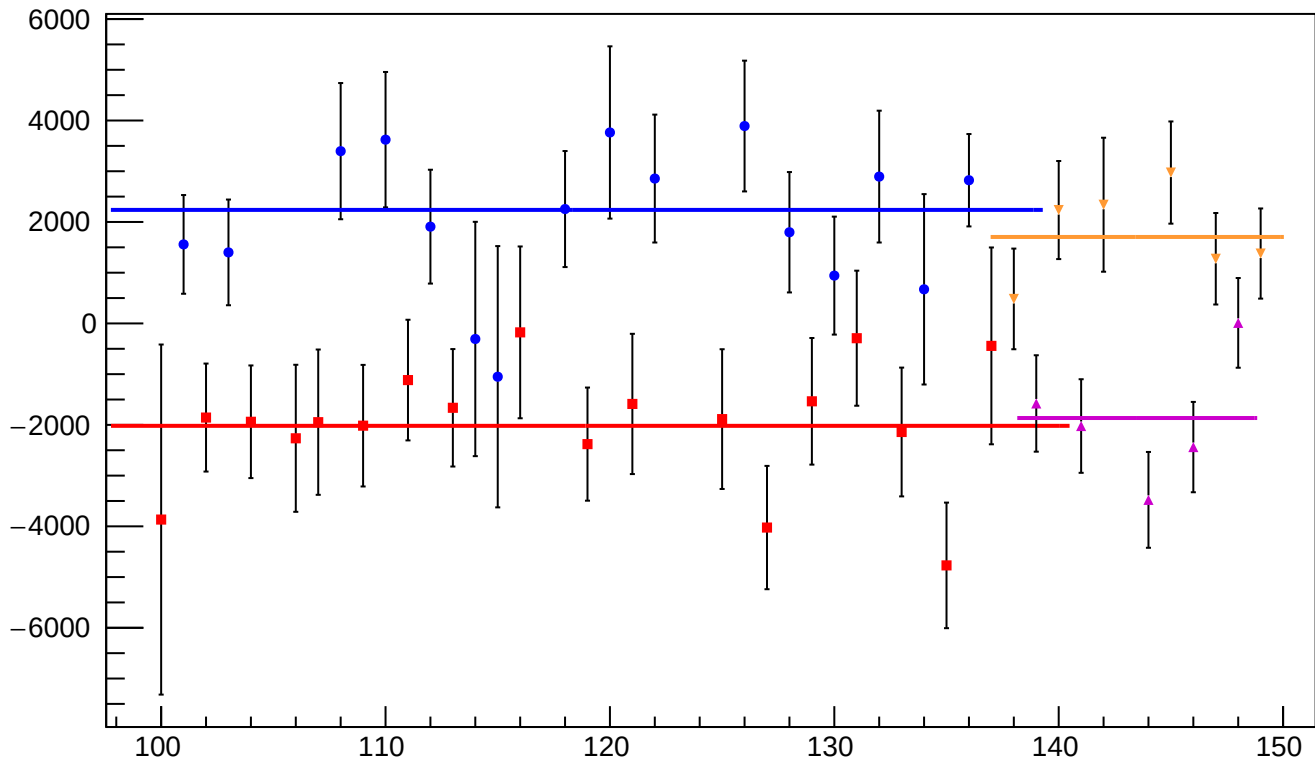


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

+ sign 2036.254+/-248.133

χ^2/NDF : 16.4/21

Left Out: 1704.503+/-403.549

χ^2/NDF : 4.0/5

All: 23.278+/-174.871

χ^2/NDF : 167.8/44

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

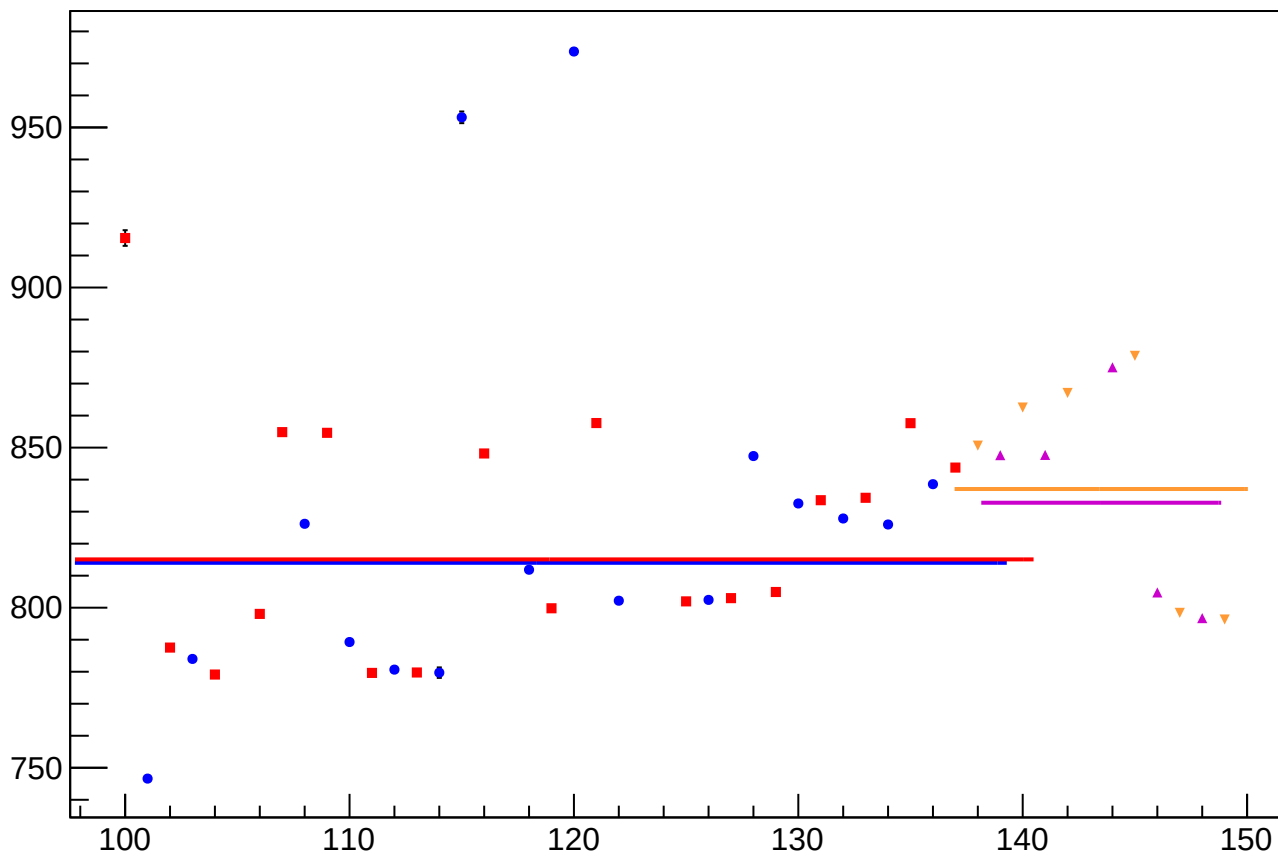
- sign -1963.025+/-246.484

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 $\pm$ 0.222 χ^2 /NDF: 42041.6/15

Left Out: 837.072 $\pm$ 0.285 χ^2 /NDF:14088.7/5

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

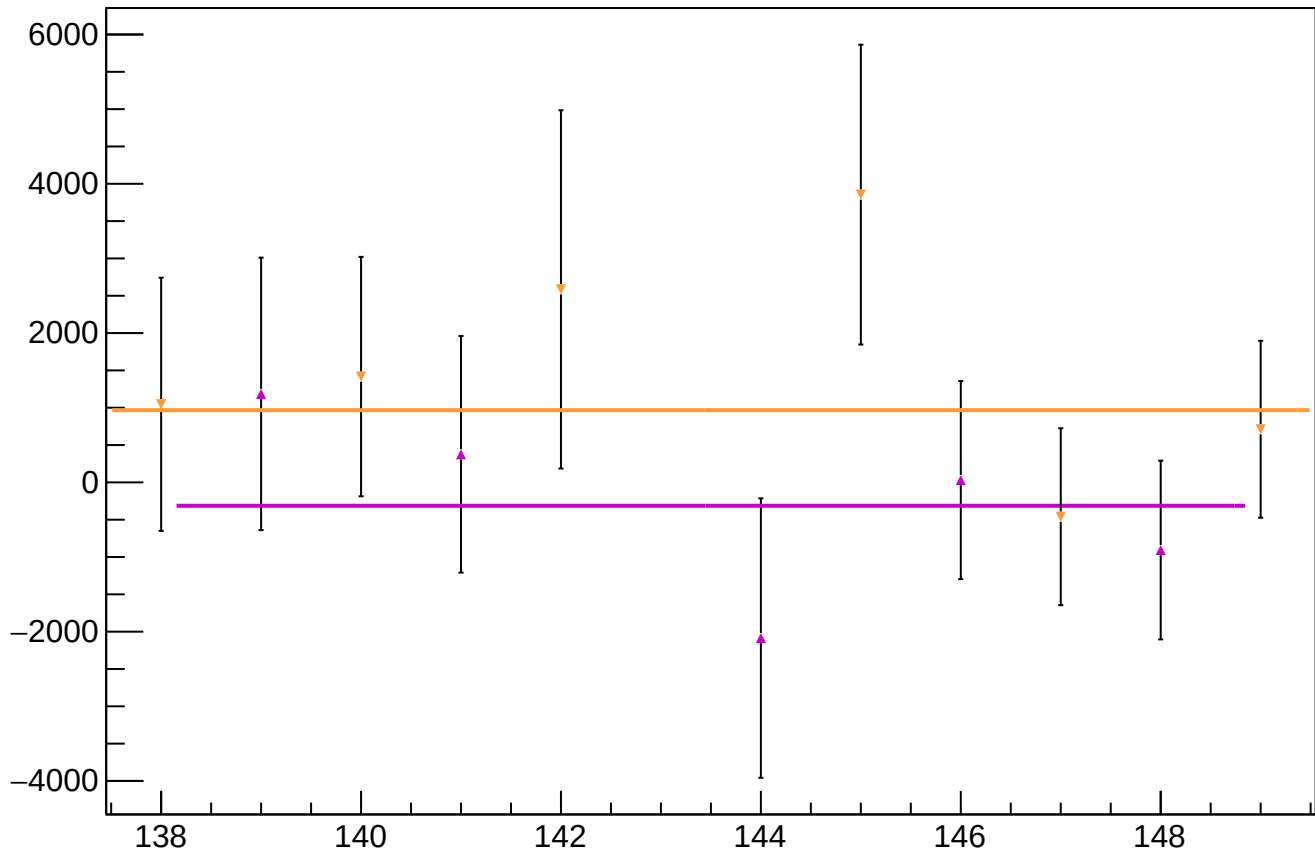
Left In: 832.782 $\pm$ 0.290 χ^2 /NDF:10327.7/4

+ sign 822.736 $\pm$ 0.175 χ^2 /NDF: 60188.5/21

All: 822.101 $\pm$ 0.124 χ^2 /NDF: 92880.1/44

- sign 821.474 $\pm$ 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: 967.416+/-622.260 χ^2/NDF : 4.1/5

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

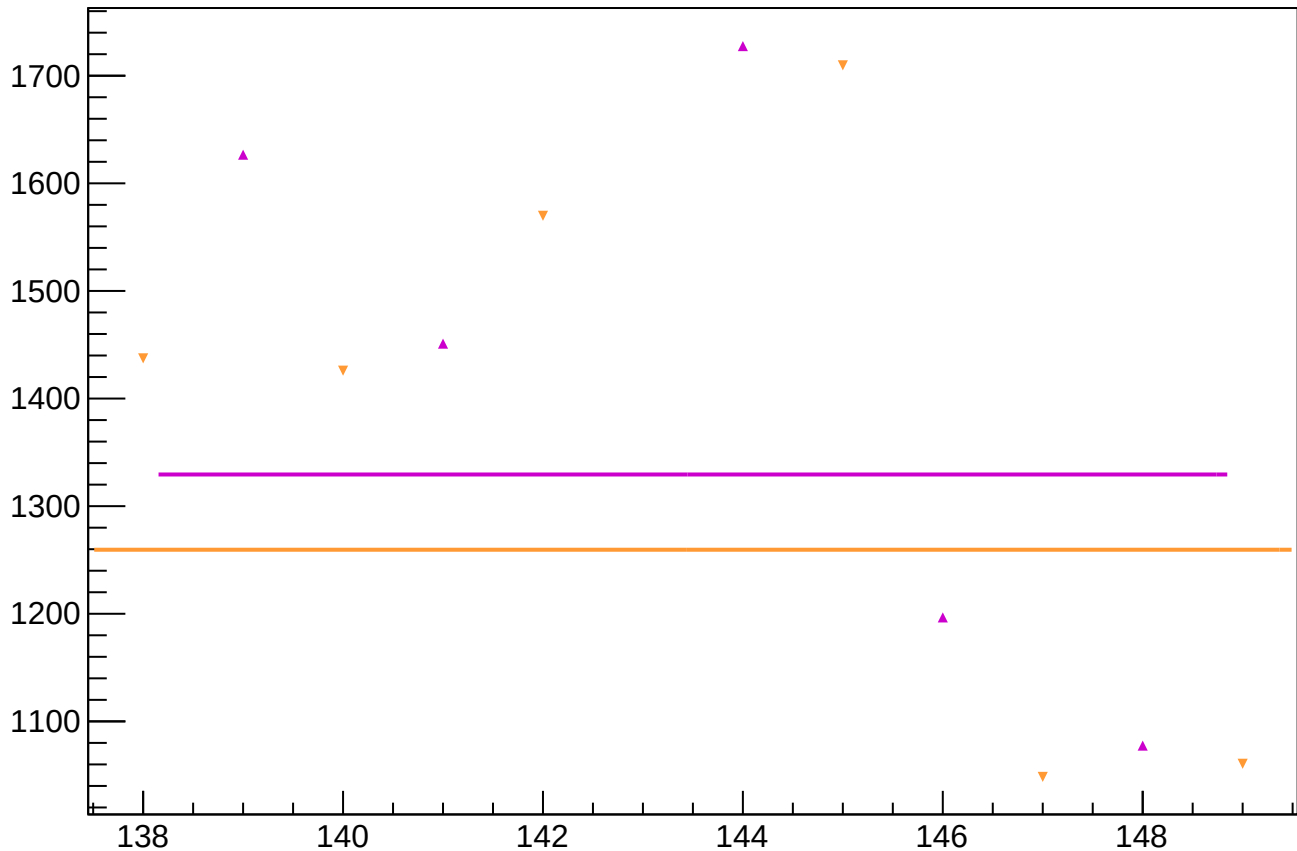
Left In: -313.273+/-666.775 χ^2/NDF : 2.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.246+/-454.928 χ^2/NDF : 8.1/10

- 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: 1259.512+/-0.440 χ^2/NDF : 297241.5/5

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

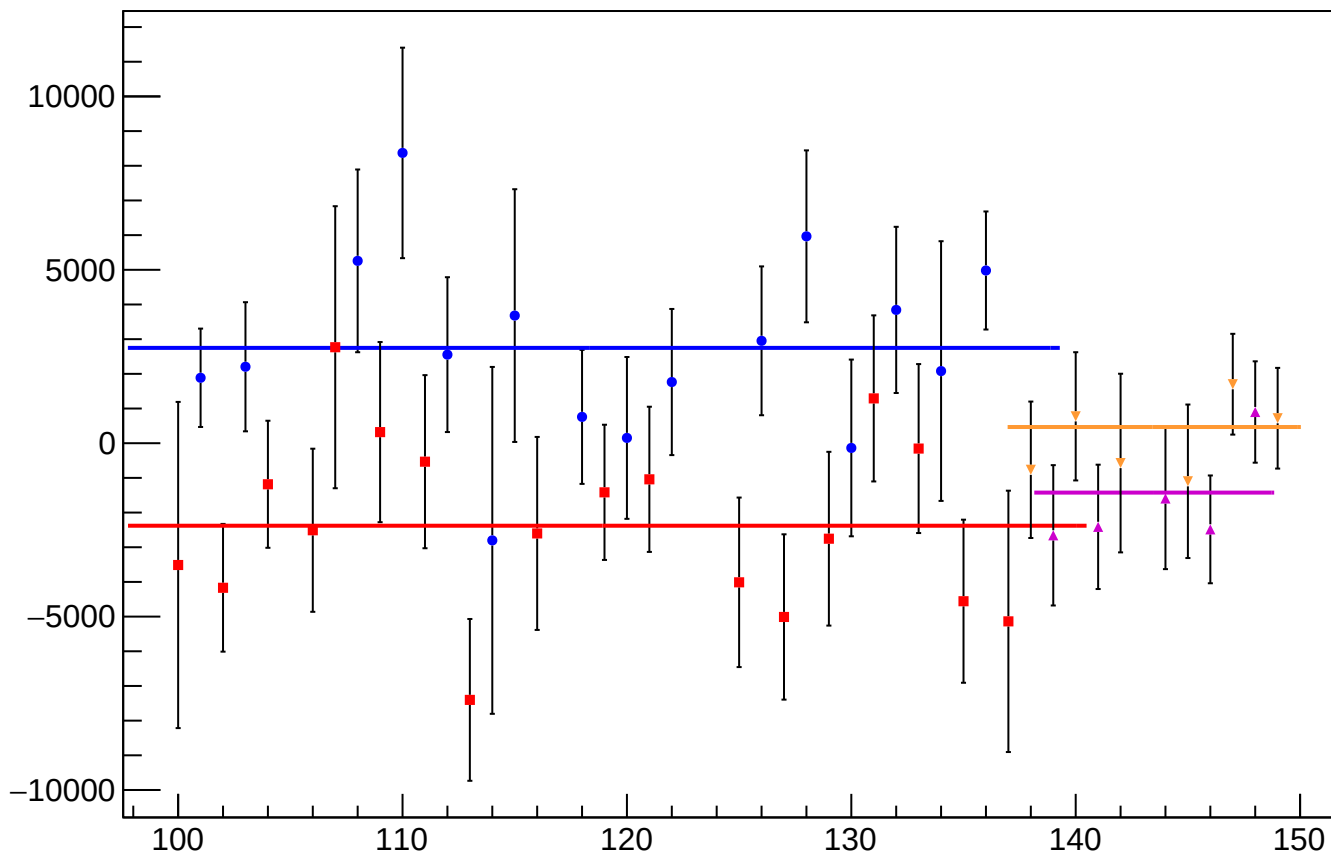
Left In: 1329.434+/-0.471 χ^2/NDF : 263835.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.061+/-0.322 χ^2/NDF : 572831.9/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



Right In: 2748.777+/-562.943 χ^2/NDF : 13.5/15

Left Out: 466.828+/-734.451 χ^2/NDF : 1.8/5

Right Out: -2379.450+/-568.967 χ^2/NDF : 16.2/17

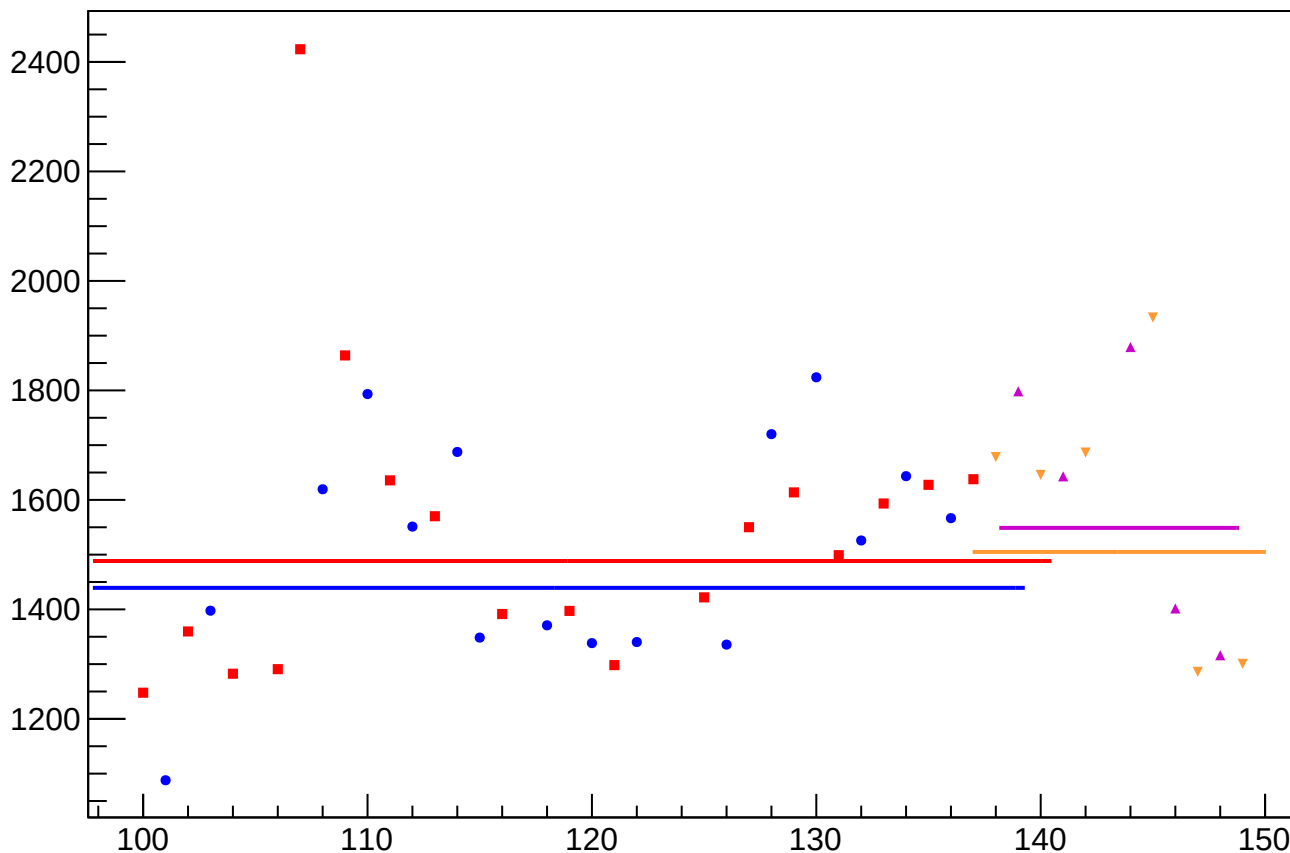
Left In: -1424.485+/-771.854 χ^2/NDF : 3.7/4

+ sign 1904.281+/-446.795 χ^2/NDF : 21.5/21

All: -20.667+/-319.815 χ^2/NDF : 80.4/44

- sign -2043.234+/-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: 1504.971+/-0.519 χ^2/NDF : 197008.7/5

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

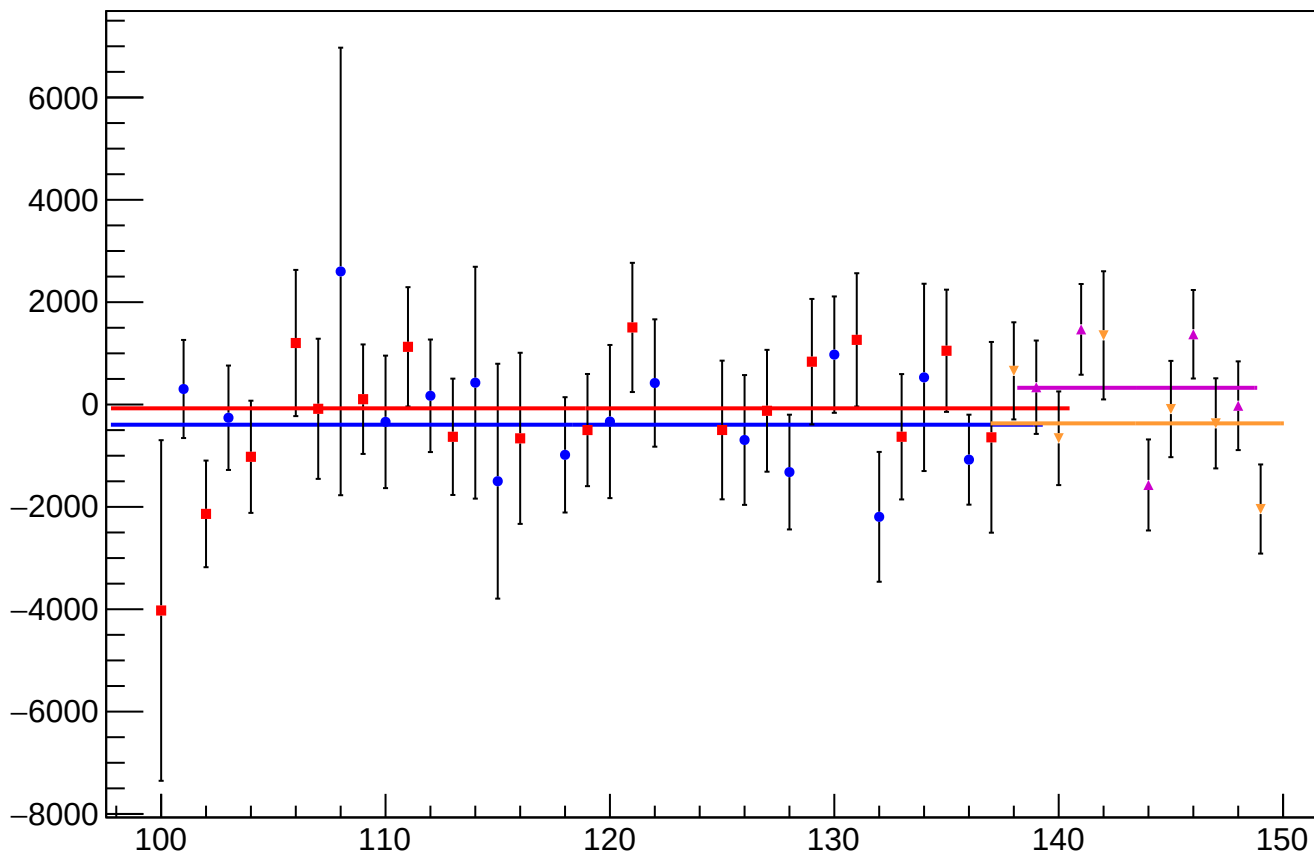
Left In: 1548.889+/-0.546 χ^2/NDF : 157171.3/4

+ sign 1463.624+/-0.316 χ^2/NDF : 484932.3/21

All: 1486.085+/-0.226 χ^2/NDF : 916756.8/44

- 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: -368.105 ± 386.878 χ^2/NDF : 6.9/5

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

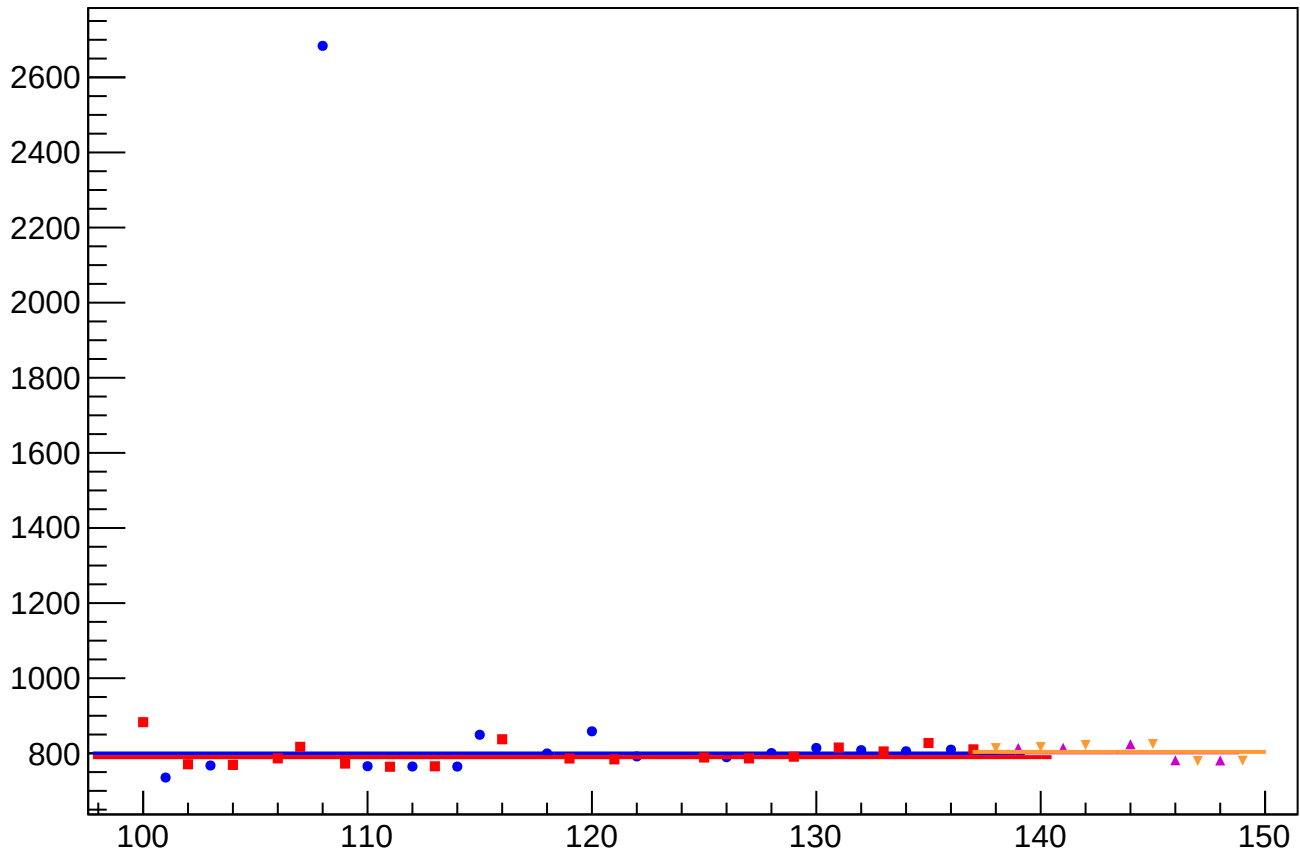
Left In: 326.957 ± 395.105 χ^2/NDF : 7.8/4

+ sign -383.969 ± 243.417 χ^2/NDF : 14.4/21

All: -151.250 ± 170.218 χ^2/NDF : 37.6/44

- 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: 803.760 $\pm$ 0.274 χ^2 /NDF: 5022.7/5

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

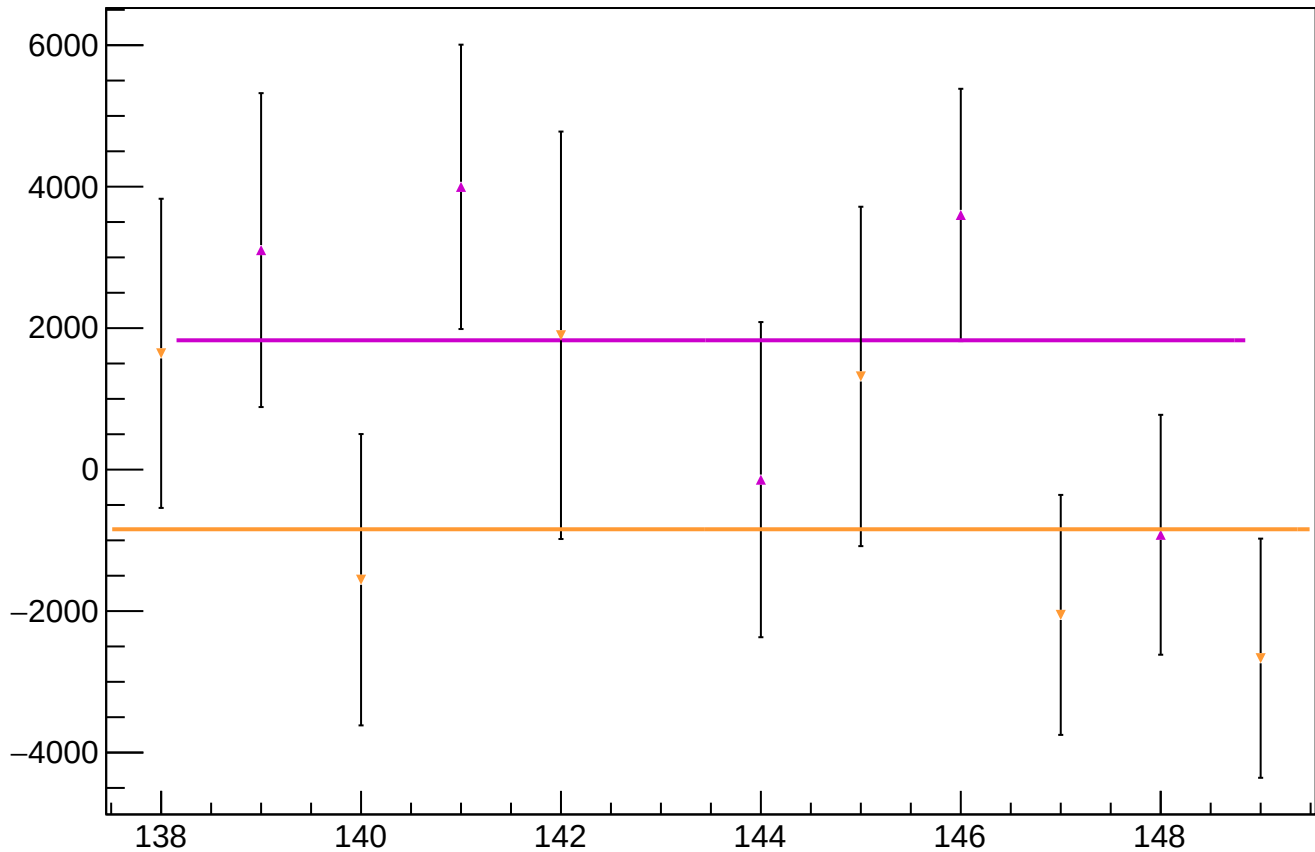
Left In: 802.628 $\pm$ 0.279 χ^2 /NDF: 4305.3/4

+ sign 801.209 $\pm$ 0.172 χ^2 /NDF: 396352.6/21

All: 797.758 $\pm$ 0.120 χ^2 /NDF: 413963.3/44

- 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: -843.282+/-834.212 χ^2/NDF : 4.8/5

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

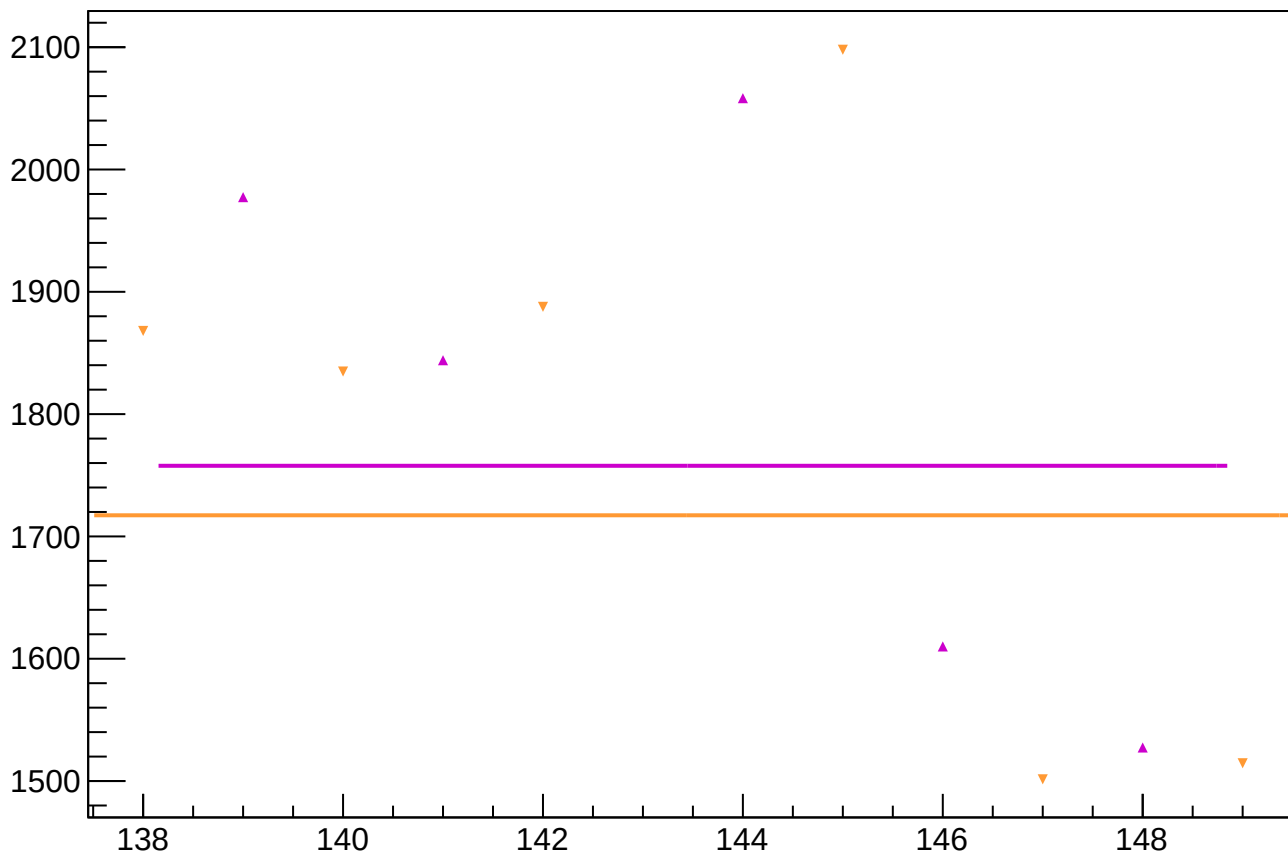
Left In: 1828.179+/-872.252 χ^2/NDF : 5.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.927+/-602.876 χ^2/NDF : 15.6/10

- 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: 1717.281+/-0.590 χ^2/NDF :134547.3/5

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

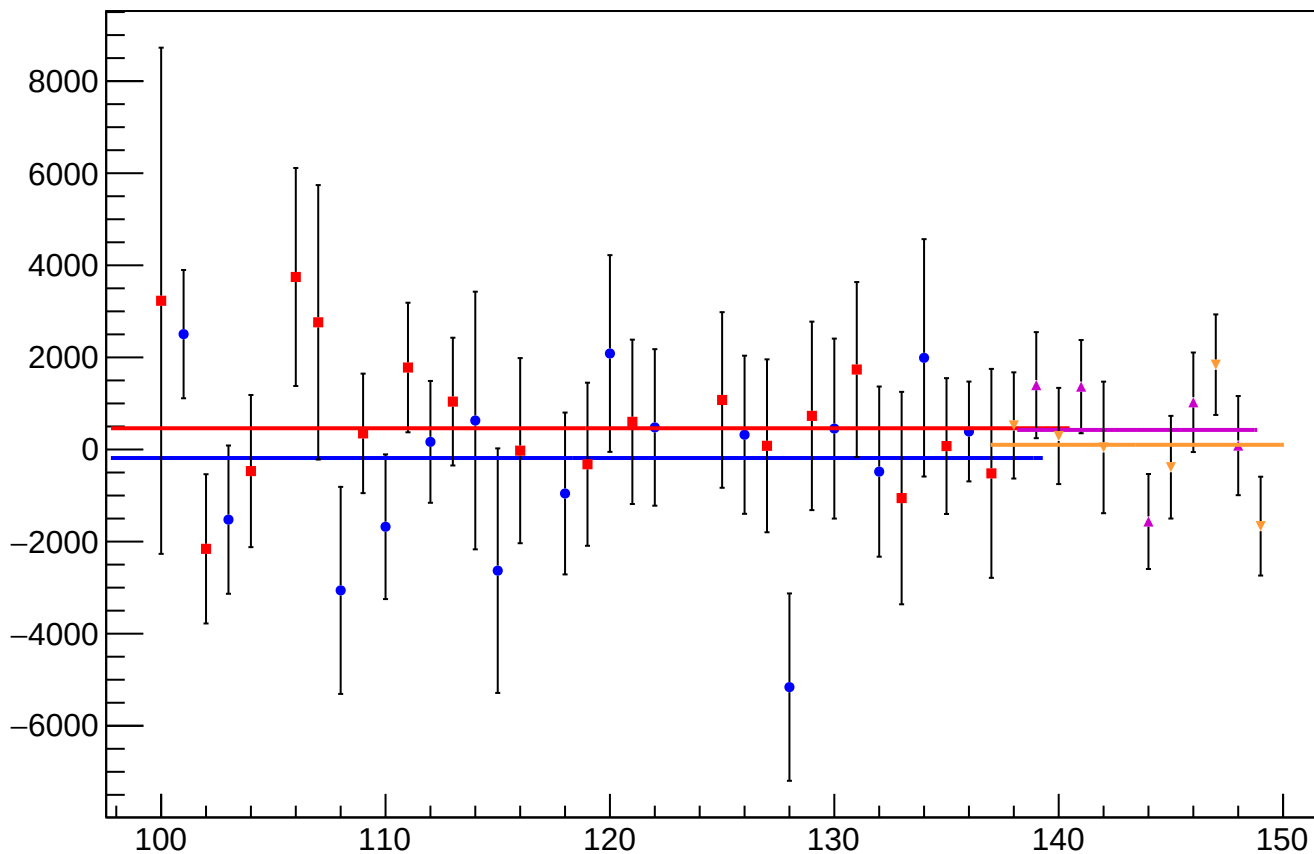
Left In: 1757.758+/-0.617 χ^2/NDF :110313.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.617+/-0.426 χ^2/NDF : 247110.2/10

- 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: 101.750 ± 462.720 χ^2/NDF : 5.6/5

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

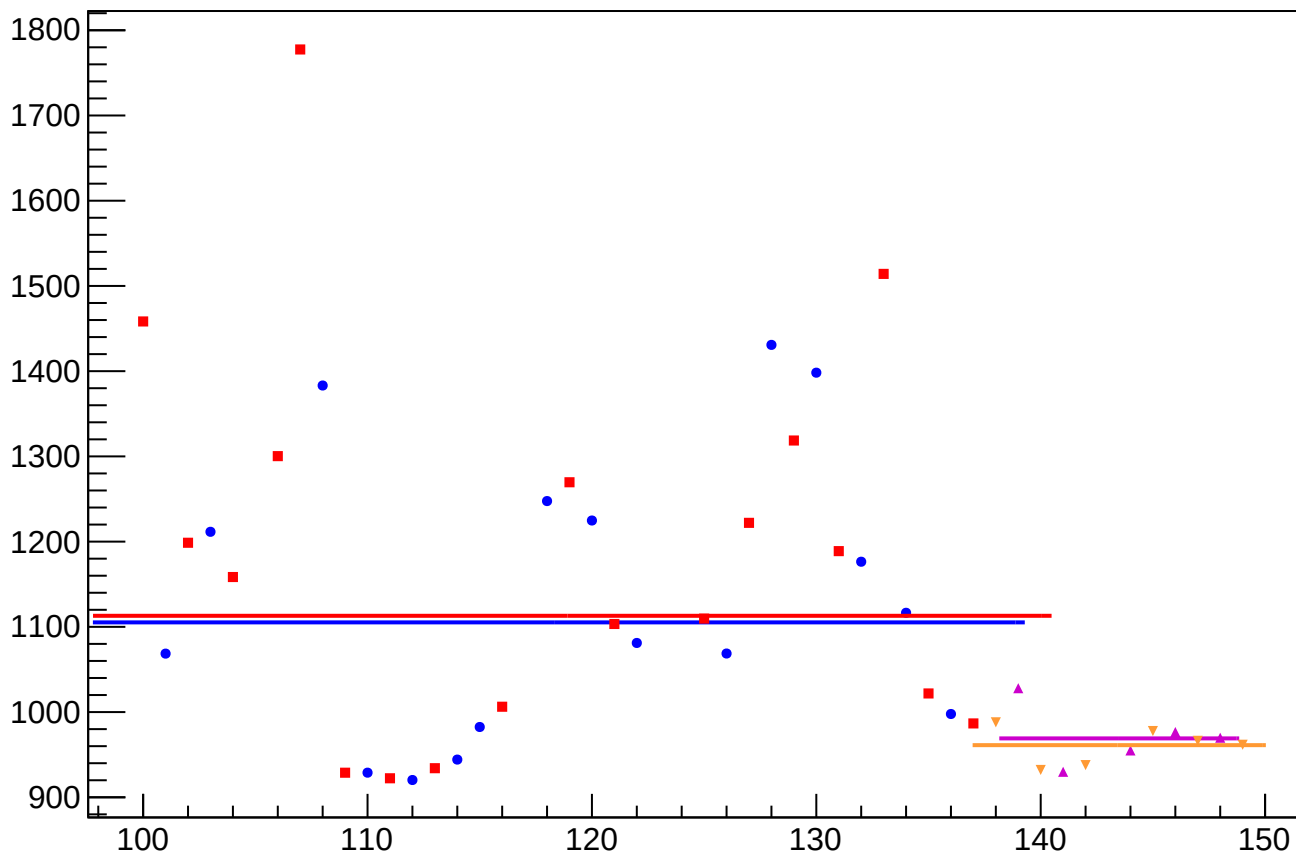
Left In: 424.996 ± 477.285 χ^2/NDF : 5.7/4

+ sign -51.655 ± 315.575 χ^2/NDF : 22.4/21

All: 194.683 ± 224.067 χ^2/NDF : 37.7/44

- 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: 961.194+/-0.327 χ^2/NDF : 3654.7/5

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

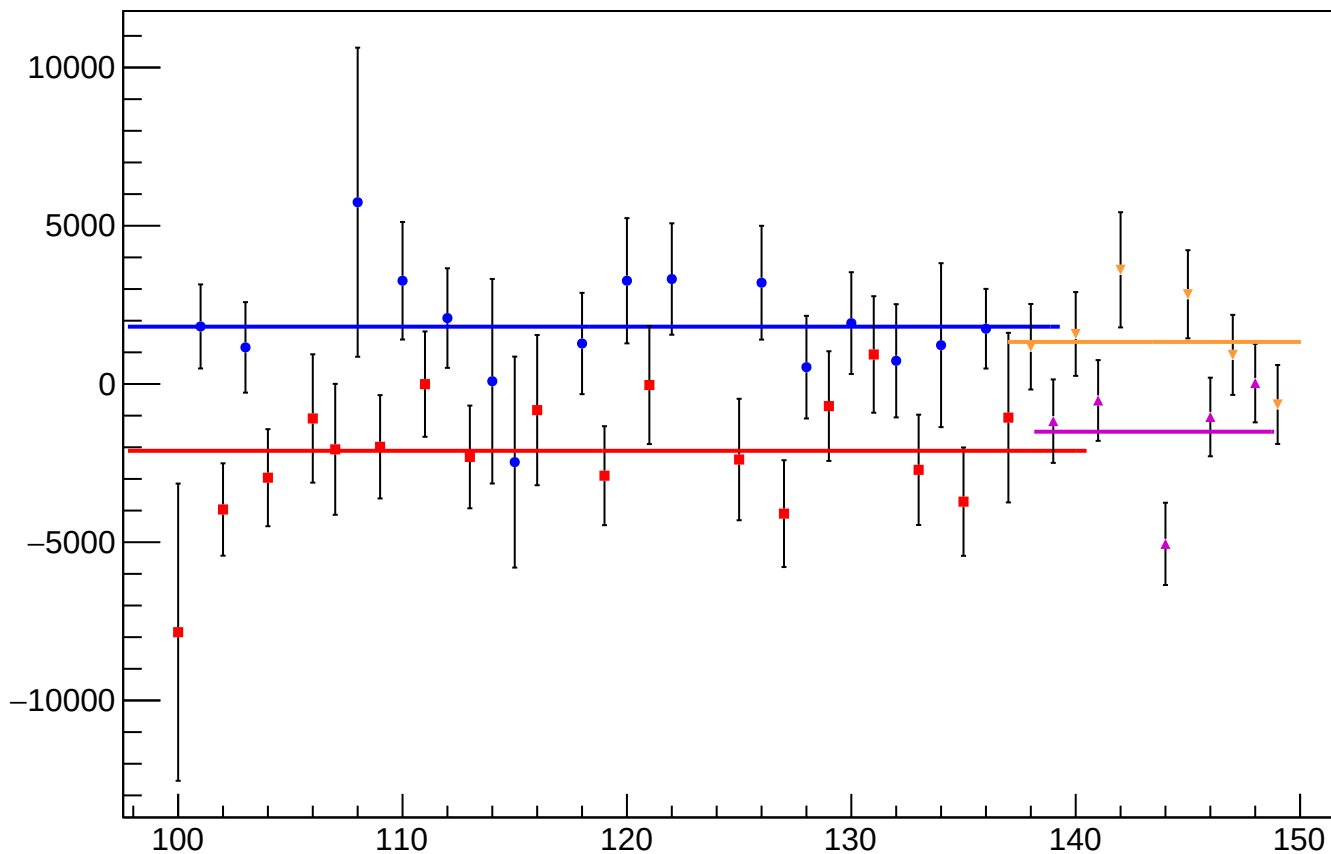
Left In: 969.111+/-0.337 χ^2/NDF : 8700.5/4

+ sign 1038.238+/-0.223 χ^2/NDF : 362684.4/21

All: 1043.590+/-0.158 χ^2/NDF : 836483.4/44

- 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: 1329.001 ± 558.681 χ^2/NDF : 5.4/5

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

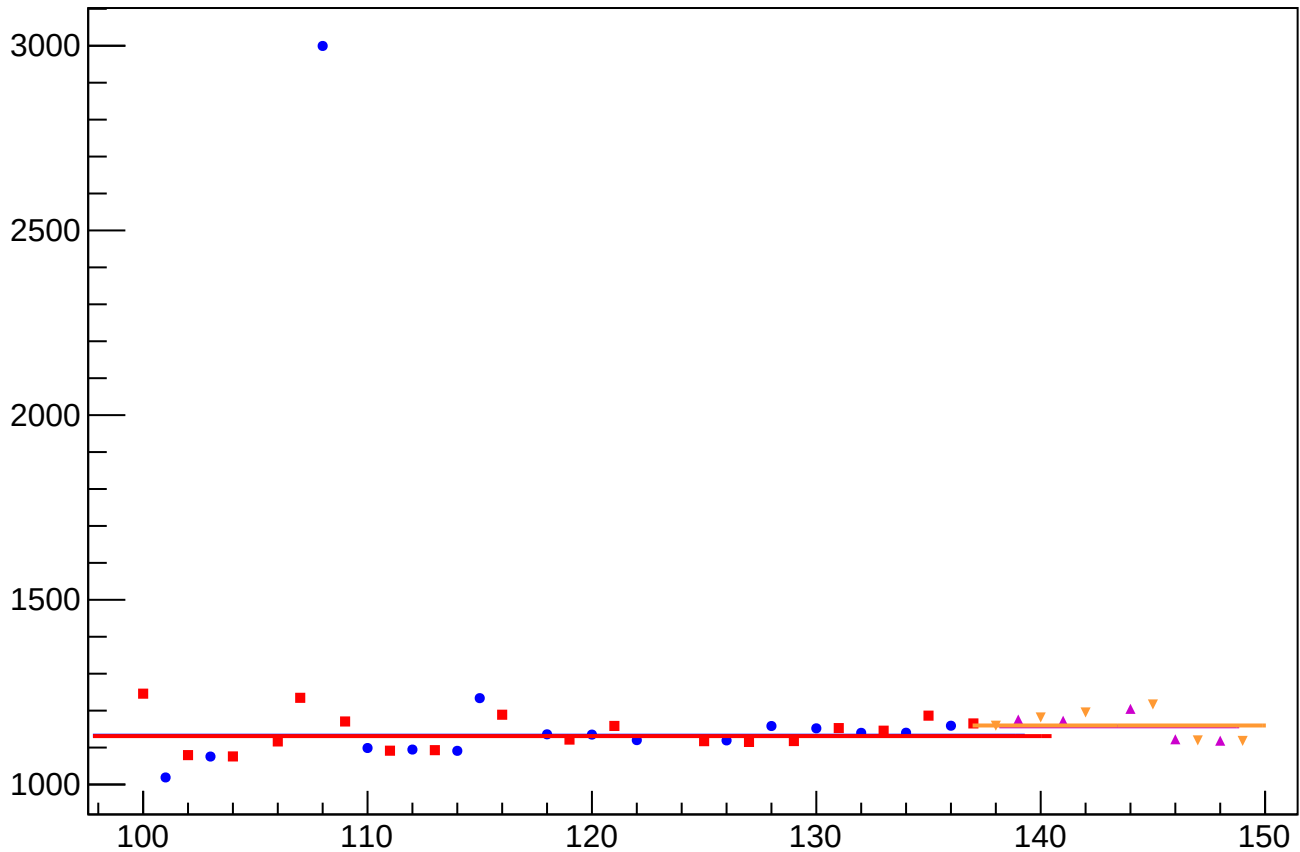
Left In: -1507.537 ± 569.989 χ^2/NDF : 9.8/4

+ sign 1625.409 ± 346.704 χ^2/NDF : 12.3/21

All: -157.694 ± 243.508 χ^2/NDF : 88.0/44

- 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: 1159.753 $\pm$ 0.395 χ^2 /NDF: 8915.9/5

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

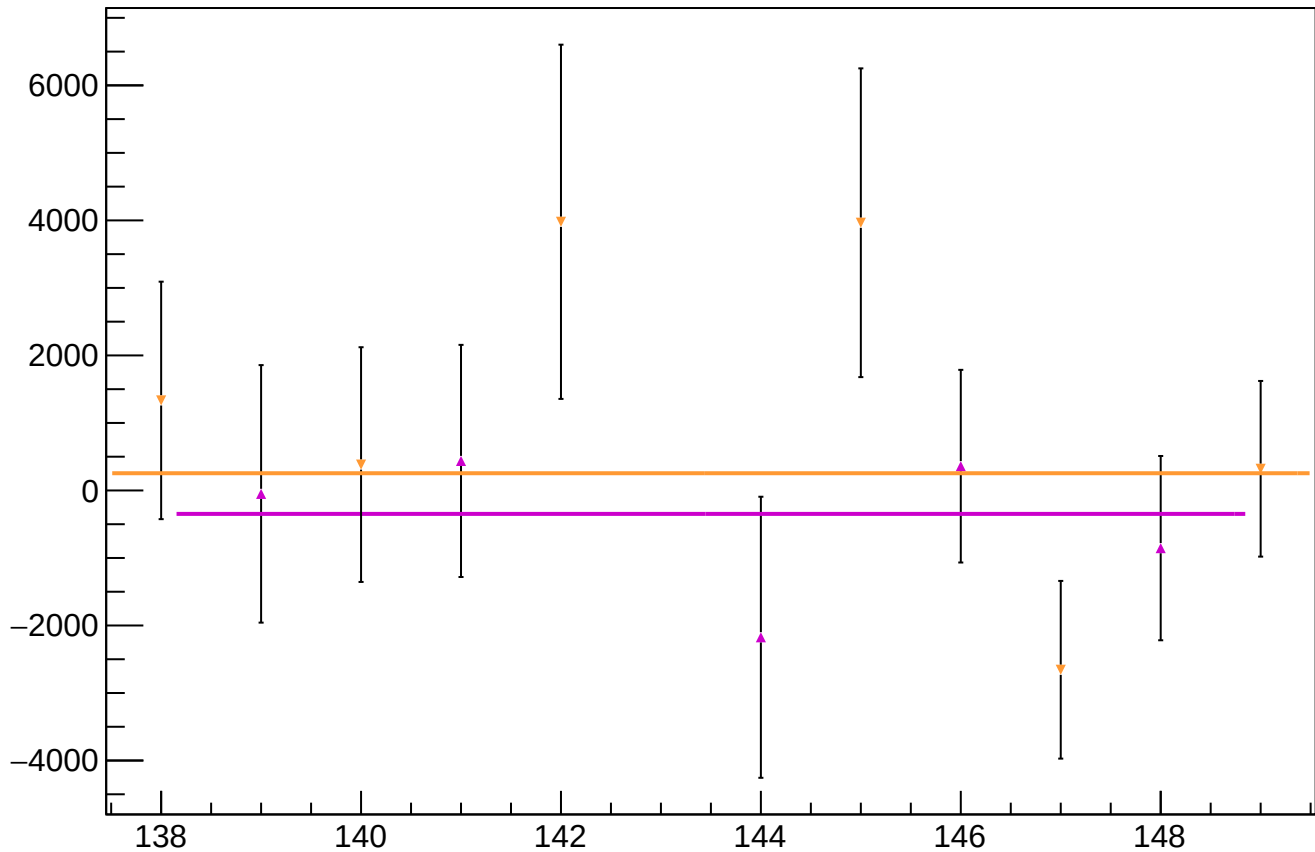
Left In: 1157.479 $\pm$ 0.403 χ^2 /NDF: 6874.1/4

+ sign 1142.734 $\pm$ 0.245 χ^2 /NDF: 327960.5/21

All: 1141.626 $\pm$ 0.172 χ^2 /NDF: 357352.1/44

- 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: 255.152+/-680.554 χ^2/NDF : 9.9/5

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

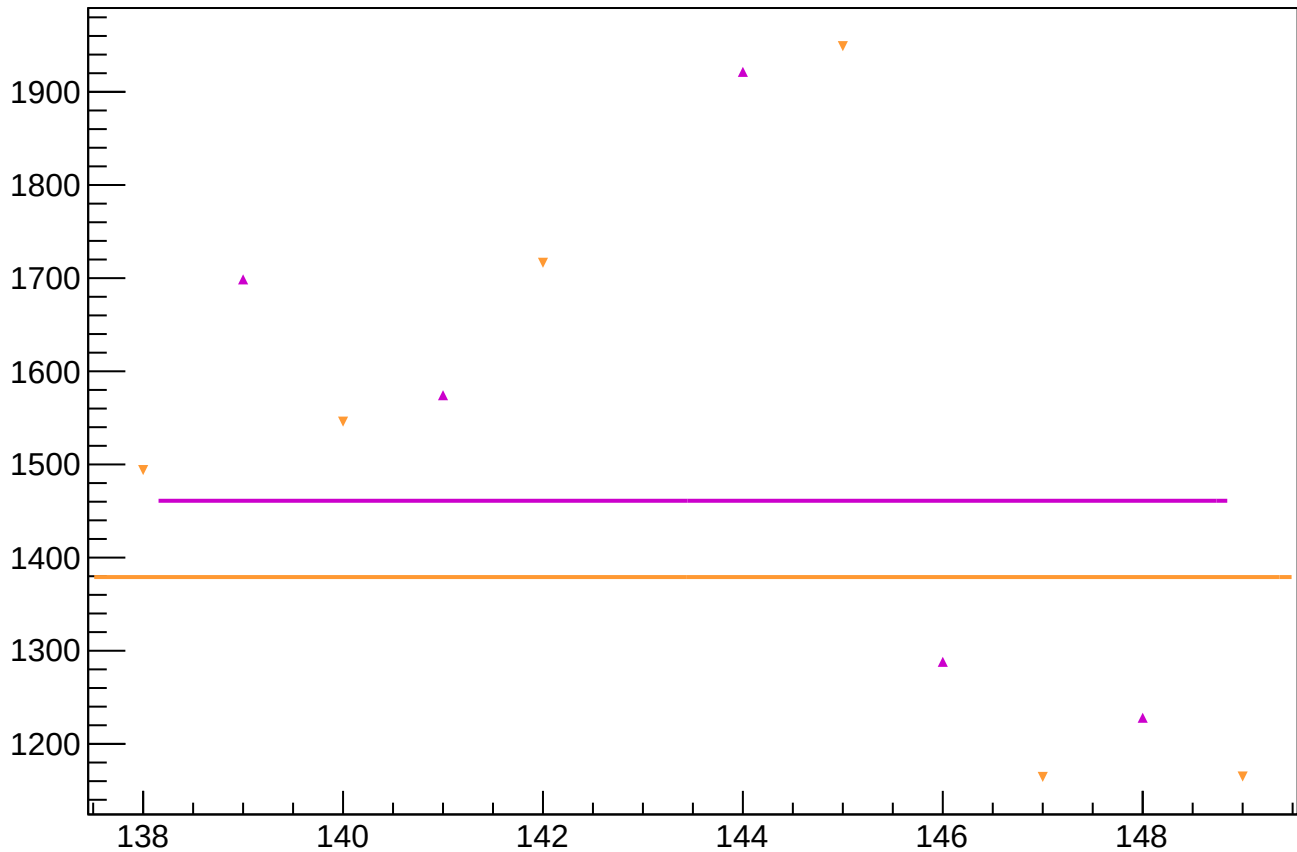
Left In: -347.091+/-730.828 χ^2/NDF : 1.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.544+/-498.050 χ^2/NDF : 11.7/10

- 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: 1379.100+/-0.481 χ^2/NDF : 291644.6/5

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

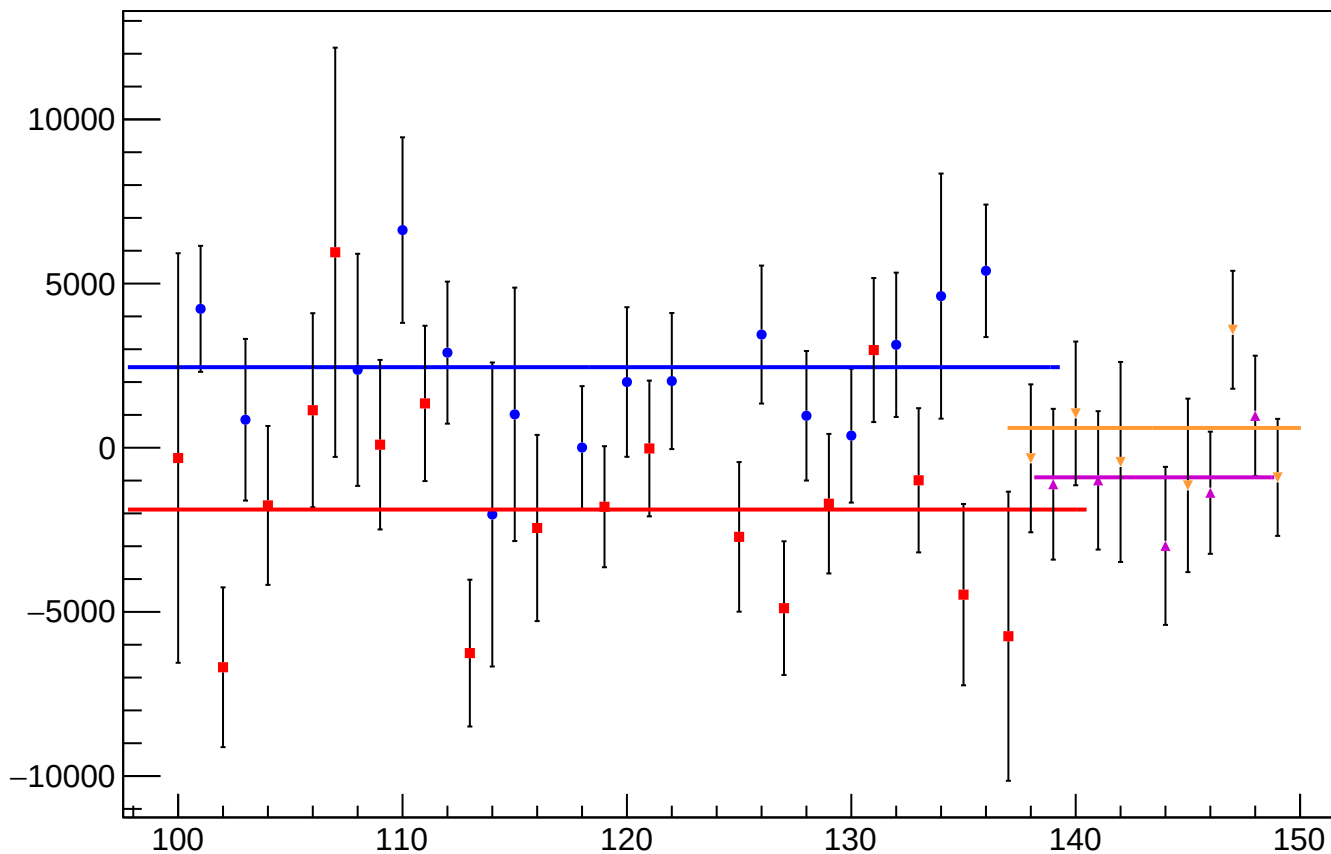
Left In: 1461.009+/-0.517 χ^2/NDF : 225257.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1417.140+/-0.352 χ^2/NDF : 530356.8/10

- 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: 602.994 $\pm$ 883.293 χ^2 /NDF:4.2/5

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

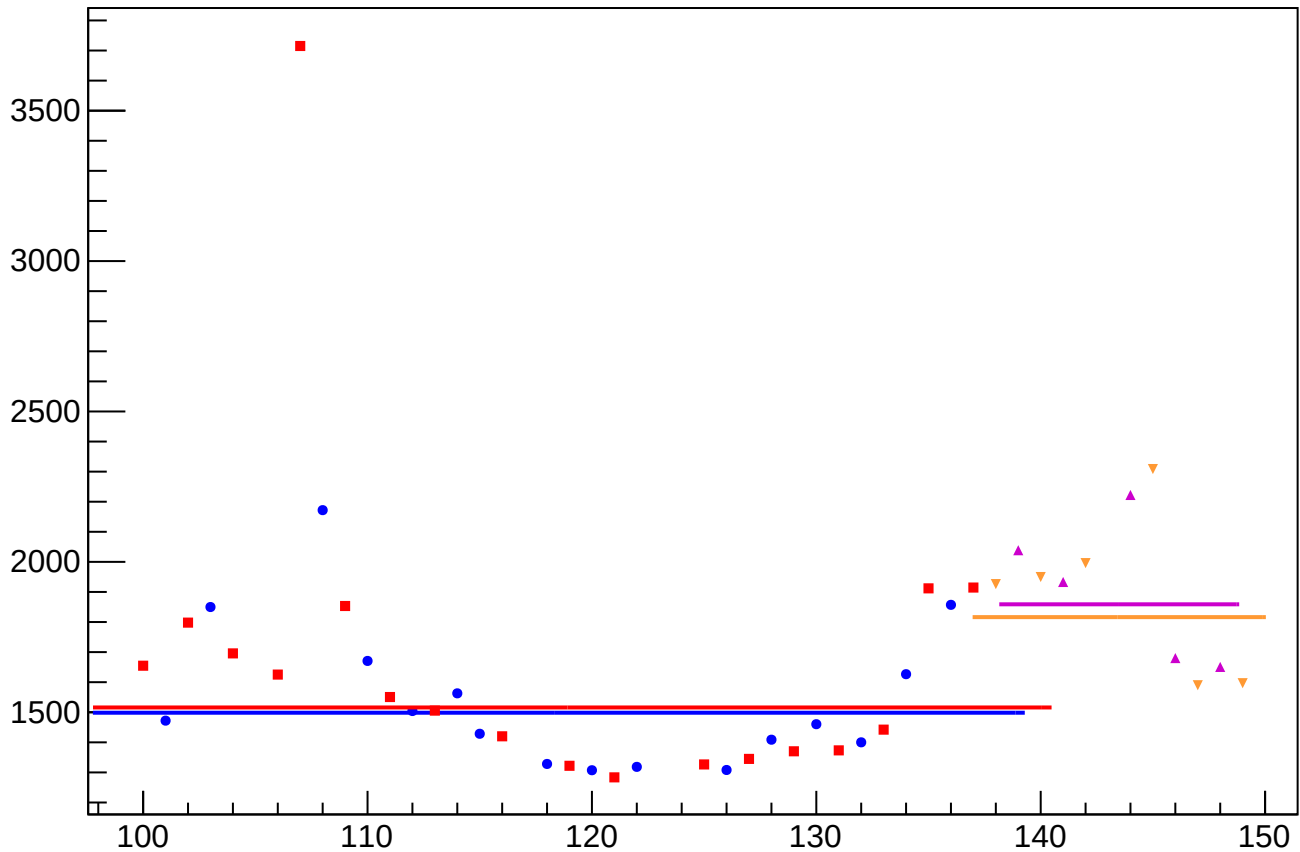
Left In: -901.234 $\pm$ 922.905 χ^2 /NDF:1.9/4

+ sign 1890.336 $\pm$ 487.329 χ^2 /NDF: 18.1/21

All: 164.061 $\pm$ 346.584 χ^2 /NDF: 68.9/44

- 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: 1816.286 ± 0.625 χ^2/NDF : 150747.7/5

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

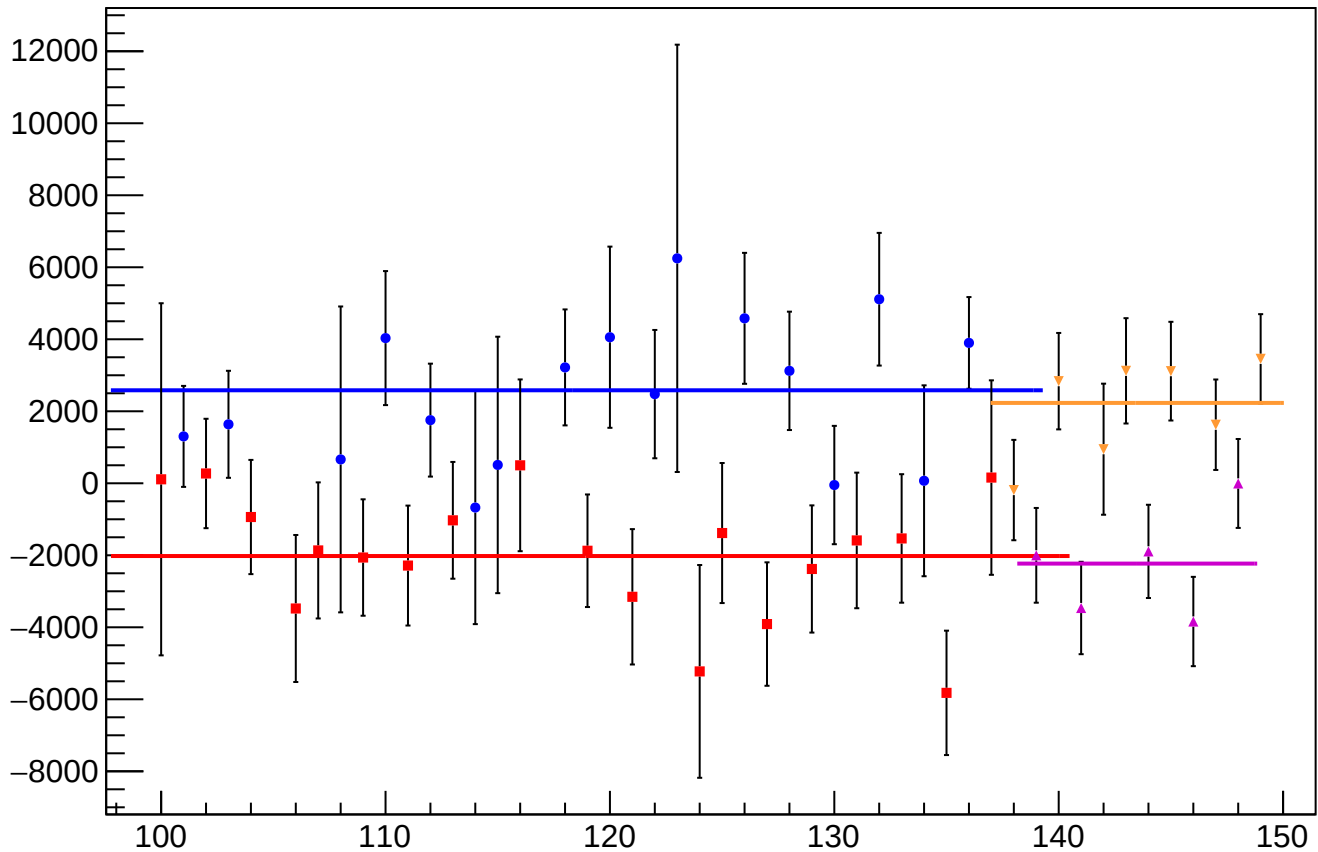
Left In: 1858.901 ± 0.653 χ^2/NDF : 104622.3/4

+ sign 1595.222 ± 0.345 χ^2/NDF : 589647.7/21

All: 1604.410 ± 0.245 χ^2/NDF : 1373616.2/4

- 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: 2232.207 ± 522.940 χ^2/NDF : 5.7/6

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

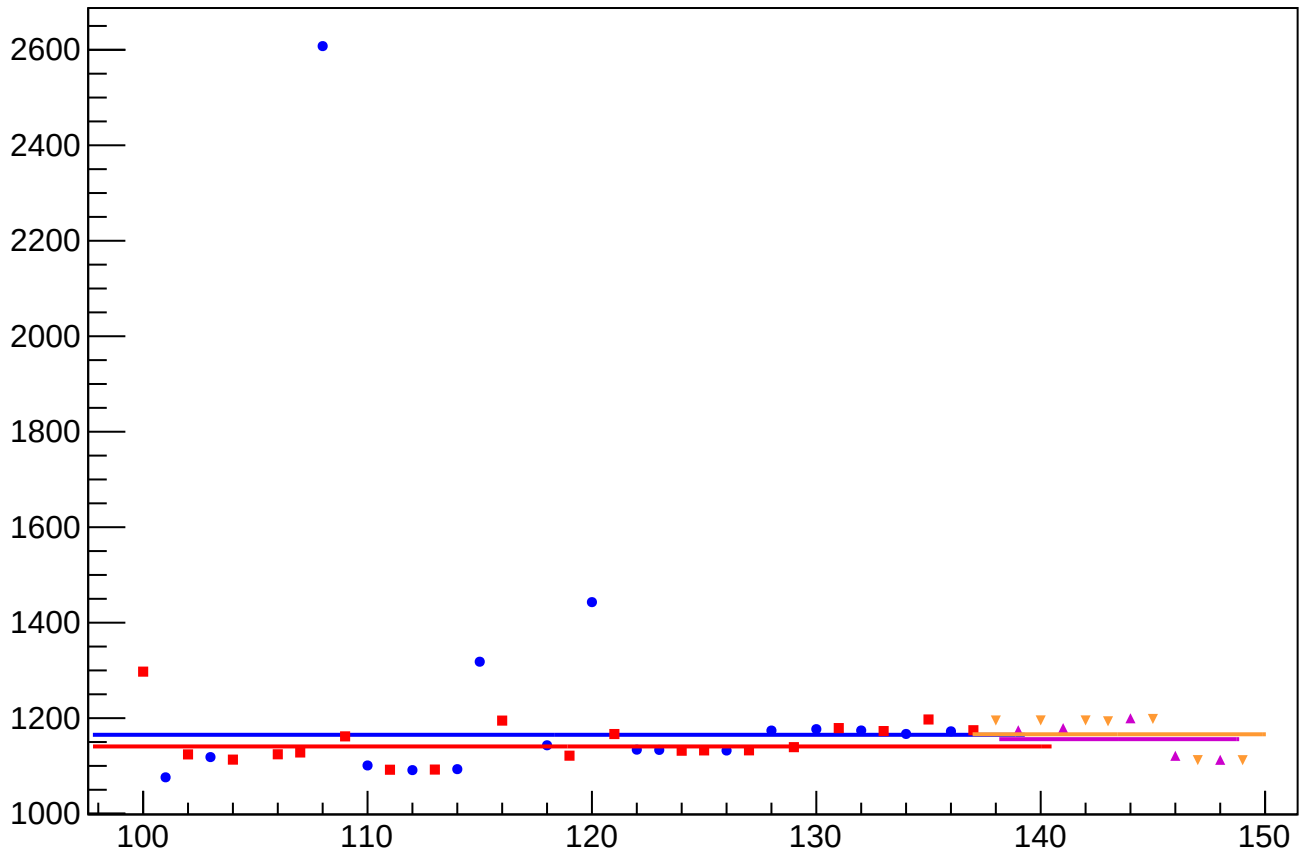
Left In: -2230.979 ± 569.190 χ^2/NDF : 6.0/4

+ sign 2432.534 ± 342.480 χ^2/NDF : 18.3/23

All: 161.210 ± 241.803 χ^2/NDF : 125.5/47

- 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: 1166.234 ± 0.370 χ^2/NDF : 11635.6/6

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

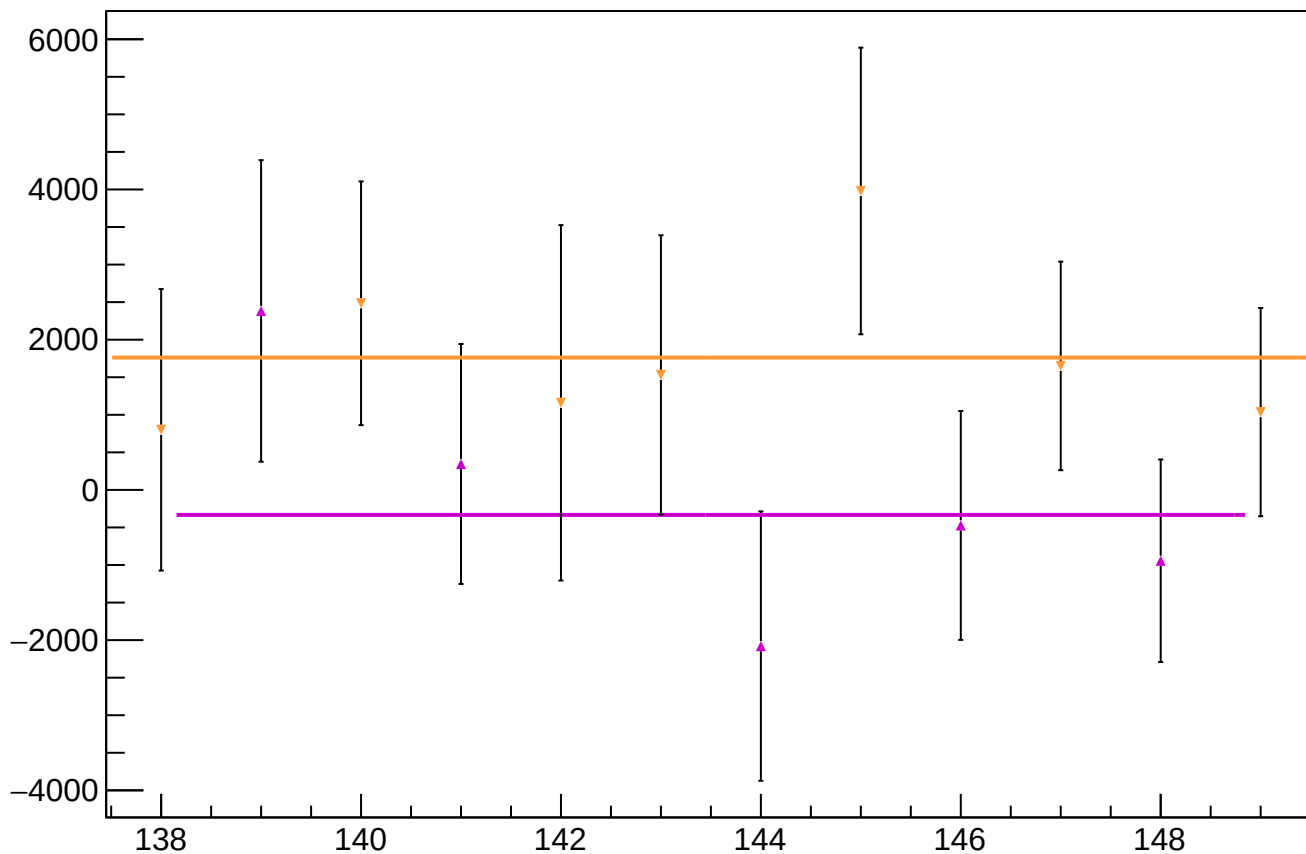
Left In: 1156.008 ± 0.402 χ^2/NDF : 7360.8/4

+ sign 1165.613 ± 0.242 χ^2/NDF : 290210.7/23

All: 1155.898 ± 0.171 χ^2/NDF : 314417.7/47

- 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: 1761.998+/-639.306 χ^2/NDF : 2.2/6

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

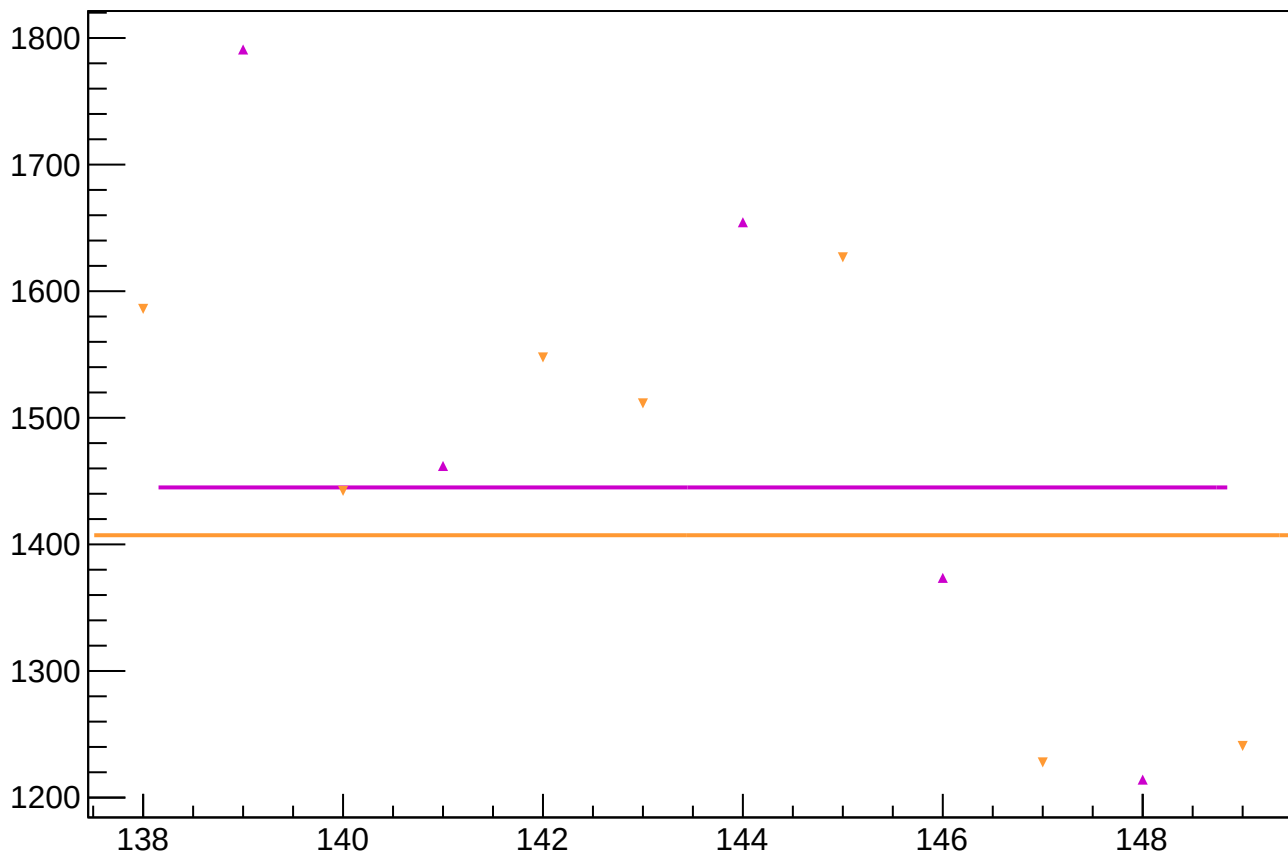
Left In: -332.704+/-719.564 χ^2/NDF : 3.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.936+/-477.924 χ^2/NDF : 10.1/11

- 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: 1407.235+/-0.452 χ^2/NDF :121187.7/6

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

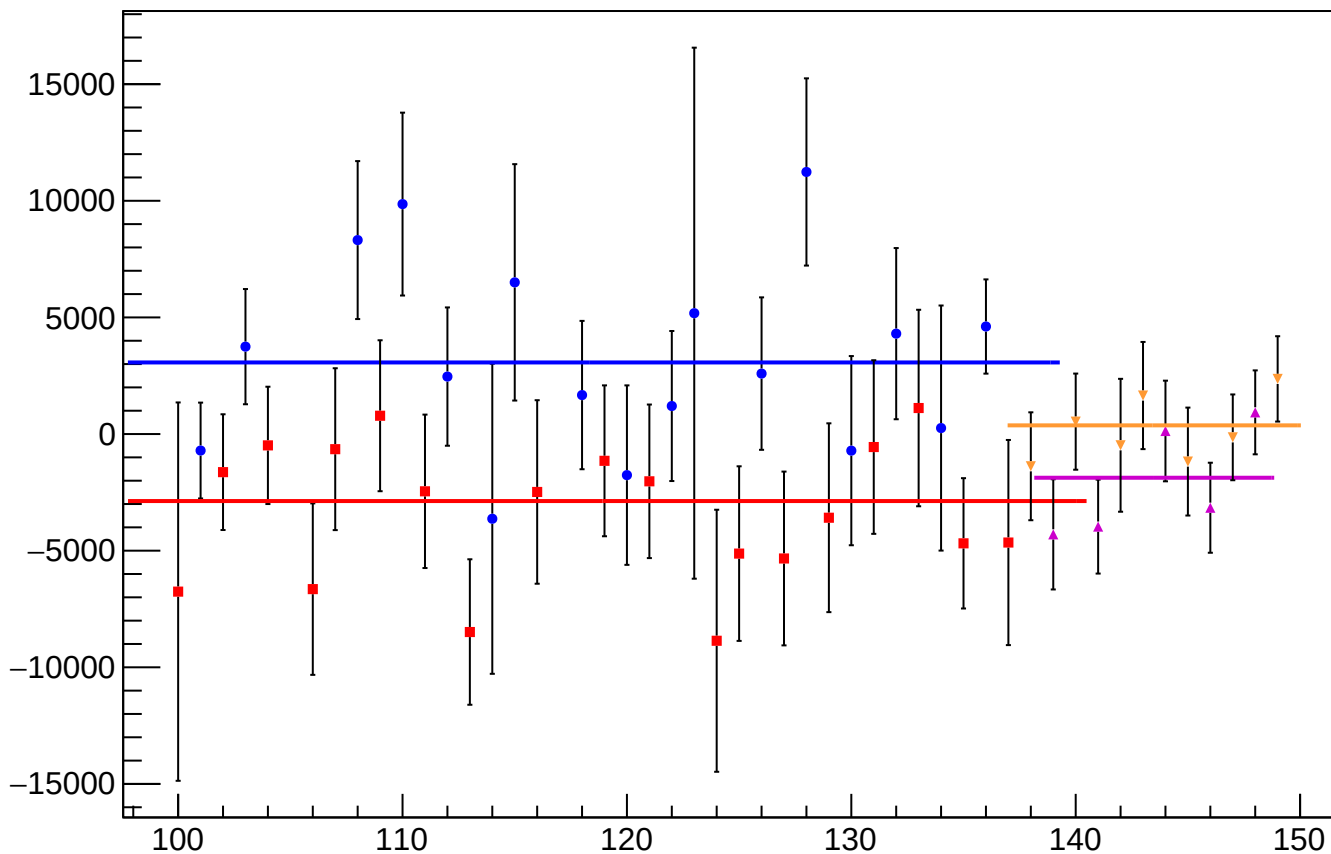
Left In: 1444.996+/-0.509 χ^2/NDF :149844.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1423.893+/-0.338 χ^2/NDF : 274110.6/11

- 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: 372.515 ± 812.062 χ^2/NDF : 2.7/6

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

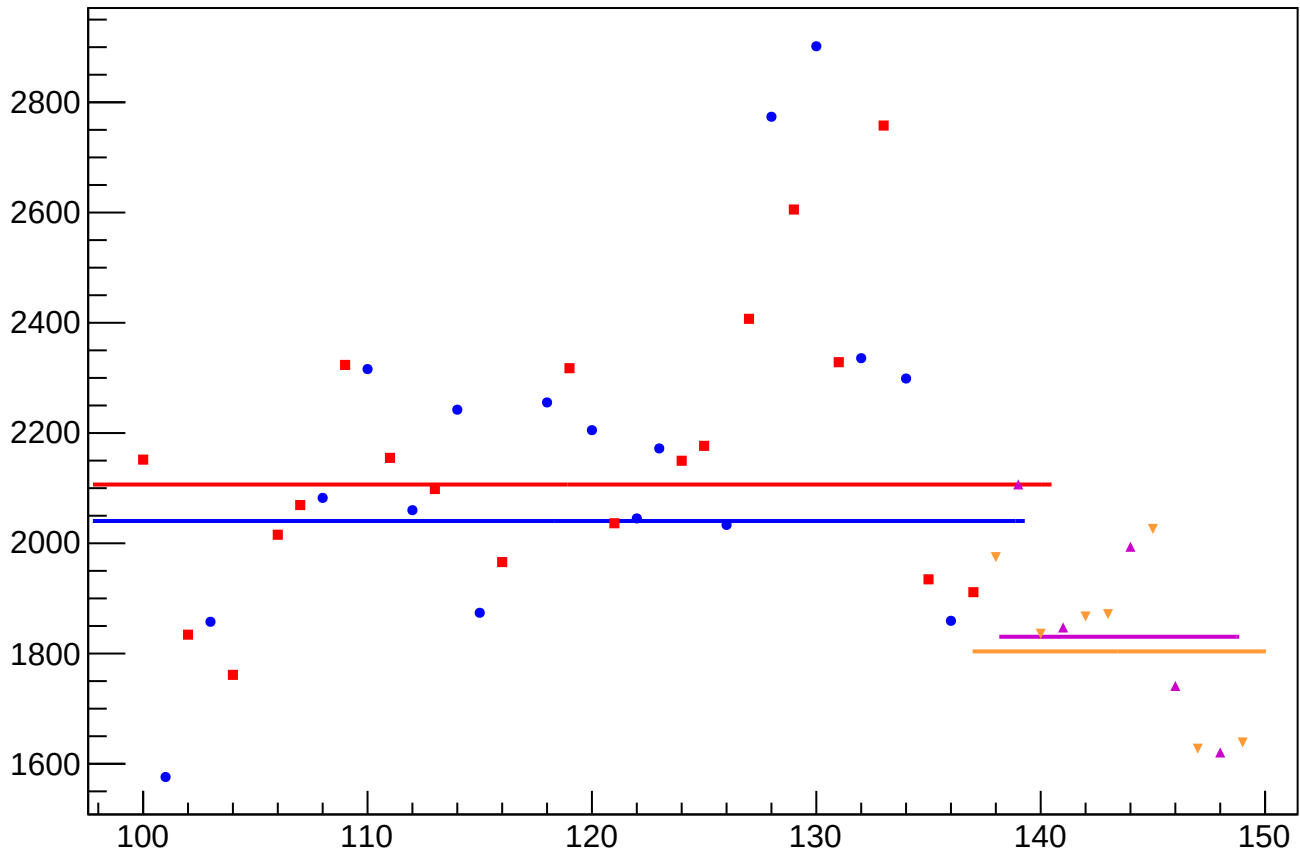
Left In: -1873.306 ± 906.108 χ^2/NDF : 5.9/4

+ sign 1744.991 ± 569.084 χ^2/NDF : 26.8/23

All: -243.699 ± 412.162 χ^2/NDF : 70.7/47

- 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: 1803.892+/-0.574 χ^2/NDF : 67296.2/6

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

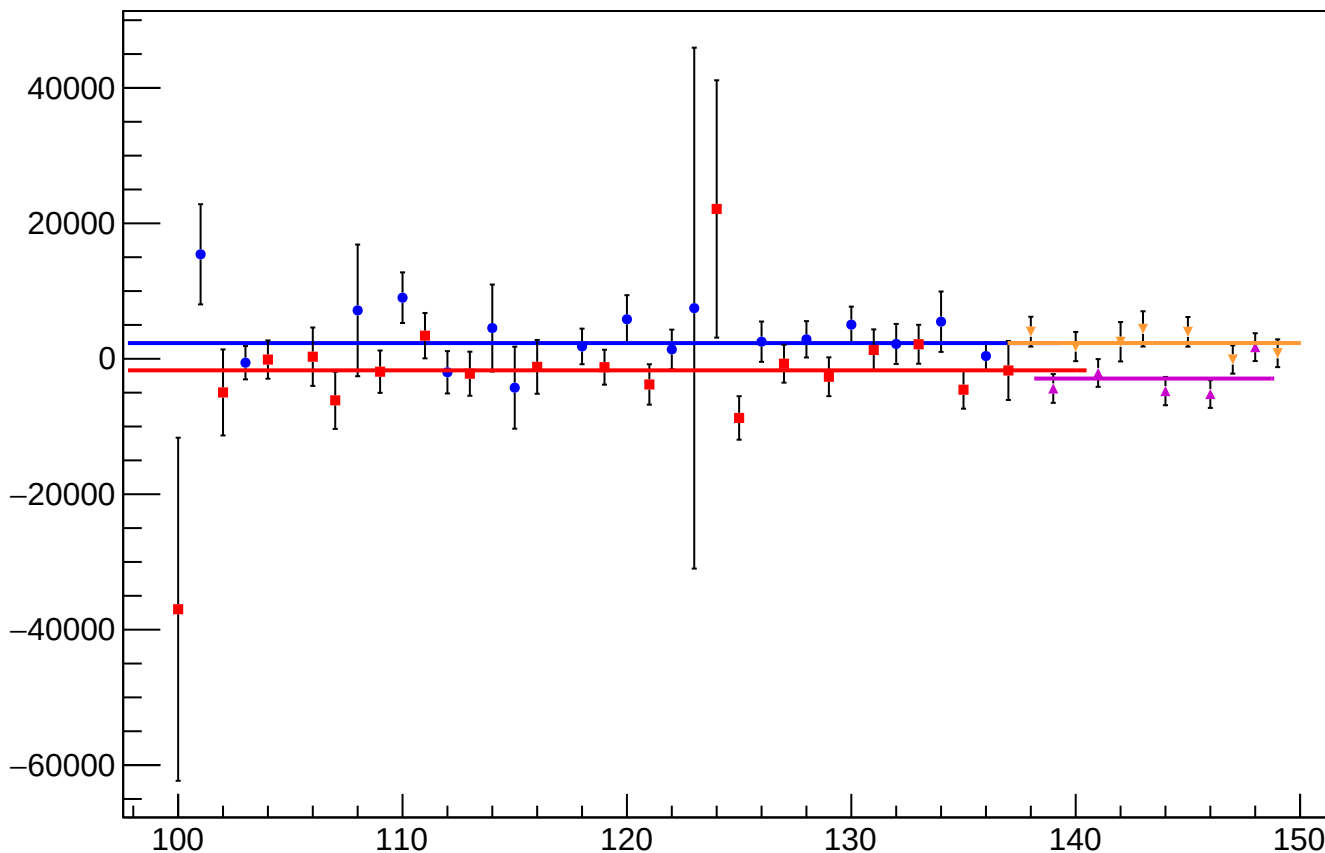
Left In: 1830.440+/-0.641 χ^2/NDF : 70453.5/4

+ sign 1924.267+/-0.402 χ^2/NDF : 484992.8/23

All: 1953.824+/-0.291 χ^2/NDF : 867157.3/47

- 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: 2326.794 $\pm$ 856.478 χ^2 /NDF: 3.7/6

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

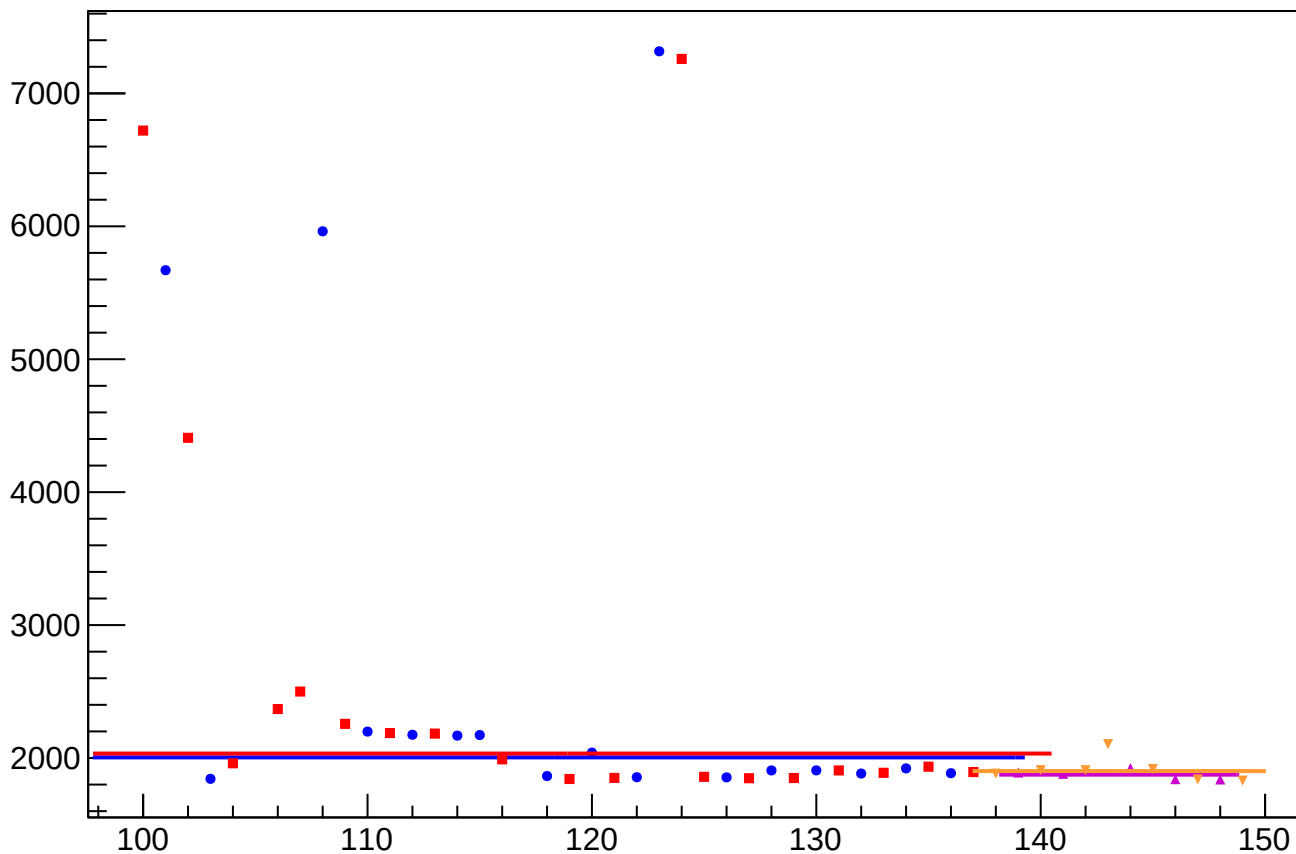
Left In: -2917.454 $\pm$ 926.758 χ^2 /NDF: 7.8/4

+ sign 2322.659 $\pm$ 585.194 χ^2 /NDF: 18.5/23

All: 105.439 $\pm$ 418.262 χ^2 /NDF: 73.8/47

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

dit_asym_at1_avg_rms vs Slug



Right In: 2004.551 $\pm$ 0.567 χ^2 /NDF: 916013.4/16

Left Out: 1901.701 $\pm$ 0.606 χ^2 /NDF:16676.7/6

Right Out: 2033.490 $\pm$ 0.554 χ^2 /NDF: 611009.8/18

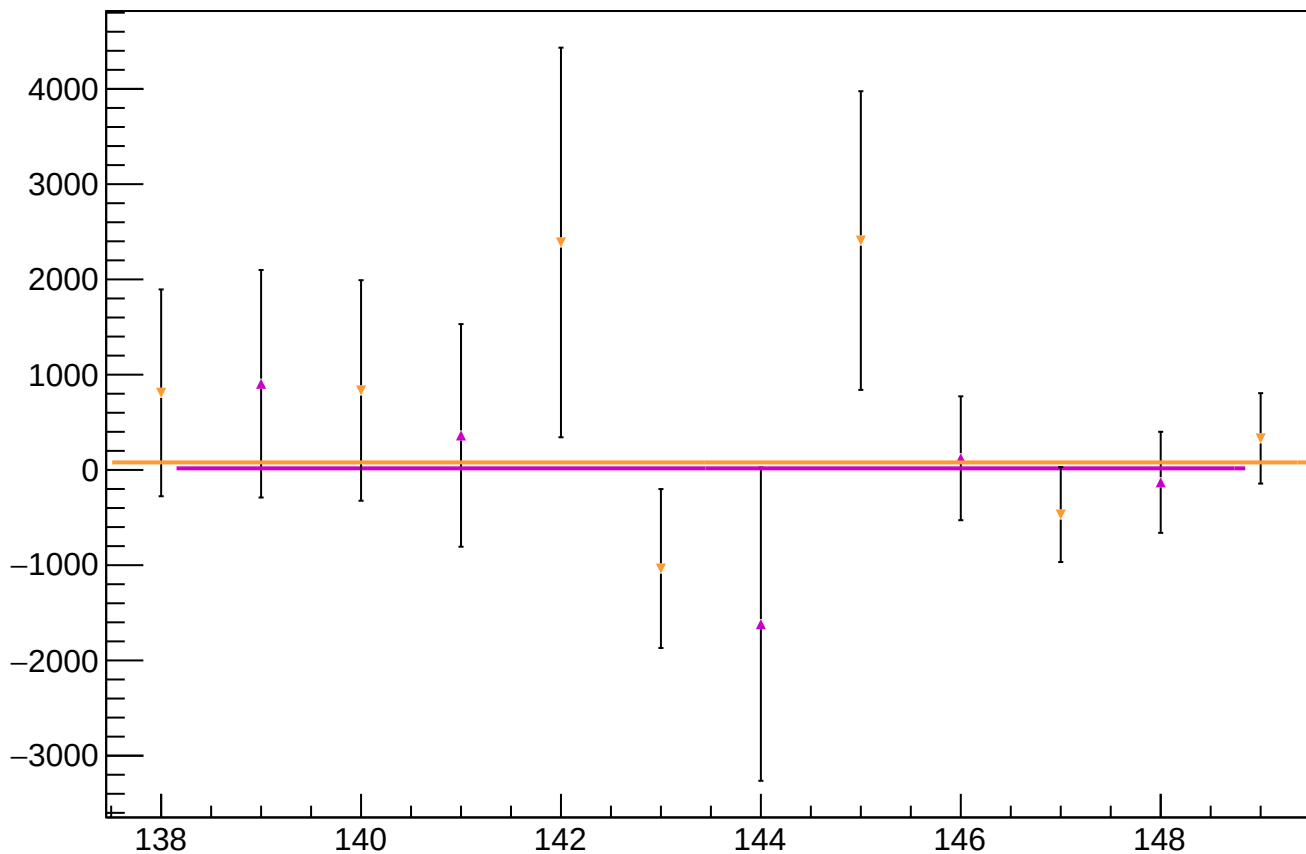
Left In: 1874.729 $\pm$ 0.655 χ^2 /NDF:2417.2/4

+ sign 1956.536 $\pm$ 0.414 χ^2 /NDF: 948066.6/23

All: 1961.840 $\pm$ 0.296 χ^2 /NDF: 1596081.9/47

- sign 1967.380 $\pm$ 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: 78.875+/-286.989 χ^2/NDF : 7.6/6

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

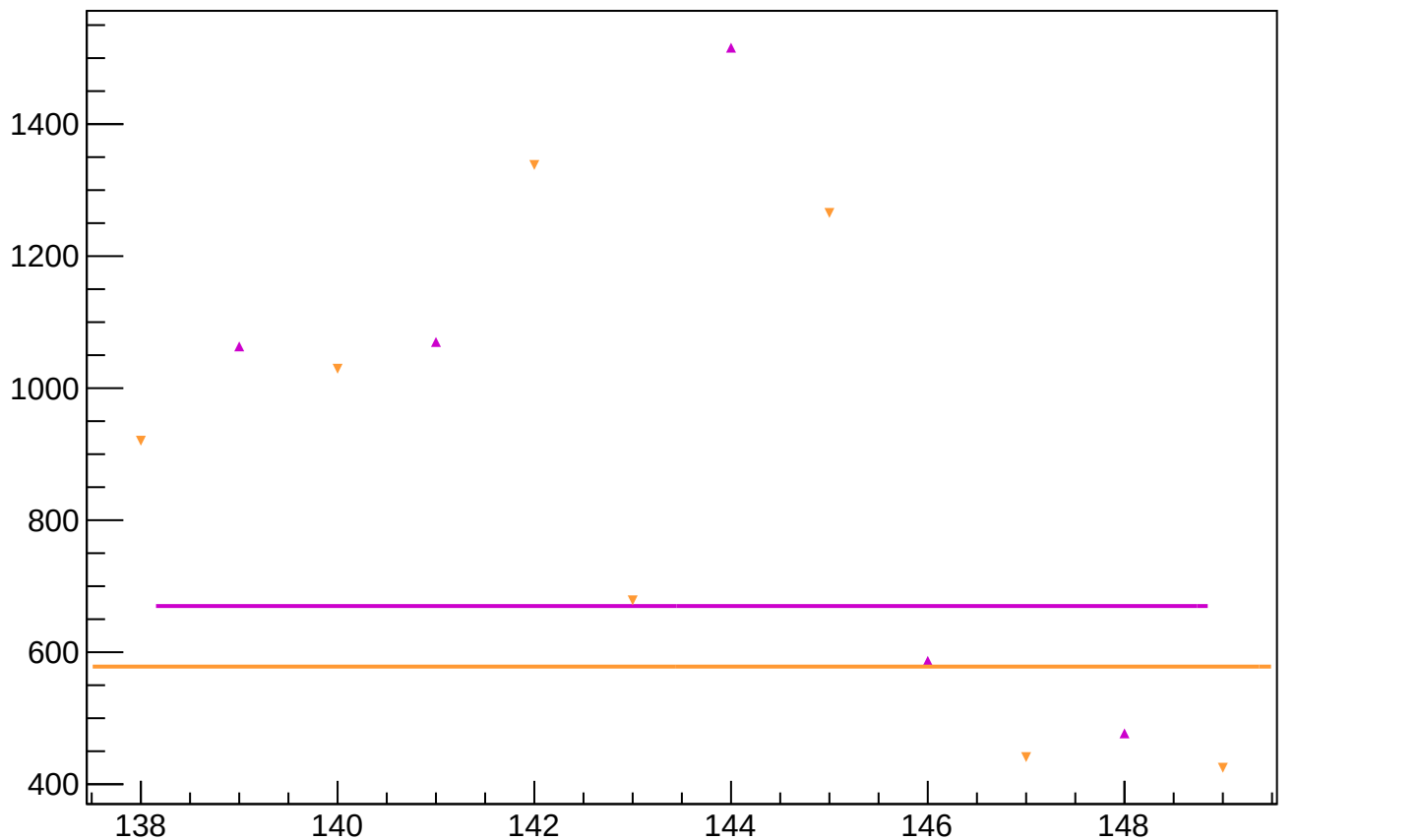
Left In: 16.540+/-359.875 χ^2/NDF : 1.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.644+/-224.378 χ^2/NDF : 9.4/11

- 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: 578.197+/-0.203 χ^2/NDF : 1551840.7/6

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

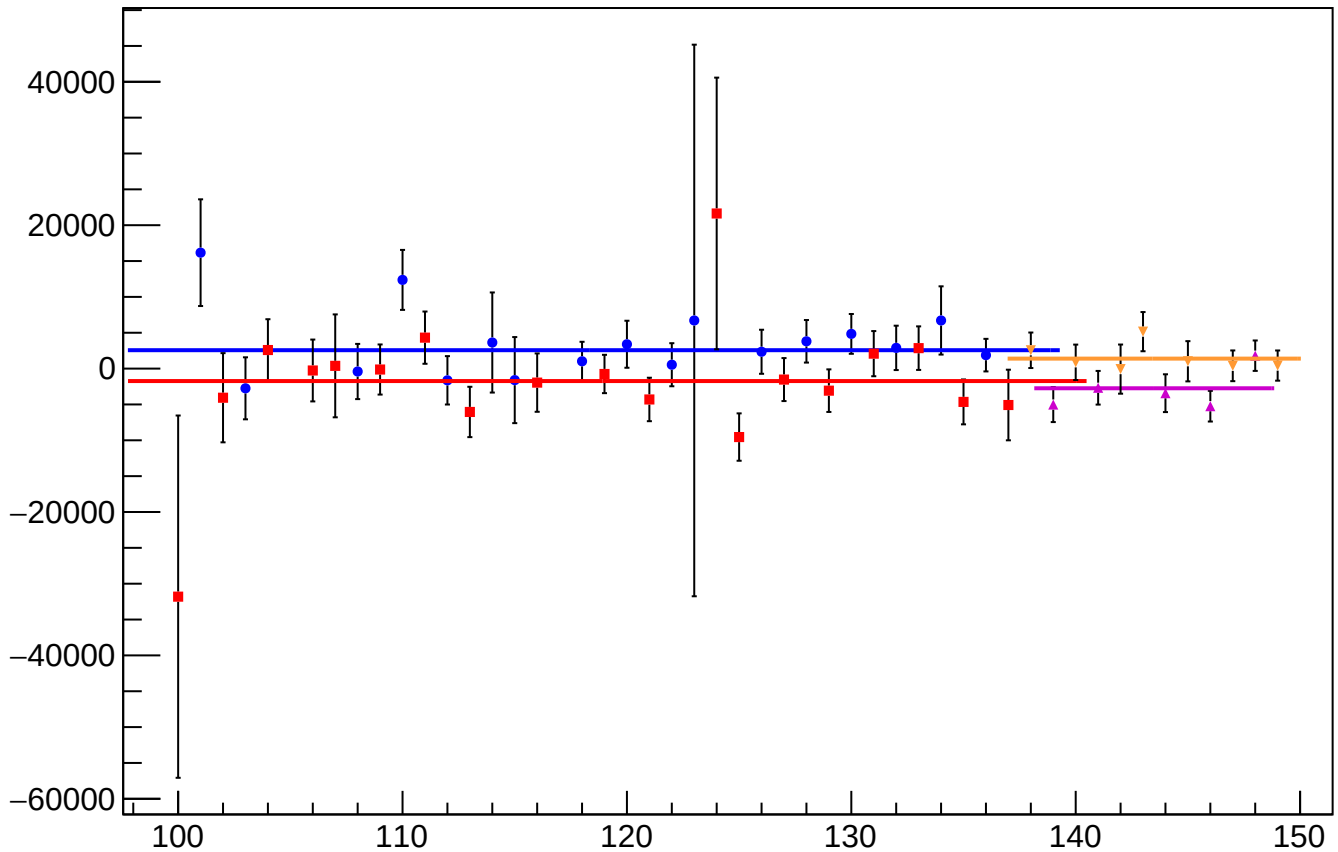
Left In: 669.931+/-0.254 χ^2/NDF : 1277372.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.857+/-0.159 χ^2/NDF : 2908648.3/11

- 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: 1392.028 $\pm$ 946.269 χ^2 /NDF: 2.8/6

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

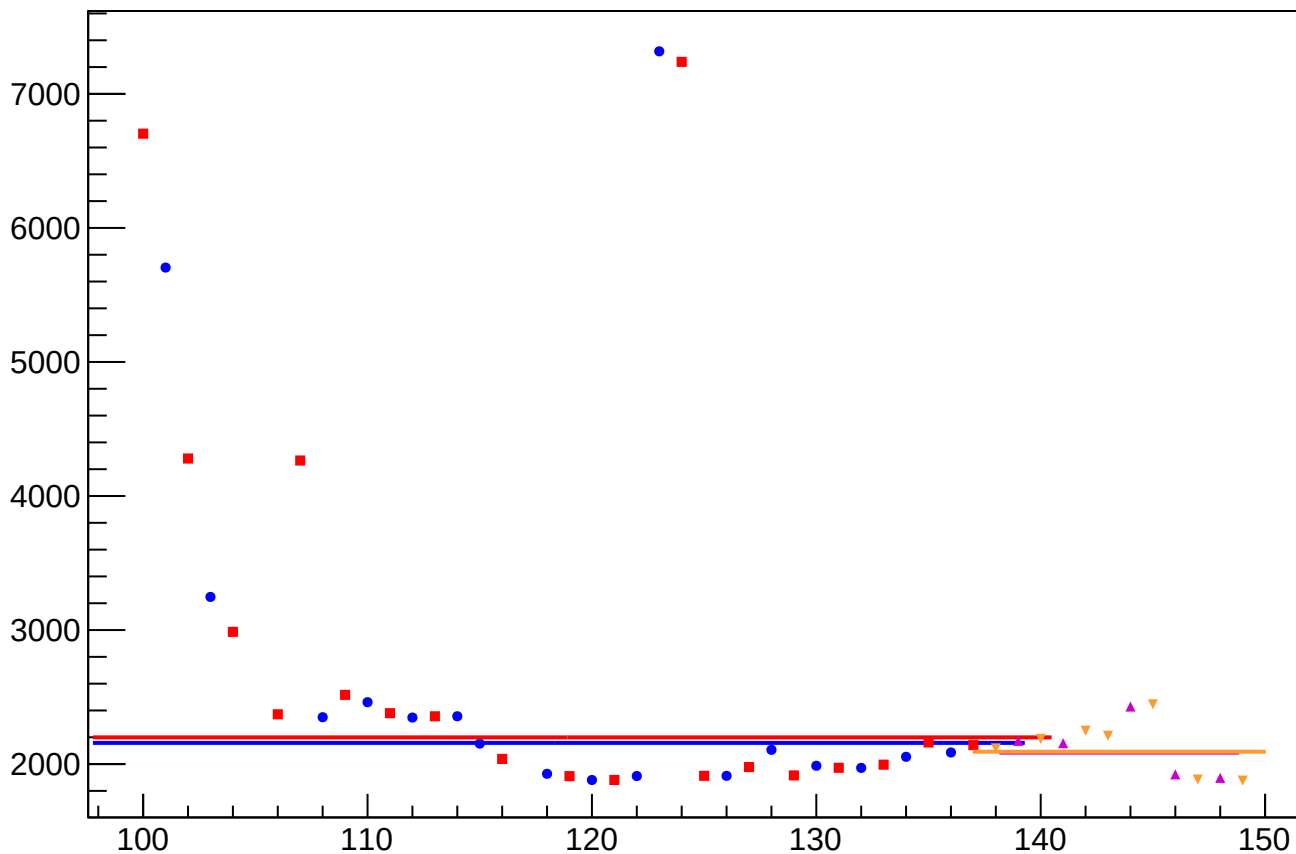
Left In: -2744.400 $\pm$ 1035.263 χ^2 /NDF: 6.9/4

+ sign 2038.045 $\pm$ 634.840 χ^2 /NDF: 19.2/23

All: 22.783 $\pm$ 457.004 χ^2 /NDF: 68.1/47

- 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: 2092.373 $\pm$ 0.669 χ^2 /NDF: 82676.5/6

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

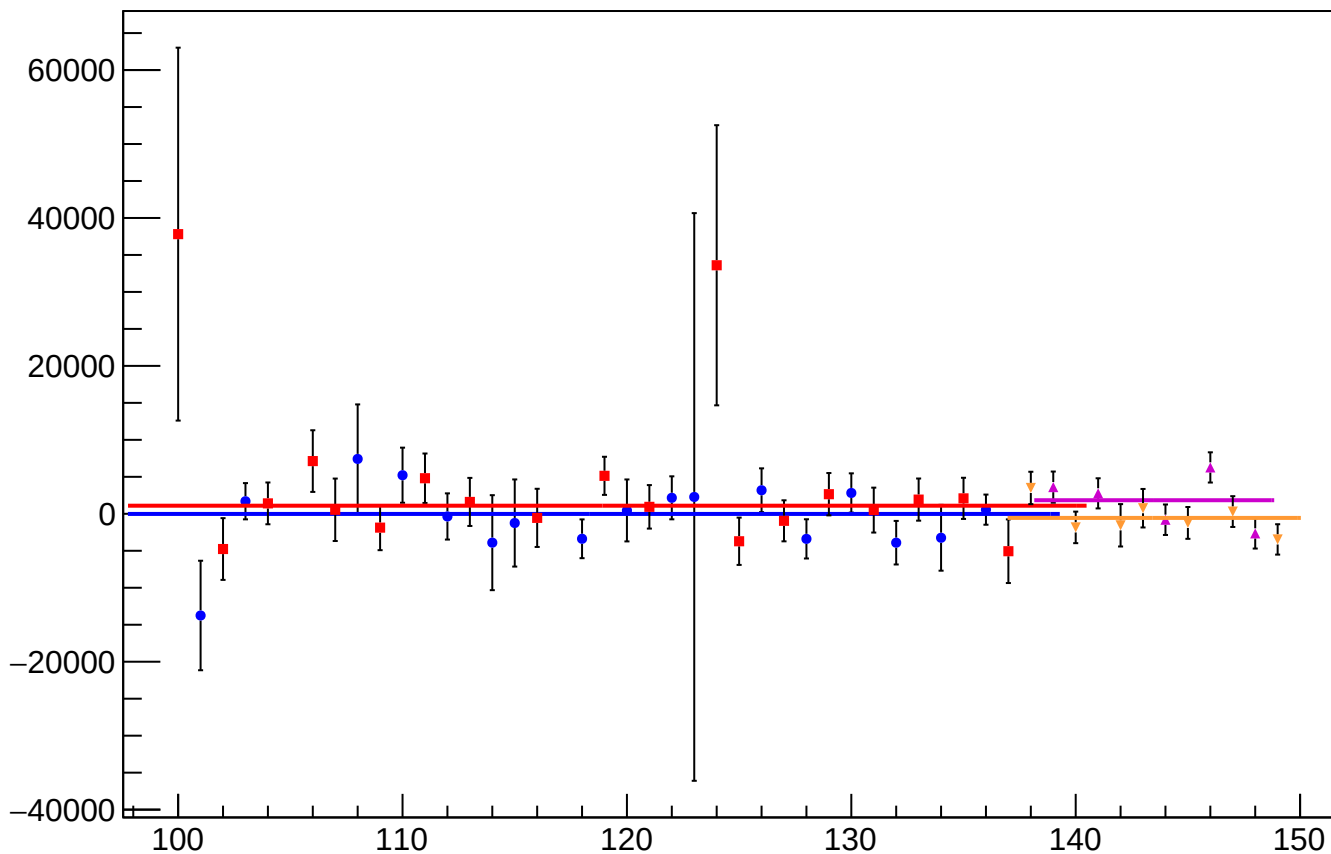
Left In: 2085.389 $\pm$ 0.732 χ^2 /NDF: 65595.5/4

+ sign 2128.543 $\pm$ 0.449 χ^2 /NDF: 801852.7/23

All: 2140.448 $\pm$ 0.323 χ^2 /NDF: 1686360.7/47

- 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: -556.508 ± 850.641 χ^2/NDF : 6.4/6

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

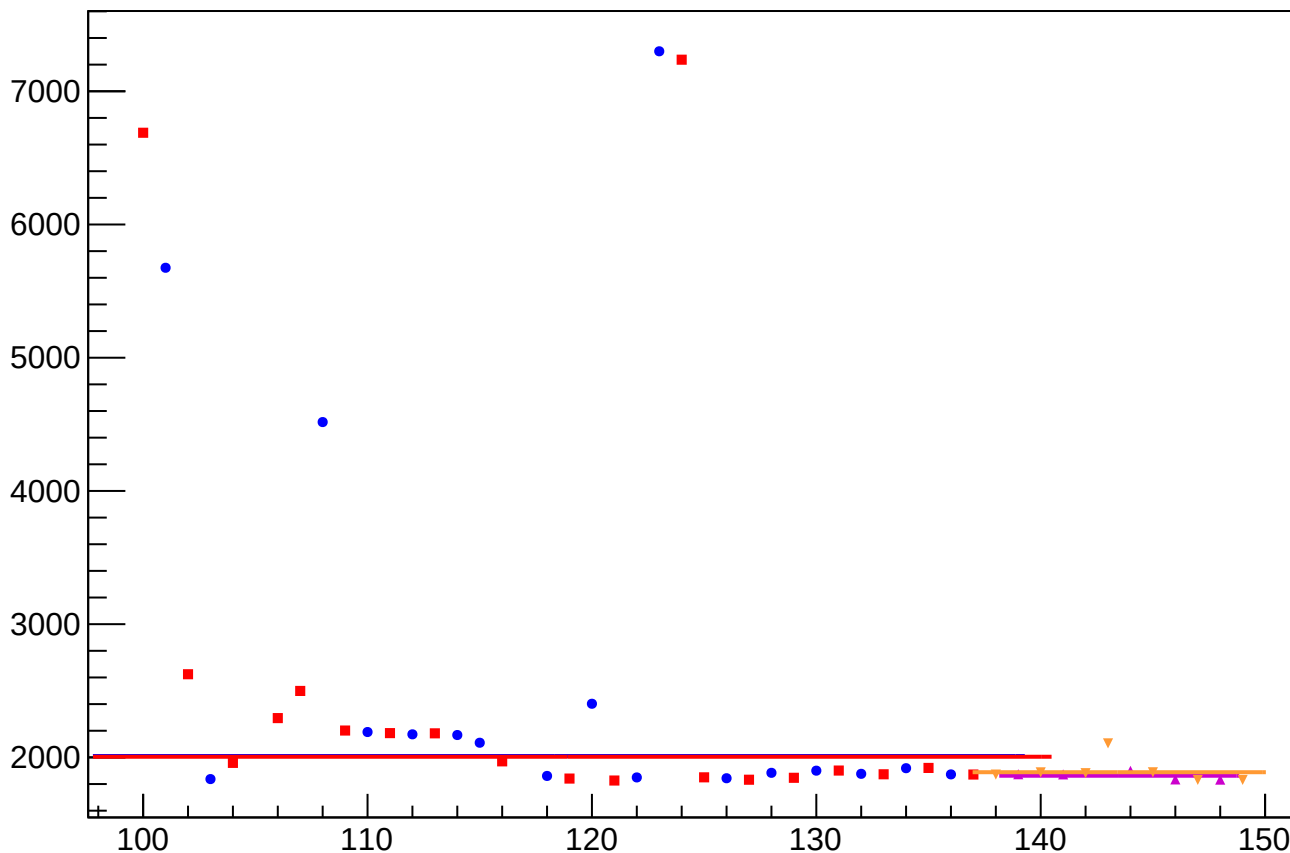
Left In: 1835.950 ± 920.574 χ^2/NDF : 12.1/4

+ sign -271.365 ± 583.309 χ^2/NDF : 22.5/23

All: 554.136 ± 414.982 χ^2/NDF : 58.4/47

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

dit_asym_at1_dd_rms vs Slug



Right In: 2010.272+/-0.567 χ^2/NDF : 839746.7/16

Left Out: 1888.770+/-0.601 χ^2/NDF : 17096.8/6

Right Out: 2004.882+/-0.544 χ^2/NDF : 367513.0/18

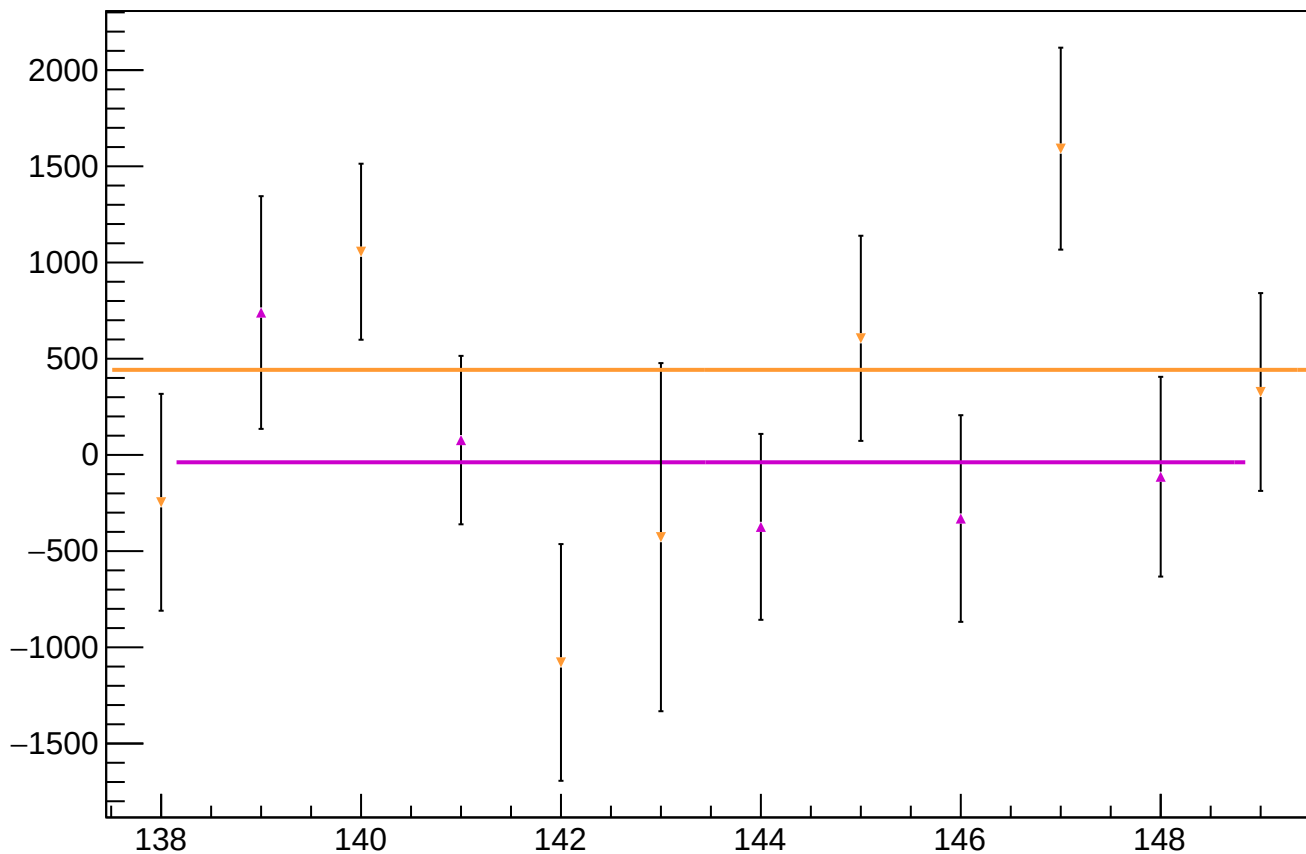
Left In: 1862.423+/-0.651 χ^2/NDF : 1516.1/4

+ sign 1953.139+/-0.412 χ^2/NDF : 878460.5/23

All: 1949.745+/-0.293 χ^2/NDF : 1275815.4/47

- sign 1946.266+/-0.418 χ^2/NDF : 397217.8/23

asym_at1_dd_correction_mean vs Slug



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

Left Out: 442.140 $\pm$ 209.765 χ^2 /NDF:15.3/6

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

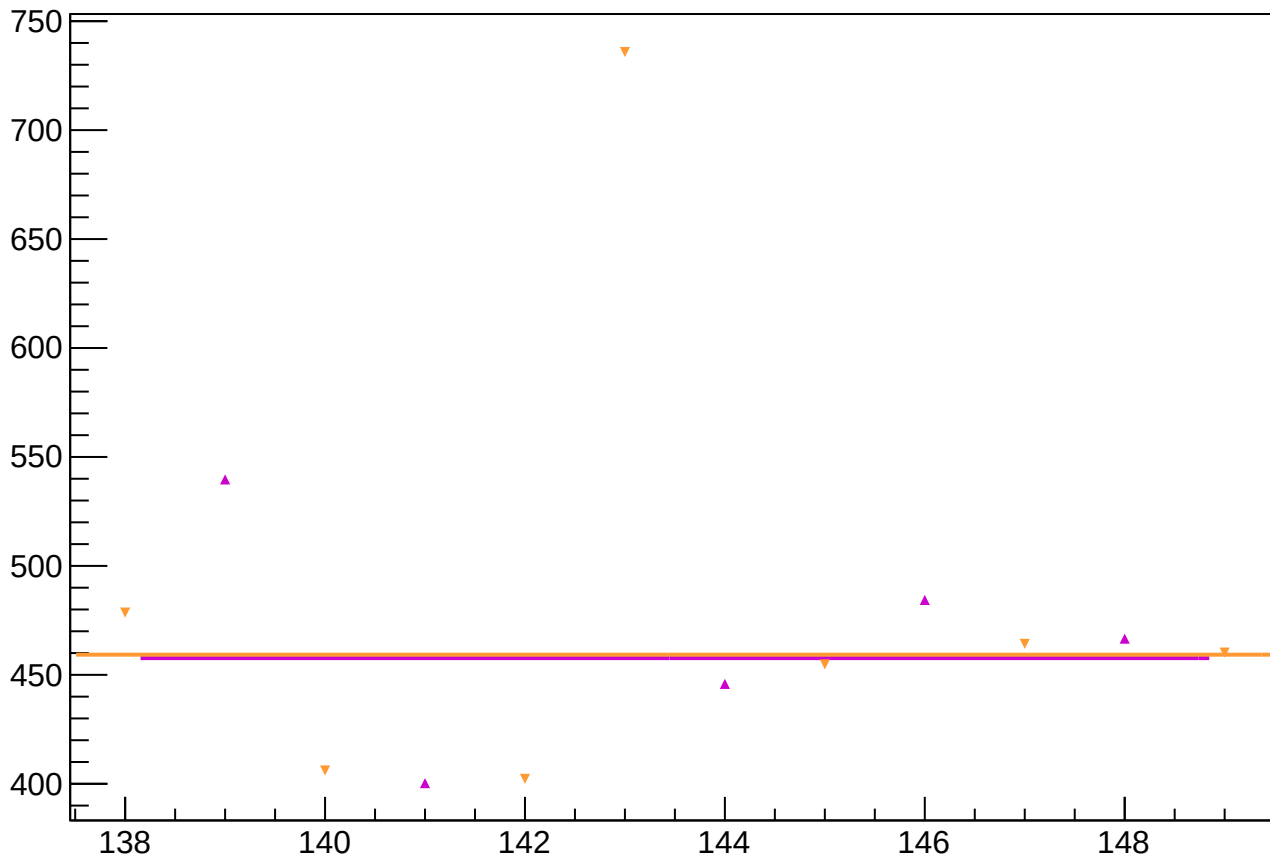
Left In: -38.285 $\pm$ 226.940 χ^2 /NDF:2.5/4

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

All: 220.792 $\pm$ 154.041 χ^2 /NDF: 20.2/11

- sign 0.000 $\pm$ 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: 459.260+/-0.148 χ^2/NDF : 233752.2/6

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

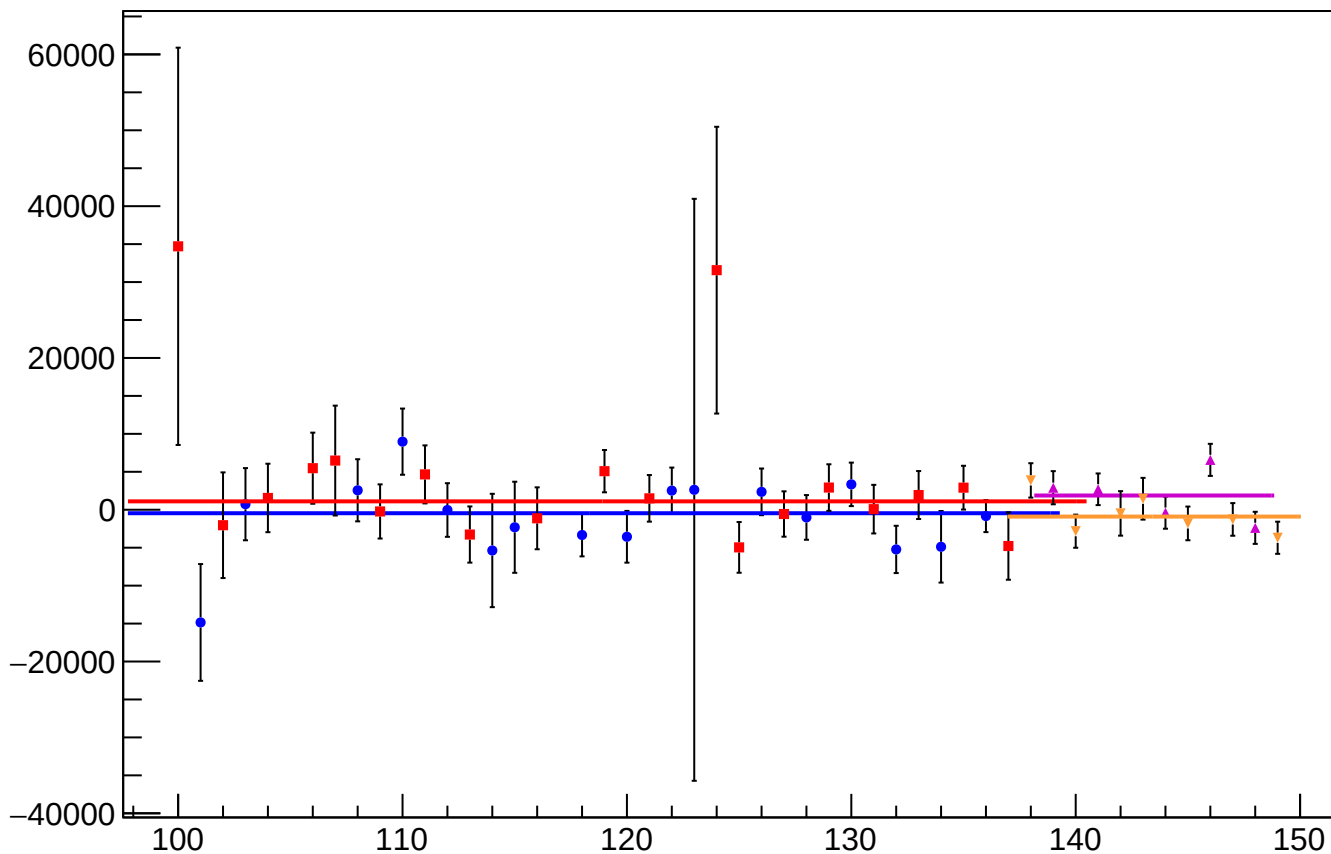
Left In: 457.676+/-0.160 χ^2/NDF : 77870.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.530+/-0.109 χ^2/NDF : 311675.6/11

- 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: -901.265+/-878.364 χ^2/NDF : 7.9/6

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

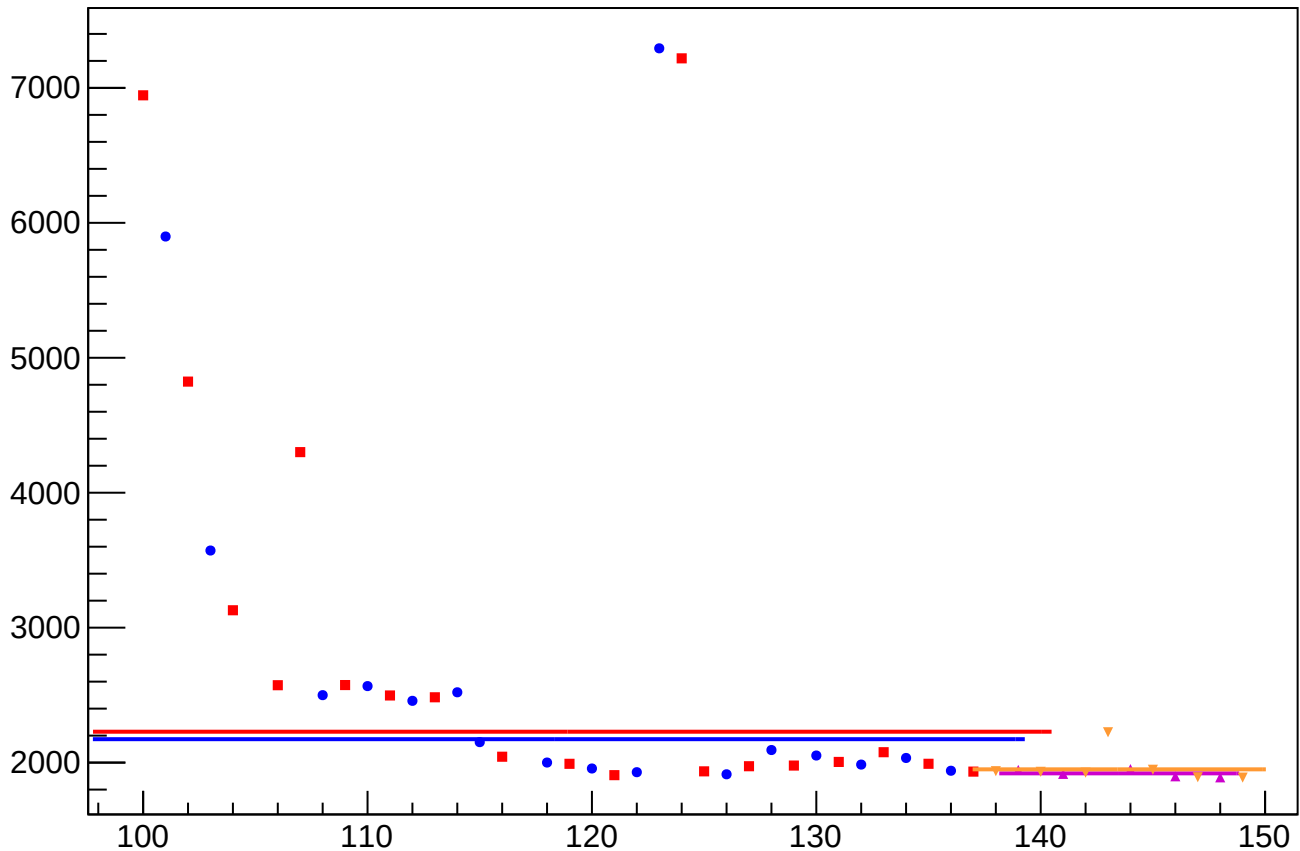
Left In: 1874.417+/-949.078 χ^2/NDF : 10.5/4

+ sign -676.431+/-616.373 χ^2/NDF : 26.1/23

All: 348.771+/-444.019 χ^2/NDF : 59.6/47

- 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: 1950.035+/-0.621 χ^2/NDF : 23467.0/6

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

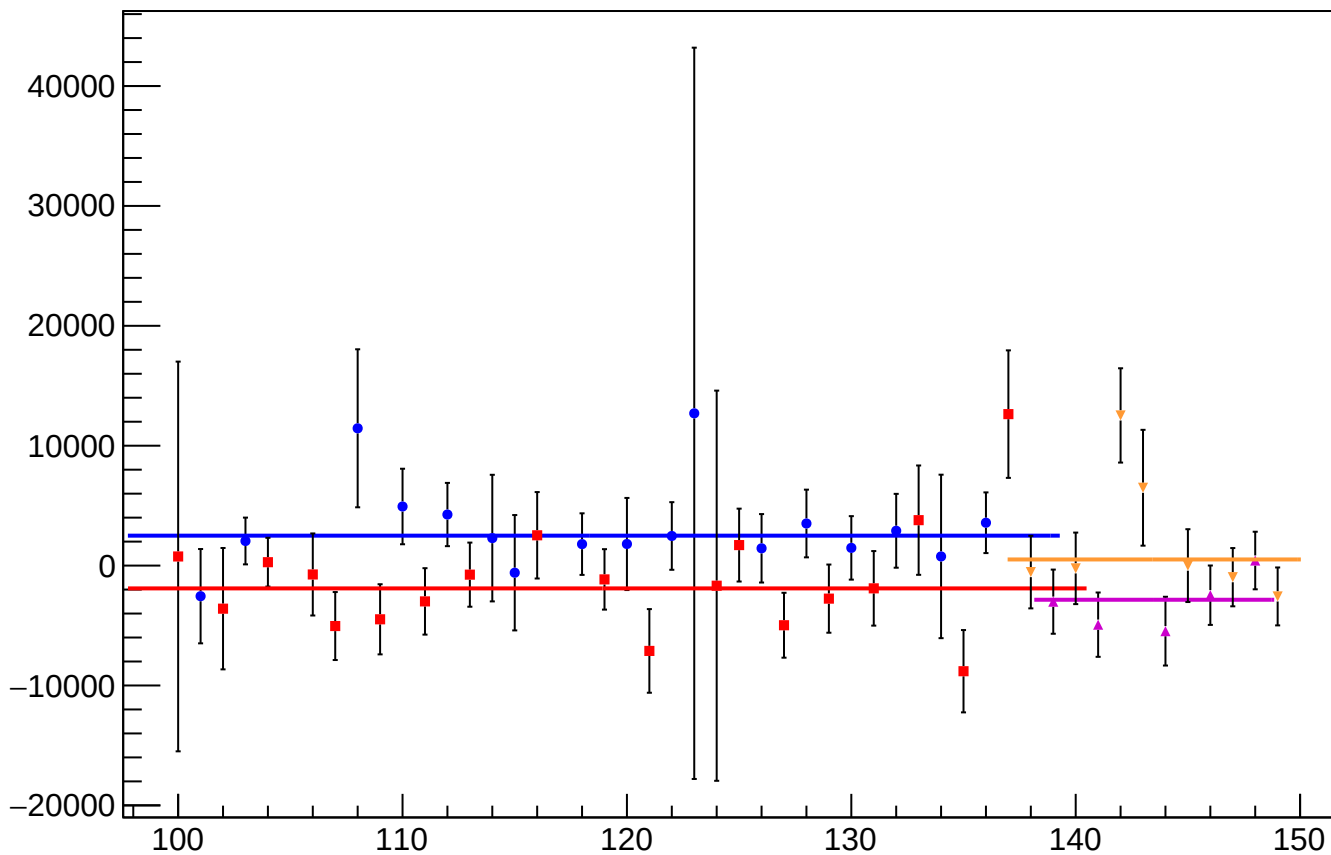
Left In: 1920.350+/-0.671 χ^2/NDF : 1335.2/4

+ sign 2063.475+/-0.436 χ^2/NDF : 894550.1/23

All: 2075.518+/-0.314 χ^2/NDF : 1908538.5/47

- 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: 511.375+/-1133.594 χ^2/NDF : 13.1/6

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

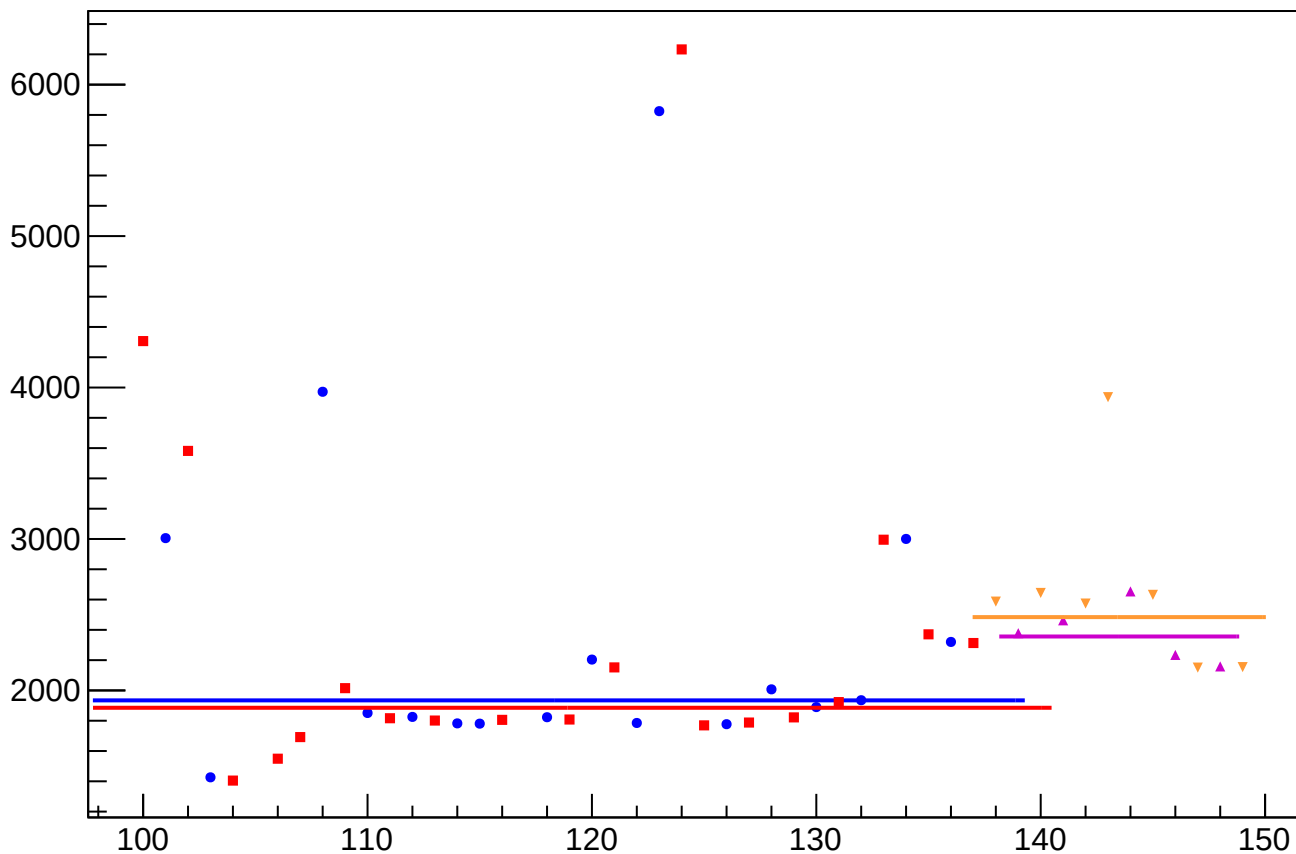
Left In: -2849.754+/-1165.165 χ^2/NDF : 3.3/4

+ sign 1871.733+/-635.987 χ^2/NDF : 21.1/23

All: -193.432+/-444.951 χ^2/NDF : 69.0/47

- 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: 2484.138+/-0.802 χ^2/NDF : 269542.9/6

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

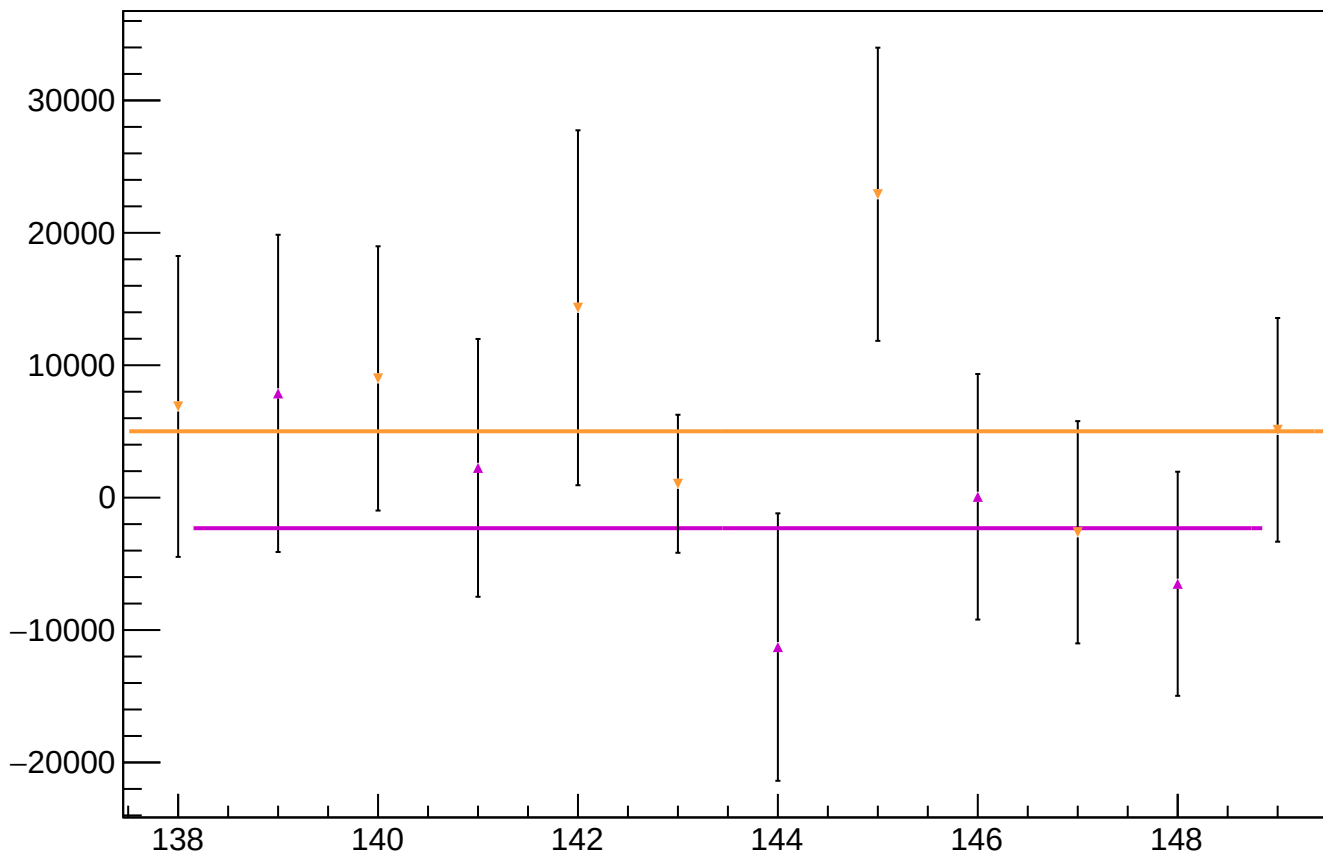
Left In: 2356.193+/-0.824 χ^2/NDF : 43219.5/4

+ sign 2107.439+/-0.450 χ^2/NDF : 1230764.7/23

All: 2062.768+/-0.315 χ^2/NDF : 2278533.1/47

- 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: 5011.032+/-3218.639 χ^2/NDF : 4.7/6

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

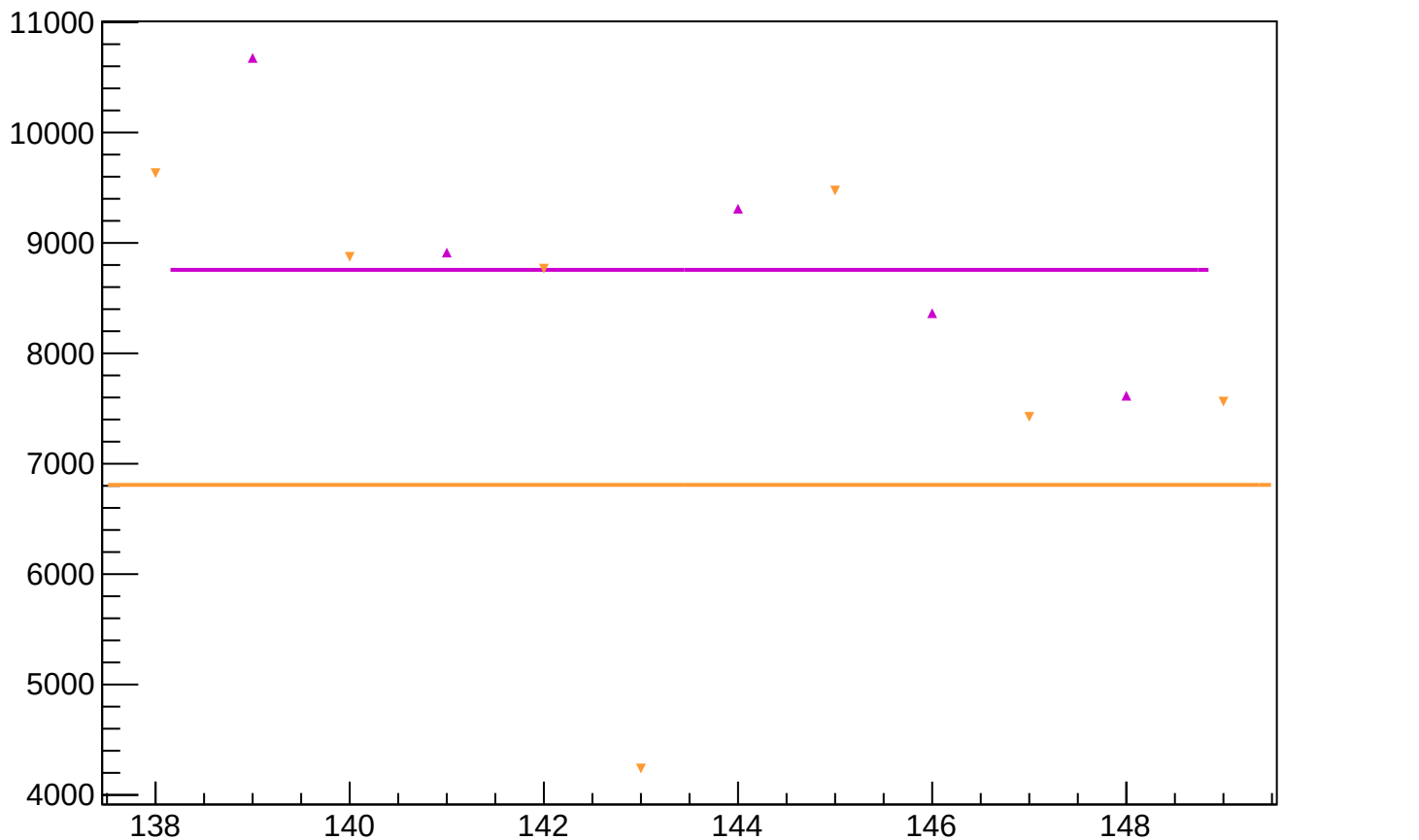
Left In: -2308.017+/-4347.388 χ^2/NDF : 2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2419.638+/-2586.829 χ^2/NDF : 8.6/11

- 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: 6808.522+/-2.276 χ^2/NDF : 880361.5/6

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

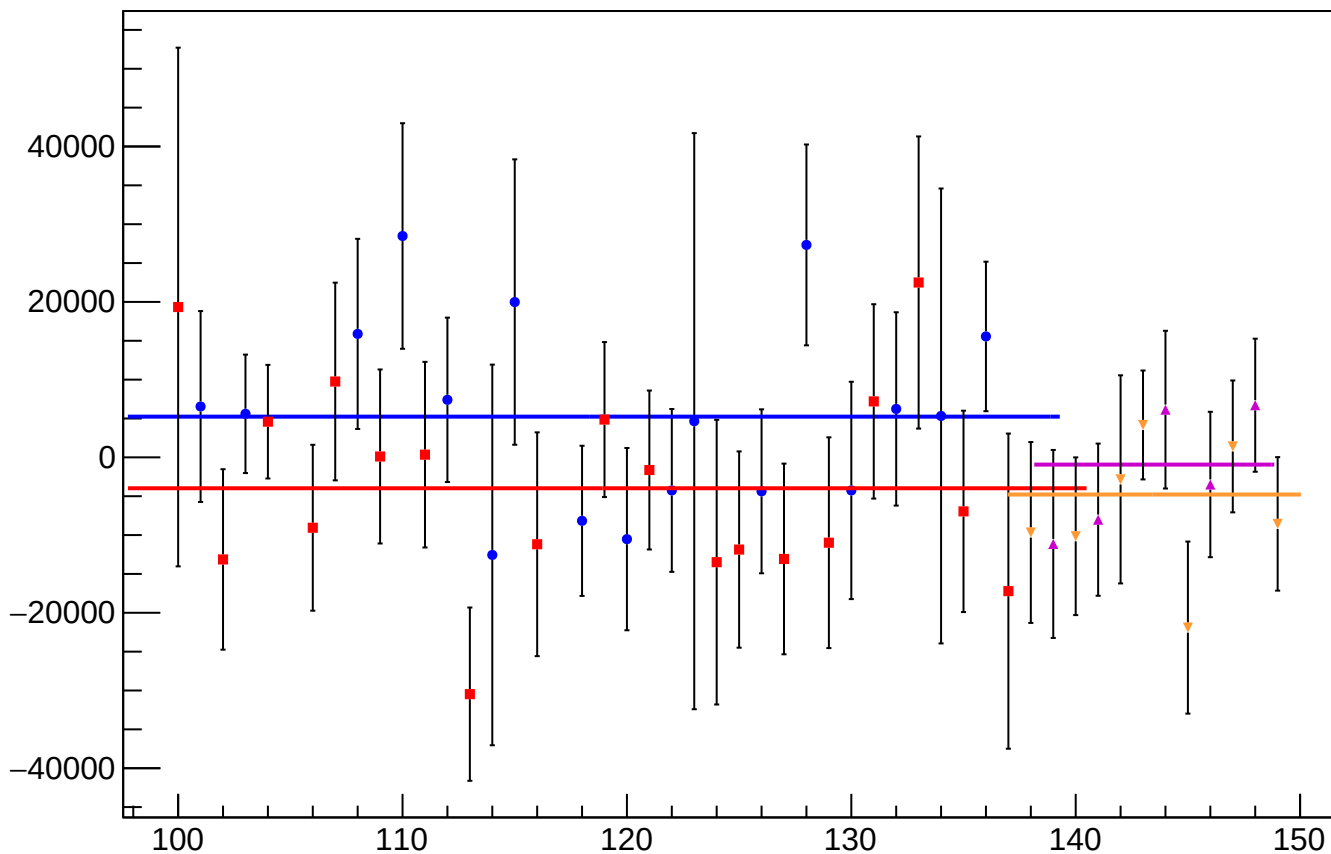
Left In: 8756.058+/-3.074 χ^2/NDF : 97763.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7498.070+/-1.829 χ^2/NDF : 1237384.7/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: -4782.534+/-3565.375 χ^2/NDF : 5.2/6

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

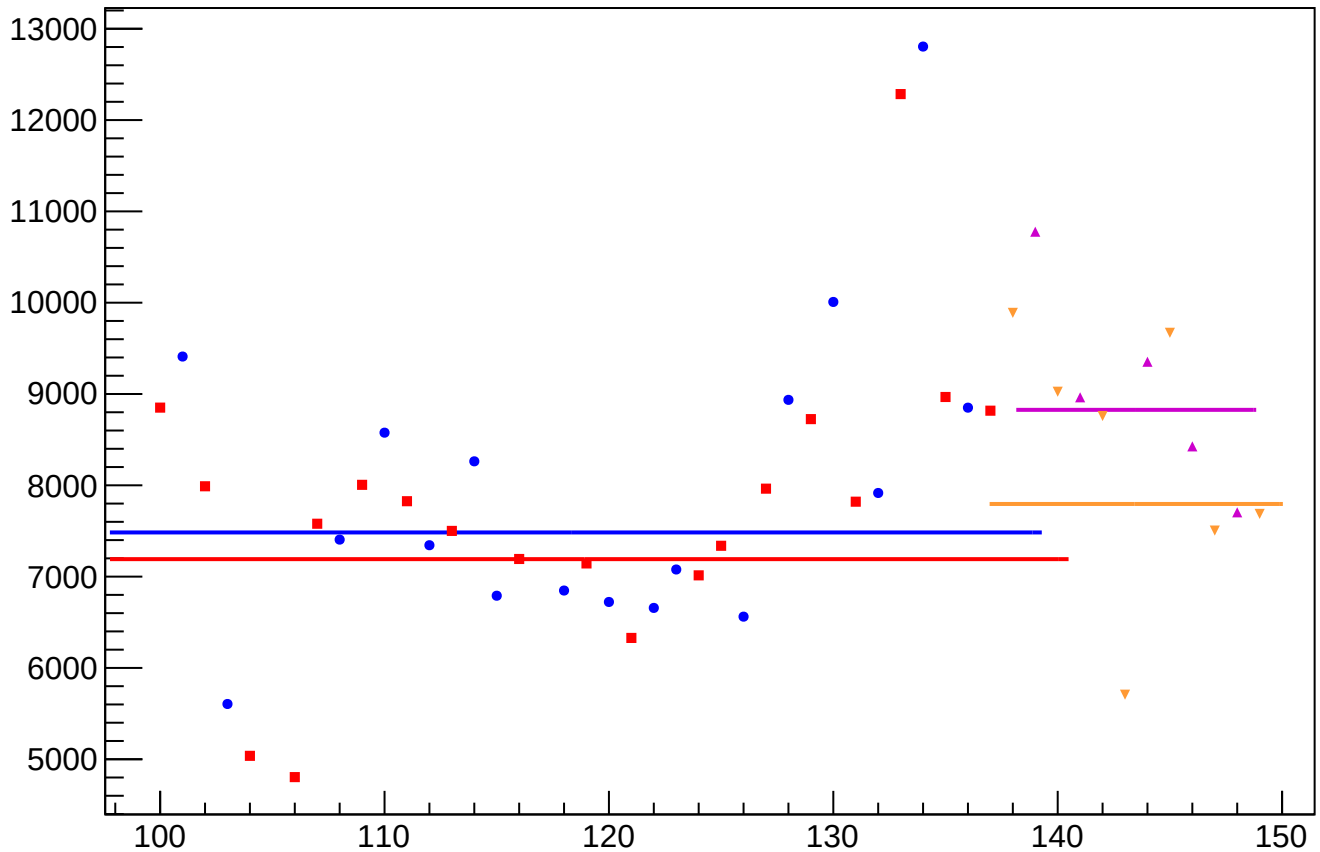
Left In: -932.998+/-4382.879 χ^2/NDF : 2.6/4

+ sign 1172.420+/-2271.113 χ^2/NDF : 24.4/23

All: -886.590+/-1634.387 χ^2/NDF : 44.7/47

- sign -3098.354+/-2353.851 χ^2/NDF : 18.6/23

asym_at2_avg_rms vs Slug



Right In: 7483.785 $\pm$ 2.083 χ^2 /NDF: 431806.2/16

Left Out: 7795.672 $\pm$ 2.521 χ^2 /NDF:342225.1/6

Right Out: 7191.451 $\pm$ 1.973 χ^2 /NDF: 558753.1/18

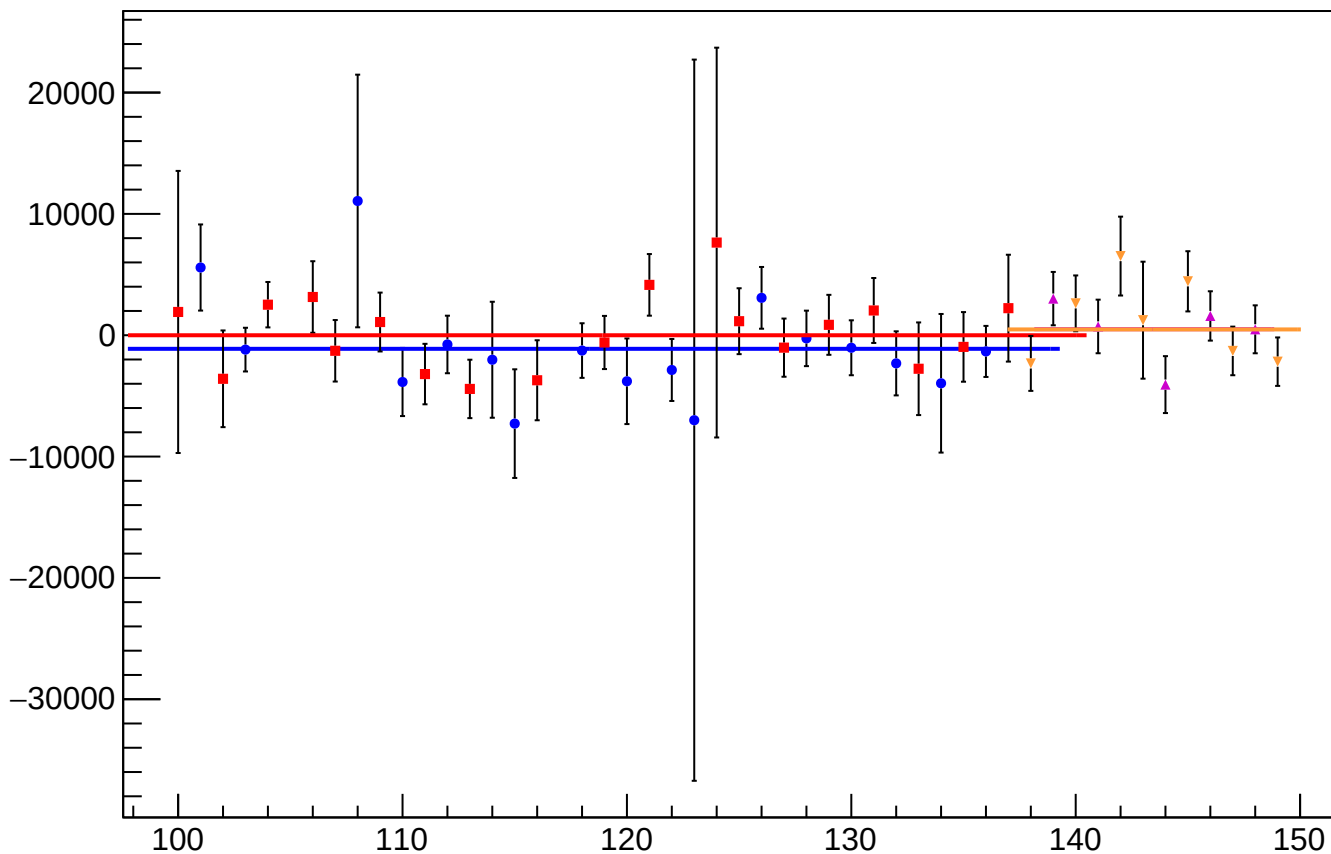
Left In: 8826.470 $\pm$ 3.099 χ^2 /NDF:95858.5/4

+ sign 7610.332 $\pm$ 1.606 χ^2 /NDF: 783125.9/23

All: 7635.703 $\pm$ 1.156 χ^2 /NDF: 1636319.8/47

- sign 7662.952 $\pm$ 1.664 χ^2 /NDF: 852676.2/23

dit_asym_at2_dd_mean vs Slug



Right In: -1120.496 $\pm$ 679.161 χ^2 /NDF: 12.3/16

Left Out: 477.524 $\pm$ 918.843 χ^2 /NDF: 11.0/6

Right Out: -2.515 $\pm$ 639.678 χ^2 /NDF: 15.5/18

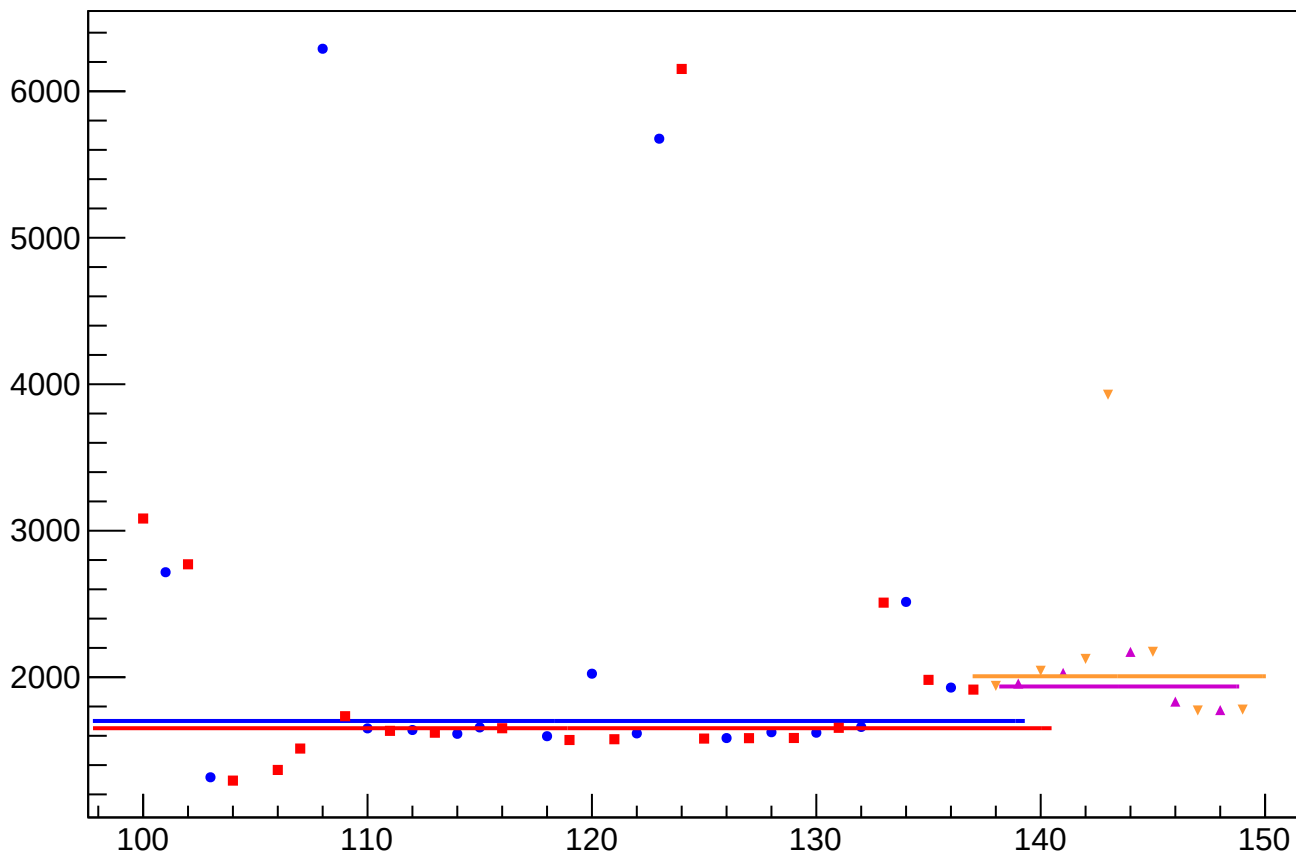
Left In: 496.778 $\pm$ 957.082 χ^2 /NDF: 5.4/4

+ sign -555.897 $\pm$ 546.161 χ^2 /NDF: 25.2/23

All: -192.715 $\pm$ 381.025 χ^2 /NDF: 47.1/47

- sign 151.655 $\pm$ 531.827 χ^2 /NDF: 21.1/23

dit_asym_at2_dd_rms vs Slug



Right In: 1701.283 ± 0.480 $\chi^2/\text{NDF}: 778718.7/16$

Left Out: 2006.443 ± 0.650 $\chi^2/\text{NDF}: 385060.3/6$

Right Out: 1651.734 ± 0.452 $\chi^2/\text{NDF}: 588842.2/18$

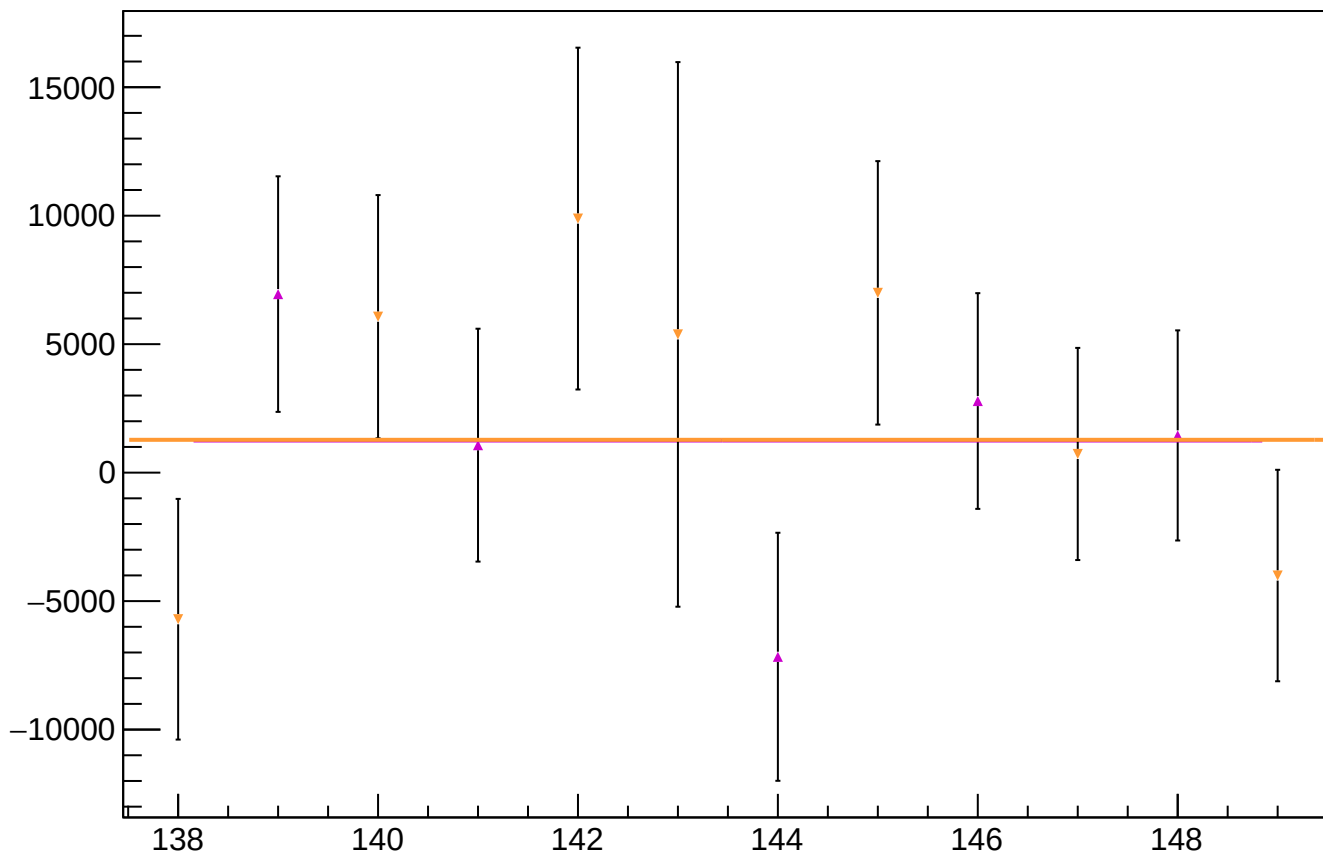
Left In: 1936.673 ± 0.677 $\chi^2/\text{NDF}: 42442.1/4$

+ sign 1809.099 ± 0.386 $\chi^2/\text{NDF}: 1306438.2/23$

All: 1773.485 ± 0.269 $\chi^2/\text{NDF}: 2076823.9/47$

- sign 1739.716 ± 0.376 $\chi^2/\text{NDF}: 753817.9/23$

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1277.277+/-1898.285 χ^2/NDF : 8.0/6

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

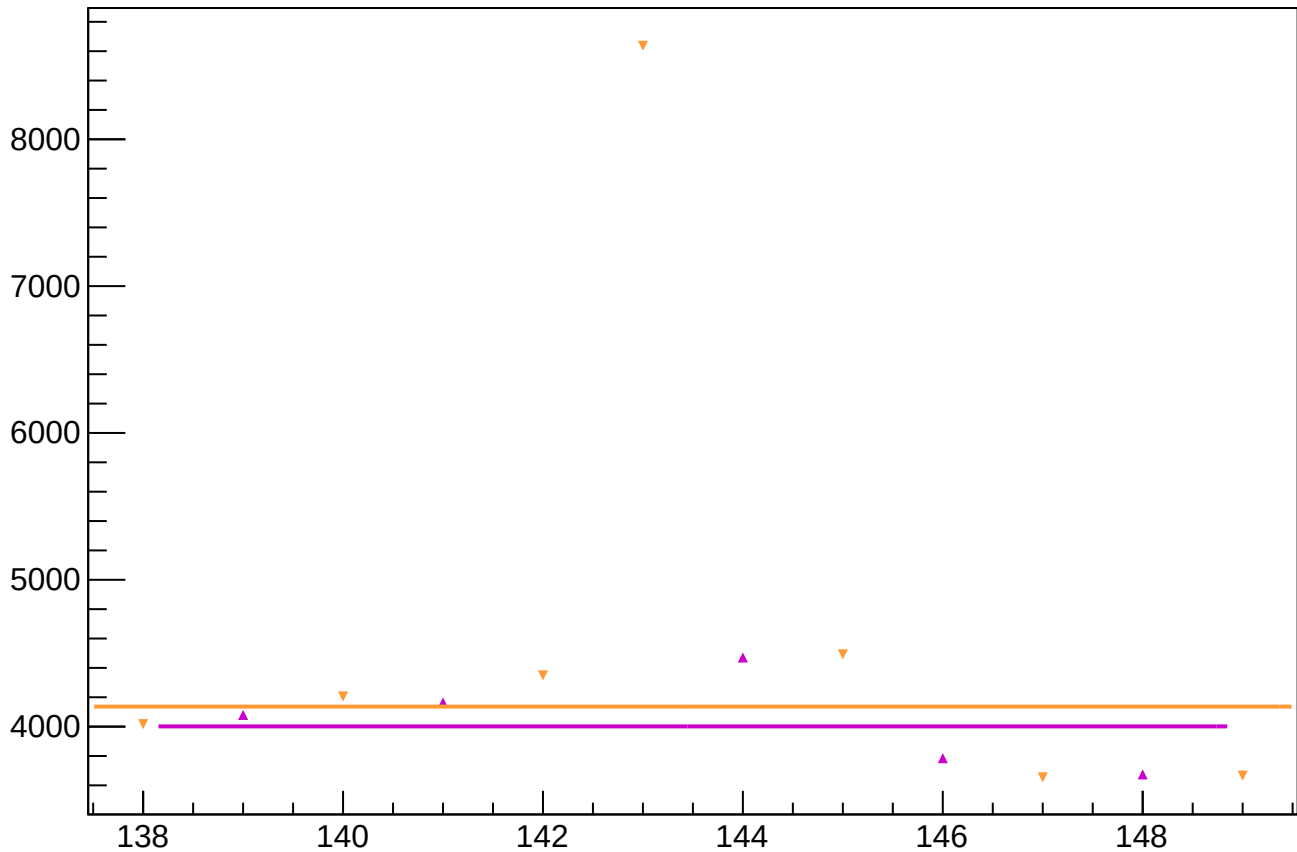
Left In: 1250.631+/-1977.300 χ^2/NDF : 4.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1264.497+/-1369.372 χ^2/NDF : 12.7/11

- 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: 4136.313+/-1.342 χ^2/NDF : 427406.9/6

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

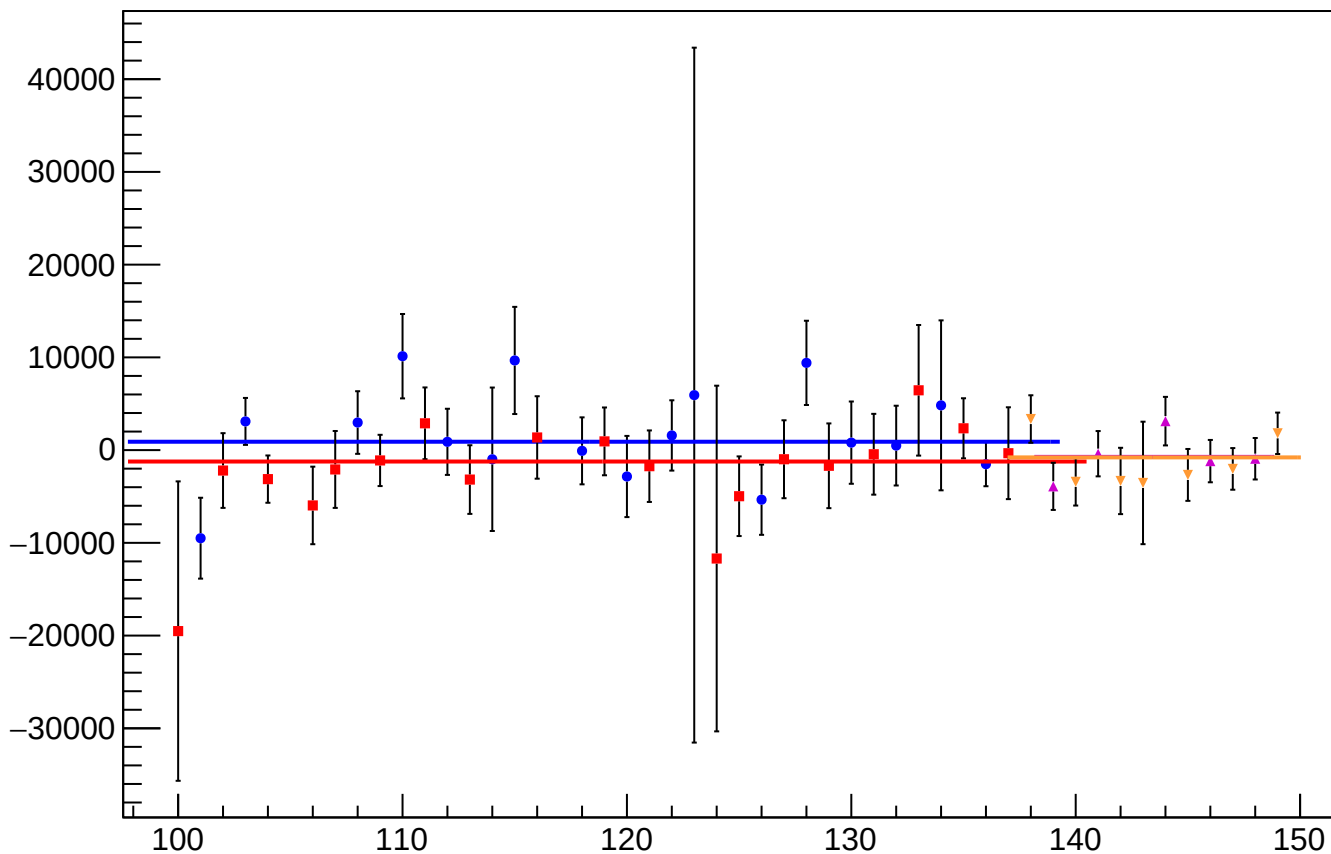
Left In: 4001.613+/-1.398 χ^2/NDF : 40157.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4071.708+/-0.968 χ^2/NDF : 472394.4/11

- 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: -785.613+/-1035.063 χ^2/NDF : 6.5/6

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

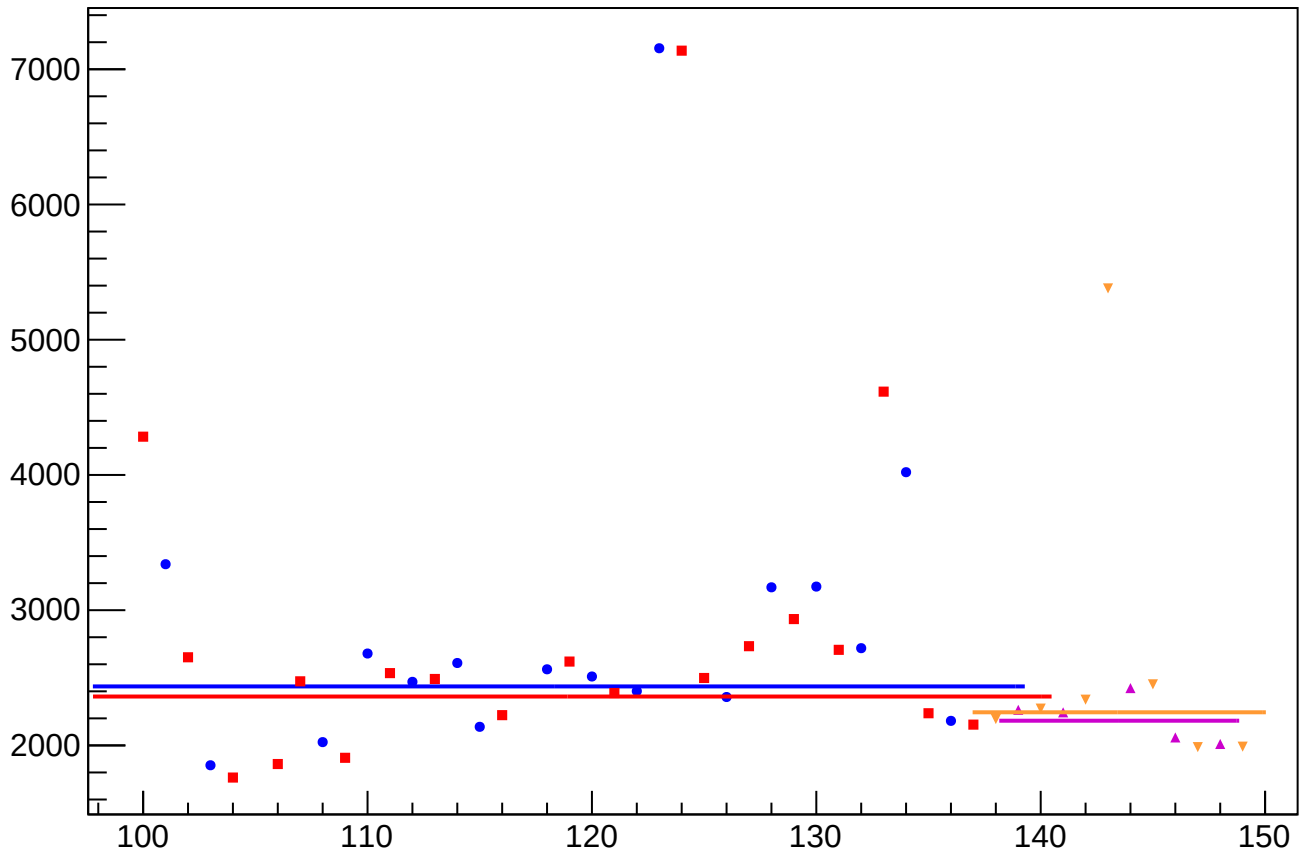
Left In: -729.035+/-1078.385 χ^2/NDF : 3.8/4

+ sign 120.608+/-704.620 χ^2/NDF : 29.5/23

All: -450.841+/-497.351 χ^2/NDF : 43.6/47

- 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: 2244.978+/-0.732 χ^2/NDF : 516153.9/6

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

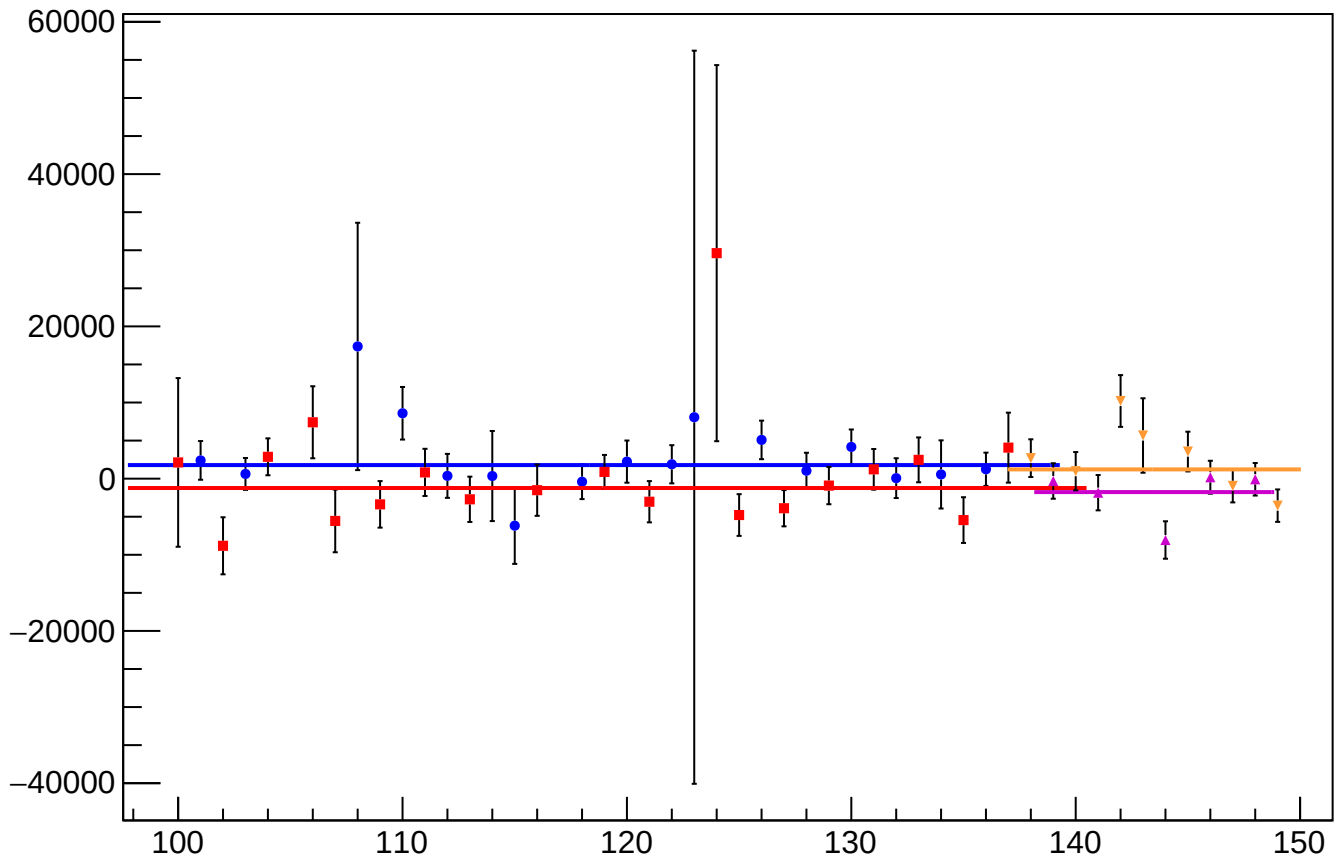
Left In: 2182.664+/-0.763 χ^2/NDF : 37959.3/4

+ sign 2347.614+/-0.498 χ^2/NDF : 1021355.3/23

All: 2316.559+/-0.352 χ^2/NDF : 1754611.1/47

- 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: 1215.539 $\pm$ 985.430 χ^2 /NDF:15.0/6

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

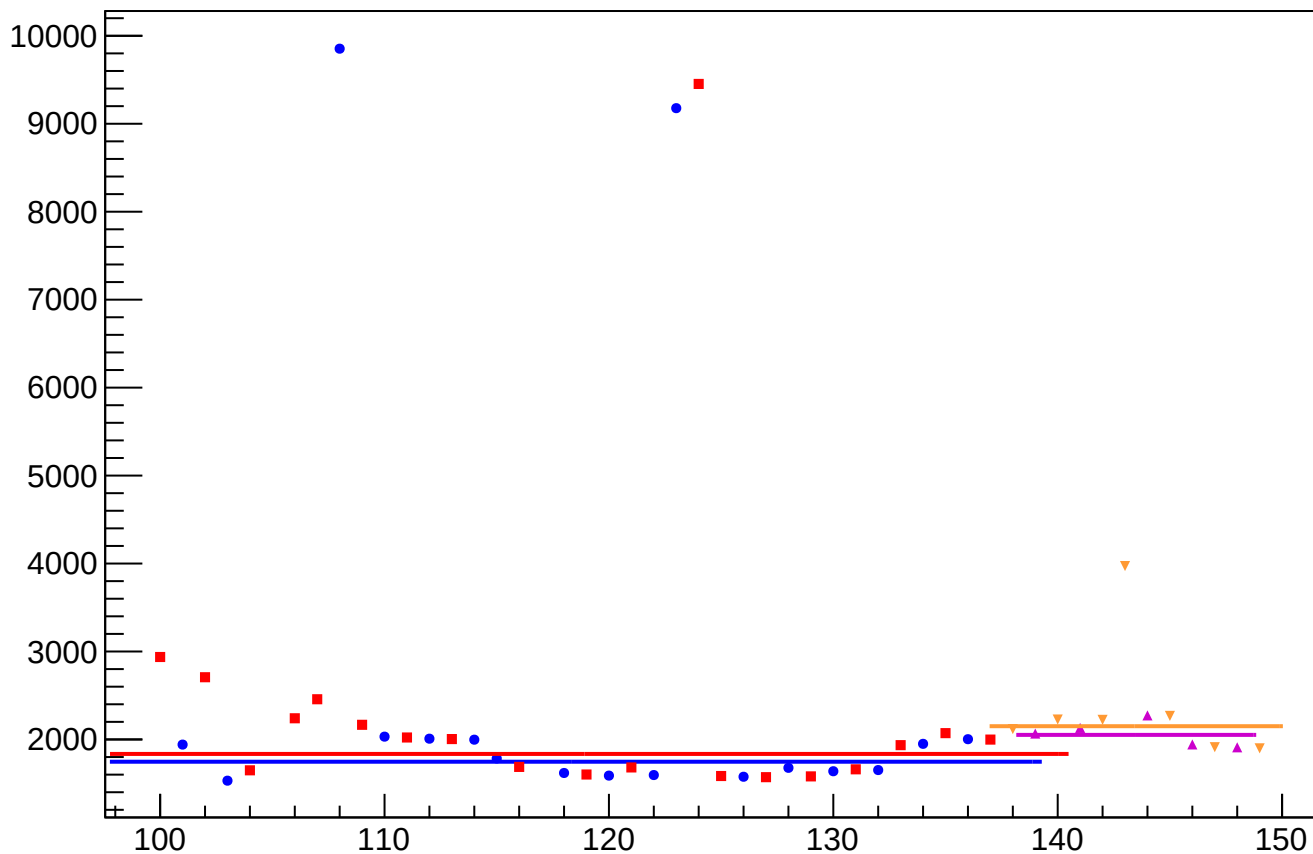
Left In: -1764.749 $\pm$ 1016.160 χ^2 /NDF:8.4/4

+ sign 1595.053 $\pm$ 567.629 χ^2 /NDF: 27.6/23

All: 130.230 $\pm$ 406.014 χ^2 /NDF: 74.1/47

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

dit_asym_atl_avg_rms vs Slug



Right In: 1746.836 $\pm$ 0.491 χ^2/NDF : 682484.5/16

Left Out: 2150.685 $\pm$ 0.697 χ^2/NDF : 336773.7/6

Right Out: 1835.413 $\pm$ 0.500 χ^2/NDF : 550402.9/18

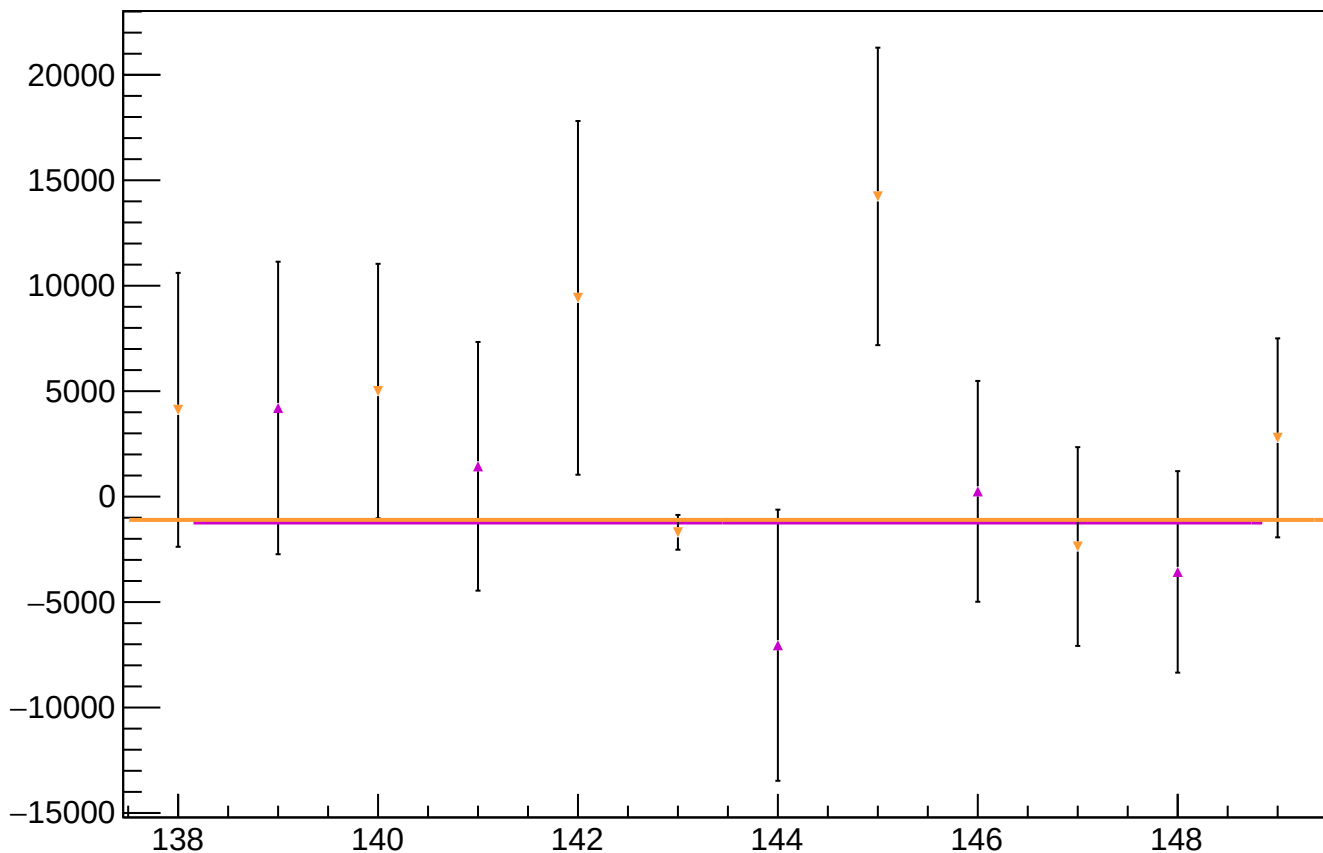
Left In: 2051.949 $\pm$ 0.719 χ^2/NDF : 32431.8/4

+ sign 1880.833 $\pm$ 0.401 χ^2/NDF : 1243708.8/23

All: 1893.175 $\pm$ 0.287 χ^2/NDF : 1889655.2/47

- sign 1906.083 $\pm$ 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: -1103.048+/-779.176 χ^2/NDF : 9.2/6

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

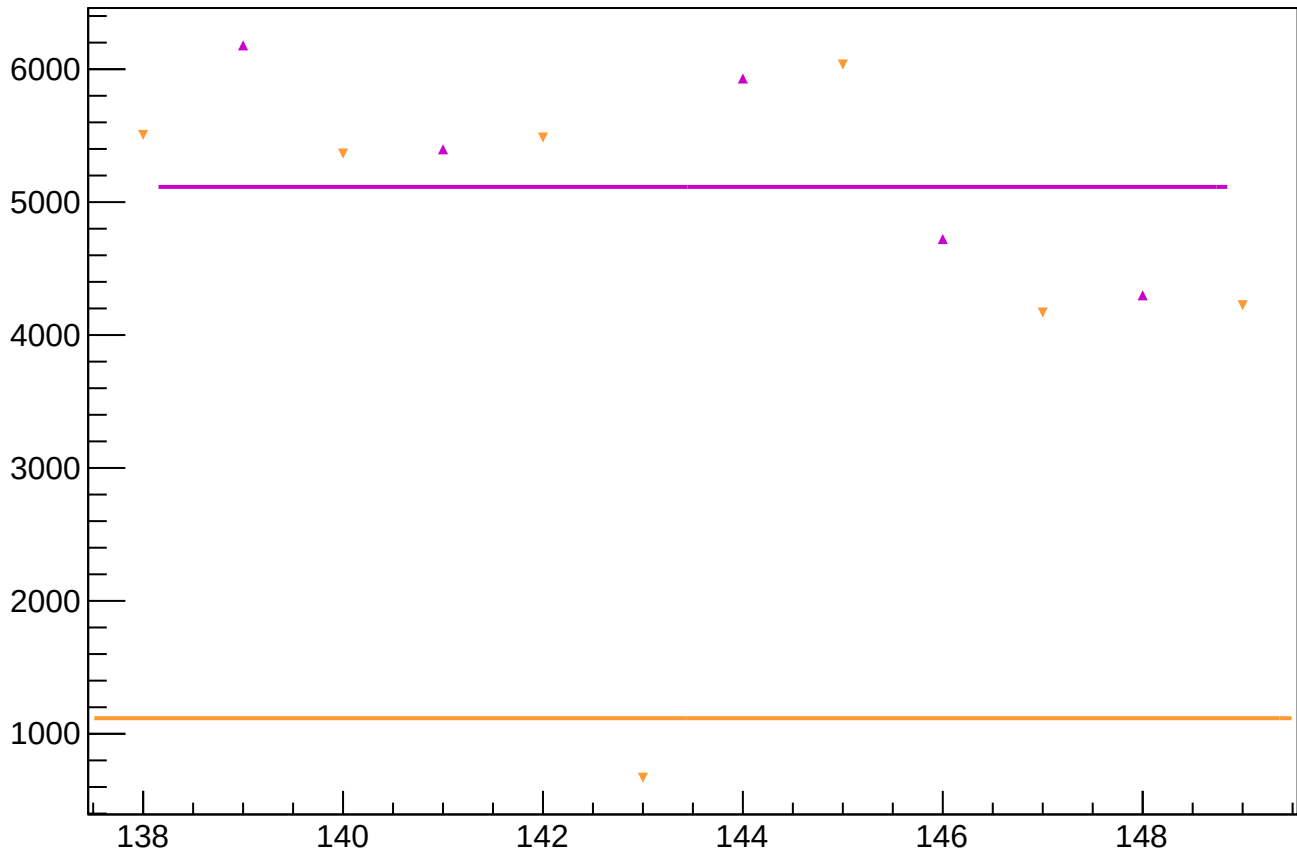
Left In: -1226.786+/-2547.702 χ^2/NDF : 2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1113.632+/-745.108 χ^2/NDF : 11.2/11

- 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: 1117.300+/-0.551 χ^2/NDF : 5715303.8/6

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

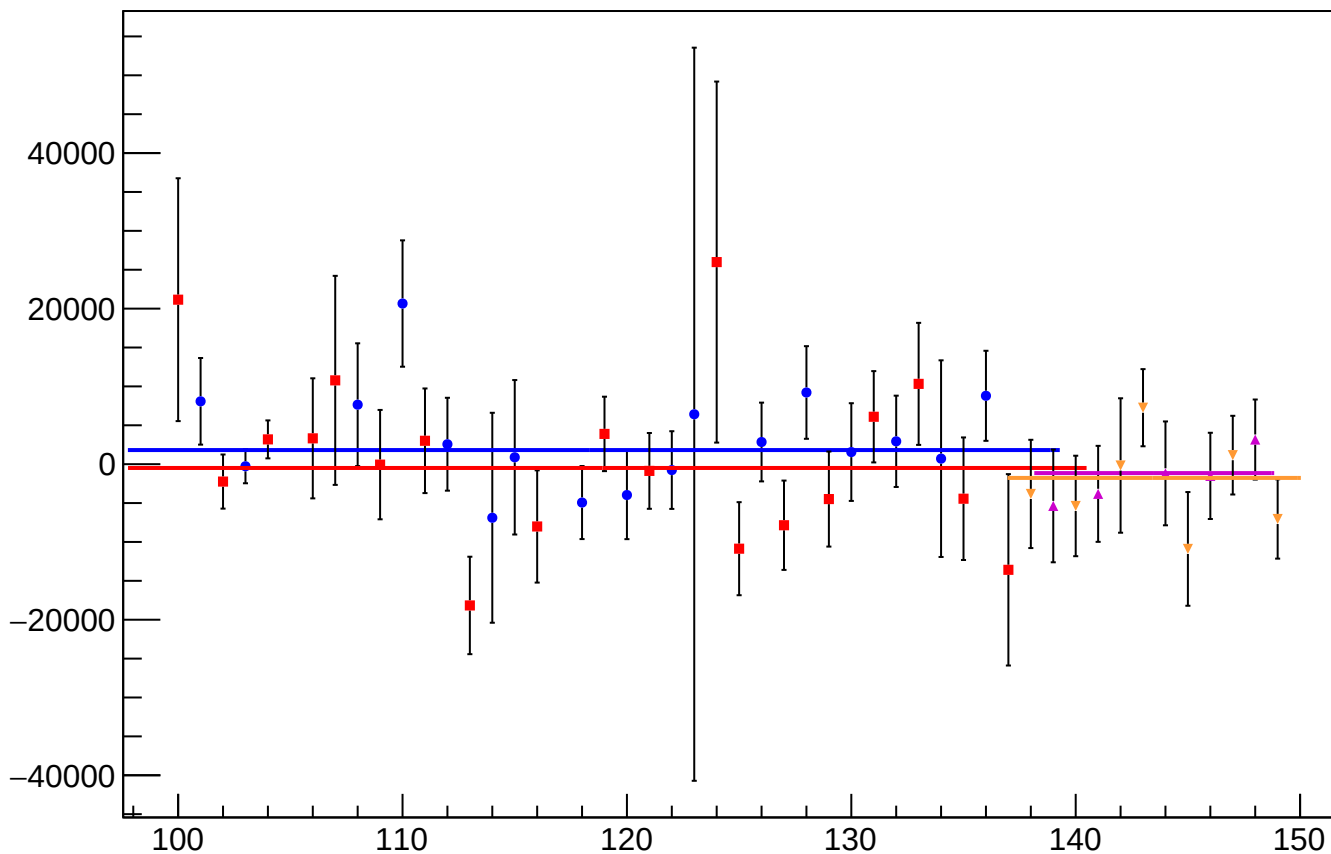
Left In: 5114.517+/-1.801 χ^2/NDF : 153475.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.199+/-0.527 χ^2/NDF : 10370885.0/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: -1767.845+/-2265.319 χ^2/NDF : 6.7/6

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

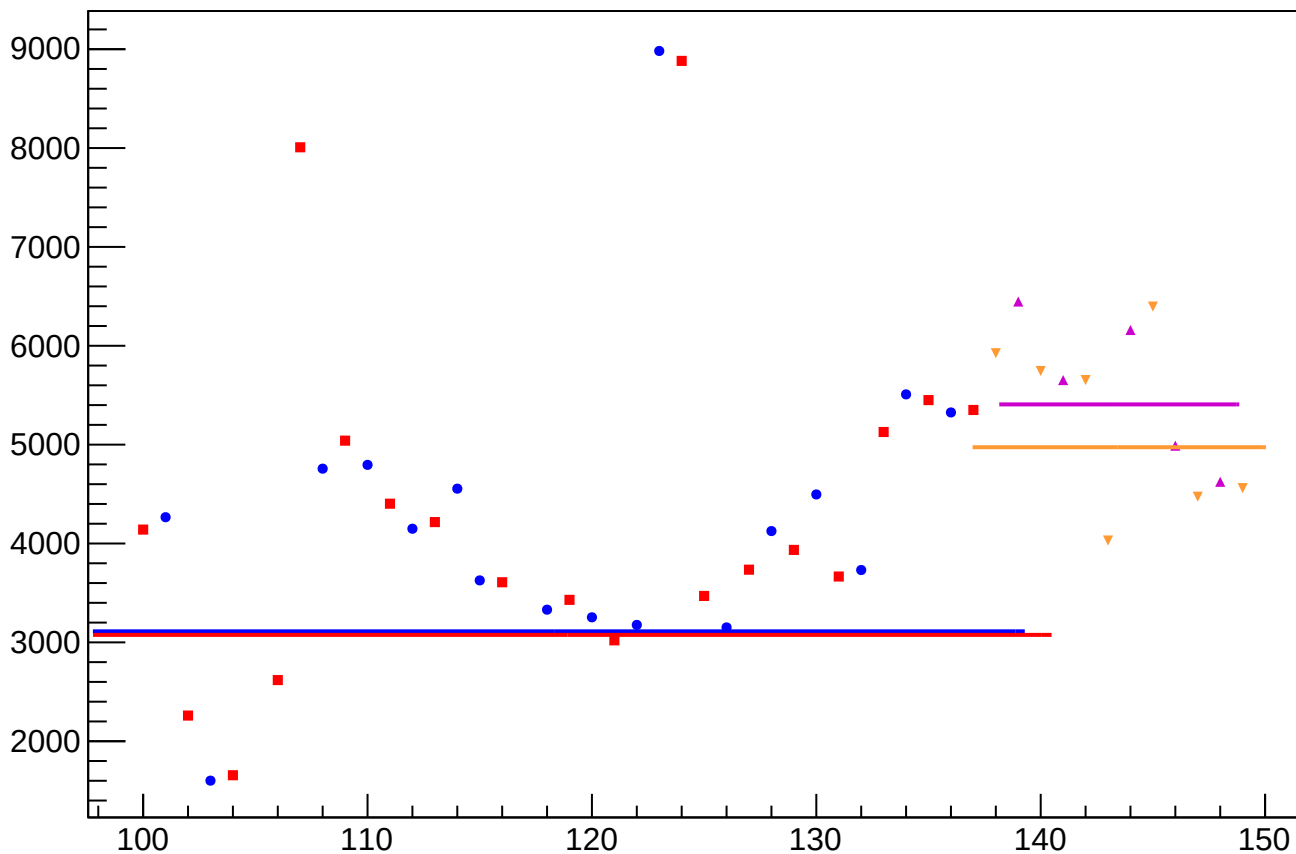
Left In: -1146.697+/-2691.810 χ^2/NDF : 1.2/4

+ sign 925.488+/-1128.384 χ^2/NDF : 23.6/23

All: 178.895+/-808.980 χ^2/NDF : 52.3/47

- 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: 4973.821+/-1.602 χ^2/NDF : 259025.0/6

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

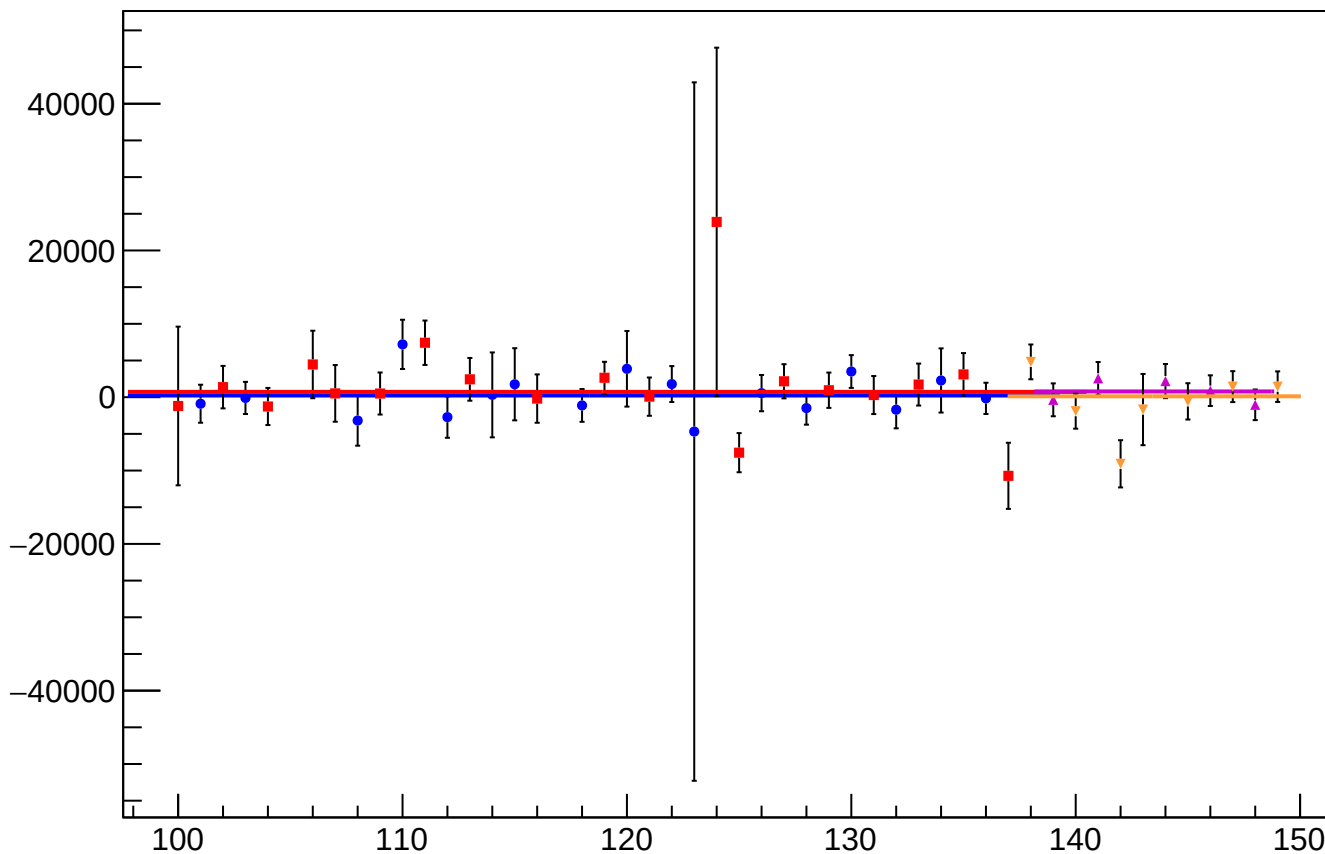
Left In: 5407.055+/-1.903 χ^2/NDF : 127392.7/4

+ sign 3573.613+/-0.798 χ^2/NDF : 3154275.0/23

All: 3536.838+/-0.569 χ^2/NDF : 6523417.2/47

- 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: 119.735+/-948.710 χ^2/NDF :13.8/6

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

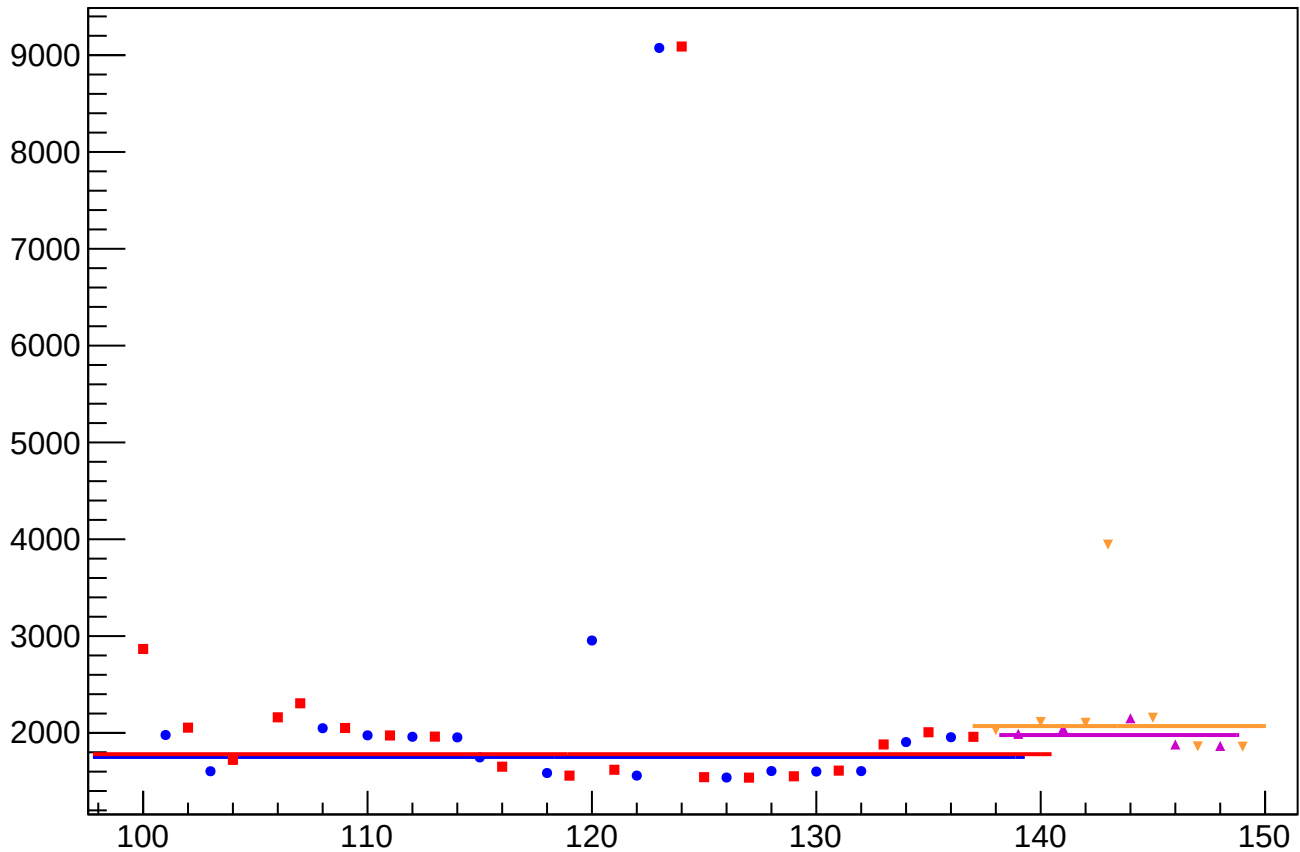
Left In: 782.582+/-978.717 χ^2/NDF :2.0/4

+ sign 193.609+/-556.316 χ^2/NDF : 25.4/23

All: 466.962+/-394.932 χ^2/NDF : 53.7/47

- 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: 2070.615+/-0.671 χ^2/NDF : 342516.6/6

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

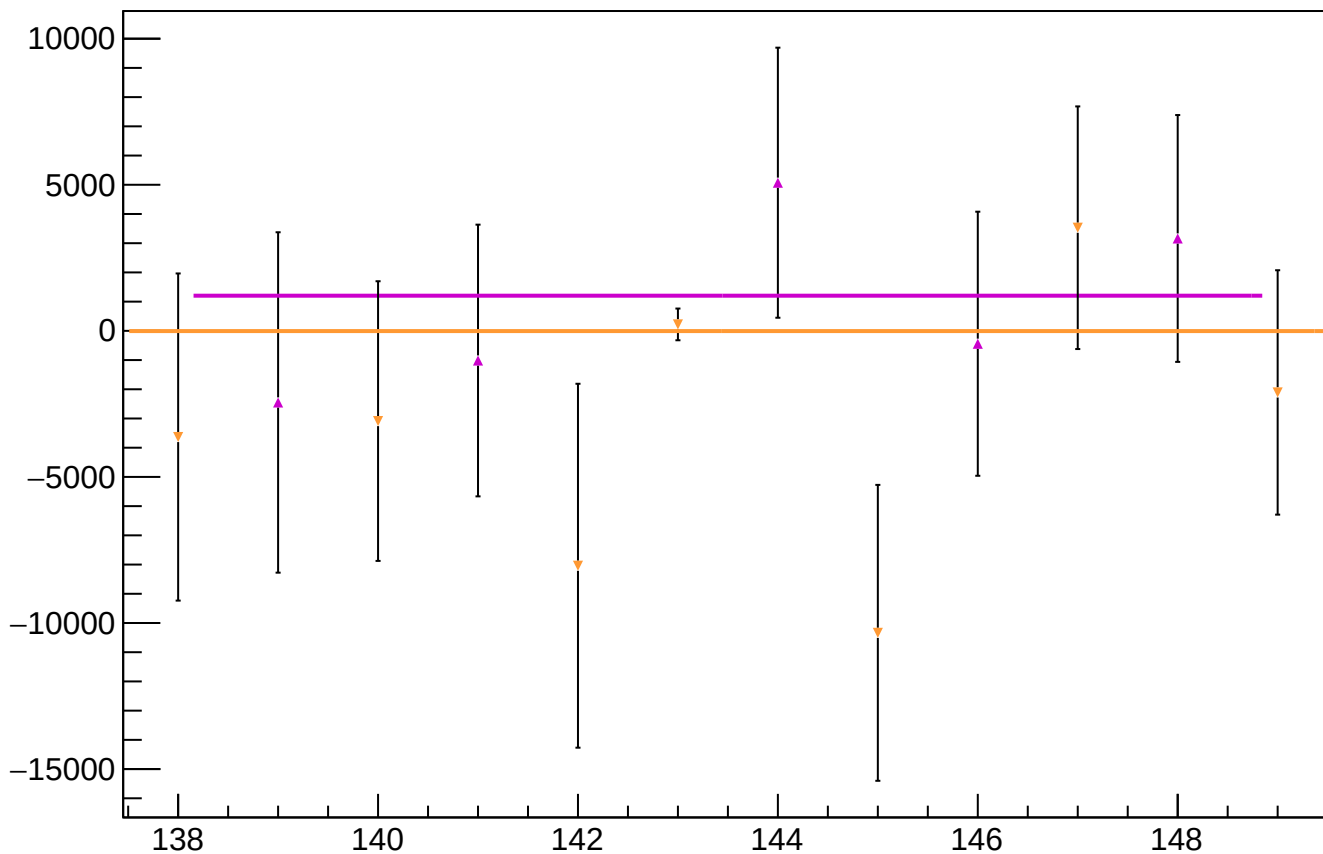
Left In: 1977.966+/-0.692 χ^2/NDF : 23156.3/4

+ sign 1861.459+/-0.393 χ^2/NDF : 791565.4/23

All: 1853.279+/-0.279 χ^2/NDF : 1298827.6/47

- 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: -8.040+/-523.569 χ^2/NDF : 7.8/6

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

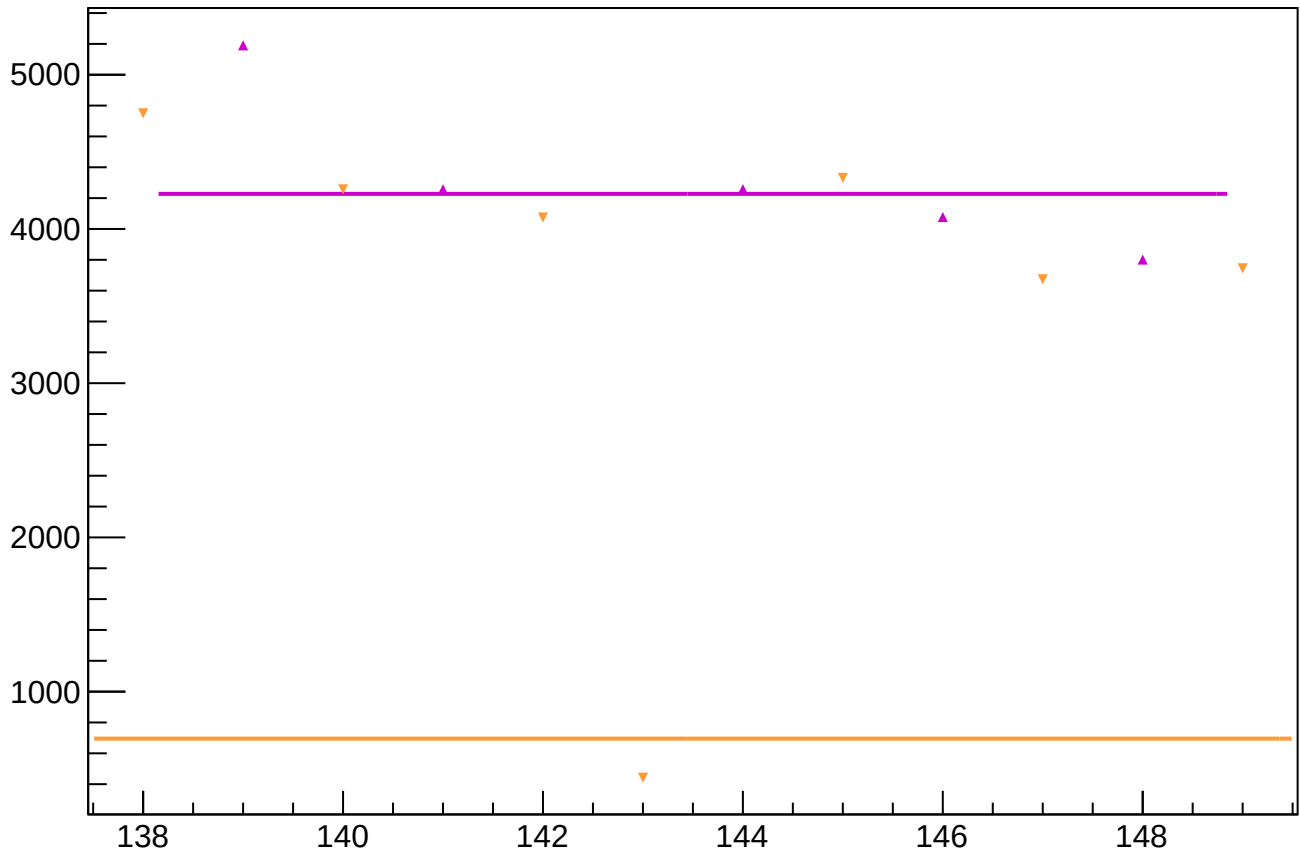
Left In: 1203.328+/-2096.544 χ^2/NDF : 1.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.071+/-507.969 χ^2/NDF : 9.8/11

- 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: 695.395+/-0.370 χ^2/NDF : 6303825.3/6

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

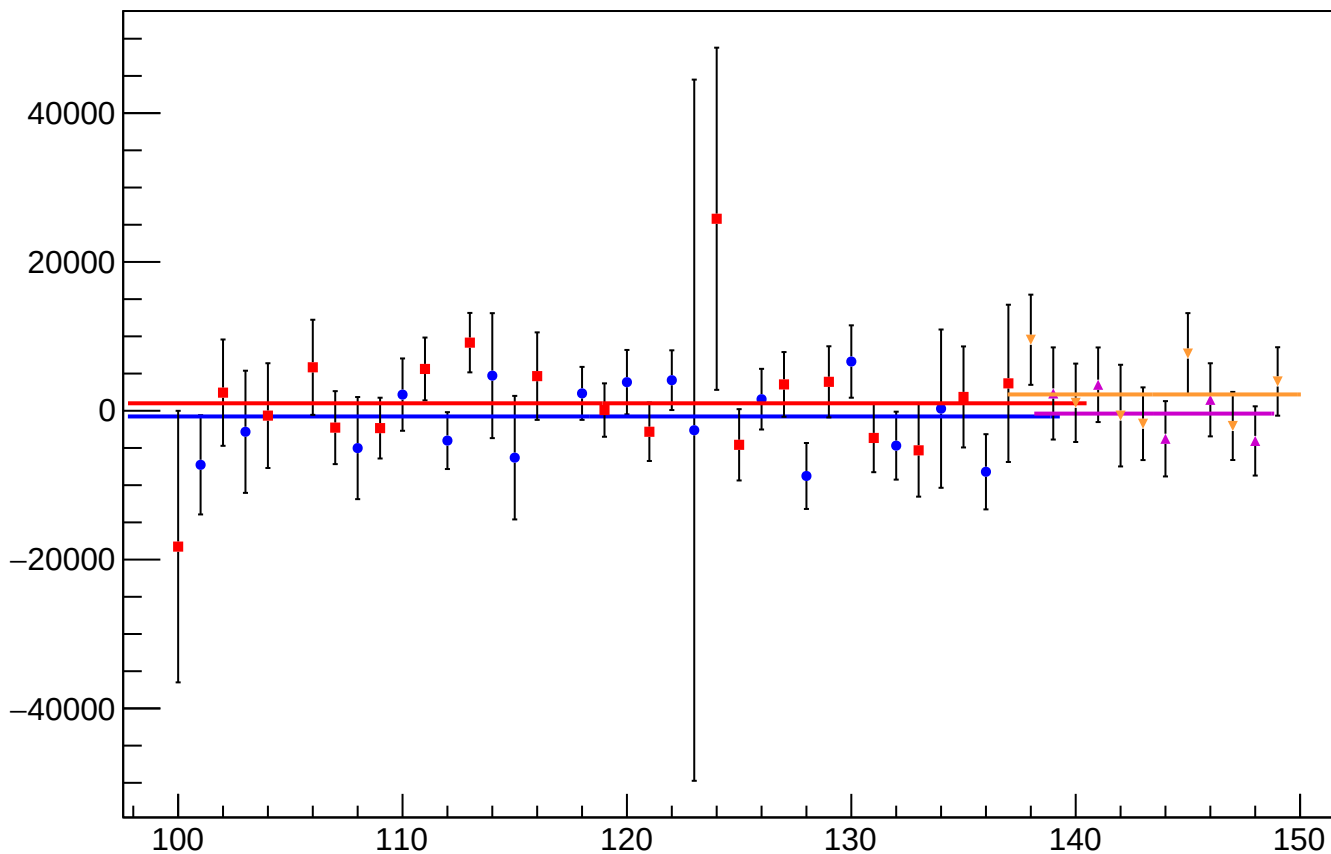
Left In: 4227.638+/-1.482 χ^2/NDF : 77371.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.750+/-0.359 χ^2/NDF : 11724986.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: 2193.970+/-1978.406 χ^2/NDF : 4.4/6

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

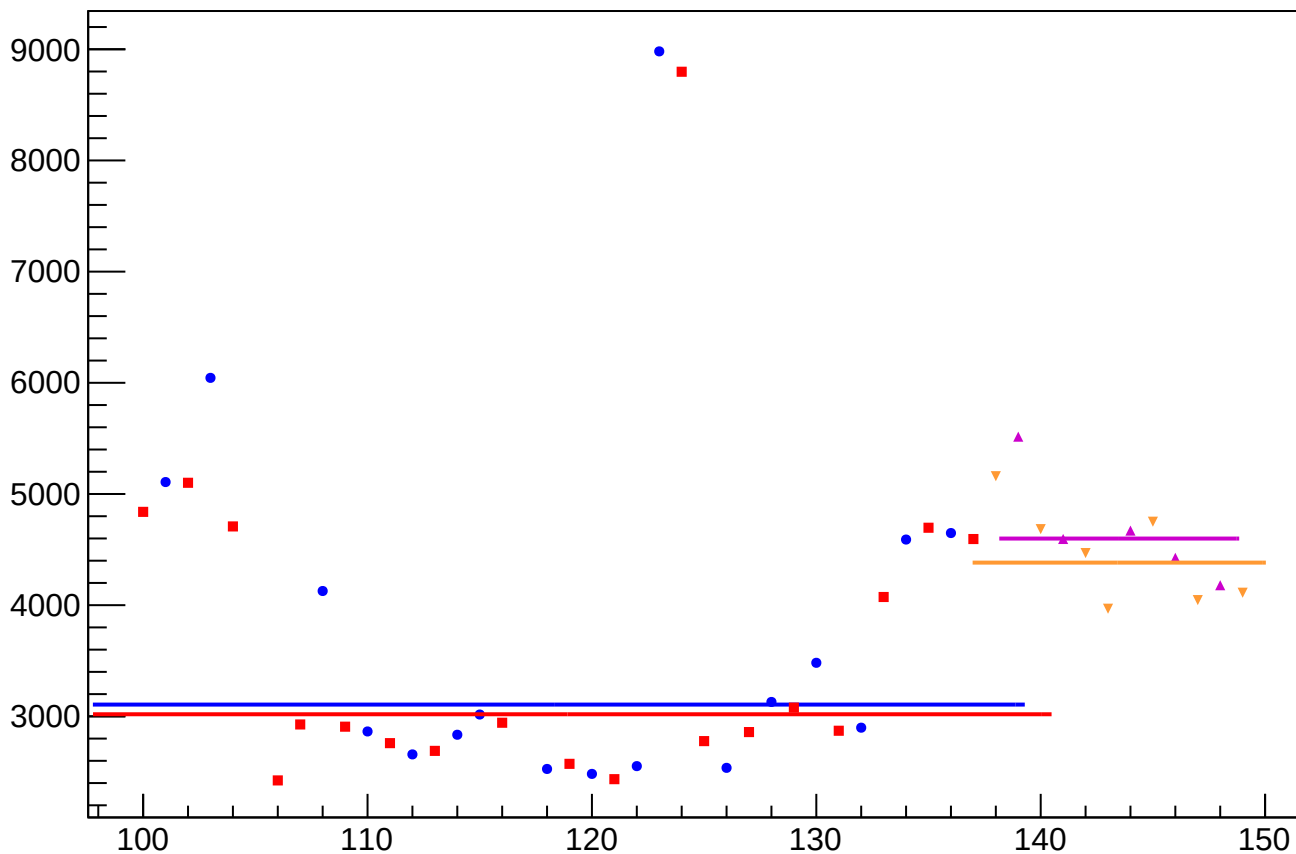
Left In: -381.235+/-2279.031 χ^2/NDF : 2.0/4

+ sign 76.916+/-1055.357 χ^2/NDF : 21.5/23

All: 392.085+/-746.348 χ^2/NDF : 39.0/47

- sign 707.421+/-1055.635 χ^2/NDF : 17.3/23

asym_atl_dd_rms vs Slug



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

Left Out: 4382.818+/-1.399 χ^2/NDF : 81105.6/6

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

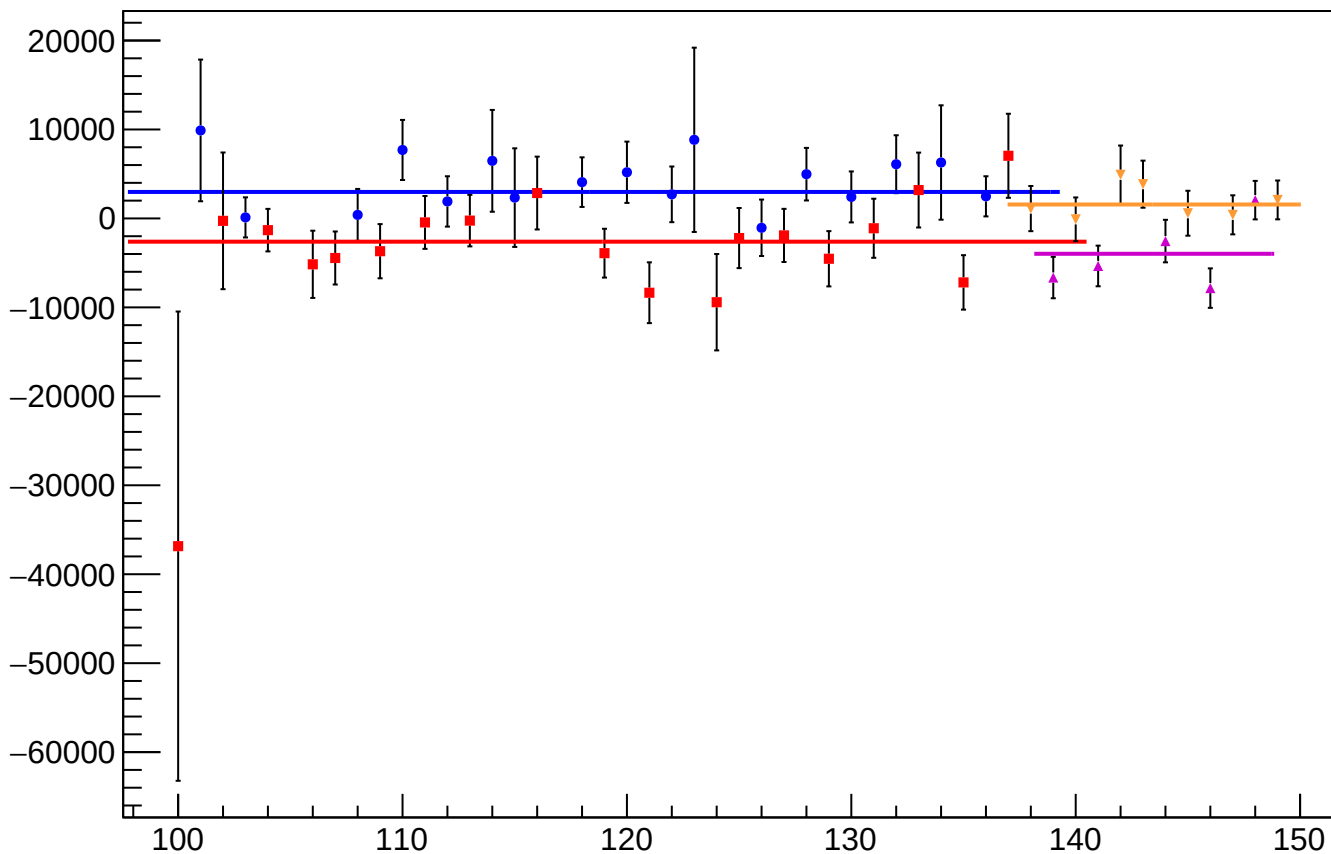
Left In: 4599.139+/-1.612 χ^2/NDF : 62983.5/4

+ sign 3469.216+/-0.746 χ^2/NDF : 1637055.7/23

All: 3409.650+/-0.525 χ^2/NDF : 3266338.6/47

- 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: 1566.828+/-940.813 χ^2/NDF : 2.8/6

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

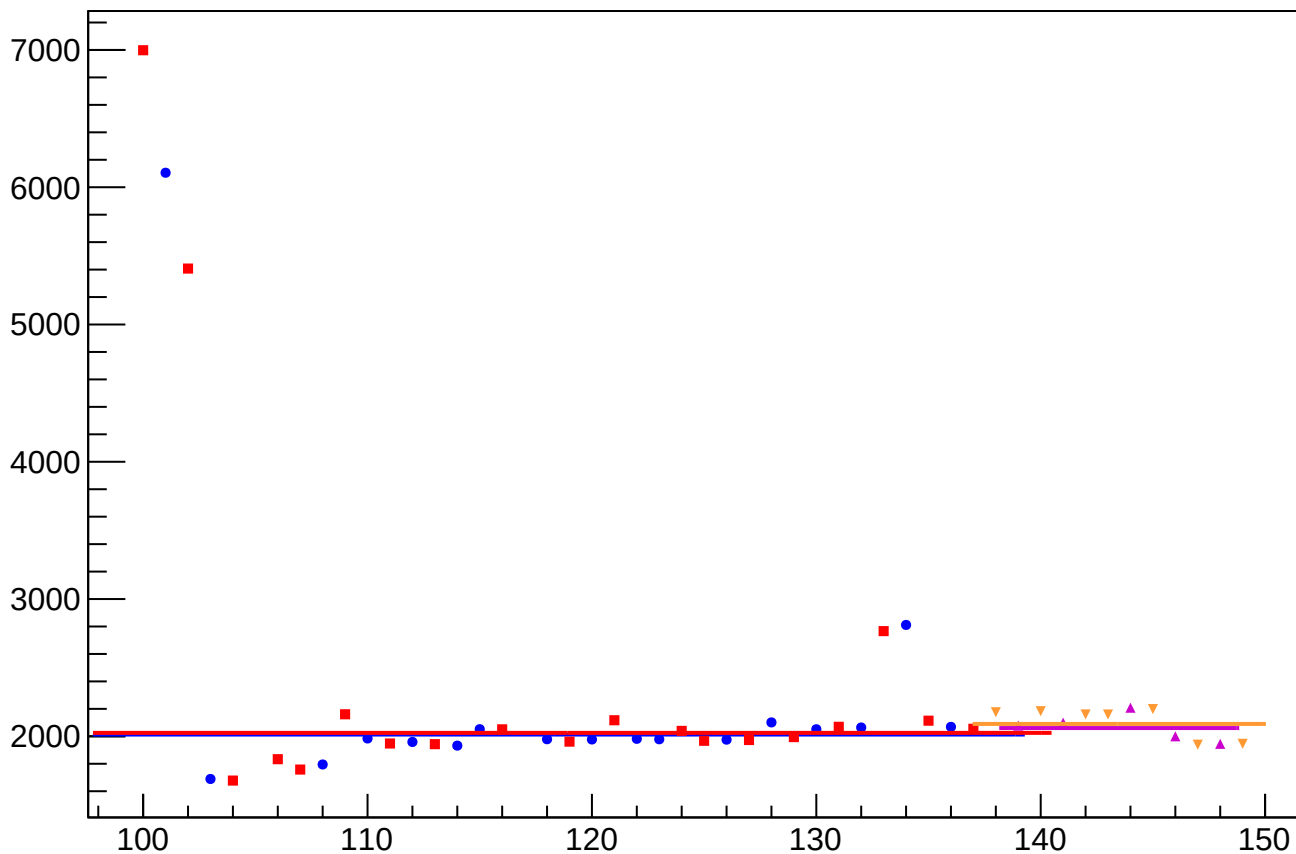
Left In: -3975.752+/-1016.600 χ^2/NDF : 12.8/4

+ sign 2390.042+/-607.411 χ^2/NDF : 13.9/23

All: -307.066+/-434.038 χ^2/NDF : 87.8/47

- 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: 2090.170 $\pm$ 0.665 χ^2 /NDF:29316.4/6

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

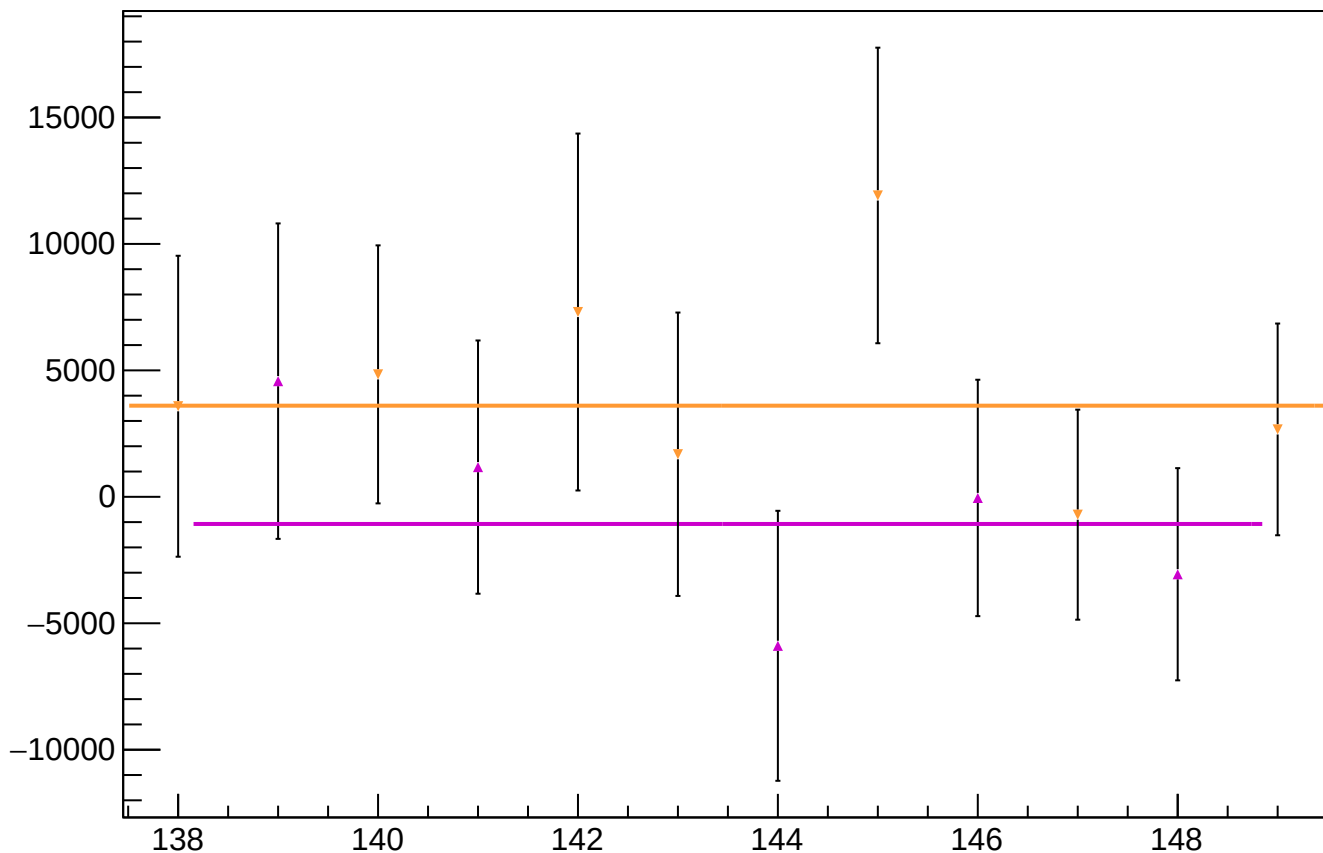
Left In: 2060.183 $\pm$ 0.719 χ^2 /NDF:15506.0/4

+ sign 2045.135 $\pm$ 0.430 χ^2 /NDF: 654882.3/23

All: 2041.713 $\pm$ 0.307 χ^2 /NDF: 1269438.2/47

- 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: 3604.102+/-1950.046 χ^2/NDF : 3.6/6

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

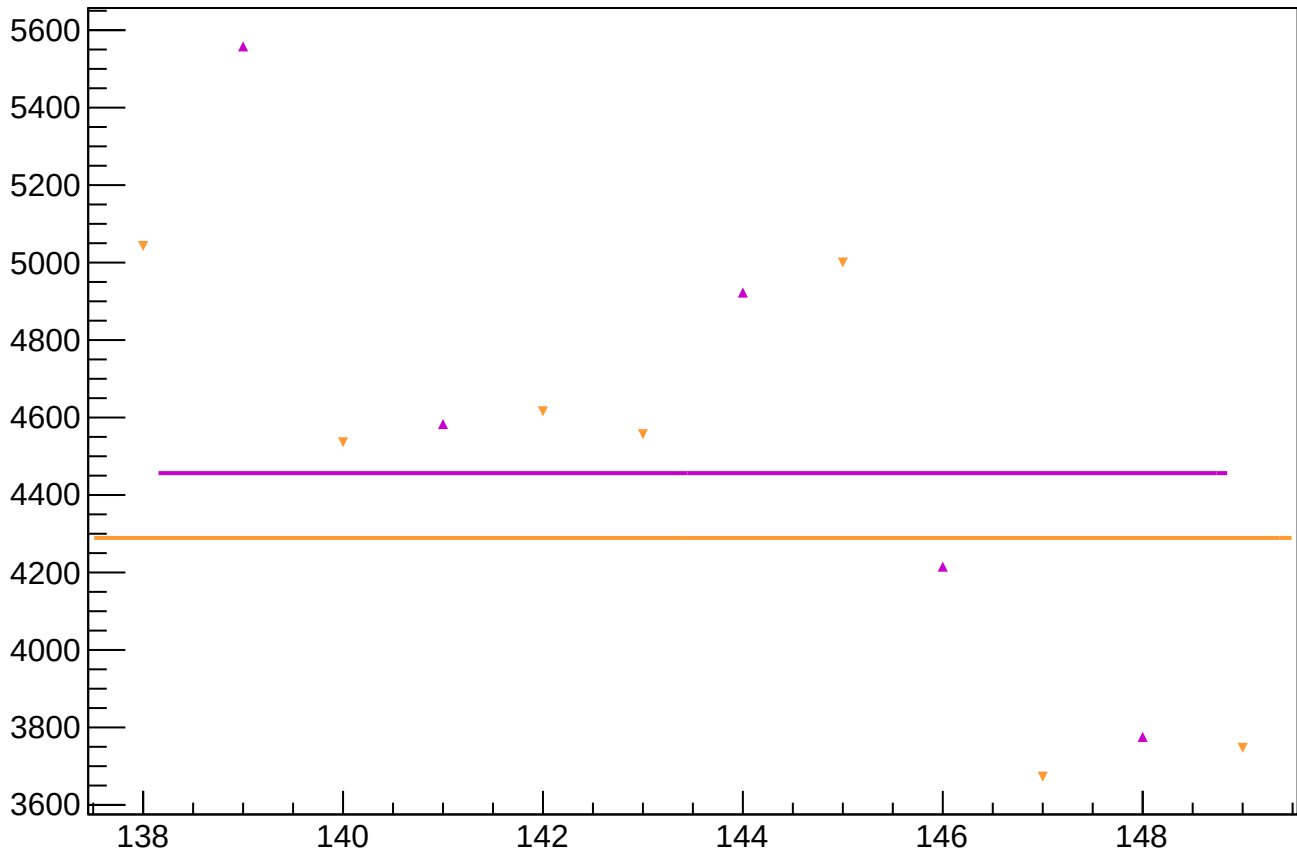
Left In: -1073.274+/-2217.822 χ^2/NDF : 2.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.690+/-1464.462 χ^2/NDF : 8.2/11

- 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: 4289.209+/-1.379 χ^2/NDF :152801.8/6

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

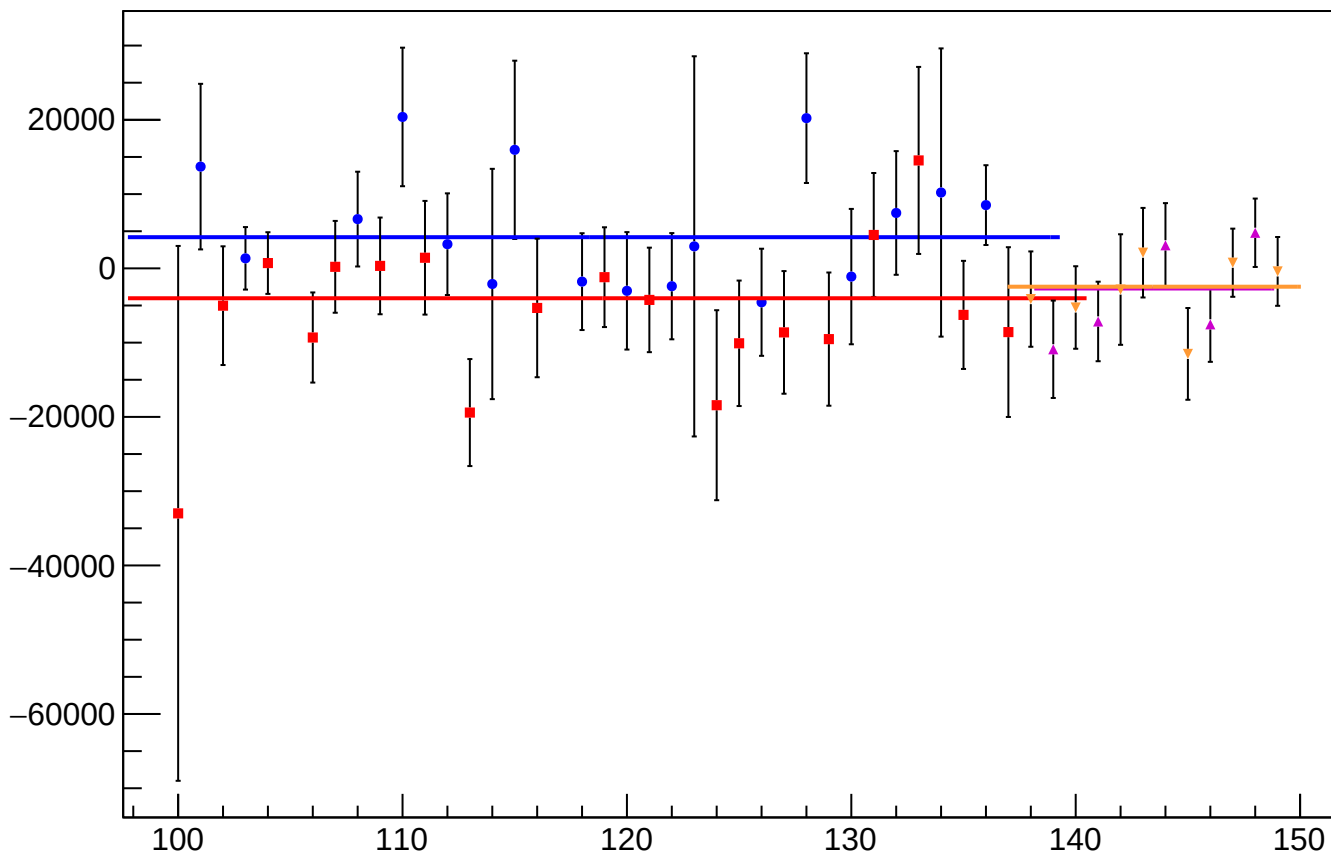
Left In: 4456.504+/-1.568 χ^2/NDF :136955.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4362.152+/-1.036 χ^2/NDF : 296175.4/11

- 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: -2468.411+/-2119.950 χ^2/NDF : 3.7/6

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

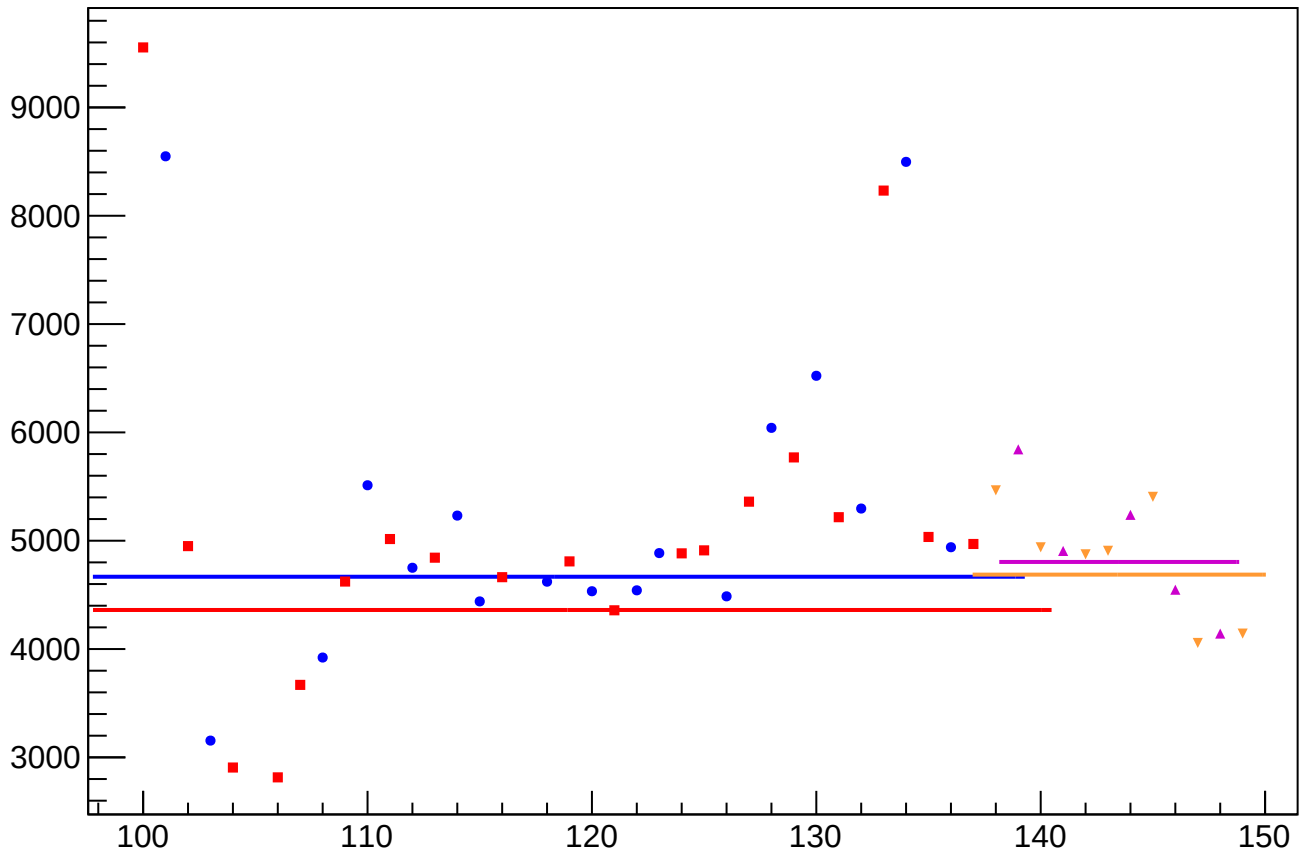
Left In: -2711.949+/-2386.989 χ^2/NDF : 6.9/4

+ sign 1302.669+/-1397.209 χ^2/NDF : 23.4/23

All: -1133.688+/-988.335 χ^2/NDF : 51.4/47

- 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: 4686.986 ± 1.499 χ^2/NDF : 129885.1/6

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

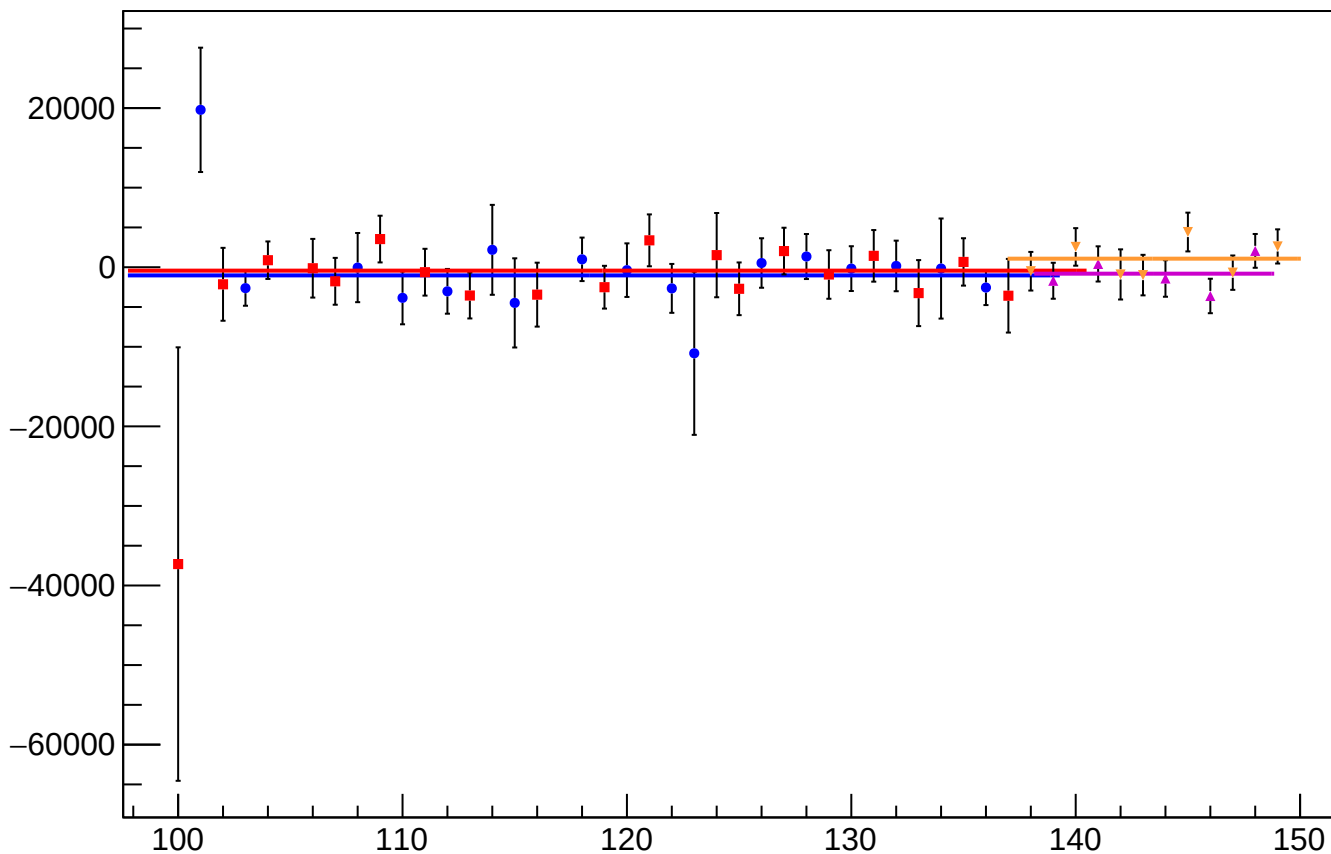
Left In: 4803.995 ± 1.688 χ^2/NDF : 109137.0/4

+ sign 4675.948 ± 0.988 χ^2/NDF : 907838.9/23

All: 4593.507 ± 0.698 χ^2/NDF : 1909118.3/47

- 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: 1075.210 ± 911.331 χ^2/NDF : 4.9/6

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

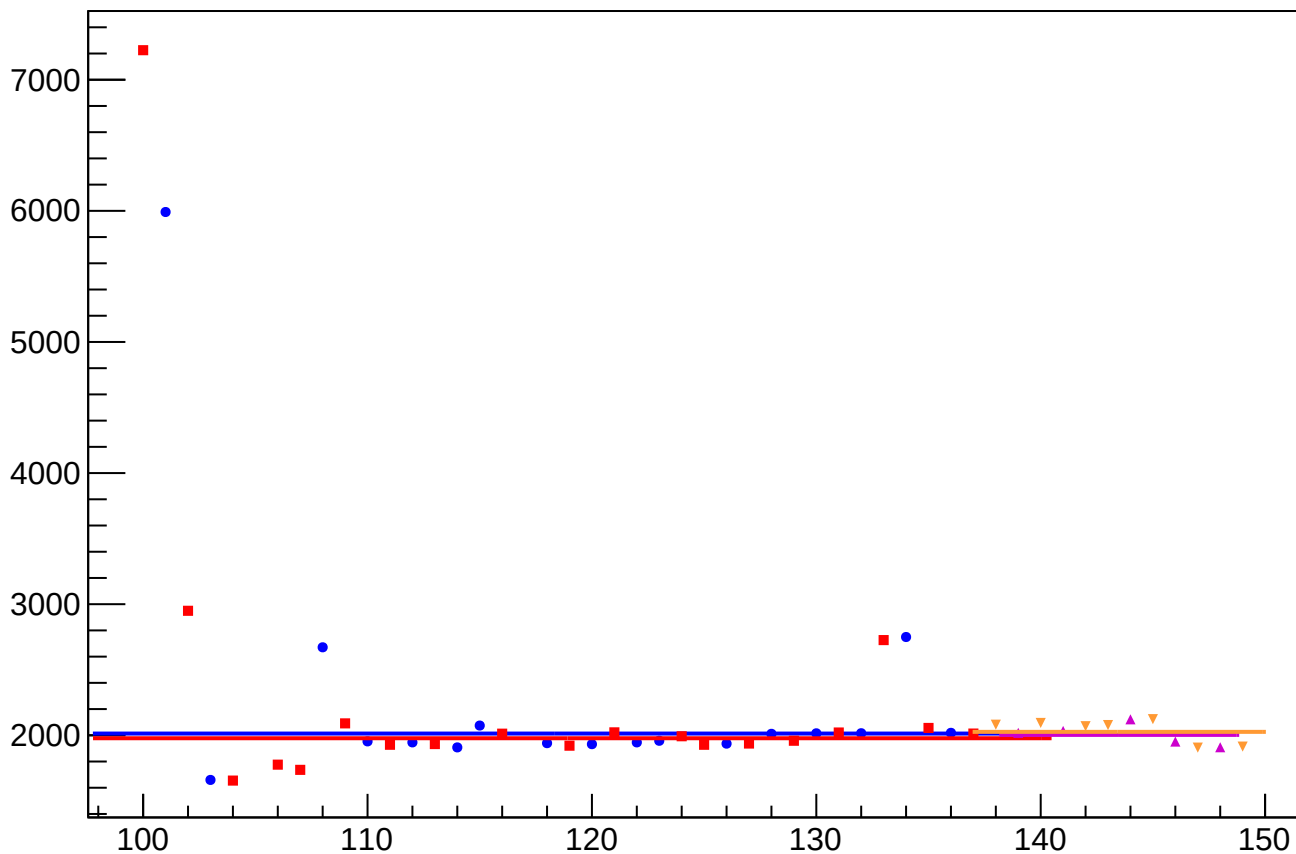
Left In: -811.201 ± 988.037 χ^2/NDF : 4.0/4

+ sign -116.511 ± 599.767 χ^2/NDF : 21.0/23

All: -342.579 ± 425.171 χ^2/NDF : 36.2/47

- 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: 2026.245+/-0.644 χ^2/NDF :18718.8/6

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

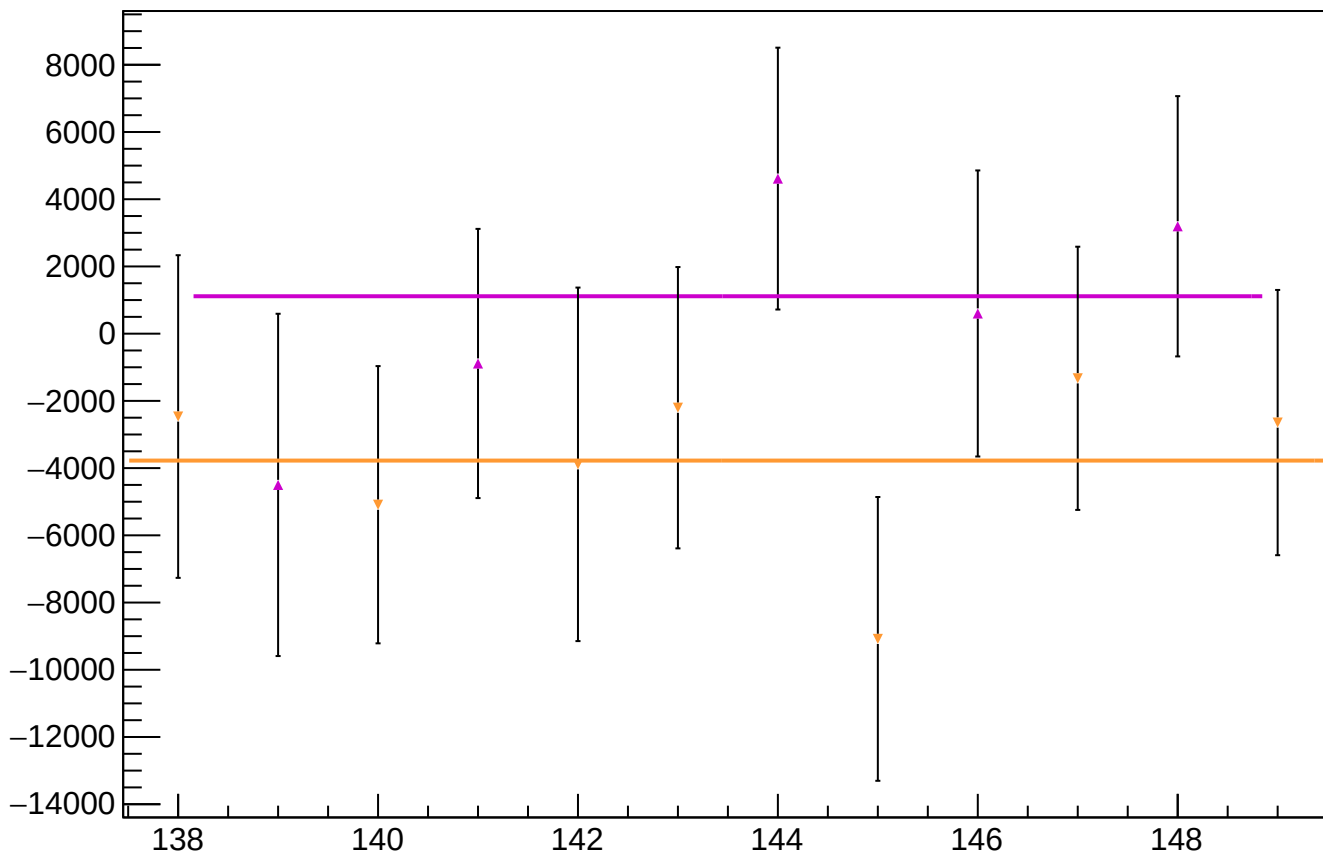
Left In: 2003.095+/-0.699 χ^2/NDF :10850.8/4

+ sign 2018.890+/-0.424 χ^2/NDF : 668997.2/23

All: 2003.036+/-0.301 χ^2/NDF : 978394.6/47

- 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: -3775.744+/-1620.100 χ^2/NDF : 2.4/6

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

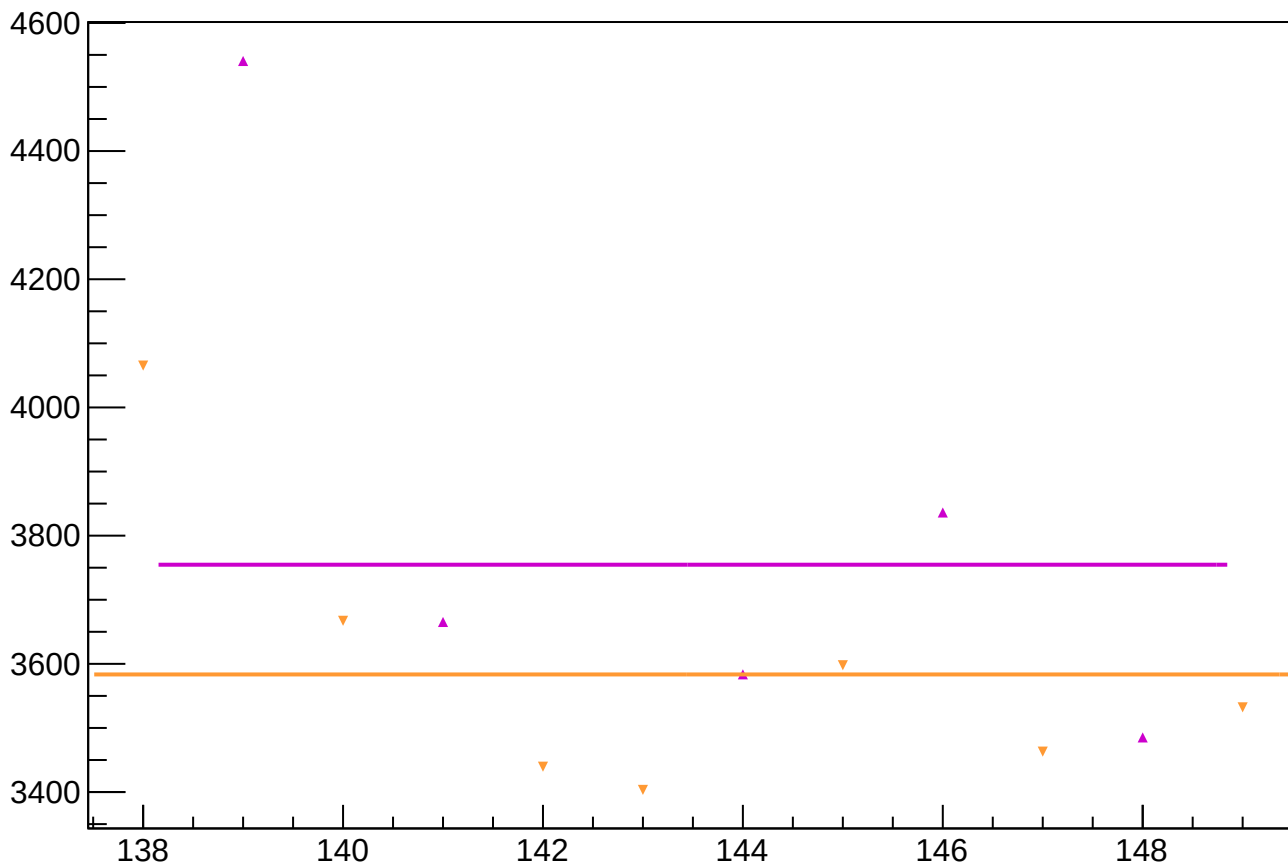
Left In: 1113.386+/-1860.963 χ^2/NDF : 2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1667.857+/-1221.928 χ^2/NDF : 8.9/11

- 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: 3583.476+/-1.146 χ^2/NDF : 28432.8/6

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

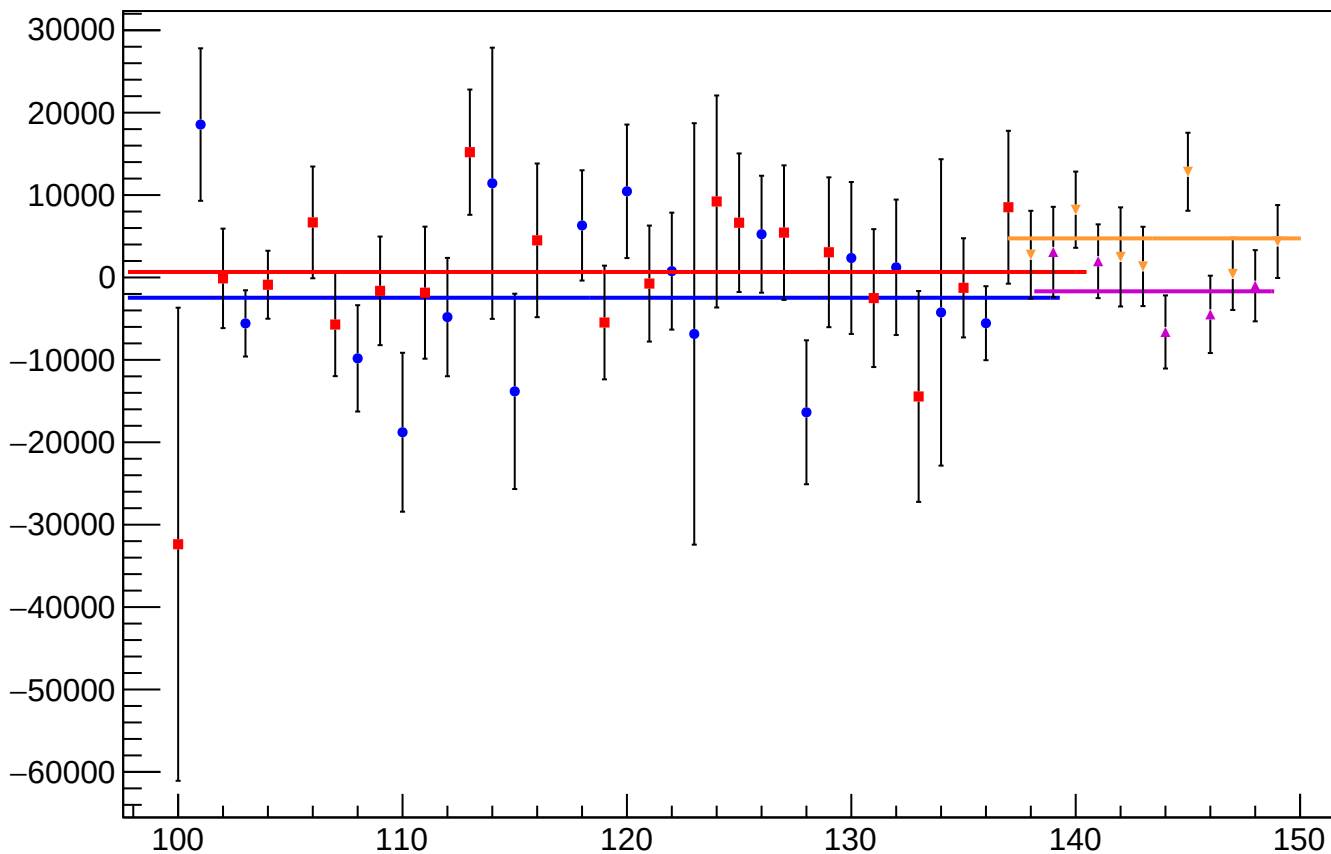
Left In: 3754.658+/-1.316 χ^2/NDF : 62904.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3657.279+/-0.864 χ^2/NDF : 100964.5/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 4743.644+/-1823.709 χ^2 /NDF: 5.2/6

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

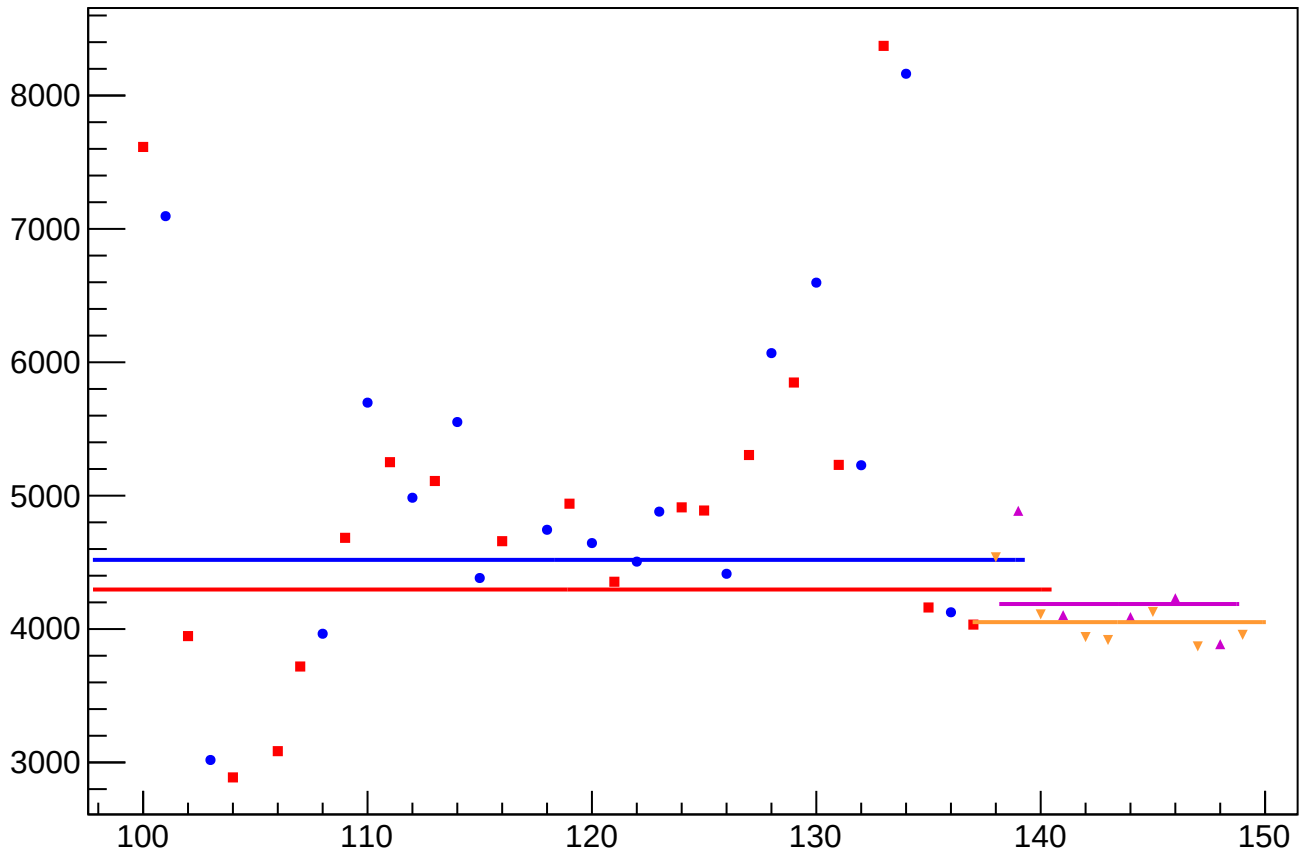
Left In: -1680.698+/-2071.683 χ^2 /NDF: 3.0/4

+ sign 1088.129+/-1280.115 χ^2 /NDF: 34.0/23

All: 423.746+/-915.374 χ^2 /NDF: 50.2/47

- sign -271.438+/-1309.452 χ^2 /NDF: 15.7/23

asym_atr_dd_rms vs Slug



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

Left Out: 4051.838+/-1.290 χ^2/NDF : 24089.6/6

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

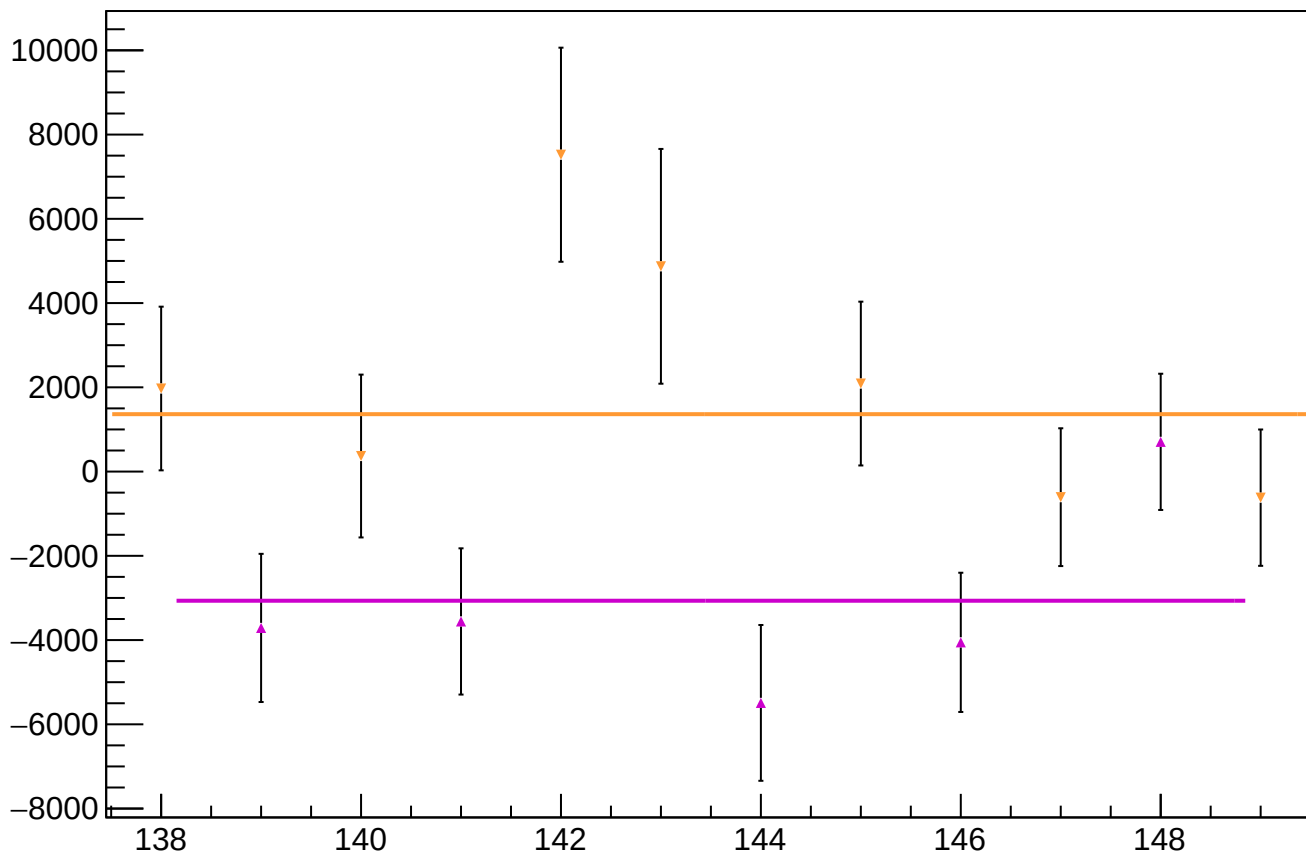
Left In: 4187.660+/-1.465 χ^2/NDF : 44107.0/4

+ sign 4288.667+/-0.905 χ^2/NDF : 860802.0/23

All: 4271.292+/-0.646 χ^2/NDF : 1680684.9/47

- sign 4253.234+/-0.923 χ^2/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: 1362.519+/-737.912 χ^2/NDF :10.9/6

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

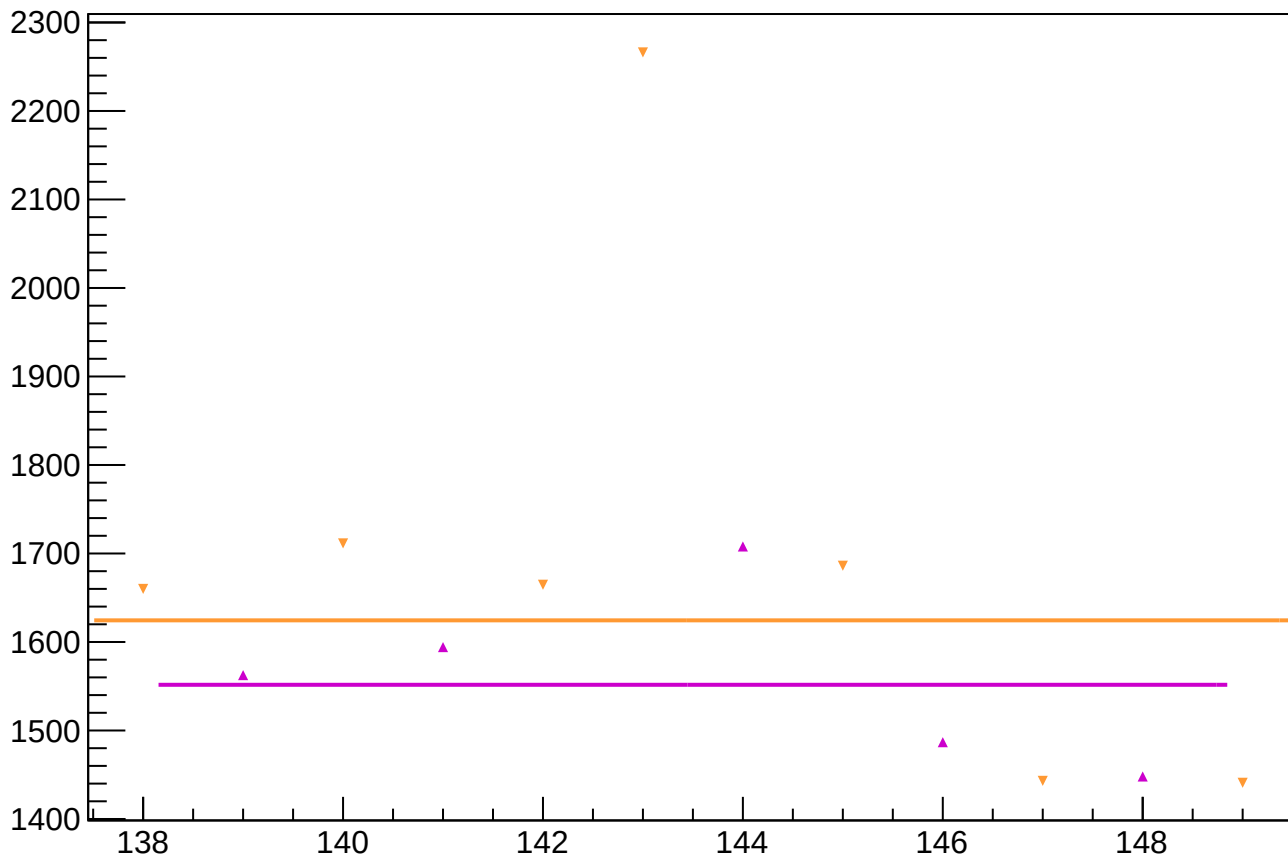
Left In: -3066.259+/-767.820 χ^2/NDF :7.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -763.936+/-532.042 χ^2/NDF : 35.9/11

- 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: 1624.451+/-0.522 χ^2/NDF : 163622.7/6

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

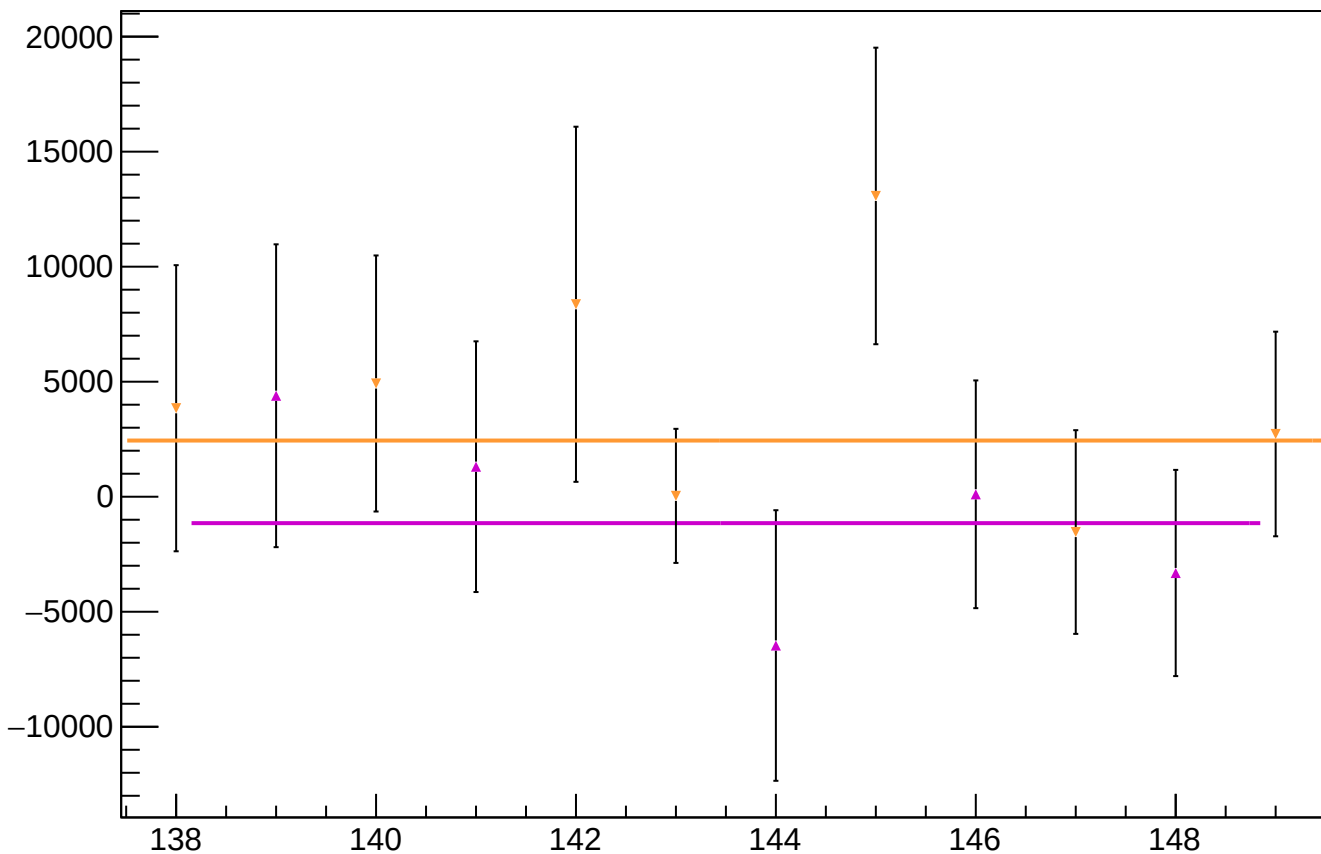
Left In: 1551.638+/-0.543 χ^2/NDF : 26858.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.490+/-0.376 χ^2/NDF : 199831.5/11

- 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: 2442.516+/-1772.381 χ^2/NDF :5.1/6

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

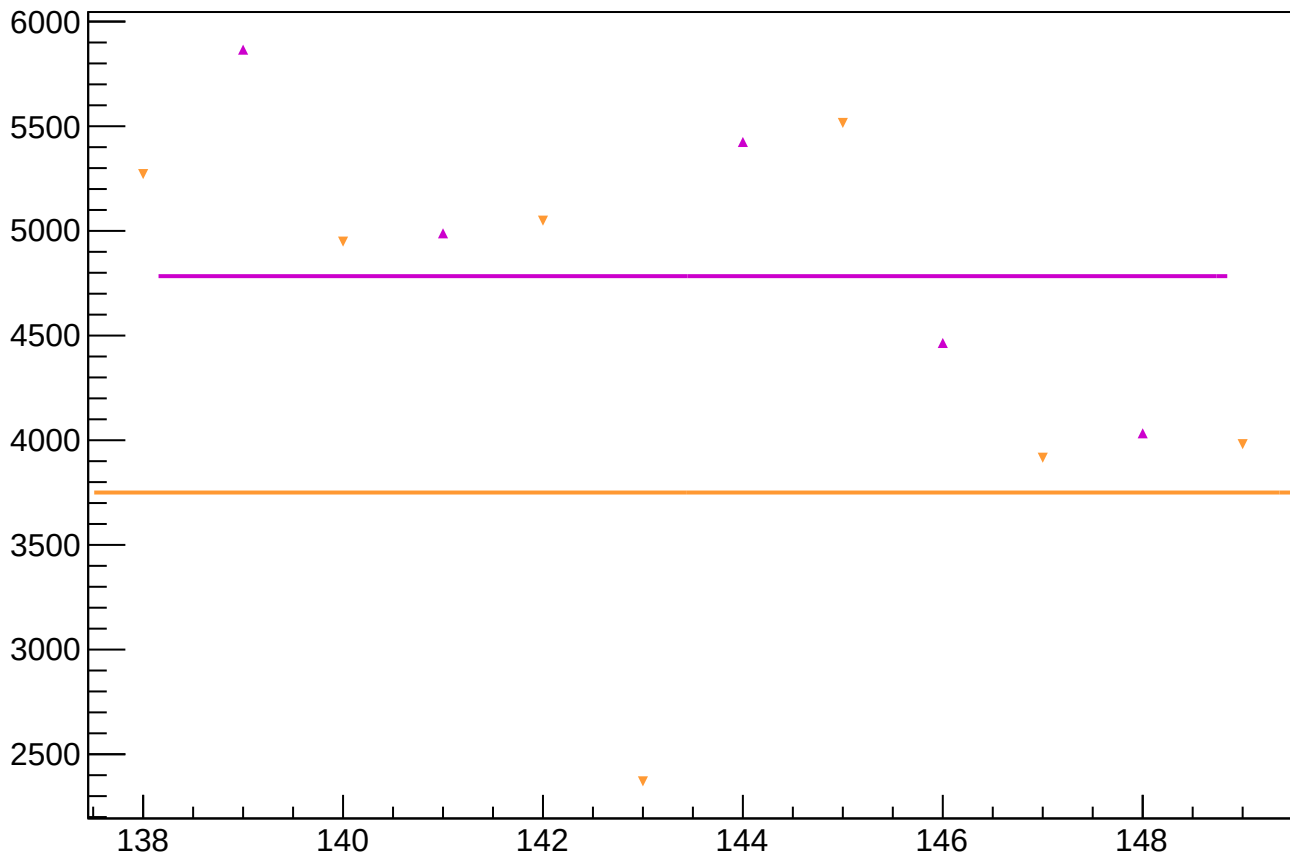
Left In: -1148.339+/-2381.823 χ^2/NDF :2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1162.786+/-1421.902 χ^2/NDF : 8.5/11

- 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: 3750.257+/-1.253 χ^2/NDF : 875649.9/6

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

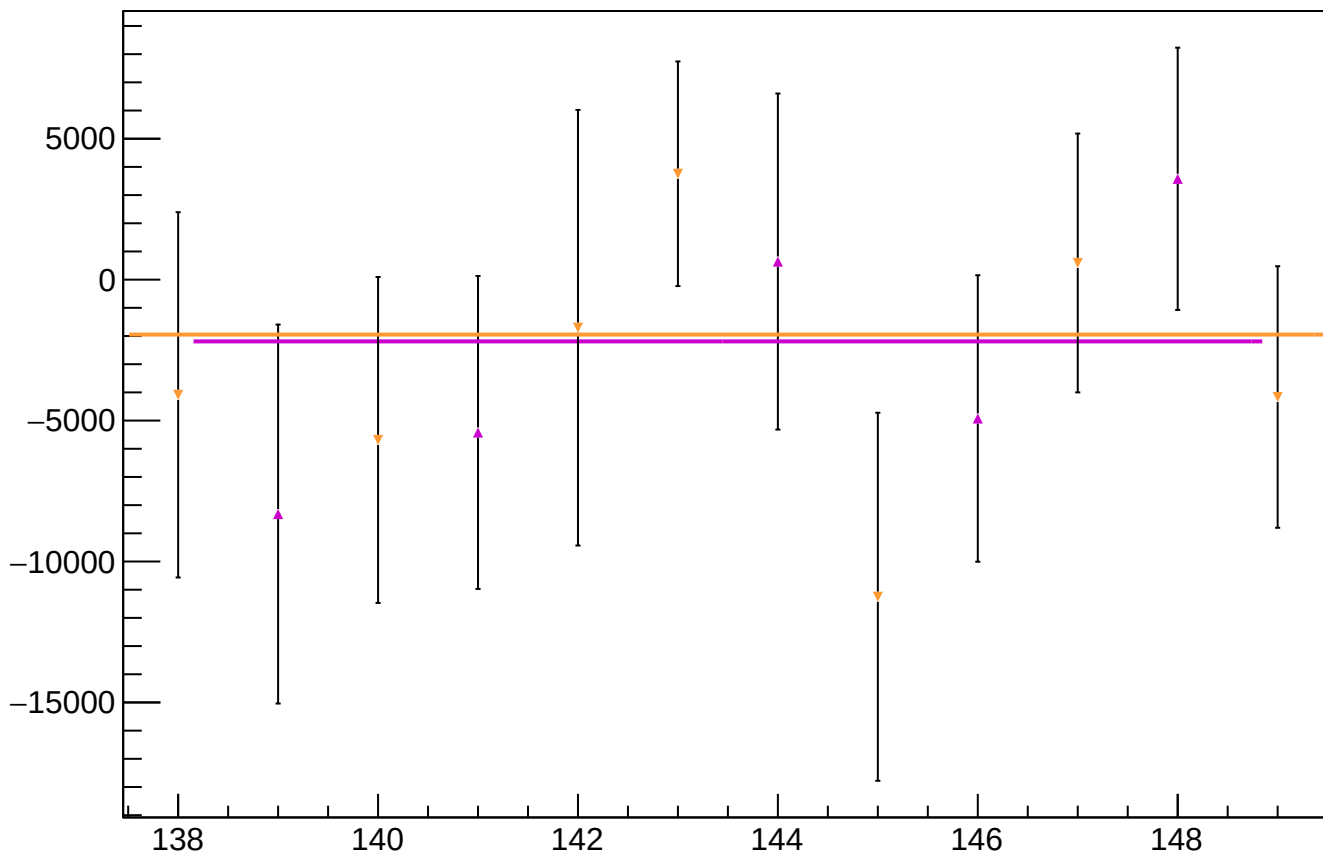
Left In: 4783.851+/-1.684 χ^2/NDF : 145045.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4118.615+/-1.005 χ^2/NDF : 1263097.8/11

- 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: -1948.189+/-1996.780 χ^2/NDF : 5.1/6

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

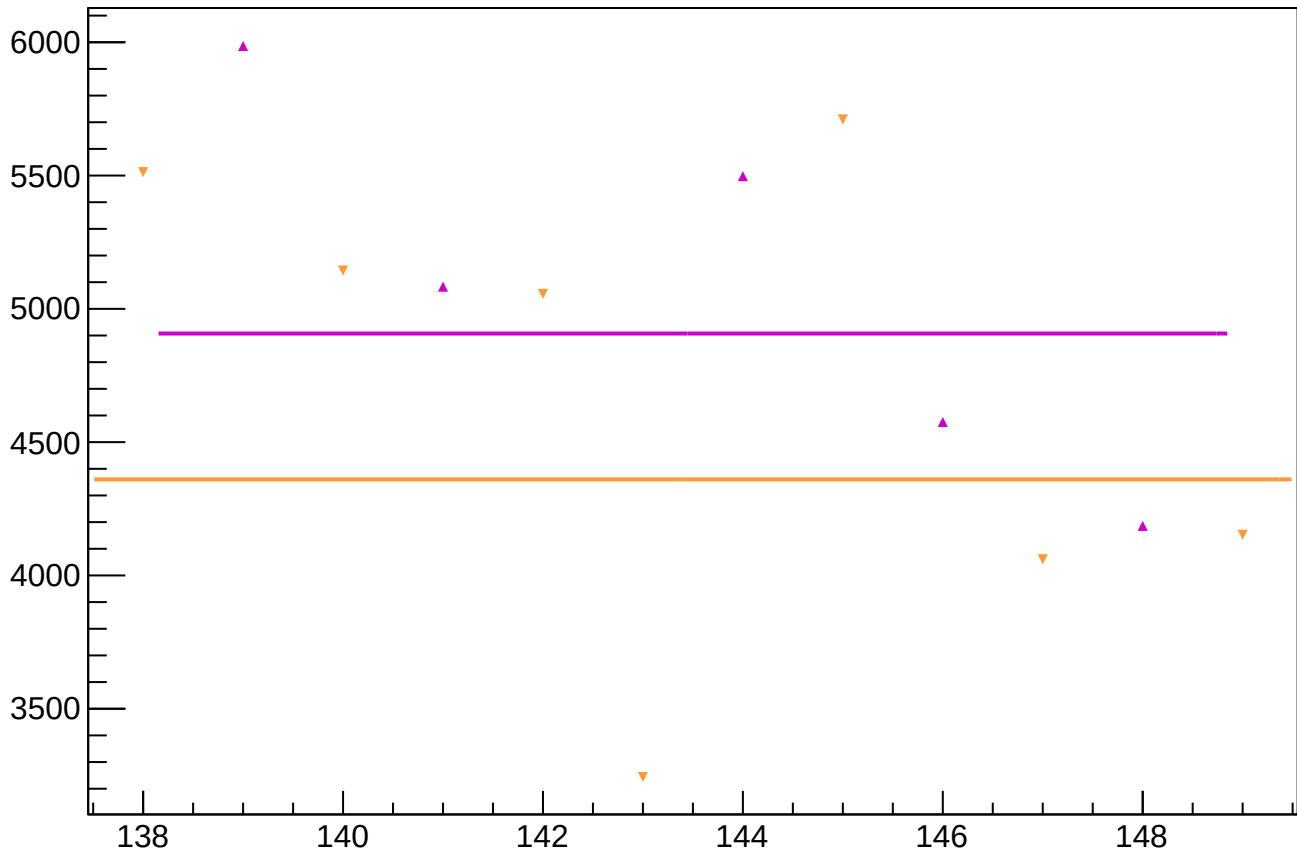
Left In: -2190.908+/-2442.456 χ^2/NDF : 3.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2045.424+/-1545.916 χ^2/NDF : 8.4/11

- 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: 4360.320+/-1.412 χ^2/NDF : 371279.5/6

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

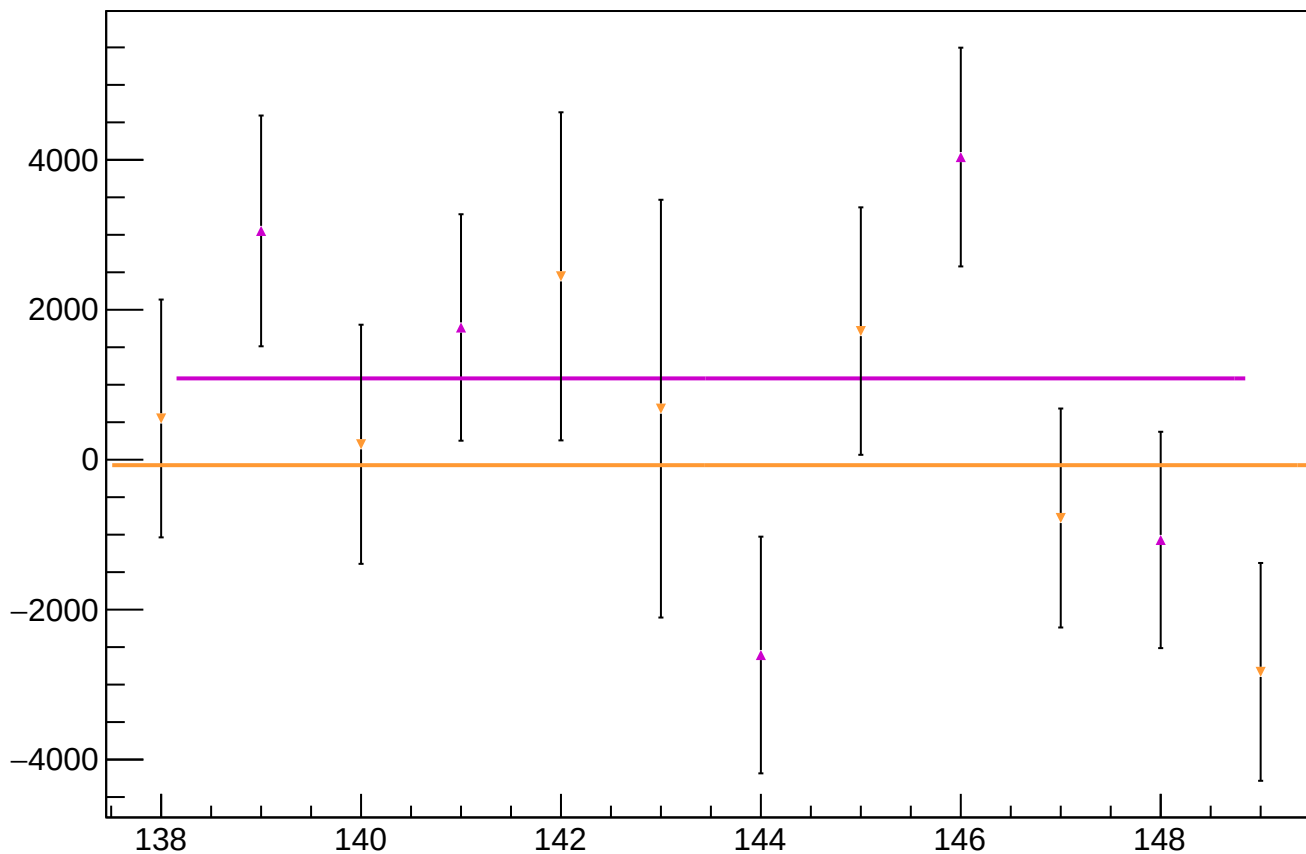
Left In: 4907.441+/-1.727 χ^2/NDF : 129756.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4579.500+/-1.093 χ^2/NDF : 561188.3/11

- 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: -72.995+/-640.477 χ^2/NDF : 6.6/6

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

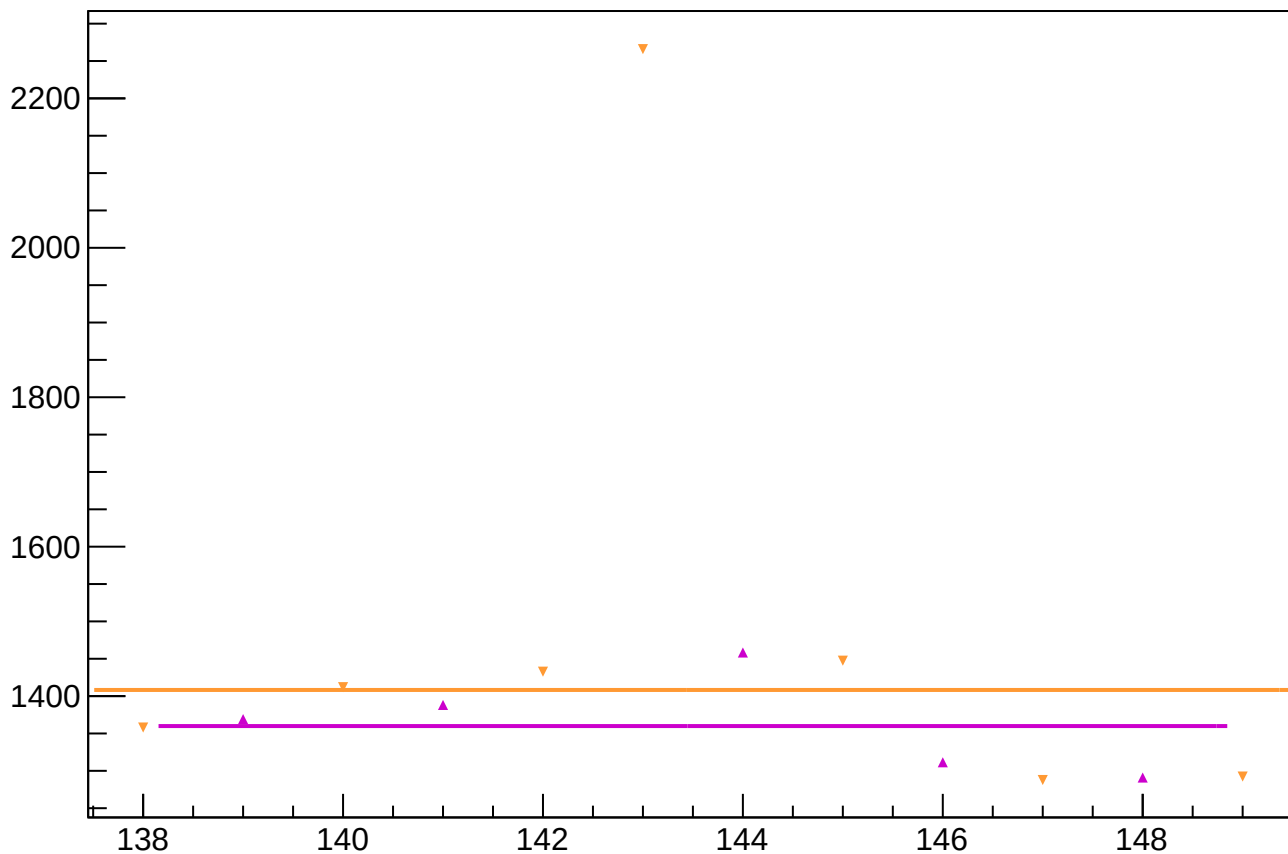
Left In: 1084.521+/-672.415 χ^2/NDF : 13.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.621+/-463.765 χ^2/NDF : 21.8/11

- 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: 1408.242+/-0.453 χ^2/NDF : 219238.1/6

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

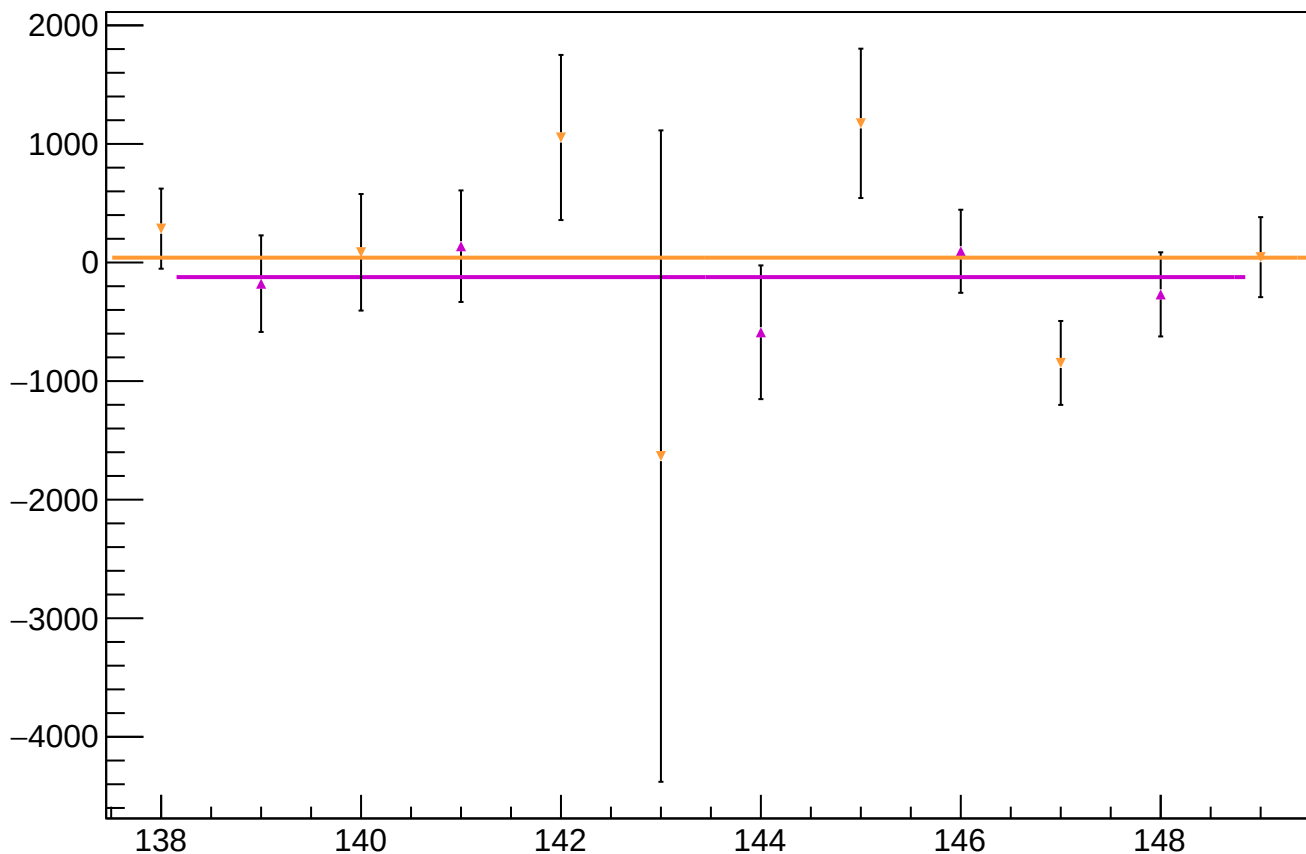
Left In: 1359.922+/-0.475 χ^2/NDF : 15318.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.256+/-0.328 χ^2/NDF : 239971.8/11

- 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: 40.844+/-170.521 χ^2/NDF :12.6/6

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

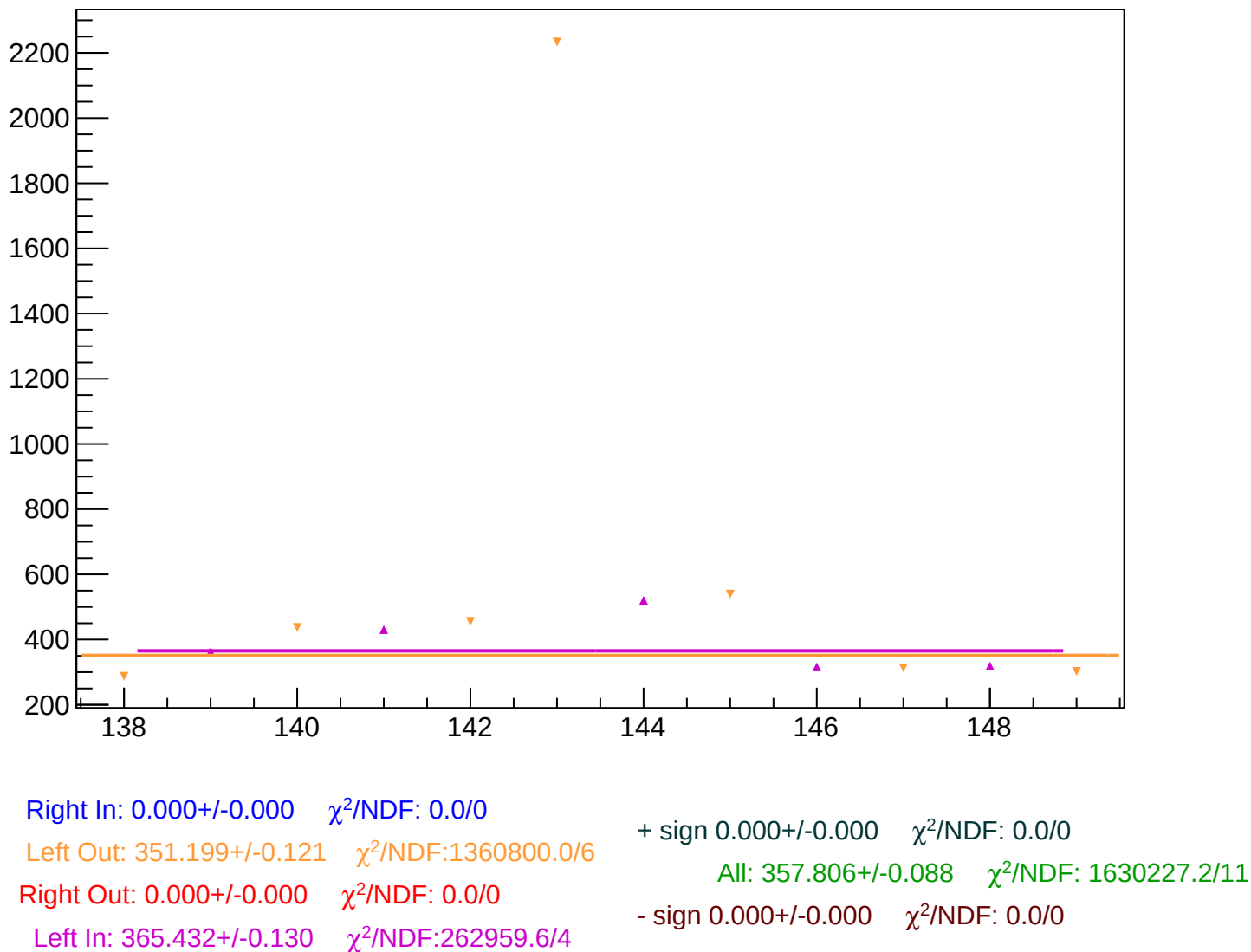
Left In: -123.091+/-183.212 χ^2/NDF :1.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

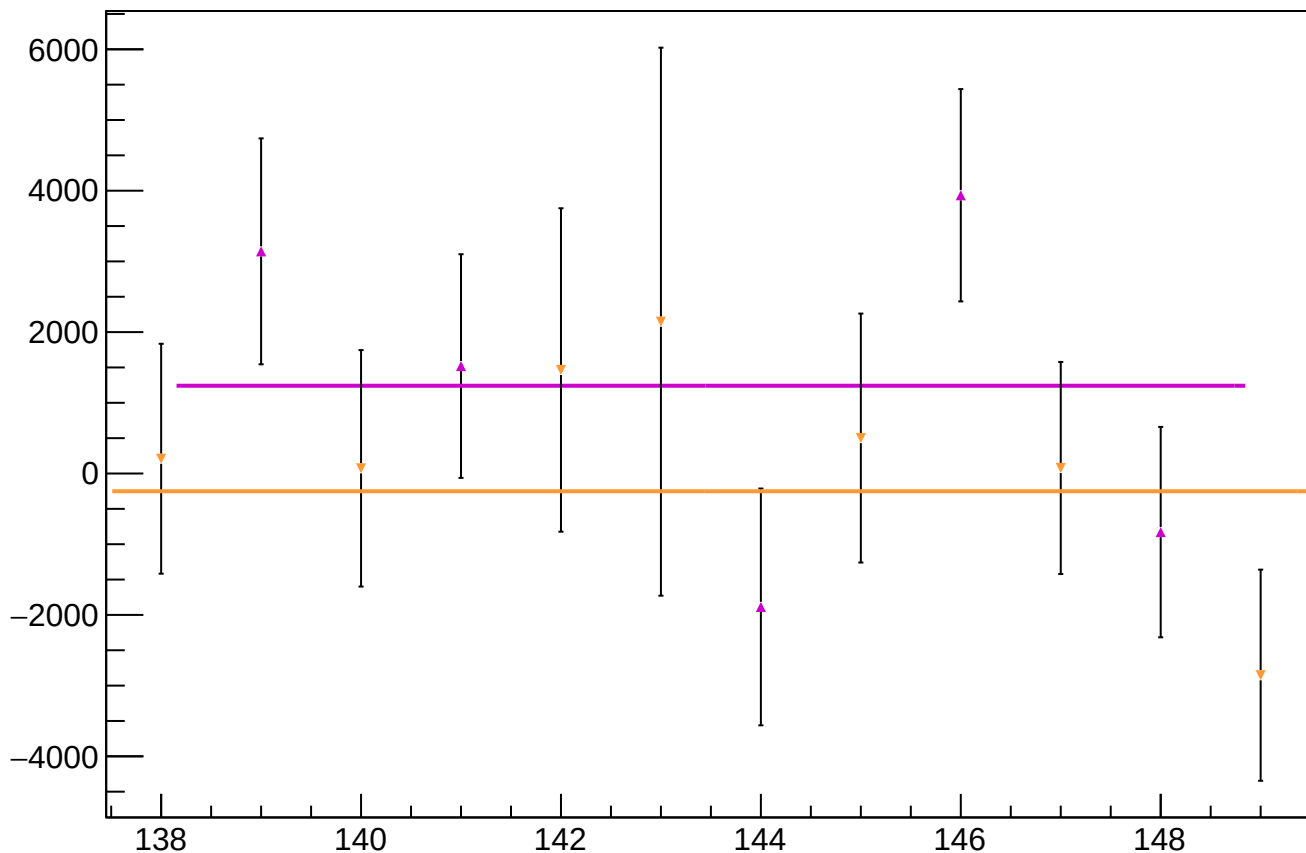
All: -35.249+/-124.822 χ^2/NDF : 14.5/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -251.213+/-672.837 χ^2/NDF : 4.3/6

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

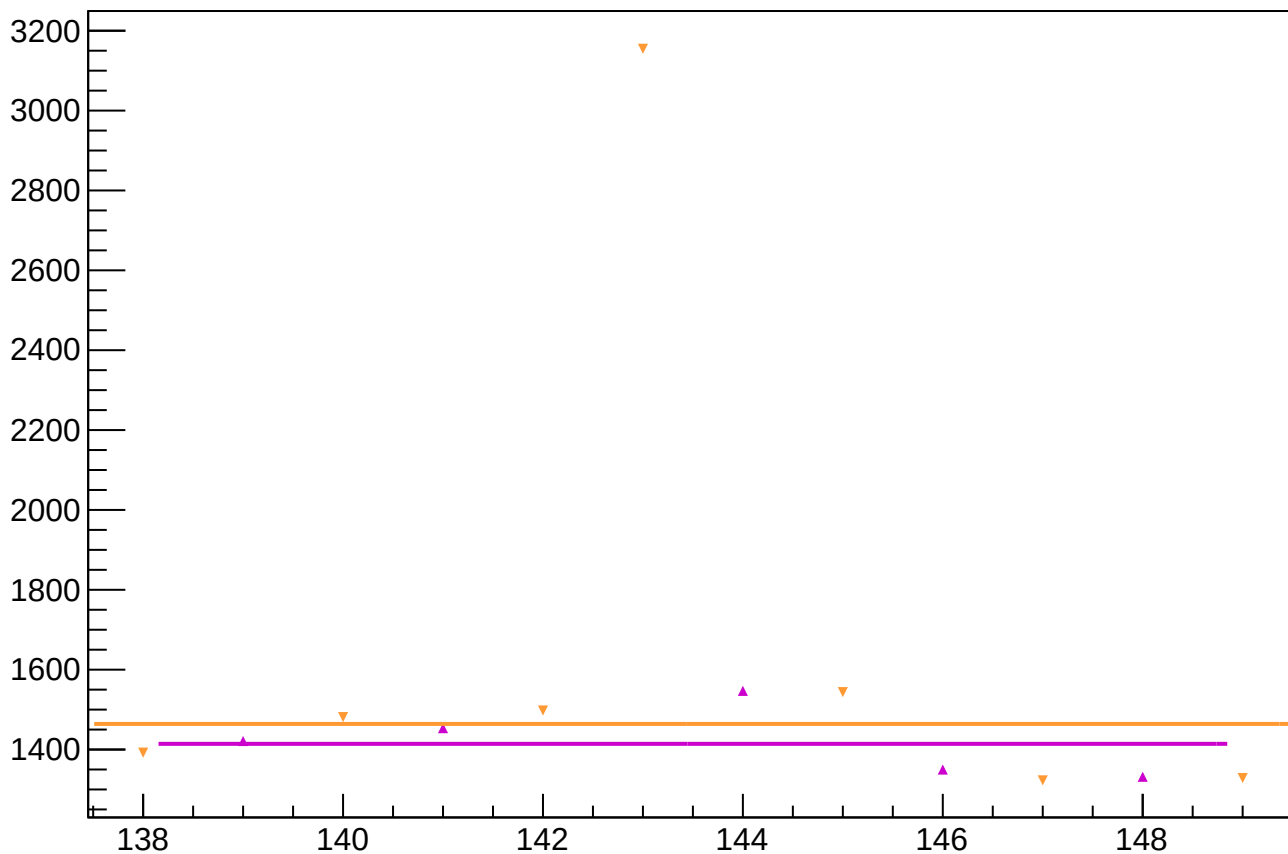
Left In: 1241.567+/-699.582 χ^2/NDF : 10.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.097+/-484.947 χ^2/NDF : 16.8/11

- 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: 1464.114+/-0.476 χ^2/NDF : 423476.5/6

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

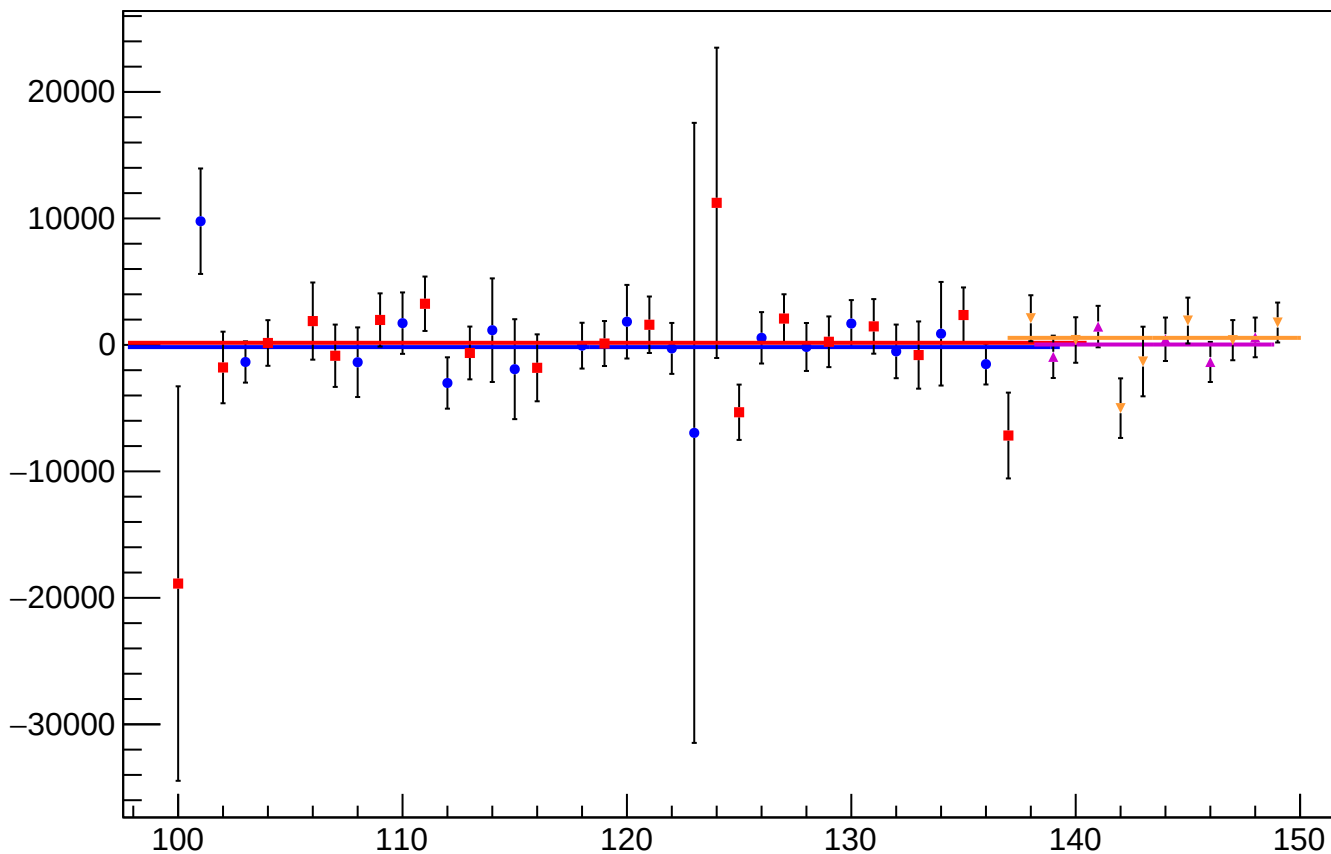
Left In: 1414.268+/-0.495 χ^2/NDF : 23649.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.162+/-0.343 χ^2/NDF : 452400.2/11

- 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: 556.613 ± 702.517 χ^2/NDF : 7.9/6

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

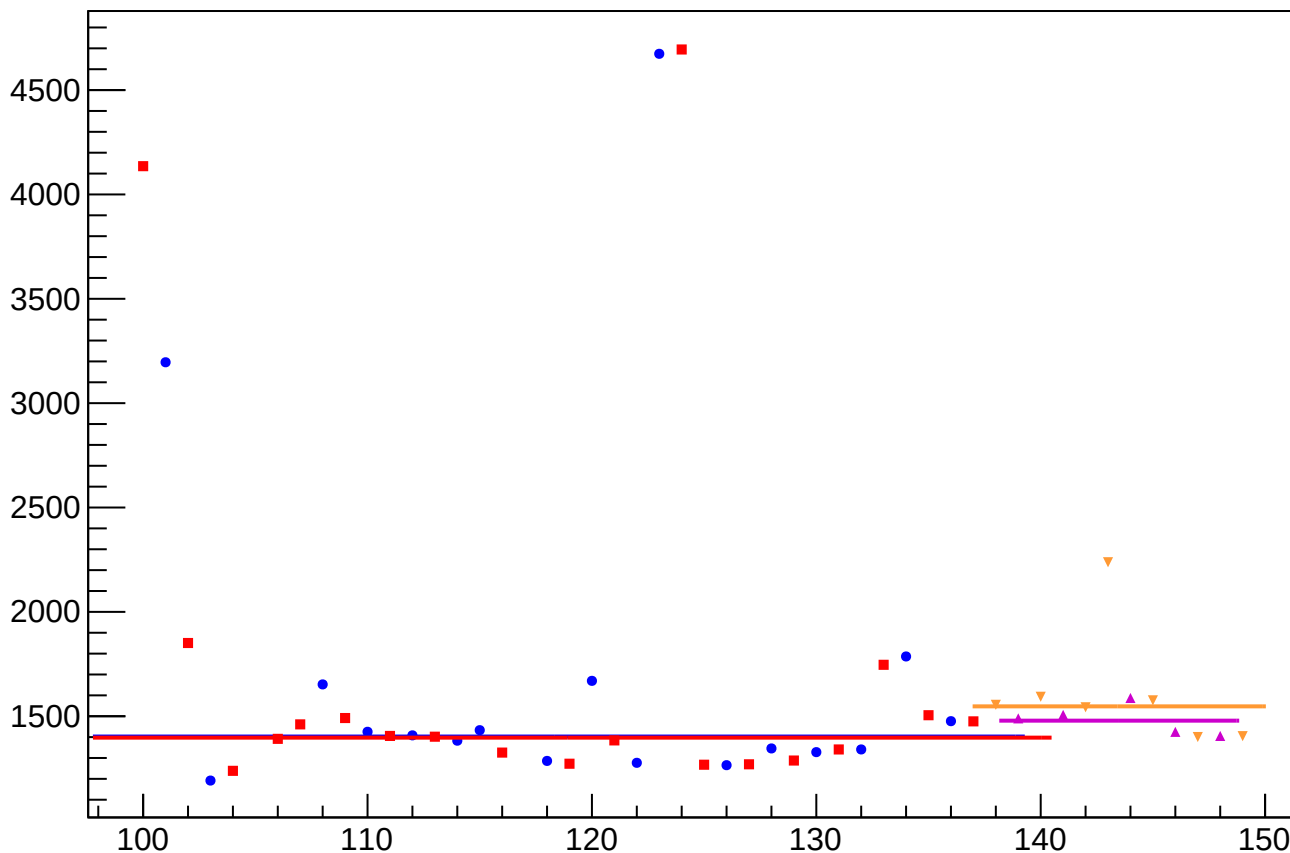
Left In: 29.952 ± 731.012 χ^2/NDF : 2.0/4

+ sign 106.032 ± 435.330 χ^2/NDF : 20.4/23

All: 111.664 ± 307.494 χ^2/NDF : 43.1/47

- 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: 1547.297+/-0.497 χ^2/NDF : 161252.5/6

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

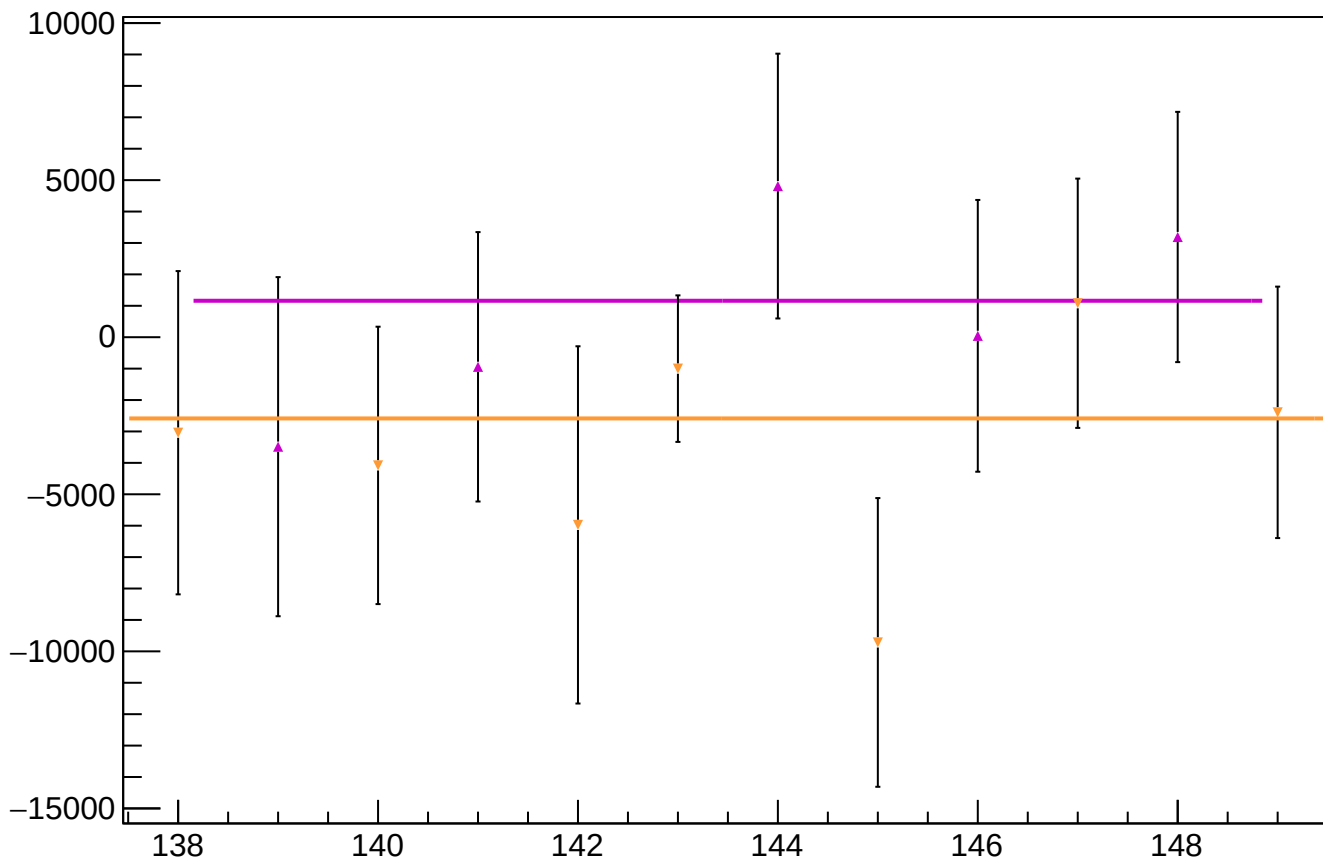
Left In: 1478.802+/-0.517 χ^2/NDF : 15299.5/4

+ sign 1458.230+/-0.308 χ^2/NDF : 739767.1/23

All: 1442.150+/-0.217 χ^2/NDF : 1129908.0/47

- 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: -2585.671+/-1447.711 χ^2/NDF : 4.2/6

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

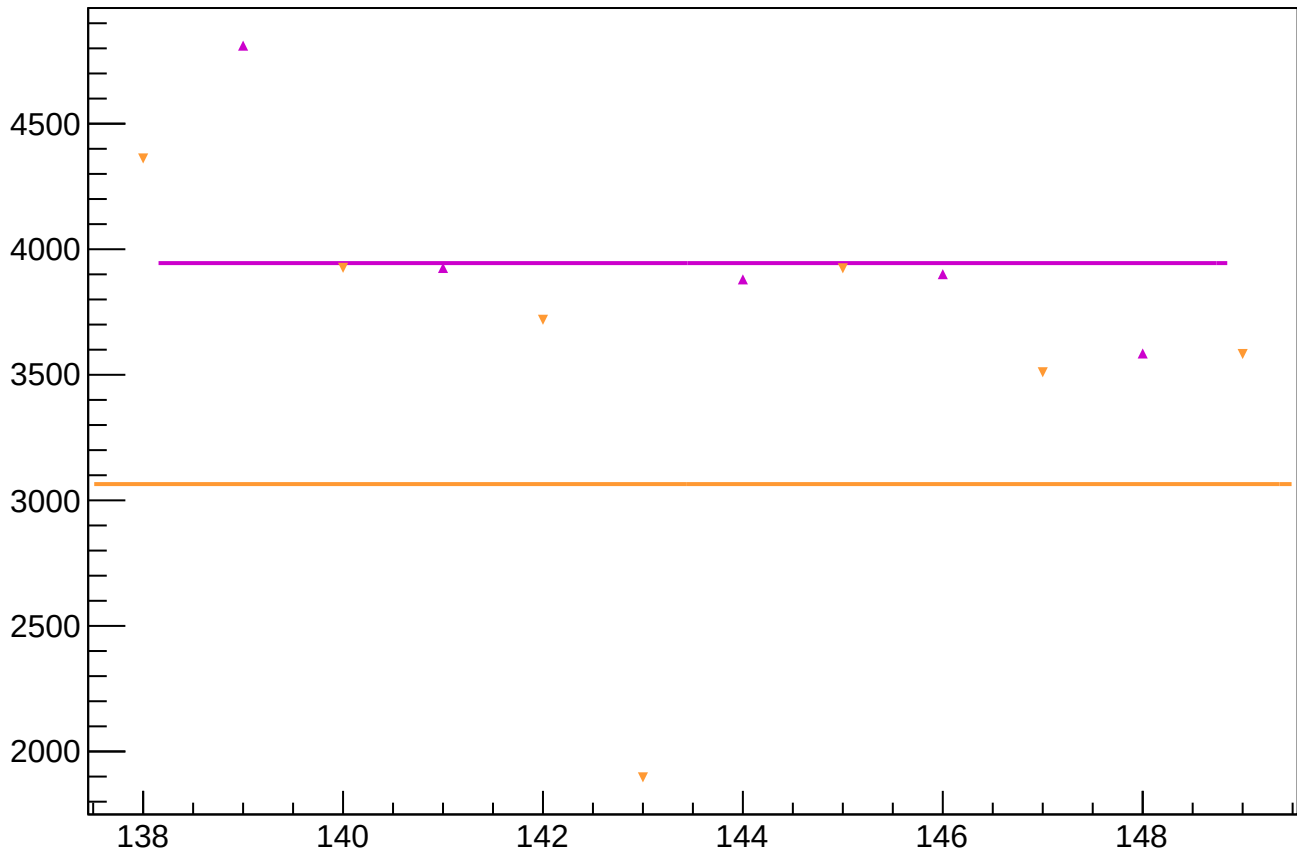
Left In: 1160.296+/-1955.620 χ^2/NDF : 2.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1259.552+/-1163.573 χ^2/NDF : 8.6/11

- 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: 3064.768+/-1.024 χ^2/NDF : 859765.9/6

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

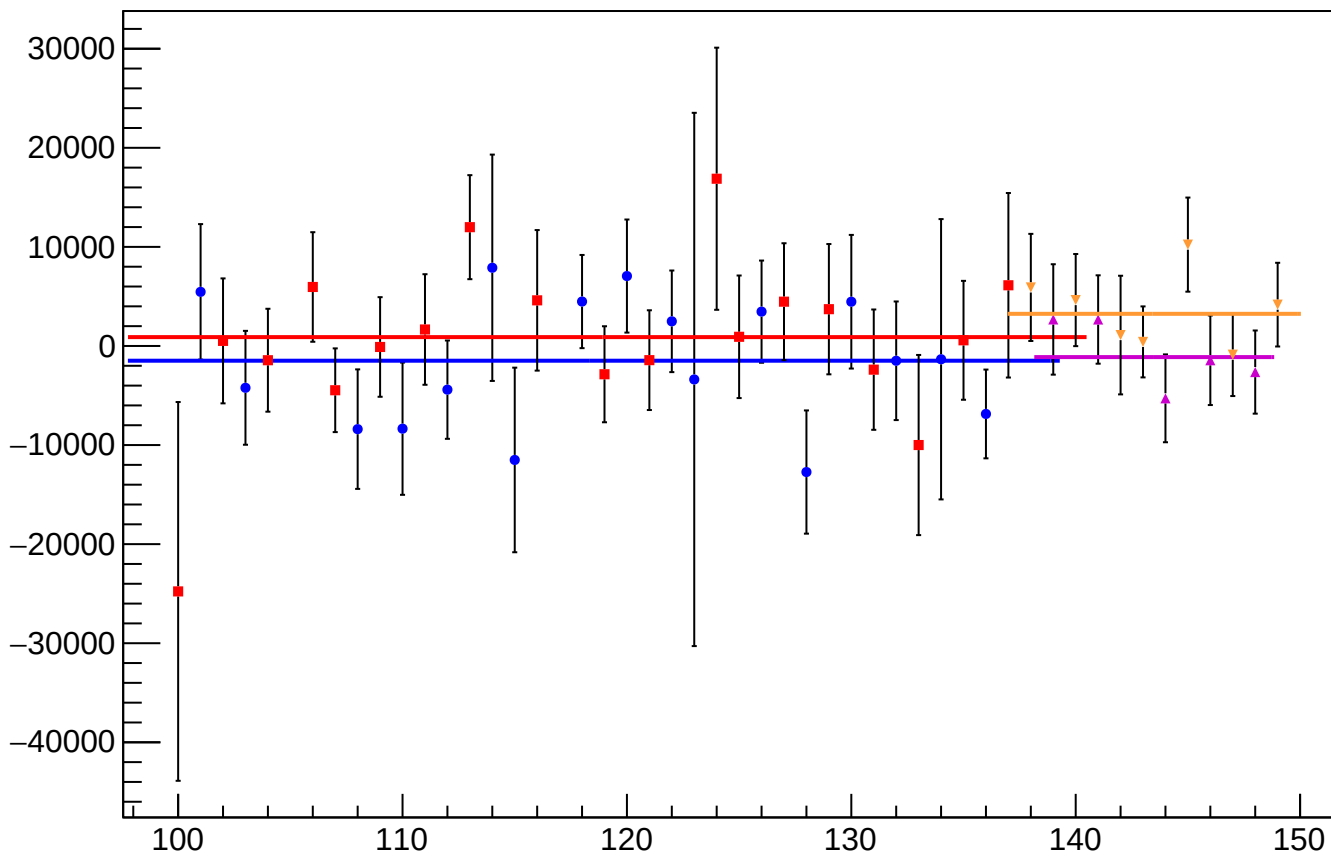
Left In: 3944.815+/-1.383 χ^2/NDF : 68534.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3376.316+/-0.823 χ^2/NDF : 1189935.1/11

- 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: 3244.712+/-1704.851 χ^2/NDF : 4.3/6

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

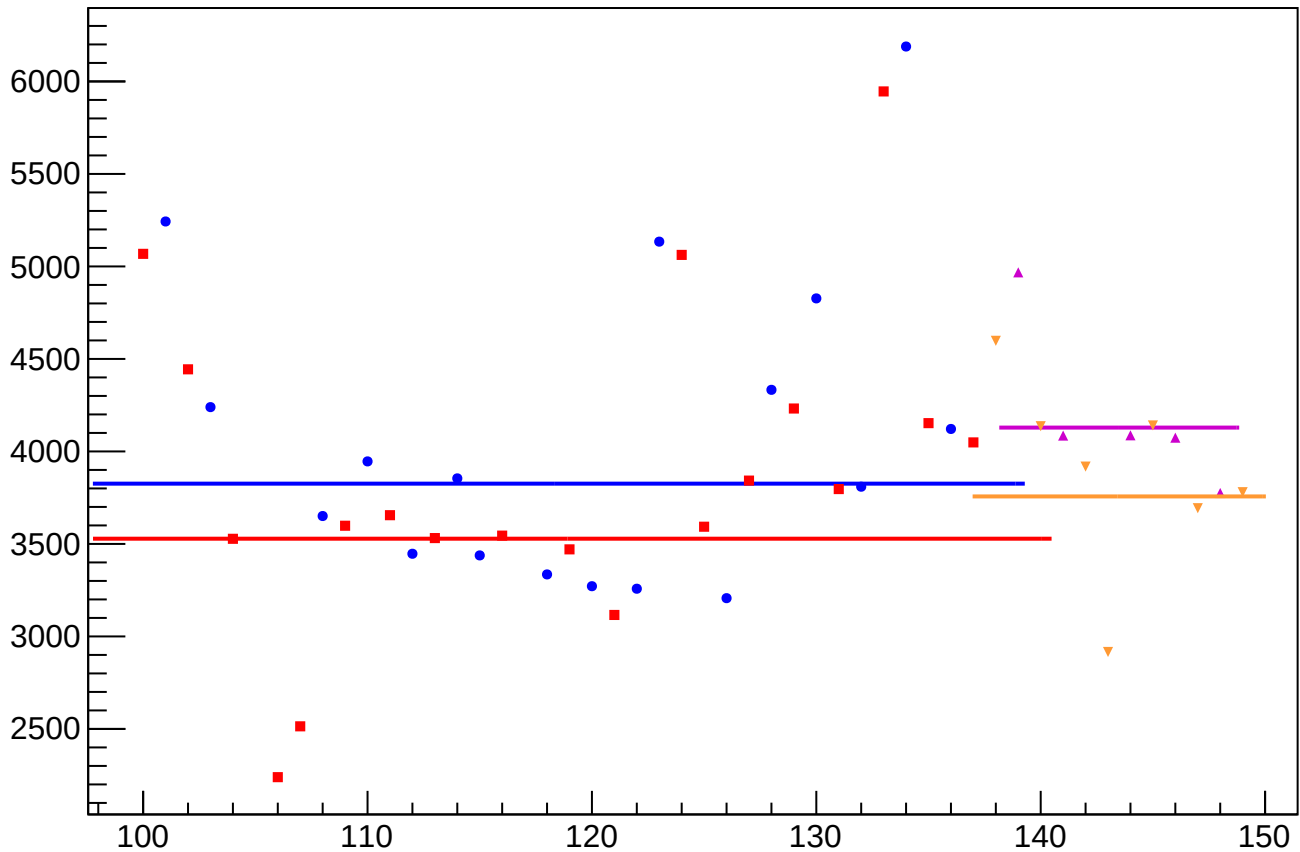
Left In: -1122.099+/-2045.147 χ^2/NDF : 2.2/4

+ sign 576.248+/-1125.784 χ^2/NDF : 25.3/23

All: 422.552+/-802.175 χ^2/NDF : 42.3/47

- 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: 3756.753+/-1.206 χ^2/NDF : 186953.7/6

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

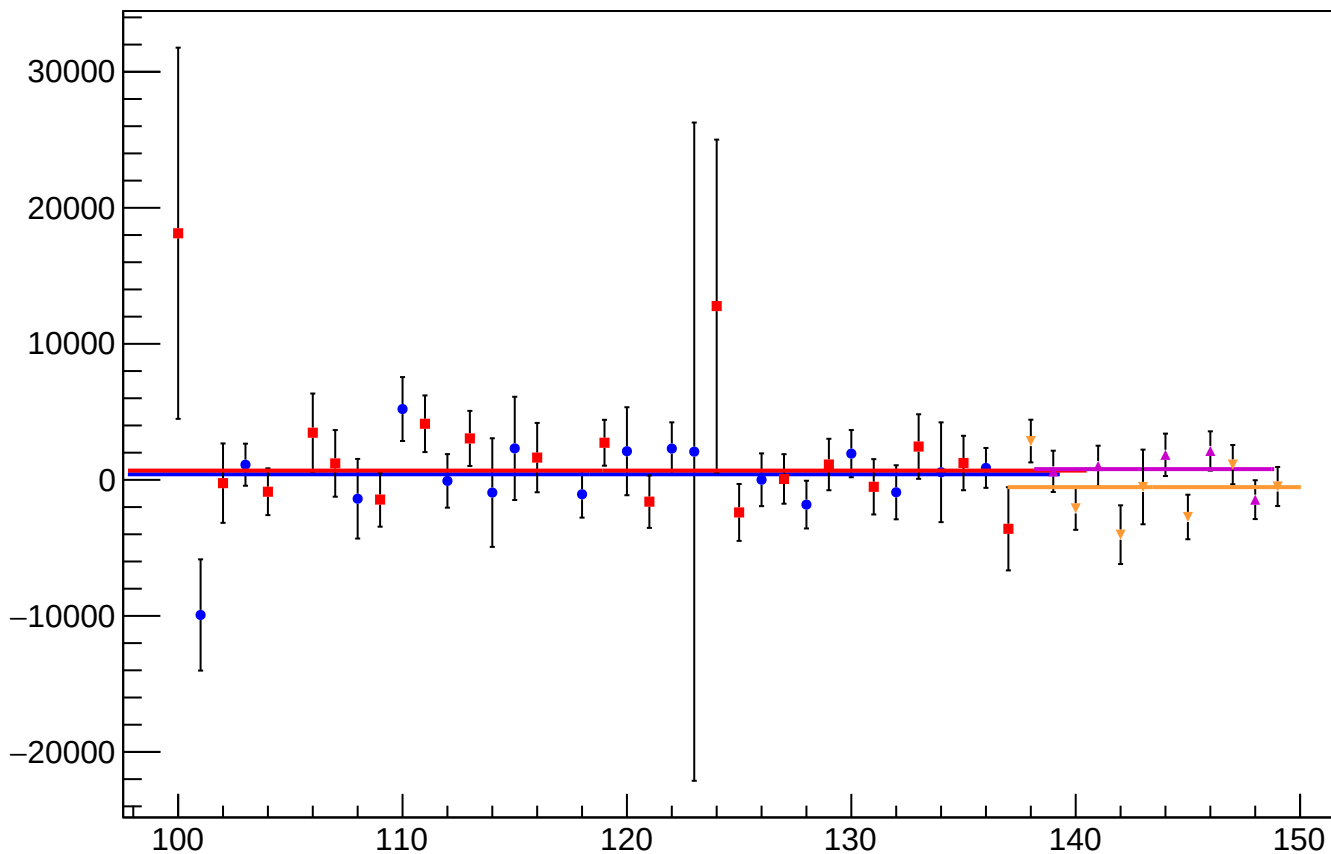
Left In: 4128.872+/-1.446 χ^2/NDF : 60215.2/4

+ sign 3795.718+/-0.796 χ^2/NDF : 523210.4/23

All: 3755.053+/-0.565 χ^2/NDF : 1263354.5/47

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

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 411.419 $\pm$ 527.980 χ^2 /NDF: 16.5/16

Left Out: -533.277 $\pm$ 633.313 χ^2 /NDF:11.4/6

Right Out: 682.176 $\pm$ 510.196 χ^2 /NDF: 18.0/18

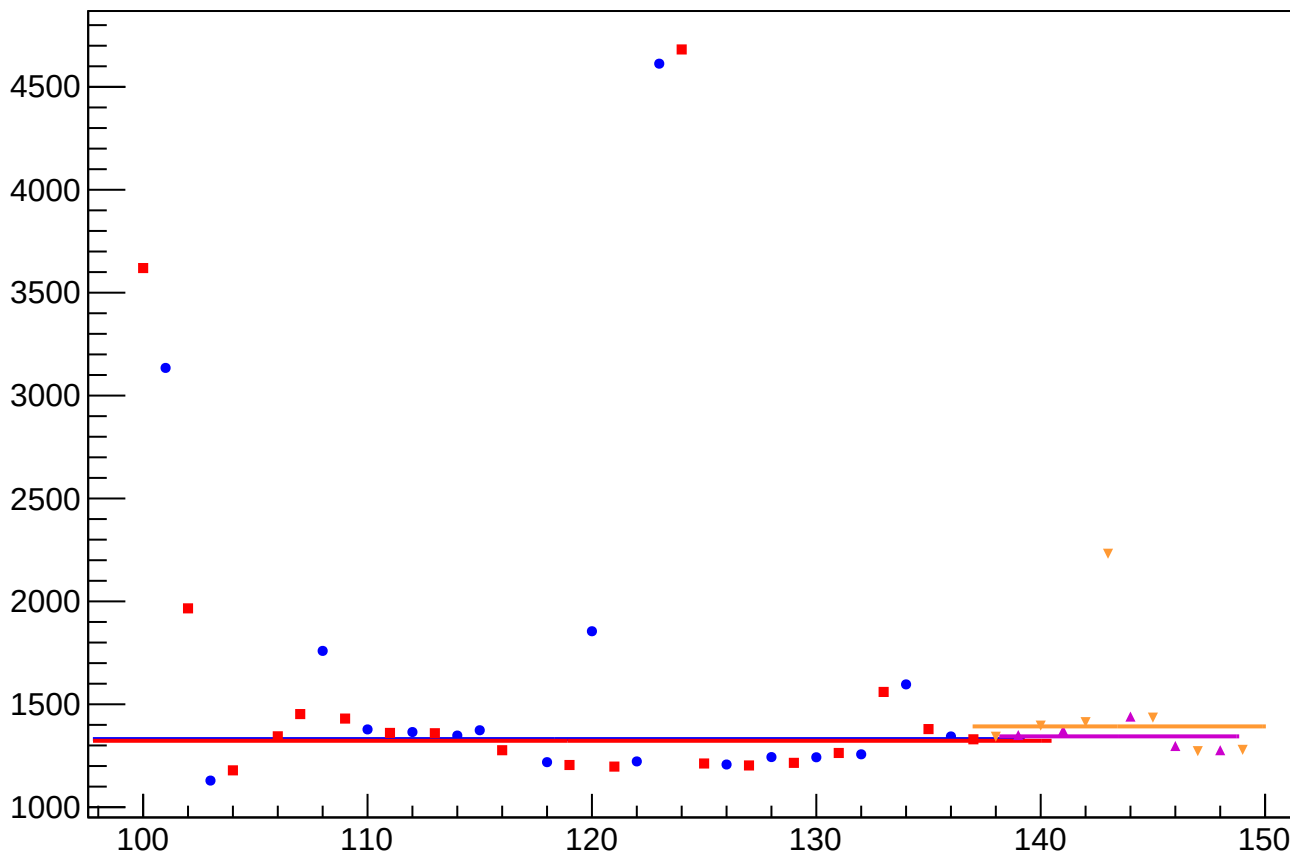
Left In: 791.243 $\pm$ 664.590 χ^2 /NDF:3.8/4

+ sign 24.058 $\pm$ 405.537 χ^2 /NDF: 29.2/23

All: 374.064 $\pm$ 286.460 χ^2 /NDF: 52.6/47

- sign 722.619 $\pm$ 404.696 χ^2 /NDF: 21.9/23

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1330.889+/-0.373 χ^2/NDF : 603474.5/16

Left Out: 1392.507+/-0.448 χ^2/NDF : 216981.6/6

Right Out: 1322.706+/-0.361 χ^2/NDF : 394413.6/18

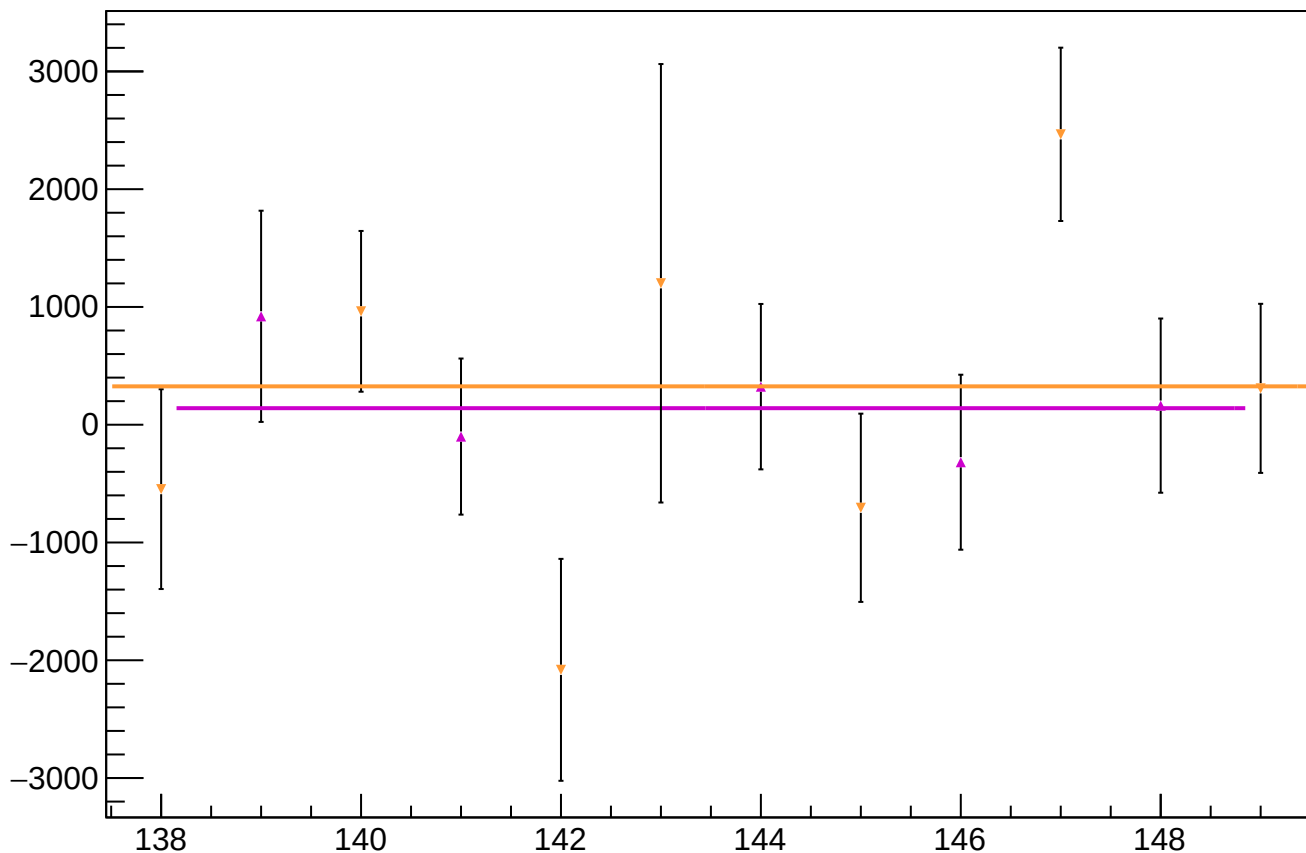
Left In: 1344.124+/-0.470 χ^2/NDF : 14931.9/4

+ sign 1356.155+/-0.287 χ^2/NDF : 831625.5/23

All: 1343.375+/-0.203 χ^2/NDF : 1246242.3/47

- sign 1330.648+/-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: 325.773+/-311.517 χ^2/NDF :18.8/6

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

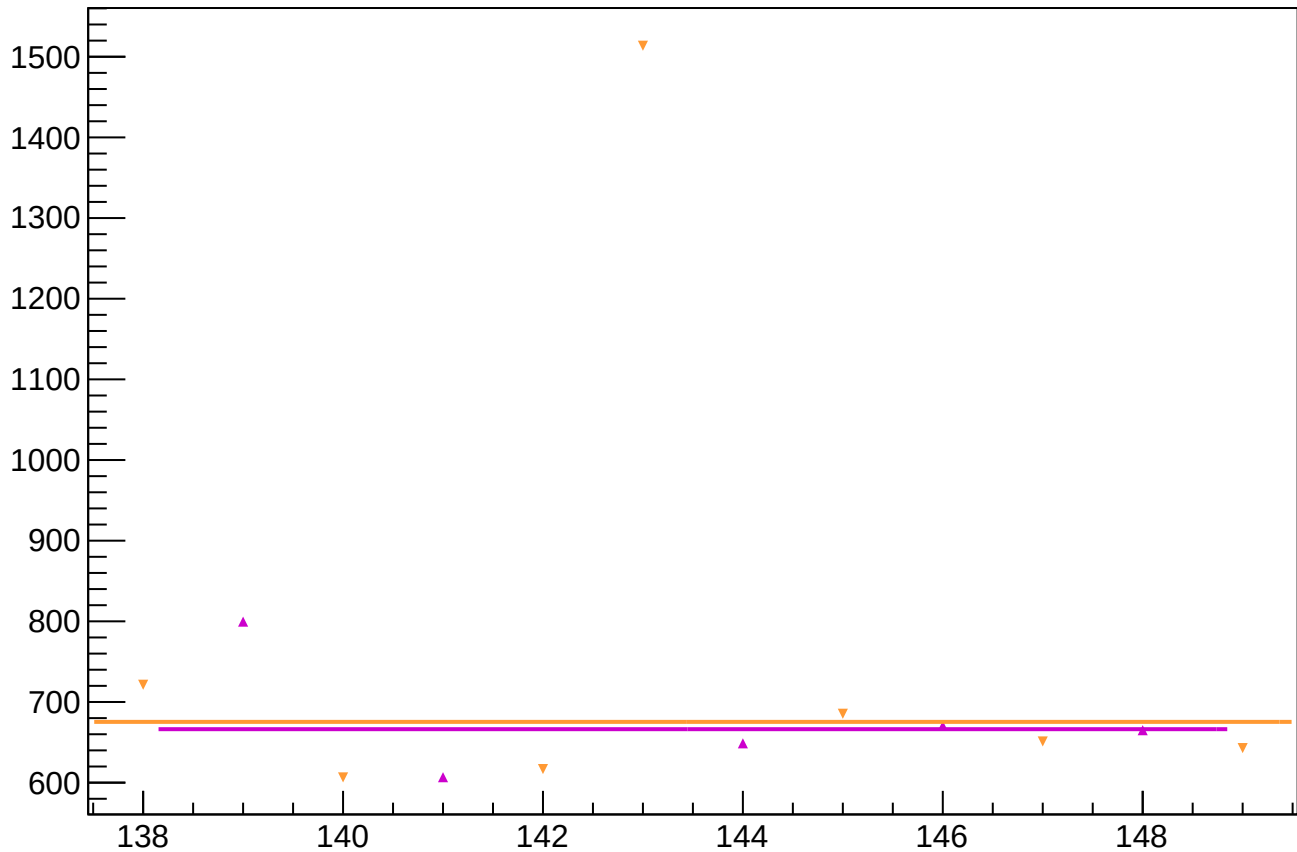
Left In: 140.457+/-329.898 χ^2/NDF :1.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.421+/-226.495 χ^2/NDF : 20.3/11

- 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: 675.347+/-0.220 χ^2/NDF : 446127.8/6

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

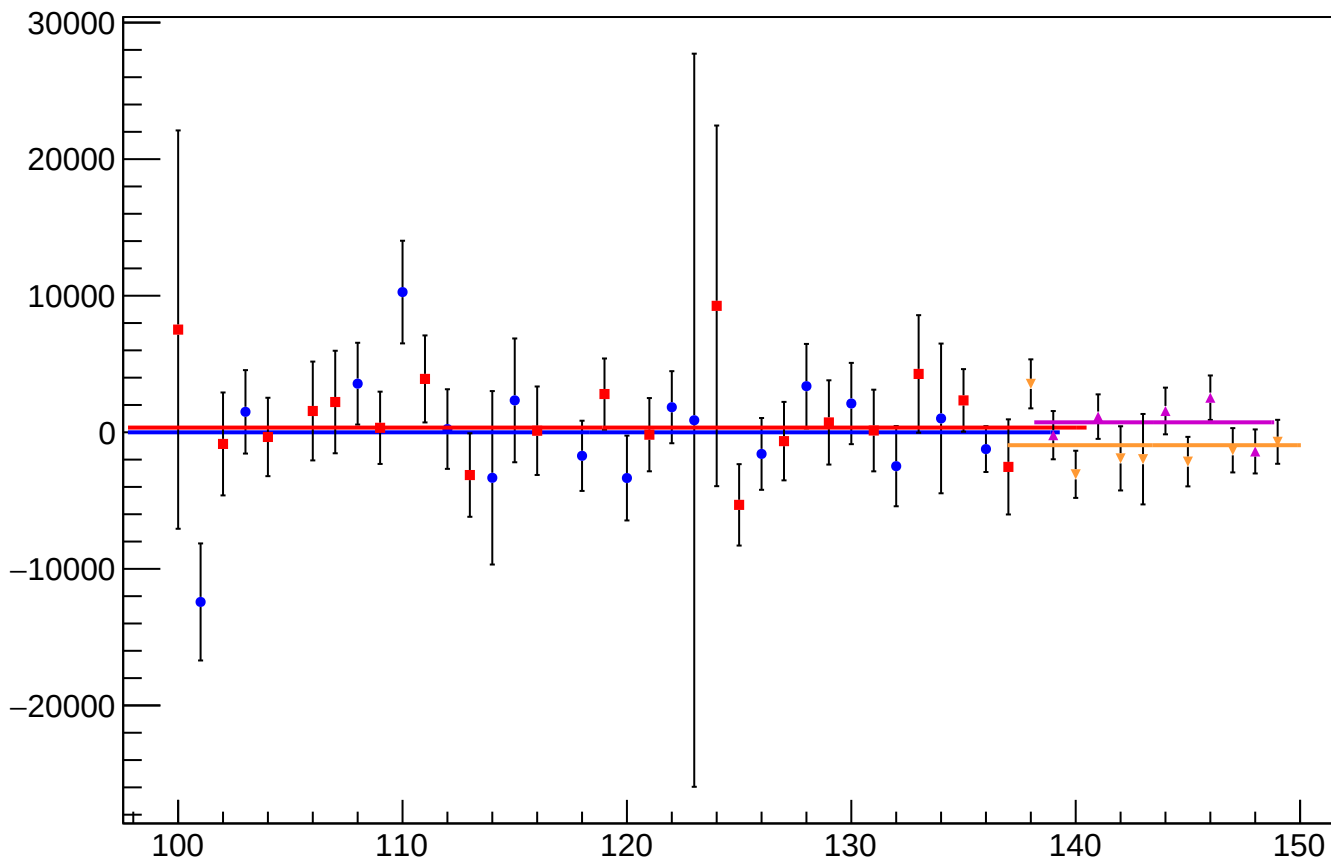
Left In: 666.280+/-0.233 χ^2/NDF : 61700.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 671.073+/-0.160 χ^2/NDF : 508626.7/11

- 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: -945.251 ± 709.130 χ^2/NDF : 8.6/6

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

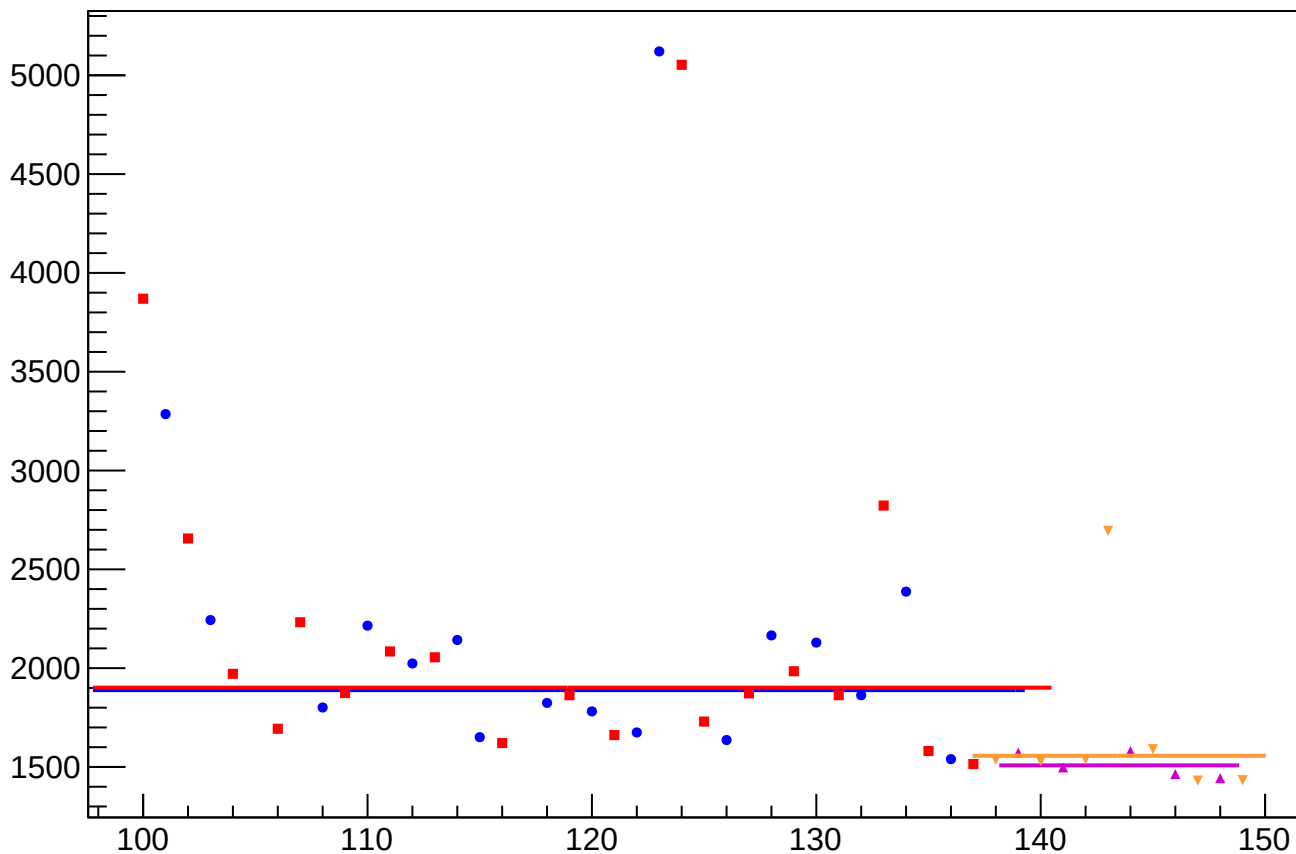
Left In: 730.018 ± 745.129 χ^2/NDF : 3.6/4

+ sign -497.014 ± 513.664 χ^2/NDF : 32.9/23

All: 9.701 ± 366.405 χ^2/NDF : 49.3/47

- 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: 1556.639+/-0.501 χ^2/NDF : 261603.7/6

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

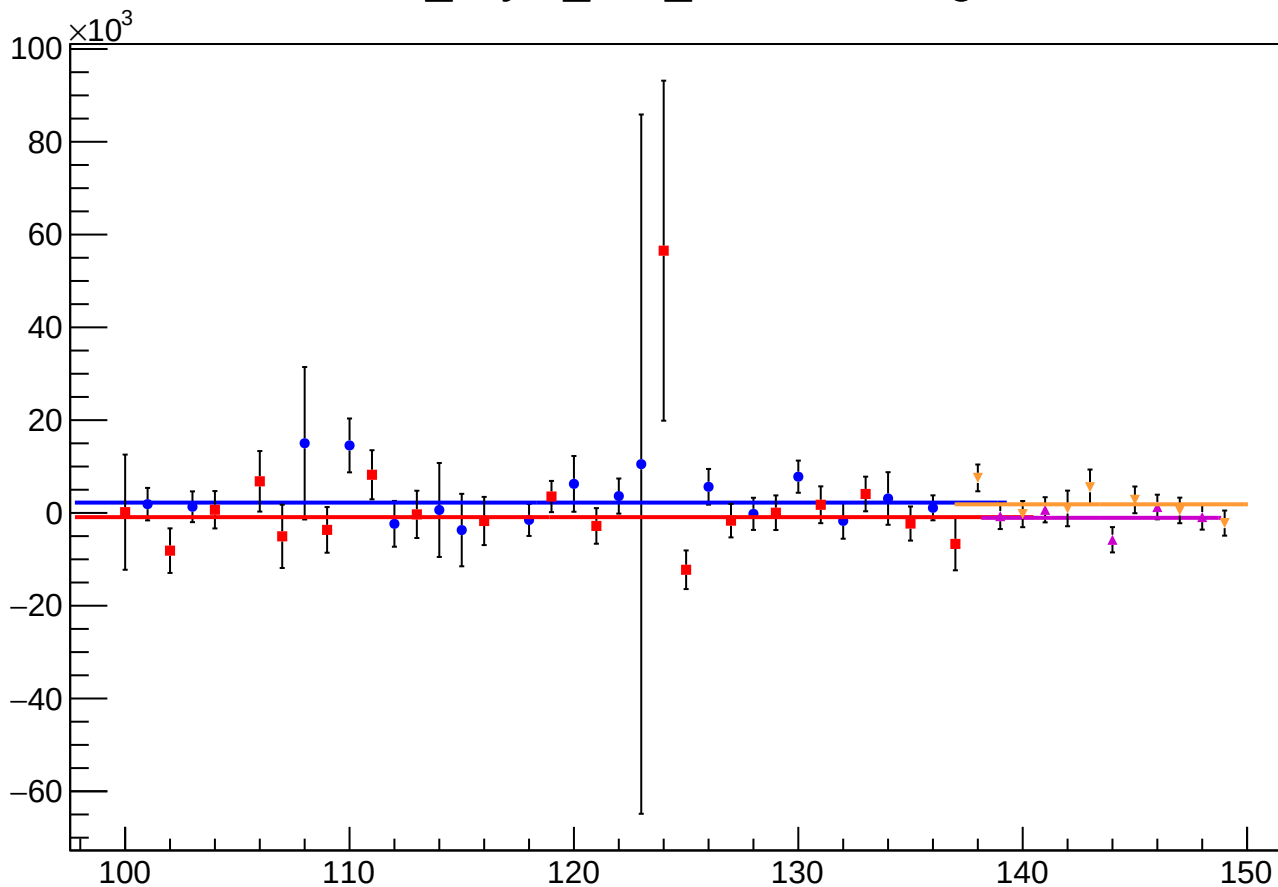
Left In: 1508.124+/-0.527 χ^2/NDF : 10941.2/4

+ sign 1714.523+/-0.363 χ^2/NDF : 936029.3/23

All: 1711.182+/-0.259 χ^2/NDF : 1691217.2/47

- 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: 1858.969 $\pm$ 1138.783 χ^2 /NDF: 8.0/6

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

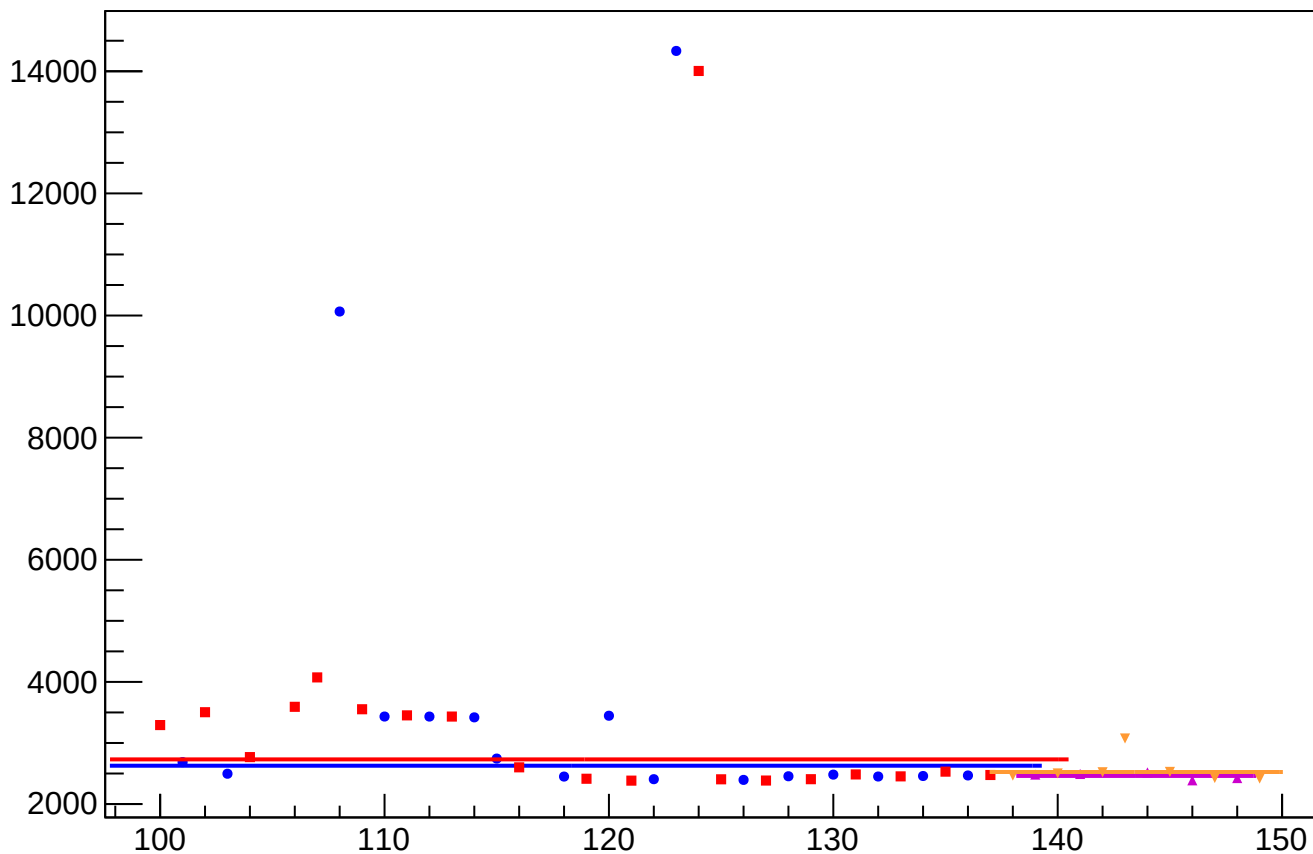
Left In: -1055.801 $\pm$ 1215.429 χ^2 /NDF: 4.2/4

+ sign 2060.043 $\pm$ 767.657 χ^2 /NDF: 21.6/23

All: 594.196 $\pm$ 551.627 χ^2 /NDF: 56.3/47

- 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: 2524.710+/-0.805 χ^2/NDF : 48155.6/6

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

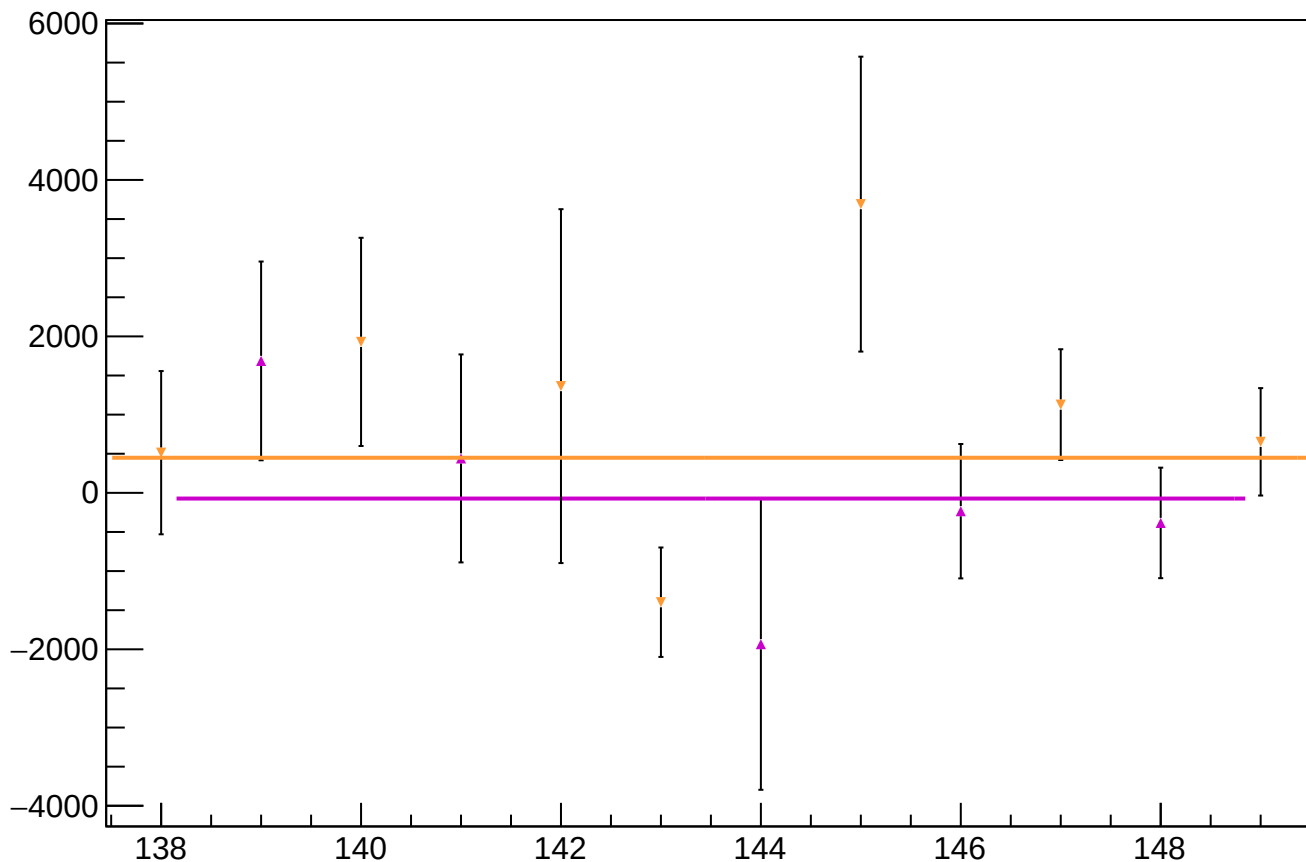
Left In: 2460.428+/-0.859 χ^2/NDF : 3118.5/4

+ sign 2580.829+/-0.543 χ^2/NDF : 701454.7/23

All: 2597.799+/-0.390 χ^2/NDF : 1361816.3/47

- 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: 448.781+/-350.920 χ^2/NDF :12.3/6

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

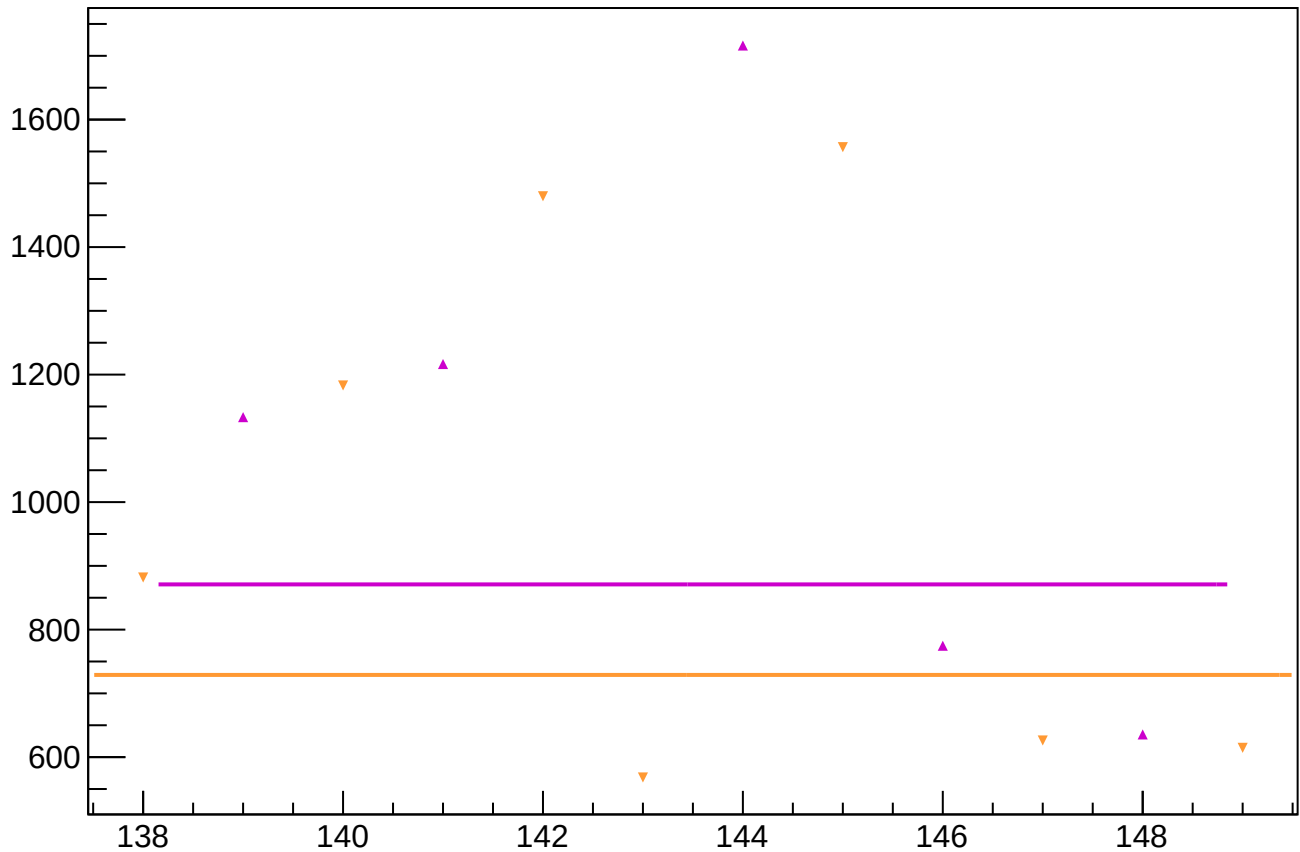
Left In: -72.804+/-454.825 χ^2/NDF :3.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.149+/-277.836 χ^2/NDF : 16.5/11

- 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: 728.943+/-0.248 χ^2/NDF : 1085228.0/6

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

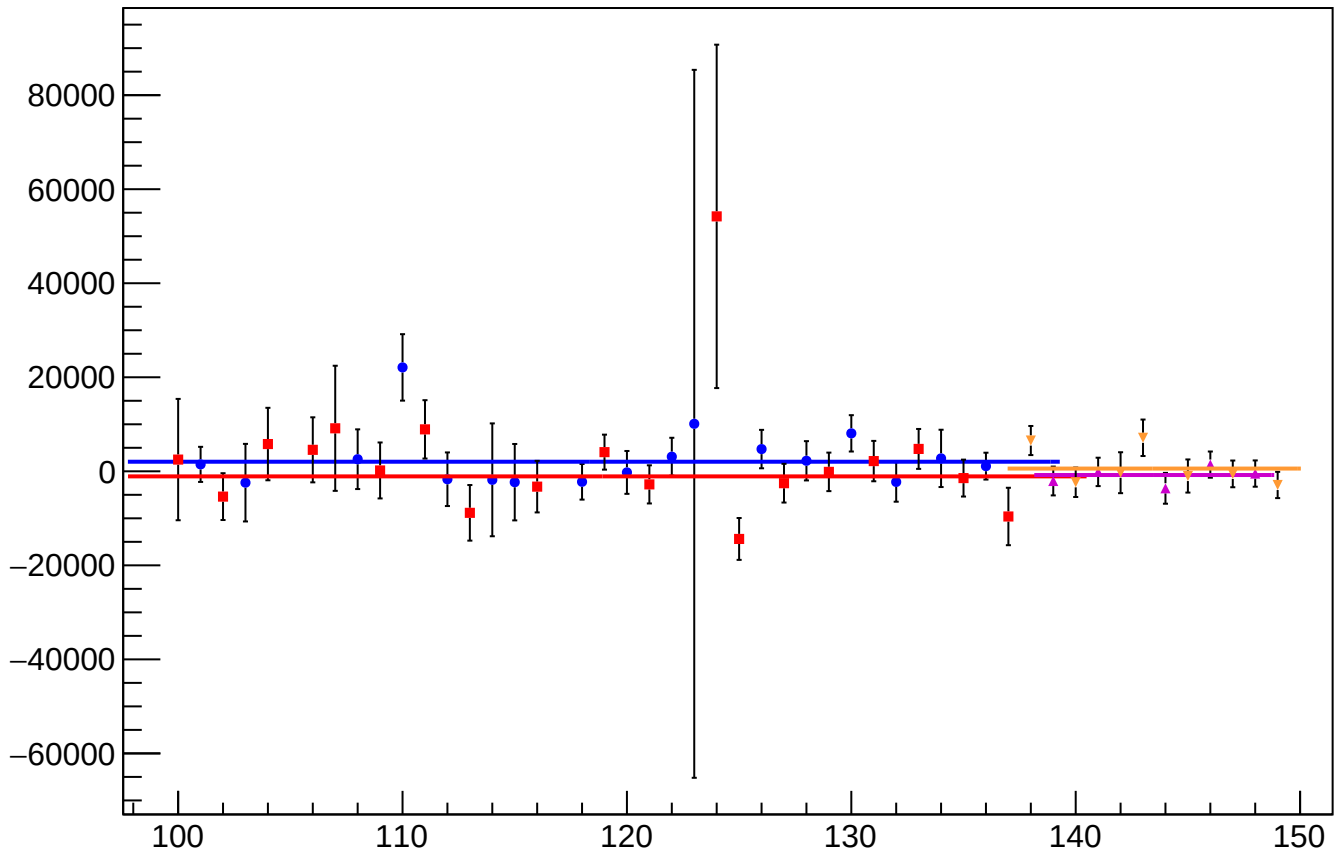
Left In: 870.935+/-0.322 χ^2/NDF : 879931.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.928+/-0.196 χ^2/NDF : 2087346.5/11

- 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: 582.122+/-1232.522 χ^2/NDF : 9.4/6

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

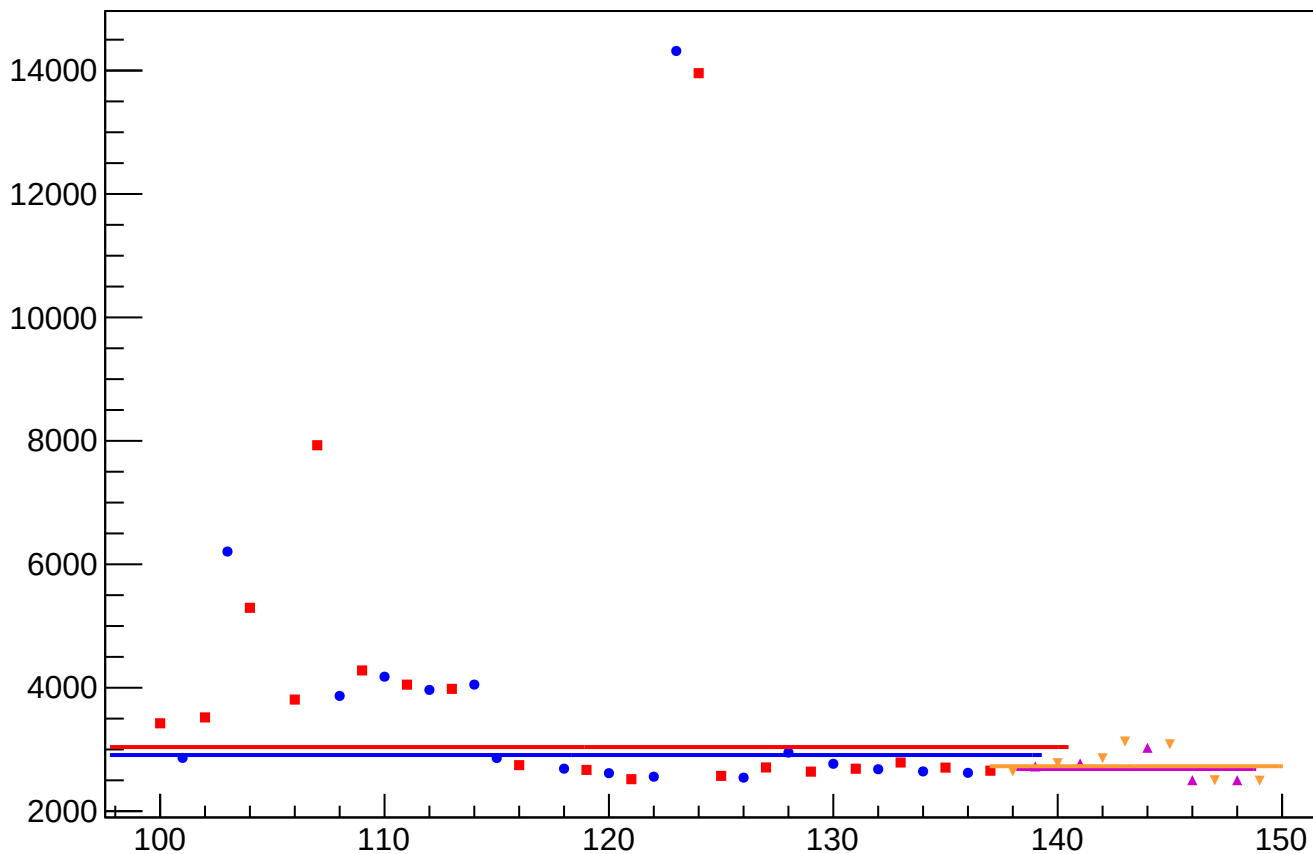
Left In: -789.144+/-1329.090 χ^2/NDF : 1.6/4

+ sign 1359.428+/-841.388 χ^2/NDF : 25.0/23

All: 262.759+/-609.847 χ^2/NDF : 55.5/47

- 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: 2728.252+/-0.872 χ^2/NDF : 72119.6/6

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

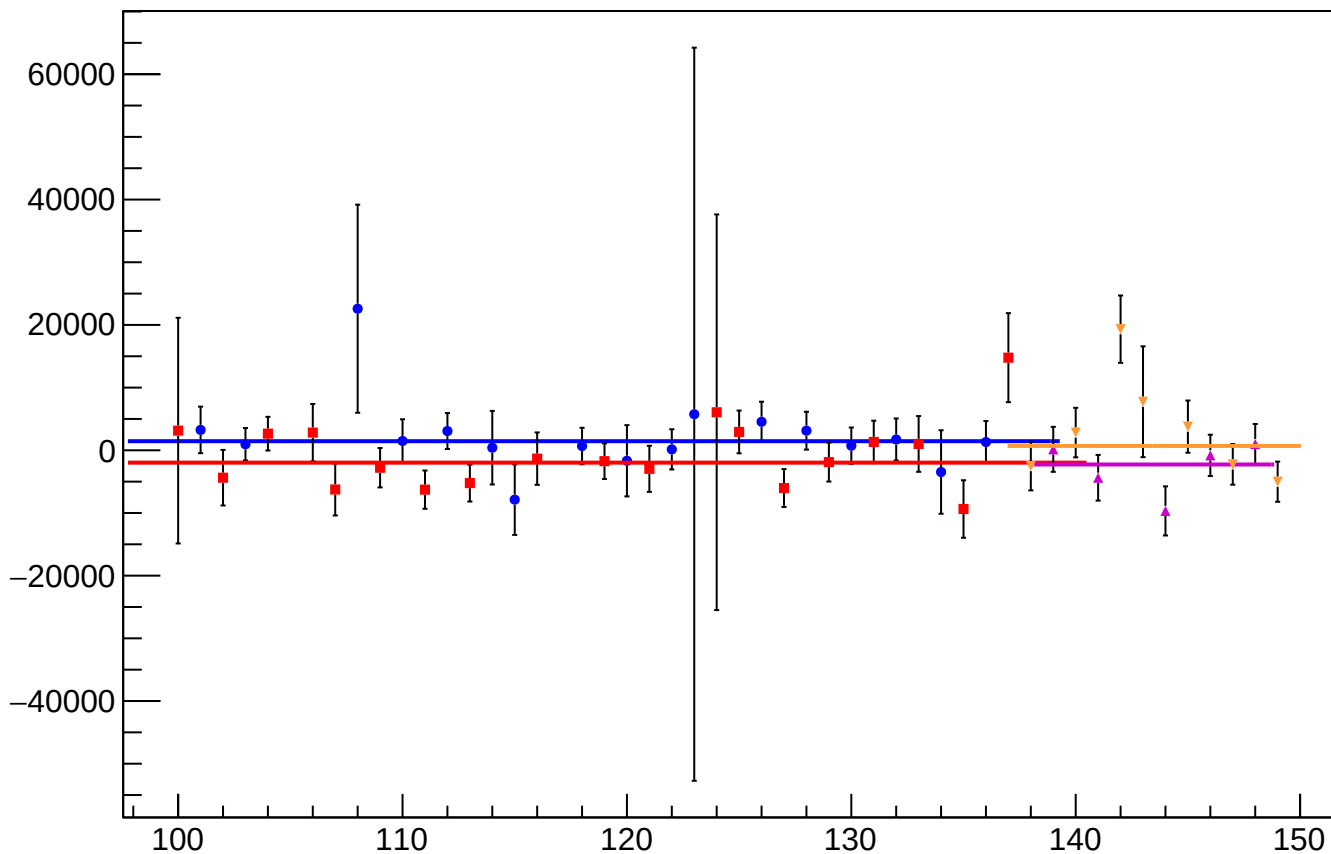
Left In: 2683.392+/-0.940 χ^2/NDF : 40972.2/4

+ sign 2825.159+/-0.595 χ^2/NDF : 737168.4/23

All: 2851.820+/-0.431 χ^2/NDF : 1873397.3/47

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

dit_asym_atl2_mean vs Slug



Right In: 1451.980 ± 889.008 $\chi^2/\text{NDF}: 7.4/16$

Left Out: 694.986 ± 1527.724 $\chi^2/\text{NDF}: 18.2/6$

Right Out: -1969.182 ± 850.490 $\chi^2/\text{NDF}: 22.4/18$

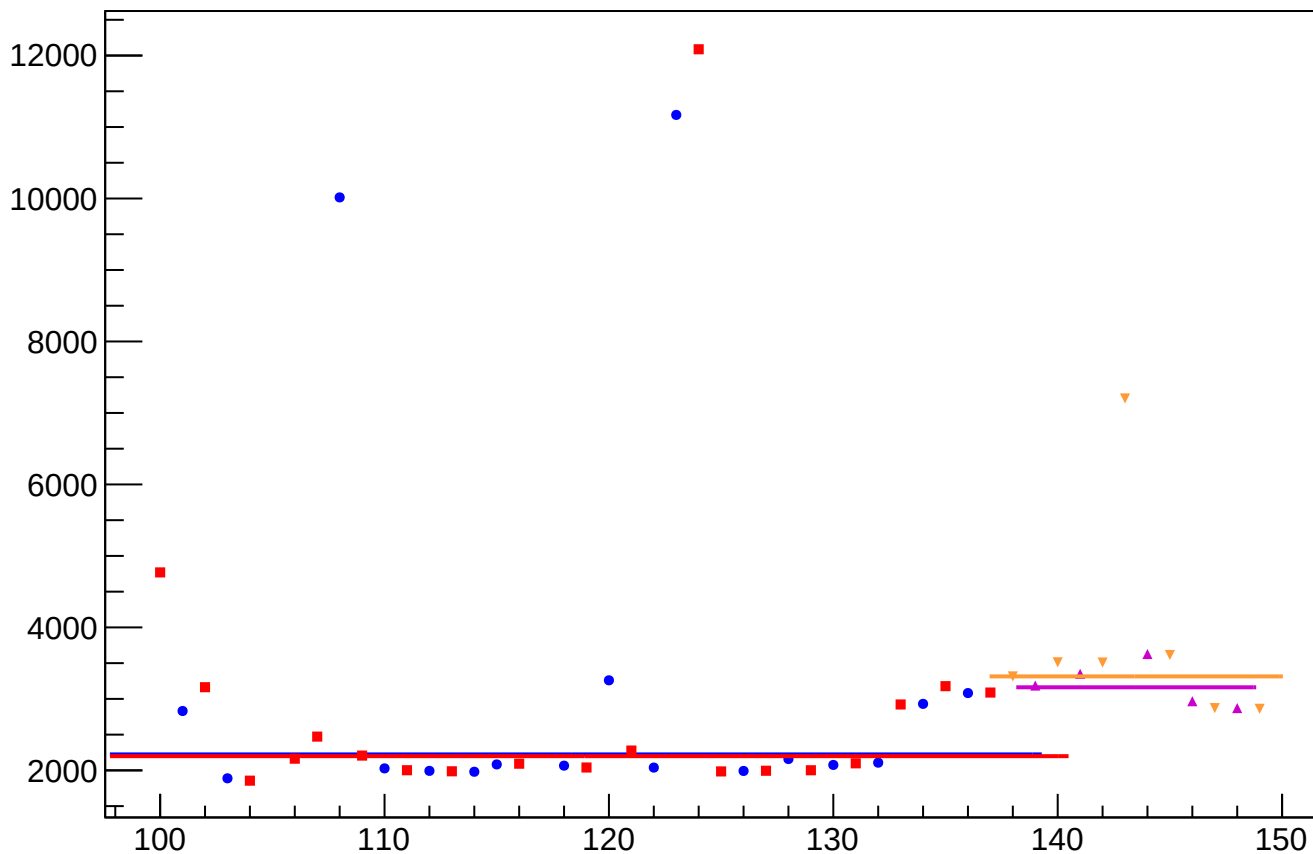
Left In: -2265.218 ± 1565.246 $\chi^2/\text{NDF}: 5.6/4$

+ sign 1260.486 ± 768.380 $\chi^2/\text{NDF}: 25.8/23$

All: -433.937 ± 535.718 $\chi^2/\text{NDF}: 63.2/47$

- sign -2036.661 ± 747.299 $\chi^2/\text{NDF}: 28.0/23$

dit_asym_atl2_rms vs Slug



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

Left Out: 3314.508 $\pm$ 1.080 χ^2 /NDF: 482284.9/6

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

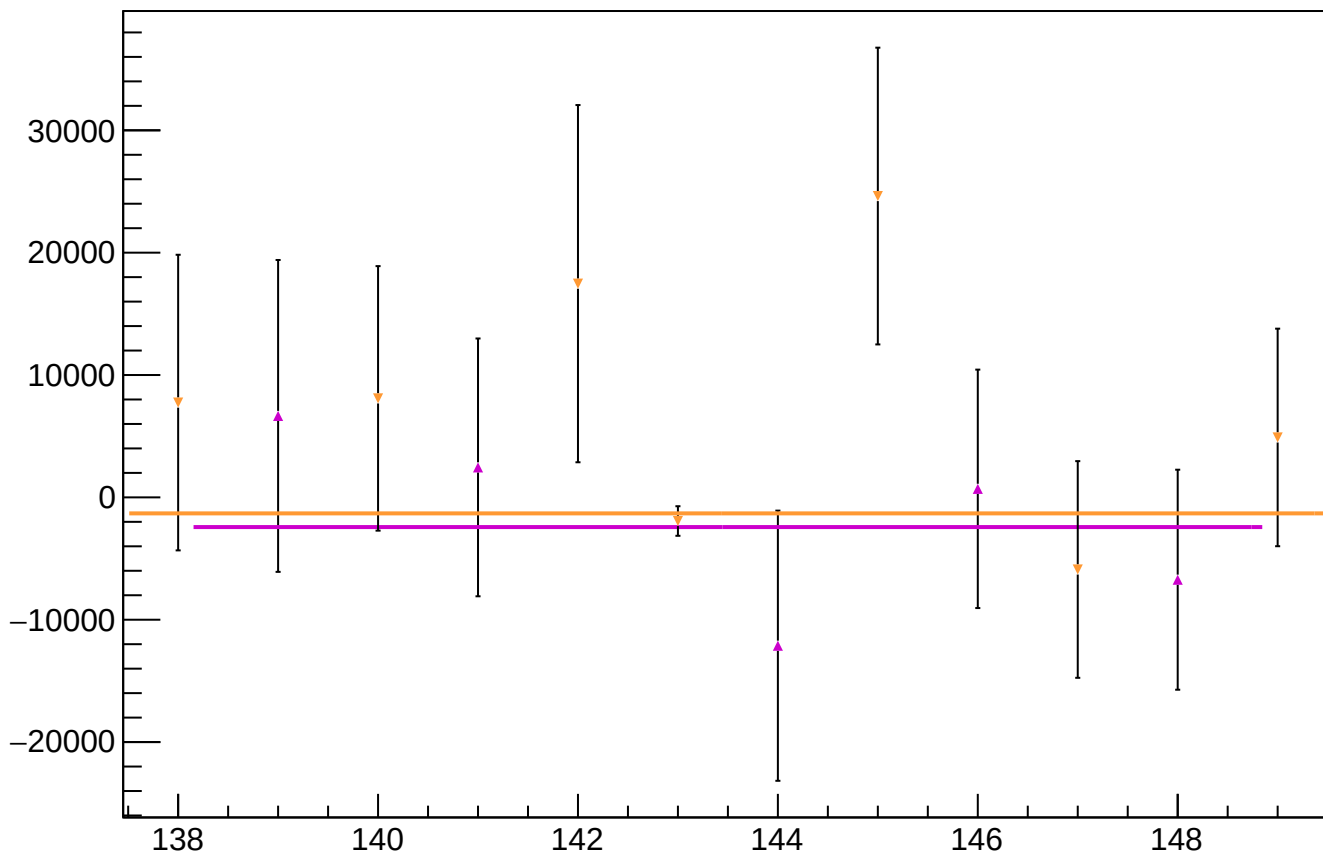
Left In: 3162.110 $\pm$ 1.107 χ^2 /NDF: 57226.0/4

+ sign 2499.213 $\pm$ 0.543 χ^2 /NDF: 2095056.9/23

All: 2457.507 $\pm$ 0.379 χ^2 /NDF: 3351256.0/47

- 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: -1308.533+/-1164.979 χ^2/NDF : 8.6/6

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

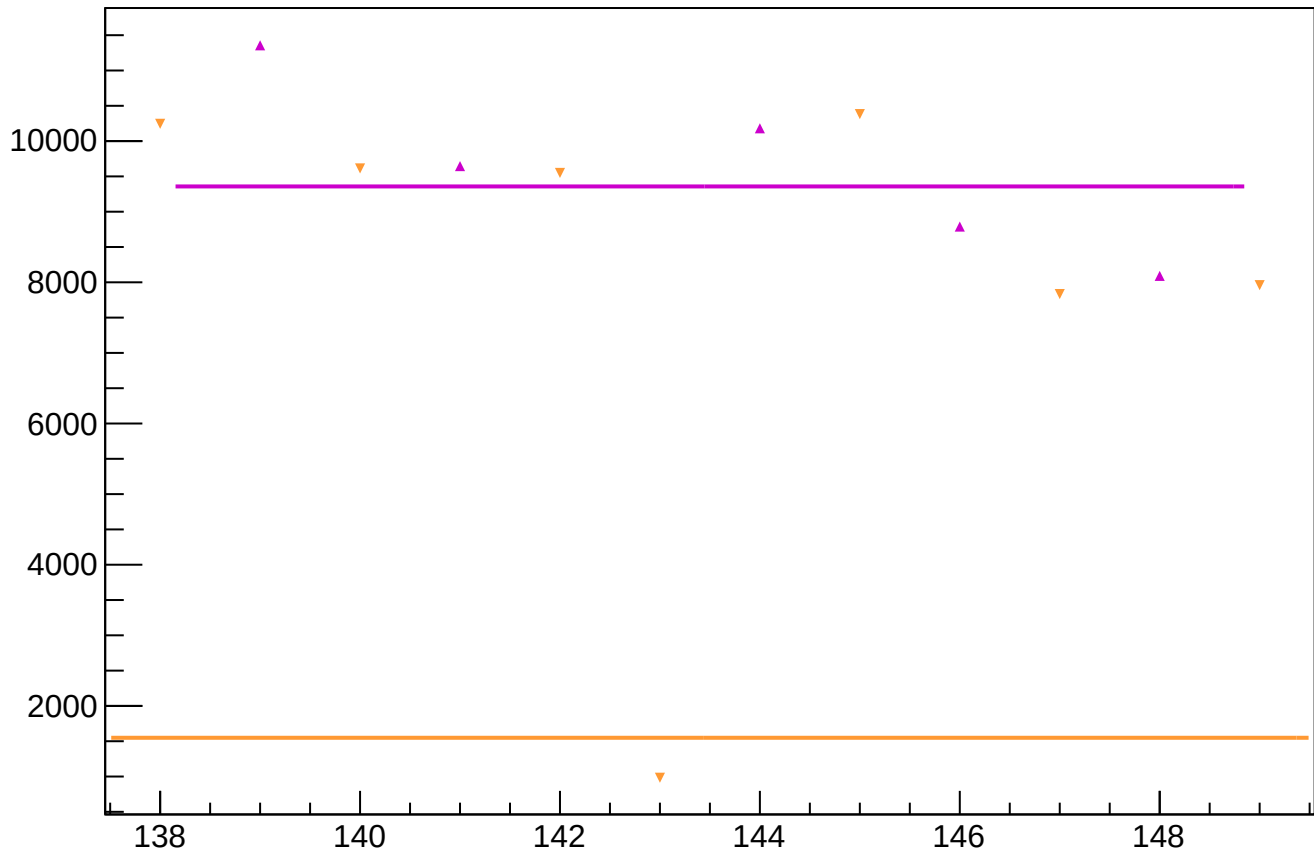
Left In: -2427.267+/-4648.807 χ^2/NDF : 1.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1374.637+/-1130.037 χ^2/NDF : 10.4/11

- 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: 1548.851+/-0.824 χ^2/NDF : 6297135.7/6

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

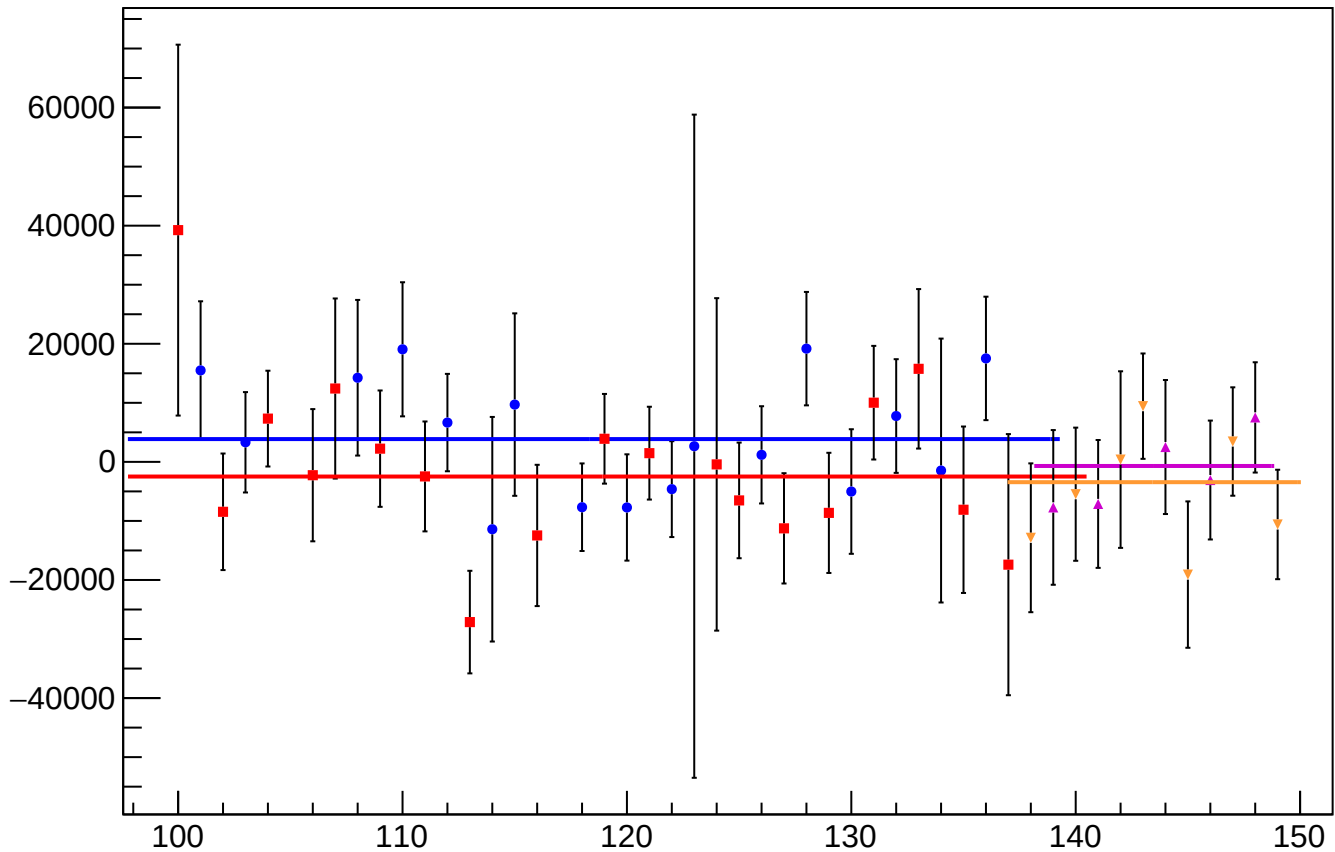
Left In: 9357.881+/-3.287 χ^2/NDF : 108322.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2010.274+/-0.799 χ^2/NDF : 11715403.0/1

- 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: -3438.348 $\pm$ 4041.377 χ^2 /NDF:5.5/6

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

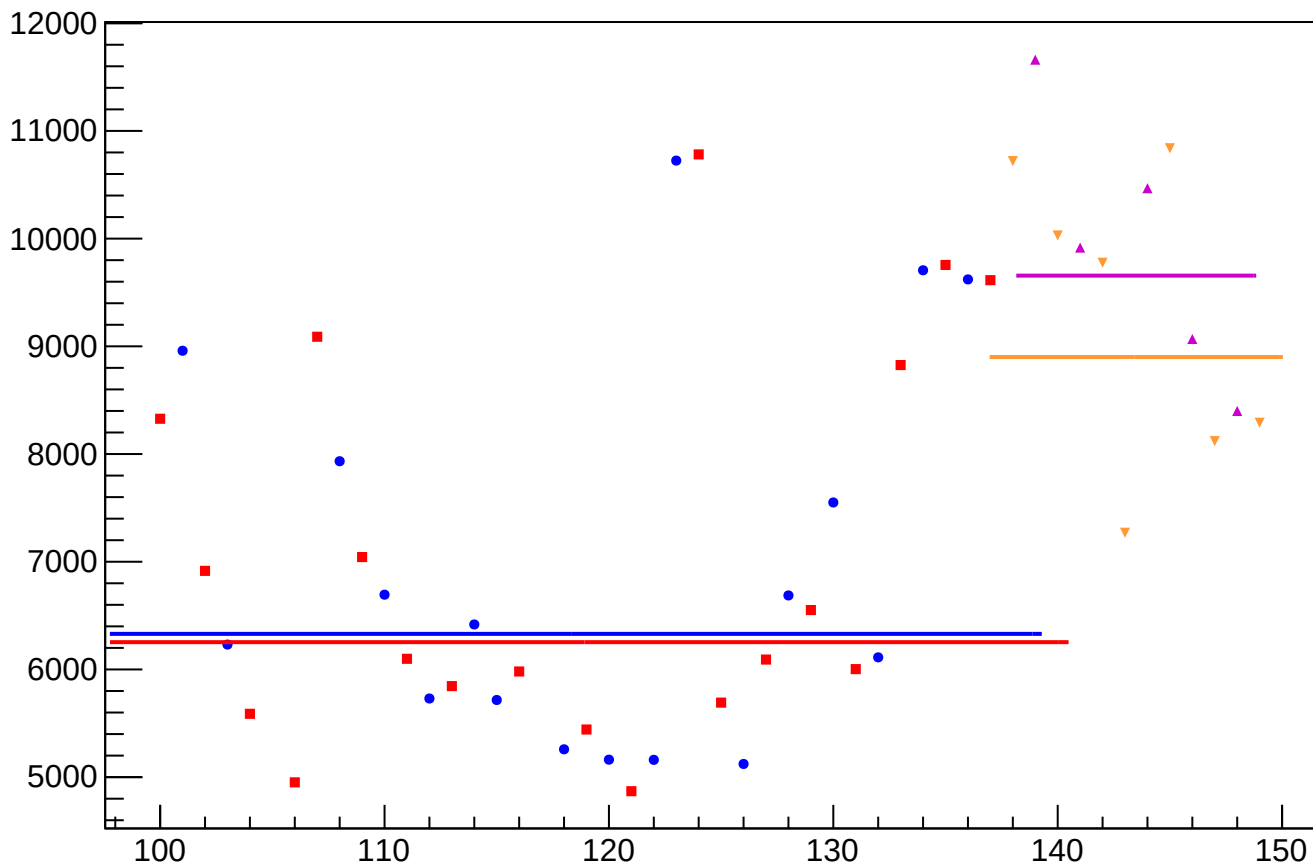
Left In: -694.261 $\pm$ 4796.861 χ^2 /NDF:1.6/4

+ sign 1829.749 $\pm$ 2131.482 χ^2 /NDF: 22.6/23

All: -117.332 $\pm$ 1517.703 χ^2 /NDF: 46.0/47

- 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: 8900.634+/-2.858 χ^2/NDF : 207508.8/6

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

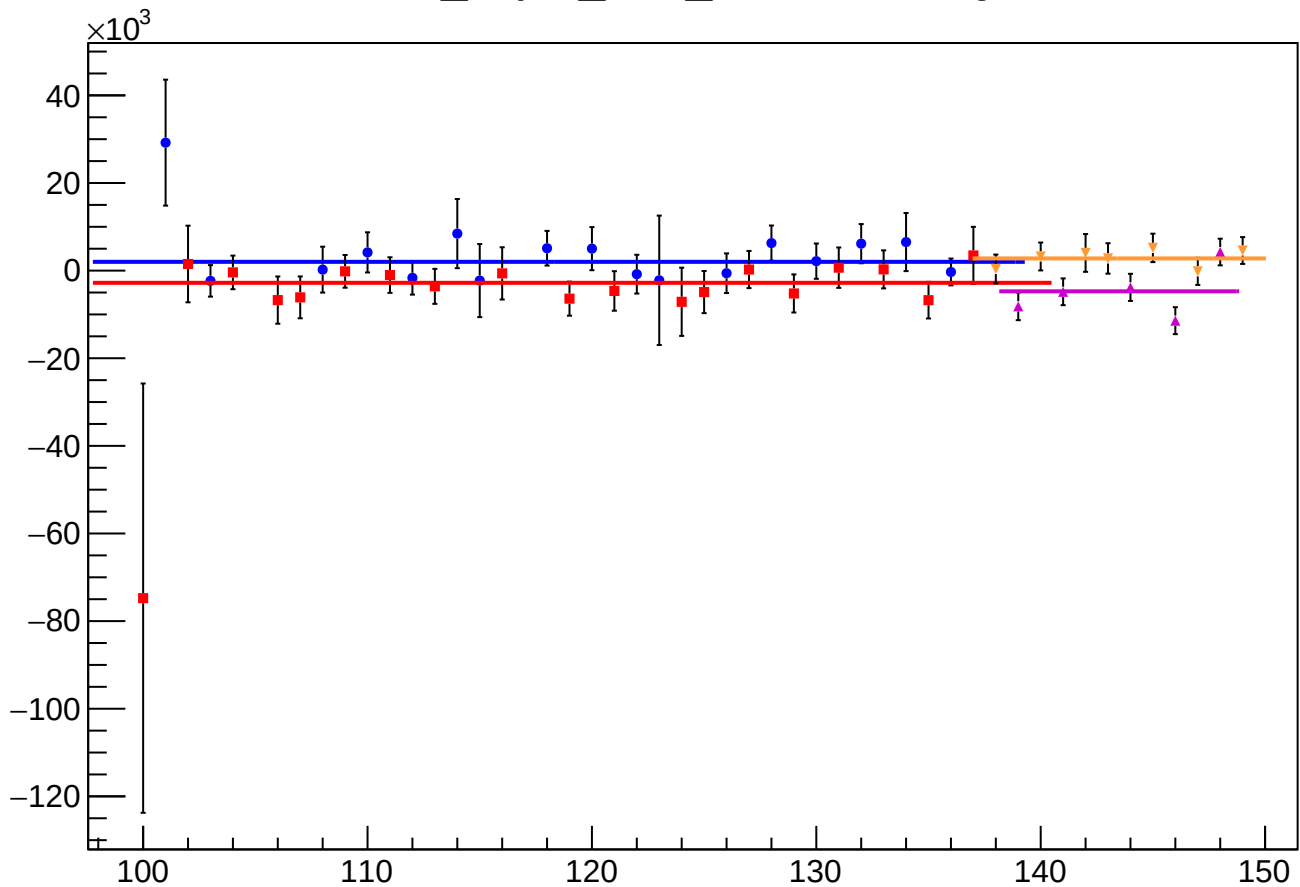
Left In: 9656.403+/-3.392 χ^2/NDF : 101292.1/4

+ sign 7045.269+/-1.507 χ^2/NDF : 1384876.1/23

All: 6995.486+/-1.073 χ^2/NDF : 2825958.5/47

- 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: 2783.498 $\pm$ 1255.832 χ^2 /NDF: 2.5/6

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

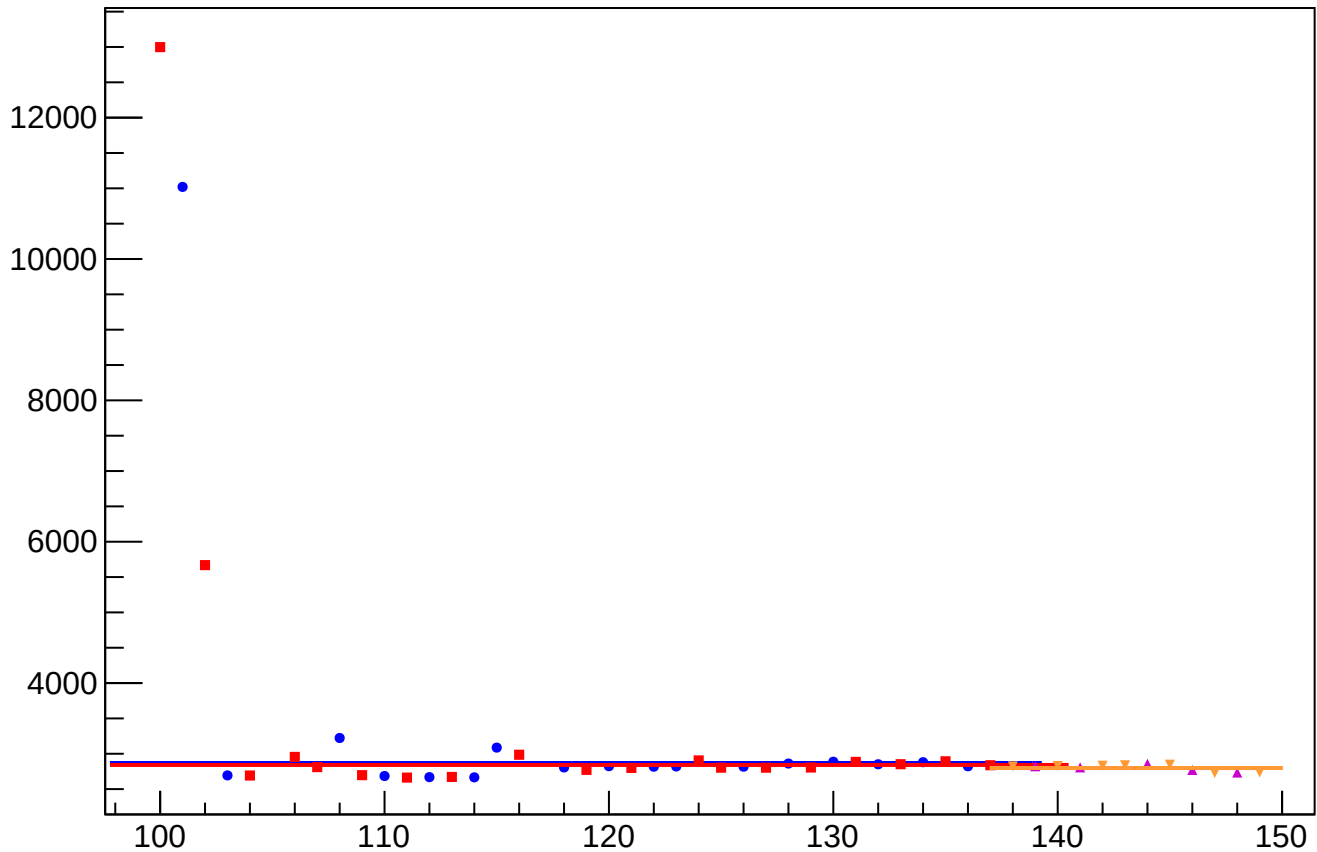
Left In: -4724.695 $\pm$ 1380.206 χ^2 /NDF: 14.7/4

+ sign 2354.957 $\pm$ 841.742 χ^2 /NDF: 14.7/23

All: -543.744 $\pm$ 599.334 χ^2 /NDF: 64.6/47

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

dit_asym_atr1_rms vs Slug



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

Left Out: 2798.700+/-0.888 χ^2/NDF : 2902.3/6

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

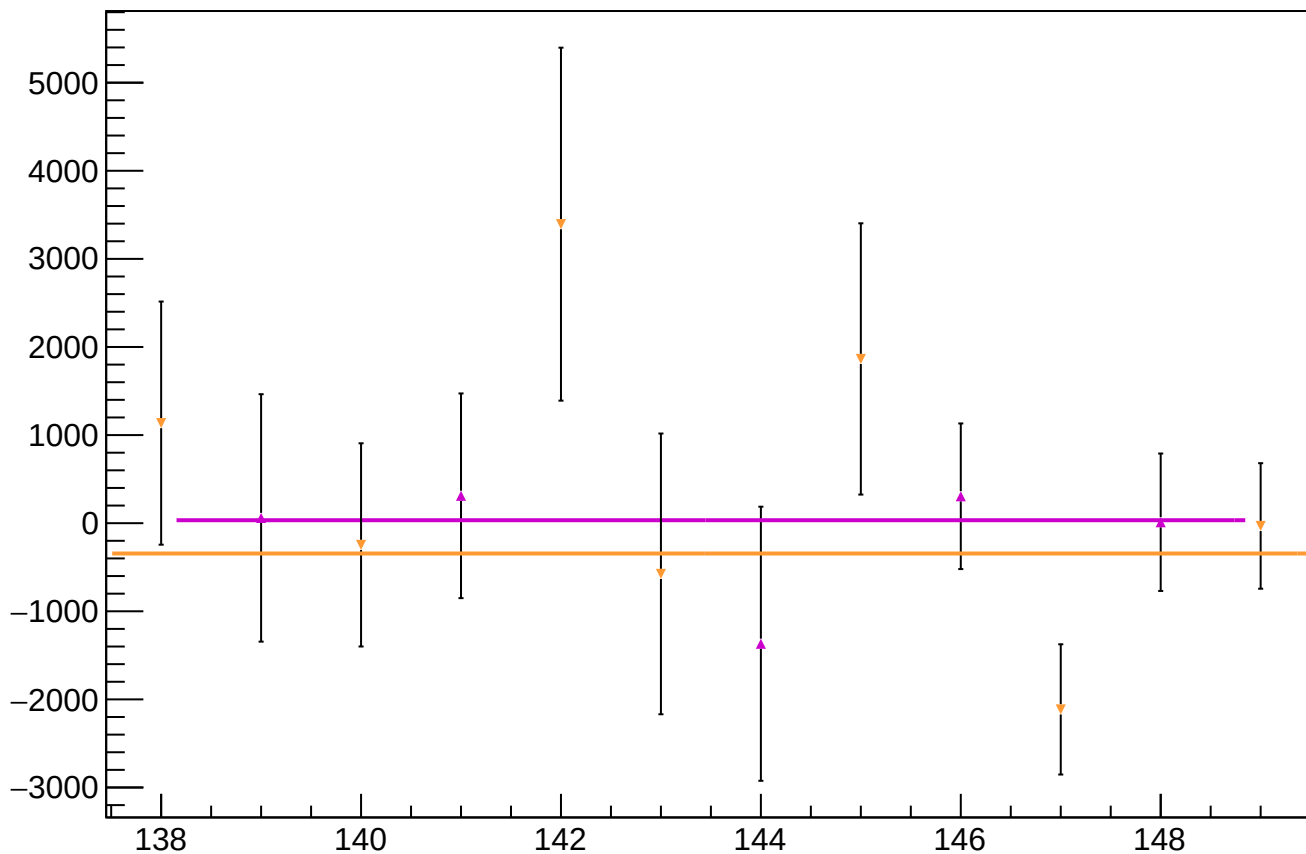
Left In: 2798.001+/-0.976 χ^2/NDF : 1920.7/4

+ sign 2837.525+/-0.595 χ^2/NDF : 676273.8/23

All: 2831.301+/-0.424 χ^2/NDF : 992169.6/47

- sign 2824.901+/-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: -344.176+/-403.492 χ^2/NDF :12.6/6

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

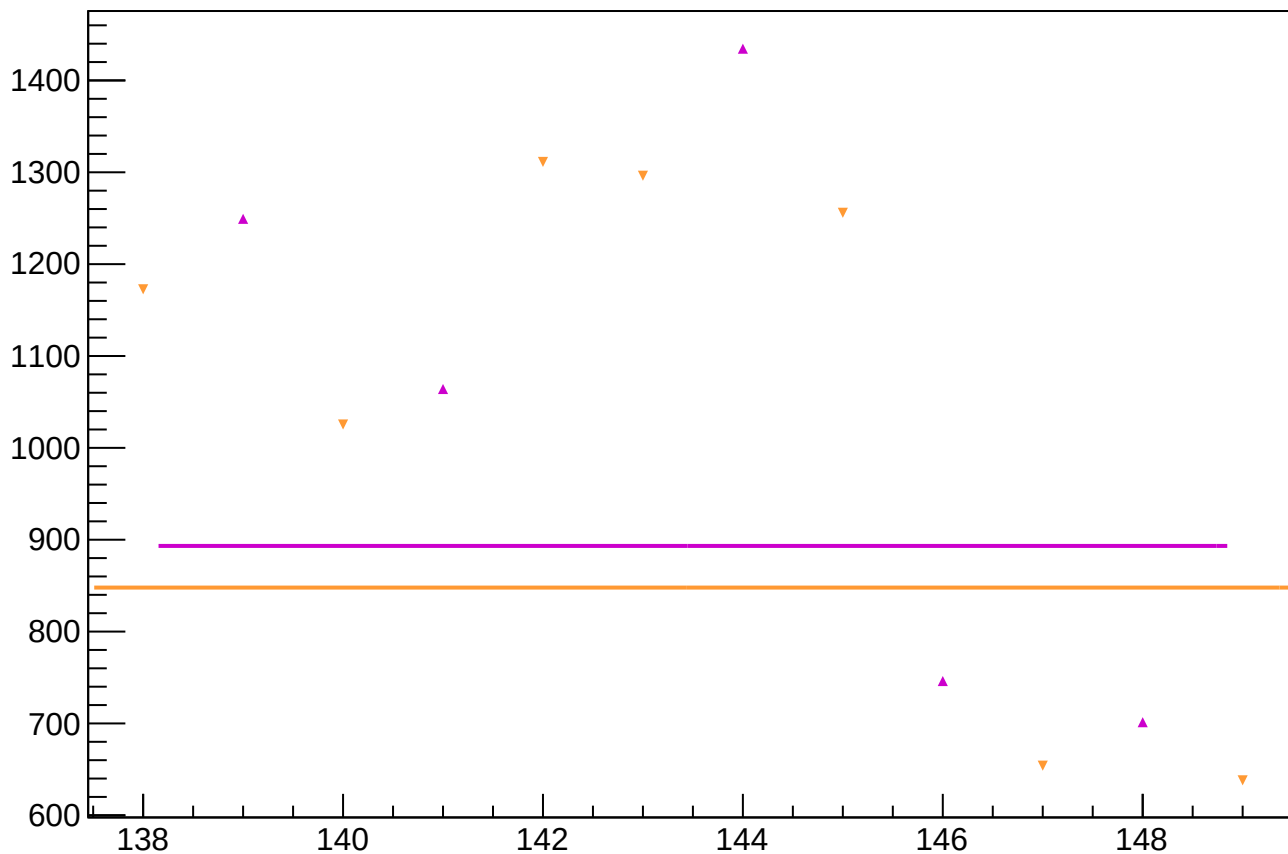
Left In: 33.652+/-457.896 χ^2/NDF :1.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.030+/-302.729 χ^2/NDF : 14.0/11

- 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: 847.899+/-0.285 χ^2/NDF : 875094.7/6

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

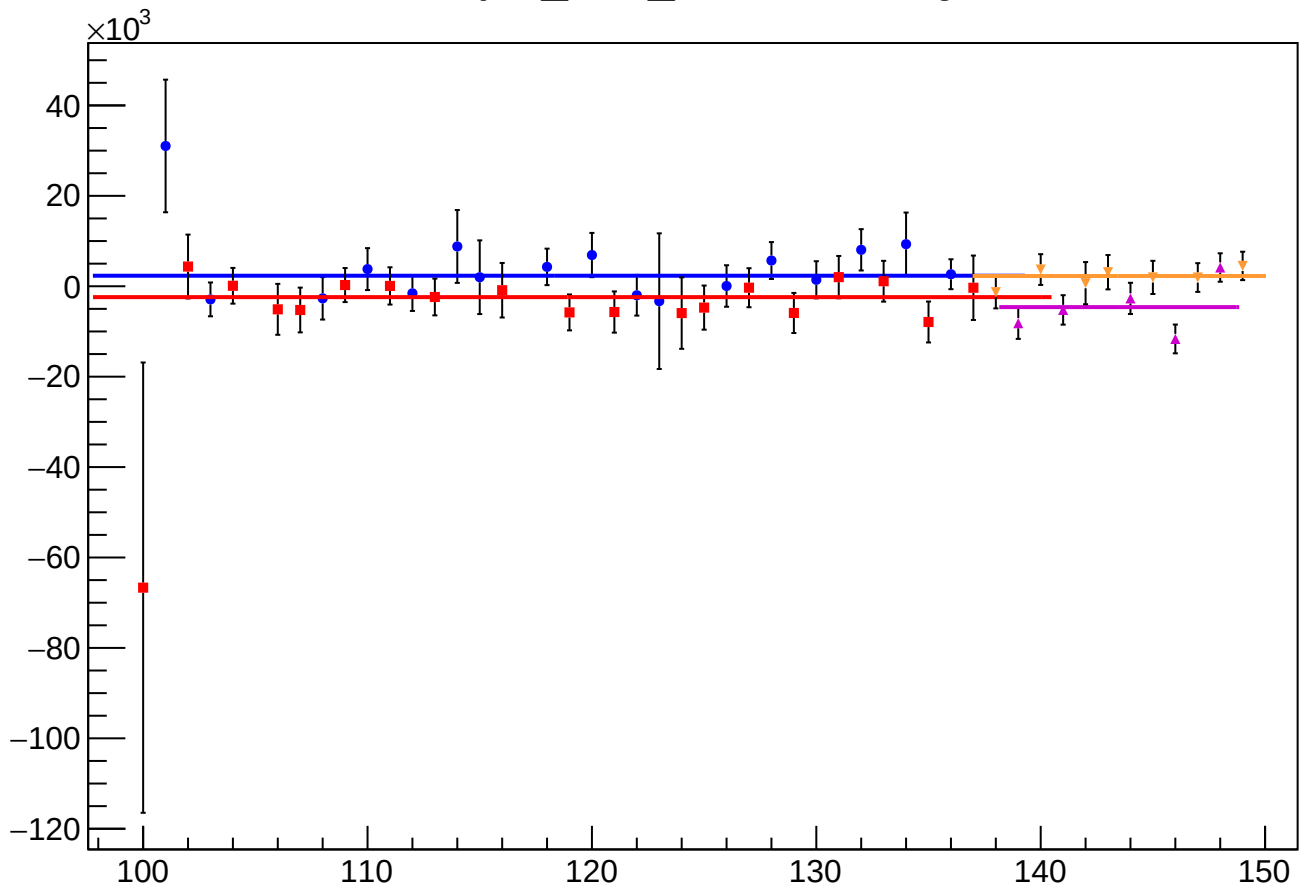
Left In: 893.248+/-0.324 χ^2/NDF : 598460.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.721+/-0.214 χ^2/NDF : 1484597.4/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 2265.599 $\pm$ 1343.016 χ^2 /NDF: 1.9/6

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

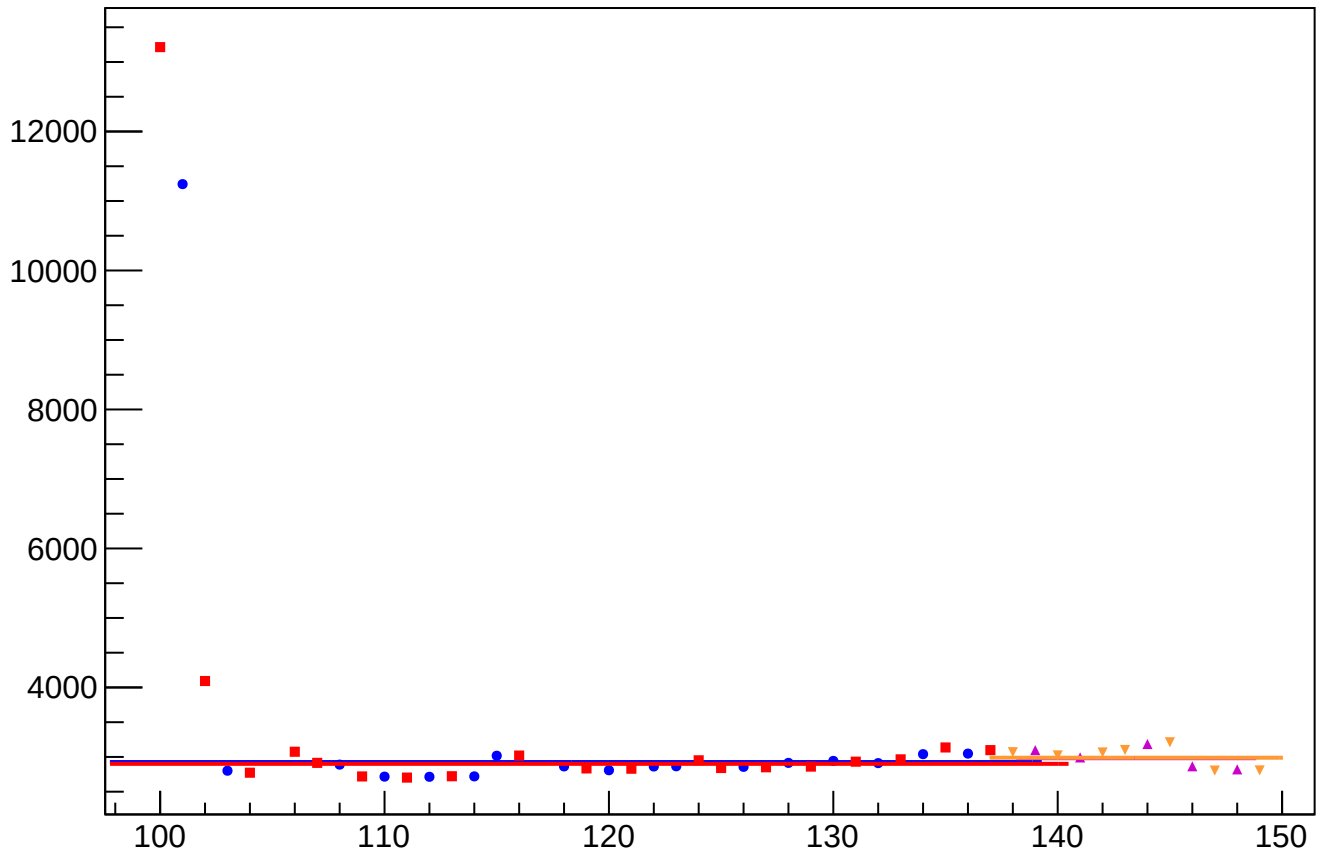
Left In: -4612.264 $\pm$ 1472.483 χ^2 /NDF: 14.1/4

+ sign 2302.654 $\pm$ 876.379 χ^2 /NDF: 16.3/23

All: -419.365 $\pm$ 623.212 χ^2 /NDF: 61.3/47

- sign -3204.090 $\pm$ 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: 2988.765+/-0.950 χ^2/NDF : 24326.7/6

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

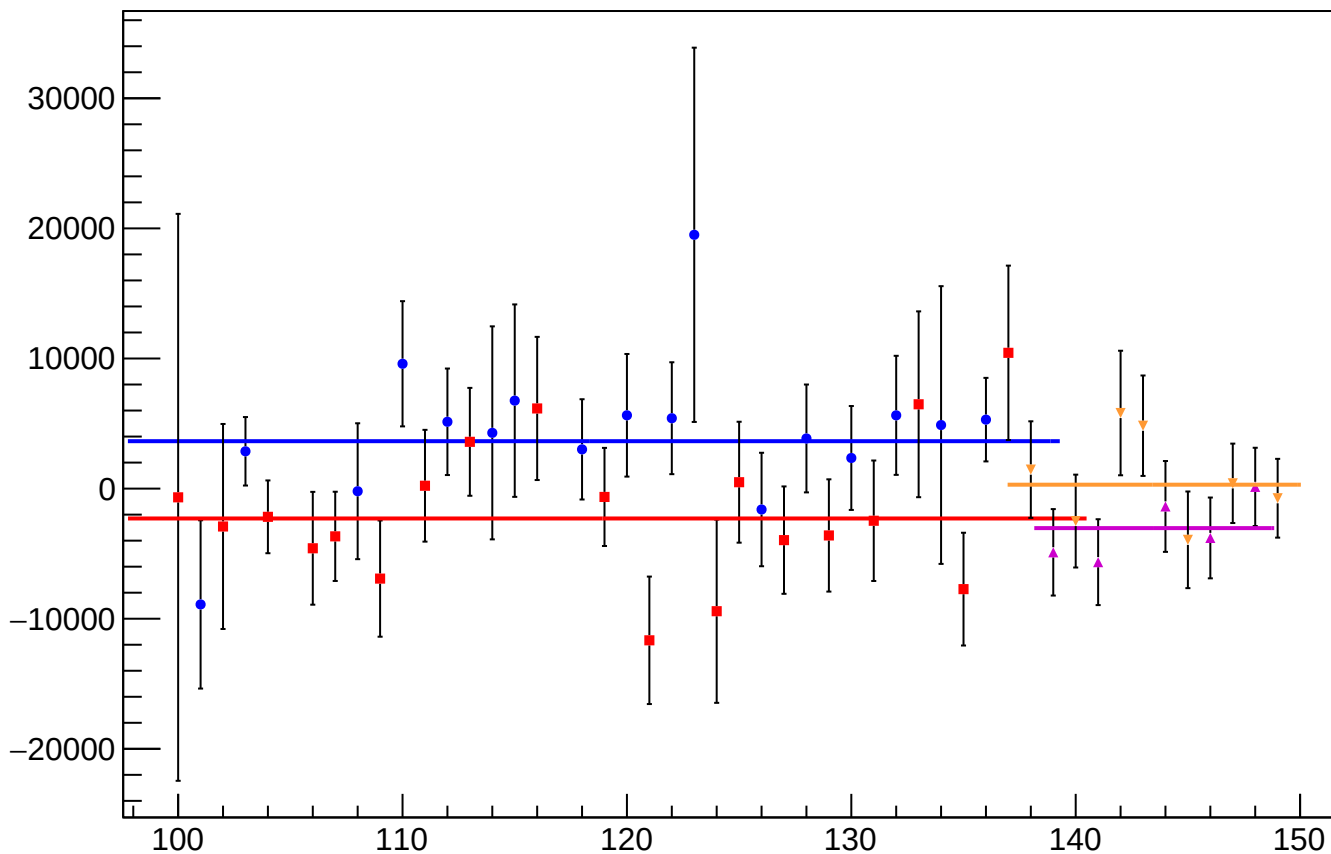
Left In: 2981.999+/-1.041 χ^2/NDF : 17153.0/4

+ sign 2953.077+/-0.620 χ^2/NDF : 689580.6/23

All: 2941.790+/-0.441 χ^2/NDF : 881146.6/47

- 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: 301.220 $\pm$ 1347.291 χ^2 /NDF:4.8/6

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

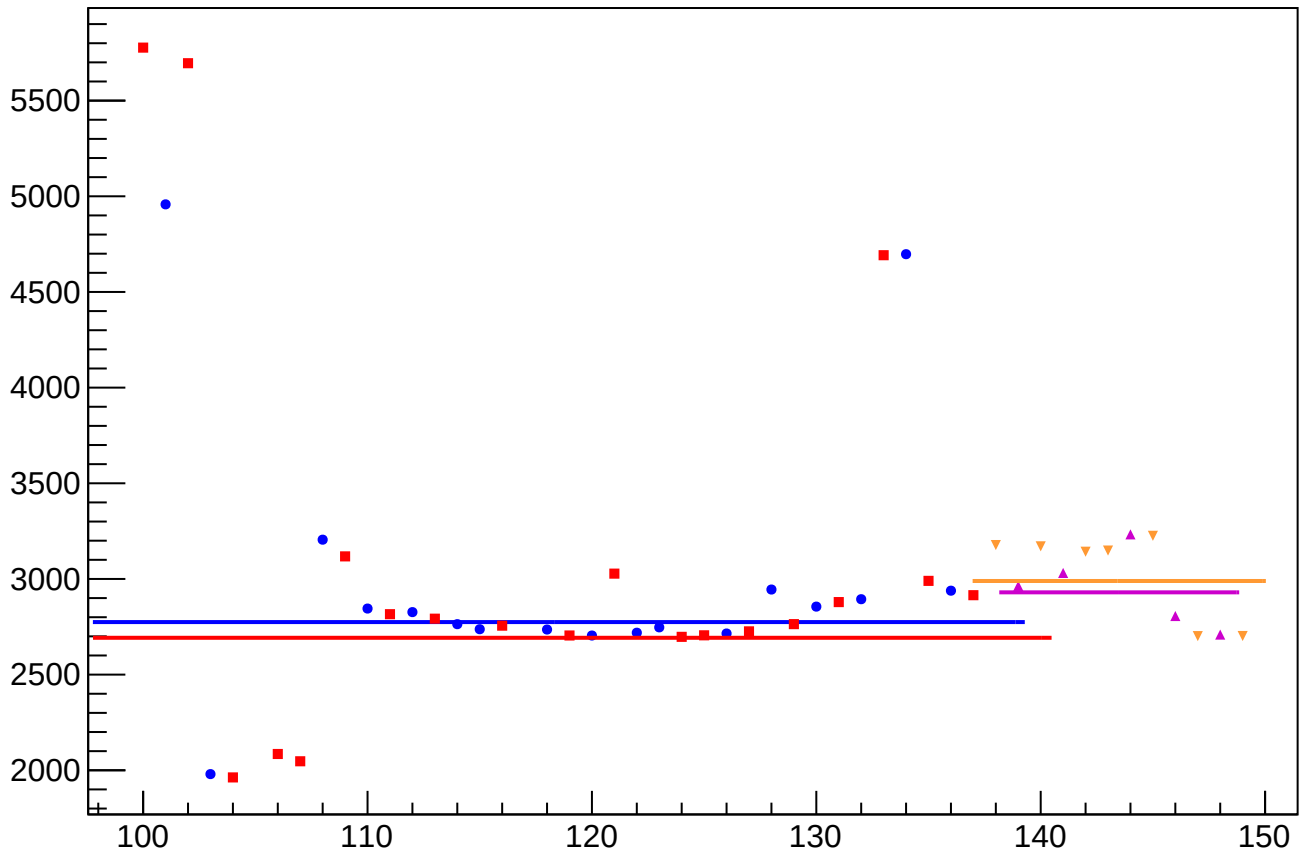
Left In: -3036.534 $\pm$ 1445.283 χ^2 /NDF:2.3/4

+ sign 2320.186 $\pm$ 848.099 χ^2 /NDF: 18.4/23

All: -116.067 $\pm$ 599.598 χ^2 /NDF: 55.8/47

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

dit_asym_atr2_rms vs Slug



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

Left Out: 2989.374+/-0.953 χ^2/NDF : 59678.7/6

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

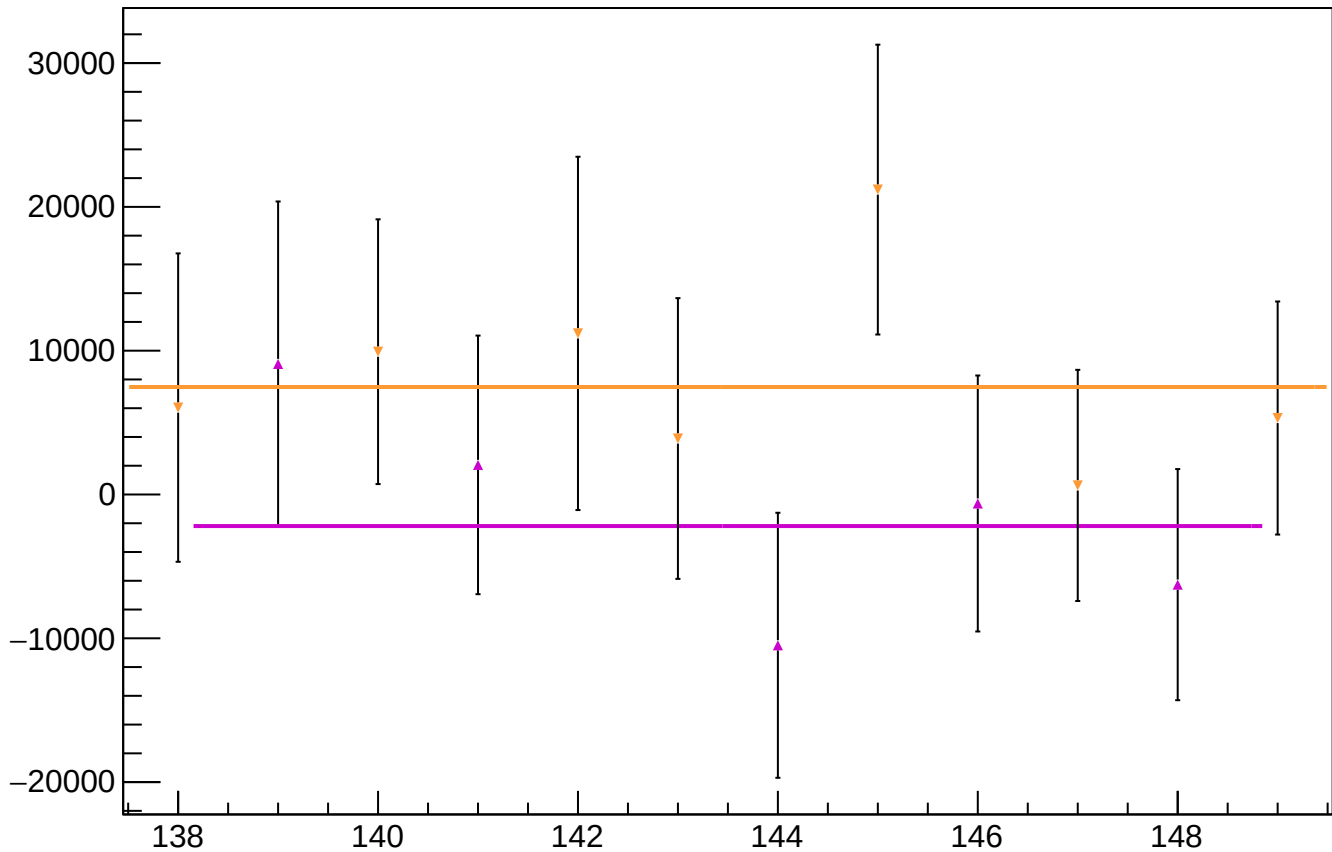
Left In: 2929.997+/-1.022 χ^2/NDF : 31115.6/4

+ sign 2859.715+/-0.600 χ^2/NDF : 592039.2/23

All: 2816.933+/-0.424 χ^2/NDF : 1449021.8/47

- sign 2774.197+/-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: 7474.592+/-3576.574 χ^2/NDF : 3.0/6

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

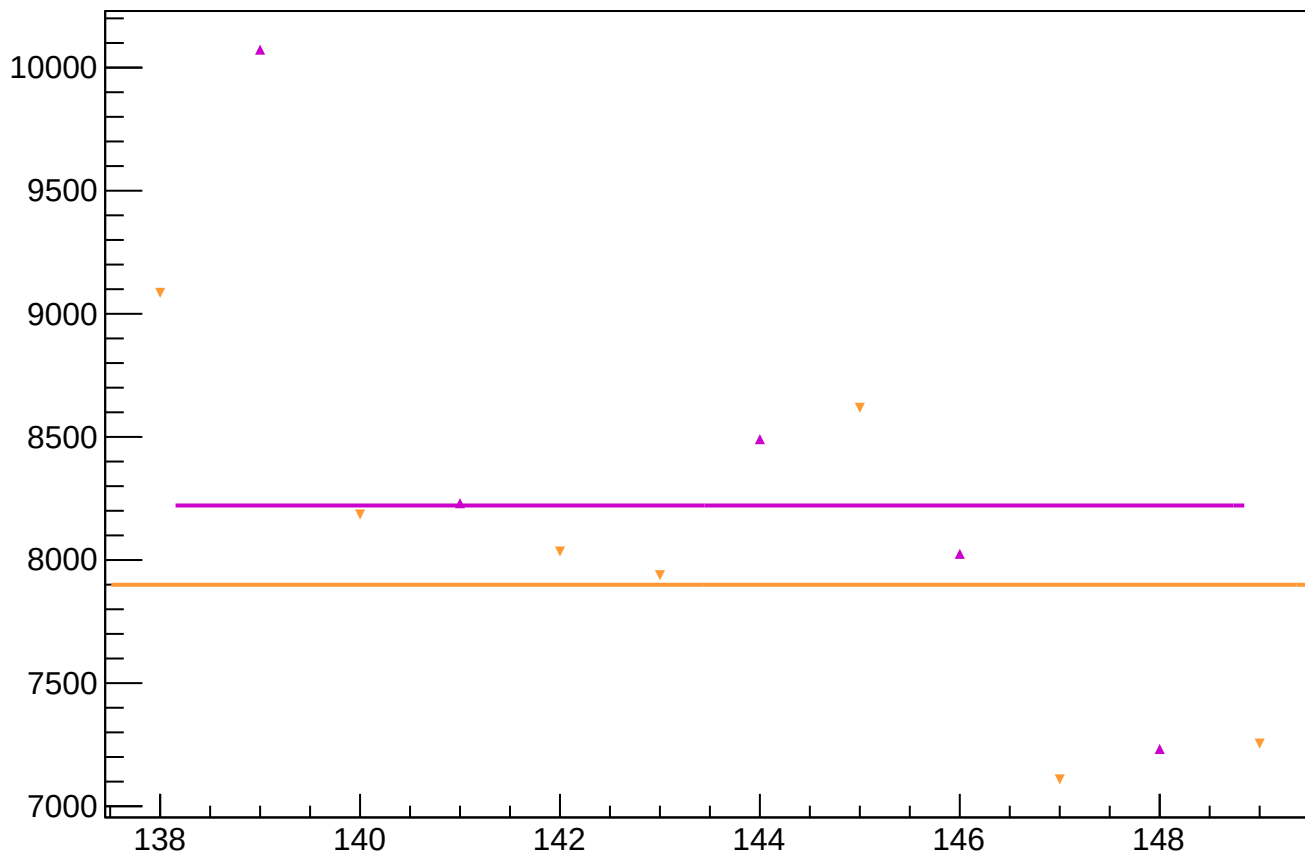
Left In: -2195.429+/-4079.546 χ^2/NDF : 2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3272.127+/-2689.368 χ^2/NDF : 8.5/11

- 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: 7899.531+/-2.529 χ^2/NDF : 68838.6/6

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

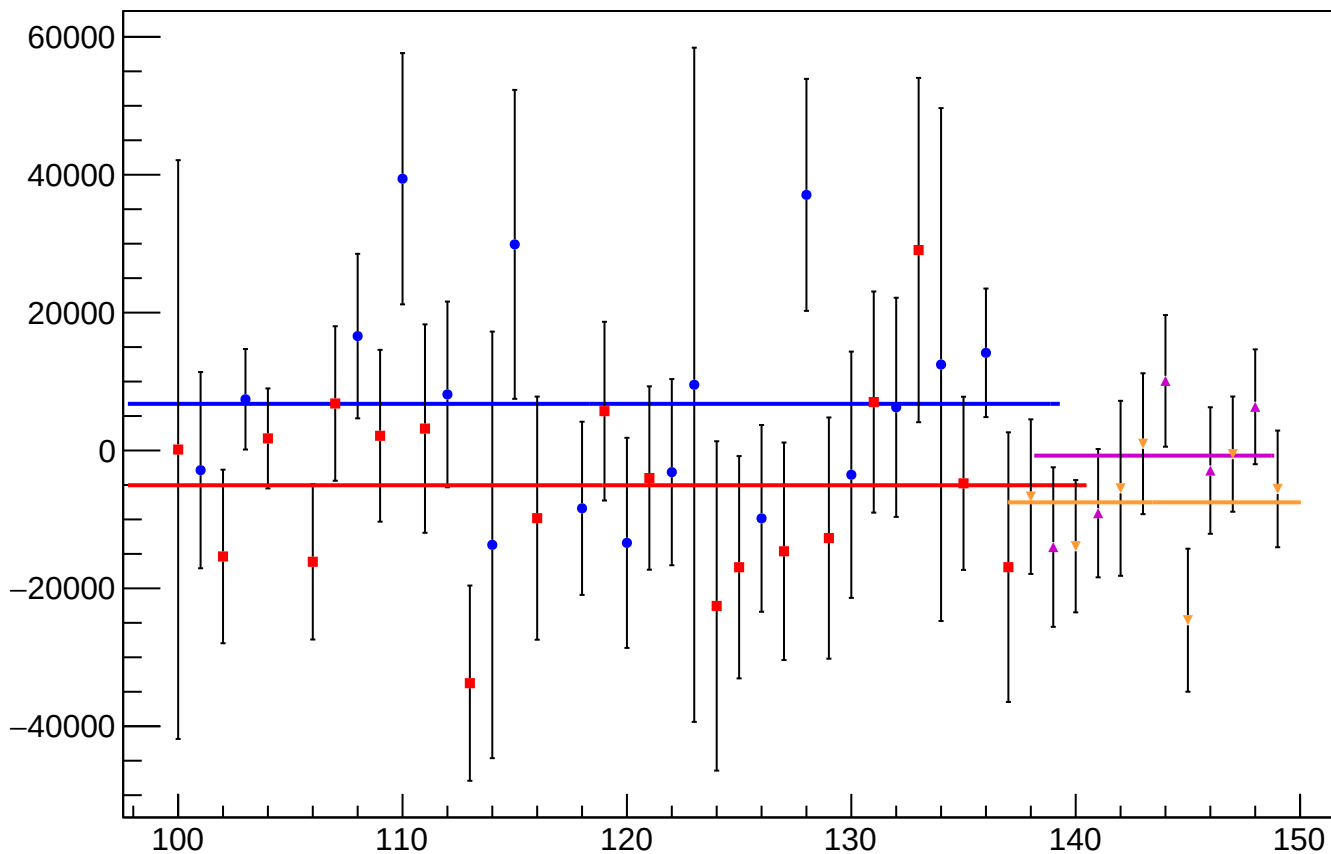
Left In: 8221.516+/-2.885 χ^2/NDF : 86662.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8039.461+/-1.902 χ^2/NDF : 162545.3/11

- 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: -7521.467 $\pm$ 3722.046 χ^2 /NDF: 4.6/6

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

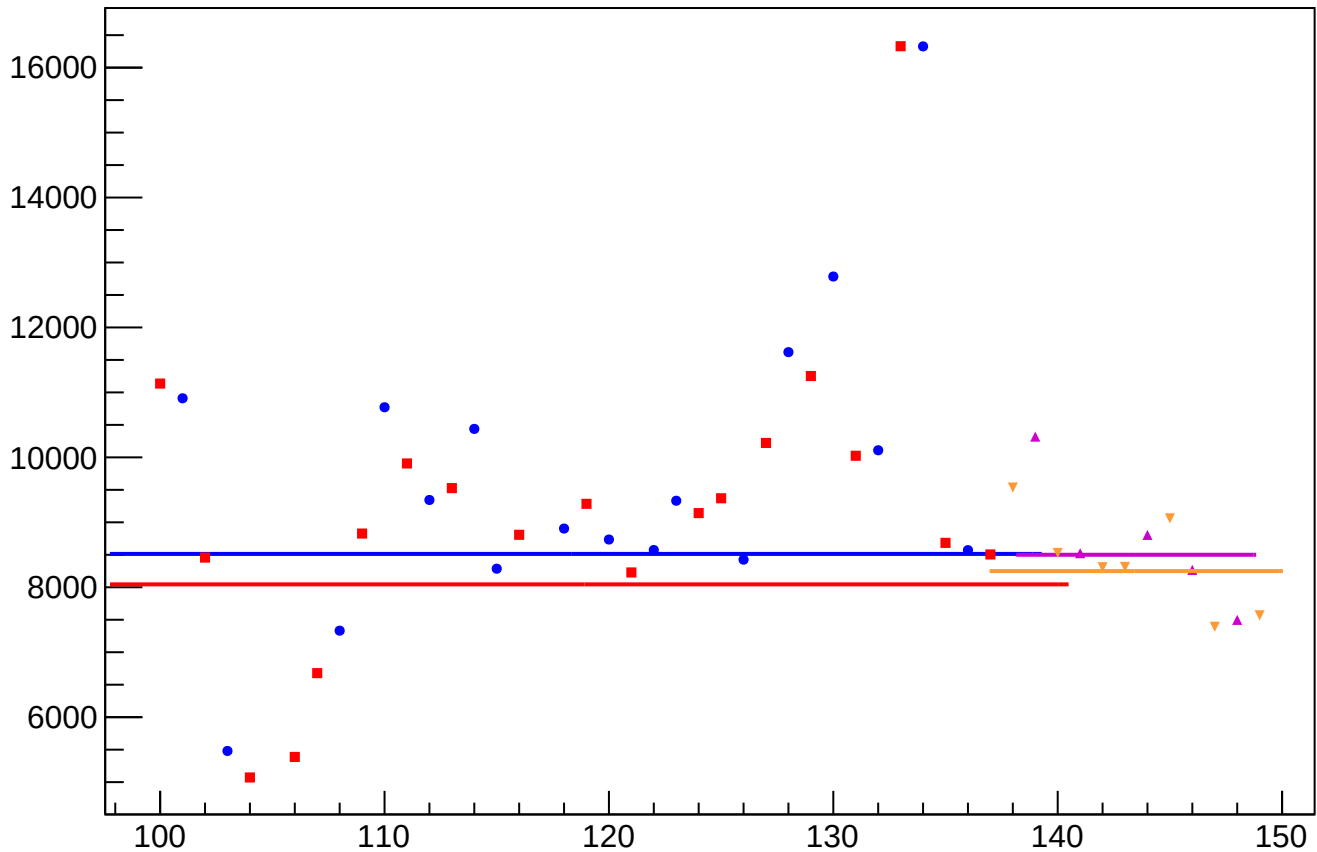
Left In: -746.100 $\pm$ 4215.923 χ^2 /NDF: 4.2/4

+ sign 294.611 $\pm$ 2505.120 χ^2 /NDF: 28.0/23

All: -1577.934 $\pm$ 1780.973 χ^2 /NDF: 47.6/47

- 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: 8249.272+/-2.632 χ^2/NDF : 74352.2/6

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

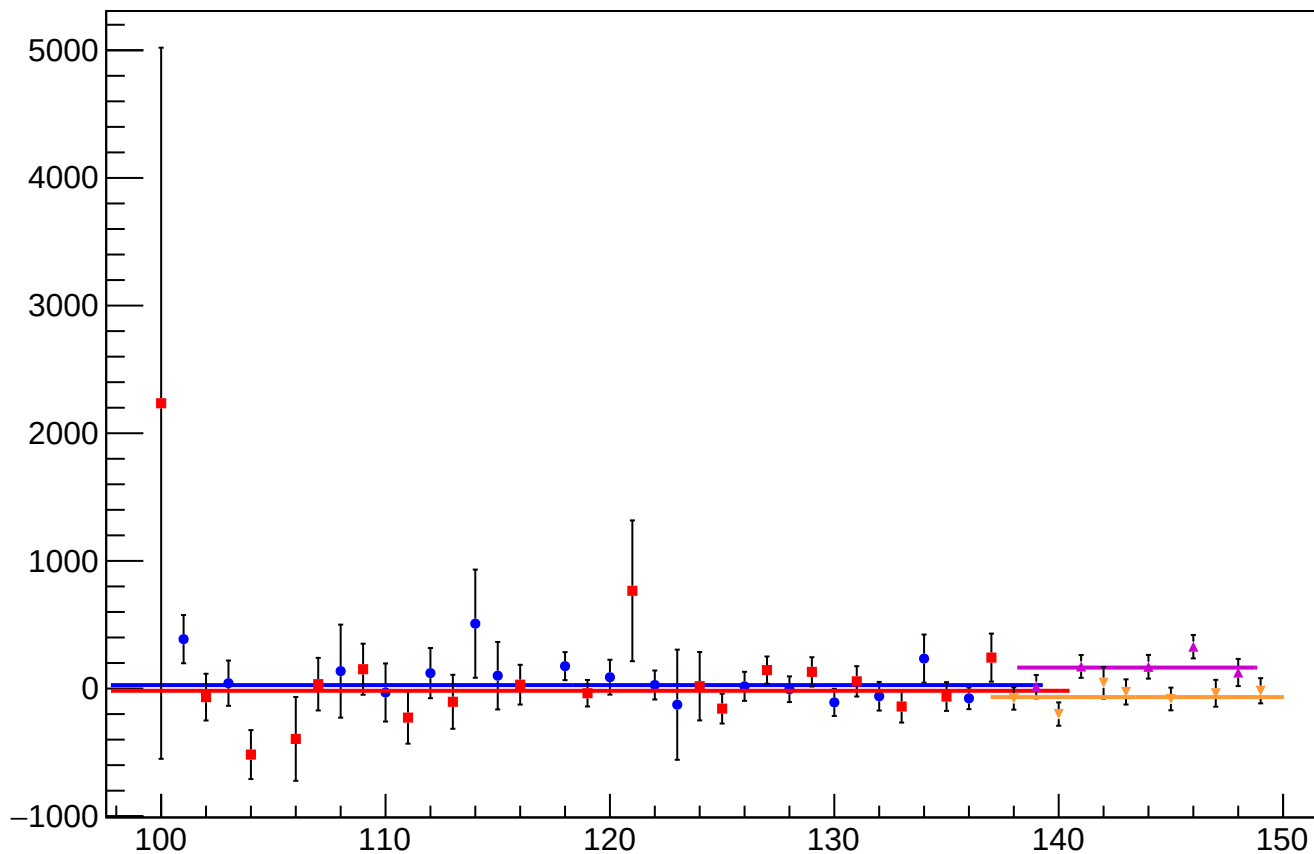
Left In: 8500.510+/-2.981 χ^2/NDF : 81735.3/4

+ sign 8393.896+/-1.771 χ^2/NDF : 842486.9/23

All: 8302.541+/-1.259 χ^2/NDF : 1896851.1/47

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

dit_asym_sam1_mean vs Slug



Right In: 26.932 ± 34.029 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -66.726 ± 36.816 $\chi^2/\text{NDF}: 3.5/6$

Right Out: -17.368 ± 35.548 $\chi^2/\text{NDF}: 21.9/18$

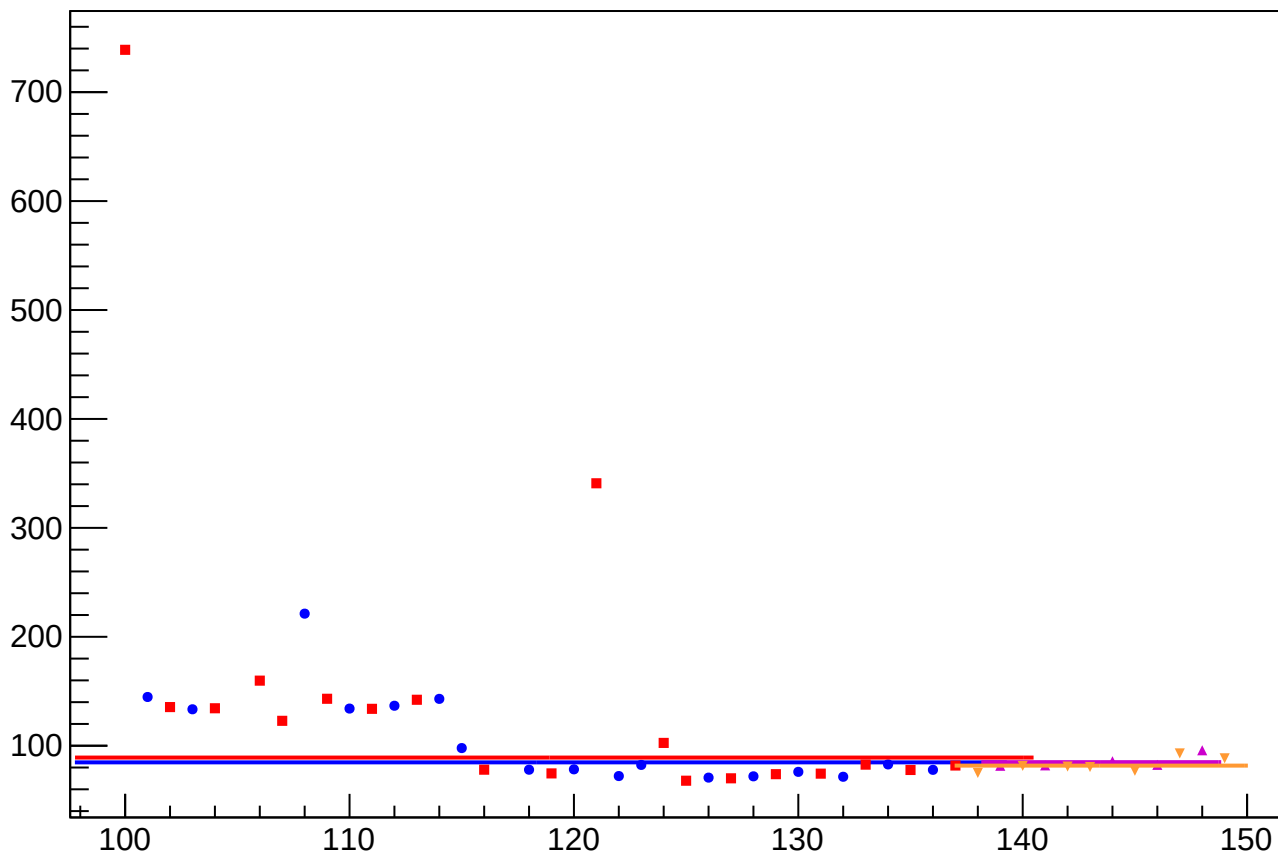
Left In: 164.278 ± 41.973 $\chi^2/\text{NDF}: 6.0/4$

+ sign -16.218 ± 24.989 $\chi^2/\text{NDF}: 19.6/23$

All: 18.083 ± 18.379 $\chi^2/\text{NDF}: 62.5/47$

- sign 58.502 ± 27.126 $\chi^2/\text{NDF}: 38.8/23$

dit_asym_sam1_rms vs Slug



Right In: 84.737+/-0.024 χ^2/NDF : 1064420.0/16

Left Out: 81.754+/-0.026 χ^2/NDF : 49862.3/6

Right Out: 89.143+/-0.025 χ^2/NDF : 1559269.8/18

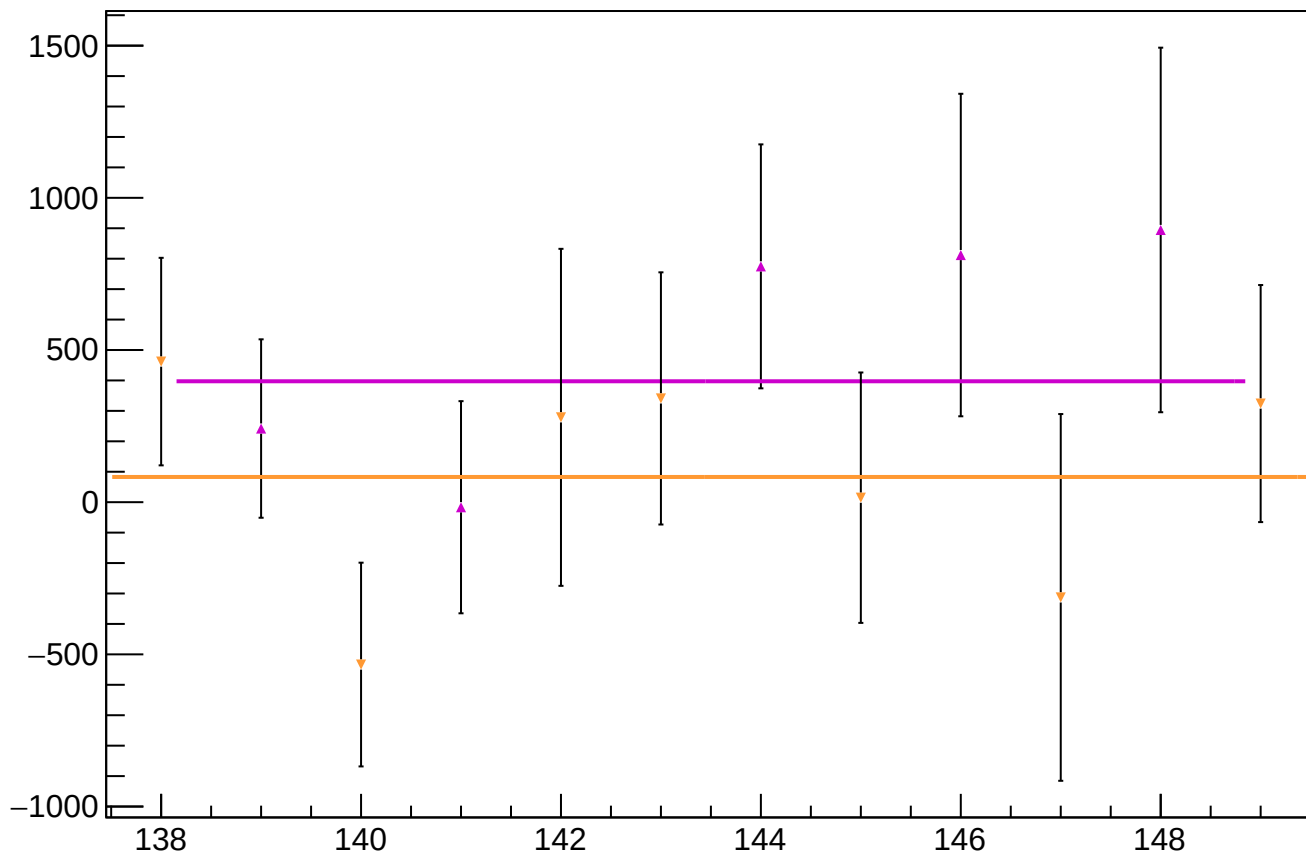
Left In: 84.932+/-0.030 χ^2/NDF : 27424.1/4

+ sign 83.363+/-0.018 χ^2/NDF : 1121365.4/23

All: 85.209+/-0.013 χ^2/NDF : 2743562.3/47

- sign 87.384+/-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: 82.848+/-154.535 χ^2/NDF : 6.0/6

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

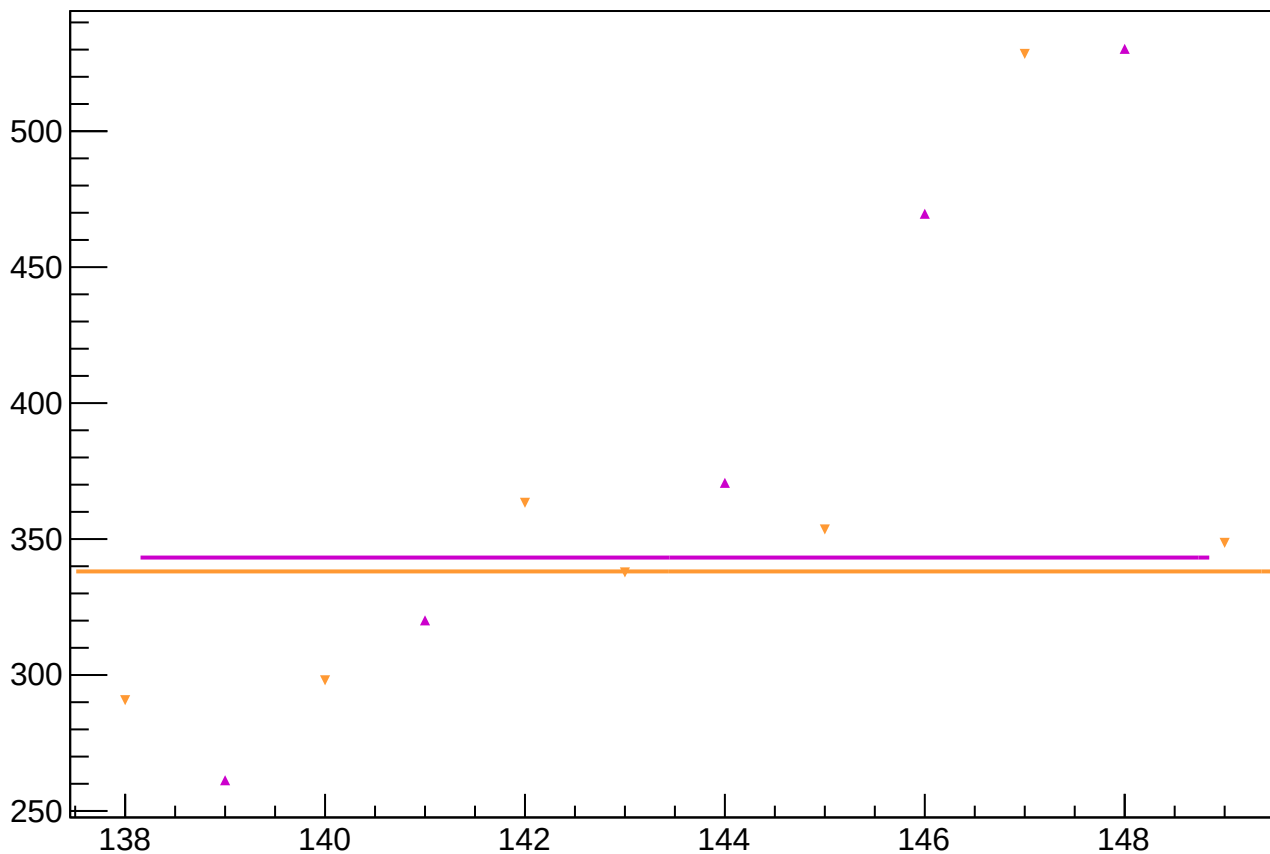
Left In: 397.256+/-175.553 χ^2/NDF : 3.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.113+/-115.995 χ^2/NDF : 11.7/11

- 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: 338.095+/-0.109 χ^2/NDF : 275206.0/6

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

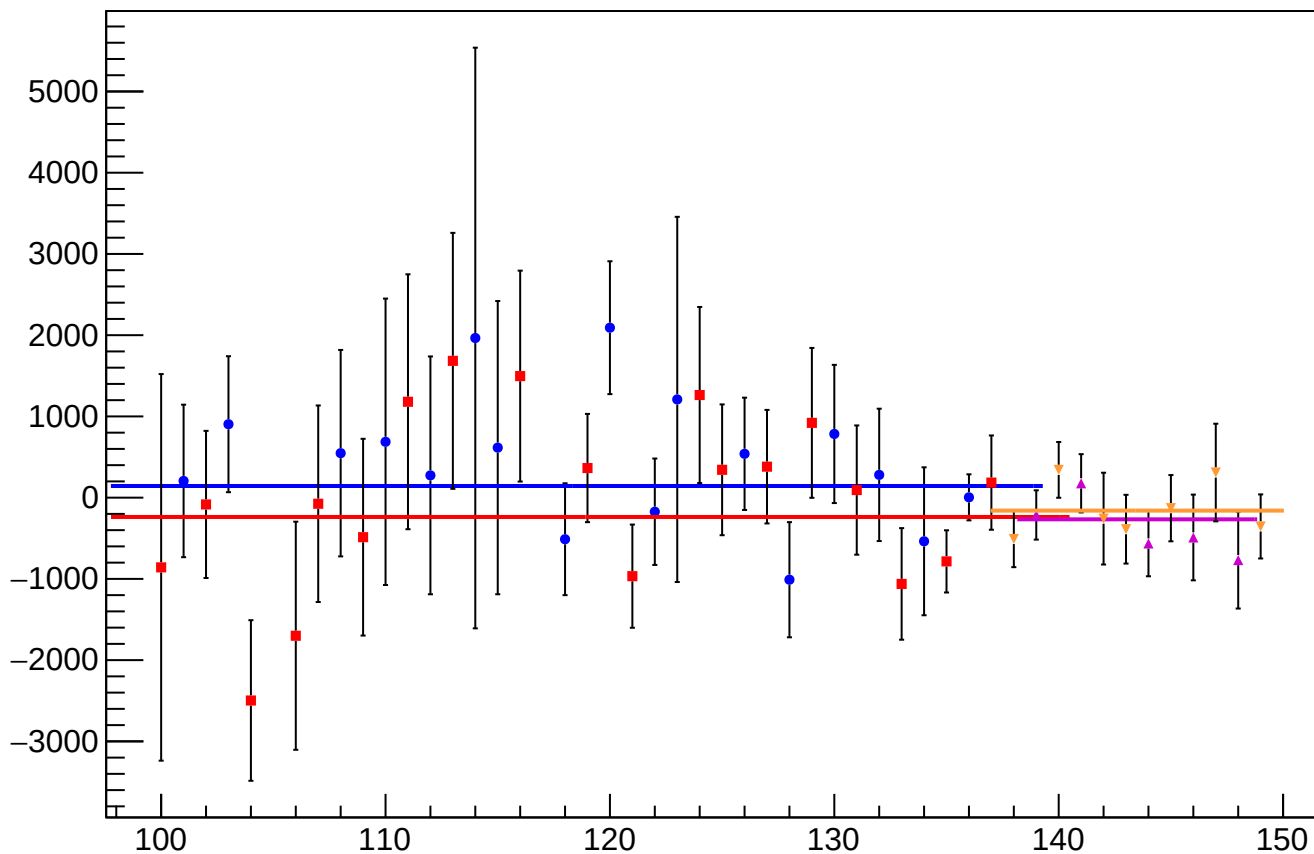
Left In: 343.195+/-0.124 χ^2/NDF : 483372.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.322+/-0.082 χ^2/NDF : 759529.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 143.486 ± 179.237 $\chi^2/\text{NDF}: 12.8/16$

Left Out: -159.651 ± 156.714 $\chi^2/\text{NDF}: 4.3/6$

Right Out: -237.821 ± 183.995 $\chi^2/\text{NDF}: 21.7/18$

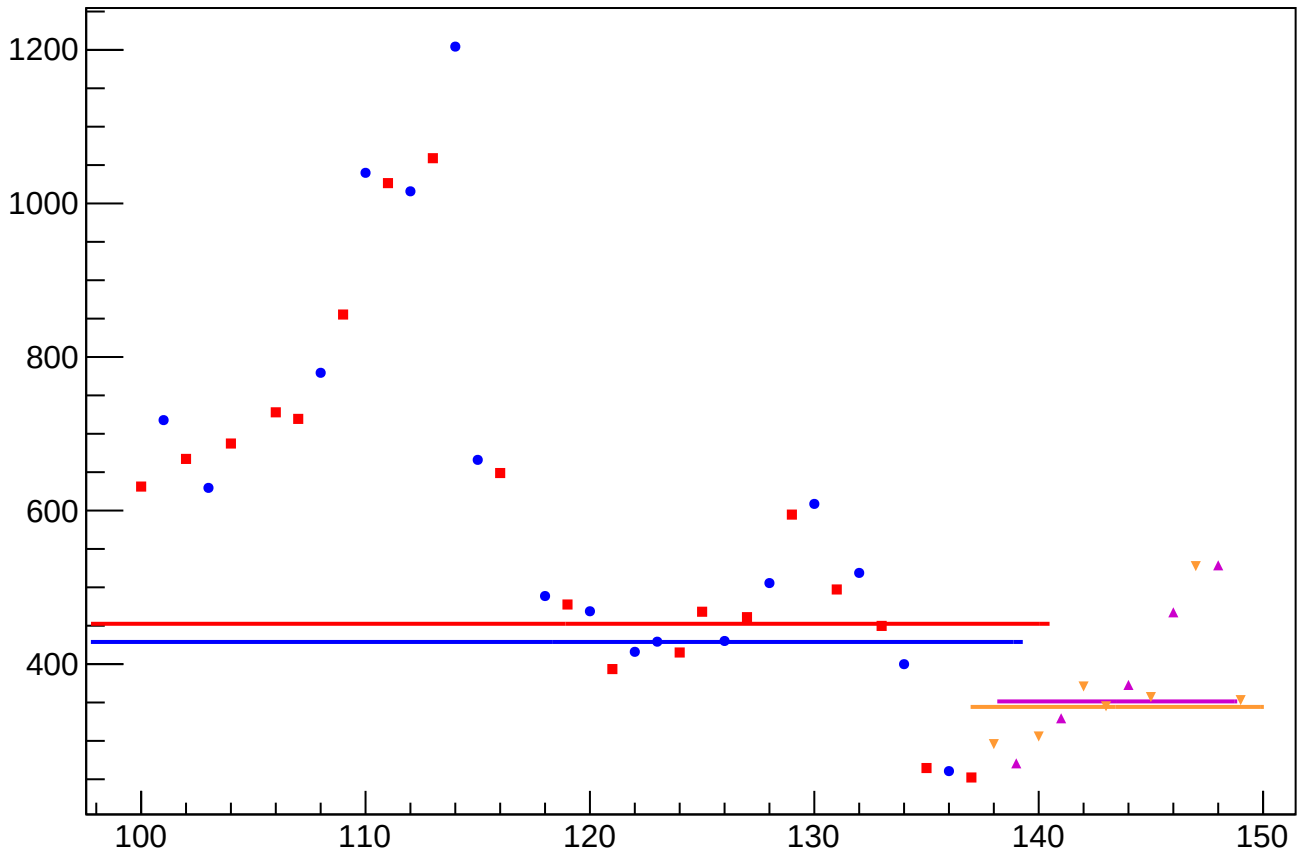
Left In: -266.846 ± 179.134 $\chi^2/\text{NDF}: 3.0/4$

+ sign -28.315 ± 117.978 $\chi^2/\text{NDF}: 18.7/23$

All: -131.085 ± 86.859 $\chi^2/\text{NDF}: 45.1/47$

- sign -252.722 ± 128.351 $\chi^2/\text{NDF}: 24.7/23$

asym_sam1_rms vs Slug



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

Left Out: 344.238 $\pm$ 0.111 χ^2 /NDF:257792.8/6

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

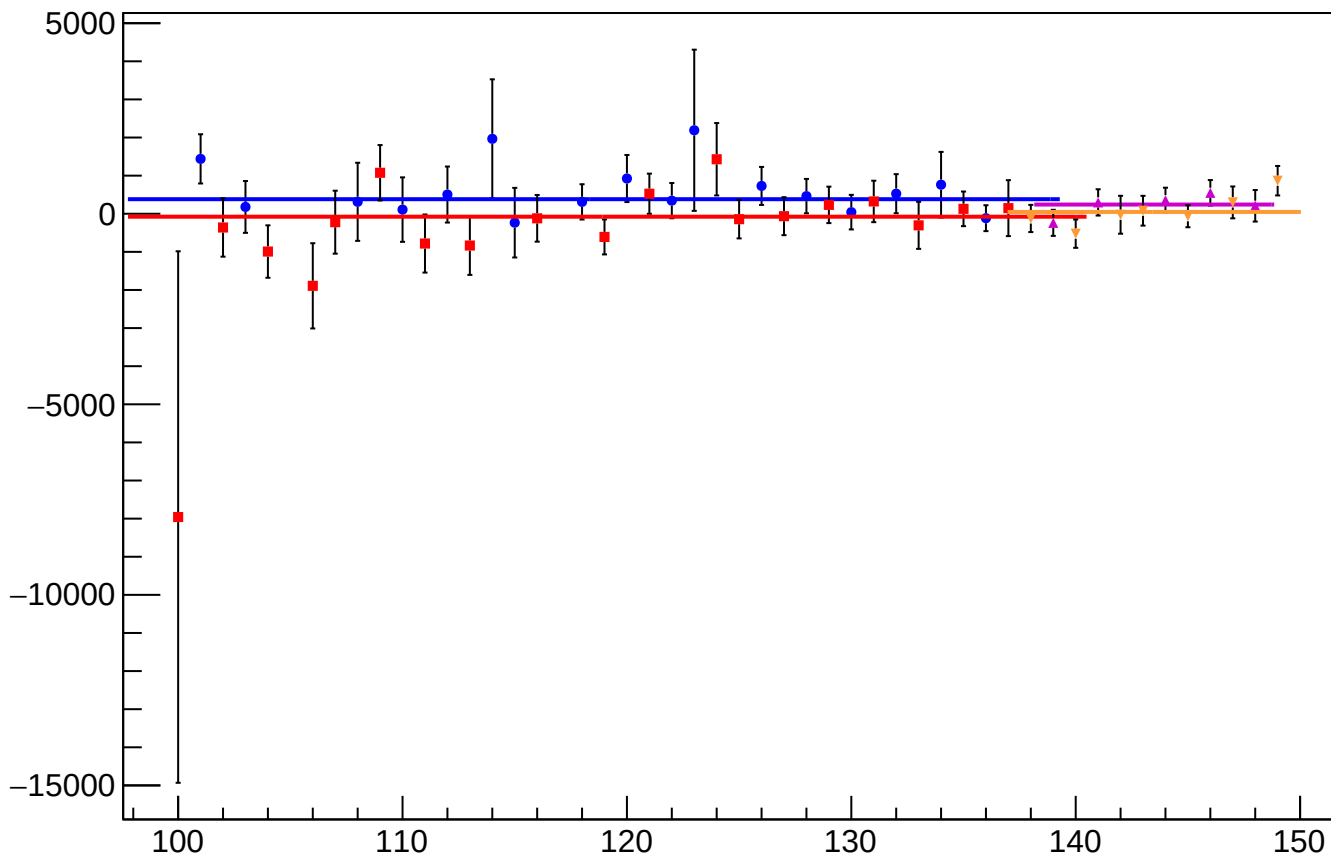
Left In: 351.400 $\pm$ 0.127 χ^2 /NDF:427650.9/4

+ sign 380.899 $\pm$ 0.083 χ^2 /NDF: 2522753.1/23

All: 389.924 $\pm$ 0.061 χ^2 /NDF: 5325304.1/47

- 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: 47.748 $\pm$ 141.411 χ^2 /NDF: 7.6/6

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

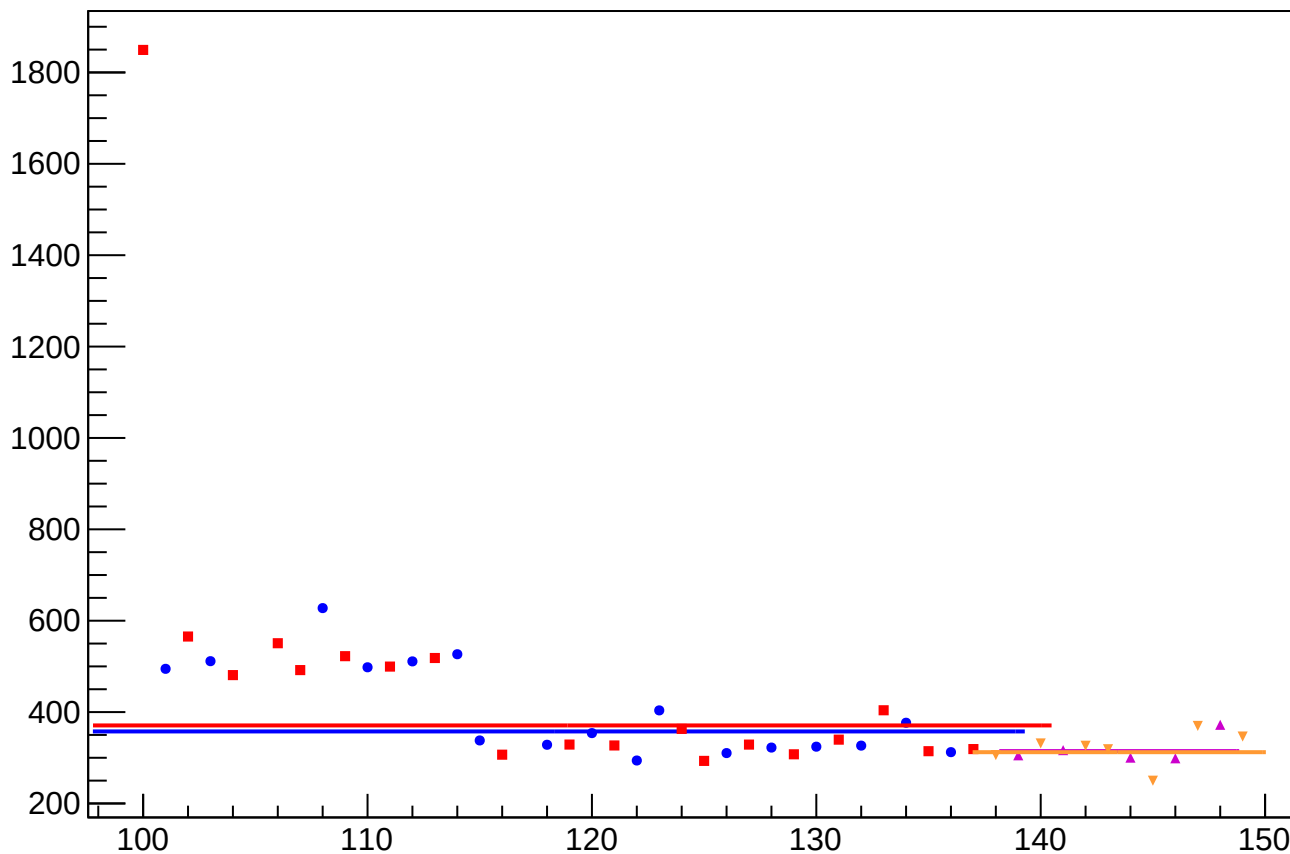
Left In: 241.377 $\pm$ 156.069 χ^2 /NDF: 3.0/4

+ sign 215.079 $\pm$ 99.915 χ^2 /NDF: 19.8/23

All: 145.882 $\pm$ 72.584 χ^2 /NDF: 42.8/47

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

dit_asym_sam2_rms vs Slug



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

Left Out: 312.246 $\pm$ 0.100 χ^2 /NDF: 154532.6/6

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

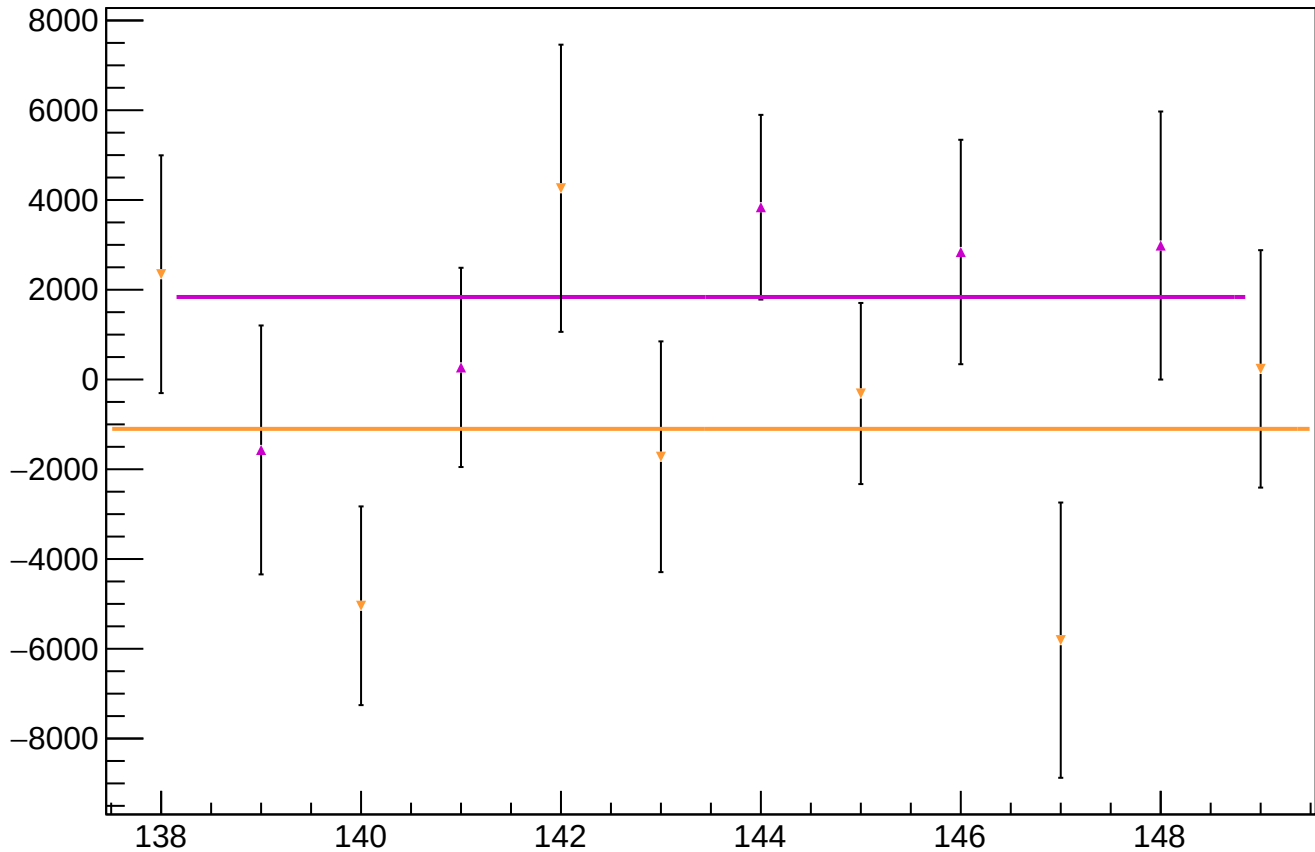
Left In: 314.647 $\pm$ 0.110 χ^2 /NDF: 48518.5/4

+ sign 334.990 $\pm$ 0.071 χ^2 /NDF: 887518.7/23

All: 339.754 $\pm$ 0.051 χ^2 /NDF: 1870745.8/47

- sign 345.078 $\pm$ 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: -1099.684+/-957.665 χ^2/NDF :10.5/6

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

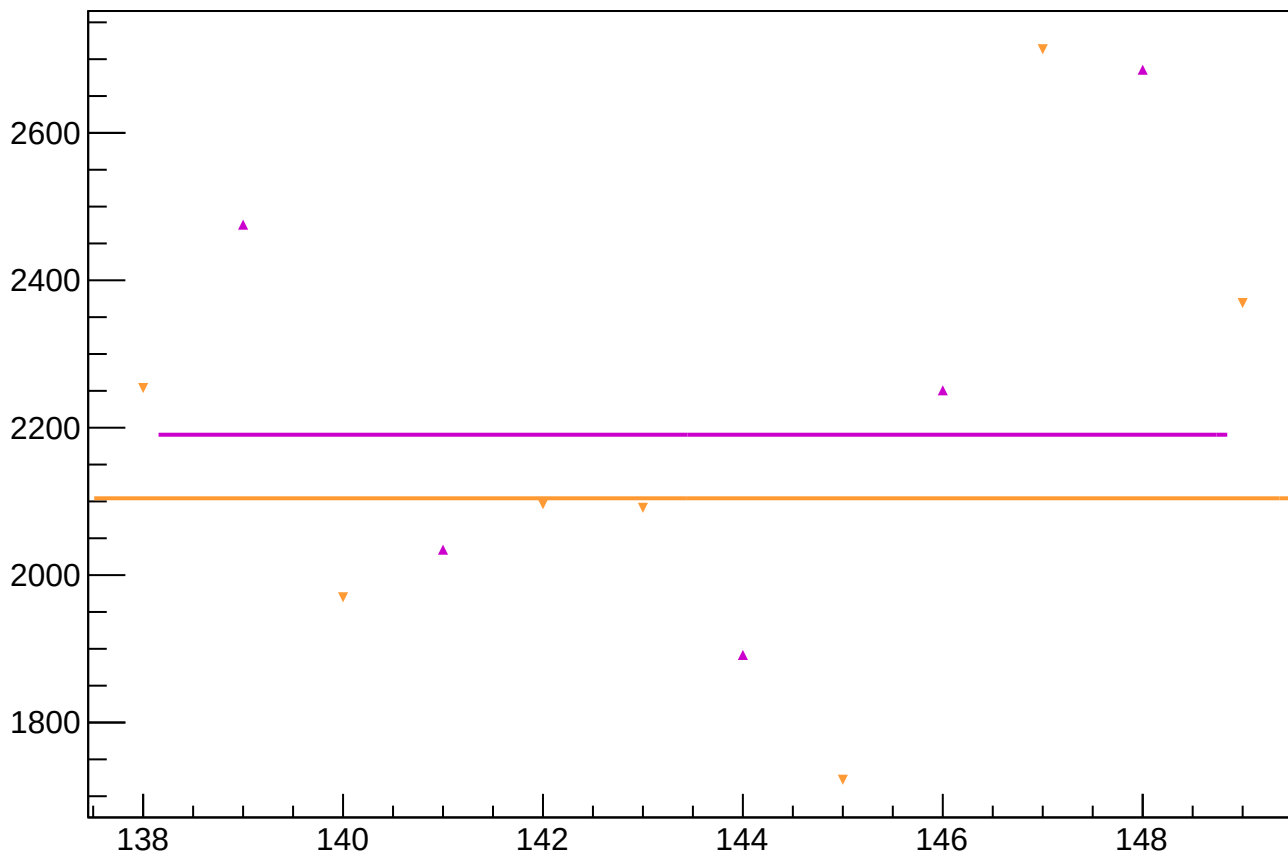
Left In: 1838.767+/-1090.229 χ^2/NDF :3.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.124+/-719.500 χ^2/NDF : 17.9/11

- 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: 2104.232+/-0.677 χ^2/NDF : 184425.9/6

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

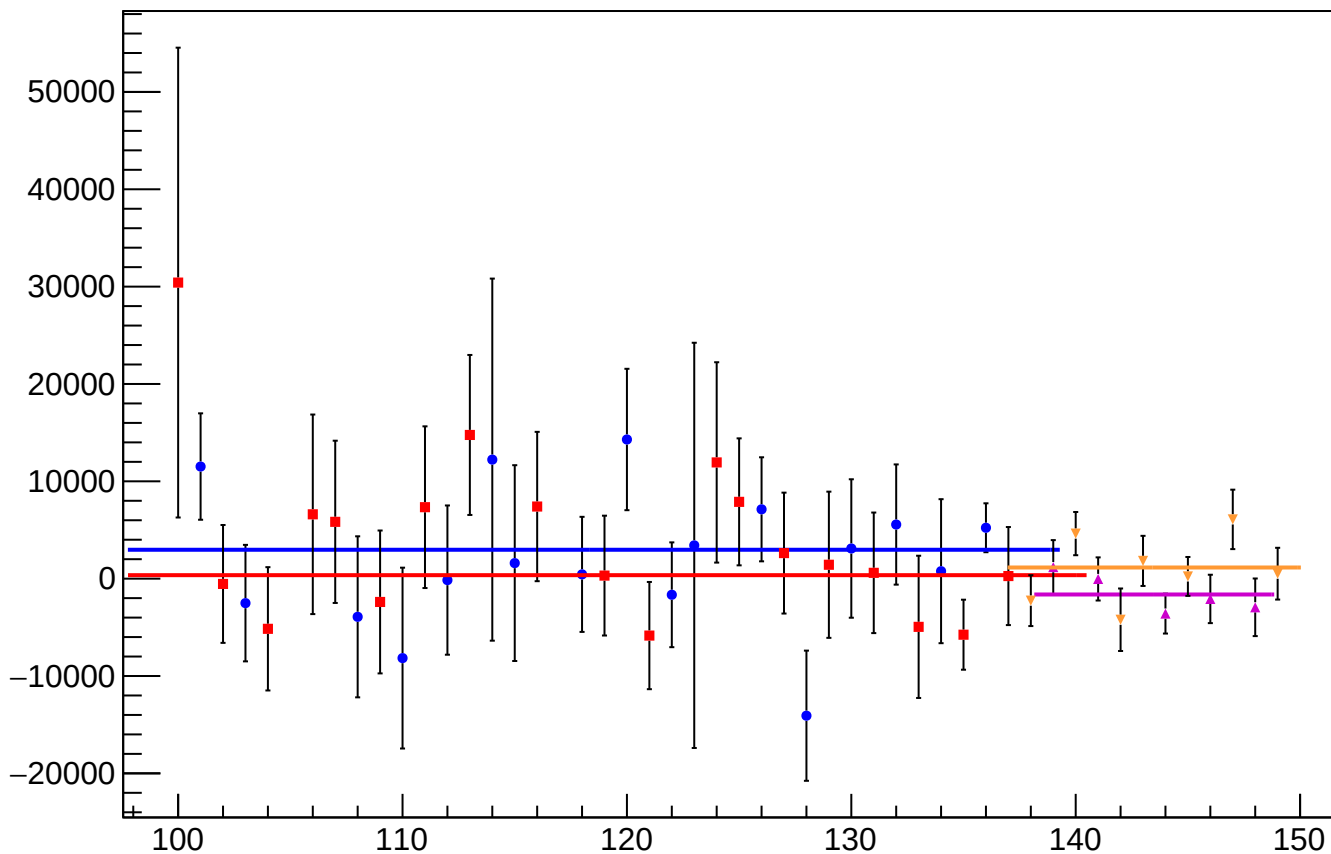
Left In: 2190.480+/-0.771 χ^2/NDF : 129340.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.796+/-0.509 χ^2/NDF : 320831.1/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 1146.552 ± 955.053 χ^2/NDF : 9.9/6

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

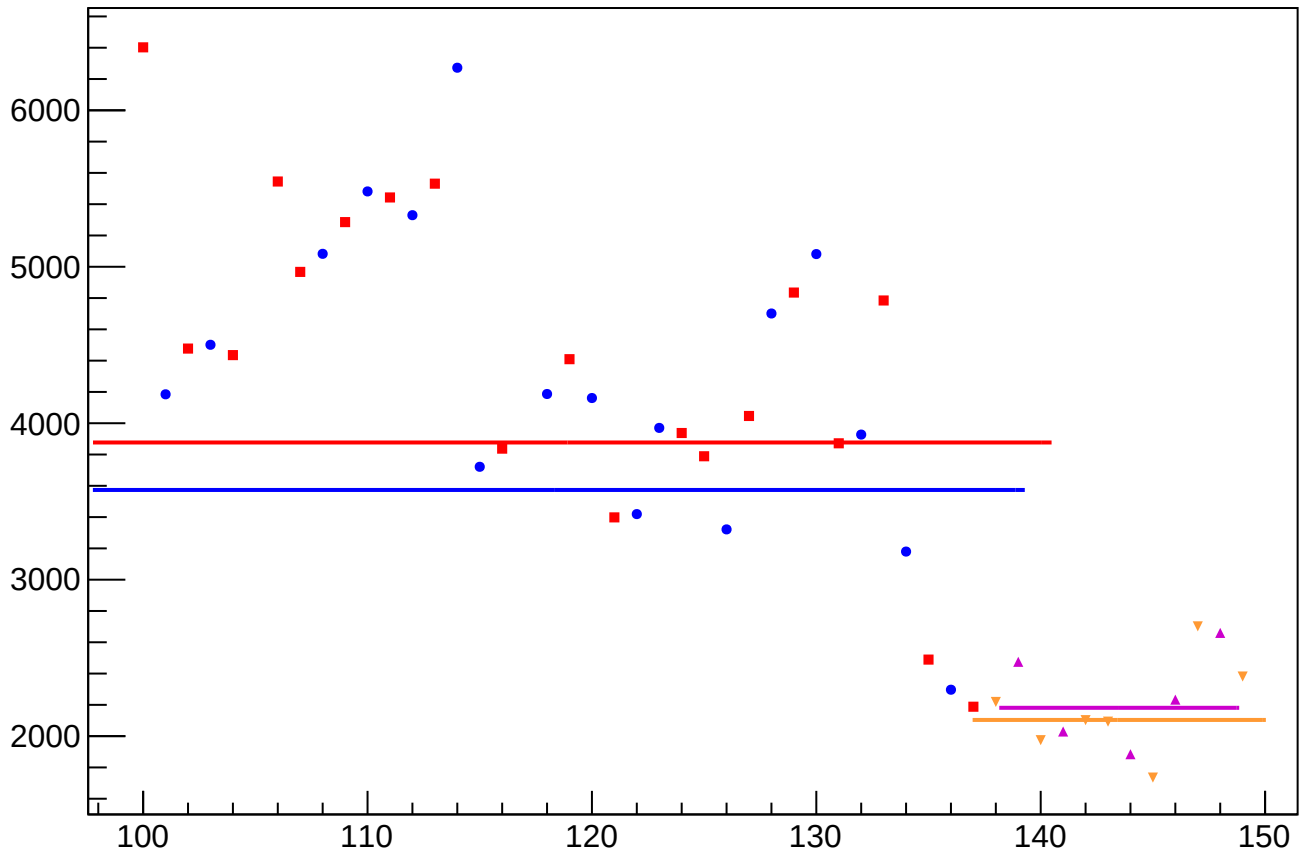
Left In: -1625.818 ± 1086.089 χ^2/NDF : 2.7/4

+ sign 1703.078 ± 795.994 χ^2/NDF : 28.4/23

All: 511.998 ± 590.662 χ^2/NDF : 52.6/47

- sign -947.460 ± 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: 2103.572+/-0.675 χ^2/NDF : 177156.0/6

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

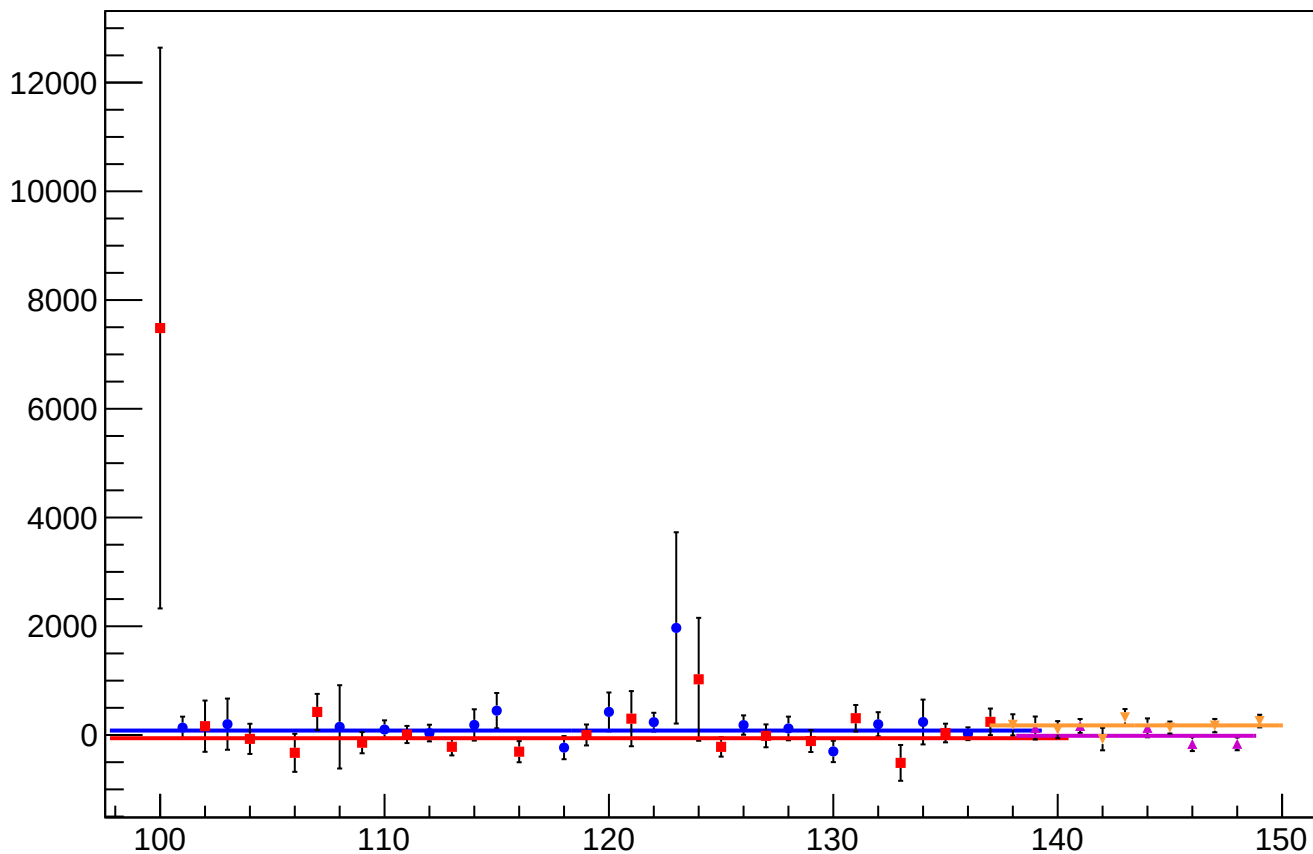
Left In: 2181.155+/-0.768 χ^2/NDF : 126921.7/4

+ sign 2552.407+/-0.563 χ^2/NDF : 2712491.5/23

All: 2646.059+/-0.418 χ^2/NDF : 5556041.1/47

- 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: 176.598+/-53.030 χ^2/NDF : 3.3/6

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

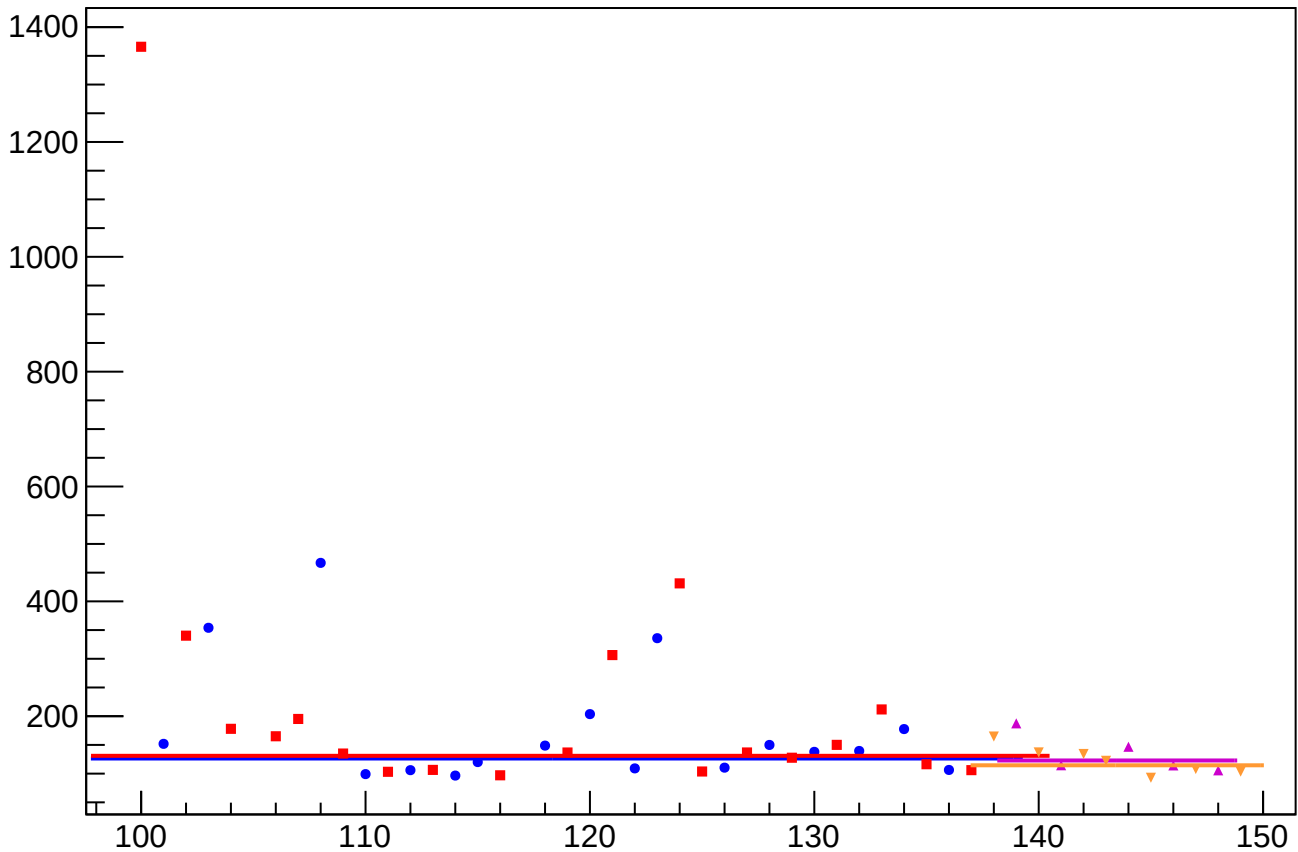
Left In: -14.804+/-63.608 χ^2/NDF : 6.1/4

+ sign 128.211+/-37.095 χ^2/NDF : 16.4/23

All: 51.700+/-27.444 χ^2/NDF : 48.6/47

- 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: 114.504 $\pm$ 0.037 χ^2 /NDF: 297501.7/6

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

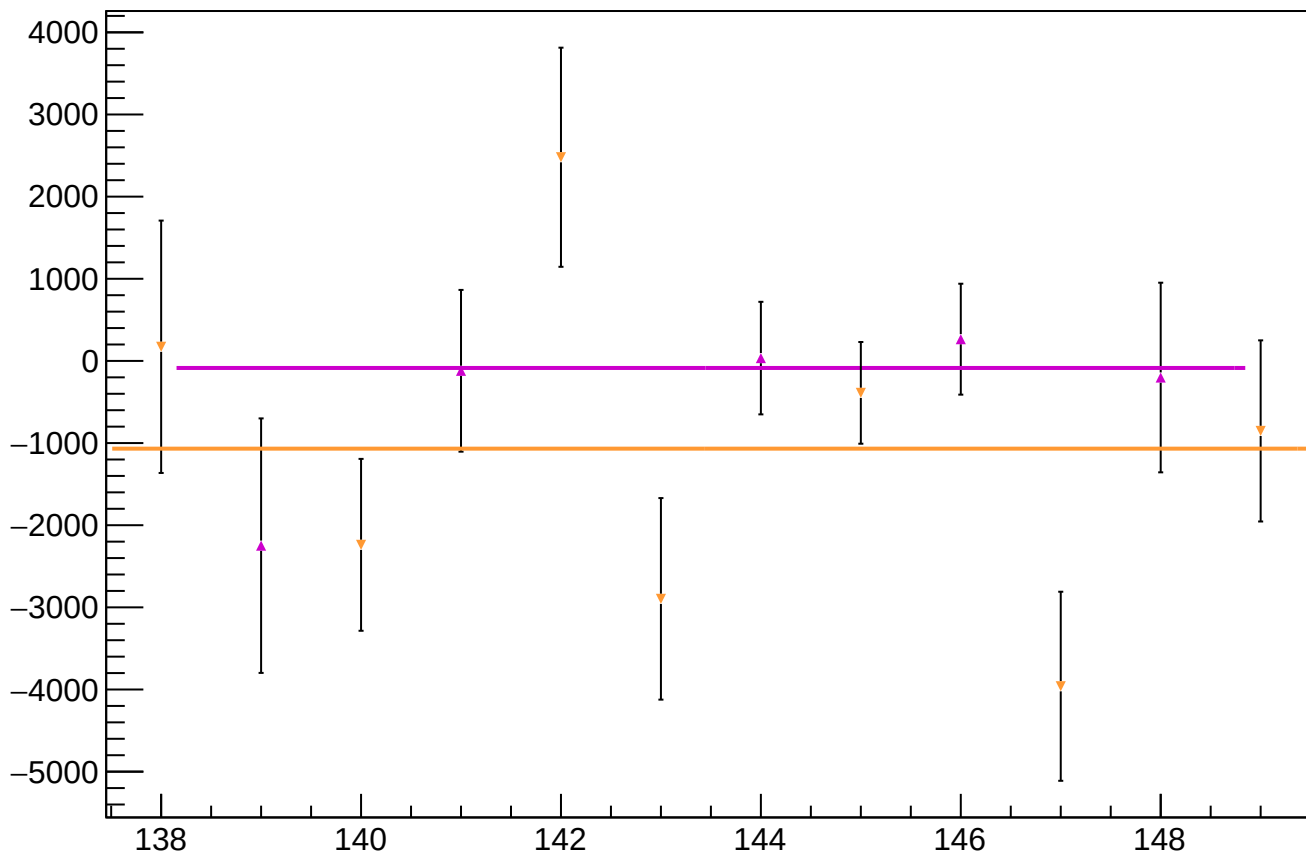
Left In: 122.904 $\pm$ 0.045 χ^2 /NDF: 284196.2/4

+ sign 120.548 $\pm$ 0.026 χ^2 /NDF: 1658964.4/23

All: 123.774 $\pm$ 0.019 χ^2 /NDF: 3424940.2/47

- 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: -1067.948+/-384.888 χ^2/NDF : 18.8/6

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

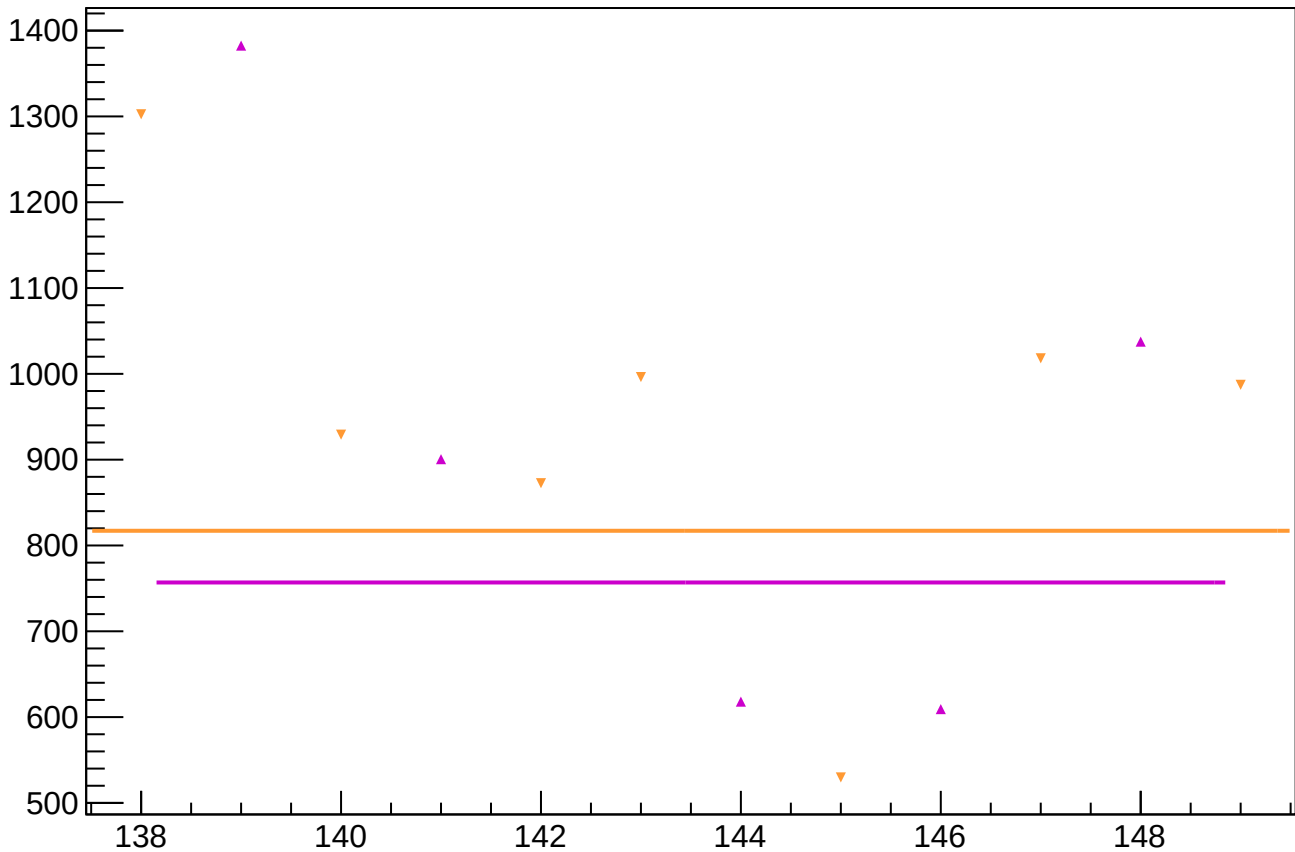
Left In: -85.719+/-391.536 χ^2/NDF : 2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.243+/-274.477 χ^2/NDF : 24.2/11

- 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: 817.134+/-0.272 χ^2/NDF : 808380.6/6

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

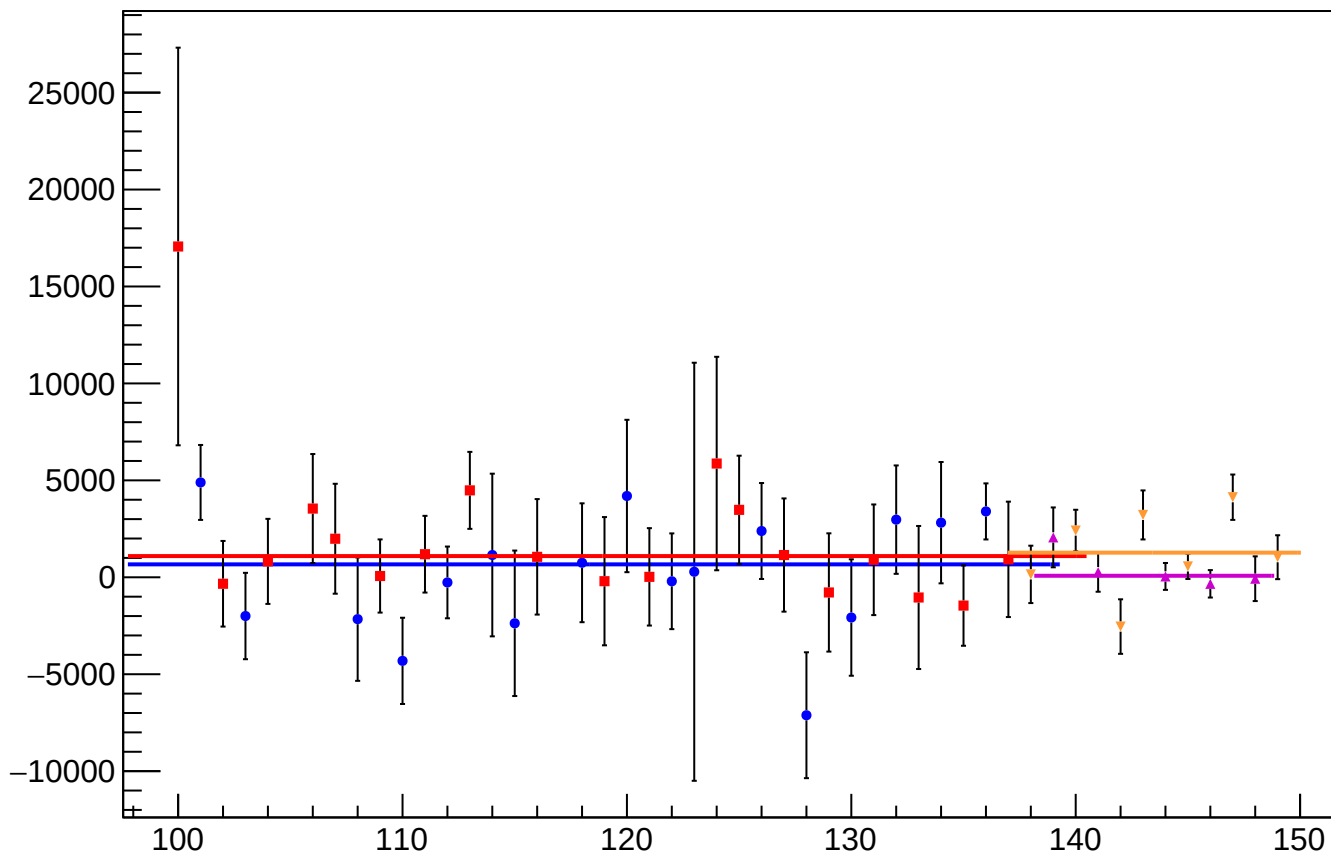
Left In: 756.881+/-0.277 χ^2/NDF : 664742.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.523+/-0.194 χ^2/NDF : 1497210.4/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



Right In: 666.453 ± 618.839 χ^2/NDF : 25.6/16

Left Out: 1270.881 ± 397.324 χ^2/NDF : 18.6/6

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

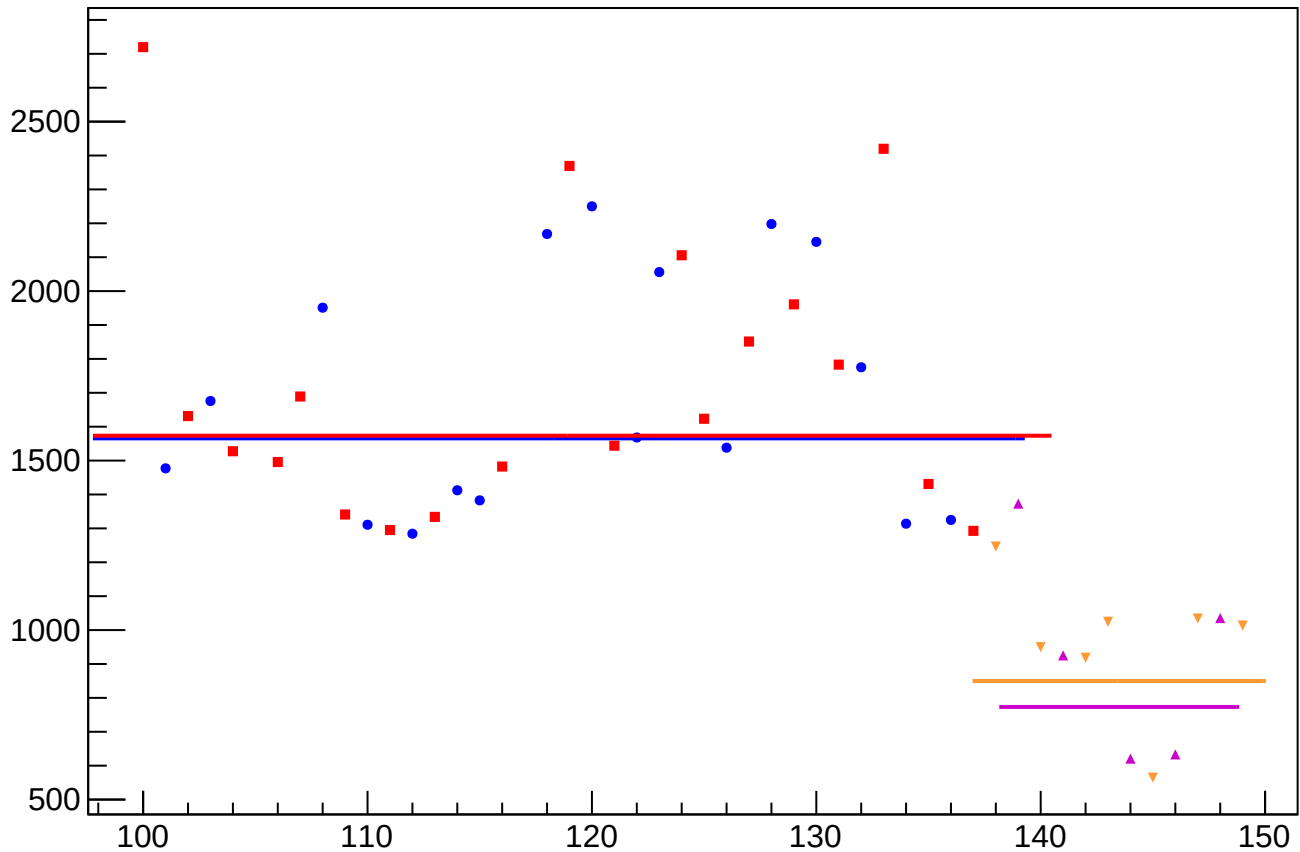
Left In: 78.757 ± 400.963 χ^2/NDF : 2.0/4

+ sign 1094.450 ± 334.344 χ^2/NDF : 45.0/23

All: 741.862 ± 236.233 χ^2/NDF : 62.2/47

- sign 390.368 ± 333.825 χ^2/NDF : 15.0/23

asym_sam3_rms vs Slug



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

Left Out: 849.743 $\pm$ 0.281 χ^2 /NDF: 680069.6/6

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

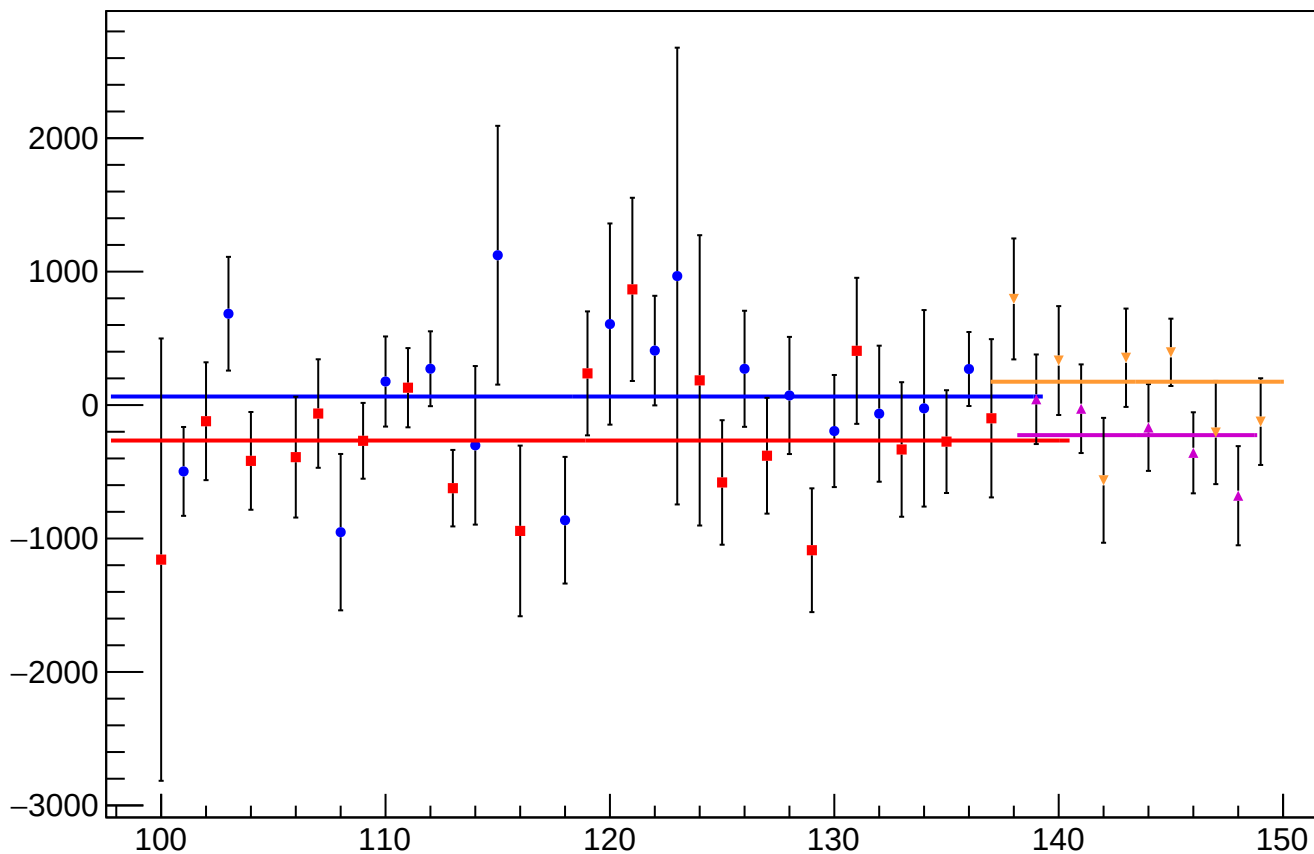
Left In: 773.284 $\pm$ 0.284 χ^2 /NDF: 625196.3/4

+ sign 1058.707 $\pm$ 0.236 χ^2 /NDF: 3066041.2/23

All: 1038.716 $\pm$ 0.167 χ^2 /NDF: 6611057.7/47

- sign 1018.787 $\pm$ 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: 175.014 ± 135.212 $\chi^2/\text{NDF}: 7.3/6$

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

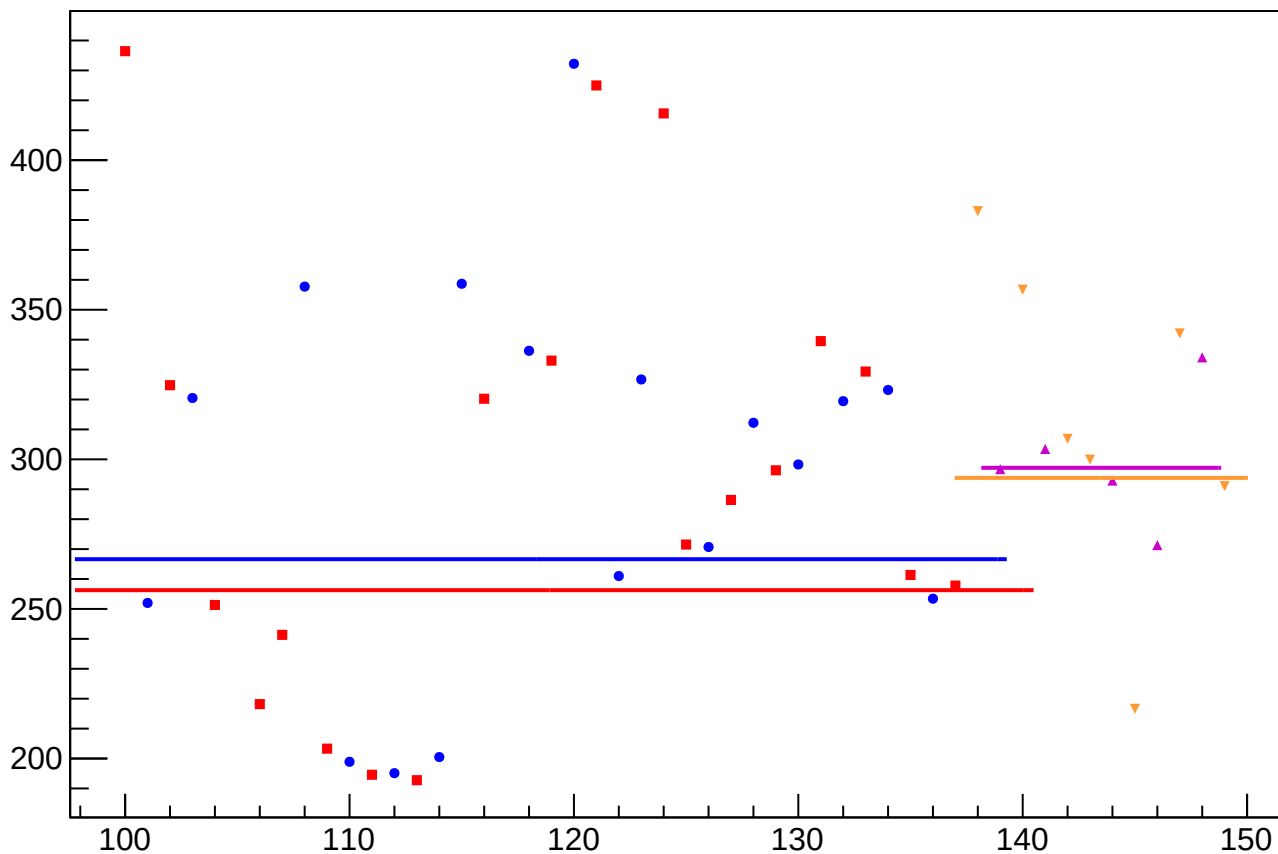
Left In: -225.307 ± 148.277 $\chi^2/\text{NDF}: 2.7/4$

+ sign 105.983 ± 83.096 $\chi^2/\text{NDF}: 24.5/23$

All: -74.763 ± 58.565 $\chi^2/\text{NDF}: 51.4/47$

- 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: 293.805 $\pm$ 0.096 χ^2 /NDF:345677.0/6

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

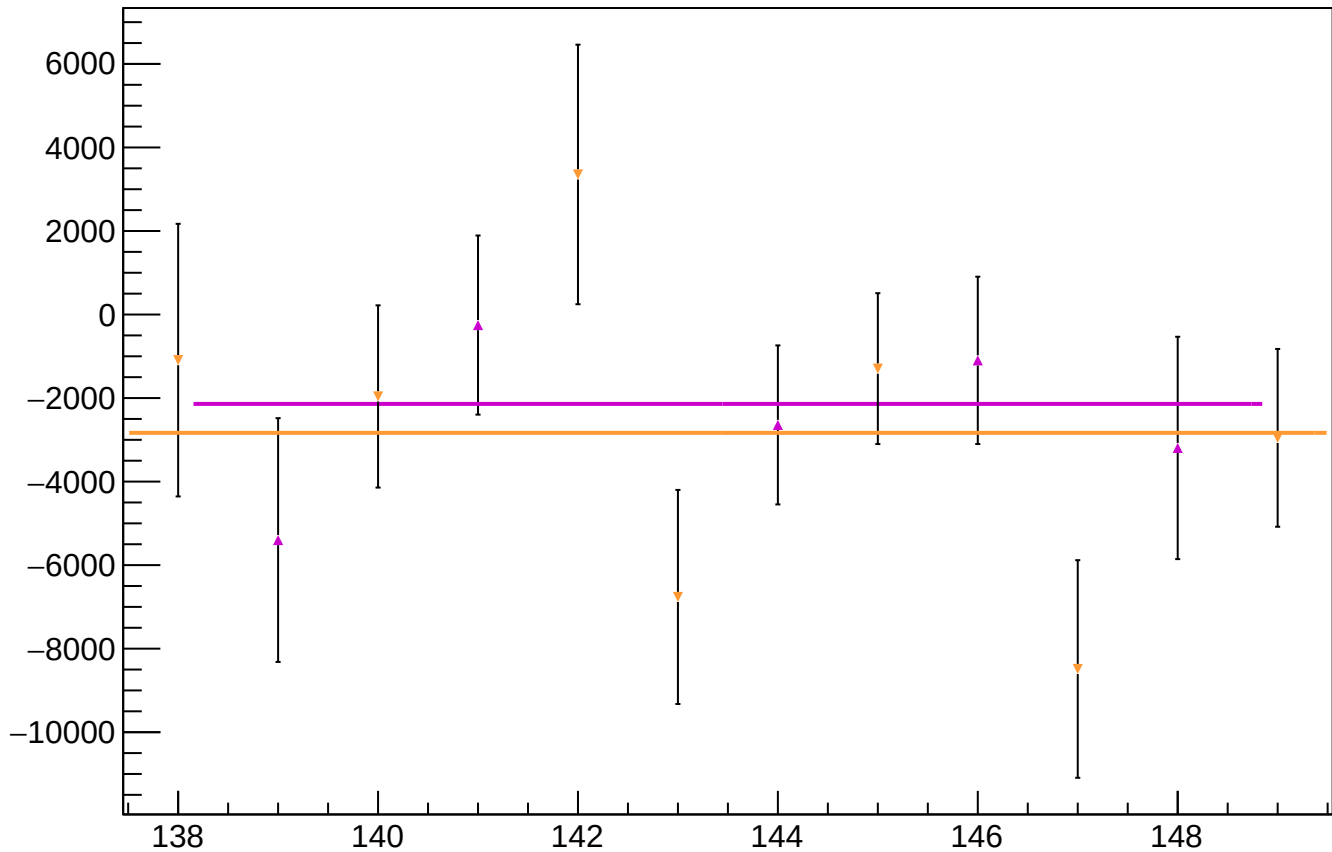
Left In: 297.176 $\pm$ 0.105 χ^2 /NDF:35279.5/4

+ sign 276.890 $\pm$ 0.059 χ^2 /NDF: 946725.2/23

All: 272.893 $\pm$ 0.041 χ^2 /NDF: 1793137.8/47

- 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: -2832.279+/-900.060 χ^2/NDF :12.2/6

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

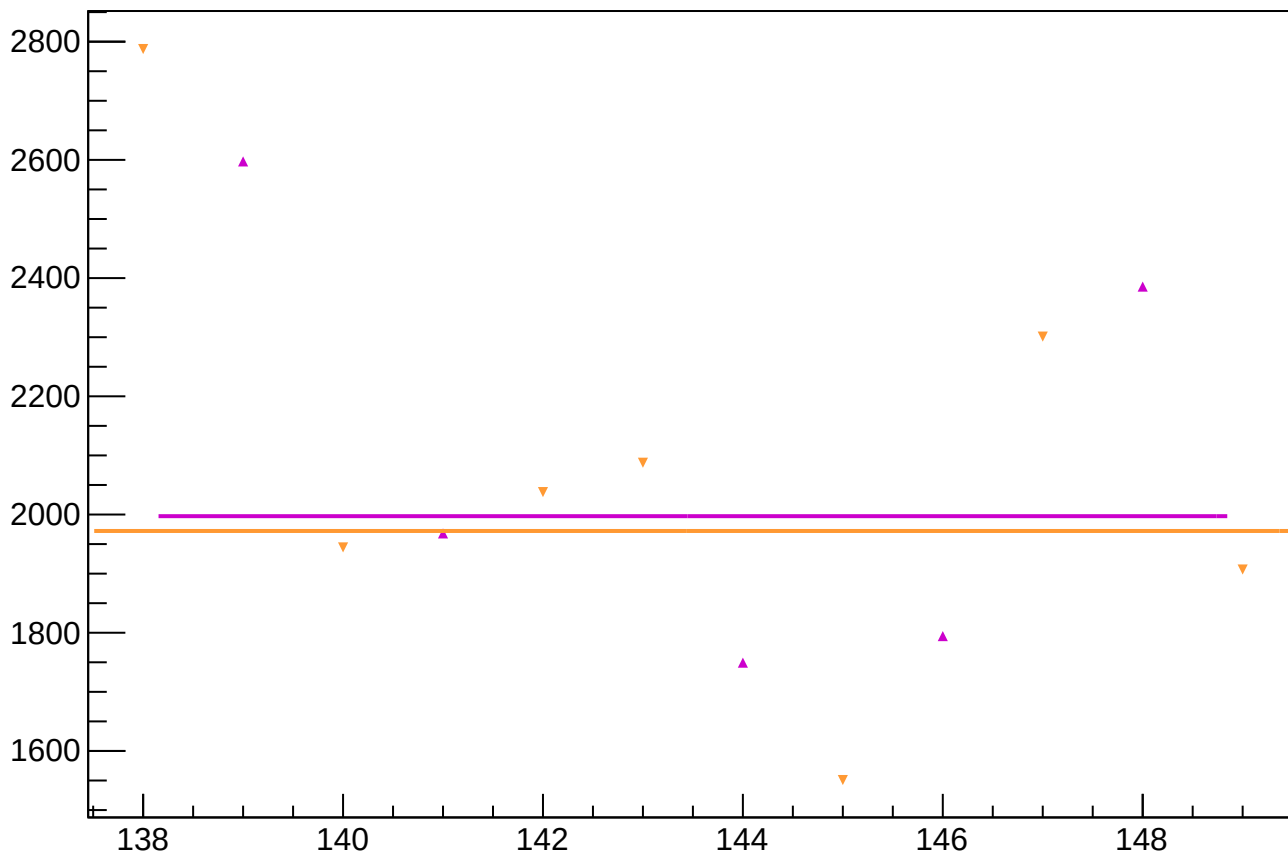
Left In: -2139.816+/-999.382 χ^2/NDF :2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2522.157+/-668.804 χ^2/NDF : 15.0/11

- 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: 1972.175+/-0.636 χ^2/NDF : 272701.4/6

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

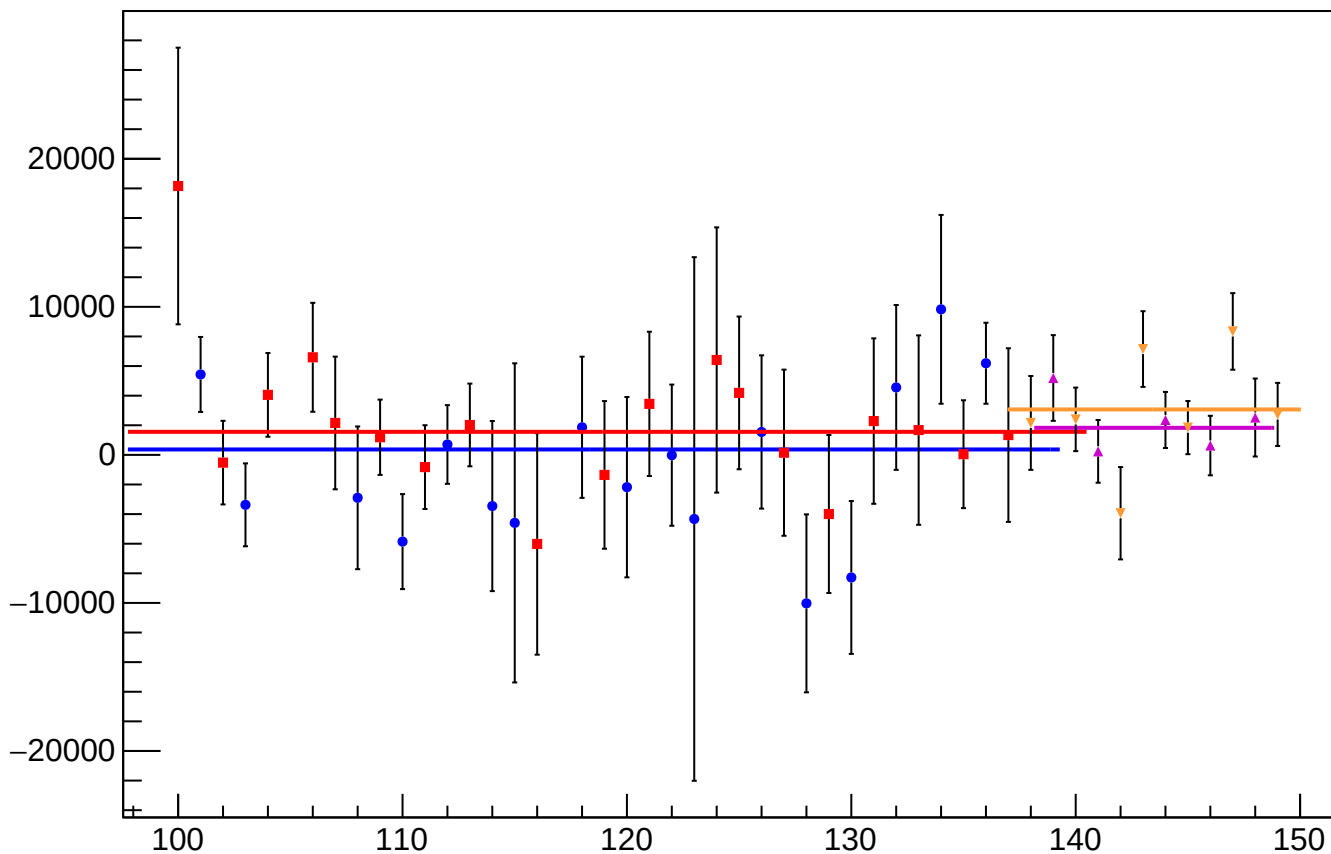
Left In: 1997.213+/-0.707 χ^2/NDF : 181963.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.389+/-0.473 χ^2/NDF : 455358.4/11

- 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: 3068.500 ± 893.730 χ^2/NDF : 12.4/6

Right Out: 1557.388 ± 924.003 χ^2/NDF : 10.5/18

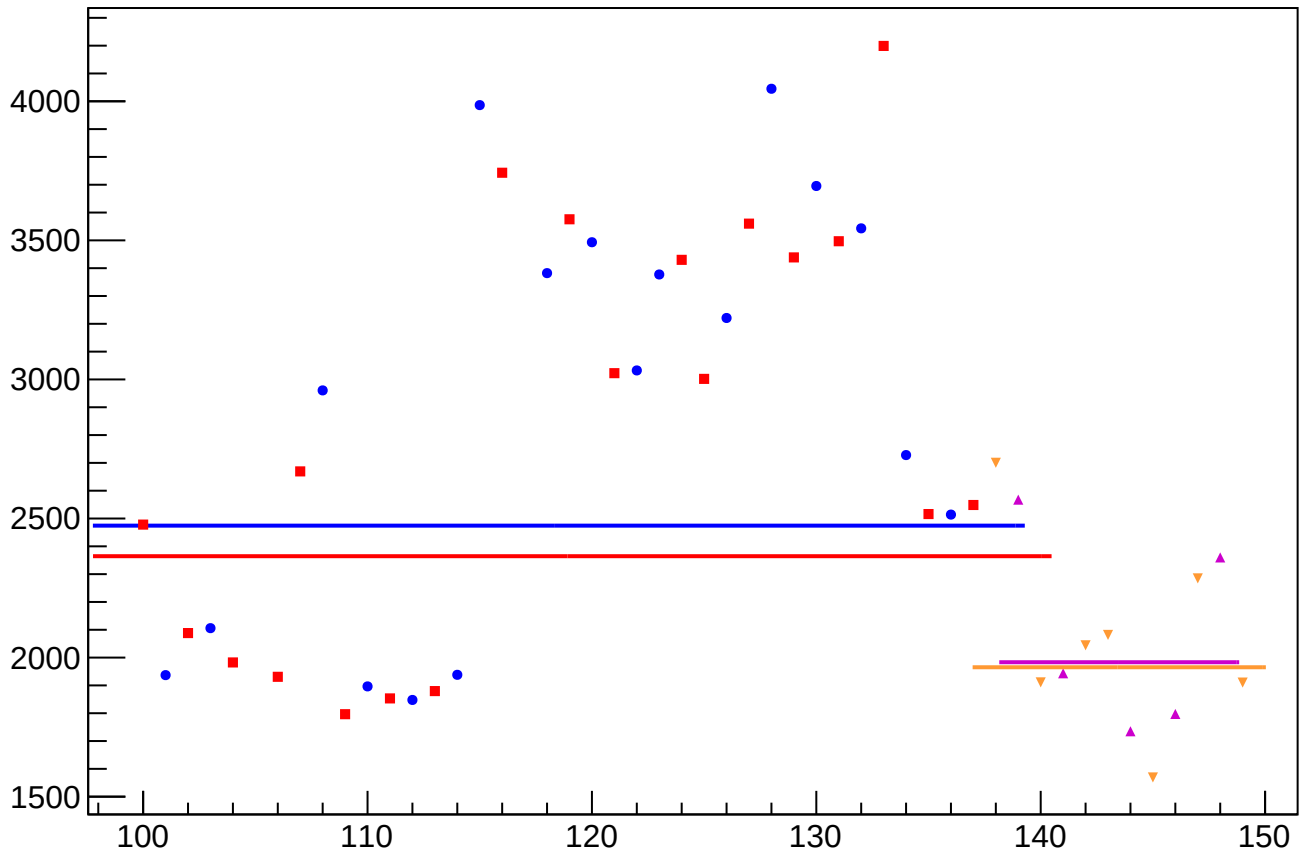
Left In: 1827.923 ± 993.760 χ^2/NDF : 2.4/4

+ sign 1858.552 ± 664.139 χ^2/NDF : 40.7/23

All: 1772.334 ± 473.991 χ^2/NDF : 53.7/47

- 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: 1965.218+/-0.632 χ^2/NDF : 243468.5/6

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

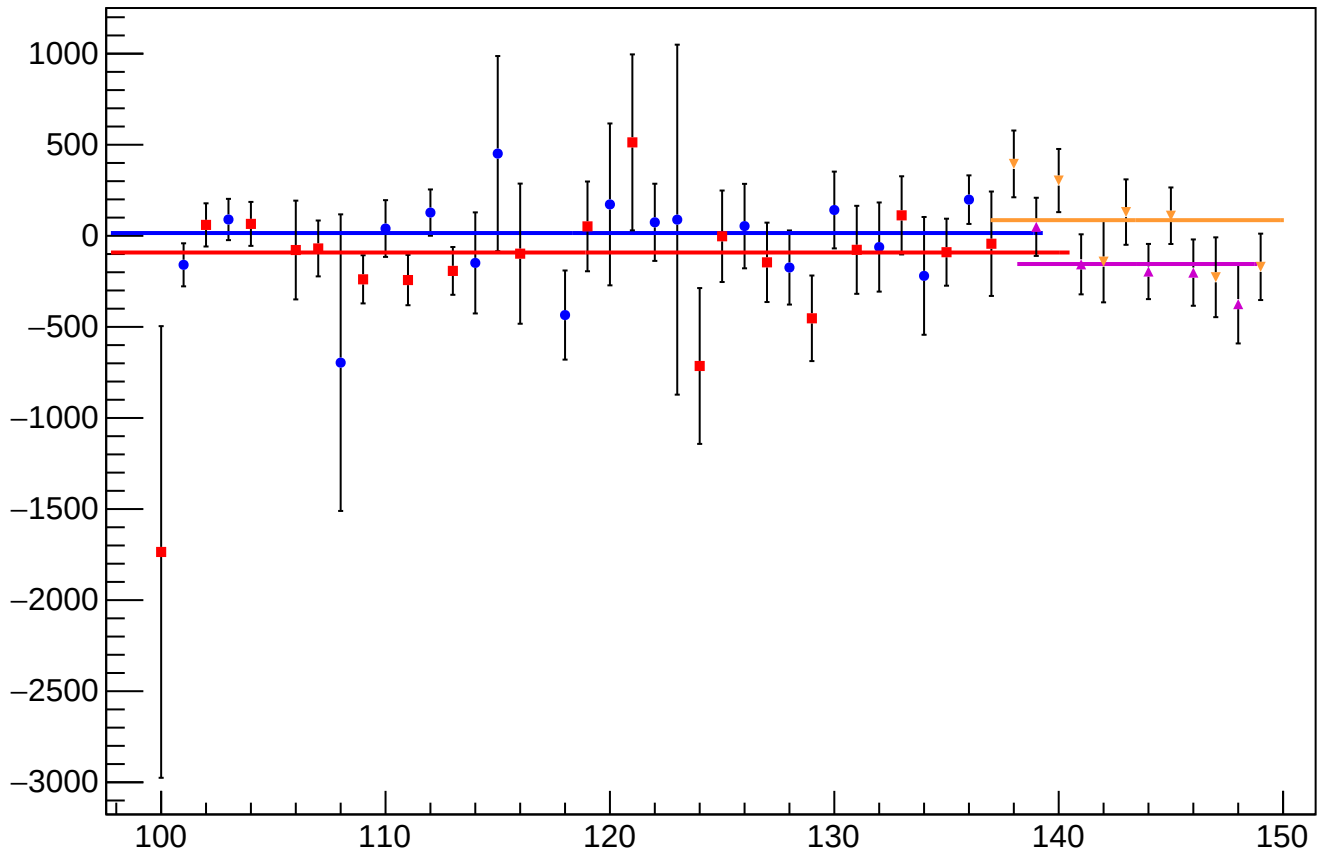
Left In: 1983.321+/-0.703 χ^2/NDF : 174660.7/4

+ sign 2193.219+/-0.470 χ^2/NDF : 1440412.8/23

All: 2190.541+/-0.335 χ^2/NDF : 2796365.9/47

- 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: 85.955 ± 69.582 χ^2/NDF : 9.6/6

Right Out: -91.634 ± 43.318 χ^2/NDF : 15.7/18

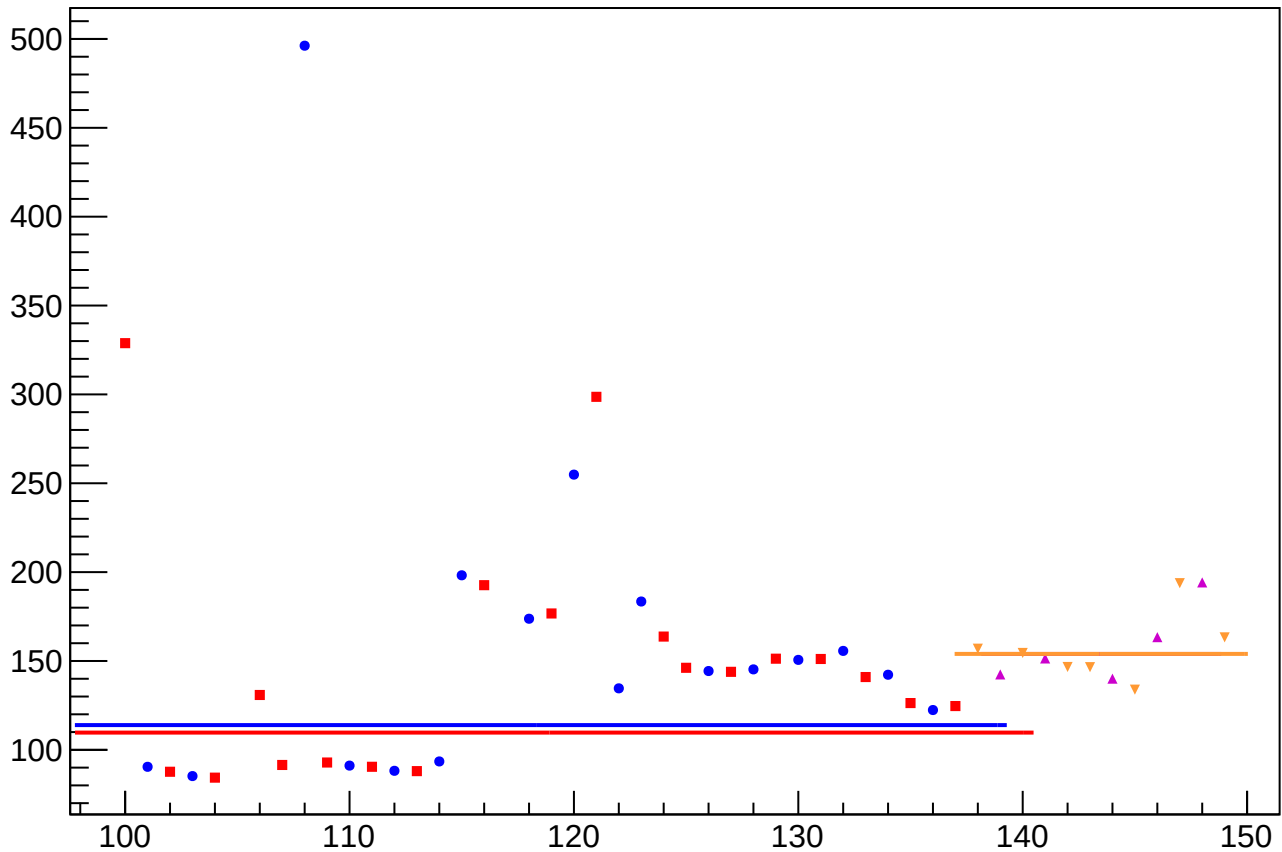
Left In: -154.775 ± 76.423 χ^2/NDF : 2.8/4

+ sign 37.078 ± 38.629 χ^2/NDF : 22.8/23

All: -36.736 ± 26.975 χ^2/NDF : 49.0/47

- 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: 153.989 $\pm$ 0.049 χ^2 /NDF:110977.9/6

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

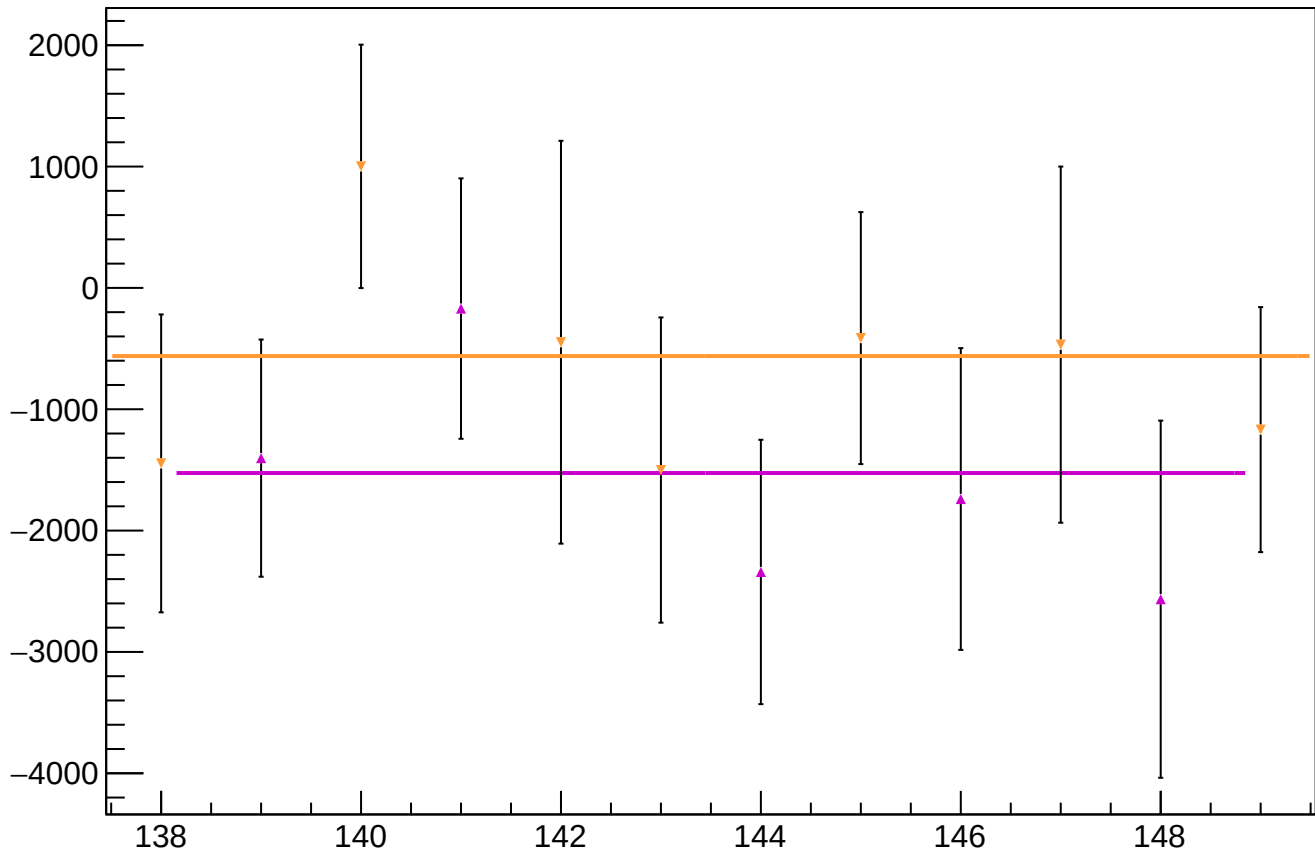
Left In: 153.951 $\pm$ 0.054 χ^2 /NDF:102620.4/4

+ sign 126.277 $\pm$ 0.027 χ^2 /NDF: 1977363.6/23

All: 123.300 $\pm$ 0.019 χ^2 /NDF: 3852451.8/47

- 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: -561.581+/-446.066 χ^2/NDF : 3.9/6

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

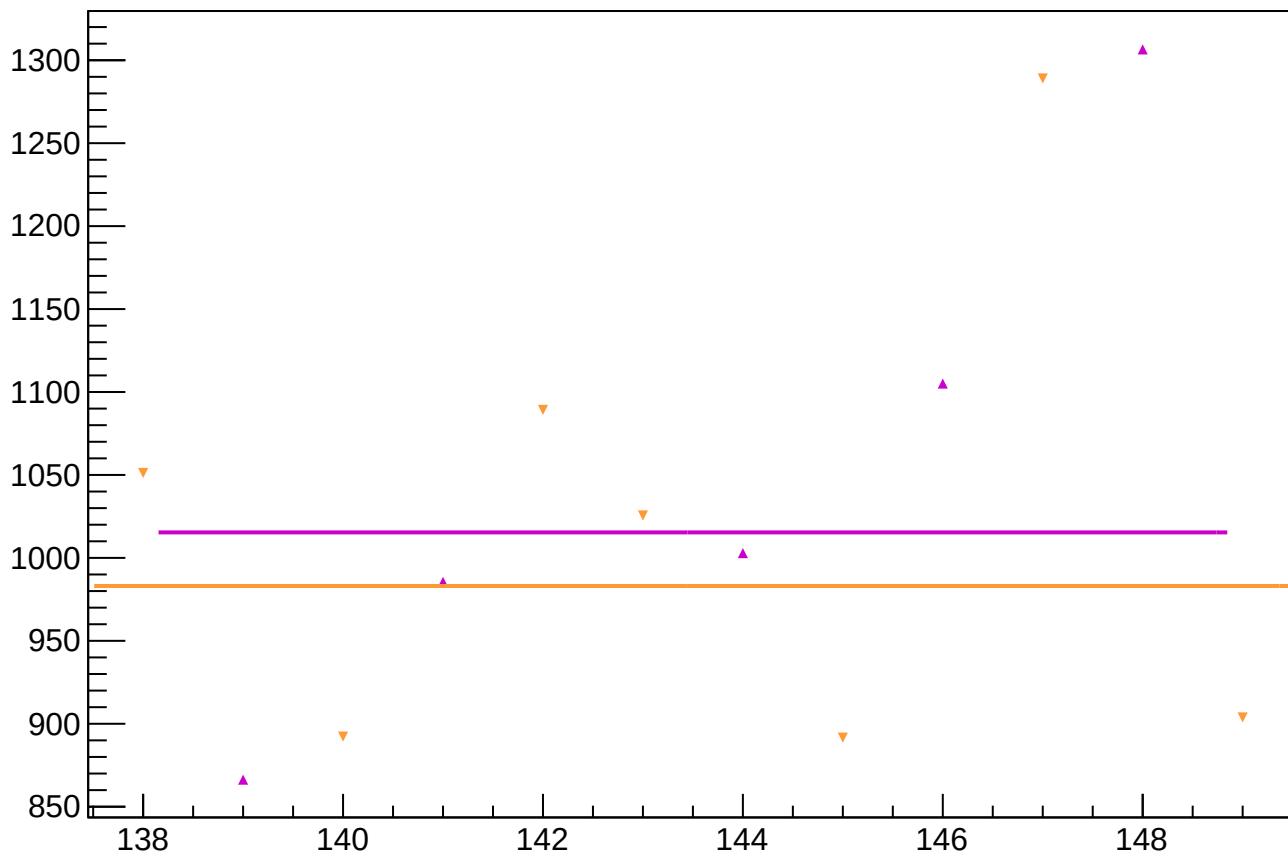
Left In: -1525.624+/-508.552 χ^2/NDF : 2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -980.768+/-335.345 χ^2/NDF : 8.6/11

- 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: 983.046+/-0.315 χ^2/NDF :147774.0/6

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

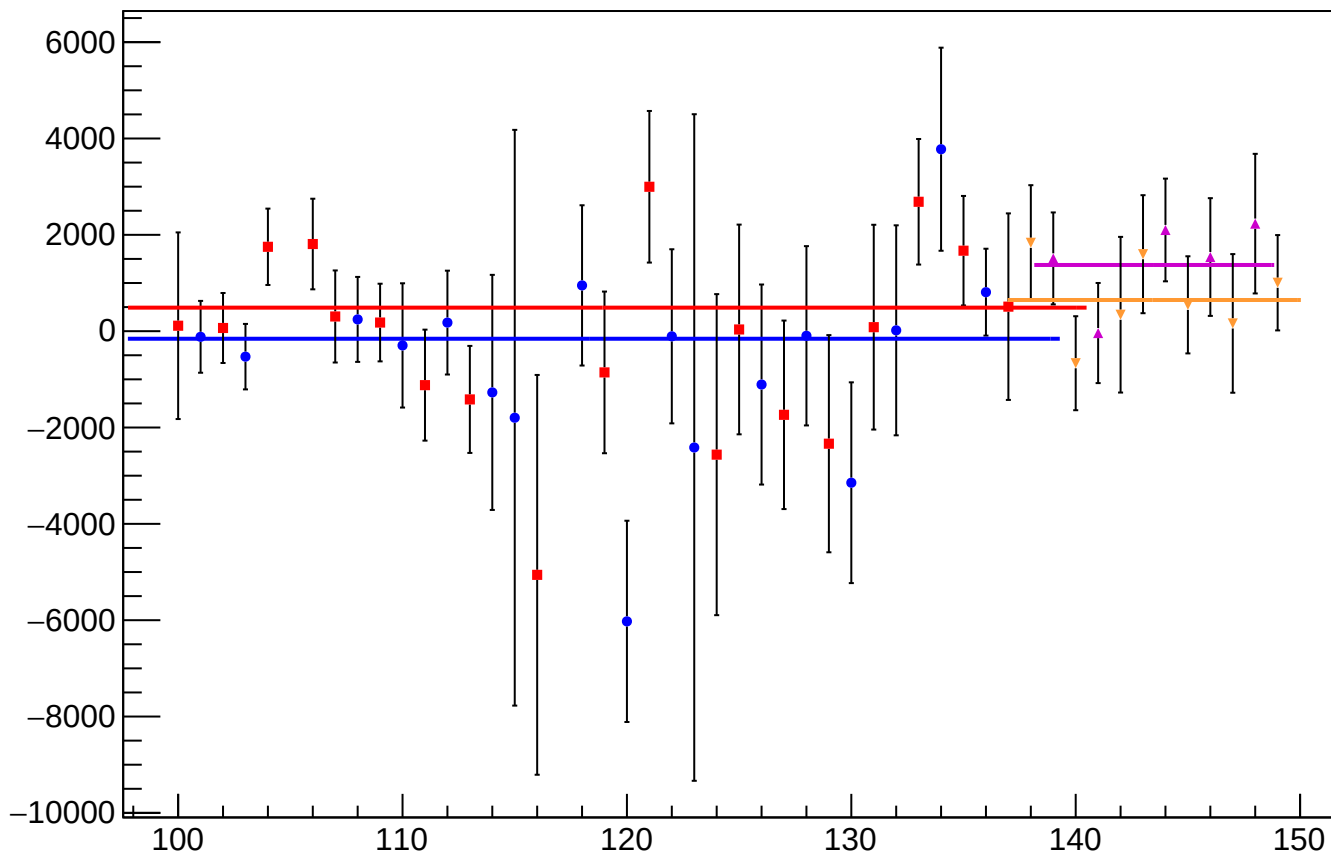
Left In: 1015.367+/-0.360 χ^2/NDF :137010.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.100+/-0.237 χ^2/NDF : 289350.7/11

- 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: 647.232 ± 434.911 χ^2/NDF : 3.7/6

Right Out: 488.583 ± 282.758 χ^2/NDF : 22.6/18

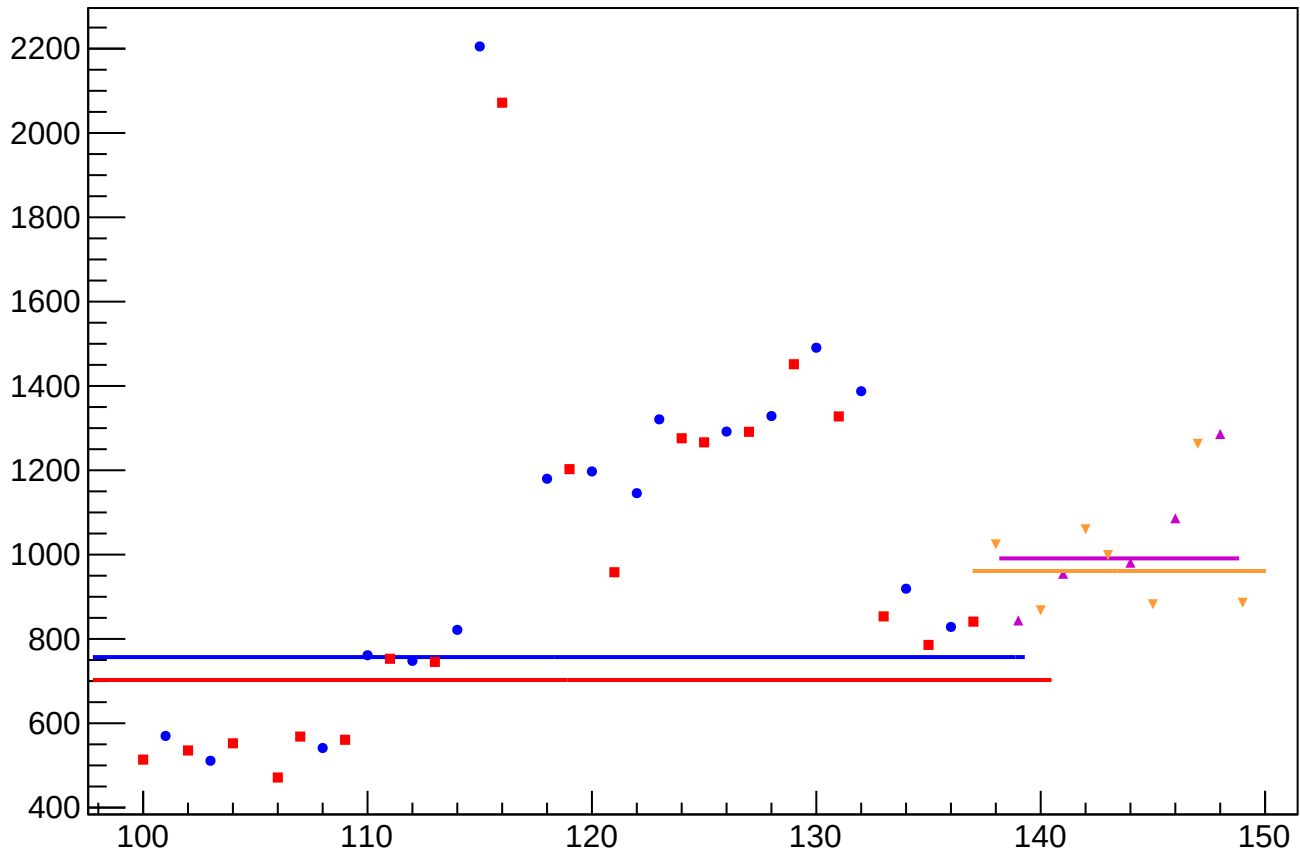
Left In: 1374.237 ± 496.951 χ^2/NDF : 2.7/4

+ sign 116.722 ± 253.780 χ^2/NDF : 22.2/23

All: 420.397 ± 176.546 χ^2/NDF : 52.7/47

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

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 961.169+/-0.308 χ^2/NDF : 144987.5/6

Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

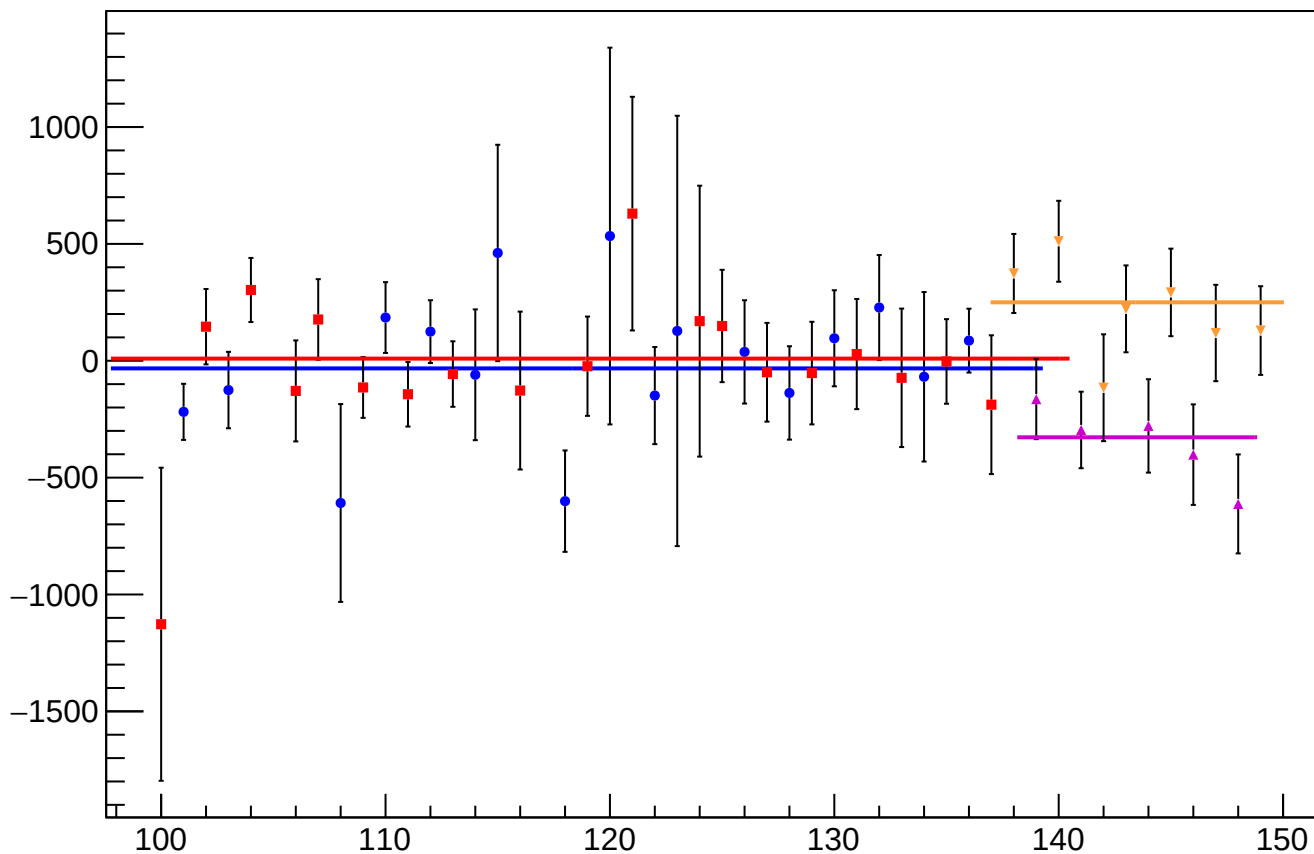
Left In: 991.017+/-0.351 χ^2/NDF : 145202.6/4

+ sign 826.509+/-0.179 χ^2/NDF : 2147002.9/23

All: 798.989+/-0.125 χ^2/NDF : 4536071.0/47

- sign 773.180+/-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: 250.010 ± 71.381 χ^2/NDF : 6.3/6

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

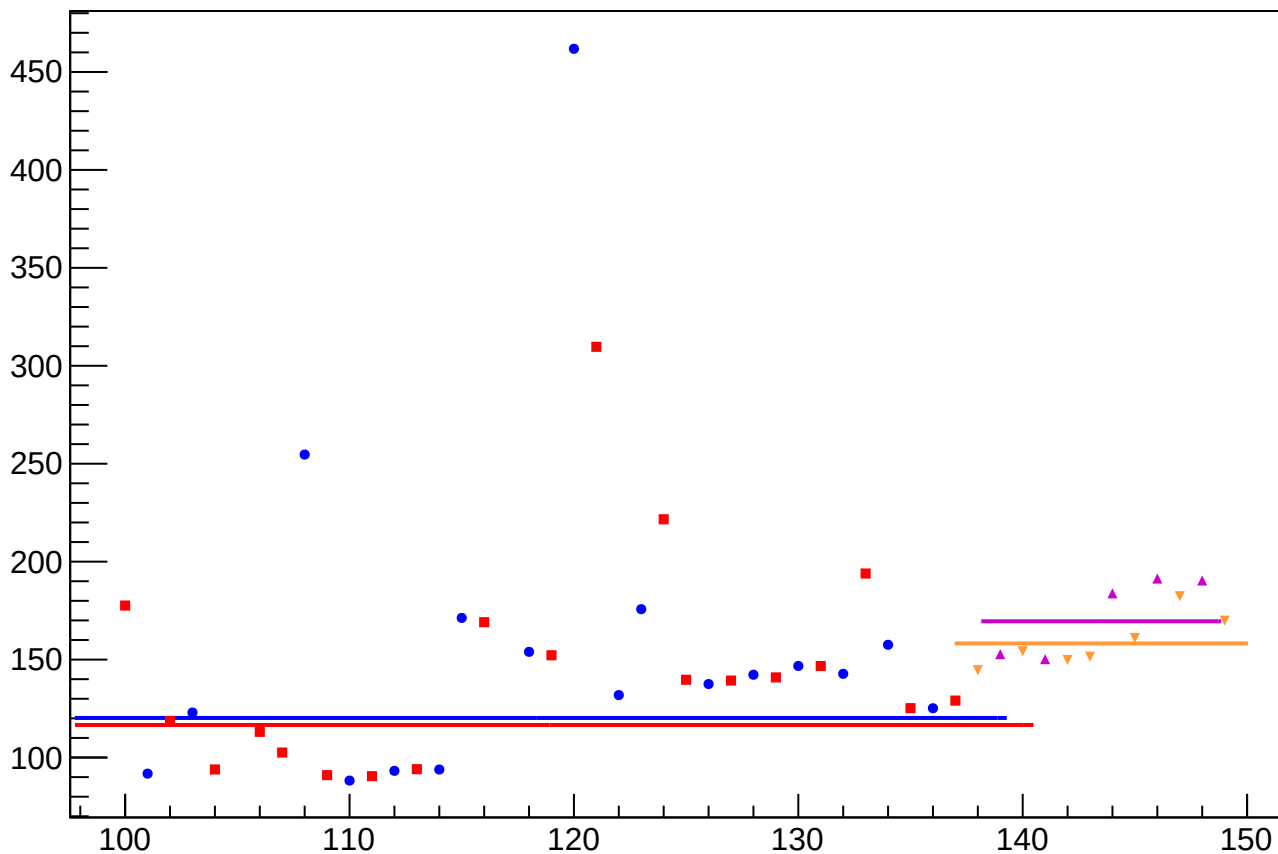
Left In: -327.419 ± 84.385 χ^2/NDF : 2.9/4

+ sign 56.423 ± 40.077 χ^2/NDF : 36.7/23

All: -5.137 ± 28.353 χ^2/NDF : 71.4/47

- 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: 158.240 $\pm$ 0.050 χ^2 /NDF: 54746.2/6

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

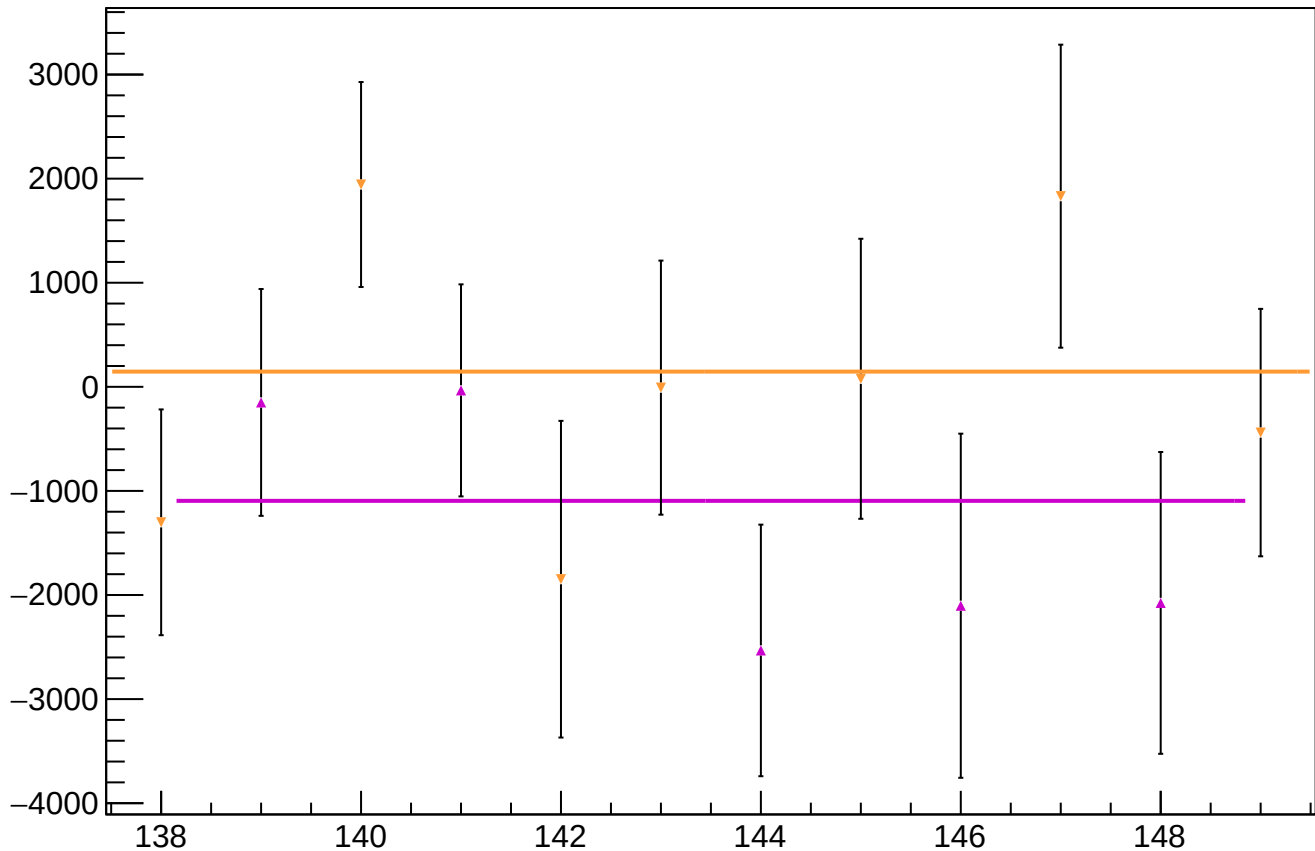
Left In: 169.558 $\pm$ 0.060 χ^2 /NDF: 97312.6/4

+ sign 132.196 $\pm$ 0.028 χ^2 /NDF: 1505878.9/23

All: 130.391 $\pm$ 0.020 χ^2 /NDF: 3218532.8/47

- 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: 146.287+/-460.396 χ^2/NDF : 8.4/6

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

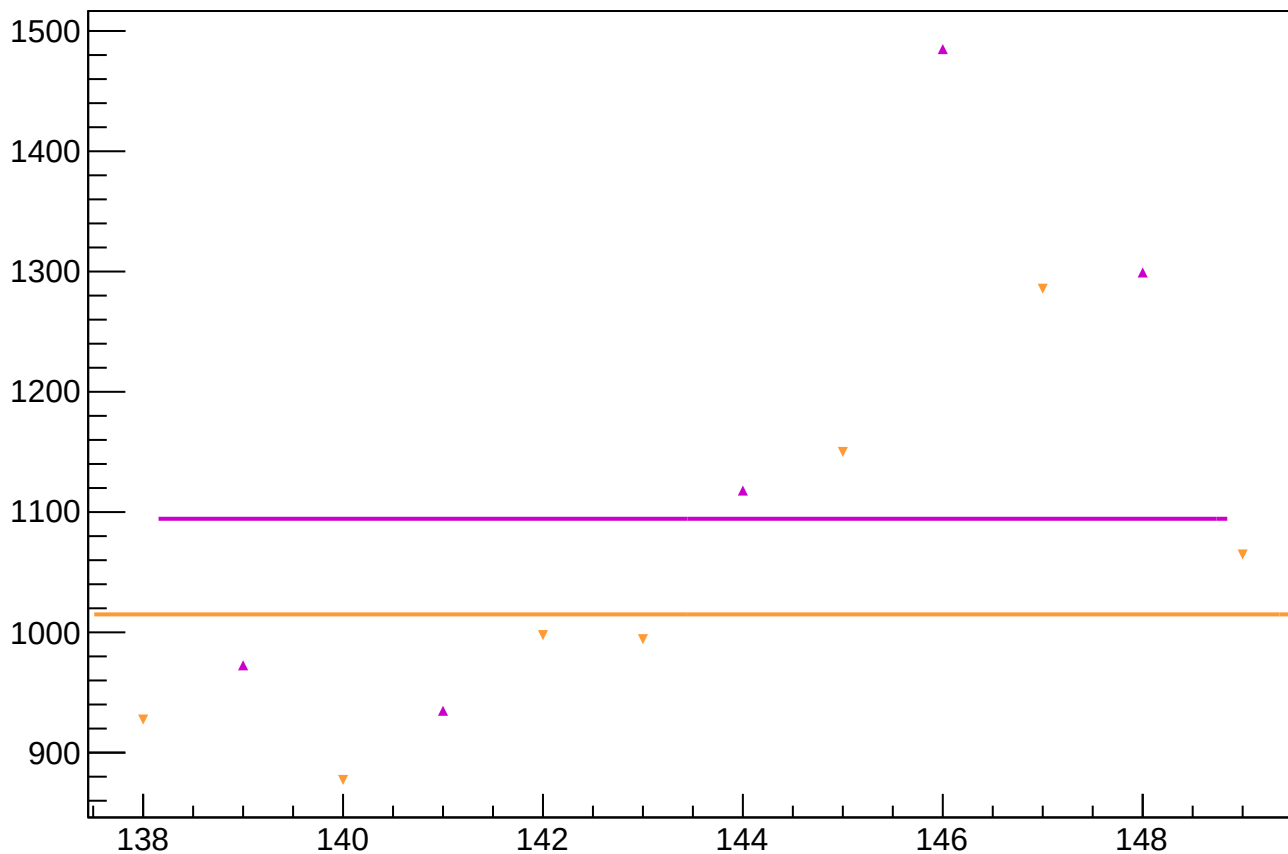
Left In: -1095.399+/-547.764 χ^2/NDF : 4.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.752+/-352.441 χ^2/NDF : 15.5/11

- 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: 1014.938+/-0.326 χ^2/NDF : 145794.6/6

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

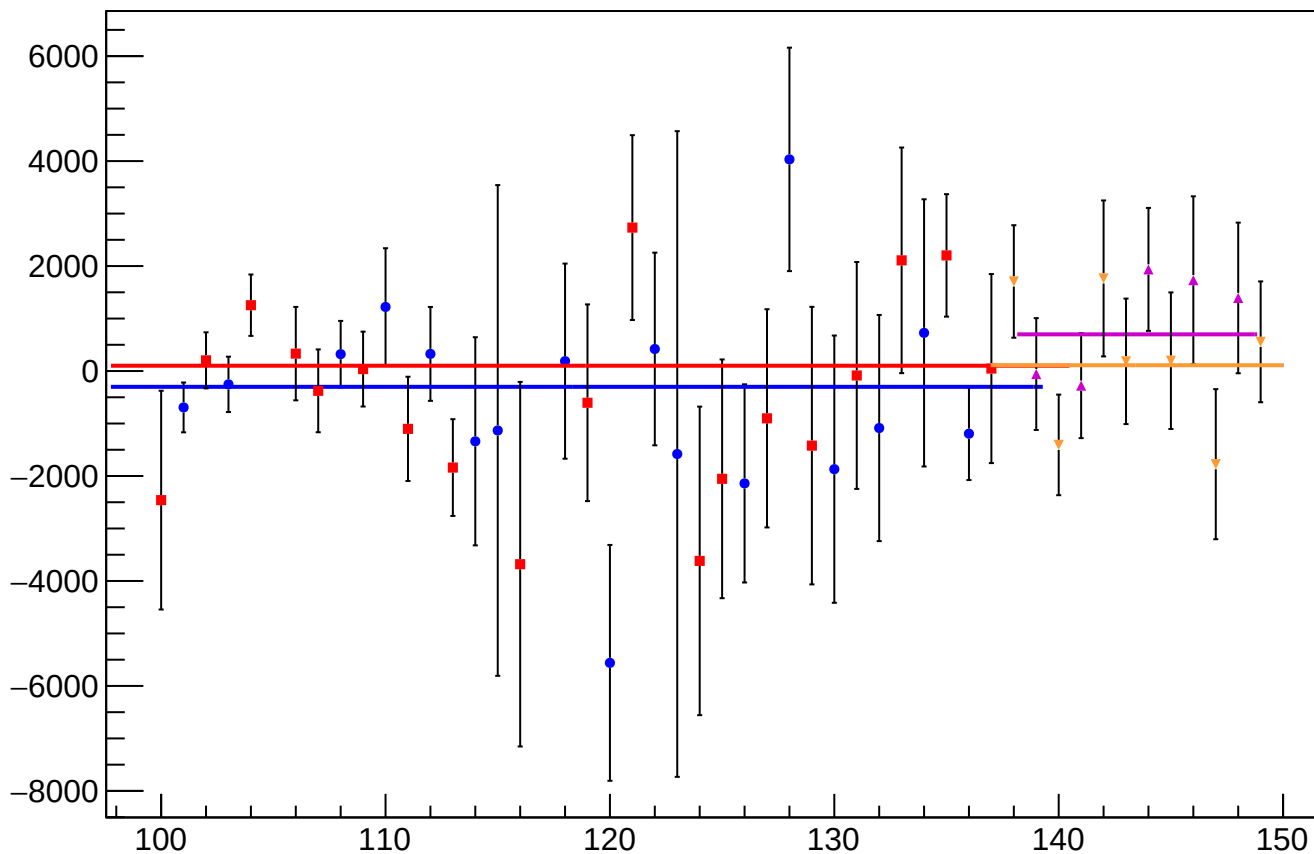
Left In: 1094.434+/-0.387 χ^2/NDF : 226418.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.848+/-0.249 χ^2/NDF : 396899.0/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: 110.782 ± 449.602 χ^2/NDF : 7.9/6

Right Out: 100.857 ± 245.981 χ^2/NDF : 22.5/18

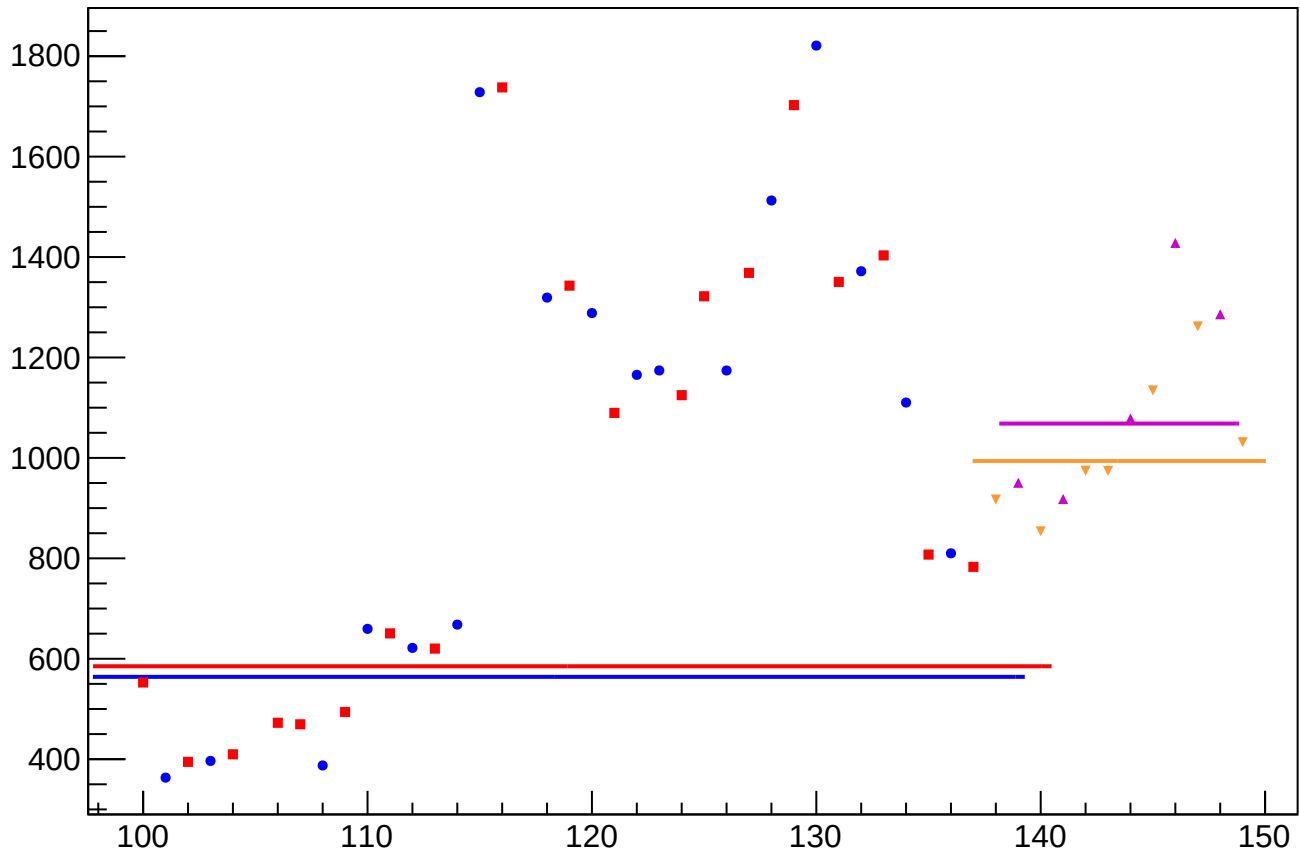
Left In: 698.932 ± 535.486 χ^2/NDF : 3.2/4

+ sign -203.725 ± 218.522 χ^2/NDF : 25.3/23

All: -3.955 ± 156.257 χ^2/NDF : 53.8/47

- sign 205.068 ± 223.526 χ^2/NDF : 26.8/23

asym_sam6_rms vs Slug



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

Left Out: 993.874+/-0.318 χ^2/NDF : 149594.1/6

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

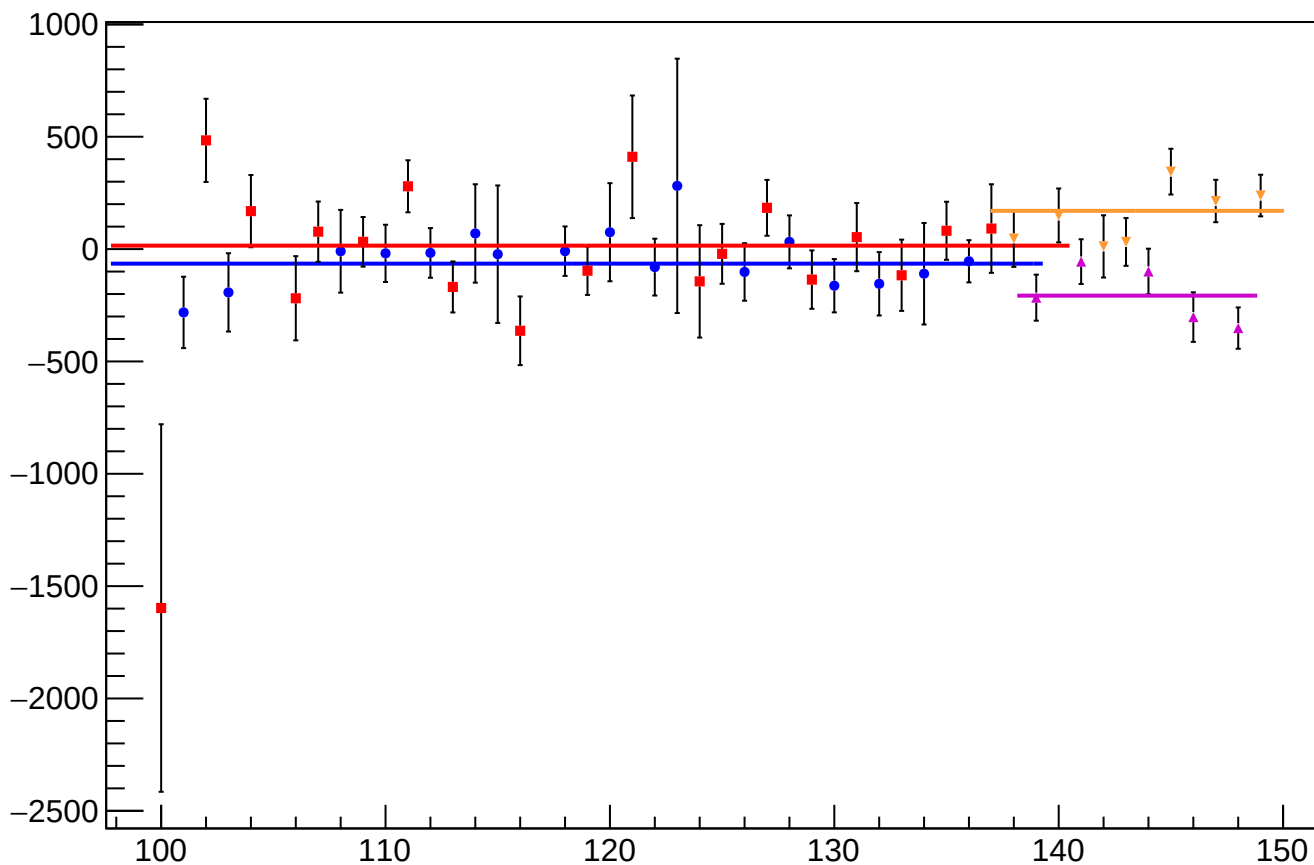
Left In: 1068.395+/-0.379 χ^2/NDF : 217294.2/4

+ sign 665.551+/-0.155 χ^2/NDF : 4807490.6/23

All: 667.377+/-0.110 χ^2/NDF : 9191350.9/47

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

dit_asym_sam7_mean vs Slug

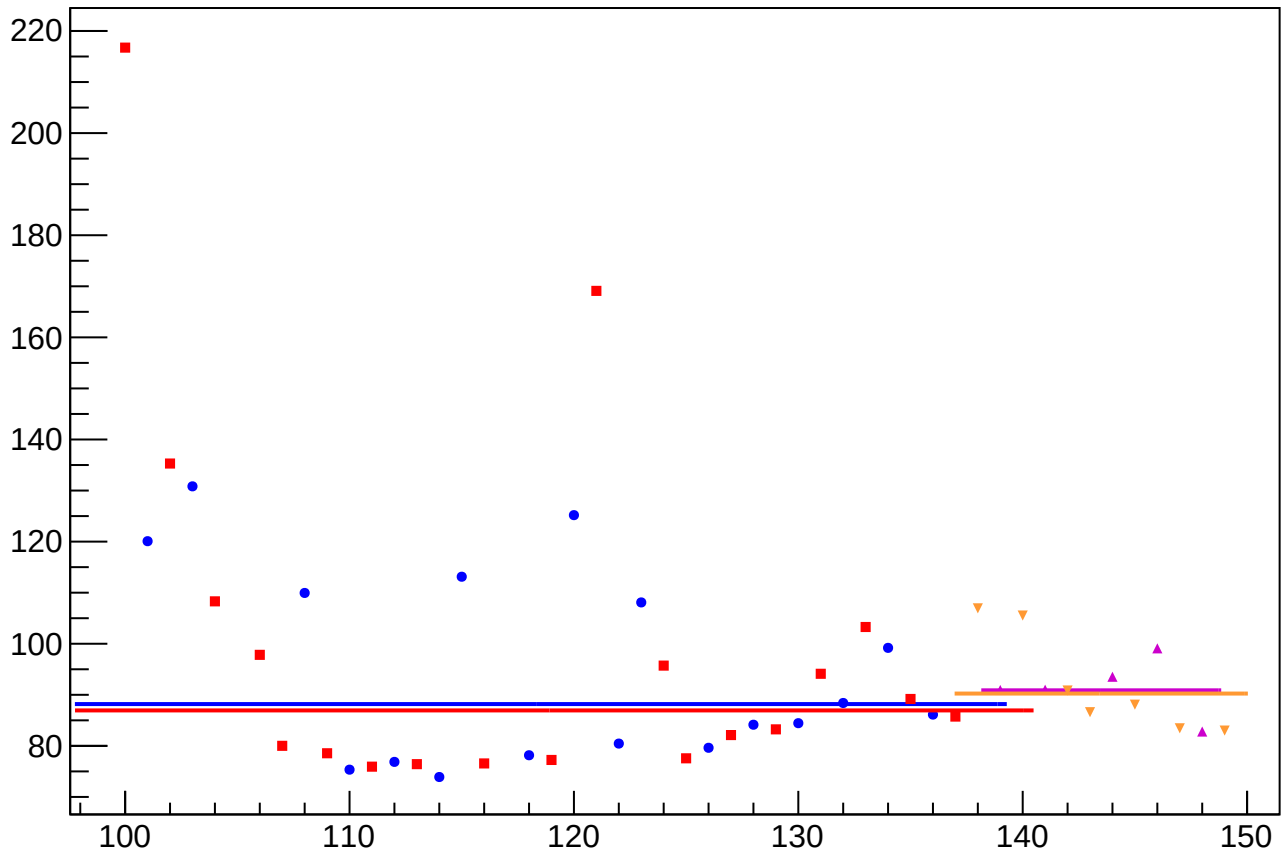


+ sign 33.440 ± 26.420 $\chi^2/\text{NDF}: 33.1/23$

All: -14.446 ± 18.825 $\chi^2/\text{NDF}: 97.2/47$

- sign -63.825 ± 26.829 $\chi^2/\text{NDF}: 57.4/23$

dit_asym_sam7_rms vs Slug



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

Left Out: 90.245 $\pm$ 0.029 χ^2 /NDF: 93454.8/6

Right Out: 86.943 $\pm$ 0.024 χ^2 /NDF: 531359.9/18

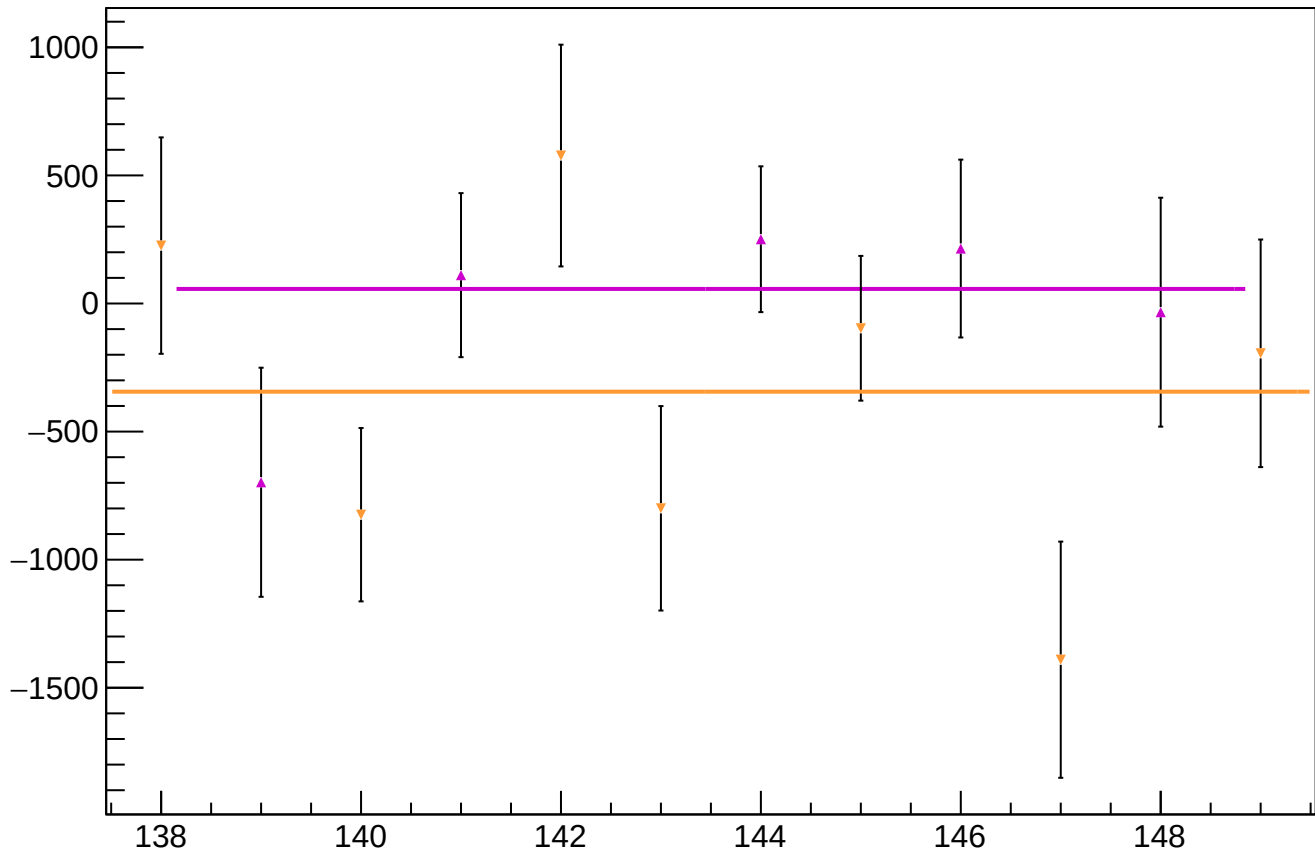
Left In: 90.877 $\pm$ 0.032 χ^2 /NDF: 27888.1/4

+ sign 89.046 $\pm$ 0.019 χ^2 /NDF: 490856.1/23

All: 88.700 $\pm$ 0.013 χ^2 /NDF: 1060657.8/47

- 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: -344.230+/-143.950 χ^2/NDF : 15.7/6

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

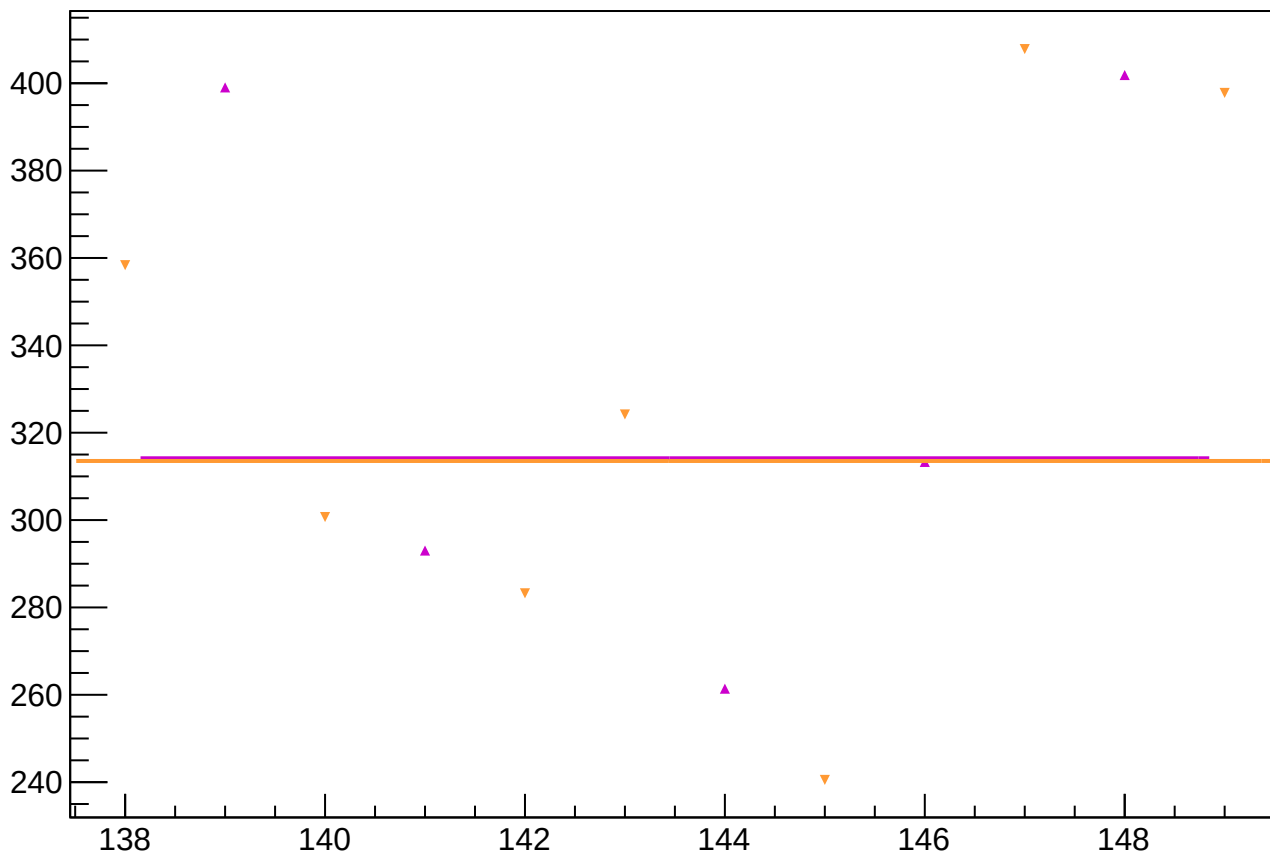
Left In: 56.877+/-157.309 χ^2/NDF : 3.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.428+/-106.197 χ^2/NDF : 22.8/11

- 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: 313.528+/-0.102 χ^2/NDF : 325841.5/6

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

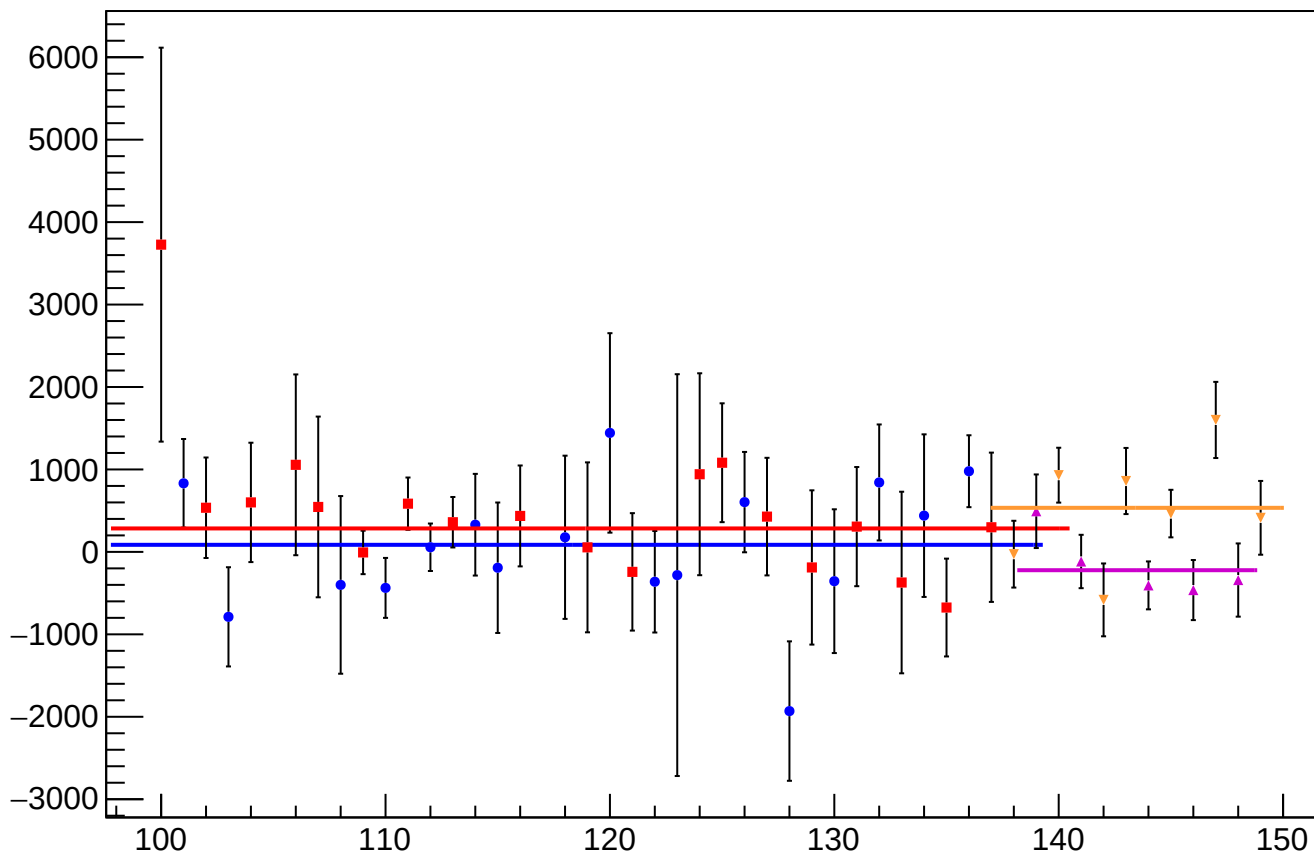
Left In: 314.144+/-0.111 χ^2/NDF : 226617.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.809+/-0.075 χ^2/NDF : 552475.3/11

- 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: 534.510 $\pm$ 144.076 χ^2 /NDF:15.8/6

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

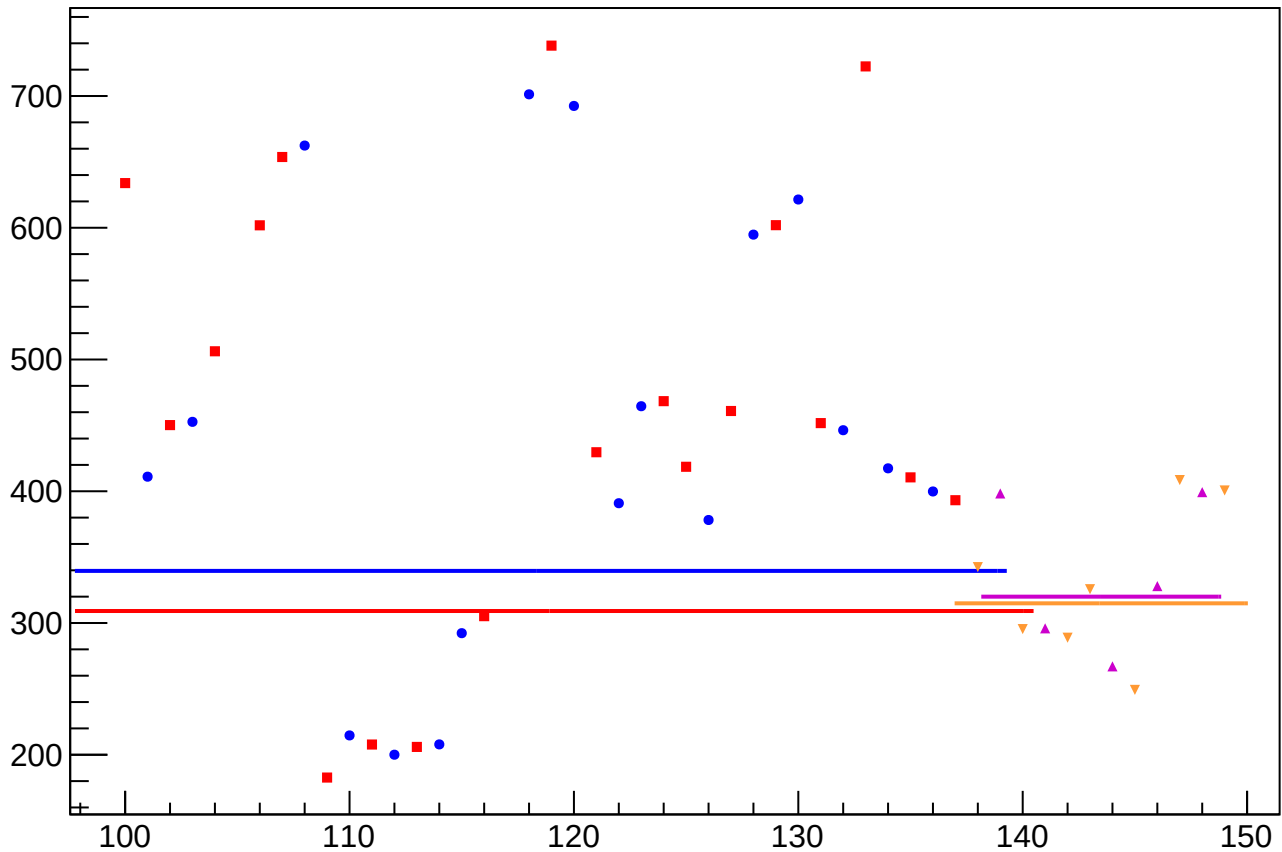
Left In: -222.128 $\pm$ 160.122 χ^2 /NDF:3.6/4

+ sign 307.850 $\pm$ 101.352 χ^2 /NDF: 41.3/23

All: 195.219 $\pm$ 71.448 χ^2 /NDF: 64.0/47

- 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: 314.935+/-0.102 χ^2/NDF : 283742.4/6

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

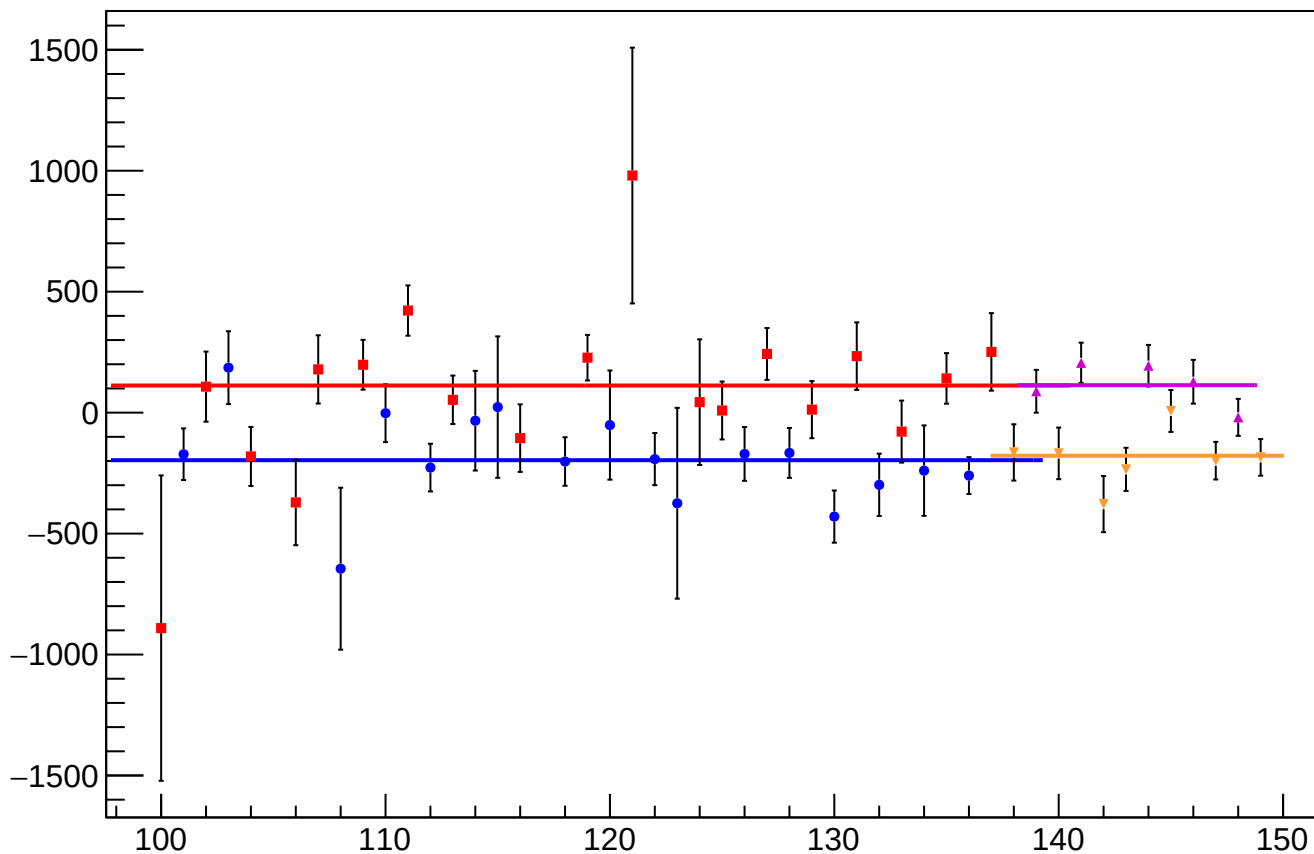
Left In: 319.999+/-0.113 χ^2/NDF : 203710.1/4

+ sign 327.370+/-0.072 χ^2/NDF : 2355482.5/23

All: 320.351+/-0.051 χ^2/NDF : 5314164.0/47

- 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: -178.124 ± 34.617 χ^2/NDF : 8.0/6

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

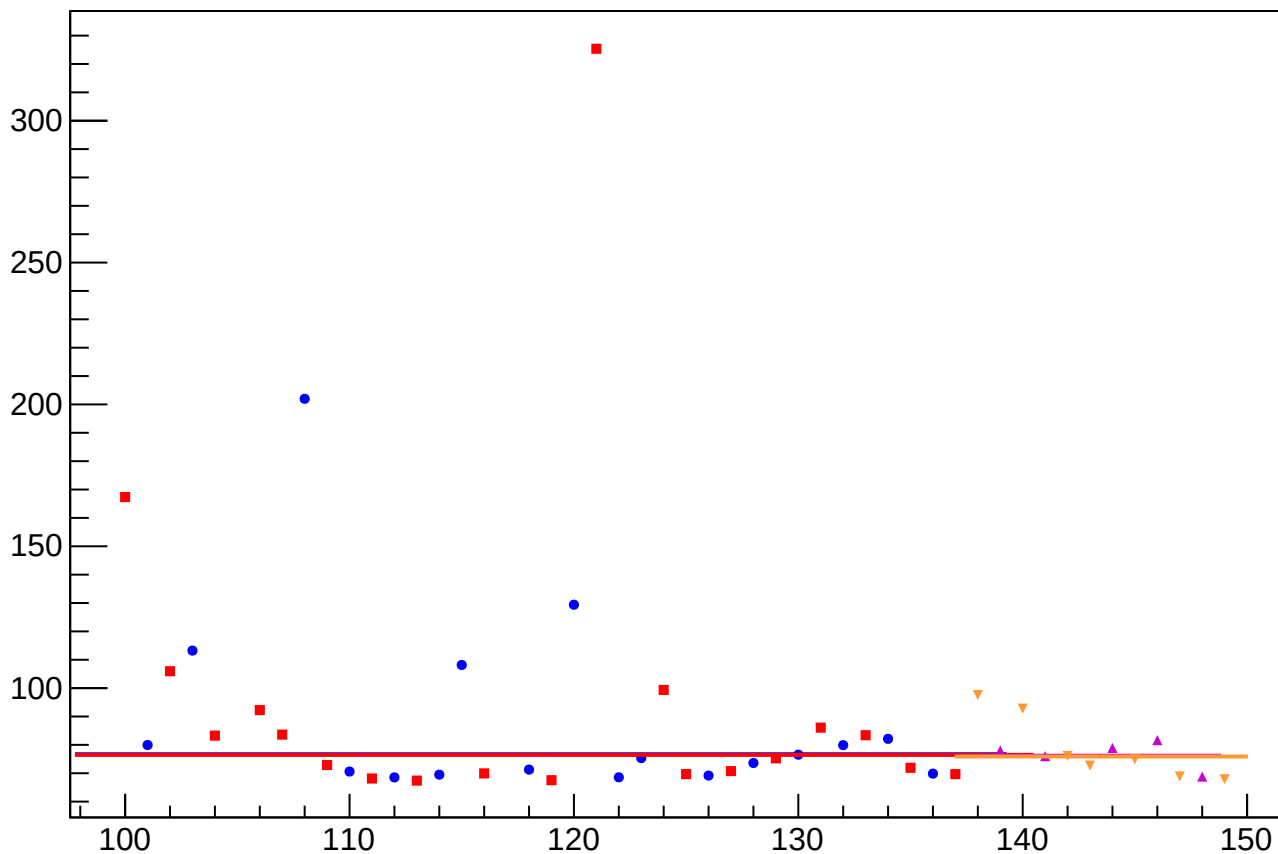
Left In: 113.452 ± 37.782 χ^2/NDF : 5.2/4

+ sign -188.555 ± 22.842 χ^2/NDF : 27.2/23

All: -41.035 ± 16.315 χ^2/NDF : 157.0/47

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

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 75.907 $\pm$ 0.024 χ^2 /NDF: 161195.6/6

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

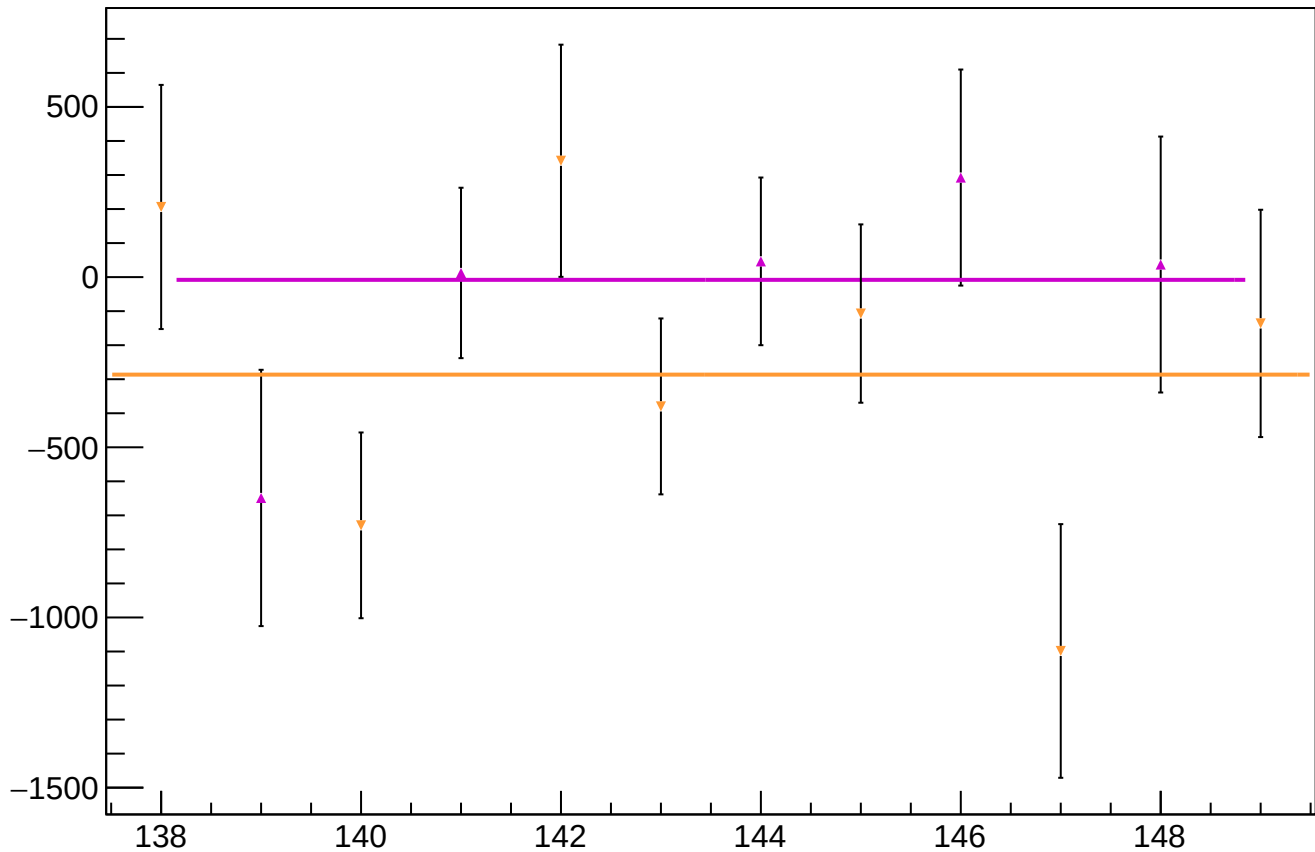
Left In: 76.170 $\pm$ 0.027 χ^2 /NDF: 28866.3/4

+ sign 76.350 $\pm$ 0.016 χ^2 /NDF: 762124.9/23

All: 76.356 $\pm$ 0.012 χ^2 /NDF: 1490436.1/47

- sign 76.361 $\pm$ 0.016 χ^2 /NDF: 728311.0/23

asym_sam8_correction_mean vs Slug



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

Left Out: -286.480 $\pm$ 115.077 χ^2 /NDF:13.5/6

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

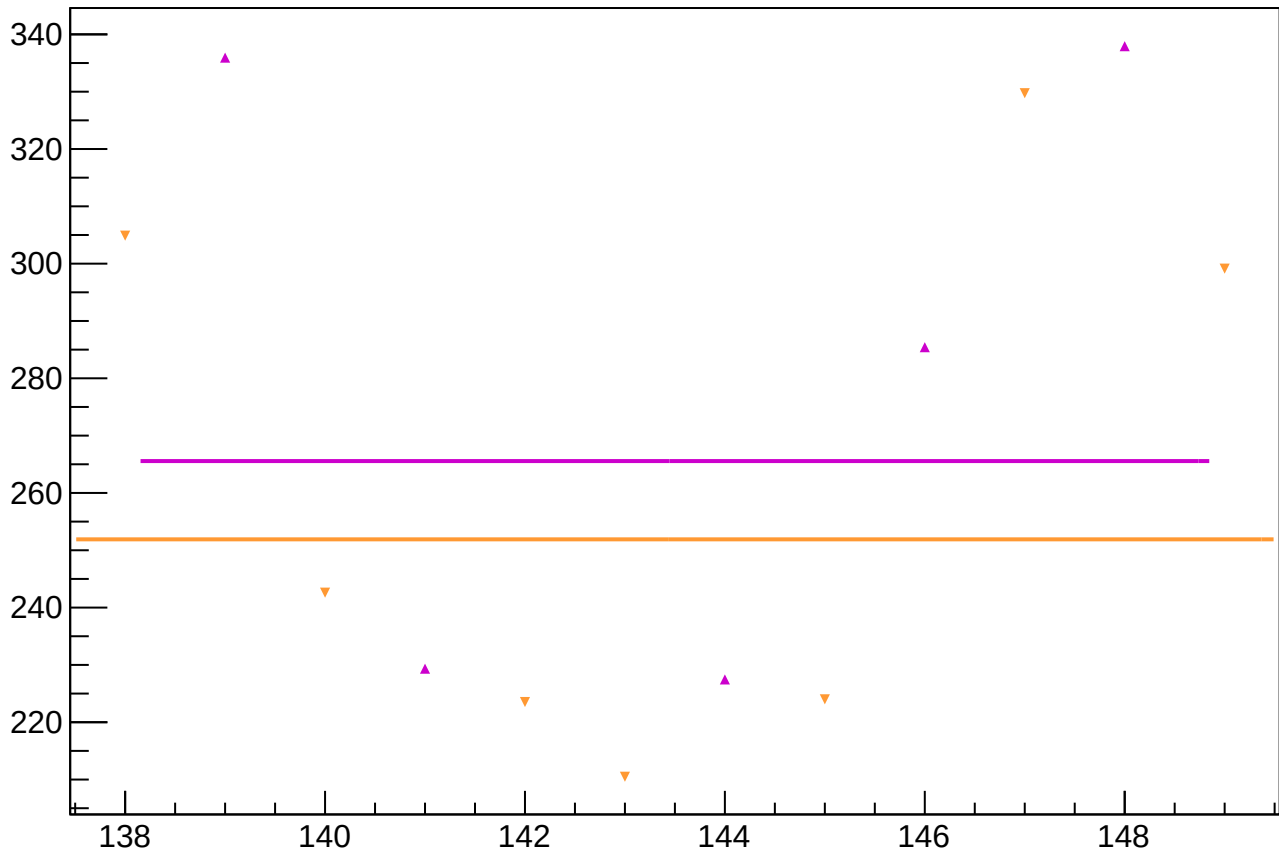
Left In: -8.020 $\pm$ 133.044 χ^2 /NDF:3.9/4

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

All: -167.309 $\pm$ 87.036 χ^2 /NDF: 19.8/11

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

asym_sam8_correction_rms vs Slug



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

Left Out: 251.905+/-0.081 χ^2/NDF : 261110.6/6

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

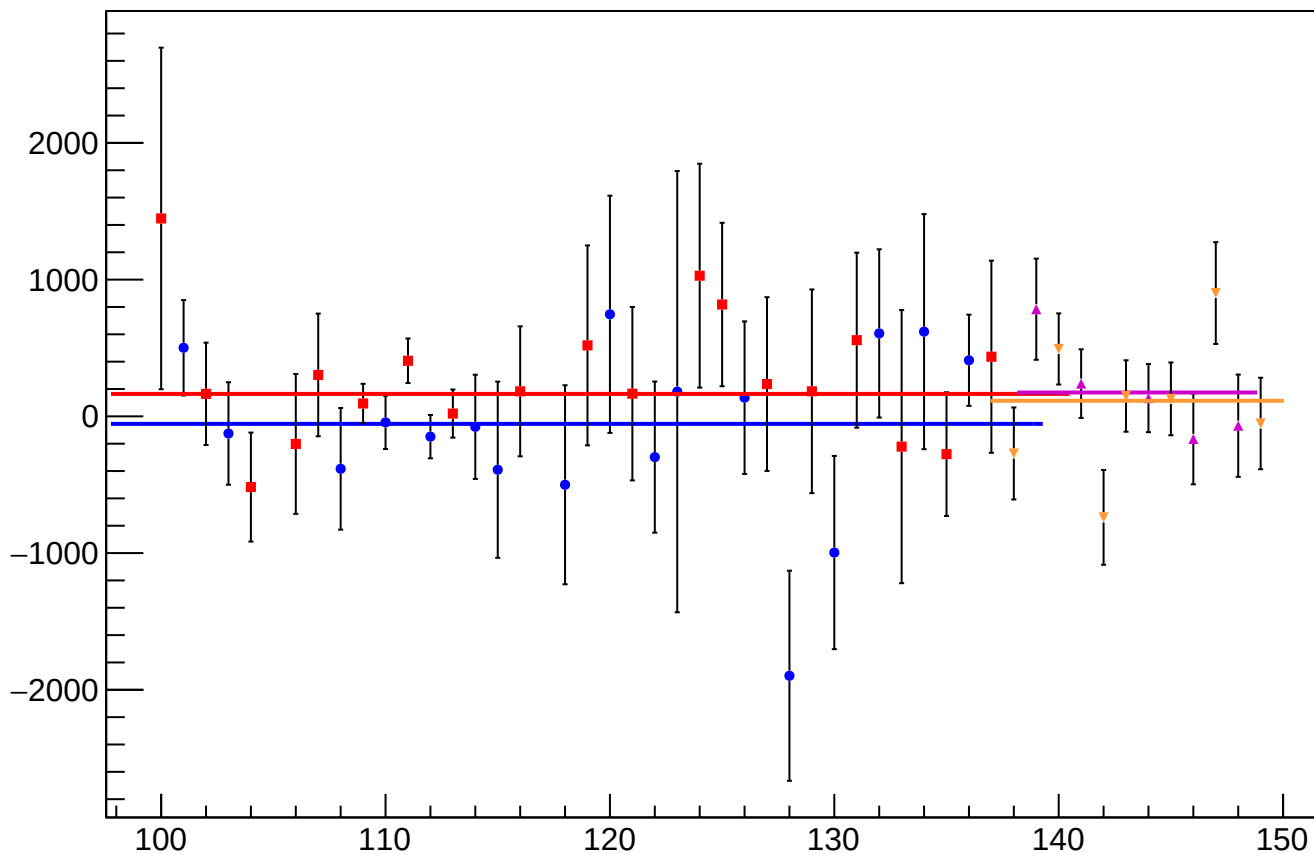
Left In: 265.560+/-0.094 χ^2/NDF : 241532.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.749+/-0.062 χ^2/NDF : 514694.8/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 113.951 ± 114.089 $\chi^2/\text{NDF}: 14.2/6$

Right Out: 164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

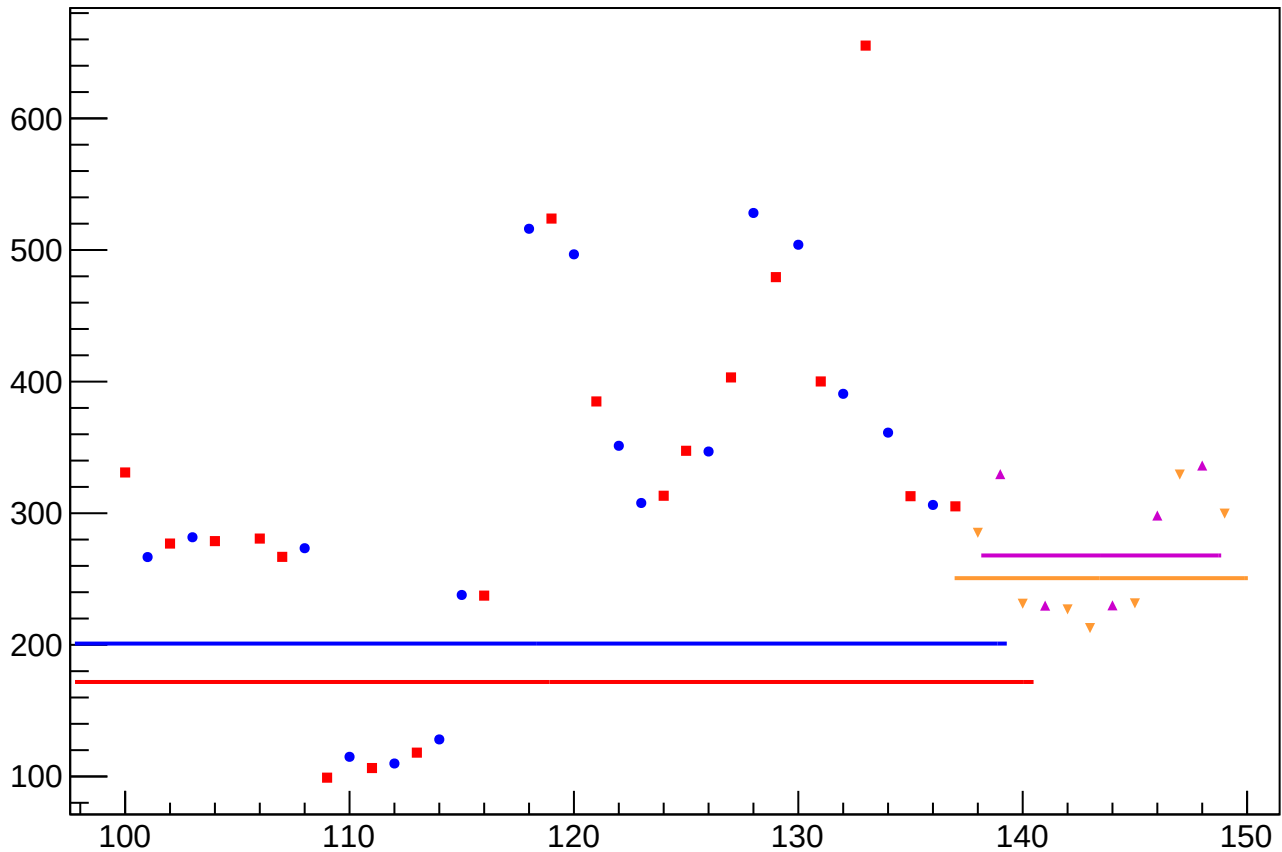
Left In: 174.480 ± 134.199 $\chi^2/\text{NDF}: 4.3/4$

+ sign 10.164 ± 70.832 $\chi^2/\text{NDF}: 32.1/23$

All: 93.102 ± 48.568 $\chi^2/\text{NDF}: 50.9/47$

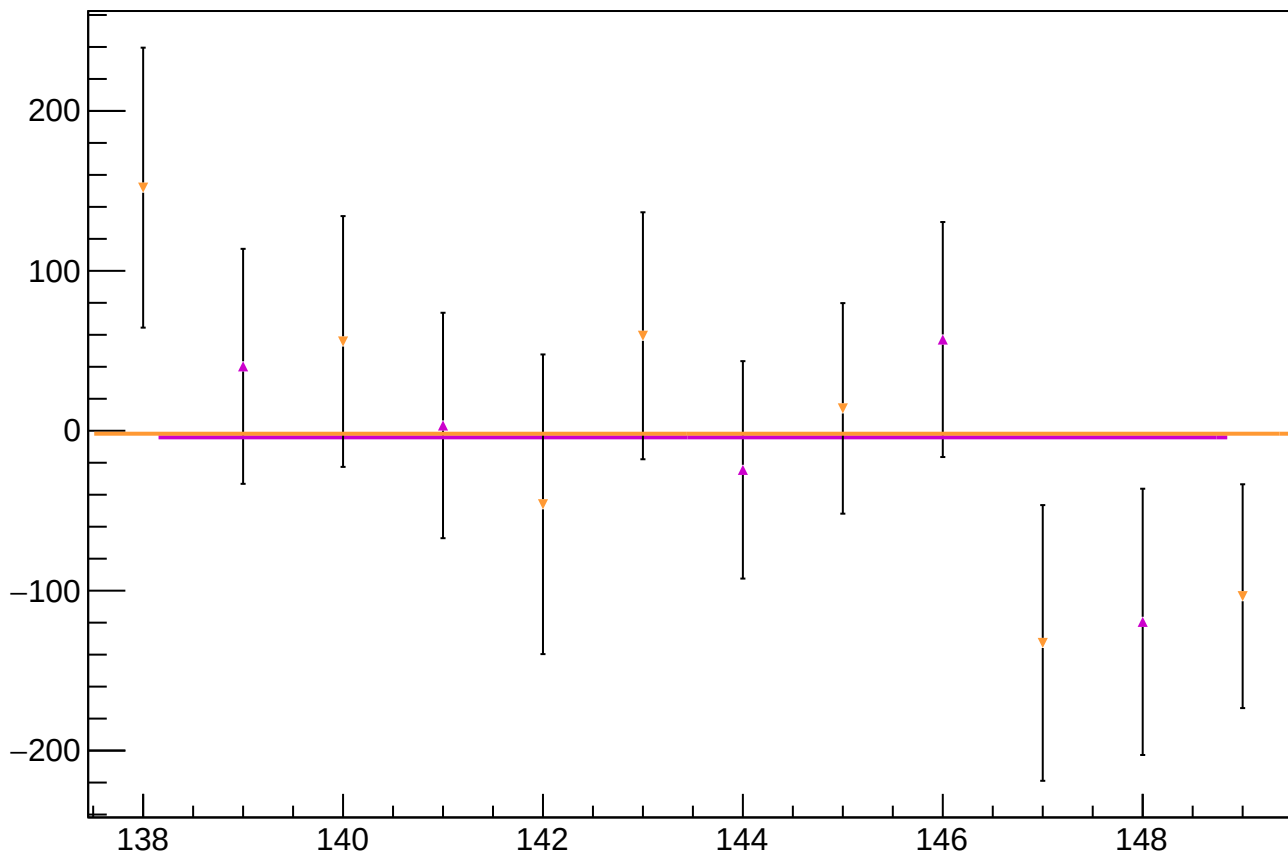
- sign 166.697 ± 66.724 $\chi^2/\text{NDF}: 16.2/23$

asym_sam8_rms vs Slug



Right In: 200.971 $\pm$ 0.064 χ^2 /NDF: 3436154.0/16 + sign 220.129 $\pm$ 0.050 χ^2 /NDF: 3895766.8/23
 Left Out: 250.675 $\pm$ 0.081 χ^2 /NDF: 226326.8/6 All: 207.110 $\pm$ 0.034 χ^2 /NDF: 9120051.2/47
 Right Out: 171.794 $\pm$ 0.054 χ^2 /NDF: 4092634.7/18 - sign 195.556 $\pm$ 0.047 χ^2 /NDF: 5096747.9/23
 Left In: 267.917 $\pm$ 0.095 χ^2 /NDF: 231673.0/4

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: -1.845+/-29.564 χ^2/NDF : 9.0/6

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

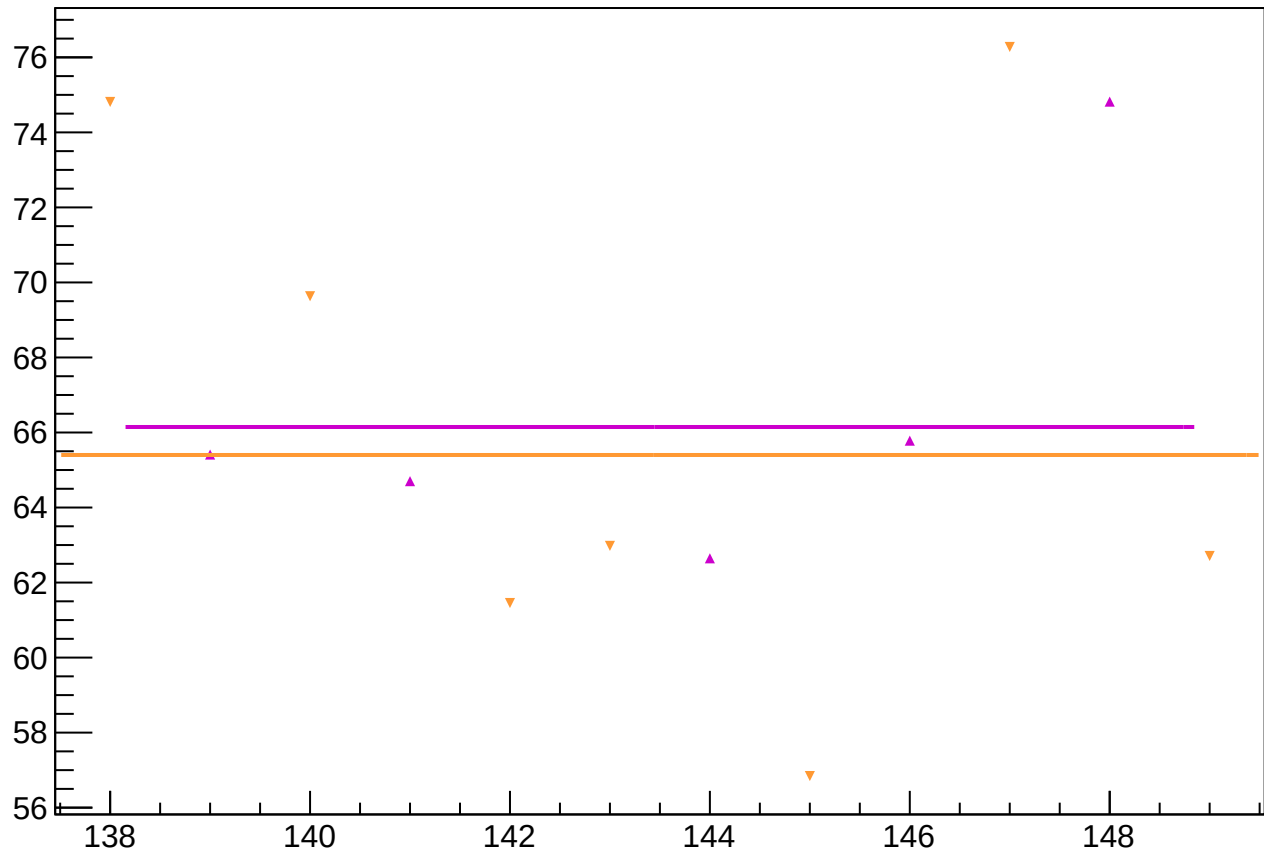
Left In: -4.121+/-32.750 χ^2/NDF : 3.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.867+/-21.945 χ^2/NDF : 12.0/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.401+/-0.021 χ^2/NDF :103042.2/6

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

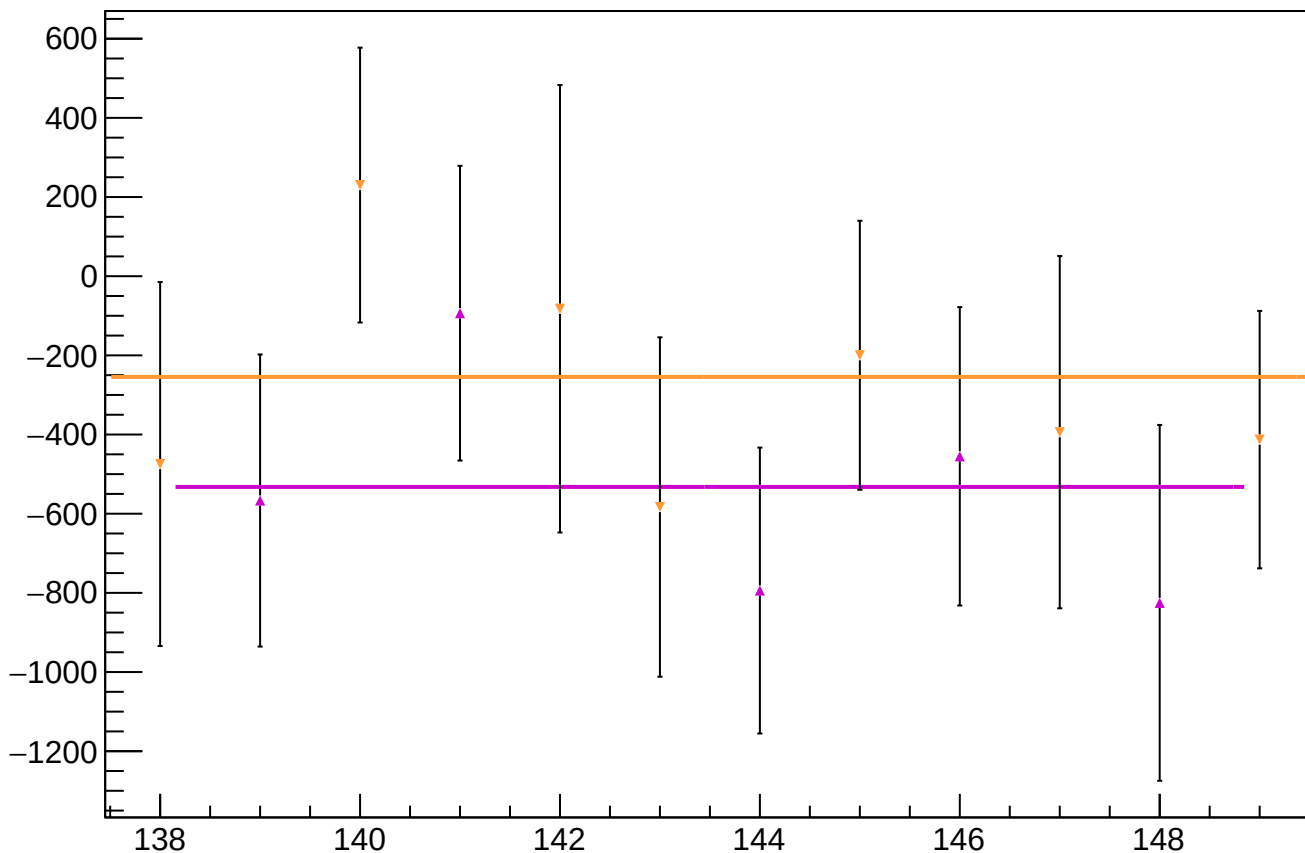
Left In: 66.147+/-0.023 χ^2/NDF :28096.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.736+/-0.016 χ^2/NDF : 131710.4/11

- 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: -254.406+/-149.462 χ^2/NDF : 3.2/6

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

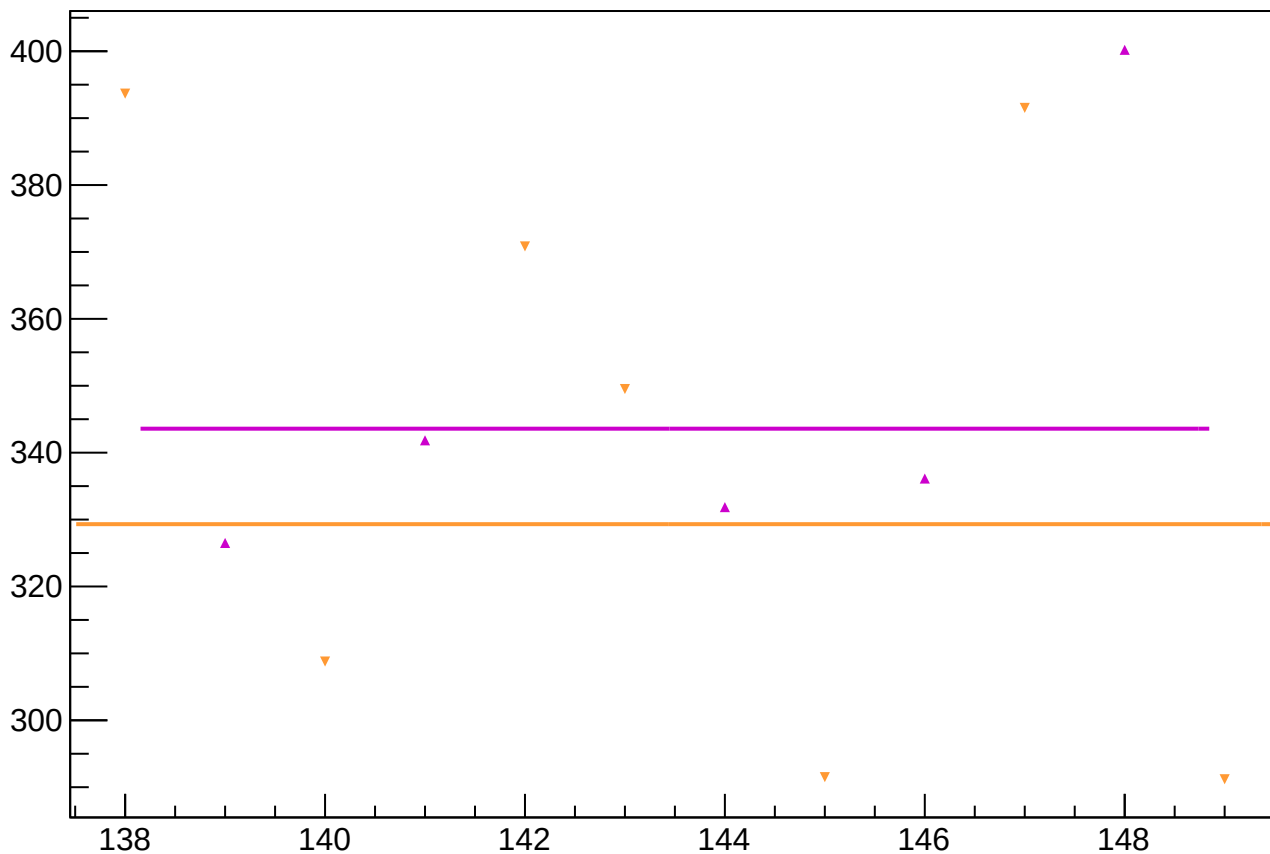
Left In: -532.277+/-170.953 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -374.788+/-112.521 χ^2/NDF : 7.1/11

- 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: 329.314+/-0.106 χ^2/NDF :152753.4/6

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

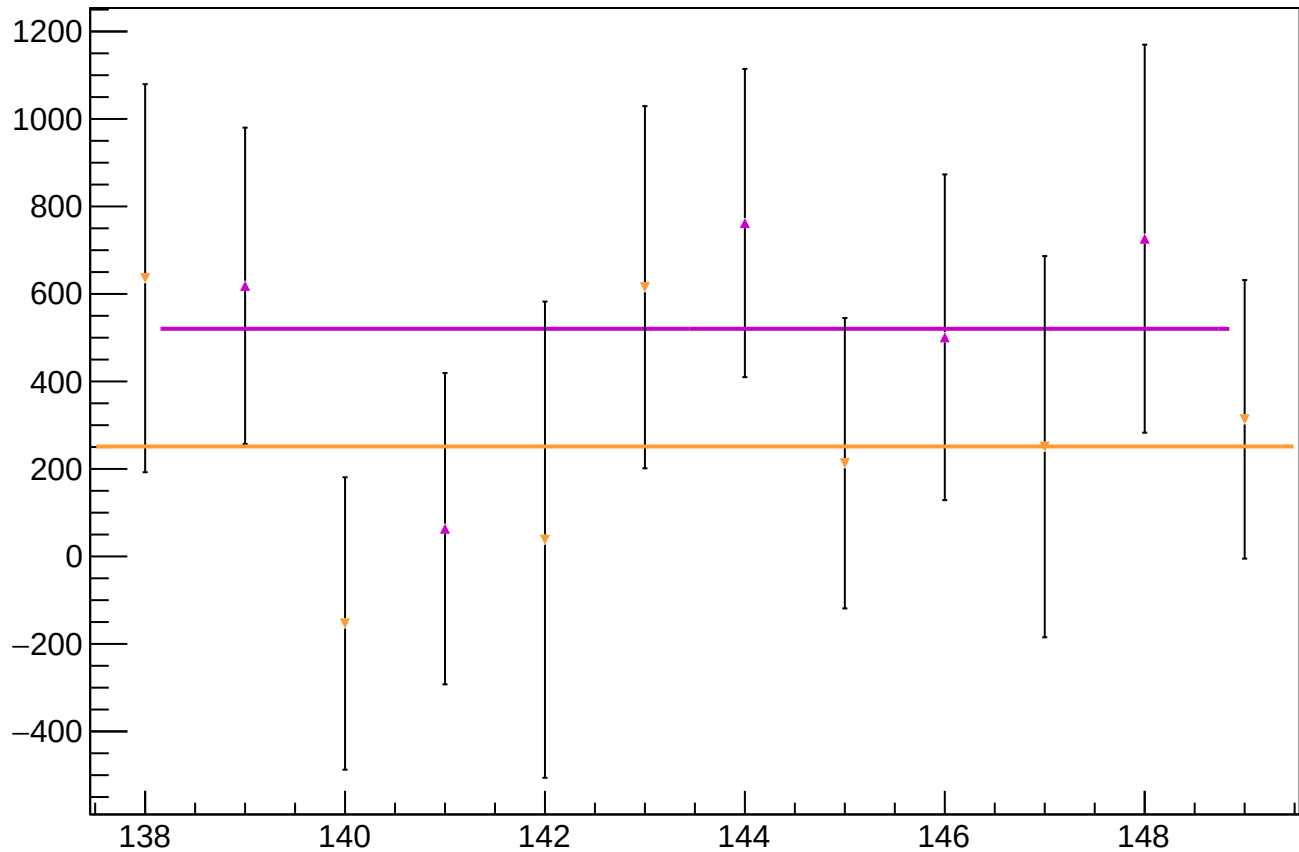
Left In: 343.585+/-0.121 χ^2/NDF :38962.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.496+/-0.080 χ^2/NDF : 199614.9/11

- 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: 251.339+/-145.170 χ^2/NDF : 3.2/6

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

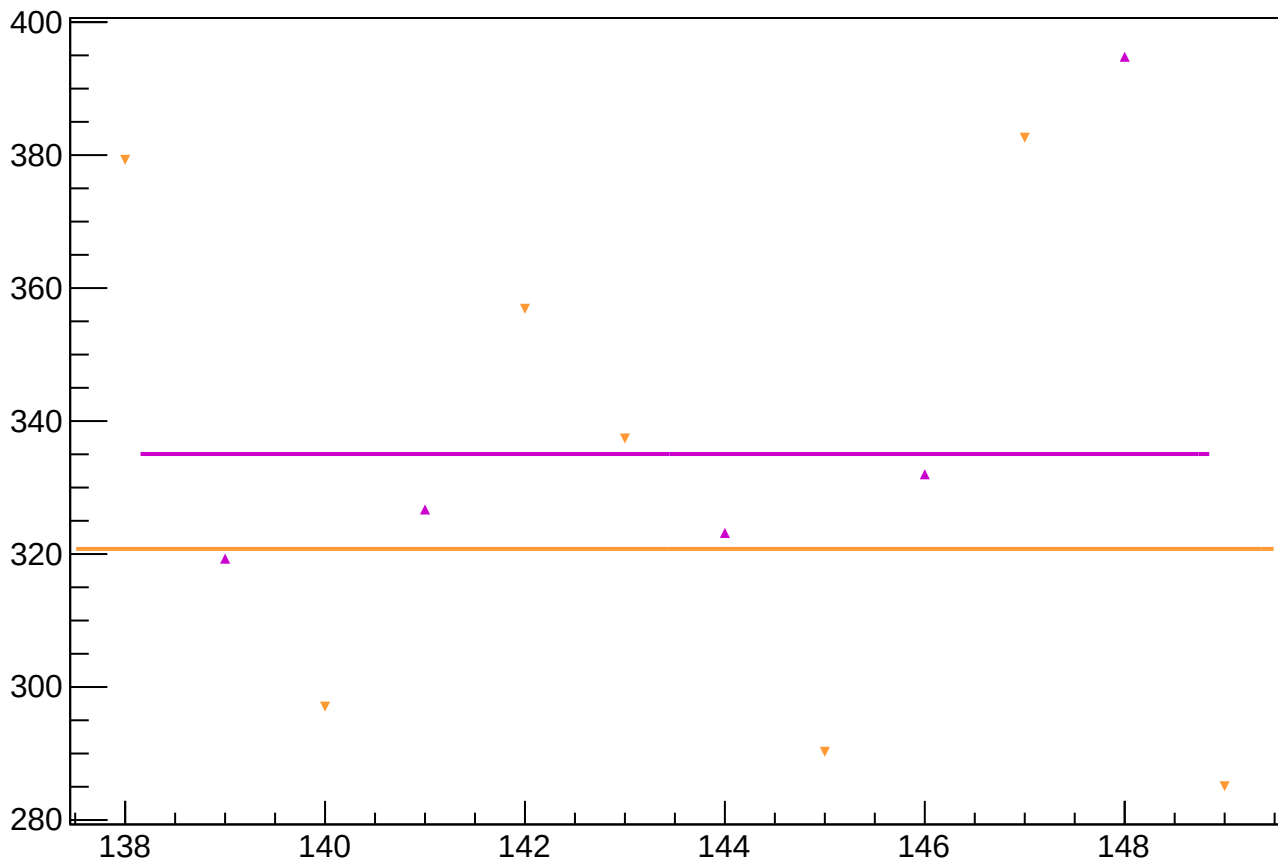
Left In: 520.331+/-166.882 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.209+/-109.528 χ^2/NDF : 7.1/11

- 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: 320.777+/-0.103 χ^2/NDF :139233.1/6

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

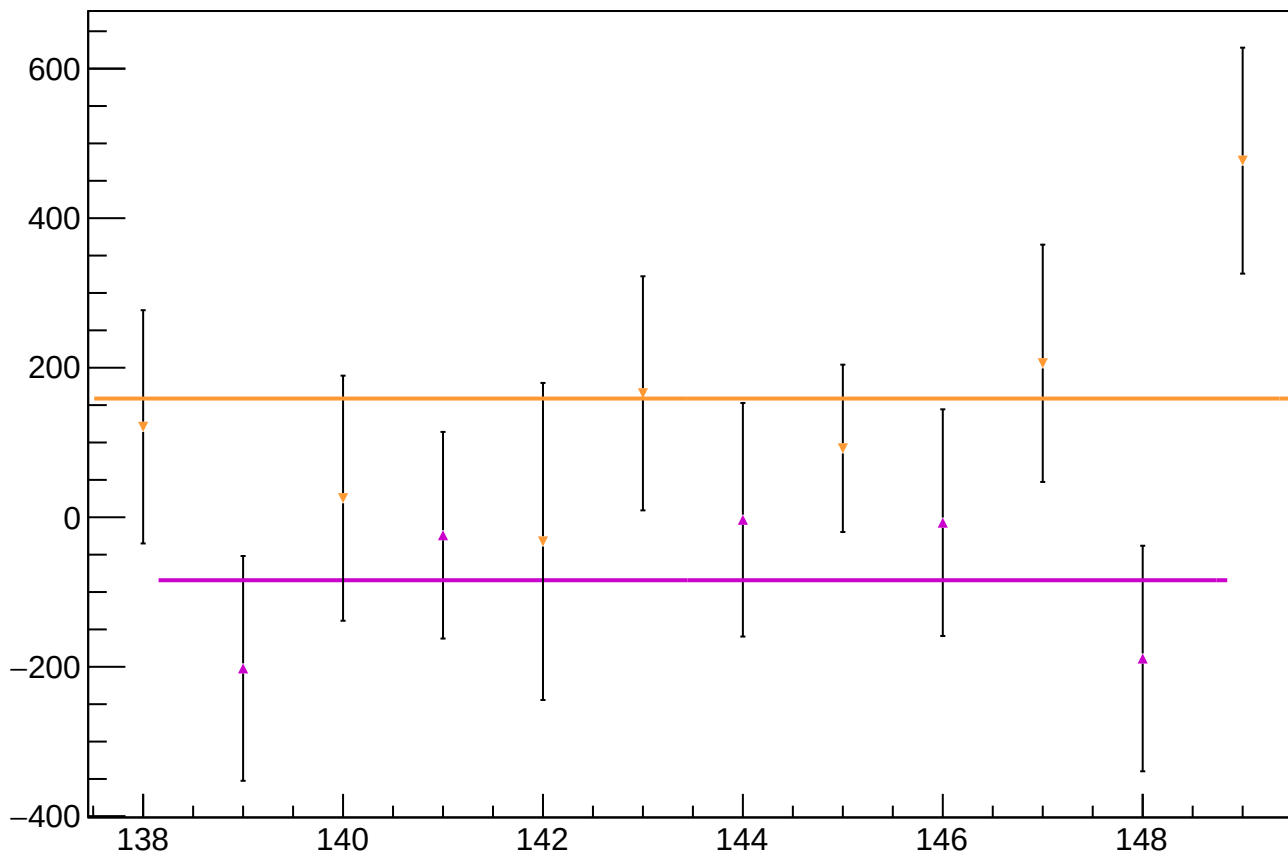
Left In: 335.043+/-0.118 χ^2/NDF :43587.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.922+/-0.077 χ^2/NDF : 191140.7/11

- 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: 158.793+/-57.283 χ^2/NDF : 6.4/6

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

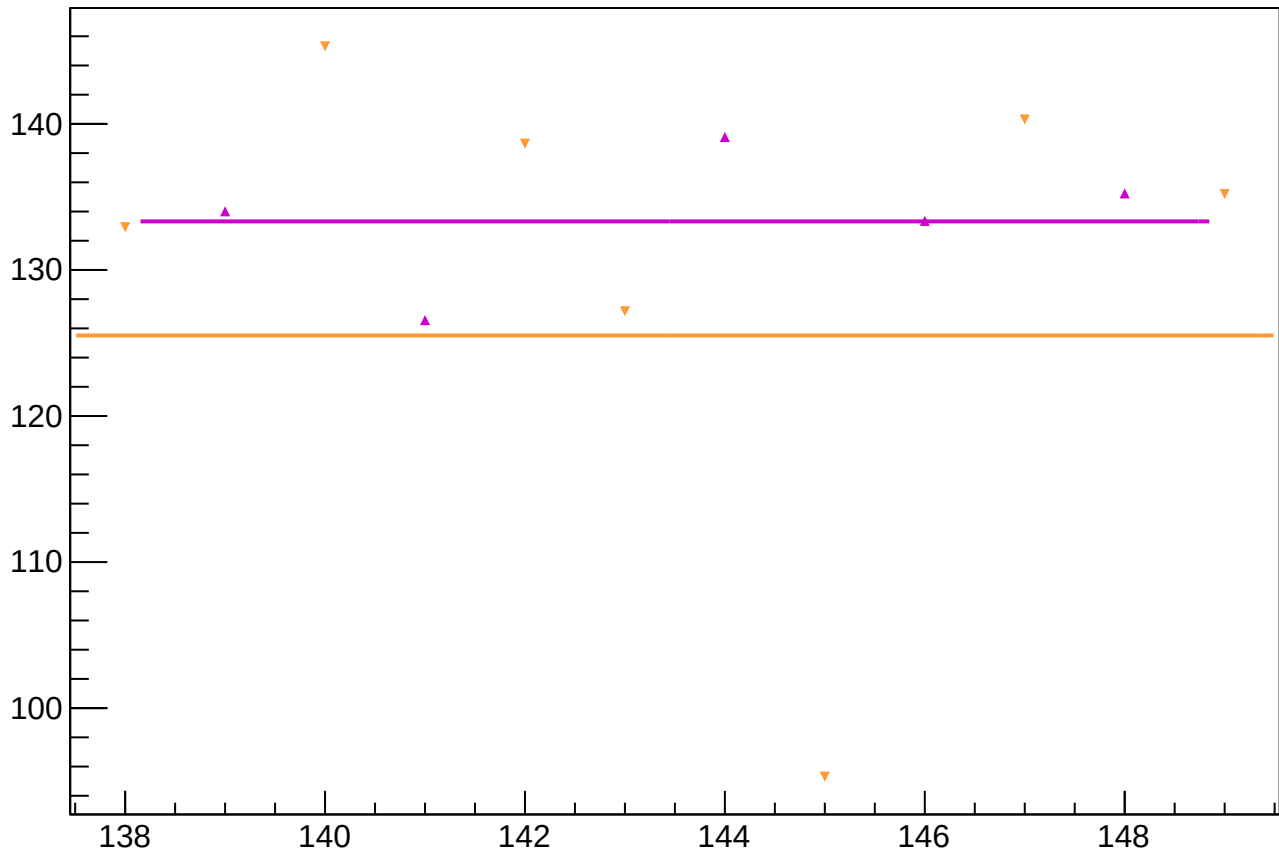
Left In: -84.221+/-66.656 χ^2/NDF : 1.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.560+/-43.444 χ^2/NDF : 15.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 125.516+/-0.041 χ^2/NDF : 212872.1/6

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

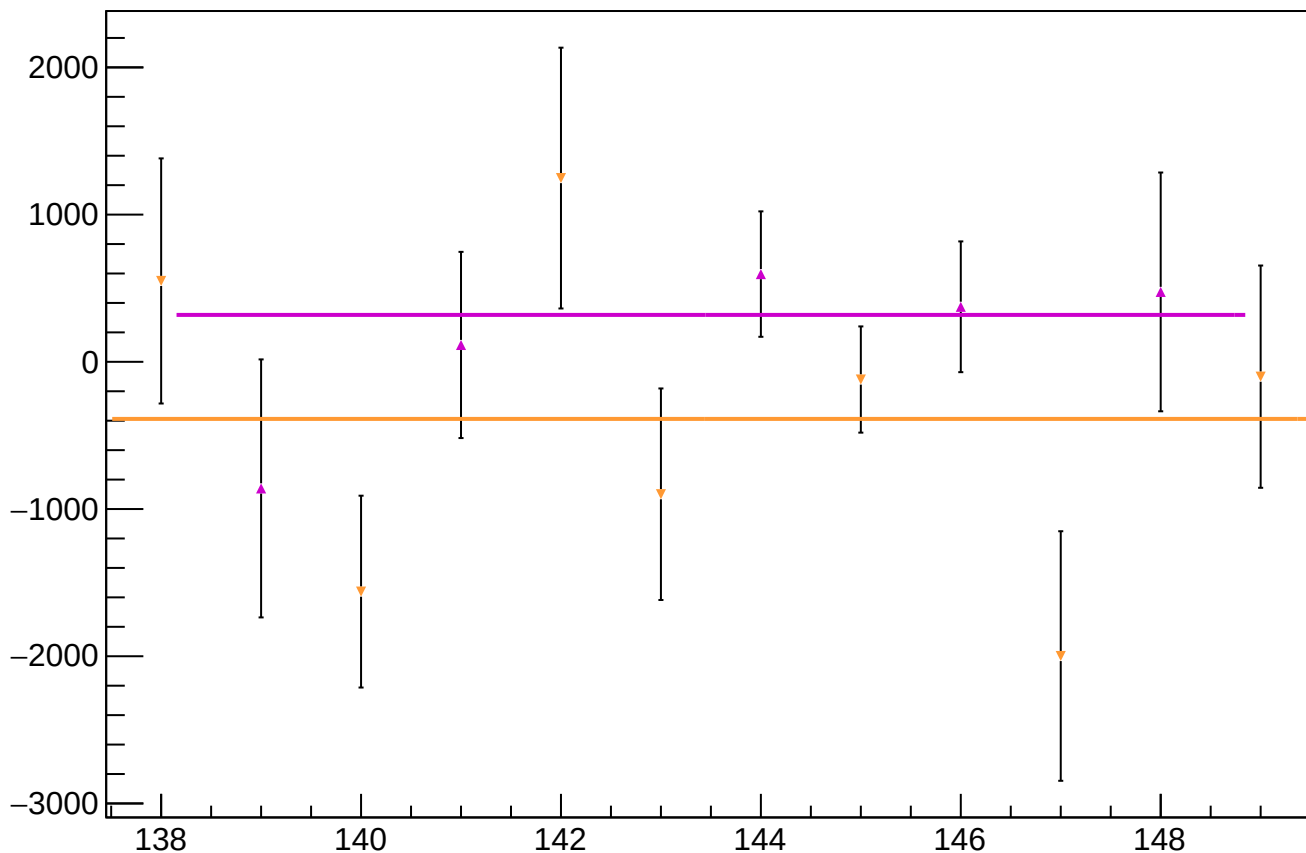
Left In: 133.324+/-0.047 χ^2/NDF : 7884.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.833+/-0.031 χ^2/NDF : 236544.5/11

- 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: -387.791+/-236.751 χ^2/NDF : 12.7/6

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

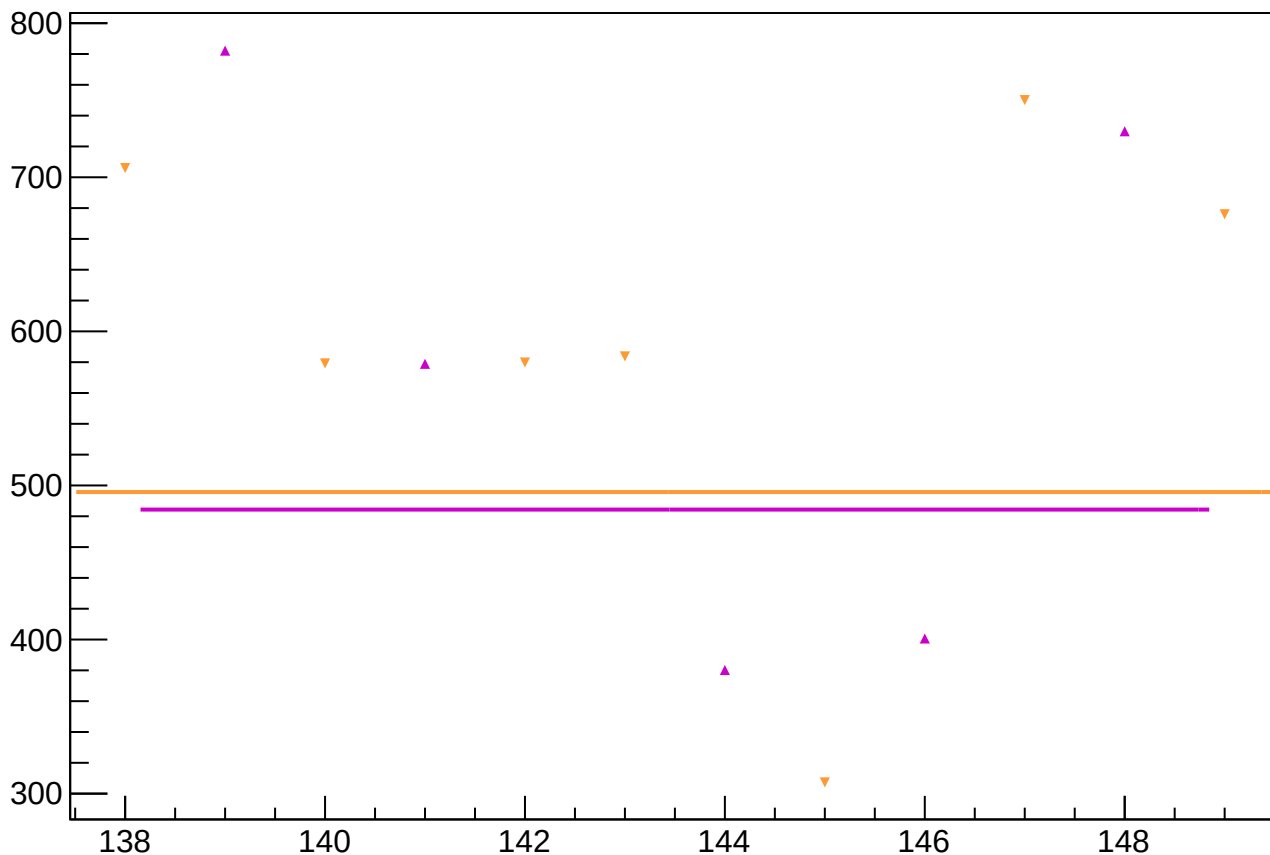
Left In: 318.676+/-250.771 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.858+/-172.151 χ^2/NDF : 19.3/11

- 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: 495.724+/-0.167 χ^2/NDF : 1048332.7/6

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

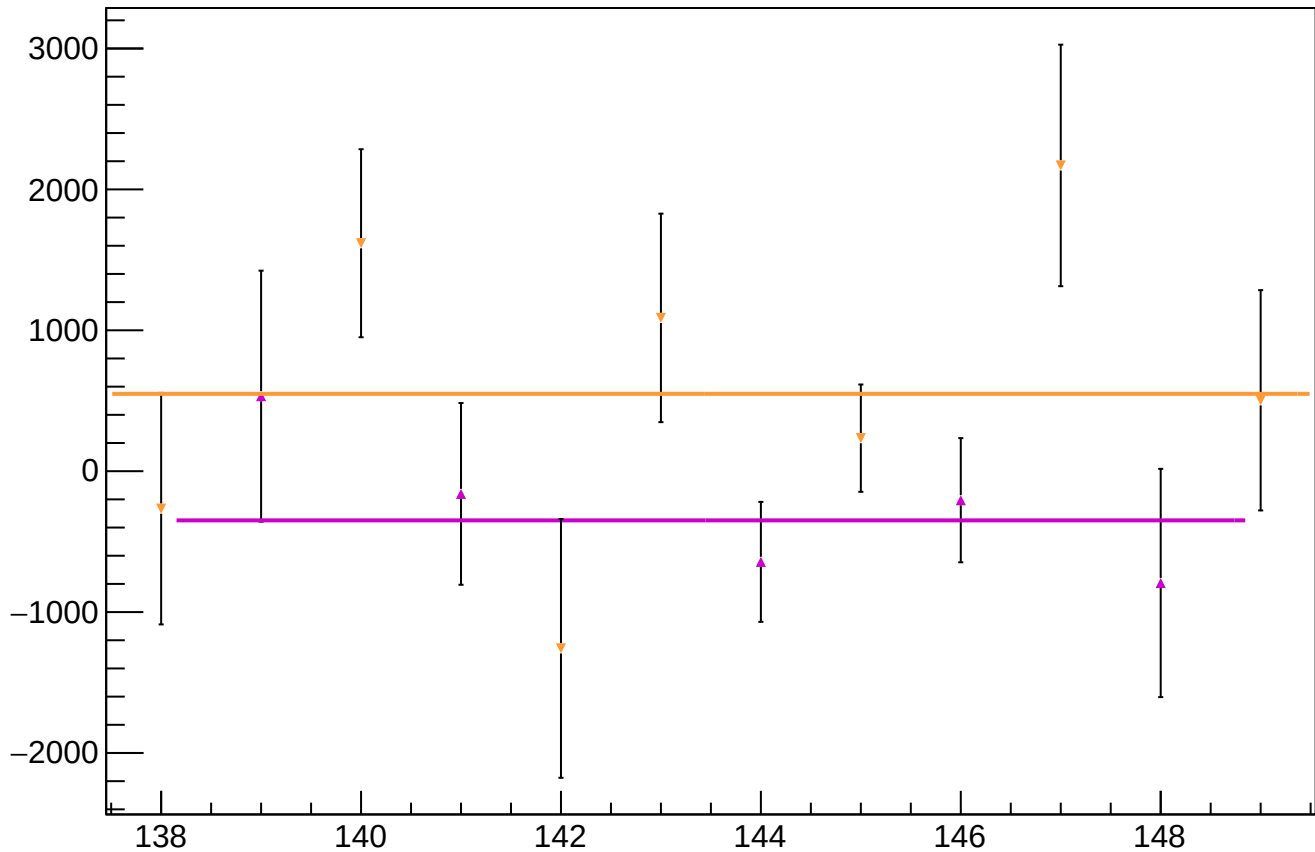
Left In: 484.347+/-0.177 χ^2/NDF : 649478.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.362+/-0.122 χ^2/NDF : 1699987.6/11

- 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: 548.917+/-245.207 χ^2/NDF :12.2/6

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

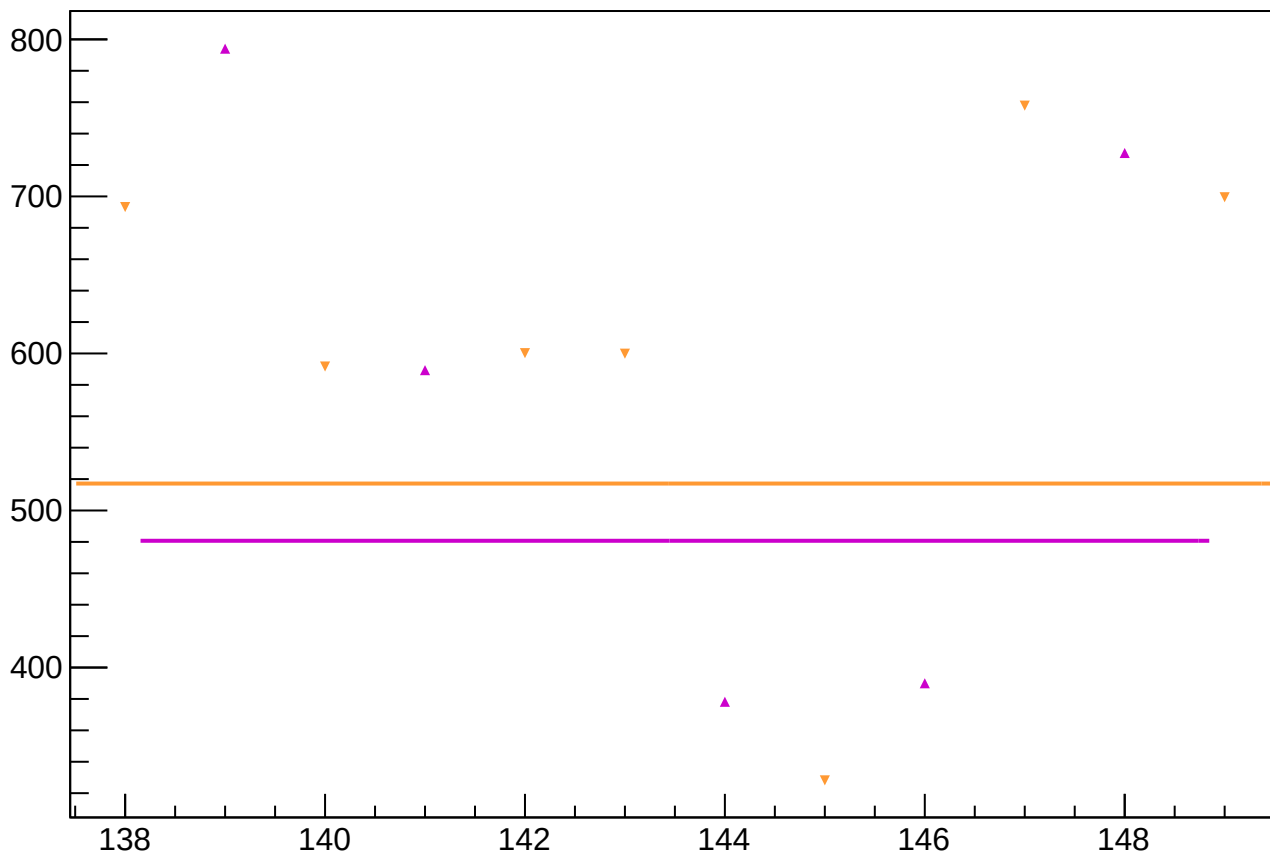
Left In: -349.060+/-251.143 χ^2/NDF :1.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.666+/-175.449 χ^2/NDF : 20.7/11

- 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: 517.161+/-0.173 χ^2/NDF : 917212.4/6

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

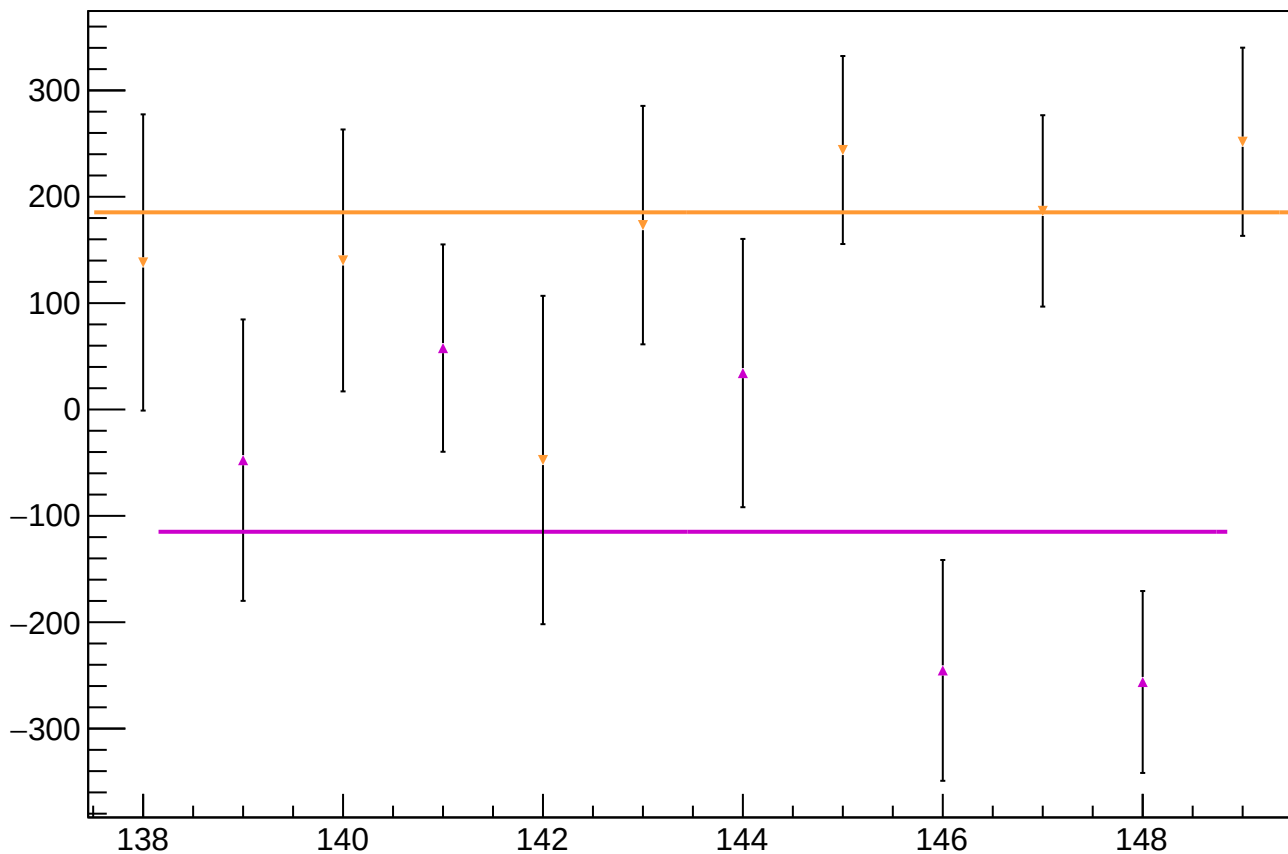
Left In: 480.718+/-0.178 χ^2/NDF : 691003.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.375+/-0.124 χ^2/NDF : 1629775.2/11

- 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: 185.365 $\pm$ 40.211 χ^2 /NDF:3.5/6

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

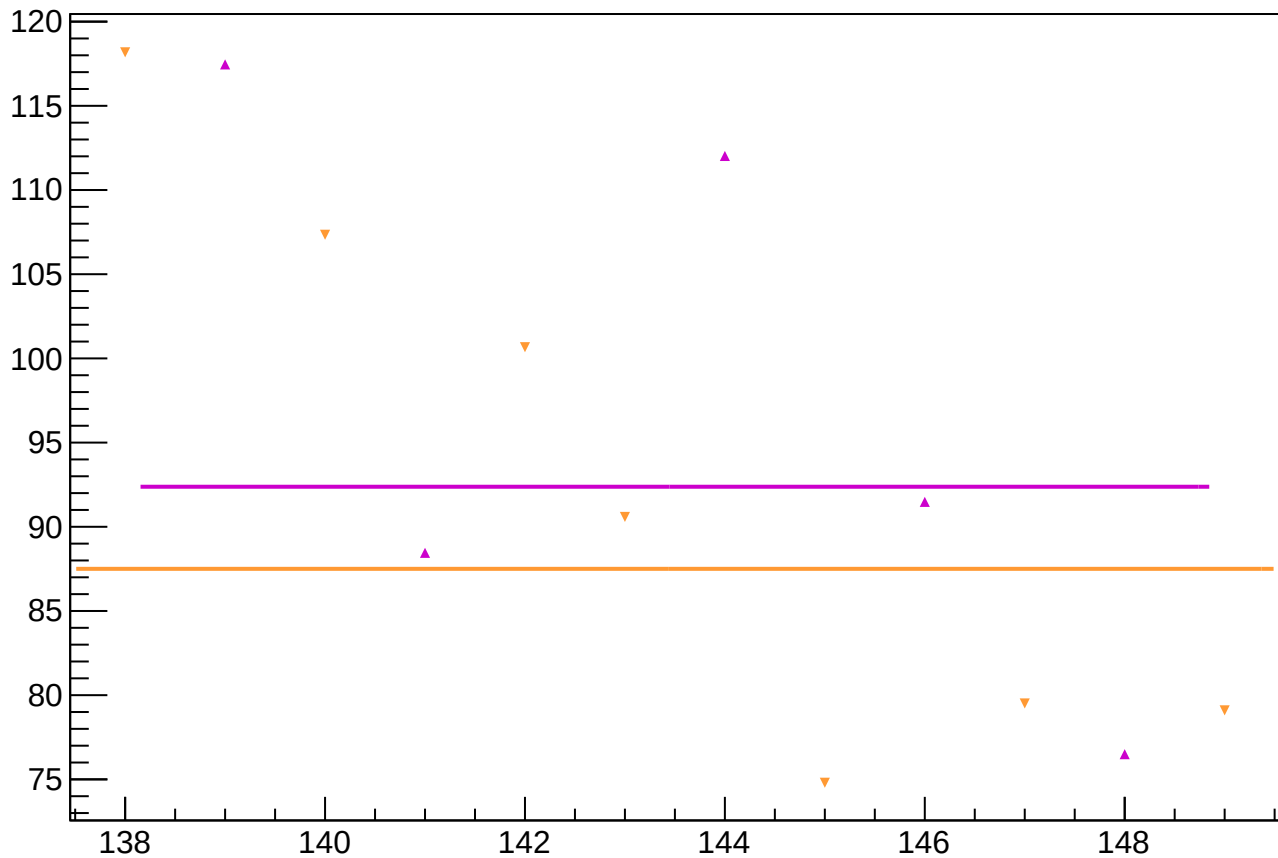
Left In: -114.965 $\pm$ 46.890 χ^2 /NDF:9.1/4

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

All: 58.092 $\pm$ 30.524 χ^2 /NDF: 36.3/11

- 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: 87.503+/-0.028 χ^2/NDF :240193.4/6

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

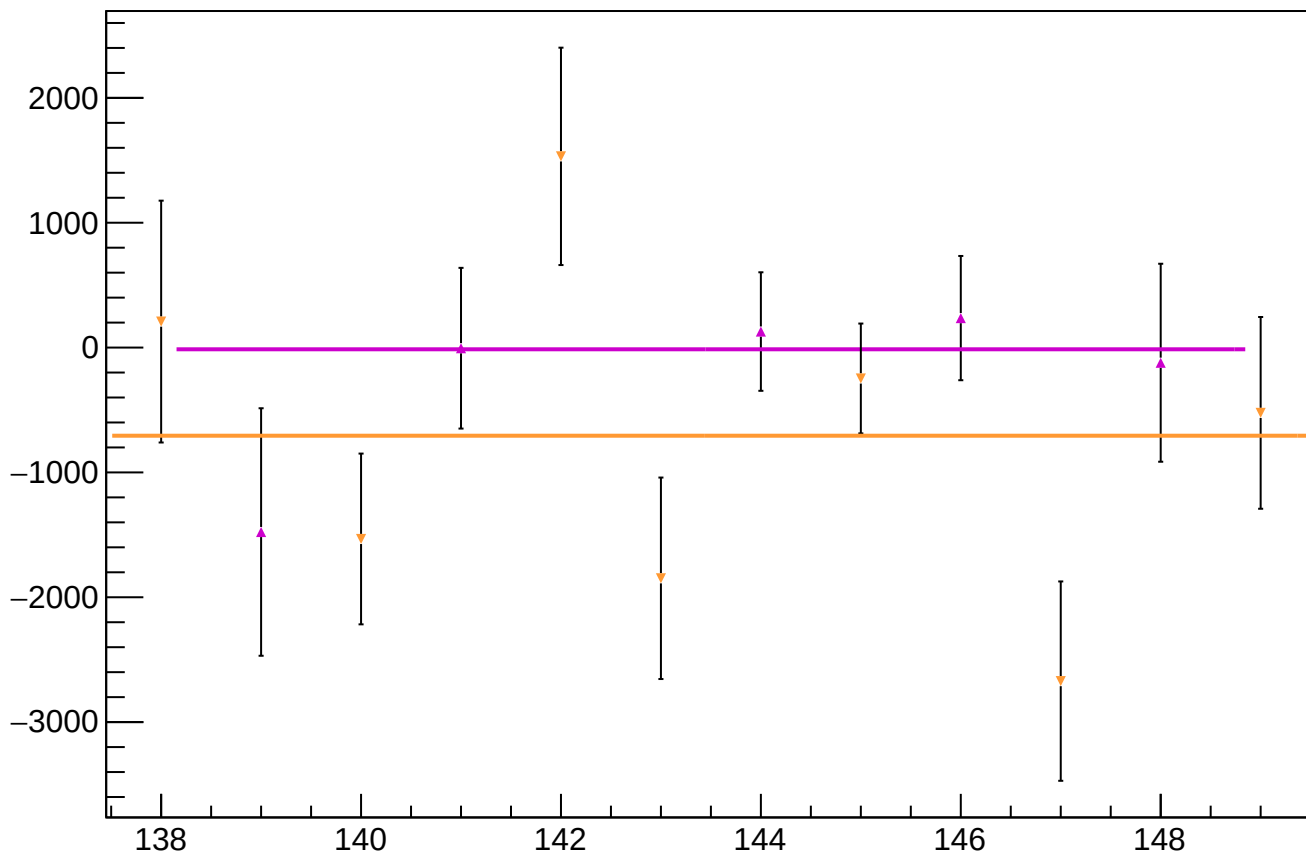
Left In: 92.379+/-0.033 χ^2/NDF :192797.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.569+/-0.022 χ^2/NDF : 445450.5/11

- 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: -706.025+/-262.700 χ^2/NDF : 18.2/6

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

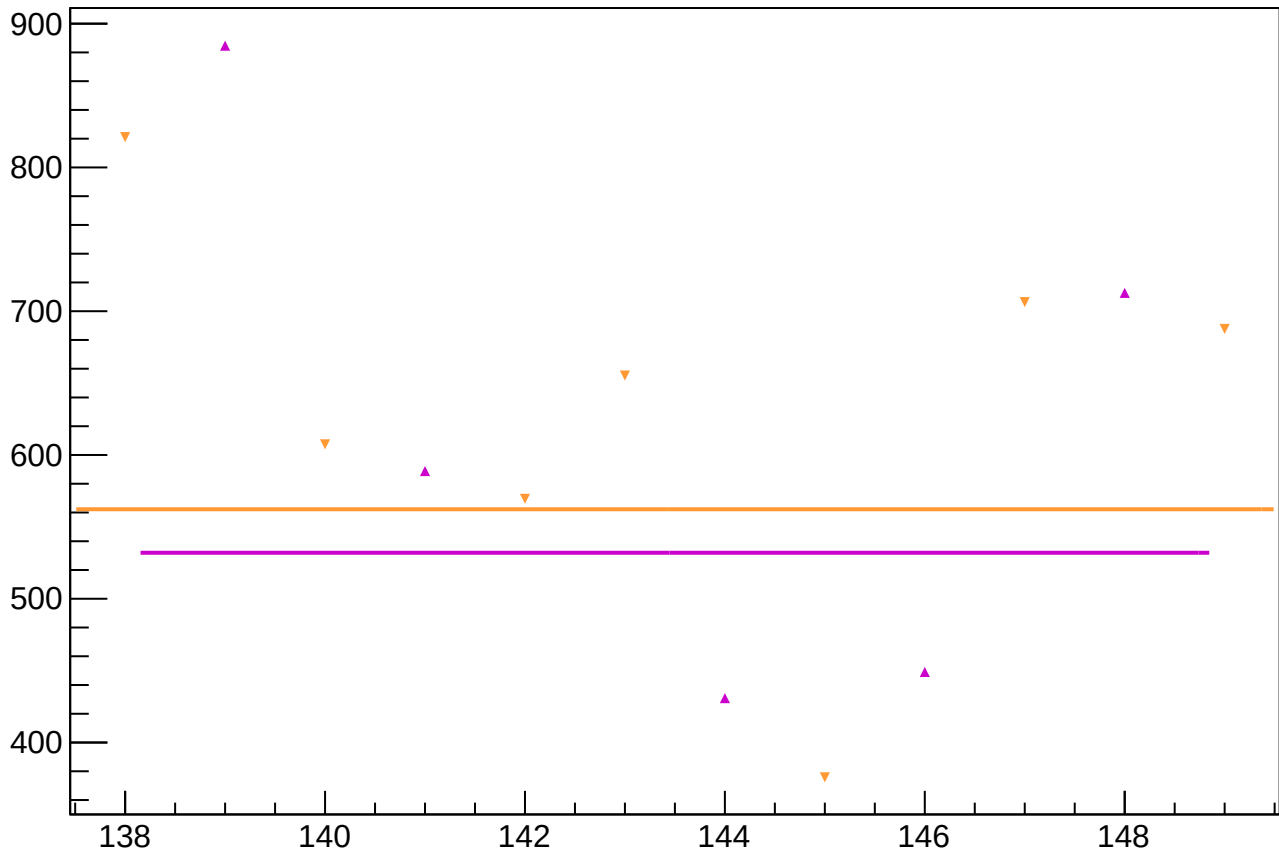
Left In: -13.810+/-272.190 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.196+/-189.023 χ^2/NDF : 24.1/11

- 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: 562.252+/-0.186 χ^2/NDF : 656093.5/6

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

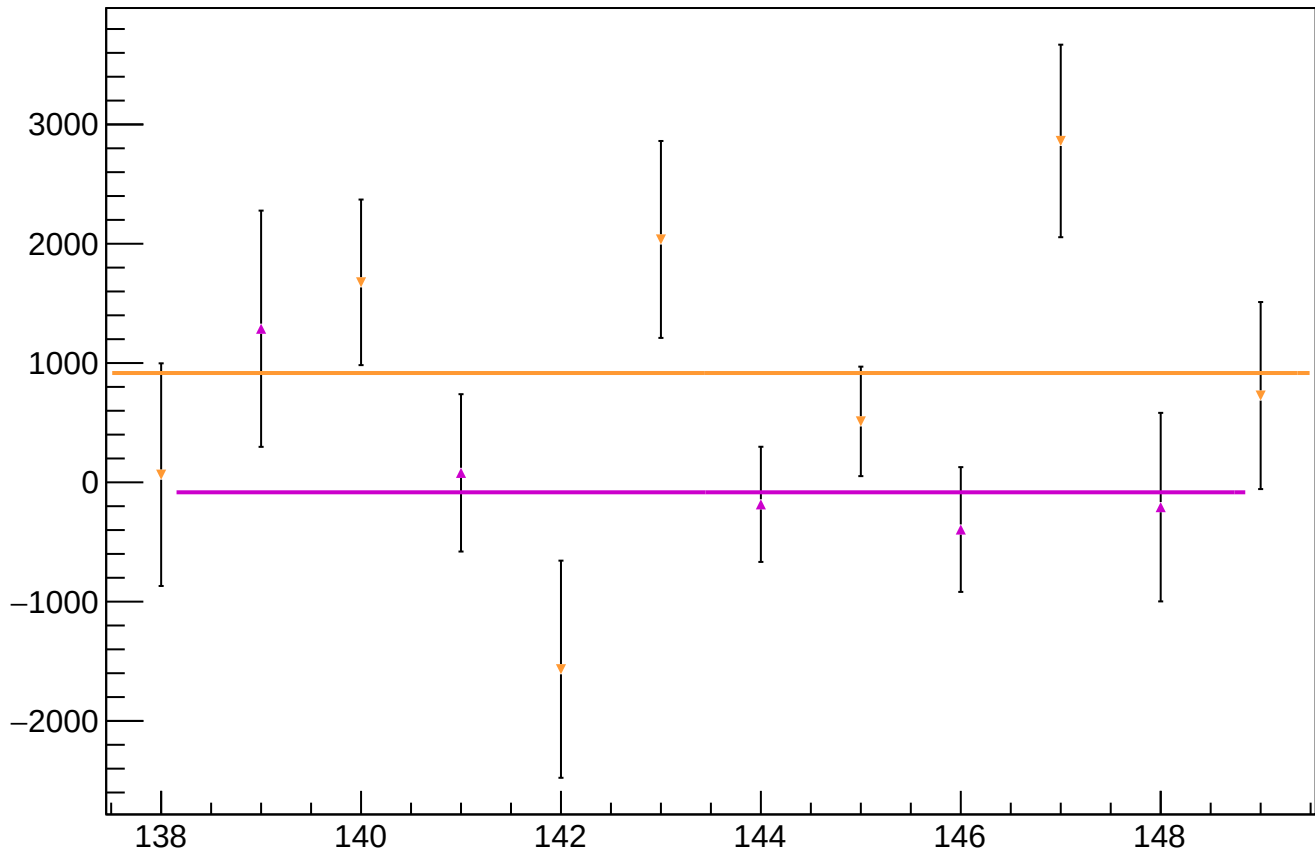
Left In: 531.995+/-0.192 χ^2/NDF : 519007.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.660+/-0.134 χ^2/NDF : 1187896.3/11

- 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: 916.396+/-269.071 χ^2/NDF : 18.0/6

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

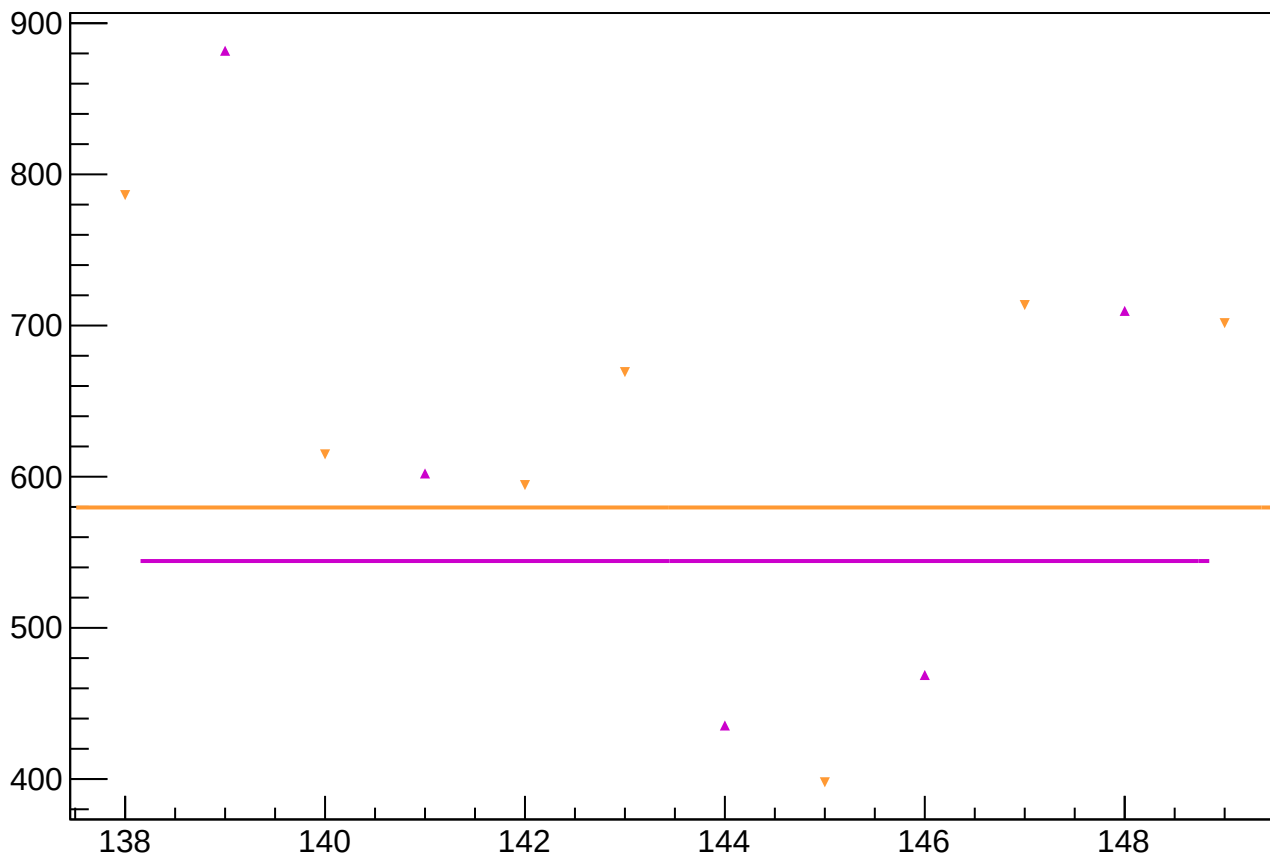
Left In: -83.518+/-278.748 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.095+/-193.593 χ^2/NDF : 27.0/11

- 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: 579.644+/-0.190 χ^2/NDF : 544649.4/6

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

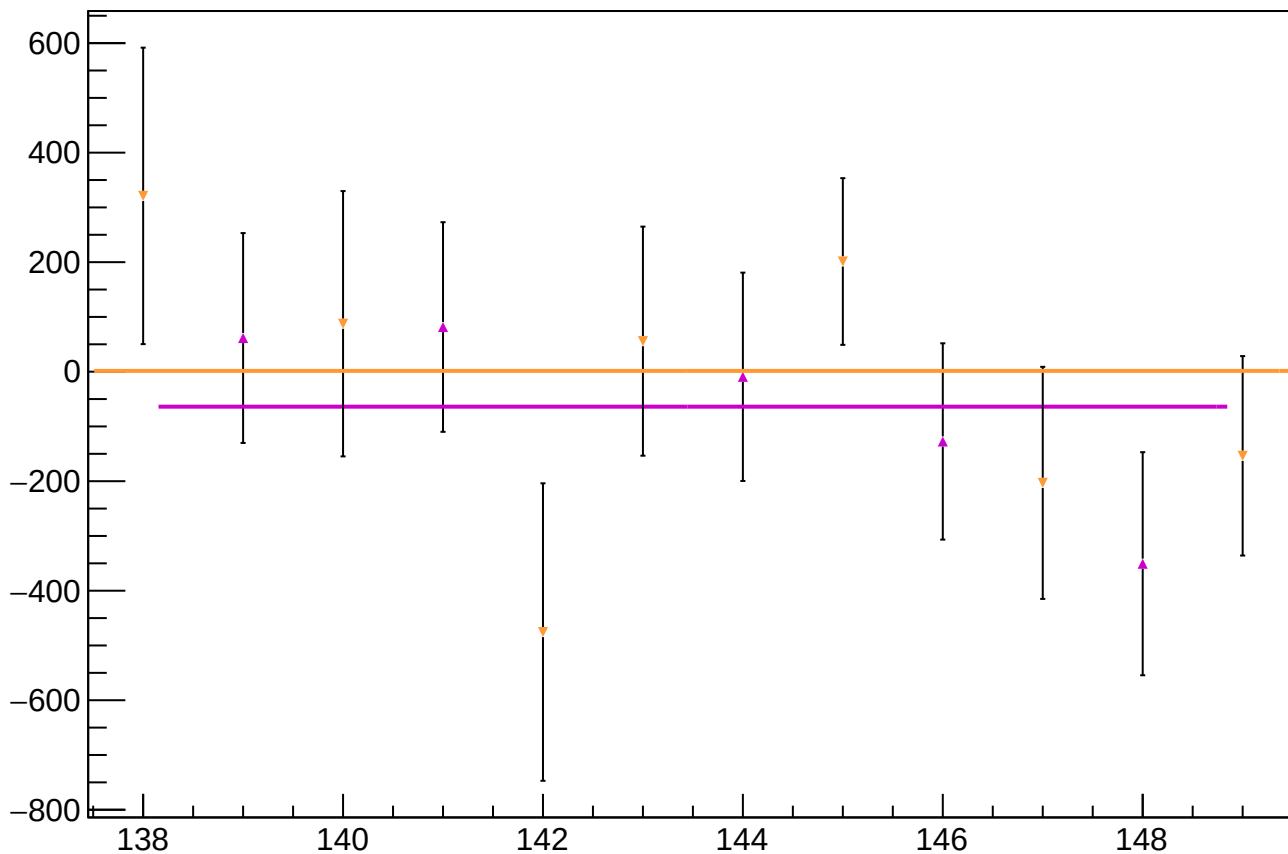
Left In: 544.217+/-0.197 χ^2/NDF : 478781.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.556+/-0.137 χ^2/NDF : 1040154.6/11

- 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: 1.438+/-78.406 χ^2/NDF : 8.0/6

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

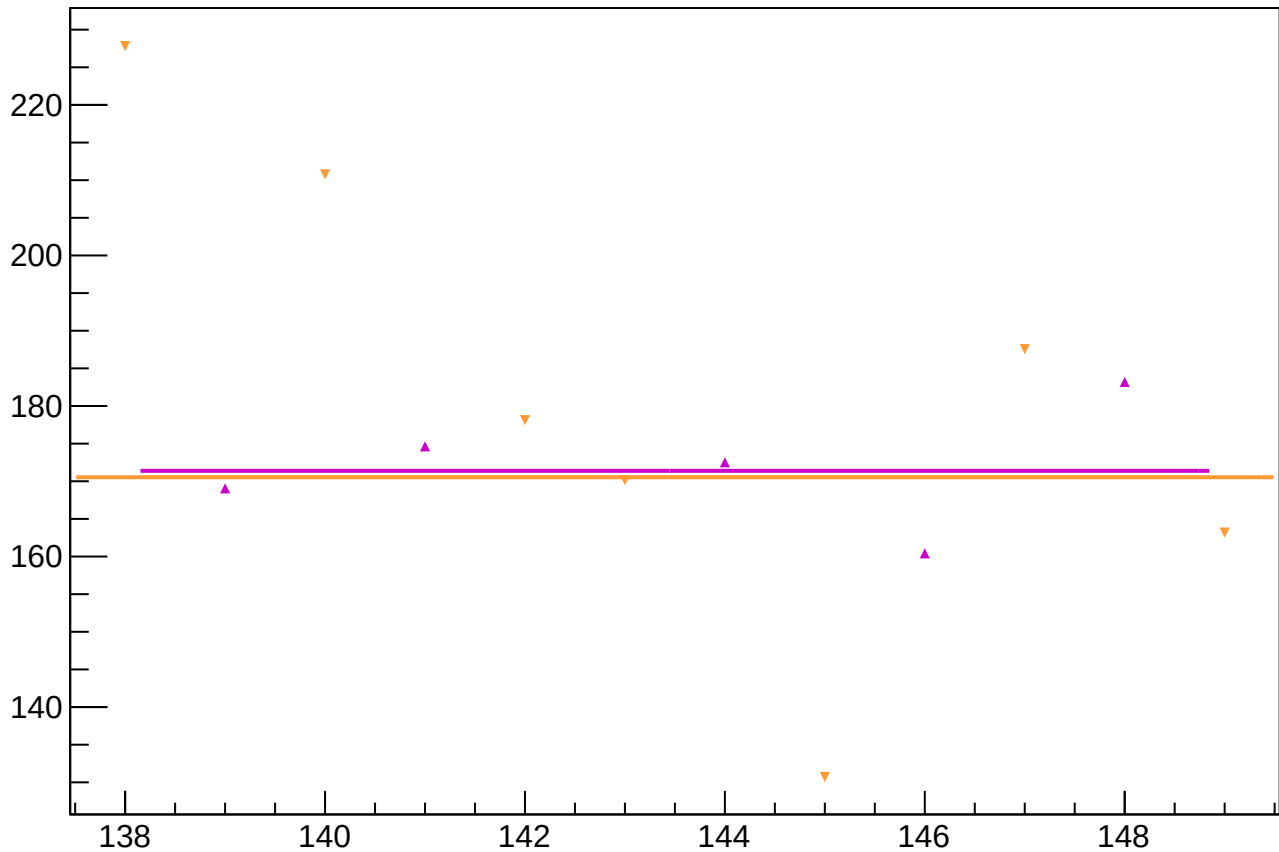
Left In: -63.873+/-85.314 χ^2/NDF : 3.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.466+/-57.730 χ^2/NDF : 11.6/11

- 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: 170.532+/-0.055 χ^2/NDF : 299335.8/6

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

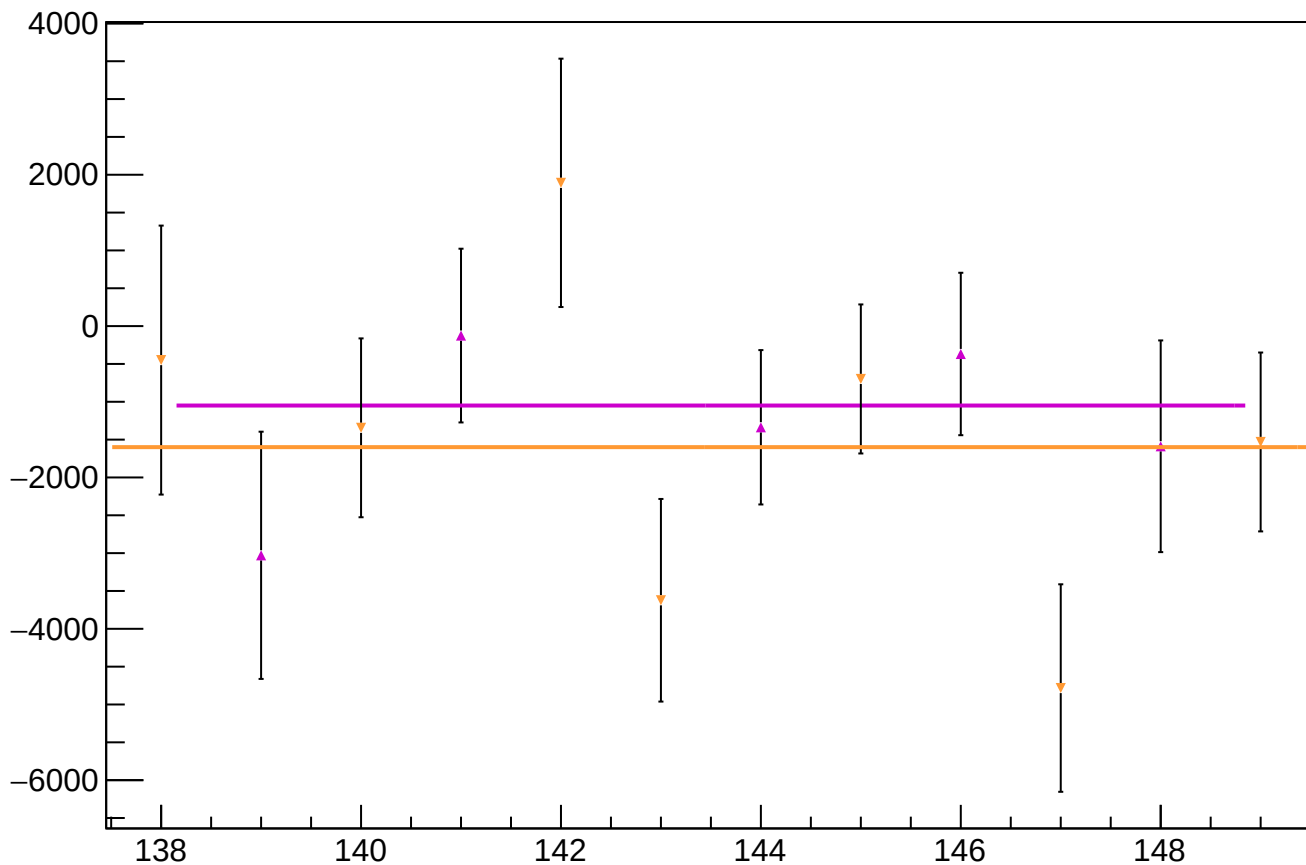
Left In: 171.386+/-0.060 χ^2/NDF : 15142.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.923+/-0.041 χ^2/NDF : 314587.3/11

- 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: -1599.480+/-485.556 χ^2/NDF :13.5/6

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

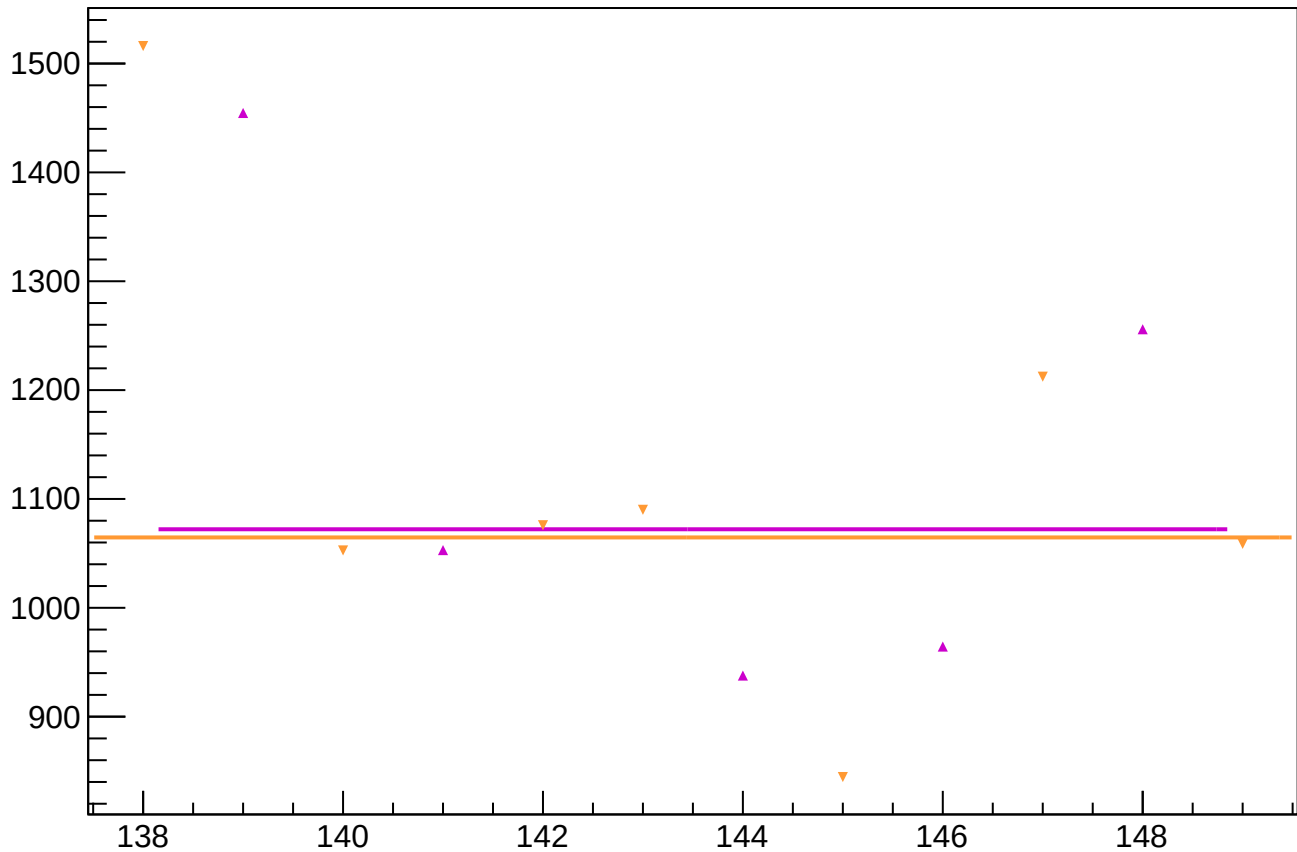
Left In: -1049.655+/-536.462 χ^2/NDF :2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1351.886+/-359.995 χ^2/NDF : 16.8/11

- 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: 1064.649+/-0.343 χ^2/NDF : 253270.5/6

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

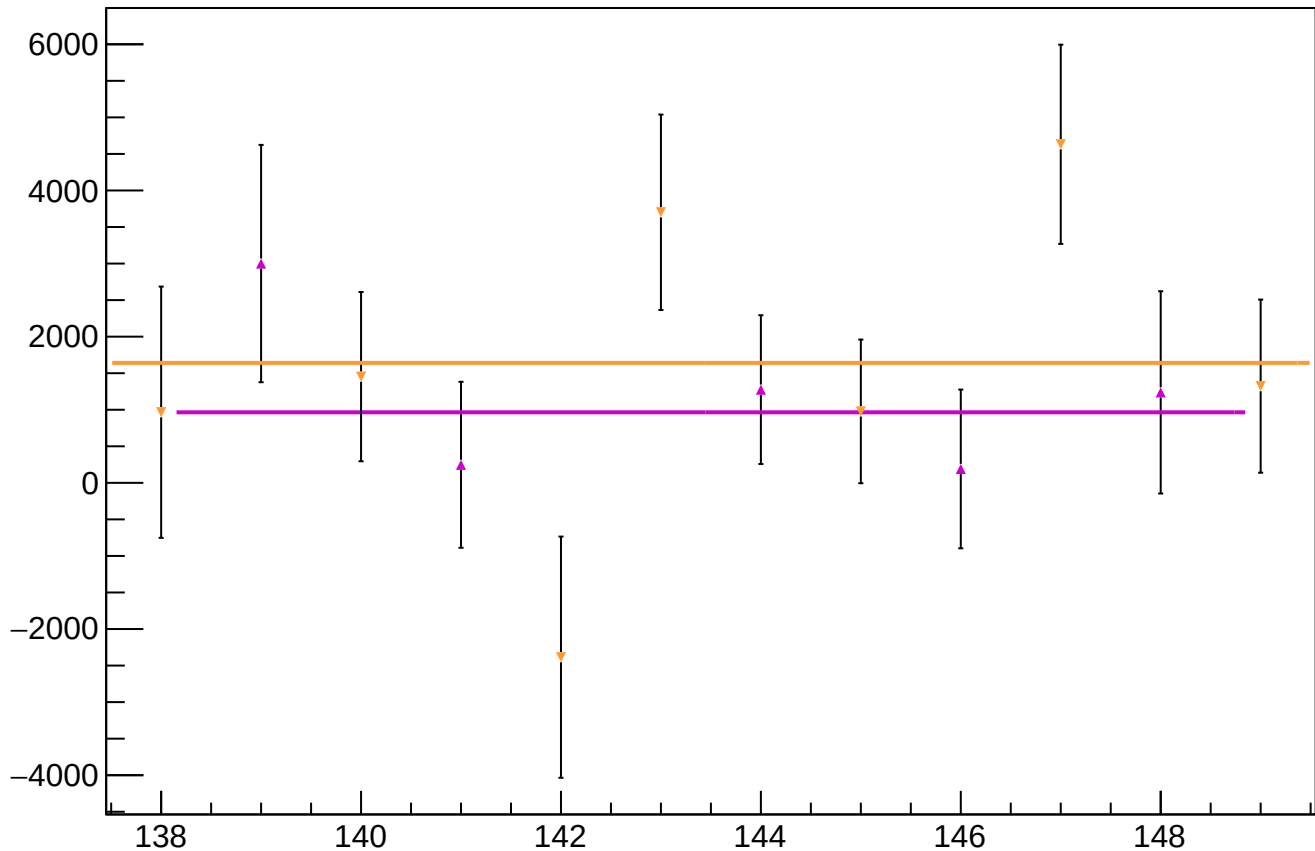
Left In: 1072.152+/-0.379 χ^2/NDF : 199596.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.028+/-0.255 χ^2/NDF : 453081.5/11

- 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: 1641.466+/-482.369 χ^2/NDF :13.9/6

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

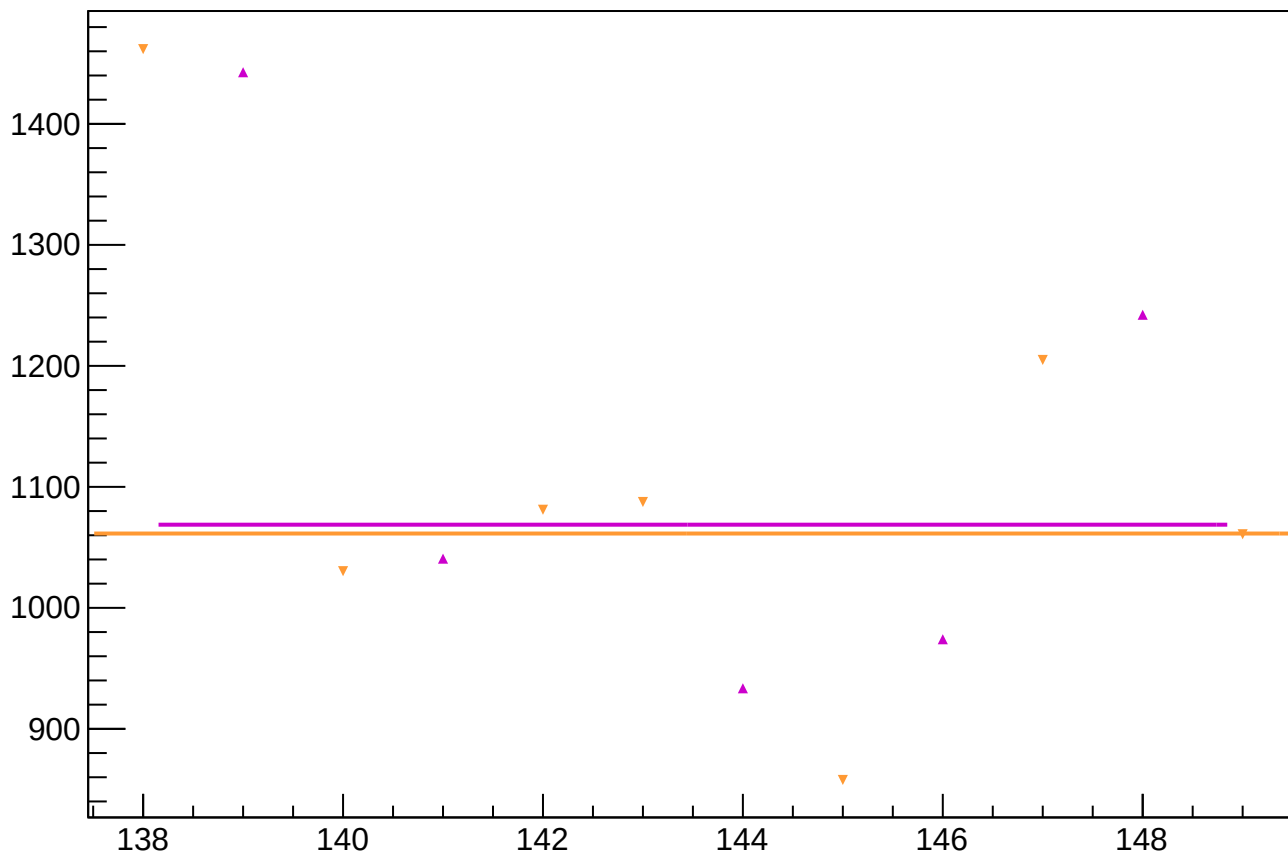
Left In: 964.884+/-535.228 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.226+/-358.321 χ^2/NDF : 17.3/11

- 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: 1061.436+/-0.341 χ^2/NDF : 219031.1/6

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

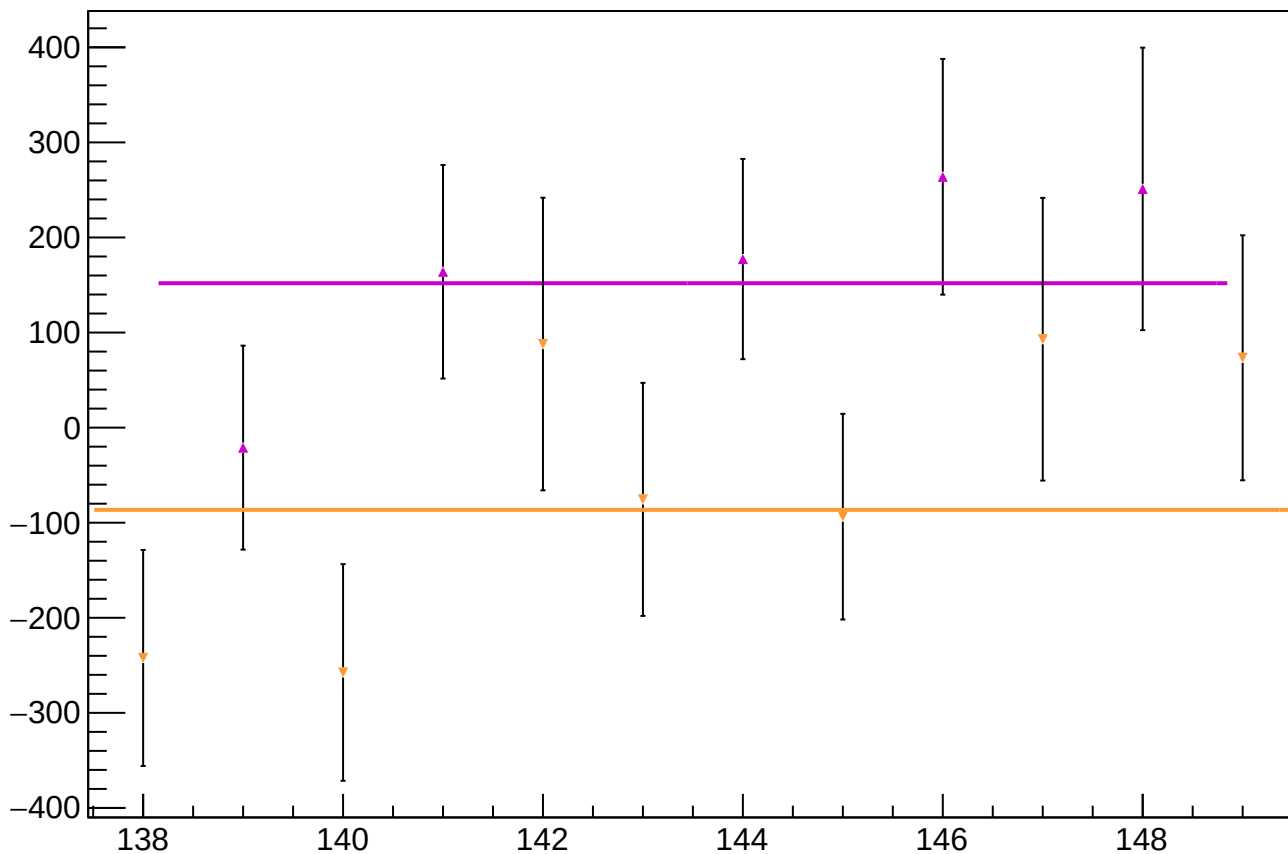
Left In: 1068.740+/-0.378 χ^2/NDF : 189296.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.710+/-0.253 χ^2/NDF : 408533.6/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -86.473+/-46.917 χ^2/NDF : 8.4/6

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

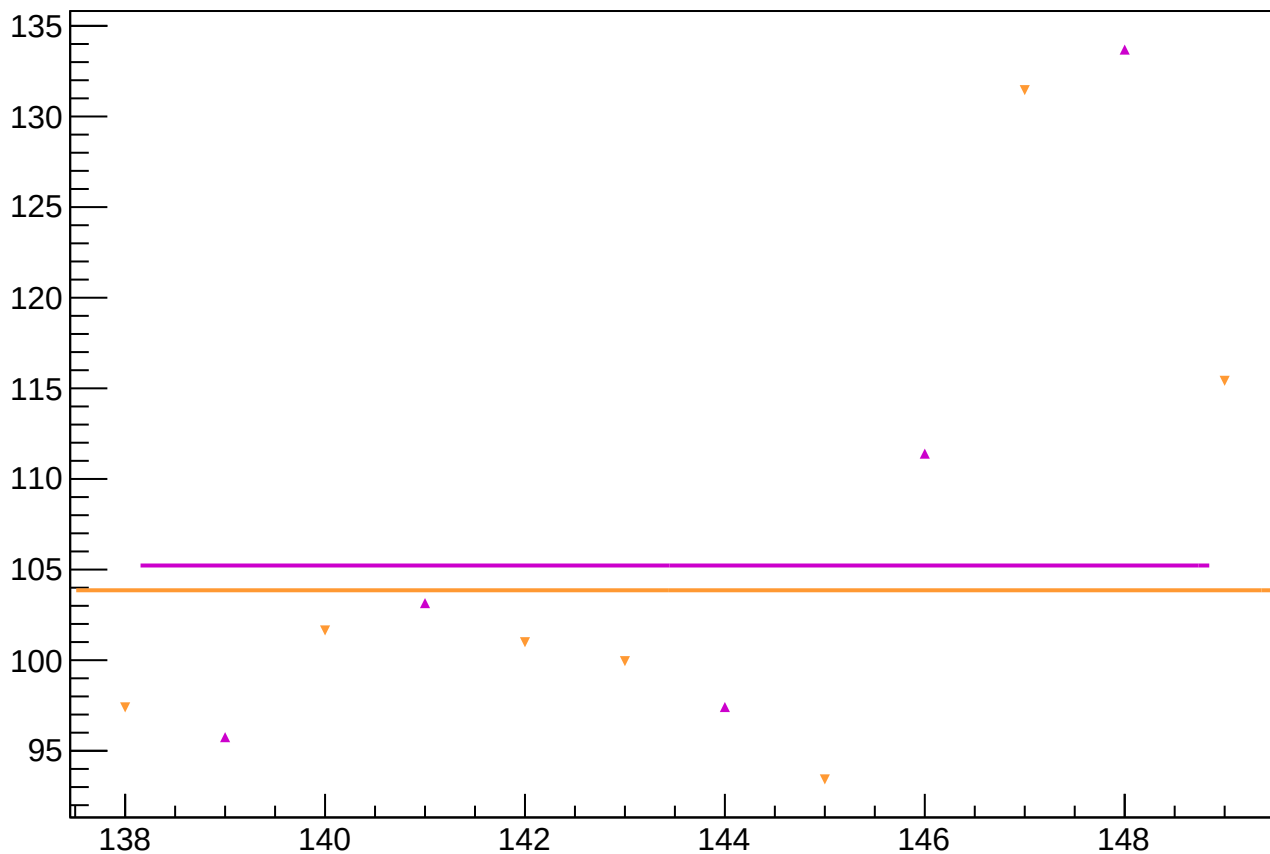
Left In: 151.882+/-52.214 χ^2/NDF : 3.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.006+/-34.898 χ^2/NDF : 23.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 103.857+/-0.033 χ^2/NDF :113585.1/6

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

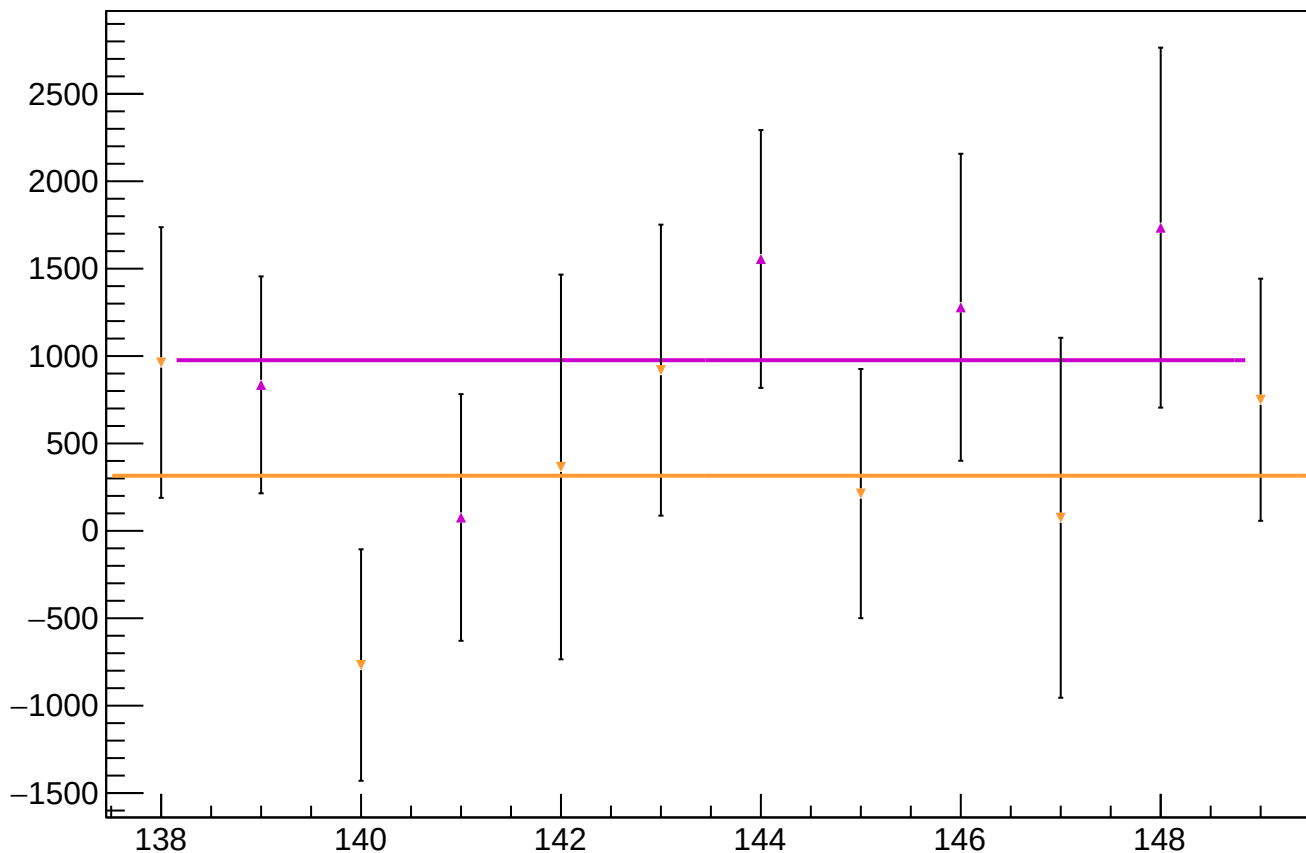
Left In: 105.225+/-0.037 χ^2/NDF :105684.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.468+/-0.025 χ^2/NDF : 220028.4/11

- 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: 315.519+/-298.616 χ^2/NDF : 4.4/6

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

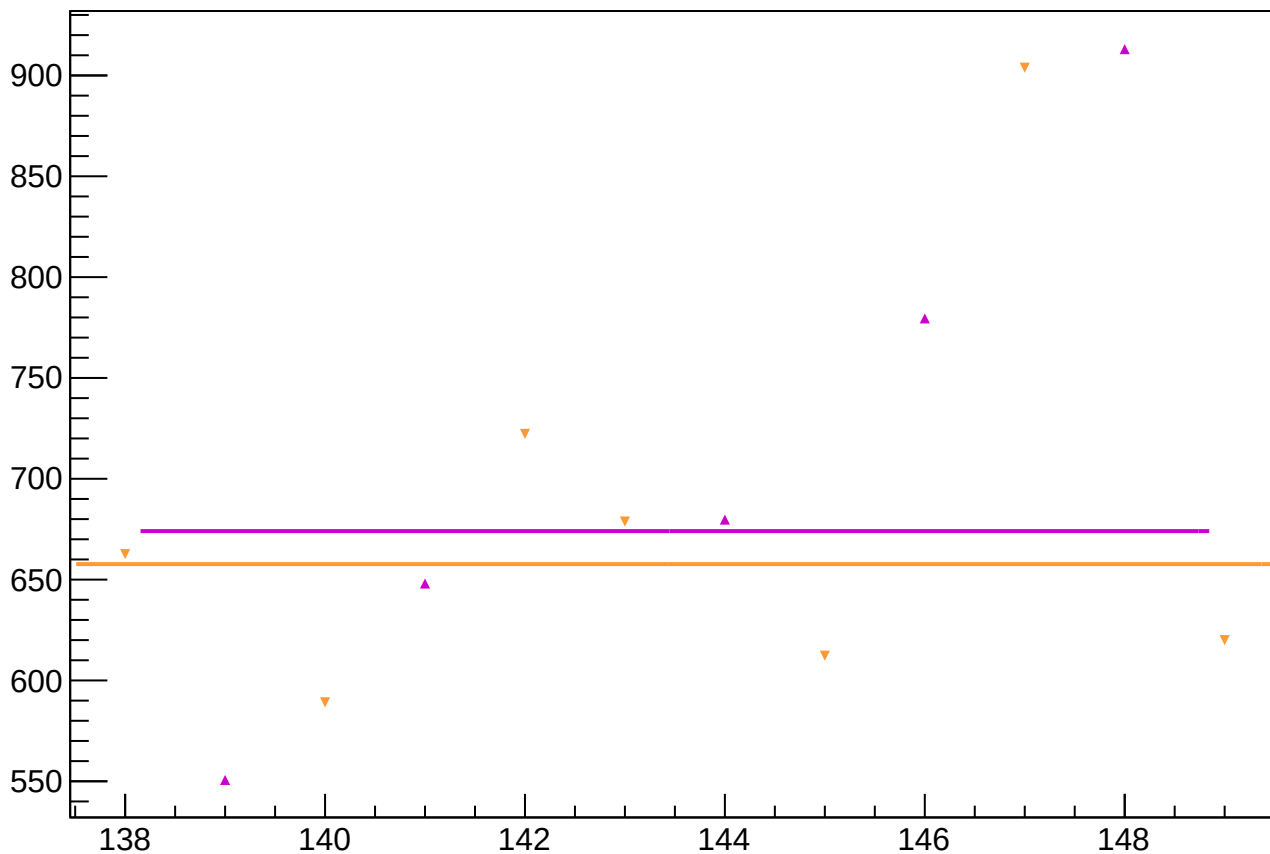
Left In: 976.196+/-339.299 χ^2/NDF : 3.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.893+/-224.164 χ^2/NDF : 9.5/11

- 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: 657.678+/-0.211 χ^2/NDF :158046.2/6

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

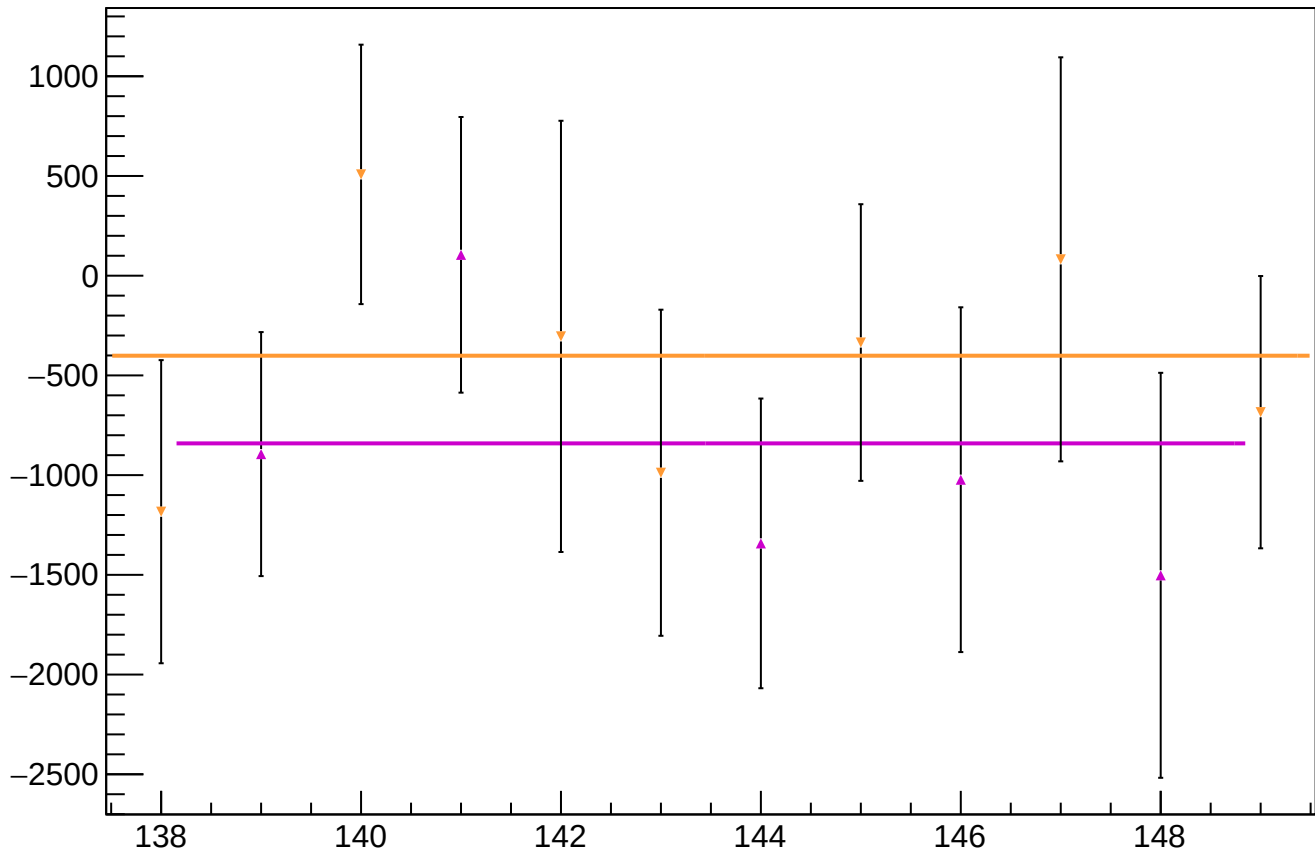
Left In: 674.057+/-0.240 χ^2/NDF :218547.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.827+/-0.159 χ^2/NDF : 379220.3/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -401.194+/-293.024 χ^2/NDF : 3.9/6

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

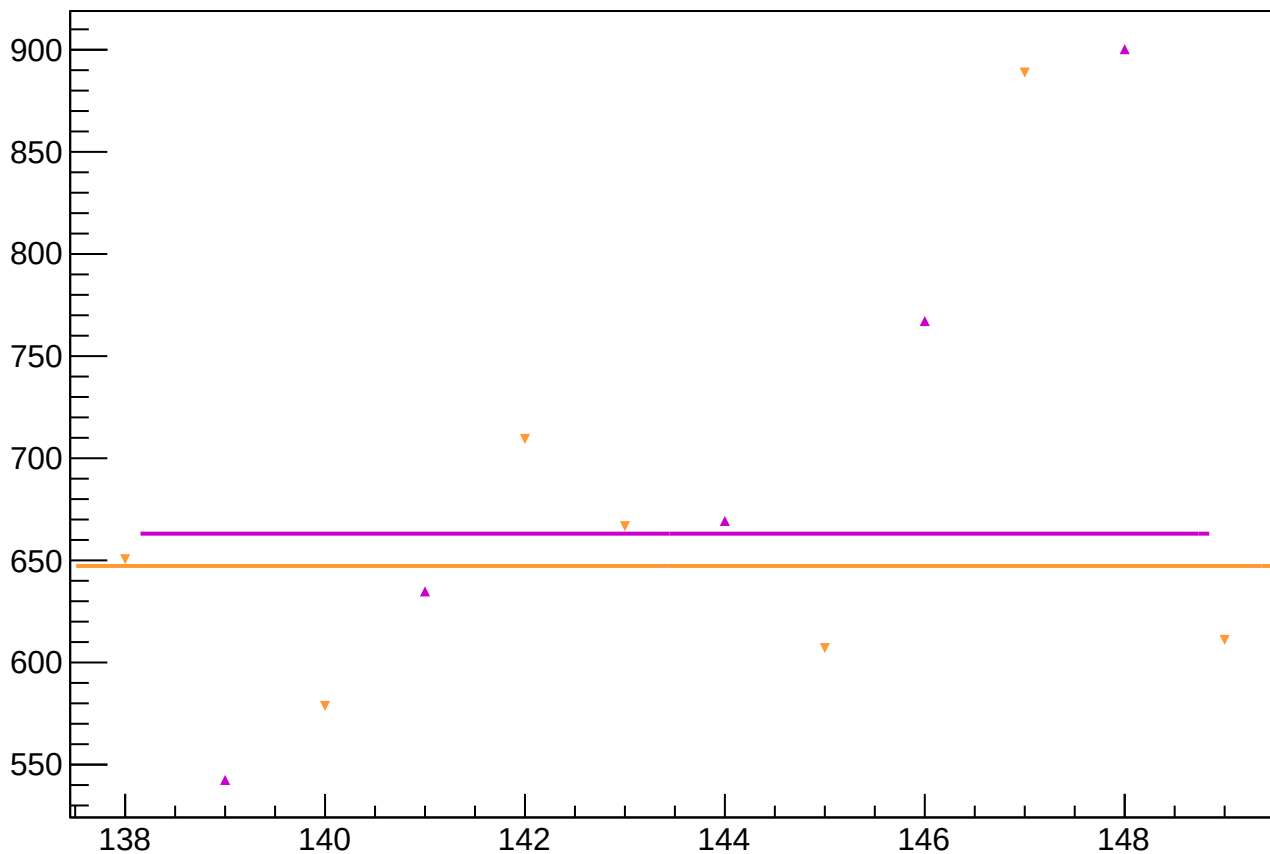
Left In: -840.817+/-333.894 χ^2/NDF : 2.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.467+/-220.239 χ^2/NDF : 7.7/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



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

Left Out: 647.267+/-0.207 χ^2/NDF :156088.6/6

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

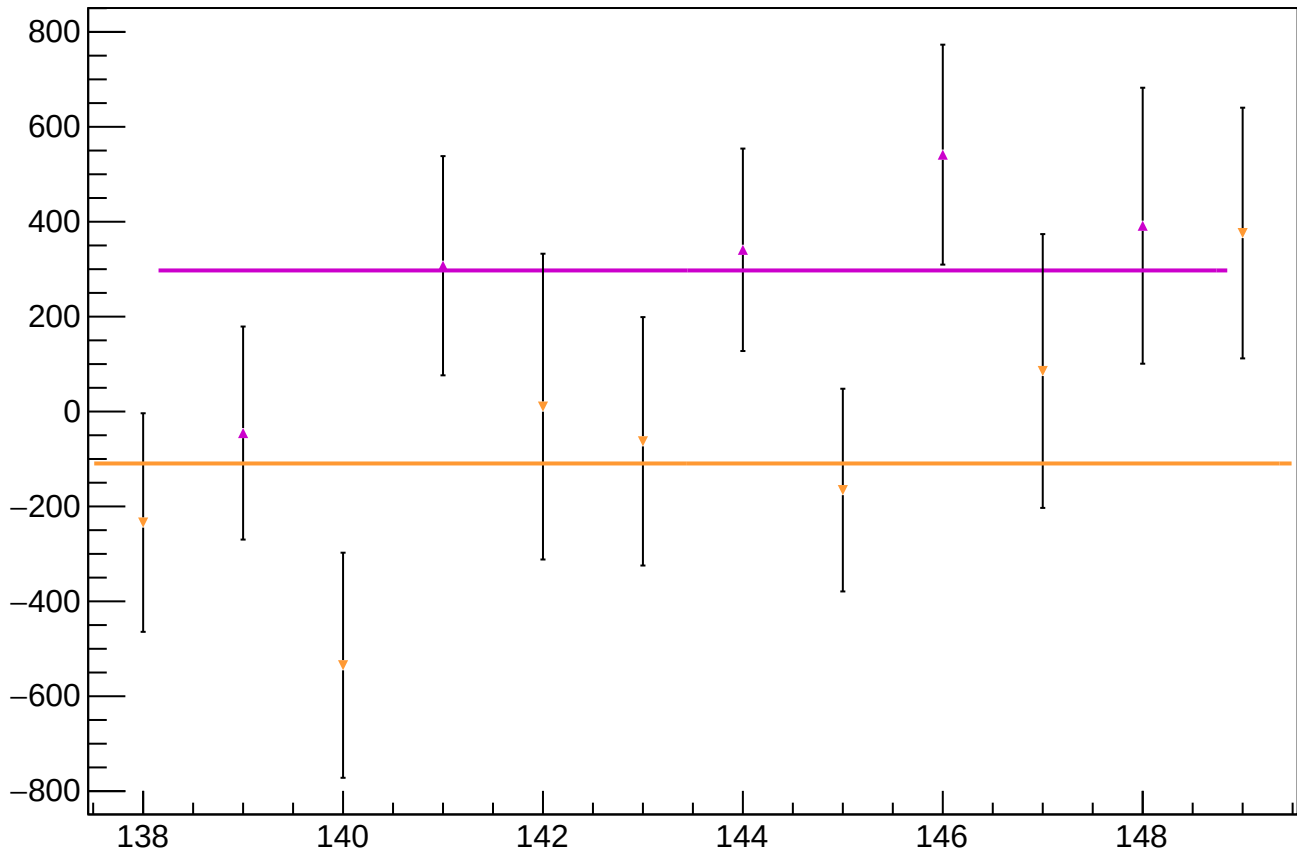
Left In: 663.082+/-0.236 χ^2/NDF :219374.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.148+/-0.156 χ^2/NDF : 377997.3/11

- 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: -109.456 $\pm$ 95.732 χ^2 /NDF: 7.6/6

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

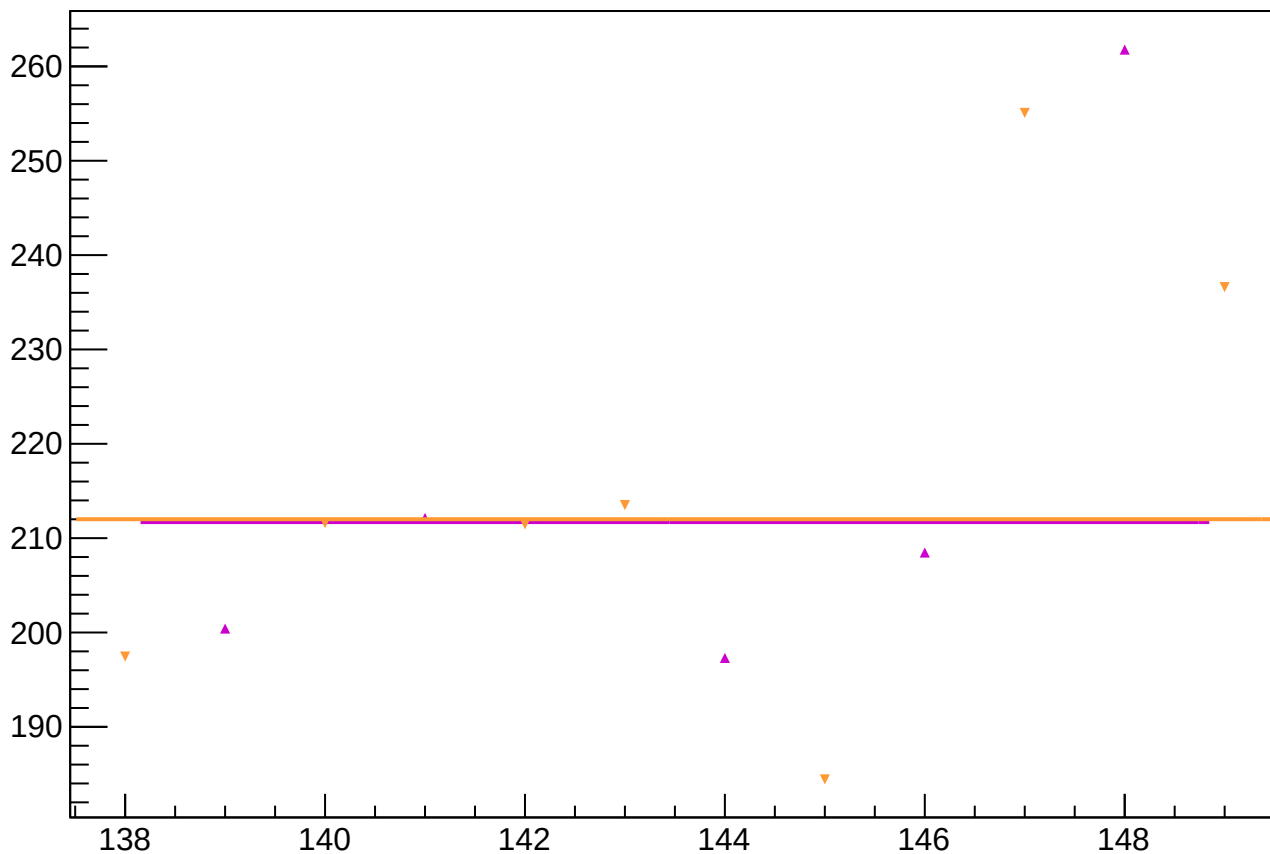
Left In: 297.329 $\pm$ 104.824 χ^2 /NDF: 3.6/4

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

All: 75.533 $\pm$ 70.689 χ^2 /NDF: 19.4/11

- 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: 212.008+/-0.068 χ^2/NDF : 103295.3/6

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

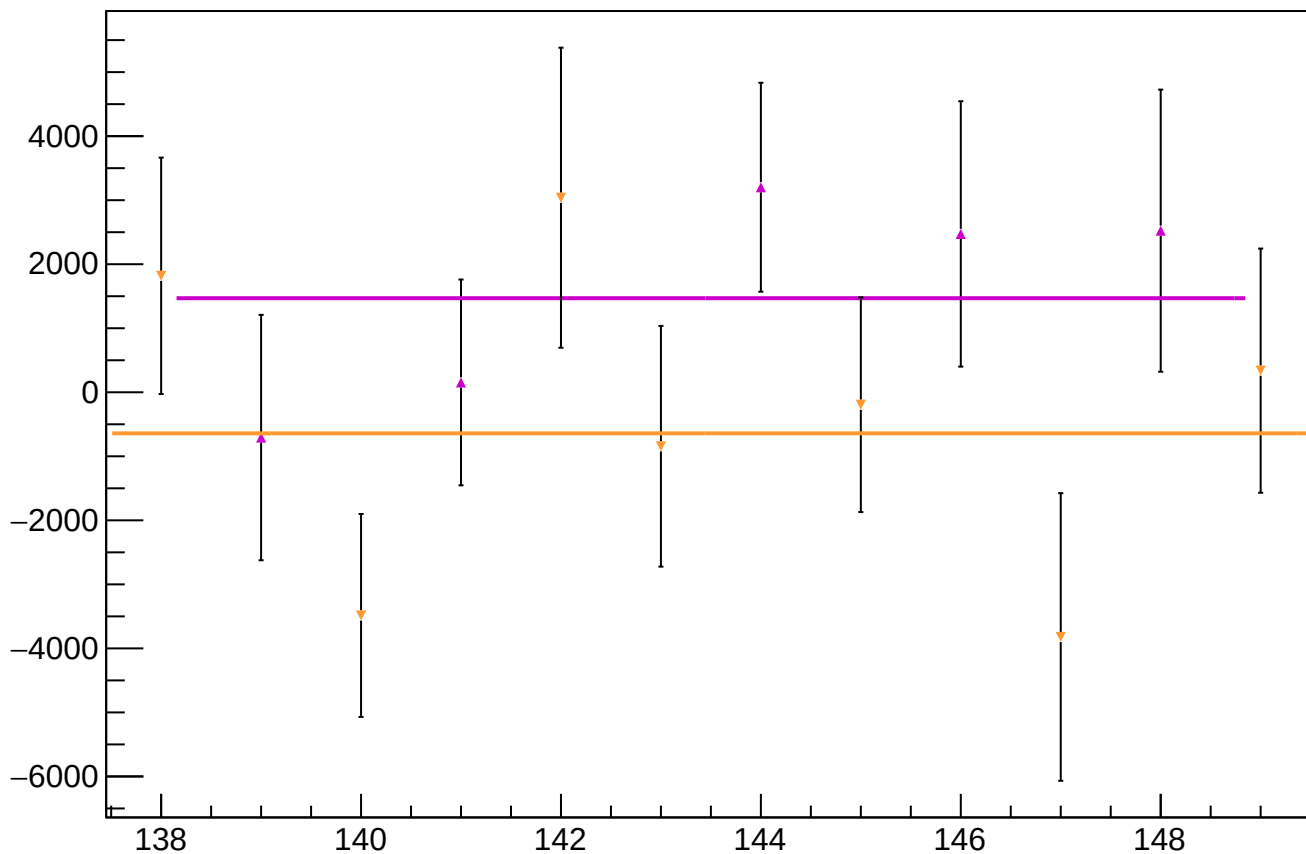
Left In: 211.704+/-0.074 χ^2/NDF : 73865.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.870+/-0.050 χ^2/NDF : 177170.1/11

- 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: -641.386+/-709.619 χ^2/NDF : 9.8/6

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

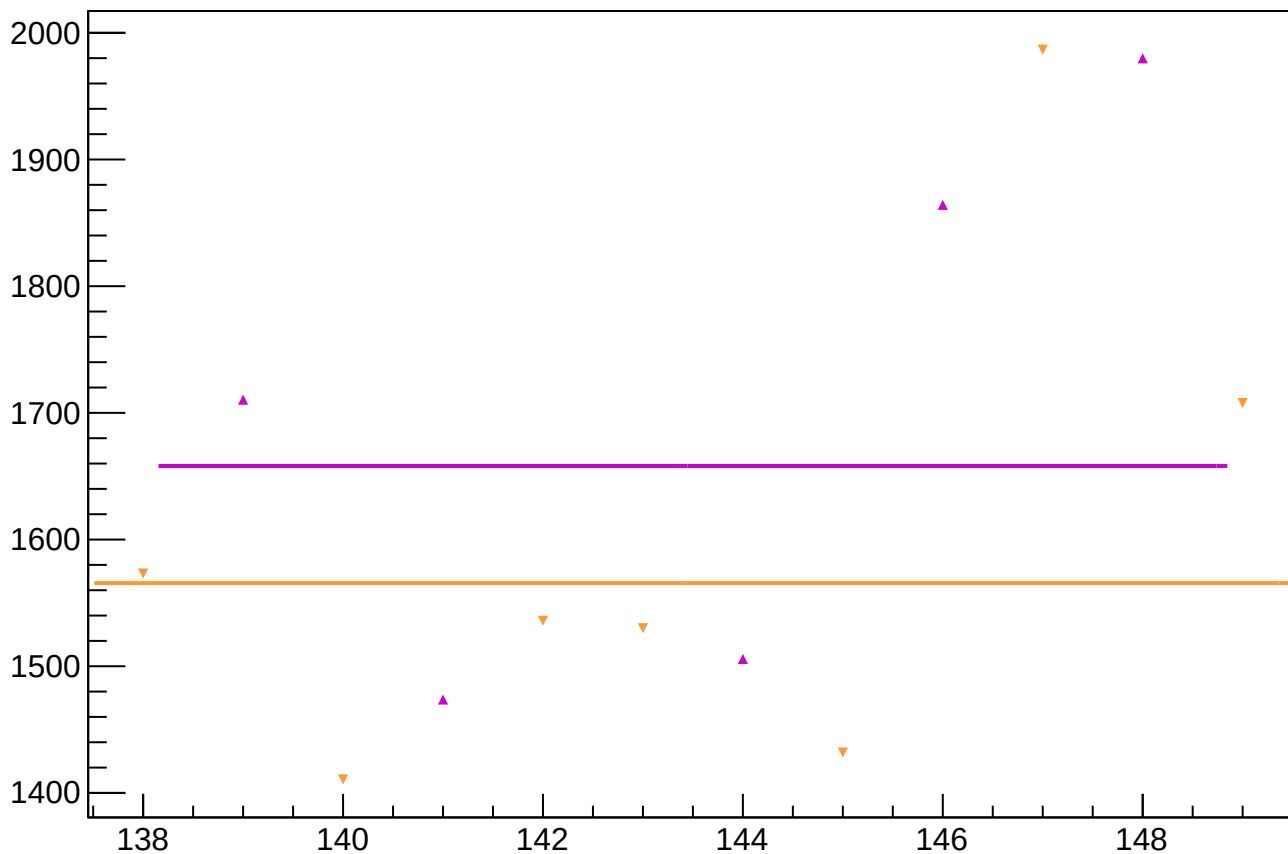
Left In: 1469.177+/-823.682 χ^2/NDF : 3.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.754+/-537.618 χ^2/NDF : 17.1/11

- 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: 1565.614+/-0.502 χ^2/NDF :114324.0/6

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

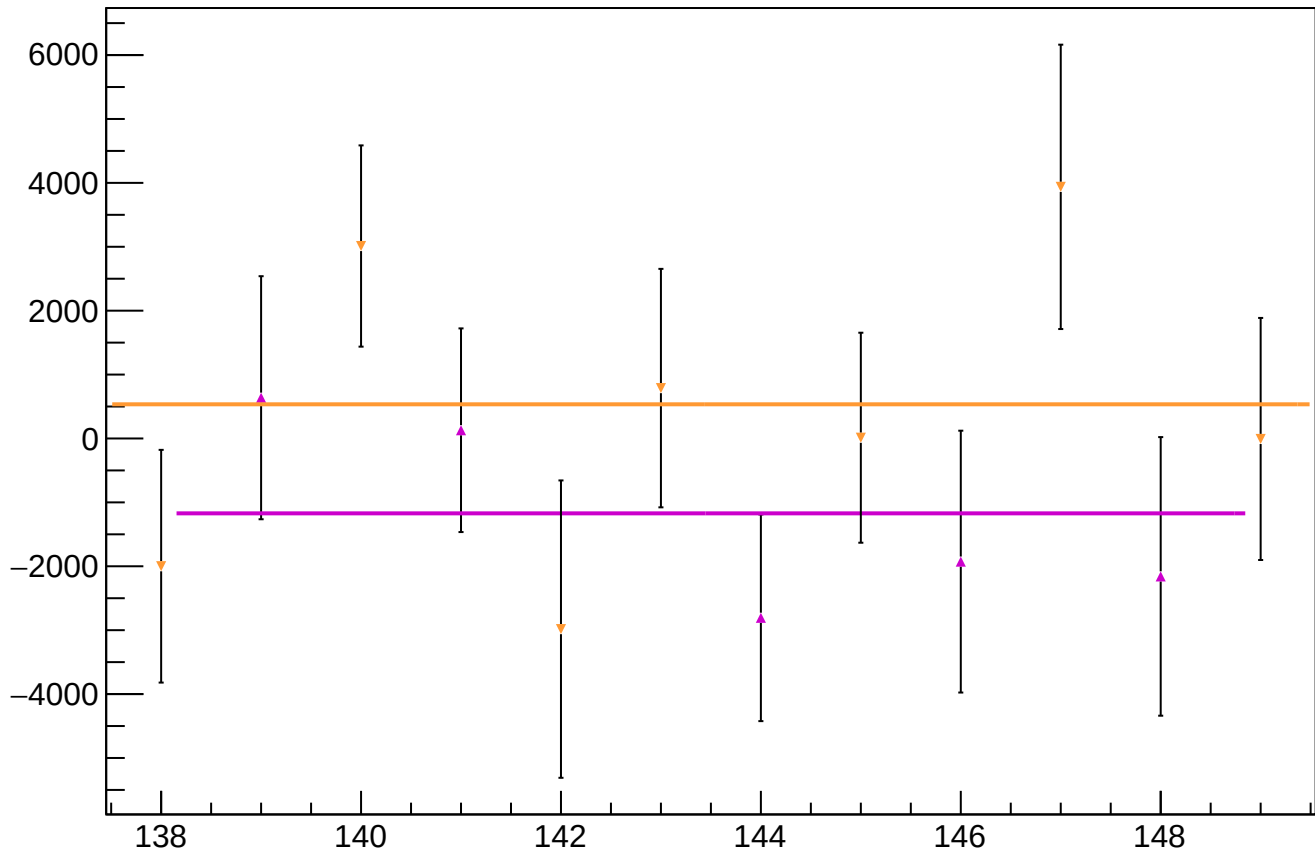
Left In: 1658.057+/-0.582 χ^2/NDF :107685.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.996+/-0.380 χ^2/NDF : 236469.1/11

- 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: 534.772+/-702.228 χ^2/NDF : 9.2/6

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

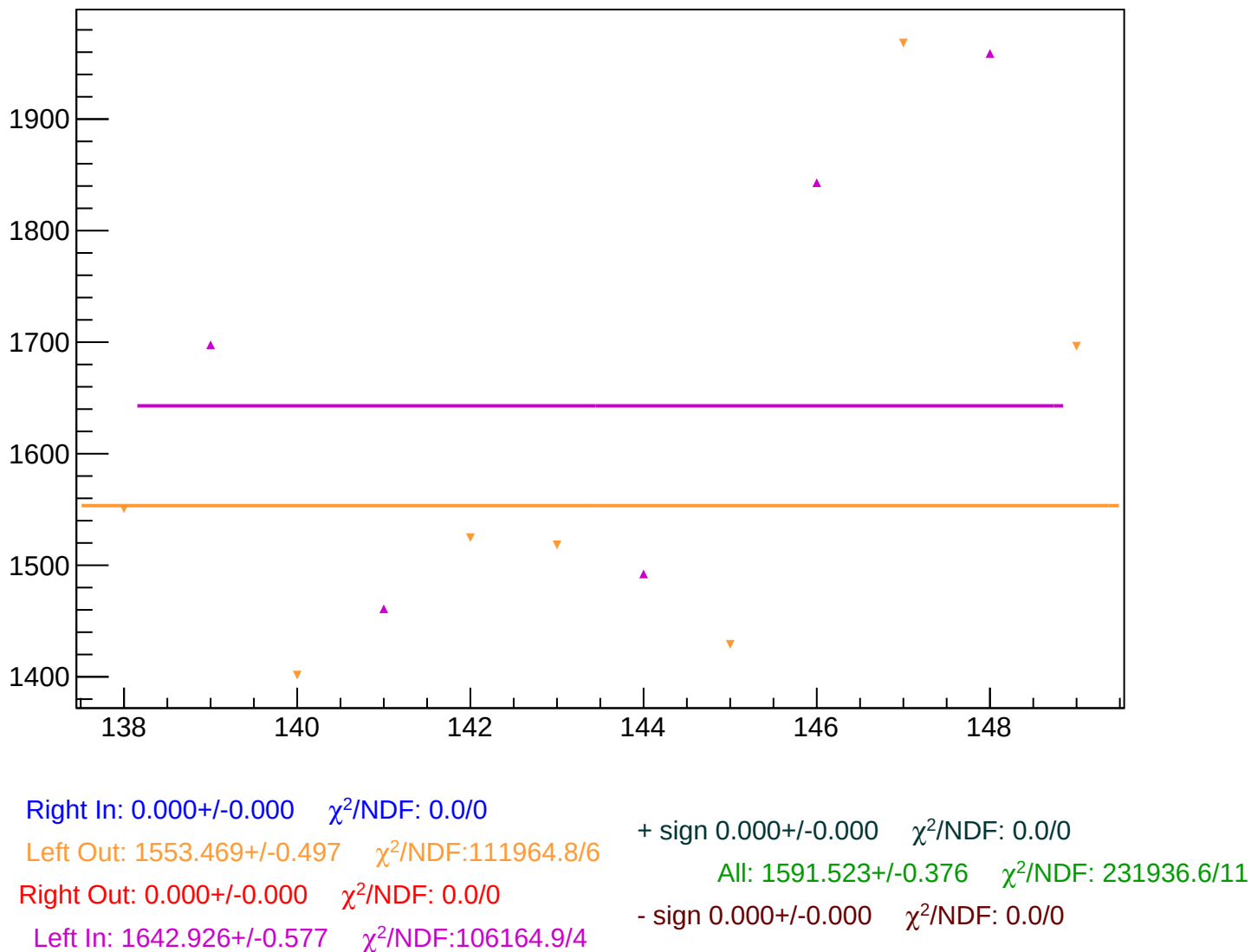
Left In: -1171.746+/-816.151 χ^2/NDF : 2.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

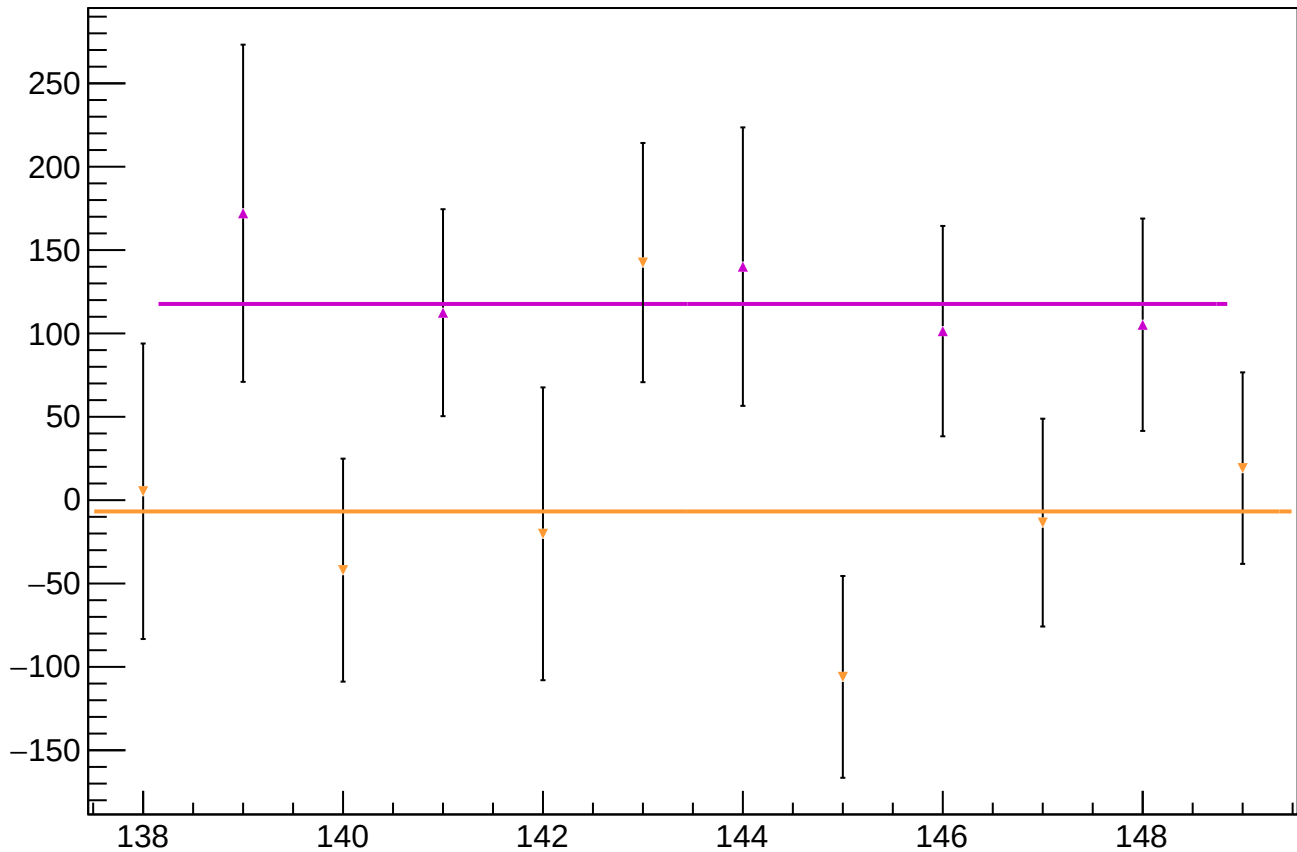
All: -191.165+/-532.310 χ^2/NDF : 14.7/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -6.771+/-25.747 χ^2/NDF : 7.6/6

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

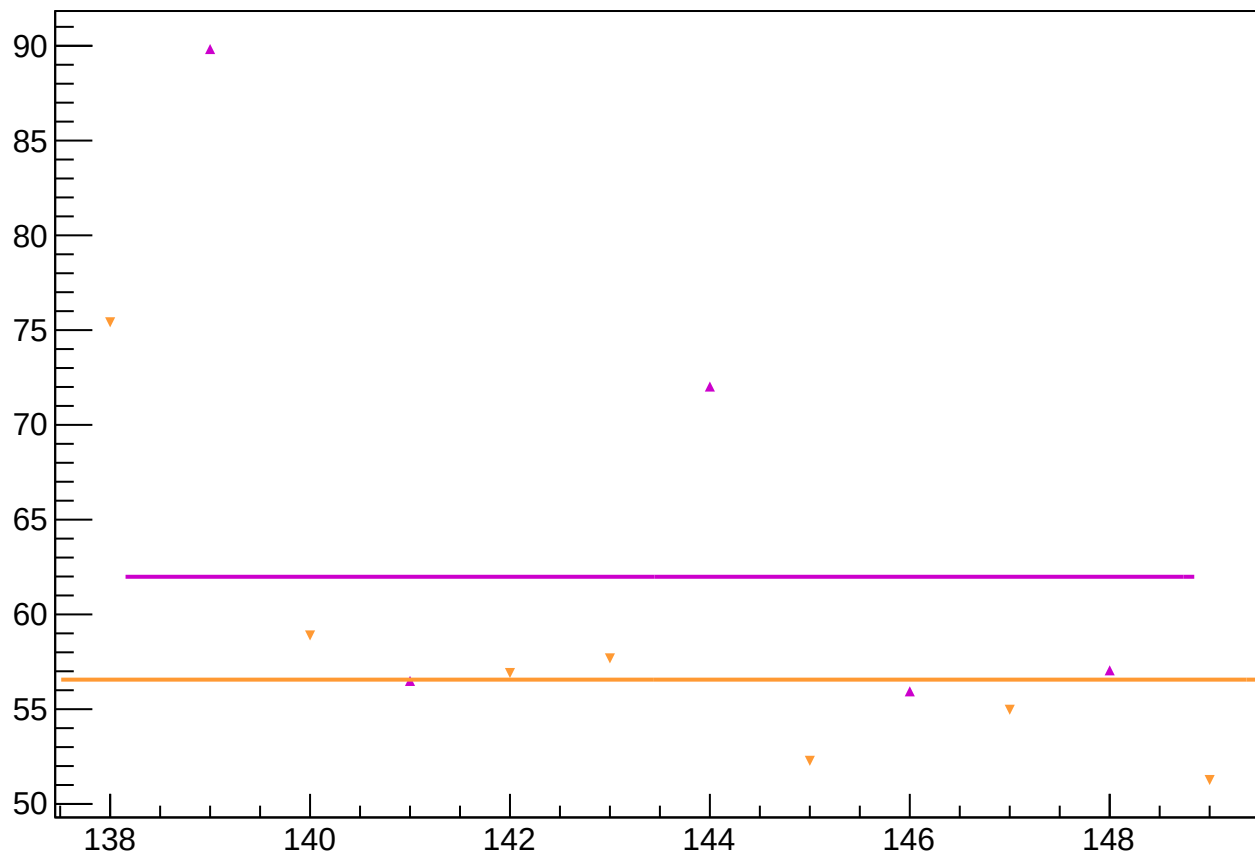
Left In: 117.687+/-31.644 χ^2/NDF : 0.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.803+/-19.972 χ^2/NDF : 17.3/11

- 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: 56.559+/-0.018 χ^2/NDF : 121775.5/6

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

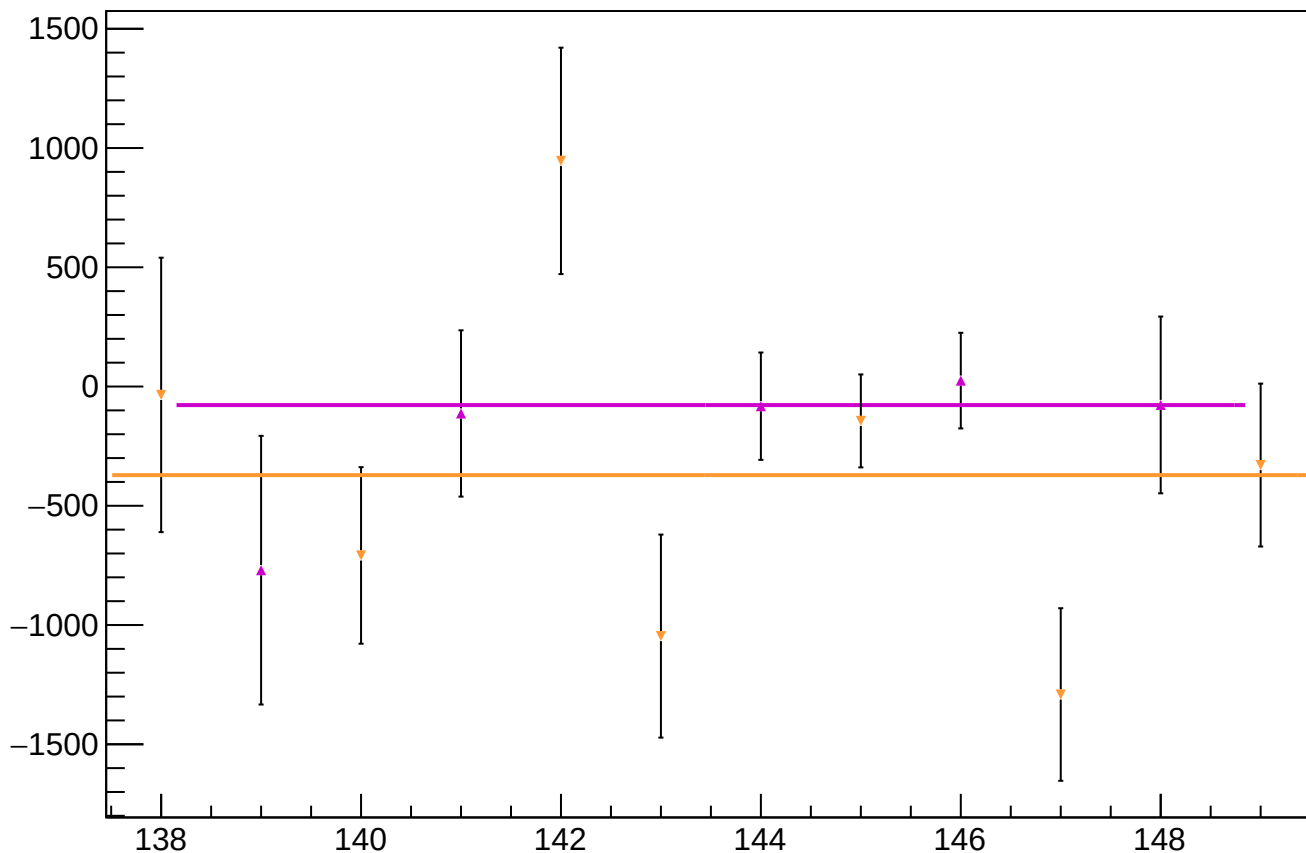
Left In: 61.986+/-0.022 χ^2/NDF : 226588.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.721+/-0.014 χ^2/NDF : 383758.7/11

- 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: -371.442 $\pm$ 126.159 χ^2 /NDF:19.2/6

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

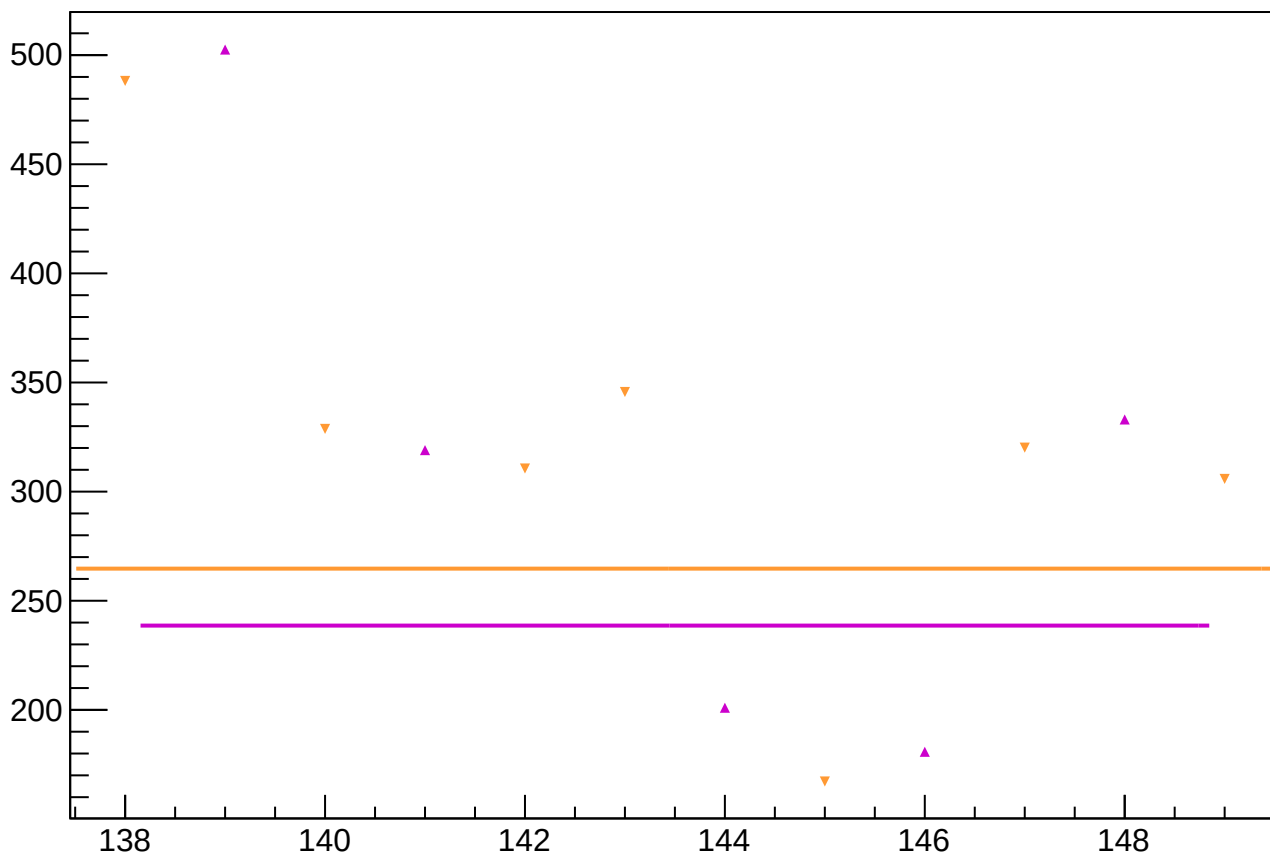
Left In: -77.873 $\pm$ 125.707 χ^2 /NDF:1.8/4

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

All: -224.130 $\pm$ 89.048 χ^2 /NDF: 23.7/11

- 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: 264.716+/-0.089 χ^2/NDF : 1029511.4/6

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

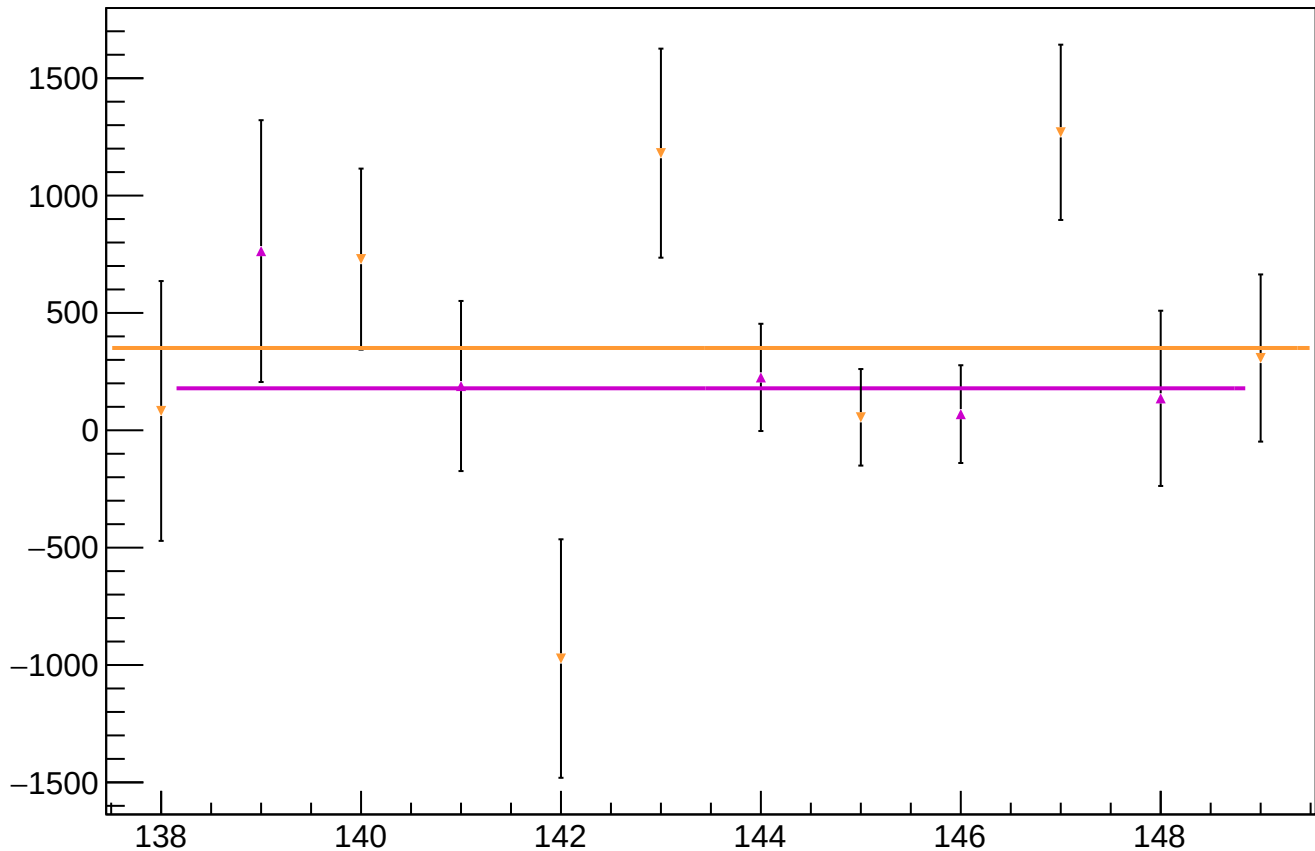
Left In: 238.619+/-0.089 χ^2/NDF : 897688.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.621+/-0.063 χ^2/NDF : 1970144.0/11

- 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: 350.676+/-131.761 χ^2/NDF : 19.6/6

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

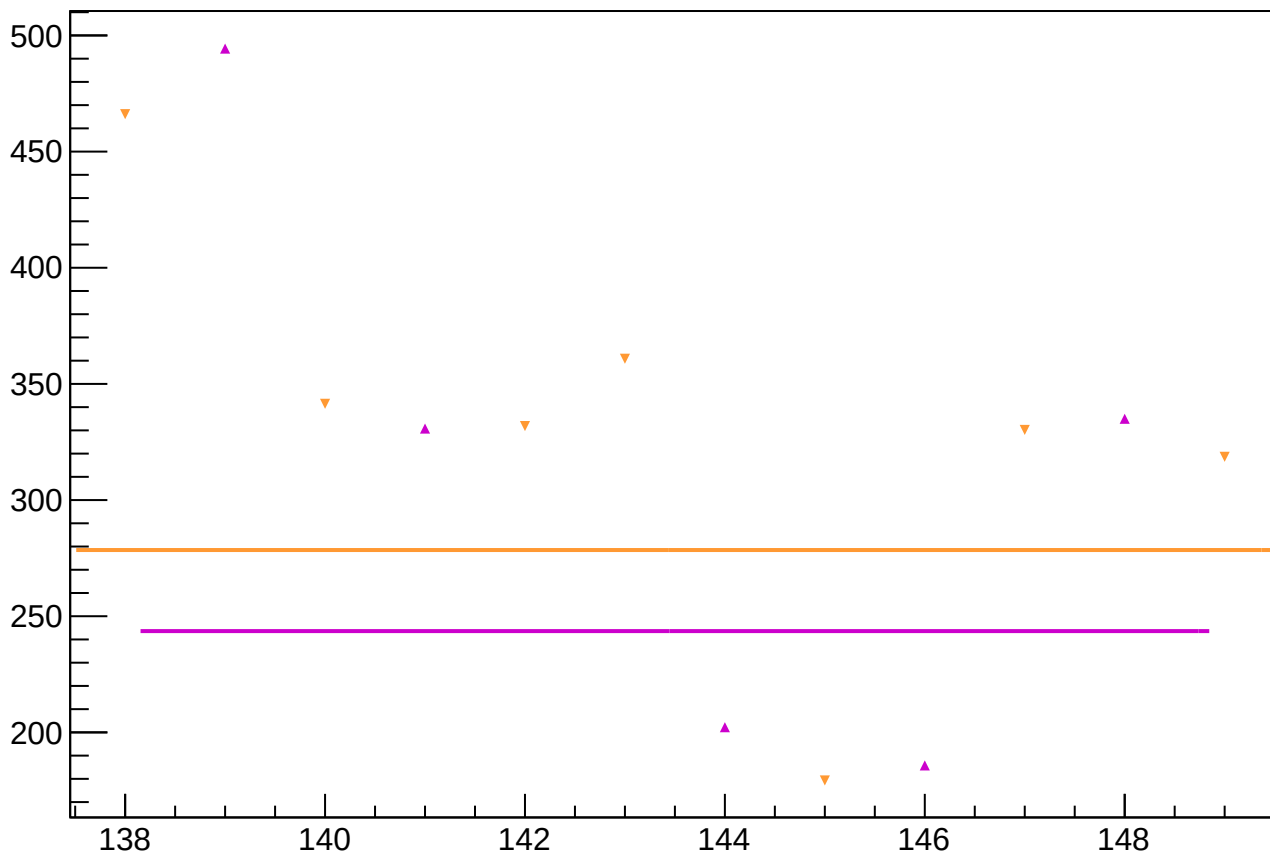
Left In: 178.869+/-128.858 χ^2/NDF : 1.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.859+/-92.125 χ^2/NDF : 21.9/11

- 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: 278.495+/-0.093 χ^2/NDF : 902385.9/6

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

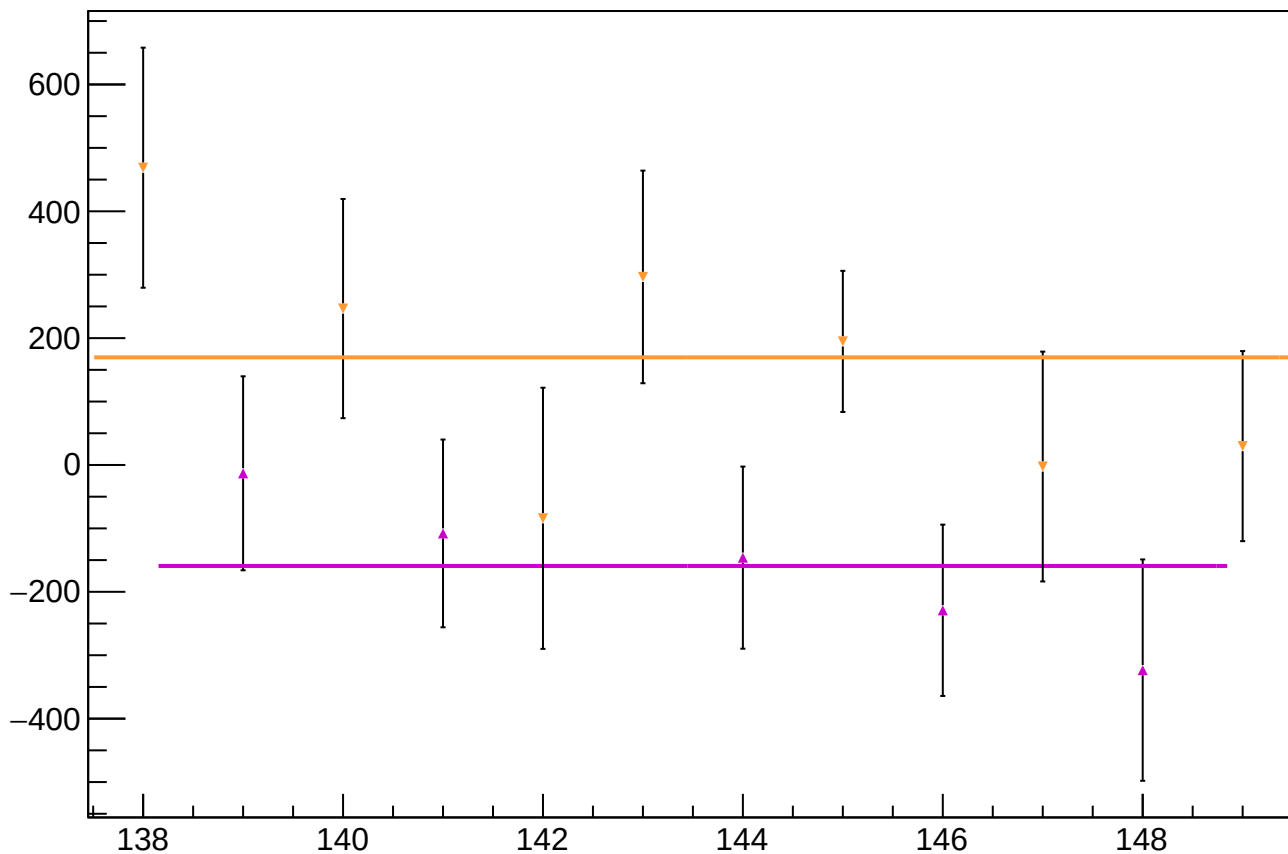
Left In: 243.598+/-0.091 χ^2/NDF : 859598.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.658+/-0.065 χ^2/NDF : 1833692.4/11

- 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: 169.720+/-60.156 χ^2/NDF : 6.6/6

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

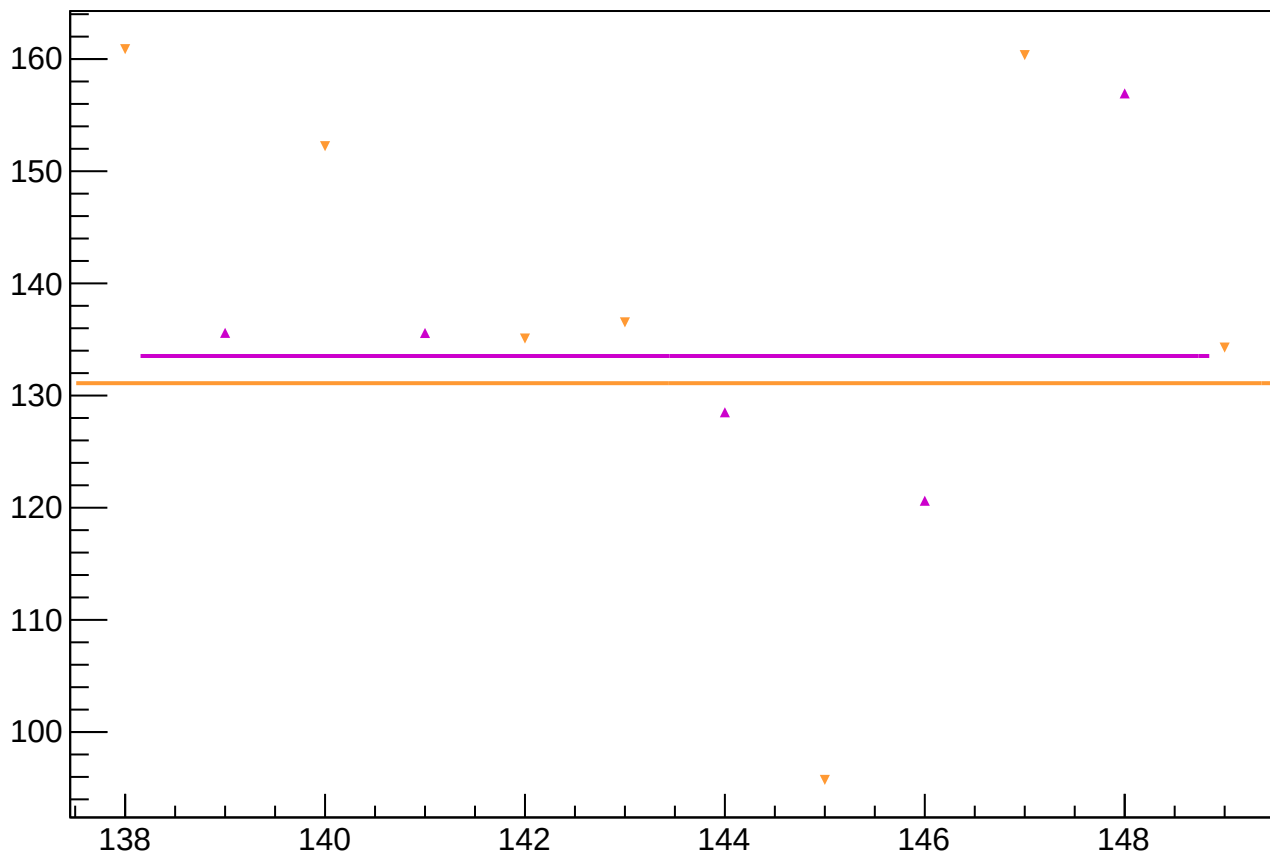
Left In: -159.229+/-66.738 χ^2/NDF : 2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.261+/-44.683 χ^2/NDF : 22.2/11

- 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: 131.103+/-0.043 χ^2/NDF : 337373.8/6

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

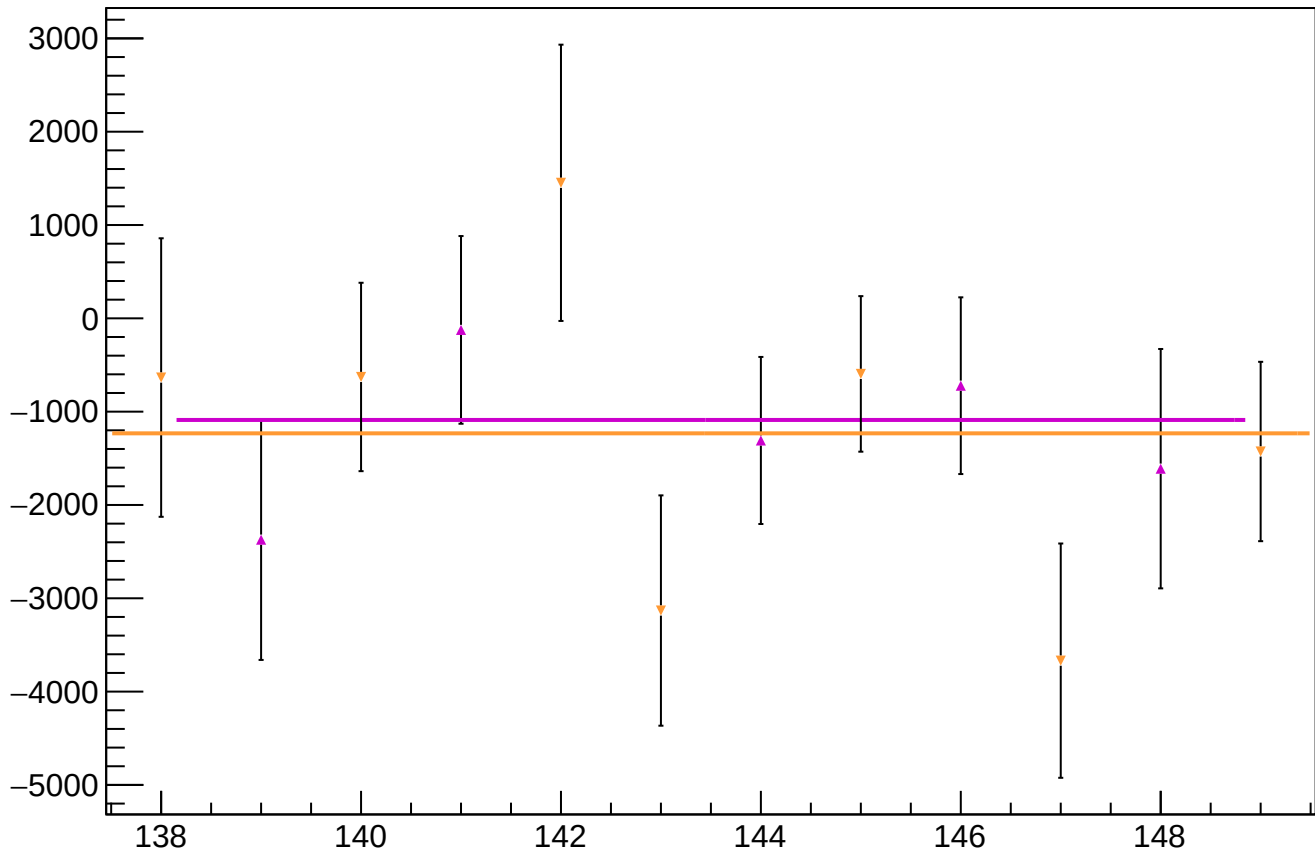
Left In: 133.526+/-0.047 χ^2/NDF : 57427.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.189+/-0.032 χ^2/NDF : 396256.3/11

- 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: -1232.405+/-418.839 χ^2/NDF :10.6/6

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

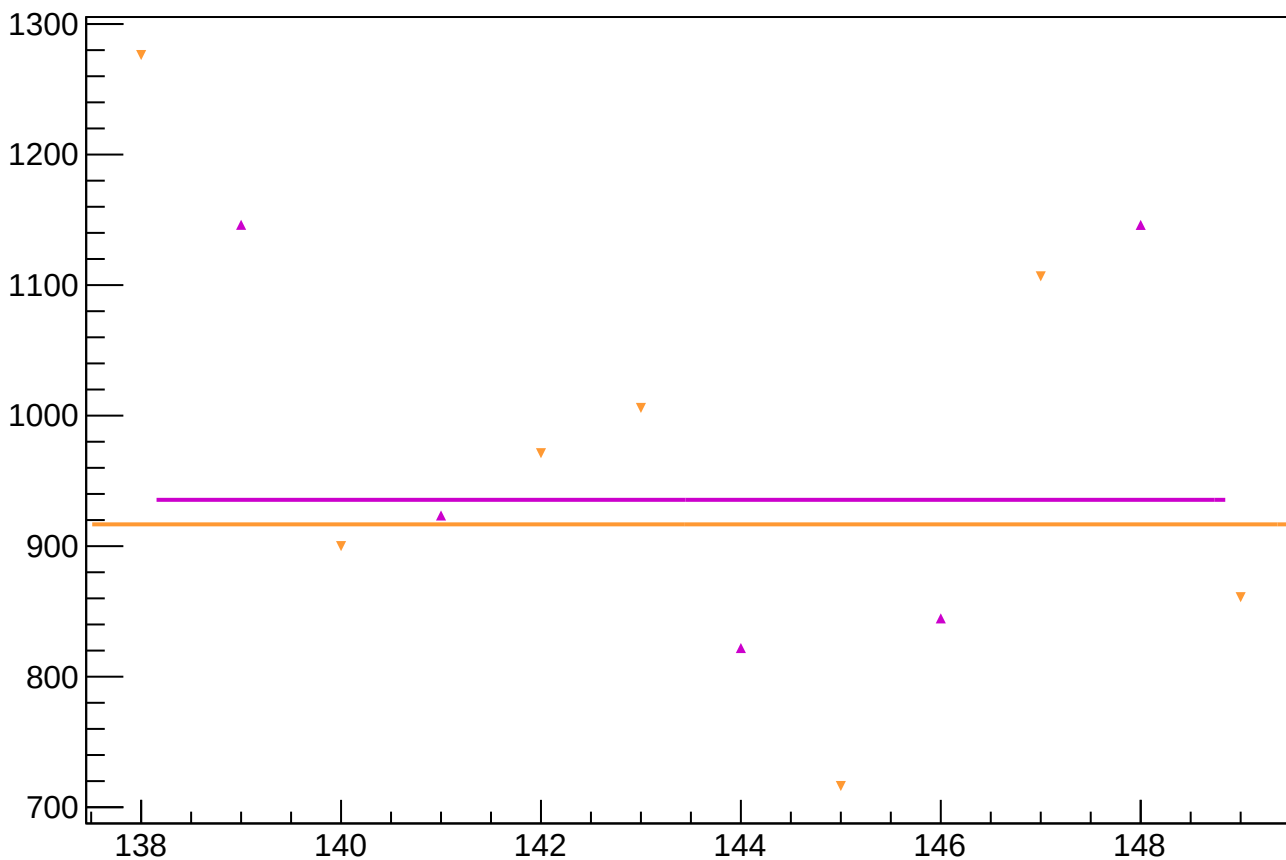
Left In: -1088.983+/-468.182 χ^2/NDF :2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1168.647+/-312.156 χ^2/NDF : 12.9/11

- 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: 916.700+/-0.296 χ^2/NDF : 298049.1/6

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

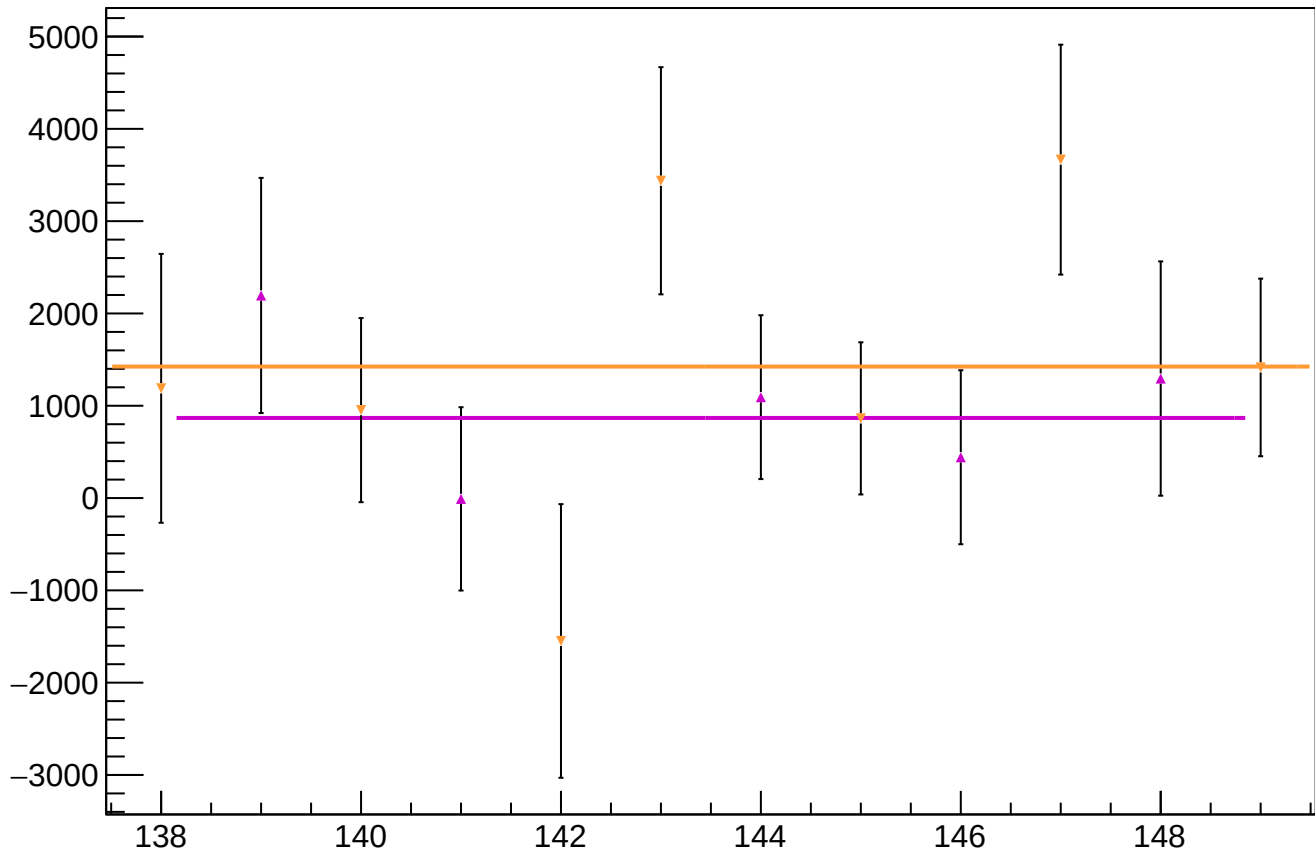
Left In: 935.494+/-0.331 χ^2/NDF : 158236.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.055+/-0.221 χ^2/NDF : 458075.6/11

- 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: 1424.490+/-415.633 χ^2/NDF : 10.7/6

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

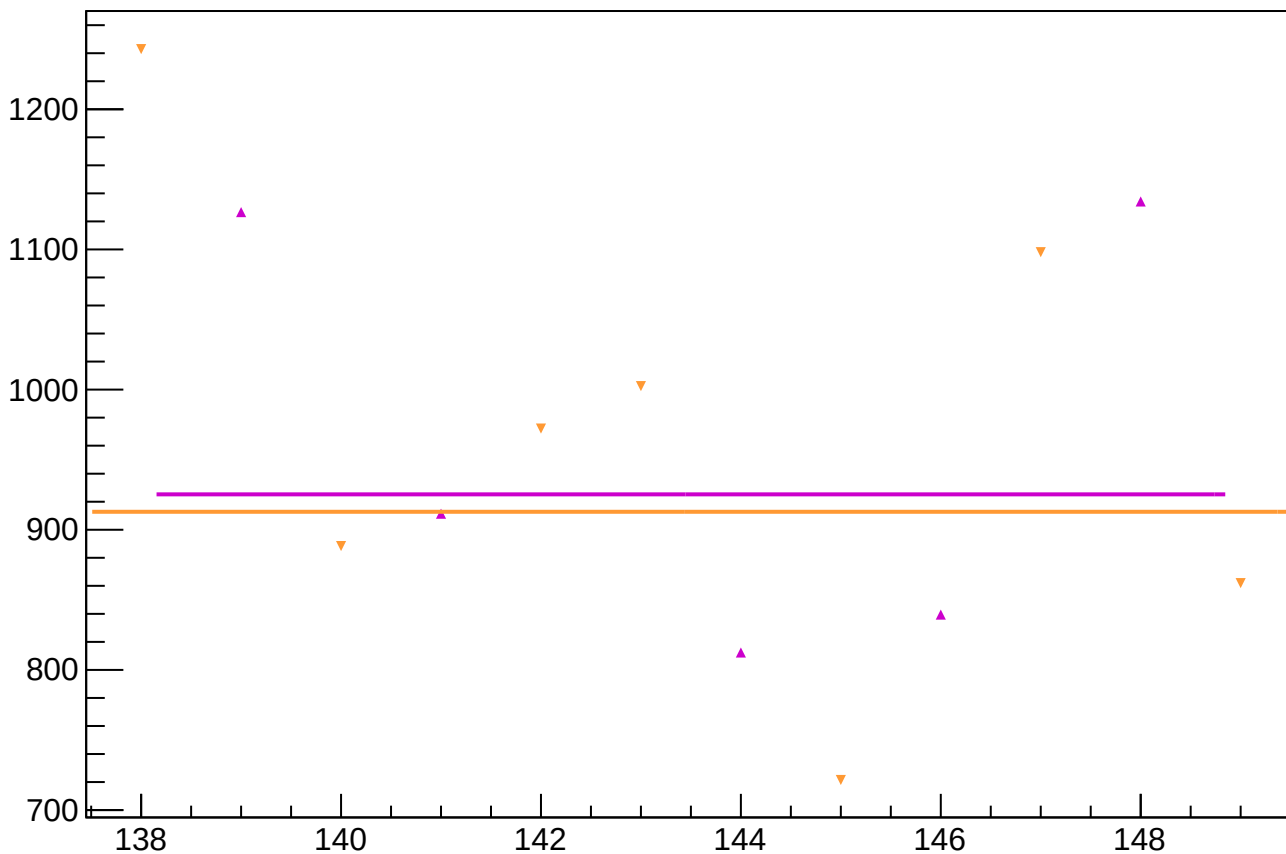
Left In: 868.000+/-463.934 χ^2/NDF : 2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.713+/-309.570 χ^2/NDF : 13.7/11

- 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: 912.828+/-0.294 χ^2/NDF : 275319.1/6

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

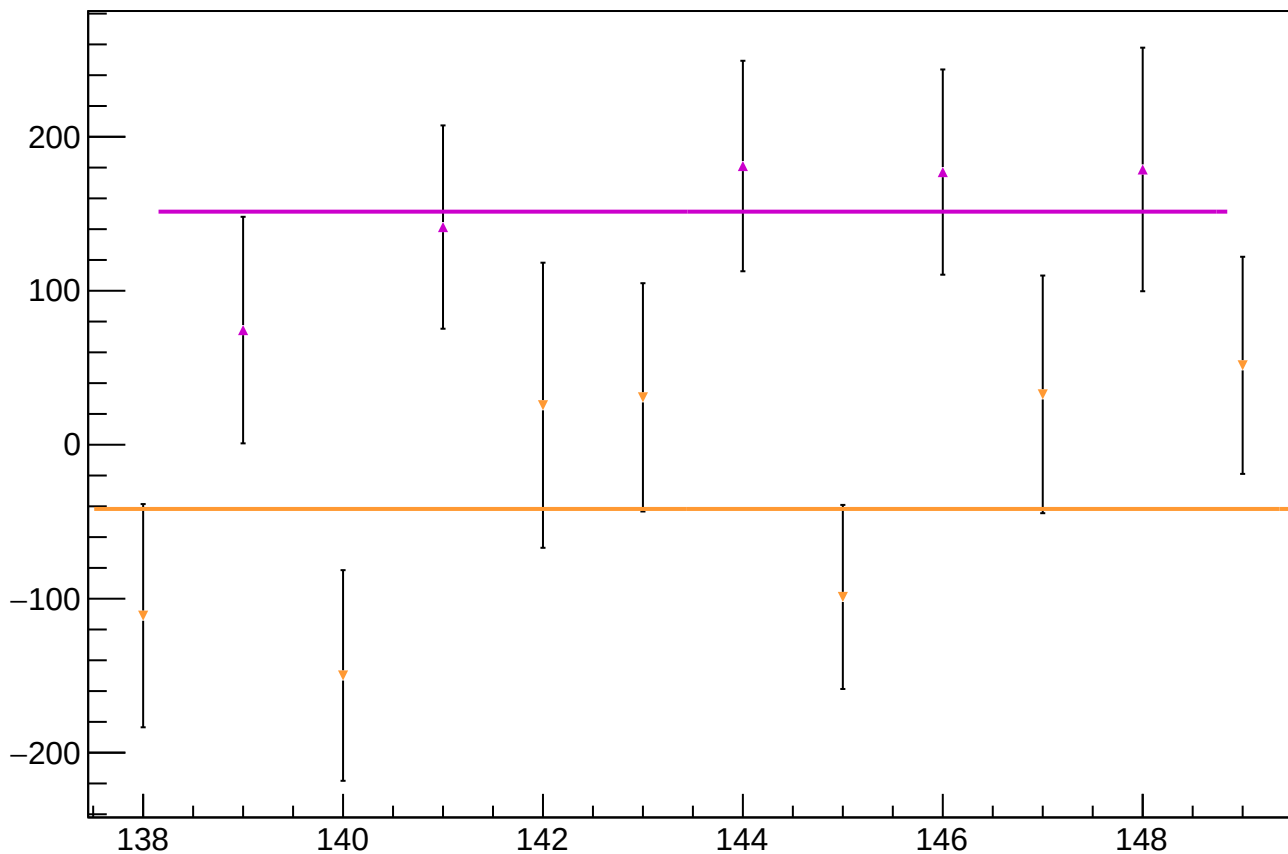
Left In: 925.262+/-0.328 χ^2/NDF : 153467.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.364+/-0.219 χ^2/NDF : 429583.2/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -41.706 $\pm$ 27.201 χ^2 /NDF:8.5/6

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

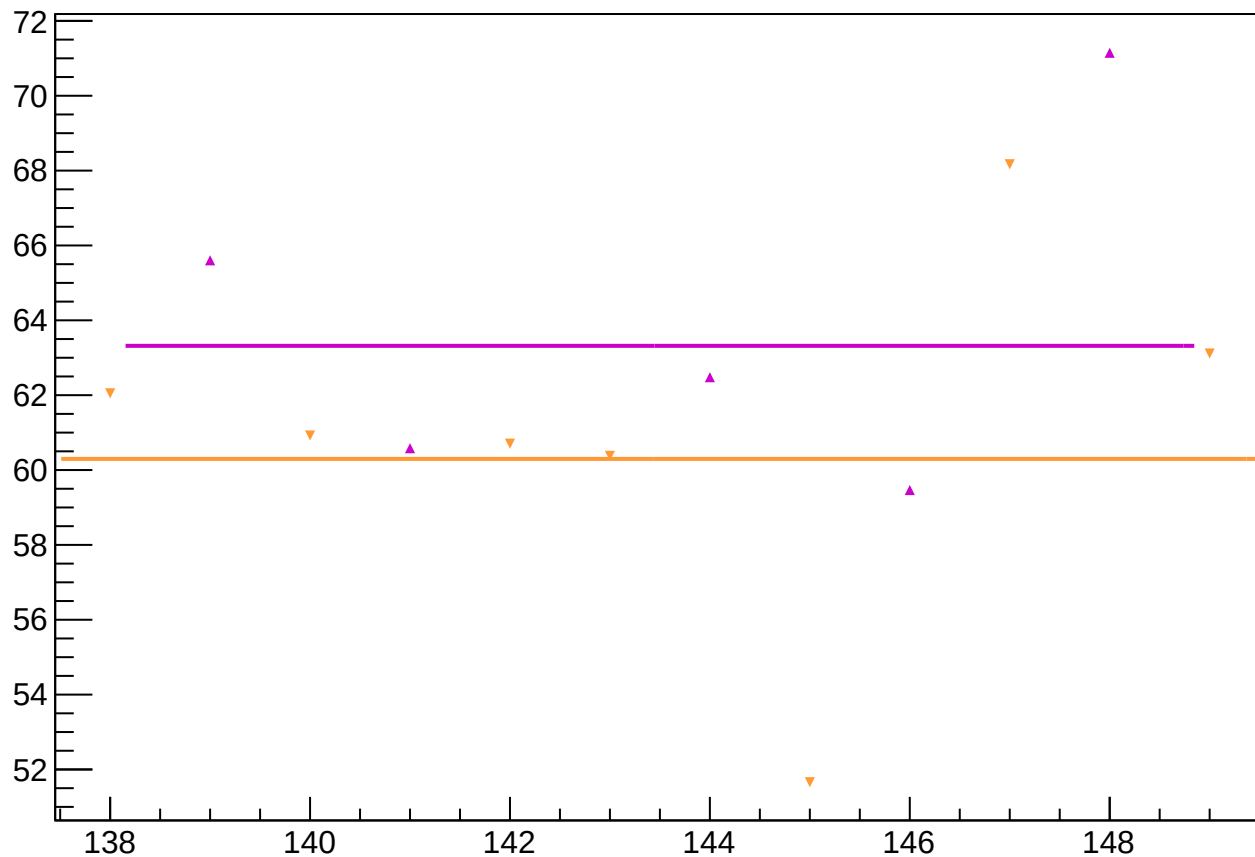
Left In: 151.377 $\pm$ 31.417 χ^2 /NDF:1.6/4

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

All: 41.020 $\pm$ 20.564 χ^2 /NDF: 31.7/11

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

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.298+/-0.019 χ^2/NDF : 67146.0/6

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

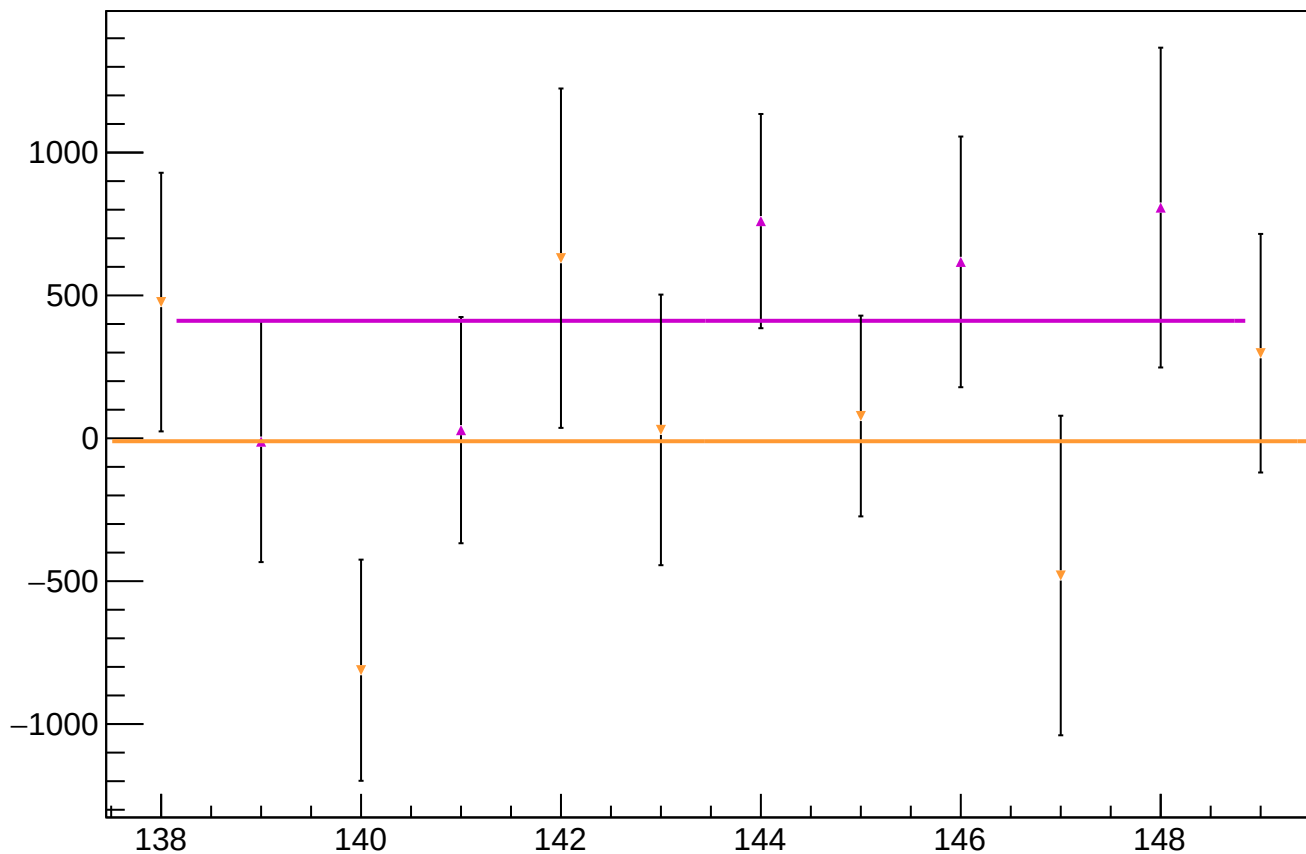
Left In: 63.318+/-0.022 χ^2/NDF : 31943.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.592+/-0.015 χ^2/NDF : 109655.0/11

- 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: -10.276+/-166.910 χ^2/NDF : 7.9/6

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

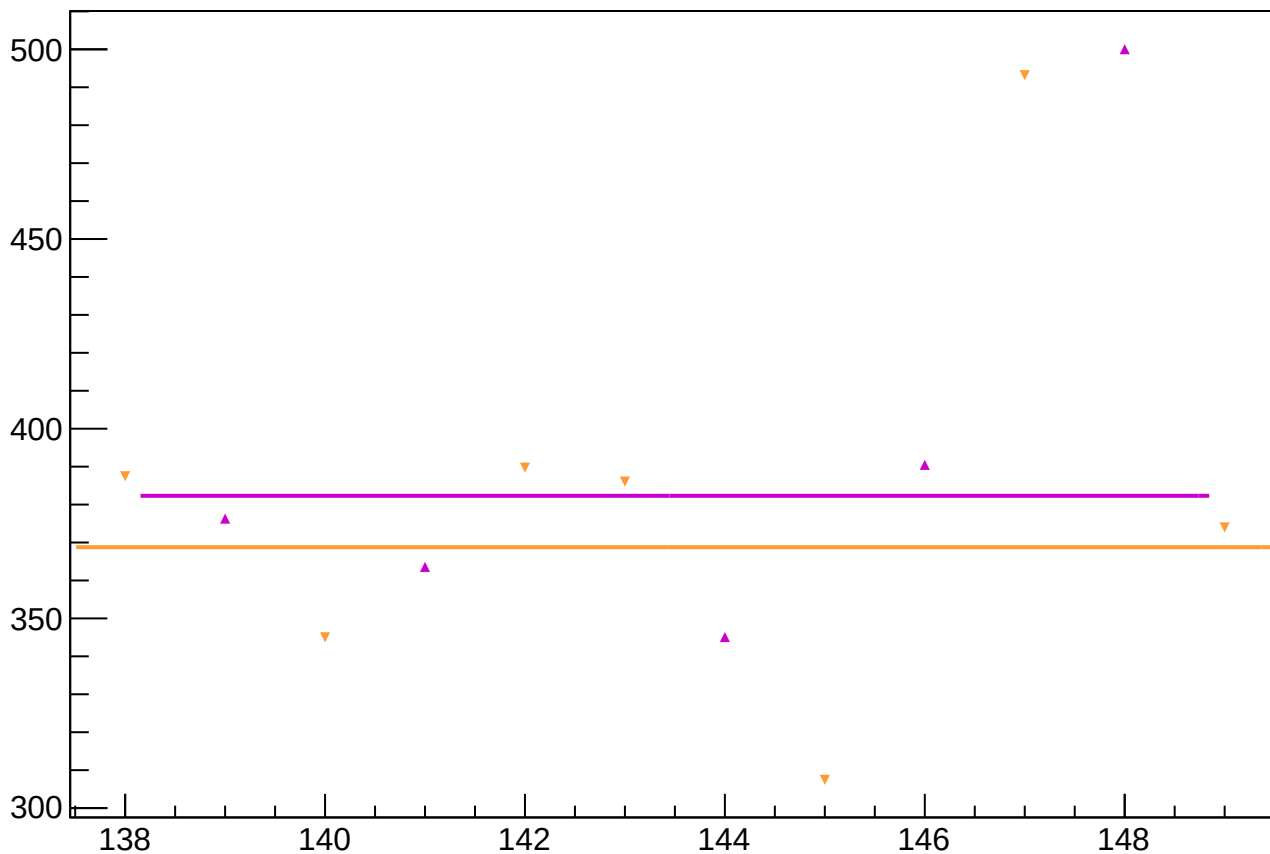
Left In: 411.183+/-190.640 χ^2/NDF : 3.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.605+/-125.580 χ^2/NDF : 14.2/11

- 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: 368.769+/-0.118 χ^2/NDF : 176368.9/6

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

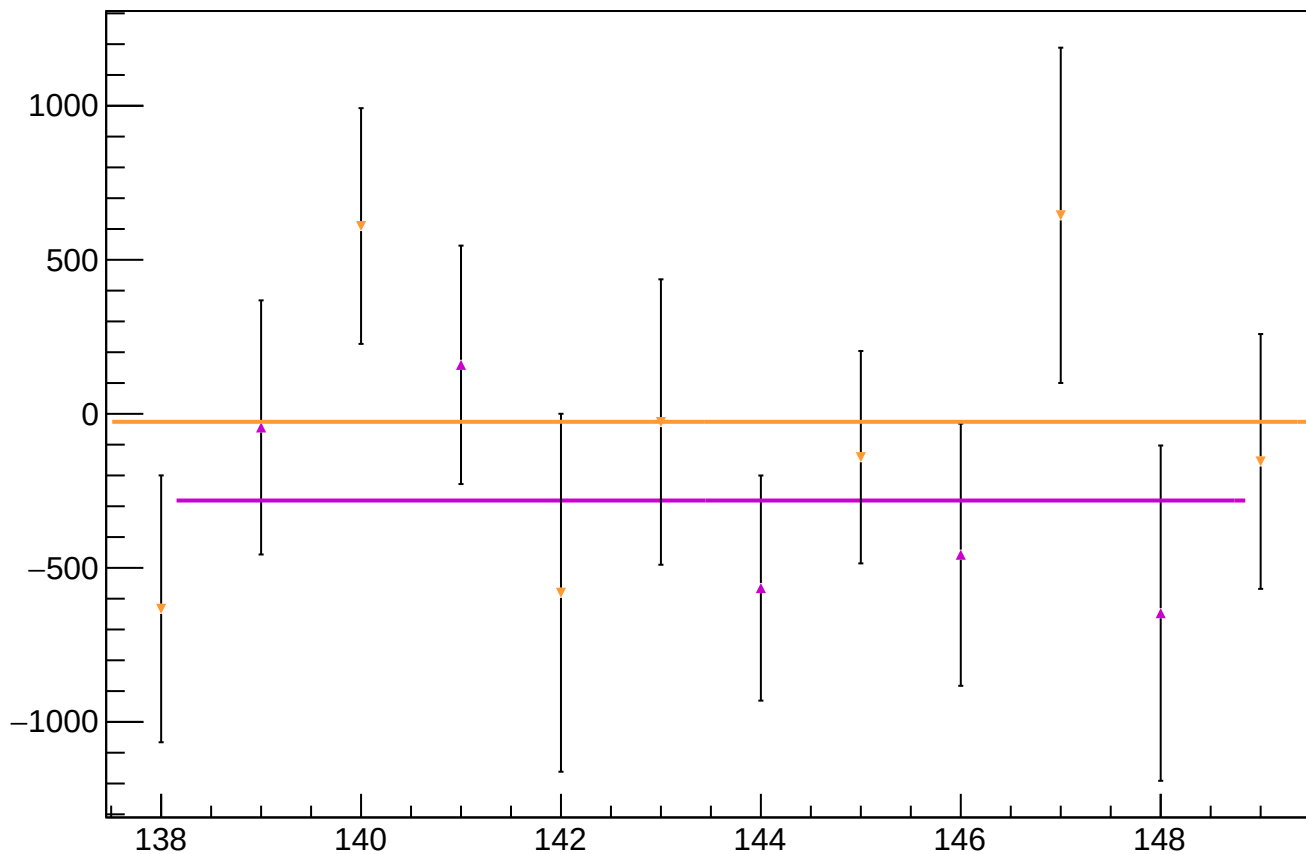
Left In: 382.318+/-0.135 χ^2/NDF : 113816.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.648+/-0.089 χ^2/NDF : 295903.7/11

- 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: -25.840+/-163.474 χ^2/NDF : 7.4/6

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

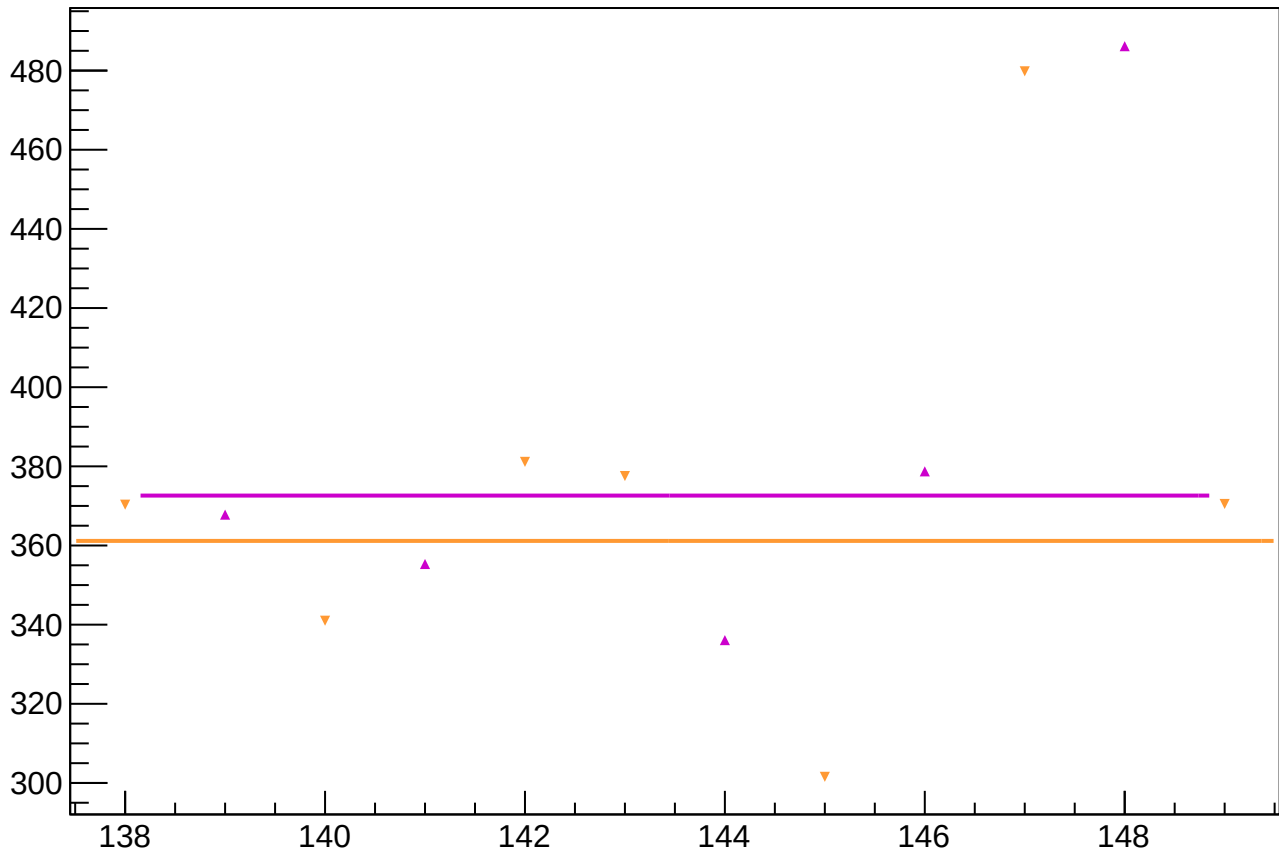
Left In: -281.342+/-185.879 χ^2/NDF : 2.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.272+/-122.755 χ^2/NDF : 11.3/11

- 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: 361.162+/-0.116 χ^2/NDF : 167206.2/6

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

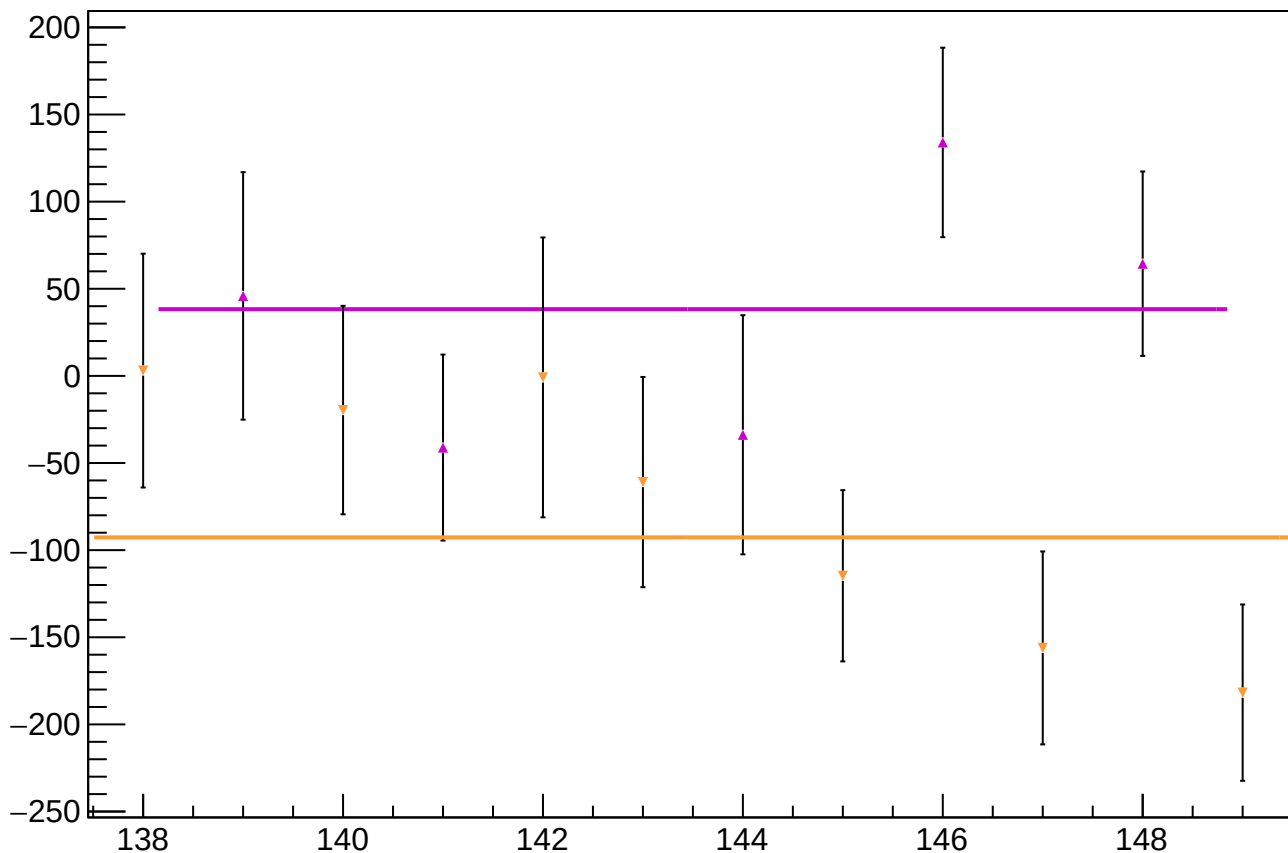
Left In: 372.614+/-0.131 χ^2/NDF : 111727.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.157+/-0.087 χ^2/NDF : 283214.5/11

- 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: -92.667+/-22.019 χ^2/NDF : 9.7/6

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

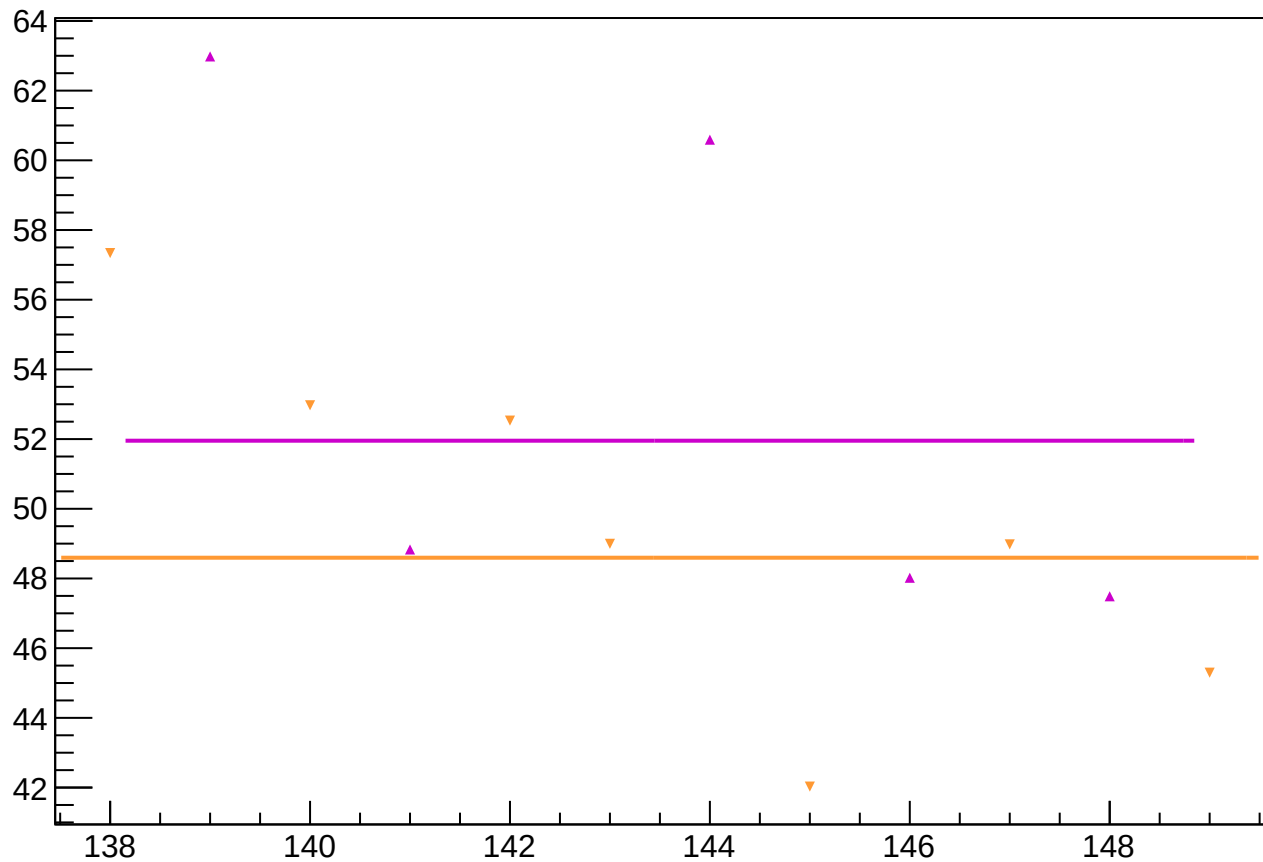
Left In: 38.288+/-26.196 χ^2/NDF : 6.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.451+/-16.855 χ^2/NDF : 31.0/11

- 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: 48.596+/-0.016 χ^2/NDF : 93881.2/6

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

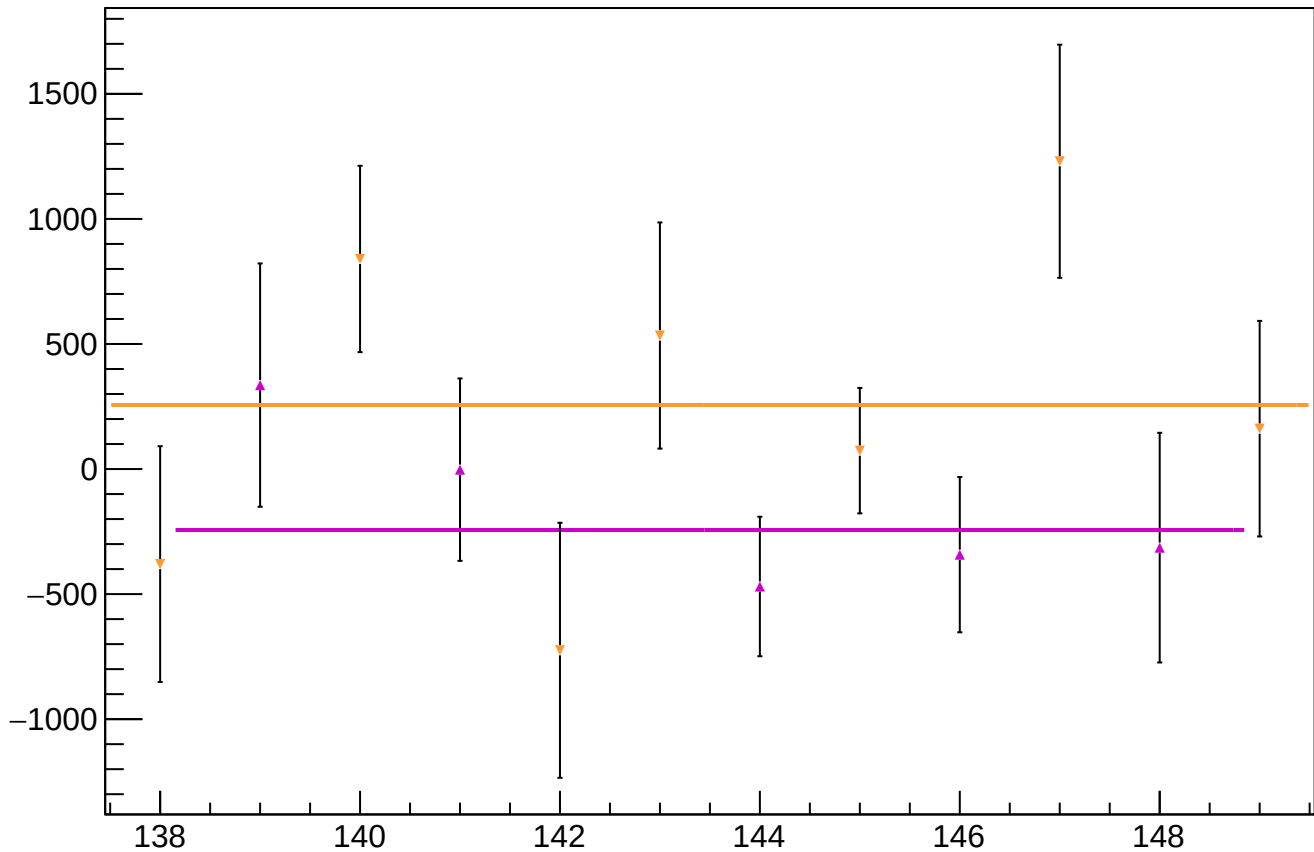
Left In: 51.954+/-0.019 χ^2/NDF : 111467.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.986+/-0.012 χ^2/NDF : 224605.0/11

- 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: 256.094+/-146.890 χ^2/NDF :13.3/6

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

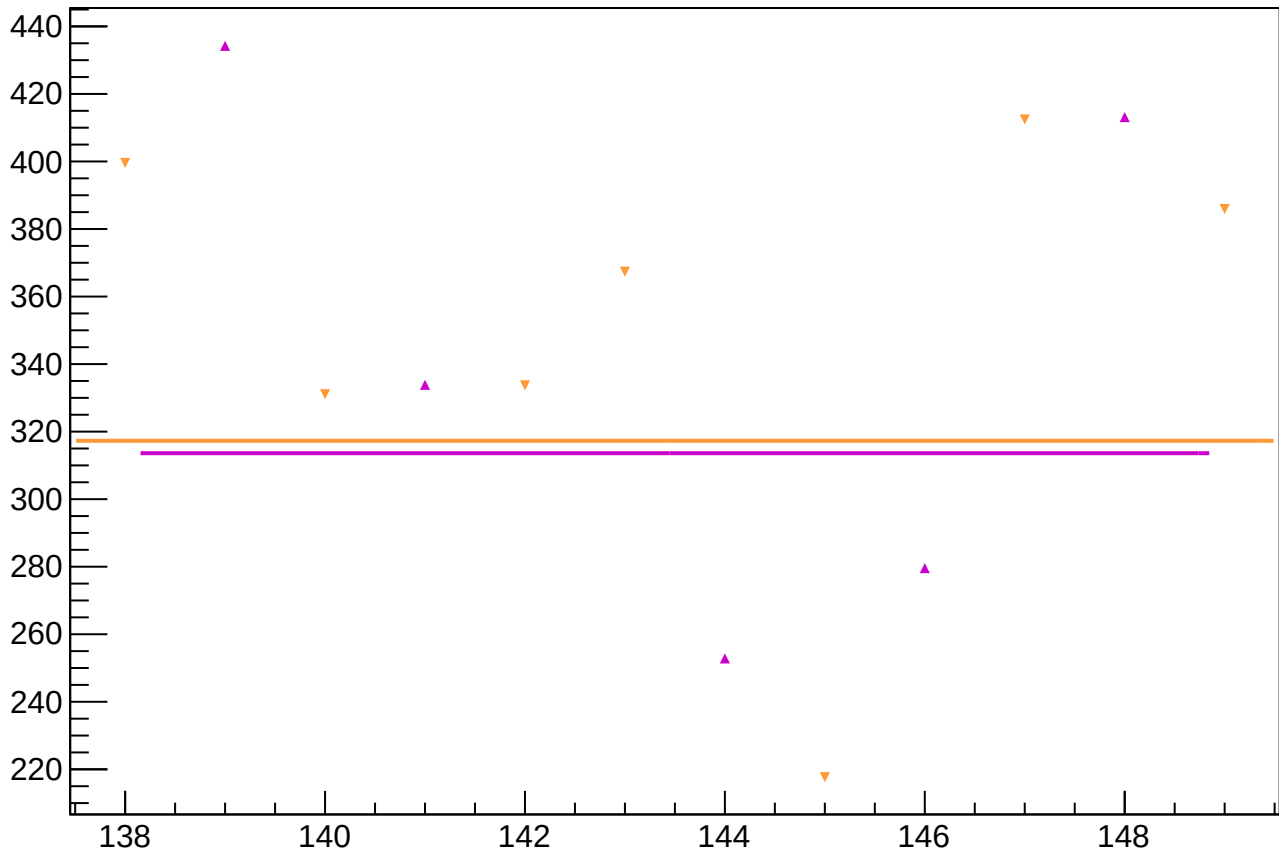
Left In: -243.730+/-158.667 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.417+/-107.790 χ^2/NDF : 21.3/11

- 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: 317.290+/-0.104 χ^2/NDF : 540176.1/6

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

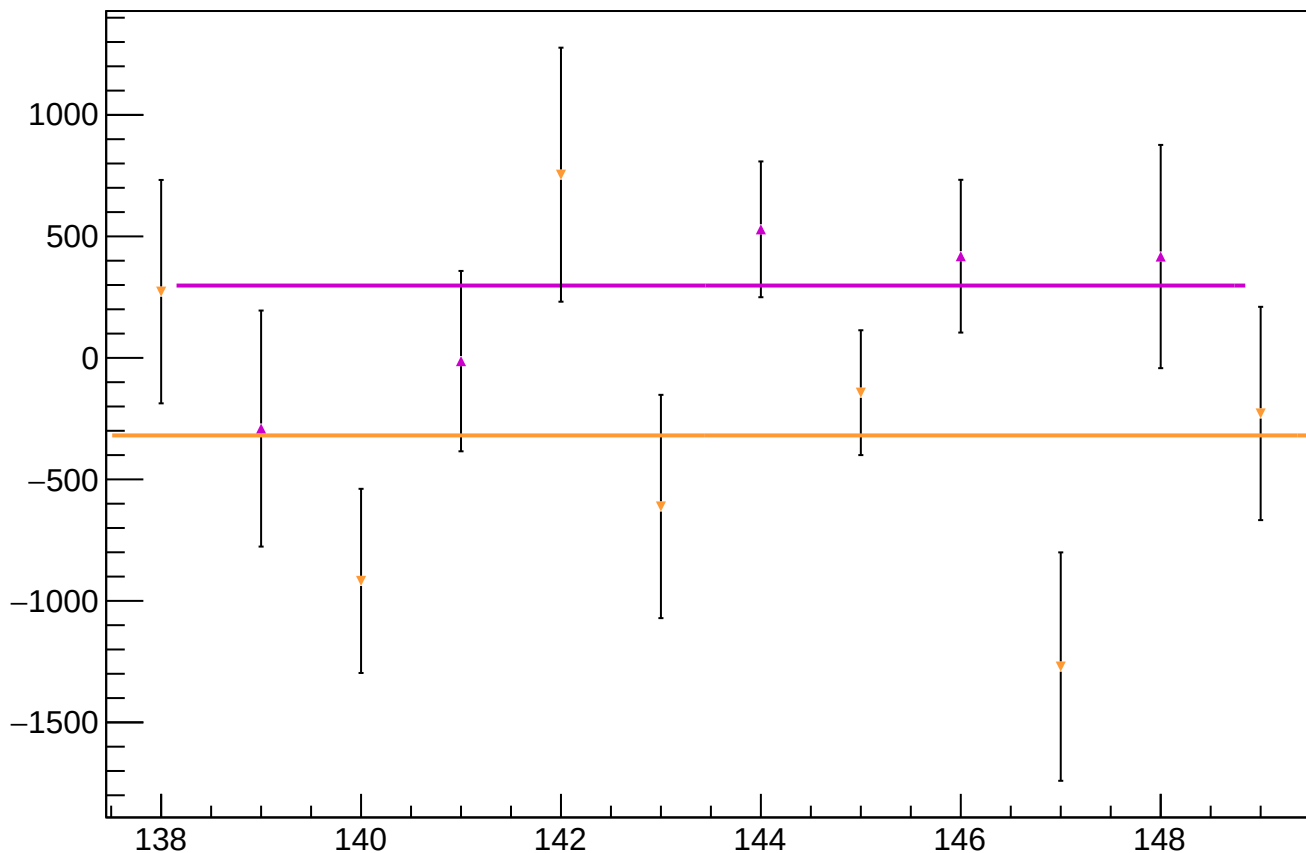
Left In: 313.611+/-0.112 χ^2/NDF : 342113.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.592+/-0.076 χ^2/NDF : 882869.1/11

- 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: -319.038+/-149.125 χ^2/NDF :13.4/6

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

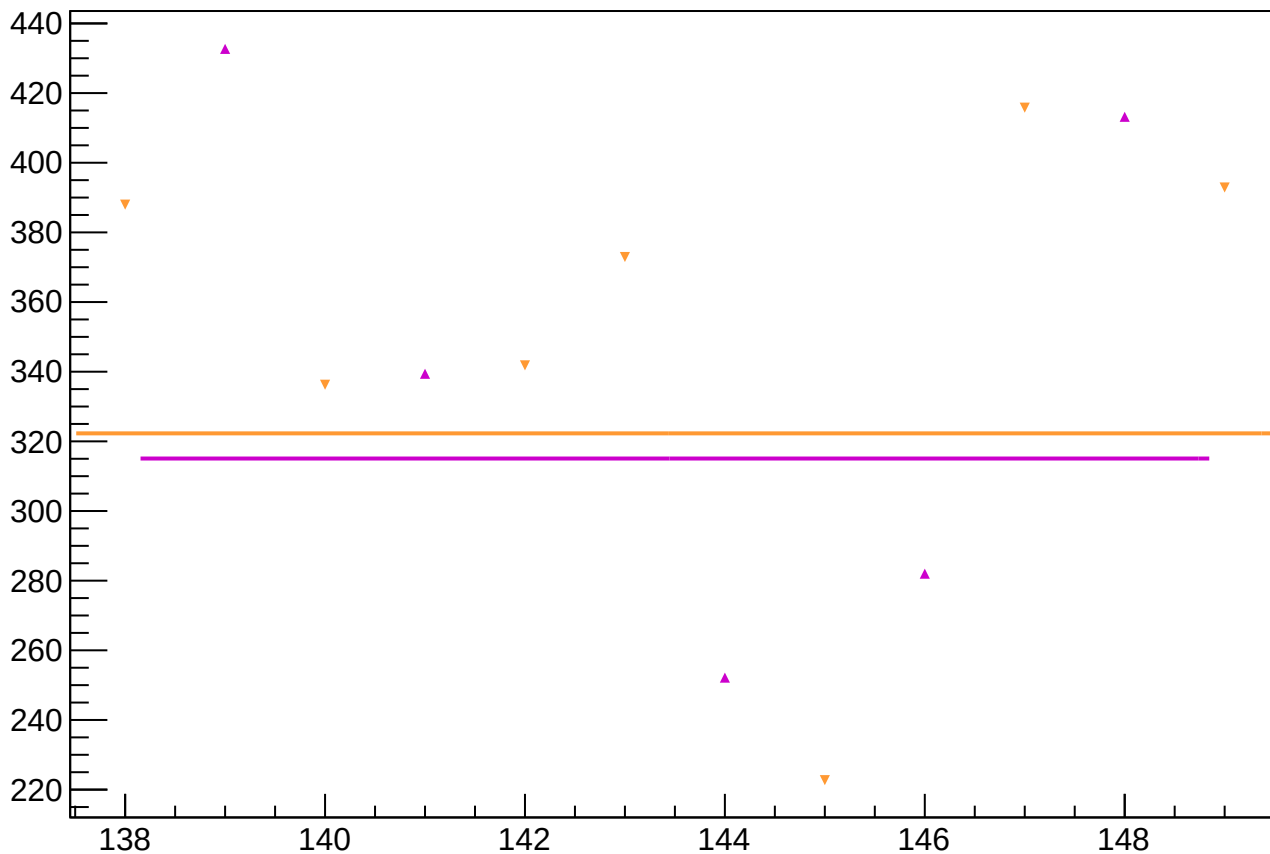
Left In: 297.714+/-159.788 χ^2/NDF :3.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.925+/-109.022 χ^2/NDF : 24.4/11

- 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: 322.294+/-0.105 χ^2/NDF : 502113.9/6

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

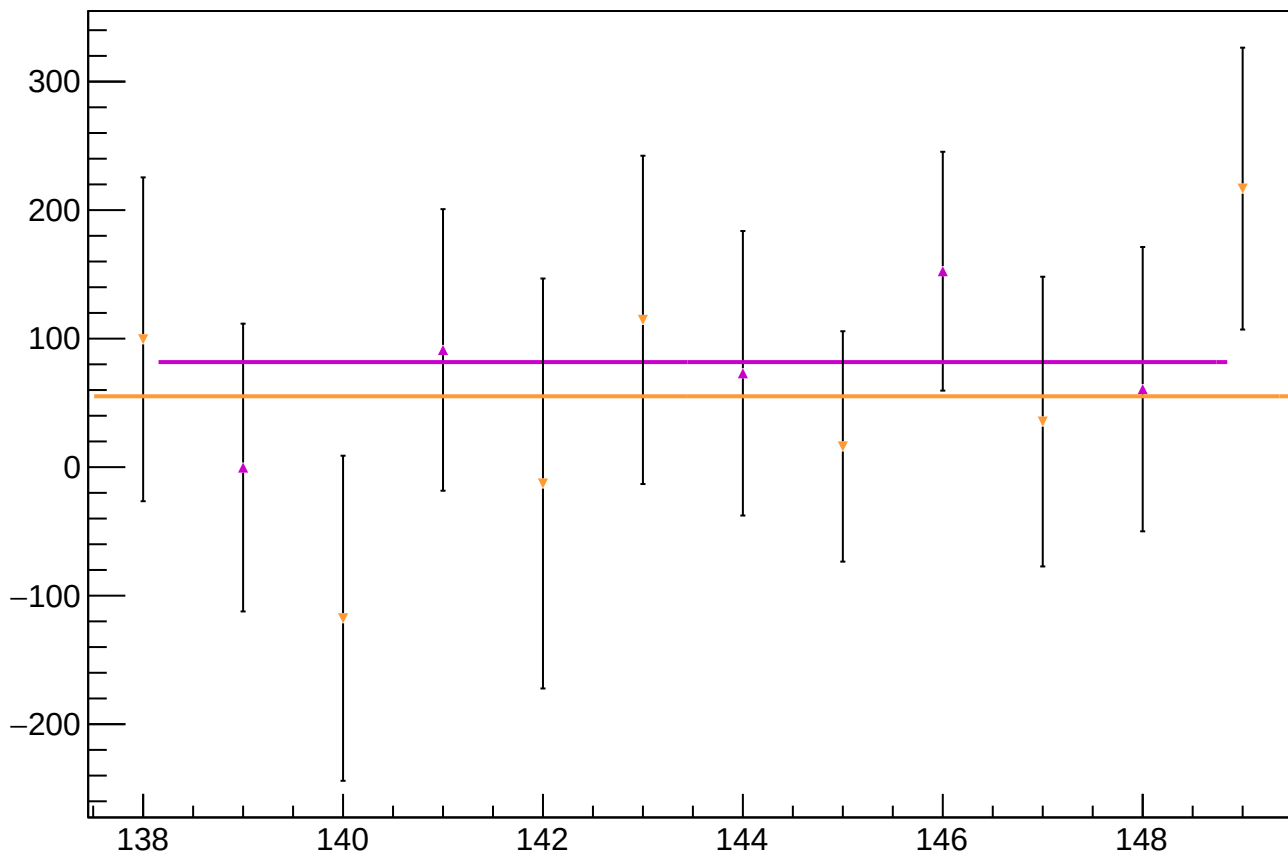
Left In: 315.069+/-0.113 χ^2/NDF : 340662.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.931+/-0.077 χ^2/NDF : 844961.9/11

- 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: 55.139+/-44.175 χ^2/NDF : 4.8/6

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

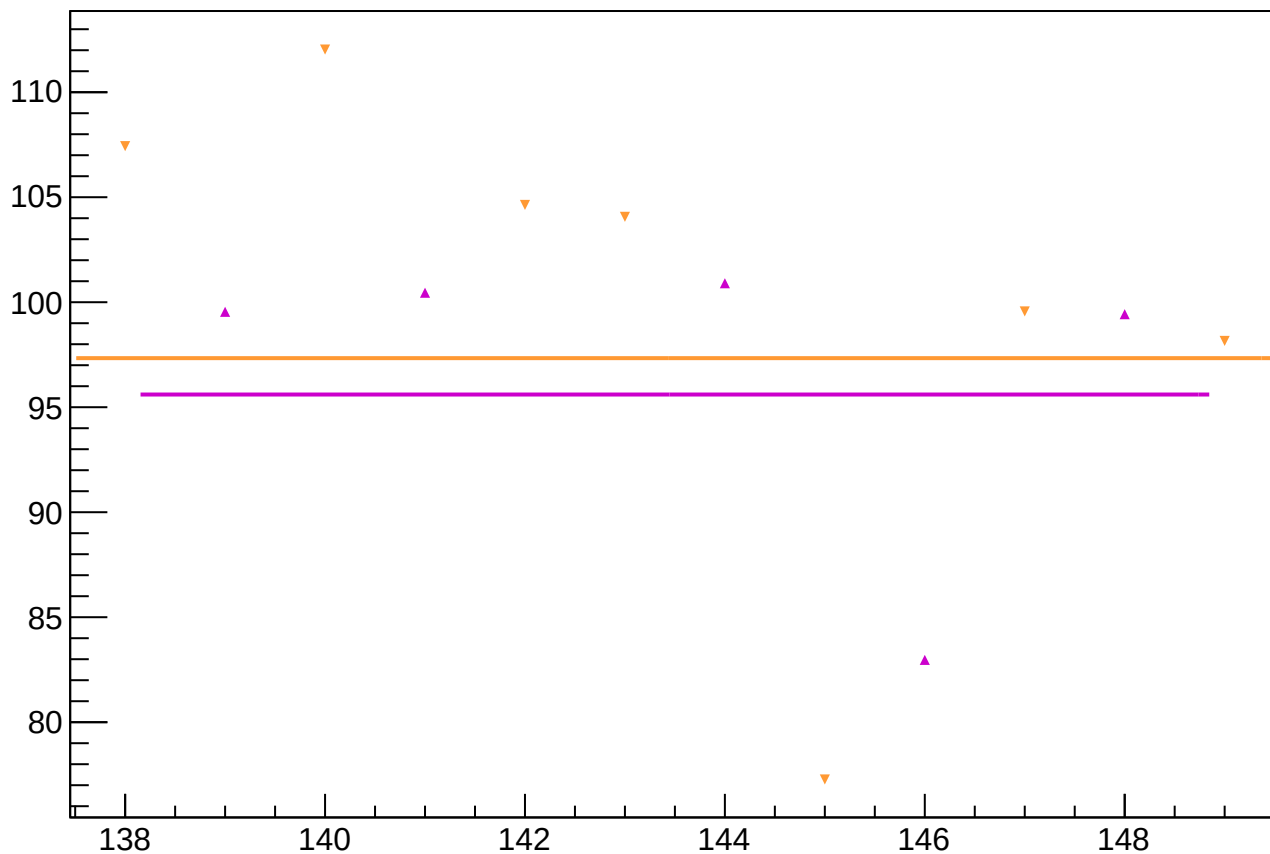
Left In: 81.747+/-47.551 χ^2/NDF : 1.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.465+/-32.364 χ^2/NDF : 6.1/11

- 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: 97.337+/-0.031 χ^2/NDF :150677.0/6

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

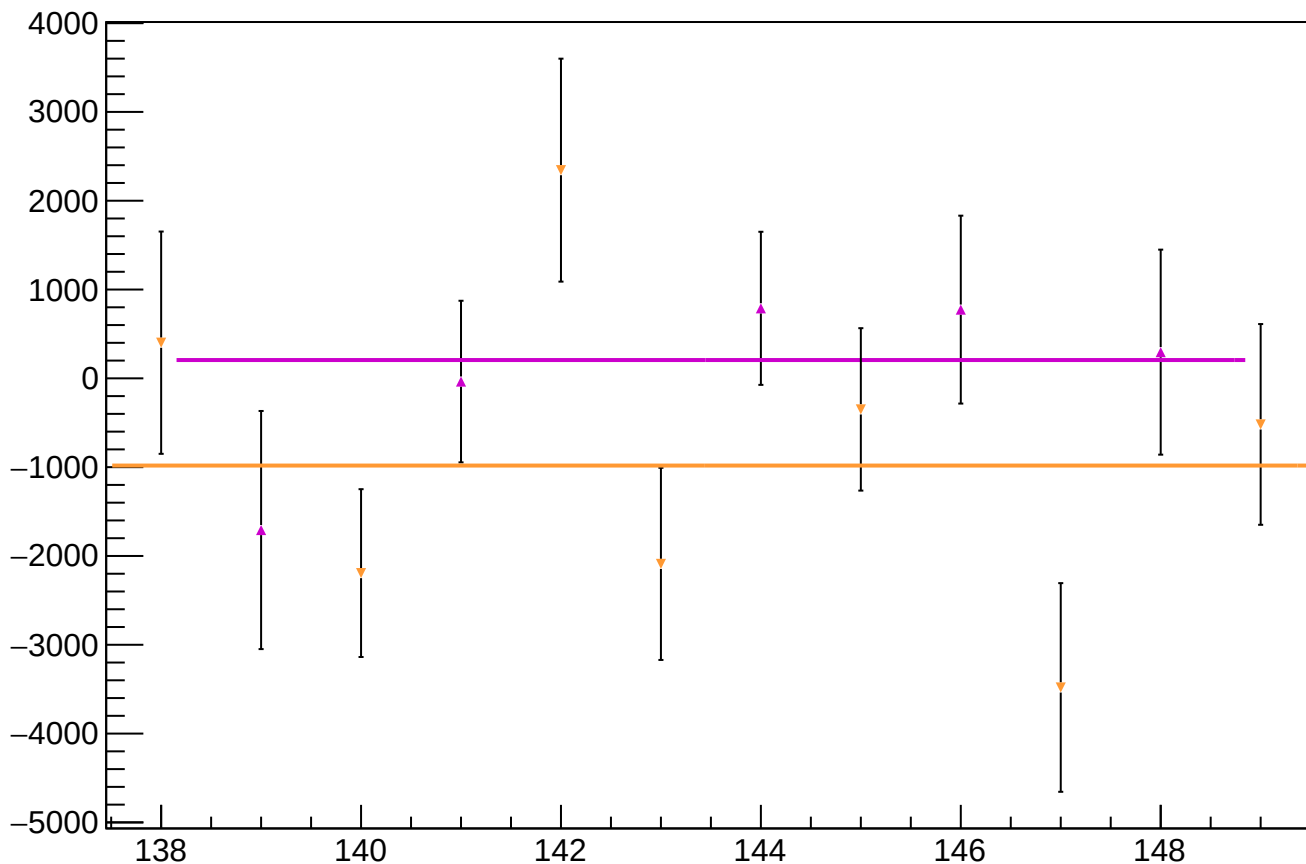
Left In: 95.604+/-0.034 χ^2/NDF :50353.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.534+/-0.023 χ^2/NDF : 202454.6/11

- 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: -981.951+/-409.918 χ^2/NDF : 16.1/6

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

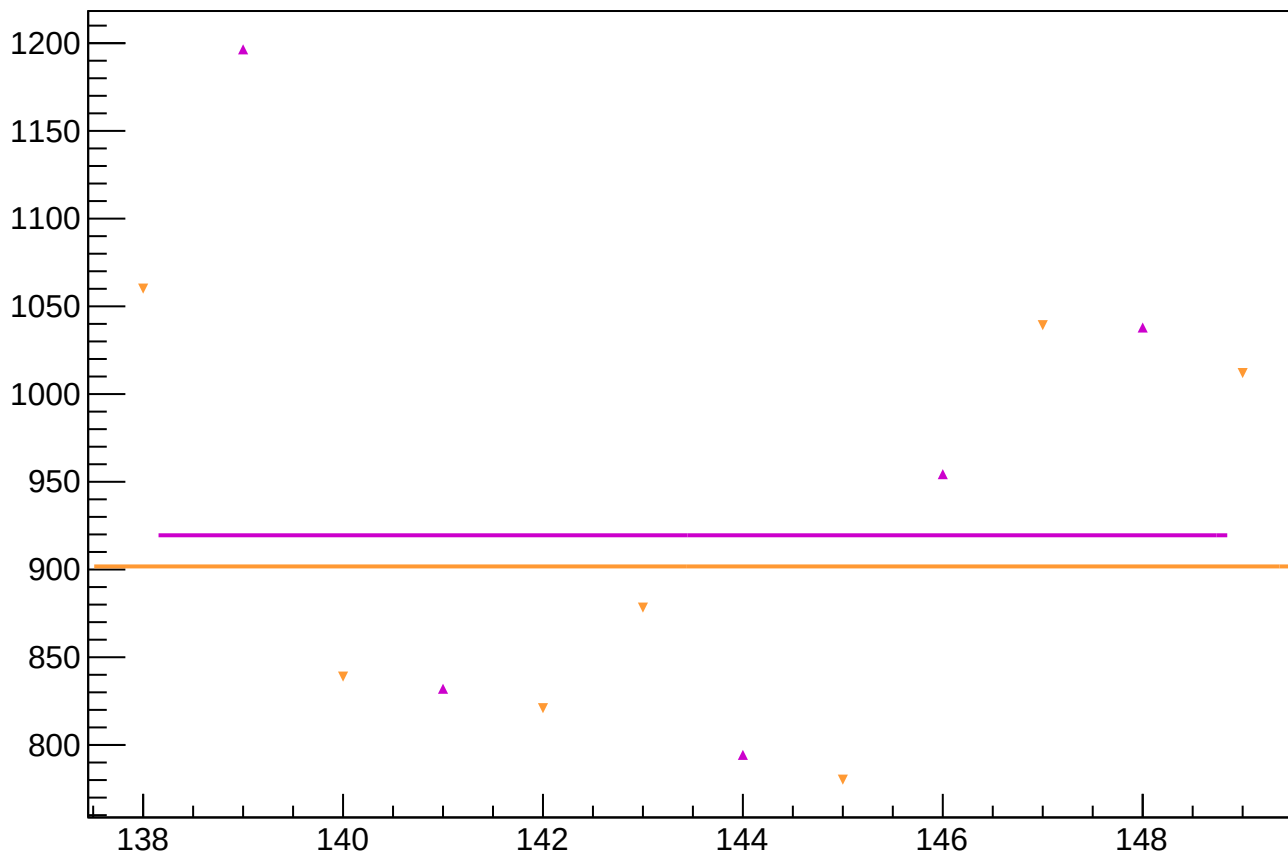
Left In: 206.118+/-458.583 χ^2/NDF : 2.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.280+/-305.618 χ^2/NDF : 22.7/11

- 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: 901.756+/-0.290 χ^2/NDF :131823.7/6

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

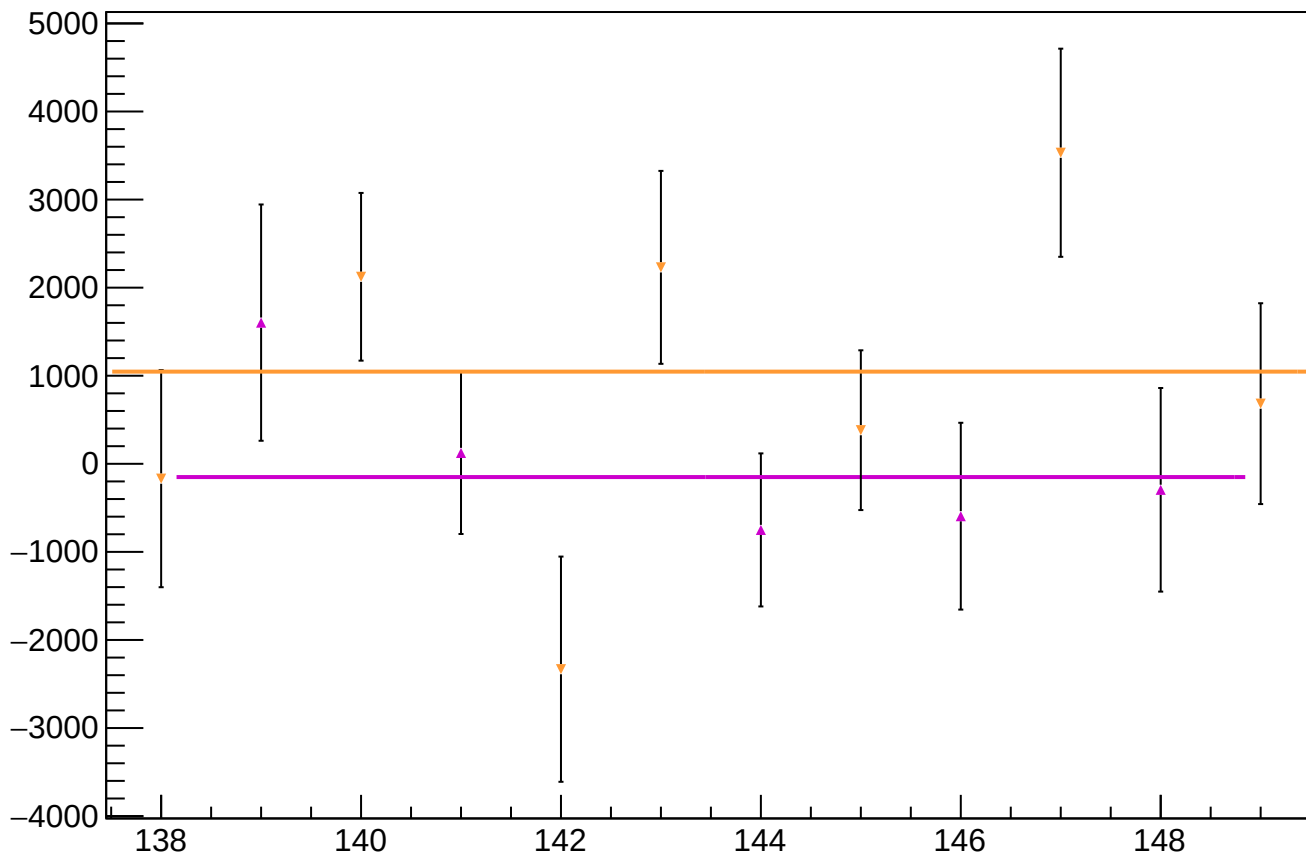
Left In: 919.512+/-0.324 χ^2/NDF :169248.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.642+/-0.216 χ^2/NDF : 302738.3/11

- 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: 1046.655+/-411.407 χ^2/NDF :15.5/6

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

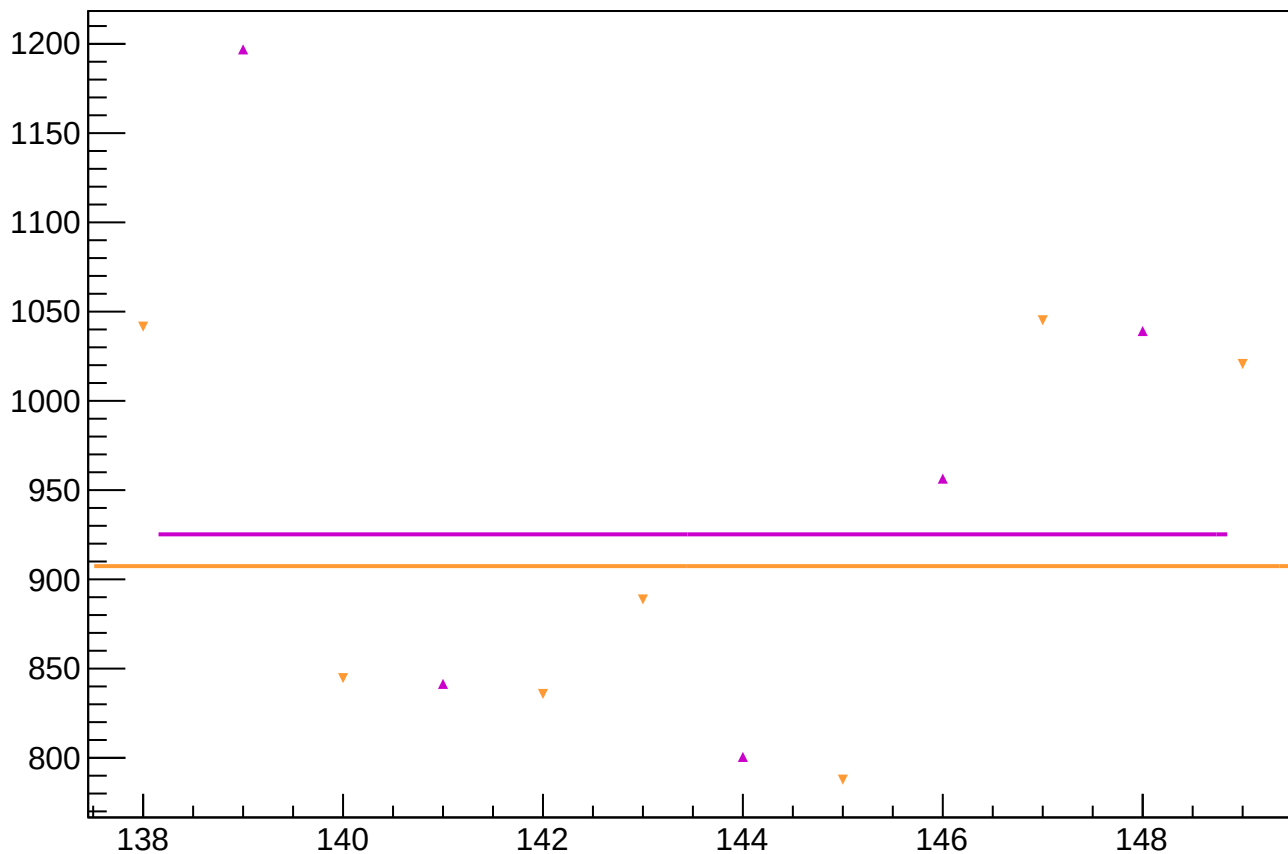
Left In: -150.467+/-461.348 χ^2/NDF :2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.373+/-307.053 χ^2/NDF : 21.7/11

- 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: 907.411+/-0.291 χ^2/NDF :120954.9/6

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

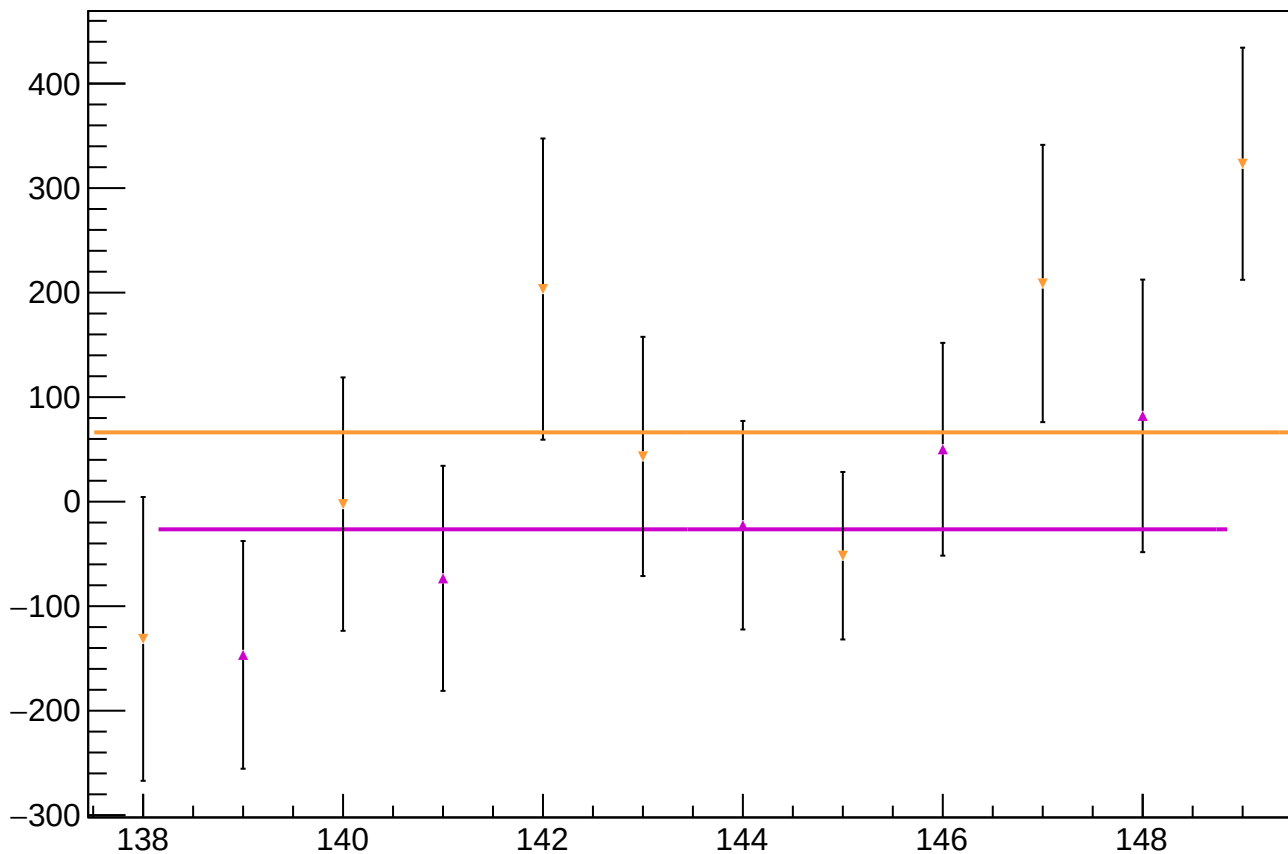
Left In: 925.217+/-0.326 χ^2/NDF :160981.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.298+/-0.217 χ^2/NDF : 283595.8/11

- 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: 66.307 +/- 43.013 χ^2/NDF : 12.1/6

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

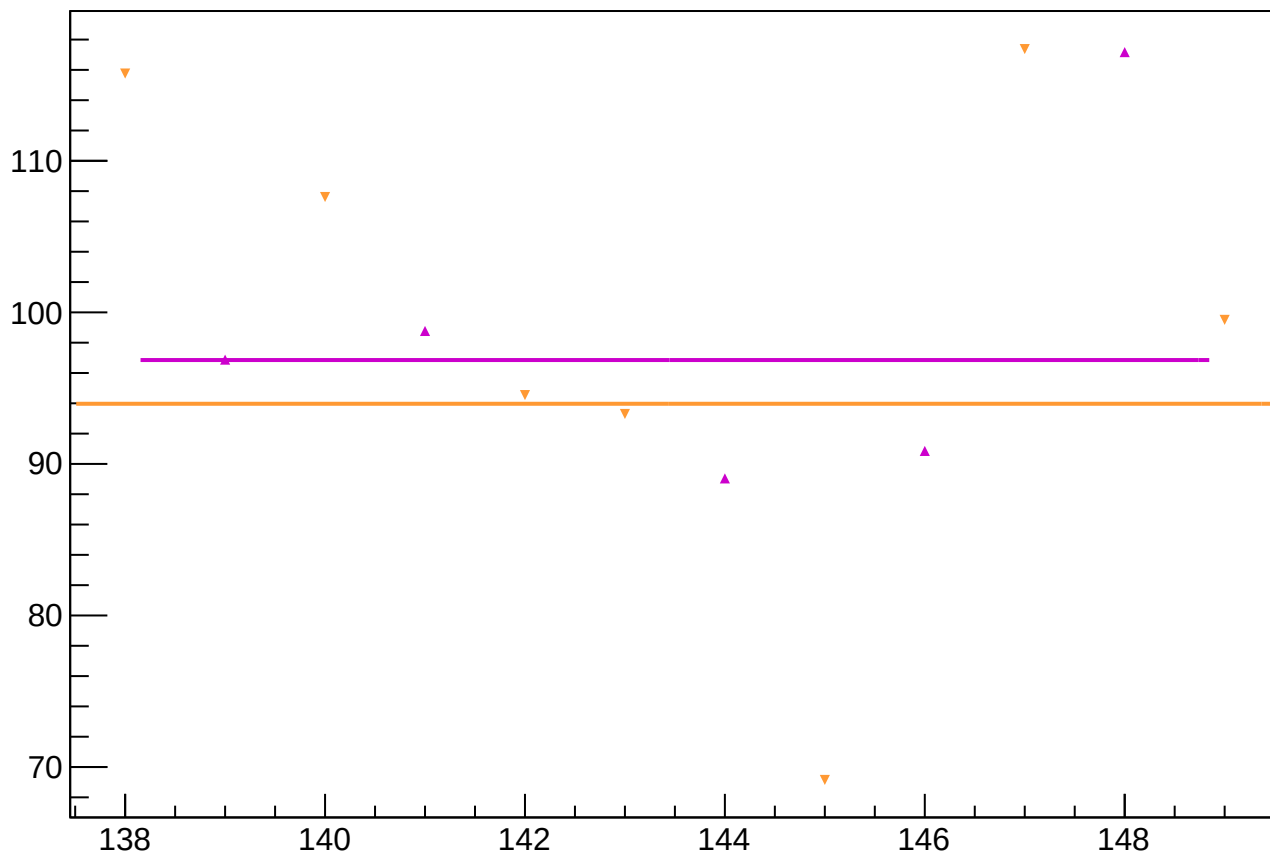
Left In: -26.463 +/- 48.428 χ^2/NDF : 2.7/4

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 25.397 +/- 32.160 χ^2/NDF : 16.8/11

- 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: 93.969+/-0.030 χ^2/NDF : 336079.7/6

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

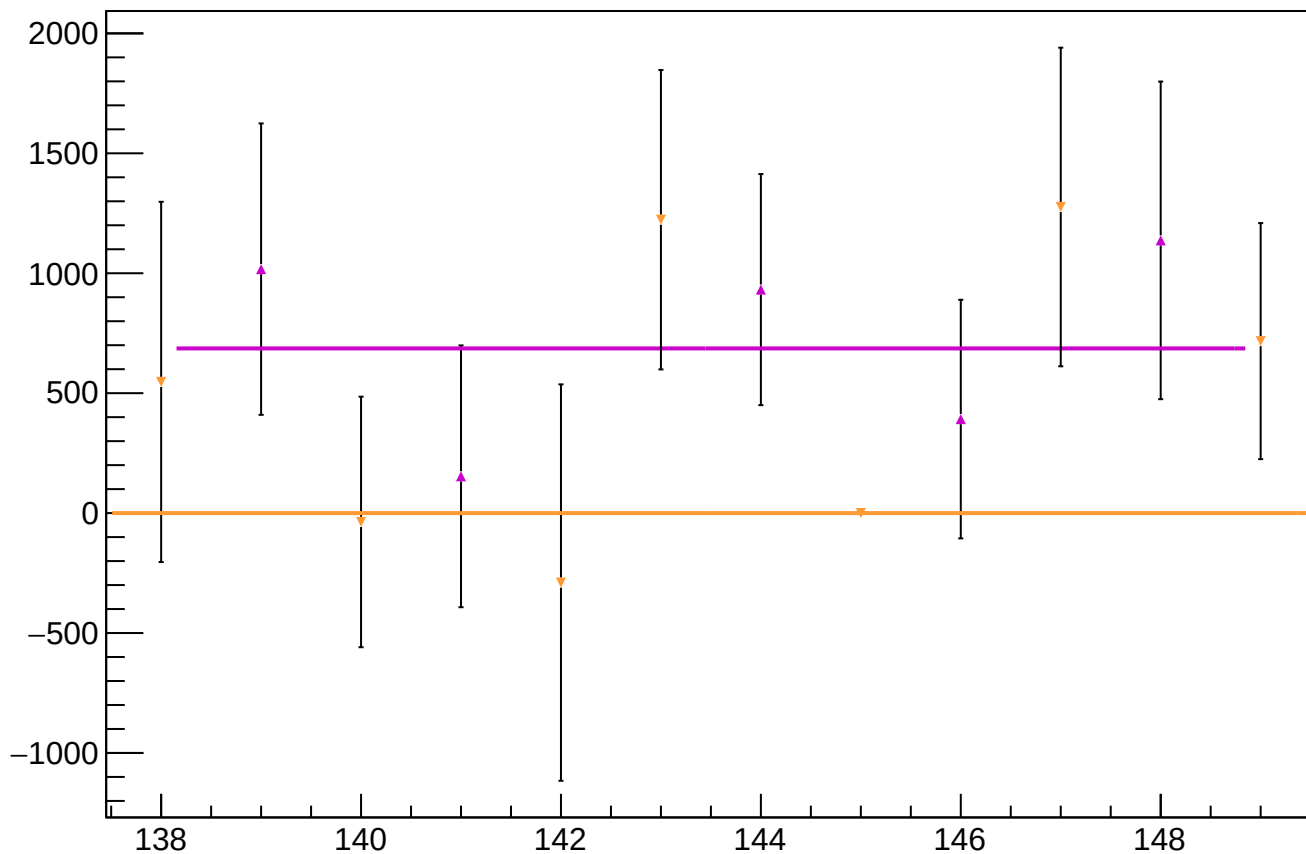
Left In: 96.855+/-0.034 χ^2/NDF : 68409.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.242+/-0.023 χ^2/NDF : 408458.6/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000+/-0.000 χ^2/NDF : 10.3/6

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

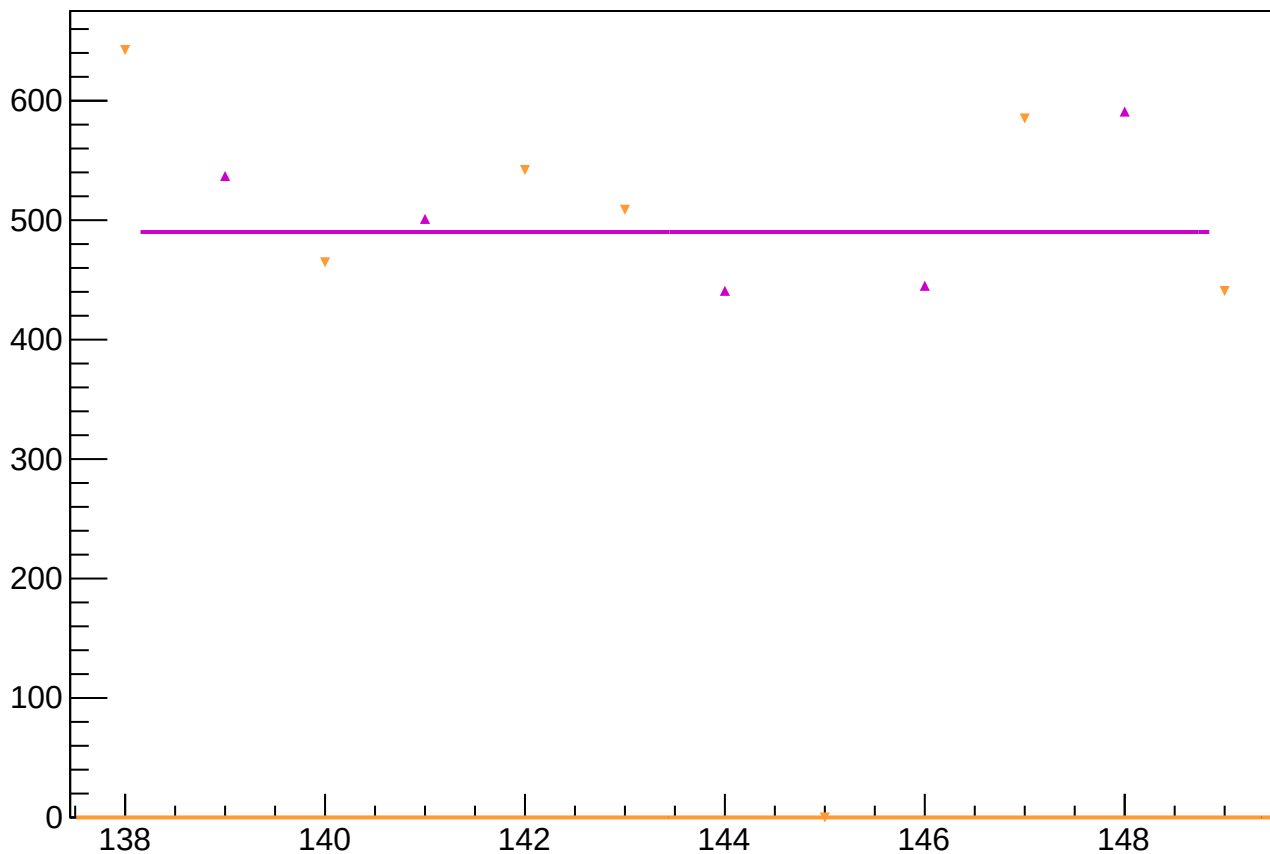
Left In: 686.518+/-244.695 χ^2/NDF : 2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.5/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF : 8392573.9/6

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

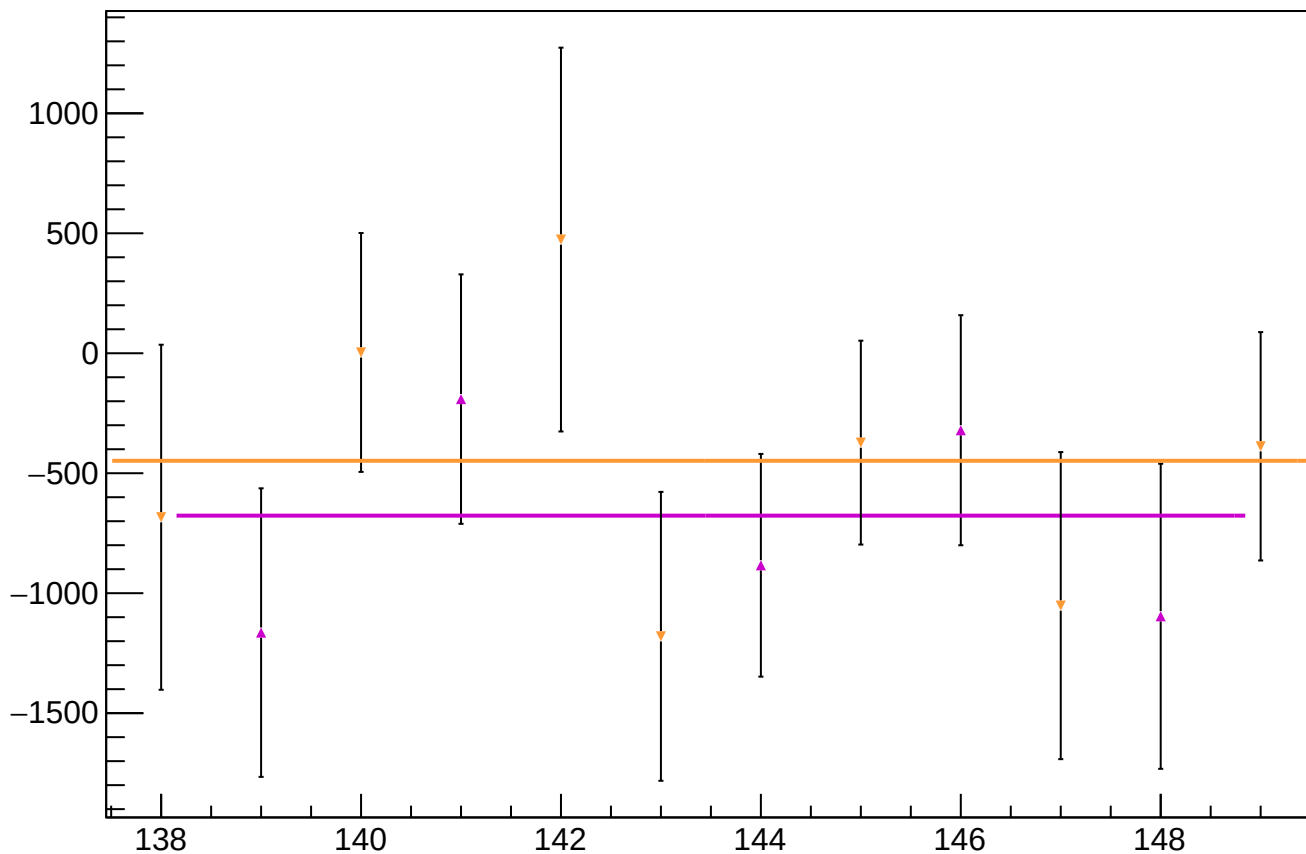
Left In: 490.099+/-0.173 χ^2/NDF : 96383.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16512166.9/11

- 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: -448.117+/-209.934 χ^2/NDF : 4.7/6

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

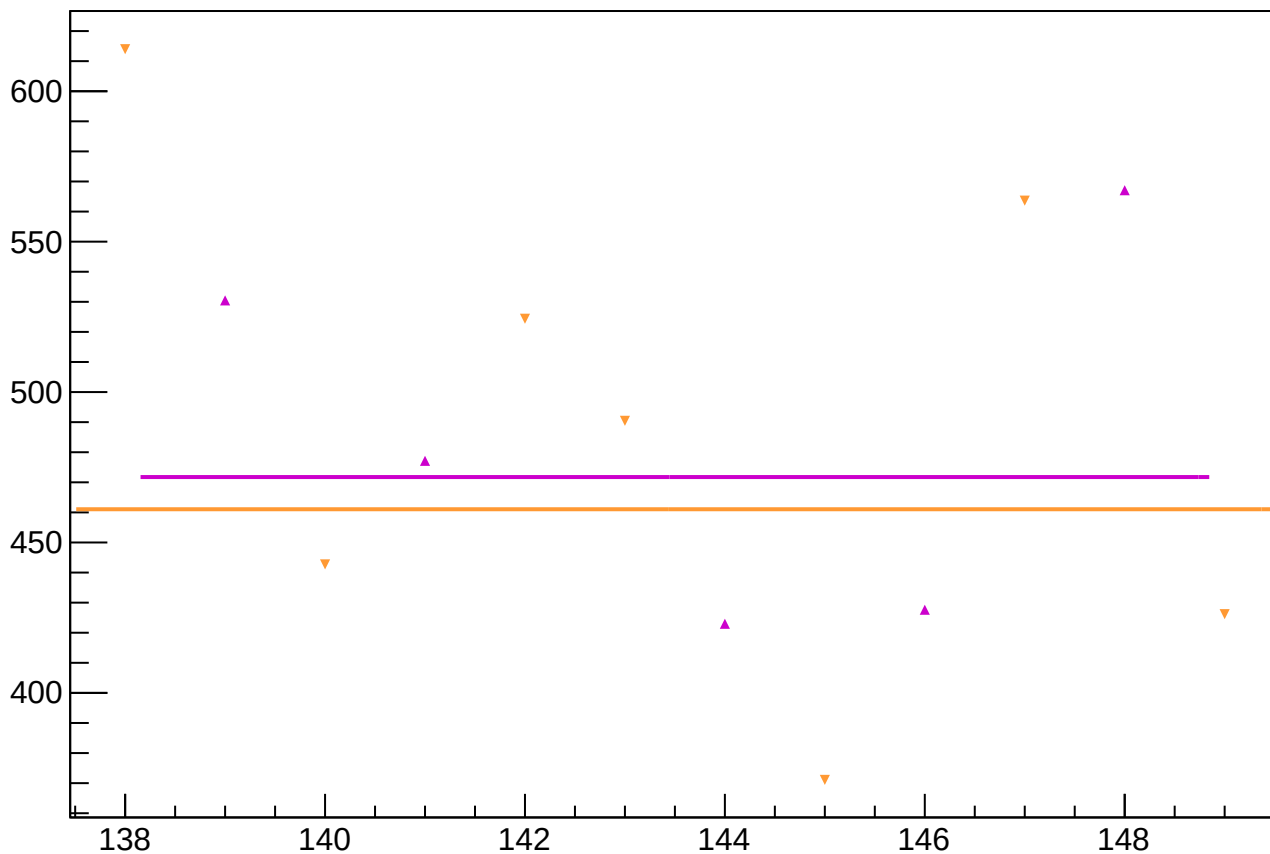
Left In: -676.790+/-236.152 χ^2/NDF : 2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -549.060+/-156.899 χ^2/NDF : 7.9/11

- 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: 461.049+/-0.148 χ^2/NDF : 262306.5/6

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

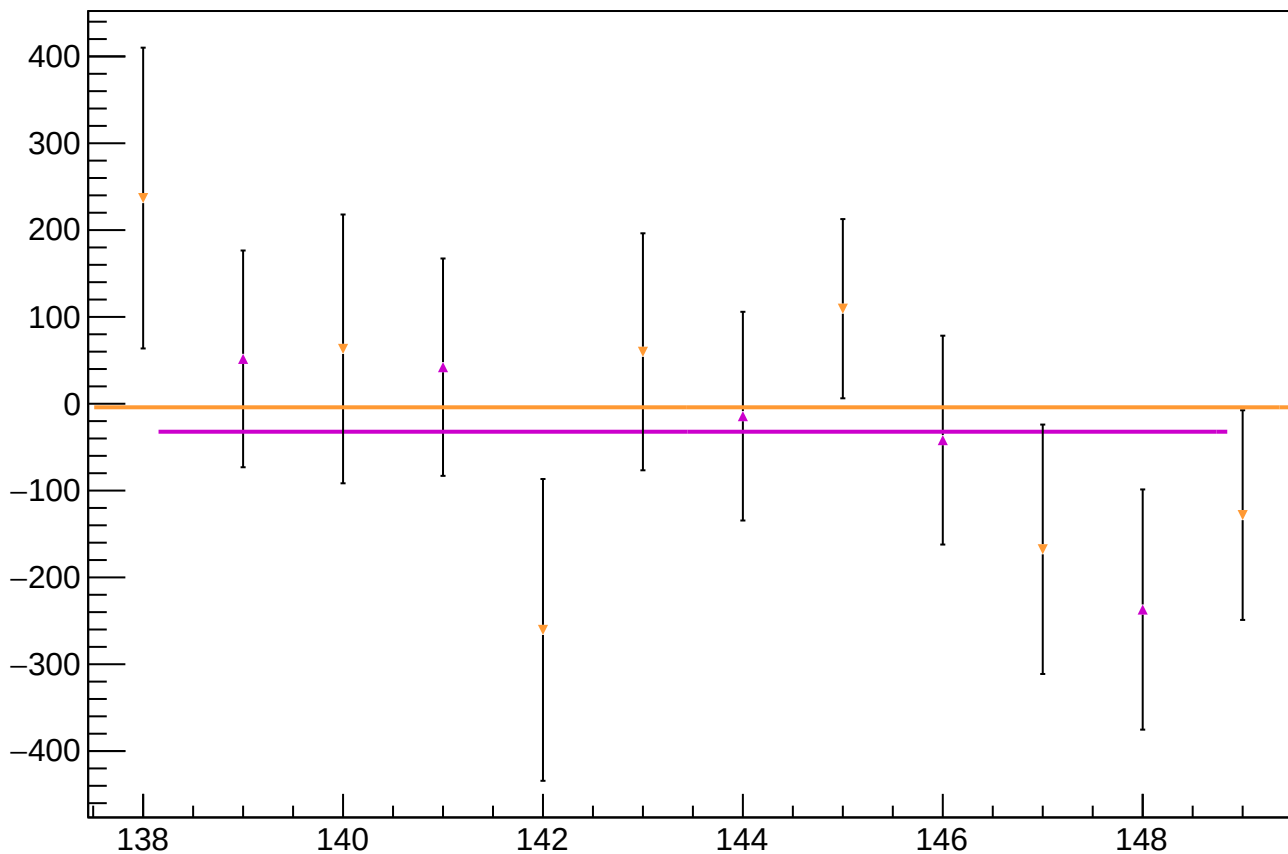
Left In: 471.751+/-0.167 χ^2/NDF : 103271.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.773+/-0.111 χ^2/NDF : 367872.2/11

- 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: -4.089+/-51.789 χ^2/NDF : 8.1/6

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

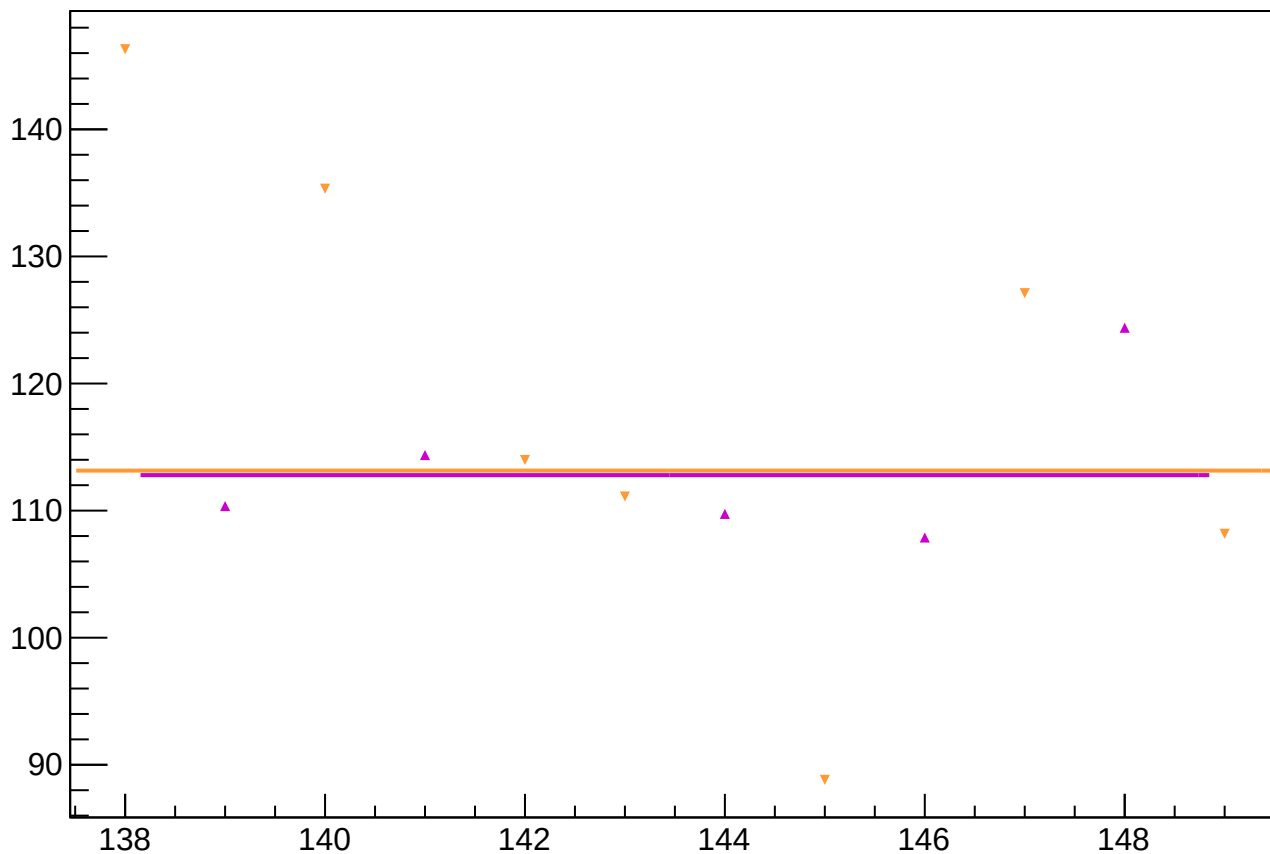
Left In: -32.217+/-56.018 χ^2/NDF : 3.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.051+/-38.028 χ^2/NDF : 11.2/11

- 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: 113.149+/-0.037 χ^2/NDF : 248323.8/6

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

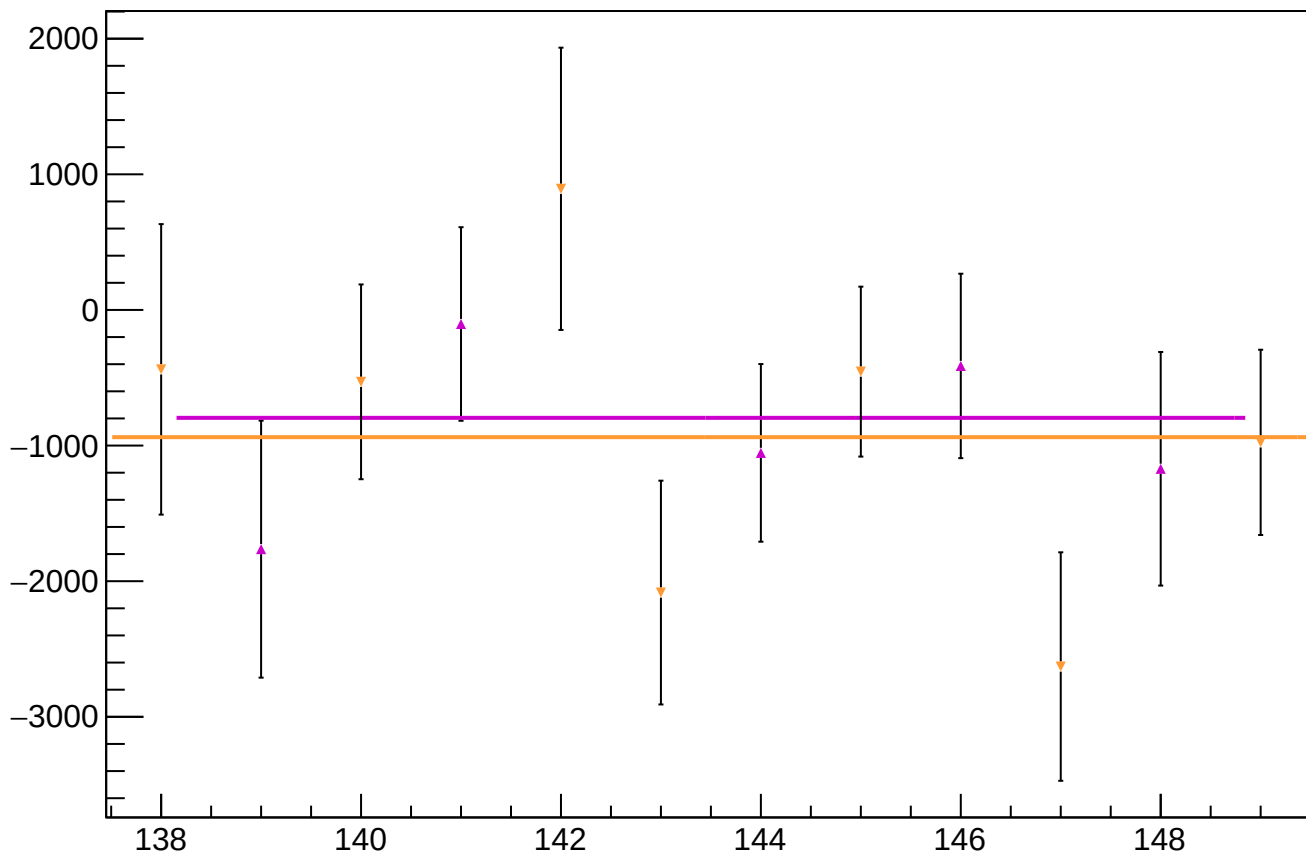
Left In: 112.794+/-0.040 χ^2/NDF : 19755.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.986+/-0.027 χ^2/NDF : 268122.6/11

- 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: -938.042+/-297.413 χ^2/NDF :10.2/6

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

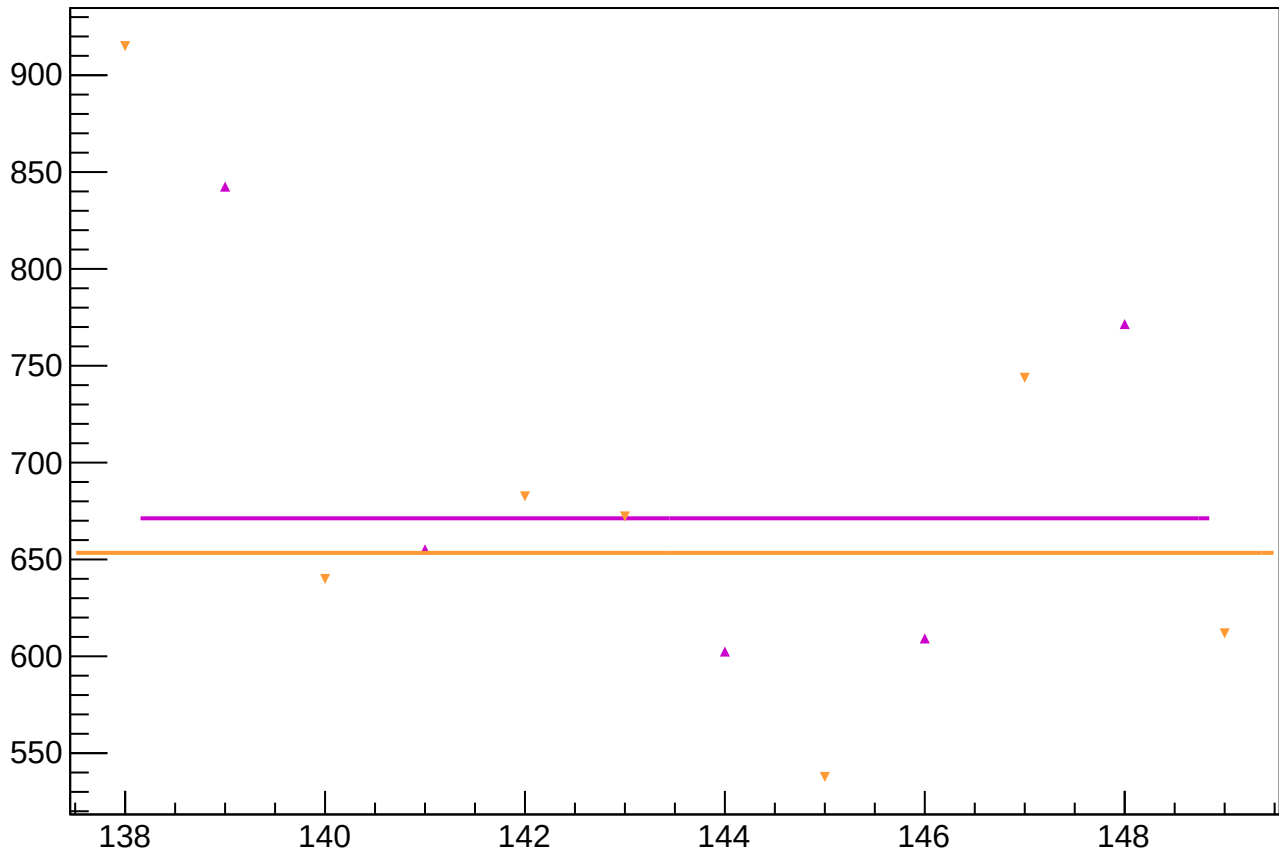
Left In: -795.565+/-334.829 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -875.206+/-222.360 χ^2/NDF : 12.9/11

- 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: 653.401+/-0.210 χ^2/NDF : 221266.4/6

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

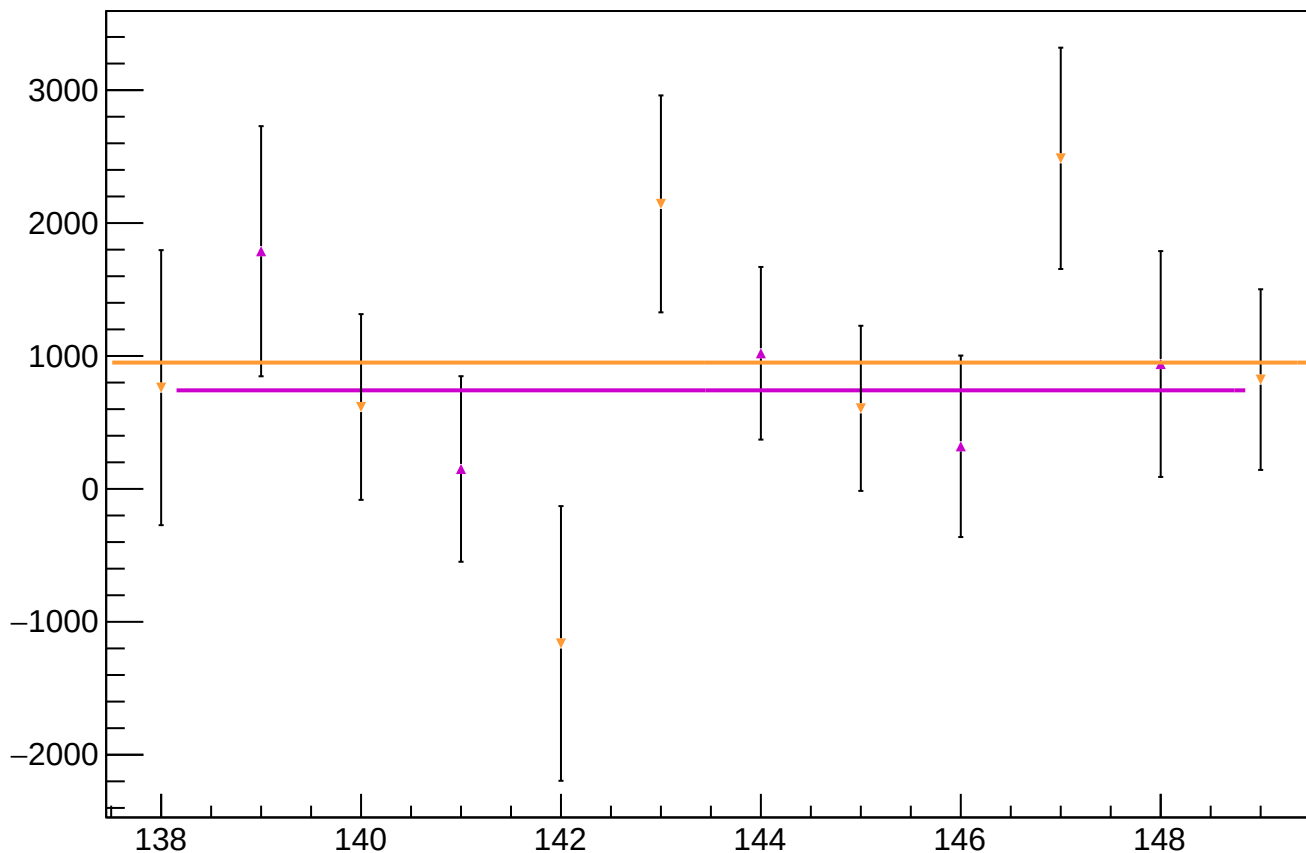
Left In: 671.240+/-0.237 χ^2/NDF : 132146.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.269+/-0.157 χ^2/NDF : 356586.3/11

- 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: 950.409+/-293.339 χ^2/NDF :10.3/6

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

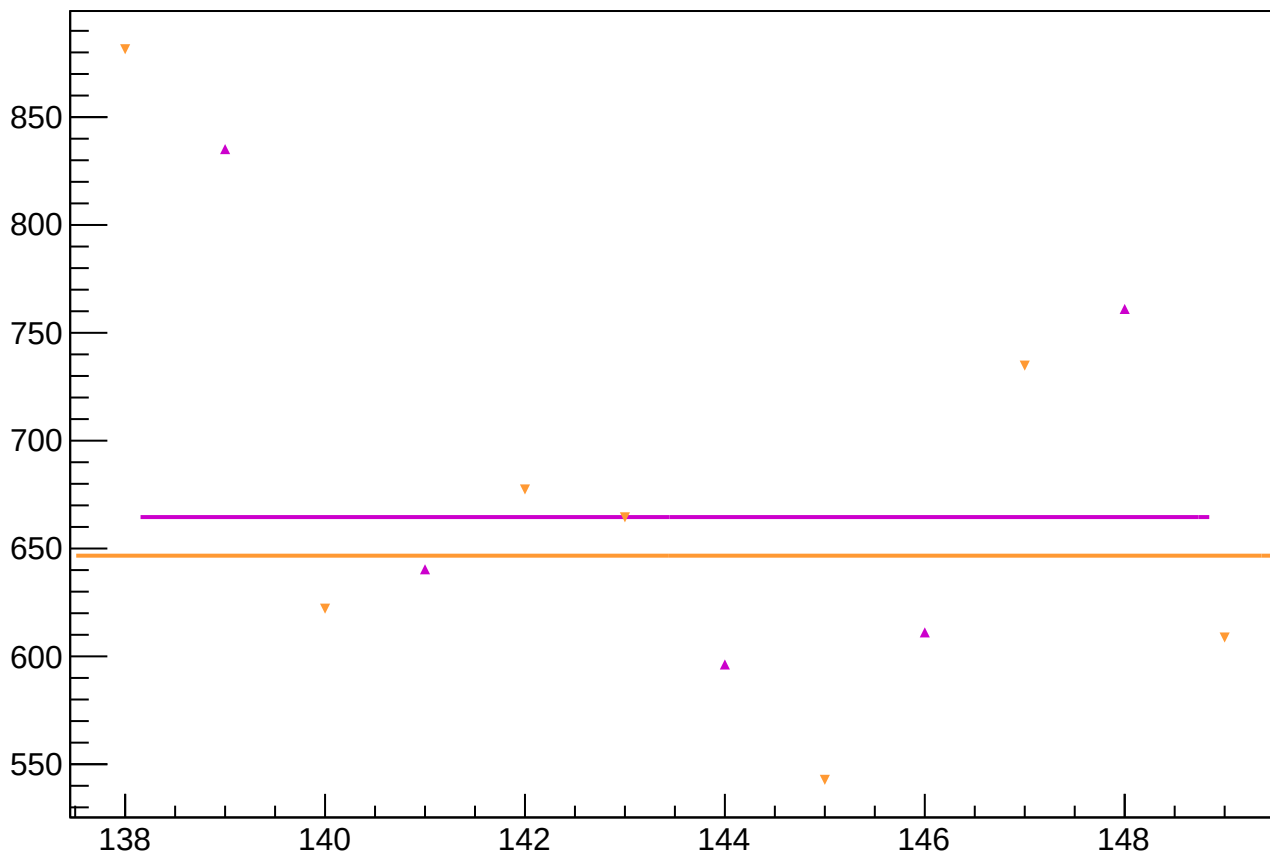
Left In: 741.526+/-331.775 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.763+/-219.760 χ^2/NDF : 13.1/11

- 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: 646.683+/-0.207 χ^2/NDF :192825.5/6

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

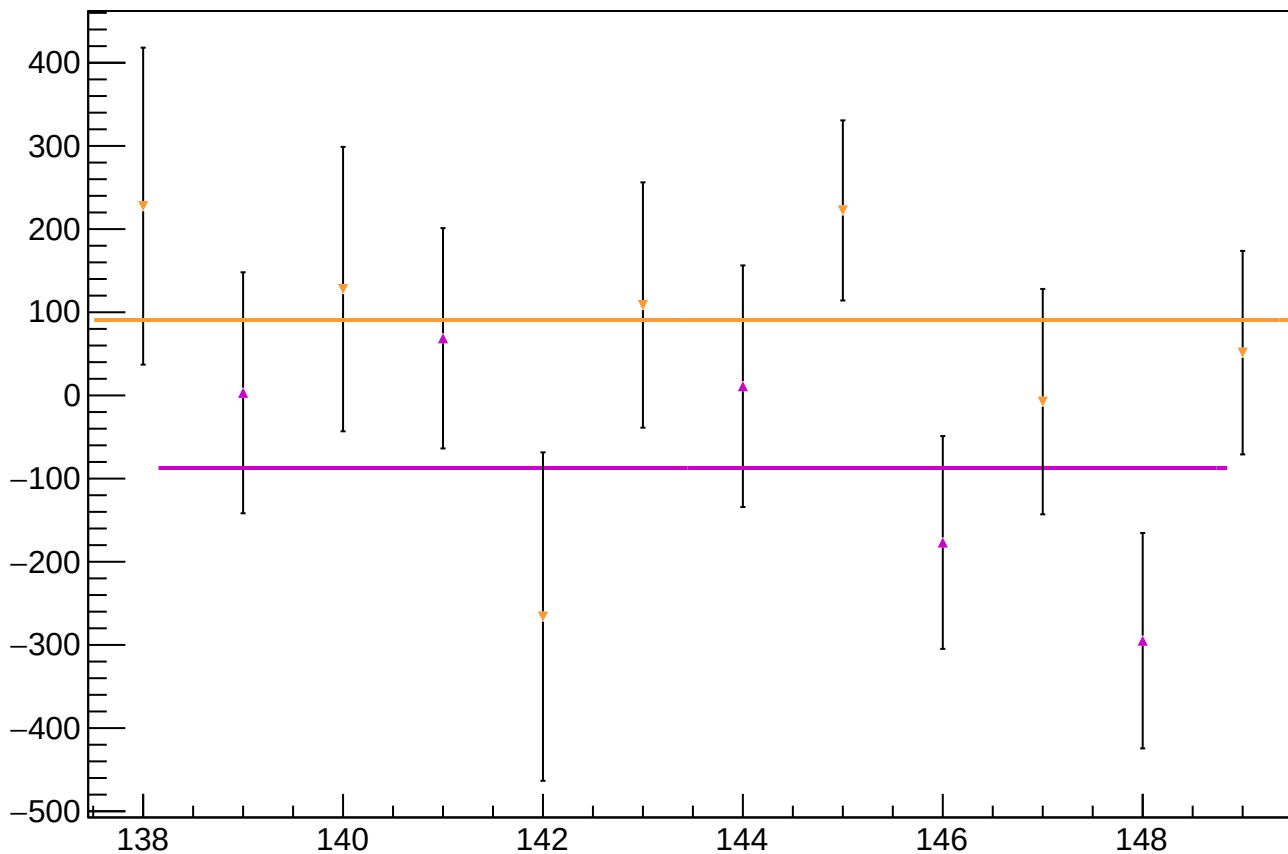
Left In: 664.581+/-0.235 χ^2/NDF :128367.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.536+/-0.155 χ^2/NDF : 324459.3/11

- 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: 90.684 $\pm$ 54.240 χ^2 /NDF:5.9/6

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

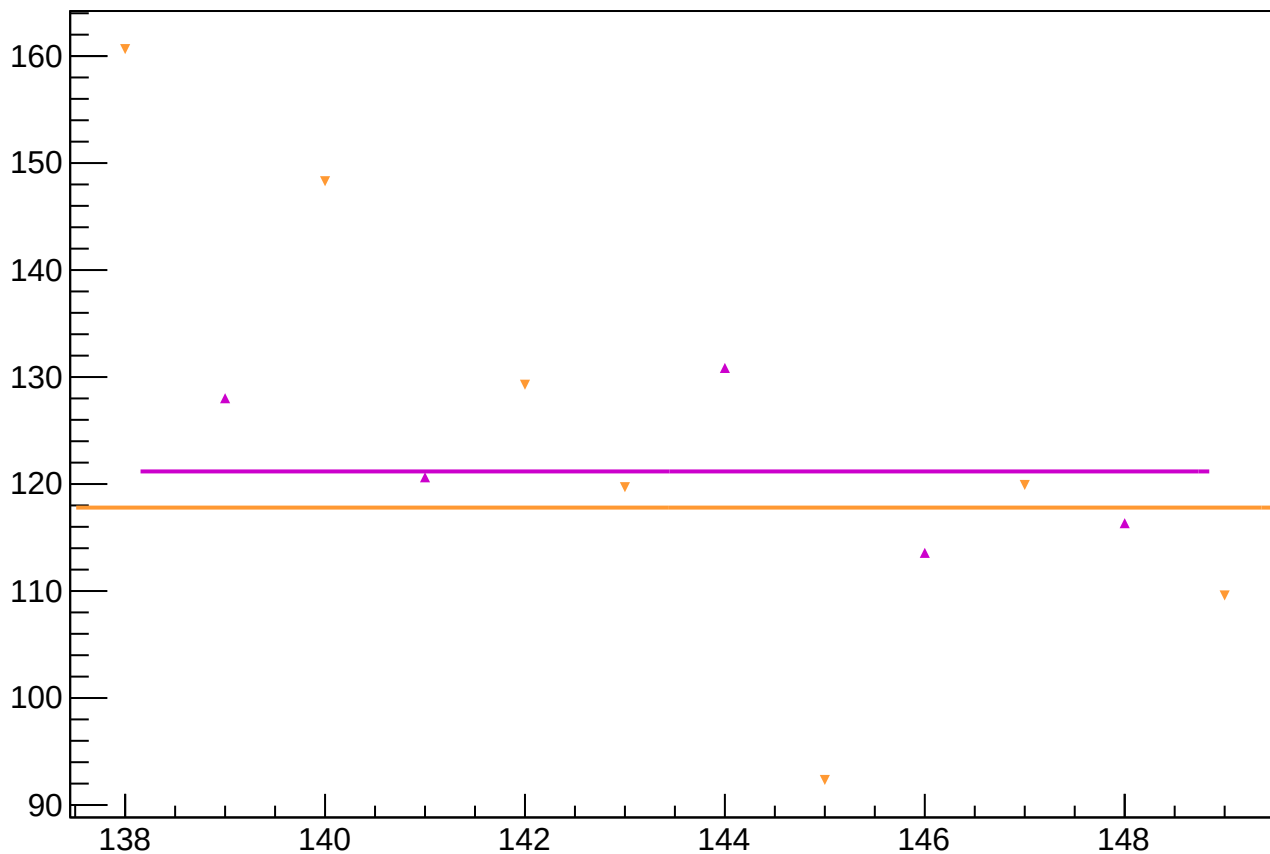
Left In: -87.244 $\pm$ 60.554 χ^2 /NDF:5.3/4

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

All: 11.477 $\pm$ 40.402 χ^2 /NDF: 16.0/11

- 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: 117.798+/-0.038 χ^2/NDF : 291959.0/6

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

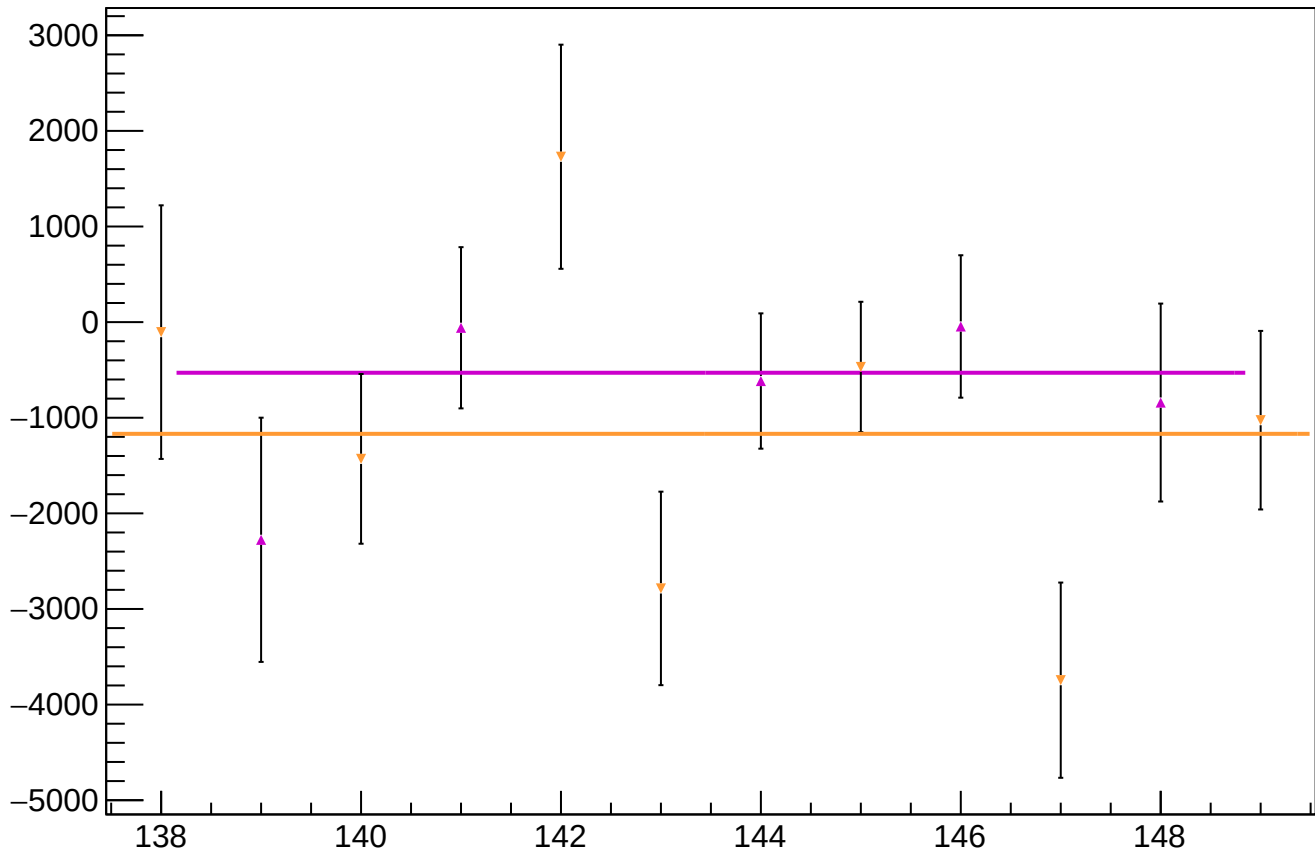
Left In: 121.177+/-0.043 χ^2/NDF : 23229.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.302+/-0.029 χ^2/NDF : 318643.8/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1168.329+/-358.029 χ^2/NDF :16.8/6

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

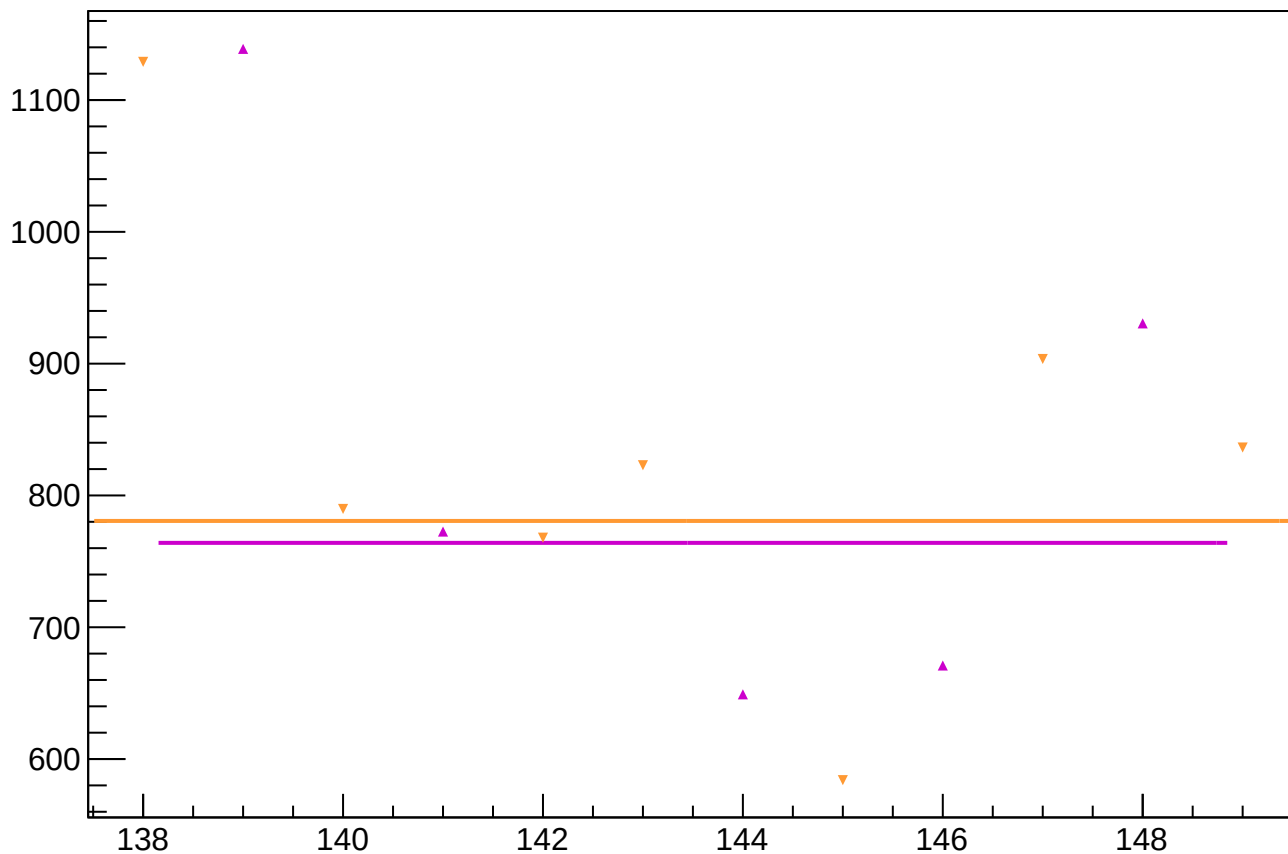
Left In: -529.517+/-384.794 χ^2/NDF :2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -871.911+/-262.116 χ^2/NDF : 21.0/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 780.660+/-0.253 χ^2/NDF : 344490.0/6

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

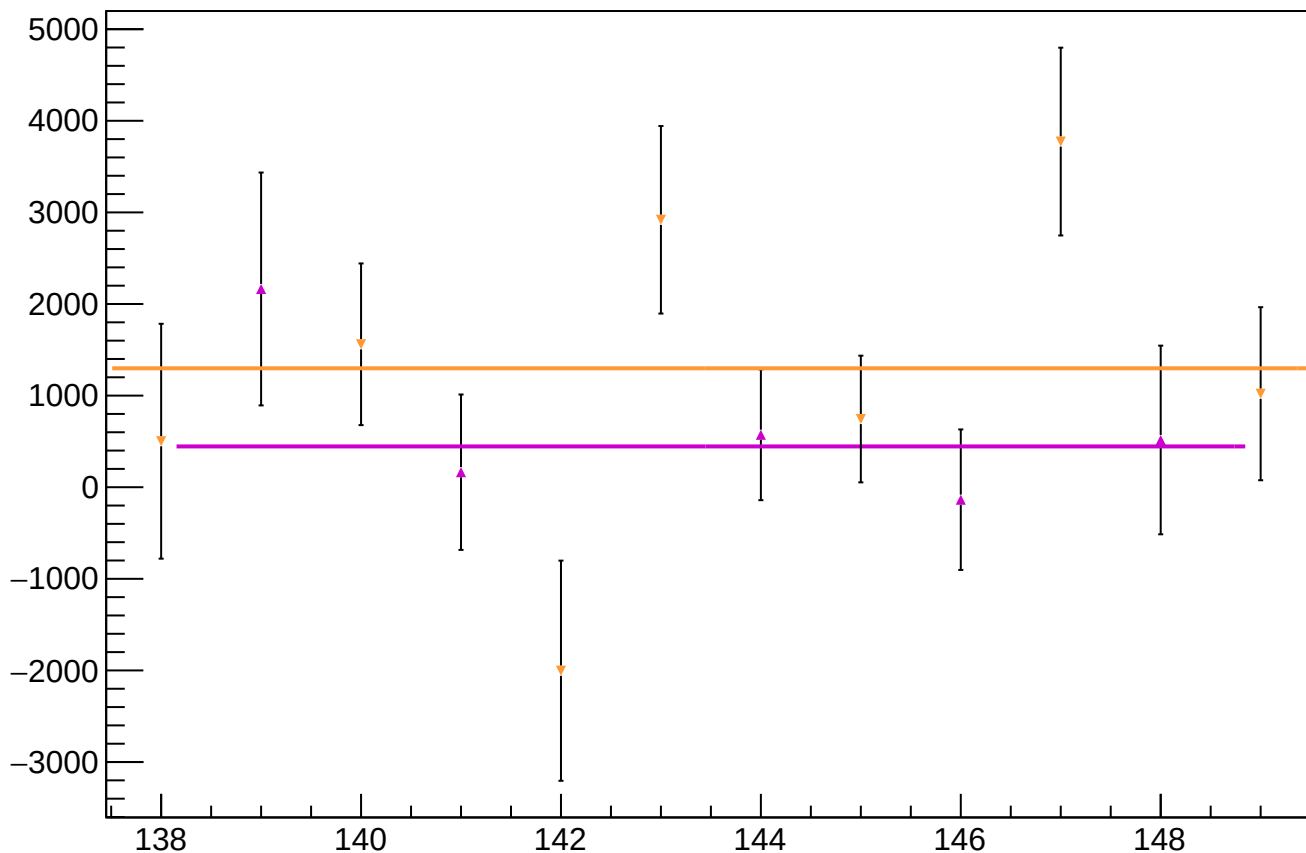
Left In: 764.027+/-0.272 χ^2/NDF : 308218.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.942+/-0.185 χ^2/NDF : 654711.9/11

- 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: 1298.160+/-360.295 χ^2/NDF : 17.1/6

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

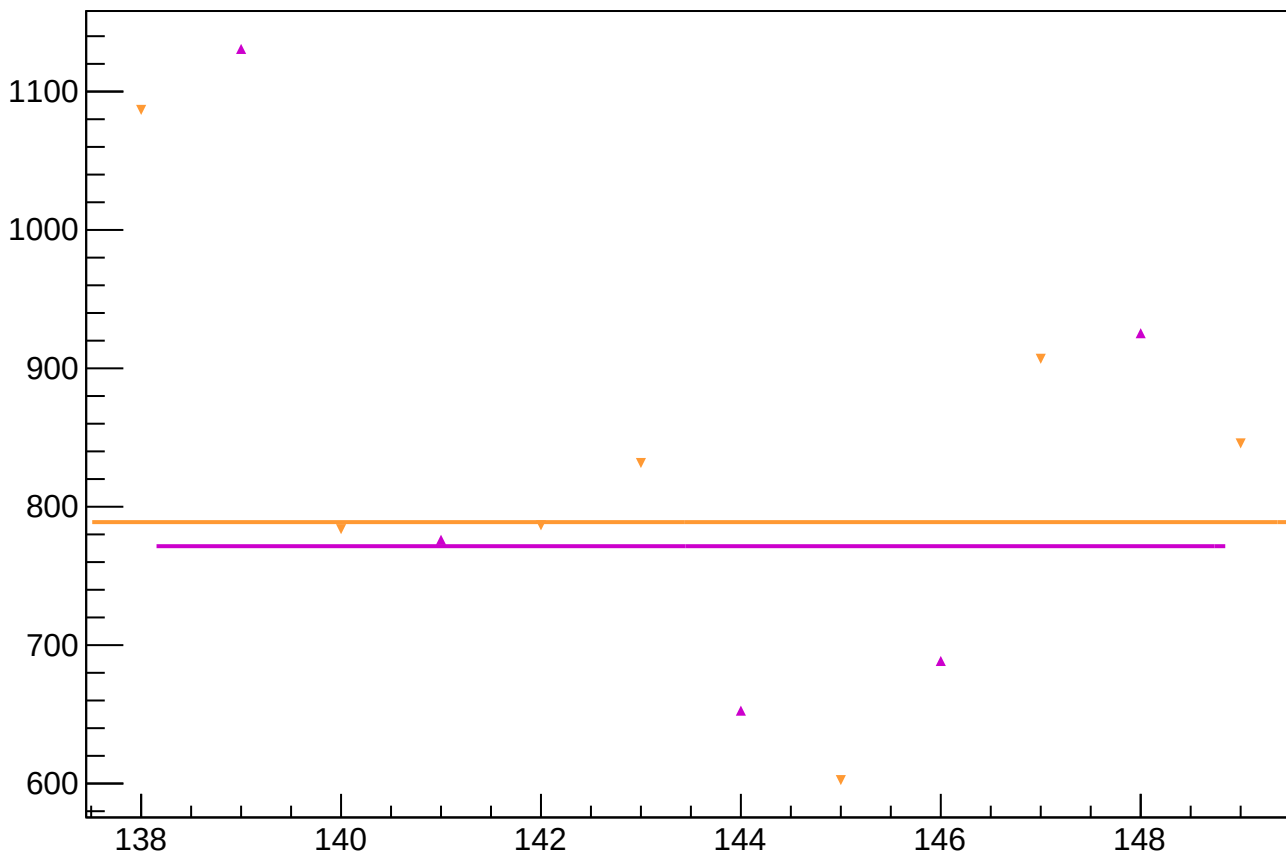
Left In: 445.333+/-388.846 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.202+/-264.285 χ^2/NDF : 22.2/11

- 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: 788.885+/-0.255 χ^2/NDF : 290628.6/6

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

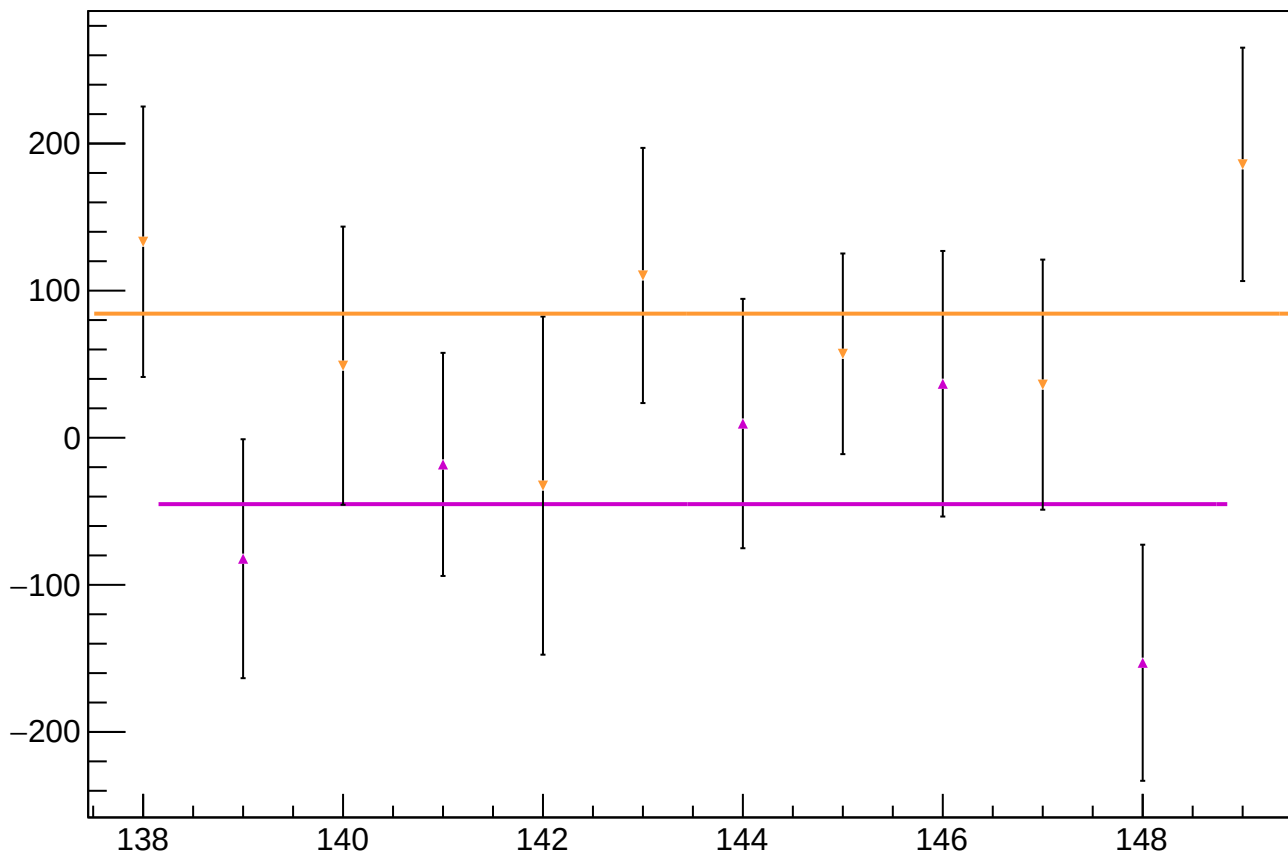
Left In: 771.493+/-0.275 χ^2/NDF : 283334.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.851+/-0.187 χ^2/NDF : 576115.7/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 84.363 $\pm$ 32.424 χ^2 /NDF:3.7/6

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

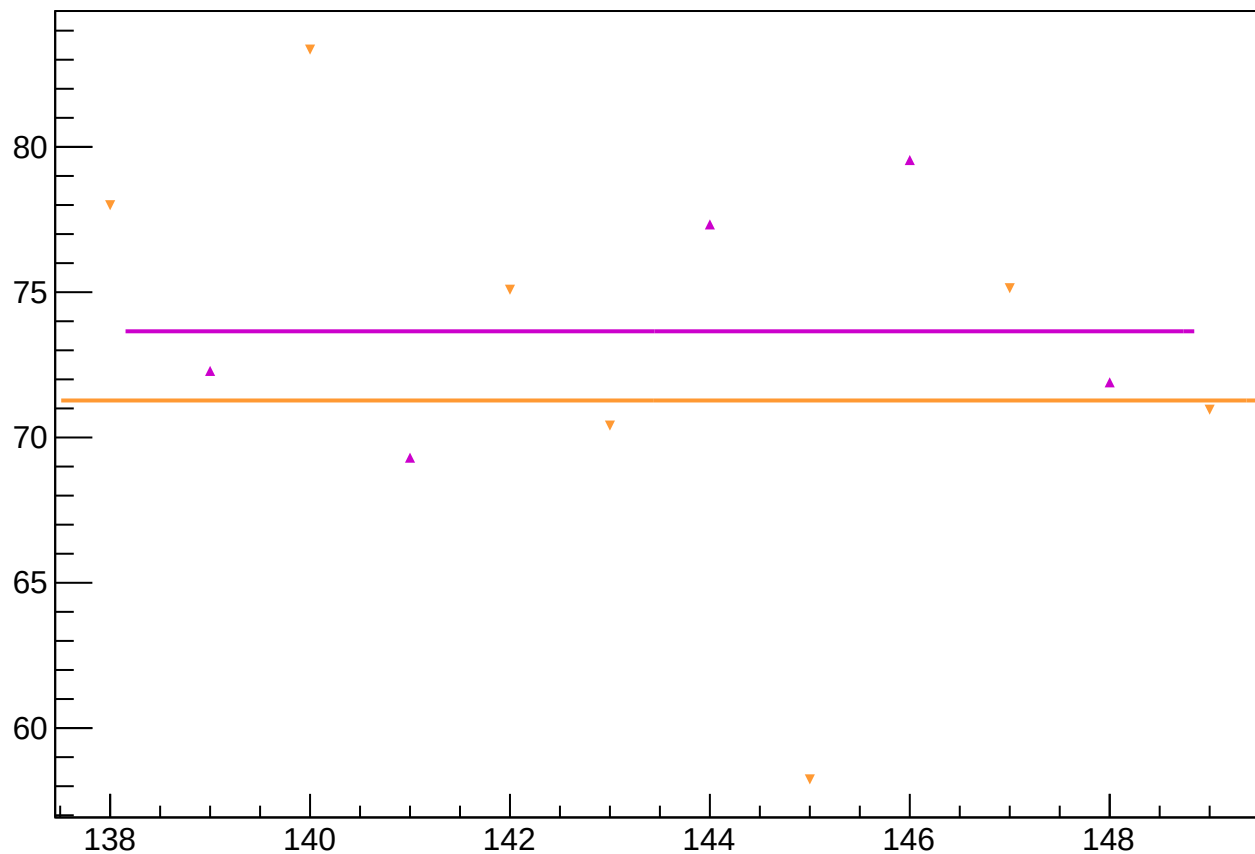
Left In: -45.134 $\pm$ 36.693 χ^2 /NDF:3.4/4

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

All: 27.581 $\pm$ 24.297 χ^2 /NDF: 14.0/11

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

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 71.274+/-0.023 χ^2/NDF :122975.1/6

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

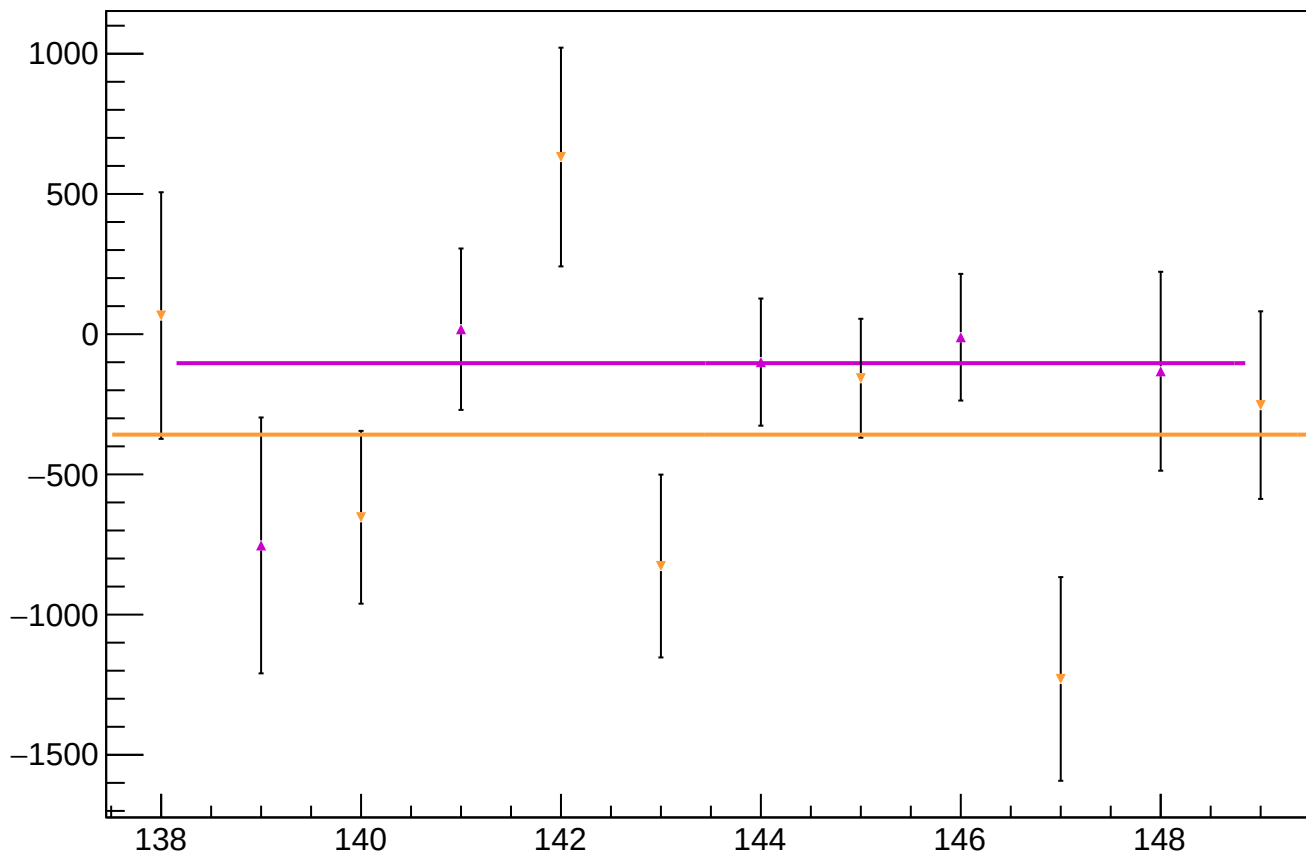
Left In: 73.654+/-0.026 χ^2/NDF :20391.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.317+/-0.017 χ^2/NDF : 148094.1/11

- 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: -358.145+/-119.125 χ^2/NDF : 17.1/6

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

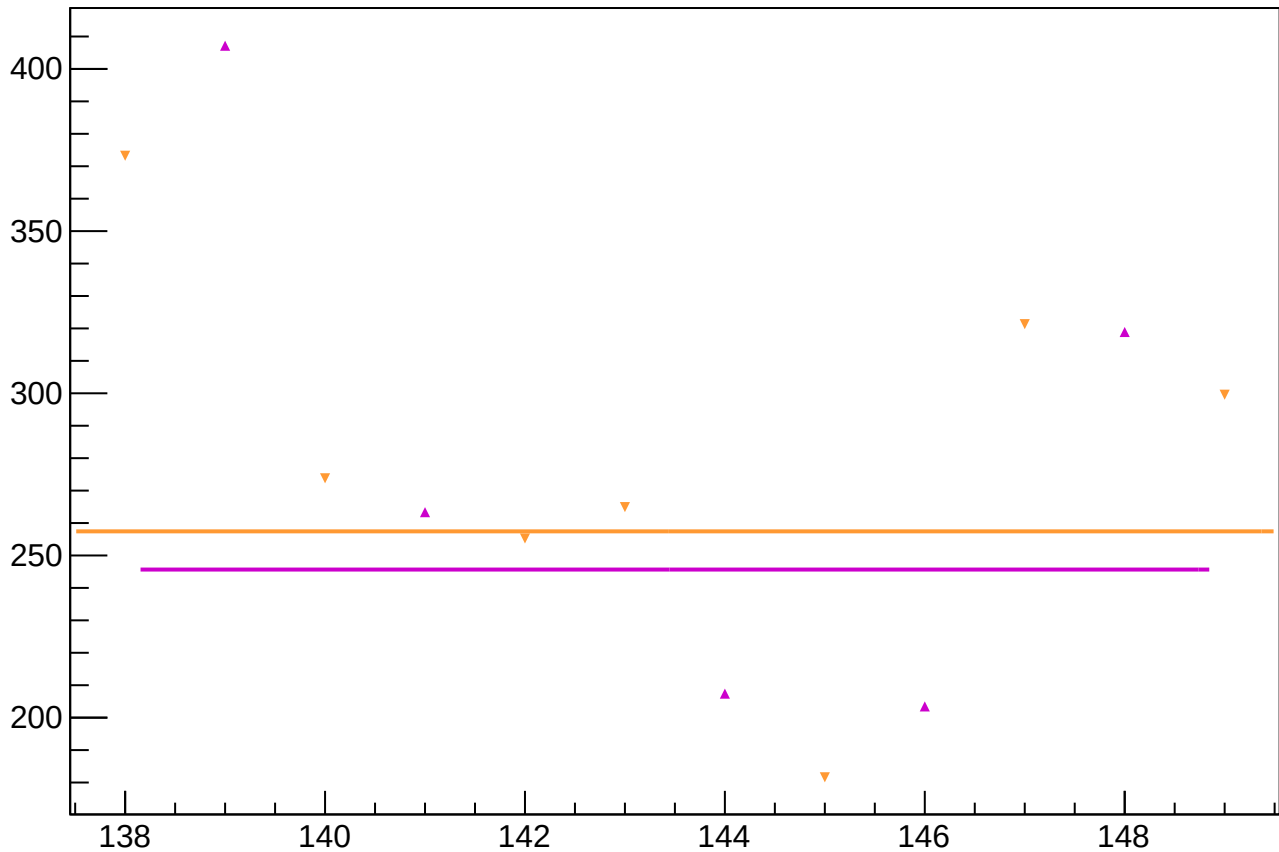
Left In: -103.353+/-125.098 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.977+/-86.269 χ^2/NDF : 21.7/11

- 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: 257.437+/-0.084 χ^2/NDF : 495035.9/6

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

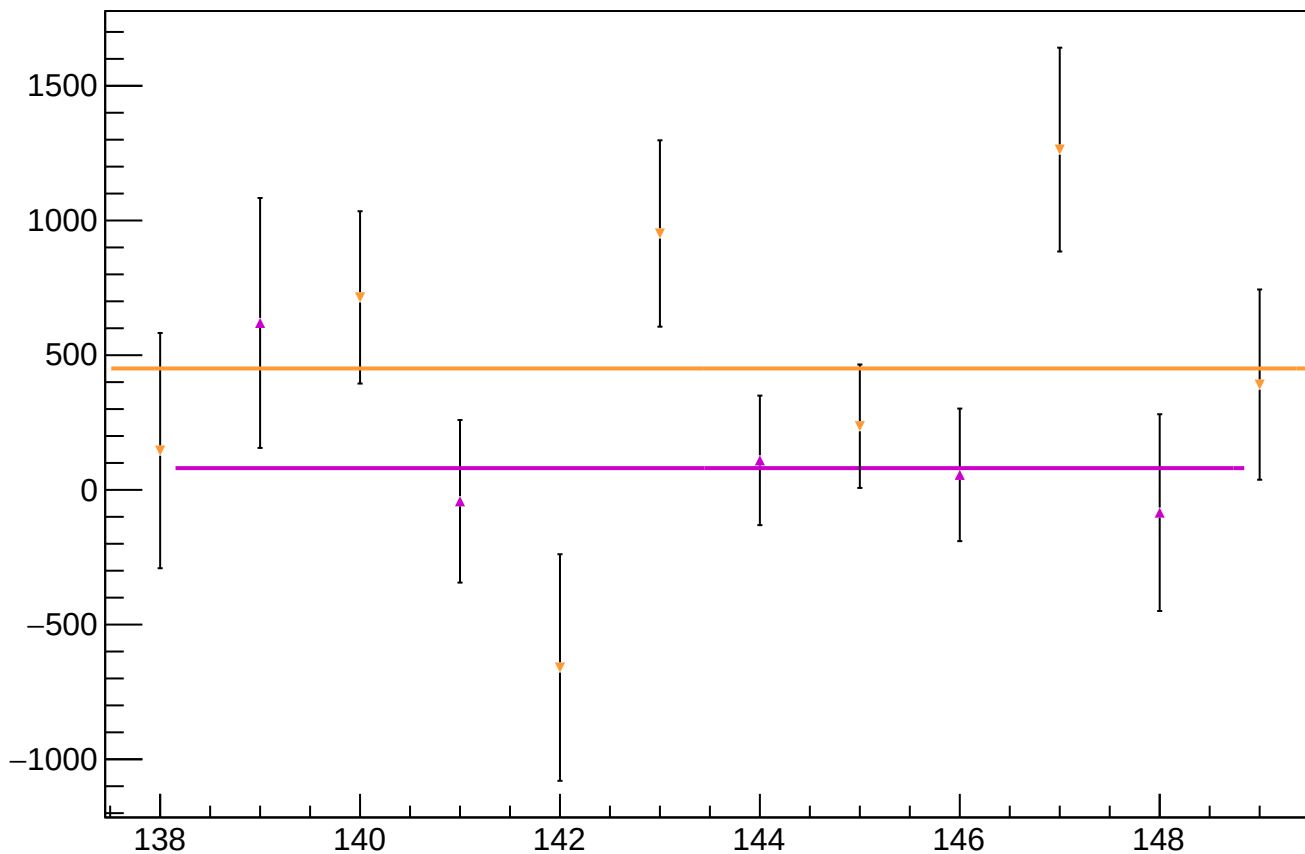
Left In: 245.659+/-0.088 χ^2/NDF : 470217.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.835+/-0.061 χ^2/NDF : 974550.6/11

- 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: 450.766 $\pm$ 125.901 χ^2 /NDF:15.7/6

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

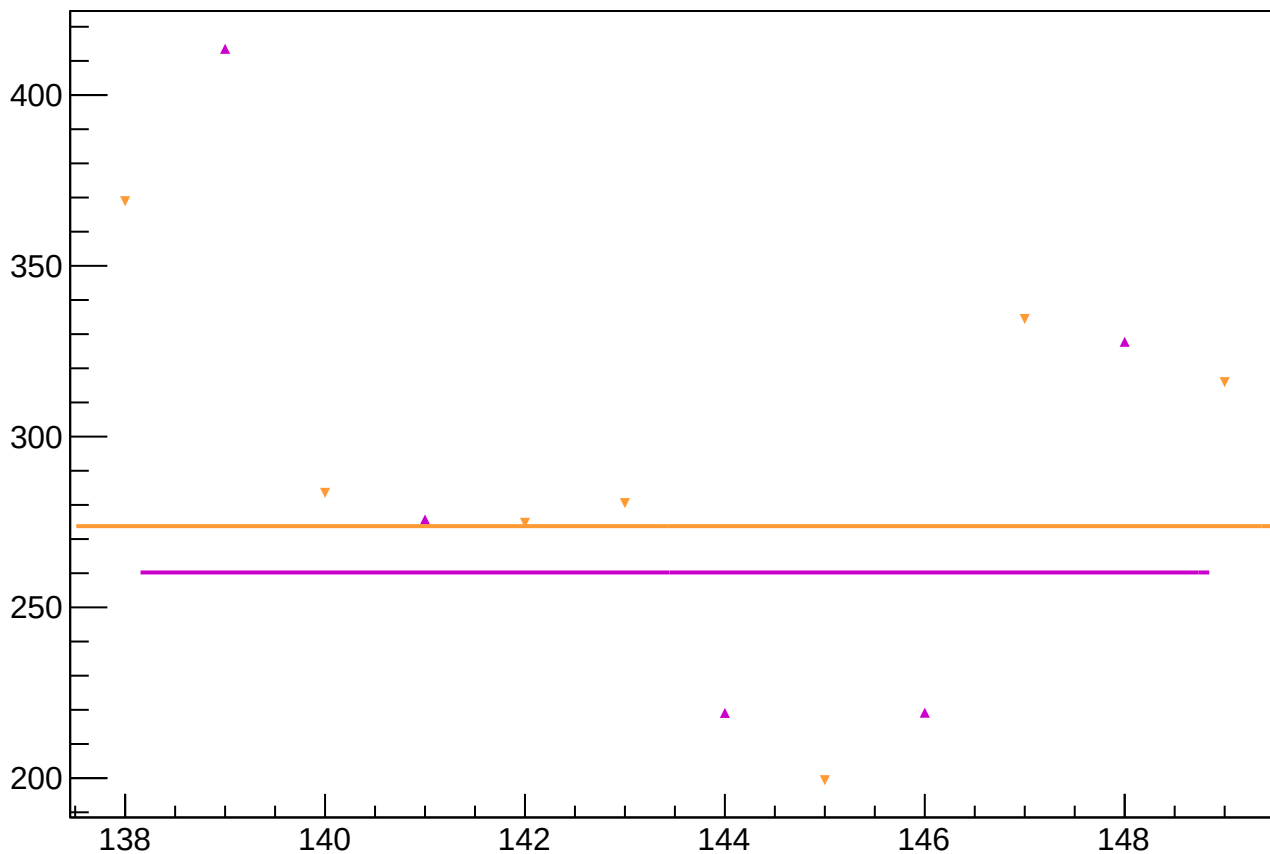
Left In: 80.785 $\pm$ 132.518 χ^2 /NDF:1.7/4

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

All: 275.243 $\pm$ 91.275 χ^2 /NDF: 21.6/11

- 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: 273.780+/-0.089 χ^2/NDF : 388361.5/6

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

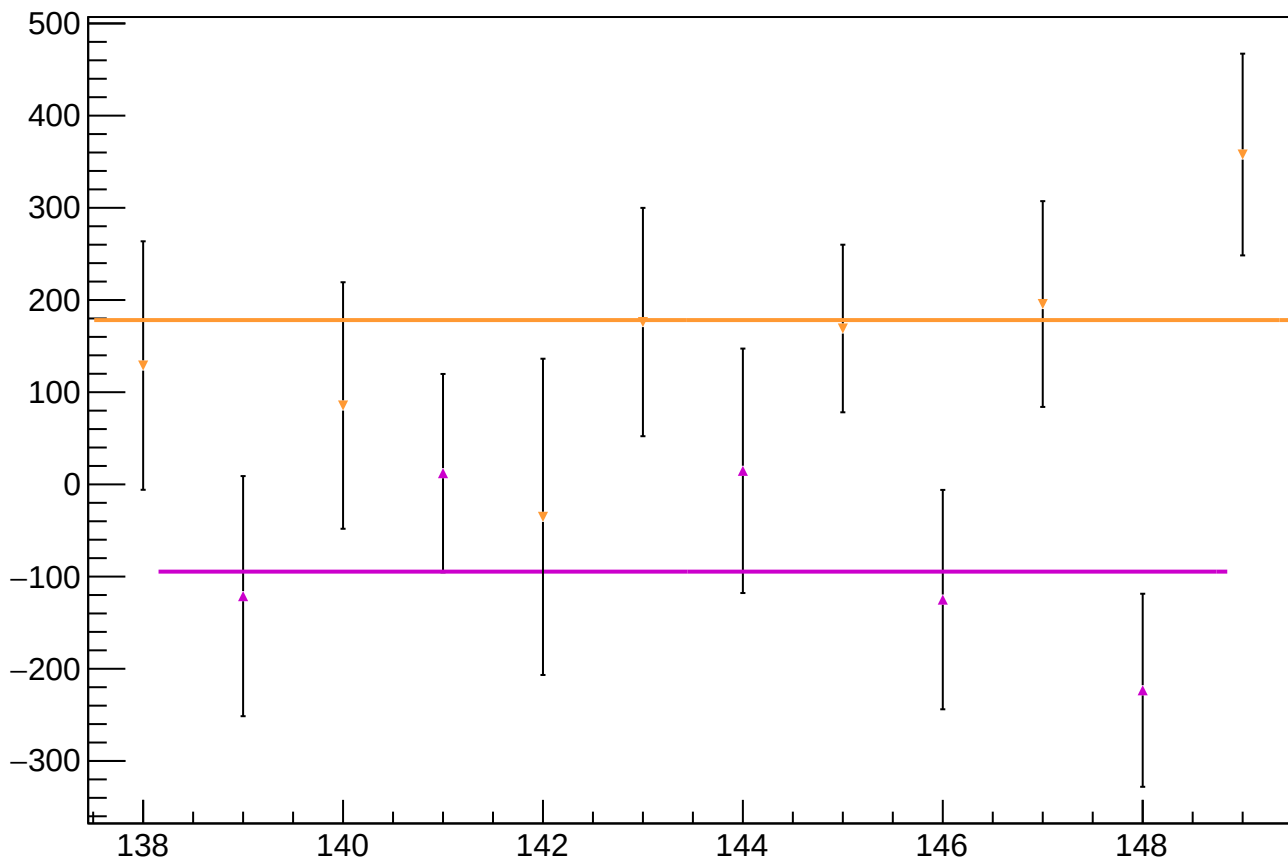
Left In: 260.221+/-0.094 χ^2/NDF : 406416.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.348+/-0.065 χ^2/NDF : 805783.2/11

- 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: 178.230 $\pm$ 44.944 χ^2 /NDF: 4.9/6

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

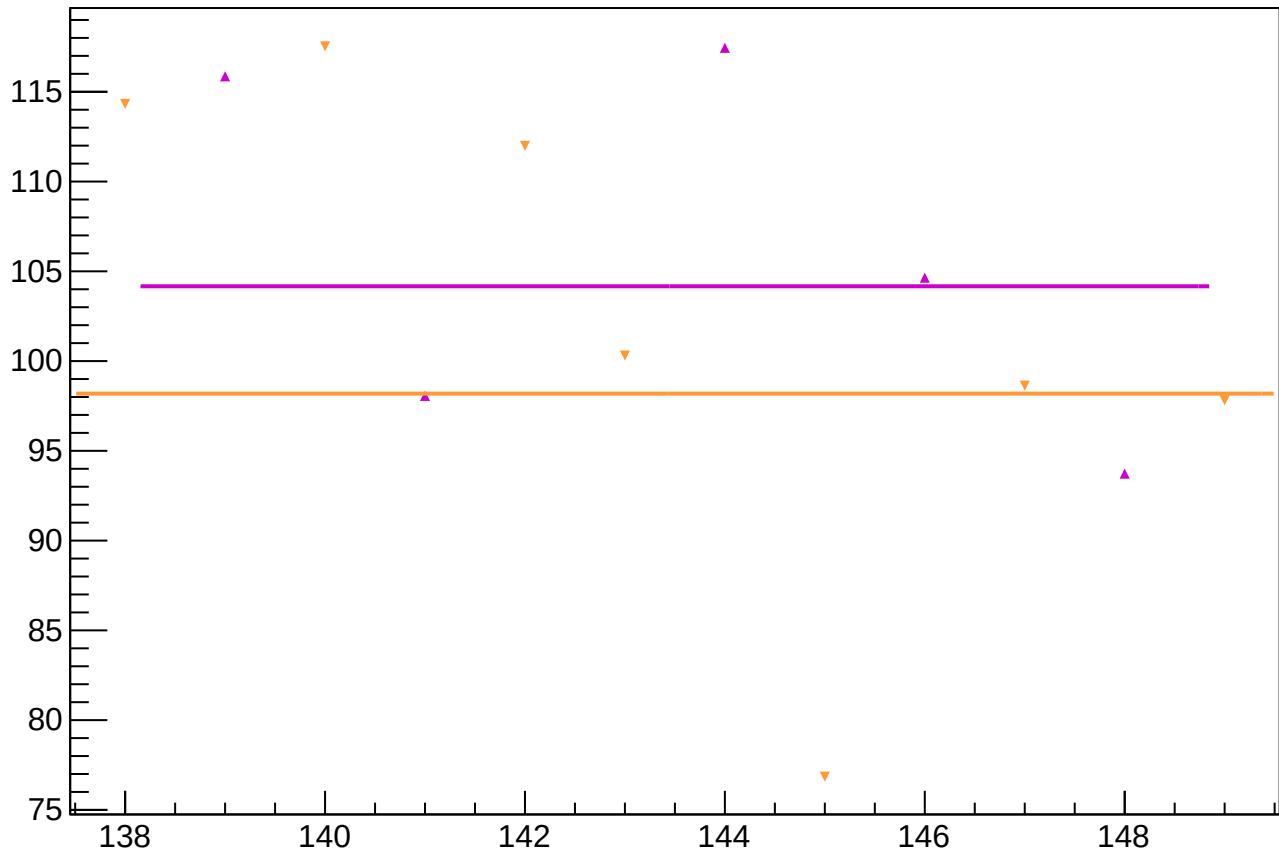
Left In: -94.624 $\pm$ 52.406 χ^2 /NDF: 3.3/4

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

All: 62.597 $\pm$ 34.116 χ^2 /NDF: 23.8/11

- 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: 98.187+/-0.032 χ^2/NDF :194312.5/6

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

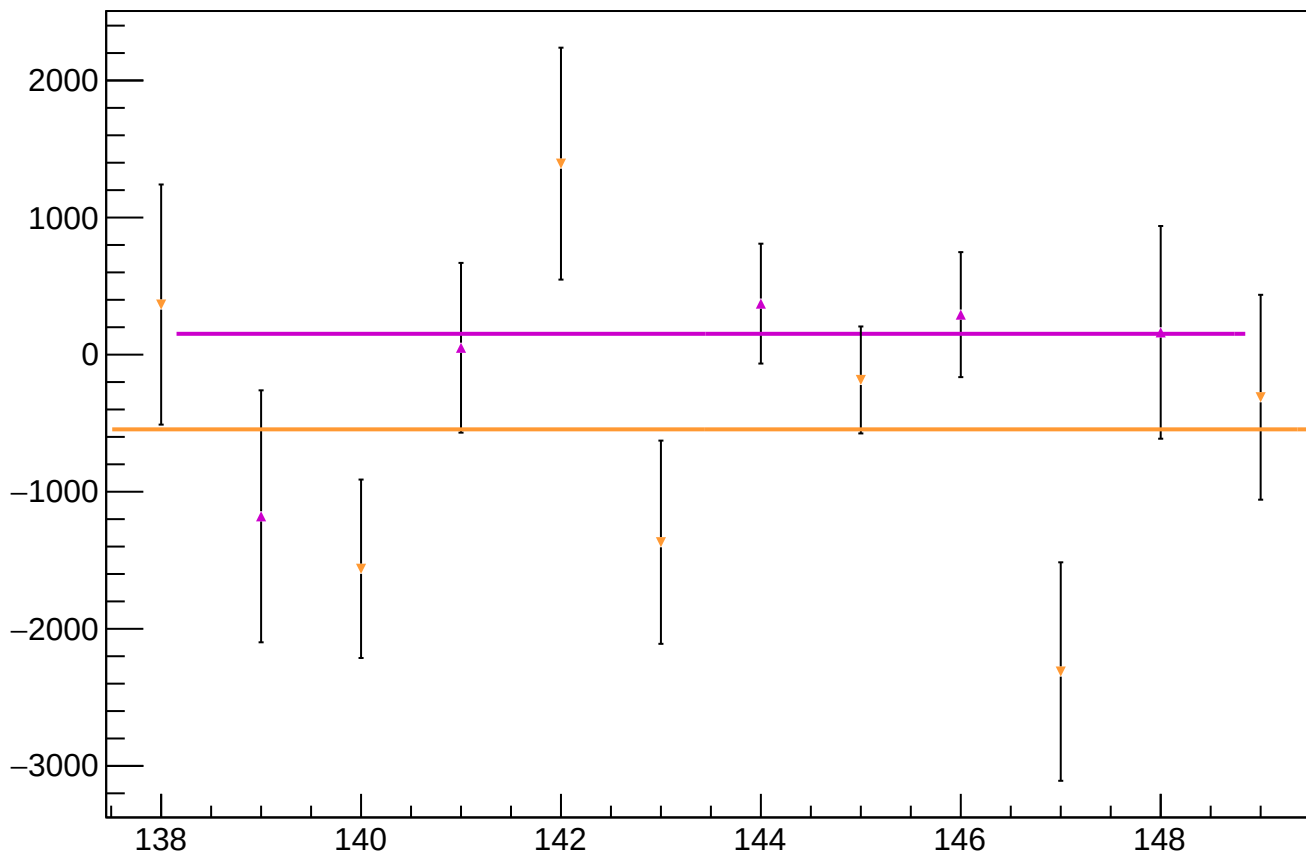
Left In: 104.165+/-0.037 χ^2/NDF :62546.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.721+/-0.024 χ^2/NDF : 271855.2/11

- 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: -544.980+/-243.840 χ^2/NDF :15.9/6

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

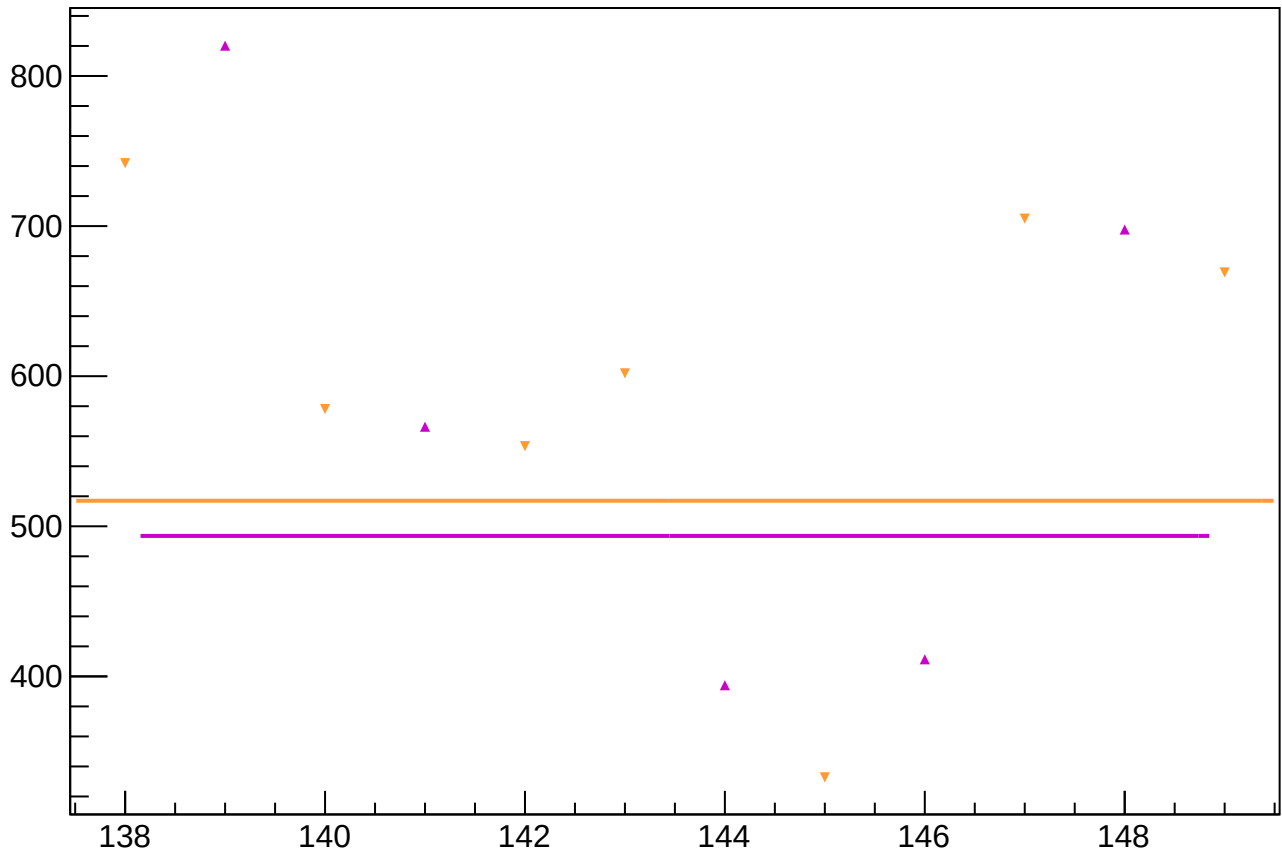
Left In: 151.981+/-254.022 χ^2/NDF :2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.747+/-175.911 χ^2/NDF : 22.3/11

- 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: 517.020+/-0.172 χ^2/NDF : 819817.8/6

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

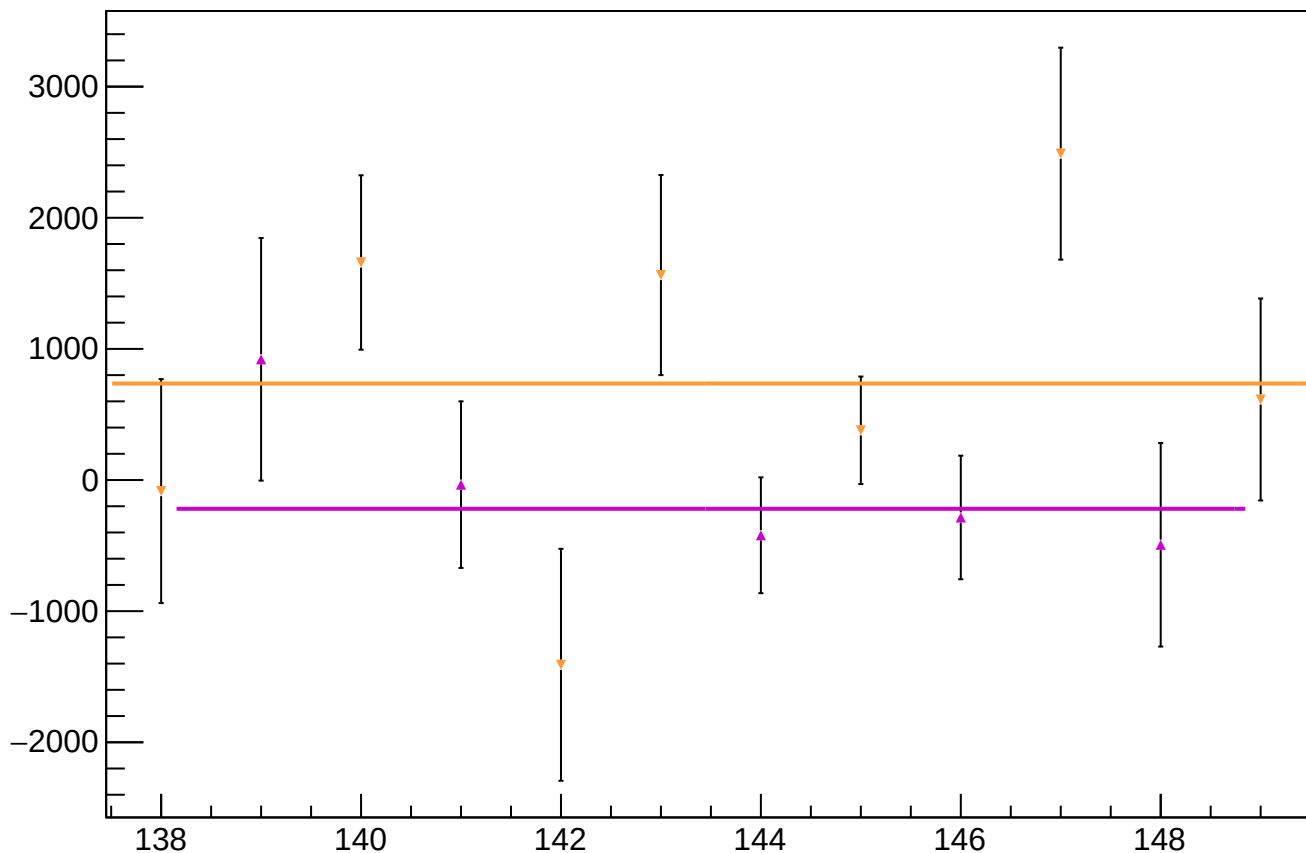
Left In: 493.586+/-0.180 χ^2/NDF : 587269.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.782+/-0.124 χ^2/NDF : 1415946.3/11

- 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: 735.828+/-251.640 χ^2/NDF :15.4/6

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

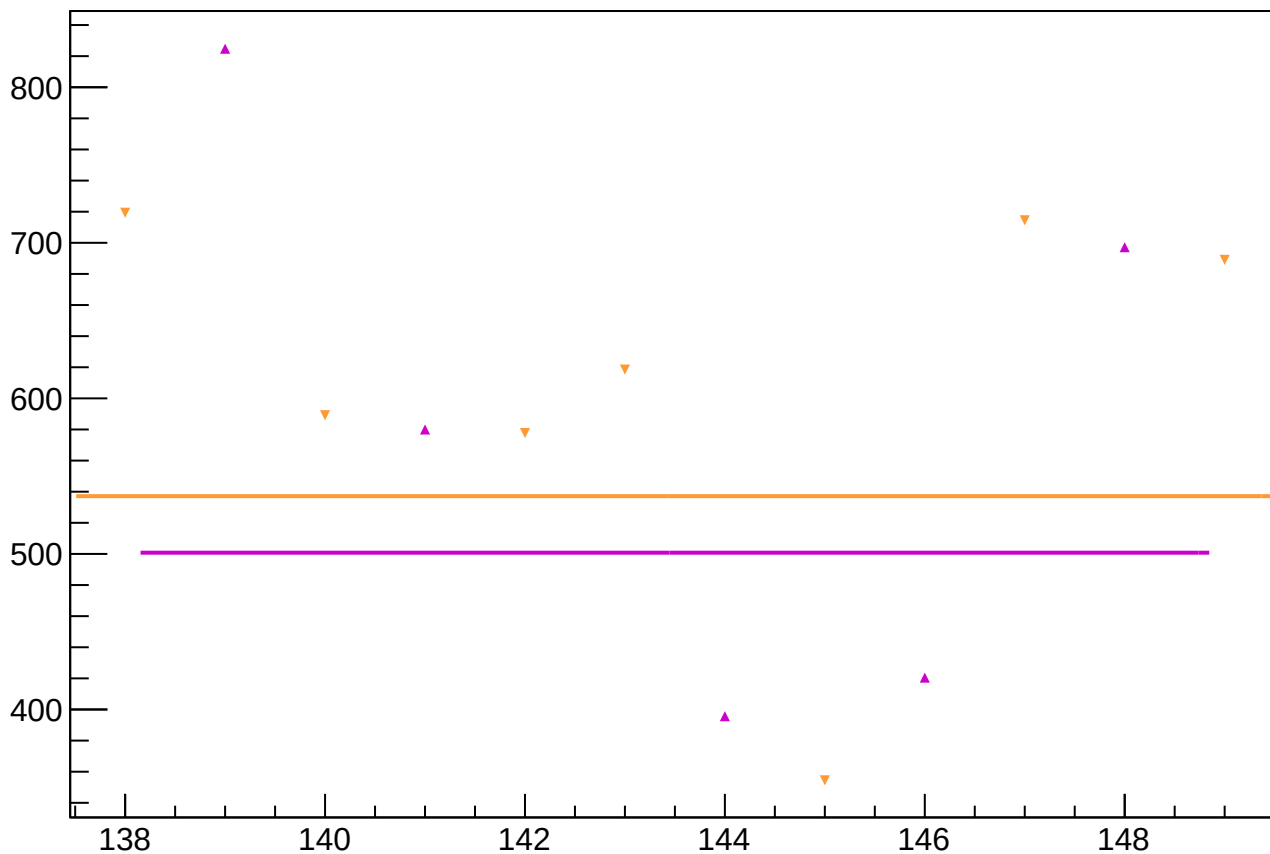
Left In: -219.387+/-258.743 χ^2/NDF :2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.512+/-180.395 χ^2/NDF : 24.4/11

- 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: 537.129+/-0.178 χ^2/NDF : 701343.1/6

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

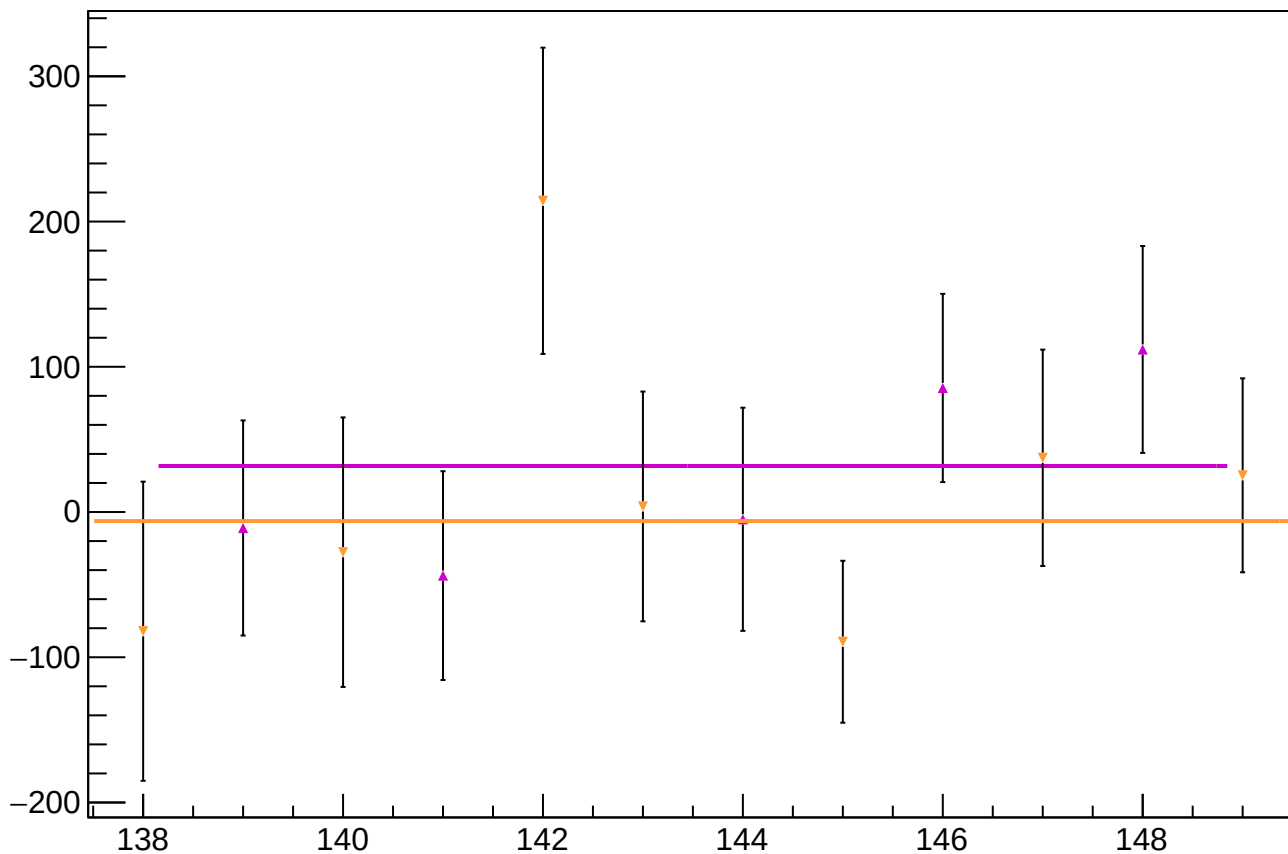
Left In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.465+/-0.128 χ^2/NDF : 1297317.1/11

- 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: -6.235+/-29.029 χ^2/NDF : 7.8/6

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

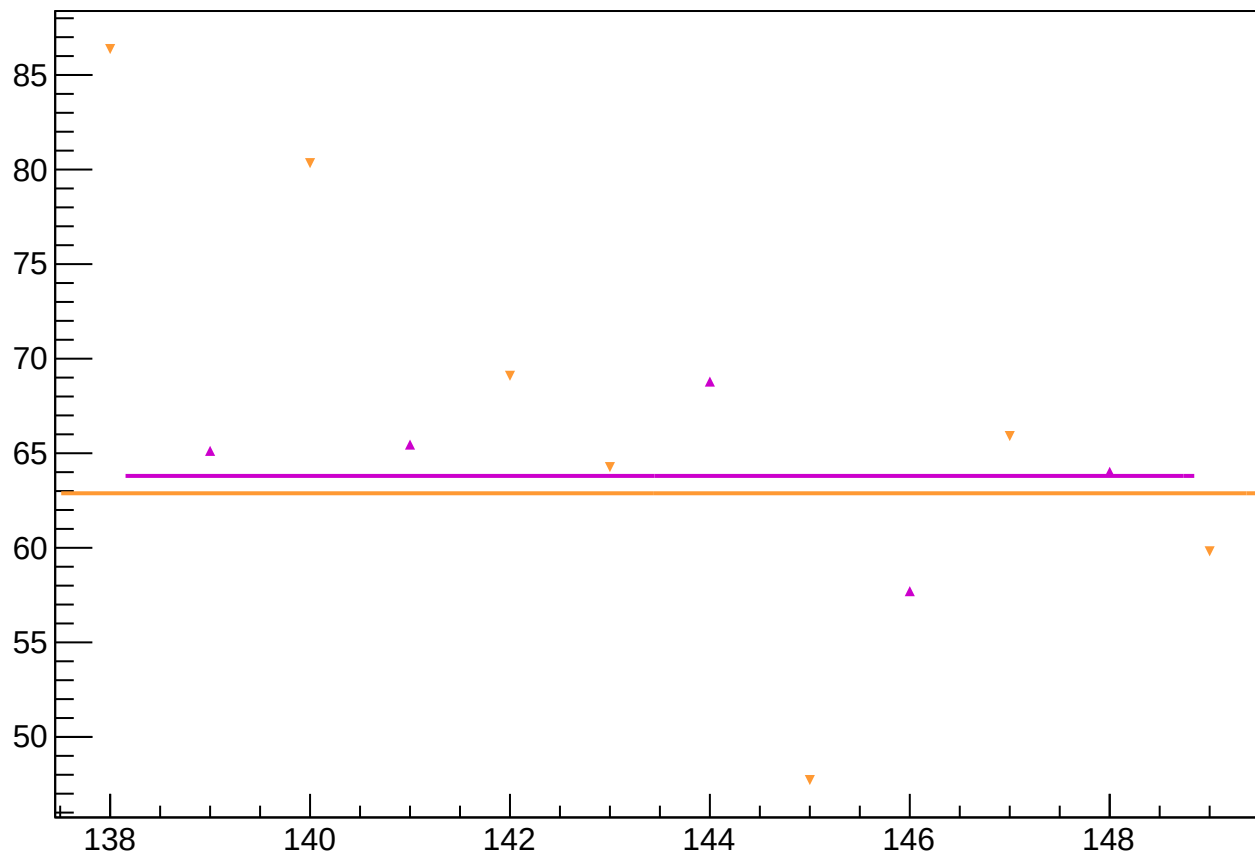
Left In: 31.685+/-31.932 χ^2/NDF : 3.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.924+/-21.480 χ^2/NDF : 12.2/11

- 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: 62.884+/-0.021 χ^2/NDF : 337852.0/6

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

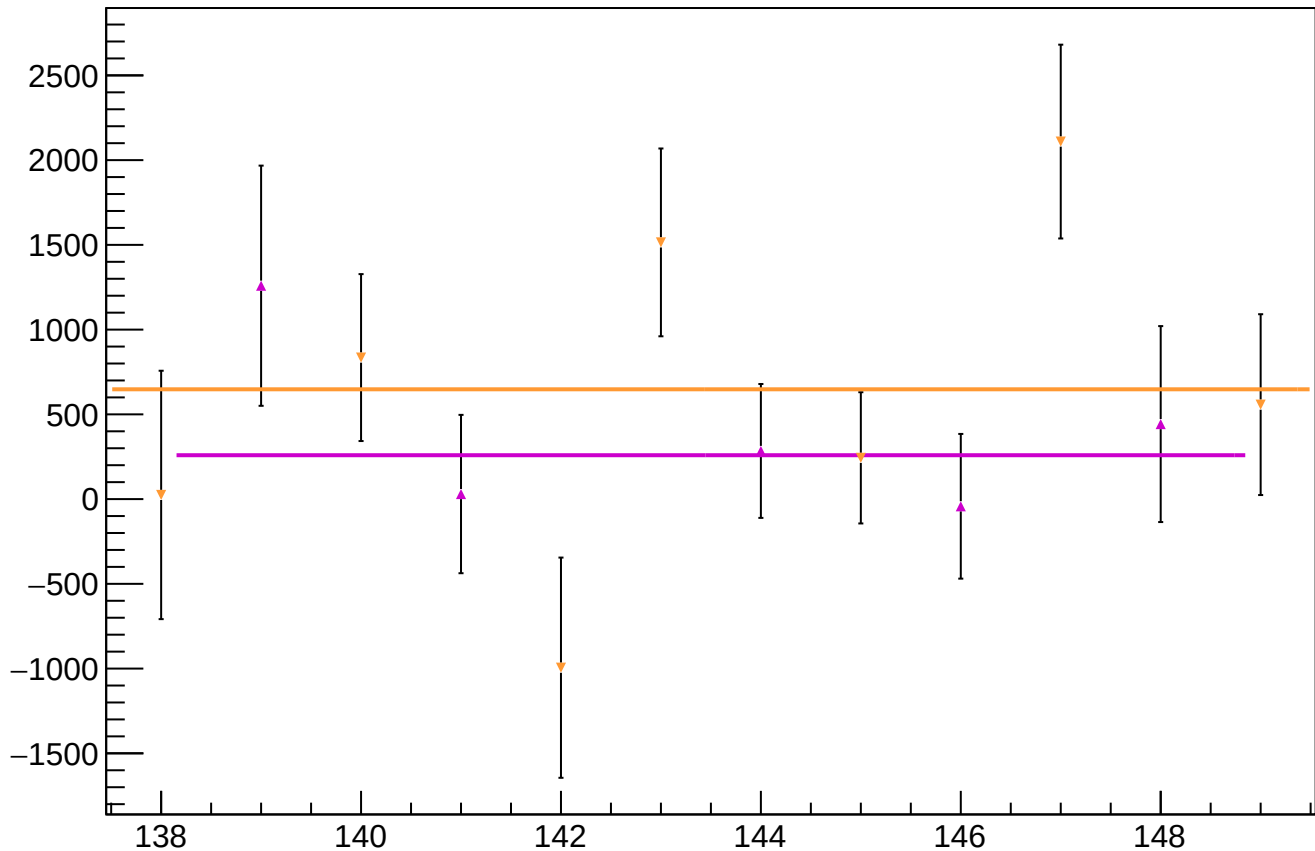
Left In: 63.801+/-0.023 χ^2/NDF : 27843.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.299+/-0.015 χ^2/NDF : 366599.8/11

- 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: 647.812+/-200.580 χ^2/NDF : 17.4/6

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

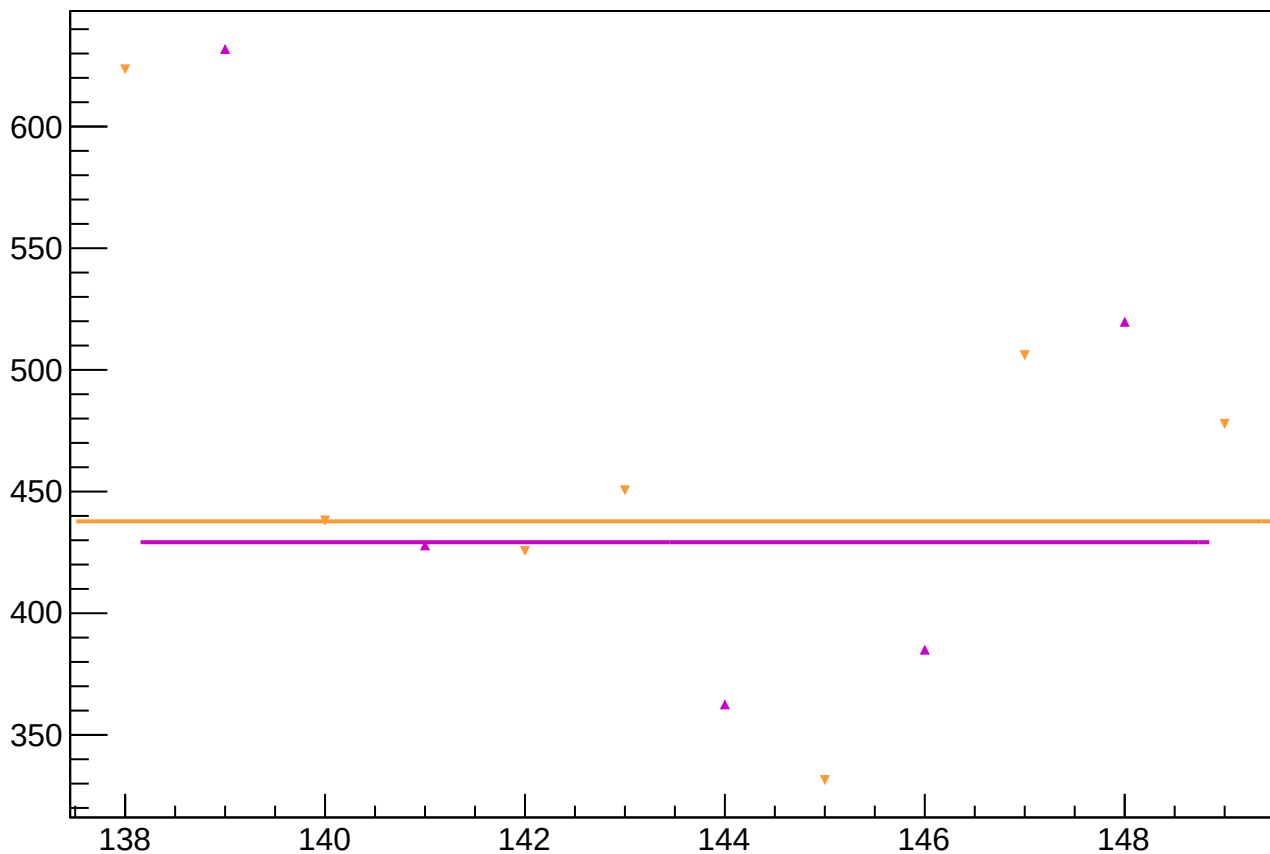
Left In: 258.902+/-215.856 χ^2/NDF : 2.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.605+/-146.935 χ^2/NDF : 21.9/11

- 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: 437.757+/-0.142 χ^2/NDF : 320838.5/6

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

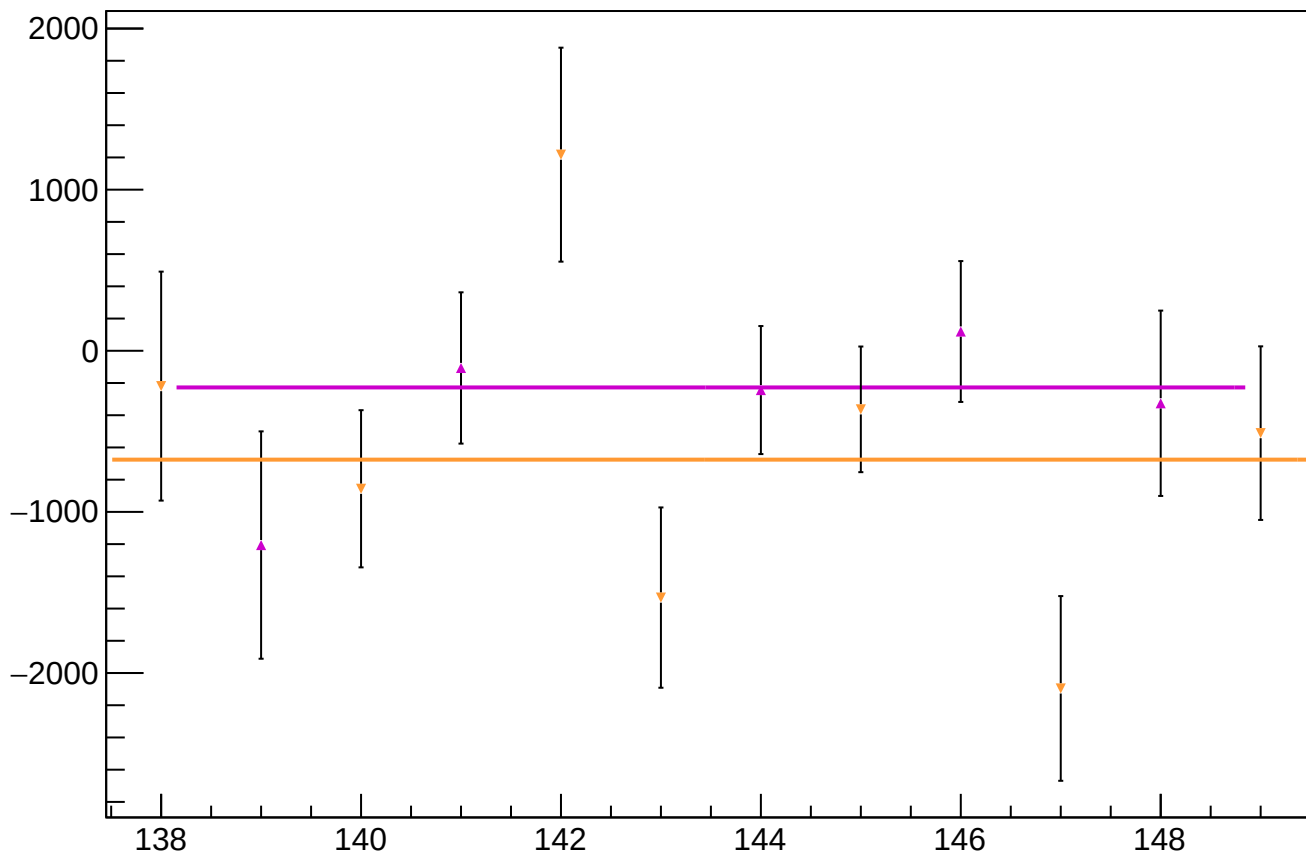
Left In: 429.194+/-0.153 χ^2/NDF : 291070.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.789+/-0.104 χ^2/NDF : 613597.7/11

- 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: -675.660+/-201.163 χ^2/NDF :17.9/6

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

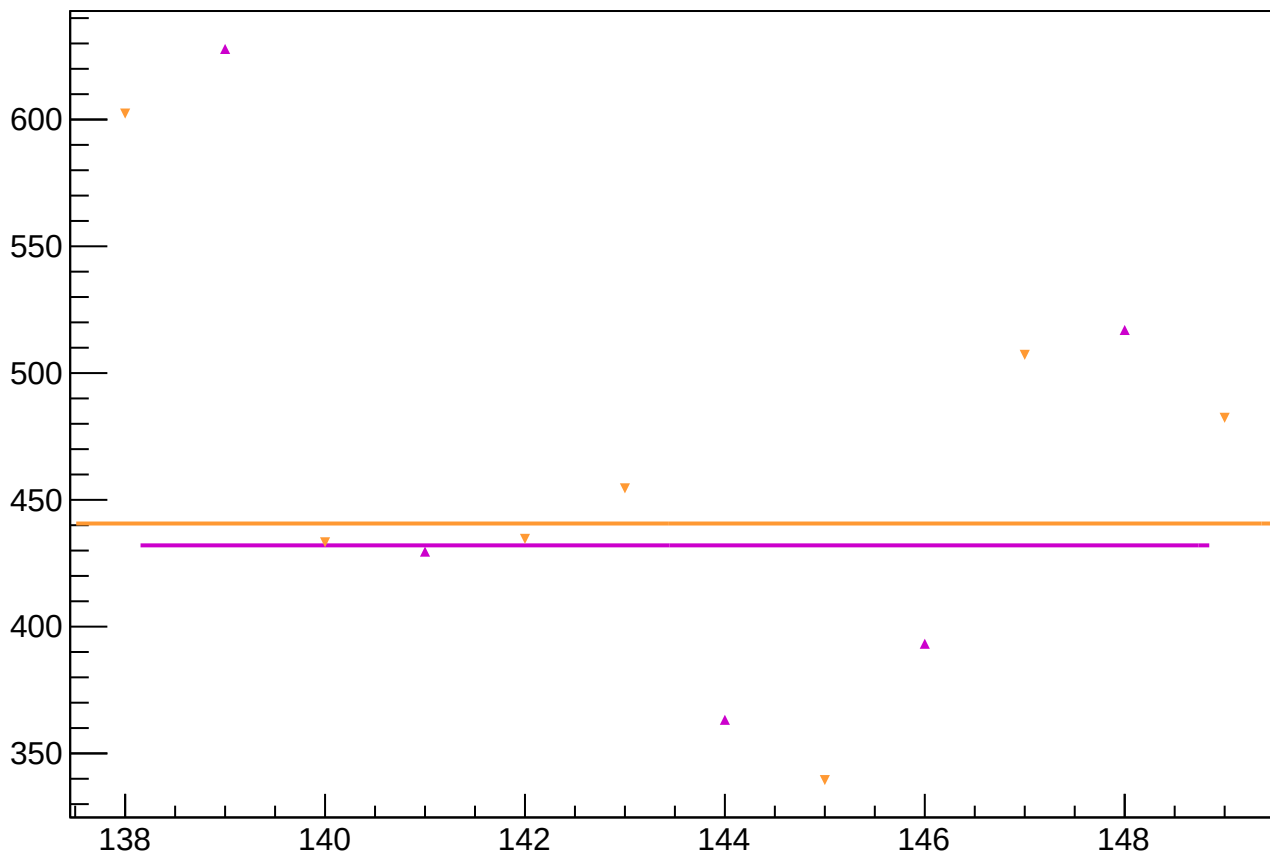
Left In: -227.504+/-217.514 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.058+/-147.686 χ^2/NDF : 22.8/11

- 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: 440.671+/-0.142 χ^2/NDF : 279030.0/6

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

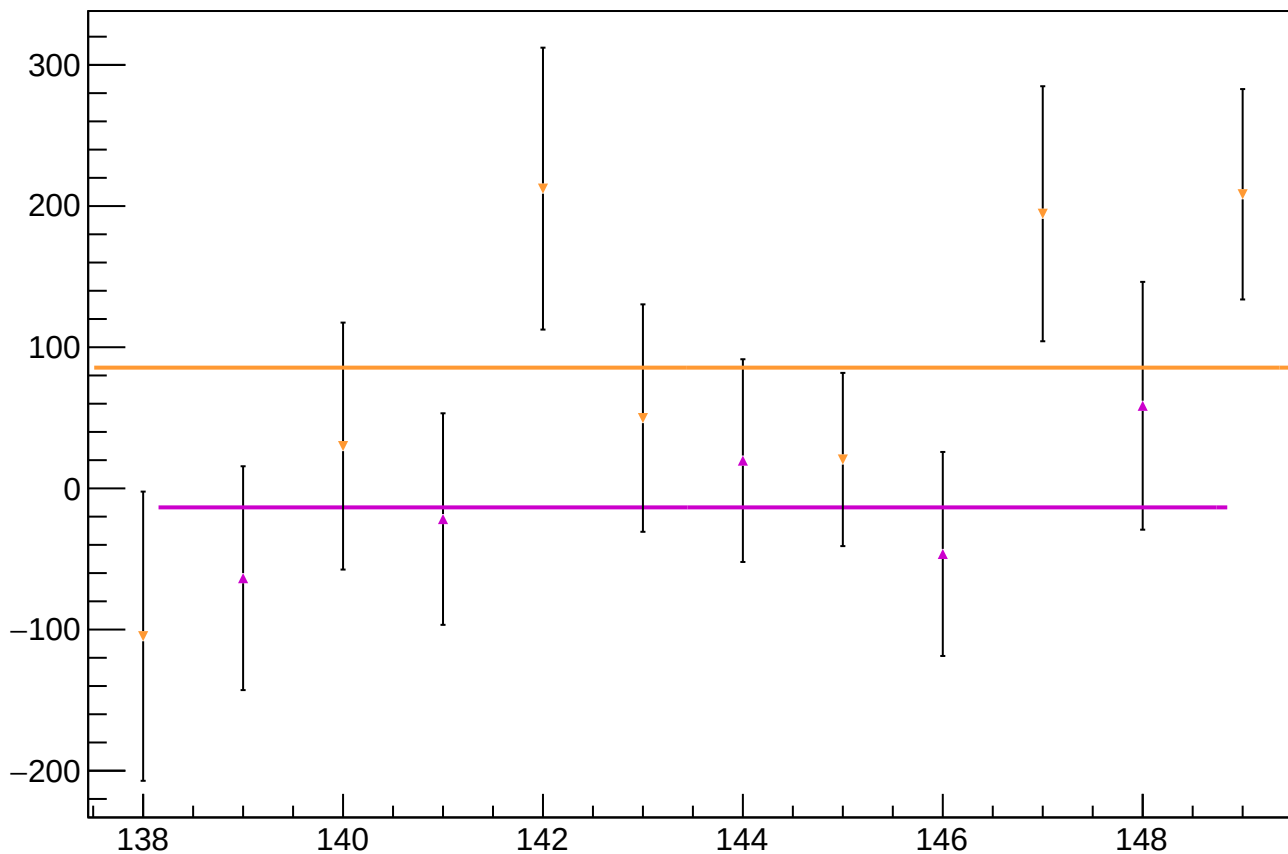
Left In: 432.052+/-0.154 χ^2/NDF : 273376.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.697+/-0.104 χ^2/NDF : 554098.7/11

- 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: 85.549+/-30.881 χ^2/NDF :11.0/6

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

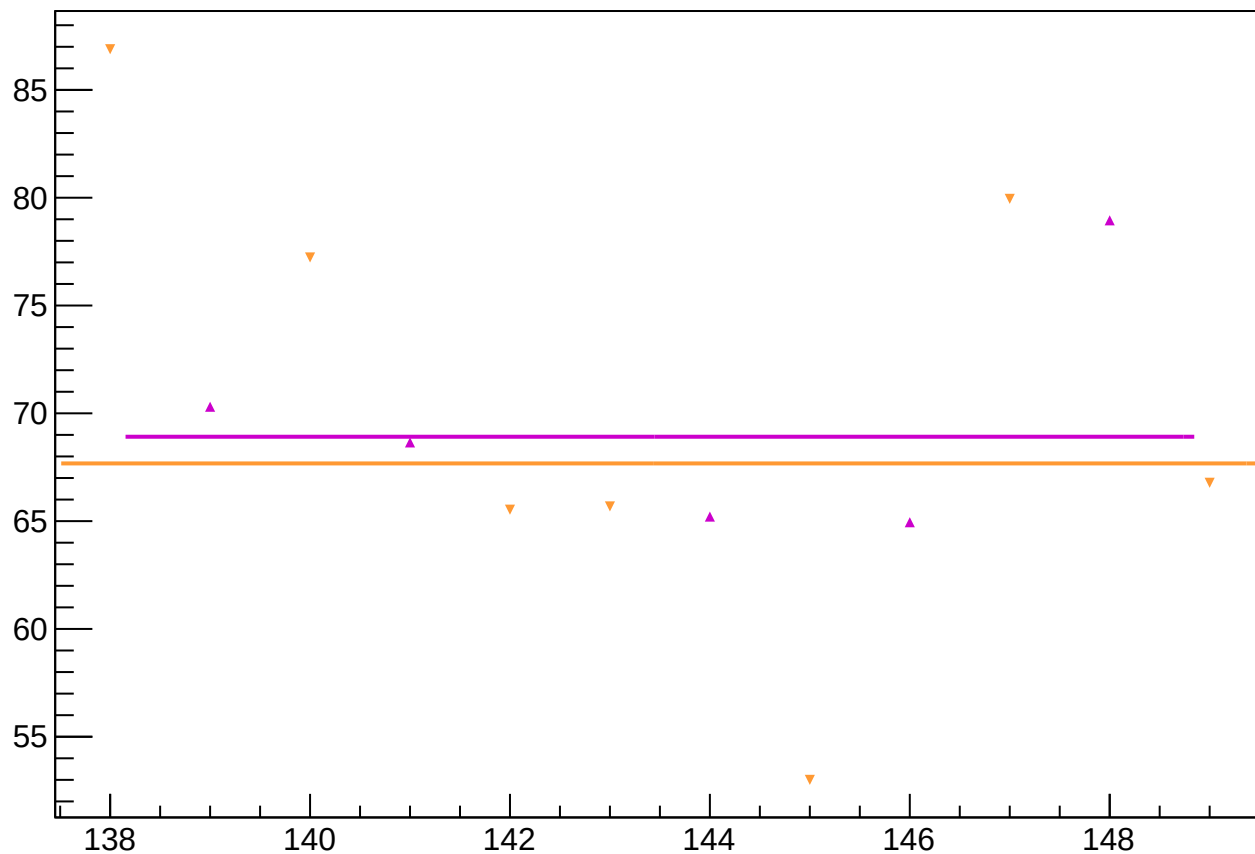
Left In: -13.452+/-34.252 χ^2/NDF :1.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.159+/-22.936 χ^2/NDF : 17.1/11

- 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: 67.677+/-0.022 χ^2/NDF : 247986.1/6

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

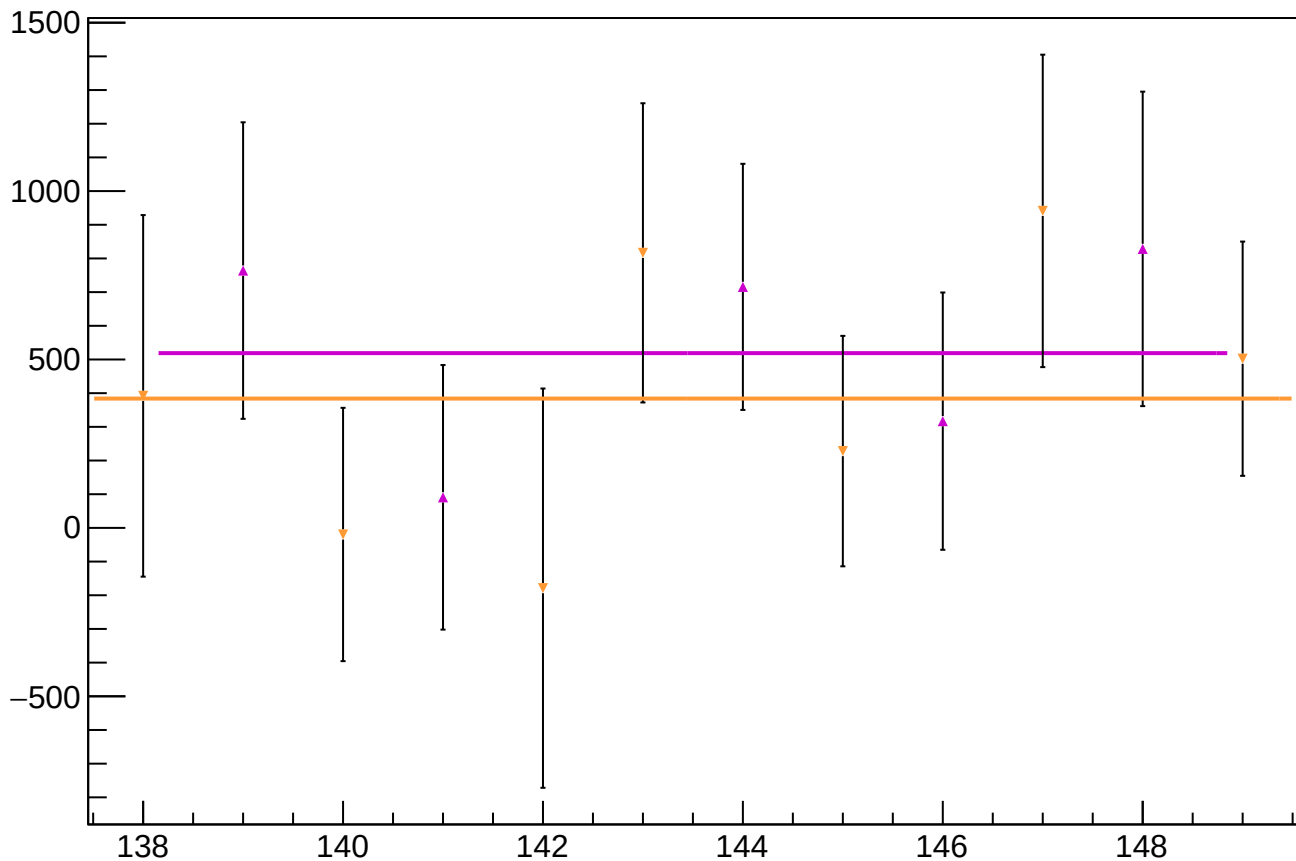
Left In: 68.914+/-0.024 χ^2/NDF : 38133.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.232+/-0.016 χ^2/NDF : 287560.7/11

- 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: 383.979+/-158.279 χ^2/NDF : 4.8/6

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

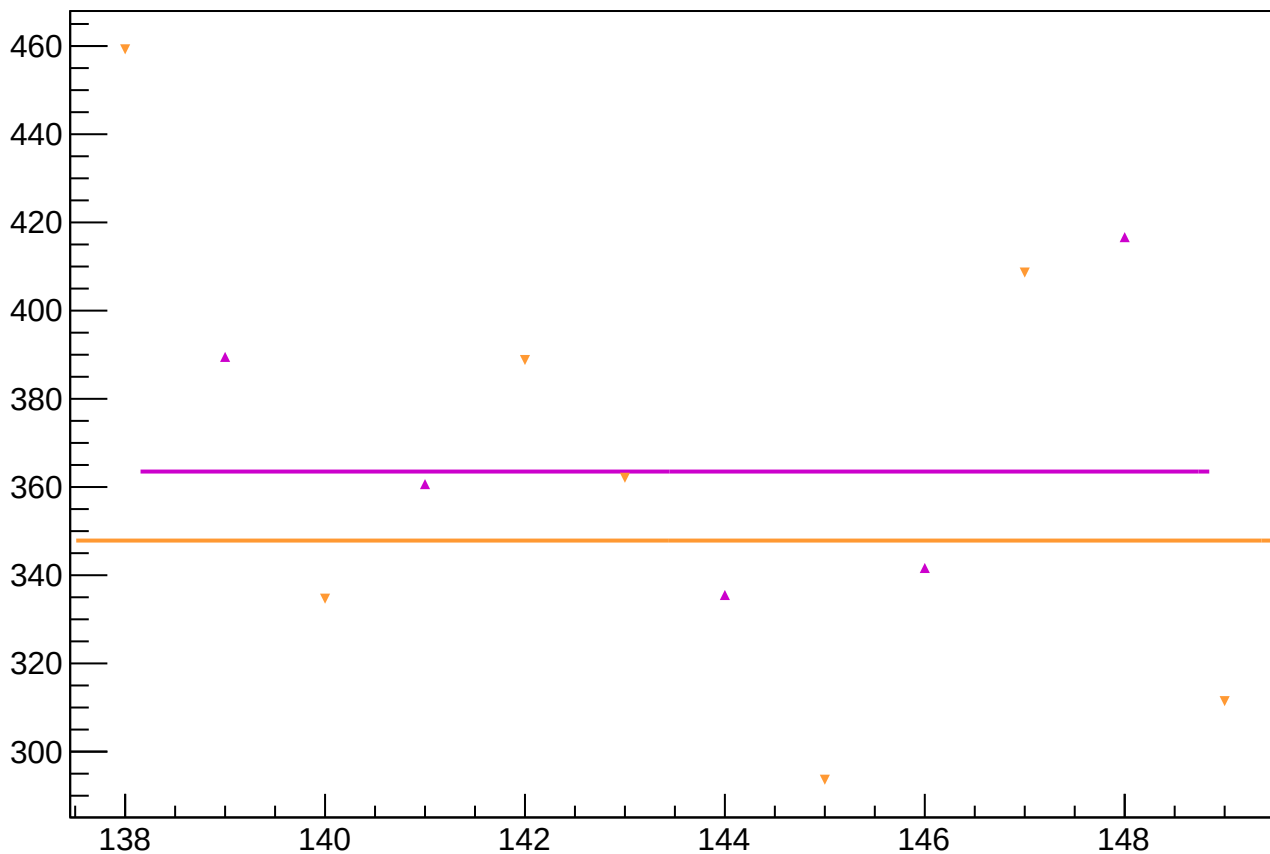
Left In: 518.873+/-180.842 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.491+/-119.103 χ^2/NDF : 7.6/11

- 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: 347.859+/-0.112 χ^2/NDF : 206702.7/6

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

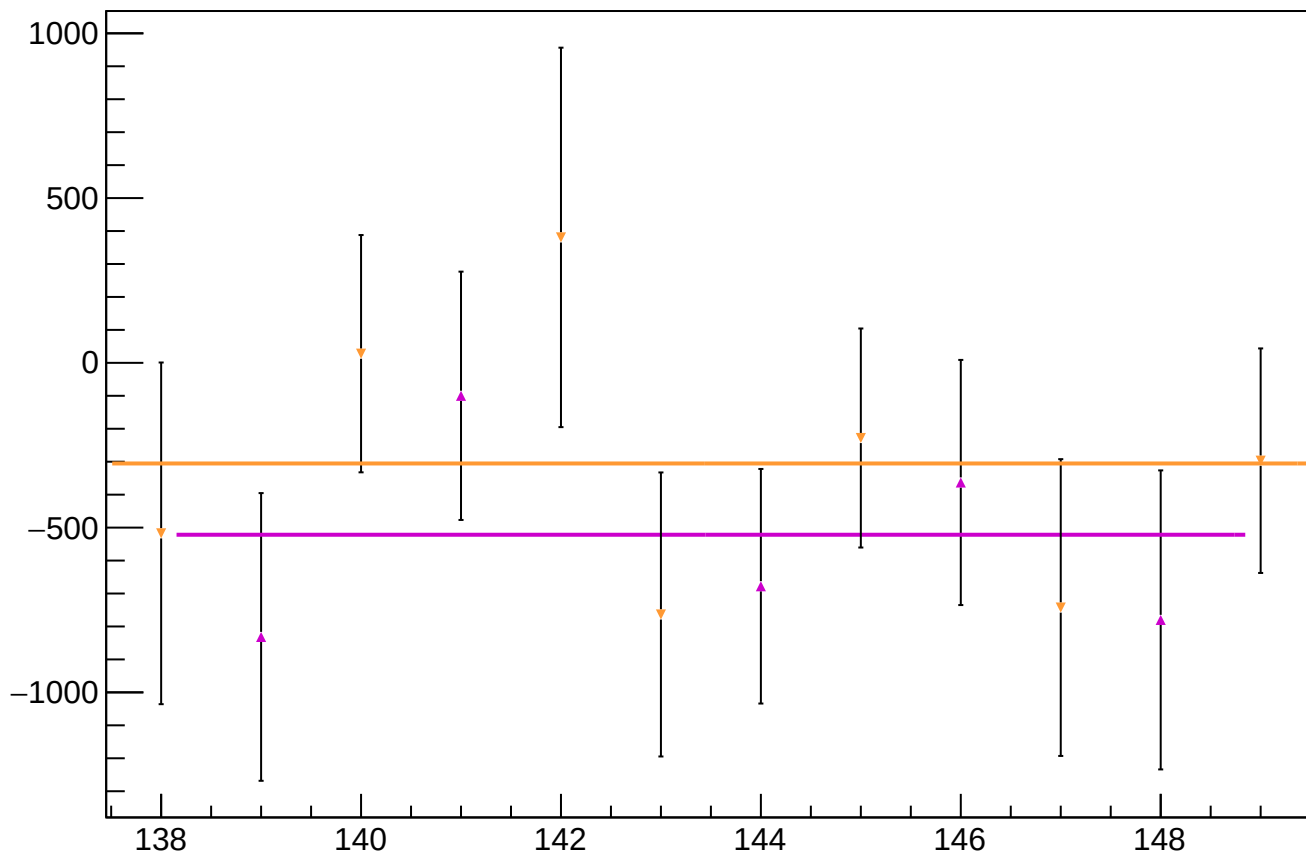
Left In: 363.509+/-0.128 χ^2/NDF : 51303.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.647+/-0.084 χ^2/NDF : 266487.6/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -305.356+/-153.508 χ^2/NDF : 4.6/6

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

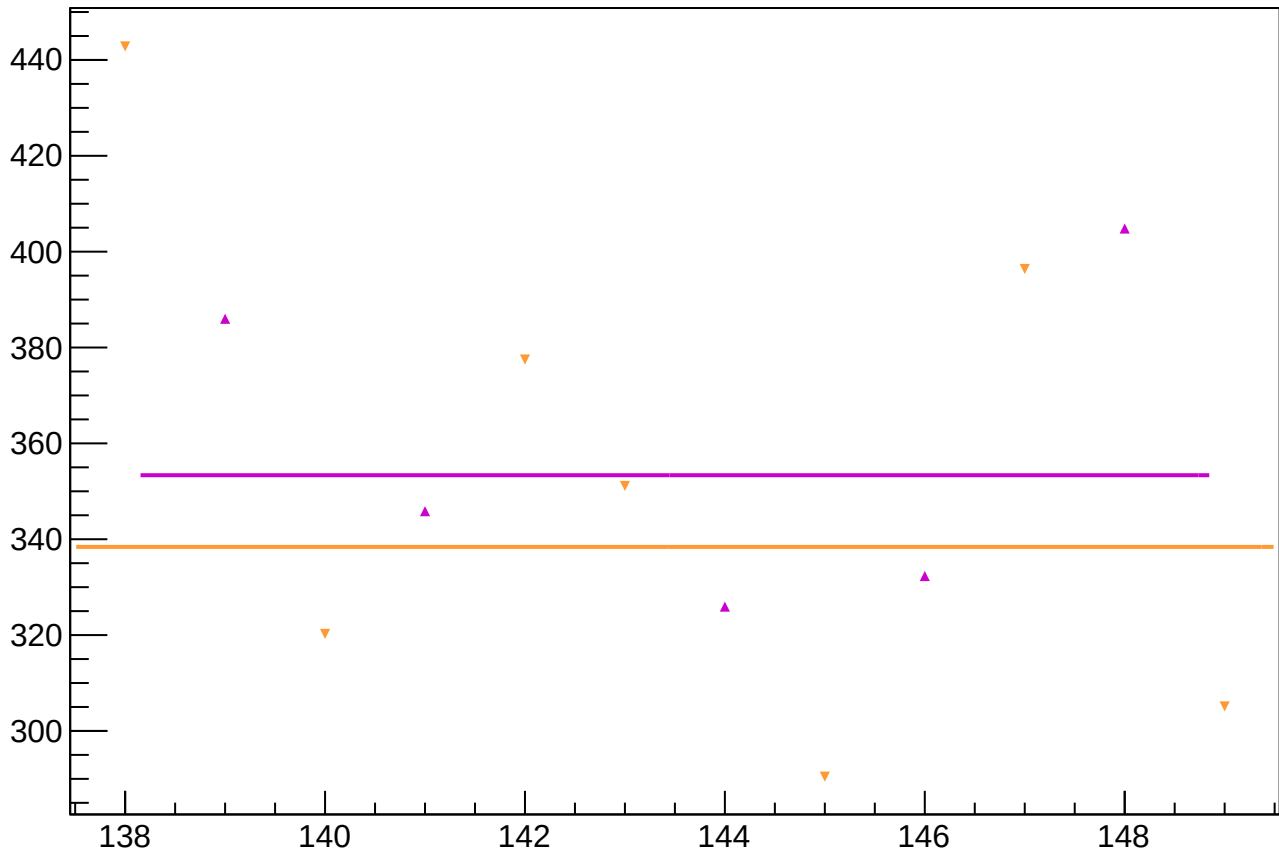
Left In: -521.649+/-176.033 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.787+/-115.696 χ^2/NDF : 7.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 338.400+/-0.109 χ^2/NDF : 191057.0/6

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

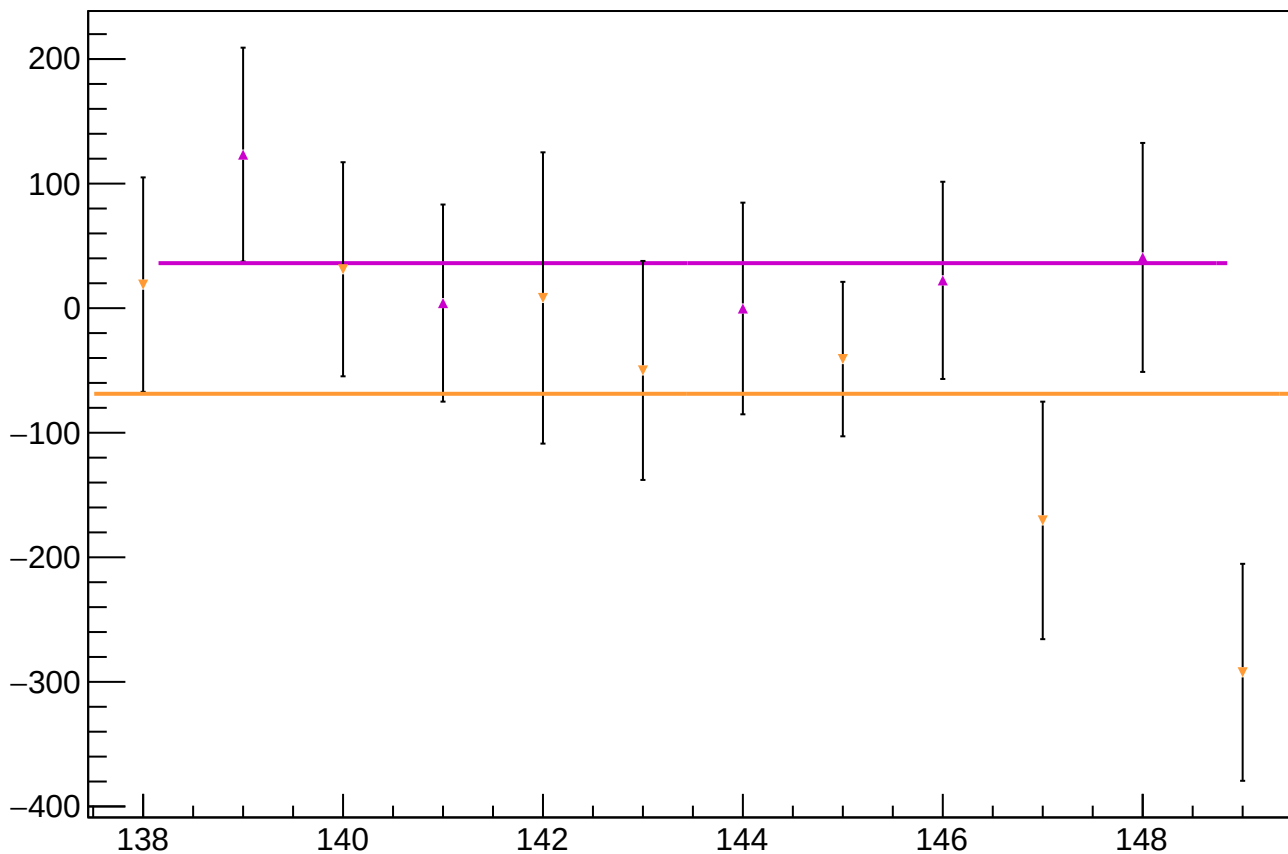
Left In: 353.356+/-0.124 χ^2/NDF : 55980.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.860+/-0.082 χ^2/NDF : 255238.4/11

- 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: -68.730+/-32.026 χ^2/NDF : 10.8/6

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

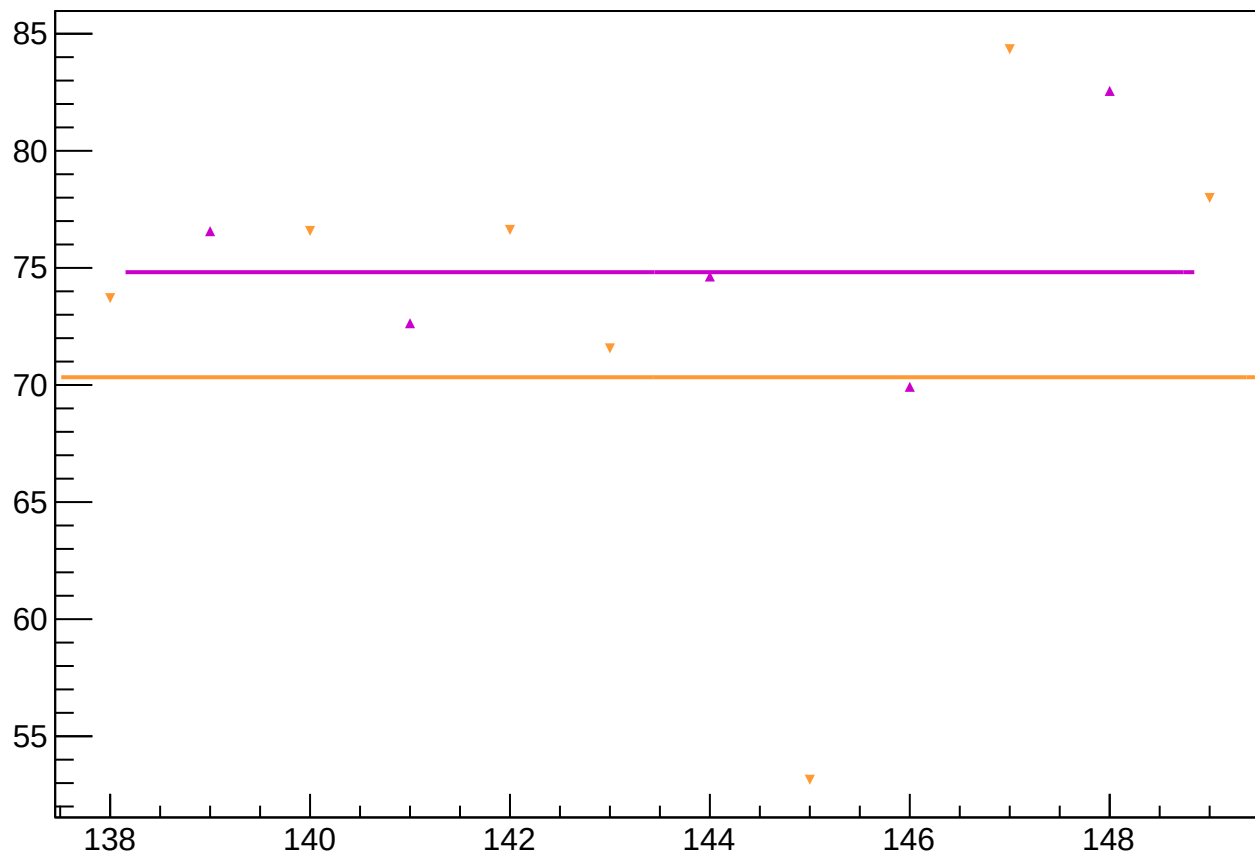
Left In: 36.143+/-37.478 χ^2/NDF : 1.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.469+/-24.347 χ^2/NDF : 16.7/11

- 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: 70.331+/-0.023 χ^2/NDF :232180.9/6

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

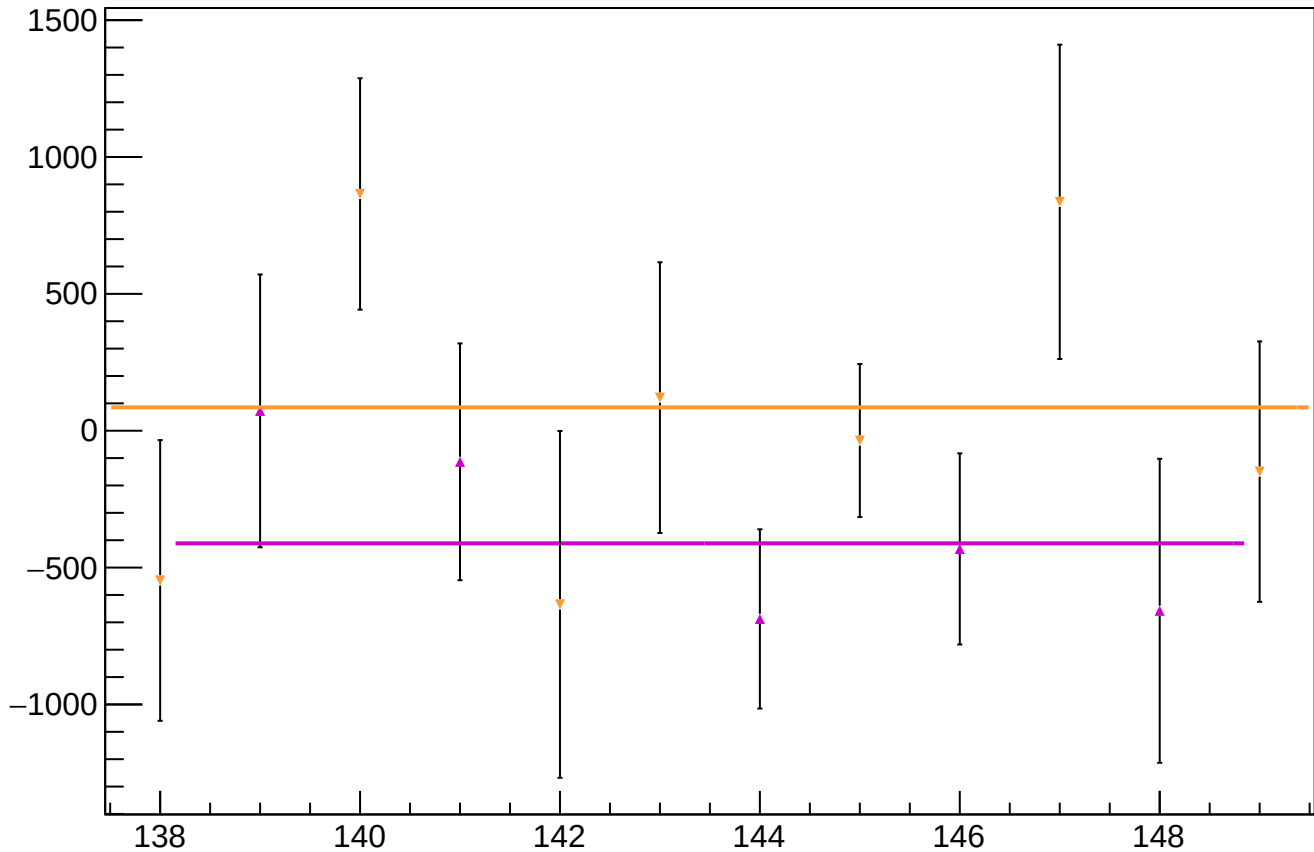
Left In: 74.817+/-0.027 χ^2/NDF :24191.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.225+/-0.017 χ^2/NDF : 272934.0/11

- 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: 85.339+/-166.141 χ^2/NDF : 8.4/6

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

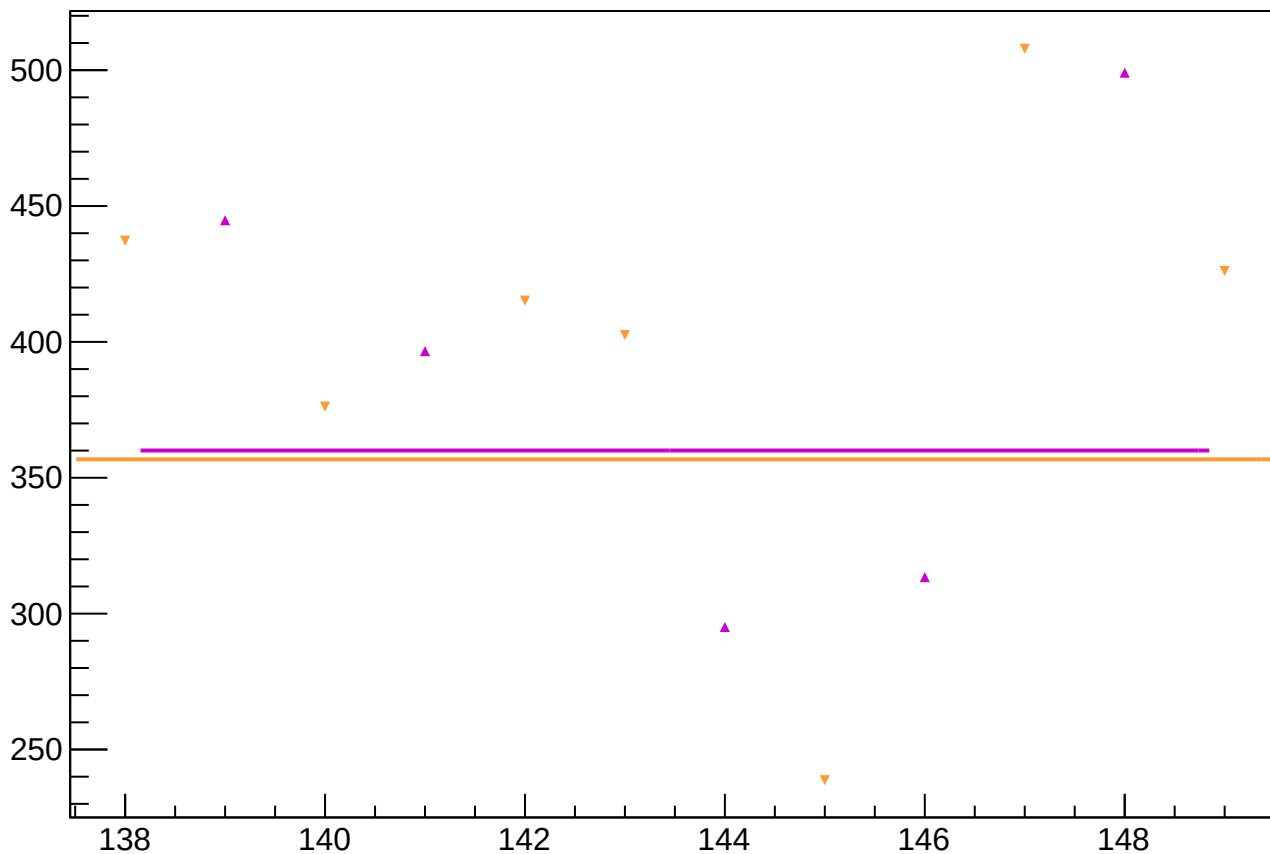
Left In: -411.404+/-182.146 χ^2/NDF : 2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.253+/-122.748 χ^2/NDF : 14.8/11

- 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: 356.788+/-0.117 χ^2/NDF : 625458.2/6

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

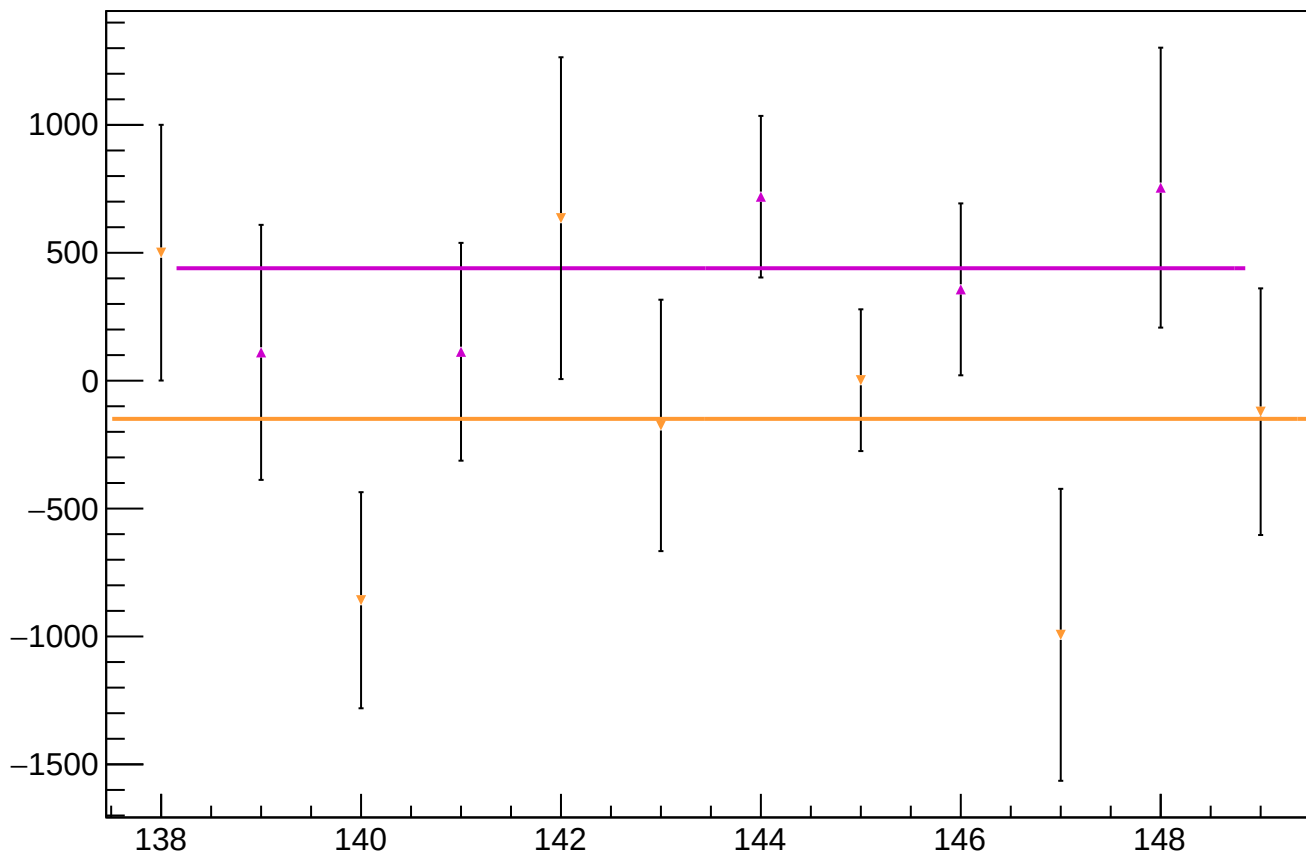
Left In: 360.036+/-0.129 χ^2/NDF : 311831.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 358.263+/-0.087 χ^2/NDF : 937636.7/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -149.249 $\pm$ 165.146 χ^2 /NDF:8.6/6

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

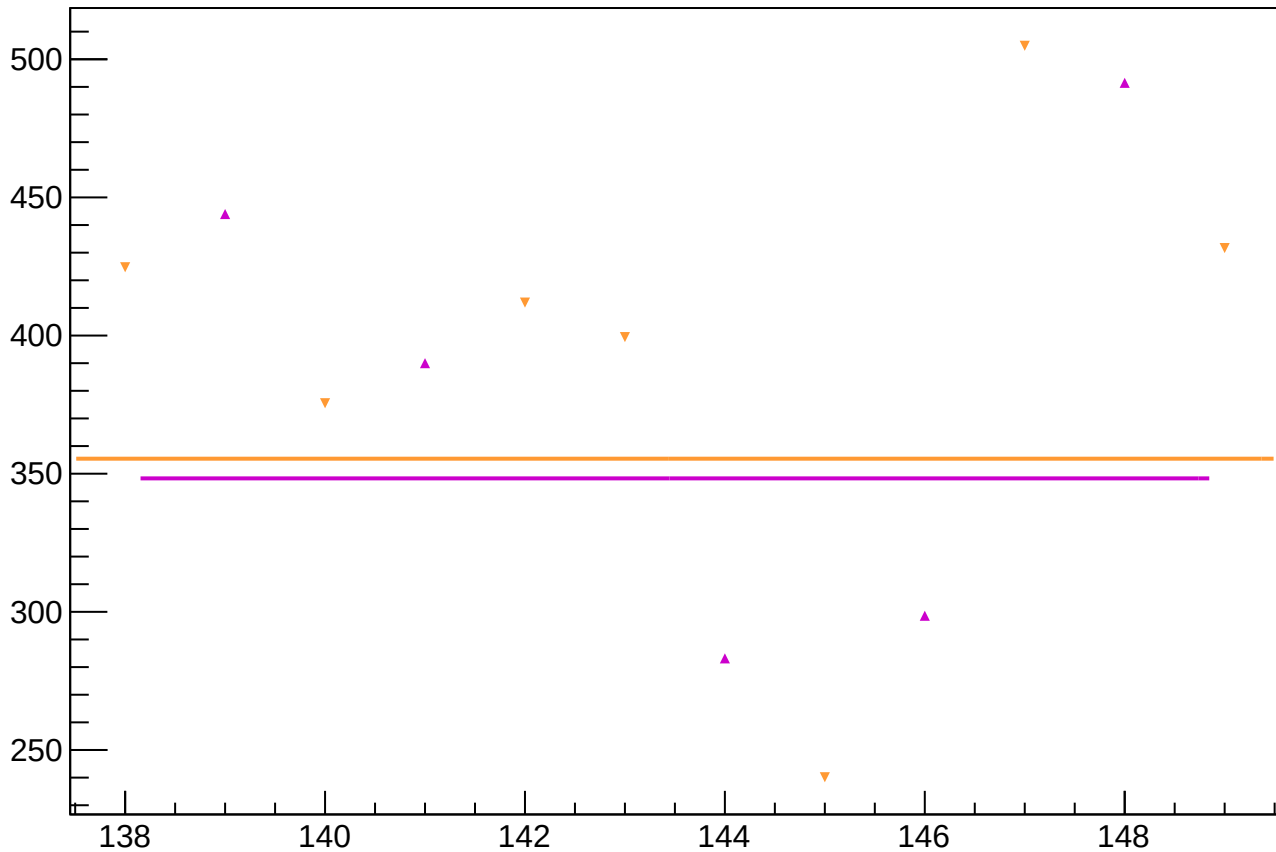
Left In: 439.598 $\pm$ 177.449 χ^2 /NDF:2.2/4

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

All: 124.055 $\pm$ 120.892 χ^2 /NDF: 16.7/11

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

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 355.434+/-0.117 χ^2/NDF : 608482.9/6

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

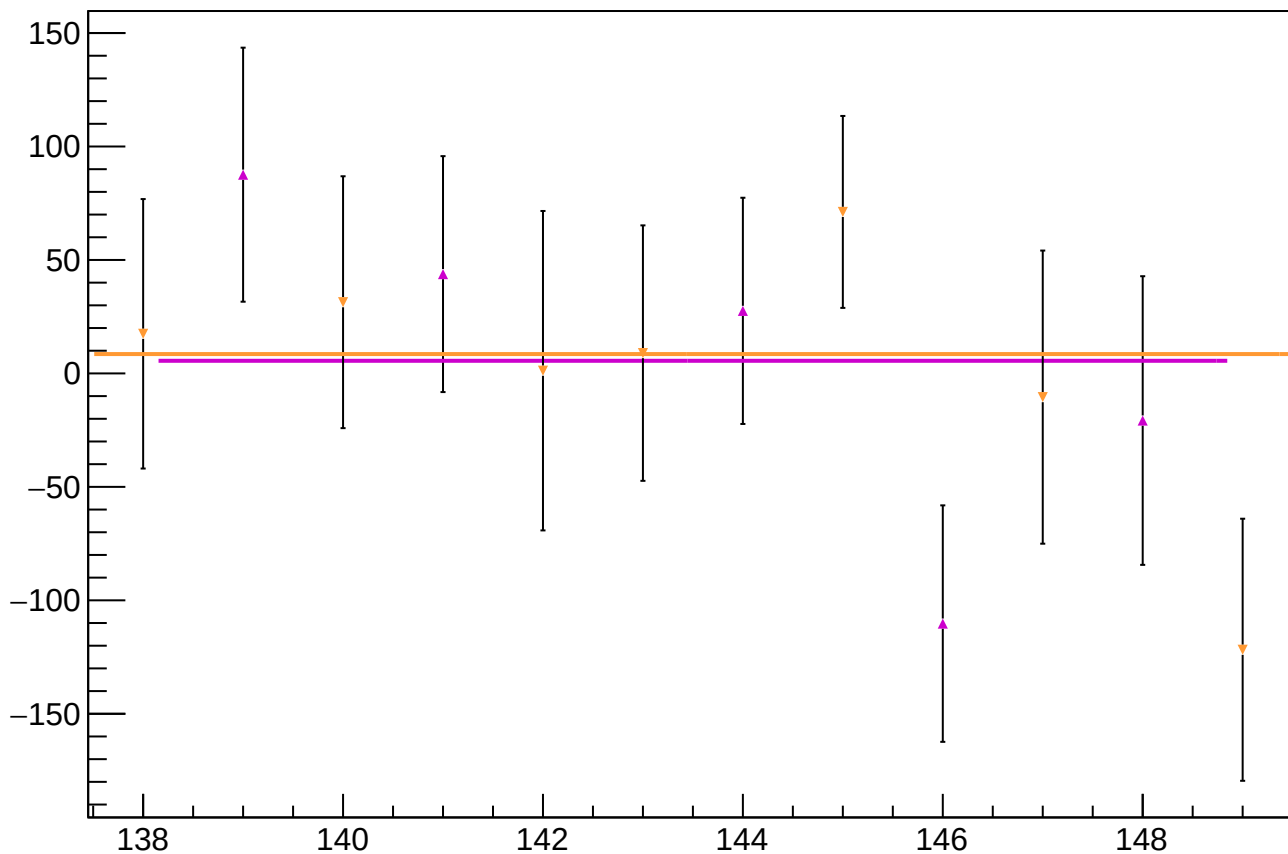
Left In: 348.305+/-0.125 χ^2/NDF : 358599.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.125+/-0.085 χ^2/NDF : 968812.3/11

- 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: 8.527 $\pm$ 21.203 χ^2 /NDF: 7.6/6

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

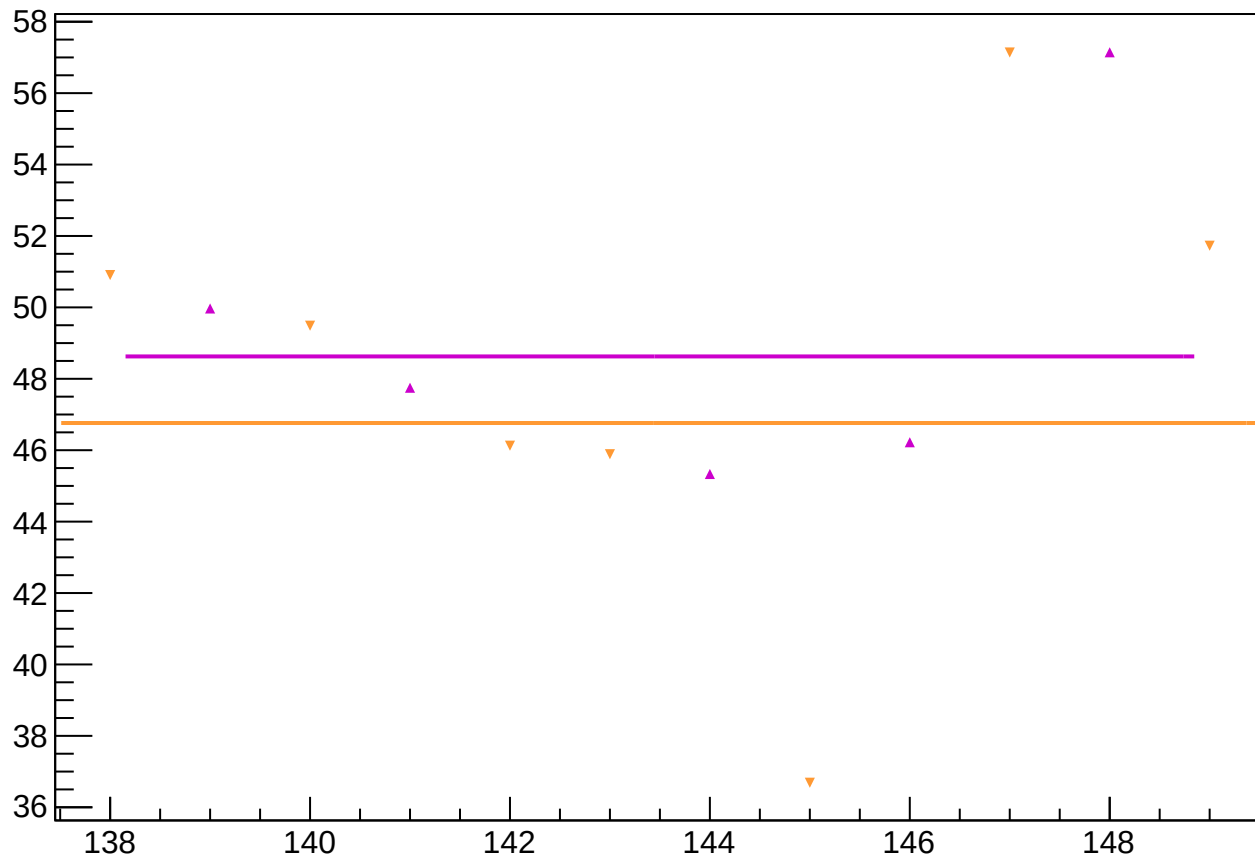
Left In: 5.563 $\pm$ 24.203 χ^2 /NDF: 8.0/4

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

All: 7.240 $\pm$ 15.949 χ^2 /NDF: 15.6/11

- 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: 46.762+/-0.015 χ^2/NDF : 195086.7/6

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

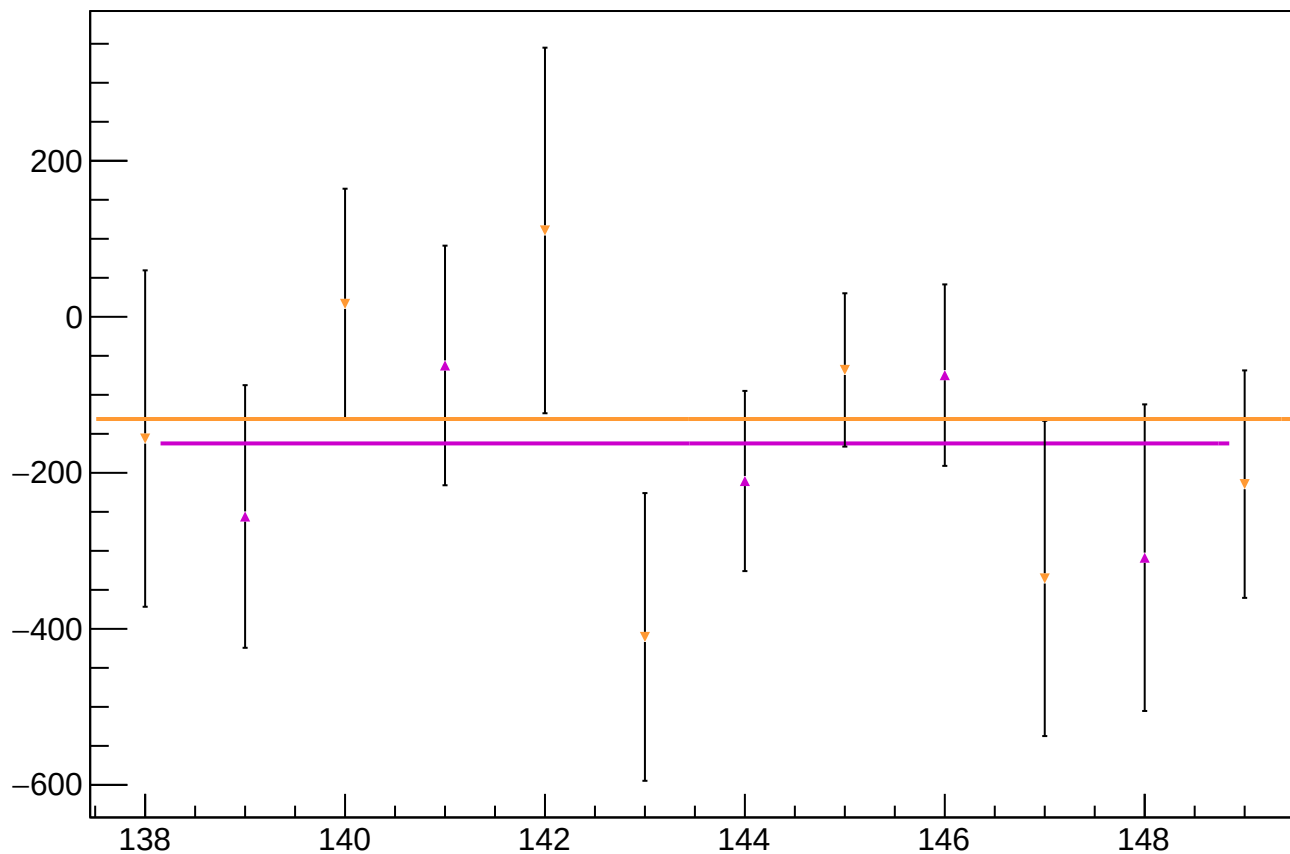
Left In: 48.626+/-0.017 χ^2/NDF : 50572.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.572+/-0.011 χ^2/NDF : 252373.9/11

- 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: -130.989+/-58.708 χ^2/NDF : 6.1/6

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

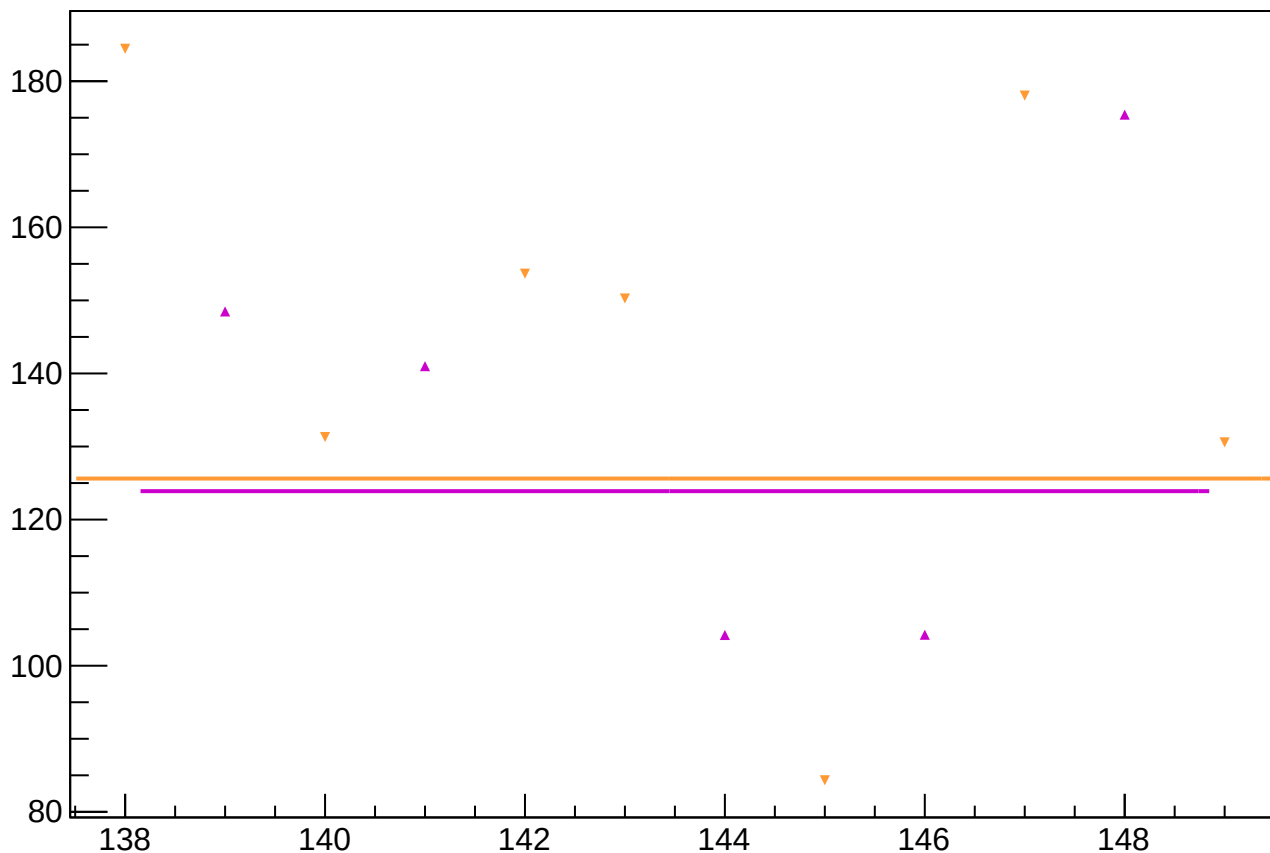
Left In: -162.300+/-62.934 χ^2/NDF : 2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.558+/-42.929 χ^2/NDF : 8.3/11

- 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: 125.619+/-0.042 χ^2/NDF : 706335.7/6

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

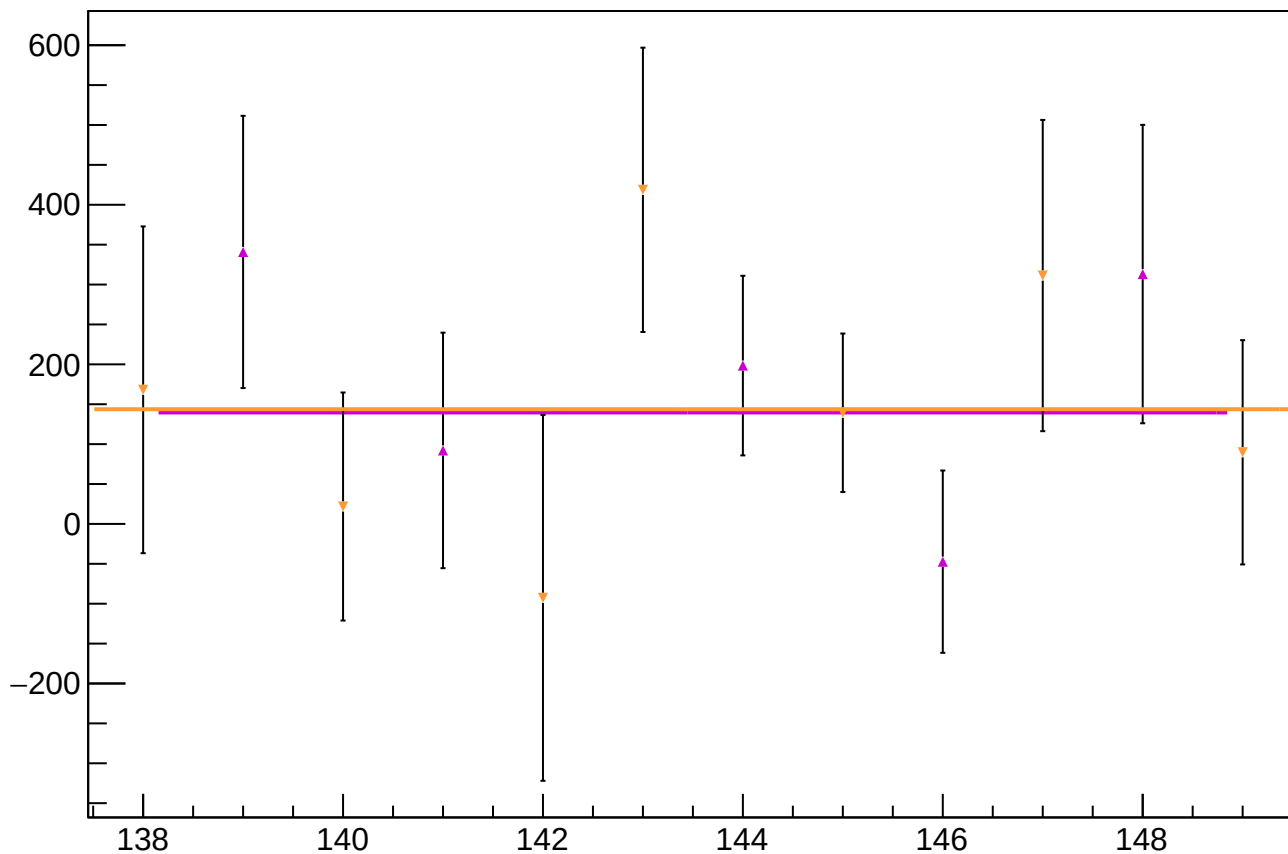
Left In: 123.891+/-0.045 χ^2/NDF : 320233.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.815+/-0.030 χ^2/NDF : 1027375.2/11

- 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: 143.716+/-57.581 χ^2/NDF : 5.1/6

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

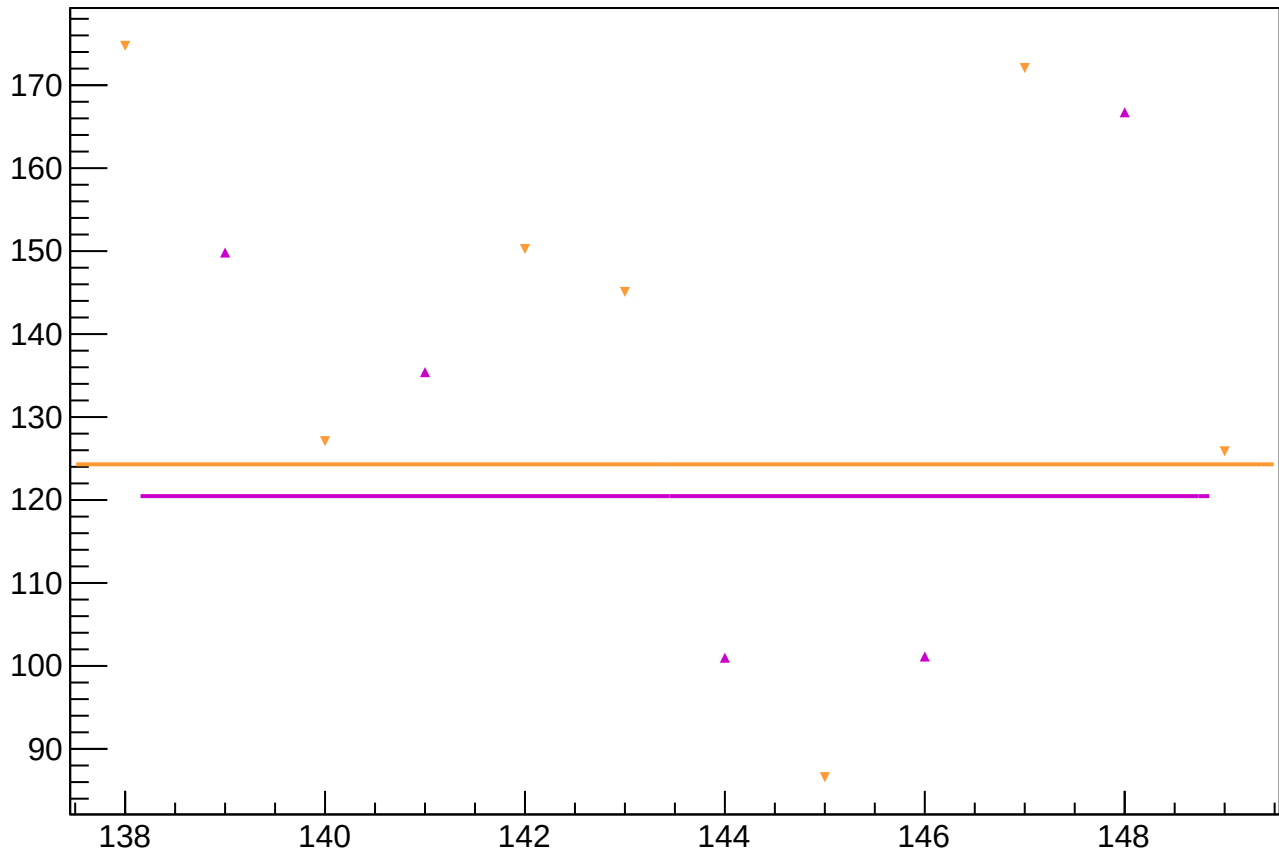
Left In: 139.685+/-61.498 χ^2/NDF : 5.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.833+/-42.032 χ^2/NDF : 10.4/11

- 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: 124.300+/-0.041 χ^2/NDF : 583441.8/6

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

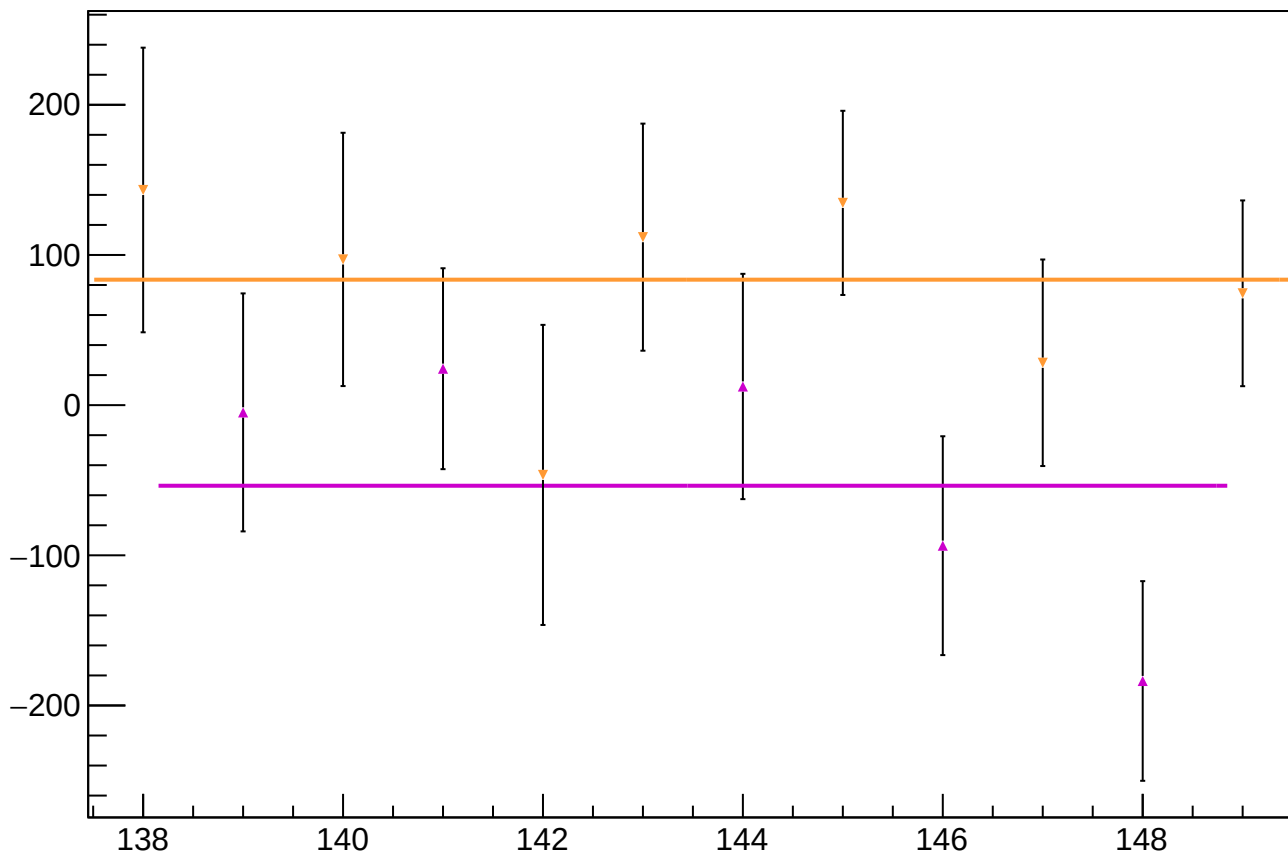
Left In: 120.469+/-0.043 χ^2/NDF : 319298.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.510+/-0.030 χ^2/NDF : 906875.8/11

- 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: 83.549 $\pm$ 28.106 χ^2 /NDF:3.6/6

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

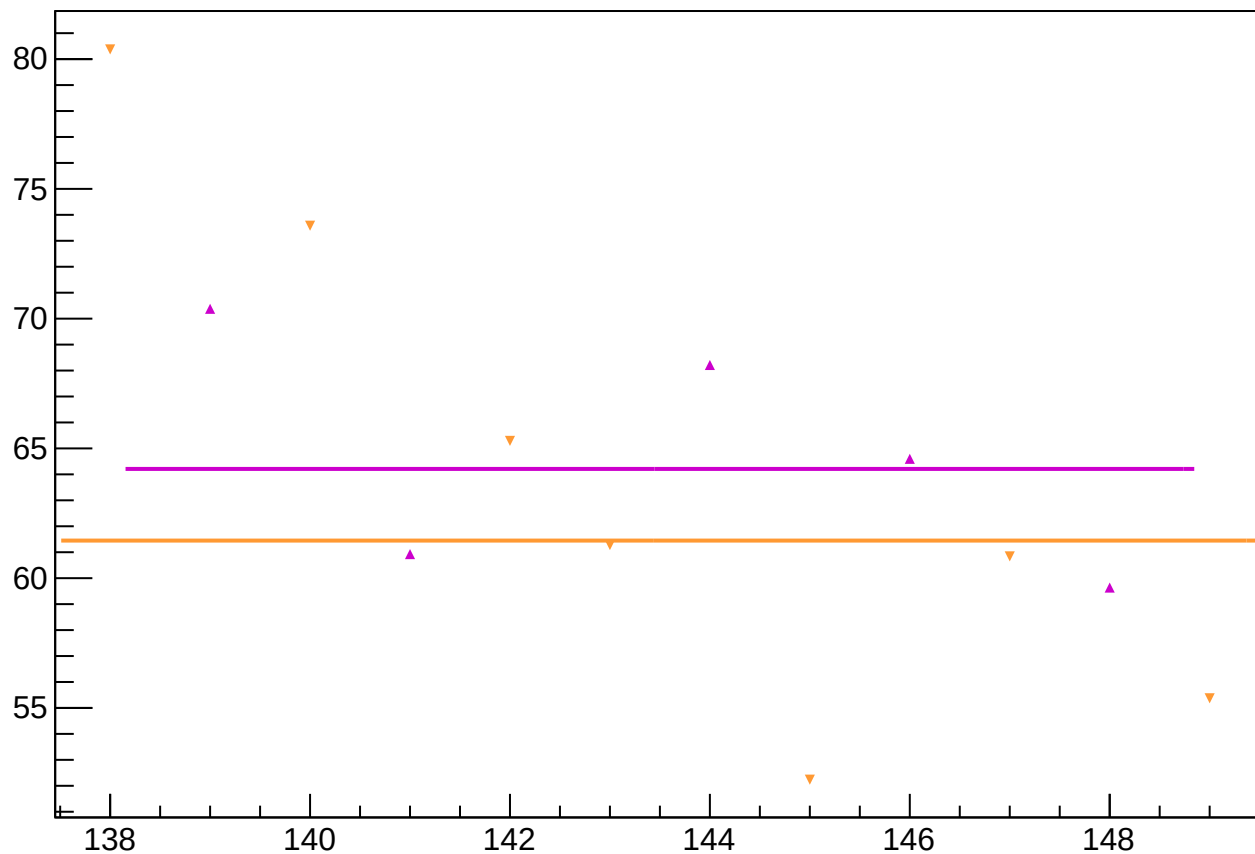
Left In: -53.674 $\pm$ 32.024 χ^2 /NDF:6.6/4

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

All: 23.840 $\pm$ 21.124 χ^2 /NDF: 20.6/11

- 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: 61.449+/-0.020 χ^2/NDF :188730.6/6

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

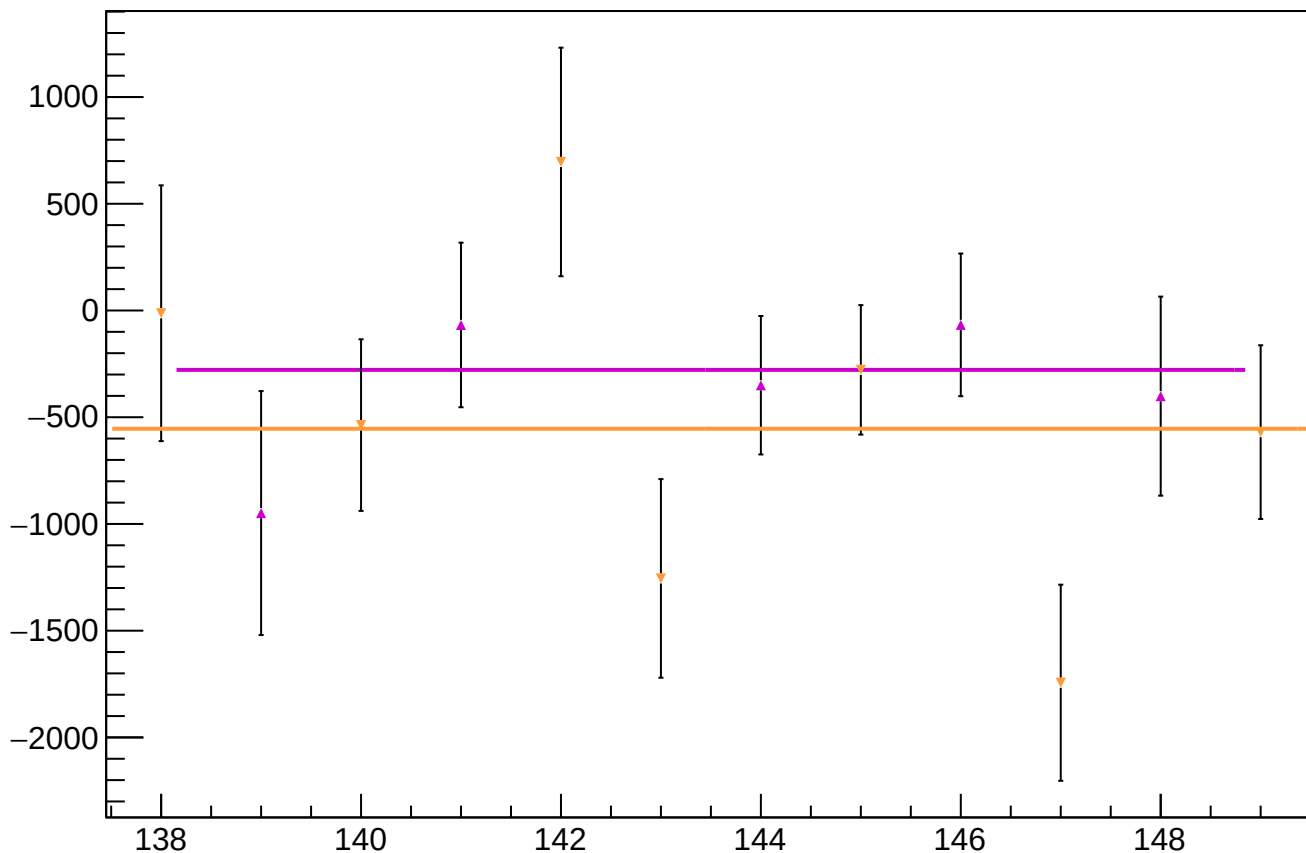
Left In: 64.210+/-0.023 χ^2/NDF :32159.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.650+/-0.015 χ^2/NDF : 229287.5/11

- 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: -553.977+/-160.688 χ^2/NDF :16.1/6

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

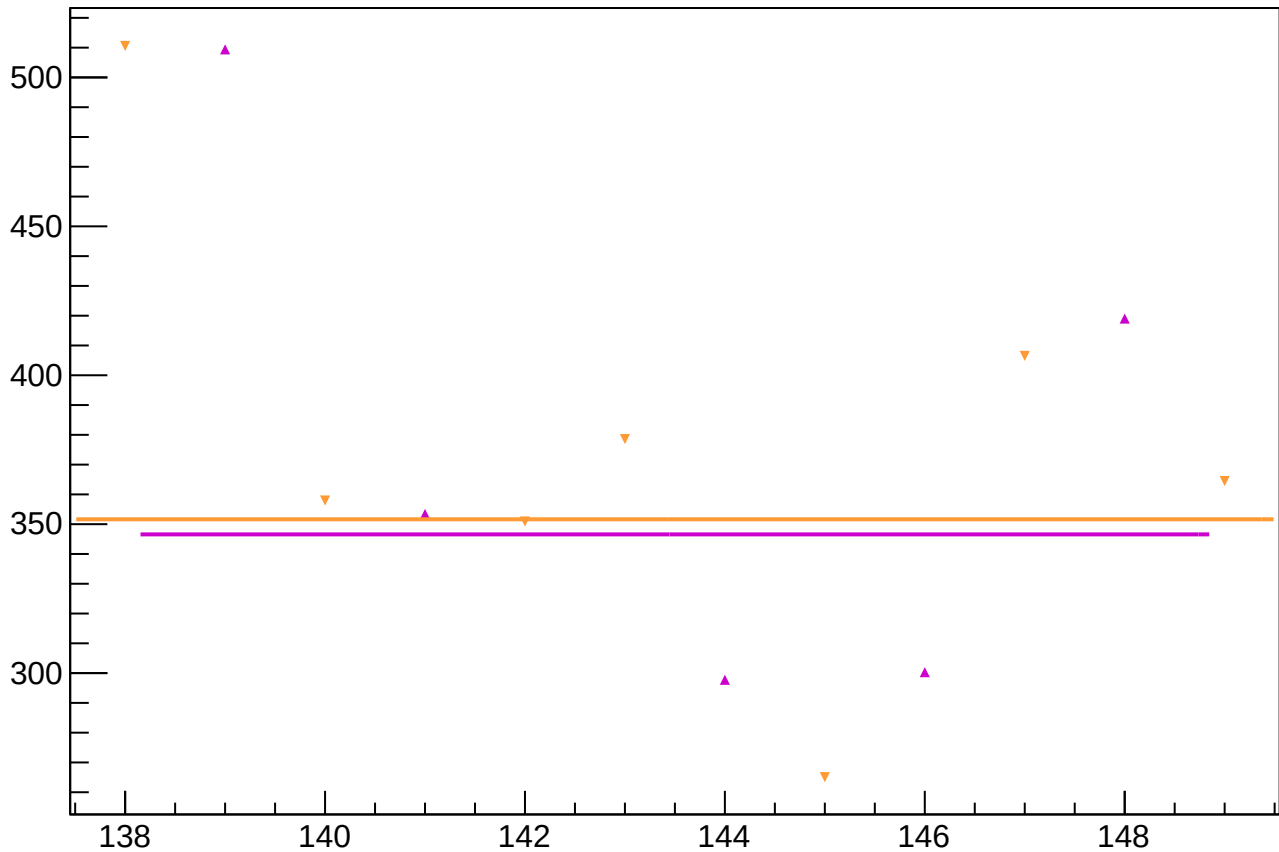
Left In: -278.187+/-174.474 χ^2/NDF :2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.407+/-118.197 χ^2/NDF : 19.6/11

- 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: 351.638+/-0.114 χ^2/NDF : 341389.1/6

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

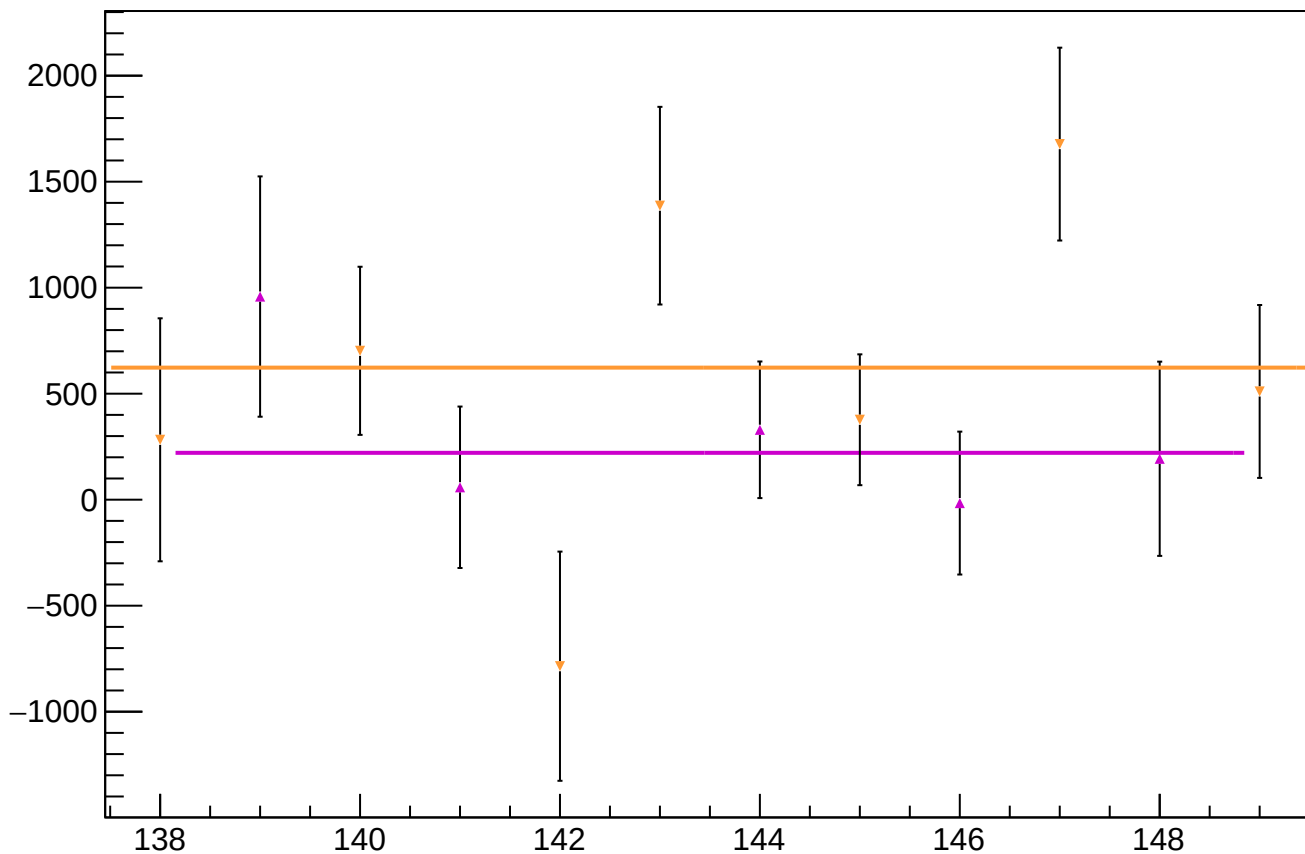
Left In: 346.577+/-0.123 χ^2/NDF : 294990.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.315+/-0.084 χ^2/NDF : 637290.4/11

- 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: 622.942+/-160.589 χ^2/NDF : 16.0/6

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

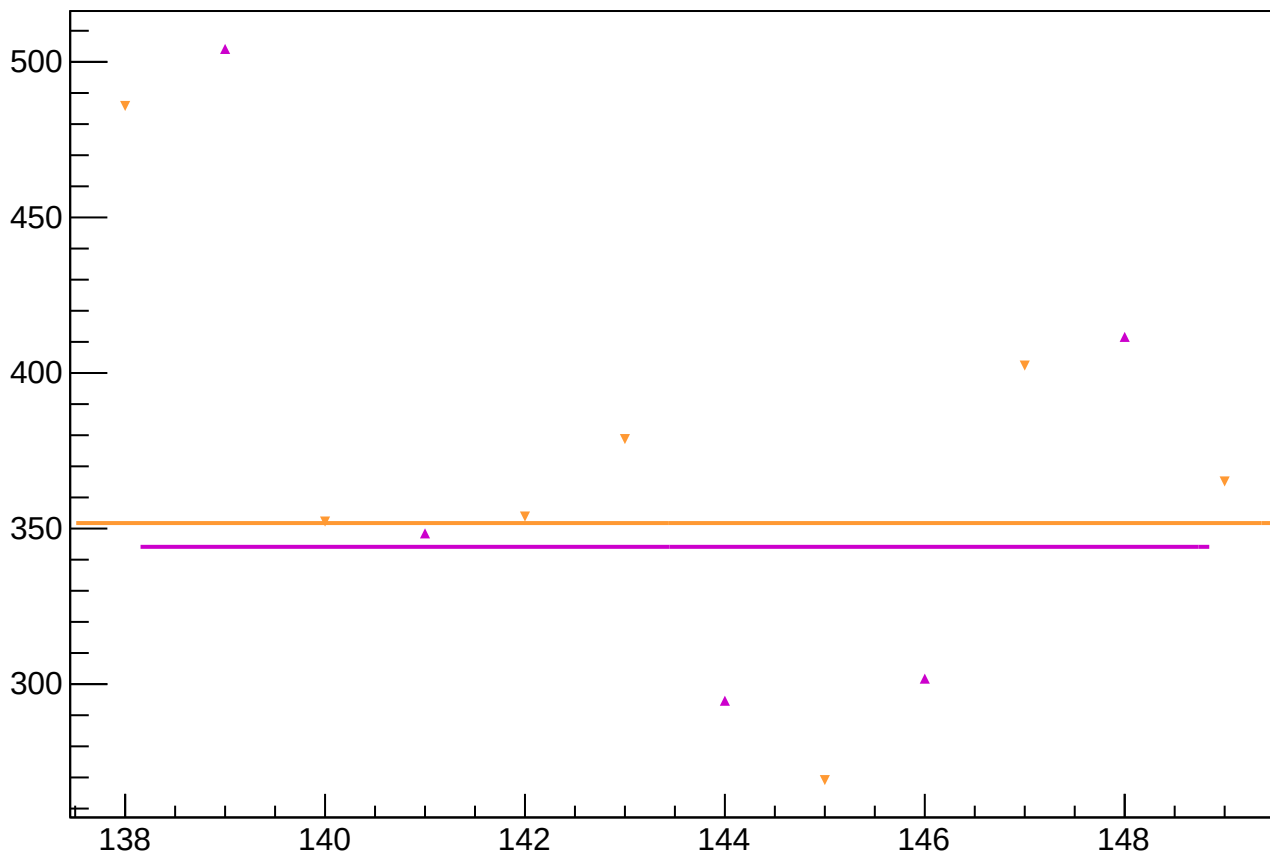
Left In: 221.036+/-173.512 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.512+/-117.858 χ^2/NDF : 21.3/11

- 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: 351.767+/-0.114 χ^2/NDF : 286472.4/6

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

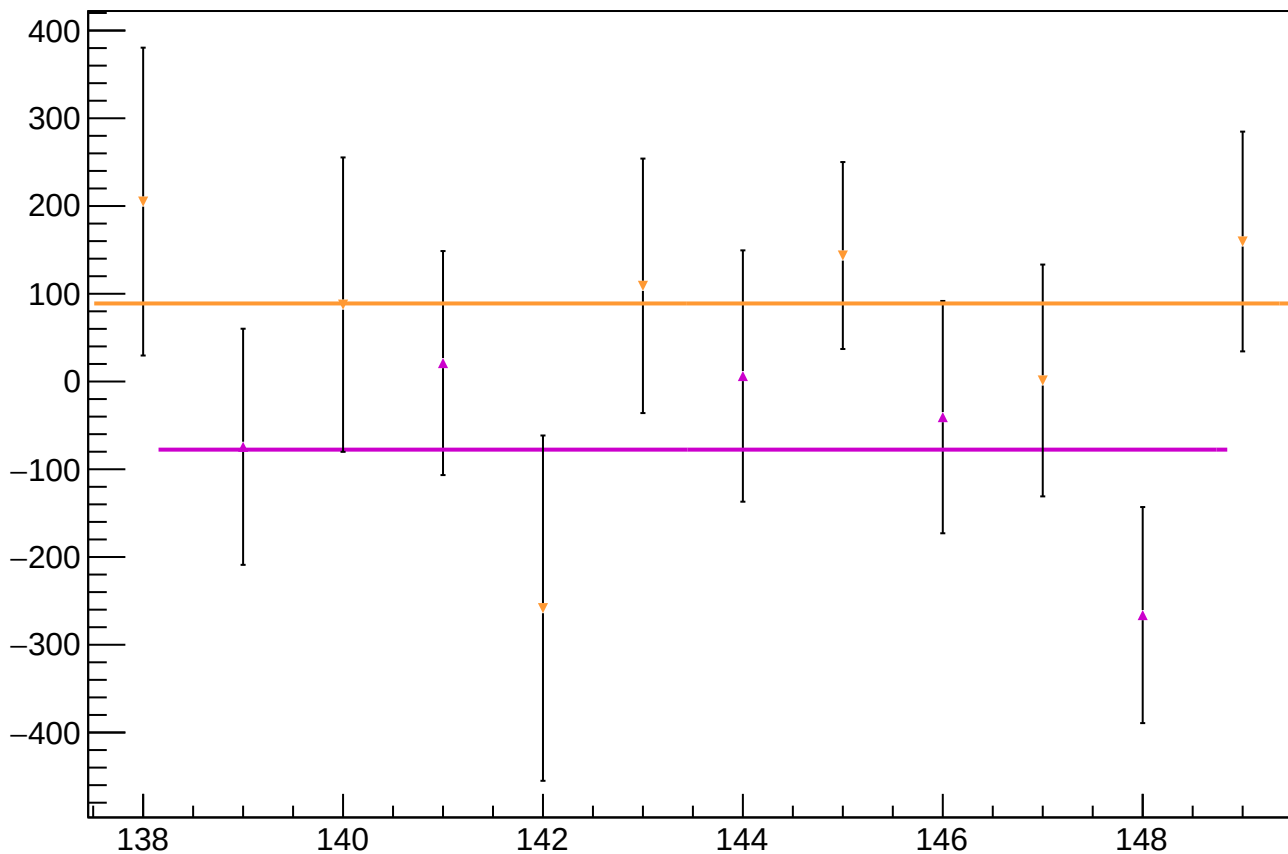
Left In: 344.129+/-0.123 χ^2/NDF : 281851.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.243+/-0.083 χ^2/NDF : 570411.7/11

- 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: 88.949 $\pm$ 53.407 χ^2 /NDF:4.6/6

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

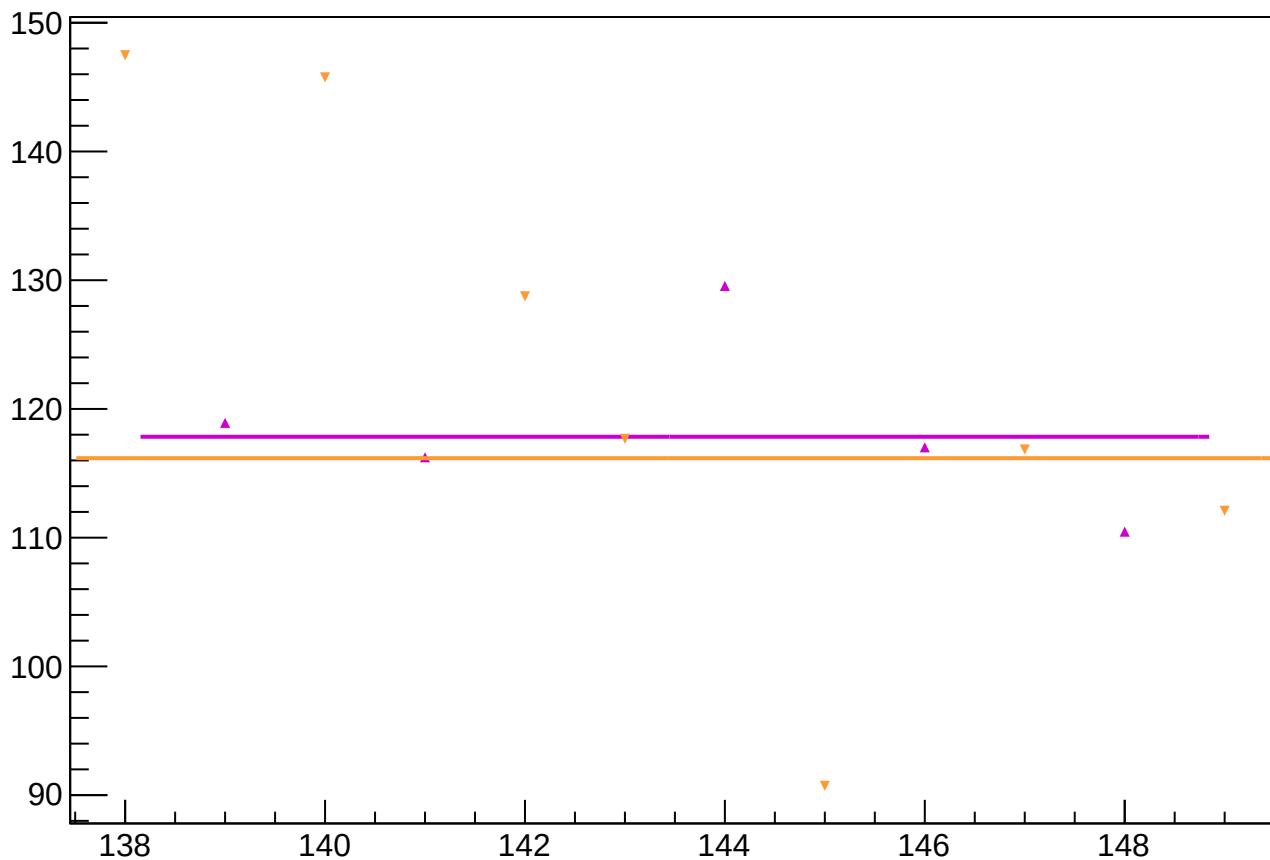
Left In: -77.633 $\pm$ 58.886 χ^2 /NDF:3.4/4

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

All: 13.767 $\pm$ 39.560 χ^2 /NDF: 12.3/11

- 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: 116.176+/-0.038 χ^2/NDF : 250585.6/6

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

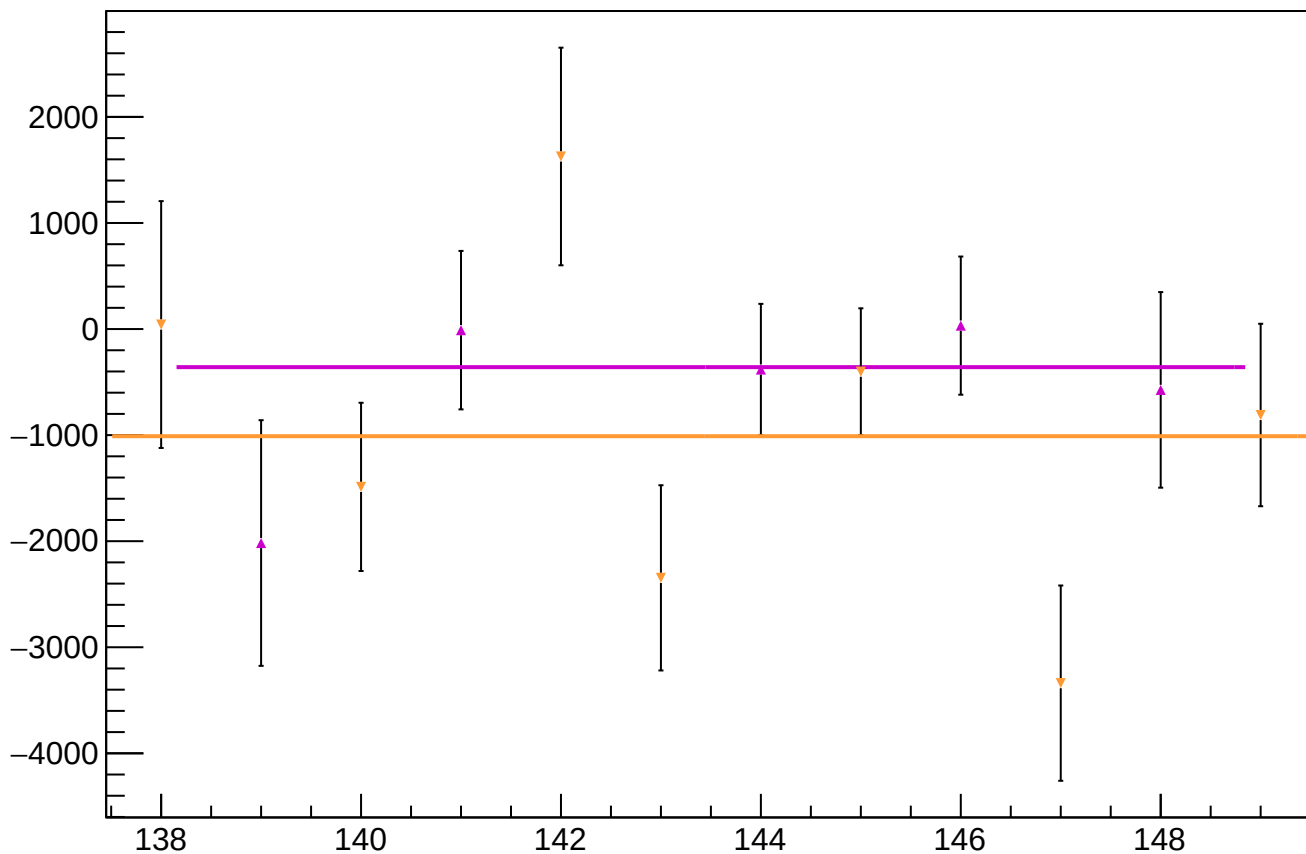
Left In: 117.839+/-0.042 χ^2/NDF : 21076.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.926+/-0.028 χ^2/NDF : 272537.9/11

- 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: -1010.330+/-317.434 χ^2/NDF :17.6/6

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

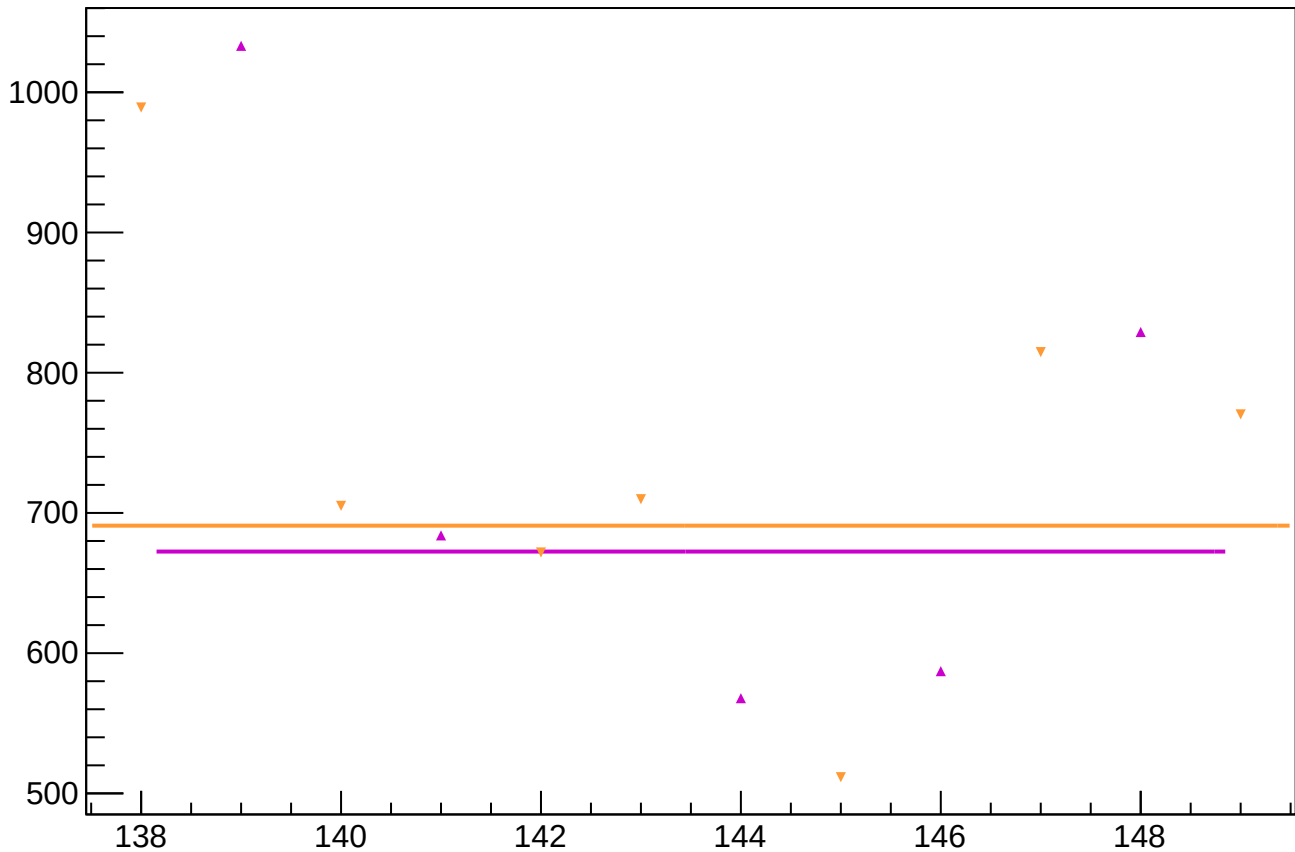
Left In: -359.117+/-339.428 χ^2/NDF :2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -706.504+/-231.845 χ^2/NDF : 22.3/11

- 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: 690.934+/-0.224 χ^2/NDF : 367147.6/6

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

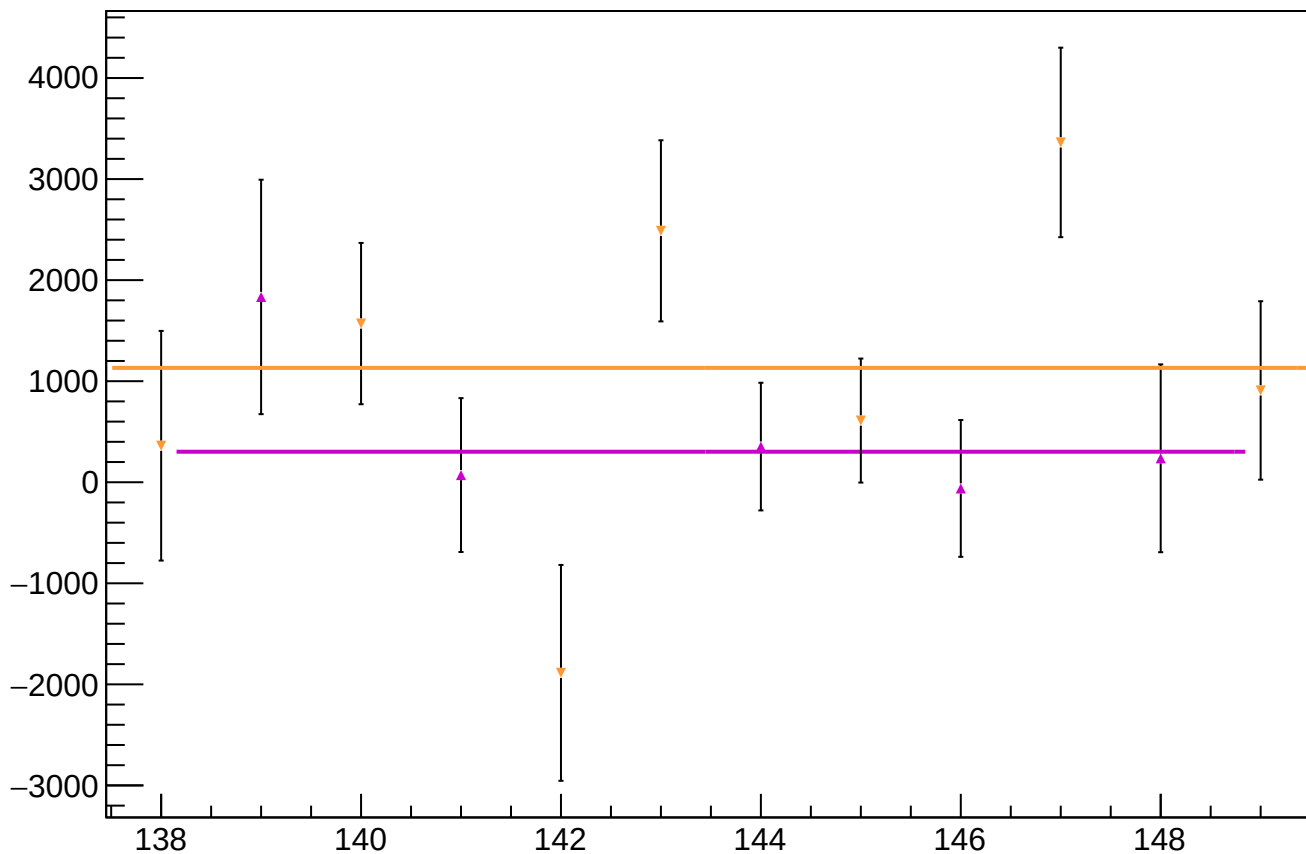
Left In: 672.460+/-0.240 χ^2/NDF : 343495.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.315+/-0.164 χ^2/NDF : 713802.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 1131.773 $\pm$ 323.710 χ^2 /NDF:17.5/6

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

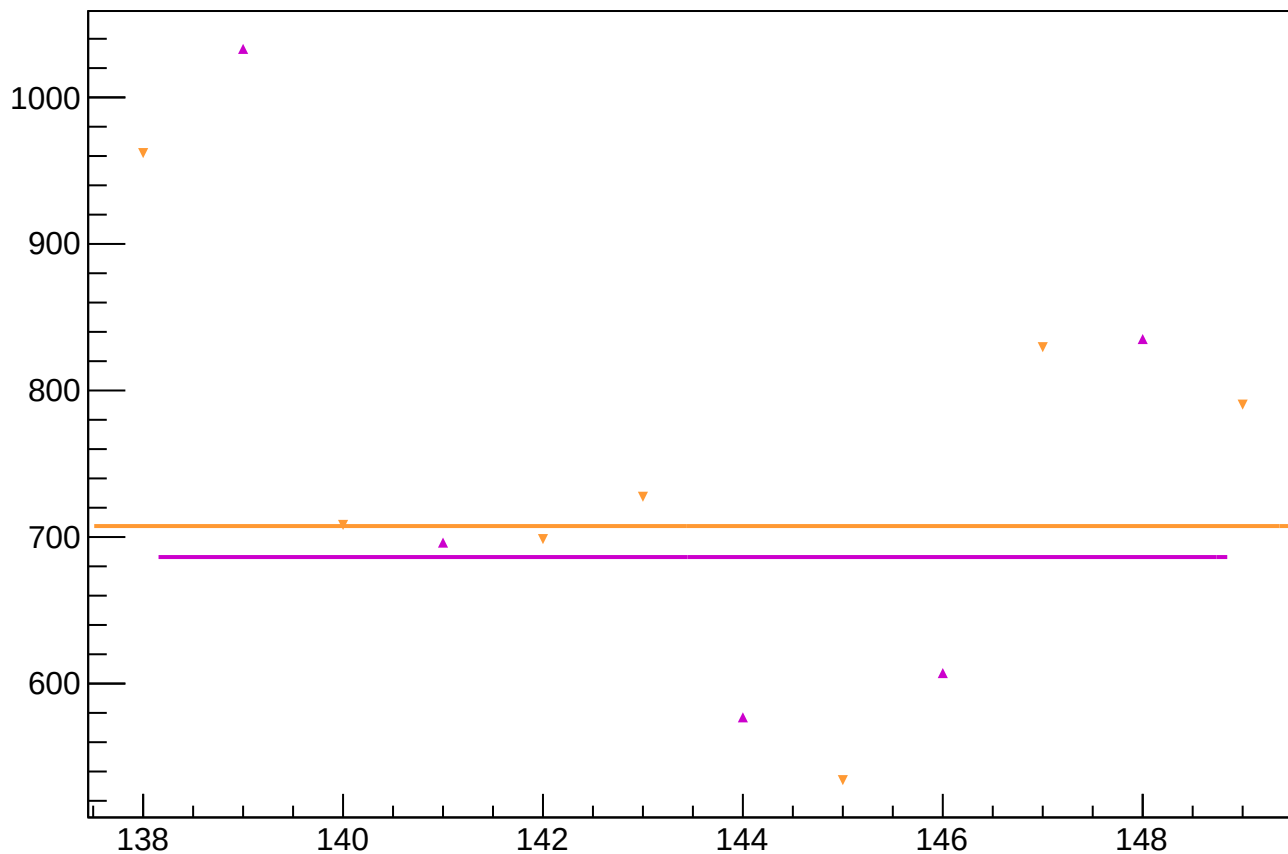
Left In: 301.892 $\pm$ 346.777 χ^2 /NDF:2.1/4

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

All: 745.350 $\pm$ 236.632 χ^2 /NDF: 22.7/11

- sign 0.000 $\pm$ 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: 707.486+/-0.229 χ^2/NDF : 312683.7/6

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

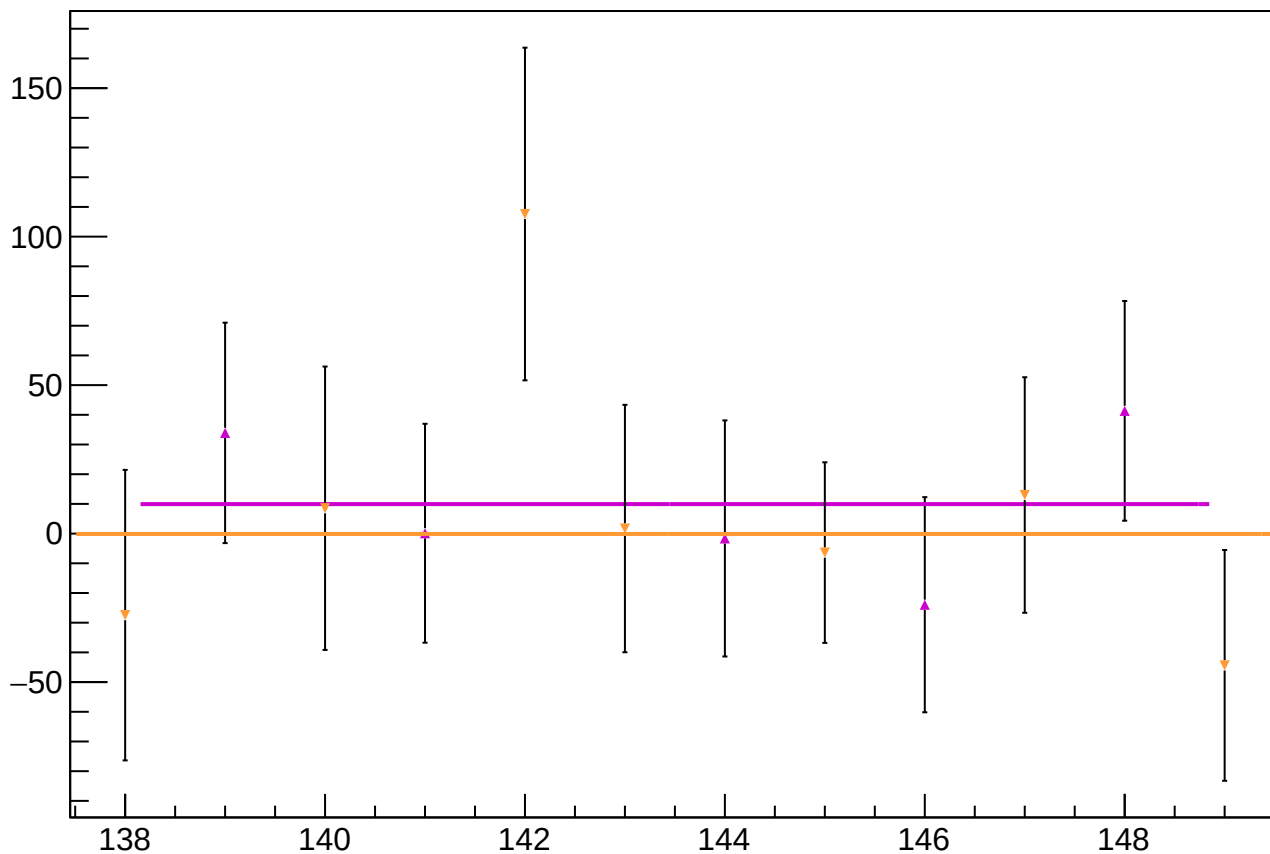
Left In: 686.345+/-0.245 χ^2/NDF : 317675.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.642+/-0.167 χ^2/NDF : 634330.9/11

- 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: -0.118 $\pm$ 15.557 χ^2 /NDF: 5.5/6

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

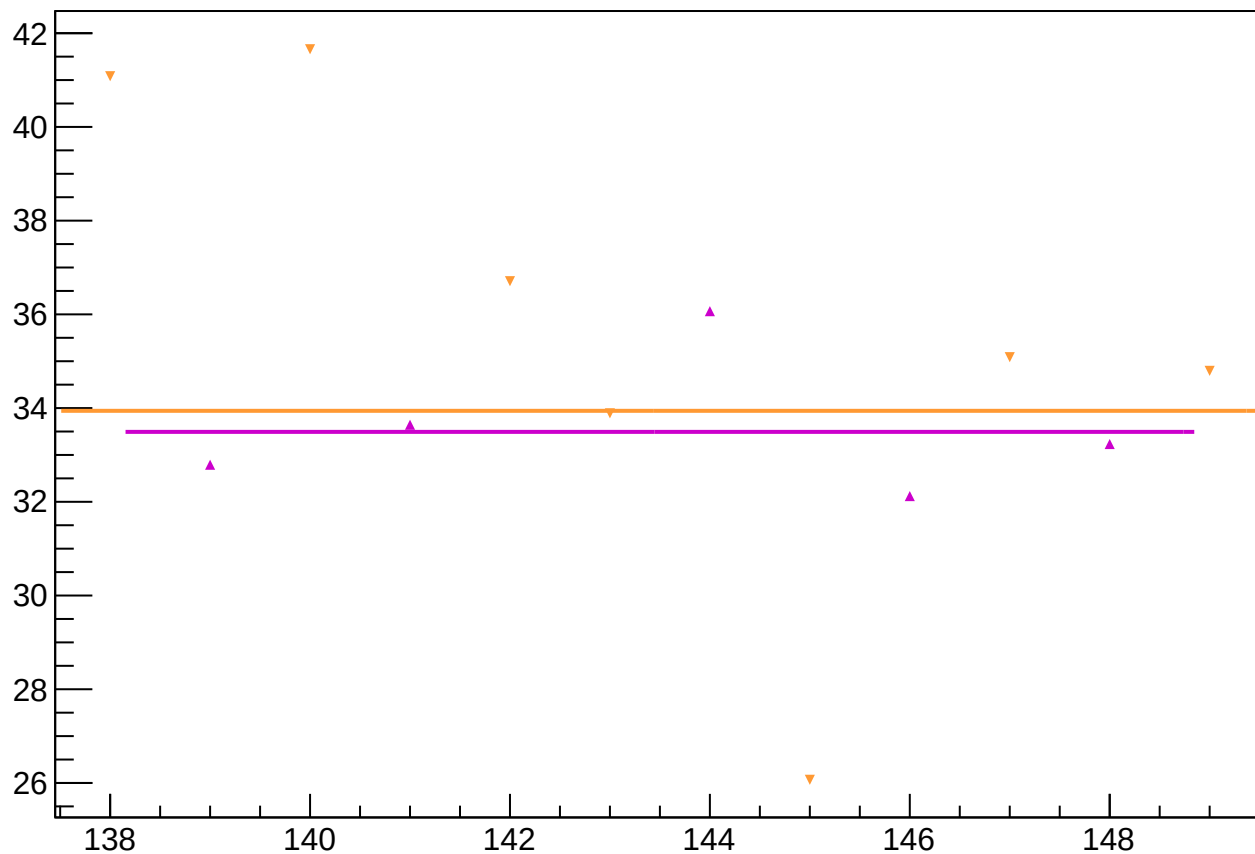
Left In: 9.933 $\pm$ 16.695 χ^2 /NDF: 2.2/4

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

All: 4.553 $\pm$ 11.381 χ^2 /NDF: 7.9/11

- 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: 33.942+/-0.011 χ^2/NDF : 236551.3/6

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

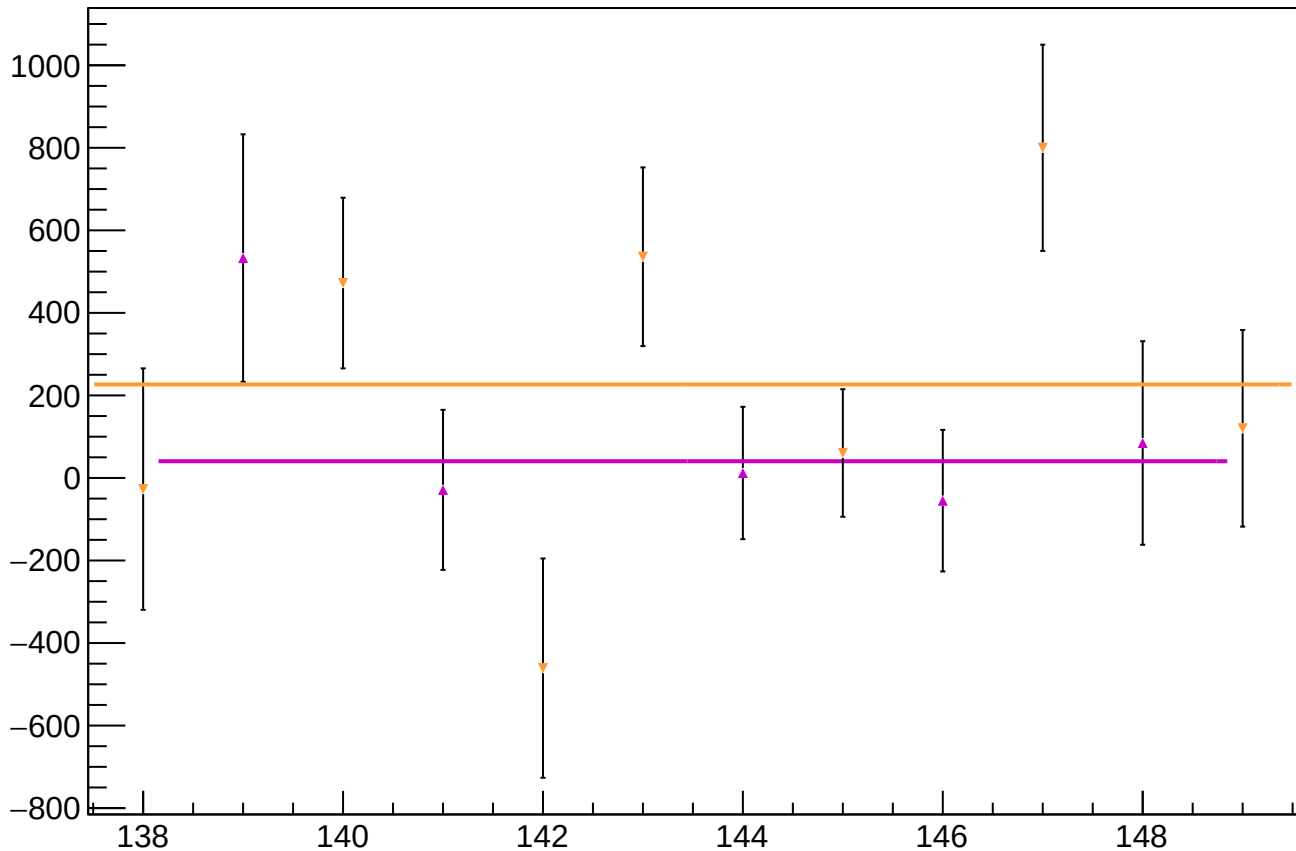
Left In: 33.492+/-0.012 χ^2/NDF : 12104.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.733+/-0.008 χ^2/NDF : 249431.1/11

- 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: 226.676+/-82.742 χ^2/NDF :17.5/6

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

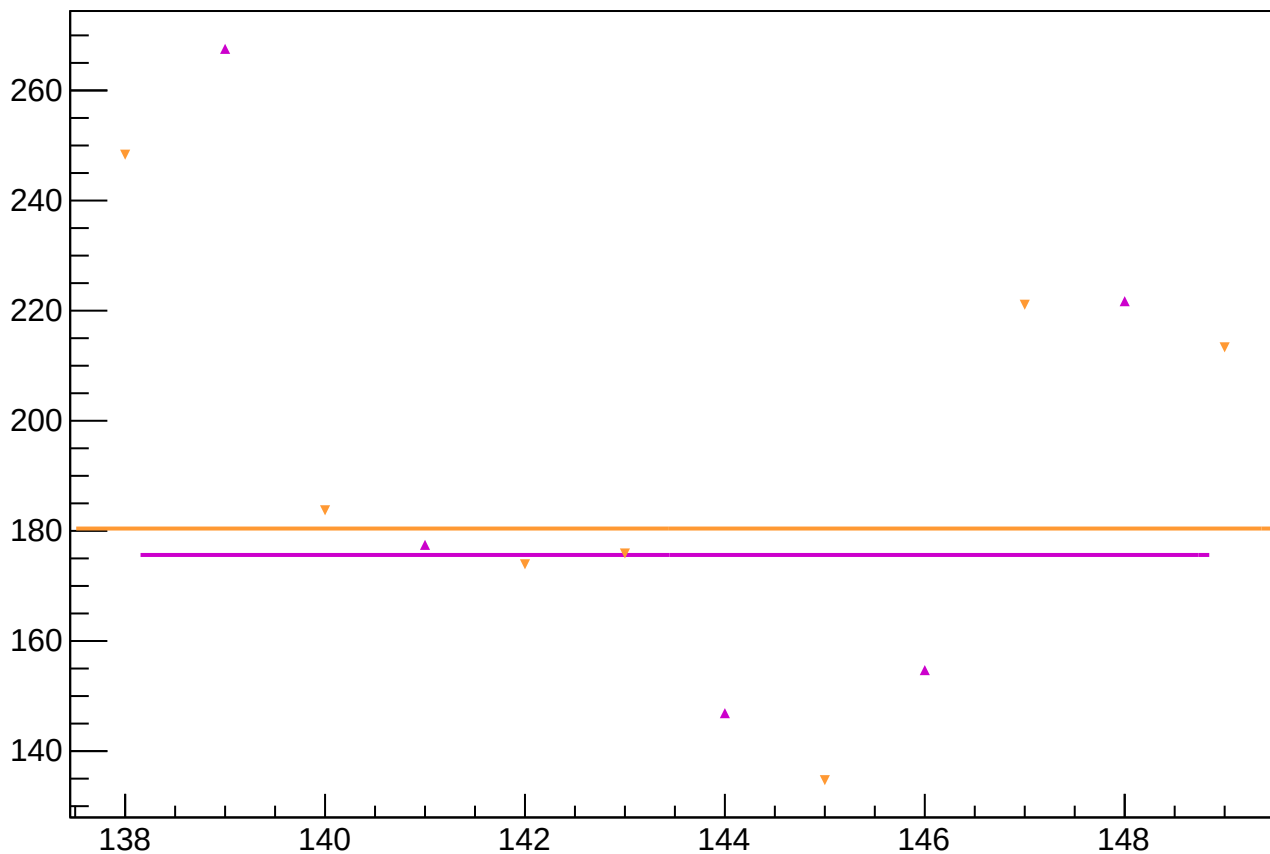
Left In: 40.552+/-88.708 χ^2/NDF :3.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.083+/-60.507 χ^2/NDF : 23.1/11

- 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: 180.427+/-0.059 χ^2/NDF : 376320.3/6

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

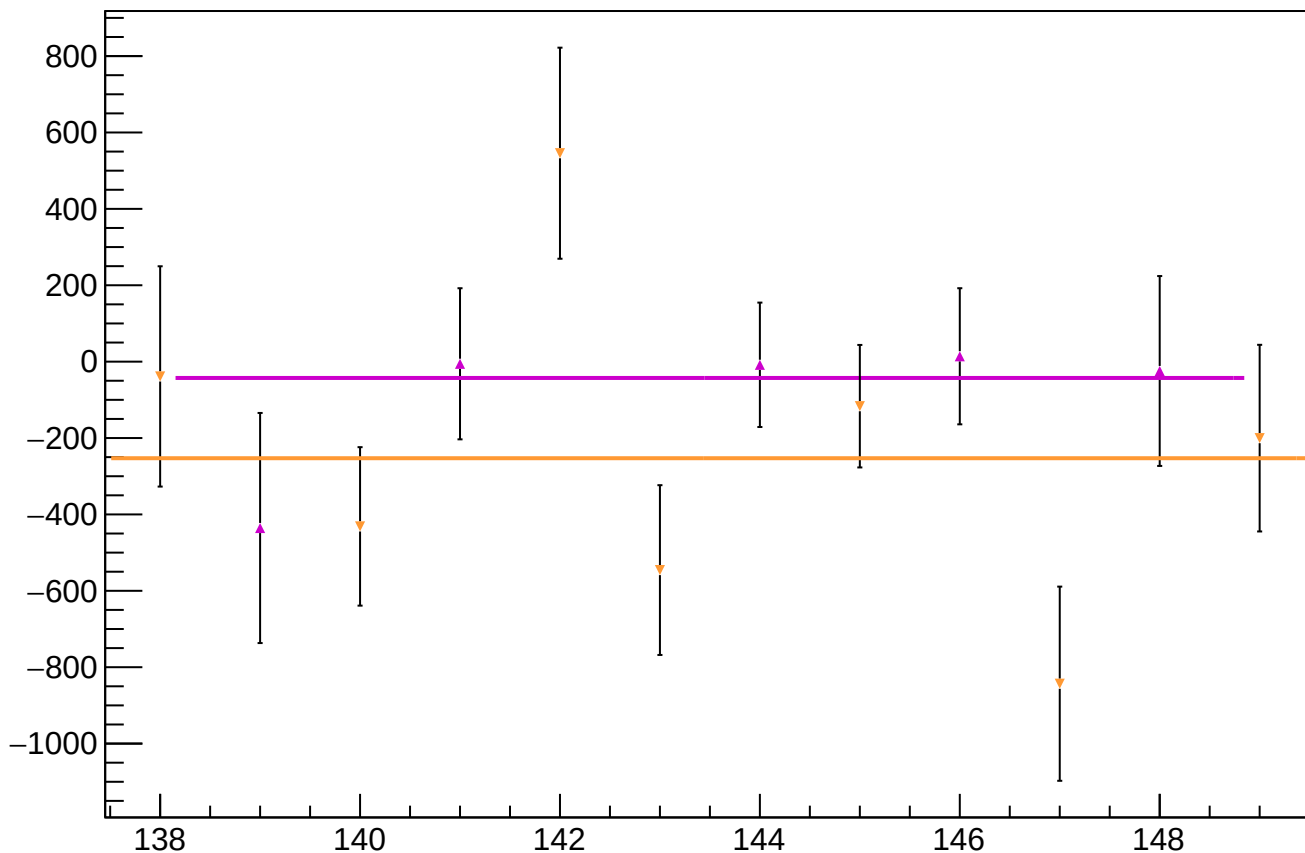
Left In: 175.628+/-0.063 χ^2/NDF : 352082.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.194+/-0.043 χ^2/NDF : 731533.3/11

- 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: -252.840+/-84.606 χ^2/NDF : 17.5/6

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

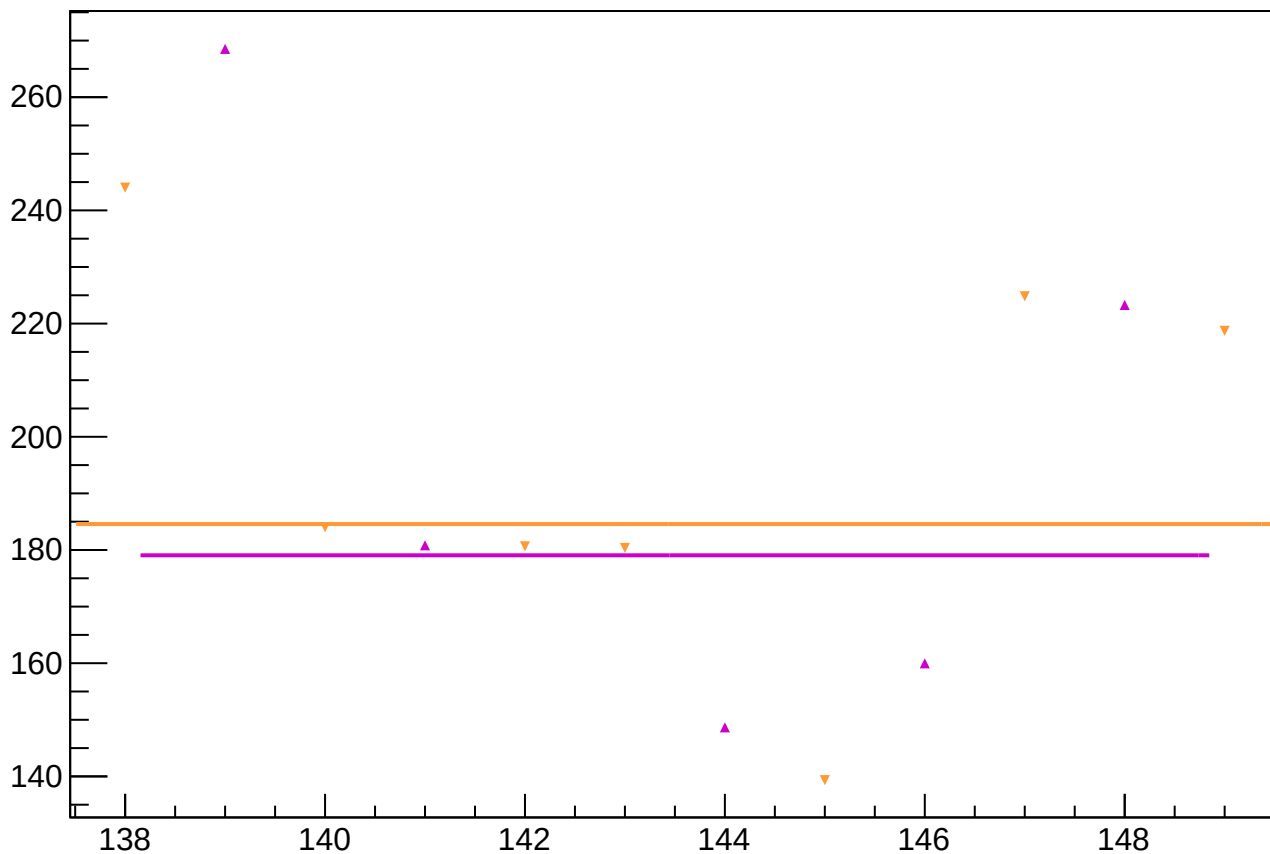
Left In: -42.702+/-90.554 χ^2/NDF : 1.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.899+/-61.821 χ^2/NDF : 22.3/11

- 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: 184.584+/-0.060 χ^2/NDF : 334455.9/6

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

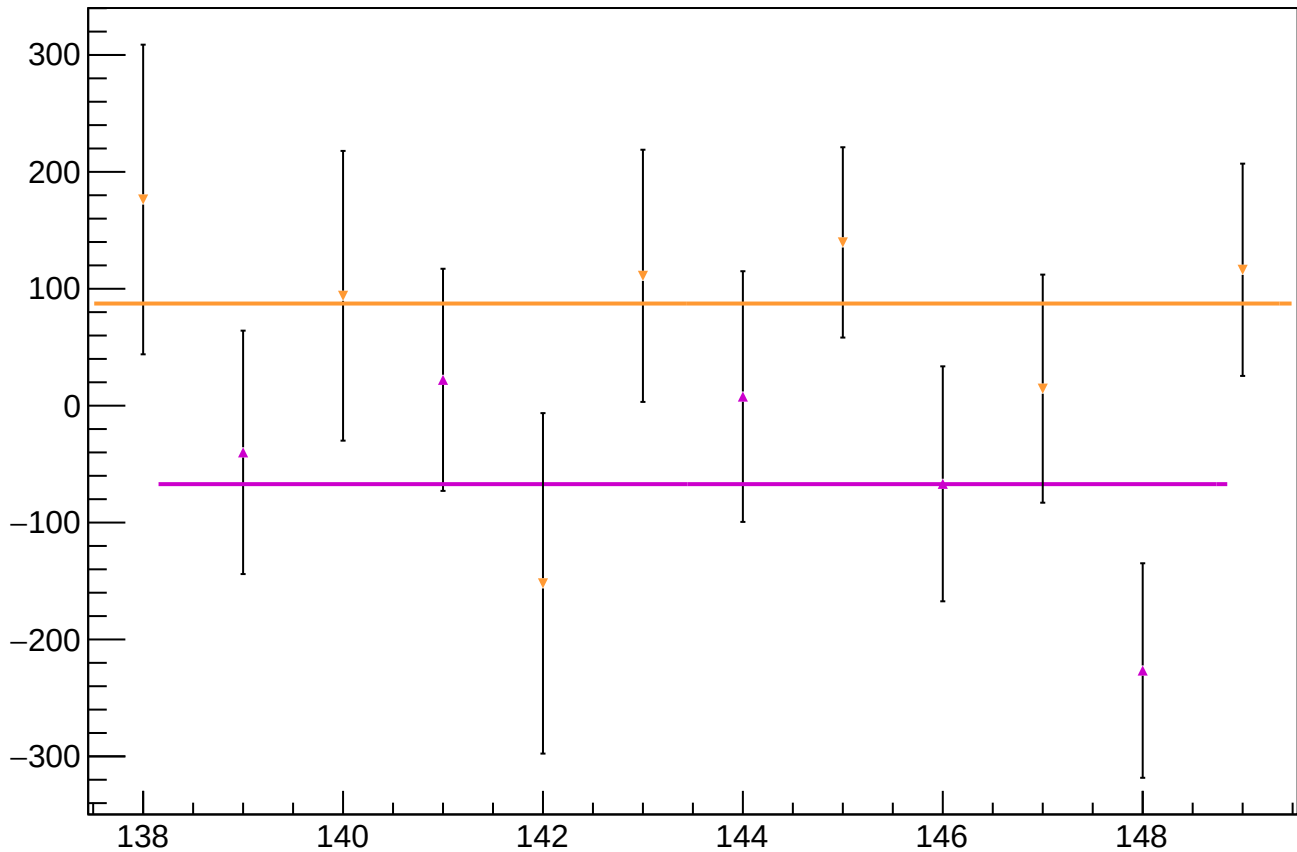
Left In: 179.062+/-0.064 χ^2/NDF : 332513.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.010+/-0.044 χ^2/NDF : 670940.0/11

- 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: 87.369+/-39.762 χ^2/NDF : 4.3/6

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

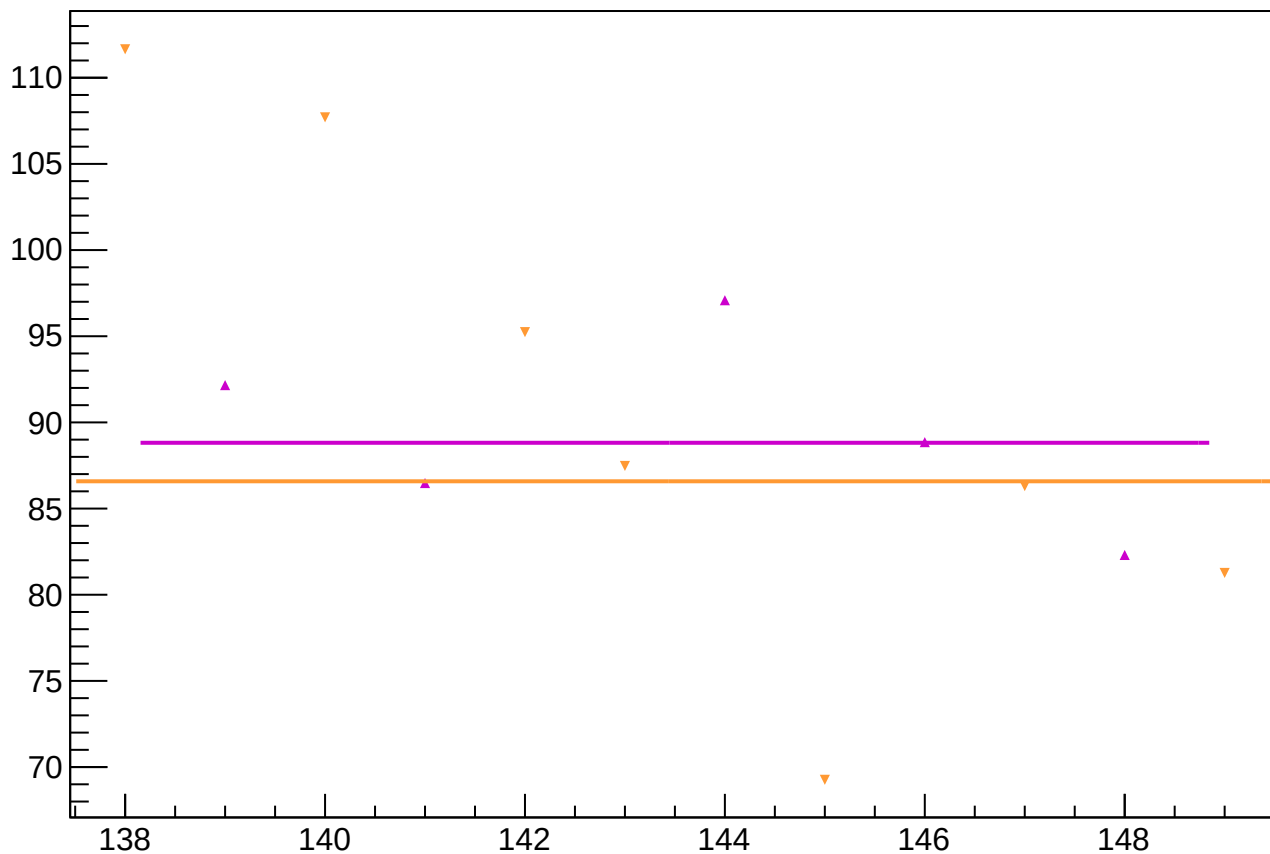
Left In: -67.128+/-44.377 χ^2/NDF : 4.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.569+/-29.613 χ^2/NDF : 15.5/11

- 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: 86.583+/-0.028 χ^2/NDF : 234364.1/6

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

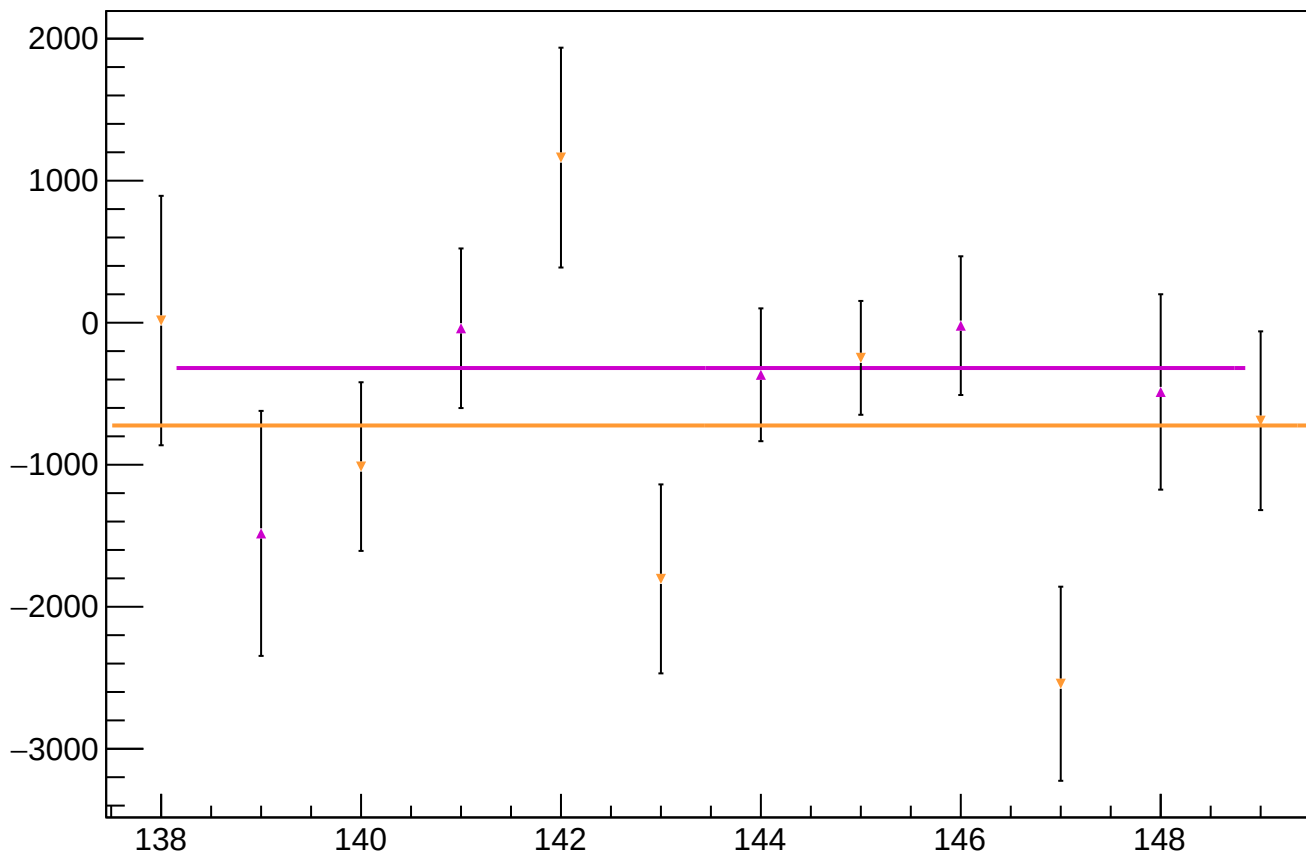
Left In: 88.818+/-0.031 χ^2/NDF : 25242.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.578+/-0.021 χ^2/NDF : 262419.7/11

- 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: -723.558+/-229.685 χ^2/NDF :18.0/6

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

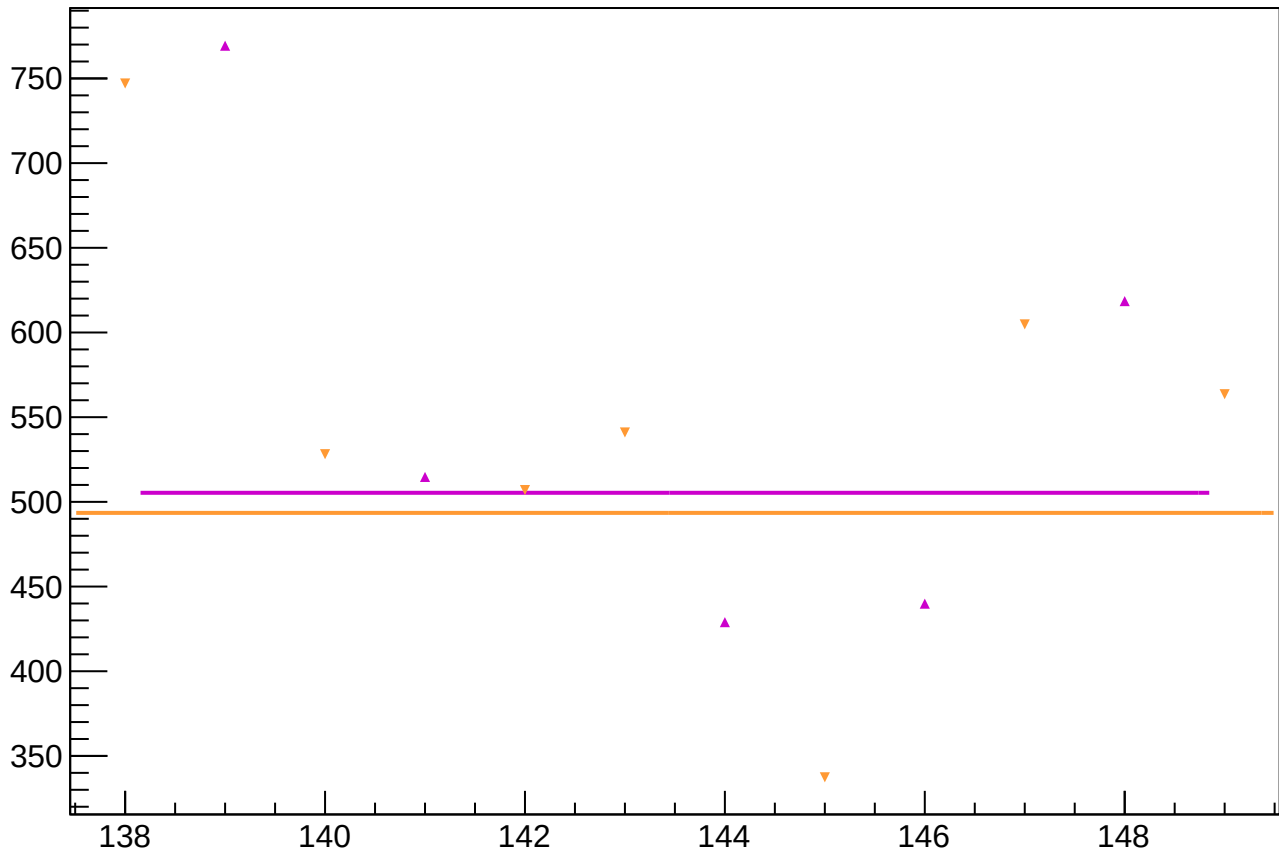
Left In: -319.092+/-254.902 χ^2/NDF :2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -542.315+/-170.633 χ^2/NDF : 21.9/11

- 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: 493.499+/-0.162 χ^2/NDF : 565696.3/6

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

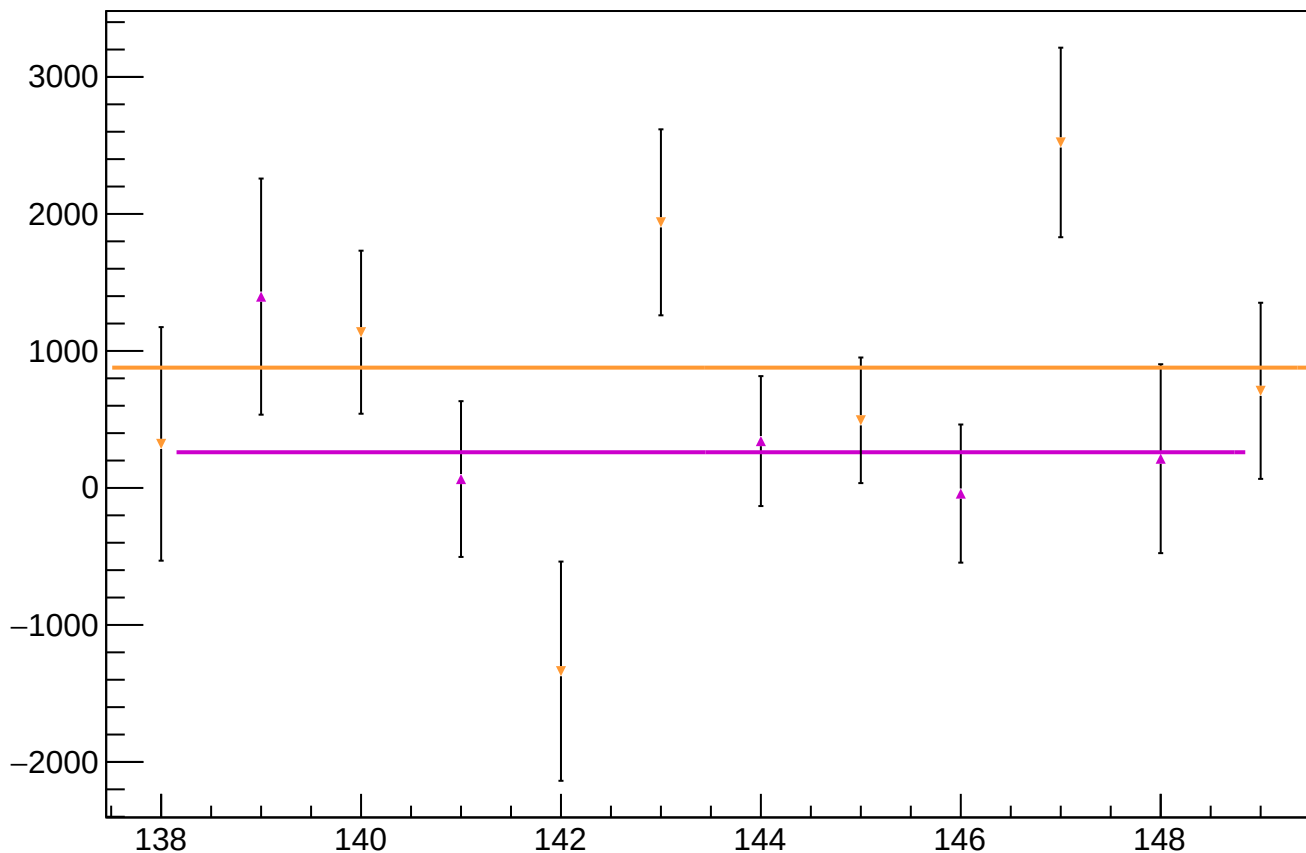
Left In: 505.358+/-0.180 χ^2/NDF : 331290.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.813+/-0.121 χ^2/NDF : 899375.8/11

- 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: 878.158+/-241.113 χ^2/NDF :17.1/6

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

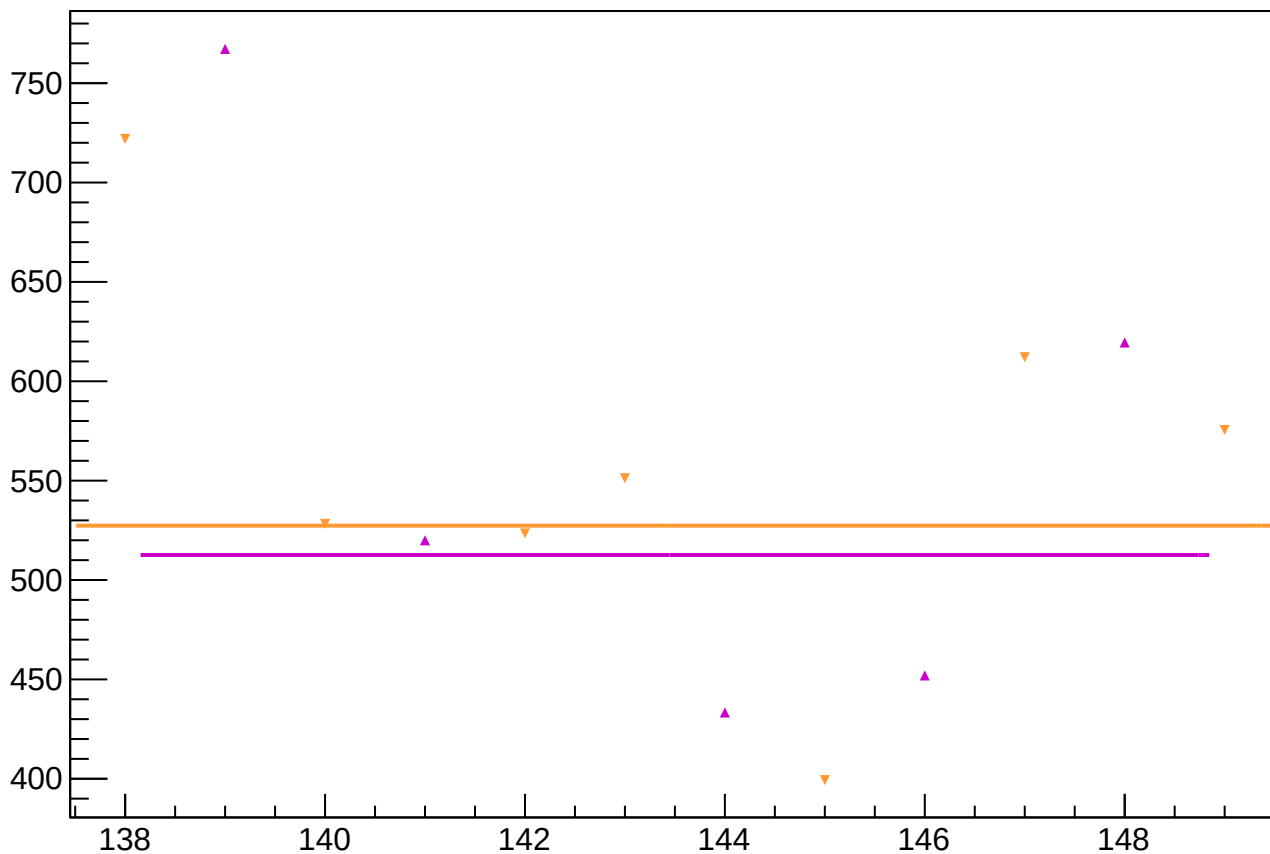
Left In: 260.579+/-258.833 χ^2/NDF :2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 591.231+/-176.425 χ^2/NDF : 22.4/11

- 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: 527.357+/-0.170 χ^2/NDF : 304003.8/6

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

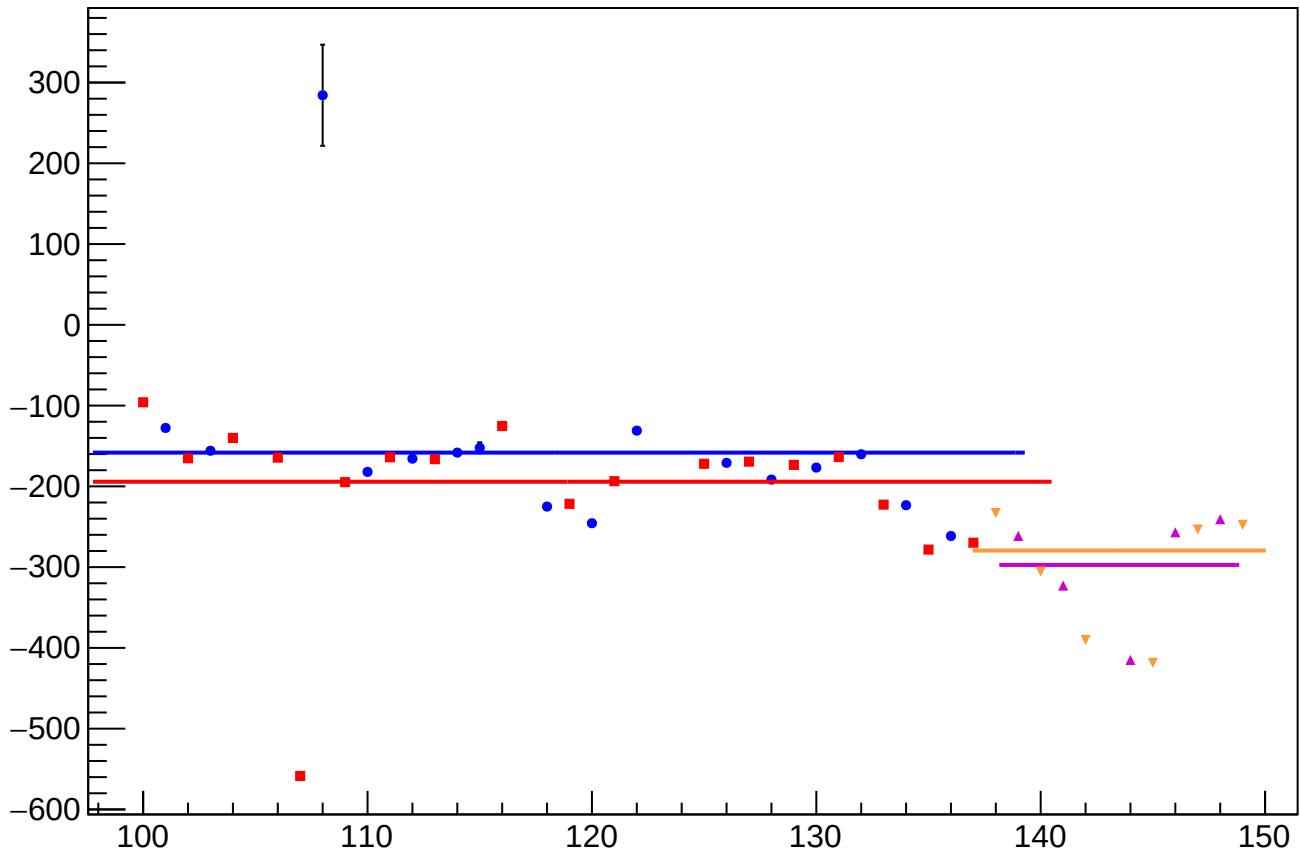
Left In: 512.590+/-0.183 χ^2/NDF : 307861.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.496+/-0.125 χ^2/NDF : 615350.5/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -279.440+/-0.339 χ^2/NDF : 20473.2/5

Right Out: -194.268+/-0.165 χ^2/NDF : 176560.4/17

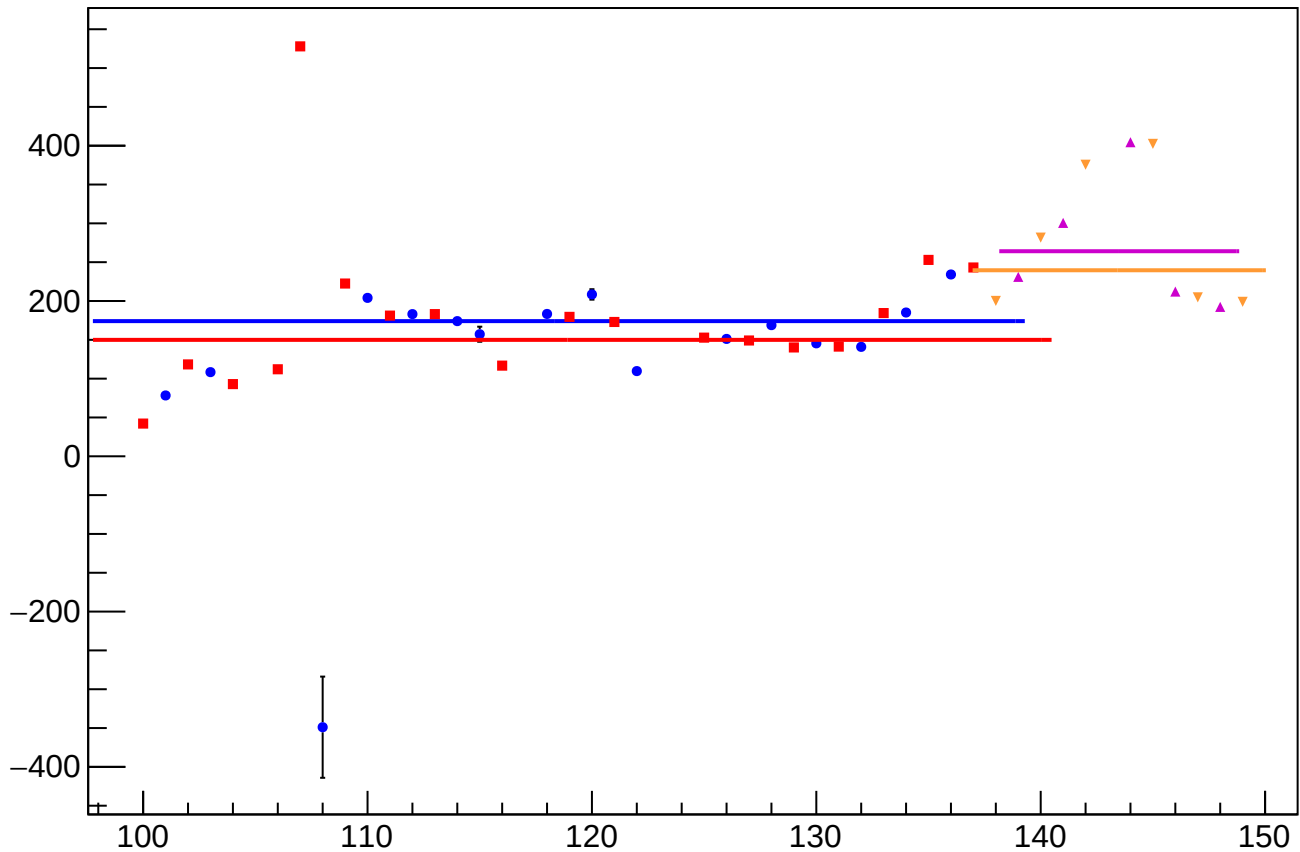
Left In: -297.324+/-0.304 χ^2/NDF : 26772.0/4

+ sign -158.222+/-0.000 χ^2/NDF : 265872.1/21

All: -158.222+/-0.000 χ^2/NDF : 725568.3/44

- sign -217.694+/-0.145 χ^2/NDF : 291853.7/22

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 239.588 $\pm$ 0.353 χ^2 /NDF:25951.4/5

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

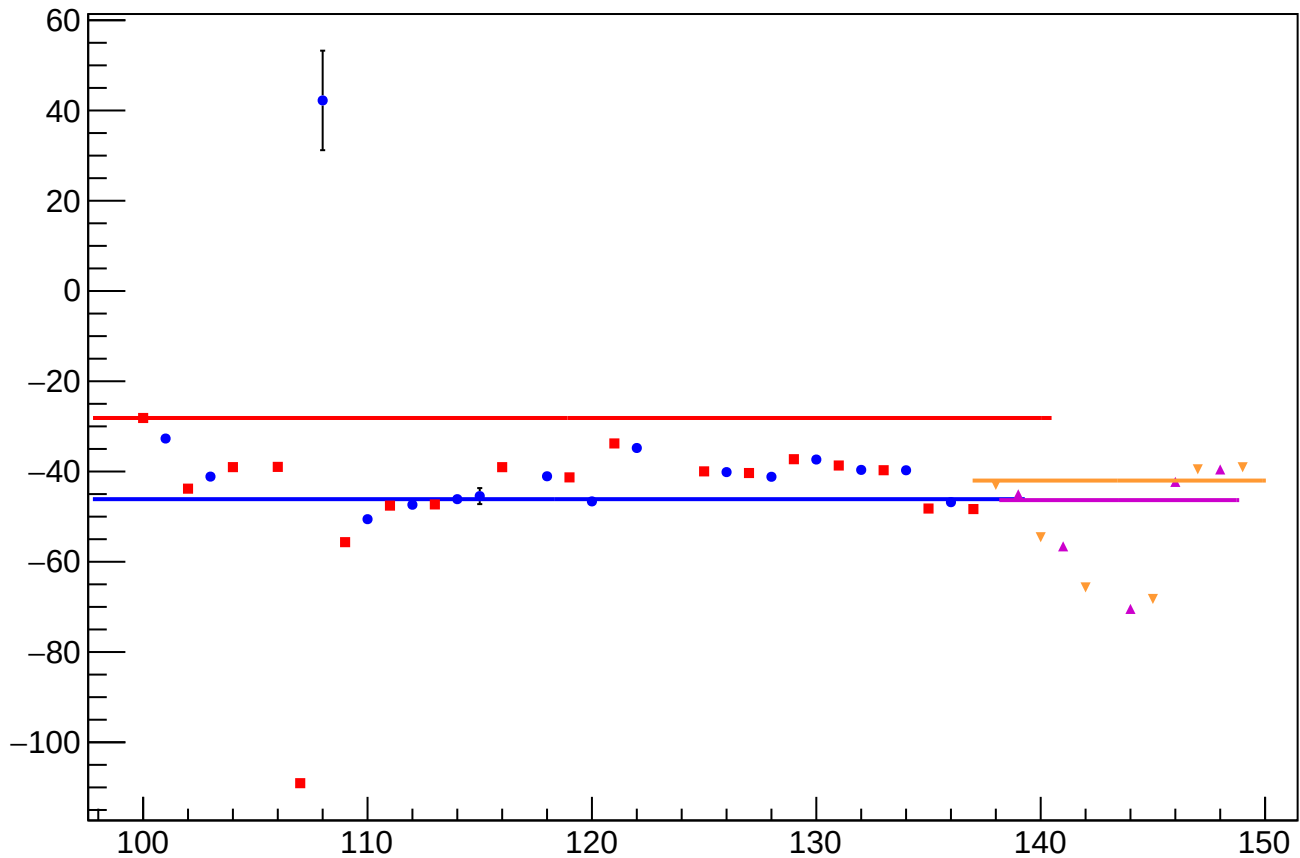
Left In: 264.107 $\pm$ 0.321 χ^2 /NDF:35340.8/4

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 113762.6/21

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 410955.4/44

- sign 180.879 $\pm$ 0.167 χ^2 /NDF: 295536.7/22

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 $\chi^2/\text{NDF}: 201273.7/15$

Left Out: -42.006 ± 0.014 $\chi^2/\text{NDF}: 72687.1/5$

Right Out: -28.139 ± 0.000 $\chi^2/\text{NDF}: 746939.9/17$

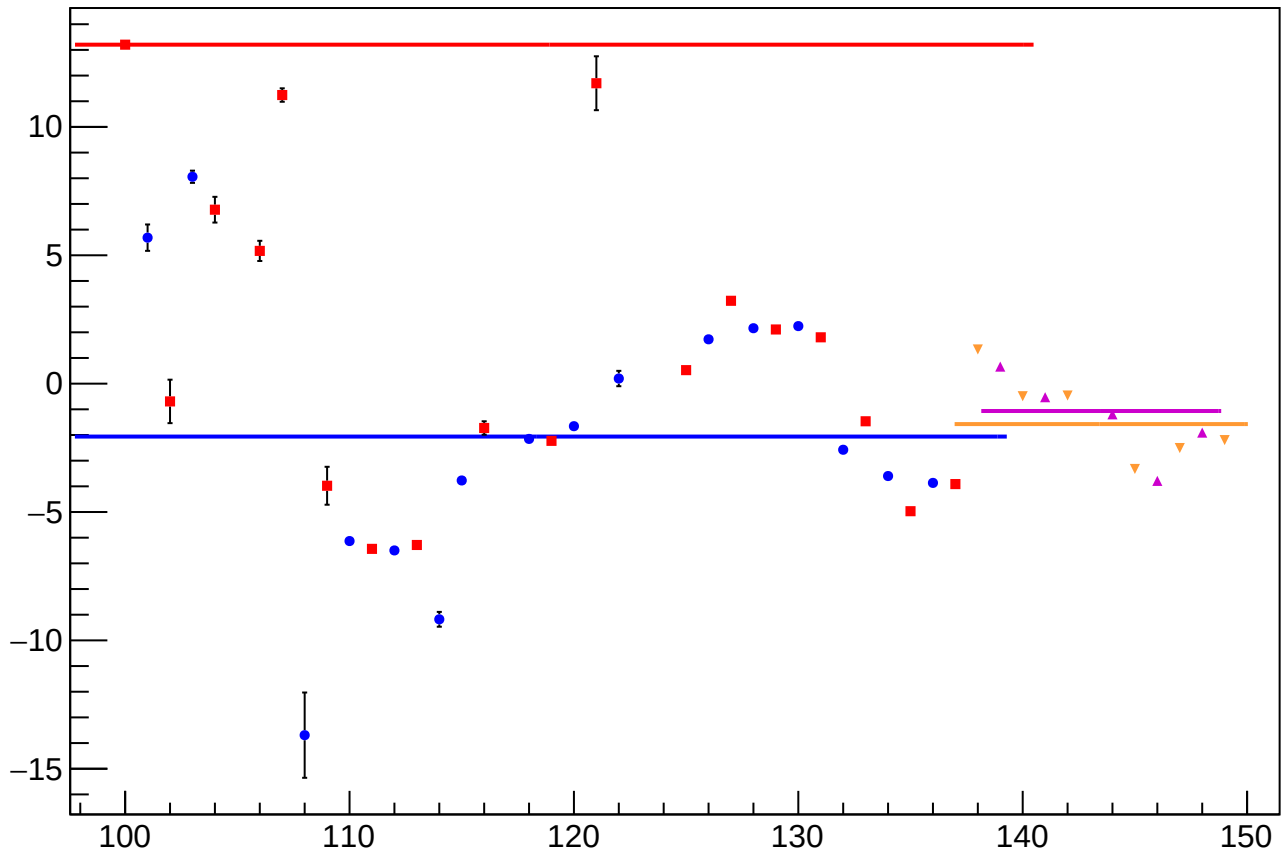
Left In: -46.337 ± 0.027 $\chi^2/\text{NDF}: 102092.2/4$

+ sign -46.126 ± 0.000 $\chi^2/\text{NDF}: 360033.3/21$

All: -39.778 ± 0.000 $\chi^2/\text{NDF}: 248795993231$

- sign -28.139 ± 0.000 $\chi^2/\text{NDF}: 1290338.4/22$

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 $\chi^2/\text{NDF}: 25665.1/15$

Left Out: -1.575 ± 0.015 $\chi^2/\text{NDF}: 6909.4/5$

Right Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 509721.0/17$

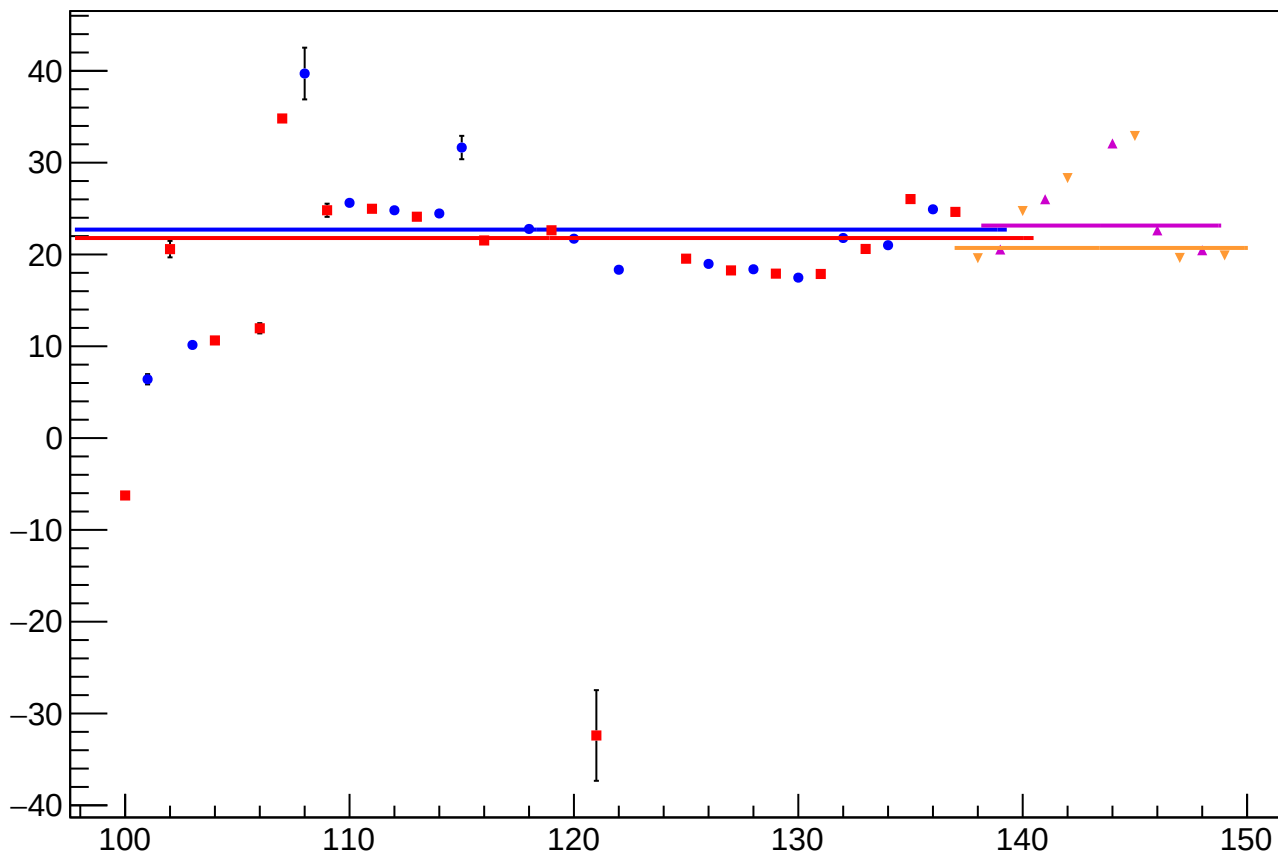
Left In: -1.065 ± 0.018 $\chi^2/\text{NDF}: 5140.8/4$

+ sign -1.781 ± 0.012 $\chi^2/\text{NDF}: 33002.2/21$

All: 13.204 ± 0.000 $\chi^2/\text{NDF}: 2846017.3/44$

- sign 13.204 ± 0.000 $\chi^2/\text{NDF}: 1149076.1/22$

dit_usl_4eY_slope vs Slug



Right In: 22.711 ± 0.019 χ^2/NDF : 22767.9/15

Left Out: 20.712 ± 0.022 χ^2/NDF : 12173.5/5

Right Out: 21.790 ± 0.022 χ^2/NDF : 26670.9/17

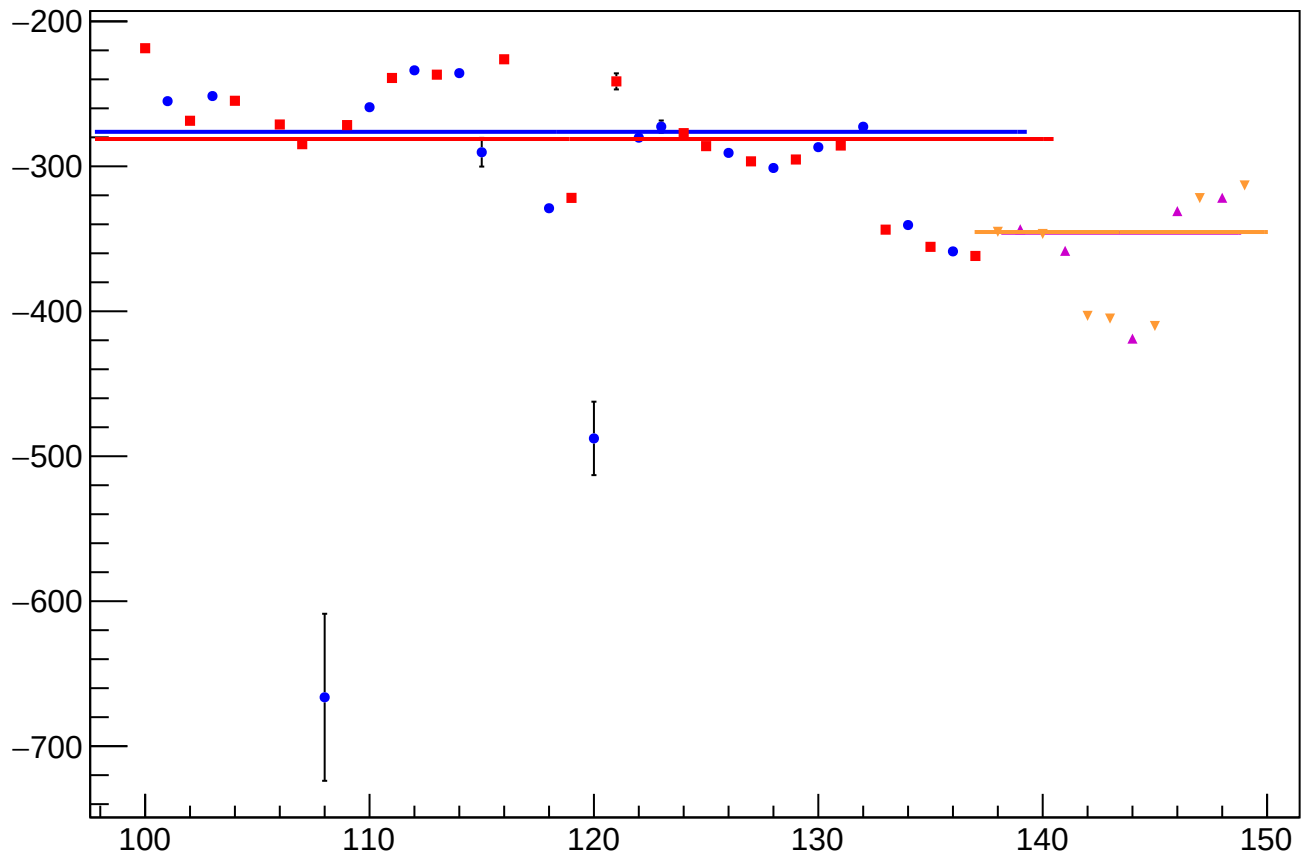
Left In: 23.149 ± 0.028 χ^2/NDF : 13836.2/4

+ sign 21.891 ± 0.014 χ^2/NDF : 39601.9/21

All: 22.057 ± 0.011 χ^2/NDF : 81903.4/44

- sign 22.292 ± 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: -345.315 $\pm$ 0.226 χ^2 /NDF:19707.7/6

Right Out: -281.150 $\pm$ 0.148 χ^2 /NDF: 77611.5/18

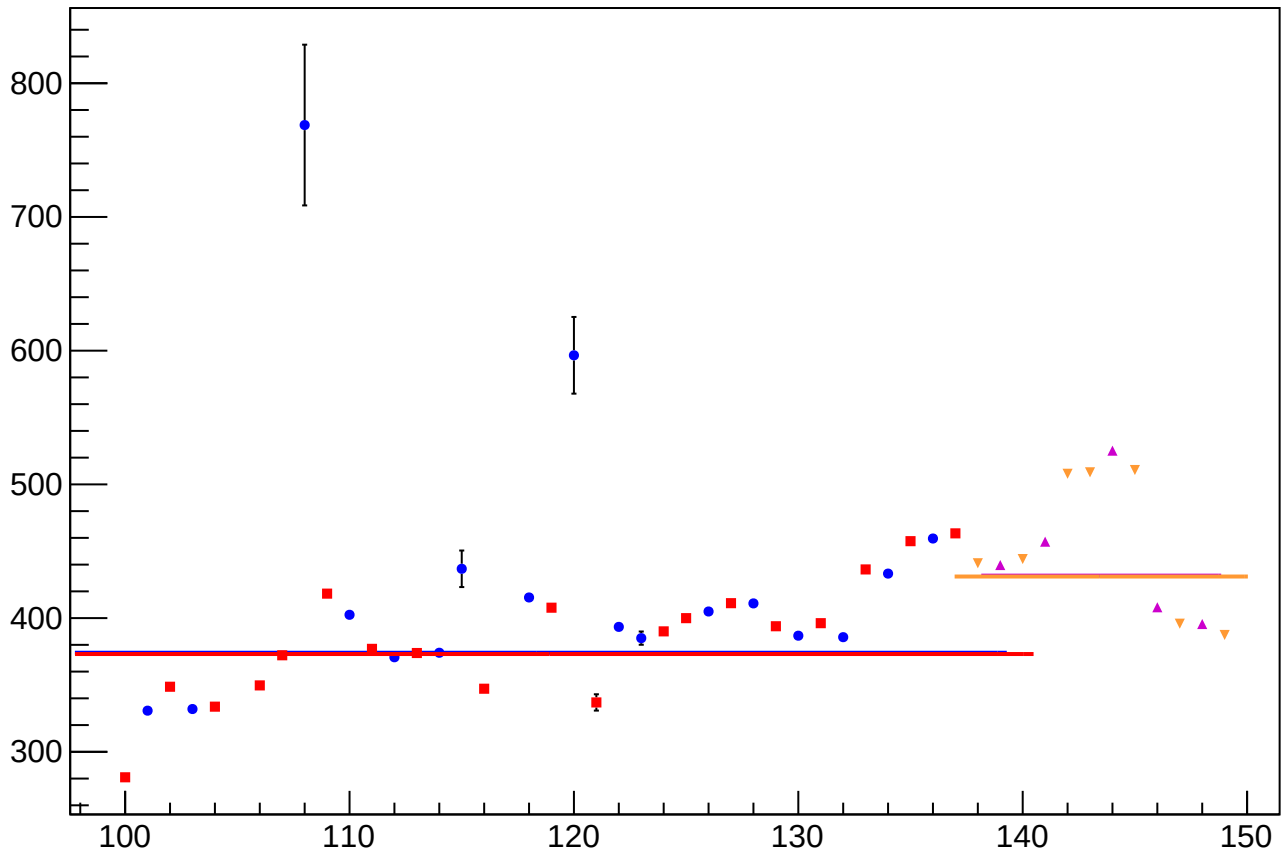
Left In: -345.791 $\pm$ 0.185 χ^2 /NDF:21062.8/4

+ sign -300.565 $\pm$ 0.134 χ^2 /NDF: 138507.5/23

All: -303.868 $\pm$ 0.087 χ^2 /NDF: 312949.1/47

- sign -306.313 $\pm$ 0.115 χ^2 /NDF: 173384.5/23

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 431.098+/-0.233 χ^2/NDF : 34671.2/6

Right Out: 373.134+/-0.158 χ^2/NDF : 108219.4/18

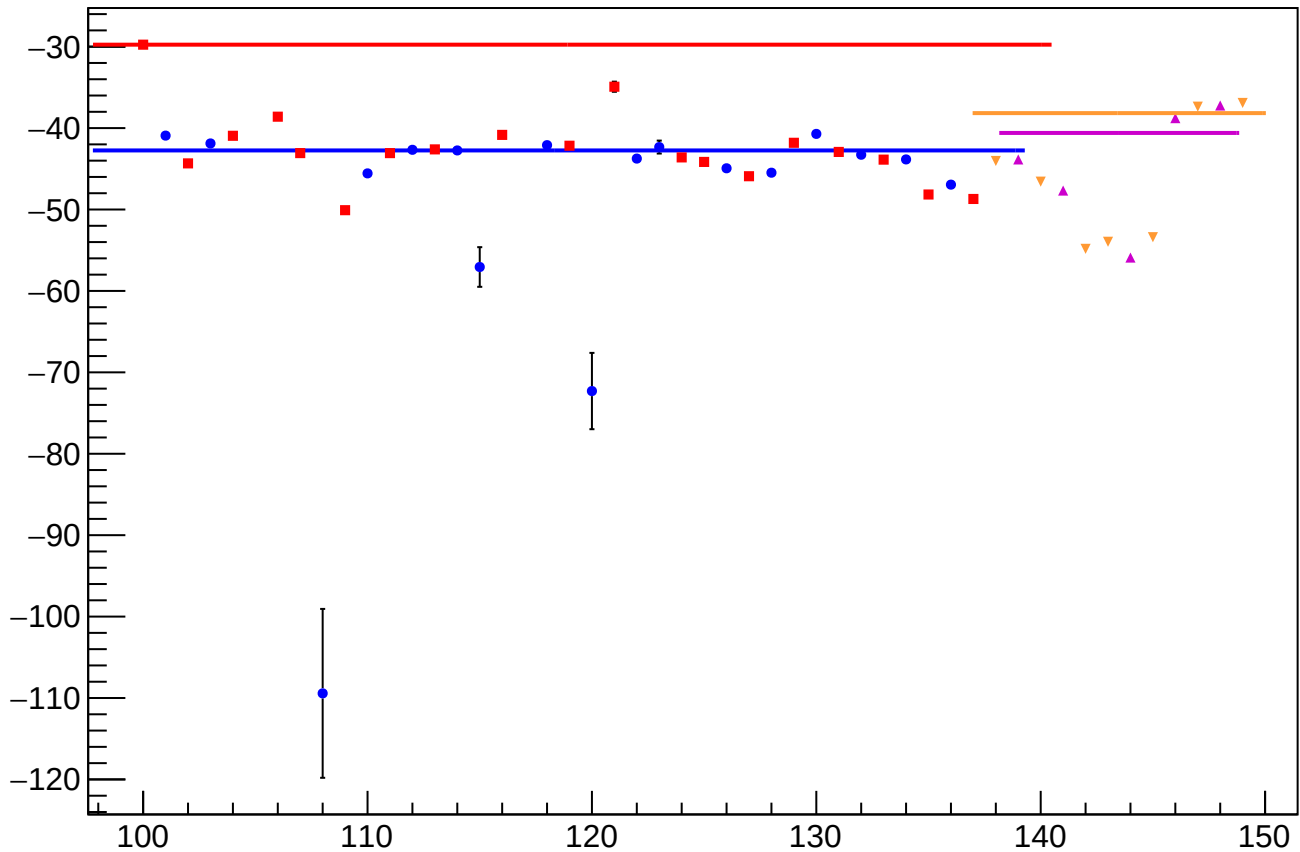
Left In: 431.757+/-0.191 χ^2/NDF : 35033.3/4

+ sign 374.094+/-0.000 χ^2/NDF : 129733.7/23

All: 374.094+/-0.000 χ^2/NDF : 363757.3/47

- sign 396.878+/-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: -38.160 $\pm$ 0.007 χ^2 /NDF: 238278.4/6

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

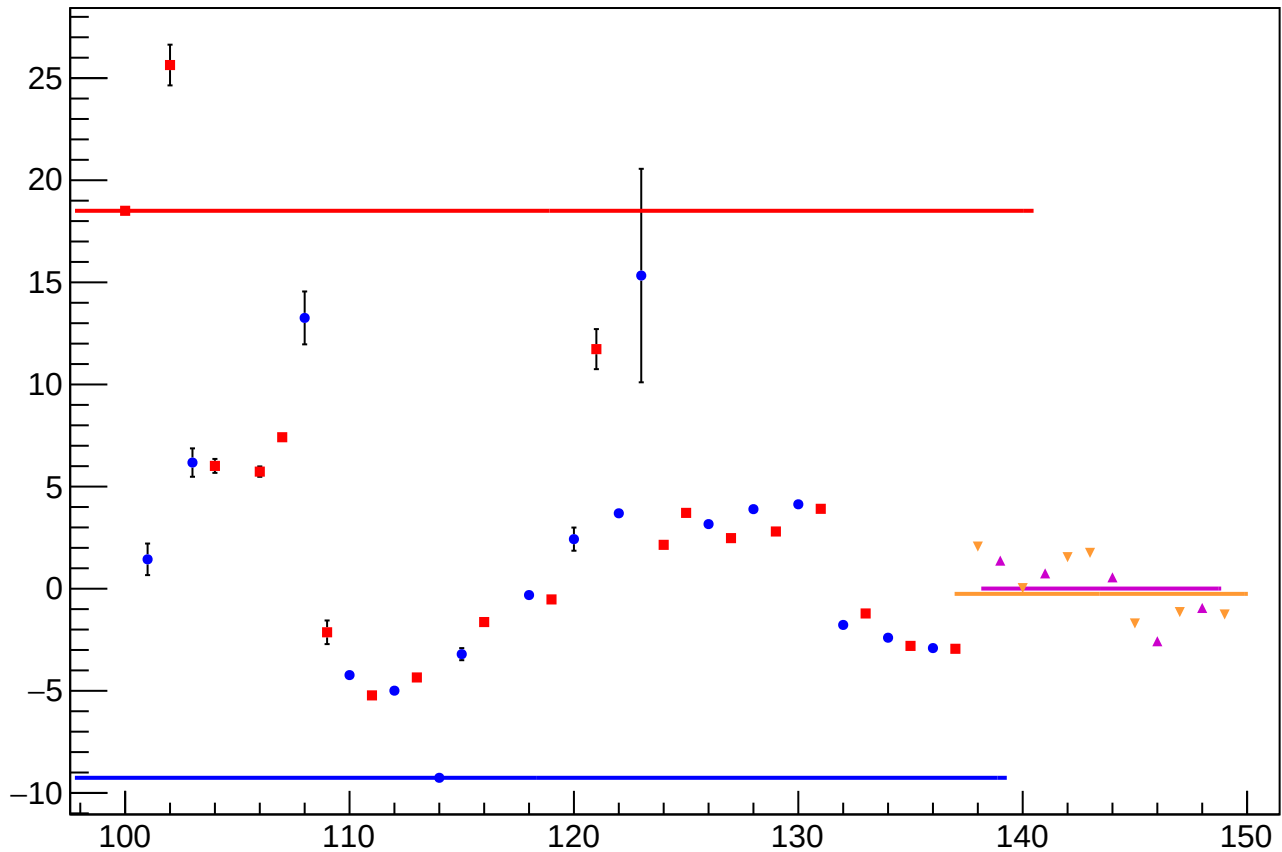
Left In: -40.595 $\pm$ 0.014 χ^2 /NDF: 98380.9/4

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 676401.2/23

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 χ^2 /NDF: 405850.5/16

Left Out: -0.252+/-0.012 χ^2 /NDF:10699.0/6

Right Out: 18.504+/-0.000 χ^2 /NDF: 7366781.0/18

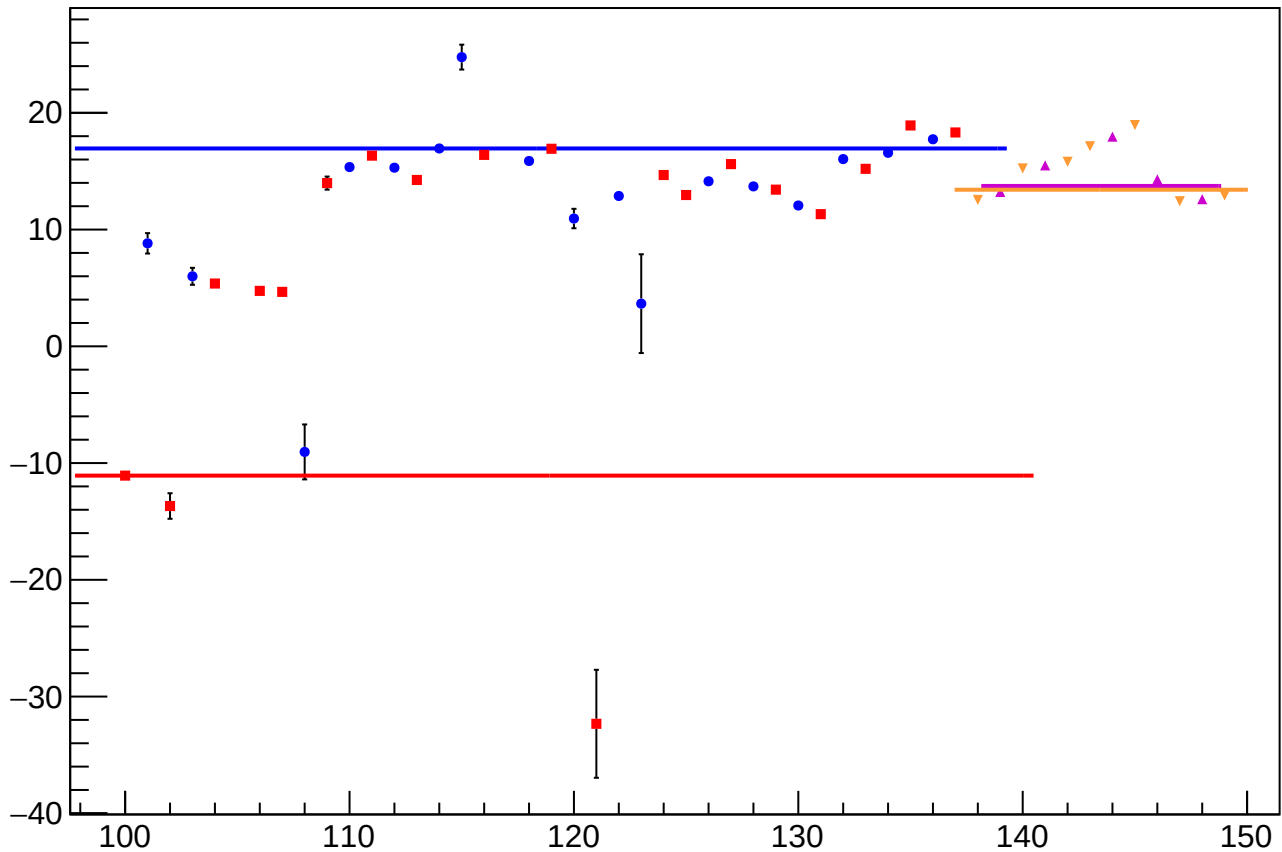
Left In: 0.007+/-0.015 χ^2 /NDF:6158.8/4

+ sign -9.259+/-0.000 χ^2 /NDF: 956690.7/23

All: 6.039+/-0.000 χ^2 /NDF: 1645057450595

- sign 18.504+/-0.000 χ^2 /NDF: 8901370.3/23

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2 /NDF: 11231.8/16

Left Out: 13.413+/-0.014 χ^2 /NDF:12098.8/6

Right Out: -11.075+/-0.000 χ^2 /NDF: 2712010.0/18

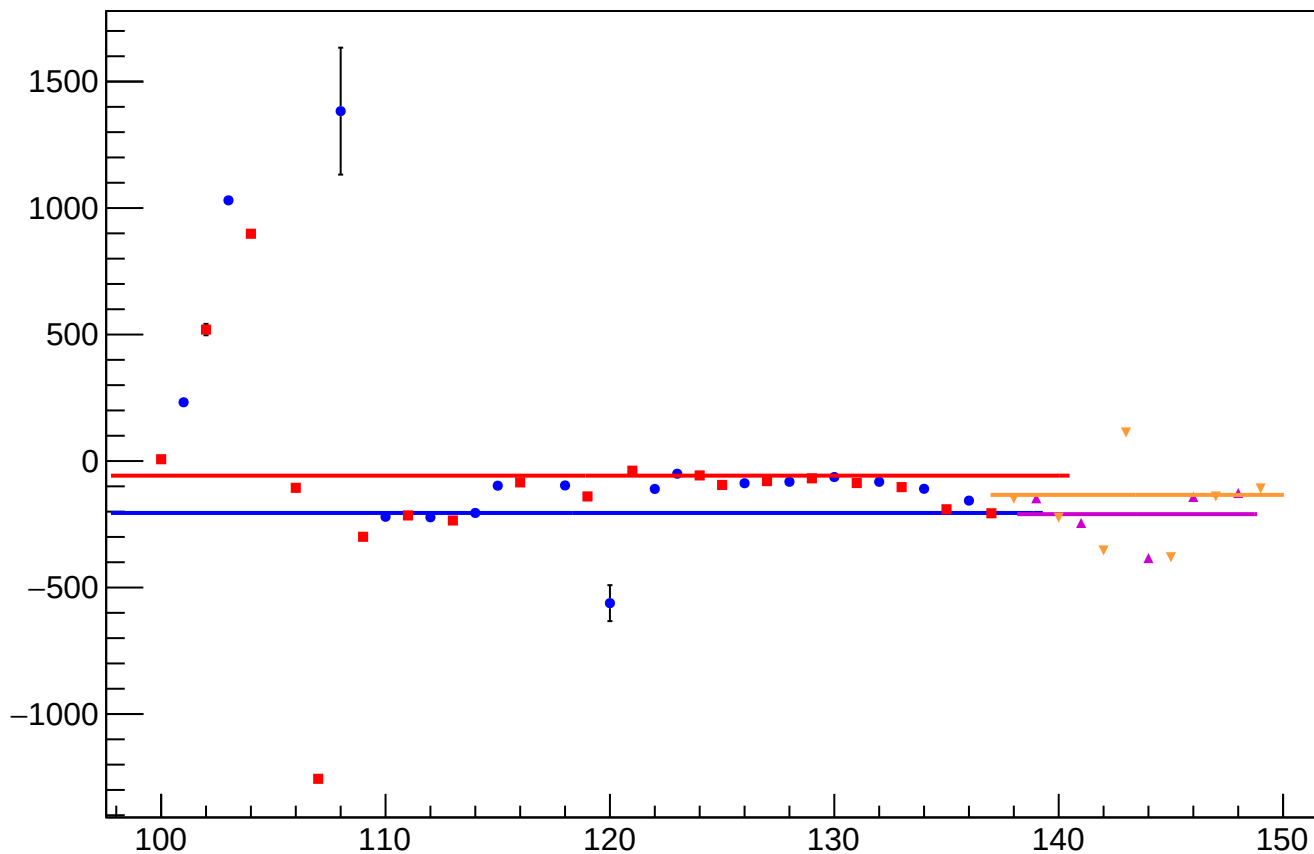
Left In: 13.736+/-0.019 χ^2 /NDF:6262.6/4

+ sign 16.947+/-0.000 χ^2 /NDF: 91805.0/23

All: -2.268+/-0.000 χ^2 /NDF: 4692527454635

- sign -11.075+/-0.000 χ^2 /NDF: 4460622.8/23

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 582775.6/16$

Left Out: -133.811 ± 0.424 $\chi^2/\text{NDF}: 41875.9/6$

Right Out: -57.684 ± 0.283 $\chi^2/\text{NDF}: 114854.9/18$

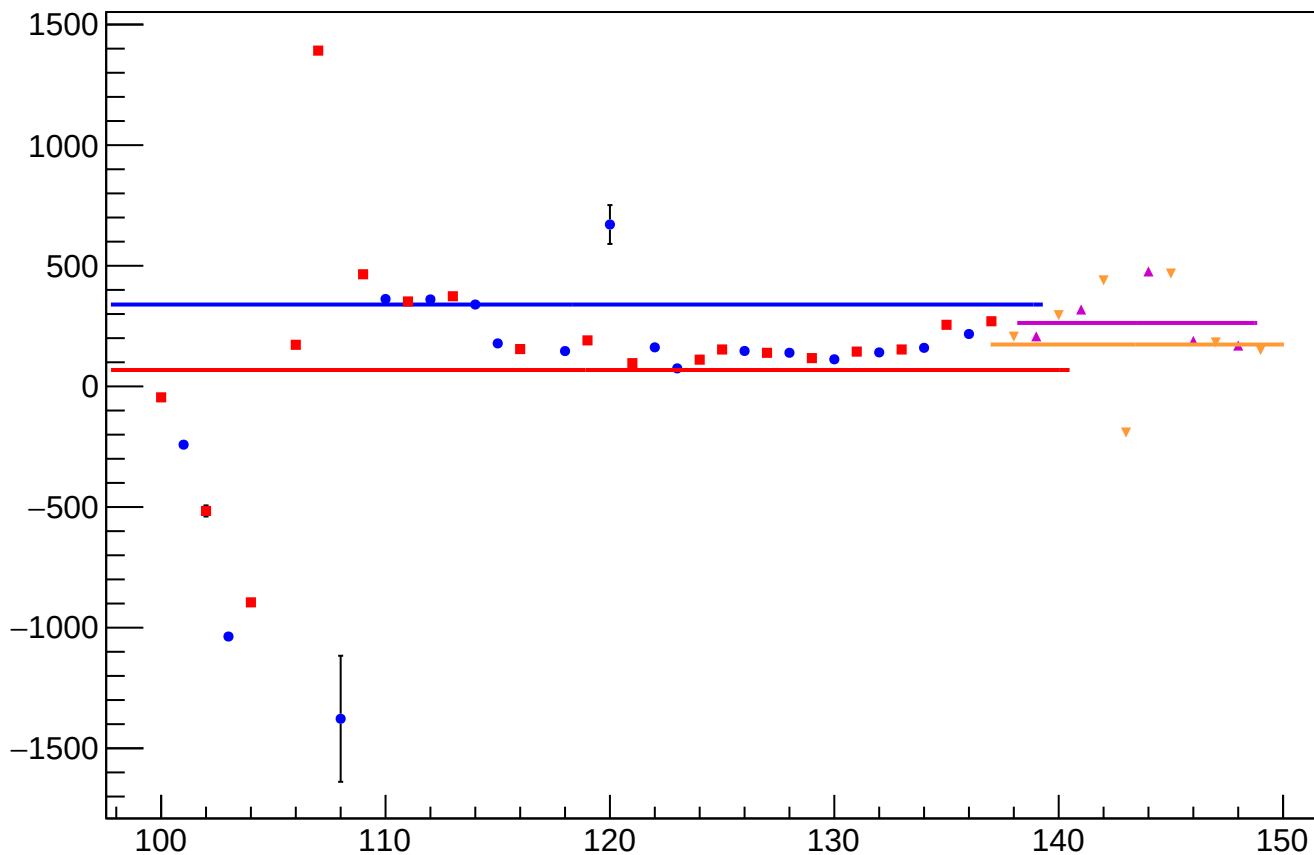
Left In: -209.895 ± 0.584 $\chi^2/\text{NDF}: 25804.7/4$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 652999.4/23$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1064616.5/47$

- sign -86.687 ± 0.255 $\chi^2/\text{NDF}: 195644.3/23$

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 173.618+/-0.433 χ^2/NDF : 77423.1/6

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

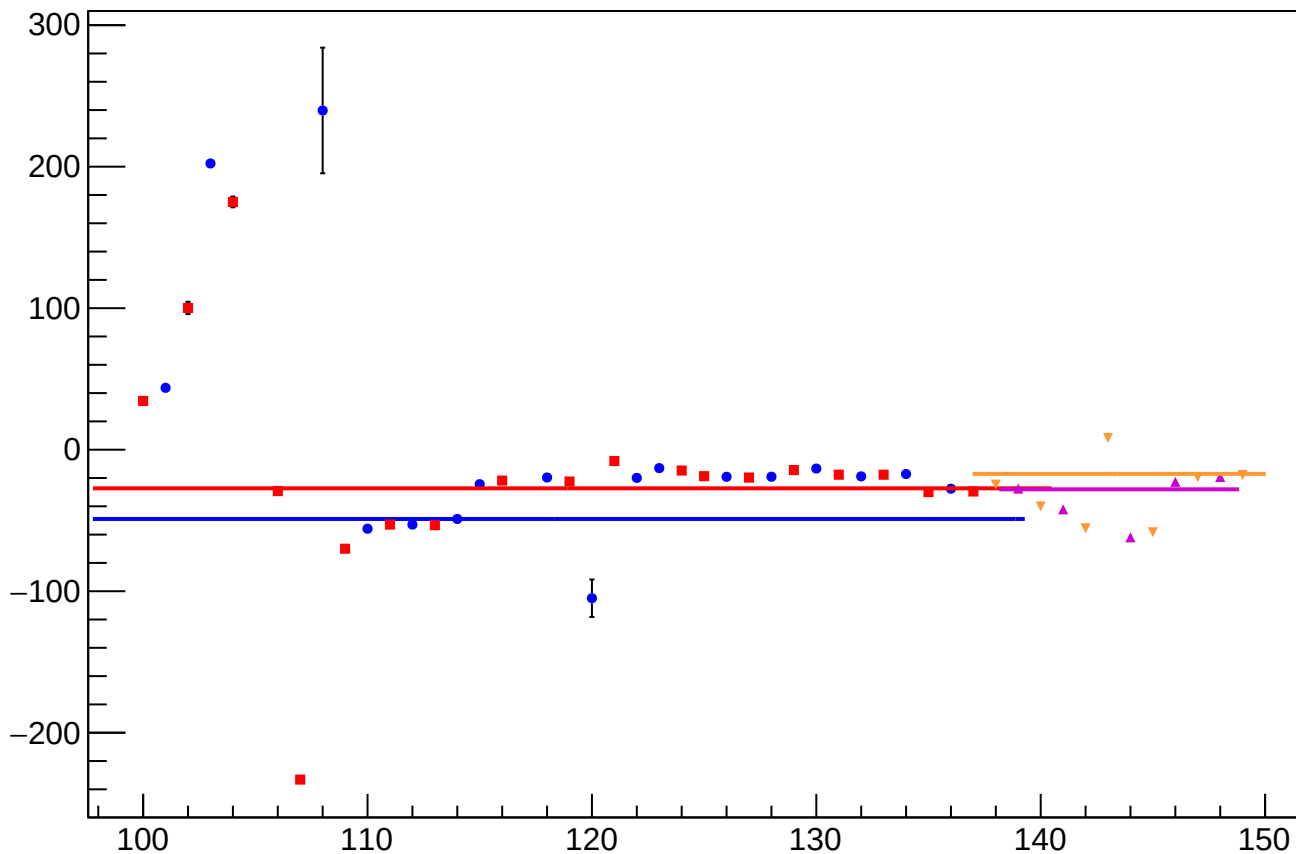
Left In: 262.973+/-0.611 χ^2/NDF : 30207.9/4

+ sign 339.325+/-0.000 χ^2/NDF : 1254532.4/23

All: 339.325+/-0.000 χ^2/NDF : 2472039.9/47

- sign 103.083+/-0.259 χ^2/NDF : 386052.2/23

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -17.083 ± 0.019 $\chi^2/\text{NDF}: 528223.9/6$

Right Out: -27.303 ± 0.052 $\chi^2/\text{NDF}: 167879.9/18$

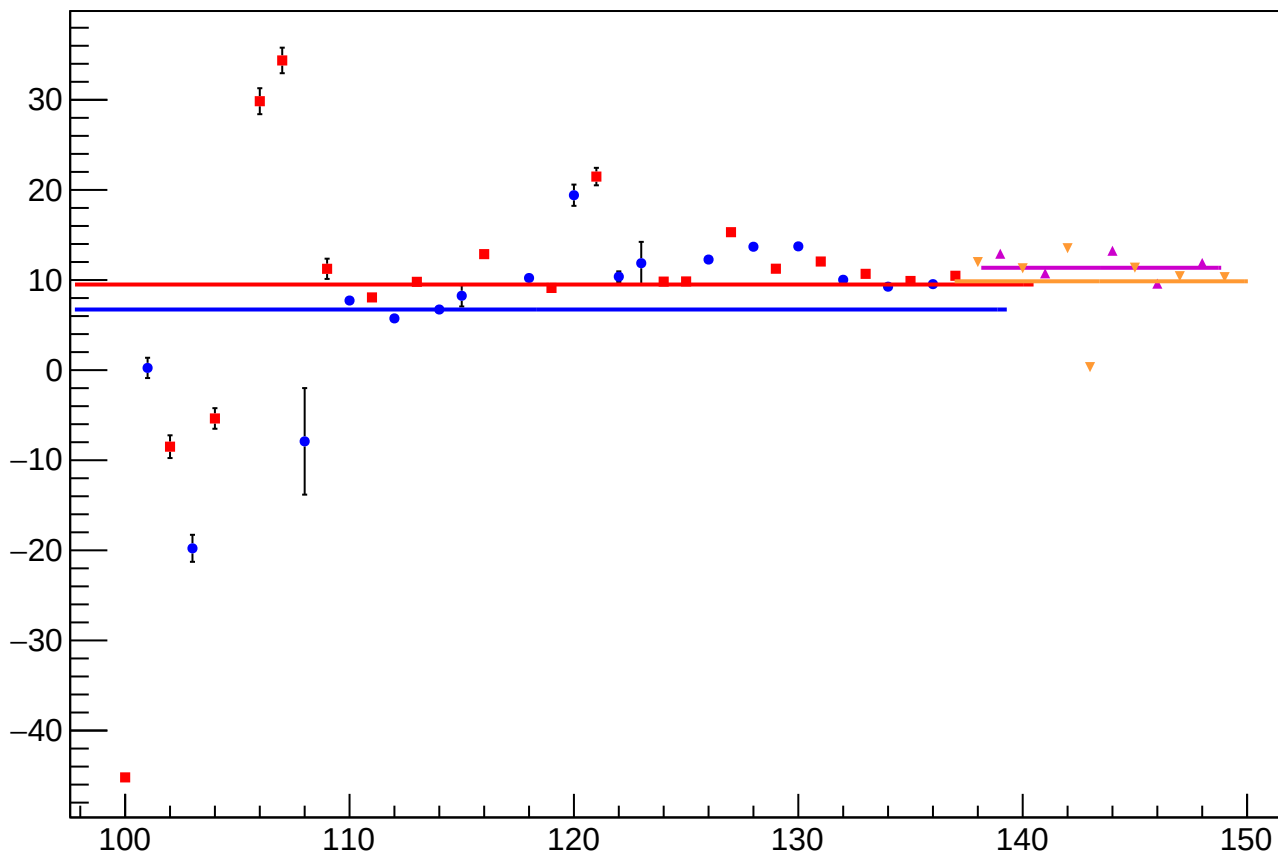
Left In: -28.000 ± 0.040 $\chi^2/\text{NDF}: 85372.6/4$

+ sign -48.945 ± 0.000 $\chi^2/\text{NDF}: 8812120.0/23$

All: -48.945 ± 0.000 $\chi^2/\text{NDF}: 9514419.1/47$

- sign -27.739 ± 0.032 $\chi^2/\text{NDF}: 253366.2/23$

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 9.860 $\pm$ 0.027 χ^2 /NDF: 20601.7/6

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

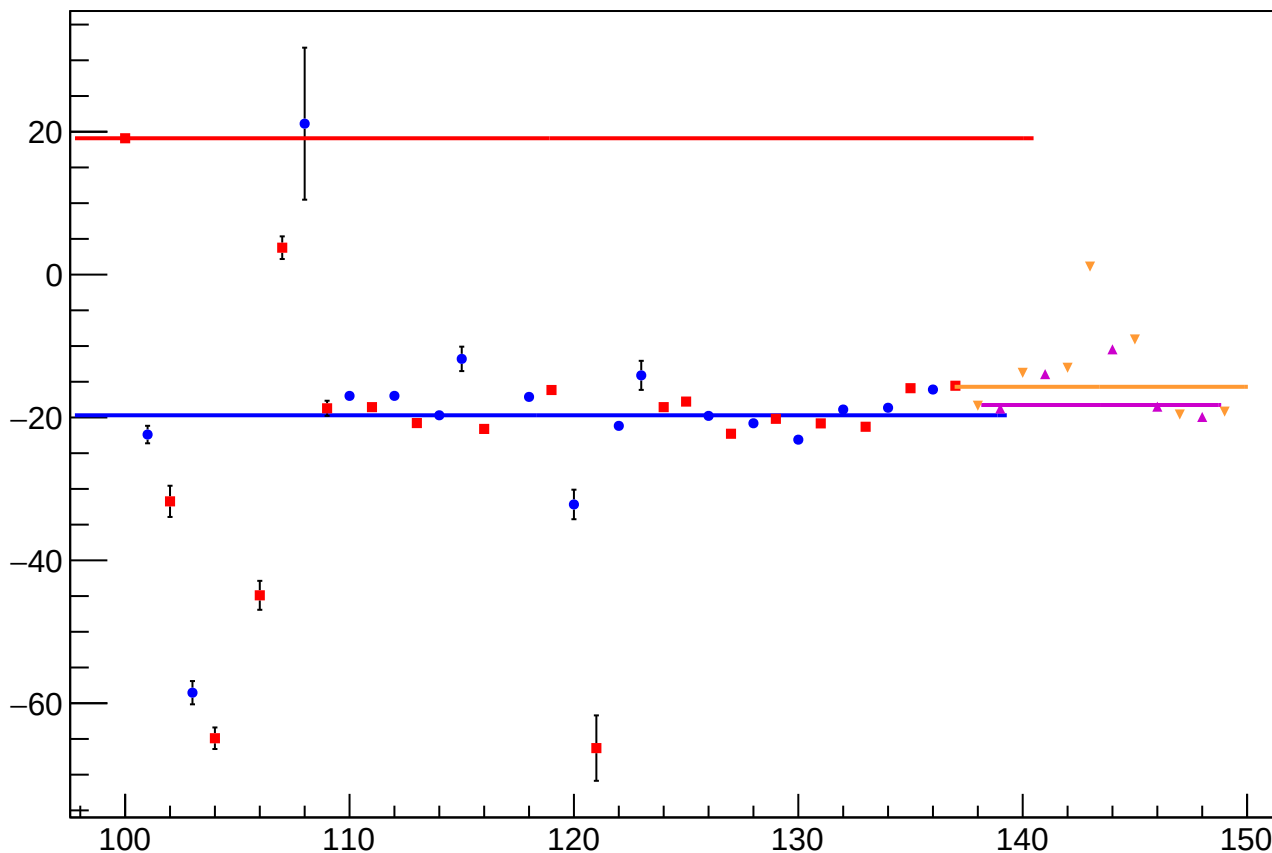
Left In: 11.360 $\pm$ 0.029 χ^2 /NDF: 2157.8/4

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 47704.1/23

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 108720.7/47

- 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: -15.706 ± 0.033 χ^2/NDF : 31976.1/6

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

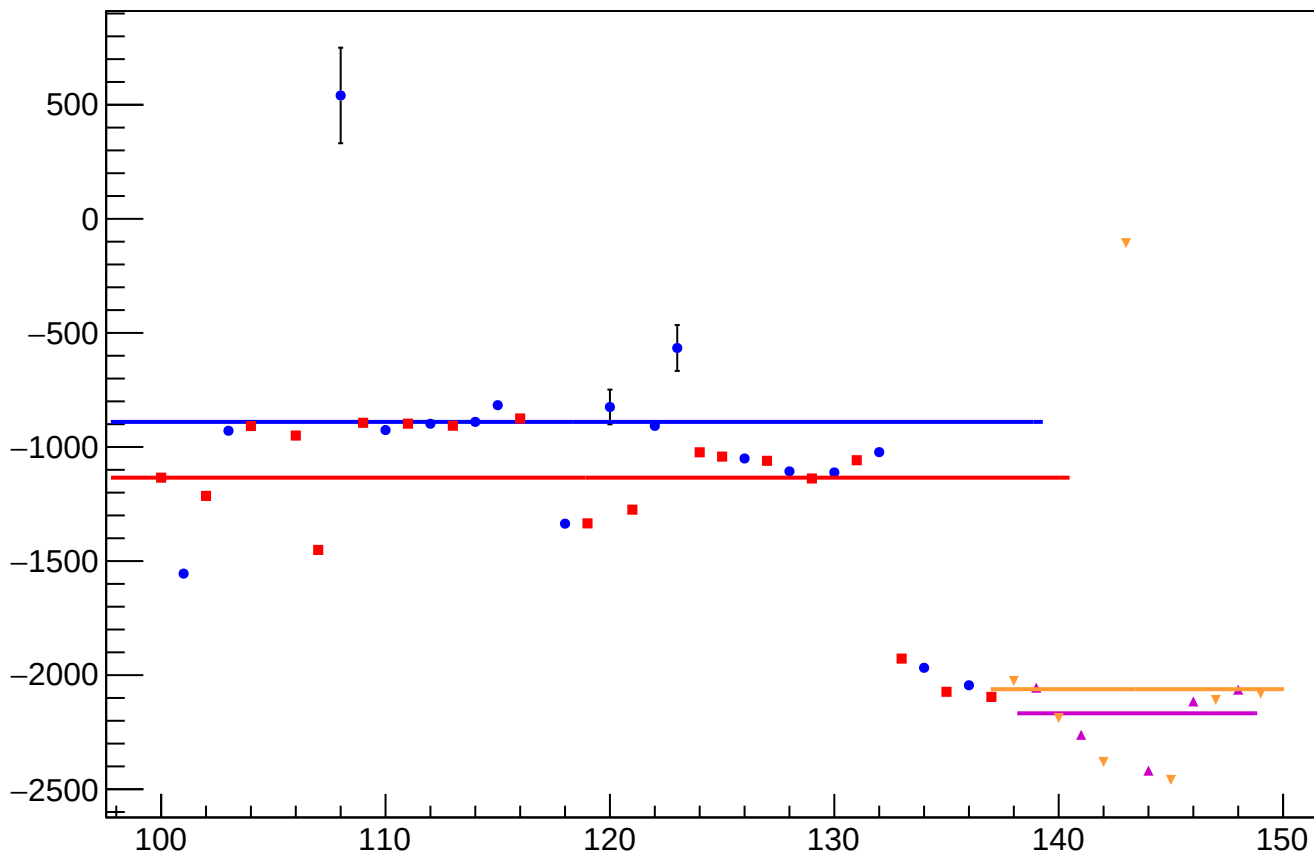
Left In: -18.252 ± 0.035 χ^2/NDF : 4729.0/4

+ sign -19.693 ± 0.000 χ^2/NDF : 53895.4/23

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: -2061.561+/-0.815 χ^2/NDF : 255376.5/6

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

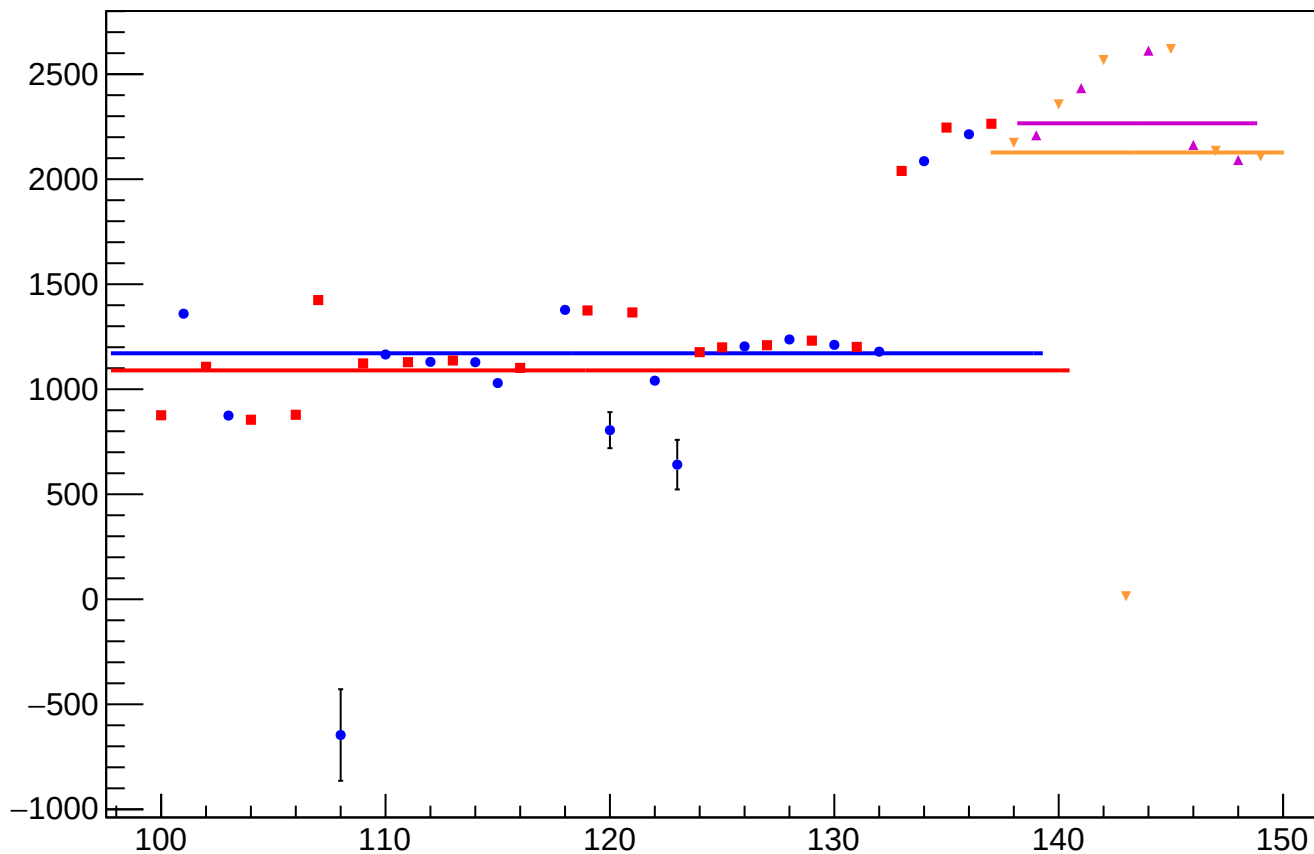
Left In: -2167.253+/-0.857 χ^2/NDF : 26465.6/4

+ sign -889.928+/-0.000 χ^2/NDF : 3096630.2/23

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: 2127.097 ± 0.844 $\chi^2/\text{NDF}: 295739.7/6$

Right Out: 1089.705 ± 0.253 $\chi^2/\text{NDF}: 1100321.6/18$

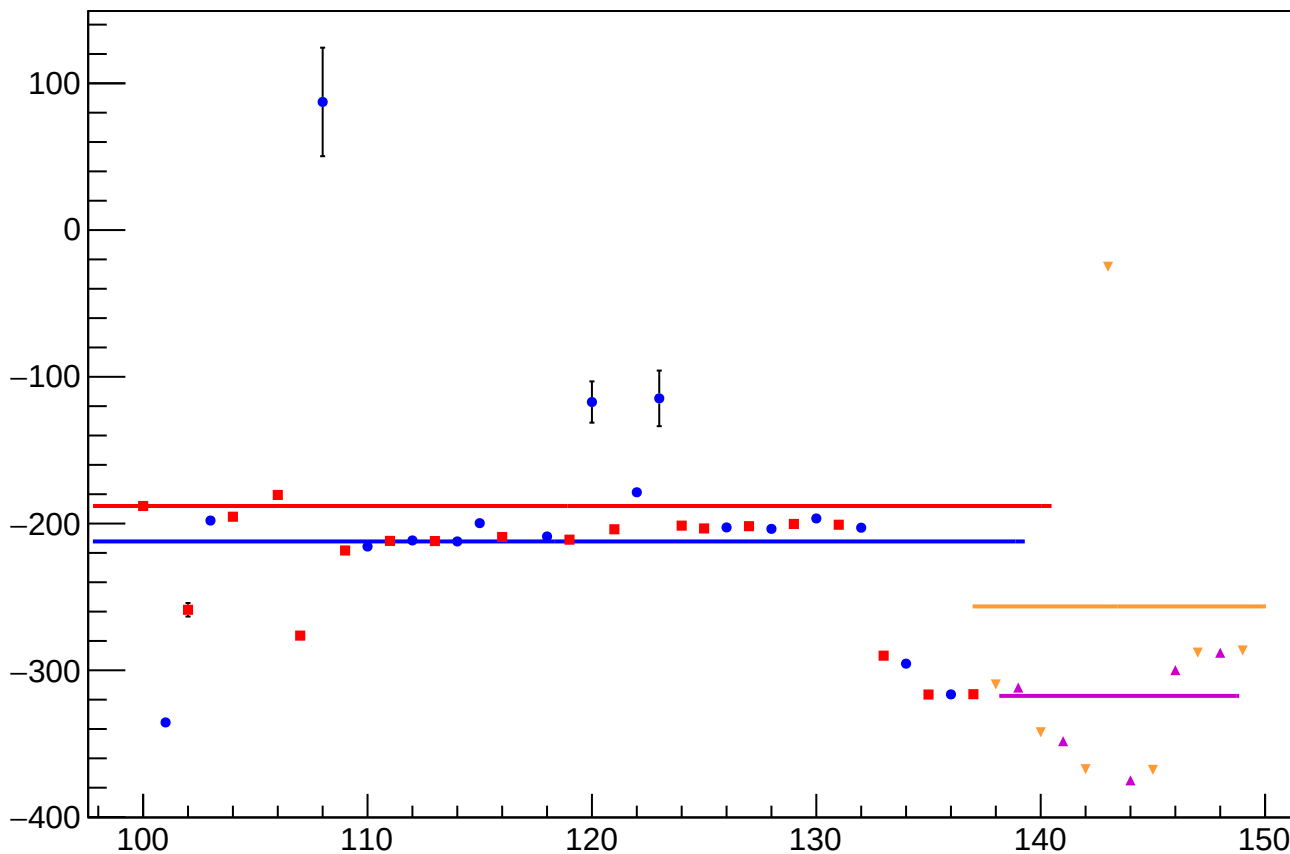
Left In: 2266.072 ± 0.909 $\chi^2/\text{NDF}: 41636.0/4$

+ sign 1245.698 ± 0.236 $\chi^2/\text{NDF}: 1987713.8/23$

All: 1211.359 ± 0.170 $\chi^2/\text{NDF}: 4726435.6/47$

- sign 1174.489 ± 0.244 $\chi^2/\text{NDF}: 2694674.2/23$

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -256.470 ± 0.044 $\chi^2/\text{NDF}: 5284071.9/6$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

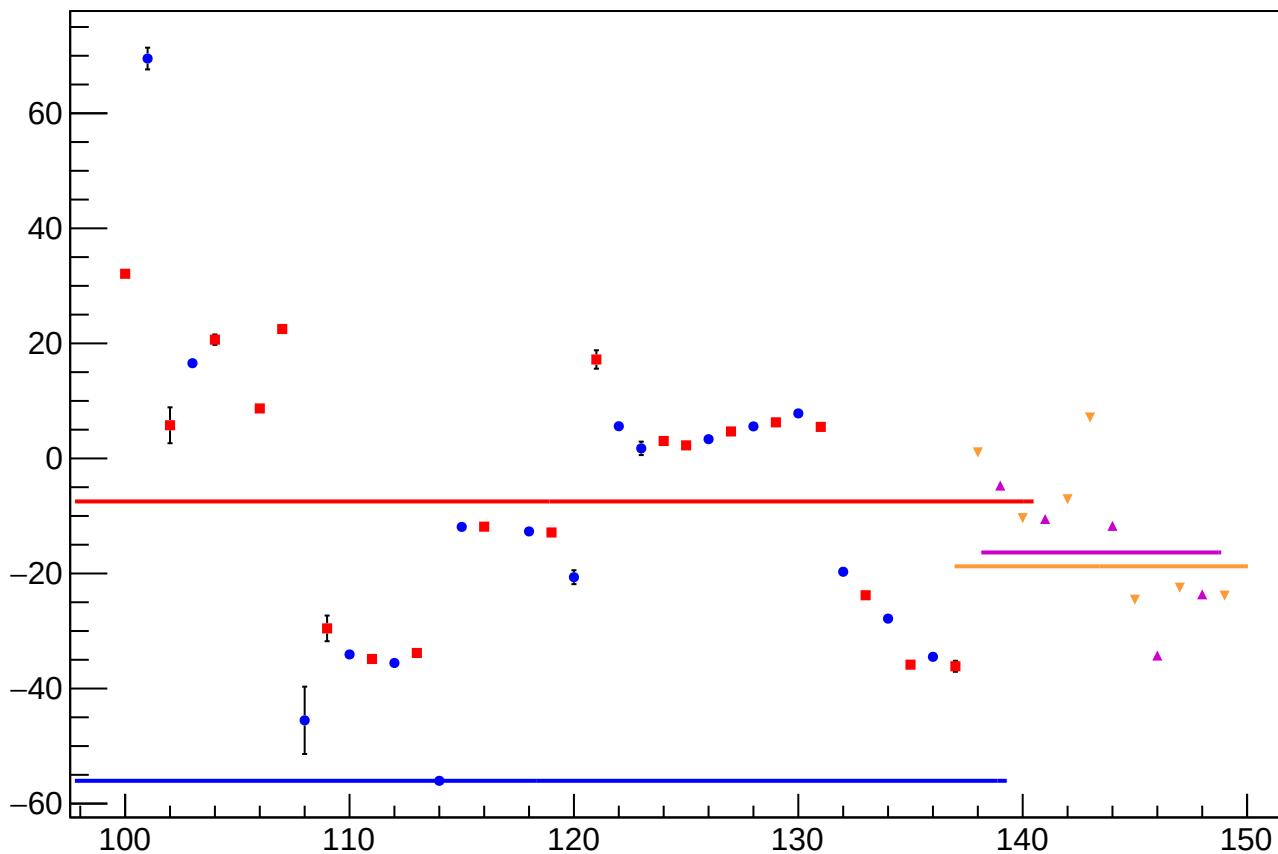
Left In: -317.447 ± 0.072 $\chi^2/\text{NDF}: 168854.3/4$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 7434835.0/23$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 3993266.3/23$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: -18.756 $\pm$ 0.045 χ^2 /NDF: 41557.1/6

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

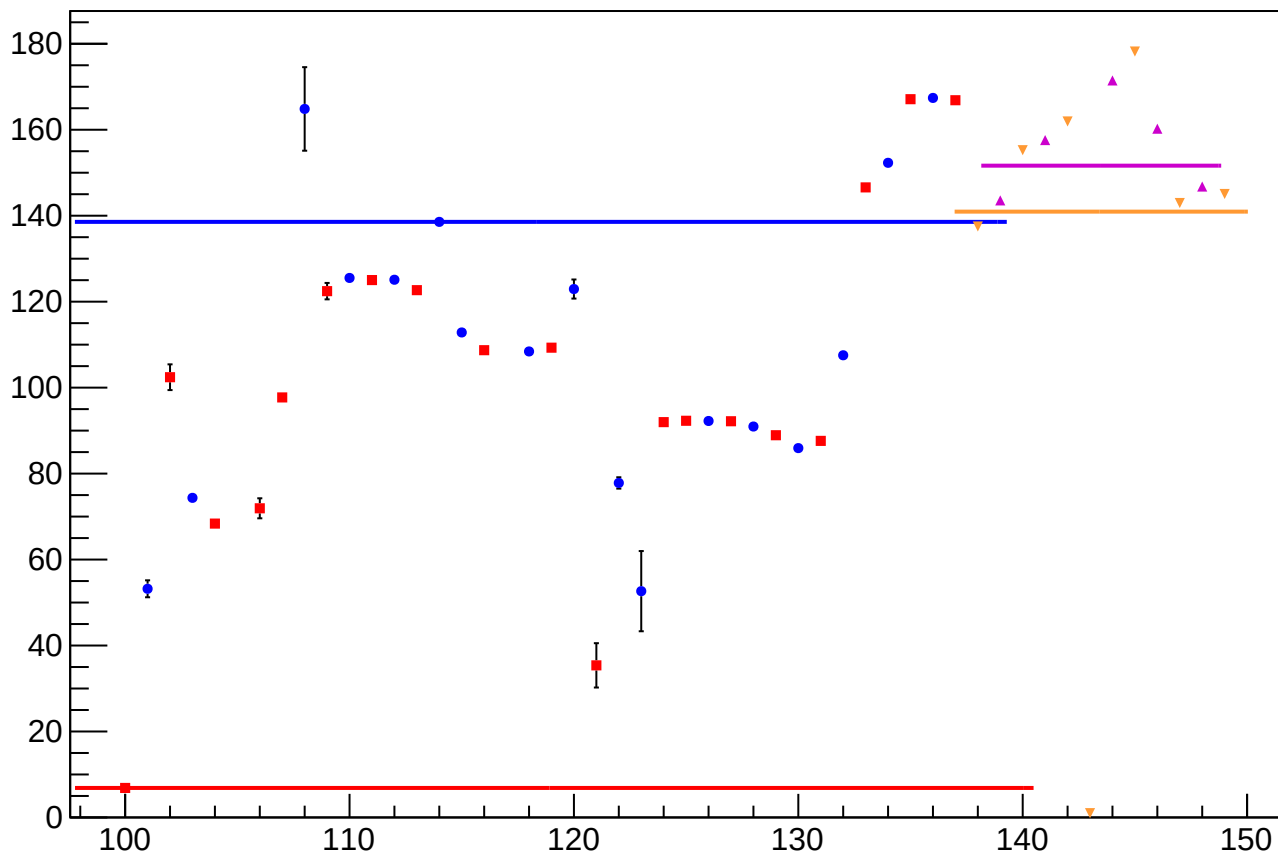
Left In: -16.343 $\pm$ 0.055 χ^2 /NDF: 19824.9/4

+ sign -56.037 $\pm$ 0.000 χ^2 /NDF: 2328346.6/23

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 4362218.7/47

- sign -10.735 $\pm$ 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: 140.947 $\pm$ 0.048 χ^2 /NDF:301360.5/6

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

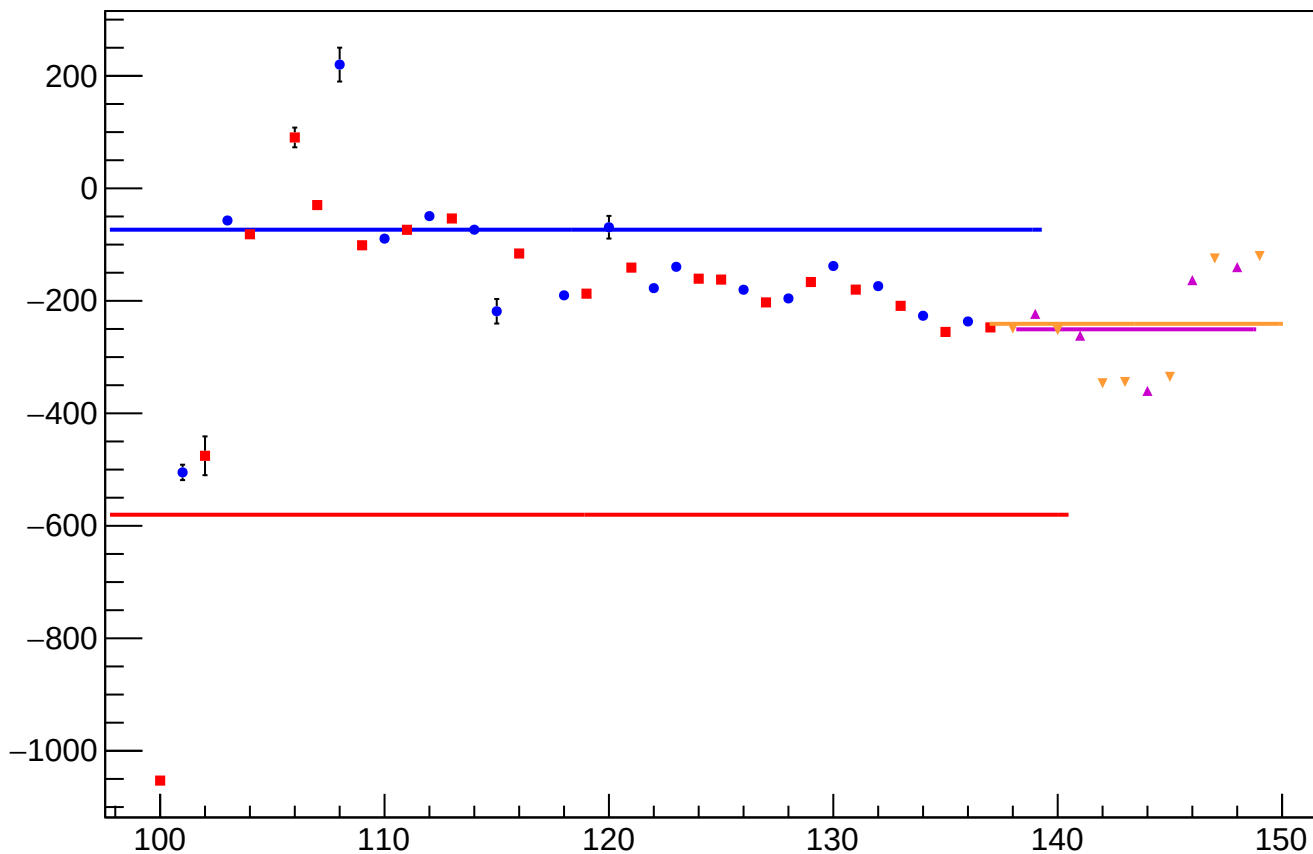
Left In: 151.642 $\pm$ 0.070 χ^2 /NDF:11058.7/4

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1204963.7/23

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 $\pm$ 0.000 χ^2 /NDF: 98703.2/16

Left Out: -240.833 $\pm$ 0.423 χ^2 /NDF: 34220.0/6

Right Out: -580.262 $\pm$ 0.261 χ^2 /NDF: 3031609.5/18

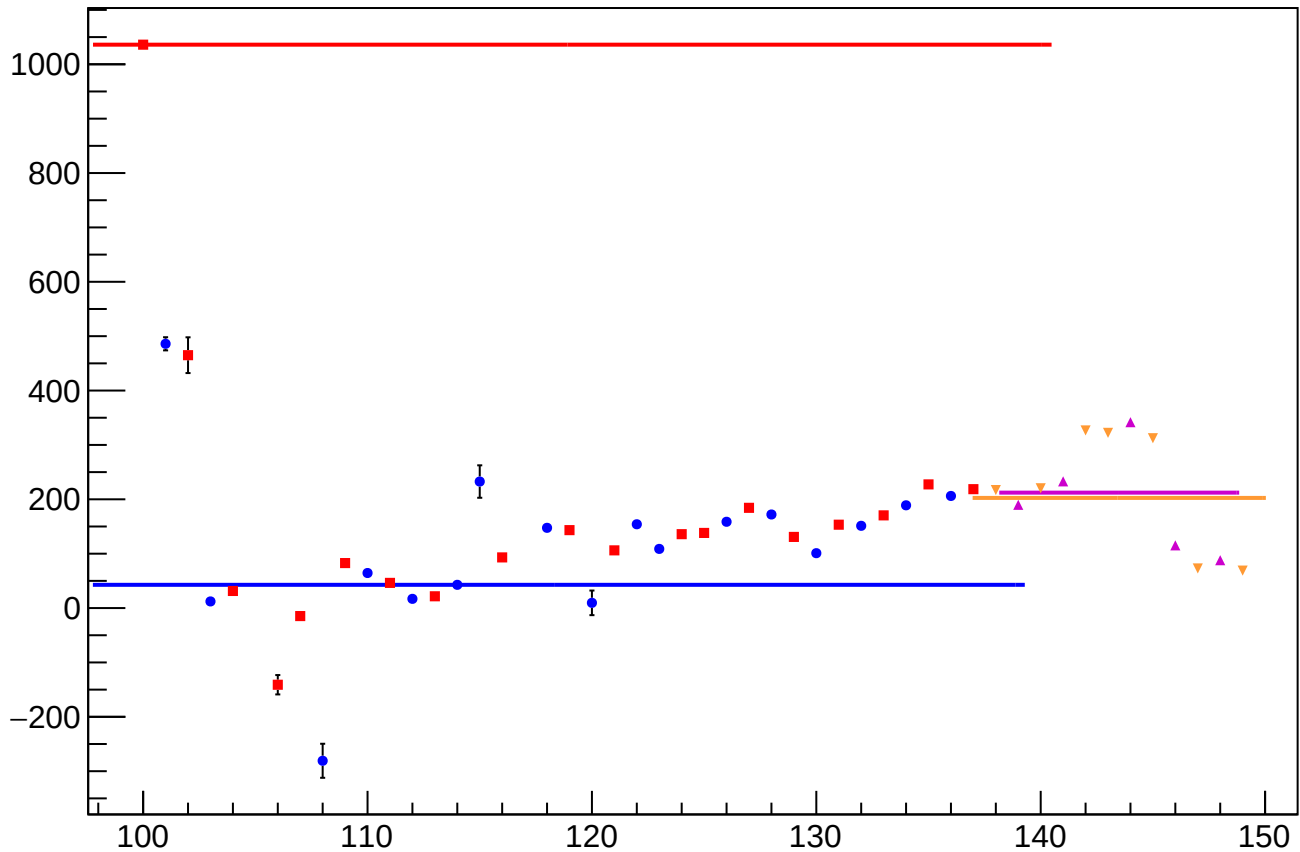
Left In: -250.611 $\pm$ 0.483 χ^2 /NDF: 22770.2/4

+ sign -73.485 $\pm$ 0.000 χ^2 /NDF: 289670.3/23

All: -73.485 $\pm$ 0.000 χ^2 /NDF: 7250354.8/47

- sign -505.768 $\pm$ 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: 202.555+/-0.437 χ^2/NDF : 42576.3/6

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

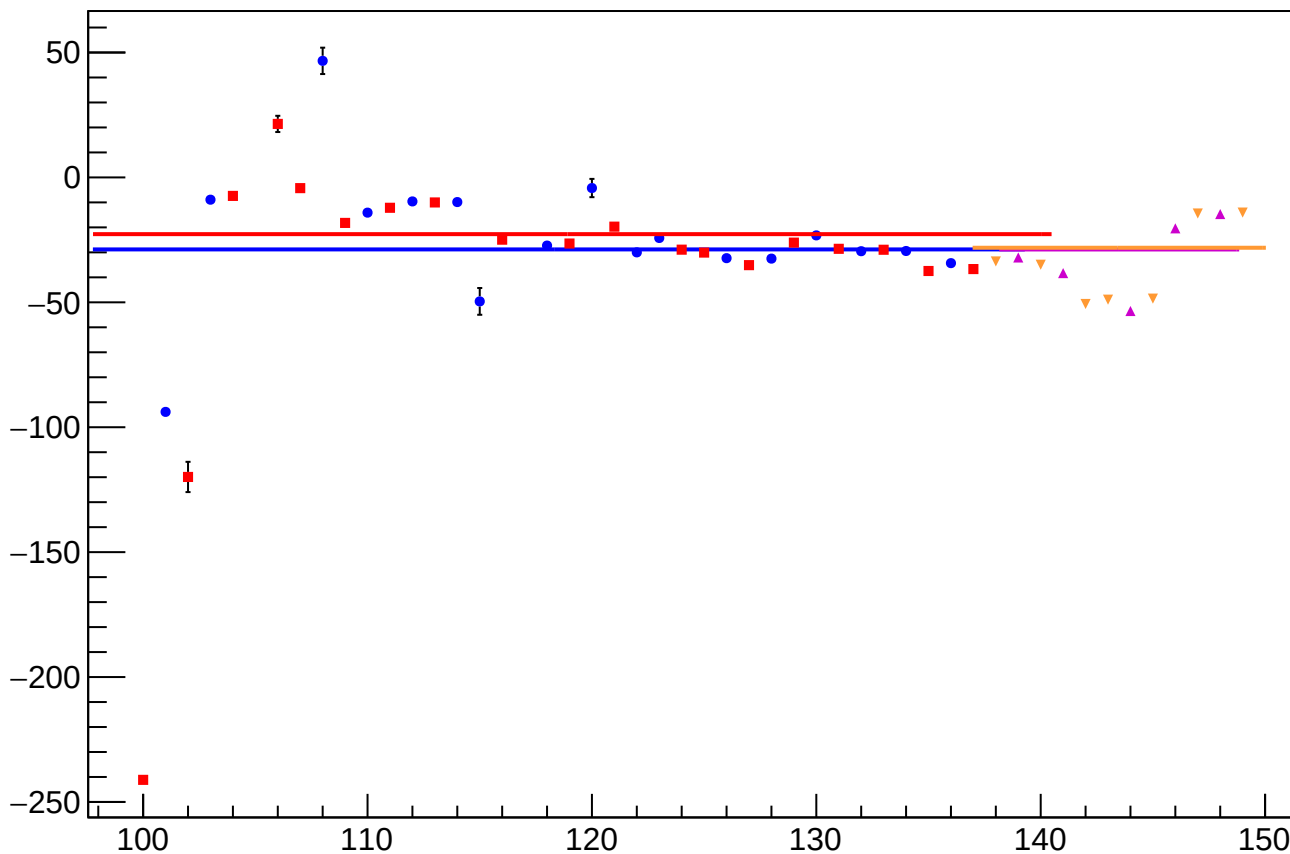
Left In: 212.271+/-0.504 χ^2/NDF : 27225.1/4

+ sign 42.743+/-0.000 χ^2/NDF : 261209.3/23

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: -28.154 ± 0.026 χ^2/NDF : 215515.7/6

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

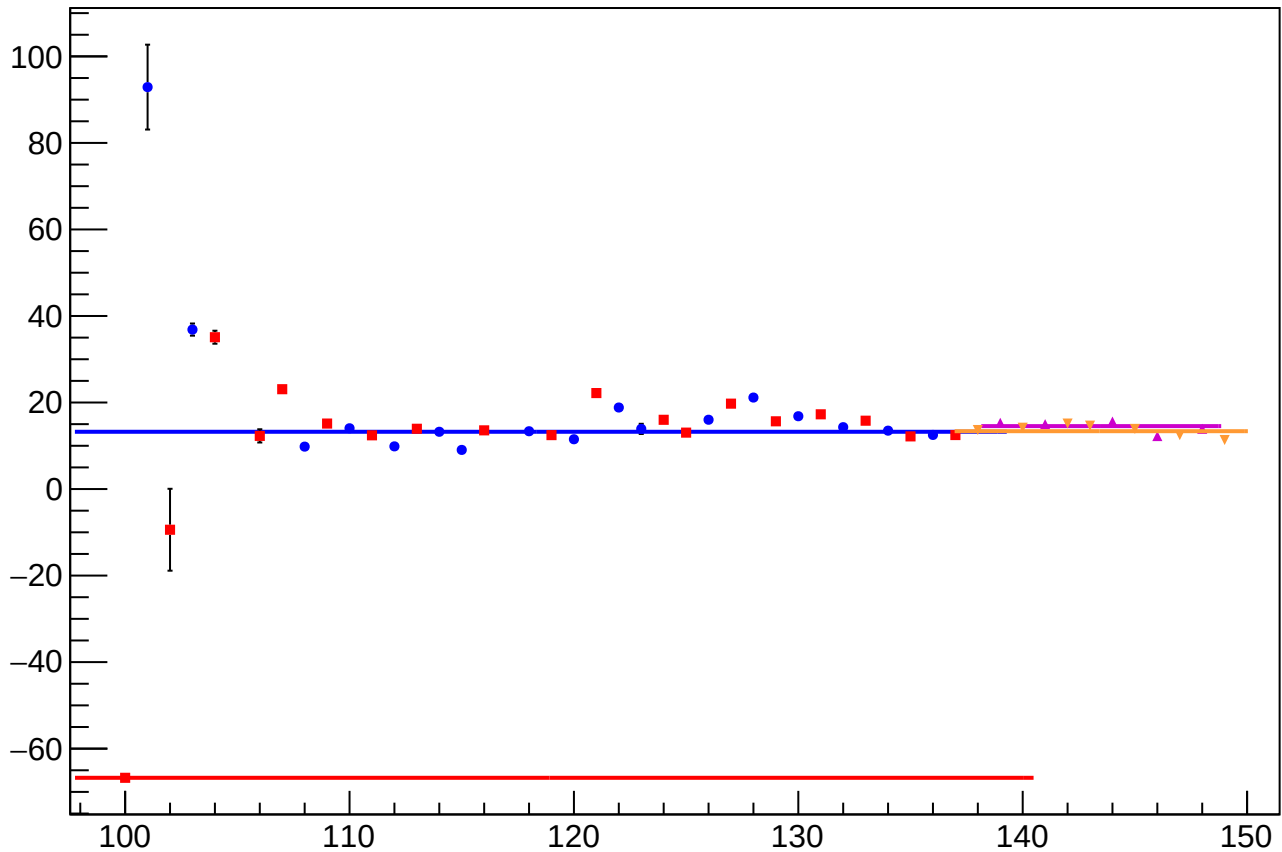
Left In: -28.848 ± 0.035 χ^2/NDF : 100496.6/4

+ sign -28.388 ± 0.021 χ^2/NDF : 265259.7/23

All: -27.478 ± 0.016 χ^2/NDF : 795143.4/47

- 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: 13.372 $\pm$ 0.028 χ^2 /NDF:2261.8/6

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

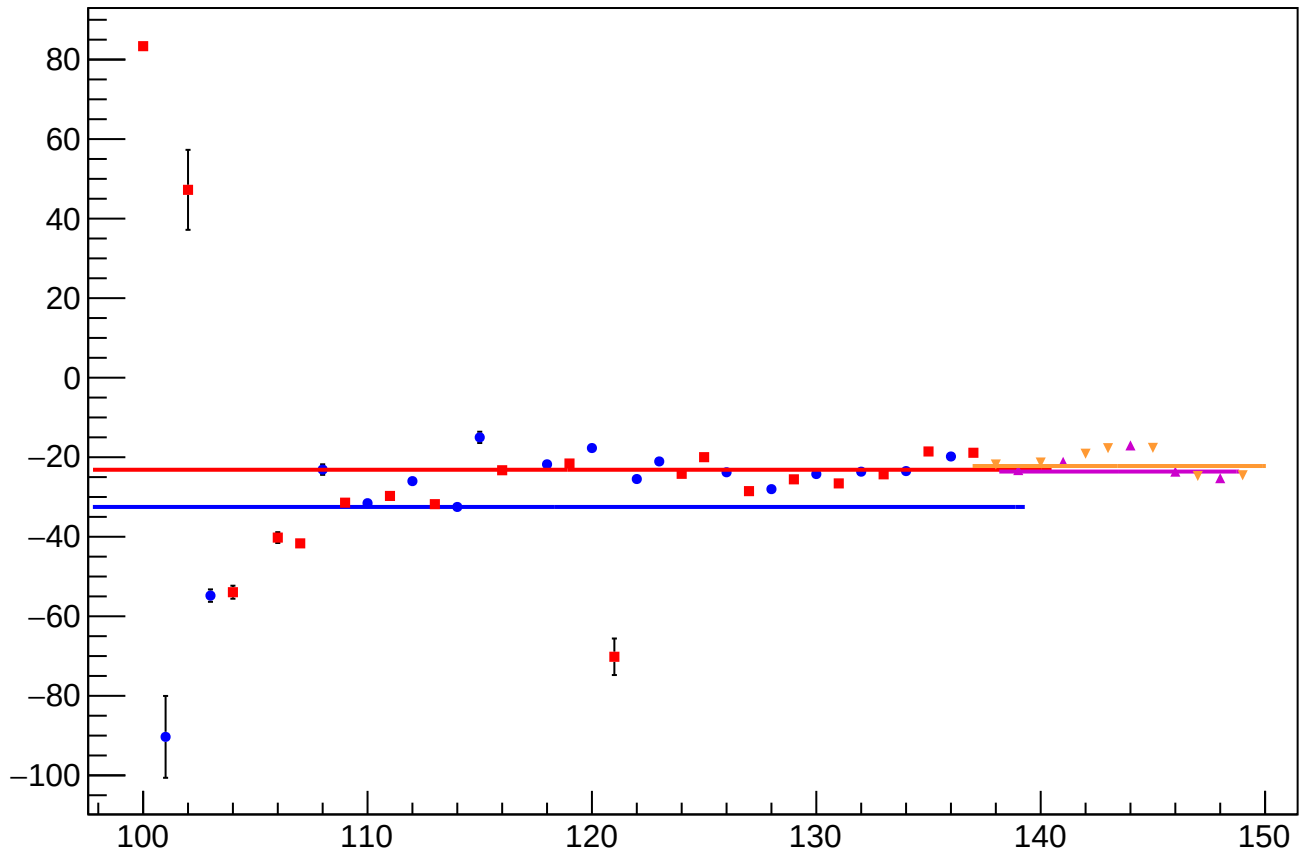
Left In: 14.545 $\pm$ 0.030 χ^2 /NDF:1618.6/4

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 8040.6/23

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: -22.210 +/- 0.030 χ^2/NDF : 8791.1/6

Right Out: -23.151 +/- 0.048 χ^2/NDF : 90749.4/18

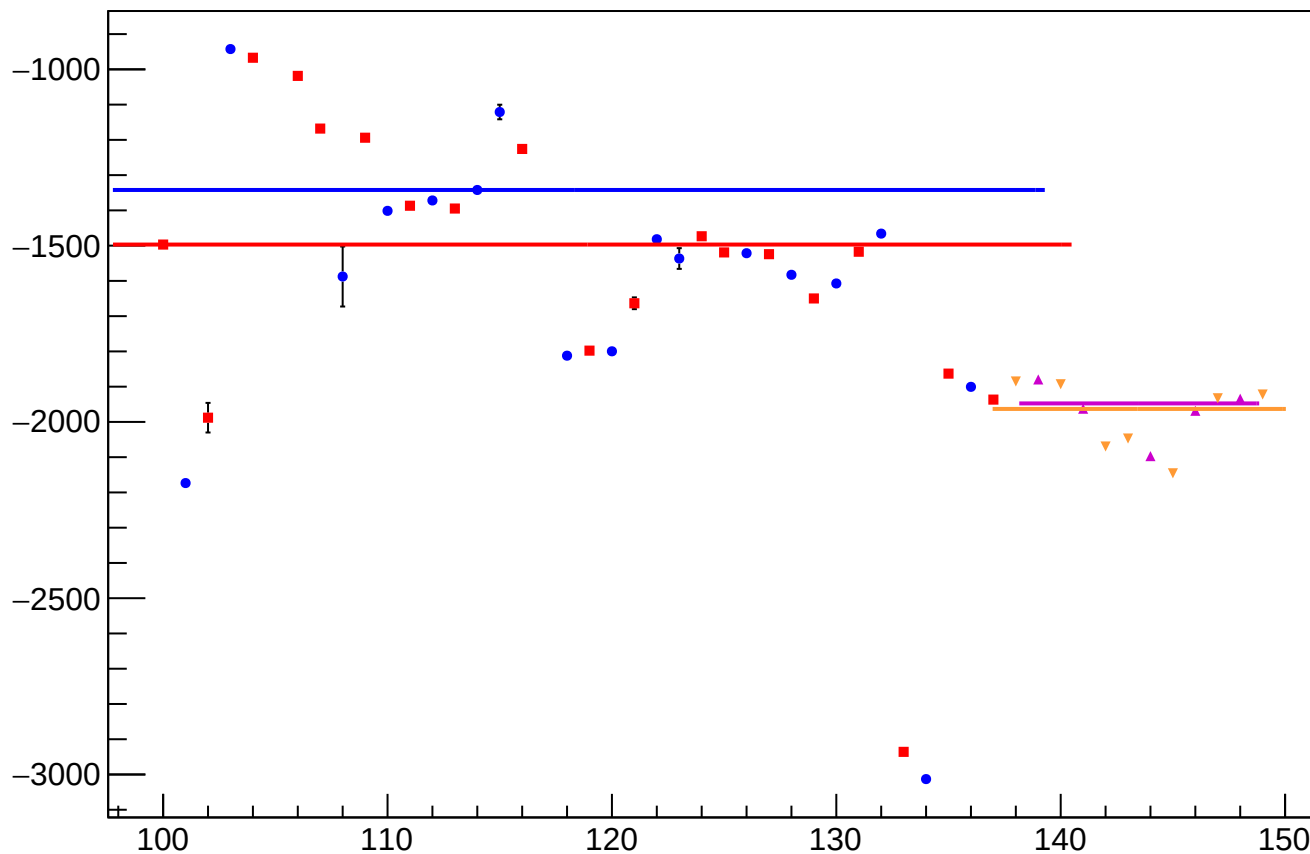
Left In: -23.604 +/- 0.038 χ^2/NDF : 4329.4/4

+ sign -32.504 +/- 0.000 χ^2/NDF : 201143.3/23

All: -32.504 +/- 0.000 χ^2/NDF : 390587.9/47

- 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: -1963.149 $\pm$ 0.696 χ^2 /NDF:12332.3/6

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 504712.5/18

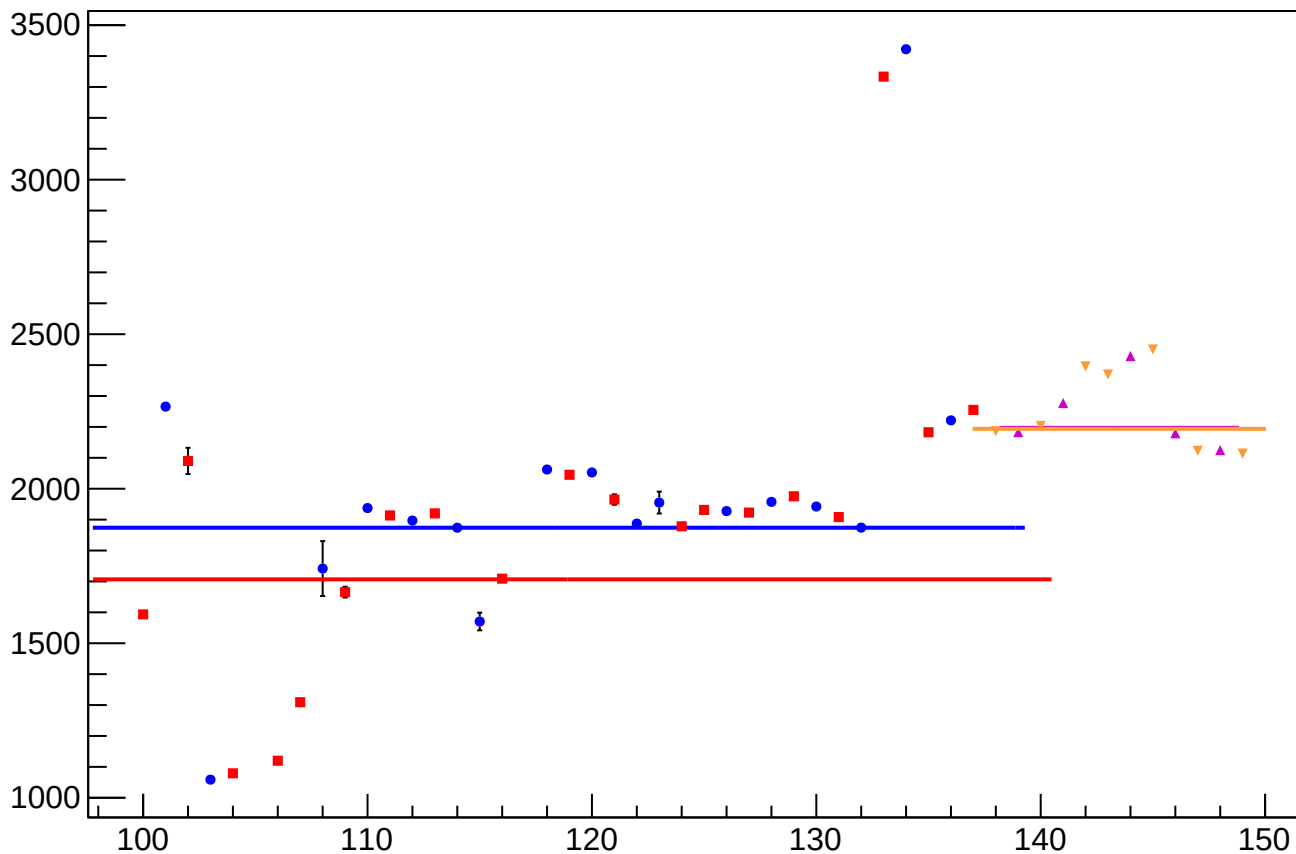
Left In: -1947.497 $\pm$ 0.545 χ^2 /NDF:12964.7/4

+ sign -1342.107 $\pm$ 0.000 χ^2 /NDF: 1179747.7/23

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 $\chi^2/\text{NDF}: 201563.9/16$

Left Out: 2193.819 ± 0.730 $\chi^2/\text{NDF}: 22919.3/6$

Right Out: 1706.739 ± 0.302 $\chi^2/\text{NDF}: 837936.9/18$

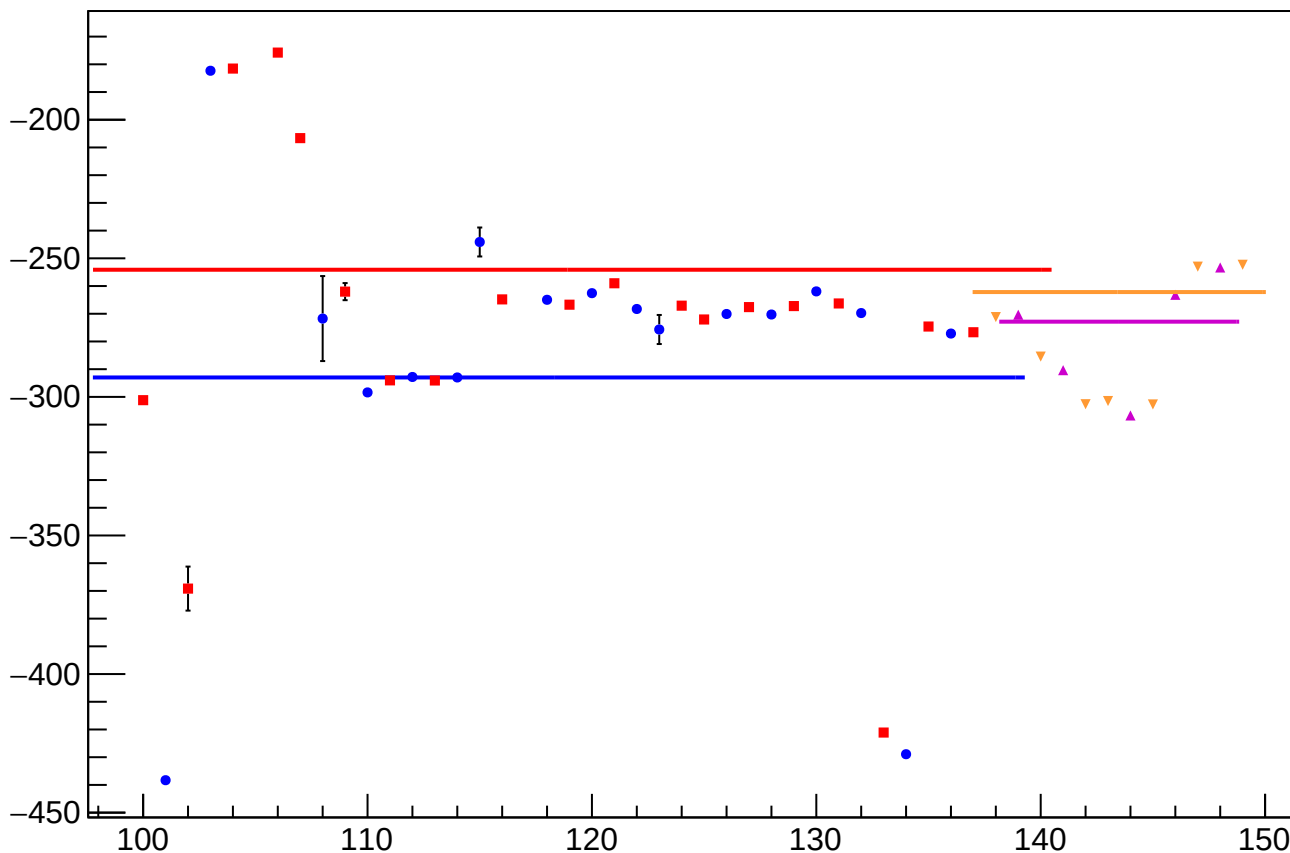
Left In: 2197.067 ± 0.564 $\chi^2/\text{NDF}: 27049.9/4$

+ sign 1873.852 ± 0.000 $\chi^2/\text{NDF}: 416434.5/23$

All: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 1914754.3/47$

- sign 1816.092 ± 0.267 $\chi^2/\text{NDF}: 1451363.5/23$

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -262.171+/-0.040 χ^2/NDF : 175923.3/6

Right Out: -254.119+/-0.059 χ^2/NDF : 502658.5/18

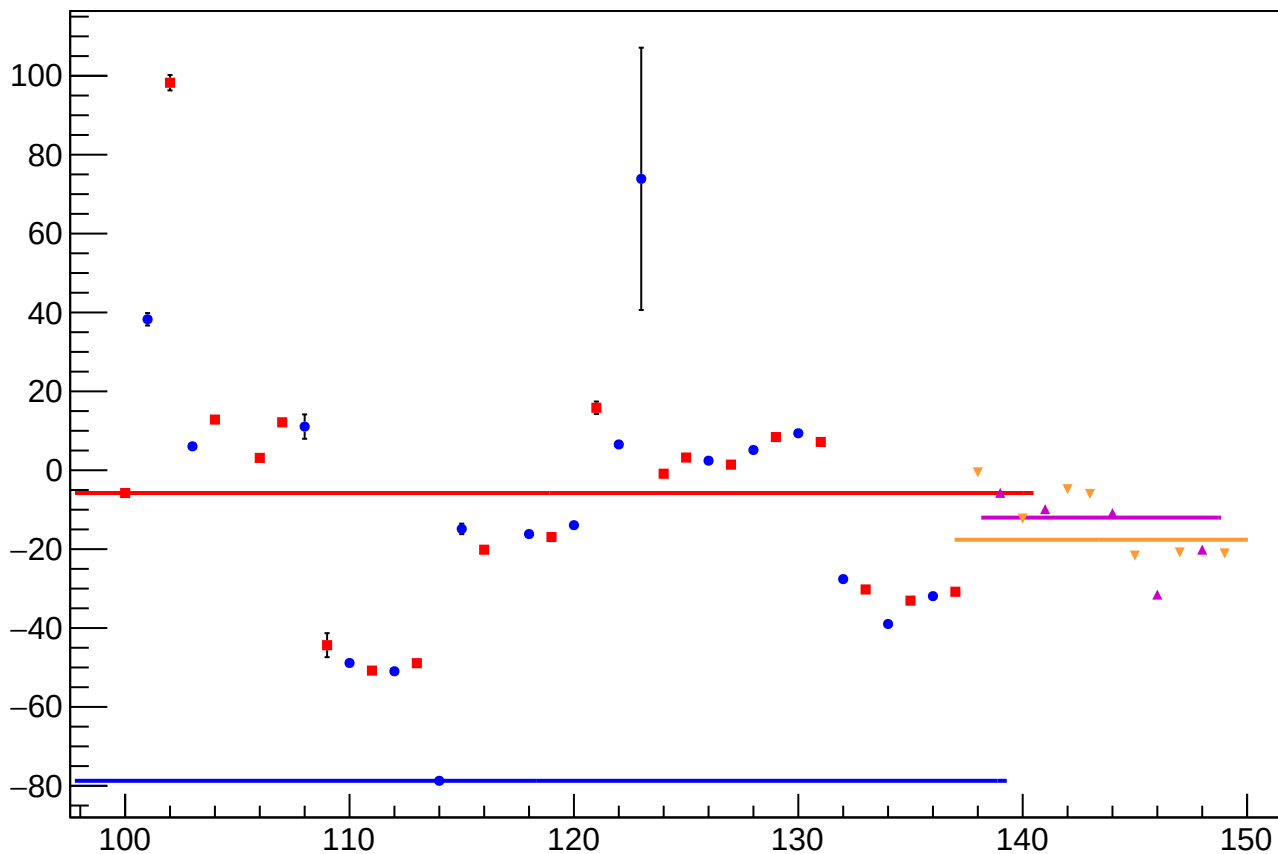
Left In: -272.858+/-0.048 χ^2/NDF : 121437.0/4

+ sign -292.986+/-0.000 χ^2/NDF : 1781756.6/23

All: -292.986+/-0.000 χ^2/NDF : 3014170.3/47

- sign -265.356+/-0.037 χ^2/NDF : 684592.0/23

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1399088.3/16

Left Out: -17.614 ± 0.041 χ^2/NDF : 17935.4/6

Right Out: -5.769 ± 0.000 χ^2/NDF : 111570.1/18

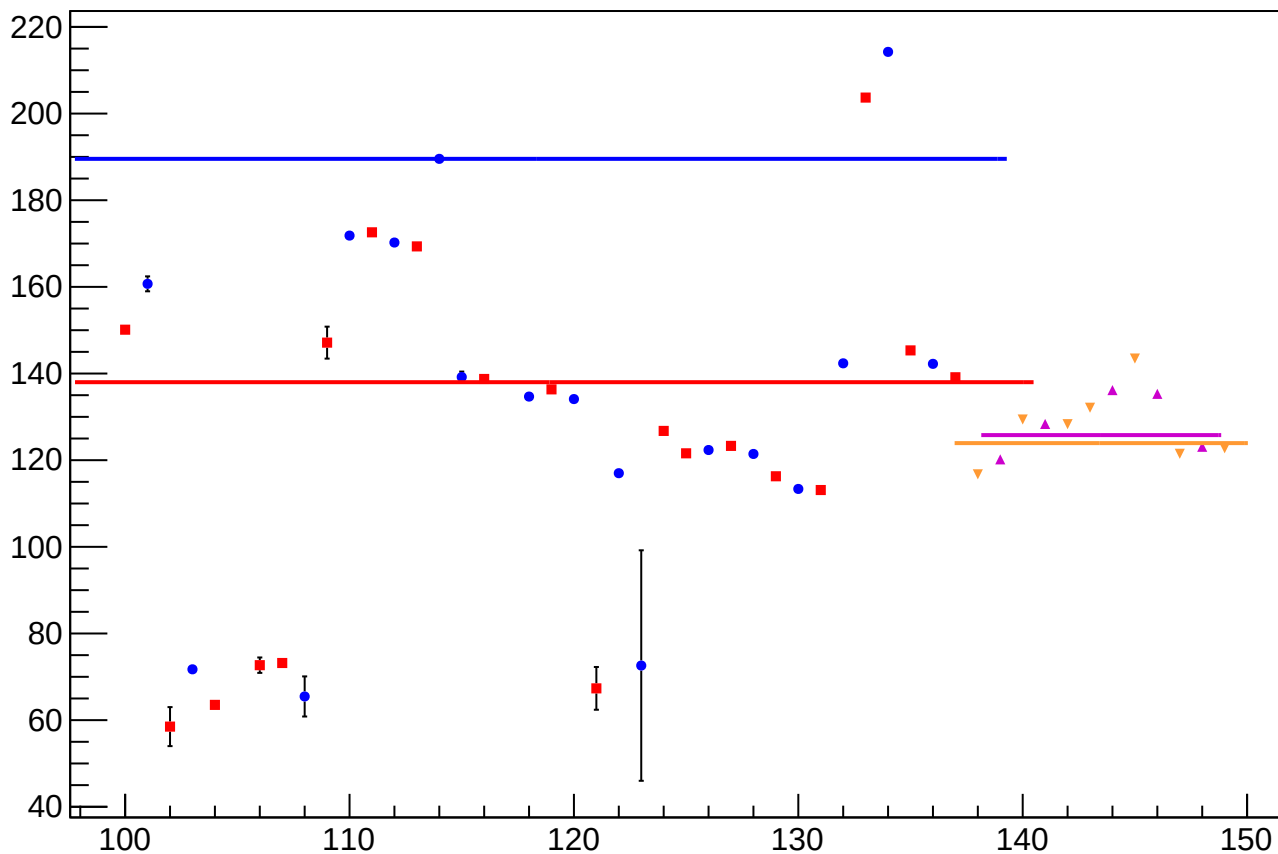
Left In: -12.009 ± 0.053 χ^2/NDF : 13685.8/4

+ sign -78.728 ± 0.000 χ^2/NDF : 3670768.2/23

All: -6.288 ± 0.000 χ^2/NDF : 2878797679293

- sign -5.769 ± 0.000 χ^2/NDF : 139161.9/23

dit_atr2_4eY_slope vs Slug



Right In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 927391.8/16$

Left Out: 123.940 ± 0.049 $\chi^2/\text{NDF}: 7276.5/6$

Right Out: 138.002 ± 0.059 $\chi^2/\text{NDF}: 117357.8/18$

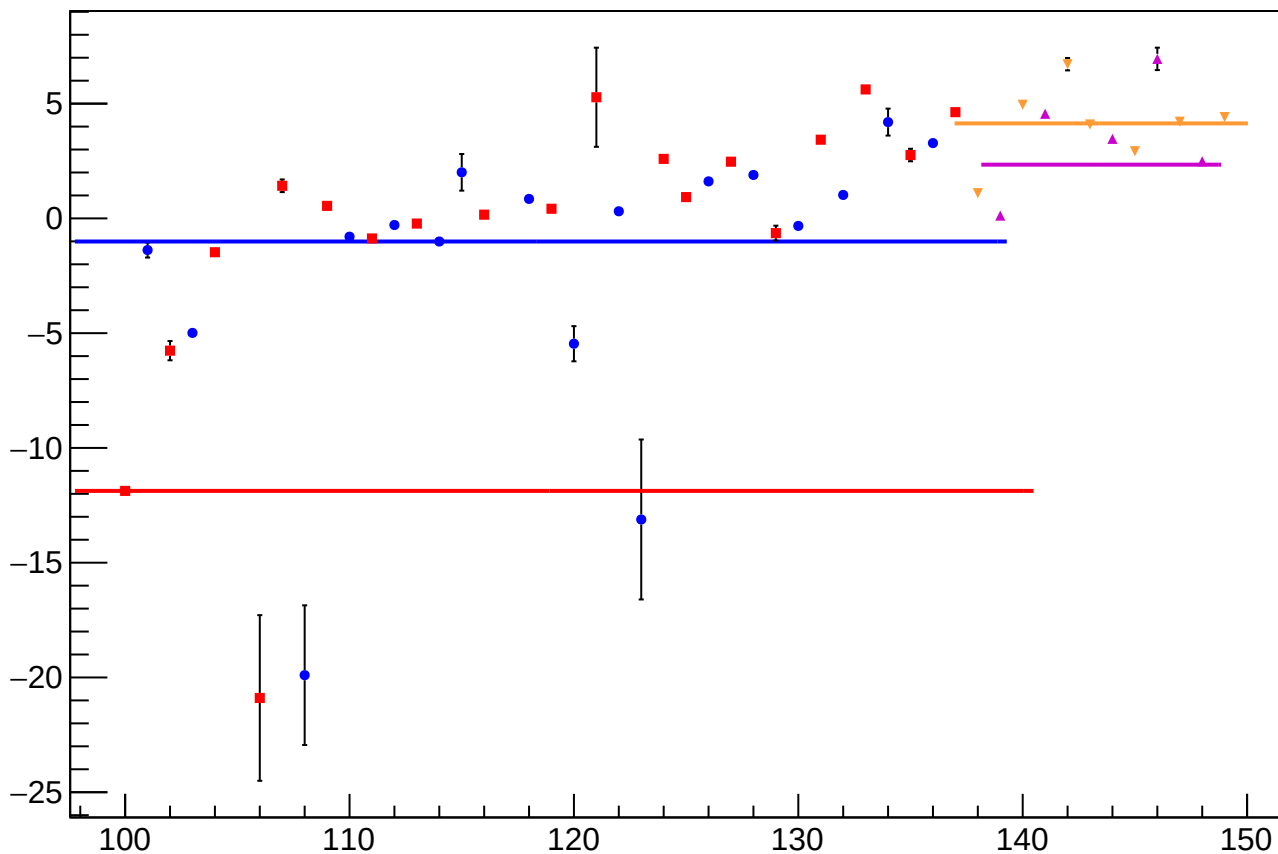
Left In: 125.790 ± 0.058 $\chi^2/\text{NDF}: 6225.8/4$

+ sign 189.551 ± 0.000 $\chi^2/\text{NDF}: 2738015.4/23$

All: 189.551 ± 0.000 $\chi^2/\text{NDF}: 4834915.3/47$

- sign 131.777 ± 0.041 $\chi^2/\text{NDF}: 145373.4/23$

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2 /NDF: 7057.7/16

Left Out: 4.139+/-0.045 χ^2 /NDF:488.7/6

Right Out: -11.872+/-0.000 χ^2 /NDF: 503632.2/18

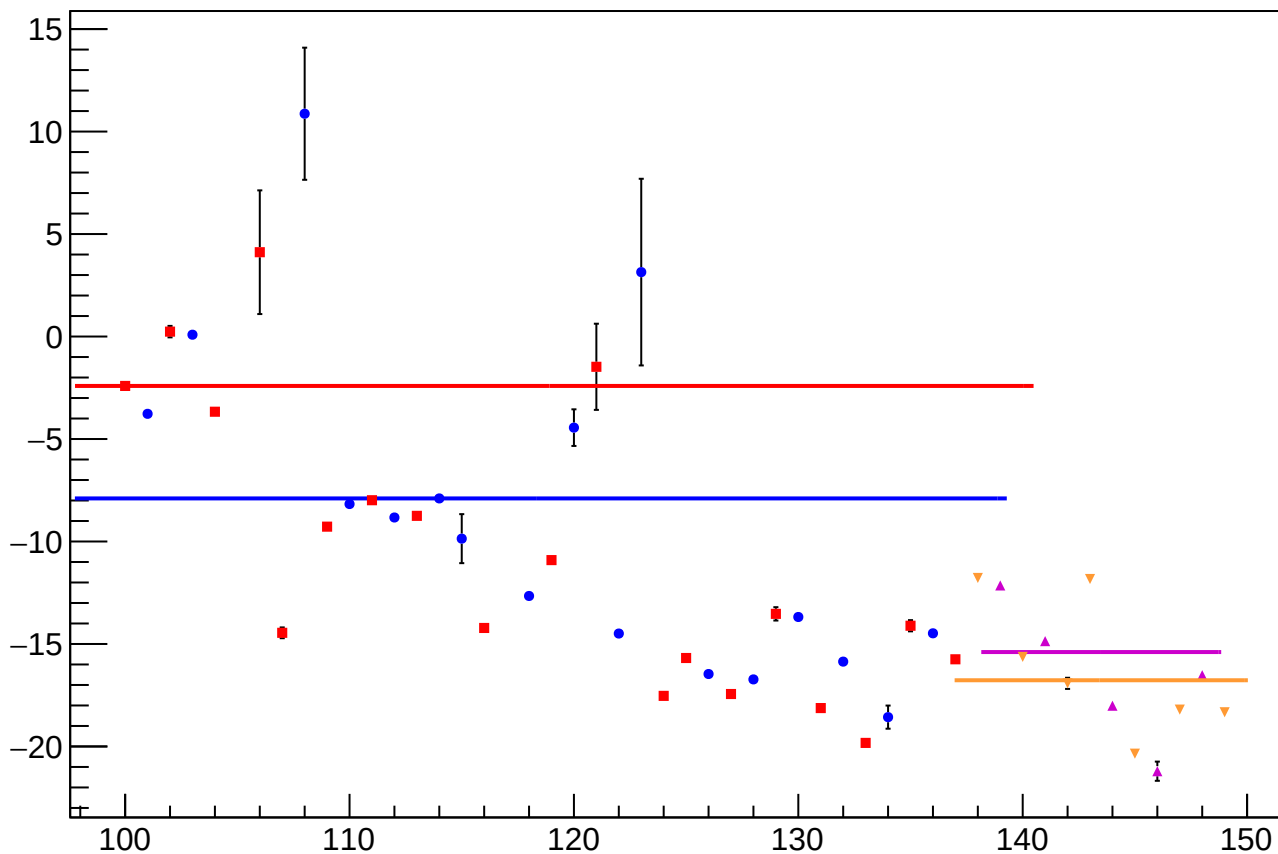
Left In: 2.341+/-0.040 χ^2 /NDF:2054.3/4

+ sign -1.007+/-0.000 χ^2 /NDF: 20728.0/23

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: -16.770 ± 0.044 χ^2/NDF : 3803.3/6

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

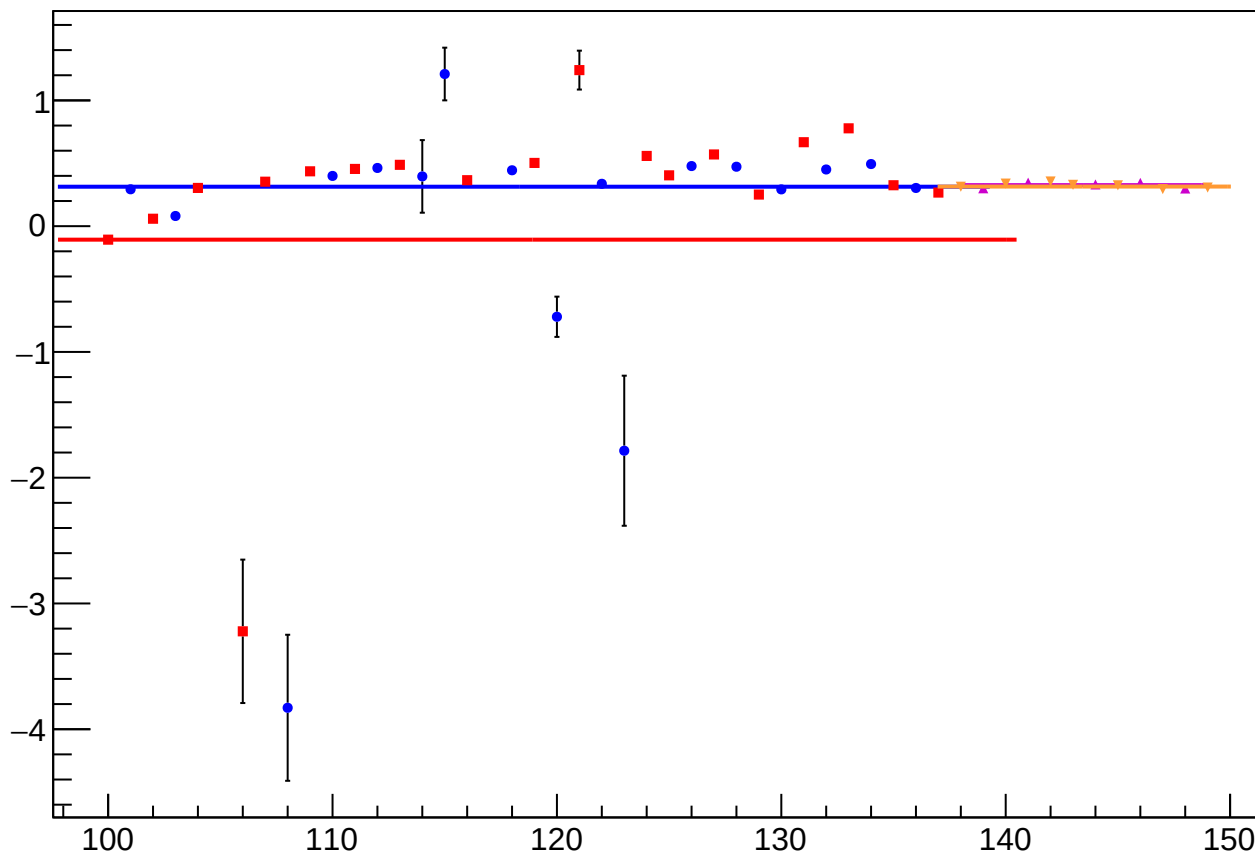
Left In: -15.394 ± 0.053 χ^2/NDF : 1463.5/4

+ sign -7.899 ± 0.000 χ^2/NDF : 83462.4/23

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 χ^2/NDF : 2748.0/16

Left Out: 0.315 ± 0.001 χ^2/NDF : 1156.0/6

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

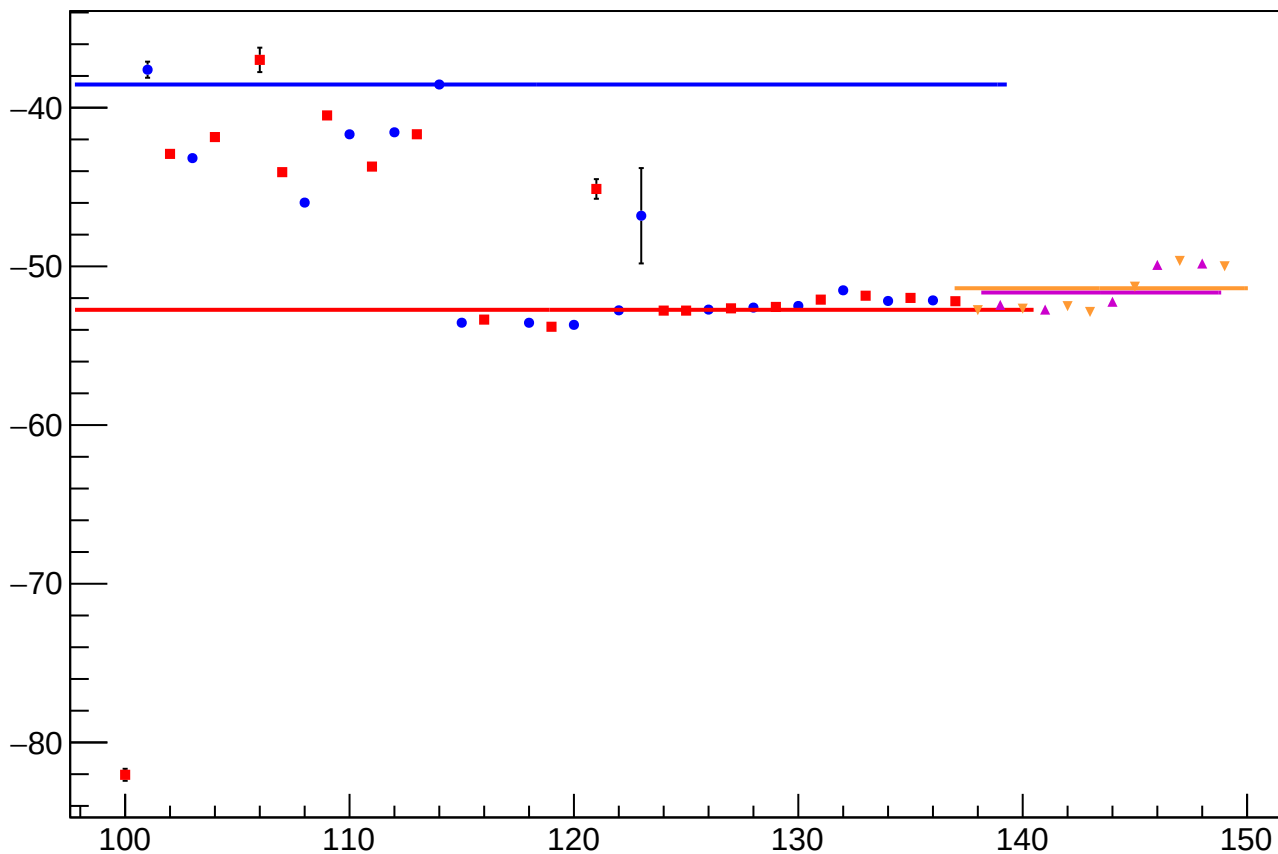
Left In: 0.326 ± 0.001 χ^2/NDF : 721.4/4

+ sign 0.315 ± 0.000 χ^2/NDF : 3905.3/23

All: -0.107 ± 0.000 χ^2/NDF : 1586102.4/47

- sign -0.107 ± 0.000 χ^2/NDF : 689904.3/23

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF : 14950854.6/16

Left Out: -51.377+/-0.004 χ^2/NDF : 140677.2/6

Right Out: -52.737+/-0.002 χ^2/NDF : 87430.2/18

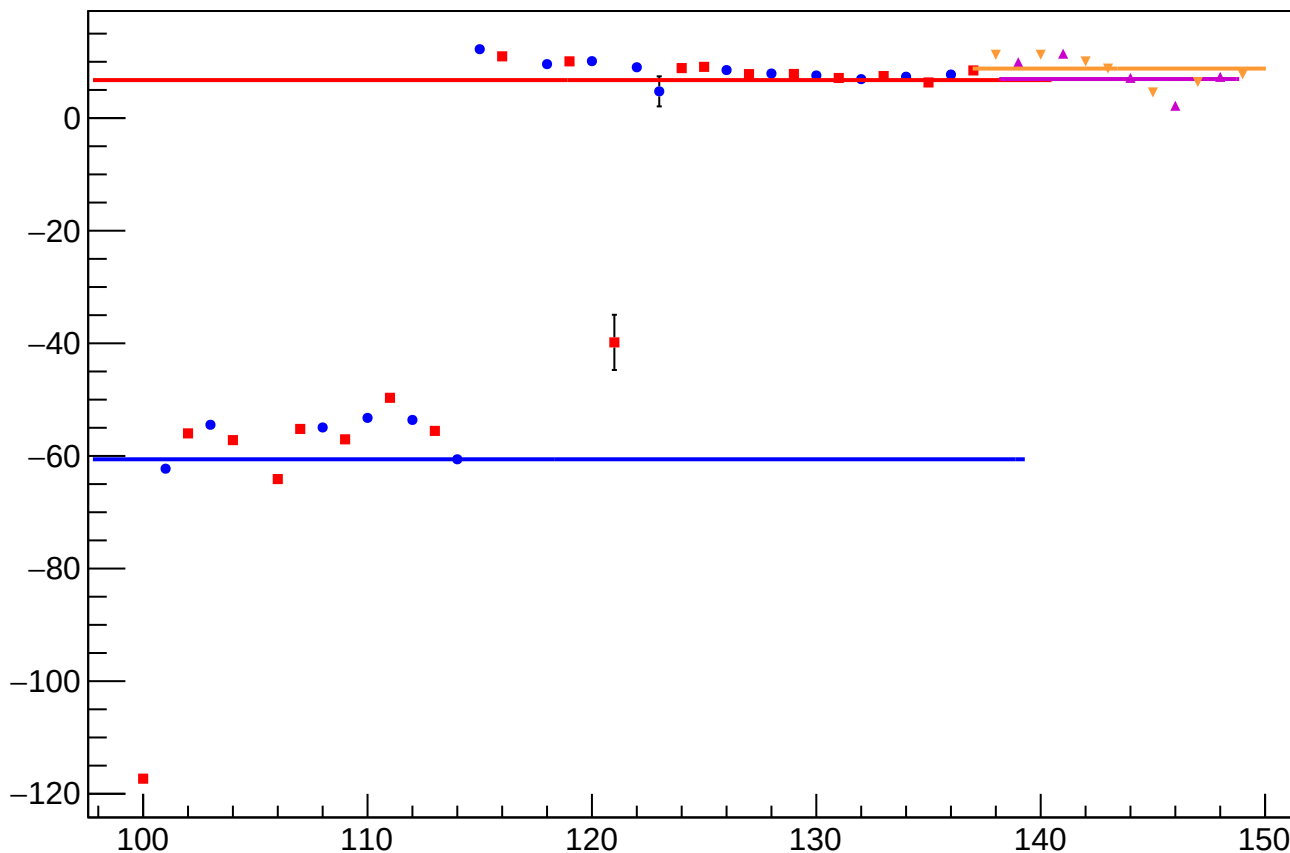
Left In: -51.647+/-0.005 χ^2/NDF : 59430.8/4

+ sign -38.539+/-0.000 χ^2/NDF : 26580403.4/23

All: -38.539+/-0.000 χ^2/NDF : 90007530.8/47

- 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: 8.794+/-0.010 χ^2/NDF : 35141.3/6

Right Out: 6.748+/-0.011 χ^2/NDF : 1266598.3/18

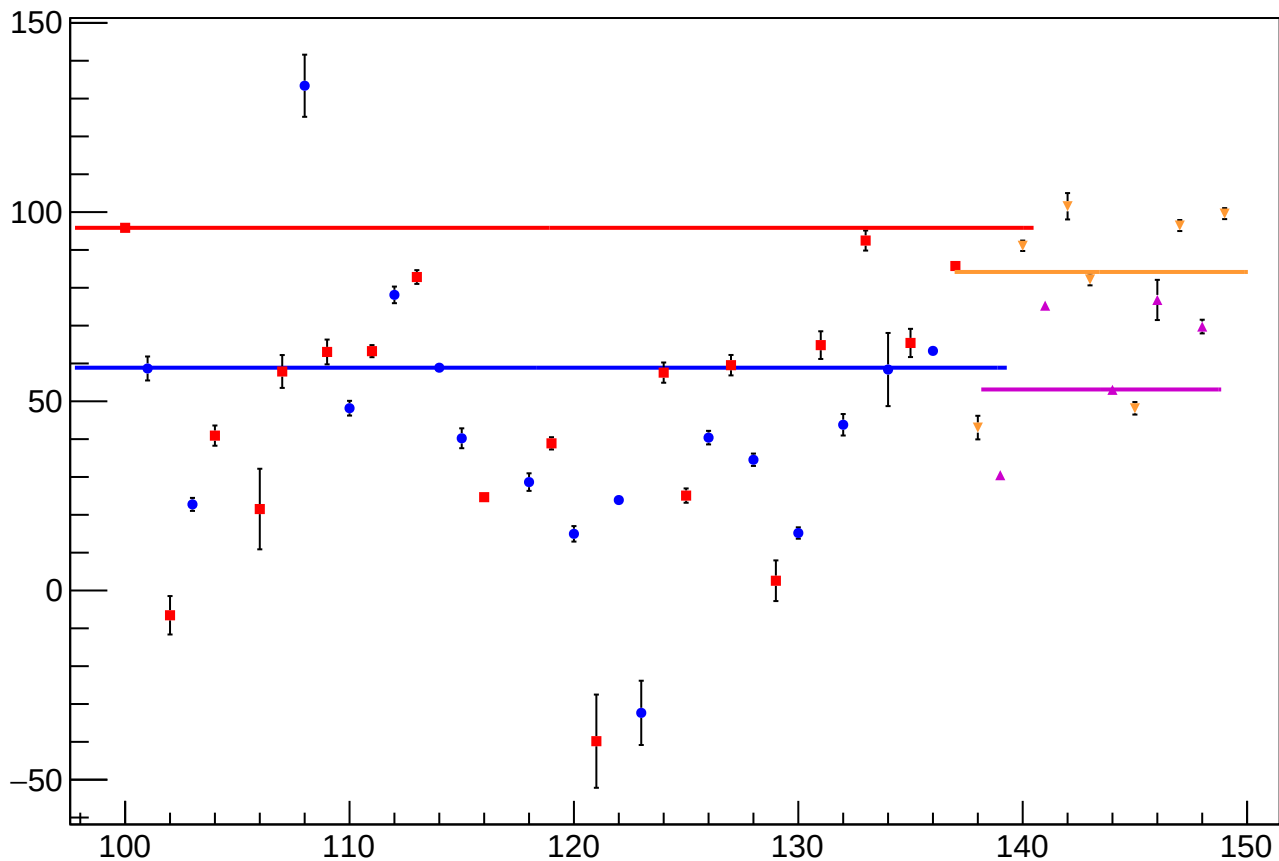
Left In: 6.940+/-0.012 χ^2/NDF : 87073.4/4

+ sign -60.594+/-0.000 χ^2/NDF : 70903593.4/23

All: -60.594+/-0.000 χ^2/NDF : 141058193.2/4

- sign 6.835+/-0.008 χ^2/NDF : 1353808.8/23

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 χ^2/NDF : 3814.7/16

Left Out: 84.181 ± 0.642 χ^2/NDF : 882.6/6

Right Out: 95.846 ± 0.000 χ^2/NDF : 39385.0/18

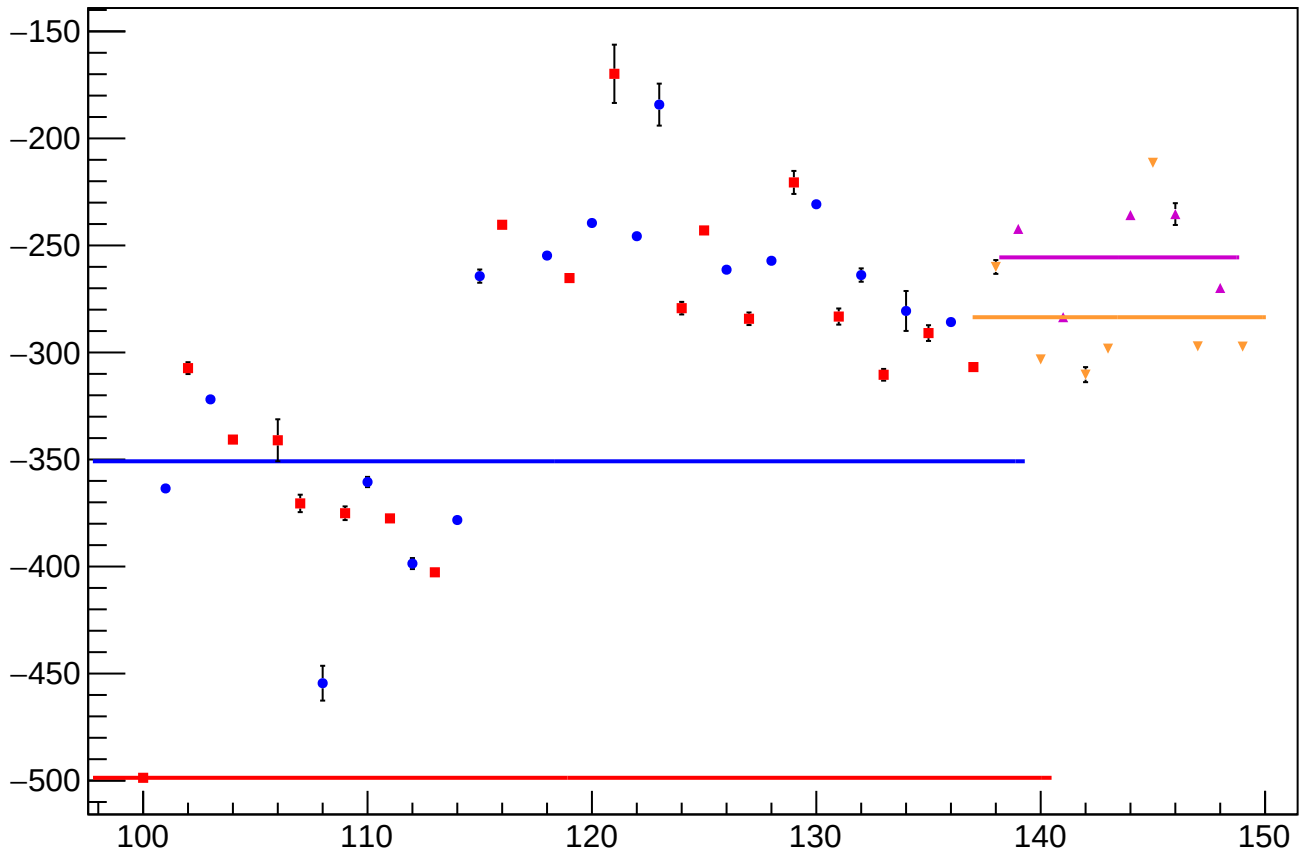
Left In: 53.125 ± 0.560 χ^2/NDF : 1022.0/4

+ sign 58.880 ± 0.000 χ^2/NDF : 6252.6/23

All: 60.098 ± 0.000 χ^2/NDF : 981523394566

- sign 95.846 ± 0.000 χ^2/NDF : 46227.3/23

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 $\chi^2/\text{NDF}: 41301.1/16$

Left Out: -283.530 ± 0.631 $\chi^2/\text{NDF}: 2729.4/6$

Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 511870.8/18$

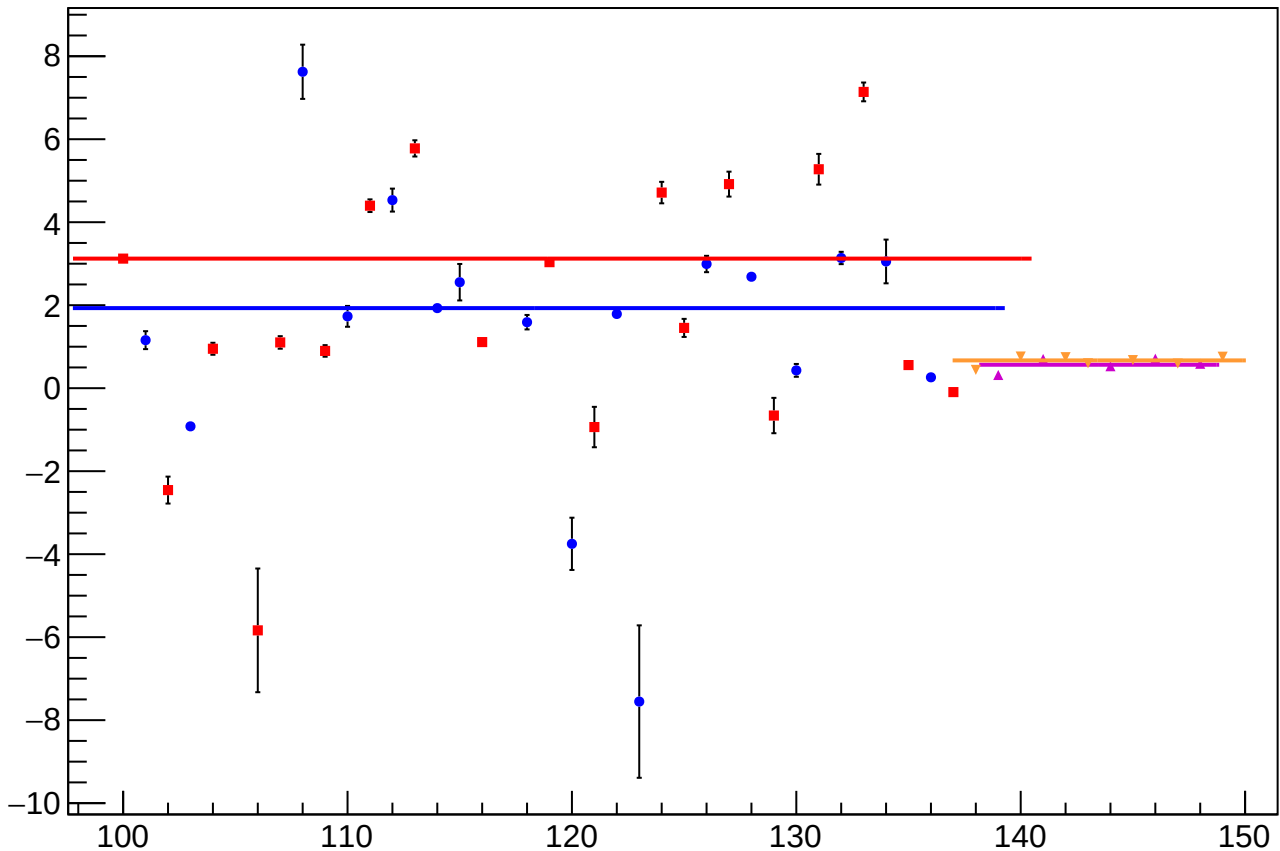
Left In: -255.576 ± 0.590 $\chi^2/\text{NDF}: 1155.4/4$

+ sign -342.054 ± 0.228 $\chi^2/\text{NDF}: 53911.5/23$

All: -498.692 ± 0.000 $\chi^2/\text{NDF}: 1208552.8/47$

- sign -498.692 ± 0.000 $\chi^2/\text{NDF}: 682778.0/23$

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.670 $\pm$ 0.004 χ^2 /NDF: 578.3/6

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 512565.5/18

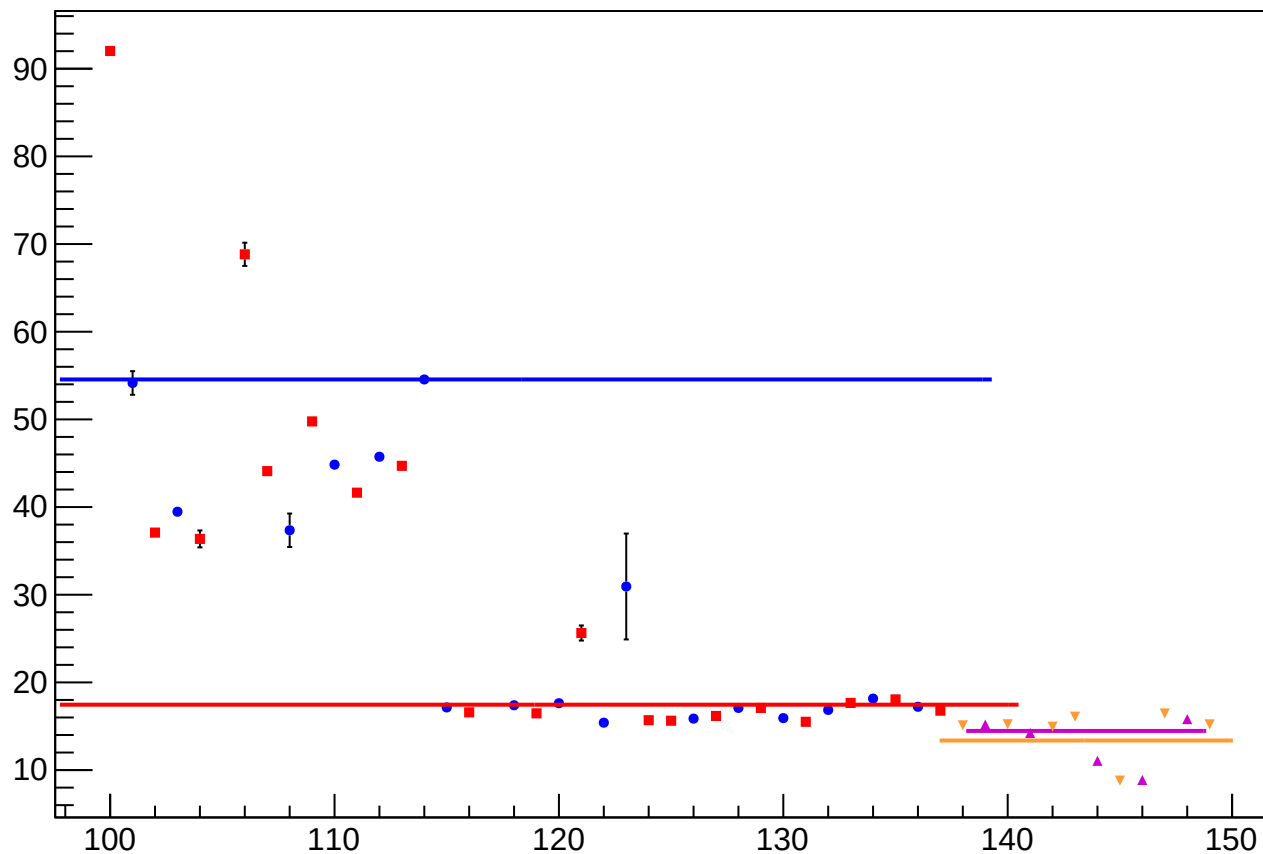
Left In: 0.565 $\pm$ 0.004 χ^2 /NDF: 1447.7/4

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 172020.2/23

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 $\pm$ 0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.371 $\pm$ 0.012 χ^2/NDF : 67817.9/6

Right Out: 17.458 $\pm$ 0.018 χ^2/NDF : 99308.5/18

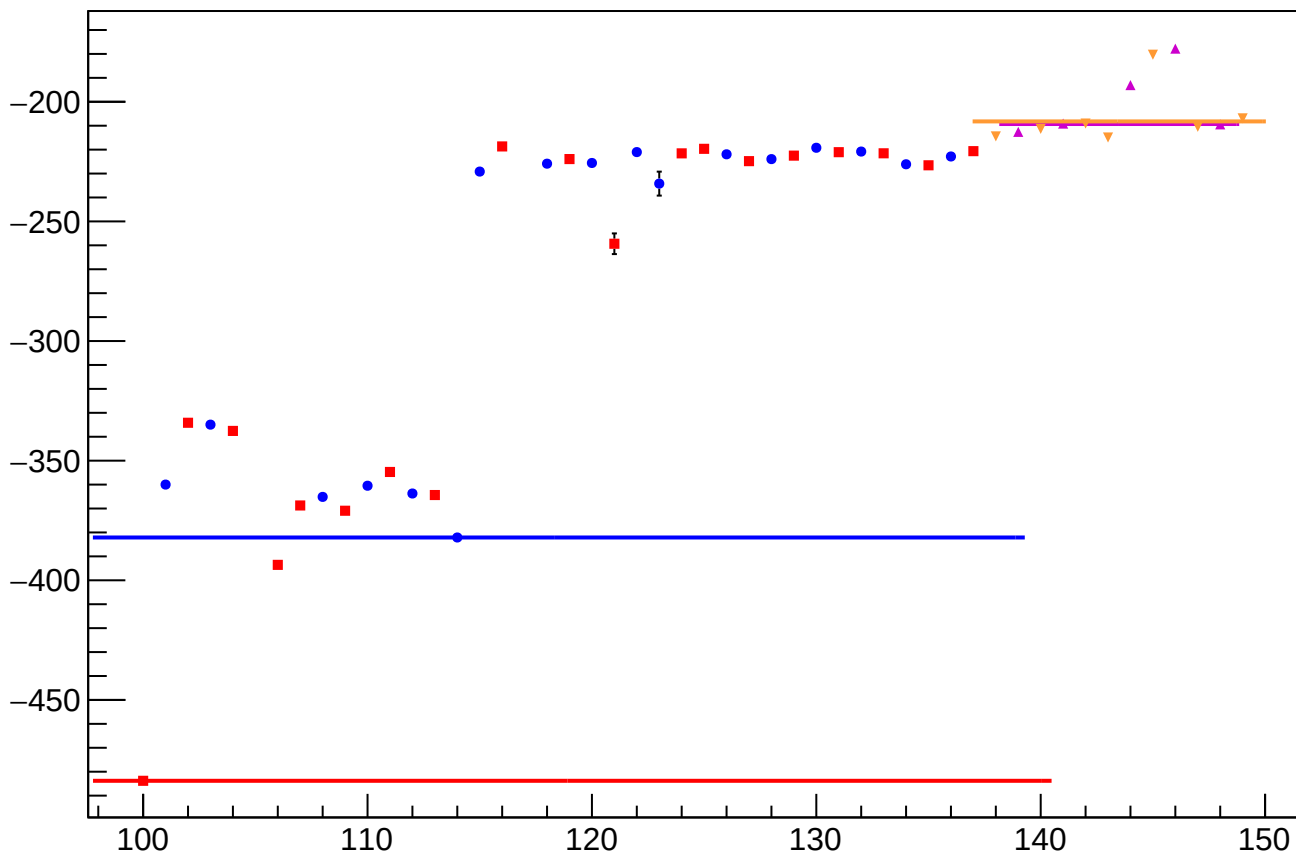
Left In: 14.466 $\pm$ 0.020 χ^2/NDF : 6562.5/4

+ sign 54.556 $\pm$ 0.000 χ^2/NDF : 18595597.6/23

All: 54.556 $\pm$ 0.000 χ^2/NDF : 26642231.9/47

- sign 16.132 $\pm$ 0.014 χ^2/NDF : 117738.9/23

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.207+/-0.026 χ^2/NDF : 54410.7/6

+ sign -382.108+/-0.000 χ^2/NDF : 64636052.8/23

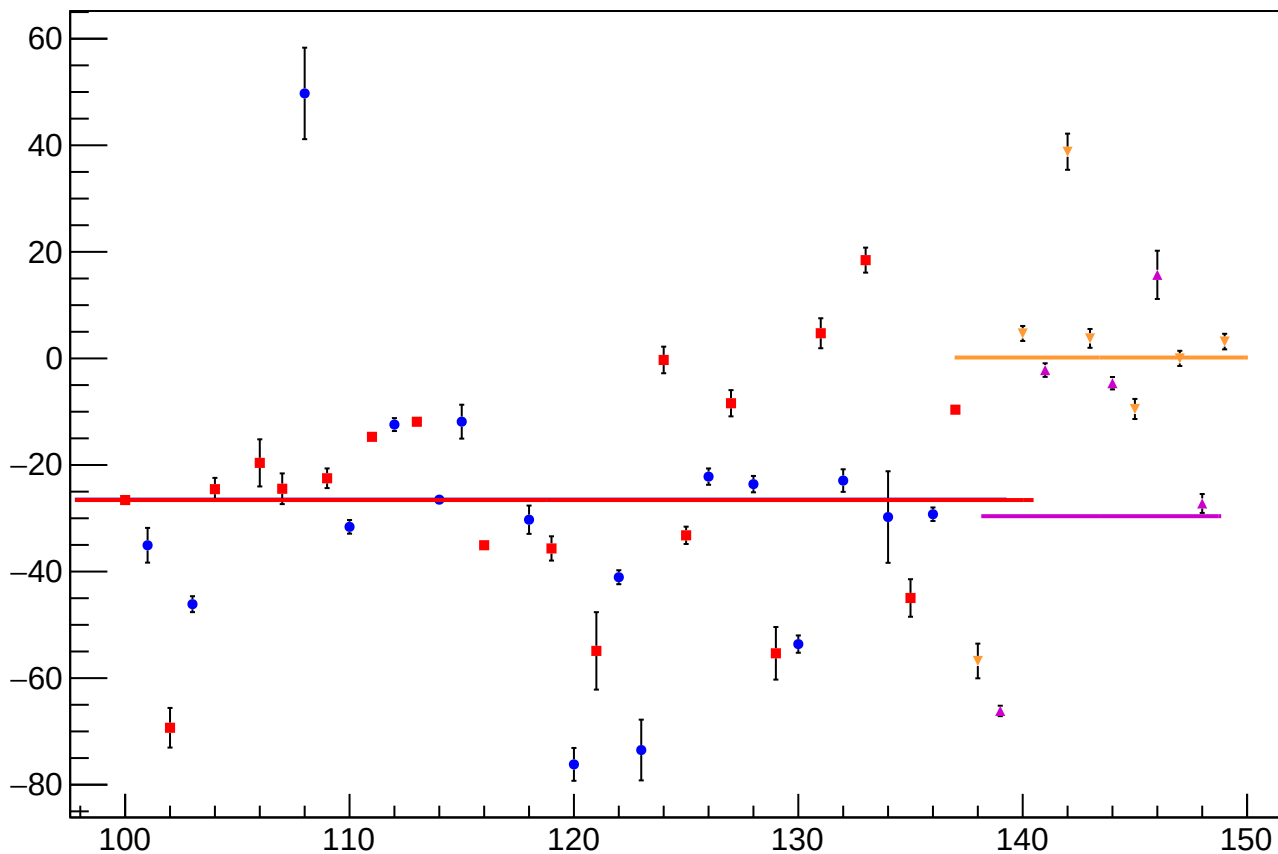
Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

All: -417.999+/-0.000 χ^2/NDF : 12425488813

- sign -483.800+/-0.000 χ^2/NDF : 78209434.9/23

Left In: -209.294+/-0.037 χ^2/NDF : 9494.2/4

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: 0.172 ± 0.667 χ^2/NDF : 480.6/6

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

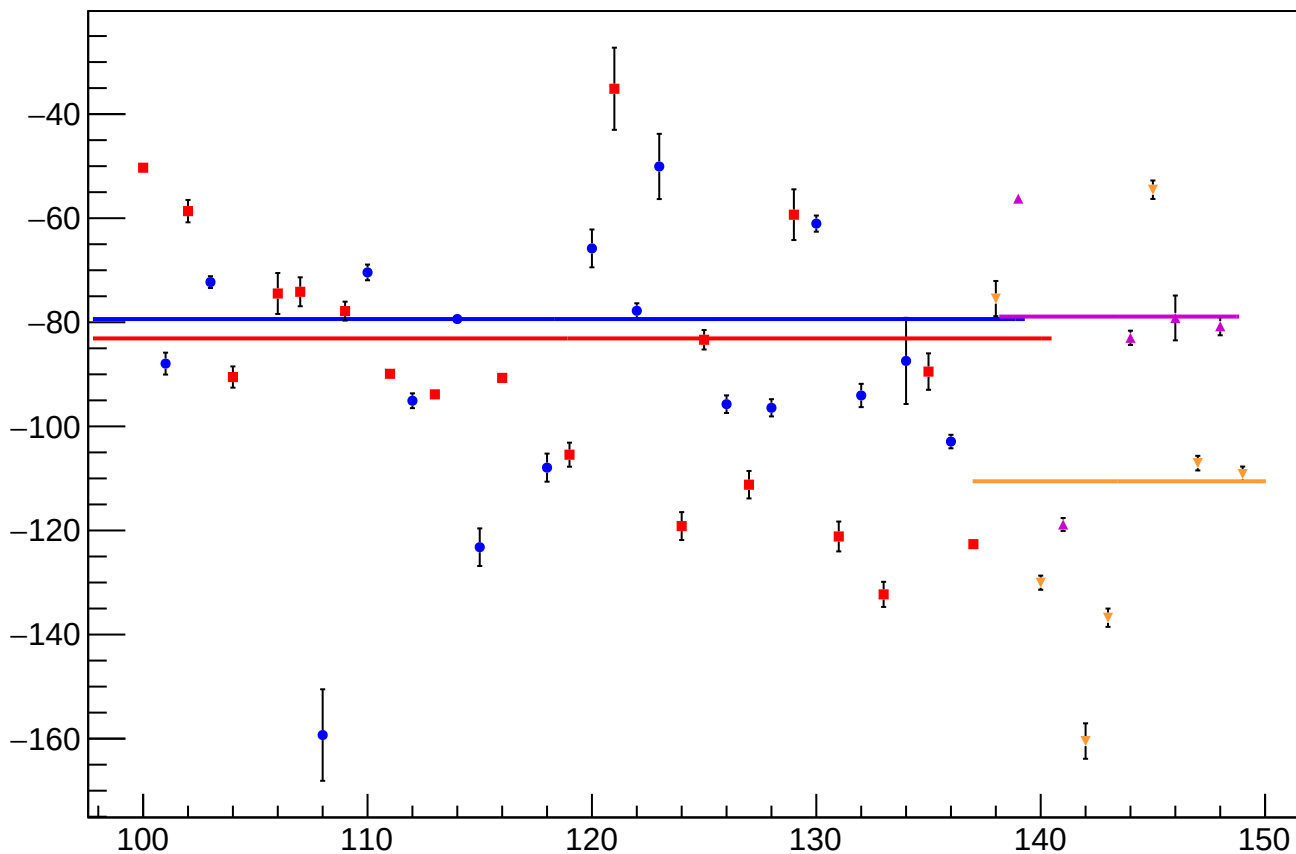
Left In: -29.608 ± 0.601 χ^2/NDF : 2420.2/4

+ sign -26.504 ± 0.000 χ^2/NDF : 3261.5/23

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: -110.553 ± 0.654 χ^2/NDF : 1755.0/6

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

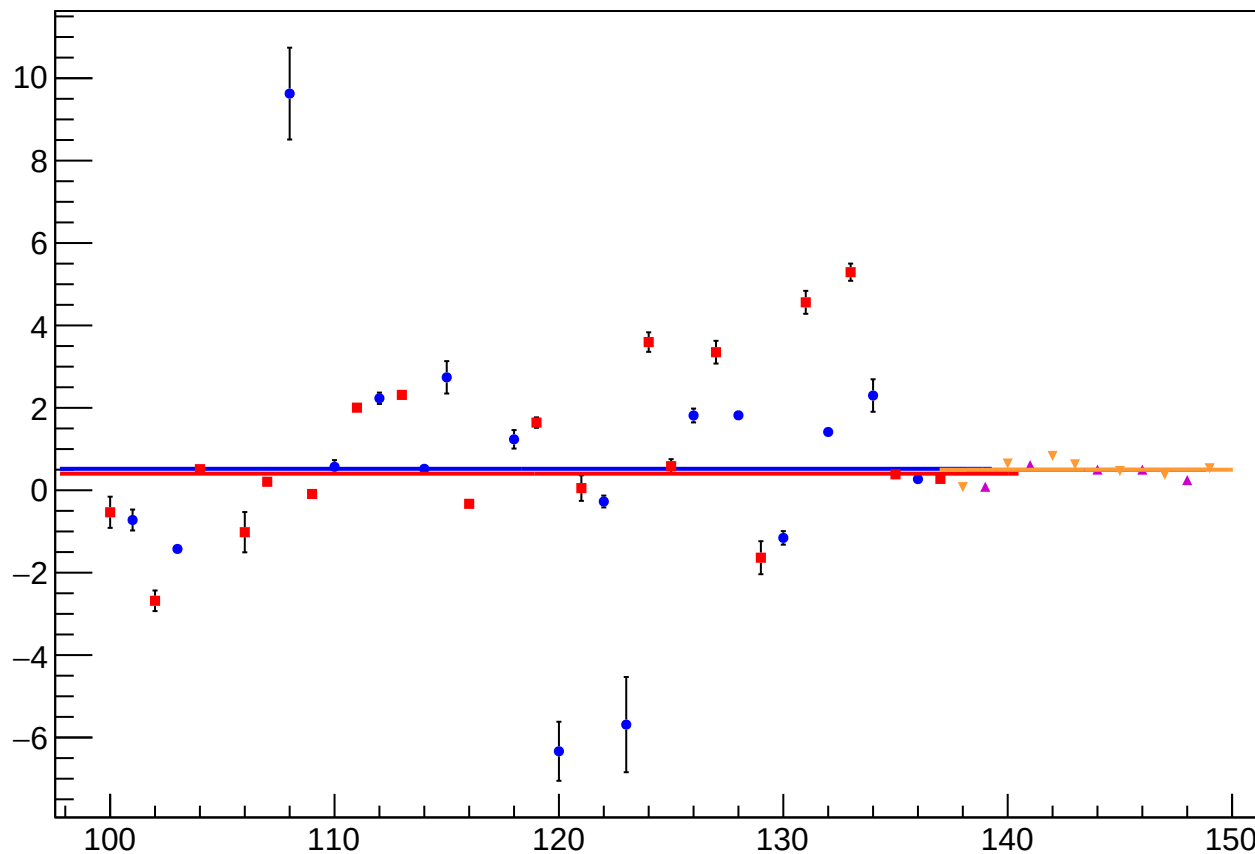
Left In: -78.900 ± 0.596 χ^2/NDF : 1678.1/4

+ sign -79.376 ± 0.000 χ^2/NDF : 5331.3/23

All: -79.376 ± 0.000 χ^2/NDF : 19362.4/47

- sign -82.755 ± 0.171 χ^2/NDF : 13639.5/23

dit_sam3_11X12X_slope vs Slug



Right In: 0.521 $\pm$ 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.498 $\pm$ 0.004 χ^2/NDF : 1264.8/6

Right Out: 0.403 $\pm$ 0.011 χ^2/NDF : 2727.5/18

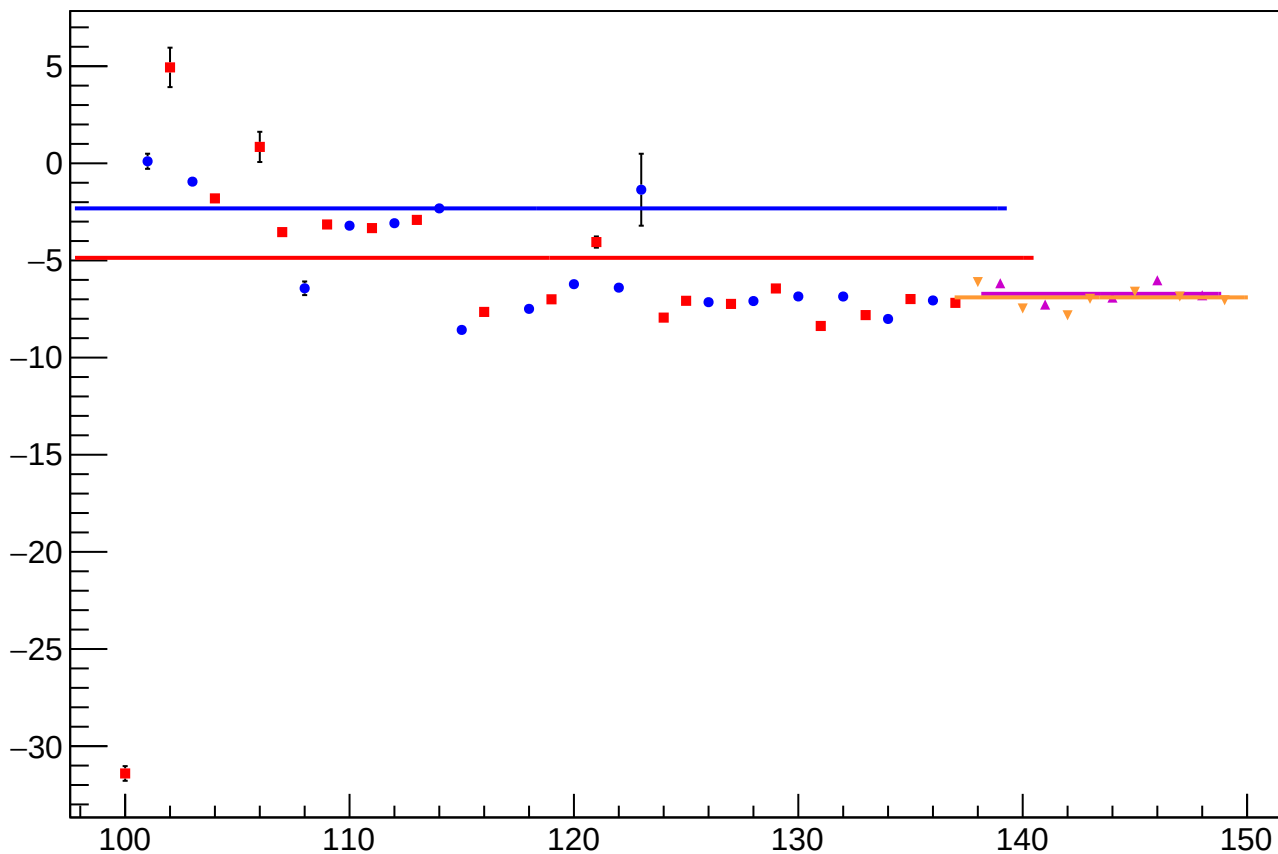
Left In: 0.496 $\pm$ 0.003 χ^2/NDF : 2802.3/4

+ sign 0.521 $\pm$ 0.000 χ^2/NDF : 4660.2/23

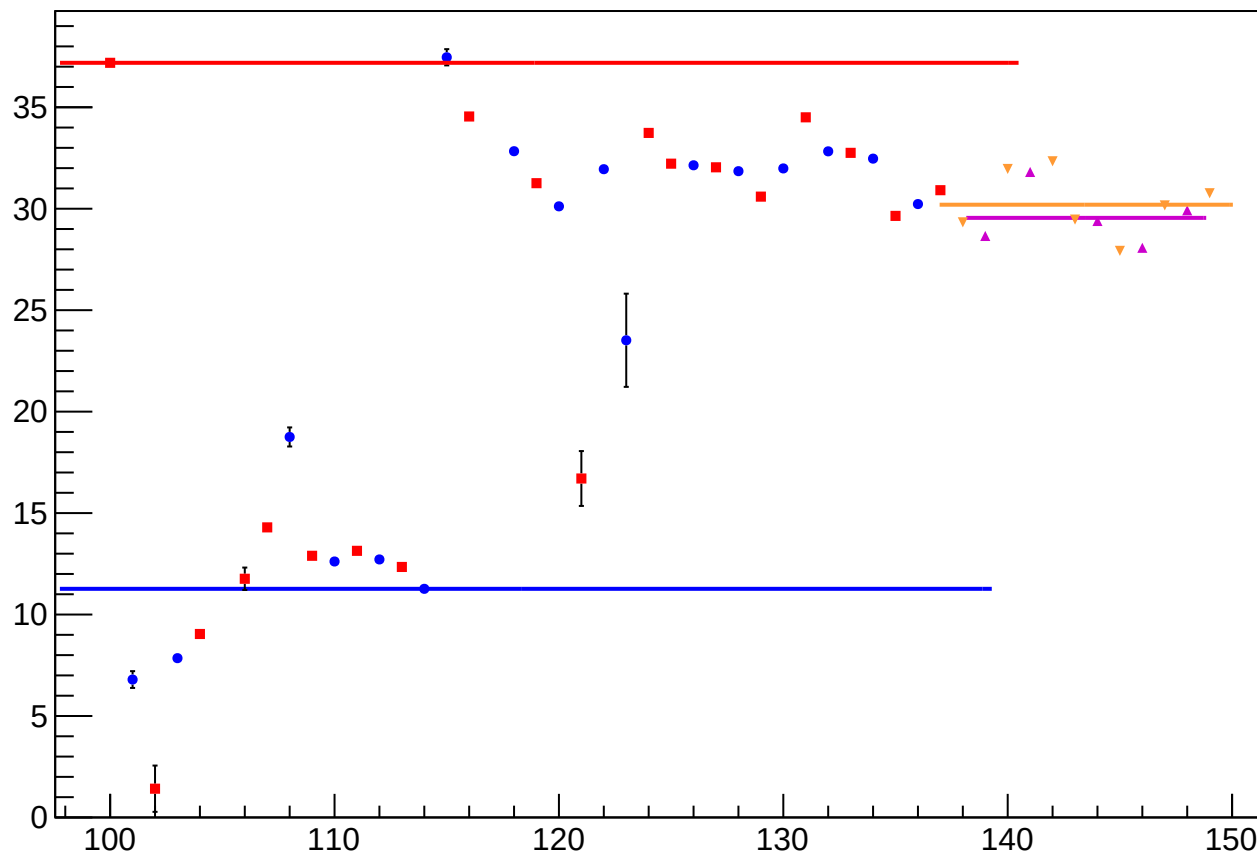
All: 0.521 $\pm$ 0.000 χ^2/NDF : 10361.8/47

- sign 0.487 $\pm$ 0.003 χ^2/NDF : 5595.8/23

dit_sam3_4aY_slope vs Slug



dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 30.198 $\pm$ 0.021 χ^2 /NDF:3959.6/6

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

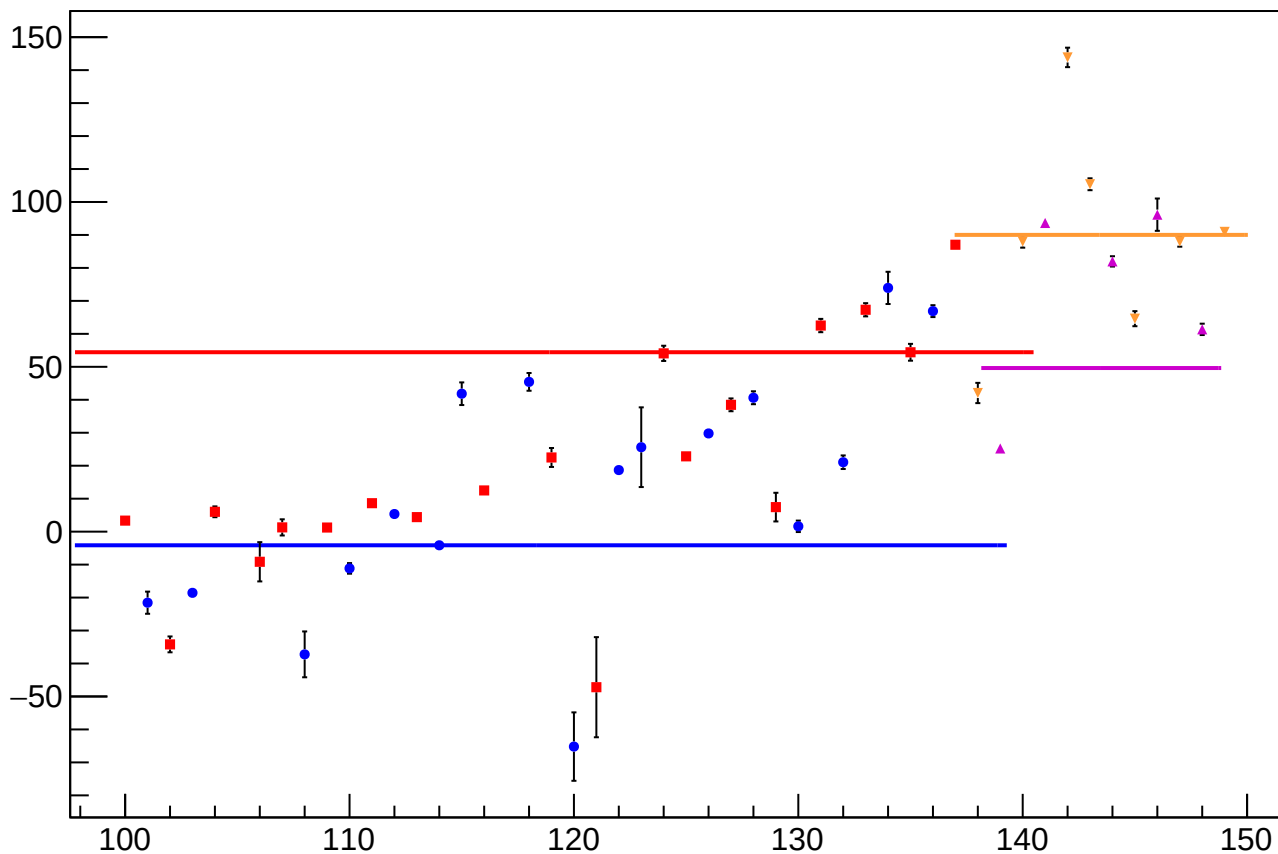
Left In: 29.549 $\pm$ 0.022 χ^2 /NDF:1847.0/4

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 1781760.9/23

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 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: 90.021 ± 0.726 χ^2/NDF : 775.3/6

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

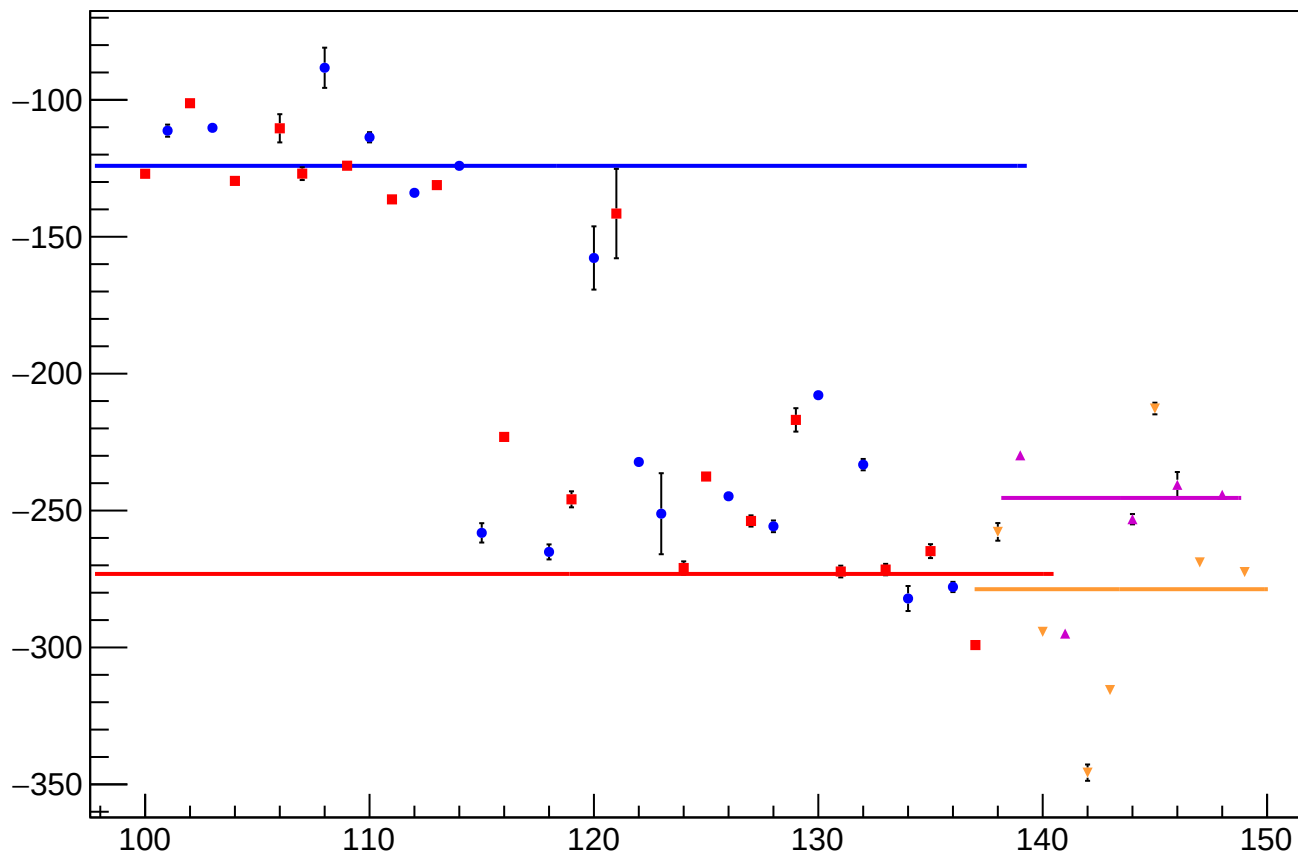
Left In: 49.631 ± 0.553 χ^2/NDF : 2857.2/4

+ sign -4.139 ± 0.000 χ^2/NDF : 22272.5/23

All: -4.139 ± 0.000 χ^2/NDF : 206964.8/47

- 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: -278.721 $\pm$ 0.720 χ^2 /NDF:2052.1/6

Right Out: -273.143 $\pm$ 0.113 χ^2 /NDF: 280141.9/18

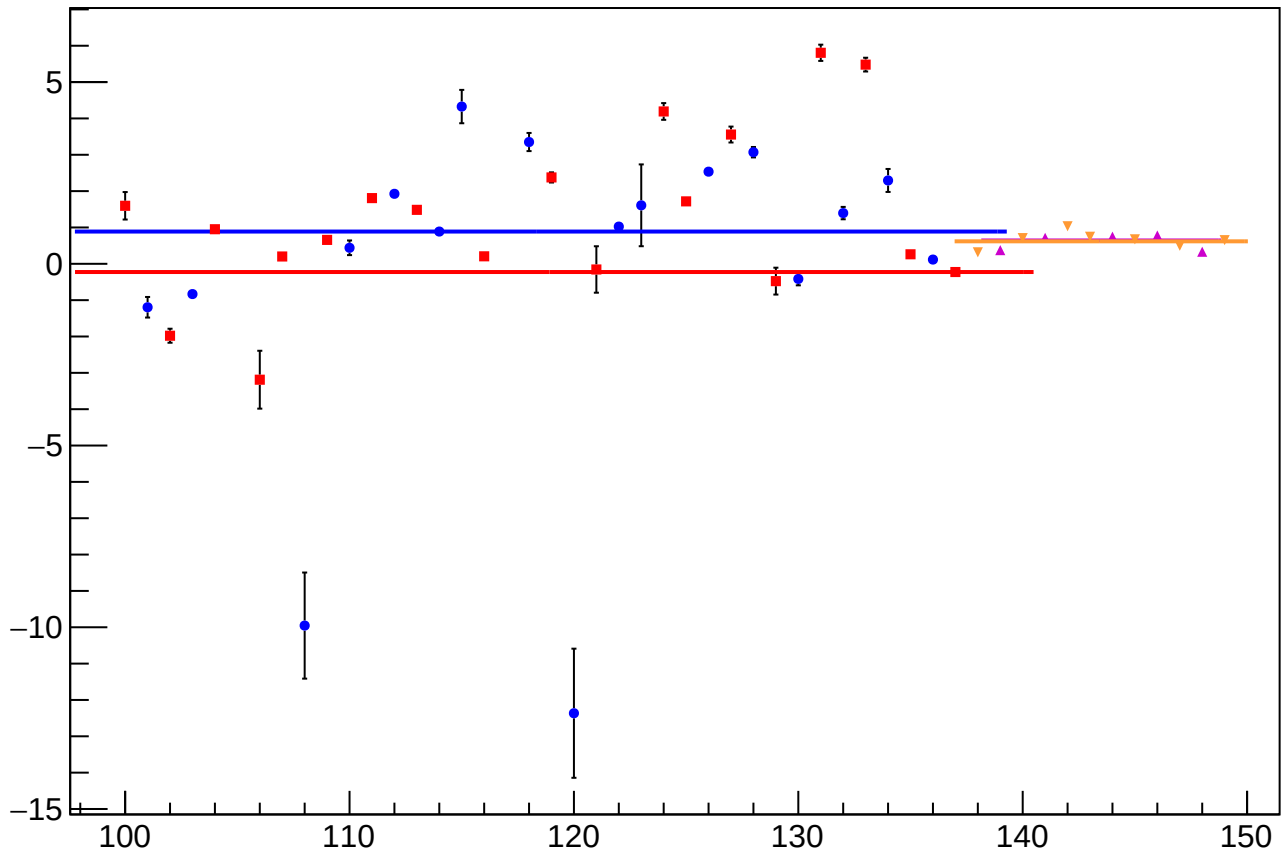
Left In: -245.387 $\pm$ 0.536 χ^2 /NDF:2128.8/4

+ sign -124.095 $\pm$ 0.000 χ^2 /NDF: 86306.1/23

All: -124.095 $\pm$ 0.000 χ^2 /NDF: 2168361.1/47

- 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: 0.619 ± 0.005 χ^2/NDF : 1107.8/6

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

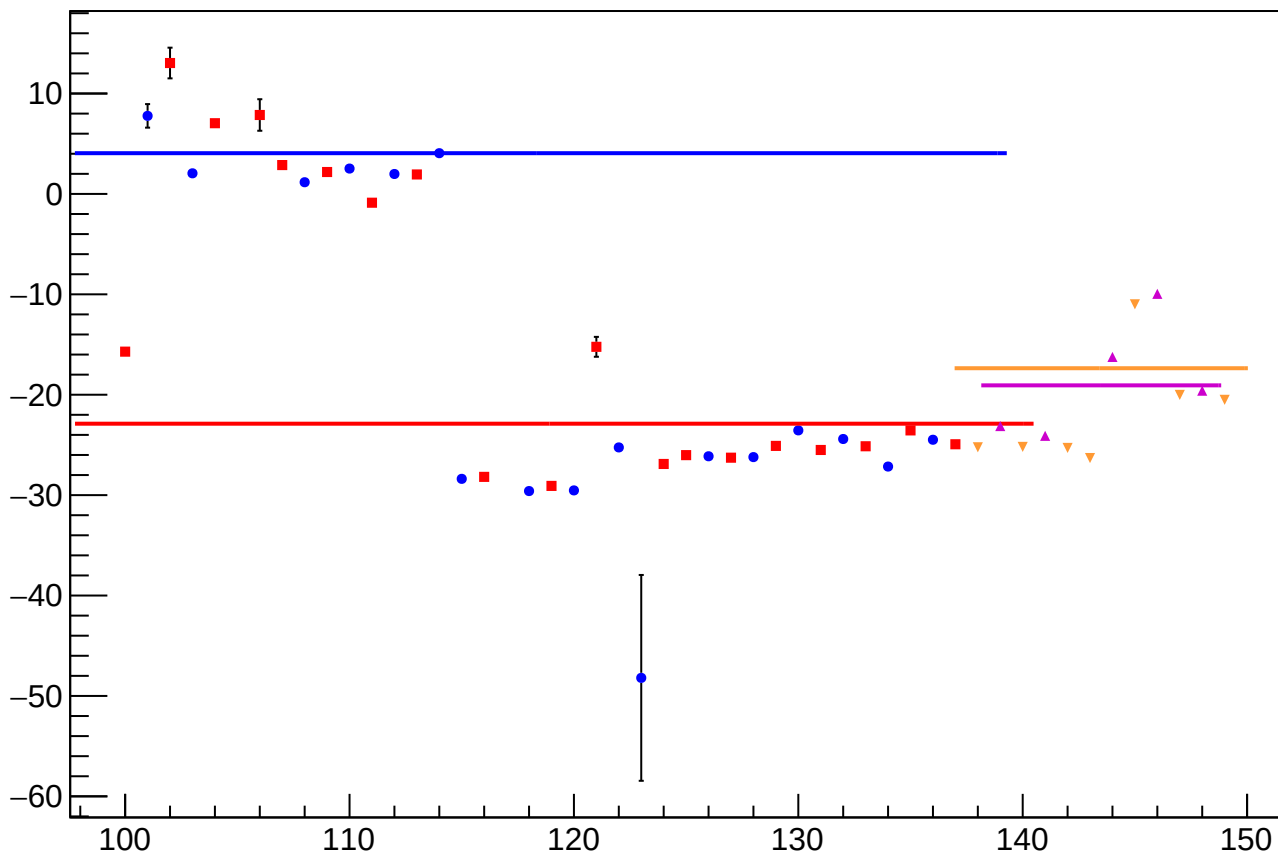
Left In: 0.642 ± 0.005 χ^2/NDF : 1055.9/4

+ sign 0.888 ± 0.000 χ^2/NDF : 12656.5/23

All: 0.888 ± 0.000 χ^2/NDF : 42227926.5/47

- 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: -17.360 ± 0.023 χ^2/NDF : 70134.4/6

Right Out: -22.885 ± 0.026 χ^2/NDF : 116508.9/18

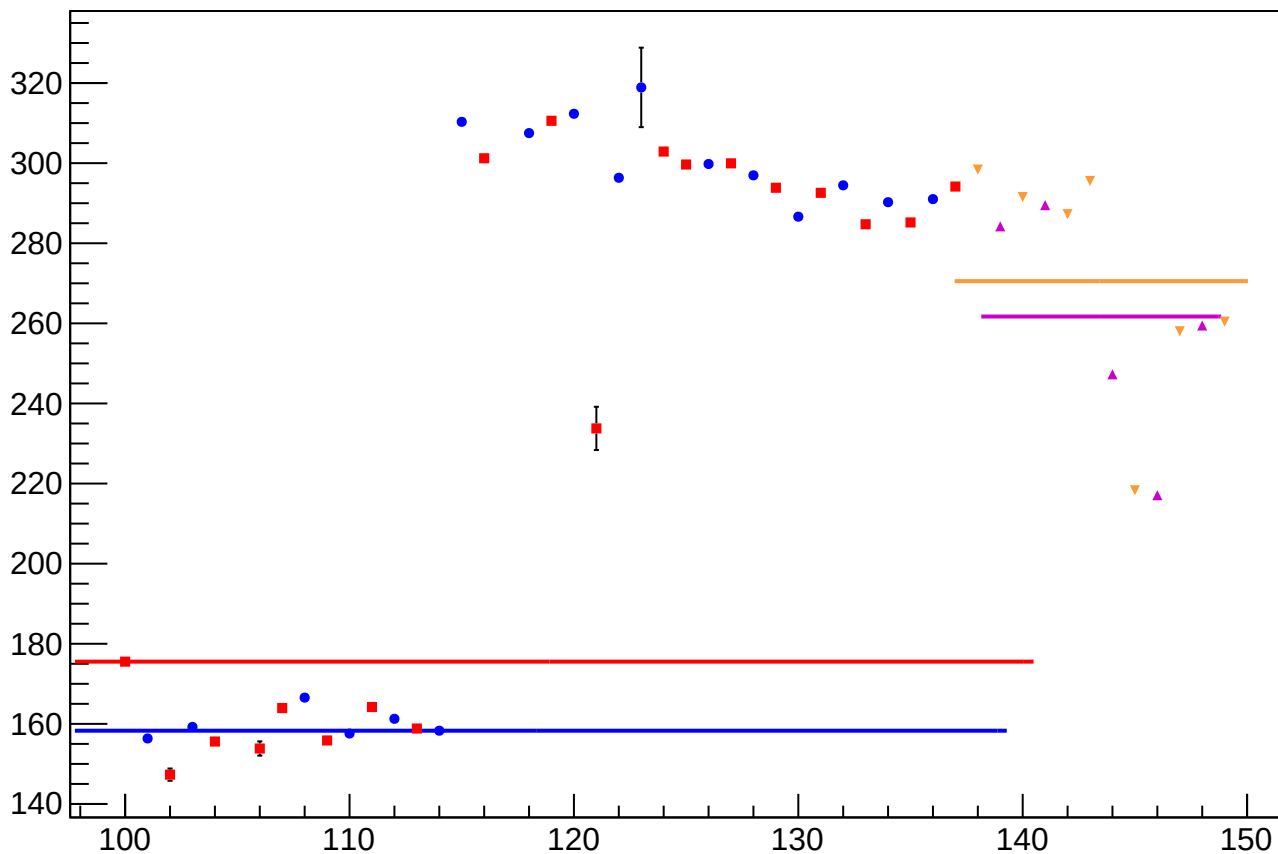
Left In: -19.066 ± 0.040 χ^2/NDF : 16758.4/4

+ sign 4.057 ± 0.000 χ^2/NDF : 2191742.2/23

All: 4.057 ± 0.000 χ^2/NDF : 3713902.2/47

- 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: 270.545+/-0.065 χ^2/NDF :169749.9/6

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

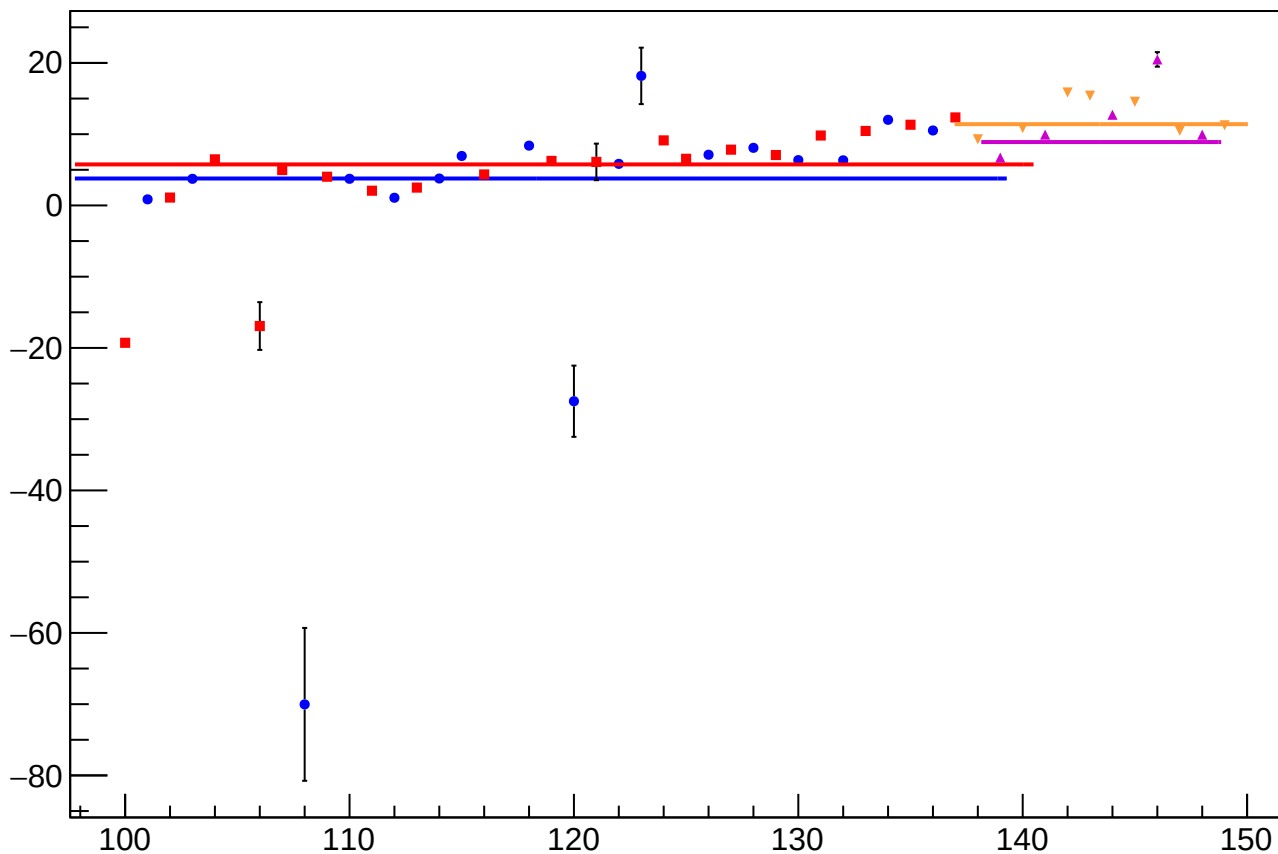
Left In: 261.707+/-0.082 χ^2/NDF :36626.4/4

+ sign 158.293+/-0.000 χ^2/NDF : 5521966.4/23

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: 11.405 ± 0.049 χ^2/NDF : 723.4/6

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

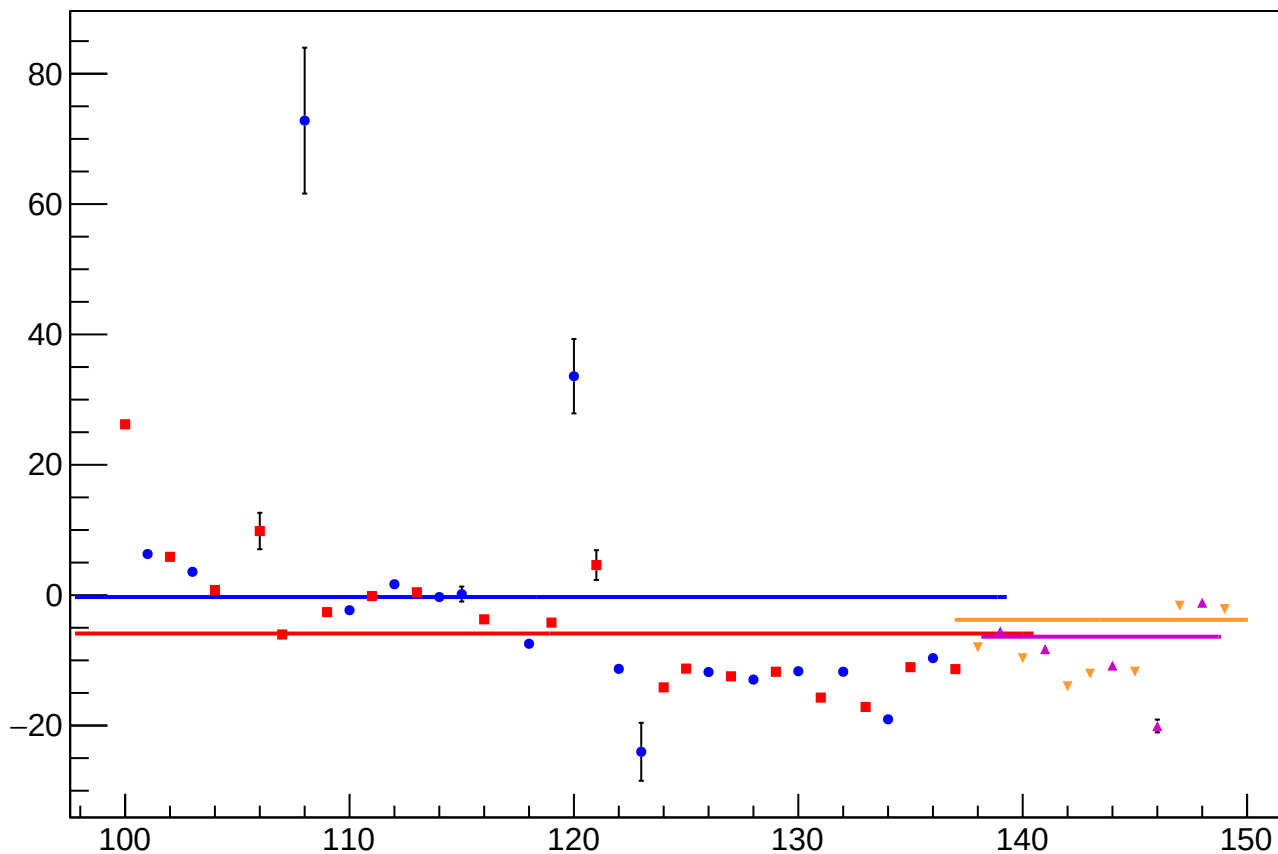
Left In: 8.896 ± 0.057 χ^2/NDF : 1394.8/4

+ sign 3.778 ± 0.000 χ^2/NDF : 31549.1/23

All: 3.778 ± 0.000 χ^2/NDF : 69124.7/47

- 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: -3.782 ± 0.049 χ^2/NDF : 5455.8/6

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

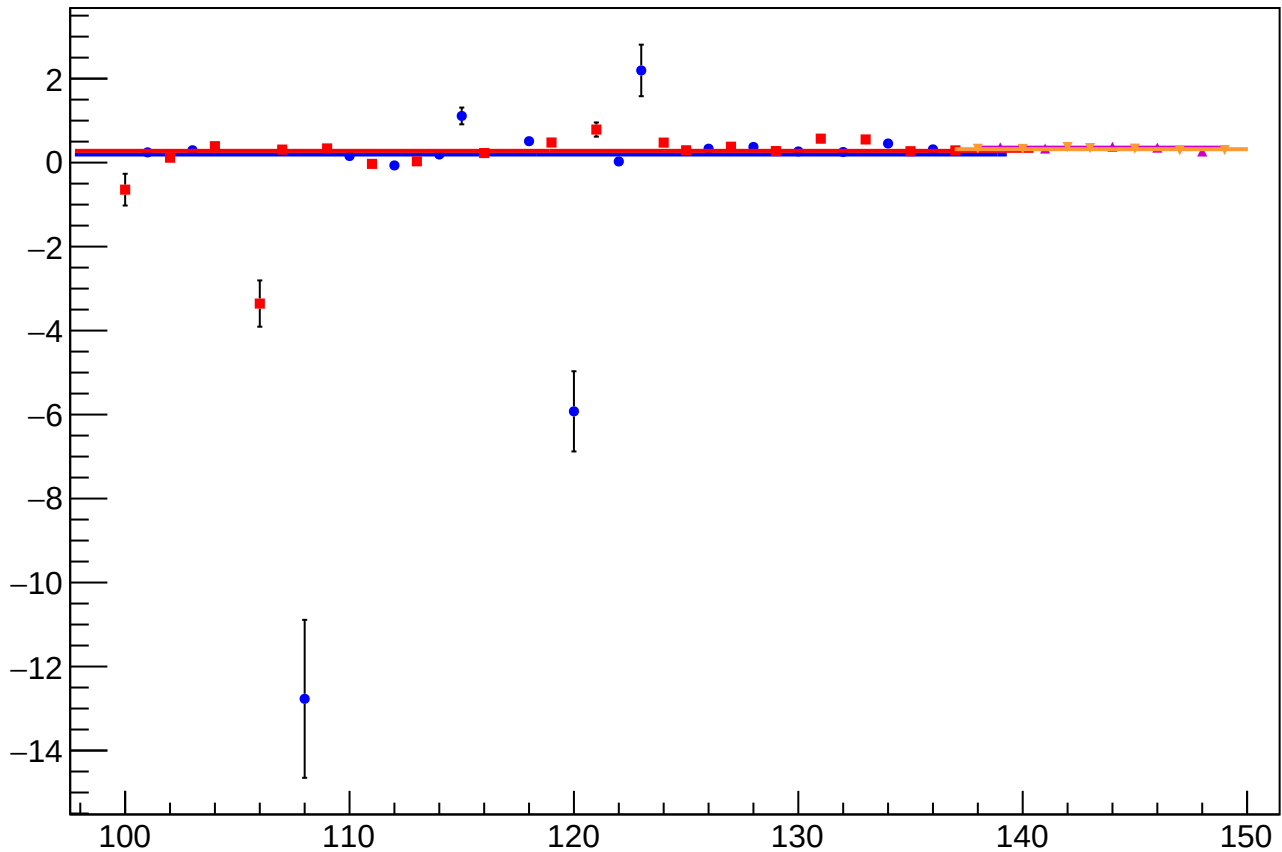
Left In: -6.372 ± 0.060 χ^2/NDF : 2580.9/4

+ sign -0.287 ± 0.000 χ^2/NDF : 54801.9/23

All: -0.287 ± 0.000 χ^2/NDF : 173418.6/47

- 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: 0.320 $\pm$ 0.001 χ^2 /NDF: 563.2/6

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

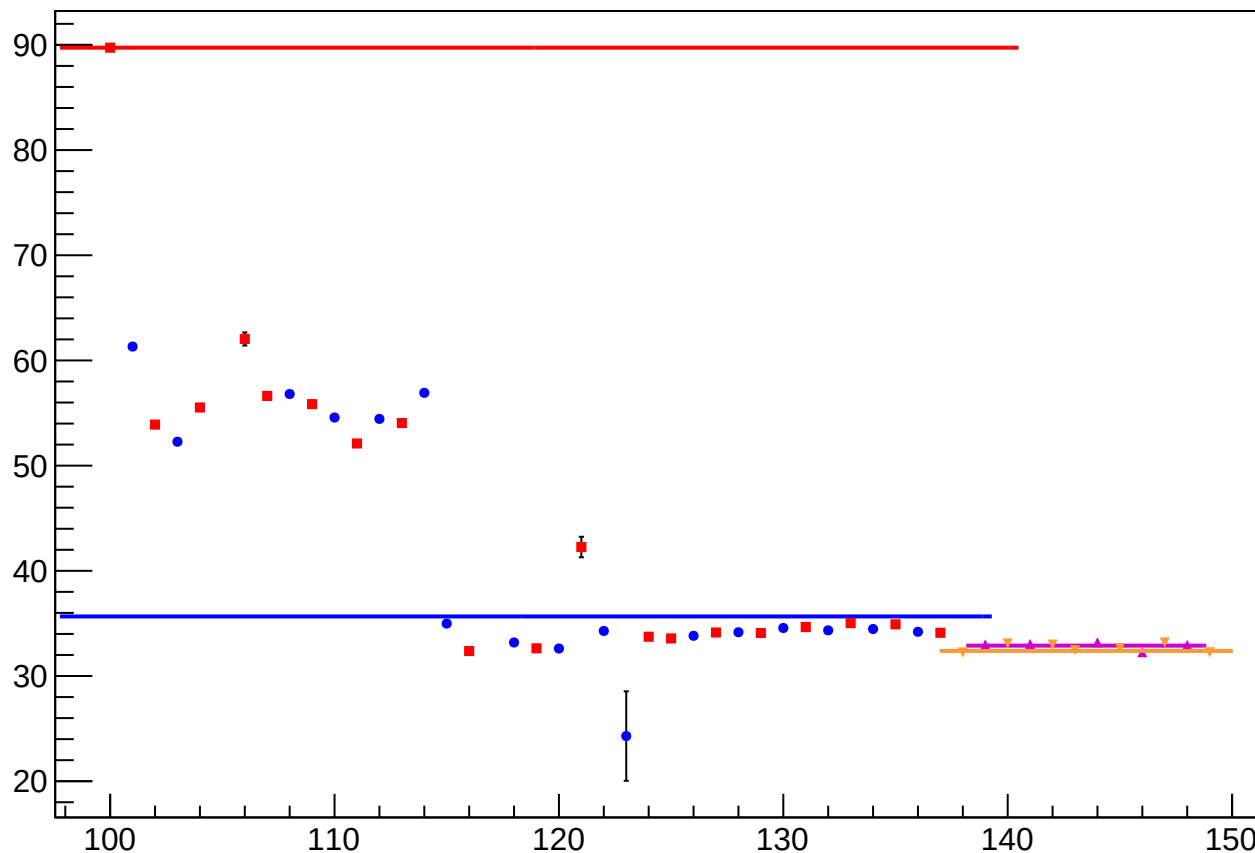
Left In: 0.356 $\pm$ 0.001 χ^2 /NDF: 1273.3/4

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 29450.4/23

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 59662.5/47

- sign 0.327 $\pm$ 0.001 χ^2 /NDF: 8953.5/23

dit_sam5_4aY_slope vs Slug



Right In: 35.664 ± 0.011 $\chi^2/\text{NDF}: 218662.5/16$

Left Out: 32.386 ± 0.007 $\chi^2/\text{NDF}: 1466.7/6$

Right Out: 89.735 ± 0.000 $\chi^2/\text{NDF}: 25801560.6/18$

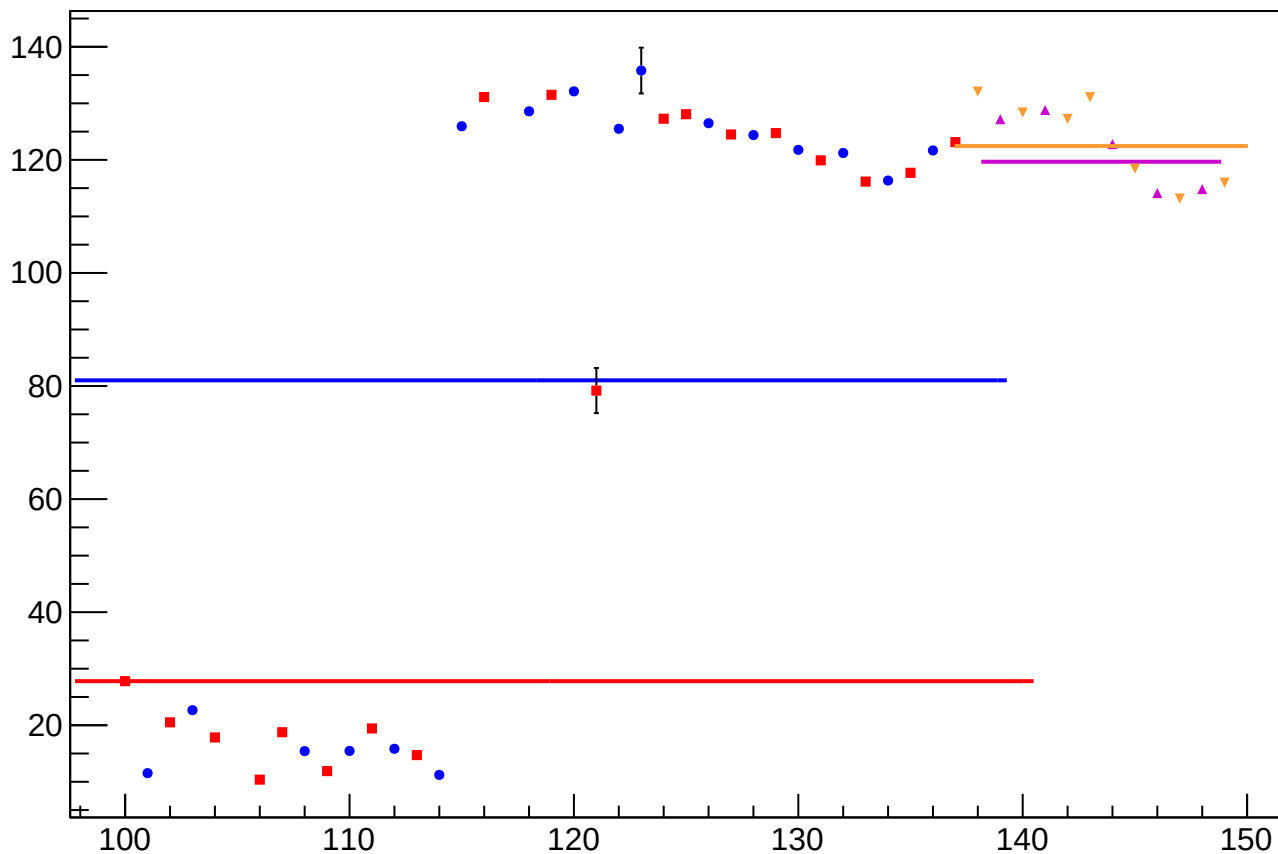
Left In: 32.889 ± 0.013 $\chi^2/\text{NDF}: 832.6/4$

+ sign 33.249 ± 0.006 $\chi^2/\text{NDF}: 281412.8/23$

All: 89.735 ± 0.000 $\chi^2/\text{NDF}: 140078275.7/47$

- sign 89.735 ± 0.000 $\chi^2/\text{NDF}: 46029681.4/23$

dit_sam5_4eY_slope vs Slug



Right In: 81.005 ± 0.035 χ^2/NDF : 2228881.4/16

Left Out: 122.450 ± 0.025 χ^2/NDF : 78245.4/6

Right Out: 27.798 ± 0.000 χ^2/NDF : 9183707.8/18

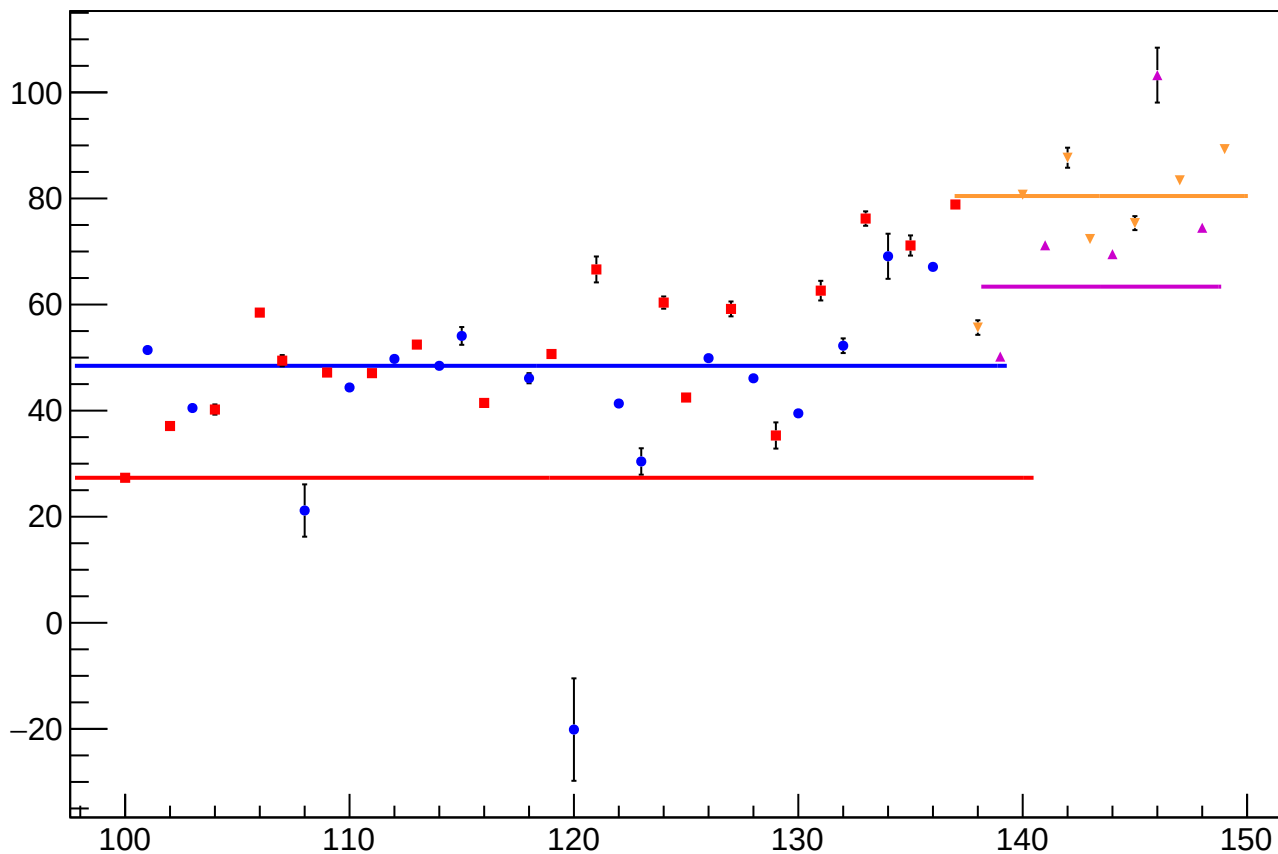
Left In: 119.672 ± 0.039 χ^2/NDF : 26087.0/4

+ sign 107.969 ± 0.020 χ^2/NDF : 3244265.7/23

All: 27.798 ± 0.000 χ^2/NDF : 33543571.2/47

- sign 27.798 ± 0.000 χ^2/NDF : 14873435.4/23

dit_sam6_4aX_slope vs Slug



Right In: 48.450 ± 0.000 χ^2/NDF : 2751.4/16

Left Out: 80.460 ± 0.329 χ^2/NDF : 658.2/6

Right Out: 27.342 ± 0.000 χ^2/NDF : 25810.4/18

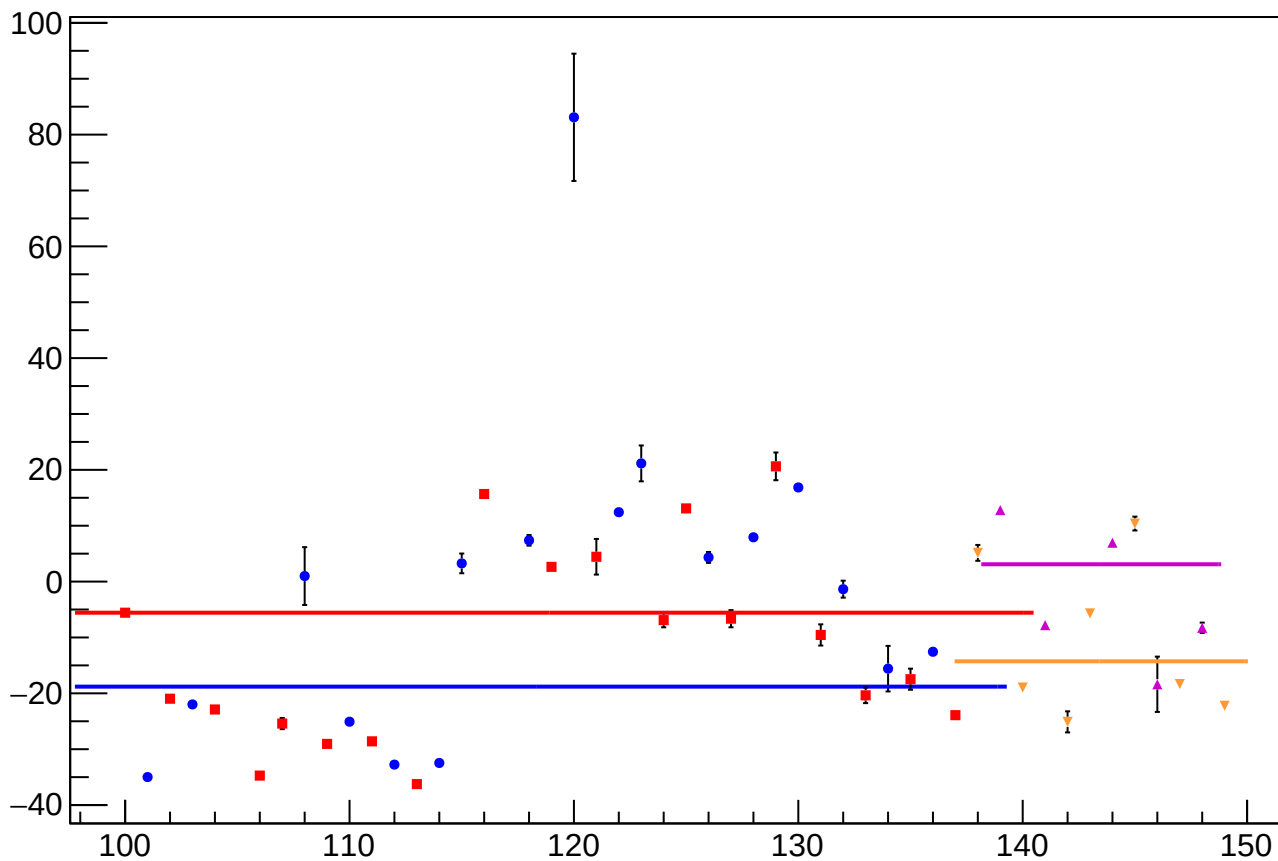
Left In: 63.374 ± 0.312 χ^2/NDF : 1139.1/4

+ sign 48.450 ± 0.000 χ^2/NDF : 12859.8/23

All: 28.365 ± 0.000 χ^2/NDF : 1026290104888

- sign 27.342 ± 0.000 χ^2/NDF : 40292.8/23

dit_sam6_4eX_slope vs Slug



Right In: -18.800 $\pm$ 0.148 χ^2/NDF : 11764.7/16

Left Out: -14.268 $\pm$ 0.325 χ^2/NDF : 962.2/6

Right Out: -5.568 $\pm$ 0.000 χ^2/NDF : 23097.3/18

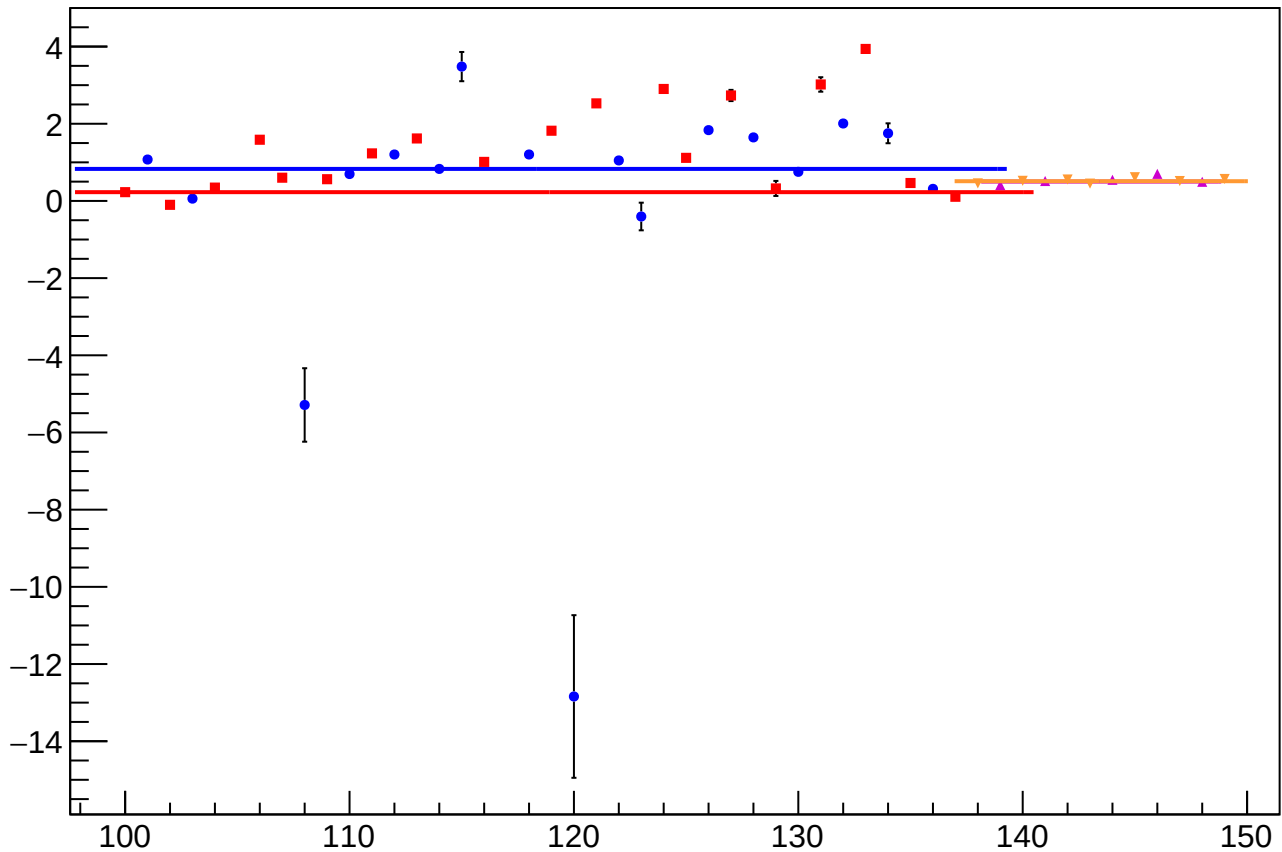
Left In: 3.101 $\pm$ 0.307 χ^2/NDF : 958.4/4

+ sign -18.019 $\pm$ 0.135 χ^2/NDF : 12887.6/23

All: -5.568 $\pm$ 0.000 χ^2/NDF : 46241.7/47

- sign -5.568 $\pm$ 0.000 χ^2/NDF : 24852.6/23

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.511 ± 0.002 χ^2/NDF : 486.6/6

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

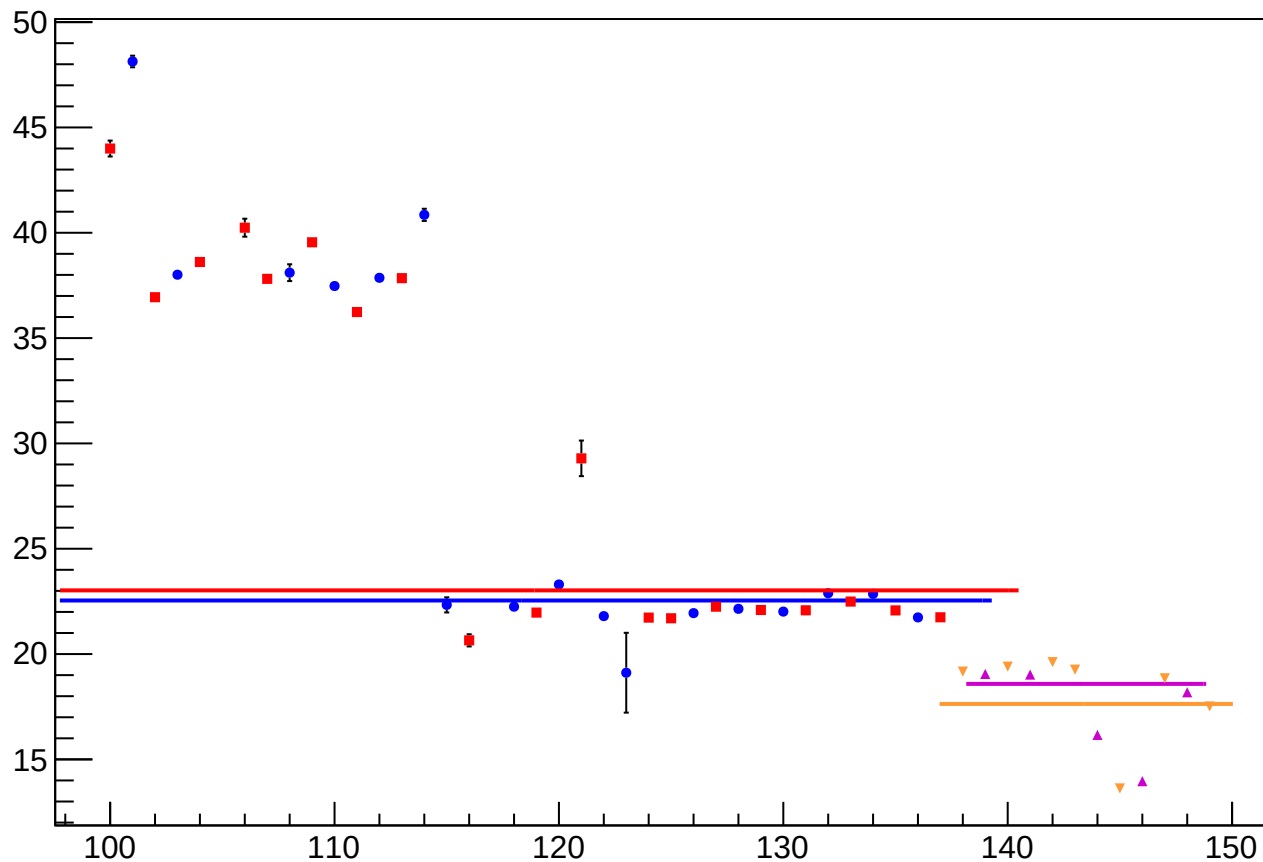
Left In: 0.502 ± 0.003 χ^2/NDF : 439.8/4

+ sign 0.830 ± 0.000 χ^2/NDF : 38525.2/23

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: 17.632 $\pm$ 0.009 χ^2 /NDF: 67798.1/6

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

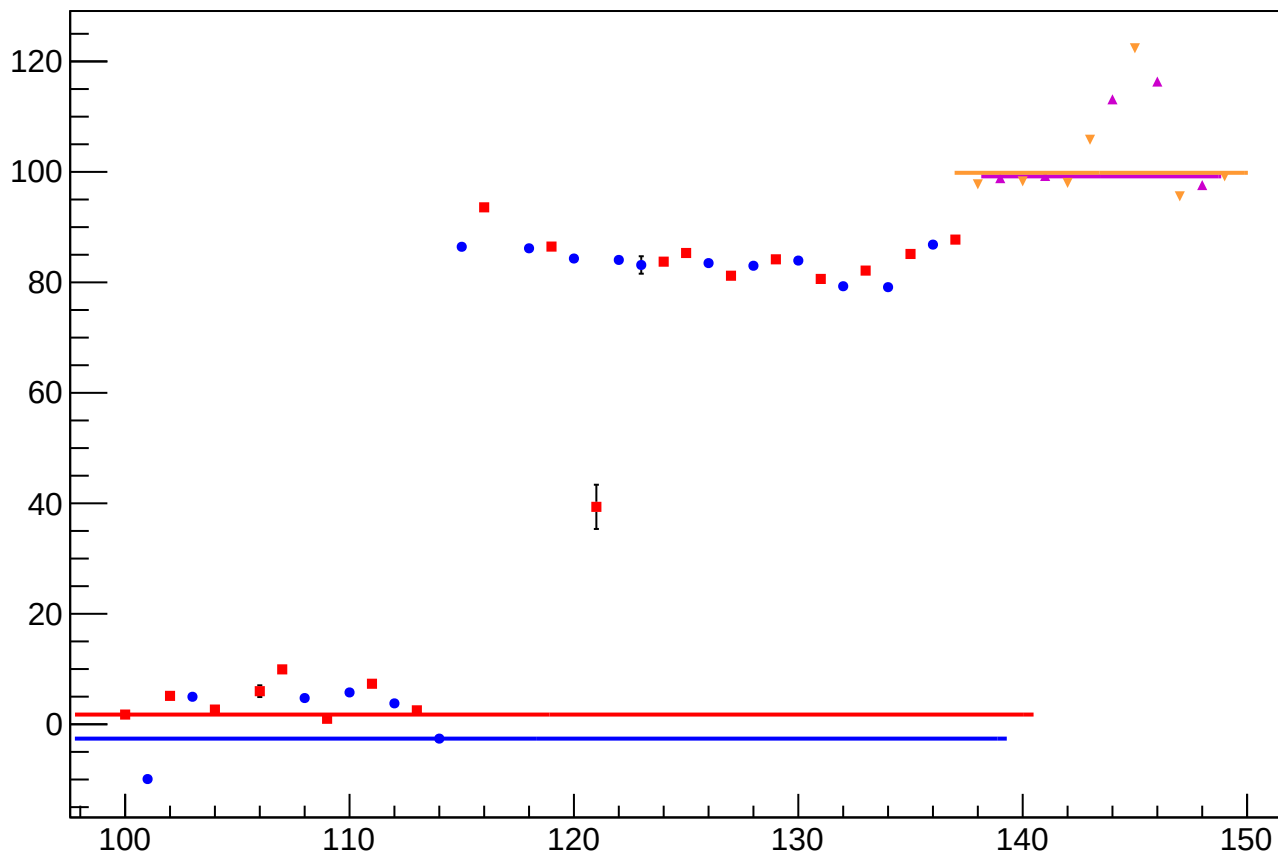
Left In: 18.584 $\pm$ 0.015 χ^2 /NDF: 7371.1/4

+ sign 20.012 $\pm$ 0.006 χ^2 /NDF: 316649.2/23

All: 20.763 $\pm$ 0.005 χ^2 /NDF: 586866.8/47

- 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: 99.836+/-0.018 χ^2/NDF : 56965.9/6

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

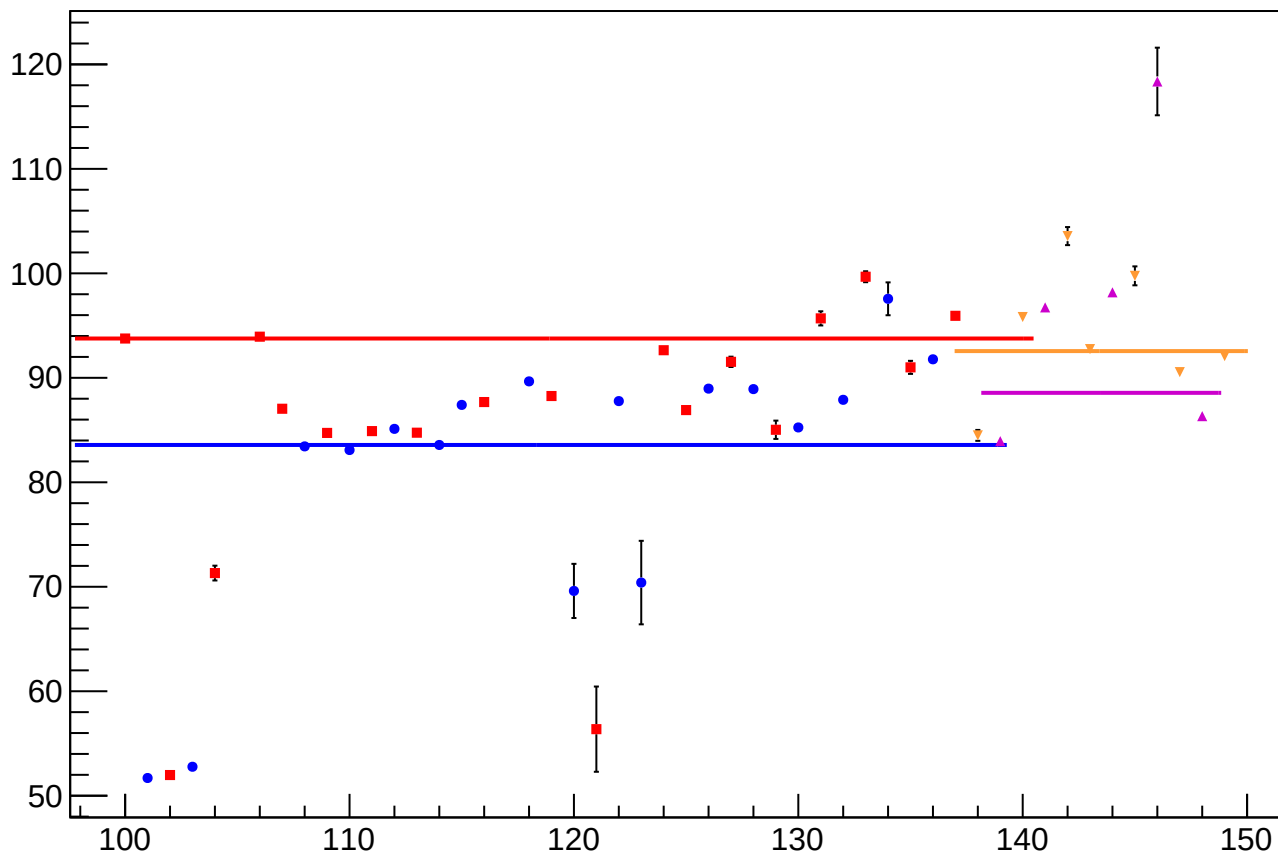
Left In: 99.190+/-0.028 χ^2/NDF : 5281.2/4

+ sign -2.596+/-0.000 χ^2/NDF : 40468943.0/23

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 χ^2 /NDF: 49468.0/16

Left Out: 92.558+/-0.132 χ^2 /NDF:634.7/6

Right Out: 93.762+/-0.000 χ^2 /NDF: 82848.8/18

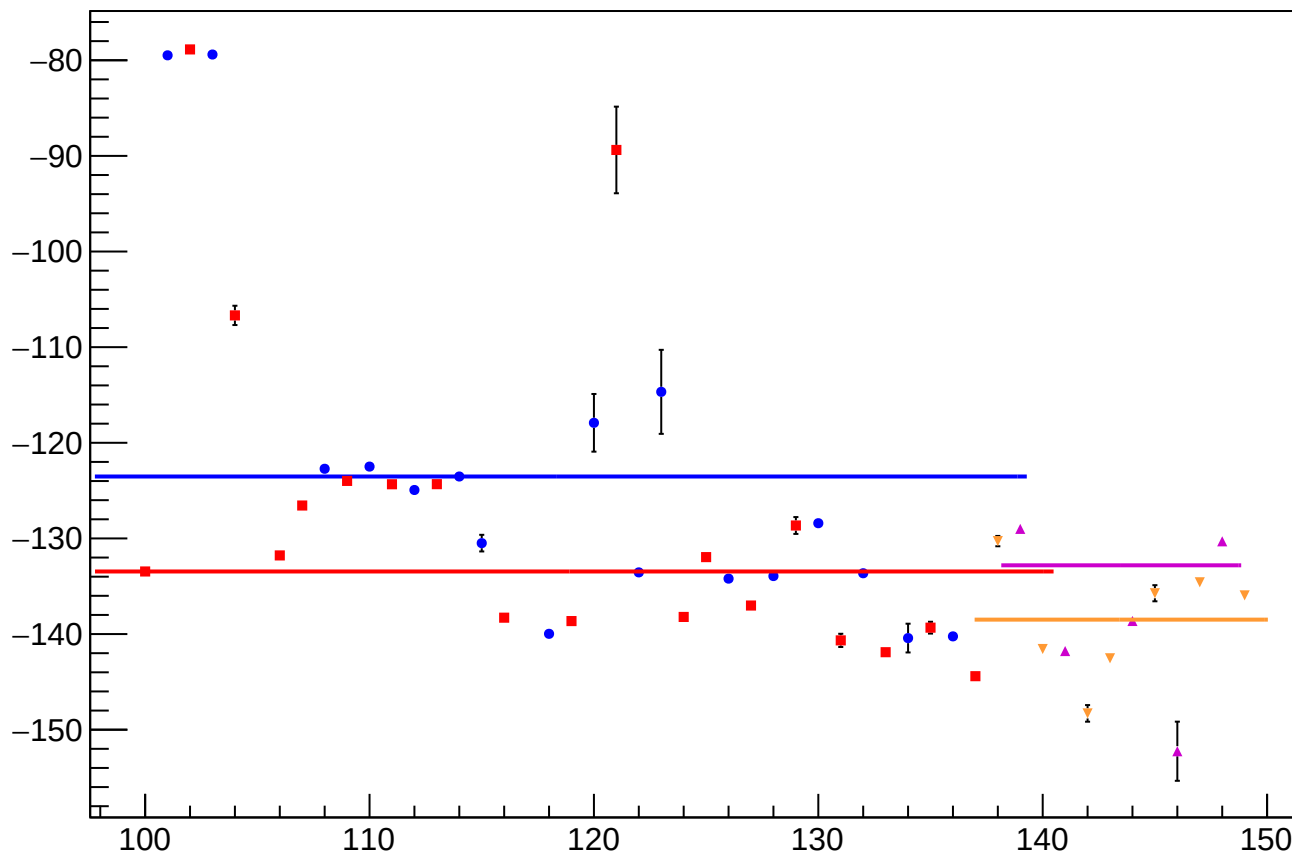
Left In: 88.562+/-0.132 χ^2 /NDF:2152.9/4

+ sign 83.573+/-0.000 χ^2 /NDF: 54767.0/23

All: 87.169+/-0.000 χ^2 /NDF: 1995684404141

- sign 93.762+/-0.000 χ^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: -138.491 ± 0.131 χ^2/NDF : 1020.5/6

Right Out: -133.456 ± 0.000 χ^2/NDF : 394896.3/18

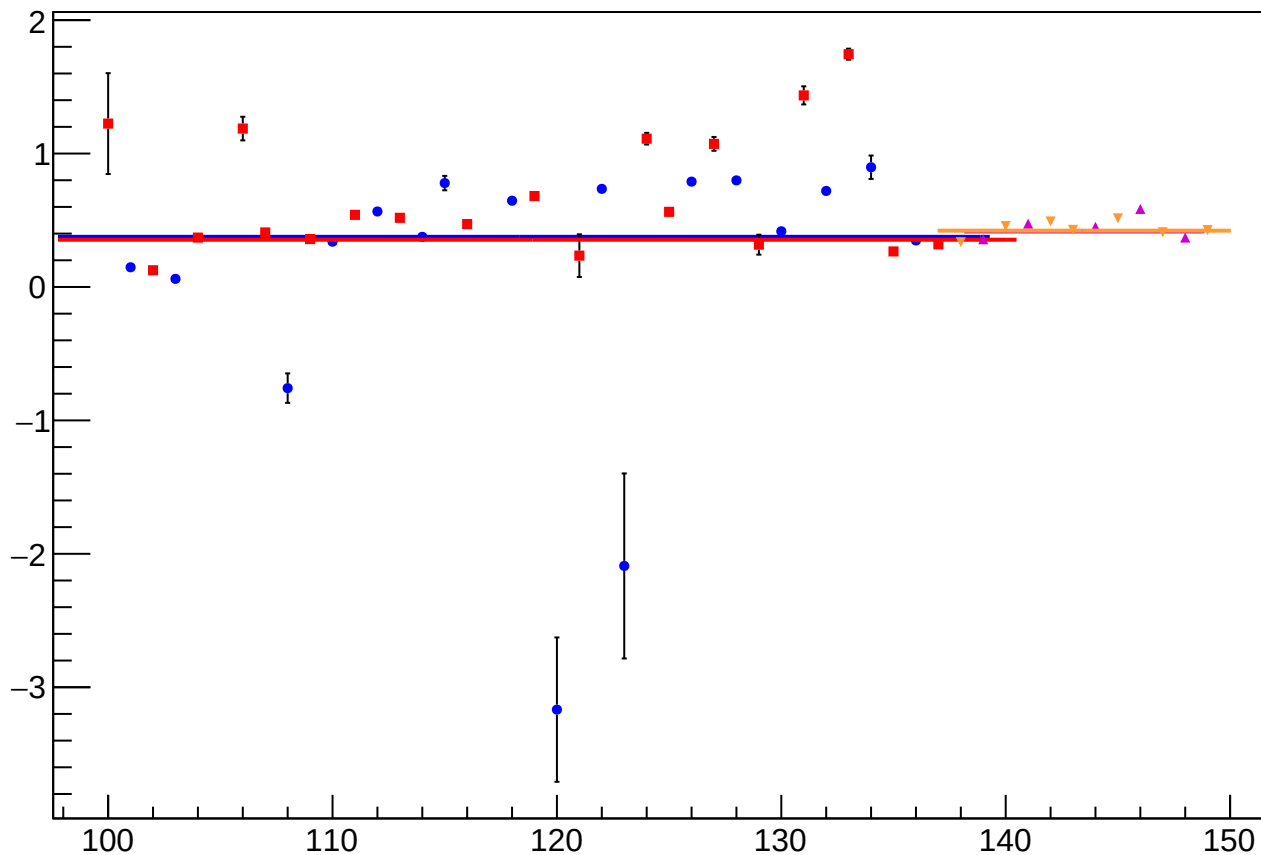
Left In: -132.811 ± 0.127 χ^2/NDF : 1737.8/4

+ sign -123.524 ± 0.000 χ^2/NDF : 174512.0/23

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: 0.422 $\pm$ 0.001 χ^2 /NDF: 769.4/6

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

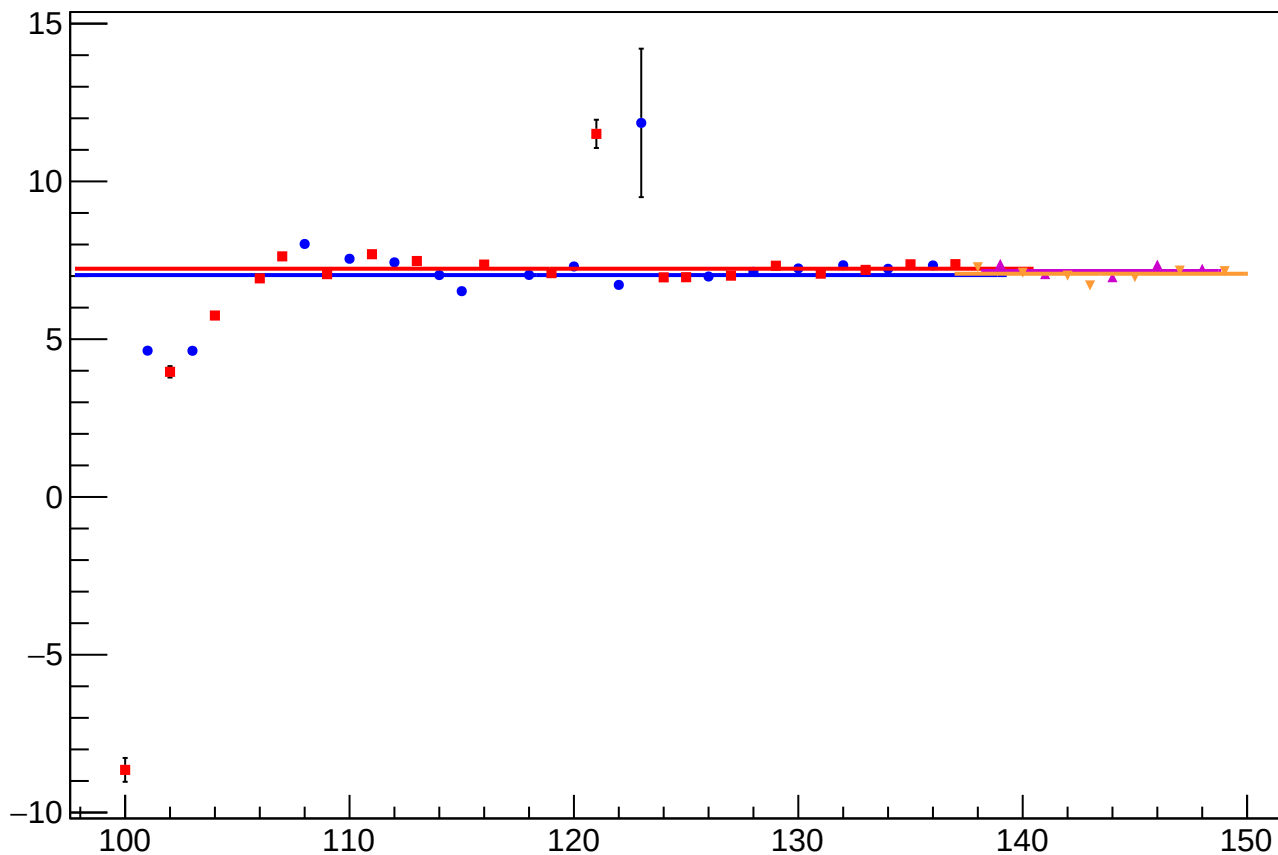
Left In: 0.416 $\pm$ 0.001 χ^2 /NDF: 2833.8/4

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 7485.3/23

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 16626.8/47

- 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: 7.074 ± 0.002 χ^2/NDF : 11638.0/6

Right Out: 7.233 ± 0.002 χ^2/NDF : 10061.8/18

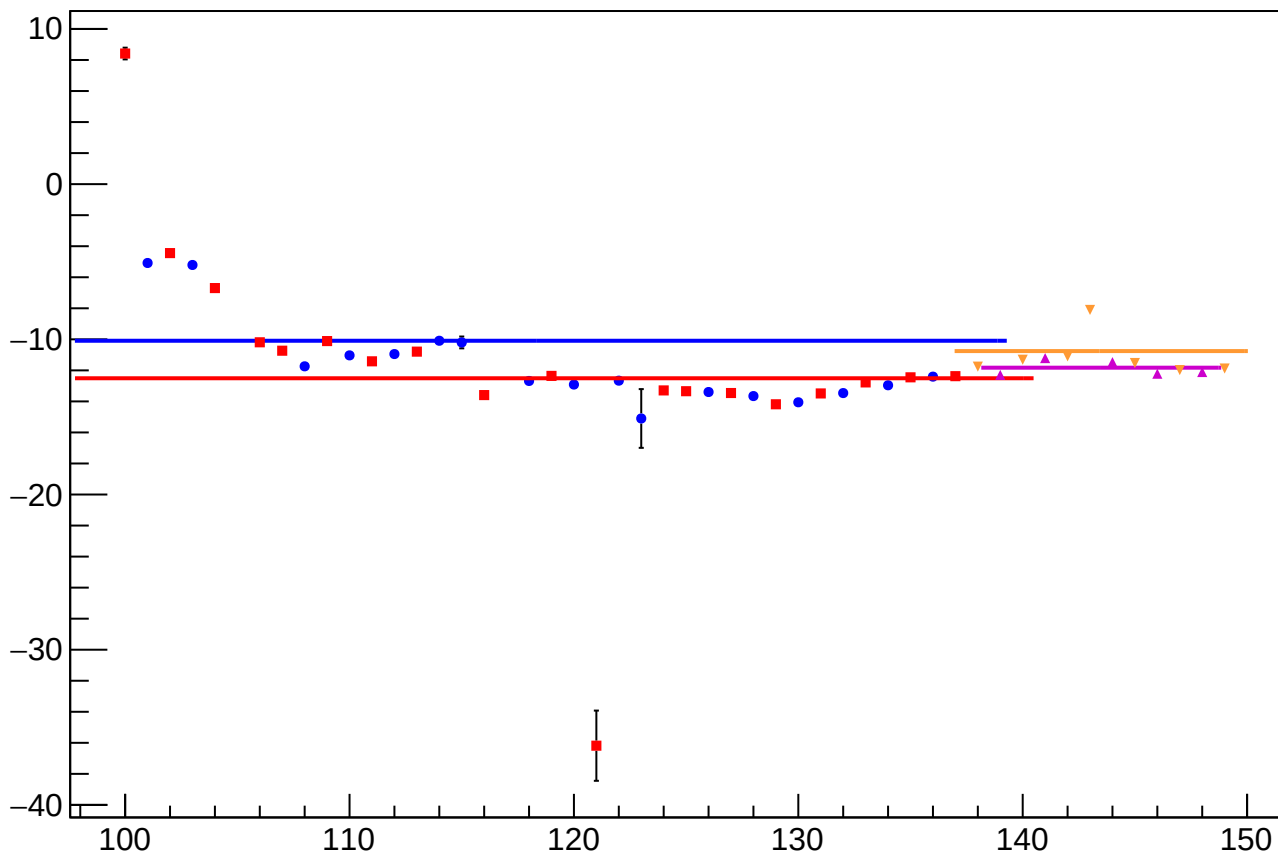
Left In: 7.160 ± 0.002 χ^2/NDF : 6209.3/4

+ sign 7.032 ± 0.000 χ^2/NDF : 32078.7/23

All: 7.032 ± 0.000 χ^2/NDF : 59198.9/47

- sign 7.192 ± 0.002 χ^2/NDF : 16800.0/23

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -10.757 ± 0.003 χ^2/NDF : 278822.1/6

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

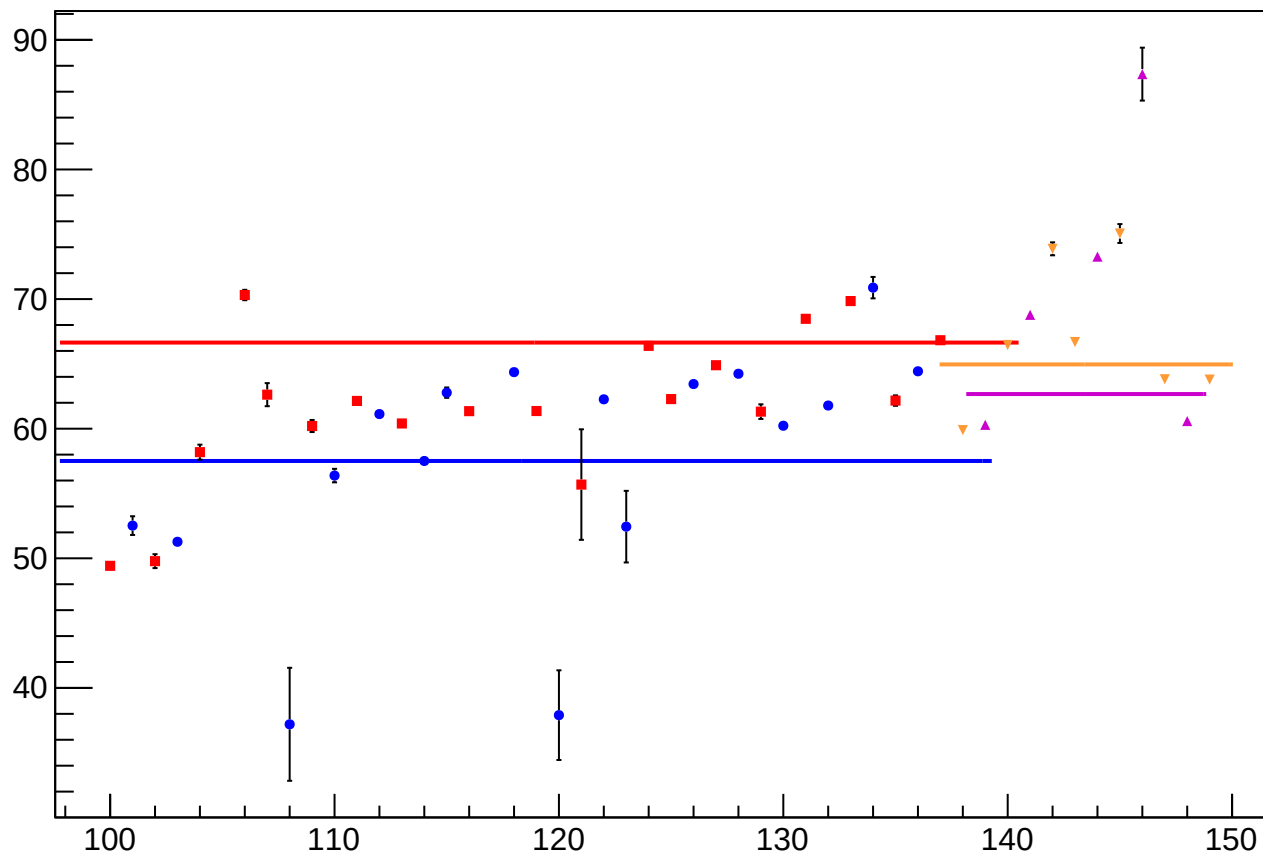
Left In: -11.827 ± 0.005 χ^2/NDF : 7264.8/4

+ sign -10.092 ± 0.000 χ^2/NDF : 865236.6/23

All: -10.092 ± 0.000 χ^2/NDF : 1520805.9/47

- sign -12.252 ± 0.003 χ^2/NDF : 123216.6/23

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 64.958 ± 0.084 χ^2/NDF : 1057.4/6

Right Out: 66.645 ± 0.013 χ^2/NDF : 8163.8/18

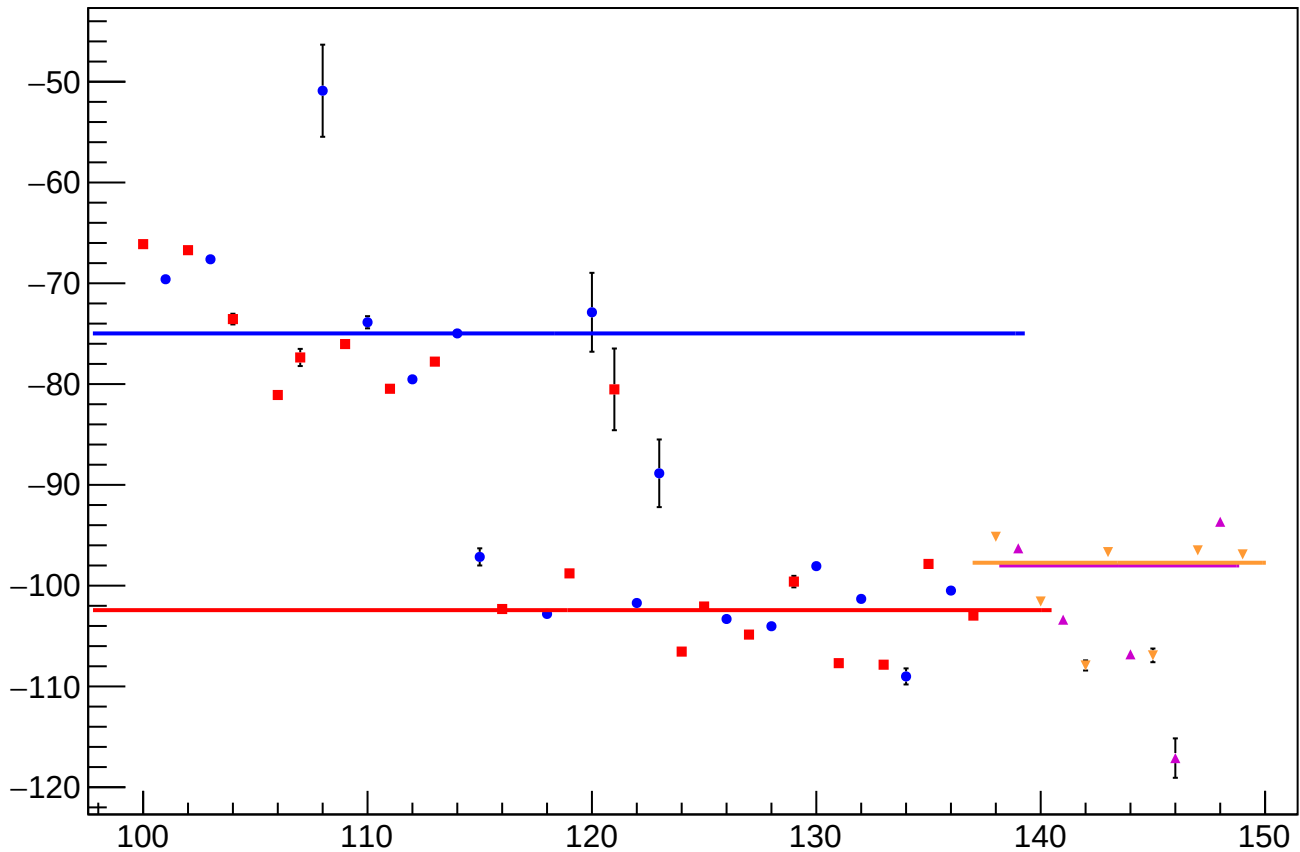
Left In: 62.673 ± 0.086 χ^2/NDF : 2502.0/4

+ sign 57.510 ± 0.000 χ^2/NDF : 16947.5/23

All: 57.510 ± 0.000 χ^2/NDF : 519378.3/47

- sign 66.555 ± 0.013 χ^2/NDF : 12747.4/23

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -97.726 ± 0.085 $\chi^2/\text{NDF}: 1061.8/6$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

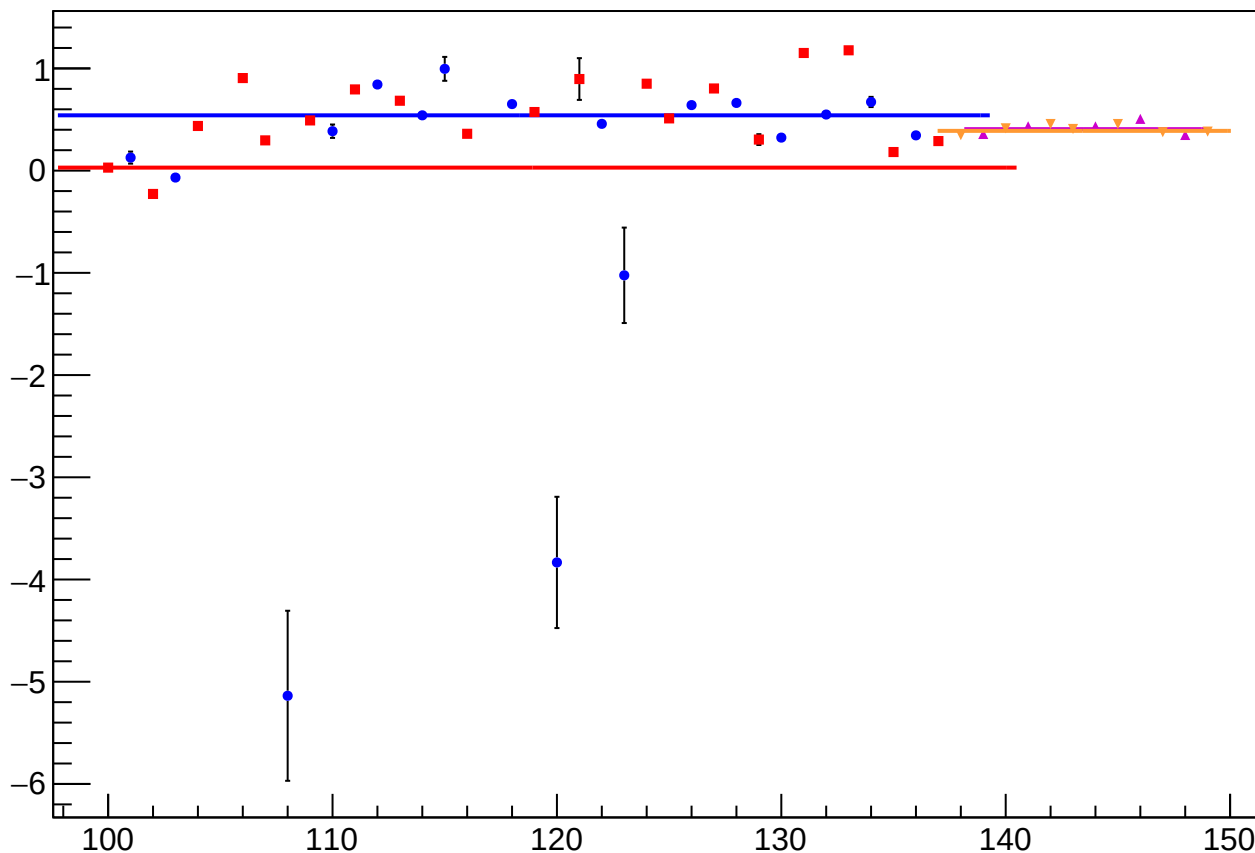
Left In: -97.996 ± 0.096 $\chi^2/\text{NDF}: 2207.4/4$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 202998.9/23$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2688167.1/47$

- sign -102.284 ± 0.018 $\chi^2/\text{NDF}: 54629.2/23$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.389 $\pm$ 0.001 χ^2 /NDF: 768.1/6

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

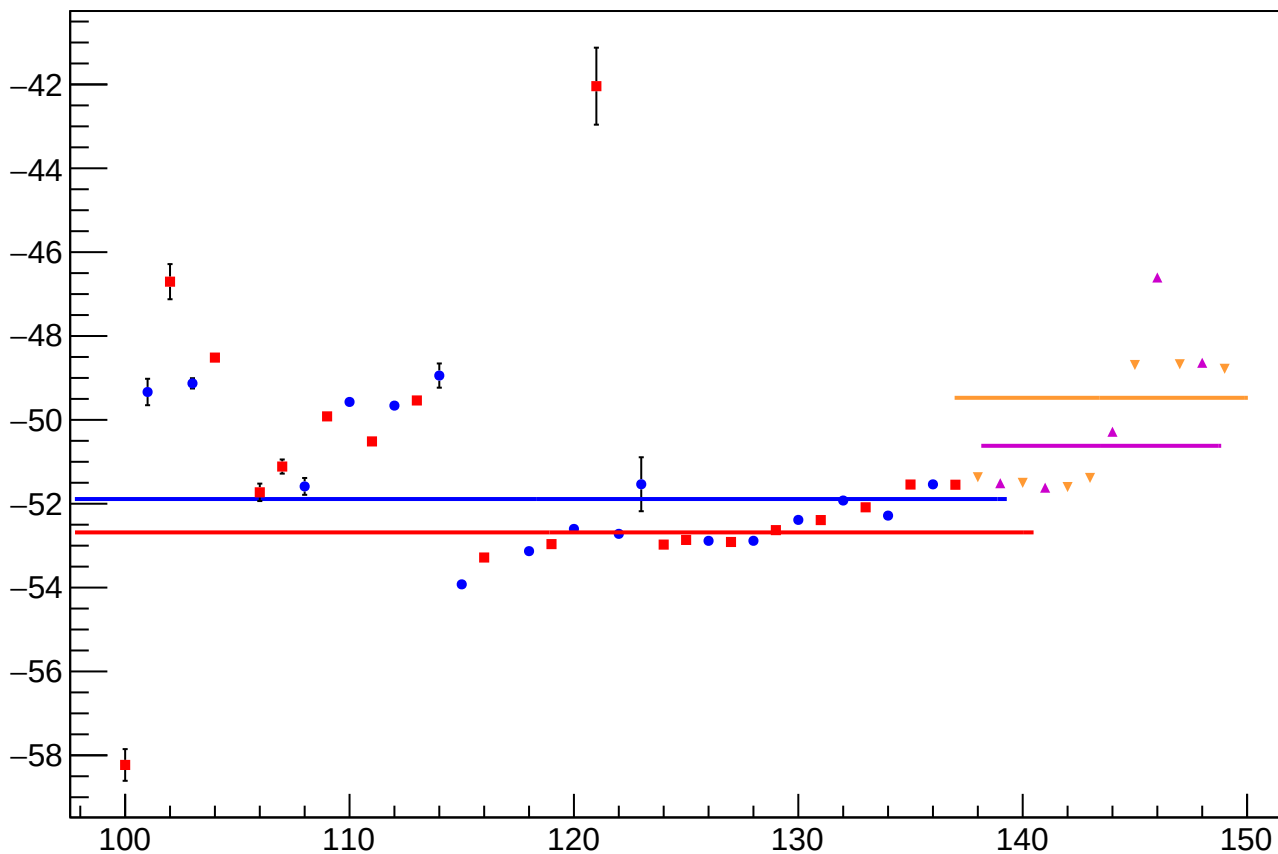
Left In: 0.406 $\pm$ 0.001 χ^2 /NDF: 1805.2/4

+ sign 0.541 $\pm$ 0.000 χ^2 /NDF: 73906.0/23

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 χ^2/NDF : 77585.2/16

Left Out: -49.474 ± 0.002 χ^2/NDF : 275238.2/6

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

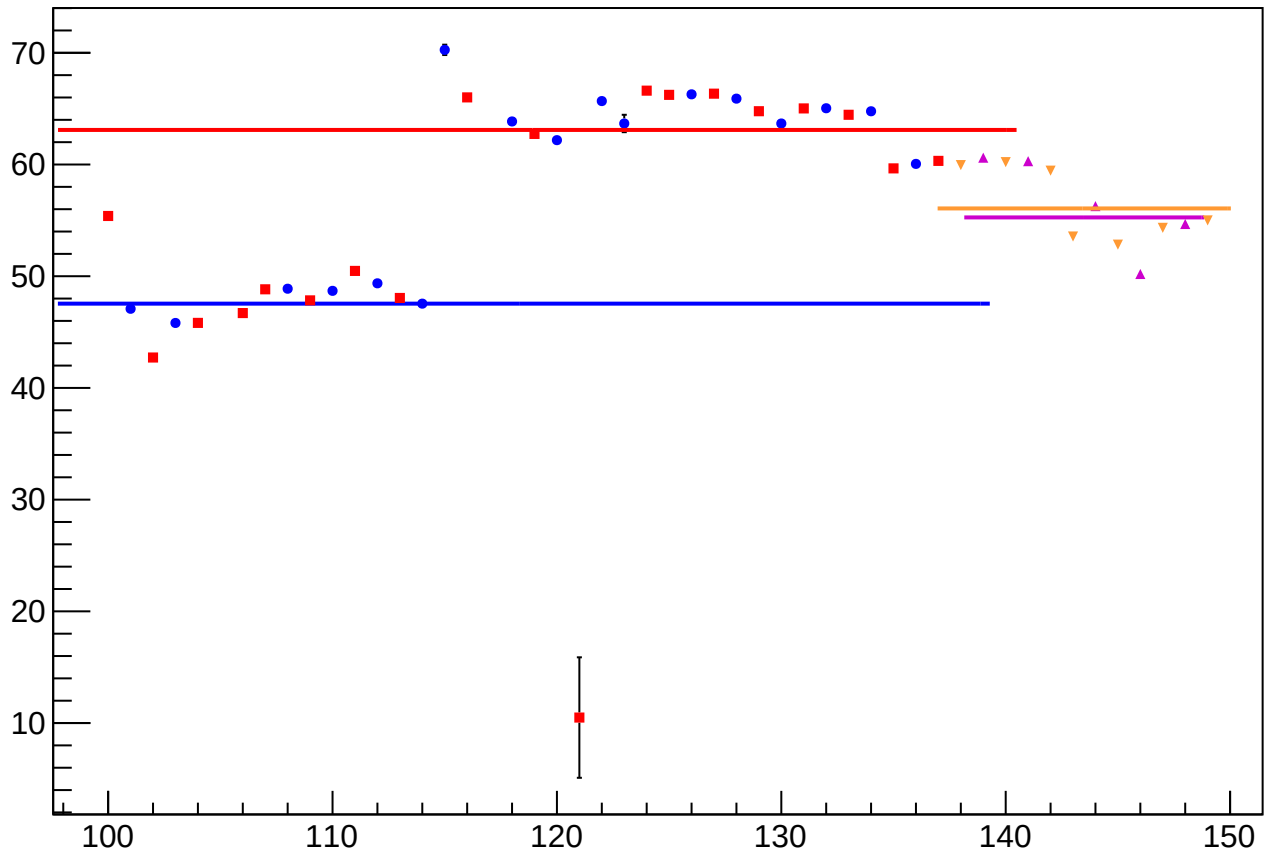
Left In: -50.619 ± 0.003 χ^2/NDF : 208464.3/4

+ sign -50.713 ± 0.002 χ^2/NDF : 924003.0/23

All: -51.169 ± 0.001 χ^2/NDF : 1649341.9/47

- sign -51.887 ± 0.002 χ^2/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: 56.068 $\pm$ 0.006 χ^2 /NDF: 187913.3/6

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

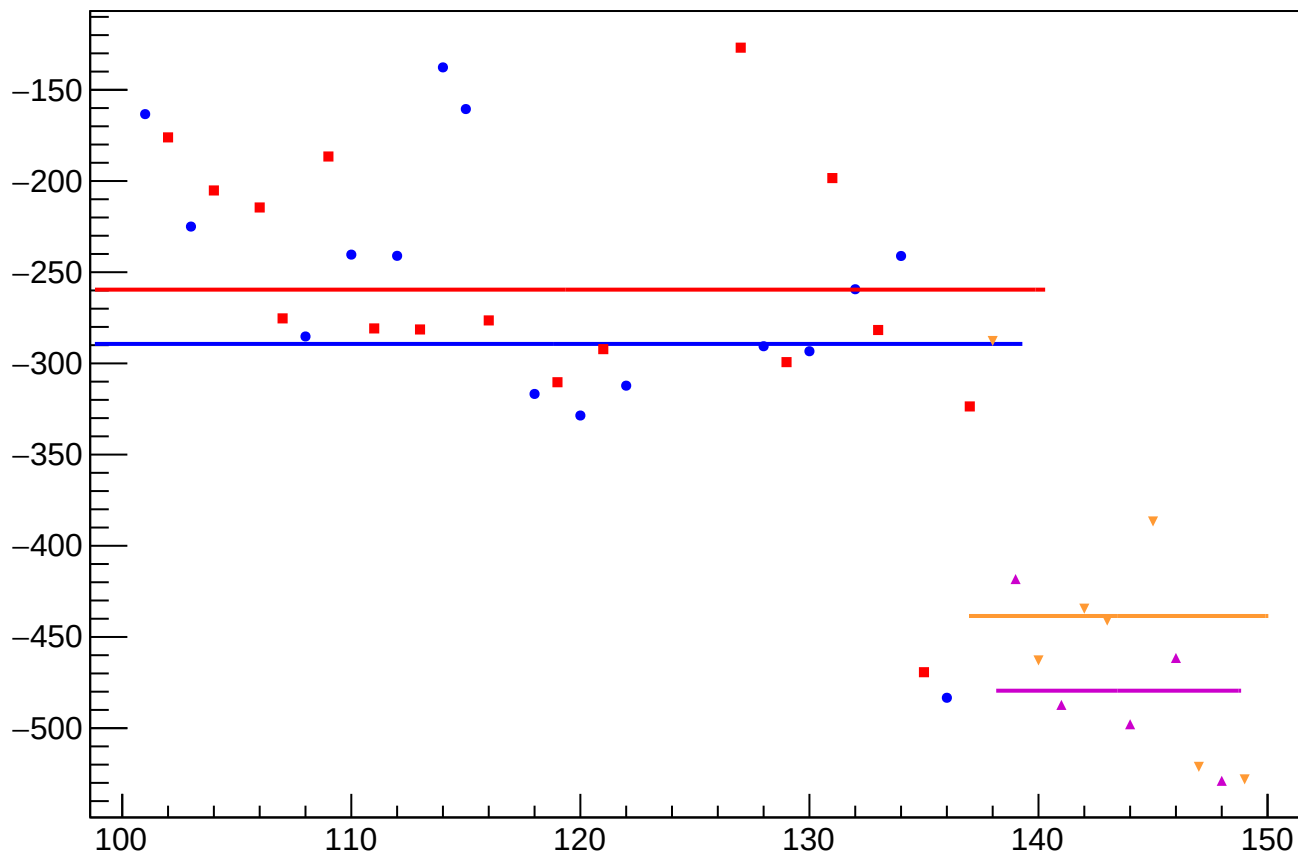
Left In: 55.263 $\pm$ 0.008 χ^2 /NDF: 61637.0/4

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 5631762.6/23

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 11354541.1/47

- 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: -438.497+/-0.000 χ^2/NDF : 32484294929301342169090076037873664.0/6

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

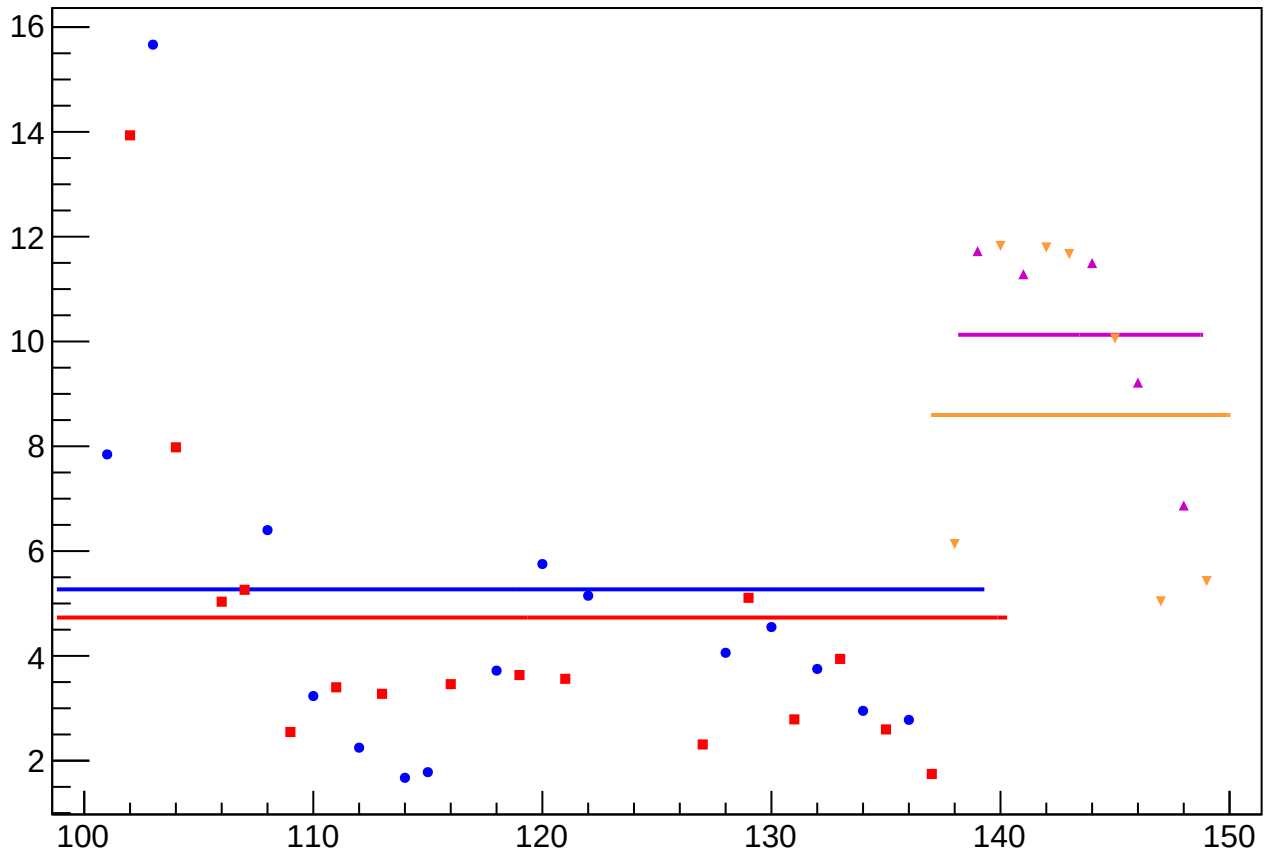
Left In: -479.457+/-0.000 χ^2/NDF : 570539580233284483790897174900899840.0/4

+ sign -355.394+/-0.000 χ^2/NDF : 15014832707551

All: -350.262+/-0.000 χ^2/NDF : 32447310615

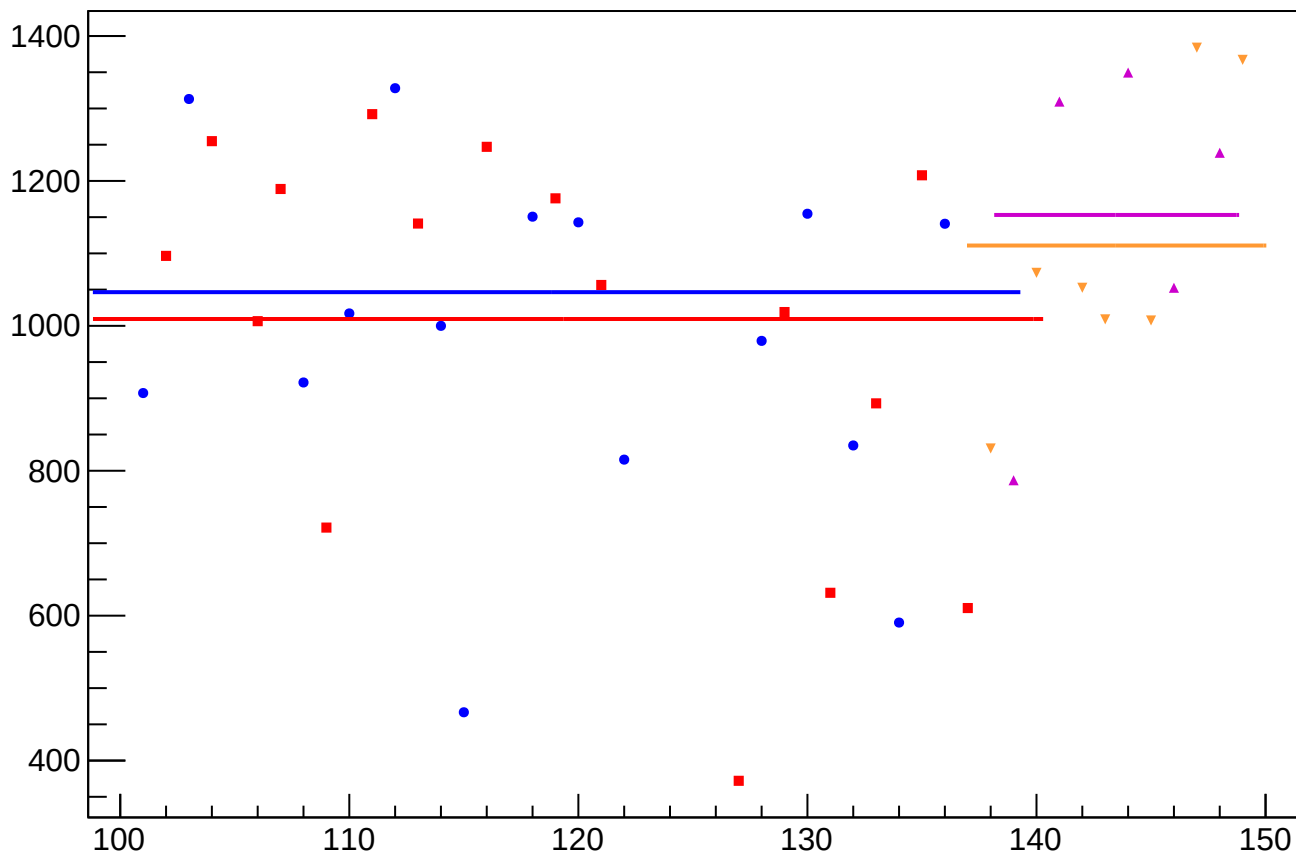
- sign -344.771+/-0.000 χ^2/NDF : 173689589764771

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14	+ sign 6.743+/-0.000	χ^2/NDF : 16325120209764292
Left Out: 8.597+/-0.000	χ^2/NDF : 4432808881257990030148758547726336.0/6	All: 6.782+/-0.000	χ^2/NDF : 32160478686185
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15	- sign 6.823+/-0.000	χ^2/NDF : 15831810273343833
Left In: 10.128+/-0.000	χ^2/NDF : 1447542224609664364829363012632576.0/4		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

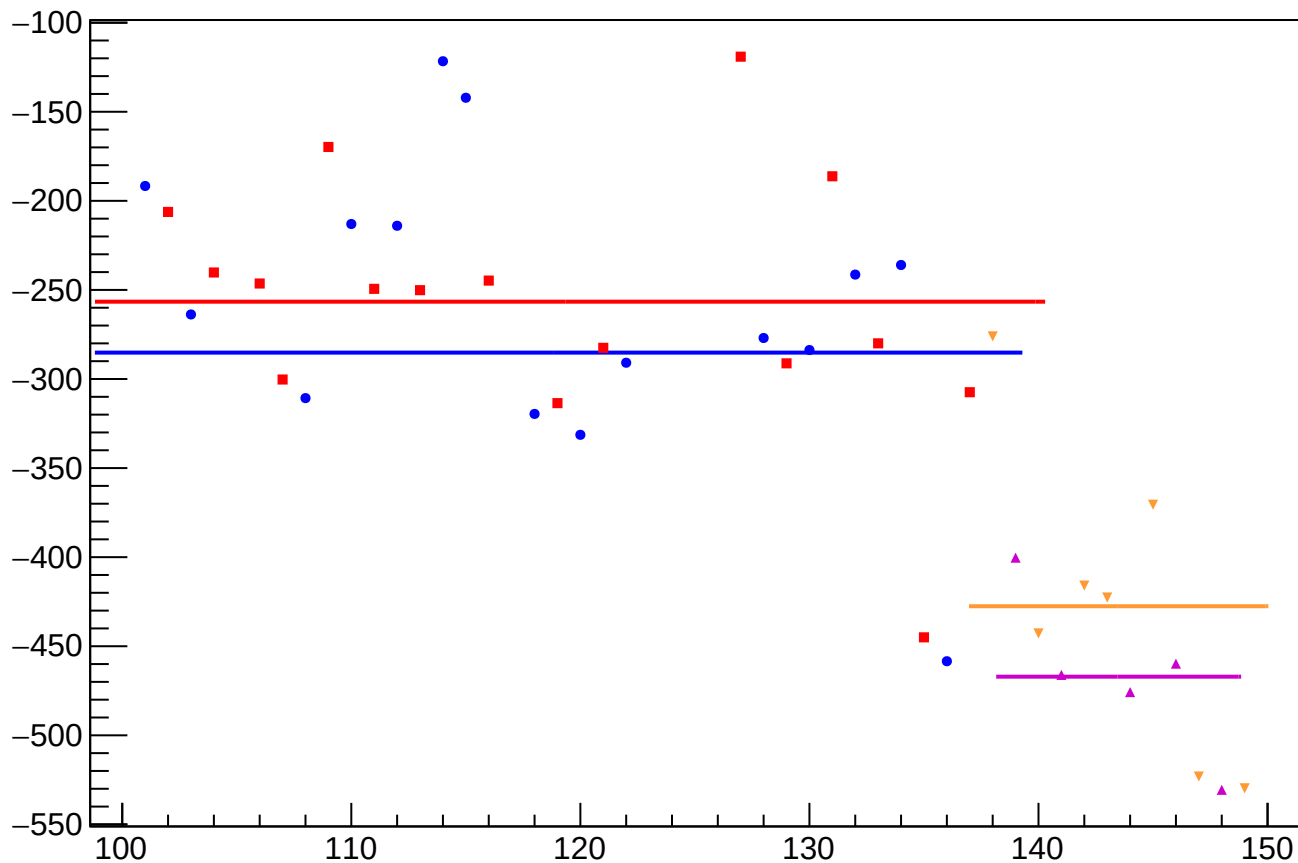
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_4eX_coil1_mean vs Slug



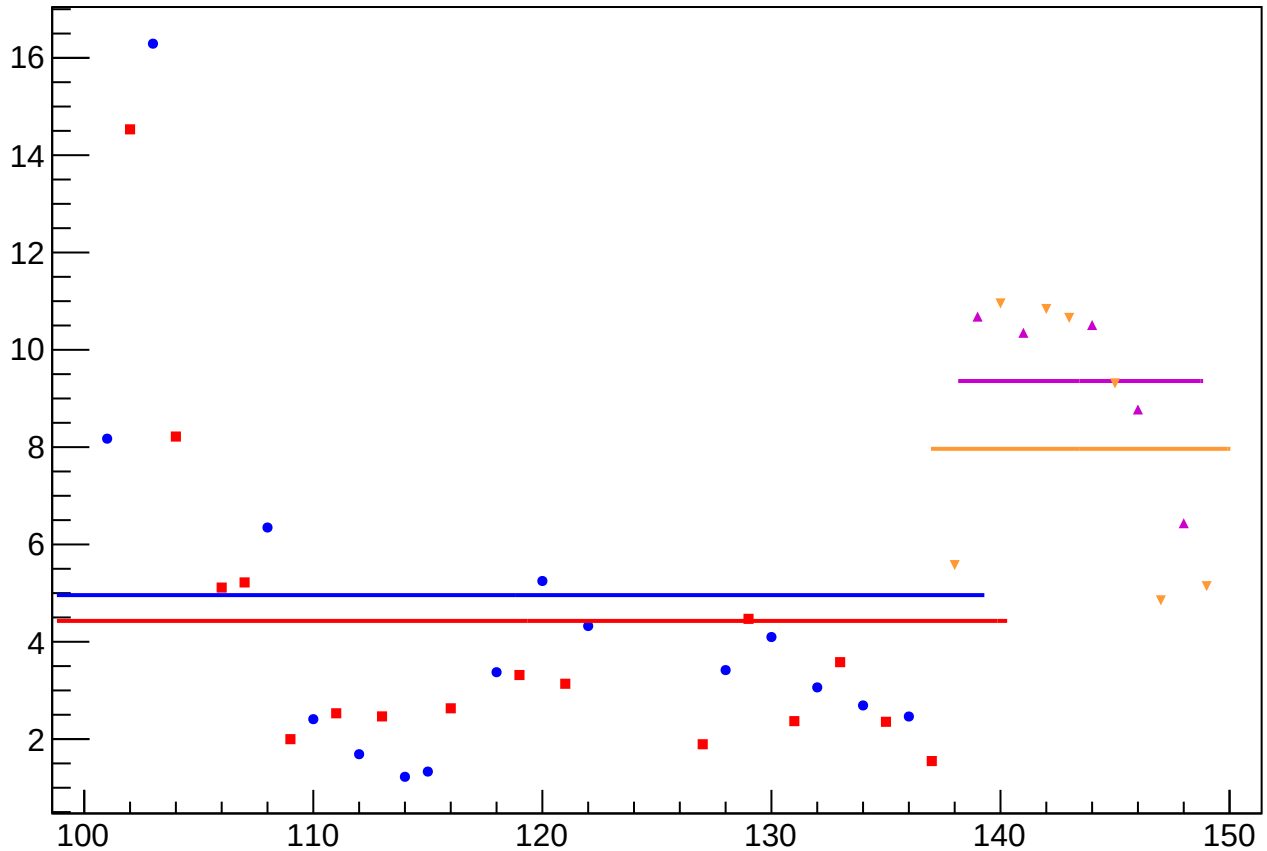
Right In: -285.187 +/- 0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -427.543 +/- 0.000 χ^2/NDF : 3669015372411306152827745073094459392.0/6

Right Out: -256.599 +/- 0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

Left In: -467.083 +/- 0.000 χ^2/NDF : 711448432671340259379605407994478592.0/4

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 7.966+/-0.000 χ^2/NDF : 3614513811366070471956769827454976.0/6

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

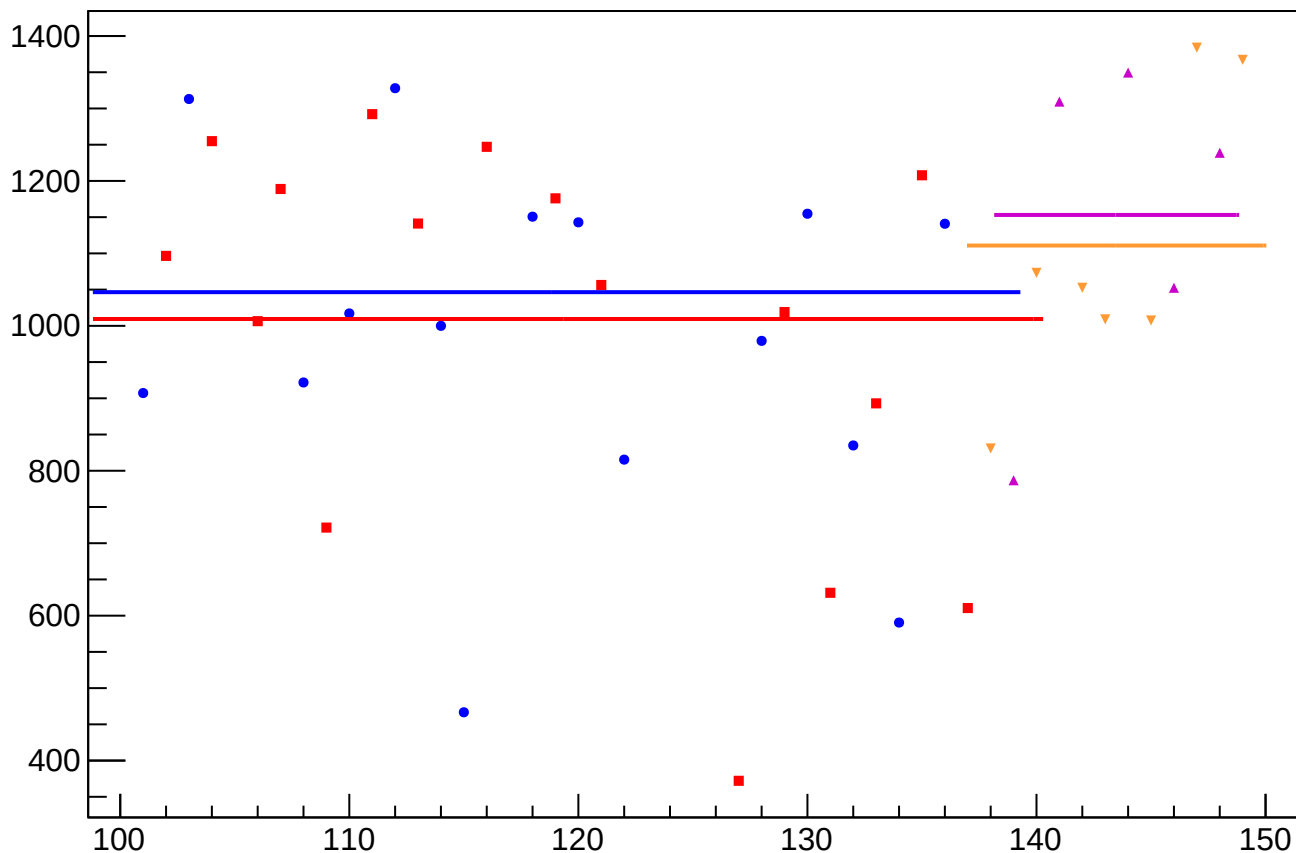
Left In: 9.359+/-0.000 χ^2/NDF : 1089279623978762918106697629171712.0/4

+ sign 6.291+/-0.000 χ^2/NDF : 16678612448395823

All: 6.314+/-0.000 χ^2/NDF : 32423296426640

- sign 6.339+/-0.000 χ^2/NDF : 15743343391208846

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

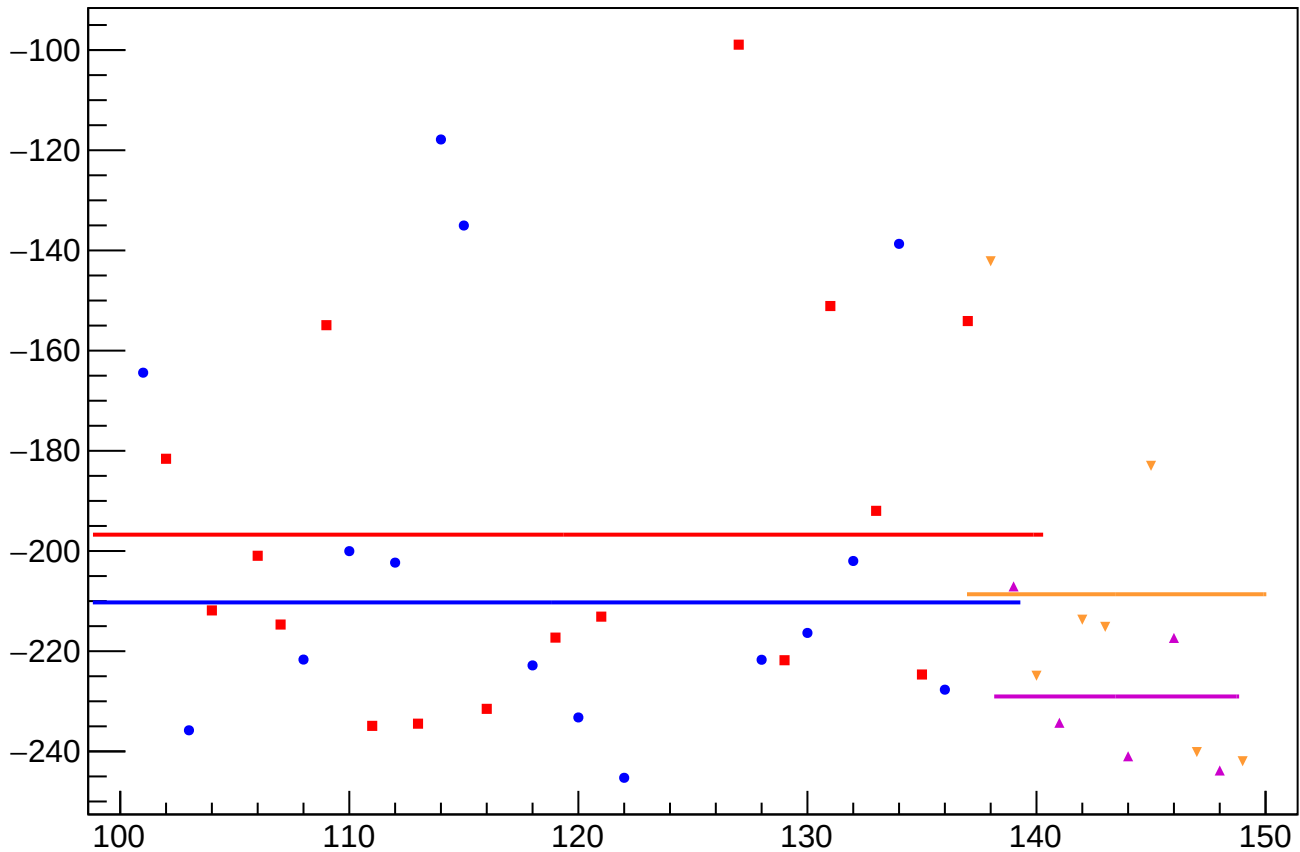
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_11X12X_coil1_mean vs Slug



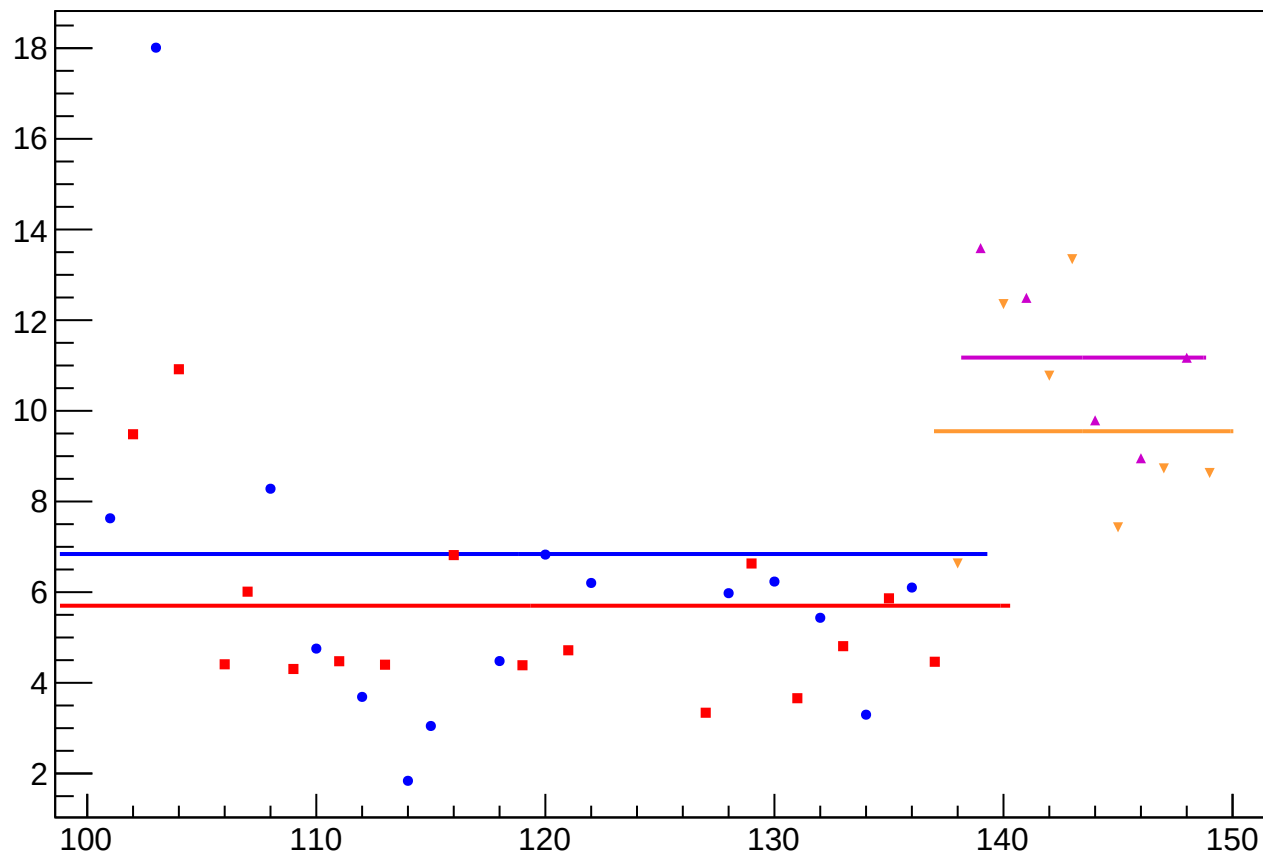
Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -208.632+/-0.000 χ^2/NDF : 594350313413135836702790983620755456.0/6

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

Left In: -229.036+/-0.000 χ^2/NDF : 83809950836528685034693598984011776.0/4

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000

χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 9.550+/-0.000

χ^2/NDF : 2830206282502779542198842736771072.0/6

Right Out: 5.701+/-0.000

χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 11.175+/-0.000

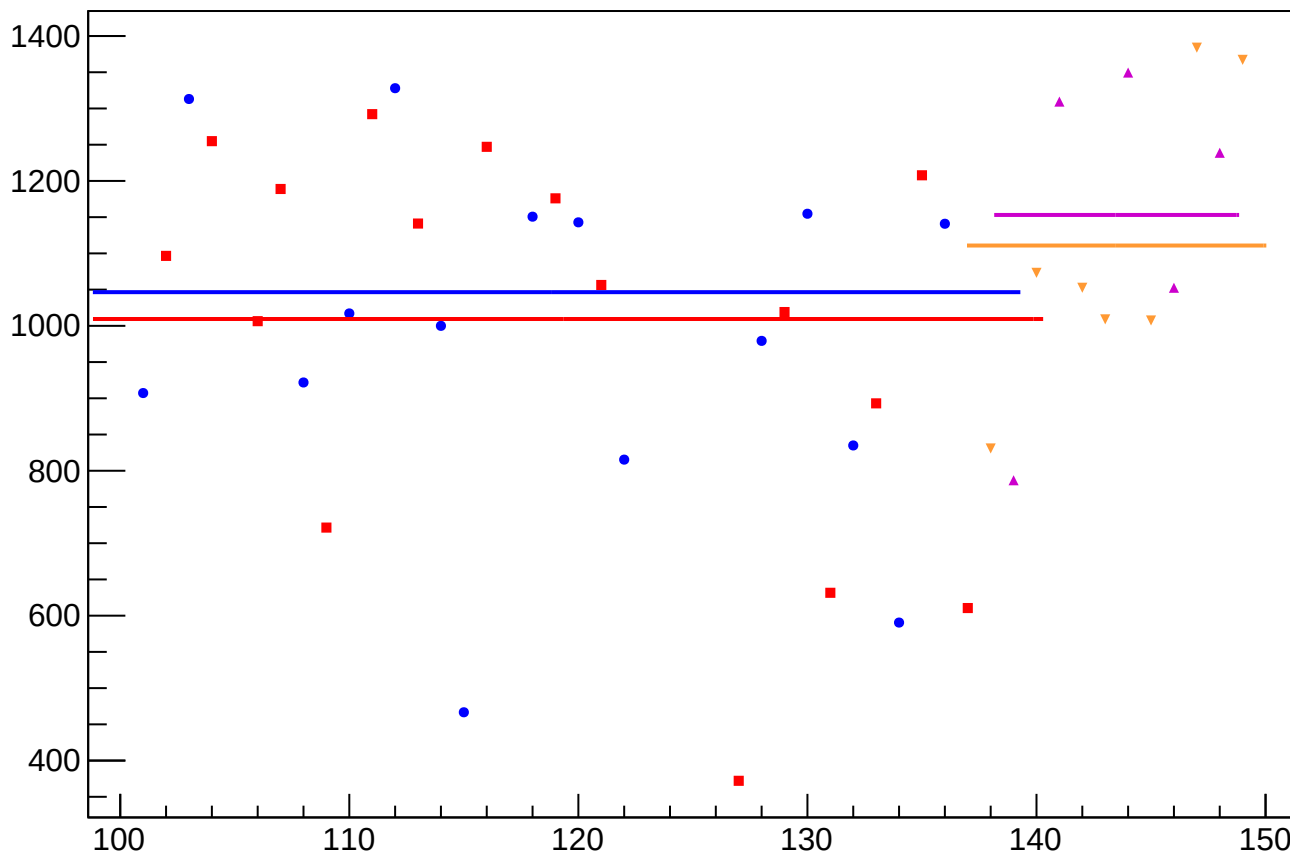
χ^2/NDF : 1199819457565493020054138277330944.0/4

+ sign 8.041+/-0.000 χ^2/NDF : 14295134752063069

All: 7.935+/-0.000 χ^2/NDF : 26440175439700

- 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: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

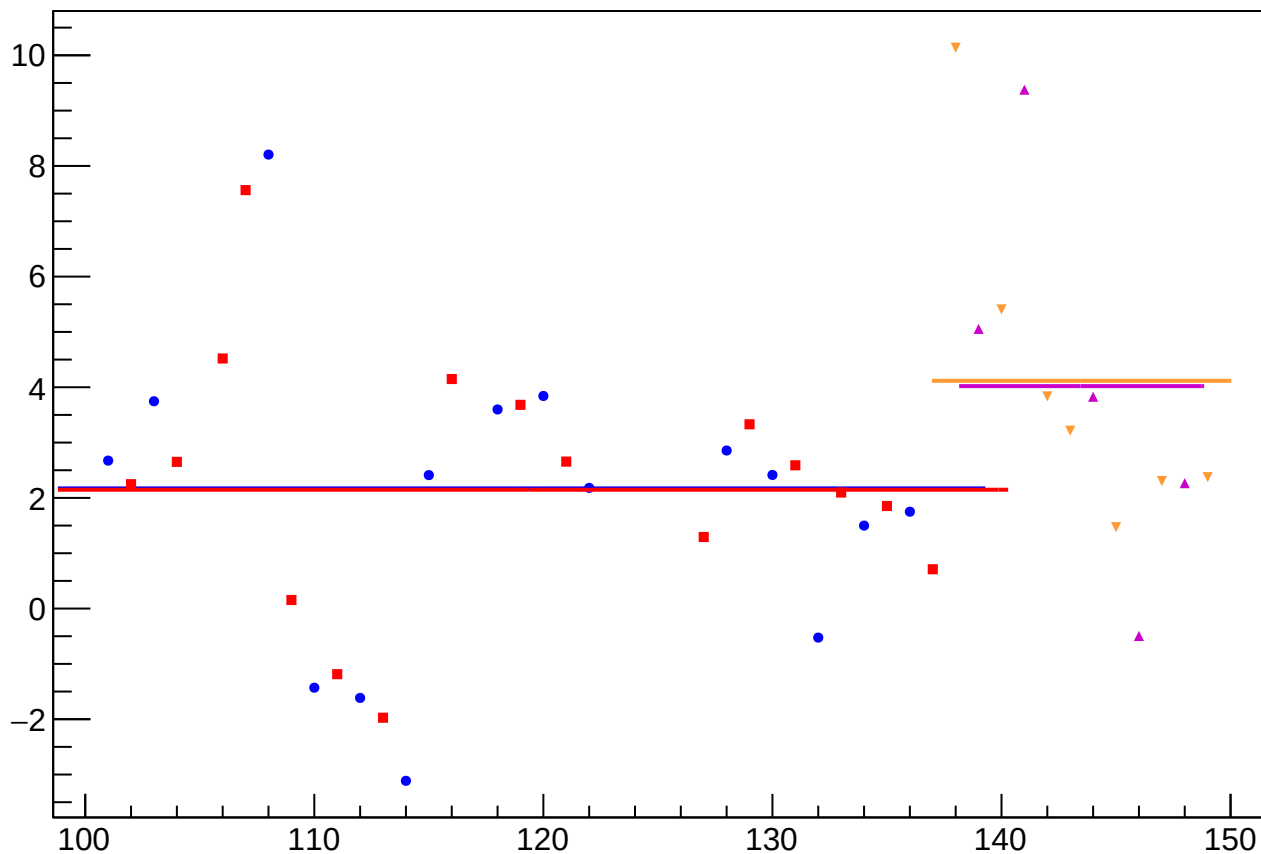
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

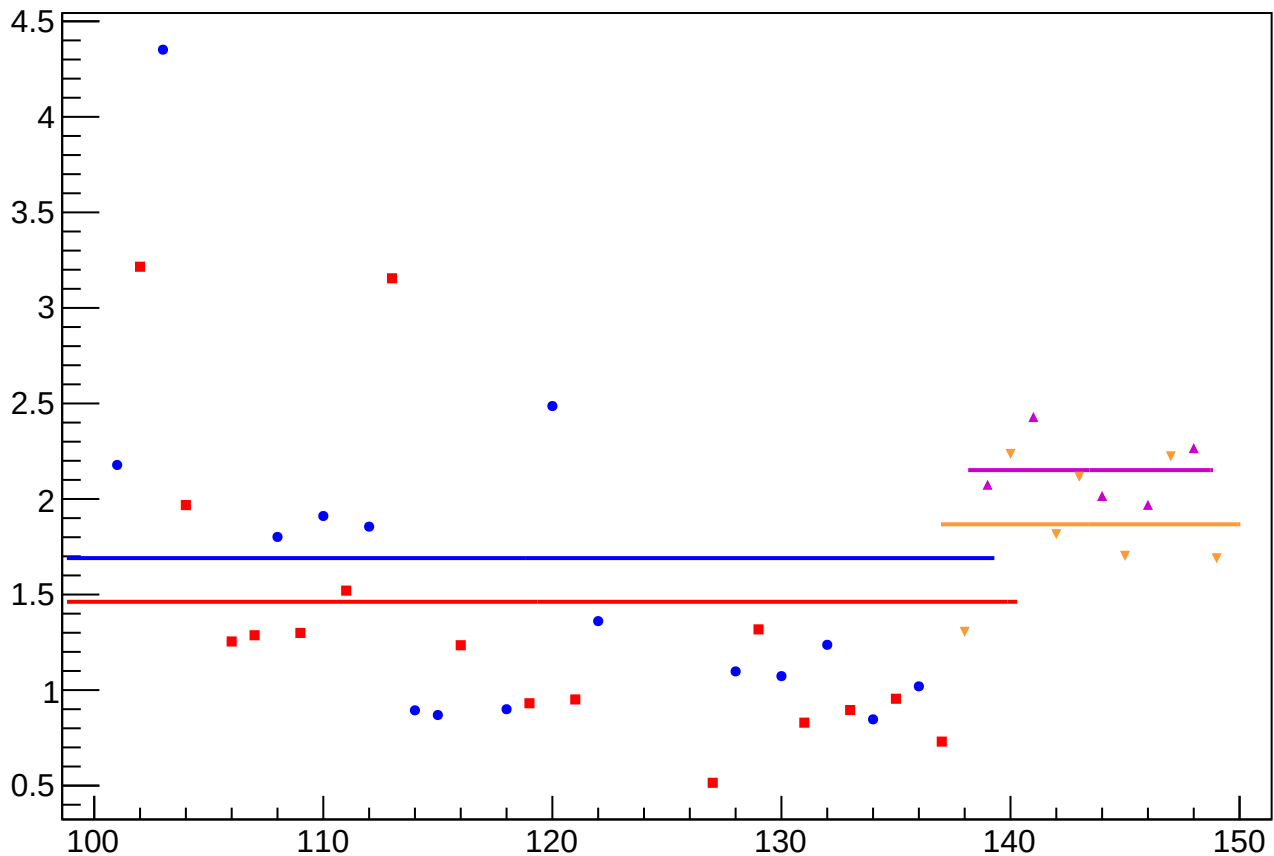
- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000	χ^2/NDF : 3599819246909975678410499691642880.0/14
Left Out: 4.117+/-0.000	χ^2/NDF : 4100621131167945477638561453834240.0/6
Right Out: 2.148+/-0.000	χ^2/NDF : 3093887336239378959606321931878400.0/15
Left In: 4.020+/-0.000	χ^2/NDF : 4480914819577599026139352080056320.0/4
+ sign 3.033+/-0.000 χ^2/NDF : 87881906443755267 All: 2.956+/-0.000 χ^2/NDF : 1728392417359 - sign 2.873+/-0.000 χ^2/NDF : 84813927070343804	

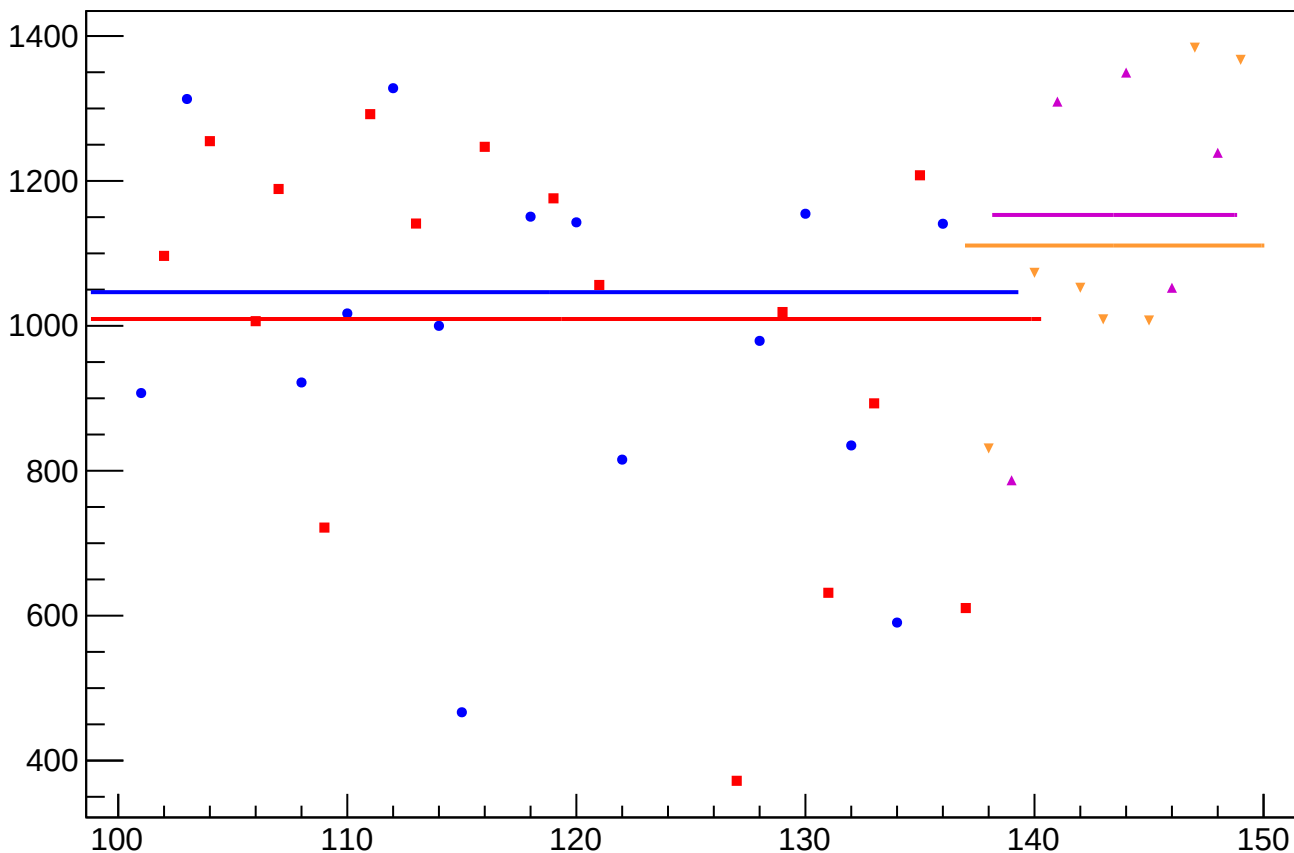
dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.868+/-0.000 χ^2/NDF : 54824715303955865943983897182208.0/6
 Right Out: 1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: 2.151+/-0.000 χ^2/NDF : 12523562443173339403963244478464.0/4

+ sign 1.769+/-0.000 χ^2/NDF : 67597540187015393
 All: 1.750+/-0.000 χ^2/NDF : 12565324155846
 - sign 1.729+/-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: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

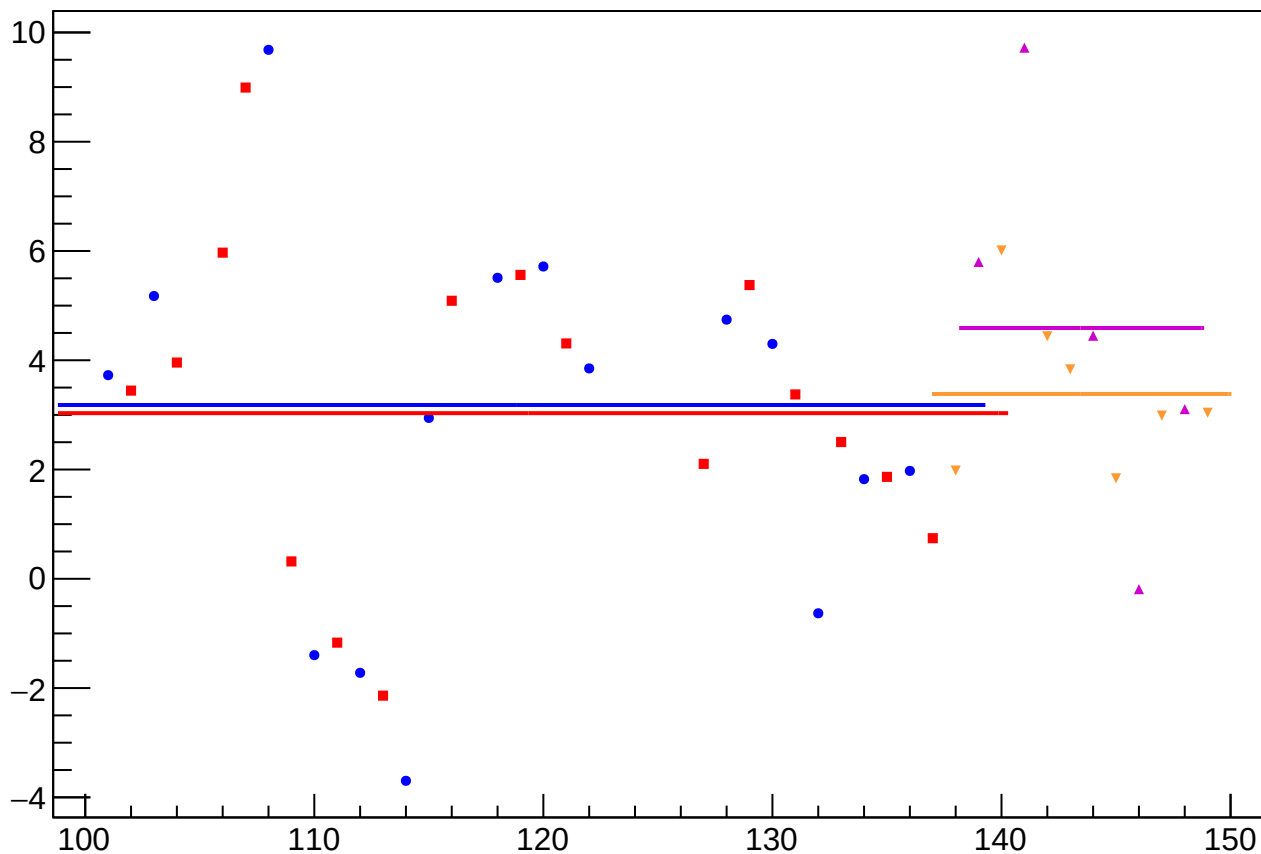
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

- 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: 3.383+/-0.000 χ^2/NDF : 999362217399538935827739560640512.0/6

Right Out: 3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15

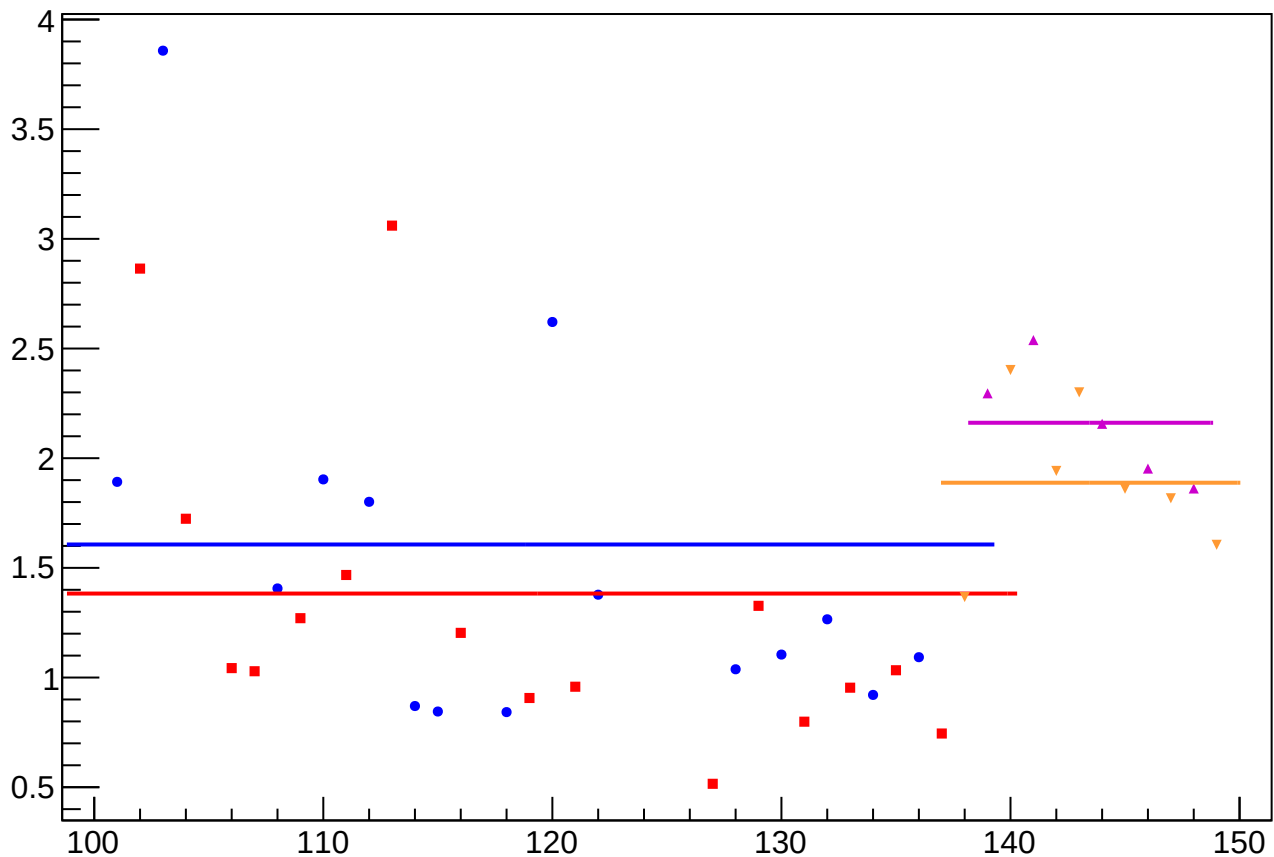
Left In: 4.591+/-0.000 χ^2/NDF : 4439895685463125121997167287861248.0/4

+ sign 3.271+/-0.000 χ^2/NDF : 68443801790451281

All: 3.447+/-0.000 χ^2/NDF : 16924665553579

- 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: 1.888 $\pm$ 0.000 χ^2 /NDF: 61549104441922269845590135275520.0/6

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

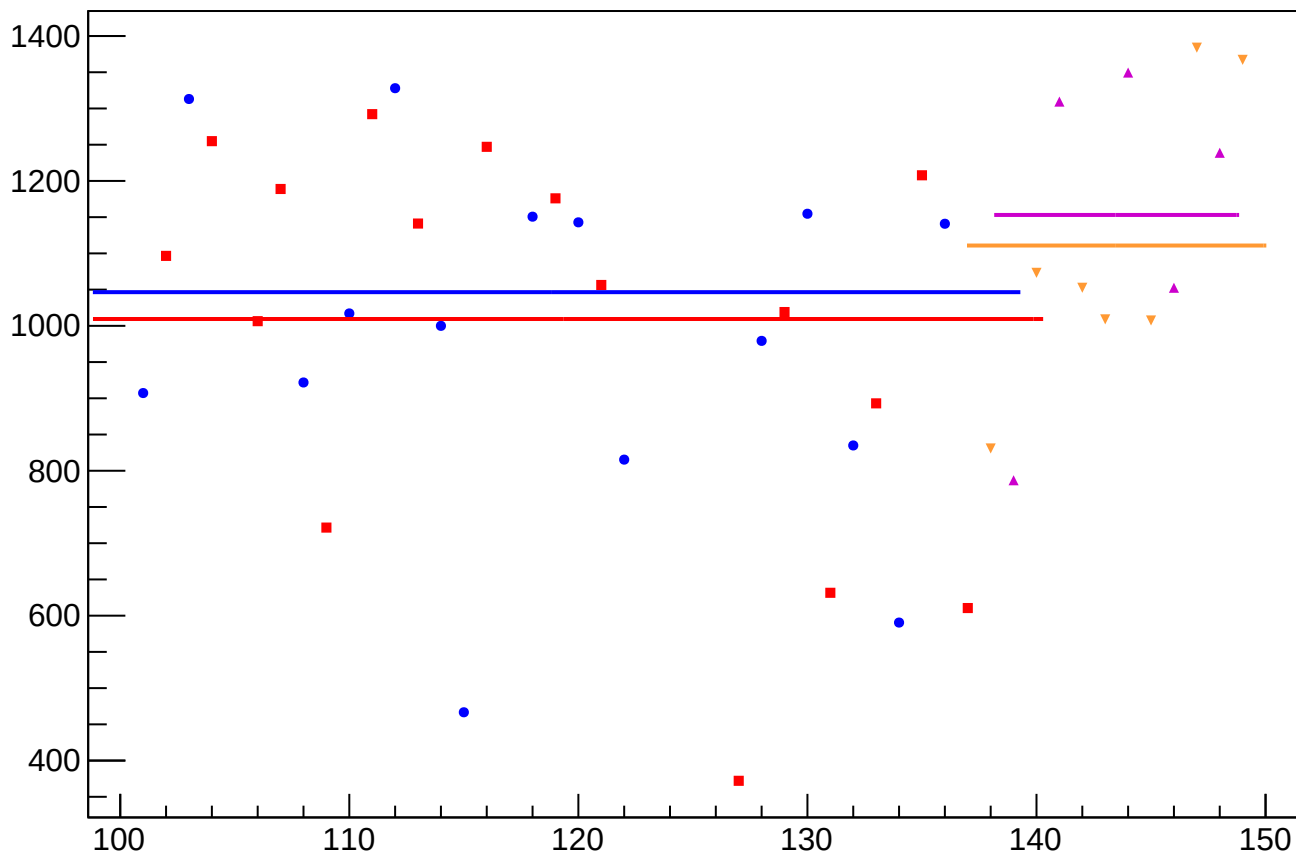
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 24704654671292867687217086070784.0/4

+ sign 1.731 $\pm$ 0.000 χ^2 /NDF: 54529189465357944

All: 1.709 $\pm$ 0.000 χ^2 /NDF: 10862840736960

- 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

Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

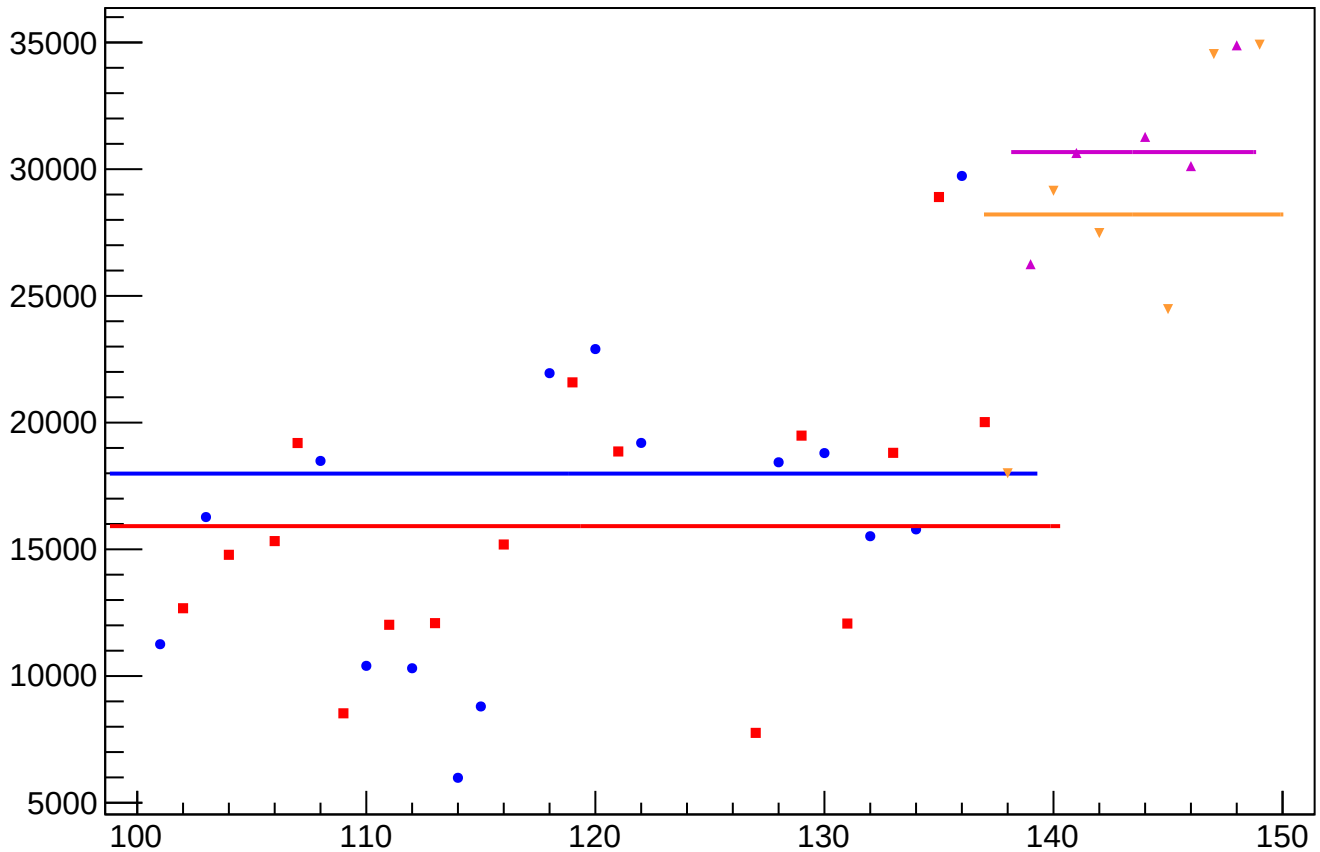
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

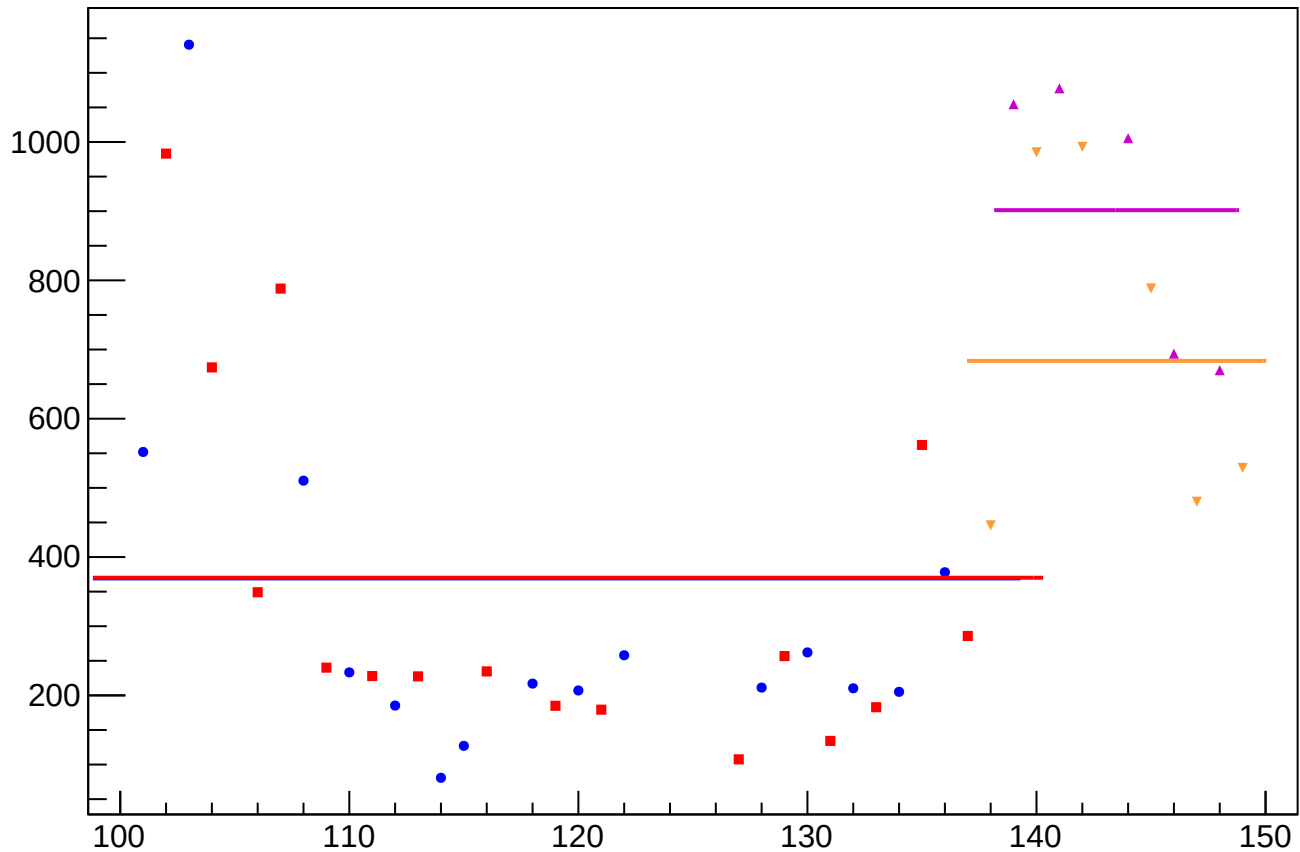
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 28213.530+/-0.000	χ^2/NDF : 16256477679394485067265471936081535434752.0/5
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 22169.587+/-0.000 χ^2/NDF : 6882041846342
 All: 21903.316+/-0.000 χ^2/NDF : 1483725943
 - 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

Left Out: 683.611+/-0.000 χ^2/NDF : 22396481493435271488066450104650825728.0/5

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

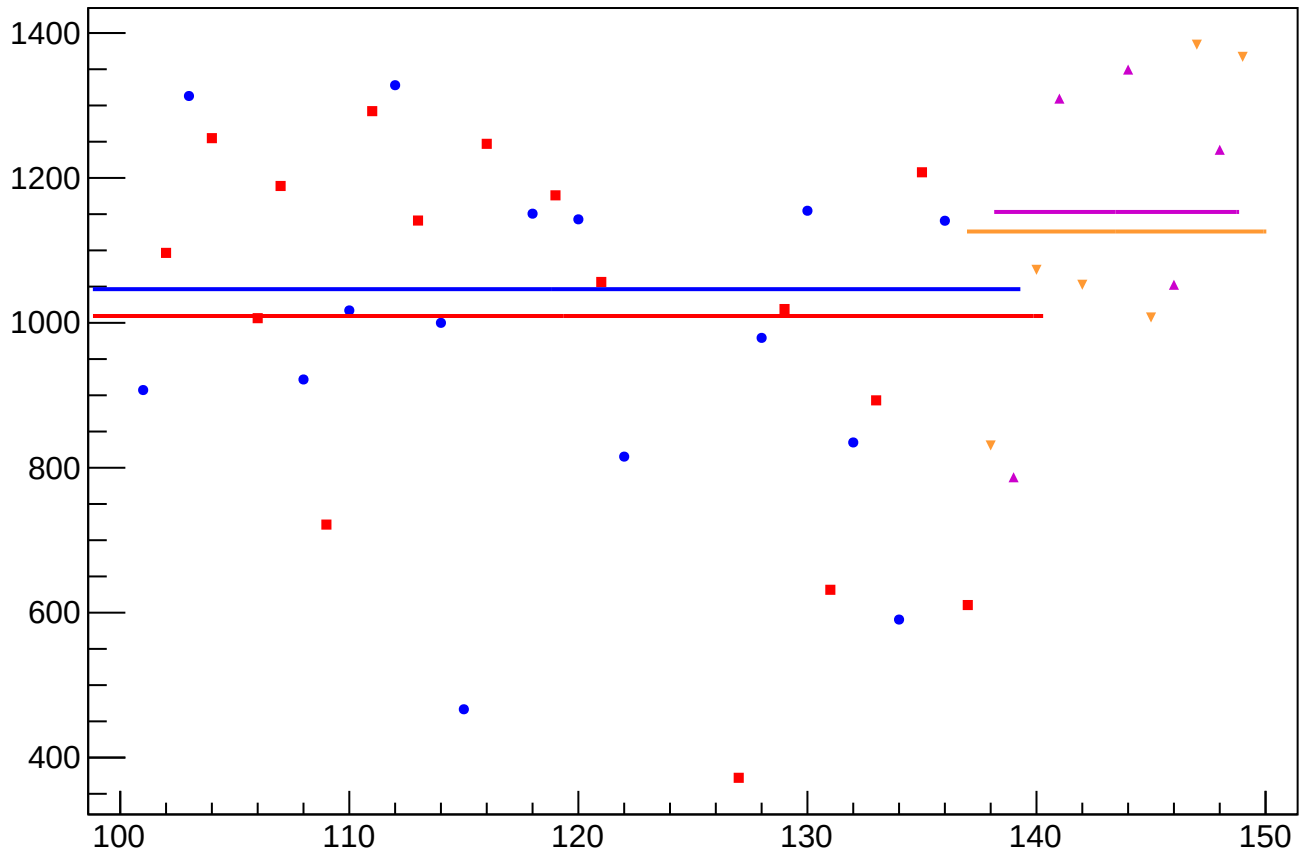
Left In: 901.464+/-0.000 χ^2/NDF : 13571131208980109166893675475120422912.0/4

+ sign 497.752+/-0.000 χ^2/NDF : 966899167980399

All: 536.717+/-0.000 χ^2/NDF : 23480429680

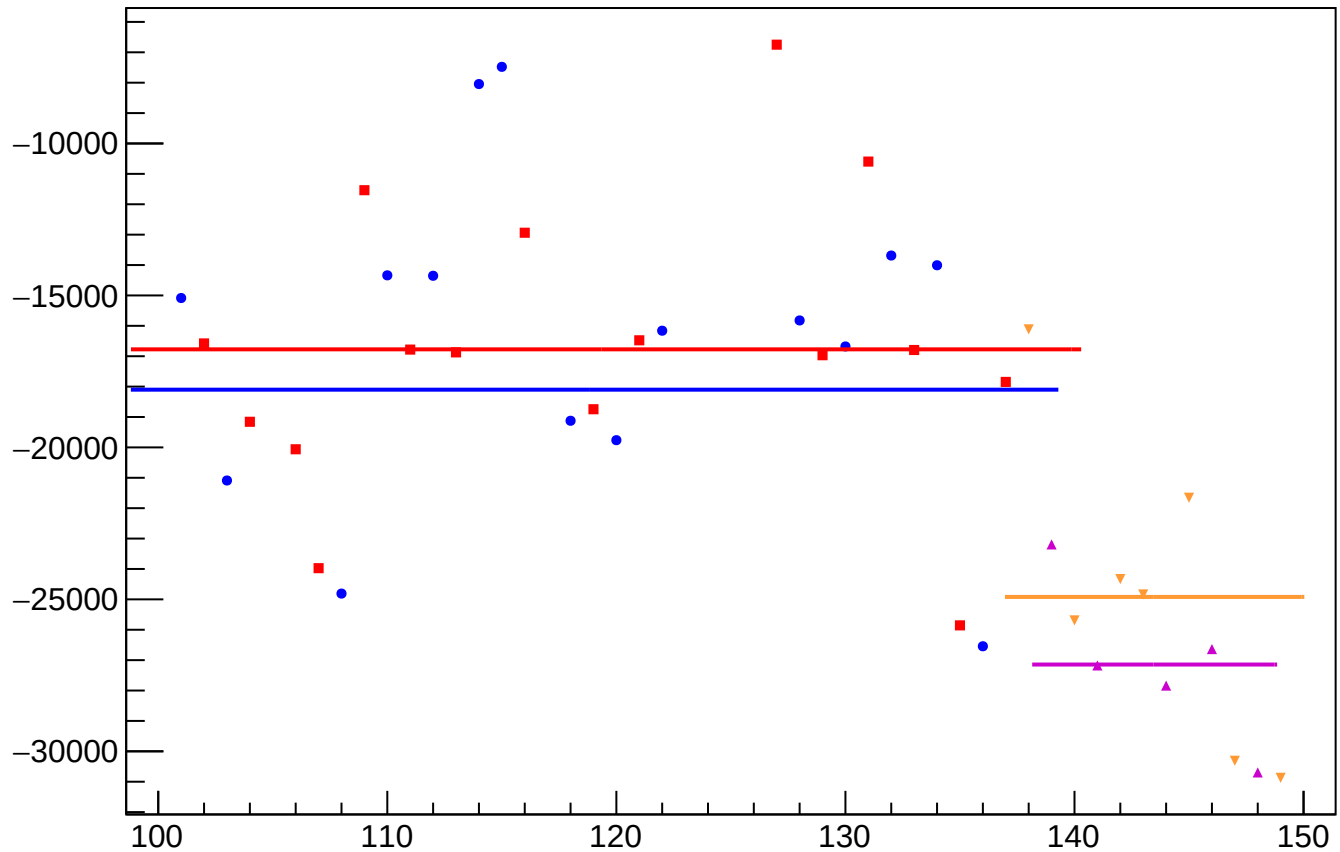
- sign 576.004+/-0.000 χ^2/NDF : 134766456718150

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1126.062+/-0.000 χ^2/NDF : 18487213590098737110410643148543885312.0/5
 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_usr_coil1_mean vs Slug



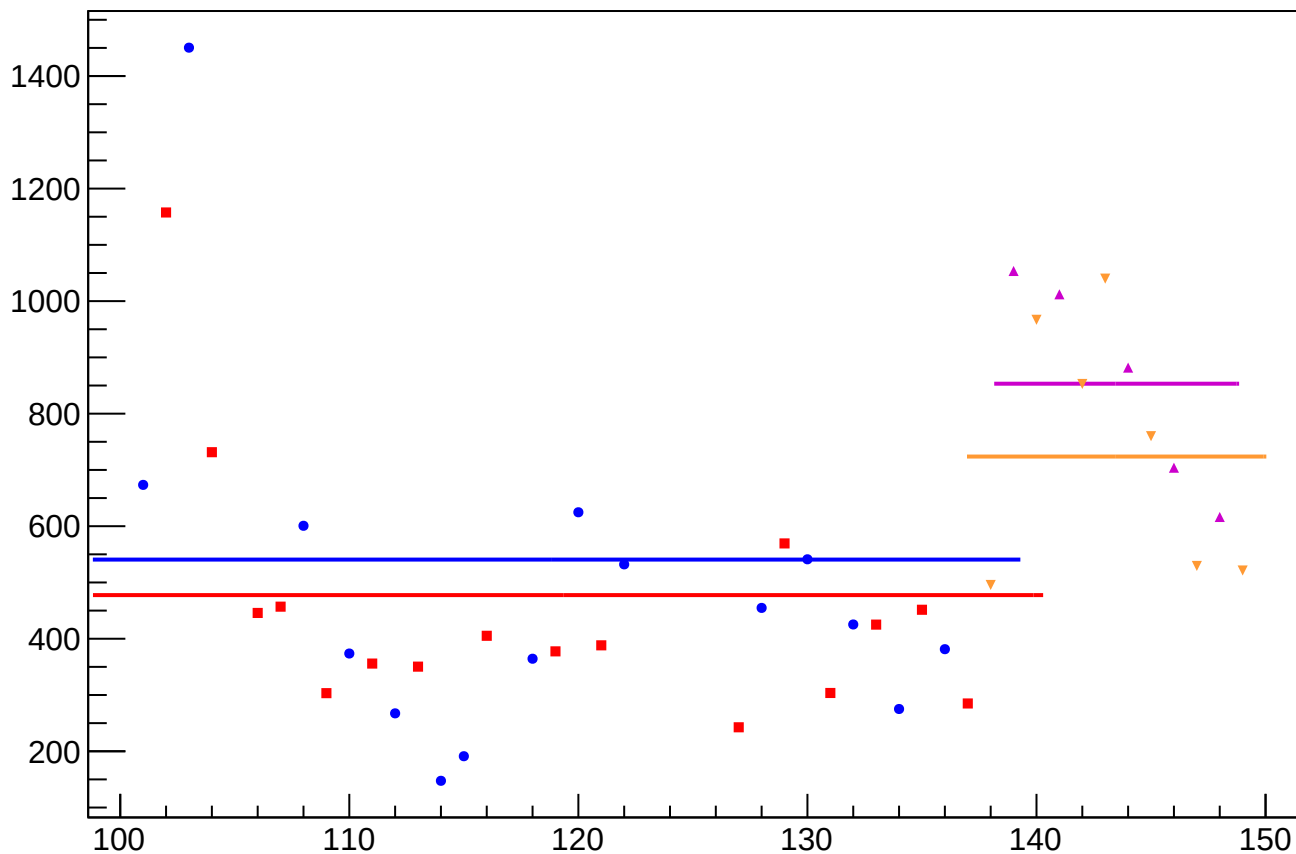
Right In: -18100.637+/-0.000	χ^2/NDF : 14634967546173586967632040765428699496448.0/14
Left Out: -24920.110+/-0.000	χ^2/NDF : 12215334673373797435919581563578405093376.0/6
Right Out: -16773.604+/-0.000	χ^2/NDF : 14234547931135812277474342886568366178304.0/15
Left In: -27144.910+/-0.000	χ^2/NDF : 2388257014676850013232575443932977037312.0/4

+ sign -21121.108+/-0.000 χ^2/NDF : 402184145949

All: -20962.394+/-0.000 χ^2/NDF : 847040418

- sign -20792.604+/-0.000 χ^2/NDF : 4442488658923

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 723.781+/-0.000 χ^2/NDF : 22869736347422403502383884762878050304.0/6

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

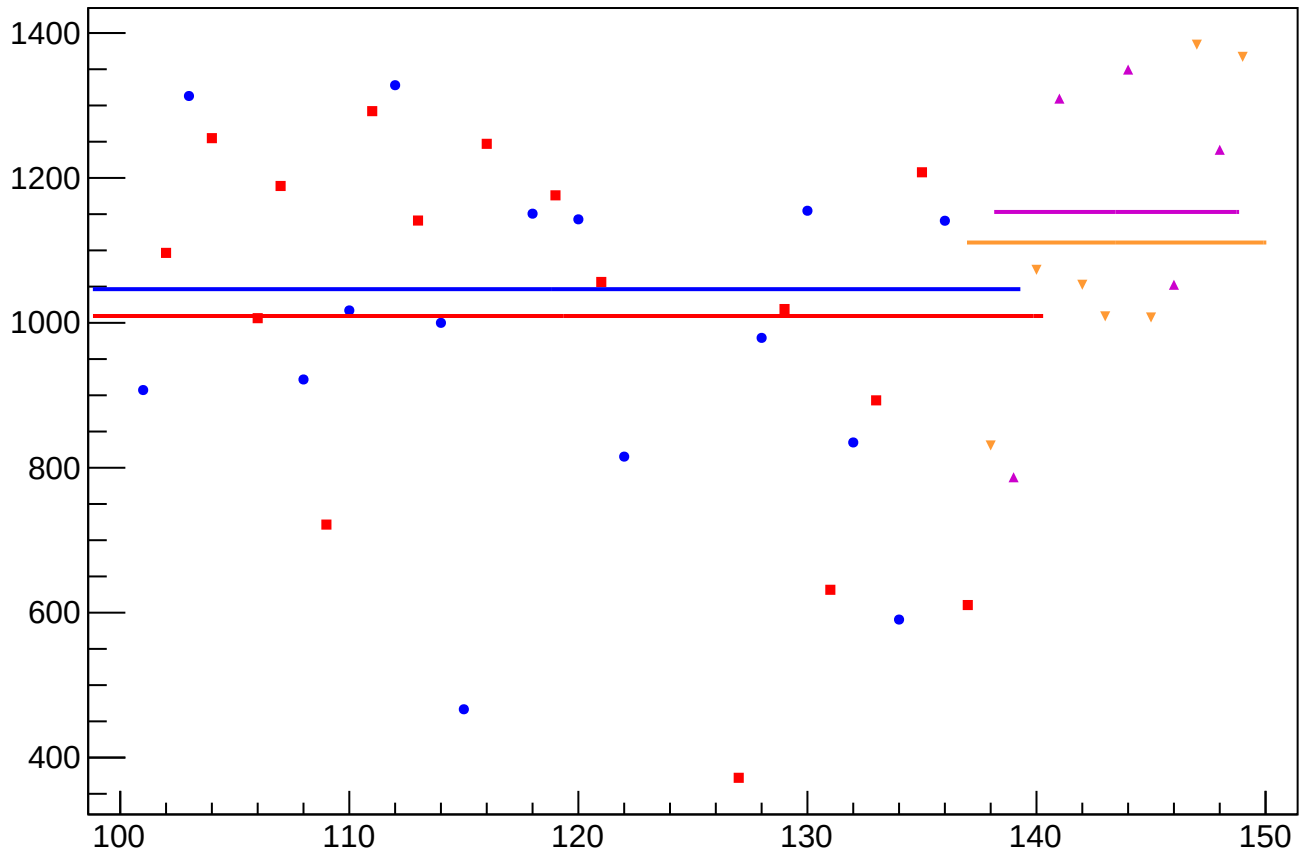
Left In: 853.239+/-0.000 χ^2/NDF : 12031496314977129700247708575641632768.0/4

+ sign 621.769+/-0.000 χ^2/NDF : 970556187750738

All: 622.427+/-0.000 χ^2/NDF : 184368237395

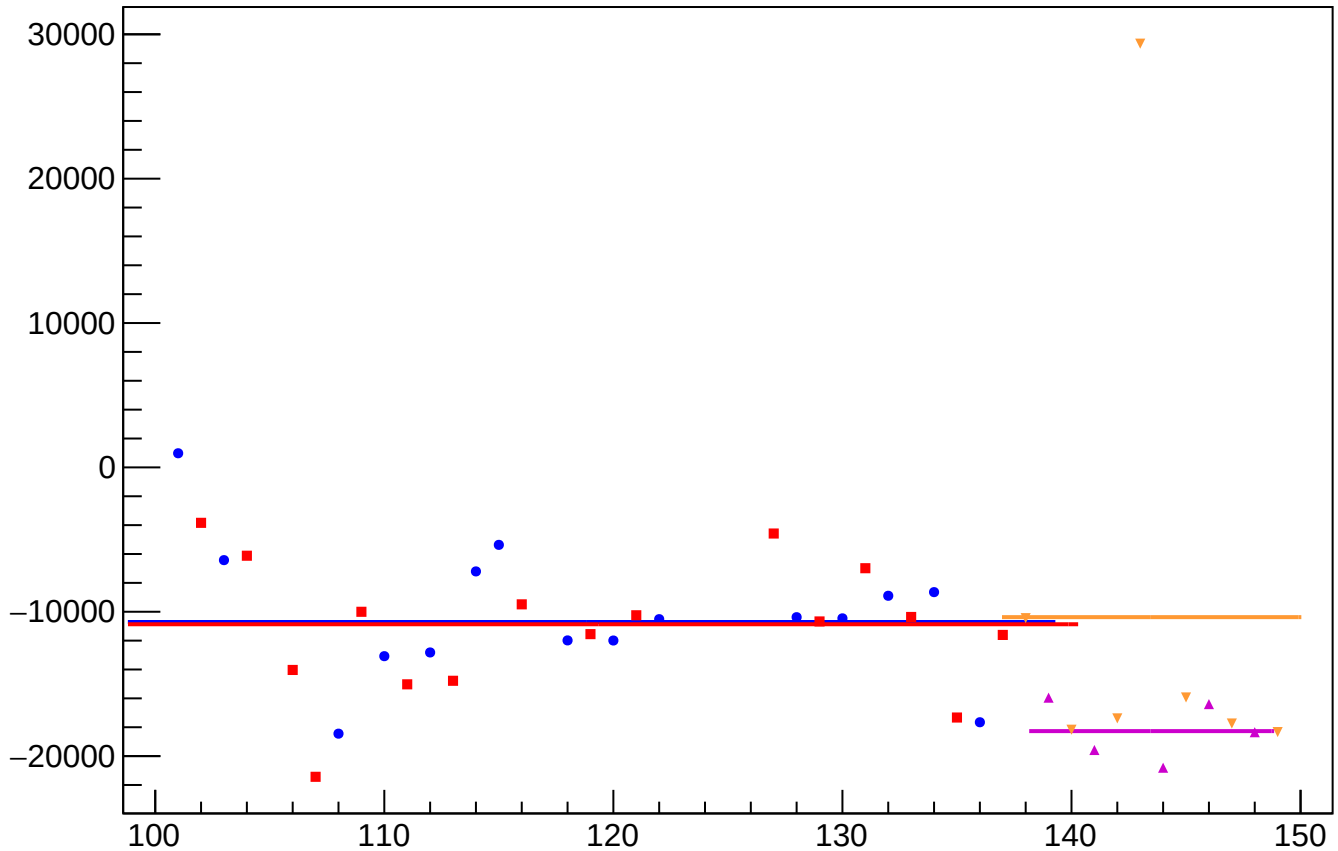
- sign 623.131+/-0.000 χ^2/NDF : 873115743944023

dit_usr_coil1_Ndata_mean vs Slug



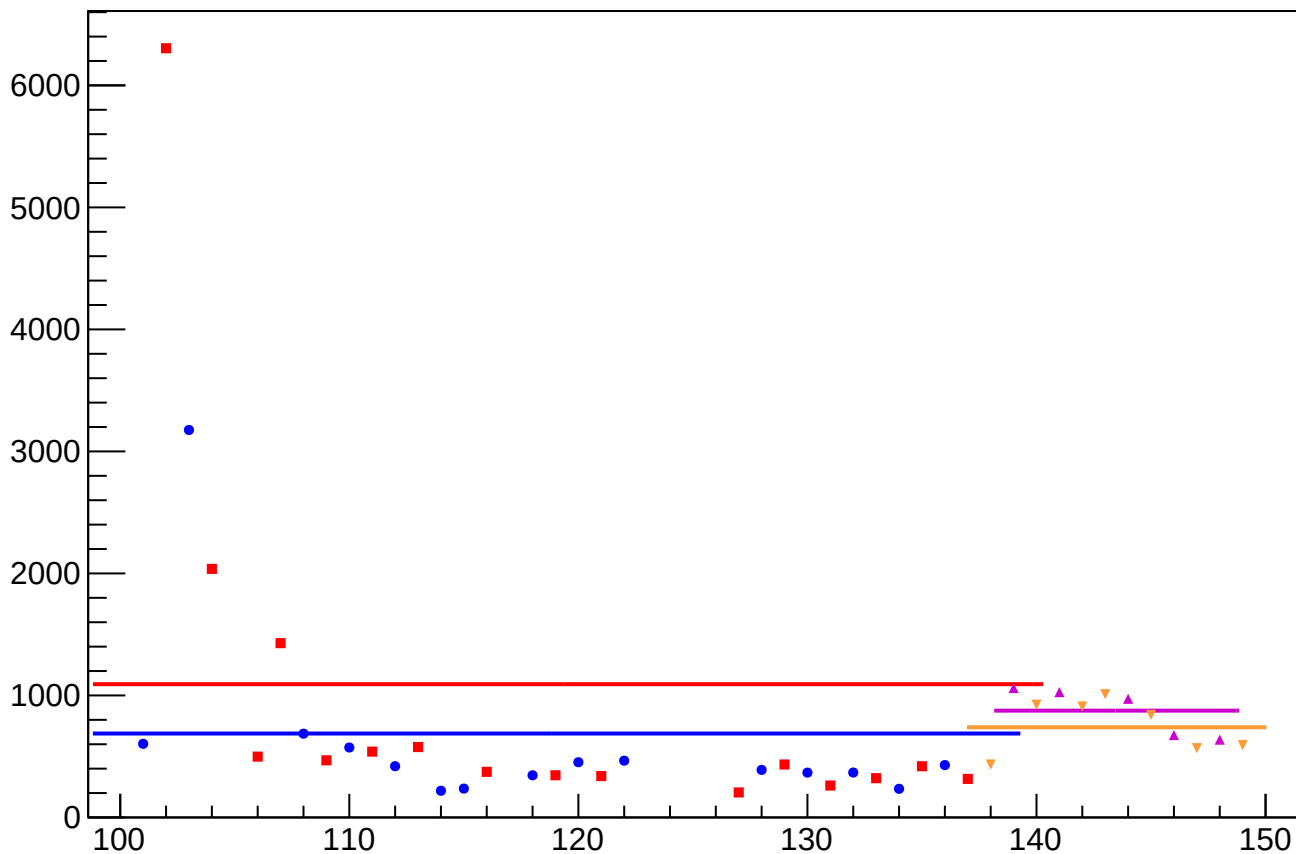
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

dit_atl1_coil1_mean vs Slug



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -10373.629 ± 0.000 $\chi^2/\text{NDF}: 125046208052685492958745652718444507824128.0/6$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18268.678 ± 0.000 $\chi^2/\text{NDF}: 1443308338232611761921593509358640037888.0/4$

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 739.024+/-0.000 χ^2/NDF : 21249682210185071595397853648428990464.0/6

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

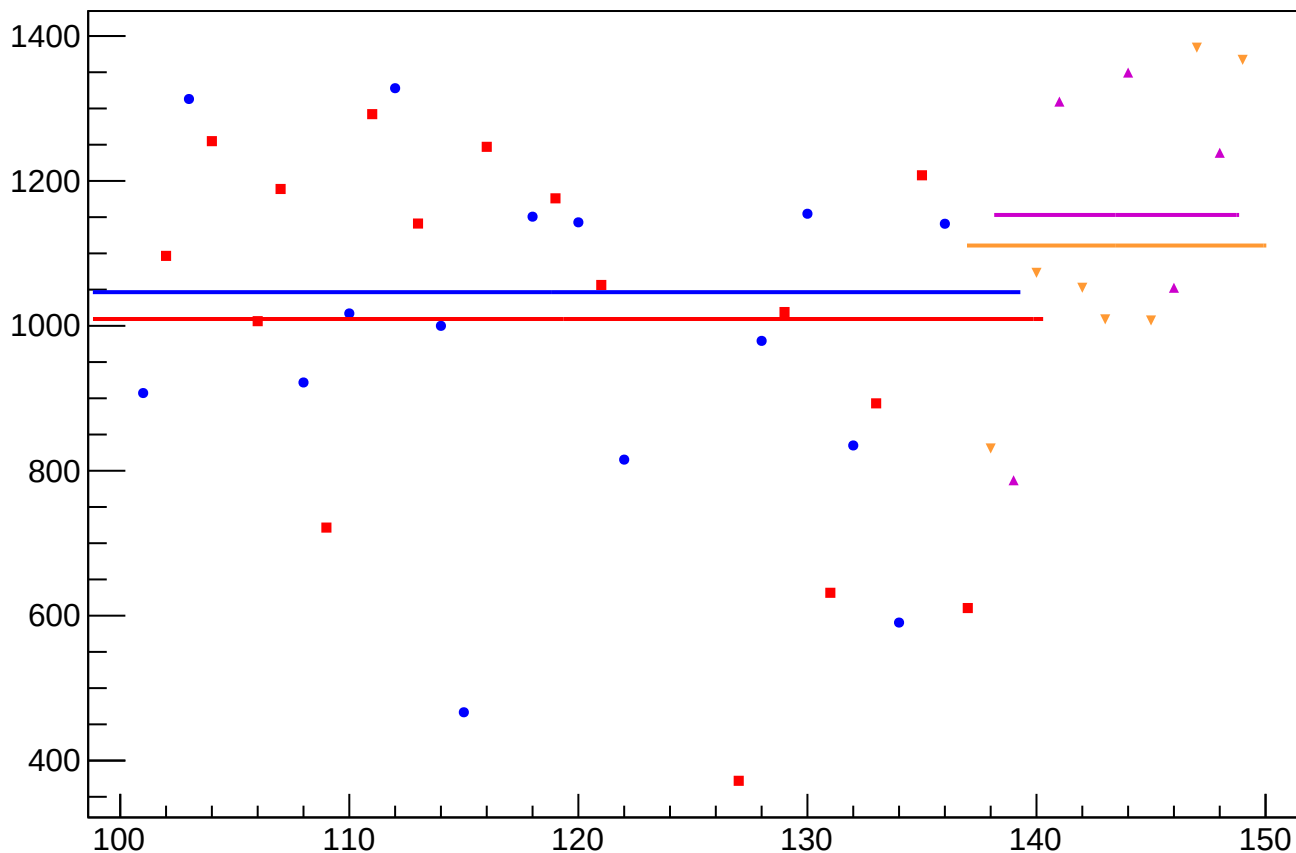
Left In: 875.406+/-0.000 χ^2/NDF : 13639895681816289376589703887657631744.0/4

All: 854.379+/-0.000 χ^2/NDF : 239016189352

+ sign 710.565+/-0.000 χ^2/NDF : 431296993173409

- 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: 1110.857 ± 0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

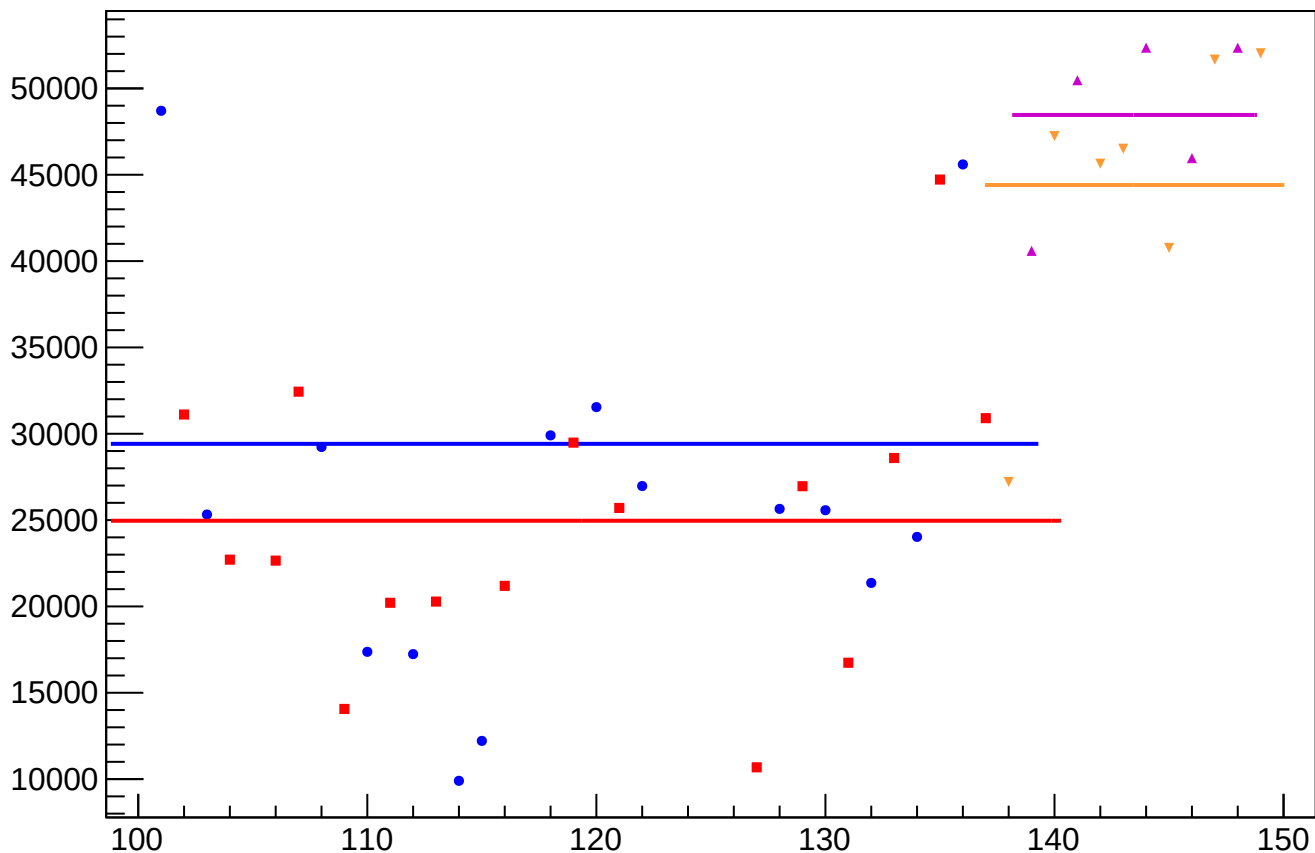
Left In: 1153.050 ± 0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999 $\pm$ 0.000 χ^2/NDF : 45344314050819

All: 1070.213 $\pm$ 0.000 χ^2/NDF : 11316701553

- sign 1065.094 $\pm$ 0.000 χ^2/NDF : 67767474552557

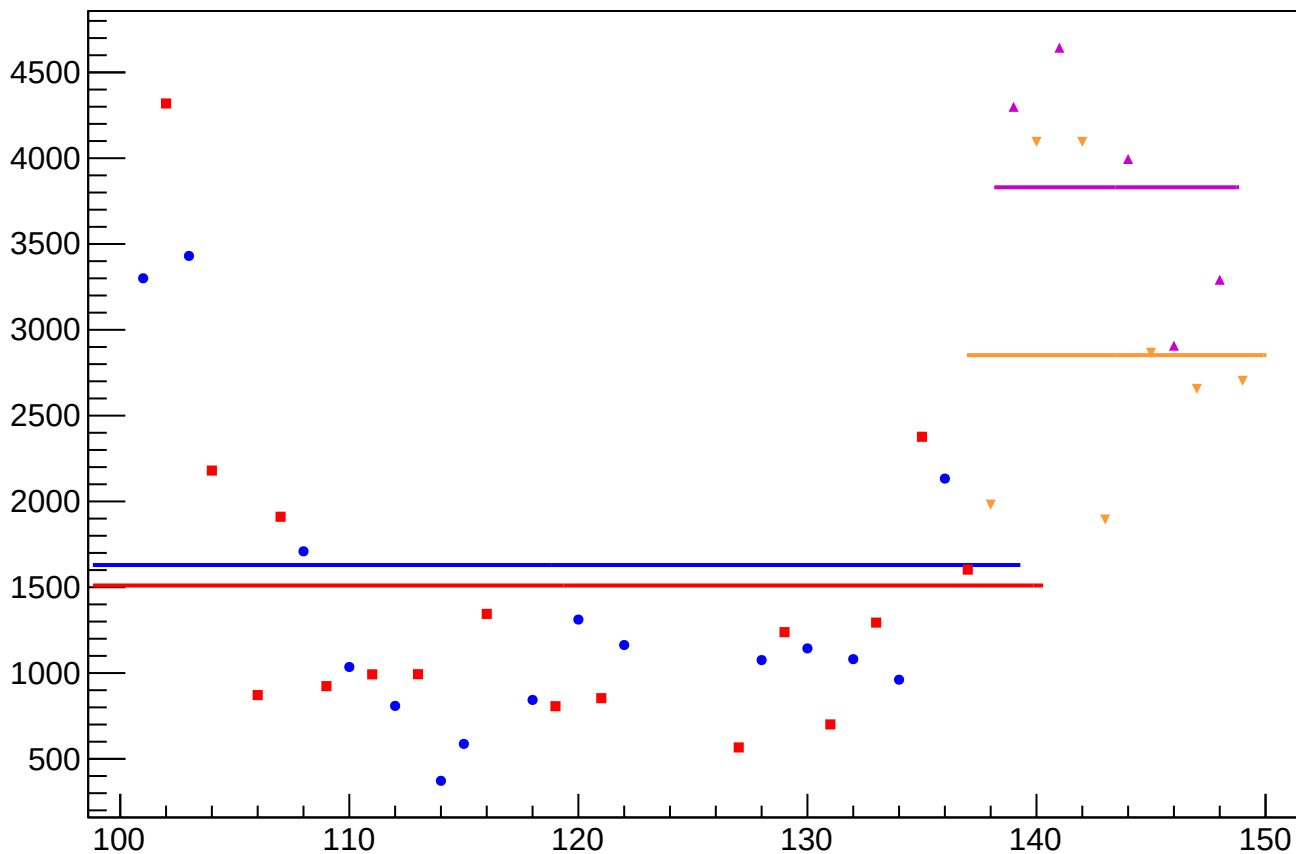
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 44407.060+/-0.000	χ^2/NDF : 34164274789360554487430426614919986151424.0/6
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 48463.286+/-0.000	χ^2/NDF : 8505099699129353492198359224046730608640.0/4

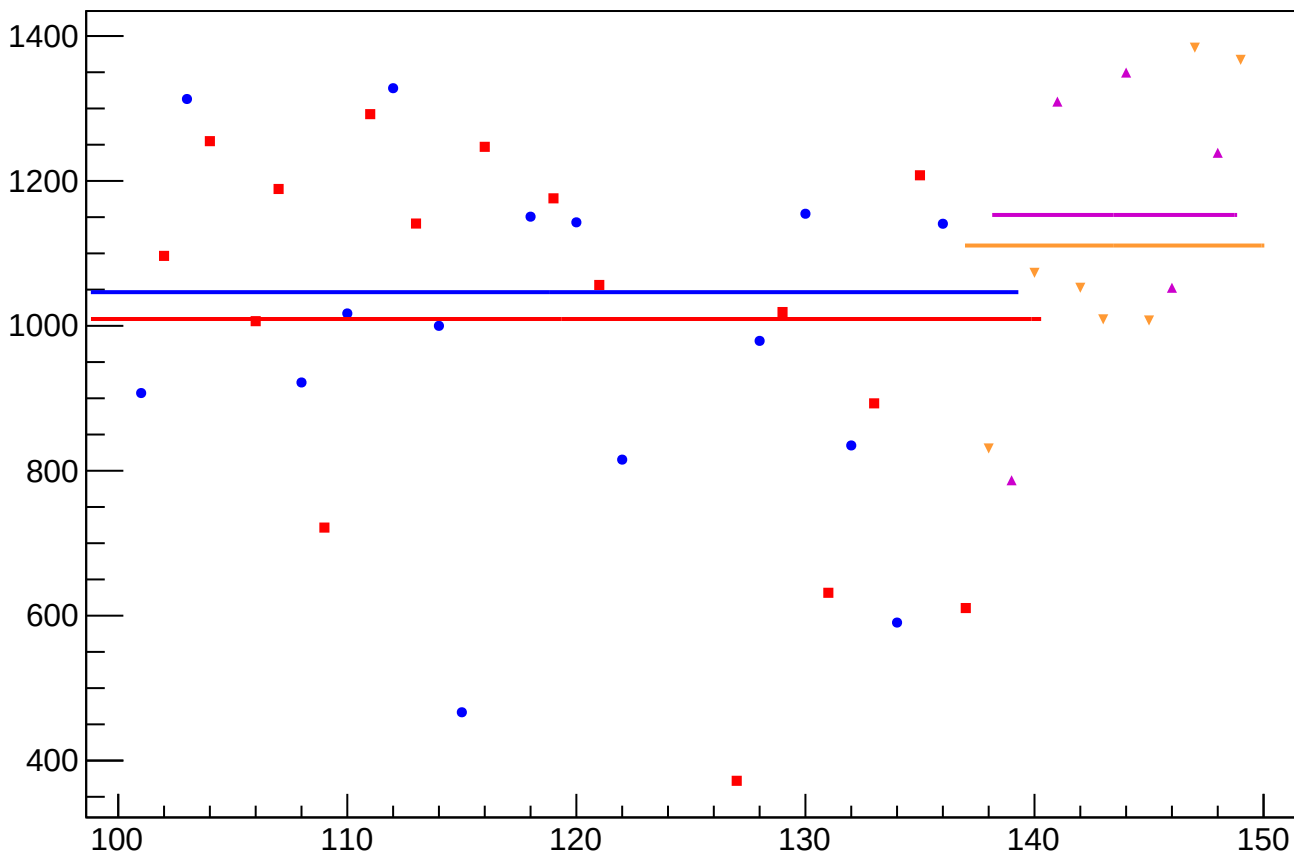
+ sign 36055.722+/-0.000 χ^2/NDF : 1705308282928
 All: 35096.163+/-0.000 χ^2/NDF : 3696312189
 - sign 34069.637+/-0.000 χ^2/NDF : 1968801722990

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 2852.702 $\pm$ 0.000 χ^2 /NDF: 323246181371918571279117711576867536896.0/6
 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: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

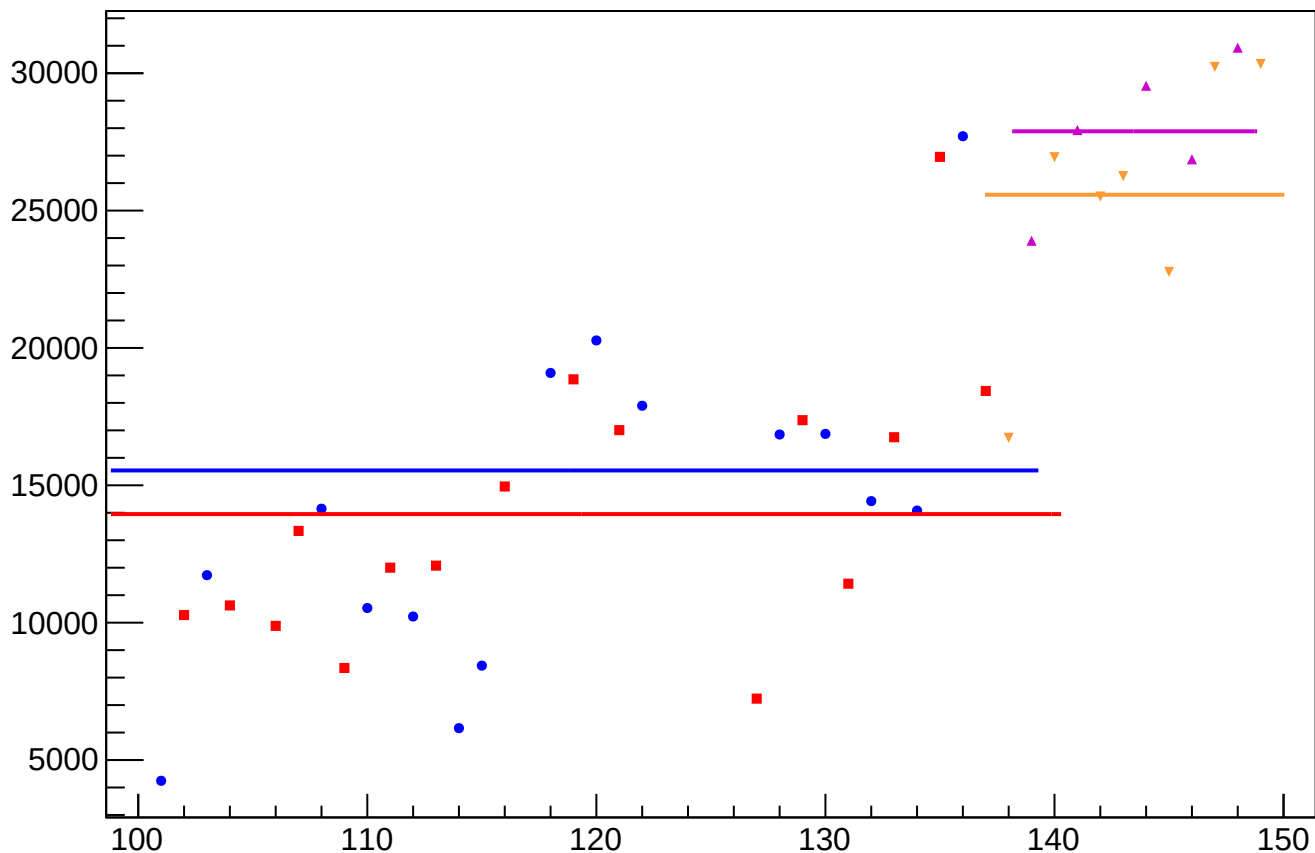
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

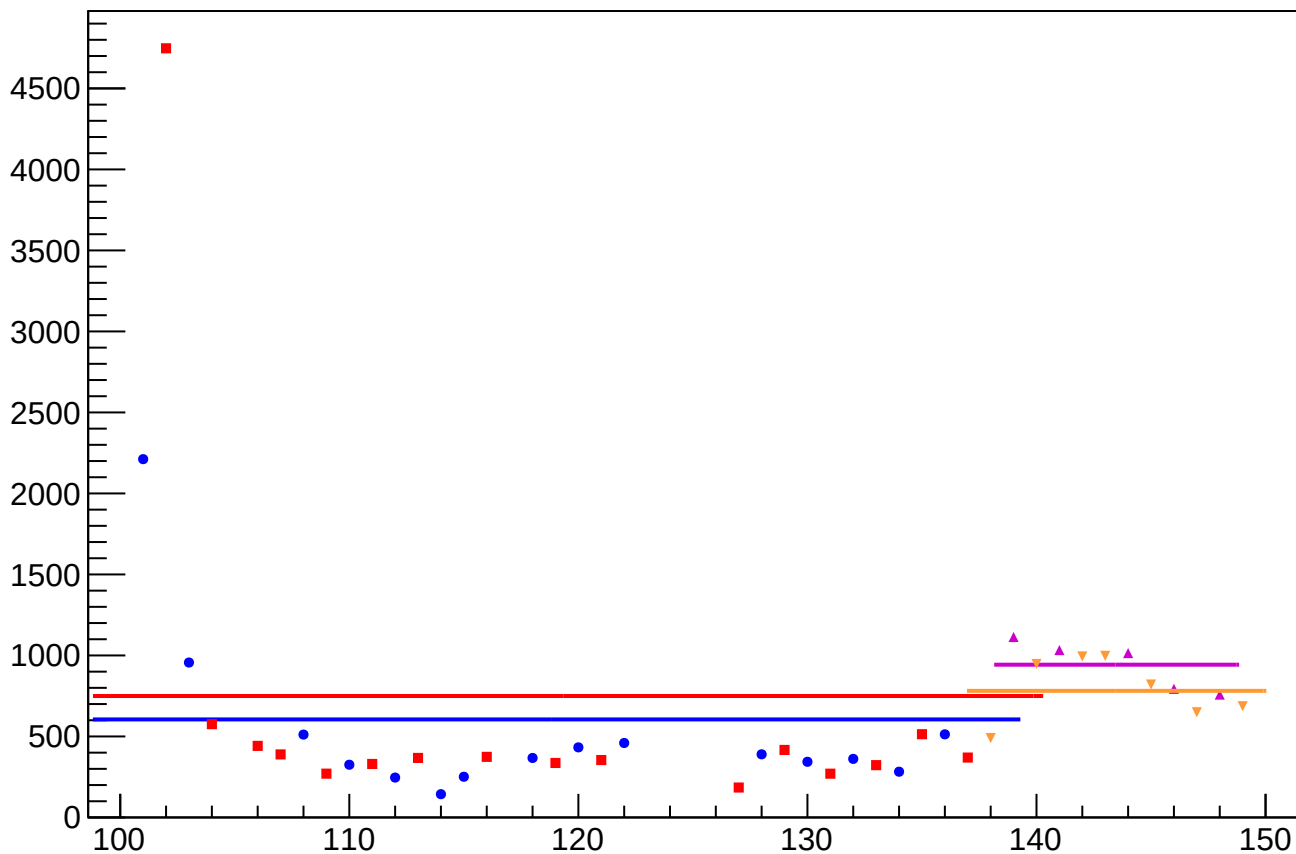
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 25576.036+/-0.000	χ^2/NDF : 10523070366943415330509537553249644576768.0/6
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 19985.584+/-0.000 χ^2/NDF : 6685512397883
 All: 19679.229+/-0.000 χ^2/NDF : 1366161301
 - 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: 781.509+/-0.000 χ^2/NDF : 16319315463197920380712003616152485888.0/6

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

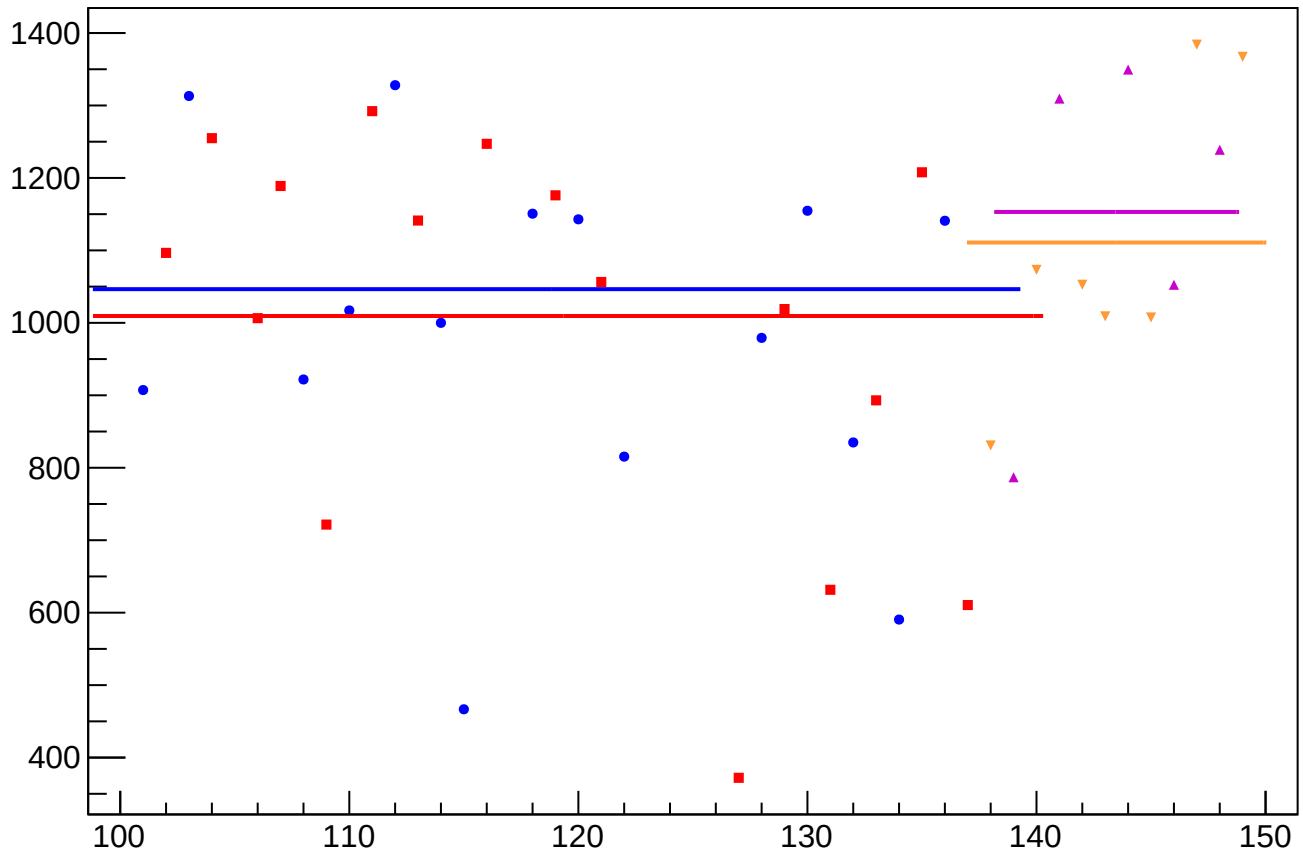
Left In: 942.933+/-0.000 χ^2/NDF : 8219553757436396027808373139954466816.0/4

+ sign 683.198+/-0.000 χ^2/NDF : 214673109150280

All: 751.471+/-0.000 χ^2/NDF : 126515371213

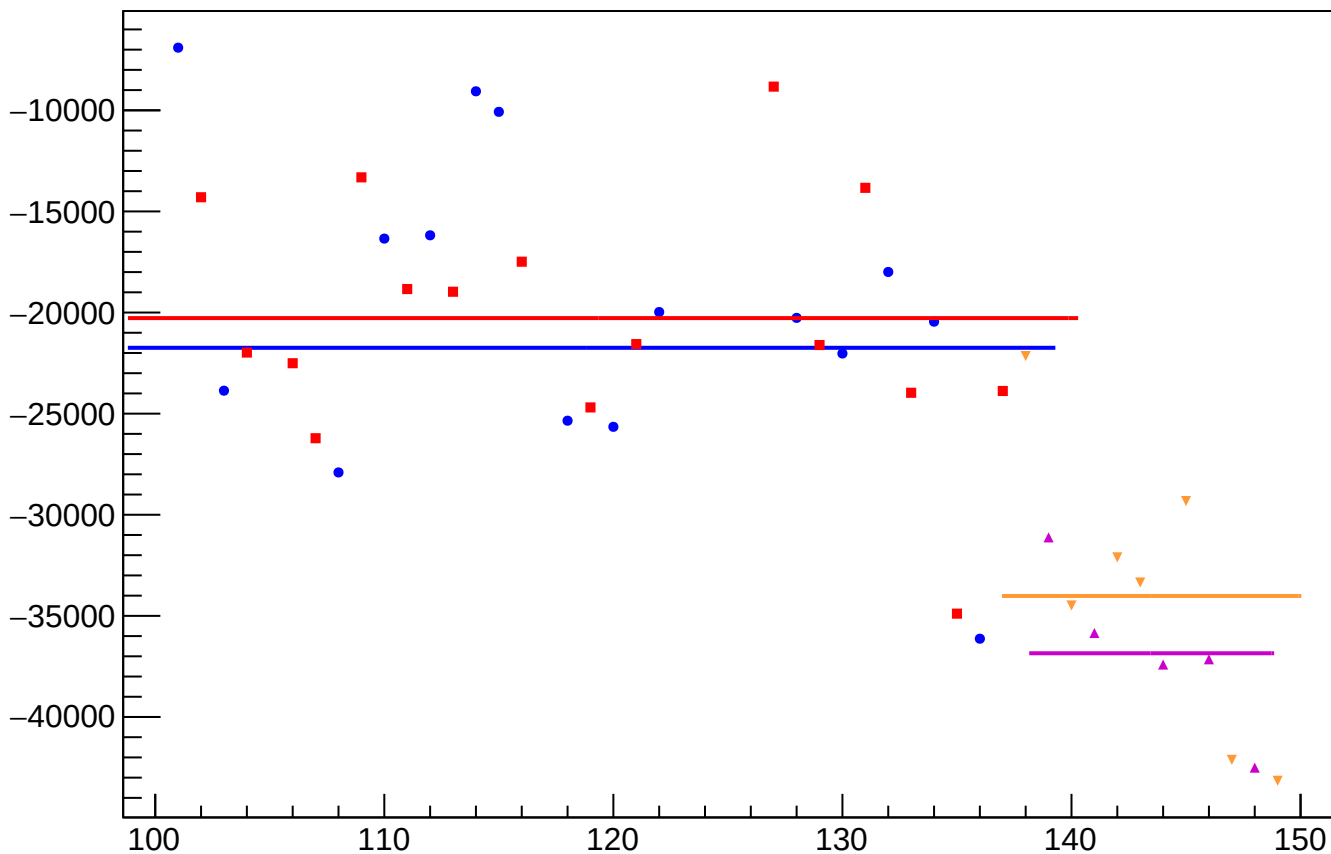
- sign 824.508+/-0.000 χ^2/NDF : 103924112217574

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1074.999+/-0.000	χ^2/NDF : 45344314050819
Left Out: 1110.857+/-0.000	χ^2/NDF : 19286749858126433624491028262376439808.0/6	All: 1070.213+/-0.000	χ^2/NDF : 11316701553
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_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14

Left Out: -34016.469+/-0.000 χ^2/NDF : 25117634223654377850700759474018524856320.0/6

Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15

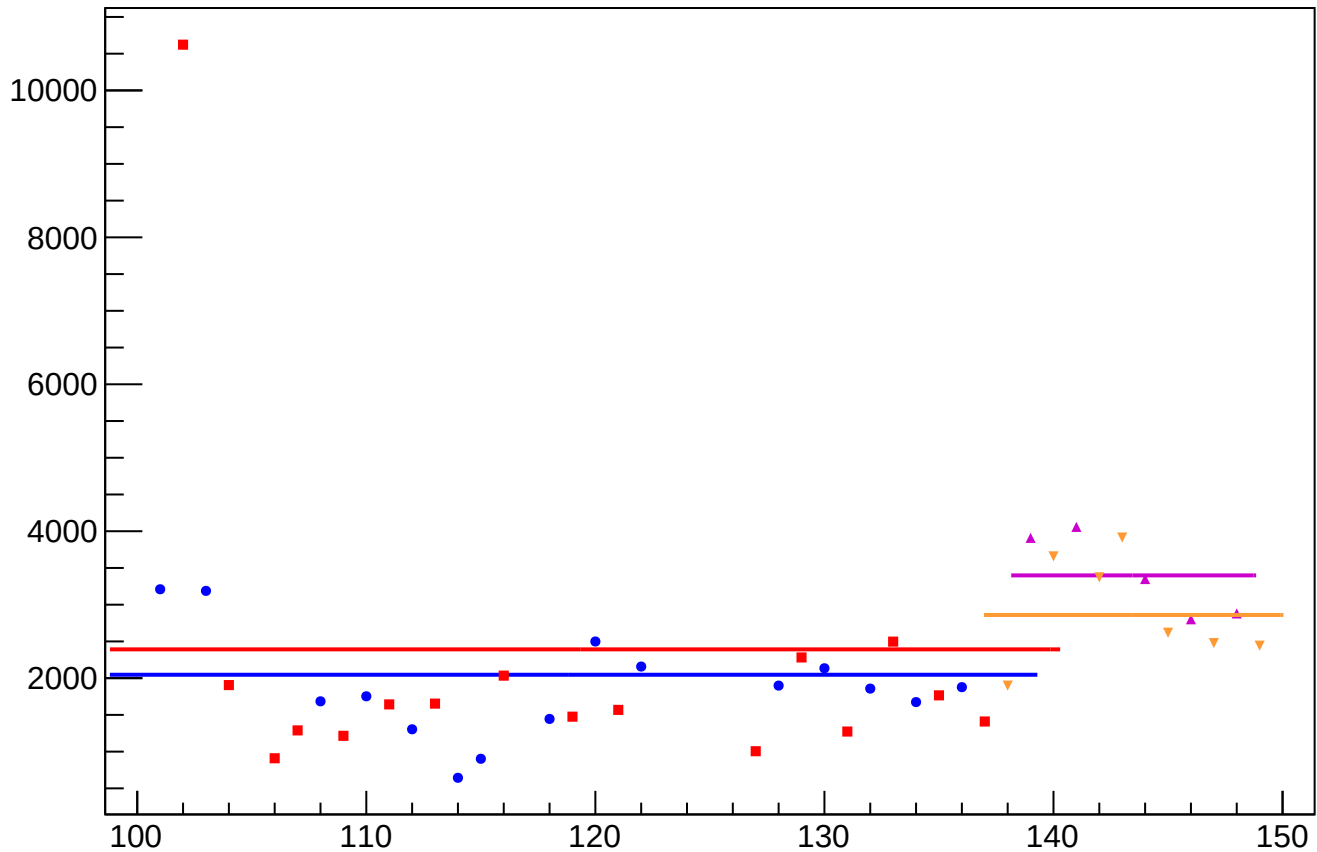
Left In: -36849.151+/-0.000 χ^2/NDF : 5468703698737574508004167892660524154880.0/4

+ sign -27179.346+/-0.000 χ^2/NDF : 109523472452

All: -26946.753+/-0.000 χ^2/NDF : 212057333

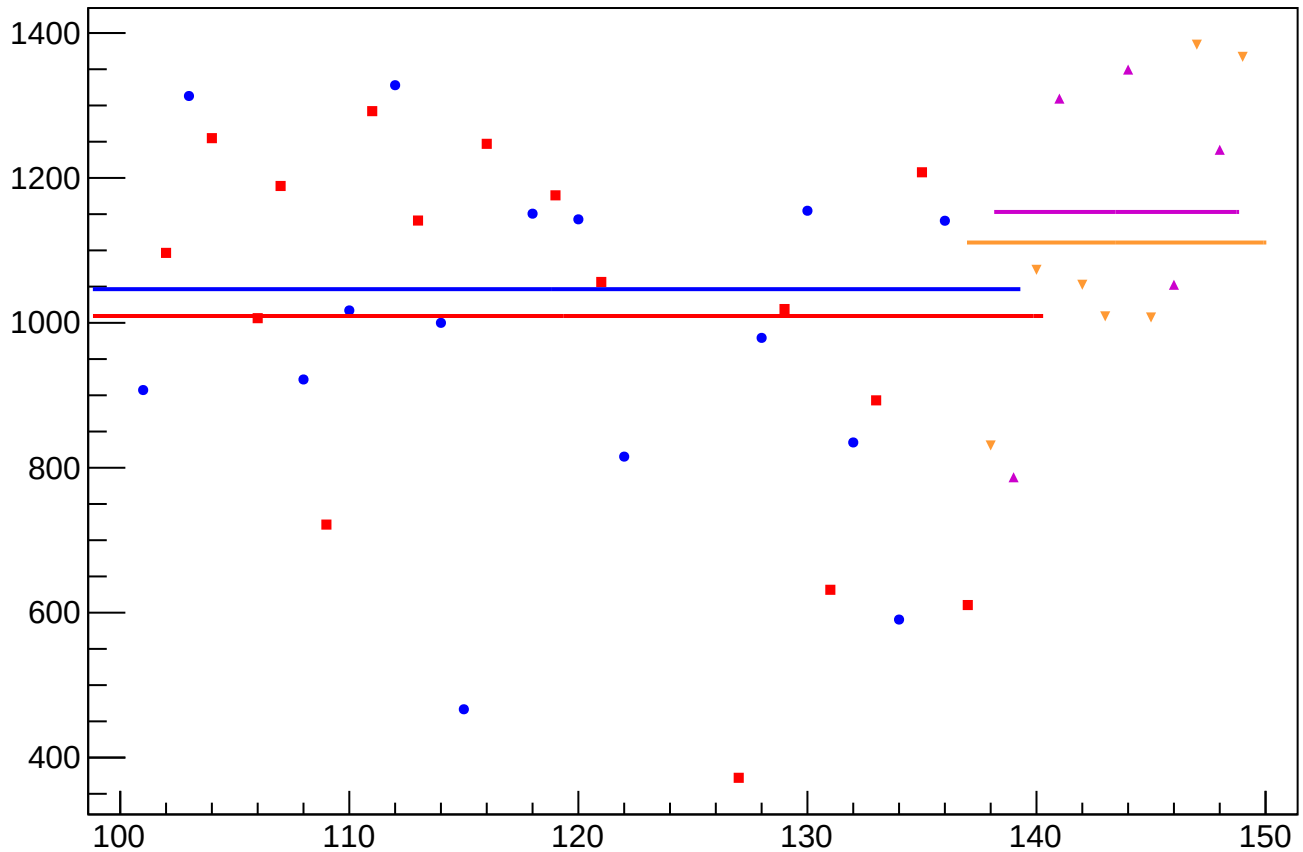
- sign -26697.928+/-0.000 χ^2/NDF : 1024034111218

dit_atr2_coil1_err_mean vs Slug



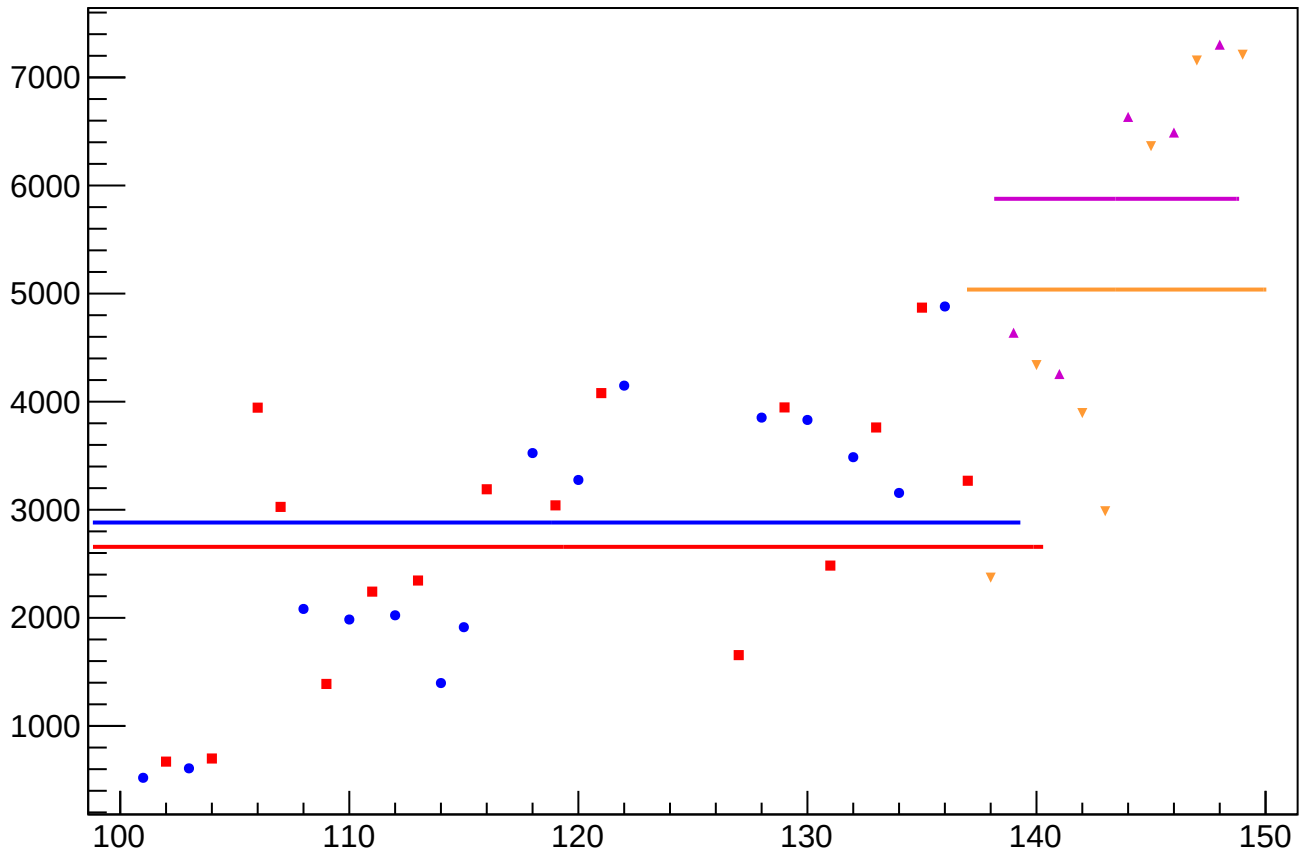
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2406.824+/-0.000	χ^2/NDF : 69861638863559
Left Out: 2860.206+/-0.000	χ^2/NDF : 241664153953763127597560555107296215040.0/6	All: 2588.141+/-0.000	χ^2/NDF : 5565743963
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2782.113+/-0.000	χ^2/NDF : 47878535426059
Left In: 3398.809+/-0.000	χ^2/NDF : 110524721967498727919296628158564925440.0/4		

dit_atr2_coil1_Ndata_mean vs Slug



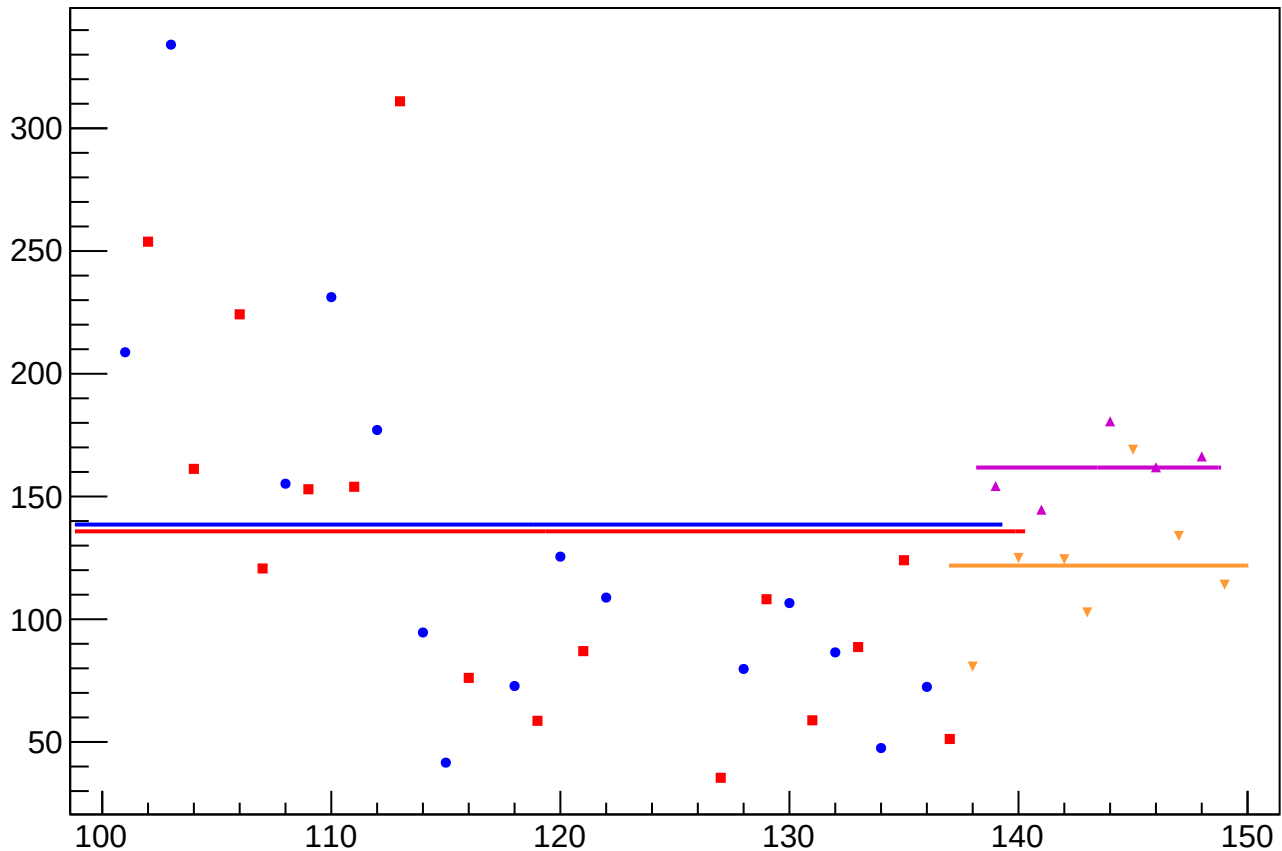
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5037.341+/-0.000 χ^2/NDF : 1825375045937111594894475528495427485696.0/6
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 5876.898+/-0.000 χ^2/NDF : 600789852581032006515132723239940259840.0/4

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14

Left Out: 121.862+/-0.000 χ^2/NDF : 354594359051181891938342692580229120.0/6

Right Out: 135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15

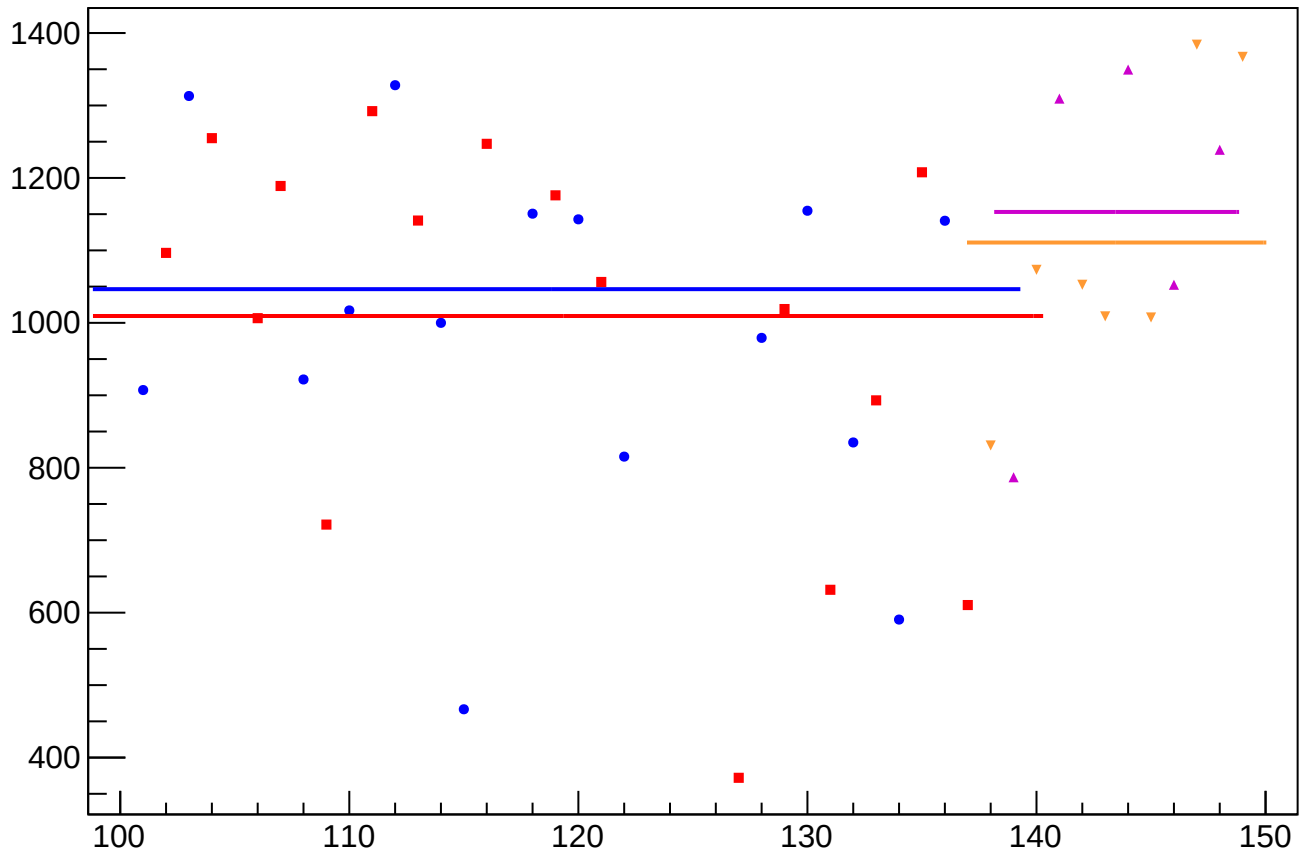
Left In: 161.802+/-0.000 χ^2/NDF : 62836010933974819666949015787798528.0/4

+ sign 131.174+/-0.000 χ^2/NDF : 467728127153125

All: 138.279+/-0.000 χ^2/NDF : 899290729628

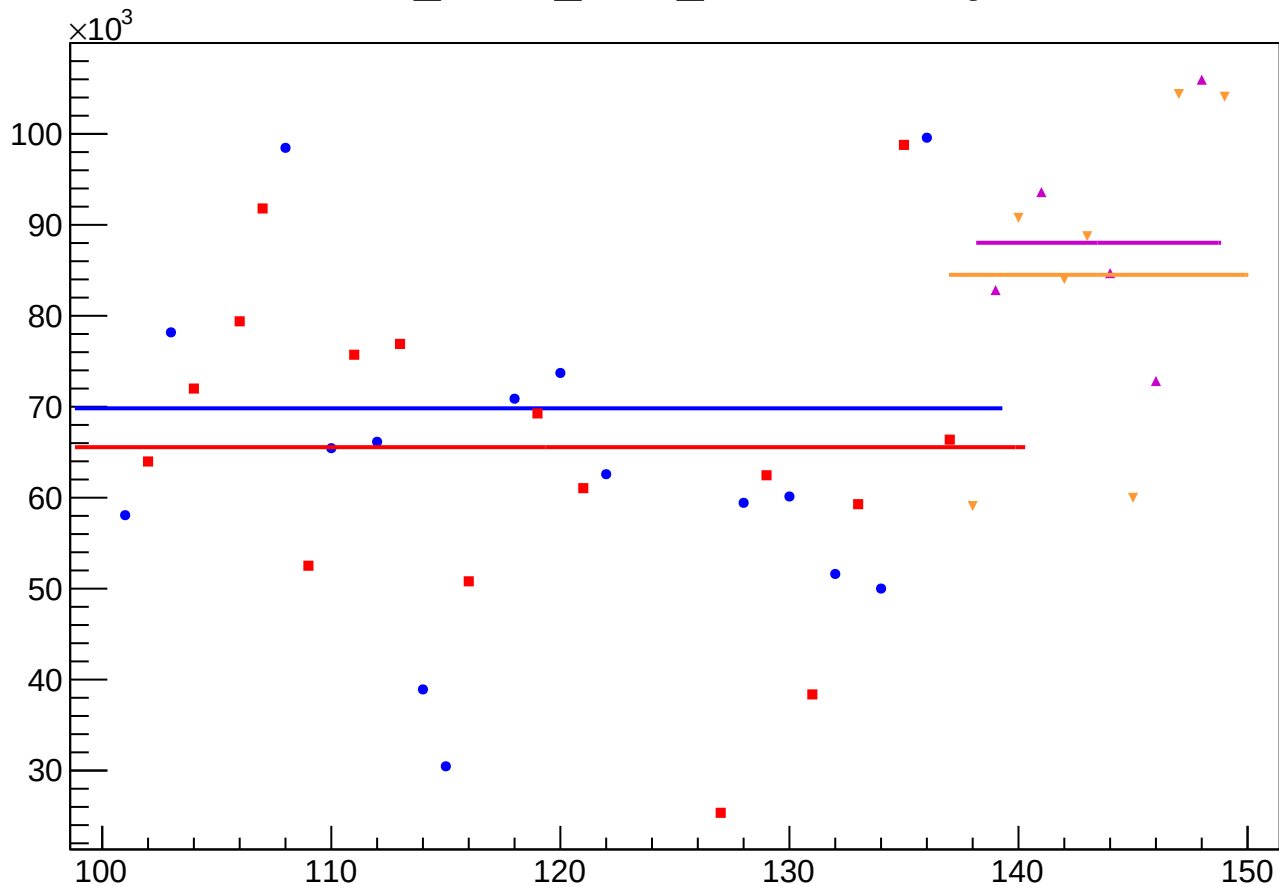
- sign 145.881+/-0.000 χ^2/NDF : 419387030738506

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

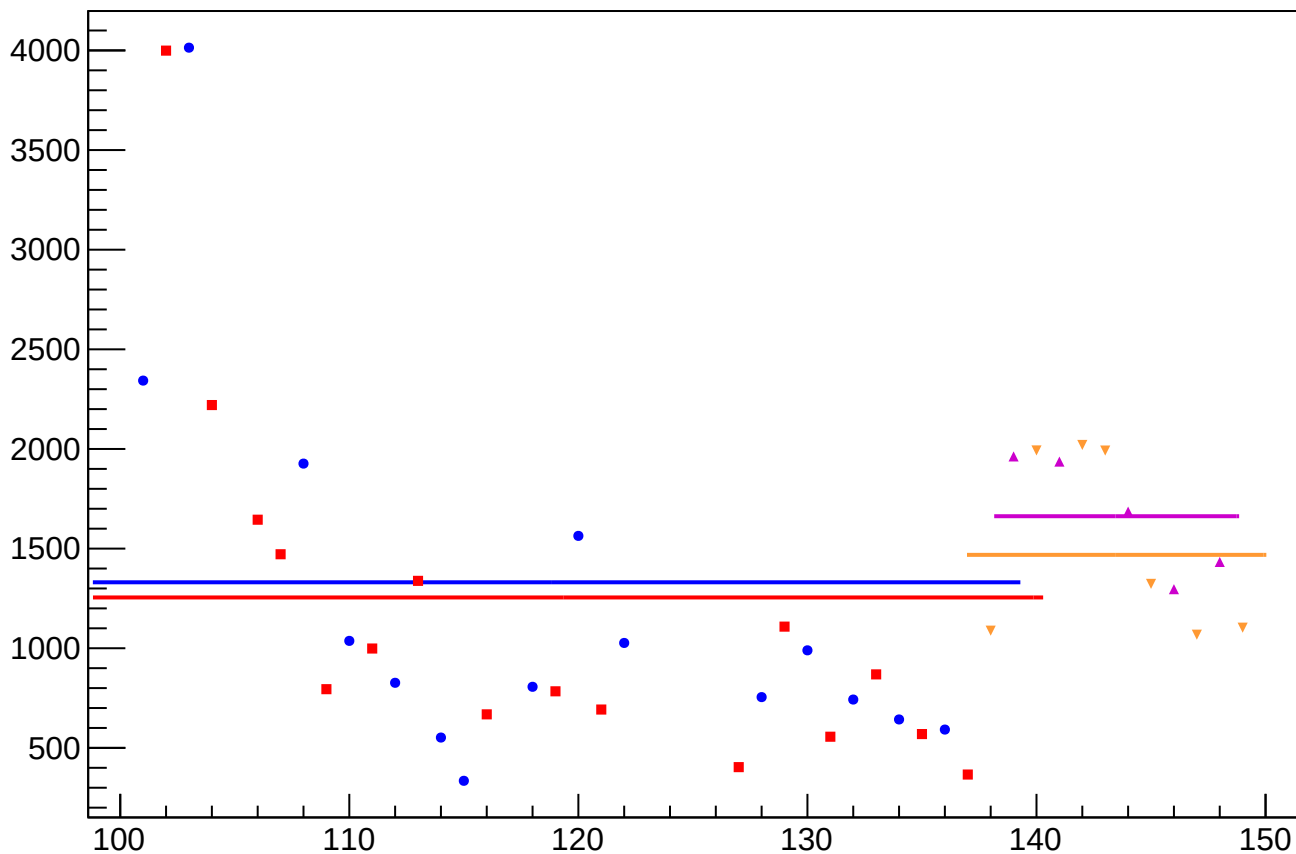
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2/NDF : 187803282116493131197684060541288926150656.0/14
Left Out: 84506.950 $\pm$ 0.000	χ^2/NDF : 166566416521867591789311633929681852432384.0/6
Right Out: 65555.147 $\pm$ 0.000	χ^2/NDF : 212001467811386750910625783195999741673472.0/15
Left In: 88029.624 $\pm$ 0.000	χ^2/NDF : 52010638002142387975960764087248271441920.0/4

+ sign 76329.465 $\pm$ 0.000 χ^2/NDF : 4163095957858
 All: 75331.682 $\pm$ 0.000 χ^2/NDF : 8132761407
 - sign 74264.265 $\pm$ 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

+ sign 1391.933+/-0.000 χ^2/NDF : 74653054010934

Left Out: 1468.628+/-0.000 χ^2/NDF : 91601034059548894949475628975130673152.0/6

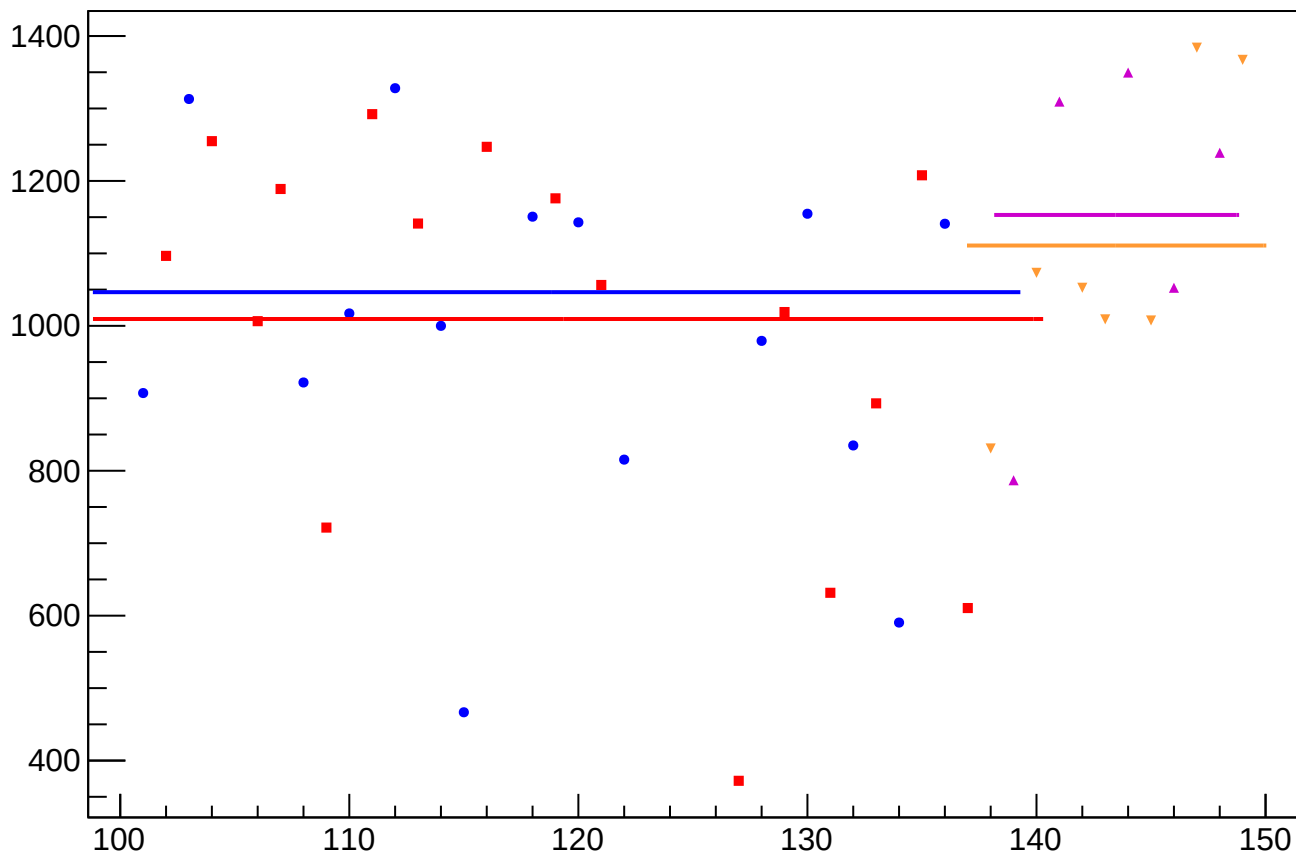
All: 1402.038+/-0.000 χ^2/NDF : 14511507808

Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

- sign 1412.847+/-0.000 χ^2/NDF : 70437405206921

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: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

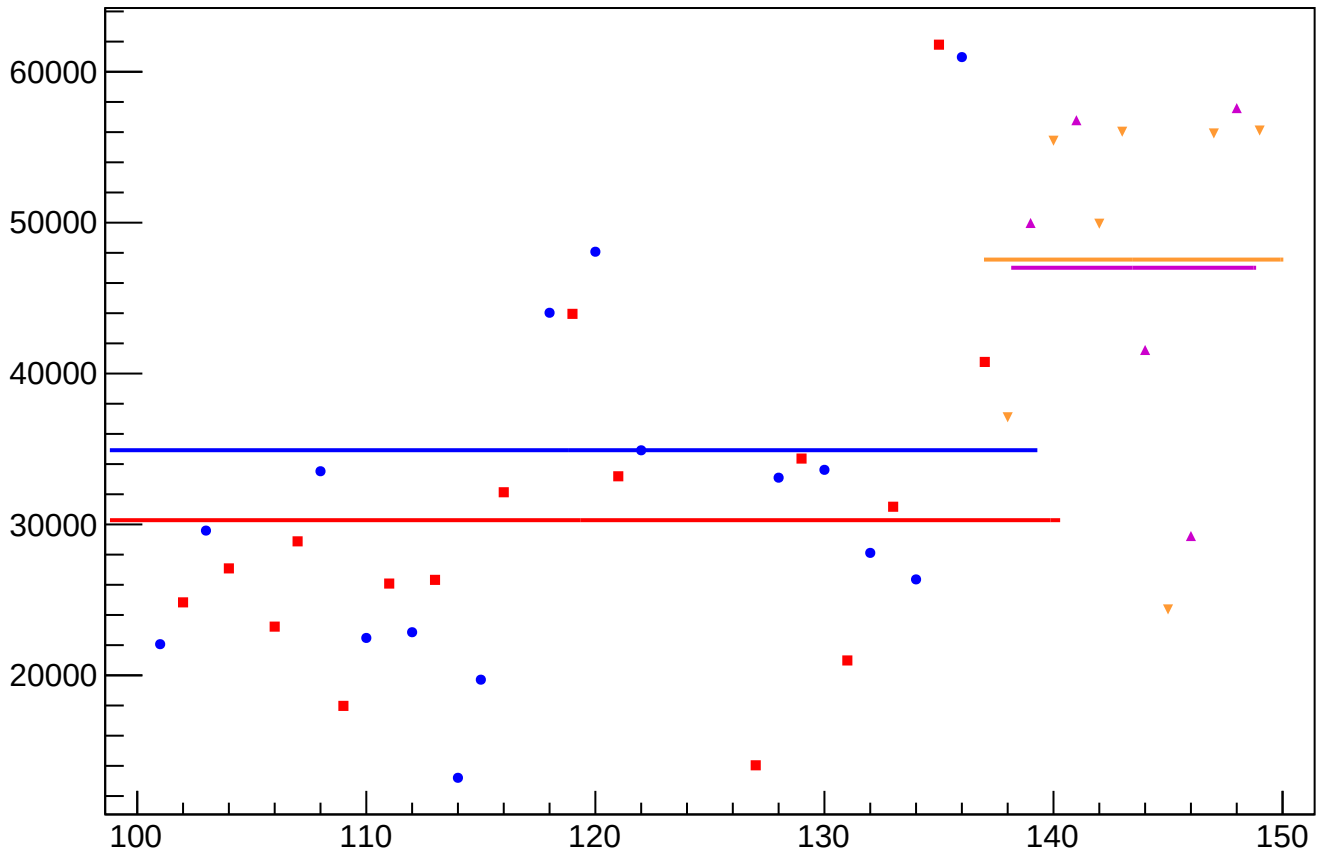
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

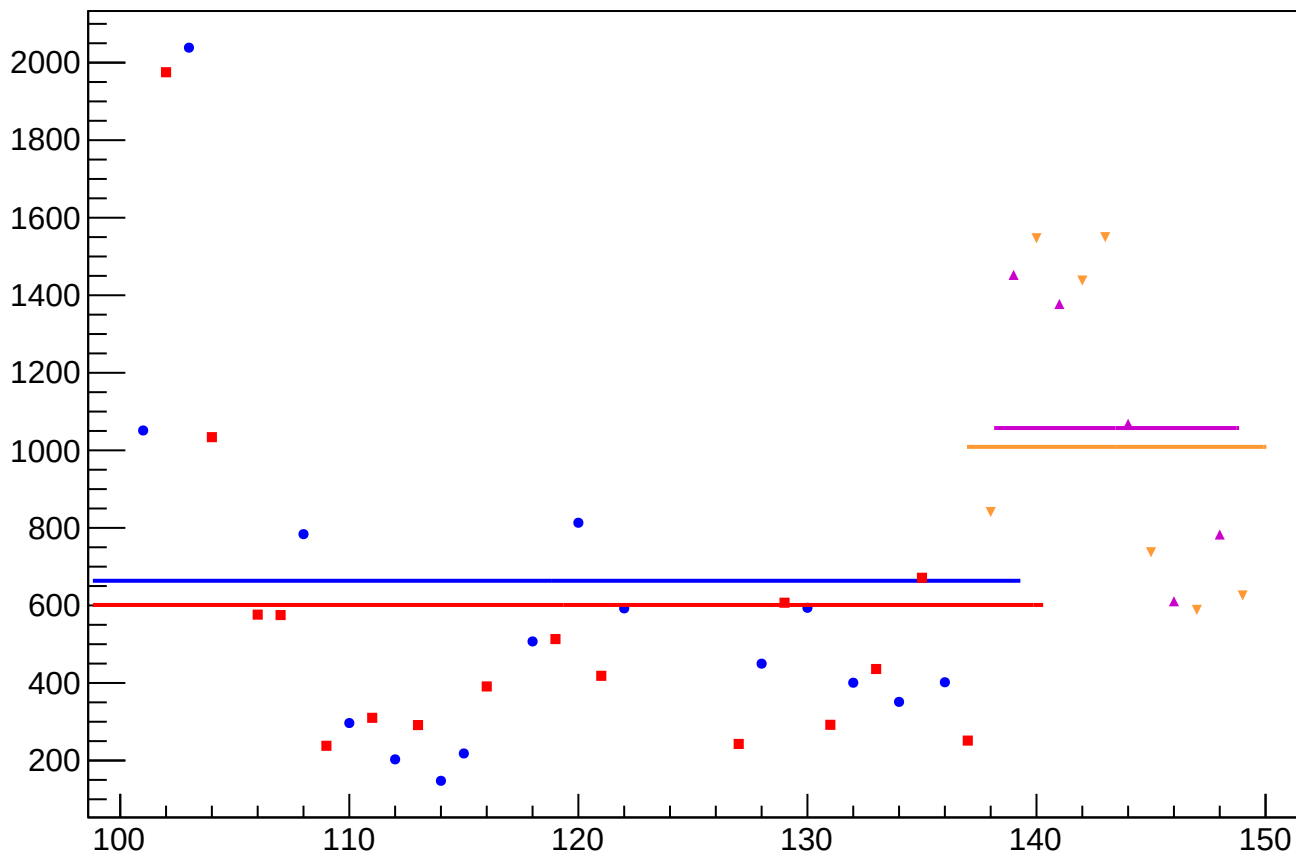
- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 47553.780+/-0.000 χ^2/NDF : 73819741054580162530424566657931179720704.0/6
 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



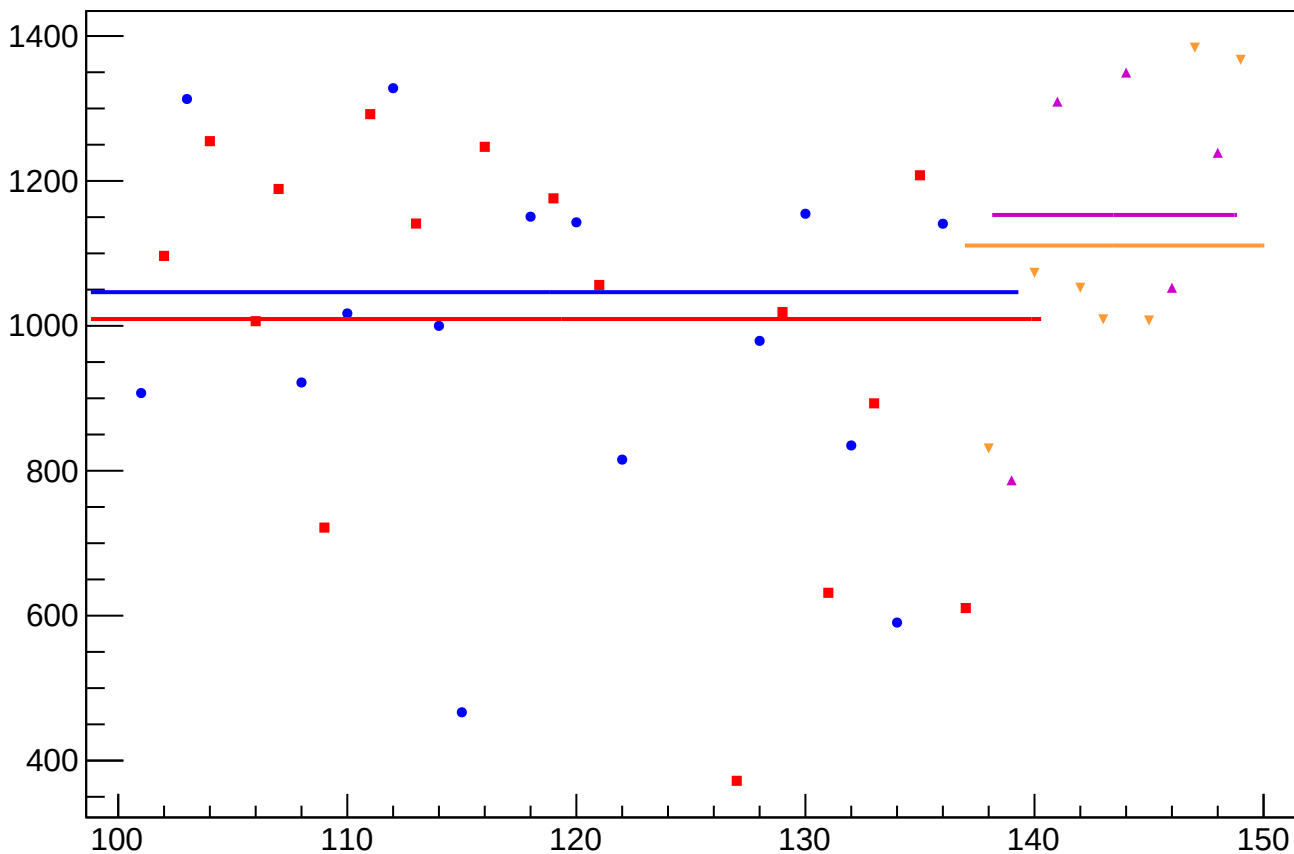
Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 1008.934+/-0.000 χ^2/NDF : 86114861187701462102802941966834204672.0/6

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

Left In: 1057.555+/-0.000 χ^2/NDF : 44251209342835575036886484613282660352.0/4

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1110.857 +/- 0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

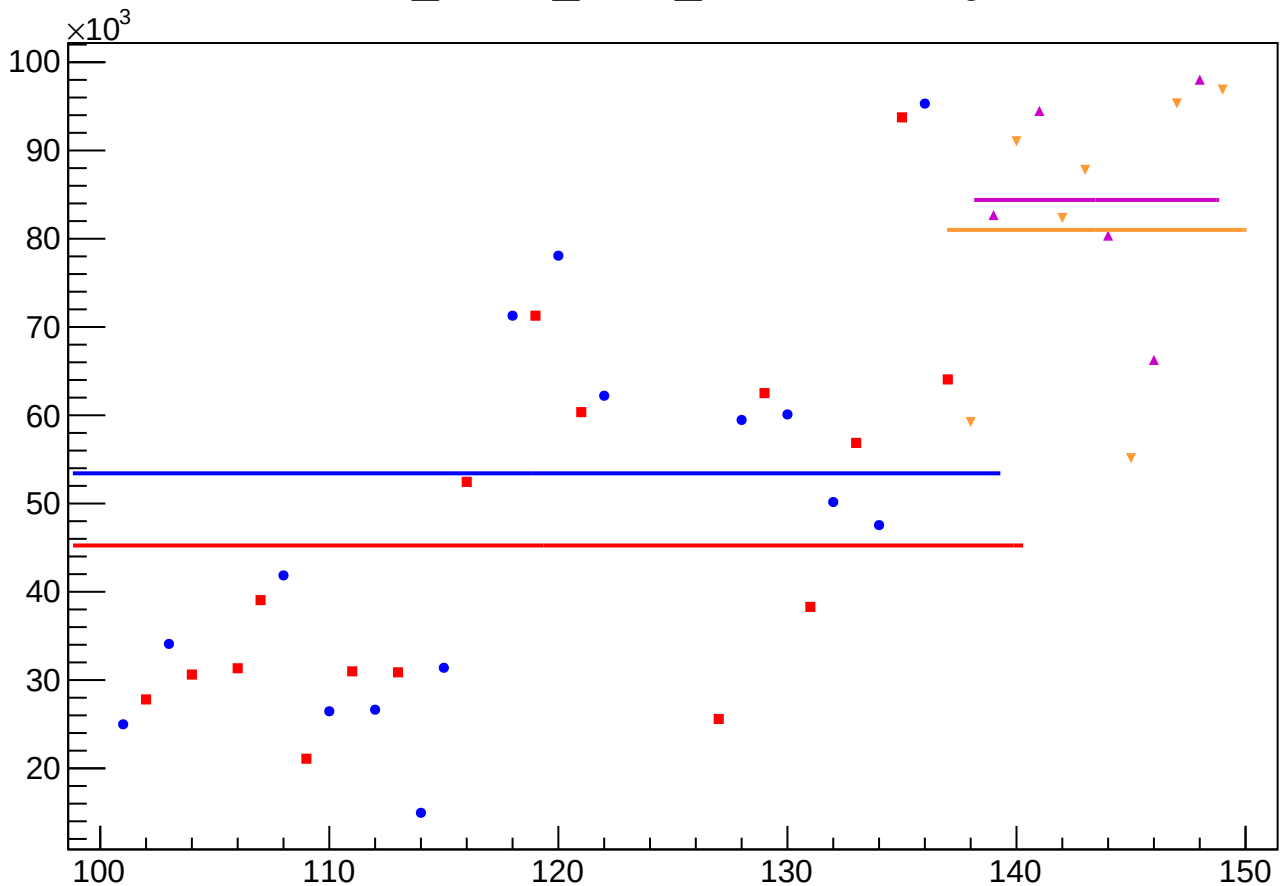
Left In: 1153.050 +/- 0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999 +/- 0.000 χ^2/NDF : 45344314050819

All: 1070.213 +/- 0.000 χ^2/NDF : 11316701553

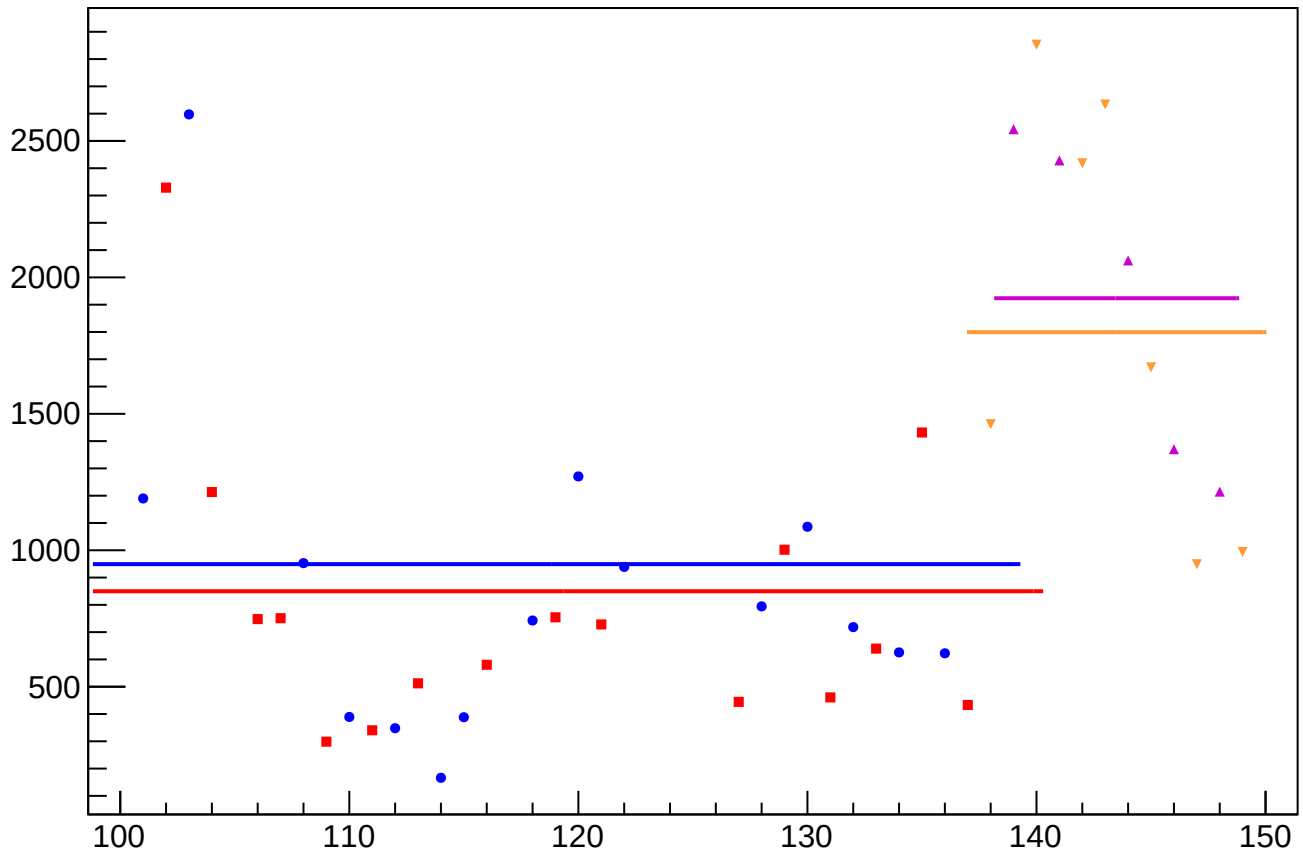
- sign 1065.094 +/- 0.000 χ^2/NDF : 67767474552557

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 81002.237+/-0.000 χ^2/NDF : 139810058132968330049650682360410513866752.0/6
 Right Out: 45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 84395.673+/-0.000 χ^2/NDF : 53203910901052797959347210355139474882560.0/4

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1799.237+/-0.000 χ^2/NDF : 276369739854968198122118034499846537216.0/6

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

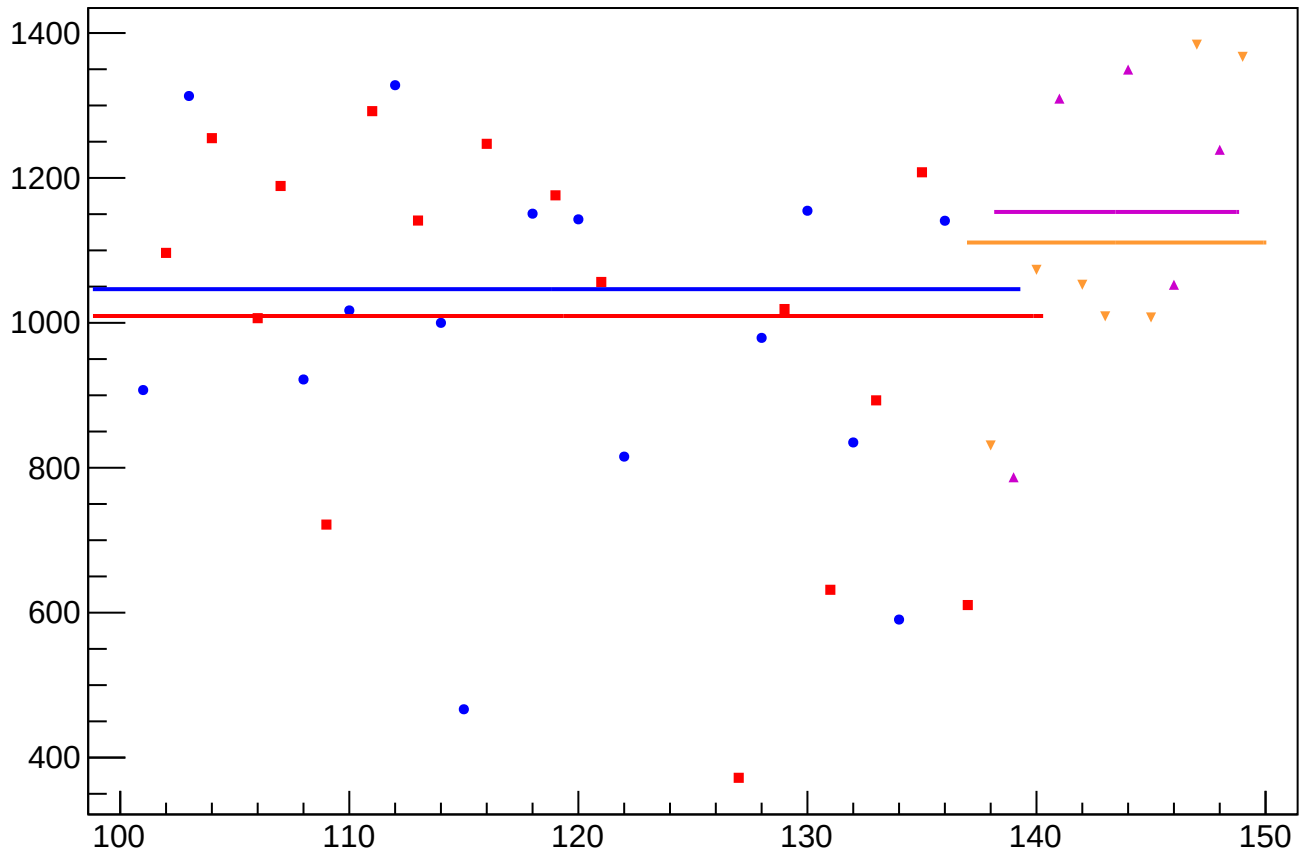
Left In: 1923.625+/-0.000 χ^2/NDF : 122035447034161716546379351154686427136.0/4

+ sign 1325.695+/-0.000 χ^2/NDF : 70976583695838

All: 1296.823+/-0.000 χ^2/NDF : 1336460818

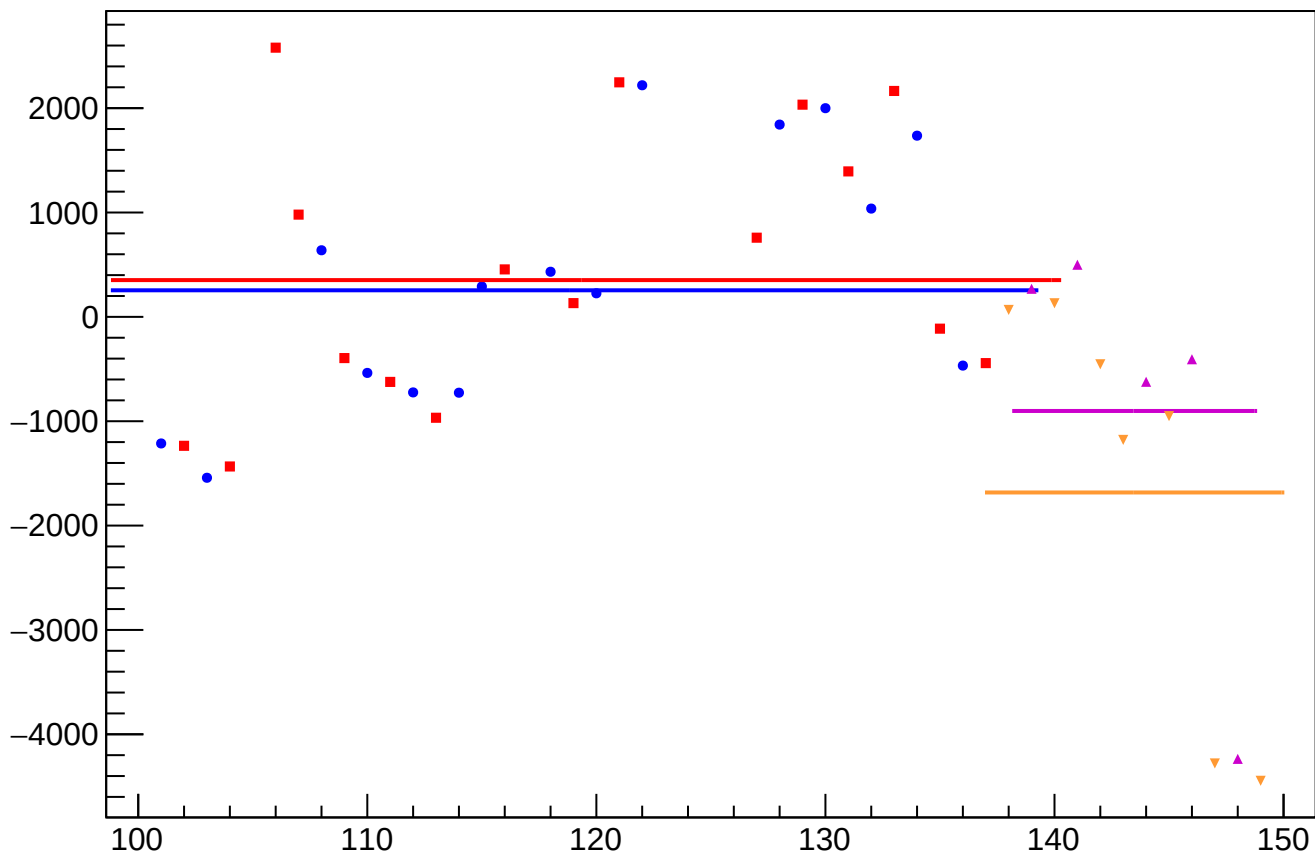
- sign 1265.936+/-0.000 χ^2/NDF : 62468489903905

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6
 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_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -1682.736+/-0.000 χ^2/NDF : 1805105865397043421470728389042060132352.0/6

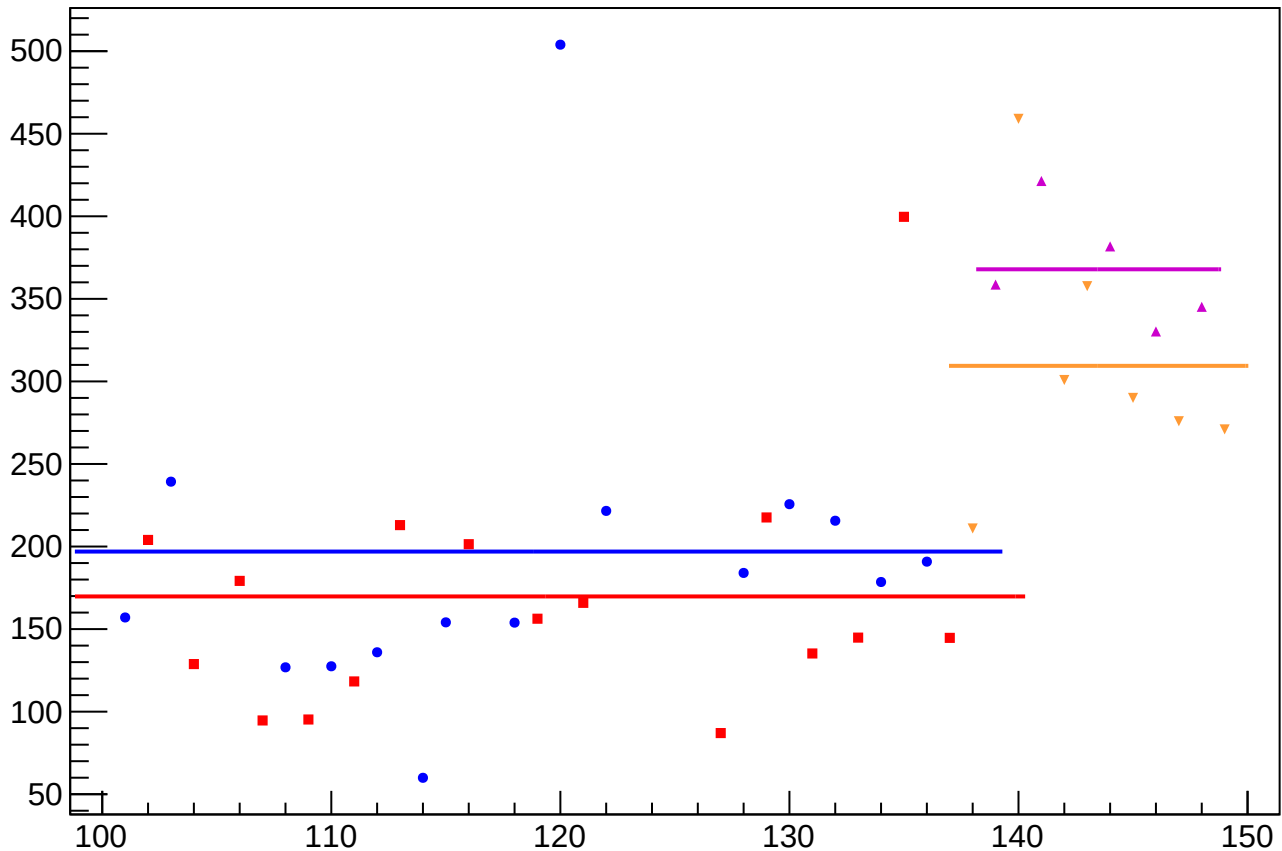
Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

Left In: -901.761+/-0.000 χ^2/NDF : 1238825456234370569806336290683973795840.0/4

All: -376.497+/-0.000 χ^2/NDF : 67327580262

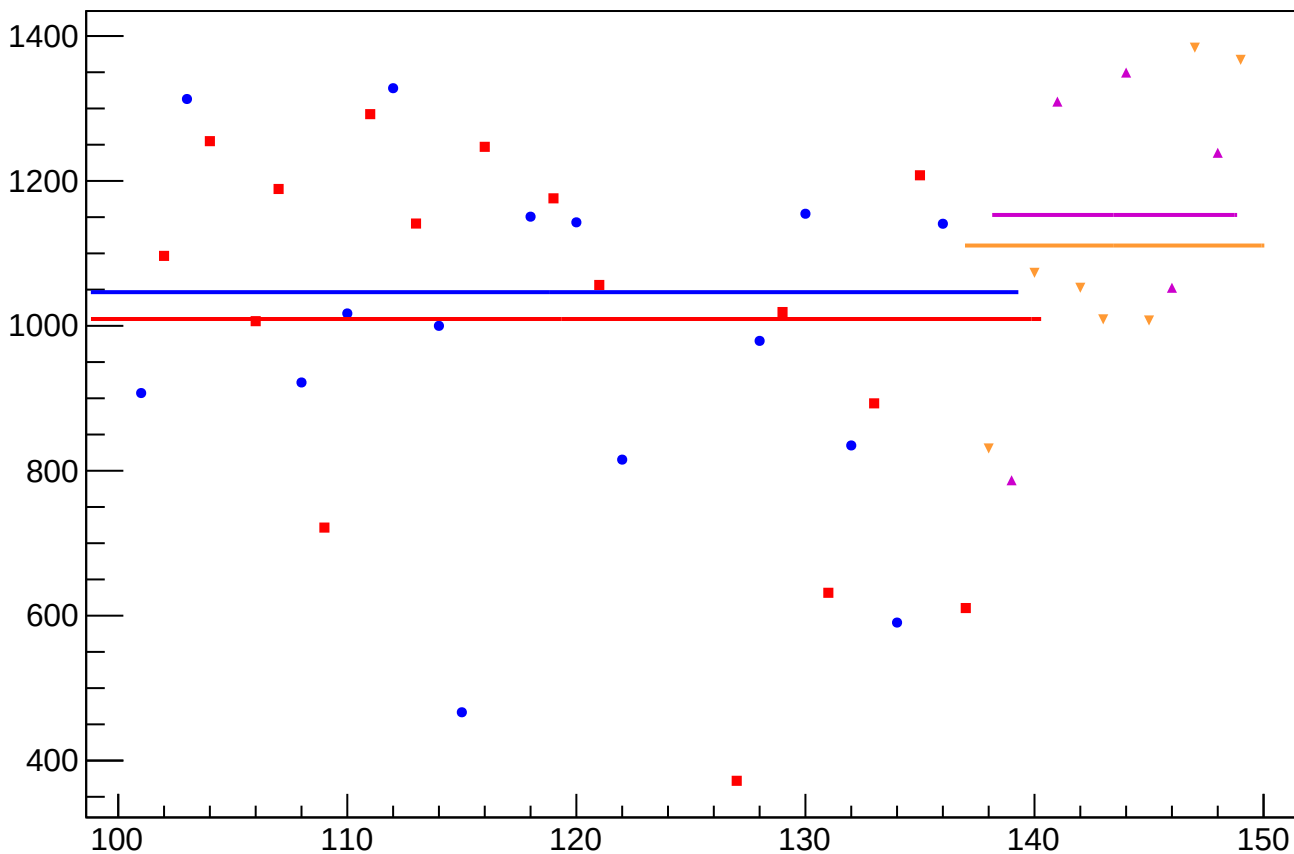
- sign -133.658+/-0.000 χ^2/NDF : 274613225936129

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 246.773+/-0.000	χ^2/NDF : 111154426754918
Left Out: 309.431+/-0.000	χ^2/NDF : 2993700181318015518494264785861869568.0/6	All: 246.666+/-0.000	χ^2/NDF : 255814017402
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

Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

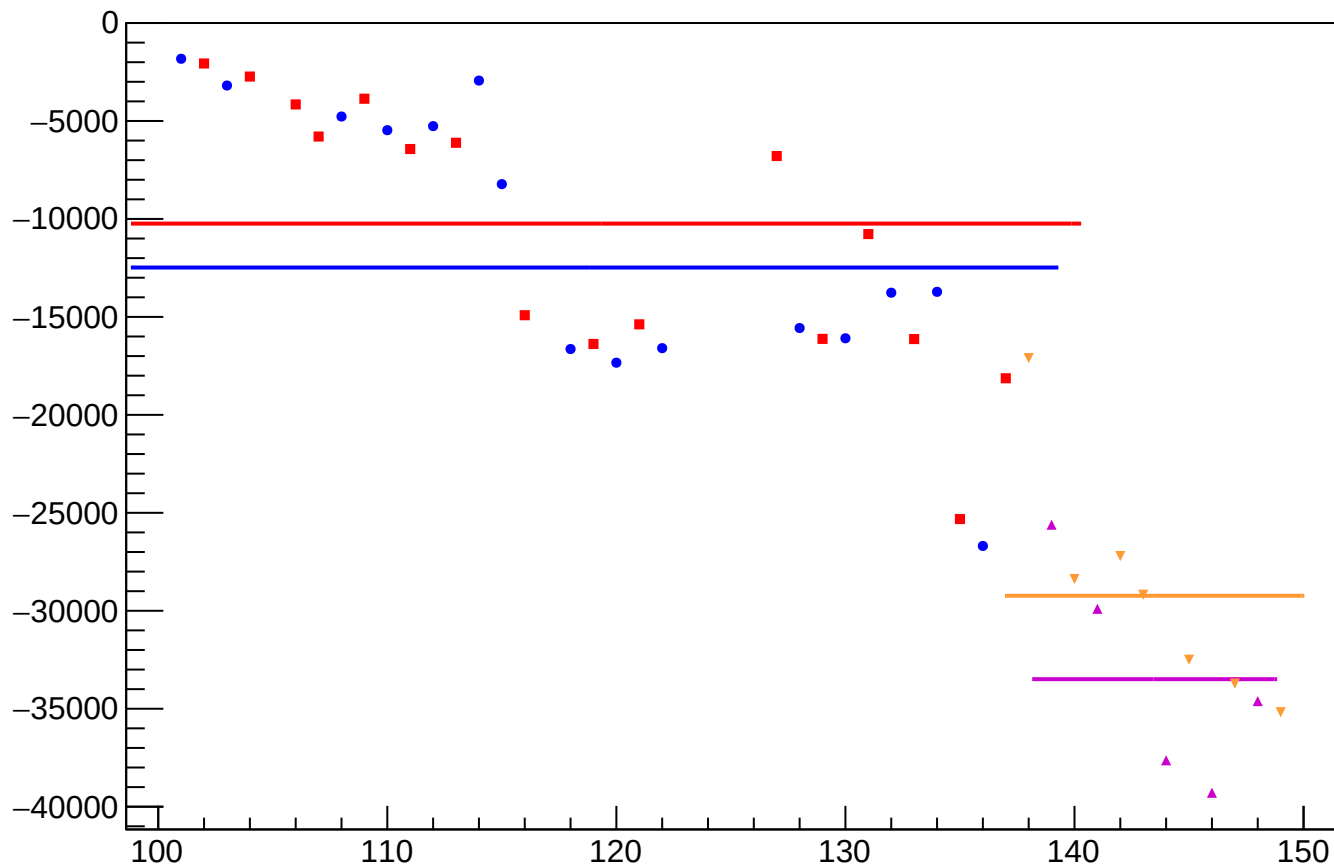
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

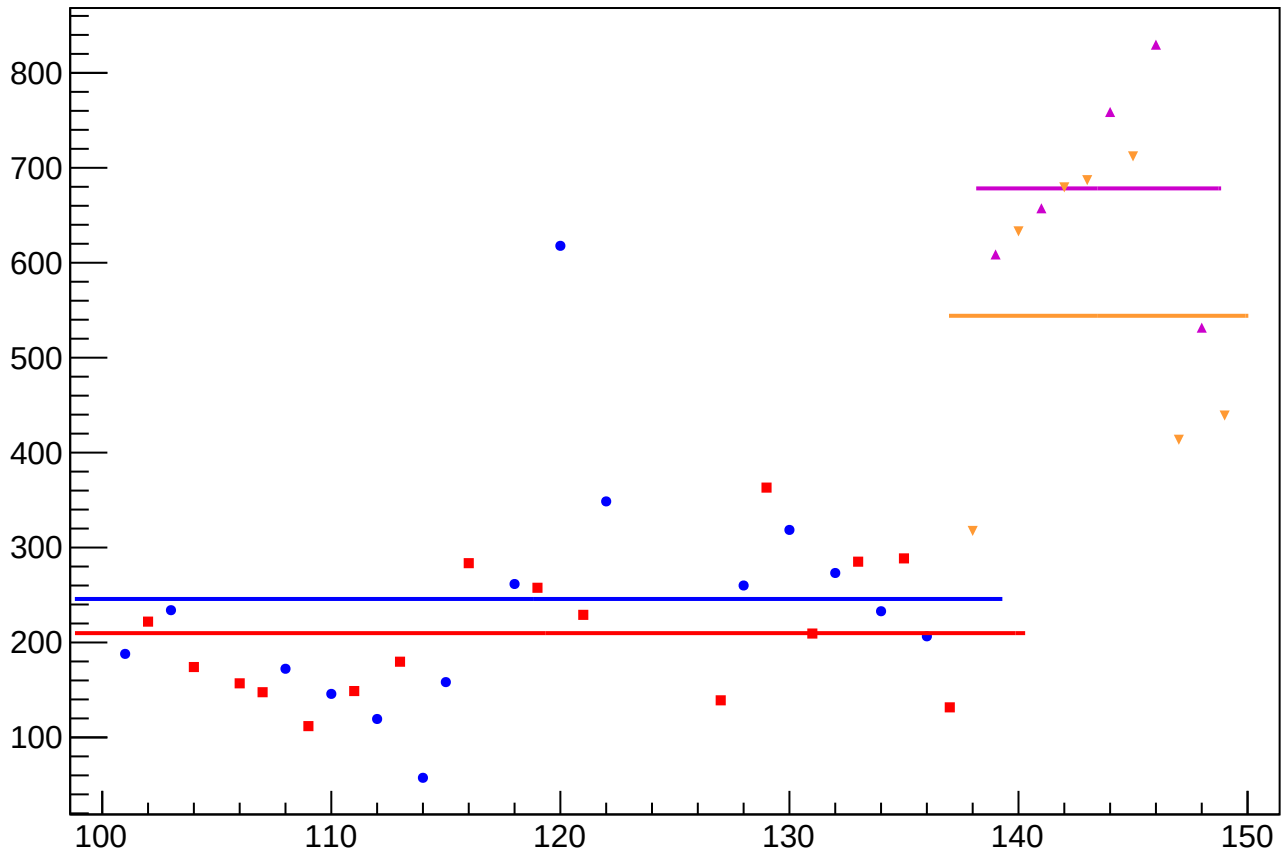
- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_sam6_coil1_mean vs Slug



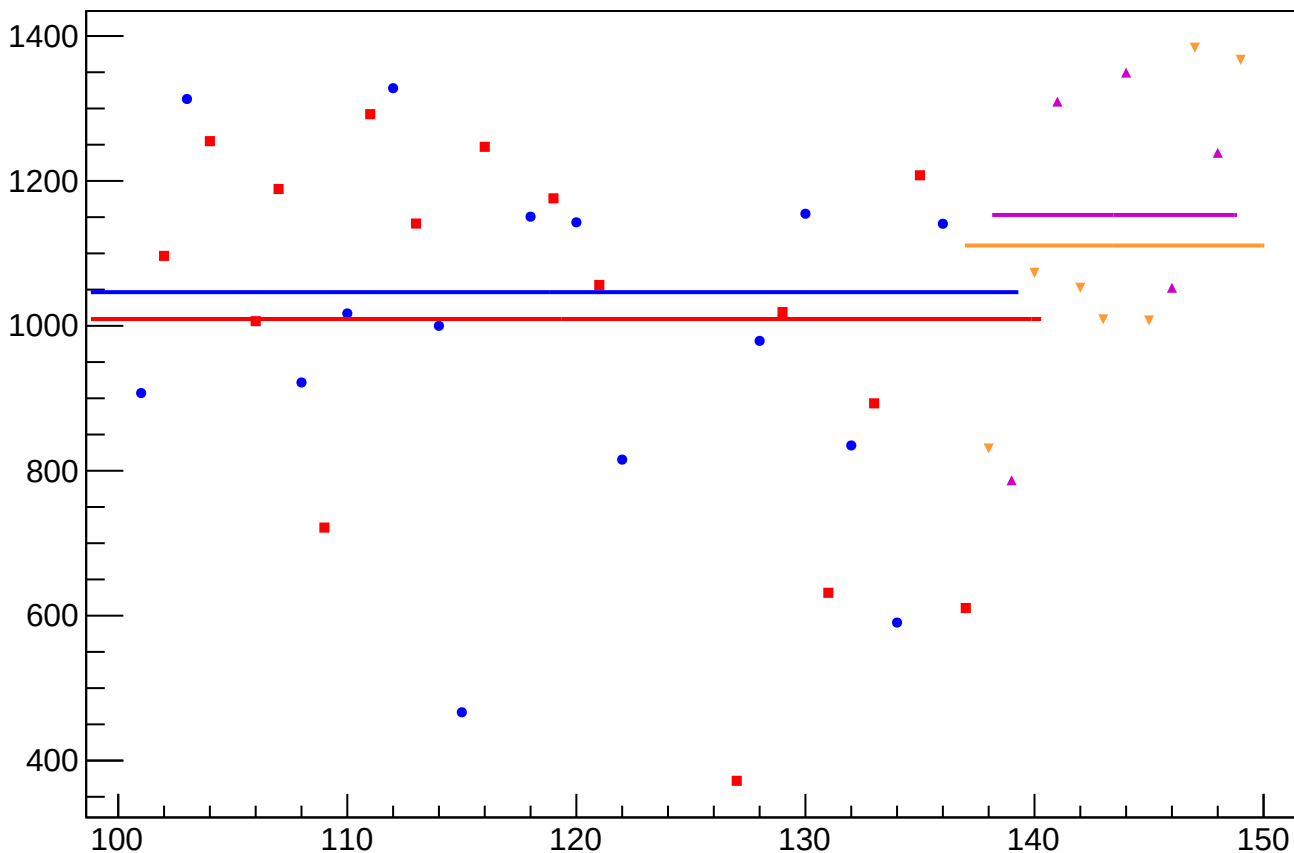
Right In: -12479.653 ± 0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -29233.380 ± 0.000 χ^2/NDF : 17124858646984940744665785797573204770816.0/6
 Right Out: -10238.098 ± 0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33490.371 ± 0.000 χ^2/NDF : 10552355431625514708305882436328973402112.0/4

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14
 Left Out: 544.126+/-0.000 χ^2/NDF : 11405646663439782568686530778810548224.0/6
 Right Out: 209.844+/-0.000 χ^2/NDF : 3128489258838765241921217786024034304.0/15
 Left In: 678.307+/-0.000 χ^2/NDF : 4715808928270963928111843954657329152.0/4

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

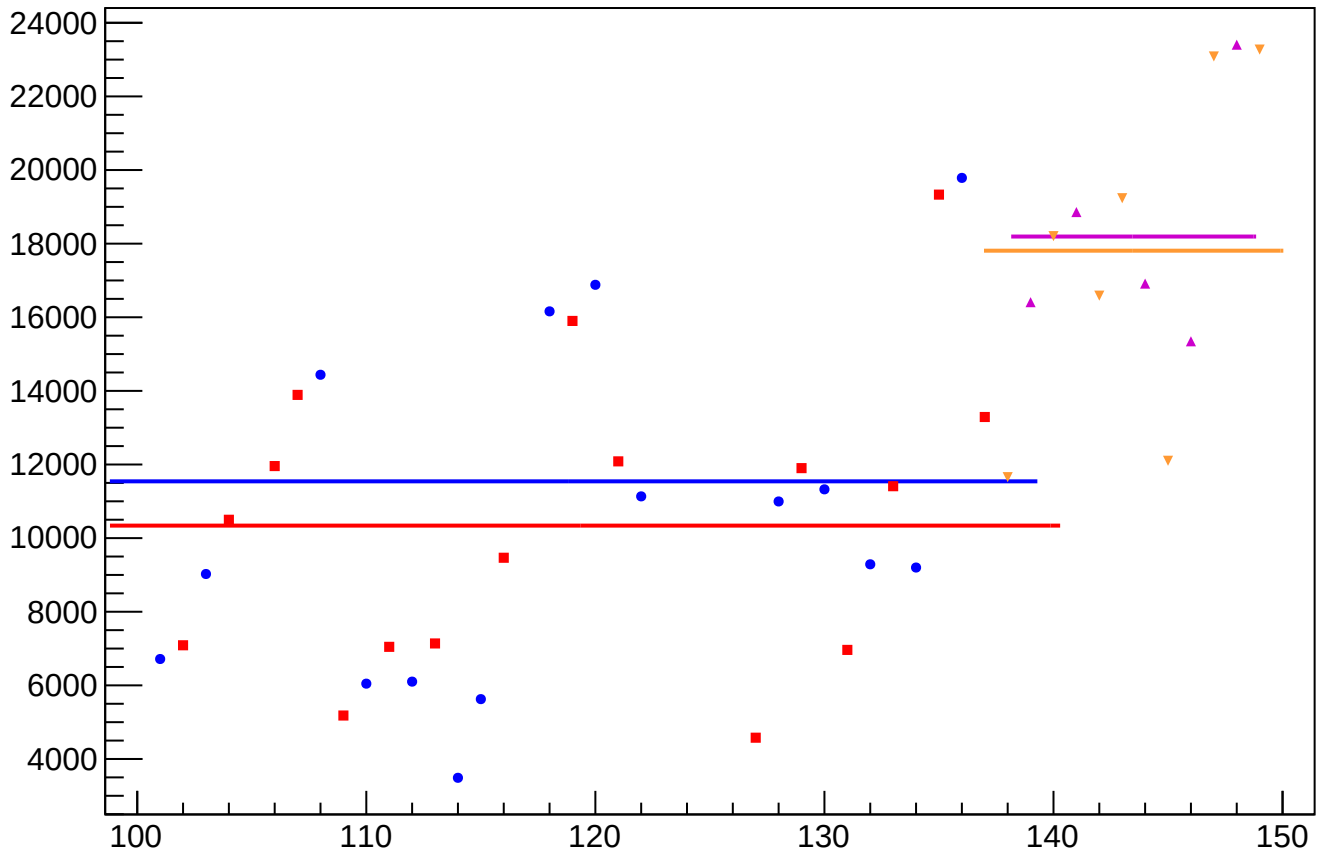
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

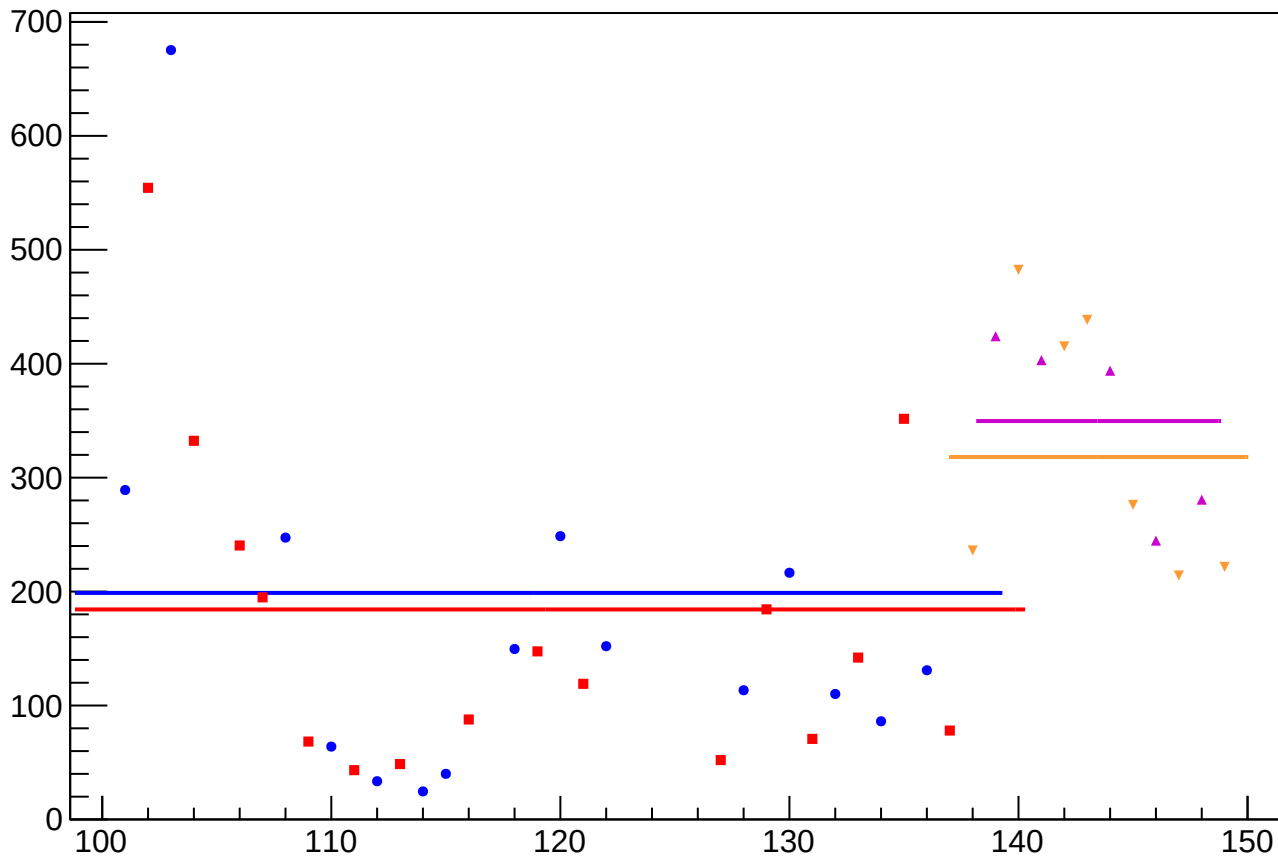
- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 17808.896+/-0.000 χ^2/NDF : 10487956837894400039187050165178550190080.0/6
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 18193.183+/-0.000 χ^2/NDF : 3394862402129347948549405134365048963072.0/4

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 318.104+/-0.000 χ^2/NDF : 5910888448669907598420975847320059904.0/6

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

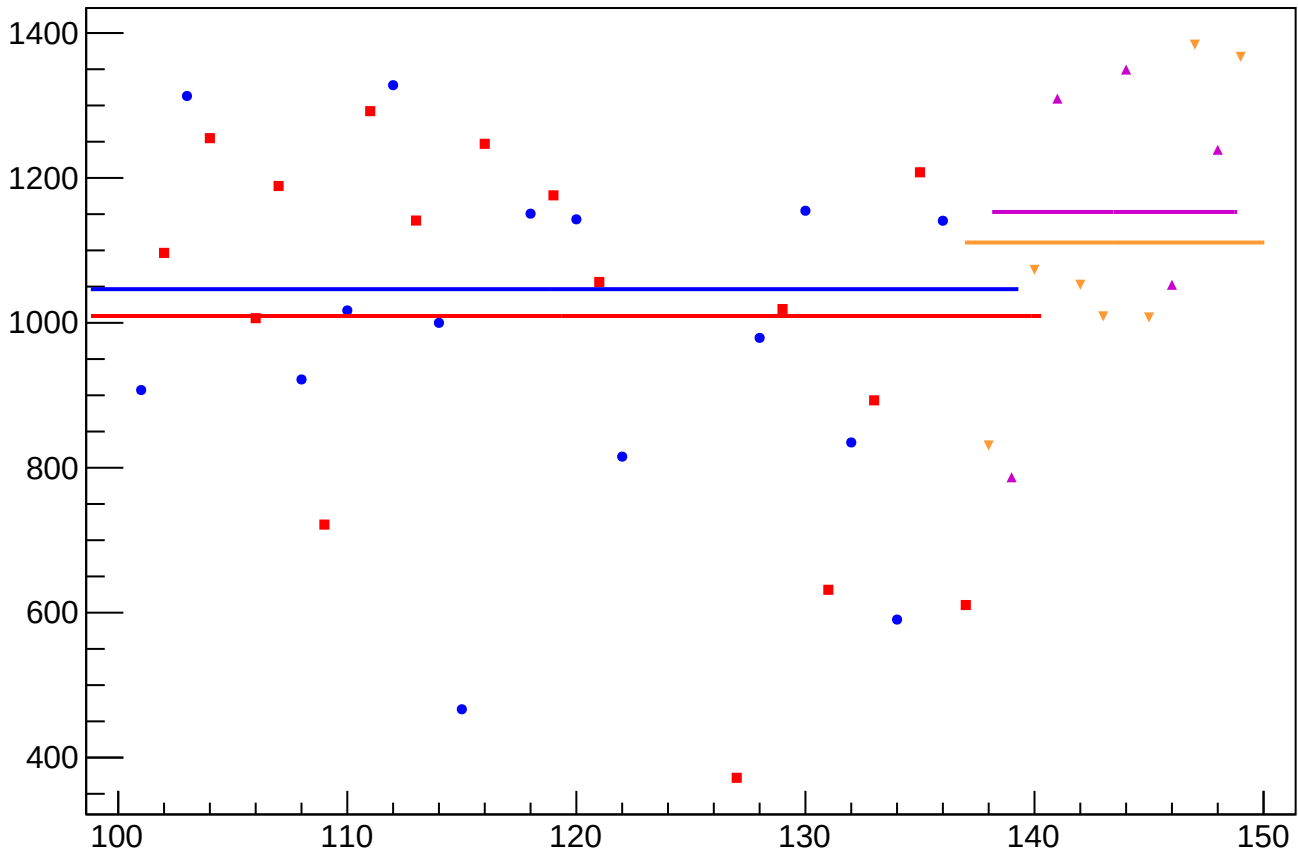
Left In: 349.696+/-0.000 χ^2/NDF : 2179554328235963051991842676002521088.0/4

+ sign 251.670+/-0.000 χ^2/NDF : 283328767072531

All: 250.095+/-0.000 χ^2/NDF : 525140749445

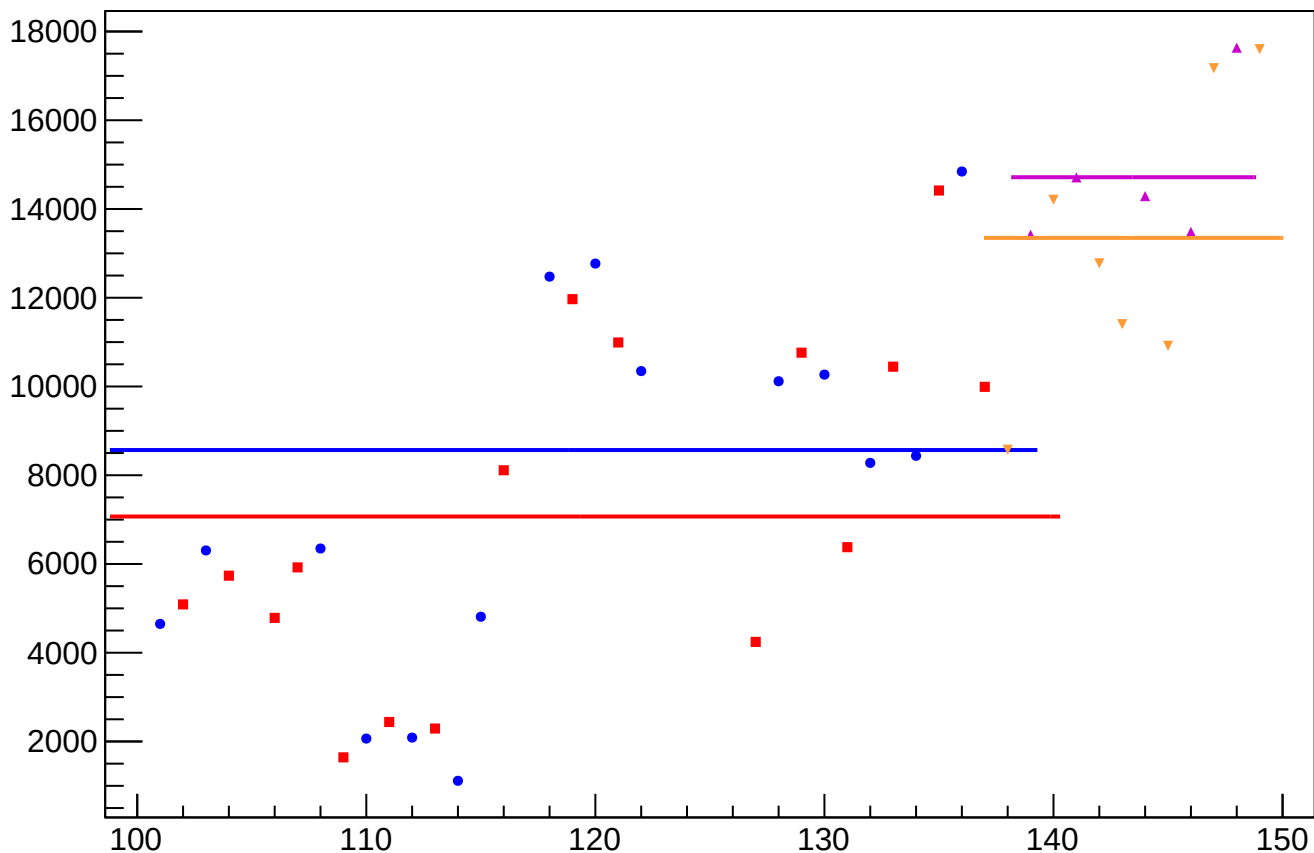
- sign 248.410+/-0.000 χ^2/NDF : 241752176442864

dit_sam7_coil1_Ndata_mean vs Slug



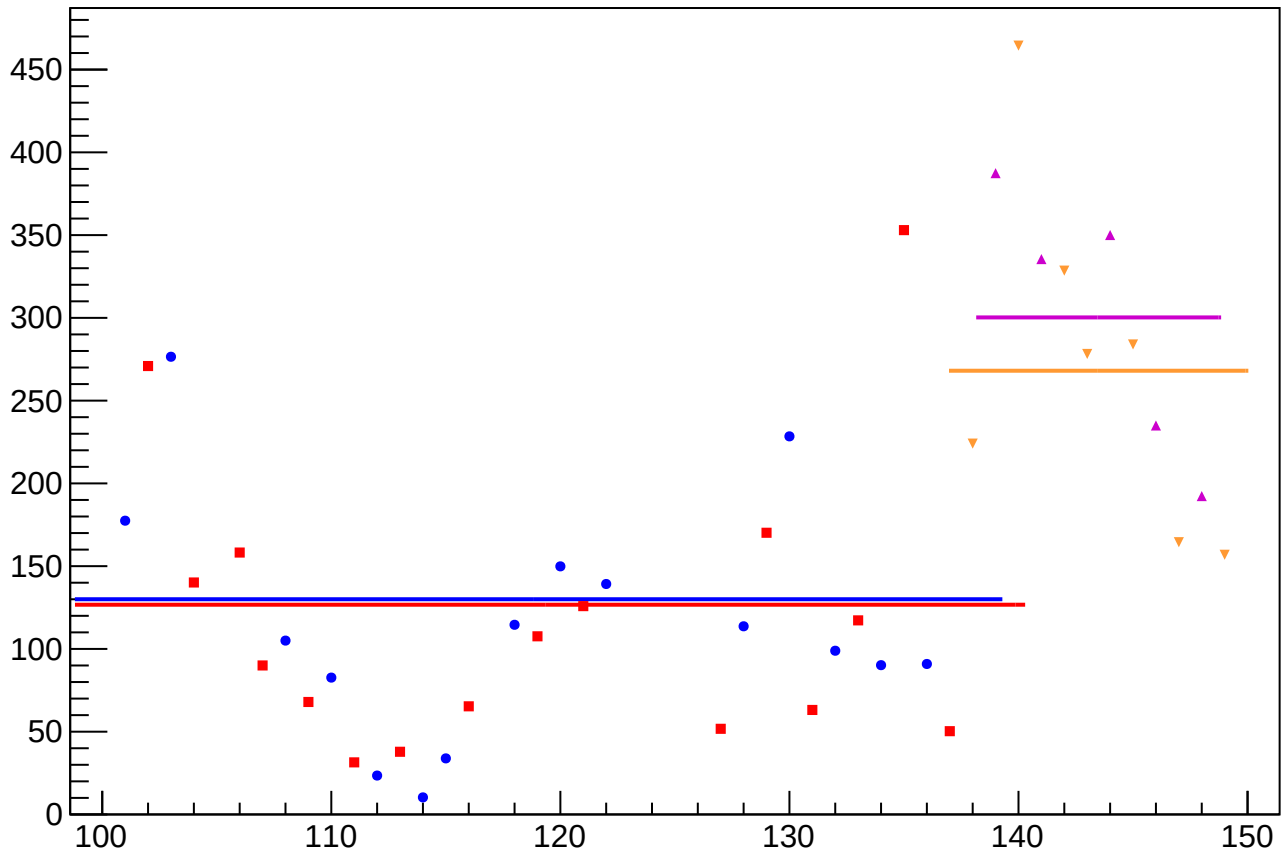
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

dit_sam8_coil1_mean vs Slug



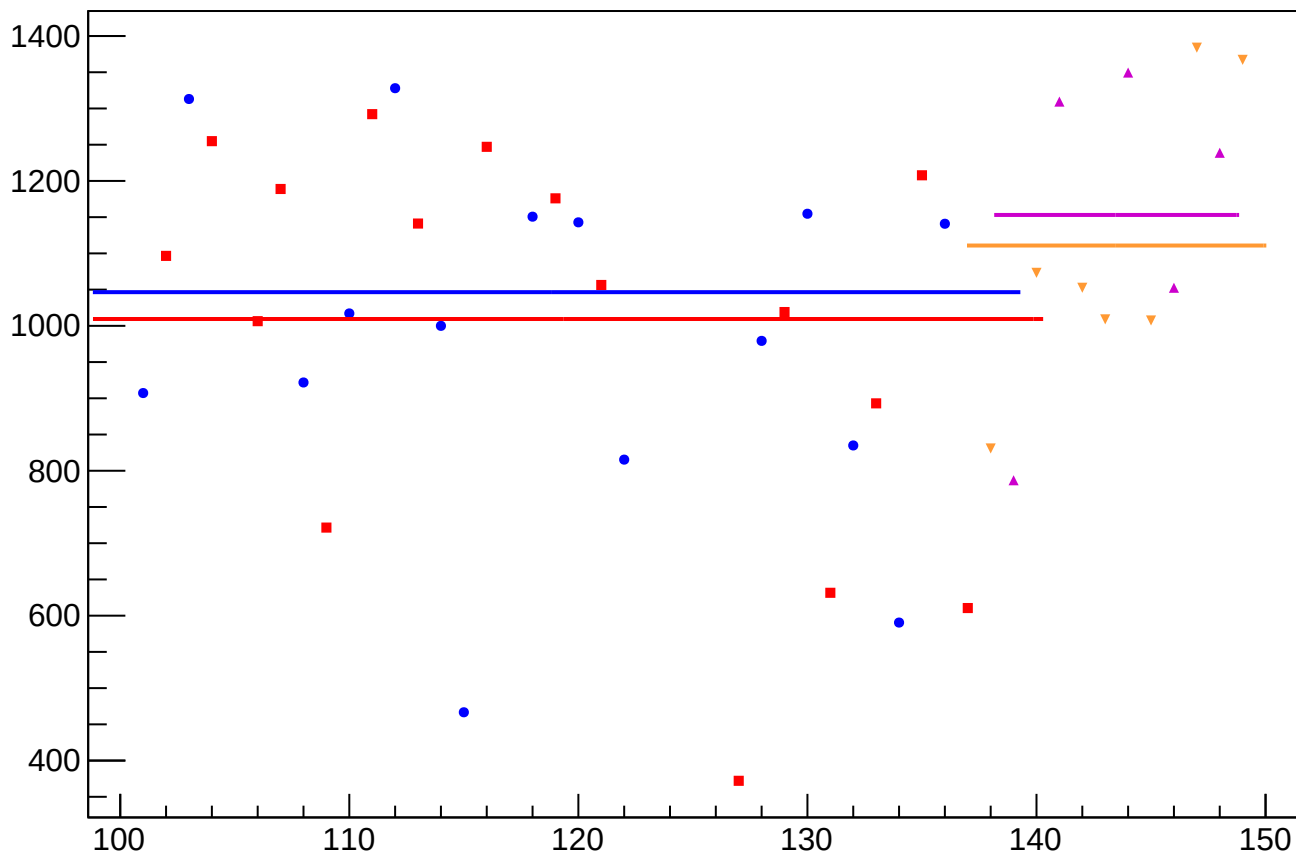
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 13348.705+/-0.000 χ^2/NDF : 5245741242452842230916855787383695605760.0/6
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 14715.939+/-0.000 χ^2/NDF : 993758330753207850765560674211378233344.0/4

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 268.067+/-0.000 χ^2/NDF : 5385589305544436884244737875330990080.0/6
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 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

Left Out: 1110.857+/-0.000 χ^2/NDF : 19286749858126433624491028262376439808.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

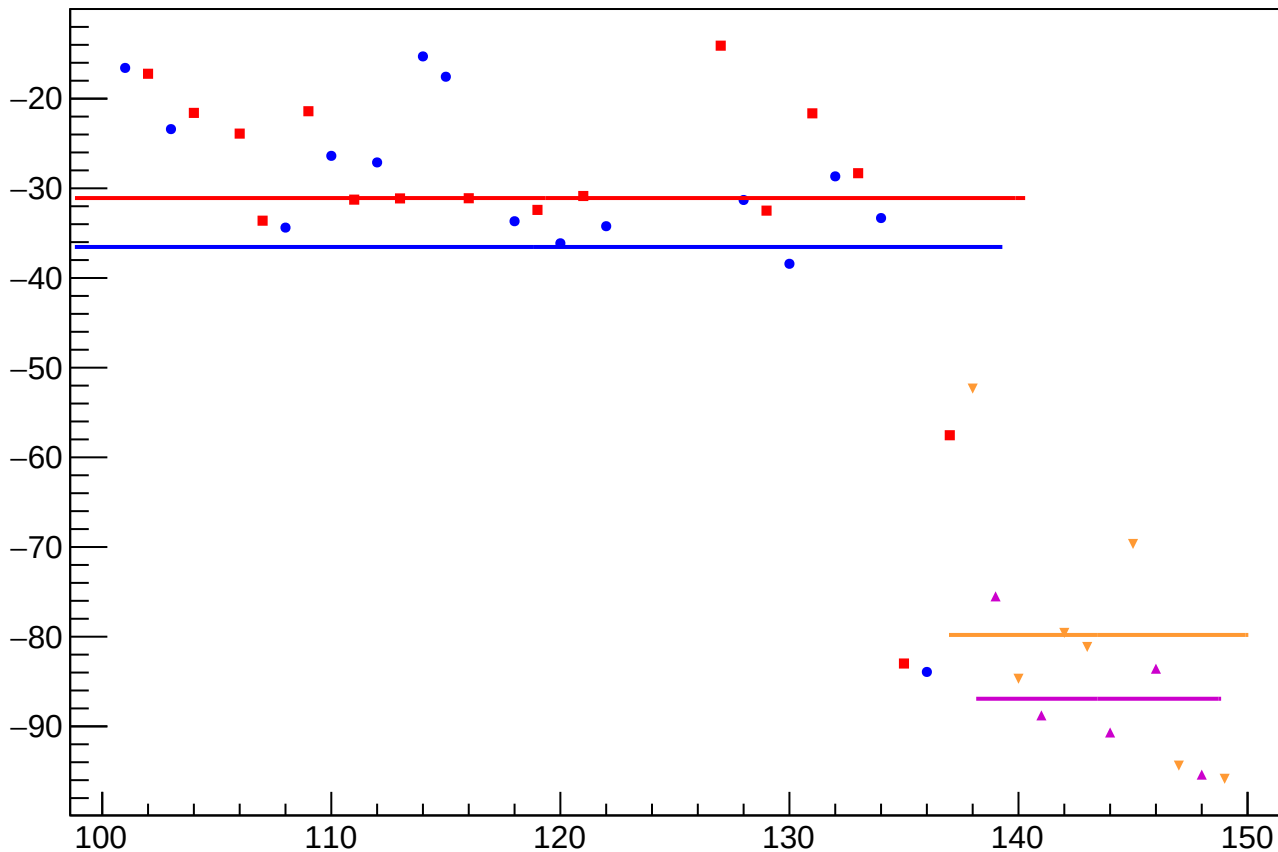
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1074.999+/-0.000 χ^2/NDF : 45344314050819

All: 1070.213+/-0.000 χ^2/NDF : 11316701553

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_4aX_coil3_mean vs Slug



Right In: -36.540 $\pm$ 0.000 χ^2 /NDF: 254351867861444609202637633864335360.0/14

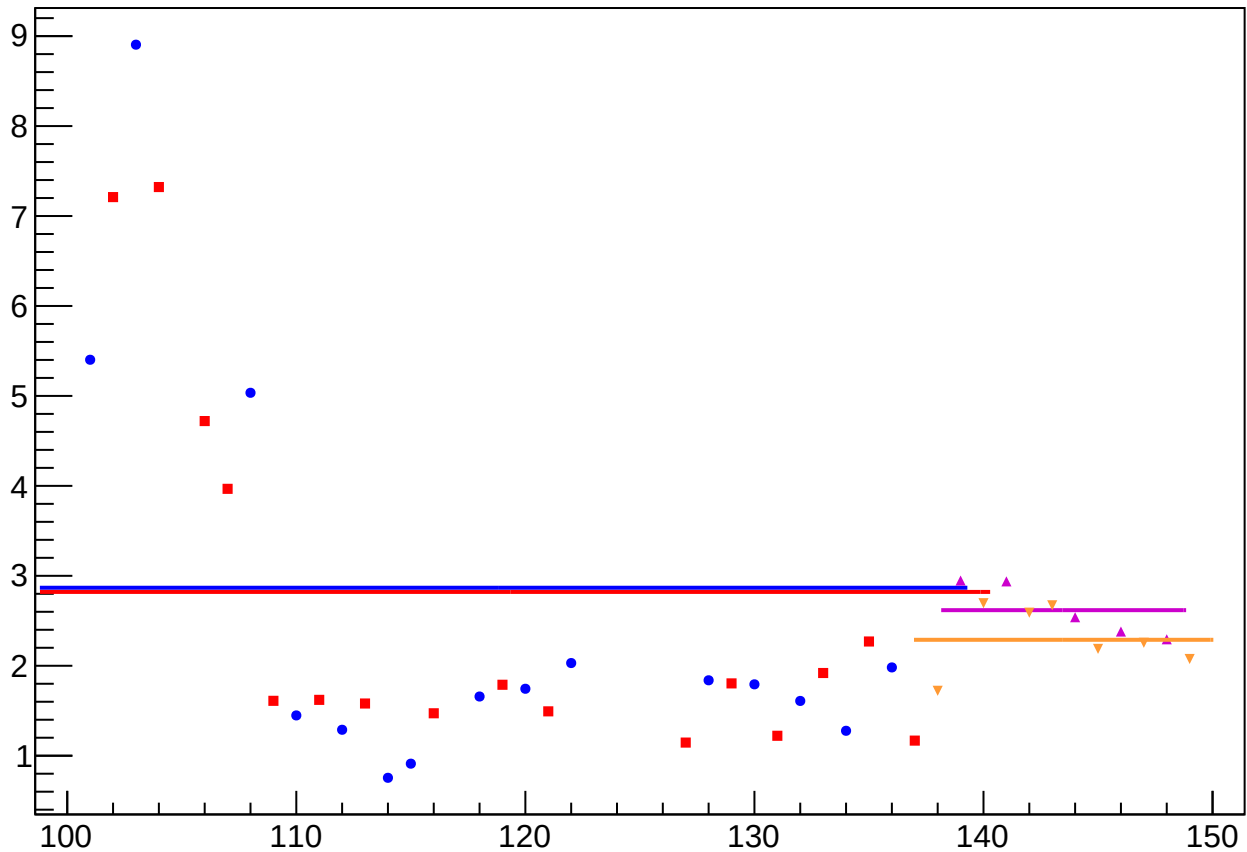
Left Out: -79.805 $\pm$ 0.000 χ^2 /NDF: 107463696518668935894139642356695040.0/6

Right Out: -31.085 $\pm$ 0.000 χ^2 /NDF: 181291079119381636178408498876383232.0/15

Left In: -86.920 $\pm$ 0.000 χ^2 /NDF: 19053958921296736212694630330793984.0/4

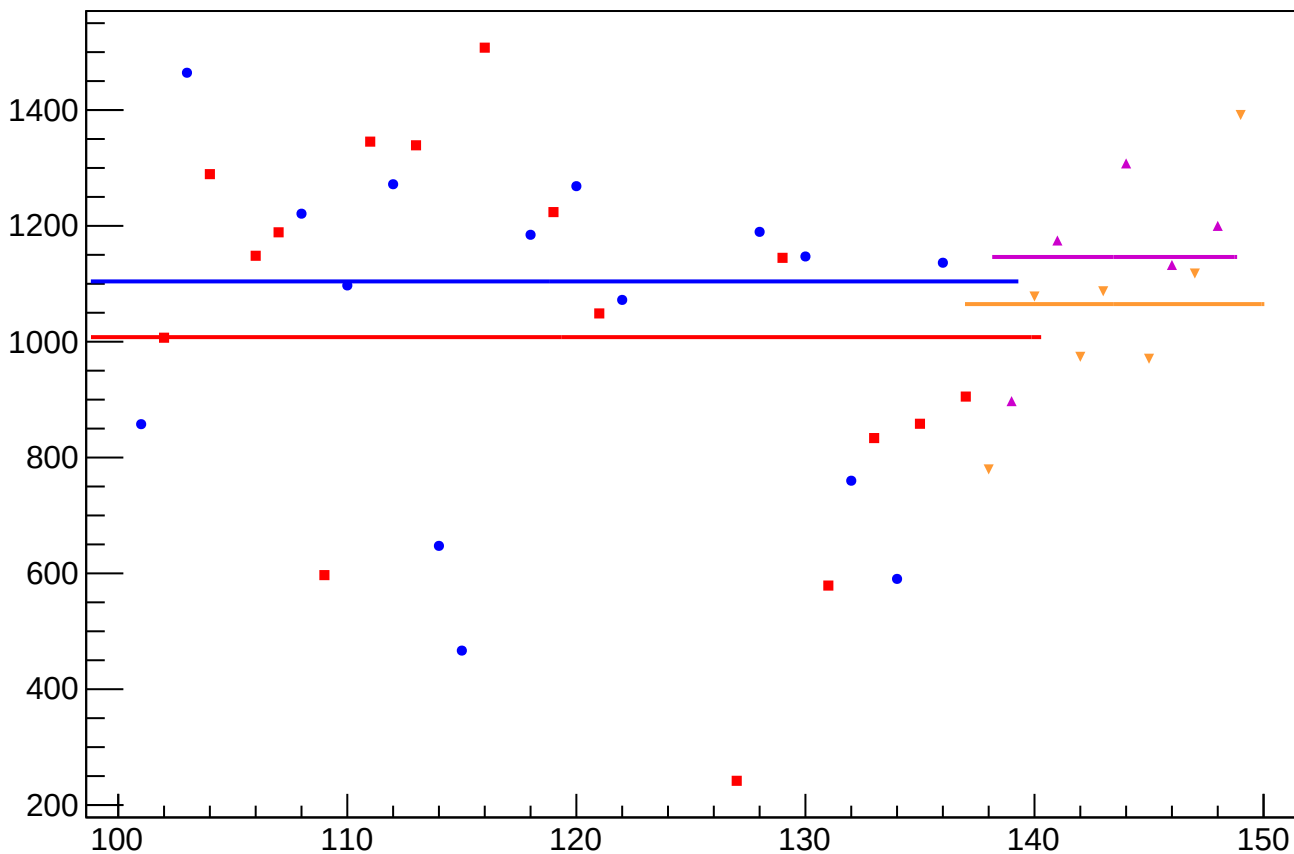
All: -54.263 $\pm$ 0.000 χ^2 /NDF: 191102556864

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000 χ^2 /NDF: 3455499087584693564208174061322240.0/14
 Left Out: 2.289 $\pm$ 0.000 χ^2 /NDF: 57403433304695028759192961810432.0/6
 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: 2.675 $\pm$ 0.000 χ^2 /NDF: 67139796718160
 + sign 2.611 $\pm$ 0.000 χ^2 /NDF: 36091662316690110
 - sign 2.742 $\pm$ 0.000 χ^2 /NDF: 30951131922450542

dit_4aX_coil3_Ndata_mean vs Slug



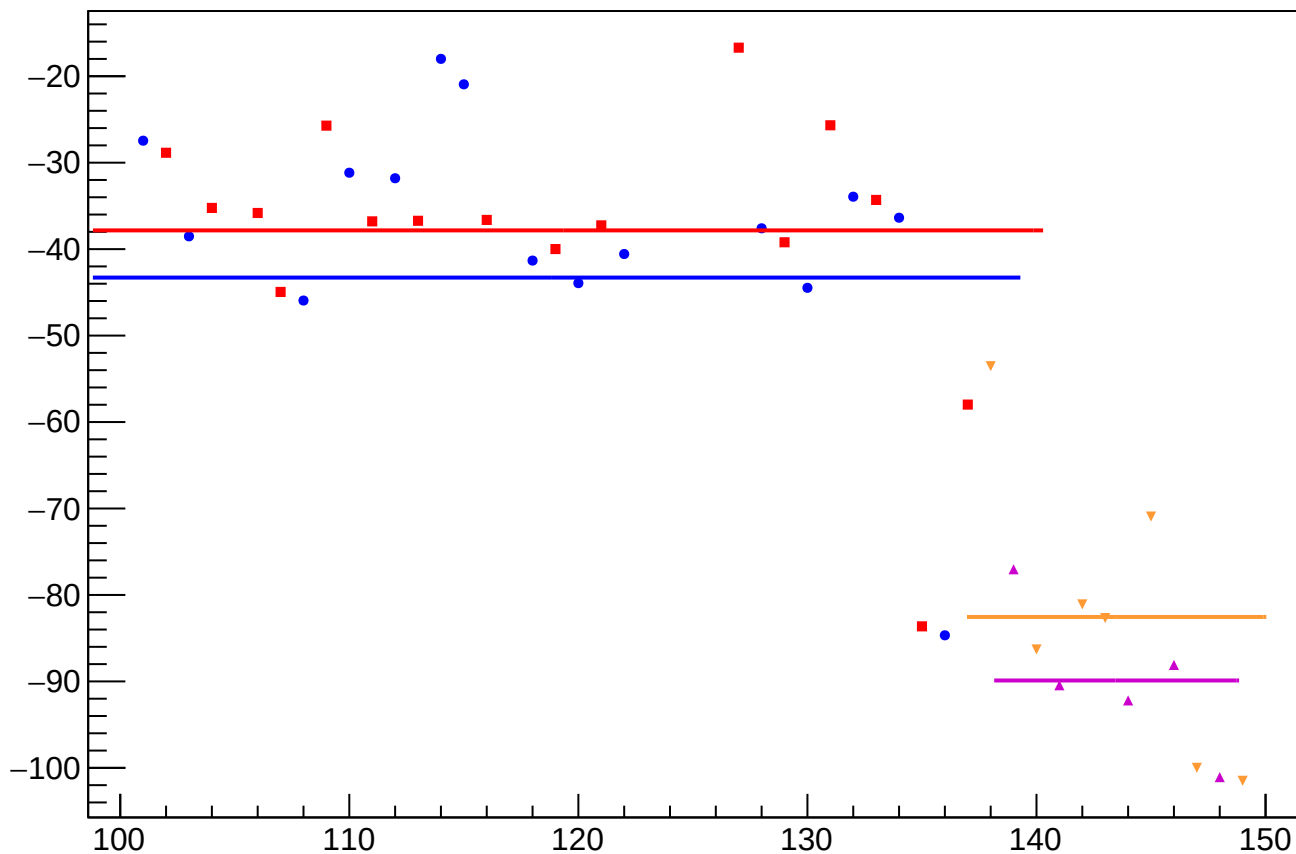
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1064.948 $\pm$ 0.000 χ^2 /NDF: 16676265235806224307519407597943783424.0/6

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

Left In: 1146.318 $\pm$ 0.000 χ^2 /NDF: 7667838085018963465489236626497339392.0/4

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -82.544+/-0.000 χ^2/NDF : 131723221871199933106004650794942464.0/6

Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

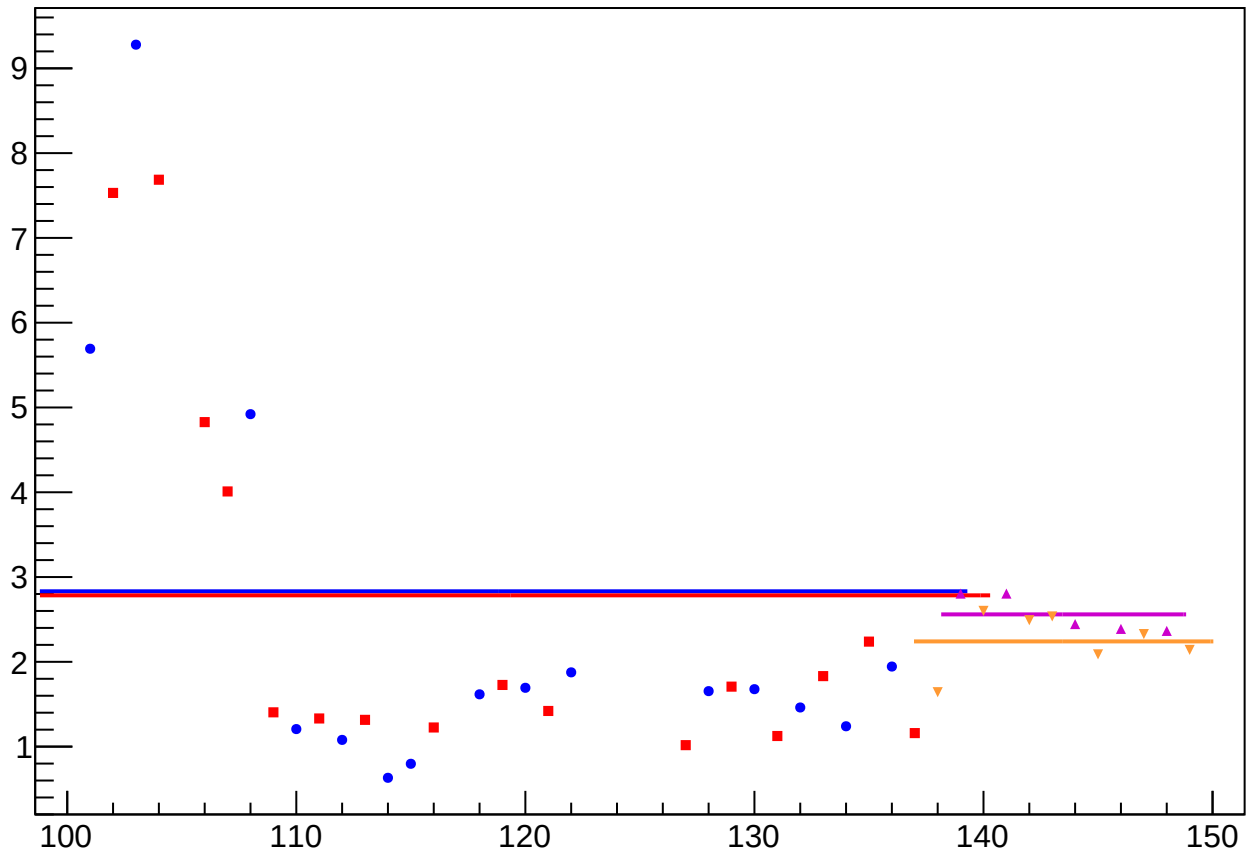
Left In: -89.892+/-0.000 χ^2/NDF : 24669694837295966762628881030578176.0/4

+ sign -60.676+/-0.000 χ^2/NDF : 774018261675057

All: -59.386+/-0.000 χ^2/NDF : 165189626149

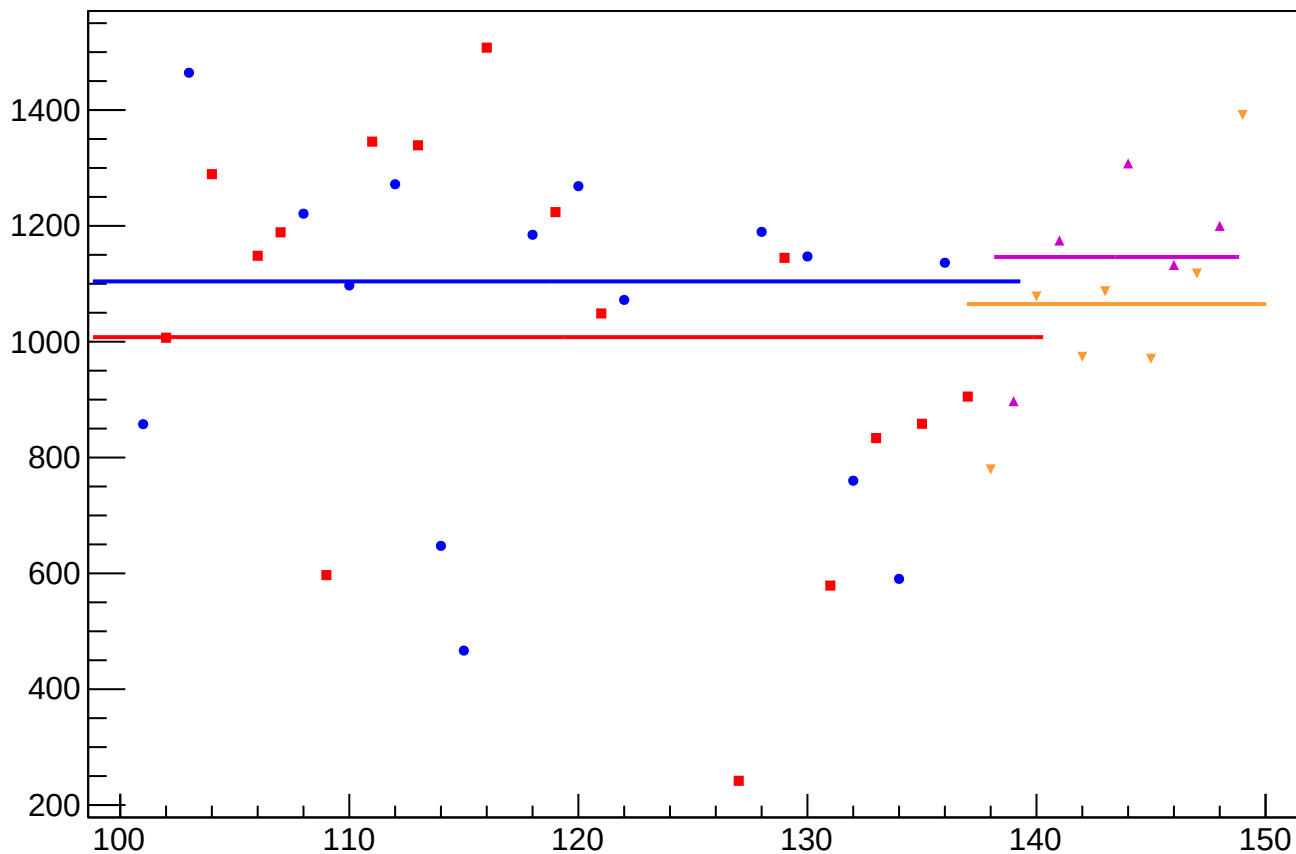
- sign -58.006+/-0.000 χ^2/NDF : 8738650894947709

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.241+/-0.000 χ^2/NDF : 50633921834308457467175657013248.0/6
 Right Out: 2.784+/-0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.560+/-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: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

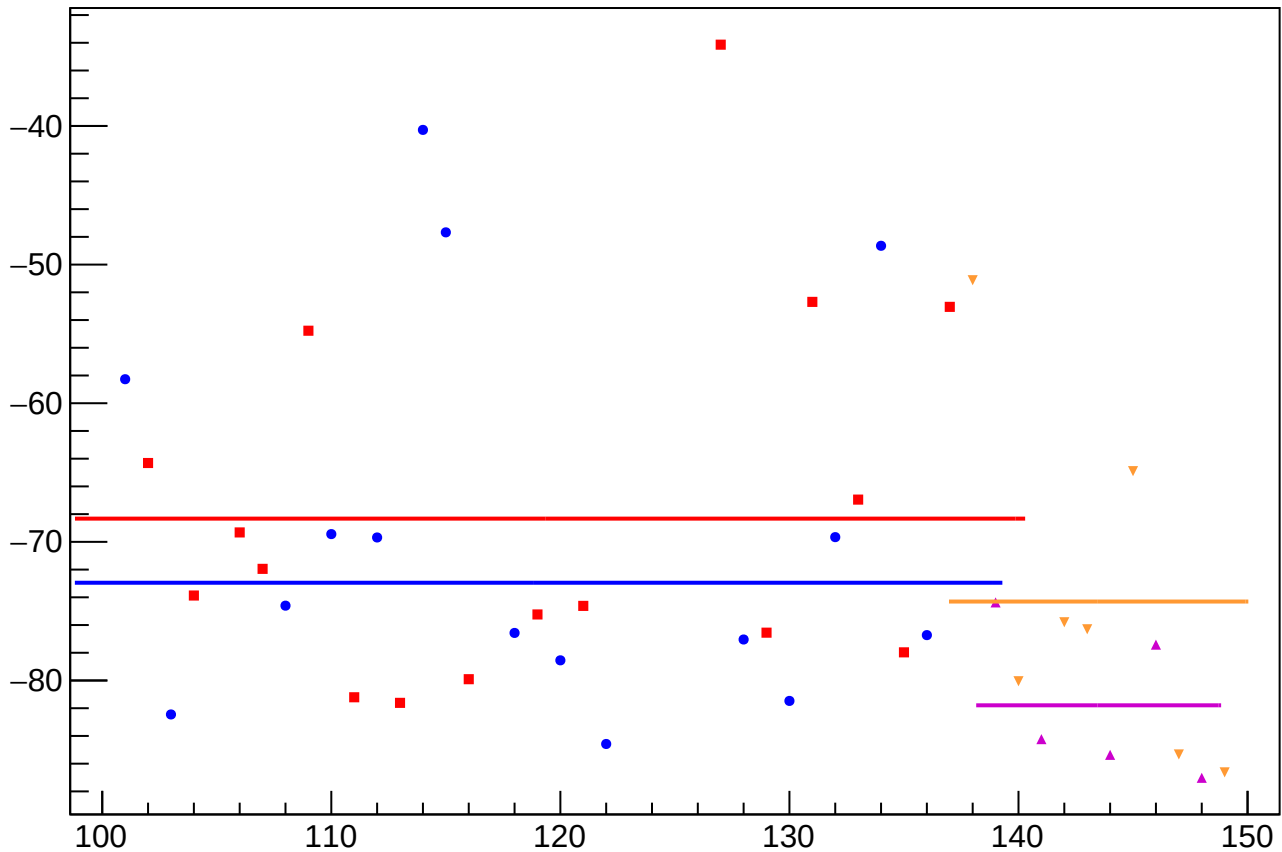
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1086.765+/-0.000 χ^2/NDF : 49854992784939

All: 1074.579+/-0.000 χ^2/NDF : 13191054042

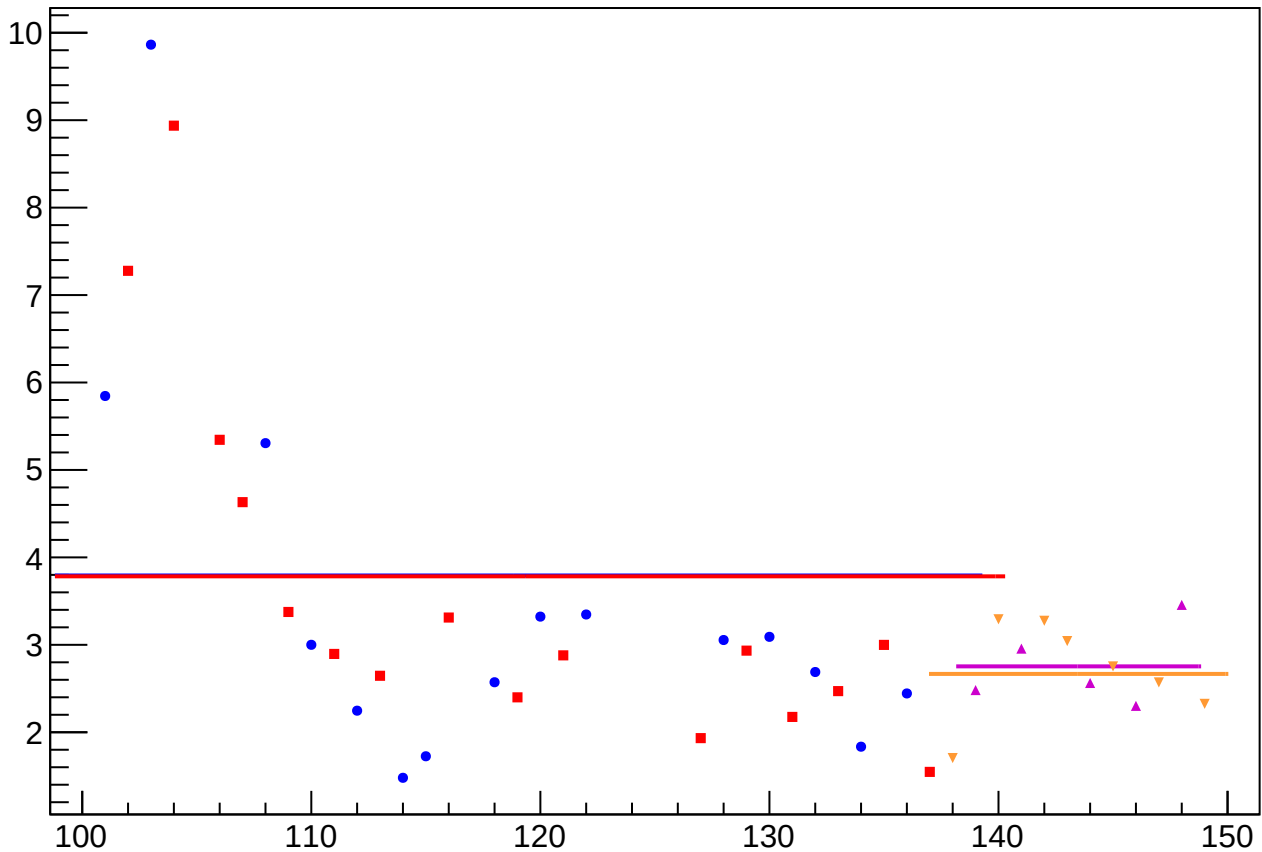
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_11X12X_coil3_mean vs Slug



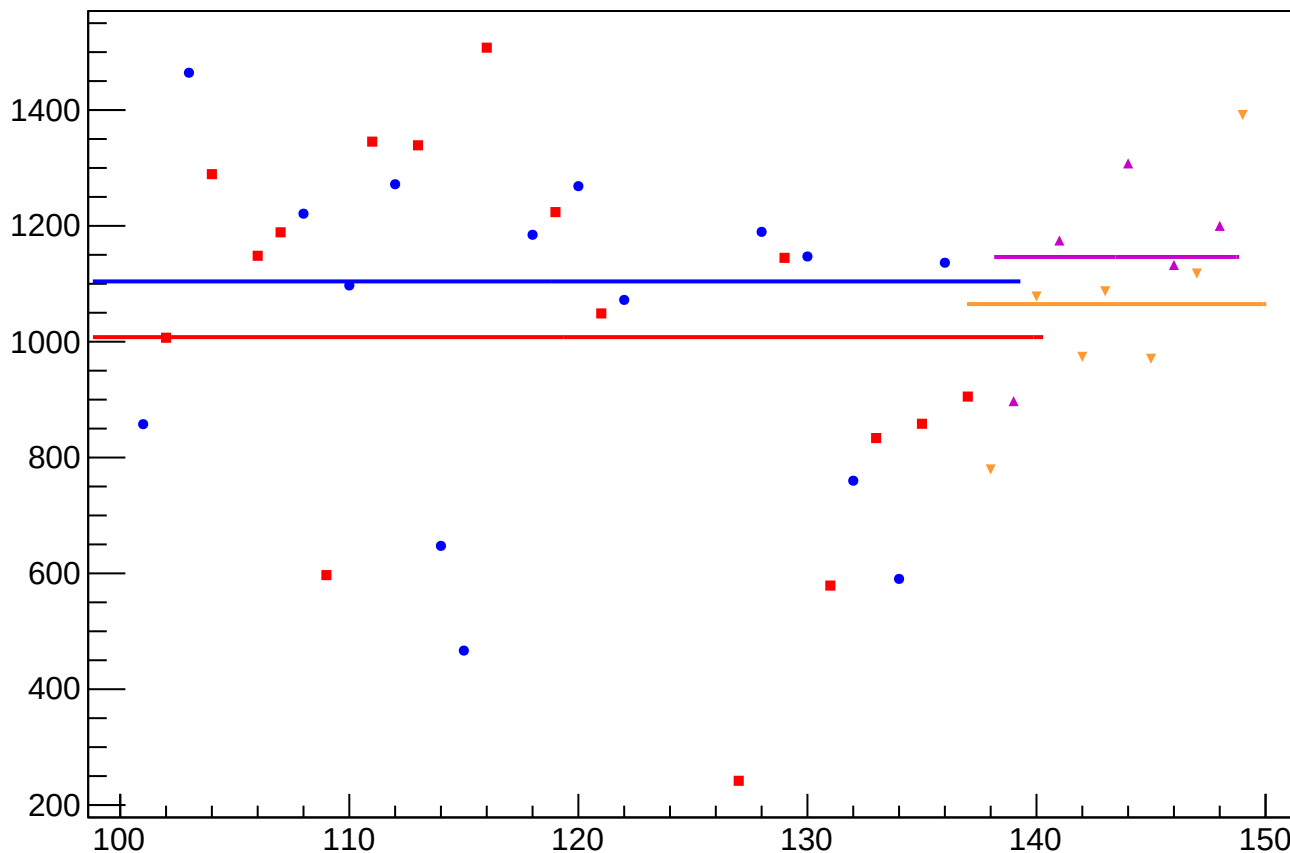
Right In: -72.949 $\pm$ 0.000 χ^2 /NDF: 65755428464857980306879126291087360.0/14
 Left Out: -74.305 $\pm$ 0.000 χ^2 /NDF: 74387848985694994052426856778432512.0/6
 Right Out: -68.324 $\pm$ 0.000 χ^2 /NDF: 106694344898202364483367131372584960.0/15
 Left In: -81.790 $\pm$ 0.000 χ^2 /NDF: 9991279283541708867221946596589568.0/4

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.667+/-0.000 χ^2/NDF : 141850237019071581213114027212800.0/6
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.754+/-0.000 χ^2/NDF : 71133459751296936167228649242624.0/4
 All: 3.338+/-0.000 χ^2/NDF : 69396689125463
 + sign 3.294+/-0.000 χ^2/NDF : 37114266096452952
 - sign 3.384+/-0.000 χ^2/NDF : 32236913589607187

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

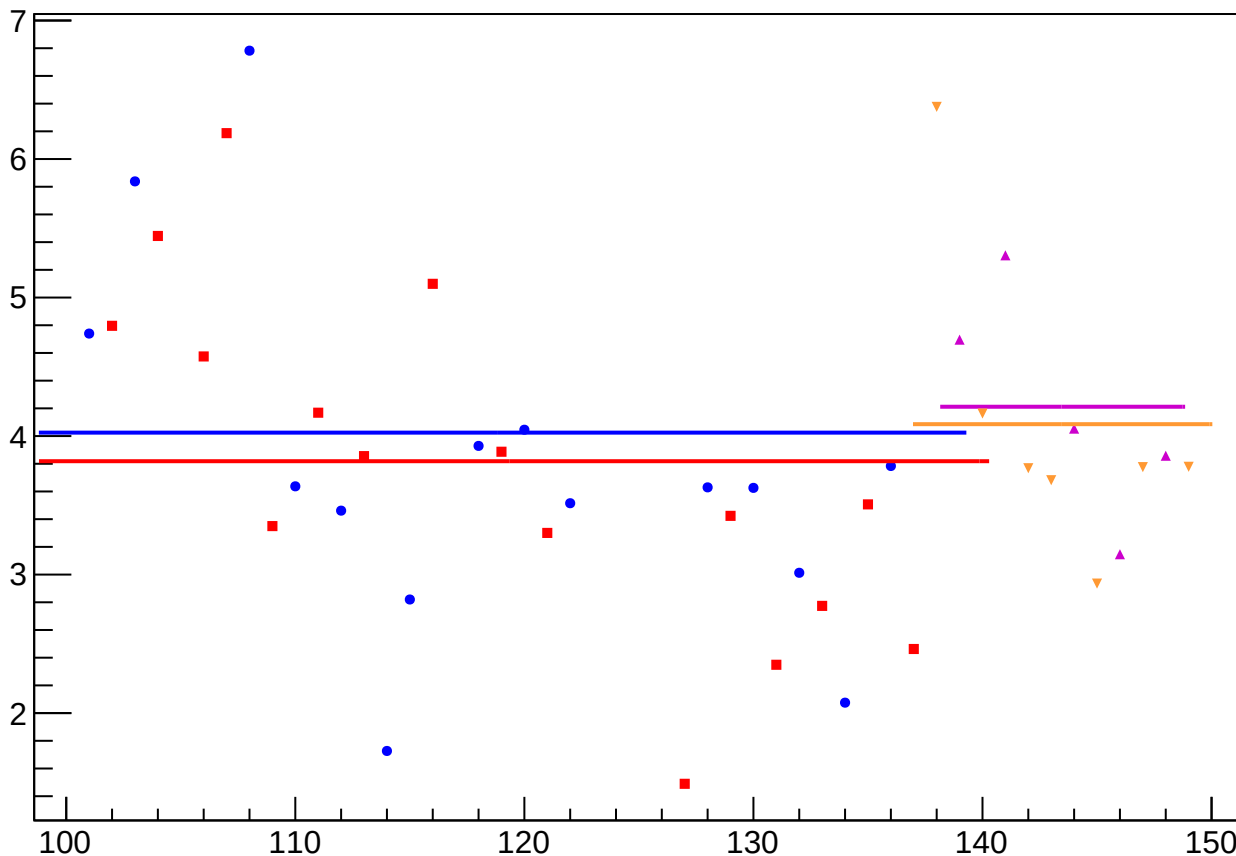
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1086.765+/-0.000 χ^2/NDF : 49854992784939

All: 1074.579+/-0.000 χ^2/NDF : 13191054042

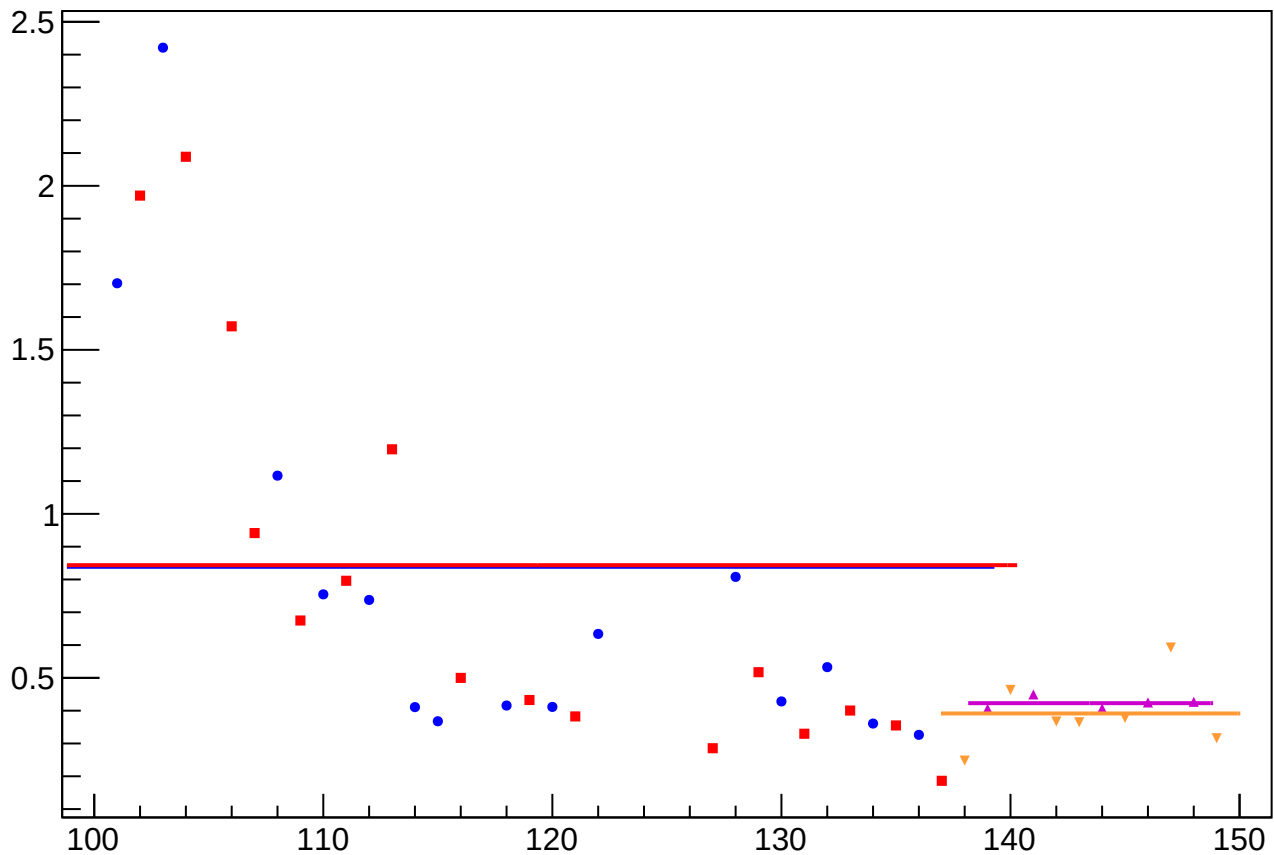
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_4aY_coil3_mean vs Slug



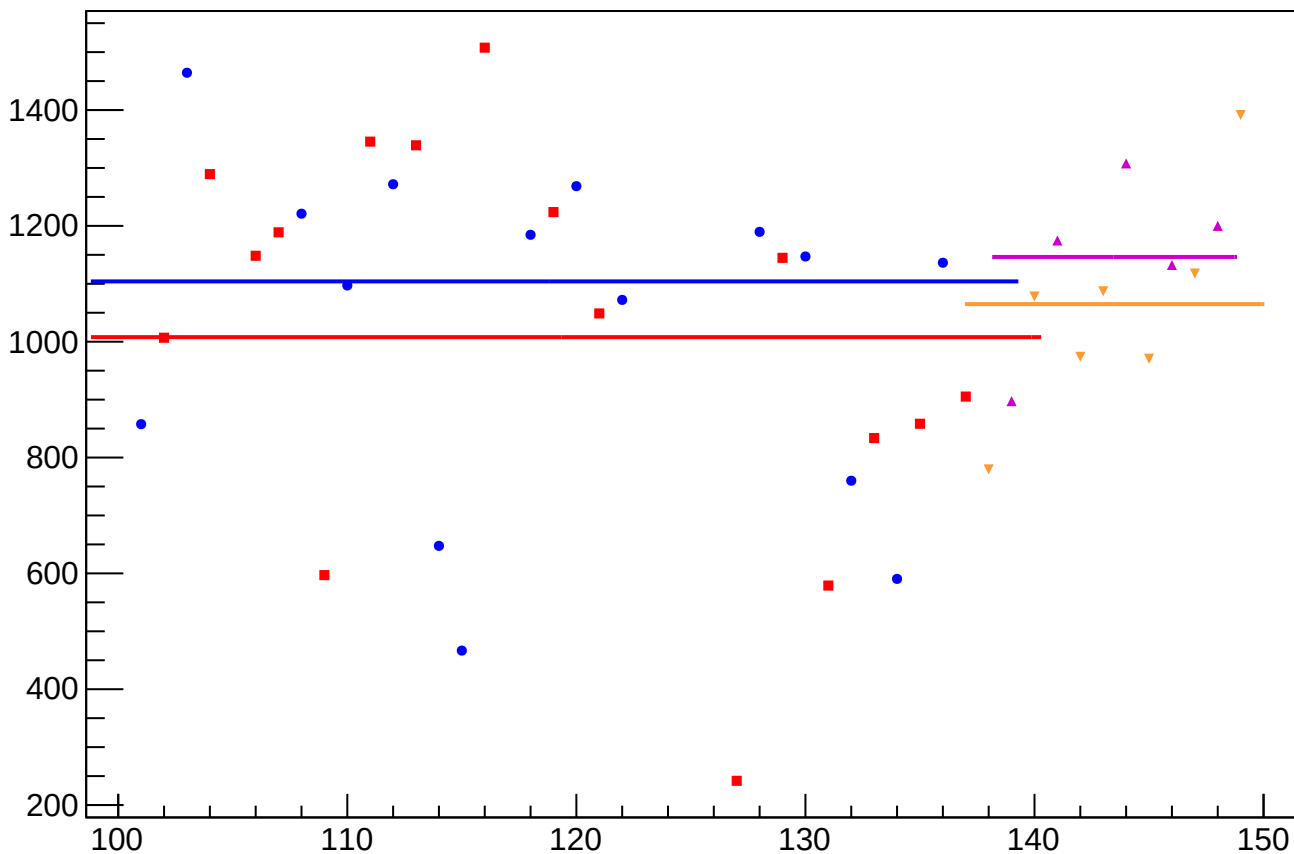
Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14
 Left Out: 4.086+/-0.000 χ^2/NDF : 548142132060183829389600228376576.0/6
 Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15
 Left In: 4.212+/-0.000 χ^2/NDF : 227392159381694992051867679195136.0/4

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14
 Left Out: 0.391 $\pm$ 0.000 χ^2 /NDF: 5750822903671663945740363759616.0/6
 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

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

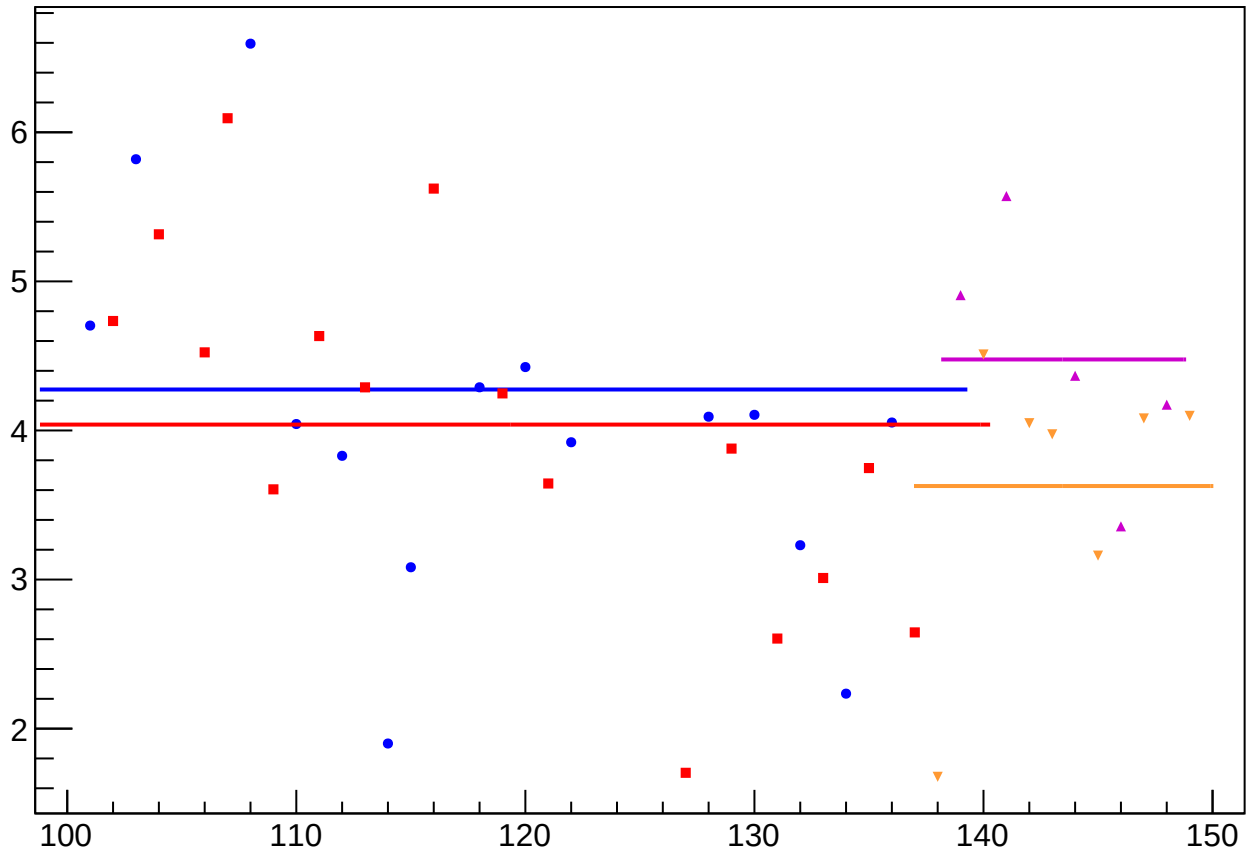
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1086.765+/-0.000 χ^2/NDF : 49854992784939

All: 1074.579+/-0.000 χ^2/NDF : 13191054042

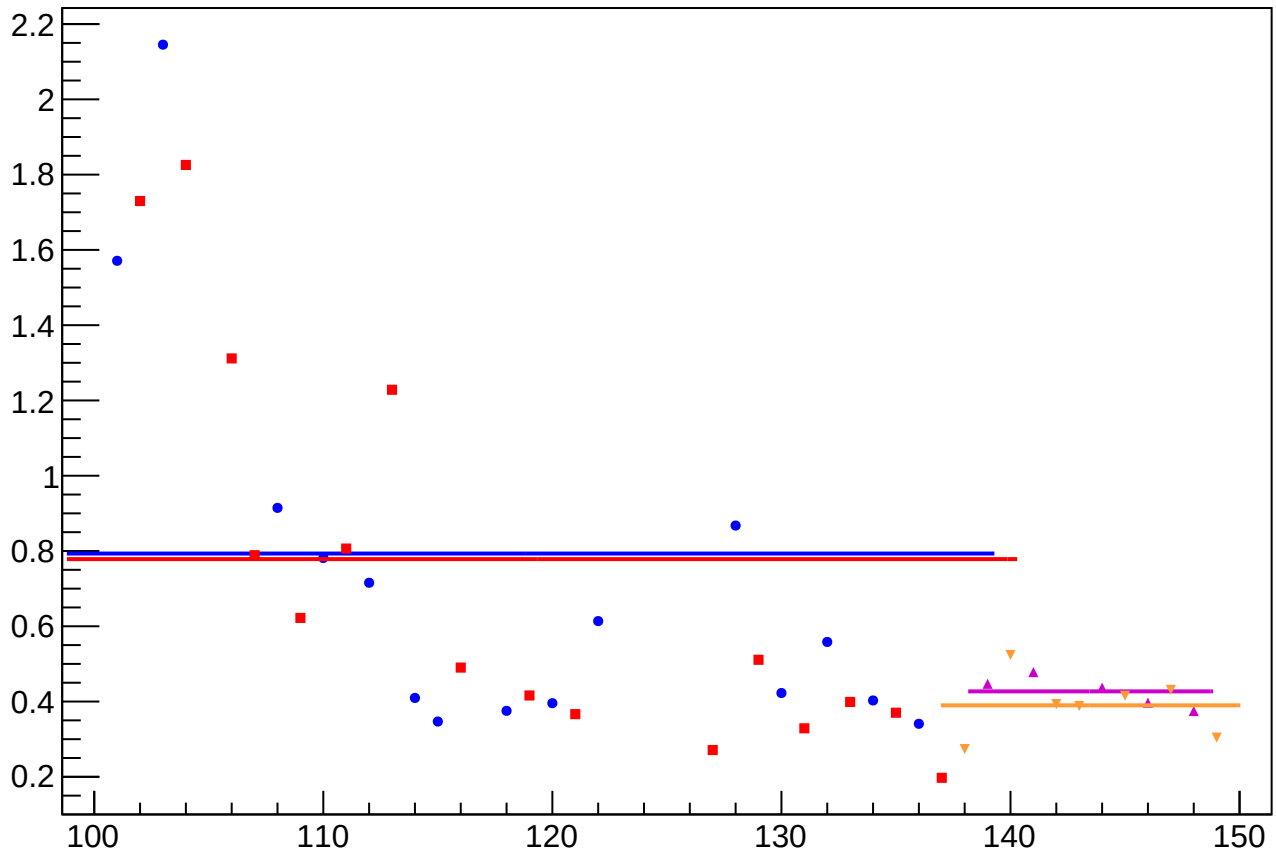
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Left Out: 3.627+/-0.000 χ^2/NDF : 429127204953392572724806294700032.0/6
 Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15
 Left In: 4.476+/-0.000 χ^2/NDF : 229980062133348641480077886881792.0/4
 All: 4.095+/-0.000 χ^2/NDF : 22259175594909
 + sign 3.988+/-0.000 χ^2/NDF : 11468335616790701
 - sign 4.209+/-0.000 χ^2/NDF : 10516604987709646

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2 /NDF: 195508777173589483440314700005376.0/14

Left Out: 0.390 $\pm$ 0.000 χ^2 /NDF: 3325996019167949141896190754816.0/6

Right Out: 0.778 $\pm$ 0.000 χ^2 /NDF: 185814635772183306063903690063872.0/15

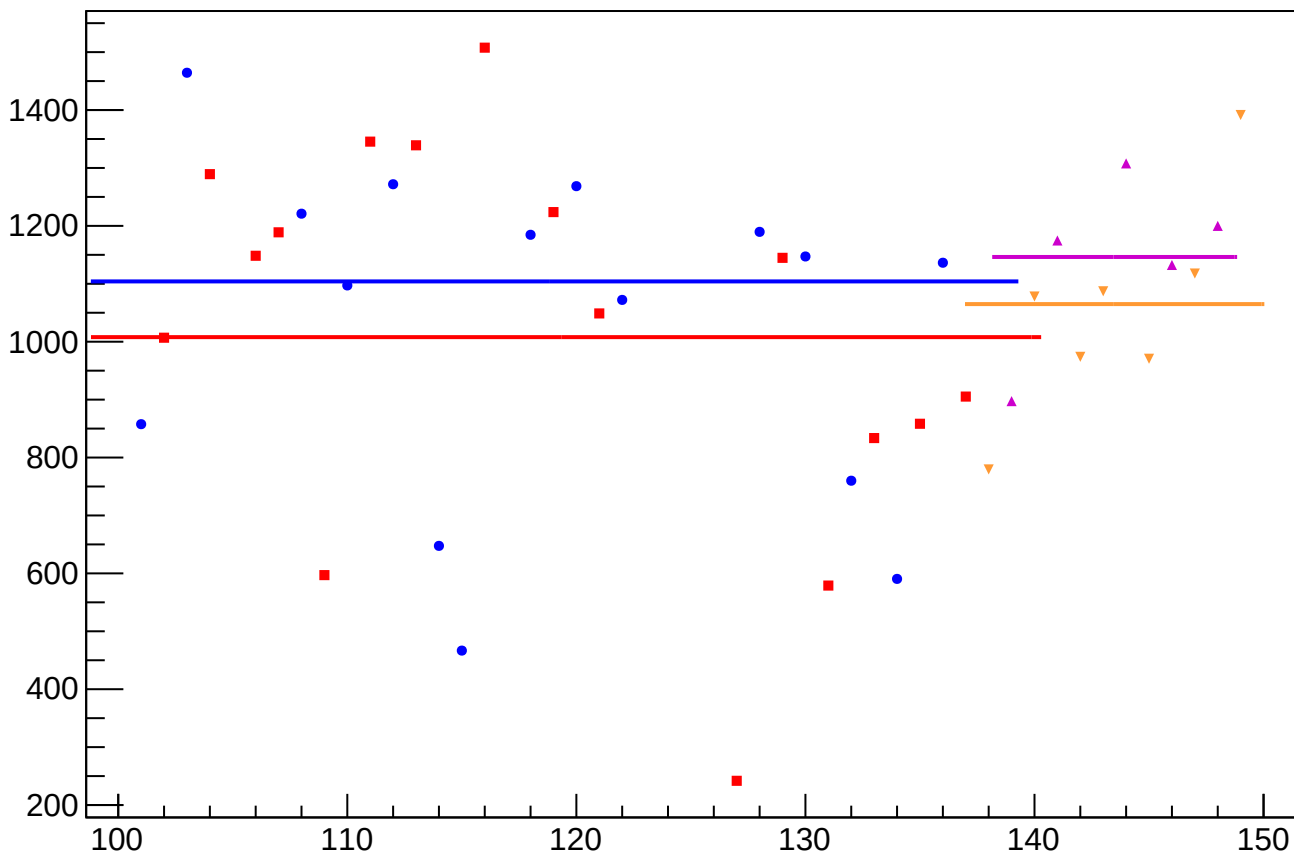
Left In: 0.427 $\pm$ 0.000 χ^2 /NDF: 568958624243763950326416146432.0/4

+ sign 0.615 $\pm$ 0.000 χ^2 /NDF: 24558463717360615

All: 0.628 $\pm$ 0.000 χ^2 /NDF: 46431755723556

- sign 0.642 $\pm$ 0.000 χ^2 /NDF: 21830281832050786

dit_4eY_coil3_Ndata_mean vs Slug



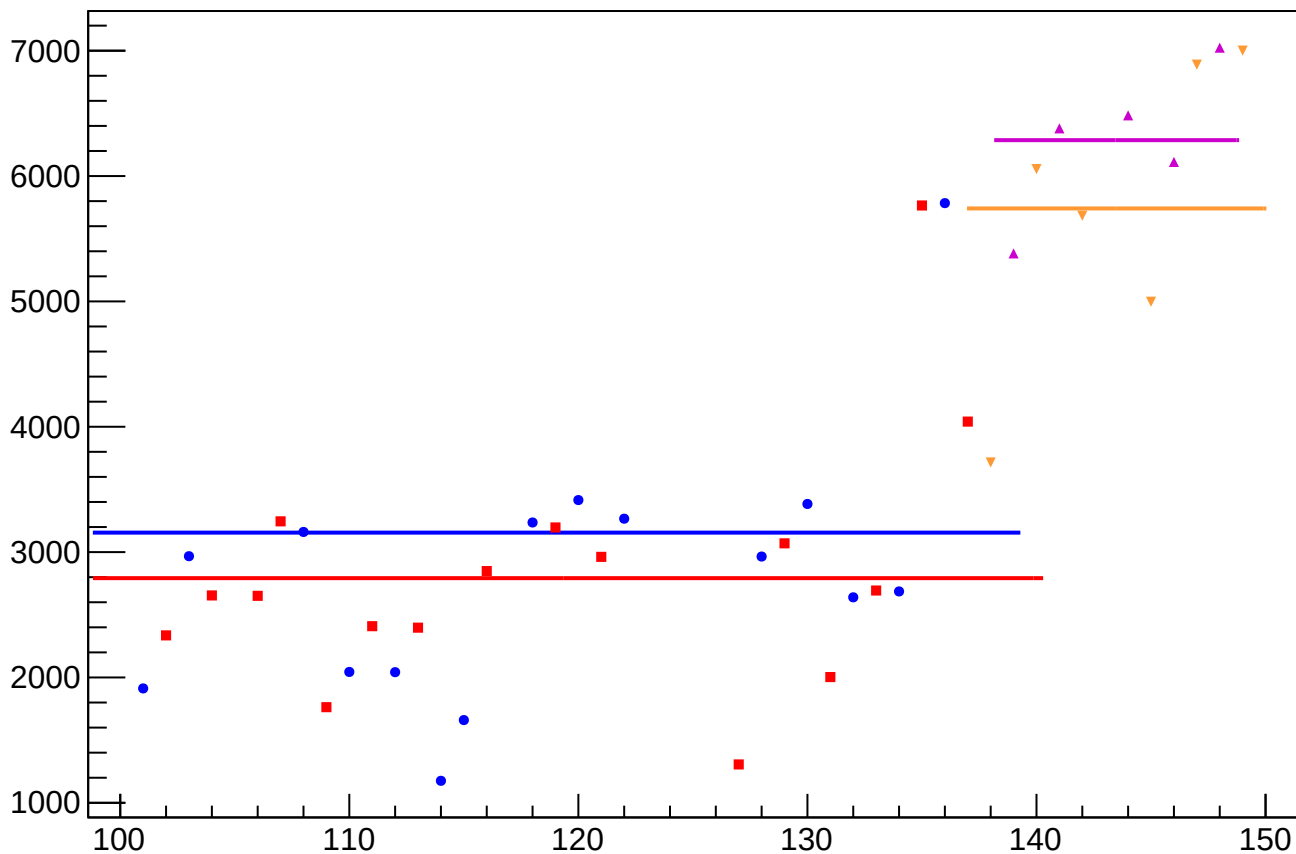
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

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_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14

Left Out: 5741.517+/-0.000 χ^2/NDF : 609235393170043442176087139200704446464.0/5

Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15

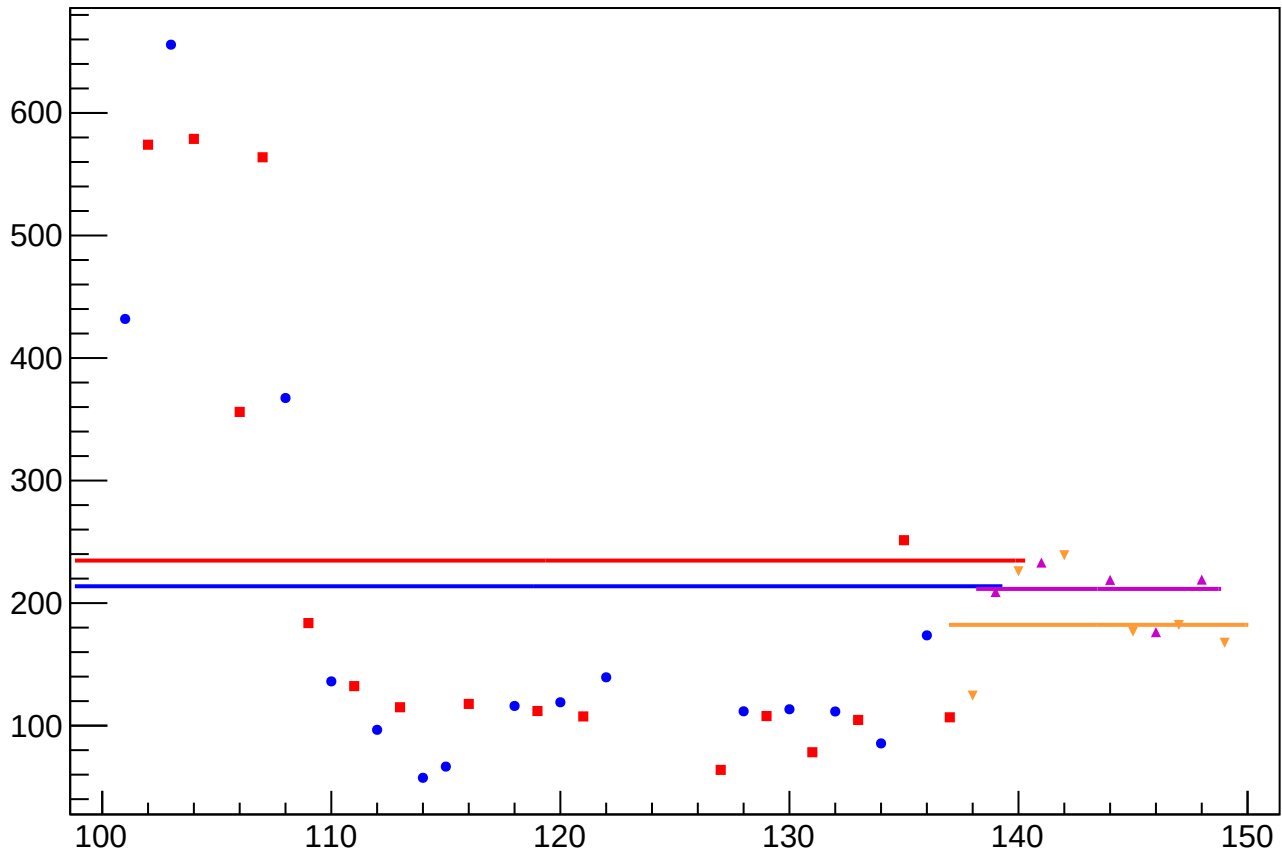
Left In: 6286.396+/-0.000 χ^2/NDF : 118587768353029358961250594016509034496.0/4

+ sign 4212.949+/-0.000 χ^2/NDF : 32876852725292

All: 4179.746+/-0.000 χ^2/NDF : 72390258009

- sign 4146.269+/-0.000 χ^2/NDF : 39489095930284

dit_usl_coil3_err_mean vs Slug



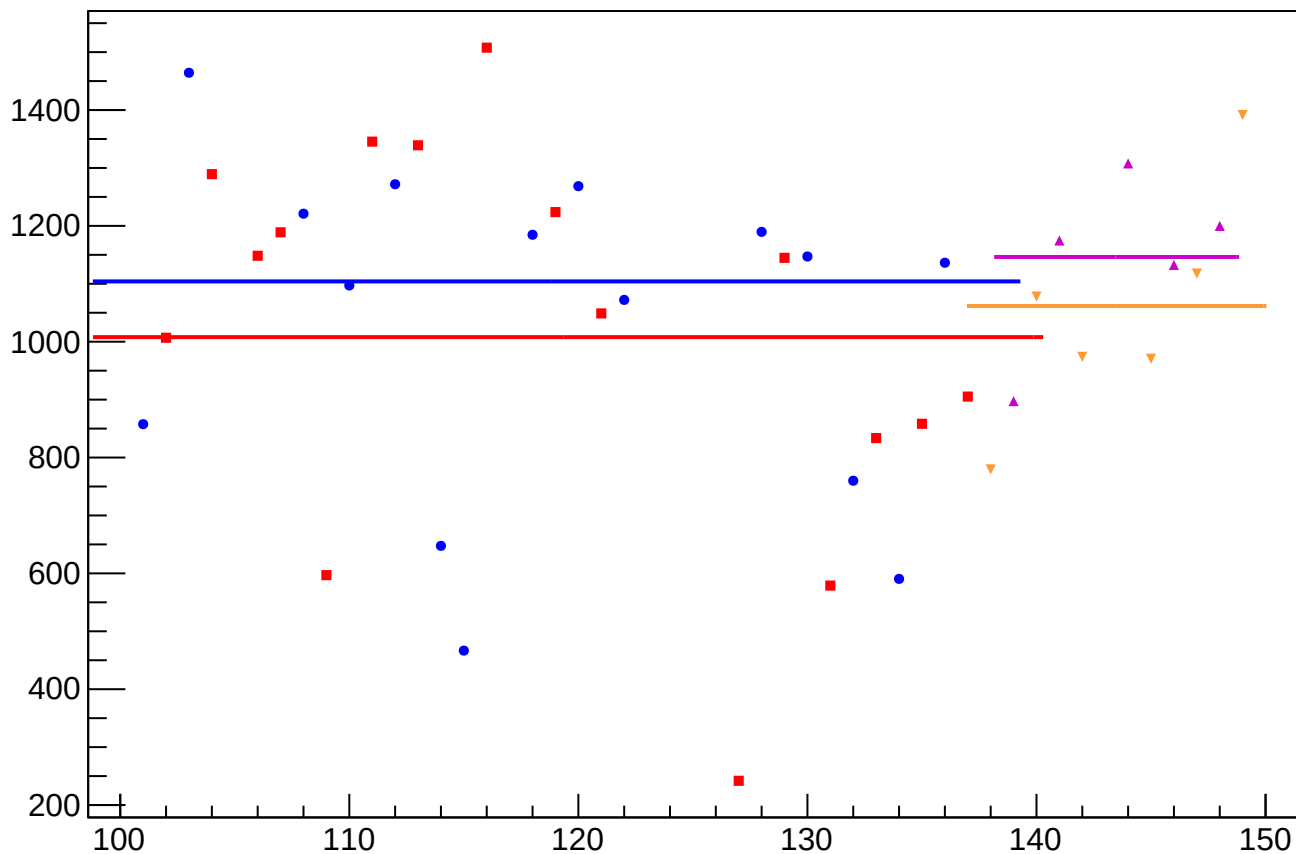
Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

Left Out: 182.278+/-0.000 χ^2/NDF : 585654215452119829919359120808345600.0/5

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

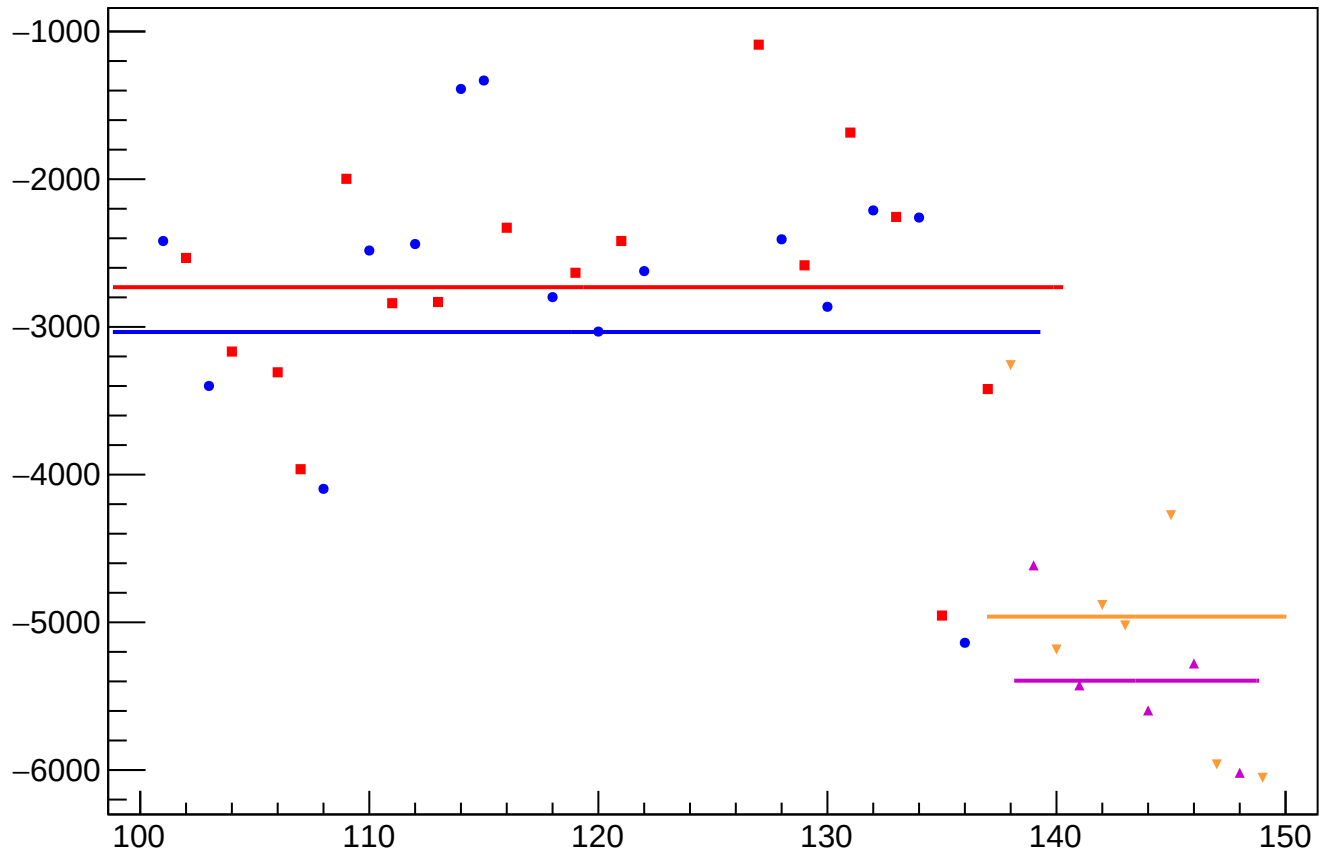
Left In: 211.567+/-0.000 χ^2/NDF : 152645084540150685684398682105970688.0/4

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1061.648 +/- 0.000 χ^2/NDF : 16638617810681819734593374020995907584.0/5
 Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1146.318 +/- 0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

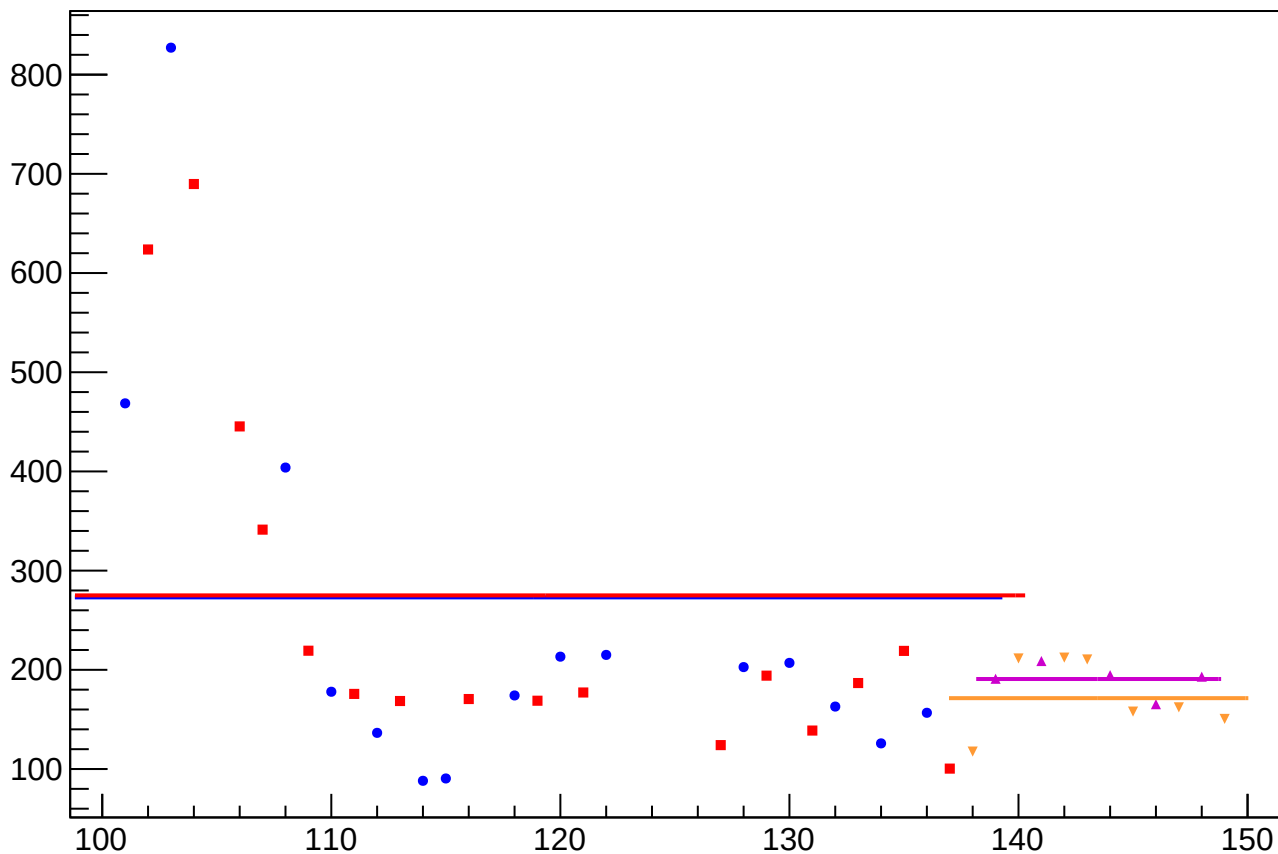
dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000	χ^2/NDF : 630694553353463868547335175090919702528.0/14
Left Out: -4961.357+/-0.000	χ^2/NDF : 446869473217612043420878404981295677440.0/6
Right Out: -2731.035+/-0.000	χ^2/NDF : 528290847703567991555694629239211950080.0/15
Left In: -5395.189+/-0.000	χ^2/NDF : 86847855371015787573365846639409889280.0/4

+ sign -3887.956+/-0.000 χ^2/NDF : 2144787265789
 All: -3827.790+/-0.000 χ^2/NDF : 4603203261
 - sign -3763.425+/-0.000 χ^2/NDF : 2449687228880

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 171.438+/-0.000 χ^2/NDF : 594848469235587429374358812163571712.0/6

Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

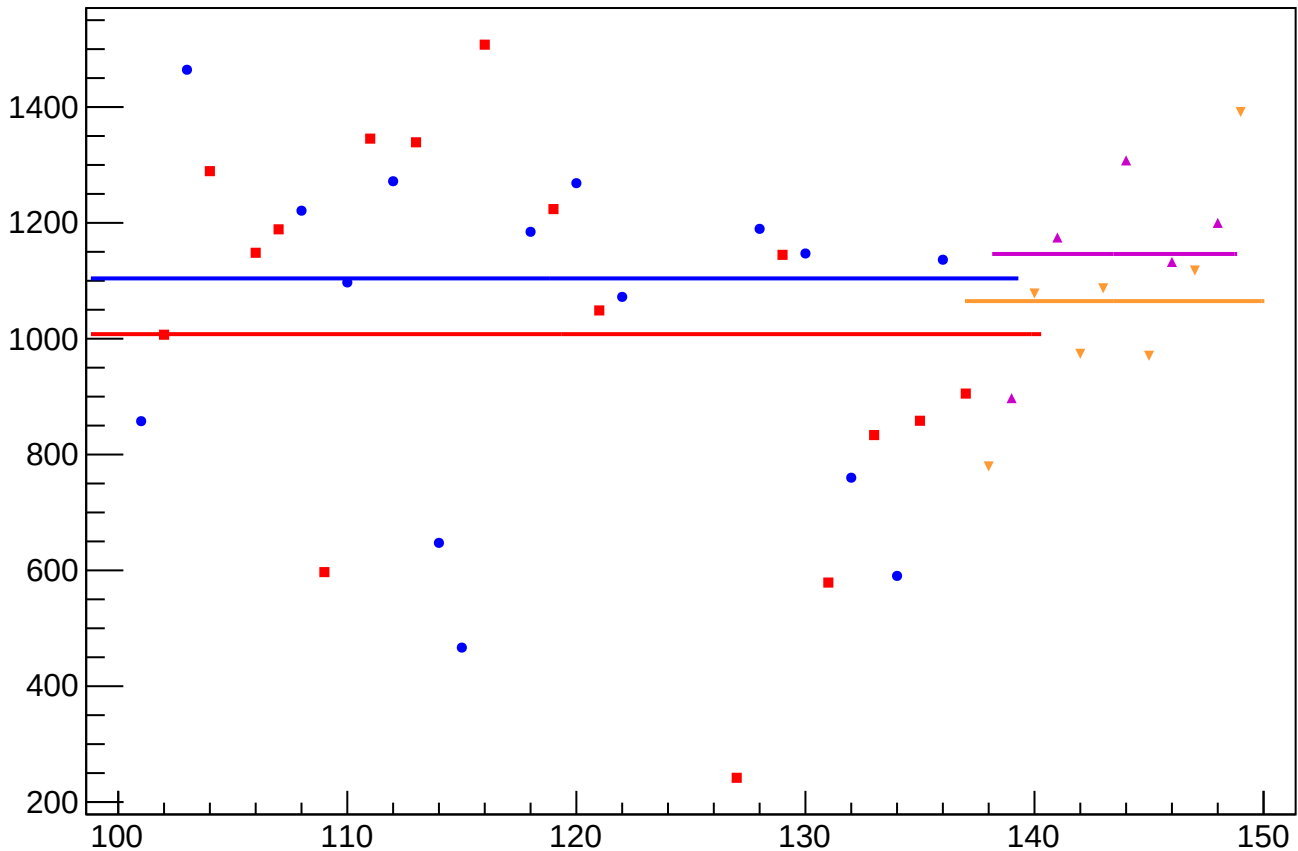
Left In: 190.740+/-0.000 χ^2/NDF : 83299934249048887322794892076253184.0/4

+ sign 228.038+/-0.000 χ^2/NDF : 300480753081608

All: 234.965+/-0.000 χ^2/NDF : 54348797369

- 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

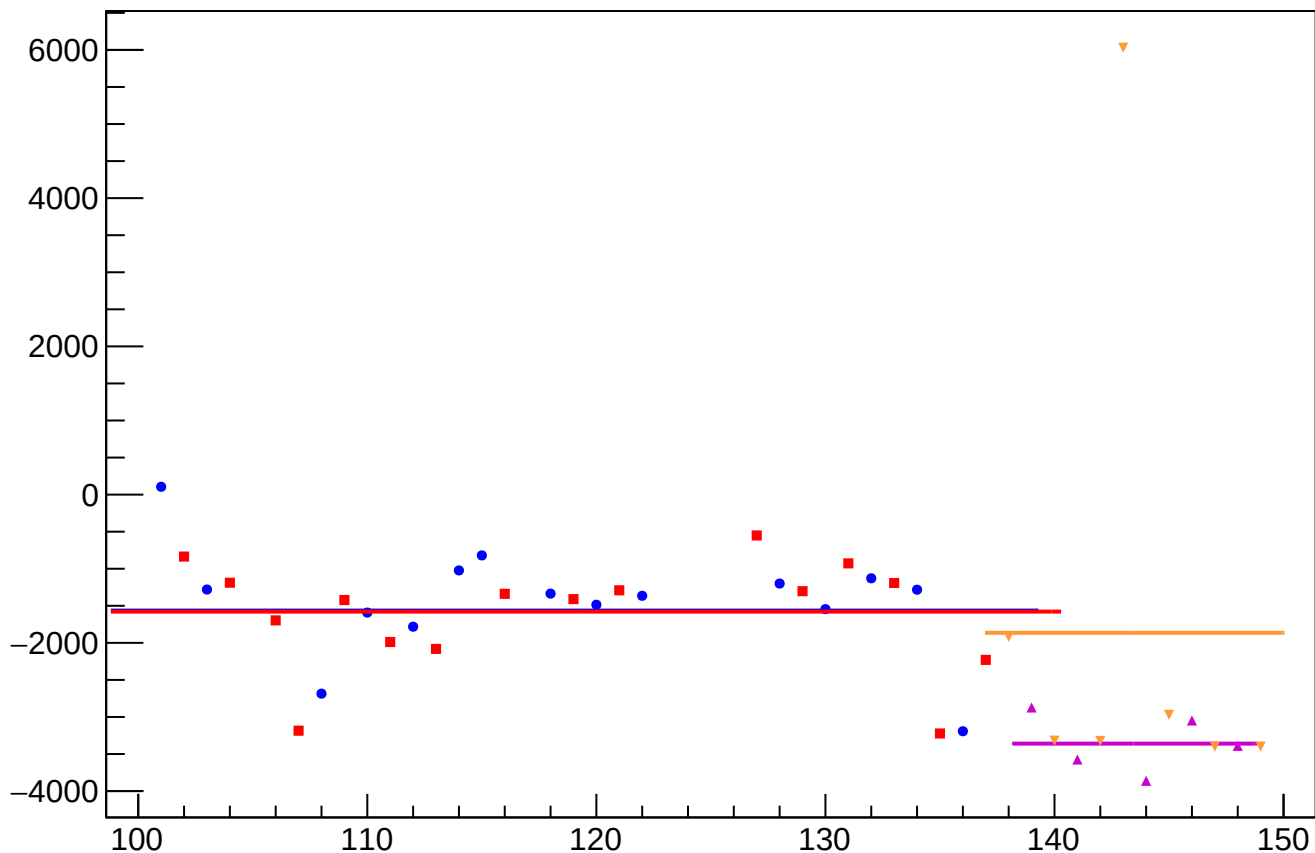
Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

All: 1074.579+/-0.000 χ^2/NDF : 13191054042.0/14

dit_atl1_coil3_mean vs Slug



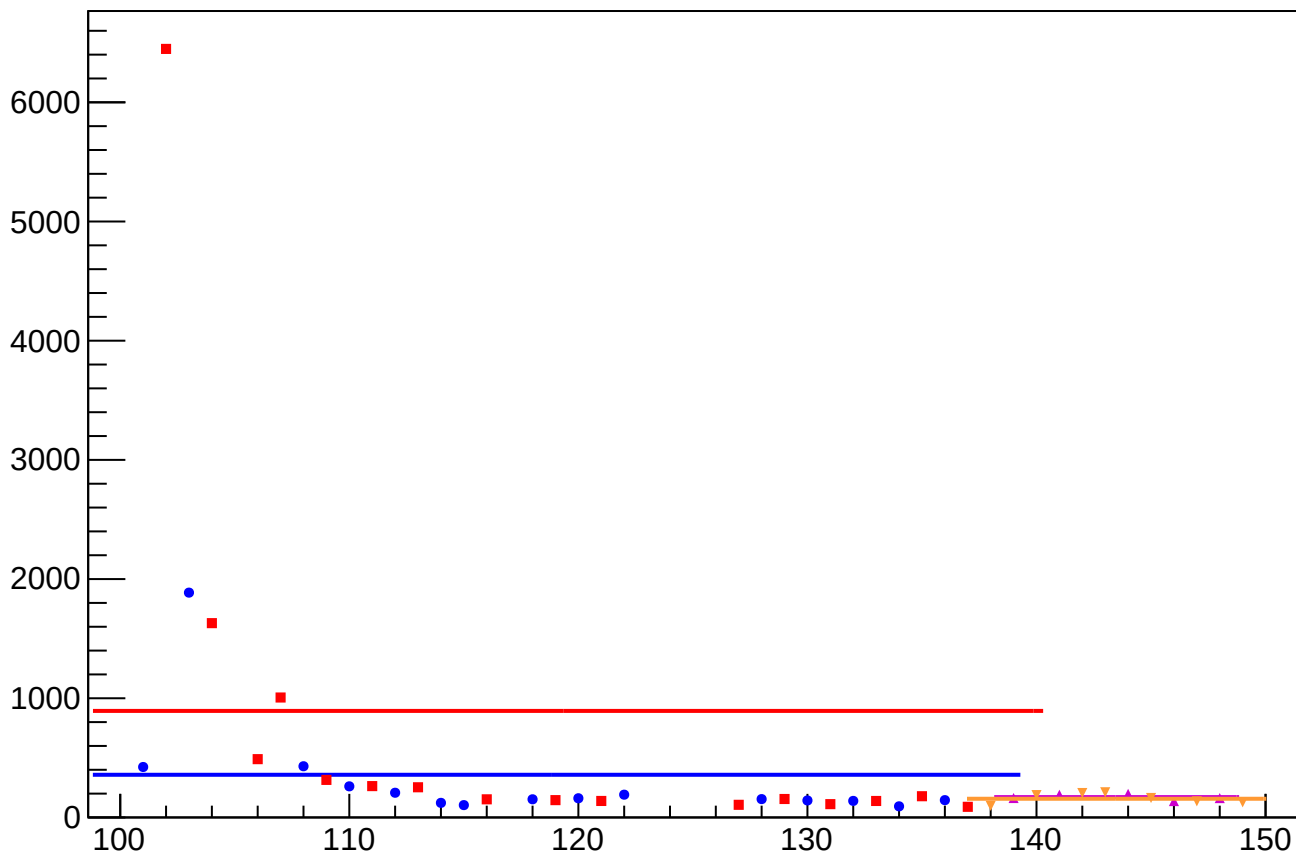
Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -1864.937+/-0.000	χ^2/NDF : 4929199221640998659526029850422485712896.0/6
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3359.568+/-0.000	χ^2/NDF : 53749610495843609523865078423525261312.0/4

+ sign -1697.622+/-0.000 χ^2/NDF : 5439003858218

All: -1973.431+/-0.000 χ^2/NDF : 6864849237

- sign -2268.487+/-0.000 χ^2/NDF : 12424168221204

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 156.911+/-0.000 χ^2/NDF : 776179113726953868066581334395453440.0/6

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

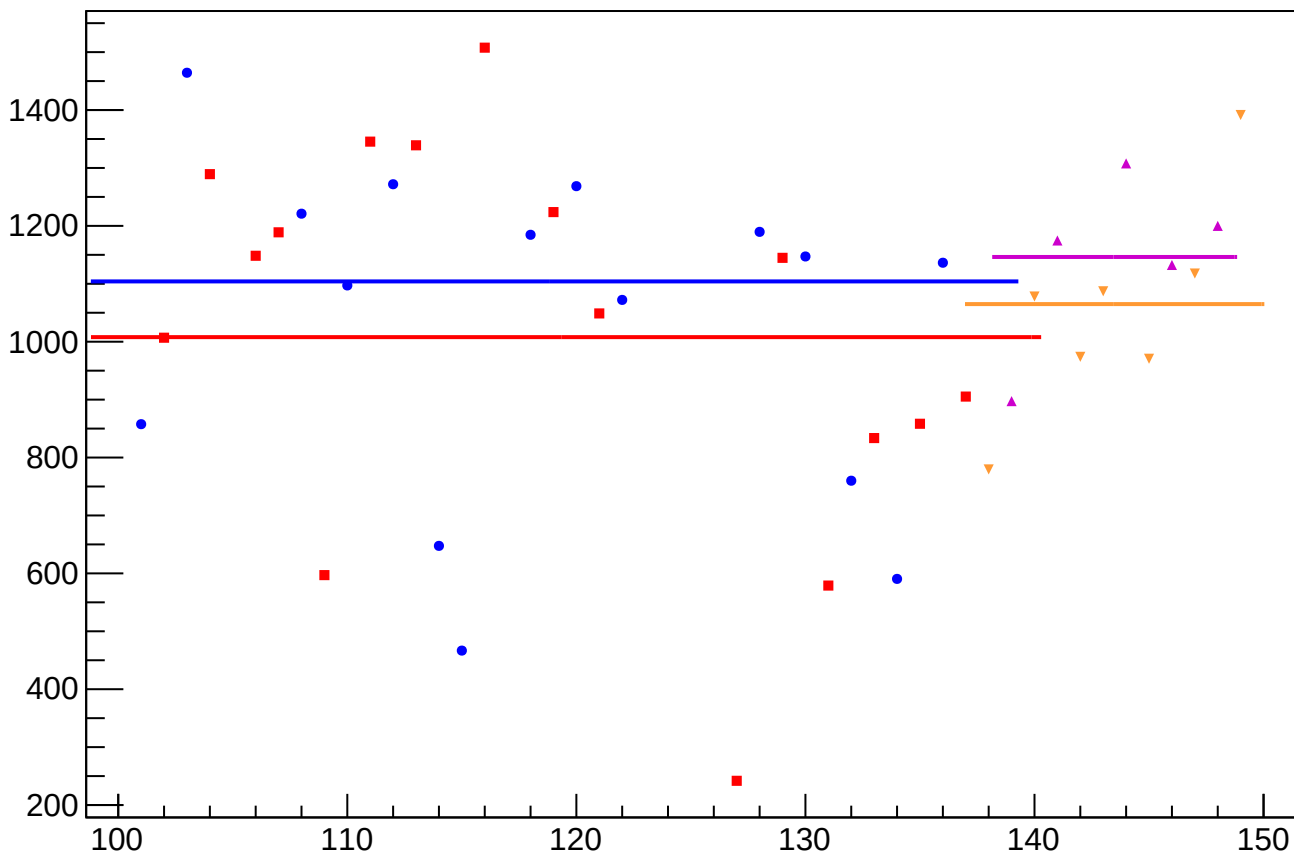
Left In: 170.859+/-0.000 χ^2/NDF : 201620359286348138380507013741281280.0/4

+ sign 268.978+/-0.000 χ^2/NDF : 170331952420663

All: 435.533+/-0.000 χ^2/NDF : 244846842473

- sign 613.711+/-0.000 χ^2/NDF : 221124583538895

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

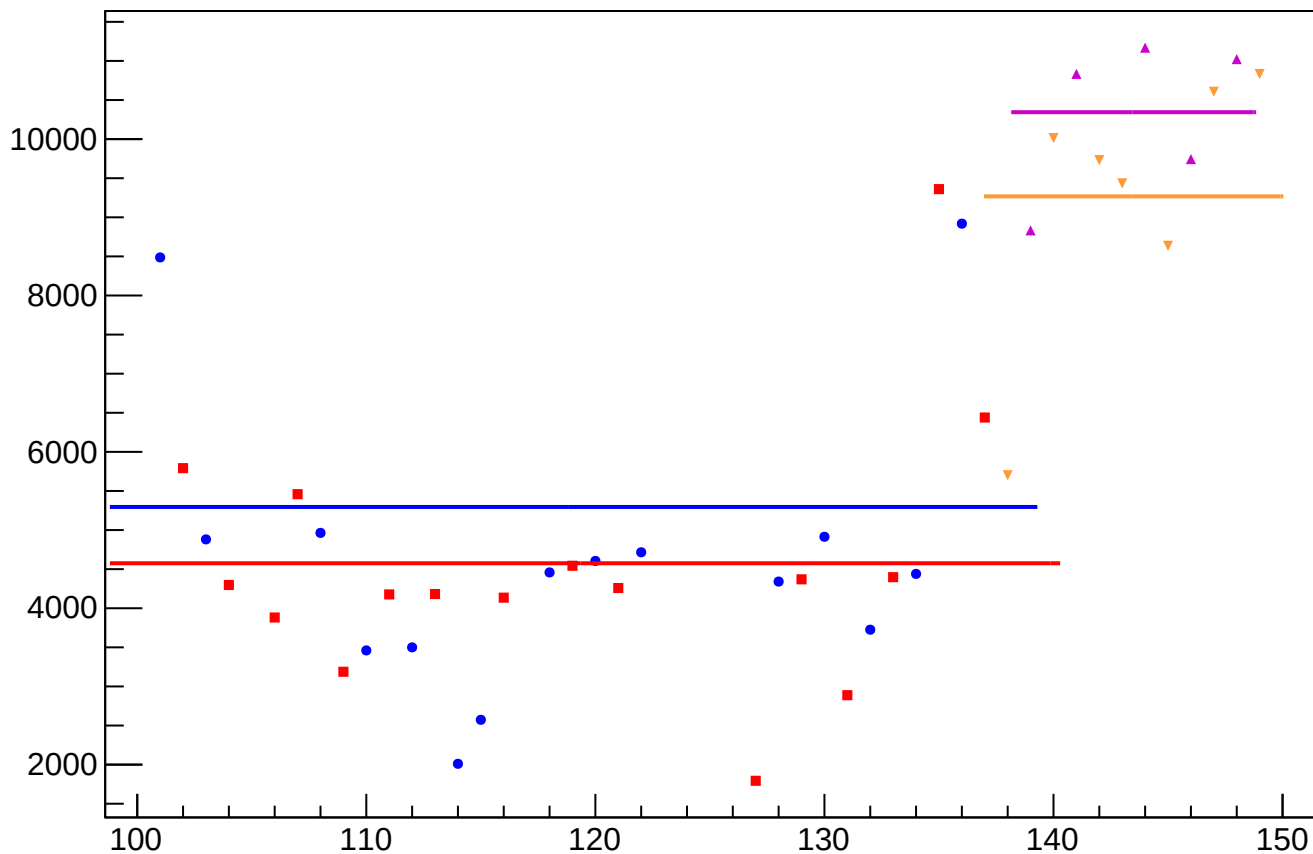
Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

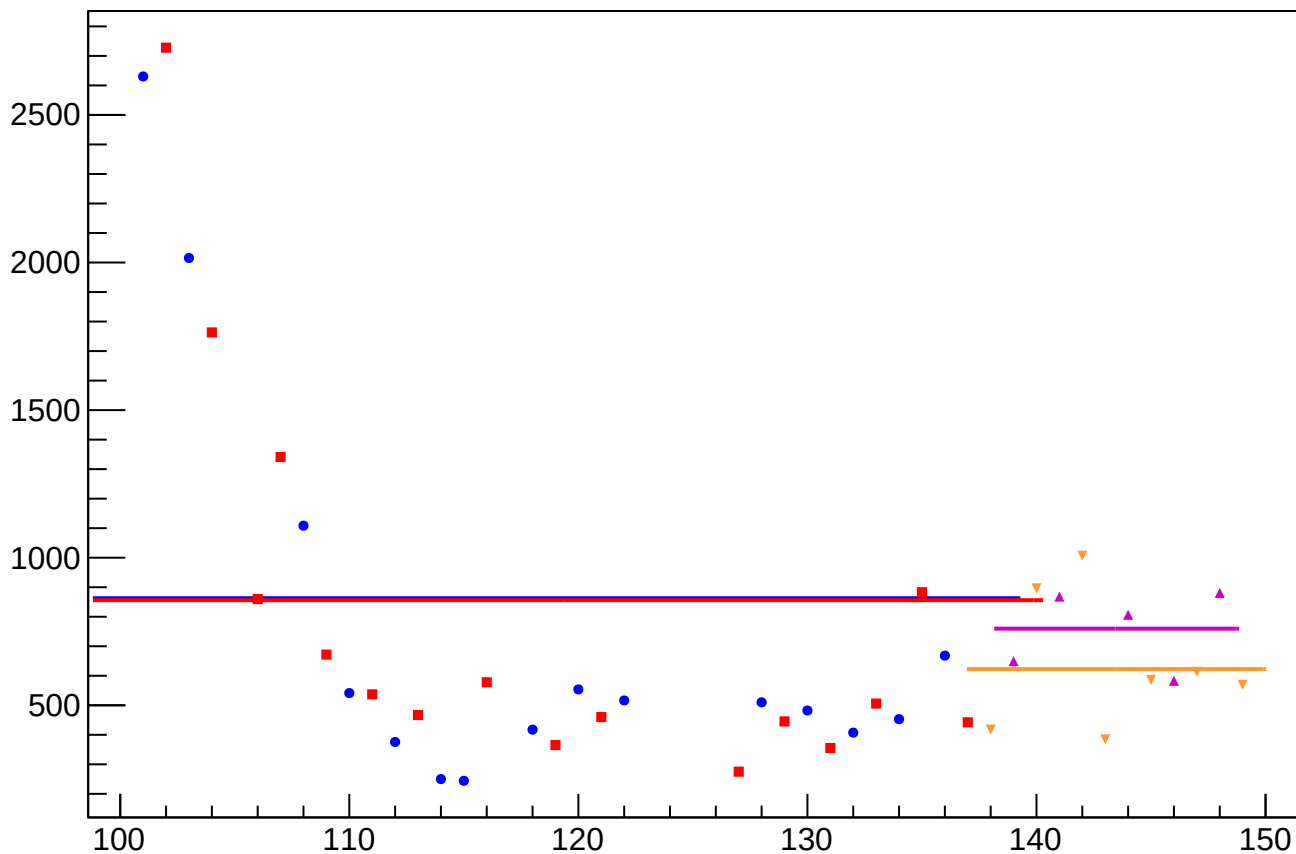
All: 1074.579+/-0.000 χ^2/NDF : 13191054042.0/14

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9267.698+/-0.000 χ^2/NDF : 1427447096726751498251099963871559942144.0/6
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10344.401+/-0.000 χ^2/NDF : 334490460281027461066889829826768666624.0/4

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683 $\pm$ 0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 622.605 $\pm$ 0.000 χ^2/NDF : 20363302868254307911888090211136045056.0/6

Right Out: 856.059 $\pm$ 0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

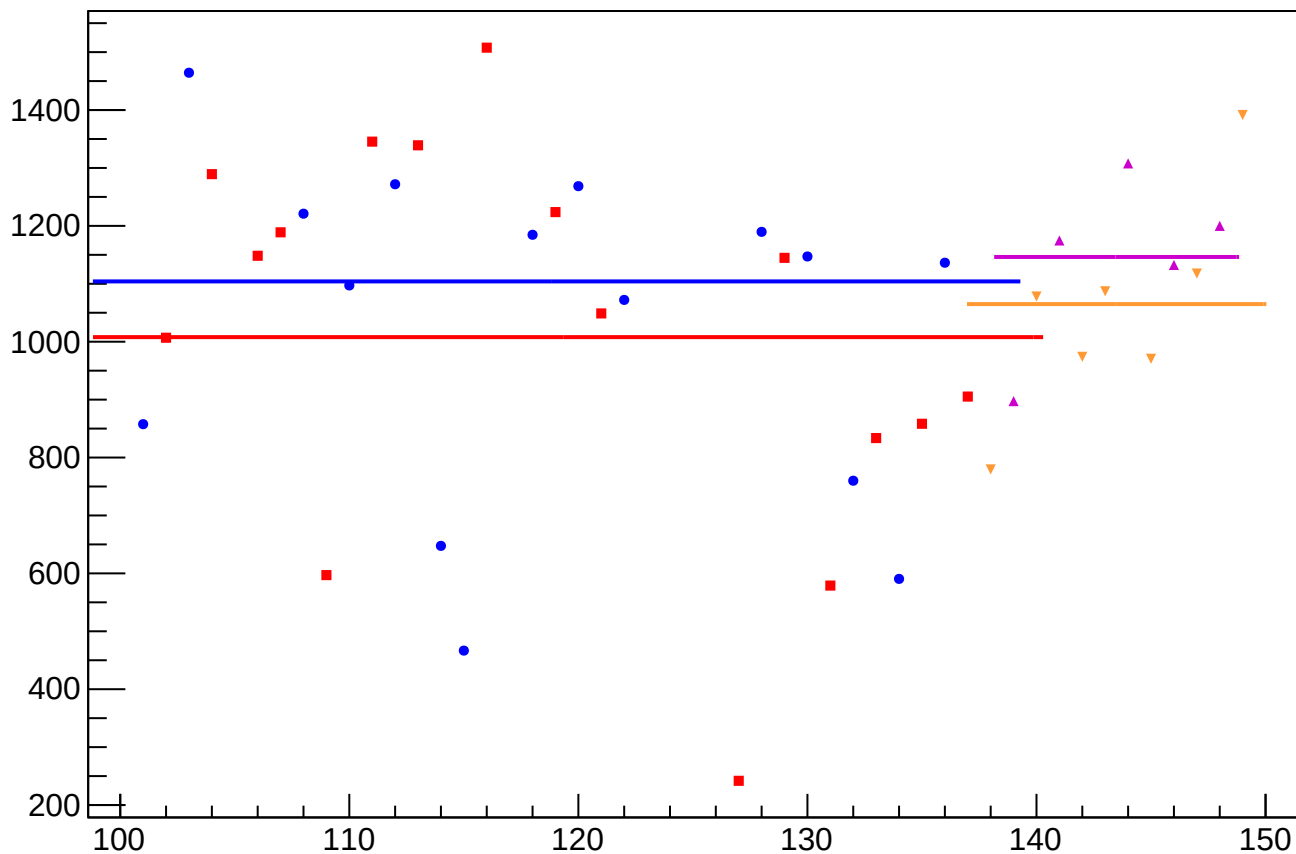
Left In: 759.674 $\pm$ 0.000 χ^2/NDF : 6009475923110976974936912575386877952.0/4

+ sign 756.348 $\pm$ 0.000 χ^2/NDF : 374615342915343

All: 786.477 $\pm$ 0.000 χ^2/NDF : 712410110107

- sign 818.708 $\pm$ 0.000 χ^2/NDF : 335605910544780

dit_atl2_coil3_Ndata_mean vs Slug



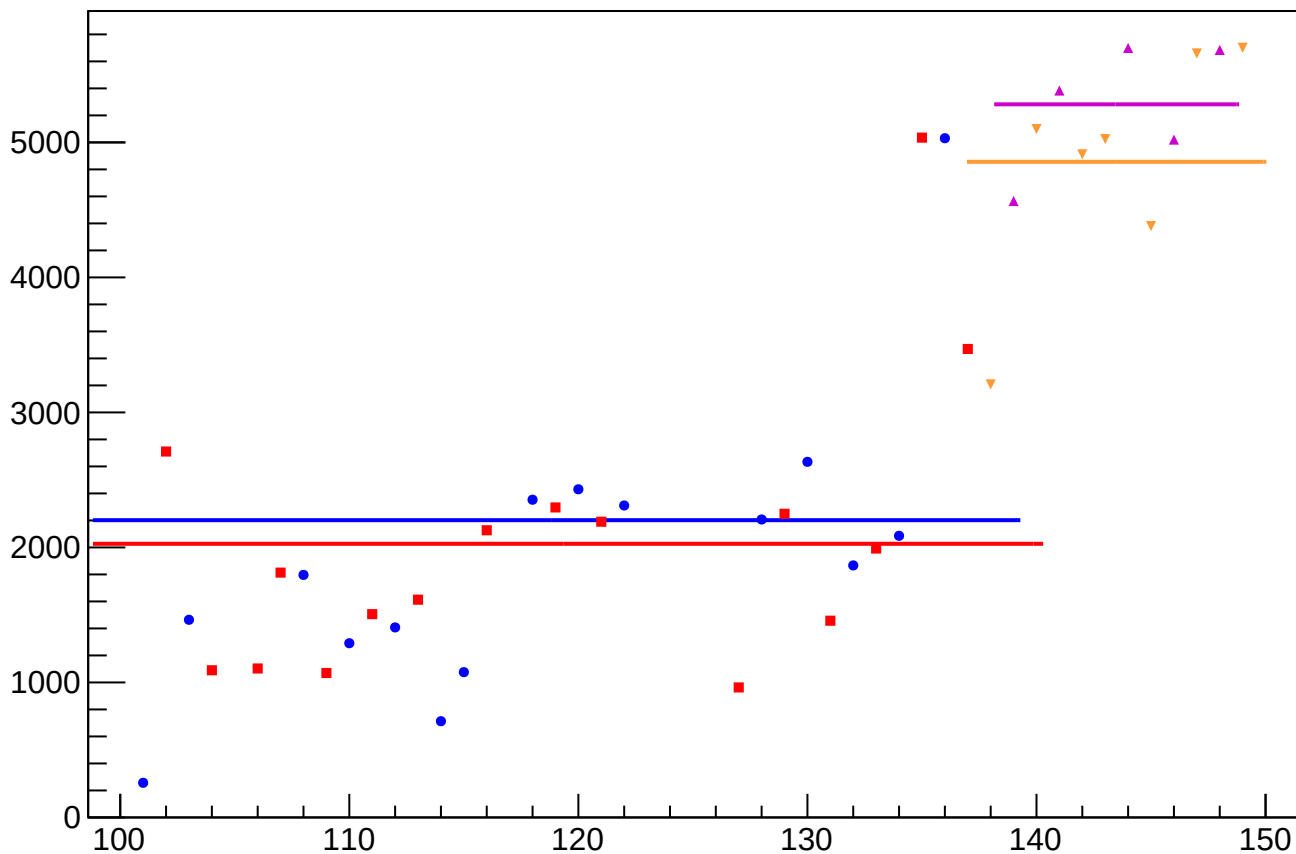
Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1064.948 ± 0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

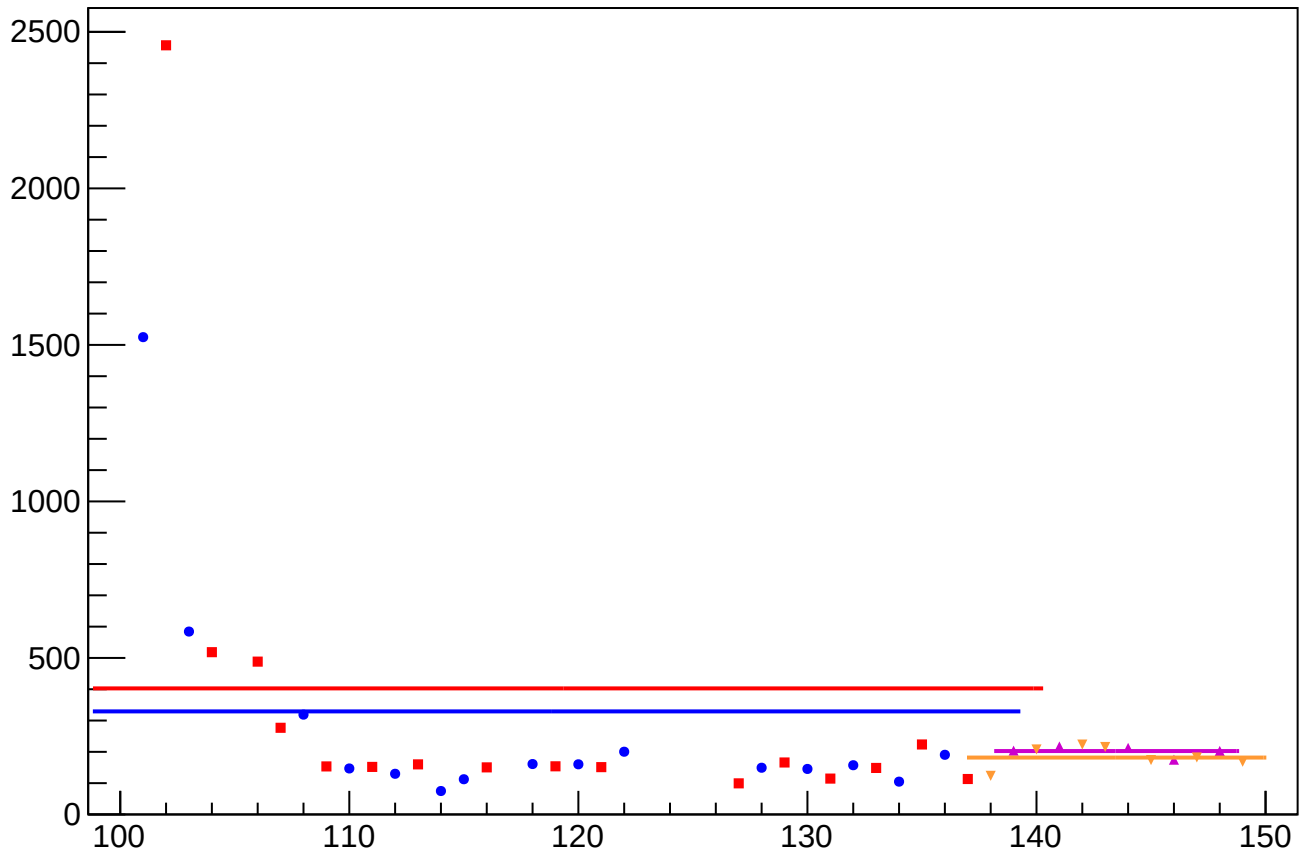
Left In: 1146.318 ± 0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 4856.506+/-0.000 χ^2/NDF : 347376101387966996793582833645559742464.0/6
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 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: 181.736+/-0.000 χ^2/NDF : 496616060099822176727962384106258432.0/6

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

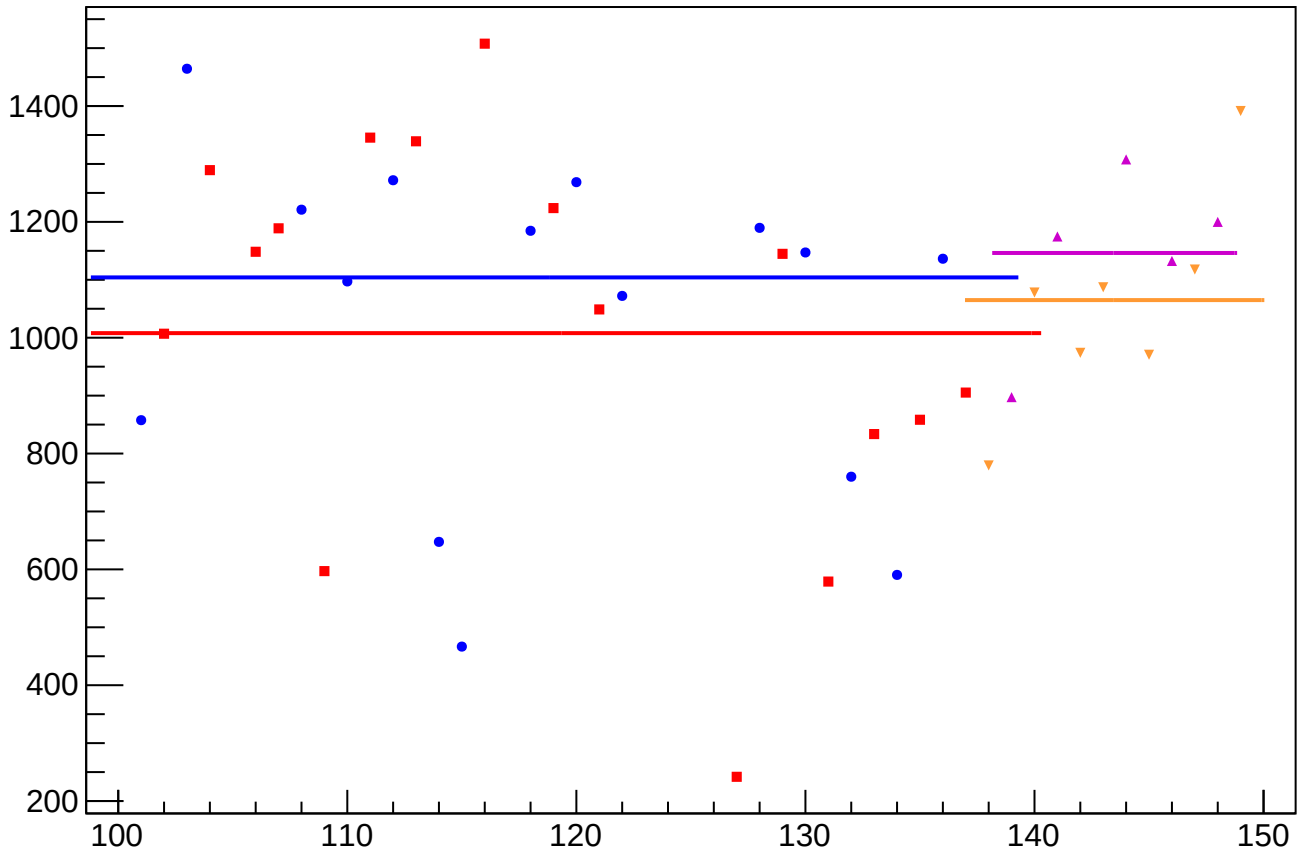
Left In: 202.549+/-0.000 χ^2/NDF : 90573536840890544037768503775723520.0/4

+ sign 263.902+/-0.000 χ^2/NDF : 110034954159622

All: 293.485+/-0.000 χ^2/NDF : 400225302147

- sign 325.133+/-0.000 χ^2/NDF : 288080051305766

dit_atr1_coil3_Ndata_mean vs Slug



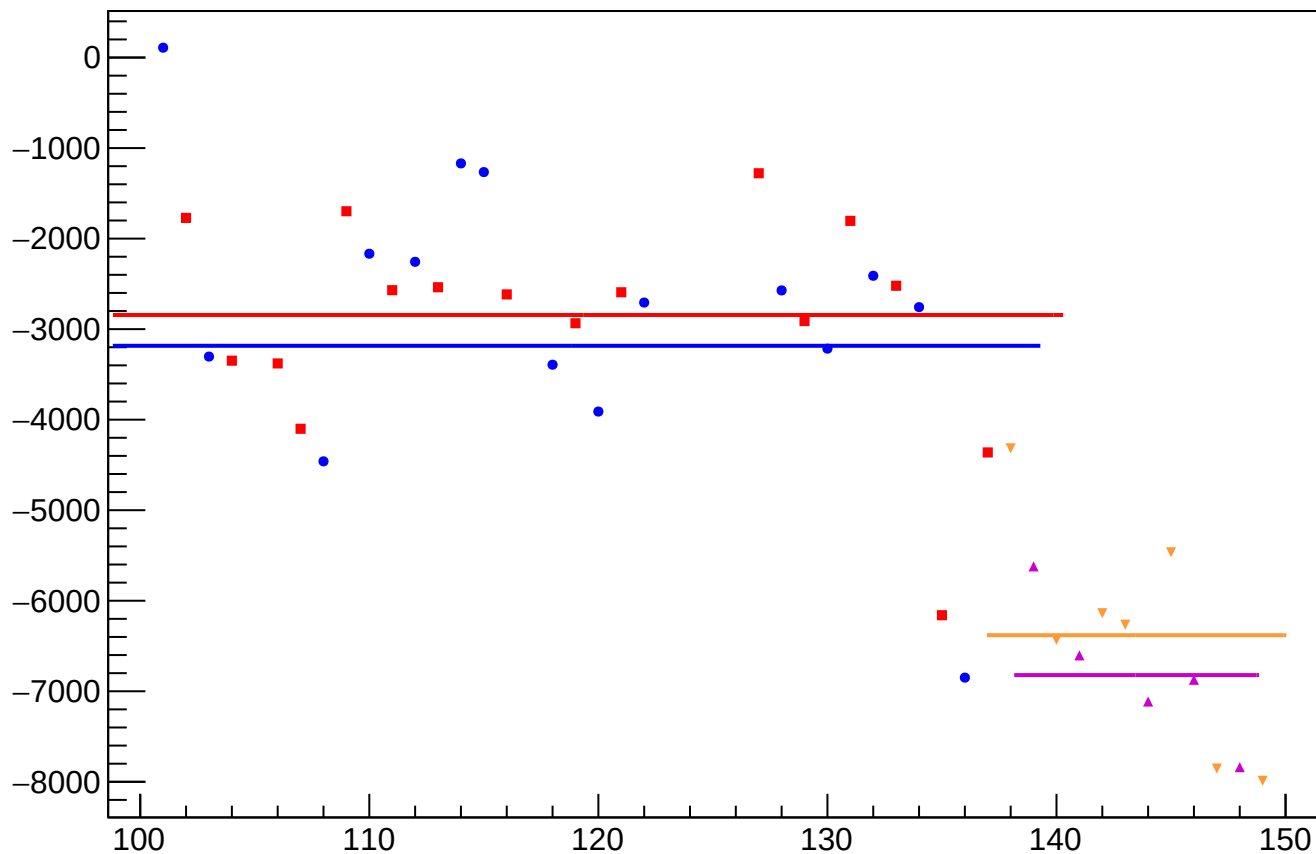
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

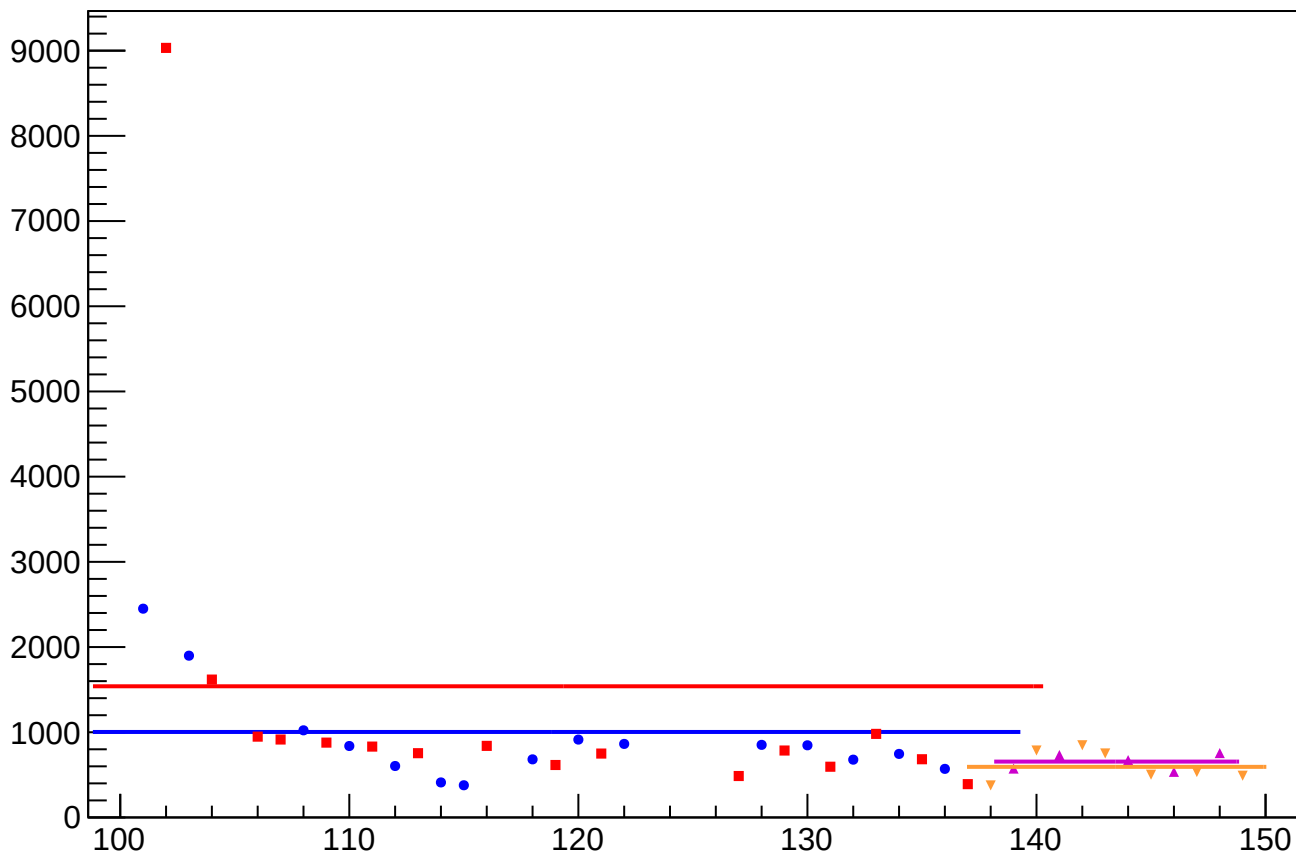
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000	χ^2/NDF : 2134923281384422537296044119642733543424.0/14
Left Out: -6380.777+/-0.000	+ sign -4599.871+/-0.000 χ^2/NDF : 5863207593171
Right Out: -2843.597+/-0.000	All: -4496.015+/-0.000 χ^2/NDF : 1114091391
Left In: -6821.064+/-0.000	- 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

Left Out: 593.899+/-0.000 χ^2/NDF : 13218411089278669555756914572380864512.0/6

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

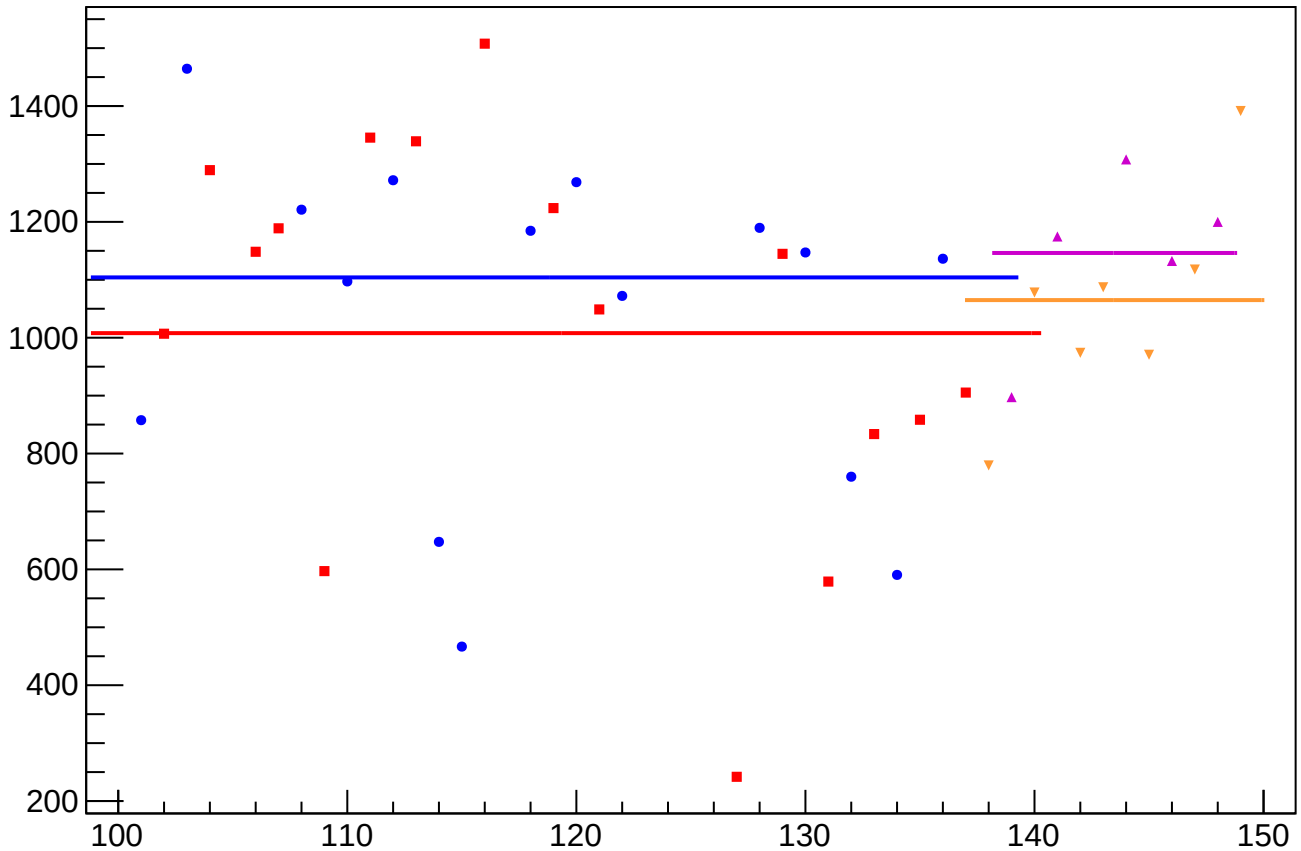
Left In: 655.607+/-0.000 χ^2/NDF : 3122126706734185771717368003774382080.0/4

All: 1003.204+/-0.000 χ^2/NDF : 41802504515

+ sign 822.028+/-0.000 χ^2/NDF : 281238688750284

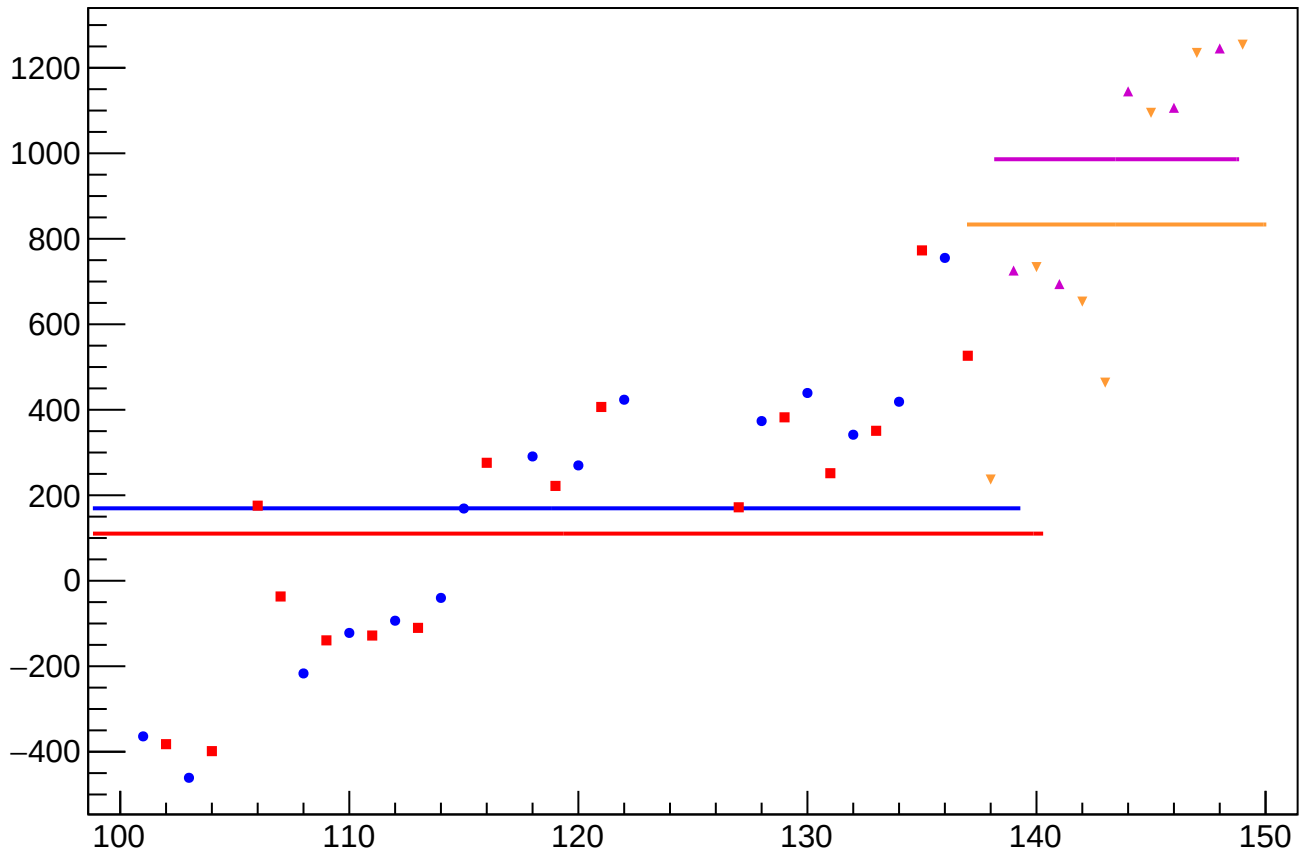
- sign 1197.023+/-0.000 χ^2/NDF : 38198619585900

dit_atr2_coil3_Ndata_mean vs Slug



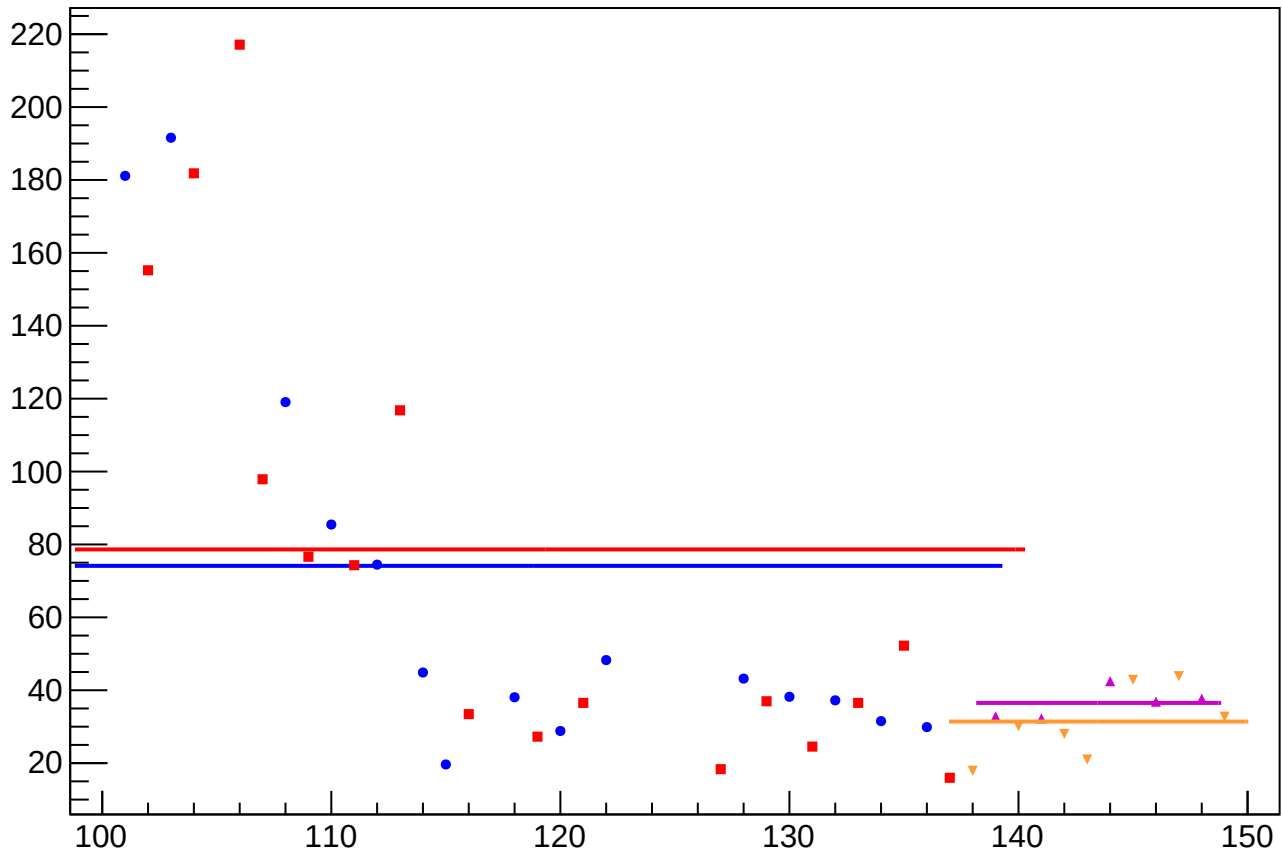
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14
 Left Out: 833.464+/-0.000 χ^2/NDF : 72205993049053908271245384612151558144.0/6
 Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15
 Left In: 986.102+/-0.000 χ^2/NDF : 21827185582659404281026760424221048832.0/4

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.406+/-0.000 χ^2/NDF : 45015633900316960573050677379465216.0/6

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

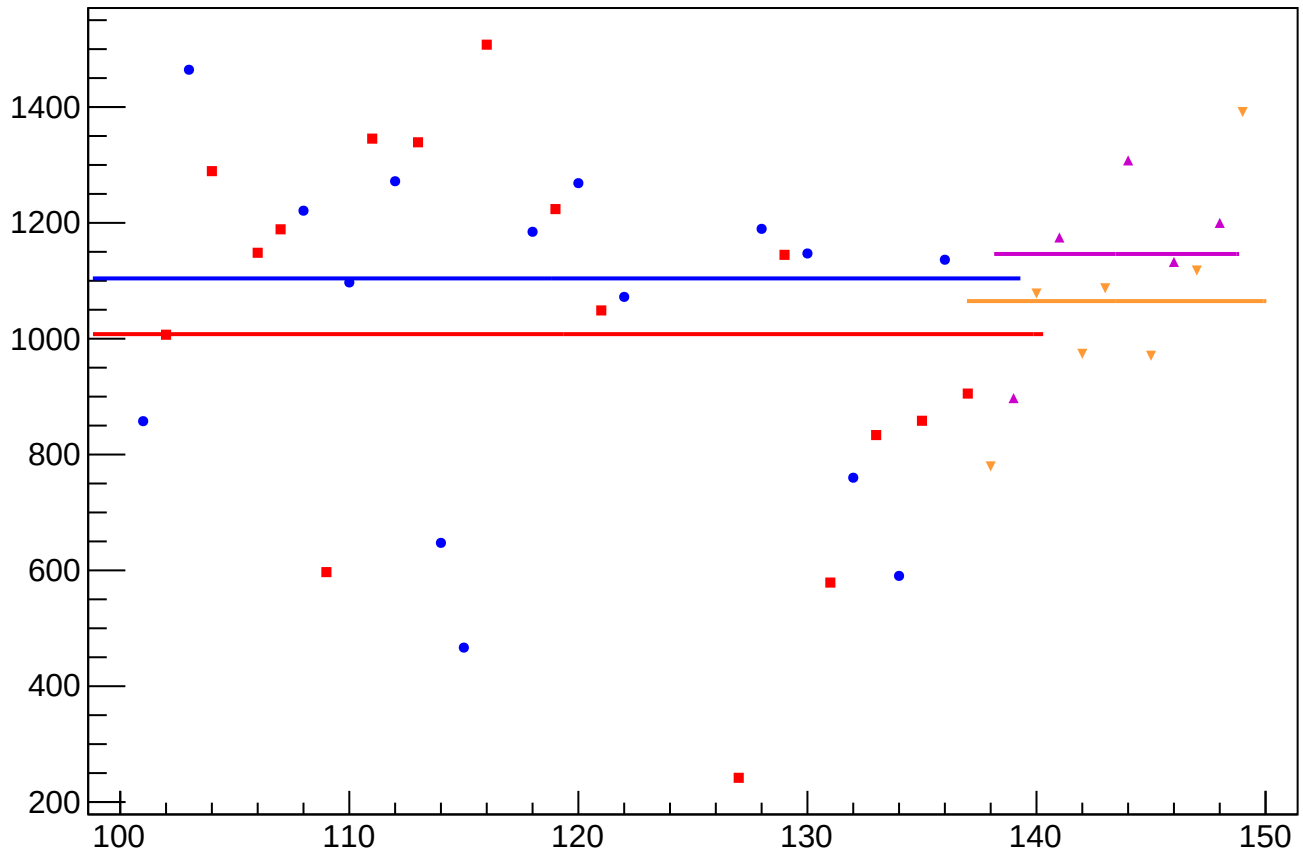
Left In: 36.520+/-0.000 χ^2/NDF : 5917729859003124109398744833720320.0/4

+ sign 55.206+/-0.000 χ^2/NDF : 2738062802059179

All: 58.640+/-0.000 χ^2/NDF : 5574034902310

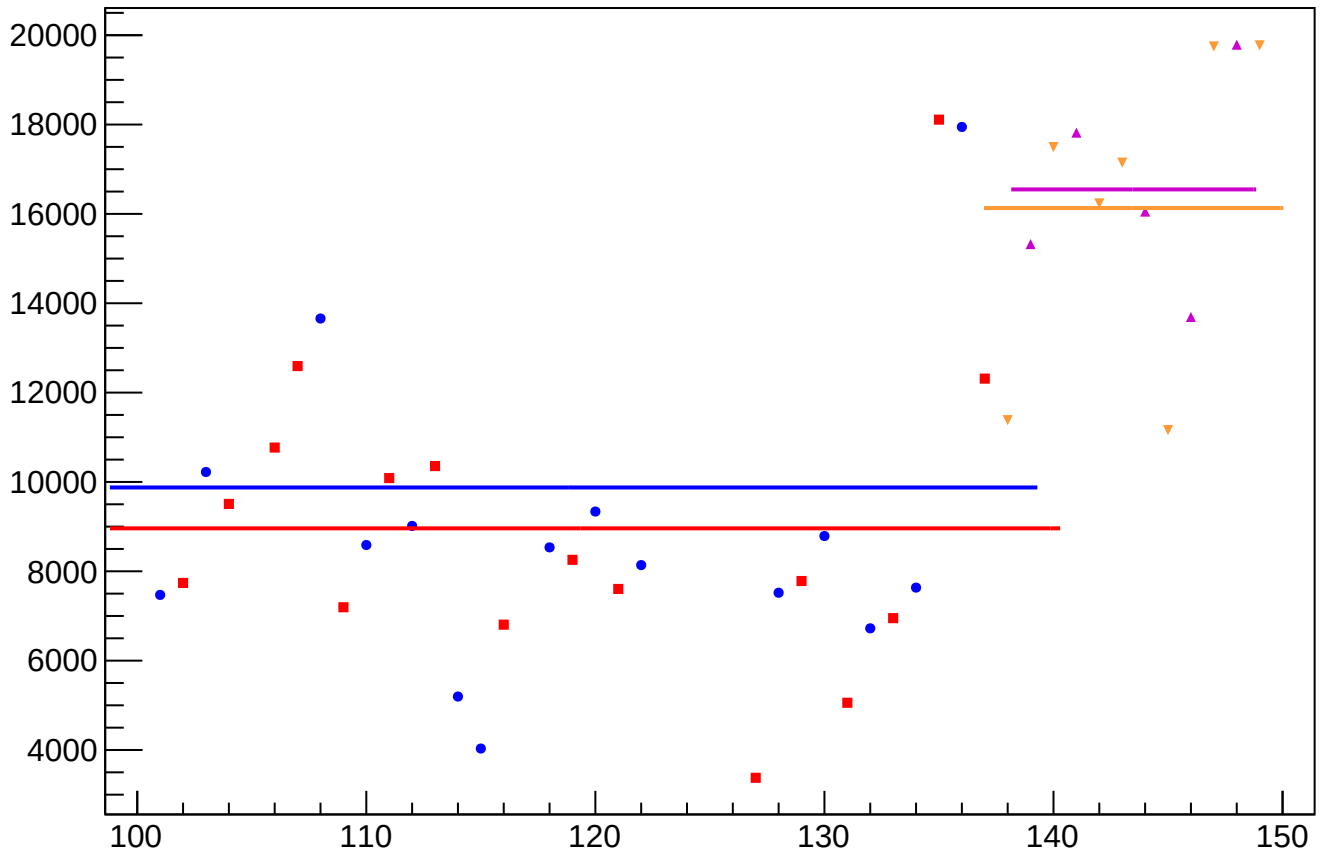
- sign 62.314+/-0.000 χ^2/NDF : 2807535931096320

dit_sam1_coil3_Ndata_mean vs Slug



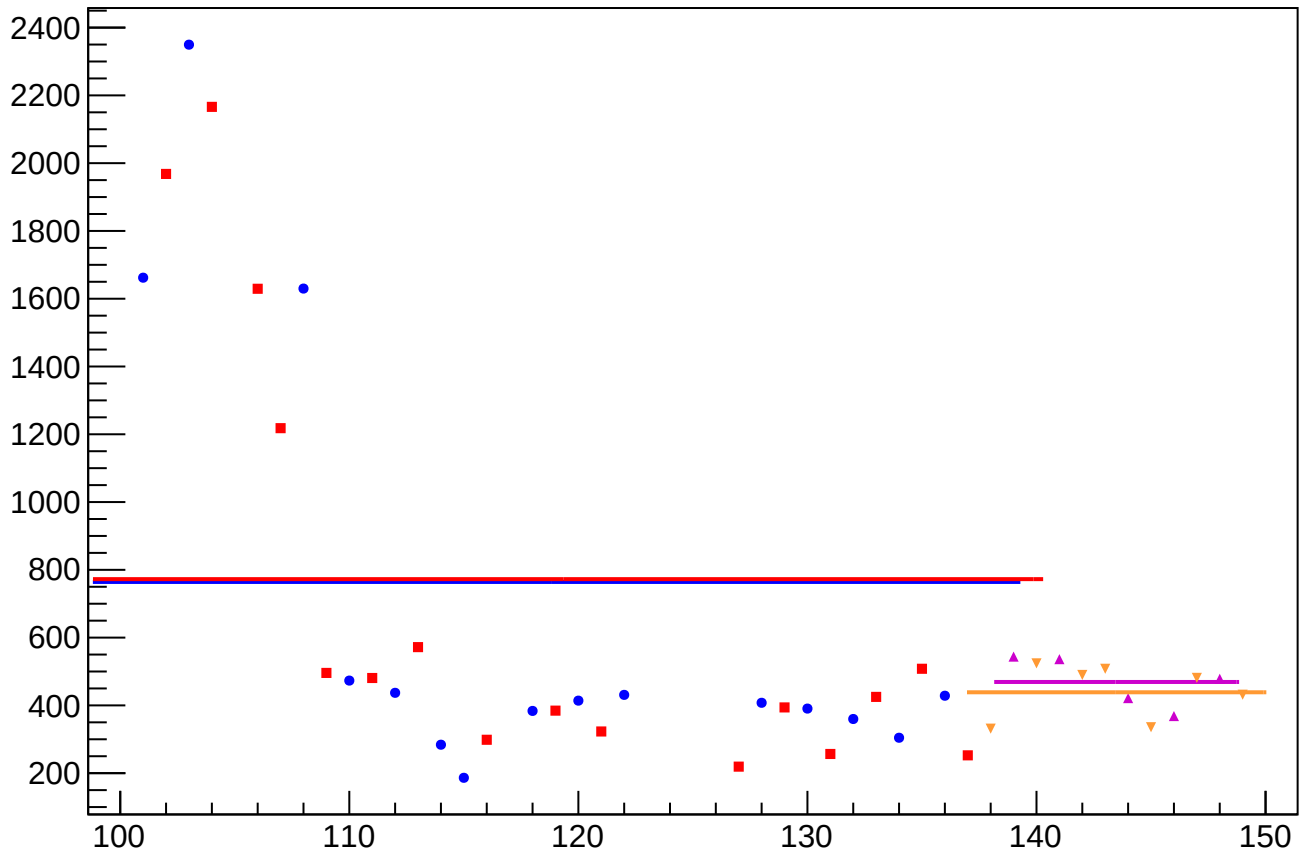
Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1064.948 ± 0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6
 Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1146.318 ± 0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 16130.952+/-0.000 χ^2/NDF : 6115865178935606266683423902715621670912.0/6
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 16547.963+/-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: 438.667+/-0.000 χ^2/NDF : 2945253779007057284344627914315137024.0/6

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

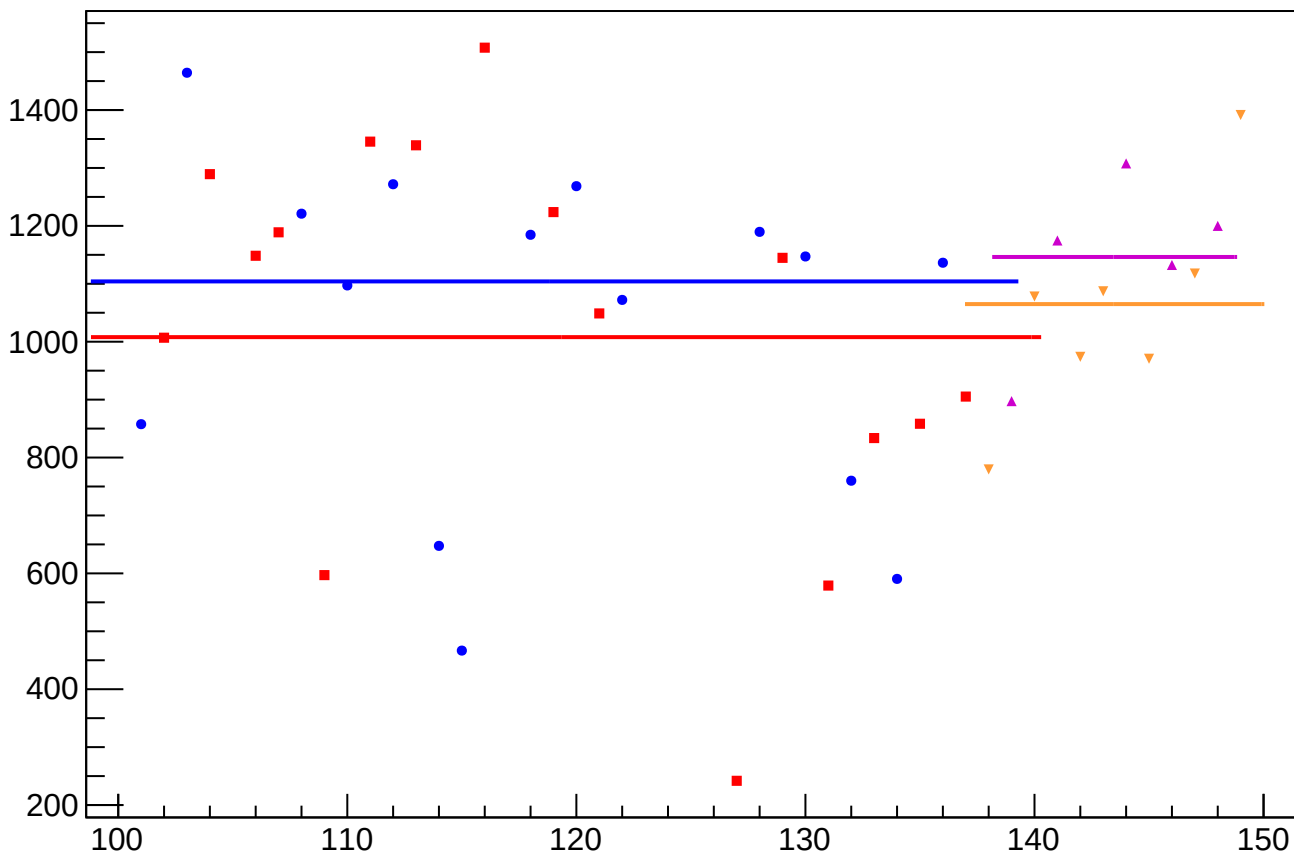
Left In: 469.101+/-0.000 χ^2/NDF : 1888407750141718830731283069570908160.0/4

+ sign 620.062+/-0.000 χ^2/NDF : 324387782269426

All: 636.922+/-0.000 χ^2/NDF : 636663572229

- 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: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

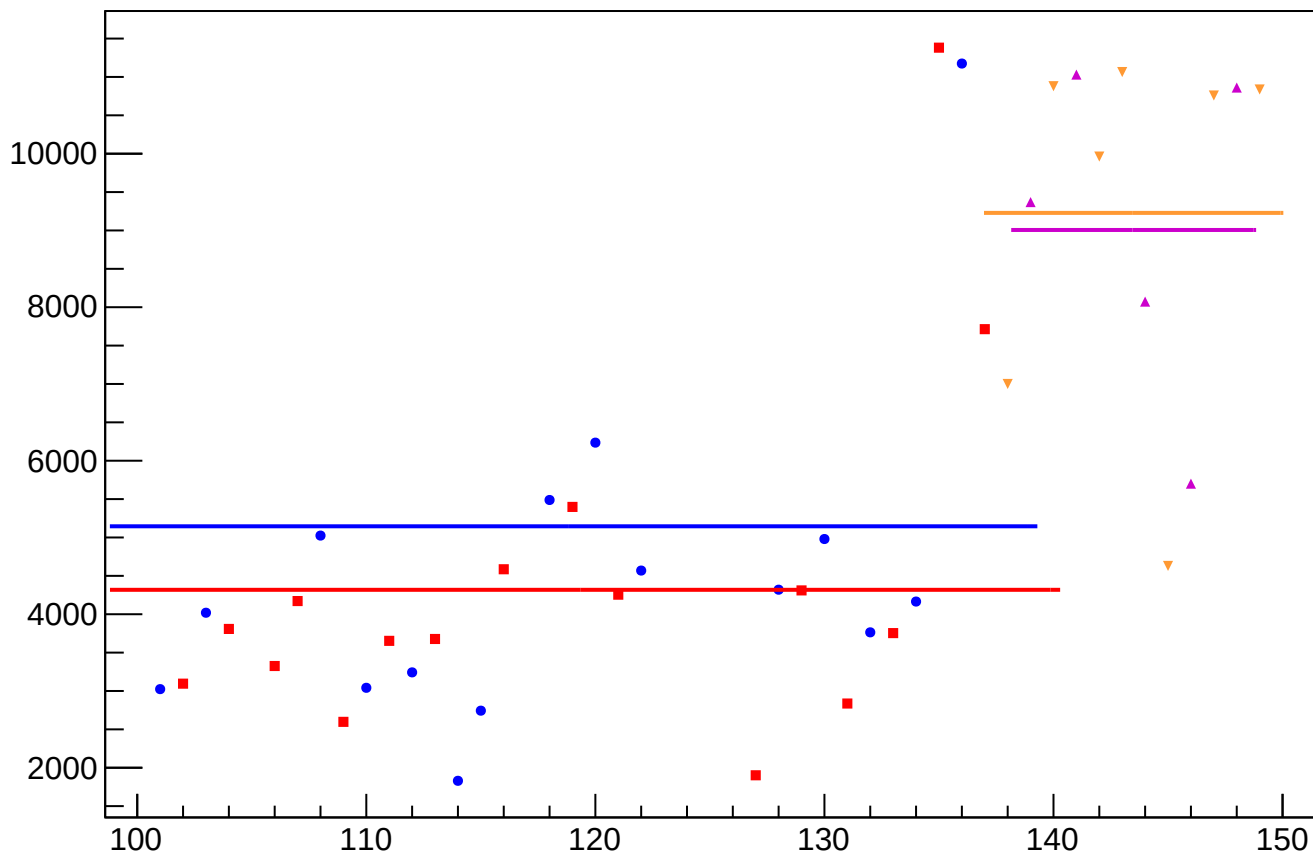
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1086.765+/-0.000 χ^2/NDF : 49854992784939

All: 1074.579+/-0.000 χ^2/NDF : 13191054042

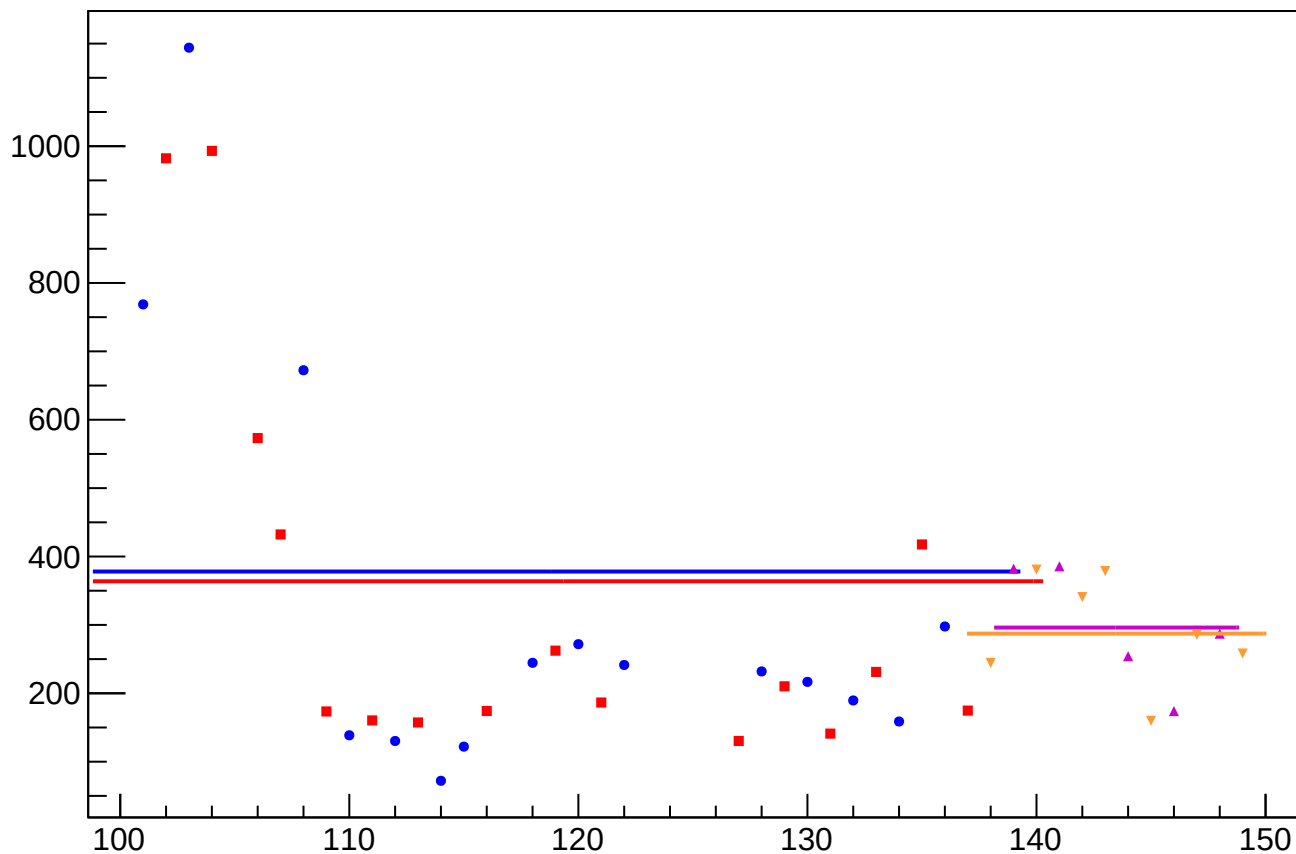
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000	χ^2/NDF : 4272867262459372237810540195851662262272.0/14	+ sign 6954.170+/-0.000	χ^2/NDF : 12039853342253
Left Out: 9228.832+/-0.000	χ^2/NDF : 2974461499345349710665748923569978474496.0/6	All: 6558.317+/-0.000	χ^2/NDF : 23076113957
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

+ sign 337.855 $\pm$ 0.000 χ^2 /NDF: 668252253768547

Left Out: 287.298 $\pm$ 0.000 χ^2 /NDF: 2941062711572118758712239581397254144.0/6

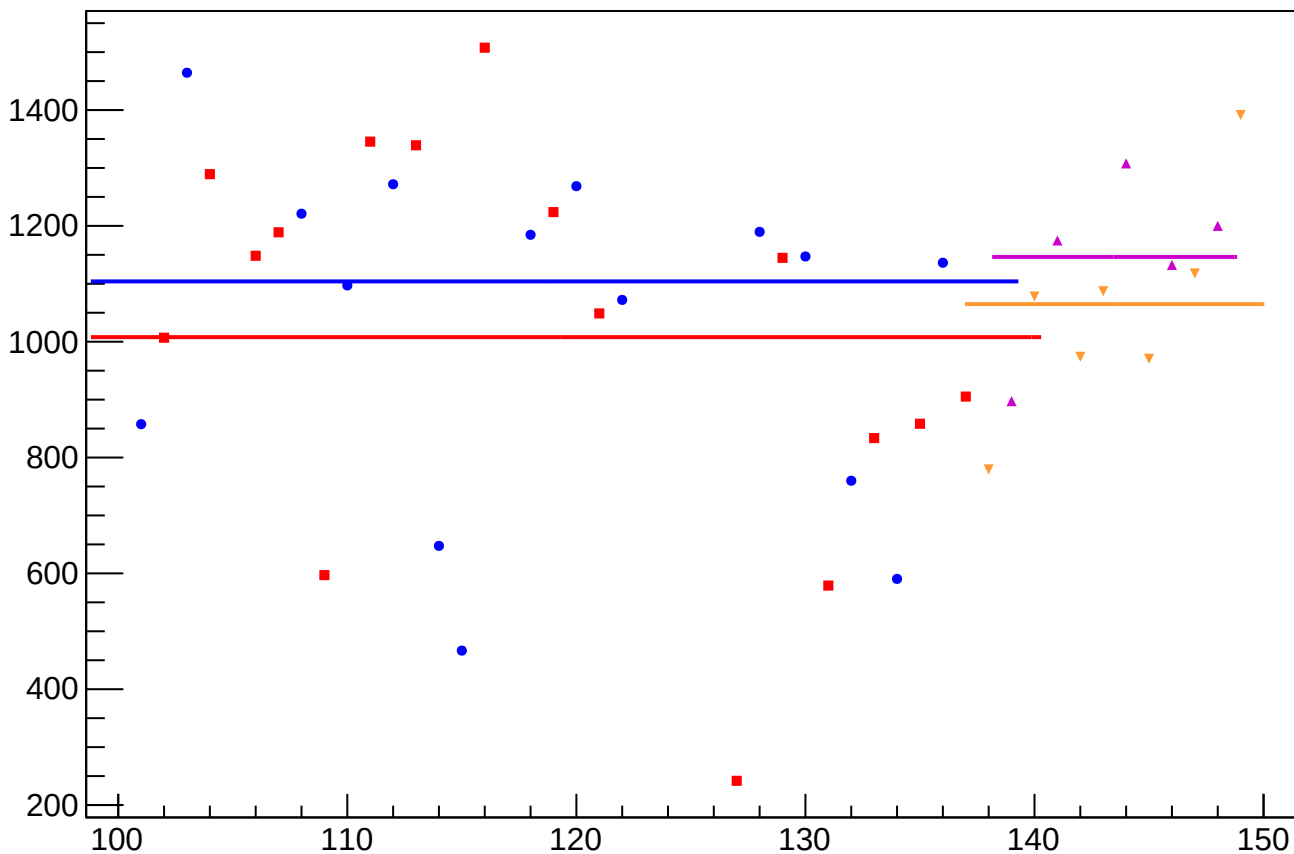
All: 337.707 $\pm$ 0.000 χ^2 /NDF: 12972280135

Right Out: 363.772 $\pm$ 0.000 χ^2 /NDF: 59031337484709801804181439342706688000.0/15

- sign 337.548 $\pm$ 0.000 χ^2 /NDF: 628975228830037

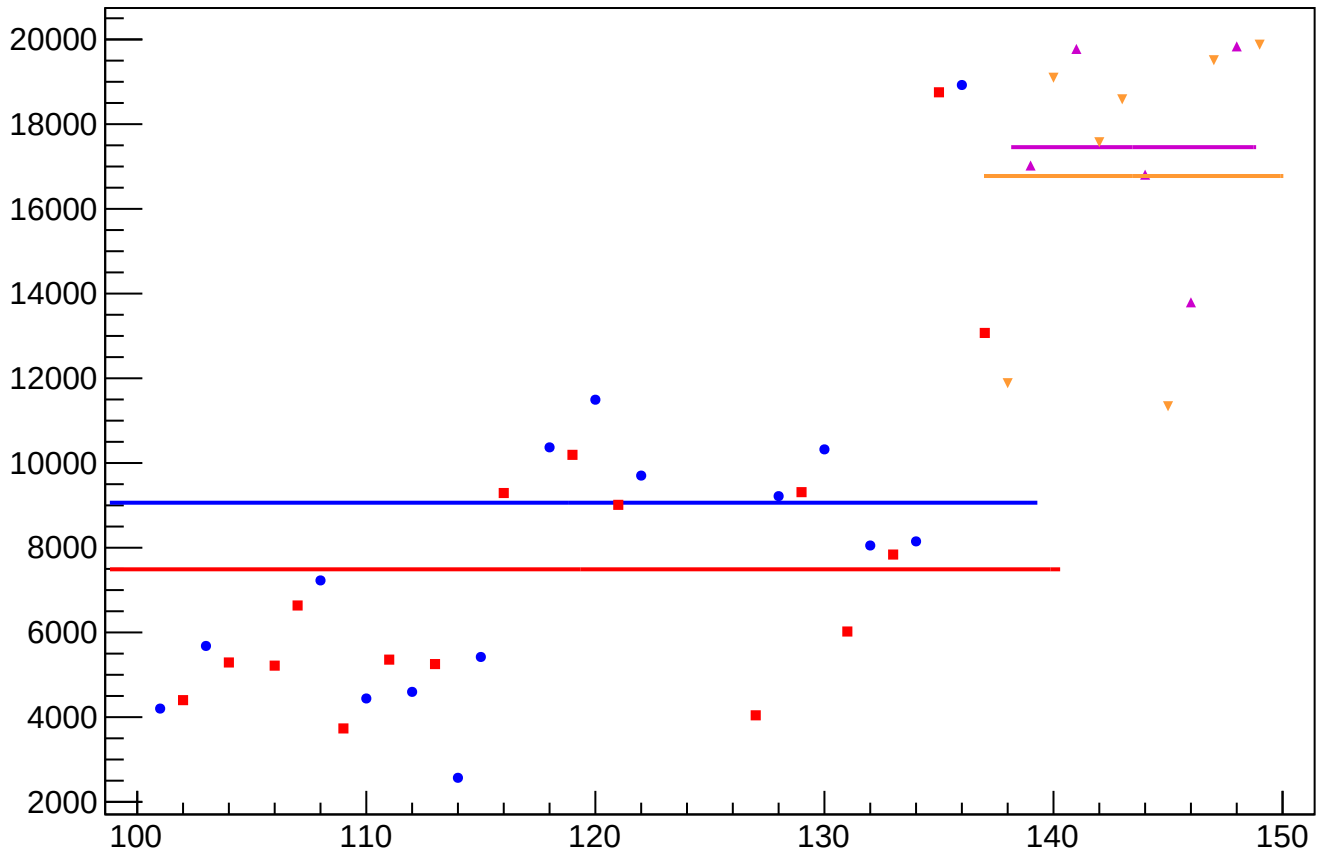
Left In: 296.099 $\pm$ 0.000 χ^2 /NDF: 2682459753340927687891074853401264128.0/4

dit_sam3_coil3_Ndata_mean vs Slug



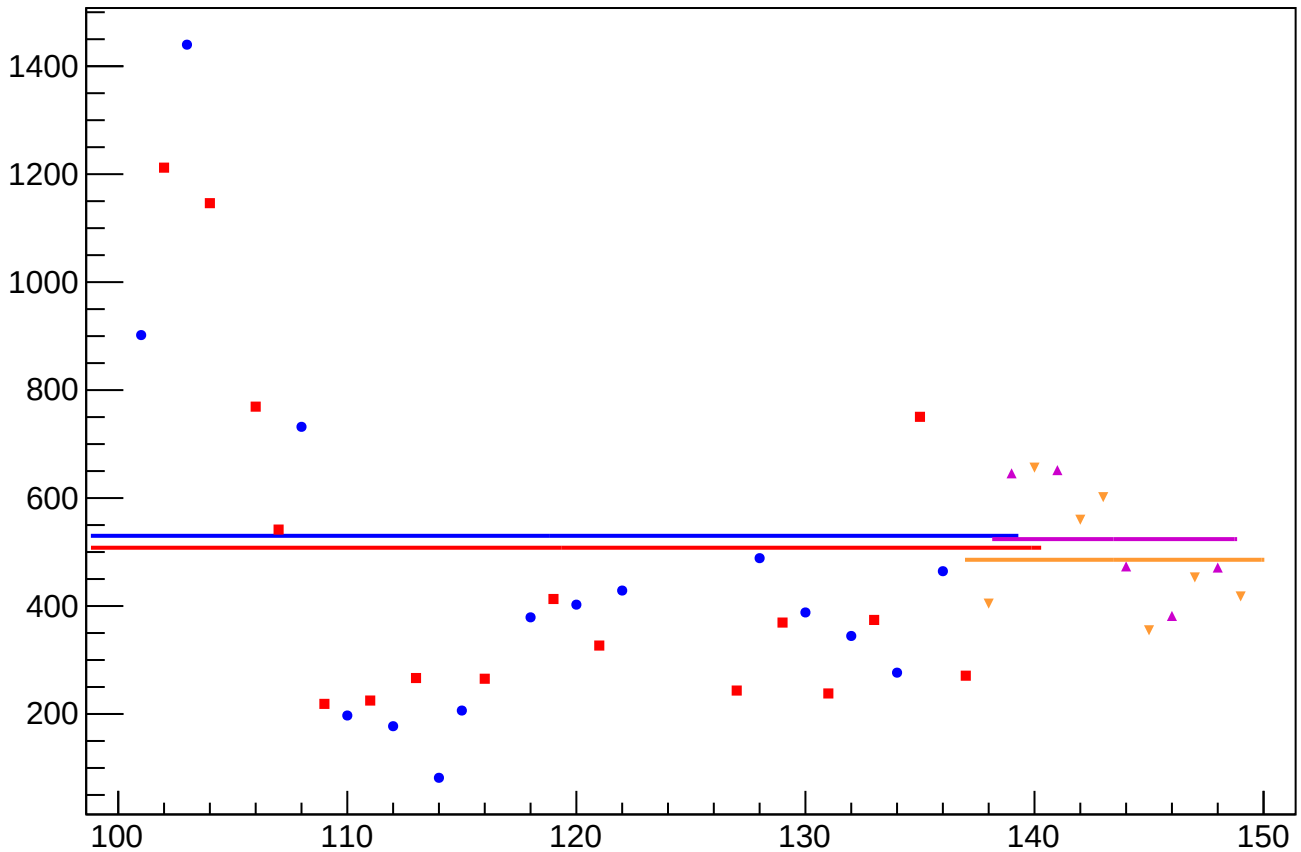
Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1064.948 ± 0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6
 Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1146.318 ± 0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 16775.831+/-0.000 χ^2/NDF : 6341021444494413094683985916388125442048.0/6
 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: 485.674+/-0.000 χ^2/NDF : 5910403605636311050195843485723000832.0/6

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

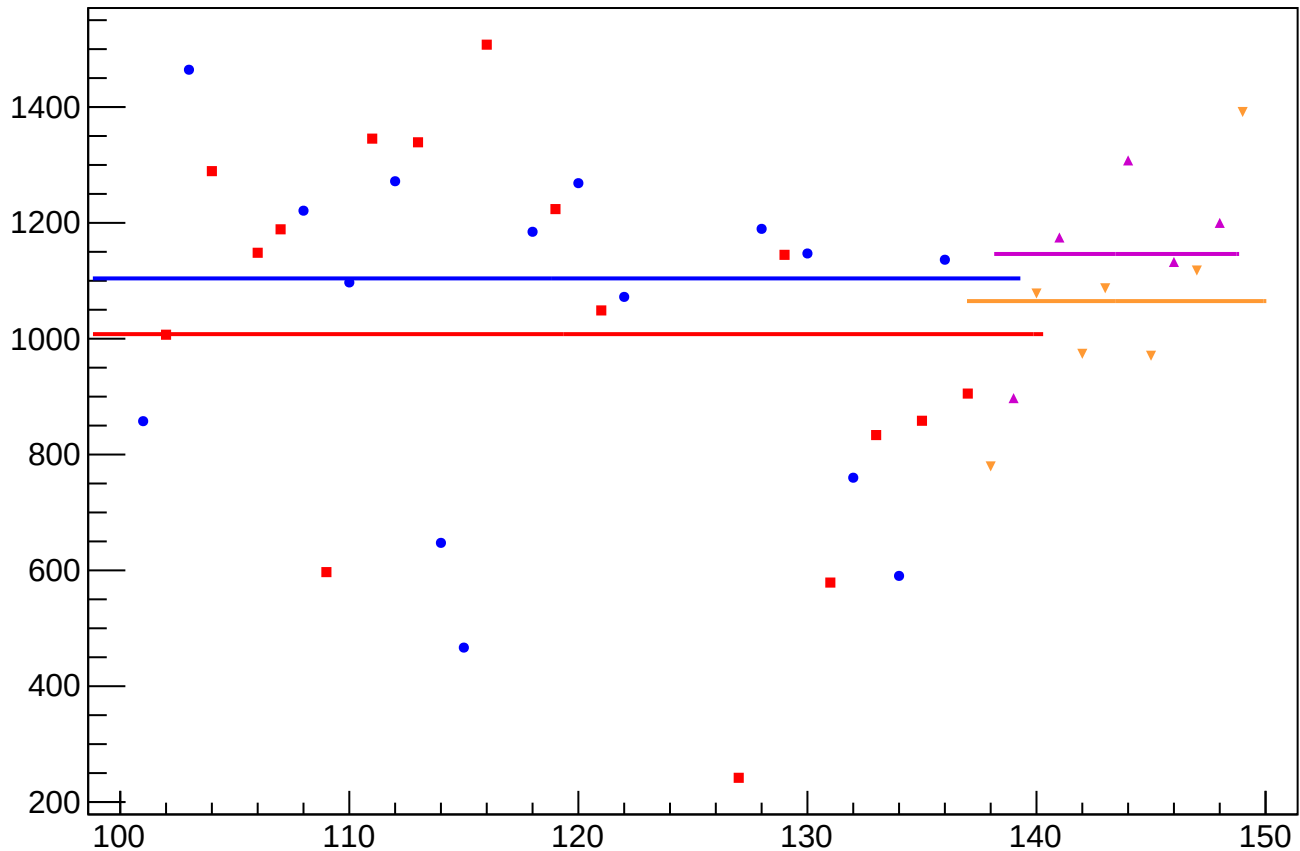
Left In: 523.950+/-0.000 χ^2/NDF : 4733142109630558274685853230436450304.0/4

All: 512.222+/-0.000 χ^2/NDF : 166728092062

+ sign 510.399+/-0.000 χ^2/NDF : 852313320786887

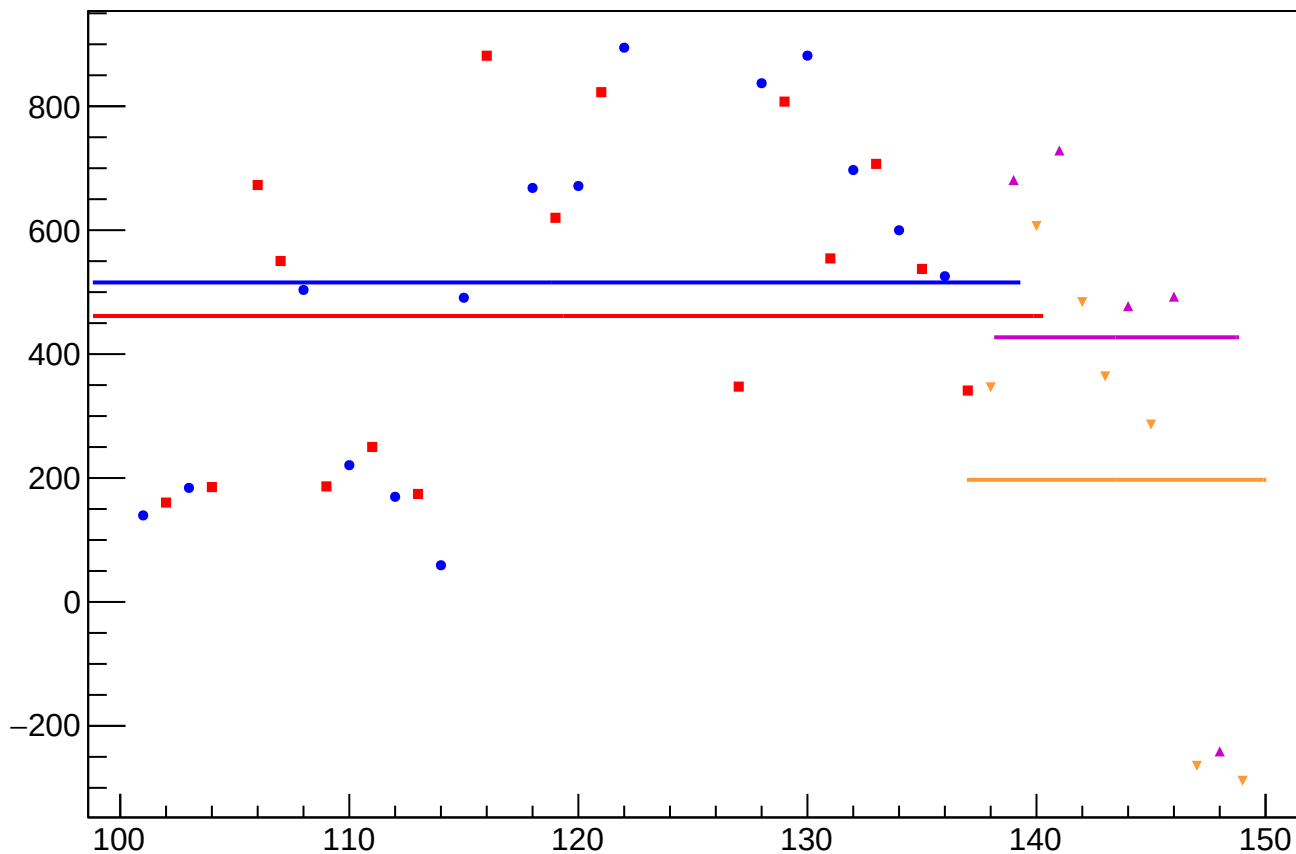
- sign 514.173+/-0.000 χ^2/NDF : 814887440126566

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1064.948 ± 0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6
 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_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 197.133+/-0.000 χ^2/NDF : 58227887535086160534668600200430354432.0/6

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

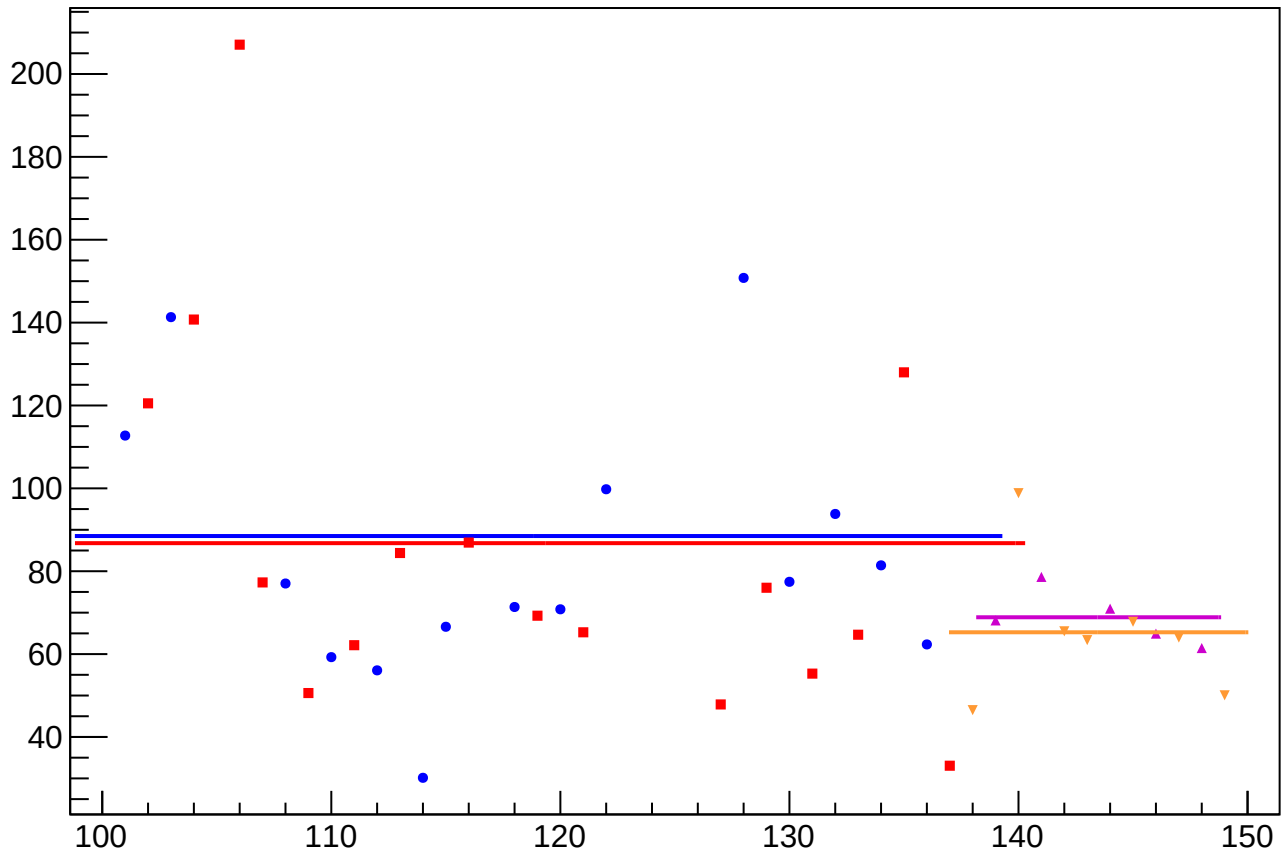
Left In: 427.119+/-0.000 χ^2/NDF : 51047414730270671661997213441325006848.0/4

+ sign 374.565+/-0.000 χ^2/NDF : 135853717814745

All: 410.129+/-0.000 χ^2/NDF : 230730207840

- 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: 65.265+/-0.000 χ^2/NDF : 140297967625494034368701285038817280.0/6

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

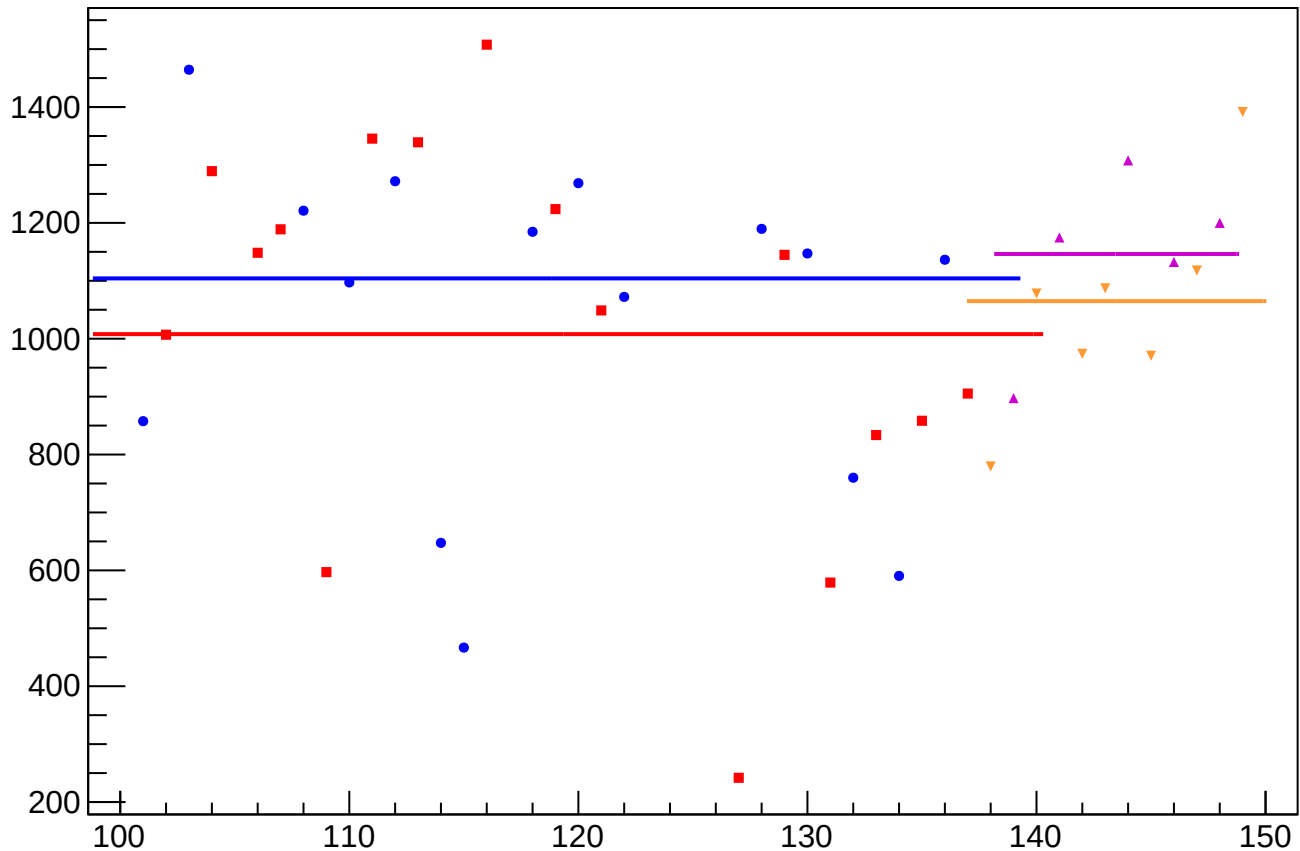
Left In: 68.887+/-0.000 χ^2/NDF : 14422756098006486896993434653949952.0/4

+ sign 78.205+/-0.000 χ^2/NDF : 9386255578156819

All: 78.996+/-0.000 χ^2/NDF : 2096457174698

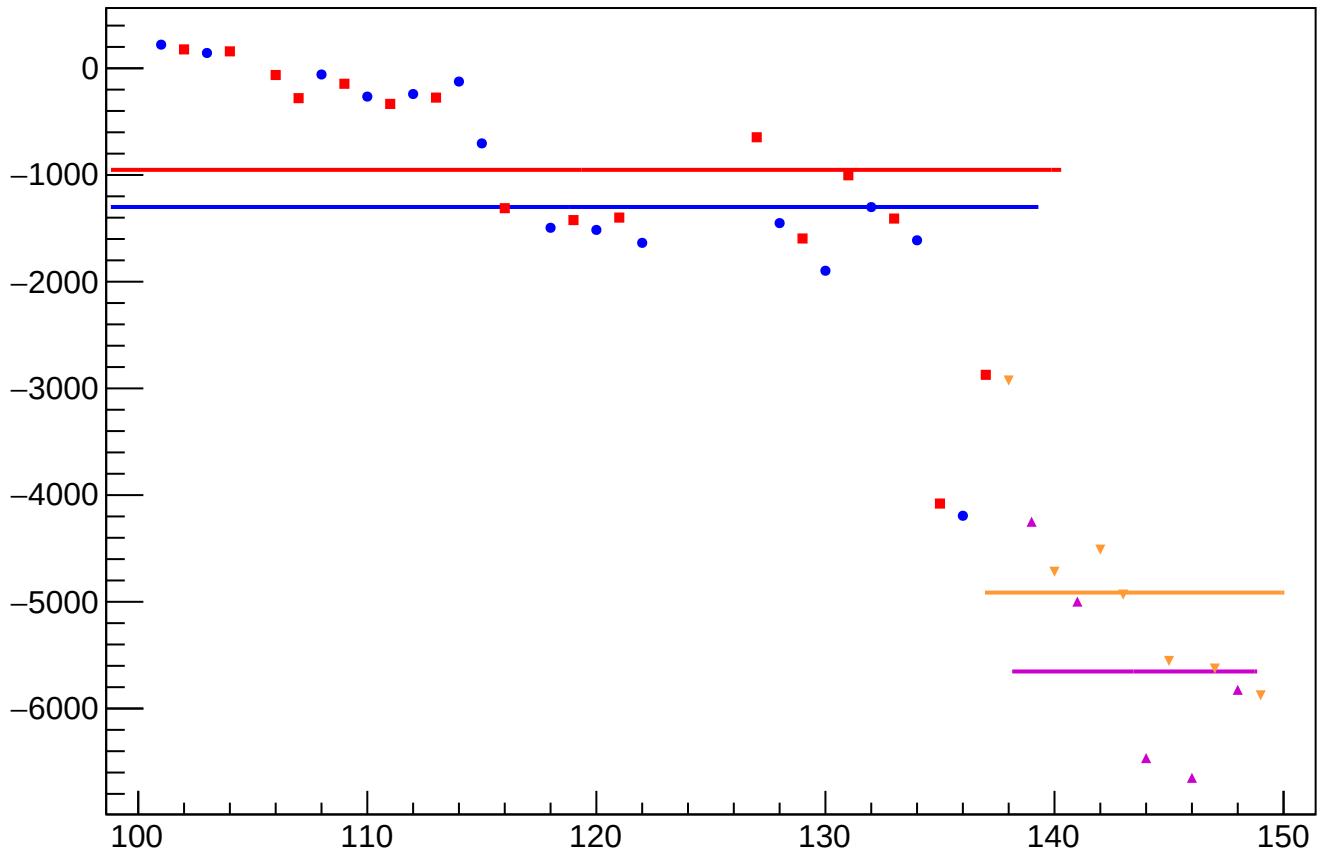
- sign 79.842+/-0.000 χ^2/NDF : 1156322598664028

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6
 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_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -4913.528+/-0.000

+ sign -2900.445+/-0.000 χ^2/NDF : 5422651203937
 χ^2/NDF : 469345863950421172527416614792860794880.0/6

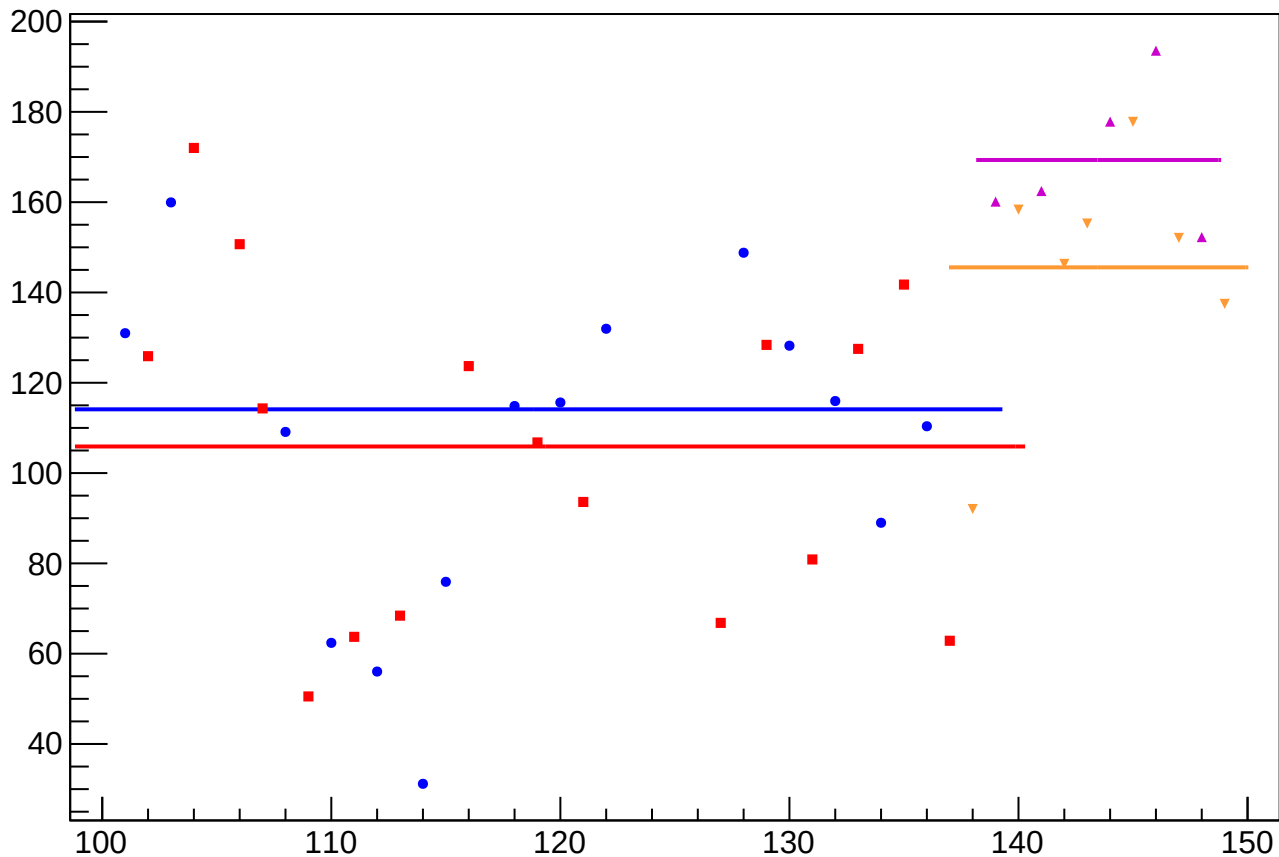
Right Out: -951.903+/-0.000

All: -2839.152+/-0.000 χ^2/NDF : 1232442679
 χ^2/NDF : 841314696863657044174468284217089327104.0/15

Left In: -5652.871+/-0.000

- sign -2773.582+/-0.000 χ^2/NDF : 68927168683206
 χ^2/NDF : 339445456953277423341573845084209676288.0/4

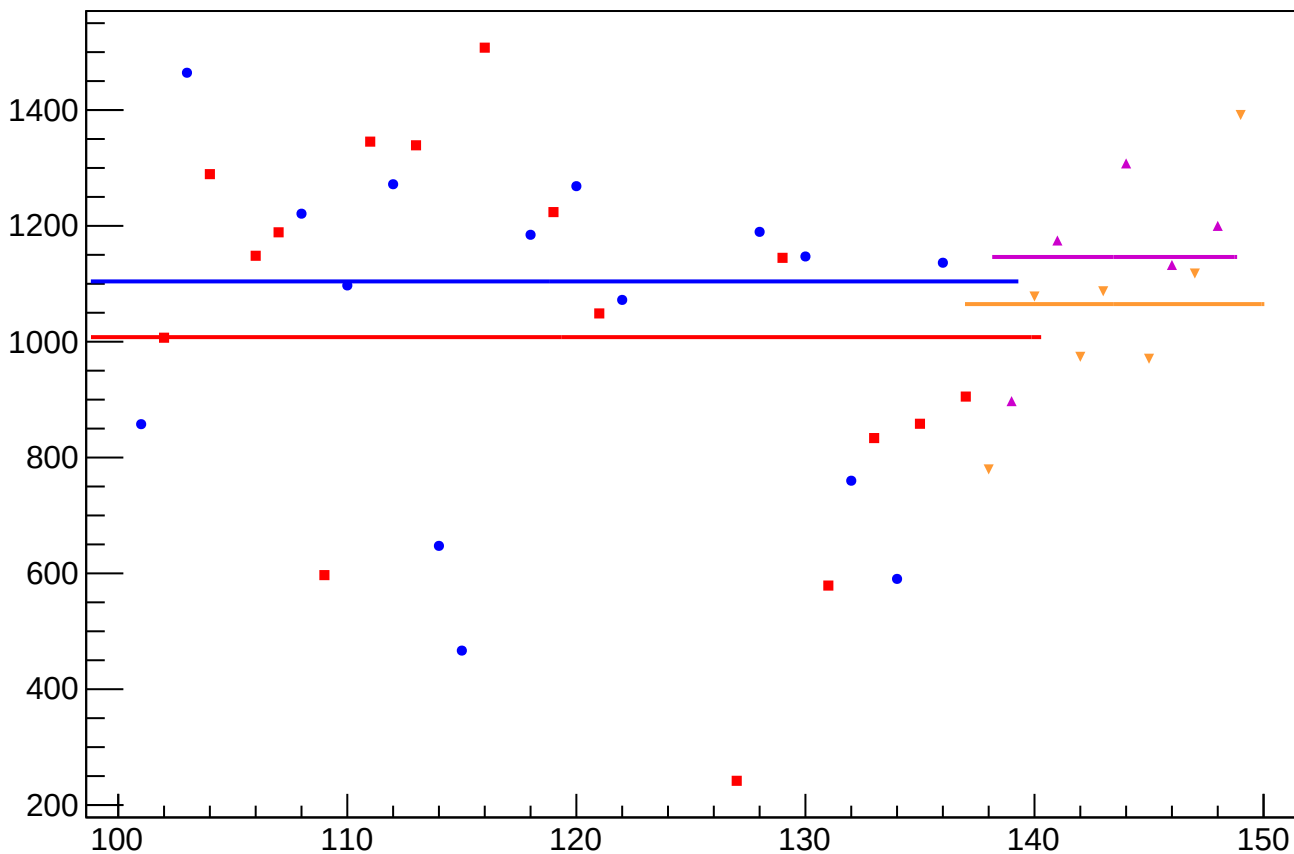
dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000	χ^2/NDF : 607226770891525118881736460452495360.0/14
Left Out: 145.560+/-0.000	χ^2/NDF : 336104868323283303787326196131299328.0/6
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 128.044+/-0.000 χ^2/NDF : 122751555134087
 All: 129.220+/-0.000 χ^2/NDF : 32138696540
 - 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

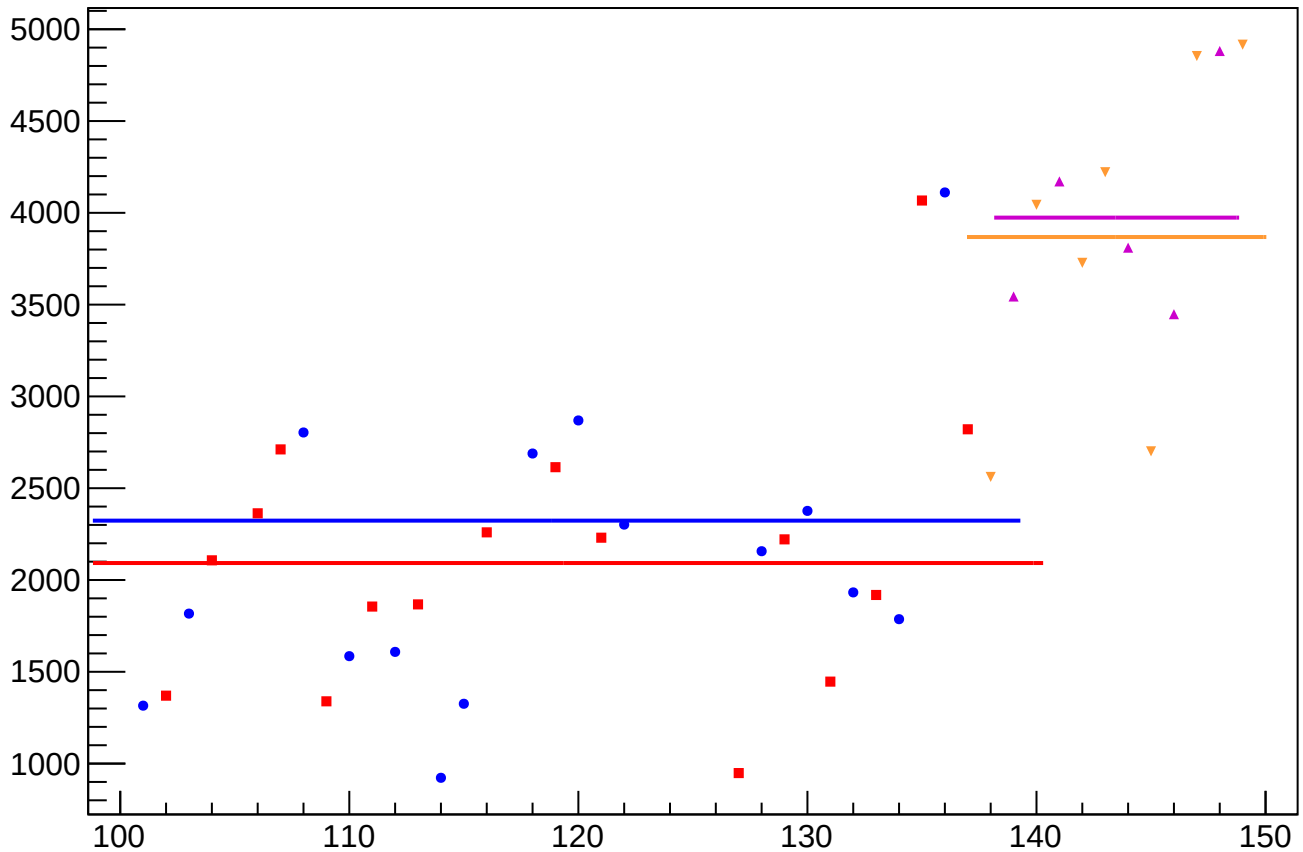
Left Out: 1064.948 ± 0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6

Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1146.318 ± 0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

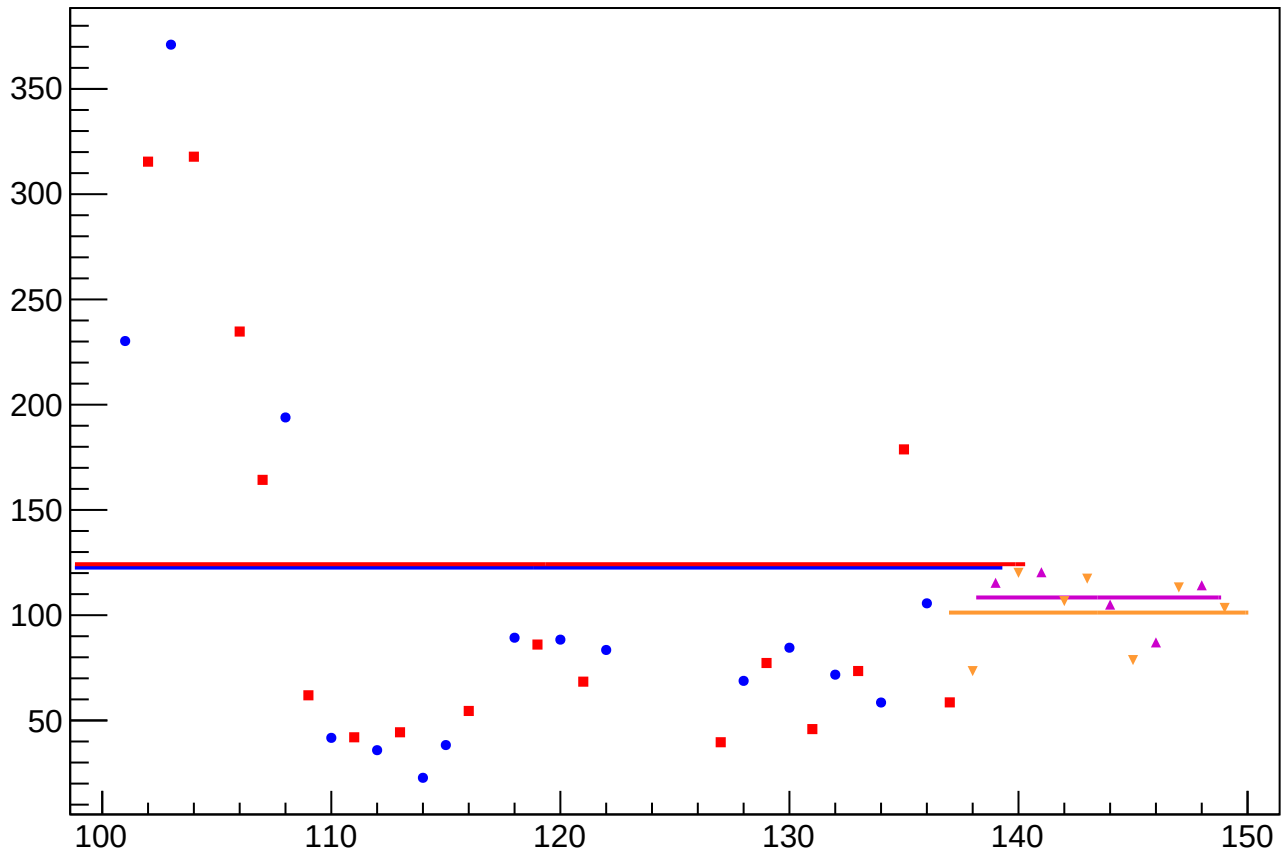
All: 1074.579 ± 0.000 χ^2/NDF : 13191054042.0/4

dit_sam7_coil3_mean vs Slug



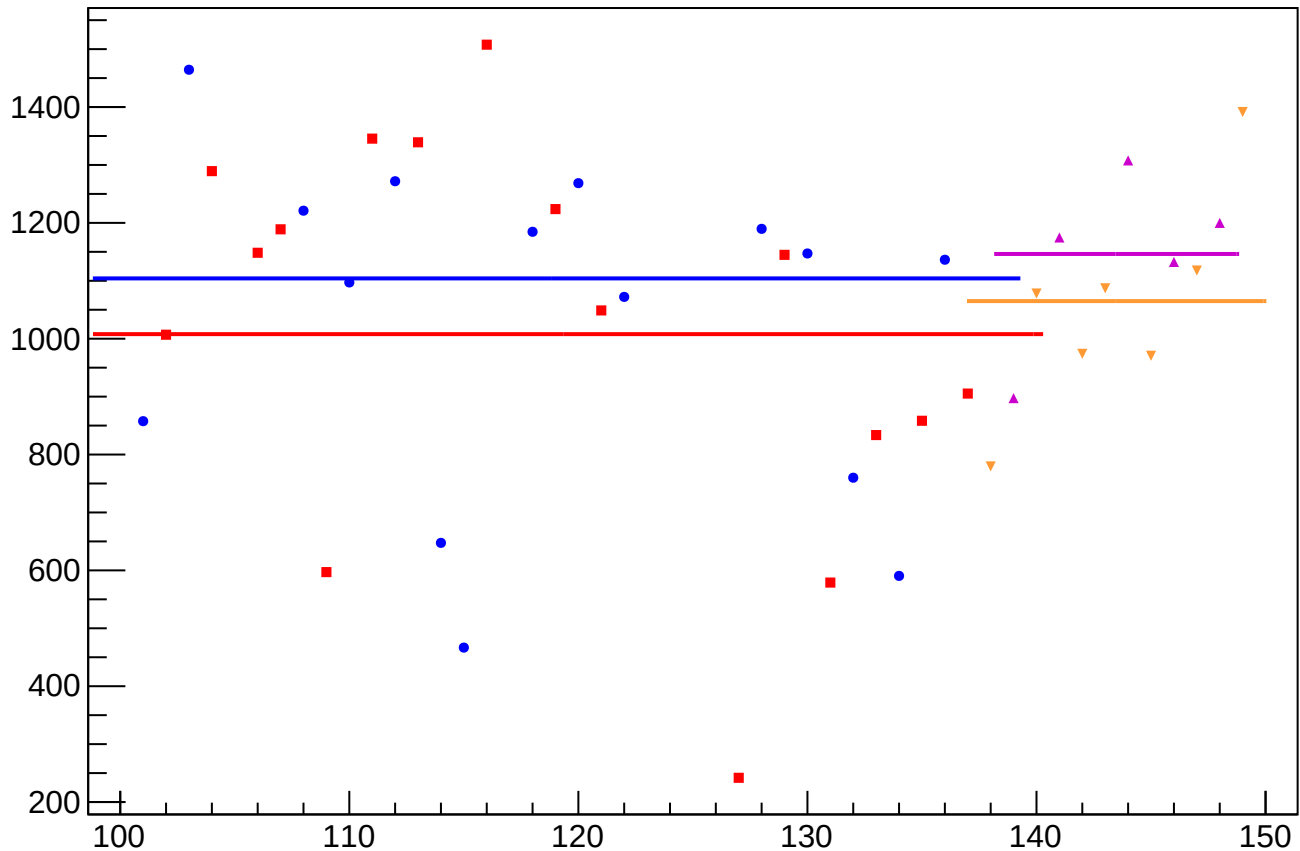
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3007.612+/-0.000	χ^2/NDF : 15857830453362
Left Out: 3868.215+/-0.000	χ^2/NDF : 423390963722107454654894602441214394368.0/6	All: 2917.711+/-0.000	χ^2/NDF : 30001323218
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- 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



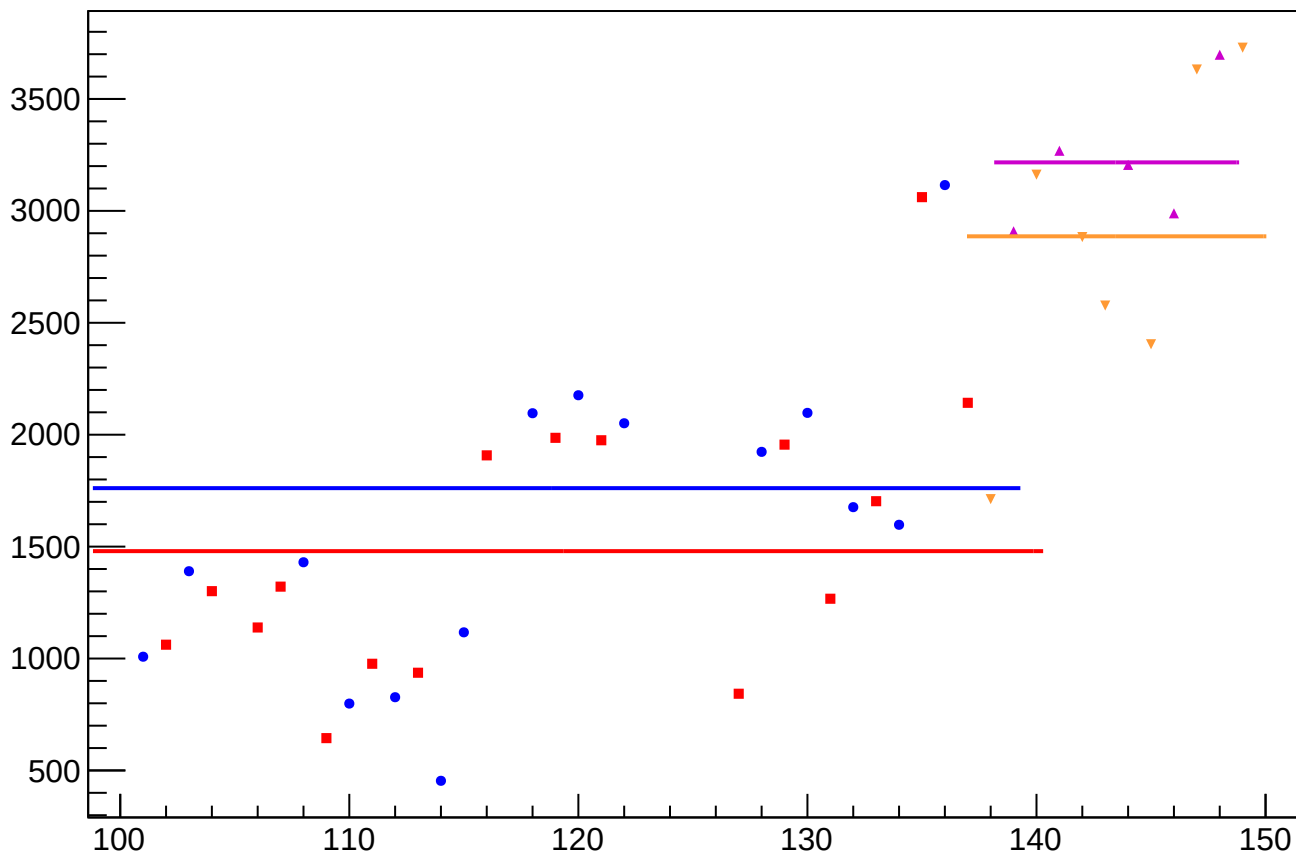
Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left Out: 101.239+/-0.000 χ^2/NDF : 161104060856217989681079197334765568.0/6
 Right Out: 124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Left In: 108.417+/-0.000 χ^2/NDF : 57799650801540603491587188672430080.0/4
 + sign 113.151+/-0.000 χ^2/NDF : 623004848398156
 All: 115.539+/-0.000 χ^2/NDF : 129157467320
 - sign 118.094+/-0.000 χ^2/NDF : 667194482839299

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1064.948+/-0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6
 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_sam8_coil3_mean vs Slug



Right In: 1761.245 $\pm$ 0.000 χ^2 /NDF: 332206925976055306953064744993096204288.0/14

Left Out: 2886.323 $\pm$ 0.000 χ^2 /NDF: 242024127101778125302725729326714585088.0/6

Right Out: 1479.801 $\pm$ 0.000 χ^2 /NDF: 263467768134780968832551238609236131840.0/15

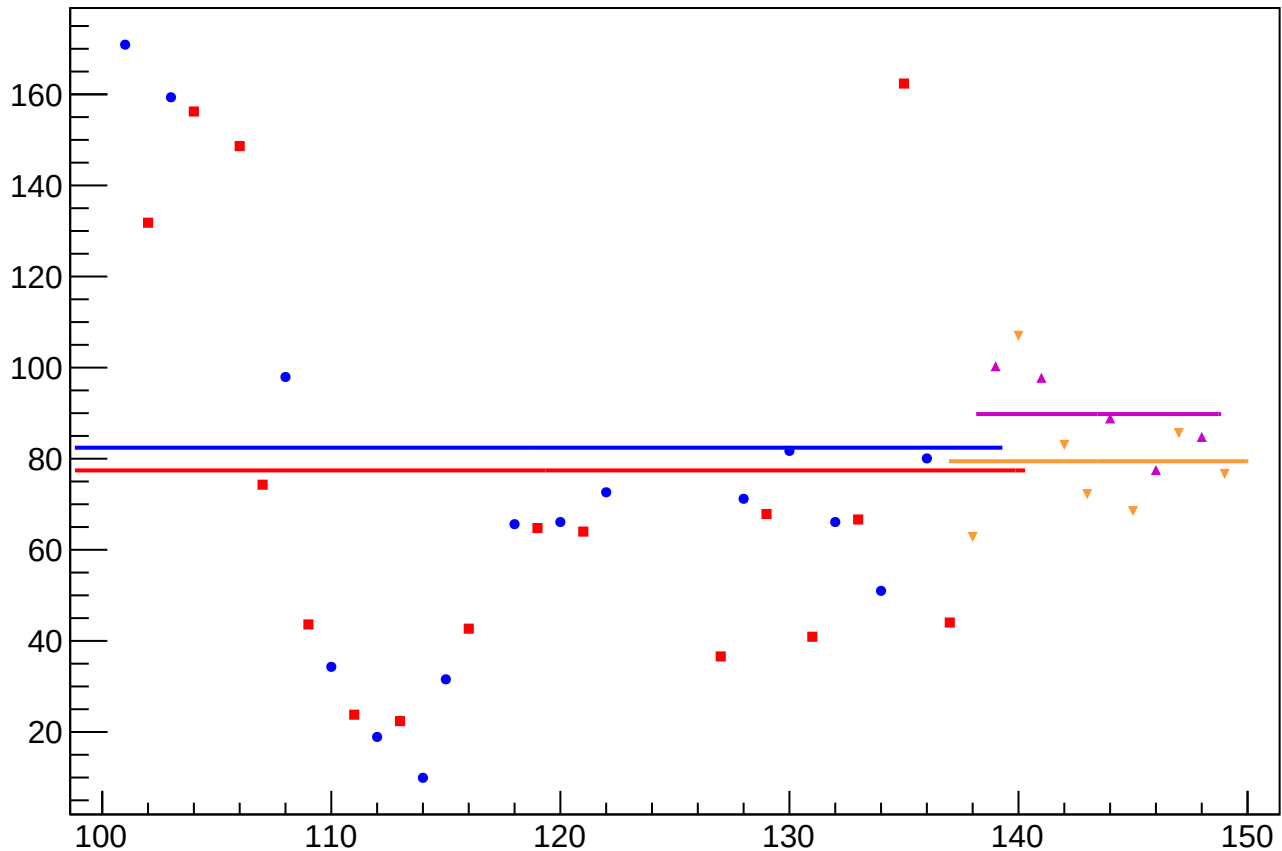
Left In: 3216.673 $\pm$ 0.000 χ^2 /NDF: 31645939565944419914335034045758439424.0/4

+ sign 2259.563 $\pm$ 0.000 χ^2 /NDF: 93809071973076

All: 2208.010 $\pm$ 0.000 χ^2 /NDF: 20193469155

- sign 2152.859 $\pm$ 0.000 χ^2 /NDF: 10748476208291

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 79.449+/-0.000 χ^2/NDF : 101169166336183765880654639912714240.0/6

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

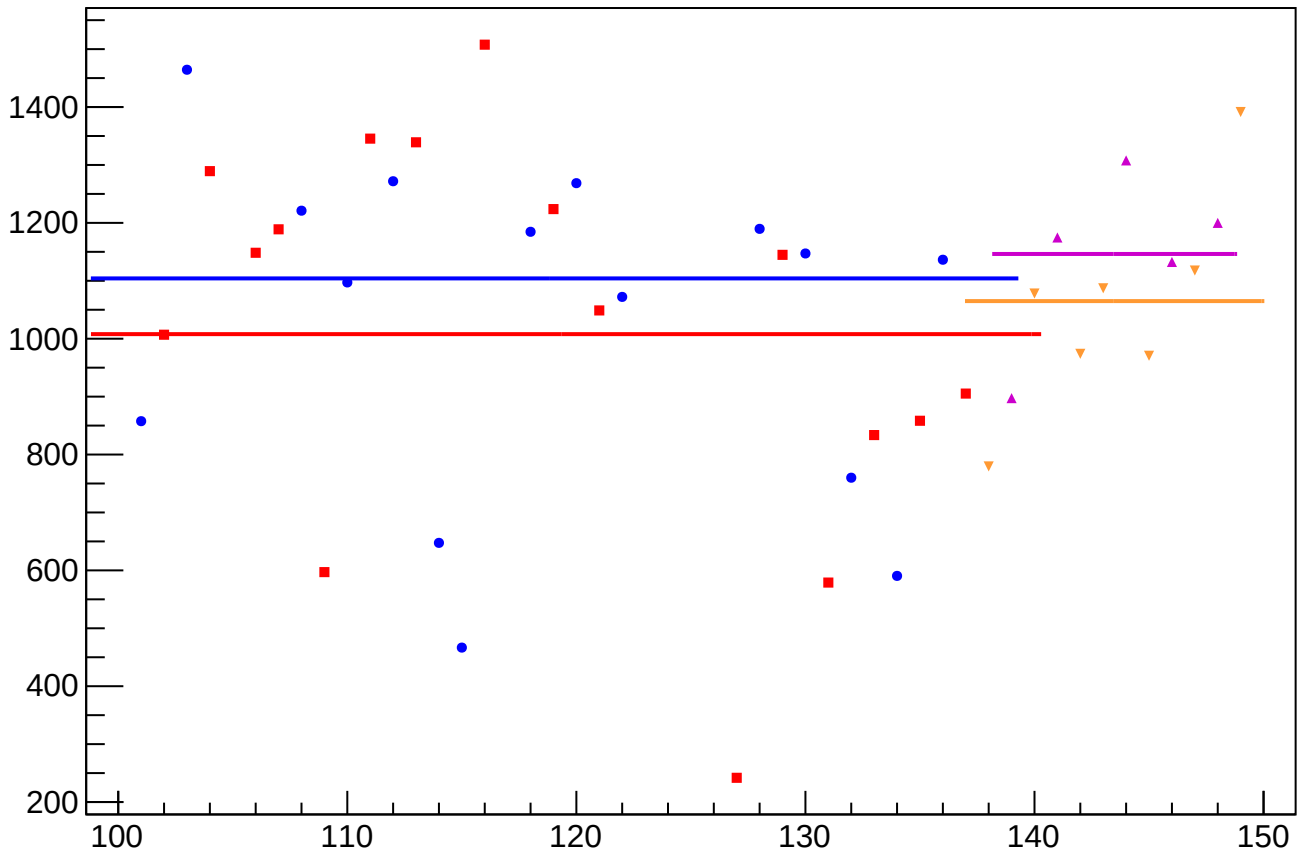
Left In: 89.805+/-0.000 χ^2/NDF : 29036905333701945130057394619940864.0/4

+ sign 81.105+/-0.000 χ^2/NDF : 1367343741333266

All: 81.646+/-0.000 χ^2/NDF : 2952127662029

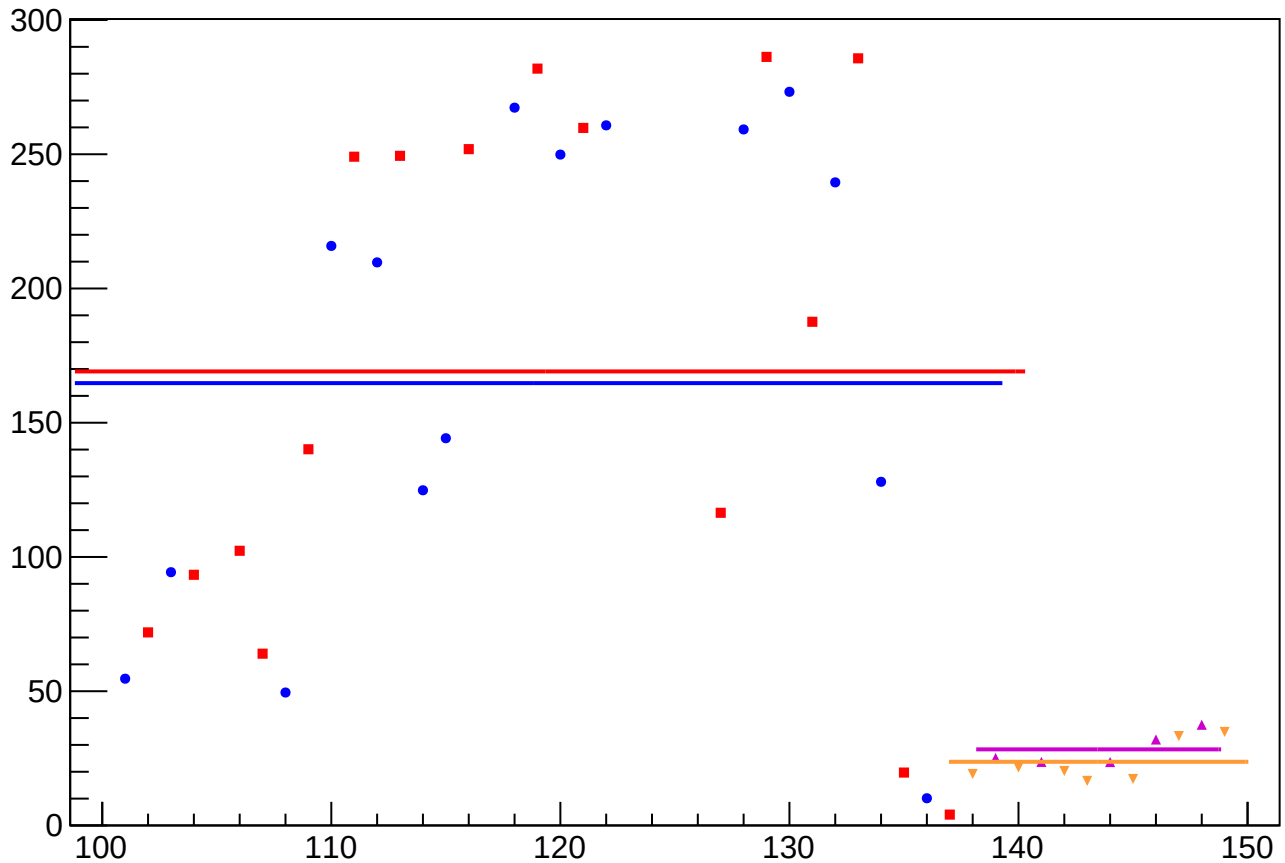
- sign 82.226+/-0.000 χ^2/NDF : 1584077350160023

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1064.948 ± 0.000 χ^2/NDF : 16676265235806224307519407597943783424.0/6
 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_4aX_coil7_mean vs Slug



Right In: 164.752 $\pm$ 0.000 χ^2 /NDF: 6369828943181833917425699916554960896.0/14

Left Out: 23.712 $\pm$ 0.000 χ^2 /NDF: 26766730252003169551638784846594048.0/6

Right Out: 169.108 $\pm$ 0.000 χ^2 /NDF: 6040721802042936822766910687819071488.0/15

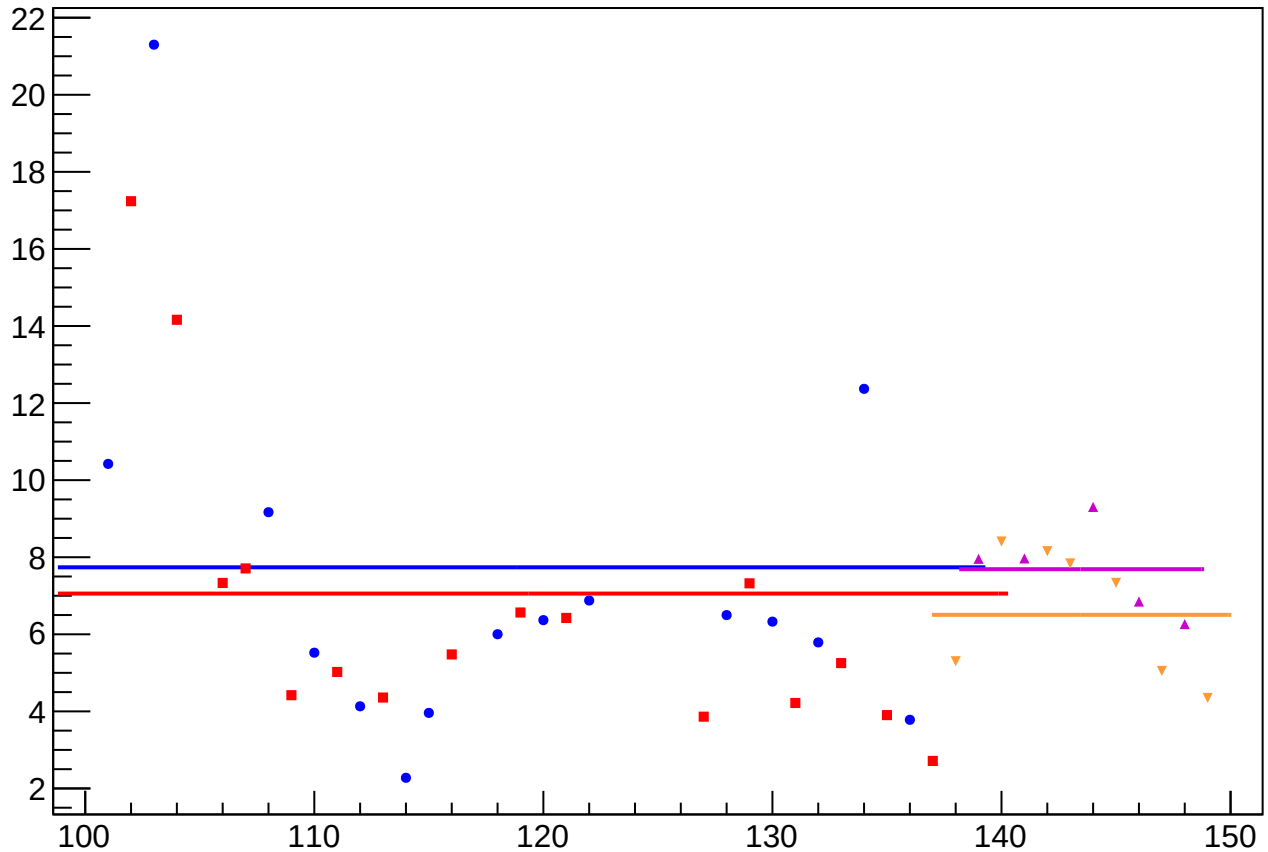
Left In: 28.339 $\pm$ 0.000 χ^2 /NDF: 12845493589064993042178333745348608.0/4

+ sign 102.283 $\pm$ 0.000 χ^2 /NDF: 121146905676667

All: 108.213 $\pm$ 0.000 χ^2 /NDF: 233748534680

- sign 114.558 $\pm$ 0.000 χ^2 /NDF: 111753468401963

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14

Left Out: 6.505 $\pm$ 0.000 χ^2 /NDF: 1266219143019332610356546113634304.0/6

Right Out: 7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15

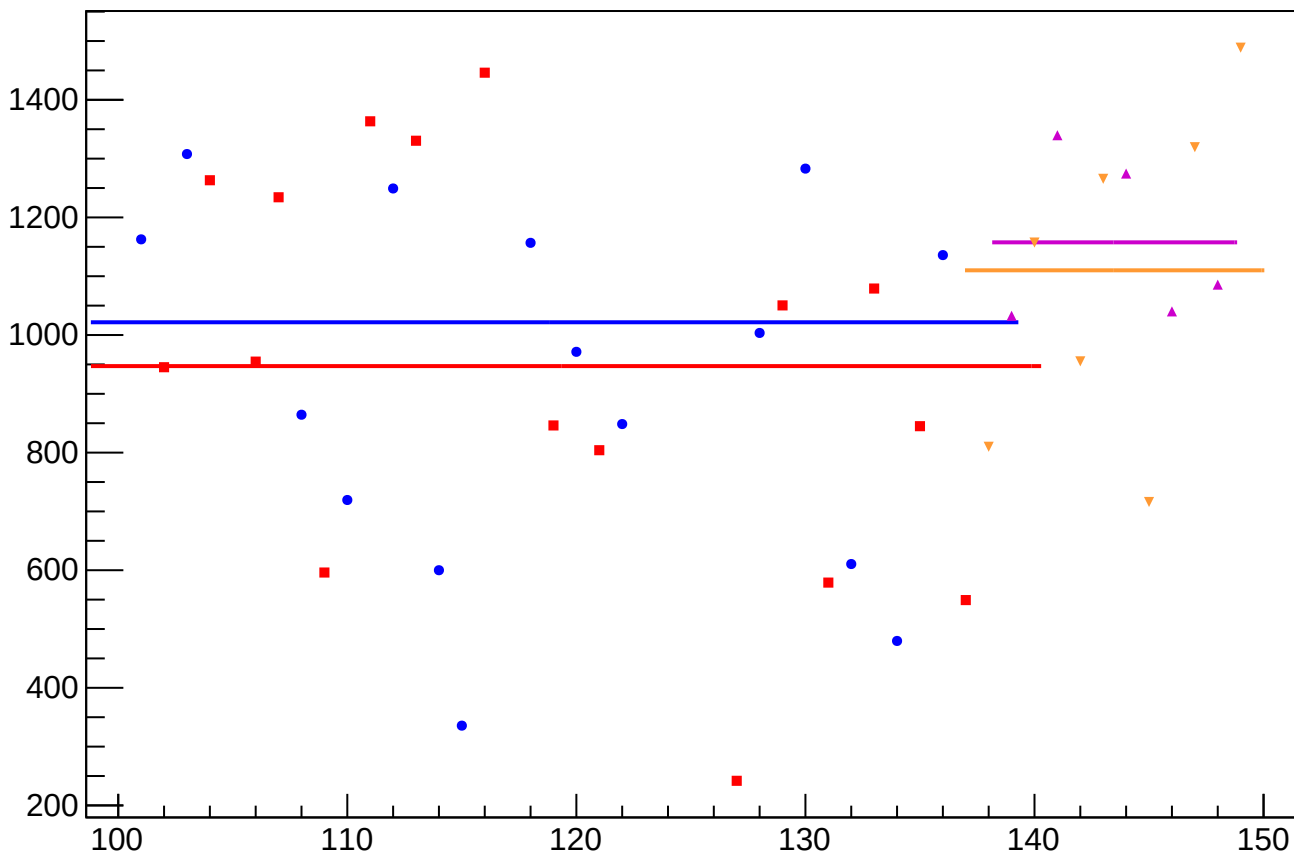
Left In: 7.689 $\pm$ 0.000 χ^2 /NDF: 473858677135349616702189901709312.0/4

+ sign 7.192 $\pm$ 0.000 χ^2 /NDF: 16830647156315610

All: 7.245 $\pm$ 0.000 χ^2 /NDF: 2870711648854

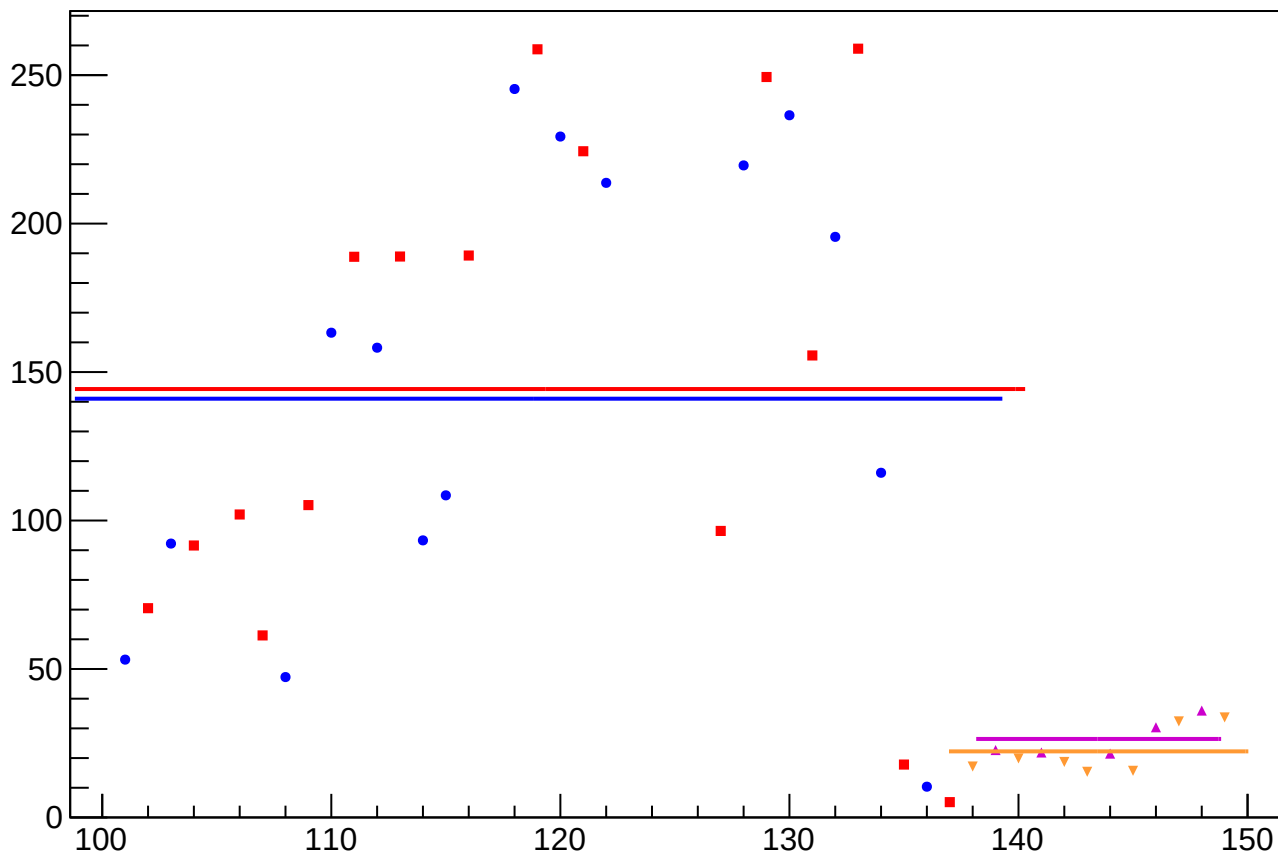
- sign 7.302 $\pm$ 0.000 χ^2 /NDF: 11869673750665923

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6
 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_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

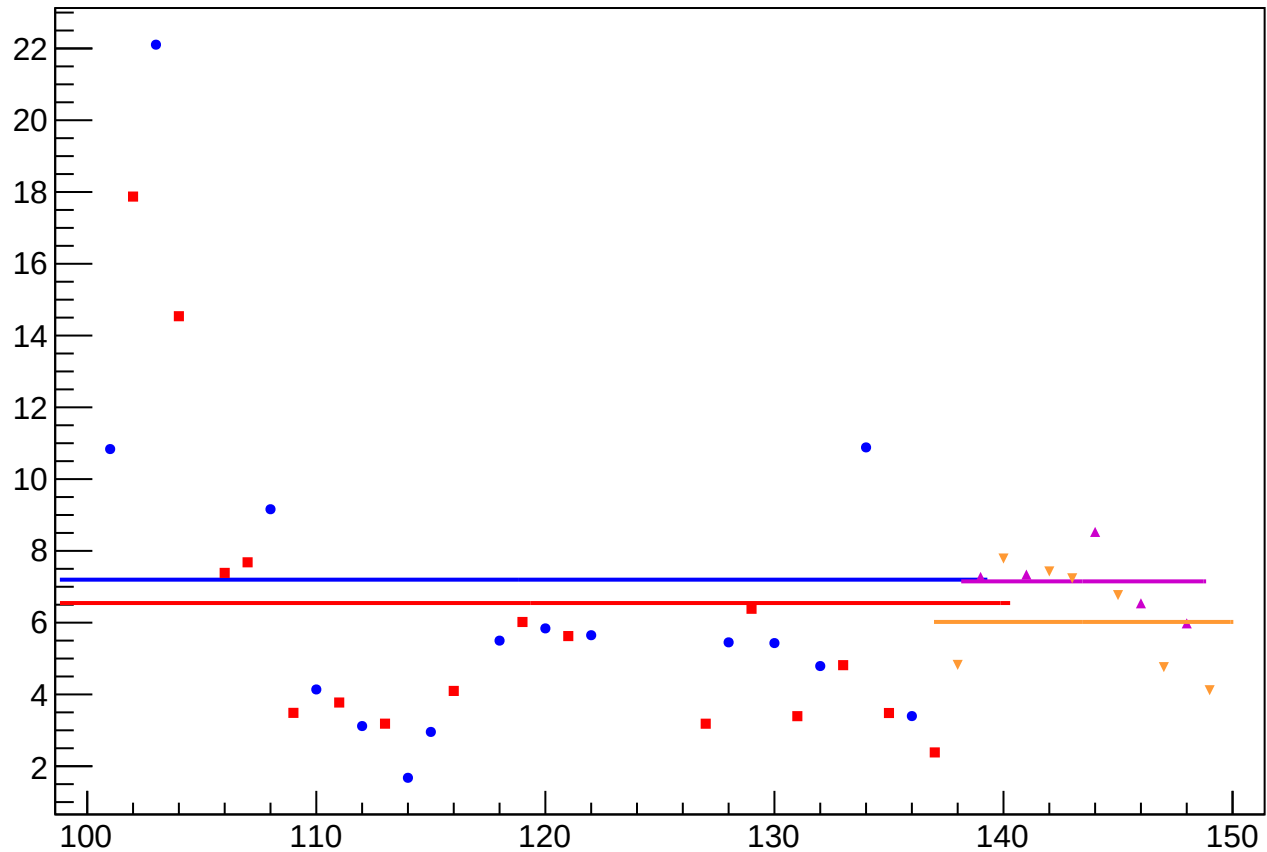
Left Out: 22.254+/-0.000 χ^2/NDF : 28651893853354666118013852277800960.0/6

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 26.439+/-0.000 χ^2/NDF : 14024225498136385708268444828303360.0/4

All: 93.348+/-0.000 χ^2/NDF : 1652235226329

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 6.020+/-0.000 χ^2/NDF : 1031279484518419936180857278038016.0/6

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

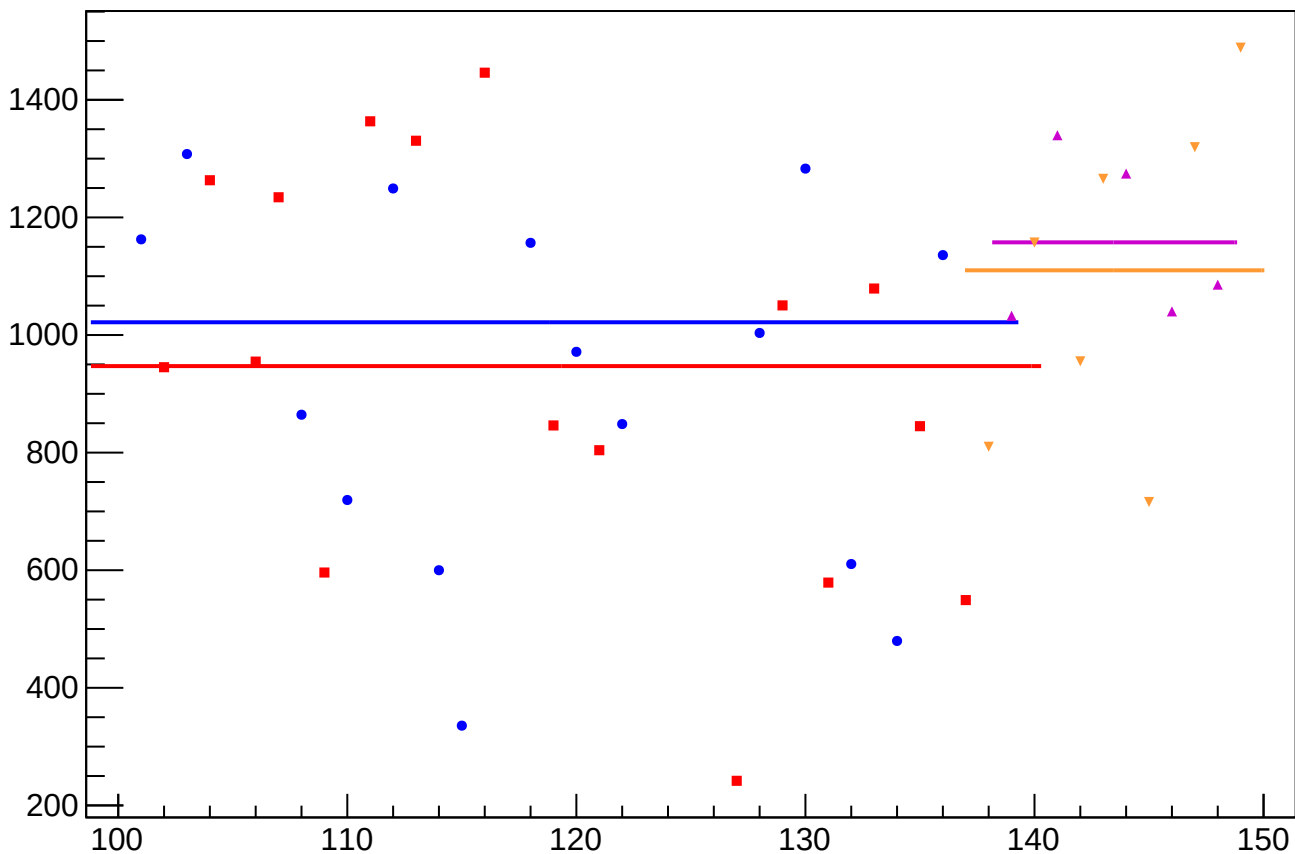
Left In: 7.150+/-0.000 χ^2/NDF : 31937856559816169754702624325632.0/4

+ sign 6.676+/-0.000 χ^2/NDF : 19642591830982943

All: 6.727+/-0.000 χ^2/NDF : 34141204909957

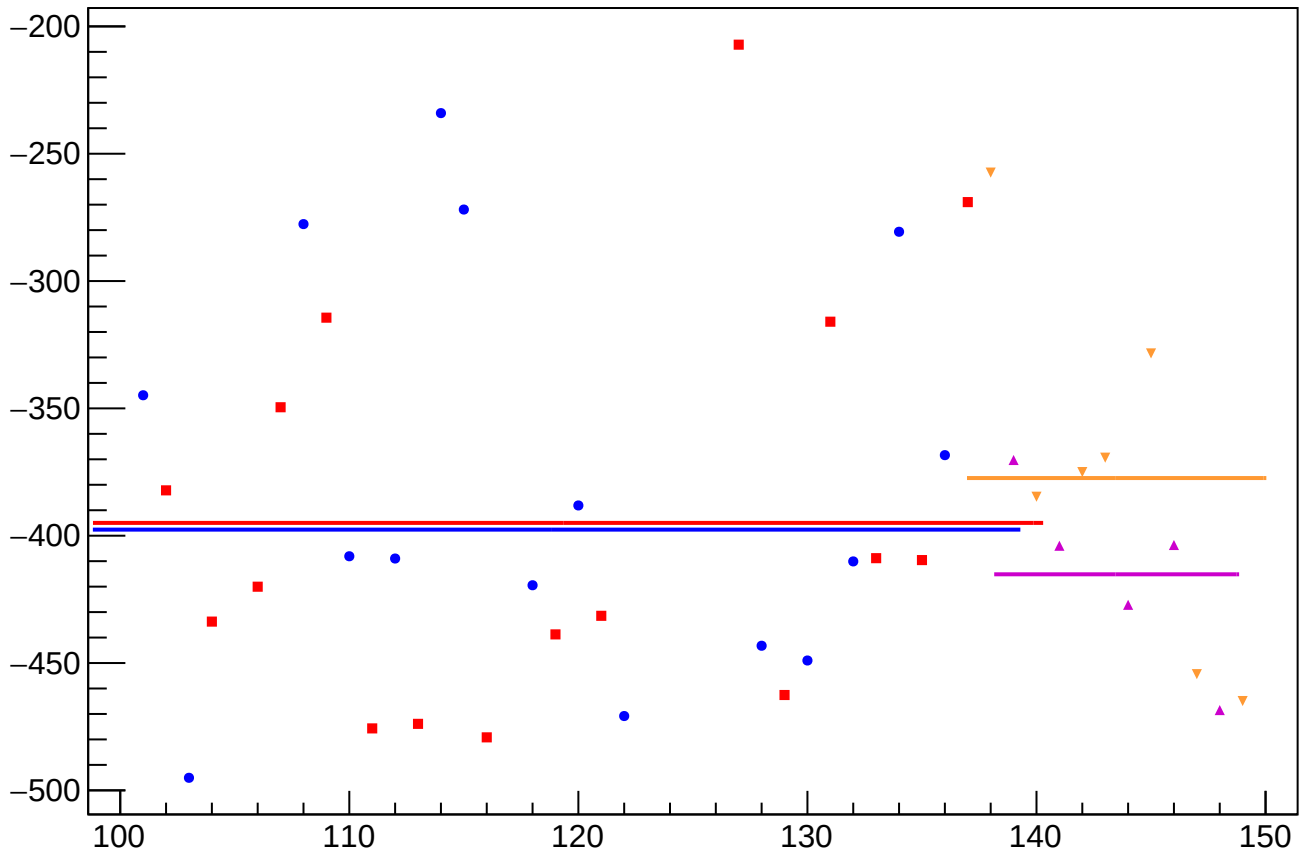
- sign 6.781+/-0.000 χ^2/NDF : 14492485604940465

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1110.045 +/- 0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6
 Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614 +/- 0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4
 All: 1045.304 +/- 0.000 χ^2/NDF : 16740287065
 + sign 1060.821 +/- 0.000 χ^2/NDF : 80706936661902
 - 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: -377.359 ± 0.000 χ^2/NDF : 2432051457965350537430515404364578816.0/6

Right Out: -394.973 ± 0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

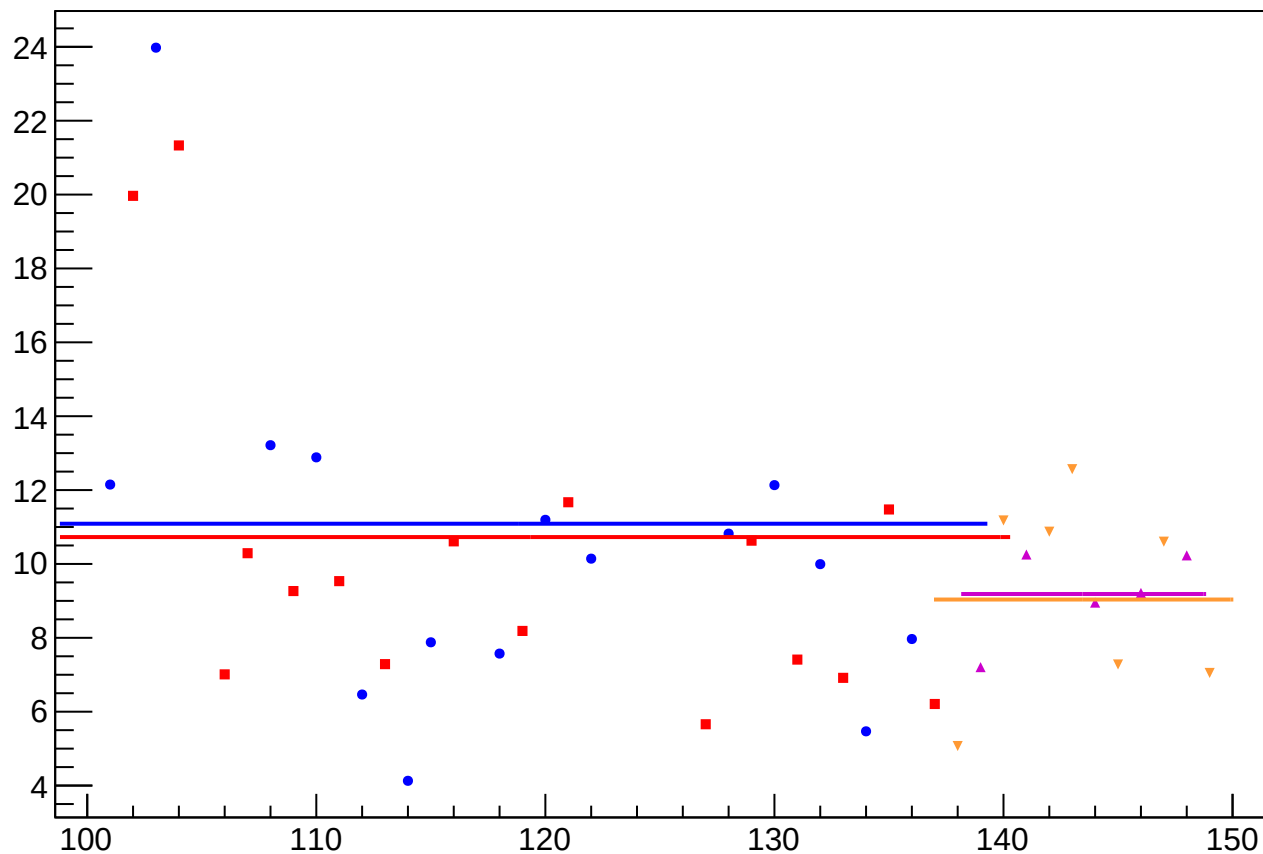
Left In: -415.157 ± 0.000 χ^2/NDF : 436445263281017564199747650857205760.0/4

+ sign -388.642 ± 0.000 χ^2/NDF : 52112529165648

All: -395.480 ± 0.000 χ^2/NDF : 95513226538

- sign -402.794 ± 0.000 χ^2/NDF : 42273391598694

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

+ sign 10.180 $\pm$ 0.000 χ^2 /NDF: 1881295389094728

Left Out: 9.037 $\pm$ 0.000 χ^2 /NDF: 3366292411078262886246887486128128.0/6

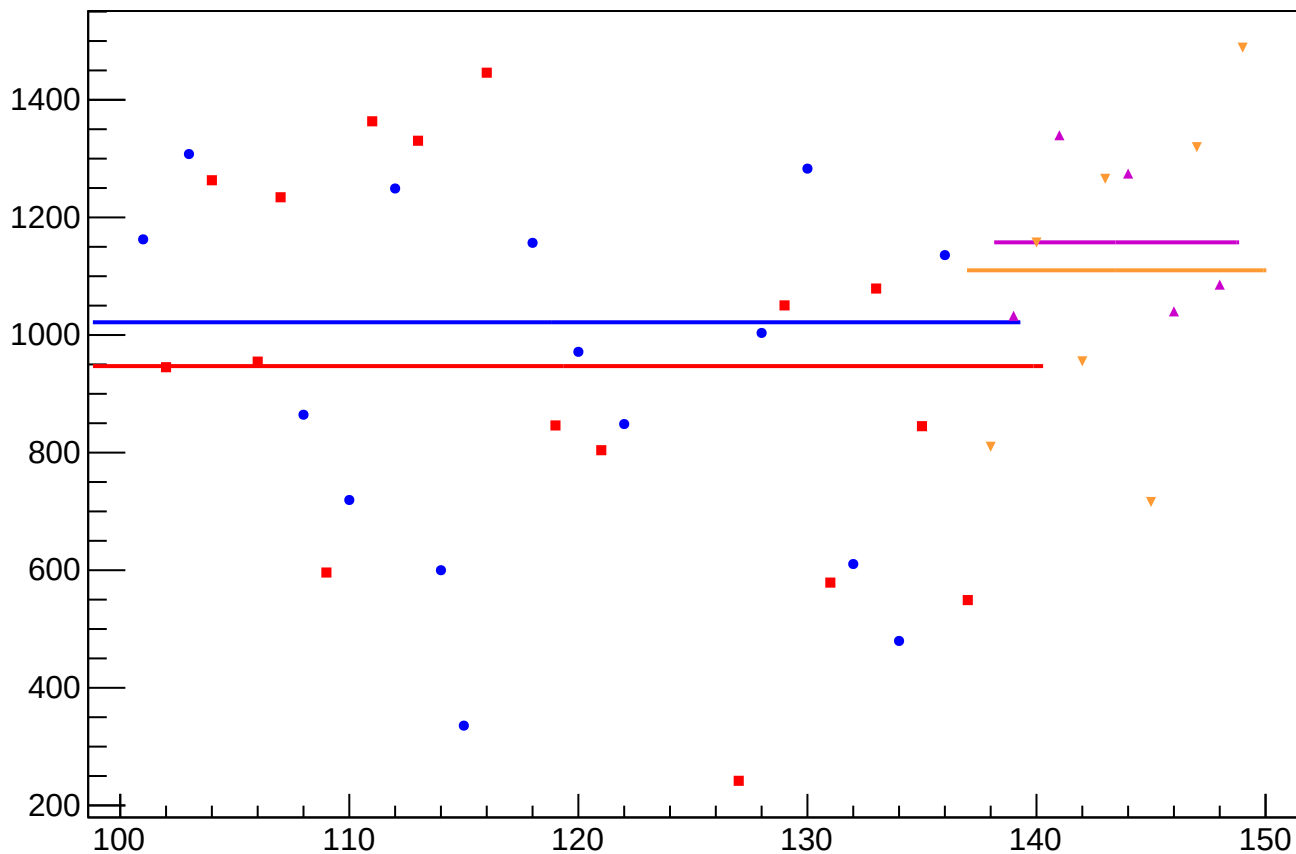
All: 10.156 $\pm$ 0.000 χ^2 /NDF: 3470684403434

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

- sign 10.130 $\pm$ 0.000 χ^2 /NDF: 1589251513048972

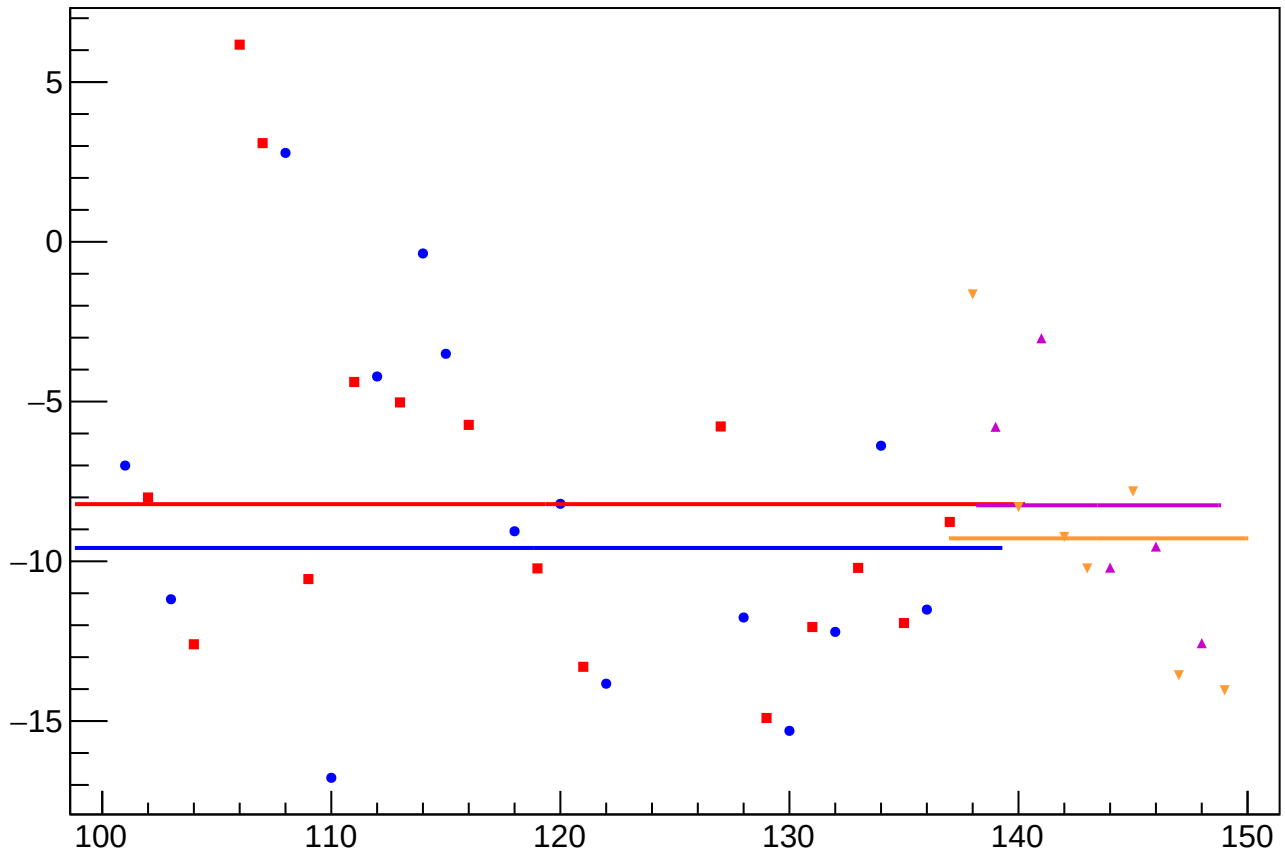
Left In: 9.187 $\pm$ 0.000 χ^2 /NDF: 511425934957977679103463996260352.0/4

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6
 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_4aY_coil7_mean vs Slug



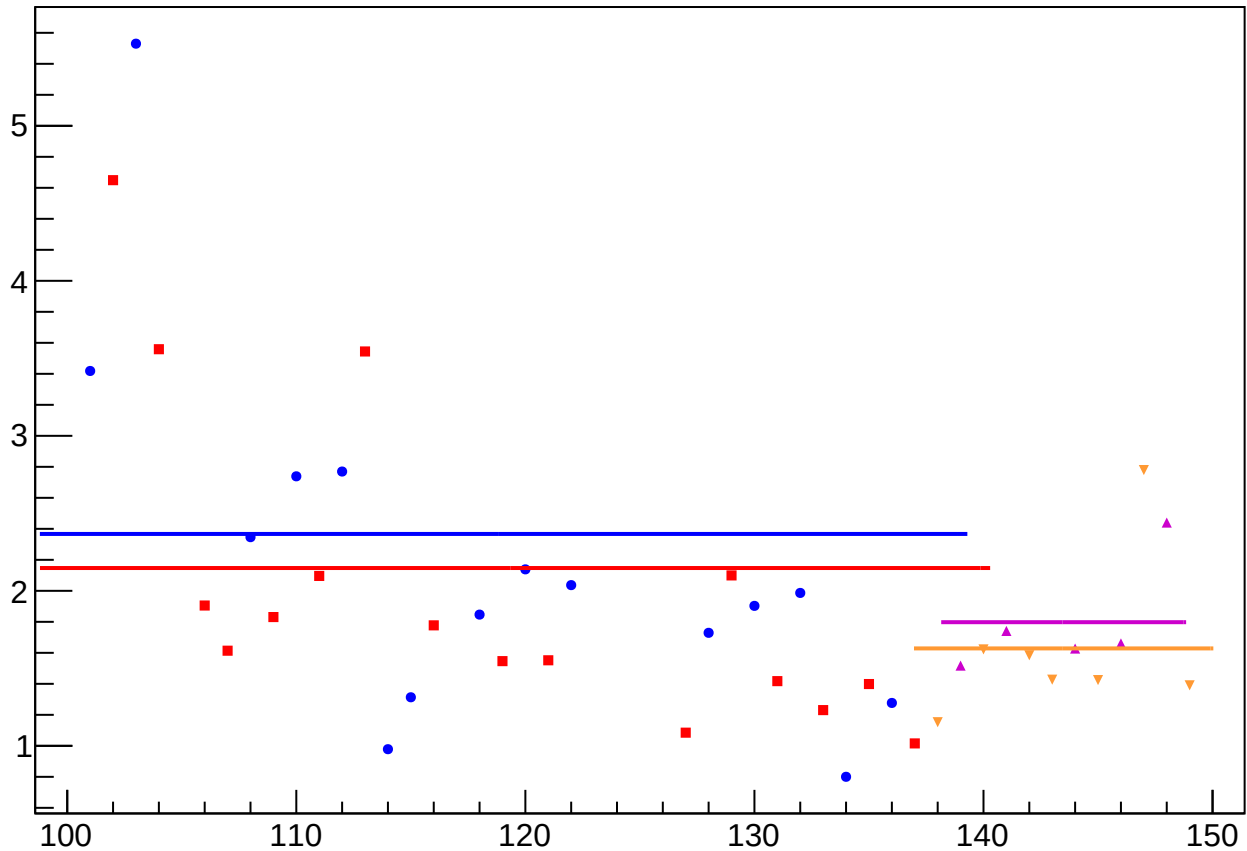
Right In: -9.582+/-0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14

Left Out: -9.281+/-0.000 χ^2/NDF : 8192800924985324207577094208618496.0/6

Right Out: -8.211+/-0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15

Left In: -8.247+/-0.000 χ^2/NDF : 4855815316349573899572468070219776.0/4

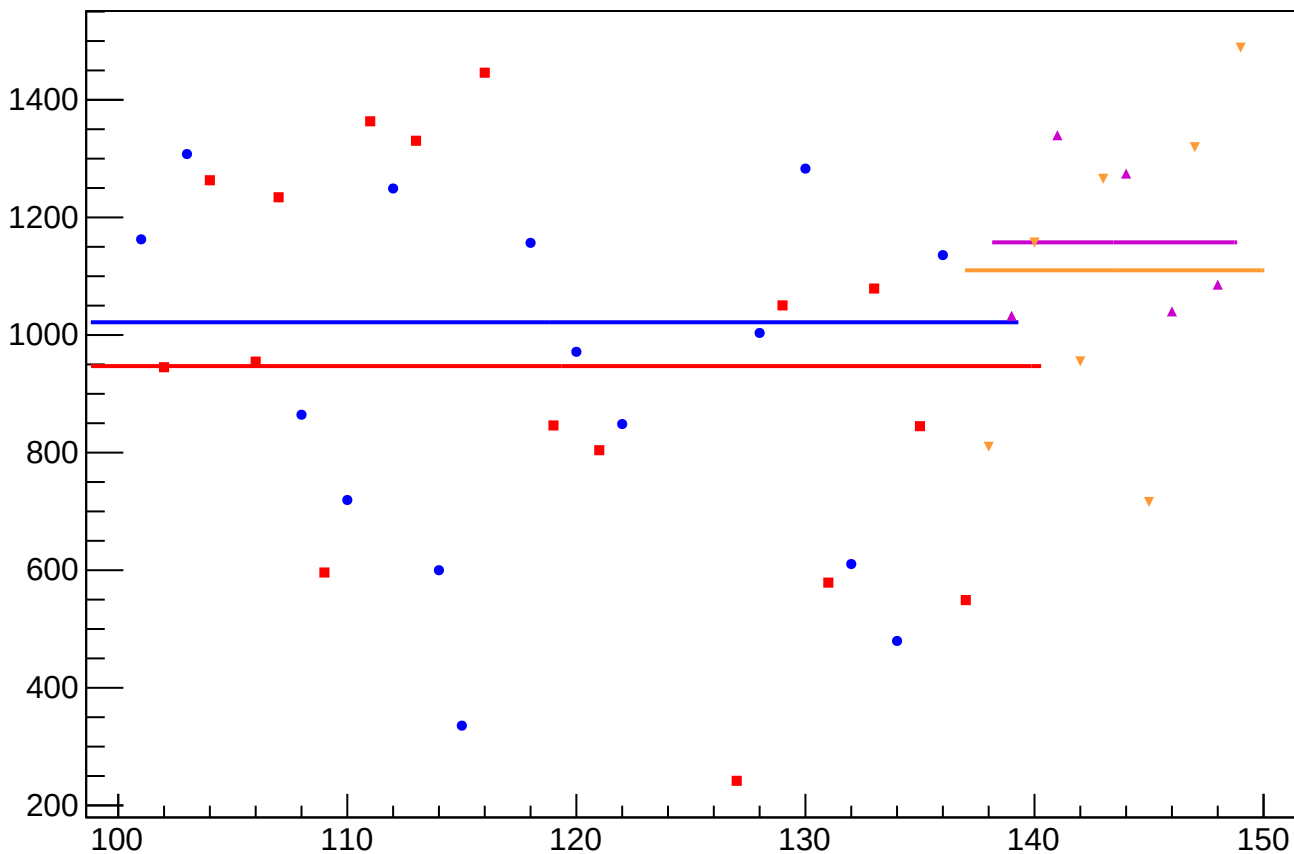
dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000	χ^2/NDF : 920633294546152876922066767446016.0/14
Left Out: 1.628+/-0.000	χ^2/NDF : 1319097786981412656246832999995648.0/6
Right Out: 2.147+/-0.000	χ^2/NDF : 764171992480224478656127555338240.0/15
Left In: 1.798+/-0.000	χ^2/NDF : 45448297362633509618722852044800.0/4

+ sign 2.040+/-0.000 χ^2/NDF : 12093177706540307
 All: 2.026+/-0.000 χ^2/NDF : 20509514915037
 - sign 2.012+/-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

Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

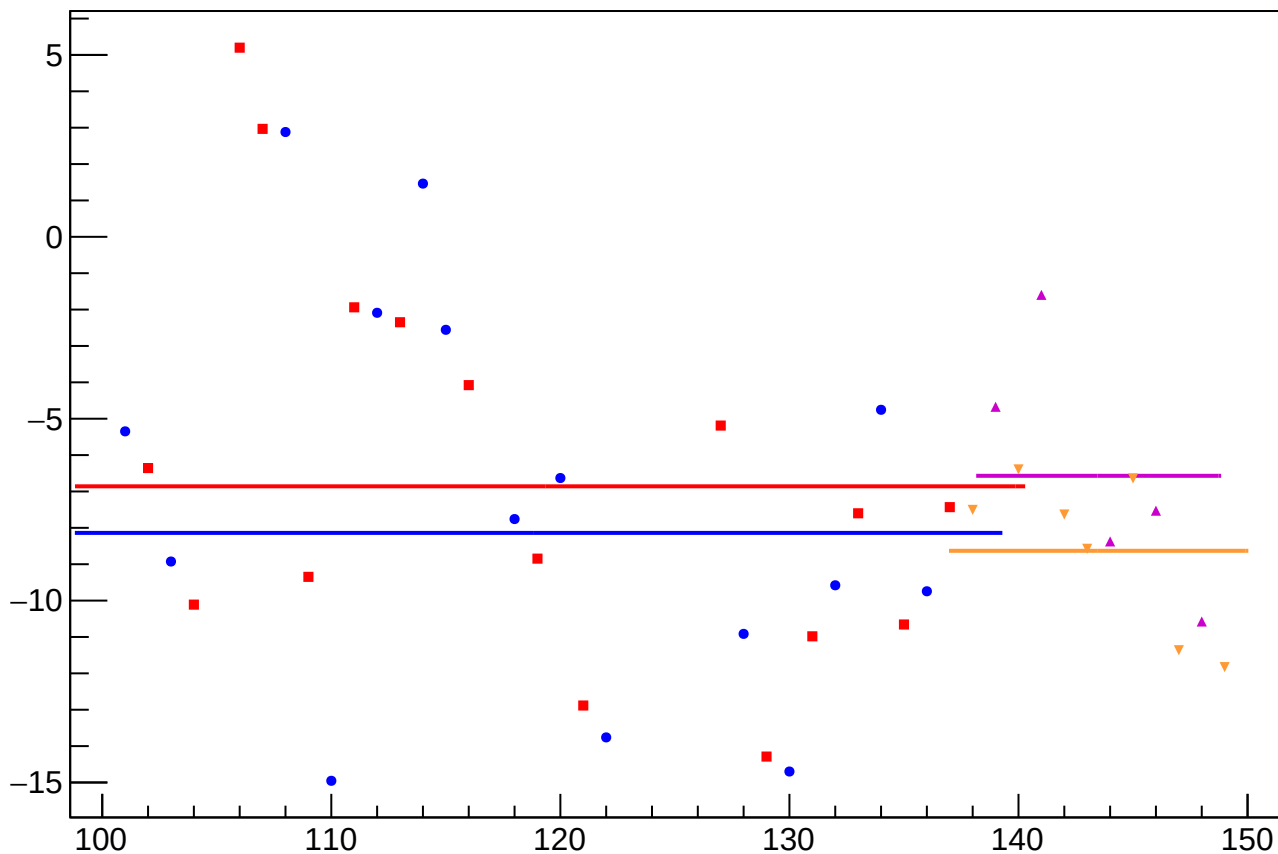
Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1060.821+/-0.000 χ^2/NDF : 80706936661902

All: 1045.304+/-0.000 χ^2/NDF : 16740287065

- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -8.631+/-0.000 χ^2/NDF : 2317380175582933818337264983343104.0/6

Right Out: -6.859+/-0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

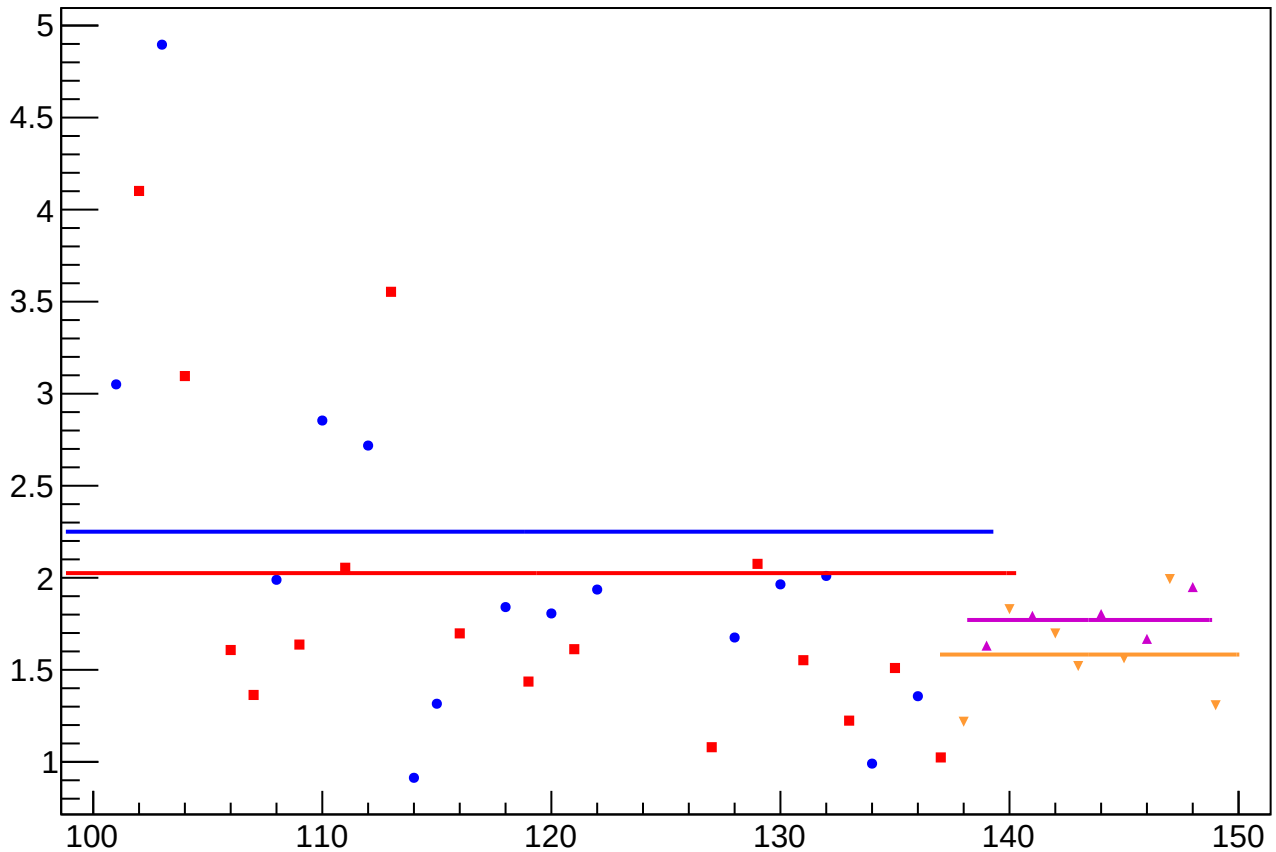
Left In: -6.569+/-0.000 χ^2/NDF : 4108204511945467670250204820406272.0/4

+ sign -8.357+/-0.000 χ^2/NDF : 1706344364670811

All: -7.579+/-0.000 χ^2/NDF : 3913639730044

- sign -6.747+/-0.000 χ^2/NDF : 20613492750544916

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 $\pm$ 0.000 χ^2 /NDF: 656774588136274816295442701090816.0/14

Left Out: 1.583 $\pm$ 0.000 χ^2 /NDF: 35761159215044654328465816813568.0/6

Right Out: 2.025 $\pm$ 0.000 χ^2 /NDF: 578717441762956454616505599918080.0/15

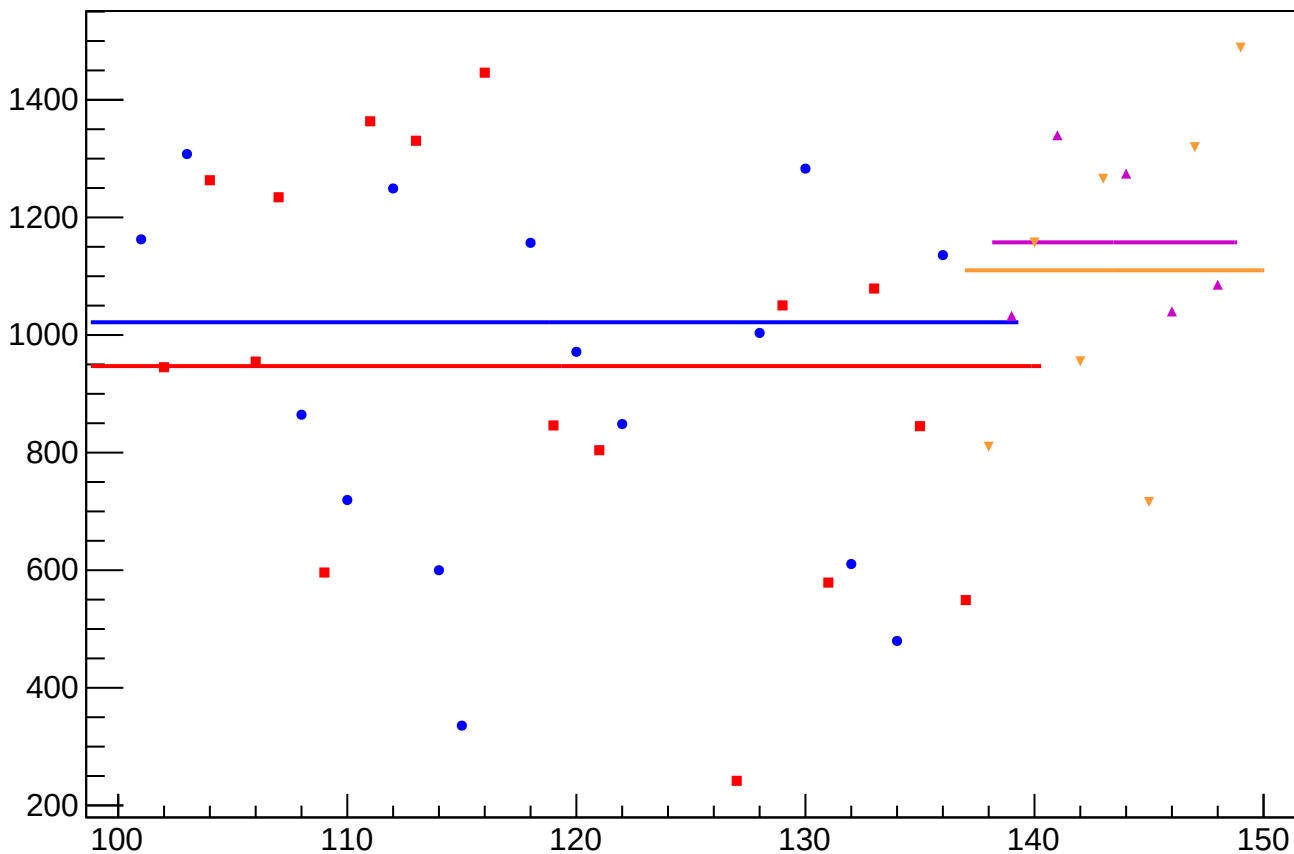
Left In: 1.771 $\pm$ 0.000 χ^2 /NDF: 5266684394041085527621109809152.0/4

+ sign 1.955 $\pm$ 0.000 χ^2 /NDF: 82056107719578108

All: 1.941 $\pm$ 0.000 χ^2 /NDF: 14217301454907

- sign 1.927 $\pm$ 0.000 χ^2 /NDF: 60072546941455220

dit_4eY_coil7_Ndata_mean vs Slug



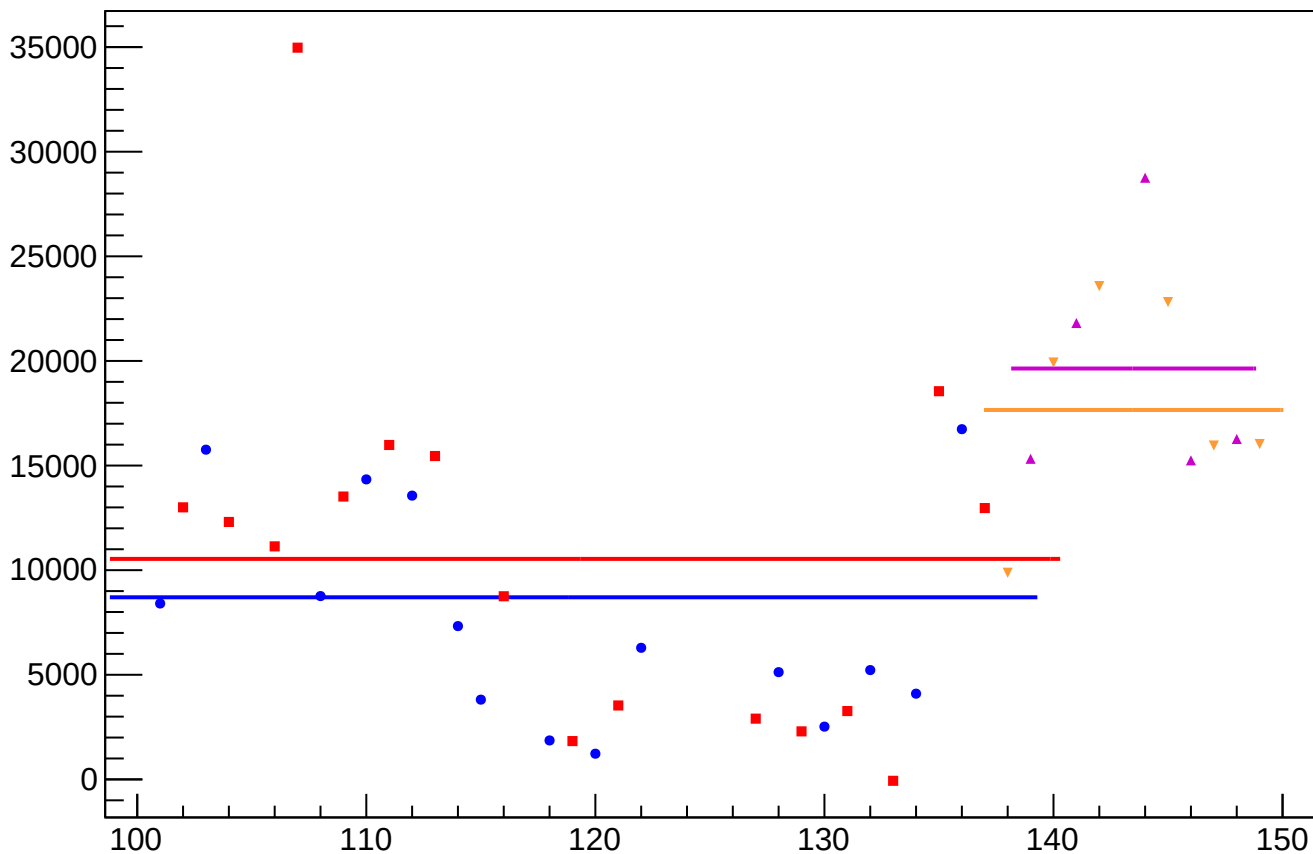
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

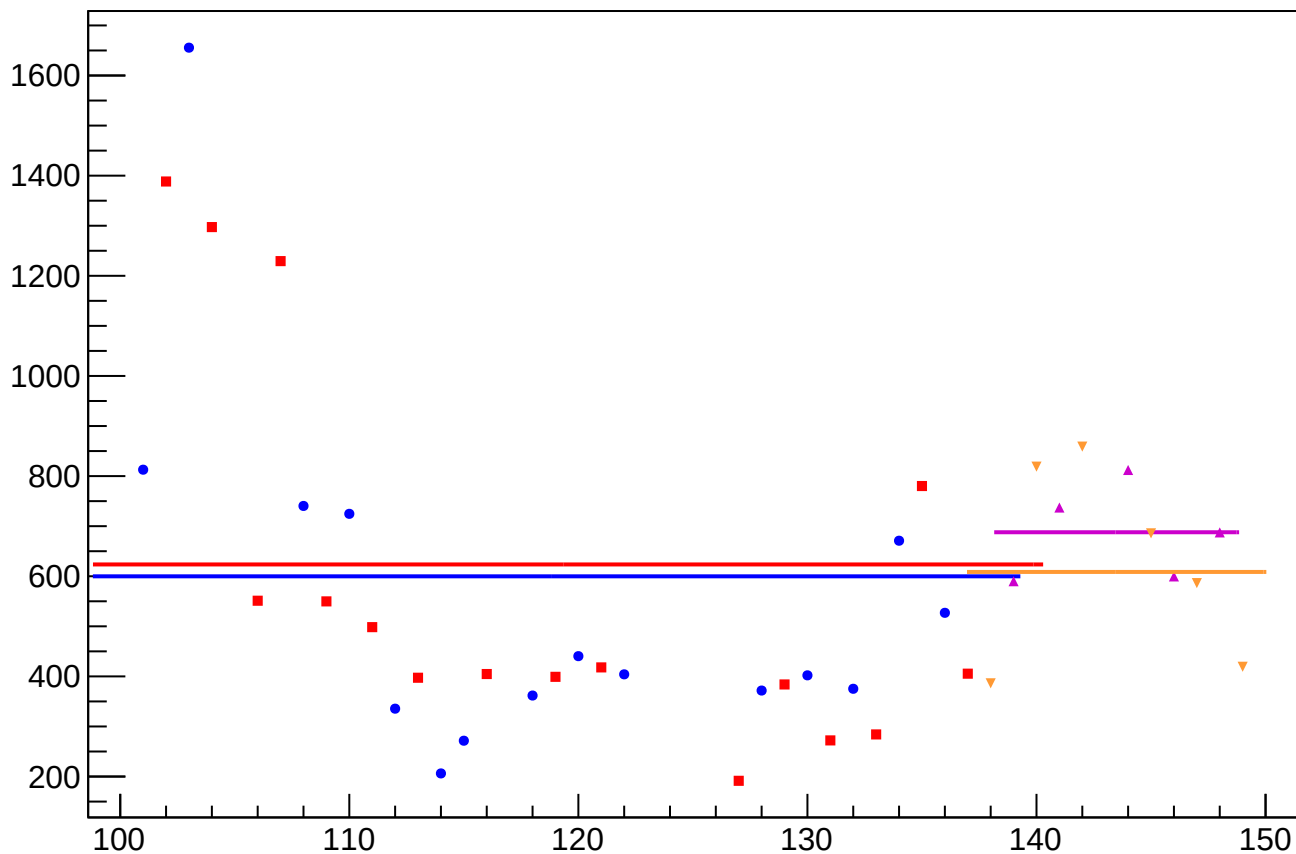
Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 17656.956+/-0.000 χ^2/NDF : 9354825497286272960188775437068314607616.0/5
 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: 608.618+/-0.000 χ^2/NDF : 13898993227948597505292026622391615488.0/5

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

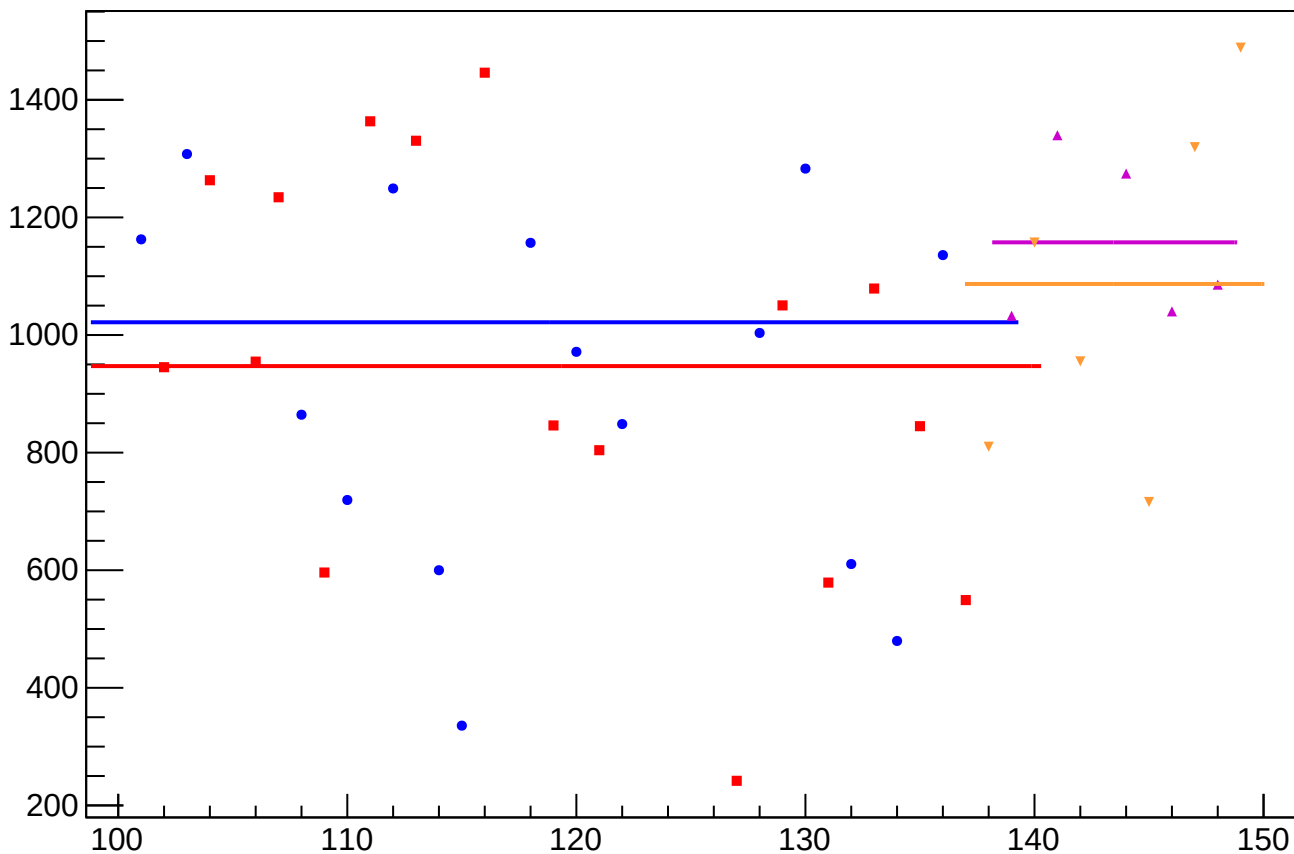
Left In: 687.860+/-0.000 χ^2/NDF : 3003943649421744525611606783385665536.0/4

+ sign 603.435+/-0.000 χ^2/NDF : 103178361095630

All: 625.866+/-0.000 χ^2/NDF : 209809003783

- sign 648.483+/-0.000 χ^2/NDF : 105521152105943

dit_usl_coil7_Ndata_mean vs Slug



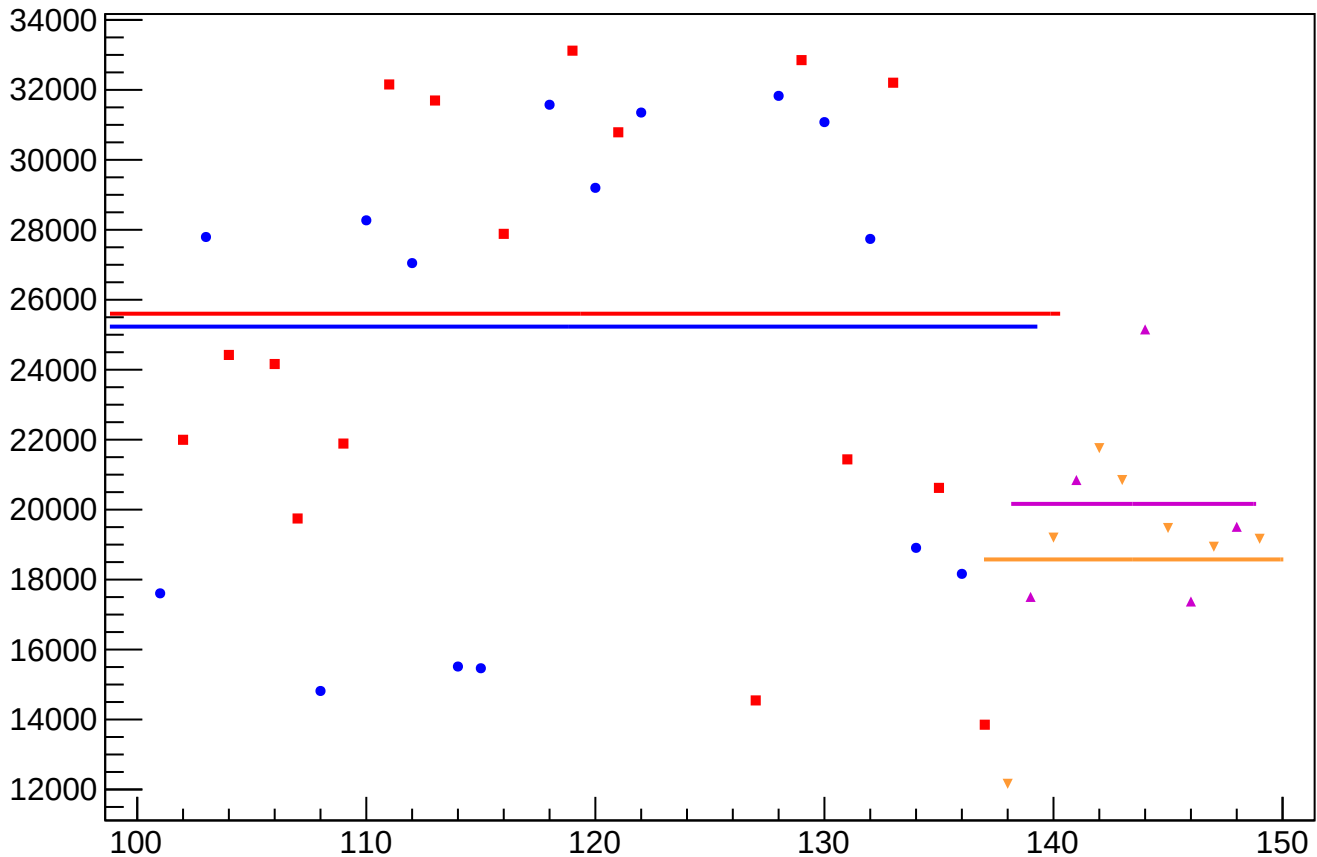
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1086.822+/-0.000	χ^2/NDF : 36104648454207601981452111060785954816.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1048.321+/-0.000 χ^2/NDF : 77723789087269

All: 1038.553+/-0.000 χ^2/NDF : 16404954326

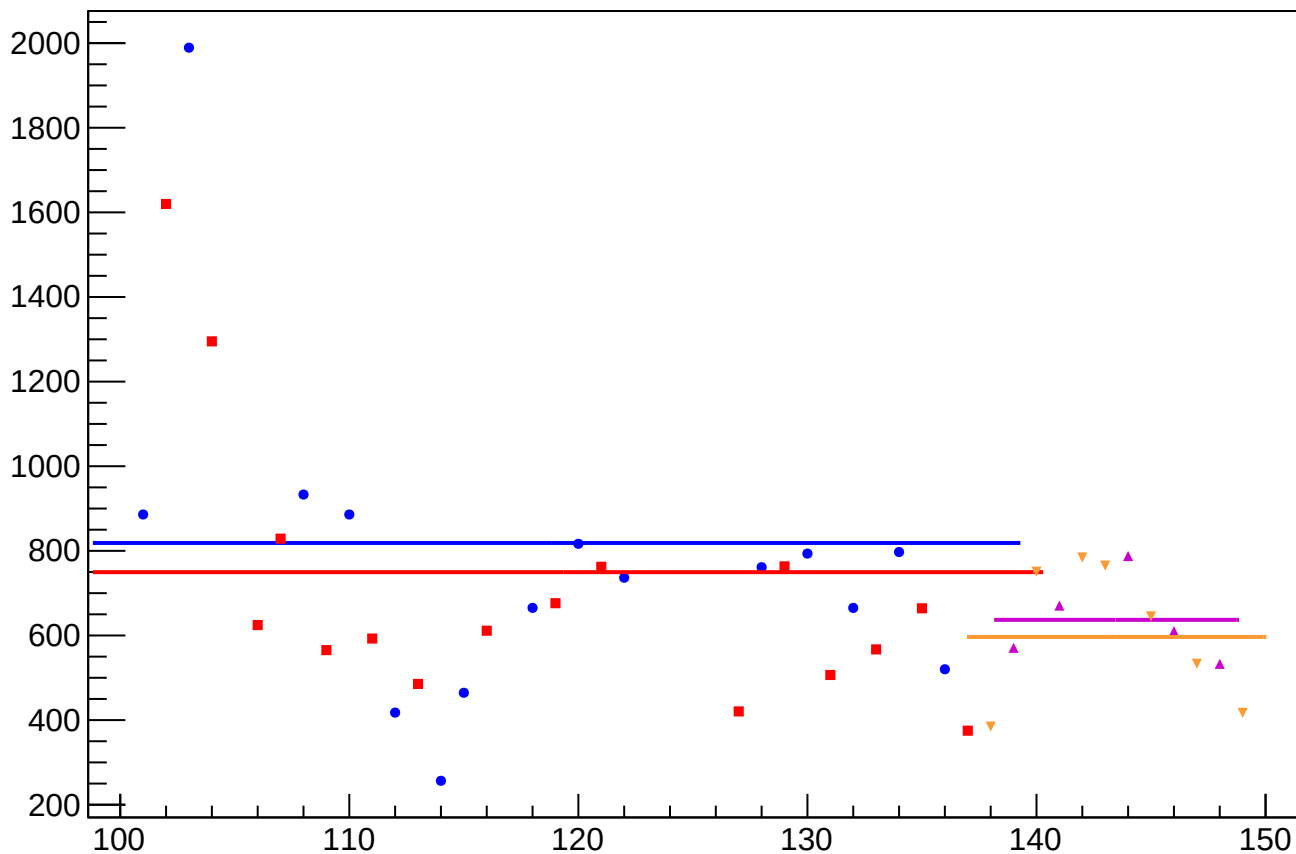
- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_usr_coil7_mean vs Slug



Right In: 25232.229 $\pm$ 0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18576.185 $\pm$ 0.000 χ^2/NDF : 4156675003592941063235282203083202887680.0/6
 Right Out: 25601.388 $\pm$ 0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: 20164.482 $\pm$ 0.000 χ^2/NDF : 3509101957877477432157598407604157022208.0/4

dit_usr_coil7_err_mean vs Slug



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14

+ sign 720.261 $\pm$ 0.000 χ^2 /NDF: 131982872814986

Left Out: 596.490 $\pm$ 0.000 χ^2 /NDF: 12186740997593995162710028829218308096.0/6

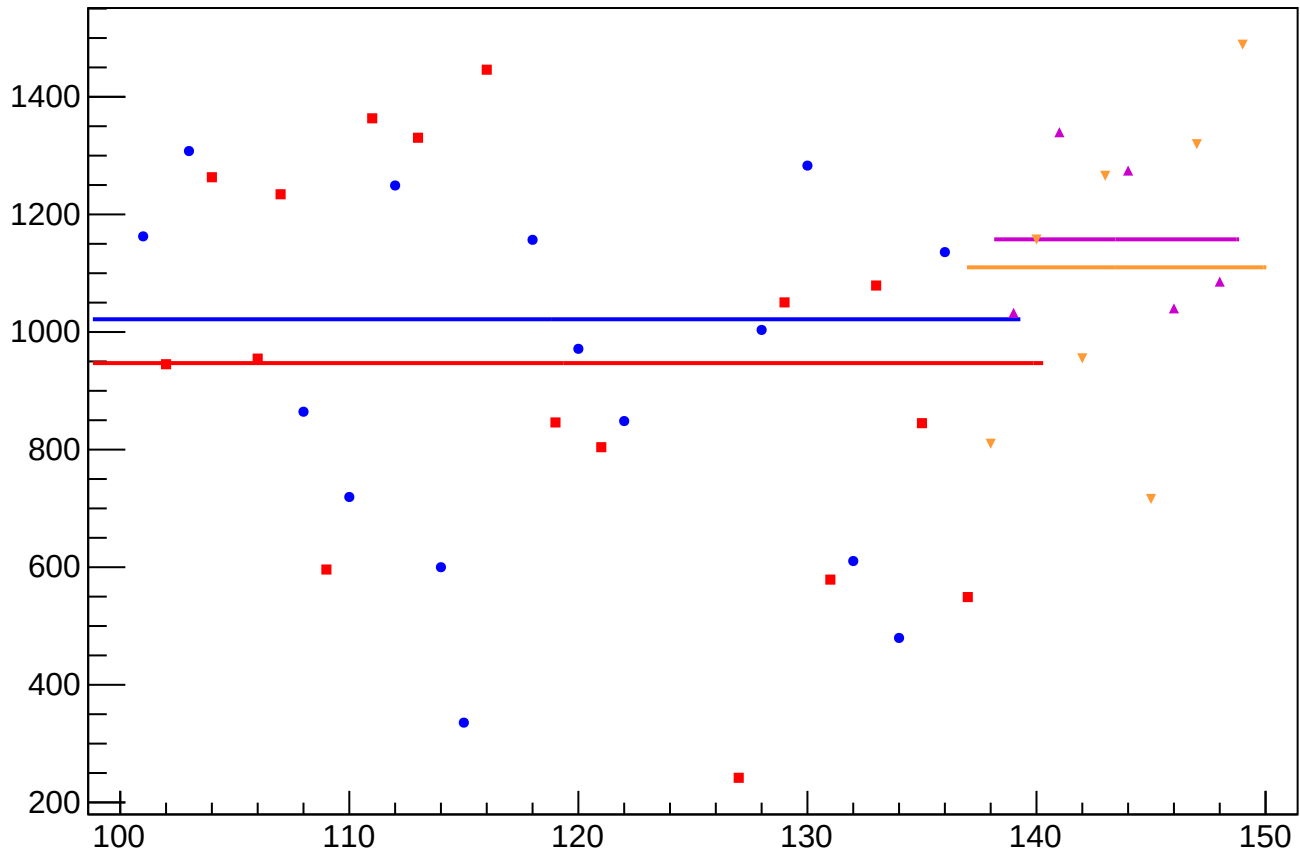
All: 713.362 $\pm$ 0.000 χ^2 /NDF: 216796285278

Right Out: 749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

- sign 705.980 $\pm$ 0.000 χ^2 /NDF: 846986232740053

Left In: 636.940 $\pm$ 0.000 χ^2 /NDF: 3441759463873942321803509020988801024.0/4

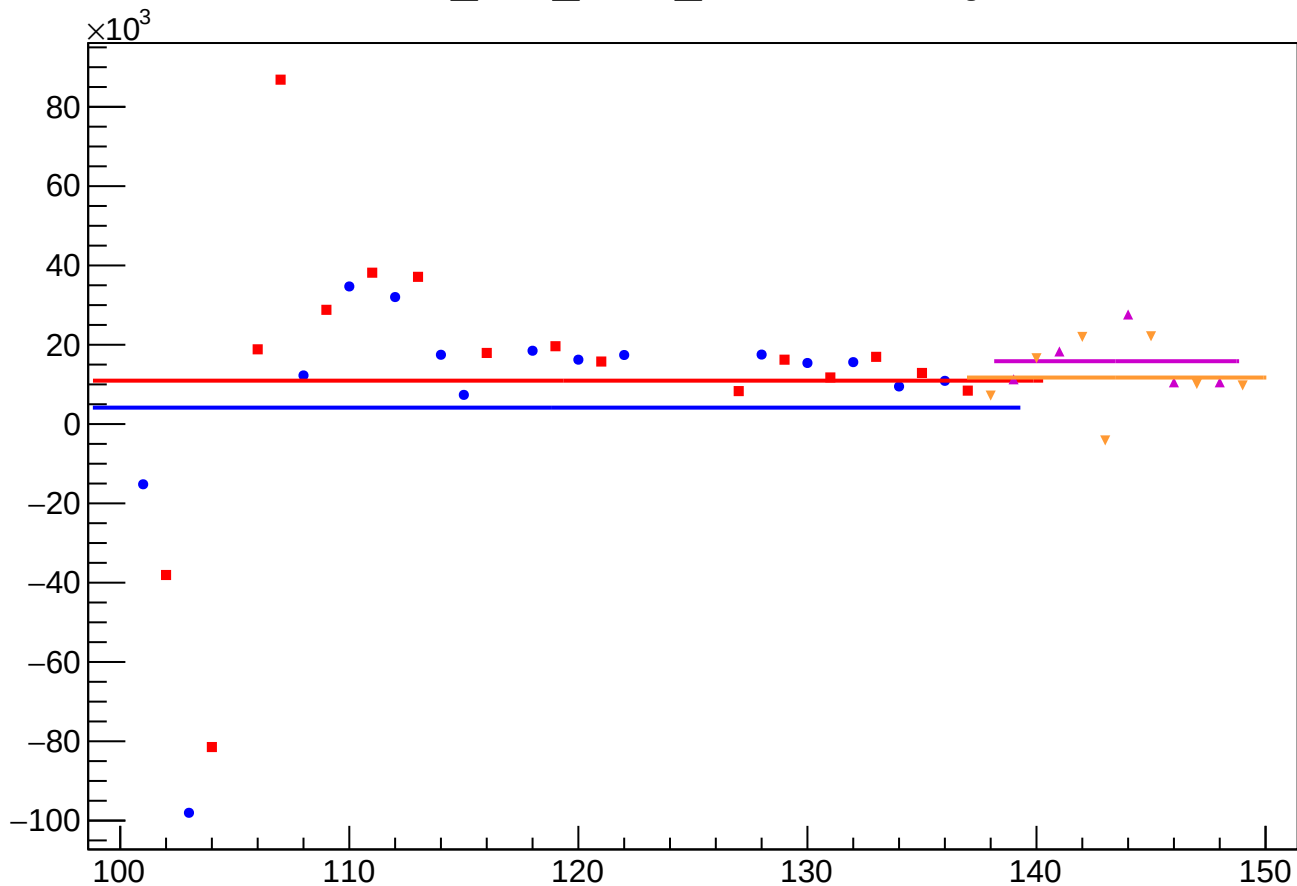
dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1110.045+/-0.000	χ^2/NDF : 37969517906791985414992429206525181952.0/6
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

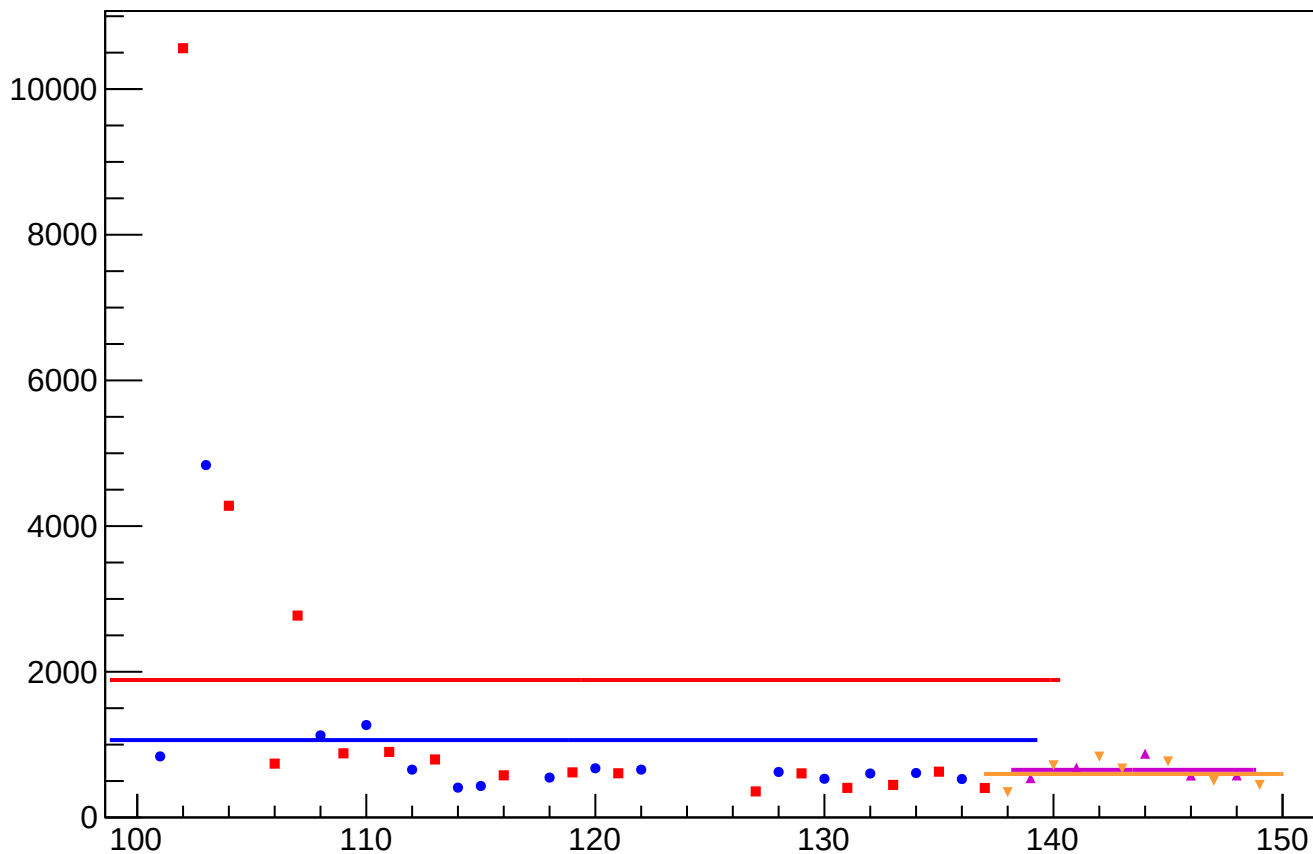
+ sign 1060.821+/-0.000 χ^2/NDF : 80706936661902
 All: 1045.304+/-0.000 χ^2/NDF : 16740287065
 - sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11732.955+/-0.000 χ^2/NDF : 34546512035461284208764445277609481207808.0/6
 Right Out: 10948.073+/-0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 15851.120+/-0.000 χ^2/NDF : 19282475866718981084706988761223874478080.0/4

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141 $\pm$ 0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 596.963 $\pm$ 0.000 χ^2/NDF : 13988247191907211604752944756575698944.0/6

Right Out: 1887.077 $\pm$ 0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

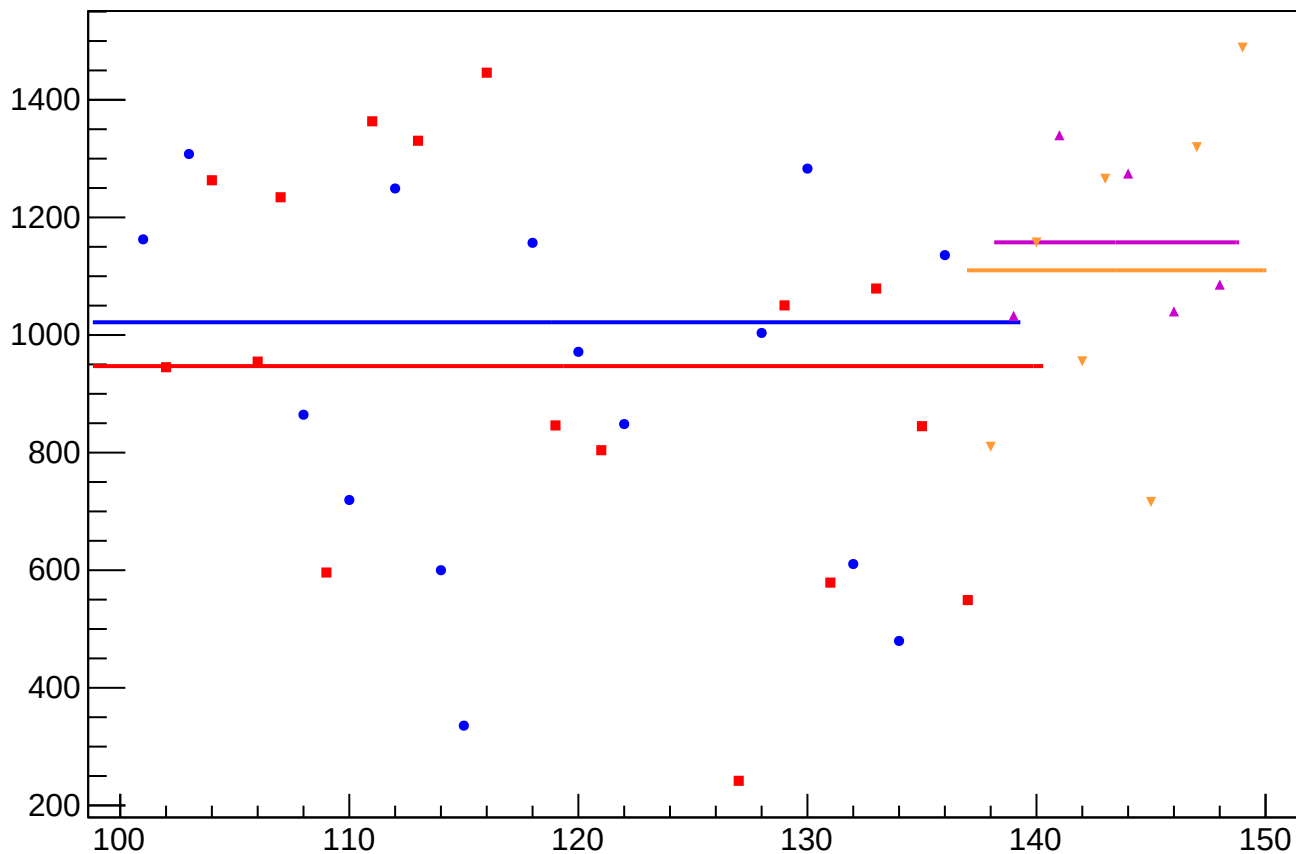
Left In: 653.893 $\pm$ 0.000 χ^2/NDF : 6470086017258708747736465625860538368.0/4

+ sign 856.105 $\pm$ 0.000 χ^2/NDF : 102899657635144

All: 1123.330 $\pm$ 0.000 χ^2/NDF : 71265951910

- sign 1409.204 $\pm$ 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: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

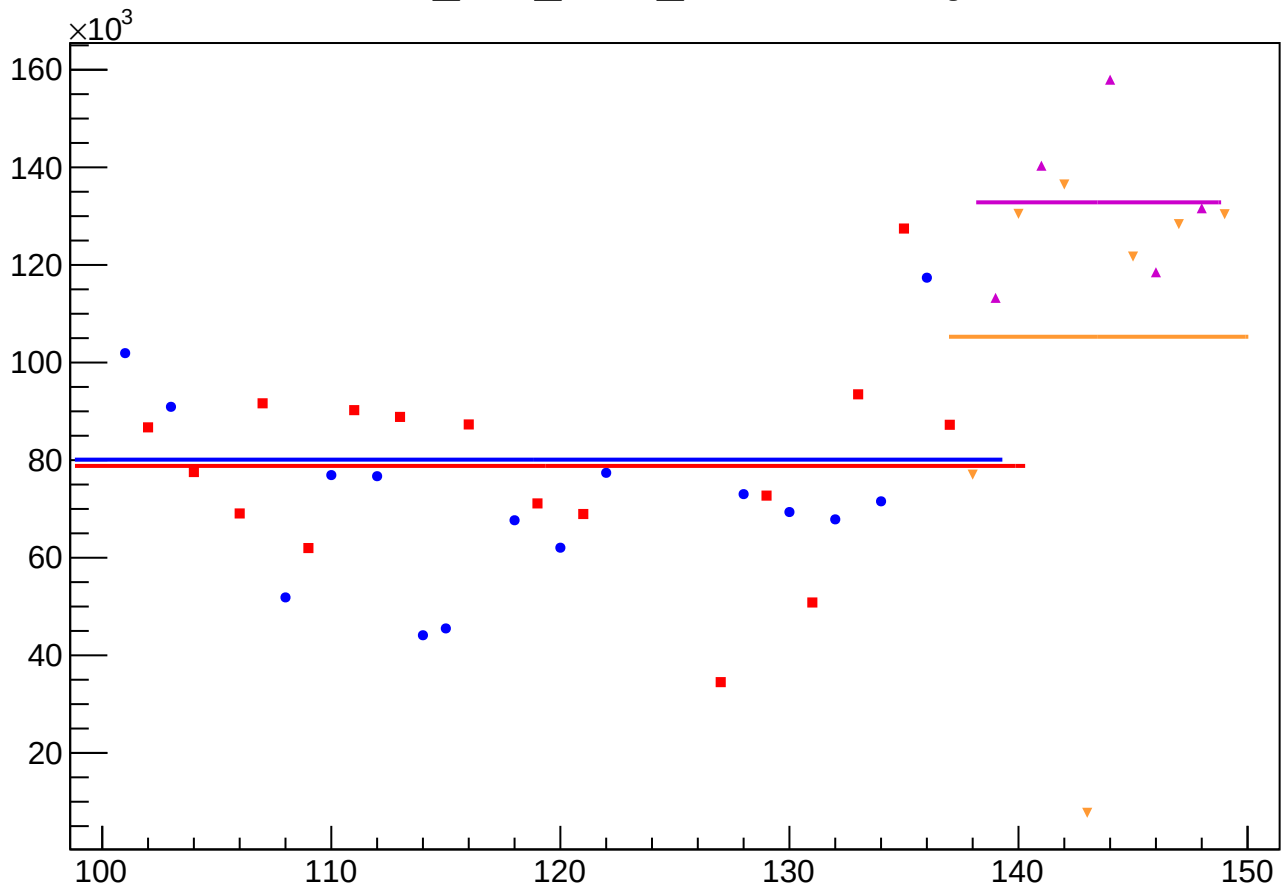
Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1060.821+/-0.000 χ^2/NDF : 80706936661902

All: 1045.304+/-0.000 χ^2/NDF : 16740287065

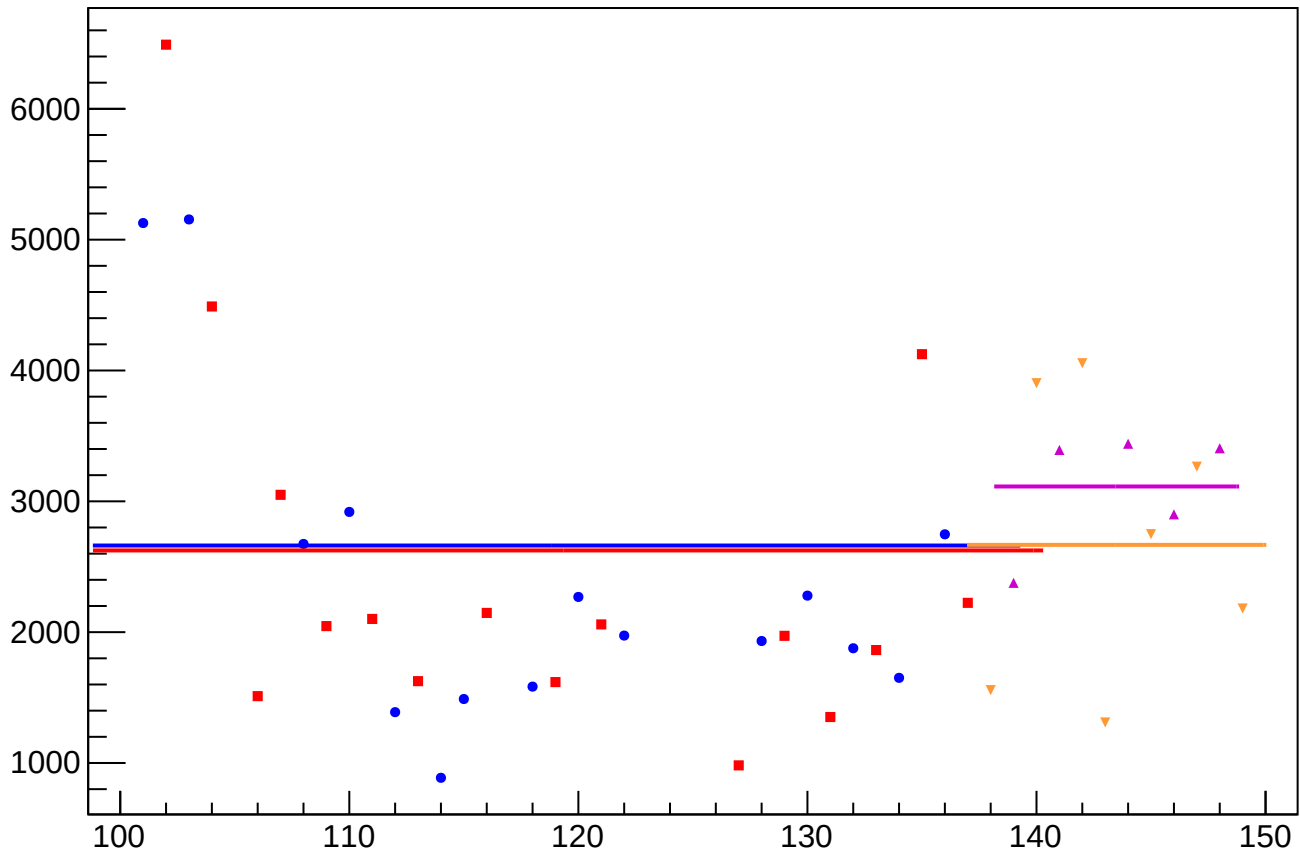
- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_atl2_coil7_mean vs Slug



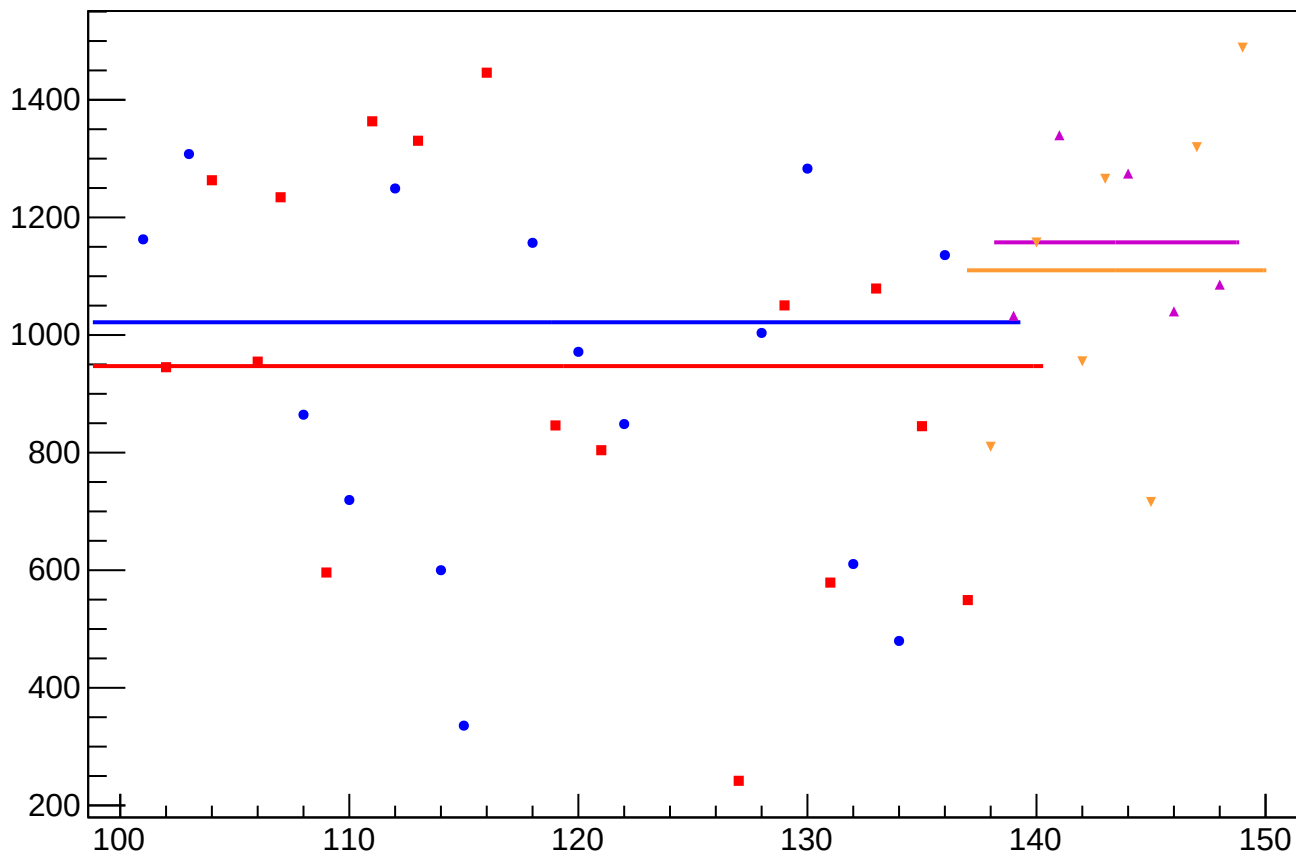
Right In: 80102.504 ± 0.000 χ^2/NDF : 254521784097258654723607522631742465769472.0/14
 Left Out: 105287.262 ± 0.000 χ^2/NDF : 913063145537898825428951388787178689527808.0/6
 Right Out: 78815.832 ± 0.000 χ^2/NDF : 286076919217811099434470442231998185472000.0/15
 Left In: 132829.433 ± 0.000 χ^2/NDF : 109212177928565747346750803030077775806464.0/4

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 2667.304+/-0.000 χ^2/NDF : 481750983121520728337972866026412441600.0/6
 Right Out: 2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 3113.525+/-0.000 χ^2/NDF : 71000838010538901528448948238370734080.0/4

dit_atl2_coil7_Ndata_mean vs Slug



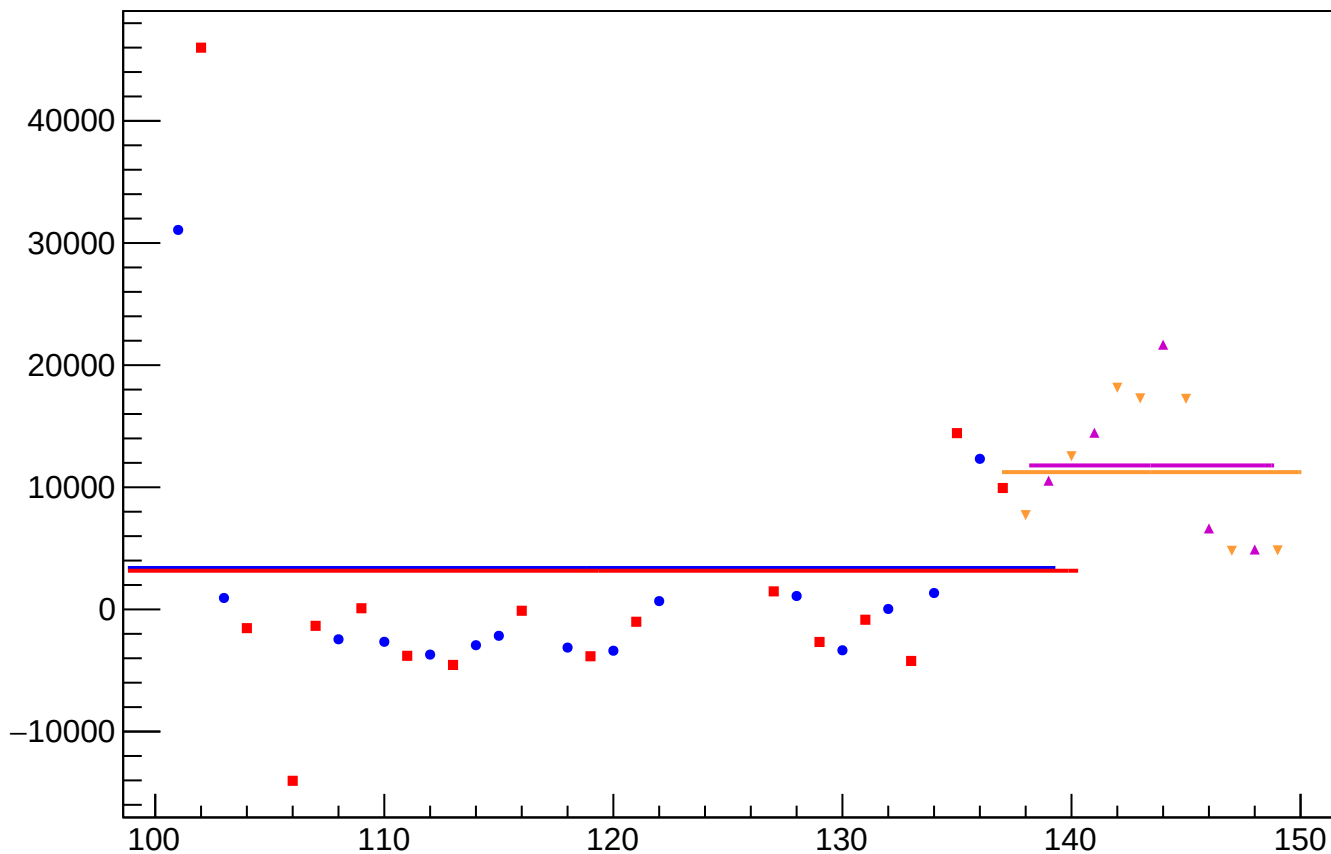
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

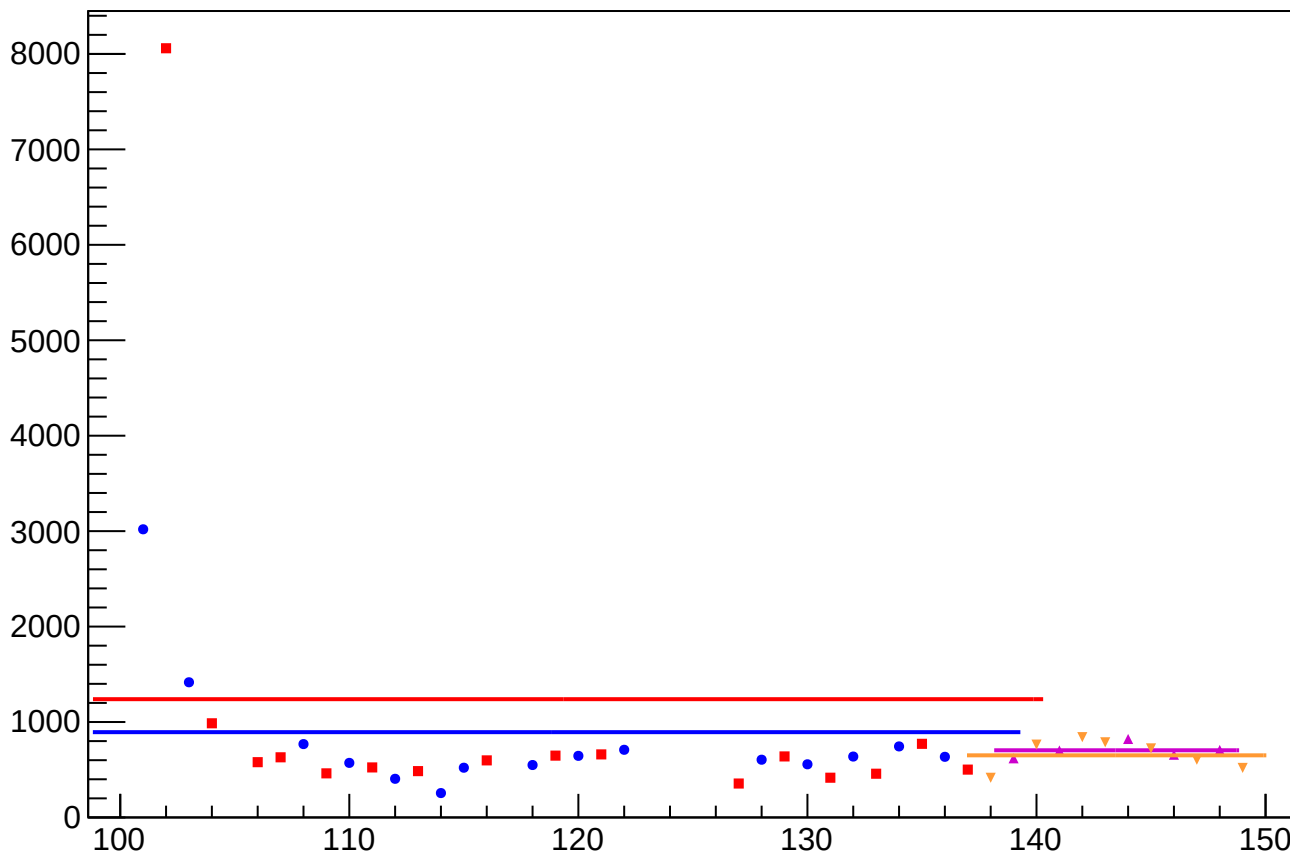
Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 11240.508+/-0.000 χ^2/NDF : 15346144513041354240193571510244377362432.0/6
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 11789.357+/-0.000 χ^2/NDF : 15621953774109917396559295391190979969024.0/4

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 650.926+/-0.000 χ^2/NDF : 10322189522262651377787695319648043008.0/6

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

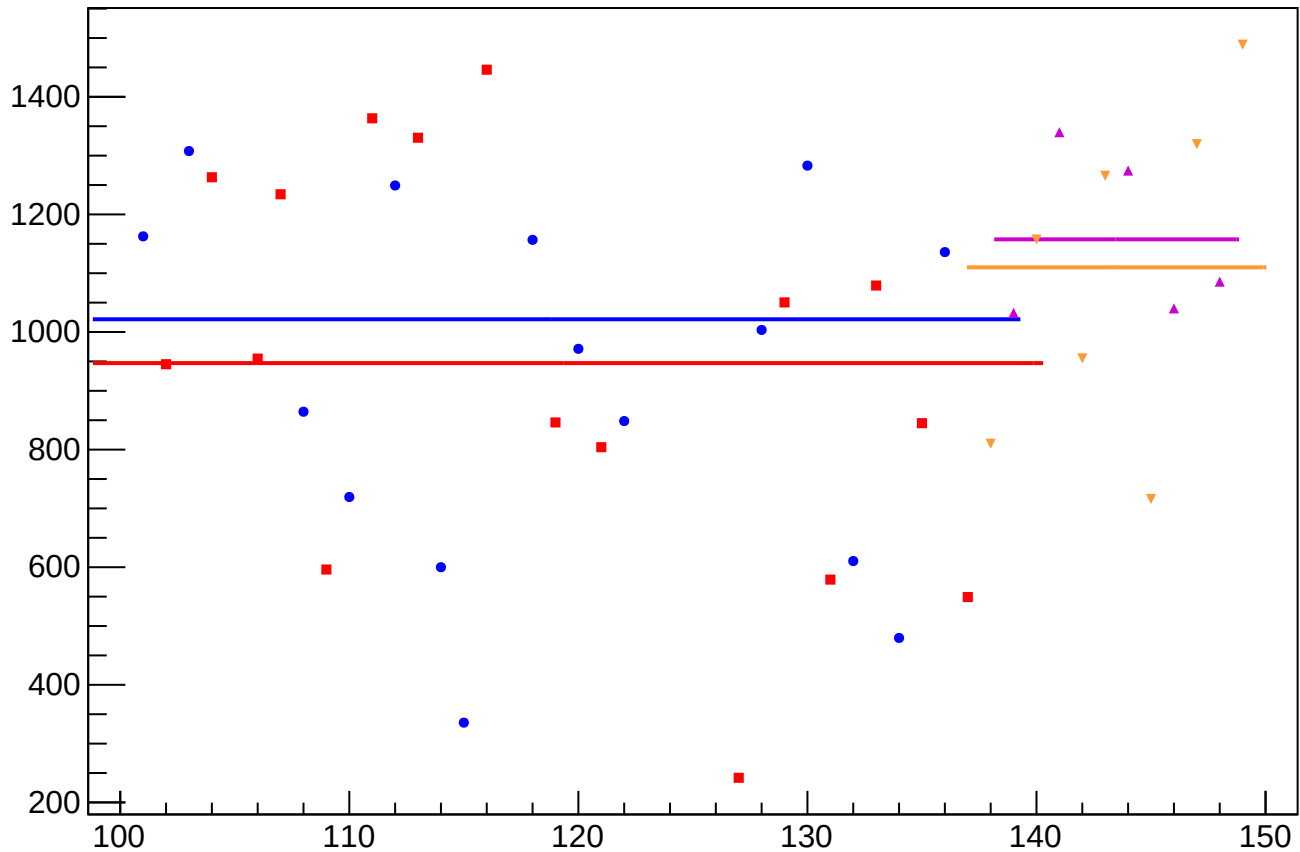
Left In: 703.855+/-0.000 χ^2/NDF : 2005805306716858181901231703677992960.0/4

+ sign 786.161+/-0.000 χ^2/NDF : 361845775615653

All: 904.843+/-0.000 χ^2/NDF : 34429099986

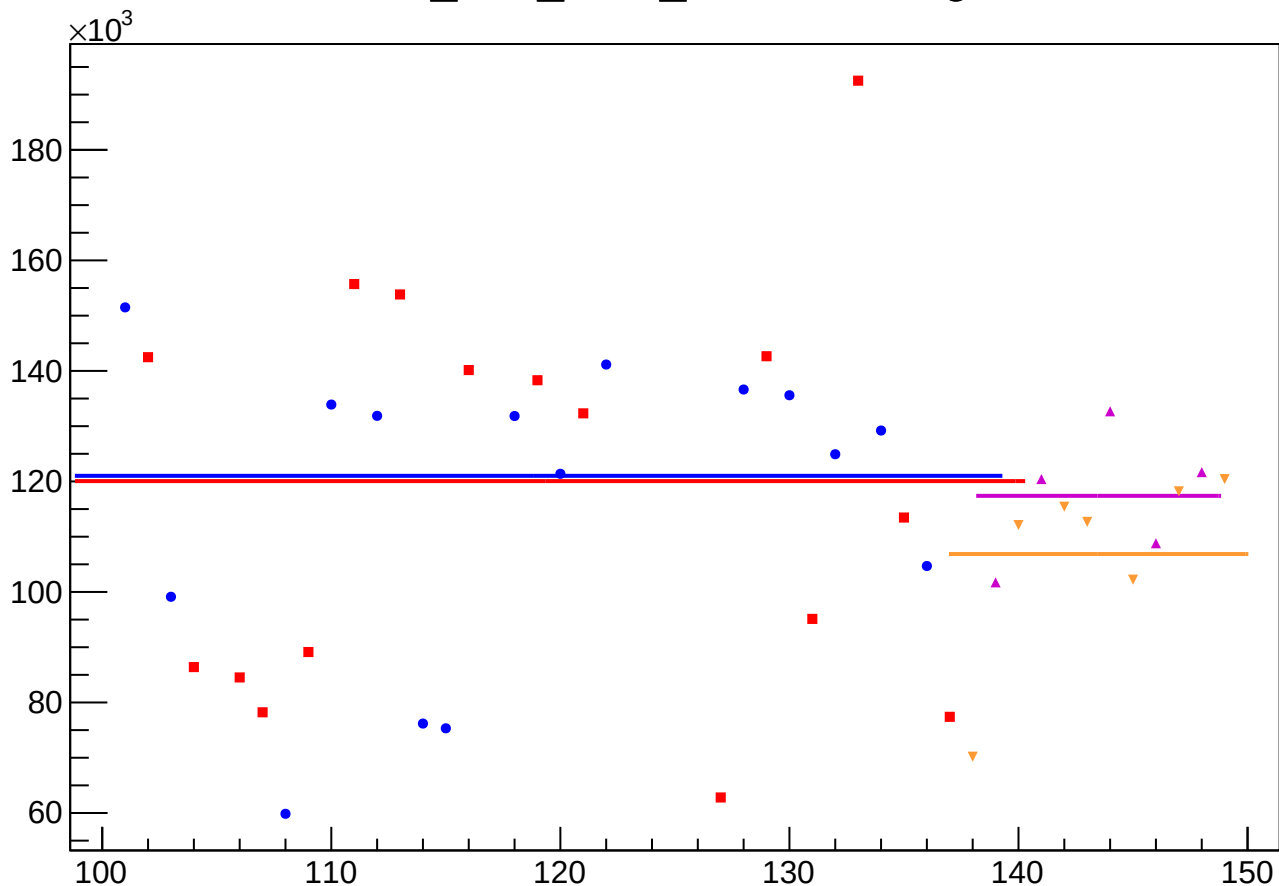
- sign 1031.808+/-0.000 χ^2/NDF : 30471000351573

dit_atr1_coil7_Ndata_mean vs Slug



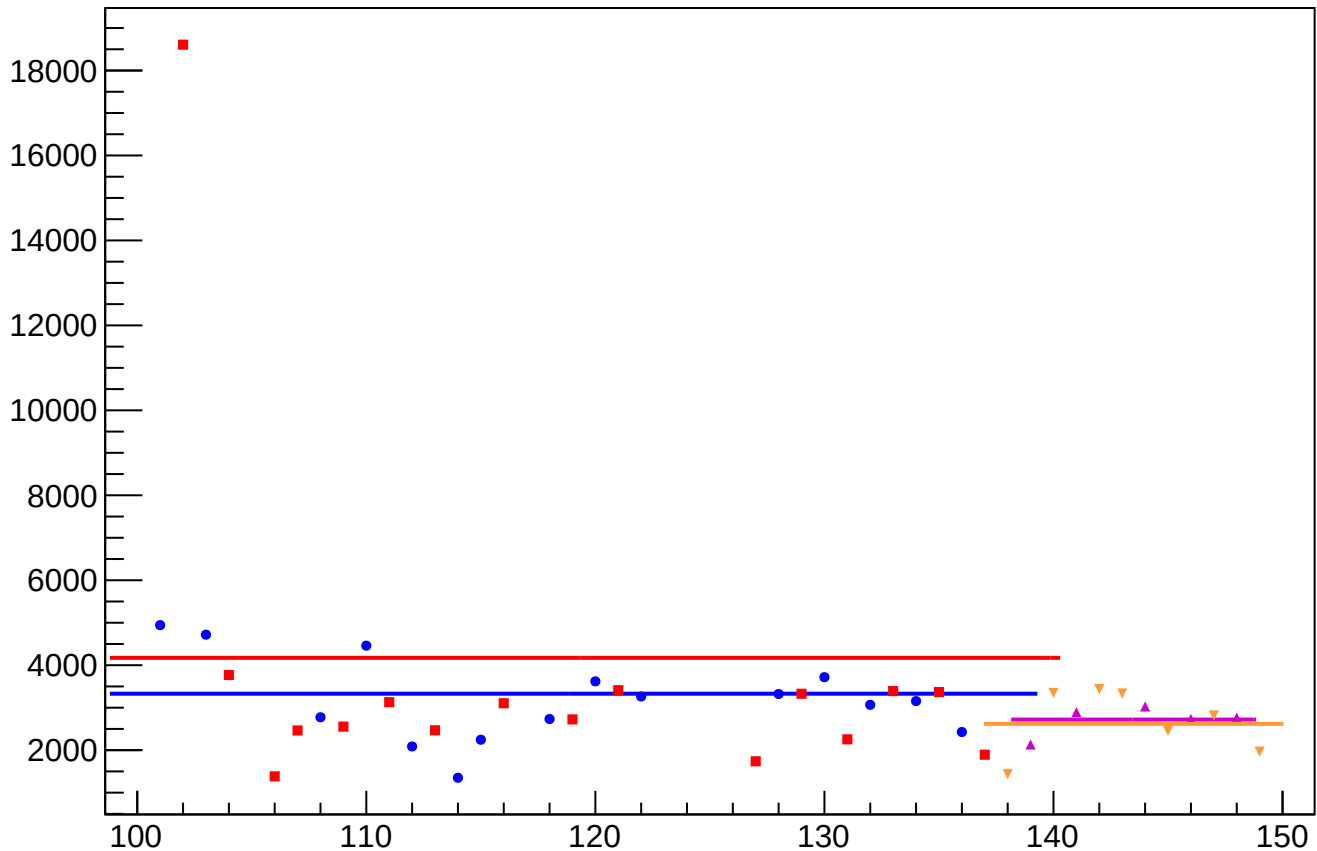
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1060.821+/-0.000	χ^2/NDF : 80706936661902
Left Out: 1110.045+/-0.000	χ^2/NDF : 37969517906791985414992429206525181952.0/6	All: 1045.304+/-0.000	χ^2/NDF : 16740287065
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1028.704+/-0.000	χ^2/NDF : 86115369467423
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4		

dit_atr2_coil7_mean vs Slug



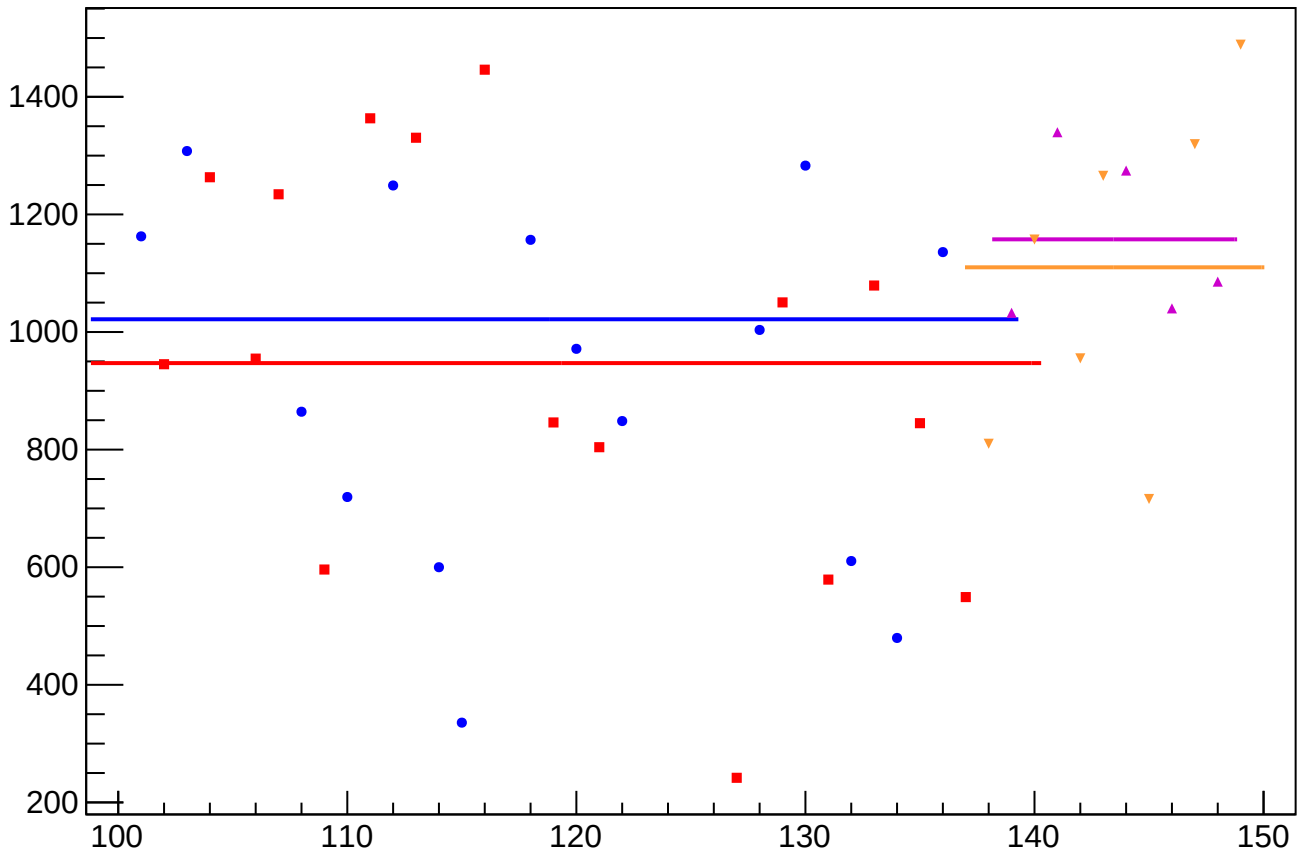
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 106862.928 $\pm$ 0.000 χ^2 /NDF: 140048554128225425261012848716375507599360.0/6
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117394.498 $\pm$ 0.000 χ^2 /NDF: 49123889207883148221955298960734838325248.0/4

dit_atr2_coil7_err_mean vs Slug



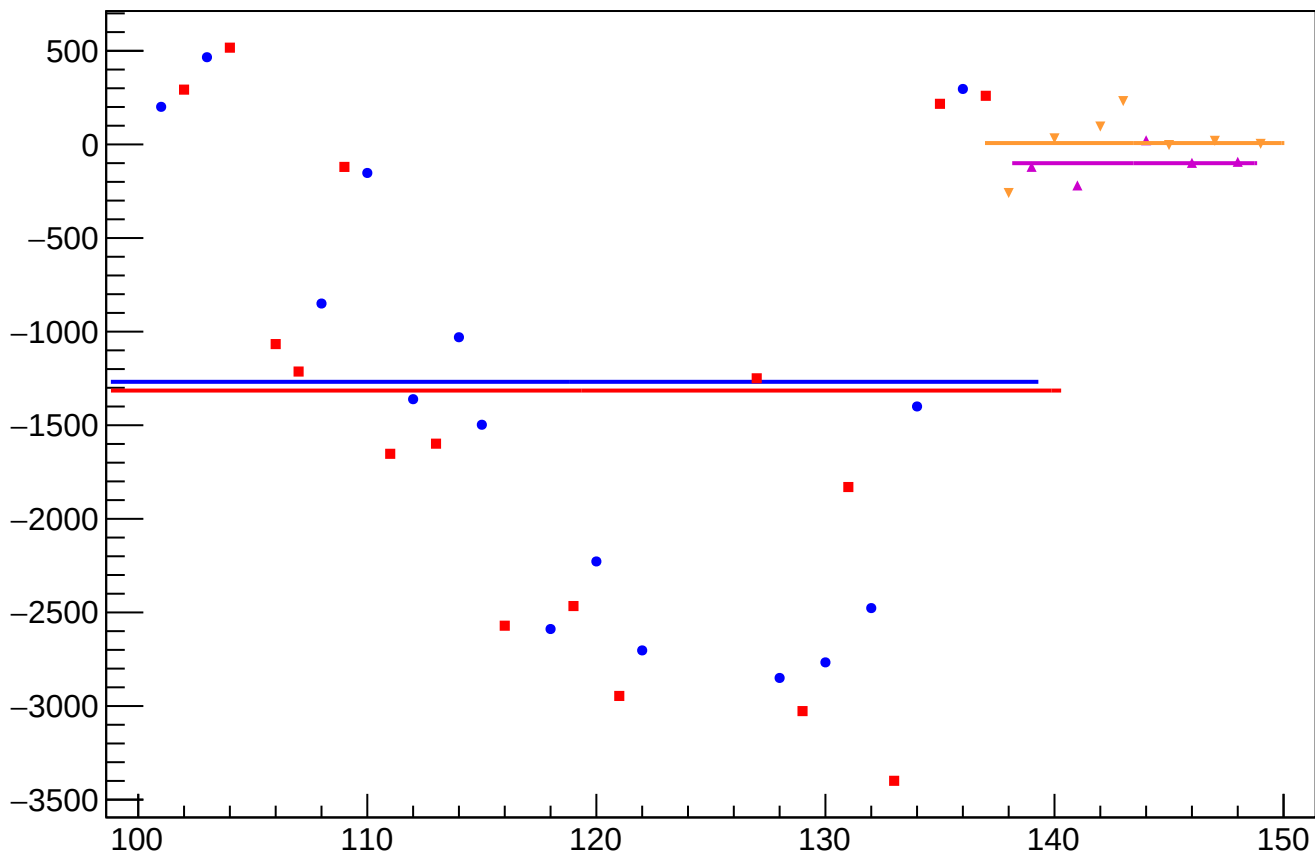
Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2619.350+/-0.000 χ^2/NDF : 258954484923567171089832543822404386816.0/6
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2720.048+/-0.000 χ^2/NDF : 39119492333219765341054167011930669056.0/4
 + sign 3014.955+/-0.000 χ^2/NDF : 97095106791182
 All: 3302.557+/-0.000 χ^2/NDF : 1525374226
 - sign 3610.230+/-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	+ sign 1060.821+/-0.000	χ^2/NDF : 80706936661902
Left Out: 1110.045+/-0.000	χ^2/NDF : 37969517906791985414992429206525181952.0/6	All: 1045.304+/-0.000	χ^2/NDF : 16740287065
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_sam1_coil7_mean vs Slug



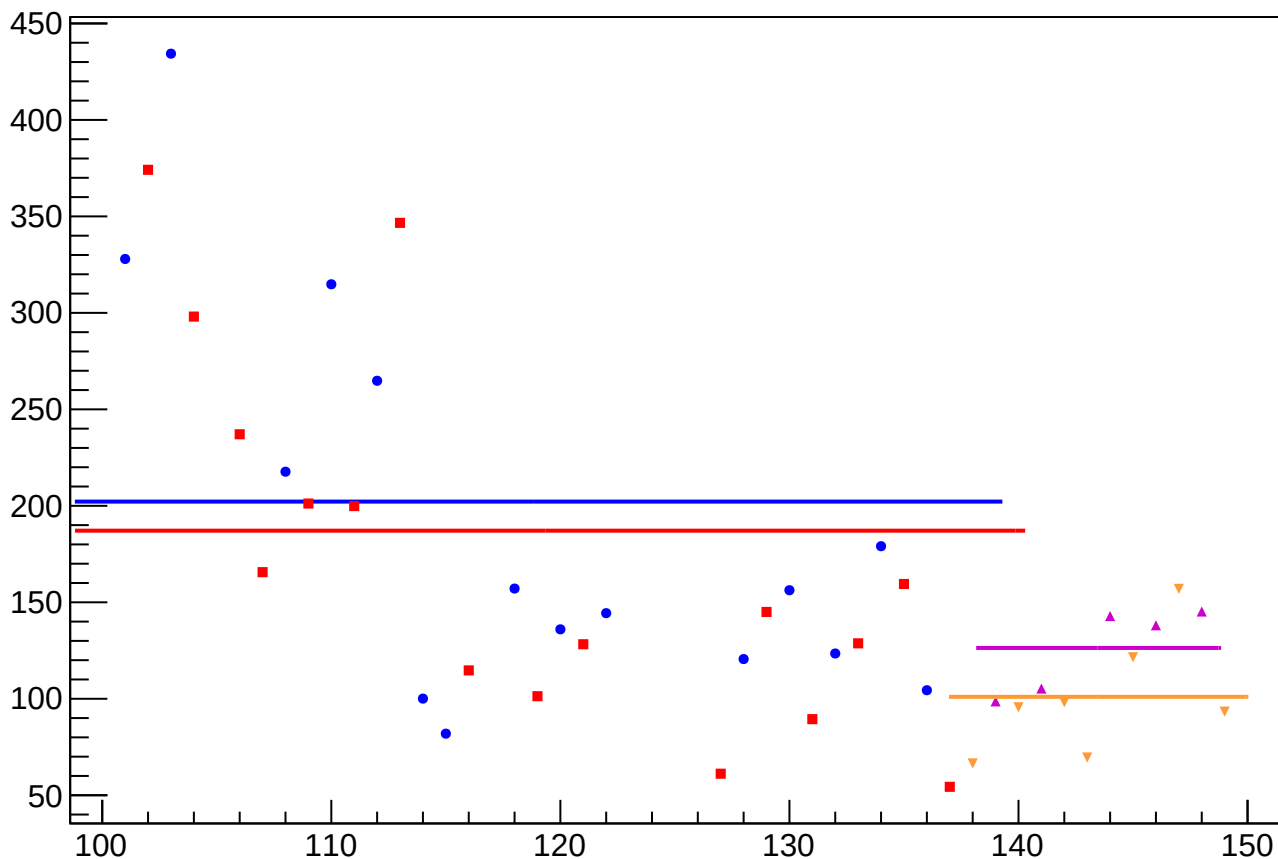
Right In: -1268.061 ± 0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: 7.331 ± 0.000 χ^2/NDF : 9351419570182433331642836960365510656.0/6

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

Left Out: 101.019+/-0.000 χ^2/NDF : 445188371168631851651624964674551808.0/6

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

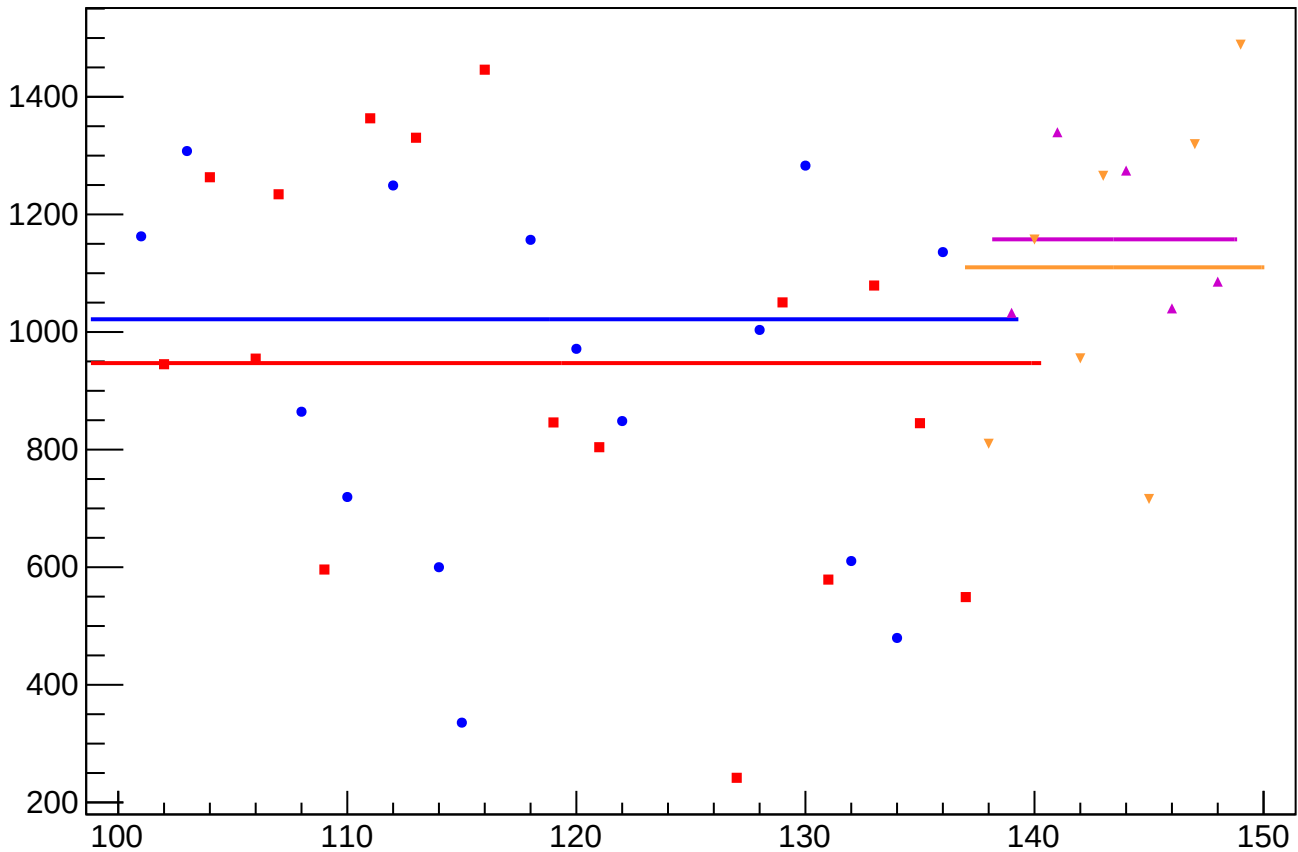
Left In: 126.342+/-0.000 χ^2/NDF : 165420512103443127854197702735691776.0/4

+ sign 157.380+/-0.000 χ^2/NDF : 104154087348384

All: 160.371+/-0.000 χ^2/NDF : 177873882448

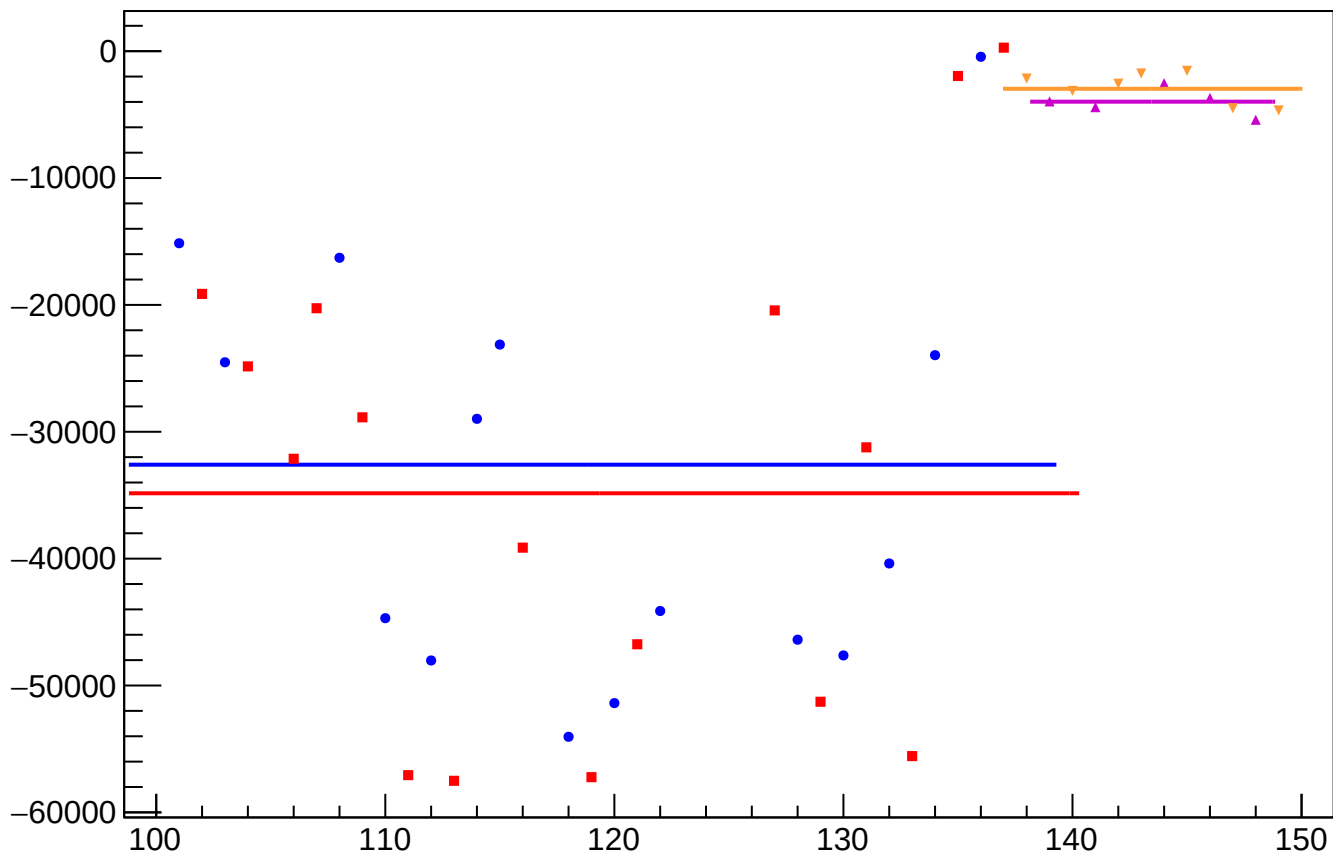
- sign 163.572+/-0.000 χ^2/NDF : 735040314244330

dit_sam1_coil7_Ndata_mean vs Slug



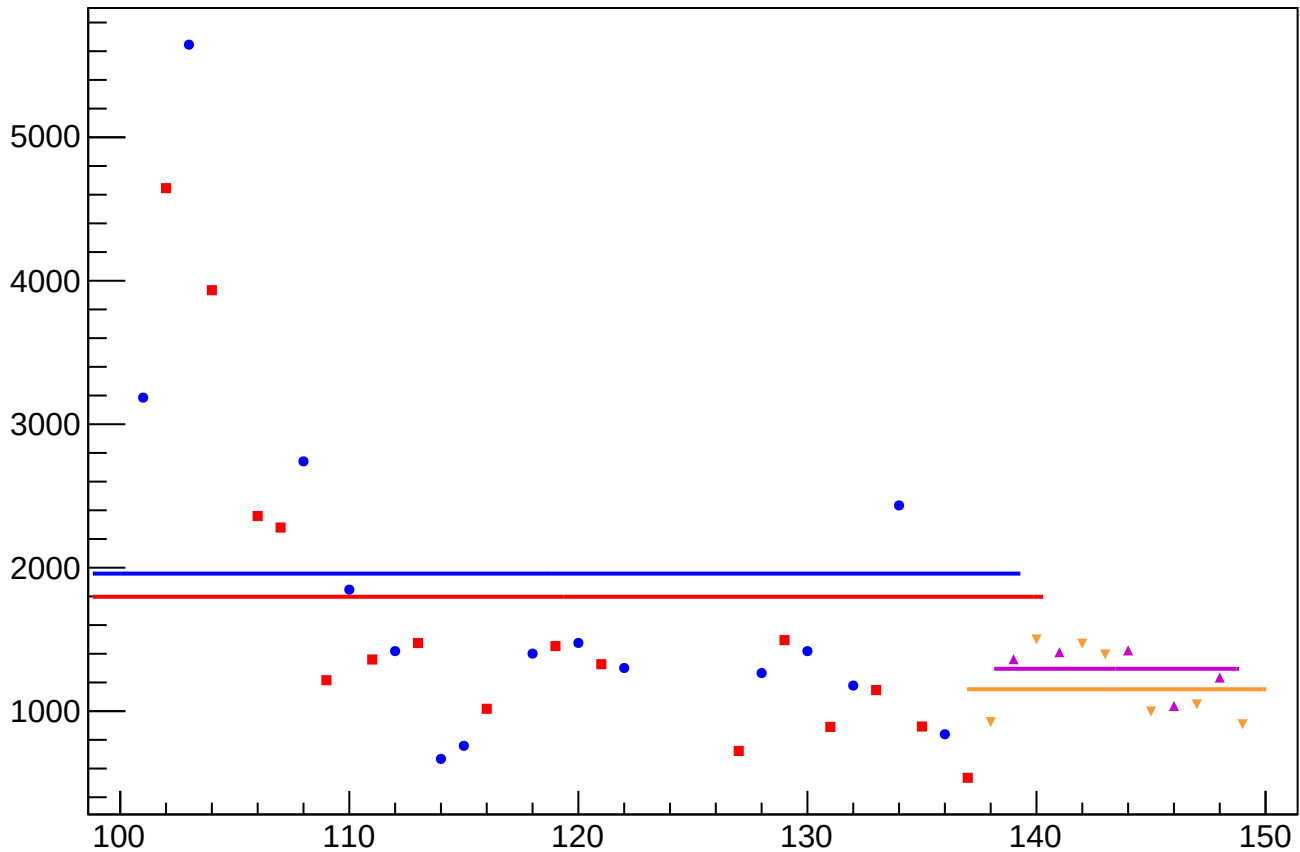
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

dit_sam2_coil7_mean vs Slug



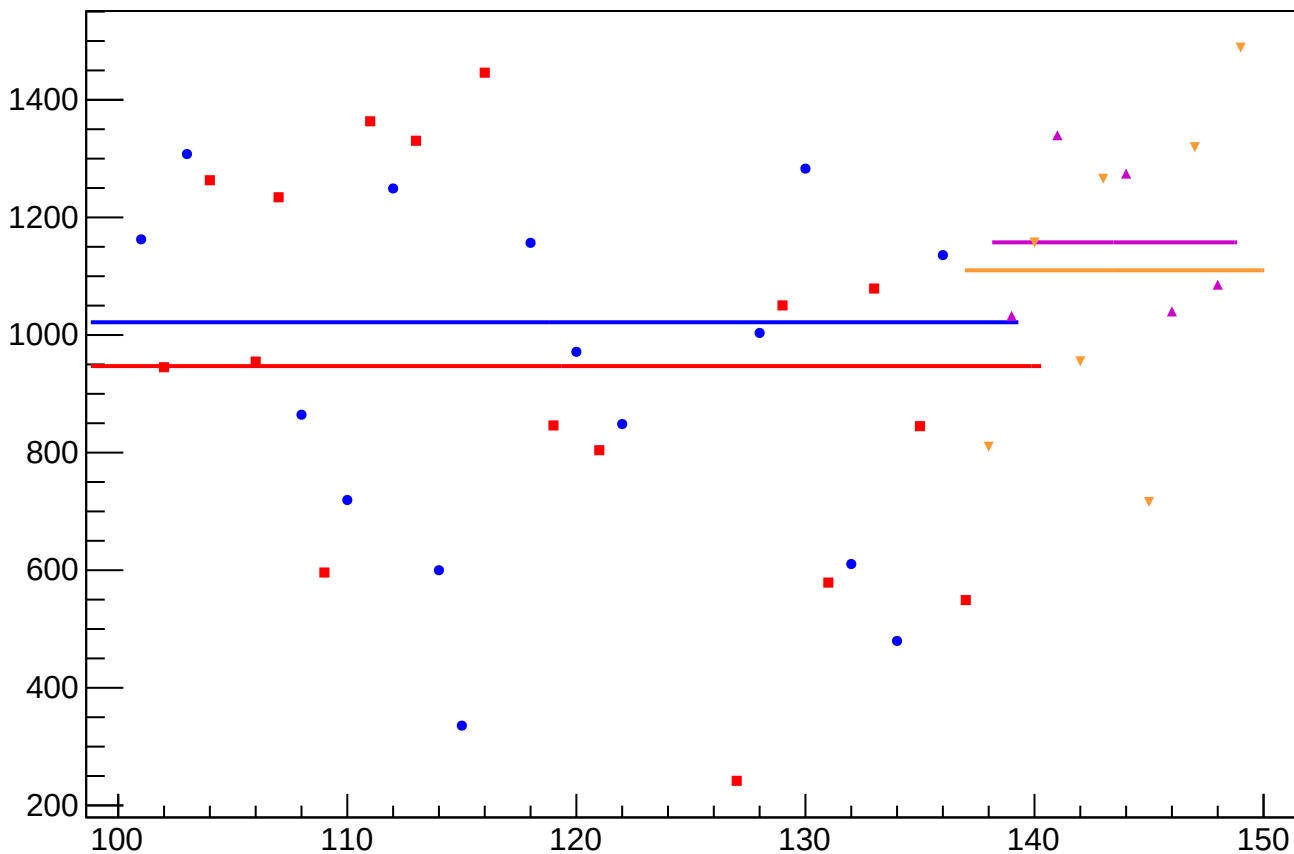
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -2963.617 ± 0.000 χ^2/NDF : 748919966354467737865953607570679660544.0/6
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -3981.230 ± 0.000 χ^2/NDF : 382816675478215160413213424886342483968.0/4

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835 $\pm$ 0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1152.829 $\pm$ 0.000 χ^2/NDF : 30345625076541280340297509669422759936.0/6
 Right Out: 1797.392 $\pm$ 0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1295.288 $\pm$ 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: 1110.045 +/- 0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6

Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

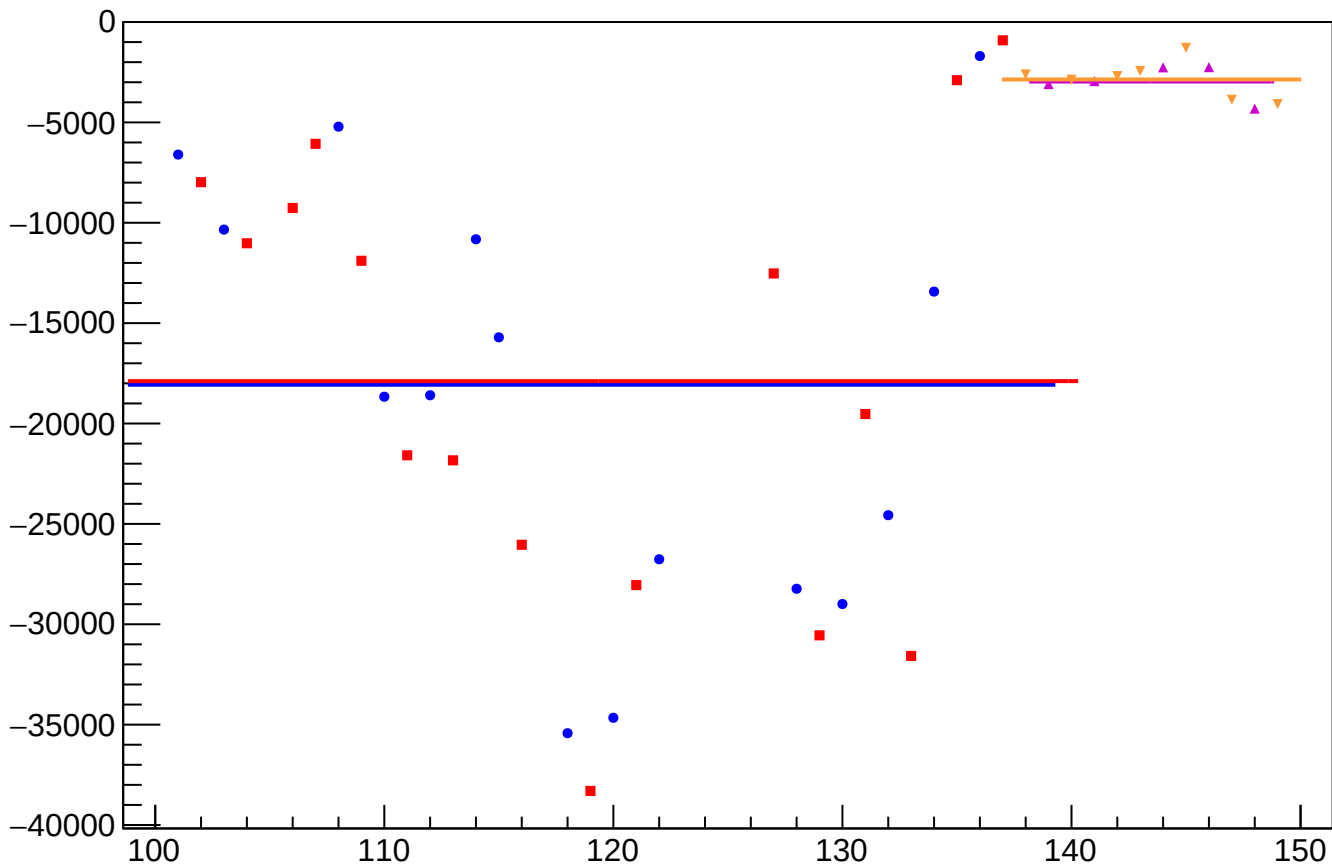
Left In: 1157.614 +/- 0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1060.821 +/- 0.000 χ^2/NDF : 80706936661902

All: 1045.304 +/- 0.000 χ^2/NDF : 16740287065

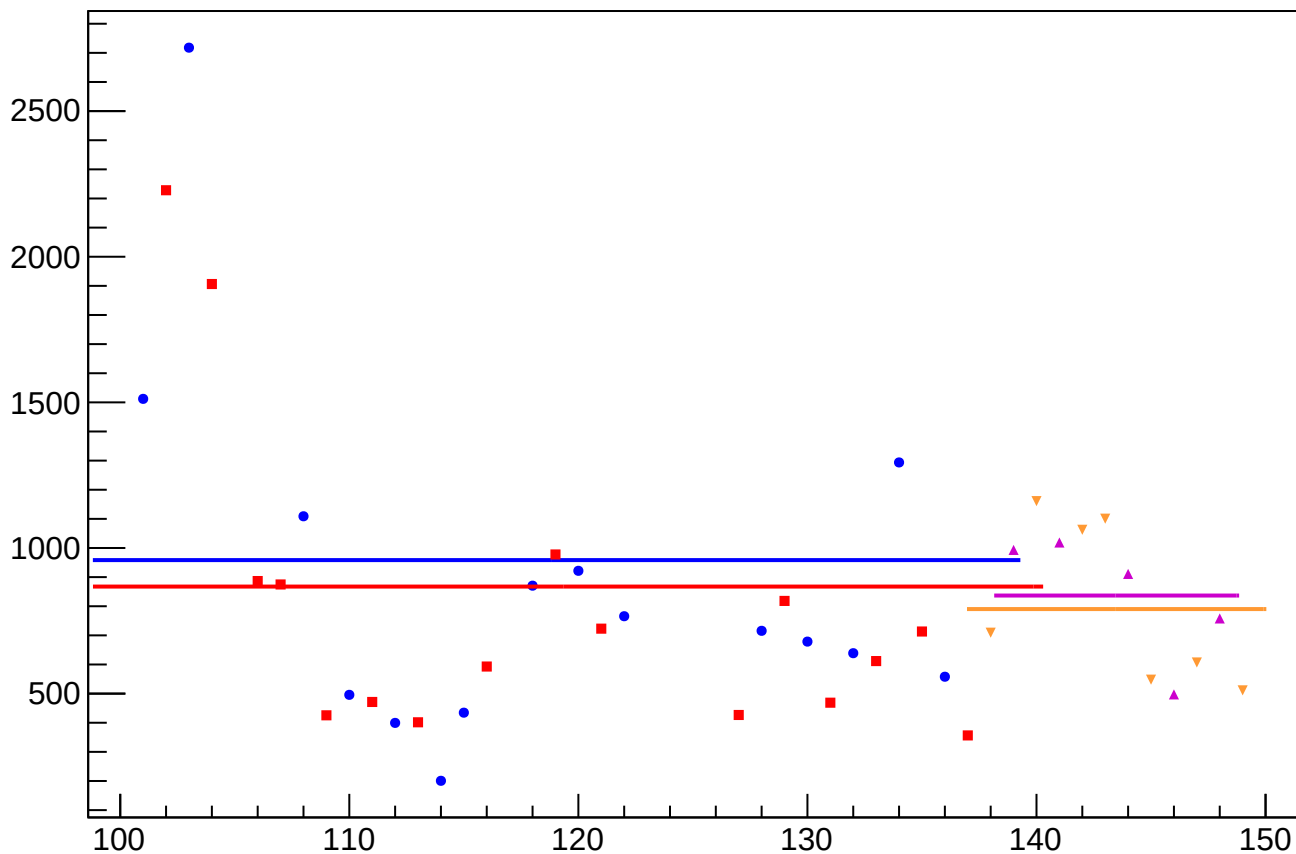
- sign 1028.704 +/- 0.000 χ^2/NDF : 86115369467423

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -2862.205+/-0.000 χ^2/NDF : 425243558833192790553988835067557838848.0/6
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -2962.916+/-0.000 χ^2/NDF : 241501614559537525913926789971711098880.0/4

dit_sam3_coil7_err_mean vs Slug



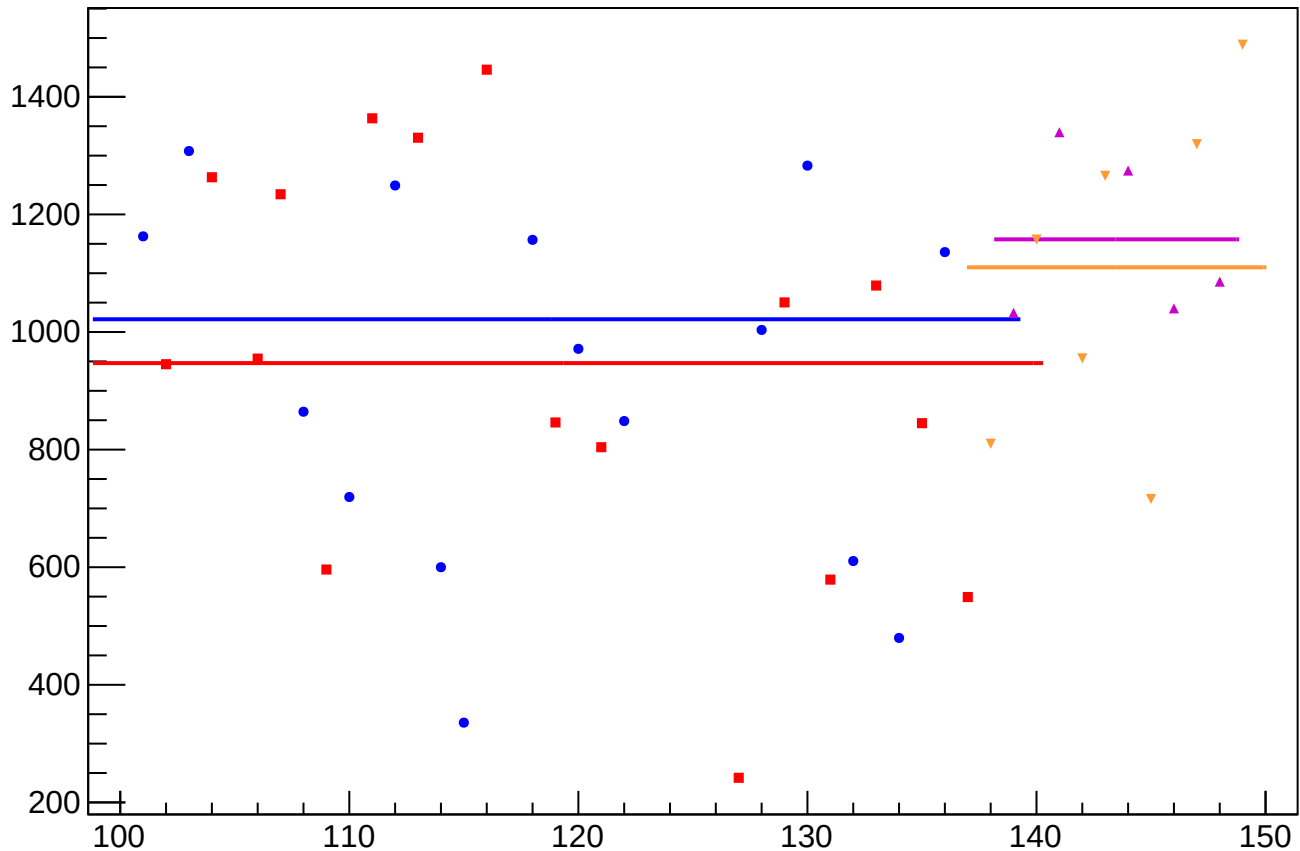
Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 790.285+/-0.000 χ^2/NDF : 35563447370064412943495783145164242944.0/6

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

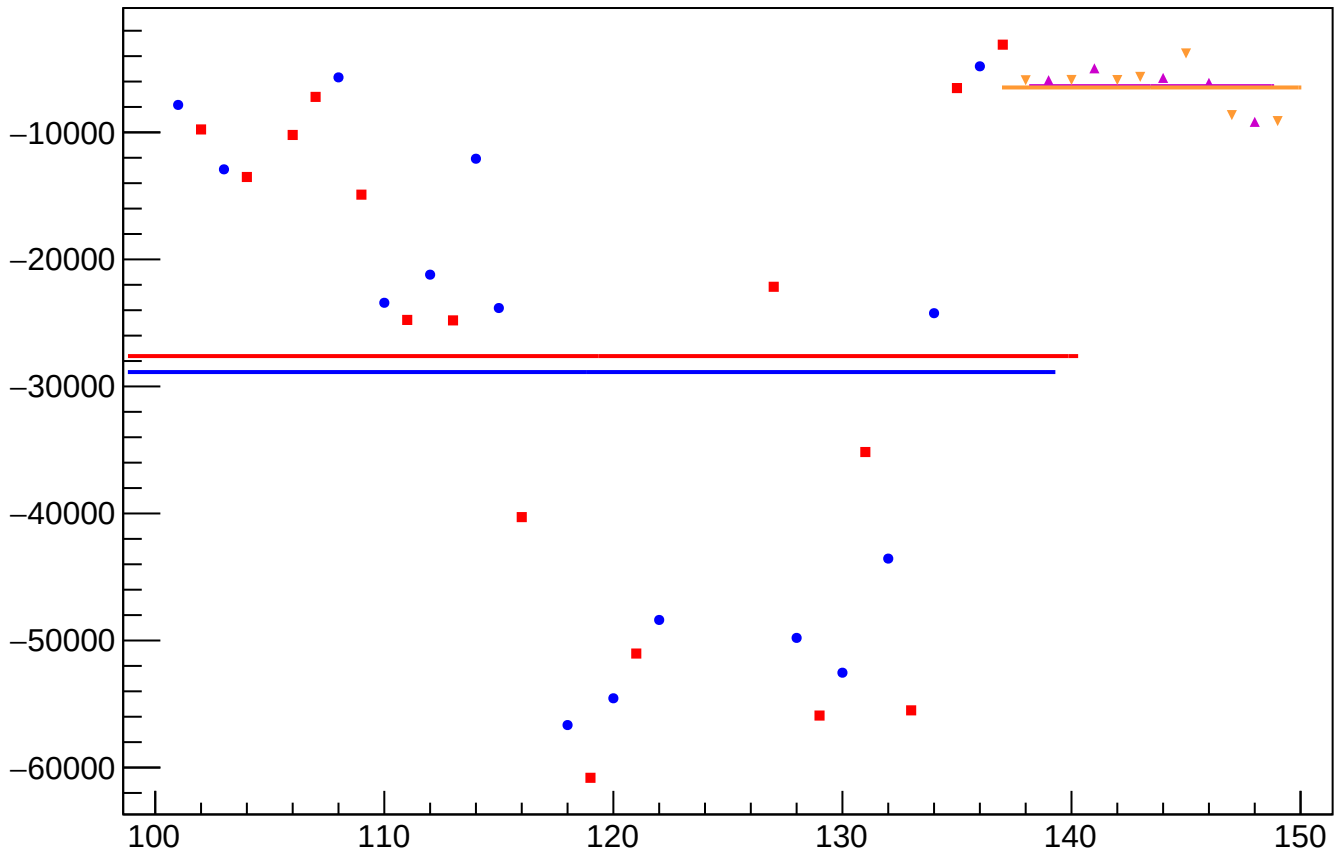
Left In: 836.740+/-0.000 χ^2/NDF : 15379849825307707864879982419982155776.0/4

dit_sam3_coil7_Ndata_mean vs Slug



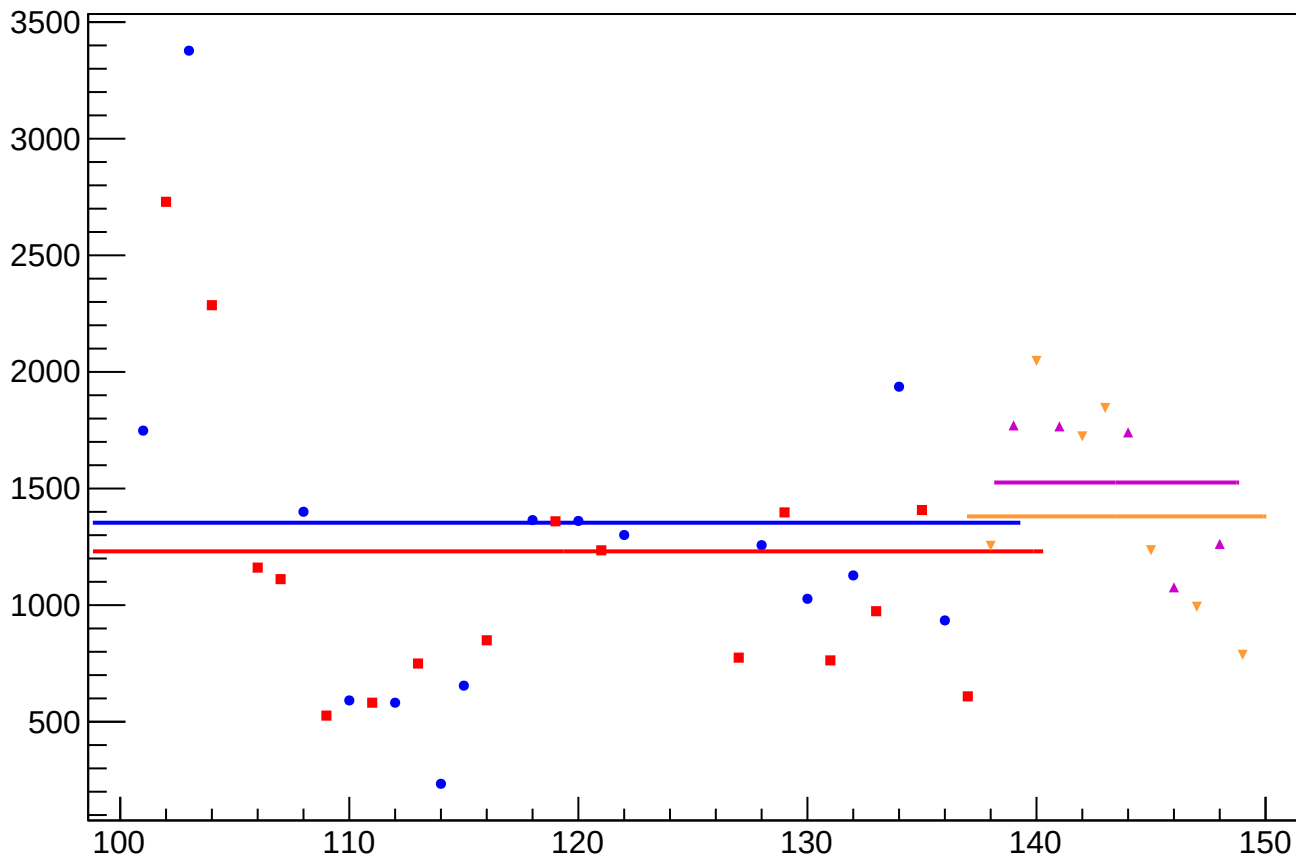
Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1110.045 +/- 0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6
 Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614 +/- 0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4
 All: 1045.304 +/- 0.000 χ^2/NDF : 16740287065
 + sign 1060.821 +/- 0.000 χ^2/NDF : 80706936661902
 - 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: -6466.088+/-0.000 χ^2/NDF : 1655170158599476574377435613053459628032.0/6
 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

Left Out: 1380.470+/-0.000 χ^2/NDF : 100574679098507653449709053351122960384.0/6

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

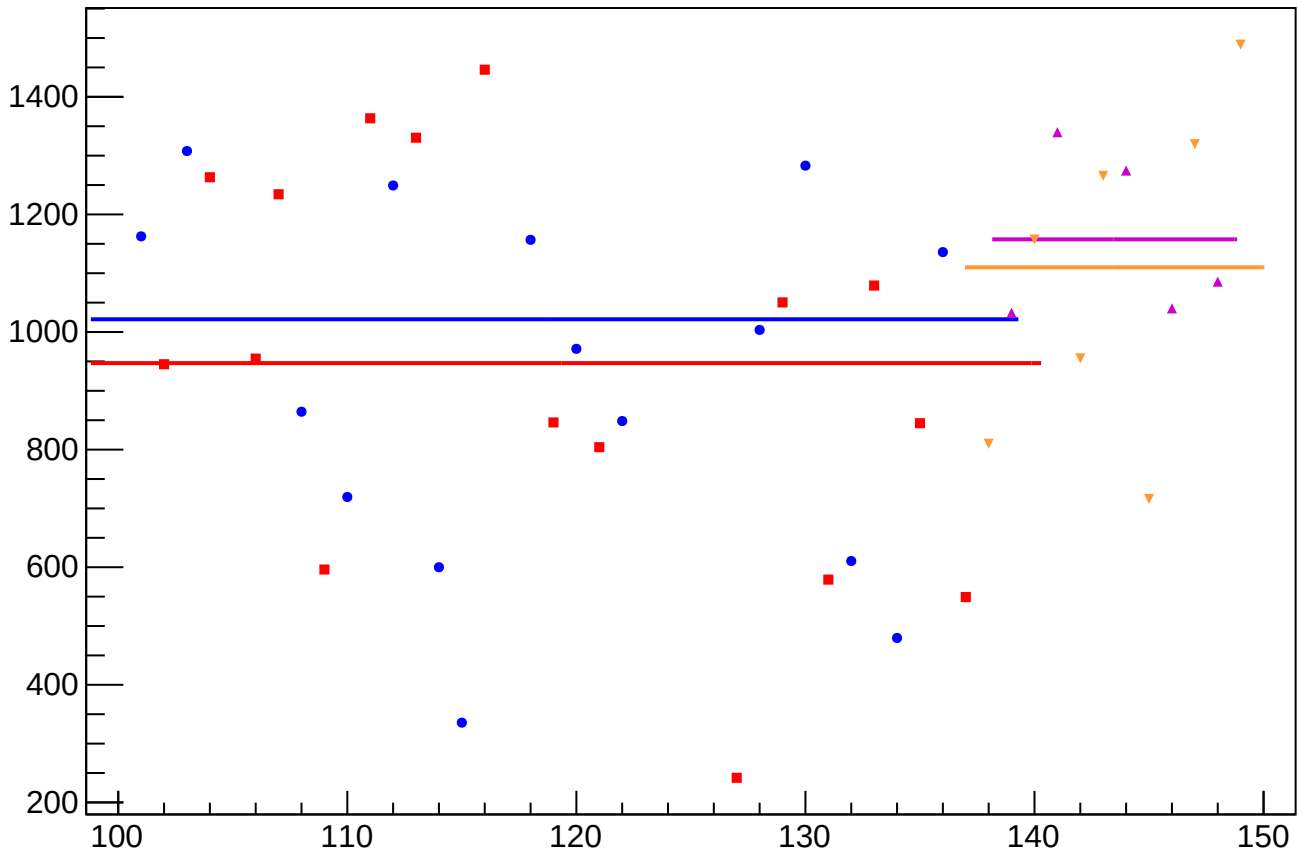
Left In: 1525.858+/-0.000 χ^2/NDF : 36482937597525802734495919524802461696.0/4

+ sign 1365.397+/-0.000 χ^2/NDF : 45367308996689

All: 1355.560+/-0.000 χ^2/NDF : 78990662600

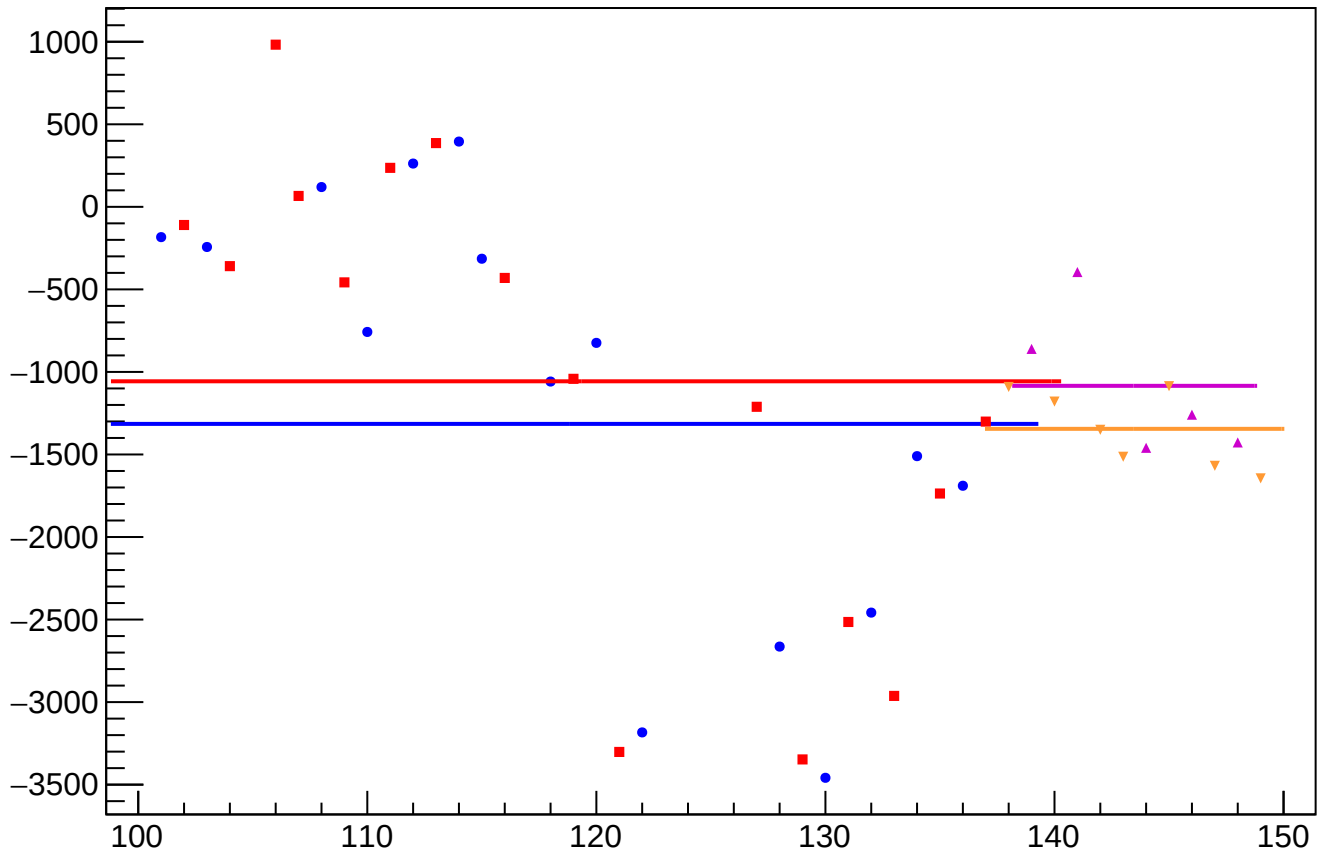
- sign 1345.036+/-0.000 χ^2/NDF : 33600018863834

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1060.821+/-0.000	χ^2/NDF : 80706936661902
Left Out: 1110.045+/-0.000	χ^2/NDF : 37969517906791985414992429206525181952.0/6	All: 1045.304+/-0.000	χ^2/NDF : 16740287065
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		

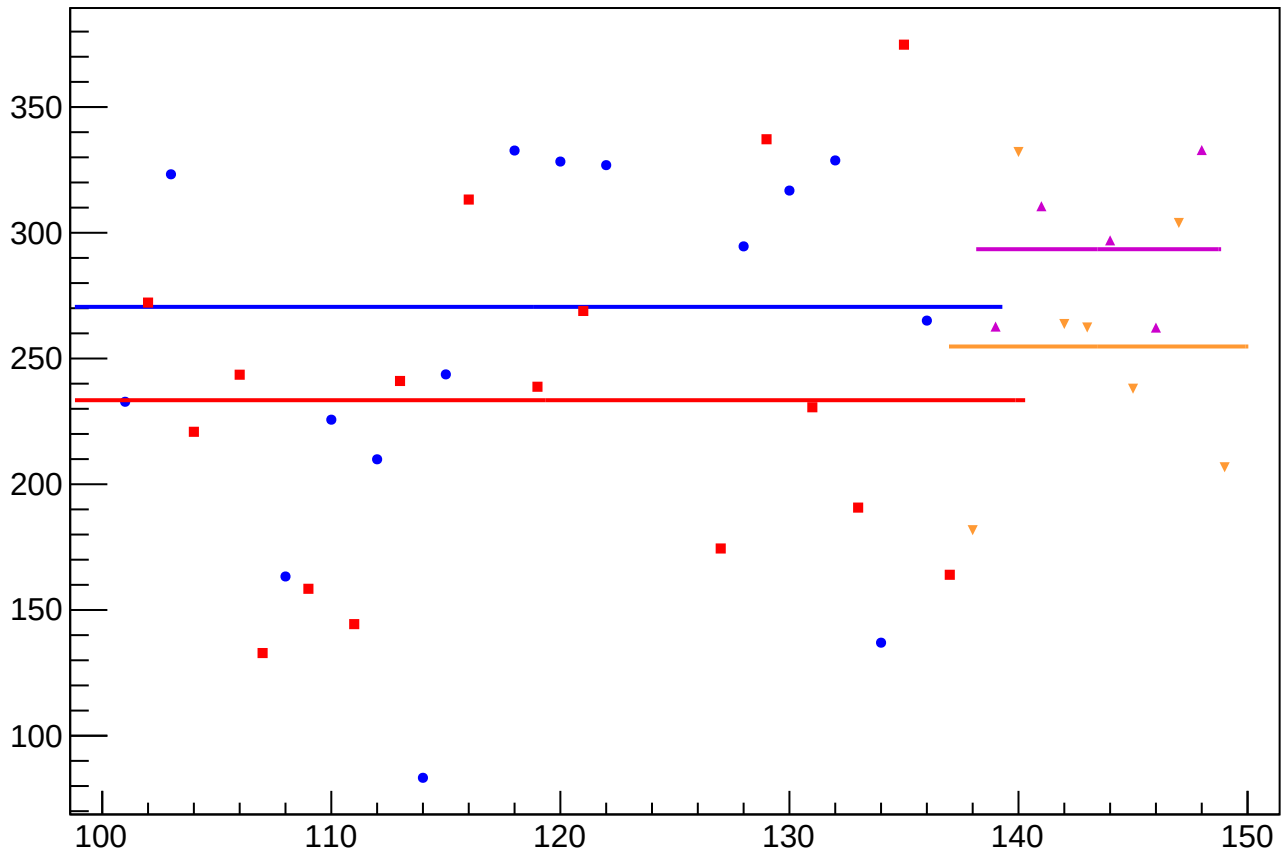
dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000	χ^2/NDF : 966082368518203481544021644405645508608.0/14
Left Out: -1344.738+/-0.000	χ^2/NDF : 26046544960235803891408404051996442624.0/6
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 -1328.050+/-0.000 χ^2/NDF : 9923868719809
 All: -1202.118+/-0.000 χ^2/NDF : 2227361861
 - sign -1067.397+/-0.000 χ^2/NDF : 11967344360677

dit_sam5_coil7_err_mean vs Slug



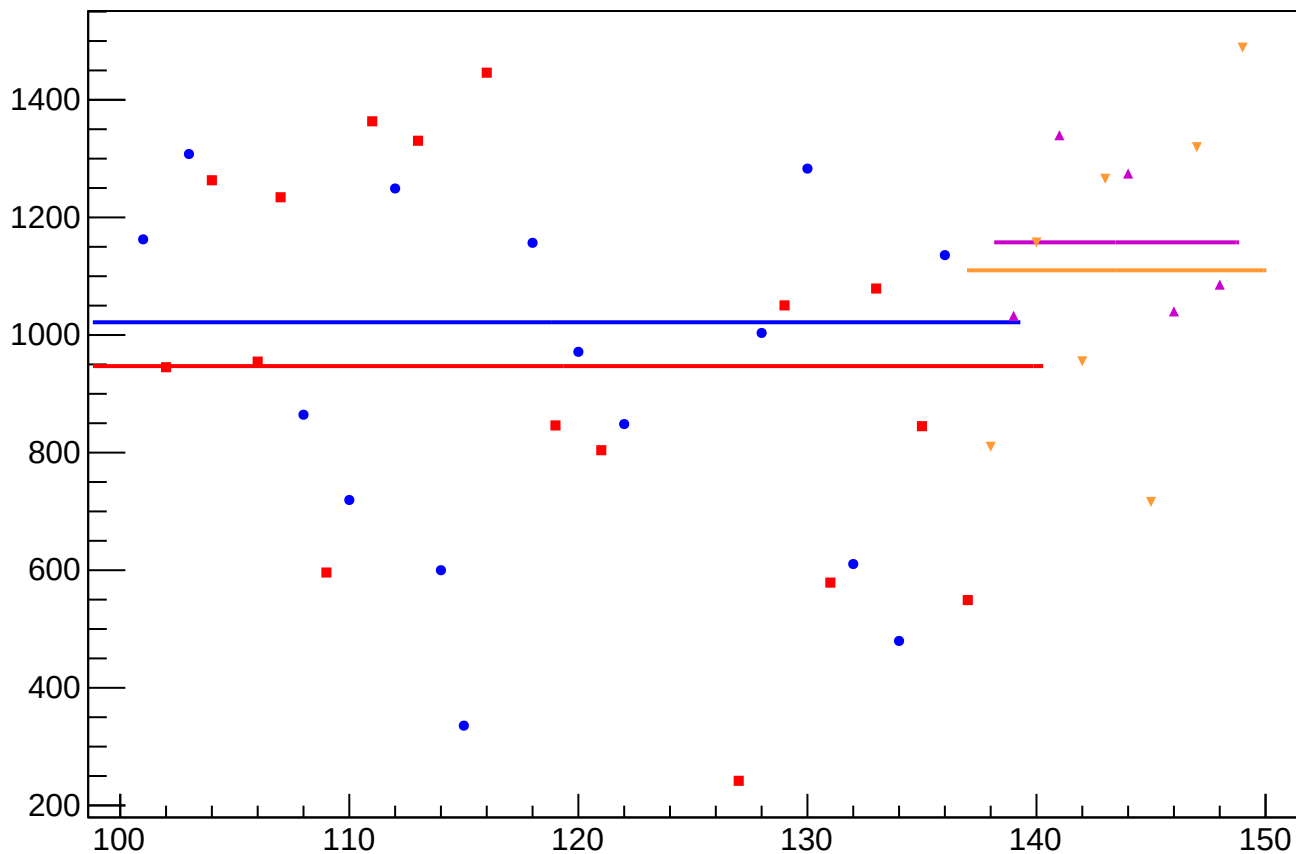
Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 254.779+/-0.000	χ^2/NDF : 1319099158222270735118568843078795264.0/6
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 293.468+/-0.000	χ^2/NDF : 313863591105502705859527010485796864.0/4

+ sign 263.558+/-0.000 χ^2/NDF : 386433056447438

All: 260.240+/-0.000 χ^2/NDF : 81852251265

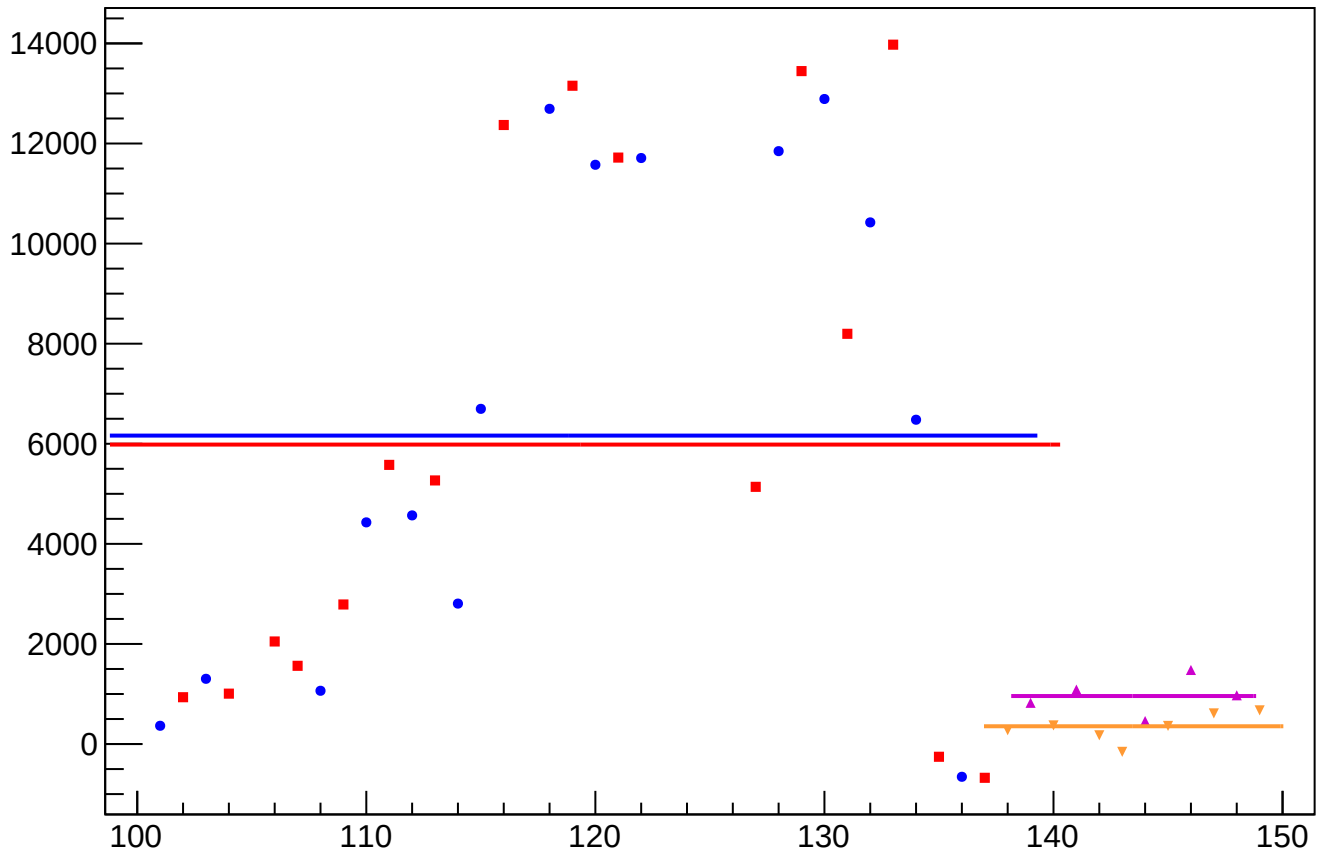
- sign 256.690+/-0.000 χ^2/NDF : 429434370440204

dit_sam5_coil7_Ndata_mean vs Slug



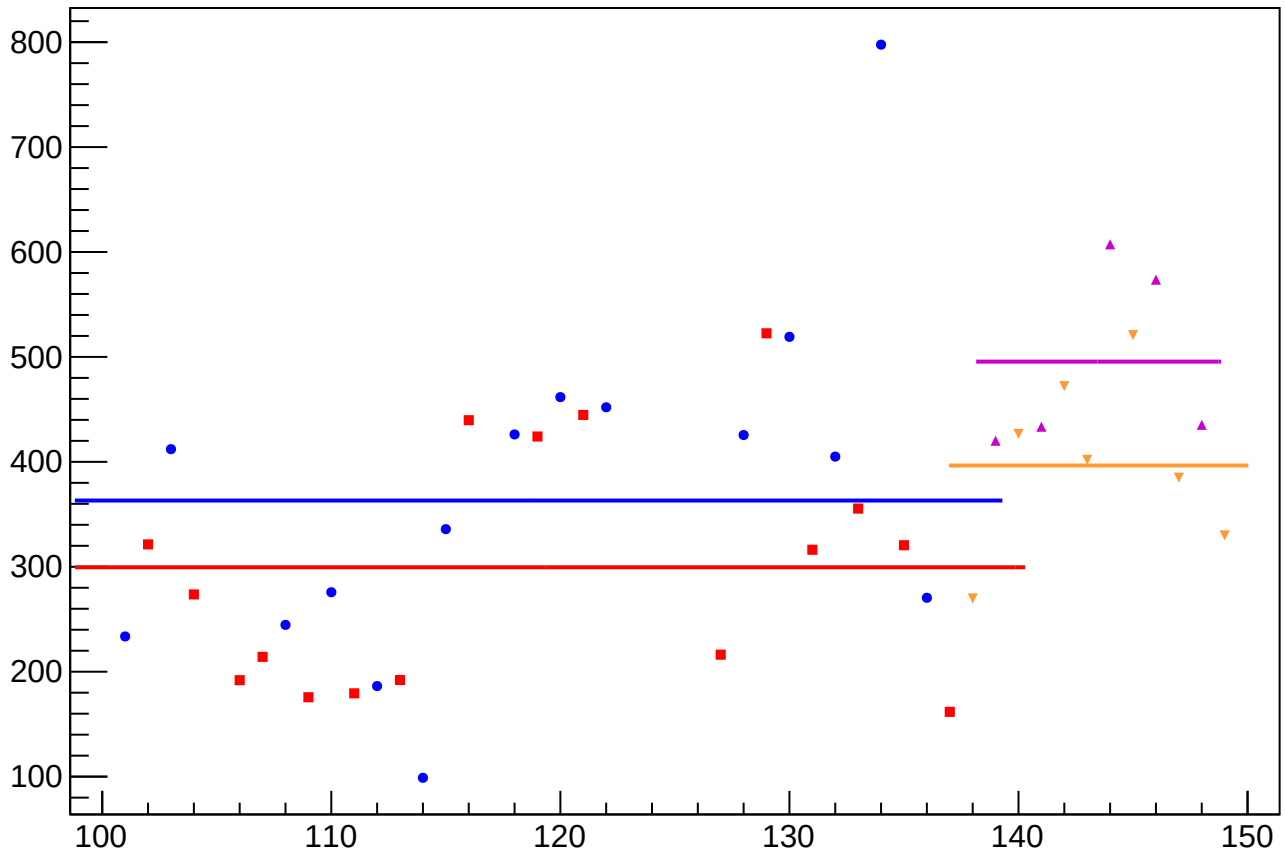
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 355.150+/-0.000 χ^2/NDF : 33171452425525960563137362110904795136.0/6
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 959.326+/-0.000 χ^2/NDF : 47660324877967094263957316549298094080.0/4
 All: 3806.306+/-0.000 χ^2/NDF : 52121597880.0/14
 + sign 3590.844+/-0.000 χ^2/NDF : 27931429196217.0/14
 - sign 4036.805+/-0.000 χ^2/NDF : 24078226212559.0/14

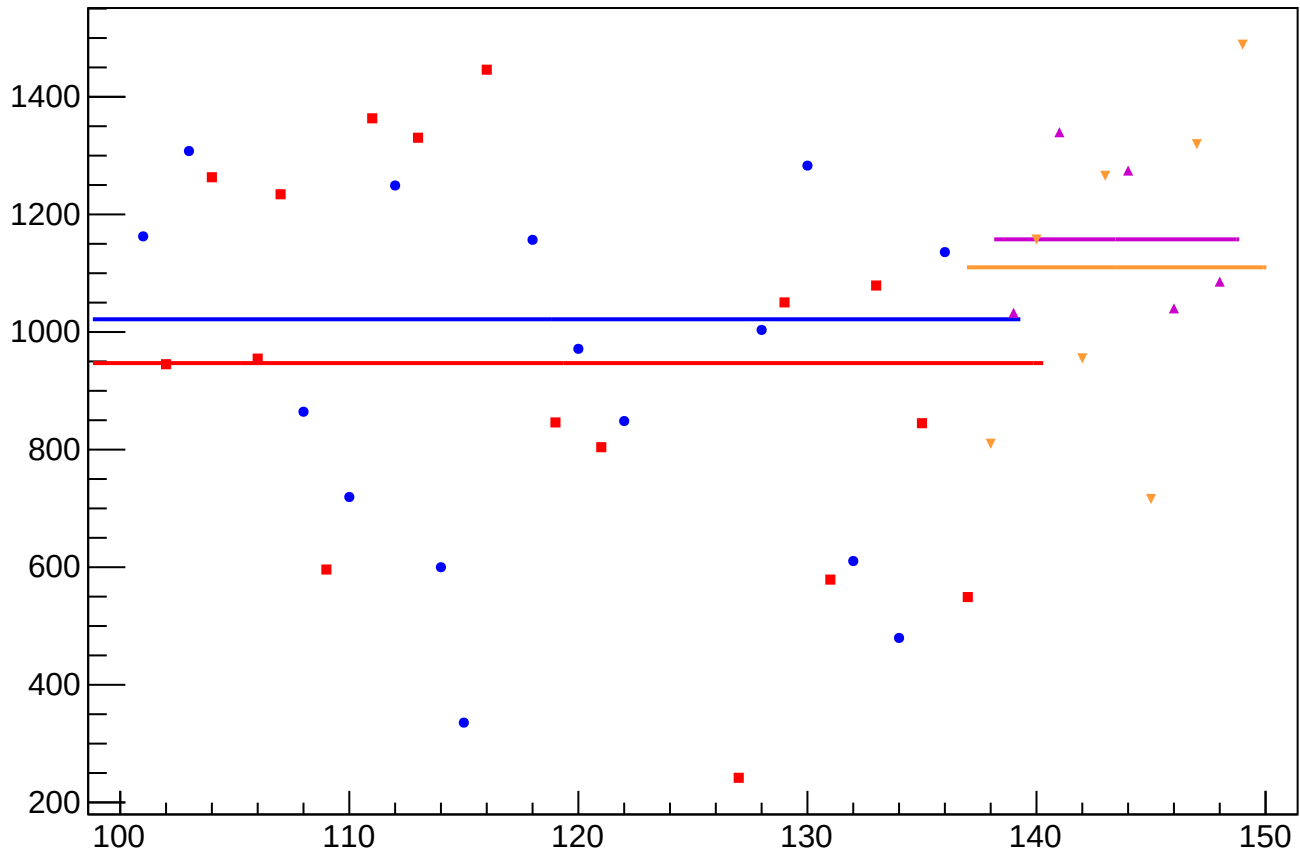
dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000	χ^2/NDF : 11502791697076456426435998277995331584.0/14
Left Out: 396.516+/-0.000	χ^2/NDF : 3225330271018950598709776465979768832.0/6
Right Out: 299.514+/-0.000	χ^2/NDF : 7685497318744225218354652828984672256.0/15
Left In: 495.526+/-0.000	χ^2/NDF : 2710985866785603175441758747124301824.0/4

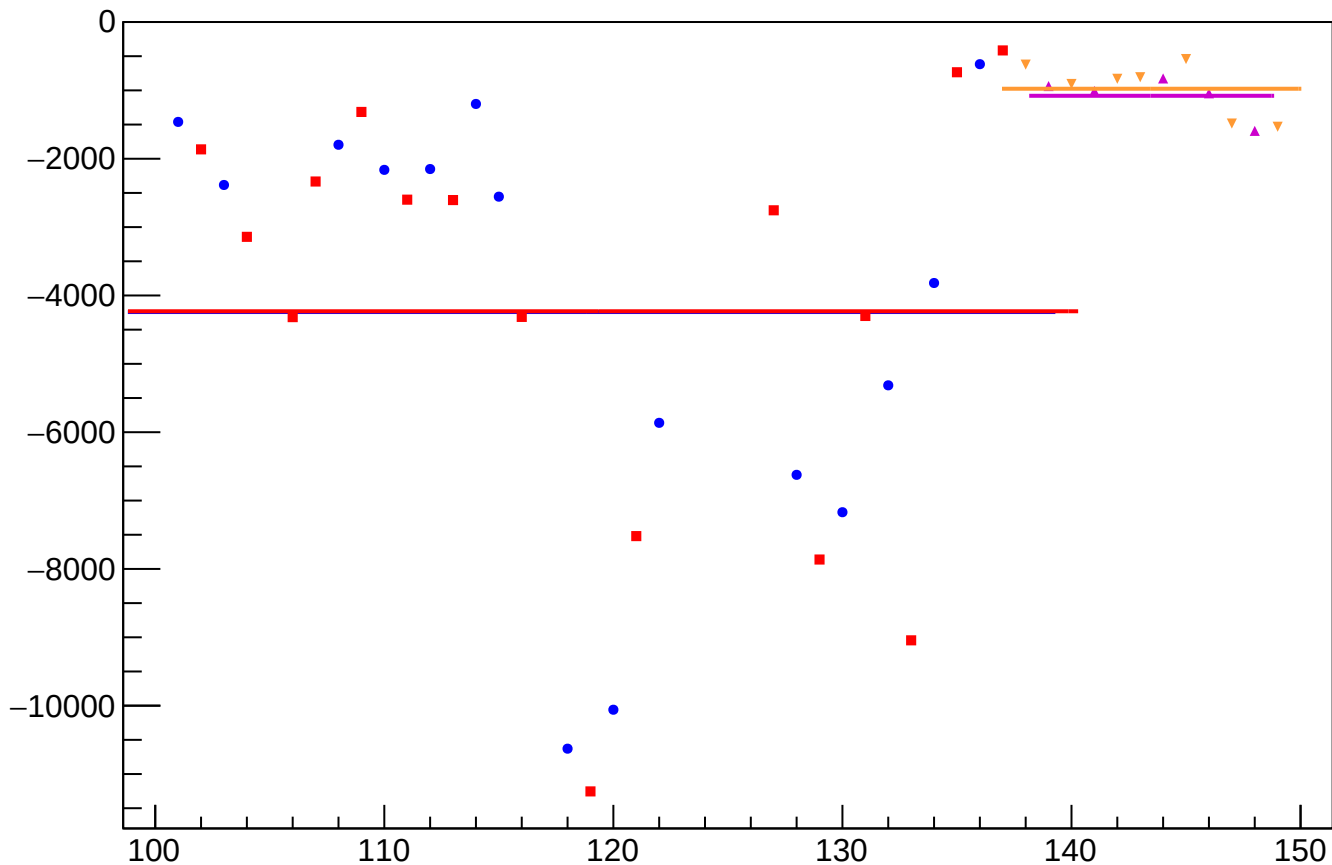
+ sign 377.919+/-0.000 χ^2/NDF : 150484616639995
 All: 376.736+/-0.000 χ^2/NDF : 353789037460
 - sign 375.471+/-0.000 χ^2/NDF : 203270694879184

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6
 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_sam7_coil7_mean vs Slug



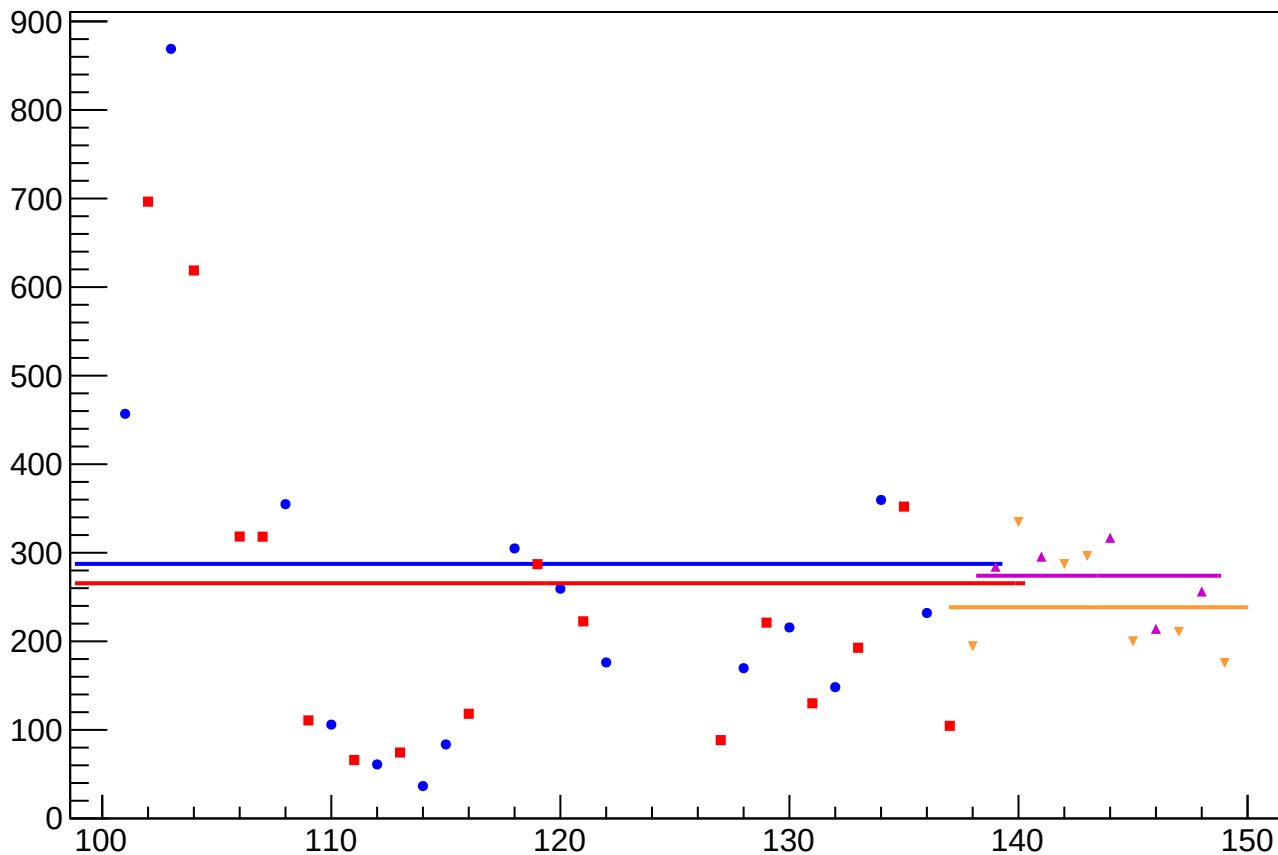
Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14

Left Out: -975.984+/-0.000 χ^2/NDF : 74427071120398912391090736576161906688.0/6

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: 238.476+/-0.000 χ^2/NDF : 1756484915224689944073648464866574336.0/6

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

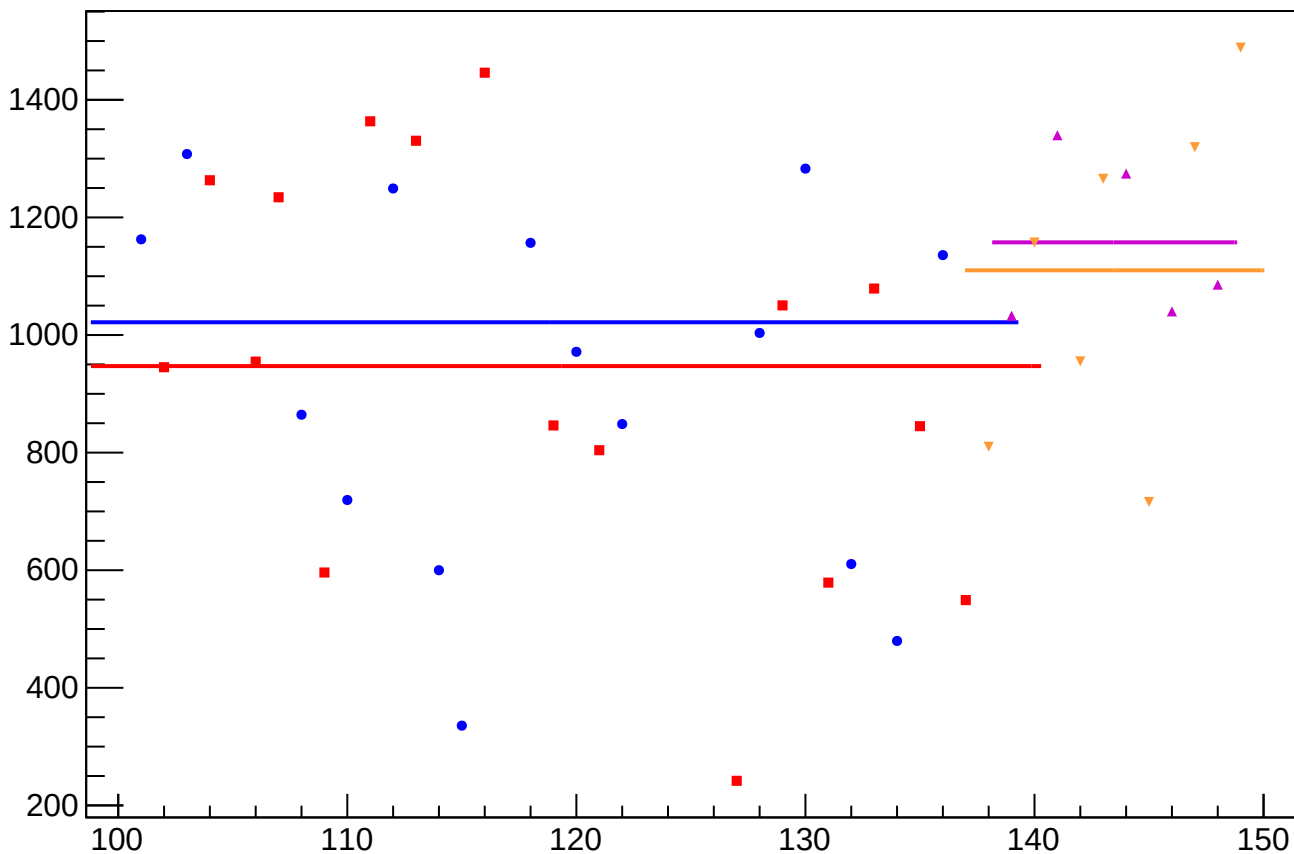
Left In: 274.096+/-0.000 χ^2/NDF : 536430674983043484216633355533287424.0/4

+ sign 265.764+/-0.000 χ^2/NDF : 319632345082874

All: 267.273+/-0.000 χ^2/NDF : 58367112262

- sign 268.888+/-0.000 χ^2/NDF : 263983845831027

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

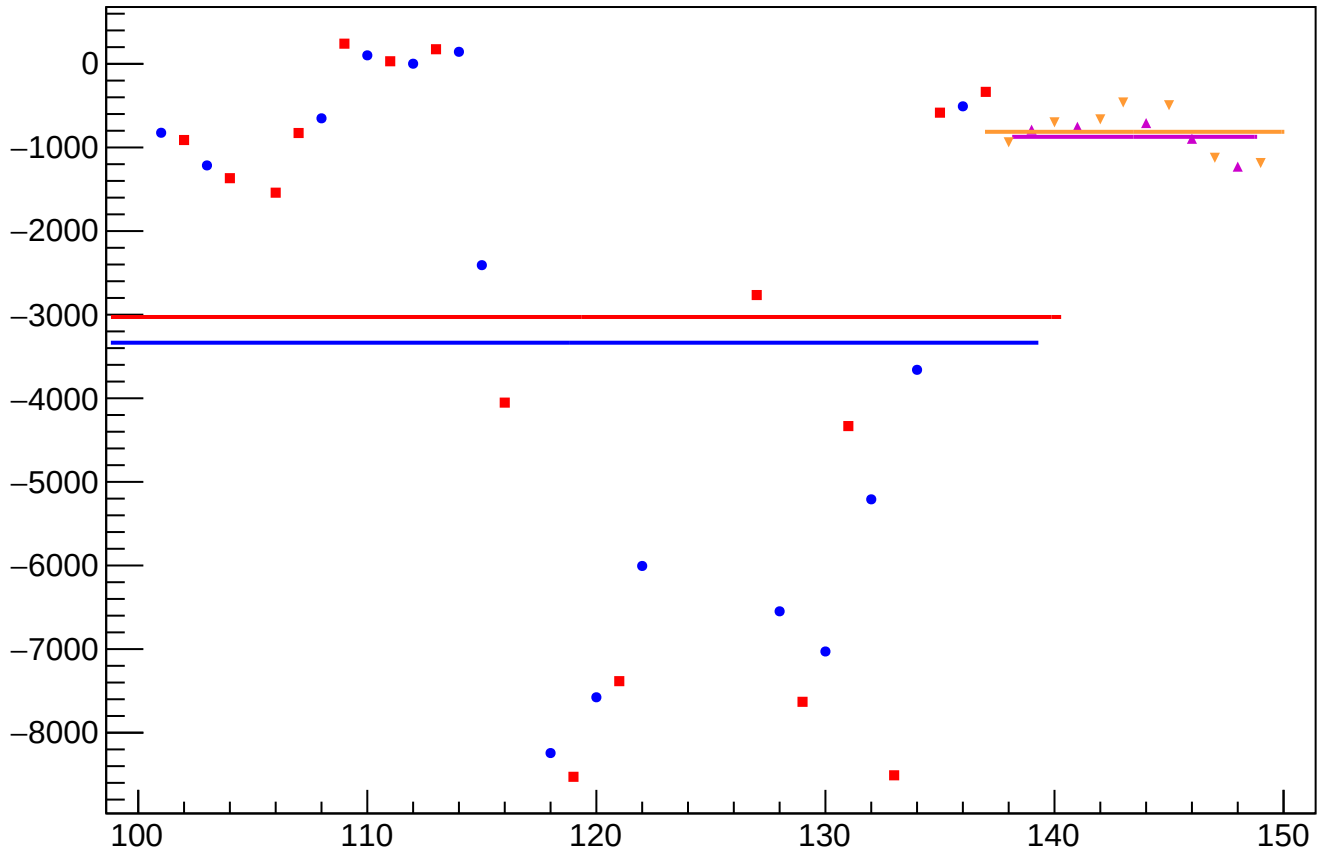
Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1060.821+/-0.000 χ^2/NDF : 80706936661902

All: 1045.304+/-0.000 χ^2/NDF : 16740287065

- 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

+ sign -2217.941+/-0.000 χ^2/NDF : 8206370750066

Left Out: -812.615+/-0.000 χ^2/NDF : 38983442010270660084179563106885697536.0/6

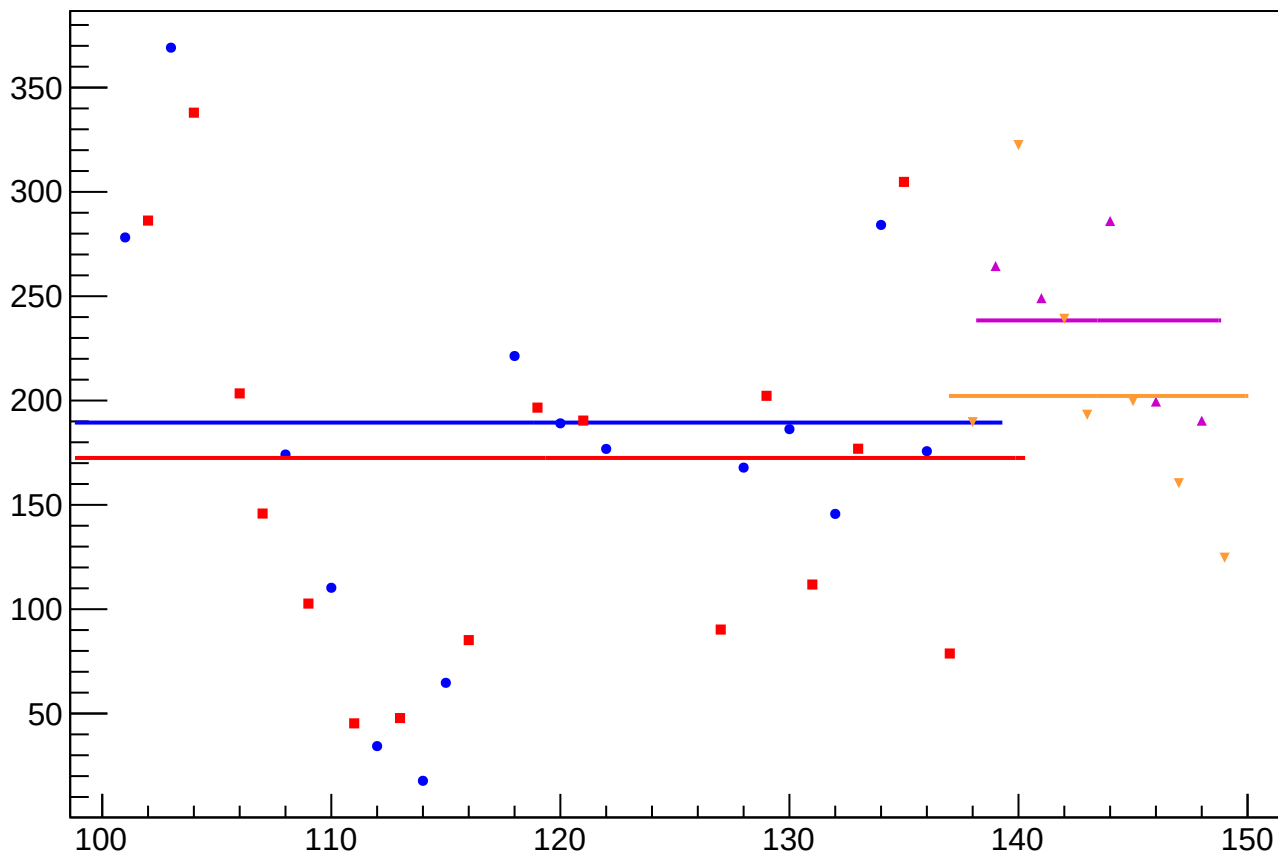
All: -2205.687+/-0.000 χ^2/NDF : 1650802388

Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15

- sign -2192.578+/-0.000 χ^2/NDF : 83012910683902

Left In: -872.765+/-0.000 χ^2/NDF : 14972353557064695163253954912540688384.0/4

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14

+ sign 195.093 $\pm$ 0.000 χ^2 /NDF: 666156653263350

Left Out: 202.201 $\pm$ 0.000 χ^2 /NDF: 1907537266343299780030206852607246336.0/6

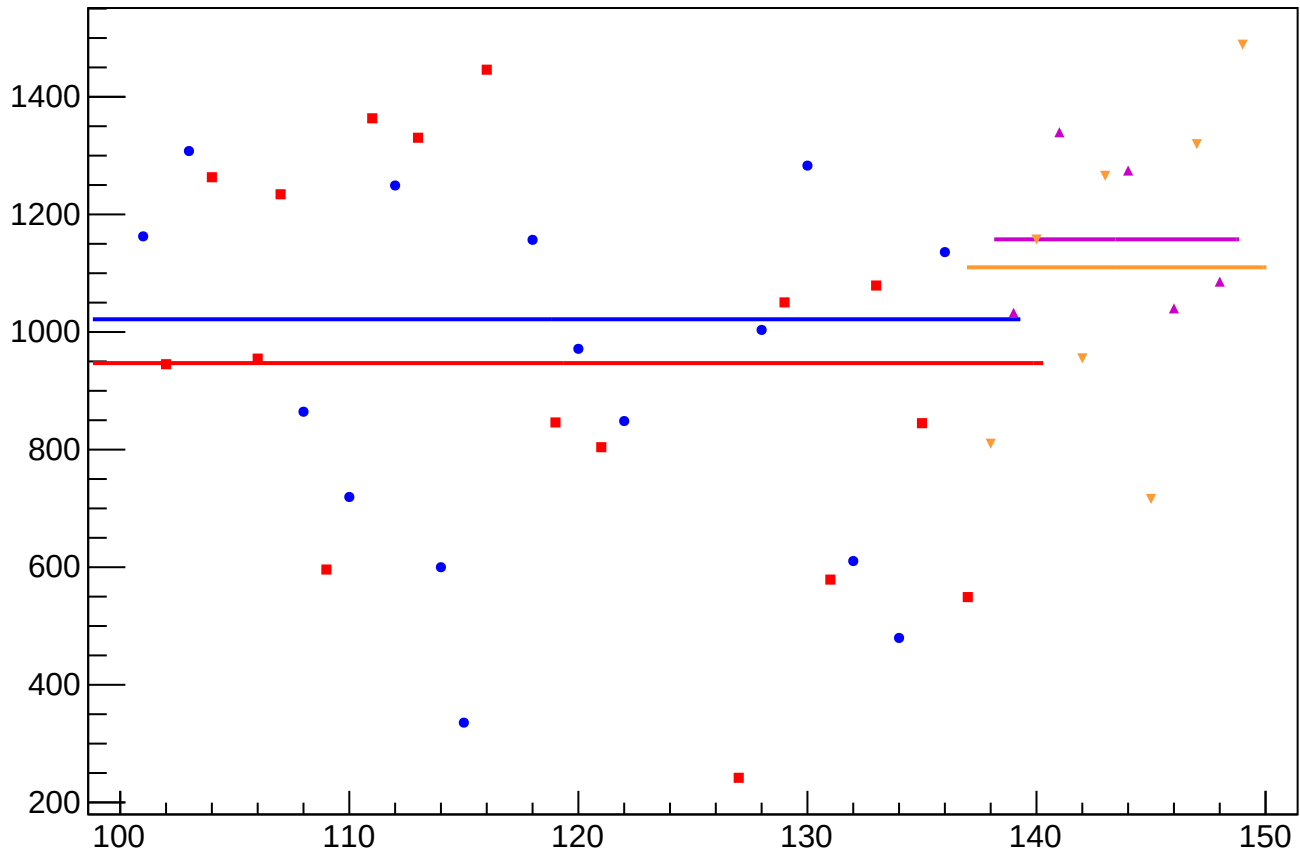
All: 196.511 $\pm$ 0.000 χ^2 /NDF: 139703079057

Right Out: 172.485 $\pm$ 0.000 χ^2 /NDF: 5594813408996728261938711470404534272.0/15

- sign 198.028 $\pm$ 0.000 χ^2 /NDF: 730389340693973

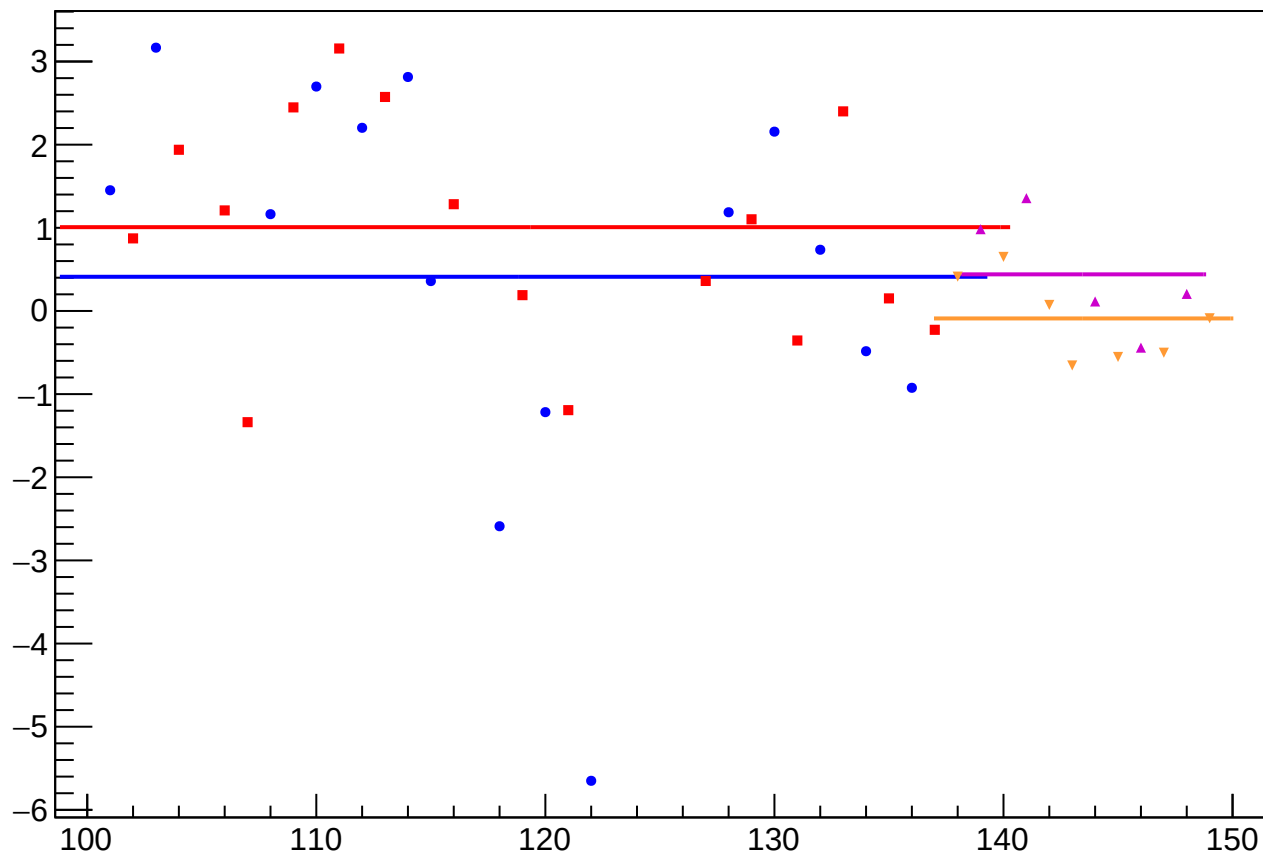
Left In: 238.400 $\pm$ 0.000 χ^2 /NDF: 586081774505361071889358926748057600.0/4

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1110.045+/-0.000 χ^2/NDF : 37969517906791985414992429206525181952.0/6
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

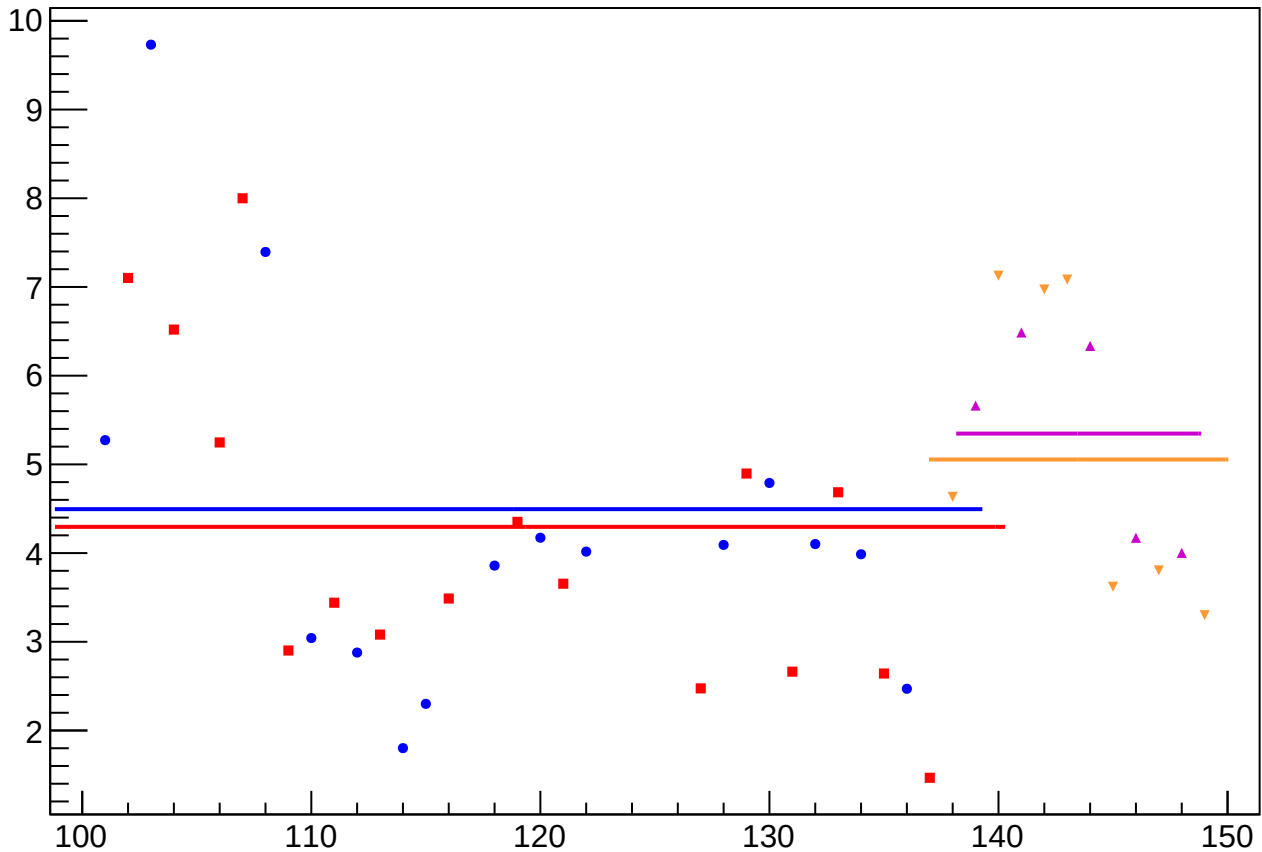
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: -0.090+/-0.000	χ^2/NDF : 117887272999315316173601379450880.0/6
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 0.189+/-0.000 χ^2/NDF : 35756459206983151
 All: 0.478+/-0.000 χ^2/NDF : 5162904046358
 - sign 0.788+/-0.000 χ^2/NDF : 13855169935499023

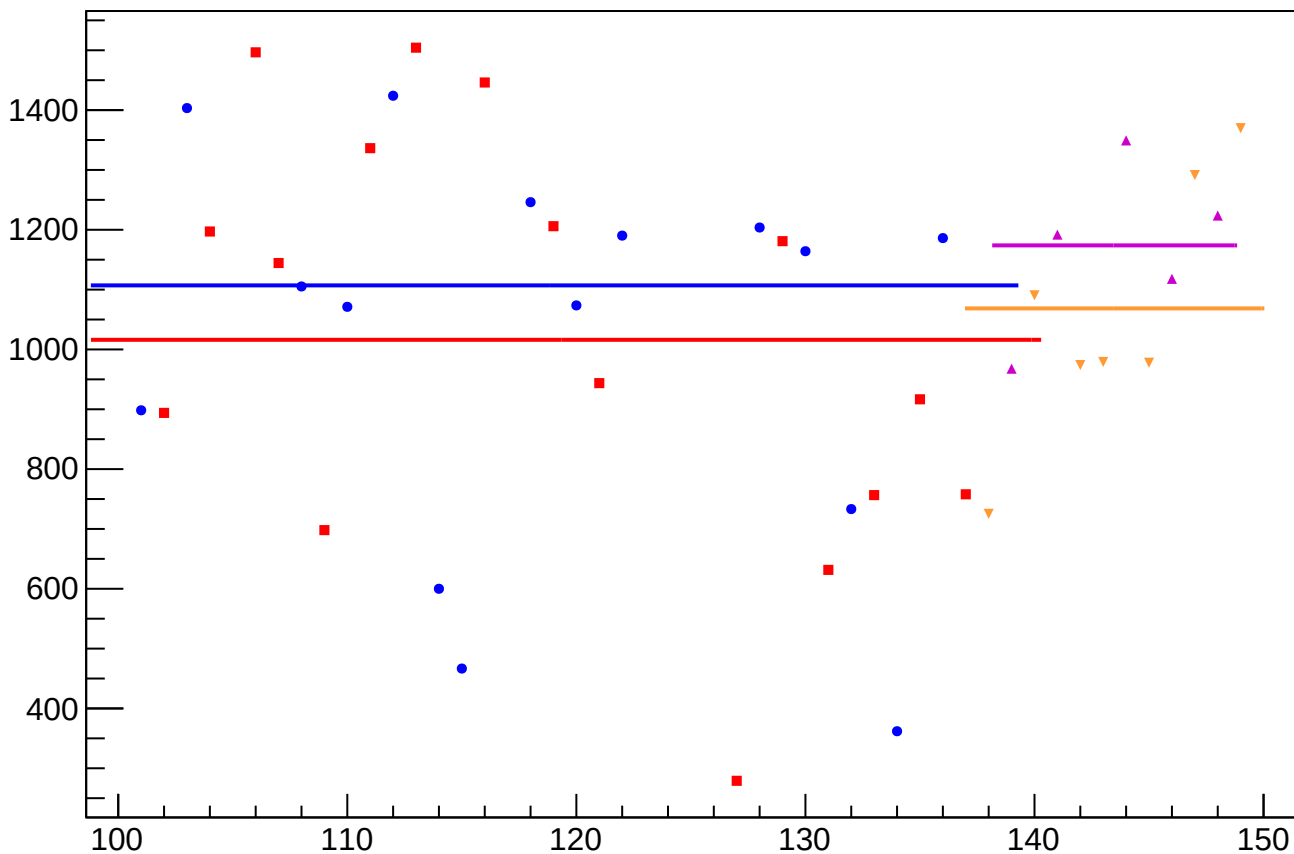
dit_4aX_coil4_err_mean vs Slug



Right In: 4.495 ± 0.000 $\chi^2/\text{NDF}: 2742240072441097531500728791597056.0/14$
 Left Out: 5.055 ± 0.000 $\chi^2/\text{NDF}: 1357692134092038324085993641082880.0/6$
 Right Out: 4.296 ± 0.000 $\chi^2/\text{NDF}: 2011925707062051890381007475441664.0/15$
 Left In: 5.347 ± 0.000 $\chi^2/\text{NDF}: 471907404977129999876676768497664.0/4$

+ sign 4.743 ± 0.000 $\chi^2/\text{NDF}: 41900260760259474$
 All: 4.724 ± 0.000 $\chi^2/\text{NDF}: 69605657626437$
 - sign 4.703 ± 0.000 $\chi^2/\text{NDF}: 27696357029617283$

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

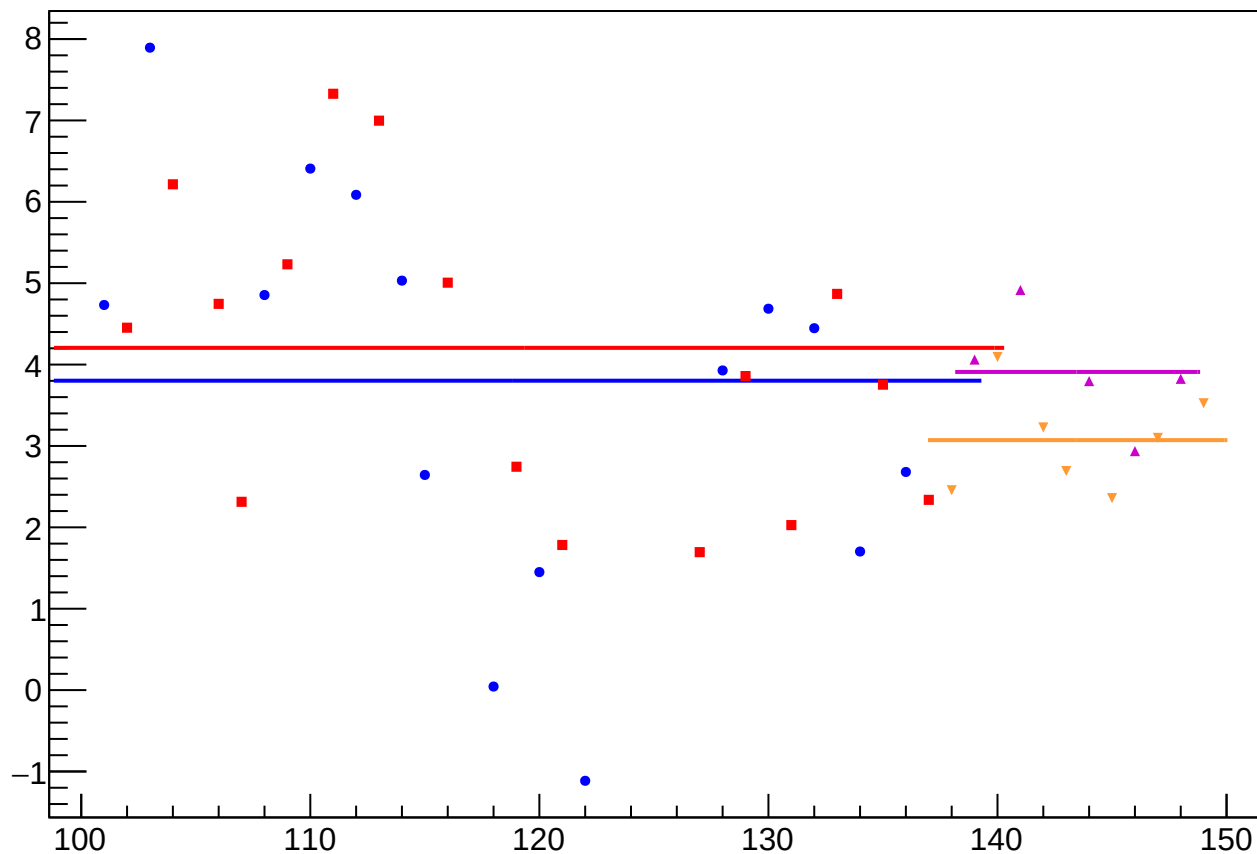
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

+ sign 1090.008+/-0.000 χ^2/NDF : 63402818764483

All: 1083.846+/-0.000 χ^2/NDF : 14917312817

- sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

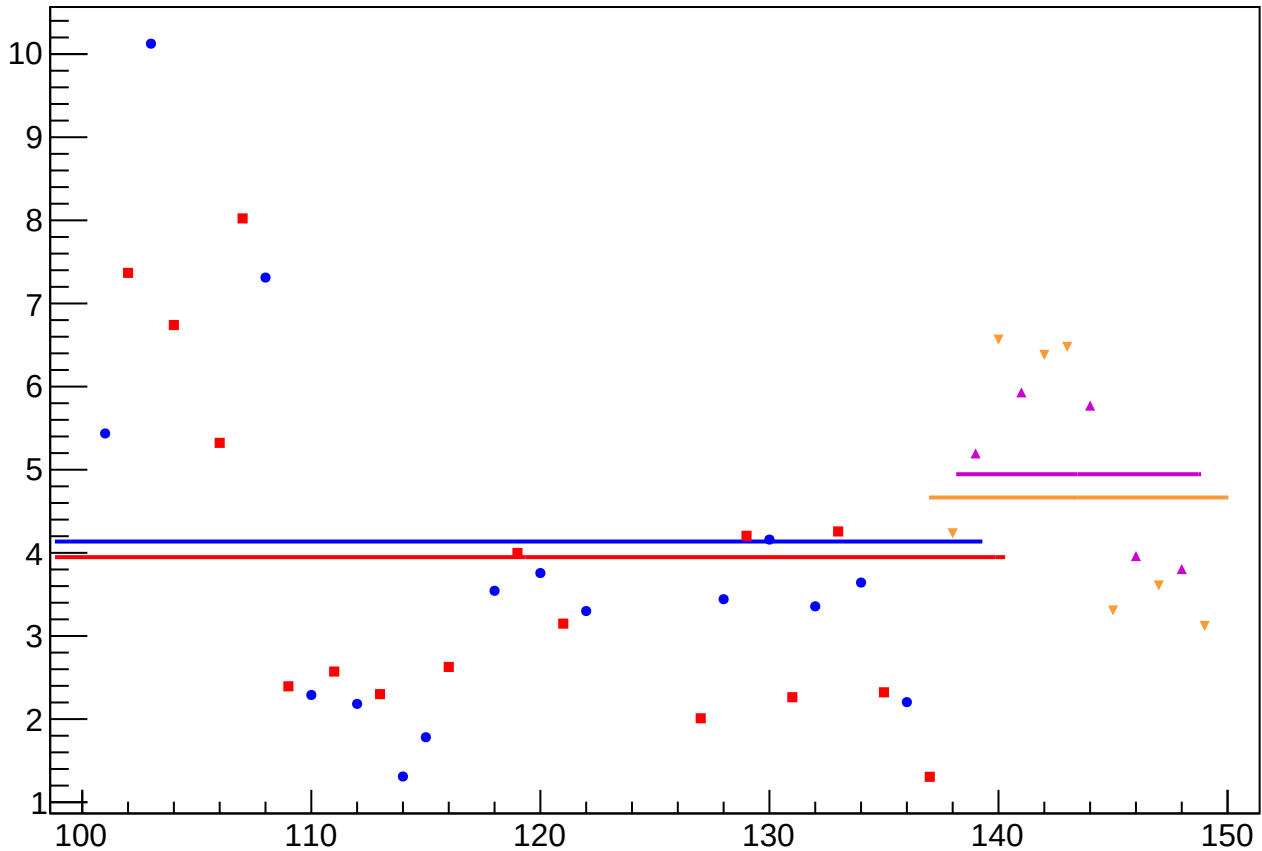
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.072+/-0.000	χ^2/NDF : 184394208622438255670189656899584.0/6
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.910+/-0.000	χ^2/NDF : 168283581529725741267619841835008.0/4

+ sign 3.478+/-0.000 χ^2/NDF : 41332239493950956
 All: 3.774+/-0.000 χ^2/NDF : 66317503027011
 - sign 4.091+/-0.000 χ^2/NDF : 22873808018110268

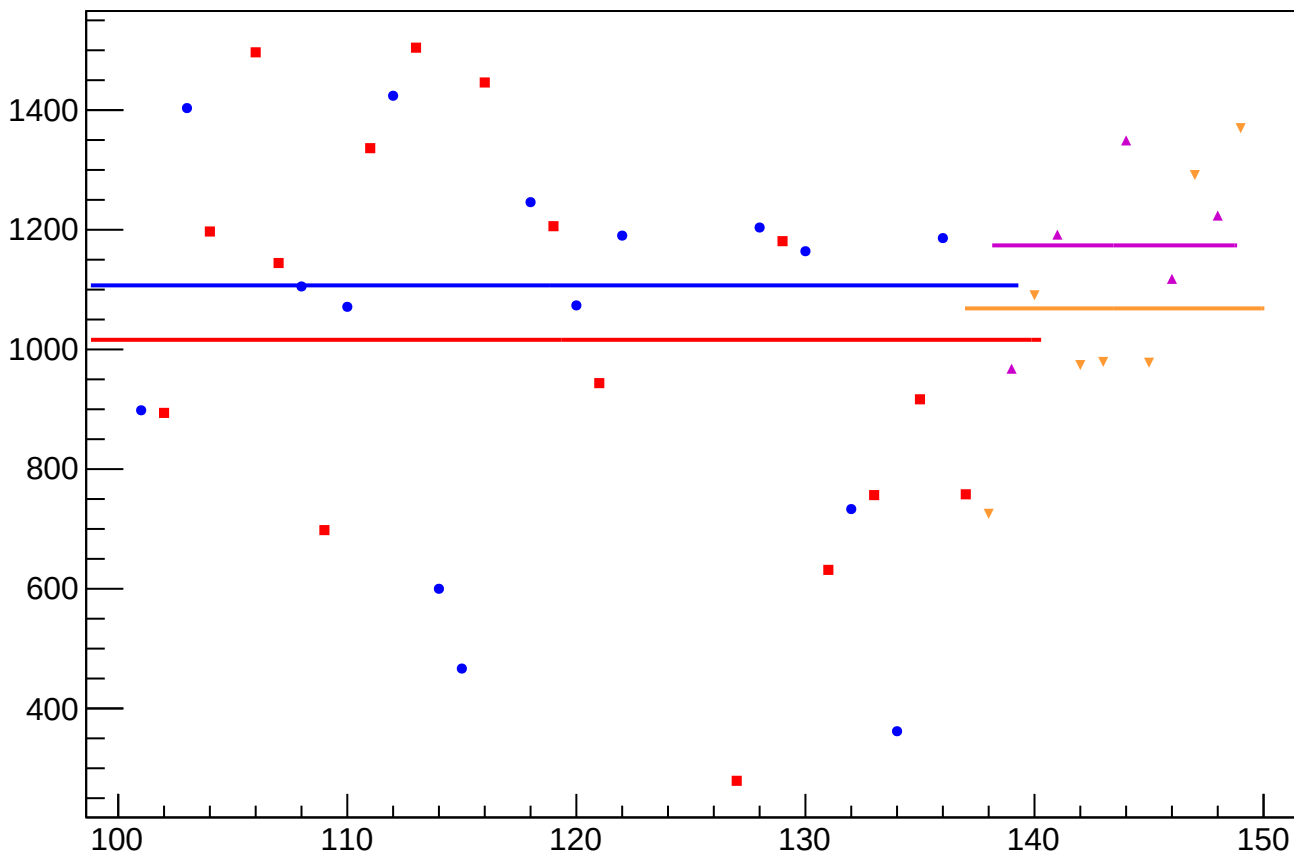
dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000	χ^2/NDF : 3507600624388663919898505496231936.0/14
Left Out: 4.666+/-0.000	χ^2/NDF : 1103303027211914870601061639389184.0/6
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 4.371+/-0.000 χ^2/NDF : 46915109674921934
 All: 4.354+/-0.000 χ^2/NDF : 7957465336809
 - sign 4.335+/-0.000 χ^2/NDF : 32652225136782071

dit_4eX_coil4_Ndata_mean vs Slug



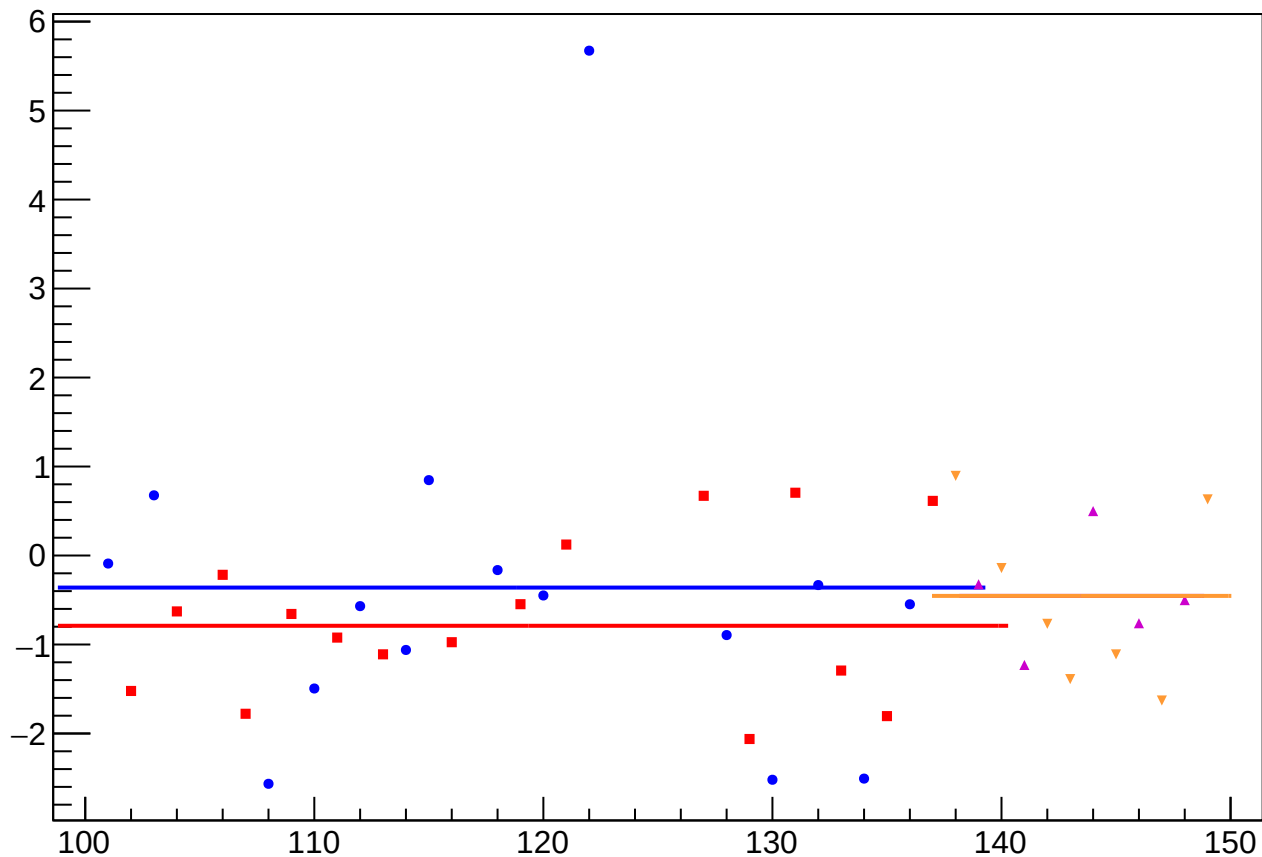
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

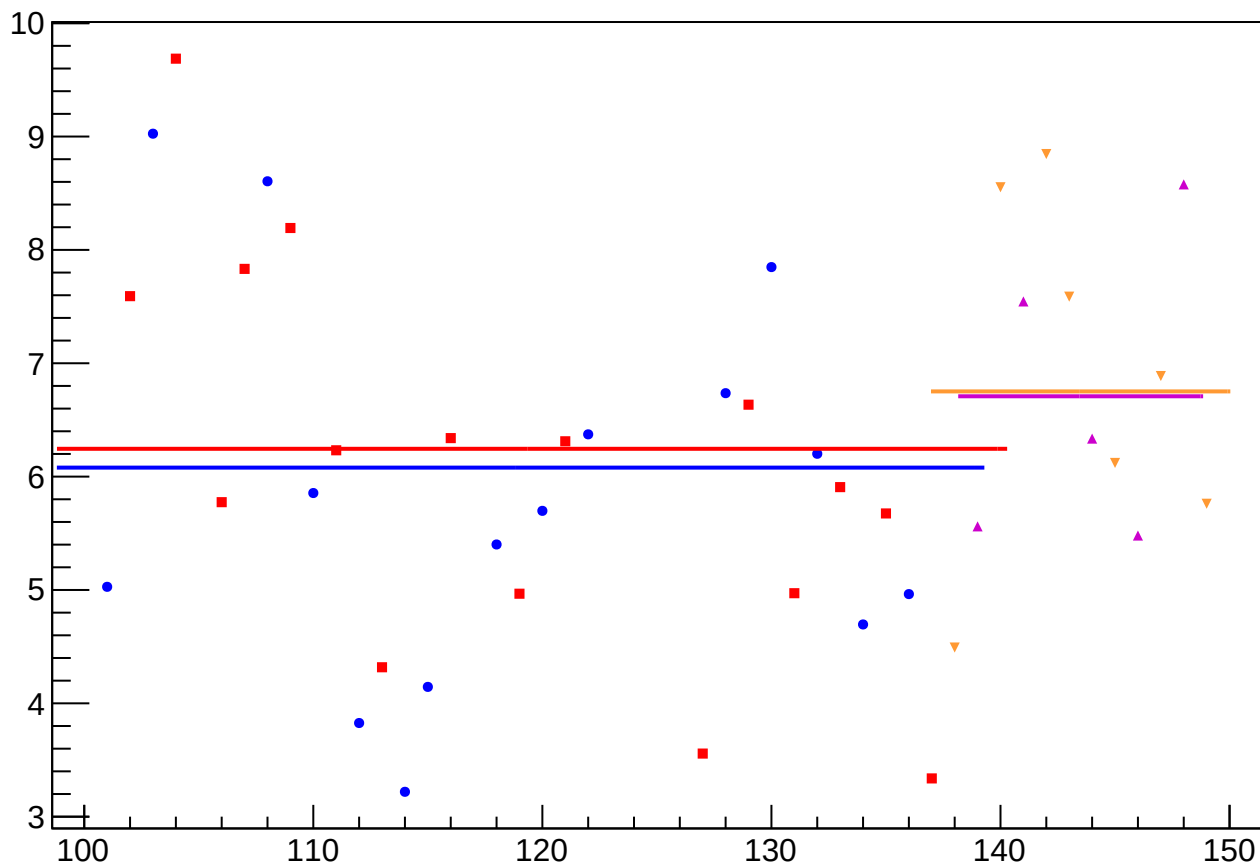
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_11X12X_coil4_mean vs Slug



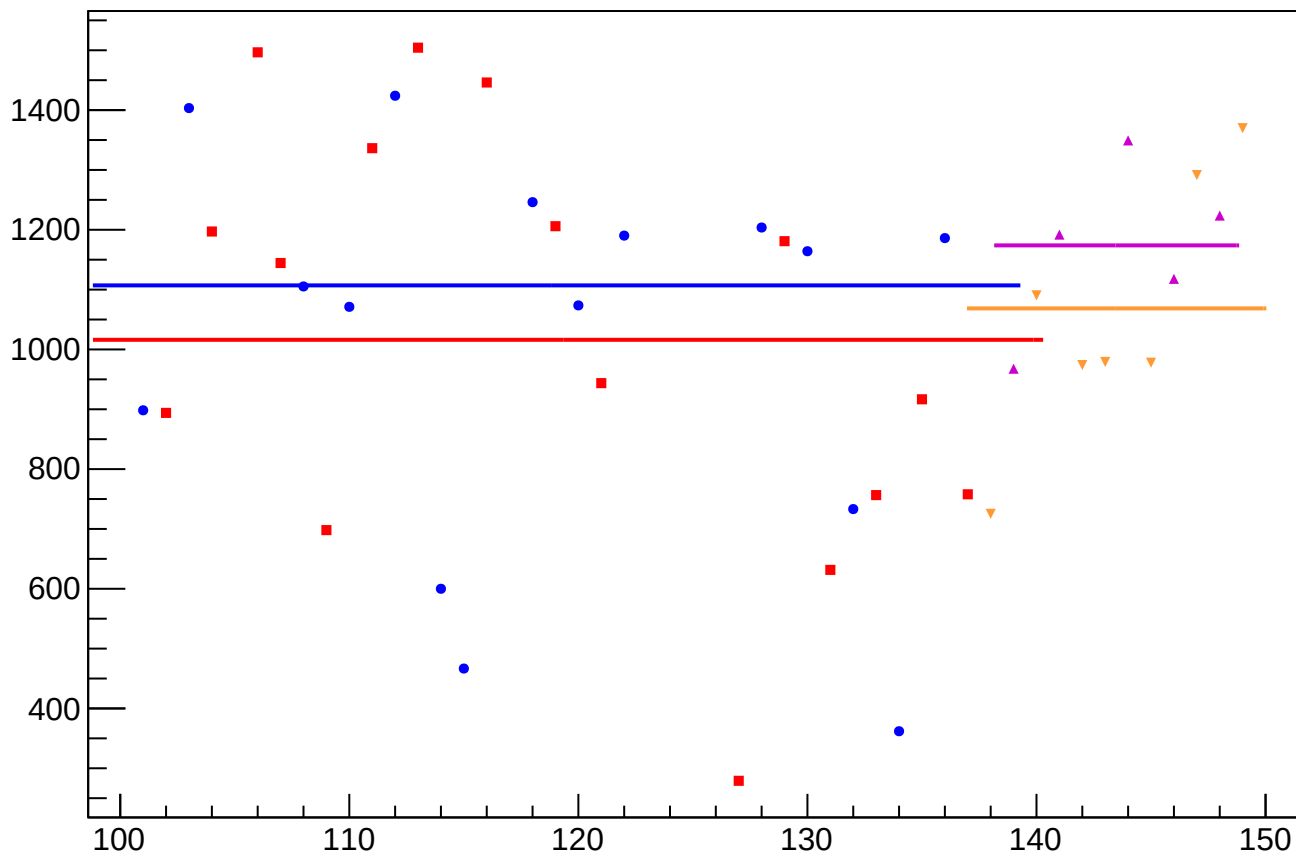
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: -0.454+/-0.000 χ^2/NDF : 454633462417036847070961190567936.0/6
 Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: -0.454+/-0.000 χ^2/NDF : 141418697544347482647738525417472.0/4

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079 ± 0.000 $\chi^2/\text{NDF}: 1590295171022705157509900448825344.0/14$
 Left Out: 6.752 ± 0.000 $\chi^2/\text{NDF}: 1028847657123132728375072448839680.0/6$
 Right Out: 6.245 ± 0.000 $\chi^2/\text{NDF}: 1816529163105006938510976985595904.0/15$
 Left In: 6.709 ± 0.000 $\chi^2/\text{NDF}: 597318275178902084773686655582208.0/4$

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

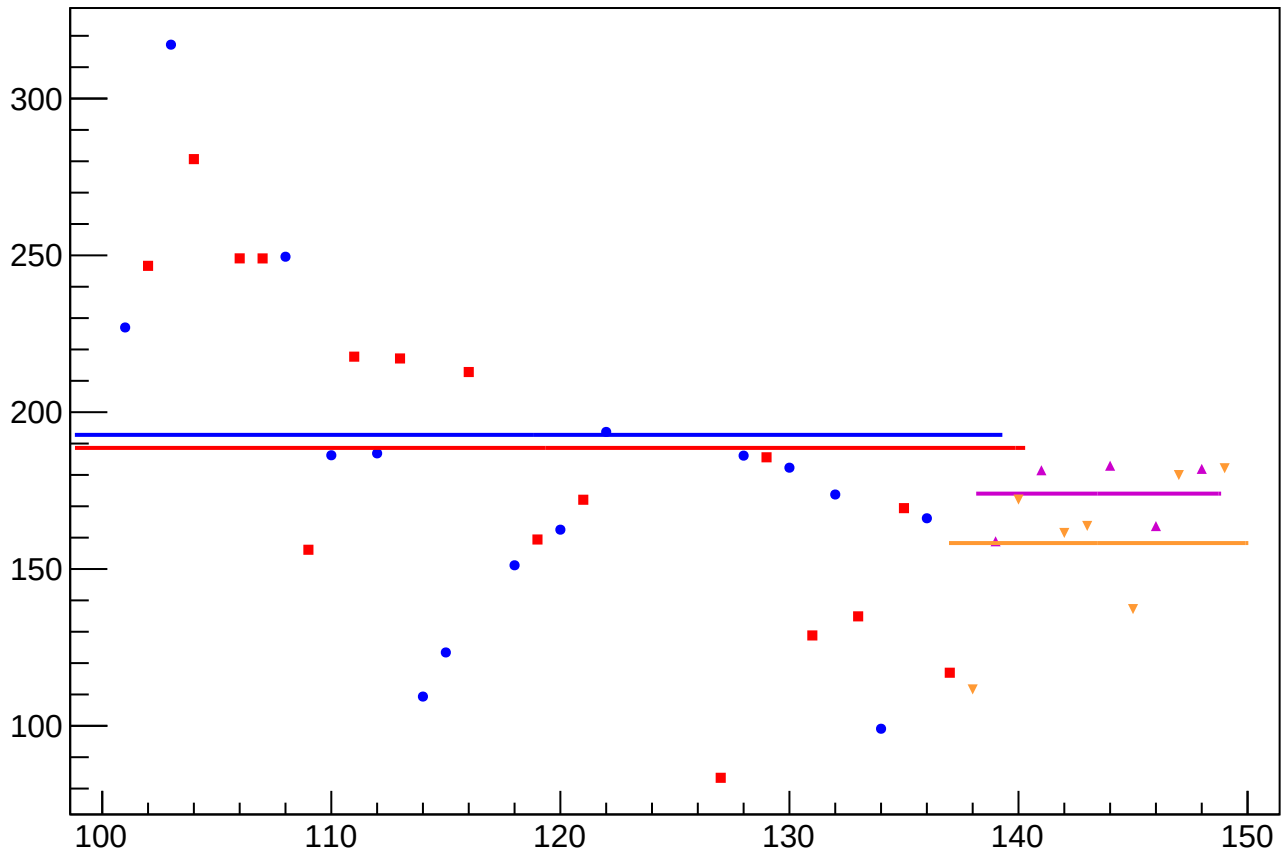
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

+ sign 1090.008+/-0.000 χ^2/NDF : 63402818764483

All: 1083.846+/-0.000 χ^2/NDF : 14917312817

- sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

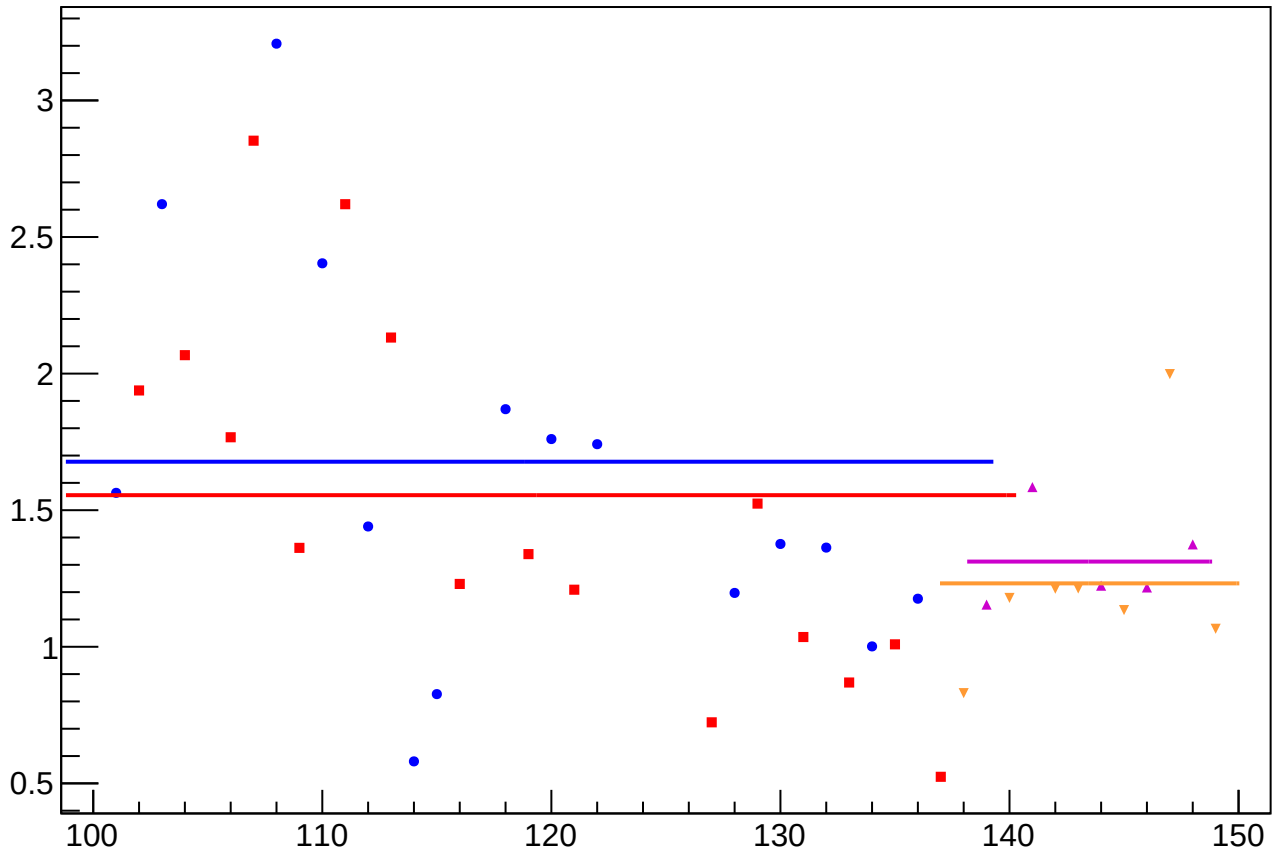
dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000	χ^2/NDF : 1640576279746948433391816936236515328.0/14
Left Out: 158.275+/-0.000	χ^2/NDF : 308444829169258505960319807377113088.0/6
Right Out: 188.612+/-0.000	χ^2/NDF : 1922342257287674563344204730019610624.0/15
Left In: 174.036+/-0.000	χ^2/NDF : 44585754749473595756236615750516736.0/4

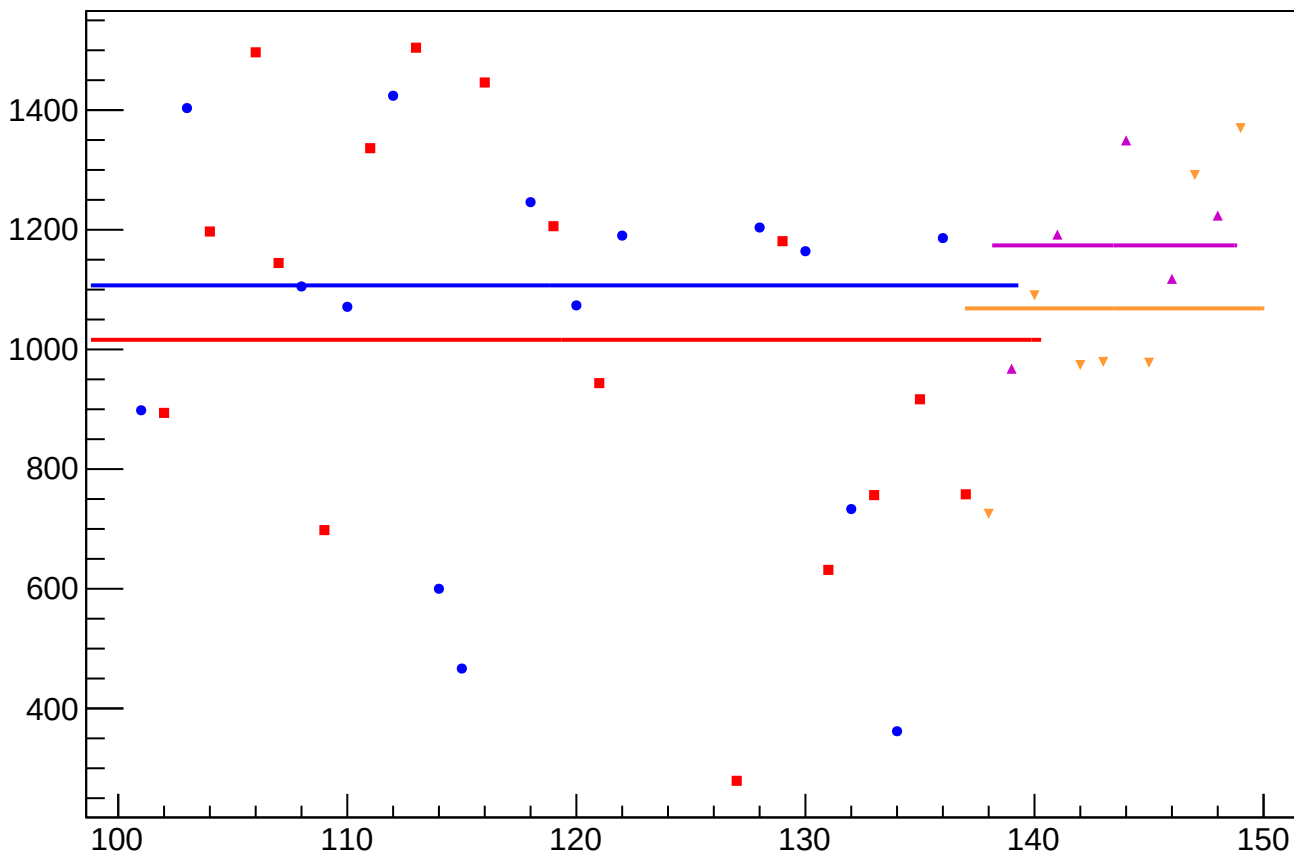
+ sign 177.492+/-0.000 χ^2/NDF : 229108144550167
 All: 180.136+/-0.000 χ^2/NDF : 432977144333
 - sign 182.964+/-0.000 χ^2/NDF : 202183991425300

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left Out: 1.232 $\pm$ 0.000 χ^2 /NDF: 61742883411457635750412529172480.0/6
 Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 Left In: 1.312 $\pm$ 0.000 χ^2 /NDF: 10099658134110368991427231219712.0/4
 All: 1.471 $\pm$ 0.000 χ^2 /NDF: 64186166807443.0/15
 + sign 1.480 $\pm$ 0.000 χ^2 /NDF: 36062871753600890.0/15
 - sign 1.461 $\pm$ 0.000 χ^2 /NDF: 28102047546375591.0/15

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

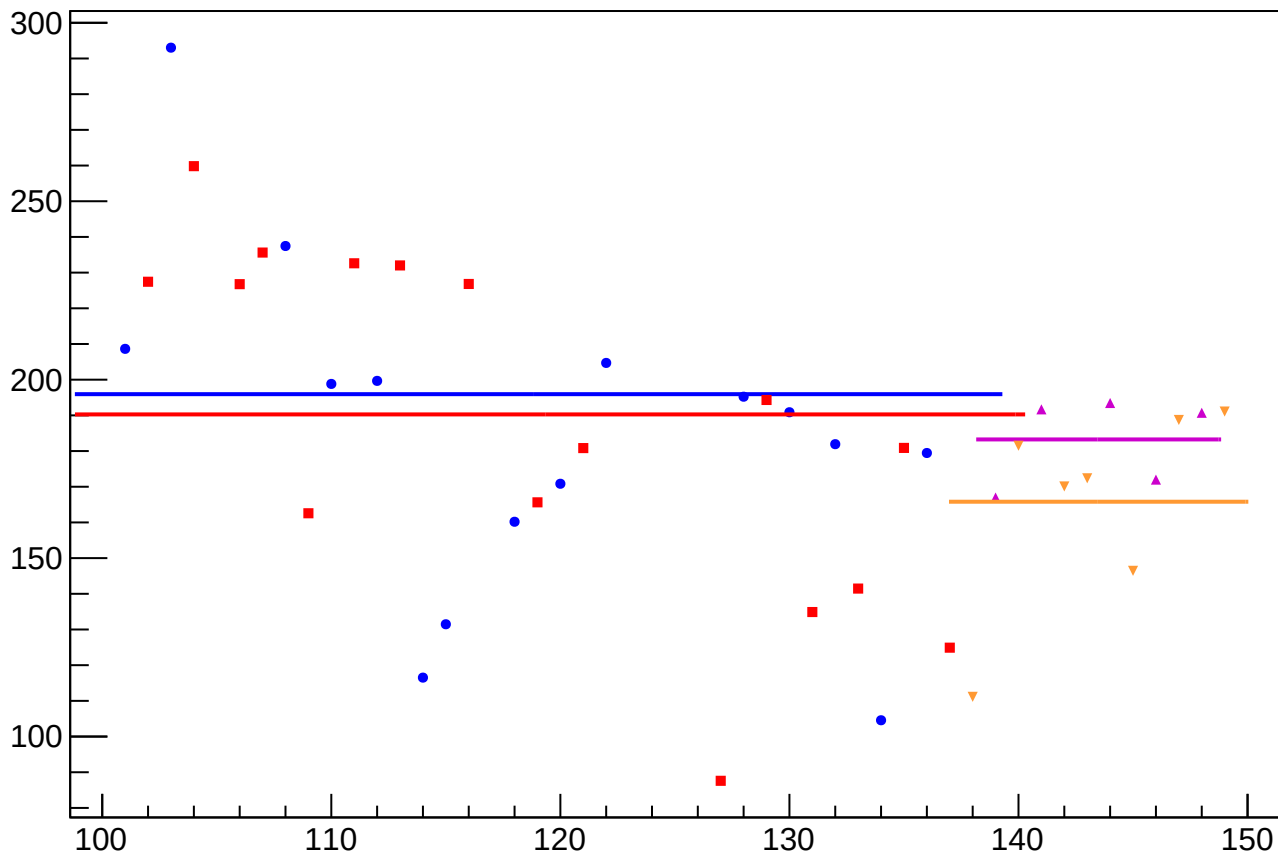
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

+ sign 1090.008+/-0.000 χ^2/NDF : 63402818764483

All: 1083.846+/-0.000 χ^2/NDF : 14917312817

- sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

dit_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 165.802 $\pm$ 0.000 χ^2 /NDF: 381995888558383760858475643174649856.0/6

Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15

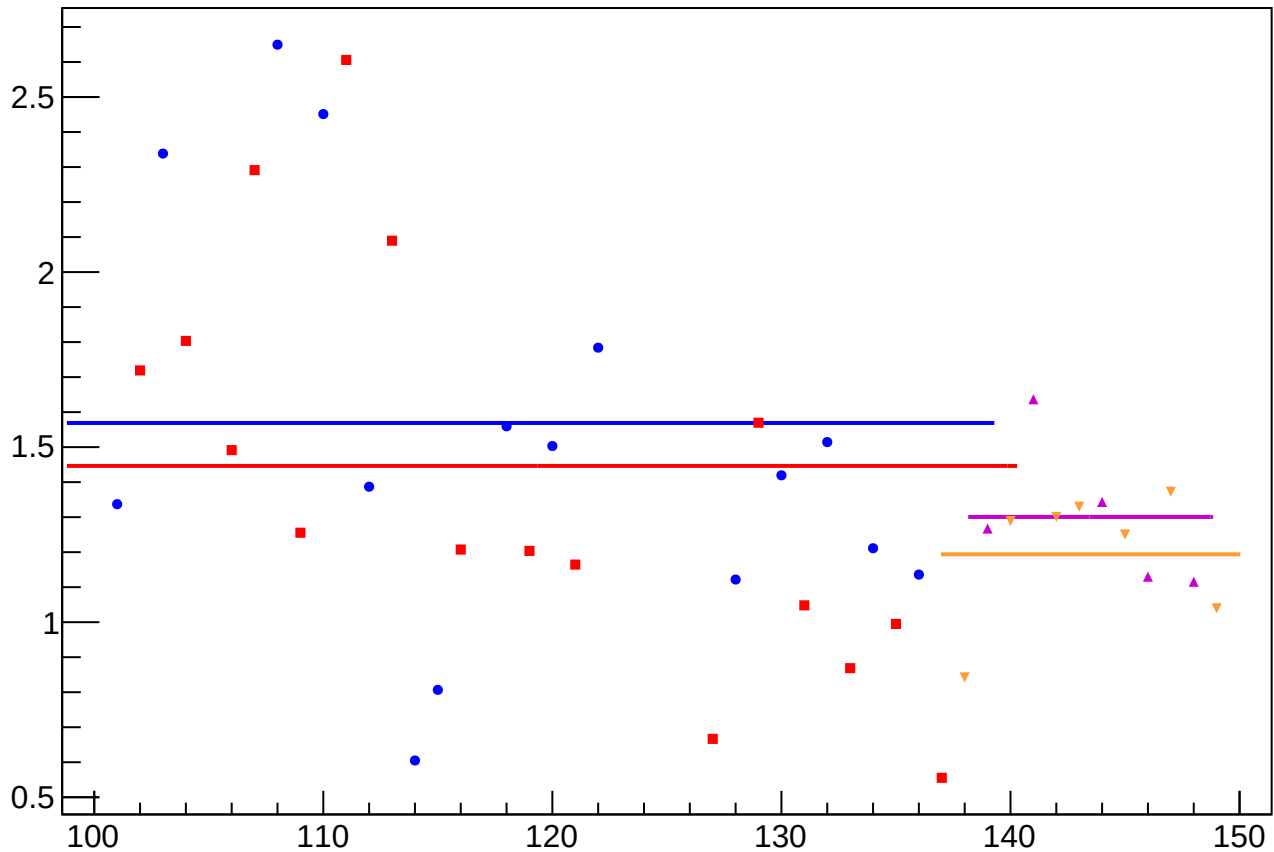
Left In: 183.257 $\pm$ 0.000 χ^2 /NDF: 51982969788186845354299684097622016.0/4

+ sign 182.592 $\pm$ 0.000 χ^2 /NDF: 170098633704020

All: 184.988 $\pm$ 0.000 χ^2 /NDF: 324799080360

- sign 187.551 $\pm$ 0.000 χ^2 /NDF: 153316130000153

dit_4eY_coil4_err_mean vs Slug



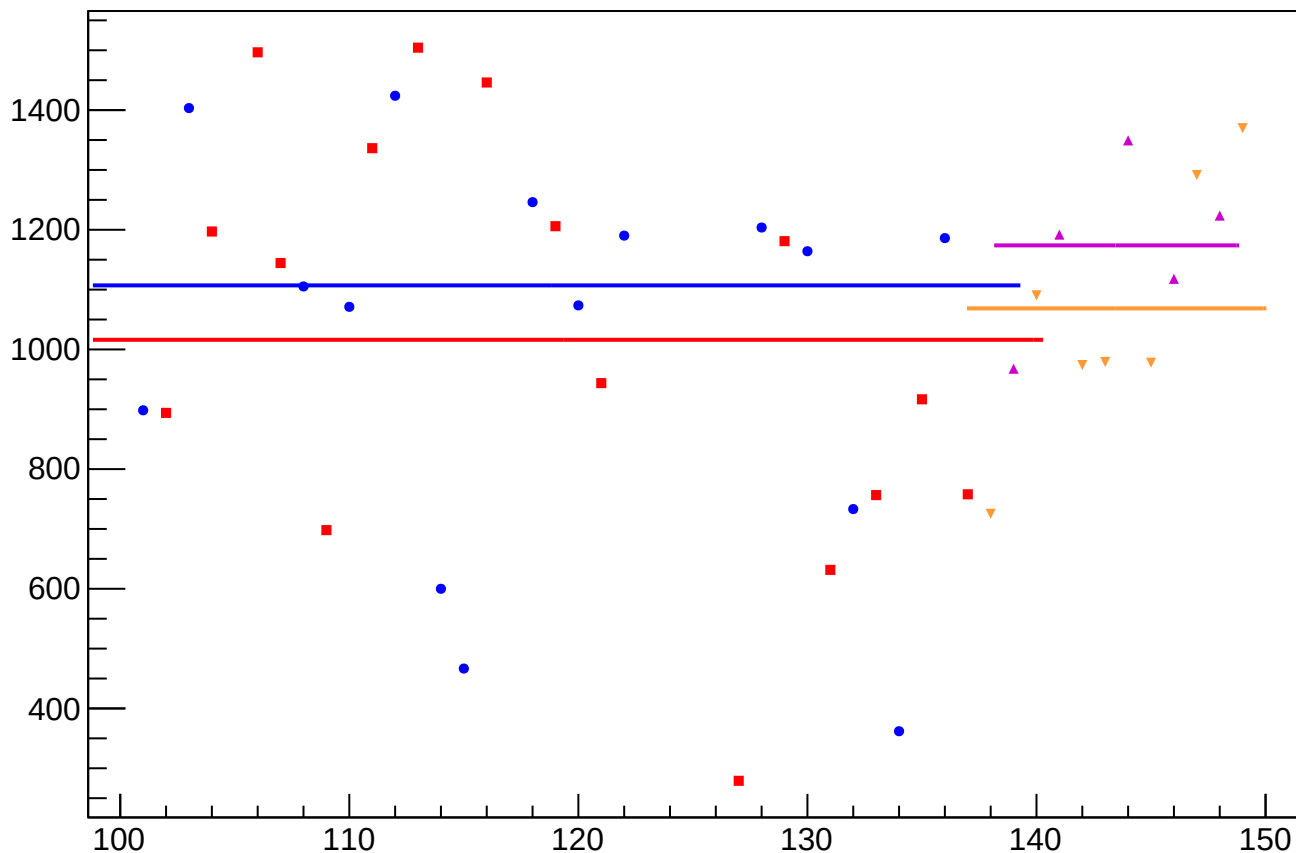
Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.194 $\pm$ 0.000 χ^2 /NDF: 16895626976096685859520789872640.0/6

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

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

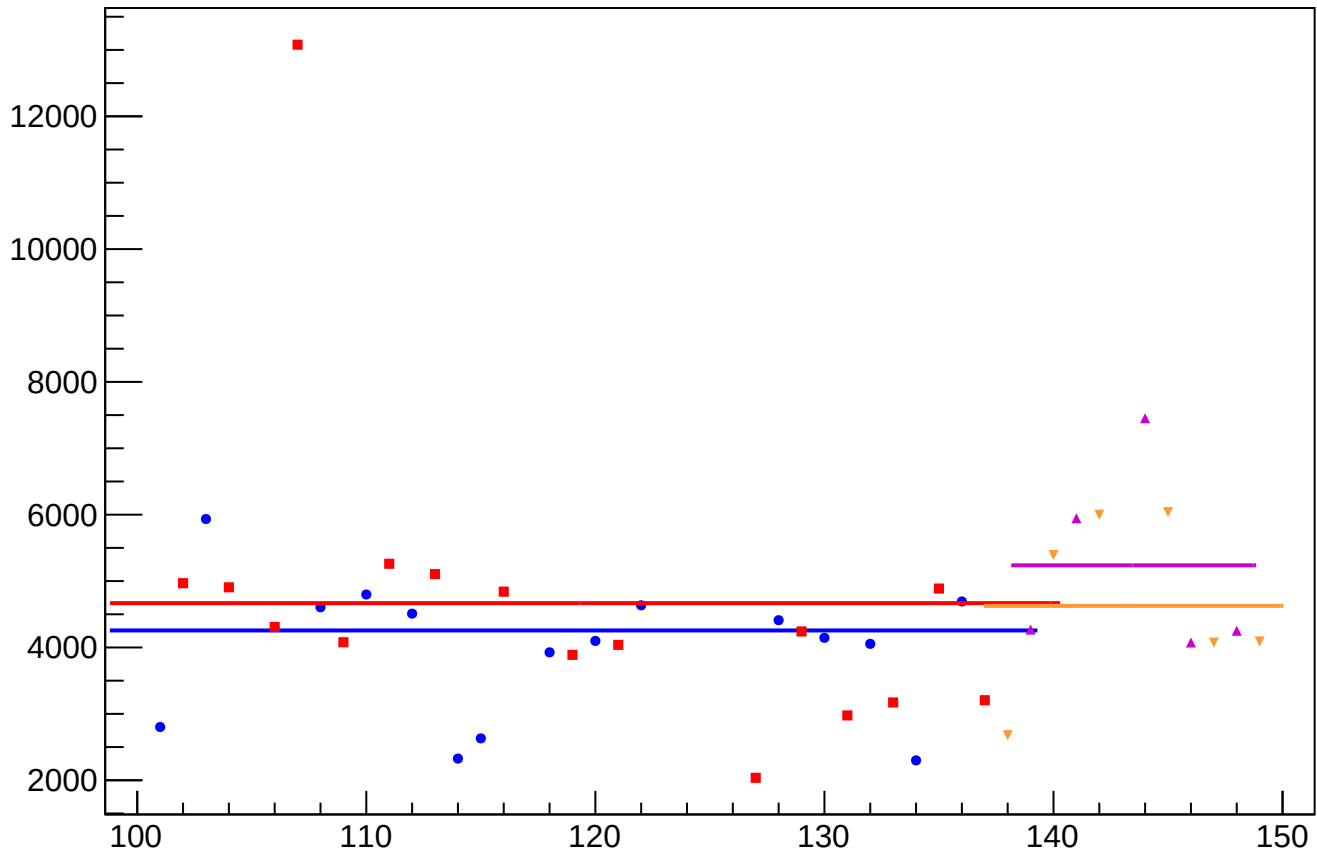
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

+ sign 1090.008+/-0.000 χ^2/NDF : 63402818764483

All: 1083.846+/-0.000 χ^2/NDF : 14917312817

- sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

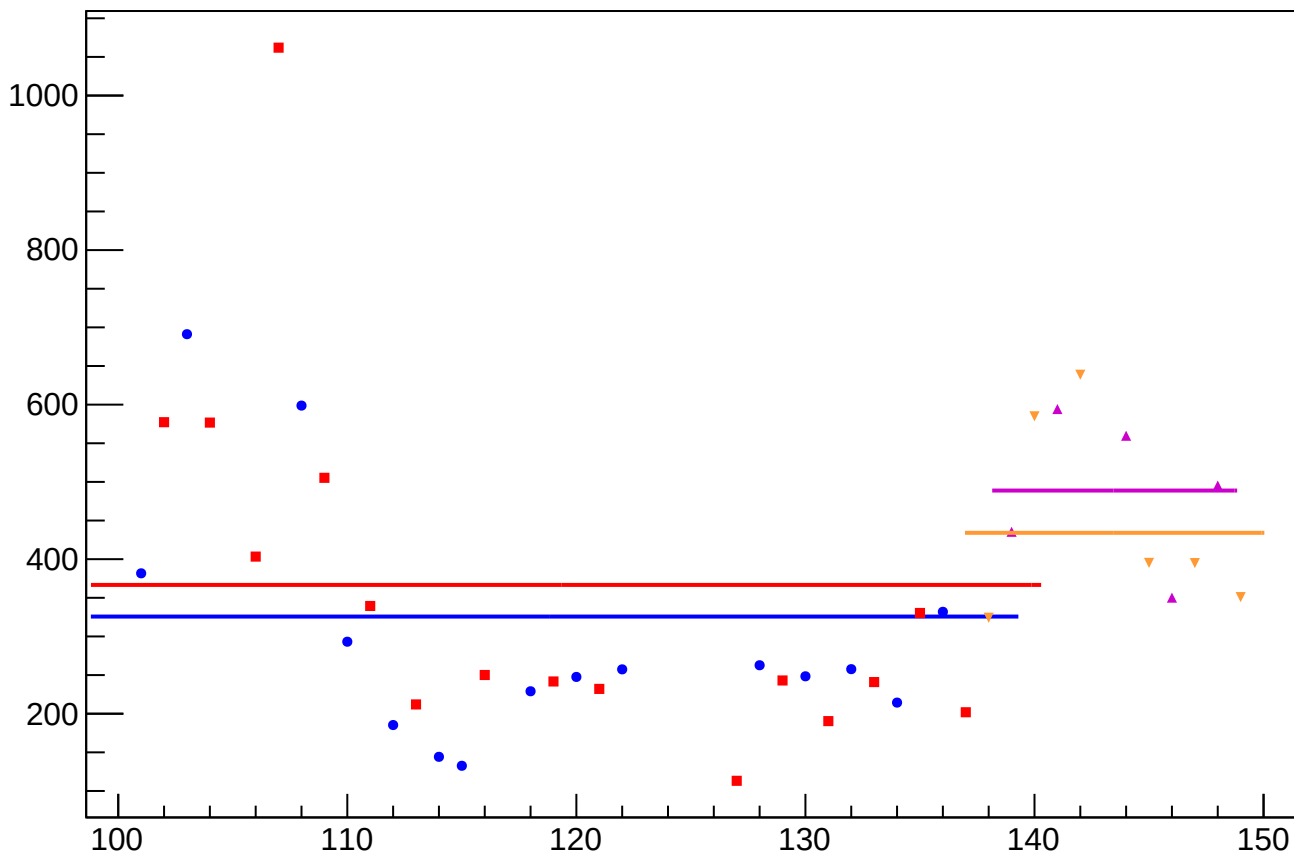
dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4626.393+/-0.000	χ^2/NDF : 639998076189543205834619164472335400960.0/5
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 4407.691+/-0.000 χ^2/NDF : 11749370063642
 All: 4647.112+/-0.000 χ^2/NDF : 53364053718
 - 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

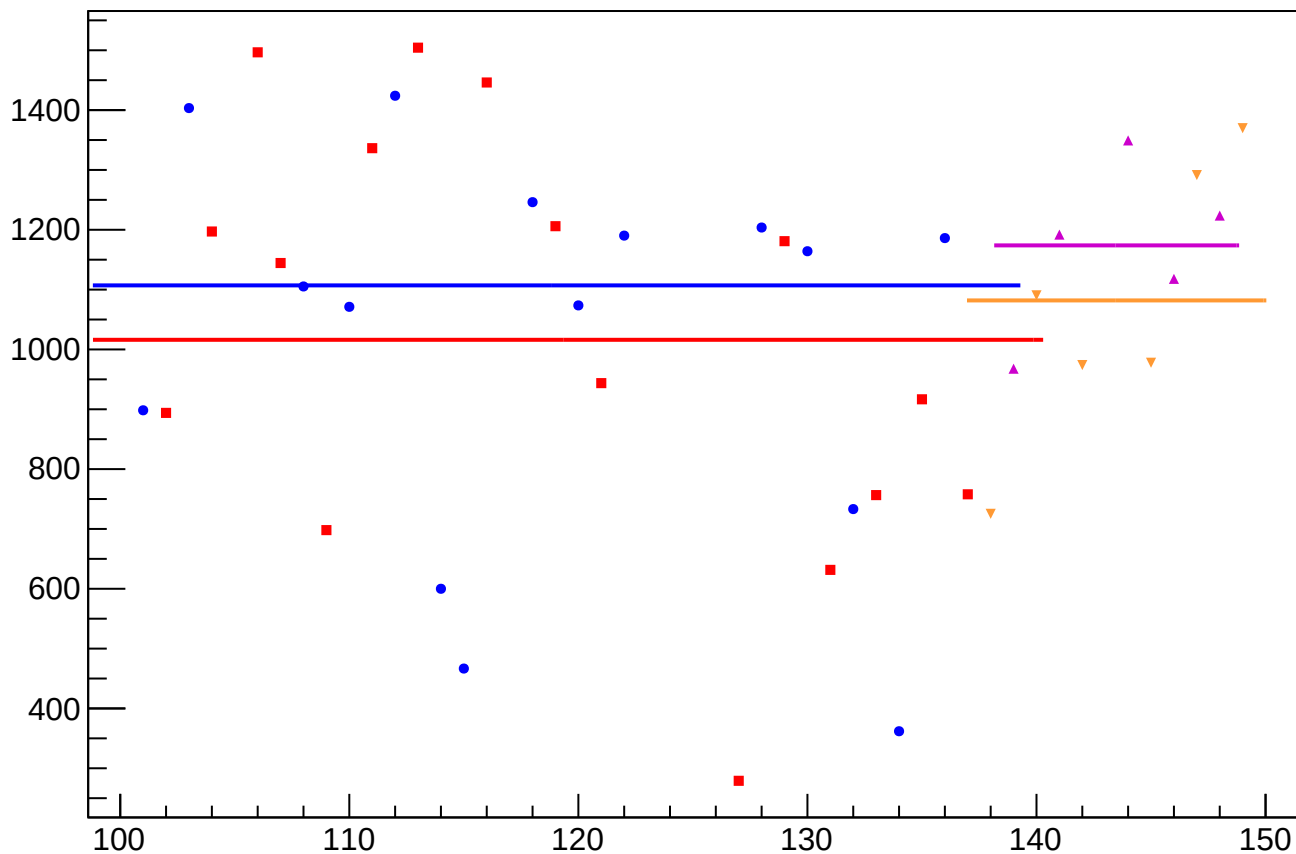
Left Out: 434.121+/-0.000 χ^2/NDF : 5555355711619530614185201619328565248.0/5

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

Left In: 488.816+/-0.000 χ^2/NDF : 3222056307798089096562283609627557888.0/4

All: 391.942+/-0.000 χ^2/NDF : 635377679283

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1081.920+/-0.000 χ^2/NDF : 21726999647242156948552552731725791232.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

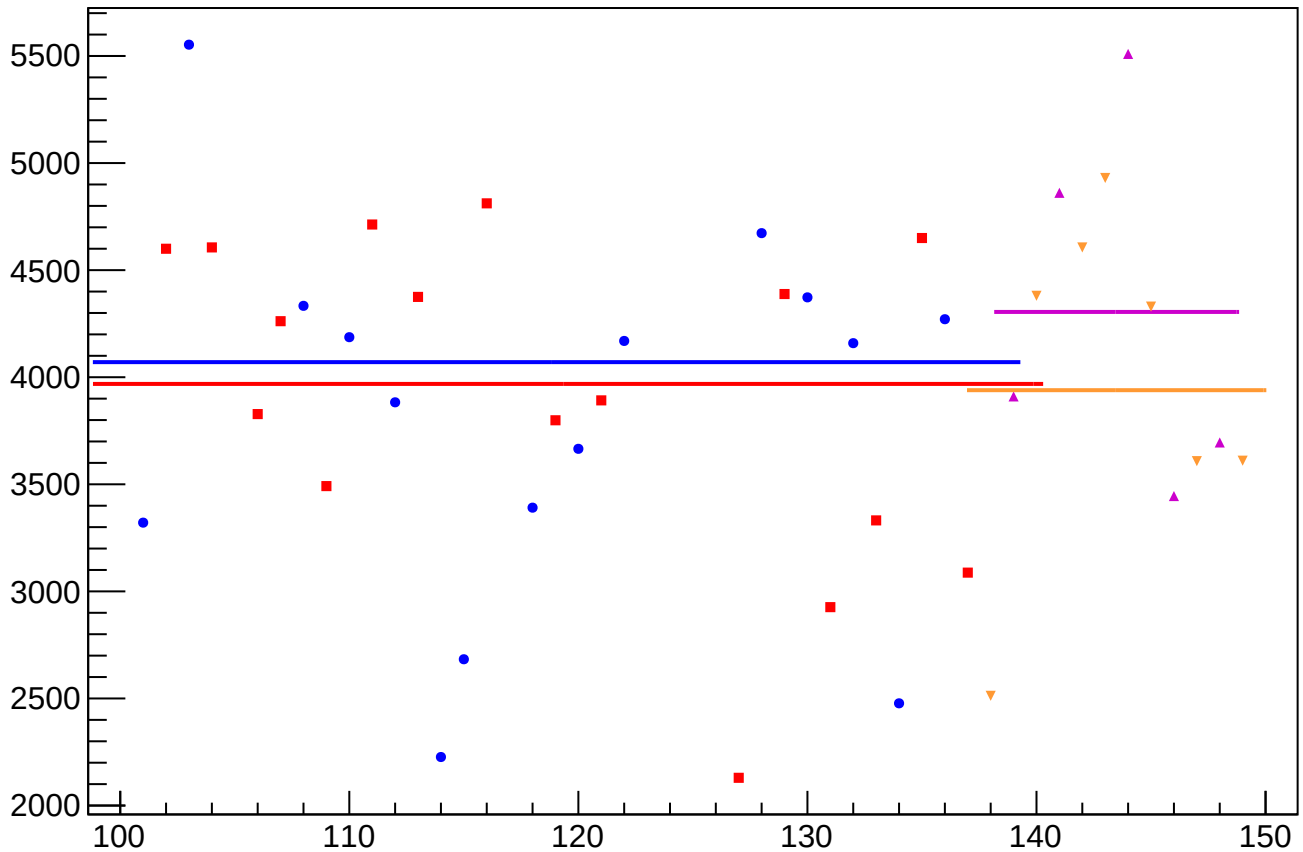
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

+ sign 1096.775+/-0.000 χ^2/NDF : 62528465538916

All: 1087.054+/-0.000 χ^2/NDF : 14841557269

- sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

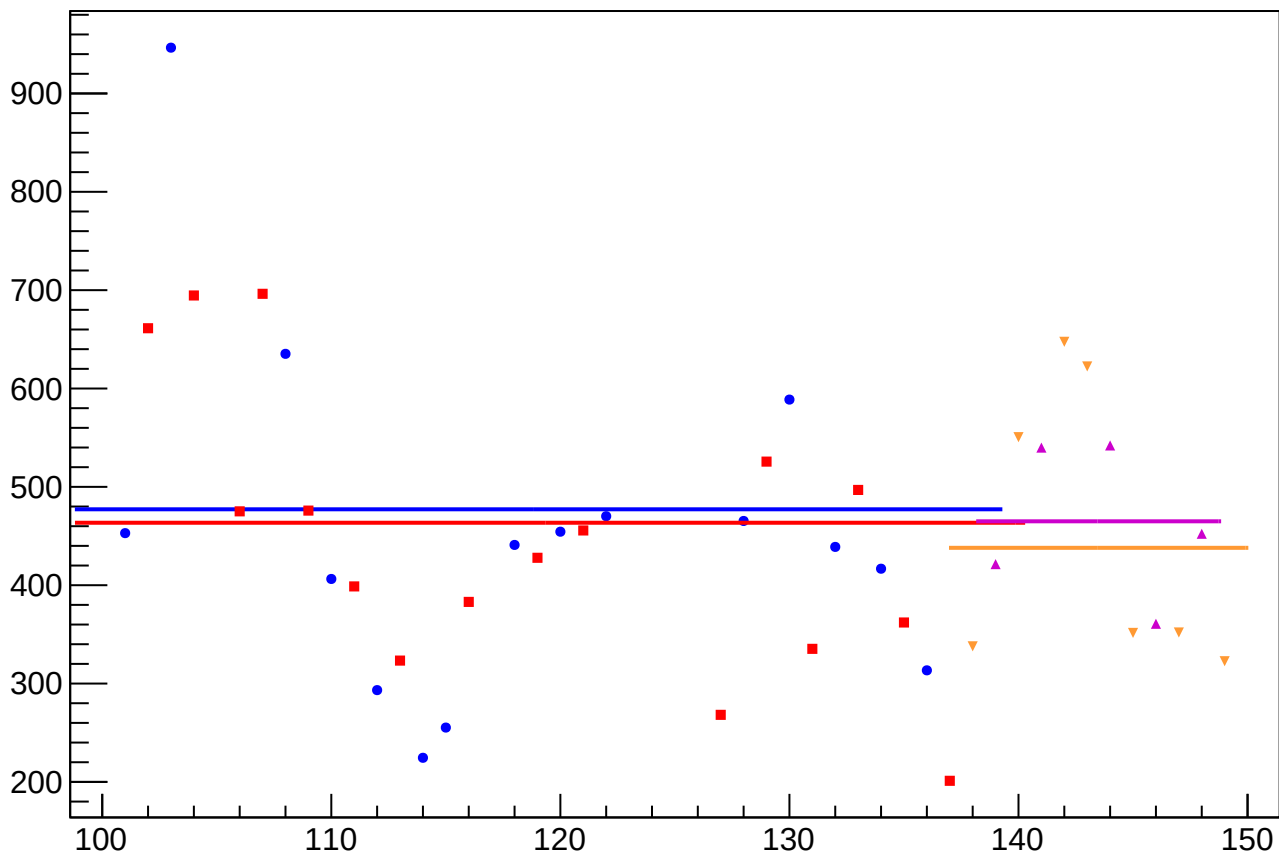
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3939.470+/-0.000	χ^2/NDF : 291019777754029985614670921506238758912.0/6
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 4304.871+/-0.000	χ^2/NDF : 260652467037775584015504552531408715776.0/4

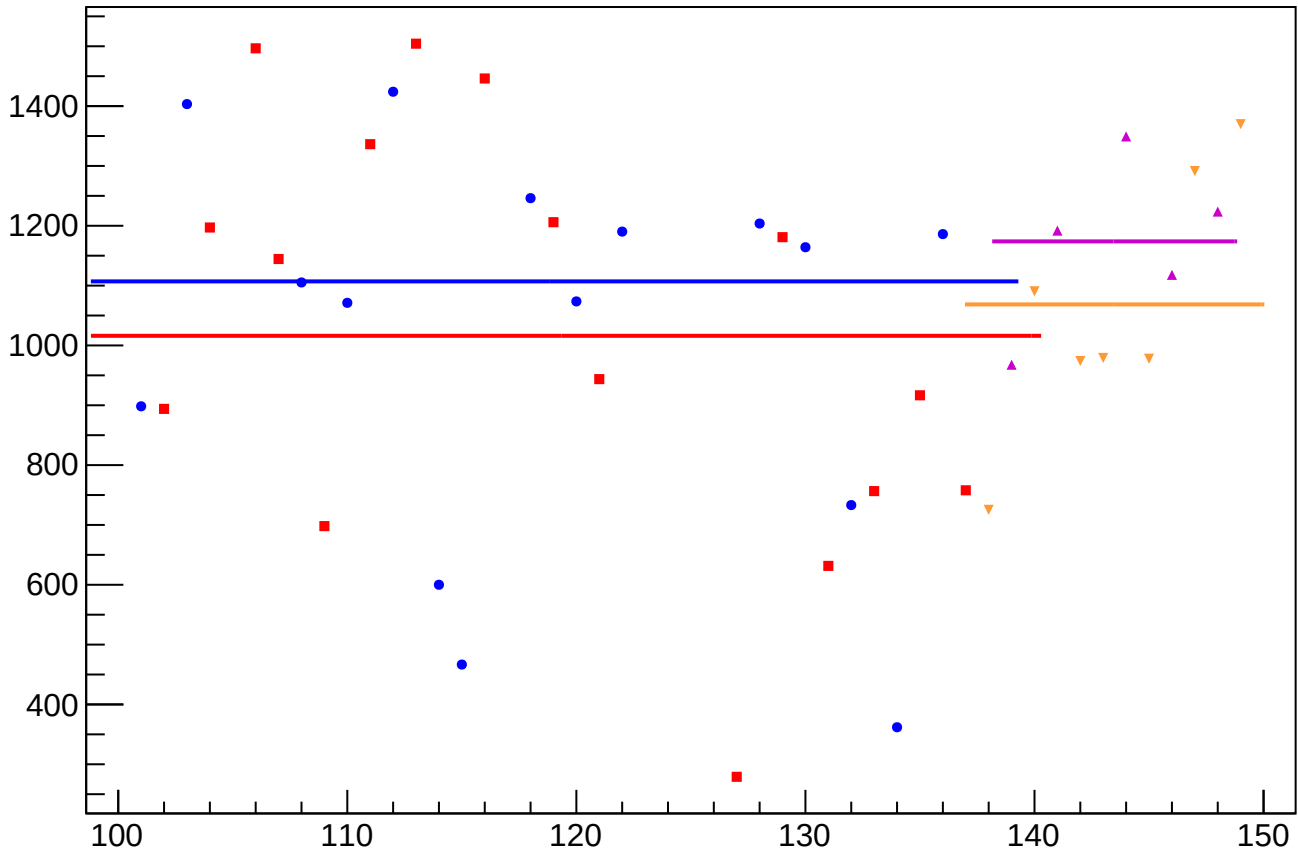
+ sign 4012.433+/-0.000 χ^2/NDF : 63923268443908
 All: 4054.249+/-0.000 χ^2/NDF : 12932634006
 - sign 4098.984+/-0.000 χ^2/NDF : 64981429207841

dit_usr_coil4_err_mean vs Slug



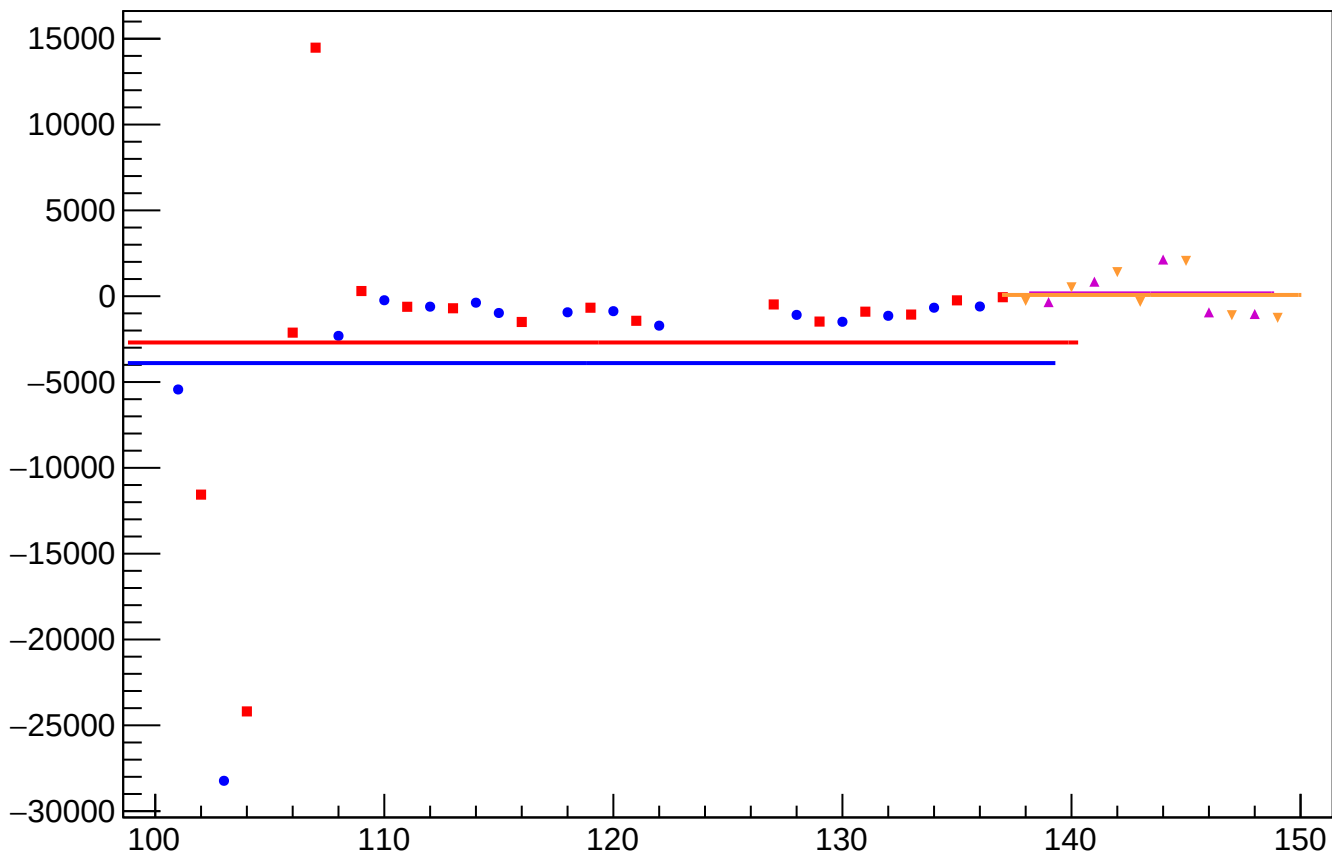
Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14
 Left Out: 438.015+/-0.000 χ^2/NDF : 8419180576173029931504852898152448000.0/6
 Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15
 Left In: 464.972+/-0.000 χ^2/NDF : 2074681052512276603199832627672514560.0/4

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1090.008+/-0.000	χ^2/NDF : 63402818764483
Left Out: 1068.570+/-0.000	χ^2/NDF : 22343292753371773007213100881785389056.0/6	All: 1083.846+/-0.000	χ^2/NDF : 14917312817
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: 73.574+/-0.000 χ^2/NDF : 694581264358128733997431762985055944704.0/6

Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15

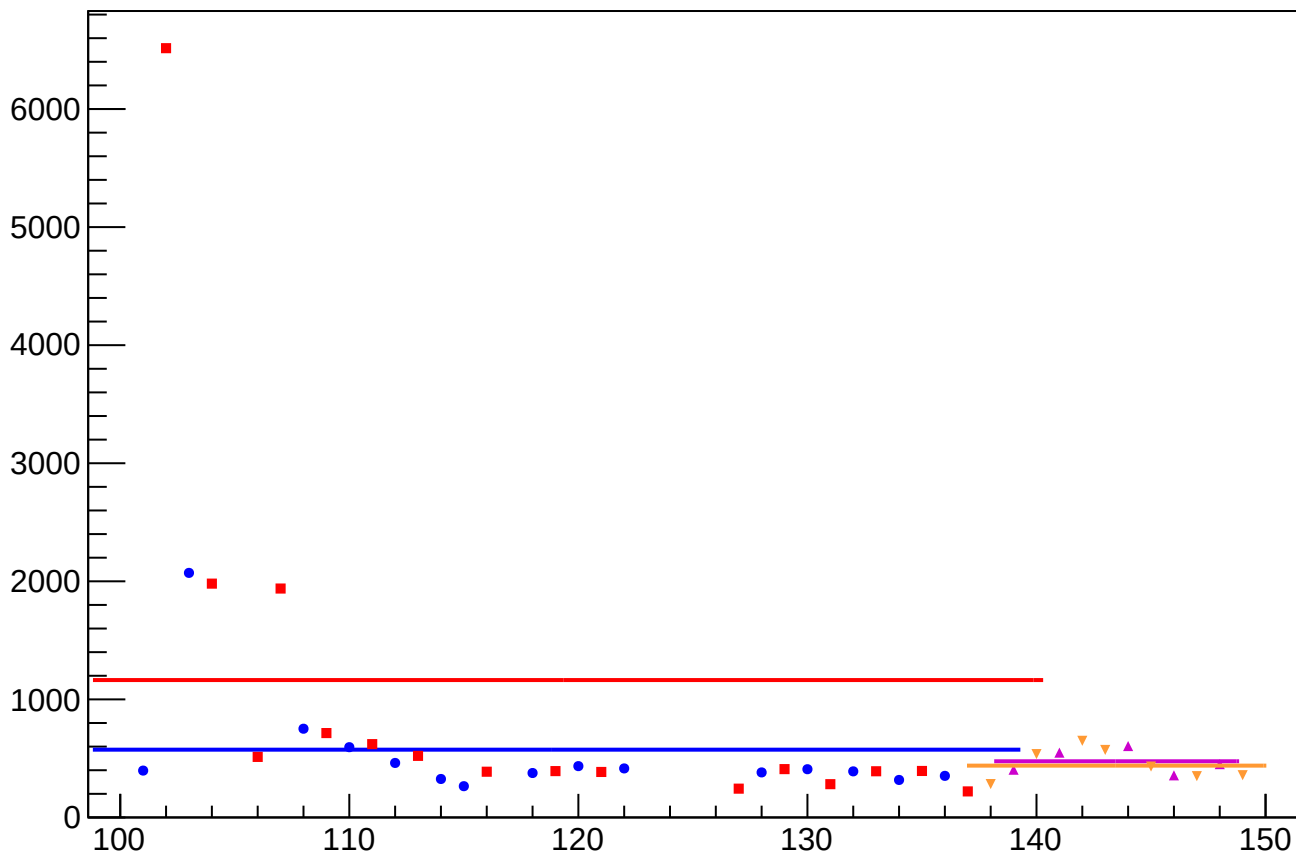
Left In: 164.207+/-0.000 χ^2/NDF : 629380465796591421307426485754973388800.0/4

+ sign -2138.093+/-0.000 χ^2/NDF : 4484393299528

All: -1872.143+/-0.000 χ^2/NDF : 8858080457

- sign -1587.632+/-0.000 χ^2/NDF : 43566320747920

dit_atl1_coil4_err_mean vs Slug



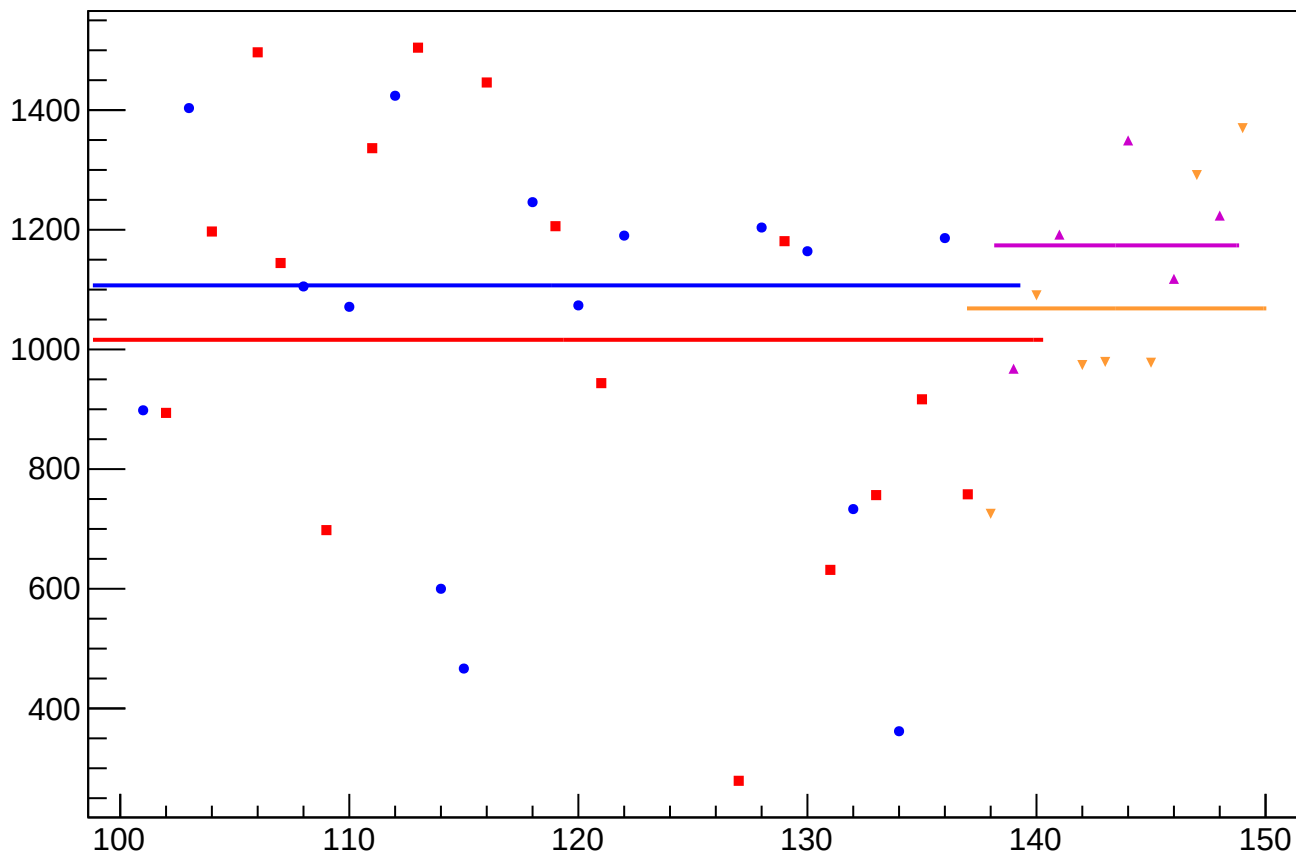
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 438.915+/-0.000 χ^2/NDF : 7078300715953762927128982355663912960.0/6

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: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

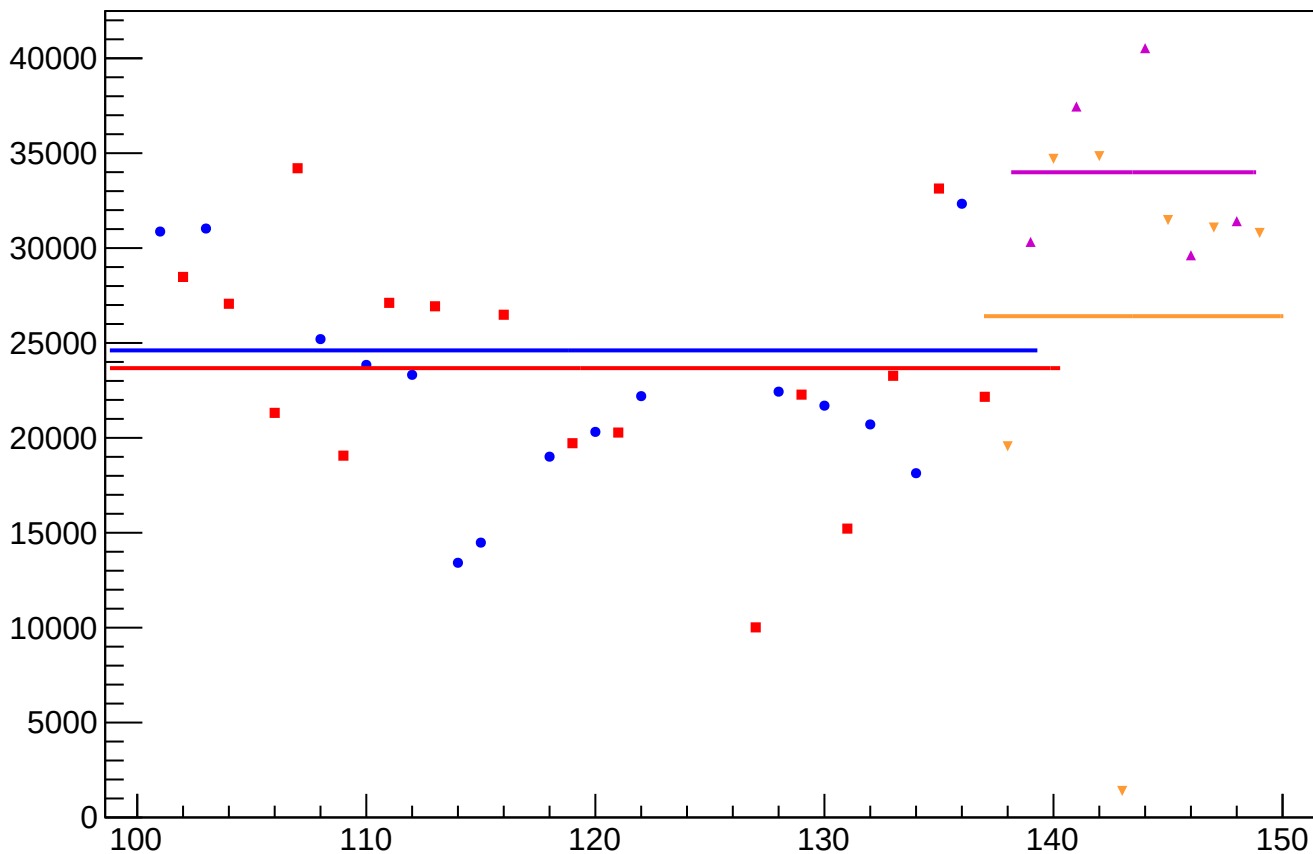
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

+ sign 1090.008+/-0.000 χ^2/NDF : 63402818764483

All: 1083.846+/-0.000 χ^2/NDF : 14917312817

- sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

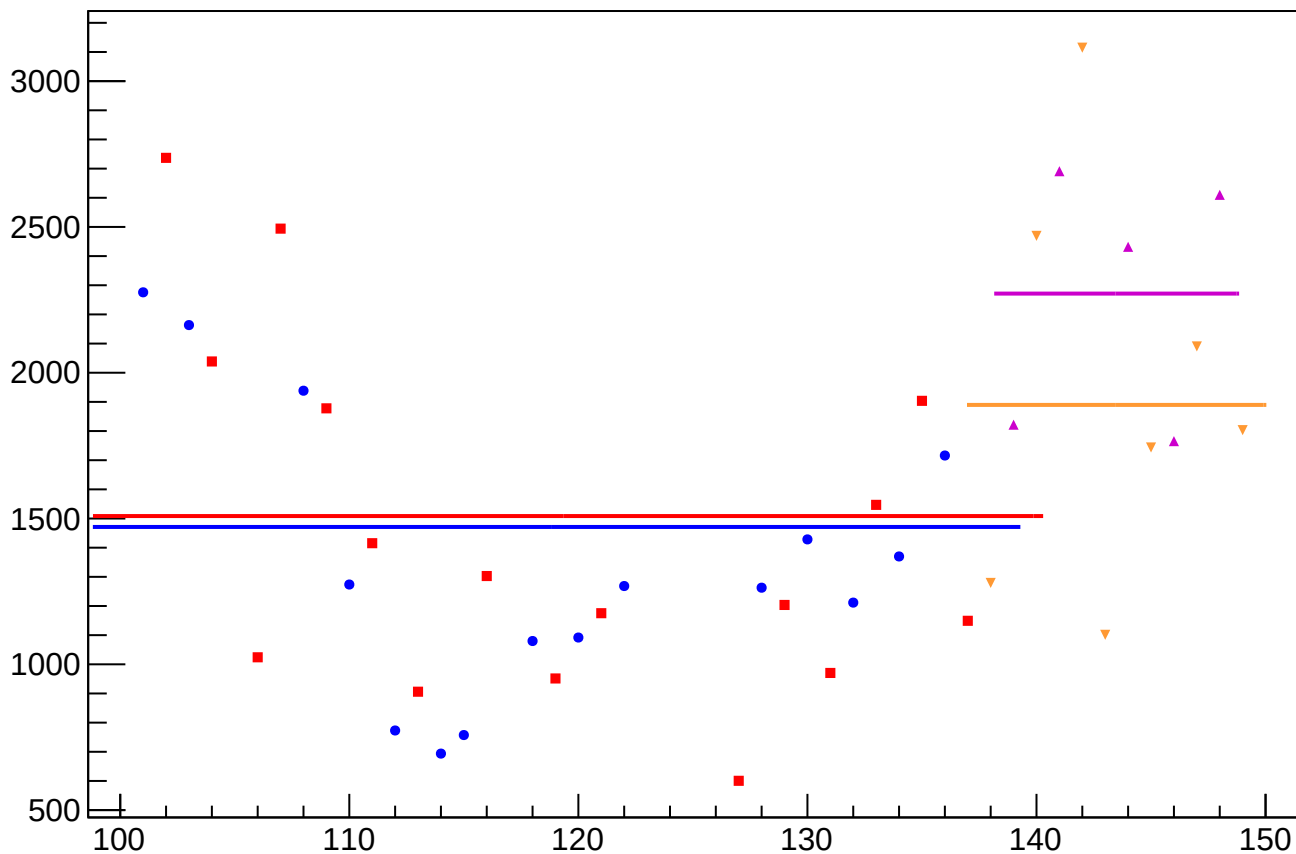
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 26411.355+/-0.000	χ^2/NDF : 59891196455578810010726529463457572454400.0/6
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 33994.042+/-0.000	χ^2/NDF : 8061205173639180322278822625783492640768.0/4

+ sign 25407.163+/-0.000 χ^2/NDF : 7838083419662
 All: 26501.928+/-0.000 χ^2/NDF : 1416844976
 - sign 27673.096+/-0.000 χ^2/NDF : 6041368796737

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 1889.644+/-0.000 χ^2/NDF : 172822212495663752219800047576898600960.0/6

Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

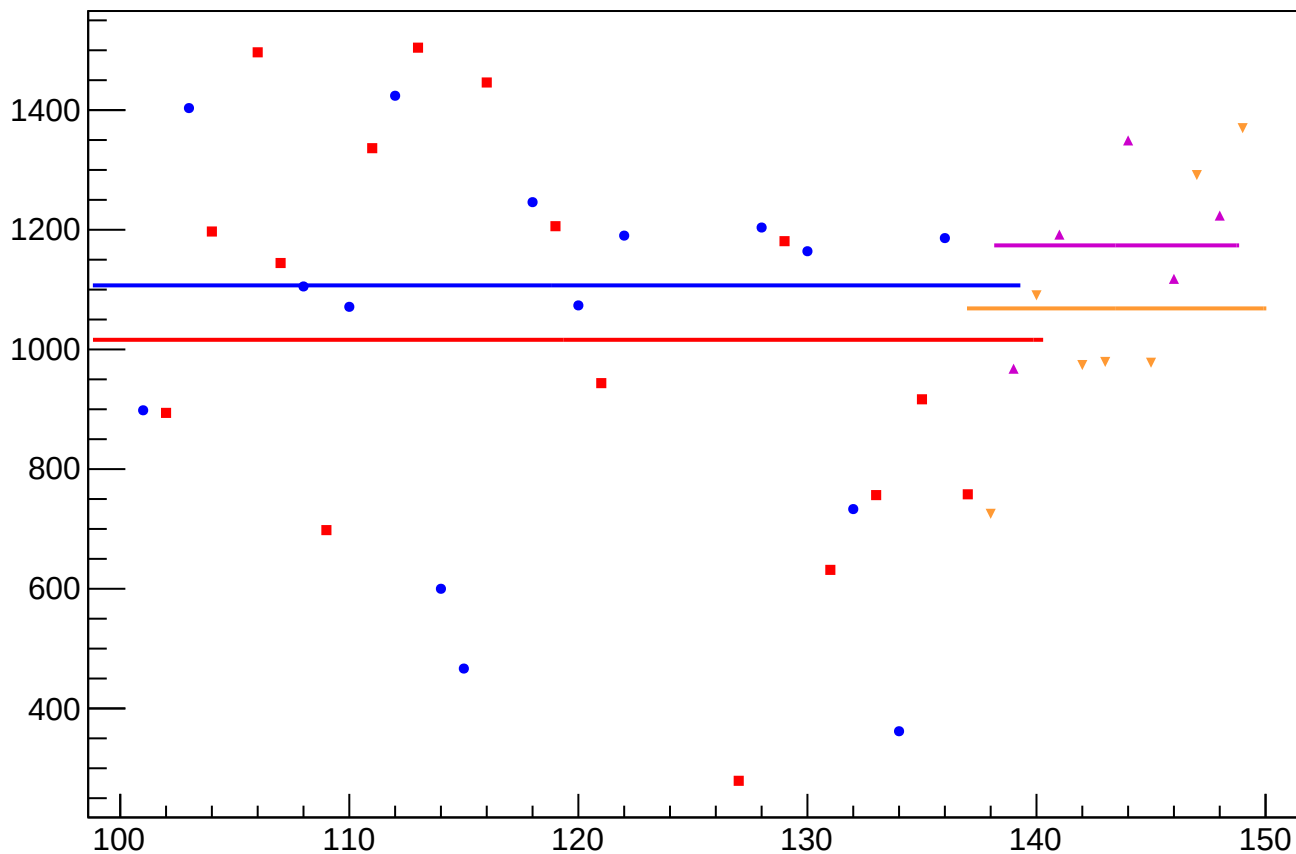
Left In: 2271.411+/-0.000 χ^2/NDF : 64528672857673103727173992295511883776.0/4

All: 1727.803+/-0.000 χ^2/NDF : 83969309033

+ sign 1656.478+/-0.000 χ^2/NDF : 36235449468277

- sign 1804.106+/-0.000 χ^2/NDF : 46507154485641

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

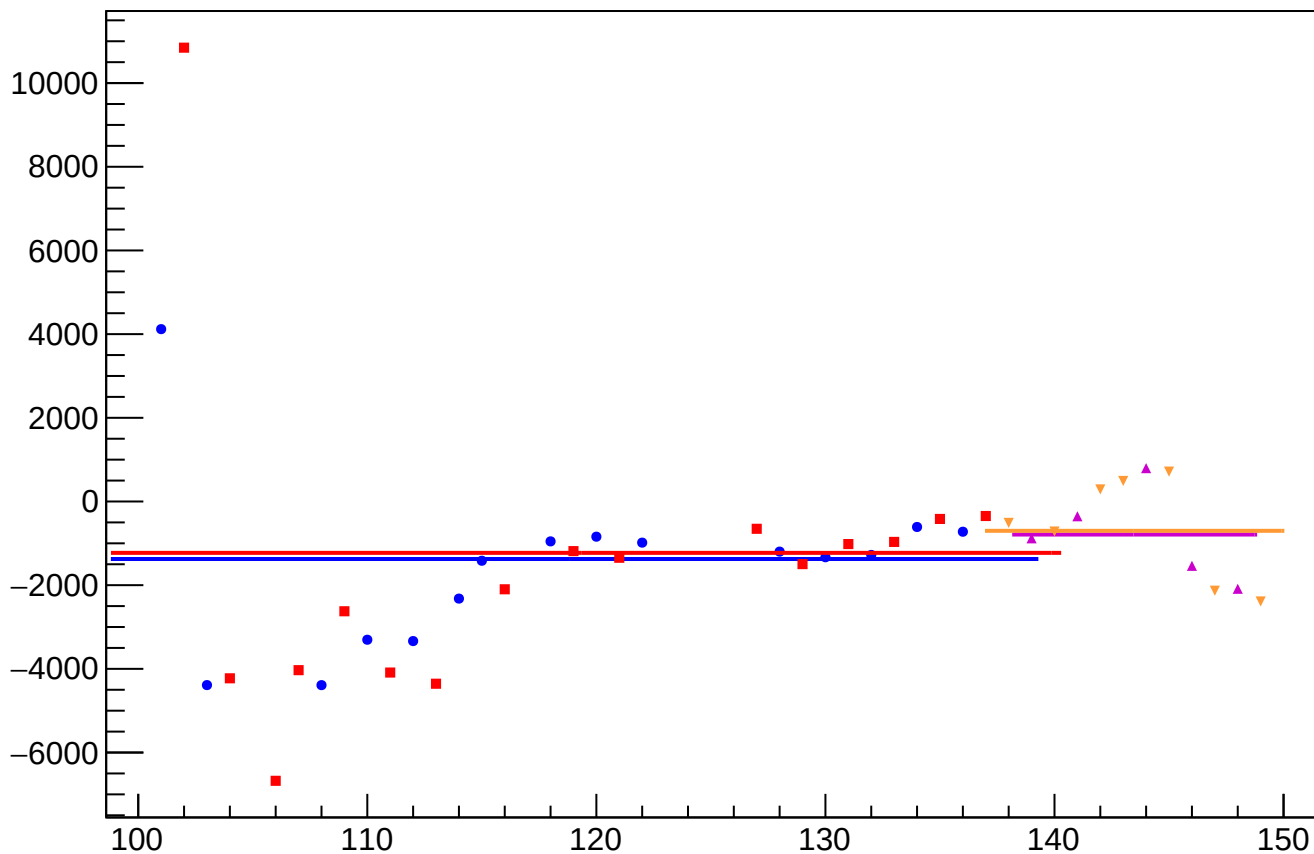
Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

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: 1083.846+/-0.000 χ^2/NDF : 14917312817

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14

Left Out: -700.995+/-0.000 χ^2/NDF : 704639439967038164686018190126383890432.0/6

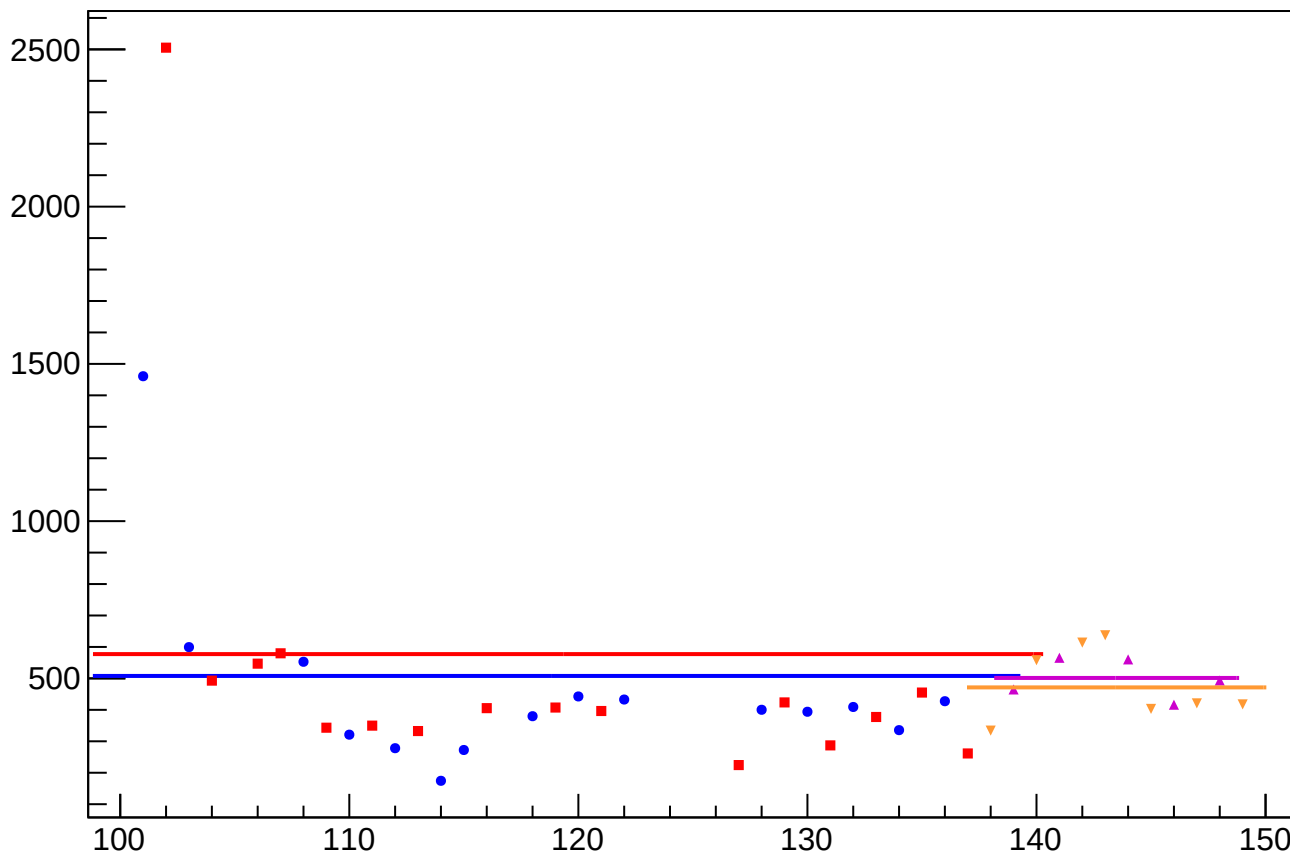
Right Out: -1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15

Left In: -789.732+/-0.000 χ^2/NDF : 428484591403924370748745394198723690496.0/4

All: -1067.450+/-0.000 χ^2/NDF : 1550141210

- sign -1058.092+/-0.000 χ^2/NDF : 11593416847091

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 471.358+/-0.000 χ^2/NDF : 5683610153493483897308715374029570048.0/6

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

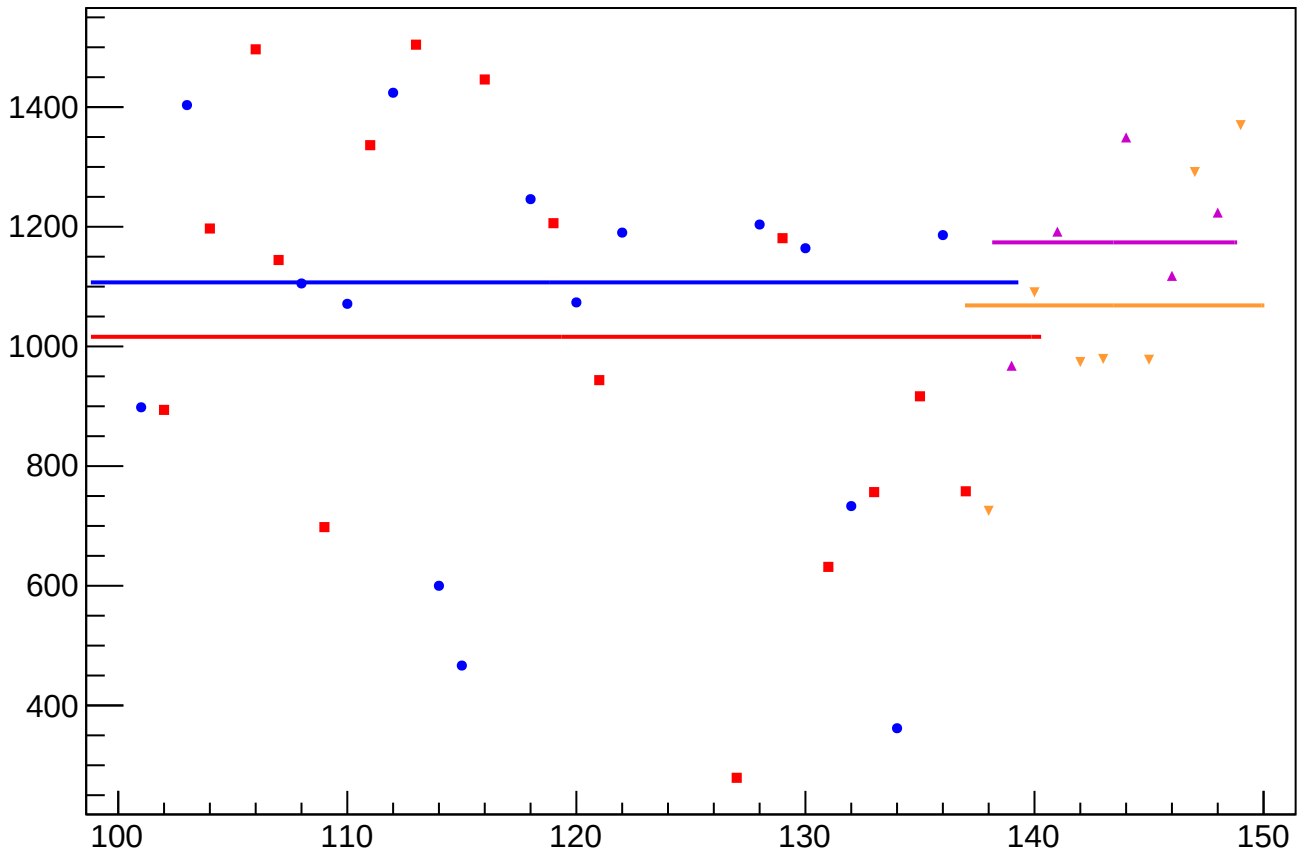
Left In: 501.425+/-0.000 χ^2/NDF : 1374151952115345747755984645968101376.0/4

+ sign 491.664+/-0.000 χ^2/NDF : 702054753396672

All: 518.818+/-0.000 χ^2/NDF : 31613242481

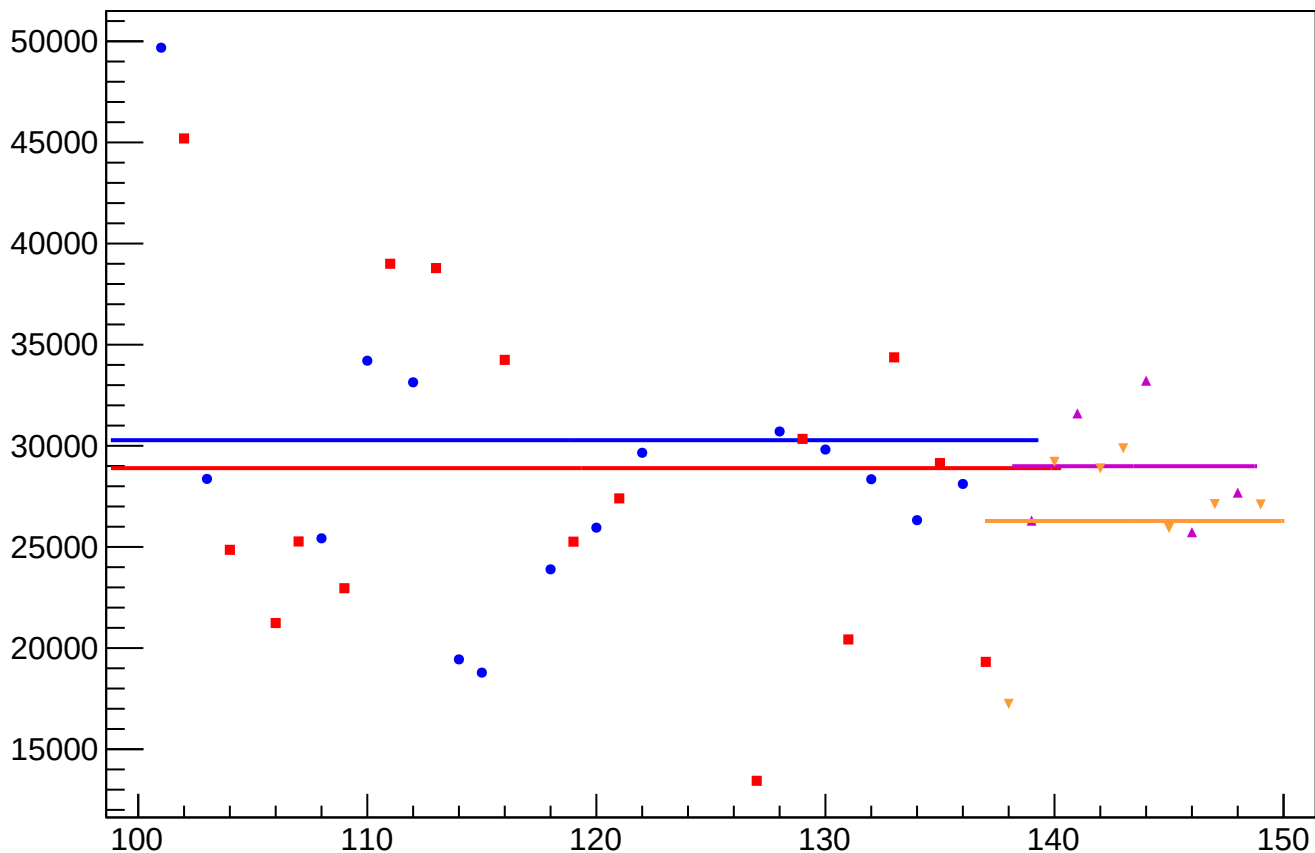
- sign 547.867+/-0.000 χ^2/NDF : 244149020420000

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1068.570 $\pm$ 0.000 χ^2 /NDF: 22343292753371773007213100881785389056.0/6
 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

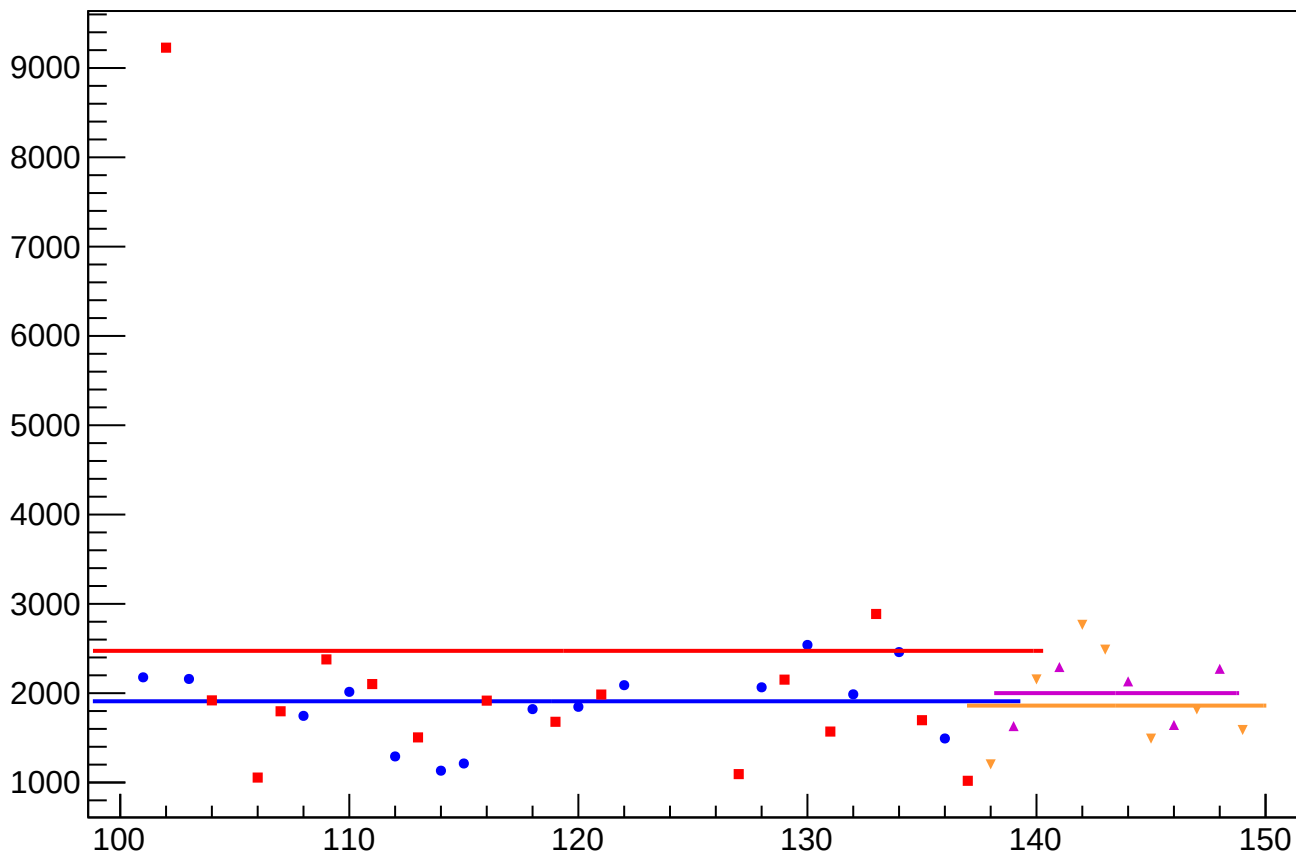
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26284.131+/-0.000	χ^2/NDF : 8375895868399700575832494275935116197888.0/6
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 28991.840+/-0.000	χ^2/NDF : 3783272680924637660467466041999440740352.0/4

+ sign 28508.846+/-0.000 χ^2/NDF : 4393624146419
 All: 28713.934+/-0.000 χ^2/NDF : 9479279821
 - sign 28933.334+/-0.000 χ^2/NDF : 5075513513576

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434 ± 0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14

Left Out: 1860.946 ± 0.000 χ^2/NDF : 122243319443045214174881843843166109696.0/6

Right Out: 2473.977 ± 0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15

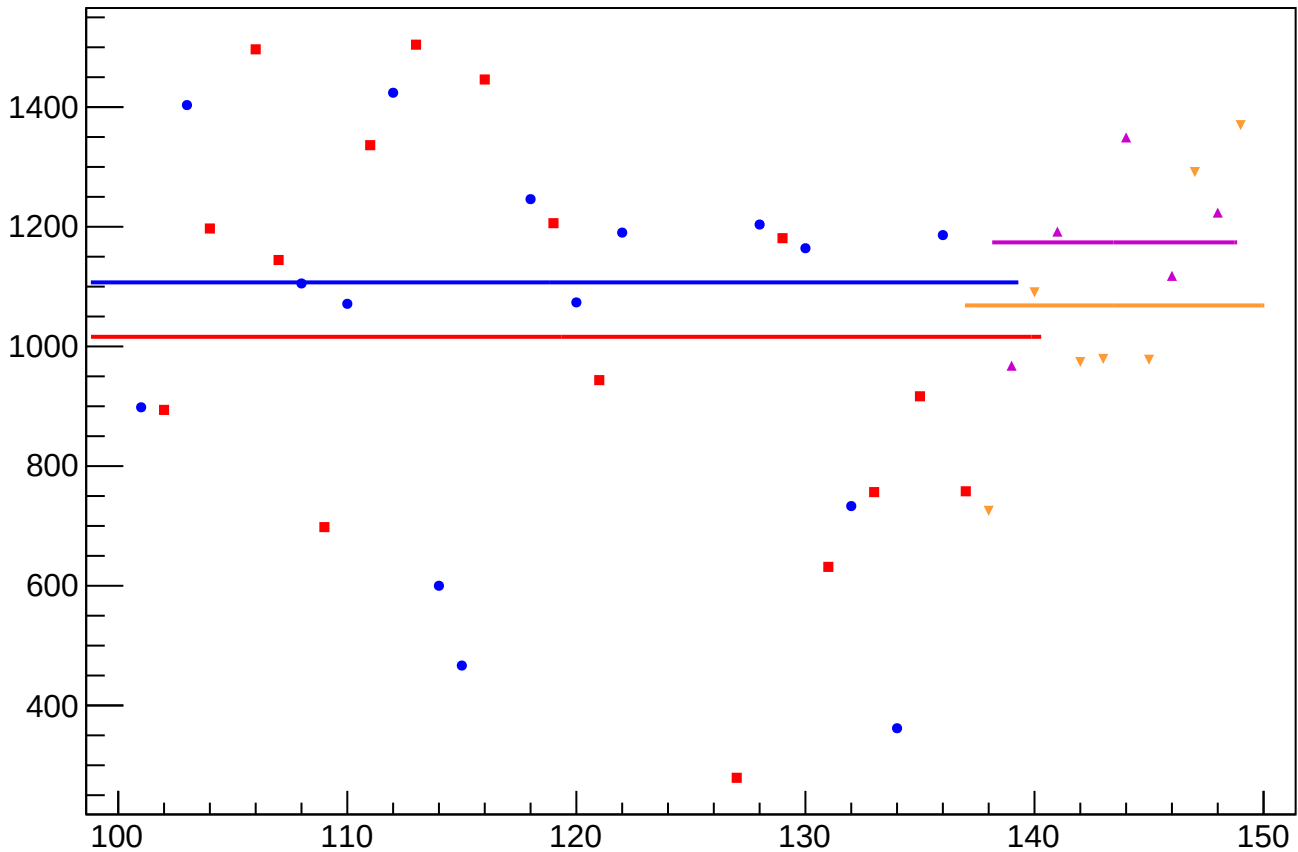
Left In: 2000.623 ± 0.000 χ^2/NDF : 36614582497589628300512720200858075136.0/4

+ sign 1887.958 ± 0.000 χ^2/NDF : 21055611207773

All: 2082.465 ± 0.000 χ^2/NDF : 34302197850

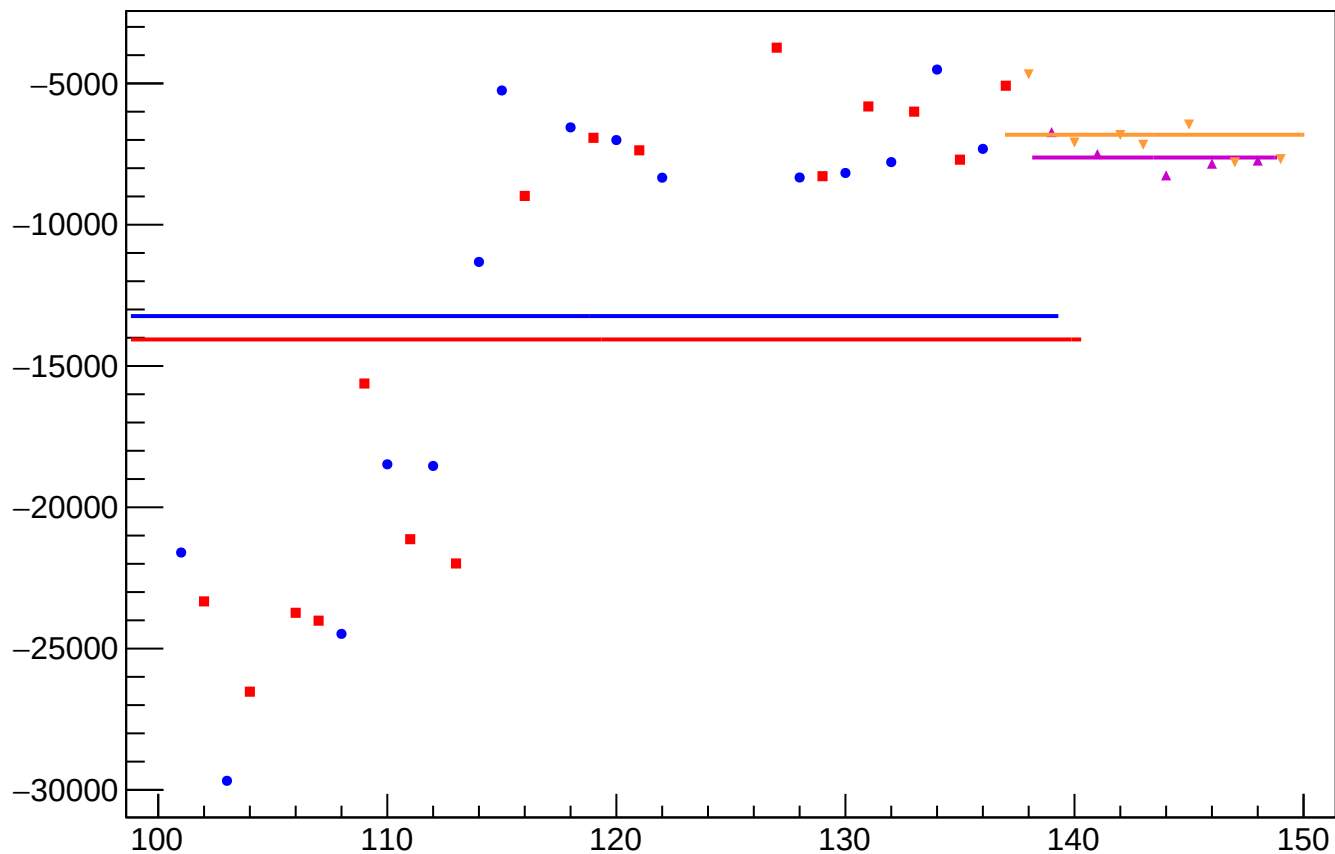
- sign 2290.547 ± 0.000 χ^2/NDF : 31284366042707

dit_atr2_coil4_Ndata_mean vs Slug



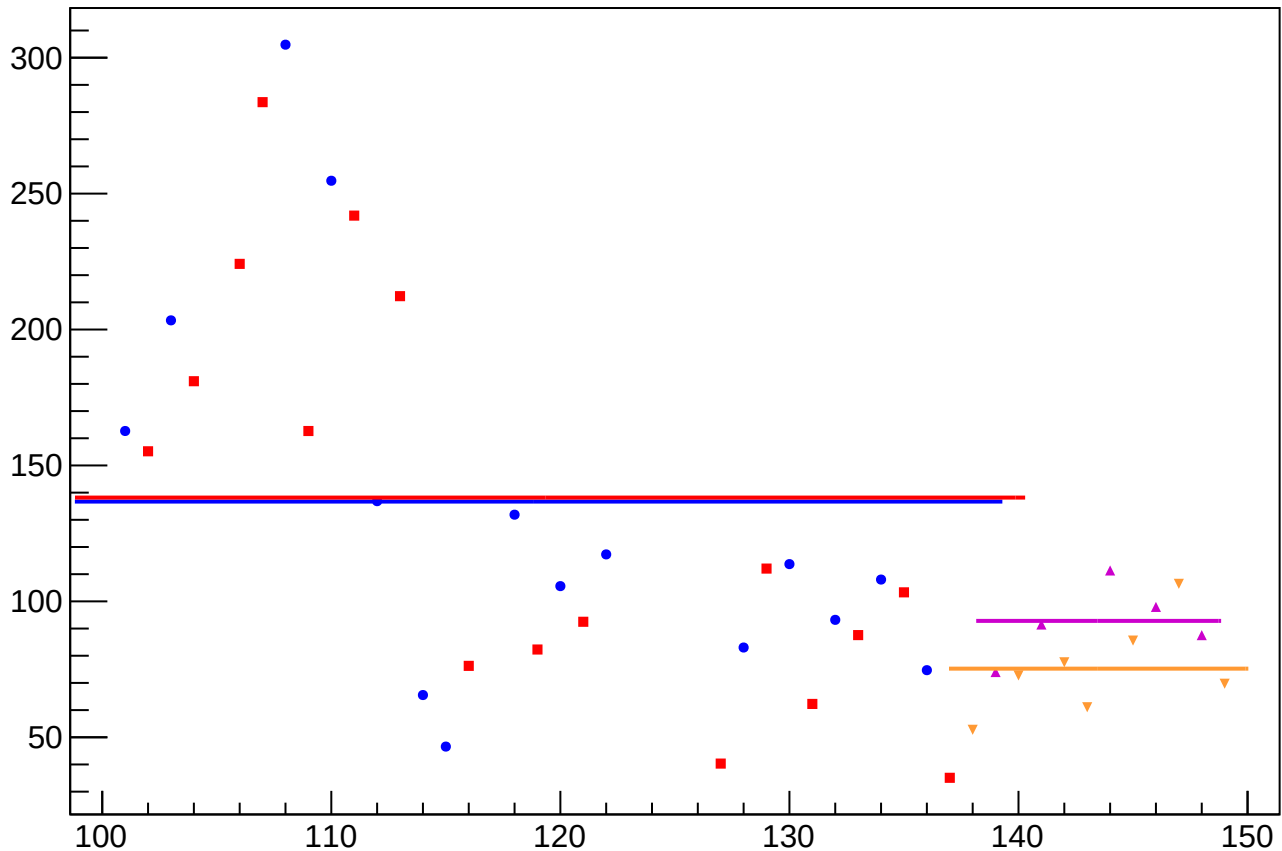
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1068.570 $\pm$ 0.000 χ^2 /NDF: 22343292753371773007213100881785389056.0/6
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1173.900 $\pm$ 0.000 χ^2 /NDF: 6675446999220672067512348047168241664.0/4

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -6816.263+/-0.000 χ^2/NDF : 518653872816265523947470561576818311168.0/6
 Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: -7622.107+/-0.000 χ^2/NDF : 107374020903040426923591287041756758016.0/4

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14

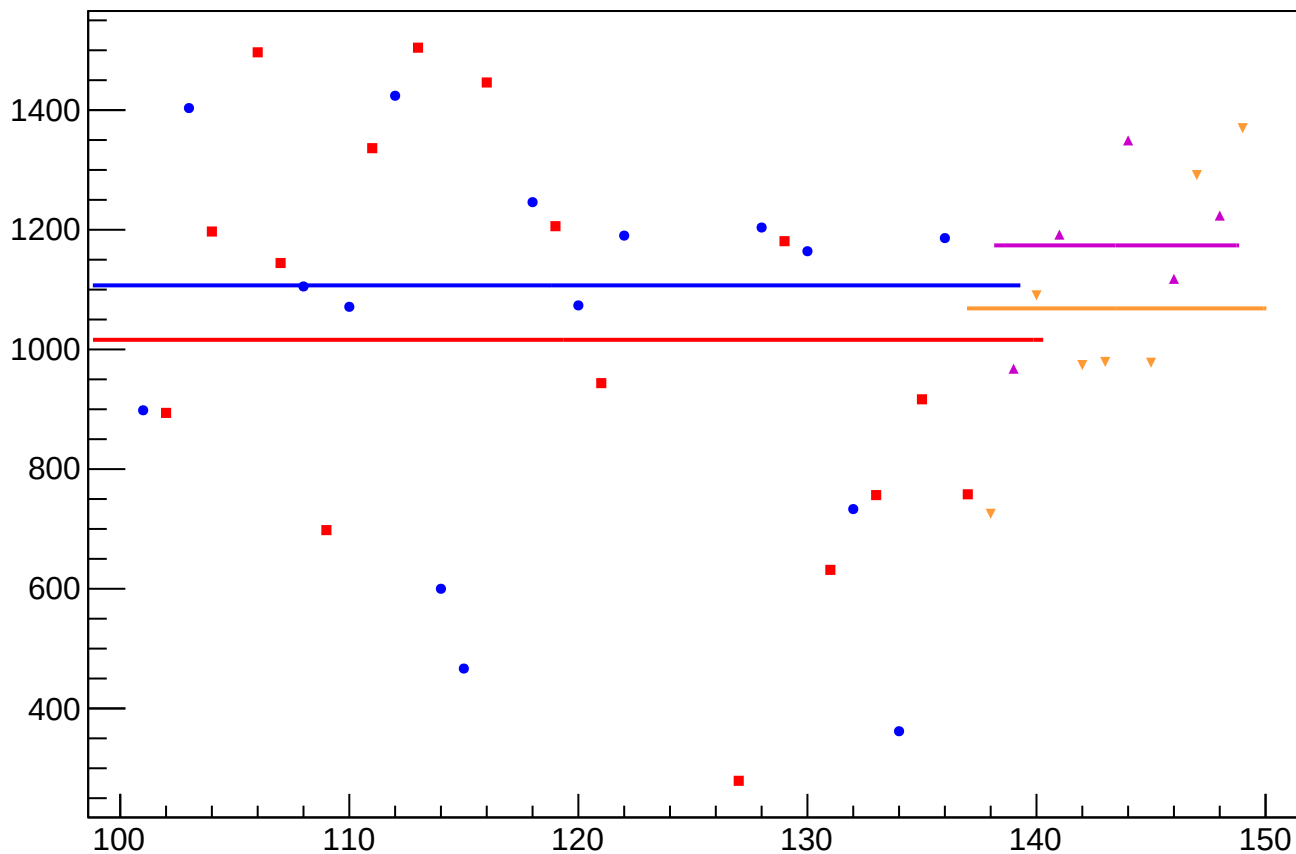
Left Out: 75.249 $\pm$ 0.000 χ^2 /NDF: 140892612274595177643483978480484352.0/6

Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15

Left In: 92.819 $\pm$ 0.000 χ^2 /NDF: 63953876077006216874328785940381696.0/4

All: 114.858 $\pm$ 0.000 χ^2 /NDF: 780998336352.0/15

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1068.570 $\pm$ 0.000 χ^2 /NDF: 22343292753371773007213100881785389056.0/6

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

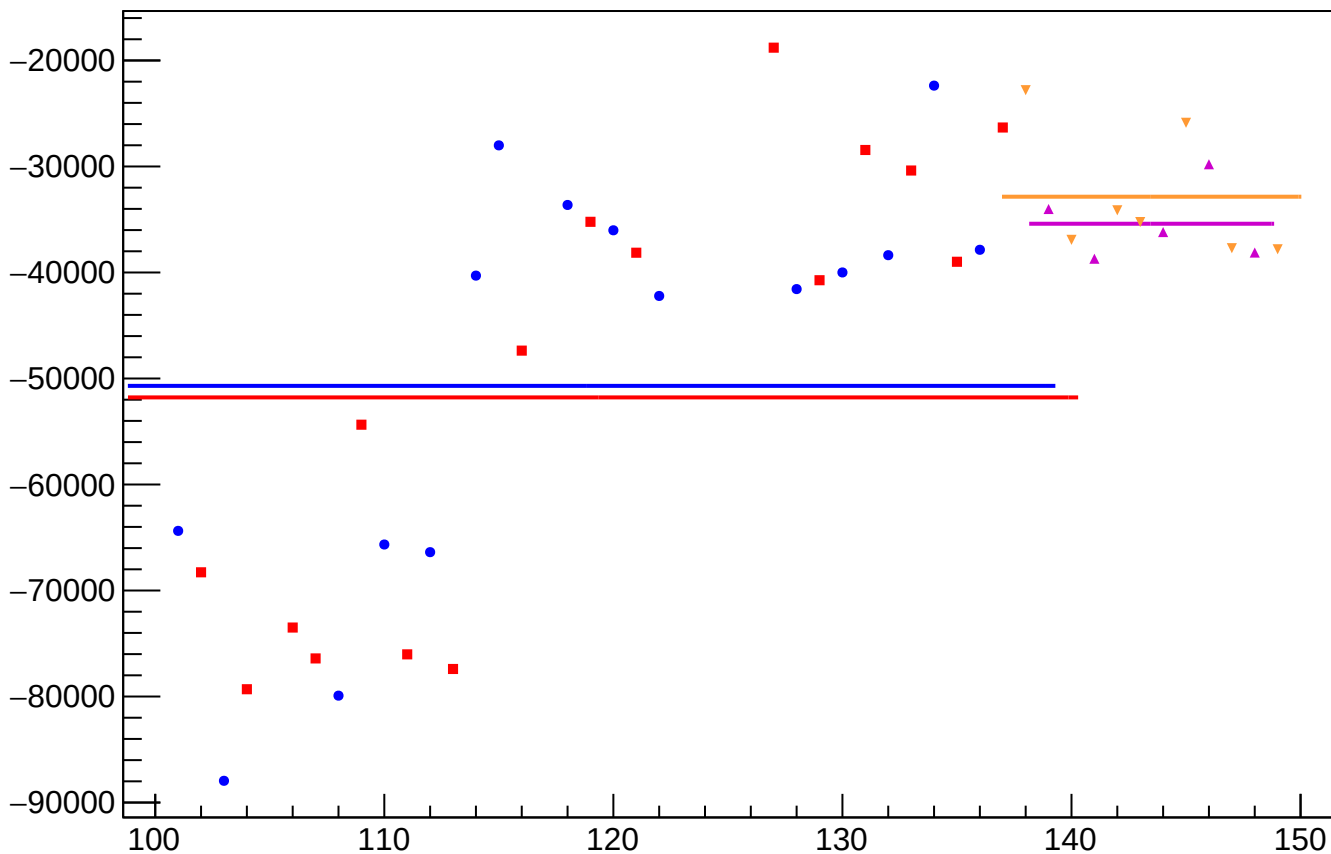
Left In: 1173.900 $\pm$ 0.000 χ^2 /NDF: 6675446999220672067512348047168241664.0/4

+ sign 1090.008 $\pm$ 0.000 χ^2 /NDF: 63402818764483

All: 1083.846 $\pm$ 0.000 χ^2 /NDF: 14917312817

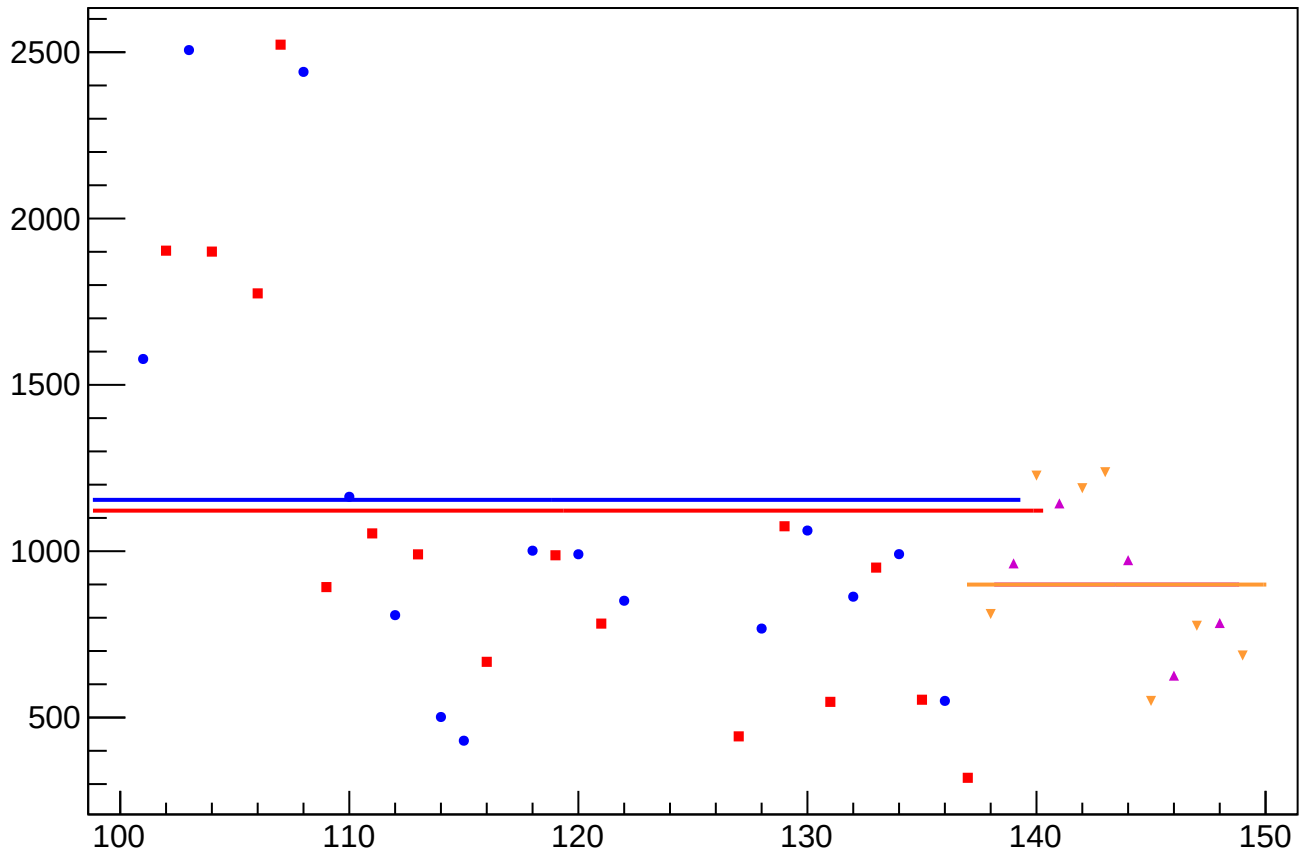
- sign 1077.253 $\pm$ 0.000 χ^2 /NDF: 85678748120132

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -32851.243+/-0.000 χ^2/NDF : 17536605587051152725828329679295422136320.0/6
 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



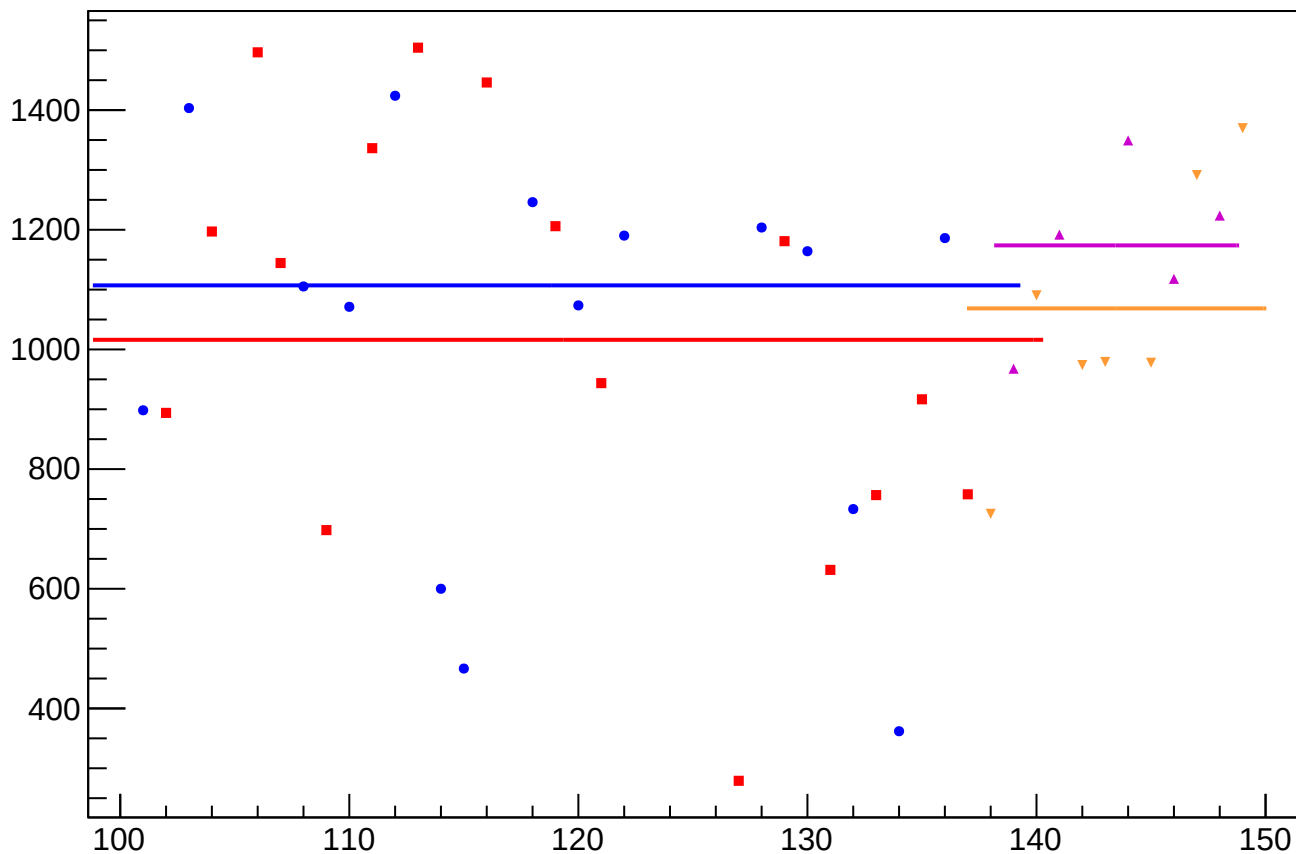
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 899.695+/-0.000 χ^2/NDF : 35829043957566219644460983227047215104.0/6

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



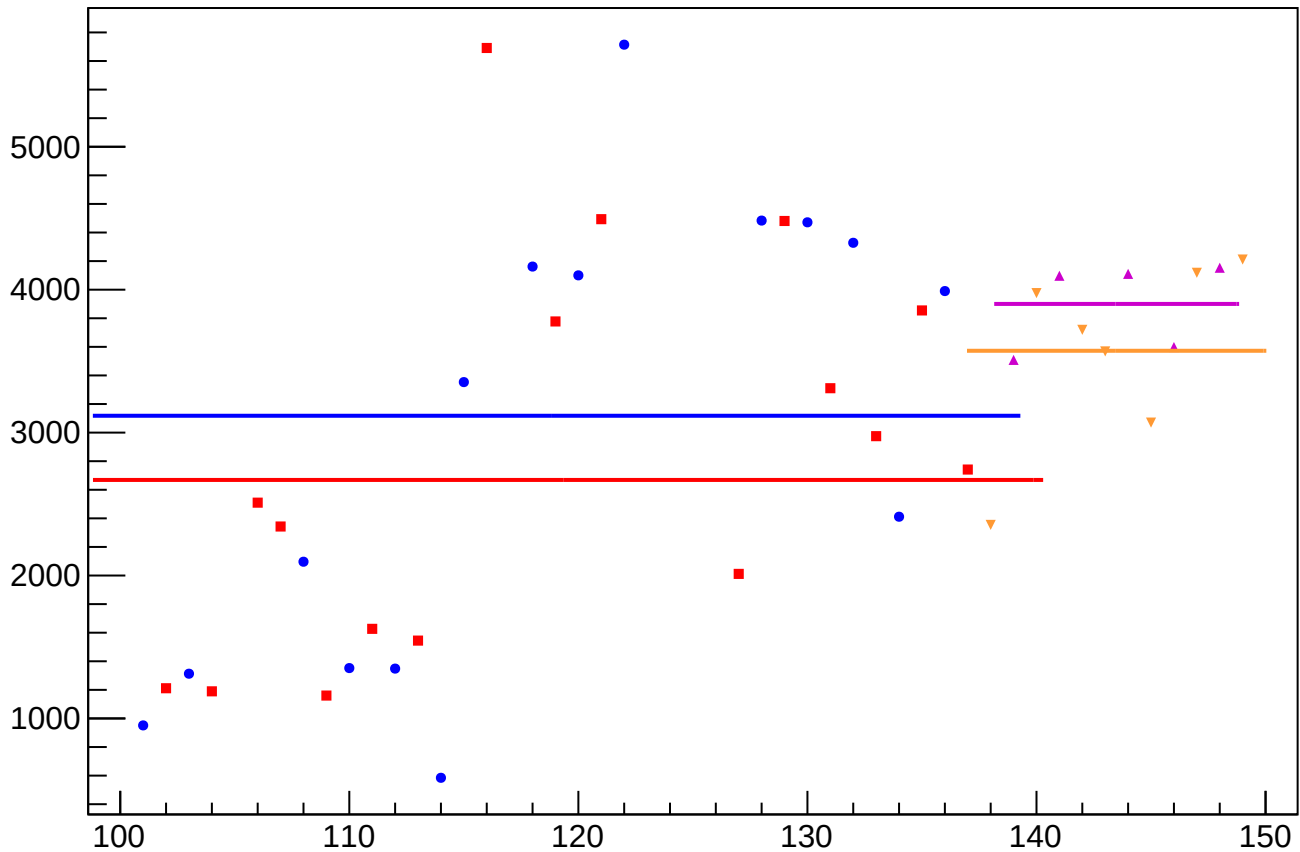
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

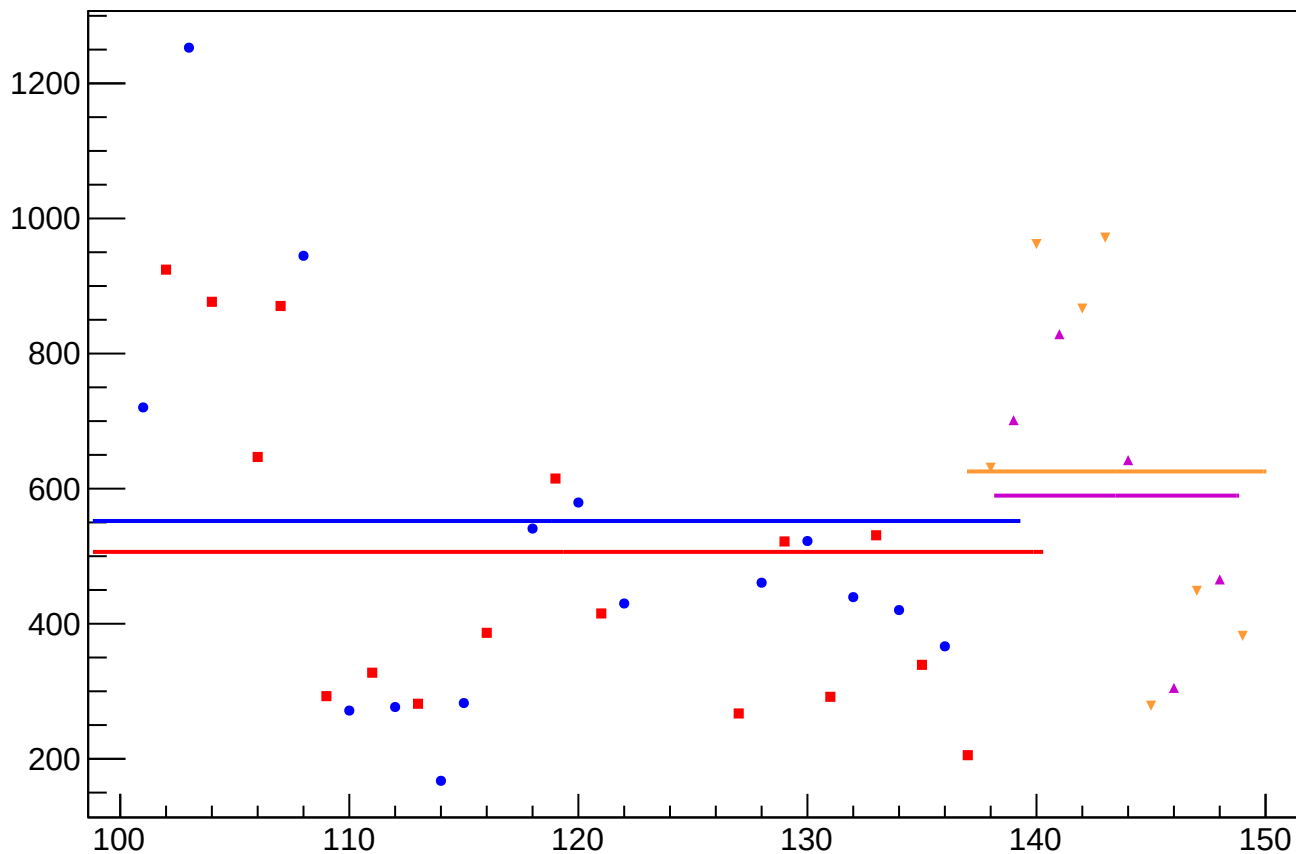
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3572.575+/-0.000 χ^2/NDF : 208048295162351817269676148003337344.0/6
 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: 625.458+/-0.000 χ^2/NDF : 37153152736037117410698060158004625408.0/6

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

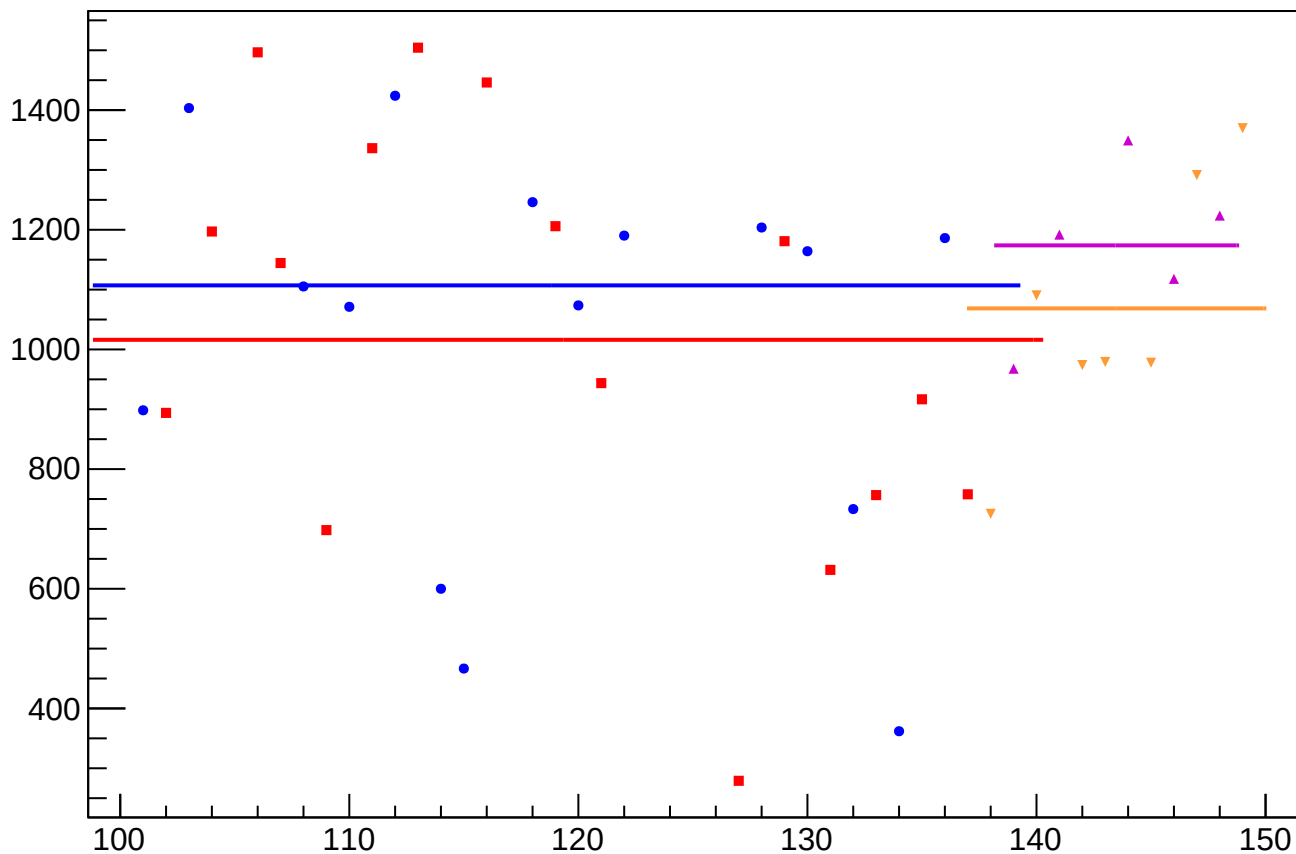
Left In: 589.679+/-0.000 χ^2/NDF : 14135566018482788448814812646120357888.0/4

+ sign 584.596+/-0.000 χ^2/NDF : 894387379982513

All: 562.392+/-0.000 χ^2/NDF : 14373974601

- sign 538.638+/-0.000 χ^2/NDF : 531121796550655

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

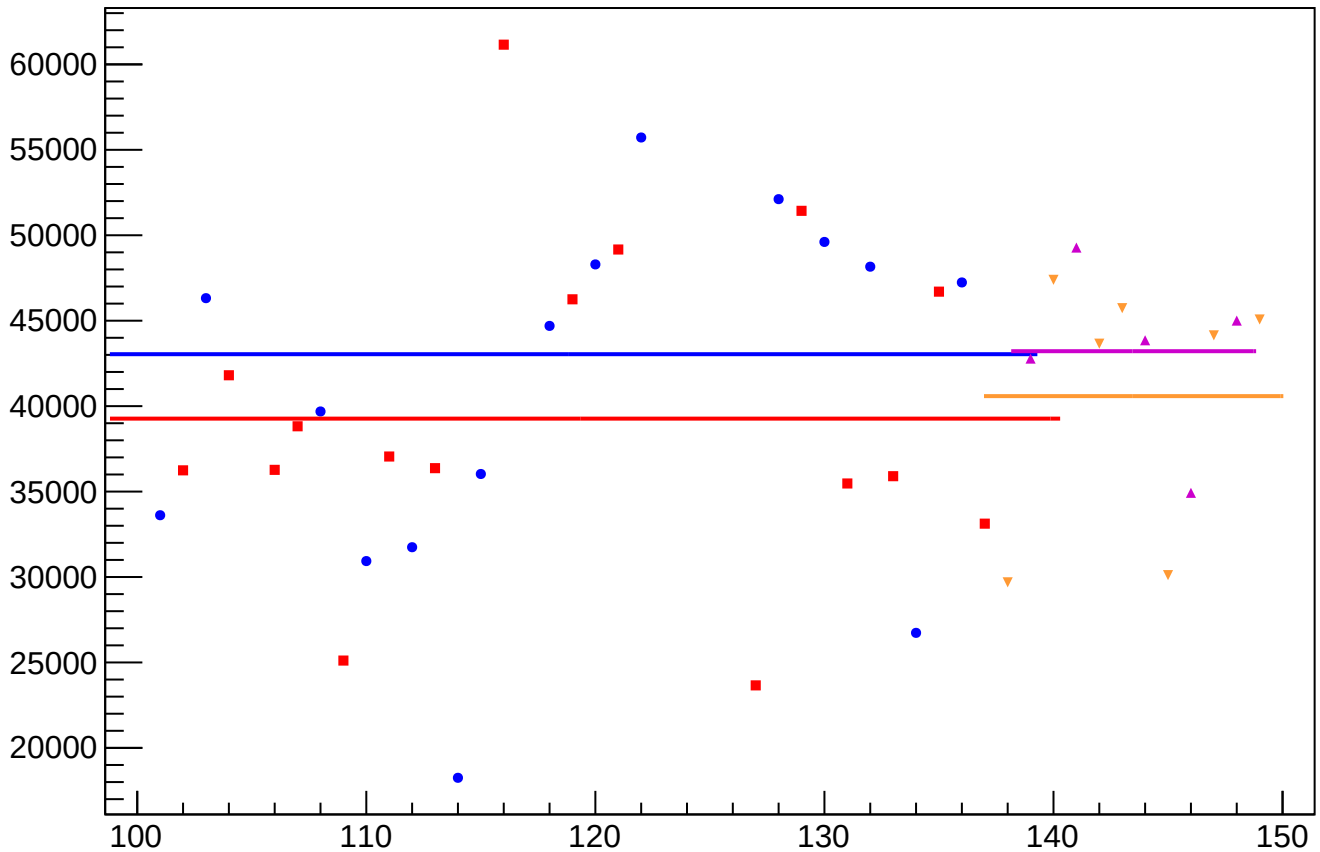
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

+ sign 1090.008+/-0.000 χ^2/NDF : 63402818764483

All: 1083.846+/-0.000 χ^2/NDF : 14917312817

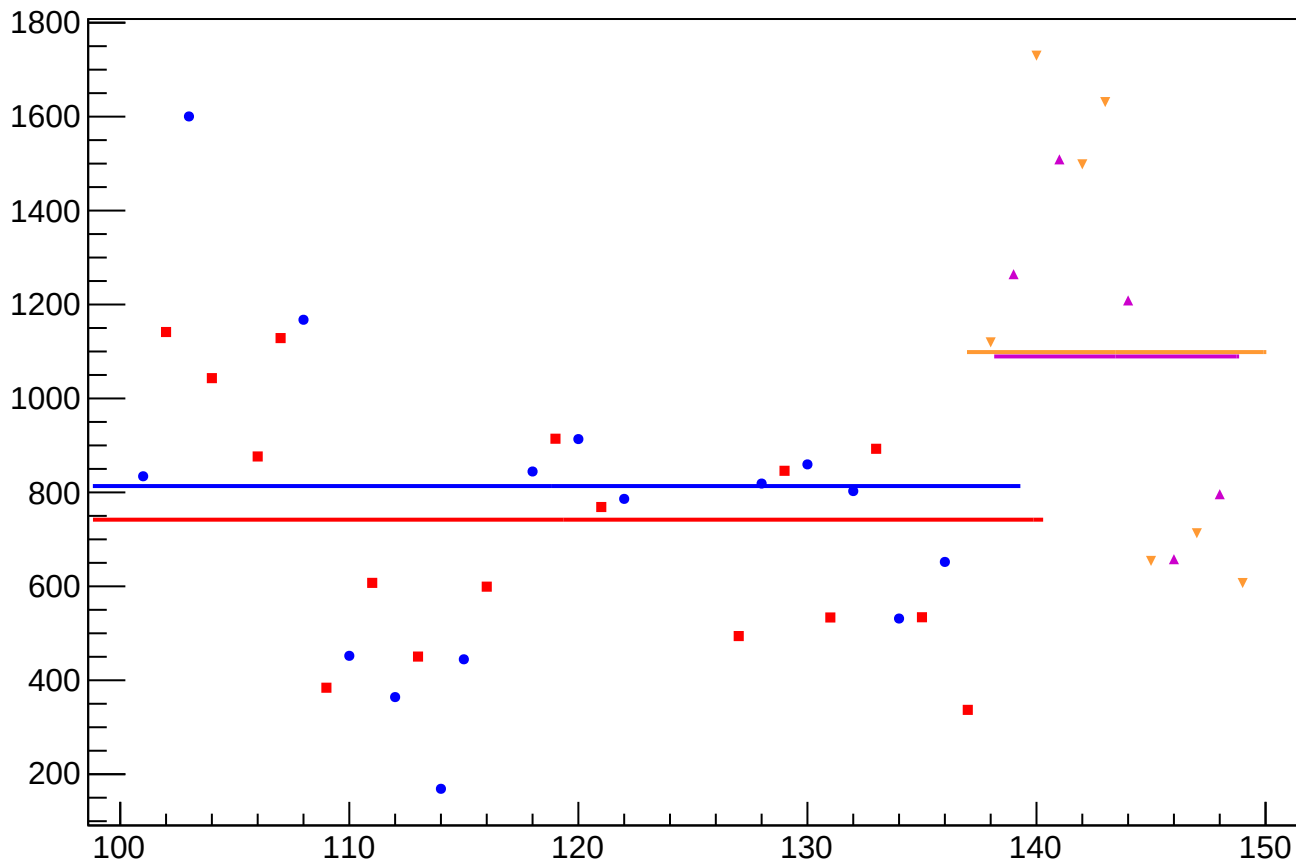
- sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 40585.798+/-0.000 χ^2/NDF : 26835074958709985928181610801821007216640.0/6
 Right Out: 39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: 43215.249+/-0.000 χ^2/NDF : 9147755624794970383720486714470939230208.0/4

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

+ sign 939.837+/-0.000 χ^2/NDF : 197456417656354

Left Out: 1098.738+/-0.000 χ^2/NDF : 106948132853347247132135220107349590016.0/6

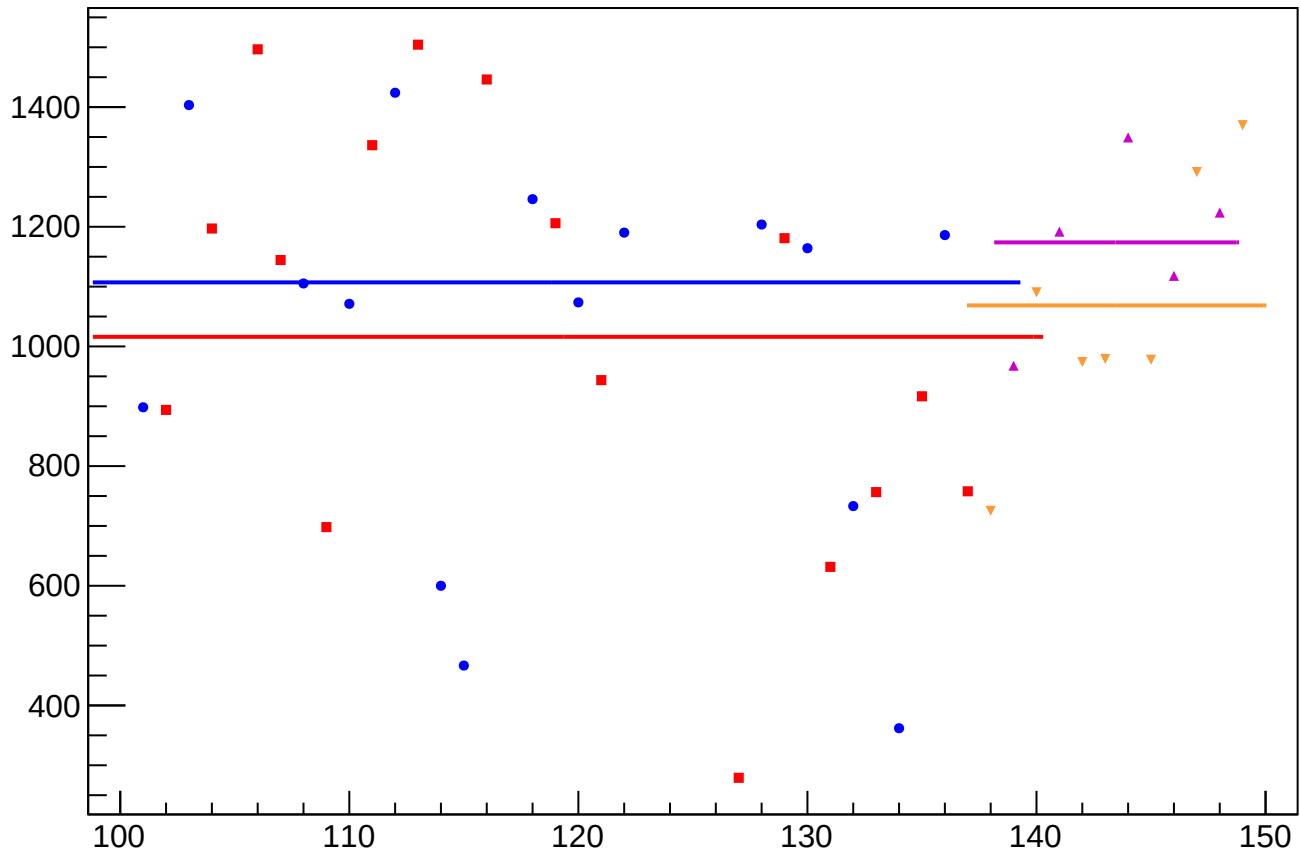
All: 909.279+/-0.000 χ^2/NDF : 31640965414

Right Out: 741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

- sign 876.588+/-0.000 χ^2/NDF : 116701559364416

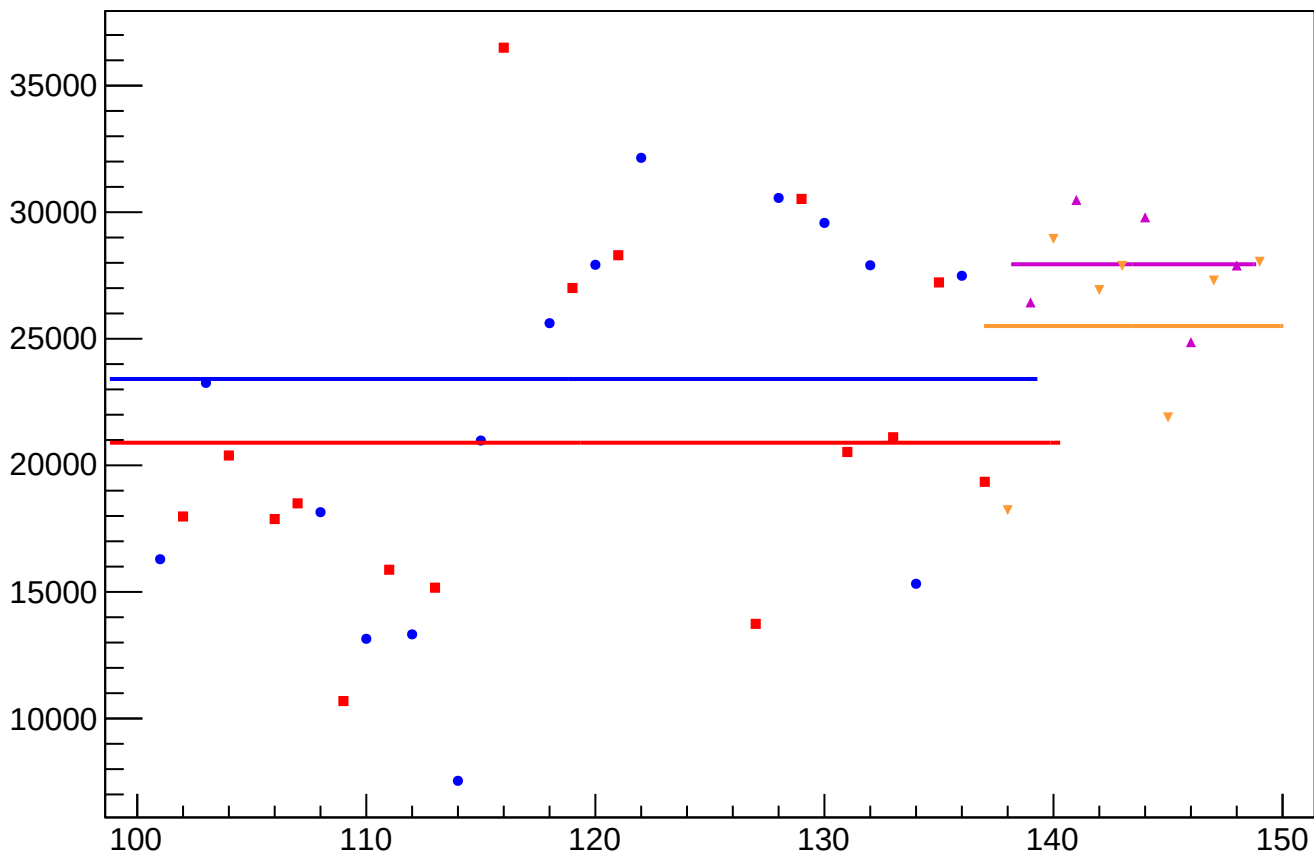
Left In: 1089.455+/-0.000 χ^2/NDF : 41407667010284085489364754564024107008.0/4

dit_sam4_coil4_Ndata_mean vs Slug



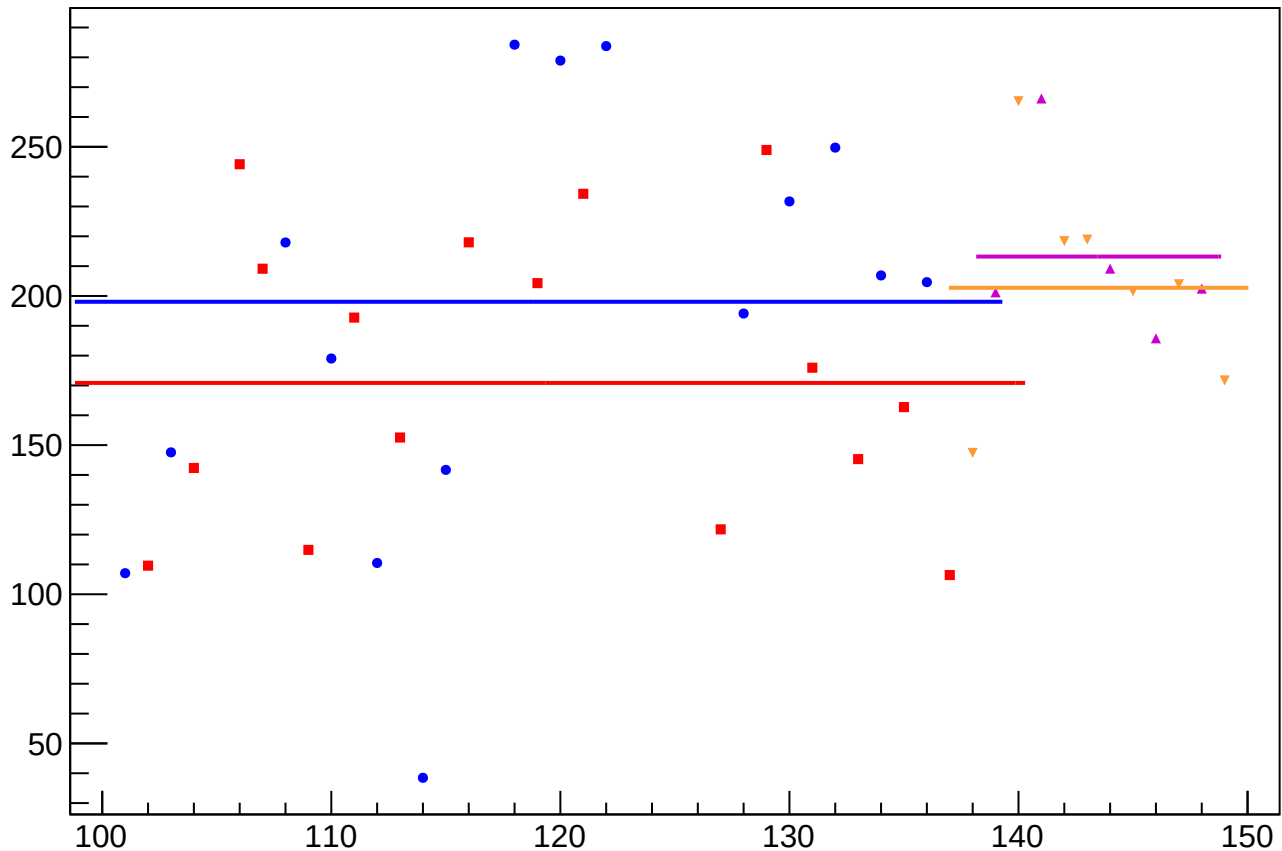
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_sam5_coil4_mean vs Slug



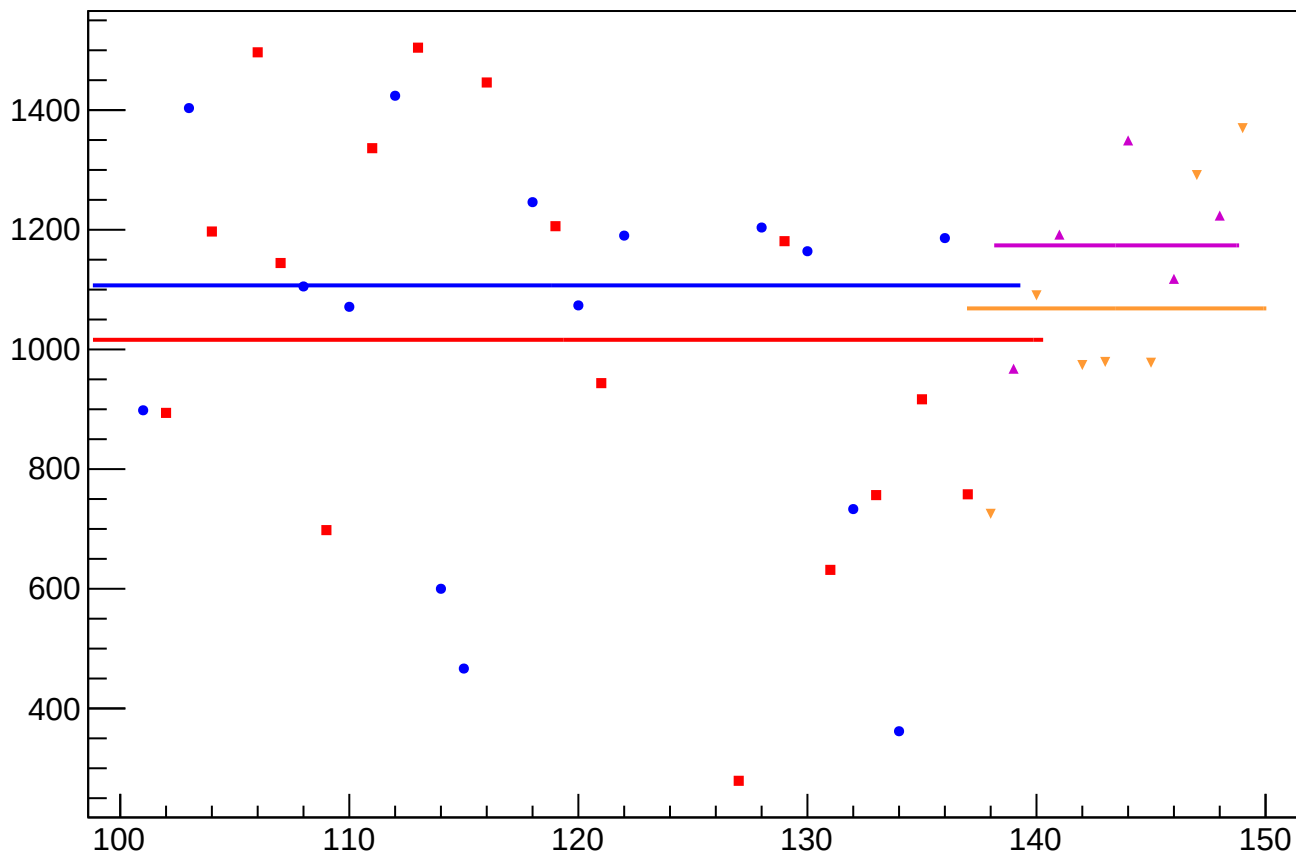
Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 25503.009+/-0.000 χ^2/NDF : 7419355078574138911092812480501564571648.0/6
 Right Out: 20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: 27943.112+/-0.000 χ^2/NDF : 1824400728659798613601412339000353488896.0/4

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056 $\pm$ 0.000 χ^2 /NDF: 2482928792293864415922382990034862080.0/14
 Left Out: 202.736 $\pm$ 0.000 χ^2 /NDF: 669493876817420279309588988174532608.0/6
 Right Out: 170.851 $\pm$ 0.000 χ^2 /NDF: 1418314816915016425155520631536615424.0/15
 Left In: 213.202 $\pm$ 0.000 χ^2 /NDF: 323859928687876423682997870529609728.0/4

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1068.570 $\pm$ 0.000 χ^2 /NDF: 22343292753371773007213100881785389056.0/6

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

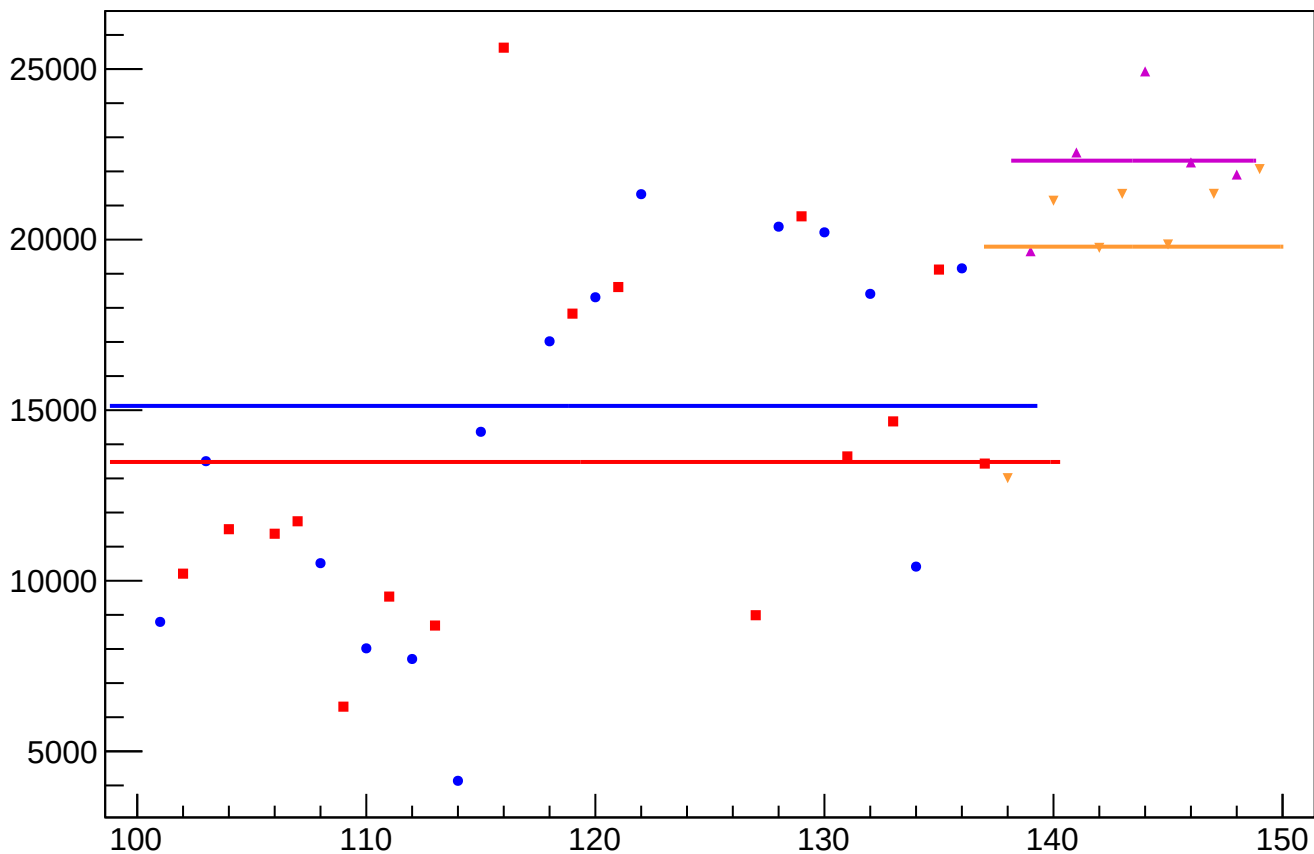
Left In: 1173.900 $\pm$ 0.000 χ^2 /NDF: 6675446999220672067512348047168241664.0/4

+ sign 1090.008 $\pm$ 0.000 χ^2 /NDF: 63402818764483

All: 1083.846 $\pm$ 0.000 χ^2 /NDF: 14917312817

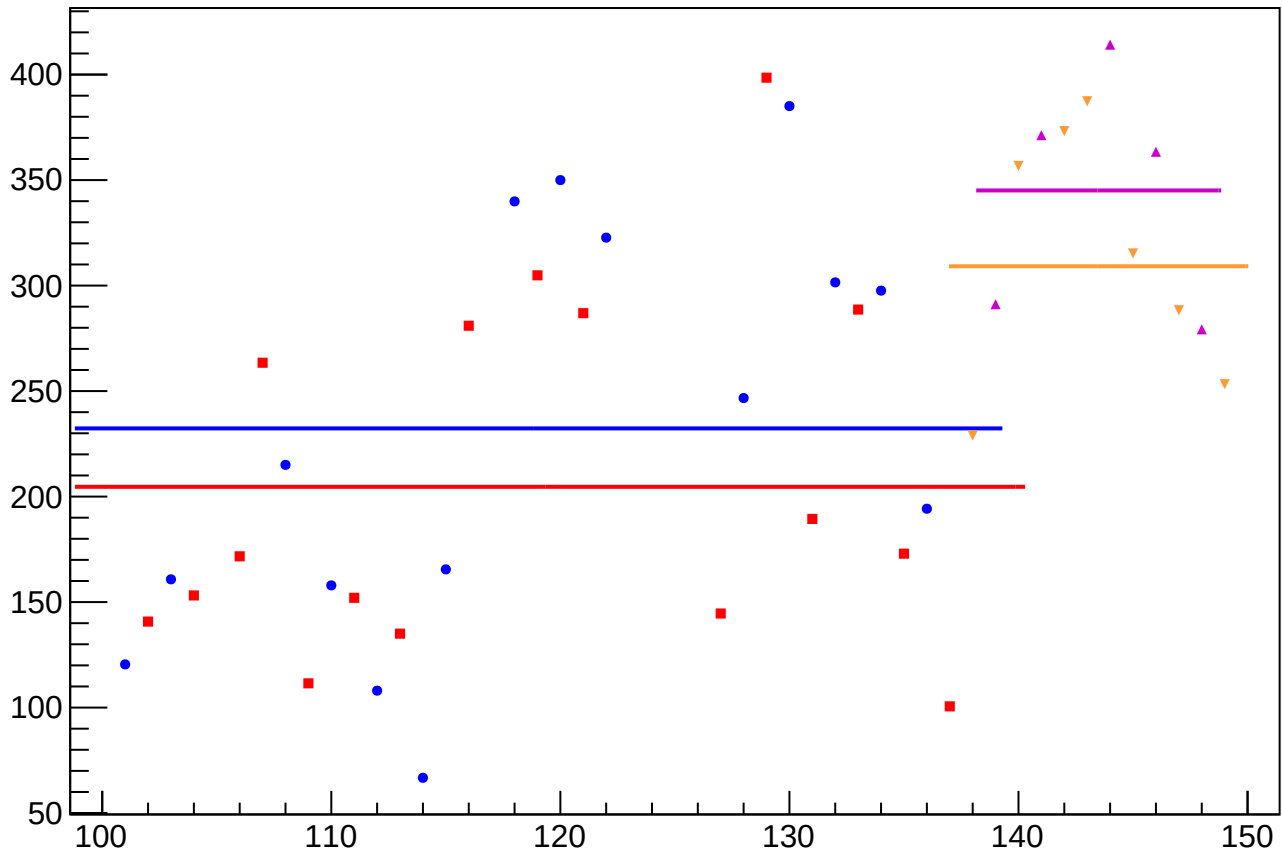
- sign 1077.253 $\pm$ 0.000 χ^2 /NDF: 85678748120132

dit_sam6_coil4_mean vs Slug



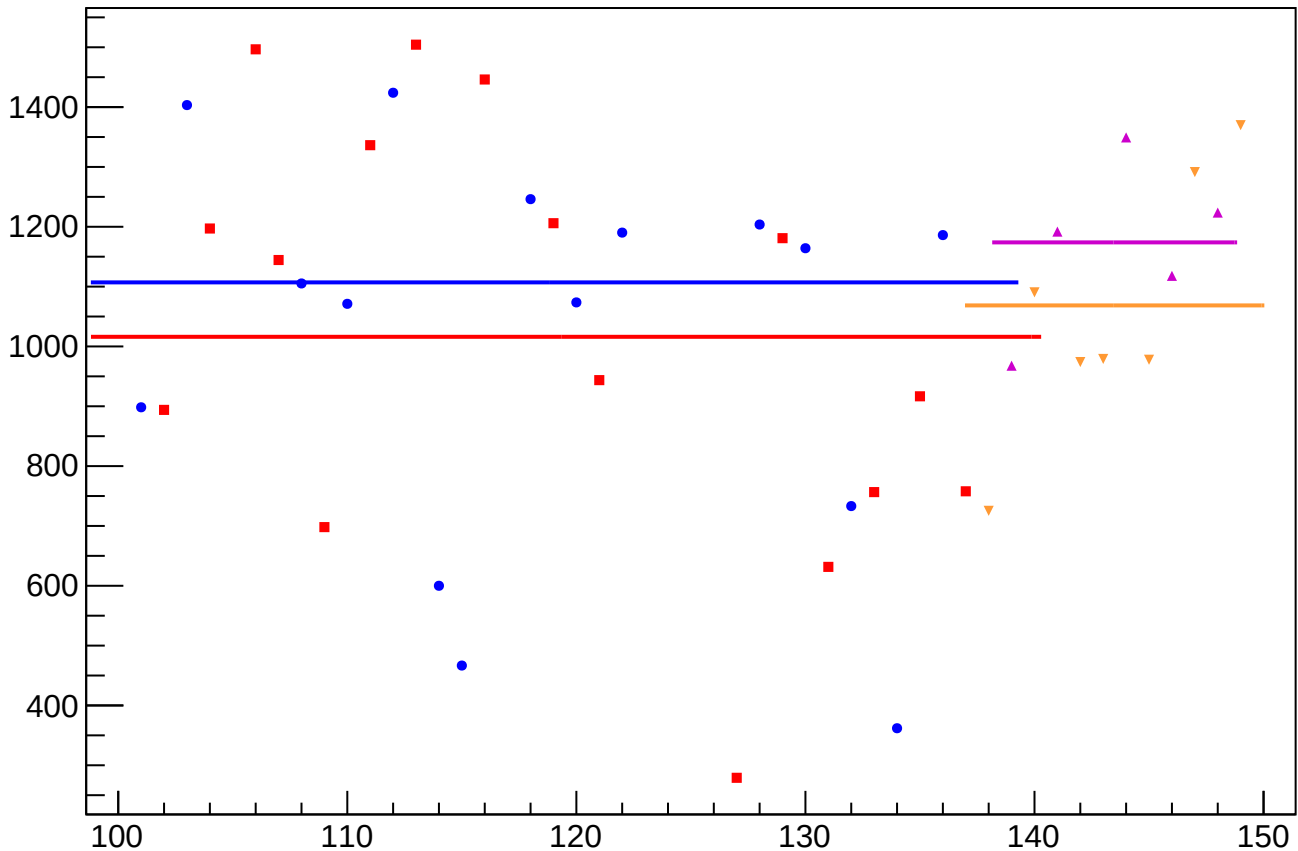
Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 19793.686+/-0.000 χ^2/NDF : 4523019456955194648979426408346888962048.0/6
 Right Out: 13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: 22314.711+/-0.000 χ^2/NDF : 1199402624853446190470714501962961780736.0/4

dit_sam6_coil4_err_mean vs Slug



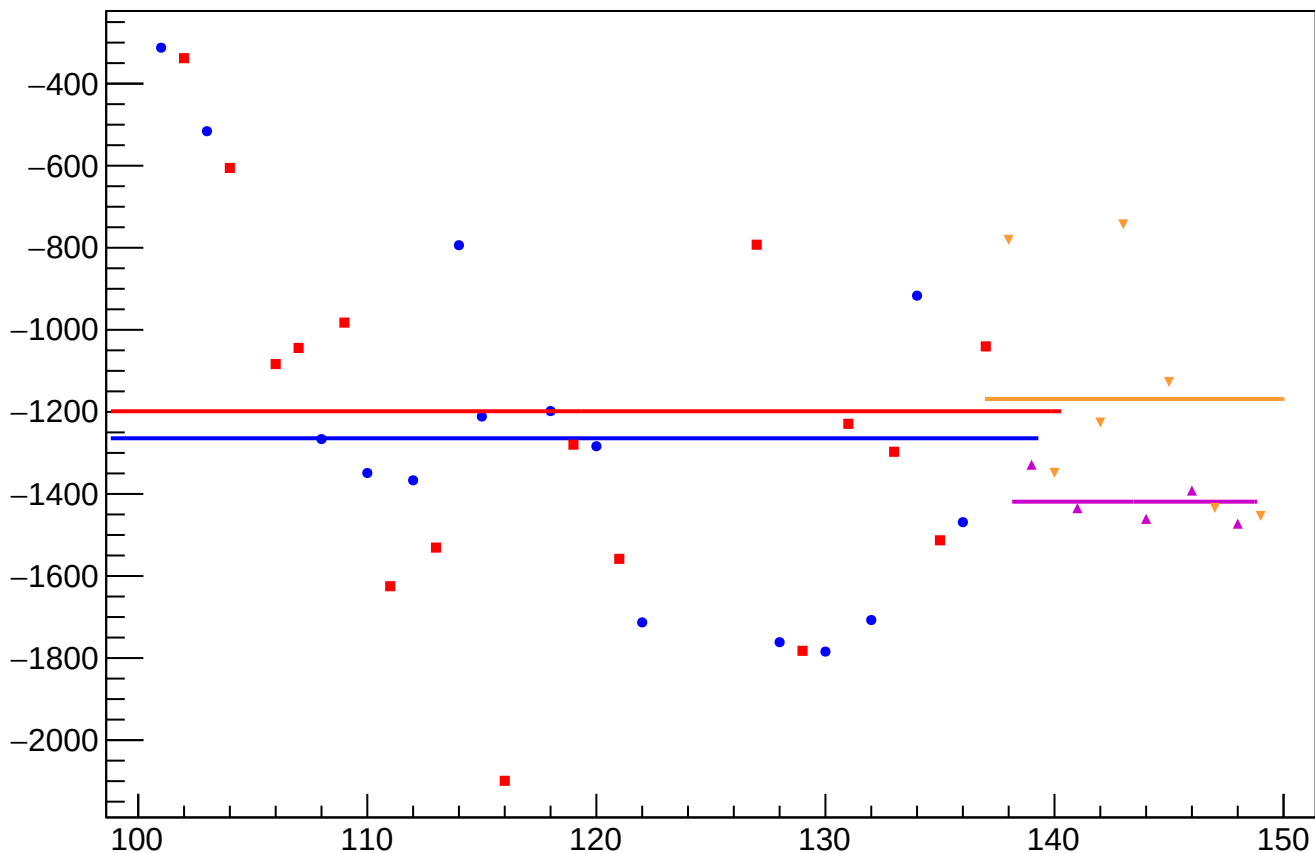
Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14	+ sign 266.347+/-0.000	χ^2/NDF : 876025828855936
Left Out: 309.153+/-0.000	χ^2/NDF : 1584774954630553989171409070208319488.0/6	All: 262.828+/-0.000	χ^2/NDF : 195544574167
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15	- sign 259.065+/-0.000	χ^2/NDF : 107643522455777
Left In: 345.091+/-0.000	χ^2/NDF : 1110366622880478274136538627532914688.0/4		

dit_sam6_coil4_Ndata_mean vs Slug



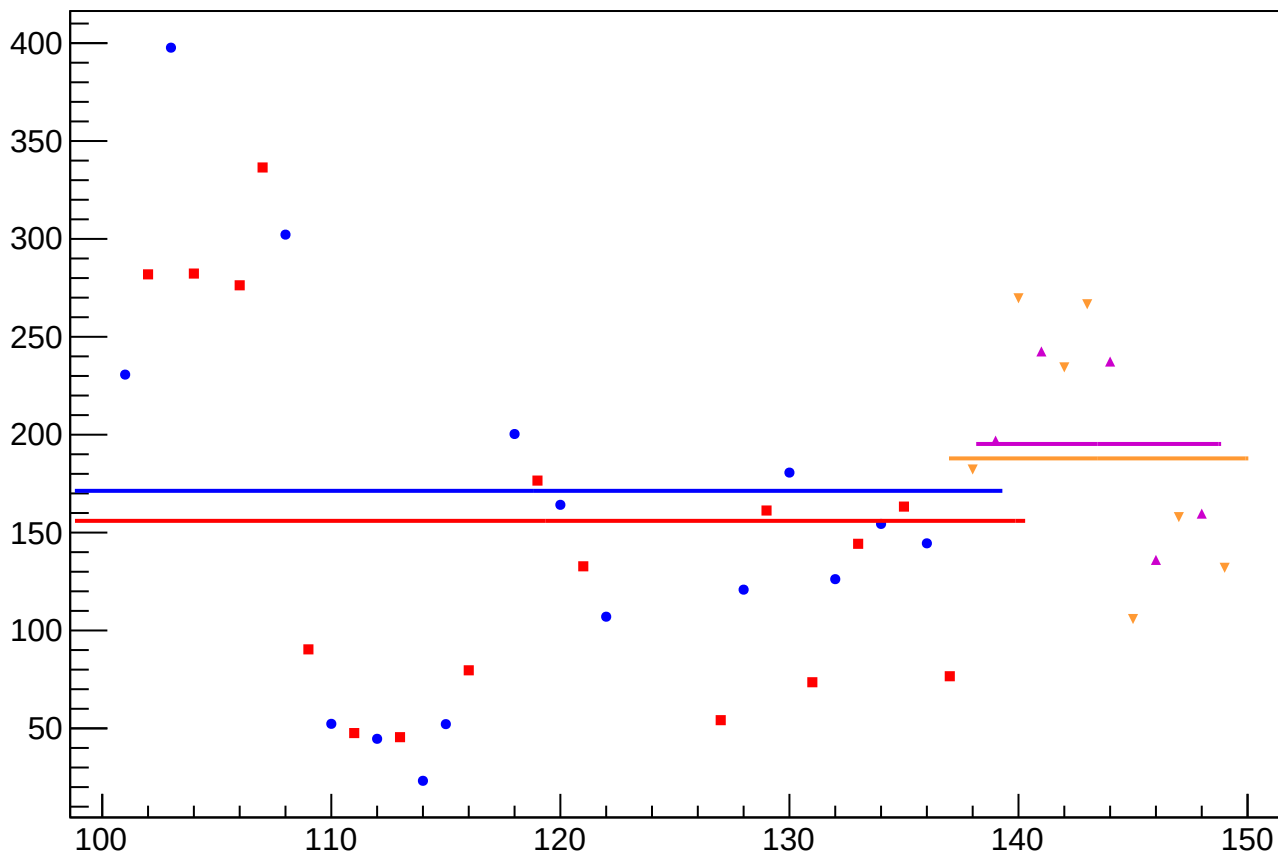
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_sam7_coil4_mean vs Slug



Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1168.522 ± 0.000 χ^2/NDF : 39129998020825827729651705781902376960.0/6
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1418.864 ± 0.000 χ^2/NDF : 1137099779116639415227048984831852544.0/4

dit_sam7_coil4_err_mean vs Slug



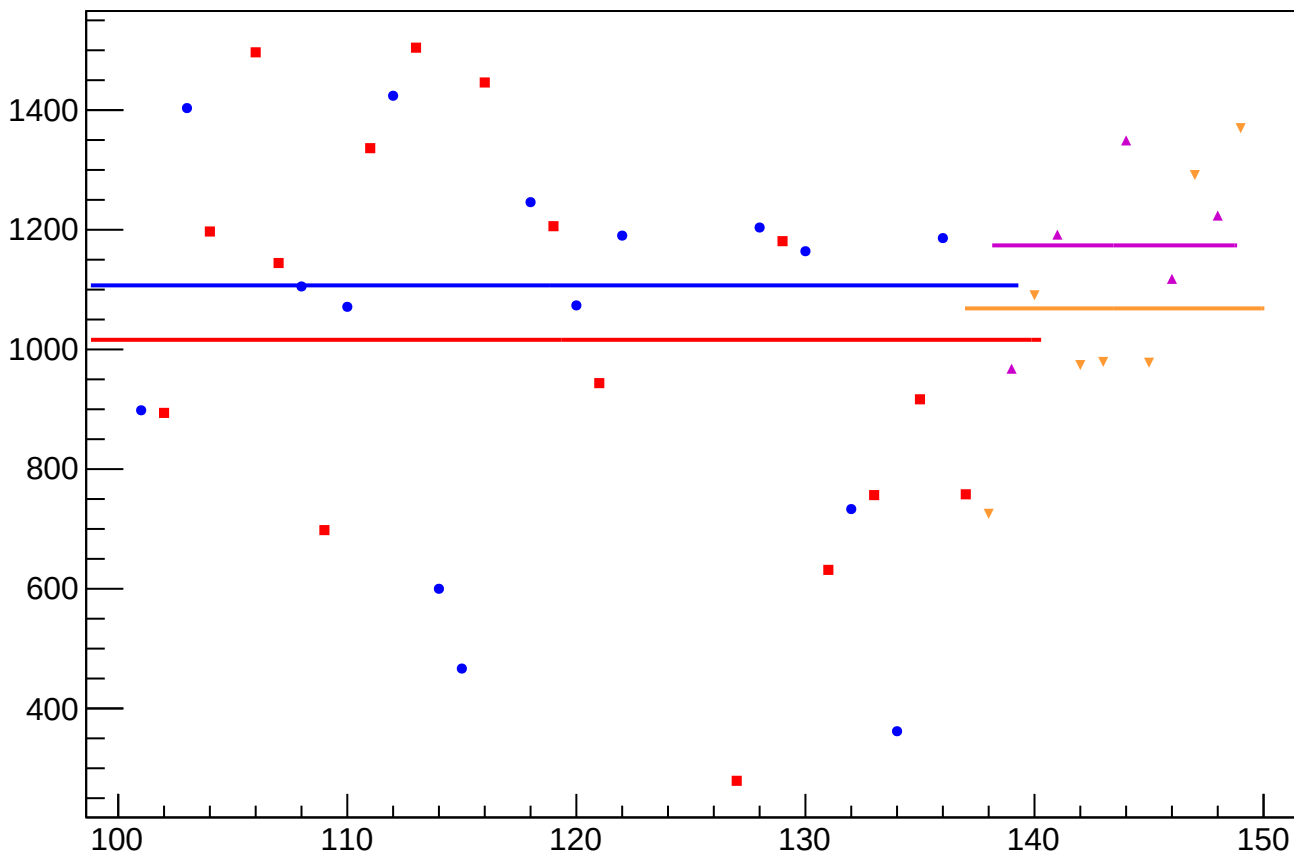
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

Left Out: 187.888+/-0.000 χ^2/NDF : 1943380443779503531175069154753380352.0/6

Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

Left In: 195.267+/-0.000 χ^2/NDF : 745337832753853418183798731992727552.0/4

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1068.570 $\pm$ 0.000 χ^2 /NDF: 22343292753371773007213100881785389056.0/6

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

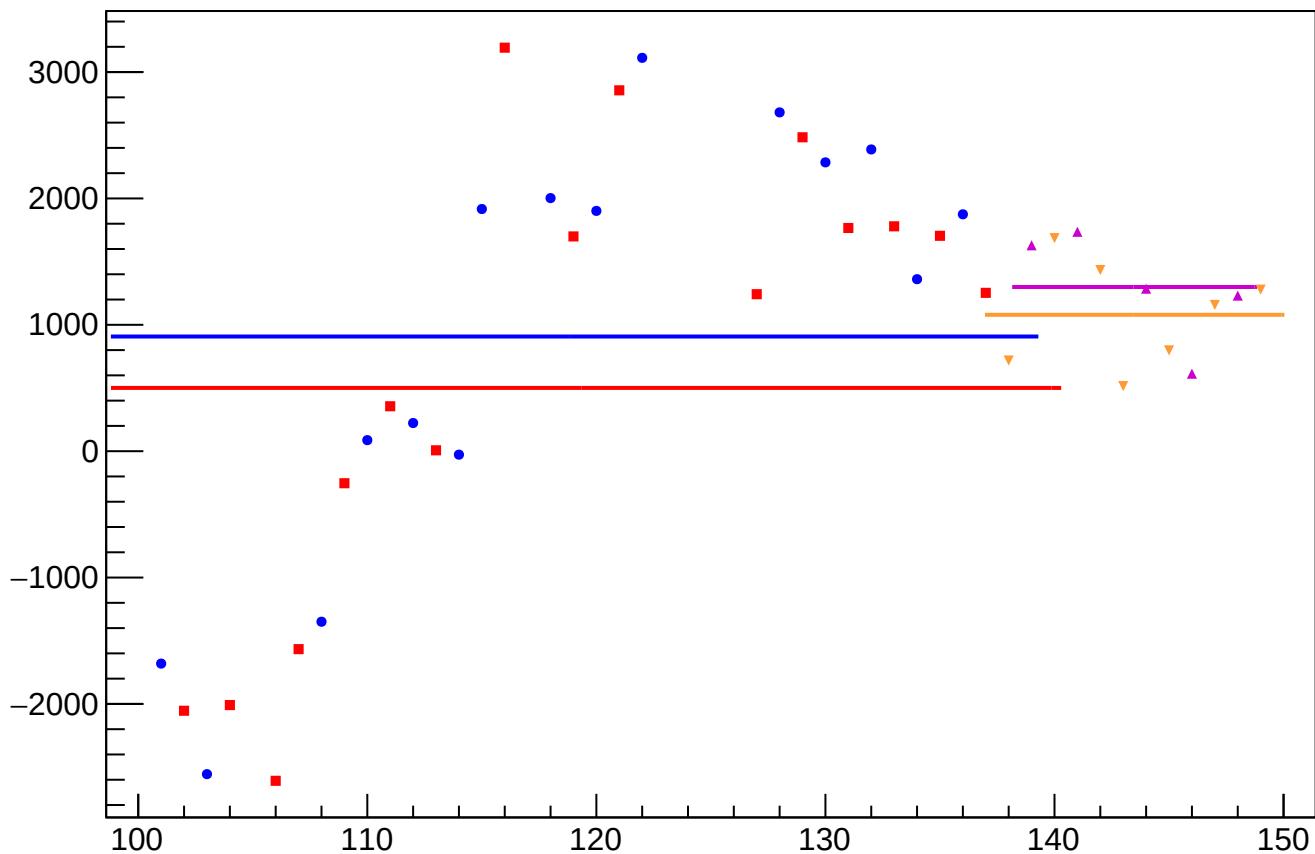
Left In: 1173.900 $\pm$ 0.000 χ^2 /NDF: 6675446999220672067512348047168241664.0/4

+ sign 1090.008 $\pm$ 0.000 χ^2 /NDF: 63402818764483

All: 1083.846 $\pm$ 0.000 χ^2 /NDF: 14917312817

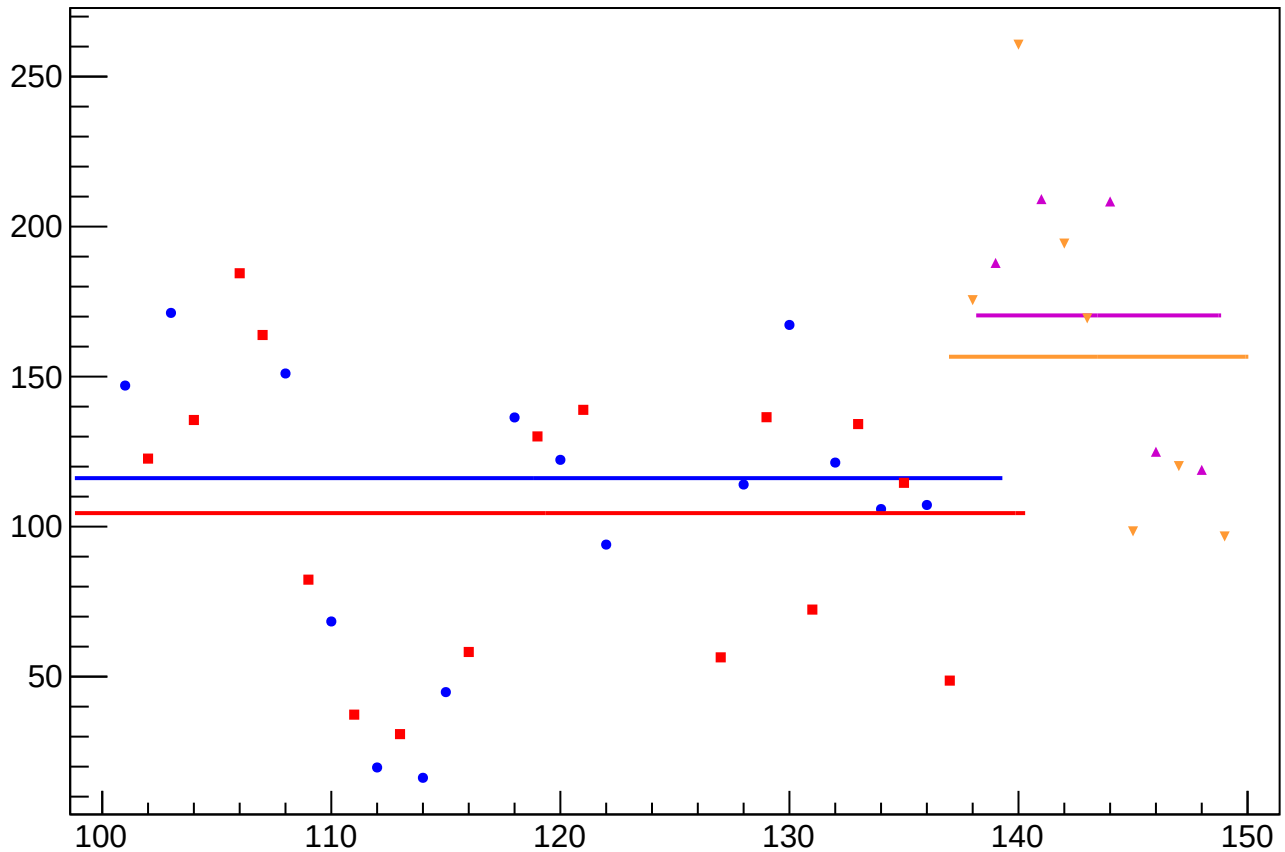
- sign 1077.253 $\pm$ 0.000 χ^2 /NDF: 85678748120132

dit_sam8_coil4_mean vs Slug



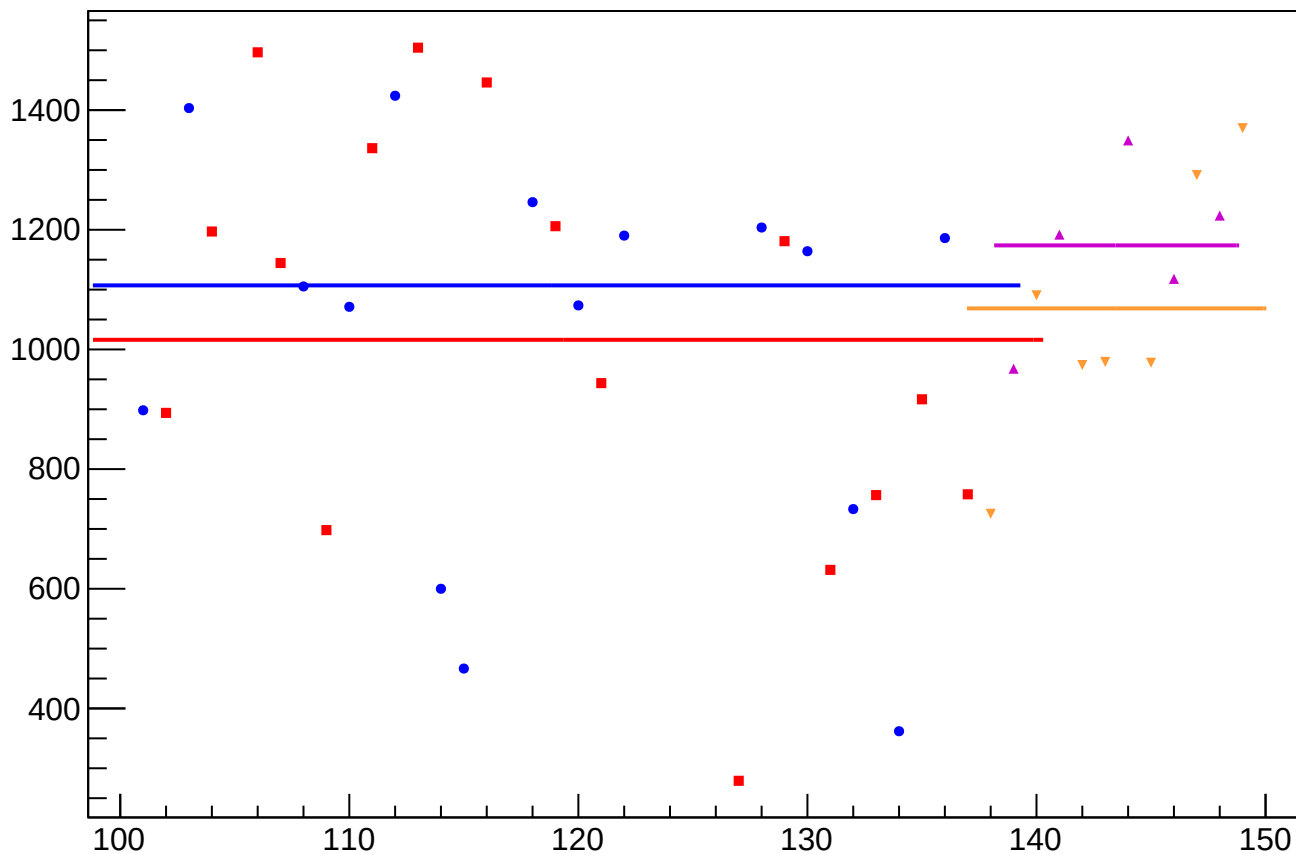
Right In: 907.442 $\pm$ 0.000 χ^2 /NDF: 2107238007691848638499662178406566461440.0/14
 Left Out: 1079.317 $\pm$ 0.000 χ^2 /NDF: 77735110471757343636738843937081393152.0/6
 Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15
 Left In: 1299.372 $\pm$ 0.000 χ^2 /NDF: 64515145020429587547392956276070678528.0/4

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000	χ^2/NDF : 1198526427485199785396504127288115200.0/14	+ sign 134.083+/-0.000	χ^2/NDF : 334006676279404
Left Out: 156.626+/-0.000	χ^2/NDF : 1670824426107452266455037356682510336.0/6	All: 132.127+/-0.000	χ^2/NDF : 643249548738
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: 1068.570+/-0.000 χ^2/NDF : 22343292753371773007213100881785389056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

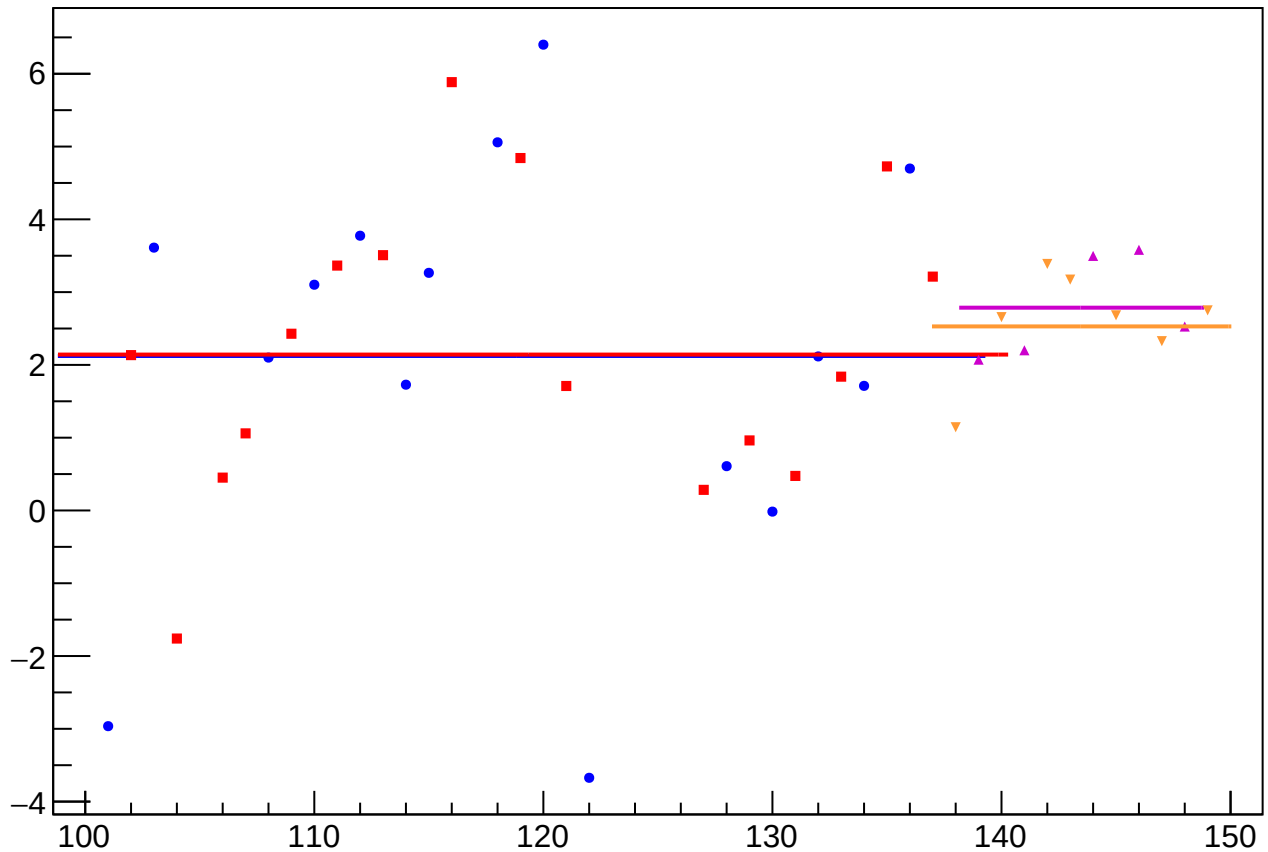
Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

+ sign 1090.008+/-0.000 χ^2/NDF : 63402818764483

All: 1083.846+/-0.000 χ^2/NDF : 14917312817

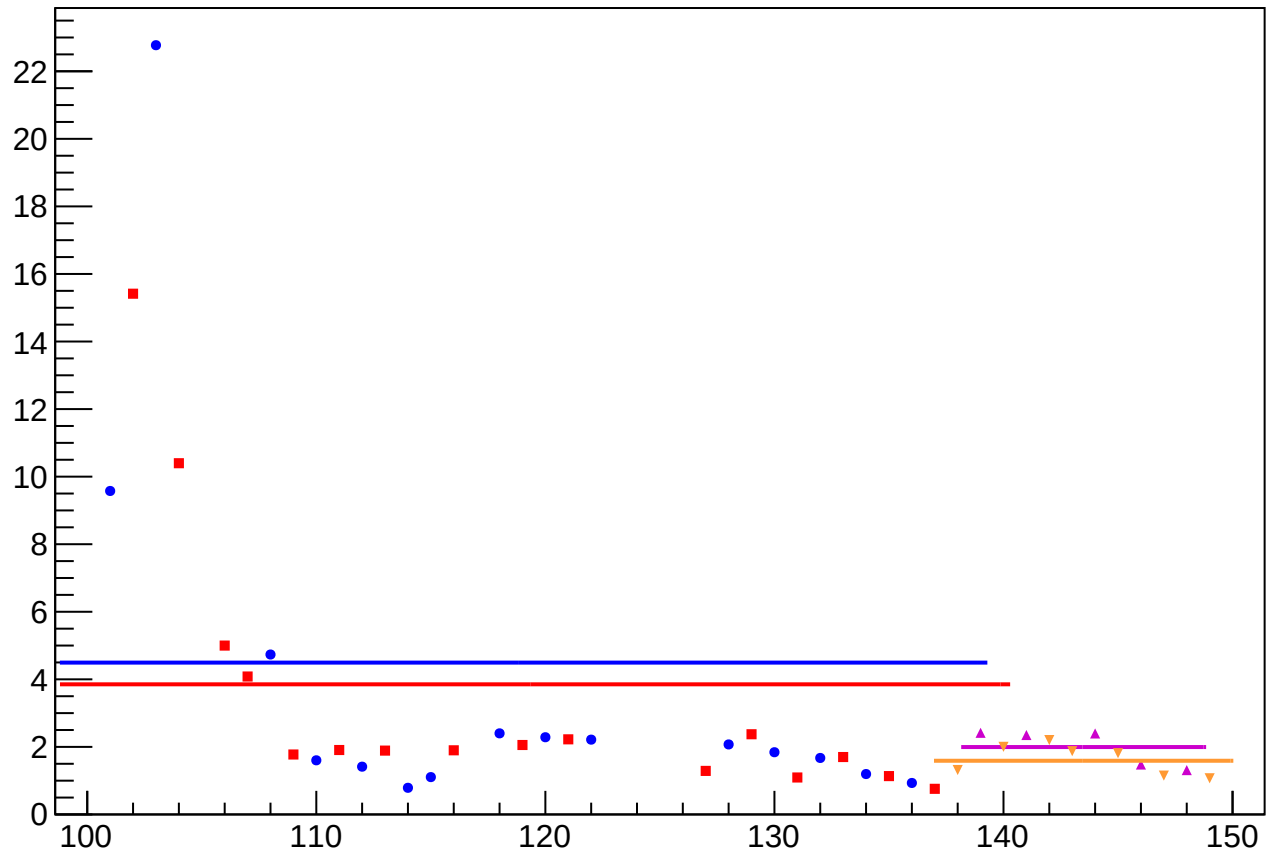
- sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.529+/-0.000 χ^2/NDF : 221830897354973935084321174978560.0/6
 Right Out: 2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: 2.786+/-0.000 χ^2/NDF : 173602113735490701881616539582464.0/4

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.590 $\pm$ 0.000 χ^2/NDF : 84207177399821328419765031534592.0/6

Right Out: 3.852 $\pm$ 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

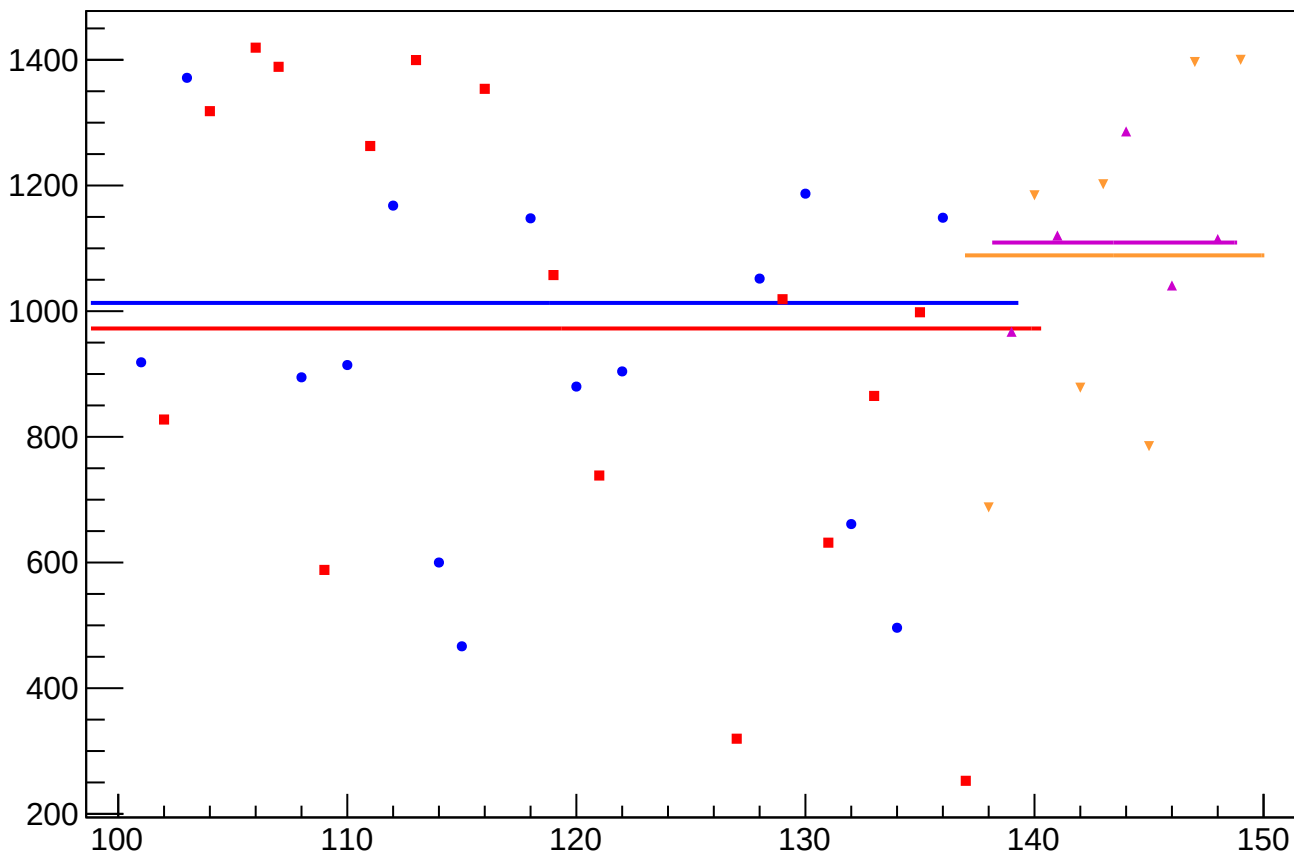
Left In: 1.996 $\pm$ 0.000 χ^2/NDF : 100948449764435272947588294246400.0/4

+ sign 3.208 $\pm$ 0.000 χ^2/NDF : 27781117563262739

All: 3.172 $\pm$ 0.000 χ^2/NDF : 4109140954828

- sign 3.133 $\pm$ 0.000 χ^2/NDF : 13307092742164908

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1088.810 $\pm$ 0.000 χ^2 /NDF: 39182171967707839802810616426109337600.0/6

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

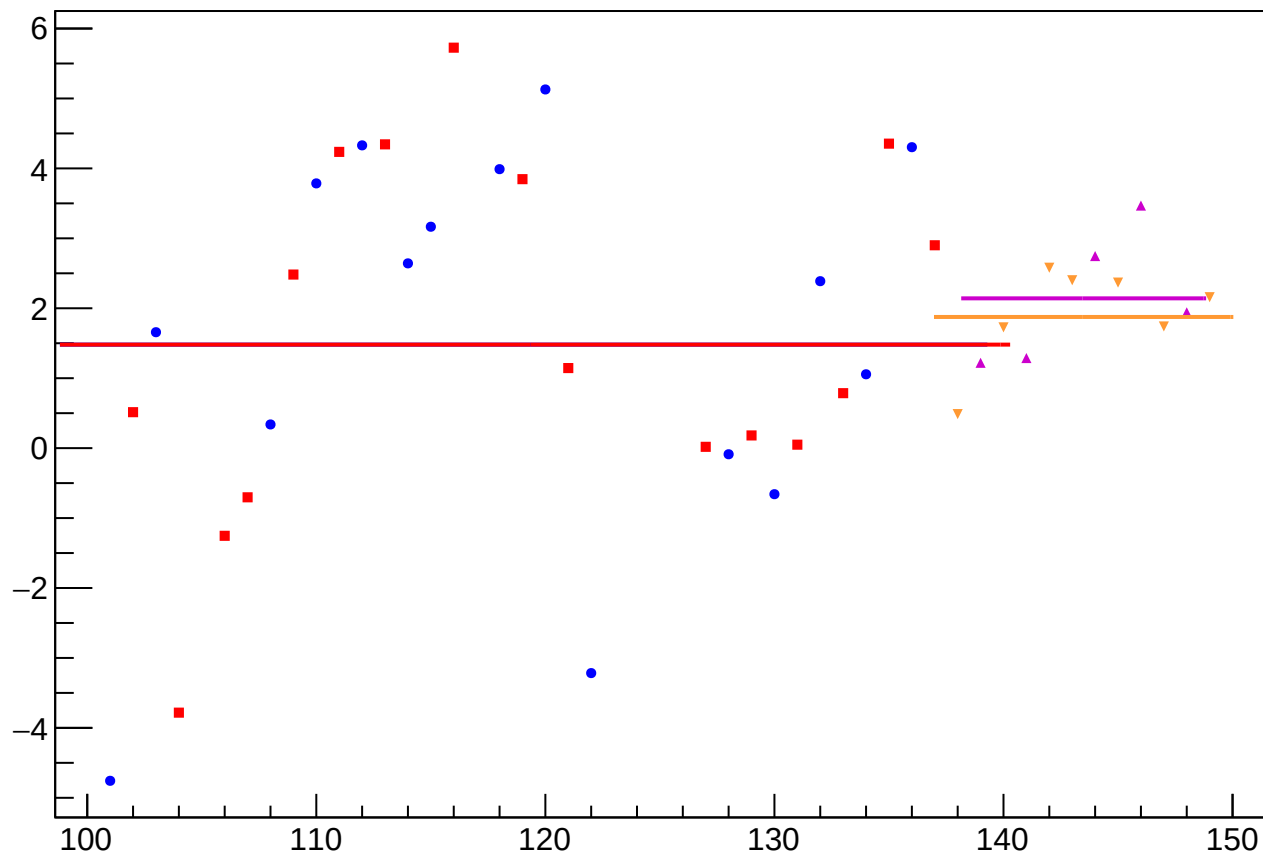
Left In: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

+ sign 1046.659 $\pm$ 0.000 χ^2 /NDF: 72549116108946

All: 1036.417 $\pm$ 0.000 χ^2 /NDF: 16133861968

- sign 1025.460 $\pm$ 0.000 χ^2 /NDF: 88536551817799

dit_4eX_coil6_mean vs Slug



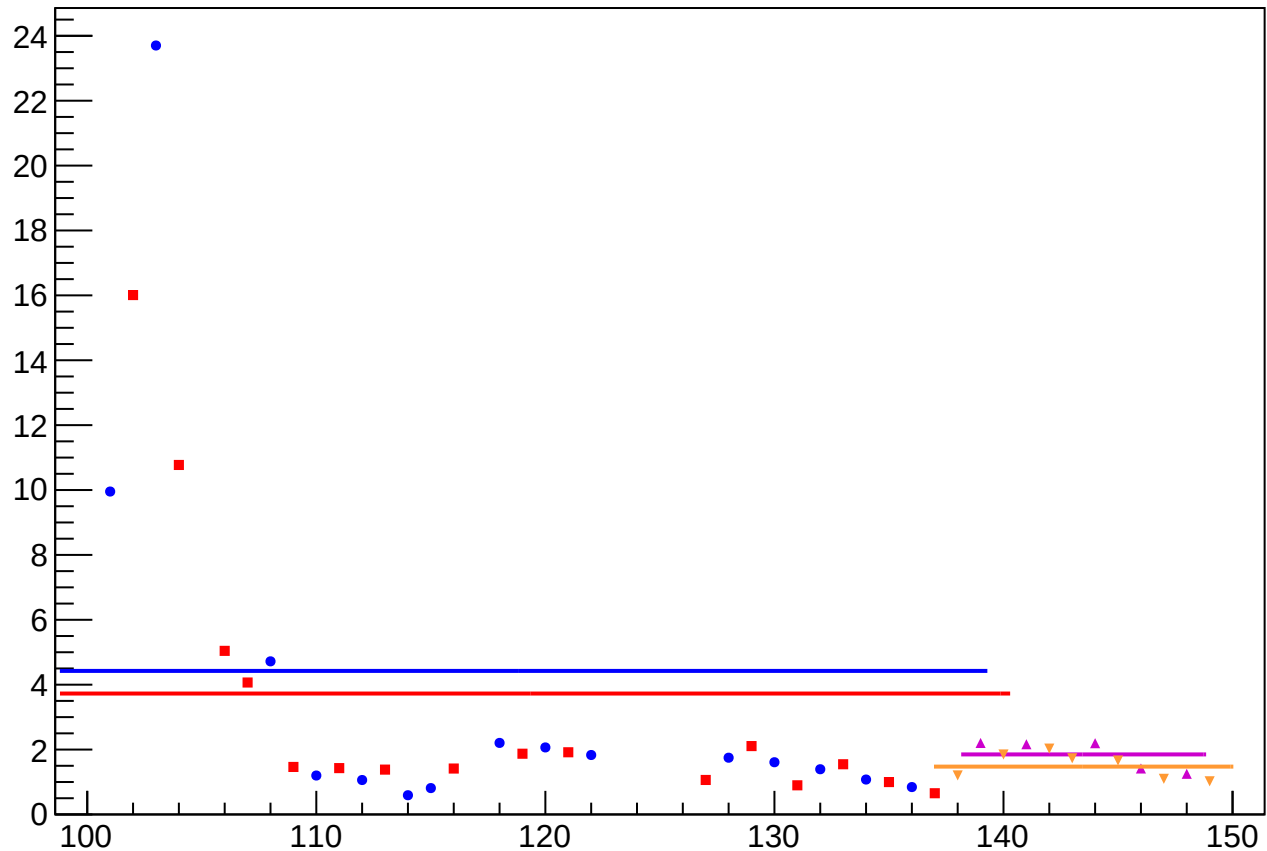
Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14

Left Out: 1.876 $\pm$ 0.000 χ^2 /NDF: 221290680907959195318931190448128.0/6

Right Out: 1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15

Left In: 2.142 $\pm$ 0.000 χ^2 /NDF: 312625904968869021403806521360384.0/4

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.475+/-0.000 χ^2/NDF : 66912439920582686950243273015296.0/6

Right Out: 3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15

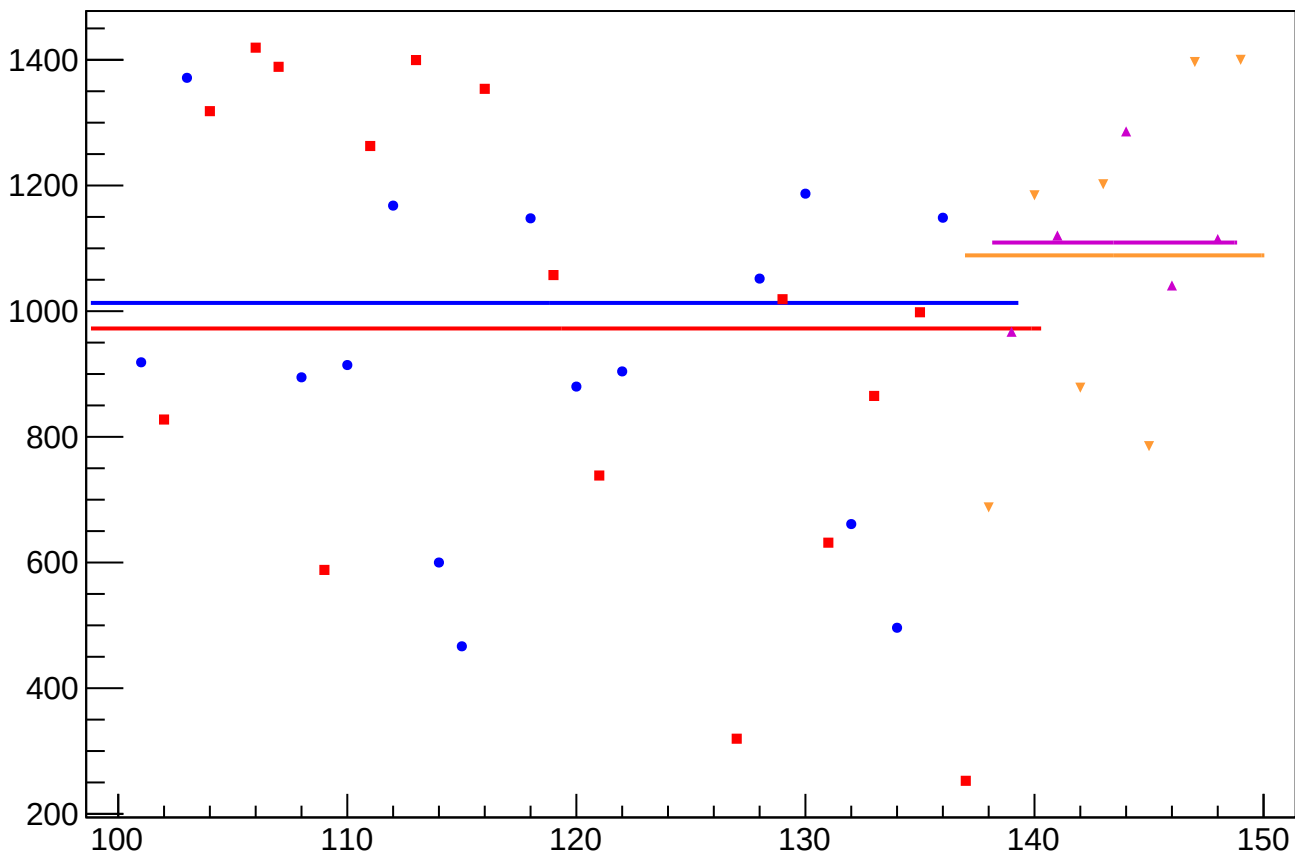
Left In: 1.851+/-0.000 χ^2/NDF : 74649671493120925967753955770368.0/4

+ sign 3.118+/-0.000 χ^2/NDF : 30825509075437282

All: 3.061+/-0.000 χ^2/NDF : 4580993022950

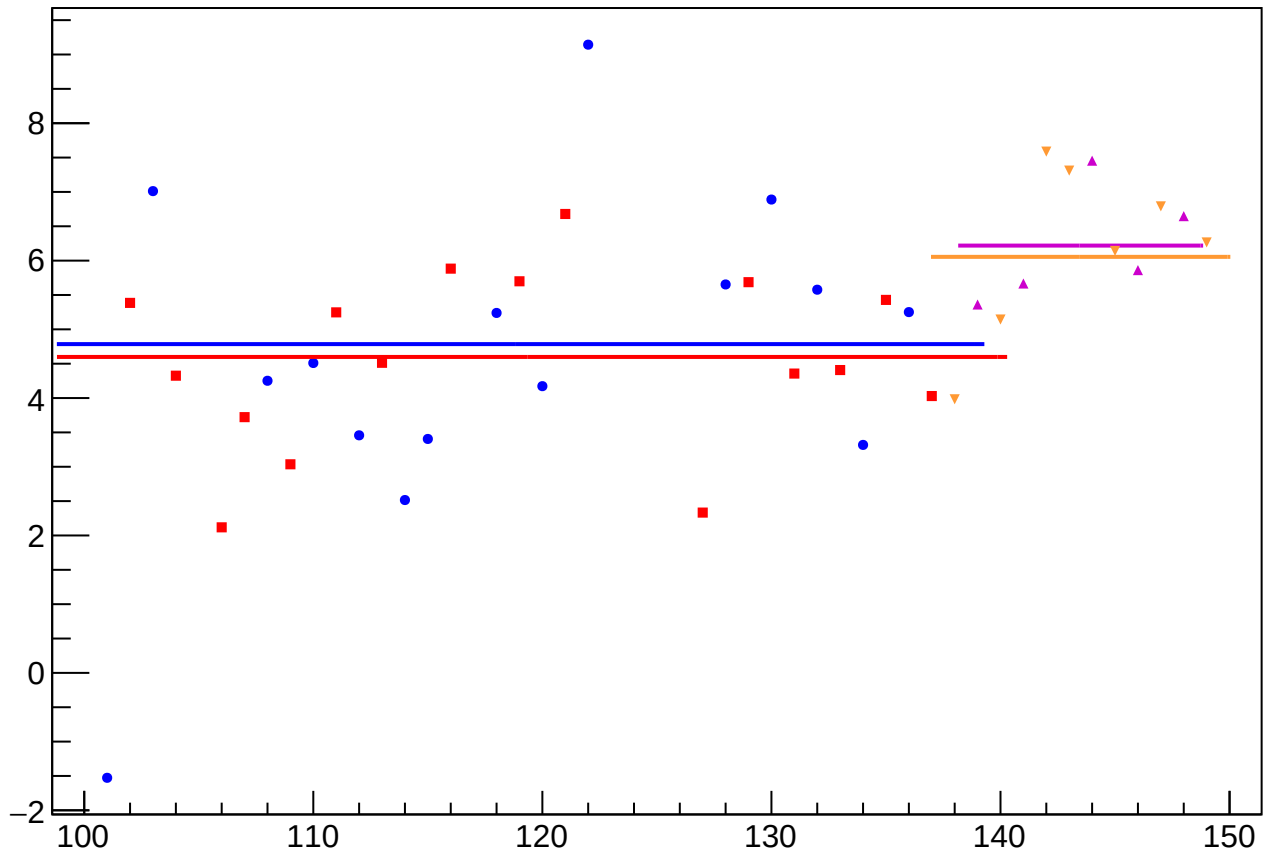
- sign 3.000+/-0.000 χ^2/NDF : 14976576426987798

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1088.810 $\pm$ 0.000 χ^2 /NDF: 39182171967707839802810616426109337600.0/6
 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_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 6.055+/-0.000 χ^2/NDF : 663294321504996726392242585993216.0/6

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

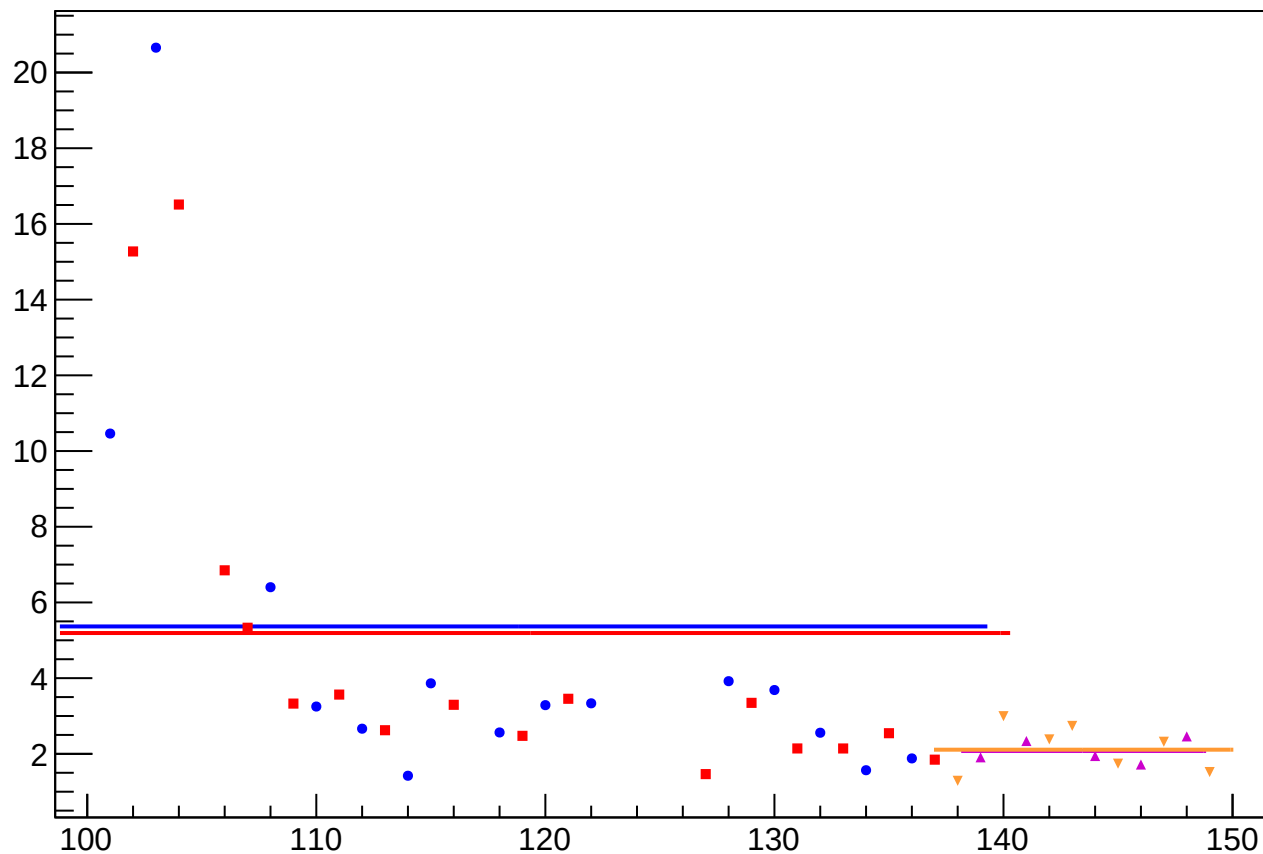
Left In: 6.219+/-0.000 χ^2/NDF : 247364436629758693035985340465152.0/4

+ sign 5.348+/-0.000 χ^2/NDF : 51234503585844996

All: 5.289+/-0.000 χ^2/NDF : 70475518672592

- sign 5.226+/-0.000 χ^2/NDF : 19158268283393520

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.110+/-0.000 χ^2/NDF : 190564834393252852774841884868608.0/6

Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

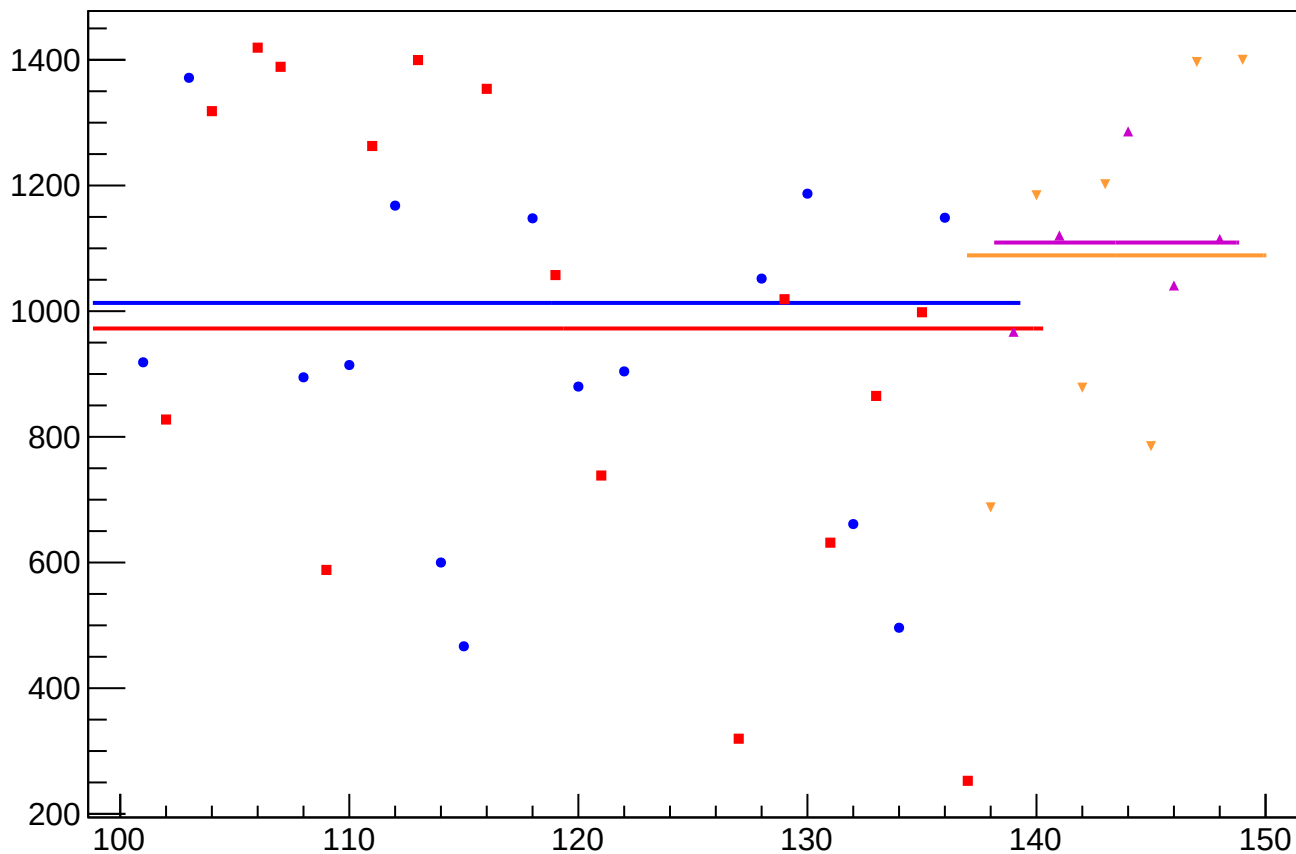
Left In: 2.075+/-0.000 χ^2/NDF : 32843728381063112766684200435712.0/4

+ sign 3.924+/-0.000 χ^2/NDF : 22018924539988501

All: 3.953+/-0.000 χ^2/NDF : 40314576979747

- sign 3.984+/-0.000 χ^2/NDF : 18293597049891452

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1088.810+/-0.000

χ^2/NDF : 39182171967707839802810616426109337600.0/6

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1109.223+/-0.000

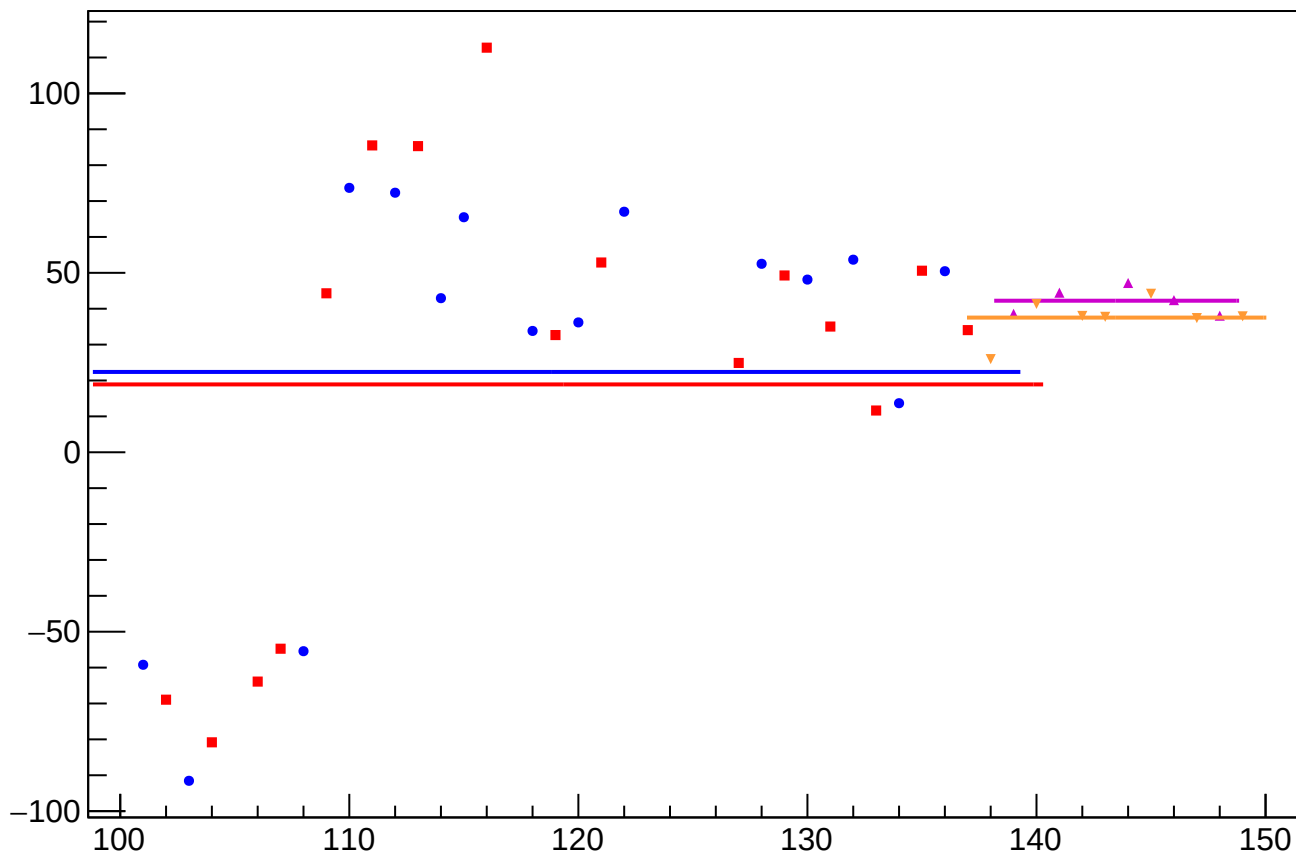
χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1046.659+/-0.000 χ^2/NDF : 72549116108946

All: 1036.417+/-0.000 χ^2/NDF : 16133861968

- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.529+/-0.000 χ^2/NDF : 15220268954040028372150863370649600.0/6

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

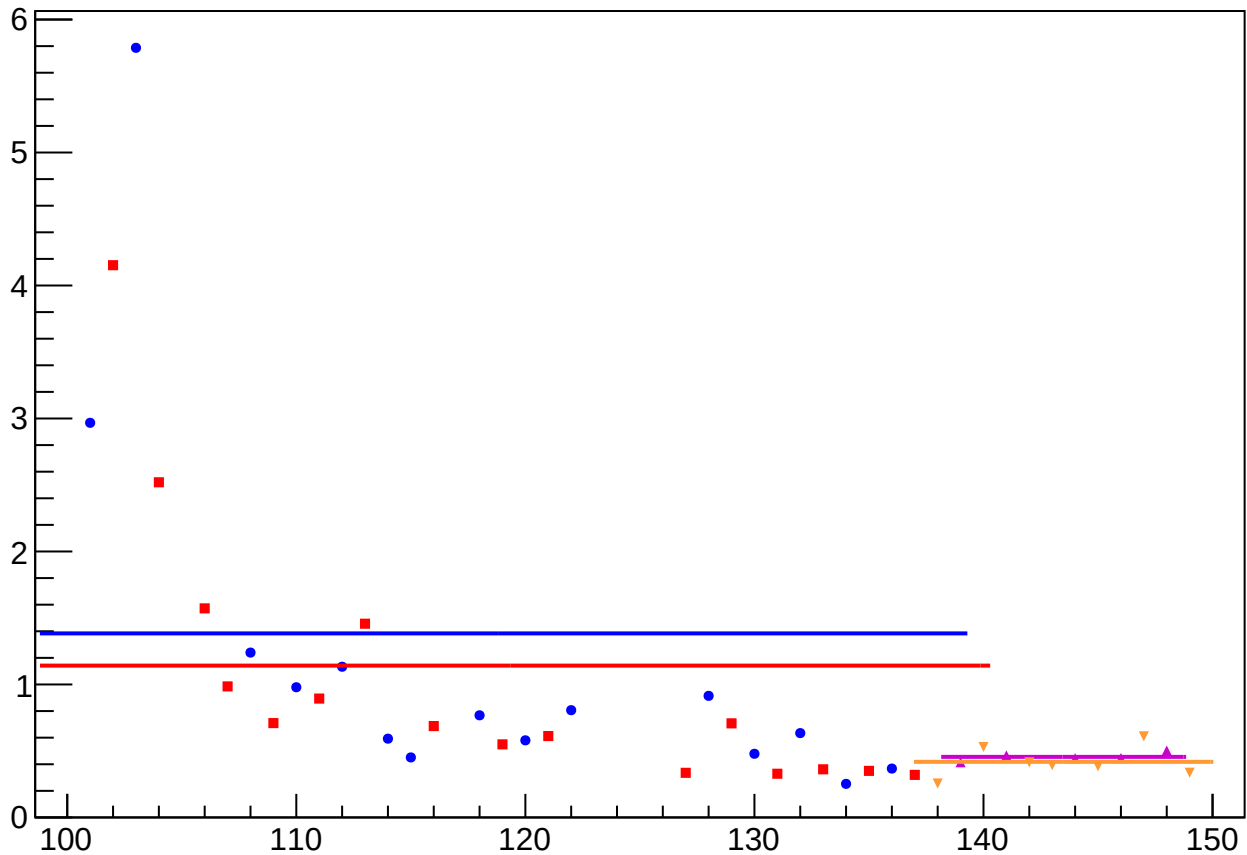
Left In: 42.229+/-0.000 χ^2/NDF : 5140547403866050078524960258654208.0/4

+ sign 29.092+/-0.000 χ^2/NDF : 2003406617058425

All: 28.538+/-0.000 χ^2/NDF : 4332089602206

- 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: 0.418+/-0.000 χ^2/NDF : 6654384364211543177490799263744.0/6

Right Out: 1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

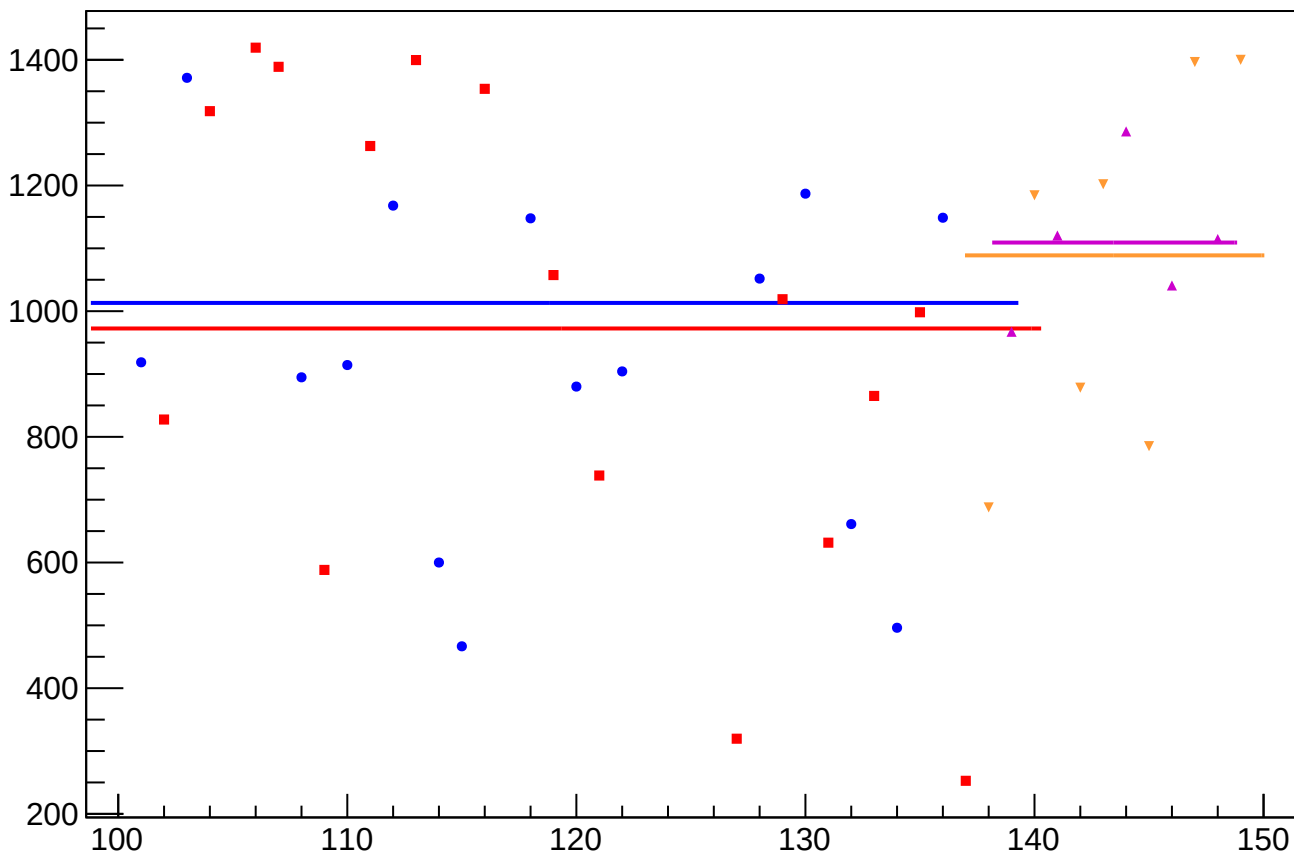
Left In: 0.456+/-0.000 χ^2/NDF : 348039152556039821379252518912.0/4

+ sign 0.956+/-0.000 χ^2/NDF : 18459275491446317

All: 0.917+/-0.000 χ^2/NDF : 27822950555779

- sign 0.876+/-0.000 χ^2/NDF : 93273718653399885

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1088.810 $\pm$ 0.000 χ^2 /NDF: 39182171967707839802810616426109337600.0/6

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

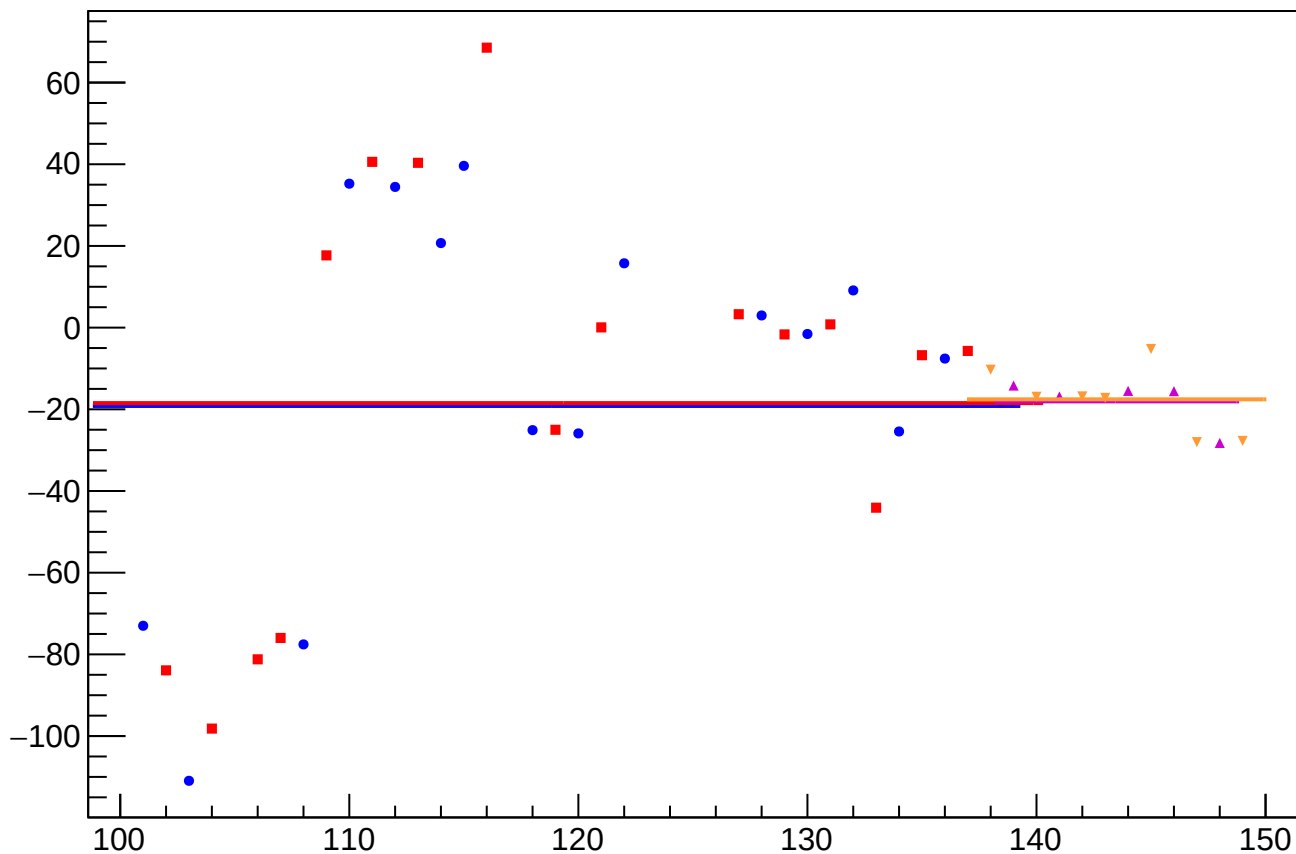
Left In: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

+ sign 1046.659 $\pm$ 0.000 χ^2 /NDF: 72549116108946

All: 1036.417 $\pm$ 0.000 χ^2 /NDF: 16133861968

- 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

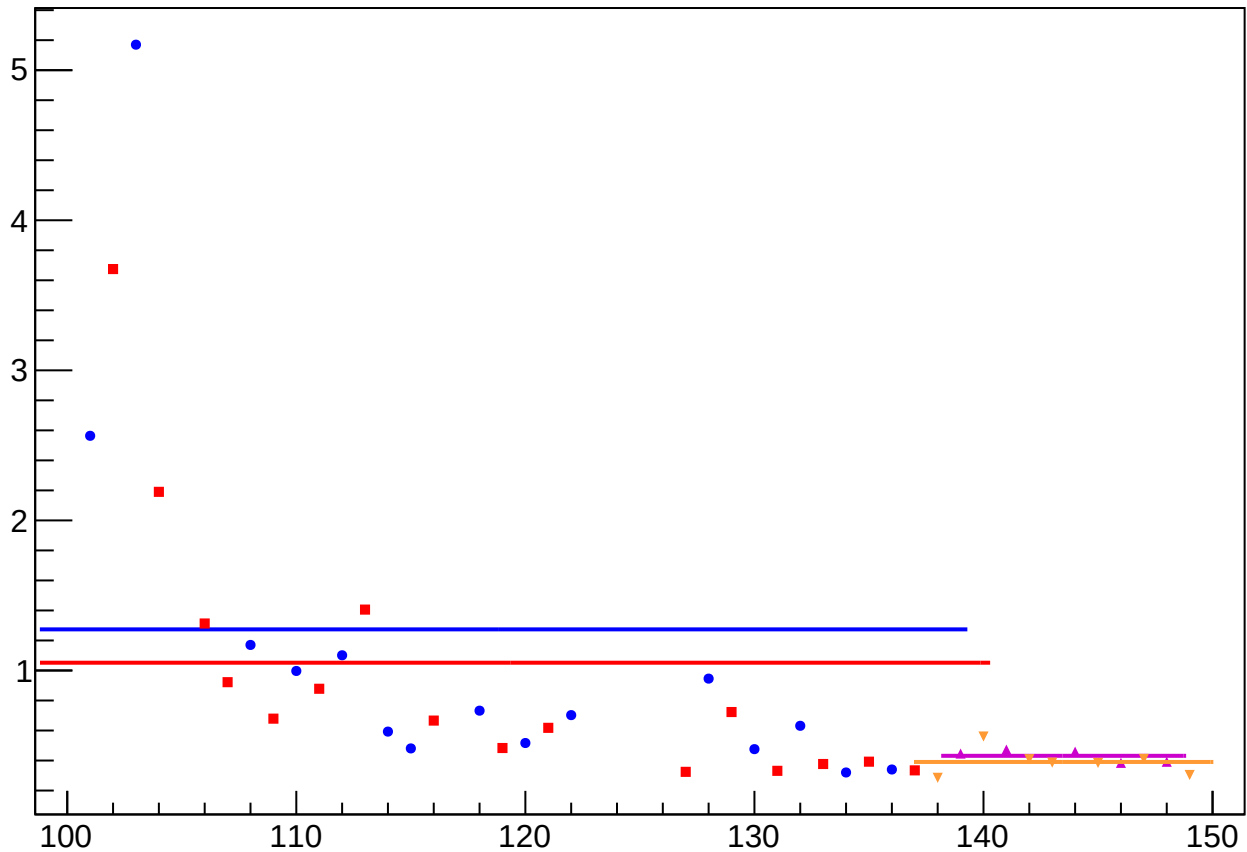
Left Out: -17.555+/-0.000 χ^2/NDF : 33778999531968306138842262405120000.0/6

Right Out: -18.479+/-0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: -18.060+/-0.000 χ^2/NDF : 11135885628230991637317974719725568.0/4

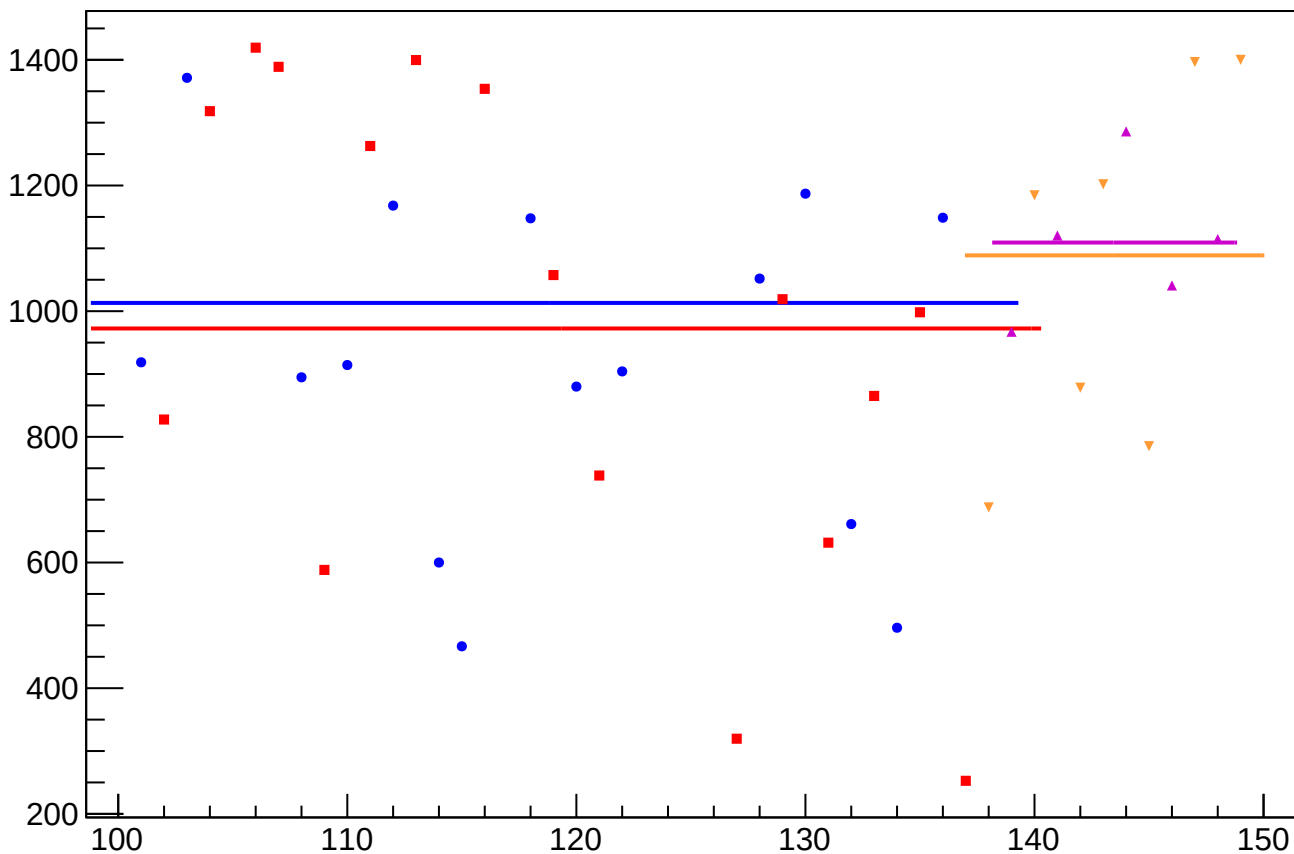
All: -18.389+/-0.000 χ^2/NDF : 278148886228

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.391+/-0.000 χ^2/NDF : 3911477969797624724325719343104.0/6
 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: 1088.810 $\pm$ 0.000 χ^2 /NDF: 39182171967707839802810616426109337600.0/6

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

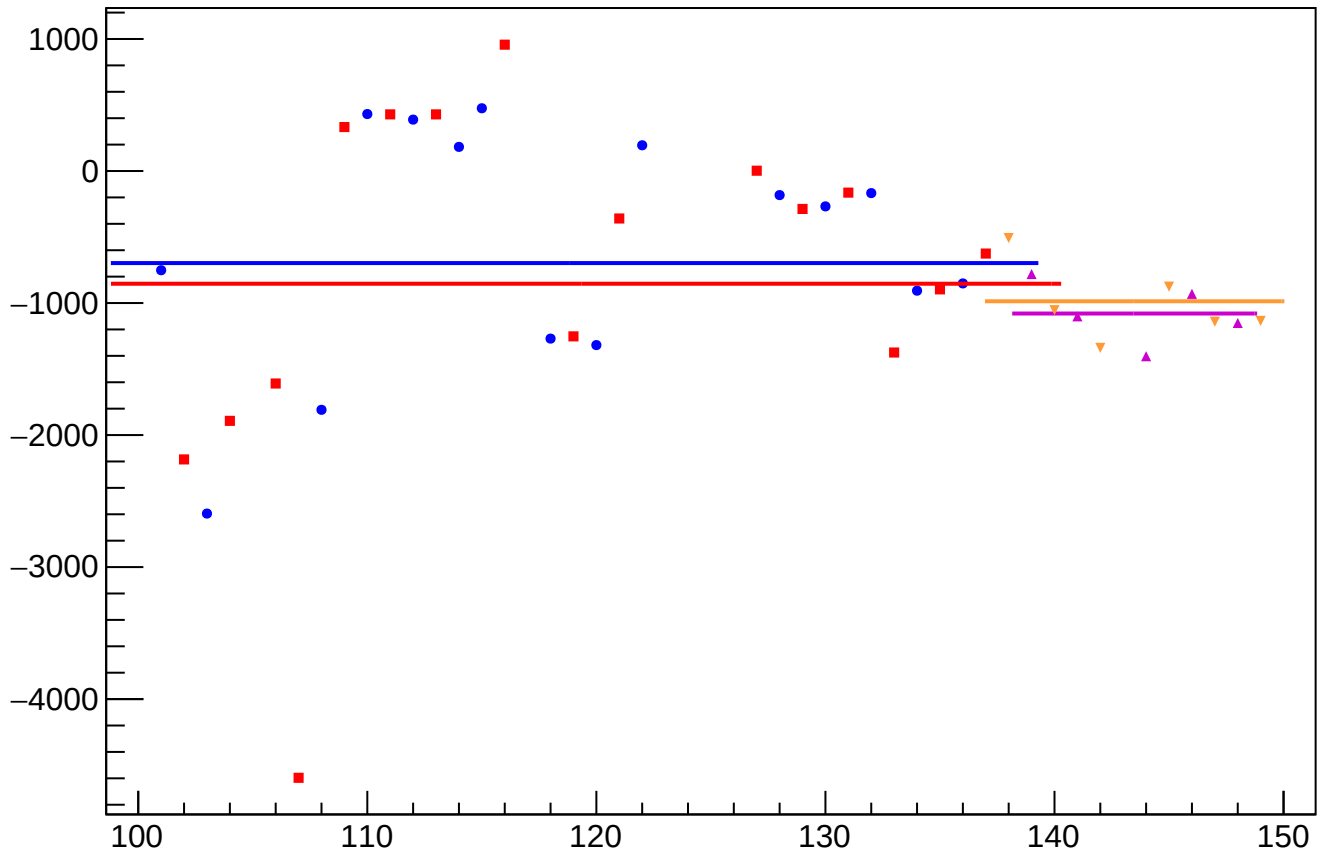
Left In: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

+ sign 1046.659 $\pm$ 0.000 χ^2 /NDF: 72549116108946

All: 1036.417 $\pm$ 0.000 χ^2 /NDF: 16133861968

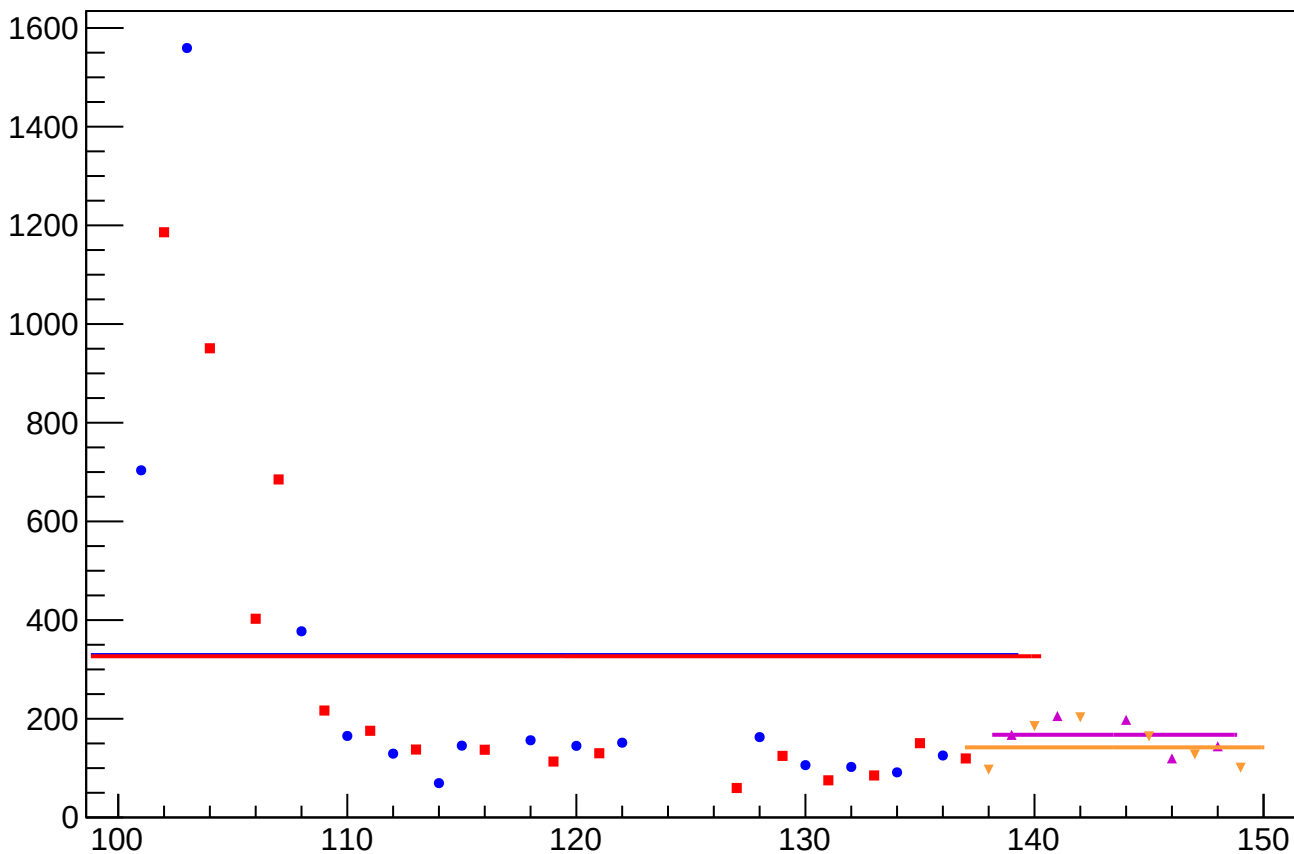
- sign 1025.460 $\pm$ 0.000 χ^2 /NDF: 88536551817799

dit_usl_coil6_mean vs Slug



Right In: -697.283 ± 0.000 $\chi^2/\text{NDF}: 490435790698133828475769692944364208128.0/14$
 Left Out: -986.530 ± 0.000 $\chi^2/\text{NDF}: 28715830314715107078756328760913428480.0/5$
 Right Out: -853.734 ± 0.000 $\chi^2/\text{NDF}: 1078379020126412317155932275156201766912.0/15$
 Left In: -1079.441 ± 0.000 $\chi^2/\text{NDF}: 18867653240206571780013576160205078528.0/4$

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 142.076+/-0.000 χ^2/NDF : 680483733797129683274187696917970944.0/5

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

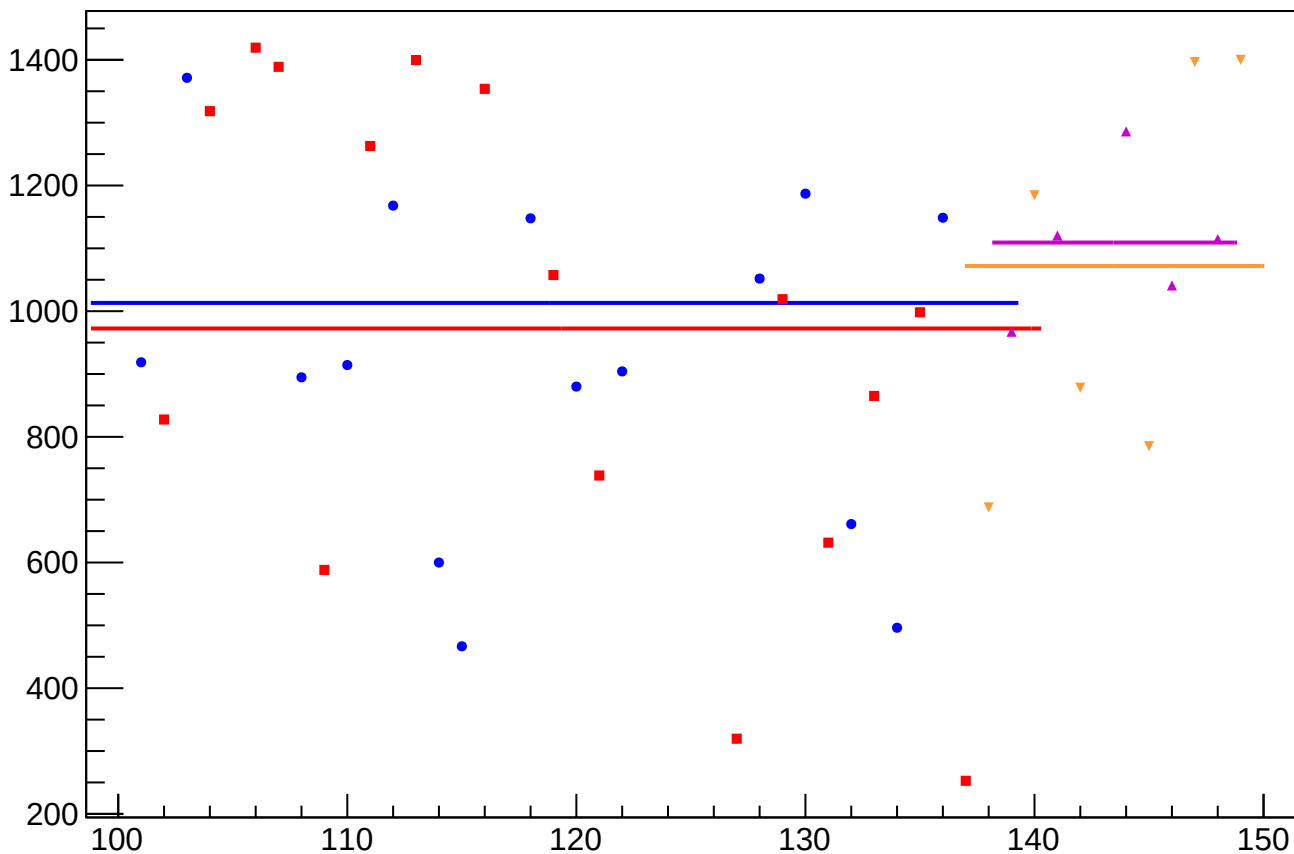
Left In: 167.547+/-0.000 χ^2/NDF : 439890488229266171851007921414471680.0/4

+ sign 252.626+/-0.000 χ^2/NDF : 126827973462647

All: 258.799+/-0.000 χ^2/NDF : 221467548303

- 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

Left Out: 1071.922+/-0.000 χ^2/NDF : 38195939836900478380616003964106702848.0/5

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

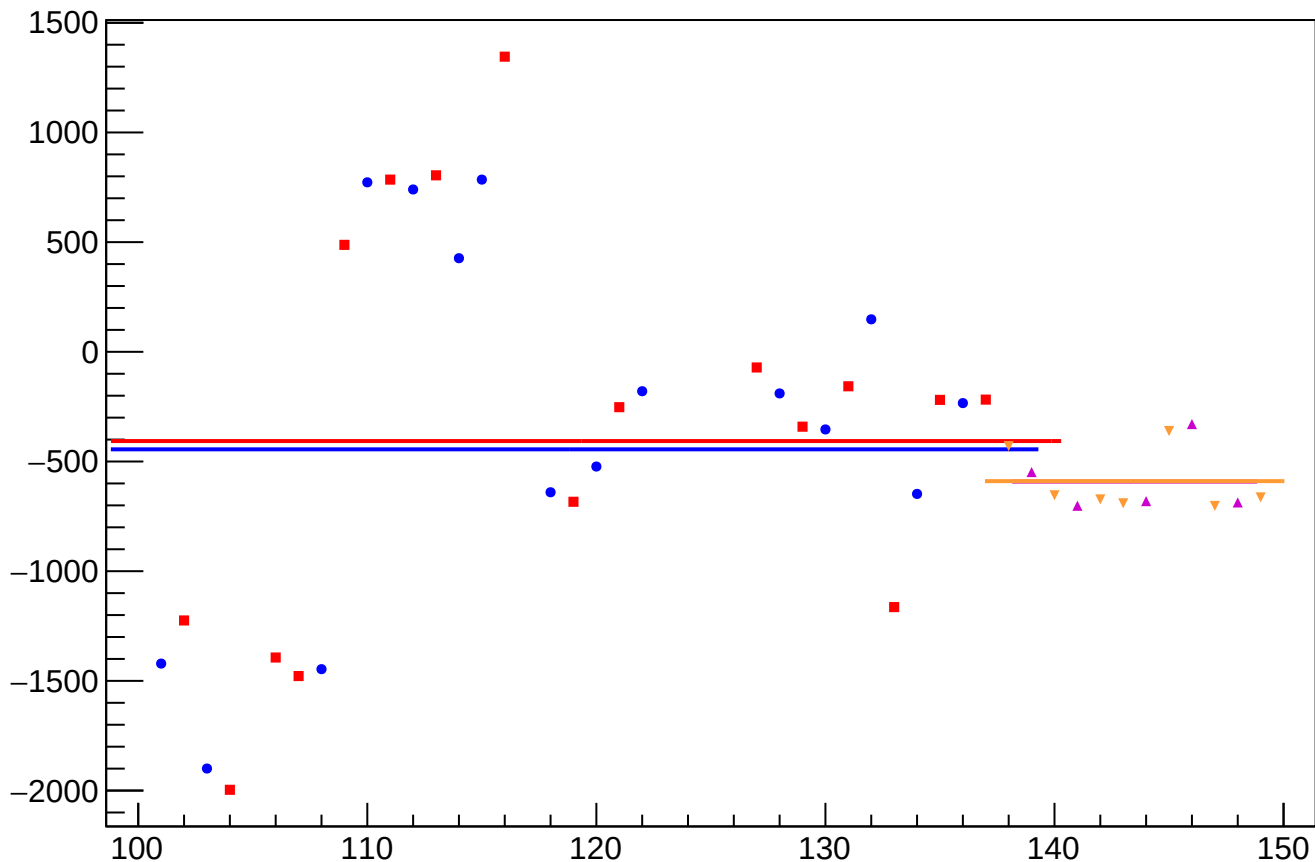
Left In: 1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1037.181+/-0.000 χ^2/NDF : 70834030314232

All: 1031.345+/-0.000 χ^2/NDF : 15944569673

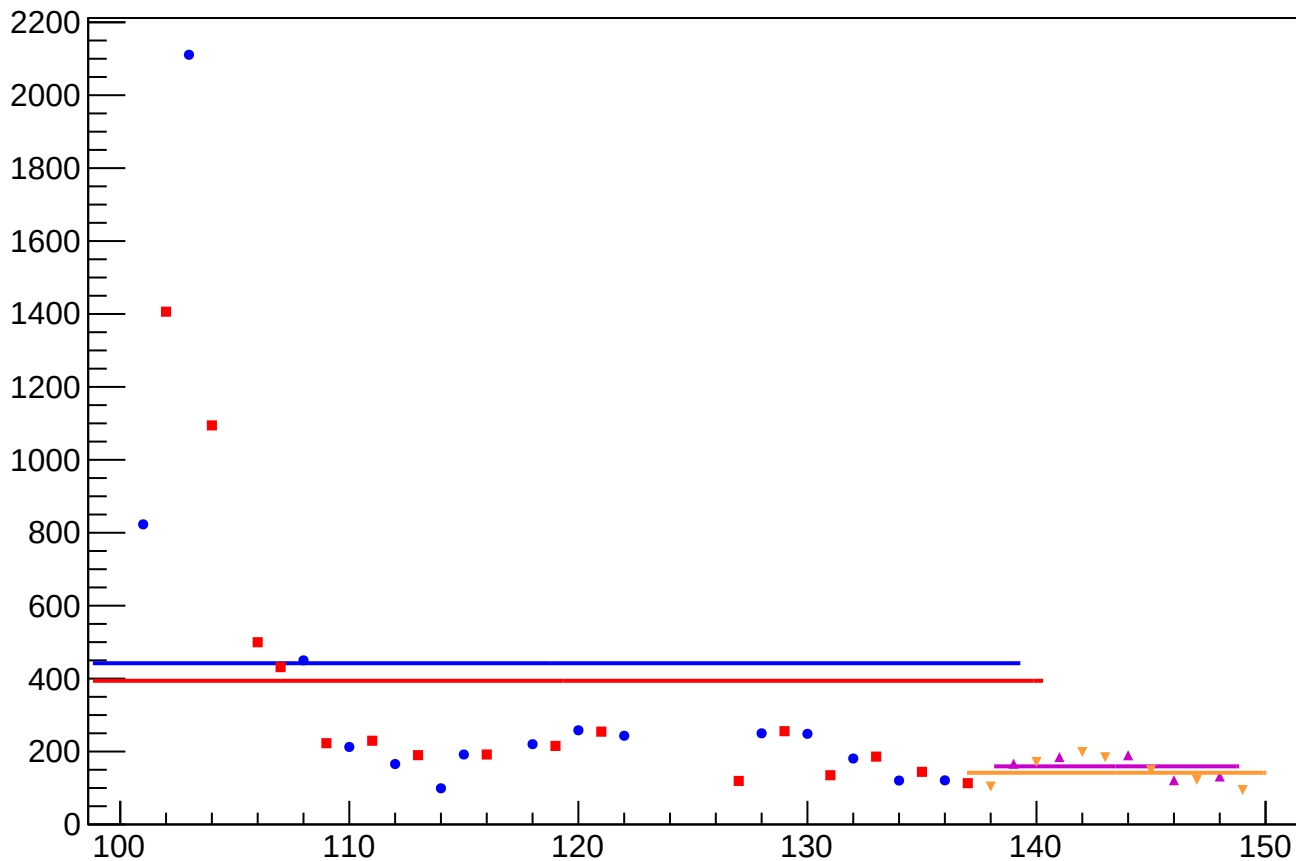
- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -589.475+/-0.000 χ^2/NDF : 9015691651284039788529057415183728640.0/6
 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: 141.796+/-0.000 χ^2/NDF : 675222681509550263273878807214292992.0/6

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

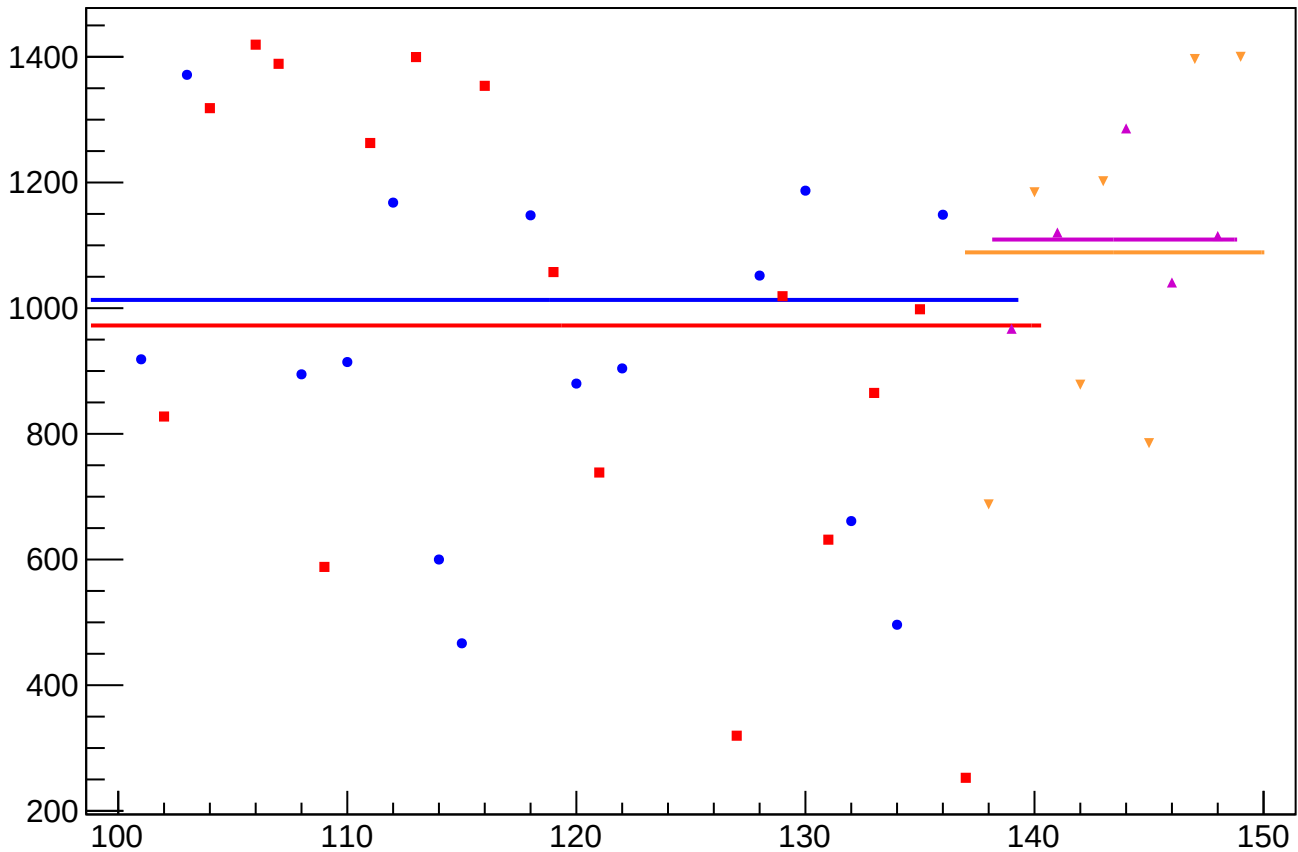
Left In: 159.330+/-0.000 χ^2/NDF : 325517068563511289356933002451484672.0/4

All: 306.206+/-0.000 χ^2/NDF : 351091944232

+ sign 309.125+/-0.000 χ^2/NDF : 230625219721014

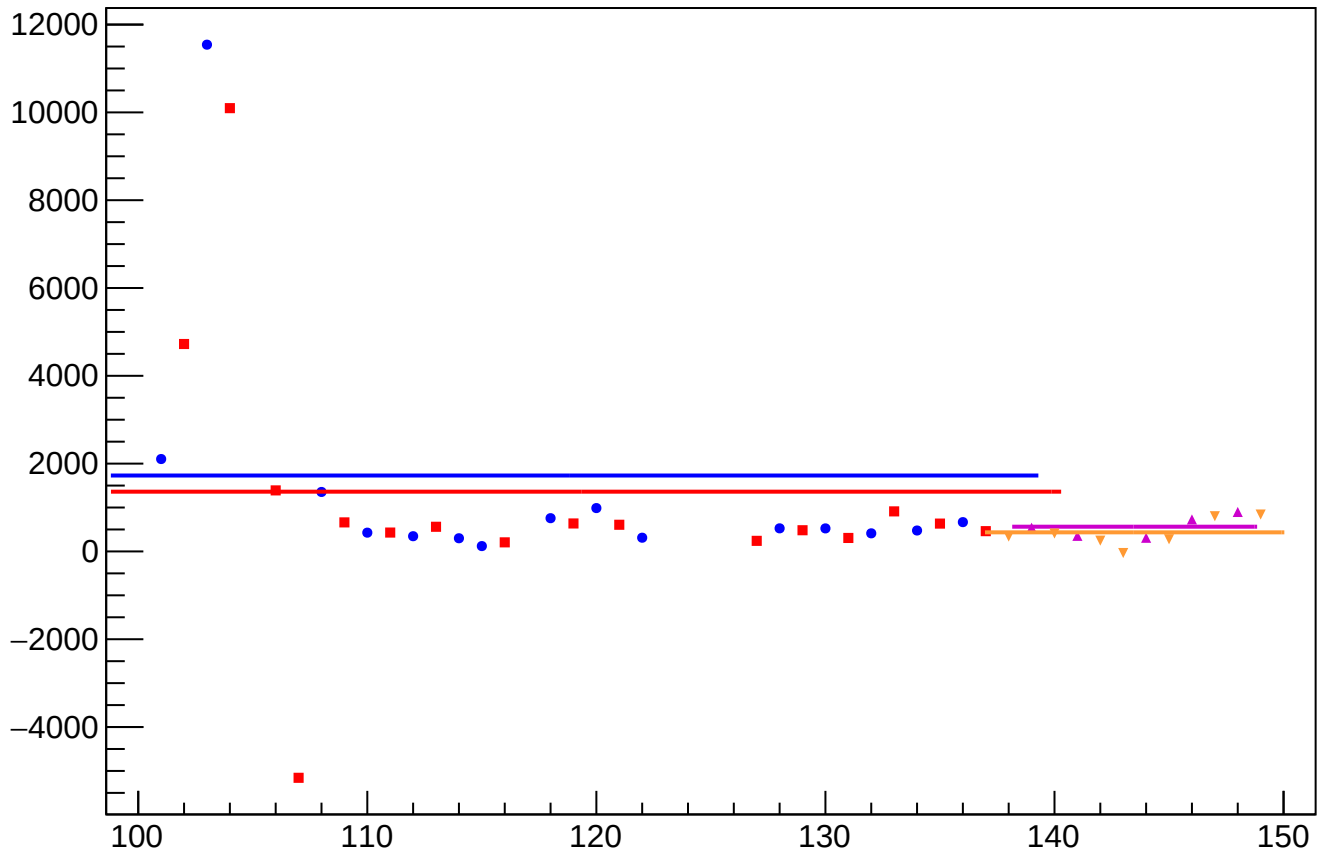
- sign 303.083+/-0.000 χ^2/NDF : 120446180748213

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1046.659+/-0.000	χ^2/NDF : 72549116108946
Left Out: 1088.810+/-0.000	χ^2/NDF : 39182171967707839802810616426109337600.0/6	All: 1036.417+/-0.000	χ^2/NDF : 16133861968
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_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 434.532+/-0.000 χ^2/NDF : 43602736076833782749367588690667241472.0/6
 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: 139.223+/-0.000 χ^2/NDF : 744076432681739723255754001607557120.0/6

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

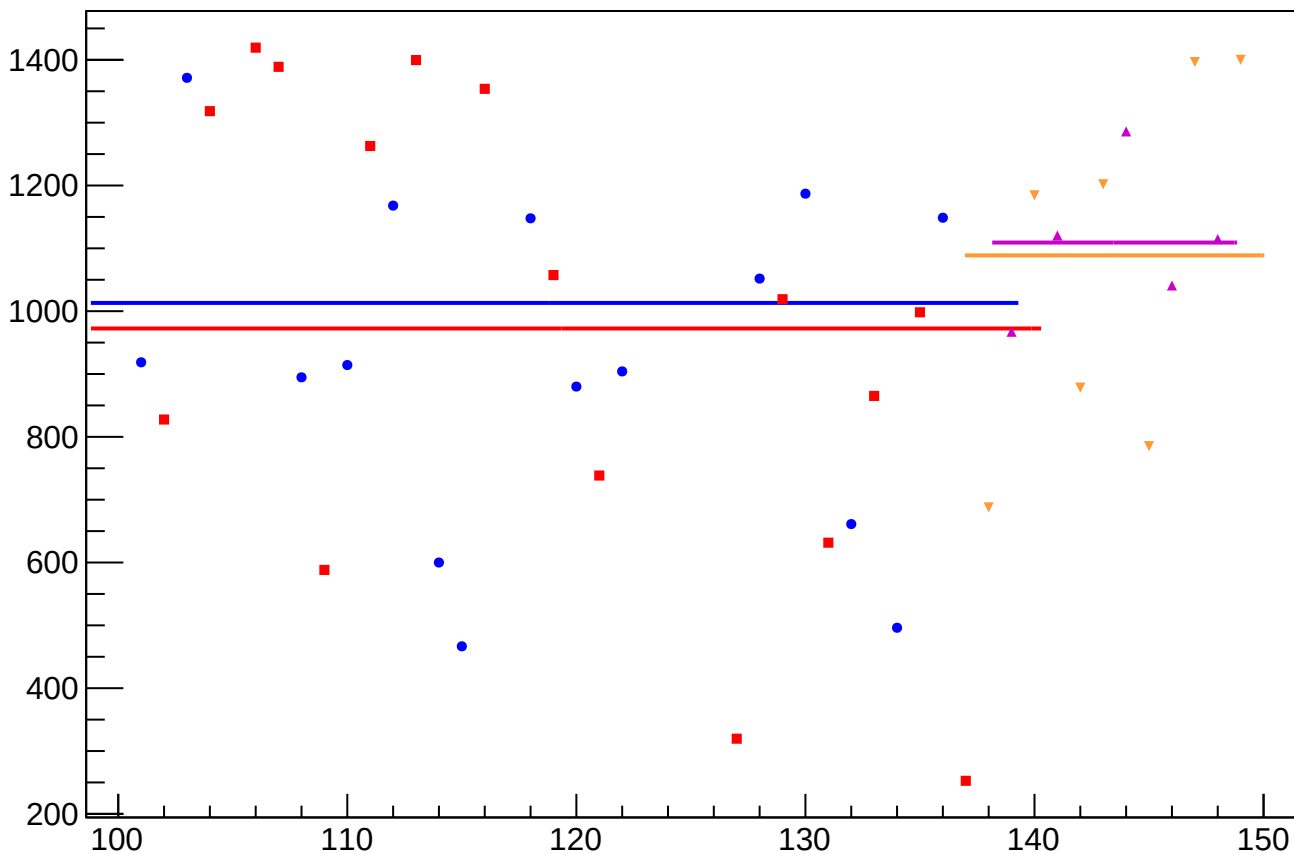
Left In: 159.724+/-0.000 χ^2/NDF : 451806825299997889140938207169347584.0/4

+ sign 405.575+/-0.000 χ^2/NDF : 858821656319059

All: 589.992+/-0.000 χ^2/NDF : 438004569419

- sign 787.278+/-0.000 χ^2/NDF : 343921693285627

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1088.810+/-0.000 χ^2/NDF : 39182171967707839802810616426109337600.0/6

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

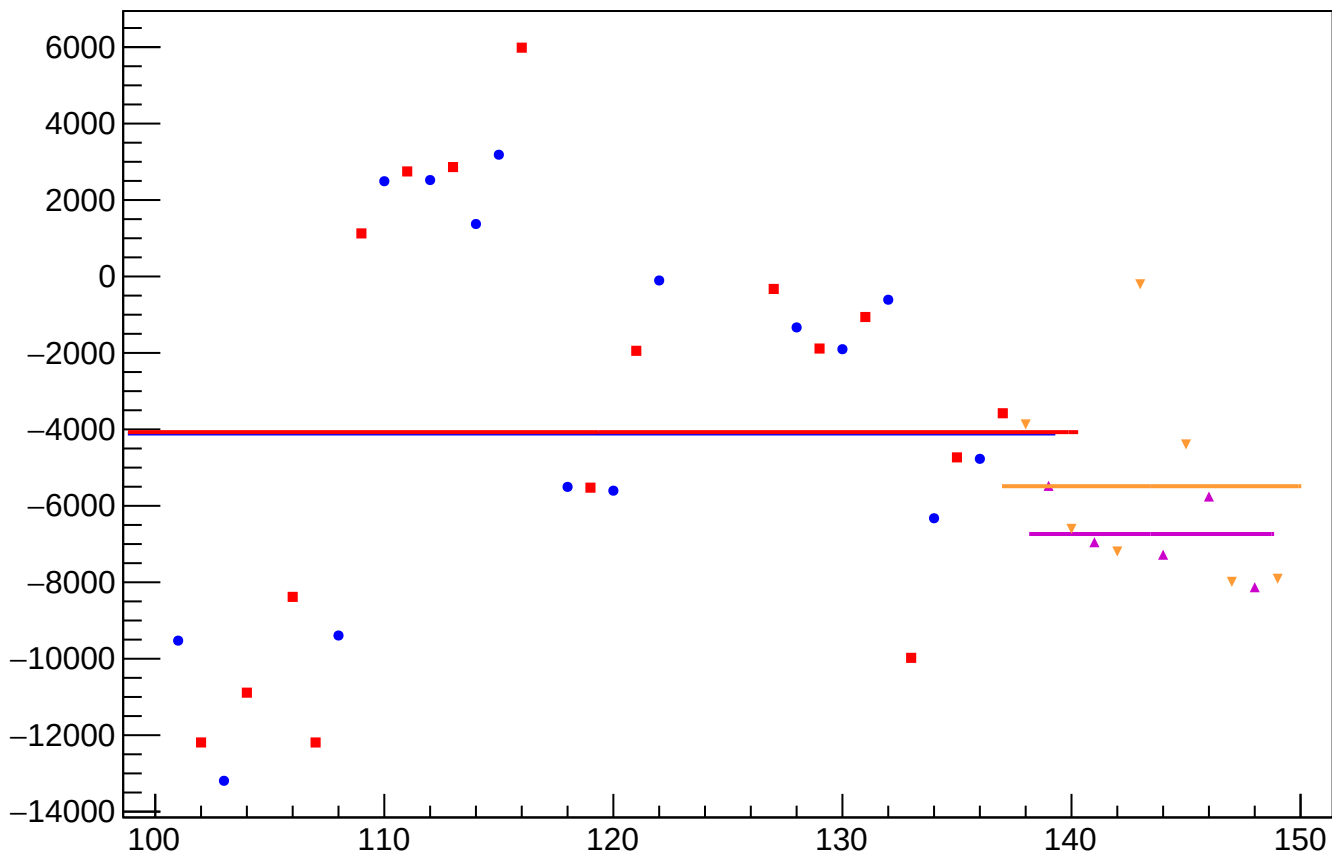
Left In: 1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1046.659+/-0.000 χ^2/NDF : 72549116108946

All: 1036.417+/-0.000 χ^2/NDF : 16133861968

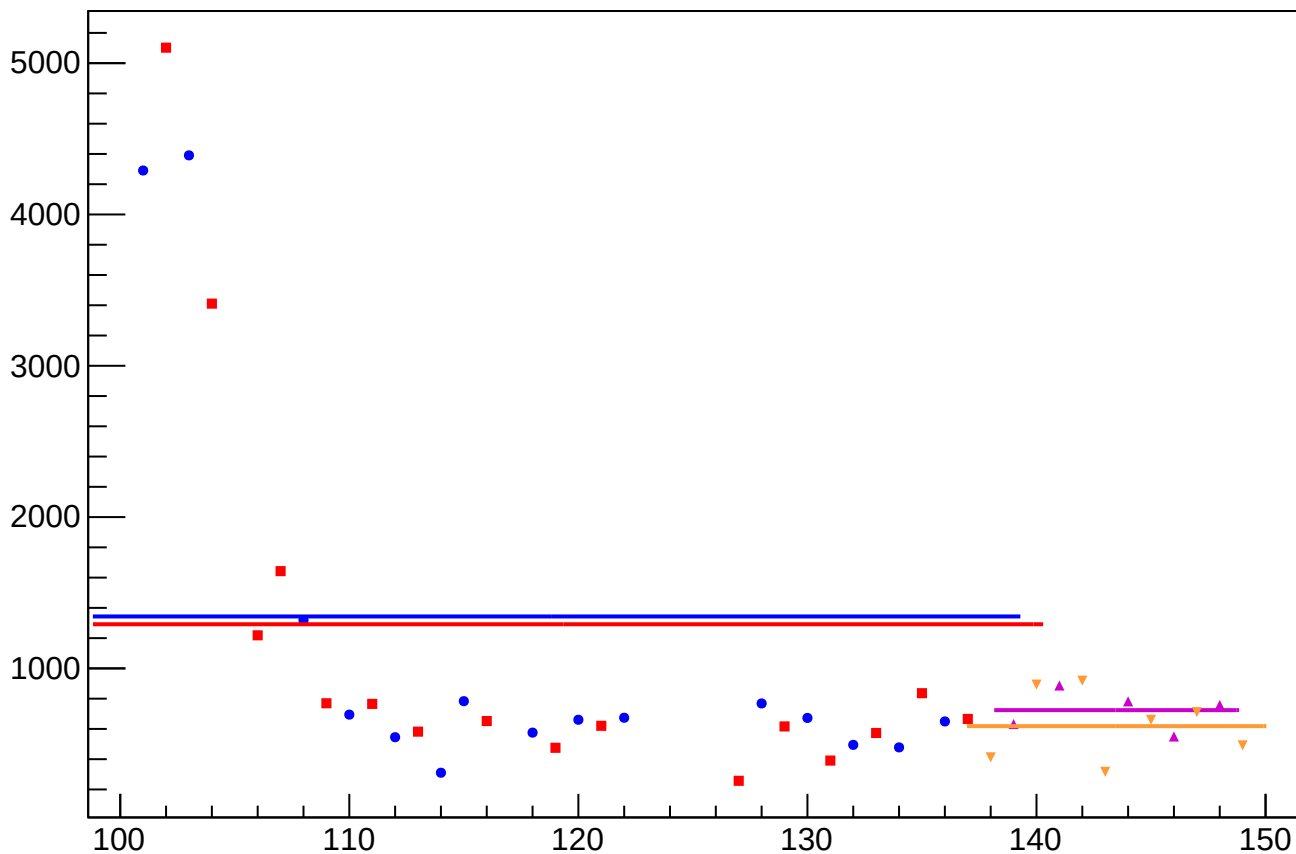
- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

dit_atl2_coil6_mean vs Slug



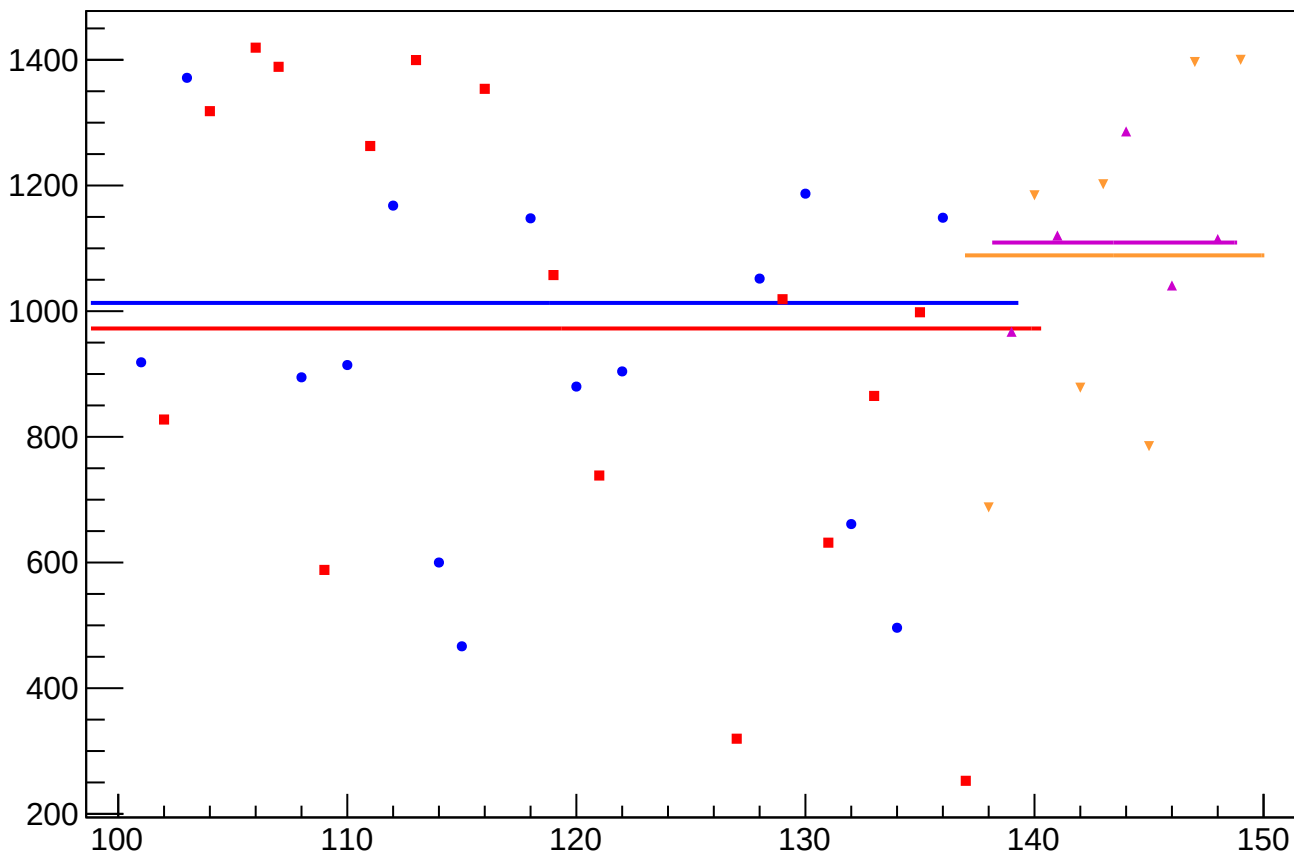
Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -5486.671+/-0.000 χ^2/NDF : 3387266468531493338166079502371178676224.0/6
 Right Out: -4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: -6737.101+/-0.000 χ^2/NDF : 401108426502671328955058186064643489792.0/4
 All: -4905.063+/-0.000 χ^2/NDF : 4114956763
 + sign -4718.328+/-0.000 χ^2/NDF : 1846151791634
 - 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: 618.258+/-0.000 χ^2/NDF : 21917579995942868531033239765768994816.0/6
 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: 1046.156+/-0.000 χ^2/NDF : 29046195260
 + sign 1022.177+/-0.000 χ^2/NDF : 14905153994918
 - sign 1071.808+/-0.000 χ^2/NDF : 14127176883331

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1088.810+/-0.000 χ^2/NDF : 39182171967707839802810616426109337600.0/6

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

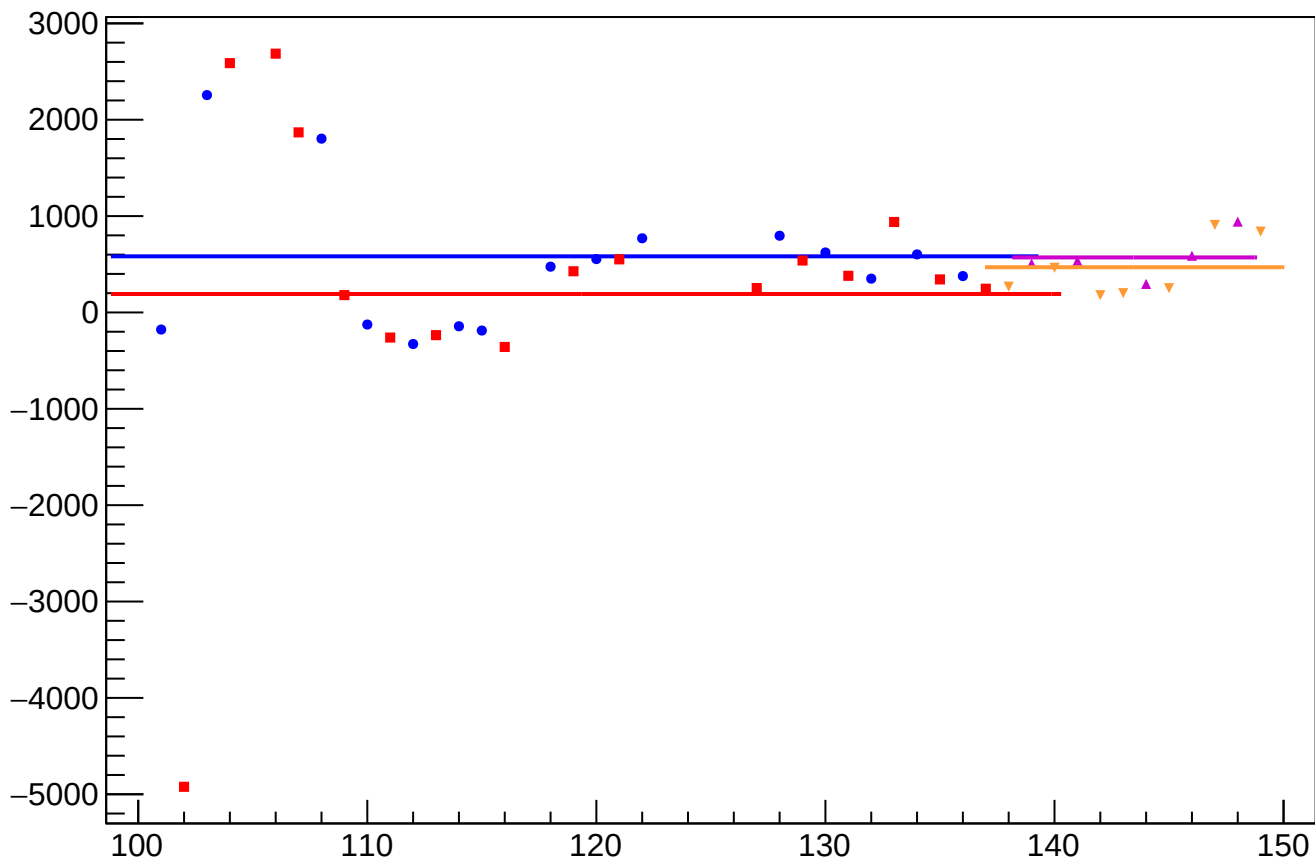
Left In: 1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1046.659+/-0.000 χ^2/NDF : 72549116108946

All: 1036.417+/-0.000 χ^2/NDF : 16133861968

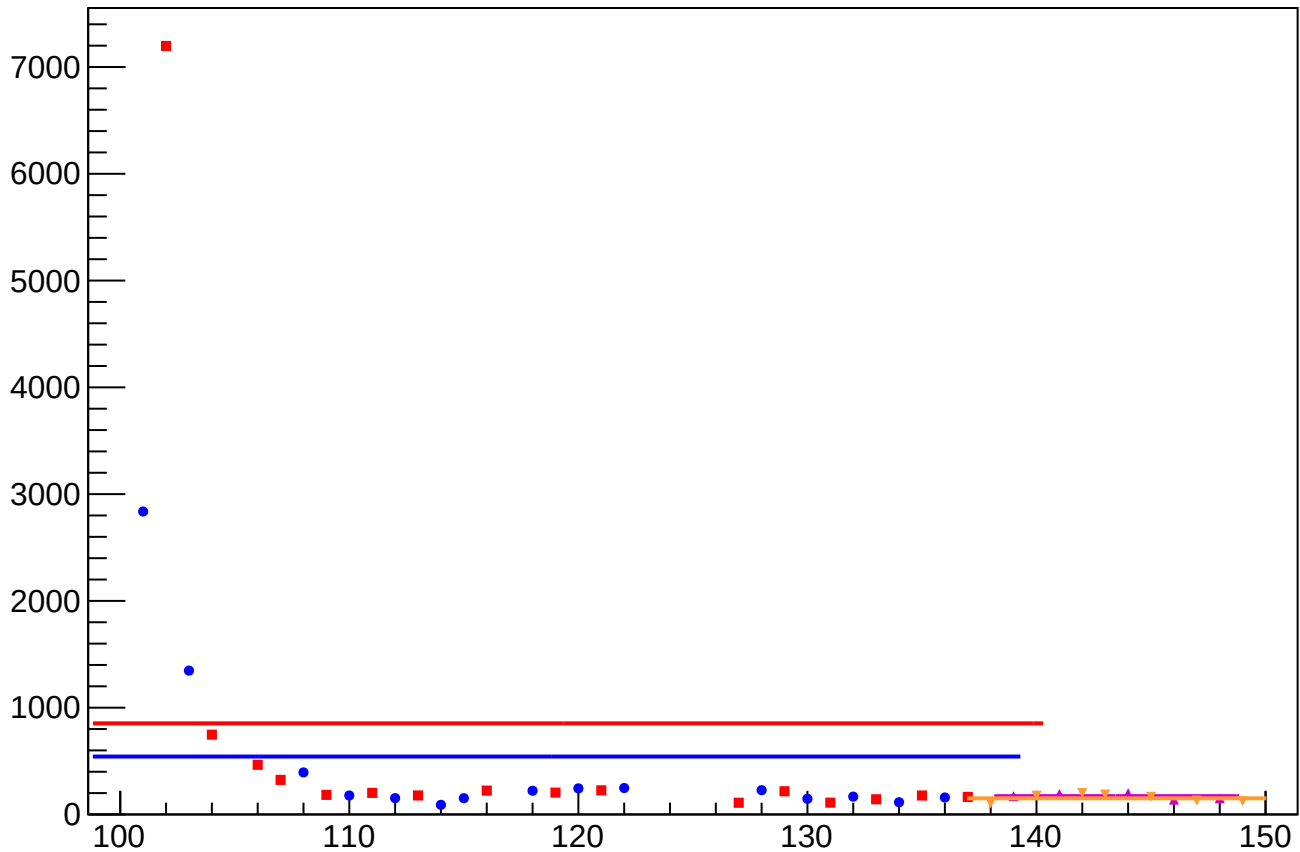
- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000	χ^2/NDF : 338796567623032040072791996460490031104.0/14
Left Out: 469.409+/-0.000	χ^2/NDF : 42248519562462293630393083810650521600.0/6
Right Out: 191.587+/-0.000	χ^2/NDF : 2168762120552346223416743005020716269568.0/15
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: 151.015+/-0.000 χ^2/NDF : 529386191173081266325992910748647424.0/6

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

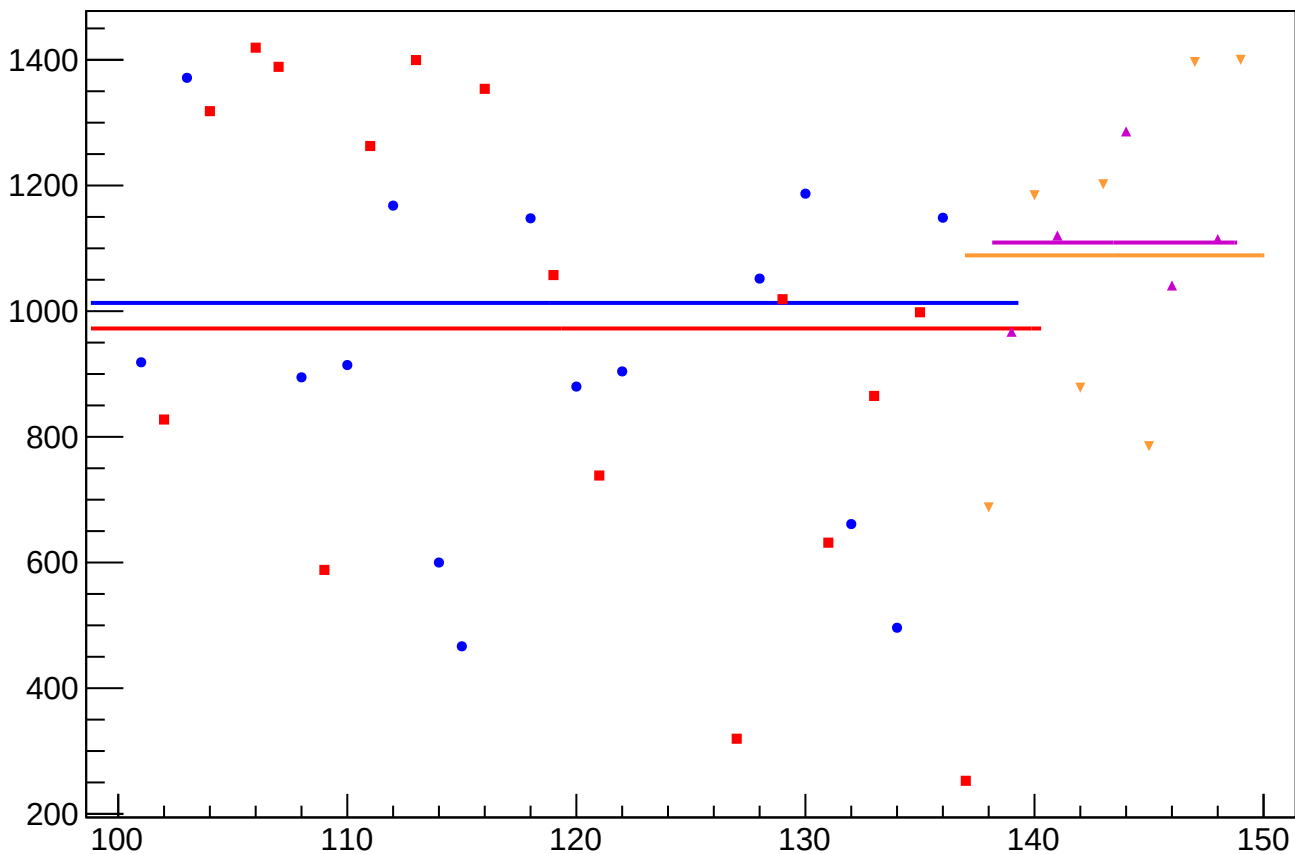
Left In: 171.356+/-0.000 χ^2/NDF : 225490193056641940988293639936409600.0/4

+ sign 369.008+/-0.000 χ^2/NDF : 458924732409125

All: 475.285+/-0.000 χ^2/NDF : 31806286643

- 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: 1088.810 $\pm$ 0.000 χ^2 /NDF: 39182171967707839802810616426109337600.0/6

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

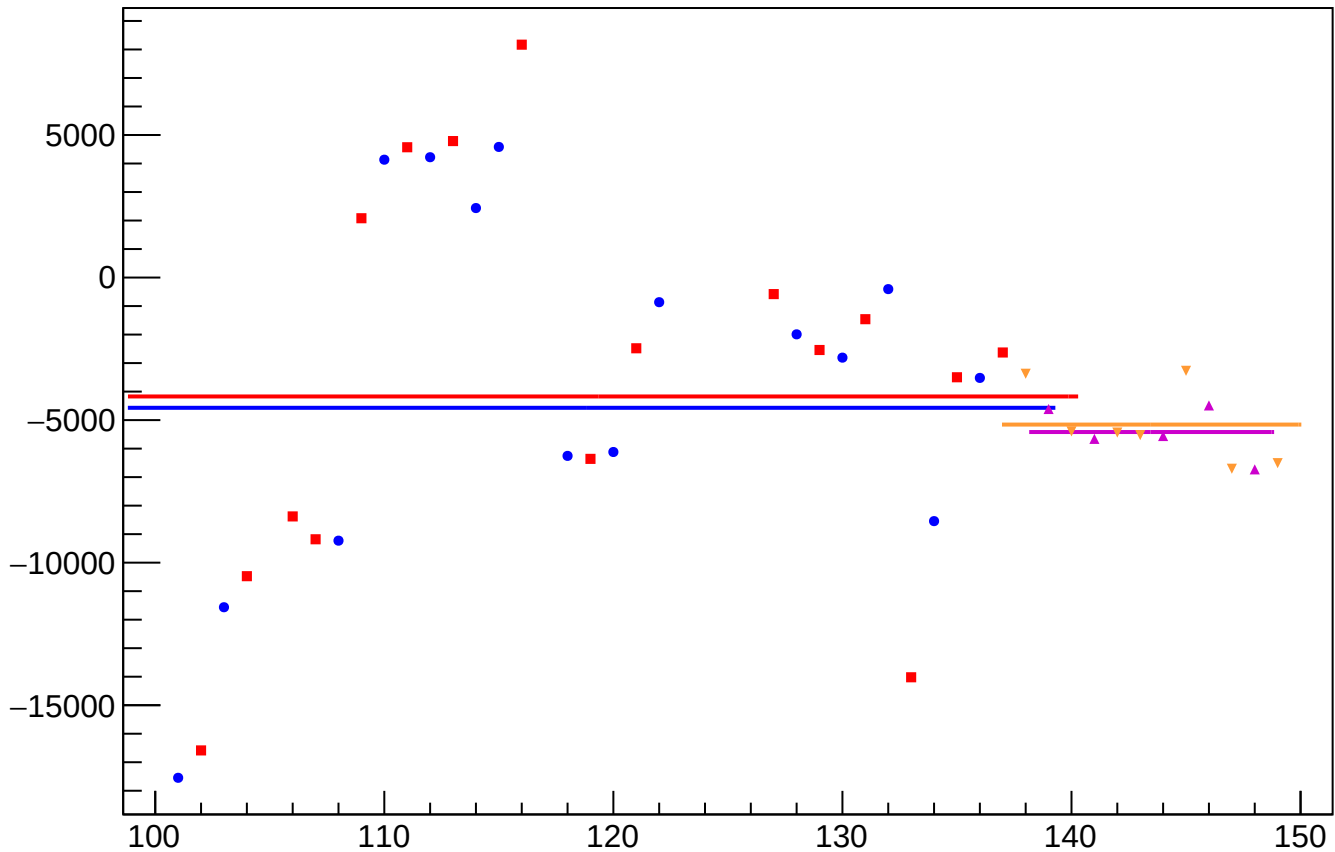
Left In: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

+ sign 1046.659 $\pm$ 0.000 χ^2 /NDF: 72549116108946

All: 1036.417 $\pm$ 0.000 χ^2 /NDF: 16133861968

- sign 1025.460 $\pm$ 0.000 χ^2 /NDF: 88536551817799

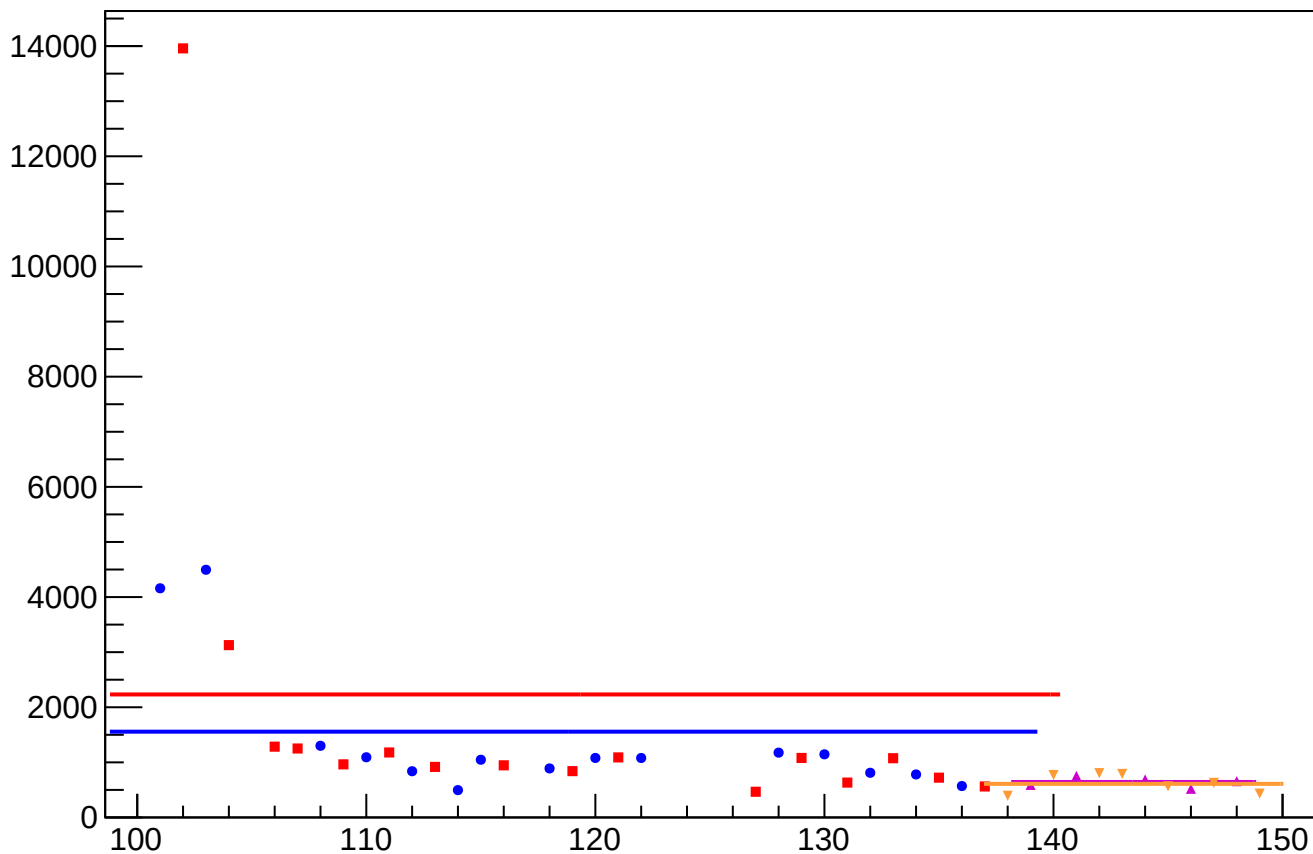
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5156.681+/-0.000	χ^2/NDF : 894409156000312219689027572452300947456.0/6
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5418.218+/-0.000	χ^2/NDF : 275783870889657212027179499643950071808.0/4

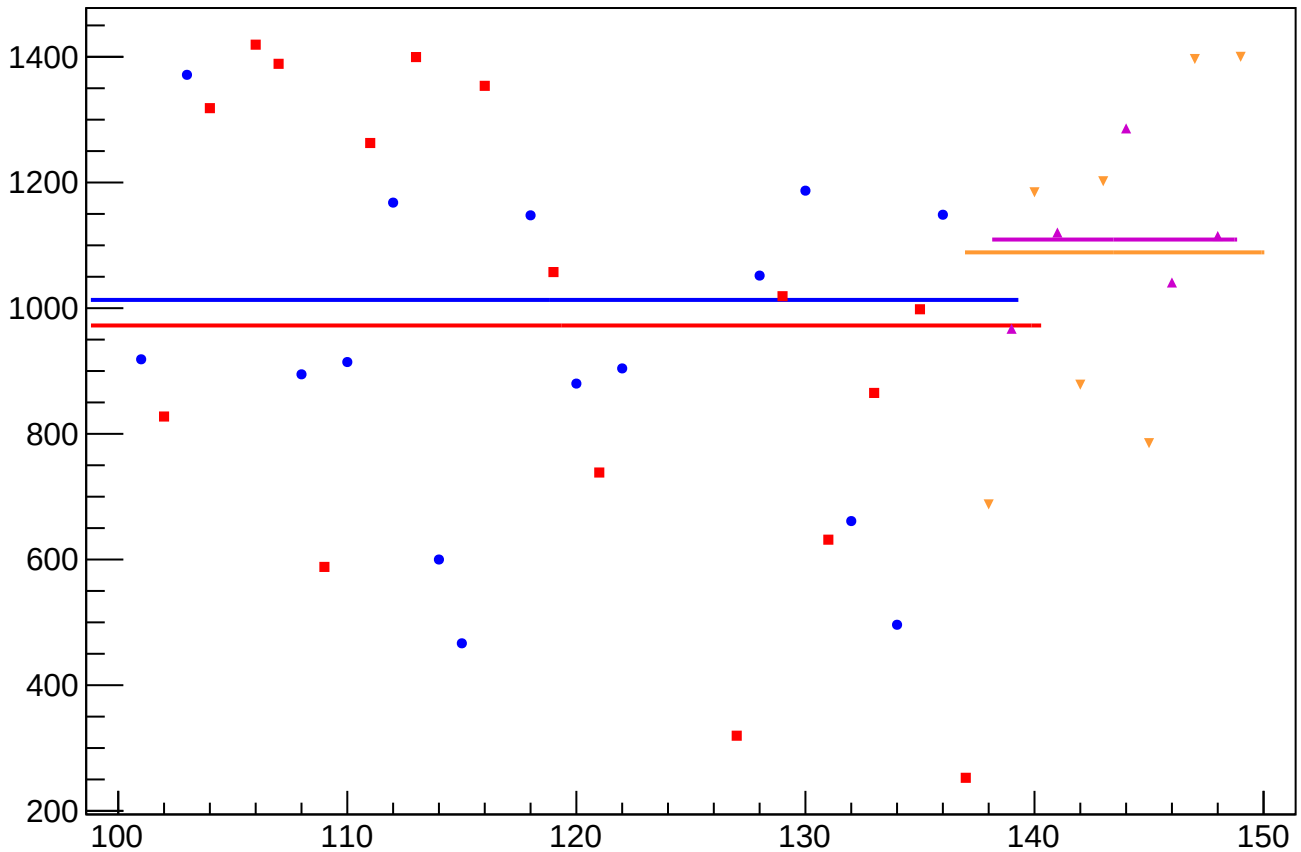
+ sign -4828.903+/-0.000 χ^2/NDF : 2518897685415
 All: -4744.483+/-0.000 χ^2/NDF : 5685140472
 - sign -4654.172+/-0.000 χ^2/NDF : 31645243211185

dit_atr2_coil6_err_mean vs Slug



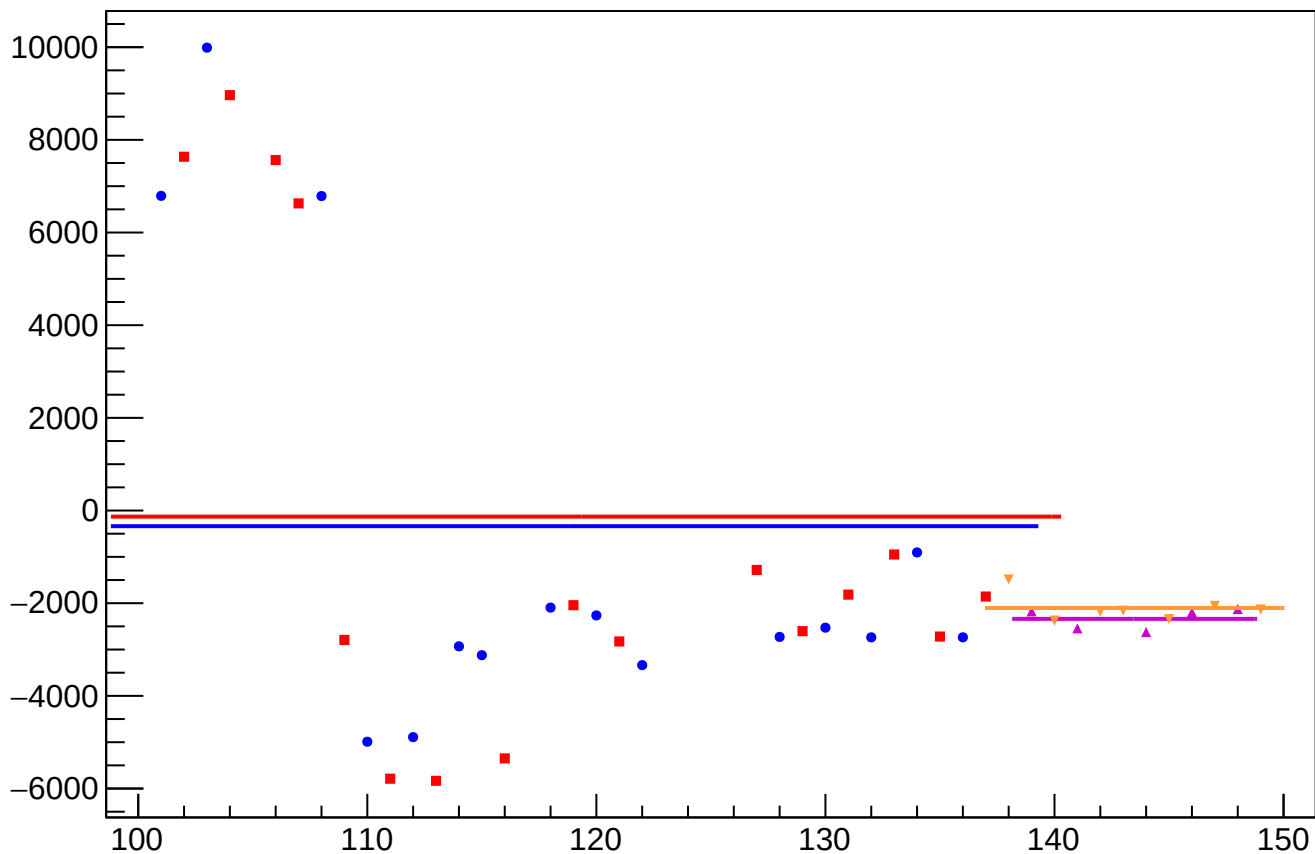
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 610.177+/-0.000 χ^2/NDF : 12492707199680848215270056798520868864.0/6
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 644.112+/-0.000 χ^2/NDF : 2726380126933975225041103343975399424.0/4
 + sign 1137.503+/-0.000 χ^2/NDF : 14094230695997
 All: 1369.164+/-0.000 χ^2/NDF : 11184083865
 - sign 1616.994+/-0.000 χ^2/NDF : 96452529572369

dit_atr2_coil6_Ndata_mean vs Slug



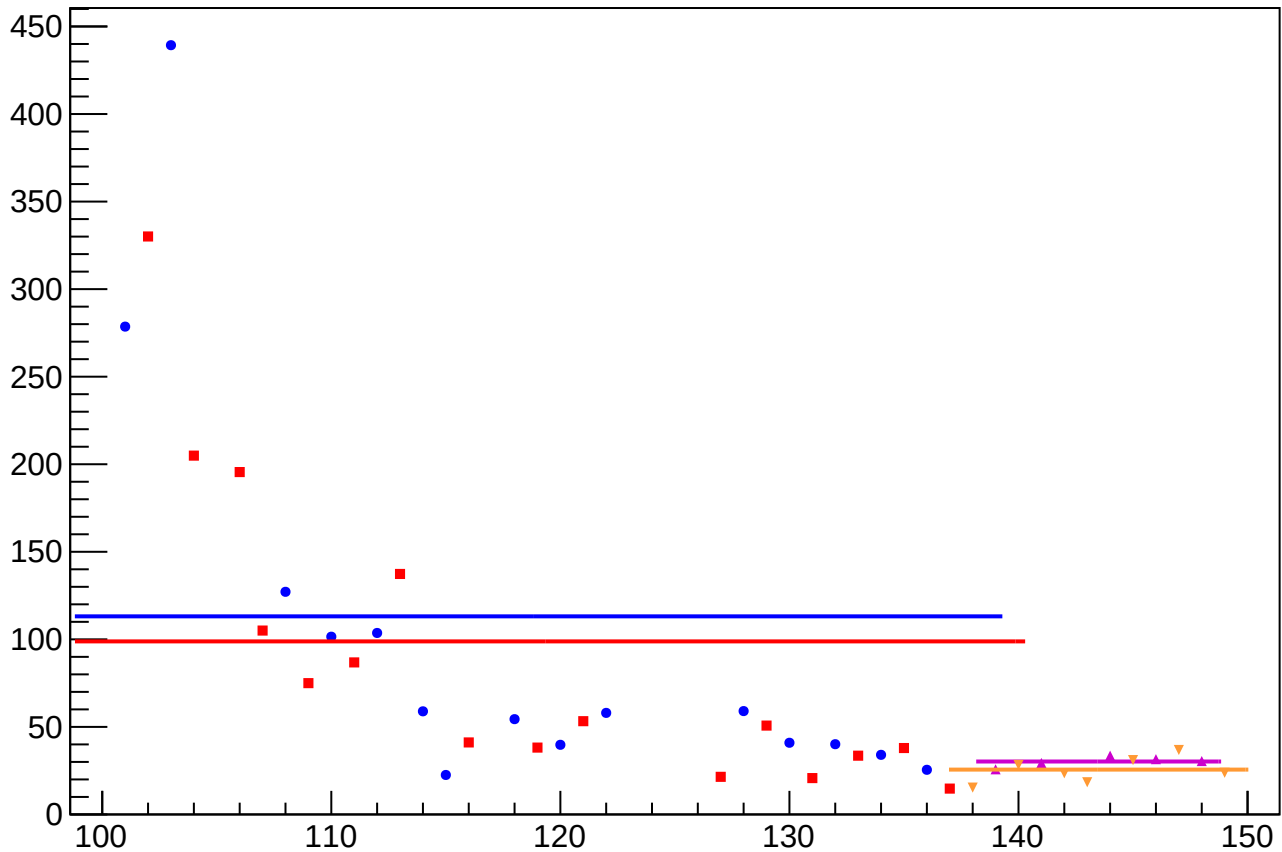
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1046.659+/-0.000	χ^2/NDF : 72549116108946
Left Out: 1088.810+/-0.000	χ^2/NDF : 39182171967707839802810616426109337600.0/6	All: 1036.417+/-0.000	χ^2/NDF : 16133861968
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1025.460+/-0.000	χ^2/NDF : 88536551817799
Left In: 1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4		

dit_sam1_coil6_mean vs Slug



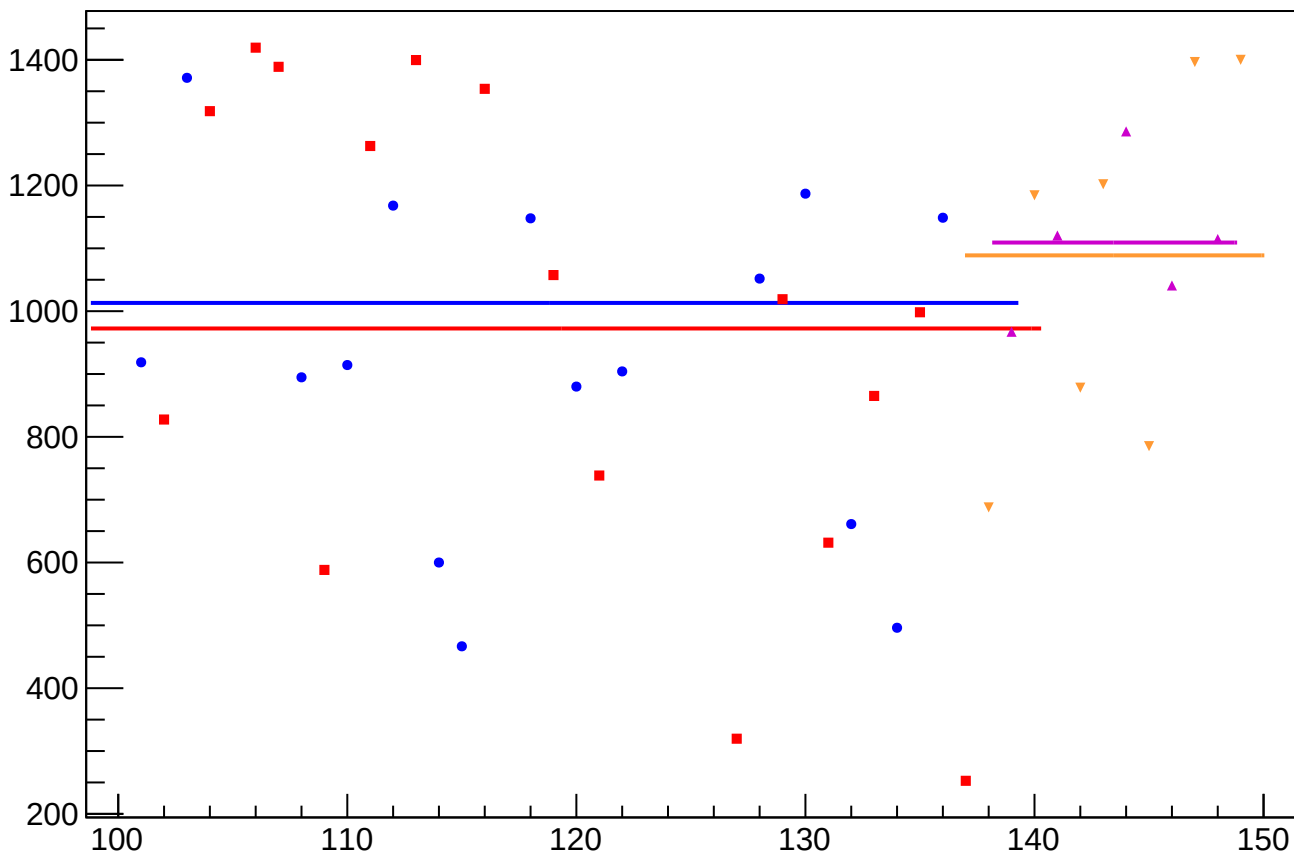
Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$
 Left Out: -2103.927 ± 0.000 $\chi^2/\text{NDF}: 41090603803423006071412505975820648448.0/6$
 Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$
 Left In: -2337.661 ± 0.000 $\chi^2/\text{NDF}: 18363828635064491950052244798736171008.0/4$

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134 $\pm$ 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.613 $\pm$ 0.000 χ^2/NDF : 24999144332425317794156959678595072.0/6
 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 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1088.810 $\pm$ 0.000 χ^2/NDF : 39182171967707839802810616426109337600.0/6

Right Out: 972.465 $\pm$ 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

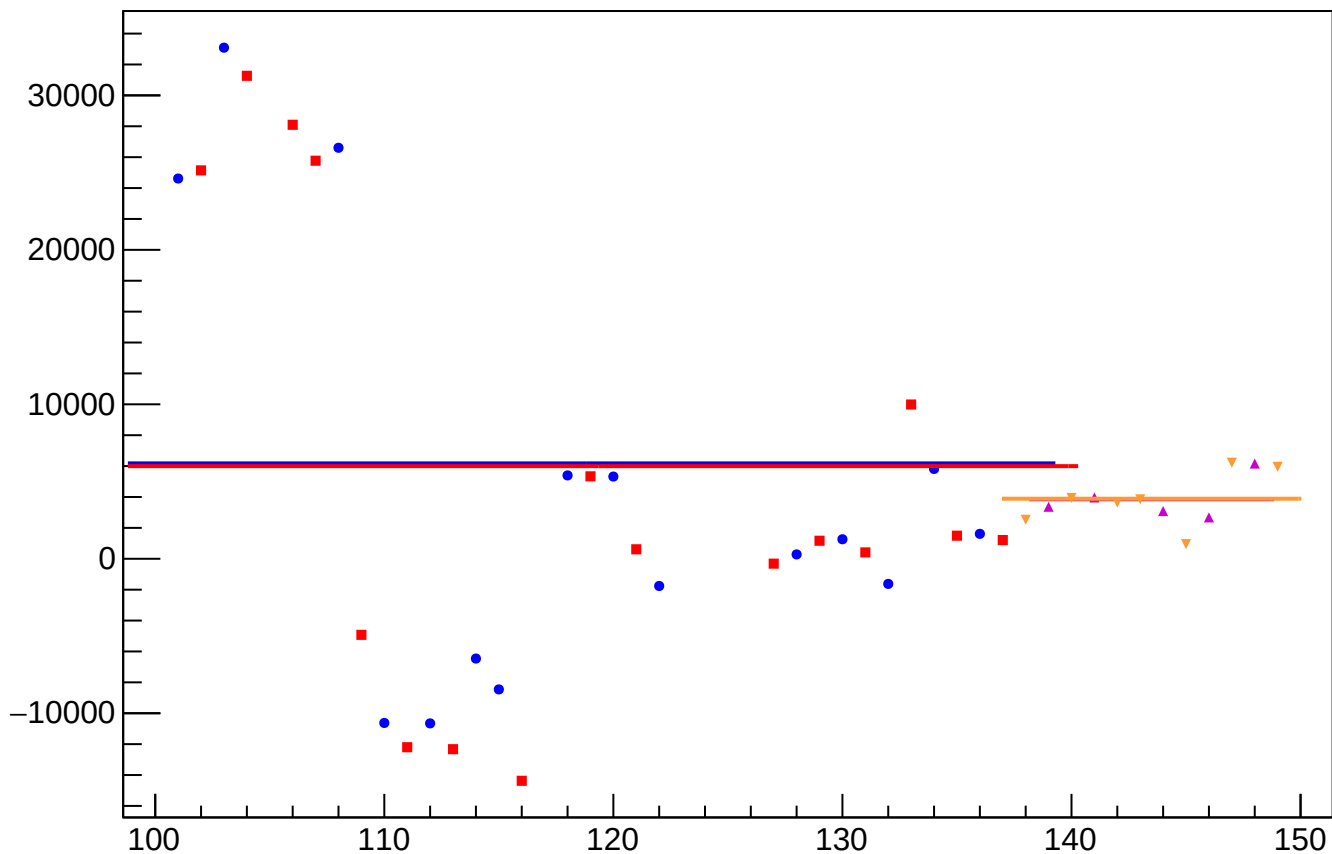
Left In: 1109.223 $\pm$ 0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1046.659 $\pm$ 0.000 χ^2/NDF : 72549116108946

All: 1036.417 $\pm$ 0.000 χ^2/NDF : 16133861968

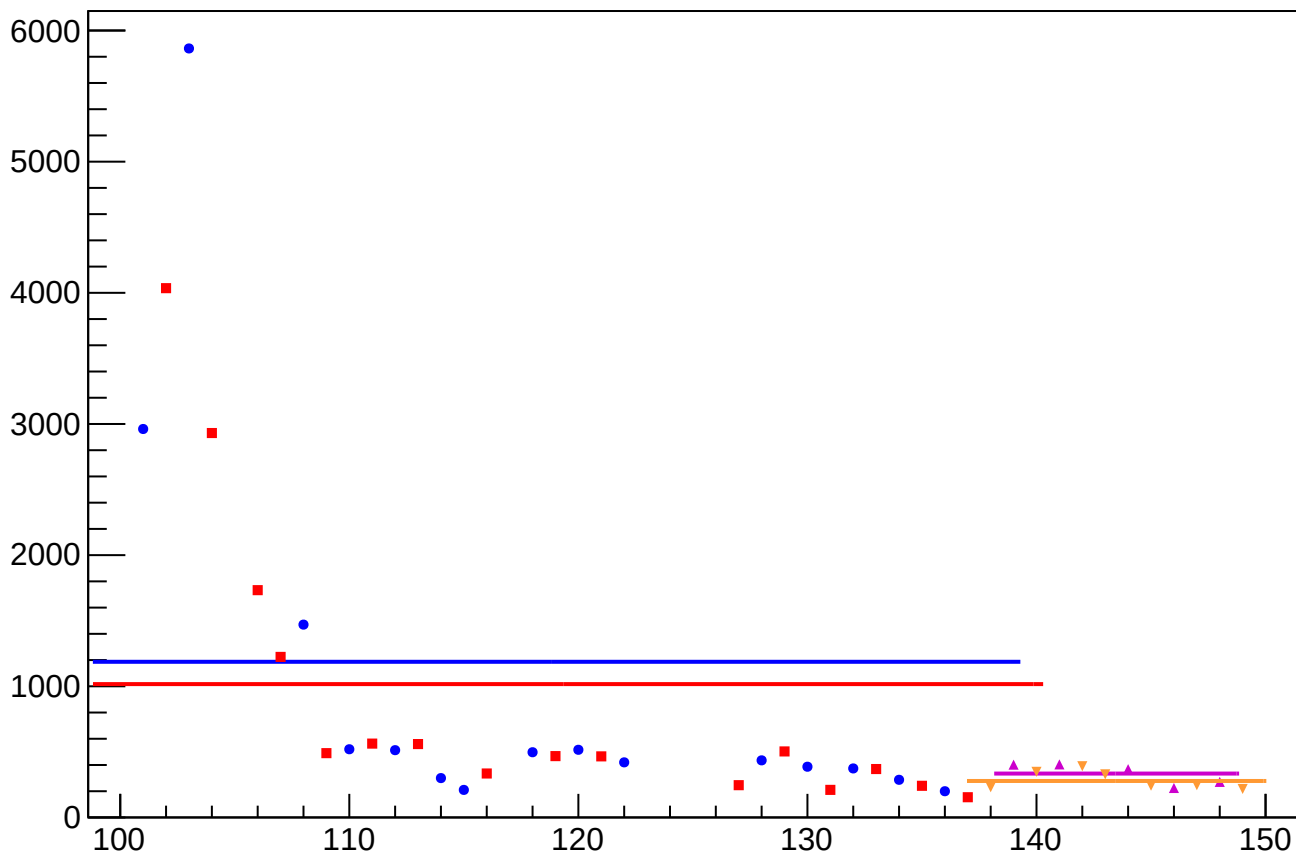
- sign 1025.460 $\pm$ 0.000 χ^2/NDF : 88536551817799

dit_sam2_coil6_mean vs Slug



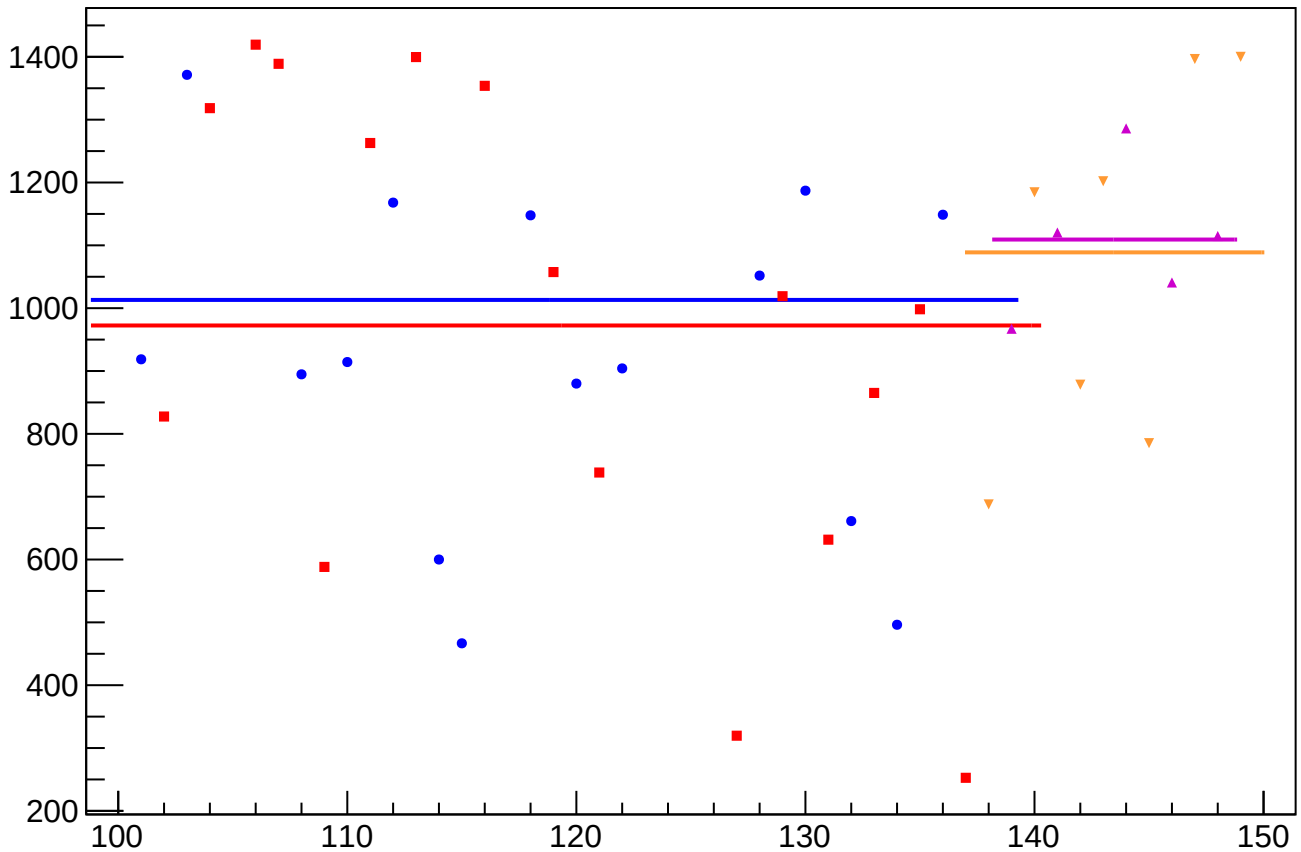
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 3888.895+/-0.000 χ^2/NDF : 1631157272485657142369855504805493997568.0/6
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 3852.061+/-0.000 χ^2/NDF : 635369703431016868088547800414987223040.0/4

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 278.134+/-0.000 χ^2/NDF : 1826372621463241409305884637452566528.0/6
 Right Out: 1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 334.651+/-0.000 χ^2/NDF : 2230300791949067776206589359980281856.0/4
 All: 768.928+/-0.000 χ^2/NDF : 308635662895
 + sign 784.361+/-0.000 χ^2/NDF : 203565699824366
 - sign 752.418+/-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: 1088.810 $\pm$ 0.000

+ sign 1046.659 $\pm$ 0.000 χ^2/NDF : 72549116108946

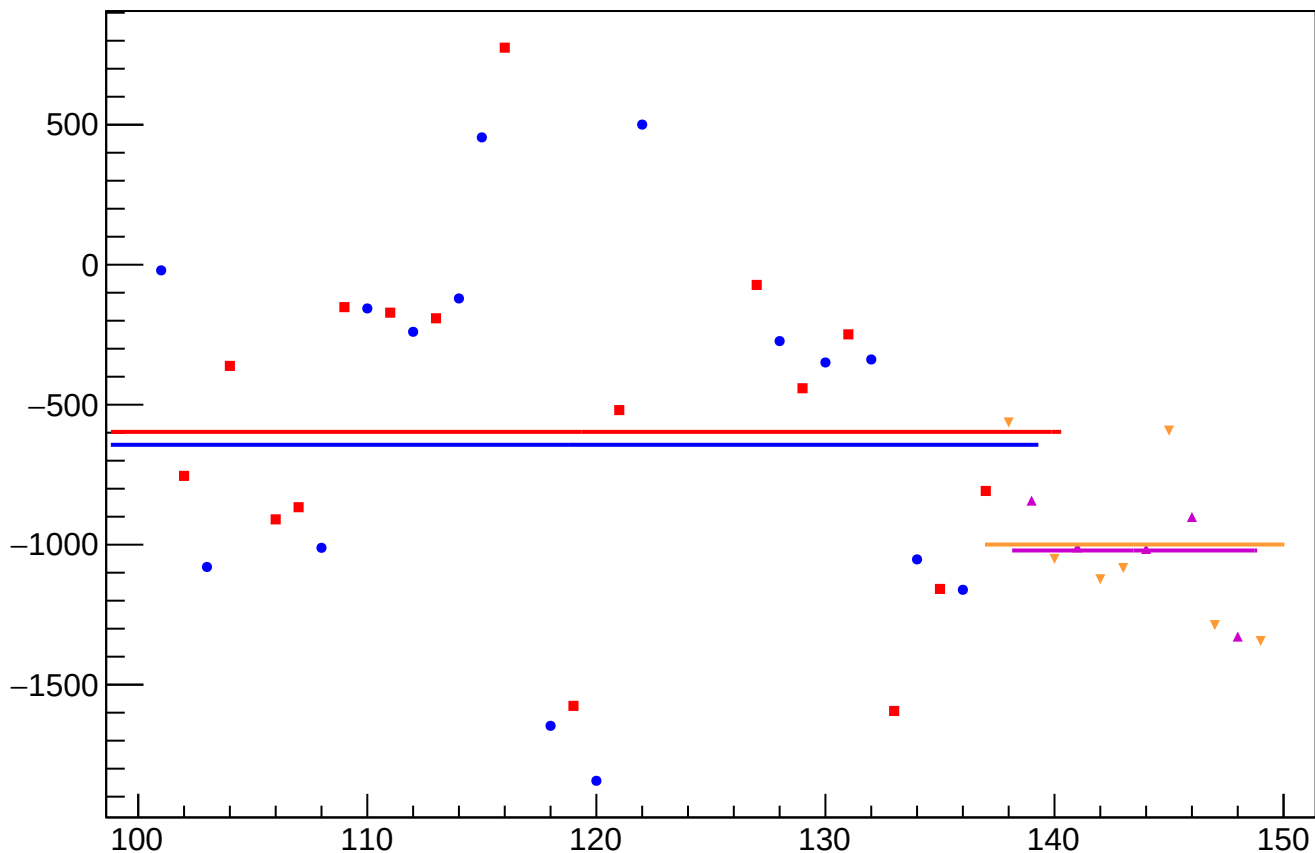
Right Out: 972.465 $\pm$ 0.000

All: 1036.417 $\pm$ 0.000 χ^2/NDF : 16133861968

Left In: 1109.223 $\pm$ 0.000

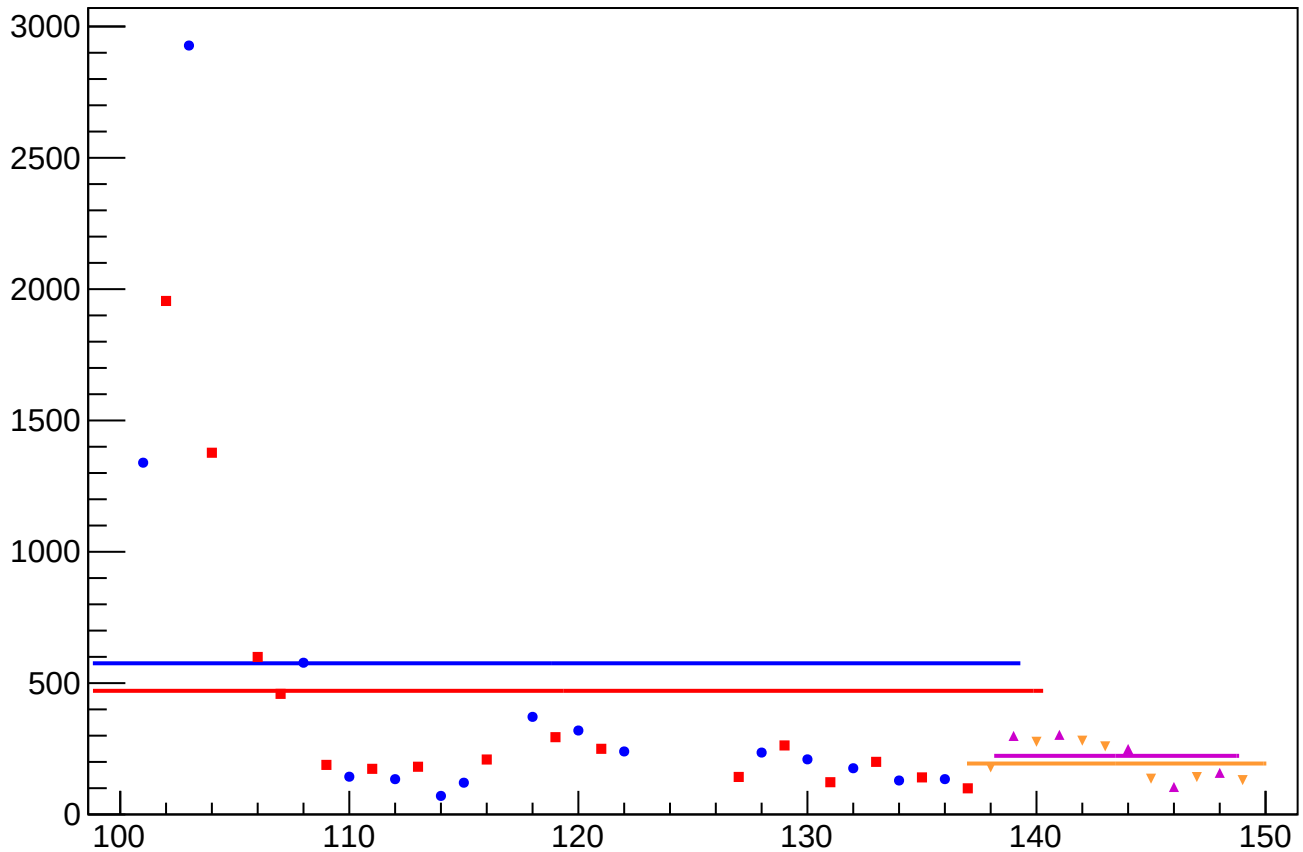
- sign 1025.460 $\pm$ 0.000 χ^2/NDF : 88536551817799

dit_sam3_coil6_mean vs Slug



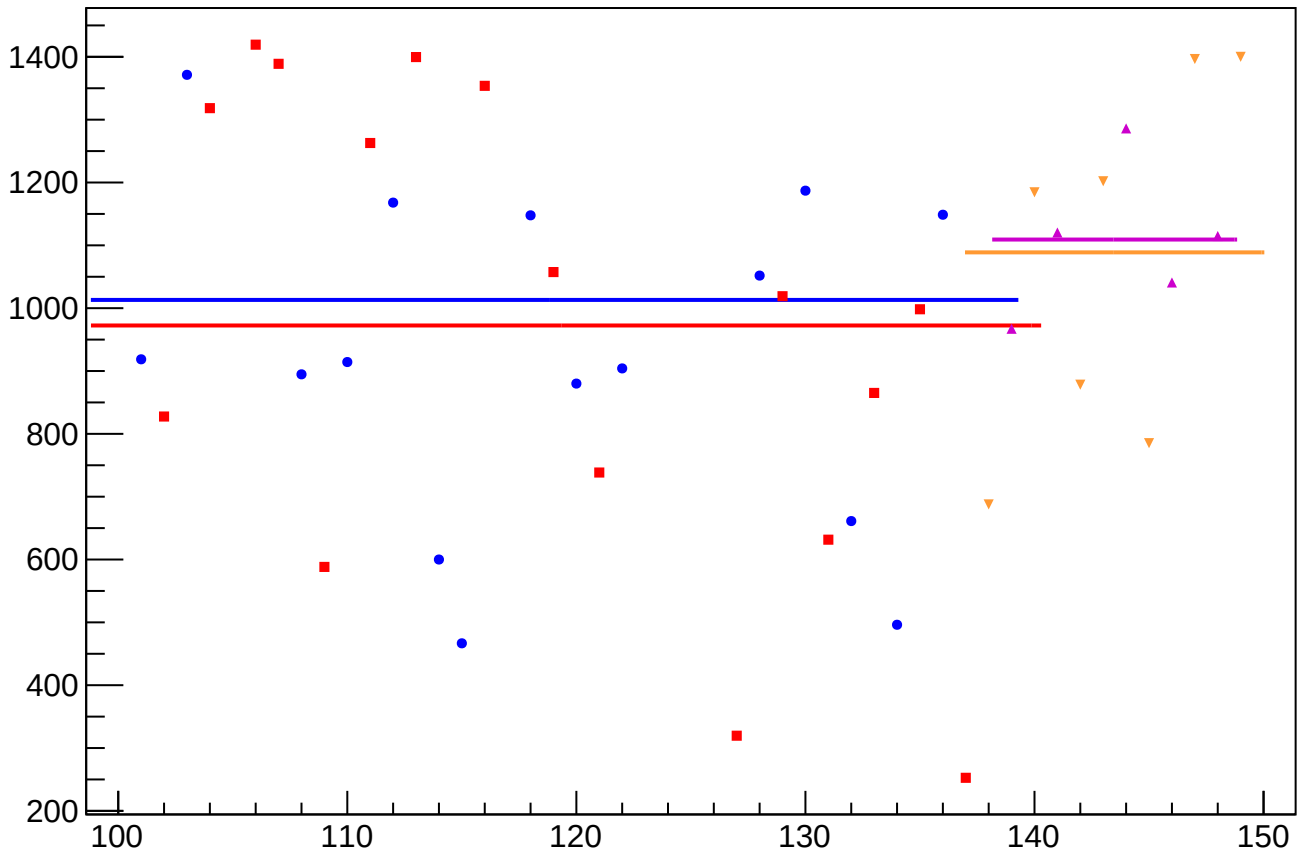
Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14
 Left Out: -999.412+/-0.000 χ^2/NDF : 46077546242605715745634457661858643968.0/6
 Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15
 Left In: -1020.746+/-0.000 χ^2/NDF : 11708769969654880291974961139896287232.0/4

dit_sam3_coil6_err_mean vs Slug



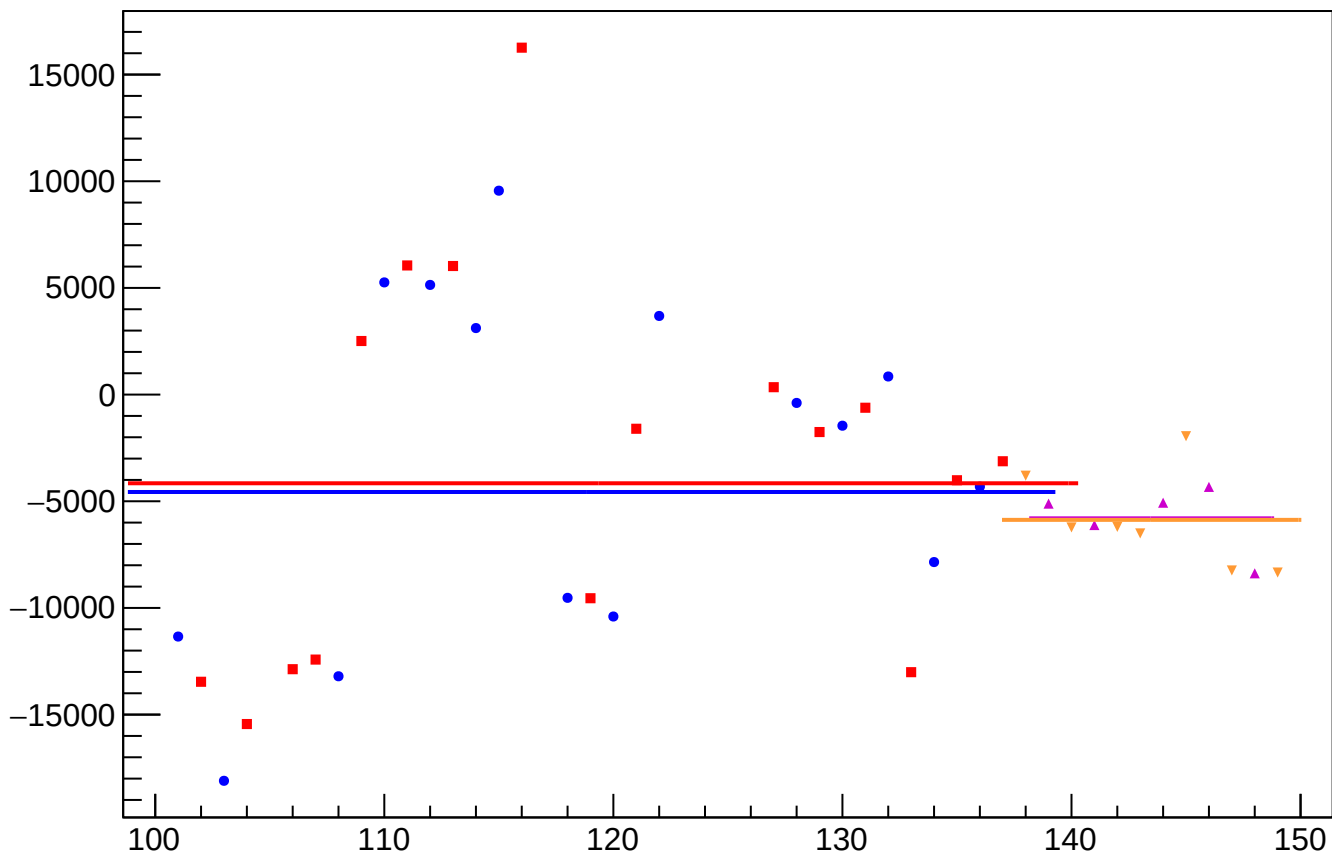
Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 193.900+/-0.000 χ^2/NDF : 2025837970410799696115069006762737664.0/6
 Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Left In: 223.175+/-0.000 χ^2/NDF : 2588599812901502979986151124418691072.0/4

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1046.659 $\pm$ 0.000	χ^2/NDF : 72549116108946
Left Out: 1088.810 $\pm$ 0.000	χ^2/NDF : 39182171967707839802810616426109337600.0/6	All: 1036.417 $\pm$ 0.000	χ^2/NDF : 16133861968
Right Out: 972.465 $\pm$ 0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1025.460 $\pm$ 0.000	χ^2/NDF : 88536551817799
Left In: 1109.223 $\pm$ 0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4		

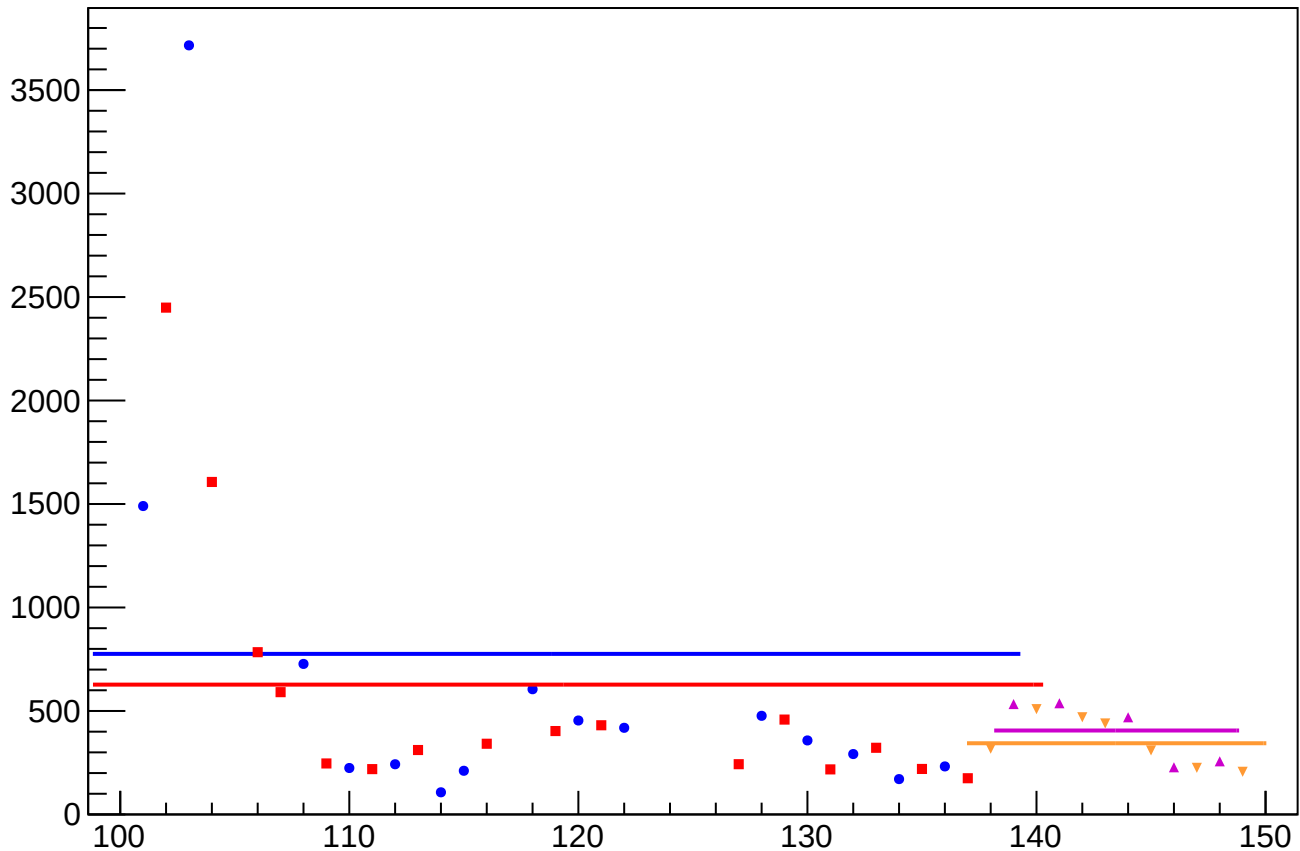
dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -5871.863+/-0.000	χ^2/NDF : 2572608752827895599987484166897509859328.0/6
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 -5144.063+/-0.000 χ^2/NDF : 3873100728709
 All: -4974.695+/-0.000 χ^2/NDF : 8587012697
 - 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: 344.027+/-0.000 χ^2/NDF : 6414528332038803527437252196393025536.0/6

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

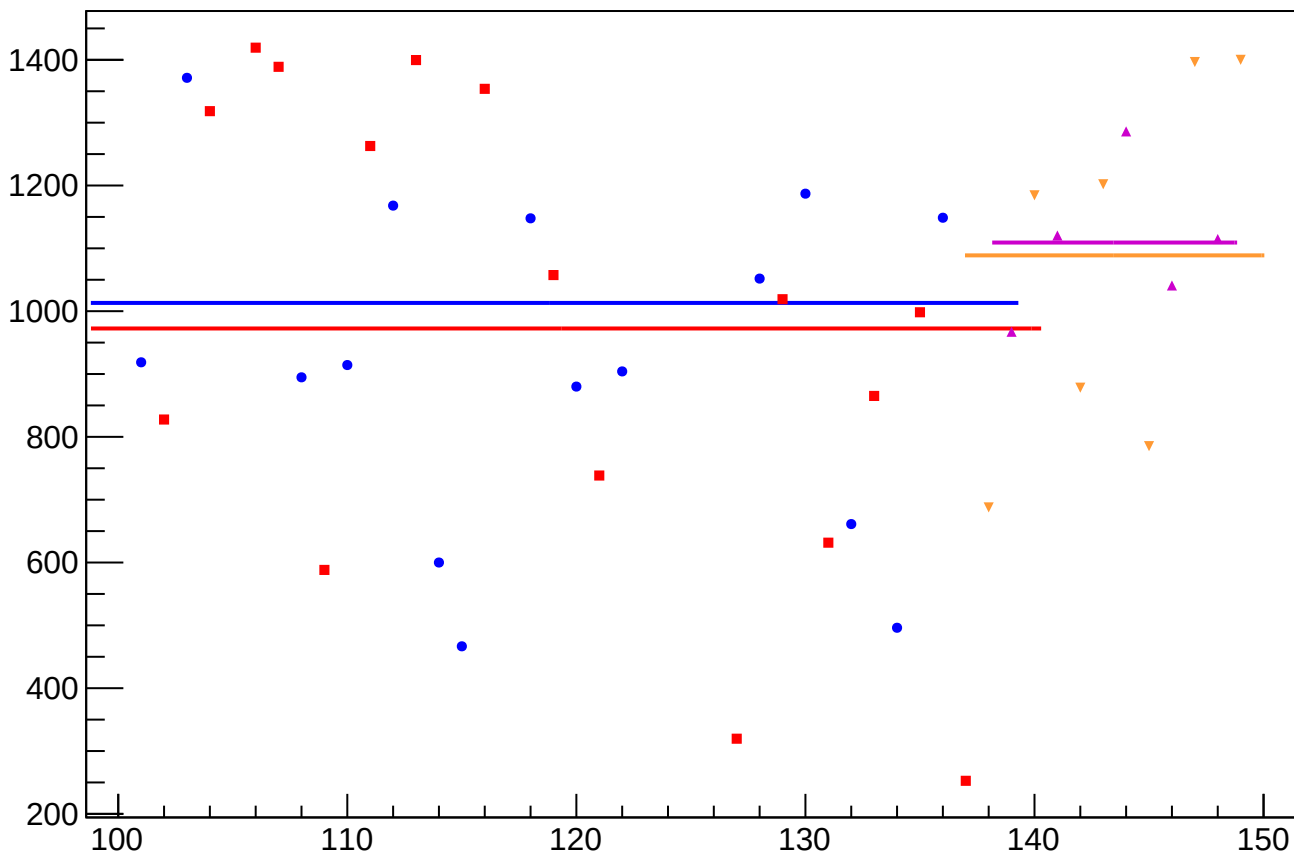
Left In: 405.612+/-0.000 χ^2/NDF : 7640595054413170408799910304055033856.0/4

+ sign 584.573+/-0.000 χ^2/NDF : 701866753810080

All: 563.716+/-0.000 χ^2/NDF : 102077844025

- 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: 1088.810 $\pm$ 0.000 χ^2 /NDF: 39182171967707839802810616426109337600.0/6

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

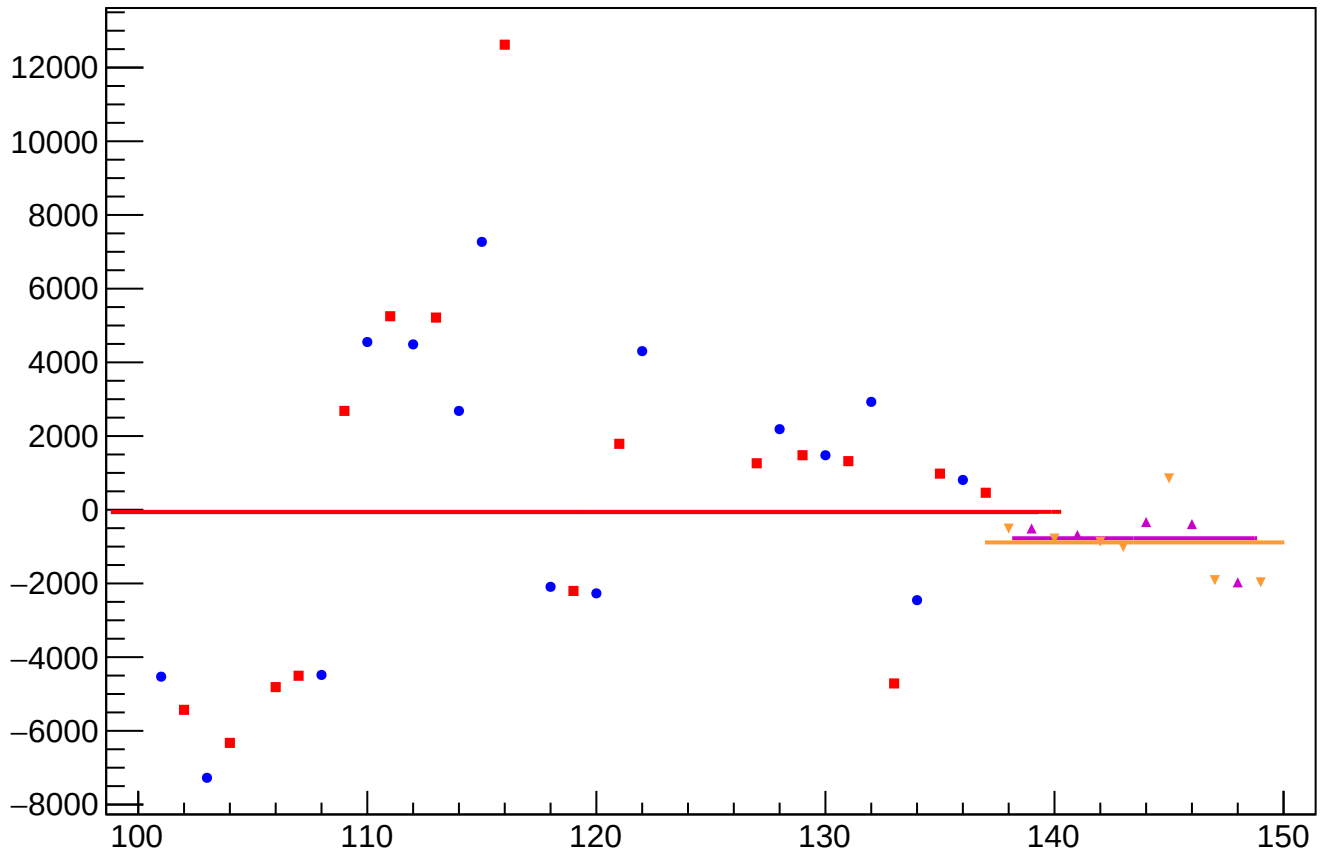
Left In: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

+ sign 1046.659 $\pm$ 0.000 χ^2 /NDF: 72549116108946

All: 1036.417 $\pm$ 0.000 χ^2 /NDF: 16133861968

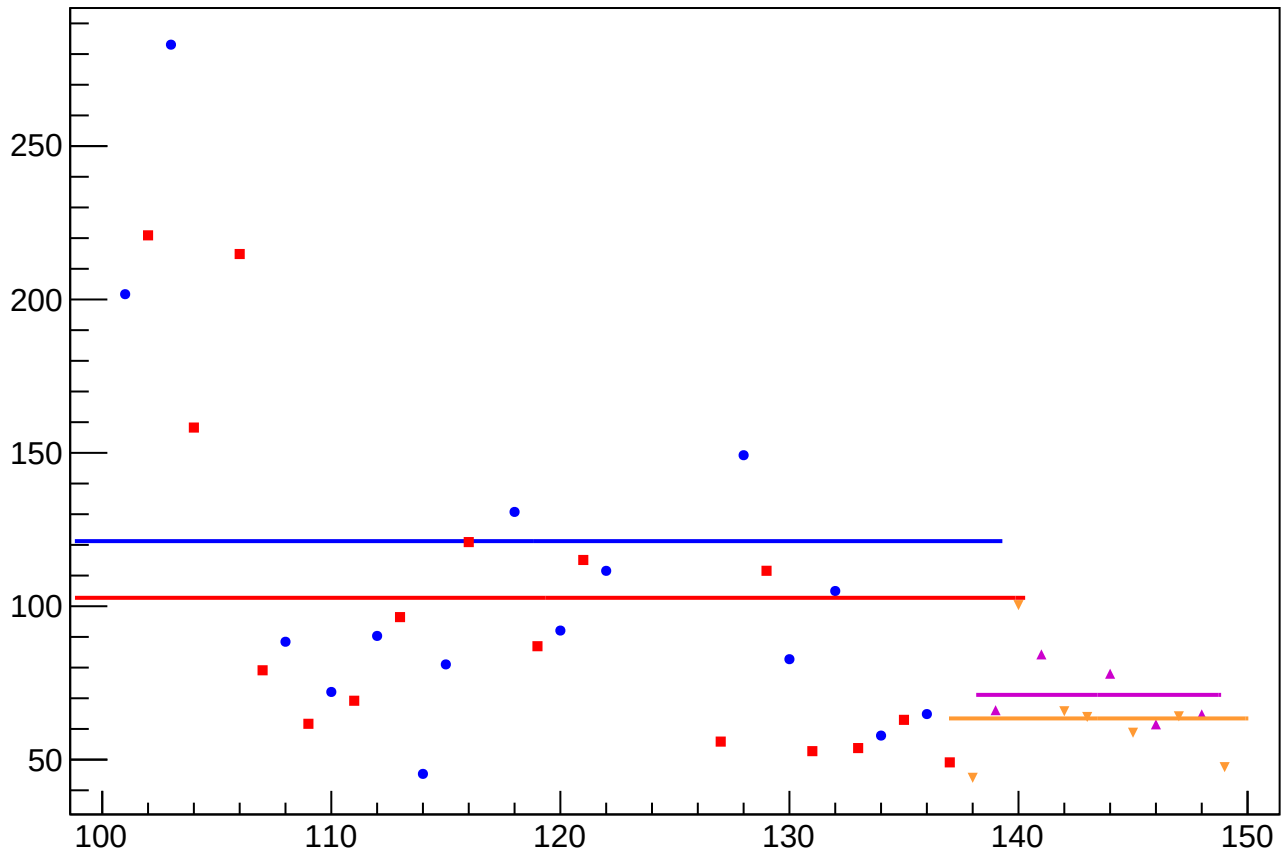
- sign 1025.460 $\pm$ 0.000 χ^2 /NDF: 88536551817799

dit_sam5_coil6_mean vs Slug



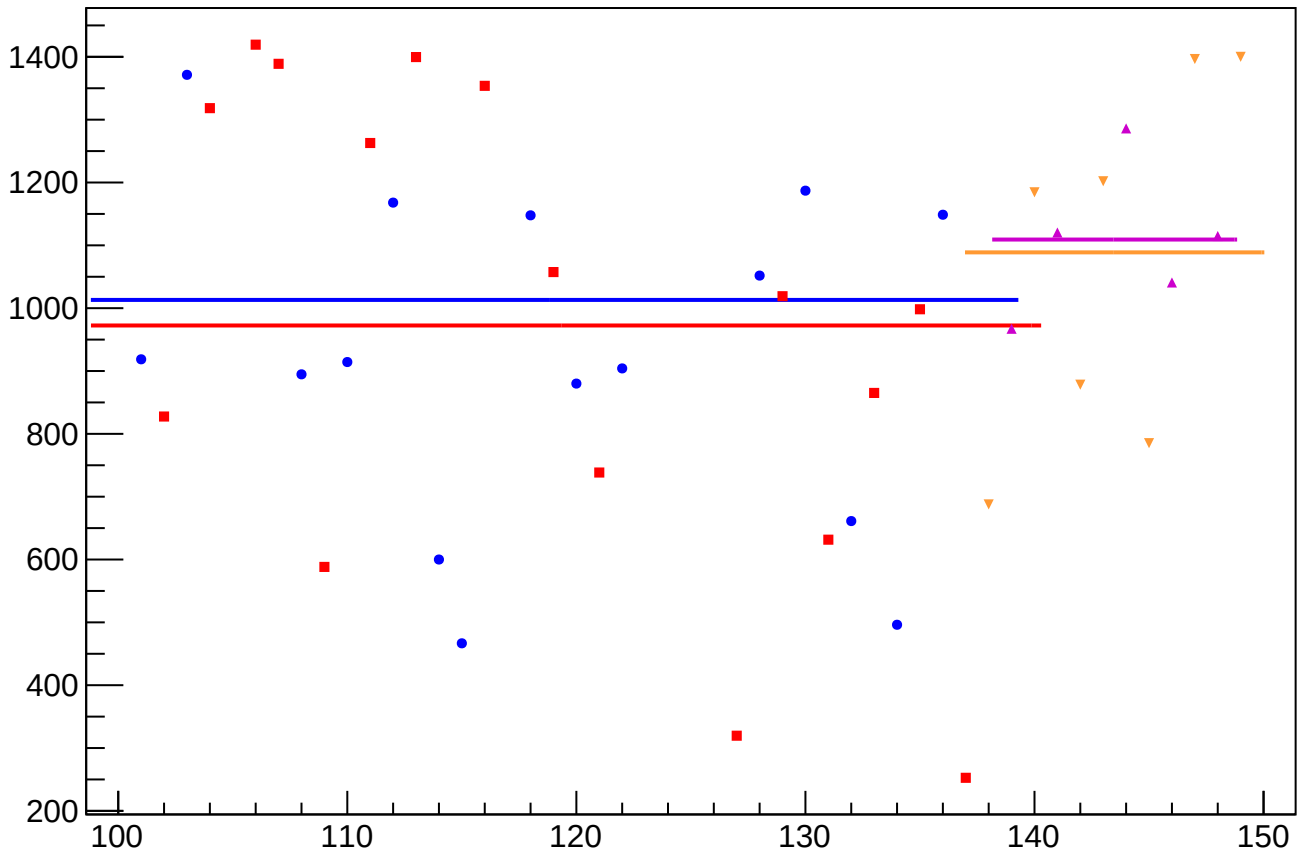
Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Left Out: -886.785+/-0.000 χ^2/NDF : 438037718383286504781514570280327970816.0/6
 Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
 Left In: -773.630+/-0.000 χ^2/NDF : 156168465022592518343888292539629830144.0/4

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14
 Left Out: 63.427 $\pm$ 0.000 χ^2 /NDF: 164310916469298588988924598497050624.0/6
 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: 93.144 $\pm$ 0.000 χ^2 /NDF: 6121234631050
 + sign 95.627 $\pm$ 0.000 χ^2 /NDF: 3847838270592946
 - sign 90.488 $\pm$ 0.000 χ^2 /NDF: 2258533775040480

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1088.810 $\pm$ 0.000

χ^2/NDF : 39182171967707839802810616426109337600.0/6

Right Out: 972.465 $\pm$ 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1109.223 $\pm$ 0.000

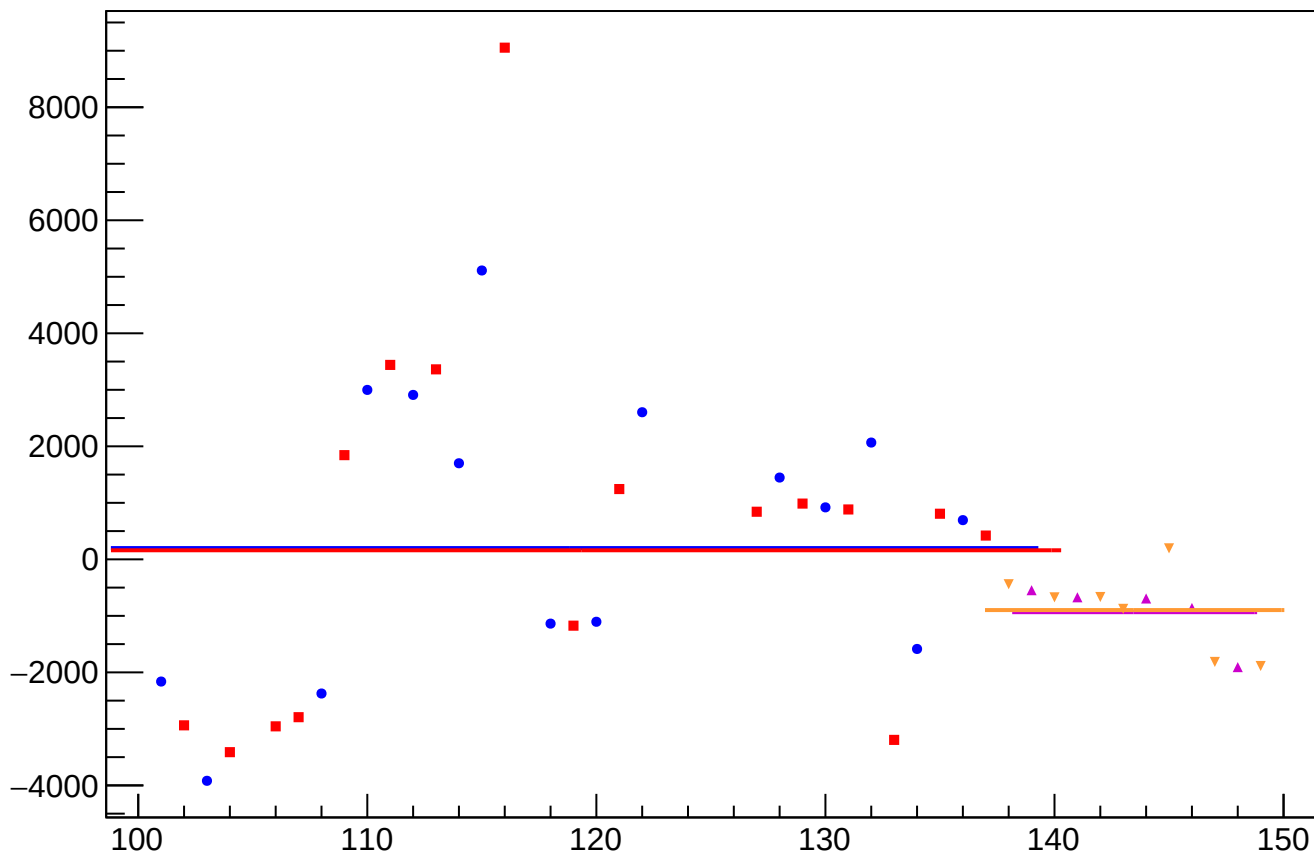
χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1046.659 $\pm$ 0.000 χ^2/NDF : 72549116108946

All: 1036.417 $\pm$ 0.000 χ^2/NDF : 16133861968

- sign 1025.460 $\pm$ 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: -897.591+/-0.000 χ^2/NDF : 267564518496037293132359430173387390976.0/6

Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

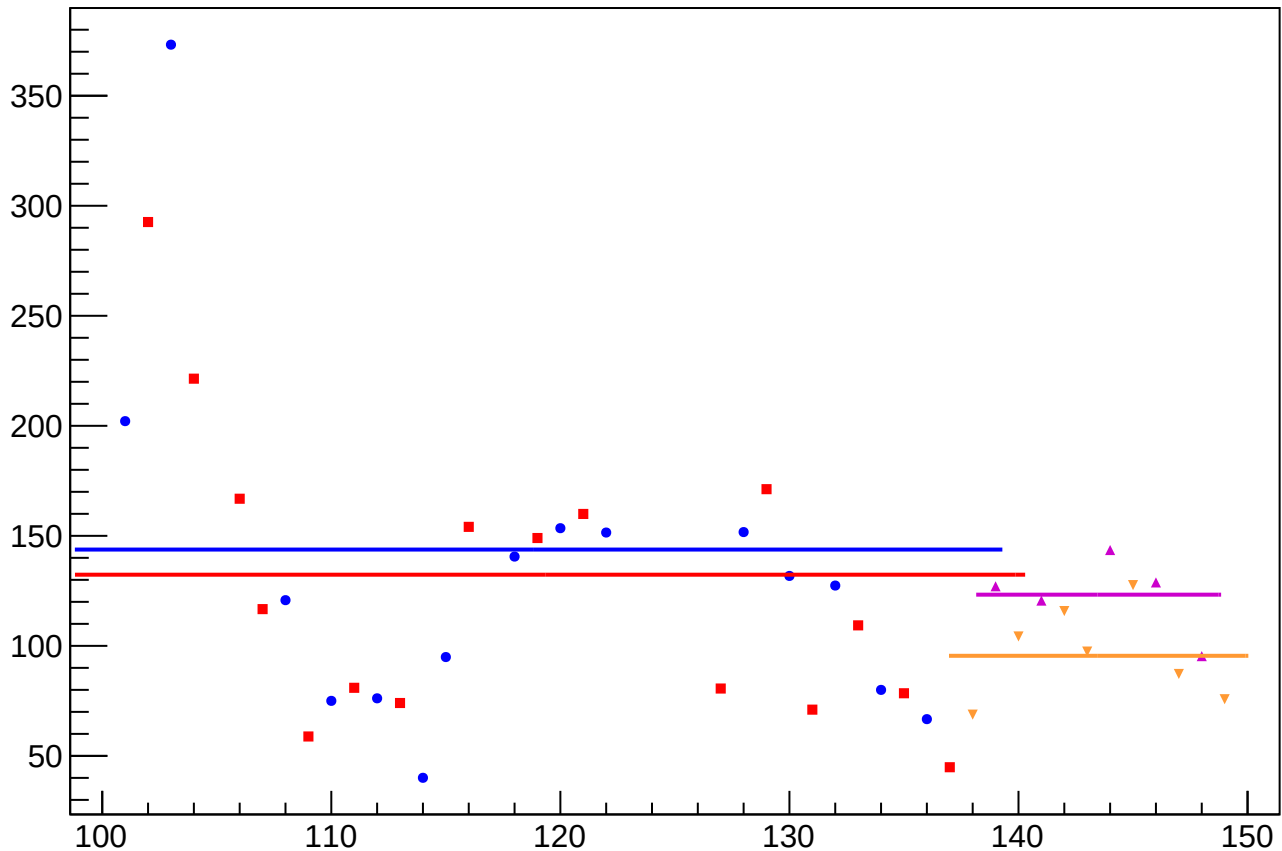
Left In: -934.733+/-0.000 χ^2/NDF : 103221710810210356483041475219106562048.0/4

+ sign -286.420+/-0.000 χ^2/NDF : 38817084996593

All: -275.543+/-0.000 χ^2/NDF : 99758430503

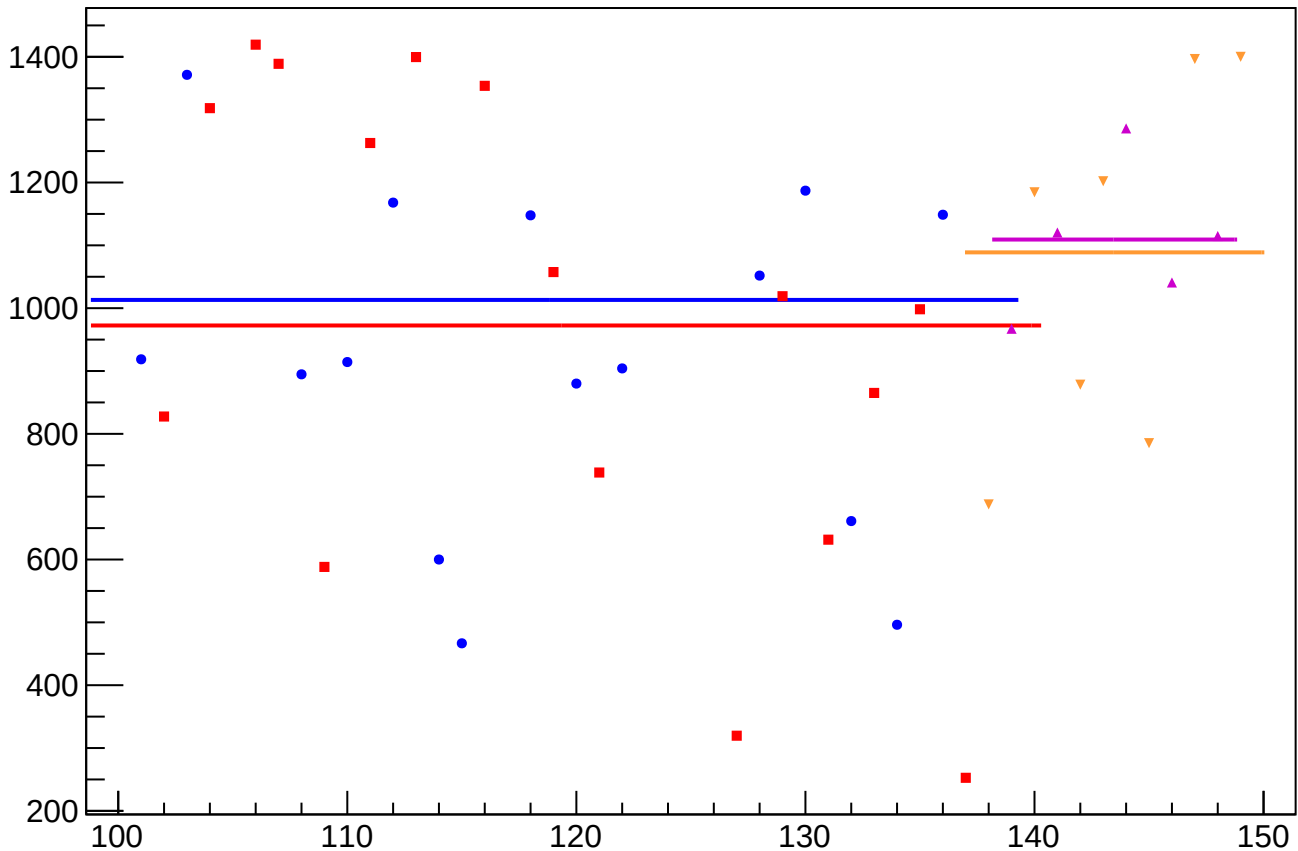
- sign -263.908+/-0.000 χ^2/NDF : 609384929804977

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14
 Left Out: 95.484 $\pm$ 0.000 χ^2 /NDF: 202965869425707634942499677485924352.0/6
 Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15
 Left In: 123.265 $\pm$ 0.000 χ^2 /NDF: 106535669802756178144612664507105280.0/4
 All: 125.493 $\pm$ 0.000 χ^2 /NDF: 87130748994.0/15
 + sign 122.380 $\pm$ 0.000 χ^2 /NDF: 538778825476612.0/15
 - sign 128.824 $\pm$ 0.000 χ^2 /NDF: 330191163811235.0/15

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1088.810+/-0.000

χ^2/NDF : 39182171967707839802810616426109337600.0/6

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1109.223+/-0.000

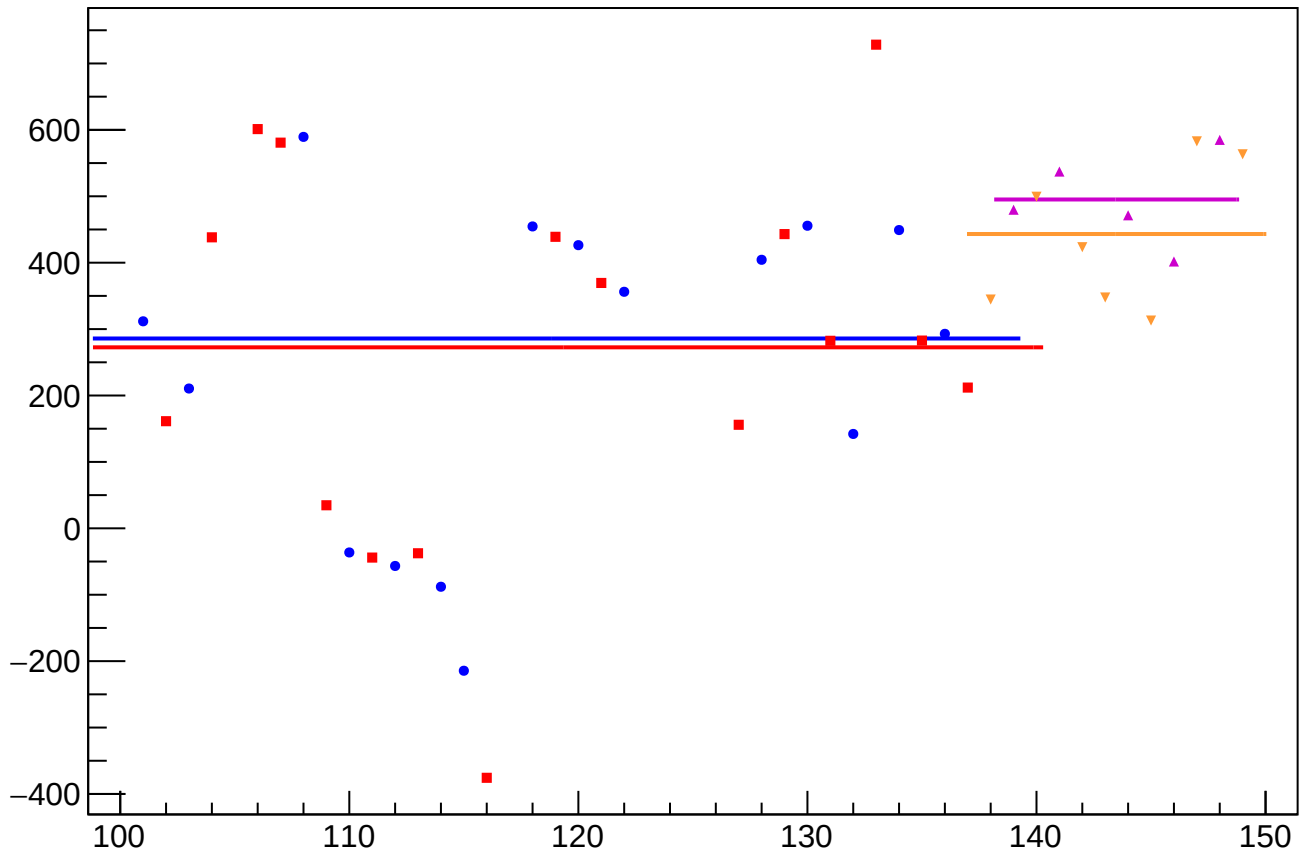
χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1046.659+/-0.000 χ^2/NDF : 72549116108946

All: 1036.417+/-0.000 χ^2/NDF : 16133861968

- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 443.188+/-0.000 χ^2/NDF : 5753325972254686398267158593693286400.0/6

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

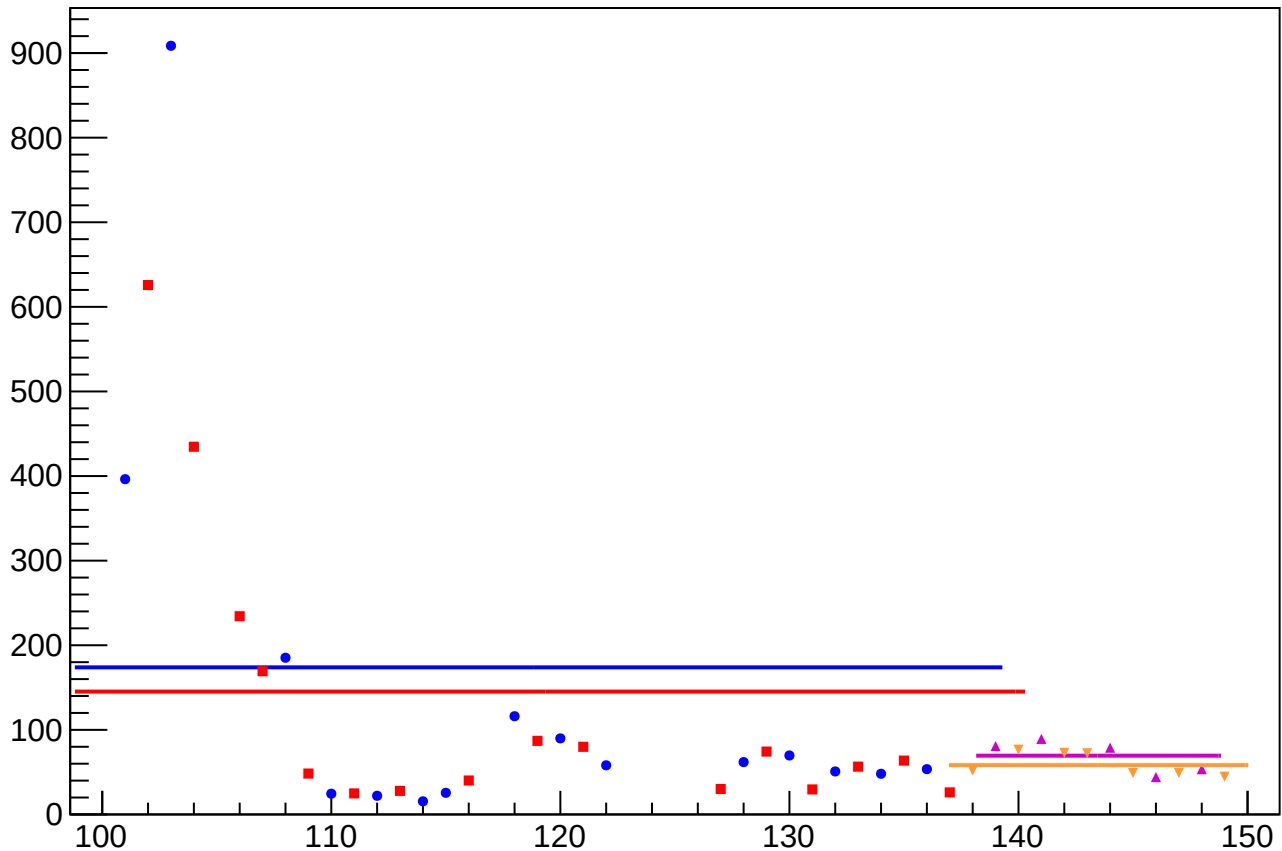
Left In: 495.175+/-0.000 χ^2/NDF : 1620442798755821415333414570989453312.0/4

+ sign 355.541+/-0.000 χ^2/NDF : 369770225897755

All: 357.122+/-0.000 χ^2/NDF : 955650420298

- sign 358.813+/-0.000 χ^2/NDF : 585819960026712

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

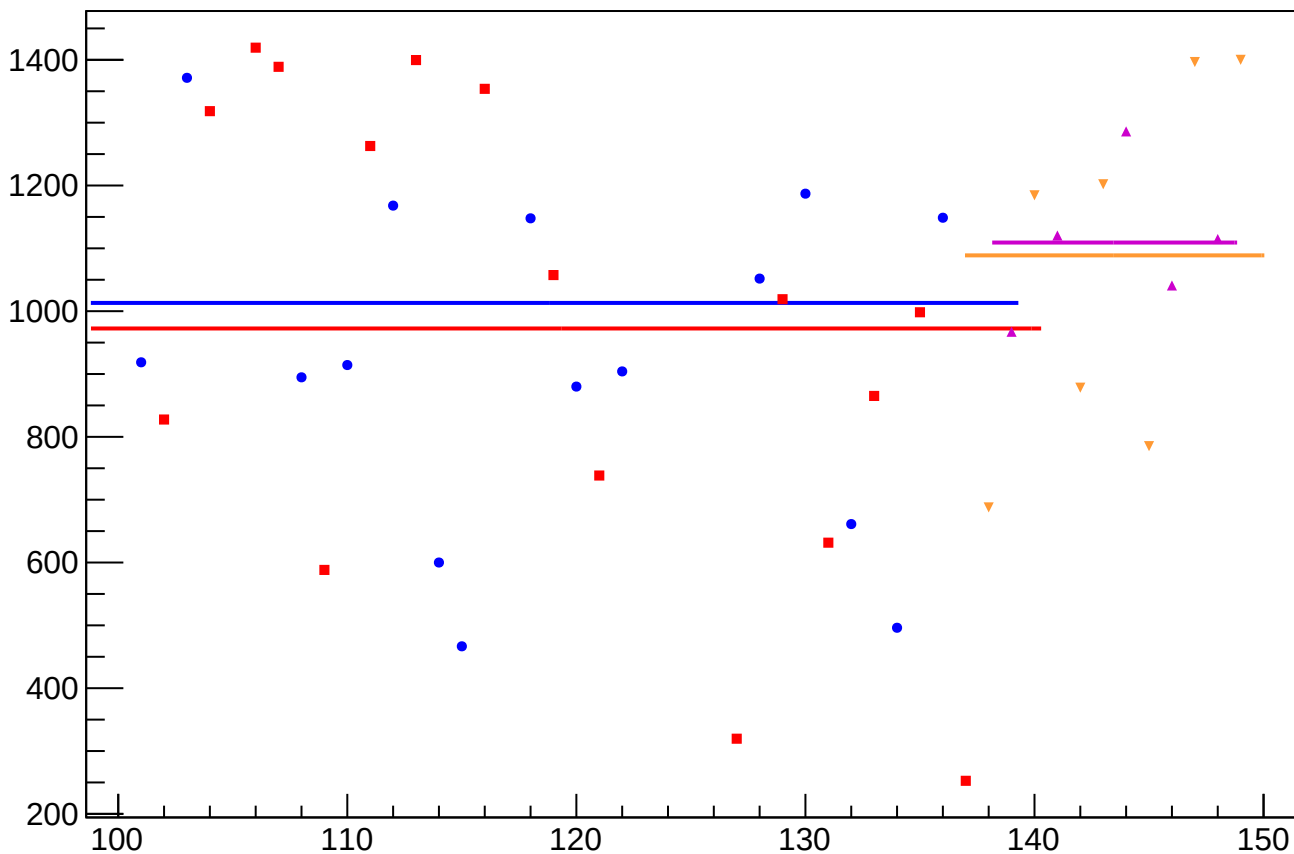
Left Out: 58.267+/-0.000 χ^2/NDF : 82664160239132903775808332706611200.0/6

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: 119.387+/-0.000 χ^2/NDF : 697942574179

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1088.810+/-0.000 χ^2/NDF : 39182171967707839802810616426109337600.0/6

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

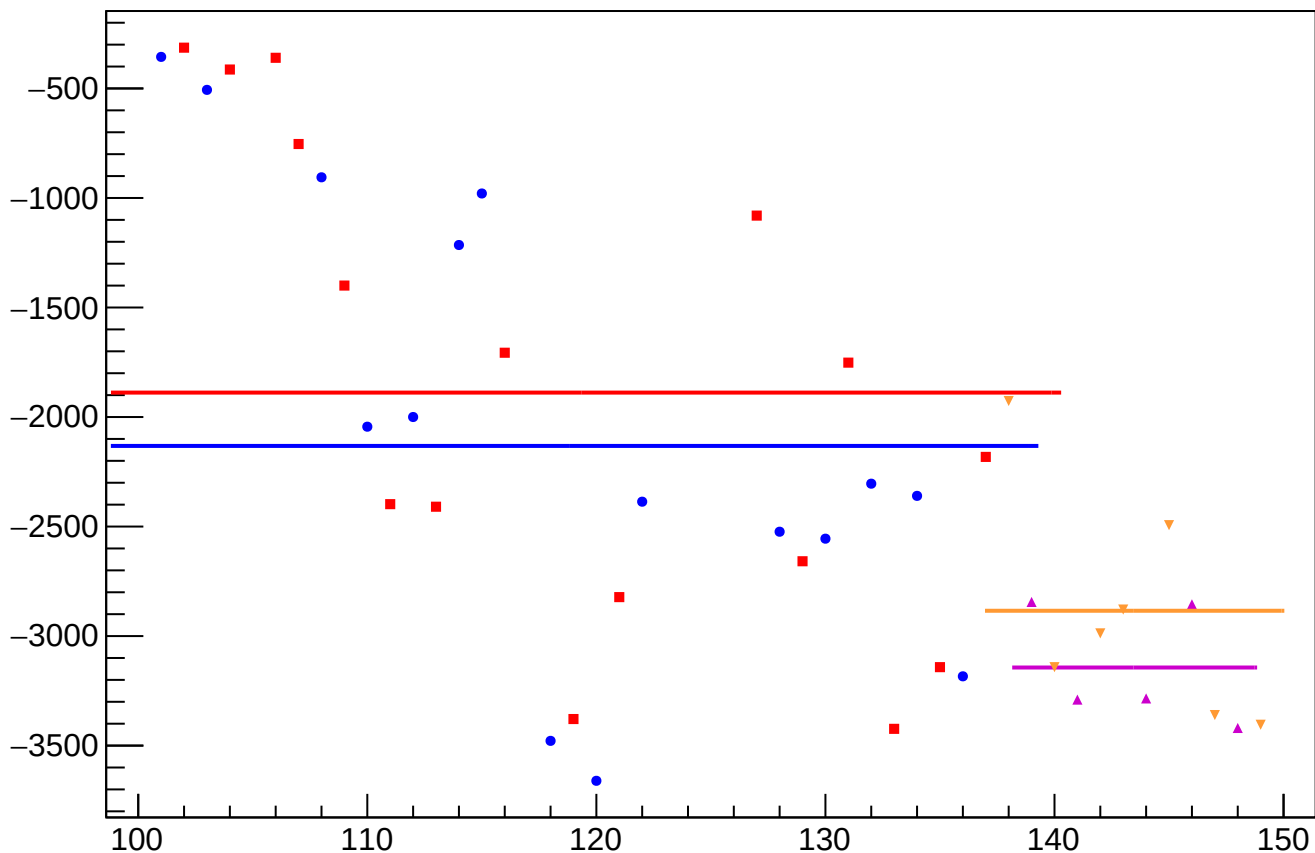
Left In: 1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1046.659+/-0.000 χ^2/NDF : 72549116108946

All: 1036.417+/-0.000 χ^2/NDF : 16133861968

- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

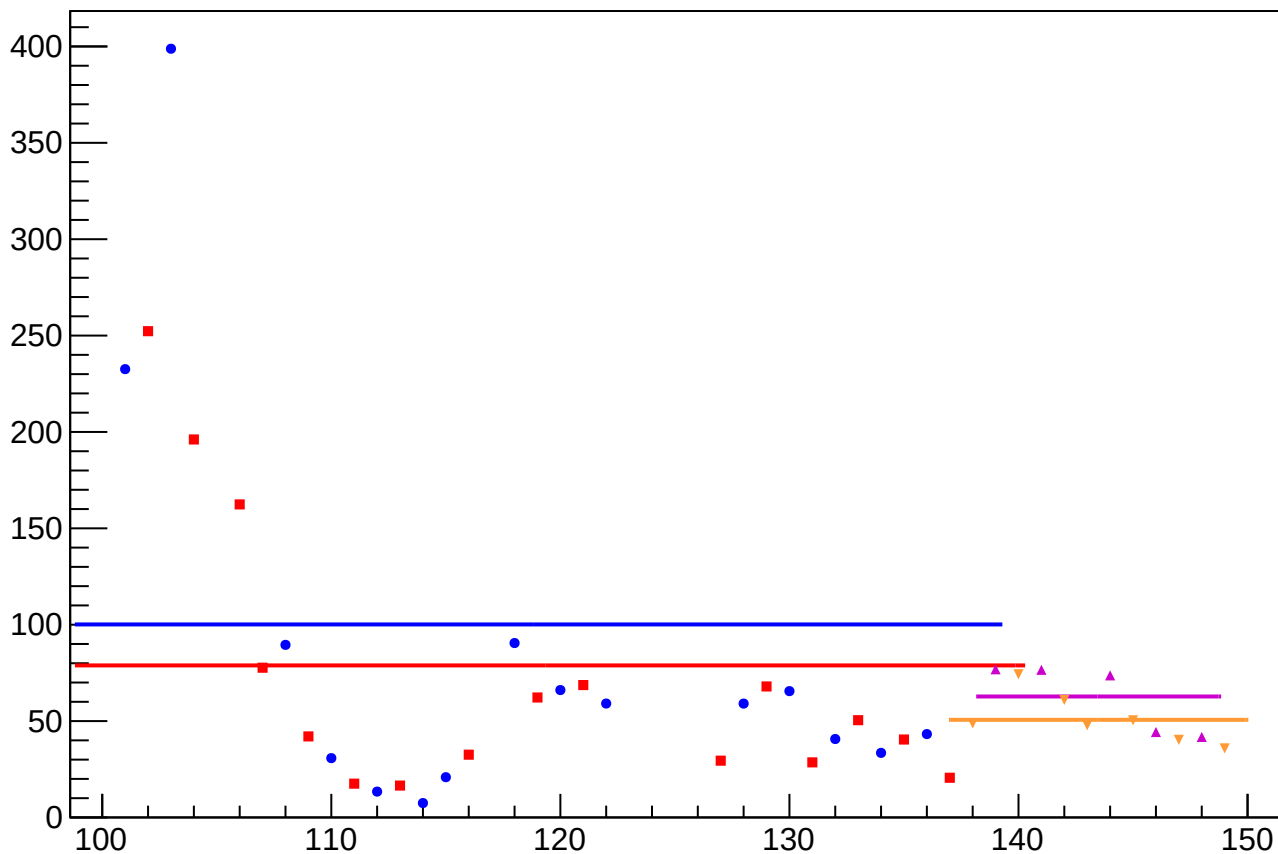
dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14
Left Out: -2884.400+/-0.000	χ^2/NDF : 130248140019212449631071940948730576896.0/6
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 -2465.199+/-0.000 χ^2/NDF : 1015452069726
 All: -2421.519+/-0.000 χ^2/NDF : 2243323247
 - 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

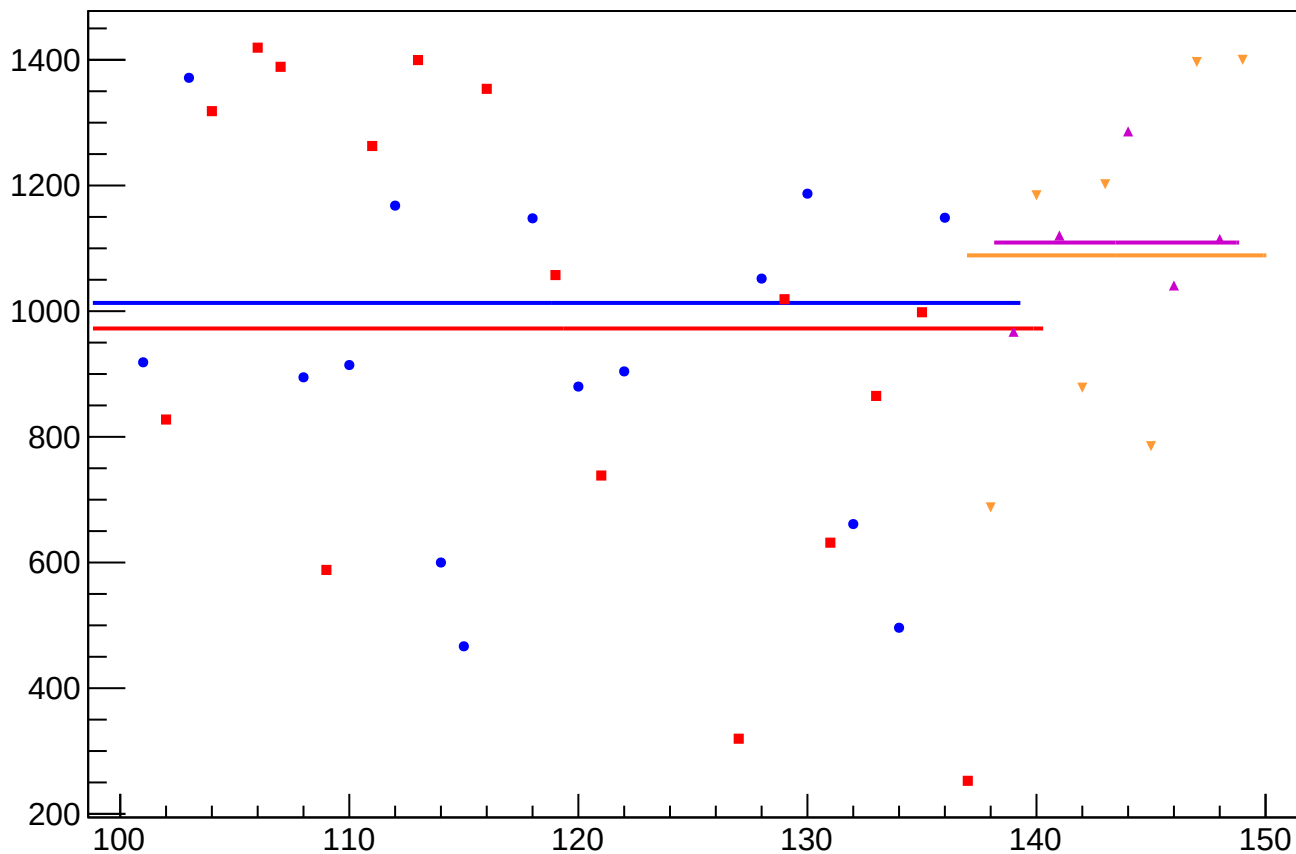
Left Out: 50.661 ± 0.000 χ^2/NDF : 78376744157037201719137231165194240.0/6

Right Out: 78.881 ± 0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

Left In: 62.762 ± 0.000 χ^2/NDF : 108320738095506399114344916534165504.0/4

All: 75.523 ± 0.000 χ^2/NDF : 1231405440301

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1088.810 +/- 0.000 χ^2/NDF : 39182171967707839802810616426109337600.0/6

Right Out: 972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

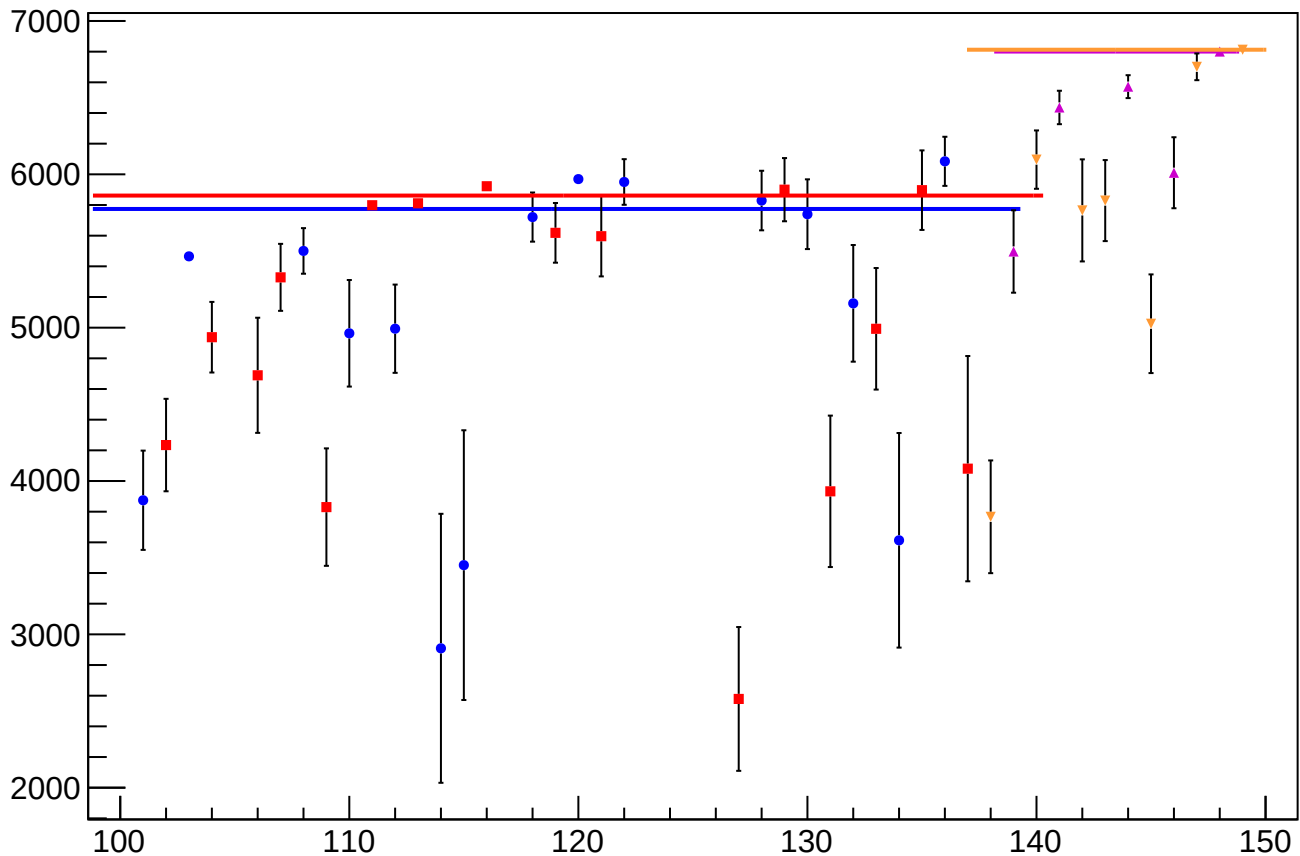
Left In: 1109.223 +/- 0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1046.659 +/- 0.000 χ^2/NDF : 72549116108946

All: 1036.417 +/- 0.000 χ^2/NDF : 16133861968

- 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: 6812.621 $\pm$ 0.311 χ^2 /NDF:139.1/6

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

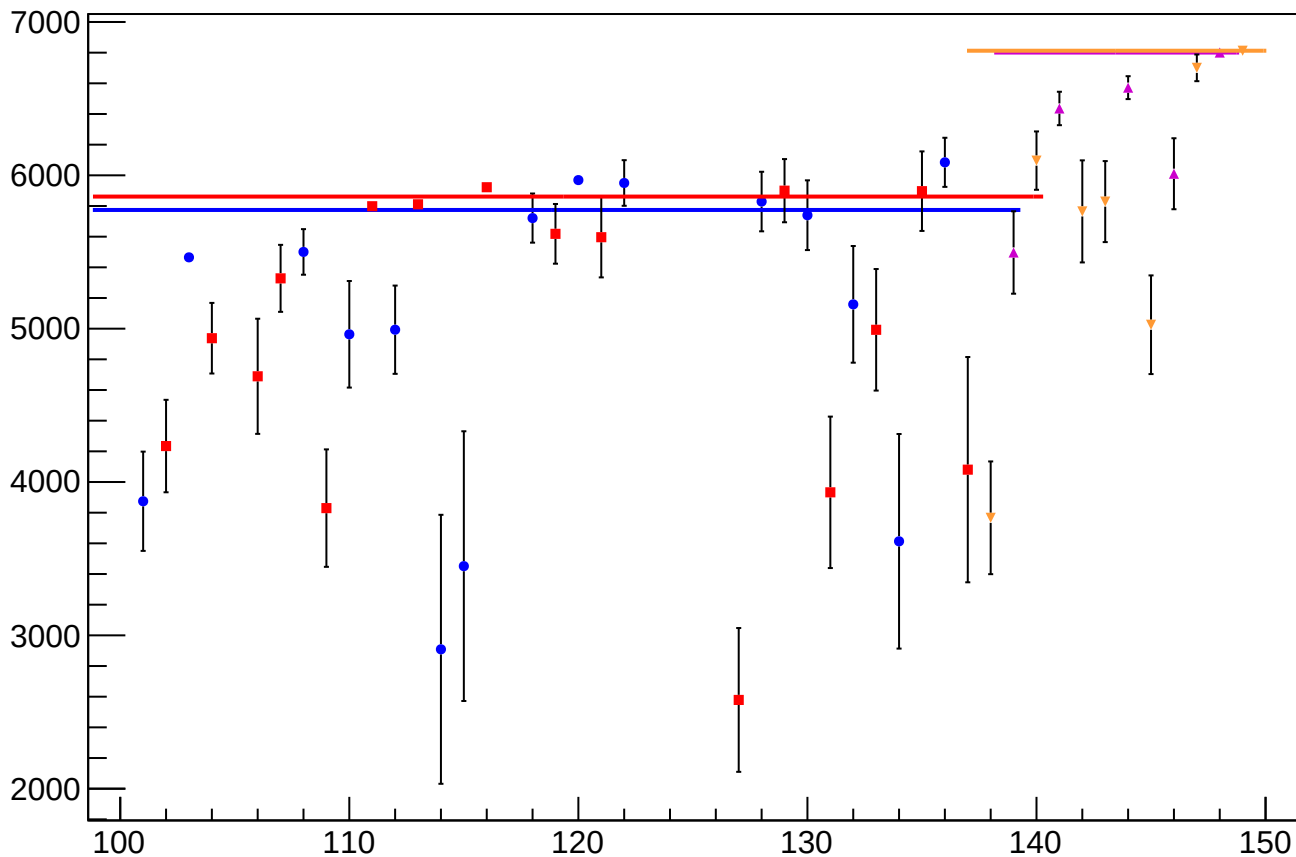
Left In: 6800.628 $\pm$ 0.382 χ^2 /NDF:55.8/4

+ sign 6038.095 $\pm$ 0.157 χ^2 /NDF: 10154635.2/21

All: 5999.156 $\pm$ 0.101 χ^2 /NDF: 15763652.5/4

- sign 5971.897 $\pm$ 0.131 χ^2 /NDF: 5504050.7/20

dit_run_rms vs Slug



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 6812.621 ± 0.311 $\chi^2/\text{NDF}: 139.1/6$

Right Out: 5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

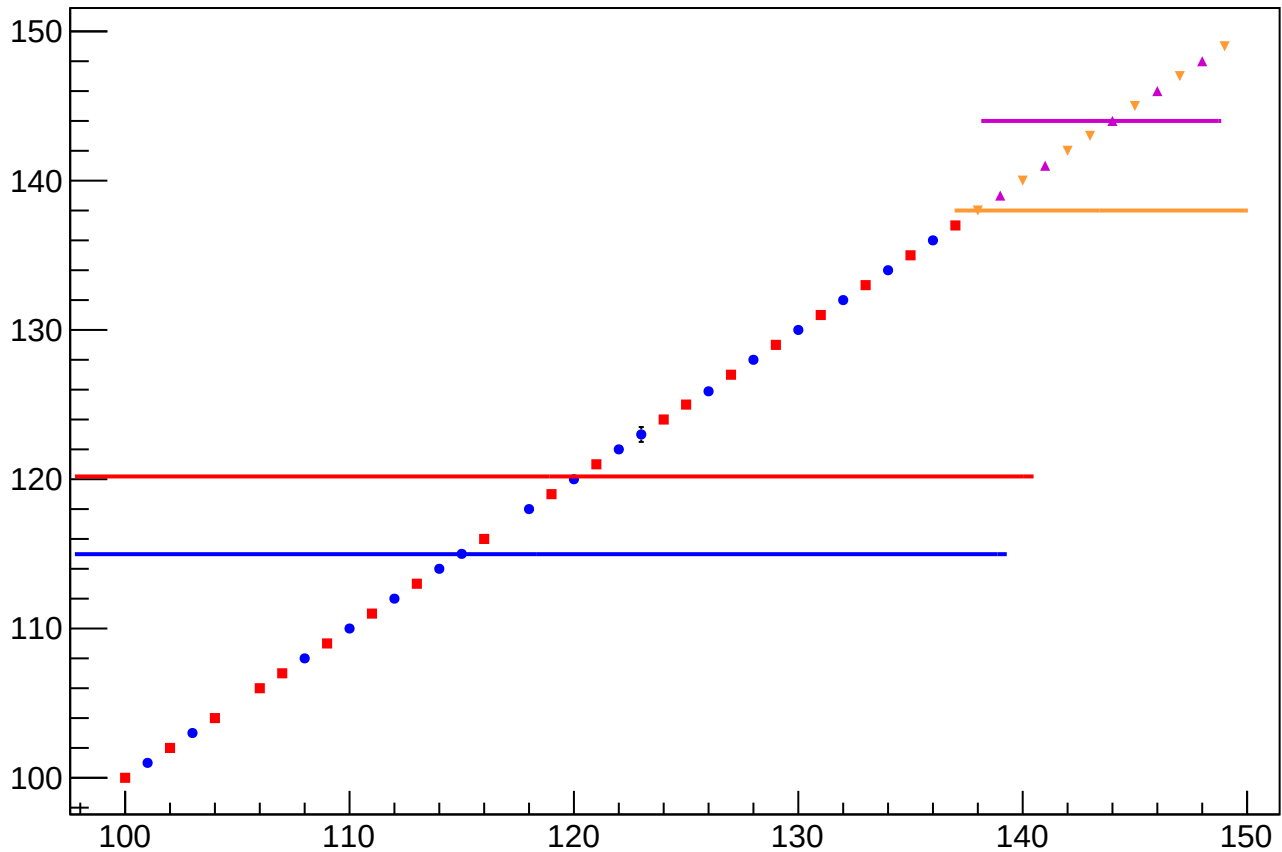
Left In: 6800.628 ± 0.382 $\chi^2/\text{NDF}: 55.8/4$

+ sign 6038.095 ± 0.157 $\chi^2/\text{NDF}: 10154635.2/21$

All: 5999.156 ± 0.101 $\chi^2/\text{NDF}: 15763652.5/4$

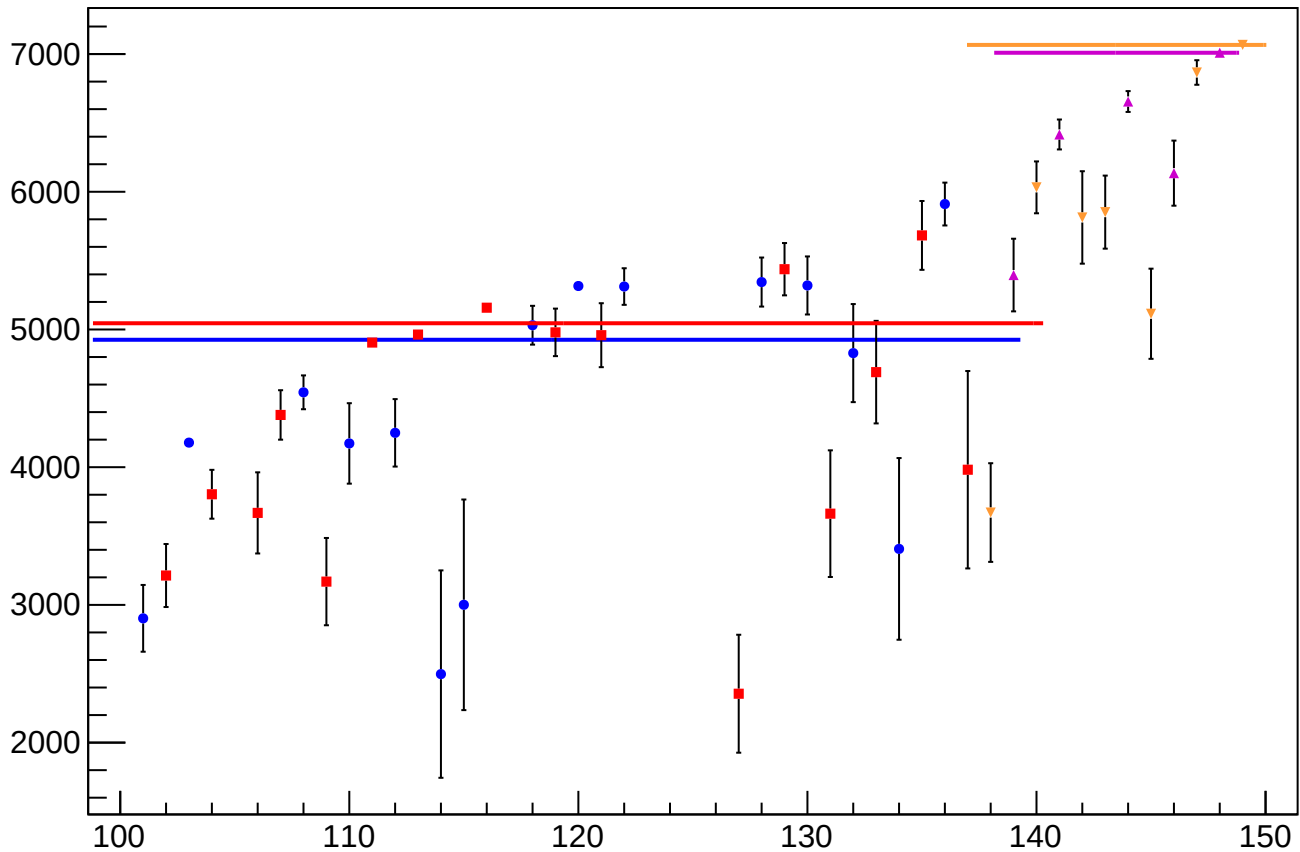
- sign 5971.897 ± 0.131 $\chi^2/\text{NDF}: 5504050.7/20$

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 : 23267.0/6
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 144.000+/-0.000 χ^2/NDF : 4466.0/4

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.448+/-1.478 χ^2/NDF :195.6/6

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

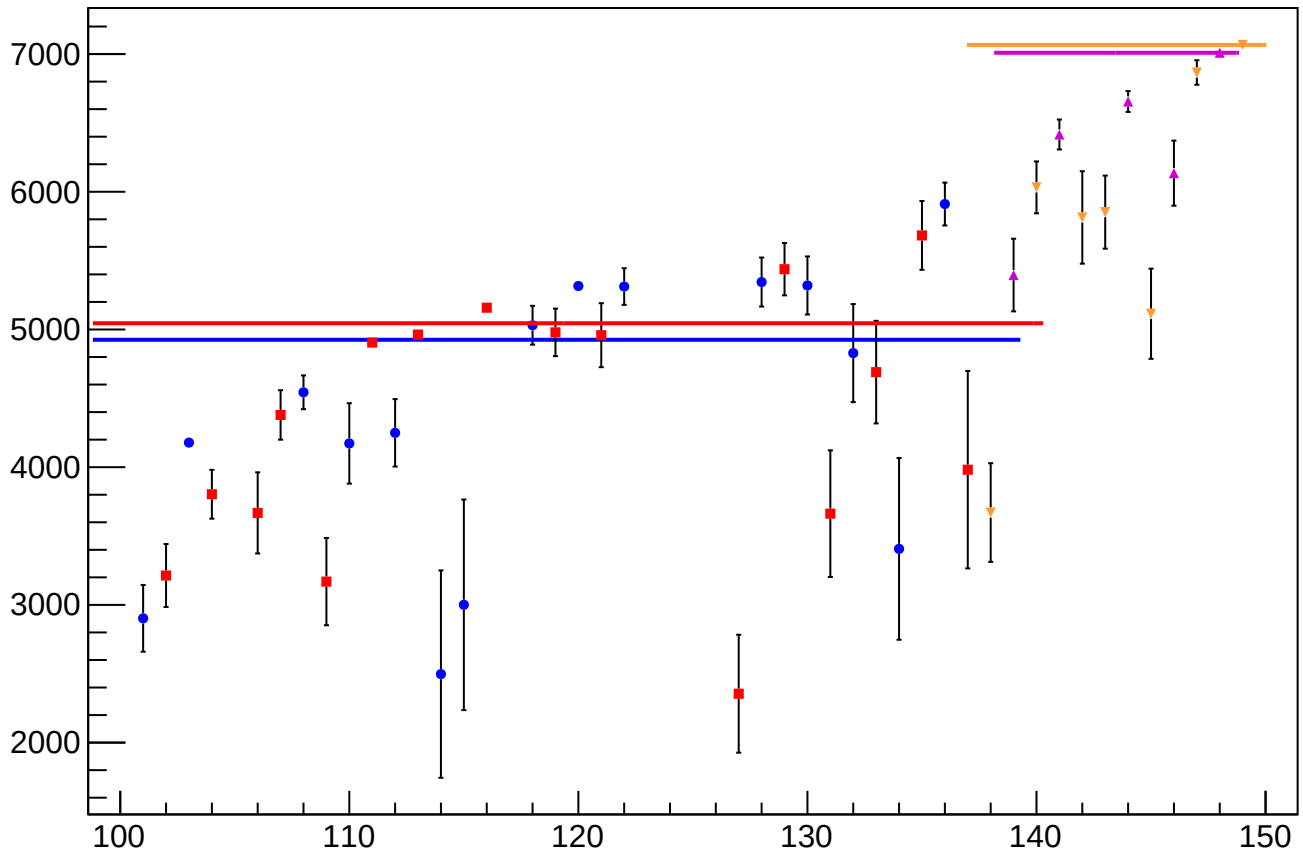
Left In: 7009.459+/-1.764 χ^2/NDF :102.9/4

+ sign 5540.905+/-0.792 χ^2/NDF : 1827052.0/21

All: 5387.087+/-0.491 χ^2/NDF : 3003120.9/42

- sign 5291.515+/-0.625 χ^2/NDF : 1114966.9/20

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.448 ± 1.478 χ^2/NDF : 195.6/6

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

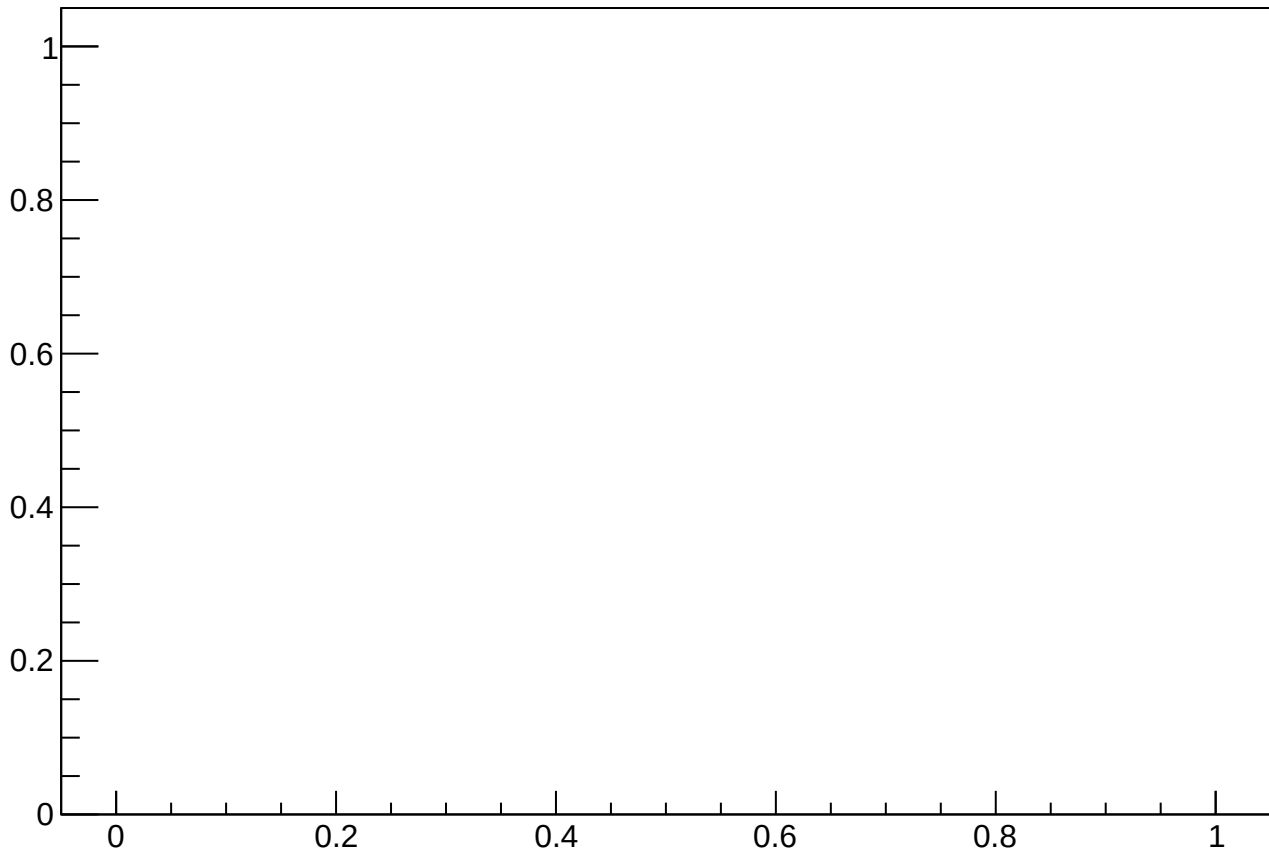
Left In: 7009.459 ± 1.764 χ^2/NDF : 102.9/4

+ sign 5540.905 ± 0.792 χ^2/NDF : 1827052.0/21

All: 5387.087 ± 0.491 χ^2/NDF : 3003120.9/42

- sign 5291.515 ± 0.625 χ^2/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+/-0.000 χ^2/NDF : 0.0/0

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

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

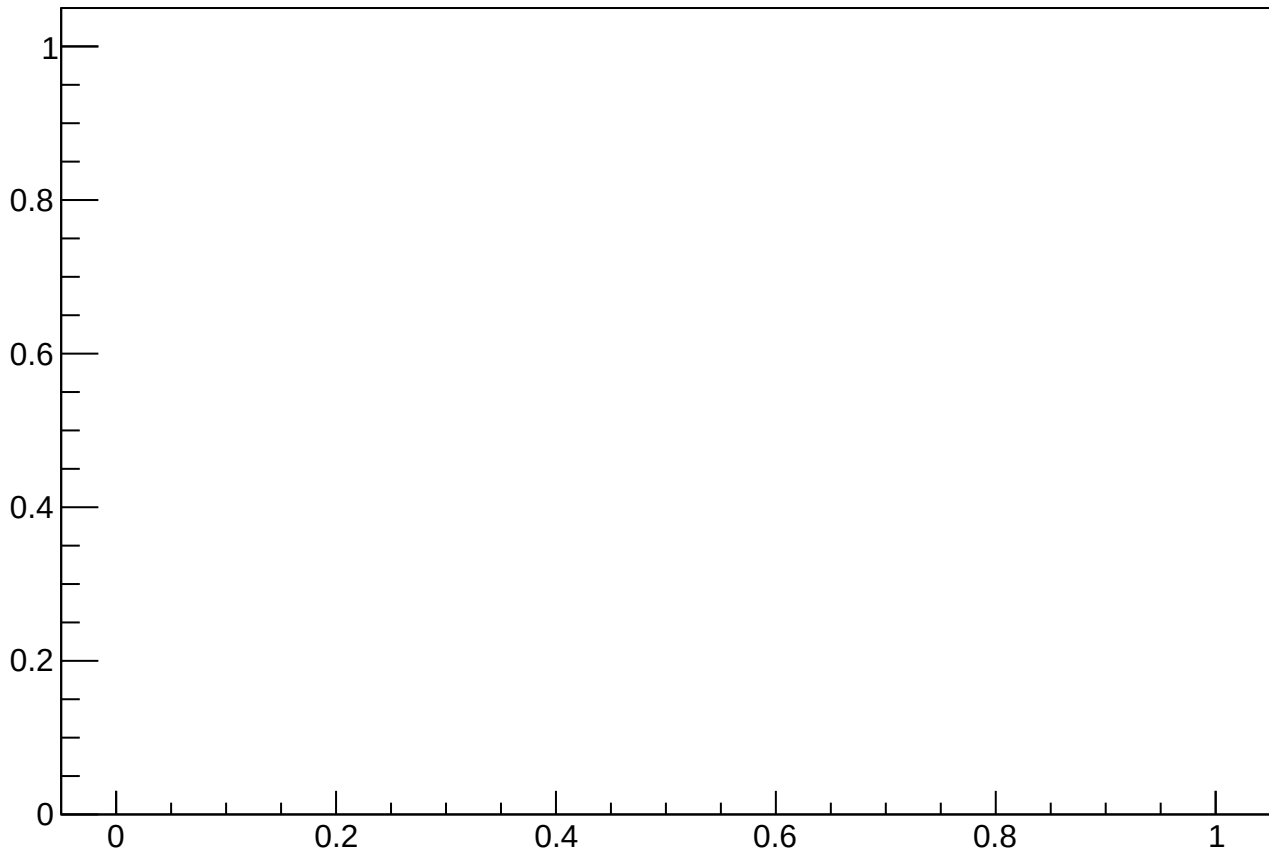
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug



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

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

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

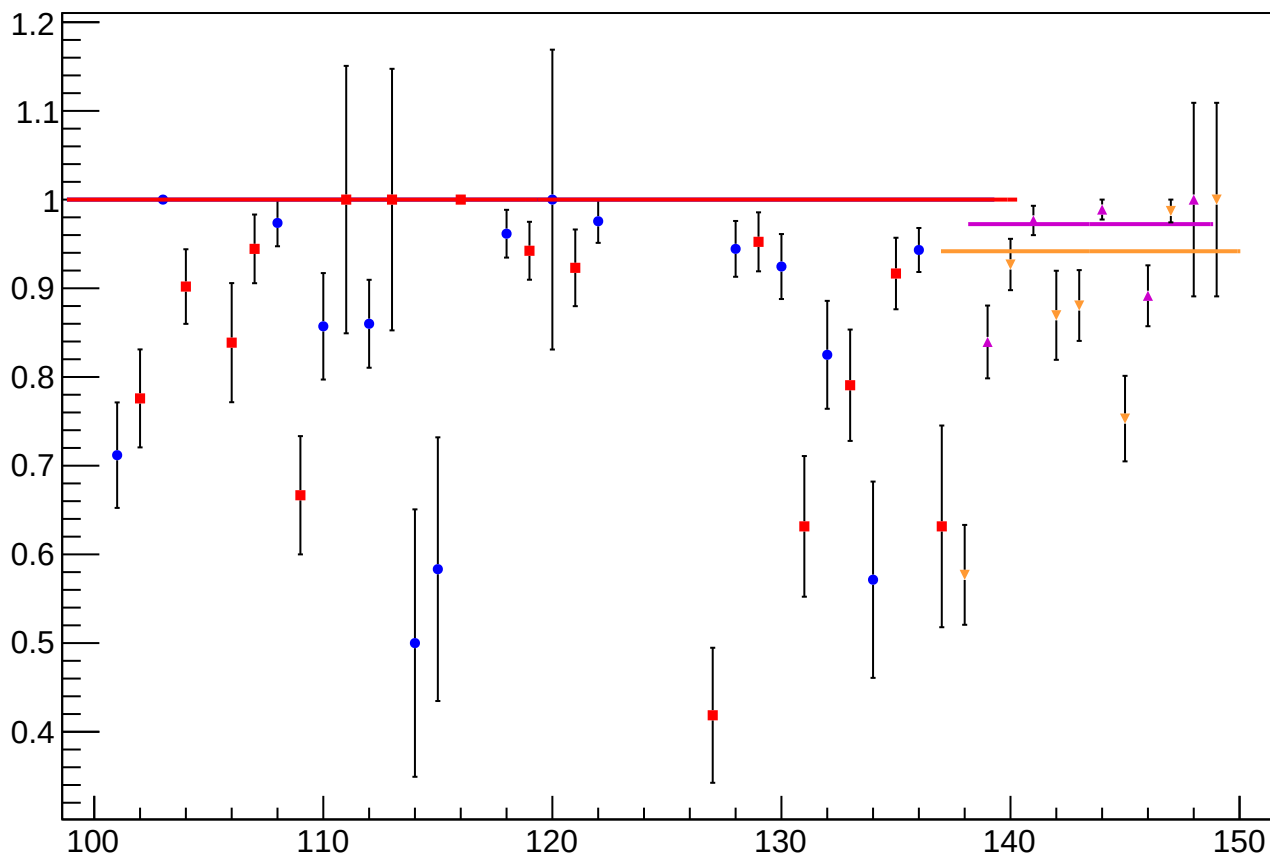
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.942 ± 0.010 χ^2/NDF : 74.8/6

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

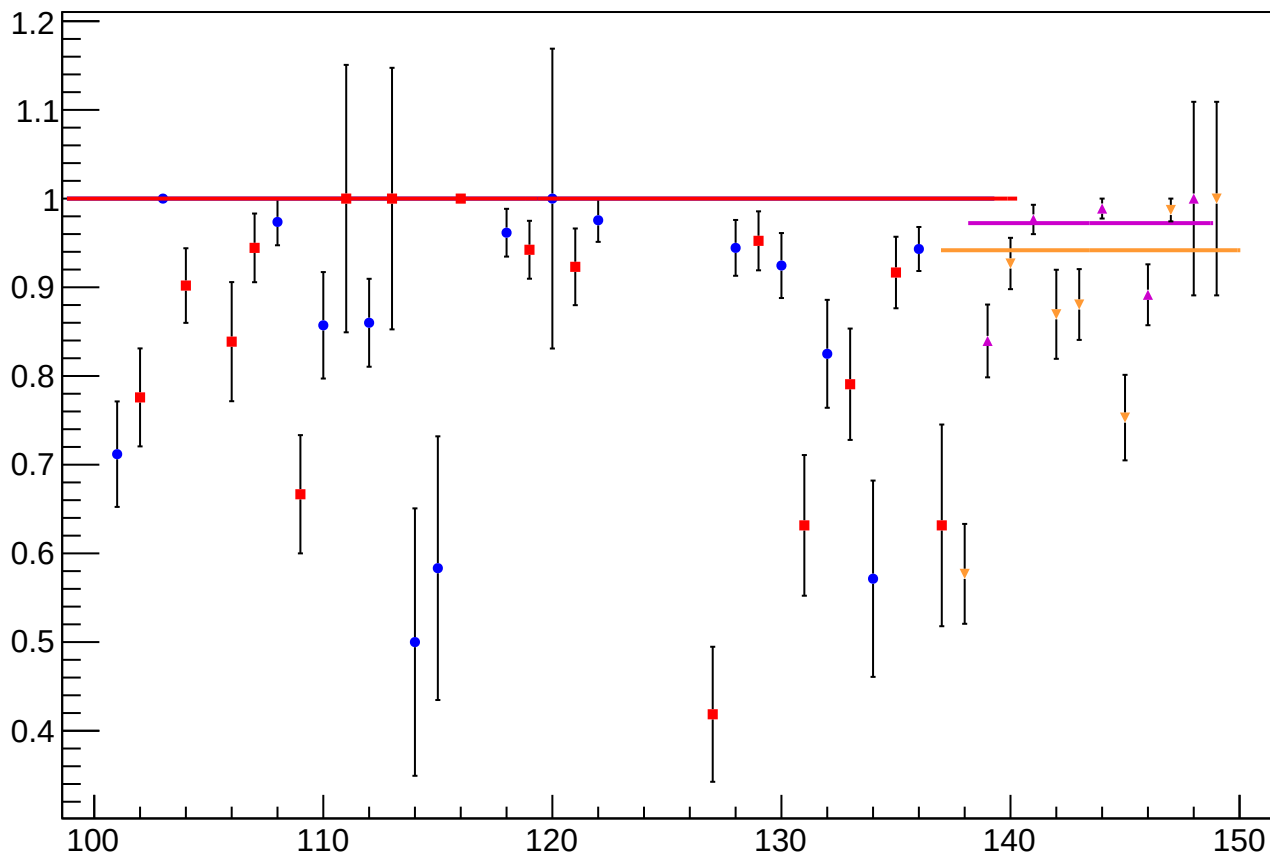
Left In: 0.972 ± 0.009 χ^2/NDF : 18.3/4

+ sign 1.000 ± 0.000 χ^2/NDF : 201.7/21

All: 1.000 ± 0.000 χ^2/NDF : 481.8/42

- sign 1.000 ± 0.000 χ^2/NDF : 197.2/20

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.942 ± 0.010 χ^2/NDF : 74.8/6

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

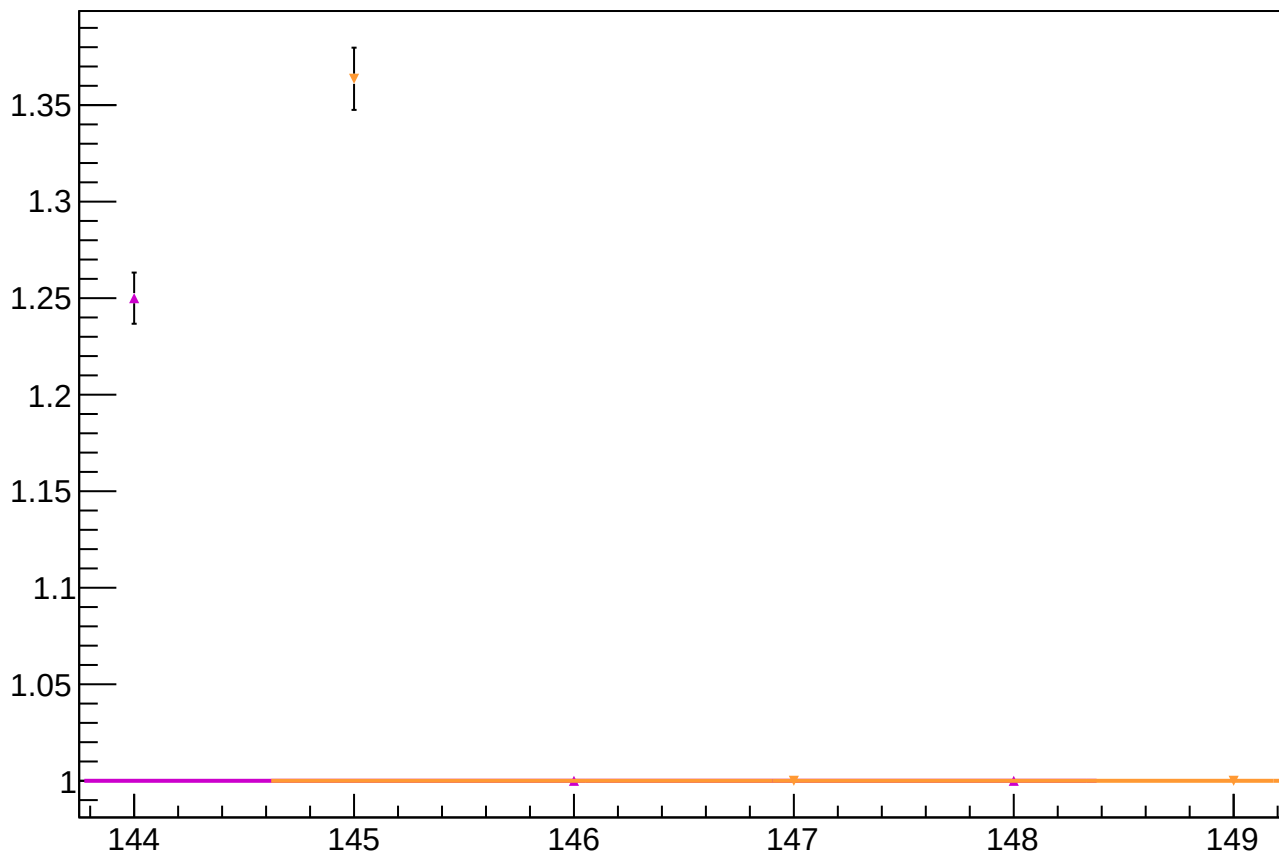
Left In: 0.972 ± 0.009 χ^2/NDF : 18.3/4

+ sign 1.000 ± 0.000 χ^2/NDF : 201.7/21

All: 1.000 ± 0.000 χ^2/NDF : 481.8/42

- sign 1.000 ± 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 : 646.0/2

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

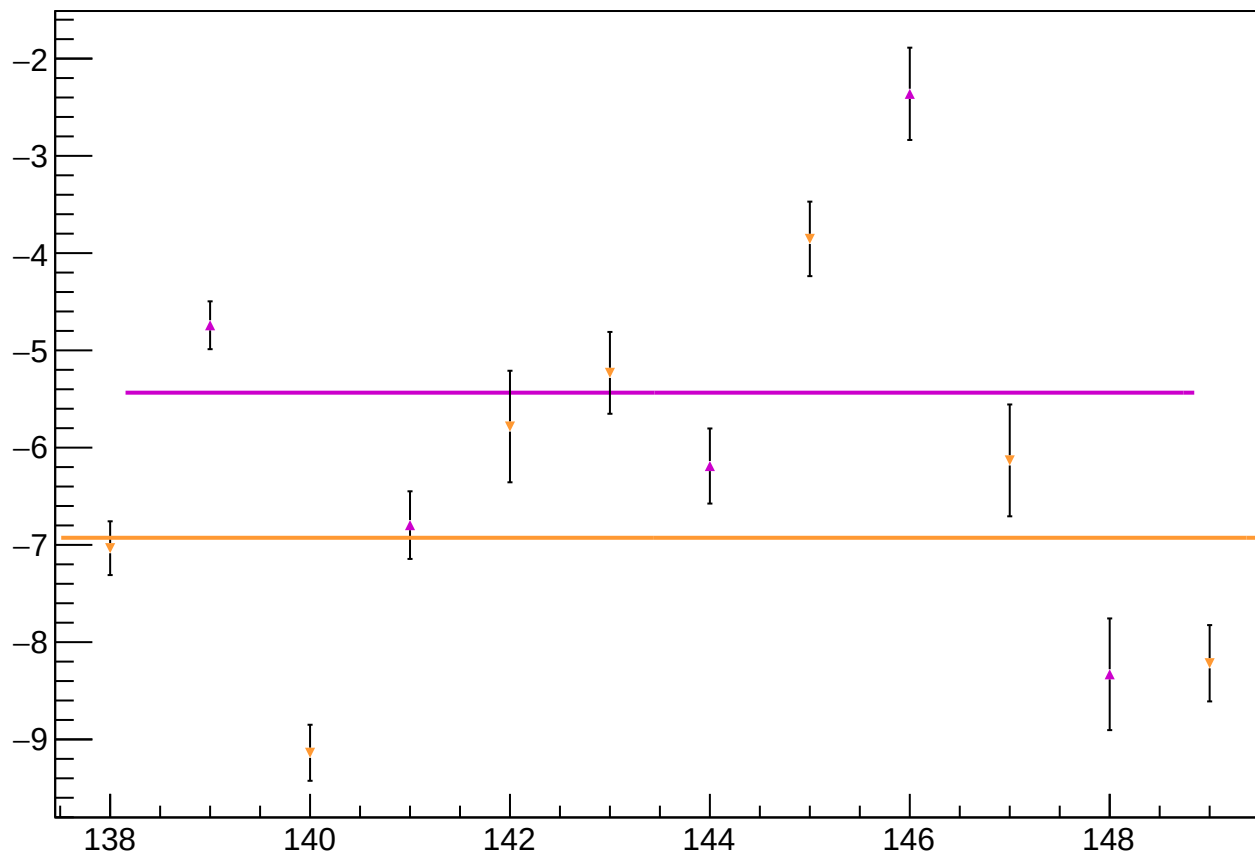
Left In: 1.000+/-0.000 χ^2/NDF : 2012.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 3849.1/5

- 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: -6.927+/-0.141 χ^2/NDF :156.3/6

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

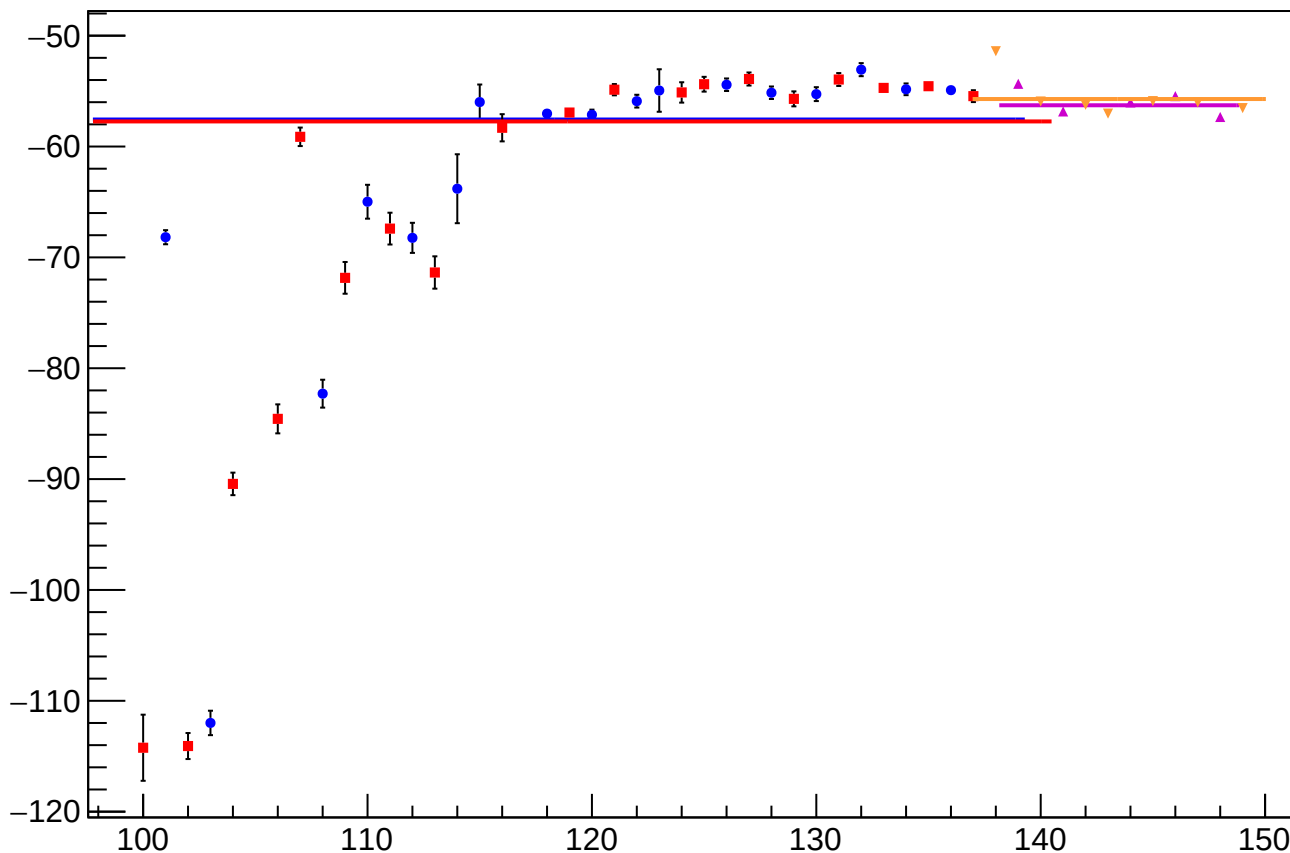
Left In: -5.435+/-0.160 χ^2/NDF :94.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.274+/-0.106 χ^2/NDF : 299.6/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.715 ± 0.109 χ^2/NDF : 213.8/6

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

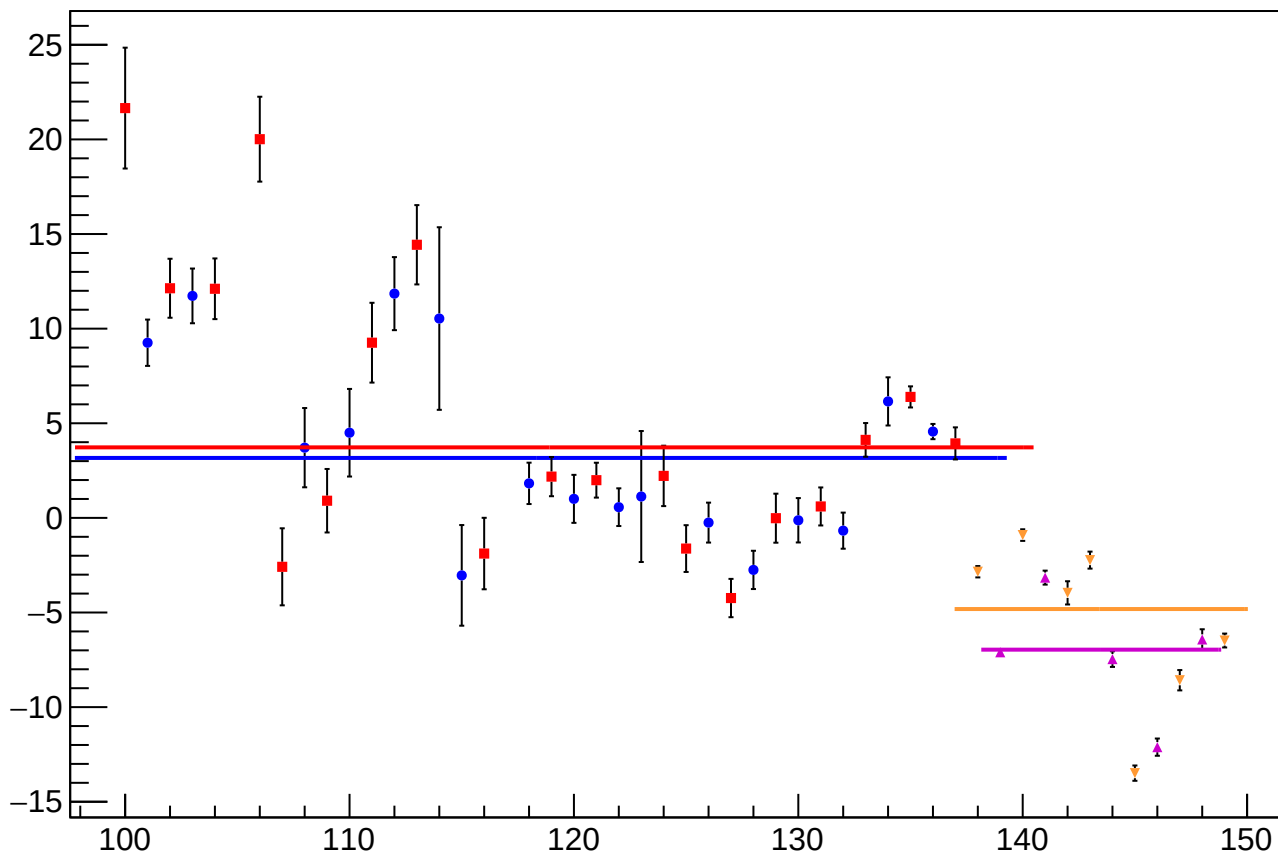
Left In: -56.278 ± 0.133 χ^2/NDF : 45.5/4

+ sign -56.404 ± 0.086 χ^2/NDF : 3776.8/23

All: -56.646 ± 0.065 χ^2/NDF : 8594.4/47

- sign -56.954 ± 0.097 χ^2/NDF : 4799.7/23

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 $\chi^2/\text{NDF}: 186.2/16$

Left Out: -4.817 ± 0.147 $\chi^2/\text{NDF}: 769.7/6$

Right Out: 3.726 ± 0.267 $\chi^2/\text{NDF}: 323.3/18$

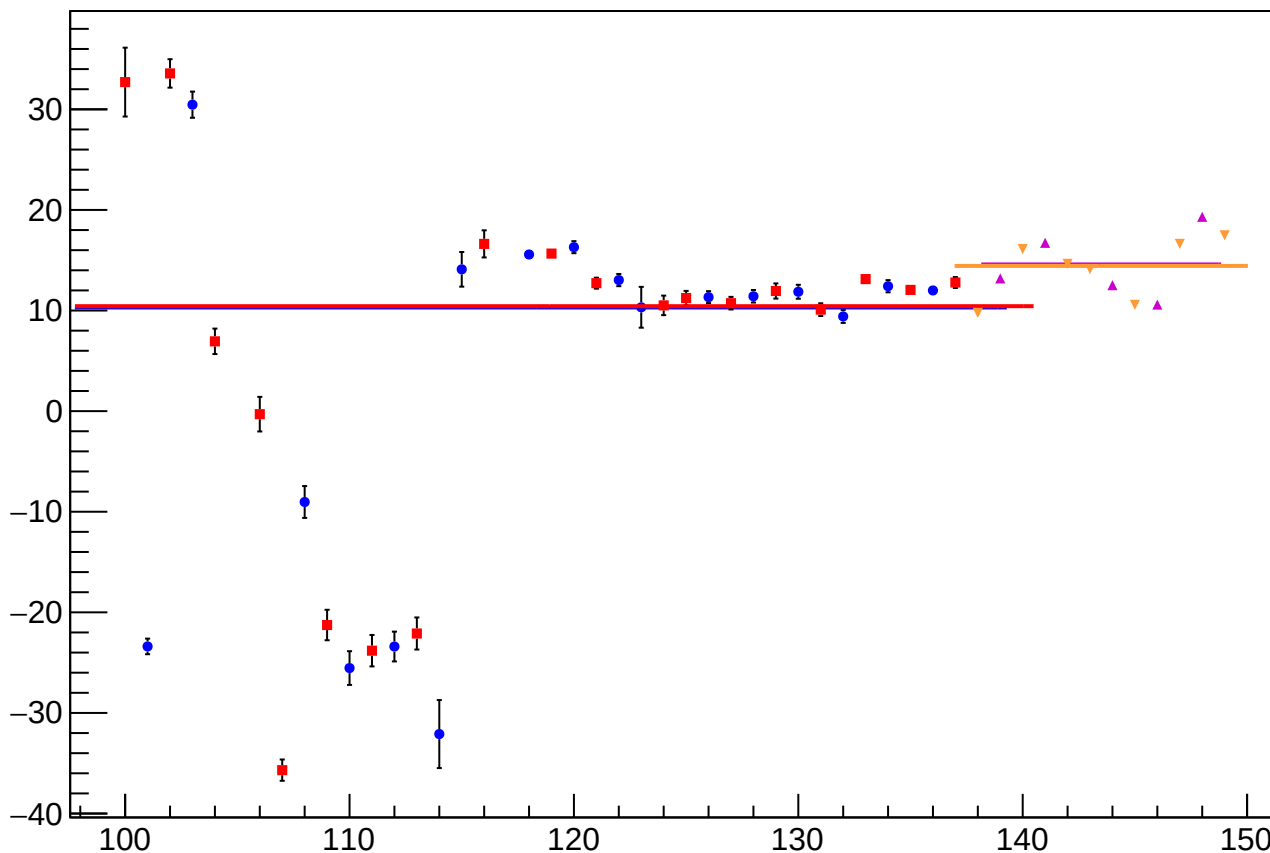
Left In: -6.963 ± 0.168 $\chi^2/\text{NDF}: 236.5/4$

+ sign -2.858 ± 0.128 $\chi^2/\text{NDF}: 1680.3/23$

All: -3.342 ± 0.095 $\chi^2/\text{NDF}: 3421.0/47$

- sign -3.941 ± 0.142 $\chi^2/\text{NDF}: 1708.5/23$

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 14.437 $\pm$ 0.131 χ^2 /NDF: 453.3/6

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

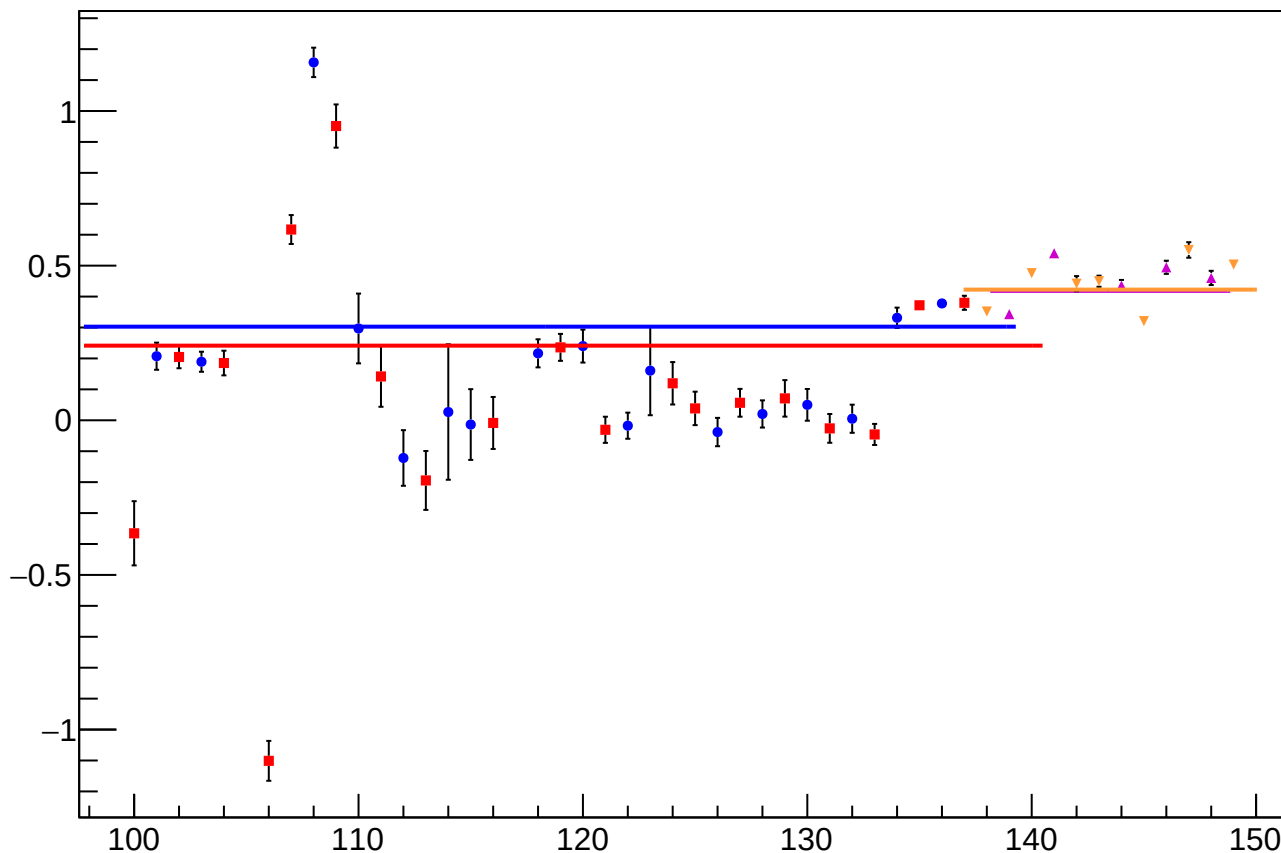
Left In: 14.582 $\pm$ 0.160 χ^2 /NDF: 356.3/4

+ sign 12.741 $\pm$ 0.100 χ^2 /NDF: 4574.8/23

All: 12.639 $\pm$ 0.075 χ^2 /NDF: 9099.0/47

- sign 12.510 $\pm$ 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: 0.423 $\pm$ 0.006 χ^2 /NDF:150.1/6

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

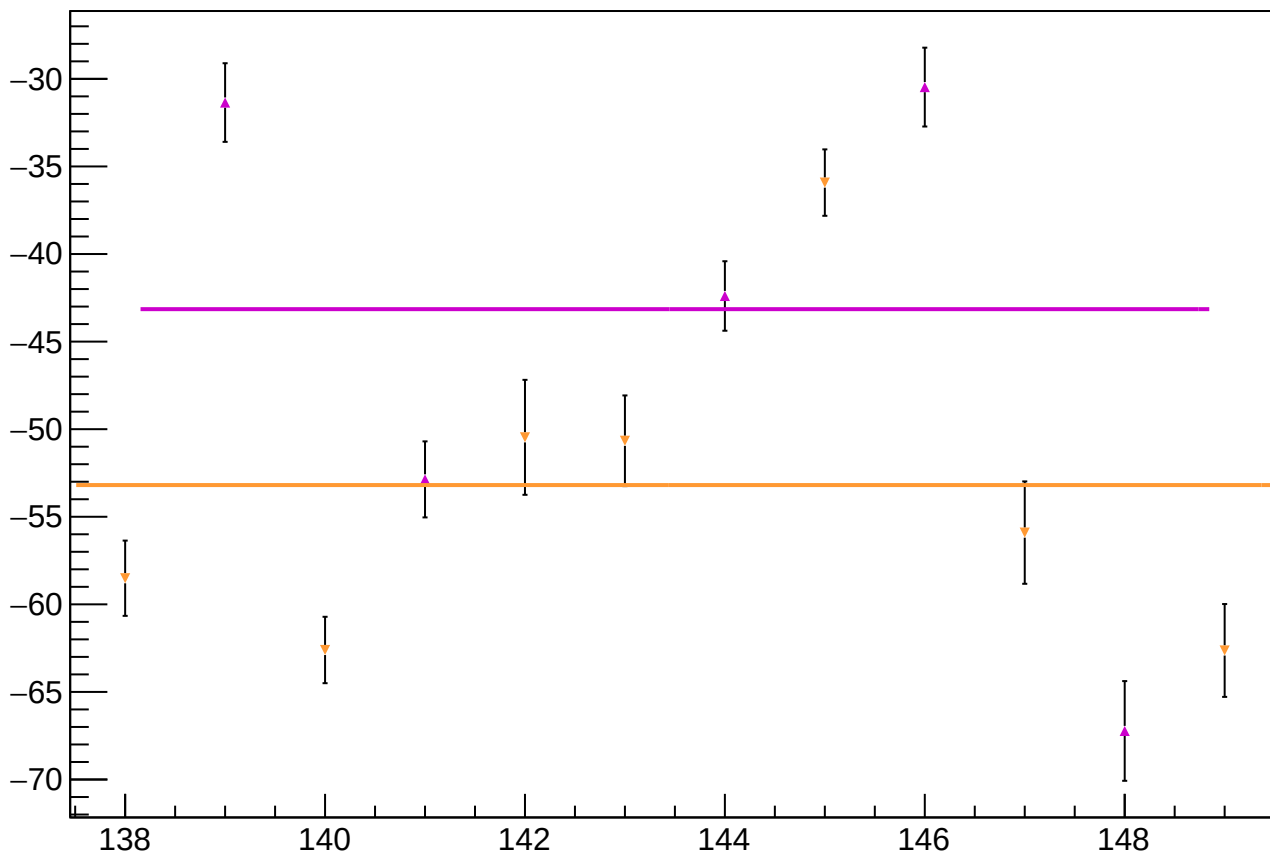
Left In: 0.418 $\pm$ 0.007 χ^2 /NDF:148.1/4

+ sign 0.380 $\pm$ 0.005 χ^2 /NDF: 935.3/23

All: 0.367 $\pm$ 0.004 χ^2 /NDF: 2357.6/47

- 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: -53.190+/-0.886 χ^2/NDF :129.0/6

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

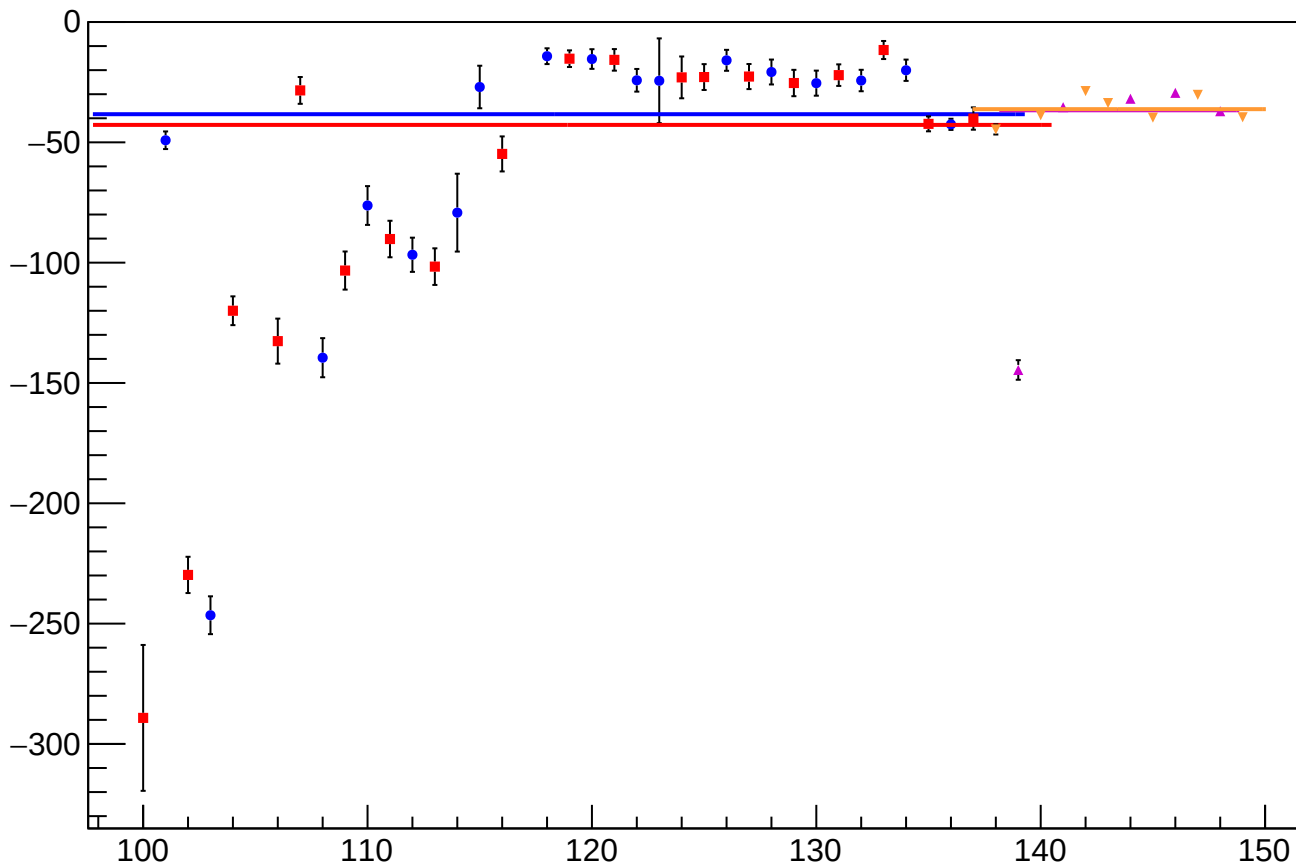
Left In: -43.148+/-1.007 χ^2/NDF :151.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.811+/-0.665 χ^2/NDF : 336.2/11

- 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 χ^2/NDF : 1132.7/16

Left Out: -36.213 ± 0.634 χ^2/NDF : 61.4/6

Right Out: -42.756 ± 1.211 χ^2/NDF : 1341.6/18

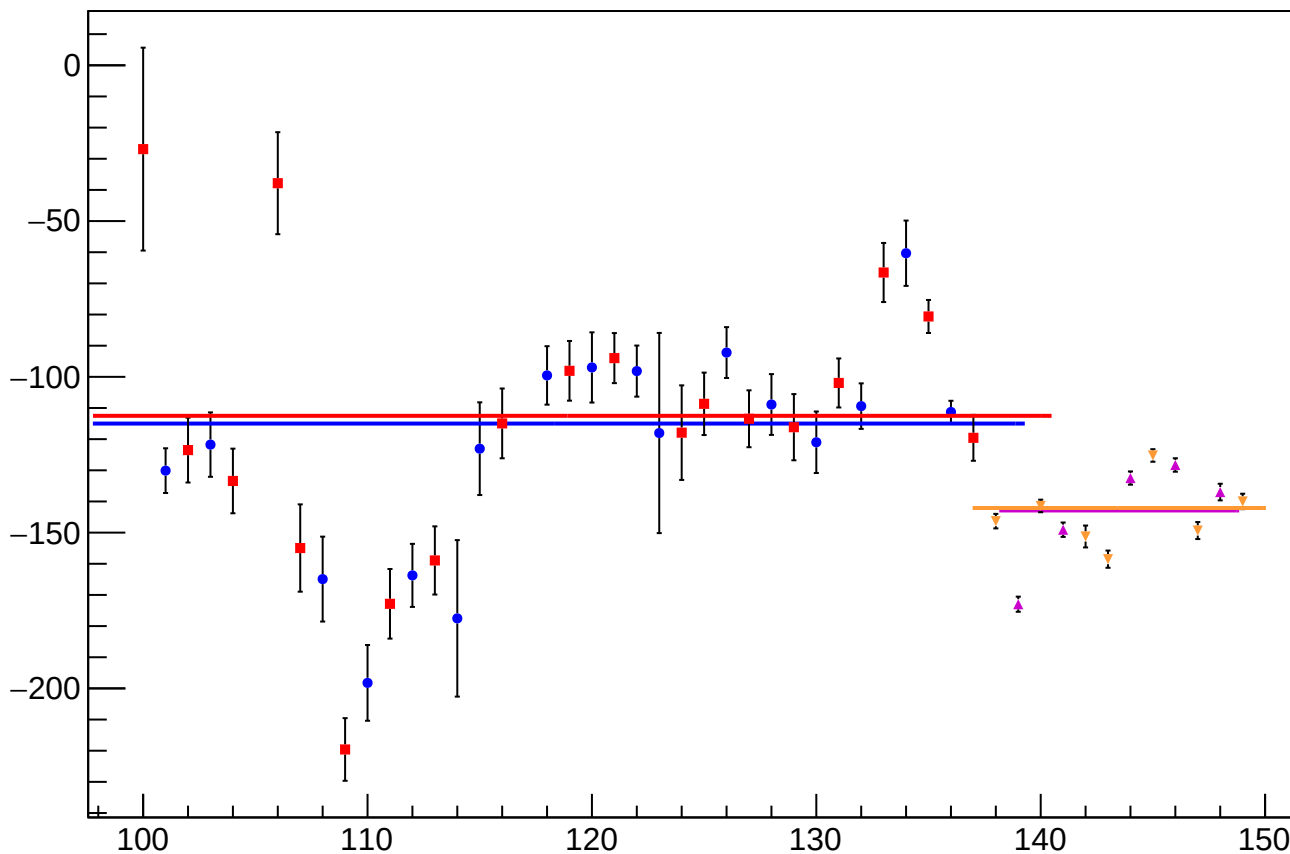
Left In: -36.681 ± 0.705 χ^2/NDF : 742.2/4

+ sign -36.711 ± 0.554 χ^2/NDF : 1196.6/23

All: -37.393 ± 0.410 χ^2/NDF : 3302.6/47

- sign -38.218 ± 0.609 χ^2/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: -142.093 ± 0.919 χ^2/NDF : 123.1/6

Right Out: -112.510 ± 2.207 χ^2/NDF : 273.1/18

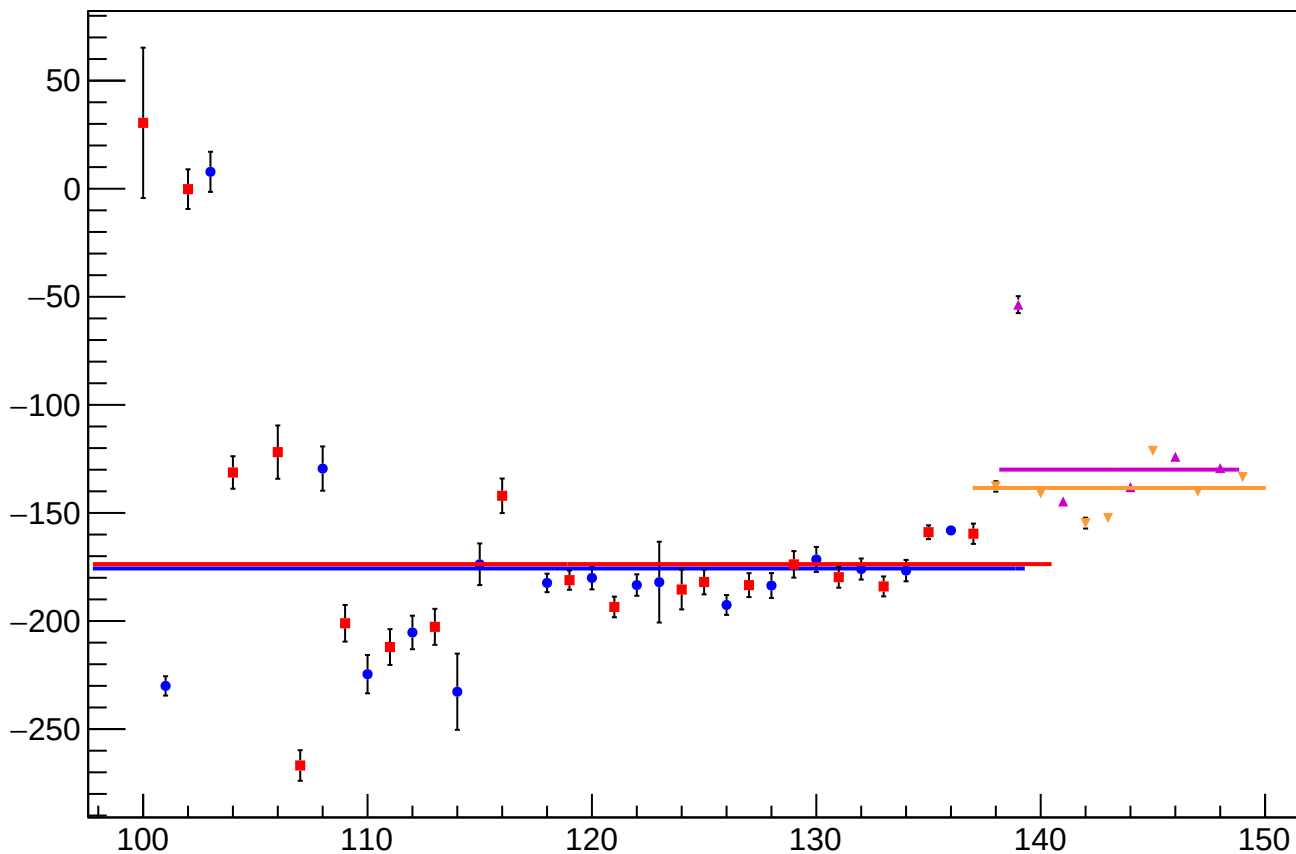
Left In: -142.885 ± 1.035 χ^2/NDF : 235.4/4

+ sign -137.642 ± 0.840 χ^2/NDF : 407.8/23

All: -137.538 ± 0.625 χ^2/NDF : 1071.6/47

- 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: -138.440 ± 0.775 χ^2/NDF : 187.4/6

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

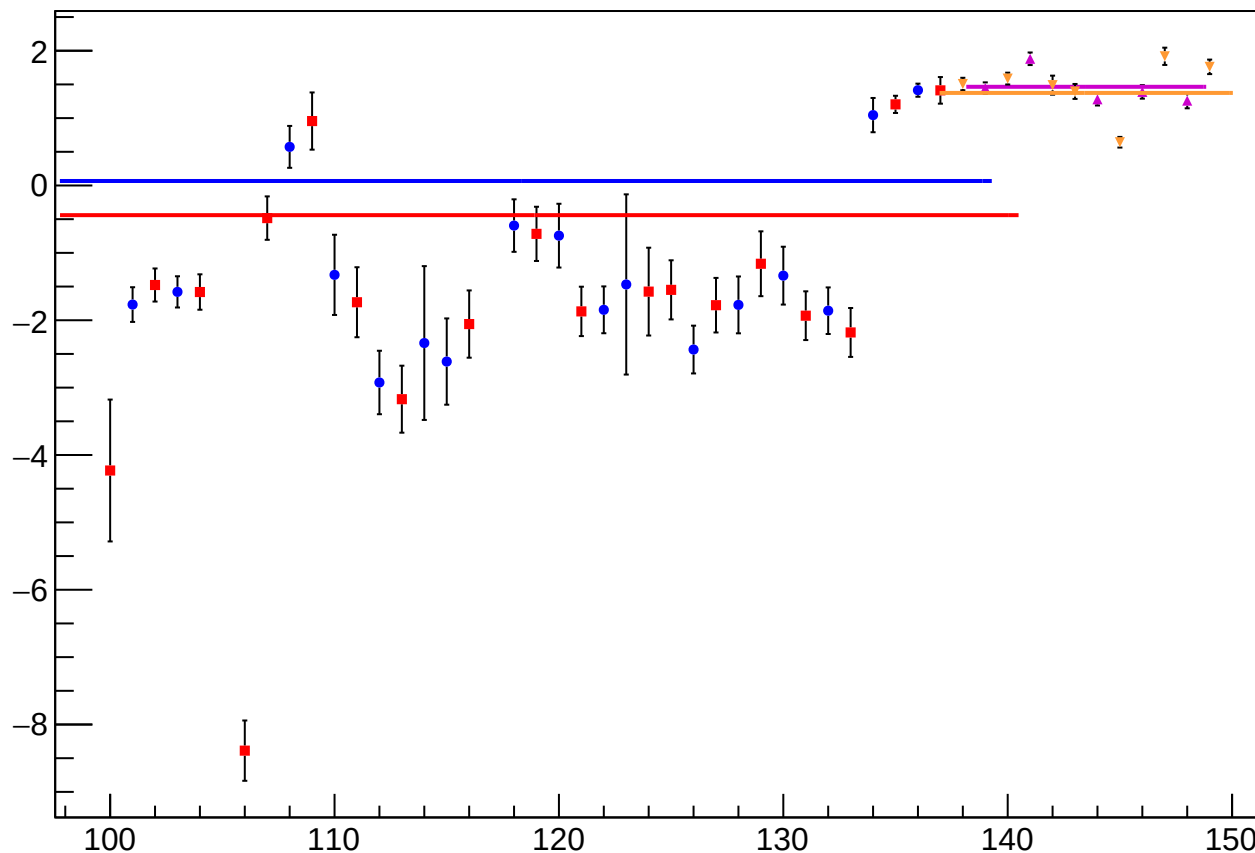
Left In: -129.951 ± 0.876 χ^2/NDF : 476.5/4

+ sign -148.575 ± 0.661 χ^2/NDF : 1509.2/23

All: -146.005 ± 0.492 χ^2/NDF : 3490.7/47

- 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: 1.374 ± 0.038 χ^2/NDF : 125.2/6

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

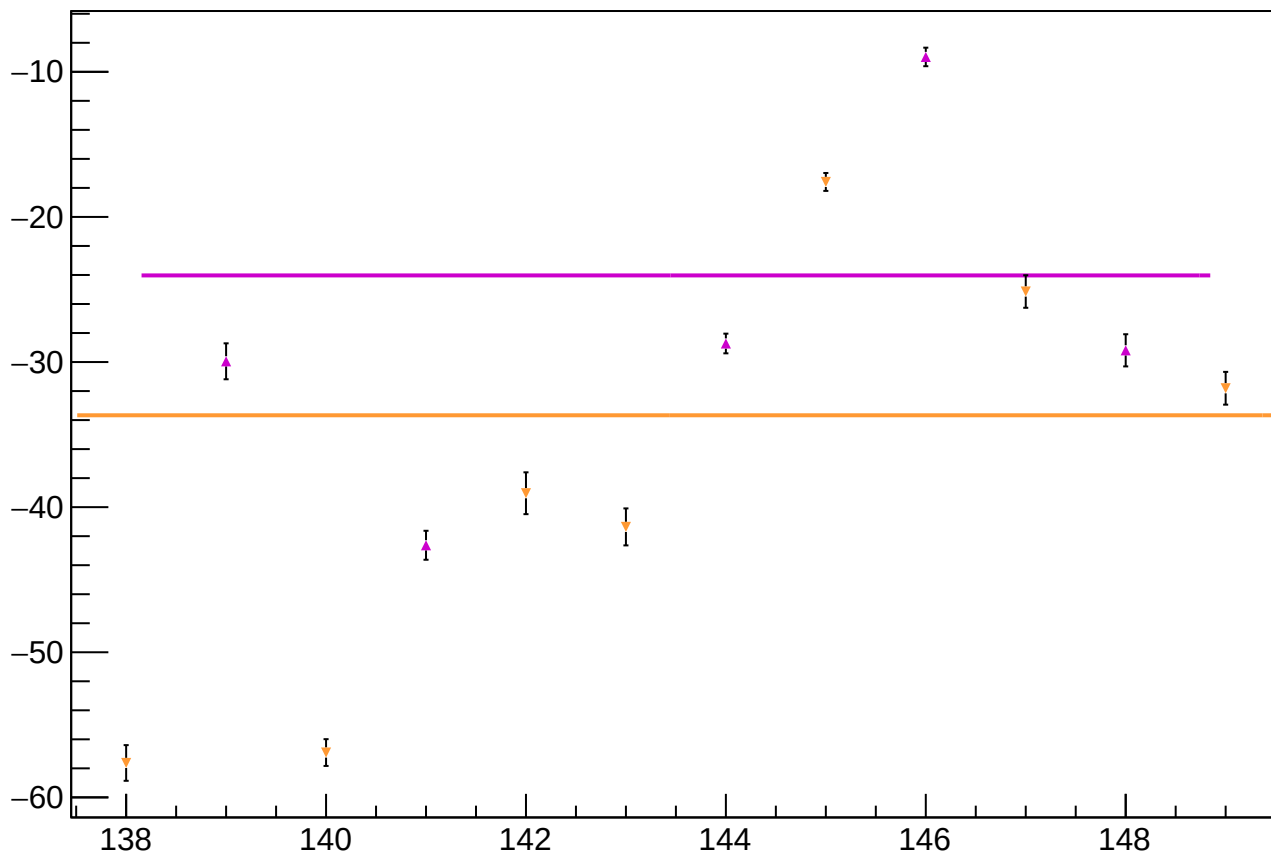
Left In: 1.465 ± 0.043 χ^2/NDF : 27.8/4

+ sign 1.053 ± 0.033 χ^2/NDF : 938.7/23

All: 1.010 ± 0.025 χ^2/NDF : 2251.5/47

- 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: -33.669+/-0.374 χ^2/NDF : 1804.2/6

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

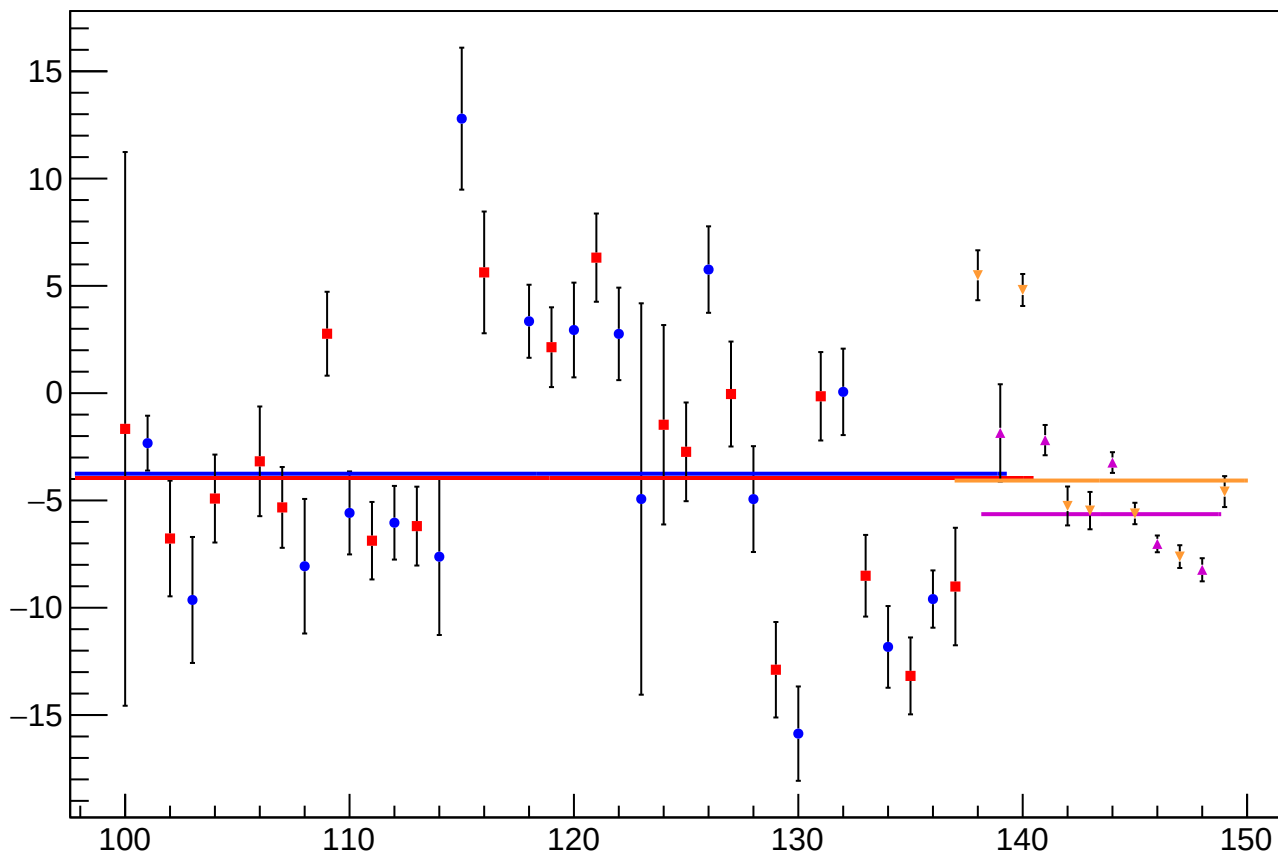
Left In: -24.030+/-0.375 χ^2/NDF : 995.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.864+/-0.265 χ^2/NDF : 3130.2/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -4.072 ± 0.262 χ^2/NDF : 268.4/6

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

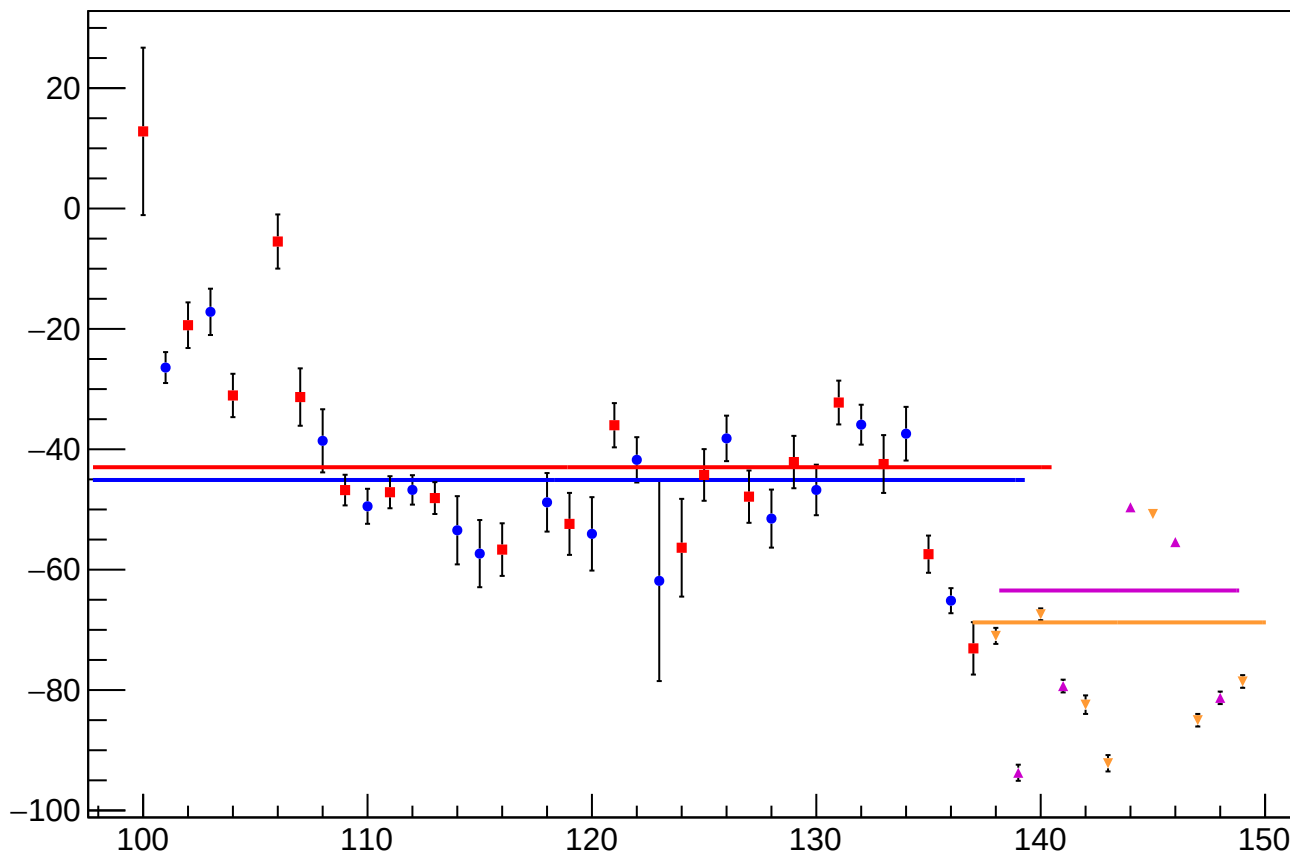
Left In: -5.639 ± 0.246 χ^2/NDF : 87.2/4

+ sign -4.003 ± 0.232 χ^2/NDF : 434.0/23

All: -4.689 ± 0.160 χ^2/NDF : 670.4/47

- sign -5.318 ± 0.221 χ^2/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: -68.761 ± 0.386 χ^2/NDF : 1462.4/6

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

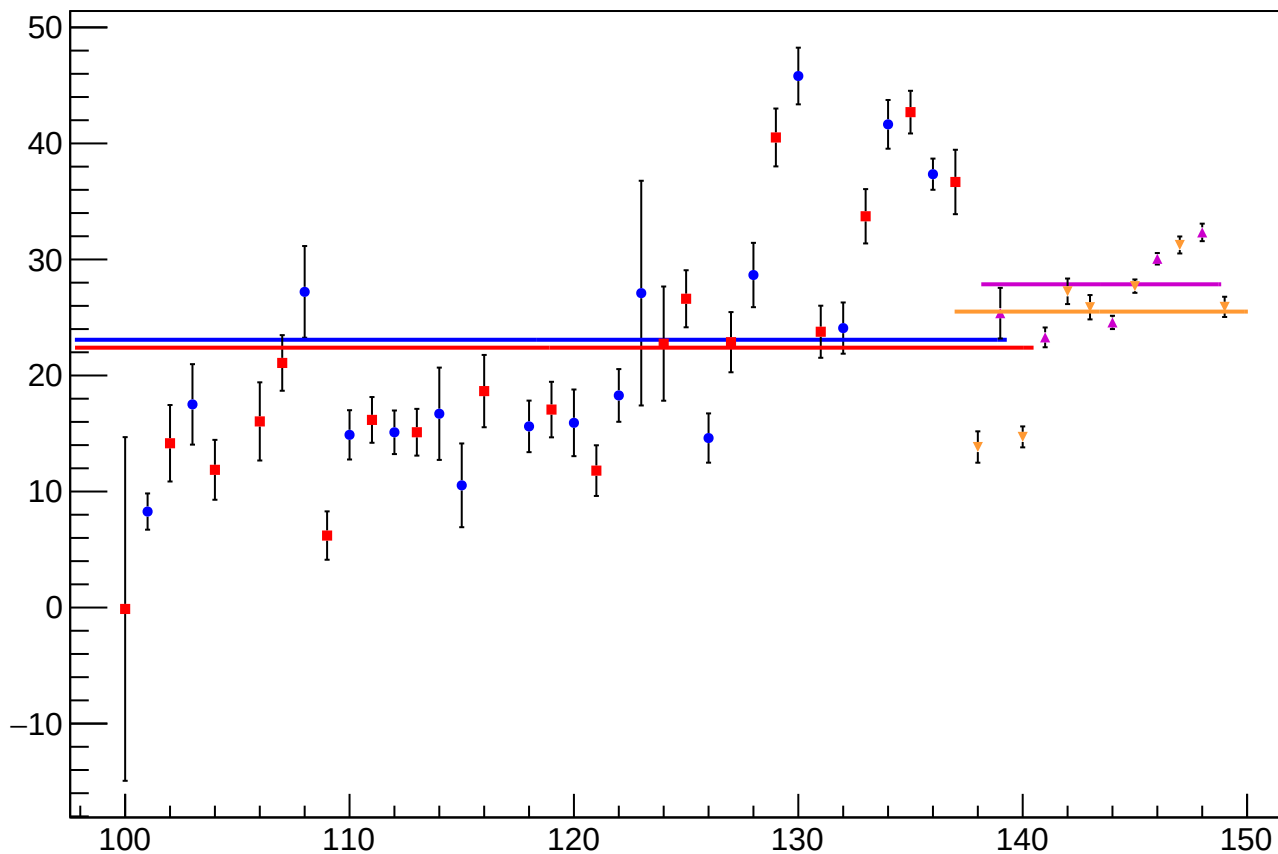
Left In: -63.461 ± 0.380 χ^2/NDF : 1564.0/4

+ sign -64.944 ± 0.354 χ^2/NDF : 2297.4/23

All: -62.550 ± 0.248 χ^2/NDF : 4659.3/47

- 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: 25.507 $\pm$ 0.321 χ^2 /NDF:296.5/6

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

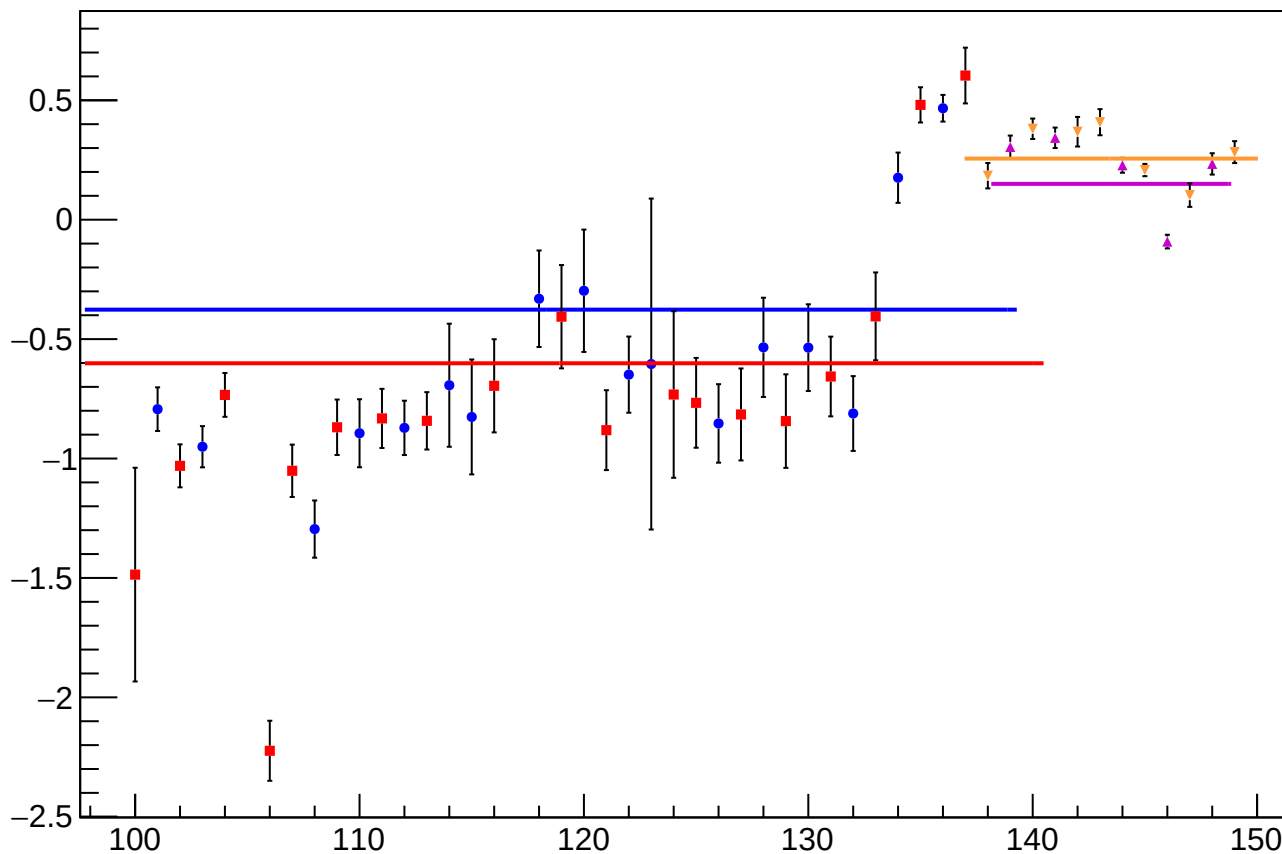
Left In: 27.859 $\pm$ 0.309 χ^2 /NDF:117.9/4

+ sign 24.900 $\pm$ 0.278 χ^2 /NDF: 772.0/23

All: 25.783 $\pm$ 0.194 χ^2 /NDF: 1350.4/47

- 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: 0.256 ± 0.016 χ^2/NDF : 34.9/6

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

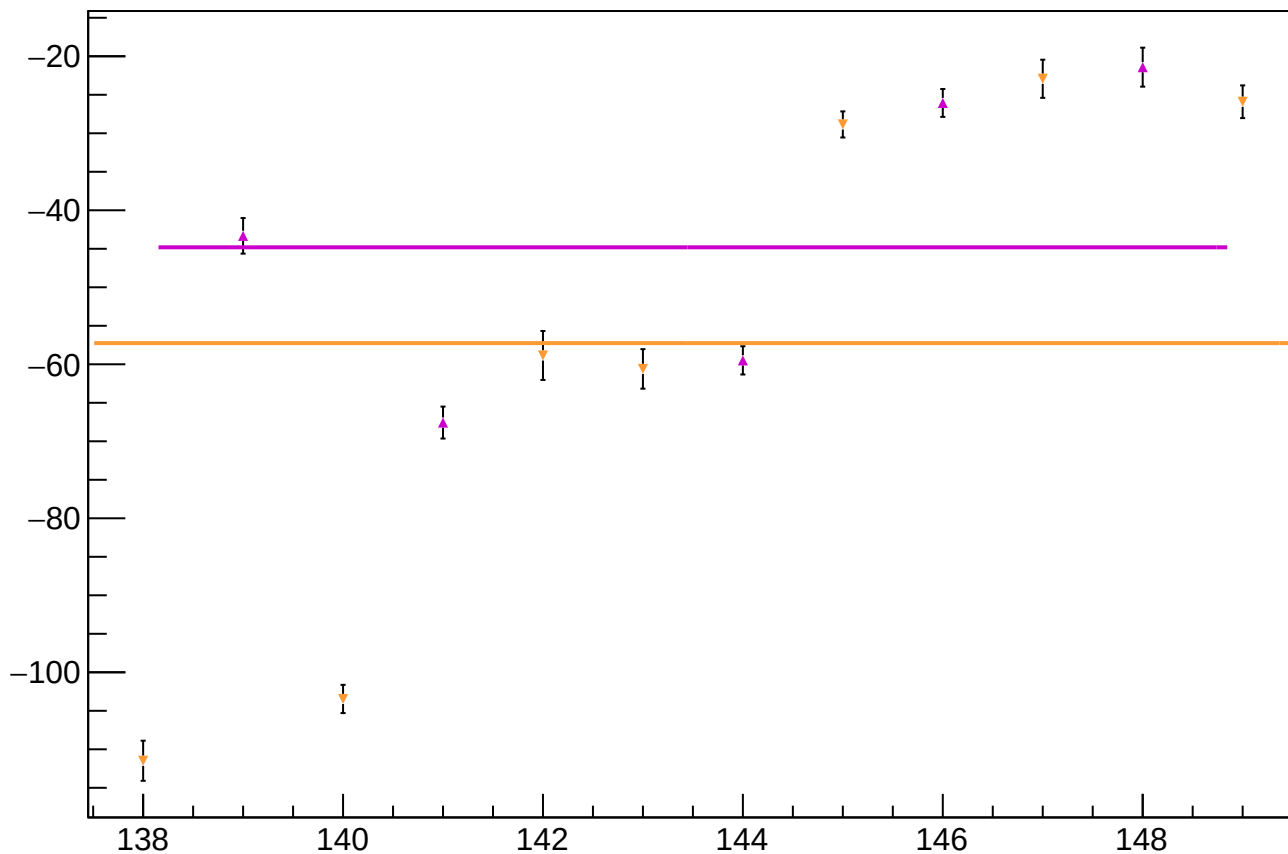
Left In: 0.150 ± 0.016 χ^2/NDF : 111.5/4

+ sign 0.116 ± 0.014 χ^2/NDF : 816.6/23

All: 0.049 ± 0.010 χ^2/NDF : 2008.5/47

- 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: -57.250+/-0.837 χ^2/NDF : 1761.9/6

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

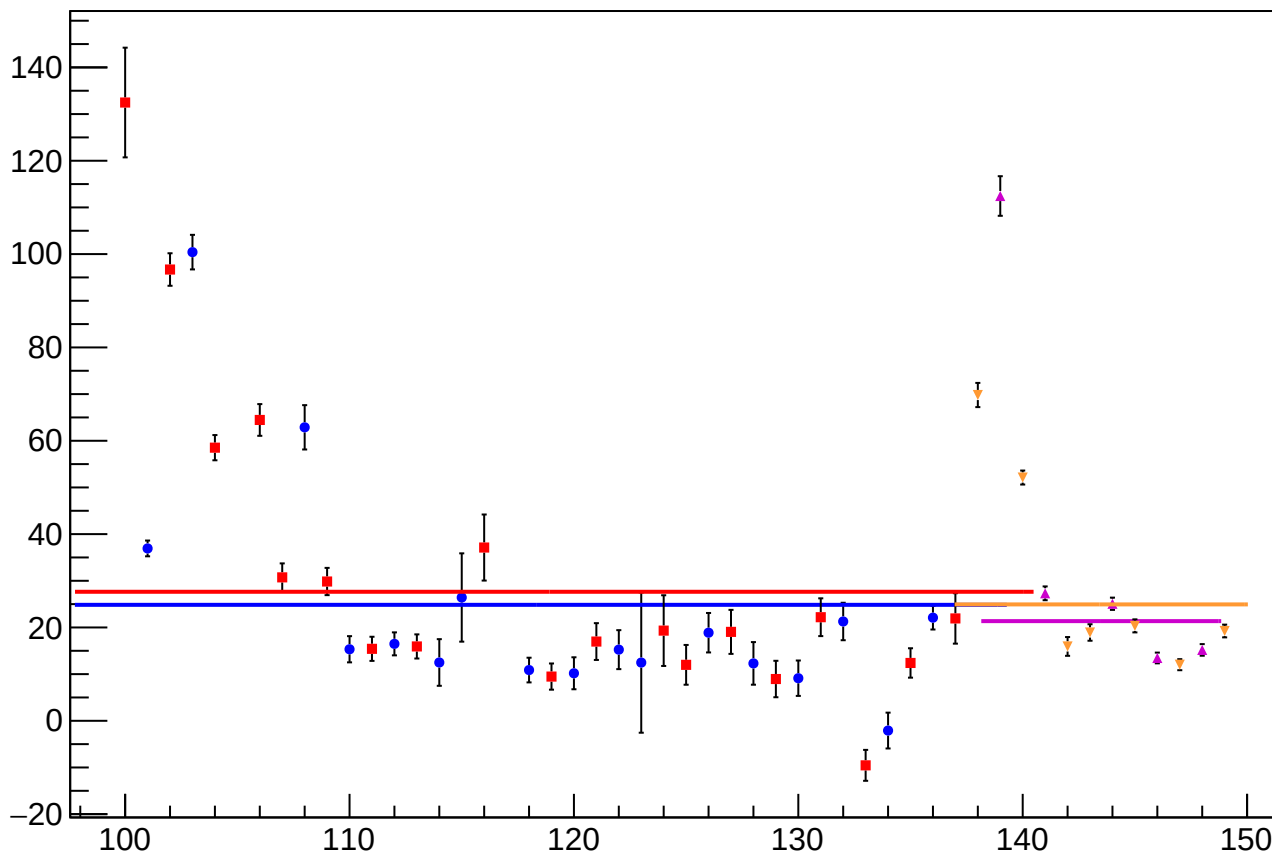
Left In: -44.808+/-0.922 χ^2/NDF : 377.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.628+/-0.619 χ^2/NDF : 2239.3/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 +/- 0.801 χ^2/NDF : 690.8/16

Left Out: 24.939 +/- 0.585 χ^2/NDF : 806.9/6

Right Out: 27.648 +/- 0.810 χ^2/NDF : 1009.2/18

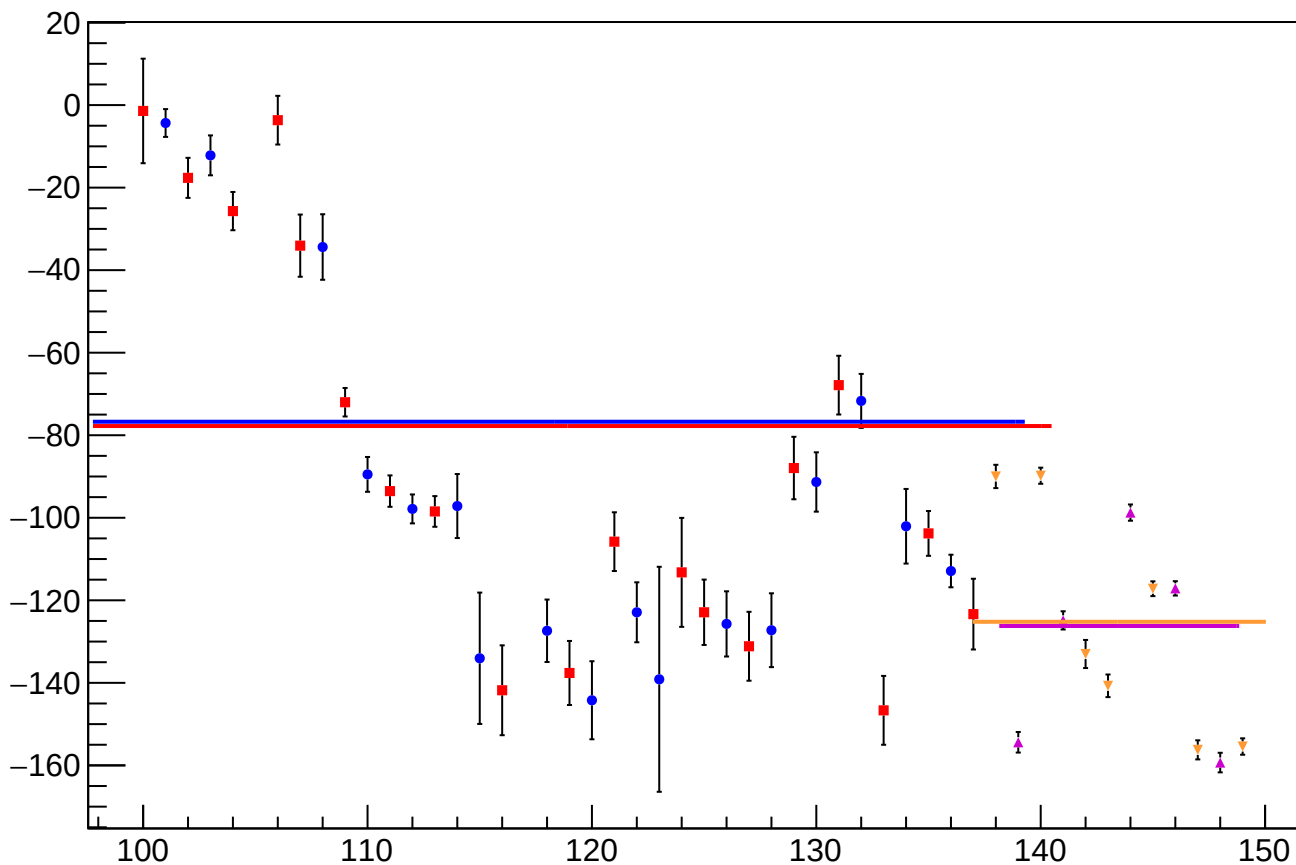
Left In: 21.356 +/- 0.633 χ^2/NDF : 557.0/4

+ sign 24.907 +/- 0.472 χ^2/NDF : 1497.7/23

All: 24.356 +/- 0.343 χ^2/NDF : 3104.2/47

- sign 23.741 +/- 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: -125.203 ± 0.858 χ^2/NDF : 953.1/6

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

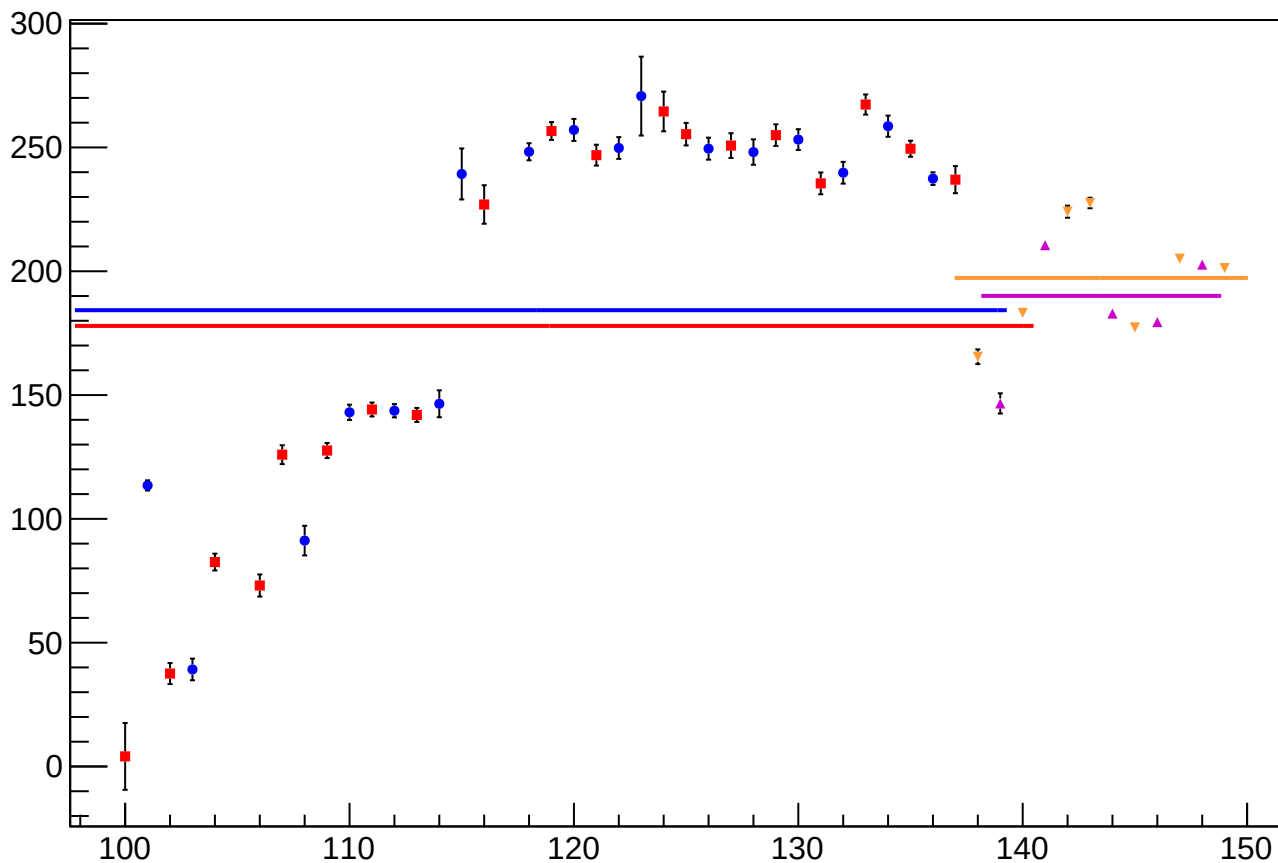
Left In: -126.226 ± 0.940 χ^2/NDF : 545.0/4

+ sign -112.139 ± 0.733 χ^2/NDF : 2855.8/23

All: -111.337 ± 0.531 χ^2/NDF : 5141.0/47

- 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: 197.296 $\pm$ 0.717 χ^2 /NDF: 683.2/6

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

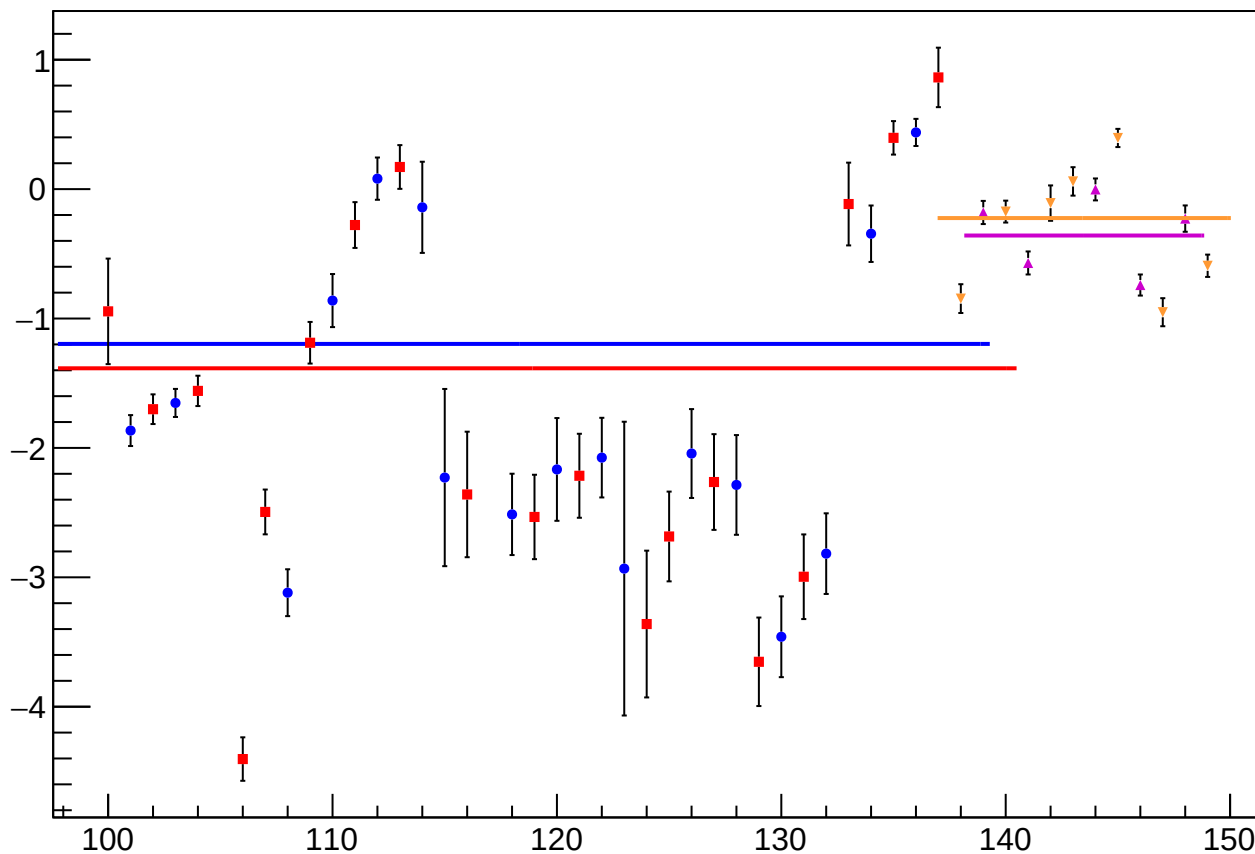
Left In: 190.044 $\pm$ 0.787 χ^2 /NDF: 374.5/4

+ sign 192.331 $\pm$ 0.564 χ^2 /NDF: 6210.0/23

All: 188.862 $\pm$ 0.411 χ^2 /NDF: 13095.5/47

- 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: -0.224 ± 0.036 χ^2/NDF : 179.8/6

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

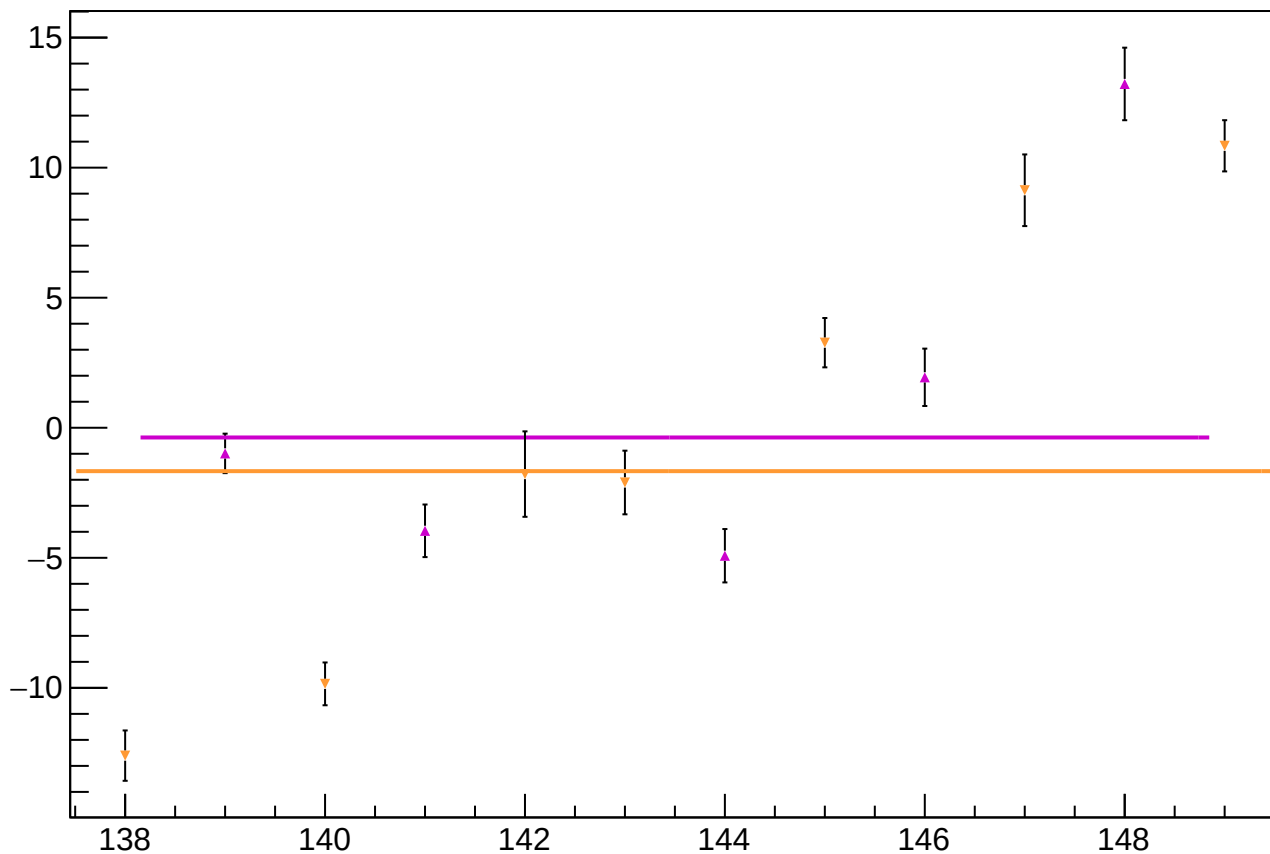
Left In: -0.359 ± 0.040 χ^2/NDF : 51.0/4

+ sign -0.571 ± 0.029 χ^2/NDF : 1065.9/23

All: -0.680 ± 0.021 χ^2/NDF : 2358.6/47

- sign -0.798 ± 0.030 χ^2/NDF : 1262.9/23

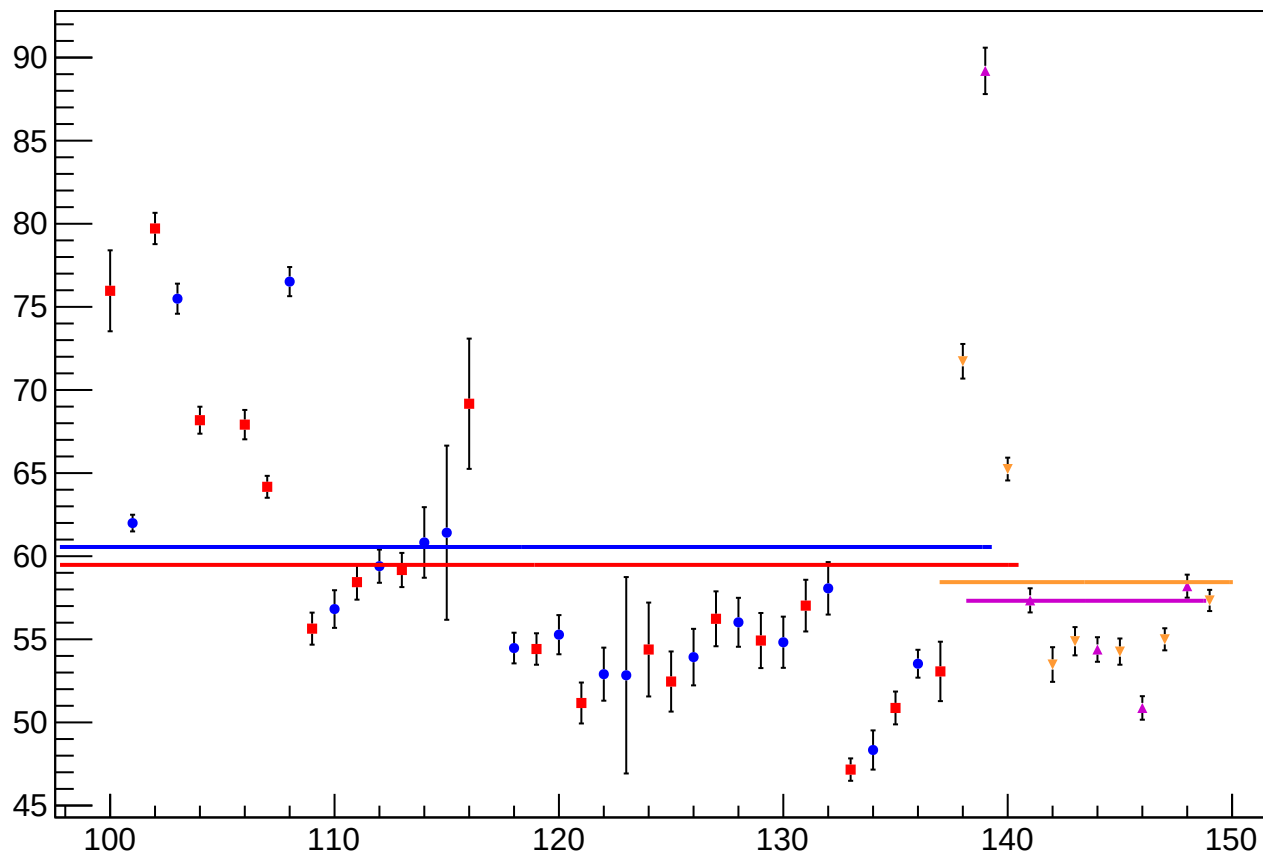
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.668 $\pm$ 0.400 χ^2 /NDF: 476.7/6
 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: -1.093 $\pm$ 0.298 χ^2 /NDF: 613.7/11
 - 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: 58.440 $\pm$ 0.293 χ^2 /NDF: 359.0/6

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

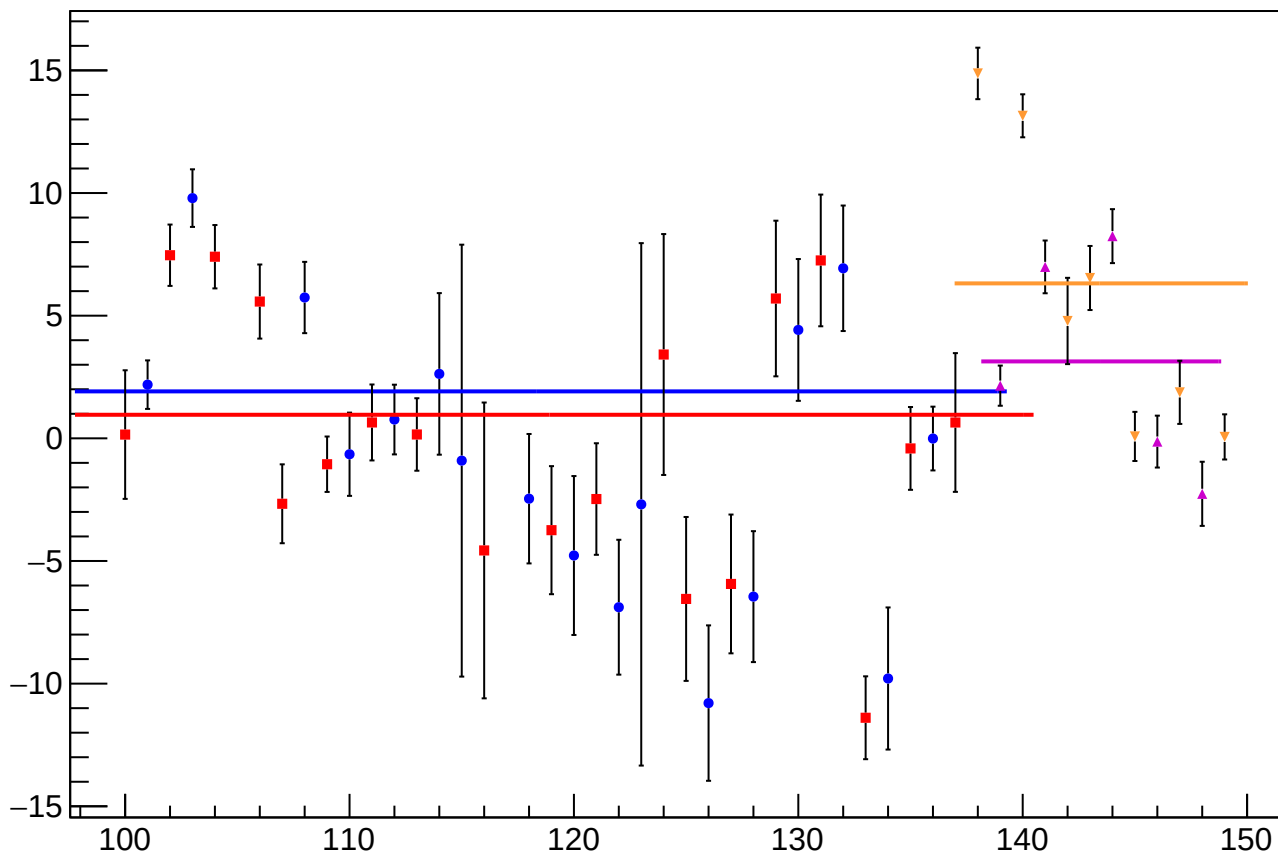
Left In: 57.318 $\pm$ 0.347 χ^2 /NDF: 621.8/4

+ sign 59.615 $\pm$ 0.195 χ^2 /NDF: 1318.8/23

All: 59.195 $\pm$ 0.140 χ^2 /NDF: 3292.8/47

- sign 58.747 $\pm$ 0.202 χ^2 /NDF: 1964.4/23

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 6.316 ± 0.412 χ^2/NDF : 224.9/6

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

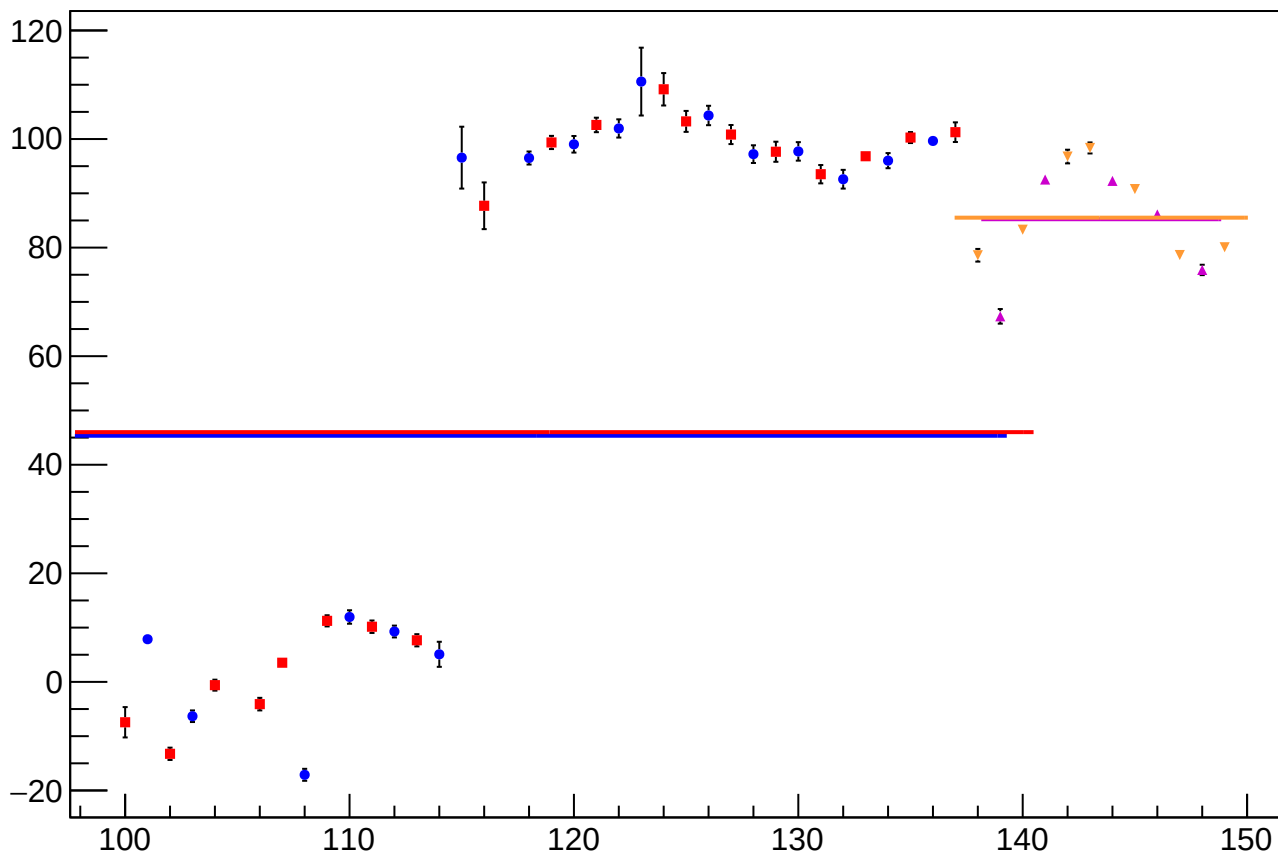
Left In: 3.136 ± 0.463 χ^2/NDF : 62.5/4

+ sign 4.348 ± 0.306 χ^2/NDF : 397.7/23

All: 3.176 ± 0.219 χ^2/NDF : 651.5/47

- sign 1.953 ± 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: 85.515 $\pm$ 0.355 χ^2 /NDF:423.9/6

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

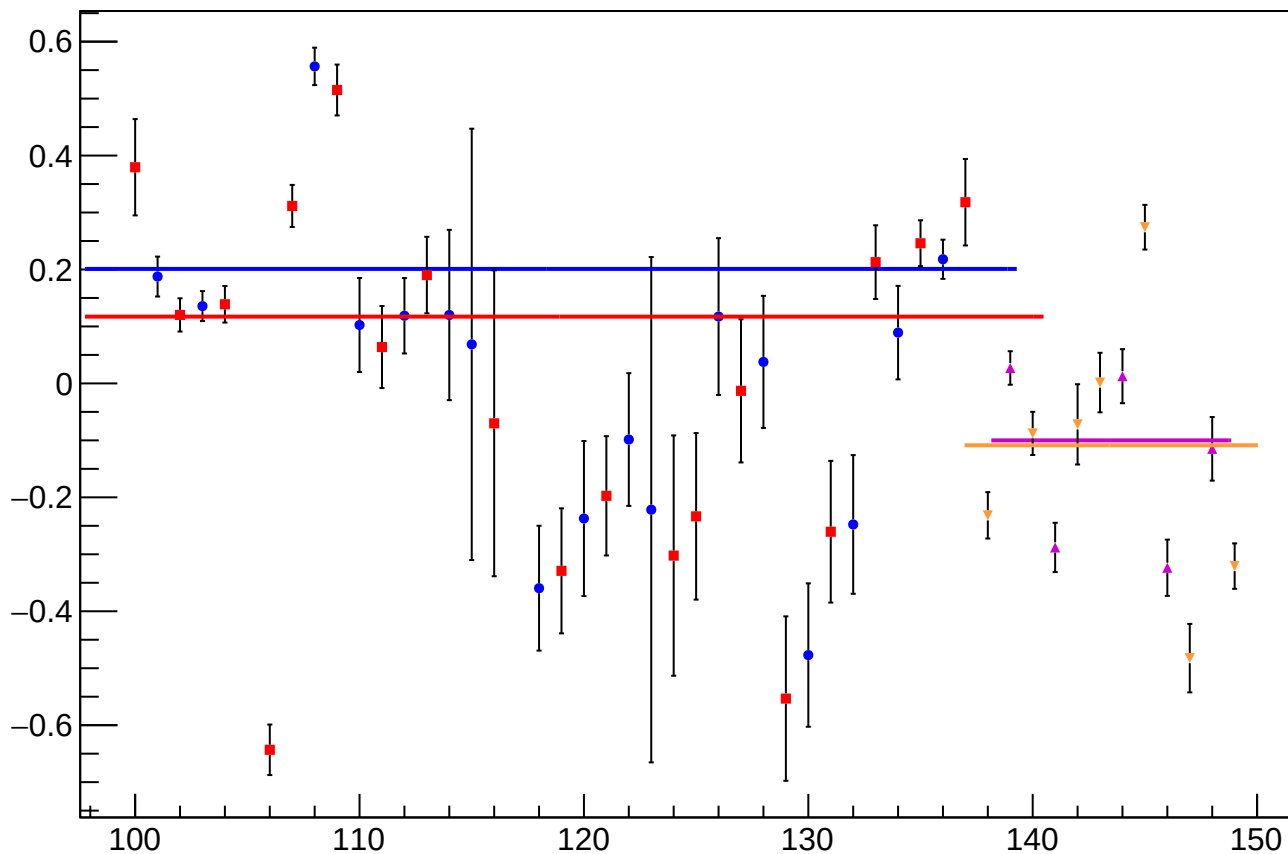
Left In: 85.228 $\pm$ 0.423 χ^2 /NDF:409.1/4

+ sign 62.296 $\pm$ 0.231 χ^2 /NDF: 32900.6/23

All: 60.474 $\pm$ 0.166 χ^2 /NDF: 67515.5/47

- 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: -0.109 ± 0.017 χ^2/NDF : 176.2/6

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

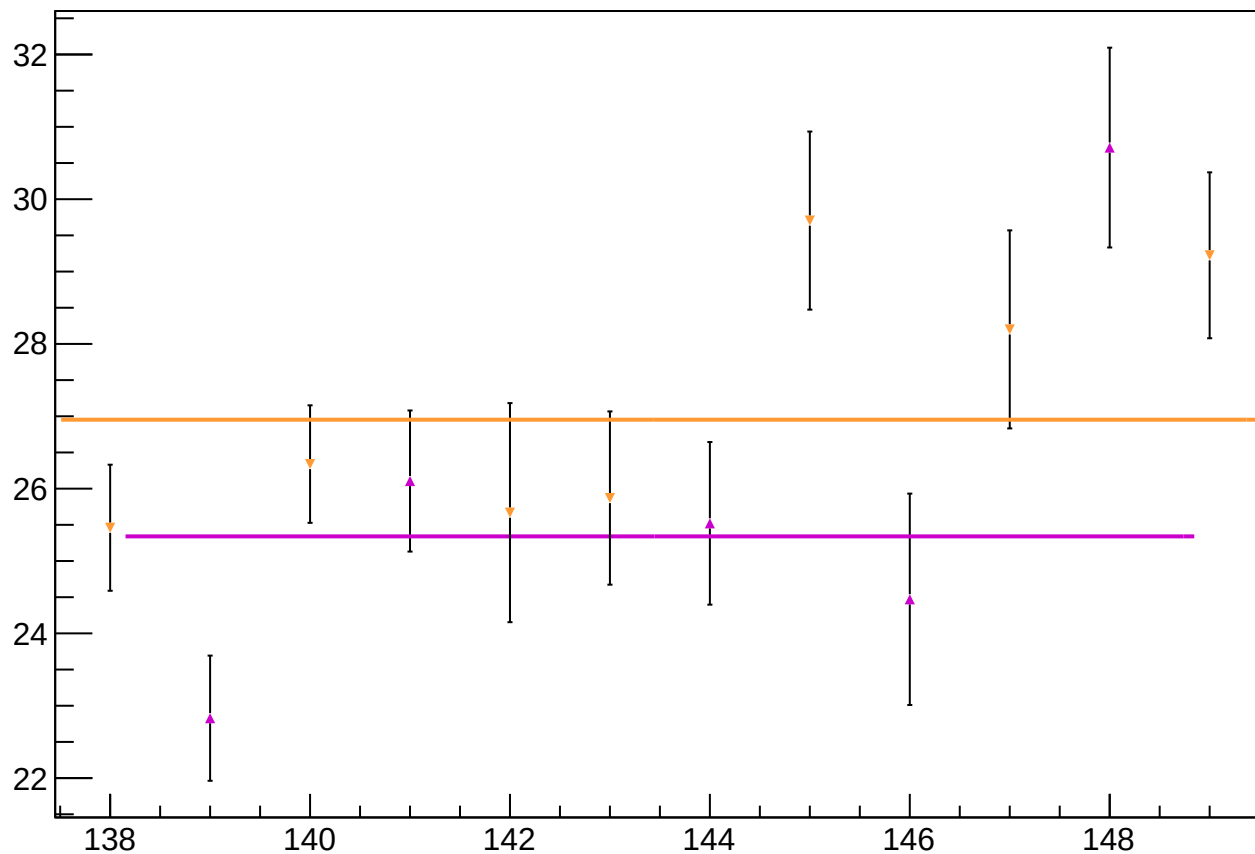
Left In: -0.100 ± 0.019 χ^2/NDF : 63.7/4

+ sign 0.076 ± 0.011 χ^2/NDF : 589.9/23

All: 0.061 ± 0.008 χ^2/NDF : 1248.7/47

- sign 0.046 ± 0.011 χ^2/NDF : 654.9/23

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 26.953 $\pm$ 0.411 χ^2 /NDF:14.8/6

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

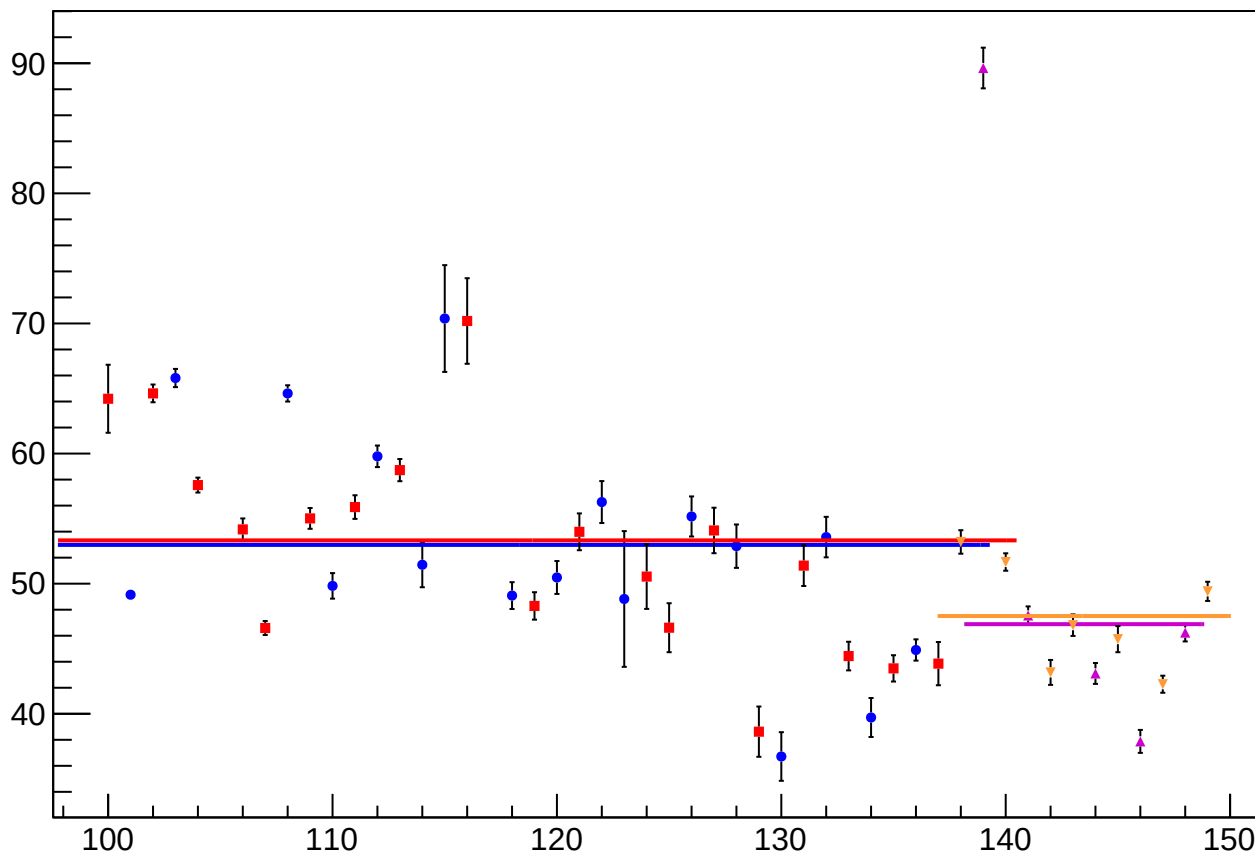
Left In: 25.340 $\pm$ 0.489 χ^2 /NDF:24.6/4

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

All: 26.286 $\pm$ 0.315 χ^2 /NDF: 45.8/11

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

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 ± 0.210 $\chi^2/\text{NDF}: 1197.8/16$

Left Out: 47.514 ± 0.299 $\chi^2/\text{NDF}: 173.0/6$

Right Out: 53.328 ± 0.227 $\chi^2/\text{NDF}: 872.7/18$

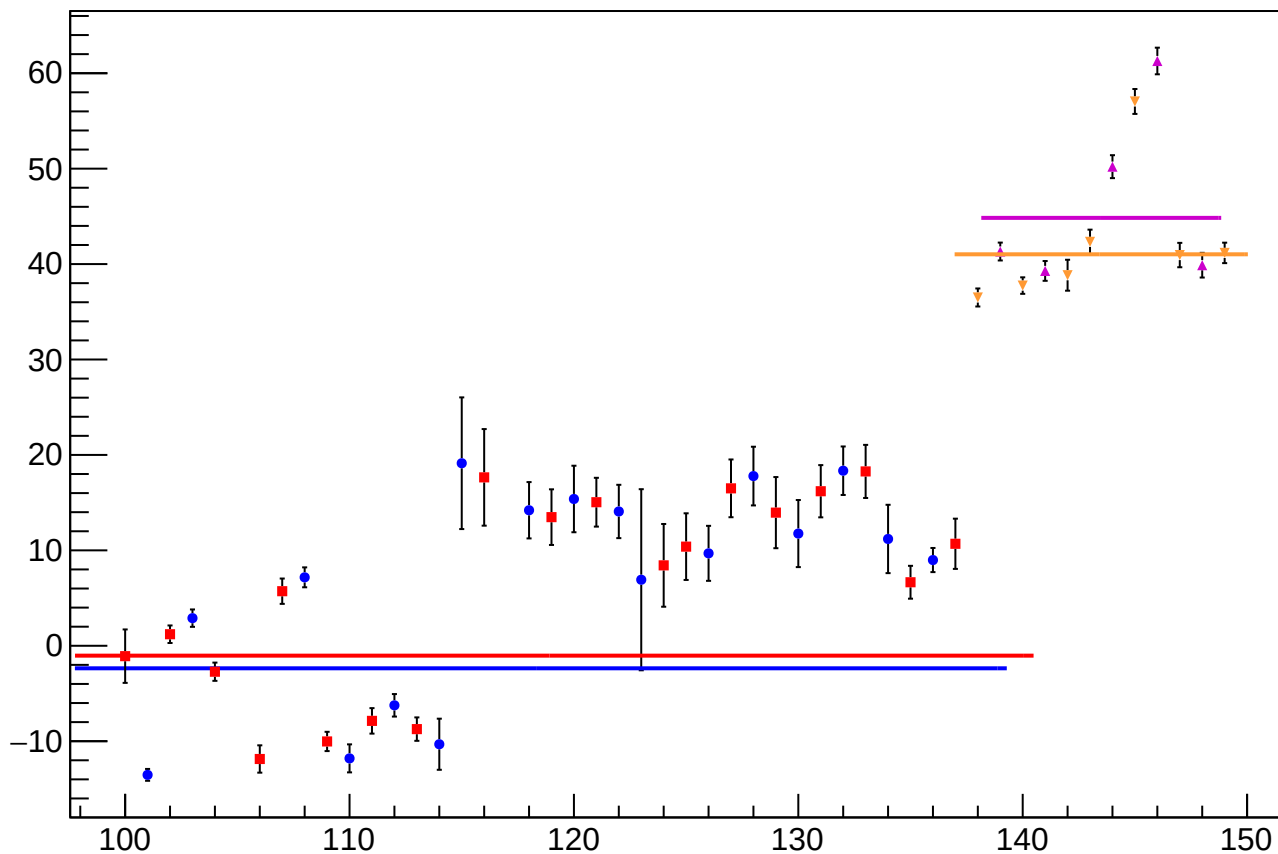
Left In: 46.888 ± 0.366 $\chi^2/\text{NDF}: 876.2/4$

+ sign 51.177 ± 0.172 $\chi^2/\text{NDF}: 1594.1/23$

All: 51.338 ± 0.128 $\chi^2/\text{NDF}: 3568.9/47$

- sign 51.541 ± 0.193 $\chi^2/\text{NDF}: 1972.8/23$

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 $\pm$ 0.364 χ^2/NDF : 840.8/16

Left Out: 41.024 $\pm$ 0.426 χ^2/NDF :190.8/6

Right Out: -1.035 $\pm$ 0.377 χ^2/NDF : 507.7/18

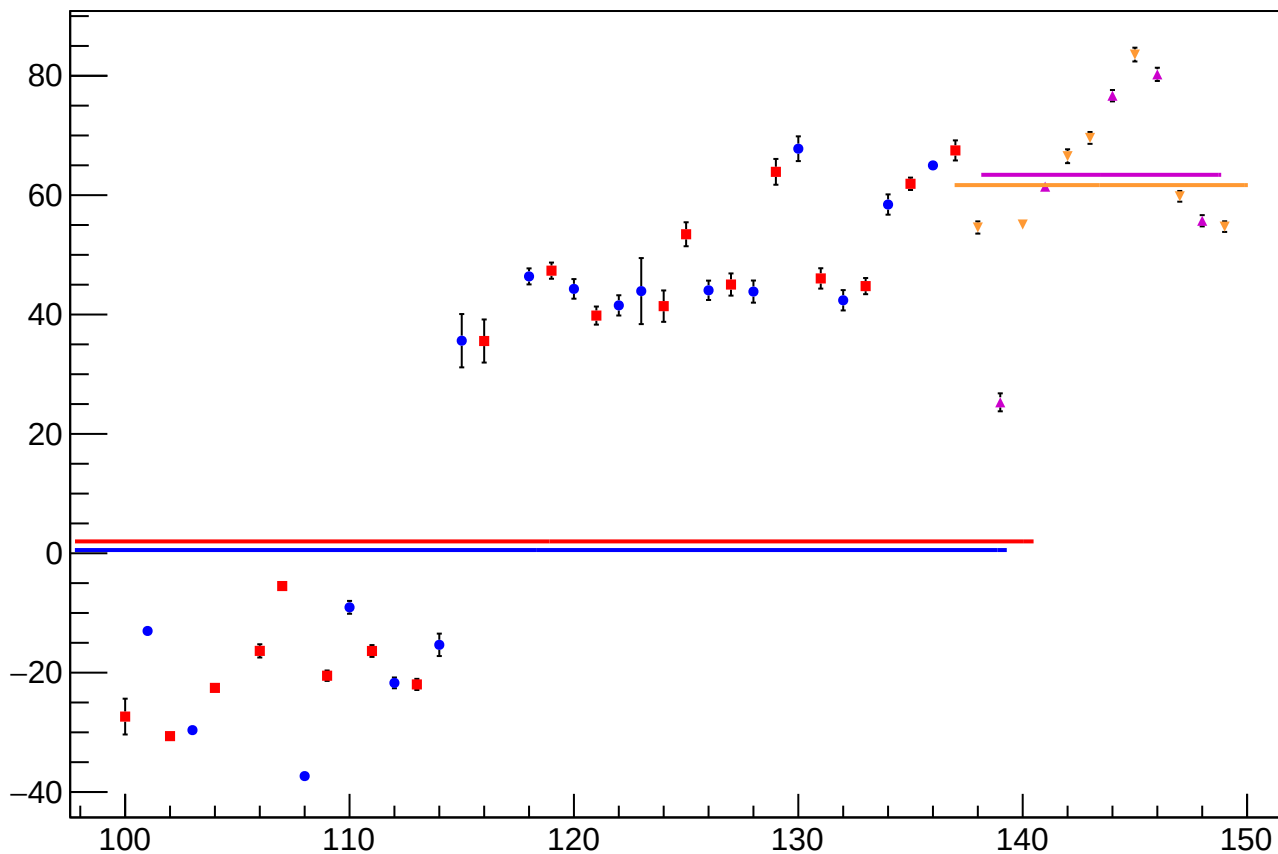
Left In: 44.842 $\pm$ 0.508 χ^2/NDF :216.4/4

+ sign 15.954 $\pm$ 0.277 χ^2/NDF : 7034.9/23

All: 15.634 $\pm$ 0.204 χ^2/NDF : 13021.3/47

- sign 15.251 $\pm$ 0.303 χ^2/NDF : 5983.5/23

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 61.685 ± 0.365 χ^2/NDF : 619.2/6

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

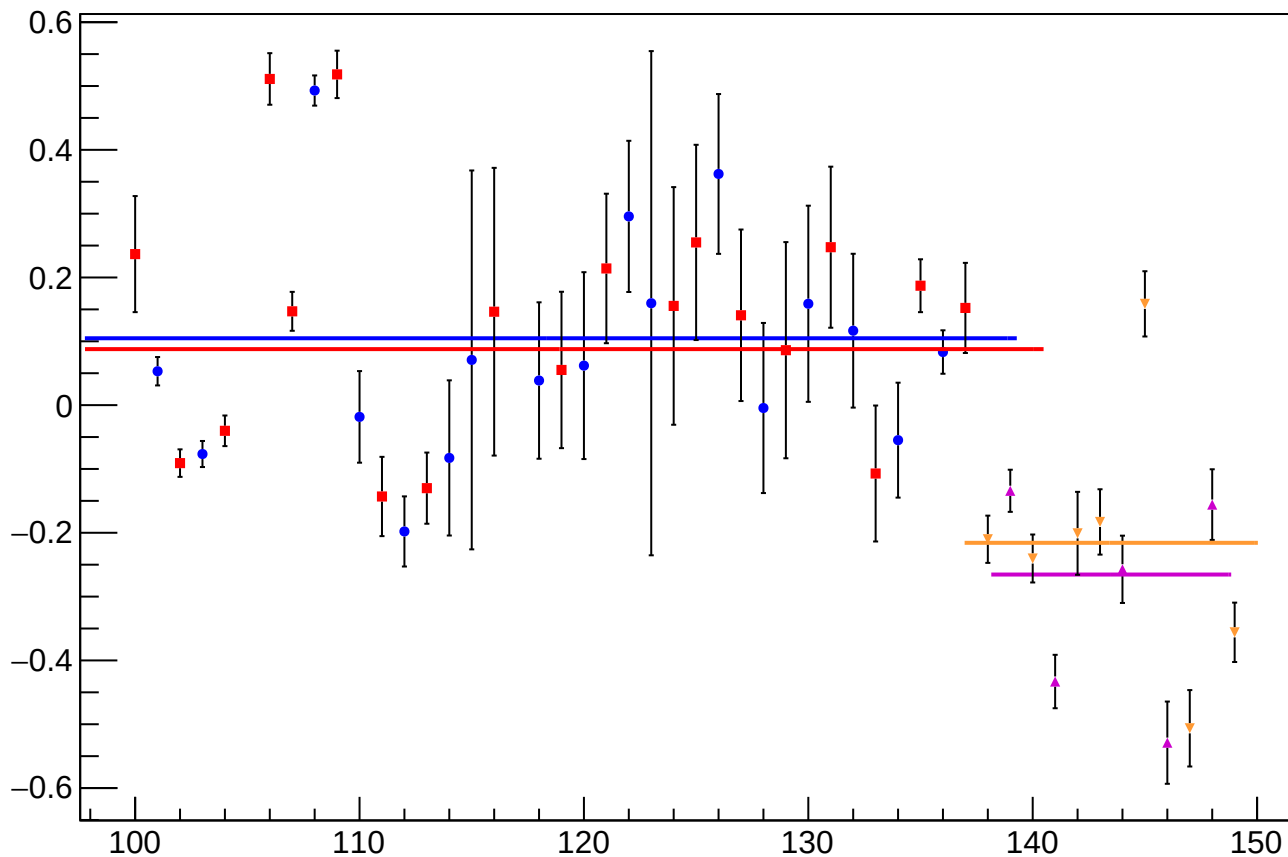
Left In: 63.409 ± 0.451 χ^2/NDF : 1138.0/4

+ sign 19.695 ± 0.204 χ^2/NDF : 38285.3/23

All: 18.887 ± 0.153 χ^2/NDF : 68665.5/47

- sign 17.869 ± 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: -0.216 ± 0.018 χ^2/NDF : 87.2/6

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

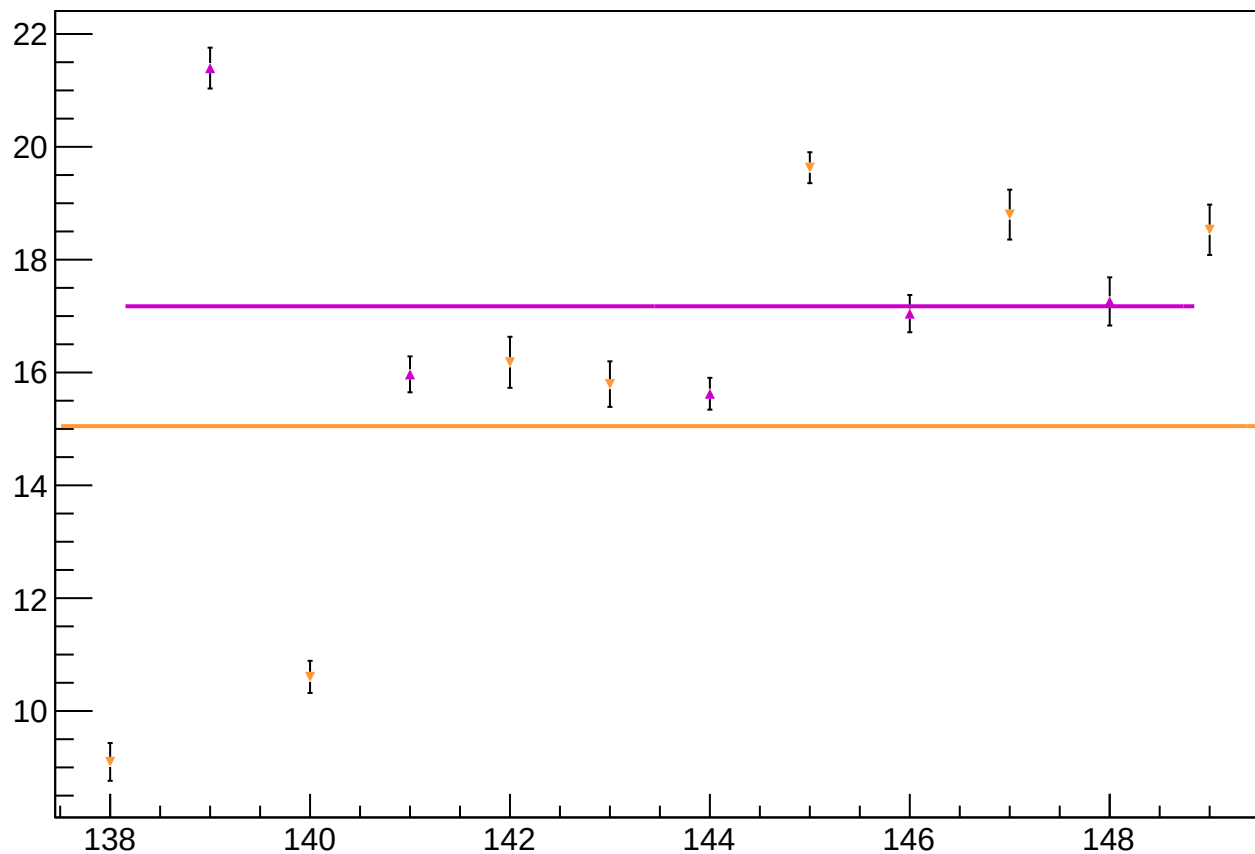
Left In: -0.265 ± 0.020 χ^2/NDF : 52.5/4

+ sign 0.015 ± 0.009 χ^2/NDF : 723.4/23

All: 0.012 ± 0.007 χ^2/NDF : 1400.4/47

- 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: 15.049+/-0.134 χ^2/NDF : 980.8/6

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

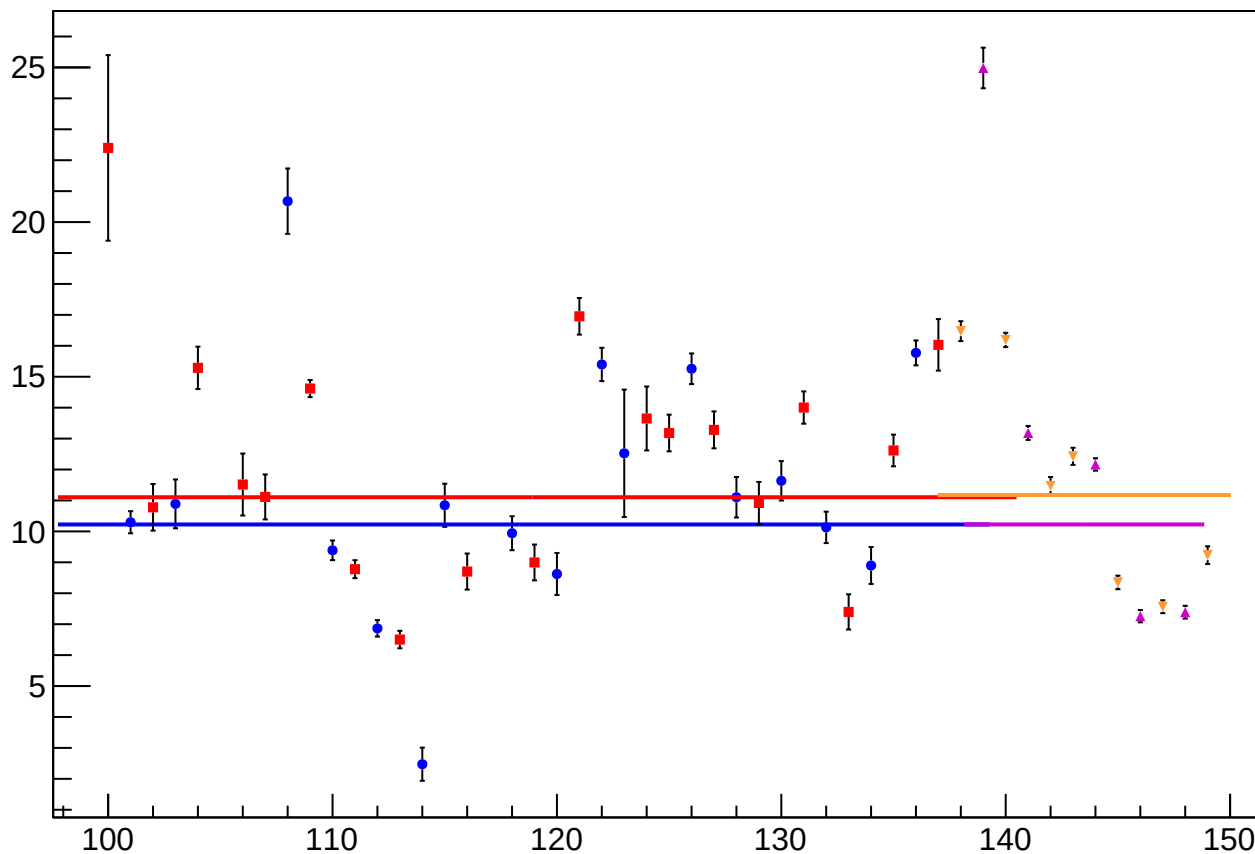
Left In: 17.174+/-0.149 χ^2/NDF : 180.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.996+/-0.100 χ^2/NDF : 1273.8/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 11.174 $\pm$ 0.096 χ^2 /NDF:1271.9/6

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

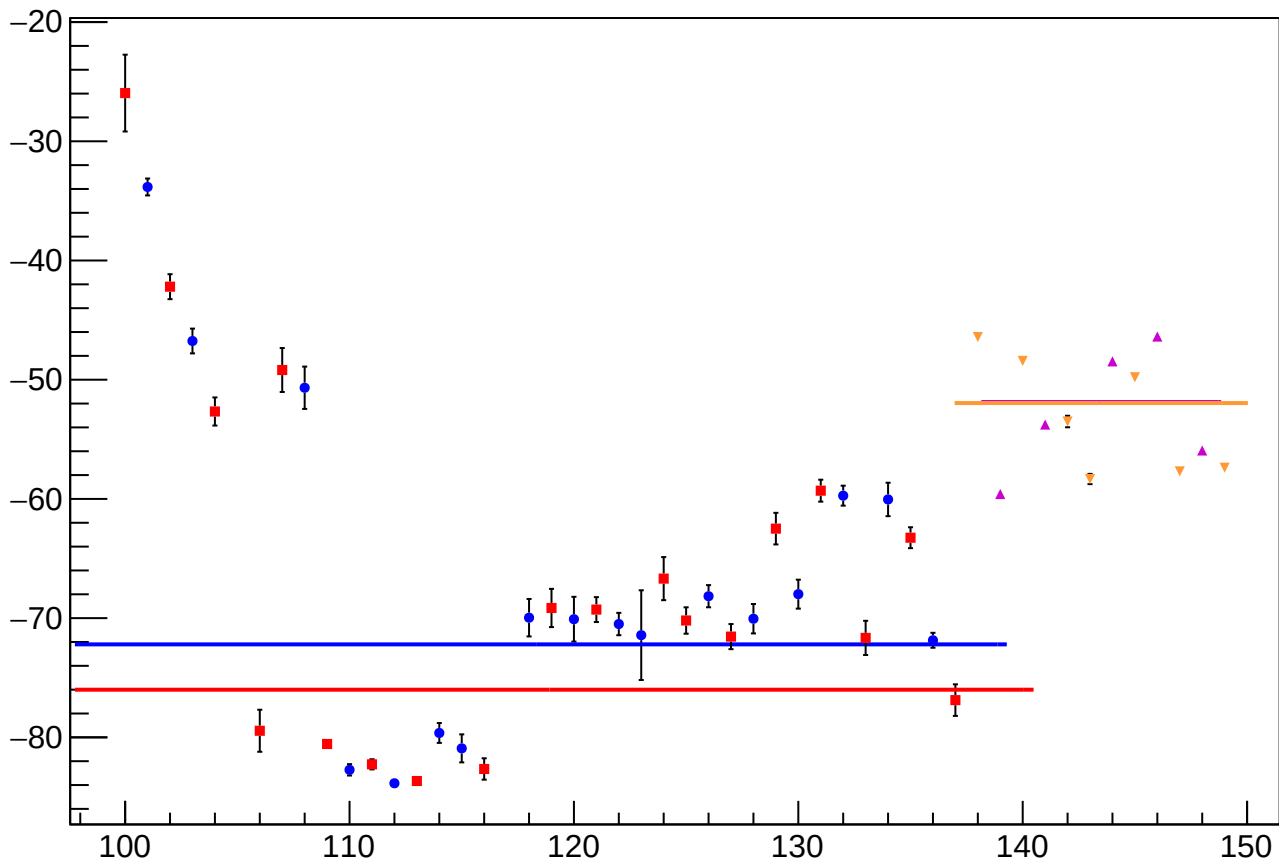
Left In: 10.225 $\pm$ 0.102 χ^2 /NDF:1181.1/4

+ sign 10.801 $\pm$ 0.074 χ^2 /NDF: 2188.3/23

All: 10.708 $\pm$ 0.053 χ^2 /NDF: 4222.0/47

- sign 10.608 $\pm$ 0.077 χ^2 /NDF: 2030.5/23

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -51.957 ± 0.139 χ^2/NDF : 1013.9/6

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

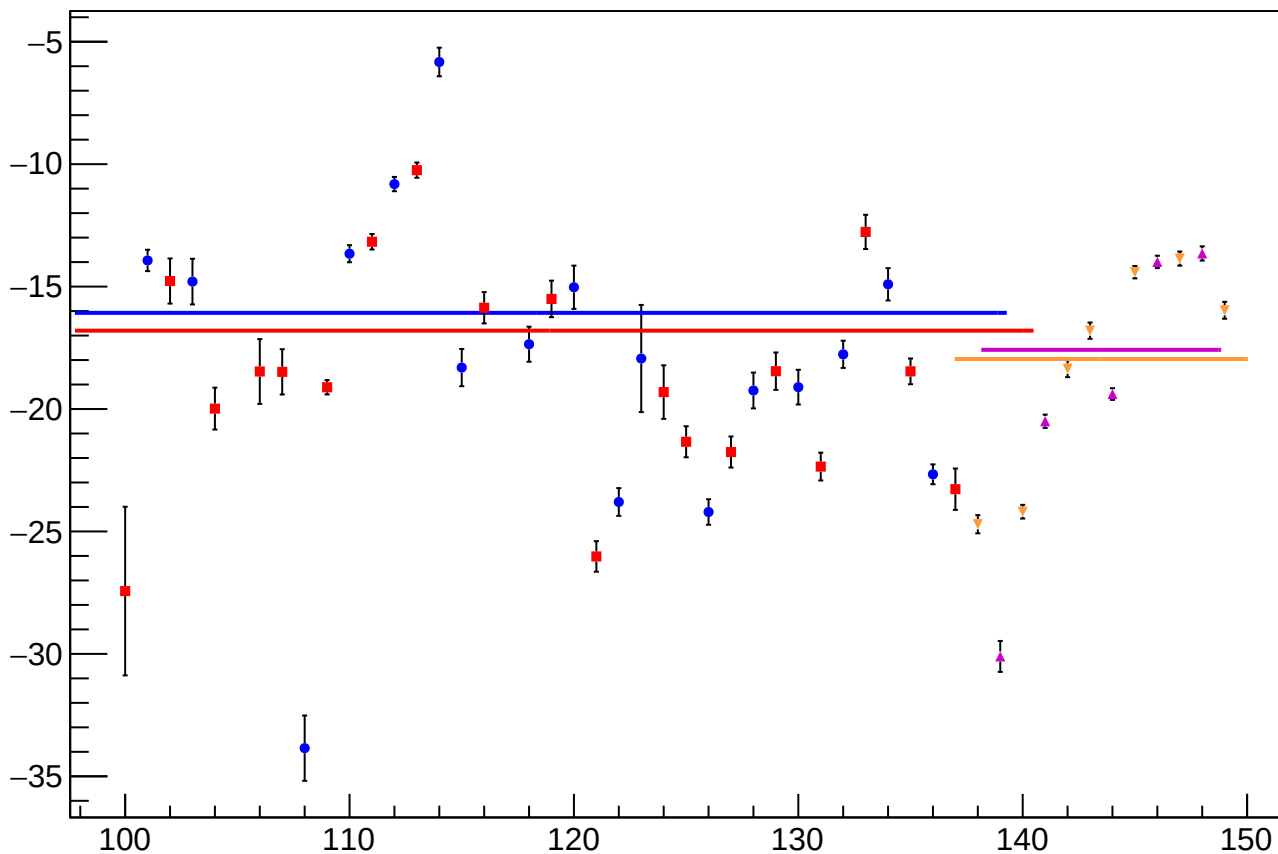
Left In: -51.871 ± 0.153 χ^2/NDF : 951.0/4

+ sign -58.686 ± 0.114 χ^2/NDF : 13580.9/23

All: -60.283 ± 0.082 χ^2/NDF : 28747.3/47

- sign -61.967 ± 0.117 χ^2/NDF : 14763.1/23

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -17.957 ± 0.117 χ^2/NDF : 1268.5/6

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

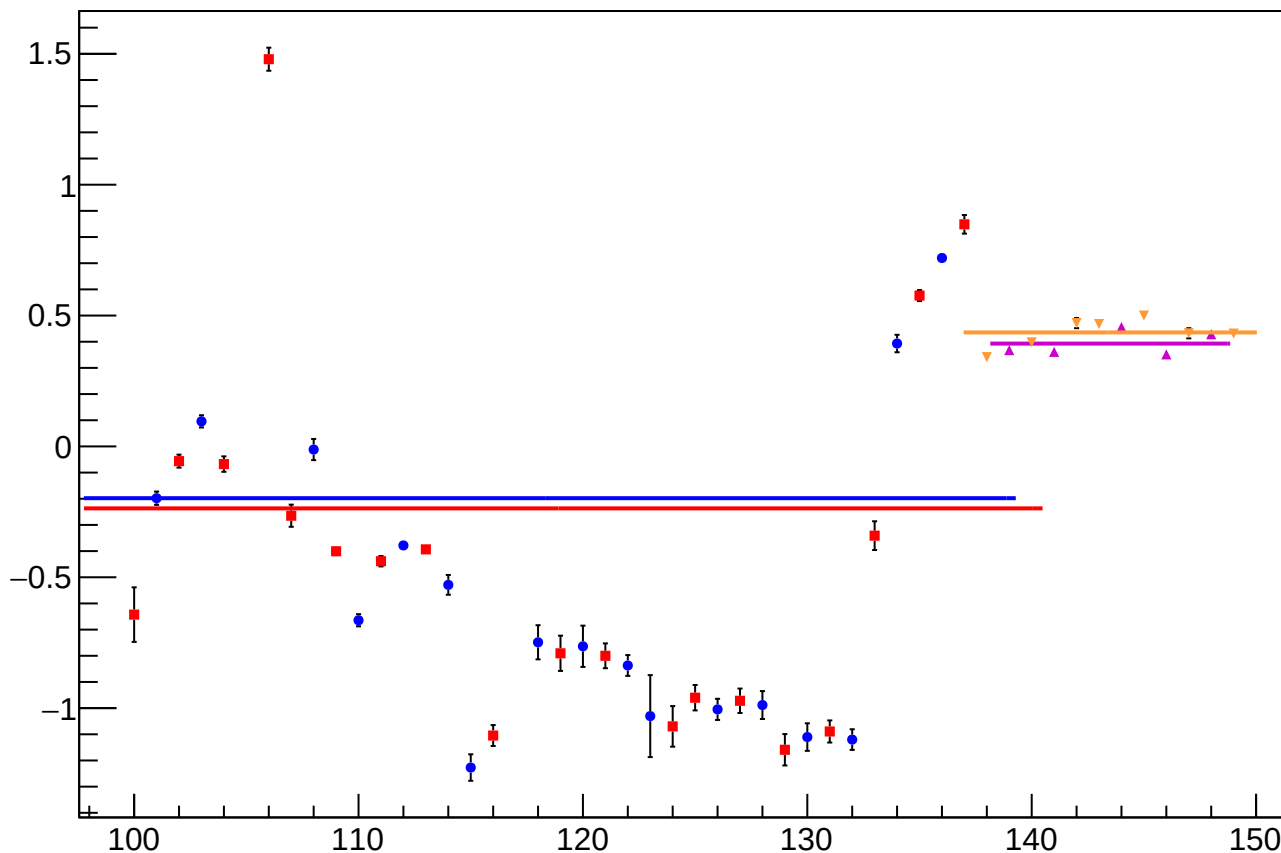
Left In: -17.582 ± 0.128 χ^2/NDF : 950.4/4

+ sign -17.130 ± 0.088 χ^2/NDF : 3023.6/23

All: -17.160 ± 0.063 χ^2/NDF : 5208.7/47

- sign -17.191 ± 0.091 χ^2/NDF : 2184.8/23

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 : 89.3/6

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

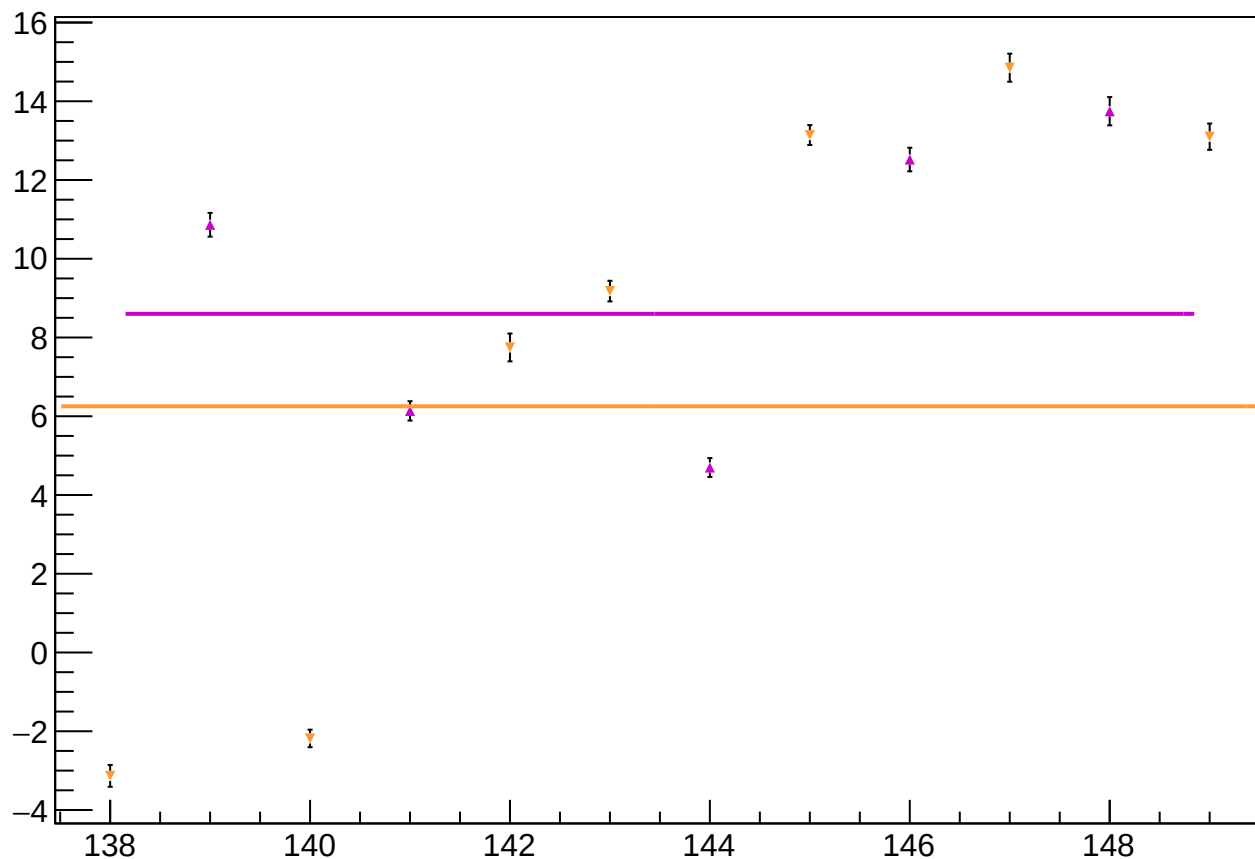
Left In: 0.393 ± 0.006 χ^2/NDF : 44.0/4

+ sign 0.200 ± 0.005 χ^2/NDF : 10867.3/23

All: 0.159 ± 0.003 χ^2/NDF : 21593.7/47

- sign 0.114 ± 0.005 χ^2/NDF : 10555.8/23

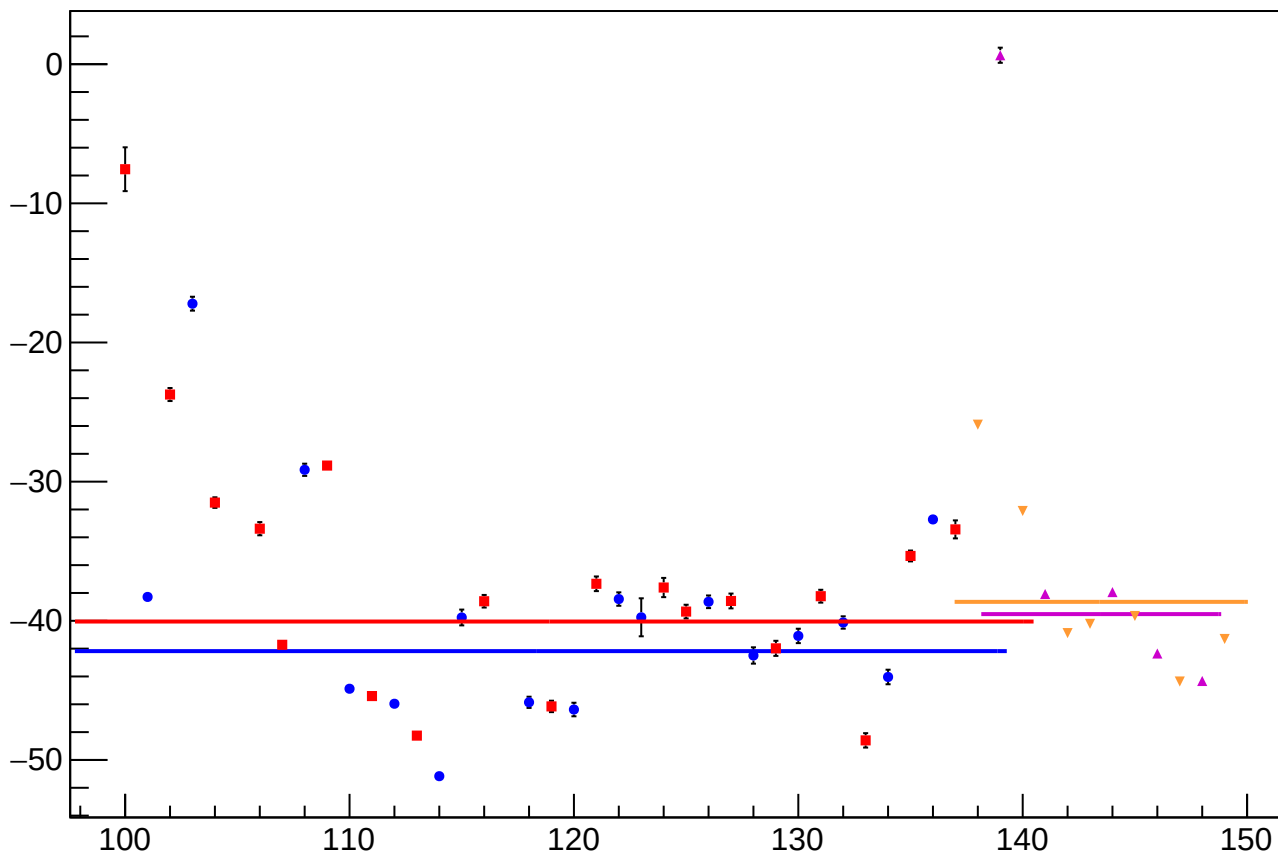
reg_asym_sam8_diff_bpm1X_slope vs Slug



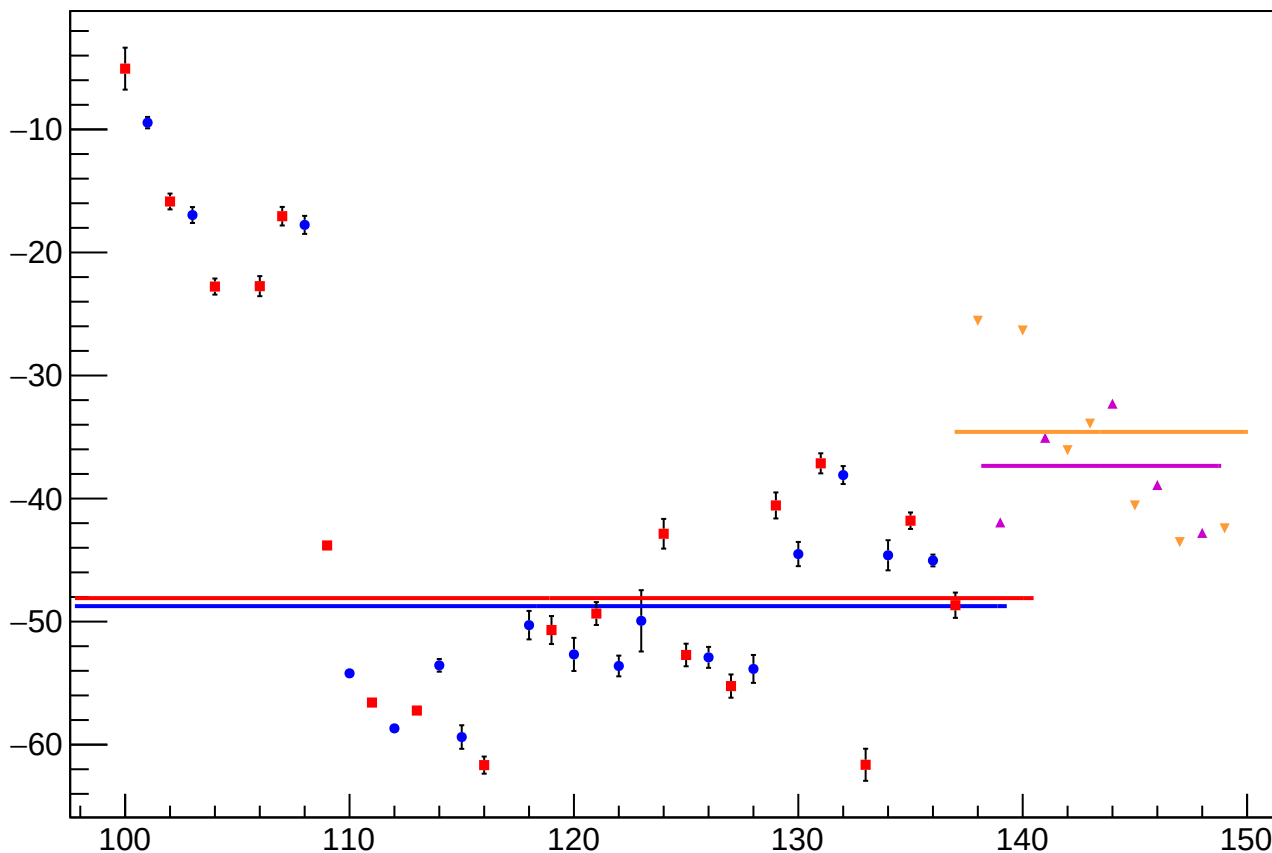
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 6.253+/-0.106 χ^2/NDF : 4469.3/6
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 8.601+/-0.125 χ^2/NDF : 795.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 7.237+/-0.081 χ^2/NDF : 5468.9/11
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -34.582 ± 0.111 $\chi^2/\text{NDF}: 3981.4/6$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

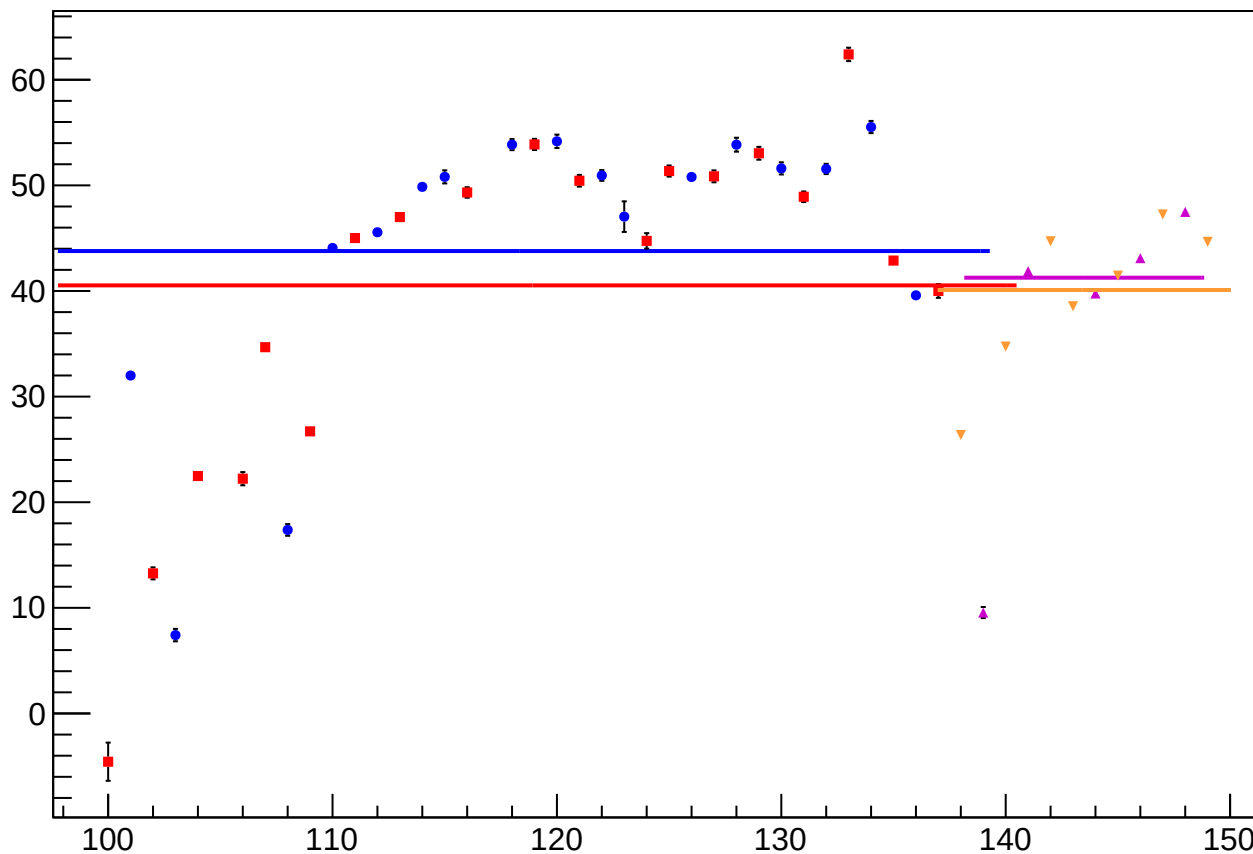
Left In: -37.344 ± 0.129 $\chi^2/\text{NDF}: 950.3/4$

+ sign -40.832 ± 0.083 $\chi^2/\text{NDF}: 25875.8/23$

All: -42.272 ± 0.058 $\chi^2/\text{NDF}: 43262.6/47$

- sign -43.706 ± 0.082 $\chi^2/\text{NDF}: 16781.2/23$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.093+/-0.092 χ^2 /NDF:4177.1/6

Right Out: 40.530+/-0.080 χ^2 /NDF: 17580.7/18

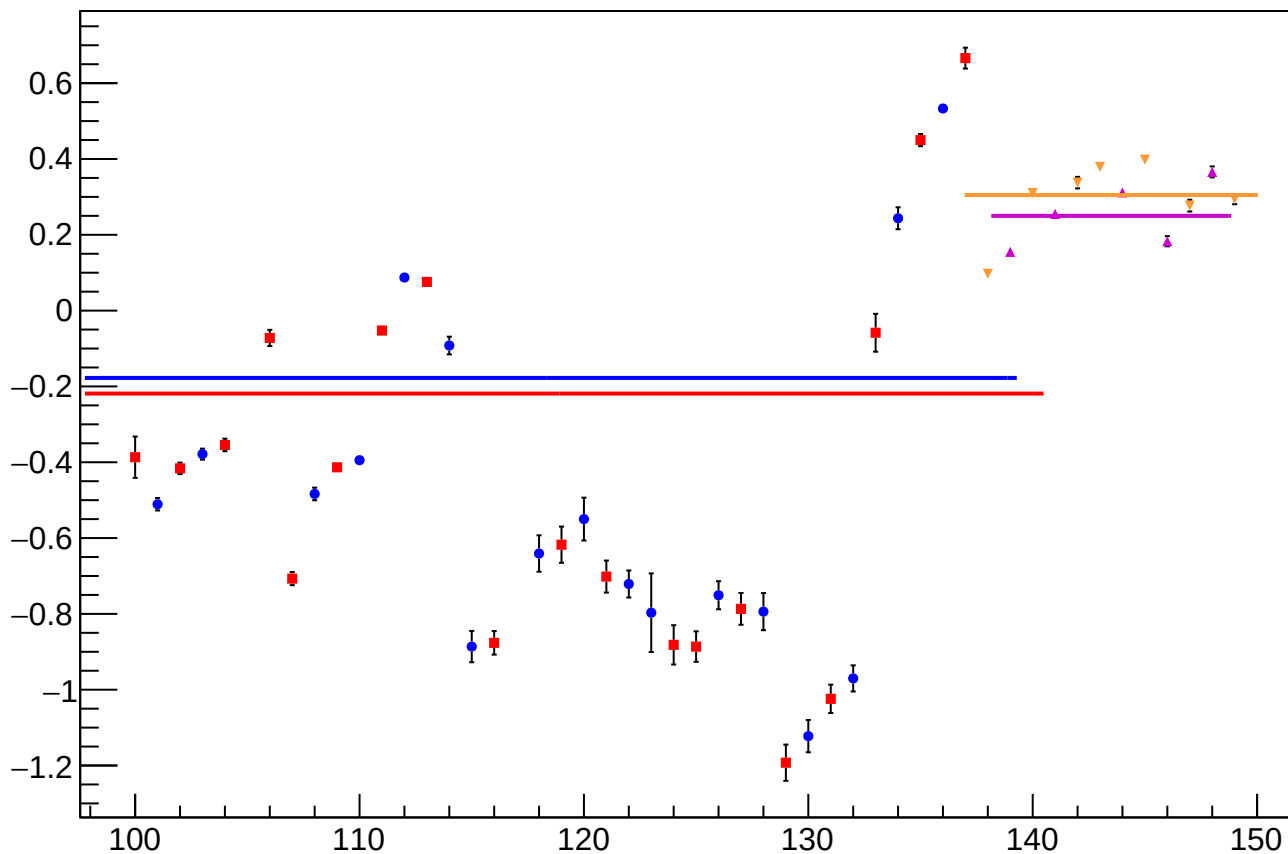
Left In: 41.259+/-0.108 χ^2 /NDF:4429.0/4

+ sign 42.053+/-0.063 χ^2 /NDF: 15666.0/23

All: 41.433+/-0.045 χ^2 /NDF: 37901.4/47

- sign 40.788+/-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: 0.305 ± 0.005 χ^2/NDF : 433.6/6

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

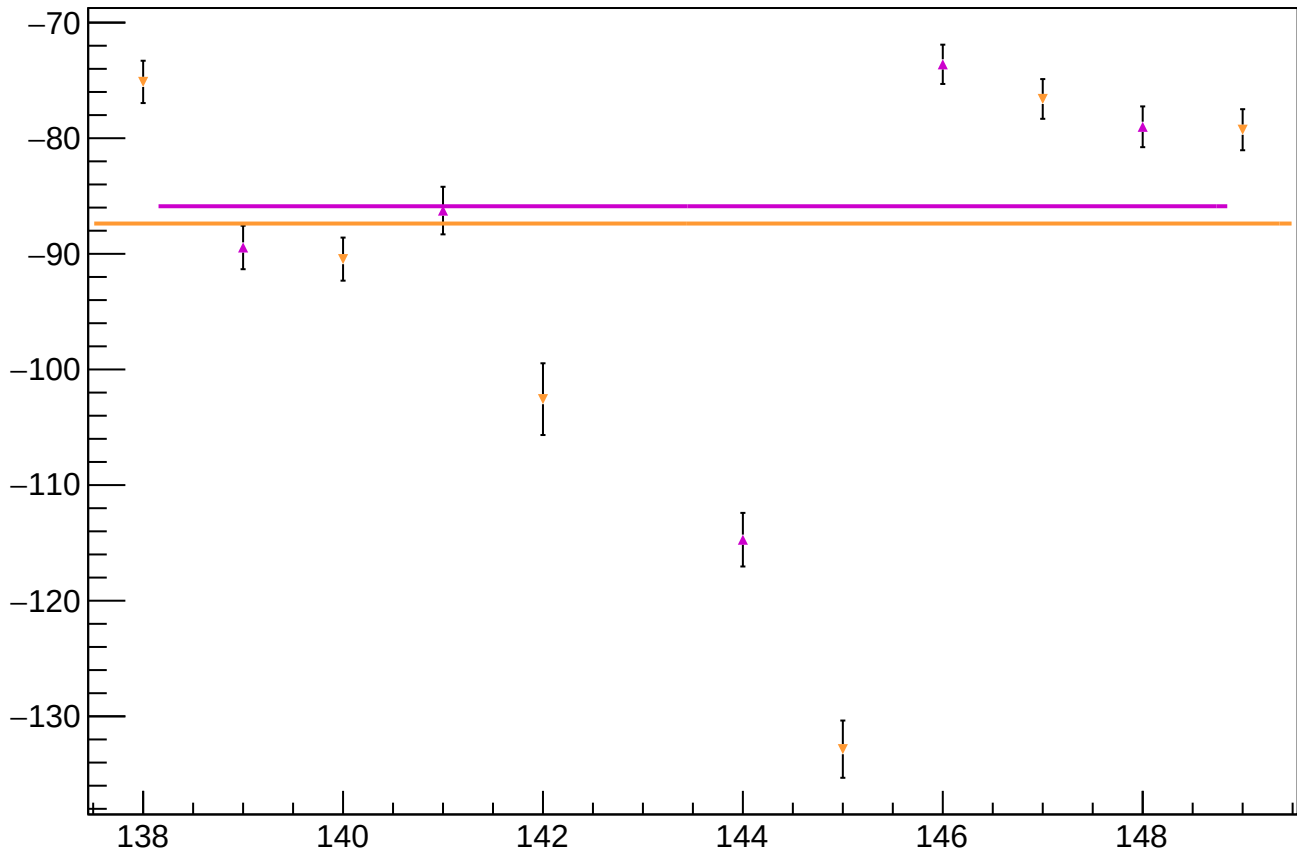
Left In: 0.250 ± 0.005 χ^2/NDF : 188.1/4

+ sign 0.076 ± 0.003 χ^2/NDF : 13032.6/23

All: 0.020 ± 0.002 χ^2/NDF : 25890.7/47

- 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: -87.379+/-0.814 χ^2/NDF : 468.9/5

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

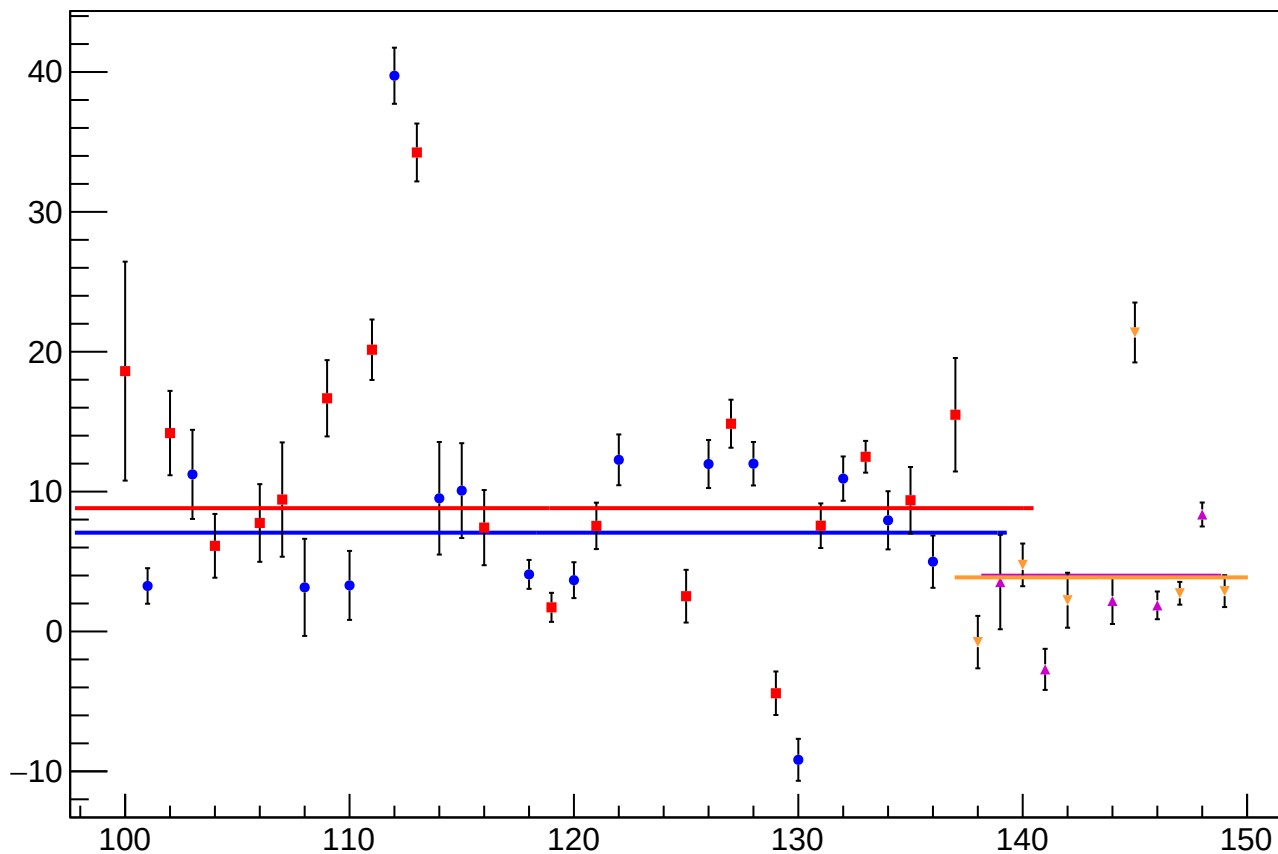
Left In: -85.884+/-0.853 χ^2/NDF : 225.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.667+/-0.589 χ^2/NDF : 696.3/10

- 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: 3.867 ± 0.537 χ^2/NDF : 76.8/5

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

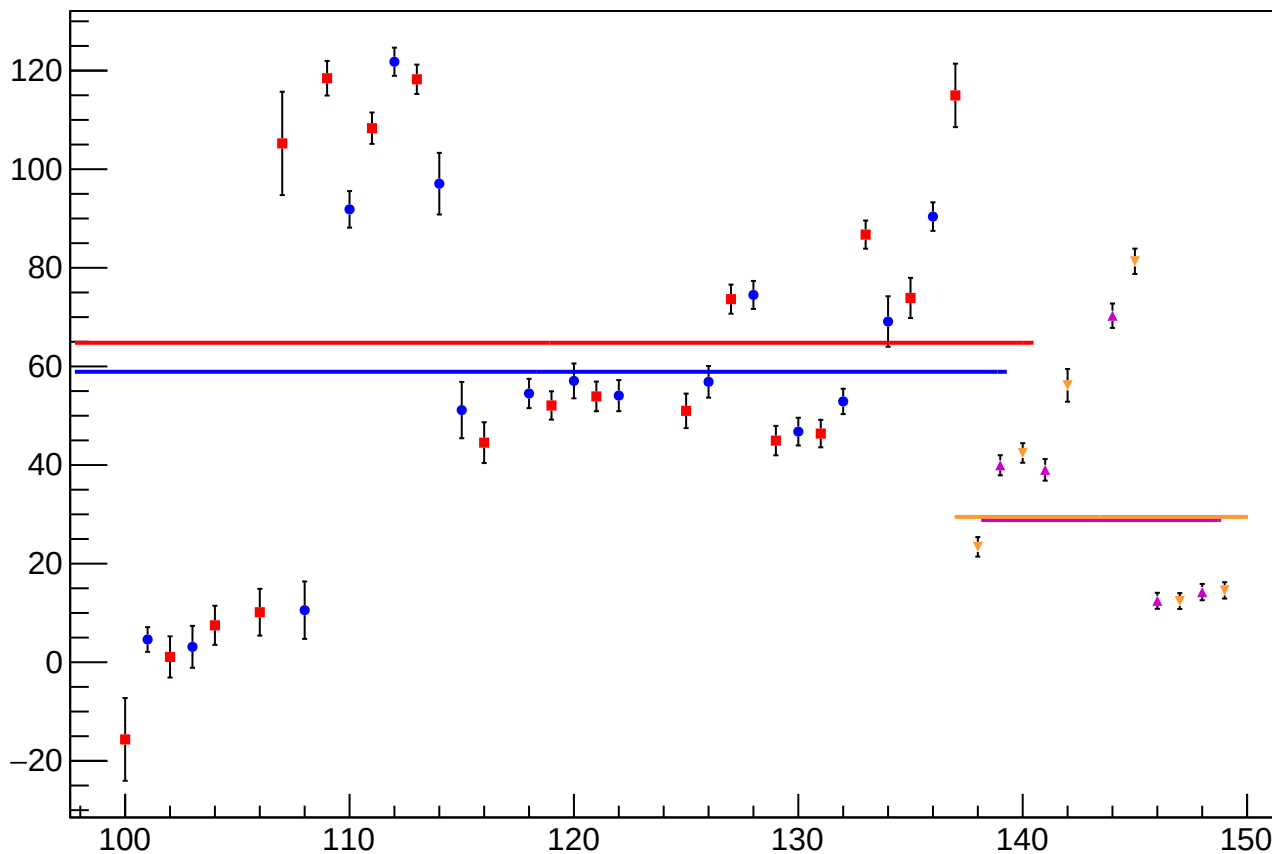
Left In: 3.988 ± 0.550 χ^2/NDF : 52.7/4

+ sign 5.803 ± 0.337 χ^2/NDF : 545.1/21

All: 6.328 ± 0.242 χ^2/NDF : 999.4/44

- 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: 29.476 $\pm$ 0.816 χ^2 /NDF: 717.5/5

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

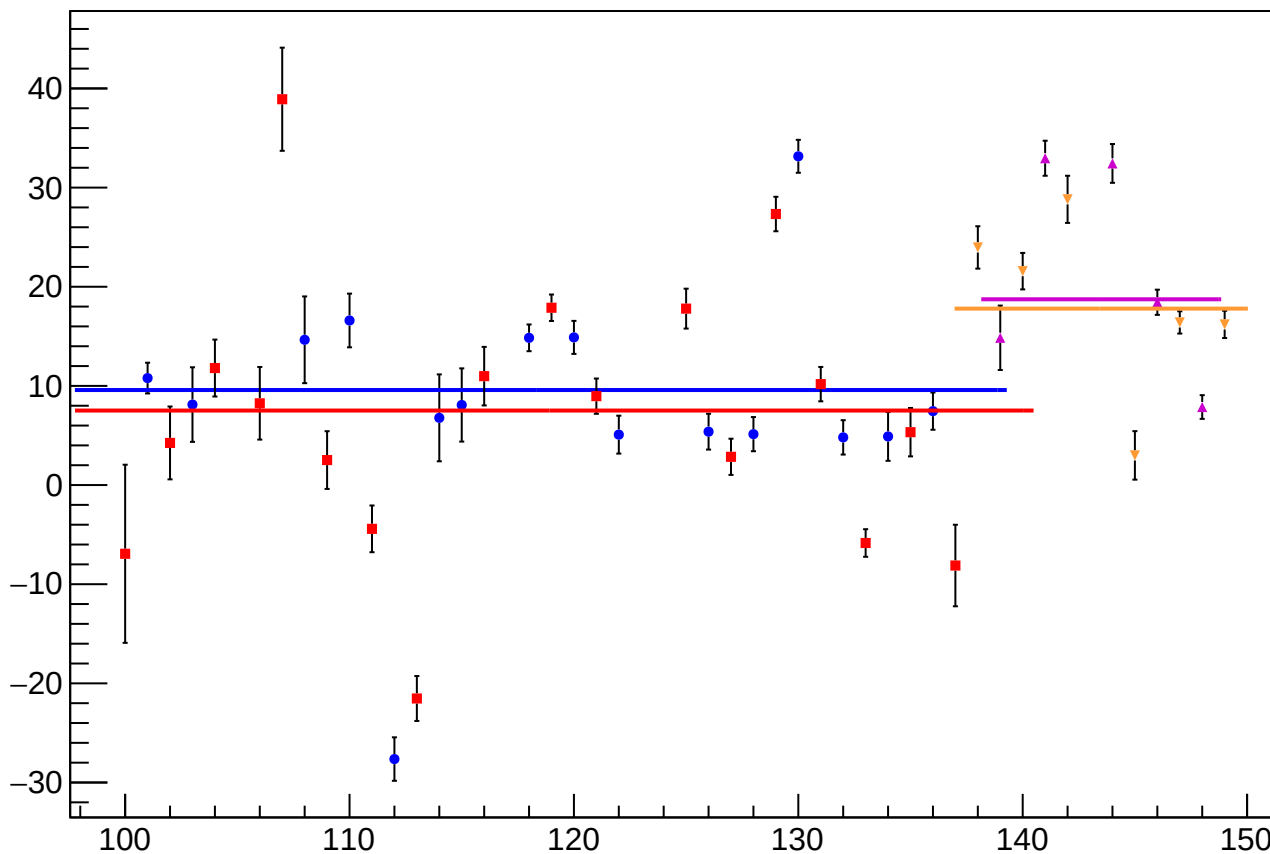
Left In: 28.837 $\pm$ 0.858 χ^2 /NDF: 510.7/4

+ sign 43.921 $\pm$ 0.582 χ^2 /NDF: 2852.6/21

All: 45.512 $\pm$ 0.418 χ^2 /NDF: 5993.5/44

- 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 χ^2/NDF : 554.4/15

Left Out: 17.794 ± 0.677 χ^2/NDF : 73.5/5

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

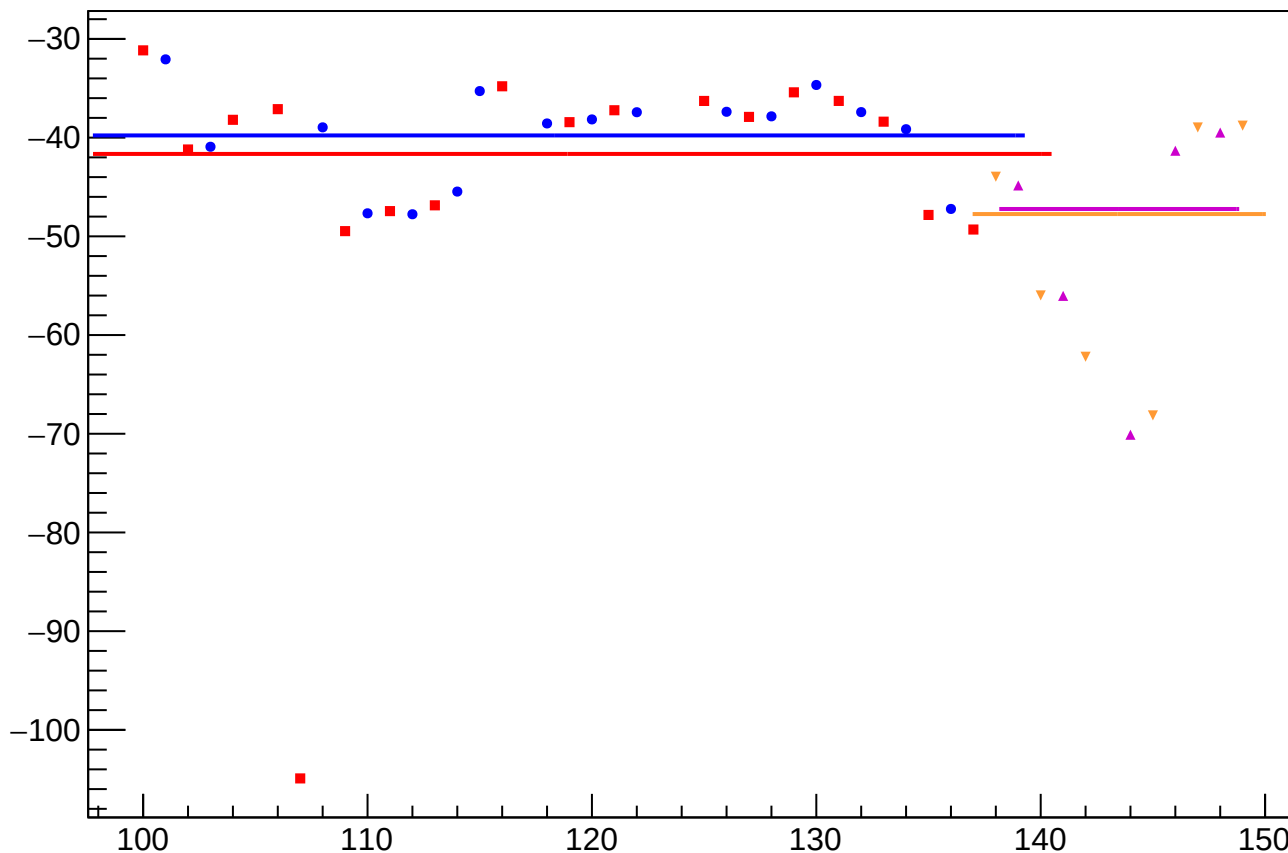
Left In: 18.735 ± 0.708 χ^2/NDF : 197.9/4

+ sign 12.487 ± 0.403 χ^2/NDF : 722.9/21

All: 11.964 ± 0.290 χ^2/NDF : 1658.2/44

- sign 11.405 ± 0.417 χ^2/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: -47.743 ± 0.035 χ^2/NDF : 92281.7/5

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

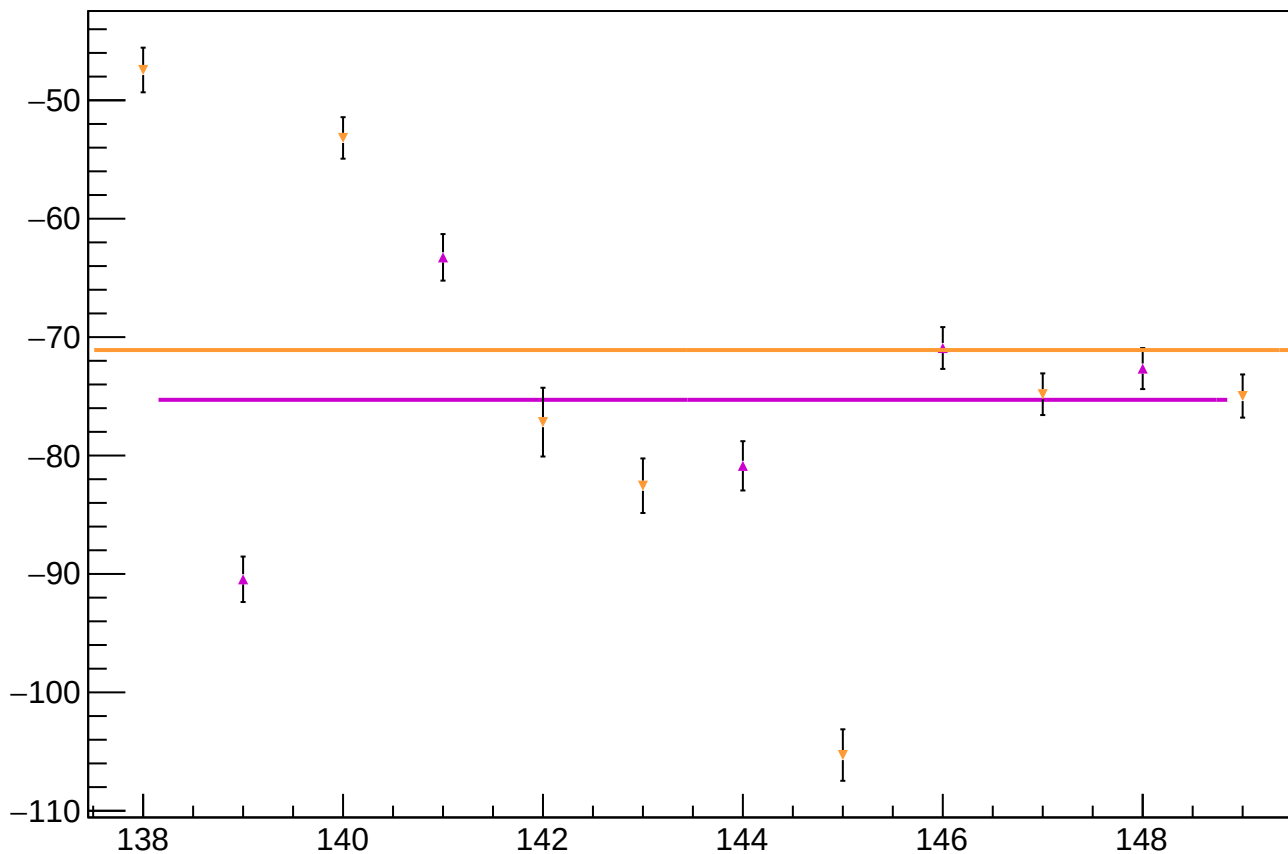
Left In: -47.229 ± 0.036 χ^2/NDF : 73383.9/4

+ sign -43.291 ± 0.023 χ^2/NDF : 147445.6/21

All: -43.674 ± 0.017 χ^2/NDF : 329689.2/44

- 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: -71.092+/-0.756 χ^2/NDF : 547.6/6

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

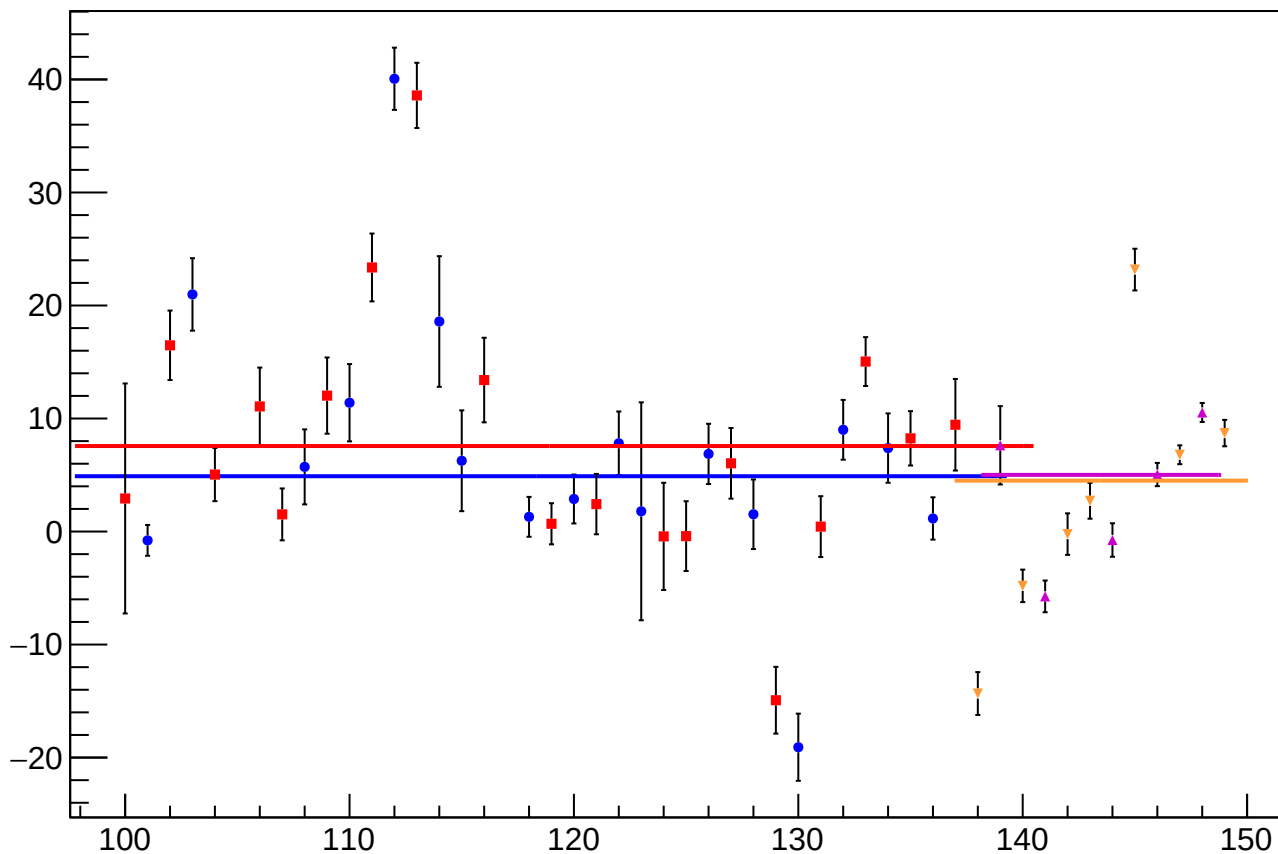
Left In: -75.295+/-0.840 χ^2/NDF : 115.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.972+/-0.562 χ^2/NDF : 676.9/11

- 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 $\chi^2/\text{NDF}: 295.4/16$

Left Out: 4.504 ± 0.505 $\chi^2/\text{NDF}: 271.5/6$

Right Out: 7.565 ± 0.652 $\chi^2/\text{NDF}: 270.2/18$

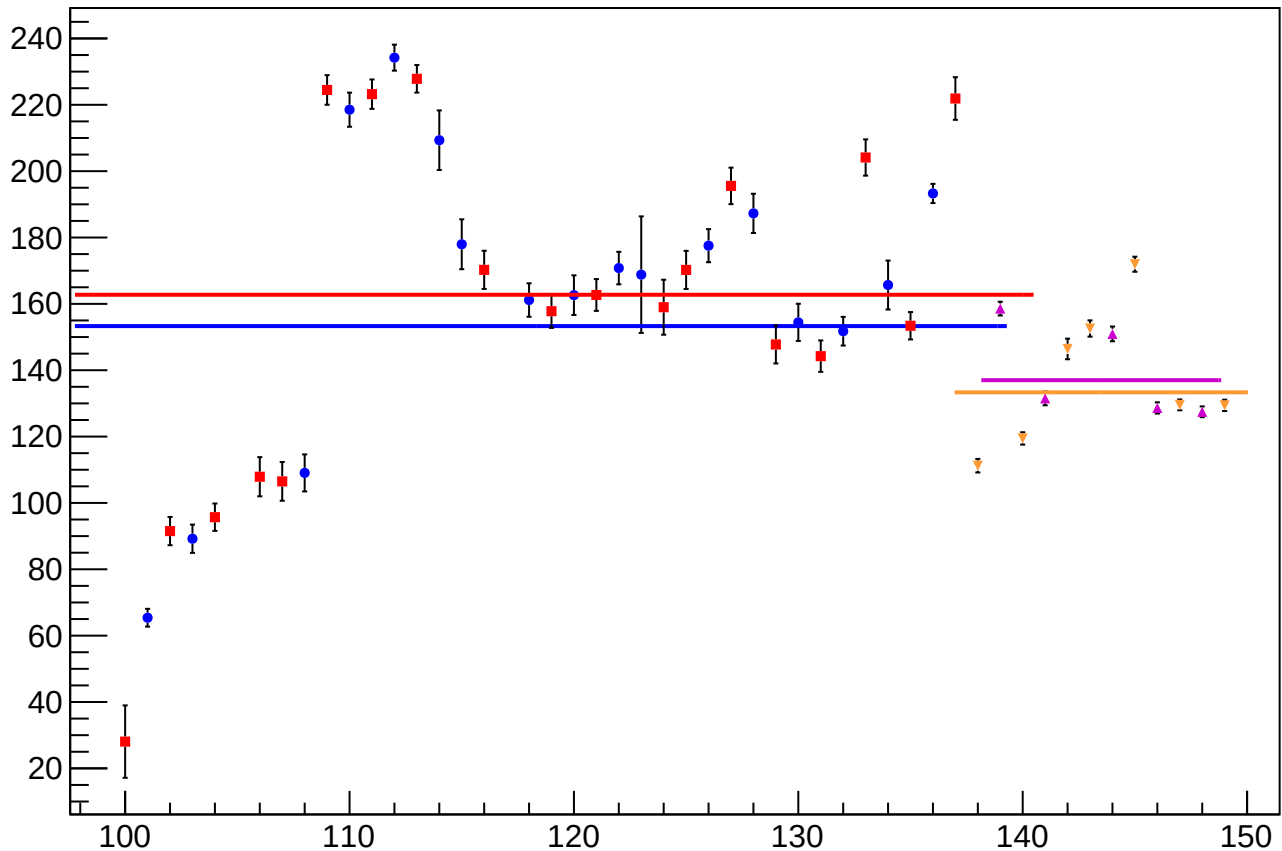
Left In: 5.012 ± 0.541 $\chi^2/\text{NDF}: 117.7/4$

+ sign 4.659 ± 0.392 $\chi^2/\text{NDF}: 567.1/23$

All: 5.315 ± 0.285 $\chi^2/\text{NDF}: 970.0/47$

- sign 6.054 ± 0.416 $\chi^2/\text{NDF}: 397.0/23$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 133.332 $\pm$ 0.766 χ^2 /NDF: 551.6/6

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

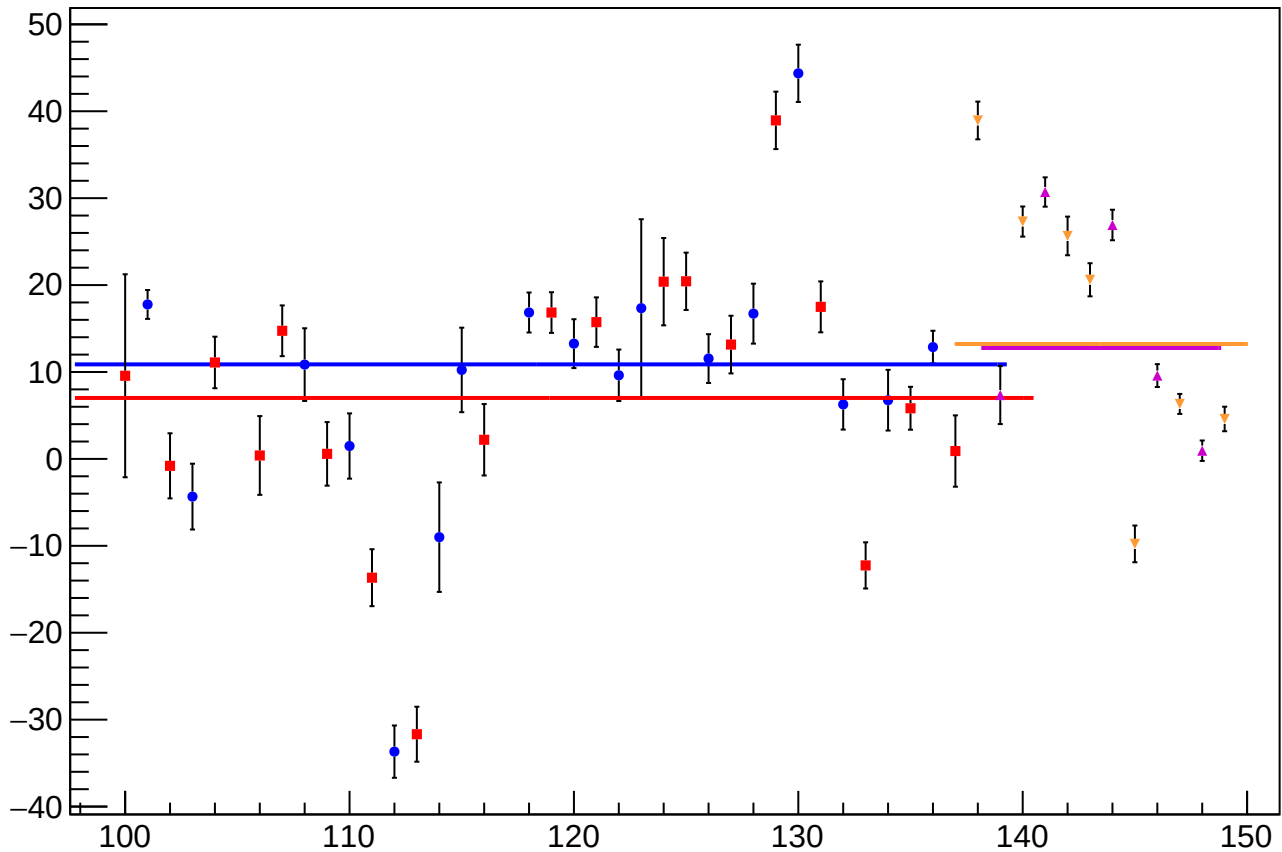
Left In: 136.993 $\pm$ 0.847 χ^2 /NDF: 213.0/4

+ sign 139.507 $\pm$ 0.637 χ^2 /NDF: 3028.5/23

All: 142.405 $\pm$ 0.467 χ^2 /NDF: 5310.6/47

- sign 145.785 $\pm$ 0.687 χ^2 /NDF: 2237.3/23

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 ± 0.713 $\chi^2/\text{NDF}: 388.1/16$

Left Out: 13.223 ± 0.632 $\chi^2/\text{NDF}: 444.5/6$

Right Out: 7.014 ± 0.748 $\chi^2/\text{NDF}: 424.5/18$

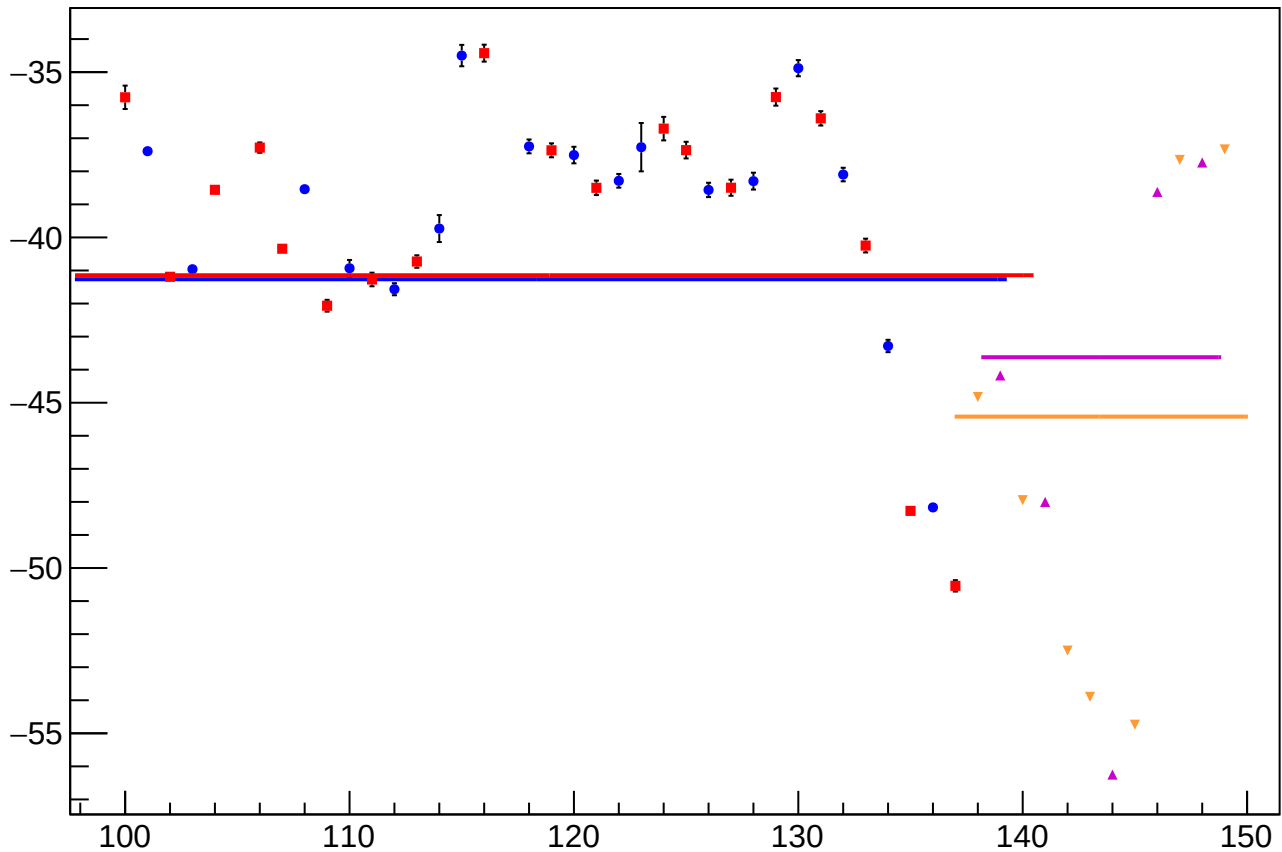
Left In: 12.763 ± 0.695 $\chi^2/\text{NDF}: 287.7/4$

+ sign 12.192 ± 0.473 $\chi^2/\text{NDF}: 838.6/23$

All: 11.222 ± 0.347 $\chi^2/\text{NDF}: 1591.6/47$

- sign 10.098 ± 0.509 $\chi^2/\text{NDF}: 743.9/23$

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 χ^2/NDF : 12570.1/16

Left Out: -45.420 ± 0.033 χ^2/NDF : 44405.5/6

Right Out: -41.144 ± 0.039 χ^2/NDF : 12218.7/18

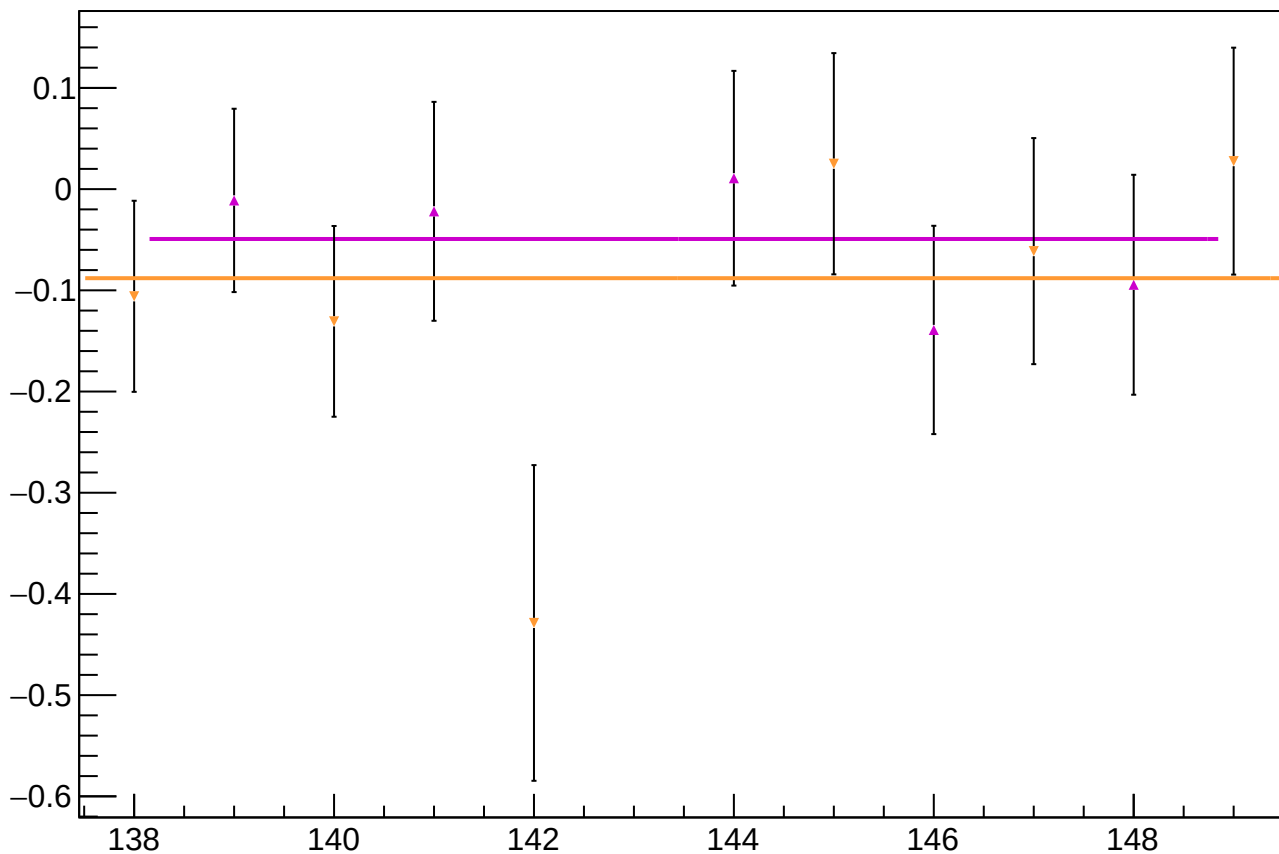
Left In: -43.624 ± 0.035 χ^2/NDF : 30881.7/4

+ sign -43.689 ± 0.025 χ^2/NDF : 63772.0/23

All: -43.120 ± 0.018 χ^2/NDF : 110219.7/47

- sign -42.496 ± 0.026 χ^2/NDF : 45349.4/23

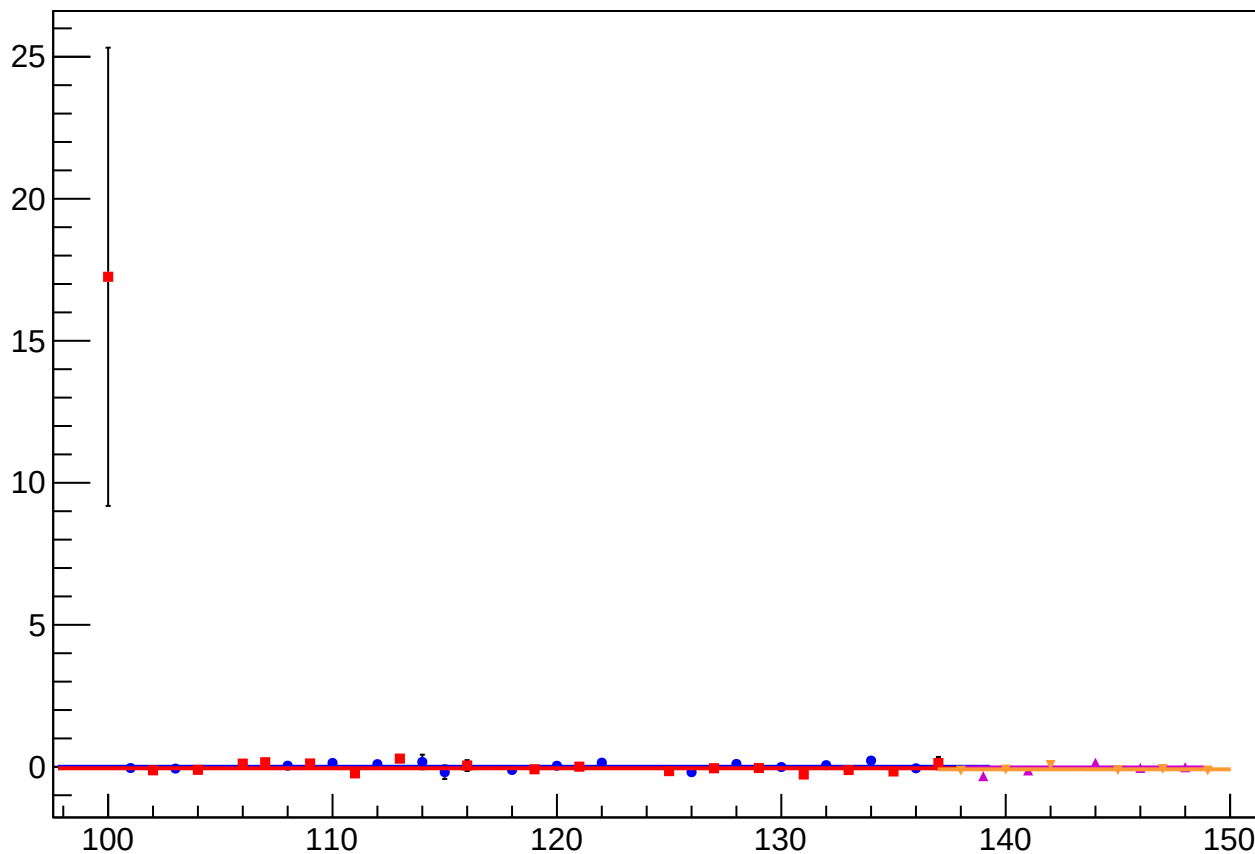
reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.088 $\pm$ 0.044 χ^2 /NDF: 7.2/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.049 $\pm$ 0.046 χ^2 /NDF: 1.5/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.069 $\pm$ 0.032 χ^2 /NDF: 9.1/10
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.087 ± 0.031 χ^2/NDF : 3.1/5

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

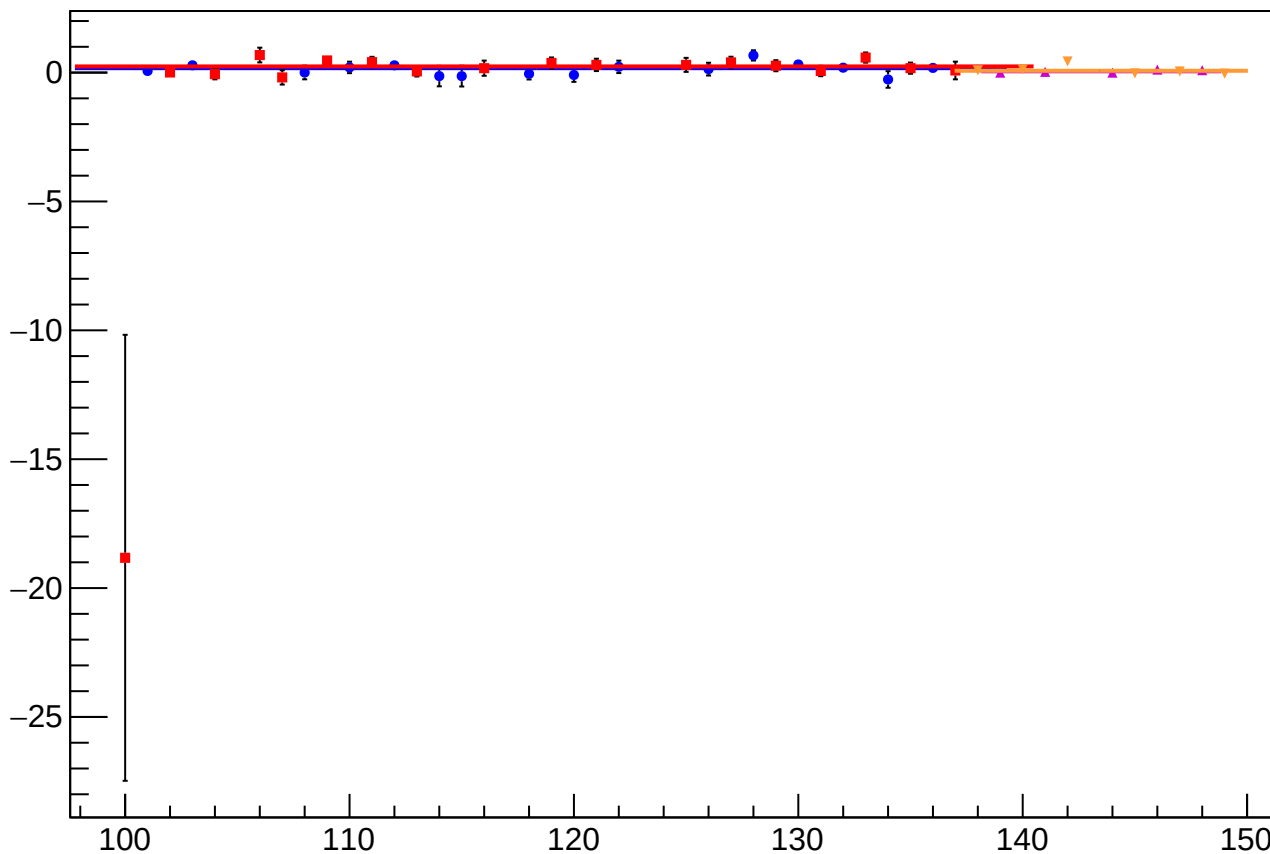
Left In: -0.022 ± 0.032 χ^2/NDF : 10.2/4

+ sign -0.038 ± 0.021 χ^2/NDF : 20.1/21

All: -0.038 ± 0.015 χ^2/NDF : 56.5/44

- 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: 0.070 $\pm$ 0.045 χ^2 /NDF: 7.0/5

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

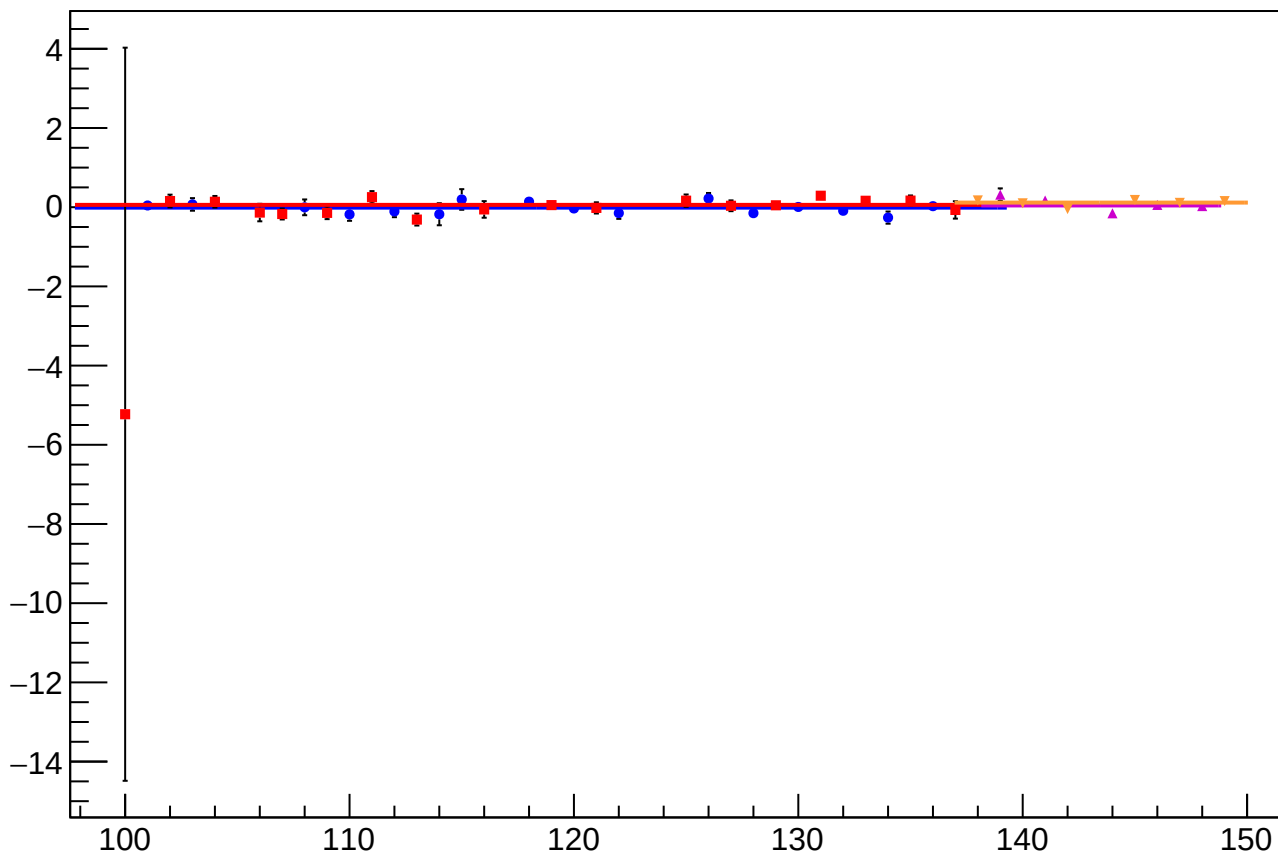
Left In: 0.050 $\pm$ 0.047 χ^2 /NDF: 1.2/4

+ sign 0.113 $\pm$ 0.034 χ^2 /NDF: 22.8/21

All: 0.122 $\pm$ 0.025 χ^2 /NDF: 52.9/44

- 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: 0.116 ± 0.039 χ^2/NDF : 2.7/5

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

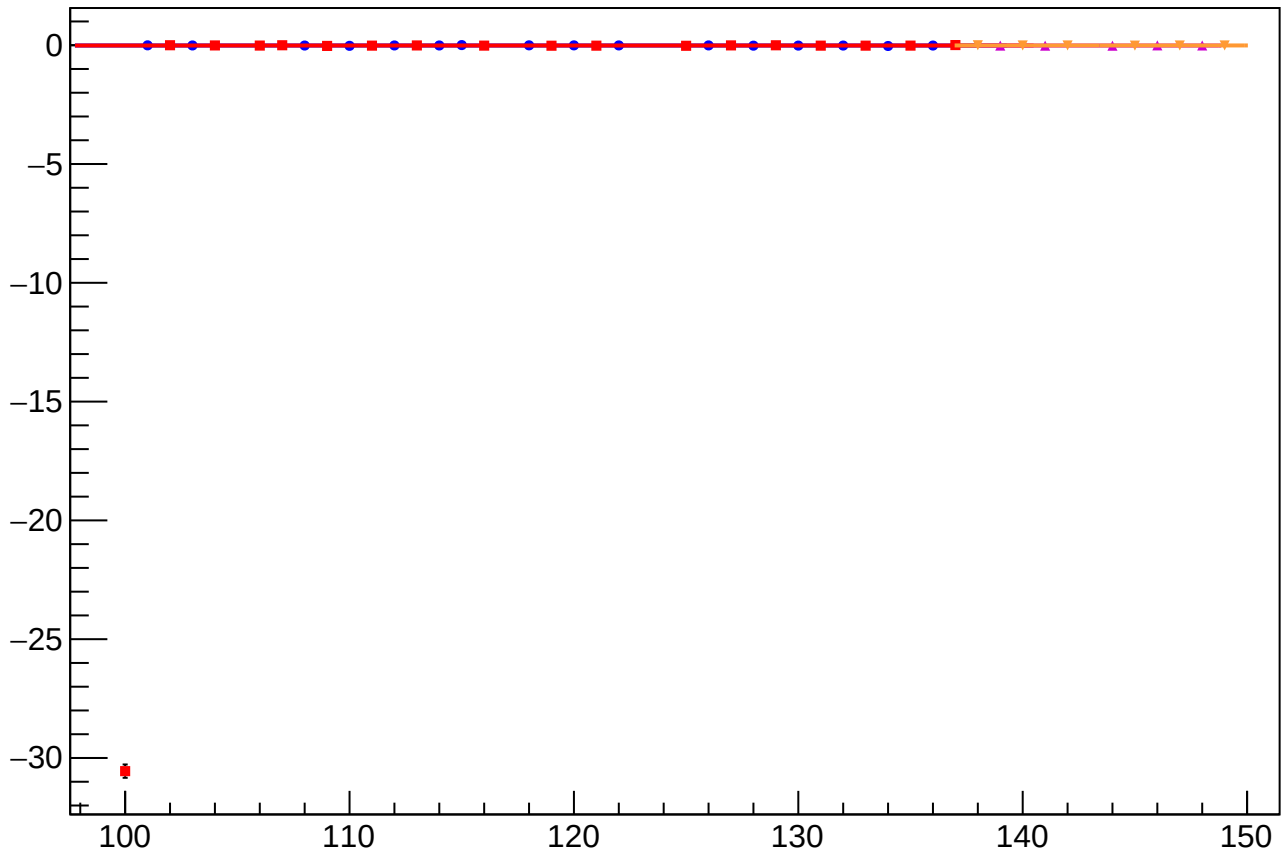
Left In: 0.044 ± 0.040 χ^2/NDF : 9.7/4

+ sign 0.042 ± 0.025 χ^2/NDF : 22.8/21

All: 0.047 ± 0.018 χ^2/NDF : 53.3/44

- sign 0.053 ± 0.026 χ^2/NDF : 30.4/22

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.010 $\pm$ 0.002 χ^2 /NDF: 7.1/5

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

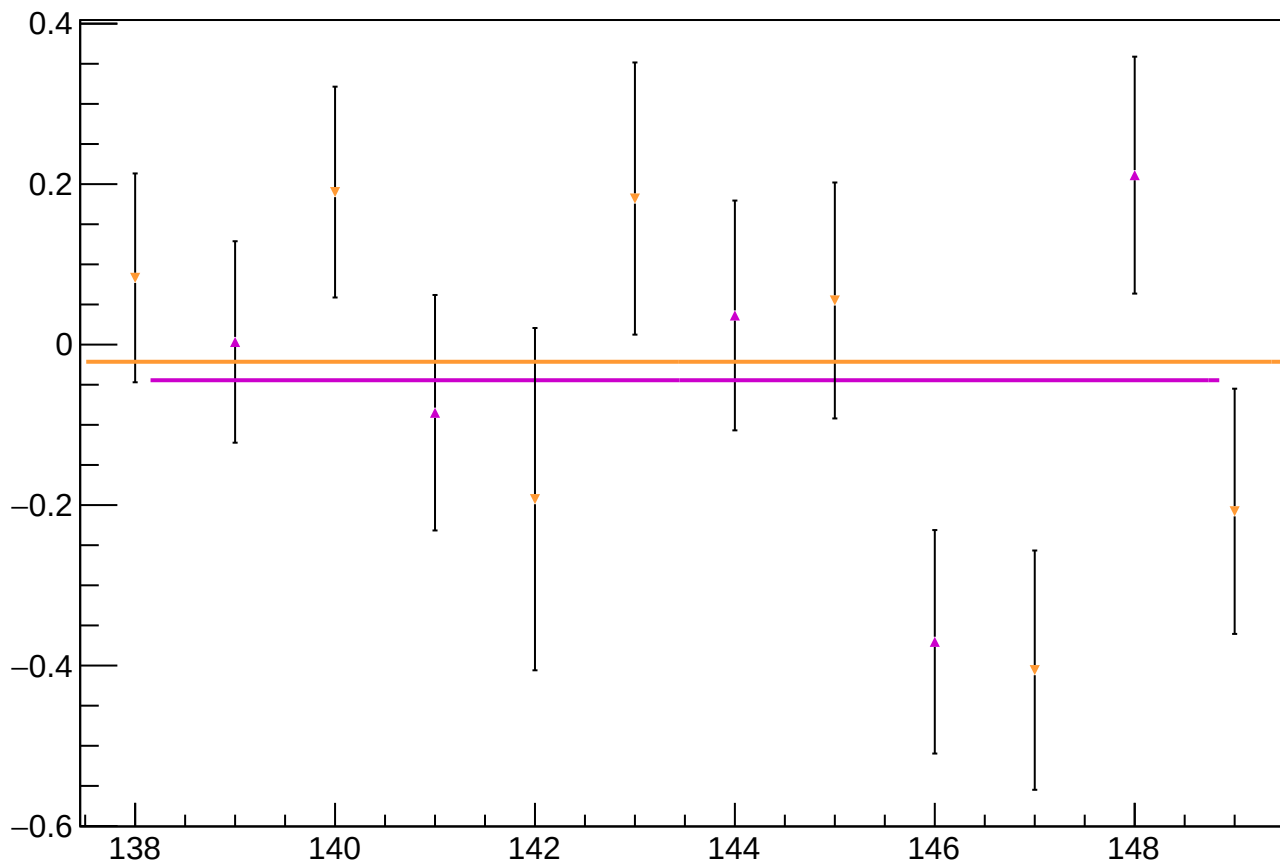
Left In: -0.014 $\pm$ 0.002 χ^2 /NDF: 5.8/4

+ sign -0.011 $\pm$ 0.001 χ^2 /NDF: 20.8/21

All: -0.012 $\pm$ 0.001 χ^2 /NDF: 11920.1/44

- sign -0.013 $\pm$ 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: -0.021 $\pm$ 0.057 χ^2 /NDF:13.7/6

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

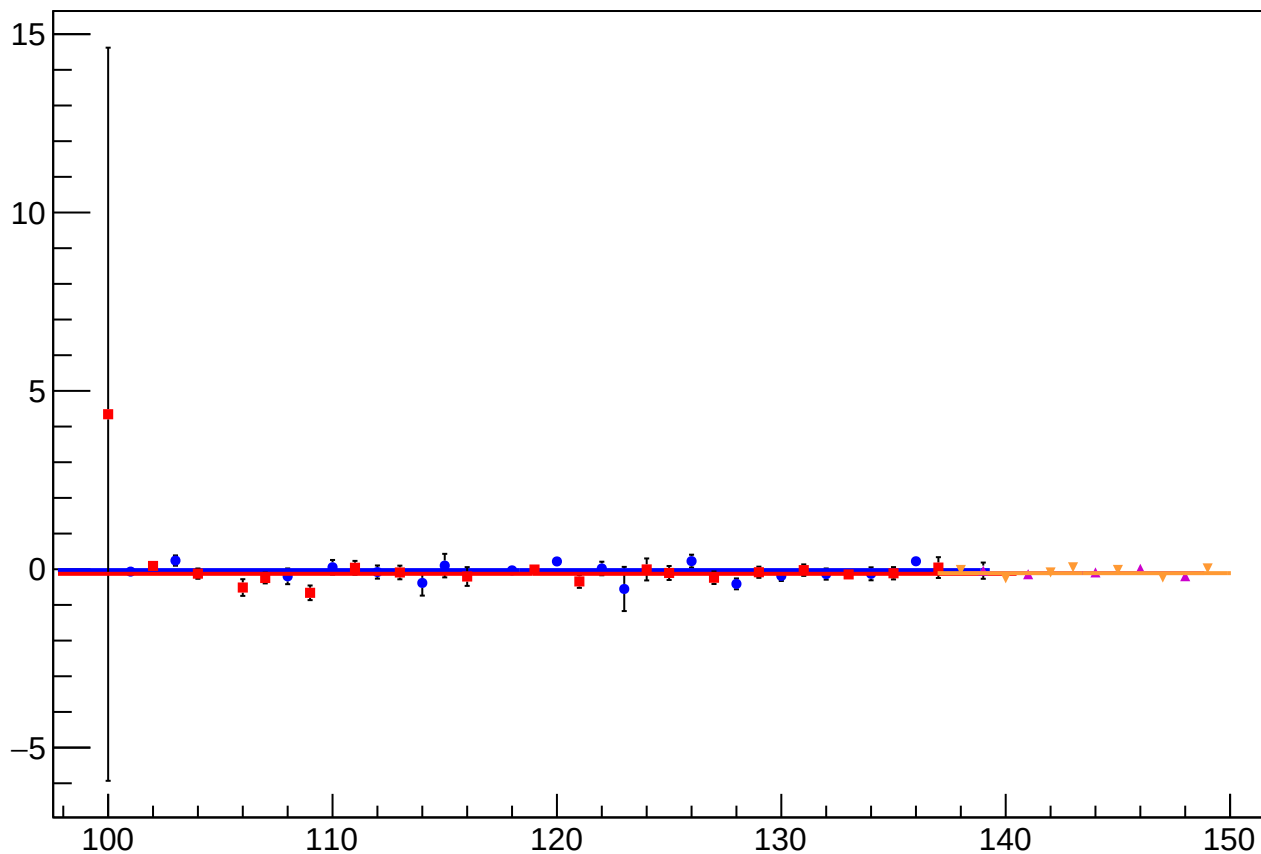
Left In: -0.044 $\pm$ 0.062 χ^2 /NDF:9.0/4

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

All: -0.032 $\pm$ 0.042 χ^2 /NDF: 22.8/11

- 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: -0.109 ± 0.040 χ^2/NDF : 9.5/6

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

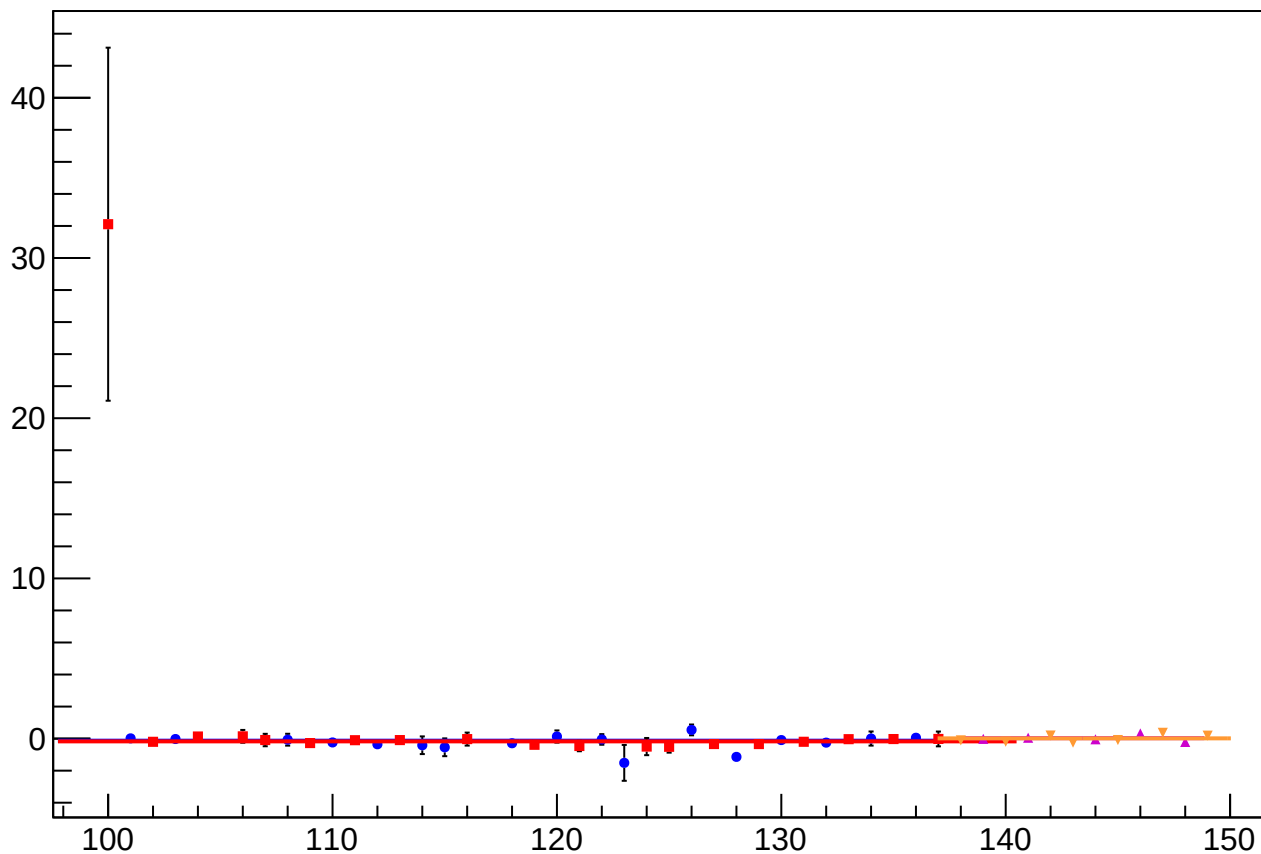
Left In: -0.106 ± 0.043 χ^2/NDF : 3.8/4

+ sign -0.063 ± 0.027 χ^2/NDF : 35.3/23

All: -0.089 ± 0.020 χ^2/NDF : 58.8/47

- 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: 0.016 ± 0.058 χ^2/NDF : 13.9/6

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

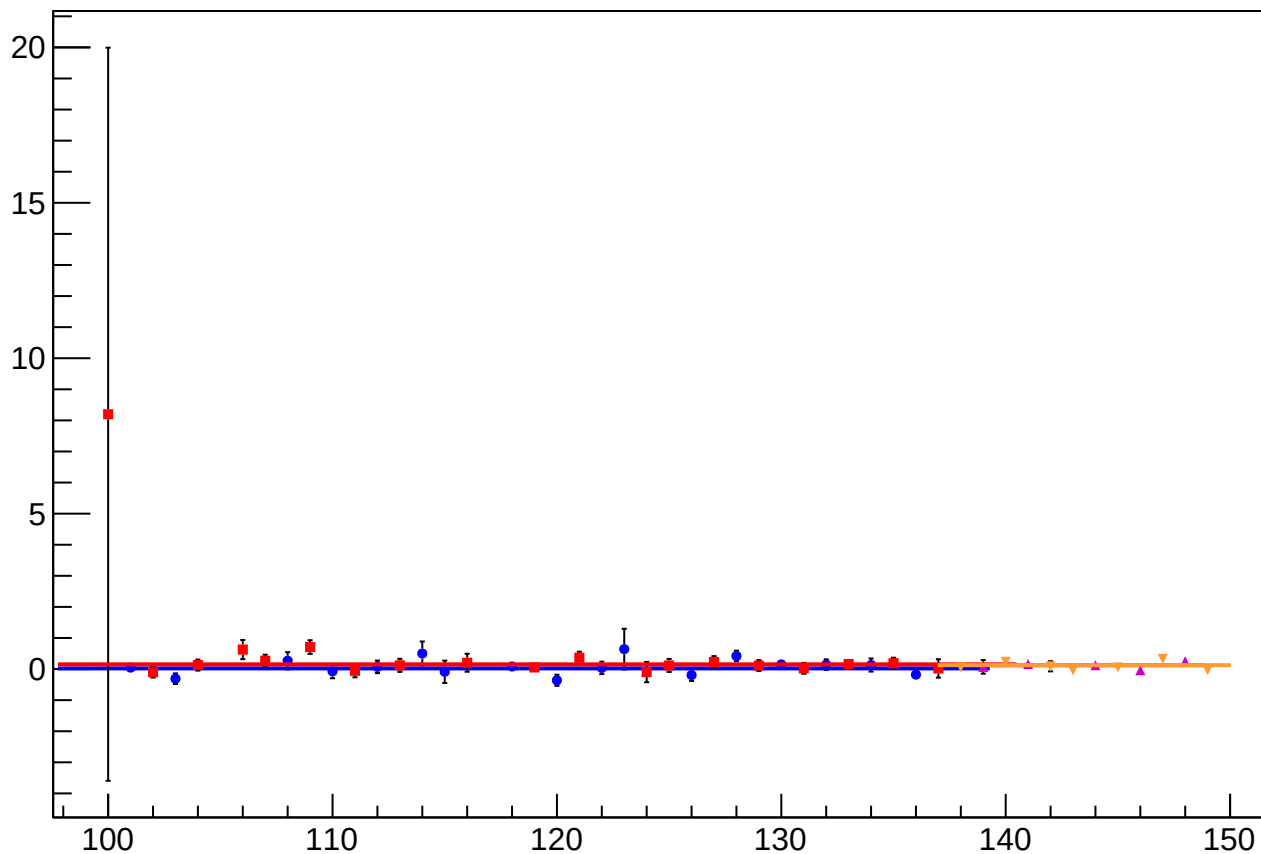
Left In: 0.029 ± 0.064 χ^2/NDF : 8.2/4

+ sign -0.047 ± 0.044 χ^2/NDF : 40.3/23

All: -0.053 ± 0.032 χ^2/NDF : 67.9/47

- 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: 0.126 ± 0.049 χ^2/NDF : 8.7/6

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

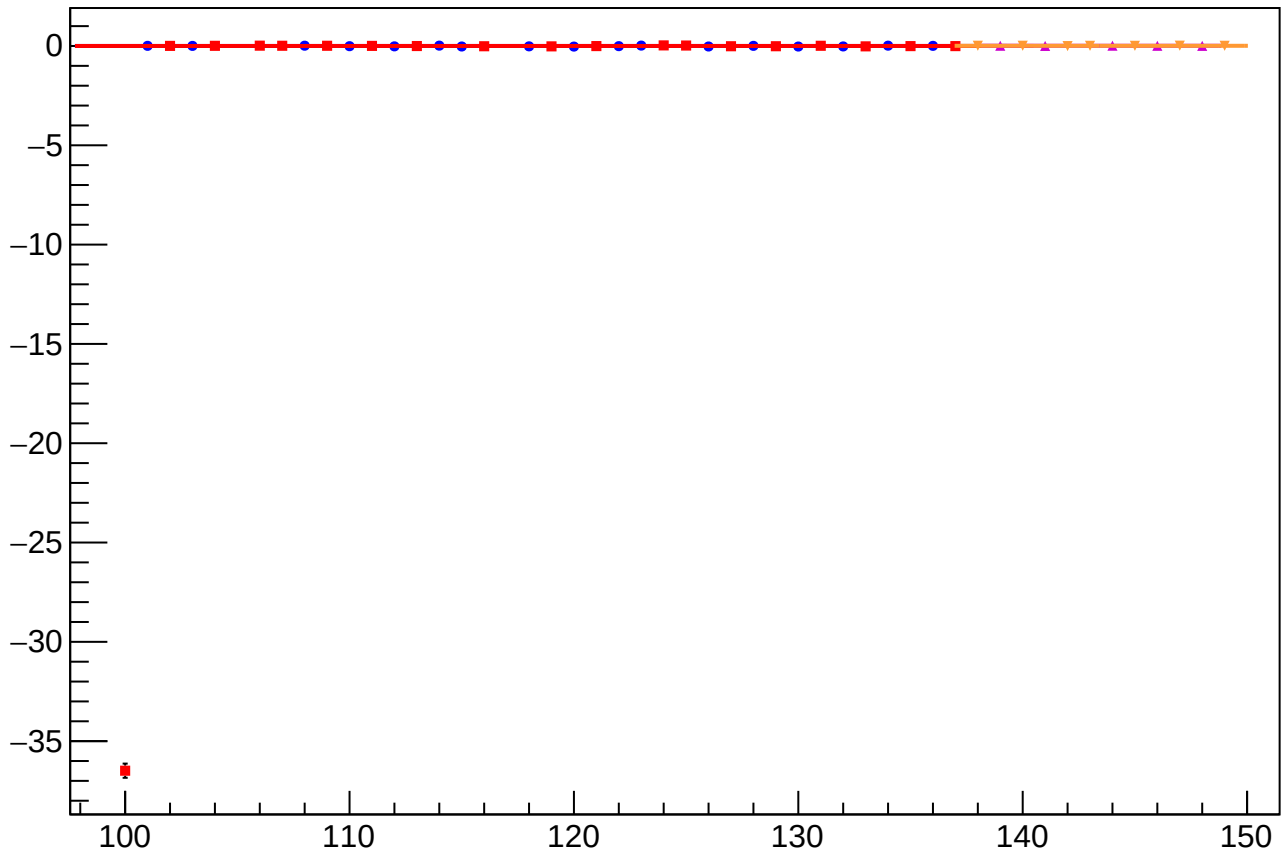
Left In: 0.123 ± 0.054 χ^2/NDF : 4.2/4

+ sign 0.065 ± 0.032 χ^2/NDF : 33.8/23

All: 0.100 ± 0.024 χ^2/NDF : 56.9/47

- 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 $\pm$ 0.002 χ^2 /NDF: 4.3/6

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

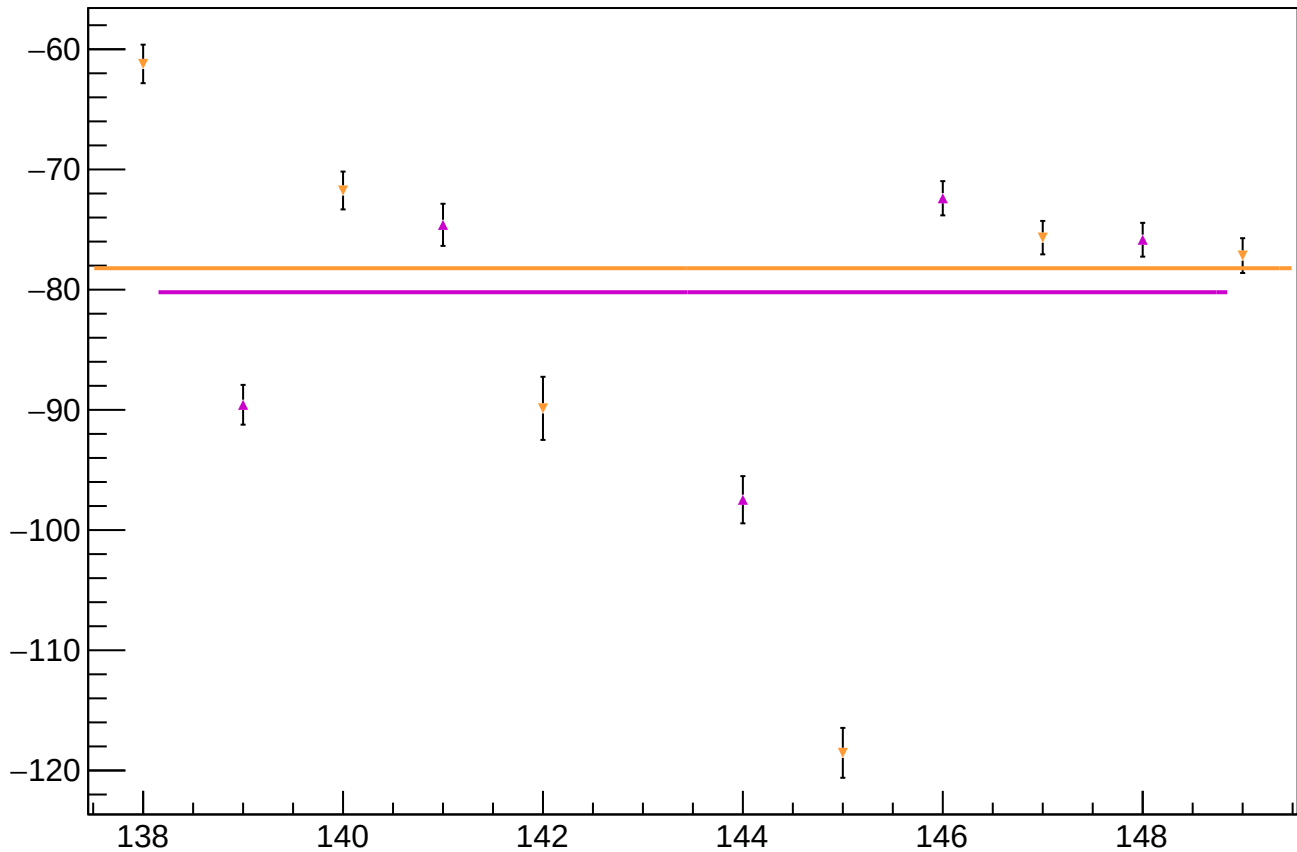
Left In: 0.010 $\pm$ 0.003 χ^2 /NDF: 2.3/4

+ sign 0.005 $\pm$ 0.002 χ^2 /NDF: 43.6/23

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 10502.2/47

- 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: -78.216+/-0.680 χ^2/NDF : 530.4/5

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

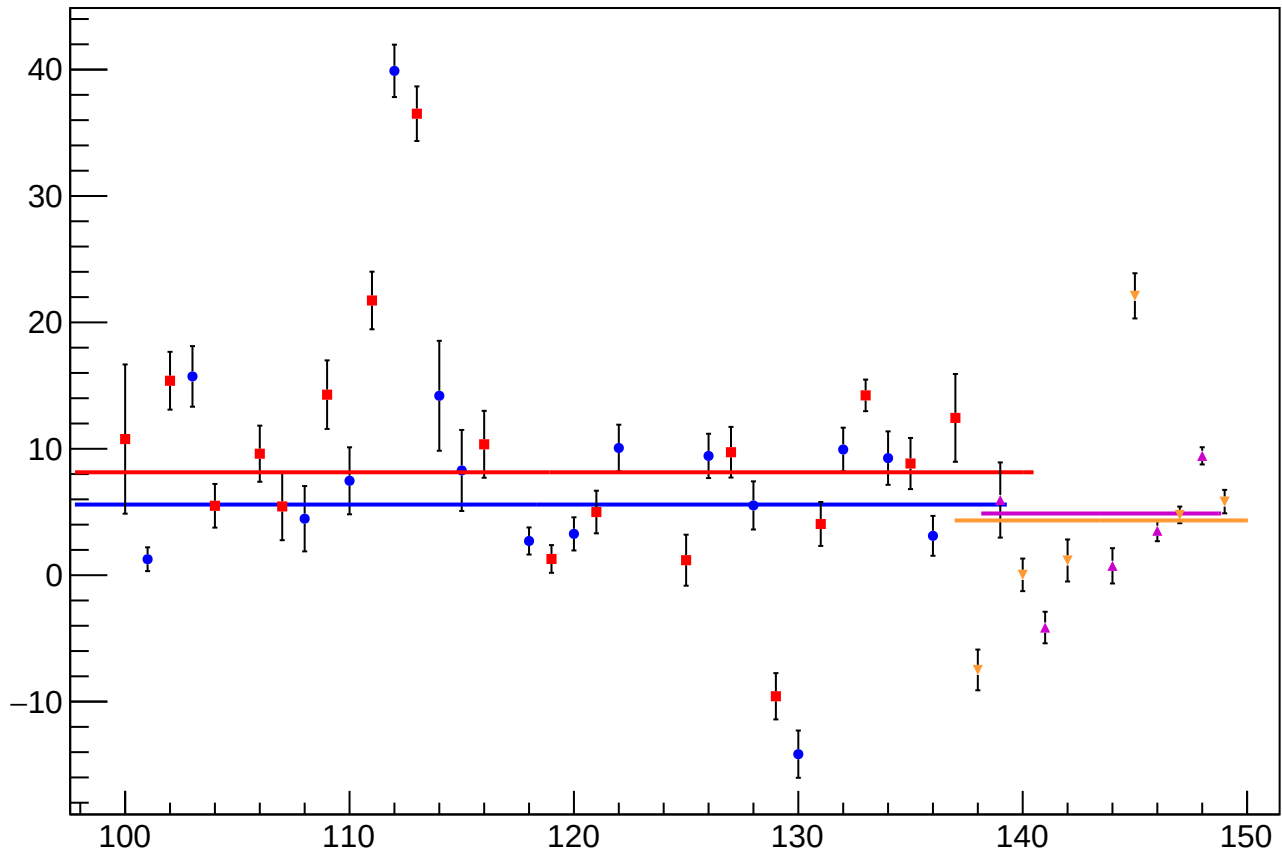
Left In: -80.213+/-0.716 χ^2/NDF : 159.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.162+/-0.493 χ^2/NDF : 693.8/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 4.332 ± 0.442 χ^2/NDF : 170.4/5

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

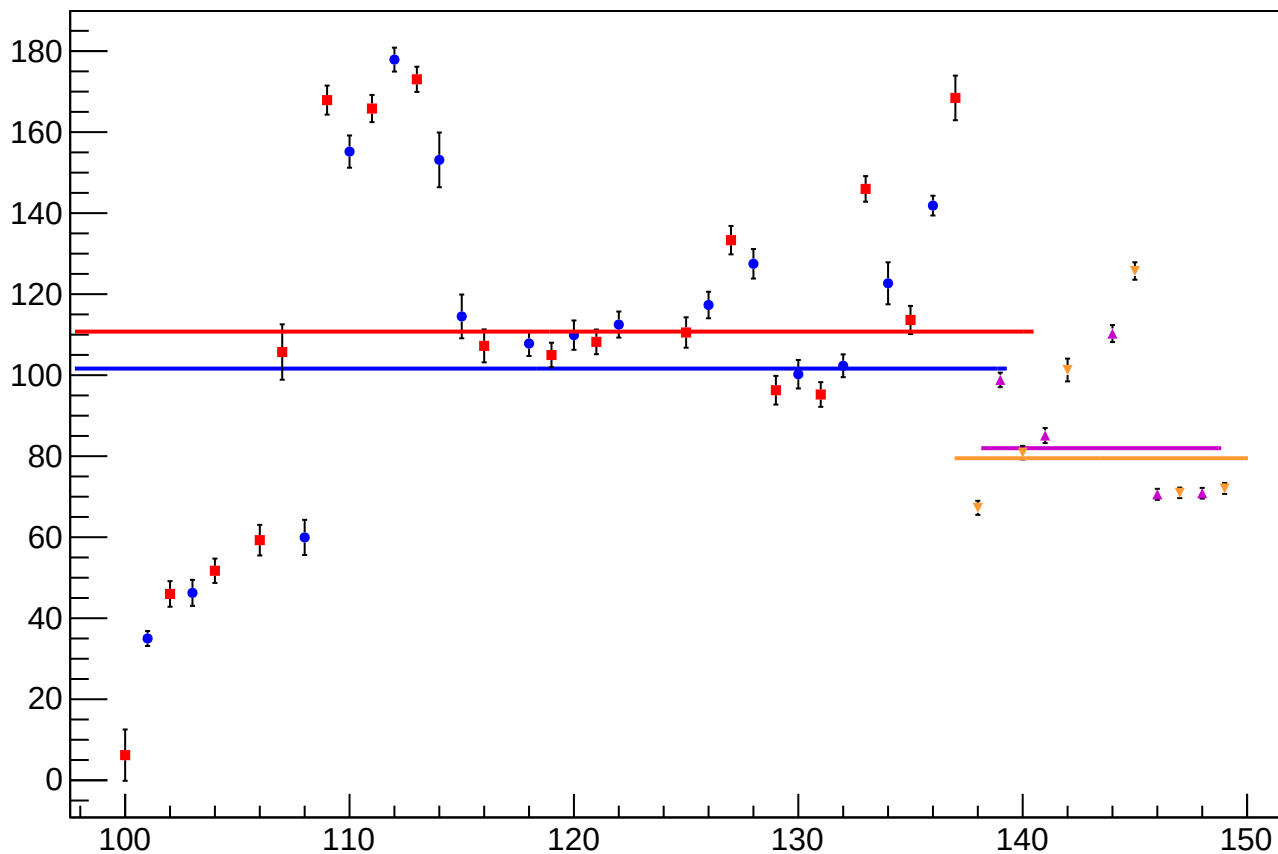
Left In: 4.883 ± 0.452 χ^2/NDF : 108.6/4

+ sign 4.987 ± 0.306 χ^2/NDF : 637.4/21

All: 5.712 ± 0.221 χ^2/NDF : 1191.5/44

- 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: 79.497 $\pm$ 0.679 χ^2 /NDF:644.4/5

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

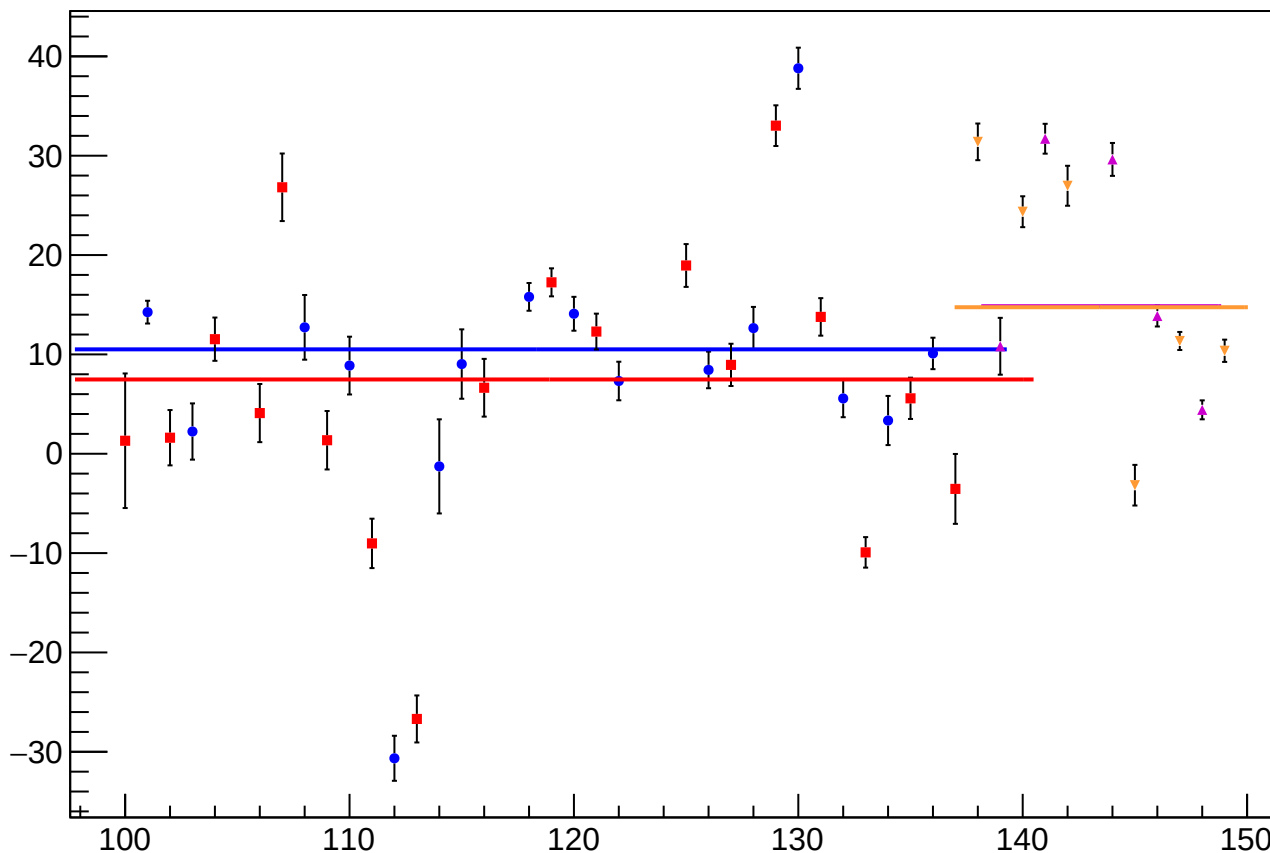
Left In: 81.980 $\pm$ 0.717 χ^2 /NDF:414.1/4

+ sign 88.671 $\pm$ 0.520 χ^2 /NDF: 4063.8/21

All: 91.297 $\pm$ 0.376 χ^2 /NDF: 7726.6/44

- 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 $\pm$ 0.492 χ^2/NDF : 581.5/15

Left Out: 14.748 $\pm$ 0.559 χ^2/NDF : 262.4/5

Right Out: 7.477 $\pm$ 0.524 χ^2/NDF : 689.3/17

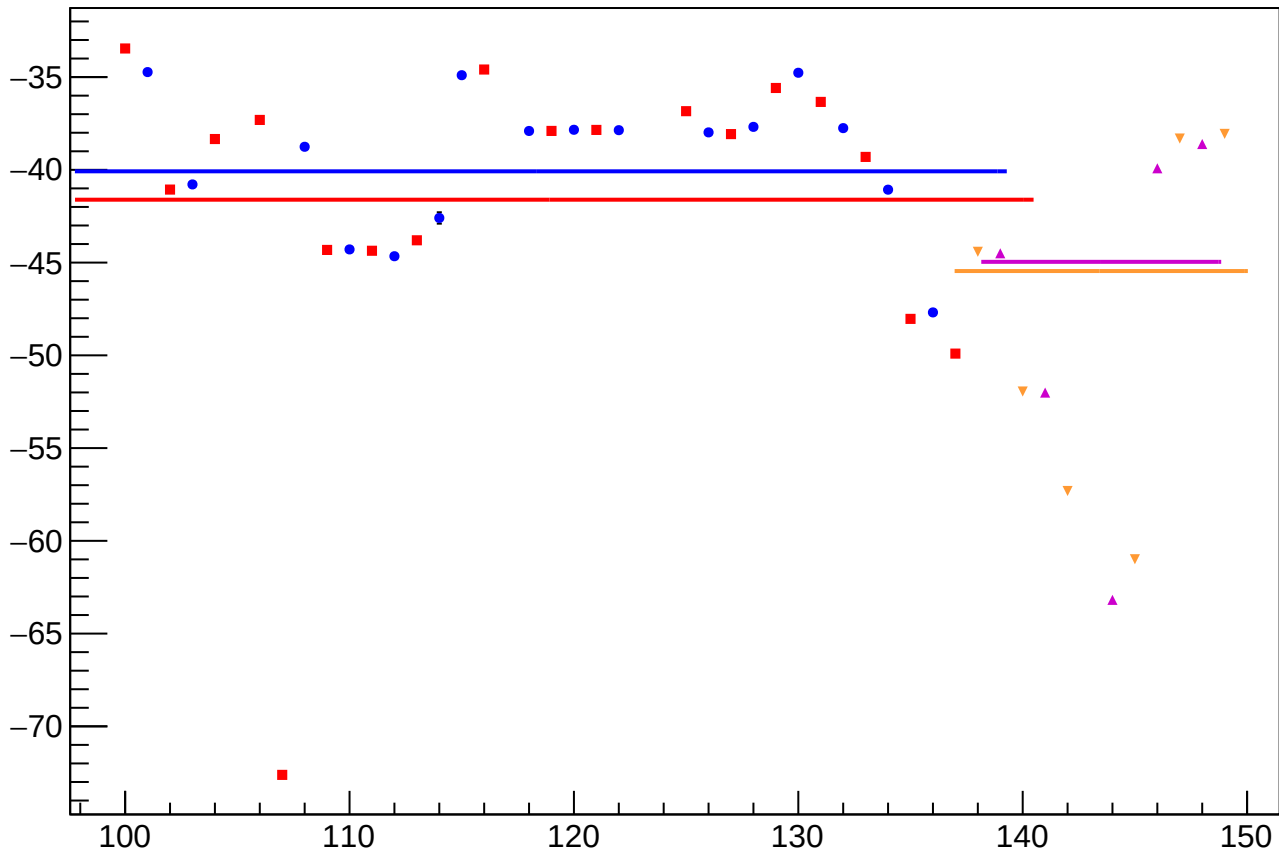
Left In: 14.855 $\pm$ 0.585 χ^2/NDF : 327.9/4

+ sign 12.359 $\pm$ 0.369 χ^2/NDF : 876.4/21

All: 11.604 $\pm$ 0.268 χ^2/NDF : 1990.7/44

- sign 10.762 $\pm$ 0.390 χ^2/NDF : 1105.5/22

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 $\pm$ 0.028 χ^2 /NDF: 25123.9/15

Left Out: -45.456 $\pm$ 0.029 χ^2 /NDF: 81716.7/5

Right Out: -41.609 $\pm$ 0.029 χ^2 /NDF: 61784.6/17

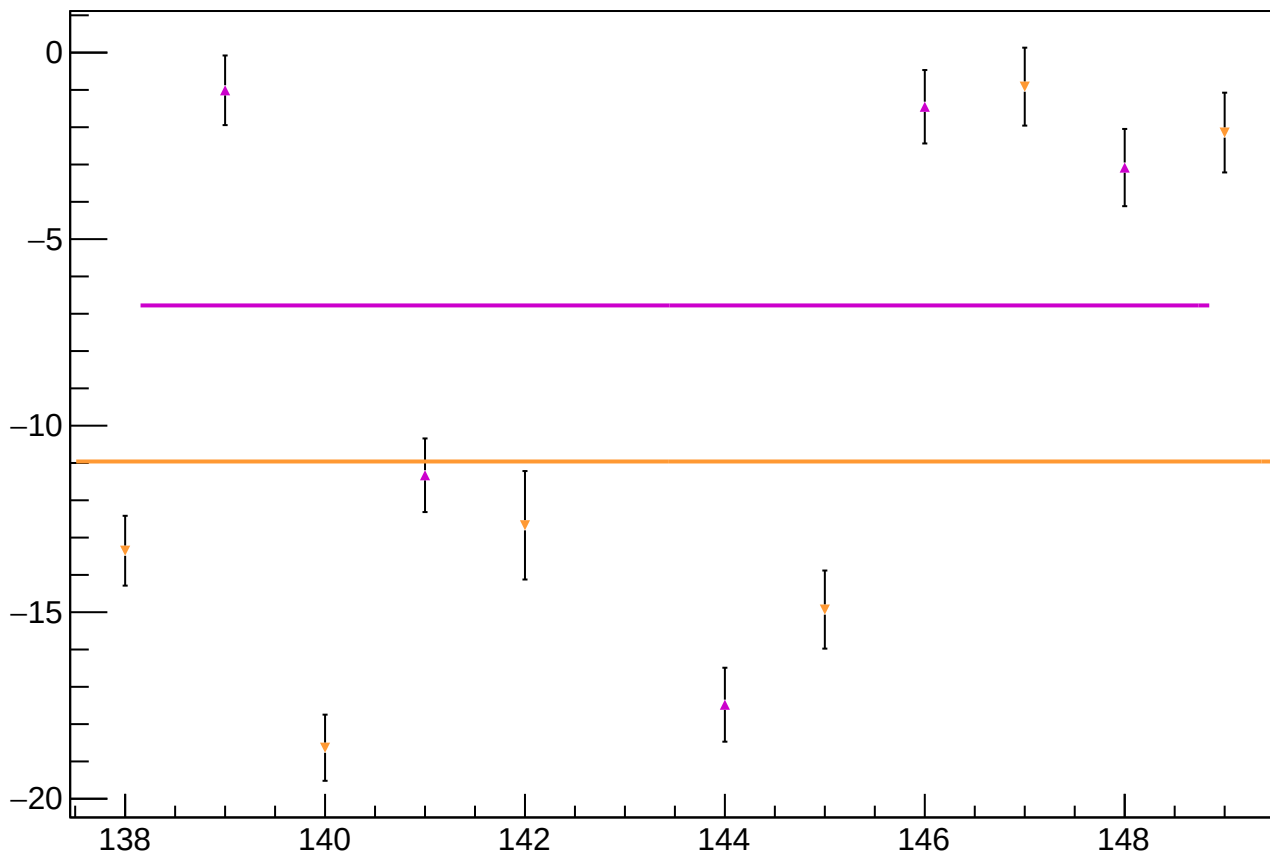
Left In: -44.959 $\pm$ 0.030 χ^2 /NDF: 67079.3/4

+ sign -42.672 $\pm$ 0.020 χ^2 /NDF: 124366.0/21

All: -42.933 $\pm$ 0.014 χ^2 /NDF: 260117.3/44

- sign -43.205 $\pm$ 0.021 χ^2 /NDF: 135411.7/22

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -10.960 $\pm$ 0.423 χ^2 /NDF: 257.7/5

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

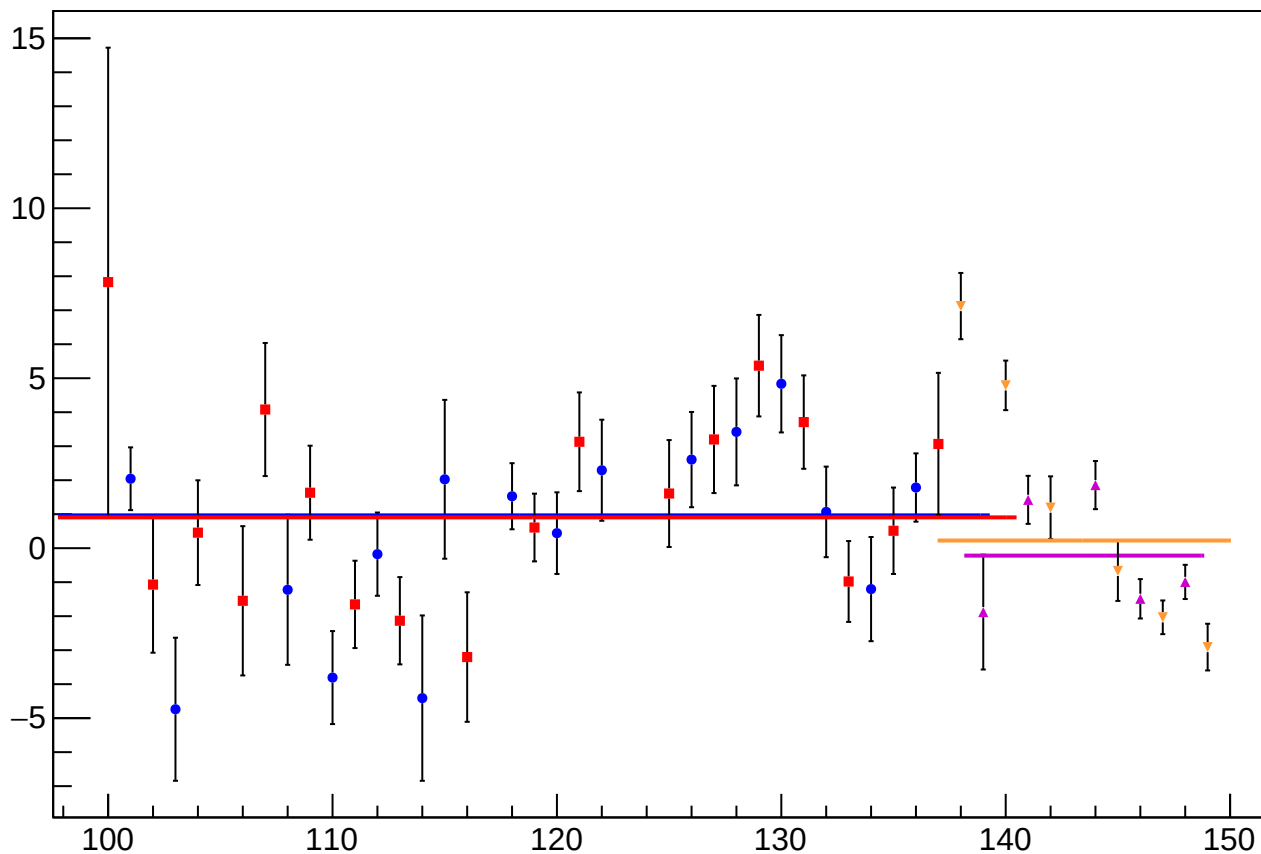
Left In: -6.777 $\pm$ 0.440 χ^2 /NDF: 218.1/4

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

All: -8.952 $\pm$ 0.305 χ^2 /NDF: 522.8/10

- sign 0.000 $\pm$ 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: 0.226 ± 0.294 χ^2/NDF : 133.0/5

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

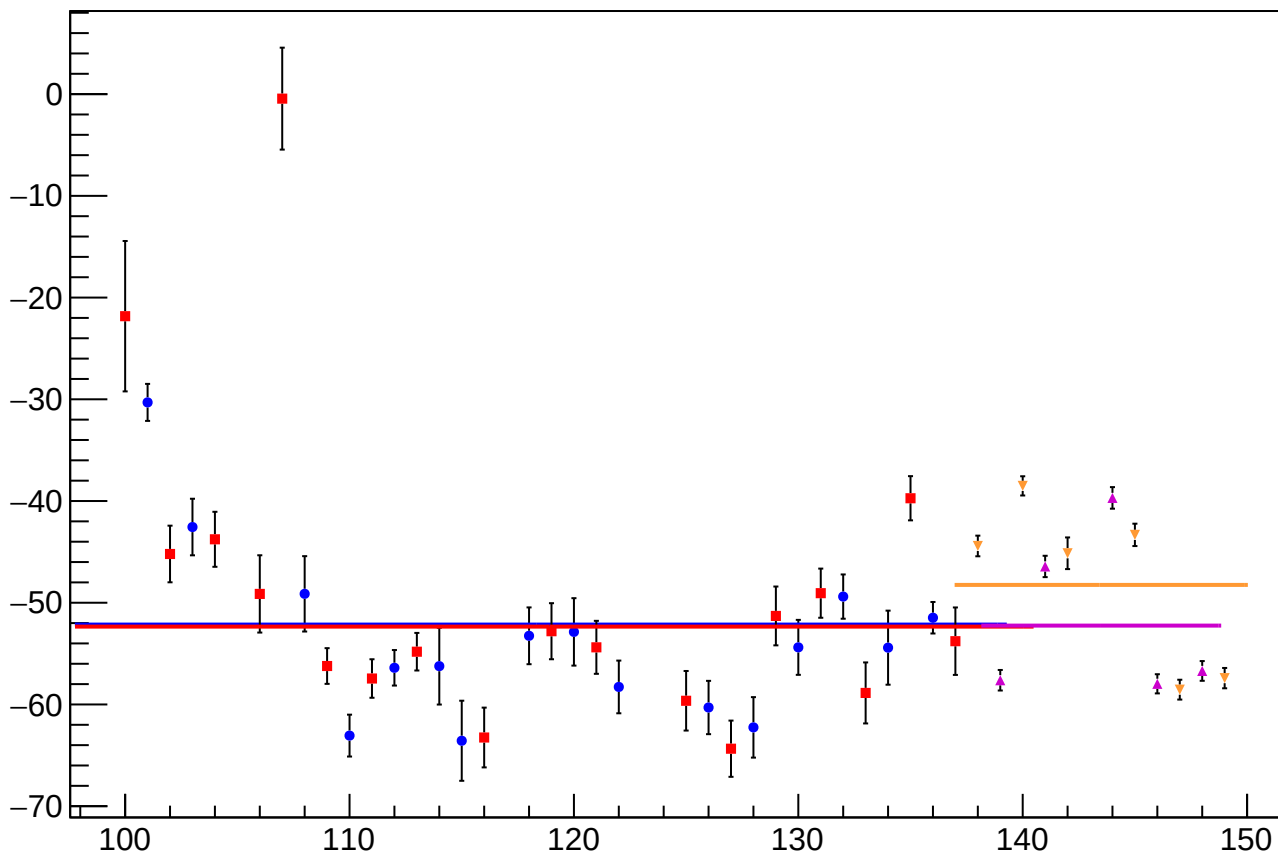
Left In: -0.218 ± 0.298 χ^2/NDF : 22.1/4

+ sign 0.544 ± 0.222 χ^2/NDF : 178.7/21

All: 0.400 ± 0.159 χ^2/NDF : 249.6/44

- 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: -48.247 ± 0.431 χ^2/NDF : 340.0/5

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

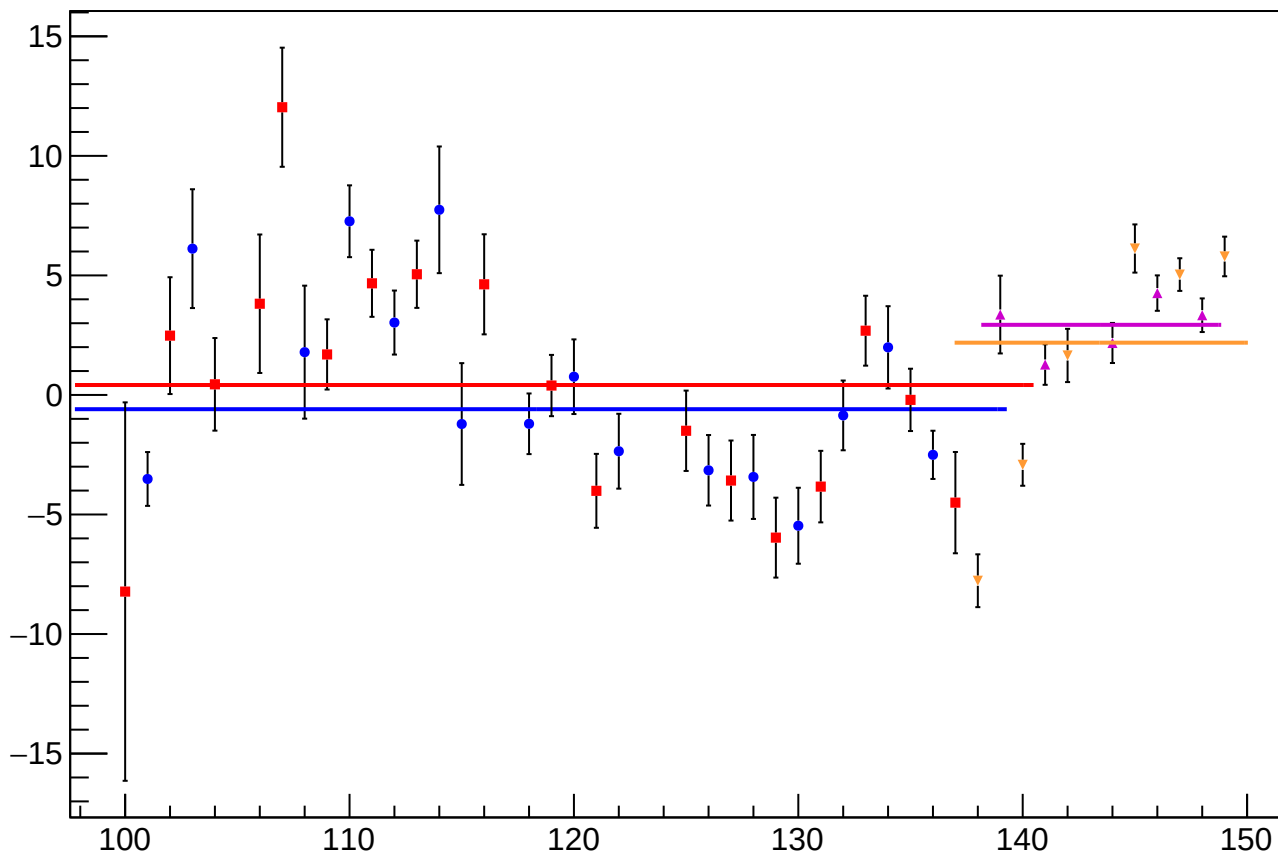
Left In: -52.247 ± 0.449 χ^2/NDF : 257.3/4

+ sign -49.540 ± 0.352 χ^2/NDF : 597.4/21

All: -50.872 ± 0.253 χ^2/NDF : 1119.8/44

- 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: 2.186 ± 0.365 χ^2/NDF : 167.0/5

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

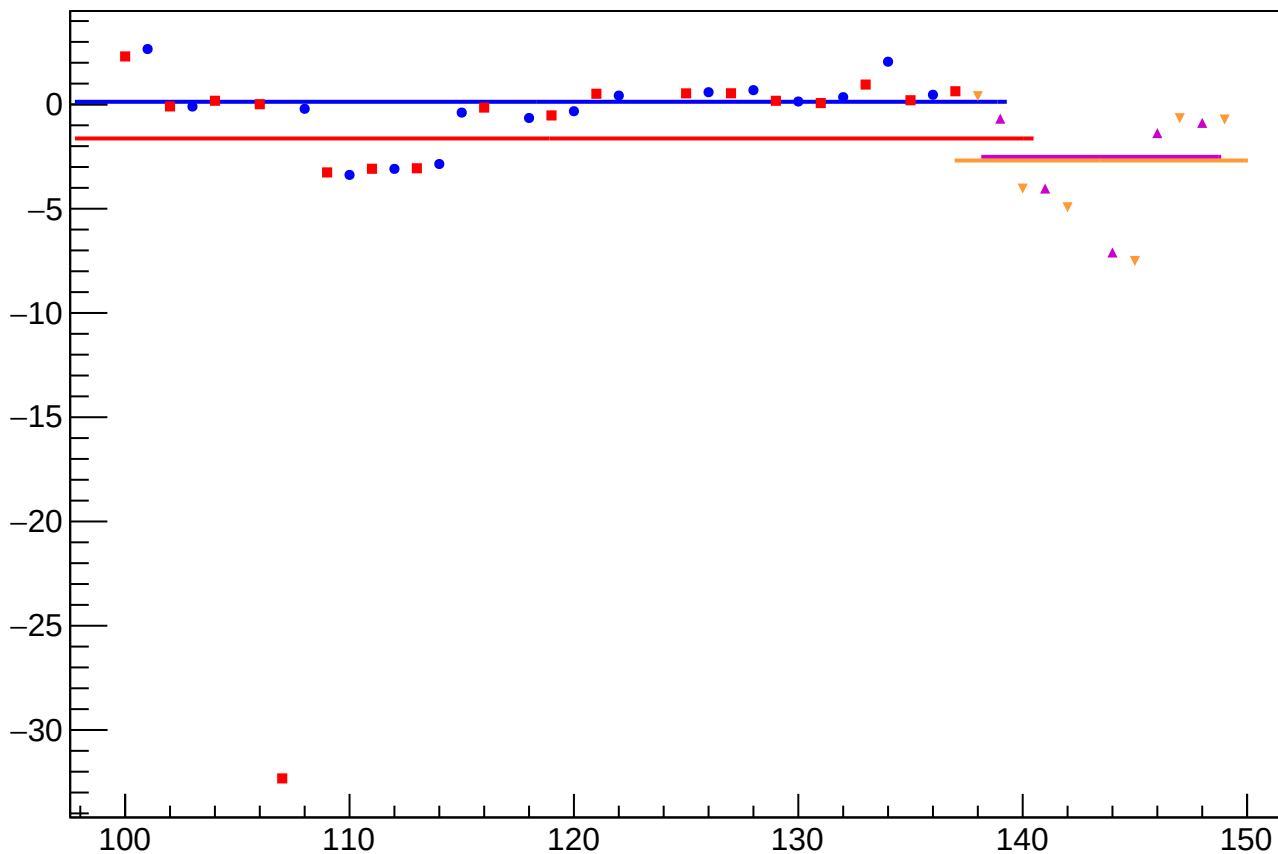
Left In: 2.933 ± 0.377 χ^2/NDF : 8.3/4

+ sign 0.866 ± 0.264 χ^2/NDF : 277.2/21

All: 1.291 ± 0.190 χ^2/NDF : 407.6/44

- sign 1.748 ± 0.274 χ^2/NDF : 125.0/22

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -2.688 ± 0.018 $\chi^2/\text{NDF}: 24851.9/5$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

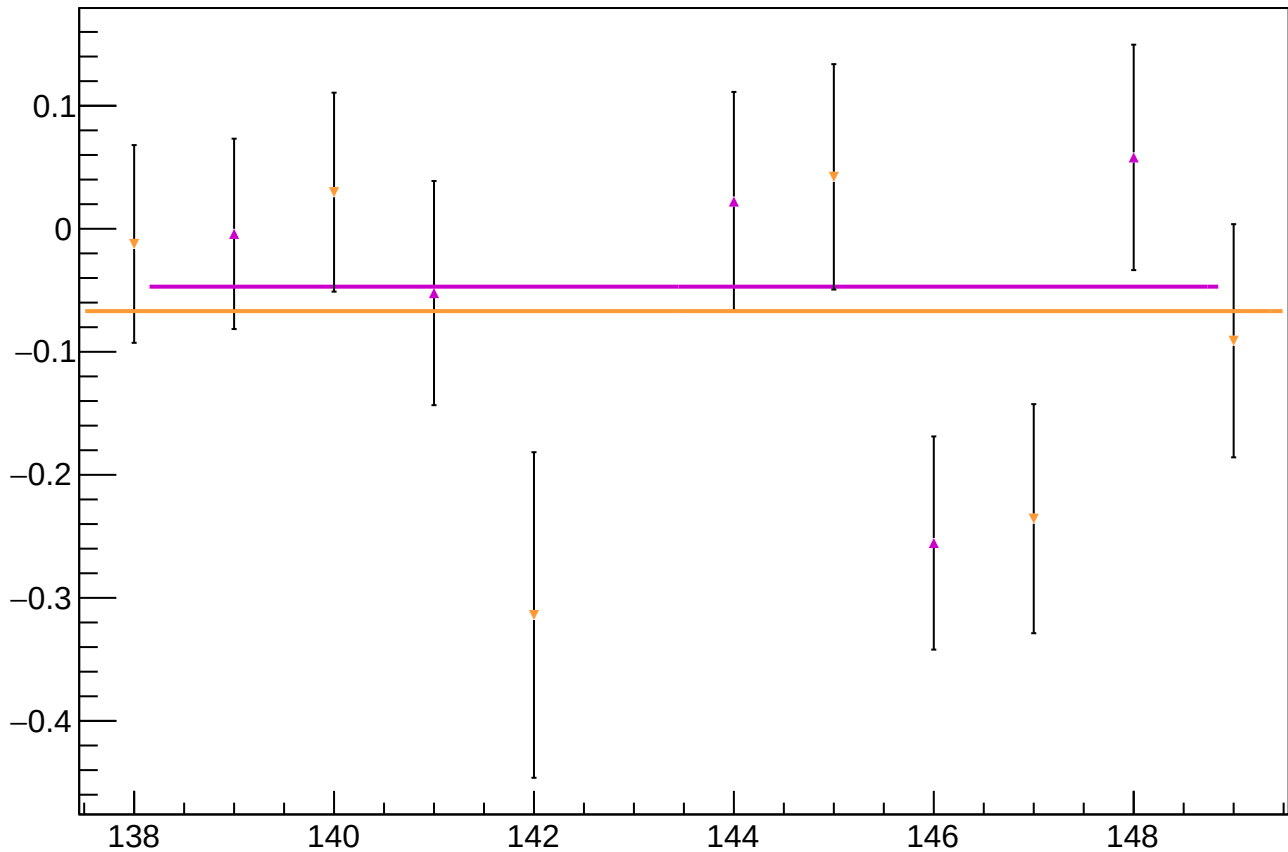
Left In: -2.514 ± 0.019 $\chi^2/\text{NDF}: 15945.1/4$

+ sign -1.514 ± 0.014 $\chi^2/\text{NDF}: 40111.0/21$

All: -1.824 ± 0.010 $\chi^2/\text{NDF}: 135901.9/44$

- sign -2.144 ± 0.014 $\chi^2/\text{NDF}: 94776.9/22$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.067 $\pm$ 0.038 χ^2 /NDF: 10.1/5

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

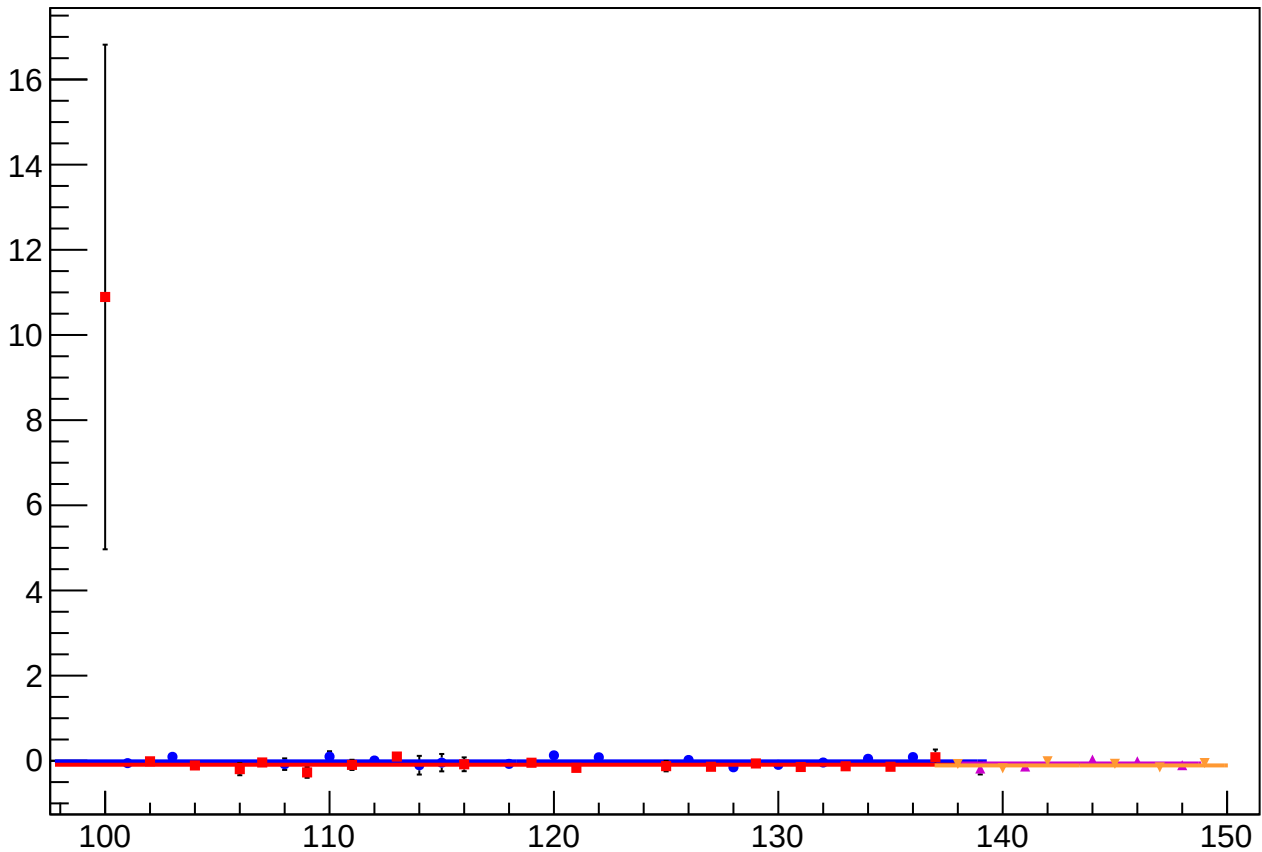
Left In: -0.047 $\pm$ 0.039 χ^2 /NDF: 8.0/4

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

All: -0.057 $\pm$ 0.027 χ^2 /NDF: 18.3/10

- 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: -0.109 ± 0.026 χ^2/NDF : 4.7/5

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

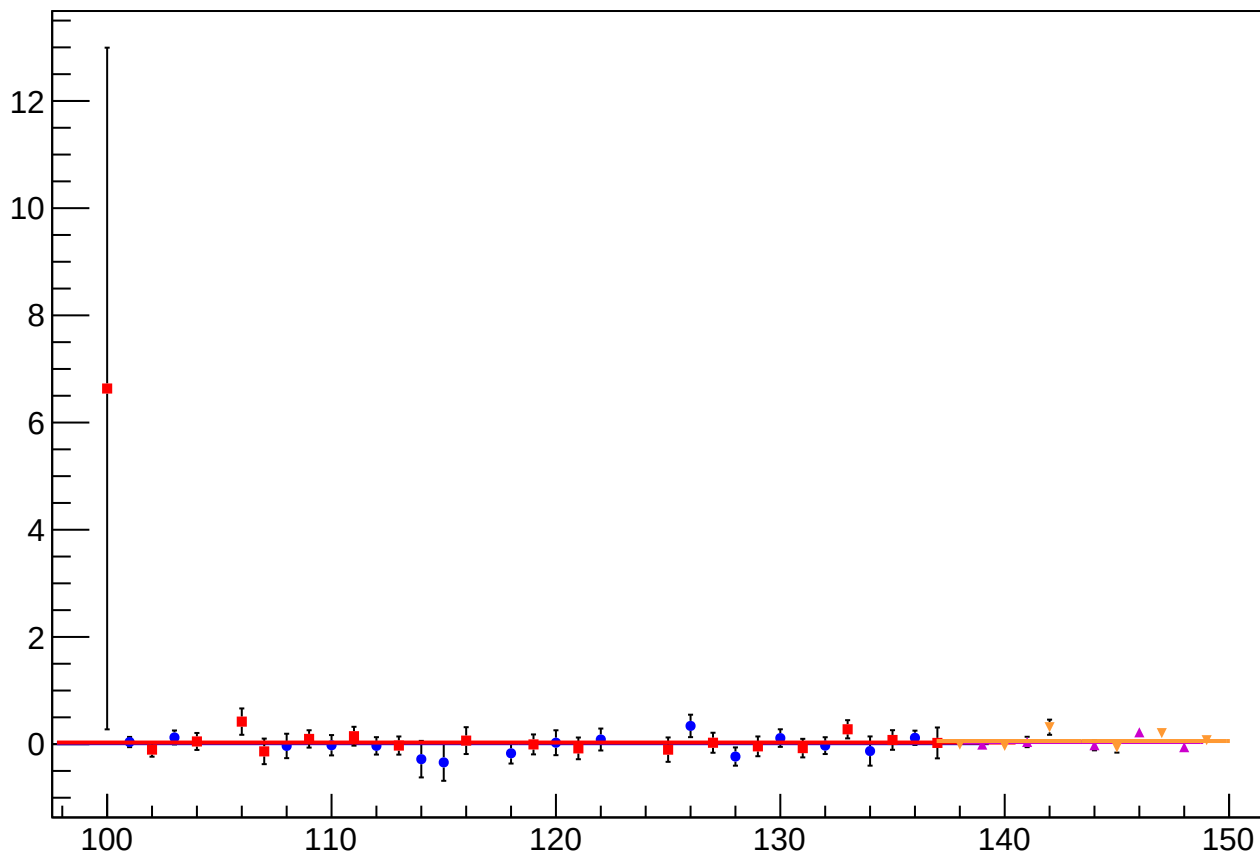
Left In: -0.063 ± 0.027 χ^2/NDF : 5.7/4

+ sign -0.055 ± 0.017 χ^2/NDF : 24.3/21

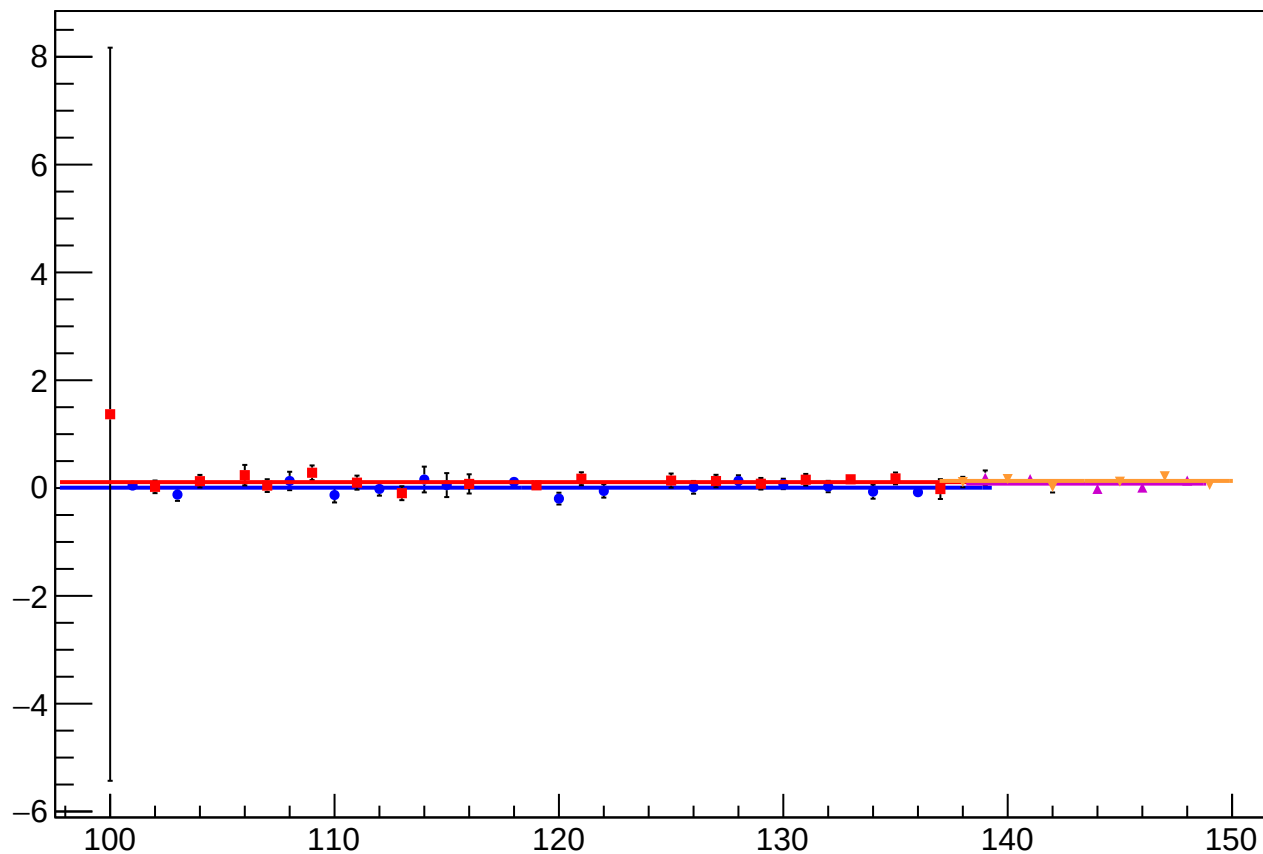
All: -0.066 ± 0.013 χ^2/NDF : 44.3/44

- sign -0.079 ± 0.018 χ^2/NDF : 19.1/22

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.132 ± 0.033 χ^2/NDF : 4.5/5

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

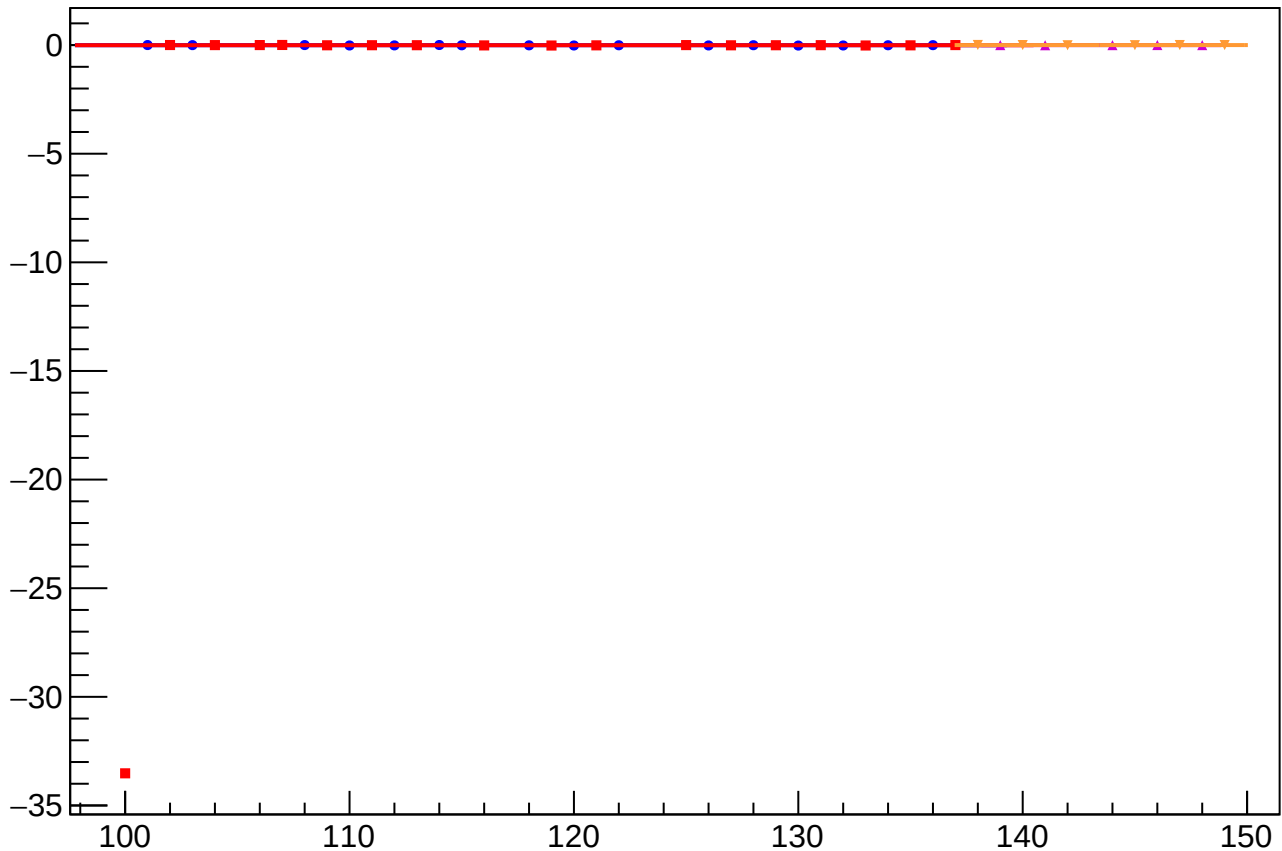
Left In: 0.082 ± 0.034 χ^2/NDF : 5.6/4

+ sign 0.058 ± 0.021 χ^2/NDF : 25.4/21

All: 0.077 ± 0.015 χ^2/NDF : 41.1/44

- 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 : 6.0/5

Right Out: -0.006+/-0.001 χ^2/NDF : 26508.9/17

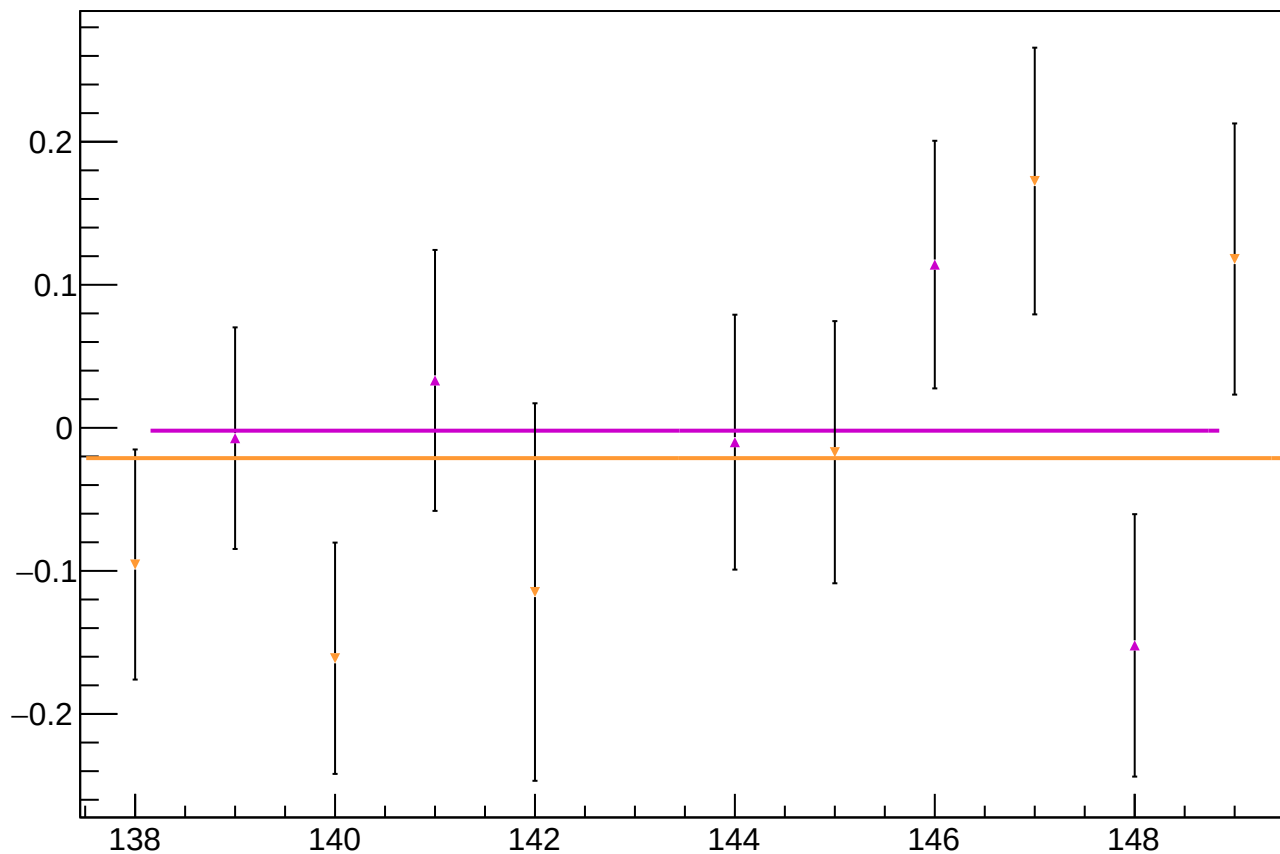
Left In: -0.002+/-0.002 χ^2/NDF : 3.0/4

+ sign -0.003+/-0.001 χ^2/NDF : 35.5/21

All: -0.003+/-0.001 χ^2/NDF : 26551.4/44

- 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: -0.021 $\pm$ 0.038 χ^2 /NDF: 10.8/5

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

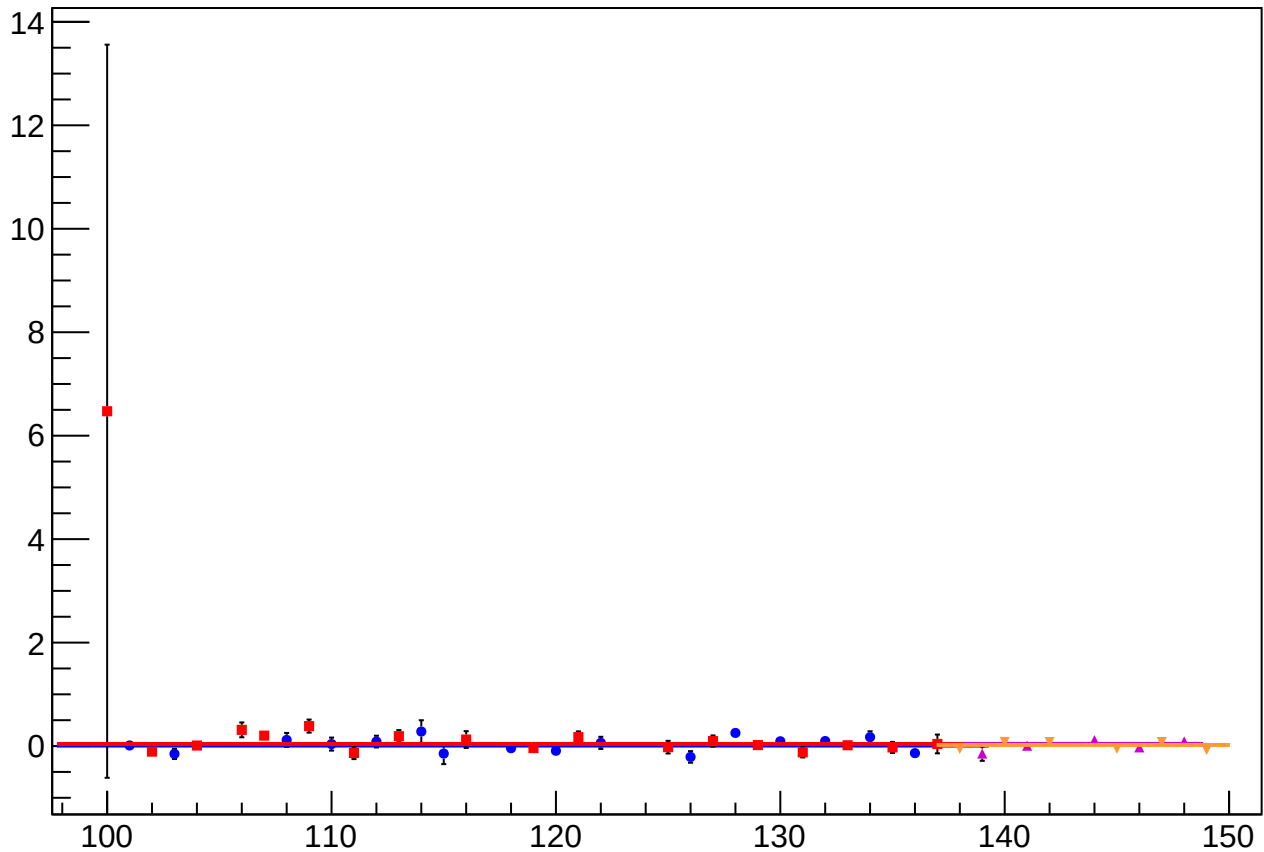
Left In: -0.002 $\pm$ 0.039 χ^2 /NDF: 4.6/4

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

All: -0.012 $\pm$ 0.027 χ^2 /NDF: 15.6/10

- 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 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: 0.022 $\pm$ 0.026 χ^2 /NDF: 7.1/5

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

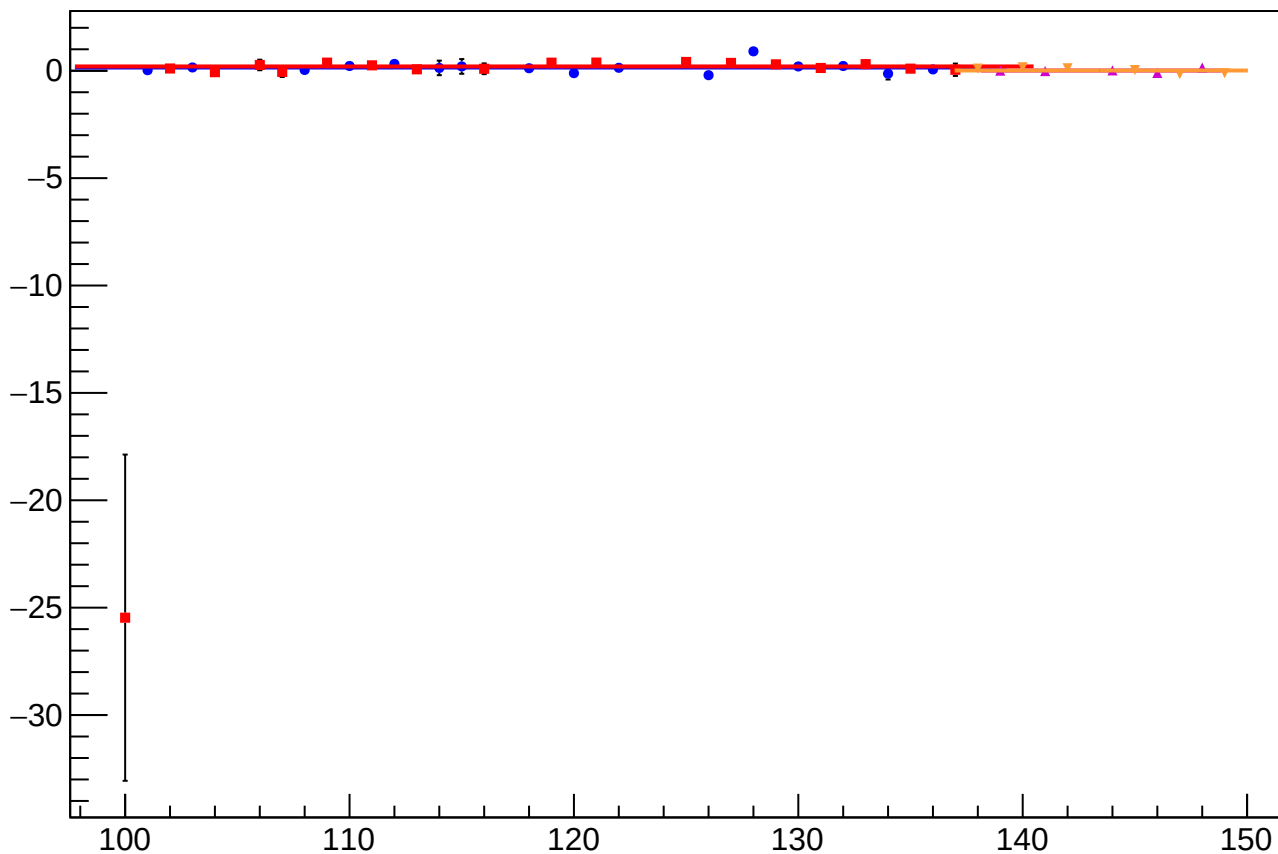
Left In: 0.042 $\pm$ 0.027 χ^2 /NDF: 6.3/4

+ sign 0.015 $\pm$ 0.017 χ^2 /NDF: 32.6/21

All: 0.028 $\pm$ 0.013 χ^2 /NDF: 67.9/44

- sign 0.041 $\pm$ 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: 0.012 ± 0.038 χ^2/NDF : 10.5/5

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

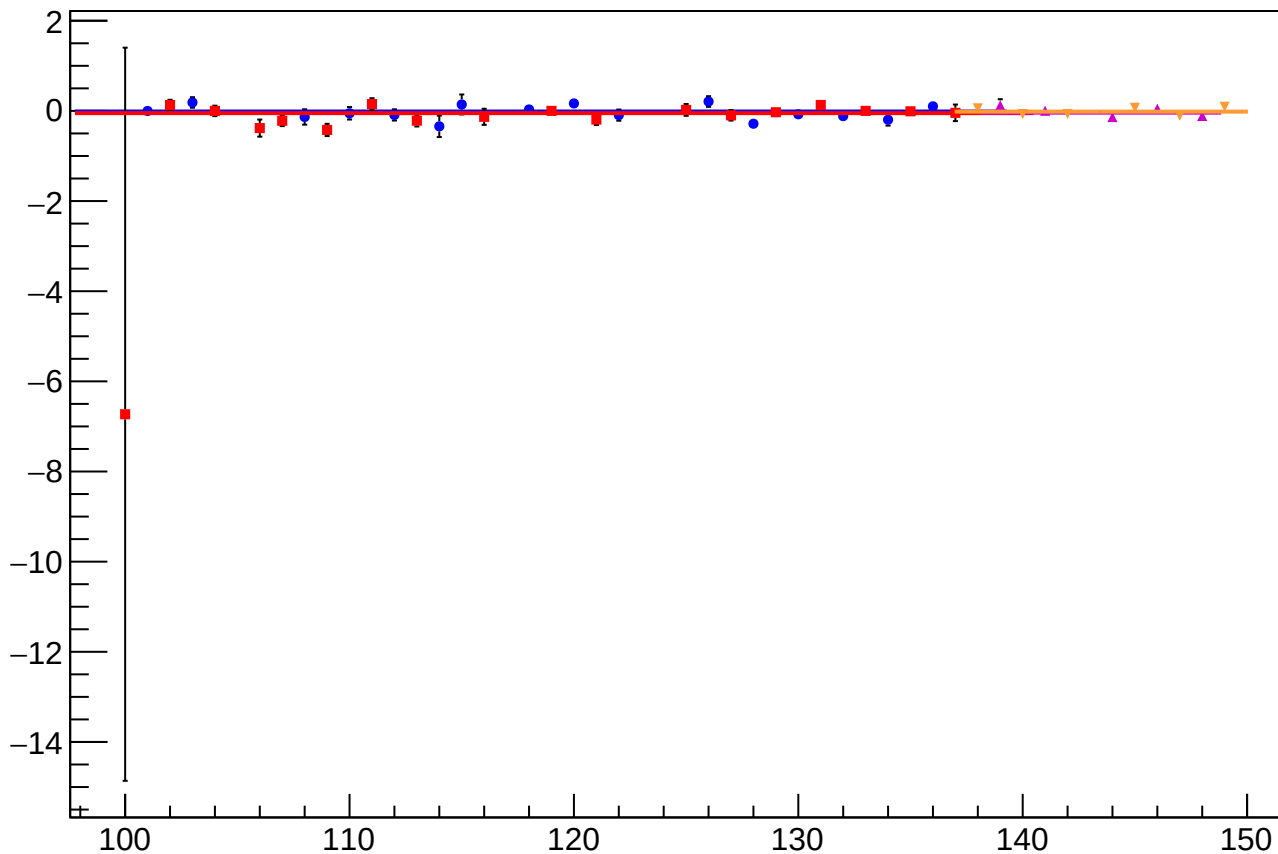
Left In: 0.010 ± 0.040 χ^2/NDF : 4.5/4

+ sign 0.074 ± 0.029 χ^2/NDF : 45.2/21

All: 0.083 ± 0.021 χ^2/NDF : 82.9/44

- 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: -0.016 ± 0.033 χ^2/NDF : 6.7/5

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

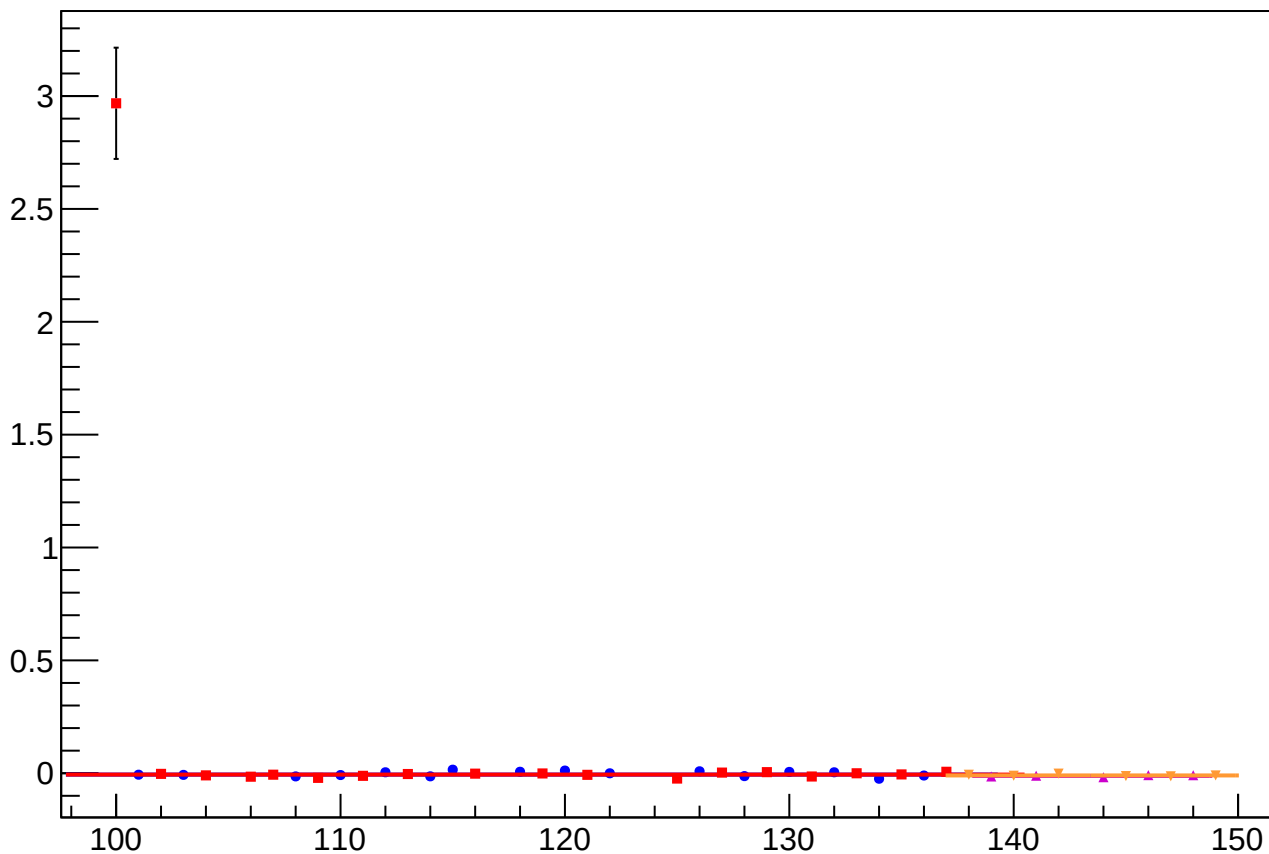
Left In: -0.039 ± 0.034 χ^2/NDF : 6.6/4

+ sign -0.015 ± 0.021 χ^2/NDF : 31.9/21

All: -0.029 ± 0.015 χ^2/NDF : 65.3/44

- 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 : 4.5/5

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

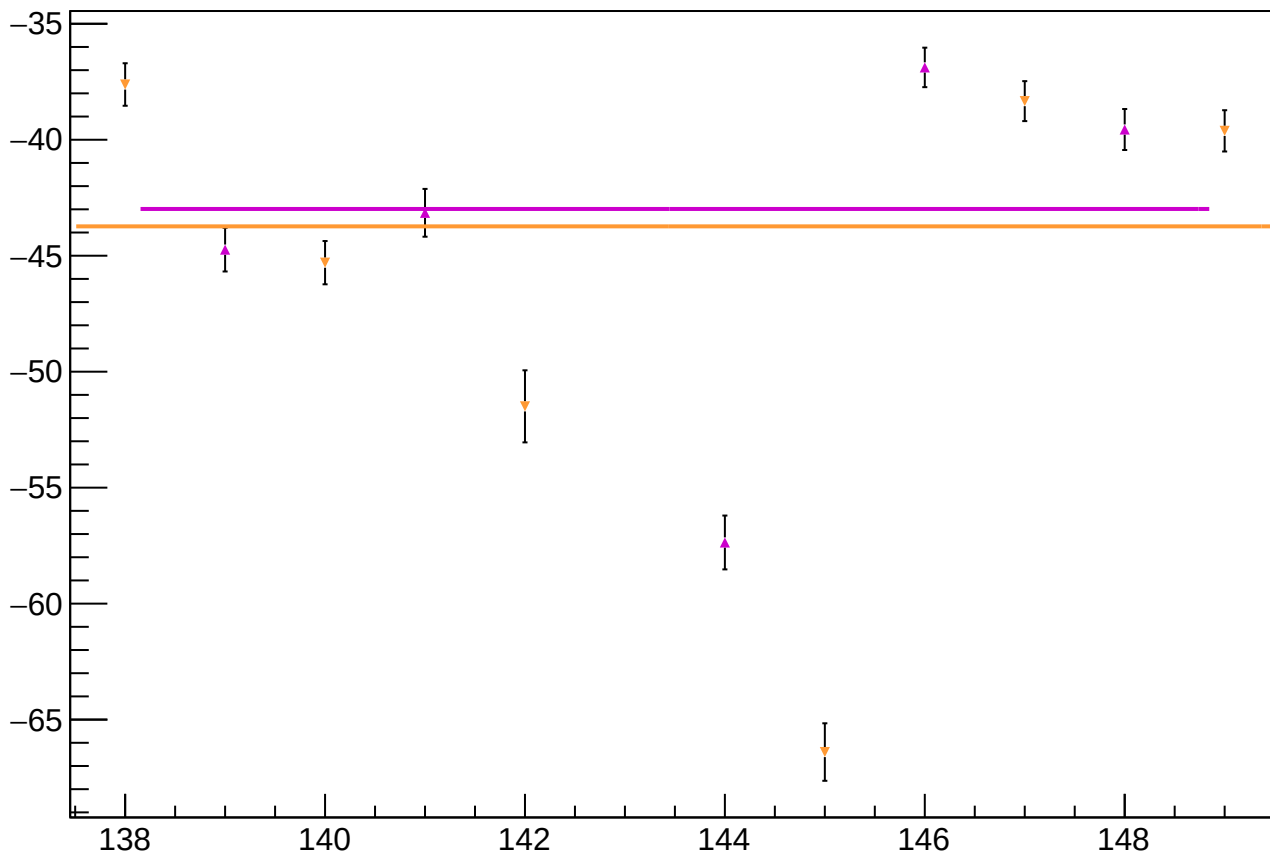
Left In: -0.012 ± 0.002 χ^2/NDF : 4.1/4

+ sign -0.008 ± 0.001 χ^2/NDF : 36.4/21

All: -0.008 ± 0.001 χ^2/NDF : 214.7/44

- 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: -43.735 $\pm$ 0.408 χ^2 /NDF: 467.3/5

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

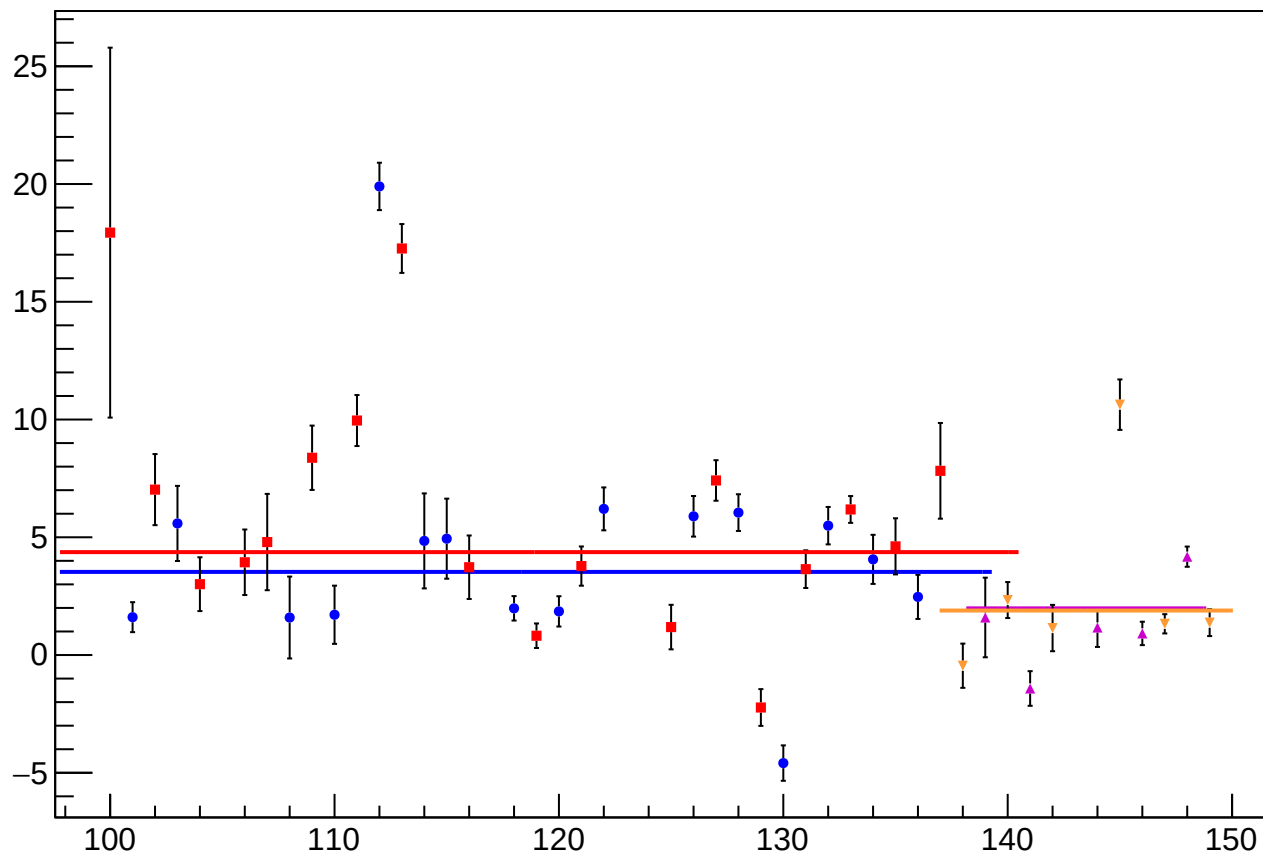
Left In: -42.984 $\pm$ 0.428 χ^2 /NDF: 223.5/4

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

All: -43.377 $\pm$ 0.295 χ^2 /NDF: 692.4/10

- 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 χ^2/NDF : 446.6/15

Left Out: 1.890 ± 0.269 χ^2/NDF : 76.4/5

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

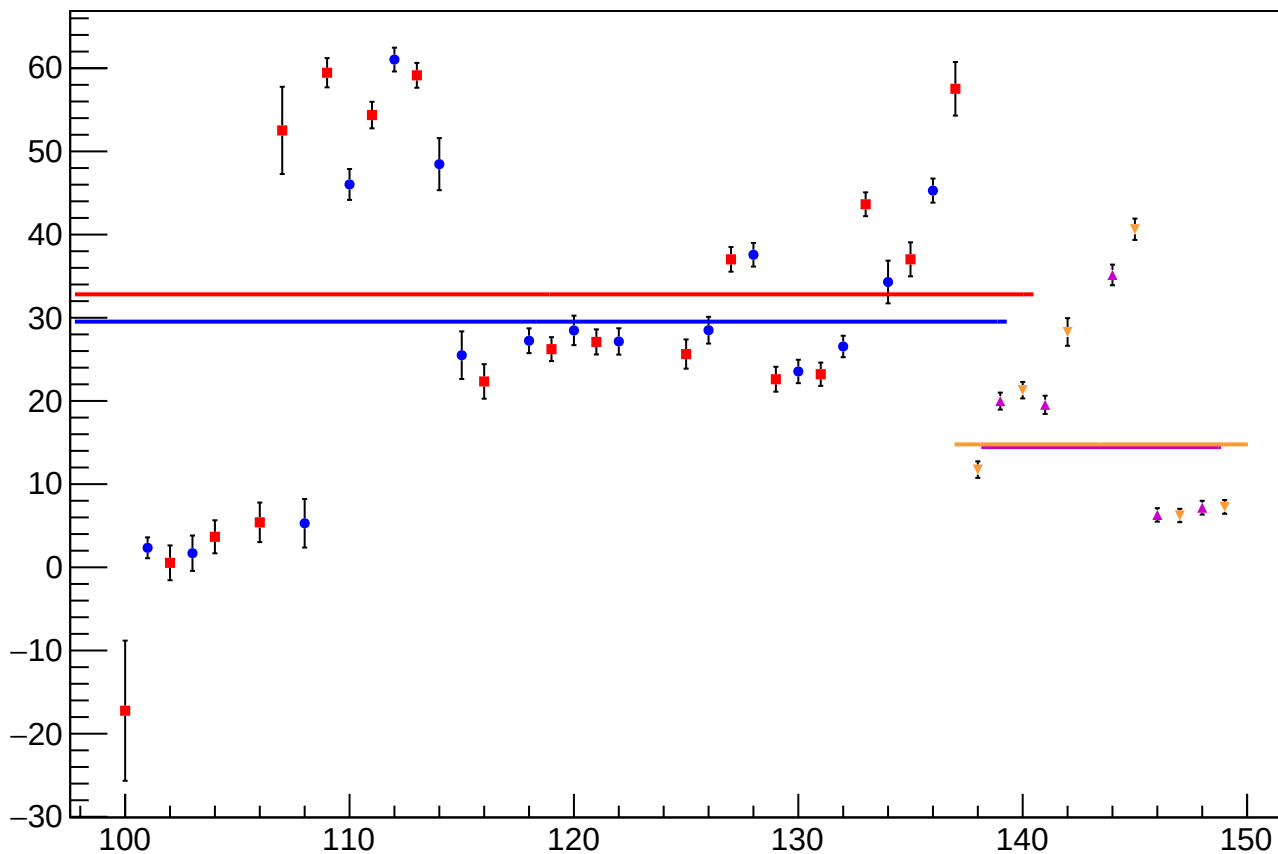
Left In: 1.981 ± 0.276 χ^2/NDF : 53.2/4

+ sign 2.882 ± 0.169 χ^2/NDF : 545.5/21

All: 3.139 ± 0.121 χ^2/NDF : 1002.2/44

- sign 3.413 ± 0.175 χ^2/NDF : 452.0/22

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 +/- 0.417 χ^2/NDF : 1494.9/15

Left Out: 14.776 +/- 0.409 χ^2/NDF : 717.1/5

Right Out: 32.816 +/- 0.423 χ^2/NDF : 1659.3/17

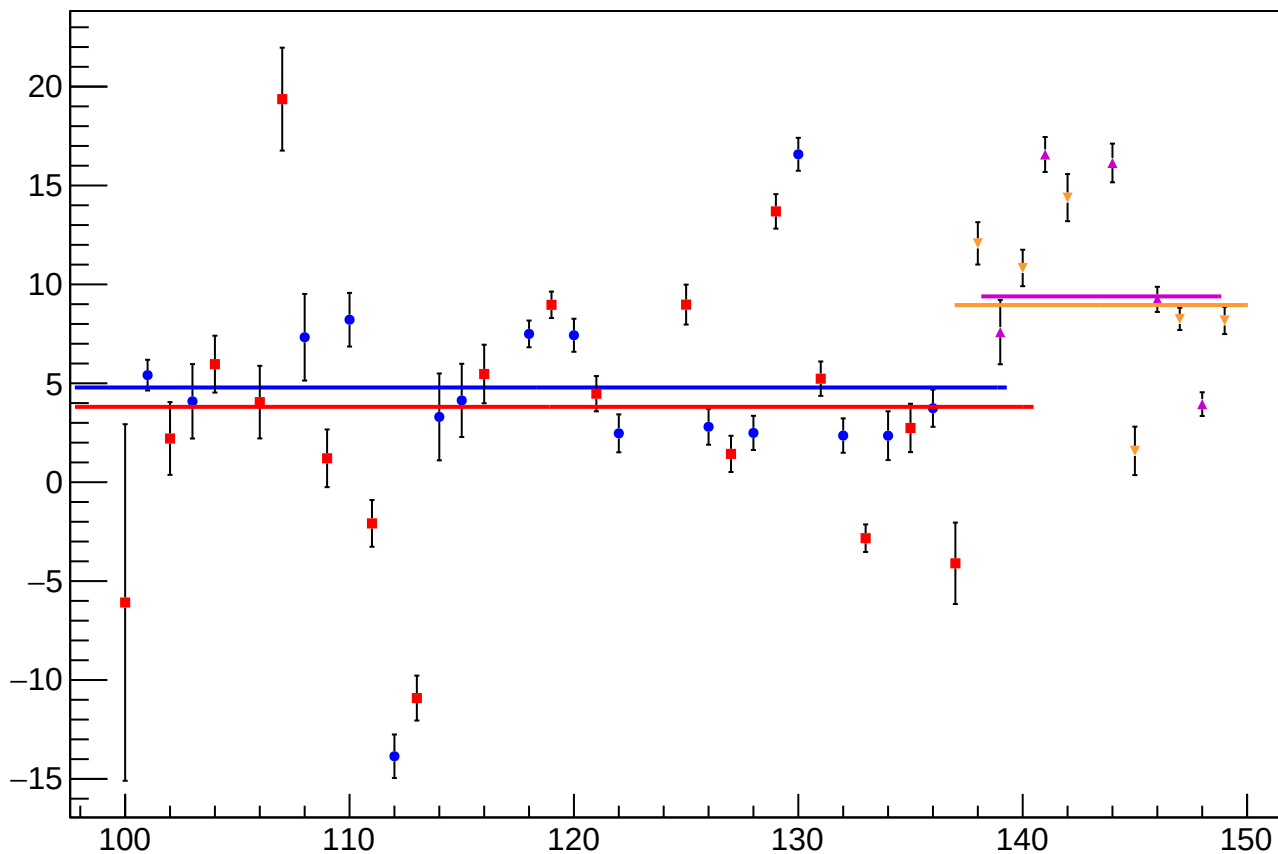
Left In: 14.463 +/- 0.430 χ^2/NDF : 506.8/4

+ sign 22.014 +/- 0.292 χ^2/NDF : 2851.0/21

All: 22.875 +/- 0.210 χ^2/NDF : 5961.2/44

- sign 23.793 +/- 0.301 χ^2/NDF : 3092.3/22

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 8.956 ± 0.339 χ^2/NDF : 72.5/5

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

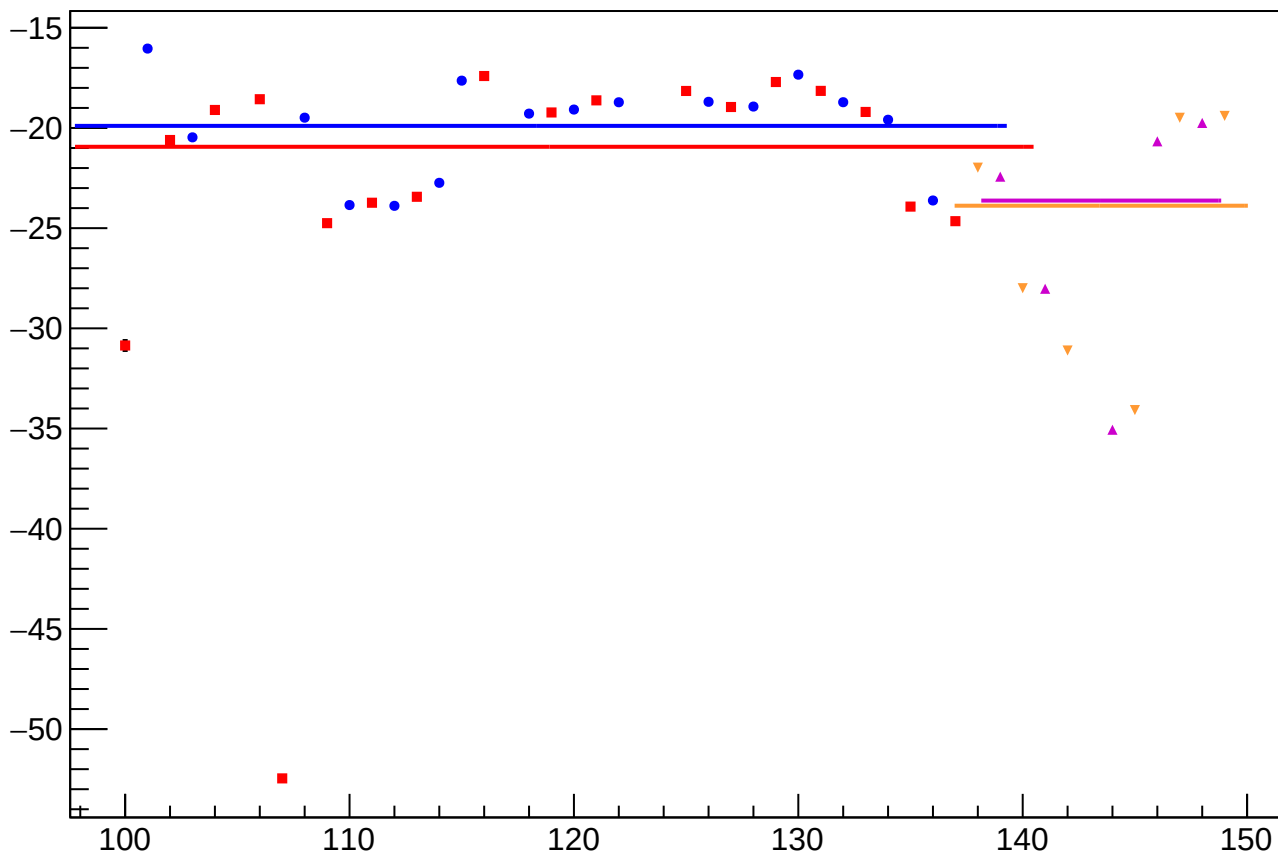
Left In: 9.393 ± 0.355 χ^2/NDF : 197.0/4

+ sign 6.264 ± 0.202 χ^2/NDF : 723.8/21

All: 6.016 ± 0.145 χ^2/NDF : 1653.3/44

- sign 5.750 ± 0.209 χ^2/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: -23.880 ± 0.018 $\chi^2/\text{NDF}: 92013.7/5$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

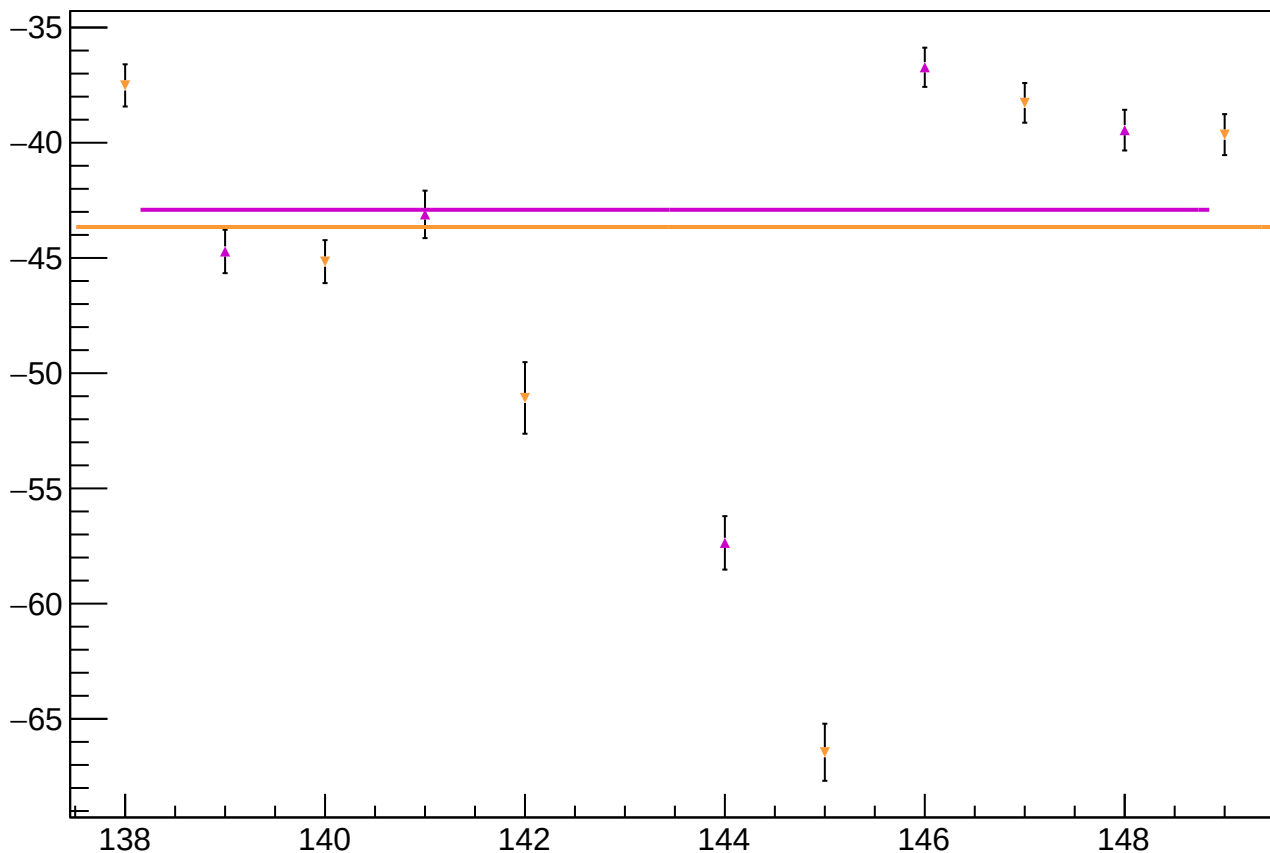
Left In: -23.623 ± 0.018 $\chi^2/\text{NDF}: 73214.4/4$

+ sign -21.654 ± 0.012 $\chi^2/\text{NDF}: 146997.6/21$

All: -21.878 ± 0.008 $\chi^2/\text{NDF}: 327758.0/44$

- 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: -43.656 ± 0.407 χ^2/NDF : 468.5/5

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

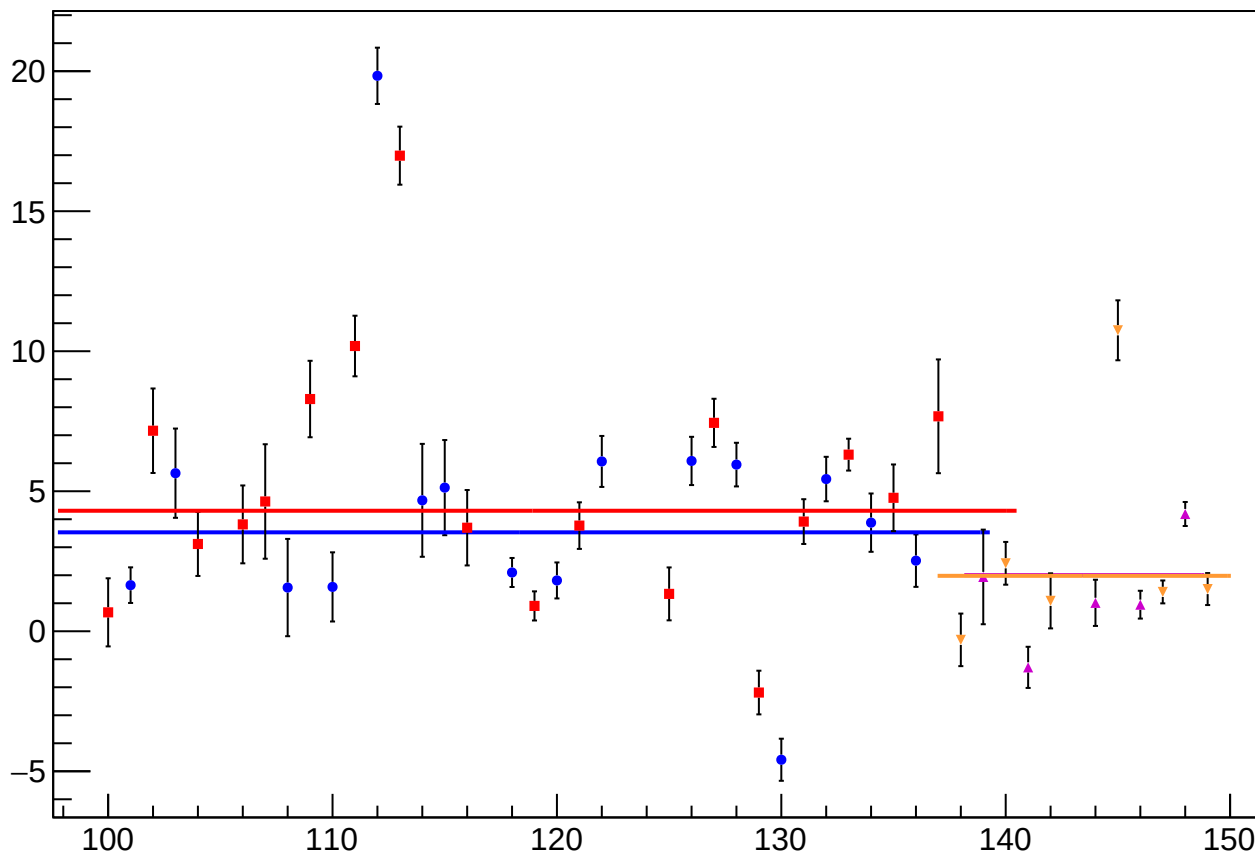
Left In: -42.909 ± 0.427 χ^2/NDF : 227.2/4

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.300 ± 0.295 χ^2/NDF : 697.2/10

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.979 ± 0.269 $\chi^2/\text{NDF}: 76.8/5$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

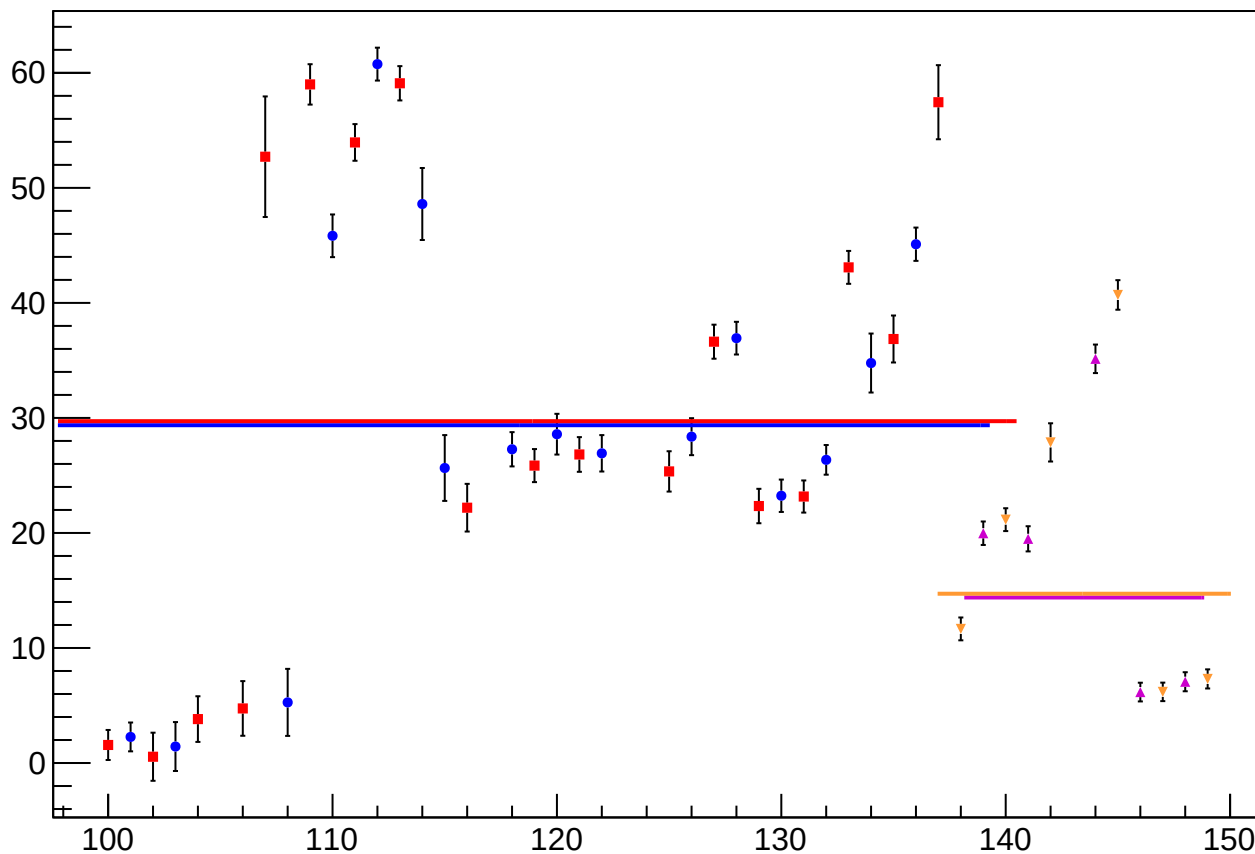
Left In: 2.006 ± 0.276 $\chi^2/\text{NDF}: 52.0/4$

+ sign 2.920 ± 0.169 $\chi^2/\text{NDF}: 540.3/21$

All: 3.155 ± 0.121 $\chi^2/\text{NDF}: 991.2/44$

- 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 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 14.717 $\pm$ 0.409 χ^2 /NDF: 714.5/5

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

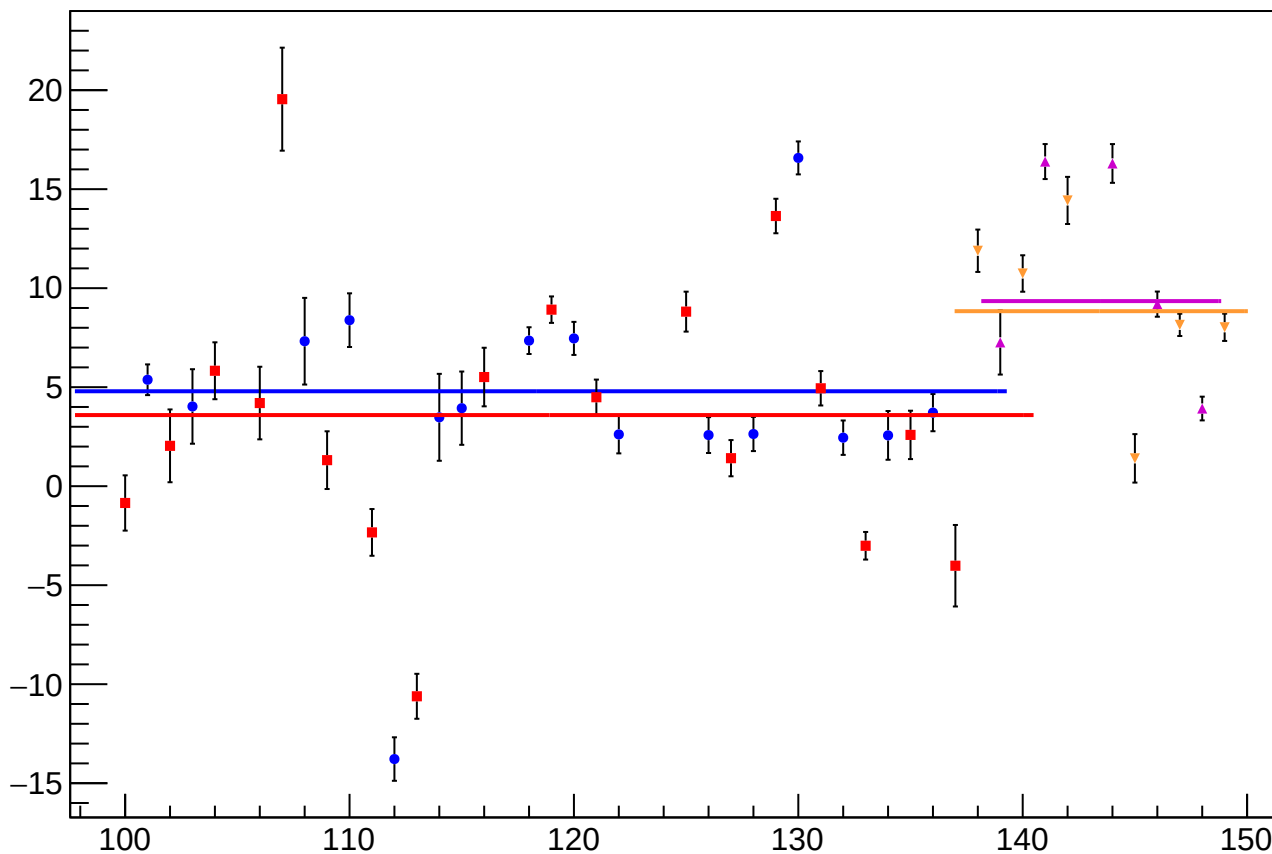
Left In: 14.389 $\pm$ 0.430 χ^2 /NDF: 512.1/4

+ sign 21.902 $\pm$ 0.292 χ^2 /NDF: 2833.7/21

All: 22.227 $\pm$ 0.207 χ^2 /NDF: 6155.8/44

- sign 22.555 $\pm$ 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: 8.838 ± 0.339 $\chi^2/\text{NDF}: 74.3/5$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

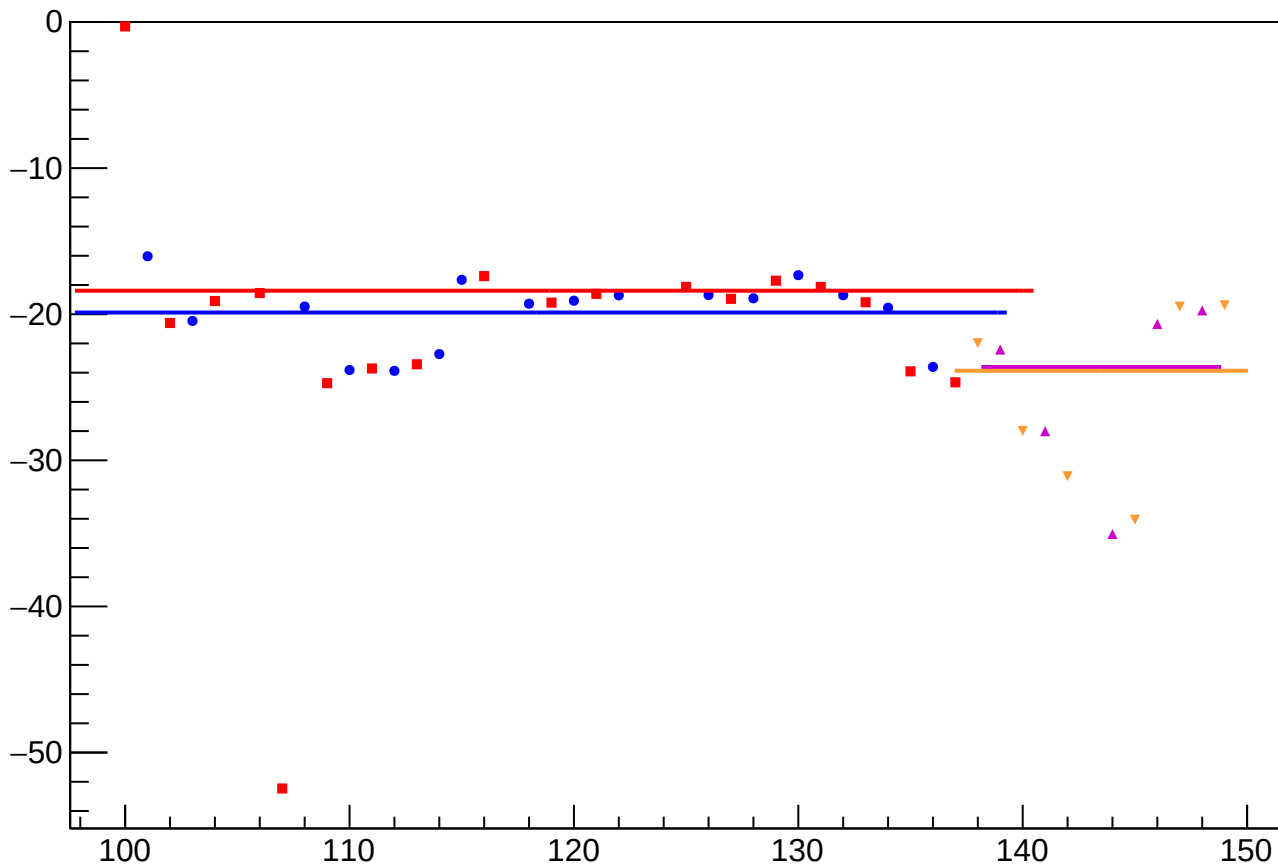
Left In: 9.347 ± 0.354 $\chi^2/\text{NDF}: 197.7/4$

+ sign 6.225 ± 0.202 $\chi^2/\text{NDF}: 716.1/21$

All: 5.895 ± 0.144 $\chi^2/\text{NDF}: 1666.6/44$

- 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: -23.871 ± 0.018 $\chi^2/\text{NDF}: 92070.5/5$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

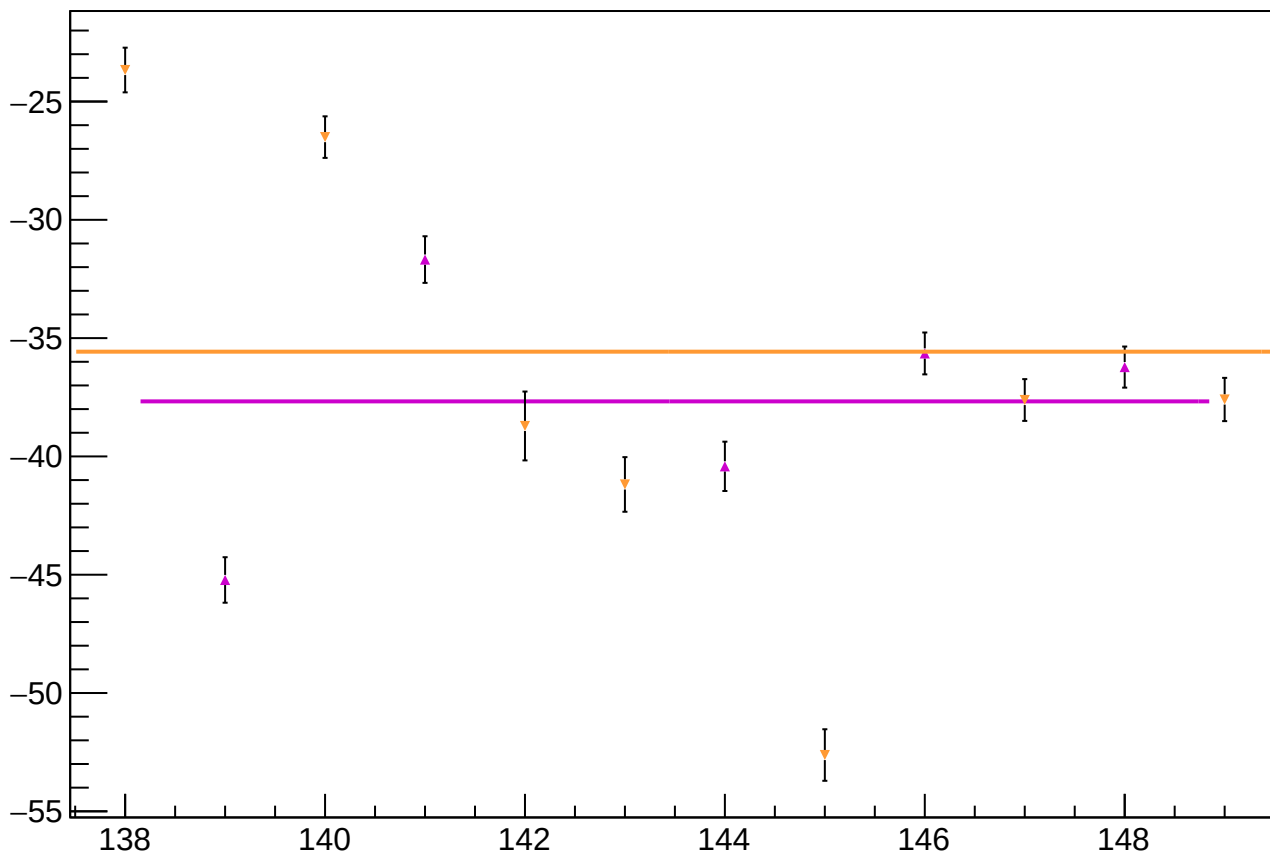
Left In: -23.611 ± 0.018 $\chi^2/\text{NDF}: 73171.3/4$

+ sign -21.643 ± 0.012 $\chi^2/\text{NDF}: 147126.7/21$

All: -21.061 ± 0.008 $\chi^2/\text{NDF}: 577271.9/44$

- 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: -35.573+/-0.379 χ^2/NDF : 549.0/6

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

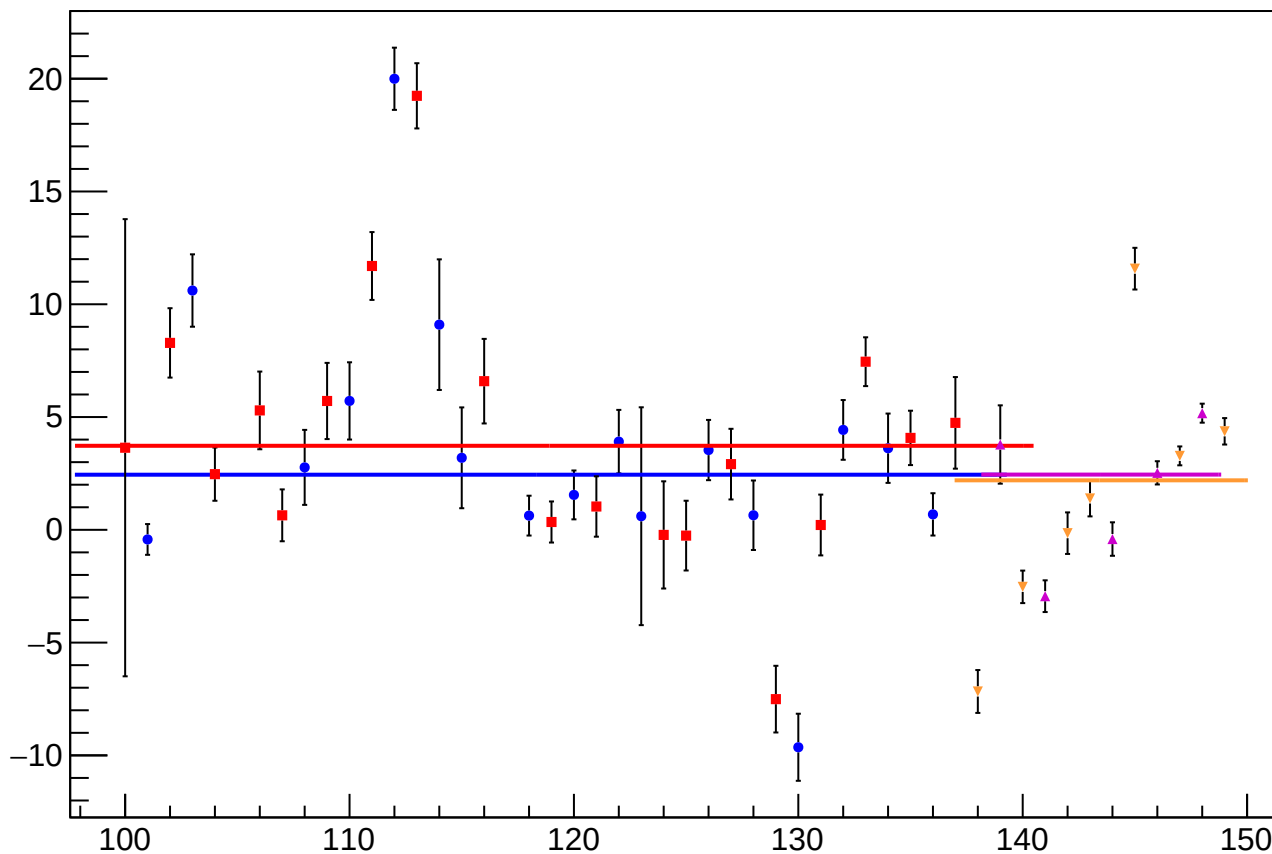
Left In: -37.674+/-0.421 χ^2/NDF : 113.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.512+/-0.282 χ^2/NDF : 676.4/11

- 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: 2.194 ± 0.253 χ^2/NDF : 271.0/6

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

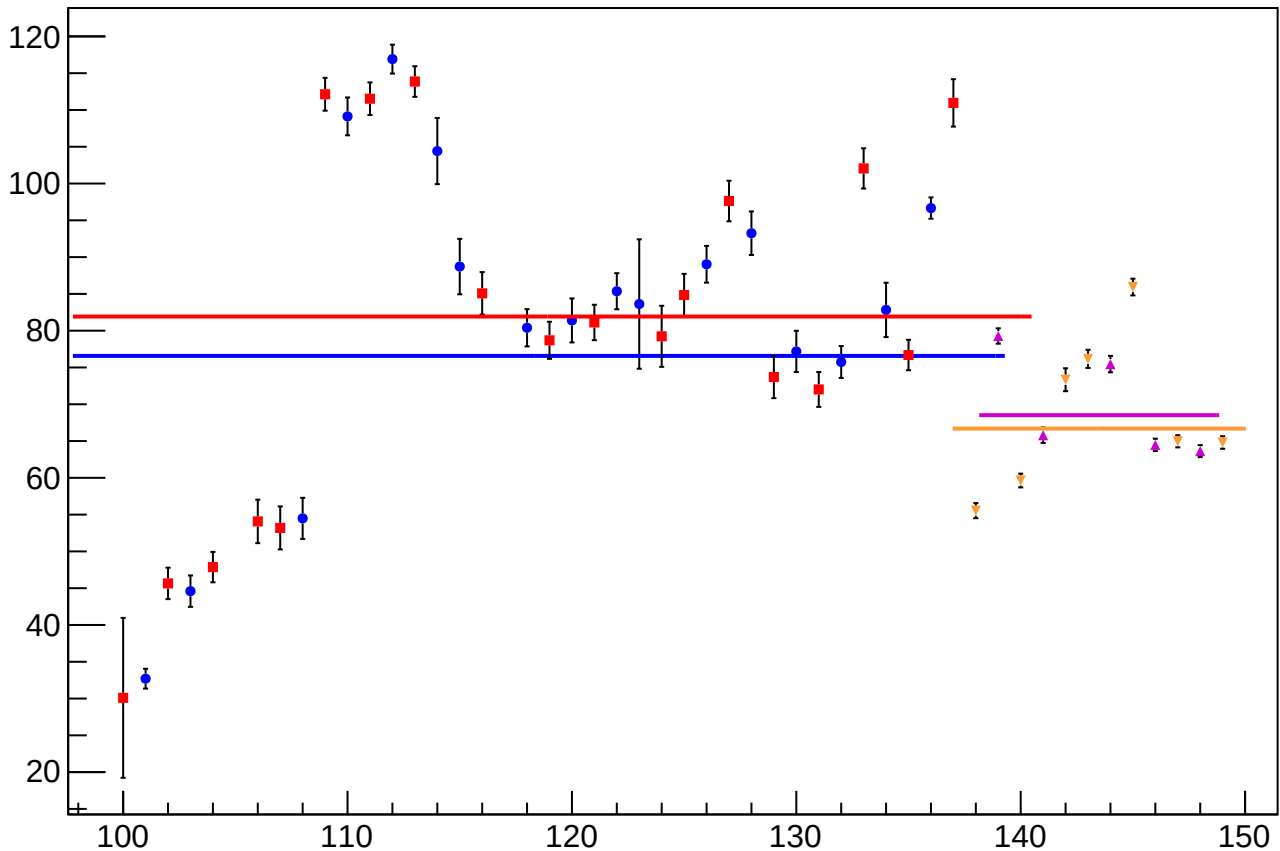
Left In: 2.449 ± 0.271 χ^2/NDF : 116.0/4

+ sign 2.294 ± 0.196 χ^2/NDF : 566.7/23

All: 2.611 ± 0.143 χ^2/NDF : 966.4/47

- sign 2.970 ± 0.209 χ^2/NDF : 394.1/23

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 ± 0.573 $\chi^2/\text{NDF}: 2253.6/16$

Left Out: 66.694 ± 0.384 $\chi^2/\text{NDF}: 548.3/6$

Right Out: 81.923 ± 0.592 $\chi^2/\text{NDF}: 1570.6/18$

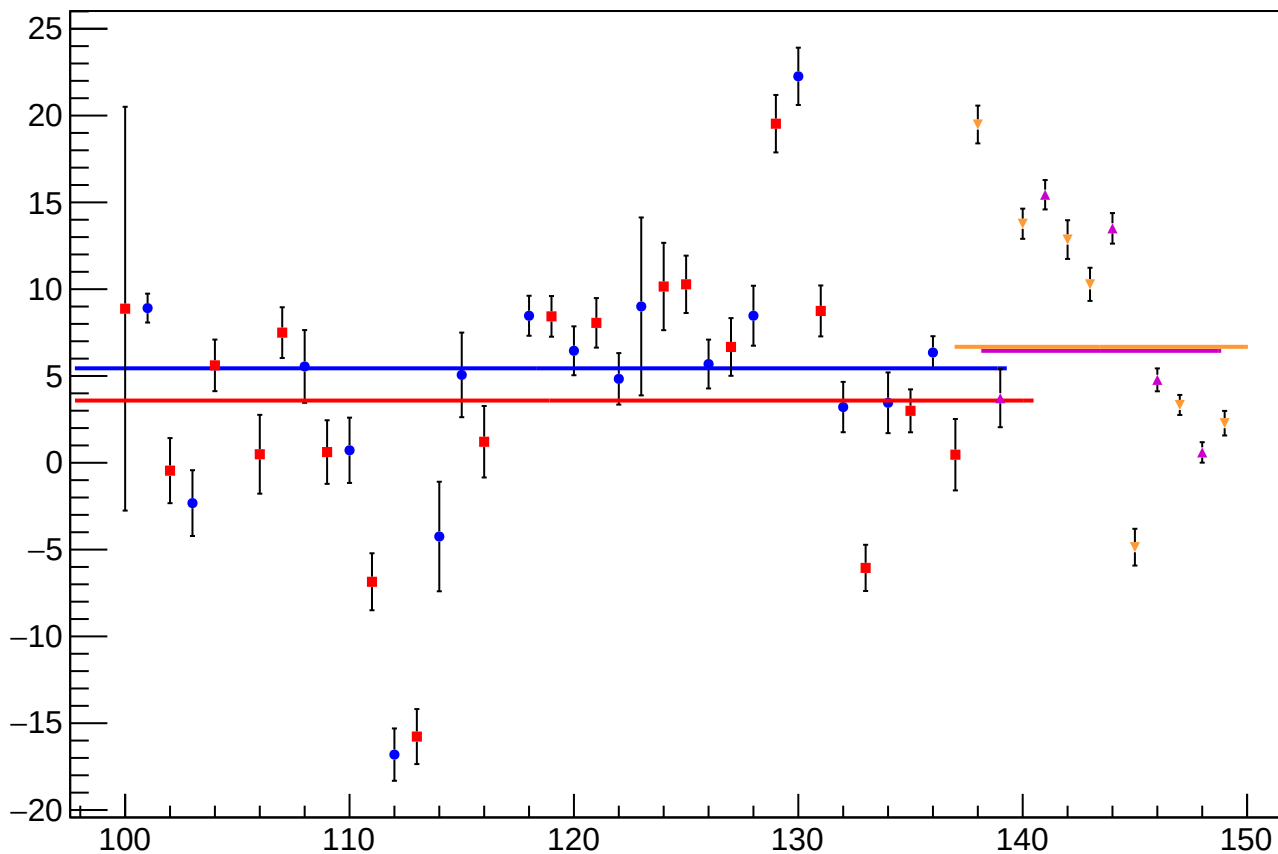
Left In: 68.518 ± 0.425 $\chi^2/\text{NDF}: 211.2/4$

+ sign 69.754 ± 0.319 $\chi^2/\text{NDF}: 3006.9/23$

All: 71.284 ± 0.234 $\chi^2/\text{NDF}: 5177.1/47$

- sign 73.073 ± 0.345 $\chi^2/\text{NDF}: 2120.4/23$

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 χ^2/NDF : 387.5/16

Left Out: 6.680 ± 0.317 χ^2/NDF : 441.1/6

Right Out: 3.585 ± 0.375 χ^2/NDF : 423.2/18

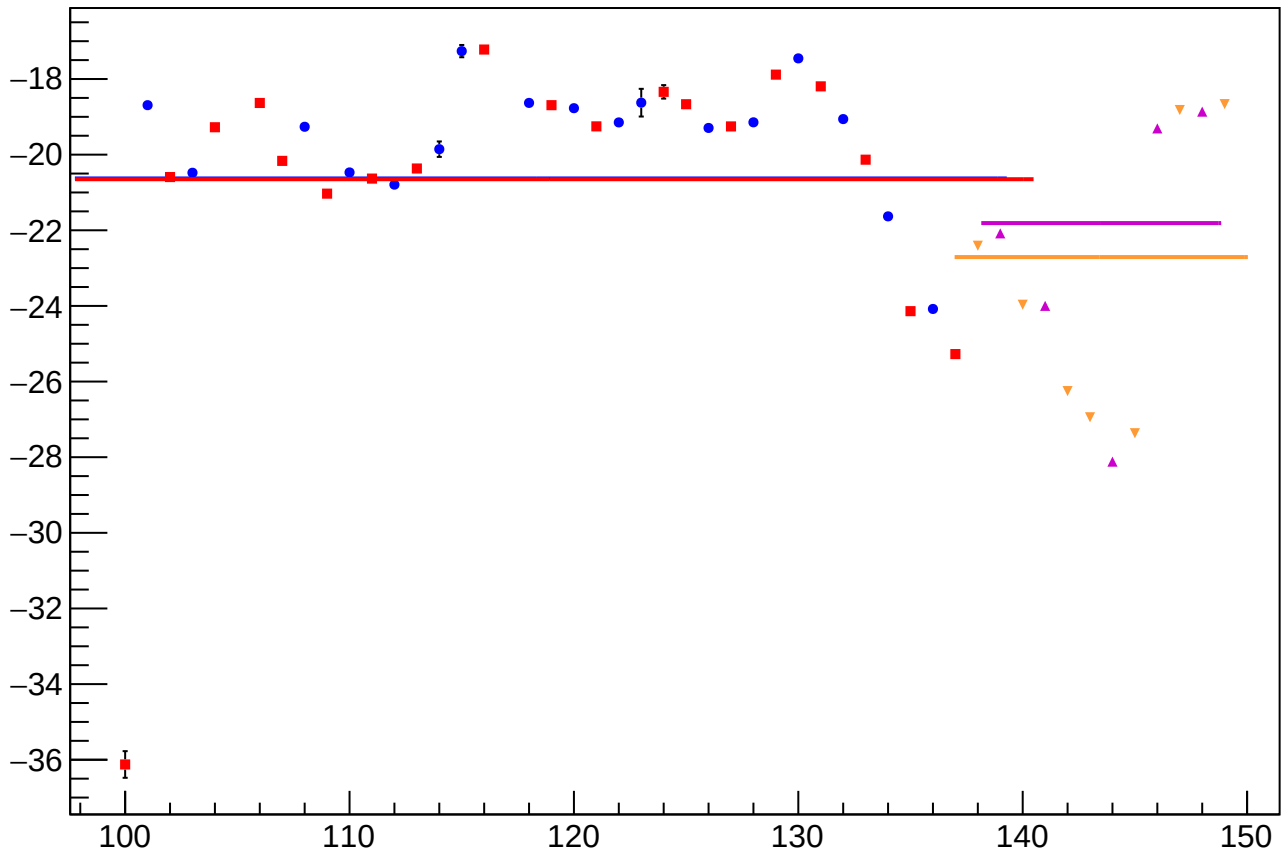
Left In: 6.450 ± 0.349 χ^2/NDF : 284.9/4

+ sign 6.135 ± 0.237 χ^2/NDF : 835.3/23

All: 5.666 ± 0.174 χ^2/NDF : 1583.2/47

- 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 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -22.708 ± 0.016 $\chi^2/\text{NDF}: 44199.4/6$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

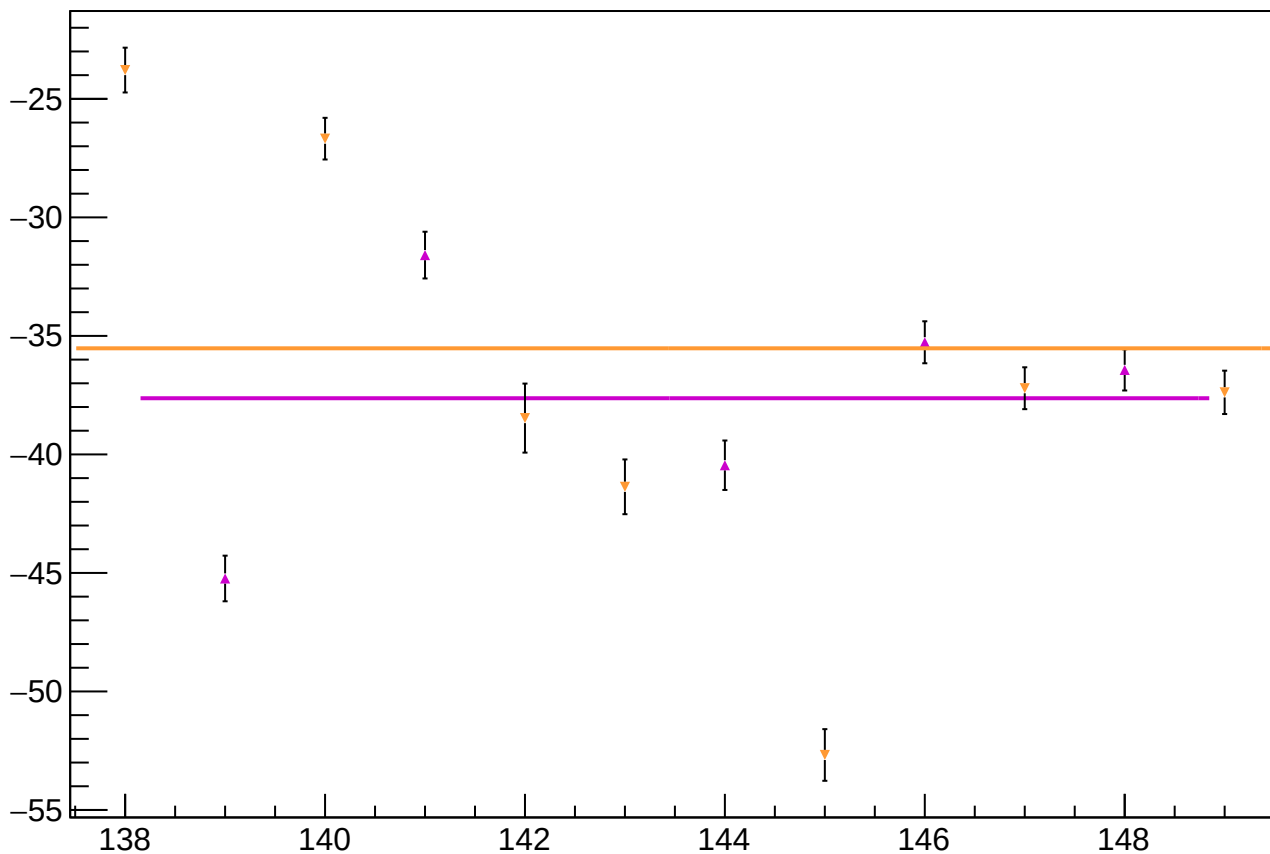
Left In: -21.810 ± 0.018 $\chi^2/\text{NDF}: 30721.0/4$

+ sign -21.841 ± 0.012 $\chi^2/\text{NDF}: 63460.3/23$

All: -21.576 ± 0.009 $\chi^2/\text{NDF}: 110969.2/47$

- sign -21.284 ± 0.013 $\chi^2/\text{NDF}: 46556.4/23$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.524 $\pm$ 0.379 χ^2 /NDF: 540.8/6

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

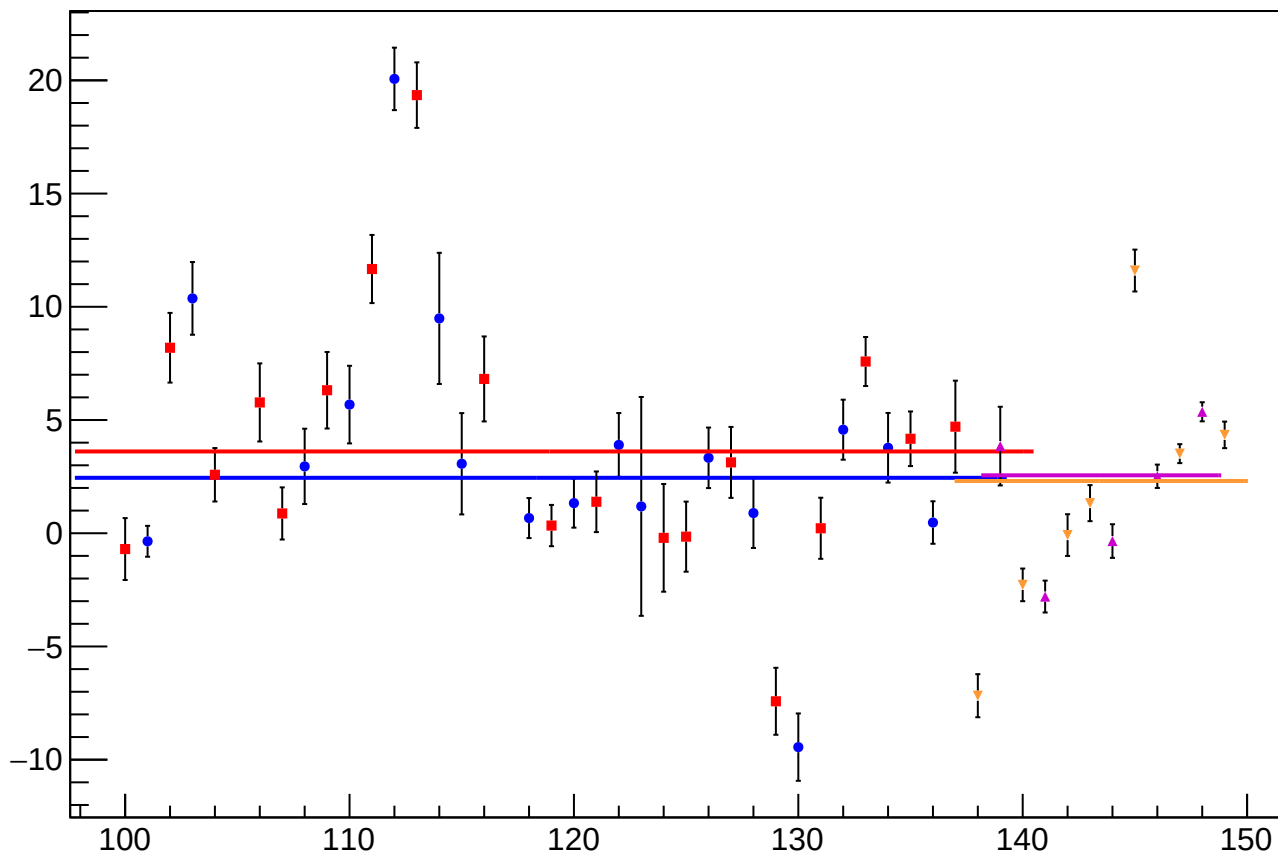
Left In: -37.630 $\pm$ 0.422 χ^2 /NDF: 116.3/4

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

All: -36.466 $\pm$ 0.282 χ^2 /NDF: 670.9/11

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

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 2.308 ± 0.253 χ^2/NDF : 269.4/6

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

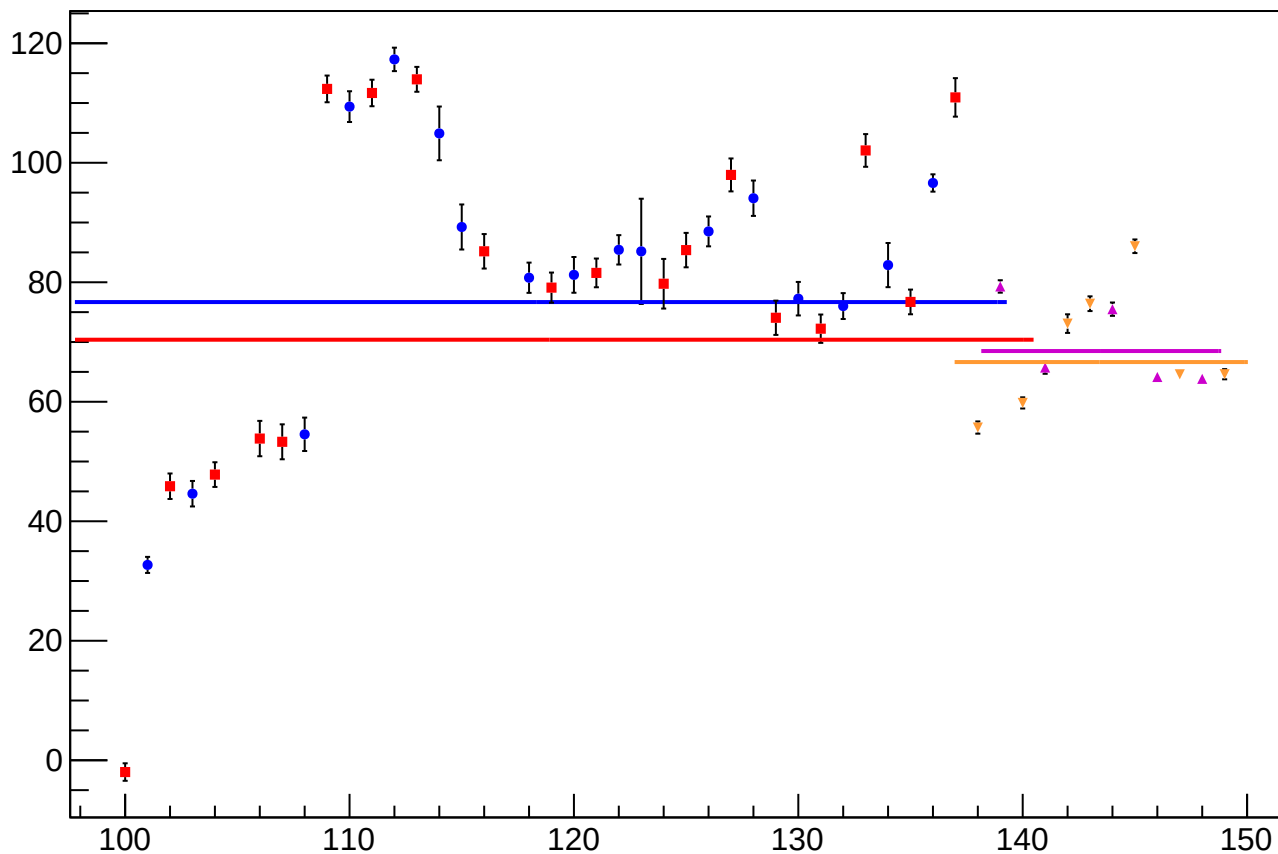
Left In: 2.558 ± 0.272 χ^2/NDF : 118.0/4

+ sign 2.364 ± 0.197 χ^2/NDF : 562.9/23

All: 2.667 ± 0.142 χ^2/NDF : 971.7/47

- 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: 66.647 ± 0.384 $\chi^2/\text{NDF}: 549.5/6$

Right Out: 70.386 ± 0.550 $\chi^2/\text{NDF}: 4391.1/18$

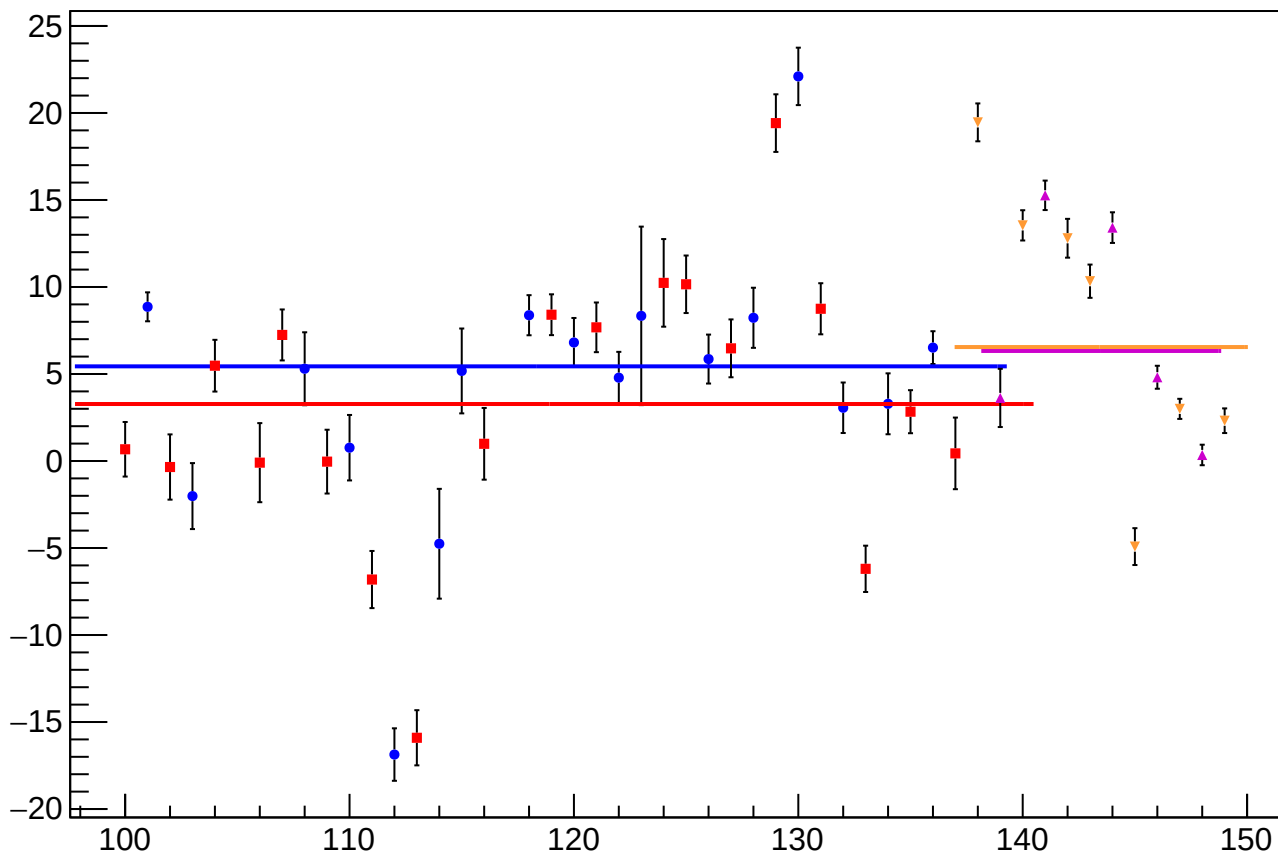
Left In: 68.490 ± 0.425 $\chi^2/\text{NDF}: 213.0/4$

+ sign 69.757 ± 0.319 $\chi^2/\text{NDF}: 3026.1/23$

All: 69.492 ± 0.232 $\chi^2/\text{NDF}: 7639.1/47$

- 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 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.548 ± 0.317 $\chi^2/\text{NDF}: 443.2/6$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

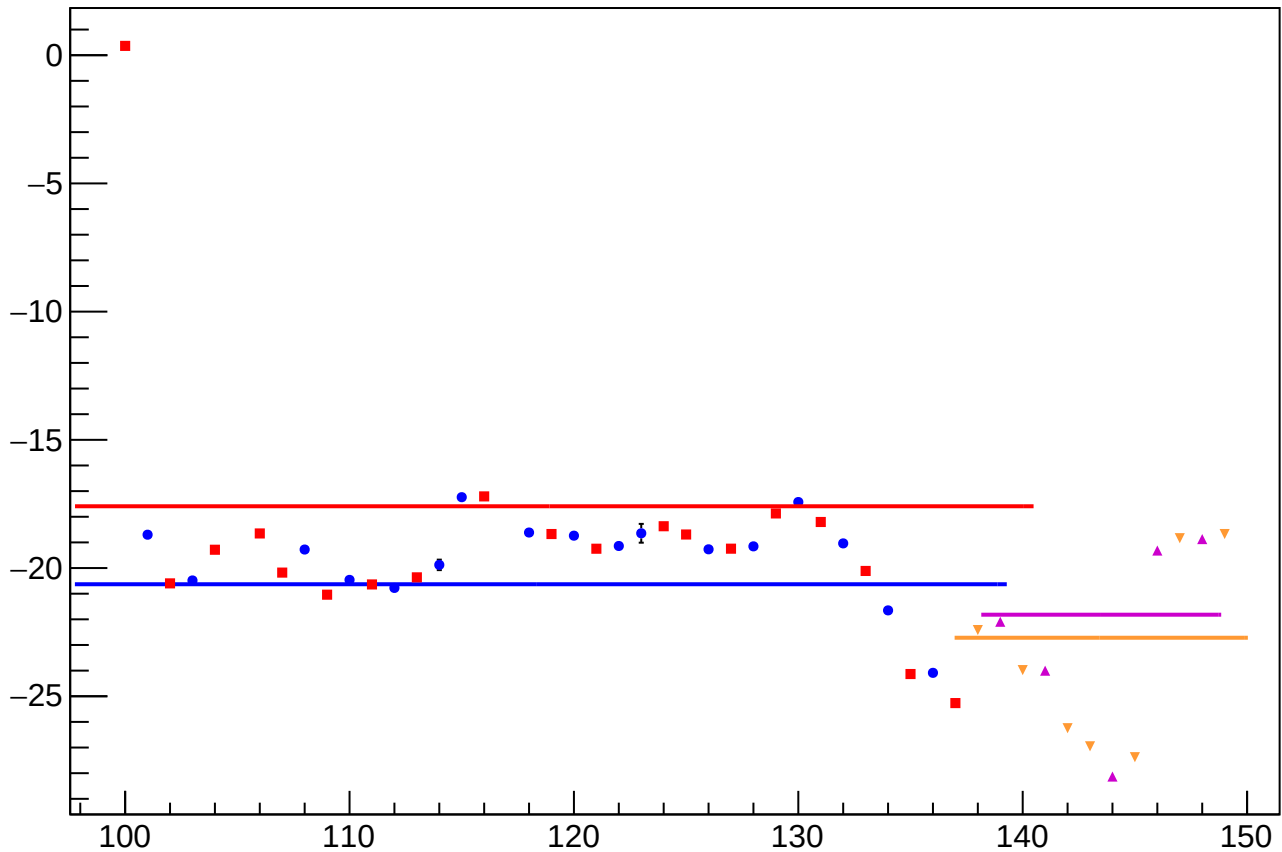
Left In: 6.324 ± 0.349 $\chi^2/\text{NDF}: 287.0/4$

+ sign 6.060 ± 0.237 $\chi^2/\text{NDF}: 834.6/23$

All: 5.501 ± 0.173 $\chi^2/\text{NDF}: 1595.6/47$

- sign 4.869 ± 0.252 $\chi^2/\text{NDF}: 749.2/23$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -22.718 ± 0.016 $\chi^2/\text{NDF}: 44089.3/6$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

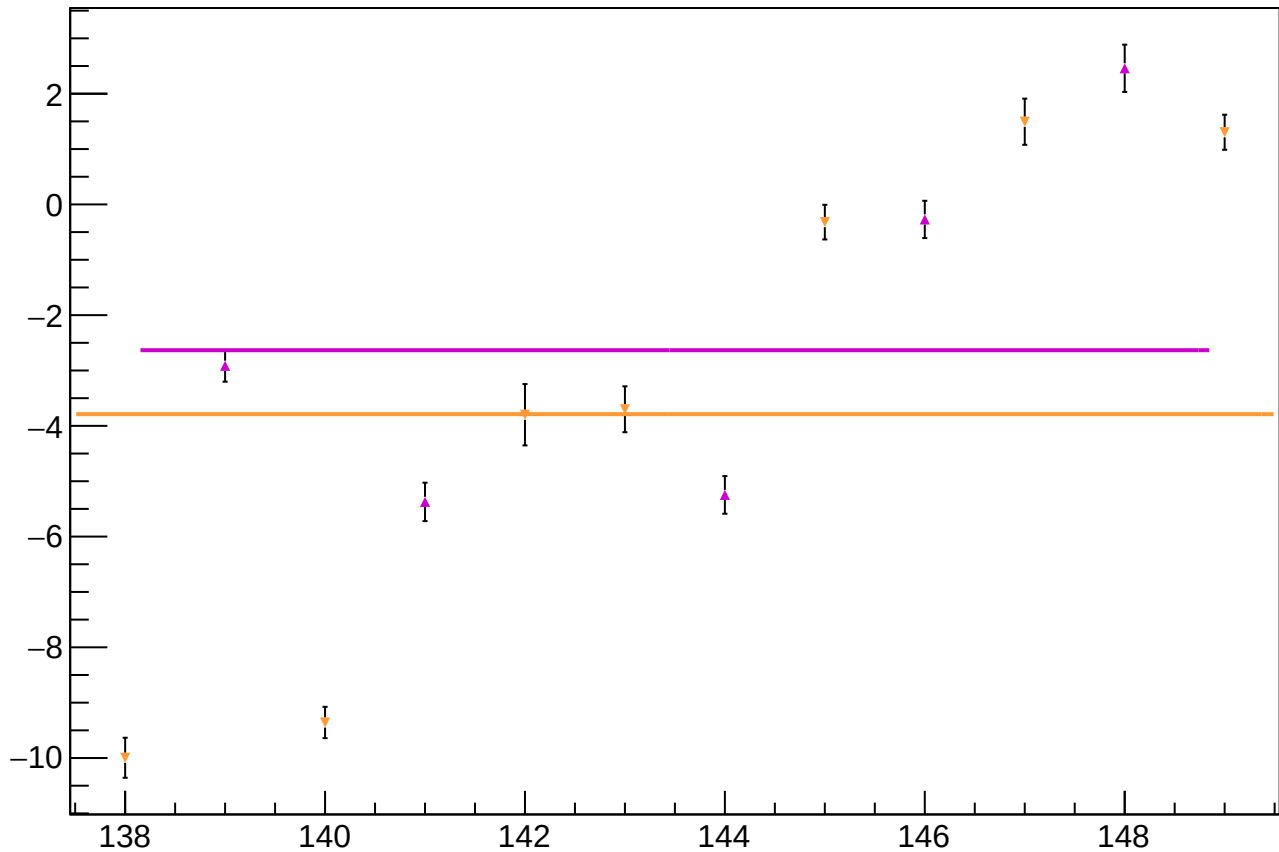
Left In: -21.819 ± 0.018 $\chi^2/\text{NDF}: 30695.3/4$

+ sign -21.848 ± 0.012 $\chi^2/\text{NDF}: 63439.1/23$

All: -20.809 ± 0.009 $\chi^2/\text{NDF}: 314941.8/47$

- sign -19.743 ± 0.013 $\chi^2/\text{NDF}: 237427.7/23$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.789+/-0.135 χ^2/NDF :1223.5/6

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

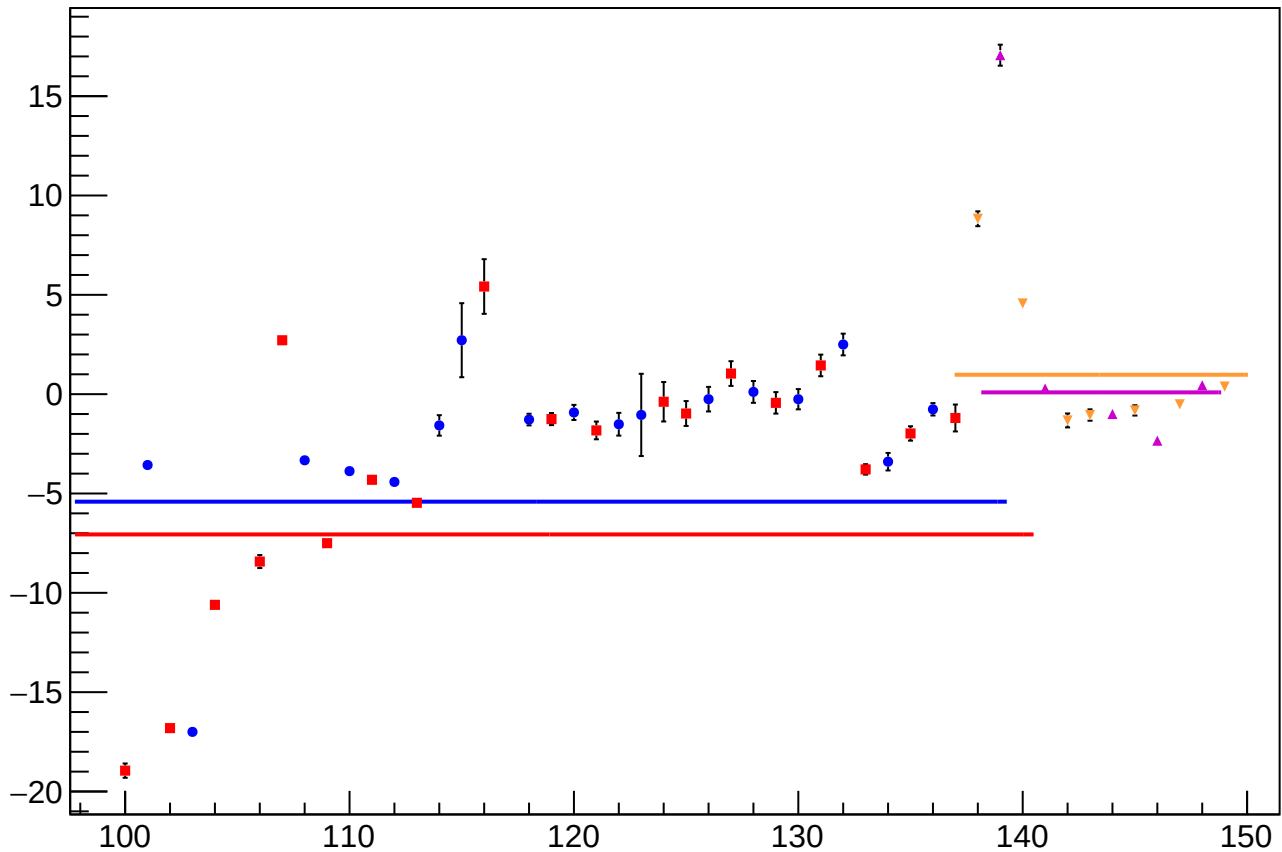
Left In: -2.633+/-0.152 χ^2/NDF :313.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.280+/-0.101 χ^2/NDF : 1569.8/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 $\pm$ 0.055 χ^2 /NDF: 9261.2/16

Left Out: 0.978 $\pm$ 0.096 χ^2 /NDF: 877.0/6

Right Out: -7.060 $\pm$ 0.059 χ^2 /NDF: 12329.4/18

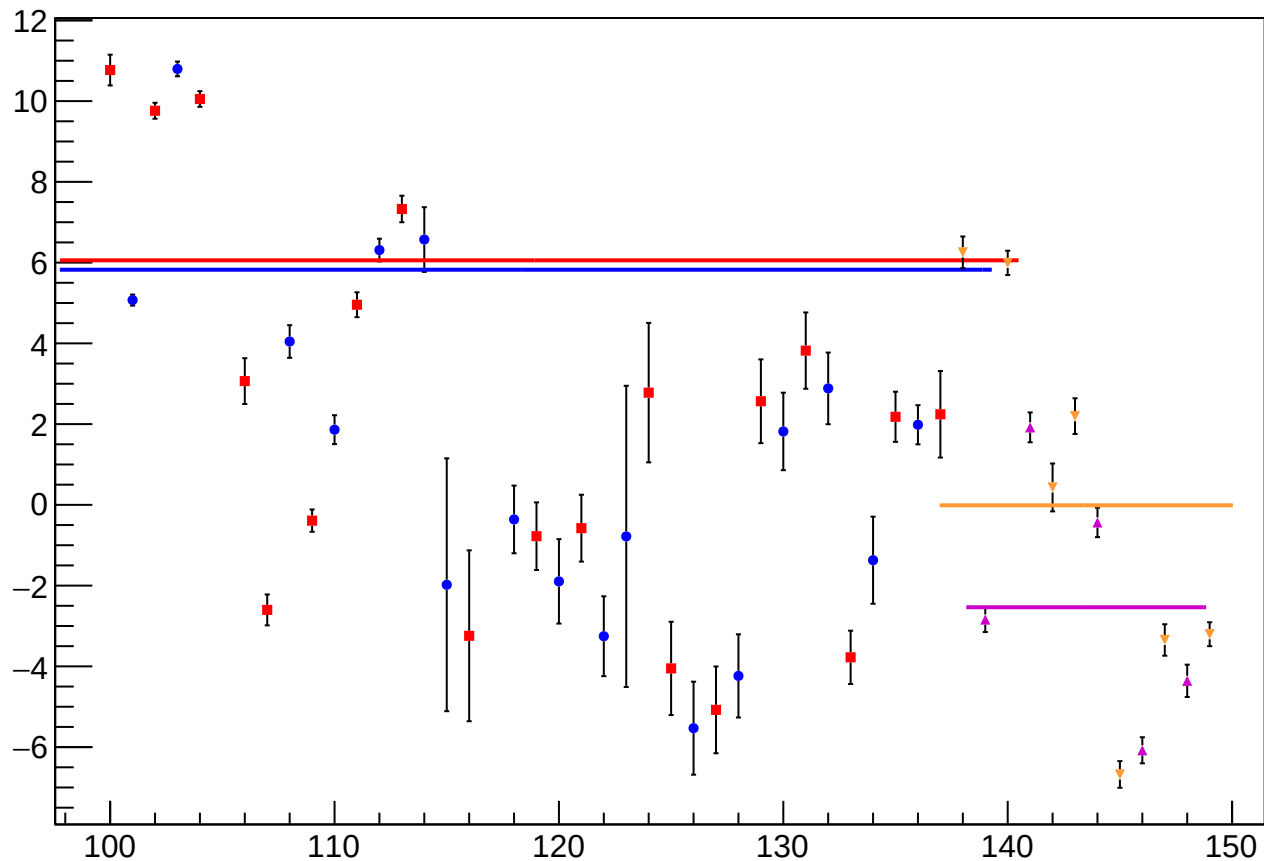
Left In: 0.090 $\pm$ 0.111 χ^2 /NDF: 1182.4/4

+ sign -3.839 $\pm$ 0.048 χ^2 /NDF: 13490.1/23

All: -4.587 $\pm$ 0.035 χ^2 /NDF: 30774.2/47

- sign -5.487 $\pm$ 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: -0.012 ± 0.138 χ^2/NDF : 1273.1/6

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

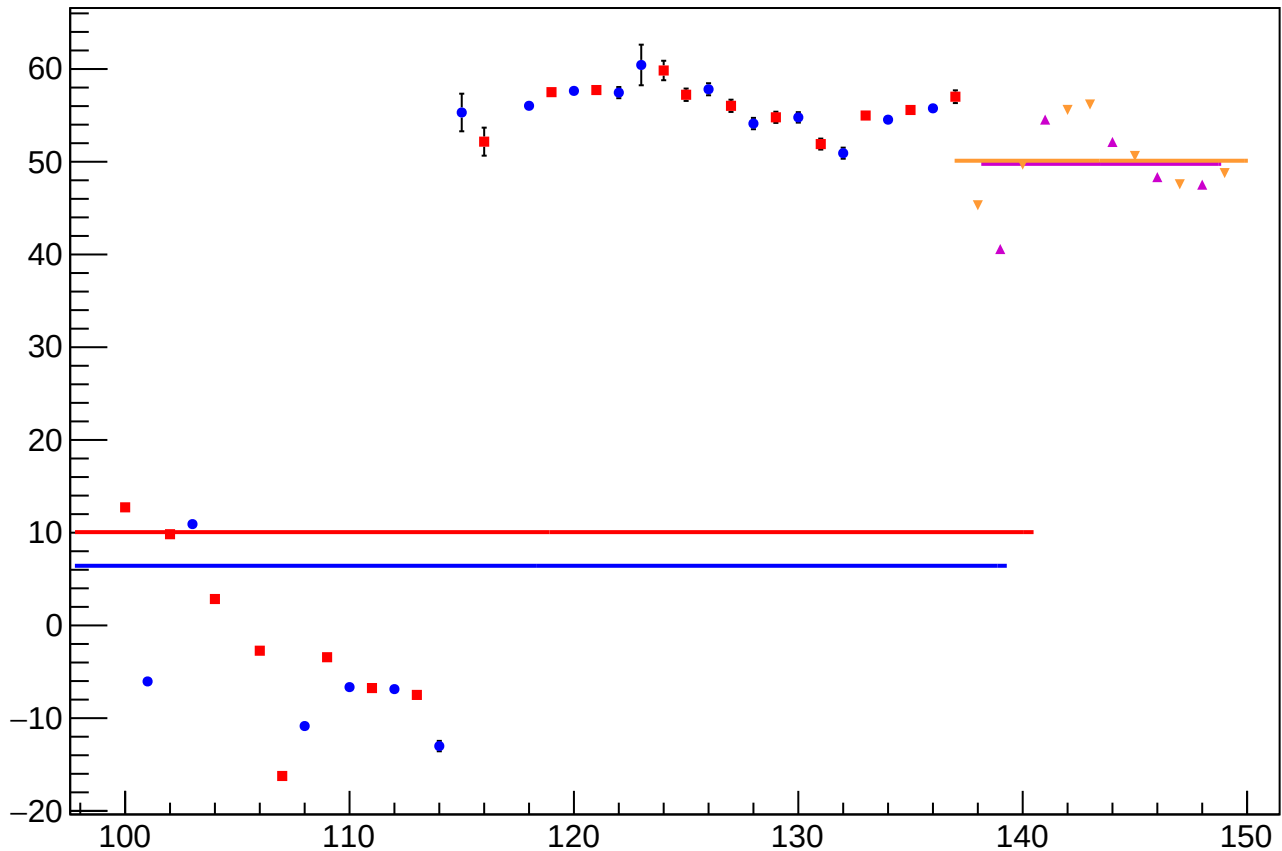
Left In: -2.536 ± 0.156 χ^2/NDF : 321.1/4

+ sign 4.092 ± 0.075 χ^2/NDF : 3985.0/23

All: 3.951 ± 0.055 χ^2/NDF : 9217.5/47

- 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: 50.110 $\pm$ 0.117 χ^2/NDF : 725.6/6

Right Out: 10.060 $\pm$ 0.070 χ^2/NDF : 121816.0/18

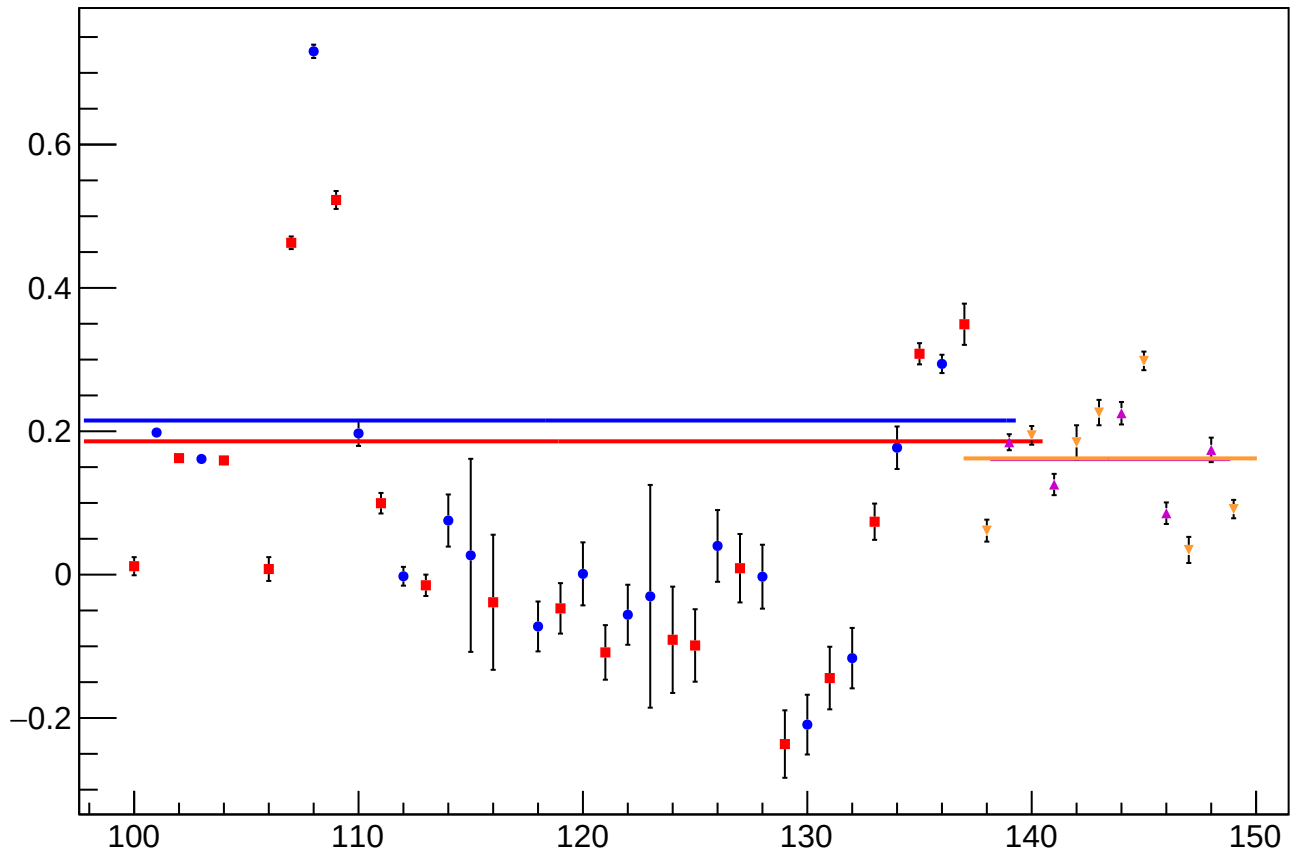
Left In: 49.773 $\pm$ 0.137 χ^2/NDF : 734.8/4

+ sign 16.659 $\pm$ 0.057 χ^2/NDF : 230919.8/23

All: 17.362 $\pm$ 0.042 χ^2/NDF : 420348.5/47

- 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: 0.162 ± 0.006 χ^2/NDF : 252.9/6

Right Out: 0.186 ± 0.003 χ^2/NDF : 2720.3/18

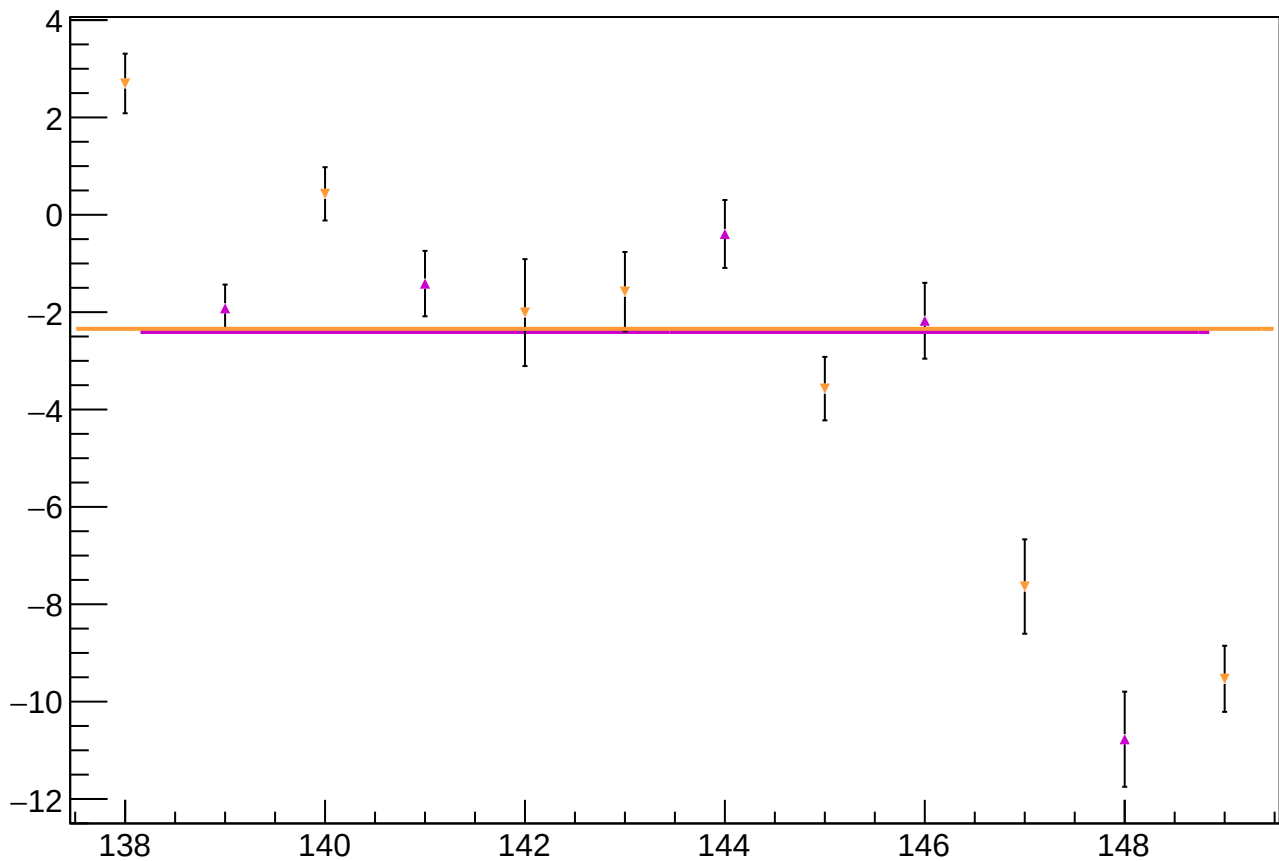
Left In: 0.161 ± 0.006 χ^2/NDF : 52.5/4

+ sign 0.205 ± 0.002 χ^2/NDF : 4251.4/23

All: 0.194 ± 0.002 χ^2/NDF : 7079.2/47

- sign 0.182 ± 0.002 χ^2/NDF : 2785.6/23

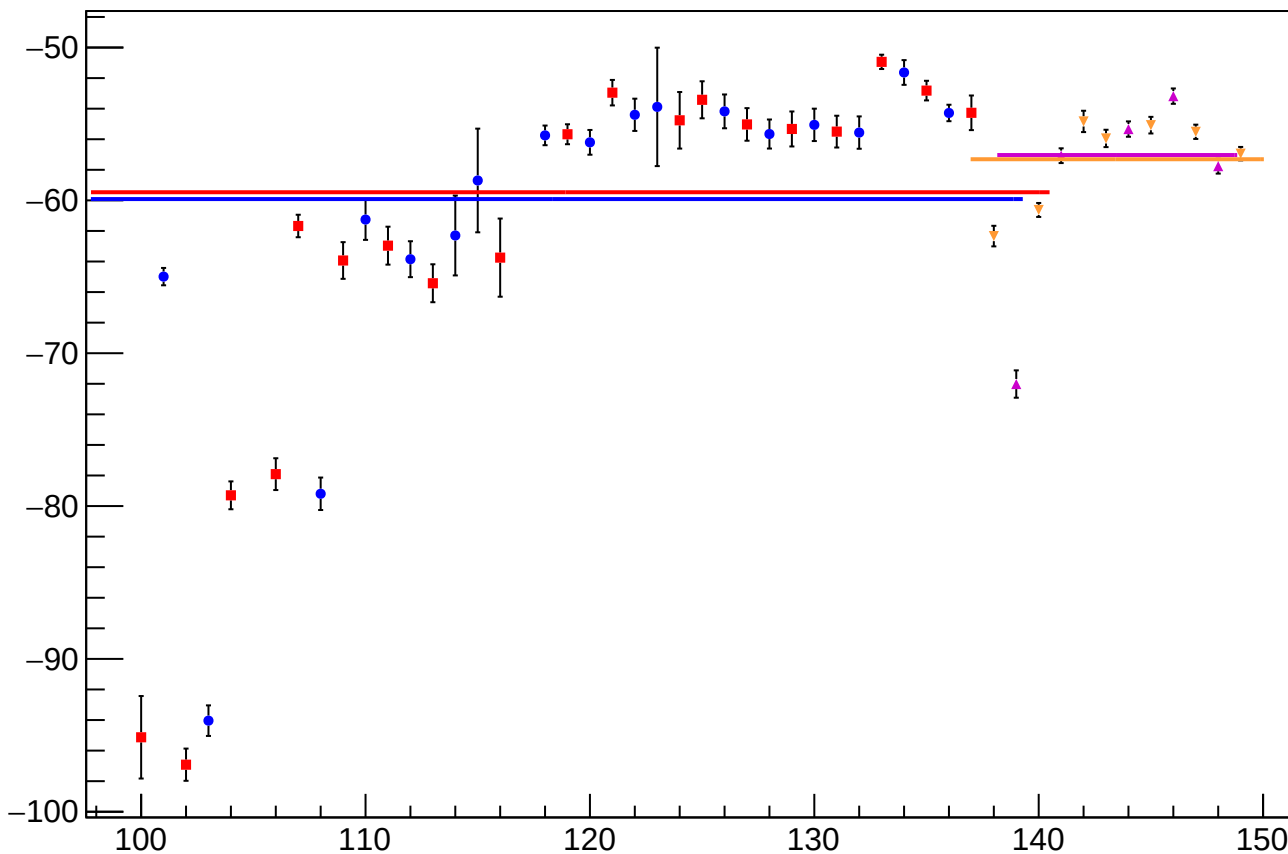
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: -2.342+/-0.268 χ^2/NDF : 239.9/6
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -2.407+/-0.299 χ^2/NDF : 84.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -2.371+/-0.200 χ^2/NDF : 324.8/11
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -57.309 ± 0.199 χ^2/NDF : 159.0/6

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

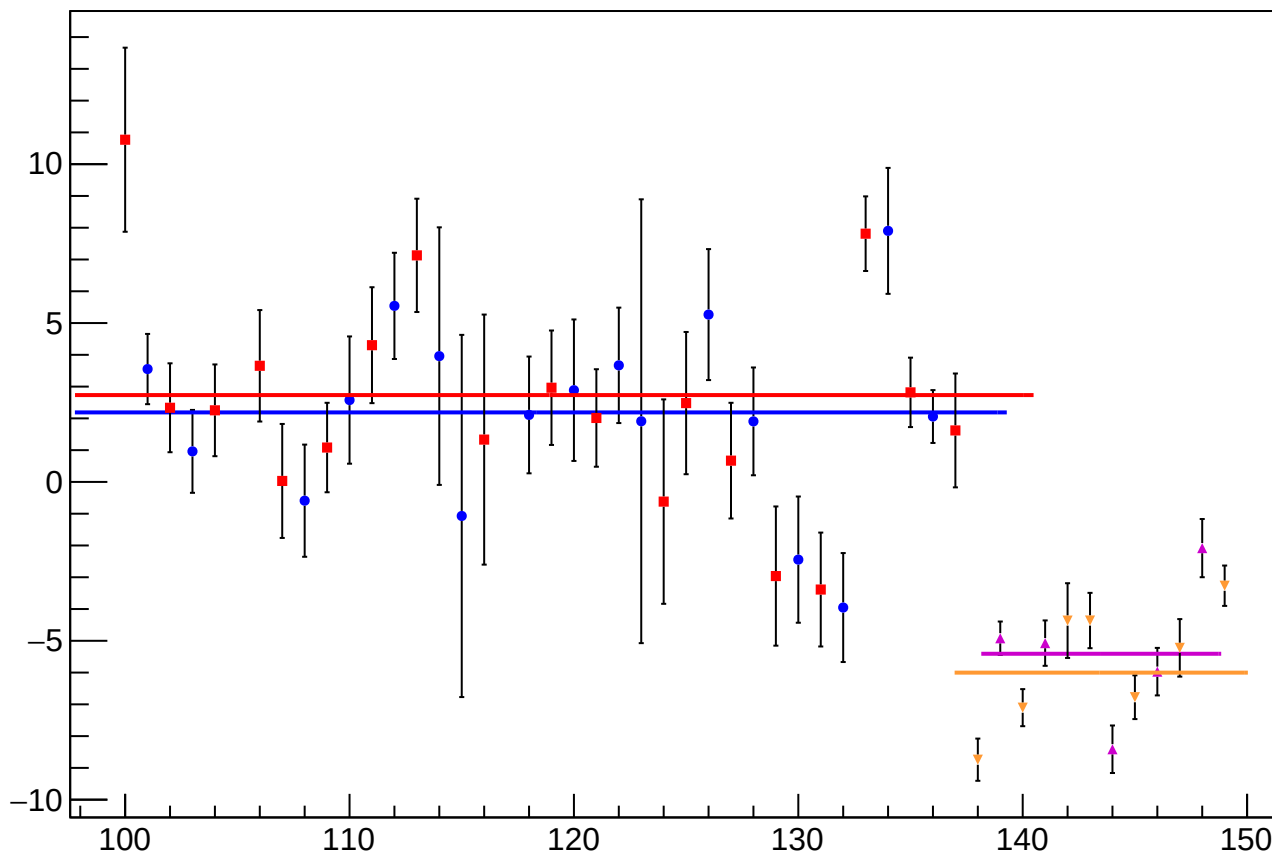
Left In: -57.033 ± 0.238 χ^2/NDF : 352.7/4

+ sign -58.464 ± 0.148 χ^2/NDF : 2214.5/23

All: -58.429 ± 0.108 χ^2/NDF : 5538.3/47

- 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 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.002 ± 0.277 $\chi^2/\text{NDF}: 46.6/6$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

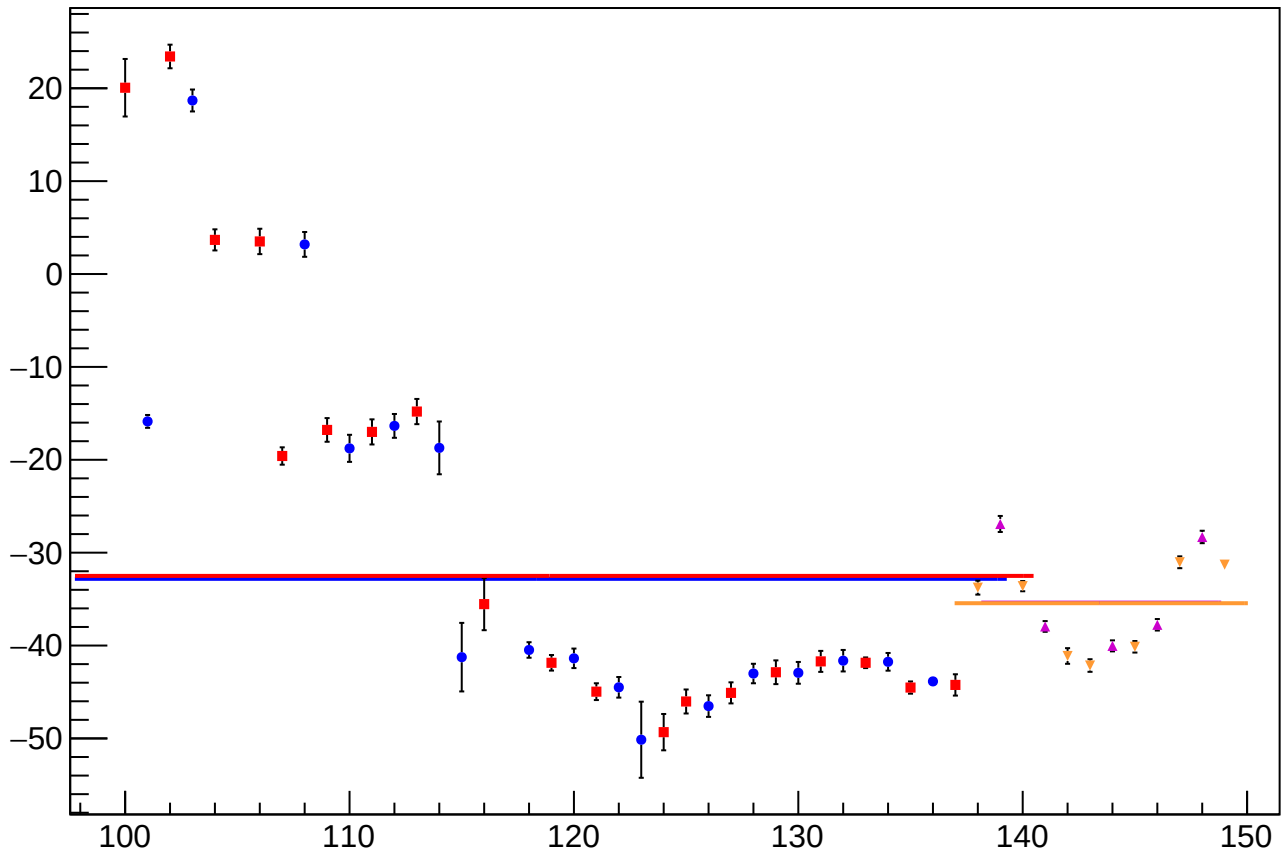
Left In: -5.408 ± 0.311 $\chi^2/\text{NDF}: 31.0/4$

+ sign -3.387 ± 0.228 $\chi^2/\text{NDF}: 365.3/23$

All: -2.838 ± 0.166 $\chi^2/\text{NDF}: 735.8/47$

- sign -2.219 ± 0.243 $\chi^2/\text{NDF}: 358.2/23$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 χ^2/NDF : 4666.6/16

Left Out: -35.442 ± 0.241 χ^2/NDF : 325.6/6

Right Out: -32.501 ± 0.244 χ^2/NDF : 6037.9/18

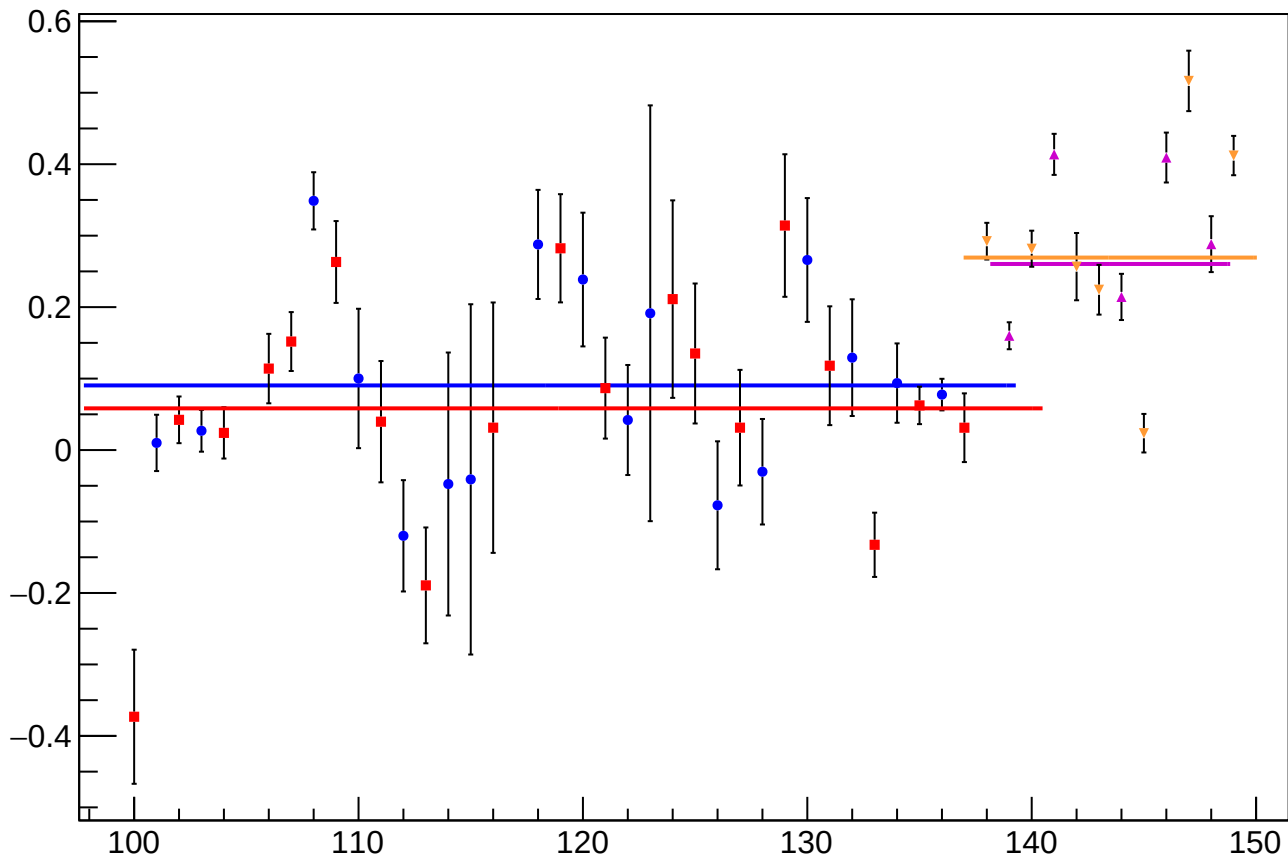
Left In: -35.378 ± 0.289 χ^2/NDF : 303.7/4

+ sign -34.201 ± 0.175 χ^2/NDF : 5048.5/23

All: -33.967 ± 0.127 χ^2/NDF : 11451.9/47

- 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: 0.269 ± 0.011 χ^2/NDF : 146.9/6

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.3/18

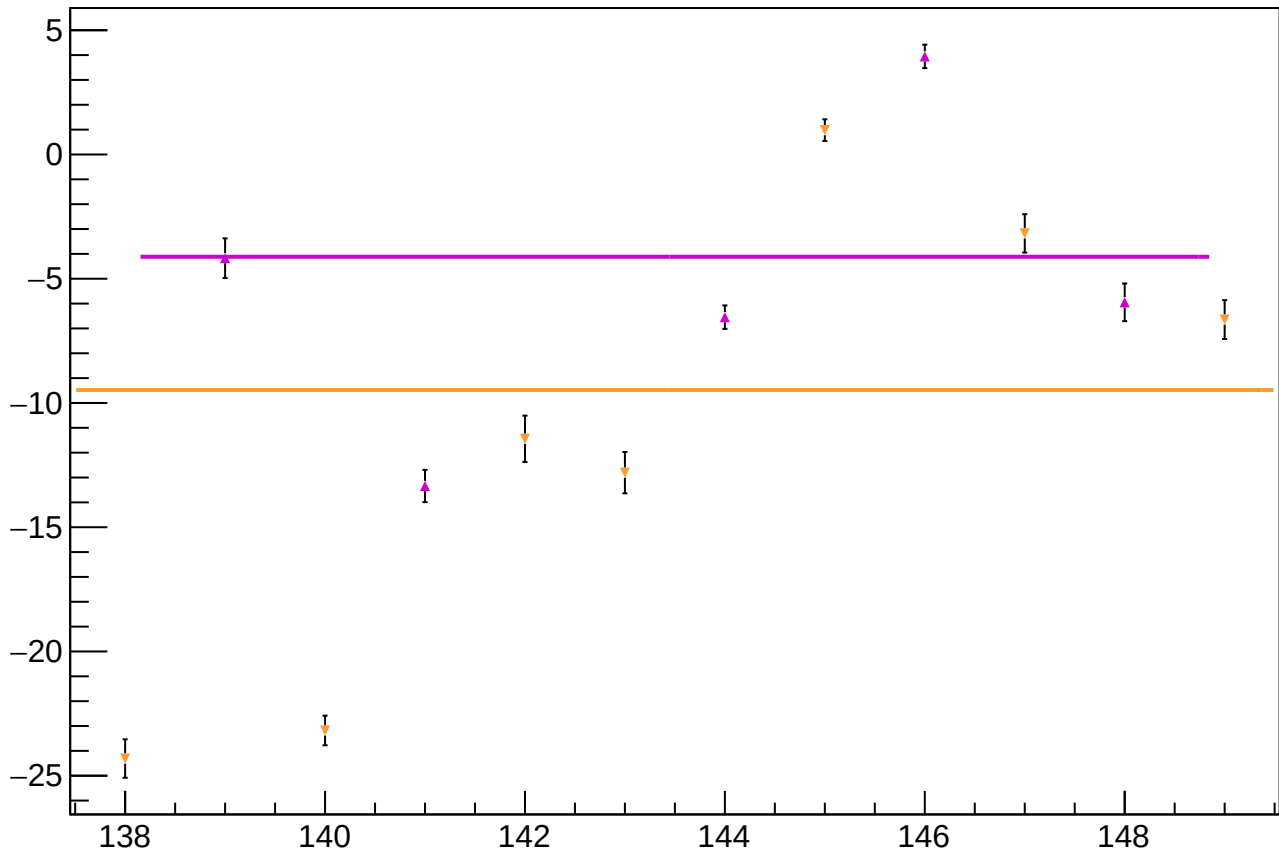
Left In: 0.260 ± 0.012 χ^2/NDF : 77.6/4

+ sign 0.189 ± 0.009 χ^2/NDF : 335.3/23

All: 0.173 ± 0.006 χ^2/NDF : 642.2/47

- 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: -9.479+/-0.253 χ^2/NDF :1569.3/6

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

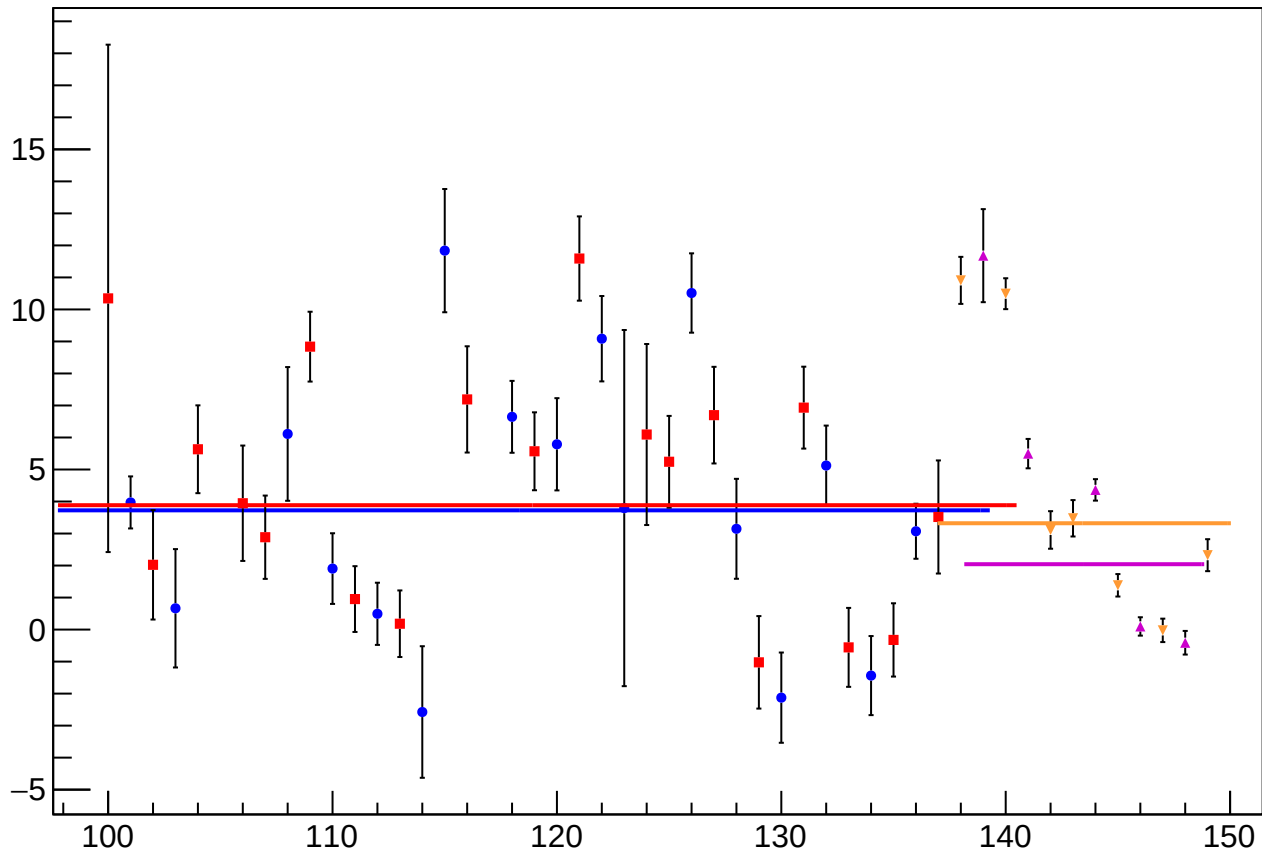
Left In: -4.116+/-0.261 χ^2/NDF :525.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.884+/-0.182 χ^2/NDF : 2312.4/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 3.321 ± 0.177 χ^2/NDF : 445.9/6

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

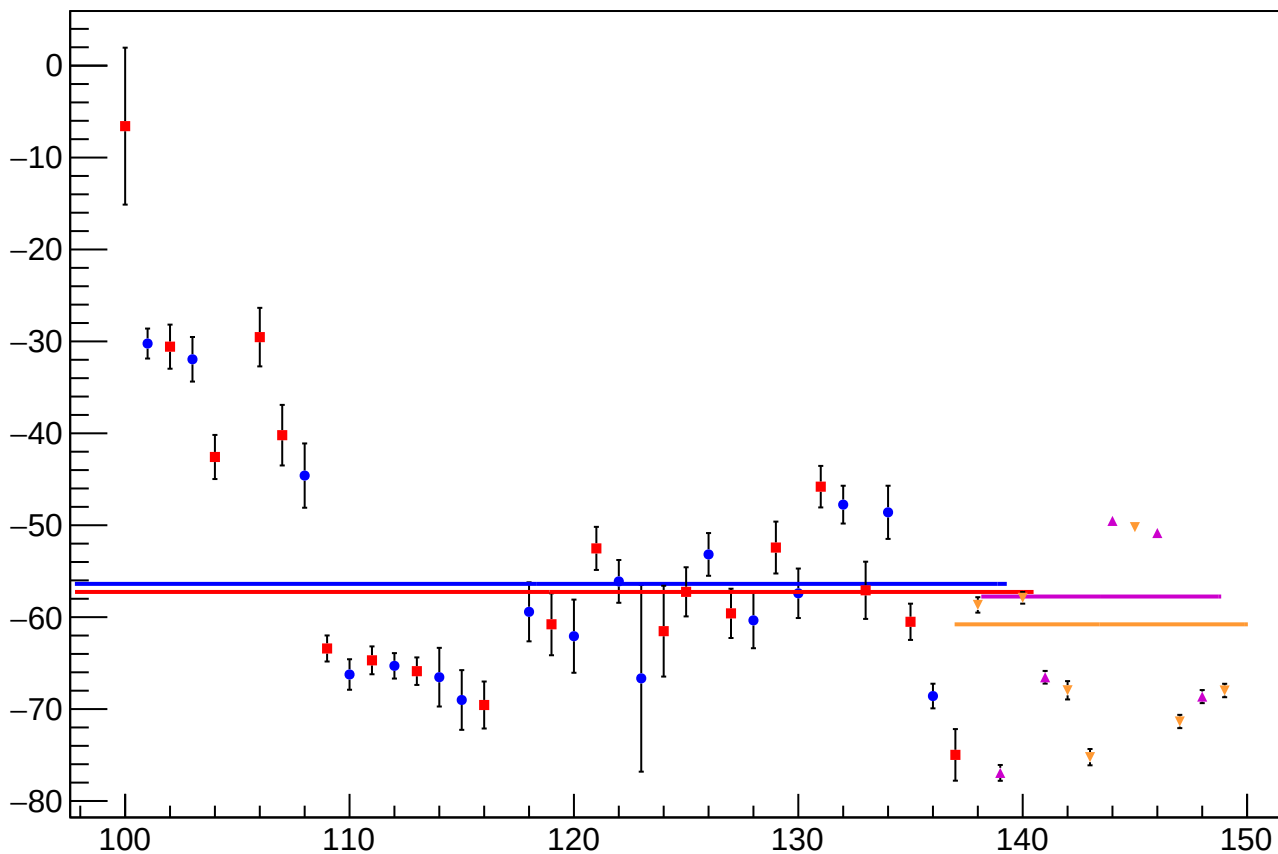
Left In: 2.042 ± 0.173 χ^2/NDF : 238.6/4

+ sign 3.422 ± 0.154 χ^2/NDF : 583.9/23

All: 2.936 ± 0.108 χ^2/NDF : 1002.7/47

- sign 2.465 ± 0.151 χ^2/NDF : 399.1/23

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -60.781 ± 0.262 $\chi^2/\text{NDF}: 1174.8/6$

Right Out: -57.258 ± 0.536 $\chi^2/\text{NDF}: 476.1/18$

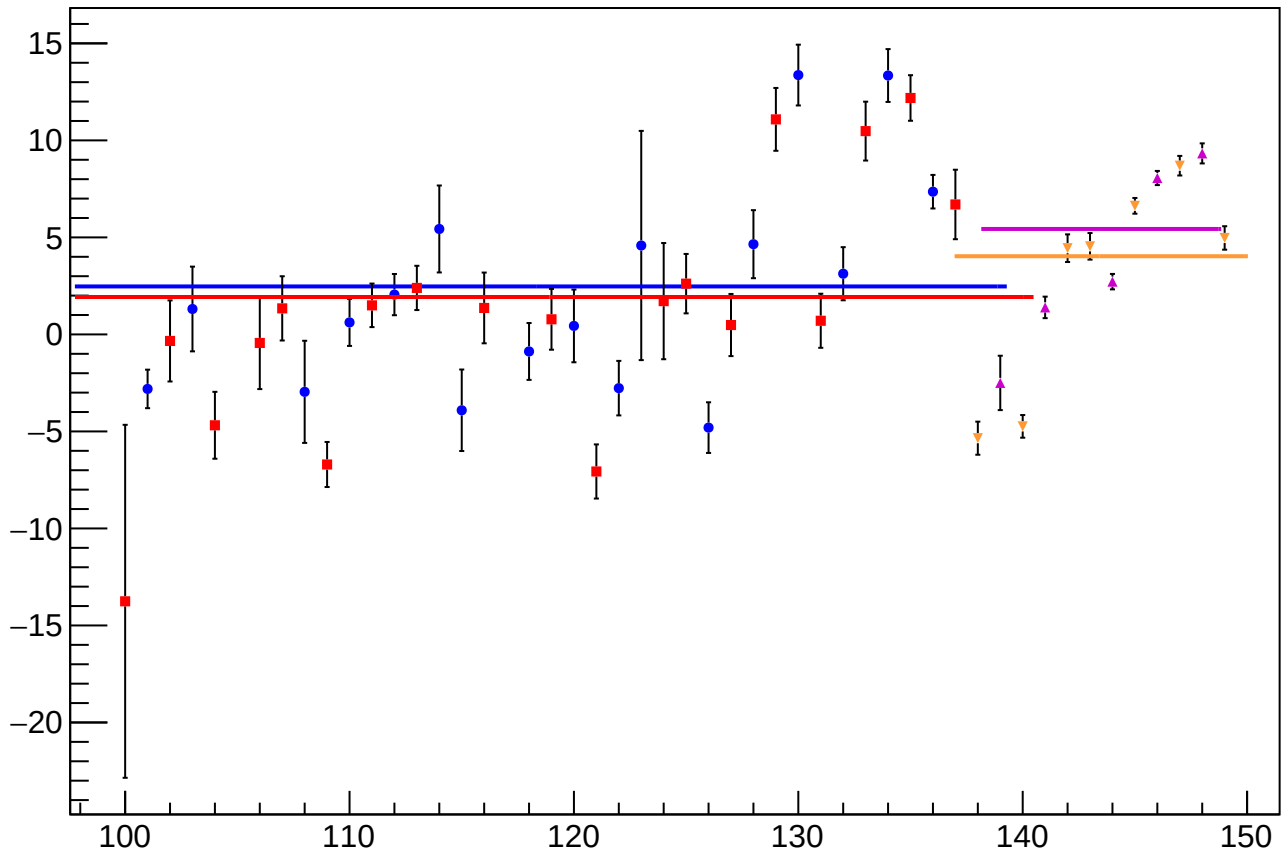
Left In: -57.756 ± 0.265 $\chi^2/\text{NDF}: 1390.1/4$

+ sign -59.949 ± 0.236 $\chi^2/\text{NDF}: 1815.7/23$

All: -58.814 ± 0.167 $\chi^2/\text{NDF}: 3729.5/47$

- sign -57.658 ± 0.238 $\chi^2/\text{NDF}: 1866.9/23$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.029 ± 0.217 χ^2/NDF : 476.0/6

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

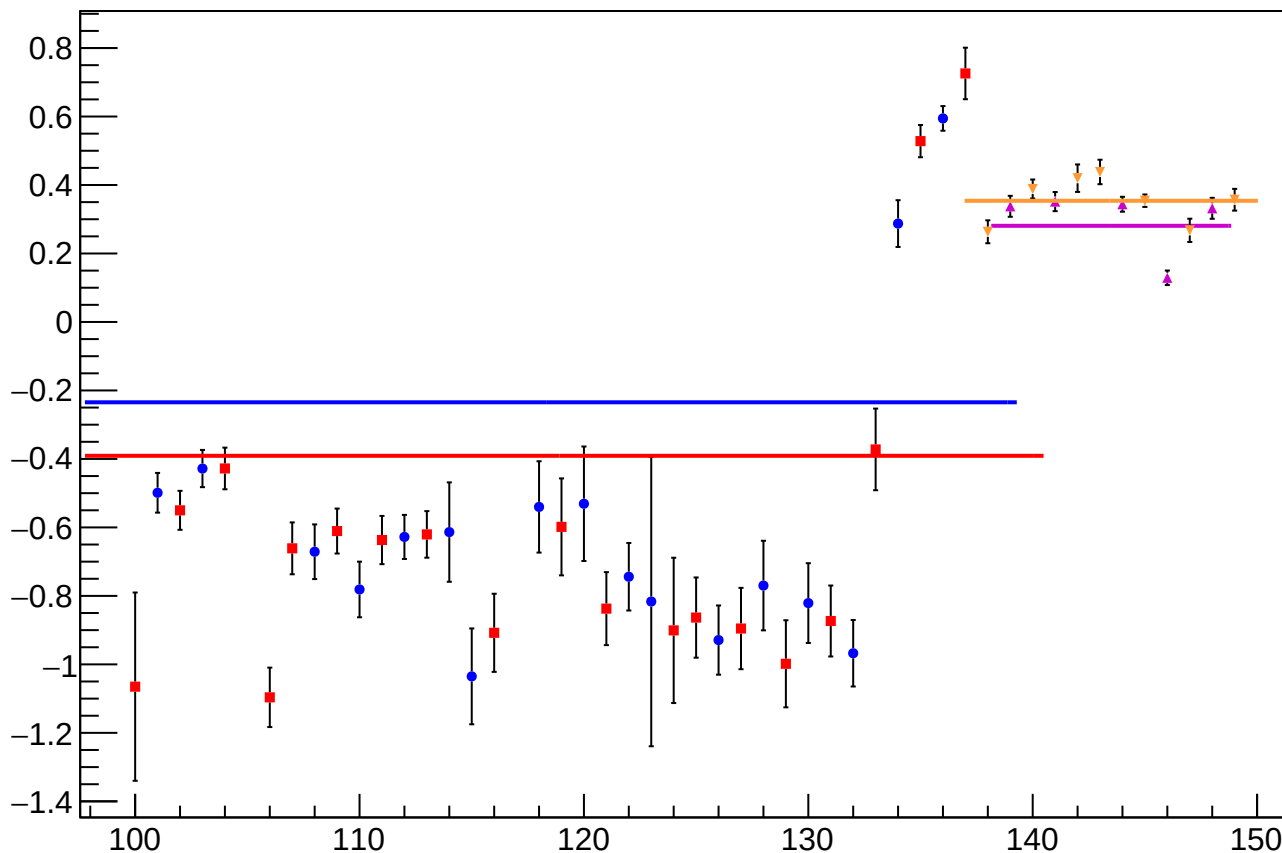
Left In: 5.435 ± 0.216 χ^2/NDF : 240.5/4

+ sign 3.588 ± 0.184 χ^2/NDF : 734.1/23

All: 4.034 ± 0.130 χ^2/NDF : 1324.3/47

- 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 ± 0.011 χ^2/NDF : 23.6/6

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

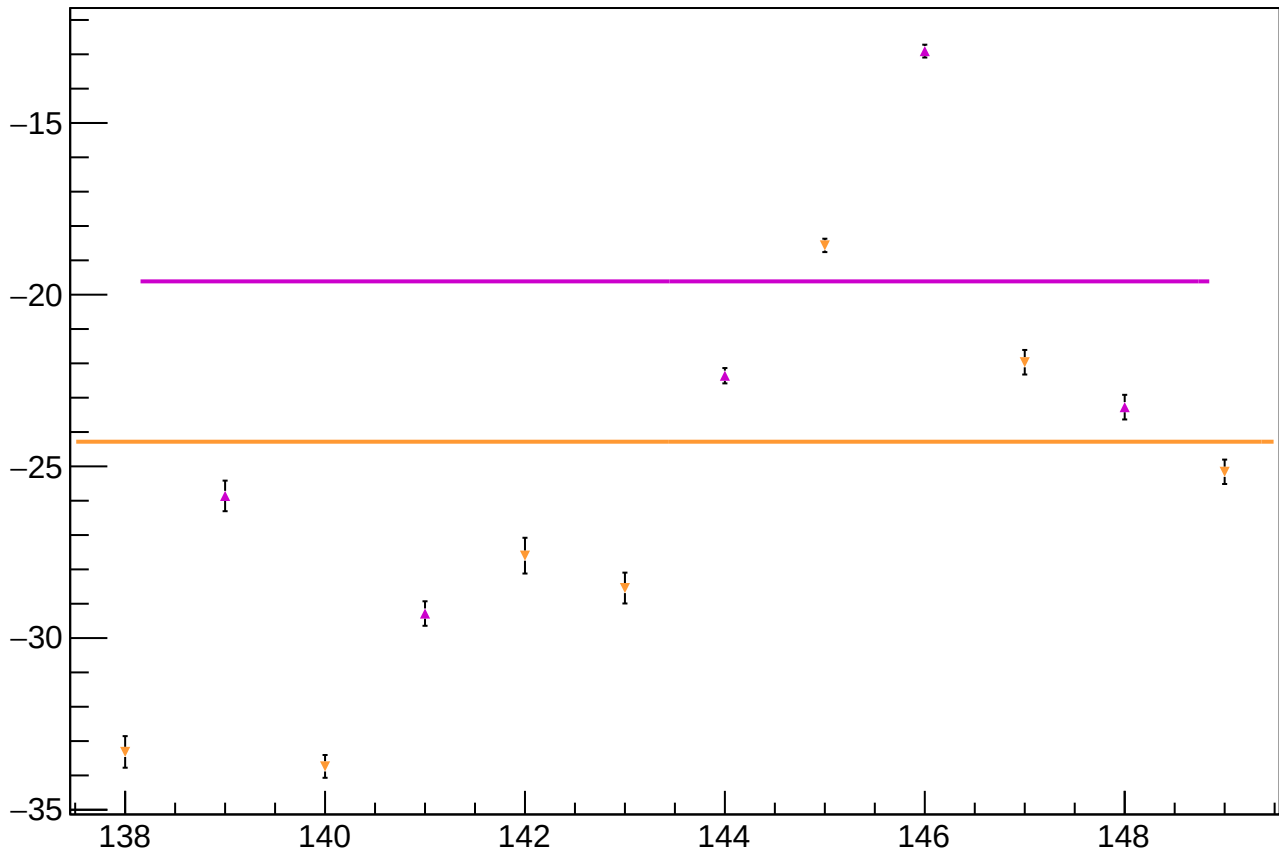
Left In: 0.281 ± 0.011 χ^2/NDF : 72.5/4

+ sign 0.208 ± 0.009 χ^2/NDF : 1712.6/23

All: 0.157 ± 0.007 χ^2/NDF : 3621.5/47

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -24.282 $\pm$ 0.124 χ^2 /NDF:2236.7/6

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

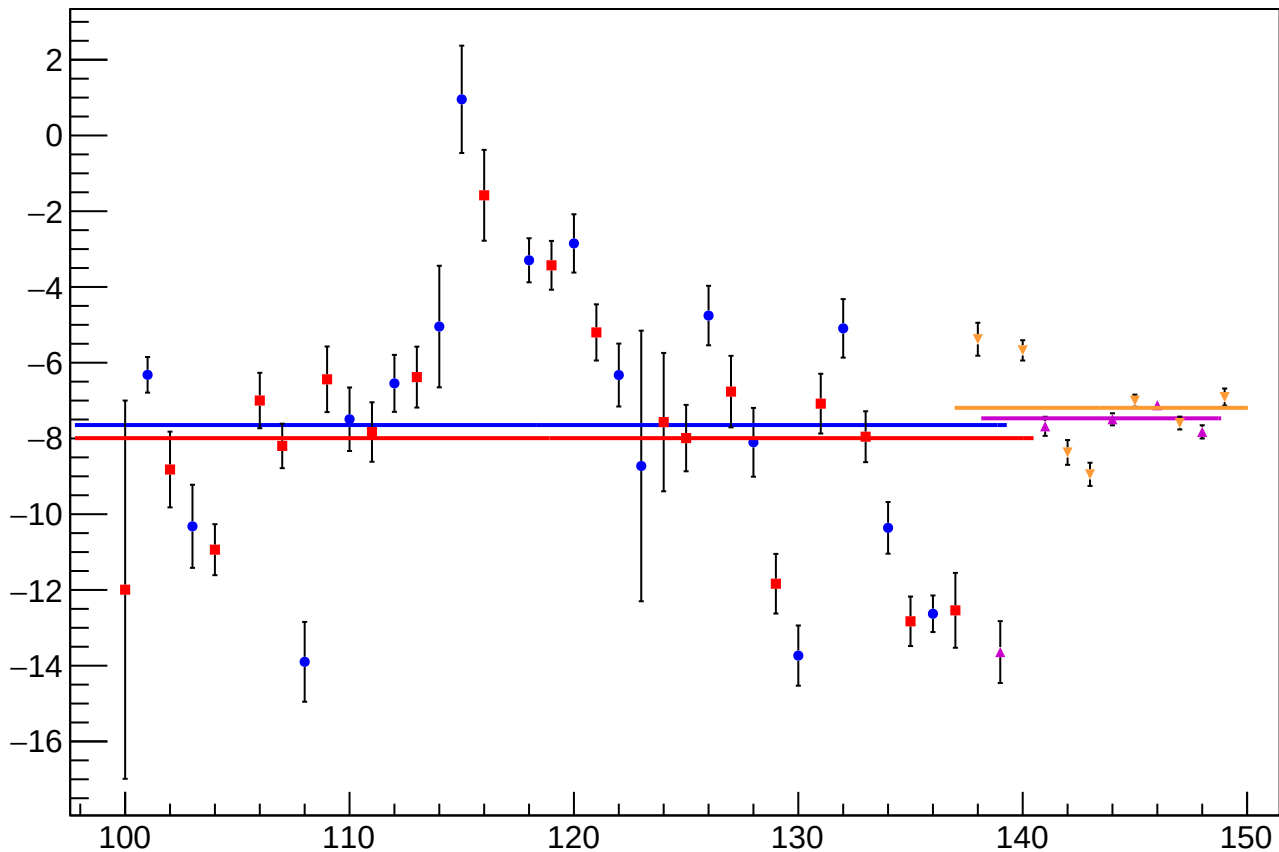
Left In: -19.613 $\pm$ 0.120 χ^2 /NDF:2467.1/4

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

All: -21.866 $\pm$ 0.086 χ^2 /NDF: 5431.7/11

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

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646+/-0.186 χ^2/NDF : 393.6/16

Left Out: -7.192+/-0.087 χ^2/NDF : 103.7/6

Right Out: -7.992+/-0.186 χ^2/NDF : 225.5/18

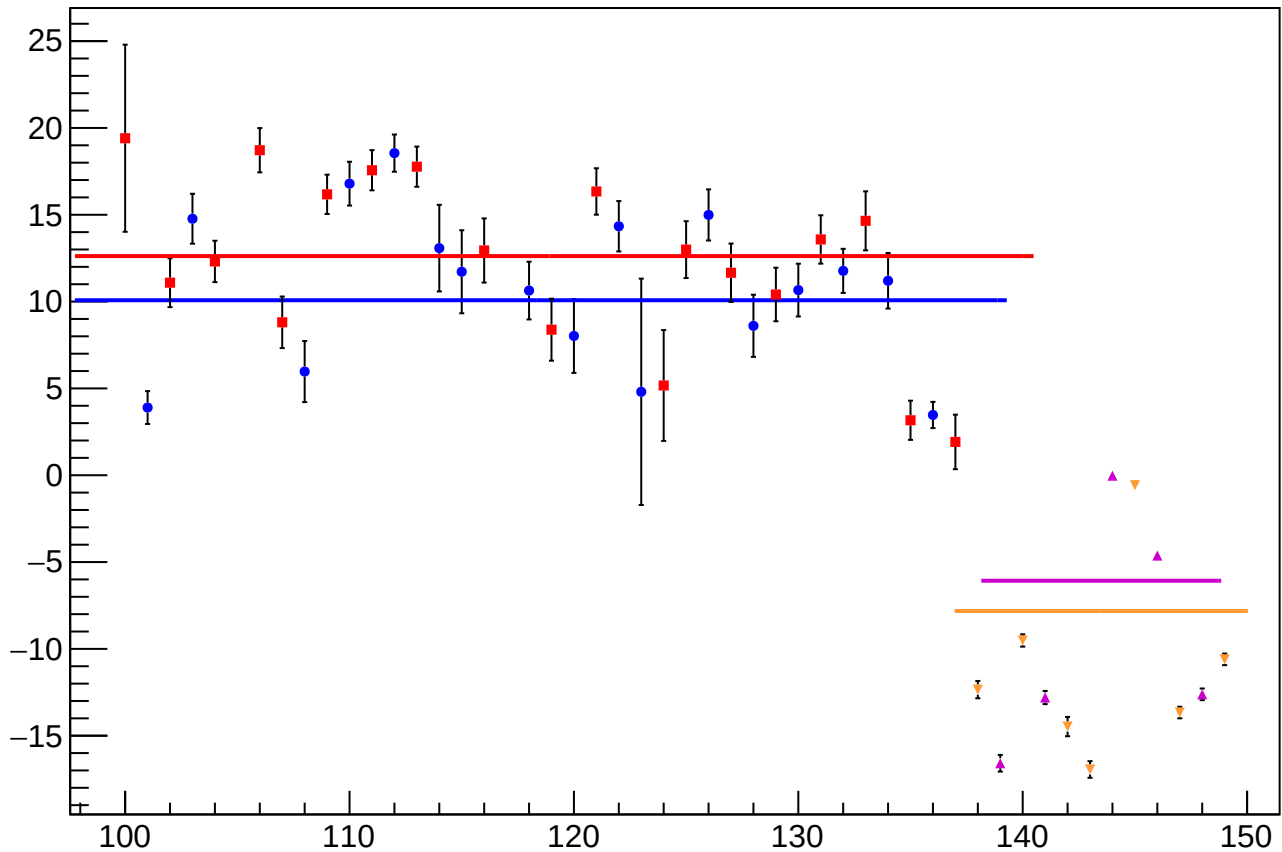
Left In: -7.469+/-0.078 χ^2/NDF : 70.7/4

+ sign -7.273+/-0.079 χ^2/NDF : 502.2/23

All: -7.422+/-0.053 χ^2/NDF : 811.7/47

- 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 $\pm$ 0.337 χ^2 /NDF: 252.8/16

Left Out: -7.819 $\pm$ 0.128 χ^2 /NDF: 2223.4/6

Right Out: 12.620 $\pm$ 0.332 χ^2 /NDF: 220.0/18

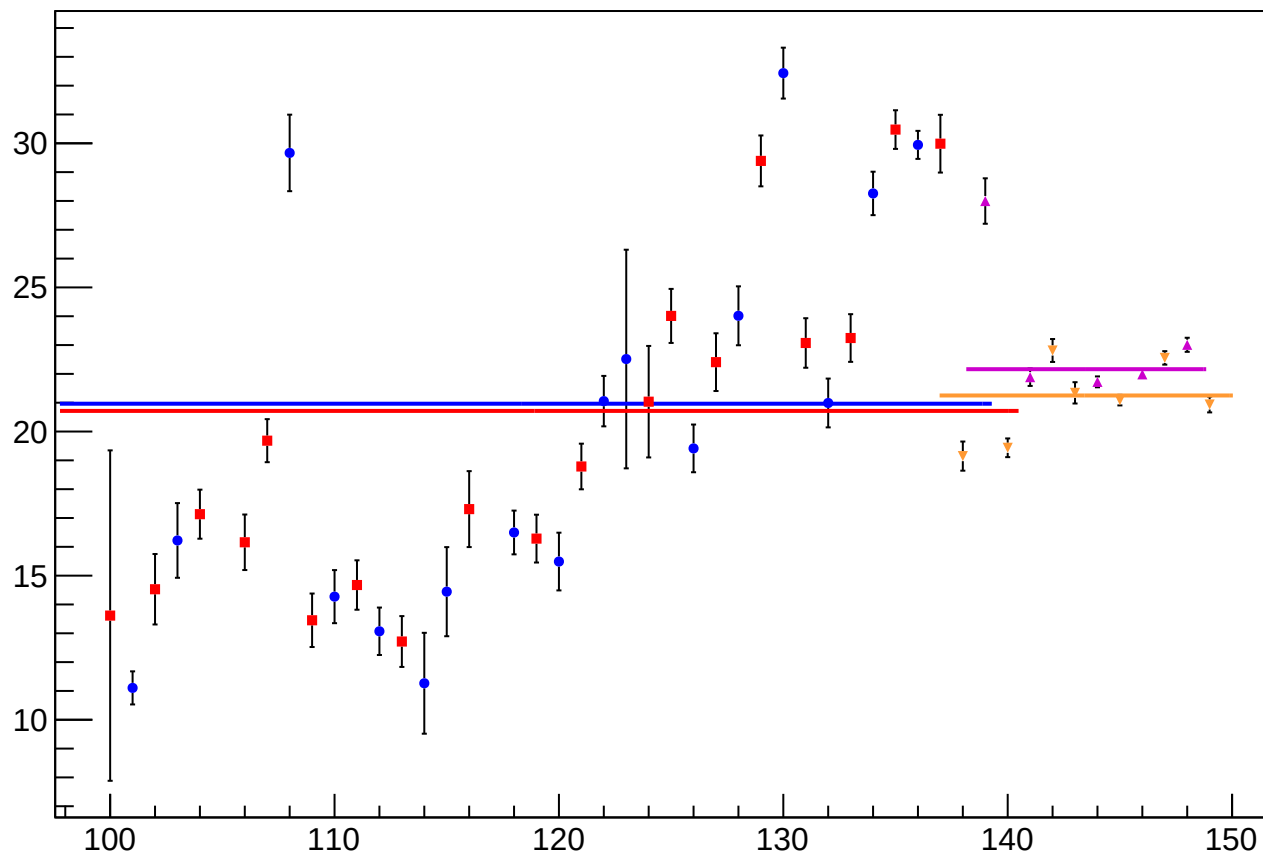
Left In: -6.075 $\pm$ 0.121 χ^2 /NDF: 1873.2/4

+ sign -5.565 $\pm$ 0.120 χ^2 /NDF: 4944.4/23

All: -4.685 $\pm$ 0.082 χ^2 /NDF: 9933.7/47

- sign -3.889 $\pm$ 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: 21.251 $\pm$ 0.106 χ^2 /NDF: 97.2/6

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

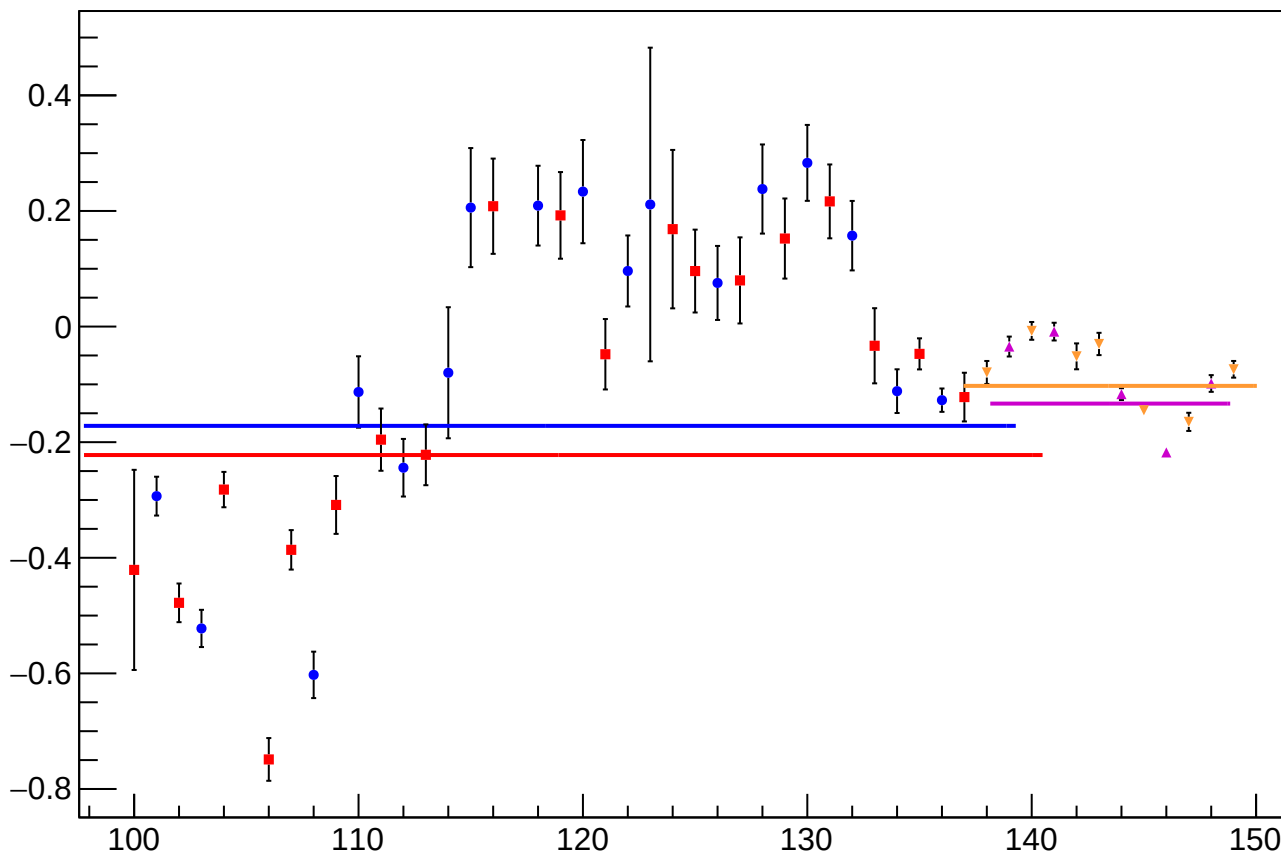
Left In: 22.163 $\pm$ 0.098 χ^2 /NDF: 74.5/4

+ sign 21.192 $\pm$ 0.095 χ^2 /NDF: 1324.1/23

All: 21.572 $\pm$ 0.065 χ^2 /NDF: 2196.8/47

- 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: -0.103 ± 0.005 χ^2/NDF : 105.7/6

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

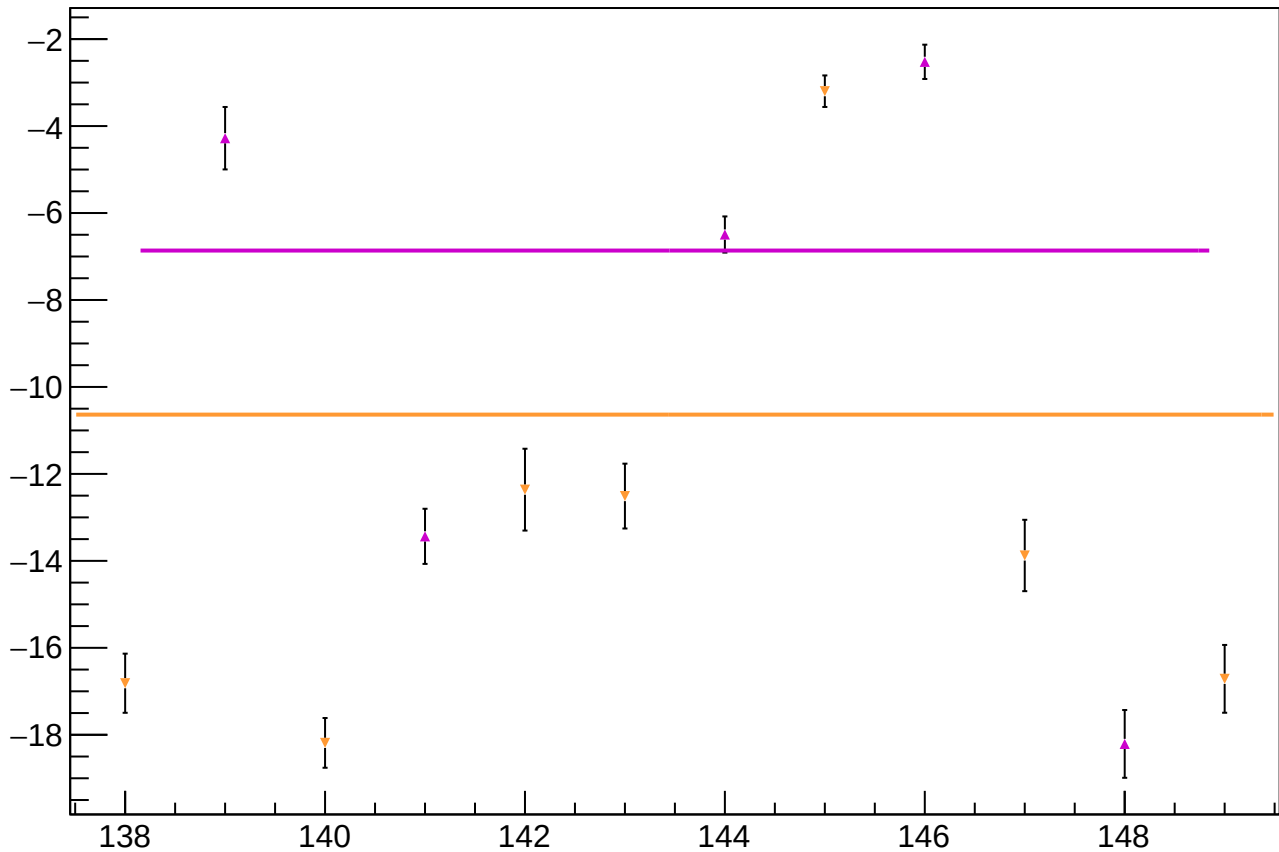
Left In: -0.133 ± 0.005 χ^2/NDF : 207.1/4

+ sign -0.115 ± 0.005 χ^2/NDF : 601.1/23

All: -0.133 ± 0.003 χ^2/NDF : 1424.4/47

- 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: -10.636+/-0.230 χ^2/NDF : 763.3/6

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

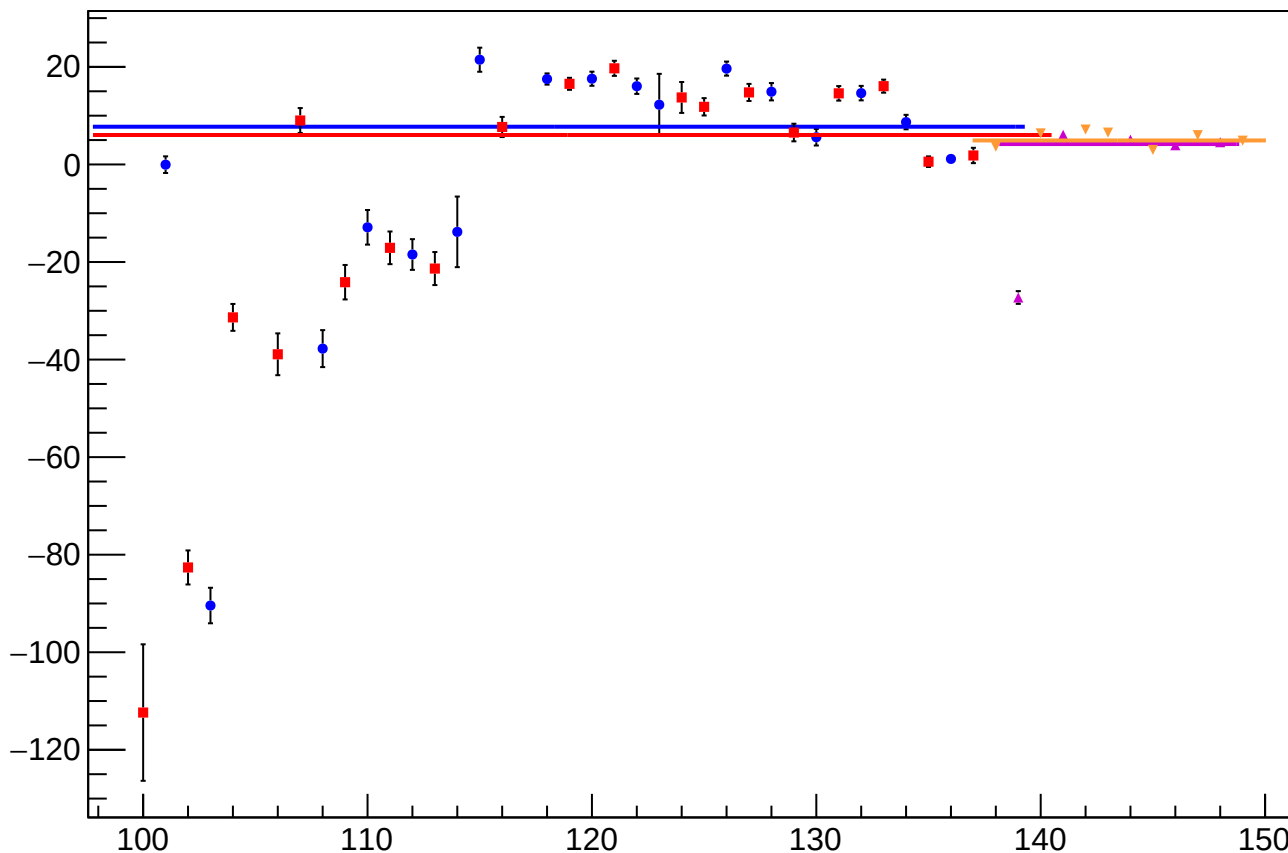
Left In: -6.863+/-0.234 χ^2/NDF : 454.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.780+/-0.164 χ^2/NDF : 1349.8/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 4.921 ± 0.166 χ^2/NDF : 90.5/6

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

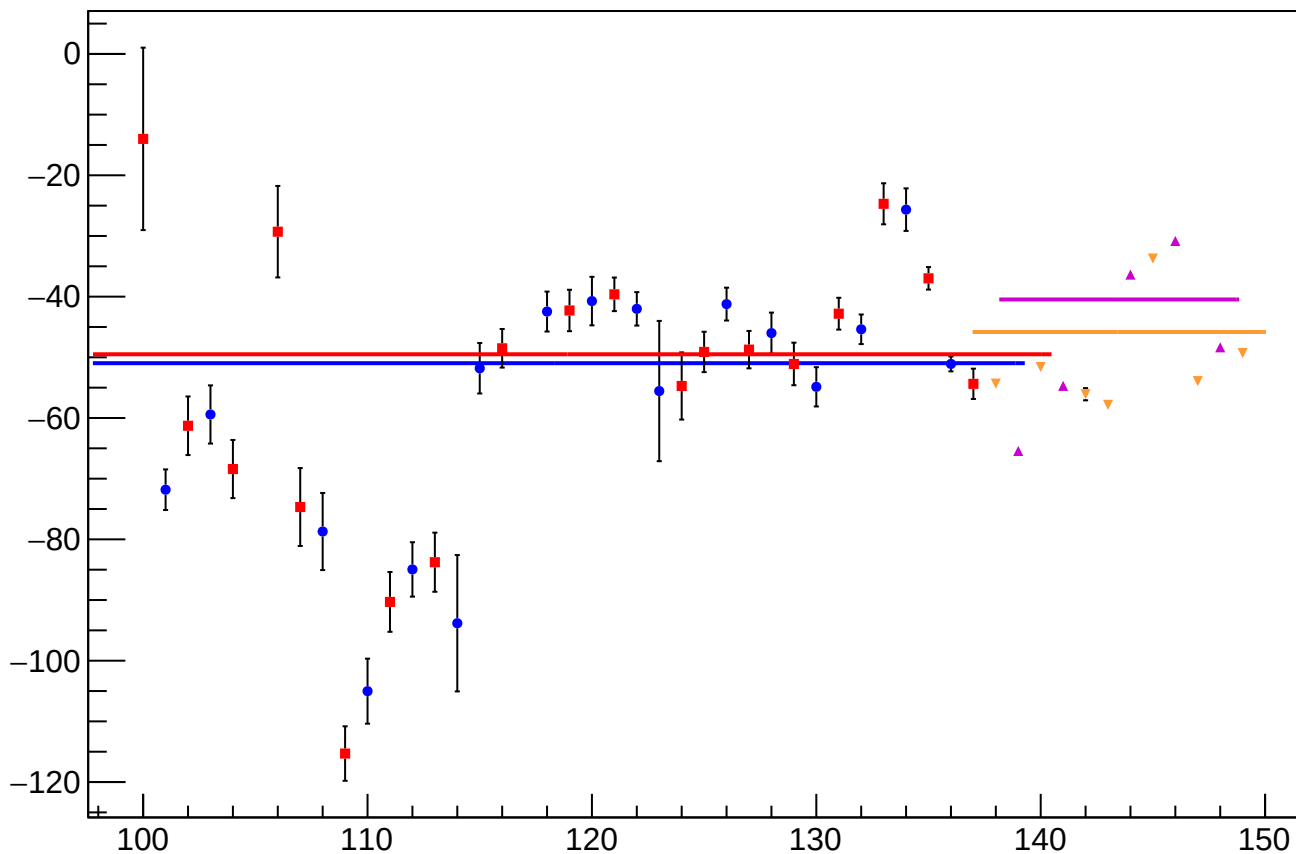
Left In: 4.183 ± 0.159 χ^2/NDF : 607.9/4

+ sign 5.329 ± 0.153 χ^2/NDF : 1490.7/23

All: 4.853 ± 0.107 χ^2/NDF : 3645.7/47

- sign 4.402 ± 0.149 χ^2/NDF : 2136.1/23

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -45.827 ± 0.240 χ^2/NDF : 1665.2/6

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

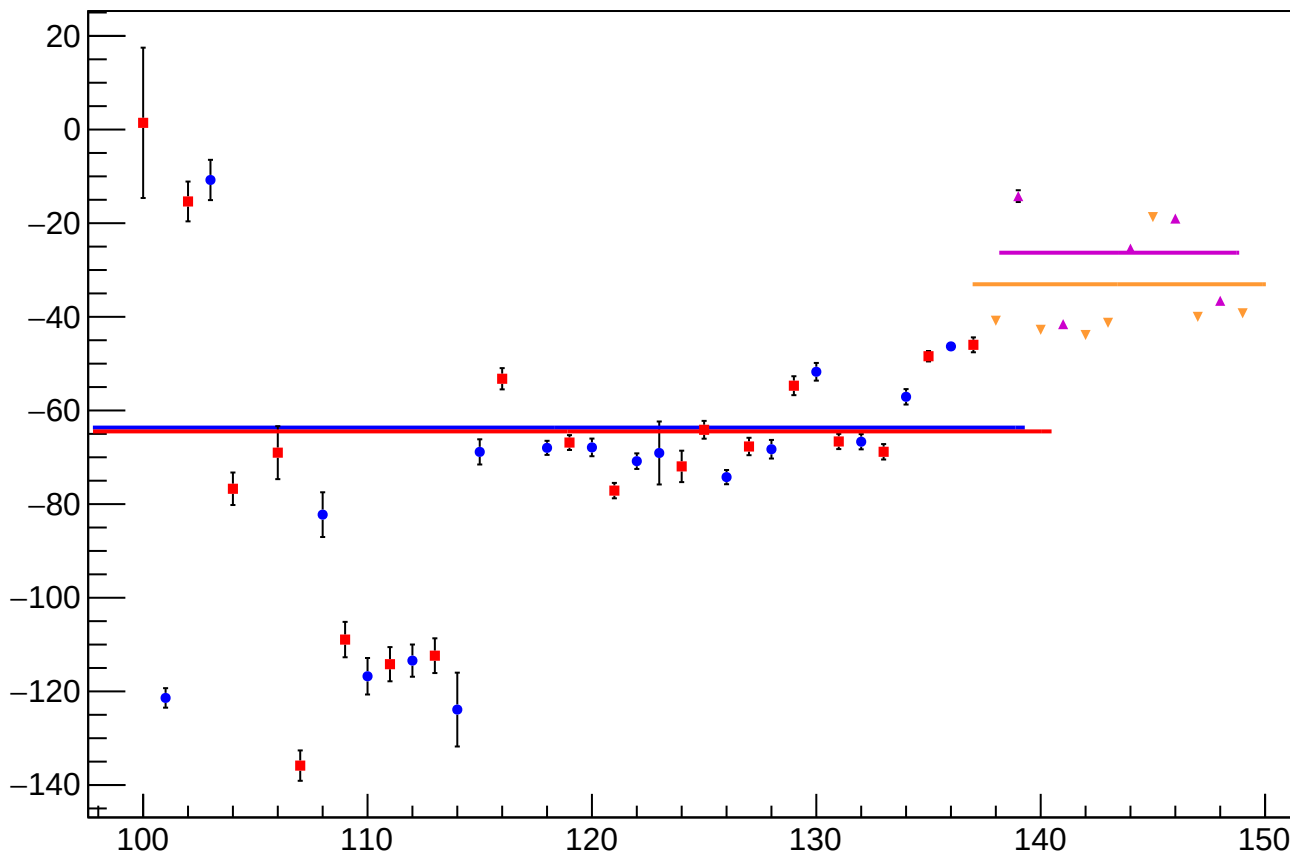
Left In: -40.468 ± 0.238 χ^2/NDF : 2325.8/4

+ sign -46.319 ± 0.228 χ^2/NDF : 2041.8/23

All: -43.757 ± 0.161 χ^2/NDF : 5247.1/47

- 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 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

Left Out: -33.042 $\pm$ 0.201 χ^2 /NDF: 2932.4/6

Right Out: -64.470 $\pm$ 0.483 χ^2 /NDF: 1606.8/18

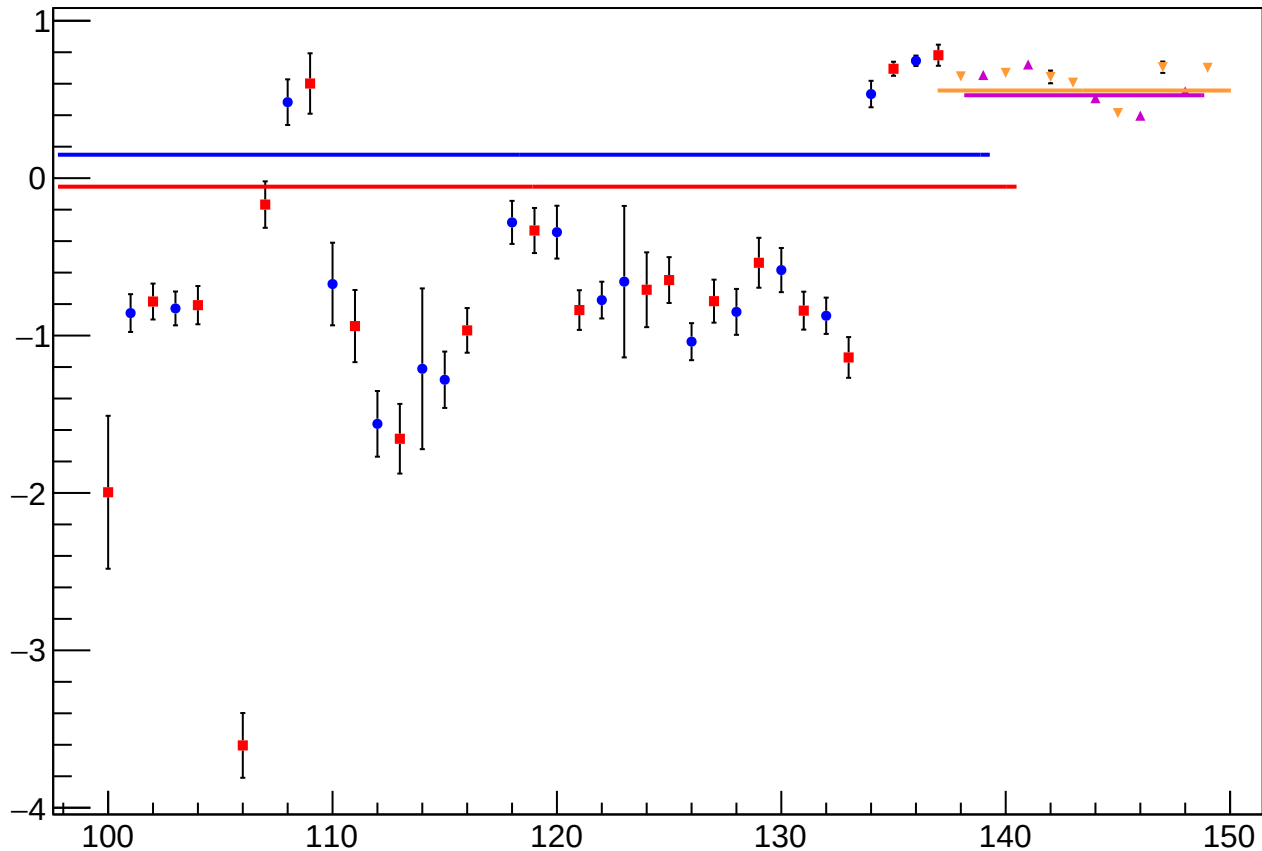
Left In: -26.304 $\pm$ 0.197 χ^2 /NDF: 1802.4/4

+ sign -38.230 $\pm$ 0.183 χ^2 /NDF: 8871.5/23

All: -34.979 $\pm$ 0.129 χ^2 /NDF: 18268.8/47

- sign -31.760 $\pm$ 0.182 χ^2 /NDF: 8771.5/23

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.557 ± 0.010 χ^2/NDF : 160.6/6

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

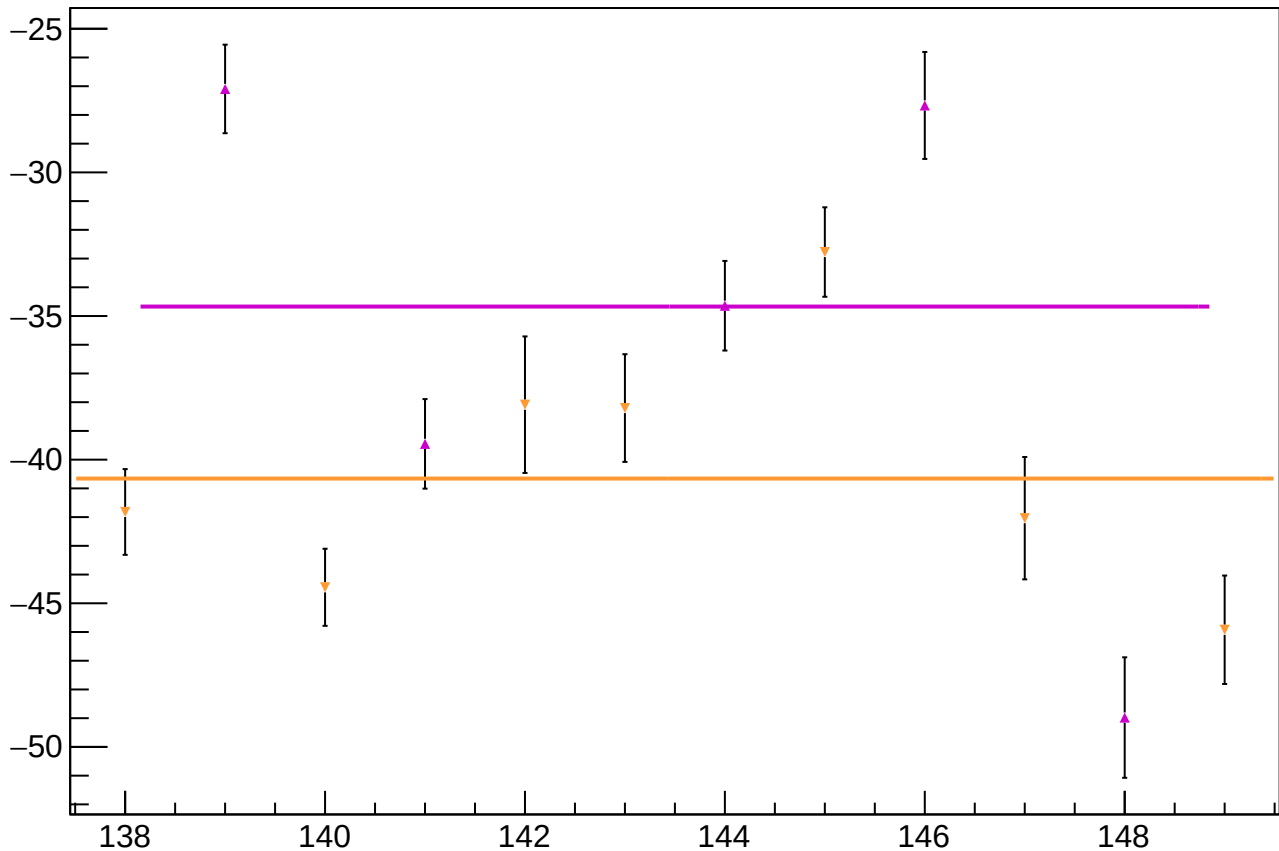
Left In: 0.527 ± 0.010 χ^2/NDF : 127.5/4

+ sign 0.498 ± 0.009 χ^2/NDF : 1398.2/23

All: 0.475 ± 0.007 χ^2/NDF : 3133.0/47

- sign 0.450 ± 0.010 χ^2/NDF : 1721.6/23

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -40.658 $\pm$ 0.648 χ^2 /NDF: 45.3/6

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

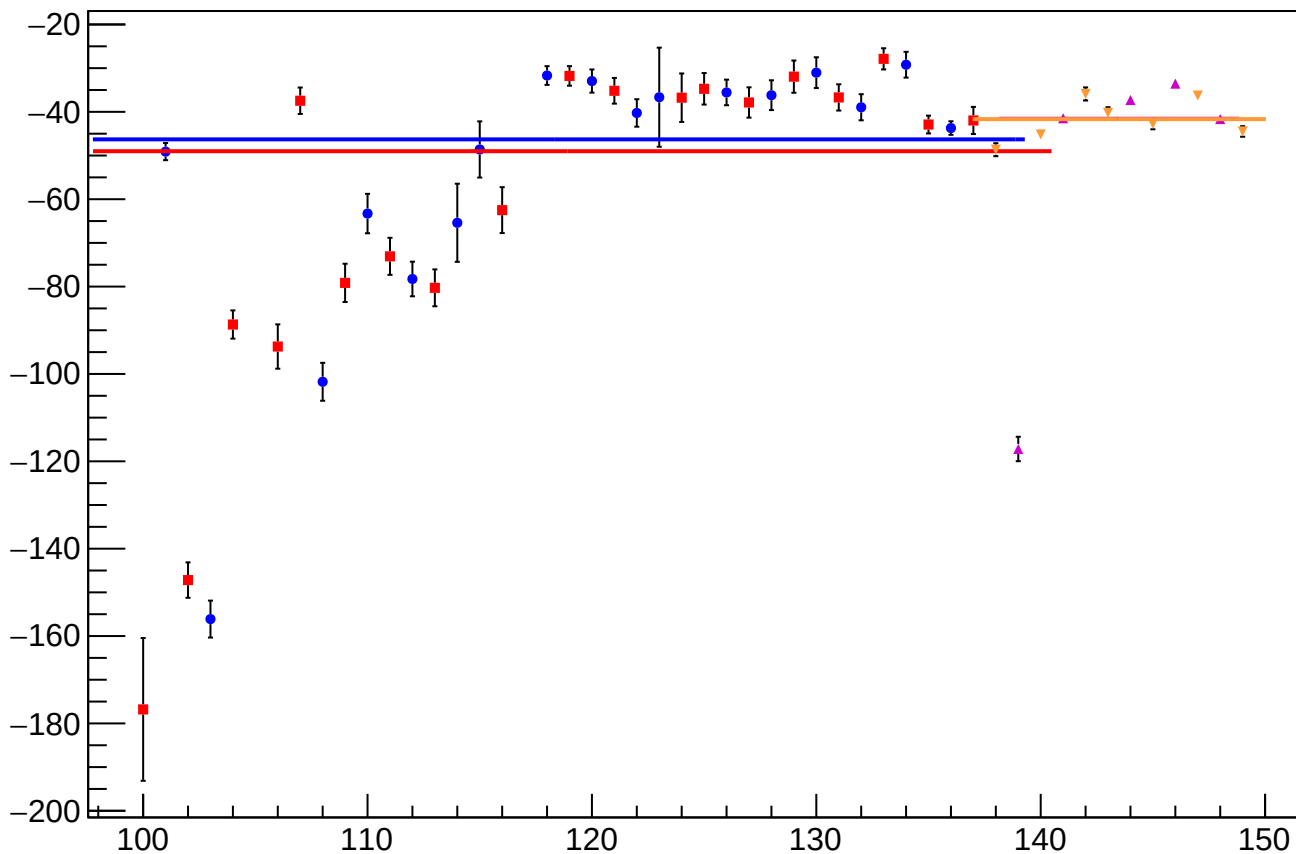
Left In: -34.671 $\pm$ 0.754 χ^2 /NDF: 94.2/4

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

All: -38.113 $\pm$ 0.491 χ^2 /NDF: 175.8/11

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -41.667 ± 0.466 χ^2/NDF : 82.7/6

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

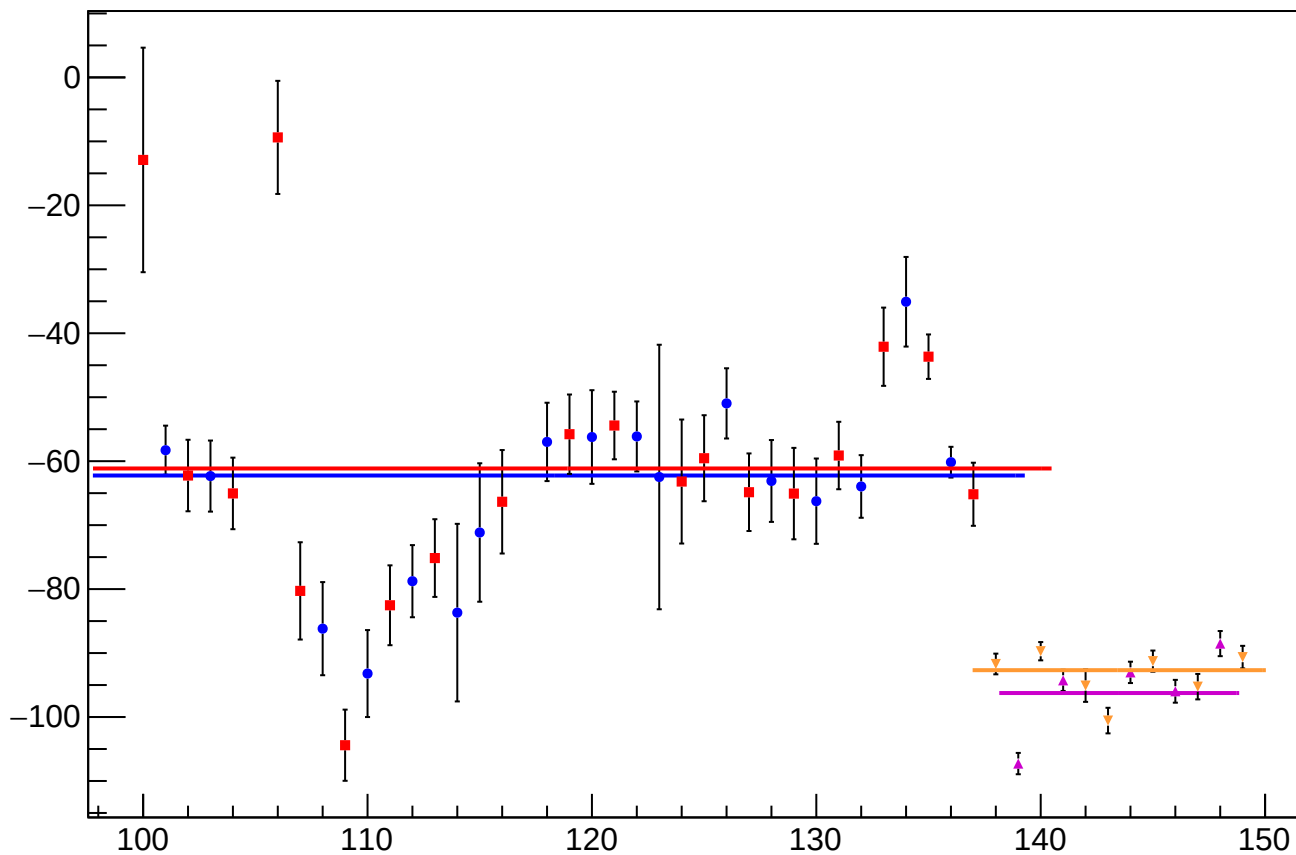
Left In: -41.582 ± 0.537 χ^2/NDF : 797.8/4

+ sign -43.027 ± 0.392 χ^2/NDF : 1195.8/23

All: -43.475 ± 0.292 χ^2/NDF : 3331.5/47

- sign -44.040 ± 0.439 χ^2/NDF : 2132.7/23

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -92.676 ± 0.672 χ^2/NDF : 24.8/6

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

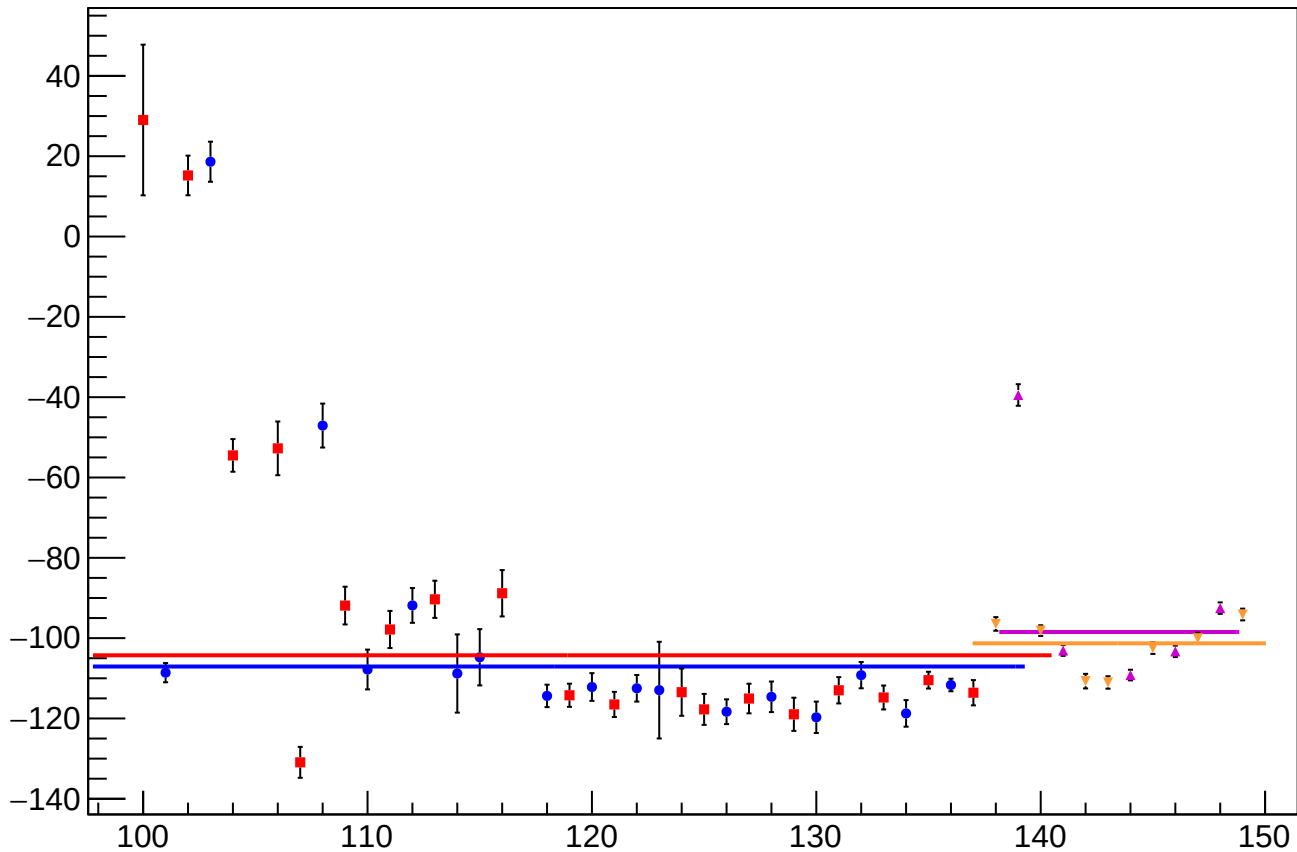
Left In: -96.249 ± 0.777 χ^2/NDF : 64.4/4

+ sign -86.340 ± 0.598 χ^2/NDF : 519.5/23

All: -86.975 ± 0.448 χ^2/NDF : 1243.7/47

- sign -87.790 ± 0.677 χ^2/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: -101.293 ± 0.569 χ^2/NDF : 105.7/6

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

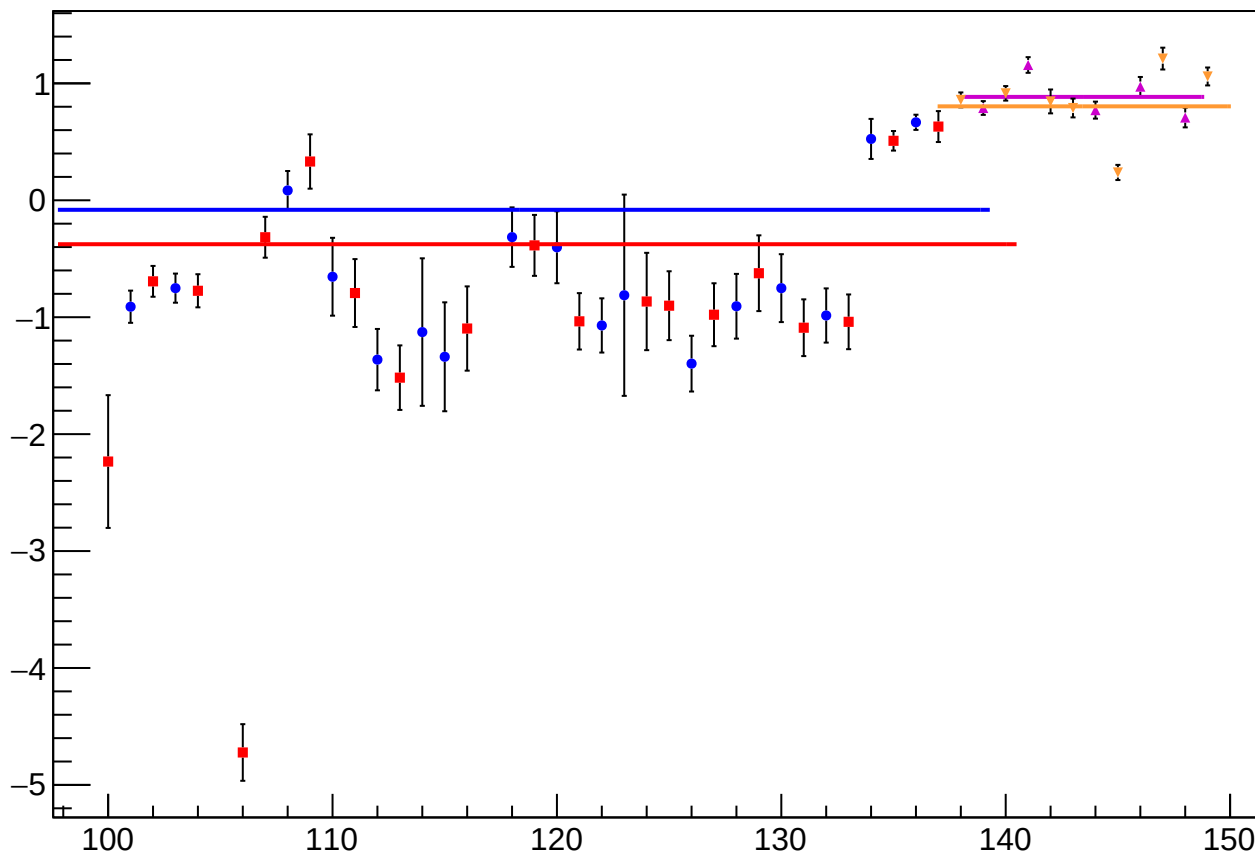
Left In: -98.472 ± 0.667 χ^2/NDF : 588.0/4

+ sign -103.197 ± 0.466 χ^2/NDF : 968.0/23

All: -102.078 ± 0.349 χ^2/NDF : 2616.1/47

- 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: 0.803 ± 0.028 χ^2/NDF : 110.5/6

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

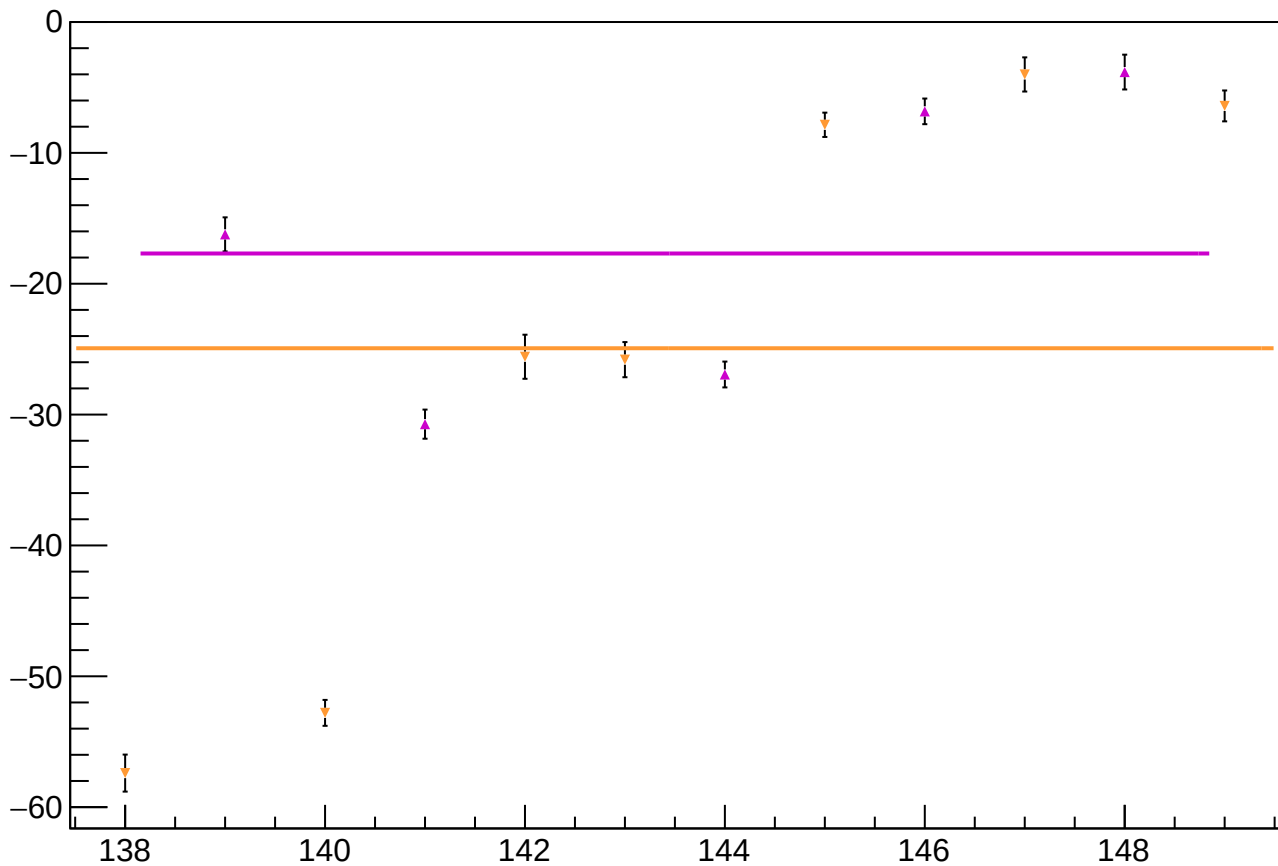
Left In: 0.884 ± 0.032 χ^2/NDF : 27.1/4

+ sign 0.533 ± 0.023 χ^2/NDF : 745.1/23

All: 0.496 ± 0.017 χ^2/NDF : 1901.1/47

- 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: -24.931+/-0.452 χ^2/NDF : 2160.0/6

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

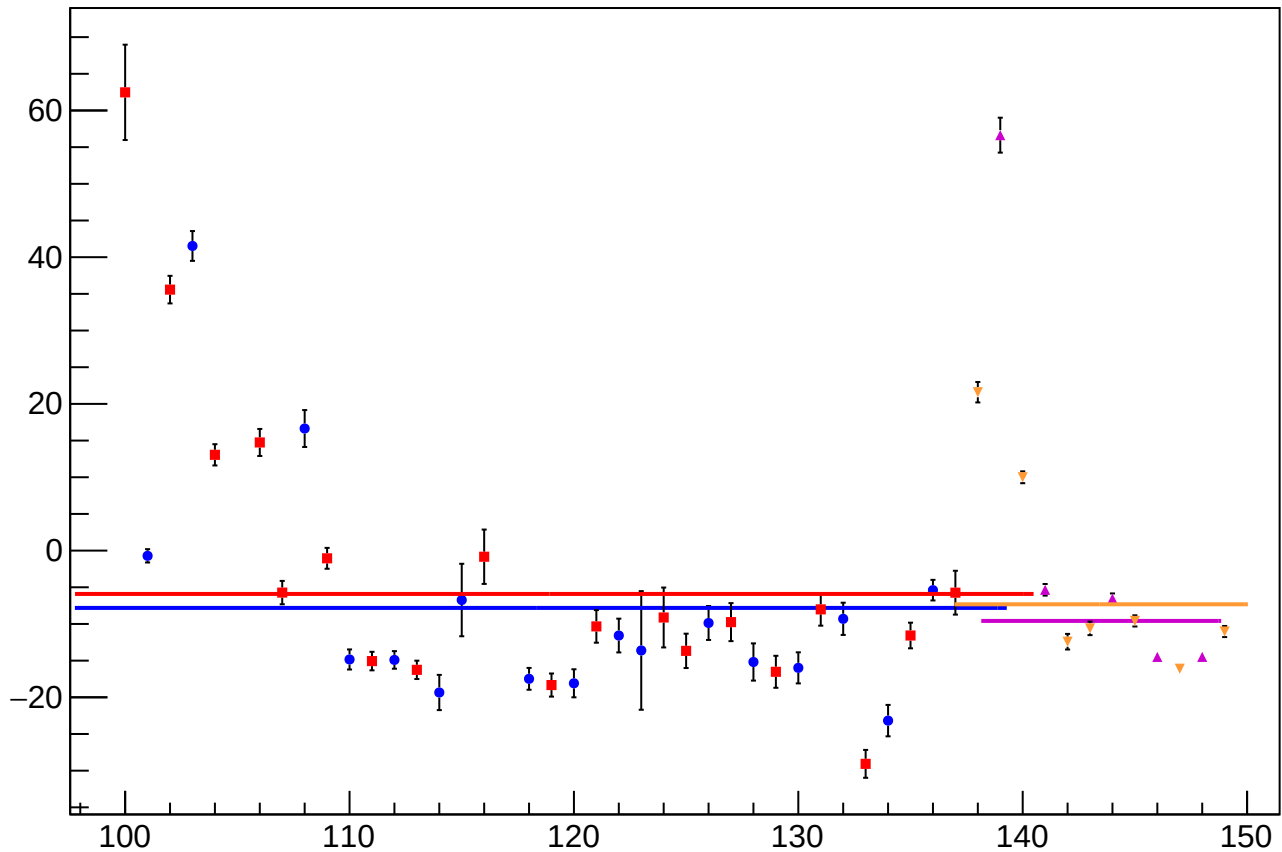
Left In: -17.690+/-0.498 χ^2/NDF : 458.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.658+/-0.335 χ^2/NDF : 2733.9/11

- 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: -7.319 ± 0.314 χ^2/NDF : 1156.7/6

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

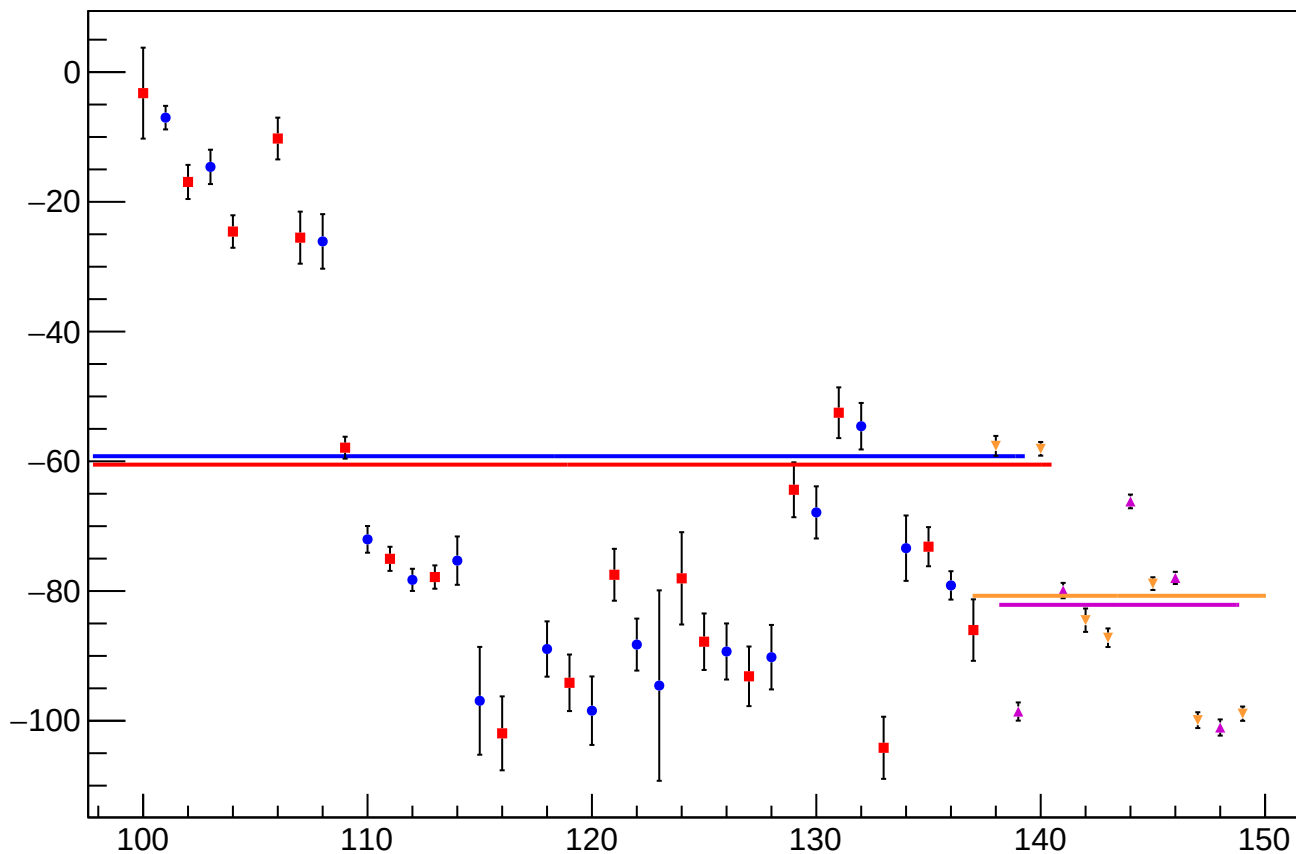
Left In: -9.586 ± 0.337 χ^2/NDF : 941.6/4

+ sign -7.492 ± 0.253 χ^2/NDF : 2140.4/23

All: -7.821 ± 0.183 χ^2/NDF : 4424.0/47

- 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: -80.732 ± 0.464 χ^2/NDF : 1235.7/6

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

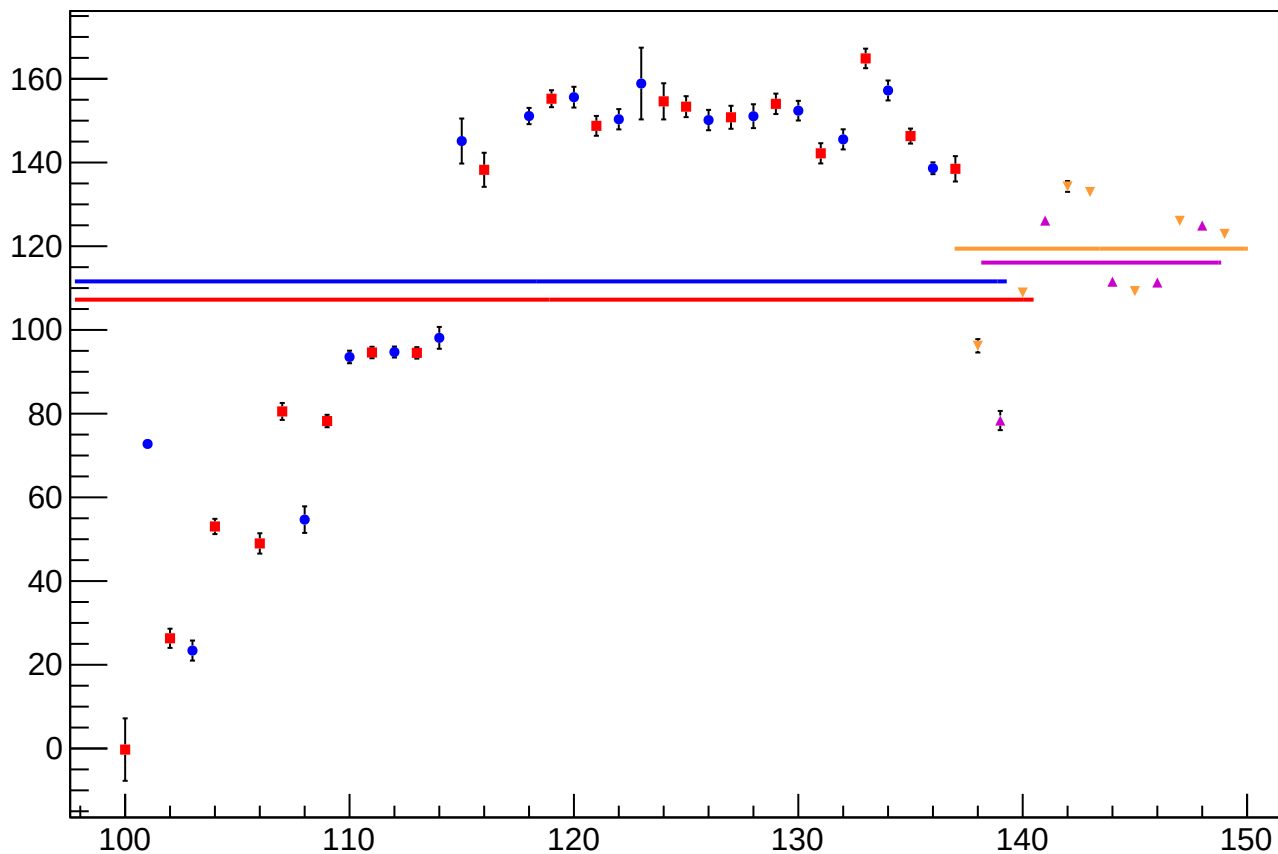
Left In: -82.128 ± 0.507 χ^2/NDF : 617.5/4

+ sign -74.705 ± 0.394 χ^2/NDF : 3558.7/23

All: -74.724 ± 0.284 χ^2/NDF : 6180.5/47

- 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: 119.422 $\pm$ 0.386 χ^2 /NDF: 816.4/6

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

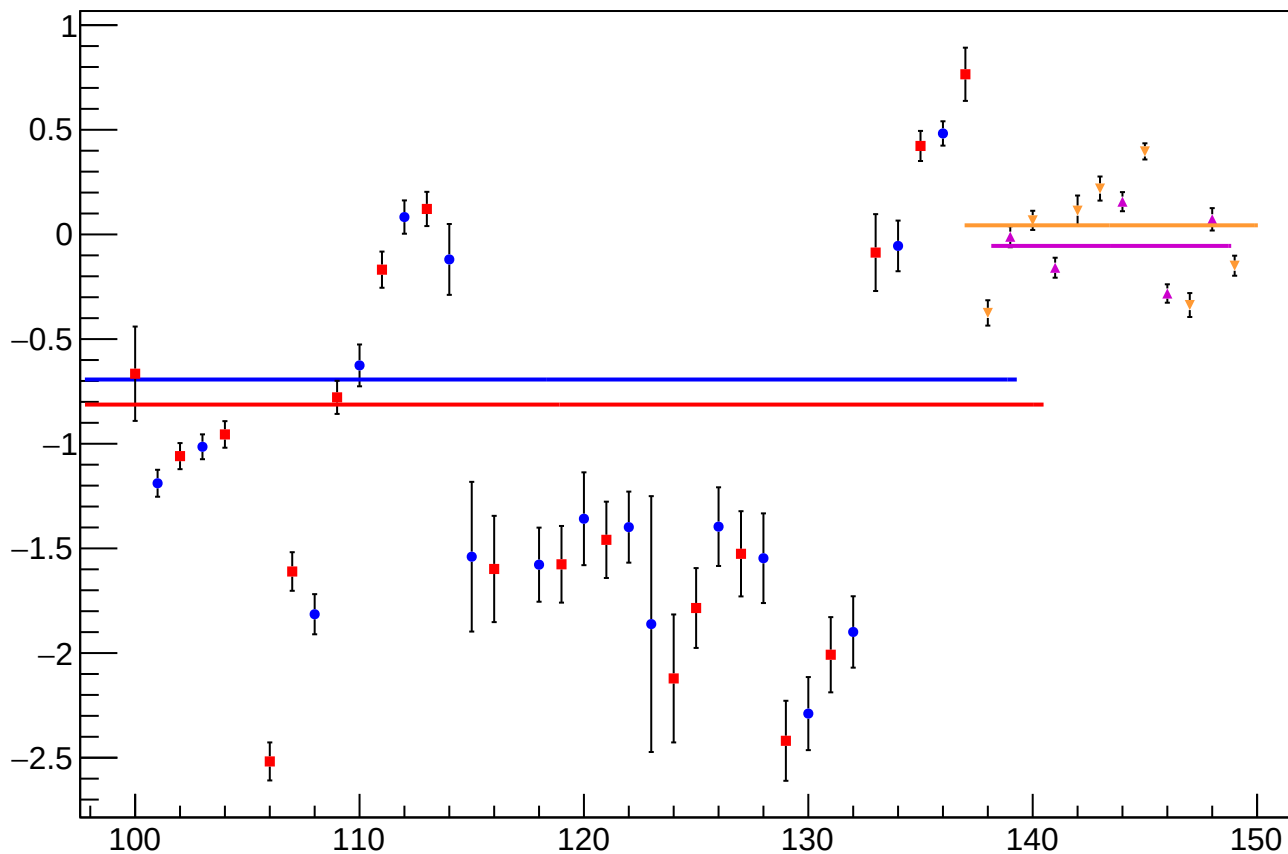
Left In: 116.095 $\pm$ 0.421 χ^2 /NDF: 544.6/4

+ sign 116.402 $\pm$ 0.302 χ^2 /NDF: 6934.6/23

All: 114.465 $\pm$ 0.219 χ^2 /NDF: 14792.3/47

- 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: 0.044 ± 0.019 χ^2/NDF : 202.5/6

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

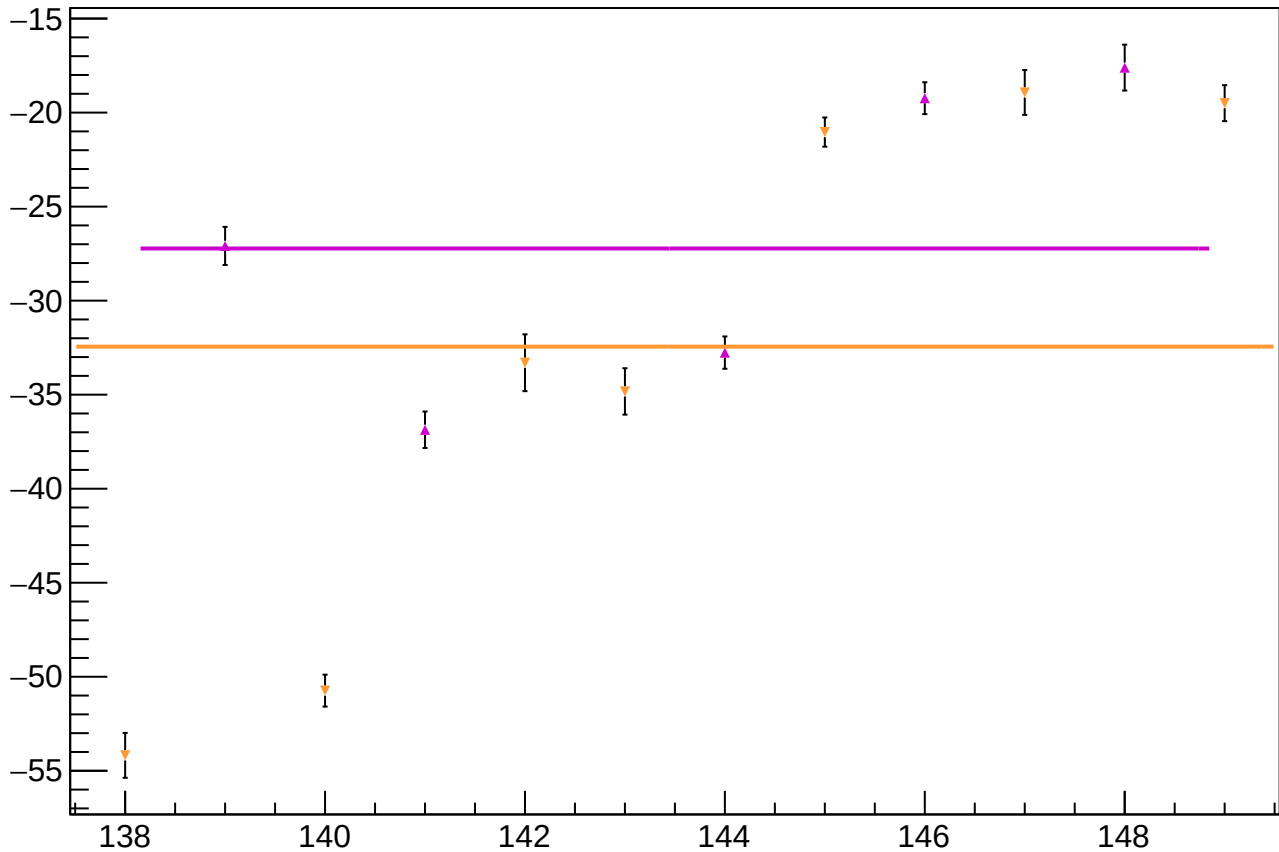
Left In: -0.055 ± 0.021 χ^2/NDF : 59.3/4

+ sign -0.223 ± 0.016 χ^2/NDF : 1716.9/23

All: -0.301 ± 0.011 χ^2/NDF : 3686.7/47

- sign -0.386 ± 0.016 χ^2/NDF : 1916.8/23

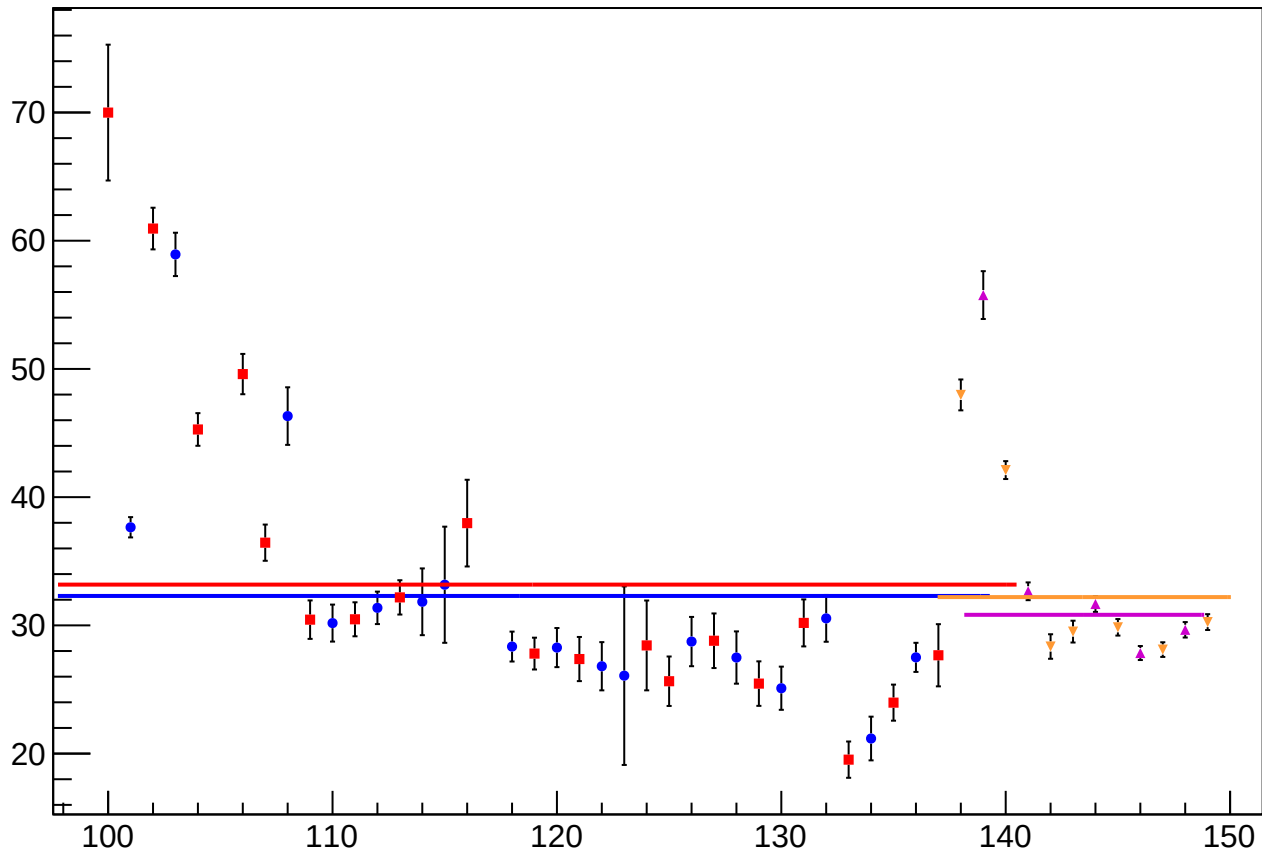
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.445+/-0.388 χ^2/NDF : 1325.7/6
 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: -30.091+/-0.288 χ^2/NDF : 1698.4/11
 - 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 $\pm$ 0.373 χ^2/NDF : 452.2/16

Left Out: 32.206 $\pm$ 0.274 χ^2/NDF : 474.0/6

Right Out: 33.180 $\pm$ 0.379 χ^2/NDF : 770.3/18

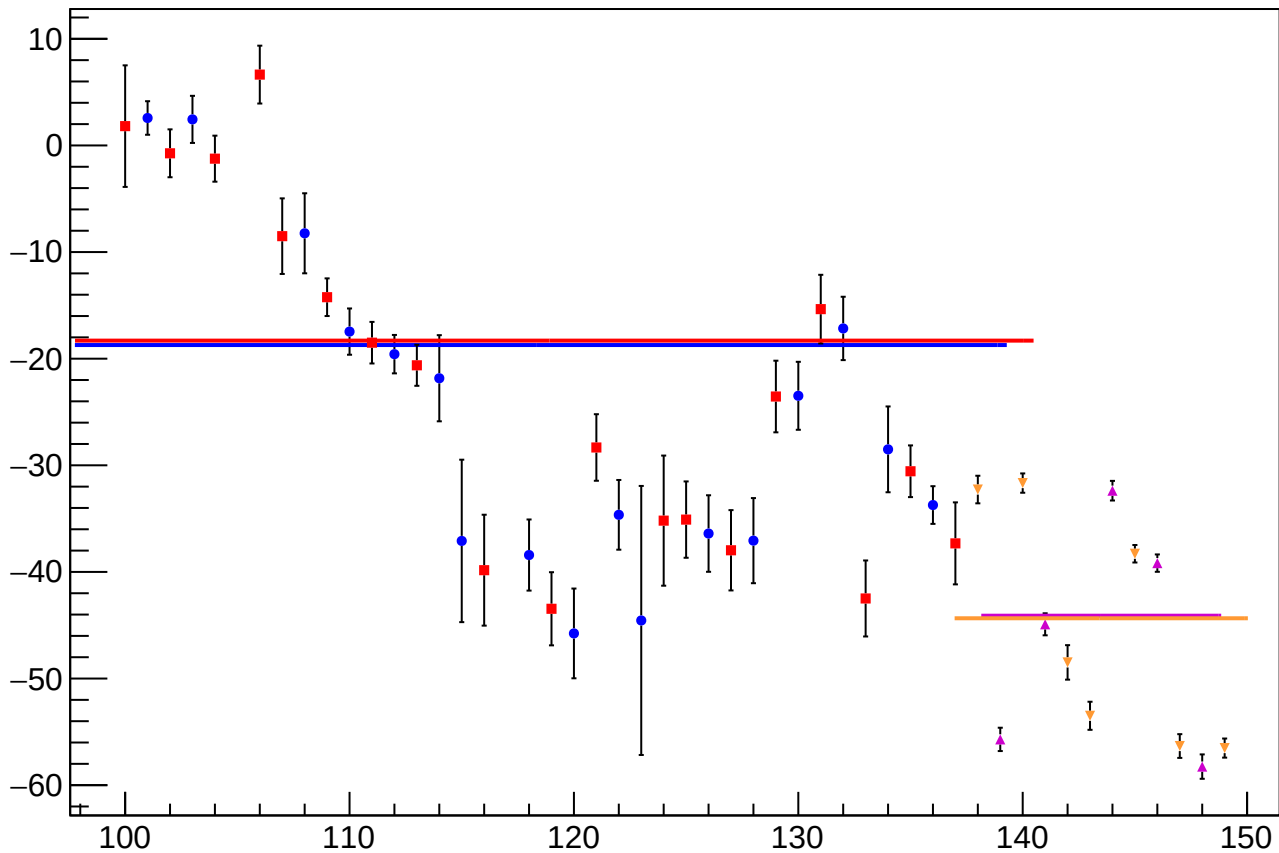
Left In: 30.823 $\pm$ 0.300 χ^2/NDF : 221.2/4

+ sign 32.237 $\pm$ 0.221 χ^2/NDF : 926.3/23

All: 32.000 $\pm$ 0.161 χ^2/NDF : 1943.9/47

- sign 31.731 $\pm$ 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: -44.347 ± 0.398 χ^2/NDF : 692.8/6

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

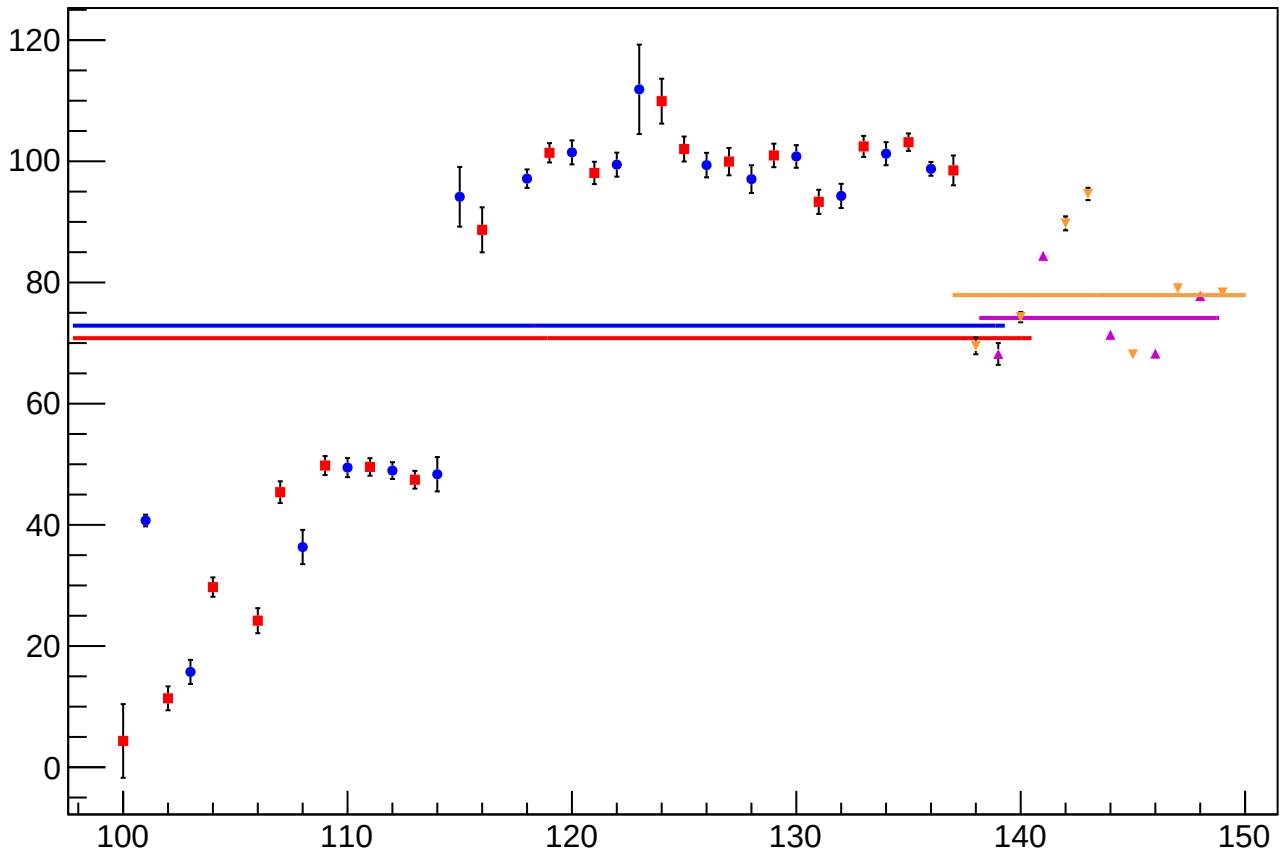
Left In: -44.106 ± 0.437 χ^2/NDF : 464.9/4

+ sign -37.597 ± 0.342 χ^2/NDF : 2305.0/23

All: -36.821 ± 0.248 χ^2/NDF : 4352.7/47

- 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: 77.918 $\pm$ 0.335 χ^2 /NDF: 605.7/6

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

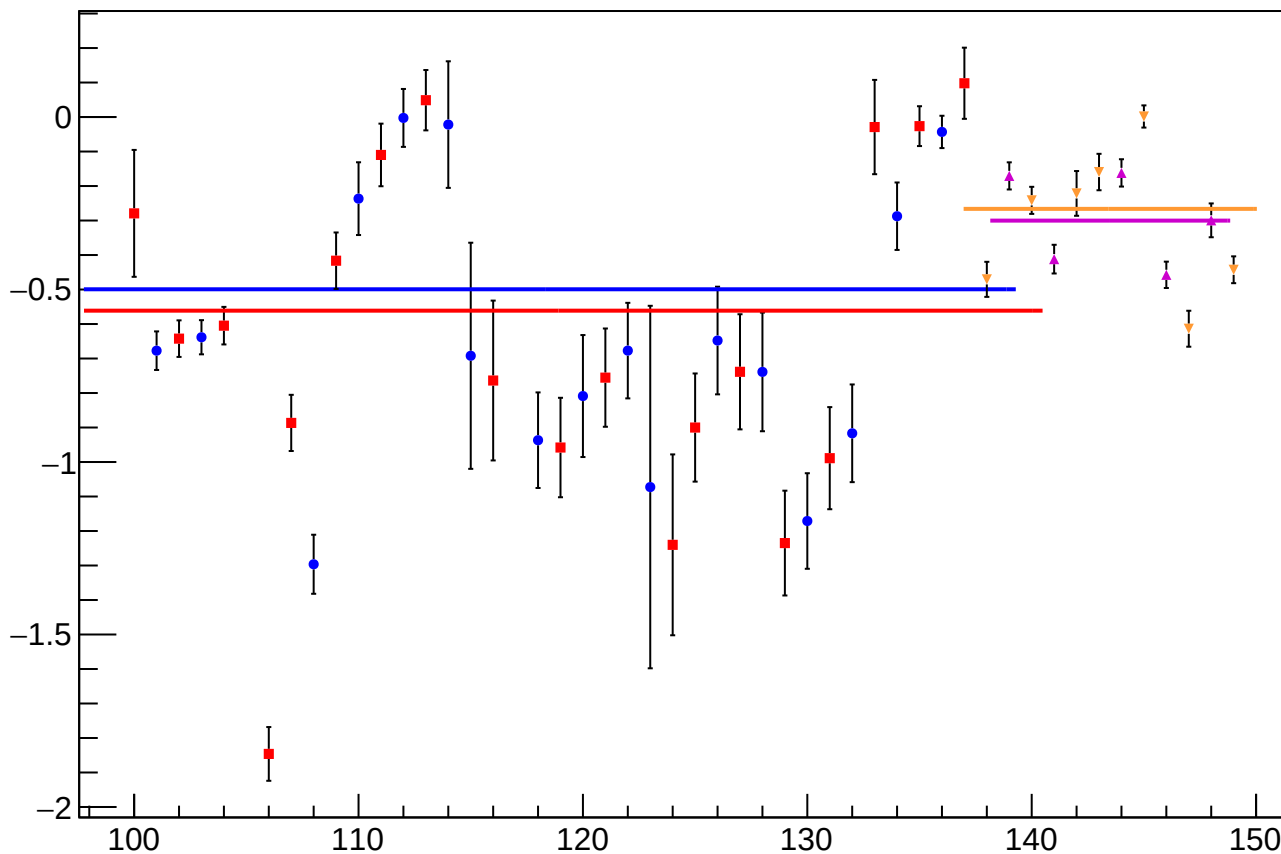
Left In: 74.148 $\pm$ 0.371 χ^2 /NDF: 271.7/4

+ sign 75.990 $\pm$ 0.263 χ^2 /NDF: 5430.3/23

All: 74.475 $\pm$ 0.192 χ^2 /NDF: 11296.5/47

- 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 $\pm$ 0.022 χ^2/NDF : 303.5/16

Left Out: -0.266 $\pm$ 0.017 χ^2/NDF : 155.4/6

Right Out: -0.561 $\pm$ 0.021 χ^2/NDF : 562.3/18

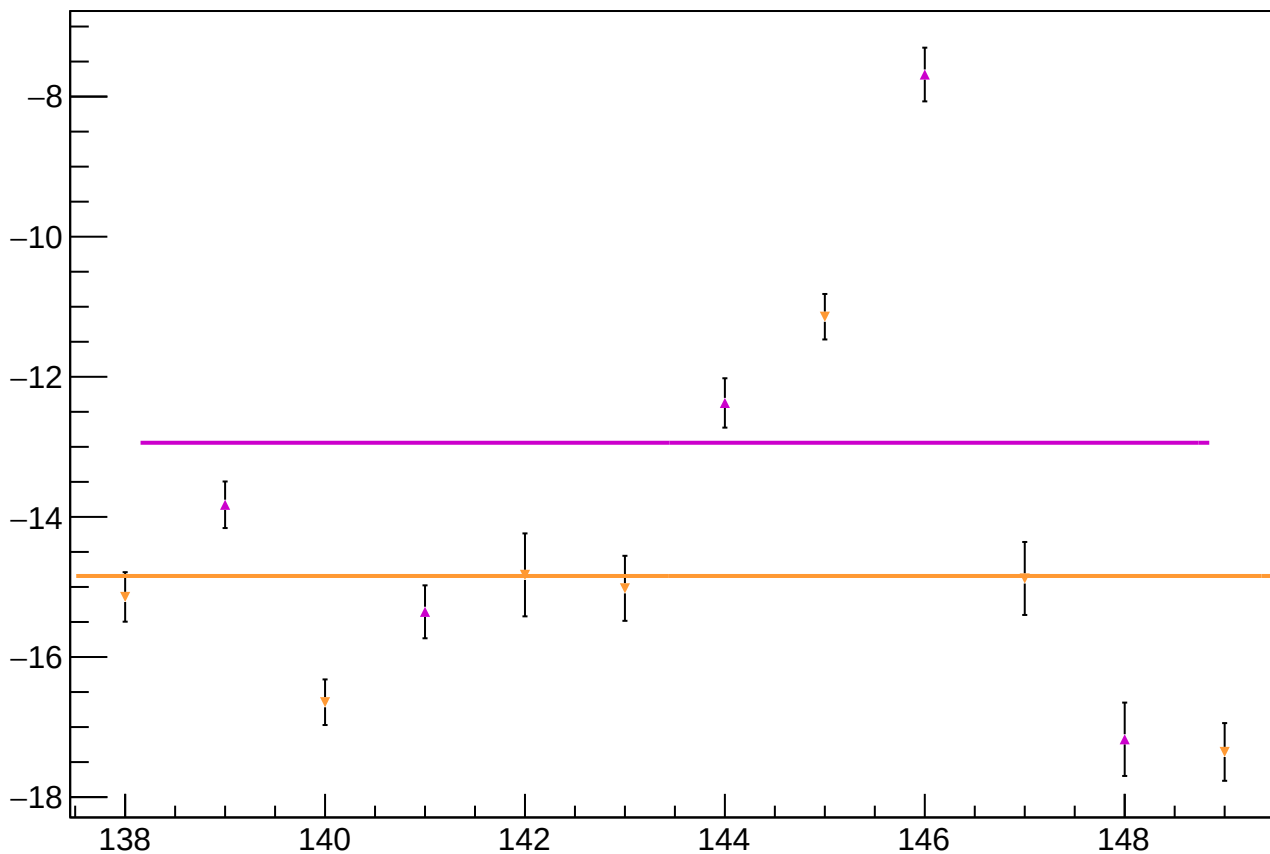
Left In: -0.300 $\pm$ 0.018 χ^2/NDF : 47.2/4

+ sign -0.349 $\pm$ 0.013 χ^2/NDF : 529.3/23

All: -0.379 $\pm$ 0.010 χ^2/NDF : 1234.7/47

- sign -0.411 $\pm$ 0.014 χ^2/NDF : 695.2/23

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -14.843 $\pm$ 0.151 χ^2 /NDF:198.7/6

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

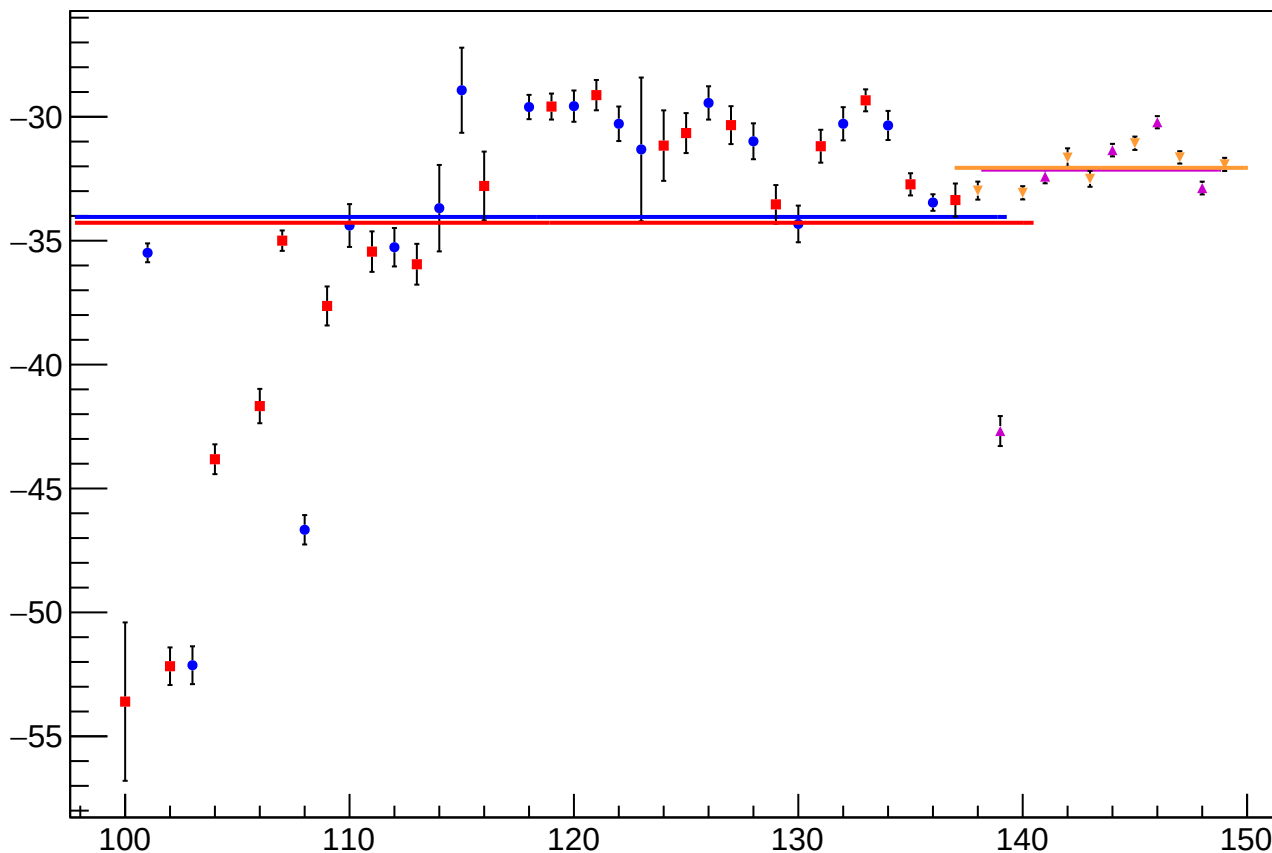
Left In: -12.942 $\pm$ 0.170 χ^2 /NDF:303.9/4

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

All: -14.007 $\pm$ 0.113 χ^2 /NDF: 572.6/11

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

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -32.059 ± 0.110 χ^2/NDF : 40.4/6

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

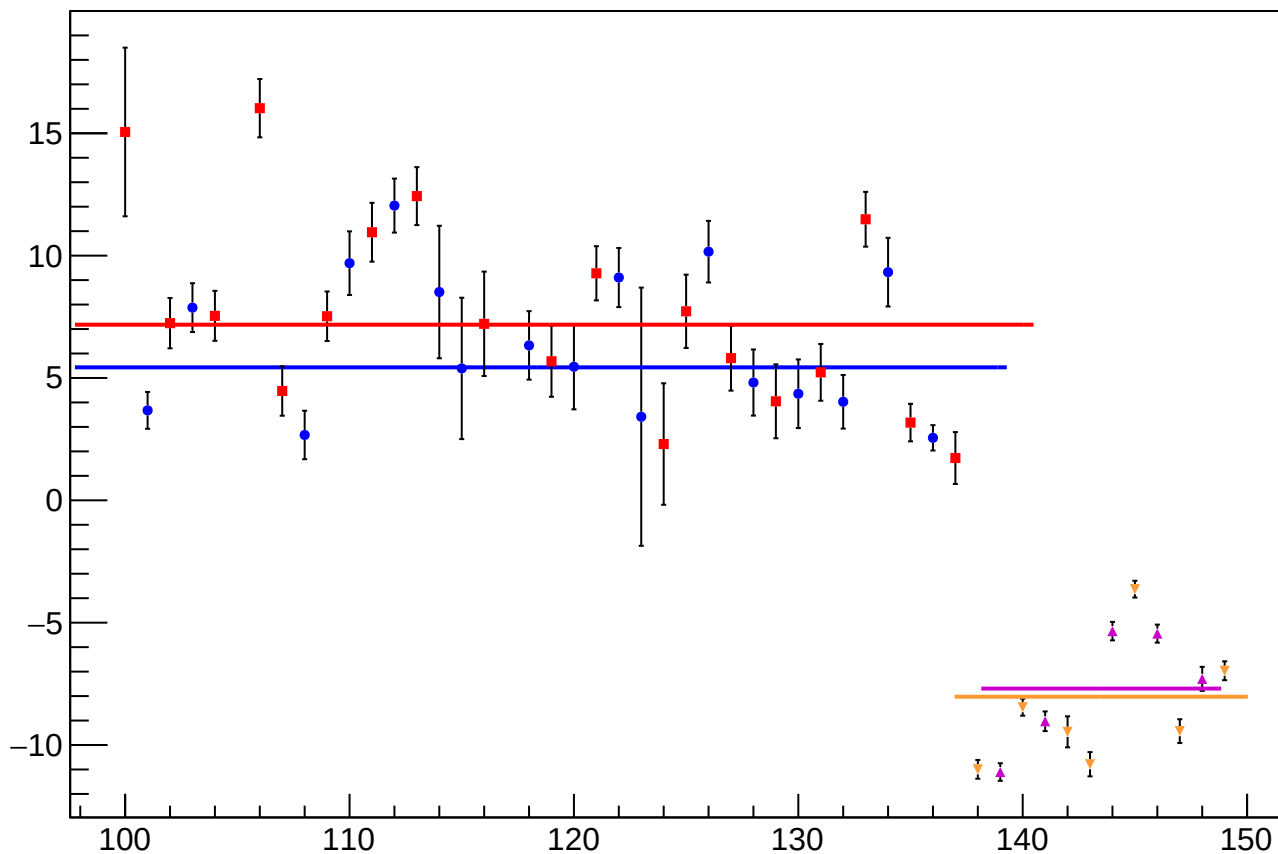
Left In: -32.133 ± 0.126 χ^2/NDF : 382.8/4

+ sign -32.750 ± 0.089 χ^2/NDF : 1493.9/23

All: -32.870 ± 0.065 χ^2/NDF : 3349.5/47

- 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: -8.027 ± 0.156 χ^2/NDF : 277.8/6

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

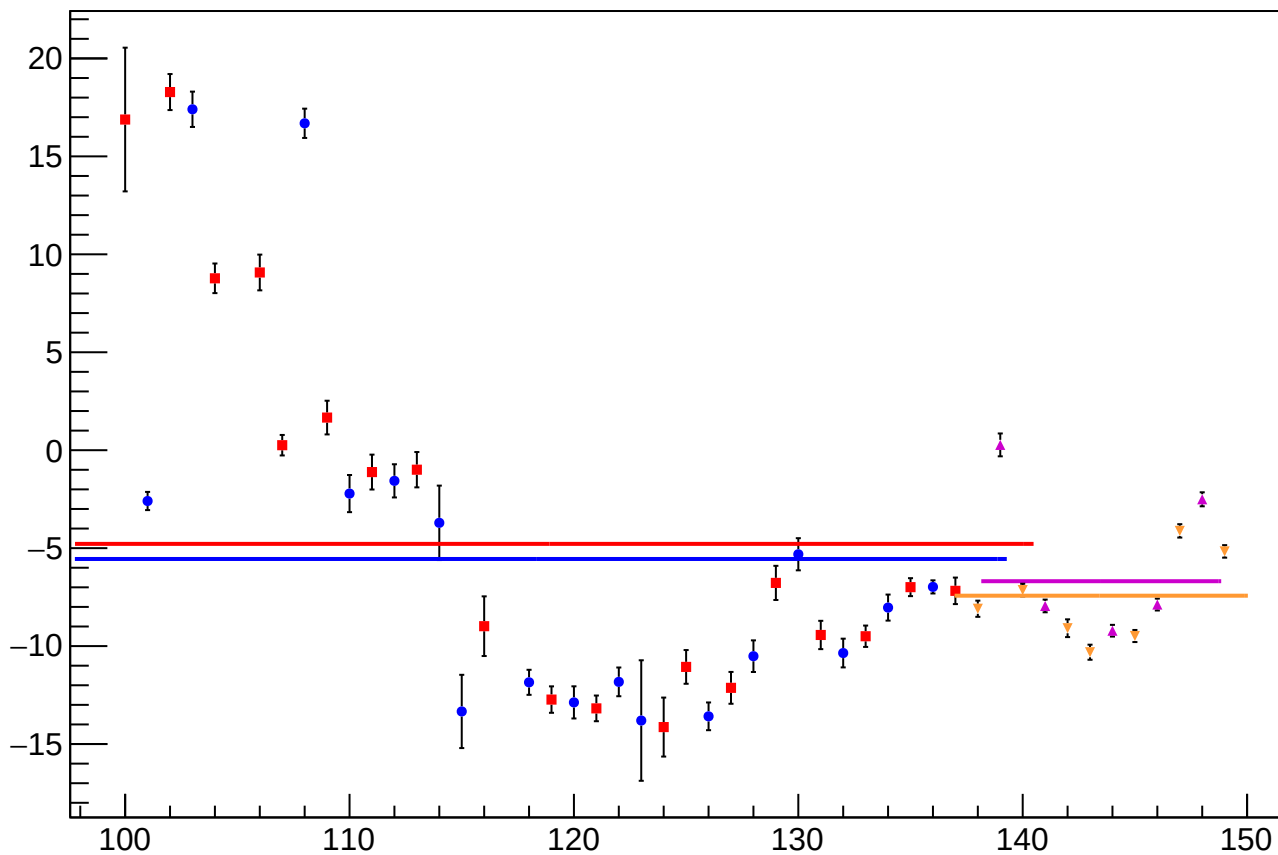
Left In: -7.694 ± 0.175 χ^2/NDF : 177.6/4

+ sign -4.653 ± 0.135 χ^2/NDF : 2278.7/23

All: -4.071 ± 0.100 χ^2/NDF : 4767.0/47

- 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: -7.427 ± 0.134 χ^2/NDF : 261.2/6

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

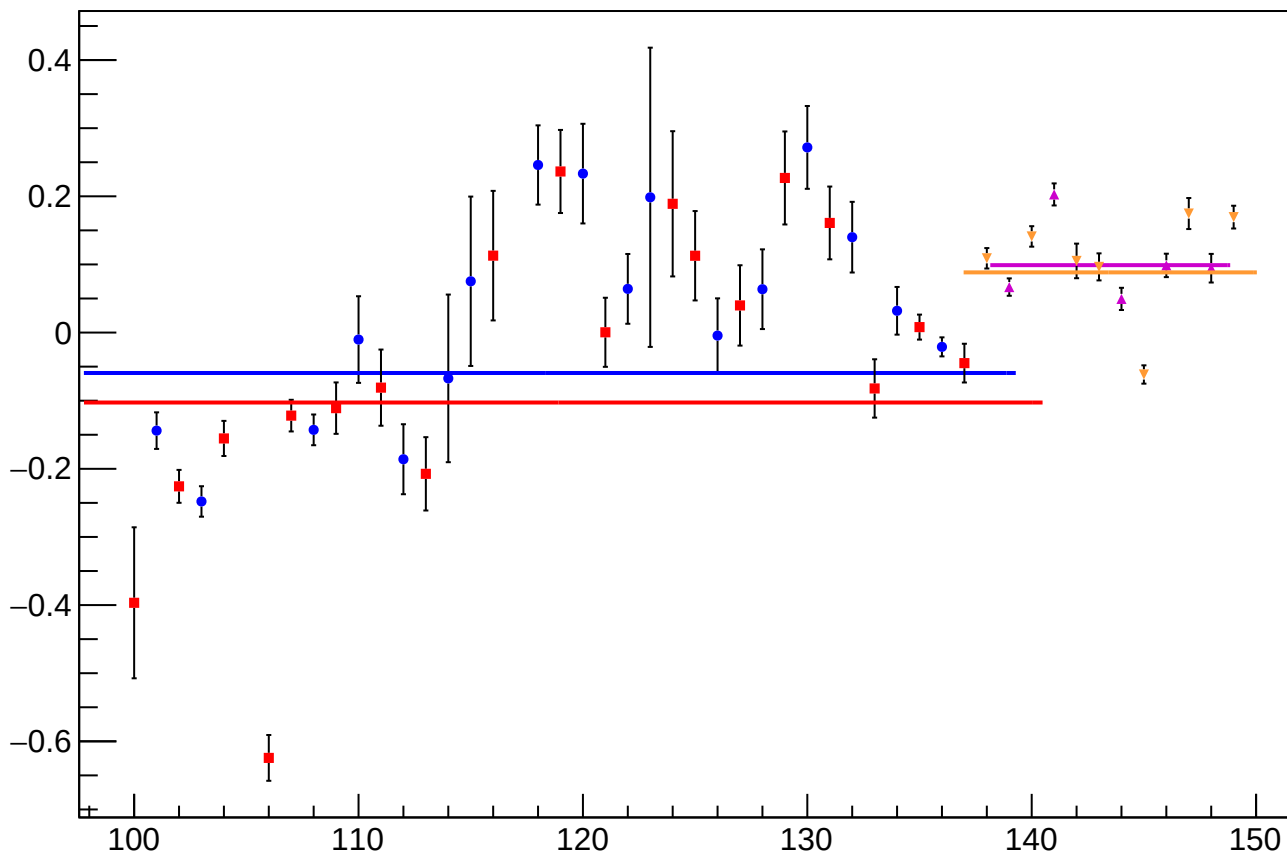
Left In: -6.688 ± 0.154 χ^2/NDF : 380.5/4

+ sign -6.710 ± 0.105 χ^2/NDF : 2461.7/23

All: -6.316 ± 0.078 χ^2/NDF : 4981.3/47

- 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: 0.088 ± 0.006 χ^2/NDF : 177.0/6

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

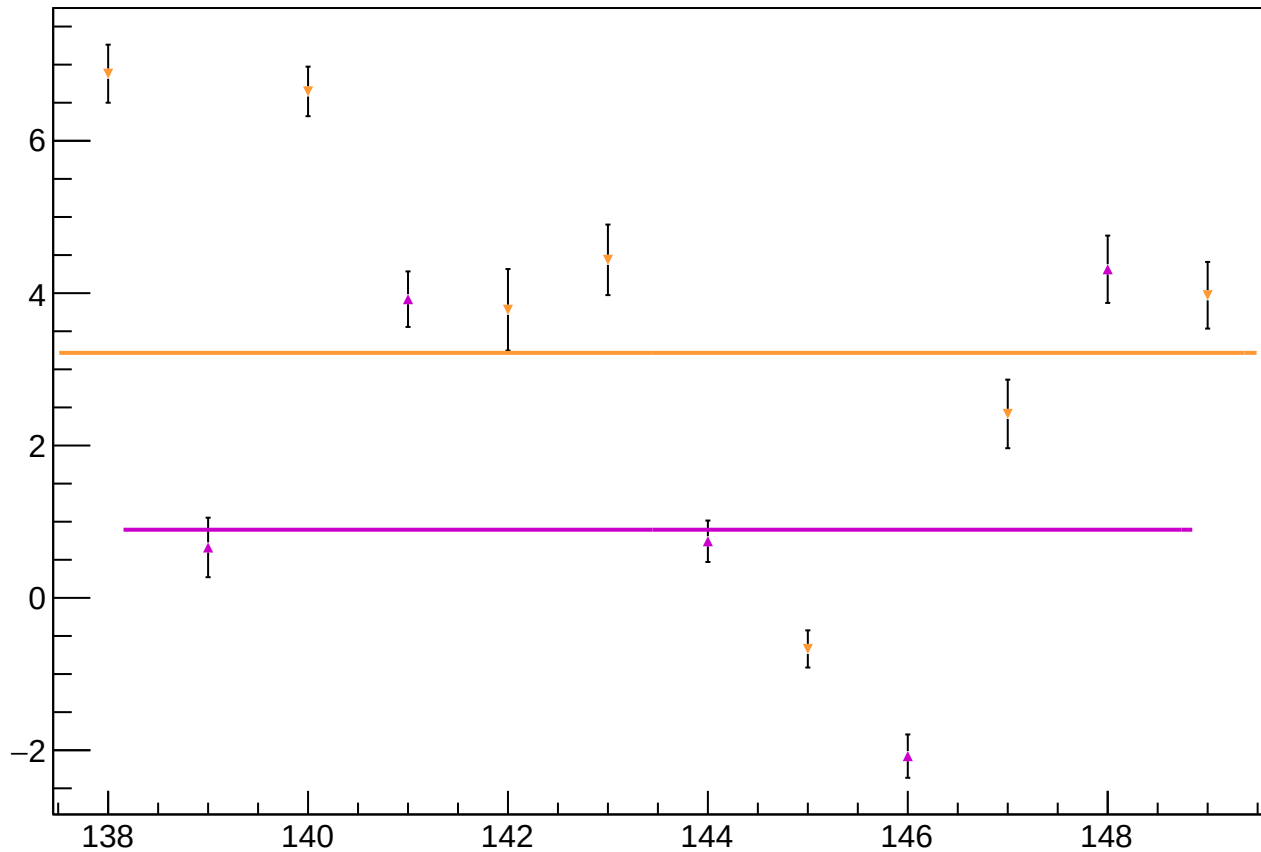
Left In: 0.099 ± 0.007 χ^2/NDF : 56.8/4

+ sign 0.033 ± 0.005 χ^2/NDF : 589.2/23

All: 0.024 ± 0.004 χ^2/NDF : 1420.1/47

- 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: 3.216 $\pm$ 0.139 χ^2 /NDF:472.0/6

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

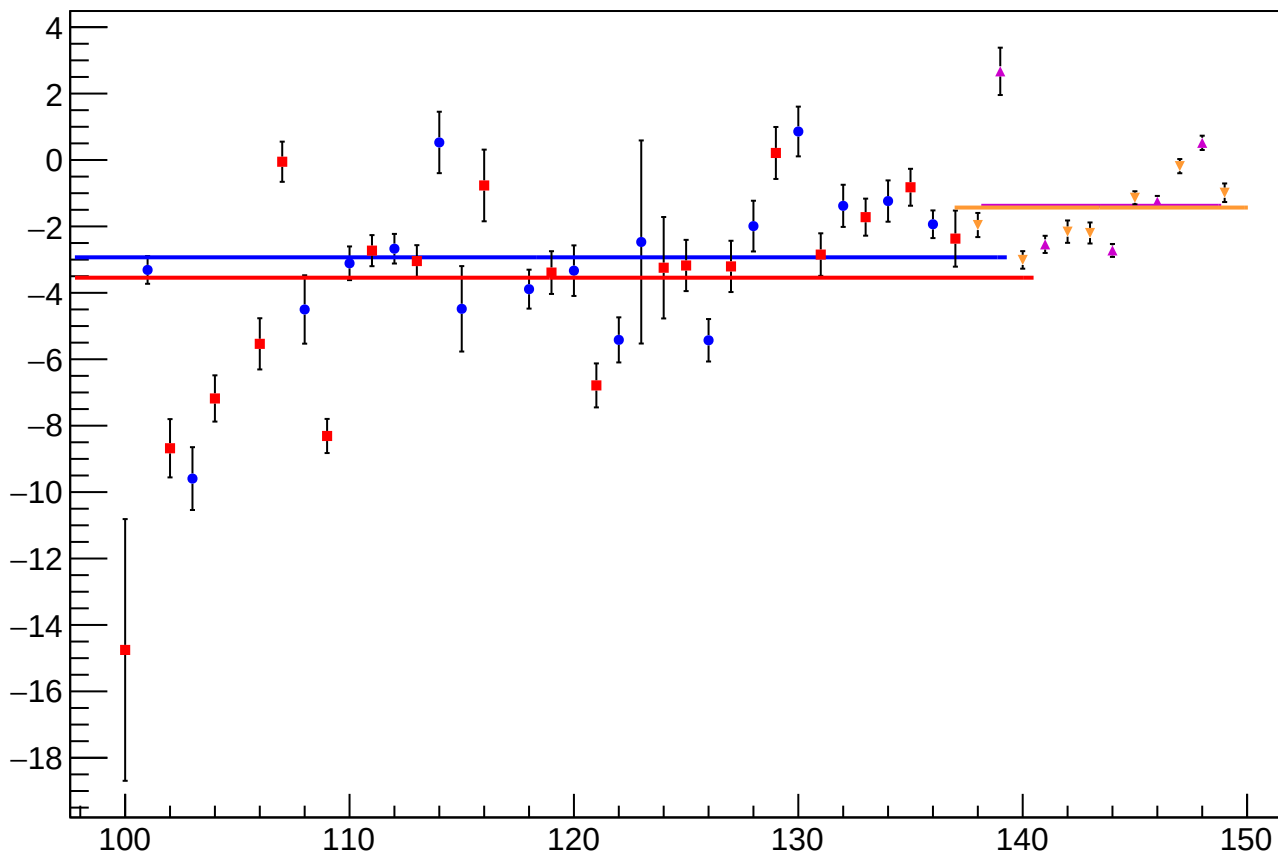
Left In: 0.895 $\pm$ 0.149 χ^2 /NDF:238.6/4

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

All: 2.133 $\pm$ 0.102 χ^2 /NDF: 840.1/11

- 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: -1.432 ± 0.099 χ^2/NDF : 87.1/6

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

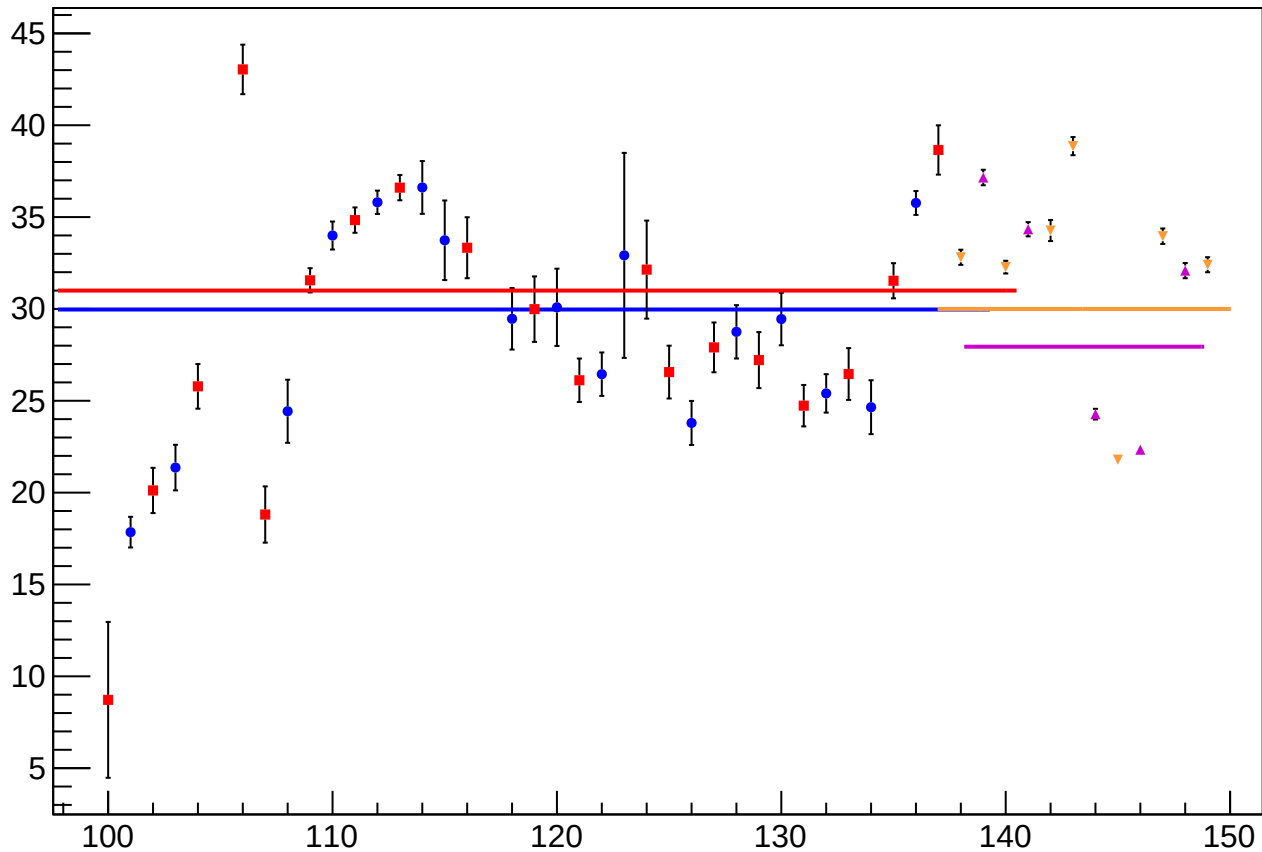
Left In: -1.379 ± 0.101 χ^2/NDF : 178.2/4

+ sign -1.873 ± 0.083 χ^2/NDF : 300.5/23

All: -1.949 ± 0.059 χ^2/NDF : 909.3/47

- 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: 29.998 $\pm$ 0.145 χ^2 /NDF:1588.8/6

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

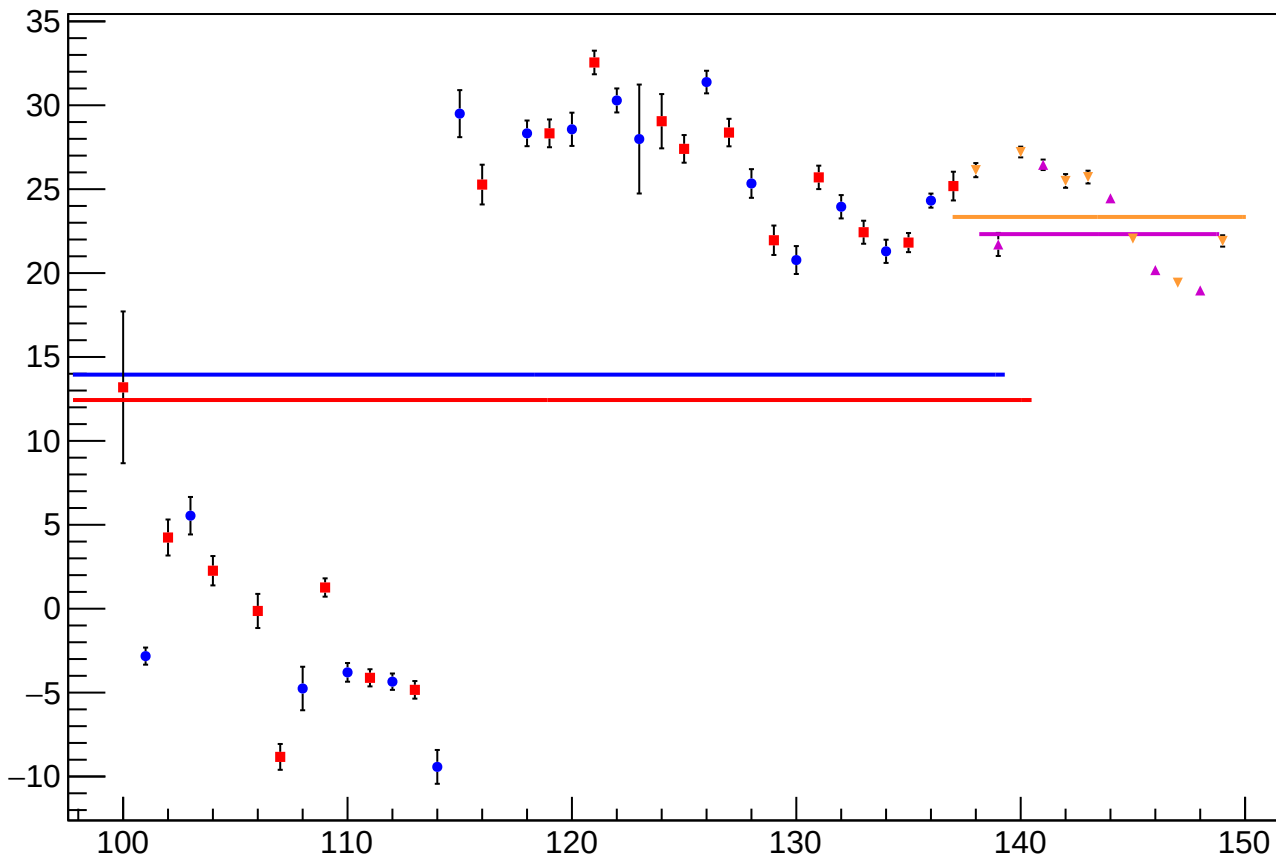
Left In: 27.944 $\pm$ 0.152 χ^2 /NDF:1428.3/4

+ sign 29.991 $\pm$ 0.127 χ^2 /NDF: 2143.1/23

All: 29.377 $\pm$ 0.091 χ^2 /NDF: 4202.1/47

- 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: 23.345 $\pm$ 0.121 χ^2 /NDF:483.9/6

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

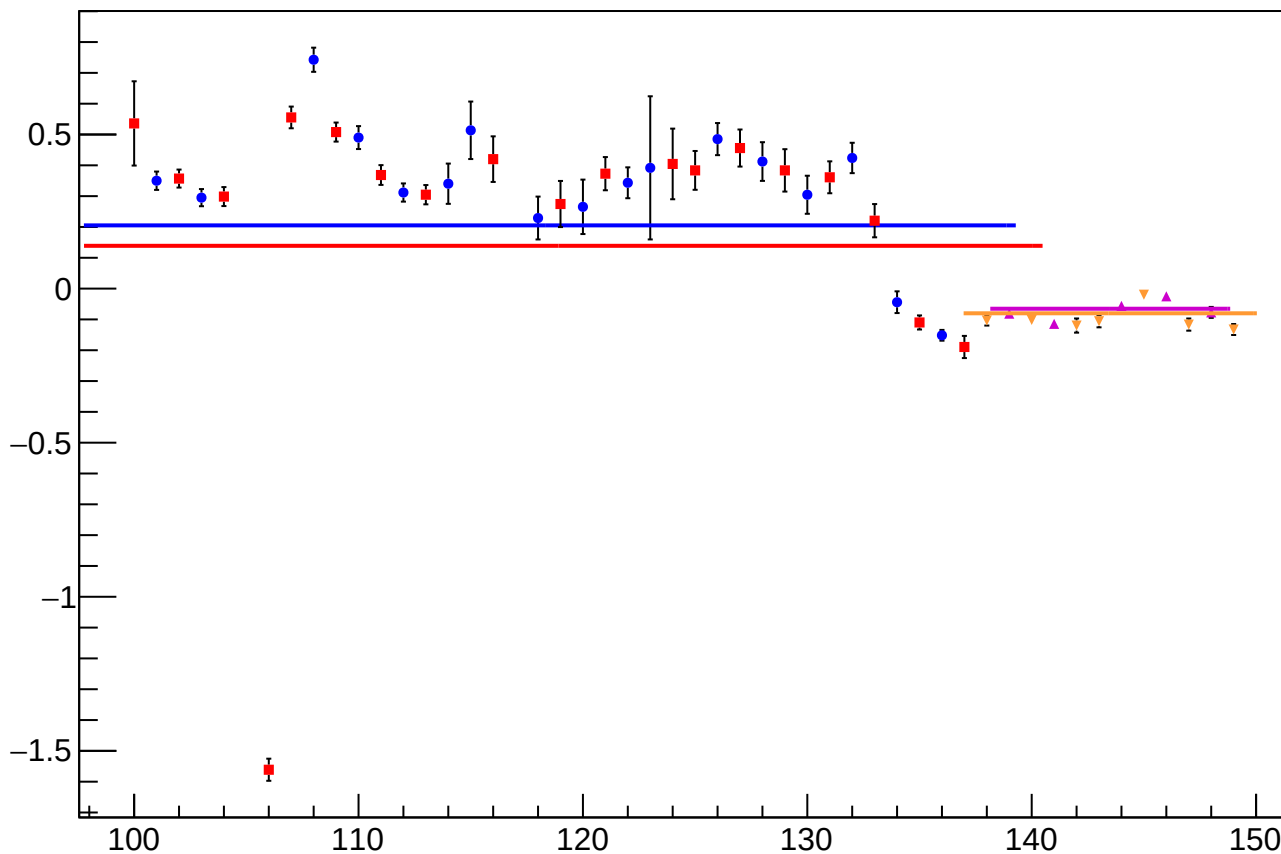
Left In: 22.321 $\pm$ 0.126 χ^2 /NDF:481.4/4

+ sign 20.224 $\pm$ 0.099 χ^2 /NDF: 9870.2/23

All: 19.586 $\pm$ 0.071 χ^2 /NDF: 19522.2/47

- 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 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.080 $\pm$ 0.006 χ^2 /NDF: 56.1/6

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

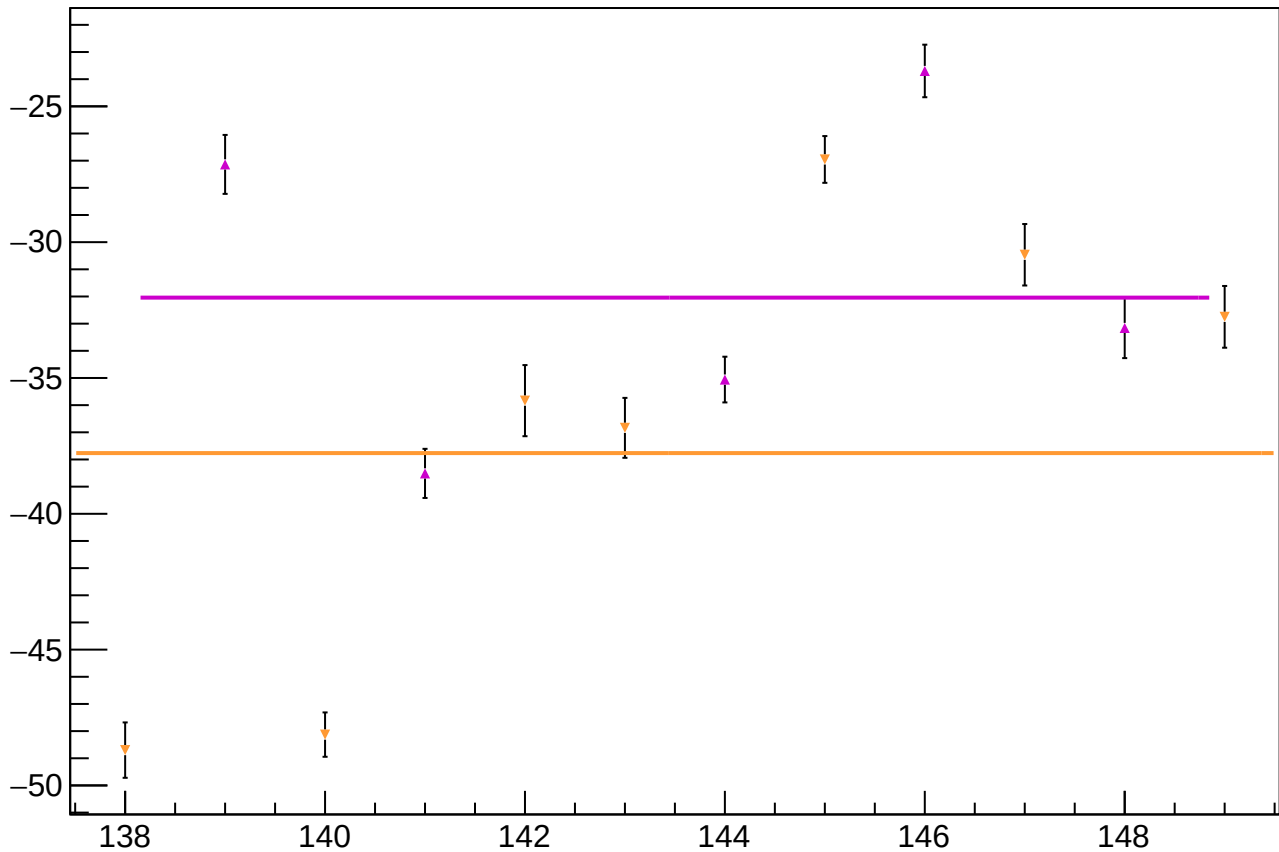
Left In: -0.065 $\pm$ 0.006 χ^2 /NDF: 22.0/4

+ sign 0.003 $\pm$ 0.005 χ^2 /NDF: 1561.5/23

All: 0.002 $\pm$ 0.004 χ^2 /NDF: 4931.6/47

- sign 0.002 $\pm$ 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: -37.765+/-0.384 χ^2/NDF : 498.0/6

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

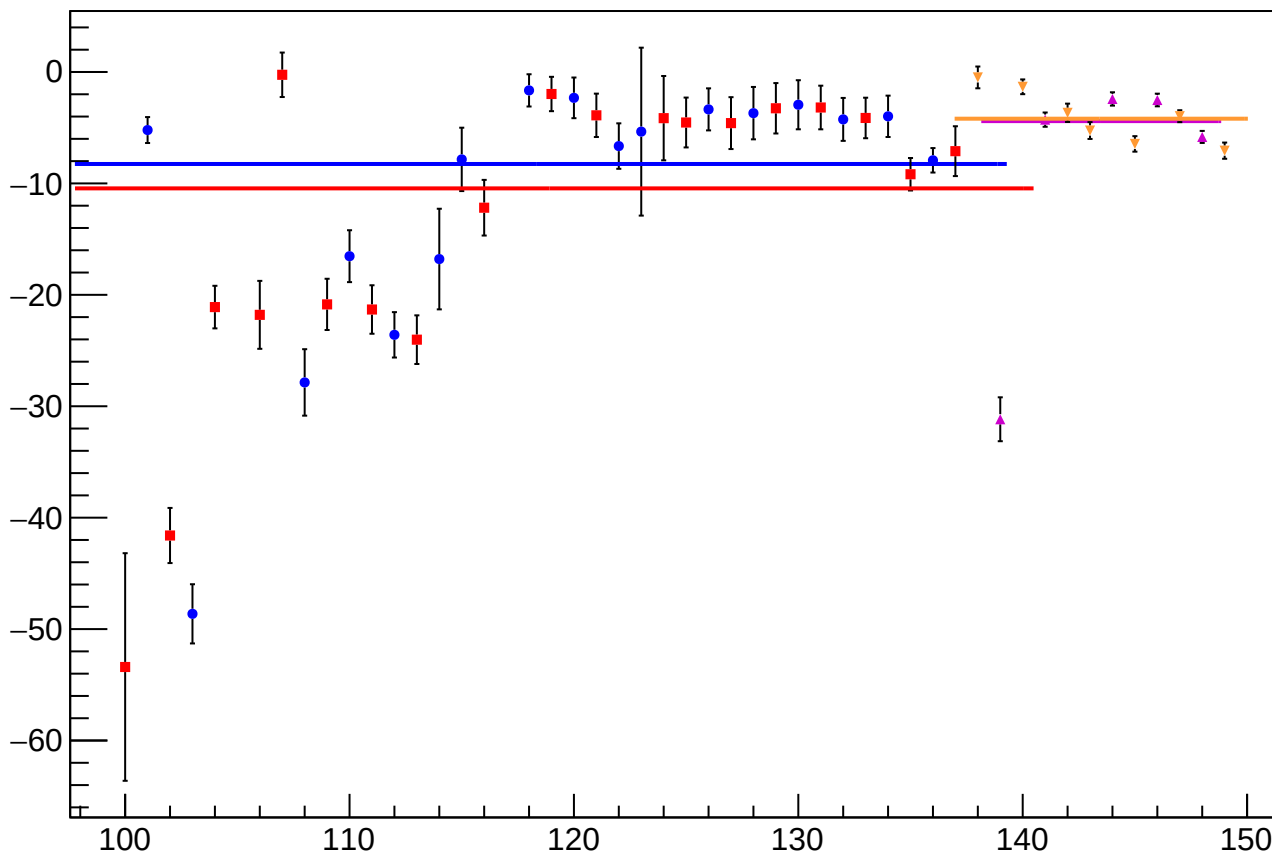
Left In: -32.042+/-0.432 χ^2/NDF : 159.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.236+/-0.287 χ^2/NDF : 755.9/11

- 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: -4.192 ± 0.267 χ^2/NDF : 61.8/6

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

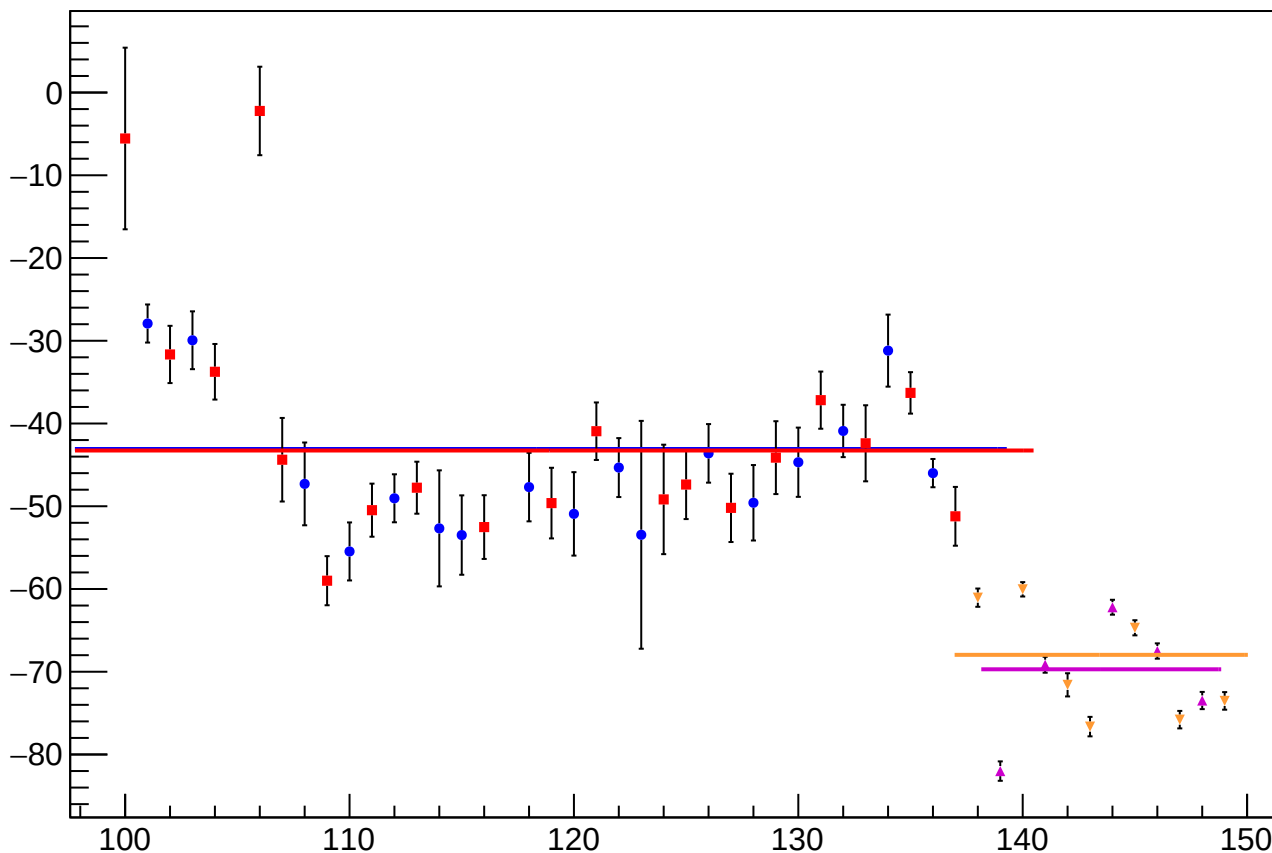
Left In: -4.409 ± 0.288 χ^2/NDF : 213.5/4

+ sign -5.211 ± 0.231 χ^2/NDF : 532.0/23

All: -5.557 ± 0.169 χ^2/NDF : 1291.1/47

- 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: -67.958 ± 0.397 $\chi^2/\text{NDF}: 278.3/6$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

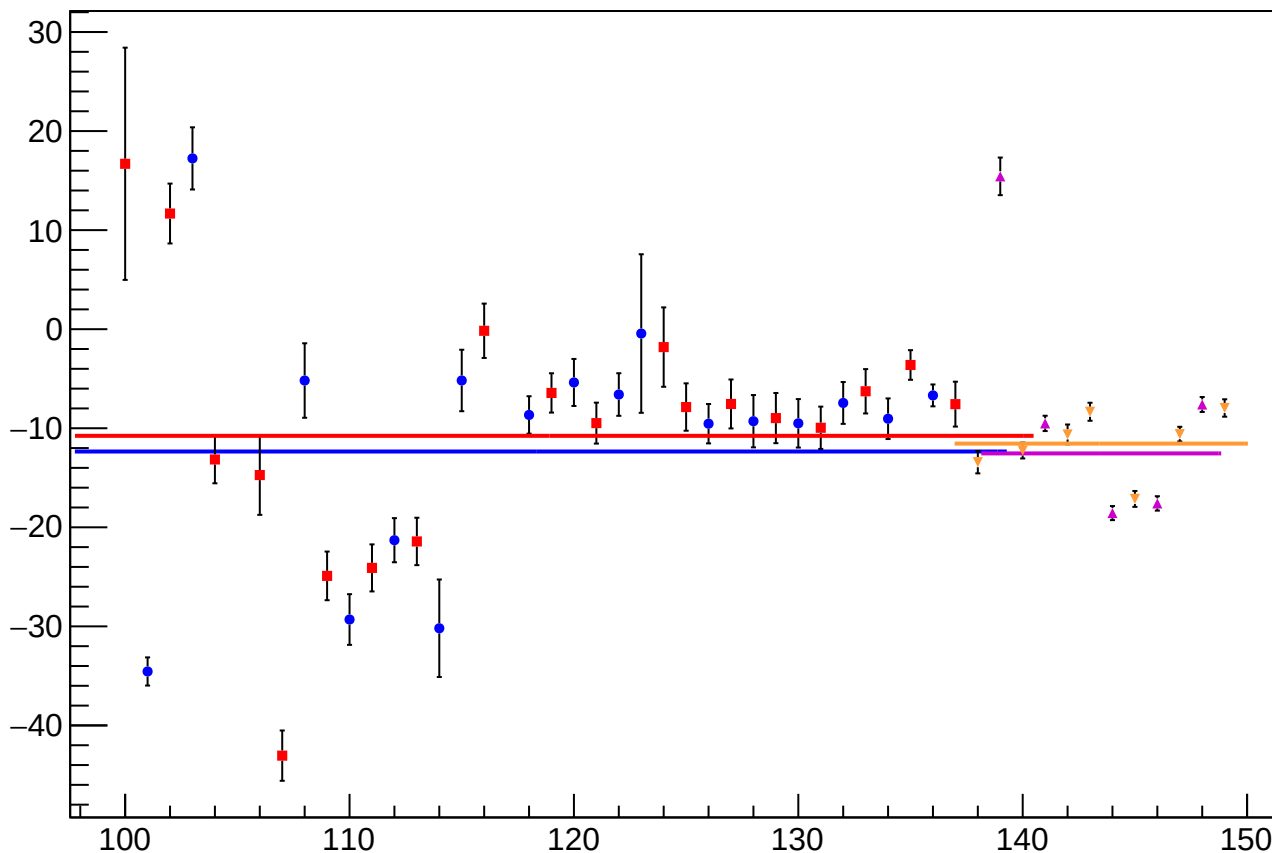
Left In: -69.705 ± 0.442 $\chi^2/\text{NDF}: 198.4/4$

+ sign -63.369 ± 0.358 $\chi^2/\text{NDF}: 1102.6/23$

All: -63.770 ± 0.265 $\chi^2/\text{NDF}: 2197.4/47$

- 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: -11.550 ± 0.329 χ^2/NDF : 83.7/6

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

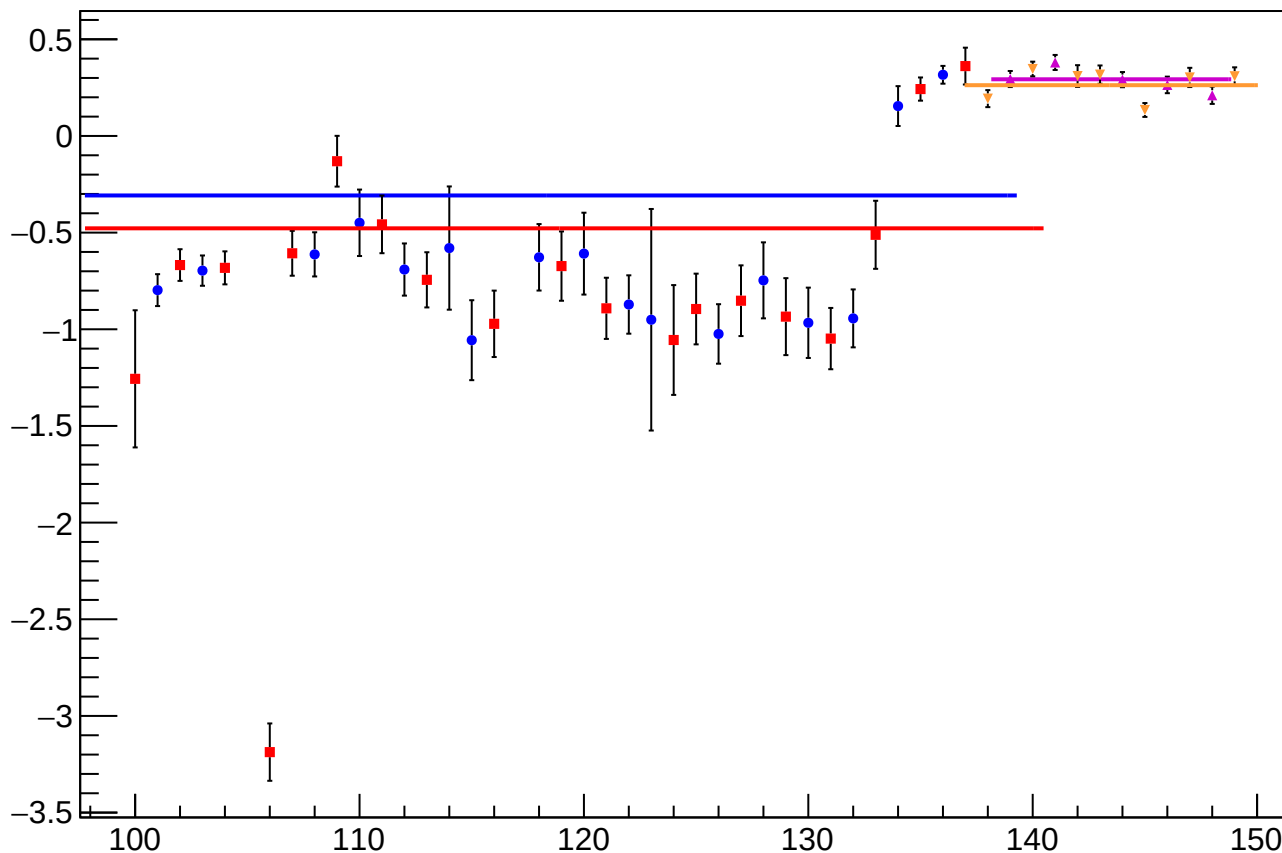
Left In: -12.541 ± 0.363 χ^2/NDF : 395.3/4

+ sign -11.778 ± 0.278 χ^2/NDF : 561.3/23

All: -11.882 ± 0.205 χ^2/NDF : 1330.8/47

- 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: 0.263 ± 0.017 χ^2/NDF : 23.8/6

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

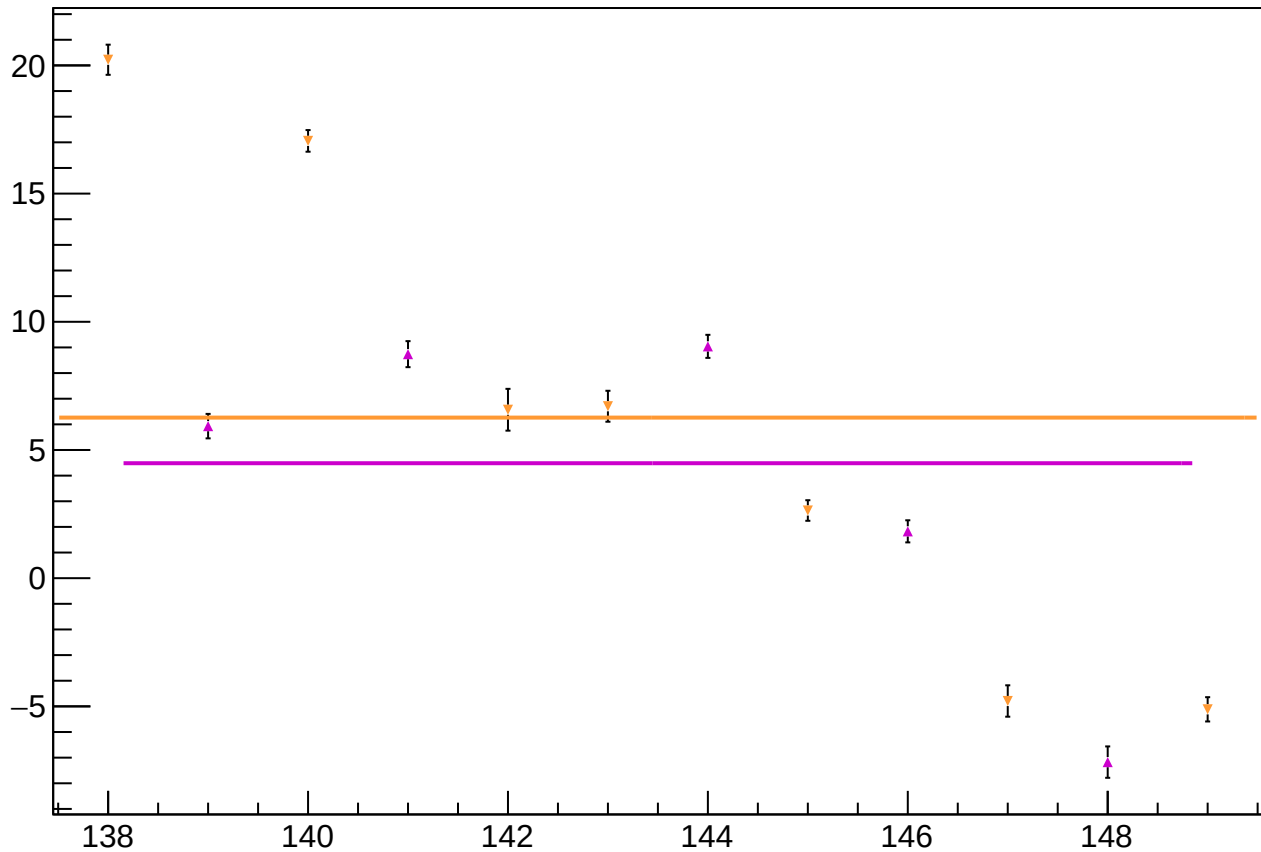
Left In: 0.293 ± 0.018 χ^2/NDF : 8.9/4

+ sign 0.110 ± 0.014 χ^2/NDF : 711.3/23

All: 0.090 ± 0.010 χ^2/NDF : 1870.6/47

- sign 0.066 ± 0.015 χ^2/NDF : 1154.8/23

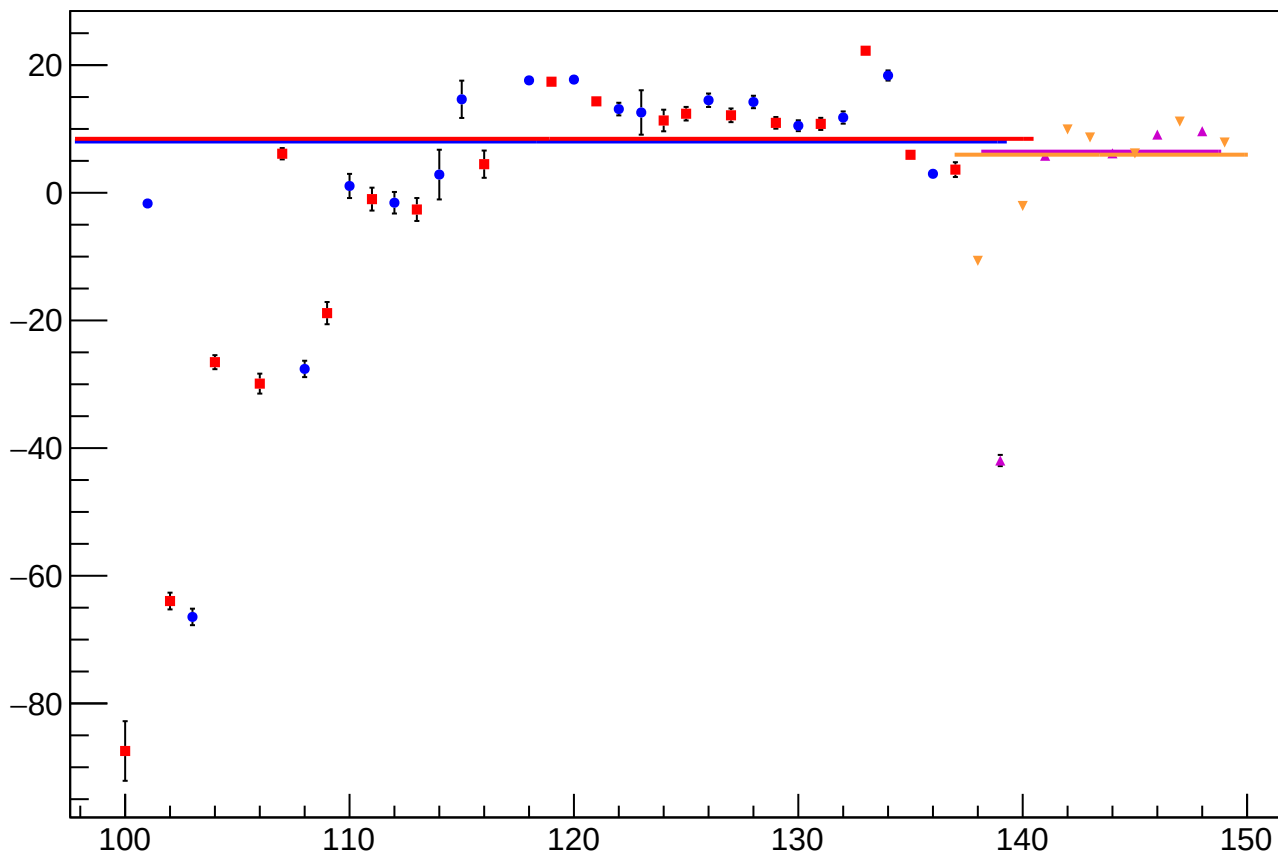
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 6.263 $\pm$ 0.196 χ^2 /NDF:2202.7/6
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: 5.464 $\pm$ 0.145 χ^2 /NDF: 2822.9/11
- 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 $\pm$ 0.215 χ^2 /NDF: 5369.4/16

Left Out: 5.969 $\pm$ 0.139 χ^2 /NDF: 1755.0/6

Right Out: 8.454 $\pm$ 0.213 χ^2 /NDF: 6704.4/18

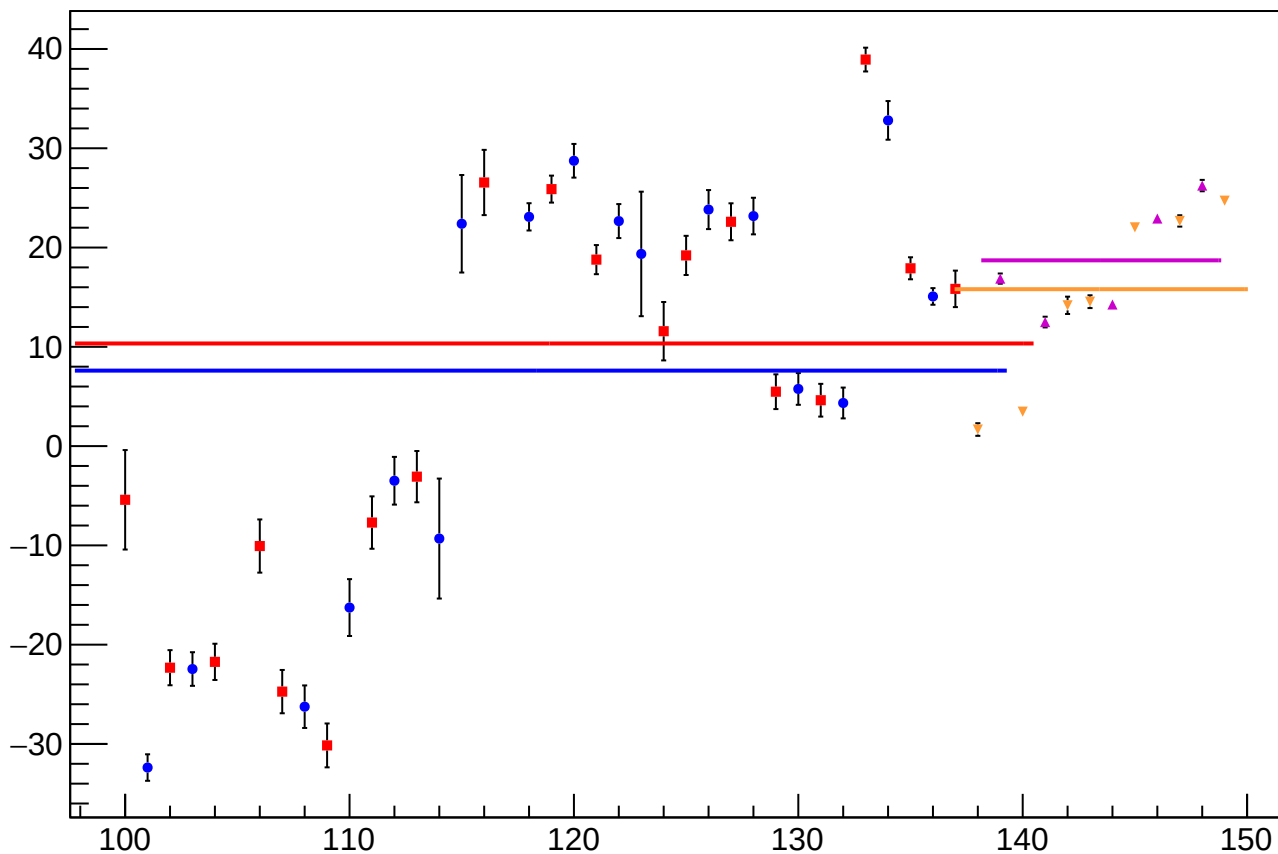
Left In: 6.443 $\pm$ 0.153 χ^2 /NDF: 3235.8/4

+ sign 6.576 $\pm$ 0.117 χ^2 /NDF: 7189.6/23

All: 6.834 $\pm$ 0.085 χ^2 /NDF: 17198.9/47

- sign 7.129 $\pm$ 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: 15.805 ± 0.201 χ^2/NDF : 2016.3/6

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

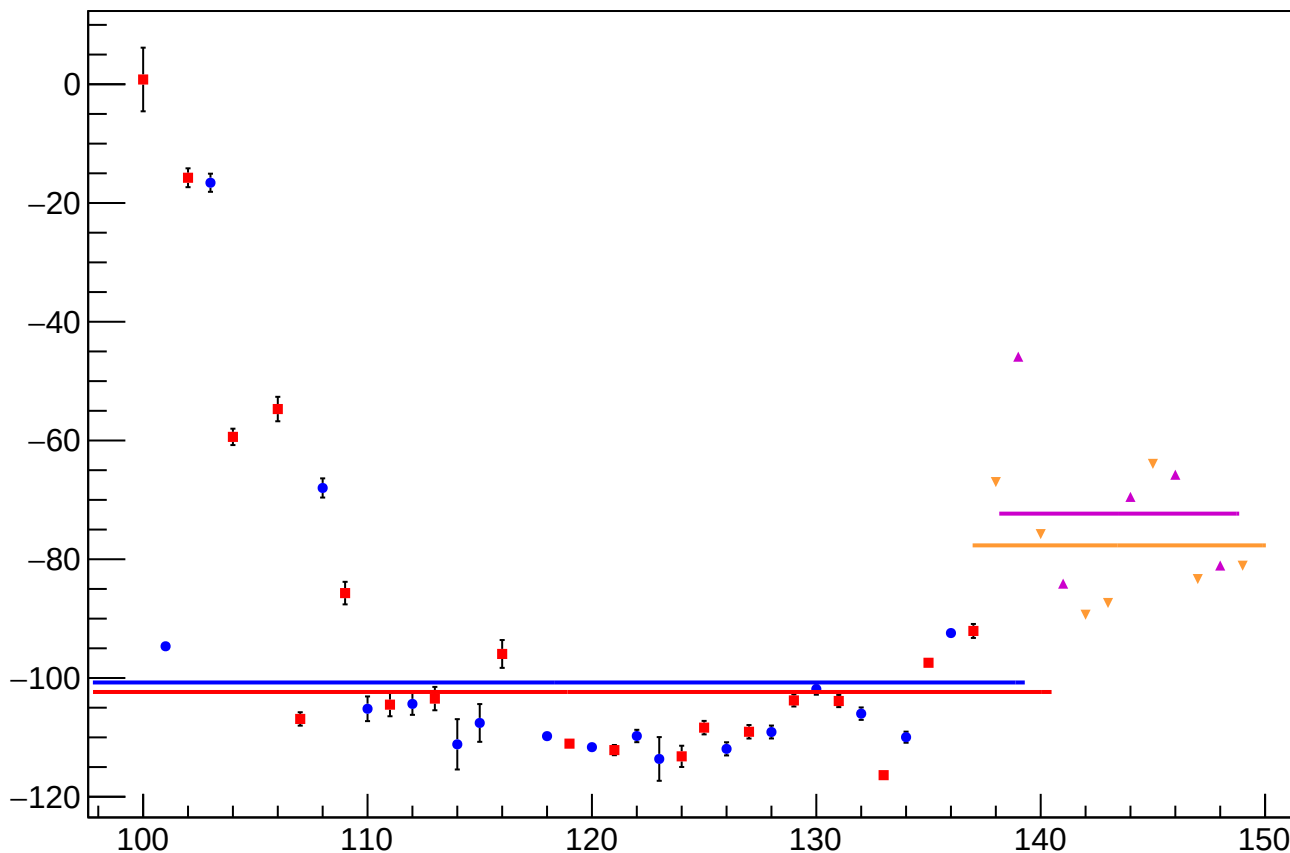
Left In: 18.711 ± 0.222 χ^2/NDF : 506.2/4

+ sign 14.255 ± 0.181 χ^2/NDF : 4656.9/23

All: 15.457 ± 0.133 χ^2/NDF : 7855.9/47

- 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+/-0.248 χ^2/NDF : 4522.6/16

Left Out: -77.662+/-0.169 χ^2/NDF : 2588.0/6

Right Out: -102.354+/-0.246 χ^2/NDF : 6078.9/18

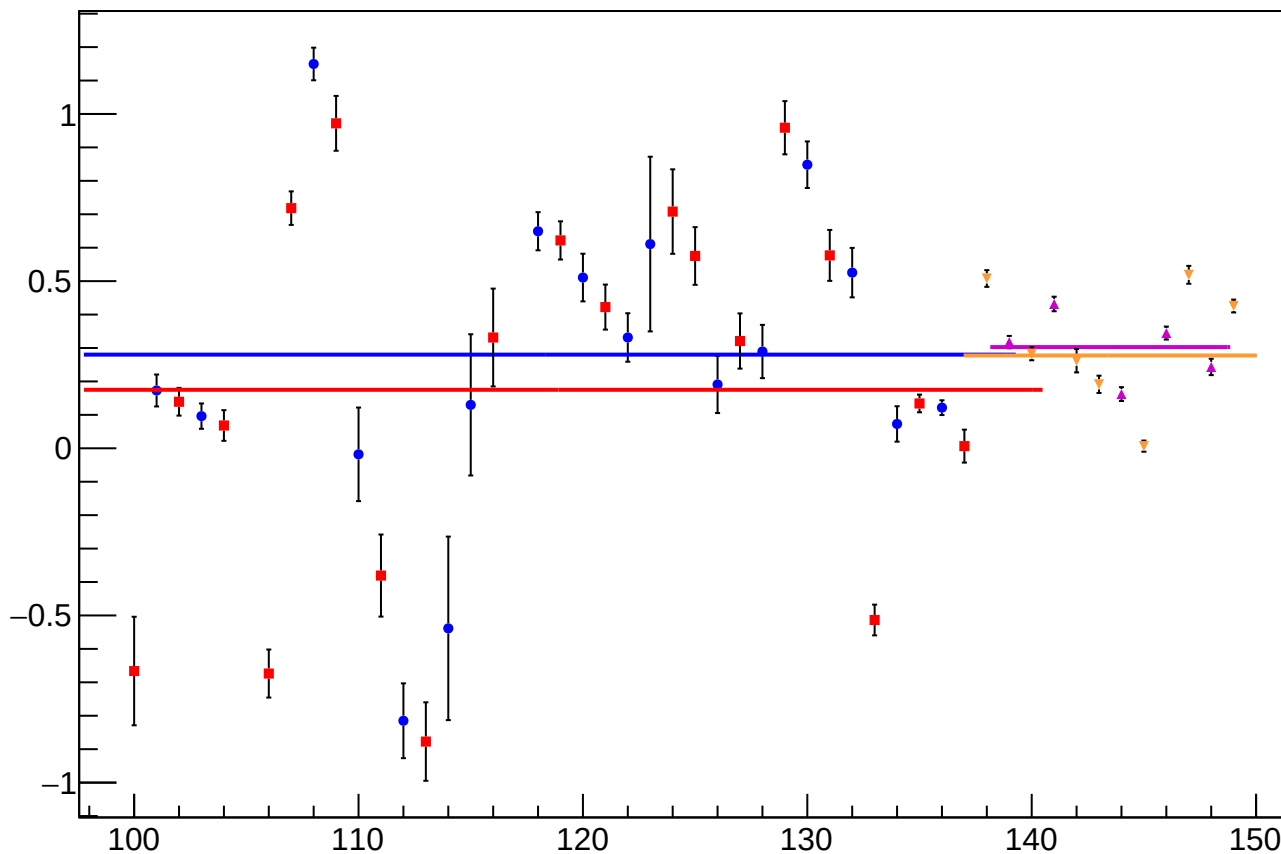
Left In: -72.317+/-0.190 χ^2/NDF : 2556.9/4

+ sign -85.006+/-0.140 χ^2/NDF : 13021.9/23

All: -84.318+/-0.102 χ^2/NDF : 31039.6/47

- sign -83.523+/-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 $\chi^2/\text{NDF}: 656.0/16$

Left Out: 0.278 ± 0.008 $\chi^2/\text{NDF}: 501.4/6$

Right Out: 0.175 ± 0.013 $\chi^2/\text{NDF}: 966.7/18$

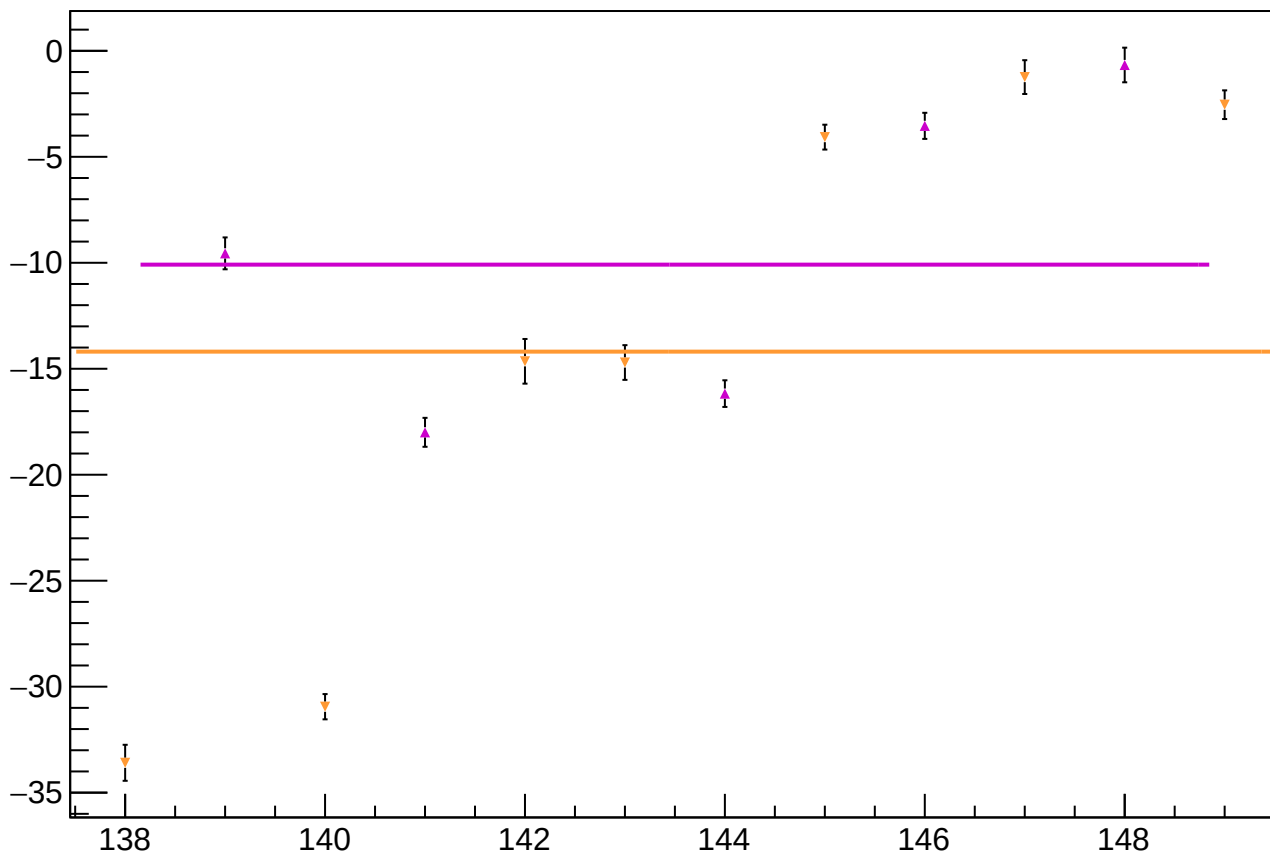
Left In: 0.303 ± 0.009 $\chi^2/\text{NDF}: 92.4/4$

+ sign 0.278 ± 0.007 $\chi^2/\text{NDF}: 1157.4/23$

All: 0.271 ± 0.005 $\chi^2/\text{NDF}: 2280.3/47$

- sign 0.262 ± 0.008 $\chi^2/\text{NDF}: 1120.3/23$

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -14.192+/-0.275 χ^2/NDF : 2170.3/6

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

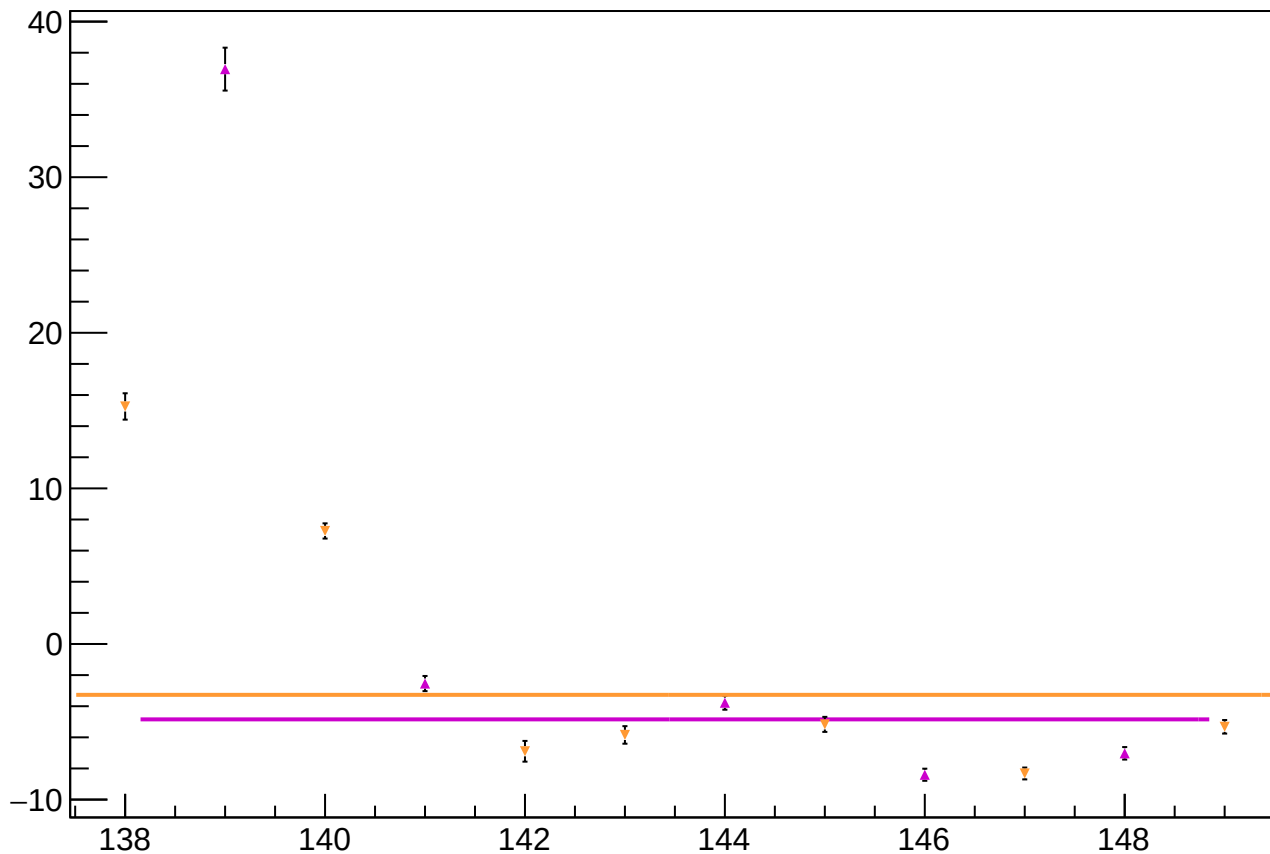
Left In: -10.088+/-0.307 χ^2/NDF : 474.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.370+/-0.205 χ^2/NDF : 2743.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.269+/-0.191 χ^2/NDF :1206.8/6

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

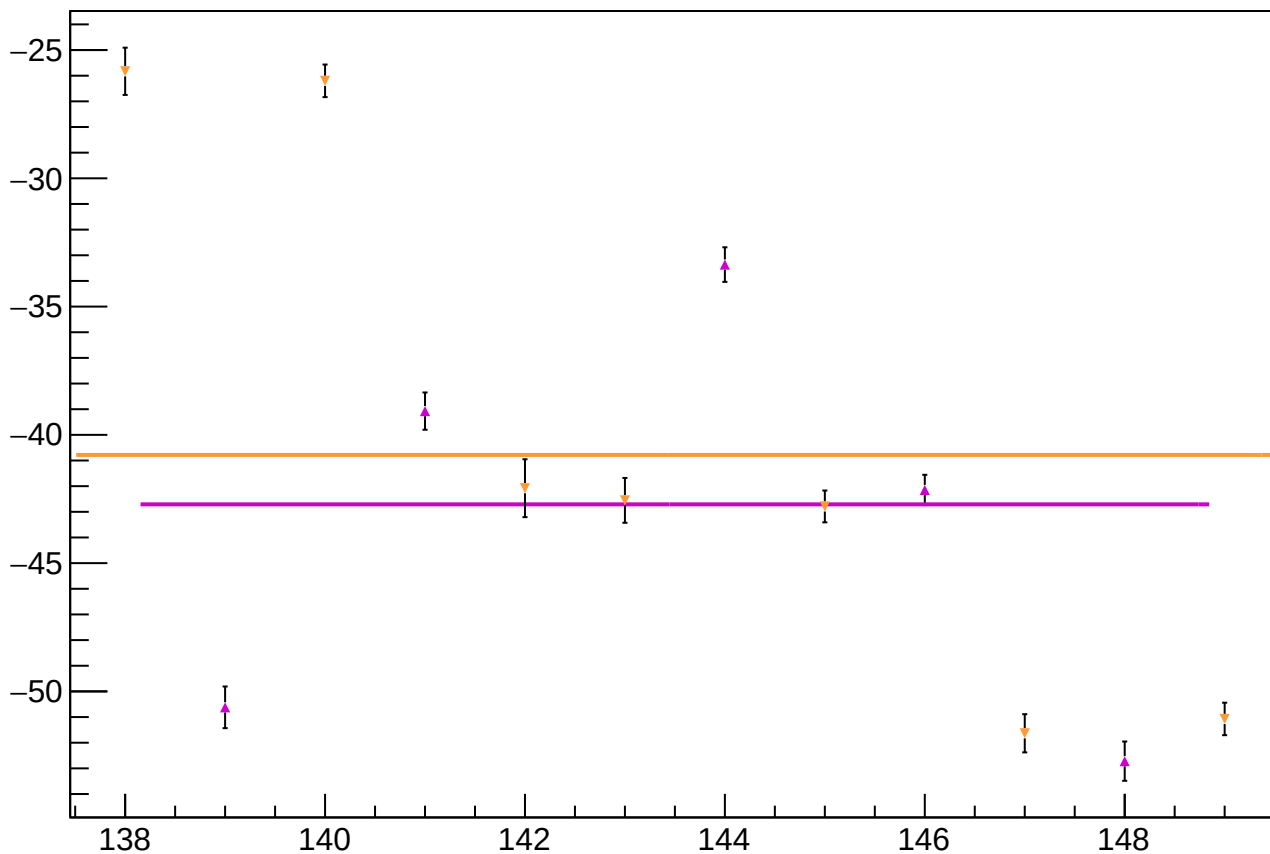
Left In: -4.845+/-0.211 χ^2/NDF :1059.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.979+/-0.142 χ^2/NDF : 2296.8/11

- 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: -40.783+/-0.281 χ^2/NDF : 1283.9/6

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

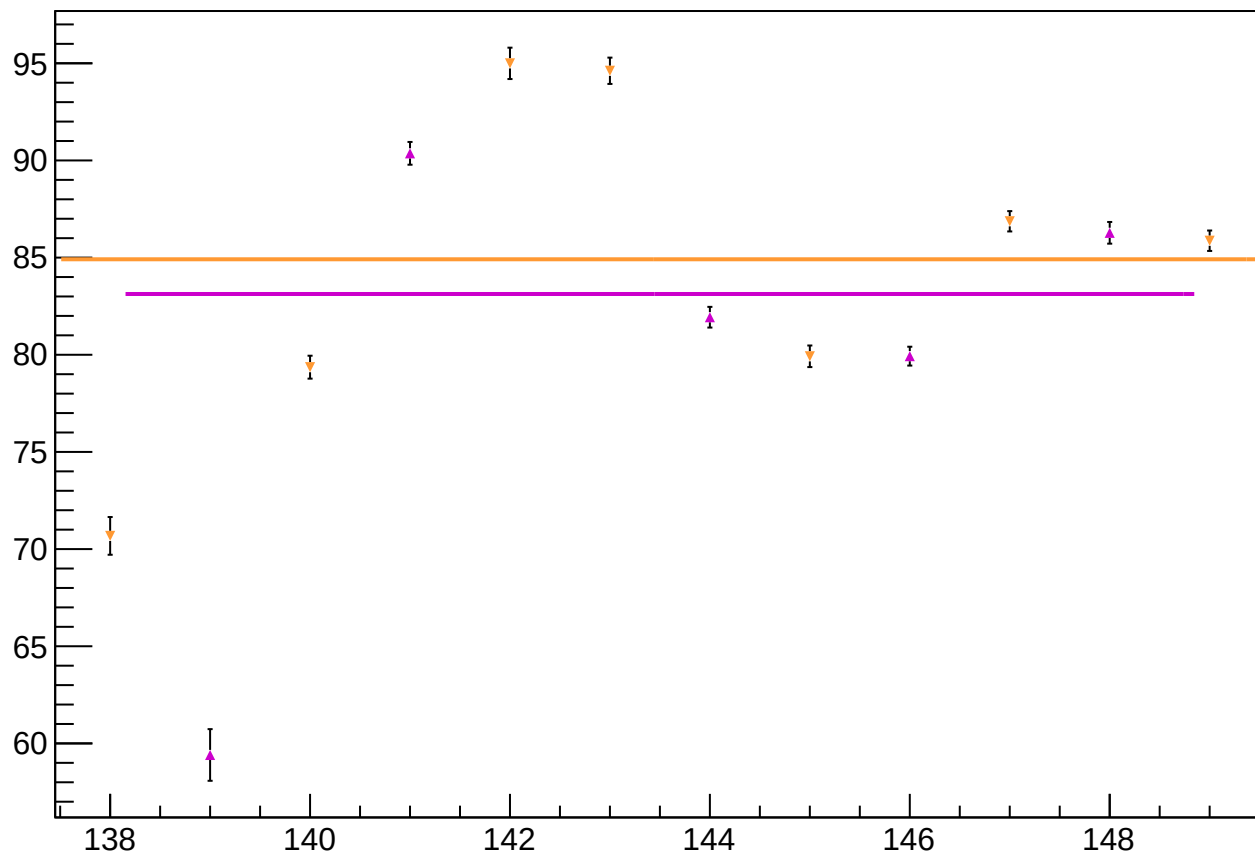
Left In: -42.709+/-0.313 χ^2/NDF : 484.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.641+/-0.209 χ^2/NDF : 1788.8/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 84.914+/-0.235 χ^2/NDF : 763.0/6

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

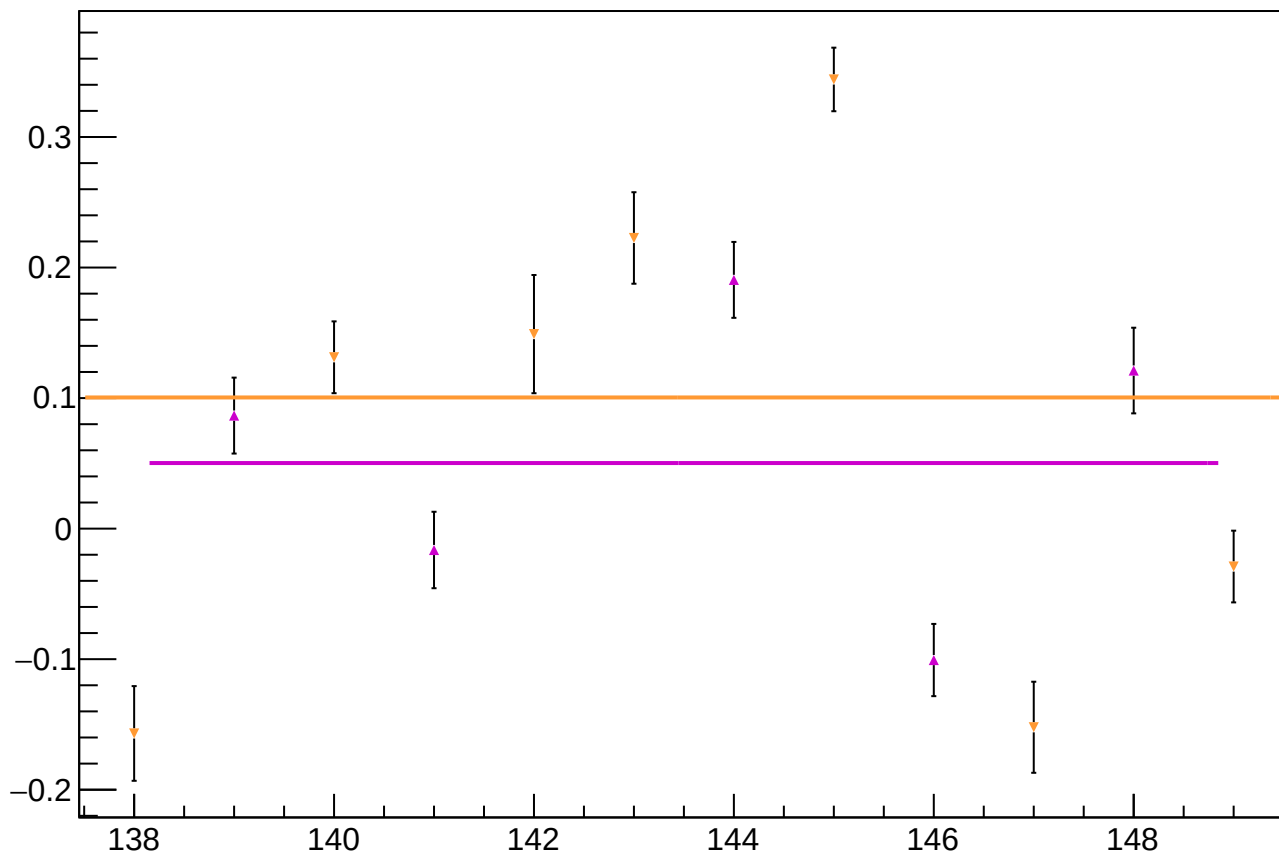
Left In: 83.127+/-0.263 χ^2/NDF : 551.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.122+/-0.175 χ^2/NDF : 1340.2/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.100+/-0.012 χ^2/NDF : 239.8/6

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

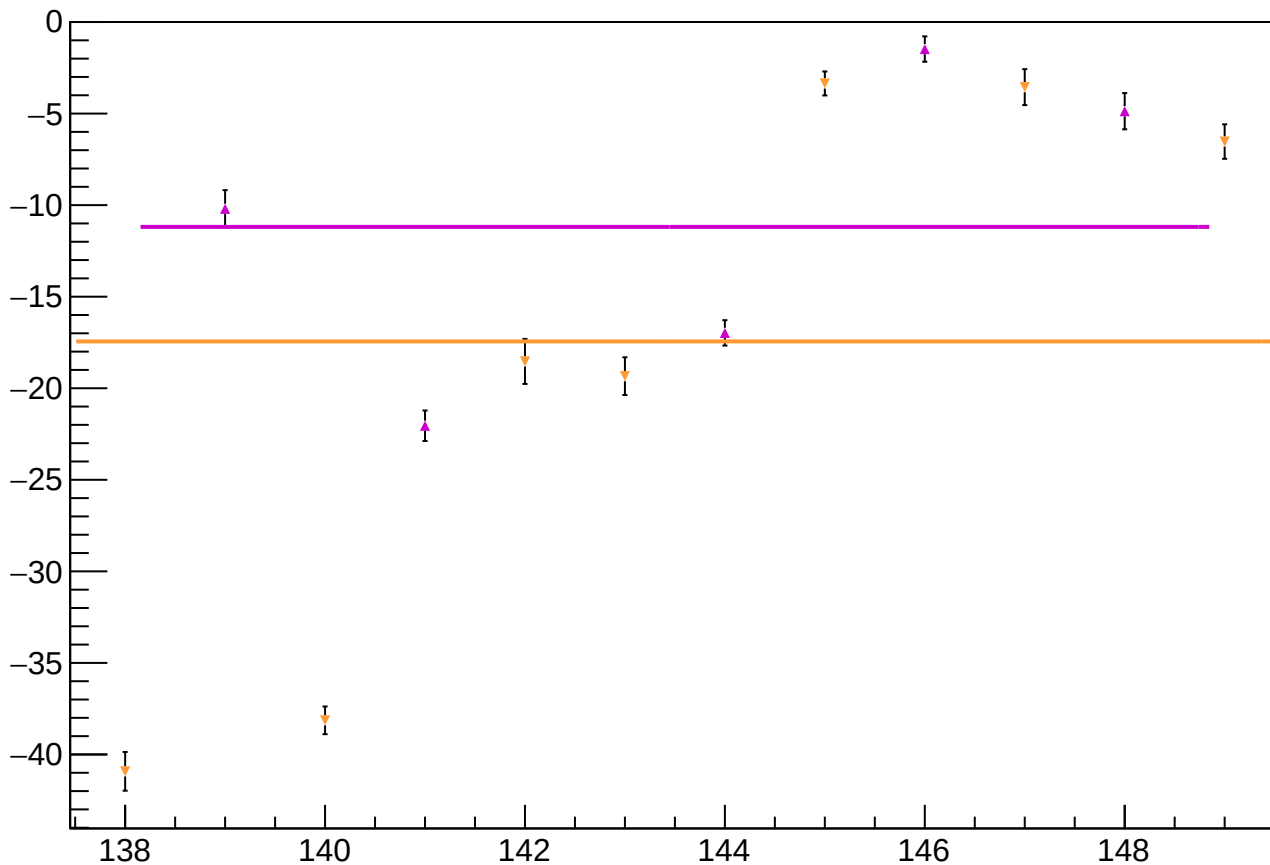
Left In: 0.050+/-0.013 χ^2/NDF : 64.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.078+/-0.009 χ^2/NDF : 312.3/11

- sign 0.000+/-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: -17.444+/-0.338 χ^2/NDF : 2040.9/6

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

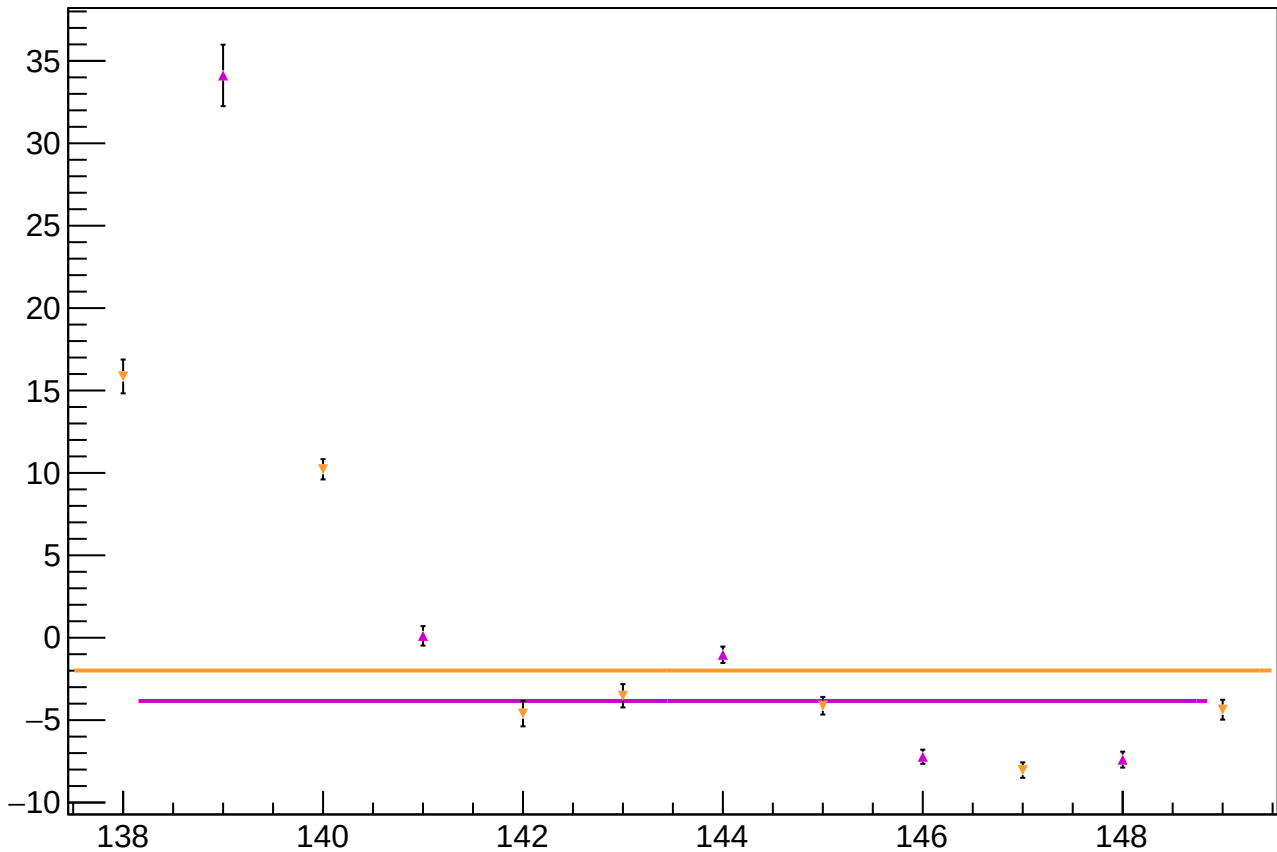
Left In: -11.188+/-0.363 χ^2/NDF : 478.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.537+/-0.247 χ^2/NDF : 2677.9/11

- 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: -1.989+/-0.235 χ^2/NDF : 912.0/6

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

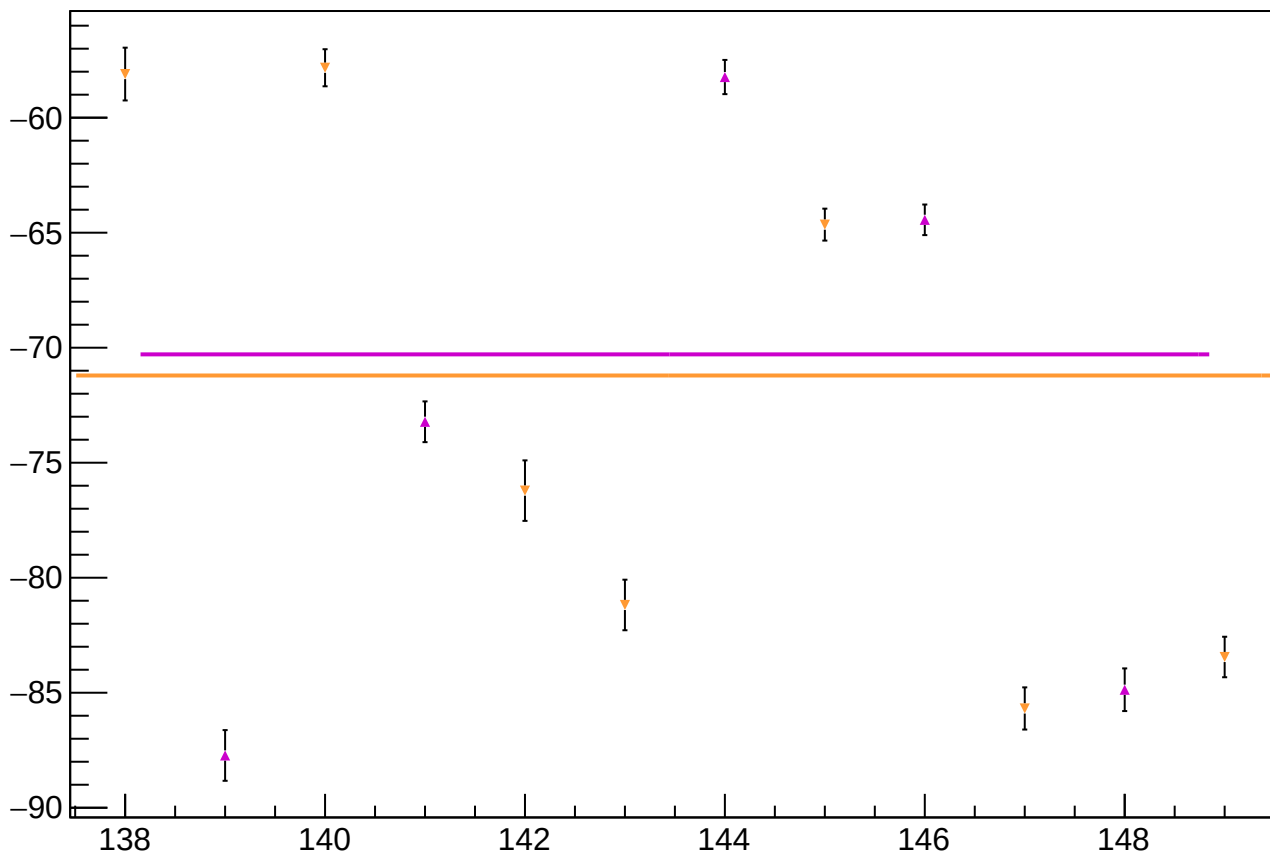
Left In: -3.836+/-0.243 χ^2/NDF : 607.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.882+/-0.169 χ^2/NDF : 1549.5/11

- 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: -71.208+/-0.348 χ^2/NDF :1034.8/6

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

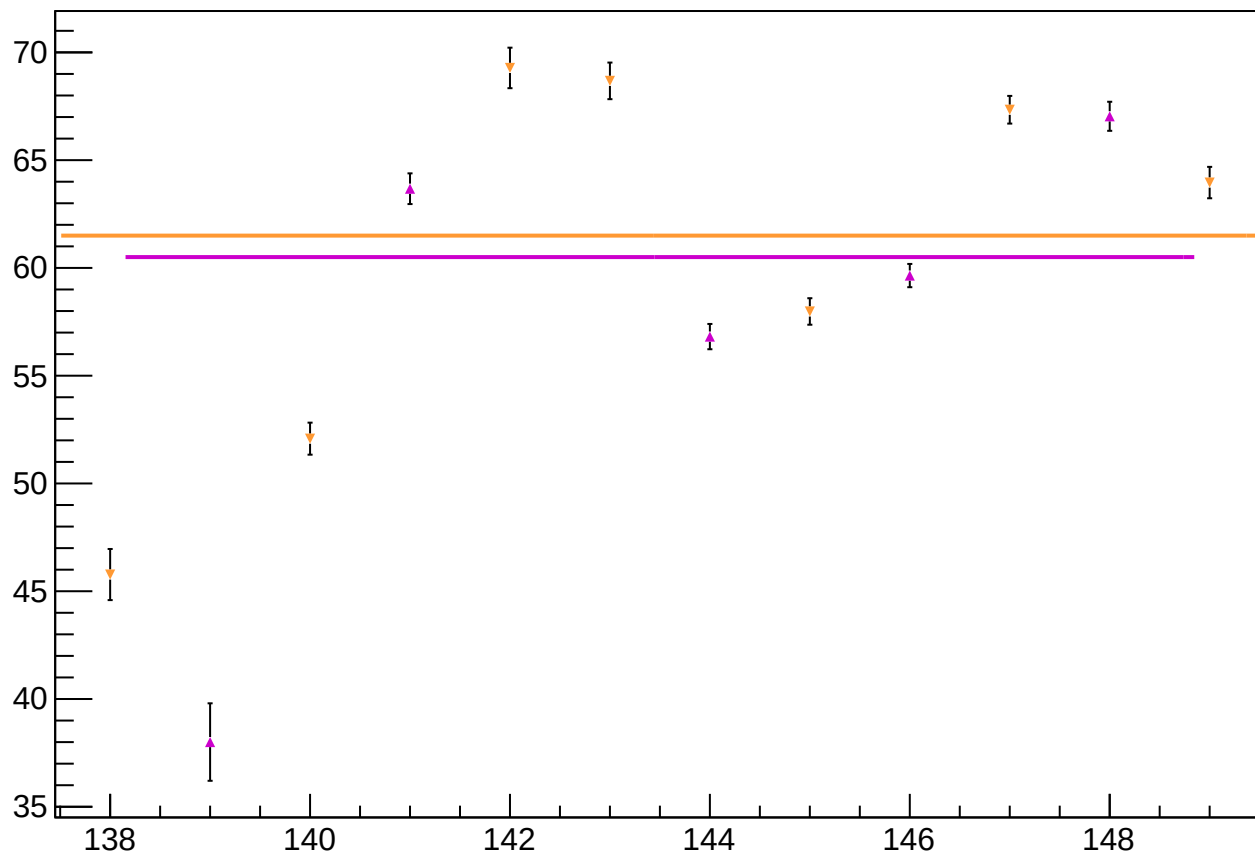
Left In: -70.290+/-0.369 χ^2/NDF :848.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.776+/-0.253 χ^2/NDF : 1886.9/11

- 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: 61.499+/-0.289 χ^2/NDF : 603.5/6

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

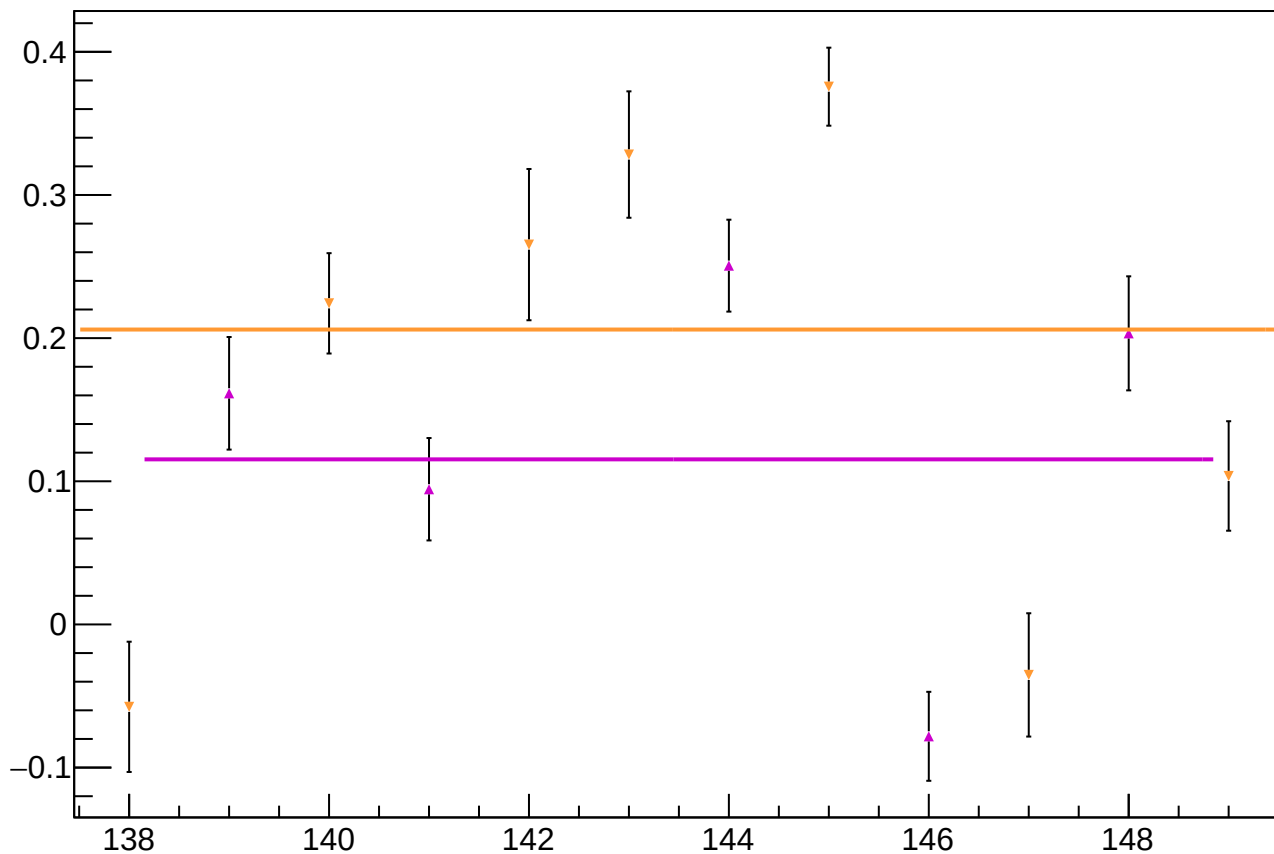
Left In: 60.503+/-0.304 χ^2/NDF : 312.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.027+/-0.209 χ^2/NDF : 921.6/11

- 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: 0.206 $\pm$ 0.015 χ^2 /NDF:120.0/6

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

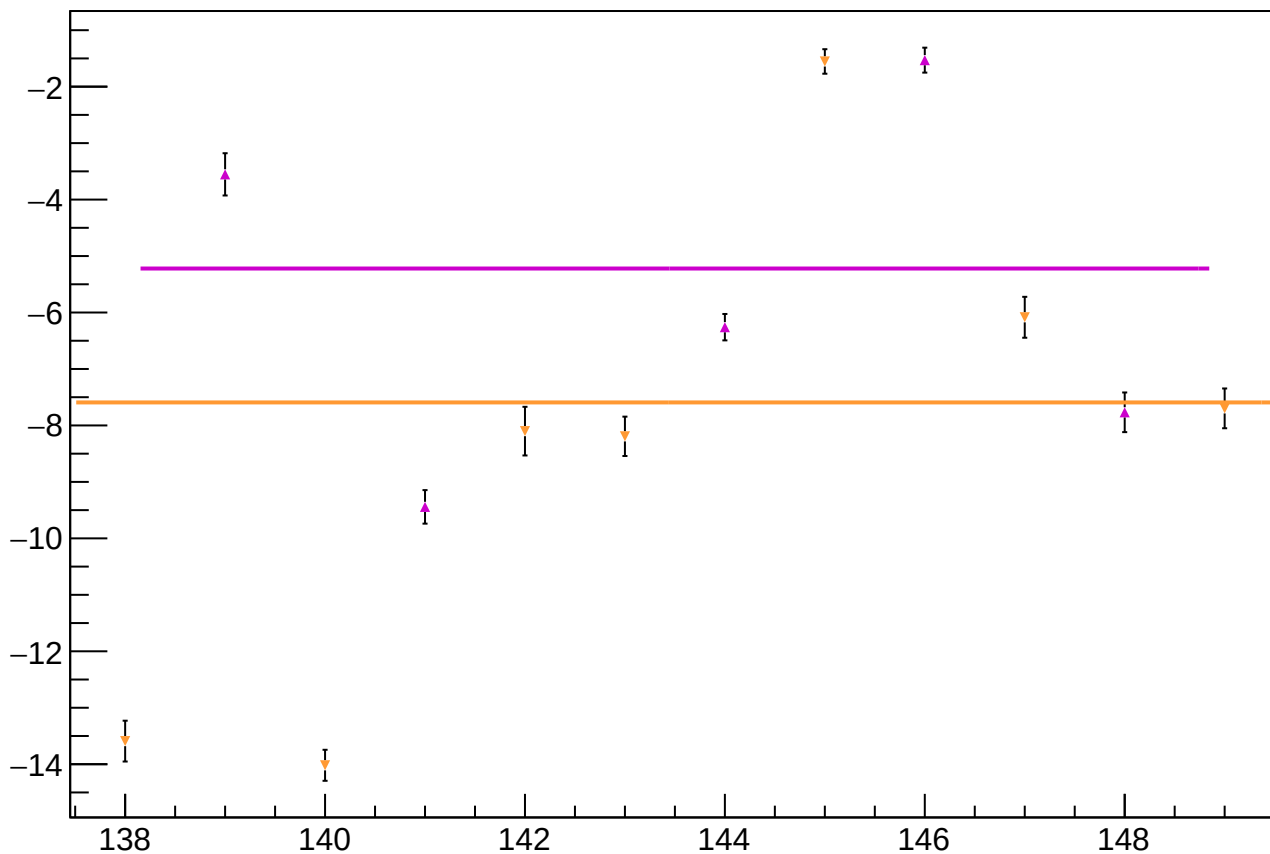
Left In: 0.115 $\pm$ 0.016 χ^2 /NDF:63.1/4

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

All: 0.164 $\pm$ 0.011 χ^2 /NDF: 201.2/11

- 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: -7.592+/-0.118 χ^2/NDF : 1619.0/6

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

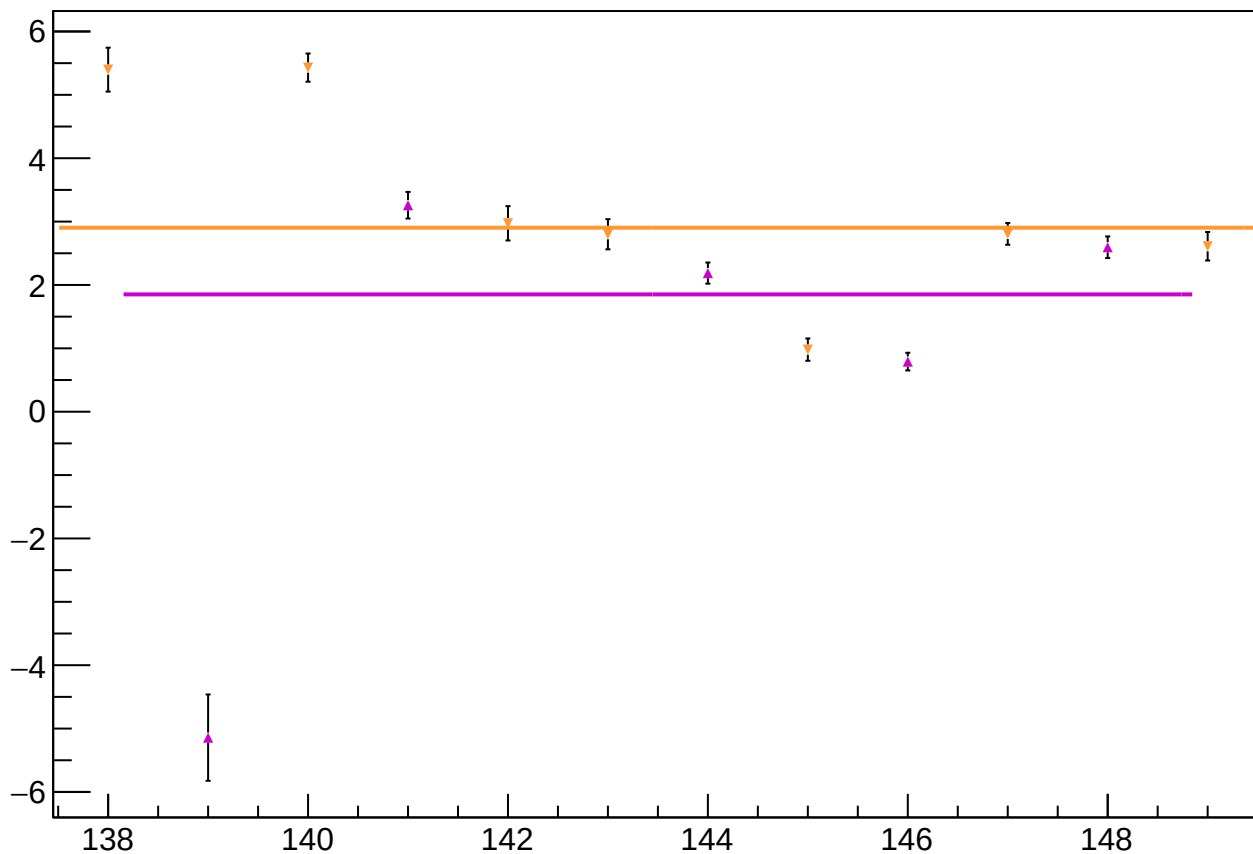
Left In: -5.221+/-0.124 χ^2/NDF : 573.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.459+/-0.085 χ^2/NDF : 2384.6/11

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 2.904 $\pm$ 0.083 χ^2 /NDF:302.3/6

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

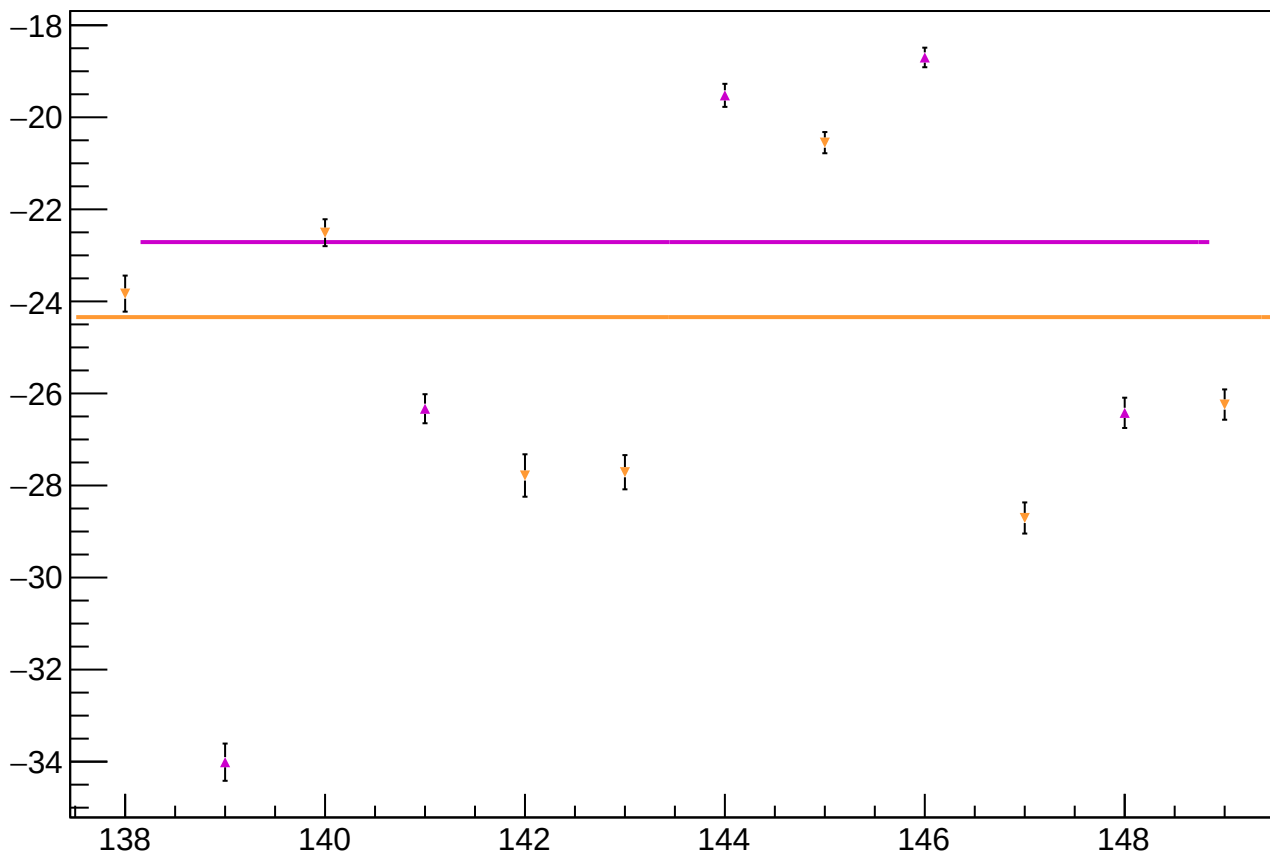
Left In: 1.851 $\pm$ 0.083 χ^2 /NDF:231.0/4

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

All: 2.376 $\pm$ 0.059 χ^2 /NDF: 614.2/11

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

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -24.342+/-0.122 χ^2/NDF : 649.4/6

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

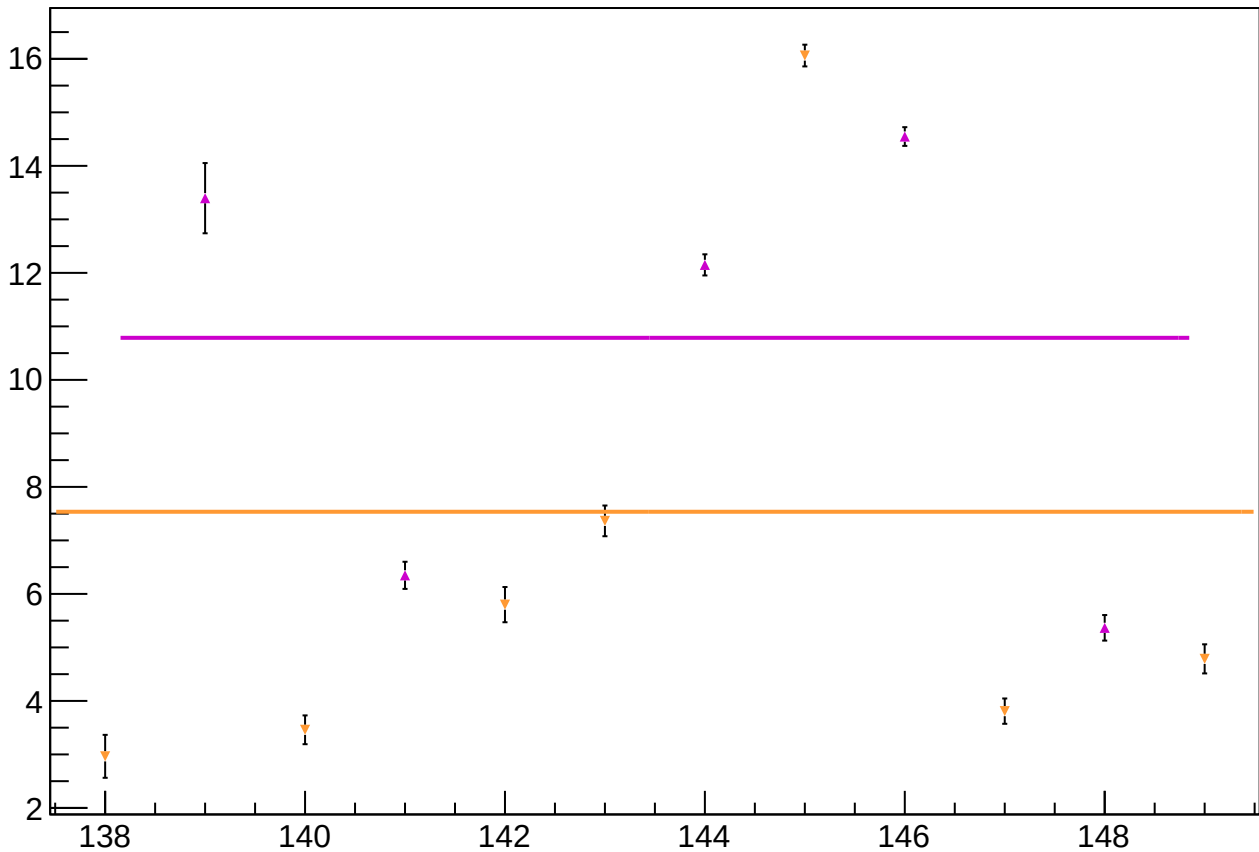
Left In: -22.711+/-0.126 χ^2/NDF : 1557.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.548+/-0.088 χ^2/NDF : 2293.1/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

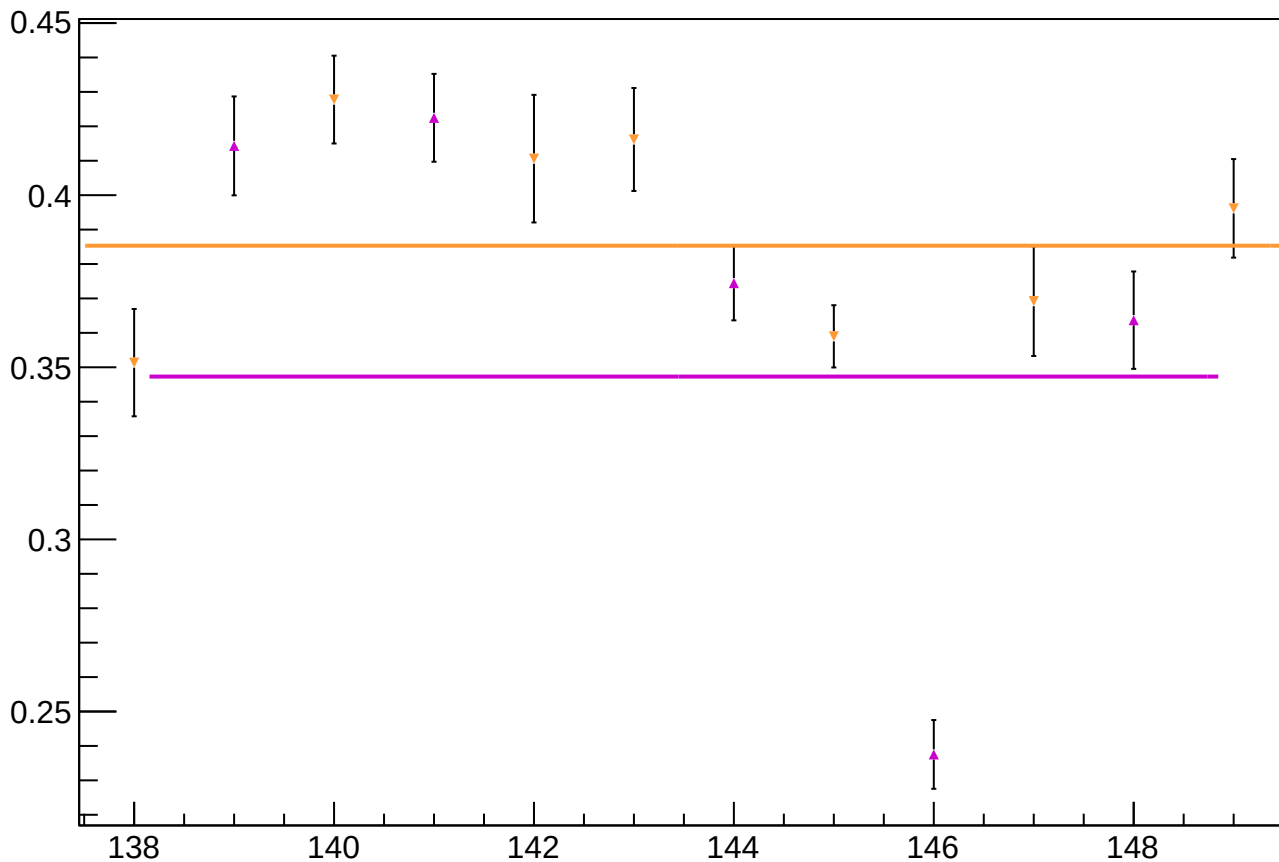
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.535 $\pm$ 0.102 χ^2 /NDF:2498.0/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.786 $\pm$ 0.103 χ^2 /NDF:1346.9/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 9.133 $\pm$ 0.072 χ^2 /NDF: 4348.5/11
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.385 $\pm$ 0.005 χ^2 /NDF:32.0/6

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

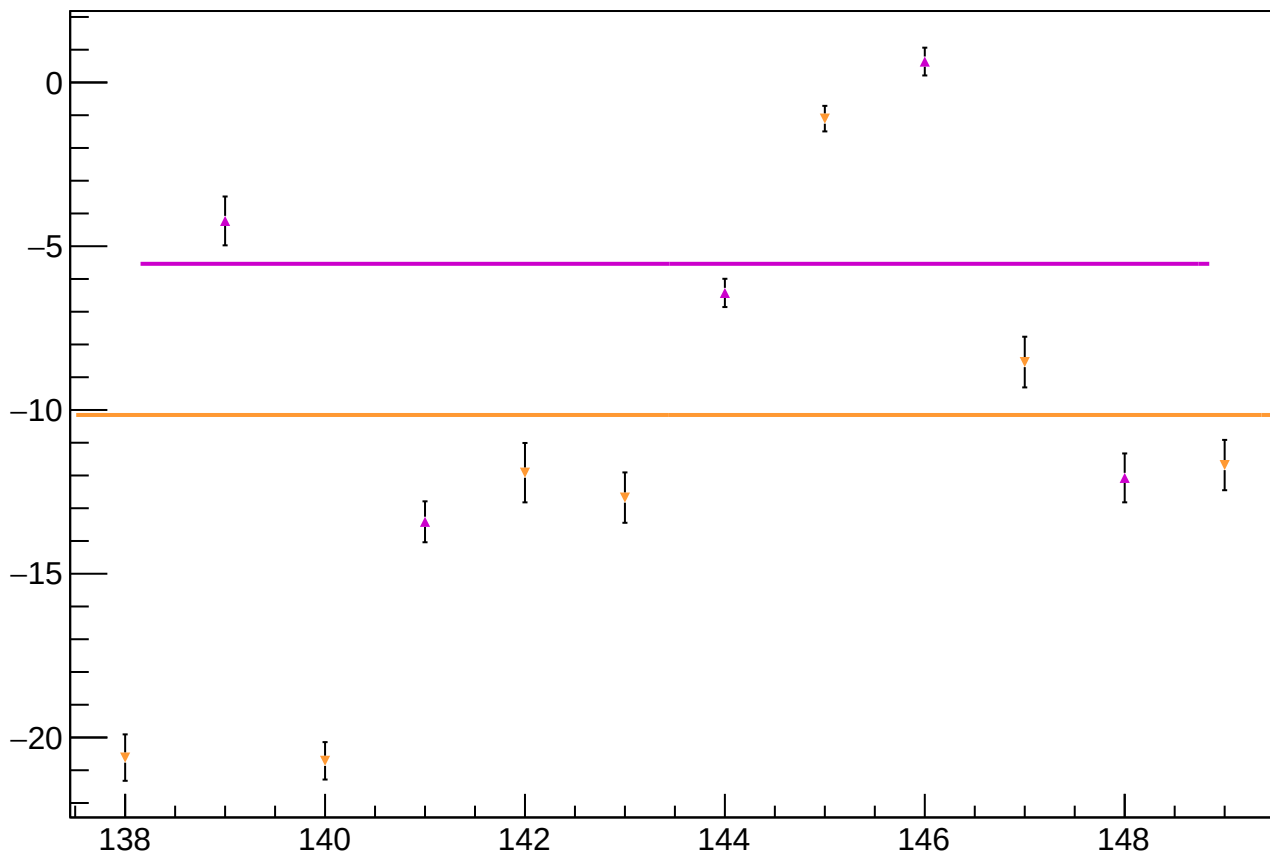
Left In: 0.347 $\pm$ 0.005 χ^2 /NDF:184.9/4

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

All: 0.367 $\pm$ 0.004 χ^2 /NDF: 243.3/11

- 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: -10.152 $\pm$ 0.236 χ^2 /NDF:1120.4/6

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

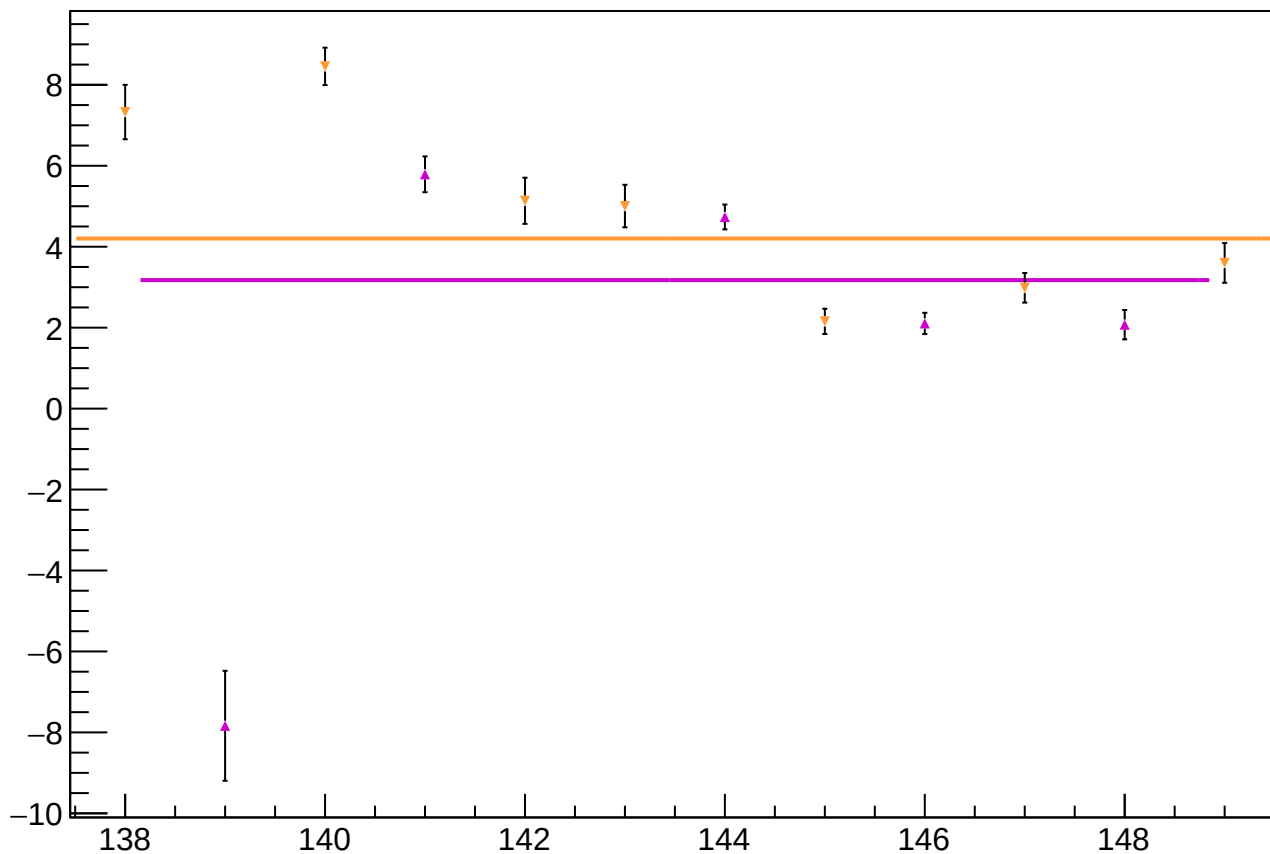
Left In: -5.537 $\pm$ 0.242 χ^2 /NDF:454.7/4

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

All: -7.898 $\pm$ 0.169 χ^2 /NDF: 1761.3/11

- 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: 4.202 $\pm$ 0.168 χ^2 /NDF:166.9/6

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

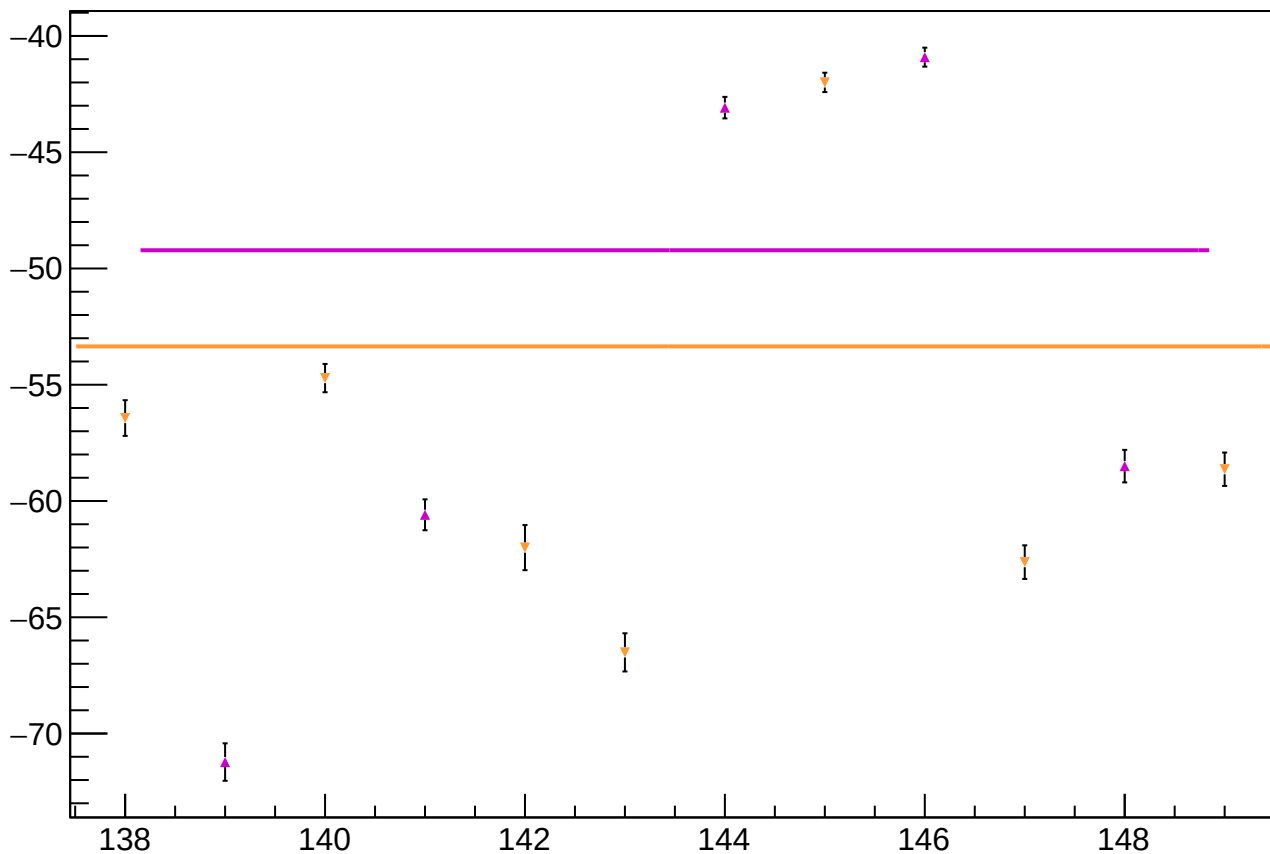
Left In: 3.175 $\pm$ 0.161 χ^2 /NDF:152.4/4

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

All: 3.668 $\pm$ 0.116 χ^2 /NDF: 338.7/11

- 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: -53.351 ± 0.246 χ^2/NDF : 1321.9/6

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

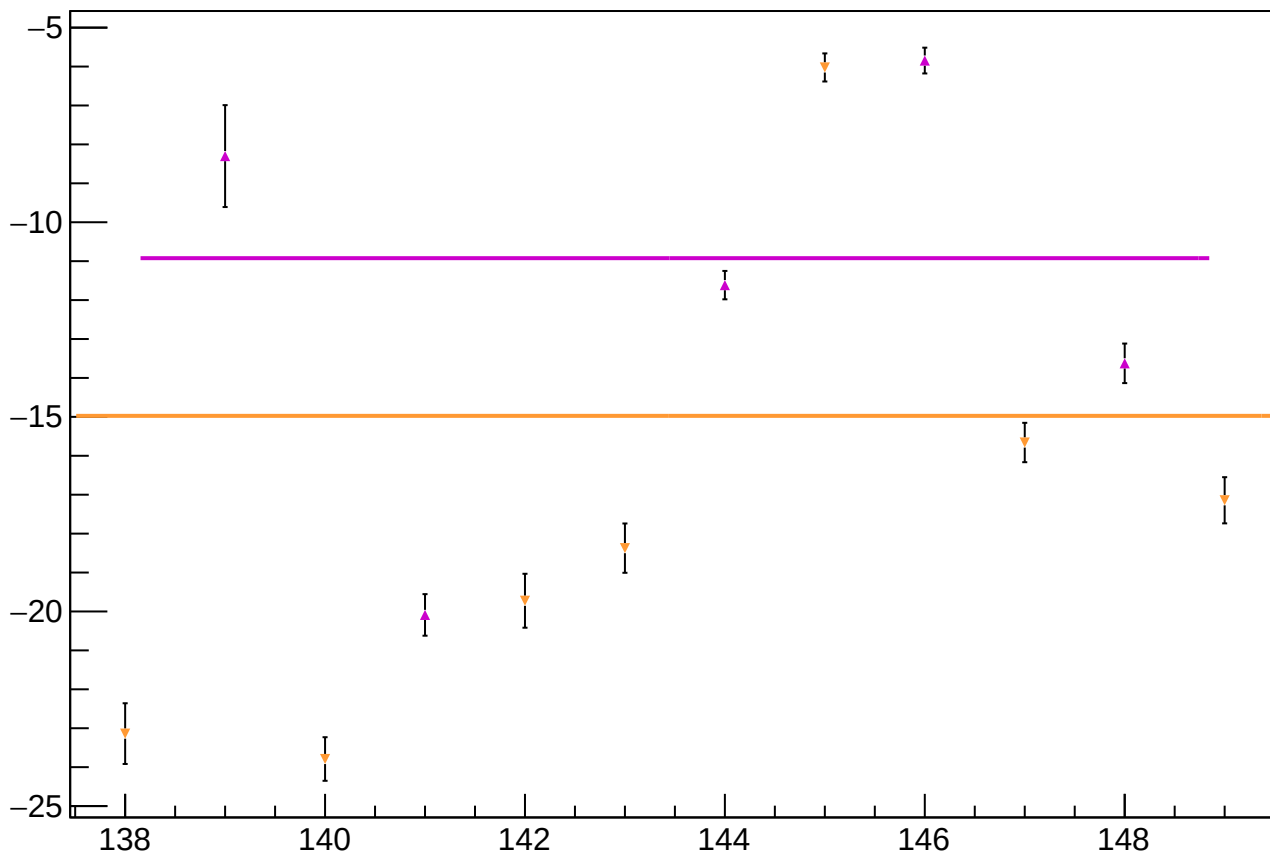
Left In: -49.216 ± 0.246 χ^2/NDF : 1805.6/4

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.286 ± 0.174 χ^2/NDF : 3269.1/11

- 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: -14.974+/-0.205 χ^2/NDF :1063.8/6

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

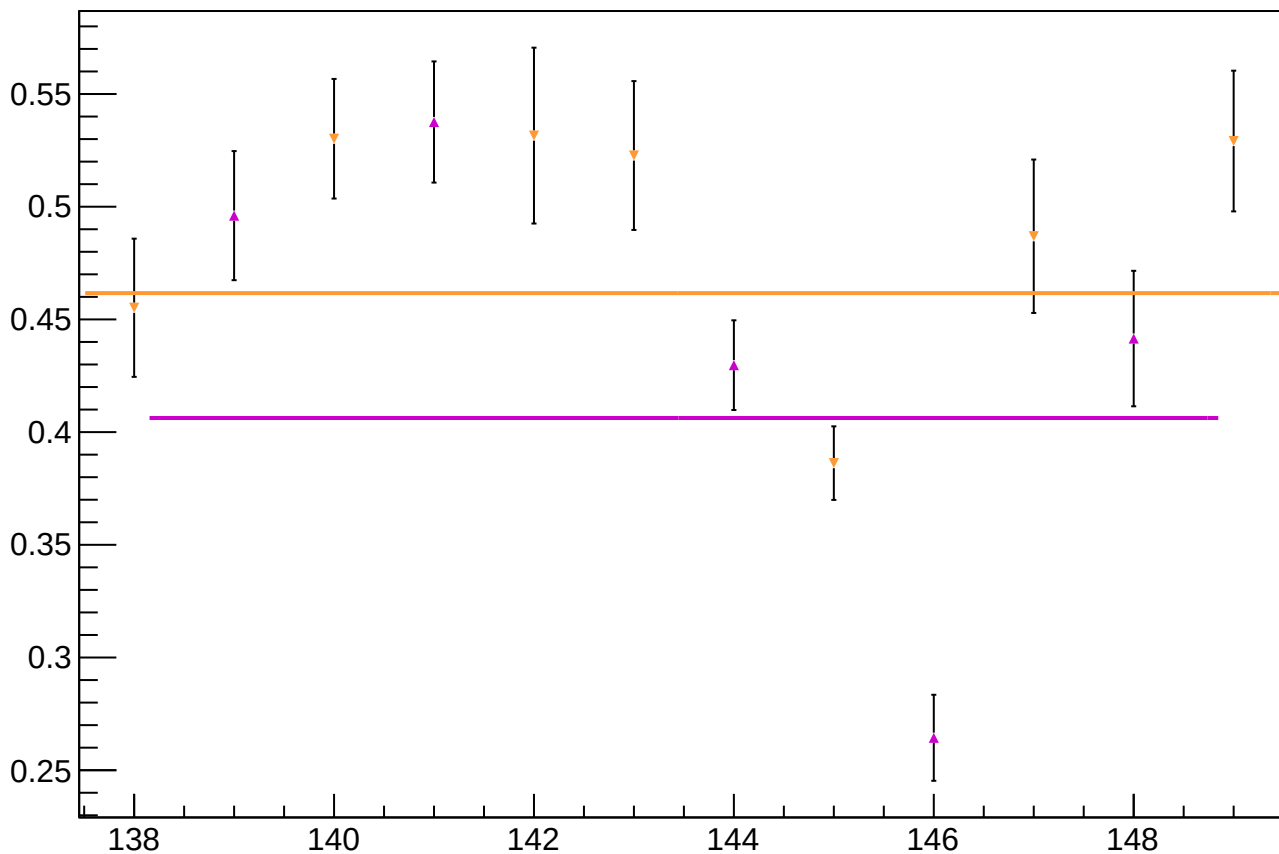
Left In: -10.923+/-0.202 χ^2/NDF :565.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.917+/-0.144 χ^2/NDF : 1828.1/11

- 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: 0.462 $\pm$ 0.010 χ^2 /NDF:39.9/6

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

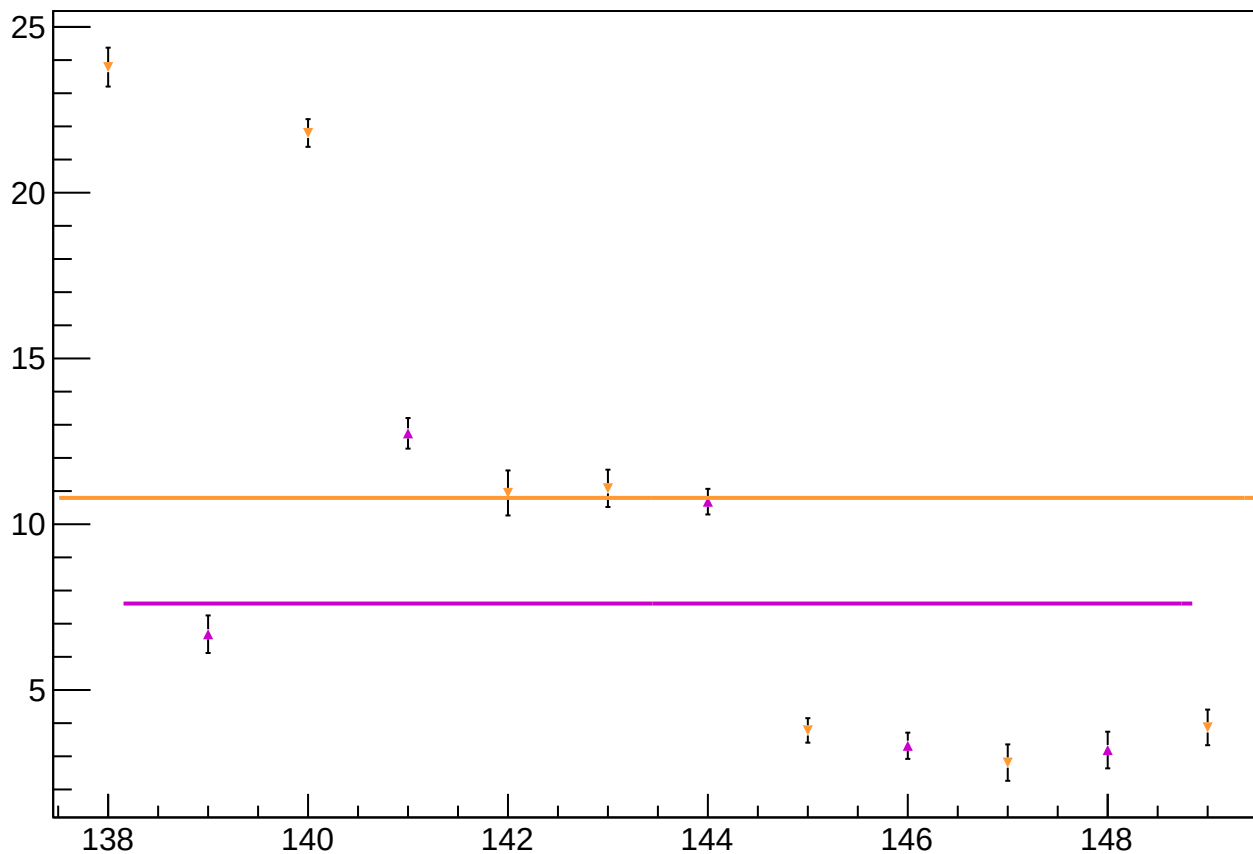
Left In: 0.406 $\pm$ 0.011 χ^2 /NDF:91.7/4

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

All: 0.435 $\pm$ 0.007 χ^2 /NDF: 146.0/11

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 10.794 $\pm$ 0.189 χ^2 /NDF:1921.2/6

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

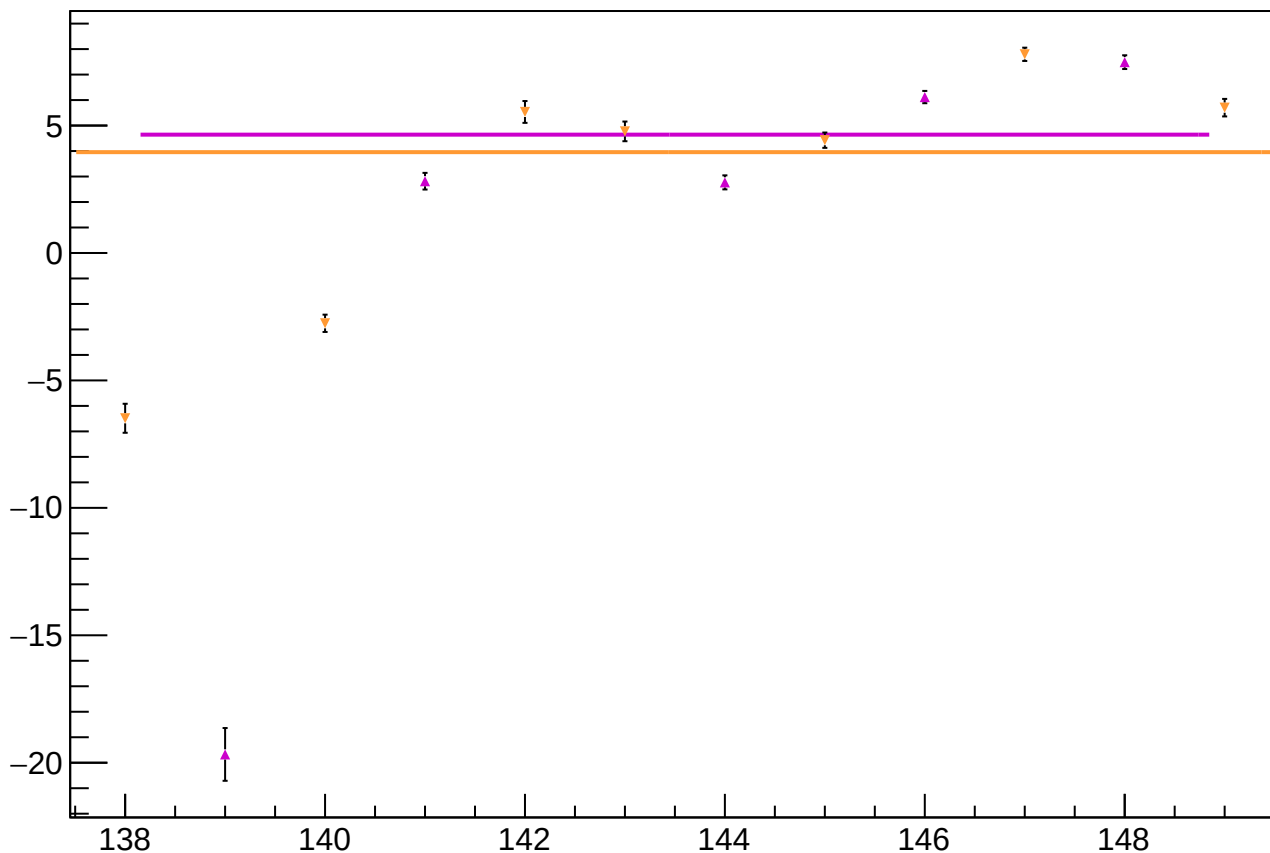
Left In: 7.608 $\pm$ 0.203 χ^2 /NDF:371.4/4

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

All: 9.319 $\pm$ 0.138 χ^2 /NDF: 2424.5/11

- sign 0.000 $\pm$ 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: 3.957+/-0.131 χ^2/NDF : 990.6/6

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

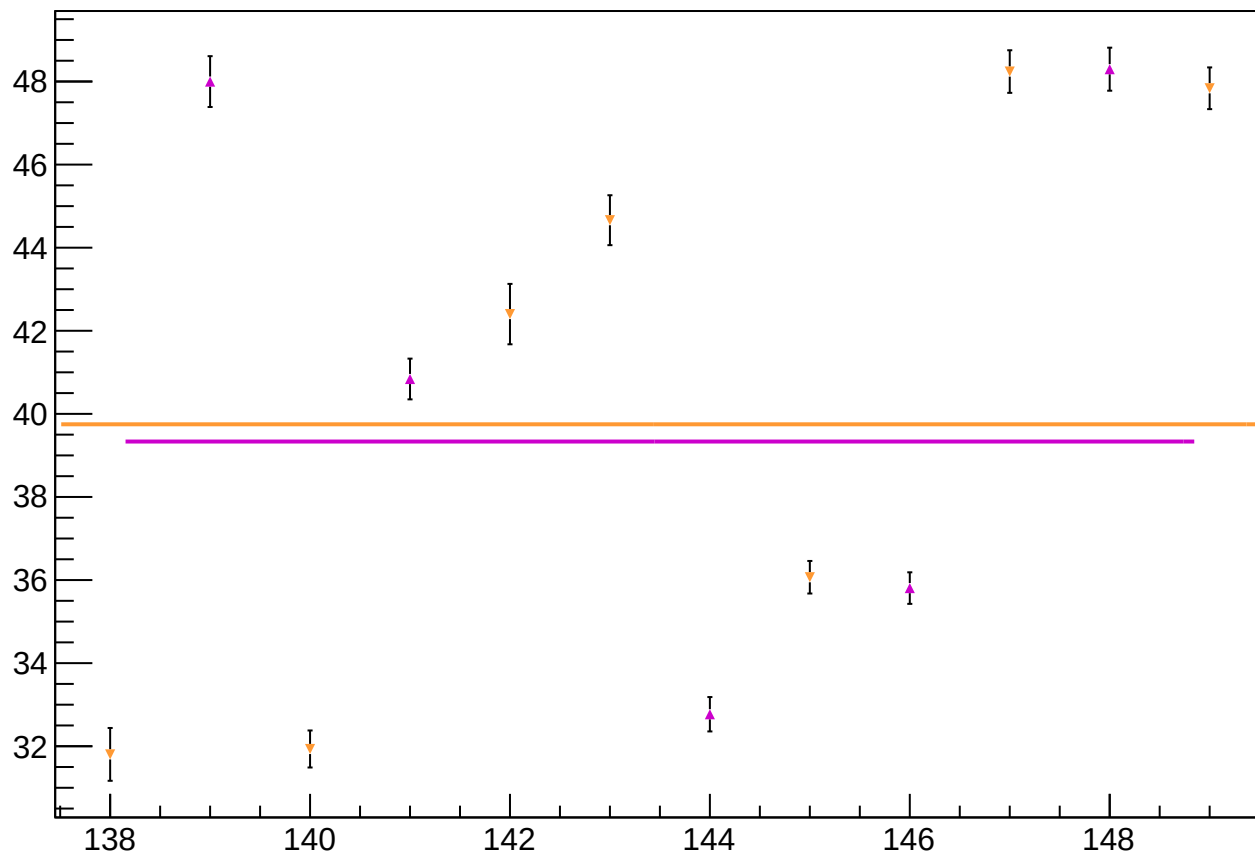
Left In: 4.643+/-0.136 χ^2/NDF : 778.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.288+/-0.094 χ^2/NDF : 1781.8/11

- 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: 39.749+/-0.194 χ^2/NDF :1166.2/6

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

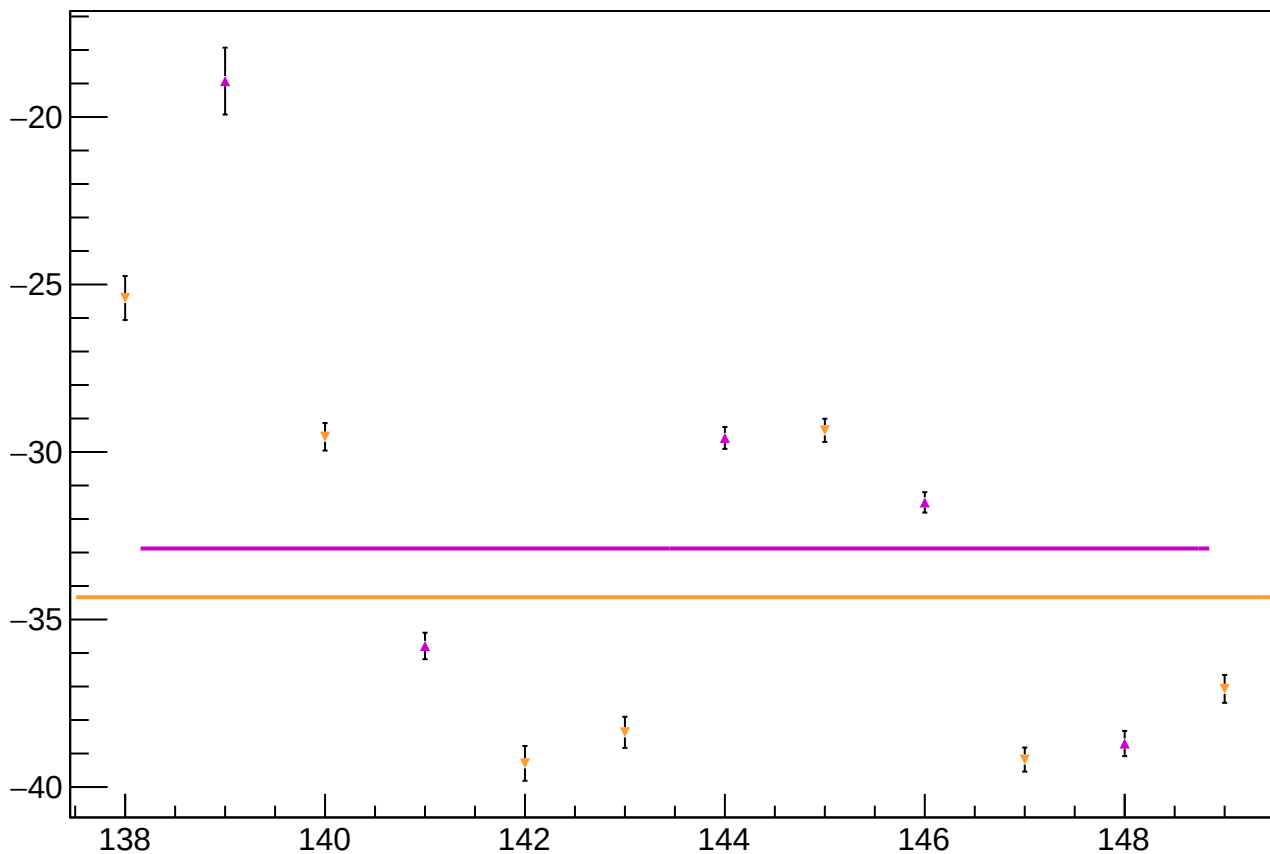
Left In: 39.334+/-0.207 χ^2/NDF :847.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.555+/-0.142 χ^2/NDF : 2015.6/11

- 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: -34.333+/-0.161 χ^2/NDF : 919.8/6

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

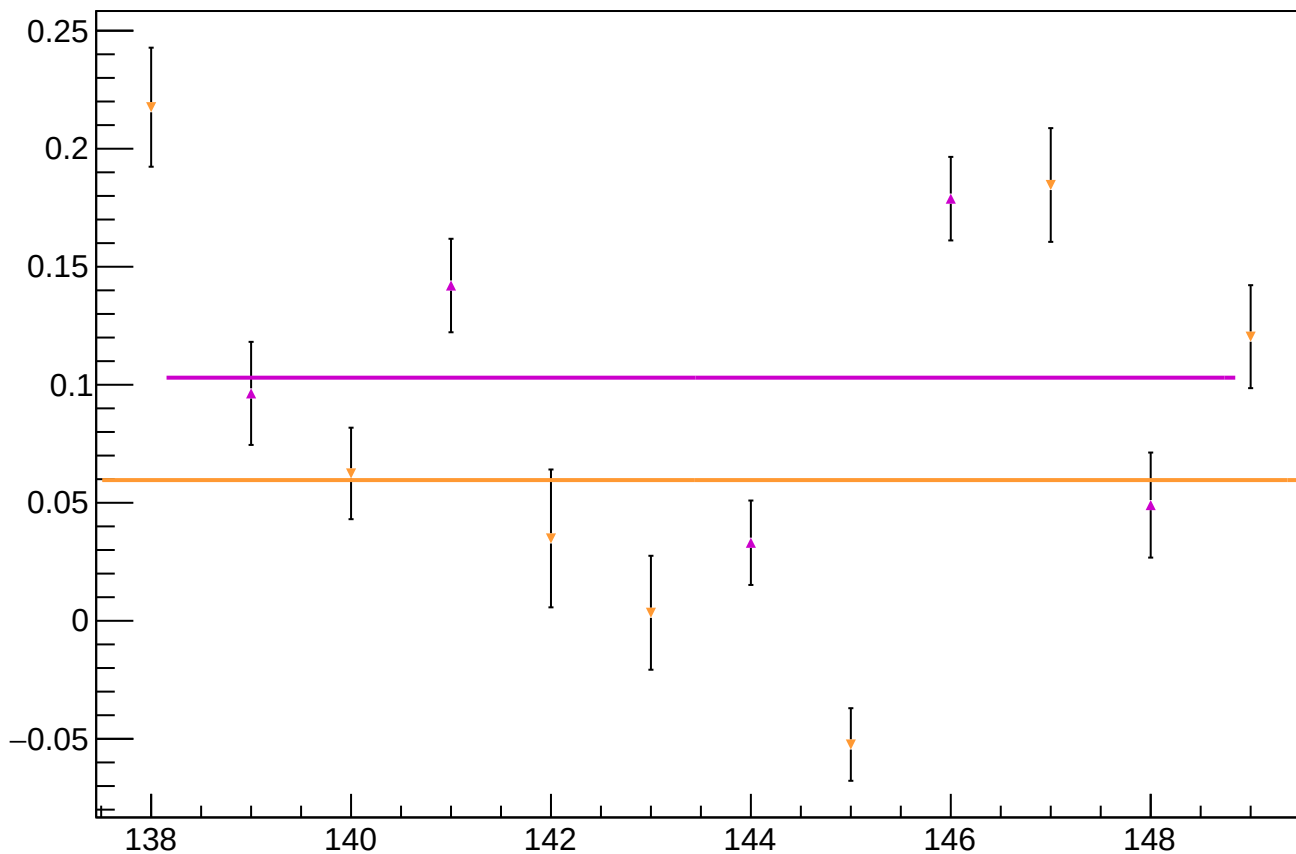
Left In: -32.881+/-0.170 χ^2/NDF : 611.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.645+/-0.117 χ^2/NDF : 1569.9/11

- 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: 0.060 $\pm$ 0.008 χ^2 /NDF:133.1/6

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

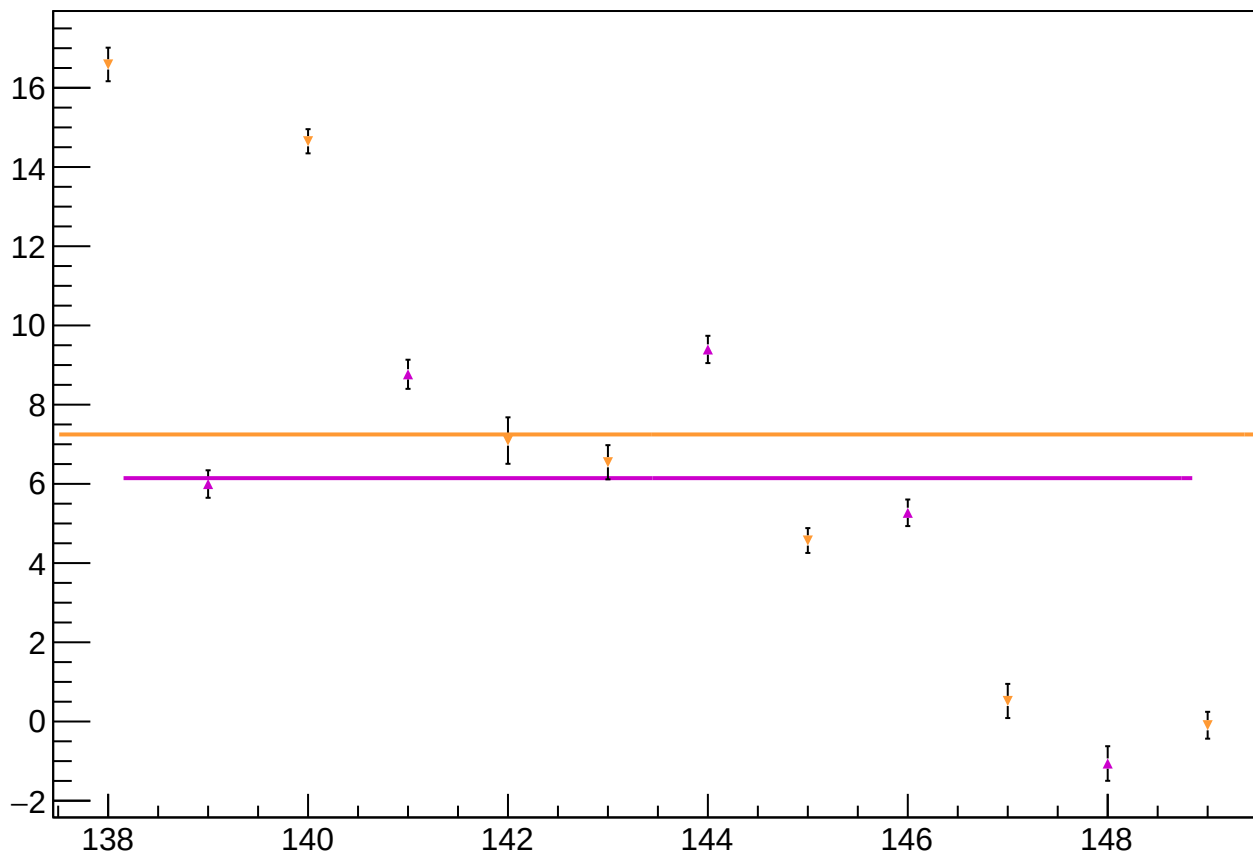
Left In: 0.103 $\pm$ 0.009 χ^2 /NDF:43.5/4

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

All: 0.080 $\pm$ 0.006 χ^2 /NDF: 189.8/11

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

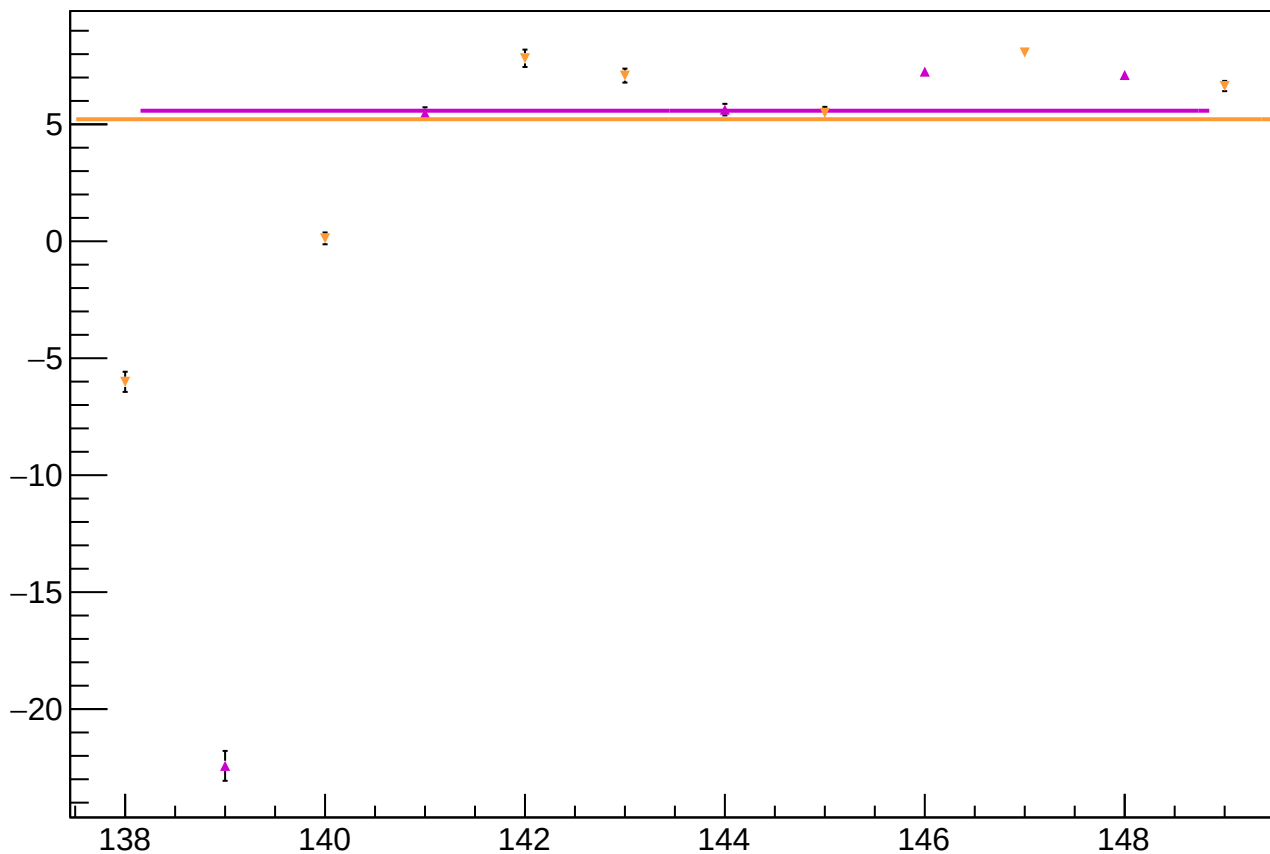
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.248+/-0.143 χ^2/NDF :1862.1/6
 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: 6.763+/-0.107 χ^2/NDF : 2307.4/11
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

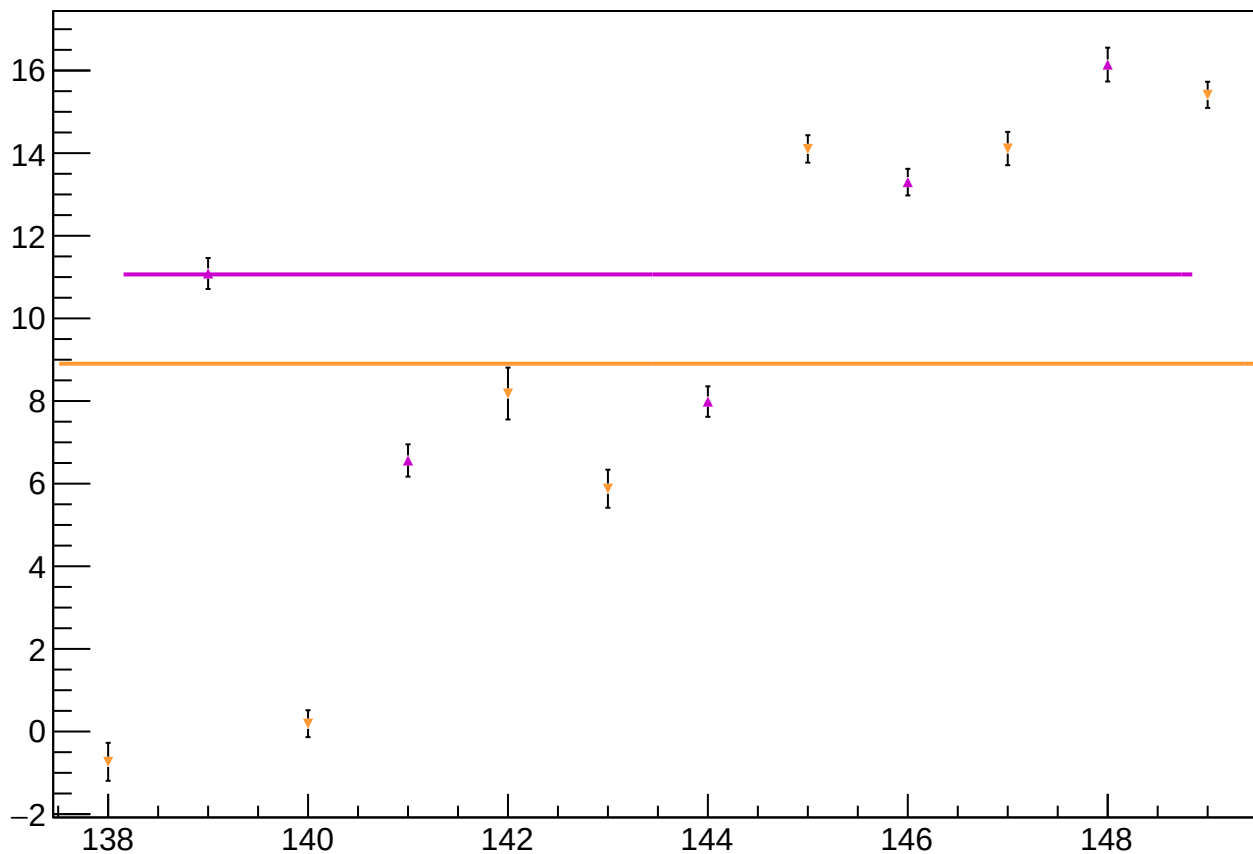
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.217 $\pm$ 0.101 χ^2 /NDF:1404.0/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.582 $\pm$ 0.114 χ^2 /NDF:2033.1/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.376 $\pm$ 0.076 χ^2 /NDF: 3442.9/11
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

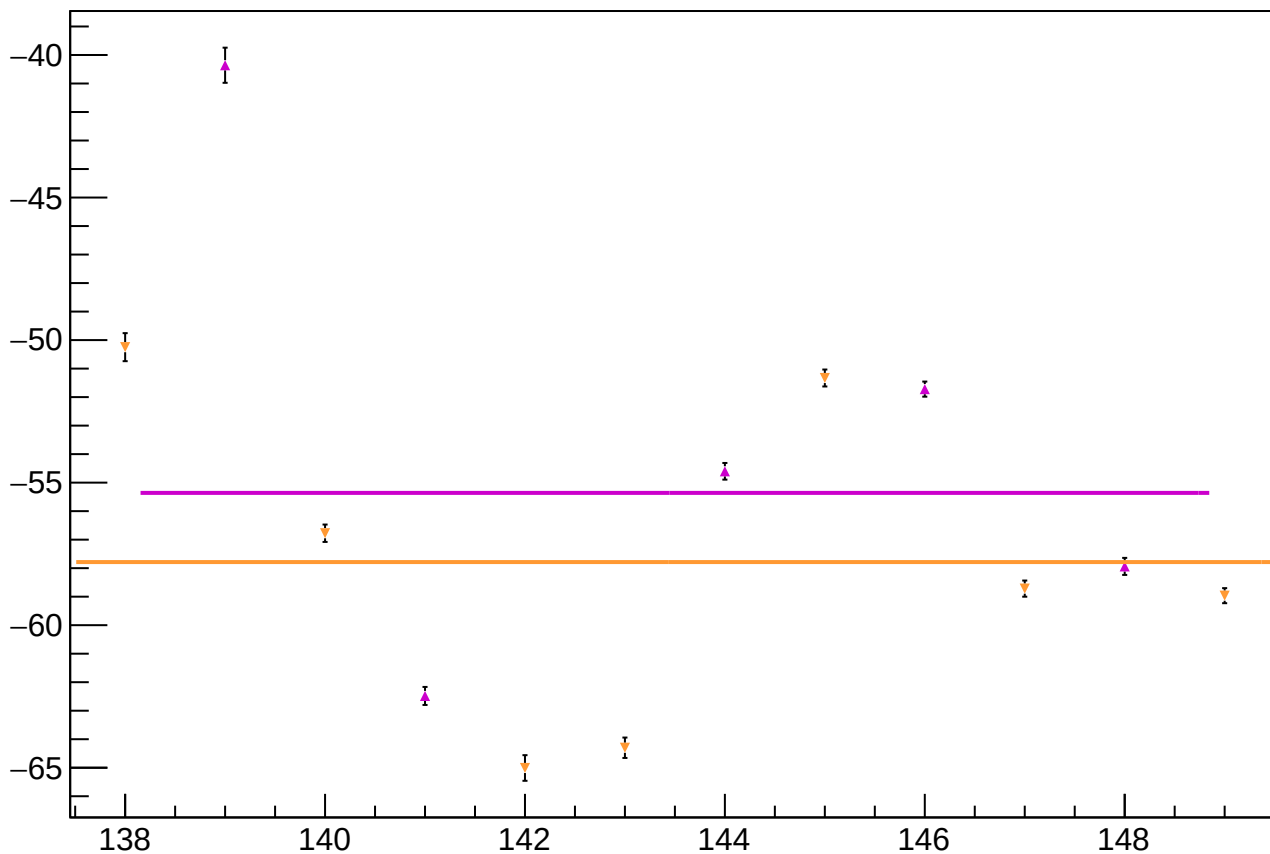
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.903+/-0.146 χ^2/NDF : 2036.0/6
 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: 9.854+/-0.110 χ^2/NDF : 2536.1/11
 - 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: -57.786+/-0.123 χ^2/NDF :1338.6/6

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

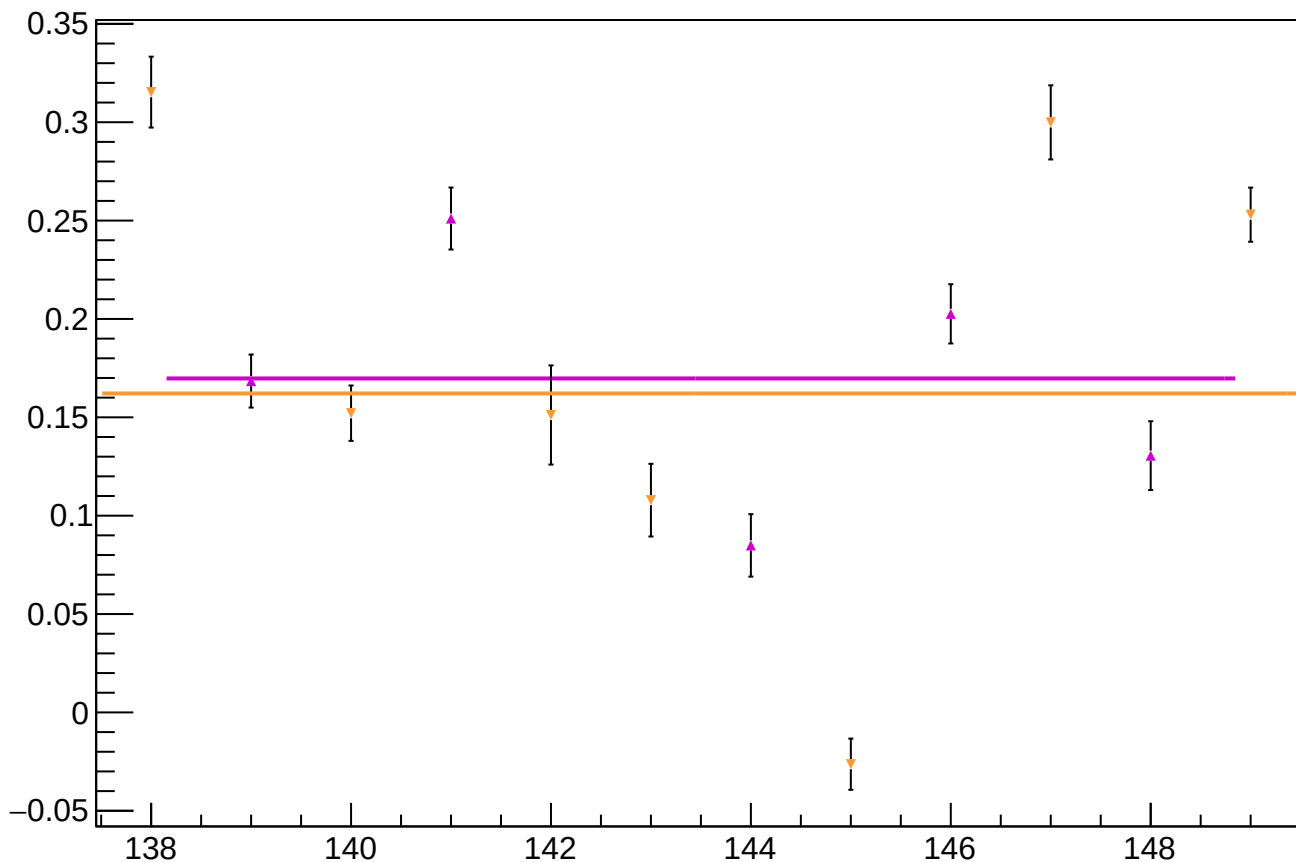
Left In: -55.360+/-0.142 χ^2/NDF :1370.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.741+/-0.093 χ^2/NDF : 2876.0/11

- 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: 0.162 $\pm$ 0.006 χ^2 /NDF:388.5/6

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

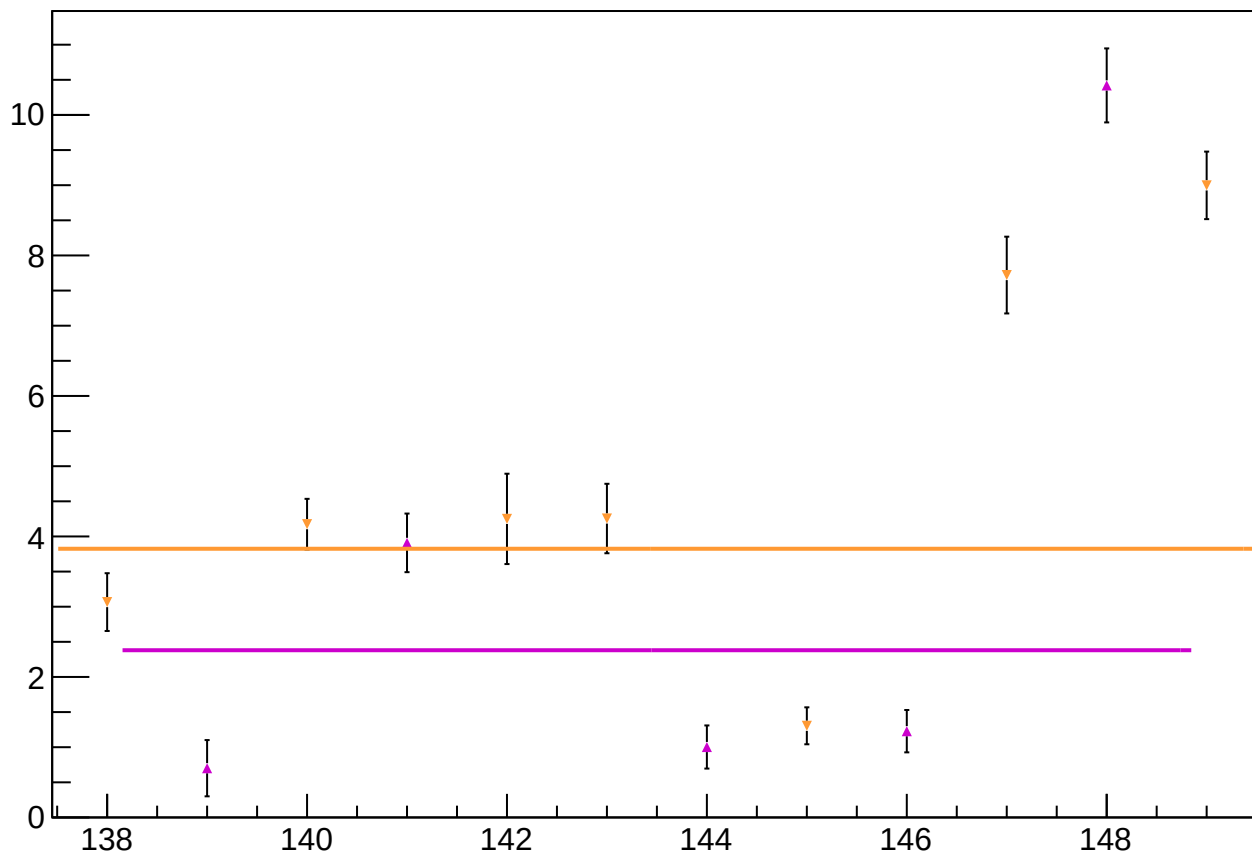
Left In: 0.170 $\pm$ 0.007 χ^2 /NDF:64.9/4

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

All: 0.166 $\pm$ 0.005 χ^2 /NDF: 454.1/11

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.825+/-0.154 χ^2/NDF :264.1/6

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

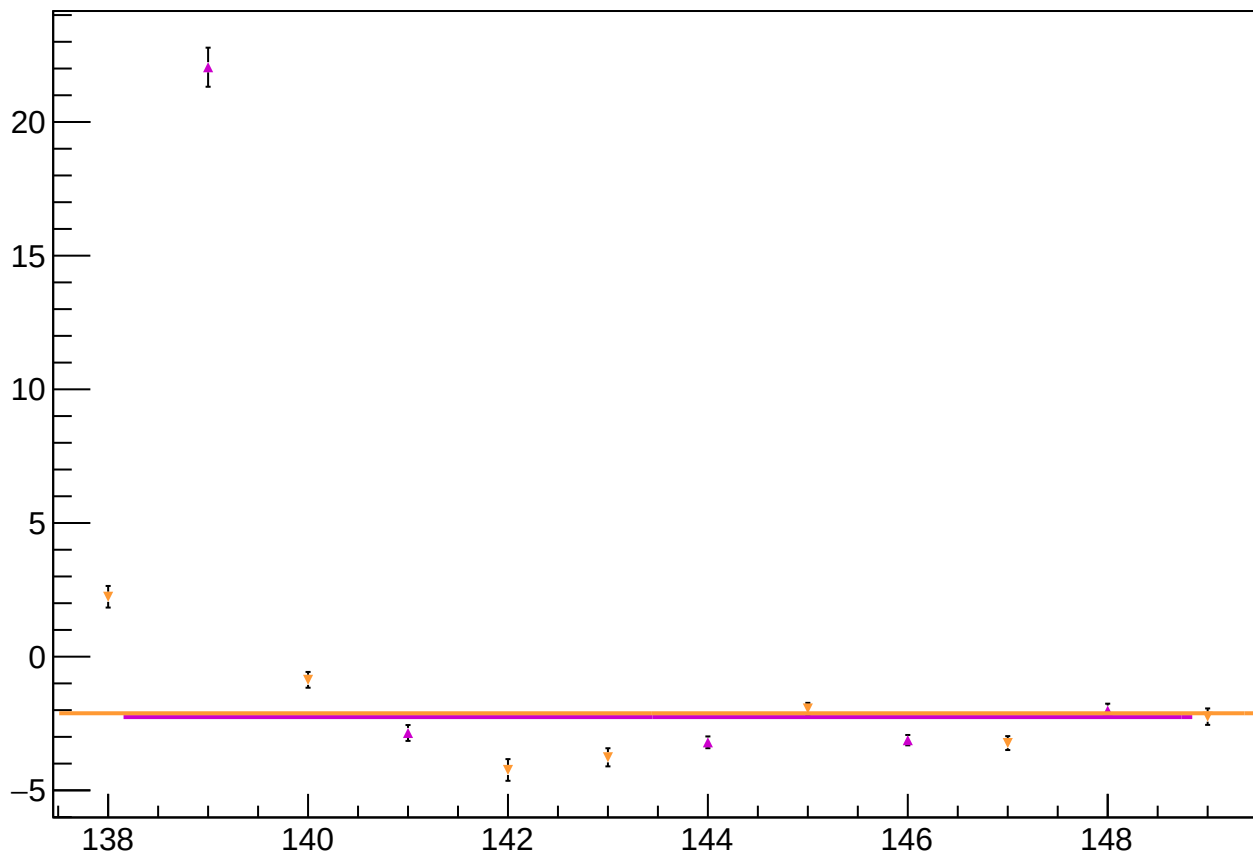
Left In: 2.380+/-0.164 χ^2/NDF :298.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.149+/-0.112 χ^2/NDF : 604.1/11

- sign 0.000+/-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: -2.117+/-0.112 χ^2/NDF : 204.4/6

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

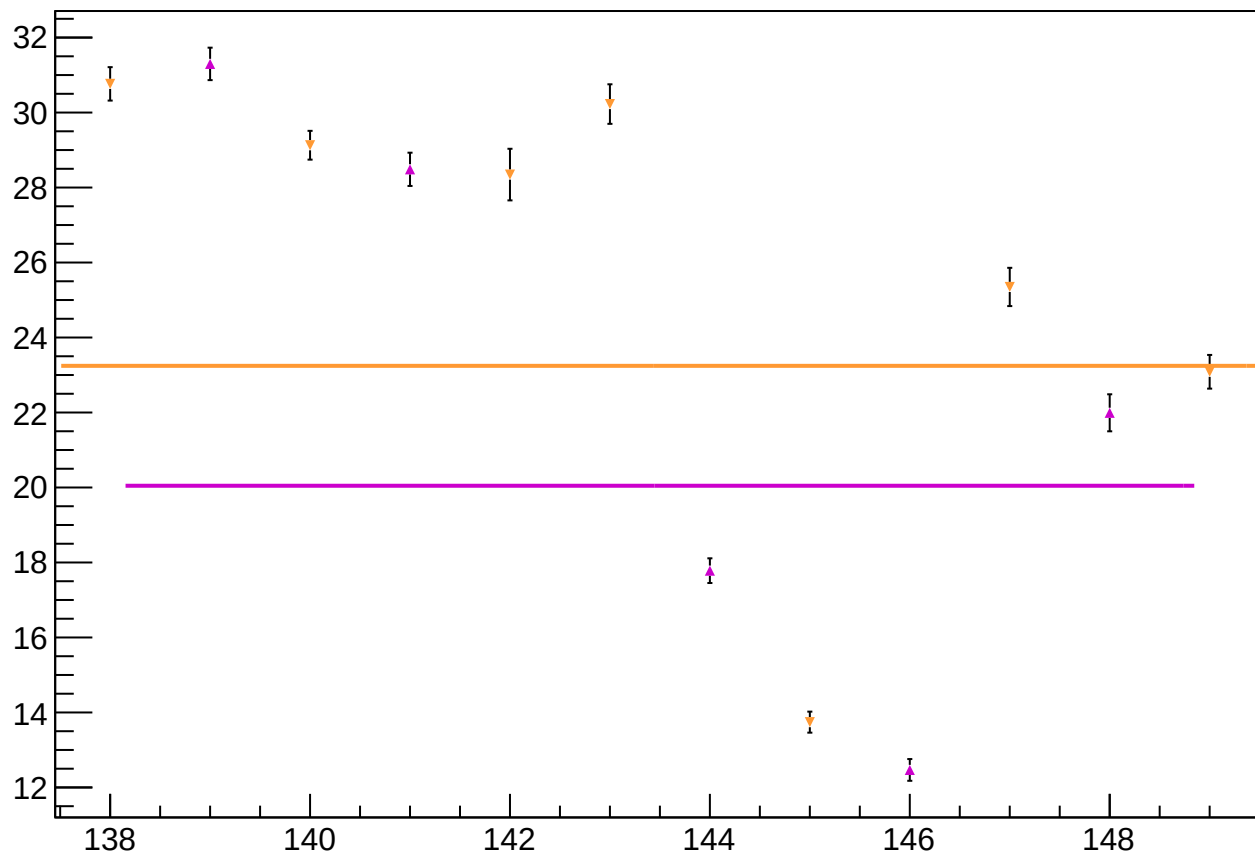
Left In: -2.260+/-0.115 χ^2/NDF : 1148.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.186+/-0.080 χ^2/NDF : 1354.0/11

- 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: 23.245+/-0.160 χ^2/NDF :1915.6/6

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

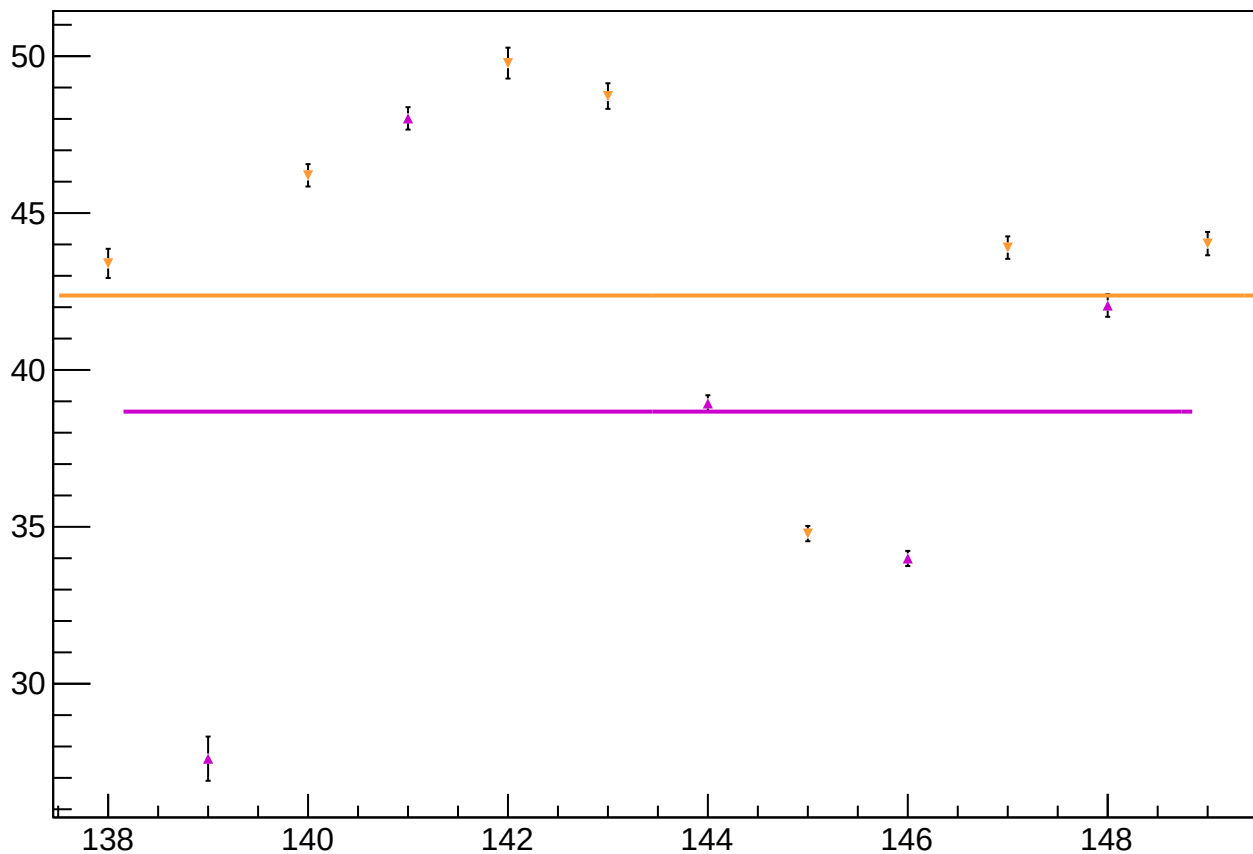
Left In: 20.047+/-0.168 χ^2/NDF :1783.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.719+/-0.116 χ^2/NDF : 3889.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

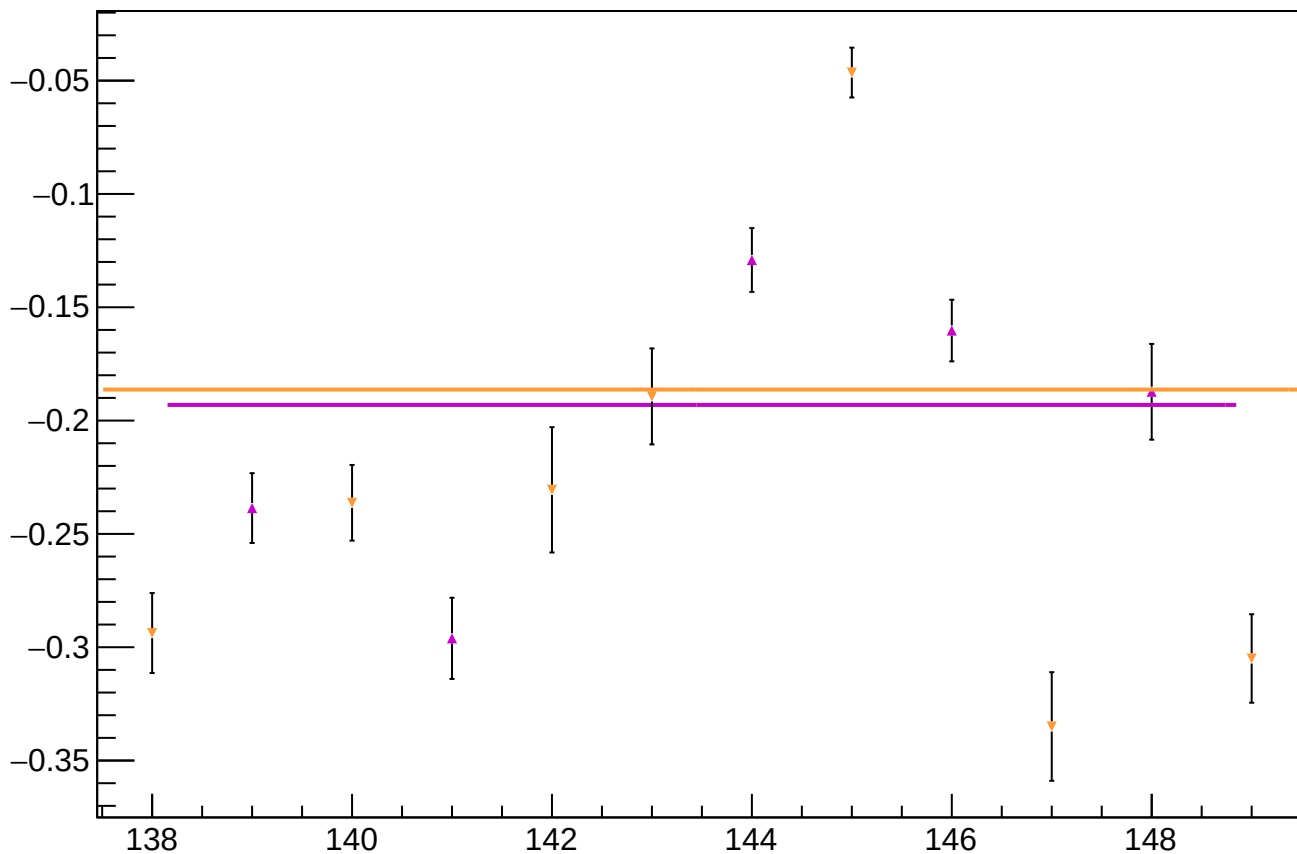
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.372+/-0.136 χ^2/NDF :1594.6/6
 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: 40.609+/-0.098 χ^2/NDF : 3347.4/11
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

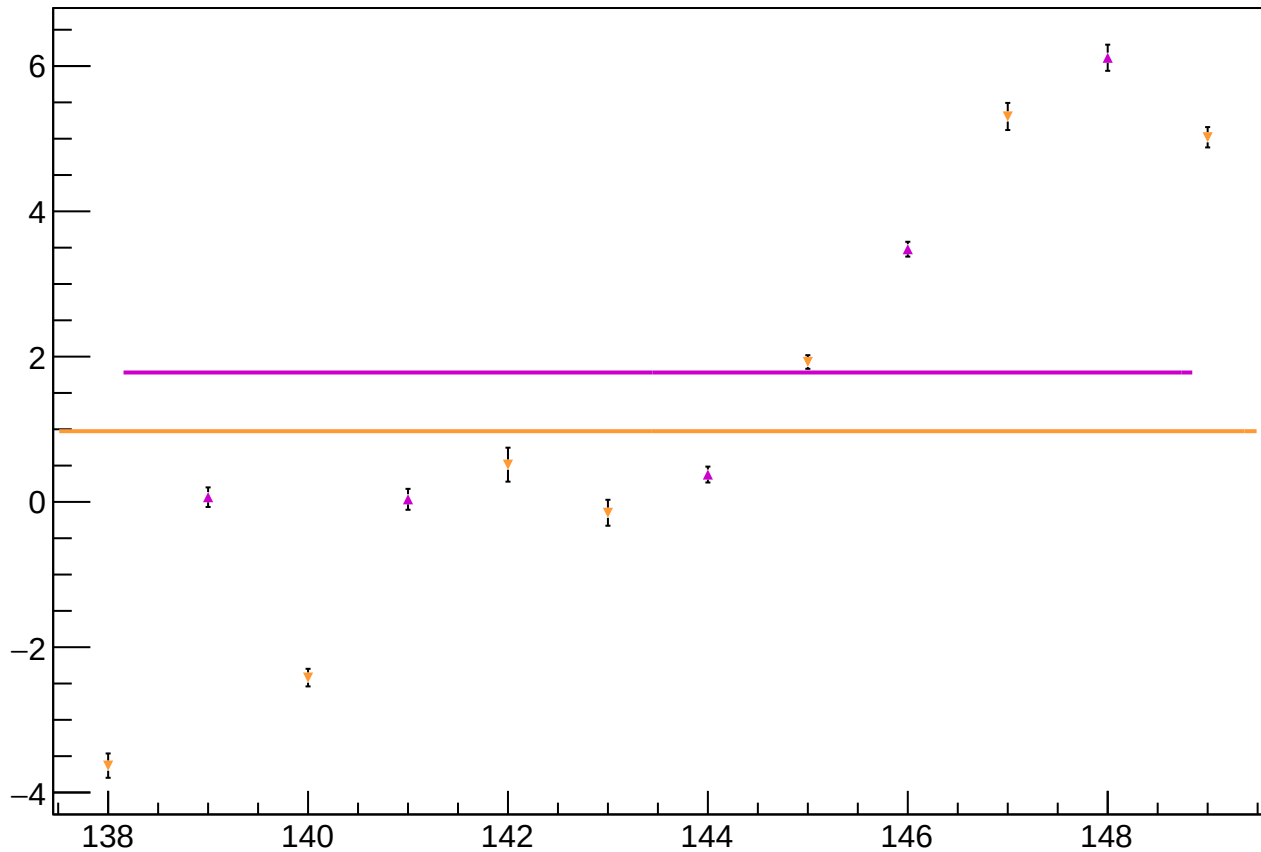
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.186+/-0.007 χ^2/NDF : 286.2/6
 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: -0.189+/-0.005 χ^2/NDF : 354.9/11
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

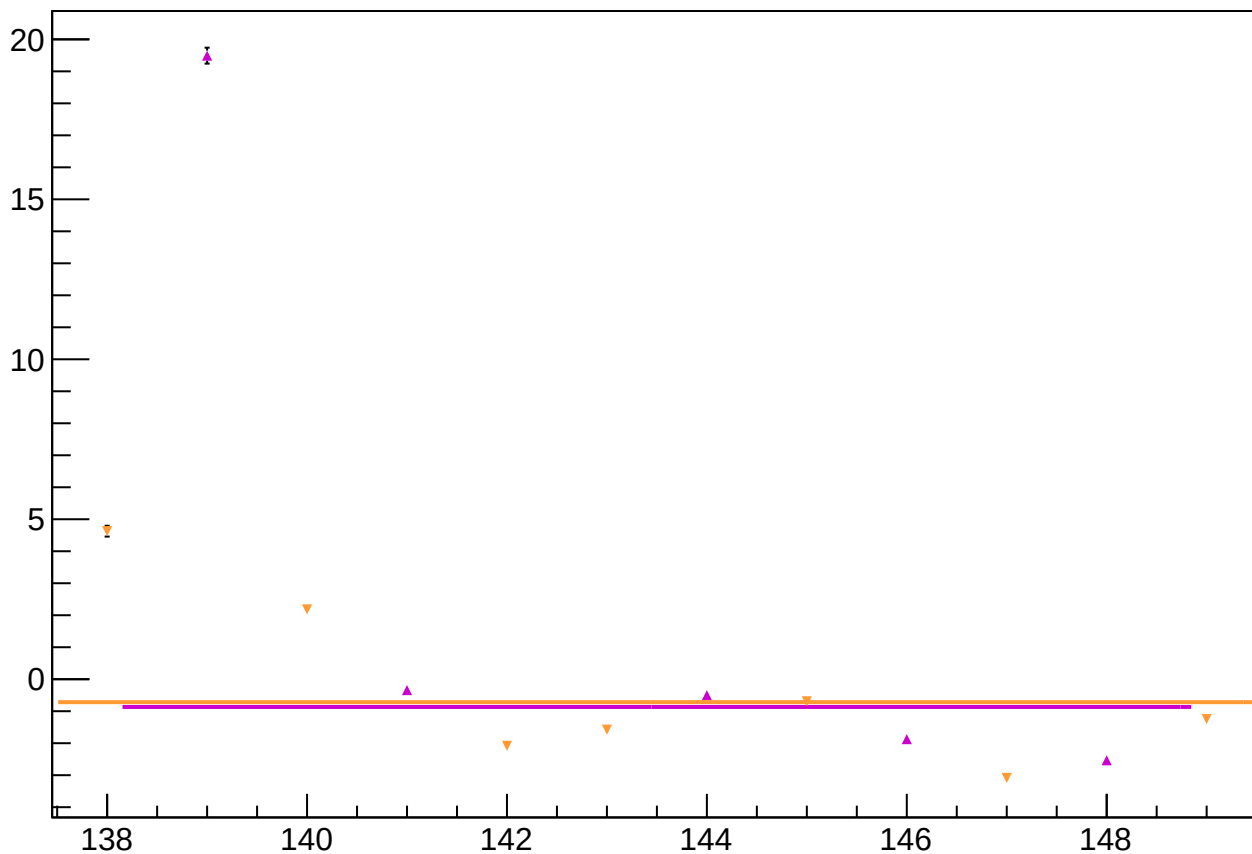
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.974 $\pm$ 0.054 χ^2 /NDF:3060.5/6
 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: 1.357 $\pm$ 0.039 χ^2 /NDF: 4496.4/11
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

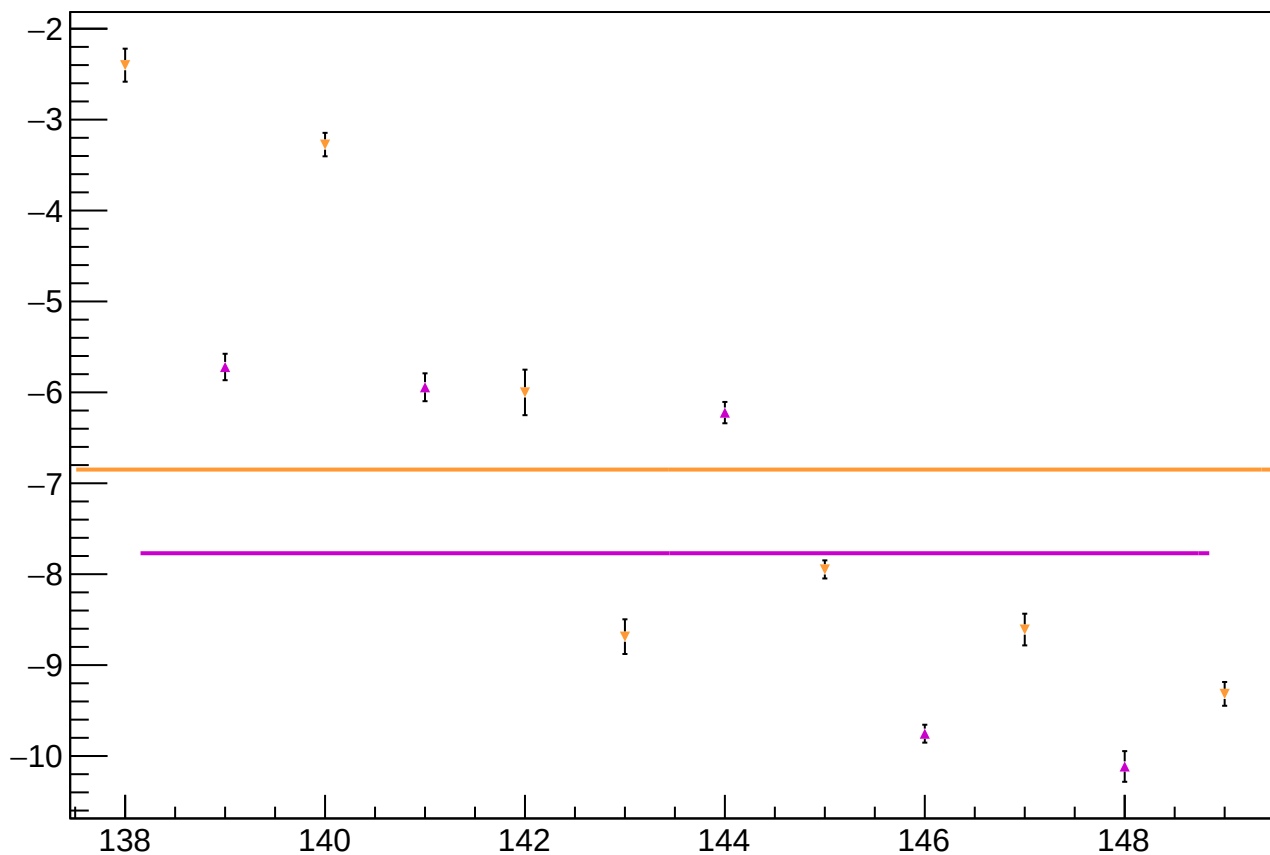
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.717+/-0.039 χ^2/NDF : 2706.3/6
 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: -0.789+/-0.028 χ^2/NDF : 10013.7/11
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

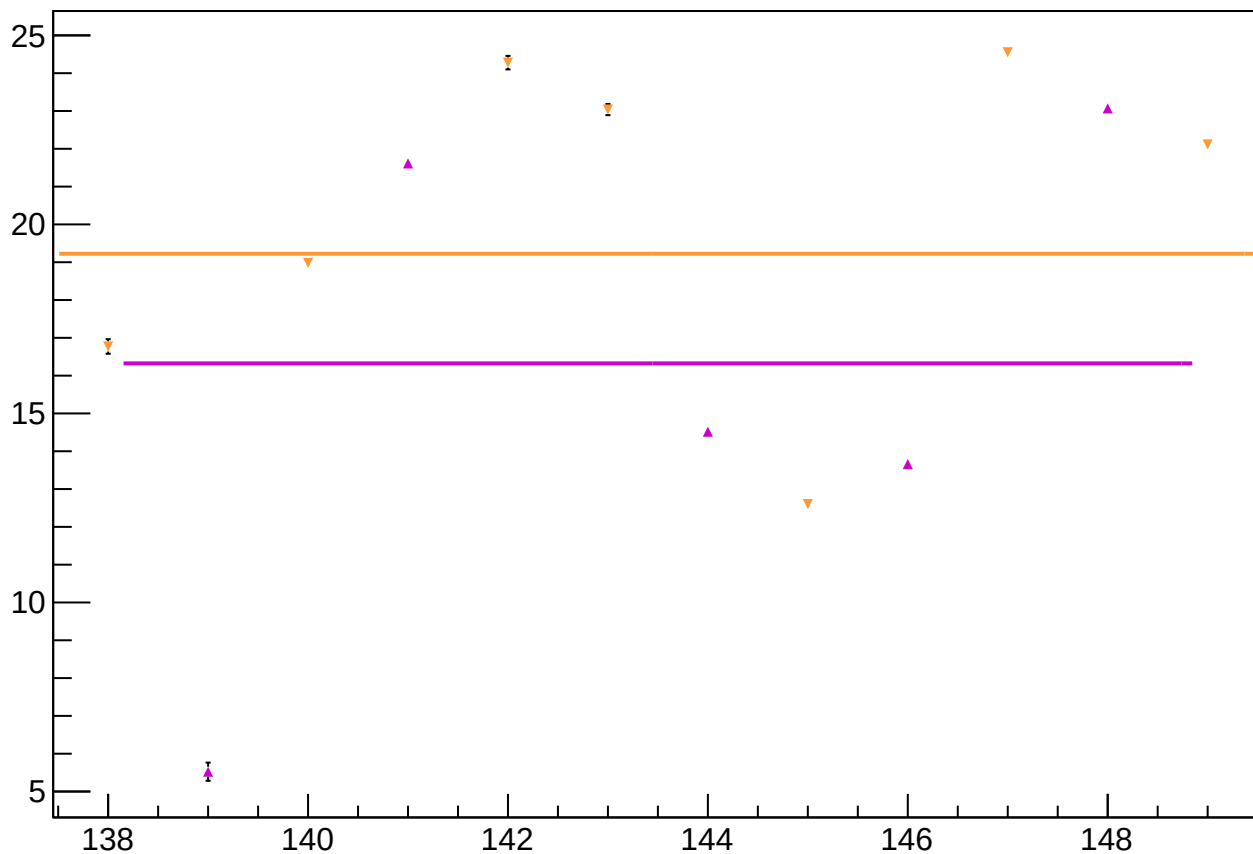
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.849+/-0.055 χ^2/NDF : 2050.4/6
 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: -7.291+/-0.040 χ^2/NDF : 3296.6/11
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

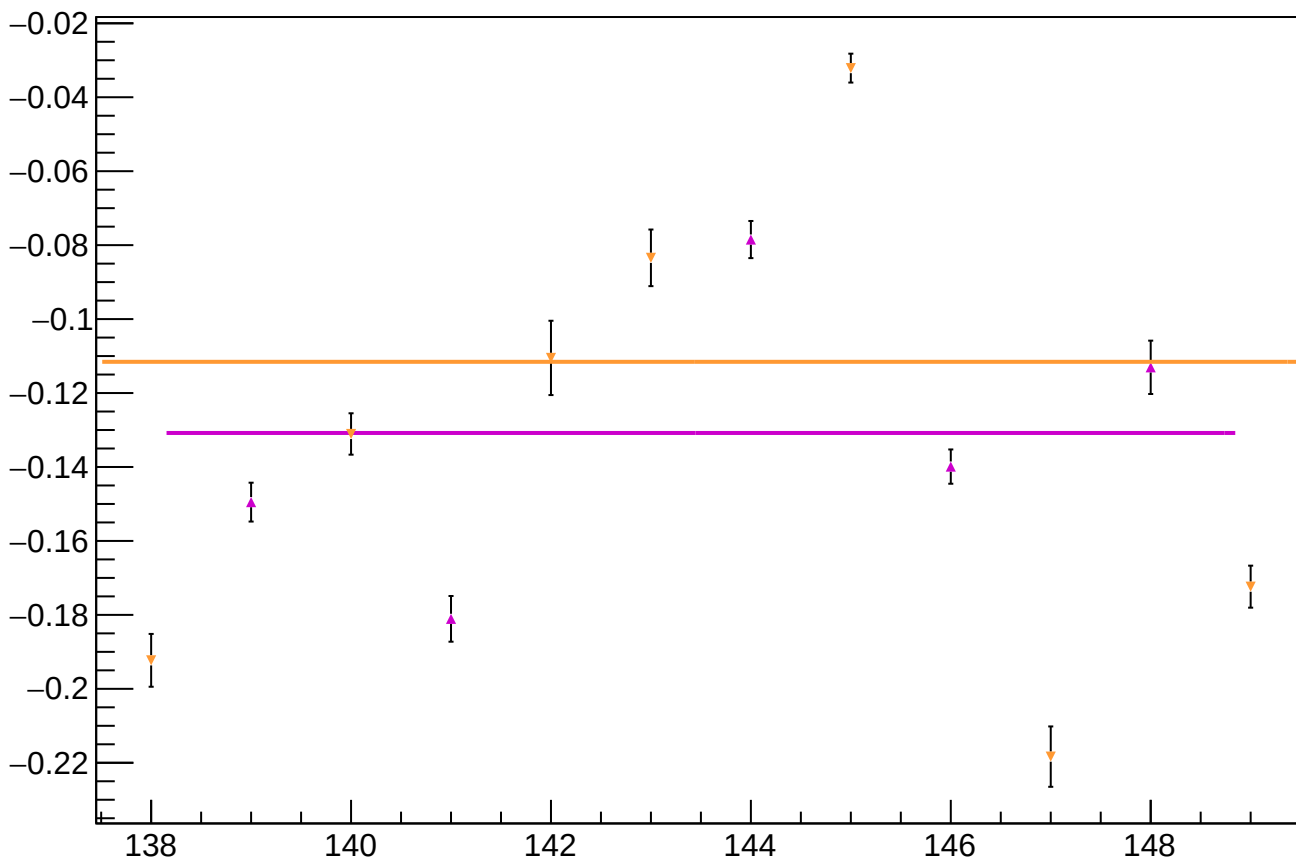
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 19.224 $\pm$ 0.047 χ^2 /NDF:9853.2/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 16.324 $\pm$ 0.049 χ^2 /NDF:8261.1/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 17.841 $\pm$ 0.034 χ^2 /NDF: 19925.9/11
 - sign 0.000 $\pm$ 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: -0.112 $\pm$ 0.002 χ^2 /NDF: 852.3/6

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

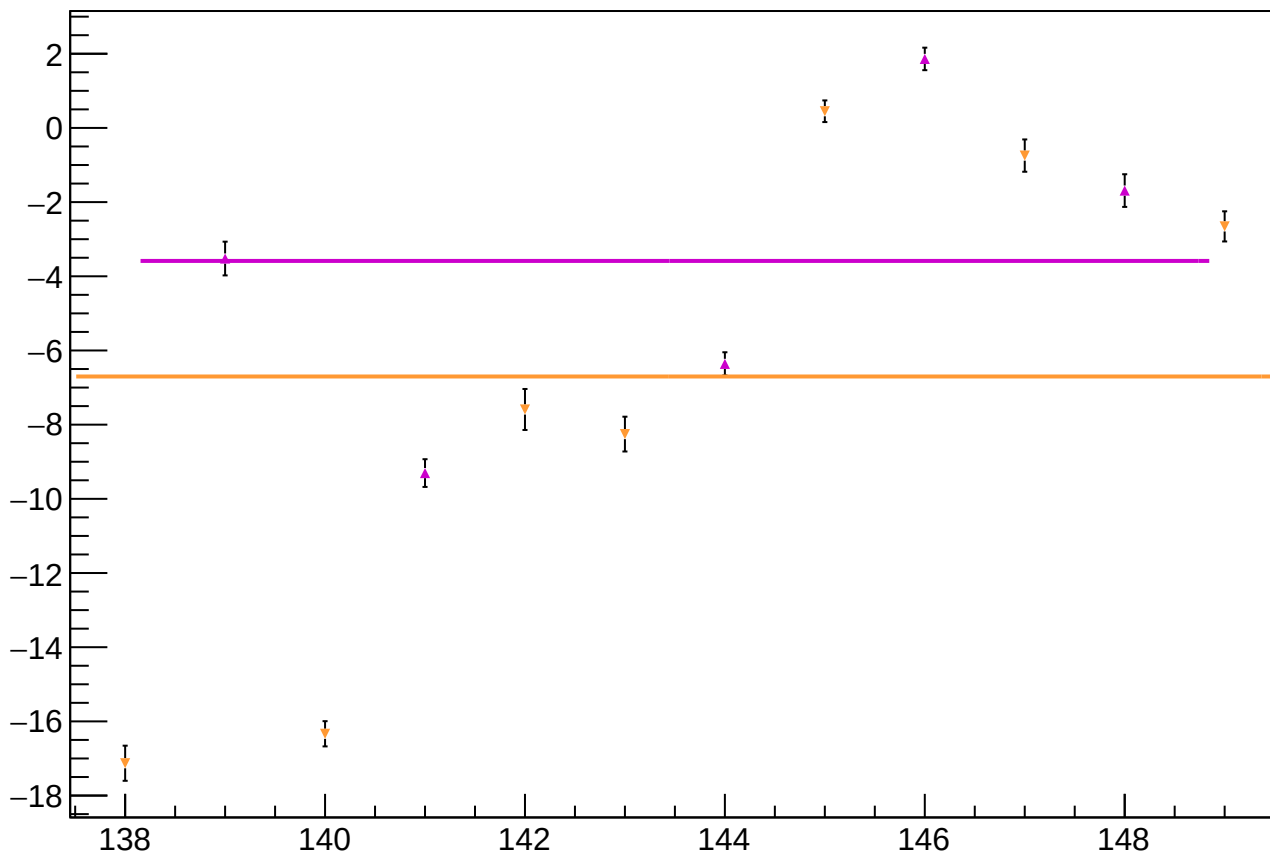
Left In: -0.131 $\pm$ 0.002 χ^2 /NDF: 197.3/4

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

All: -0.121 $\pm$ 0.002 χ^2 /NDF: 1082.6/11

- 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: -6.701+/-0.151 χ^2/NDF : 2187.0/6

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

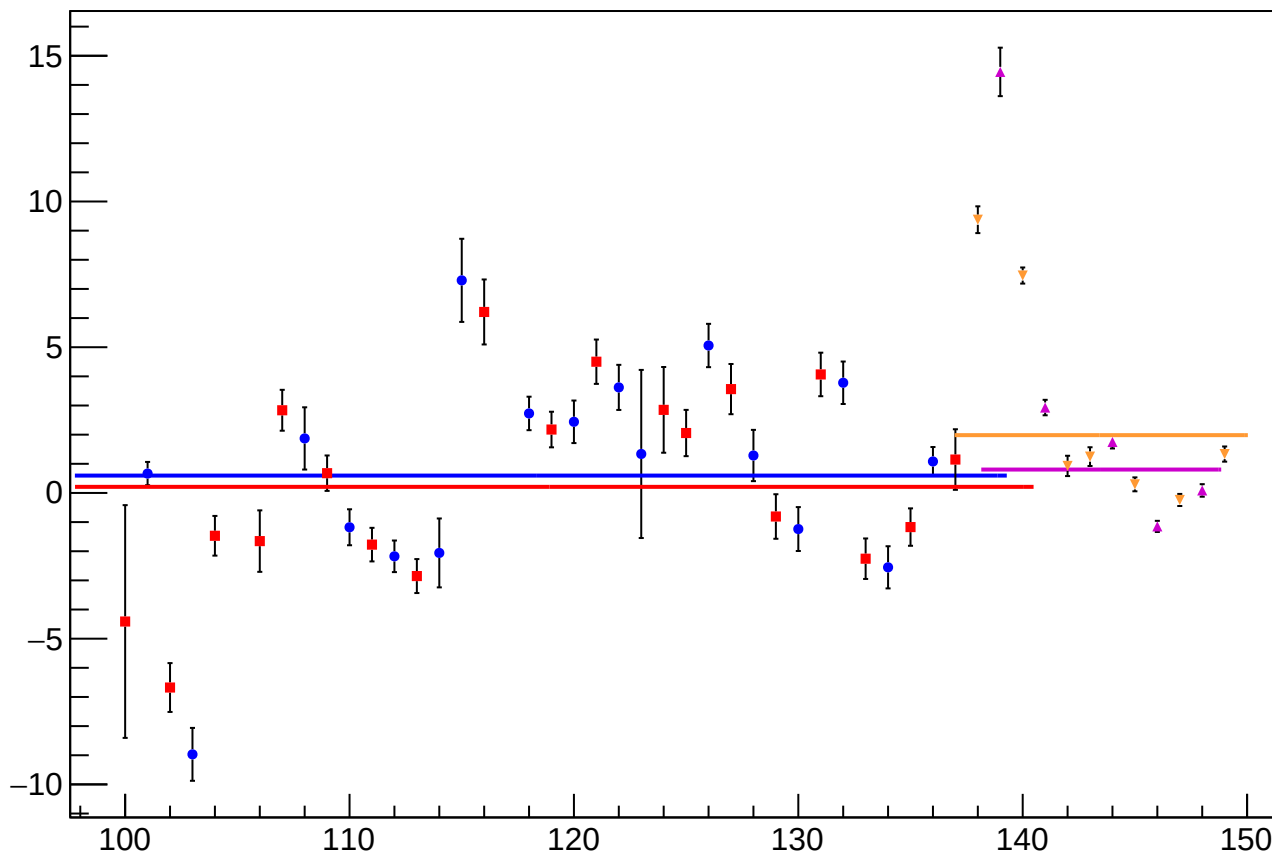
Left In: -3.586+/-0.162 χ^2/NDF : 653.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.253+/-0.110 χ^2/NDF : 3039.0/11

- 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: 1.983 ± 0.105 χ^2/NDF : 837.6/6

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

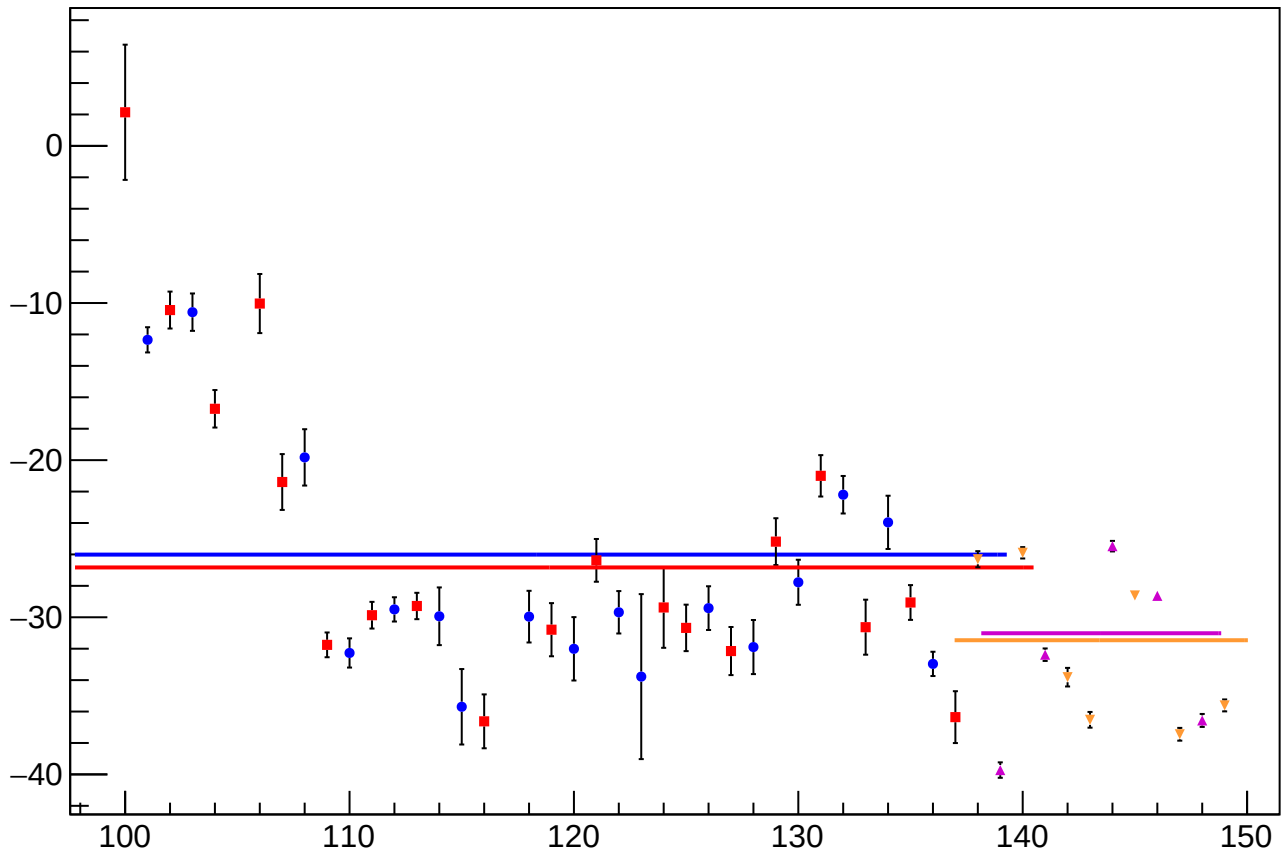
Left In: 0.803 ± 0.109 χ^2/NDF : 466.9/4

+ sign 1.599 ± 0.089 χ^2/NDF : 1177.5/23

All: 1.135 ± 0.064 χ^2/NDF : 1982.5/47

- 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: -31.461 ± 0.155 χ^2/NDF : 875.8/6

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

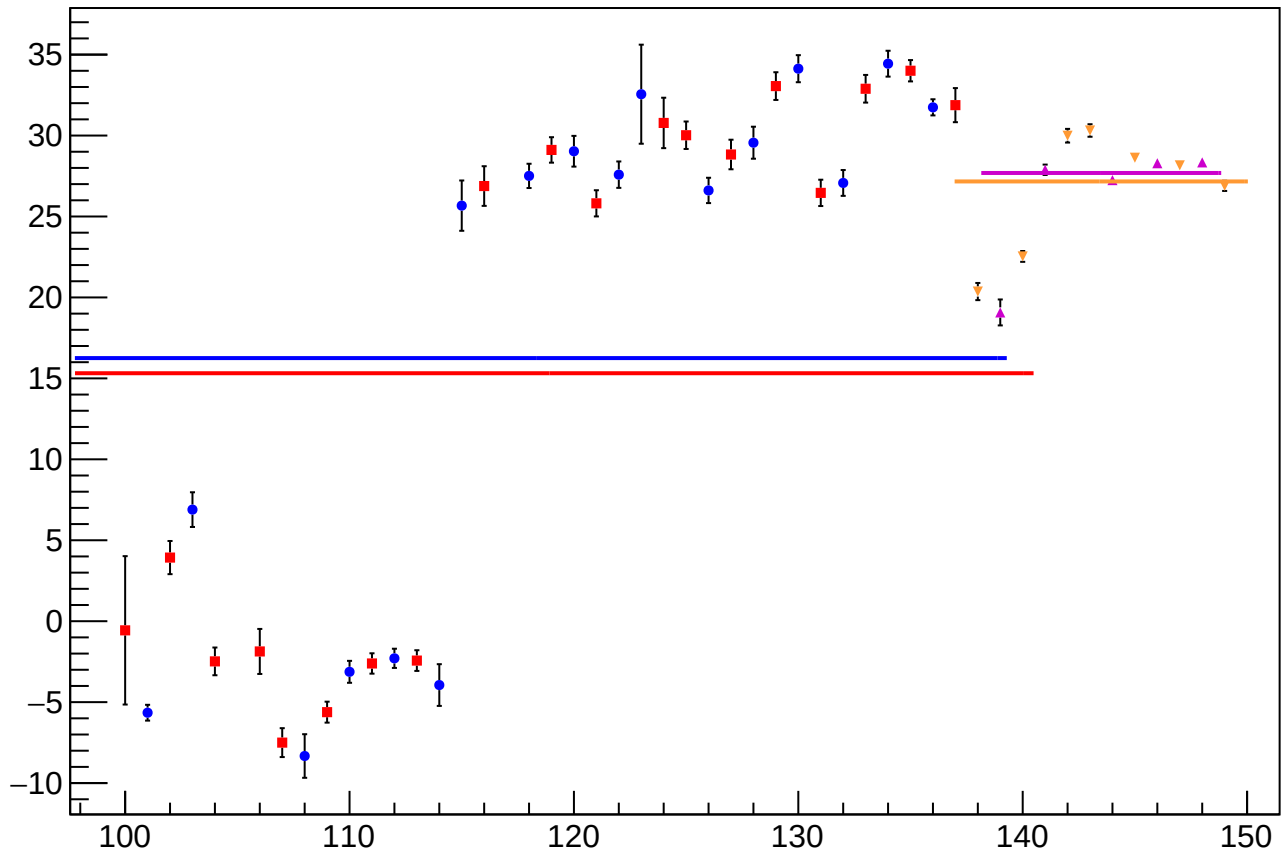
Left In: -31.017 ± 0.164 χ^2/NDF : 846.5/4

+ sign -30.312 ± 0.138 χ^2/NDF : 1829.8/23

All: -30.181 ± 0.099 χ^2/NDF : 3411.7/47

- 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: 27.165 $\pm$ 0.129 χ^2 /NDF: 509.1/6

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

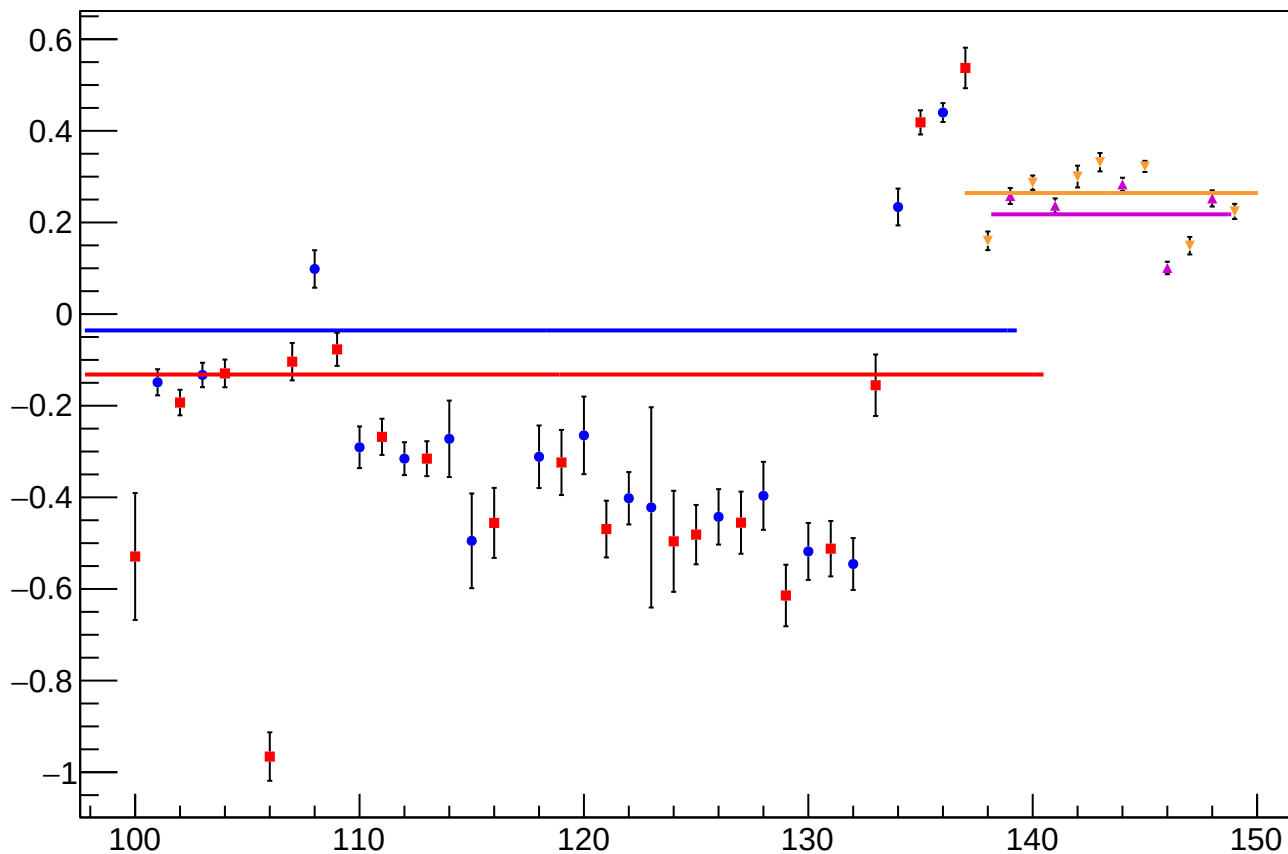
Left In: 27.689 $\pm$ 0.136 χ^2 /NDF: 129.8/4

+ sign 23.762 $\pm$ 0.107 χ^2 /NDF: 10365.7/23

All: 23.734 $\pm$ 0.077 χ^2 /NDF: 20449.1/47

- 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 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.264 ± 0.006 χ^2/NDF : 106.9/6

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

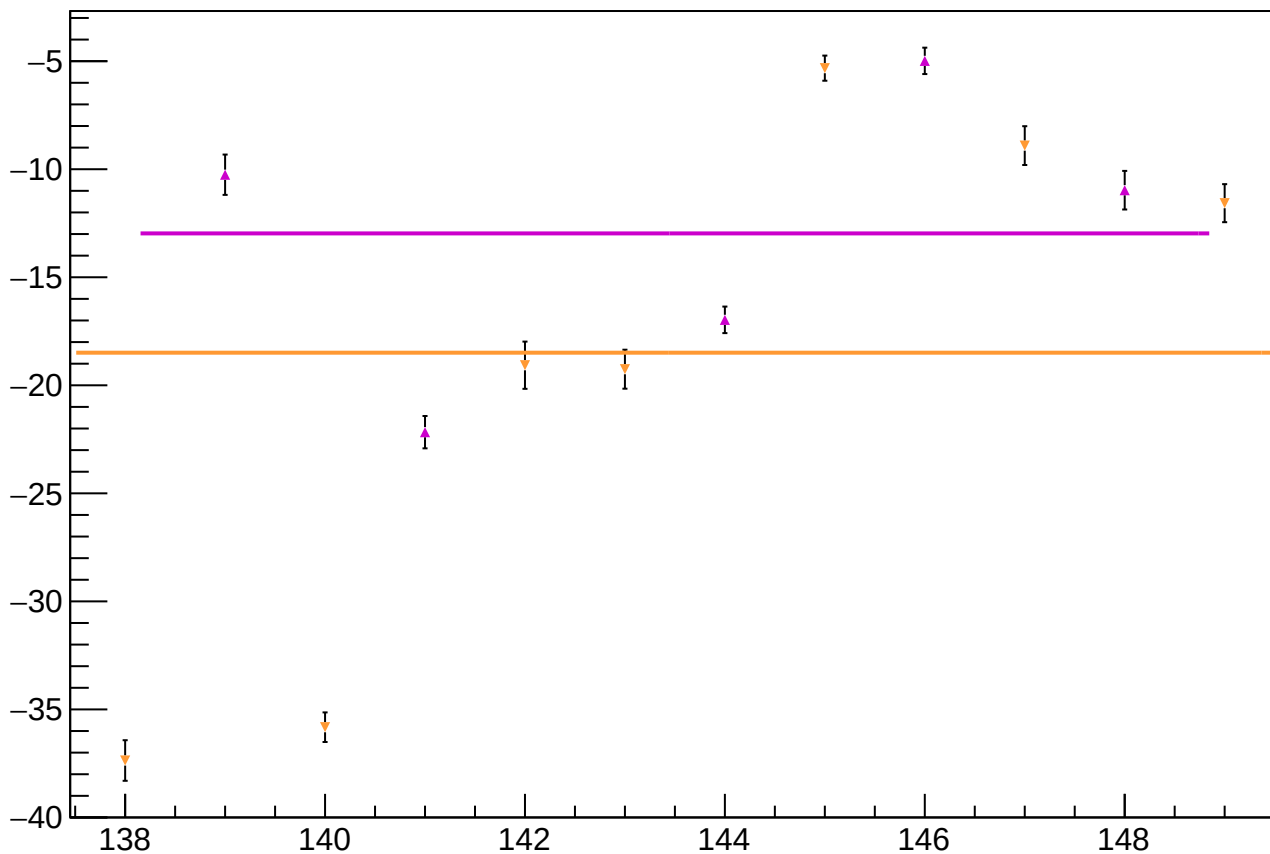
Left In: 0.218 ± 0.007 χ^2/NDF : 104.2/4

+ sign 0.180 ± 0.005 χ^2/NDF : 1728.6/23

All: 0.146 ± 0.004 χ^2/NDF : 3866.6/47

- sign 0.108 ± 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: -18.491+/-0.304 χ^2/NDF :1733.9/6

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

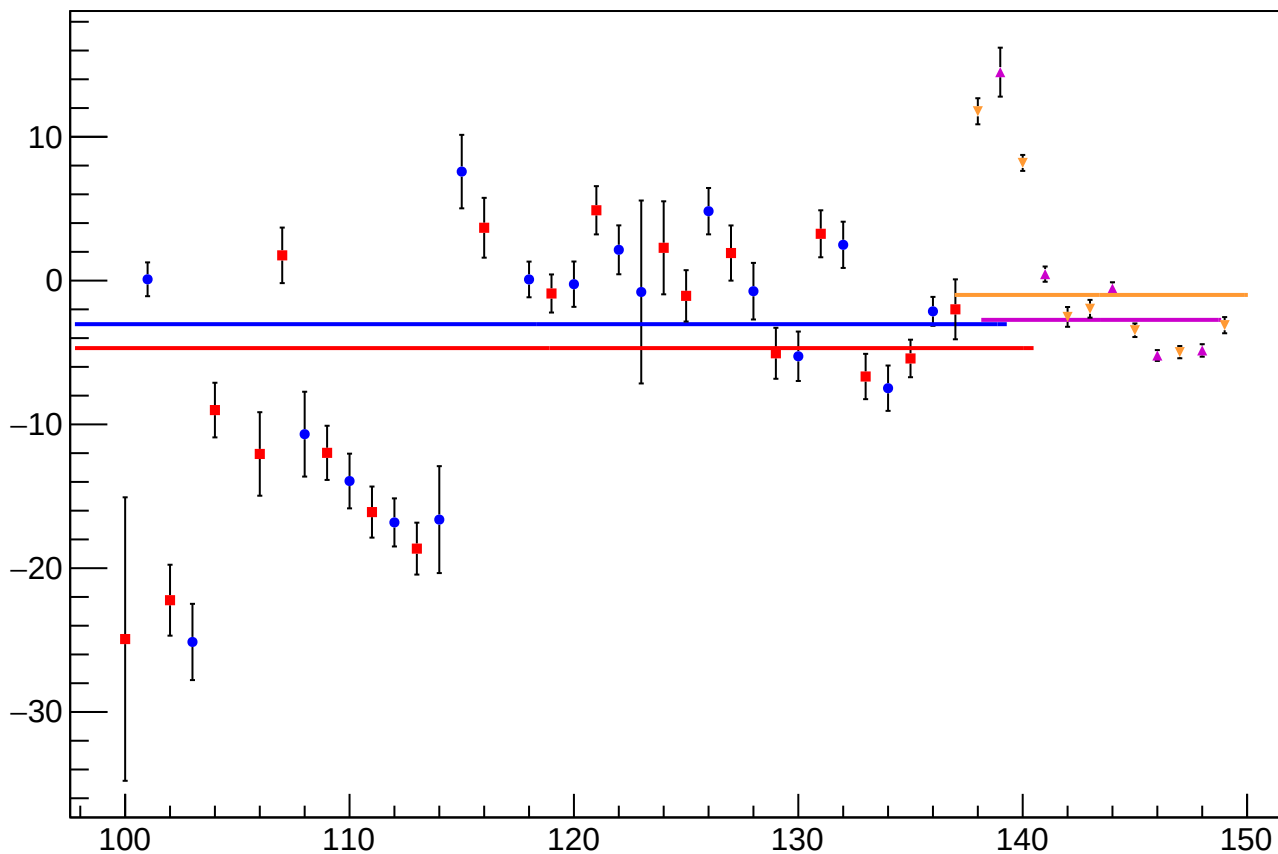
Left In: -12.970+/-0.324 χ^2/NDF :378.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.906+/-0.222 χ^2/NDF : 2266.3/11

- 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: -0.996 ± 0.212 χ^2/NDF : 607.5/6

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

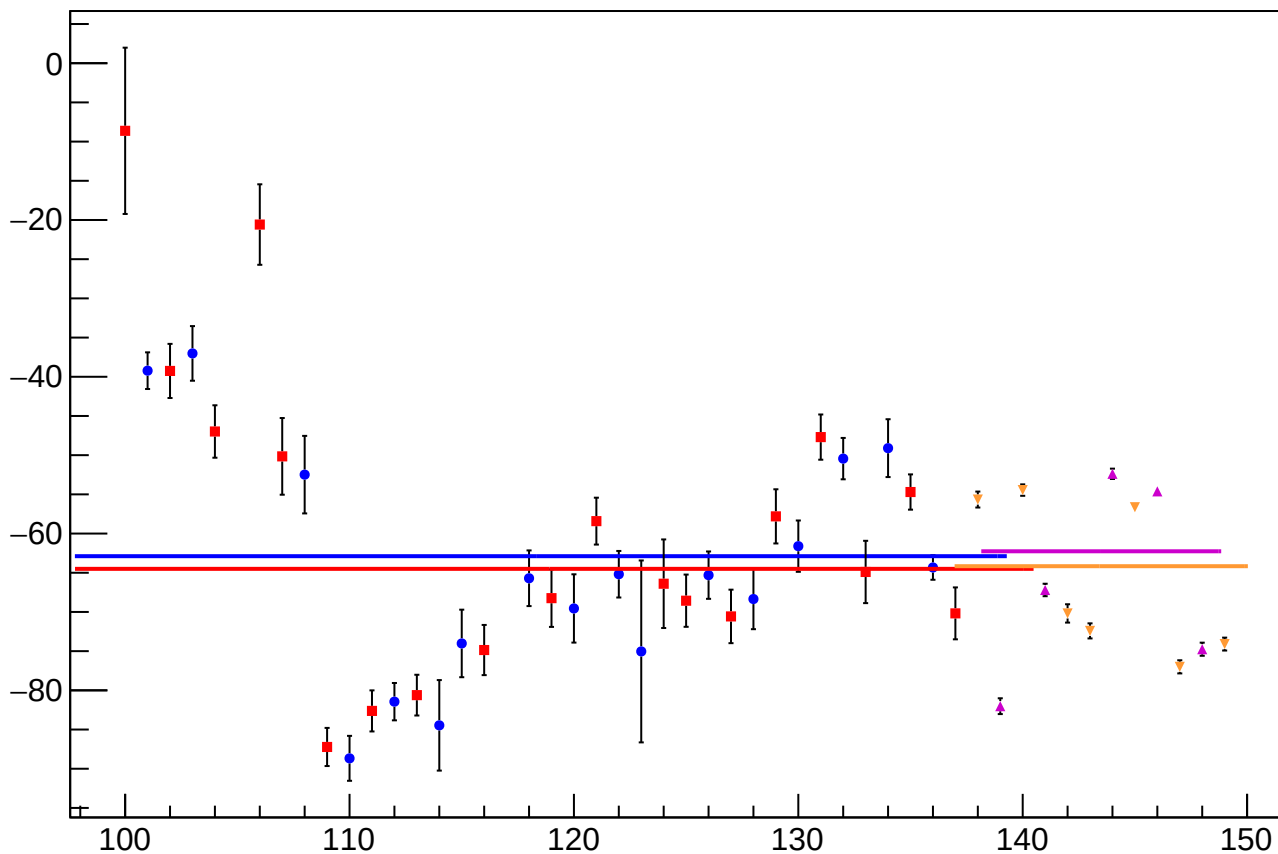
Left In: -2.730 ± 0.216 χ^2/NDF : 230.2/4

+ sign -1.428 ± 0.188 χ^2/NDF : 907.9/23

All: -2.257 ± 0.134 χ^2/NDF : 1493.2/47

- 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: -64.164 ± 0.313 χ^2/NDF : 875.9/6

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

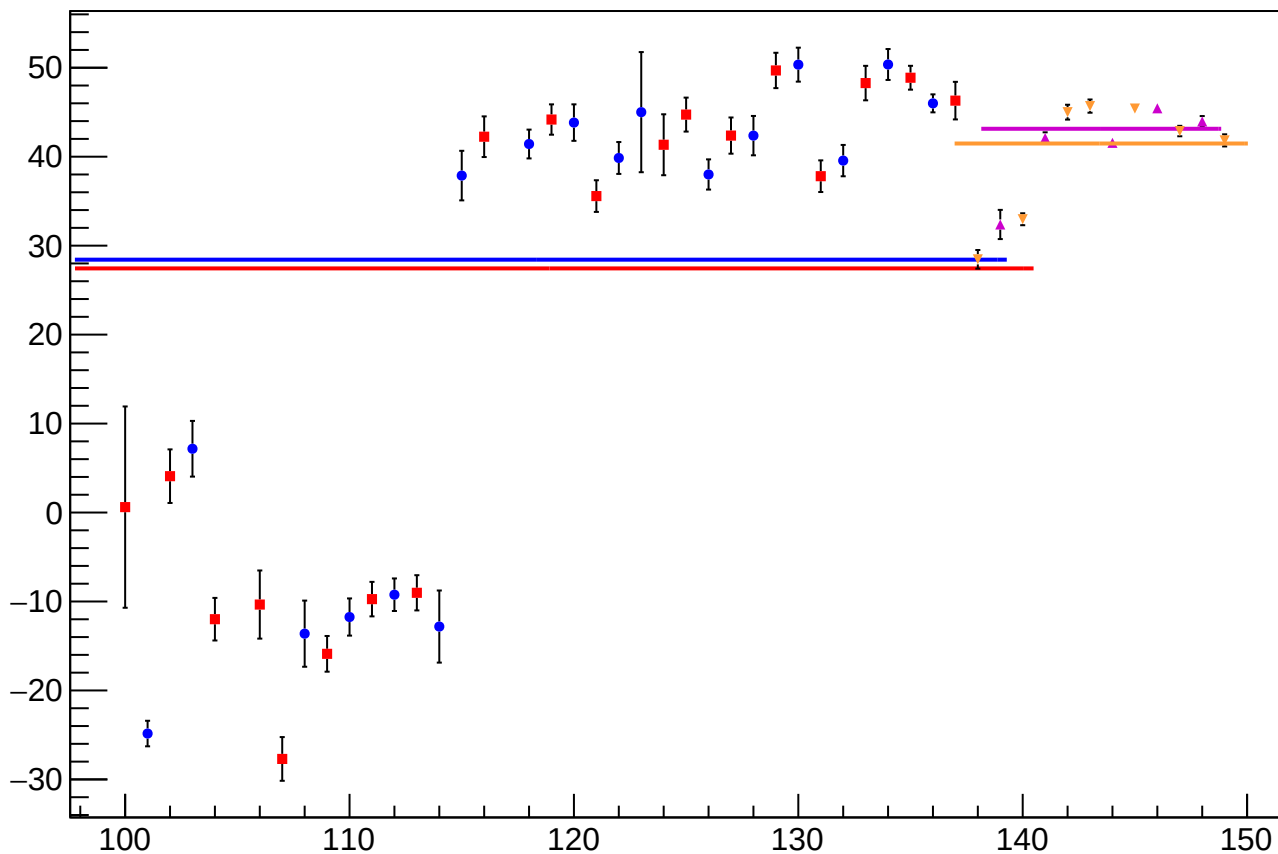
Left In: -62.262 ± 0.330 χ^2/NDF : 1040.7/4

+ sign -63.969 ± 0.288 χ^2/NDF : 1247.2/23

All: -63.326 ± 0.209 χ^2/NDF : 2749.7/47

- 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 $\pm$ 0.457 χ^2/NDF : 3330.3/16

Left Out: 41.481 $\pm$ 0.260 χ^2/NDF : 422.8/6

Right Out: 27.441 $\pm$ 0.479 χ^2/NDF : 3033.0/18

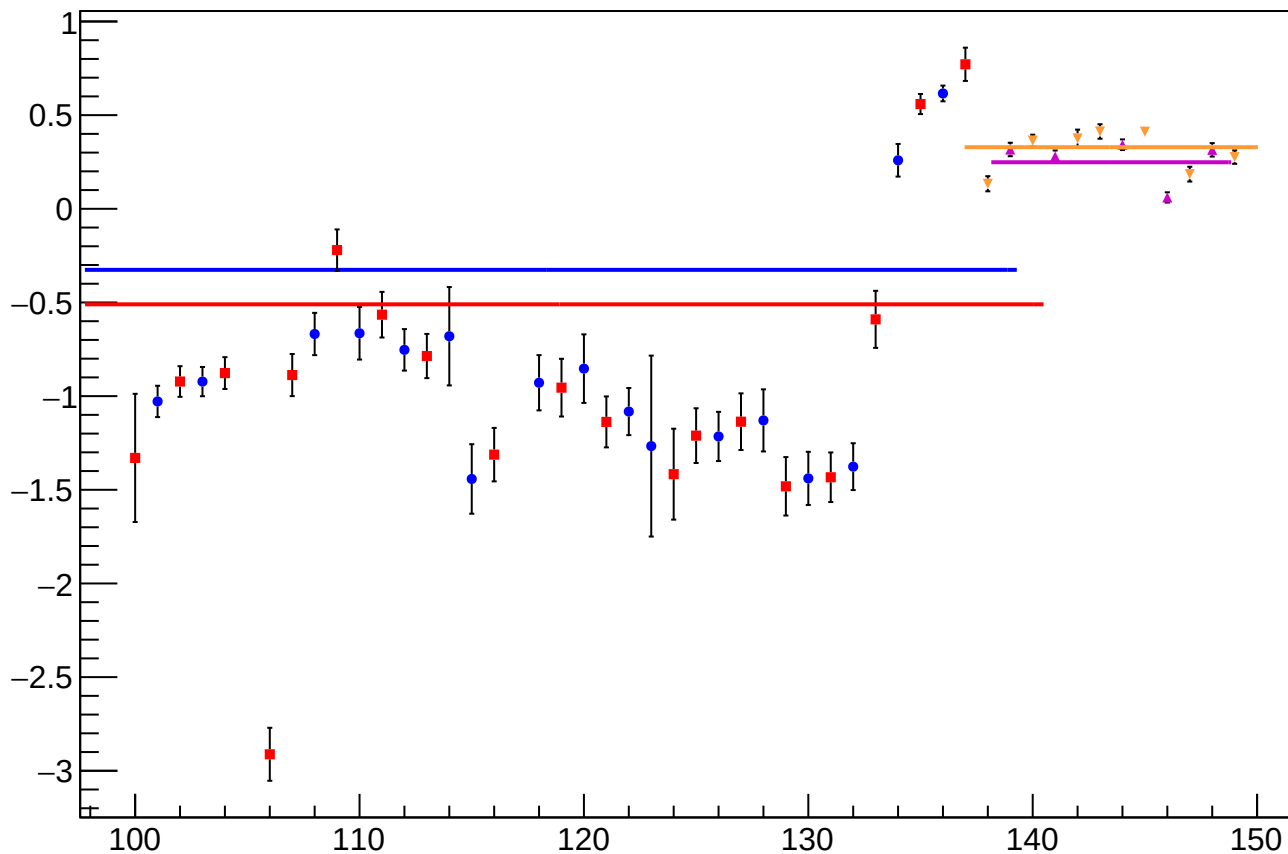
Left In: 43.138 $\pm$ 0.271 χ^2/NDF : 80.1/4

+ sign 38.291 $\pm$ 0.226 χ^2/NDF : 4369.7/23

All: 38.791 $\pm$ 0.163 χ^2/NDF : 8307.9/47

- sign 39.335 $\pm$ 0.236 χ^2/NDF : 3928.0/23

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 $\pm$ 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.329 $\pm$ 0.013 χ^2/NDF : 57.4/6

Right Out: -0.510 $\pm$ 0.026 χ^2/NDF : 1169.4/18

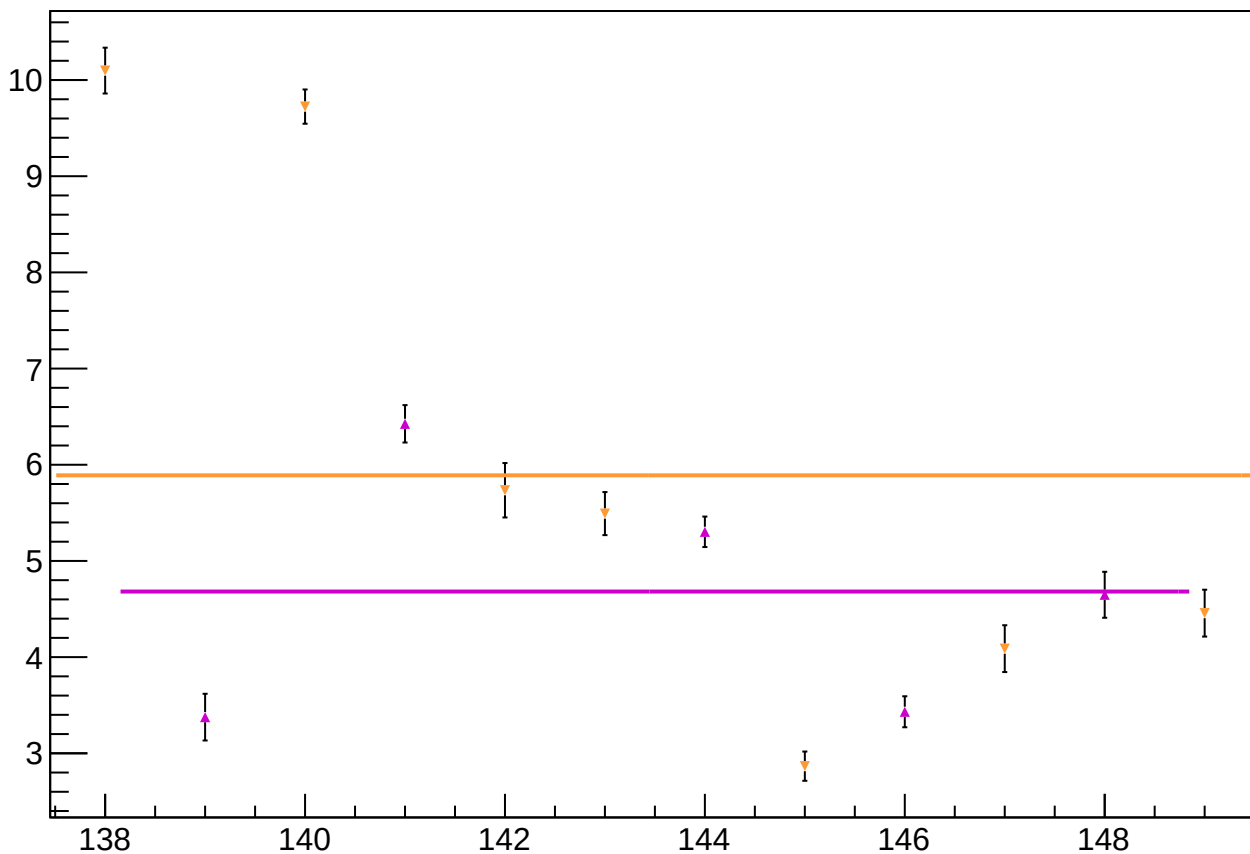
Left In: 0.249 $\pm$ 0.014 χ^2/NDF : 65.7/4

+ sign 0.187 $\pm$ 0.012 χ^2/NDF : 1612.6/23

All: 0.134 $\pm$ 0.008 χ^2/NDF : 3563.4/47

- sign 0.074 $\pm$ 0.012 χ^2/NDF : 1906.2/23

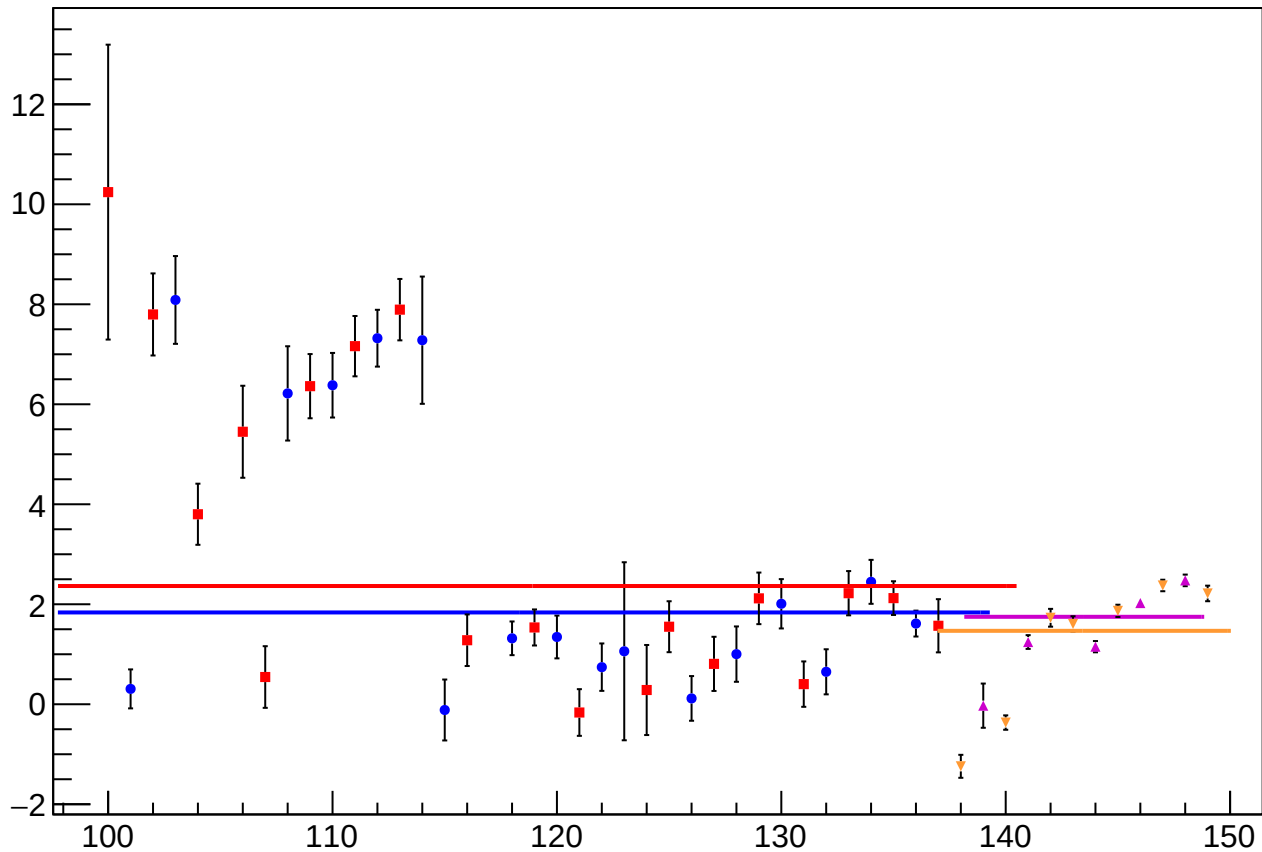
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.890 $\pm$ 0.079 χ^2 /NDF:1263.3/6
 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: 5.325 $\pm$ 0.058 χ^2 /NDF: 1556.5/11
 - 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: 1.469 ± 0.056 χ^2/NDF : 399.6/6

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

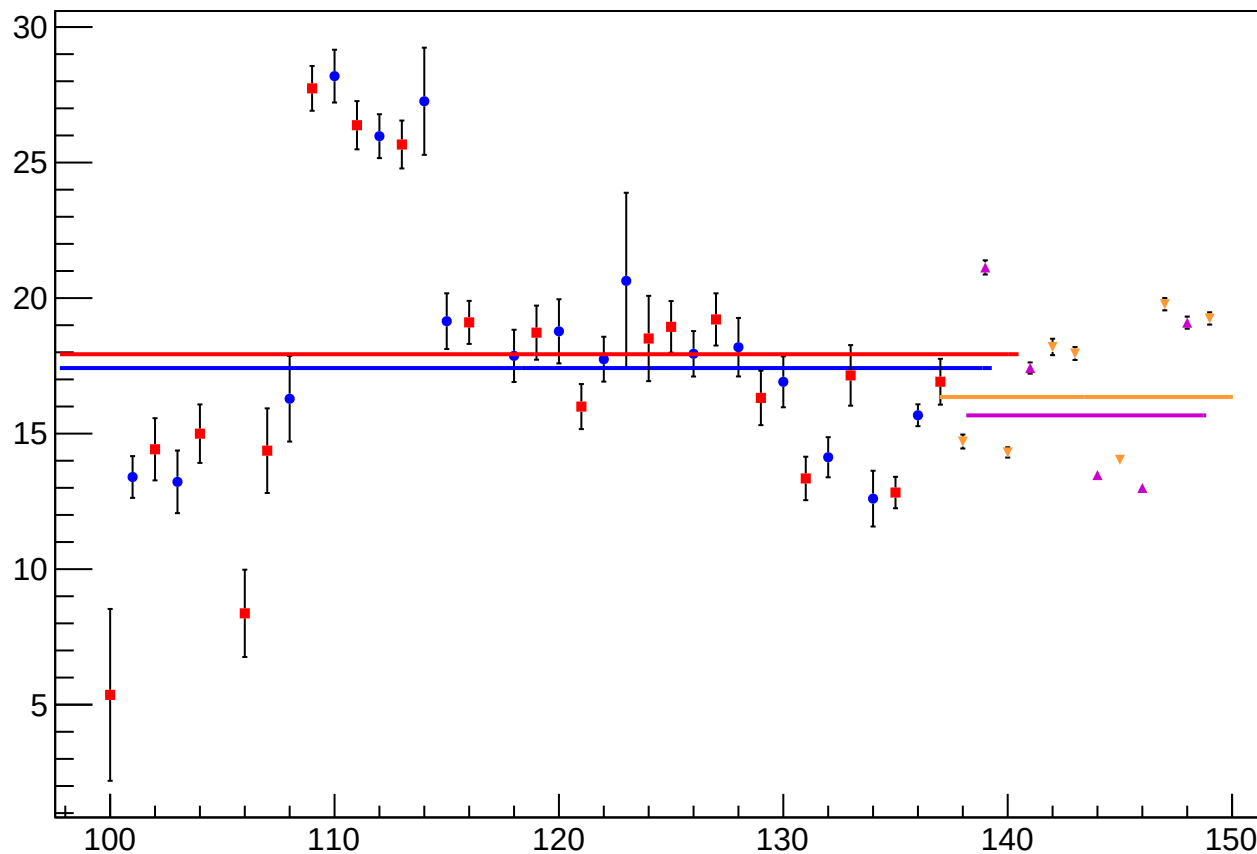
Left In: 1.749 ± 0.056 χ^2/NDF : 104.9/4

+ sign 1.537 ± 0.050 χ^2/NDF : 702.7/23

All: 1.693 ± 0.036 χ^2/NDF : 1184.6/47

- 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 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 16.352 $\pm$ 0.082 χ^2 /NDF: 833.3/6

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

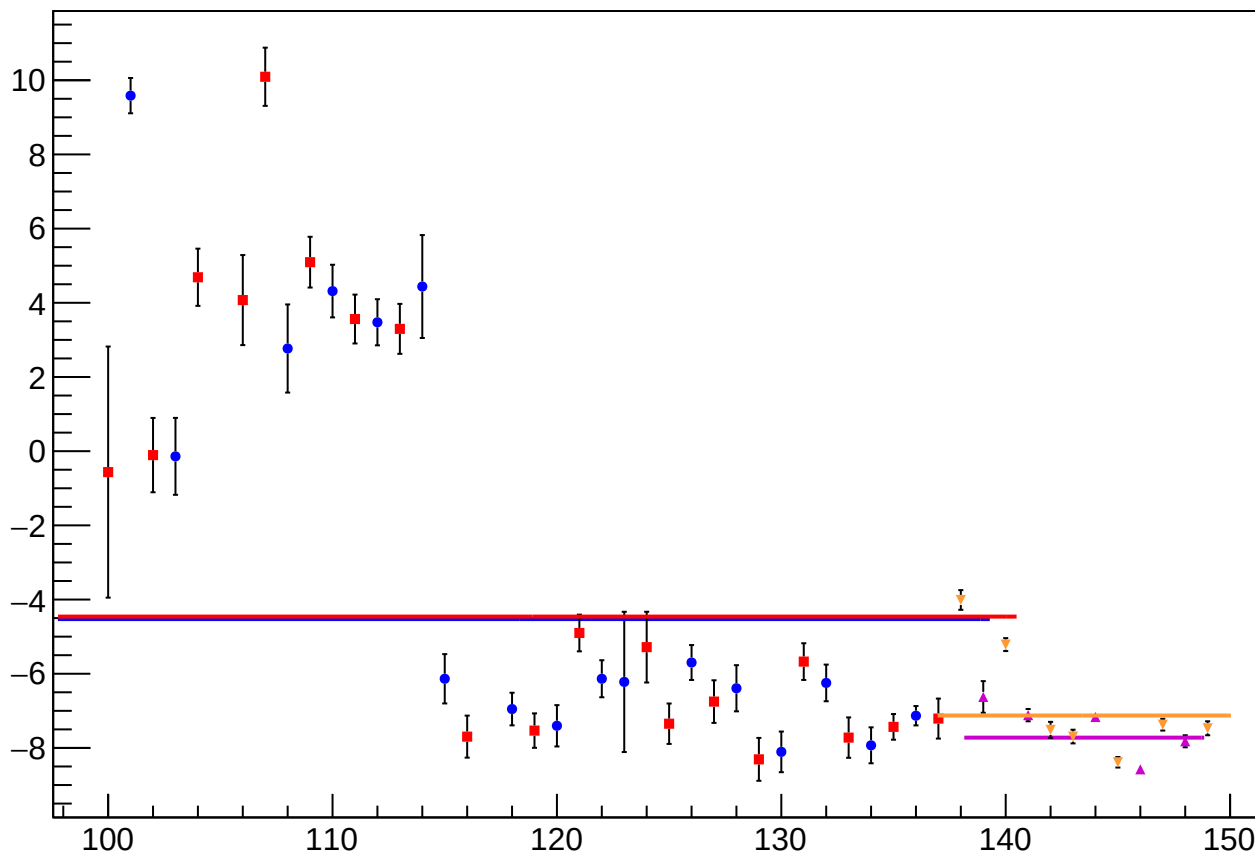
Left In: 15.673 $\pm$ 0.086 χ^2 /NDF: 1205.3/4

+ sign 16.491 $\pm$ 0.077 χ^2 /NDF: 1222.2/23

All: 16.246 $\pm$ 0.055 χ^2 /NDF: 3047.4/47

- sign 15.976 $\pm$ 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: -7.126 ± 0.068 χ^2/NDF : 354.8/6

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

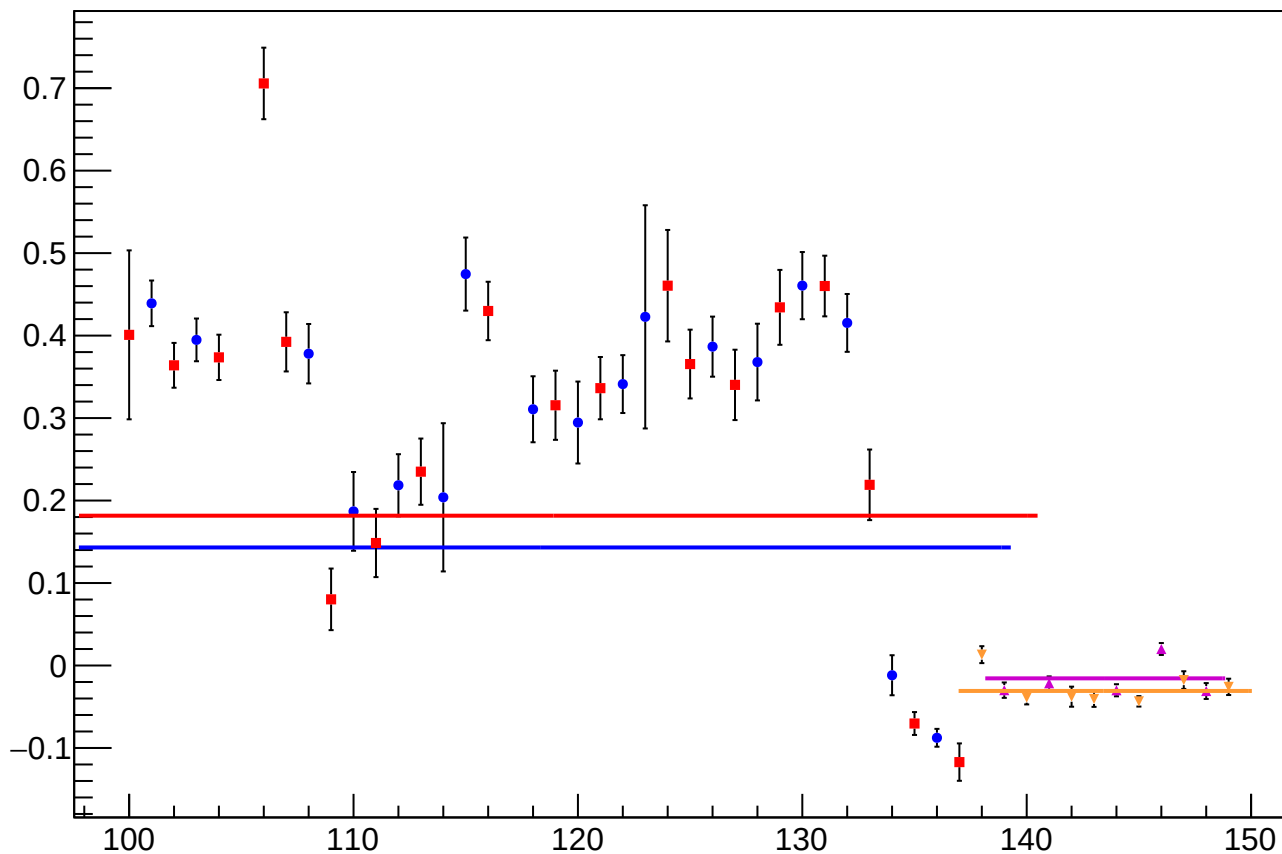
Left In: -7.723 ± 0.071 χ^2/NDF : 84.9/4

+ sign -6.562 ± 0.060 χ^2/NDF : 2260.6/23

All: -6.790 ± 0.044 χ^2/NDF : 4162.6/47

- 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 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.031 ± 0.003 $\chi^2/\text{NDF}: 26.4/6$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

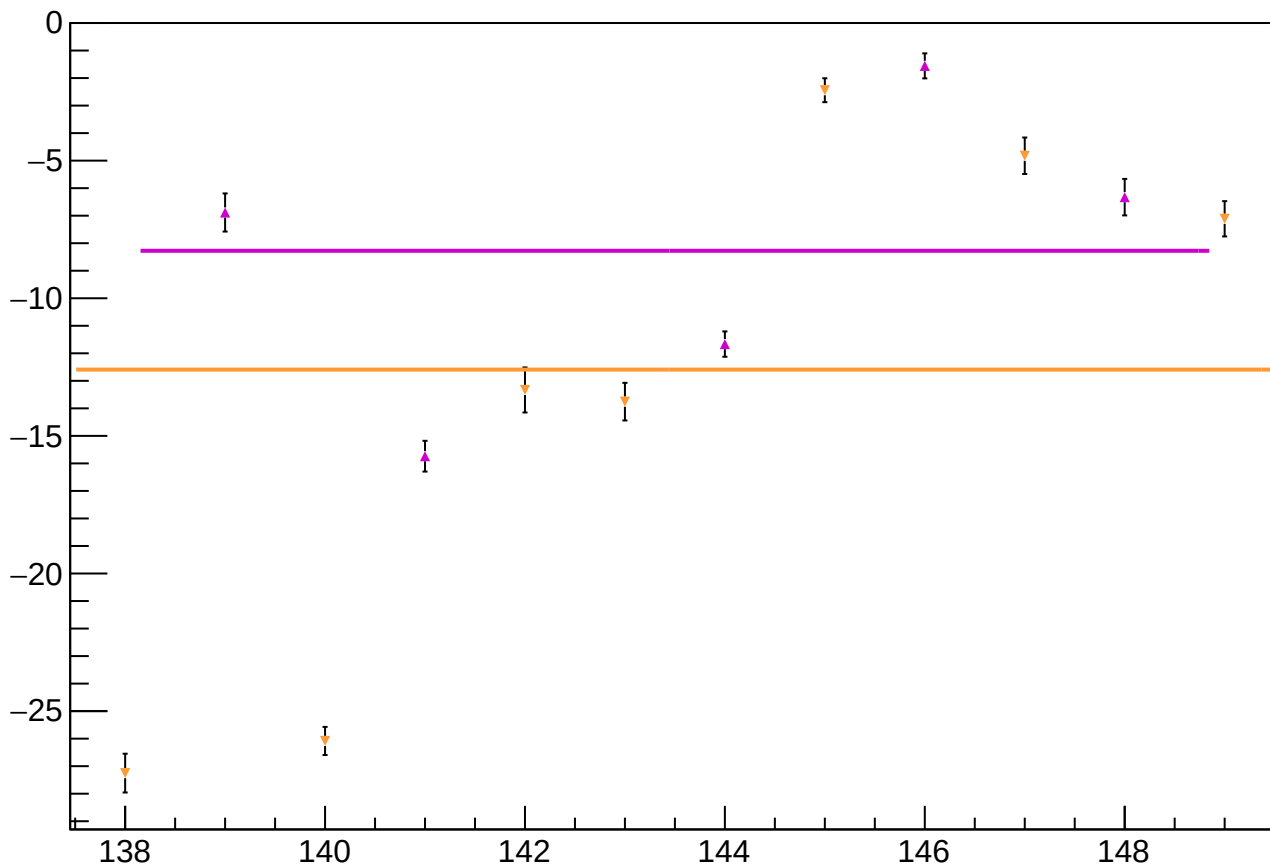
Left In: -0.016 ± 0.004 $\chi^2/\text{NDF}: 33.6/4$

+ sign 0.002 ± 0.003 $\chi^2/\text{NDF}: 1579.6/23$

All: 0.012 ± 0.002 $\chi^2/\text{NDF}: 3215.1/47$

- sign 0.023 ± 0.003 $\chi^2/\text{NDF}: 1613.5/23$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.592+/-0.226 χ^2/NDF :1892.1/6

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

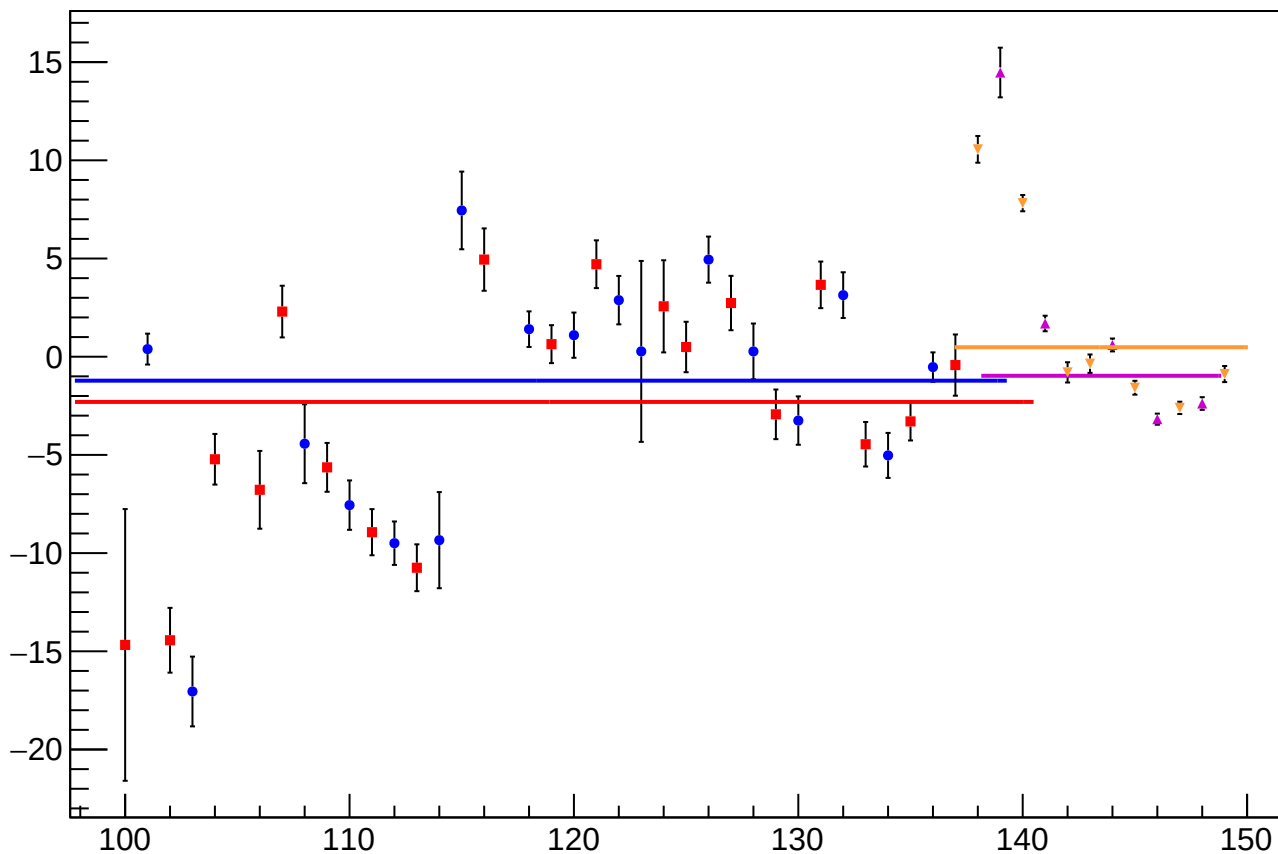
Left In: -8.276+/-0.242 χ^2/NDF :463.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.574+/-0.165 χ^2/NDF : 2525.7/11

- 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: 0.483 ± 0.157 χ^2/NDF : 683.7/6

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

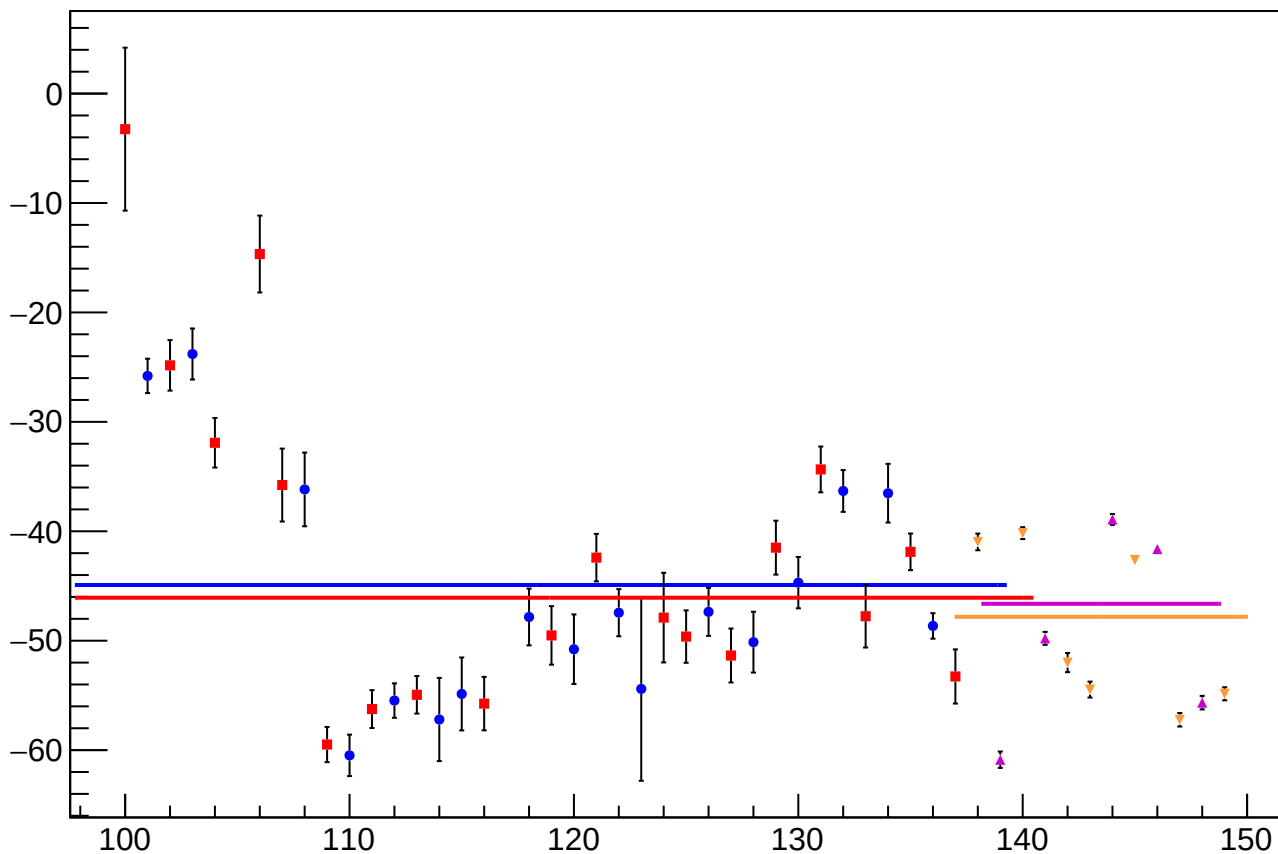
Left In: -0.971 ± 0.161 χ^2/NDF : 297.3/4

+ sign 0.096 ± 0.138 χ^2/NDF : 988.9/23

All: -0.565 ± 0.099 χ^2/NDF : 1634.5/47

- 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: -47.818 ± 0.233 χ^2/NDF : 880.7/6

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

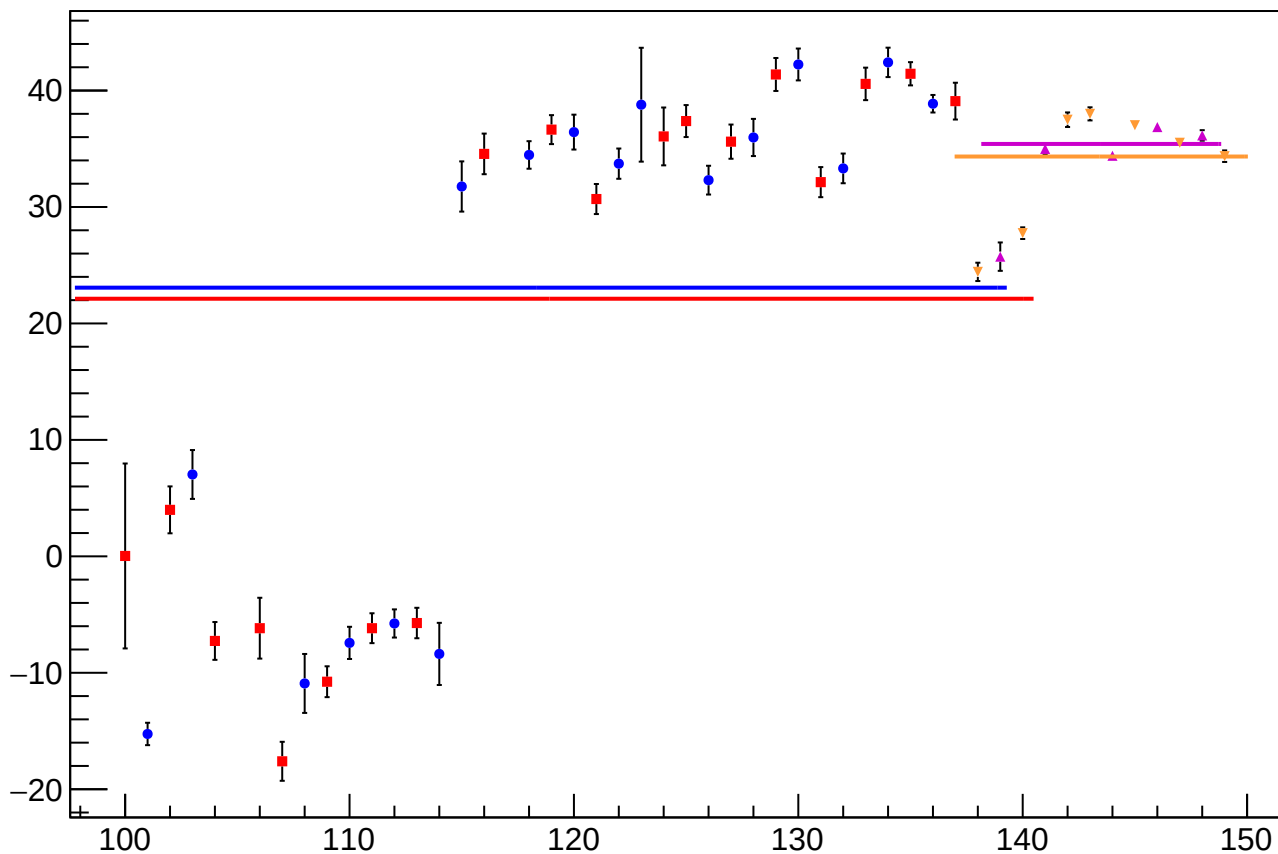
Left In: -46.627 ± 0.246 χ^2/NDF : 977.0/4

+ sign -47.335 ± 0.213 χ^2/NDF : 1327.8/23

All: -46.950 ± 0.154 χ^2/NDF : 2766.5/47

- 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: 34.334 $\pm$ 0.193 χ^2 /NDF: 449.9/6

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

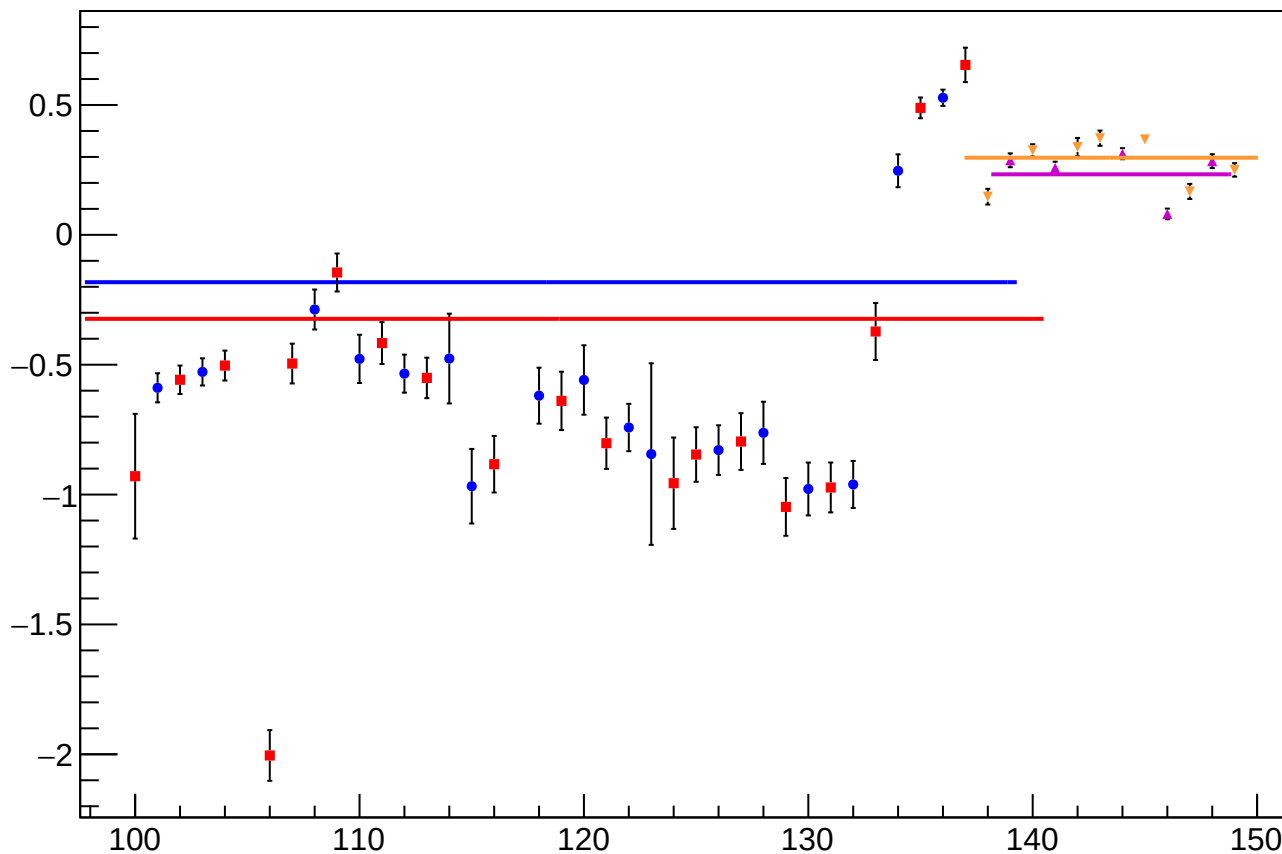
Left In: 35.414 $\pm$ 0.202 χ^2 /NDF: 89.9/4

+ sign 31.402 $\pm$ 0.166 χ^2 /NDF: 5678.4/23

All: 31.660 $\pm$ 0.120 χ^2 /NDF: 10937.6/47

- 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: 0.297 ± 0.010 χ^2/NDF : 72.2/6

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

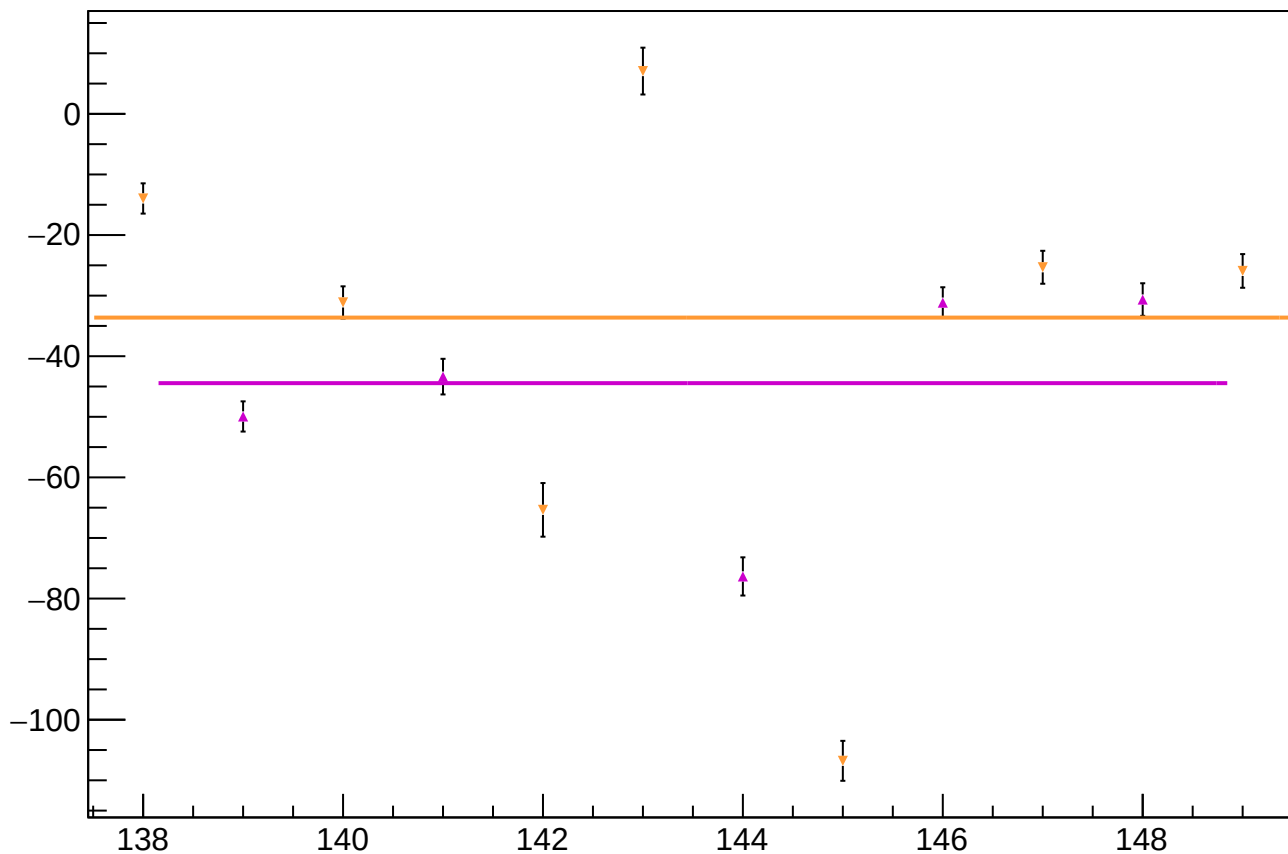
Left In: 0.233 ± 0.010 χ^2/NDF : 78.3/4

+ sign 0.186 ± 0.009 χ^2/NDF : 1632.2/23

All: 0.143 ± 0.006 χ^2/NDF : 3653.9/47

- 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: -33.625+/-1.134 χ^2/NDF : 734.7/6

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

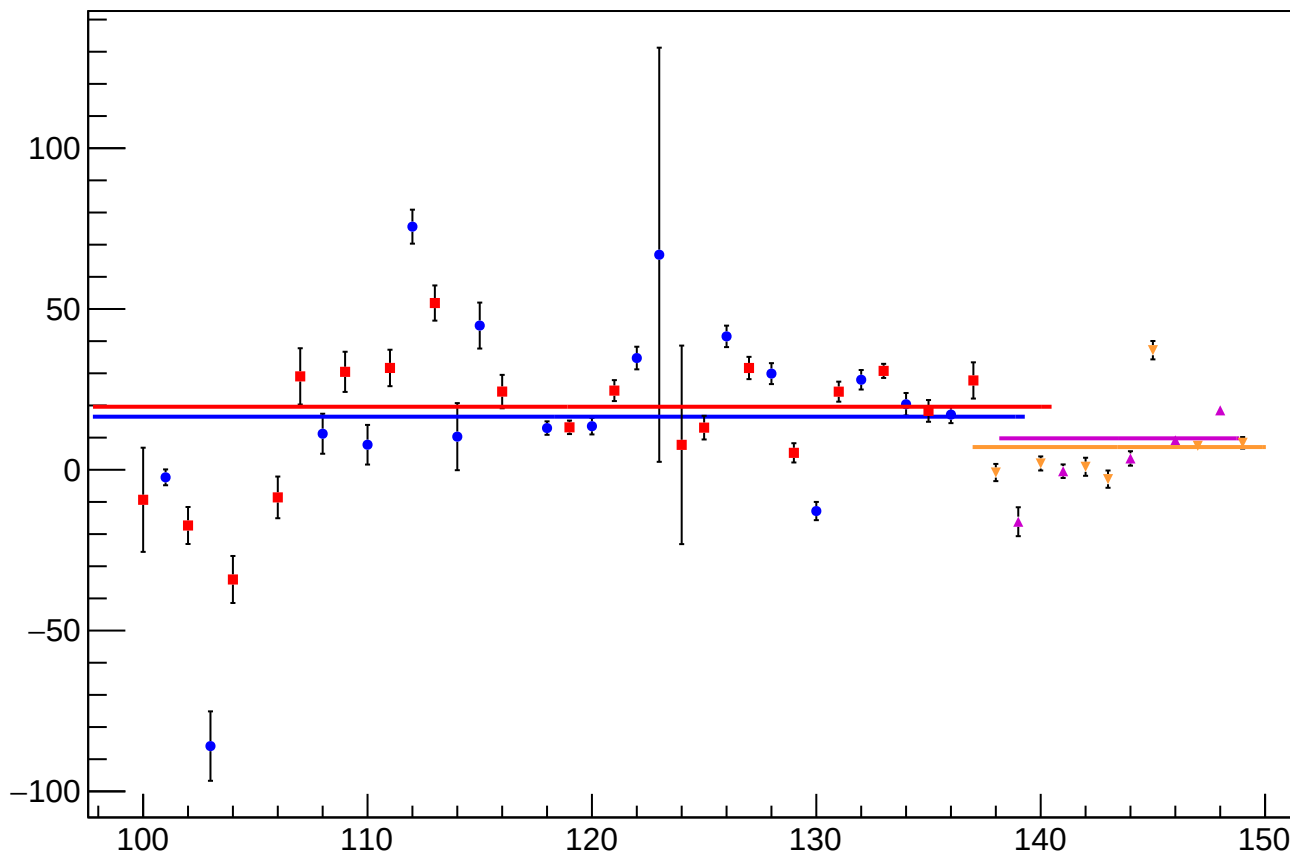
Left In: -44.446+/-1.221 χ^2/NDF : 161.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.638+/-0.831 χ^2/NDF : 937.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 7.066 $\pm$ 0.779 χ^2 /NDF:144.5/6

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

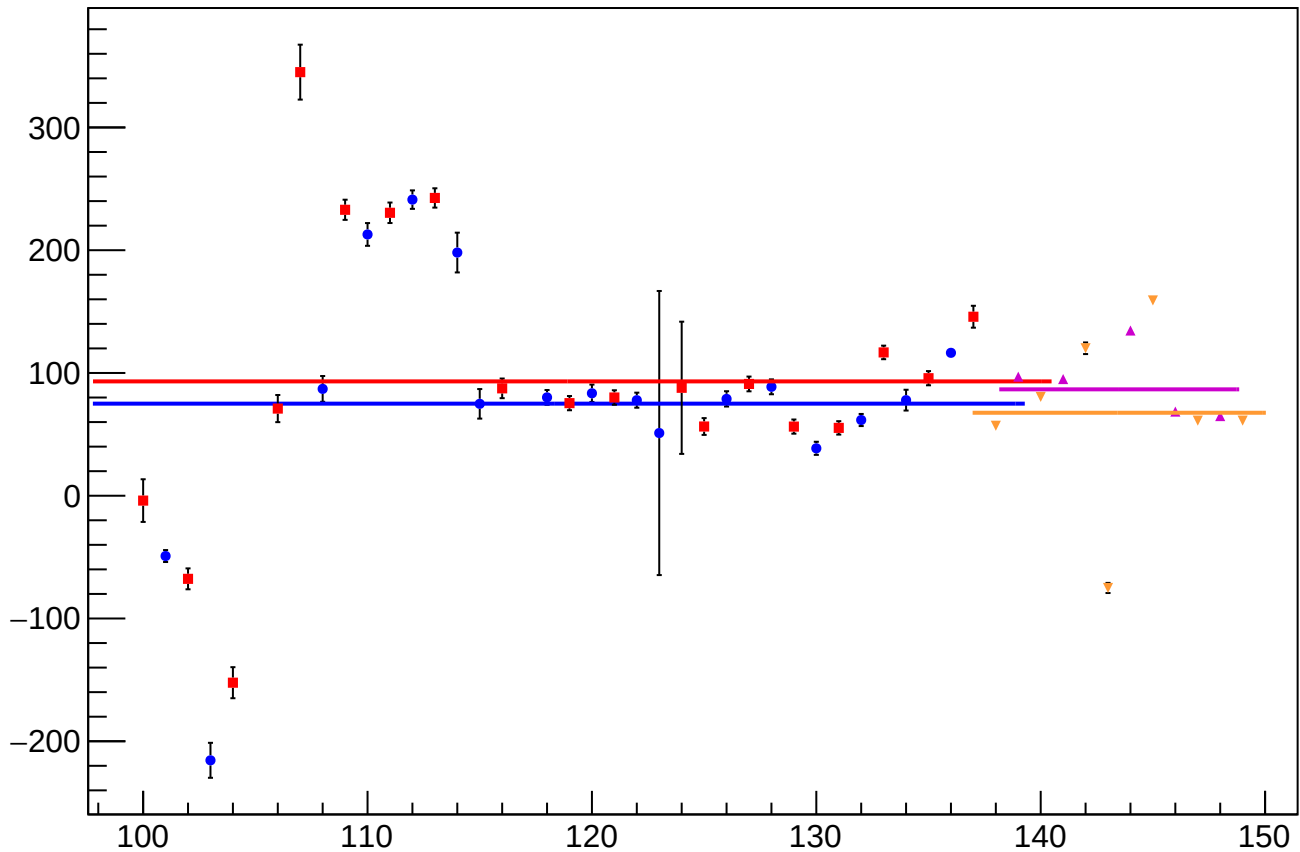
Left In: 9.781 $\pm$ 0.813 χ^2 /NDF:109.1/4

+ sign 11.391 $\pm$ 0.573 χ^2 /NDF: 731.5/23

All: 12.727 $\pm$ 0.415 χ^2 /NDF: 1159.7/47

- sign 14.202 $\pm$ 0.603 χ^2 /NDF: 416.8/23

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 ± 1.636 χ^2/NDF : 1999.3/16

Left Out: 67.592 ± 1.152 χ^2/NDF : 2082.4/6

Right Out: 93.140 ± 1.711 χ^2/NDF : 2002.3/18

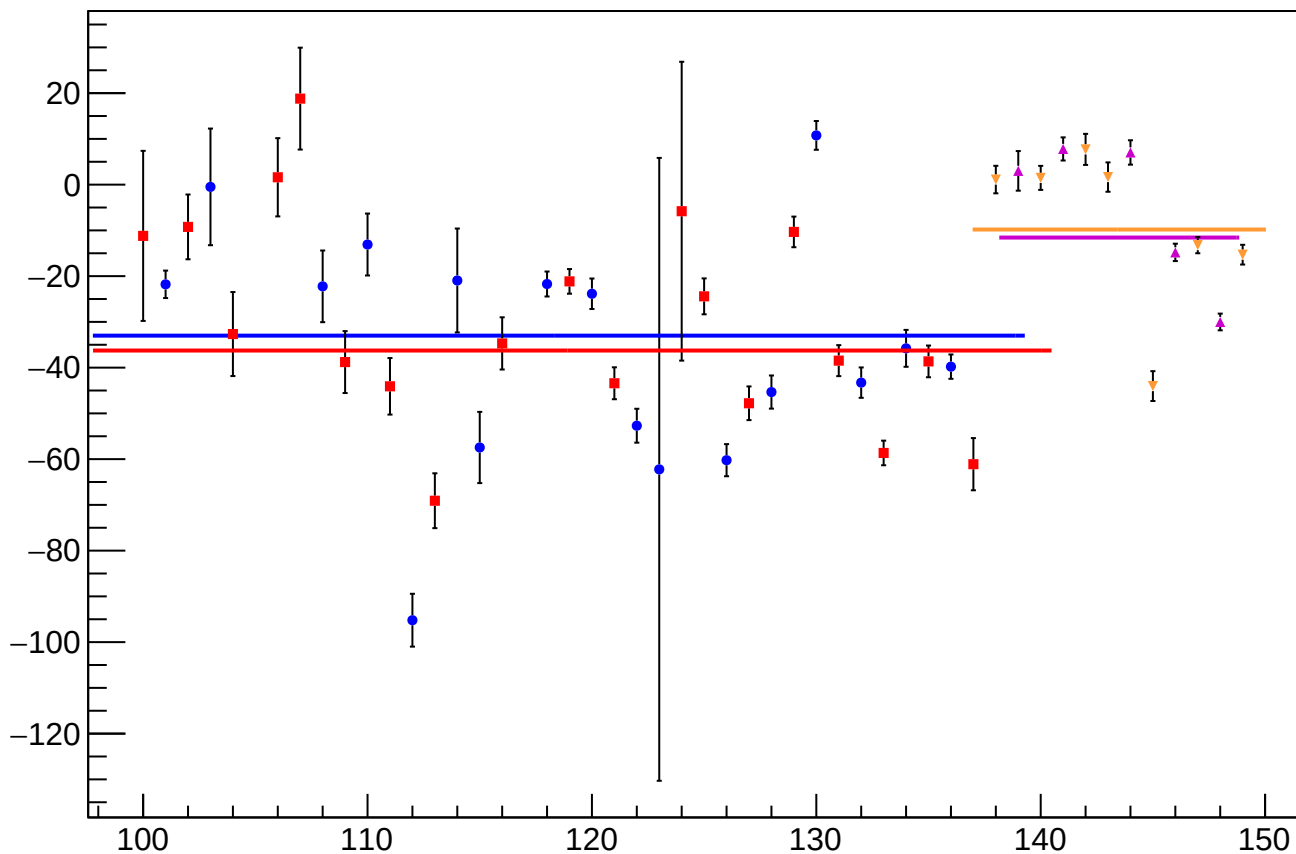
Left In: 86.657 ± 1.236 χ^2/NDF : 354.2/4

+ sign 70.051 ± 0.942 χ^2/NDF : 4095.5/23

All: 78.885 ± 0.686 χ^2/NDF : 6648.9/47

- sign 88.880 ± 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: -9.809±0.969 χ^2/NDF : 191.4/6

Right Out: -36.260±1.025 χ^2/NDF : 297.1/18

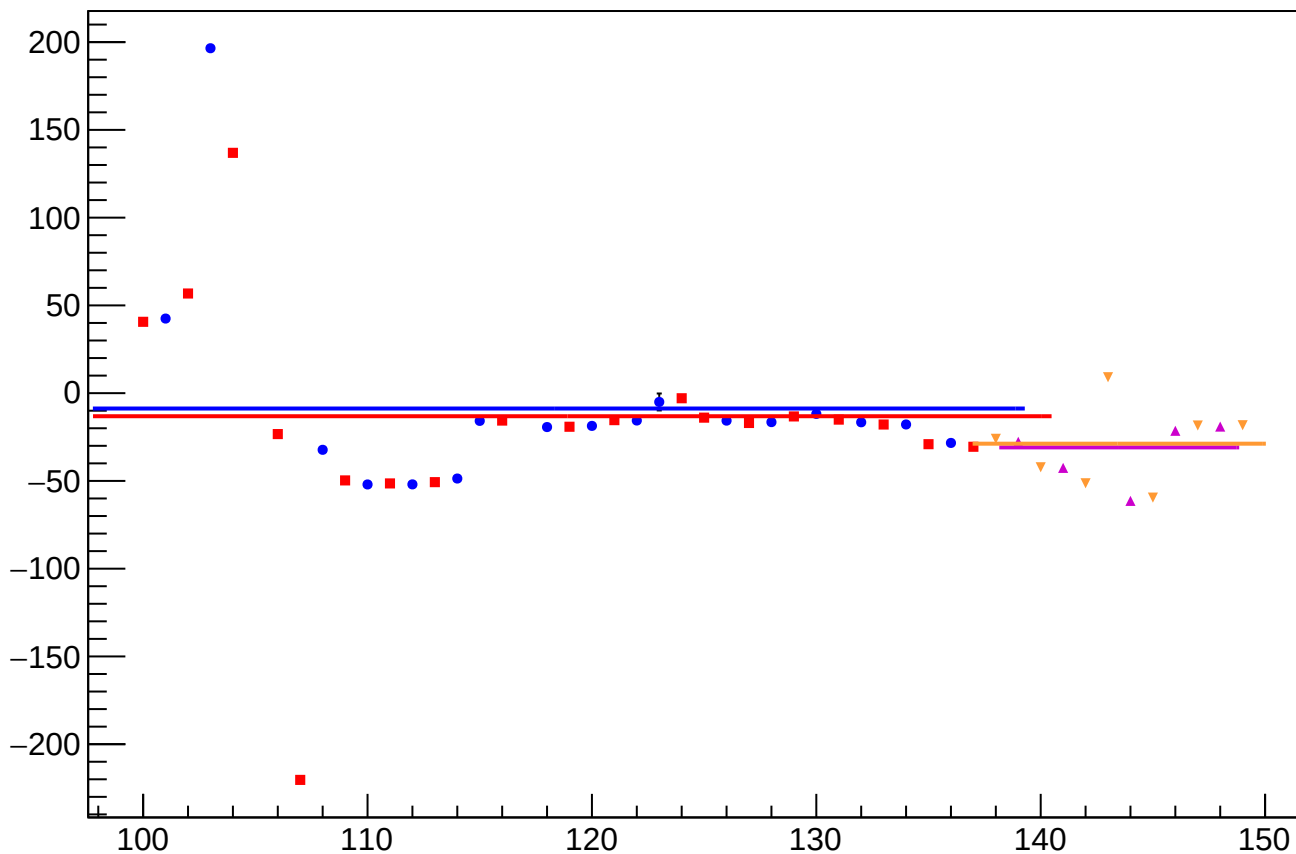
Left In: -11.566±1.038 χ^2/NDF : 223.7/4

+ sign -21.376±0.686 χ^2/NDF : 970.1/23

All: -22.639±0.500 χ^2/NDF : 1784.5/47

- 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: -28.787 ± 0.049 $\chi^2/\text{NDF}: 147219.0/6$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

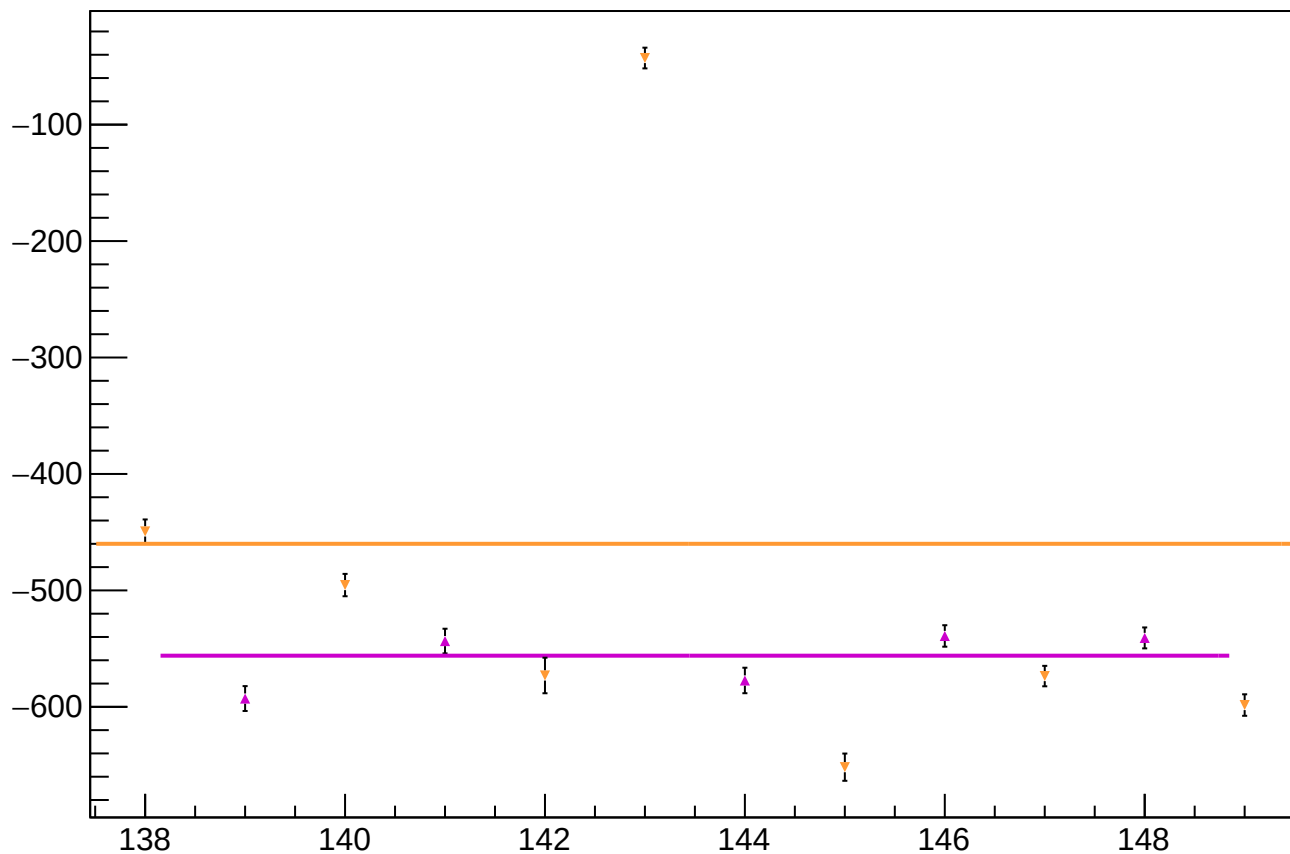
Left In: -30.902 ± 0.051 $\chi^2/\text{NDF}: 71535.3/4$

+ sign -20.666 ± 0.037 $\chi^2/\text{NDF}: 792264.8/23$

All: -22.113 ± 0.027 $\chi^2/\text{NDF}: 1474801.3/47$

- 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: -459.984+/-3.801 χ^2/NDF : 2928.1/6

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

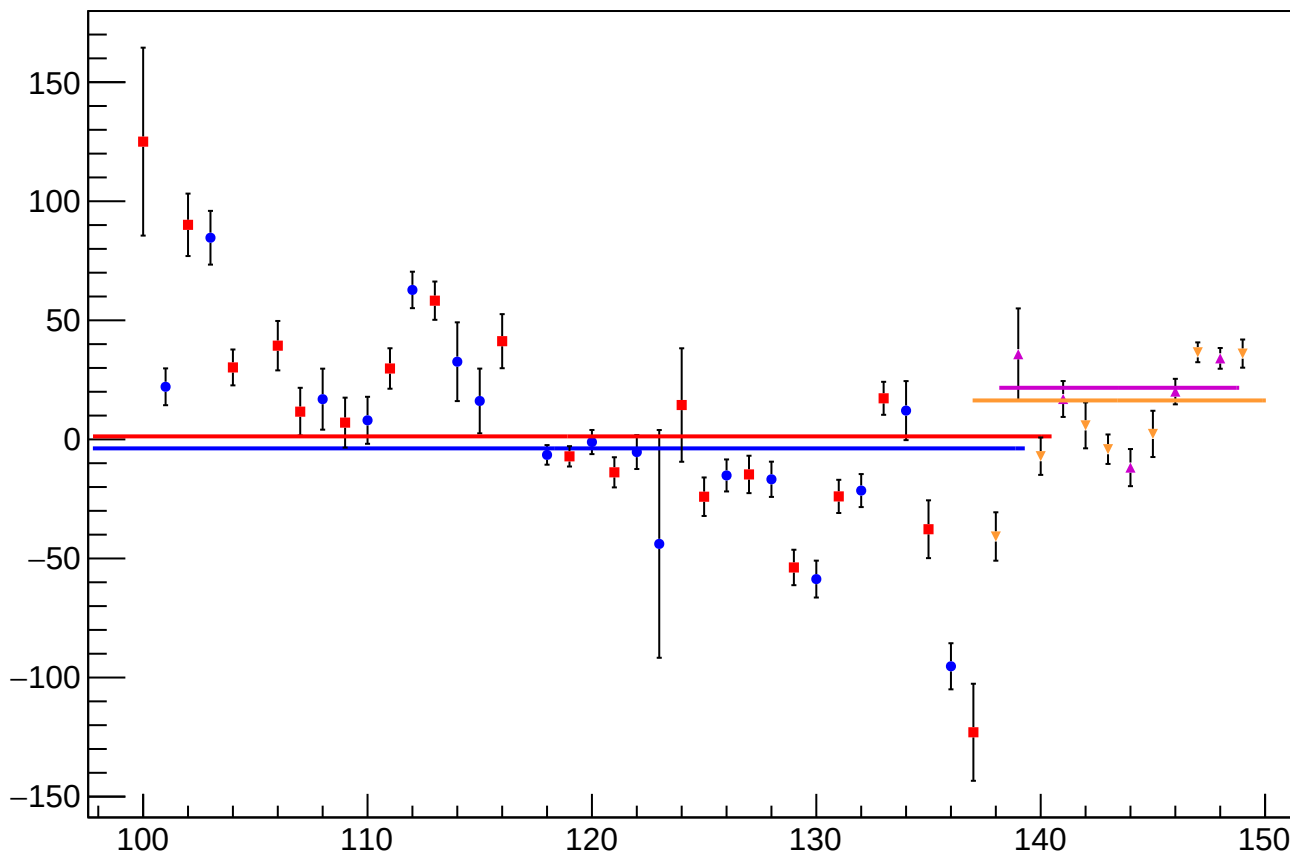
Left In: -556.062+/-4.464 χ^2/NDF : 23.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -500.364+/-2.894 χ^2/NDF : 3219.9/11

- 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: 16.356 ± 2.502 χ^2/NDF : 89.4/6

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

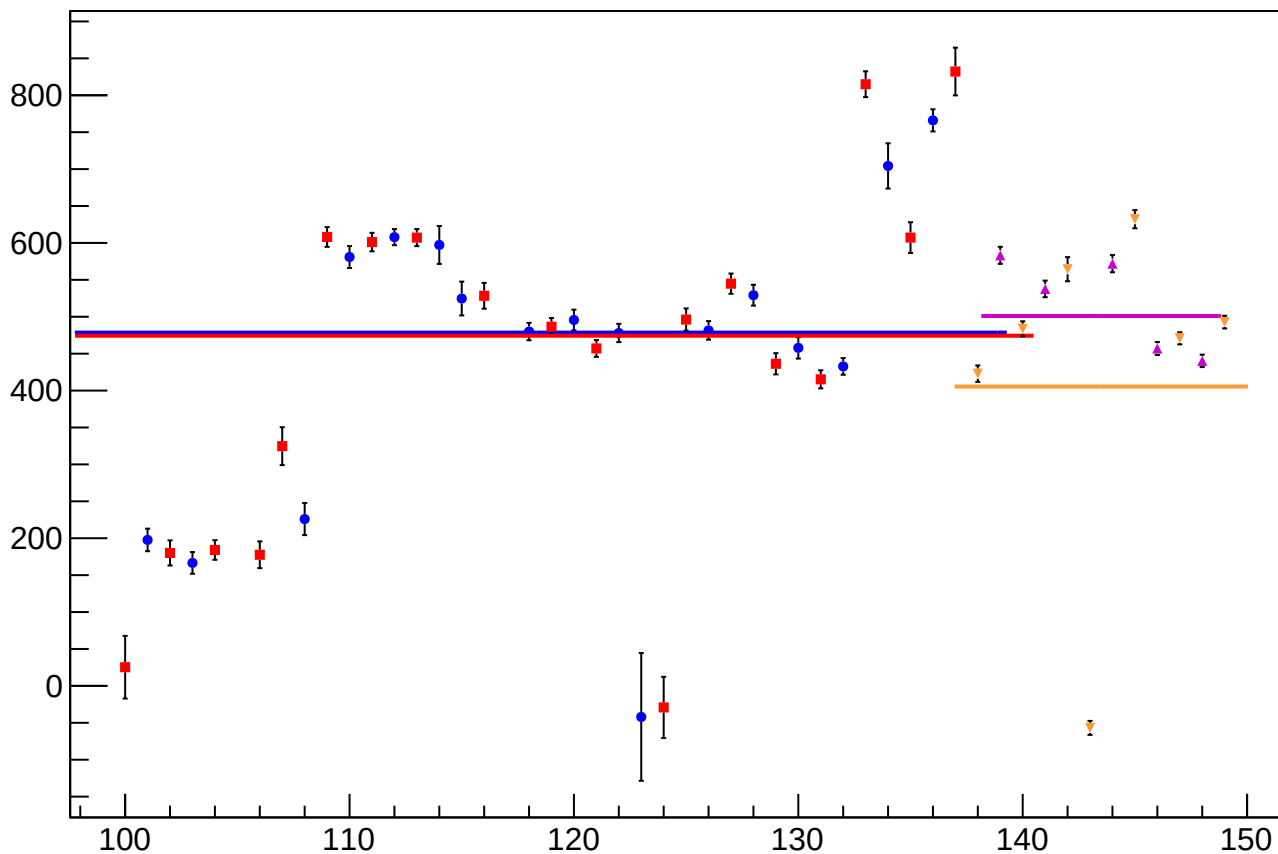
Left In: 21.668 ± 2.836 χ^2/NDF : 27.5/4

+ sign 3.532 ± 1.507 χ^2/NDF : 445.0/23

All: 5.495 ± 1.094 χ^2/NDF : 815.3/47

- sign 7.679 ± 1.590 χ^2/NDF : 366.8/23

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 ± 3.630 $\chi^2/\text{NDF}: 1629.0/16$

Left Out: 405.471 ± 3.854 $\chi^2/\text{NDF}: 3029.8/6$

Right Out: 474.328 ± 3.533 $\chi^2/\text{NDF}: 2287.1/18$

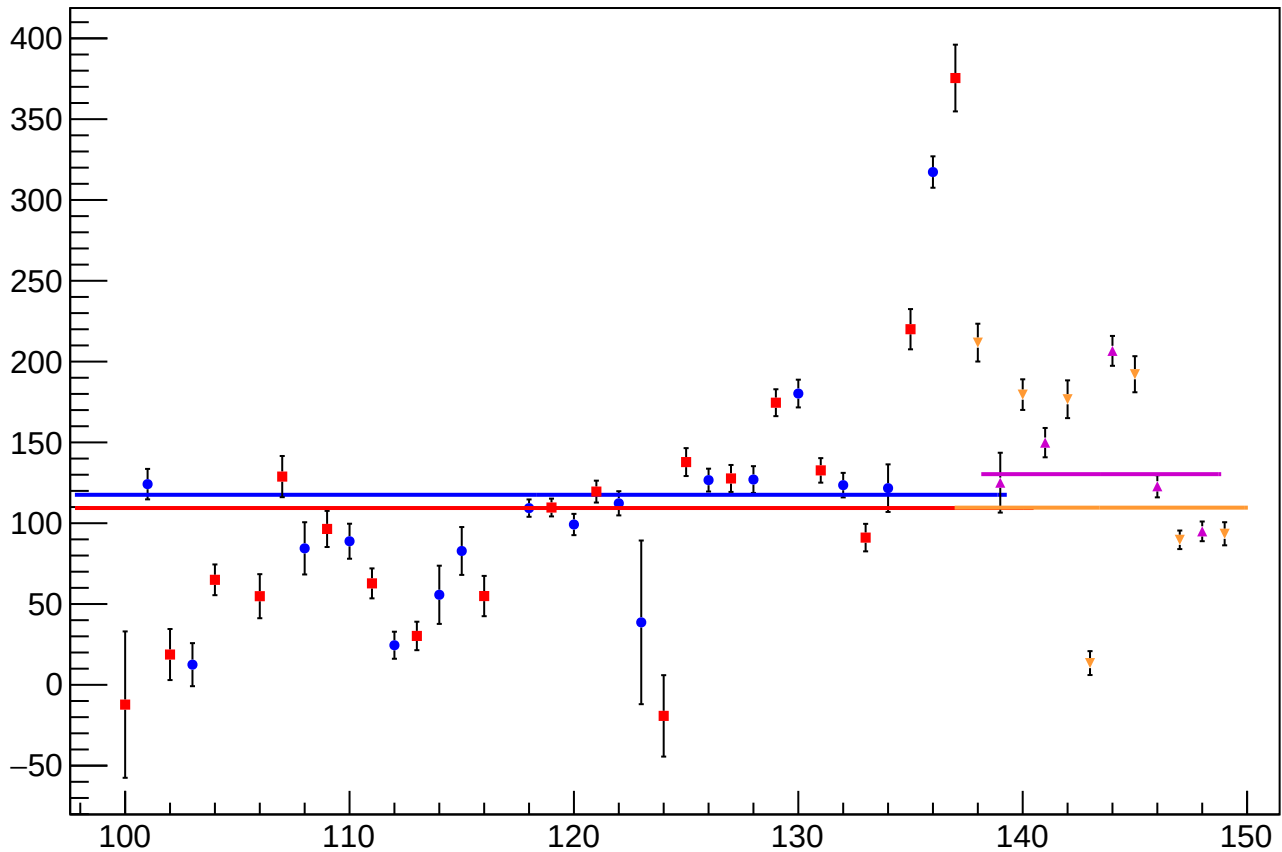
Left In: 500.981 ± 4.488 $\chi^2/\text{NDF}: 174.8/4$

+ sign 444.183 ± 2.643 $\chi^2/\text{NDF}: 4849.2/23$

All: 463.361 ± 1.914 $\chi^2/\text{NDF}: 7443.7/47$

- sign 484.524 ± 2.776 $\chi^2/\text{NDF}: 2483.7/23$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 χ^2/NDF : 706.9/16

Left Out: 109.630 ± 3.131 χ^2/NDF : 404.5/6

Right Out: 109.400 ± 2.210 χ^2/NDF : 571.2/18

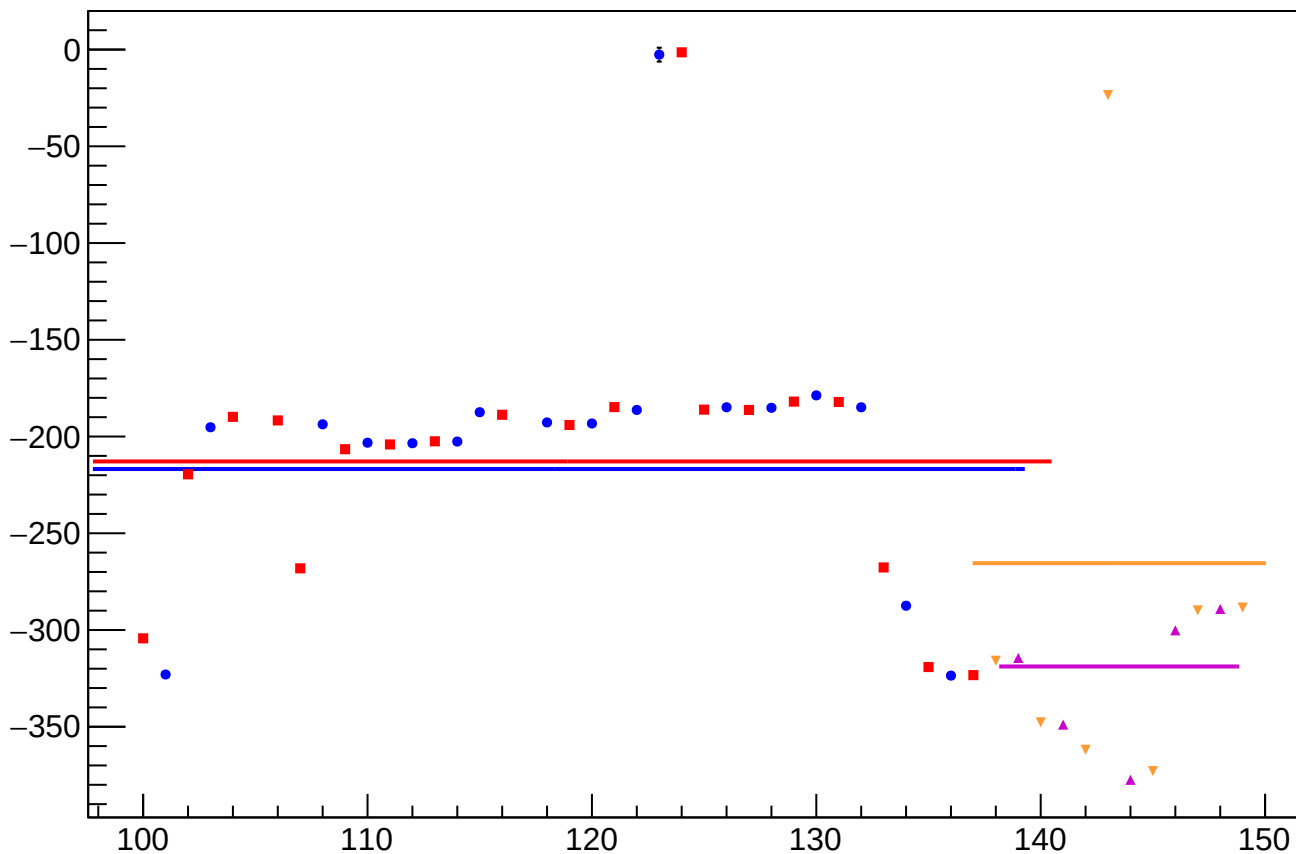
Left In: 130.357 ± 3.653 χ^2/NDF : 107.7/4

+ sign 114.967 ± 1.796 χ^2/NDF : 1115.7/23

All: 114.990 ± 1.302 χ^2/NDF : 1818.7/47

- sign 115.014 ± 1.891 χ^2/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: -265.451+/-0.164 χ^2/NDF : 530082.0/6

Right Out: -212.869+/-0.130 χ^2/NDF : 116393.6/18

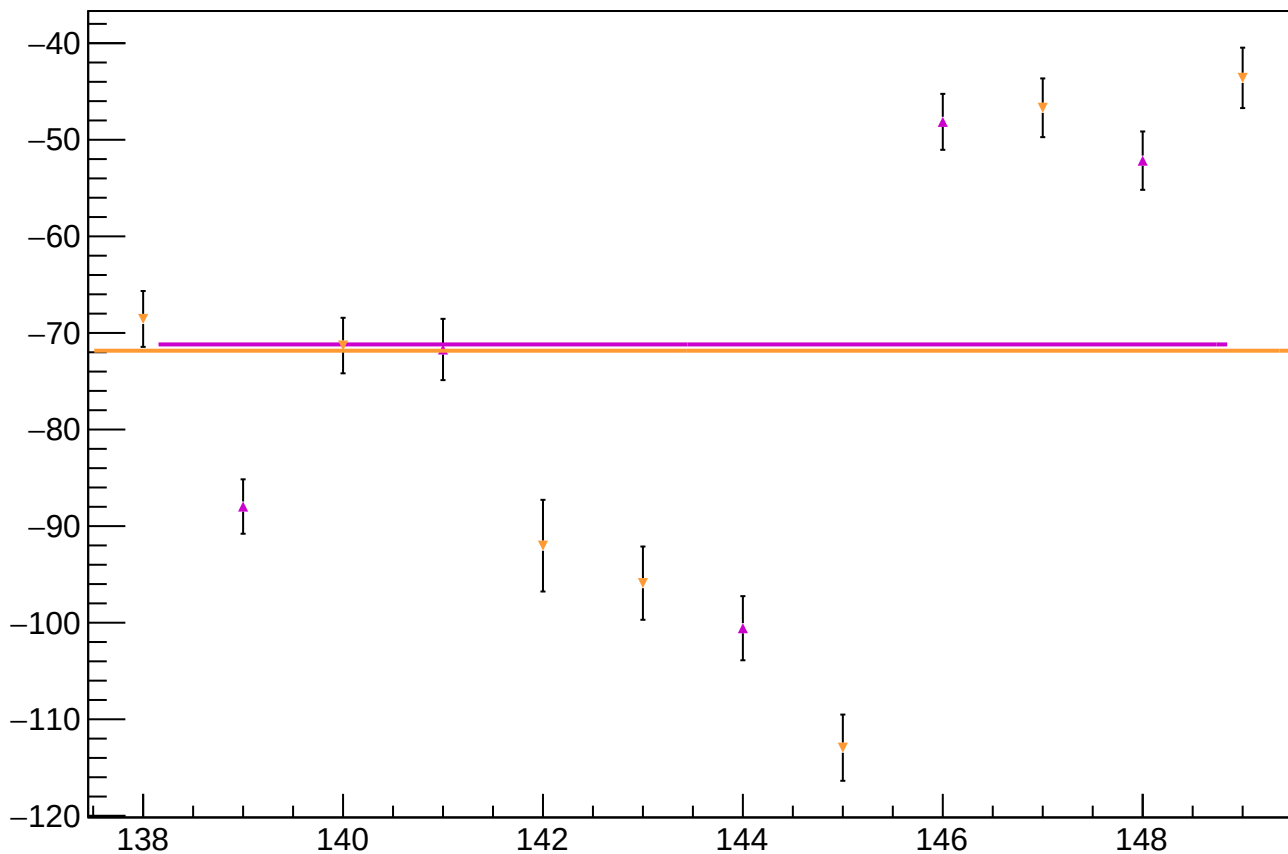
Left In: -318.847+/-0.188 χ^2/NDF : 26425.9/4

+ sign -236.621+/-0.104 χ^2/NDF : 729477.3/23

All: -241.814+/-0.075 χ^2/NDF : 1092550.8/47

- 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: -71.839+/-1.240 χ^2/NDF : 353.4/6

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

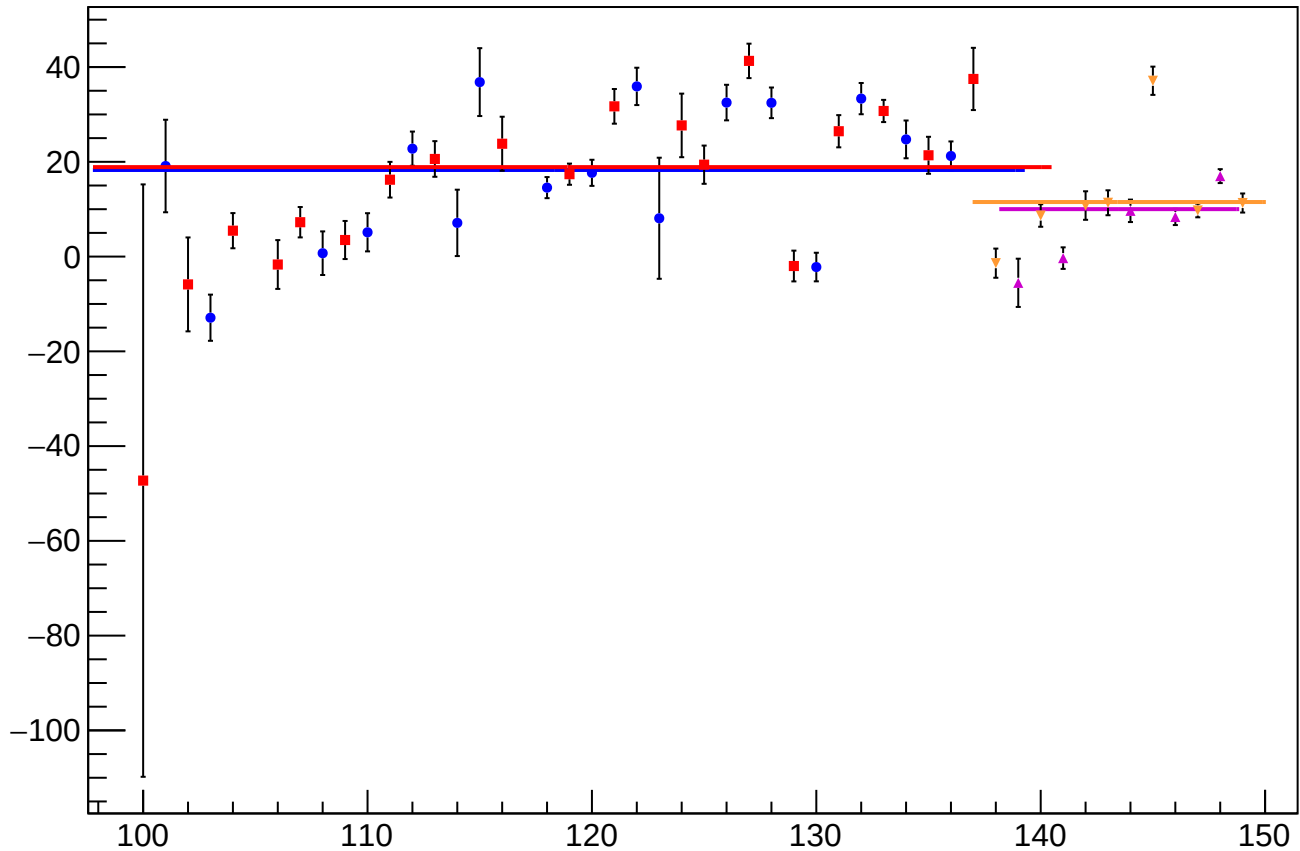
Left In: -71.188+/-1.355 χ^2/NDF : 216.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.542+/-0.915 χ^2/NDF : 570.4/11

- 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: 11.516 $\pm$ 0.852 χ^2 /NDF: 94.3/6

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

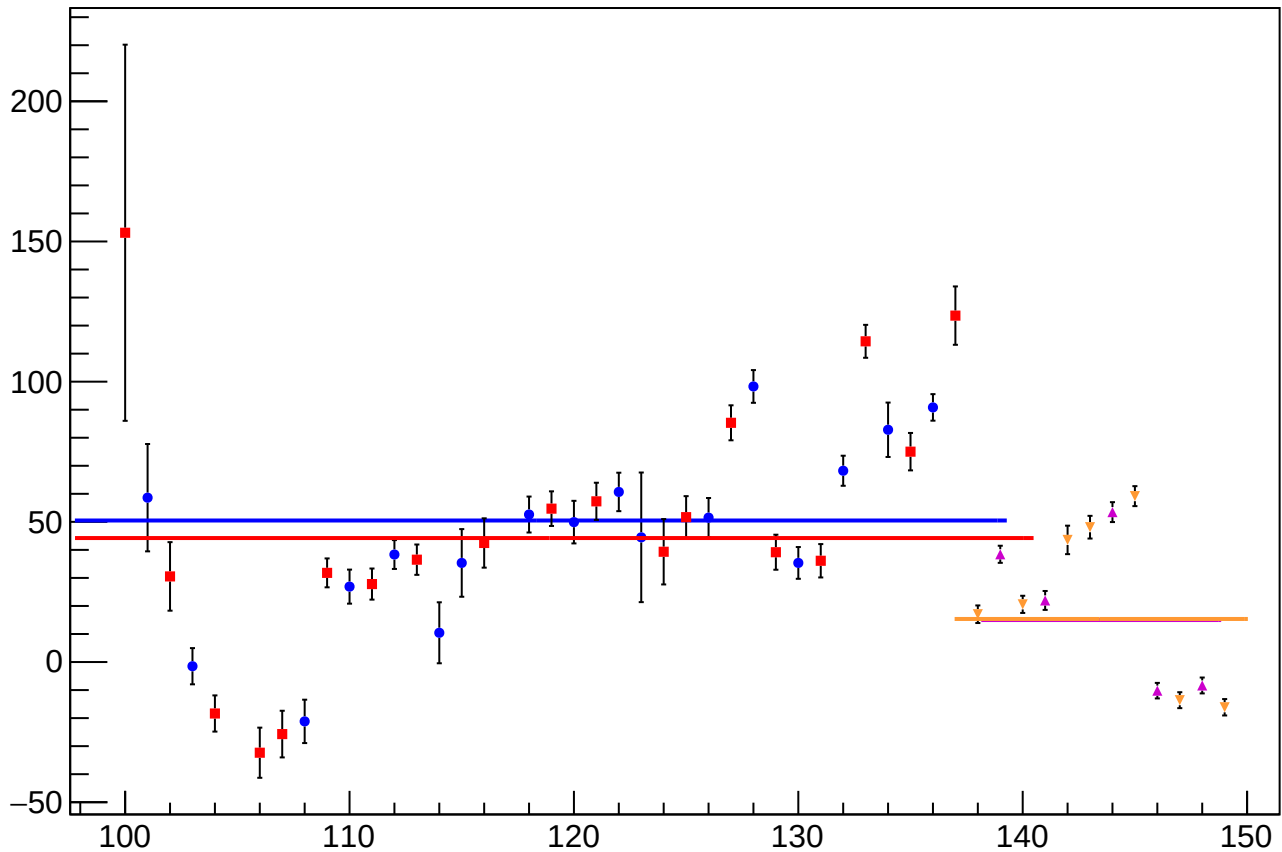
Left In: 10.013 $\pm$ 0.907 χ^2 /NDF: 53.4/4

+ sign 14.693 $\pm$ 0.621 χ^2 /NDF: 328.4/23

All: 14.676 $\pm$ 0.441 χ^2 /NDF: 630.5/47

- 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: 15.361 $\pm$ 1.262 χ^2 /NDF: 470.8/6

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

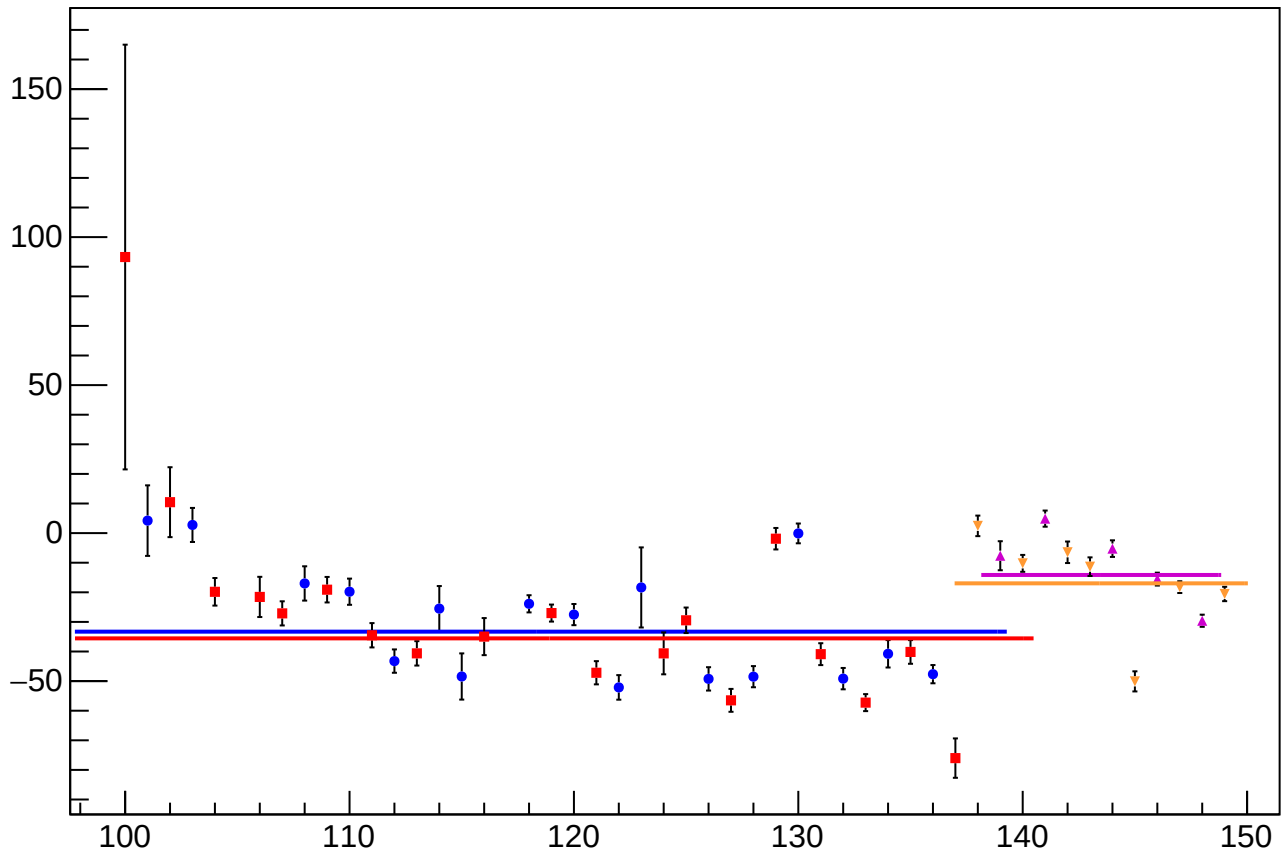
Left In: 14.981 $\pm$ 1.374 χ^2 /NDF: 331.4/4

+ sign 28.146 $\pm$ 1.006 χ^2 /NDF: 1110.7/23

All: 27.773 $\pm$ 0.724 χ^2 /NDF: 2168.7/47

- 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 $\chi^2/\text{NDF}: 289.1/16$

Left Out: -16.972 ± 1.059 $\chi^2/\text{NDF}: 146.1/6$

Right Out: -35.566 ± 0.992 $\chi^2/\text{NDF}: 287.6/18$

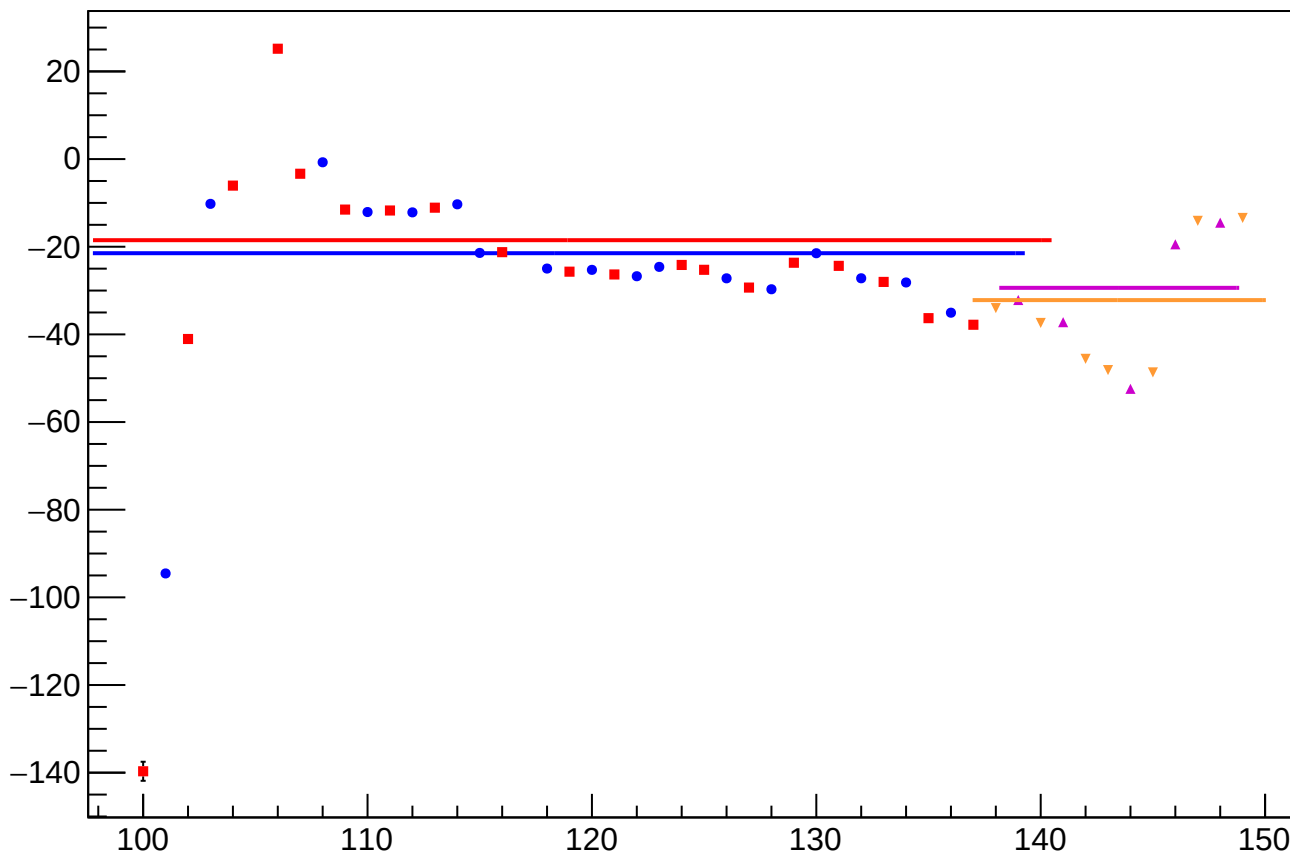
Left In: -14.141 ± 1.154 $\chi^2/\text{NDF}: 117.6/4$

+ sign -25.334 ± 0.739 $\chi^2/\text{NDF}: 556.9/23$

All: -25.887 ± 0.527 $\chi^2/\text{NDF}: 1161.3/47$

- sign -26.461 ± 0.753 $\chi^2/\text{NDF}: 603.3/23$

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -32.178 ± 0.053 $\chi^2/\text{NDF}: 69768.0/6$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

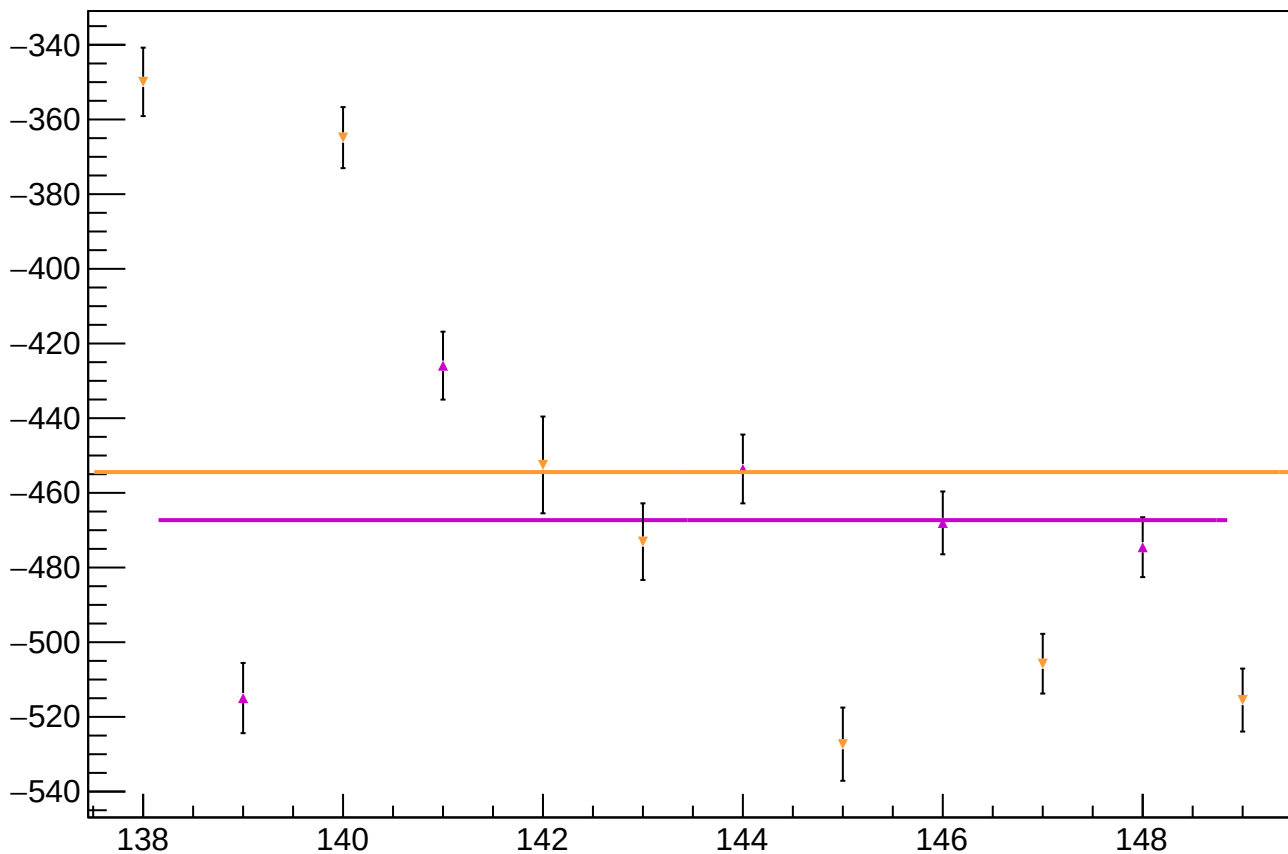
Left In: -29.378 ± 0.057 $\chi^2/\text{NDF}: 47093.0/4$

+ sign -27.358 ± 0.039 $\chi^2/\text{NDF}: 137058.6/23$

All: -25.721 ± 0.028 $\chi^2/\text{NDF}: 286605.4/47$

- sign -24.006 ± 0.040 $\chi^2/\text{NDF}: 146009.0/23$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -454.437 $\pm$ 3.483 χ^2 /NDF: 402.2/6

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

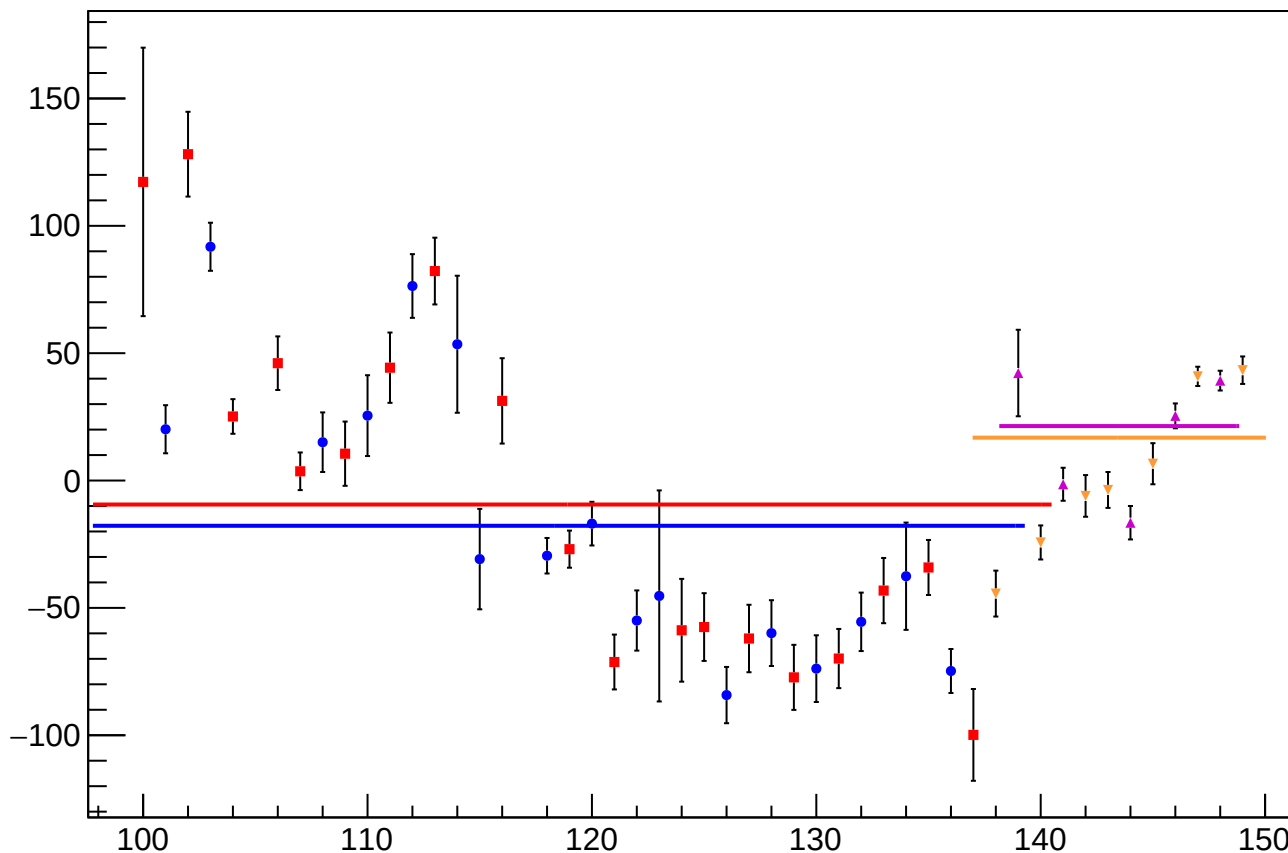
Left In: -467.305 $\pm$ 3.927 χ^2 /NDF: 49.4/4

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

All: -460.104 $\pm$ 2.606 χ^2 /NDF: 457.6/11

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

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 16.835 ± 2.299 χ^2/NDF : 166.4/6

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

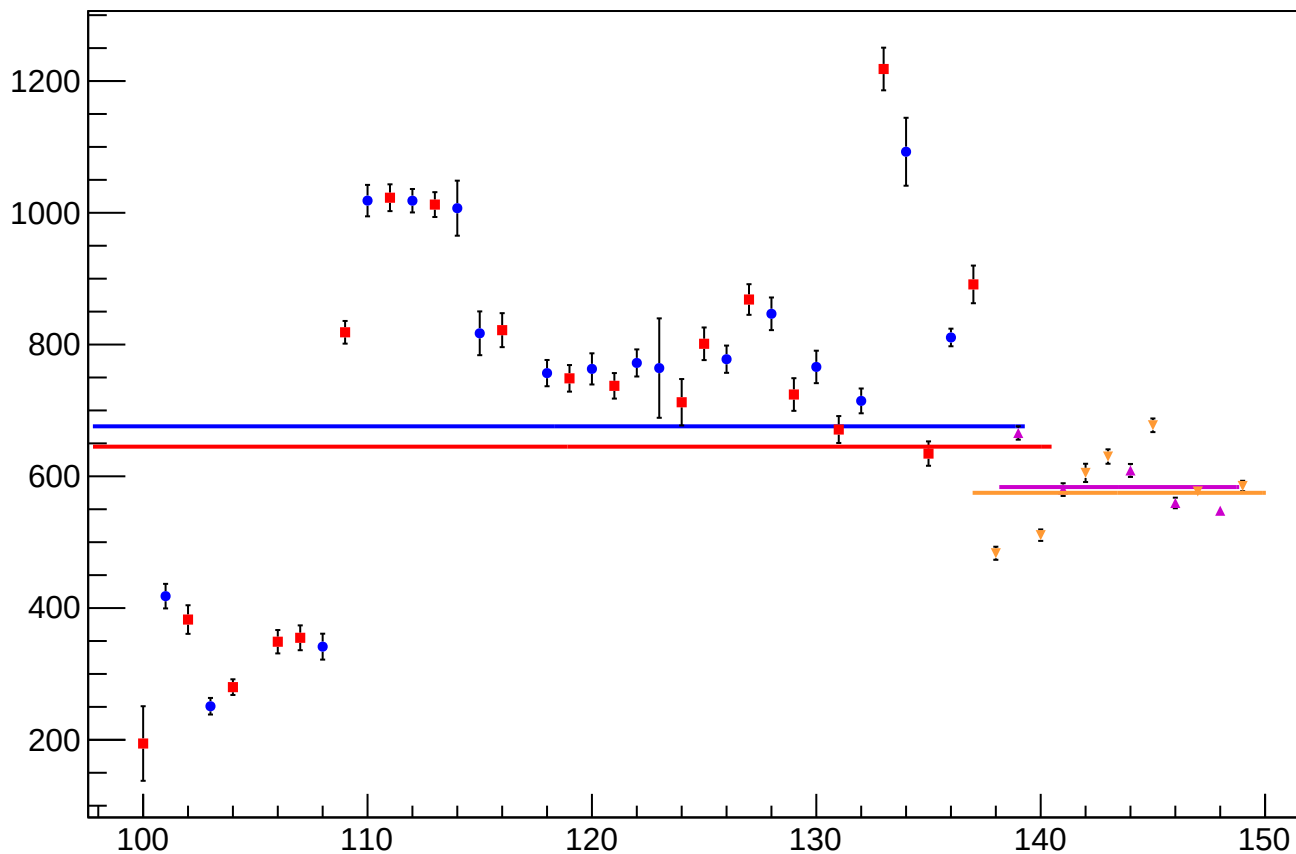
Left In: 21.385 ± 2.509 χ^2/NDF : 69.1/4

+ sign 2.789 ± 1.772 χ^2/NDF : 622.1/23

All: 4.658 ± 1.266 χ^2/NDF : 1135.4/47

- 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: 574.953 ± 3.530 χ^2/NDF : 269.9/6

Right Out: 645.014 ± 4.761 χ^2/NDF : 3123.3/18

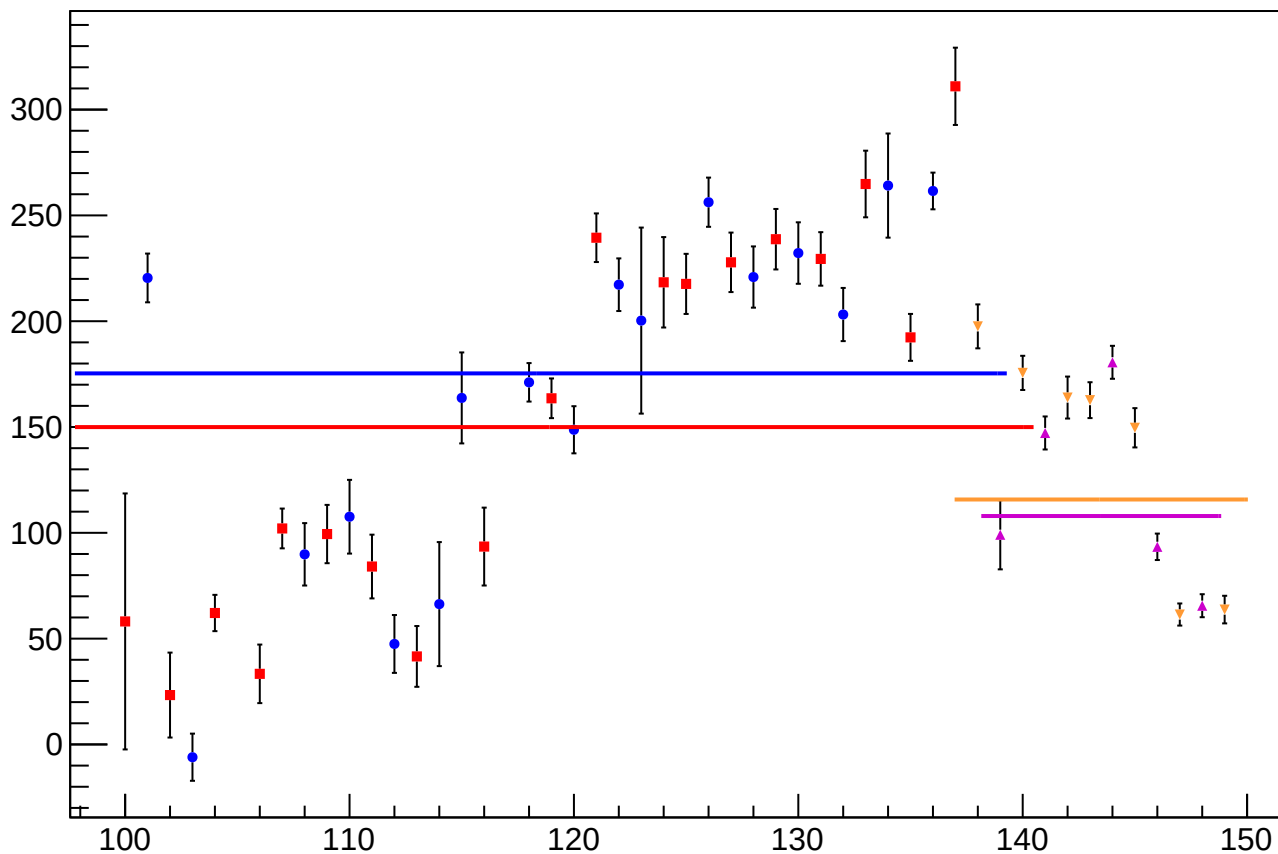
Left In: 583.688 ± 3.958 χ^2/NDF : 103.6/4

+ sign 608.197 ± 2.891 χ^2/NDF : 3125.4/23

All: 608.460 ± 2.096 χ^2/NDF : 6450.5/47

- 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: 115.750 $\pm$ 2.882 χ^2 /NDF: 356.3/6

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

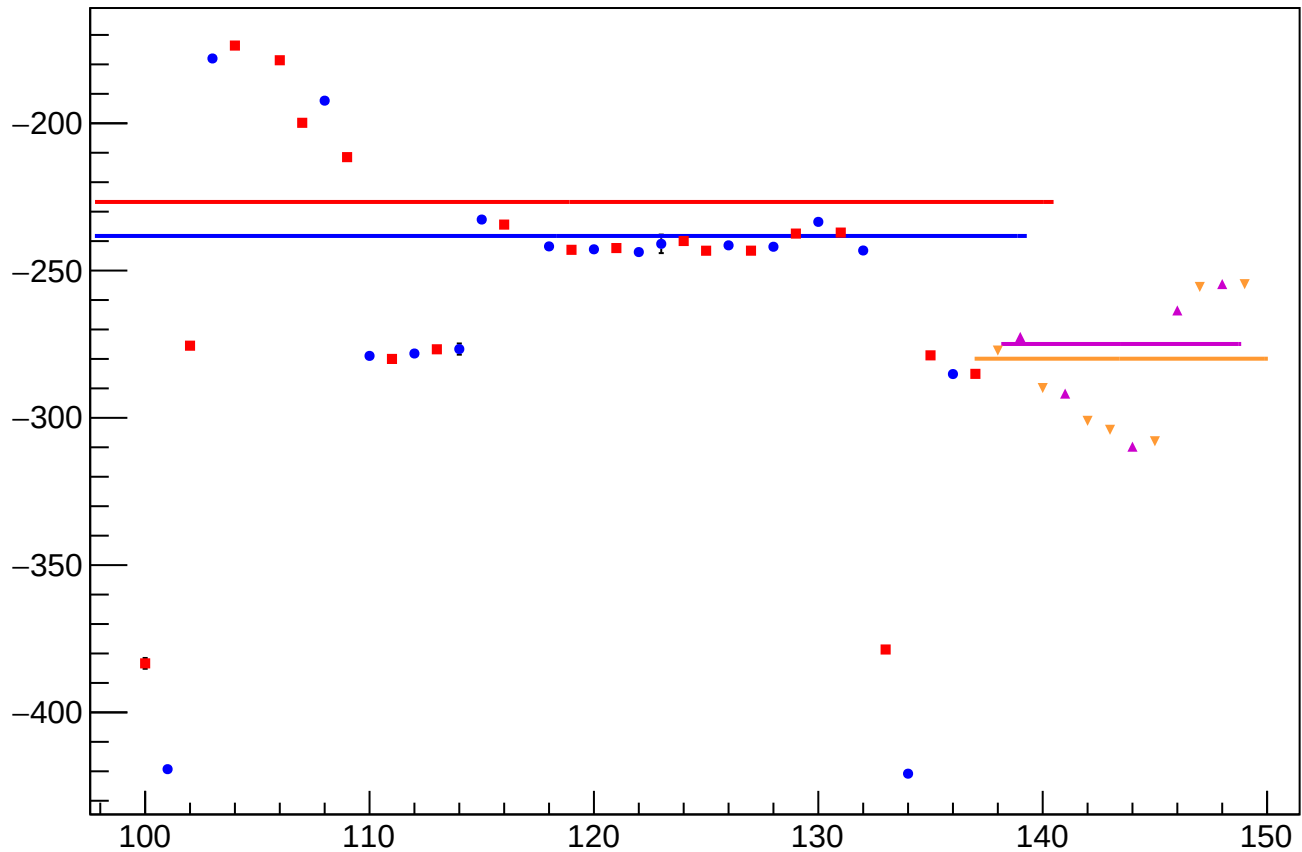
Left In: 107.940 $\pm$ 3.225 χ^2 /NDF: 178.8/4

+ sign 142.411 $\pm$ 2.142 χ^2 /NDF: 1186.1/23

All: 136.487 $\pm$ 1.540 χ^2 /NDF: 2163.6/47

- 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: -279.921+/-0.150 χ^2/NDF : 20130.5/6

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

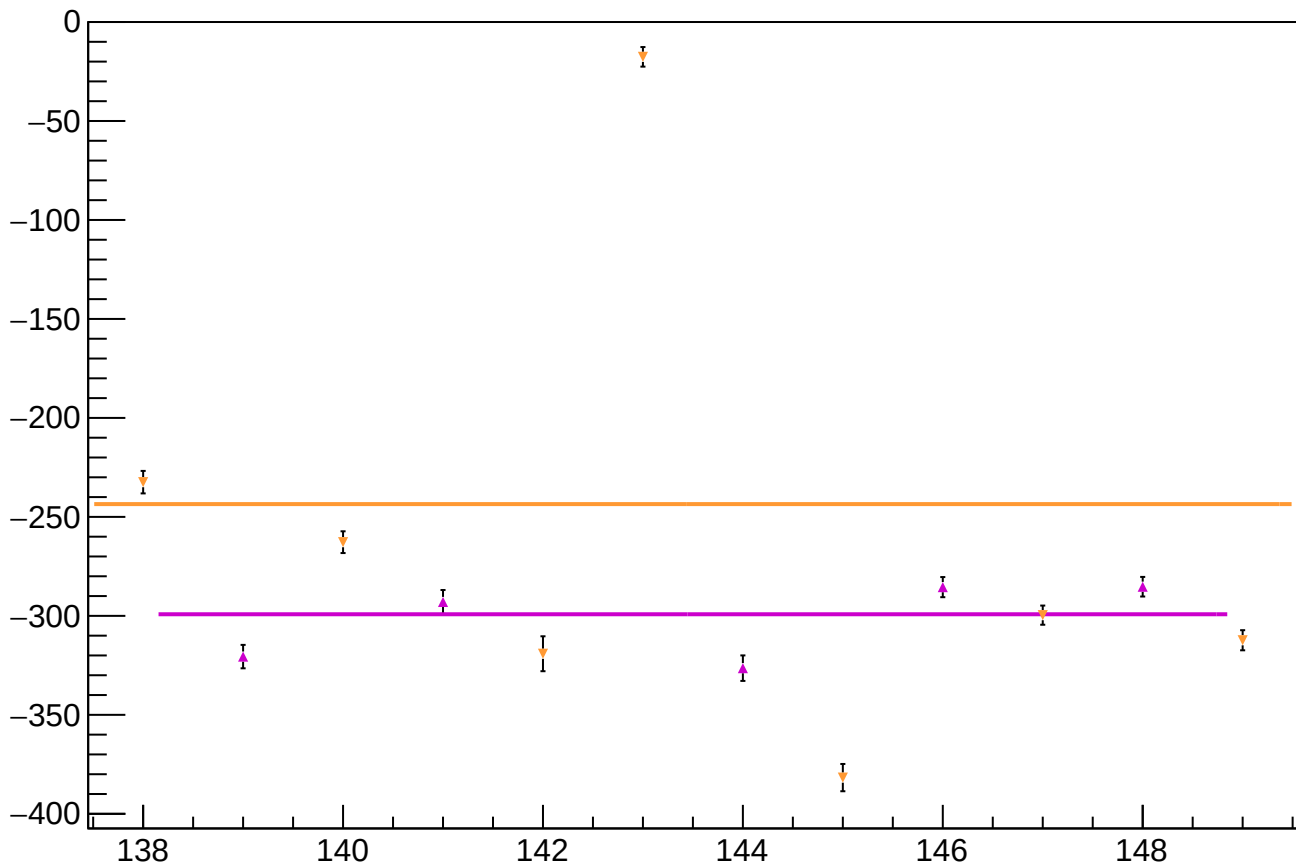
Left In: -274.923+/-0.165 χ^2/NDF : 13376.5/4

+ sign -260.375+/-0.110 χ^2/NDF : 223310.8/23

All: -254.616+/-0.078 χ^2/NDF : 391477.5/47

- 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: -243.539+/-2.131 χ^2/NDF : 2895.7/6

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

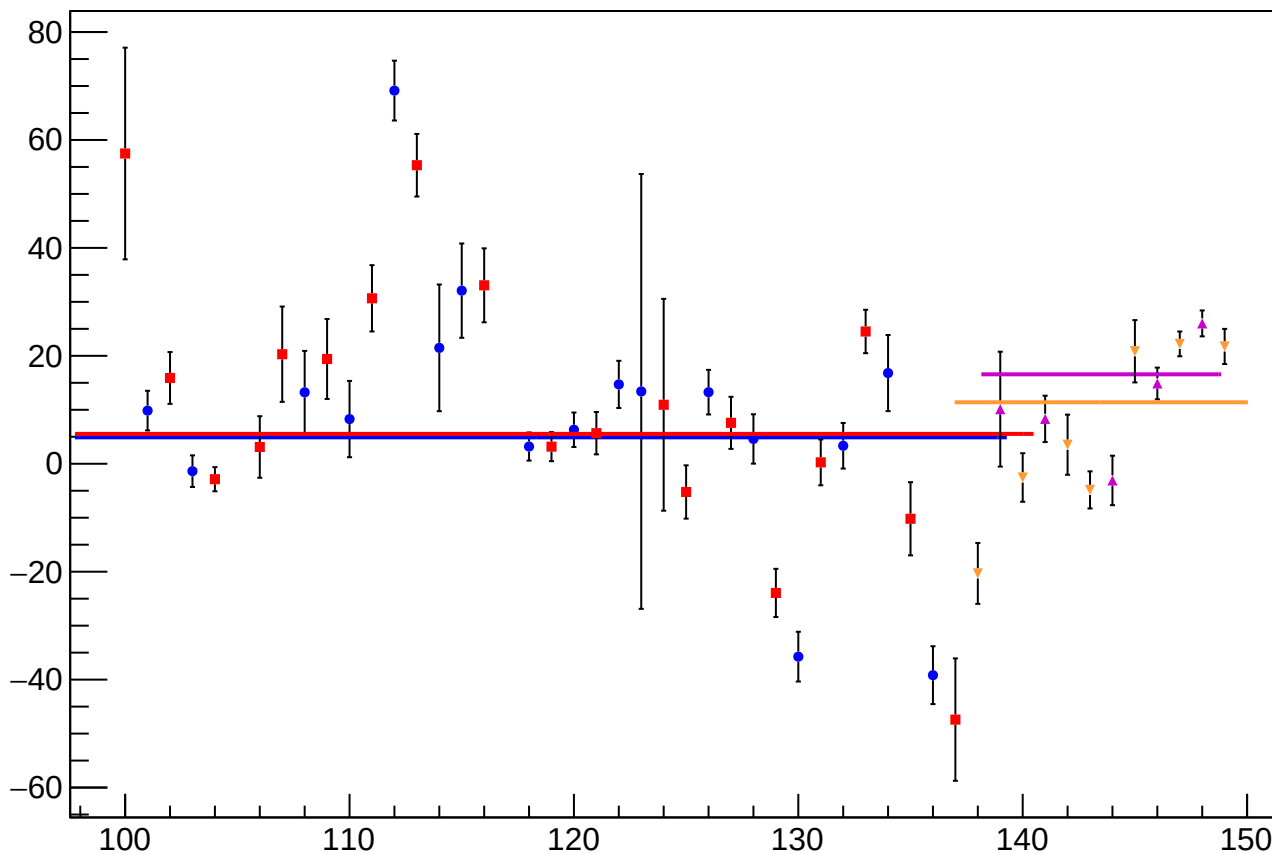
Left In: -299.190+/-2.503 χ^2/NDF : 47.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.918+/-1.622 χ^2/NDF : 3229.5/11

- 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 $\chi^2/\text{NDF}: 312.0/16$

Left Out: 11.394 ± 1.398 $\chi^2/\text{NDF}: 100.5/6$

Right Out: 5.534 ± 1.071 $\chi^2/\text{NDF}: 239.1/18$

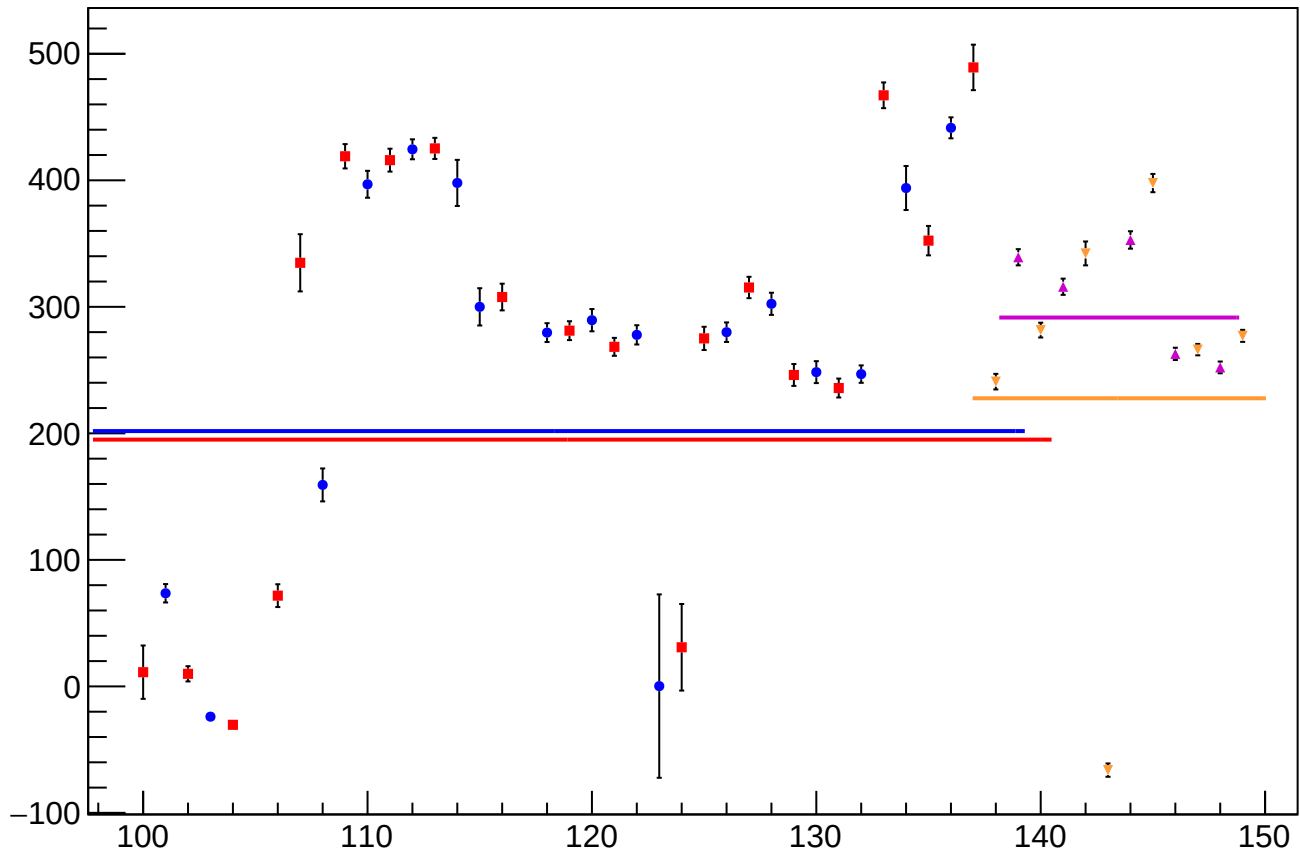
Left In: 16.574 ± 1.581 $\chi^2/\text{NDF}: 38.3/4$

+ sign 7.351 ± 0.859 $\chi^2/\text{NDF}: 425.9/23$

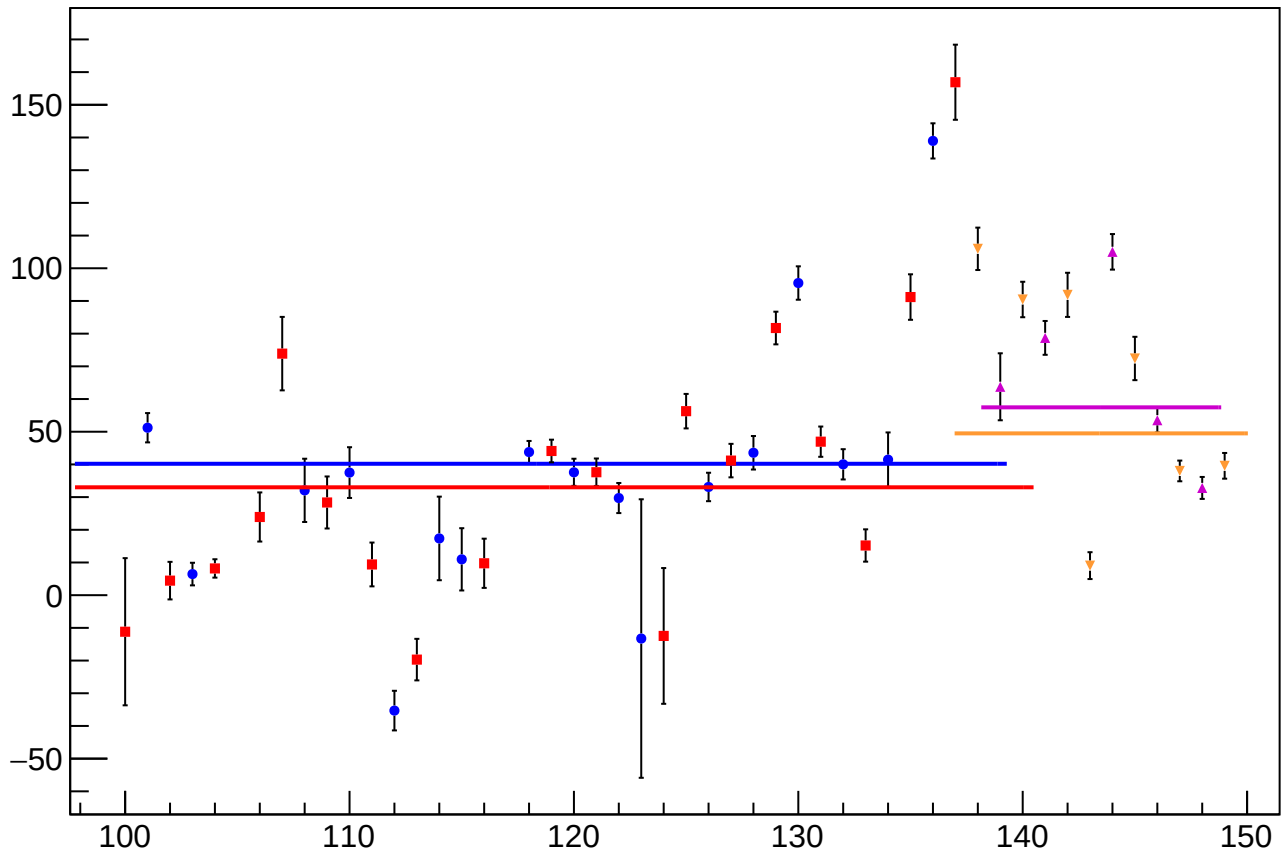
All: 8.154 ± 0.617 $\chi^2/\text{NDF}: 738.5/47$

- sign 9.009 ± 0.887 $\chi^2/\text{NDF}: 310.8/23$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 49.495 $\pm$ 1.751 χ^2 /NDF:300.6/6

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

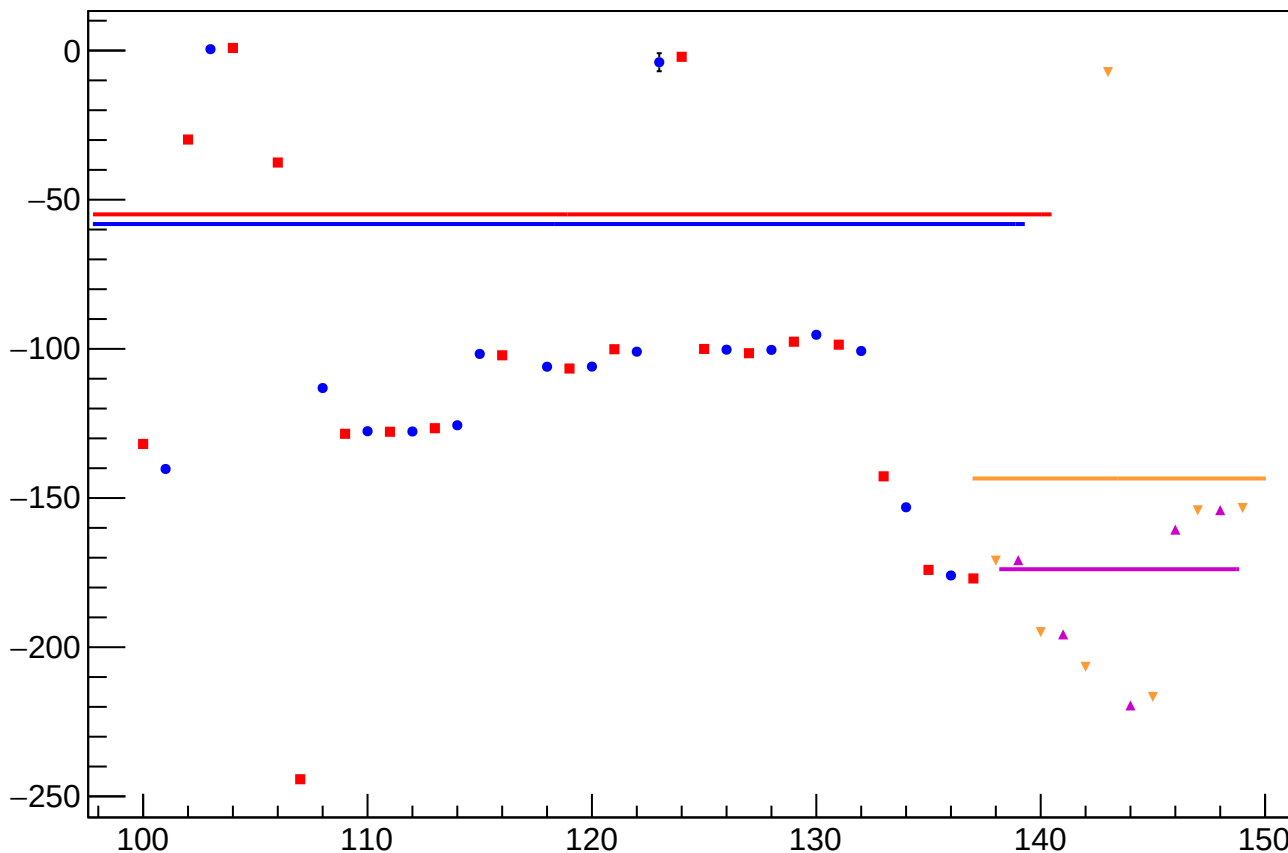
Left In: 57.457 $\pm$ 2.042 χ^2 /NDF:148.7/4

+ sign 43.393 $\pm$ 1.027 χ^2 /NDF: 1054.1/23

All: 41.612 $\pm$ 0.740 χ^2 /NDF: 1867.4/47

- 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 $\pm$ 0.062 χ^2 /NDF: 1105509.3/16

Left Out: -143.449 $\pm$ 0.092 χ^2 /NDF: 567812.5/6

Right Out: -54.914 $\pm$ 0.060 χ^2 /NDF: 1003885.5/18

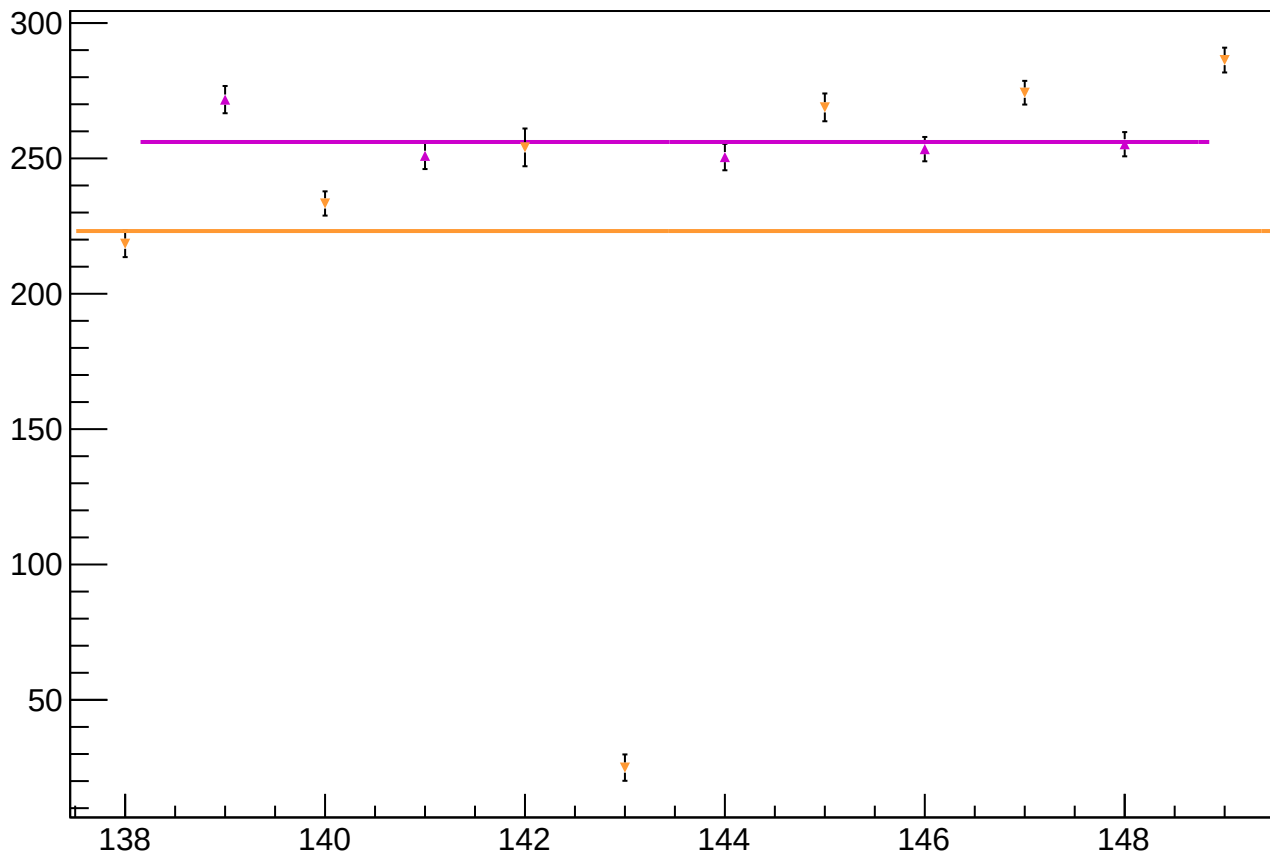
Left In: -173.858 $\pm$ 0.105 χ^2 /NDF: 43546.7/4

+ sign -84.706 $\pm$ 0.051 χ^2 /NDF: 2270631.1/23

All: -84.534 $\pm$ 0.037 χ^2 /NDF: 4283681.0/47

- sign -84.354 $\pm$ 0.052 χ^2 /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: 223.169+/-1.853 χ^2/NDF : 2087.0/6

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

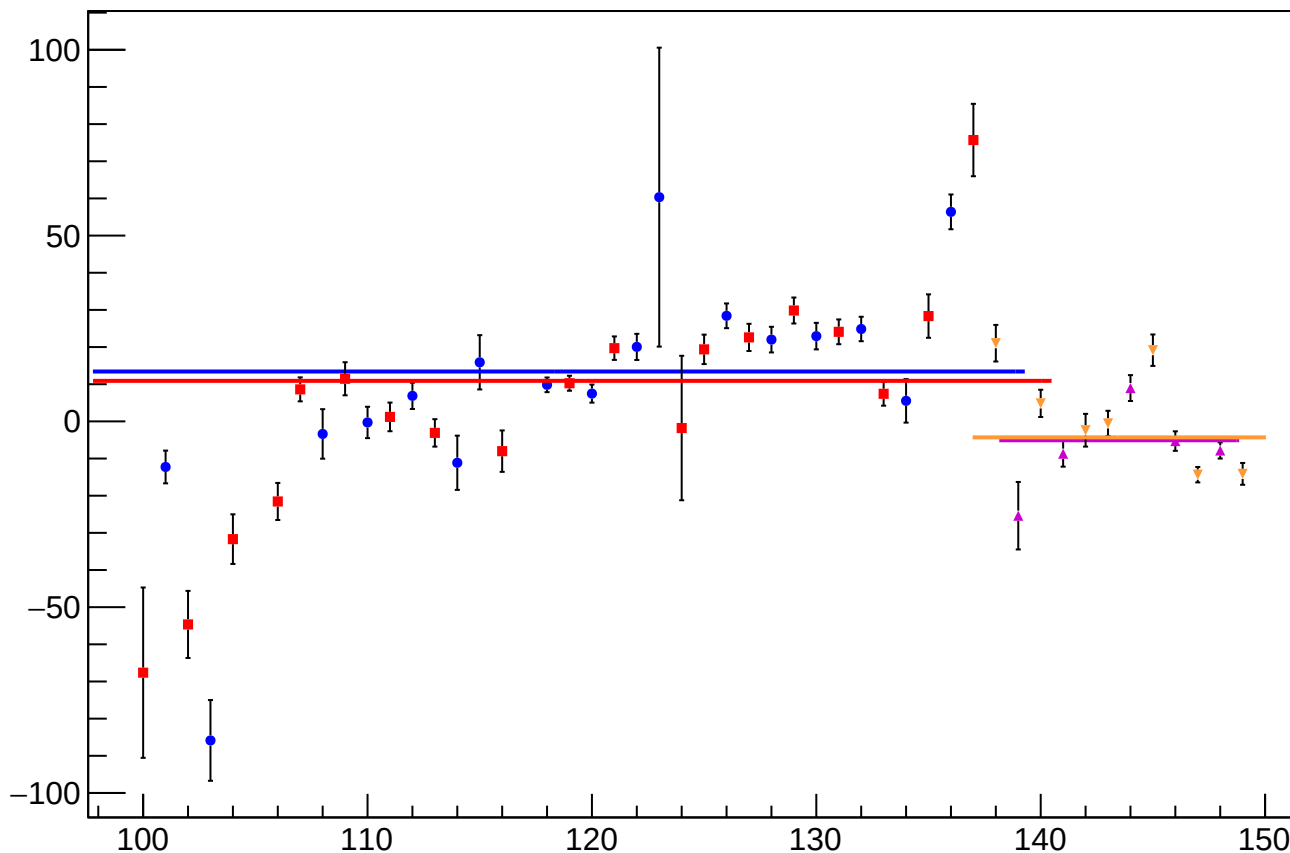
Left In: 256.063+/-2.120 χ^2/NDF : 12.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.417+/-1.395 χ^2/NDF : 2235.9/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423 $\pm$ 0.920 χ^2 /NDF: 295.2/16

Left Out: -4.307 $\pm$ 1.233 χ^2 /NDF: 99.5/6

Right Out: 10.908 $\pm$ 0.916 χ^2 /NDF: 302.6/18

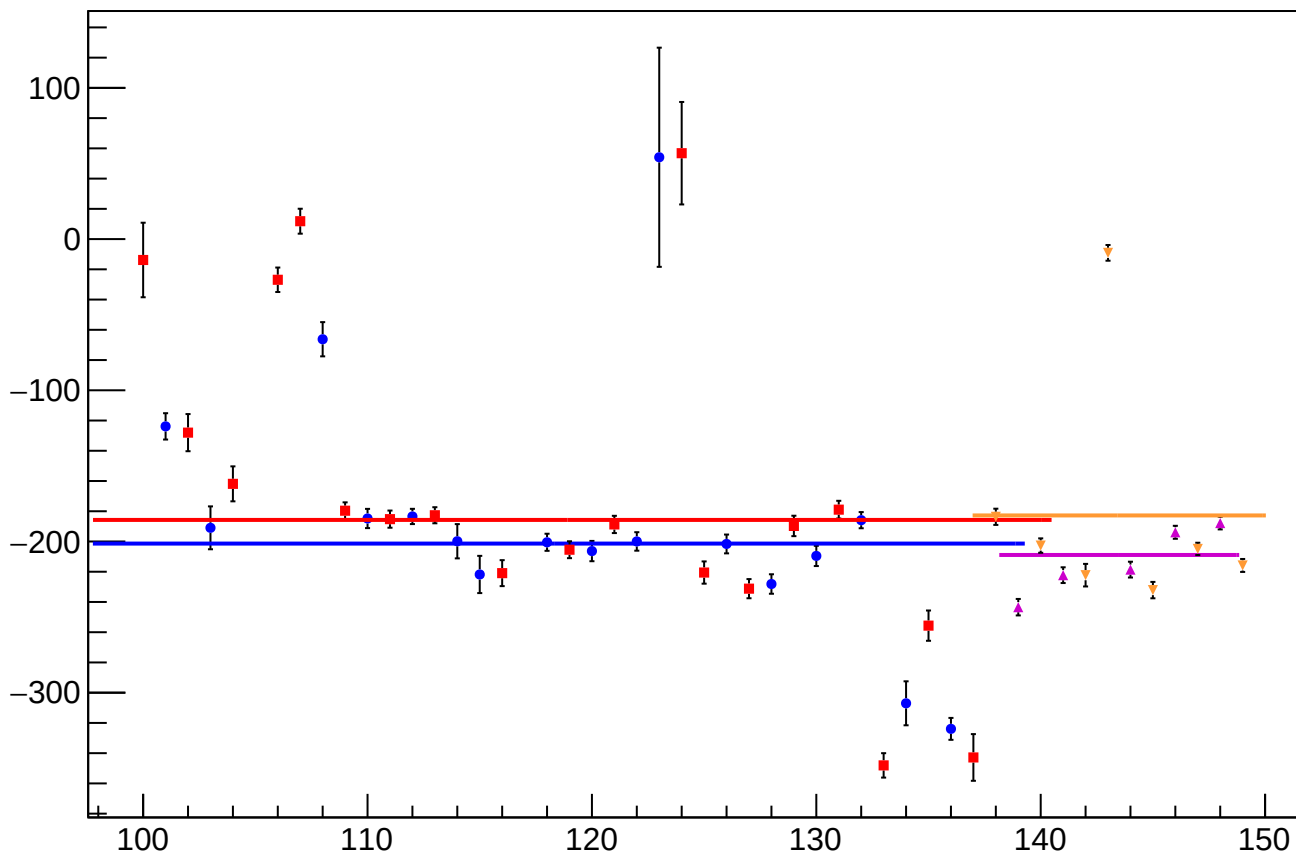
Left In: -5.080 $\pm$ 1.368 χ^2 /NDF: 24.0/4

+ sign 7.084 $\pm$ 0.737 χ^2 /NDF: 527.6/23

All: 6.539 $\pm$ 0.530 χ^2 /NDF: 949.6/47

- sign 5.959 $\pm$ 0.761 χ^2 /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: -182.768 ± 1.883 χ^2/NDF : 1333.1/6

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

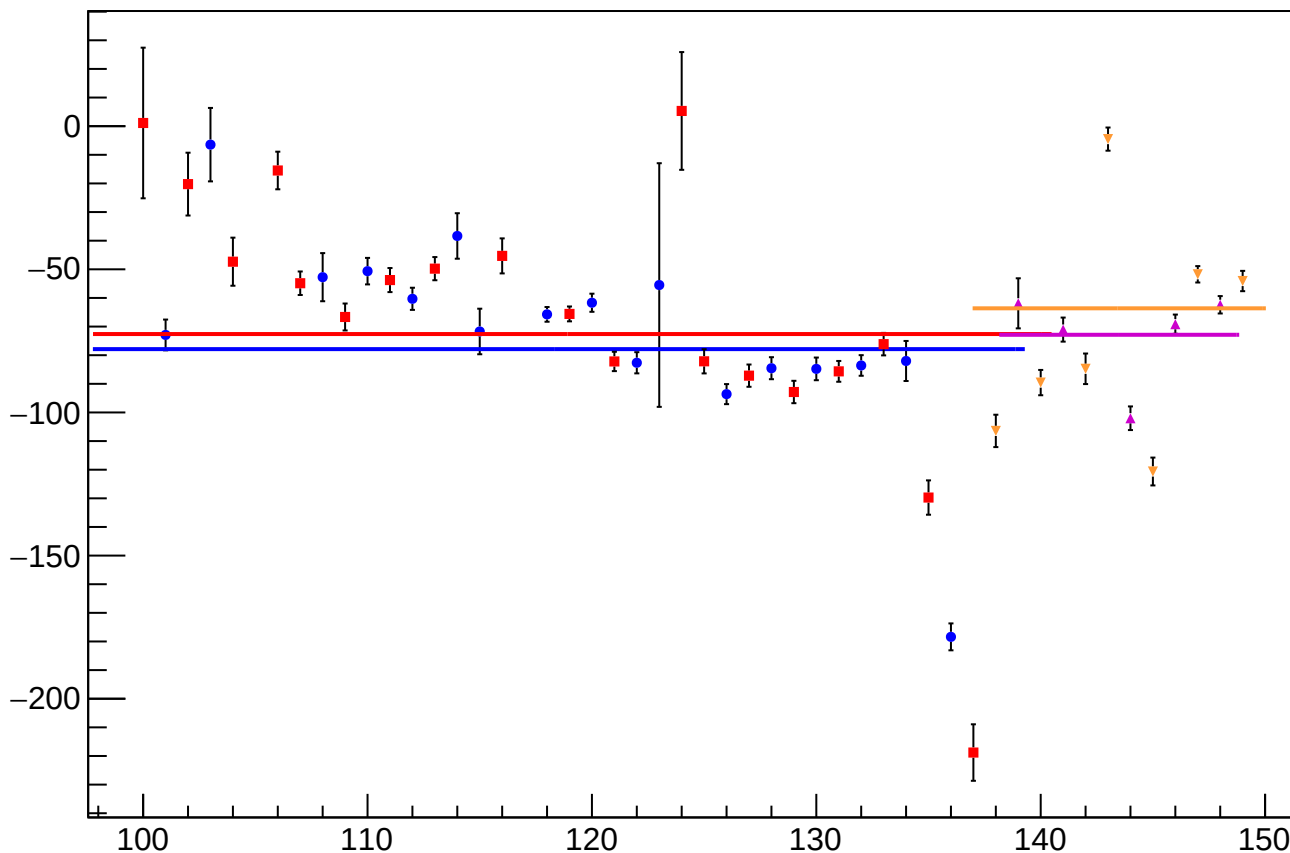
Left In: -208.915 ± 2.141 χ^2/NDF : 87.6/4

+ sign -192.602 ± 1.293 χ^2/NDF : 2008.2/23

All: -193.621 ± 0.928 χ^2/NDF : 3918.3/47

- 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: -63.626 ± 1.539 χ^2/NDF : 482.8/6

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

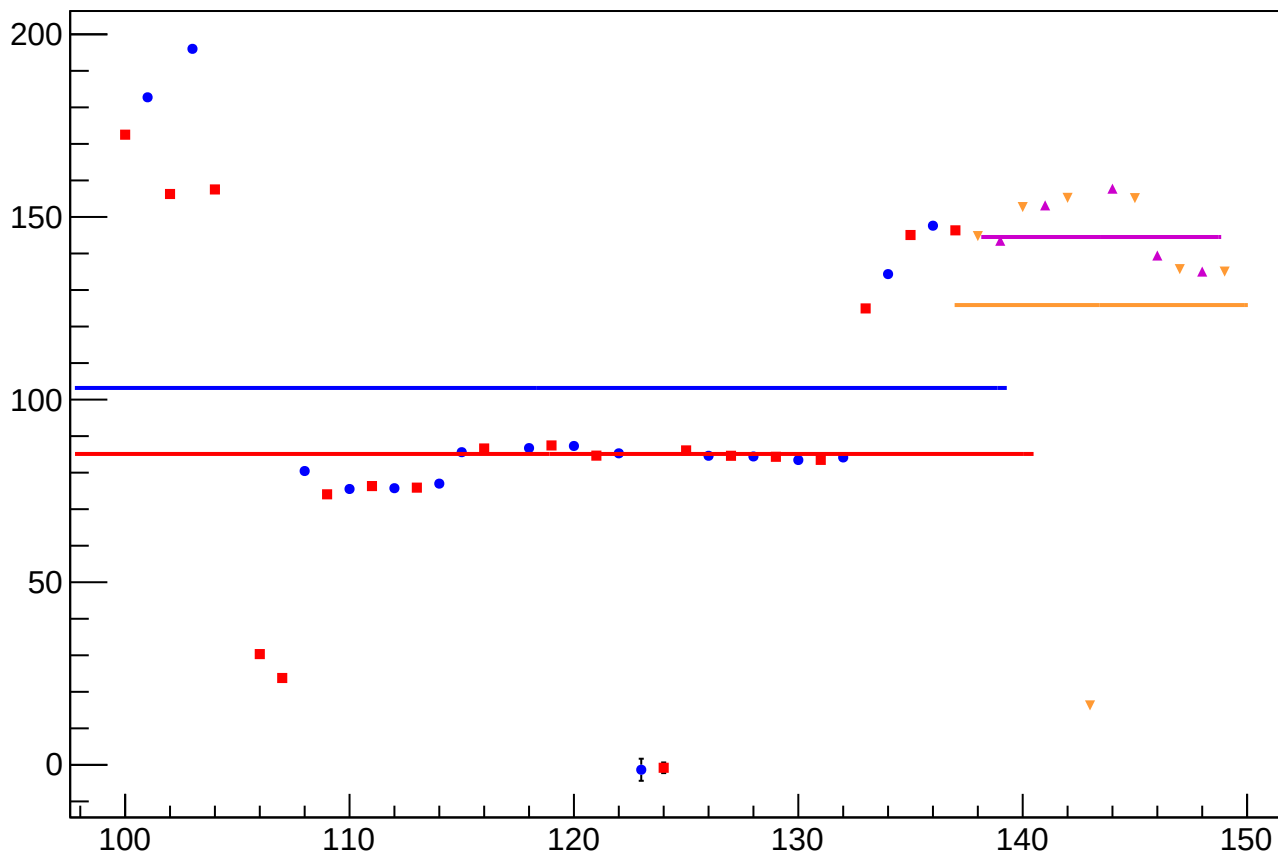
Left In: -72.870 ± 1.753 χ^2/NDF : 64.8/4

+ sign -73.257 ± 0.876 χ^2/NDF : 1199.0/23

All: -72.977 ± 0.629 χ^2/NDF : 1870.9/47

- 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: 125.882 $\pm$ 0.080 χ^2 /NDF: 335767.7/6

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

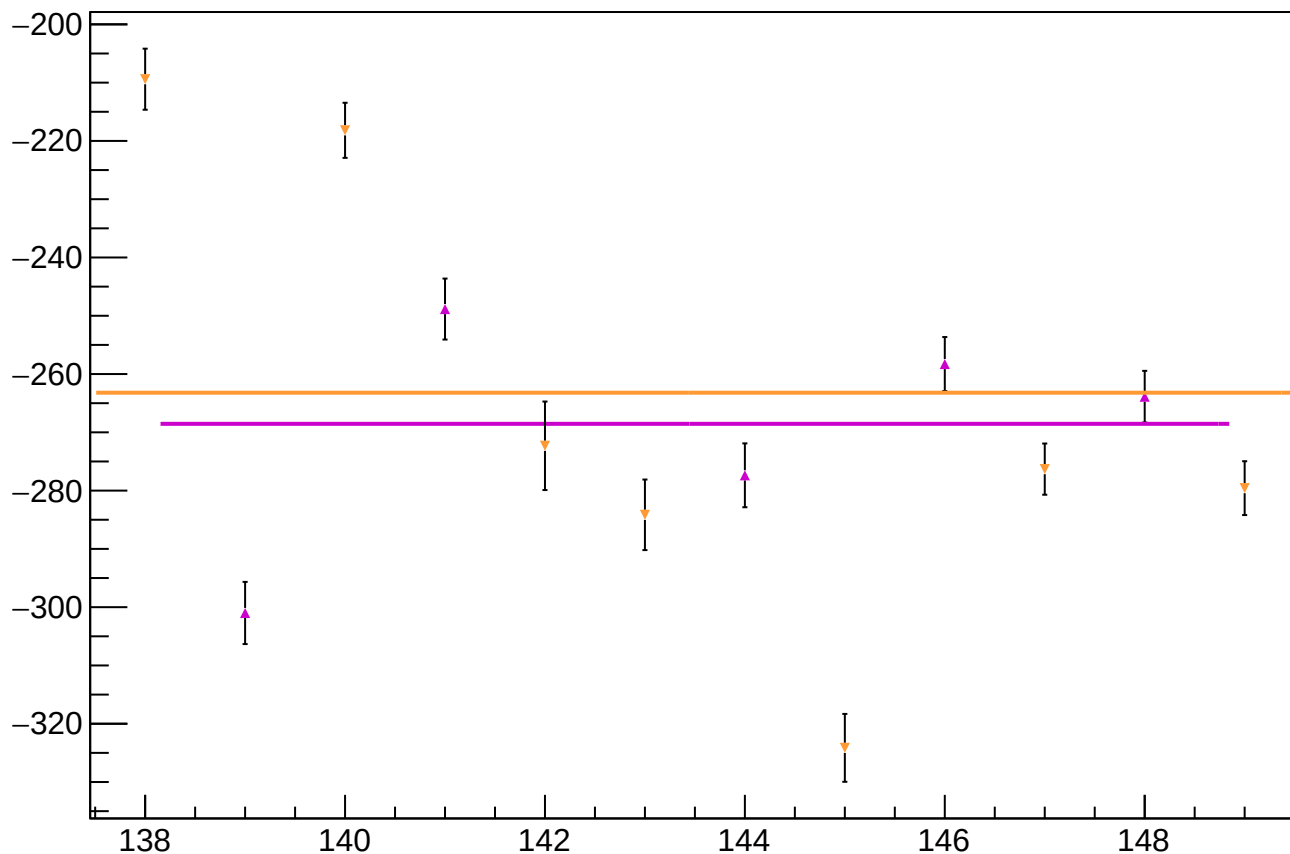
Left In: 144.514 $\pm$ 0.089 χ^2 /NDF: 8497.4/4

+ sign 113.117 $\pm$ 0.053 χ^2 /NDF: 654905.8/23

All: 109.055 $\pm$ 0.037 χ^2 /NDF: 1391134.8/47

- 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: -263.200+/-1.984 χ^2/NDF : 340.6/6

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

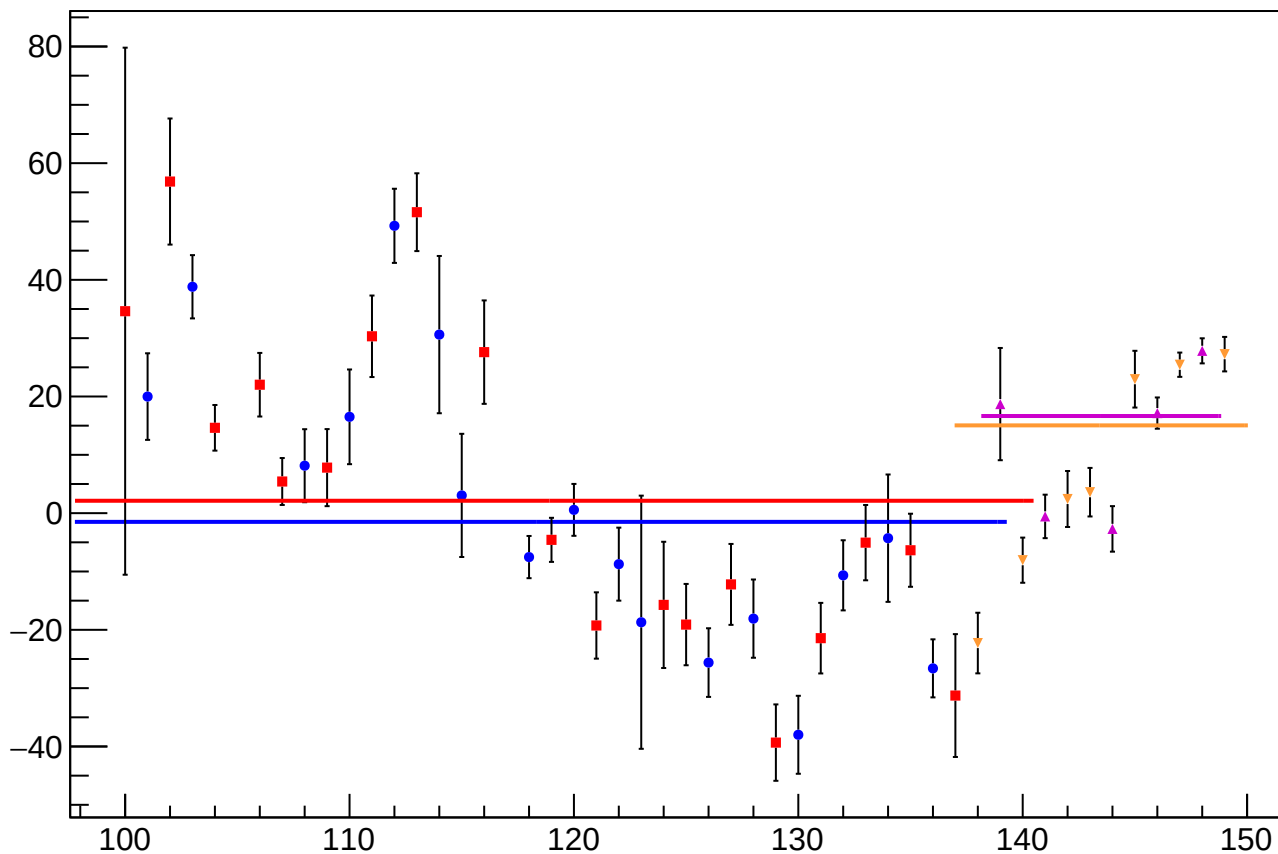
Left In: -268.542+/-2.222 χ^2/NDF : 59.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.570+/-1.480 χ^2/NDF : 403.6/11

- 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: 15.048 ± 1.299 χ^2/NDF : 146.4/6

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

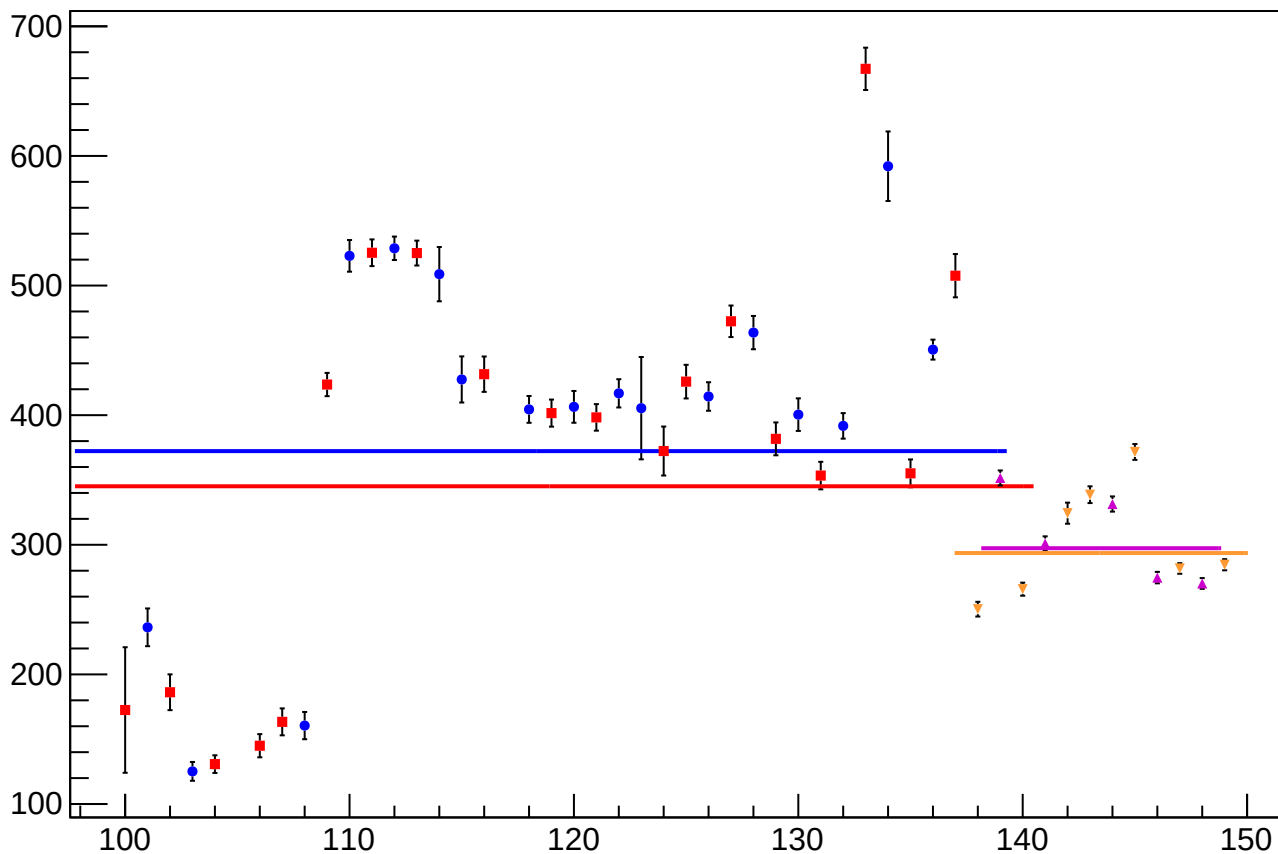
Left In: 16.655 ± 1.408 χ^2/NDF : 73.0/4

+ sign 8.030 ± 0.986 χ^2/NDF : 441.3/23

All: 8.690 ± 0.700 χ^2/NDF : 801.3/47

- 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: 293.632 $\pm$ 2.002 χ^2 /NDF: 327.4/6

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

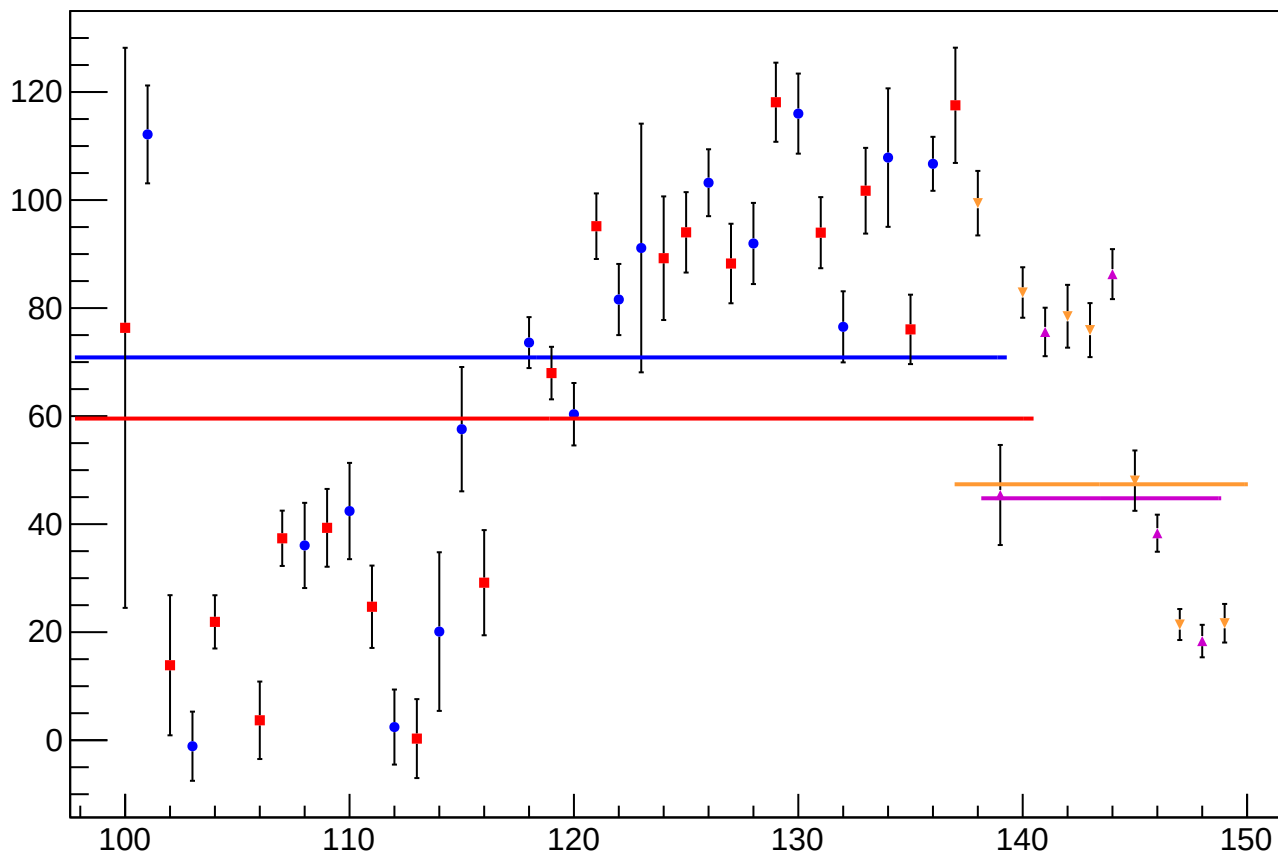
Left In: 297.355 $\pm$ 2.233 χ^2 /NDF: 191.6/4

+ sign 320.747 $\pm$ 1.620 χ^2 /NDF: 3292.5/23

All: 319.417 $\pm$ 1.167 χ^2 /NDF: 7099.7/47

- 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: 47.380 $\pm$ 1.633 χ^2 /NDF:328.5/6

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

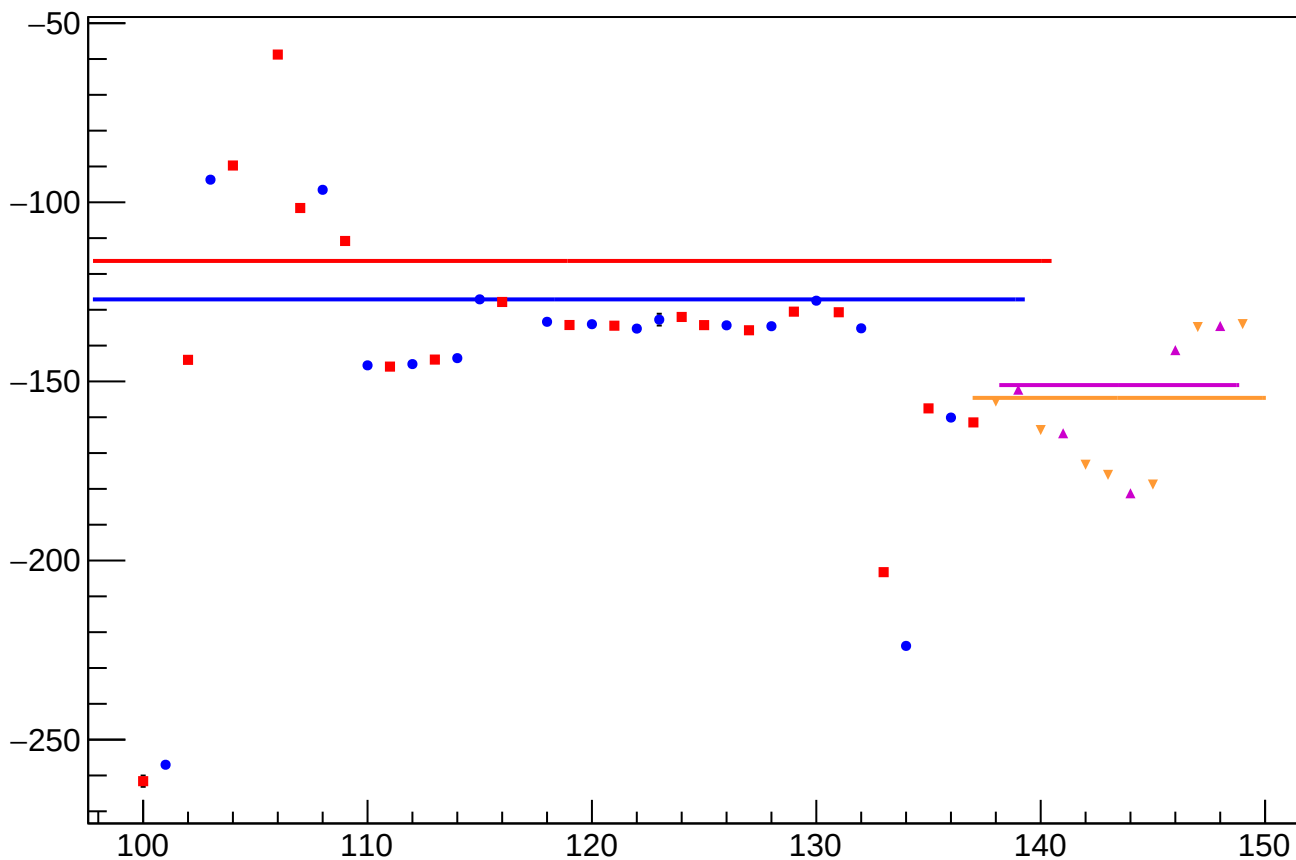
Left In: 44.787 $\pm$ 1.815 χ^2 /NDF:208.3/4

+ sign 58.358 $\pm$ 1.192 χ^2 /NDF: 852.2/23

All: 55.702 $\pm$ 0.850 χ^2 /NDF: 1598.0/47

- 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+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -154.595+/-0.085 χ^2/NDF : 44371.5/6

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

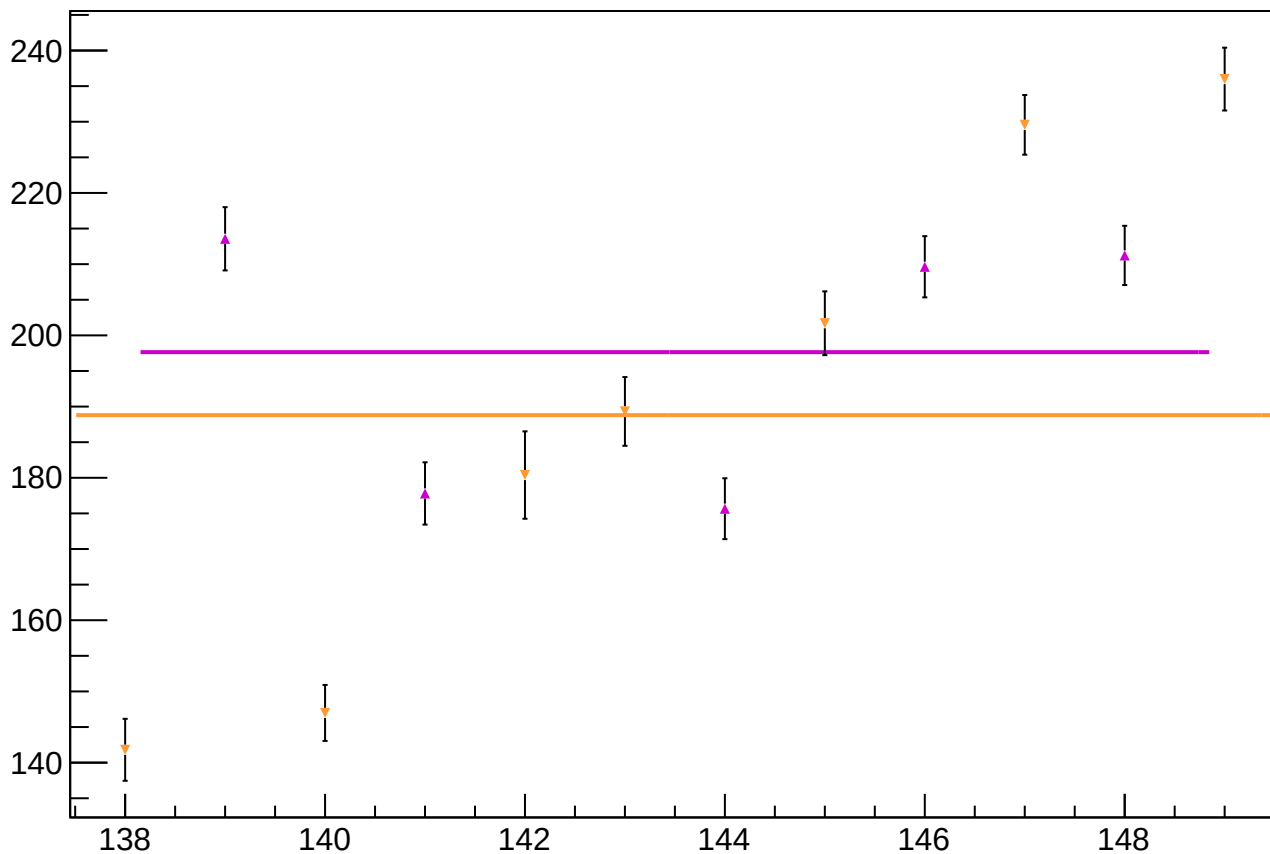
Left In: -151.023+/-0.093 χ^2/NDF : 28341.7/4

+ sign -141.471+/-0.062 χ^2/NDF : 260814.7/23

All: -136.575+/-0.044 χ^2/NDF : 546333.6/47

- sign -131.644+/-0.062 χ^2/NDF : 272917.6/23

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 188.801+/-1.702 χ^2/NDF : 449.1/6

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

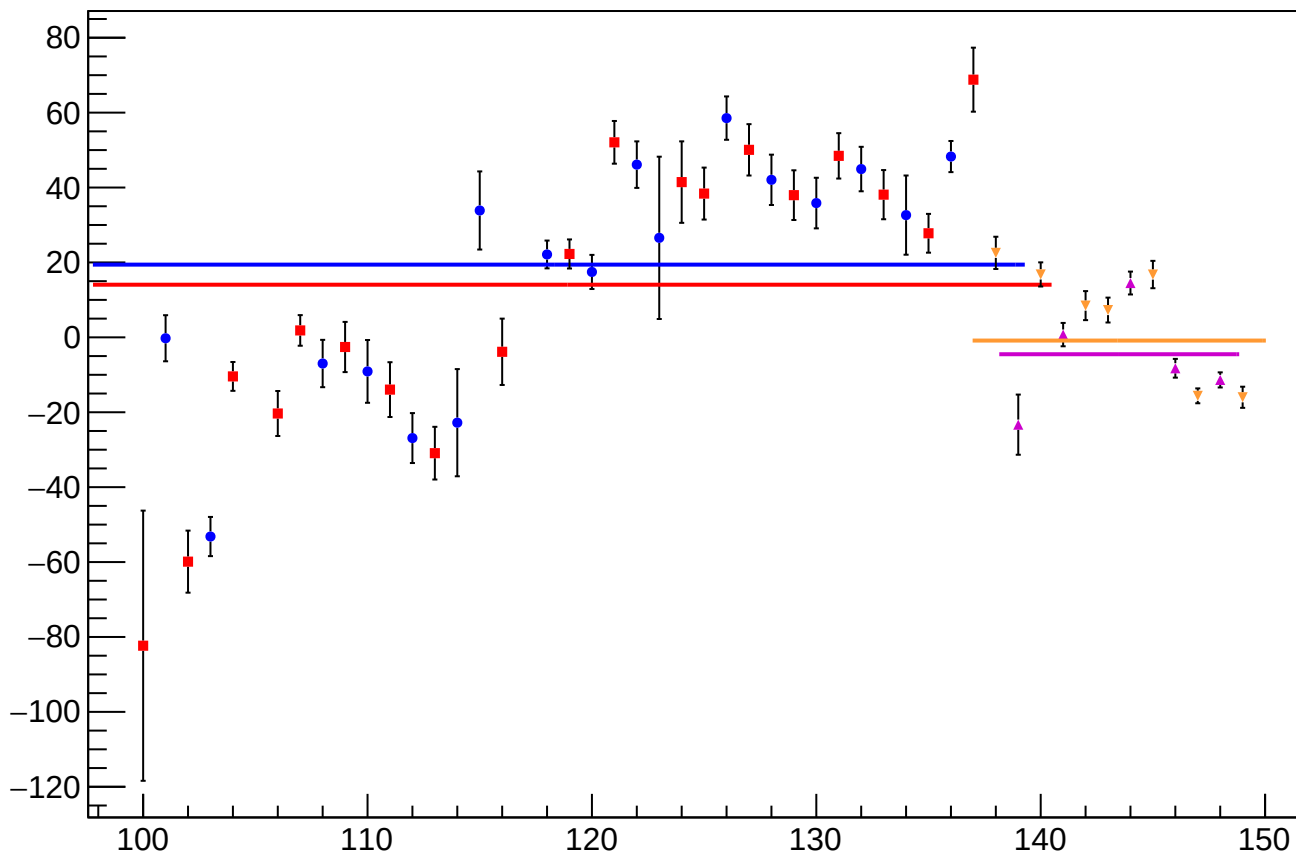
Left In: 197.646+/-1.926 χ^2/NDF : 78.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.680+/-1.275 χ^2/NDF : 539.3/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 +/- 1.480 χ^2/NDF : 441.1/16

Left Out: -0.858 +/- 1.146 χ^2/NDF : 178.7/6

Right Out: 14.055 +/- 1.392 χ^2/NDF : 436.5/18

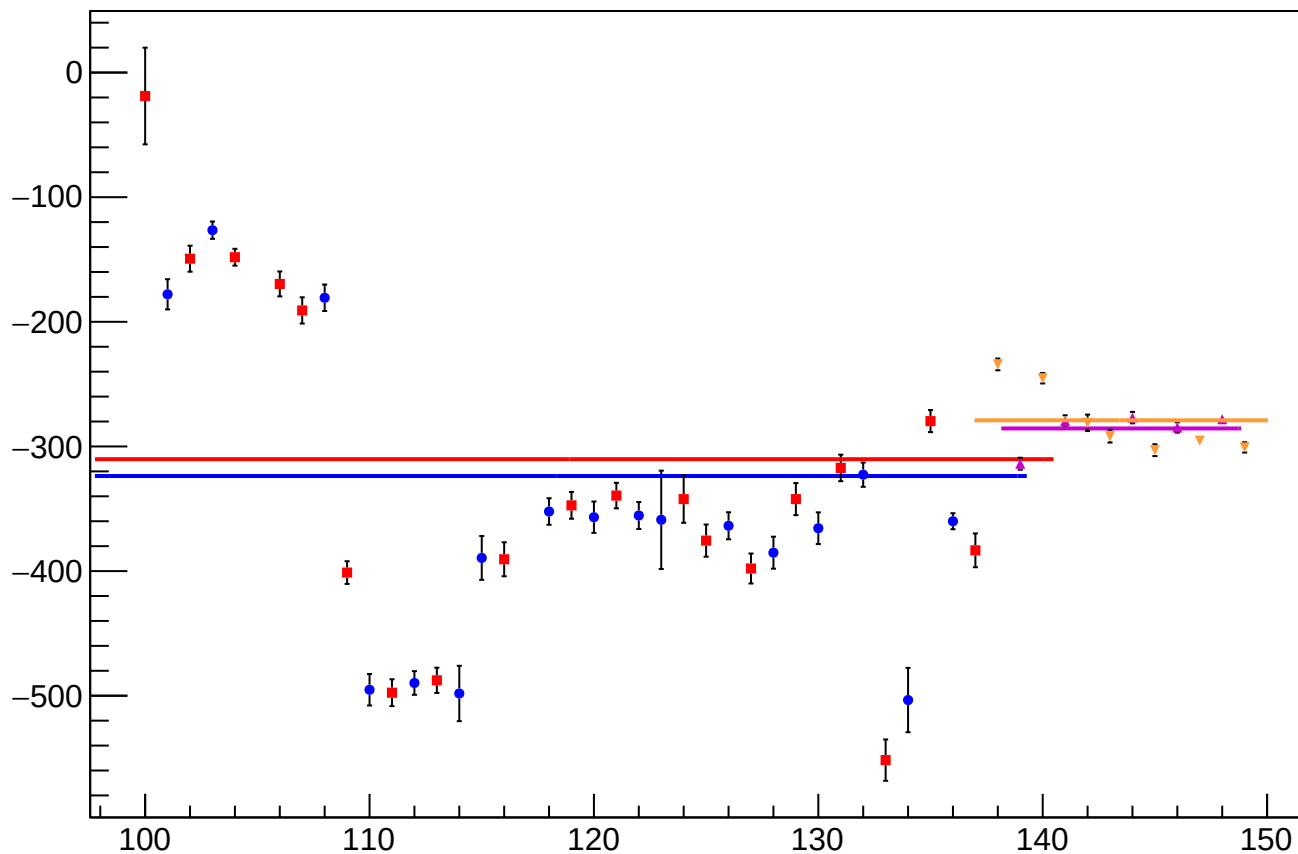
Left In: -4.507 +/- 1.259 χ^2/NDF : 60.8/4

+ sign 6.742 +/- 0.906 χ^2/NDF : 737.1/23

All: 5.337 +/- 0.650 χ^2/NDF : 1337.3/47

- 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 χ^2/NDF : 1850.8/16

Left Out: -278.998 ± 1.737 χ^2/NDF : 232.5/6

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

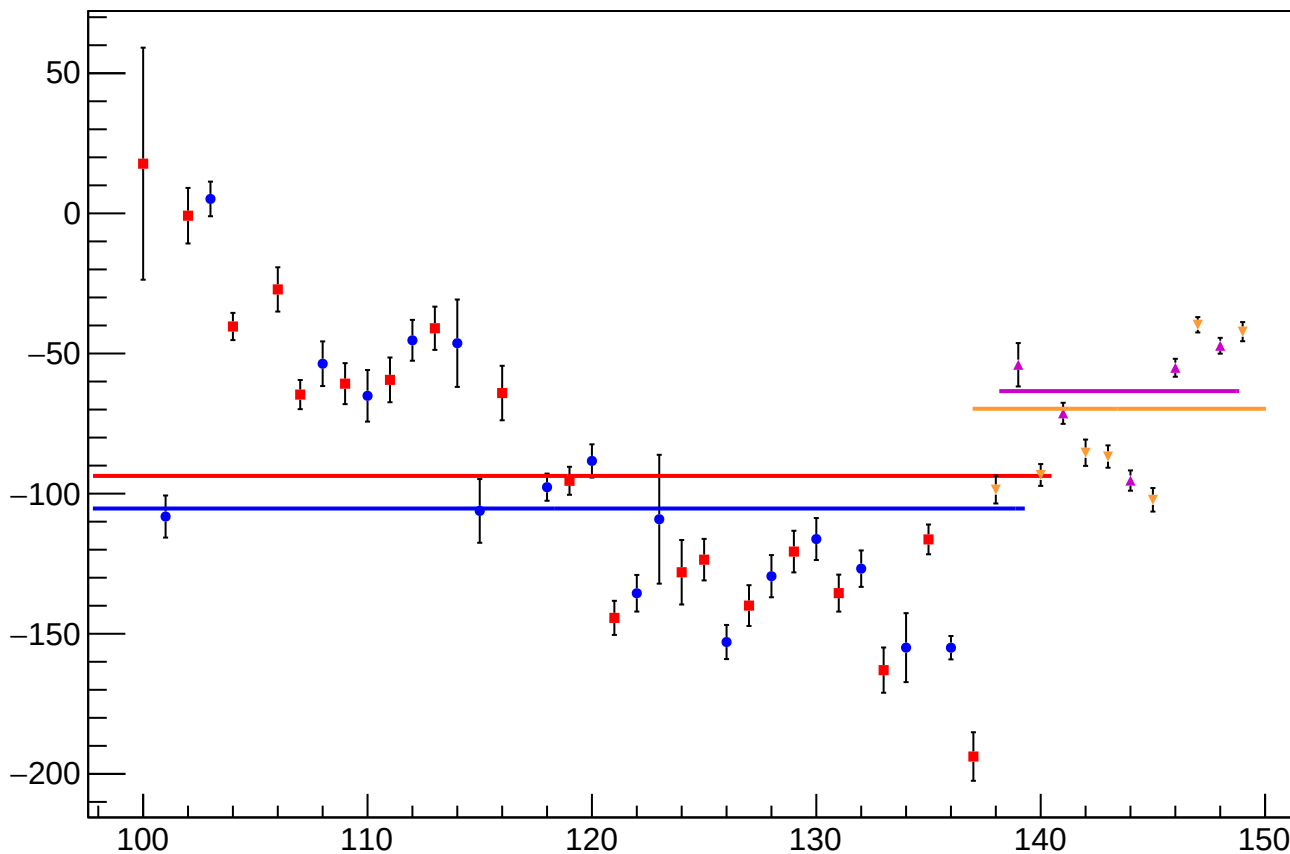
Left In: -285.553 ± 1.952 χ^2/NDF : 43.5/4

+ sign -292.313 ± 1.456 χ^2/NDF : 2280.6/23

All: -293.480 ± 1.059 χ^2/NDF : 4685.3/47

- sign -294.792 ± 1.544 χ^2/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: -69.716 ± 1.427 χ^2/NDF : 344.7/6

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

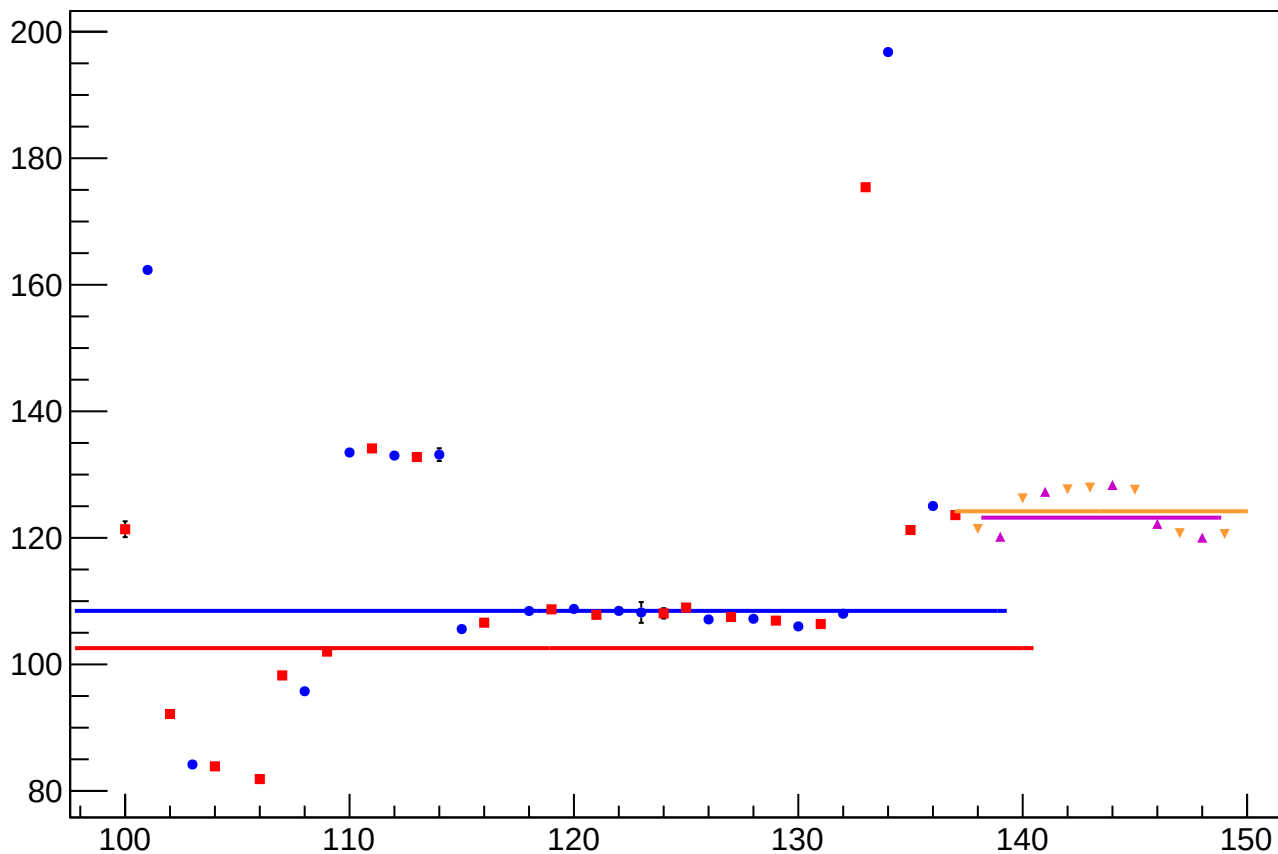
Left In: -63.413 ± 1.607 χ^2/NDF : 123.3/4

+ sign -84.500 ± 1.091 χ^2/NDF : 1340.5/23

All: -81.628 ± 0.788 χ^2/NDF : 2481.7/47

- 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: 124.208 $\pm$ 0.073 χ^2 /NDF:1932.4/6

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

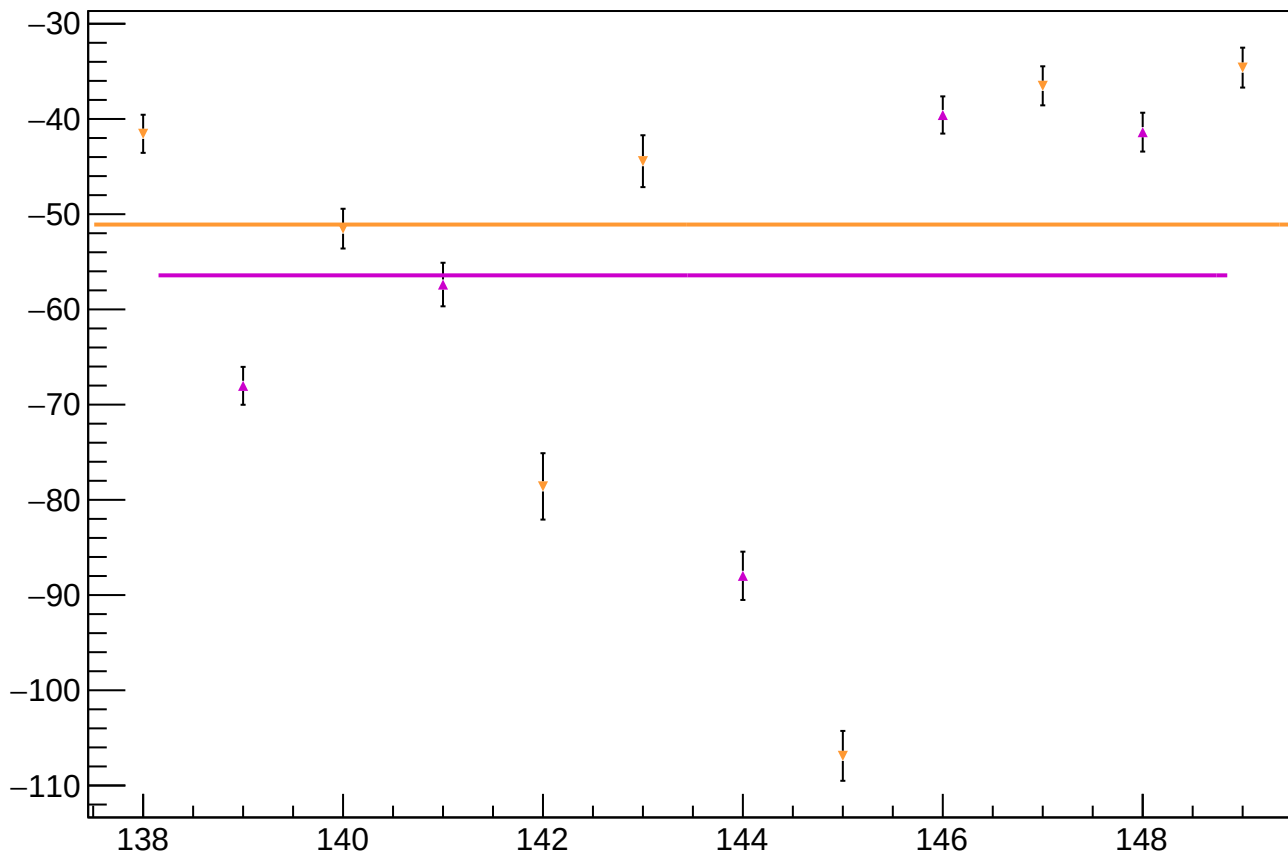
Left In: 123.195 $\pm$ 0.081 χ^2 /NDF:1842.0/4

+ sign 117.450 $\pm$ 0.056 χ^2 /NDF: 94956.3/23

All: 115.109 $\pm$ 0.040 χ^2 /NDF: 186538.8/47

- 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: -51.088+/-0.874 χ^2/NDF : 657.2/6

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

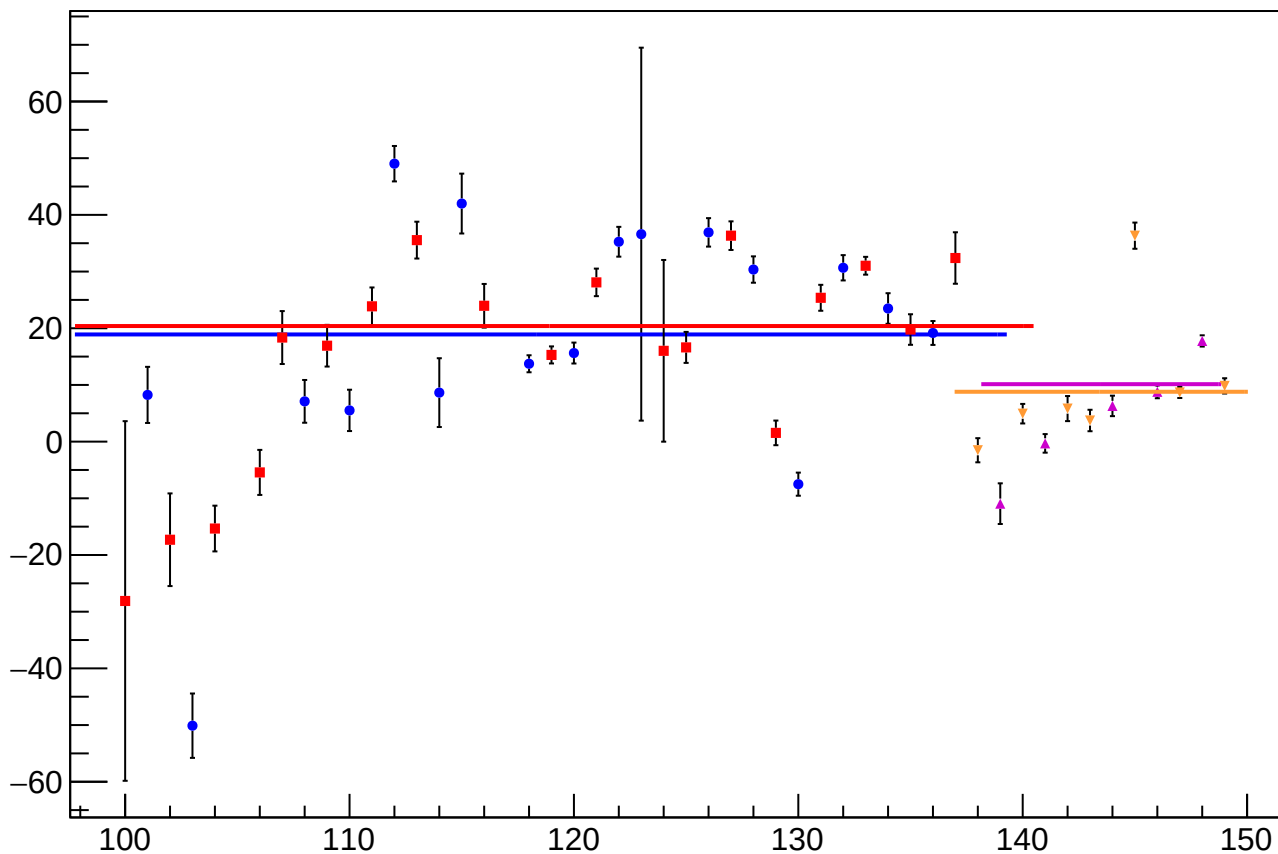
Left In: -56.423+/-0.953 χ^2/NDF : 317.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.527+/-0.644 χ^2/NDF : 991.9/11

- 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: 8.795 ± 0.594 χ^2/NDF : 180.1/6

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

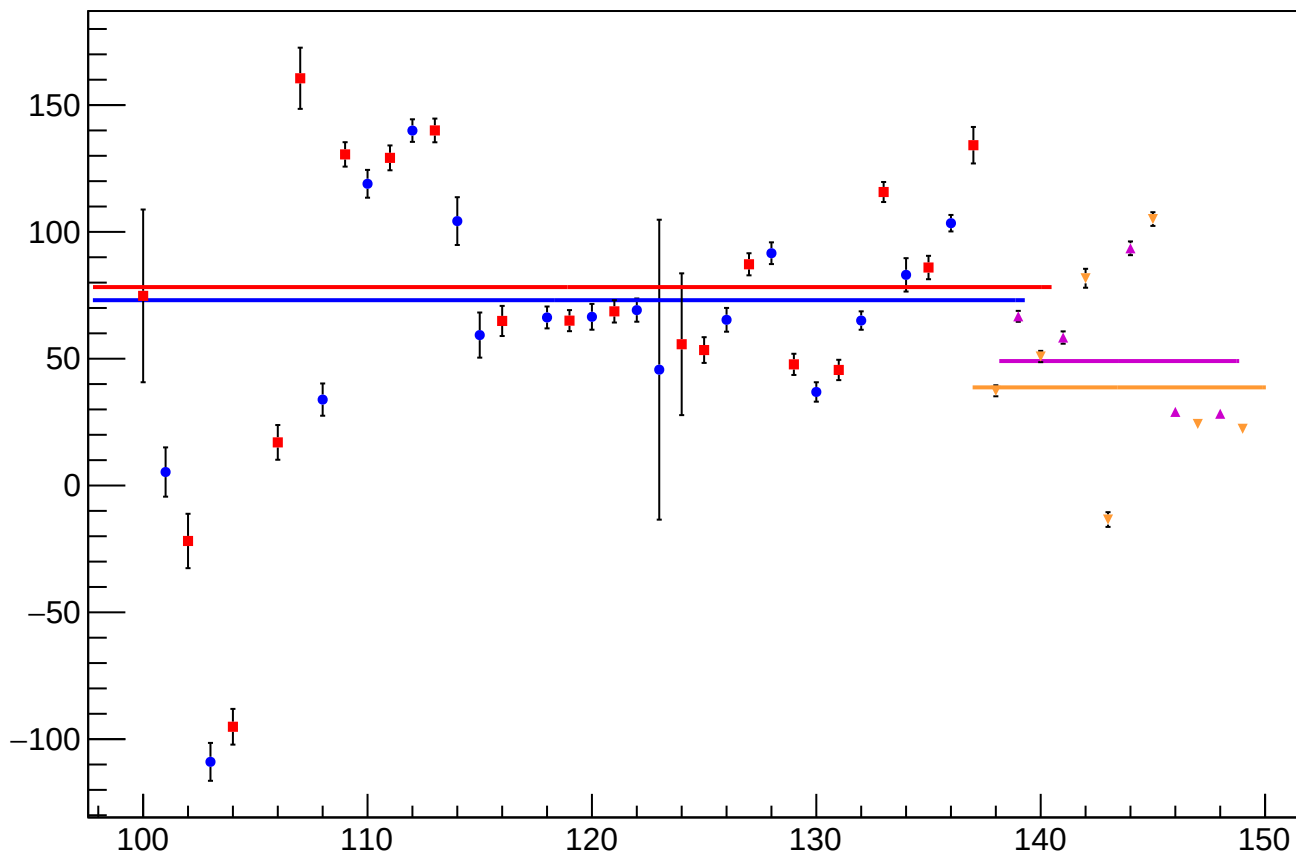
Left In: 10.134 ± 0.627 χ^2/NDF : 140.1/4

+ sign 13.449 ± 0.437 χ^2/NDF : 932.3/23

All: 14.264 ± 0.313 χ^2/NDF : 1575.1/47

- sign 15.127 ± 0.449 χ^2/NDF : 635.6/23

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 38.695 $\pm$ 0.886 χ^2 /NDF:1213.1/6

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

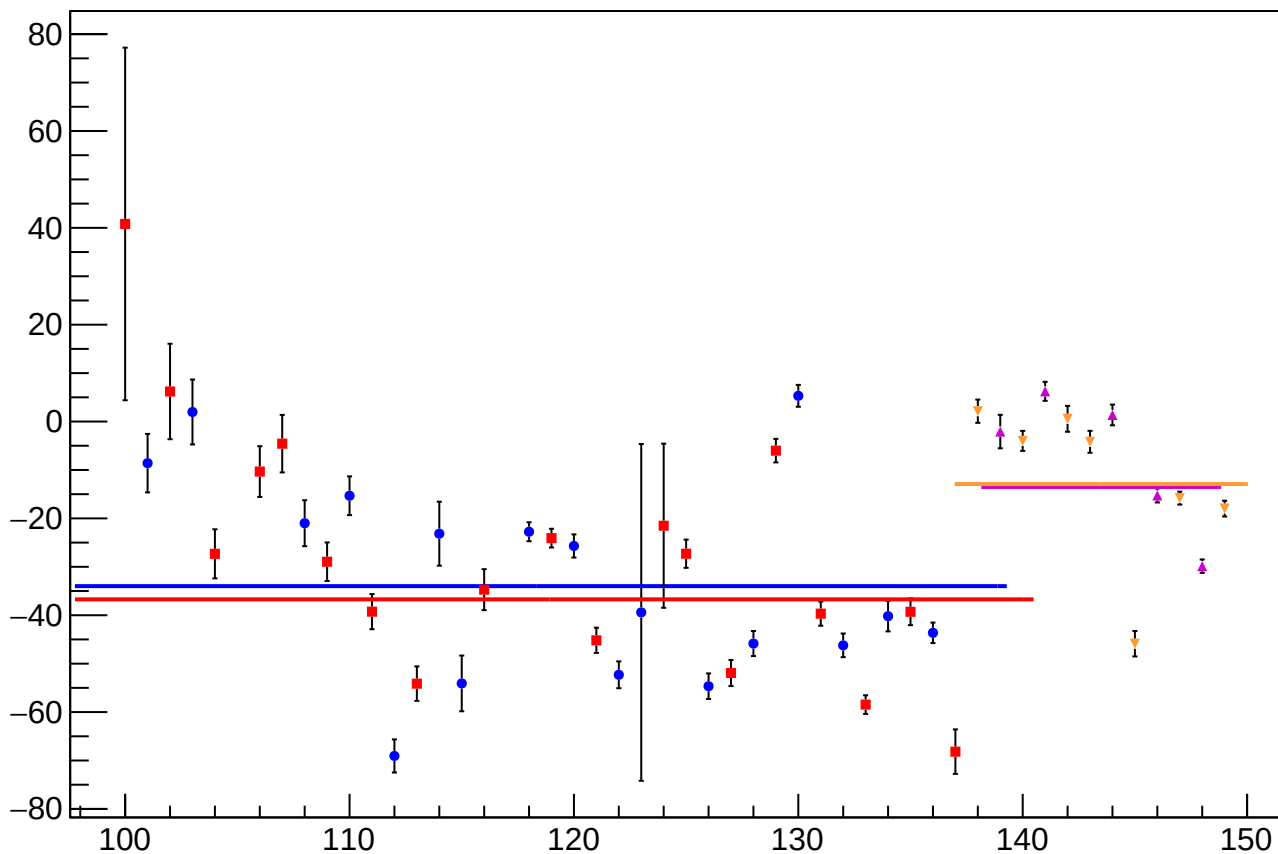
Left In: 49.073 $\pm$ 0.962 χ^2 /NDF:583.4/4

+ sign 50.461 $\pm$ 0.718 χ^2 /NDF: 2928.6/23

All: 55.095 $\pm$ 0.521 χ^2 /NDF: 5493.8/47

- sign 60.230 $\pm$ 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: -12.915 ± 0.741 χ^2/NDF : 269.6/6

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

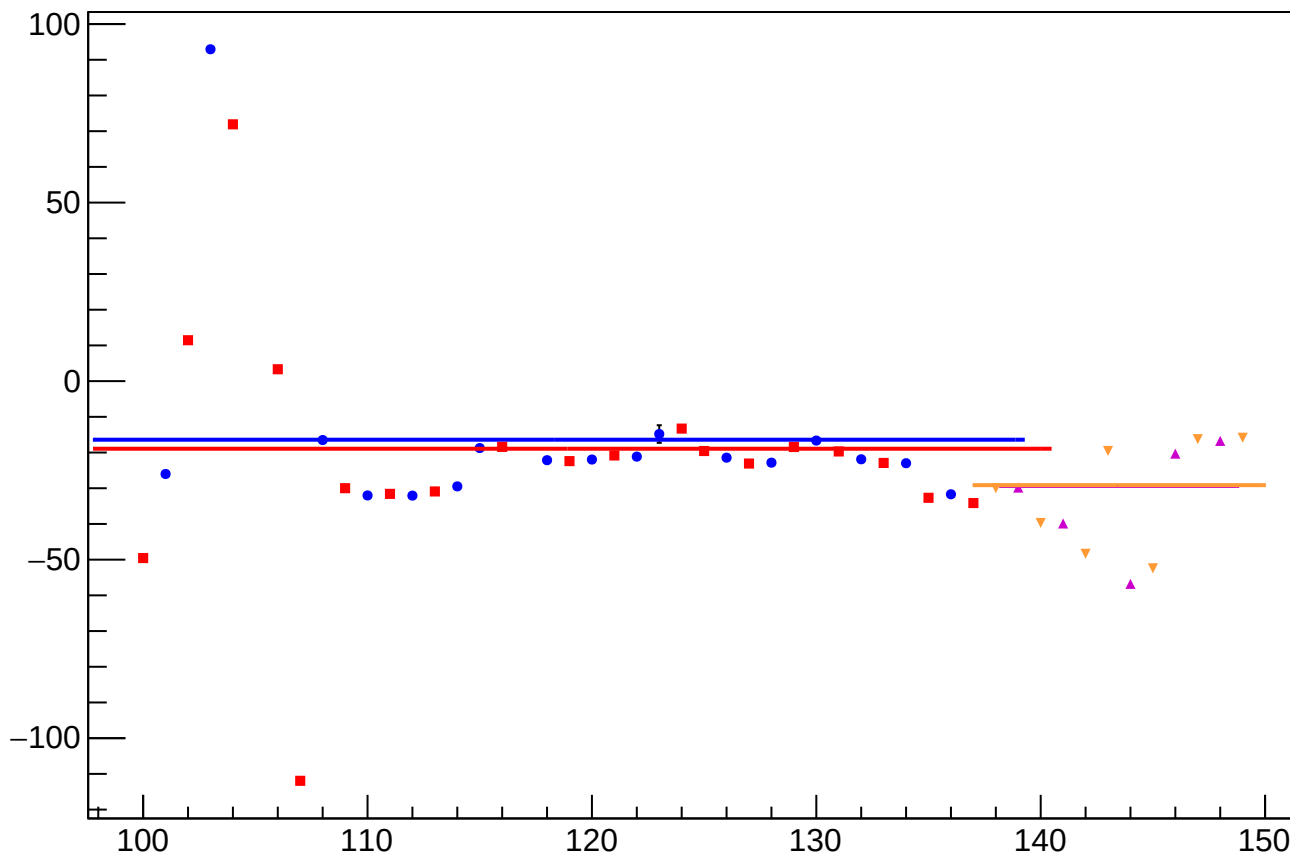
Left In: -13.508 ± 0.803 χ^2/NDF : 300.4/4

+ sign -23.521 ± 0.522 χ^2/NDF : 1396.5/23

All: -24.767 ± 0.376 χ^2/NDF : 2705.1/47

- 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: -29.136 ± 0.037 $\chi^2/\text{NDF}: 127475.6/6$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

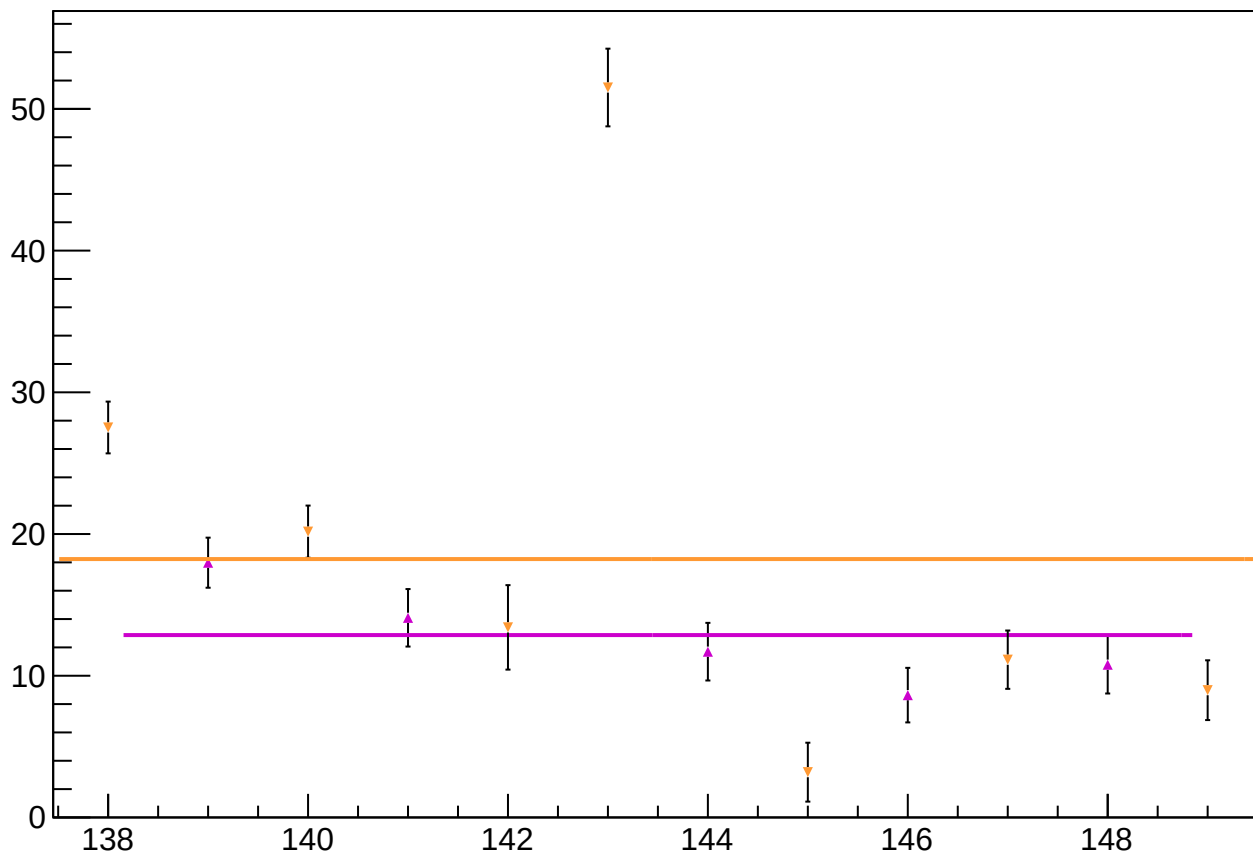
Left In: -29.361 ± 0.040 $\chi^2/\text{NDF}: 99546.1/4$

+ sign -23.853 ± 0.029 $\chi^2/\text{NDF}: 649871.8/23$

All: -24.315 ± 0.021 $\chi^2/\text{NDF}: 1214095.6/47$

- 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: 18.233+/-0.808 χ^2/NDF : 260.4/6

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

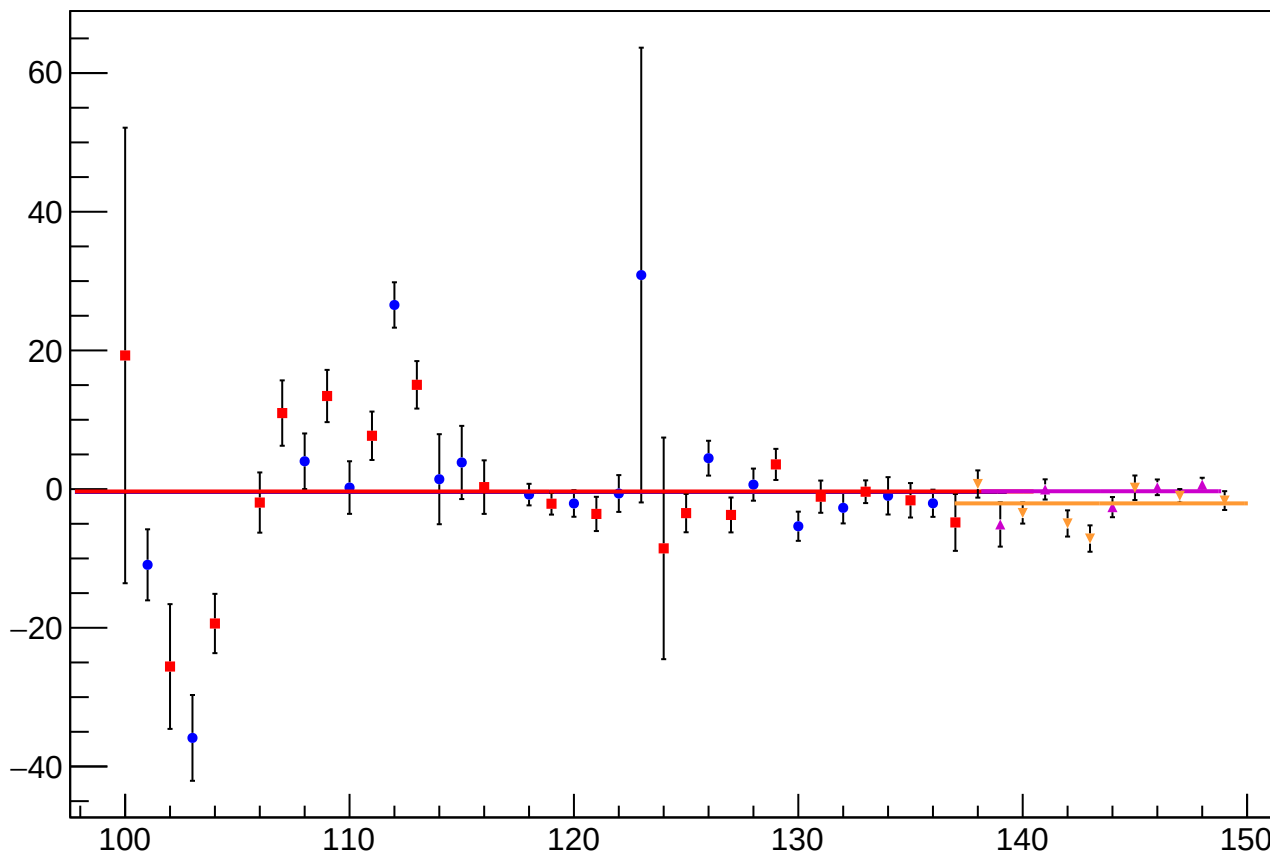
Left In: 12.870+/-0.871 χ^2/NDF : 15.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.755+/-0.592 χ^2/NDF : 295.7/11

- 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: -2.058 ± 0.563 χ^2/NDF : 15.3/6

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

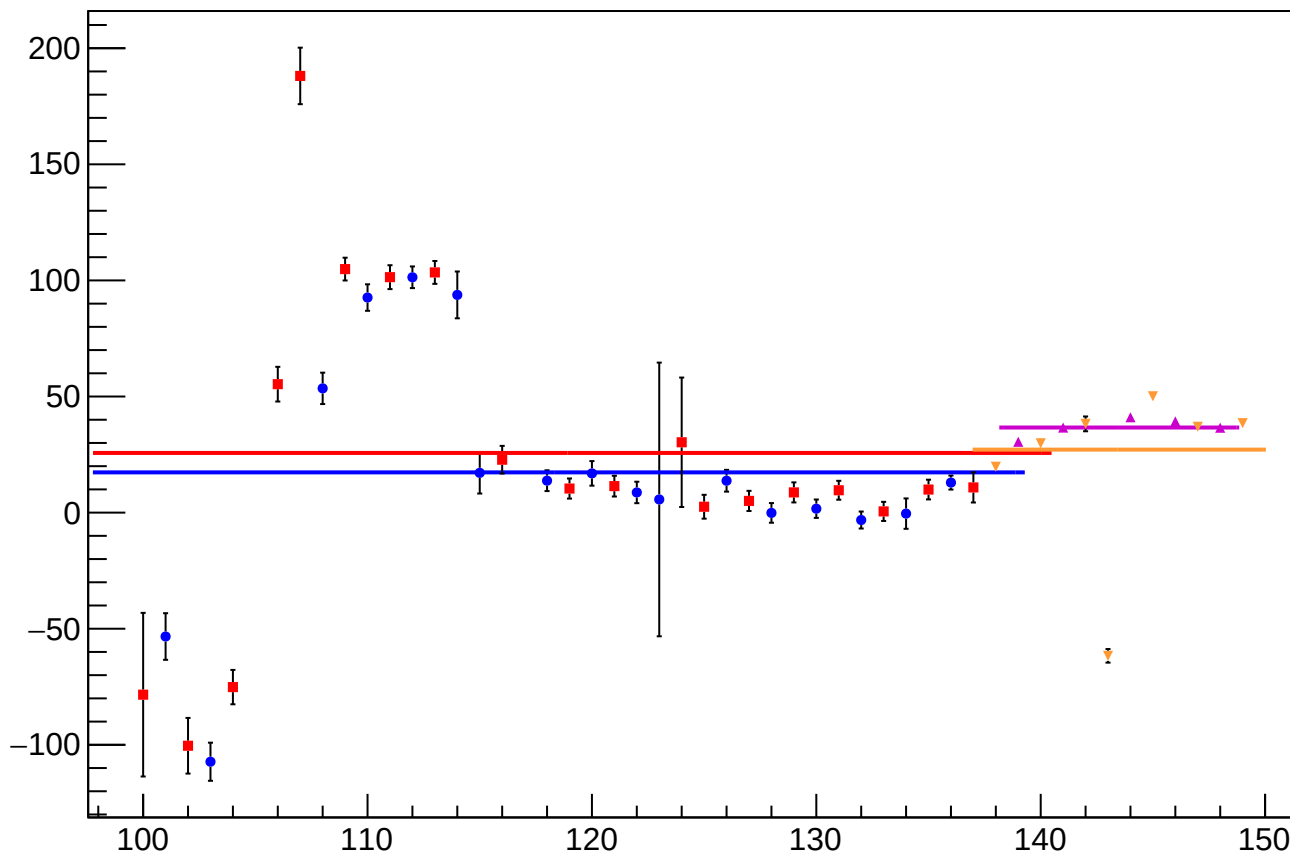
Left In: -0.308 ± 0.593 χ^2/NDF : 5.9/4

+ sign -1.357 ± 0.426 χ^2/NDF : 138.8/23

All: -0.857 ± 0.306 χ^2/NDF : 231.3/47

- sign -0.323 ± 0.440 χ^2/NDF : 89.6/23

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328 ± 1.239 $\chi^2/\text{NDF}: 943.2/16$

Left Out: 27.130 ± 0.825 $\chi^2/\text{NDF}: 1119.8/6$

Right Out: 25.701 ± 1.243 $\chi^2/\text{NDF}: 1379.1/18$

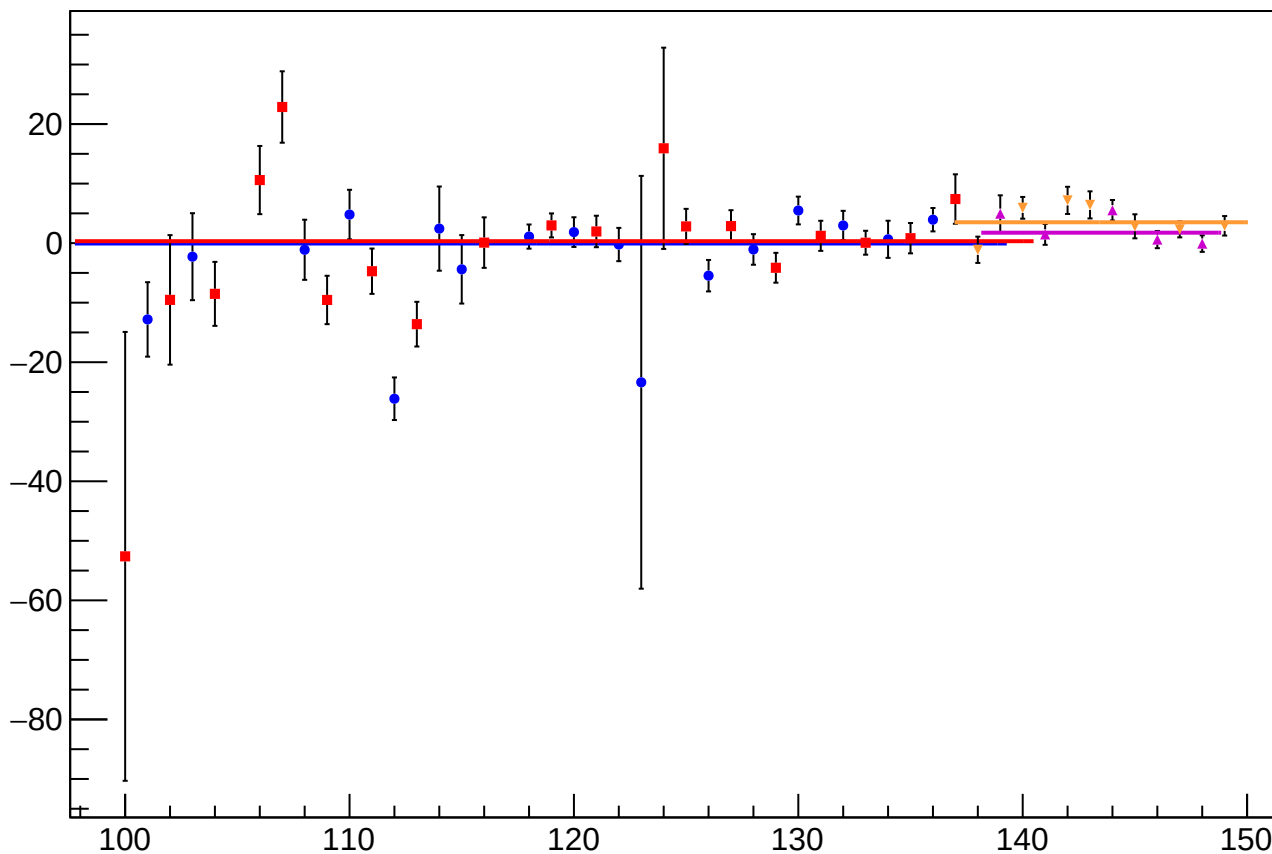
Left In: 36.651 ± 0.887 $\chi^2/\text{NDF}: 16.5/4$

+ sign 24.118 ± 0.687 $\chi^2/\text{NDF}: 2106.3/23$

All: 28.313 ± 0.498 $\chi^2/\text{NDF}: 3631.9/47$

- sign 32.953 ± 0.722 $\chi^2/\text{NDF}: 1447.0/23$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 3.505 ± 0.697 χ^2/NDF : 11.4/6

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

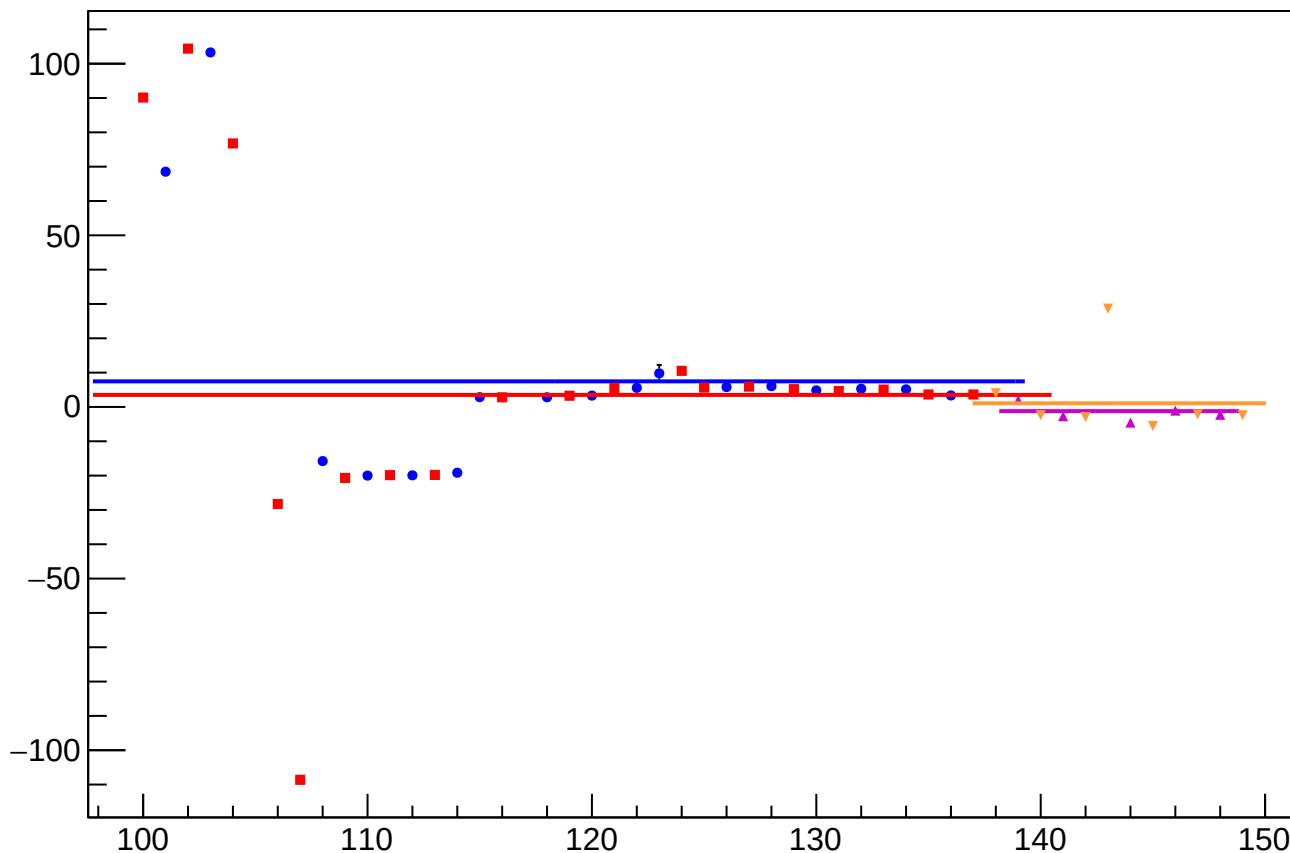
Left In: 1.754 ± 0.751 χ^2/NDF : 8.3/4

+ sign 1.839 ± 0.508 χ^2/NDF : 100.2/23

All: 1.456 ± 0.367 χ^2/NDF : 166.6/47

- 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: 1.062 ± 0.035 $\chi^2/\text{NDF}: 68492.5/6$

Right Out: 3.502 ± 0.046 $\chi^2/\text{NDF}: 510579.7/18$

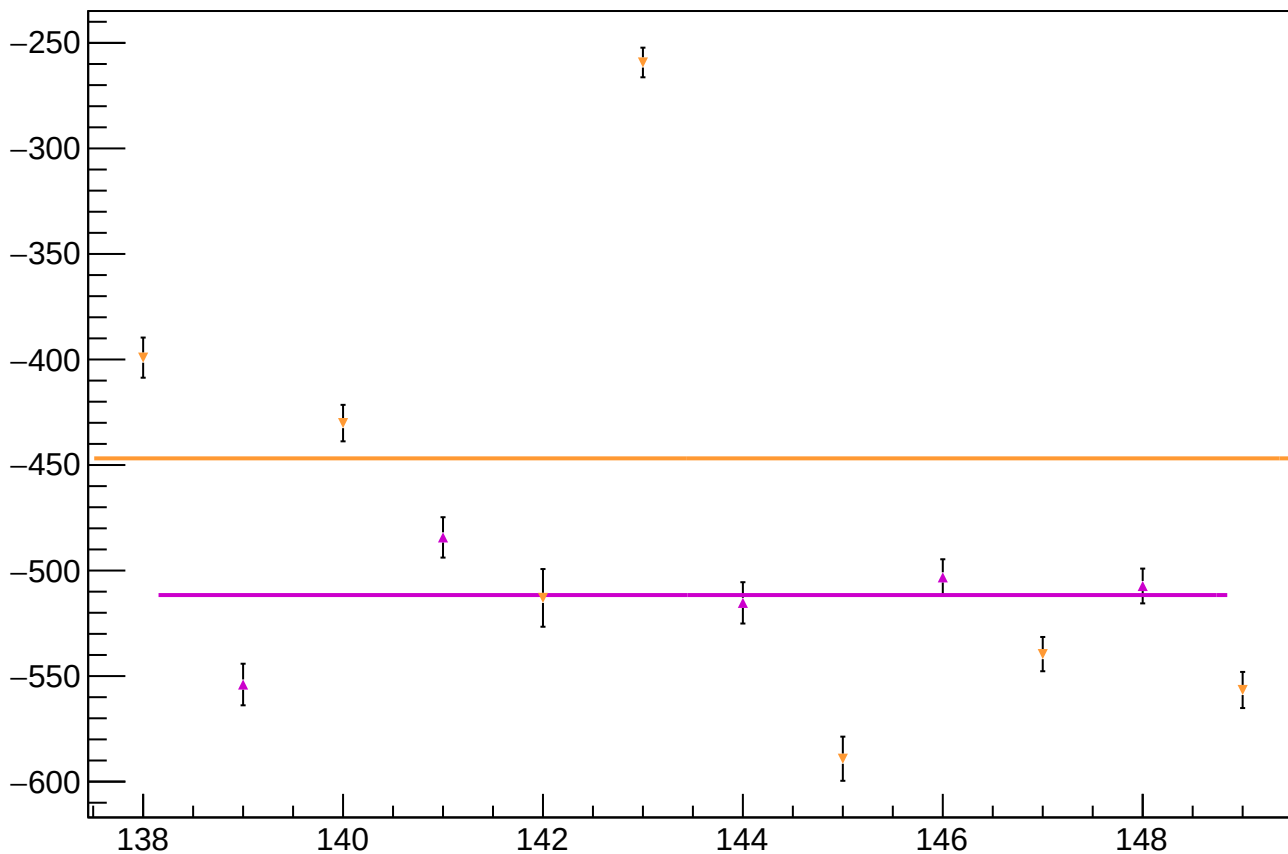
Left In: -1.212 ± 0.036 $\chi^2/\text{NDF}: 3970.7/4$

+ sign 3.473 ± 0.027 $\chi^2/\text{NDF}: 437443.3/23$

All: 2.113 ± 0.020 $\chi^2/\text{NDF}: 963714.6/47$

- 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: -446.847+/-3.370 χ^2/NDF : 1246.5/6

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

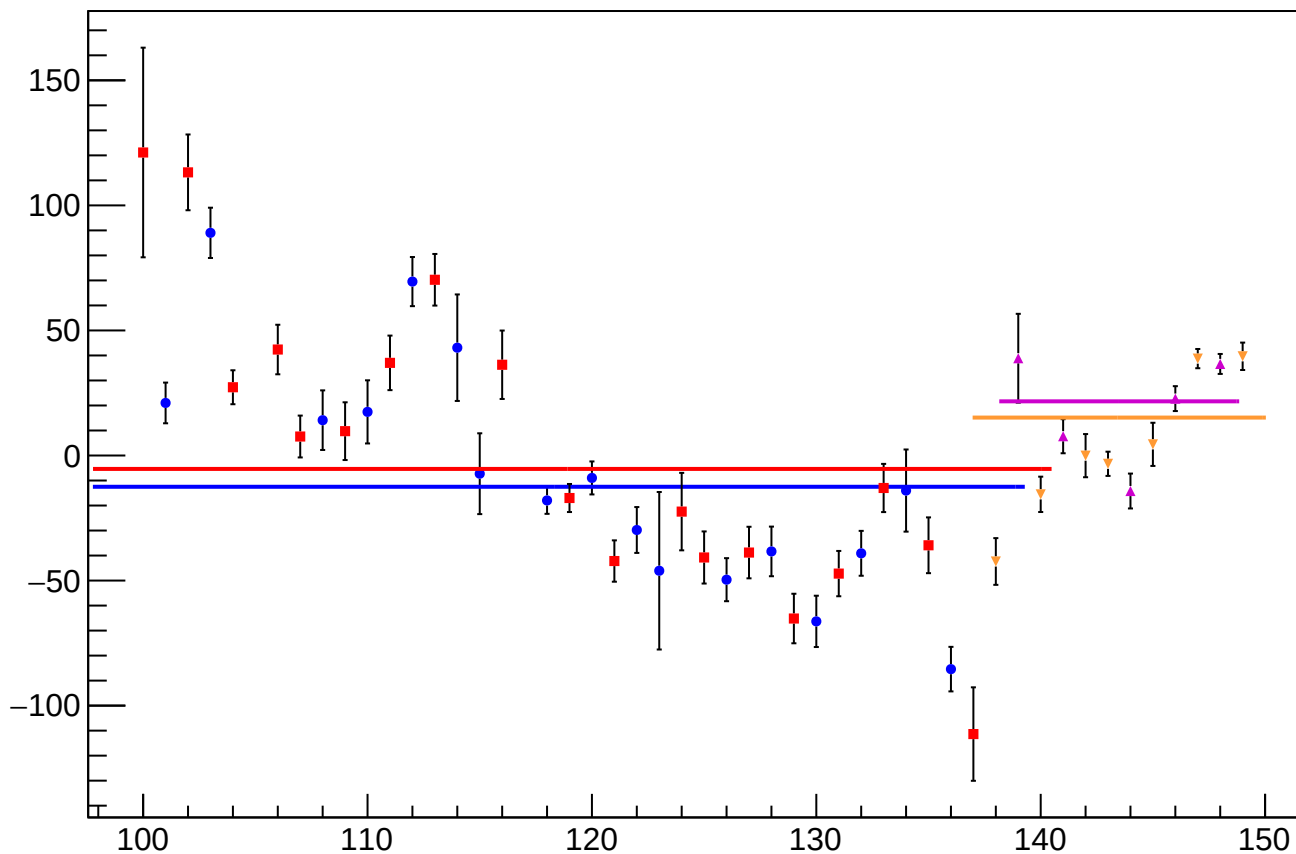
Left In: -511.610+/-4.083 χ^2/NDF : 28.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.090+/-2.599 χ^2/NDF : 1424.2/11

- 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: 15.166 ± 2.225 χ^2/NDF : 133.6/6

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

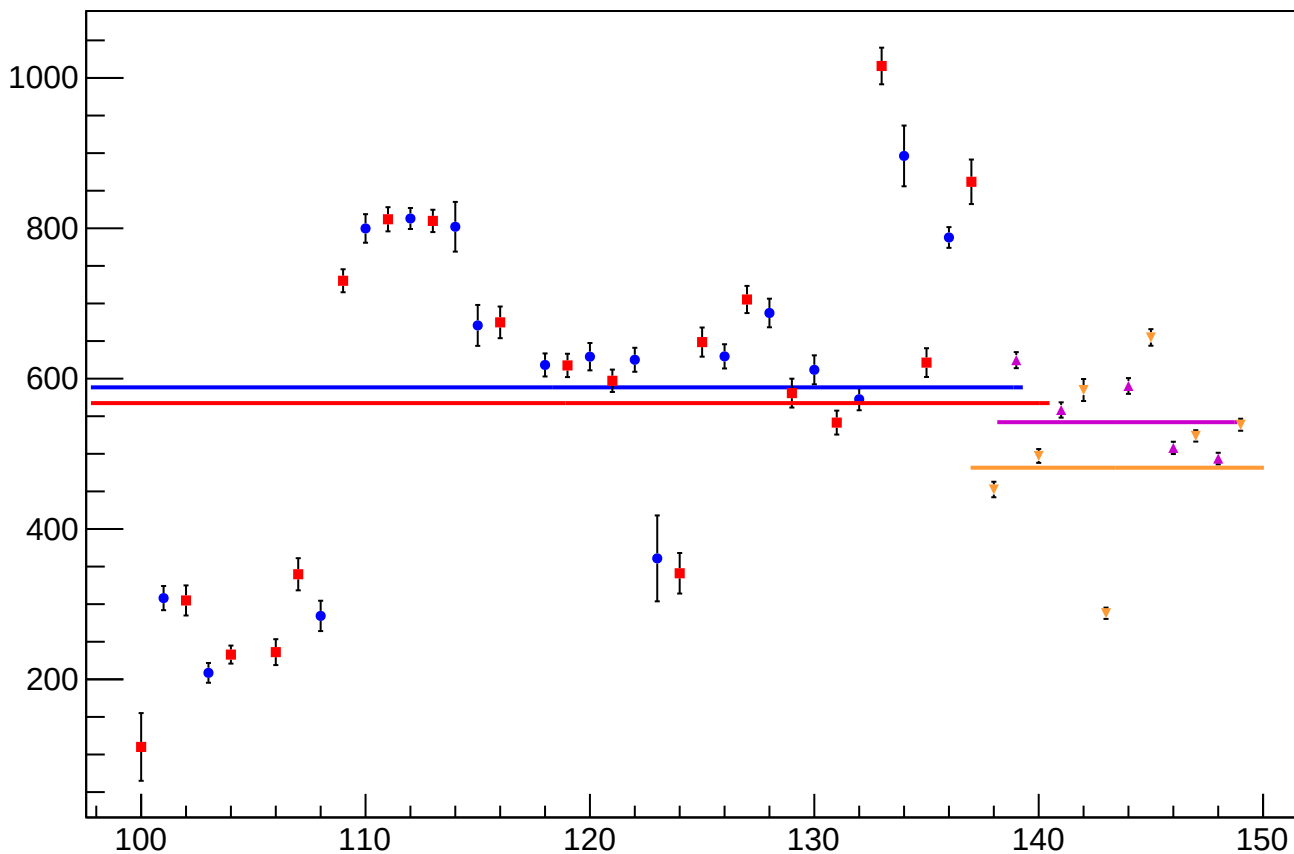
Left In: 21.657 ± 2.595 χ^2/NDF : 45.6/4

+ sign 1.854 ± 1.603 χ^2/NDF : 549.0/23

All: 3.945 ± 1.168 χ^2/NDF : 1004.4/47

- sign 6.315 ± 1.706 χ^2/NDF : 451.8/23

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 481.504+/-3.431 χ^2/NDF :1058.3/6

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

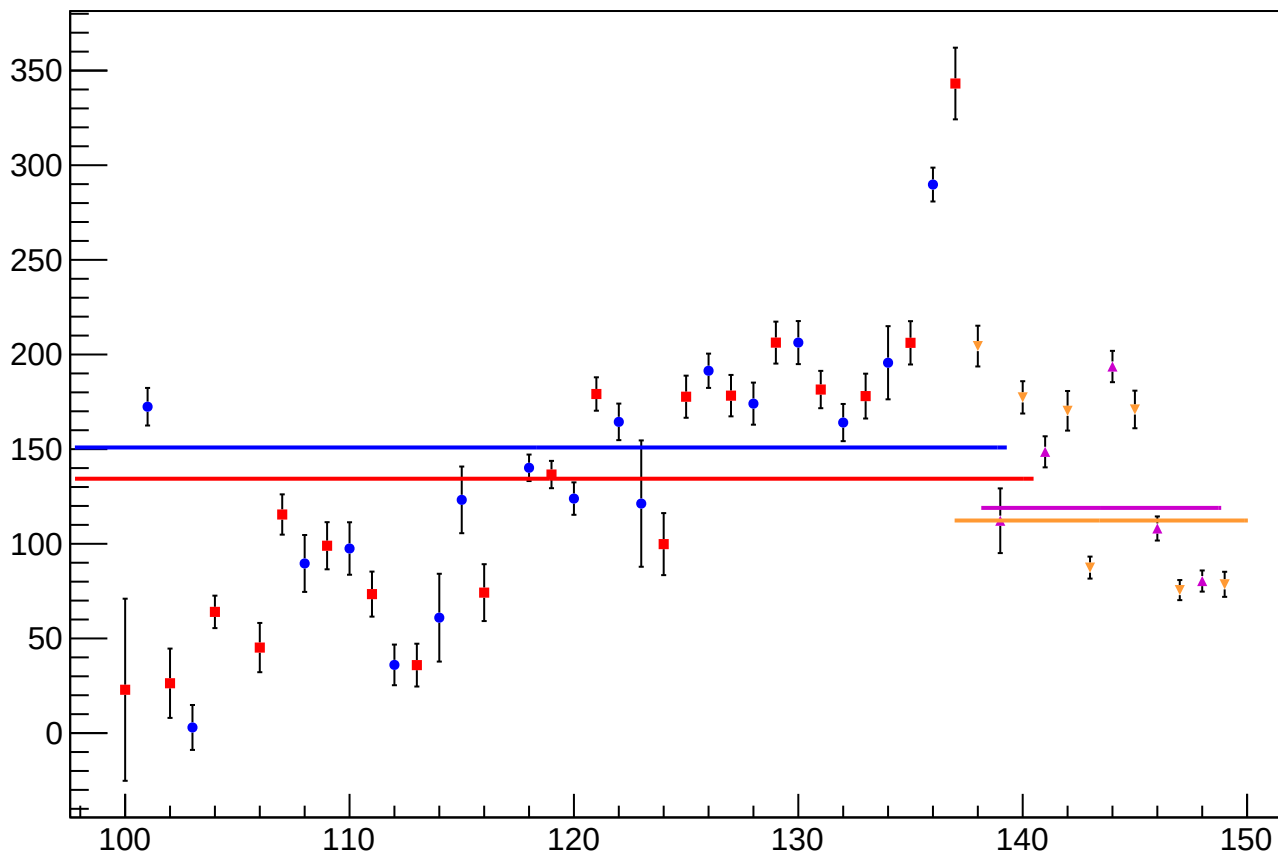
Left In: 542.086+/-4.108 χ^2/NDF :140.3/4

+ sign 522.854+/-2.687 χ^2/NDF : 3564.0/23

All: 537.472+/-1.976 χ^2/NDF : 6572.5/47

- sign 554.681+/-2.915 χ^2/NDF : 2944.1/23

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 112.305 ± 2.778 $\chi^2/\text{NDF}: 289.2/6$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

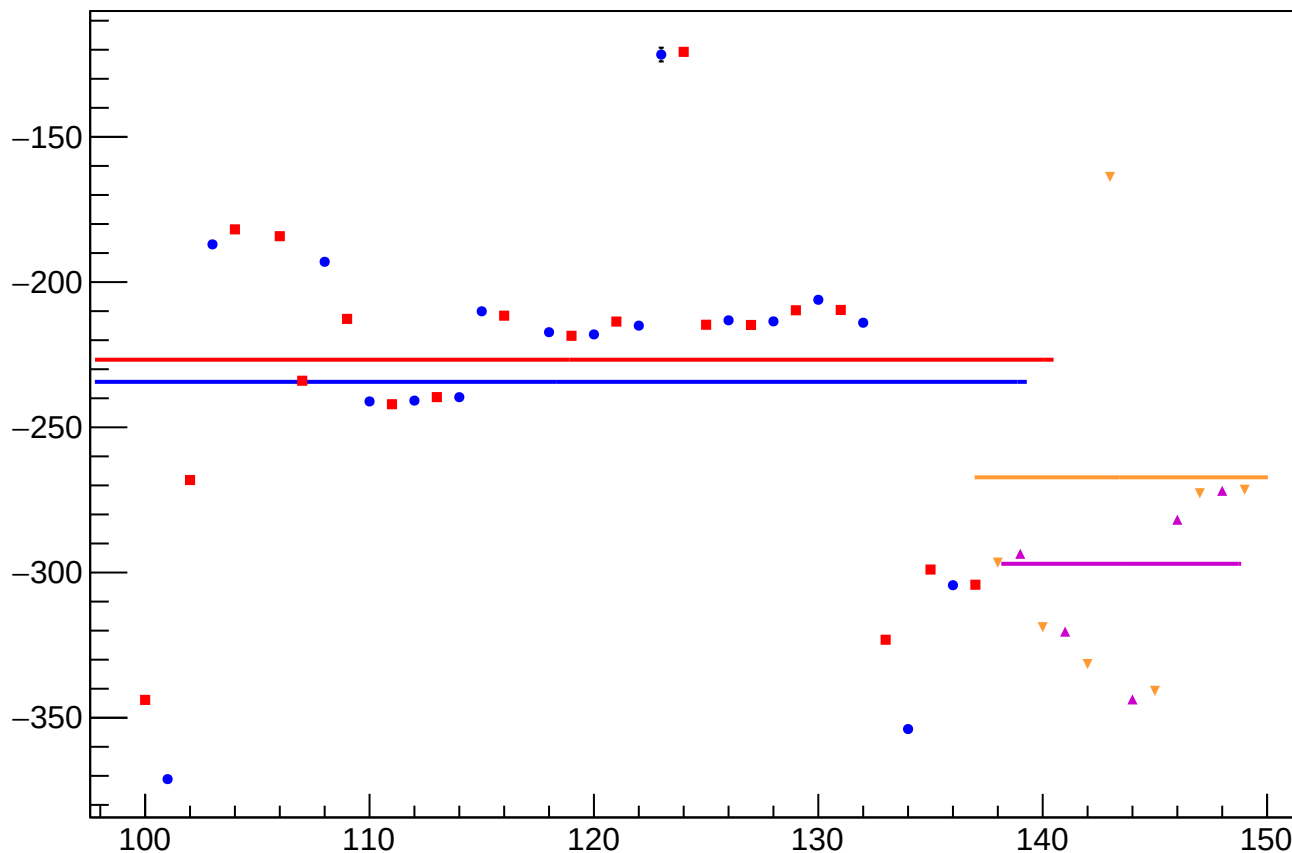
Left In: 118.967 ± 3.341 $\chi^2/\text{NDF}: 145.4/4$

+ sign 132.334 ± 1.926 $\chi^2/\text{NDF}: 1024.1/23$

All: 130.552 ± 1.408 $\chi^2/\text{NDF}: 1769.5/47$

- sign 128.512 ± 2.062 $\chi^2/\text{NDF}: 743.5/23$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -267.221+/-0.145 χ^2/NDF : 180842.7/6

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

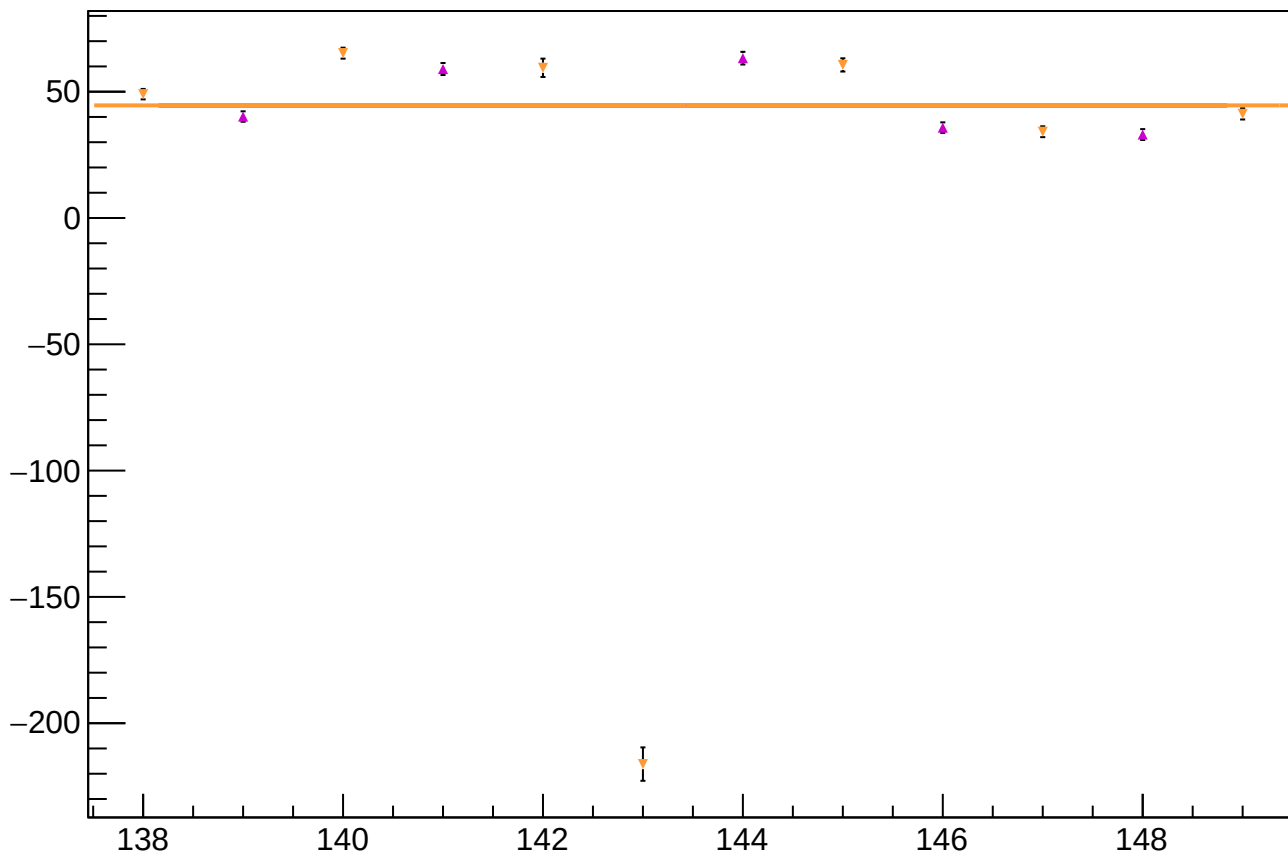
Left In: -296.983+/-0.172 χ^2/NDF : 21056.6/4

+ sign -251.131+/-0.104 χ^2/NDF : 351106.4/23

All: -252.994+/-0.075 χ^2/NDF : 571989.0/47

- 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: 44.581+/-0.949 χ^2/NDF :1730.4/6

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

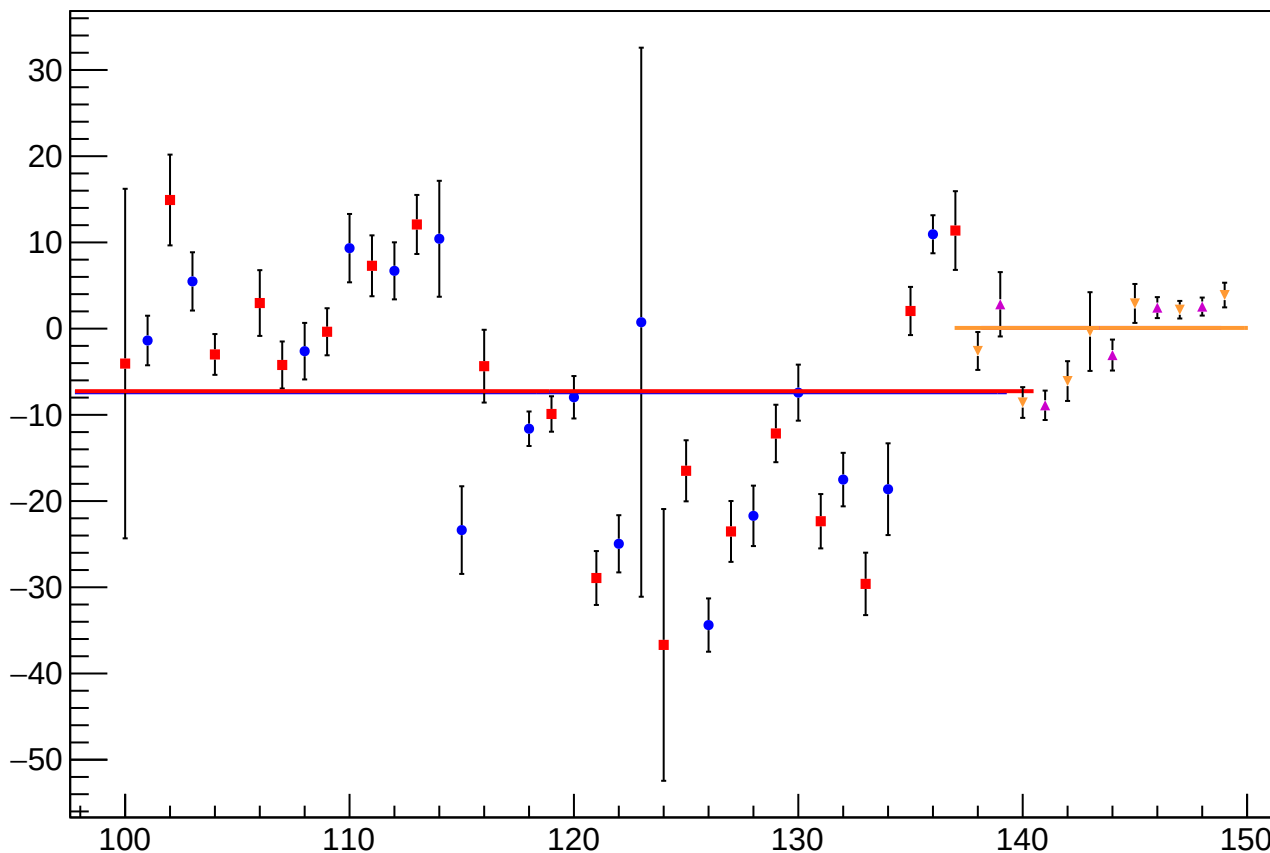
Left In: 44.523+/-0.993 χ^2/NDF :143.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.554+/-0.686 χ^2/NDF : 1873.5/11

- 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: 0.081 ± 0.645 χ^2/NDF : 45.1/6

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

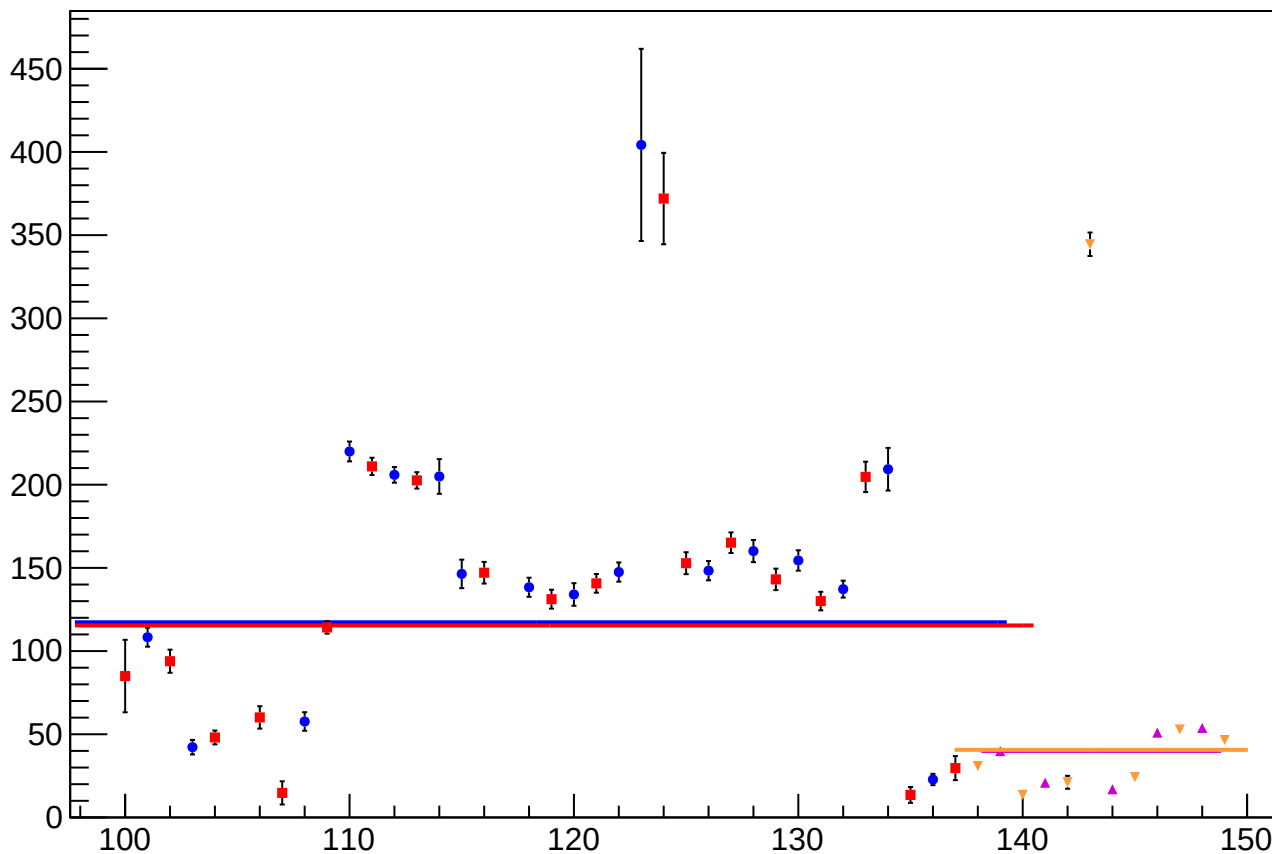
Left In: 0.080 ± 0.657 χ^2/NDF : 40.7/4

+ sign -2.956 ± 0.497 χ^2/NDF : 383.2/23

All: -3.002 ± 0.352 χ^2/NDF : 734.4/47

- 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: 40.634 $\pm$ 0.959 χ^2 /NDF:2116.2/6

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

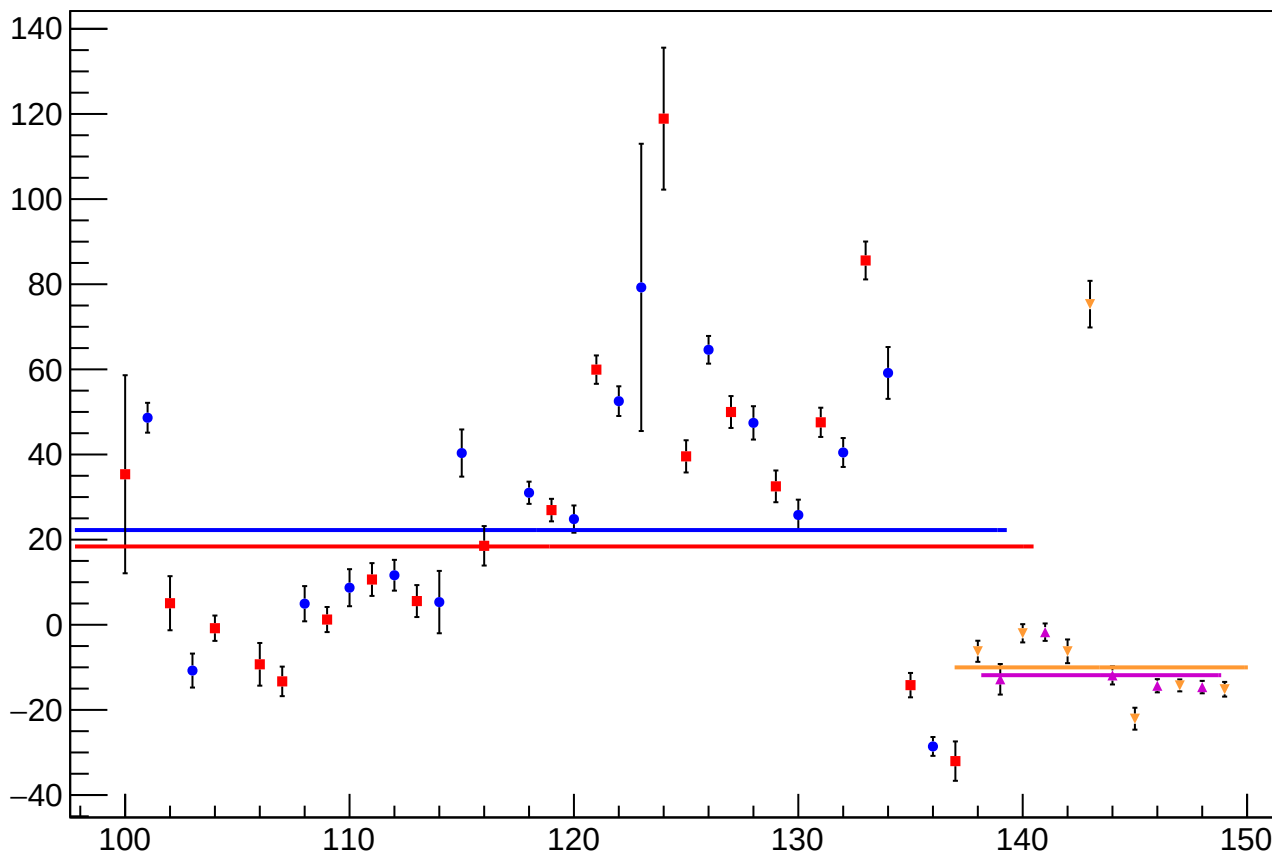
Left In: 39.975 $\pm$ 1.004 χ^2 /NDF:207.7/4

+ sign 64.929 $\pm$ 0.793 χ^2 /NDF: 6301.2/23

All: 65.735 $\pm$ 0.566 χ^2 /NDF: 10651.2/47

- 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 ± 0.889 $\chi^2/\text{NDF}: 1071.4/16$

Left Out: -10.012 ± 0.807 $\chi^2/\text{NDF}: 300.9/6$

Right Out: 18.395 ± 0.872 $\chi^2/\text{NDF}: 1077.1/18$

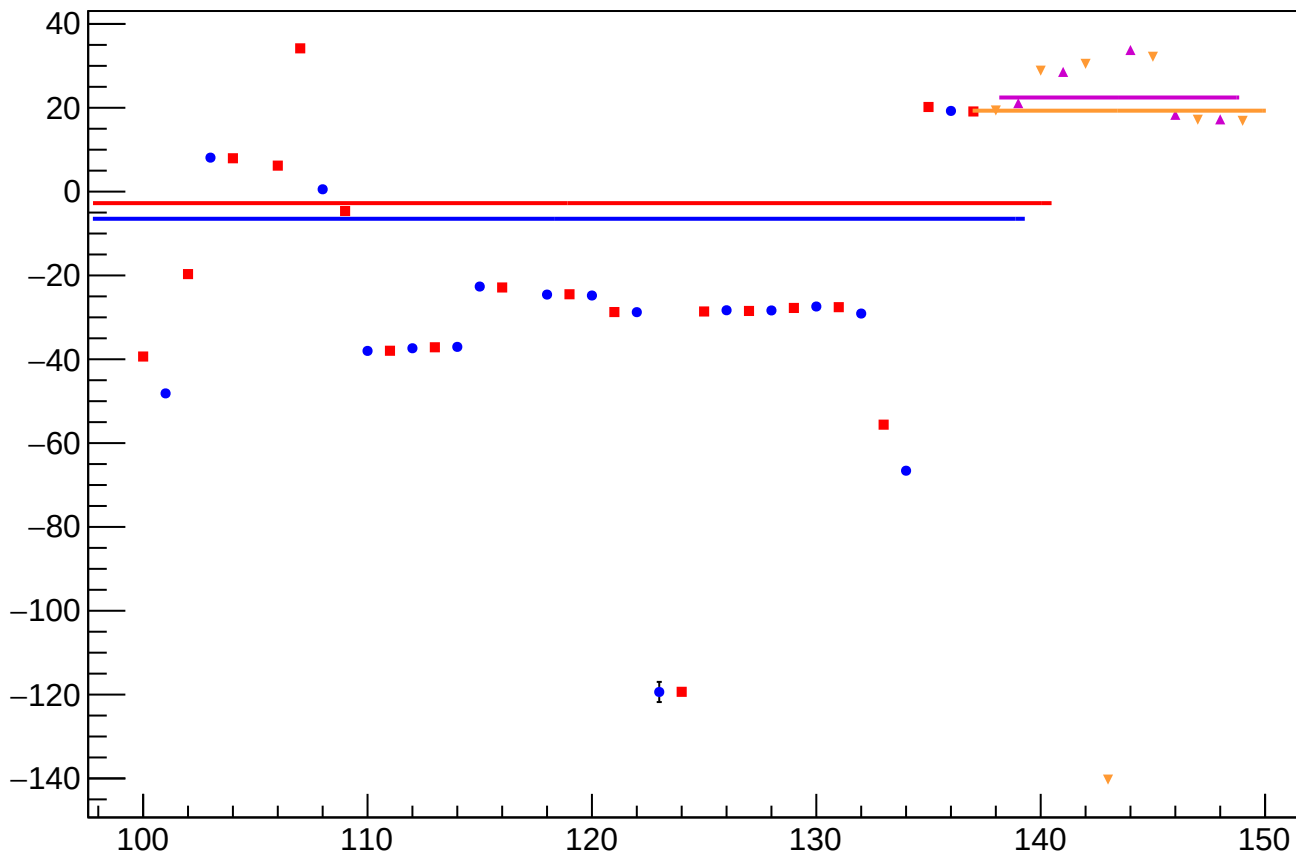
Left In: -11.846 ± 0.840 $\chi^2/\text{NDF}: 30.7/4$

+ sign 4.556 ± 0.597 $\chi^2/\text{NDF}: 2094.4/23$

All: 3.645 ± 0.425 $\chi^2/\text{NDF}: 3830.9/47$

- sign 2.711 ± 0.605 $\chi^2/\text{NDF}: 1731.8/23$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 19.308 ± 0.041 $\chi^2/\text{NDF}: 347524.4/6$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

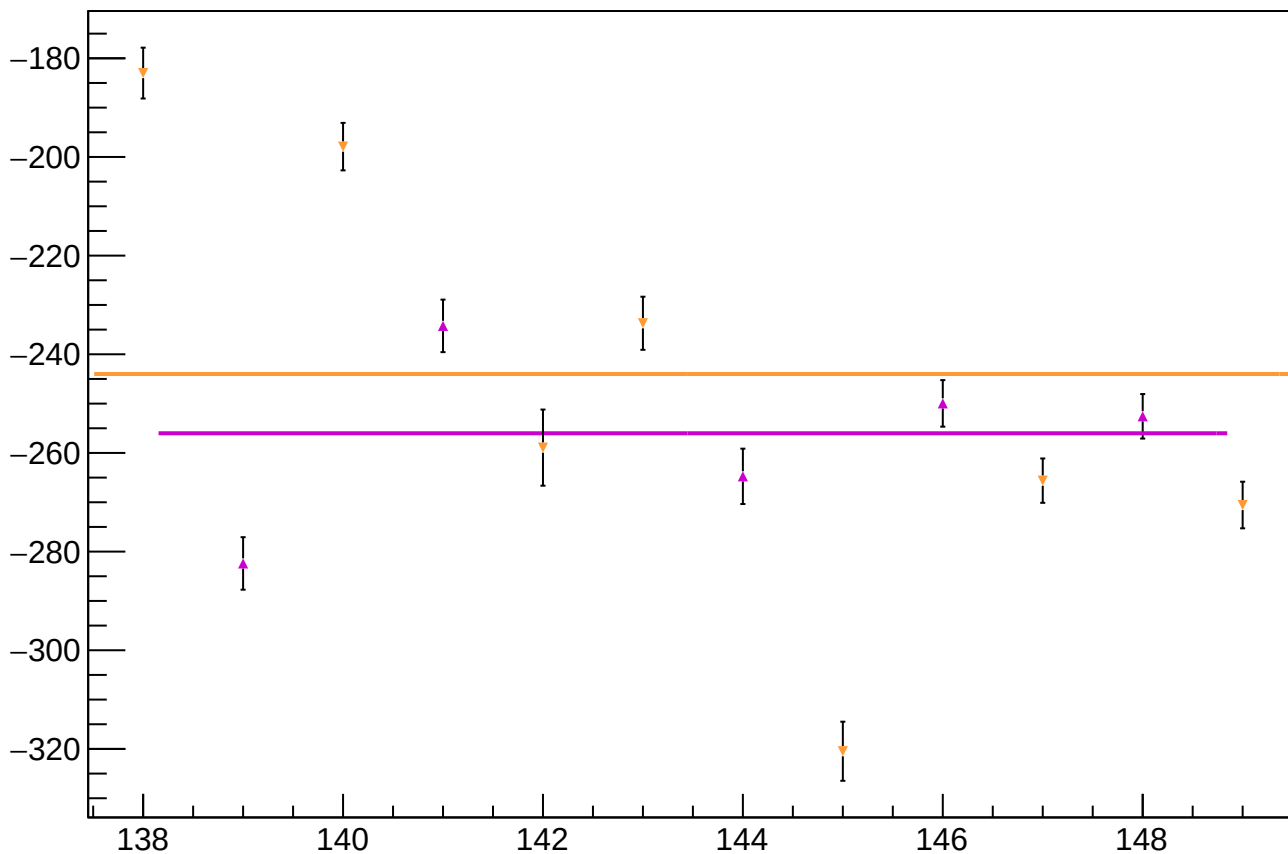
Left In: 22.450 ± 0.041 $\chi^2/\text{NDF}: 18846.1/4$

+ sign 8.051 ± 0.030 $\chi^2/\text{NDF}: 789213.7/23$

All: 9.551 ± 0.022 $\chi^2/\text{NDF}: 1246162.3/47$

- sign 11.071 ± 0.031 $\chi^2/\text{NDF}: 452077.9/23$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -243.997+/-1.983 χ^2/NDF : 456.8/6

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

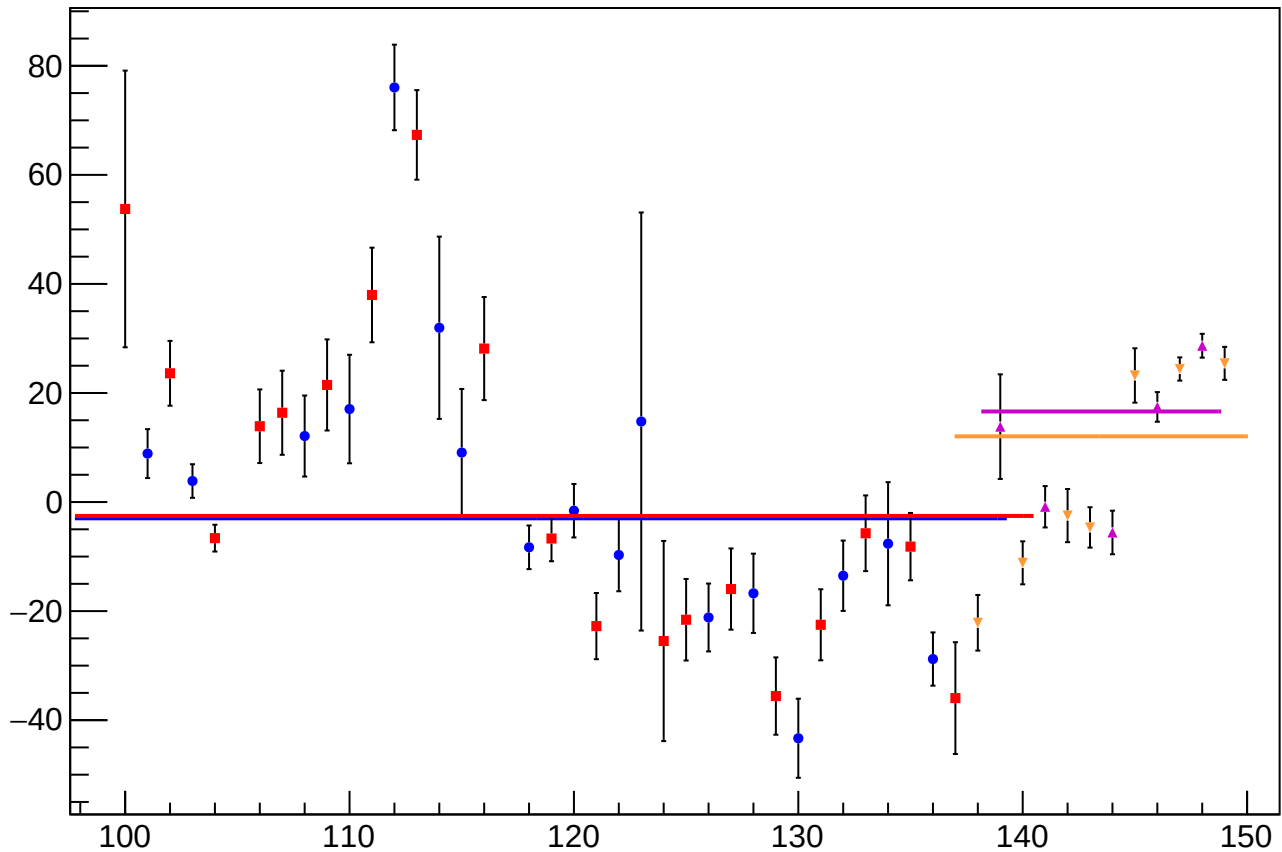
Left In: -256.013+/-2.256 χ^2/NDF : 46.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.234+/-1.490 χ^2/NDF : 518.8/11

- 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: 12.047 ± 1.305 χ^2/NDF : 167.0/6

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

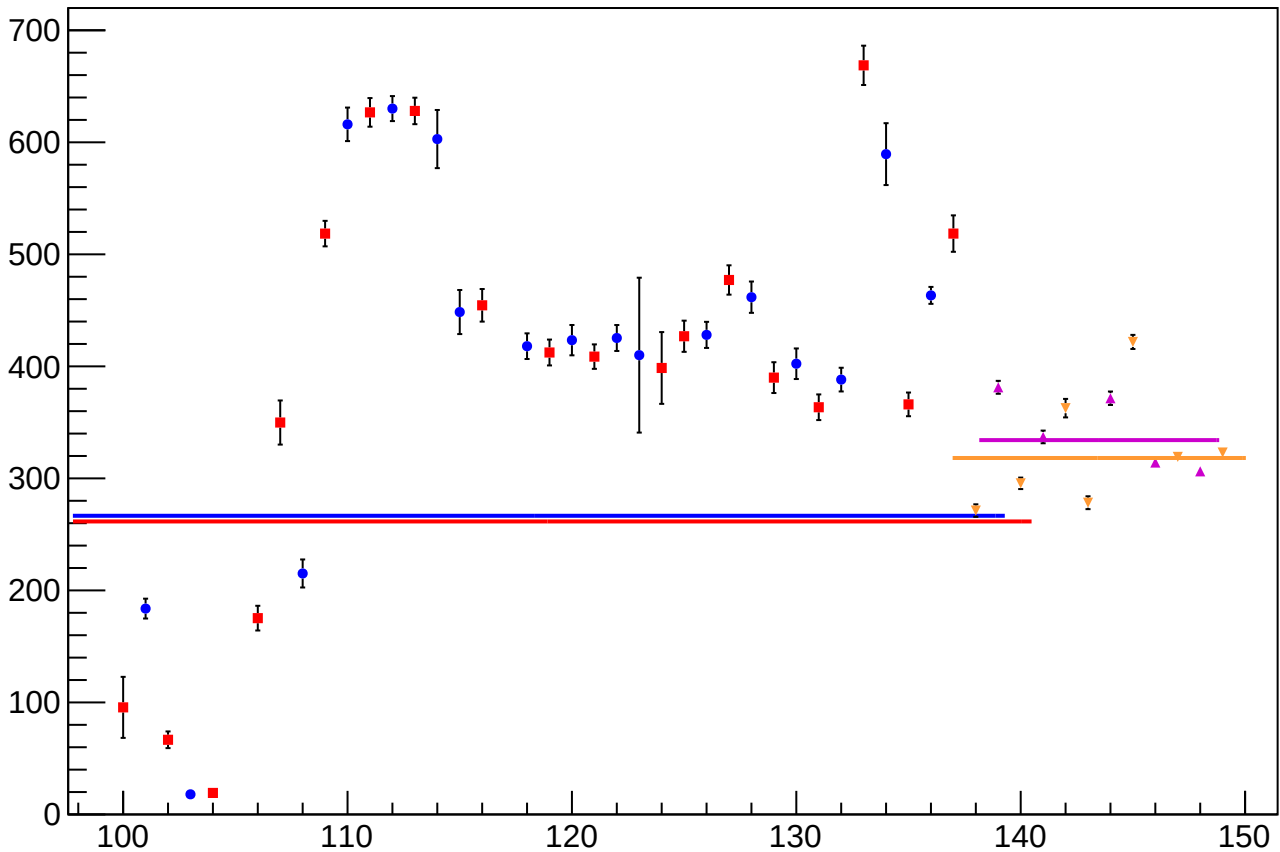
Left In: 16.610 ± 1.432 χ^2/NDF : 82.7/4

+ sign 5.327 ± 0.970 χ^2/NDF : 430.2/23

All: 6.042 ± 0.696 χ^2/NDF : 823.7/47

- 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: 318.205 $\pm$ 2.007 χ^2 /NDF: 439.7/6

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

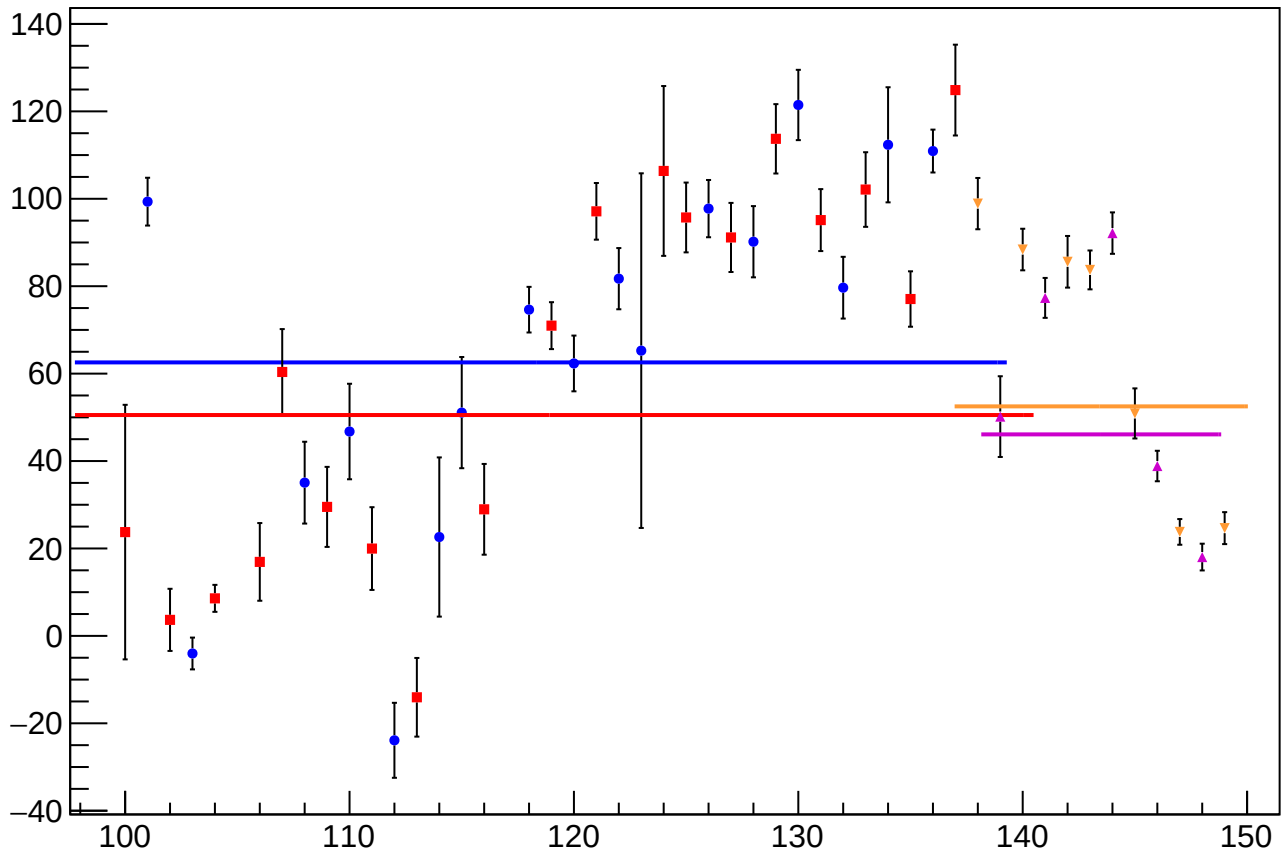
Left In: 334.168 $\pm$ 2.269 χ^2 /NDF: 169.2/4

+ sign 297.766 $\pm$ 1.559 χ^2 /NDF: 8364.1/23

All: 299.163 $\pm$ 1.139 χ^2 /NDF: 17214.6/47

- 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 ± 1.678 $\chi^2/\text{NDF}: 722.4/16$

Left Out: 52.507 ± 1.636 $\chi^2/\text{NDF}: 353.7/6$

Right Out: 50.526 ± 1.643 $\chi^2/\text{NDF}: 657.0/18$

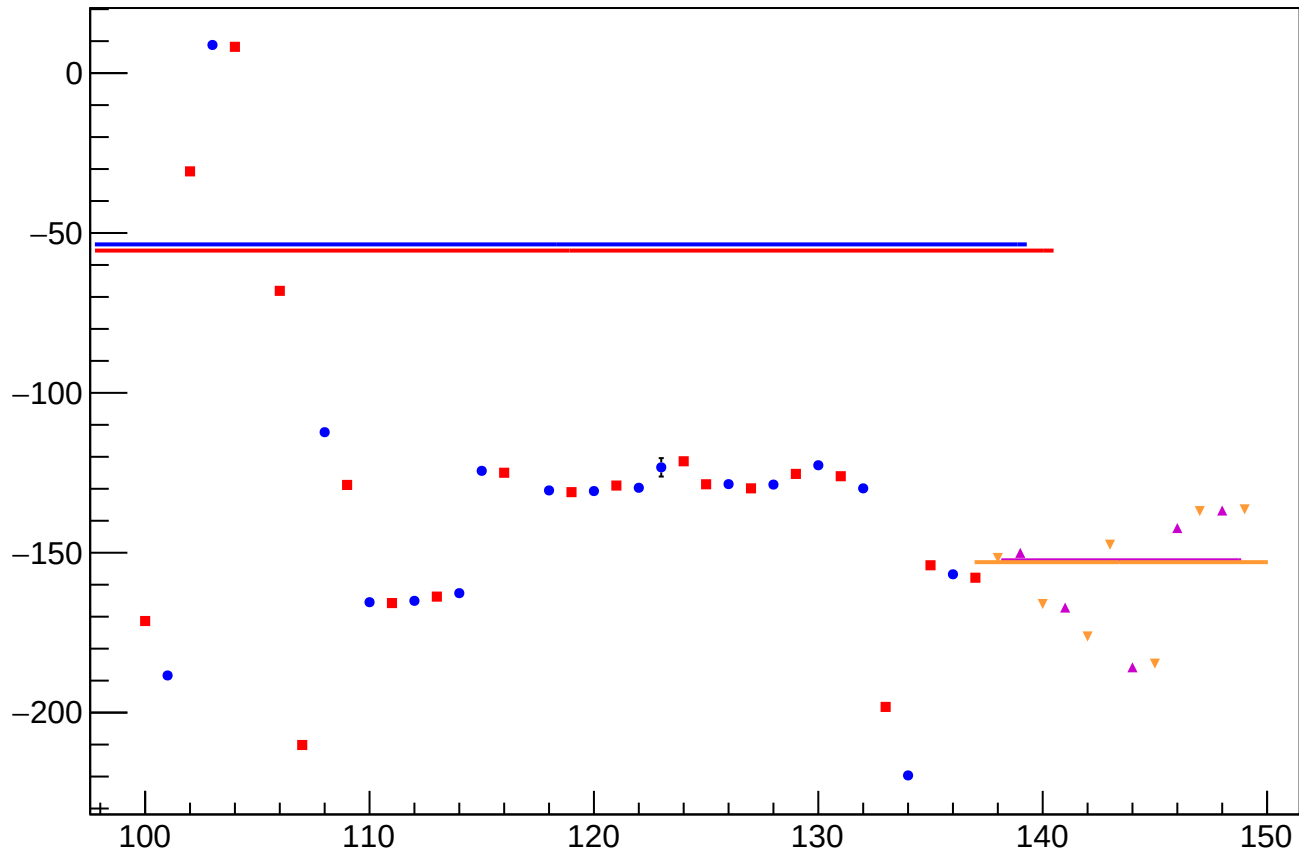
Left In: 46.099 ± 1.847 $\chi^2/\text{NDF}: 229.7/4$

+ sign 57.409 ± 1.172 $\chi^2/\text{NDF}: 1094.5/23$

All: 53.196 ± 0.848 $\chi^2/\text{NDF}: 2011.6/47$

- sign 48.570 ± 1.228 $\chi^2/\text{NDF}: 889.9/23$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -152.947 ± 0.085 χ^2/NDF : 39121.2/6

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

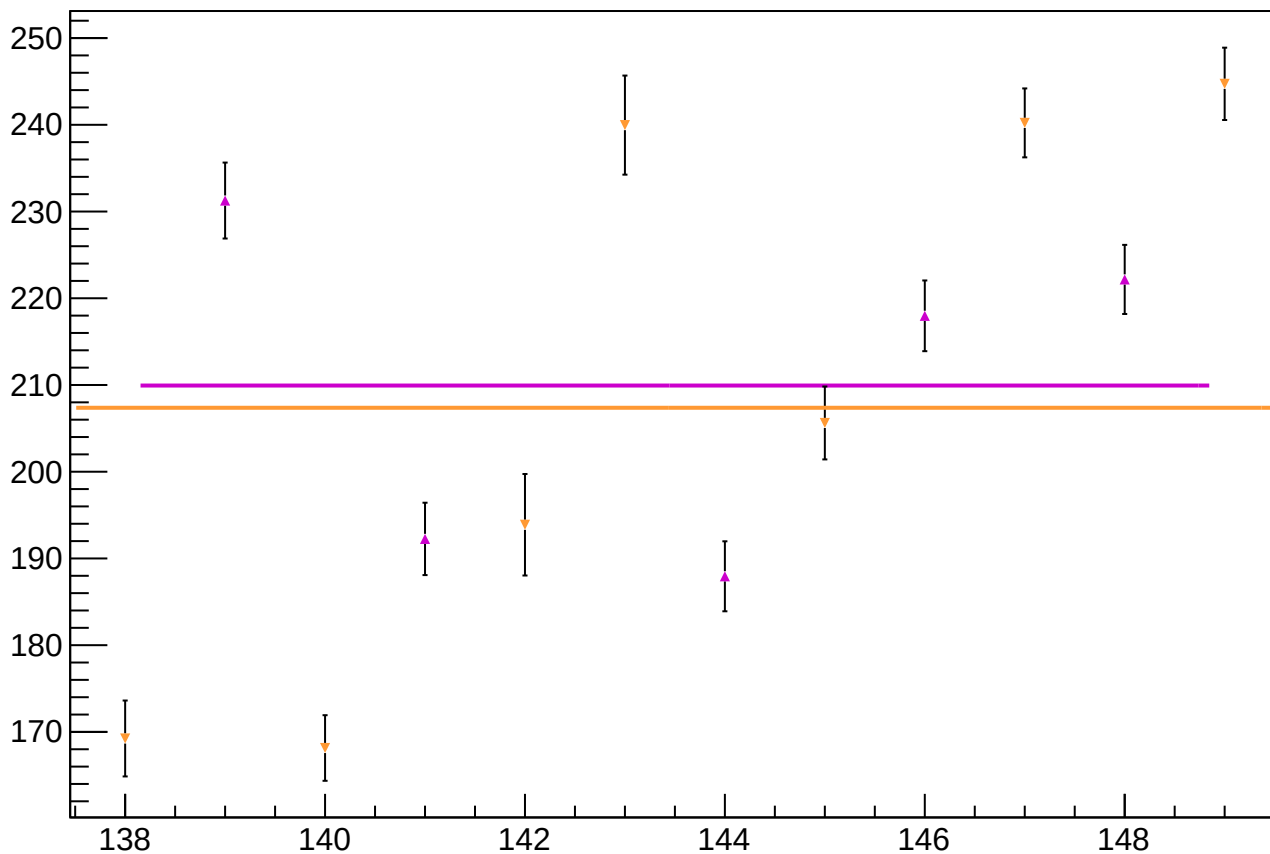
Left In: -152.369 ± 0.095 χ^2/NDF : 30249.4/4

+ sign -93.669 ± 0.054 χ^2/NDF : 2076355.9/23

All: -92.363 ± 0.039 χ^2/NDF : 3740790.6/47

- sign -90.909 ± 0.057 χ^2/NDF : 1663211.8/23

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 207.374 $\pm$ 1.668 χ^2 /NDF:370.1/6

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

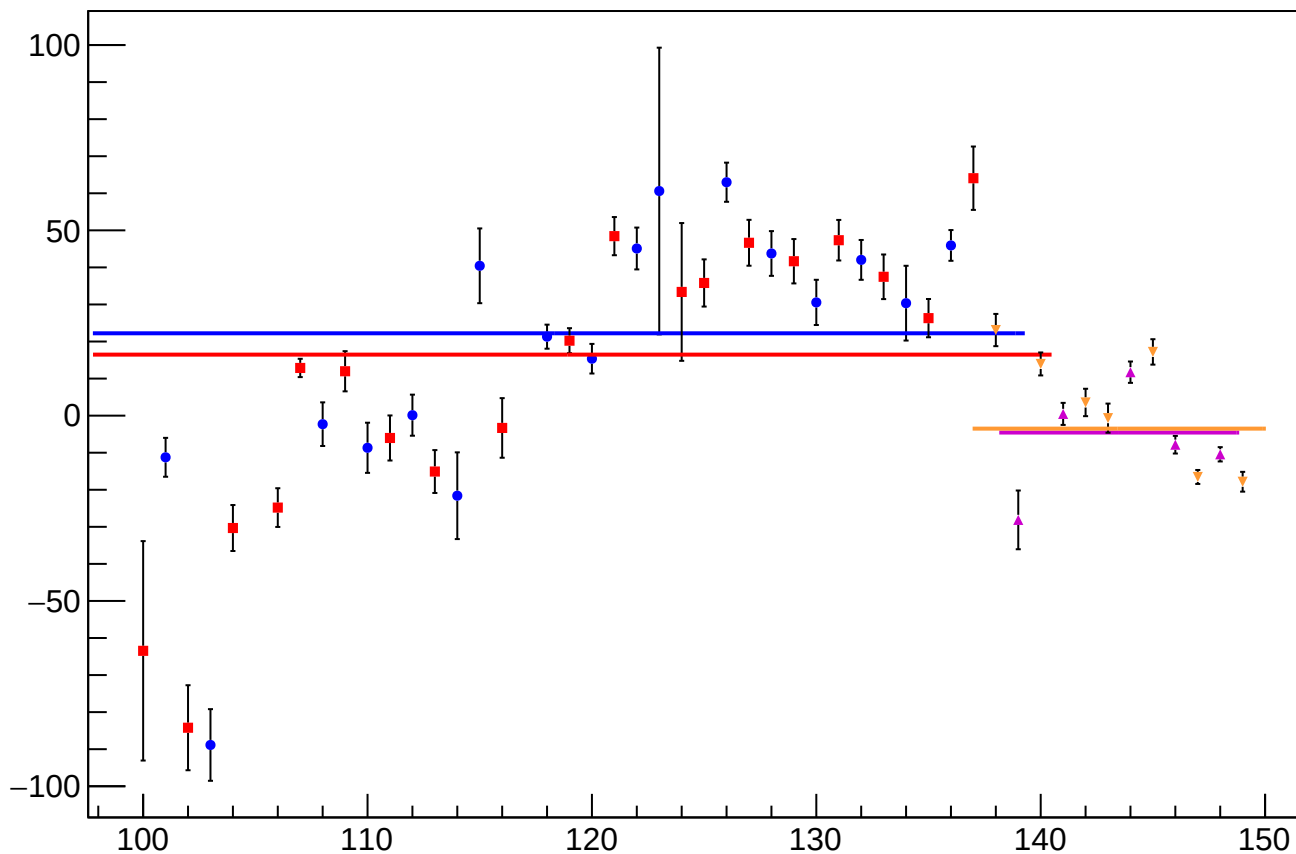
Left In: 209.937 $\pm$ 1.844 χ^2 /NDF:84.7/4

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

All: 208.528 $\pm$ 1.237 χ^2 /NDF: 455.9/11

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

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2/NDF : 385.6/16

Left Out: -3.503 $\pm$ 1.117 χ^2/NDF :186.5/6

Right Out: 16.466 $\pm$ 1.230 χ^2/NDF : 425.9/18

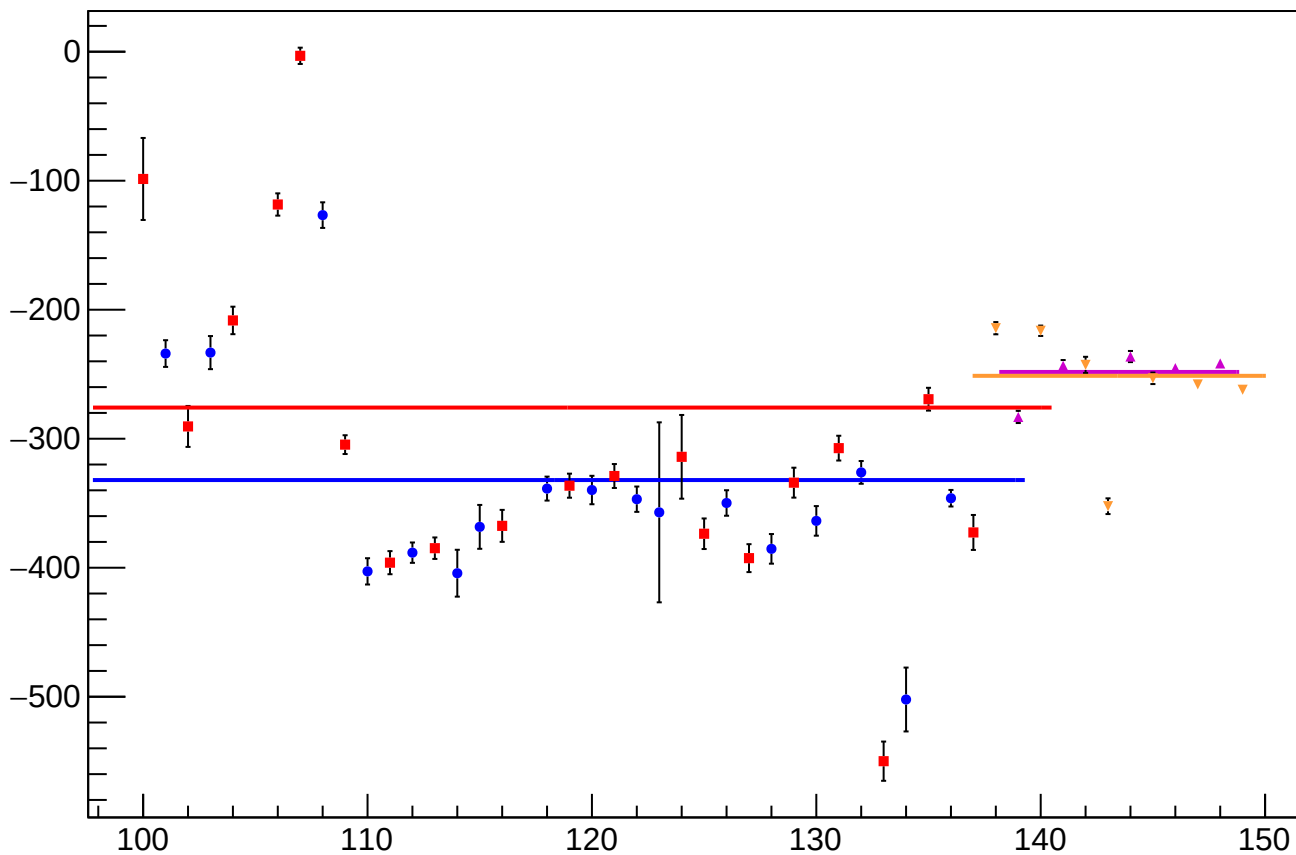
Left In: -4.561 $\pm$ 1.200 χ^2/NDF :54.8/4

+ sign 6.731 $\pm$ 0.867 χ^2/NDF : 783.2/23

All: 6.210 $\pm$ 0.610 χ^2/NDF : 1414.4/47

- sign 5.698 $\pm$ 0.859 χ^2/NDF : 630.5/23

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -251.245 ± 1.697 χ^2/NDF : 423.5/6

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

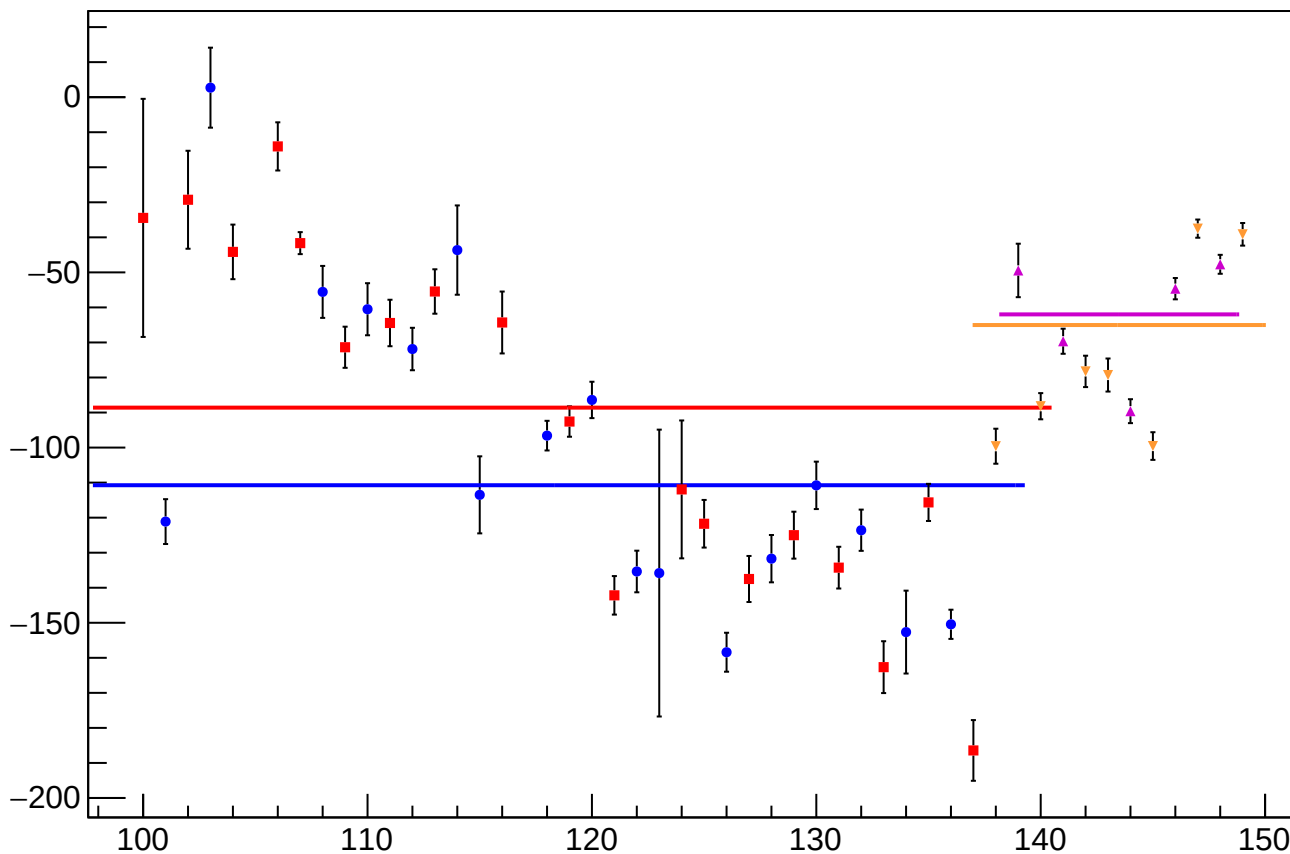
Left In: -248.243 ± 1.868 χ^2/NDF : 66.7/4

+ sign -275.880 ± 1.415 χ^2/NDF : 1899.7/23

All: -267.720 ± 1.015 χ^2/NDF : 5483.5/47

- sign -259.077 ± 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: -65.028 ± 1.394 χ^2/NDF : 357.3/6

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

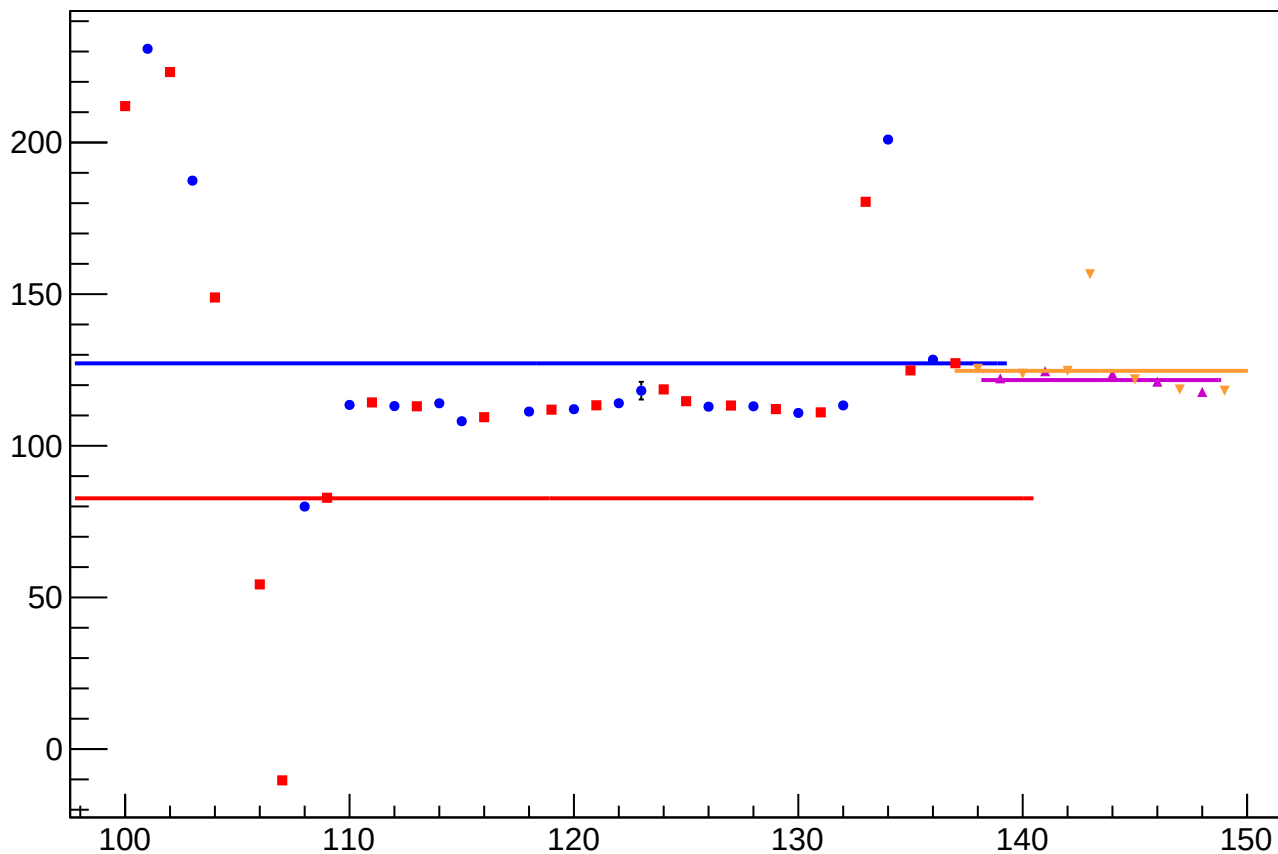
Left In: -61.988 ± 1.532 χ^2/NDF : 106.5/4

+ sign -85.068 ± 1.044 χ^2/NDF : 1342.4/23

All: -80.630 ± 0.740 χ^2/NDF : 2615.6/47

- 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: 124.708 $\pm$ 0.072 χ^2 /NDF:19949.1/6

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

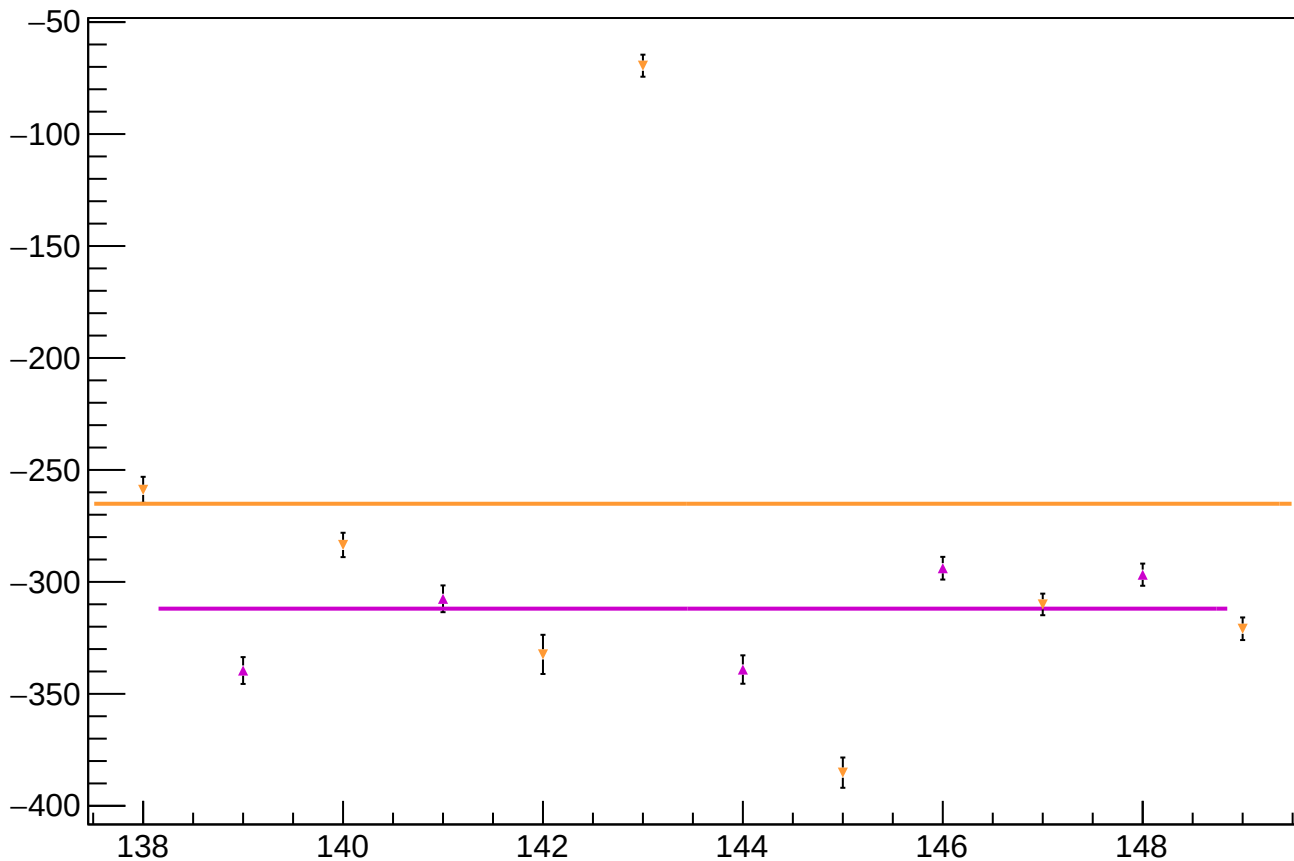
Left In: 121.671 $\pm$ 0.078 χ^2 /NDF:994.6/4

+ sign 125.684 $\pm$ 0.056 χ^2 /NDF: 208466.2/23

All: 113.201 $\pm$ 0.039 χ^2 /NDF: 1201012.4/47

- 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: -265.101+/-2.123 χ^2/NDF : 2174.9/6

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

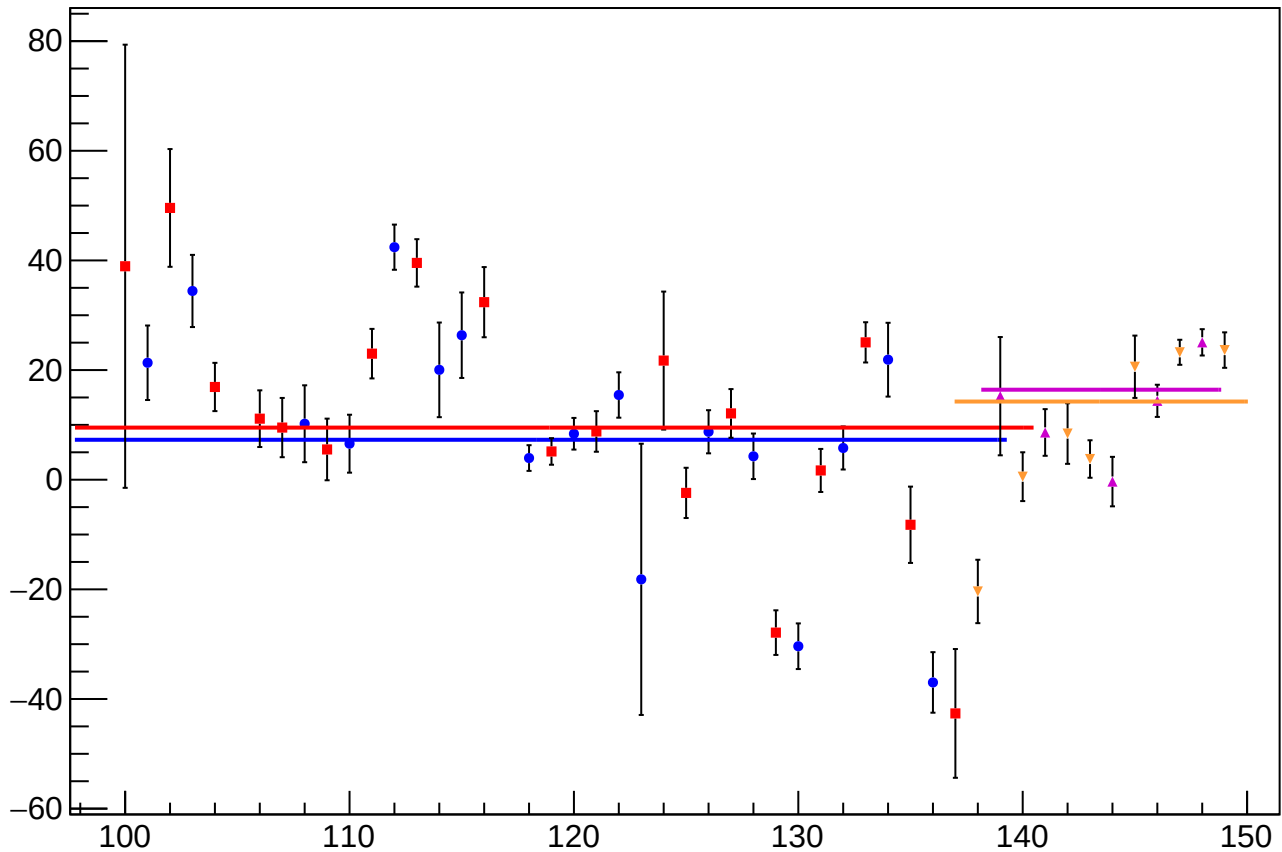
Left In: -311.947+/-2.496 χ^2/NDF : 62.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.763+/-1.617 χ^2/NDF : 2441.5/11

- 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: 14.260 ± 1.391 χ^2/NDF : 81.0/6

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

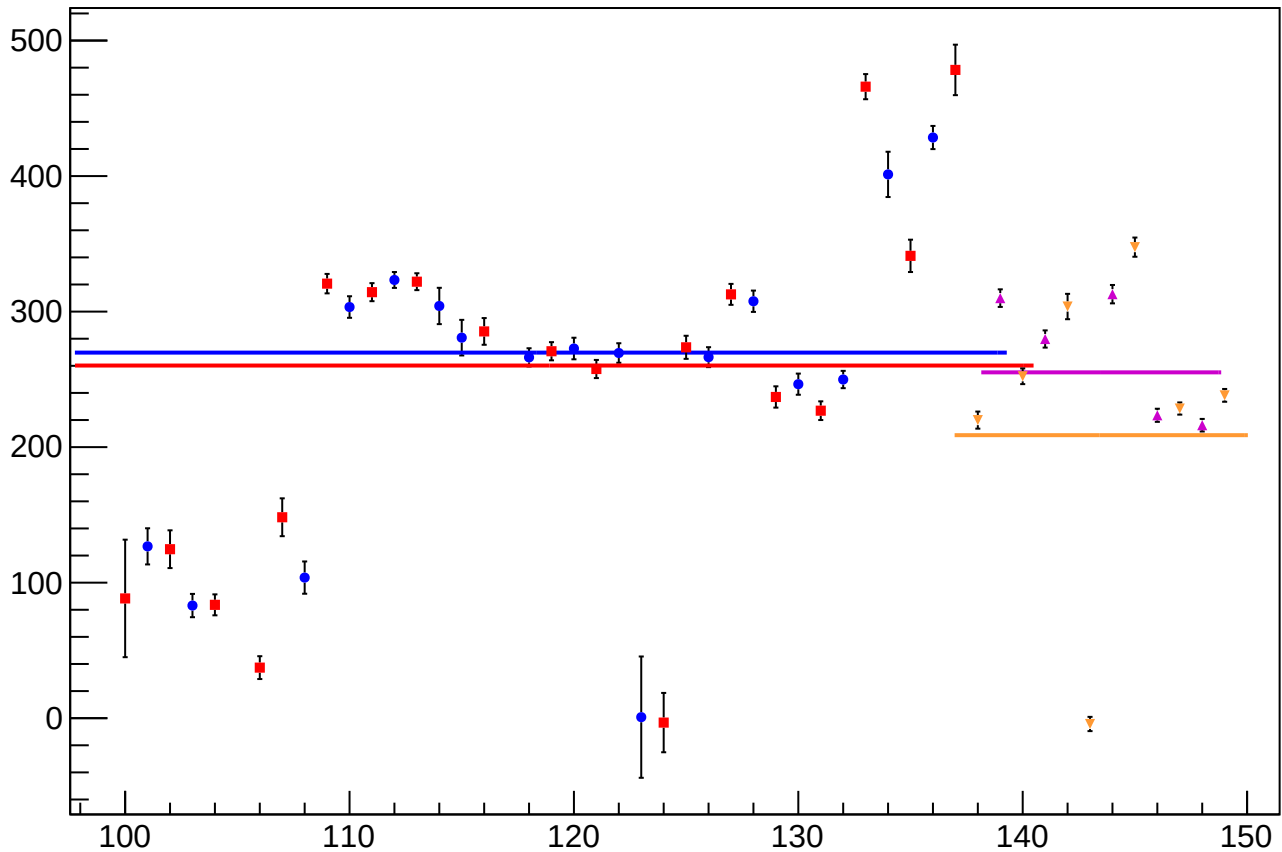
Left In: 16.418 ± 1.576 χ^2/NDF : 30.6/4

+ sign 9.919 ± 0.855 χ^2/NDF : 357.7/23

All: 10.774 ± 0.616 χ^2/NDF : 635.1/47

- sign 11.698 ± 0.888 χ^2/NDF : 275.3/23

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 ± 2.071 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 208.826 ± 2.148 $\chi^2/\text{NDF}: 2247.8/6$

Right Out: 260.206 ± 1.978 $\chi^2/\text{NDF}: 2541.6/18$

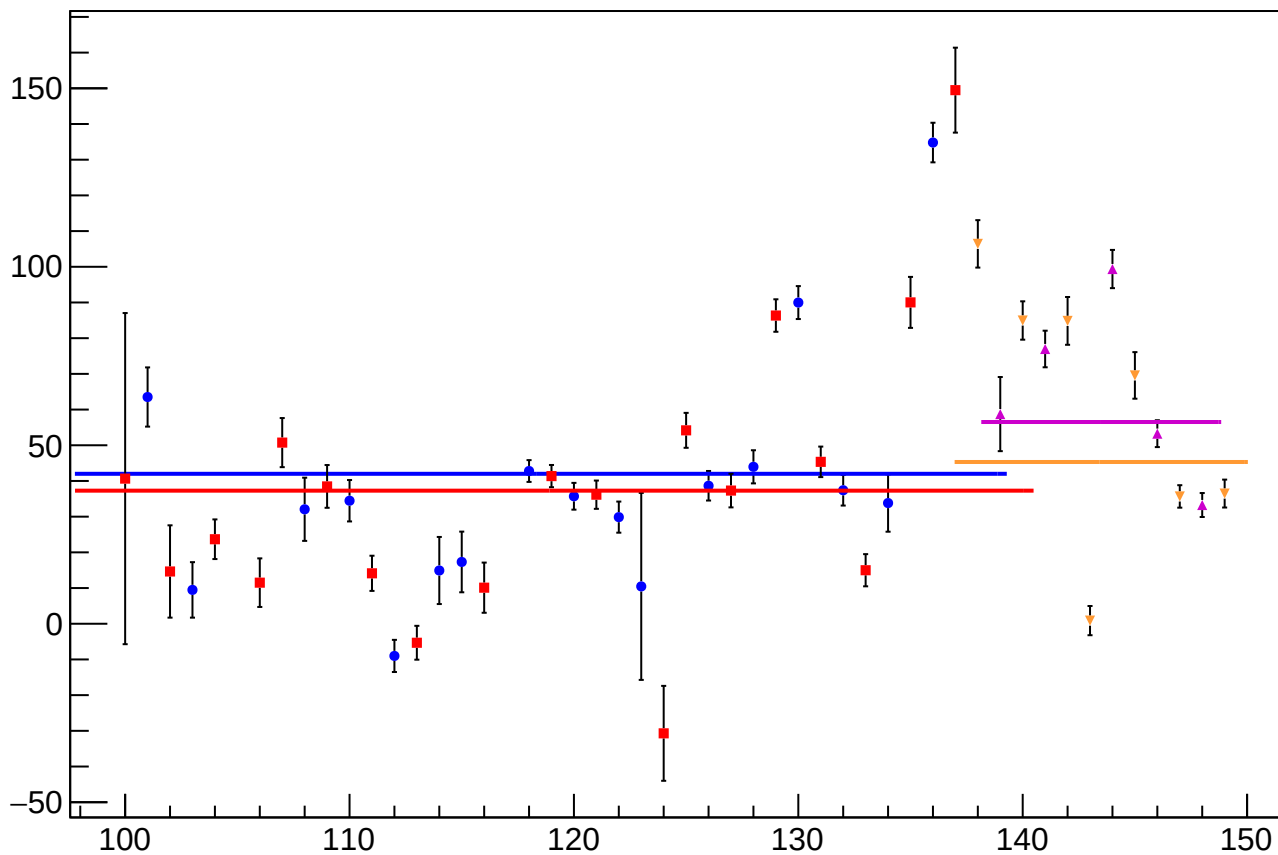
Left In: 255.174 ± 2.505 $\chi^2/\text{NDF}: 272.0/4$

+ sign 240.391 ± 1.491 $\chi^2/\text{NDF}: 4038.8/23$

All: 248.972 ± 1.075 $\chi^2/\text{NDF}: 6923.9/47$

- sign 258.274 ± 1.552 $\chi^2/\text{NDF}: 2816.1/23$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 45.317 $\pm$ 1.743 χ^2 /NDF:320.2/6

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

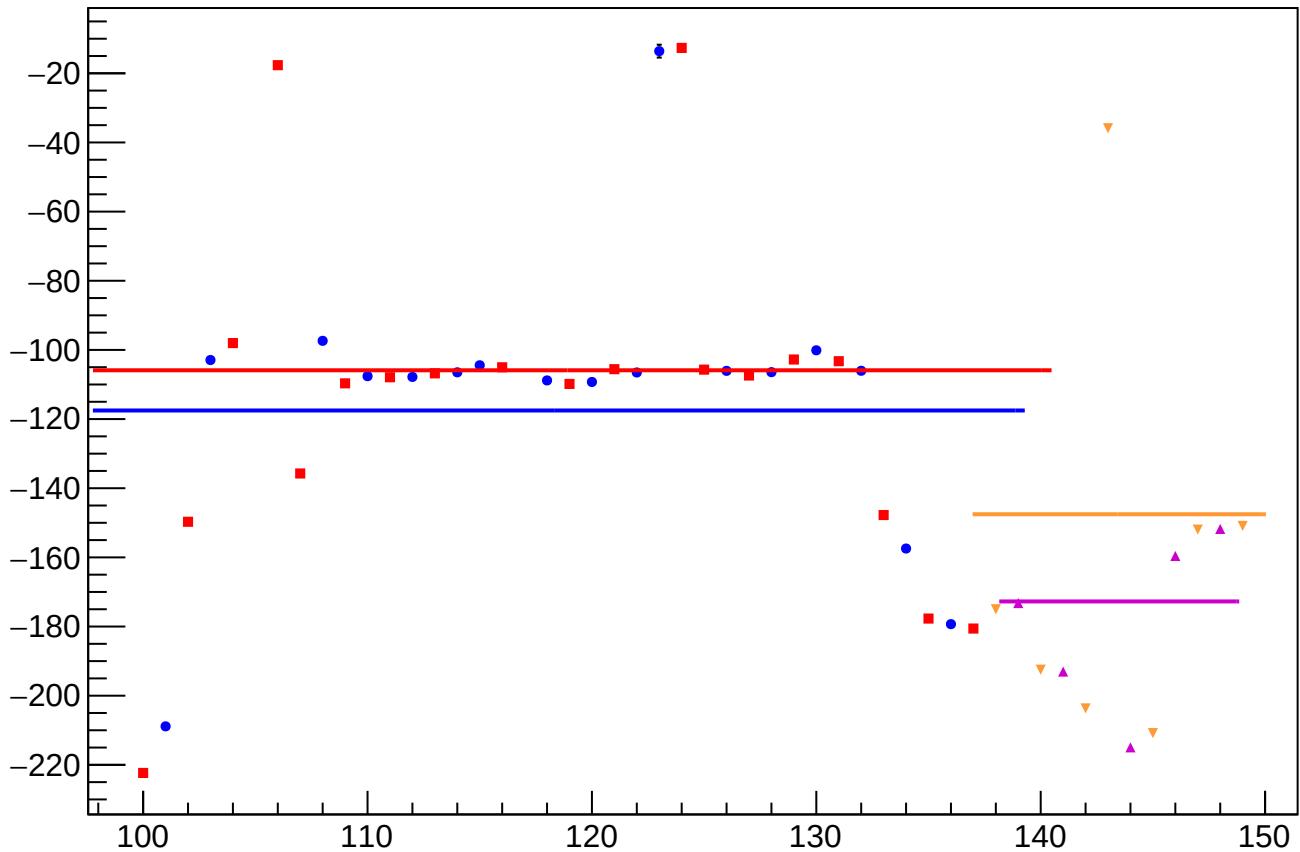
Left In: 56.517 $\pm$ 2.035 χ^2 /NDF:128.7/4

+ sign 43.137 $\pm$ 1.019 χ^2 /NDF: 898.1/23

All: 42.818 $\pm$ 0.734 χ^2 /NDF: 1564.9/47

- 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: -147.528 ± 0.091 χ^2/NDF : 399295.1/6

Right Out: -105.892 ± 0.073 χ^2/NDF : 324304.4/18

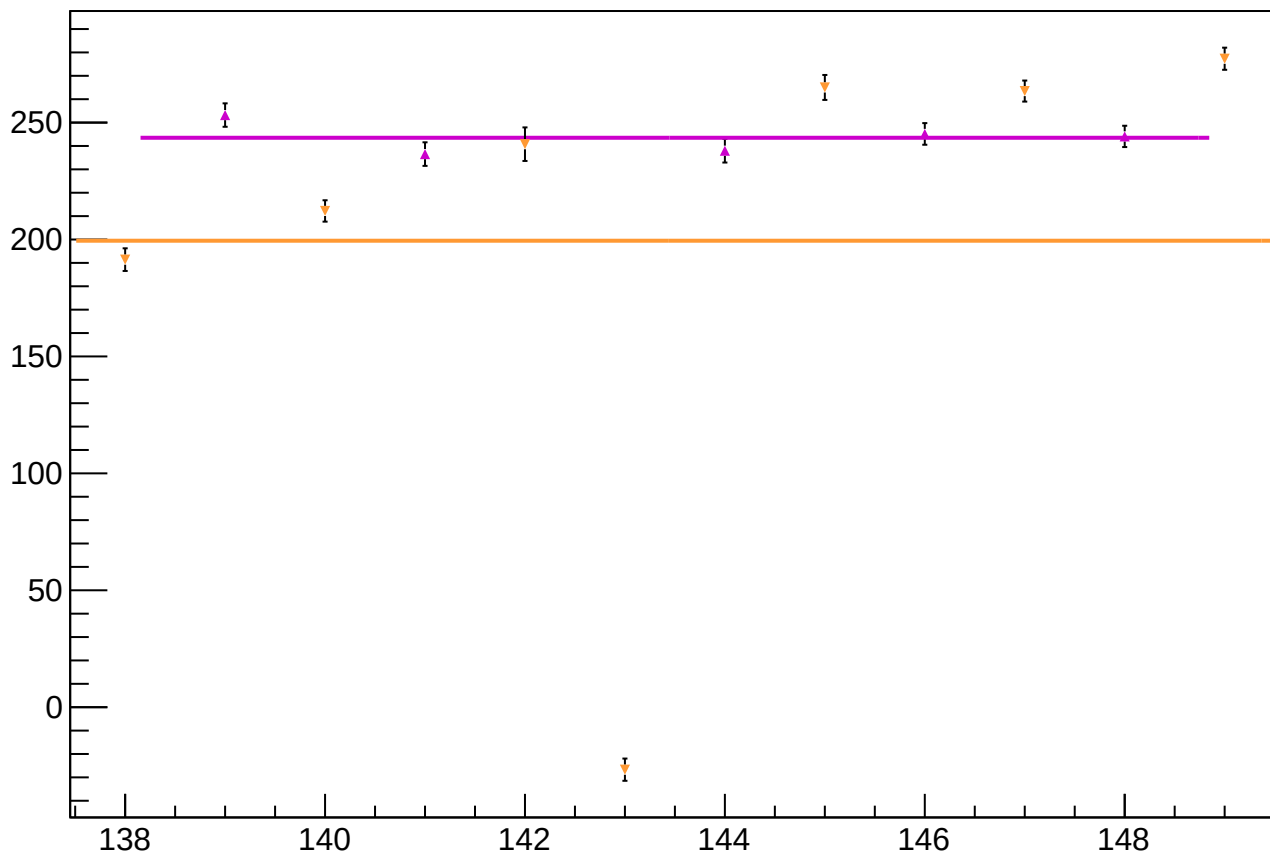
Left In: -172.741 ± 0.105 χ^2/NDF : 40972.0/4

+ sign -130.182 ± 0.059 χ^2/NDF : 603790.1/23

All: -128.918 ± 0.042 χ^2/NDF : 1244222.2/47

- 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: 199.481+/-1.879 χ^2/NDF : 2930.7/6

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

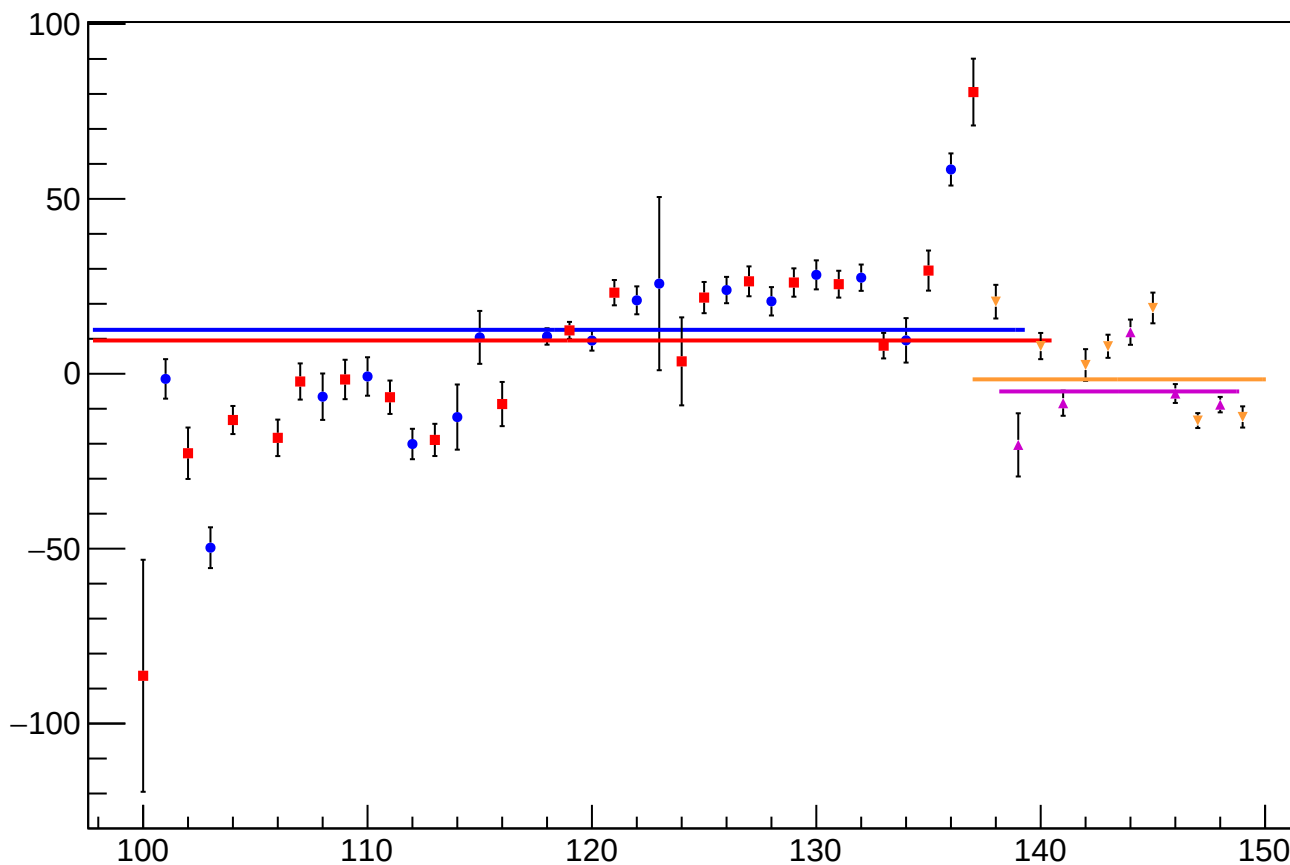
Left In: 243.508+/-2.166 χ^2/NDF : 7.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.386+/-1.419 χ^2/NDF : 3173.5/11

- 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: -1.597 $\pm$ 1.255 χ^2 /NDF: 101.5/6

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

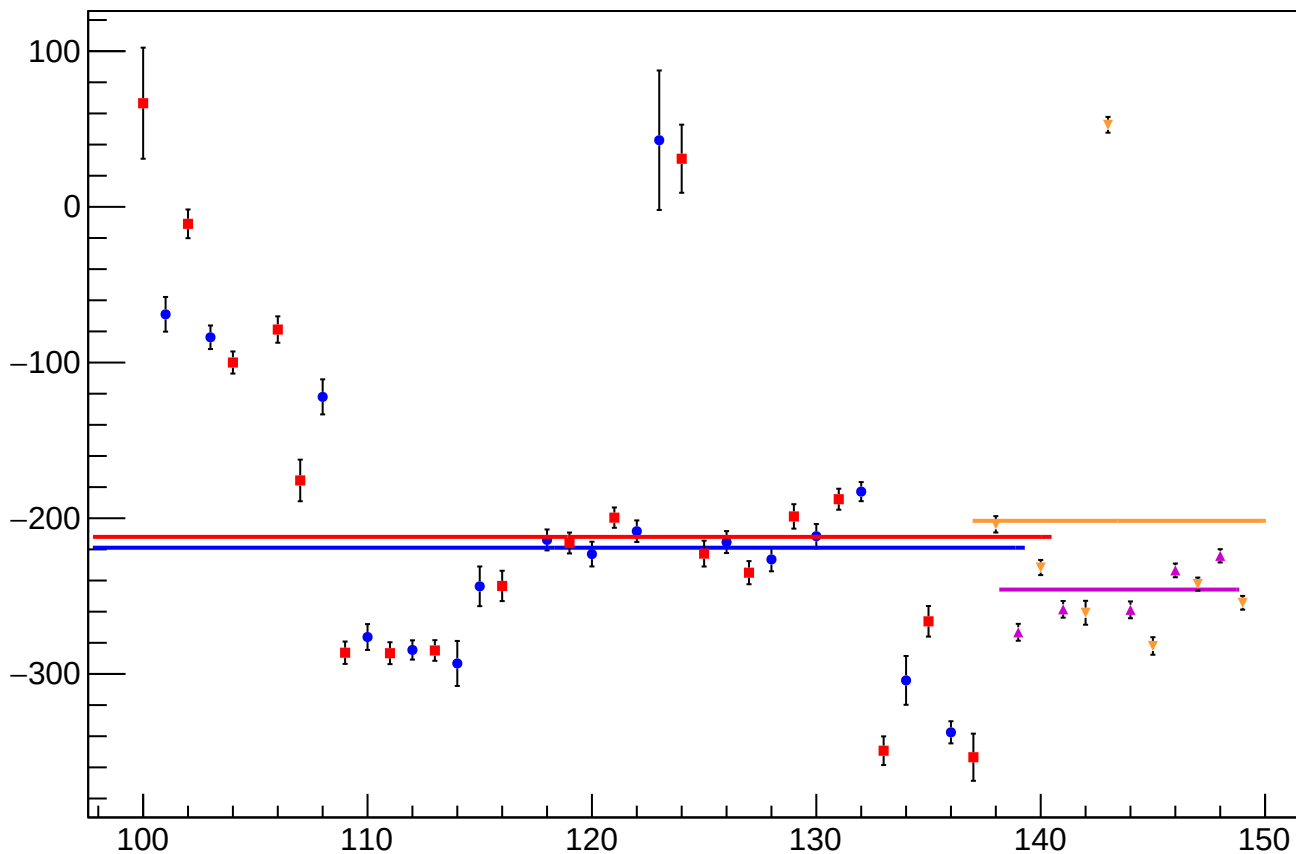
Left In: -5.054 $\pm$ 1.402 χ^2 /NDF: 28.7/4

+ sign 6.693 $\pm$ 0.808 χ^2 /NDF: 523.8/23

All: 5.534 $\pm$ 0.582 χ^2 /NDF: 922.3/47

- 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 χ^2/NDF : 1146.6/16

Left Out: -201.645 ± 1.912 χ^2/NDF : 3047.5/6

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

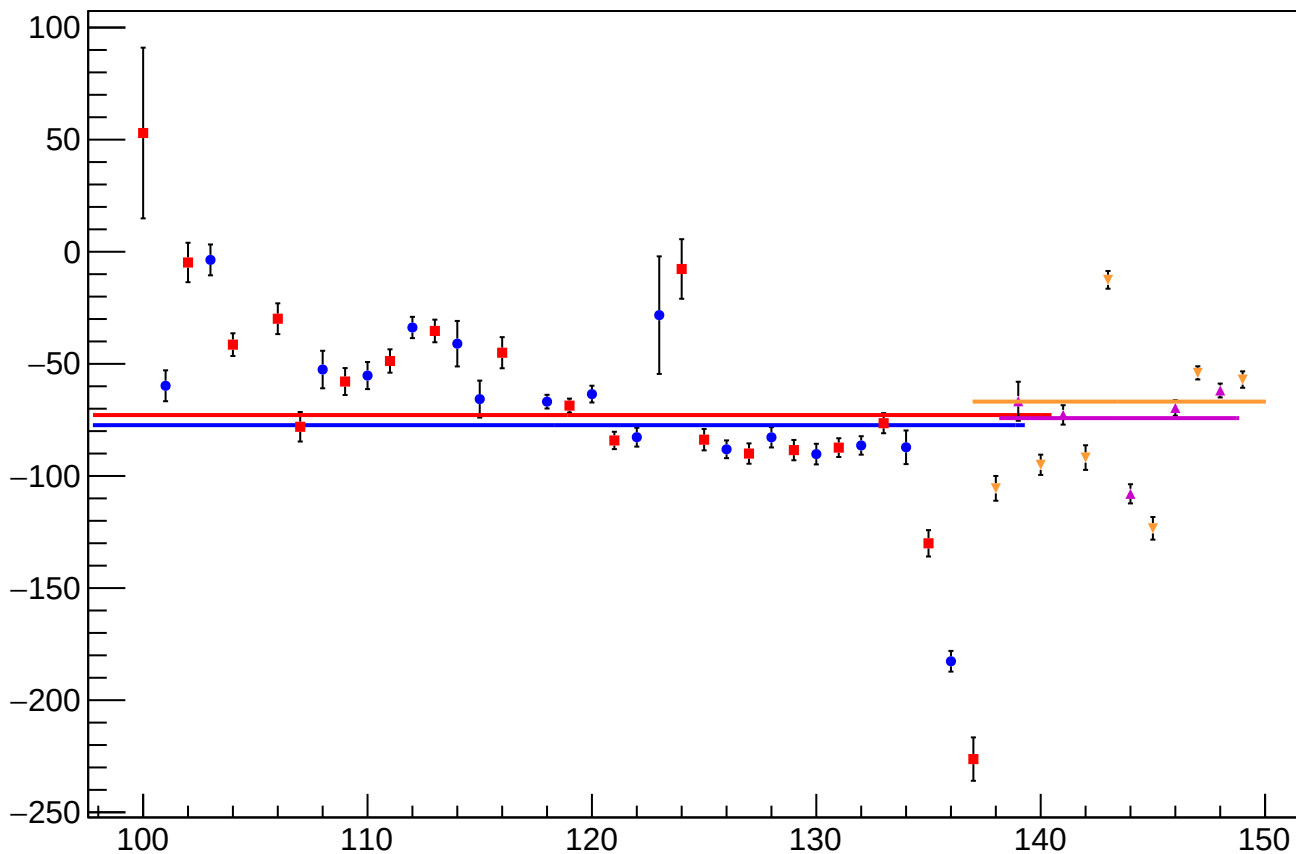
Left In: -245.808 ± 2.188 χ^2/NDF : 70.5/4

+ sign -209.872 ± 1.384 χ^2/NDF : 4233.0/23

All: -217.939 ± 1.000 χ^2/NDF : 6395.6/47

- sign -226.731 ± 1.445 χ^2/NDF : 2091.6/23

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 $\chi^2/\text{NDF}: 817.2/16$

Left Out: -66.829 ± 1.565 $\chi^2/\text{NDF}: 448.8/6$

Right Out: -72.836 ± 1.209 $\chi^2/\text{NDF}: 672.9/18$

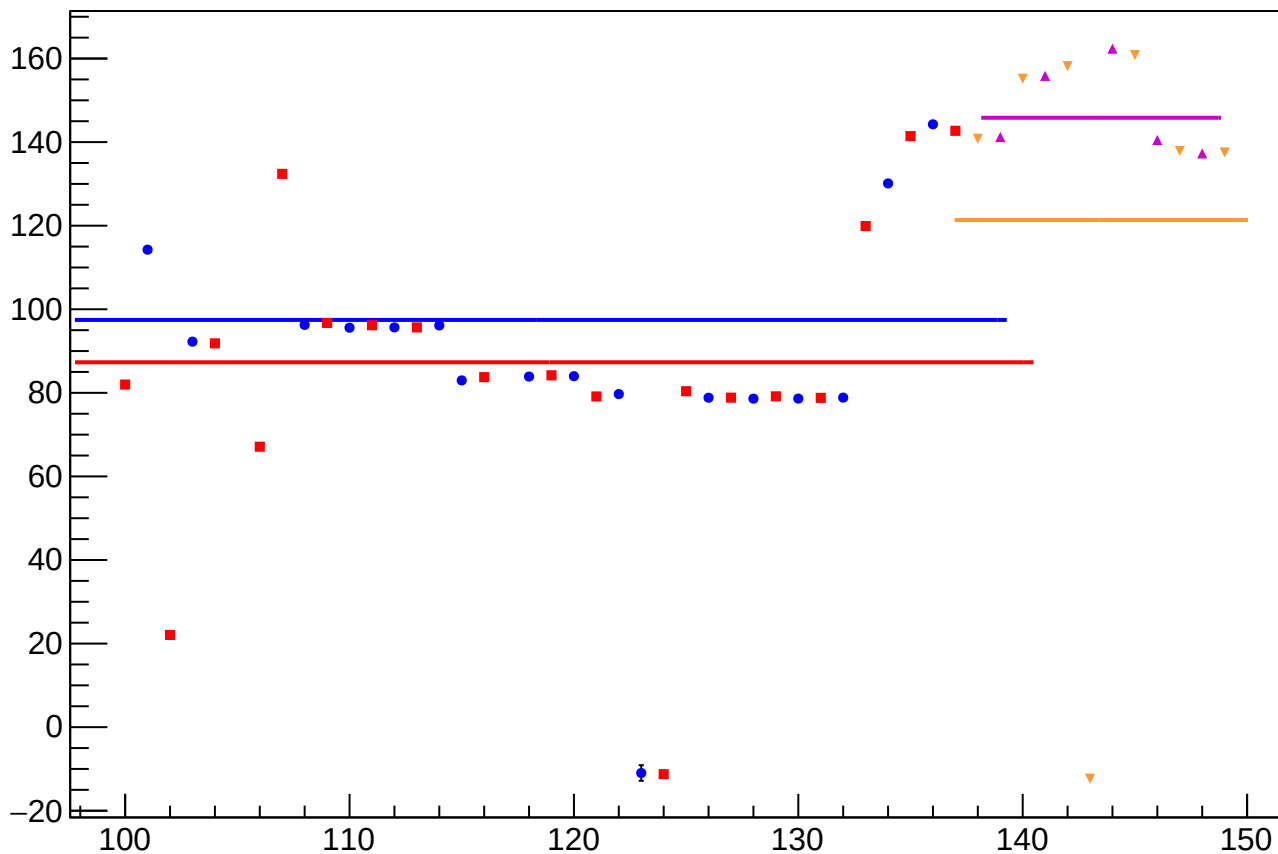
Left In: -74.200 ± 1.796 $\chi^2/\text{NDF}: 80.8/4$

+ sign -73.371 ± 0.962 $\chi^2/\text{NDF}: 1294.1/23$

All: -73.318 ± 0.694 $\chi^2/\text{NDF}: 2048.2/47$

- sign -73.261 ± 1.003 $\chi^2/\text{NDF}: 754.1/23$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 +/- 0.073 χ^2/NDF : 94476.4/16

Left Out: 121.356 +/- 0.081 χ^2/NDF : 527224.9/6

Right Out: 87.315 +/- 0.068 χ^2/NDF : 221837.7/18

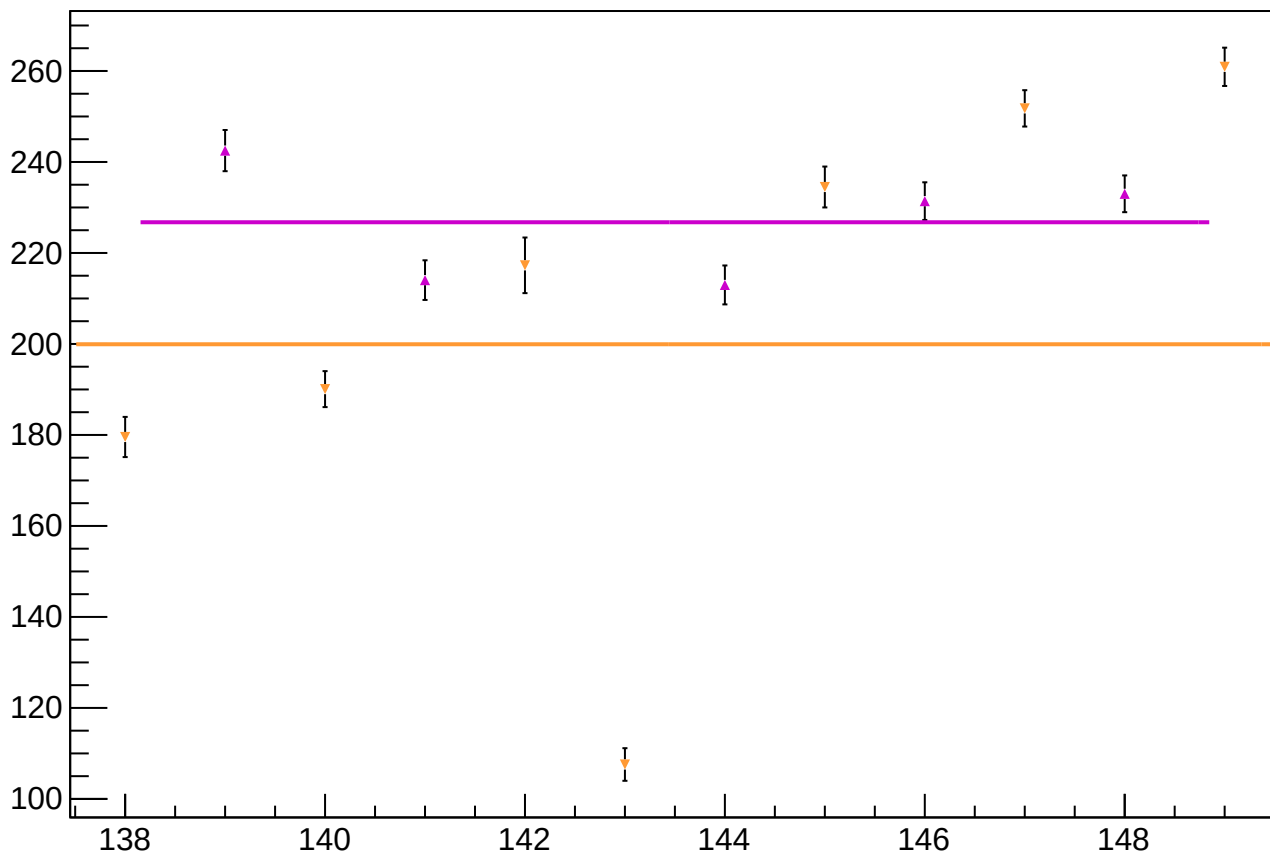
Left In: 145.829 +/- 0.091 χ^2/NDF : 10464.3/4

+ sign 108.222 +/- 0.054 χ^2/NDF : 669666.5/23

All: 108.277 +/- 0.039 χ^2/NDF : 1166063.2/47

- sign 108.333 +/- 0.055 χ^2/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: 199.934+/-1.605 χ^2/NDF :1136.7/6

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

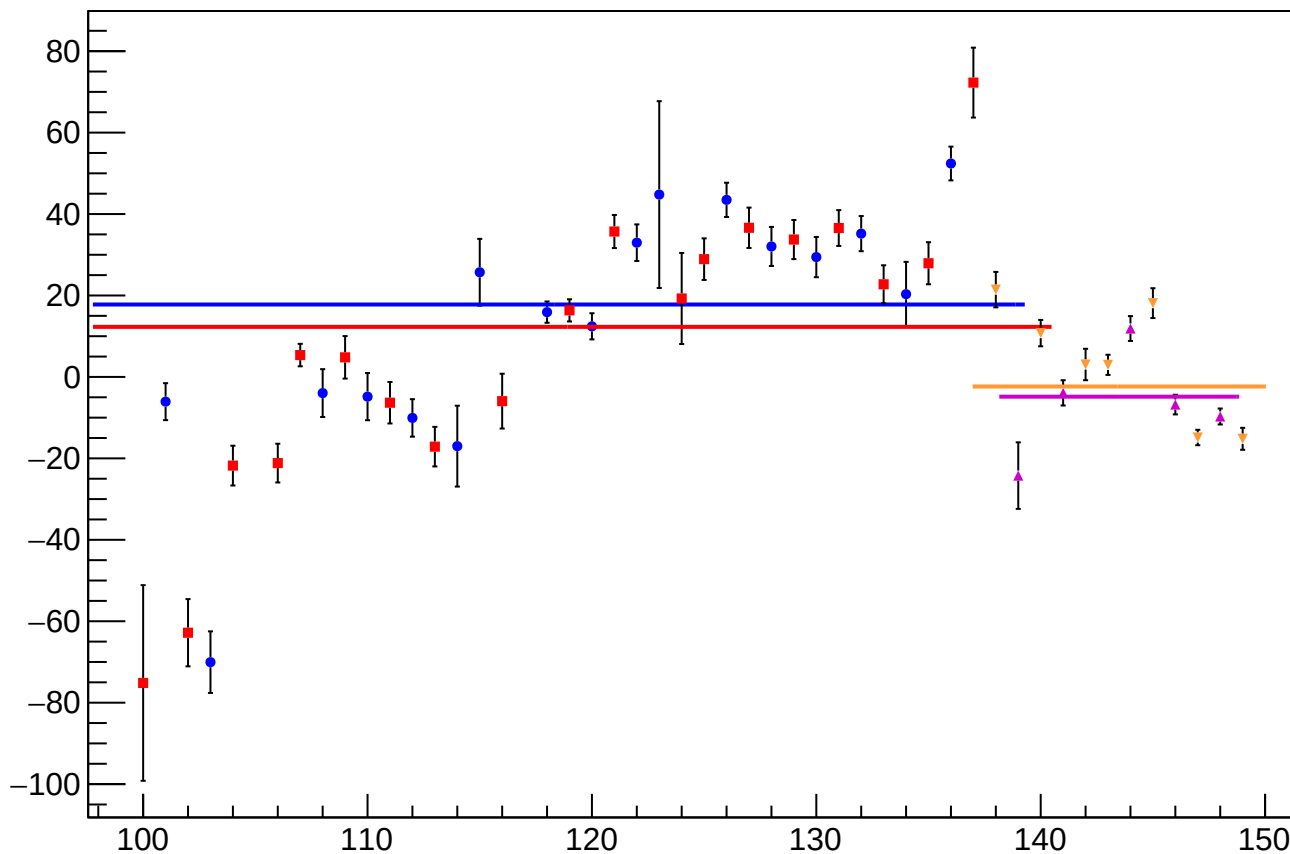
Left In: 226.752+/-1.904 χ^2/NDF :34.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.071+/-1.227 χ^2/NDF : 1287.3/11

- 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 ± 1.146 χ^2/NDF : 395.1/16

Left Out: -2.353 ± 1.073 χ^2/NDF : 150.5/6

Right Out: 12.294 ± 1.086 χ^2/NDF : 443.7/18

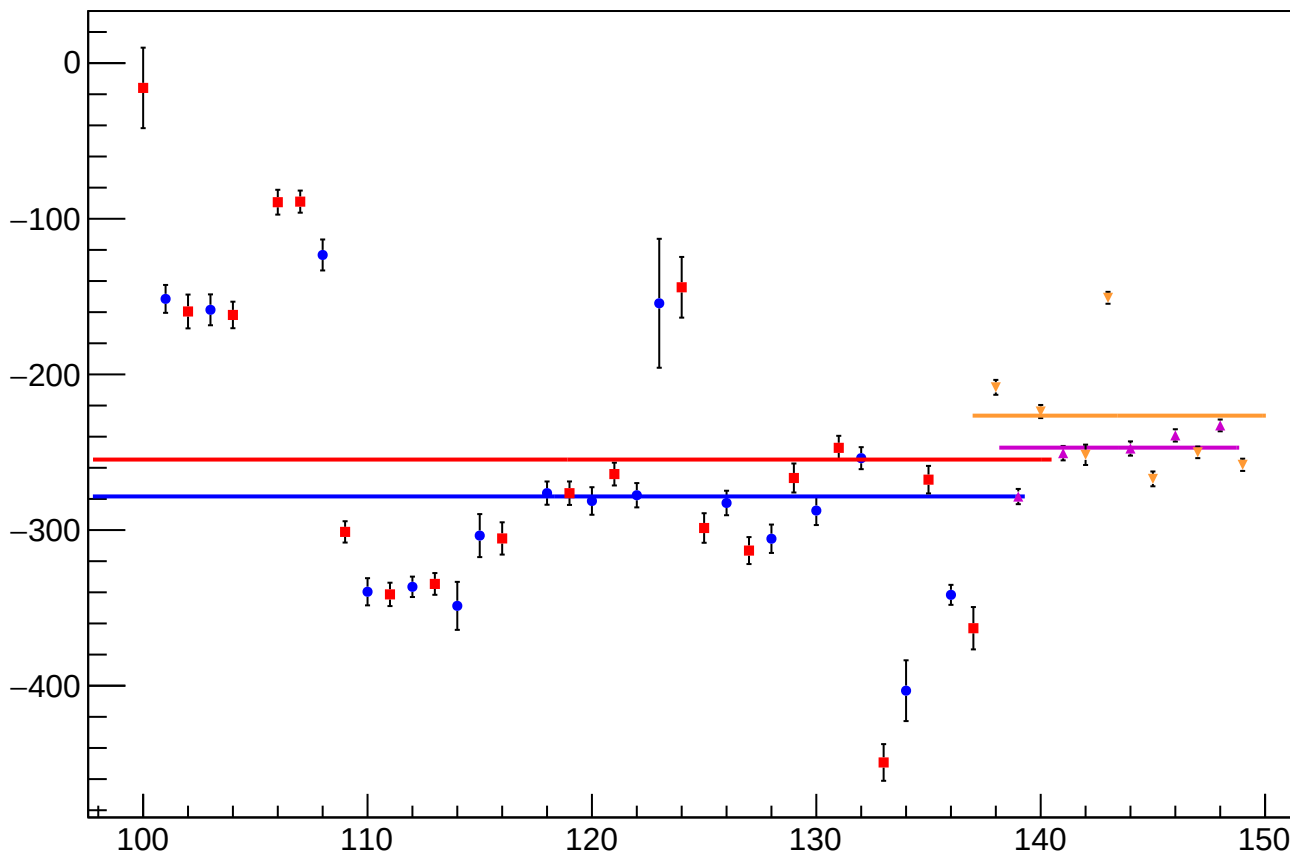
Left In: -4.848 ± 1.232 χ^2/NDF : 42.6/4

+ sign 7.047 ± 0.783 χ^2/NDF : 710.1/23

All: 5.967 ± 0.565 χ^2/NDF : 1309.4/47

- sign 4.799 ± 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: -226.485 ± 1.639 $\chi^2/\text{NDF}: 598.2/6$

Right Out: -254.703 ± 2.020 $\chi^2/\text{NDF}: 2038.5/18$

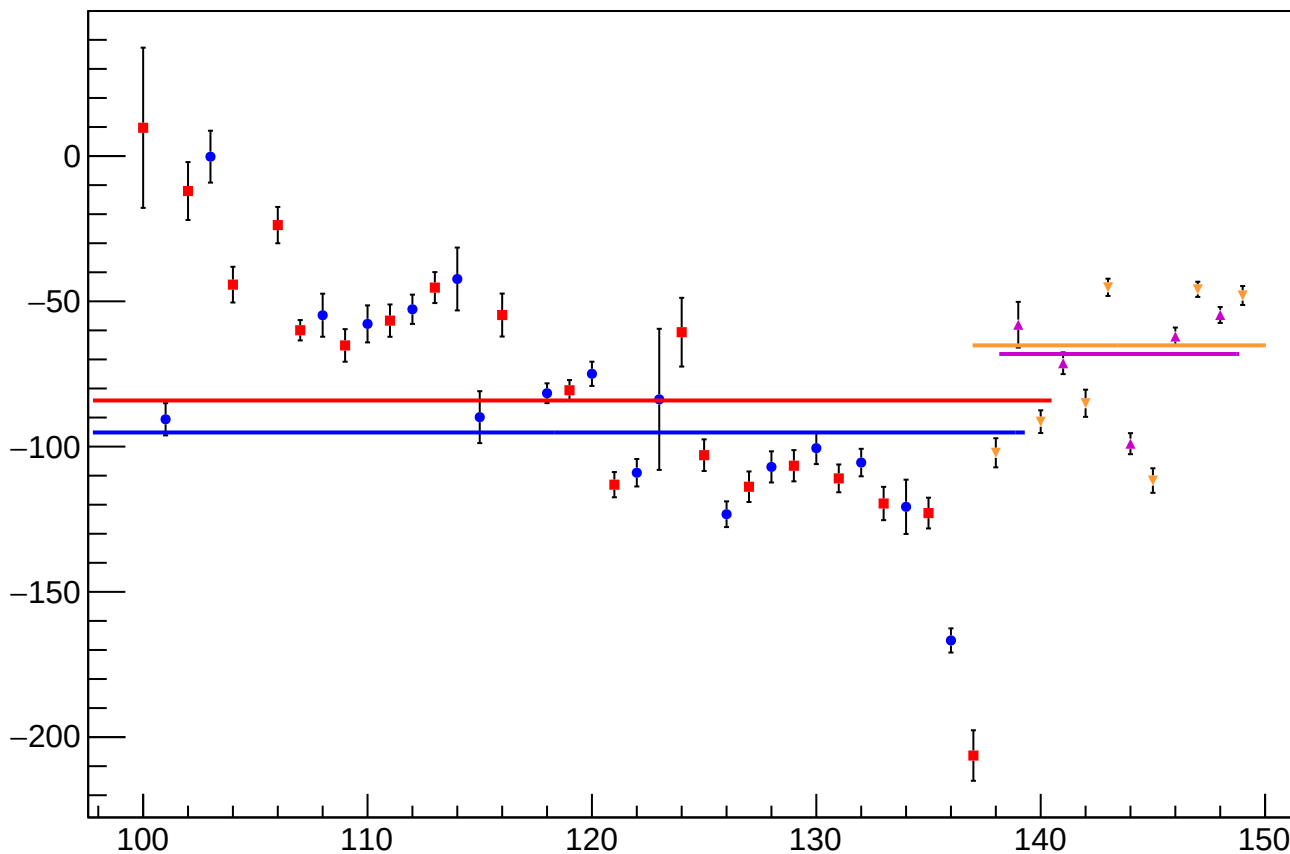
Left In: -247.051 ± 1.926 $\chi^2/\text{NDF}: 59.9/4$

+ sign -245.369 ± 1.307 $\chi^2/\text{NDF}: 1873.6/23$

All: -247.861 ± 0.954 $\chi^2/\text{NDF}: 3987.3/47$

- 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: -65.153 ± 1.335 χ^2/NDF : 366.8/6

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

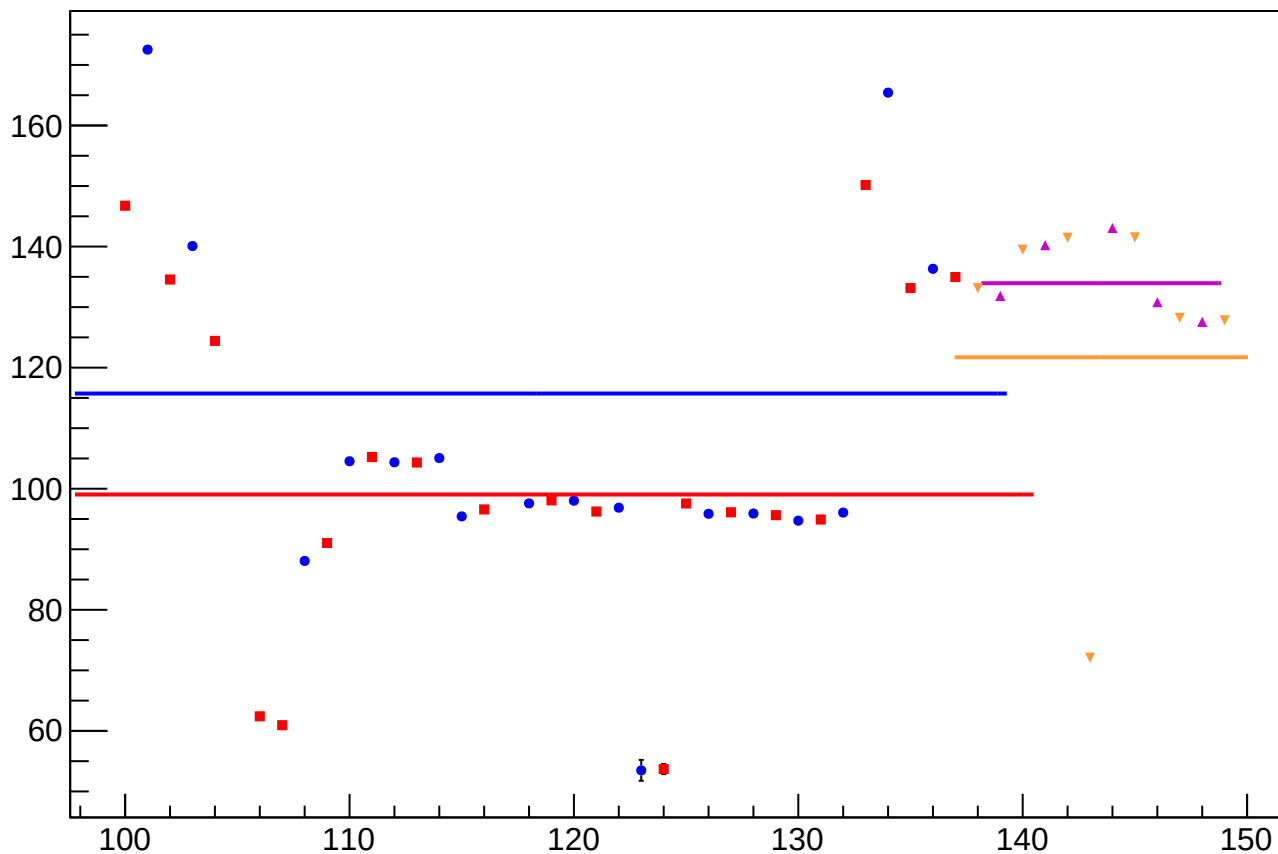
Left In: -68.128 ± 1.577 χ^2/NDF : 103.0/4

+ sign -80.280 ± 0.939 χ^2/NDF : 1296.3/23

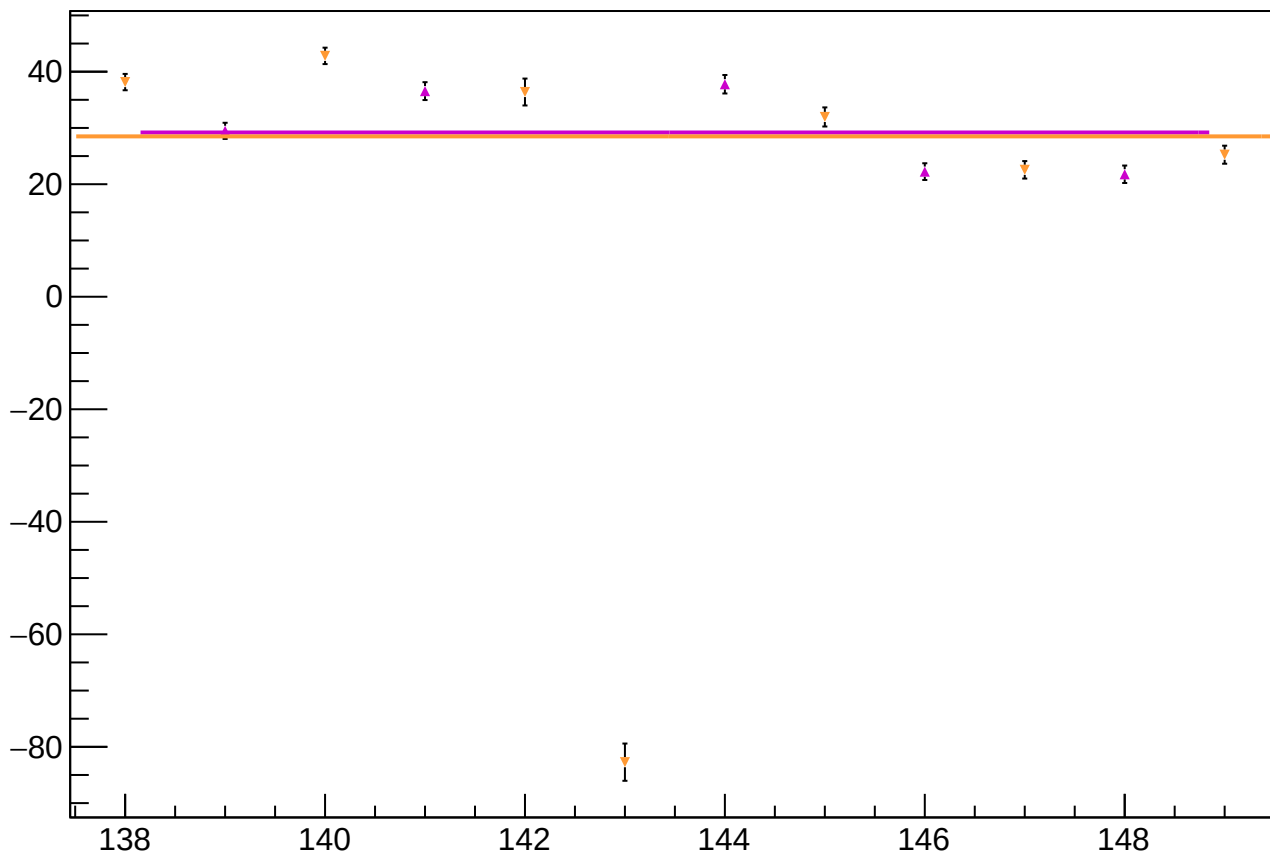
All: -79.144 ± 0.679 χ^2/NDF : 2248.1/47

- sign -77.898 ± 0.984 χ^2/NDF : 948.7/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



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: 28.500+/-0.651 χ^2/NDF :1302.9/6

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

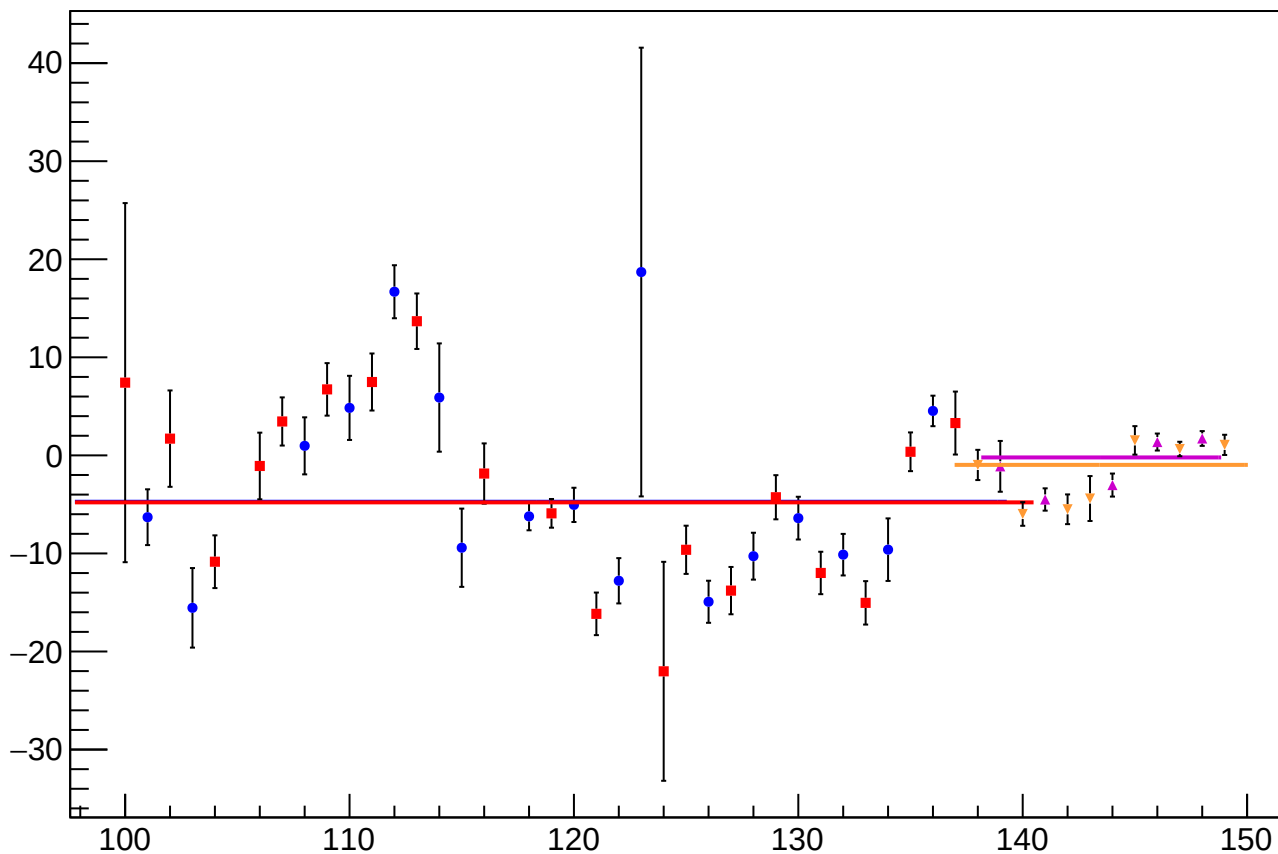
Left In: 29.192+/-0.686 χ^2/NDF :93.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.828+/-0.472 χ^2/NDF : 1397.1/11

- 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: -0.969 ± 0.448 χ^2/NDF : 40.2/6

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

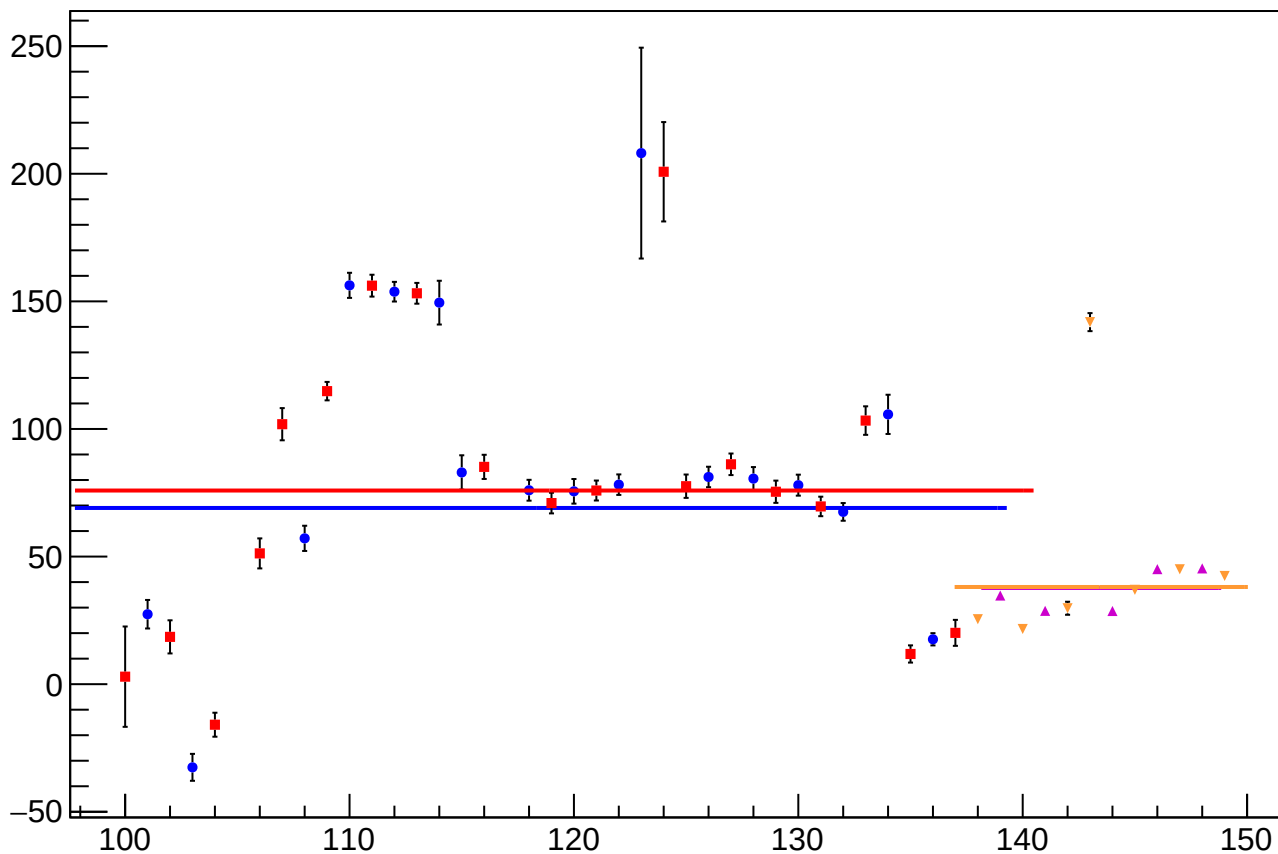
Left In: -0.210 ± 0.459 χ^2/NDF : 29.9/4

+ sign -2.374 ± 0.354 χ^2/NDF : 241.4/23

All: -2.169 ± 0.253 χ^2/NDF : 503.4/47

- 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: 38.083 $\pm$ 0.661 χ^2 /NDF:1081.2/6

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

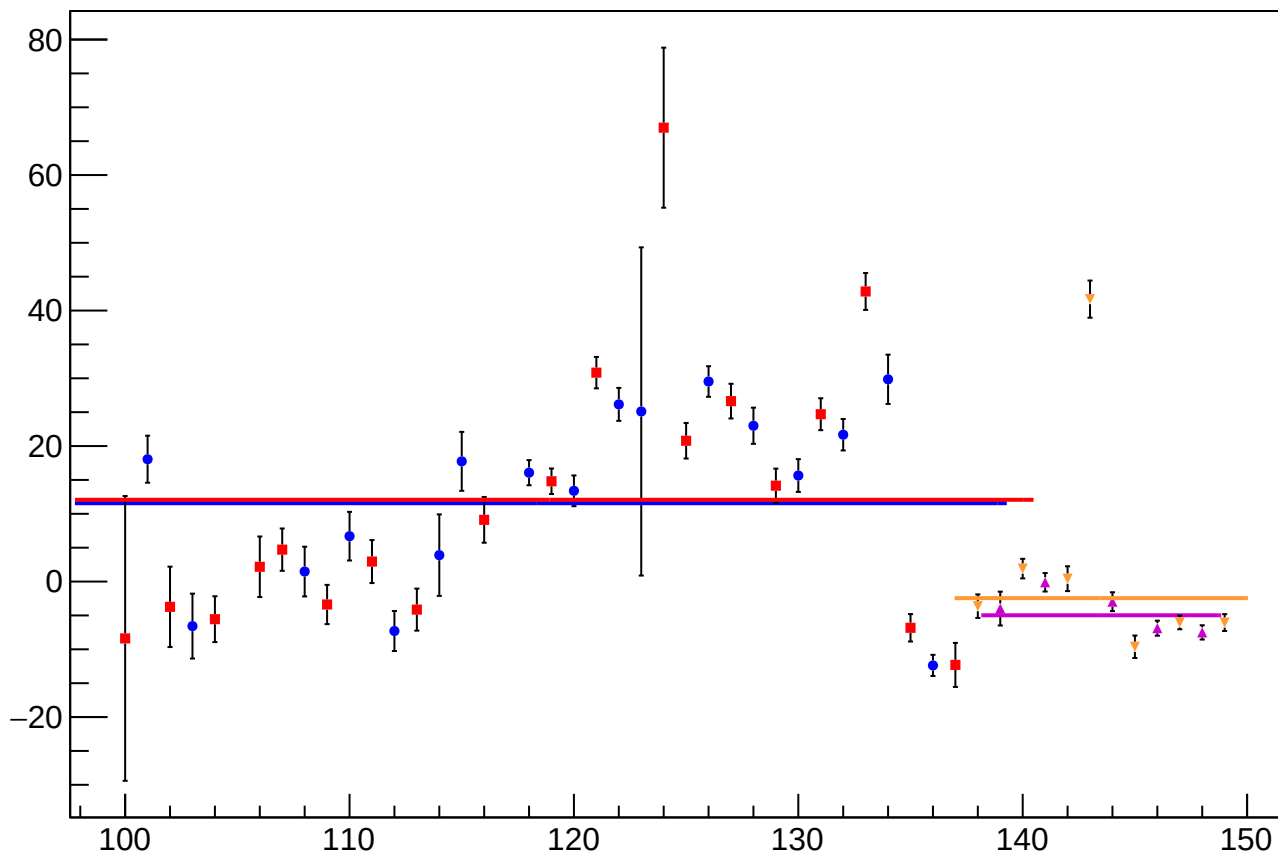
Left In: 37.692 $\pm$ 0.697 χ^2 /NDF:113.0/4

+ sign 46.558 $\pm$ 0.563 χ^2 /NDF: 3529.8/23

All: 47.769 $\pm$ 0.405 χ^2 /NDF: 6442.5/47

- sign 49.070 $\pm$ 0.584 χ^2 /NDF: 2903.0/23

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 ± 0.658 $\chi^2/\text{NDF}: 478.2/16$

Left Out: -2.448 ± 0.557 $\chi^2/\text{NDF}: 310.5/6$

Right Out: 12.071 ± 0.665 $\chi^2/\text{NDF}: 543.3/18$

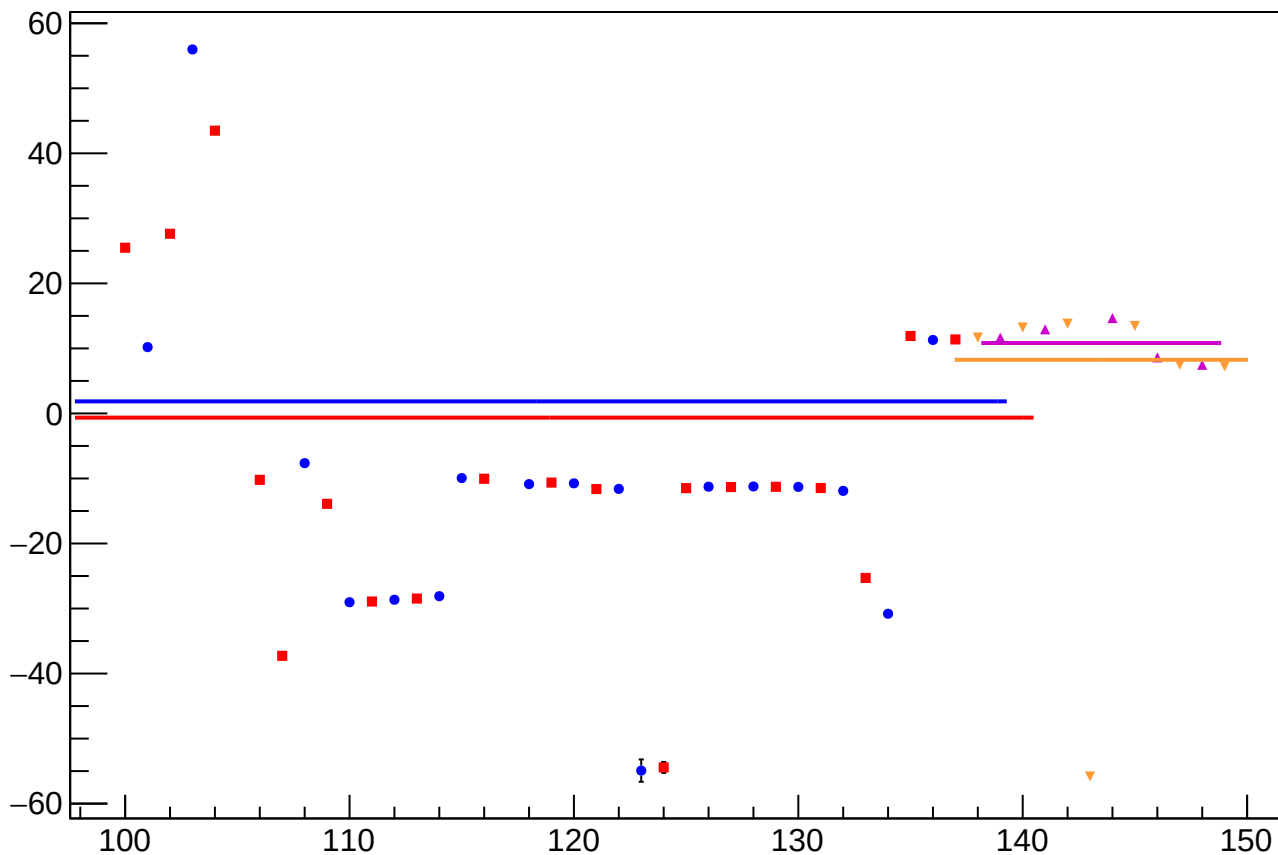
Left In: -4.977 ± 0.585 $\chi^2/\text{NDF}: 23.6/4$

+ sign 3.400 ± 0.425 $\chi^2/\text{NDF}: 1052.8/23$

All: 2.947 ± 0.305 $\chi^2/\text{NDF}: 1993.0/47$

- sign 2.463 ± 0.439 $\chi^2/\text{NDF}: 937.9/23$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 $\pm$ 0.037 χ^2/NDF : 359414.1/16

Left Out: 8.247 $\pm$ 0.028 χ^2/NDF : 222242.9/6

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361625.7/18

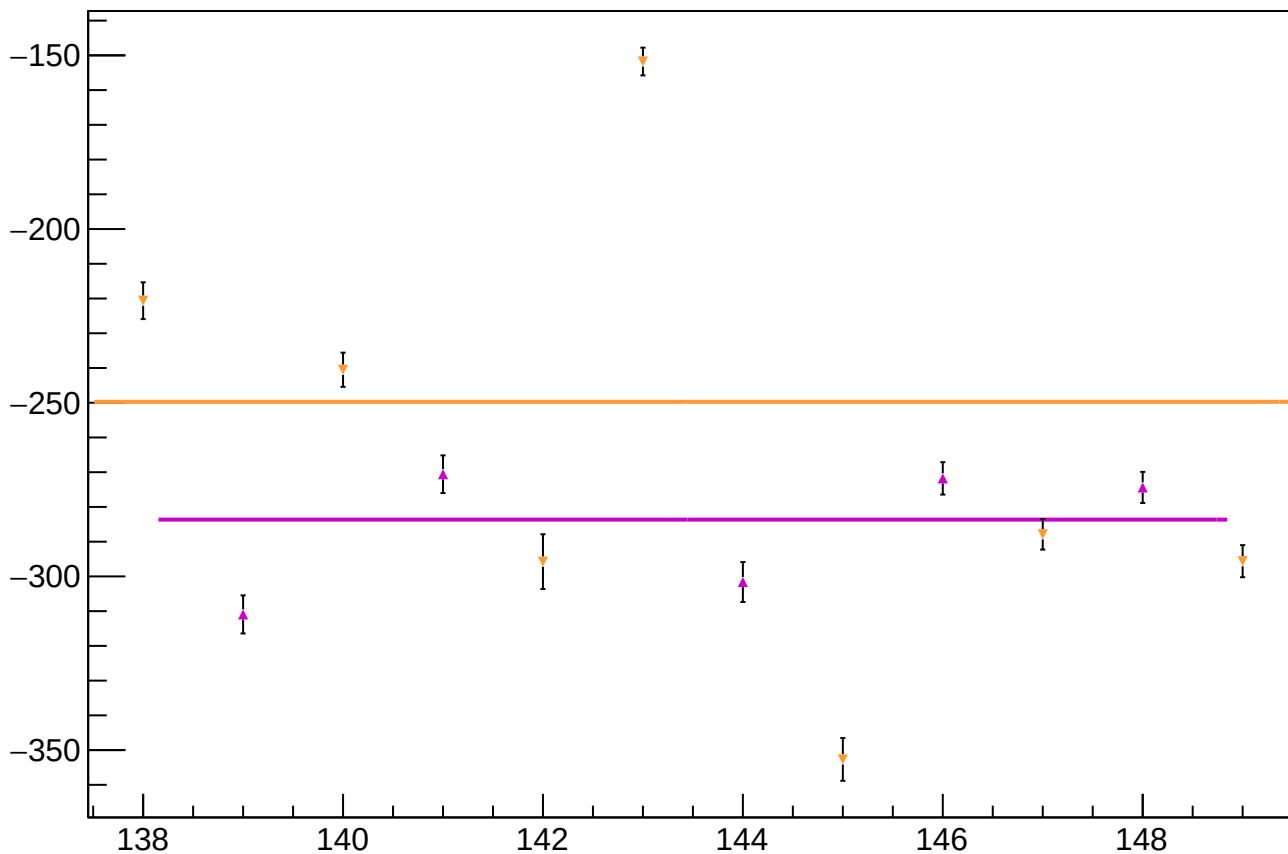
Left In: 10.831 $\pm$ 0.029 χ^2/NDF : 7717.0/4

+ sign 5.934 $\pm$ 0.022 χ^2/NDF : 600699.9/23

All: 6.222 $\pm$ 0.016 χ^2/NDF : 1030279.2/47

- sign 6.522 $\pm$ 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: -249.742+/-1.887 χ^2/NDF : 1124.2/6

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

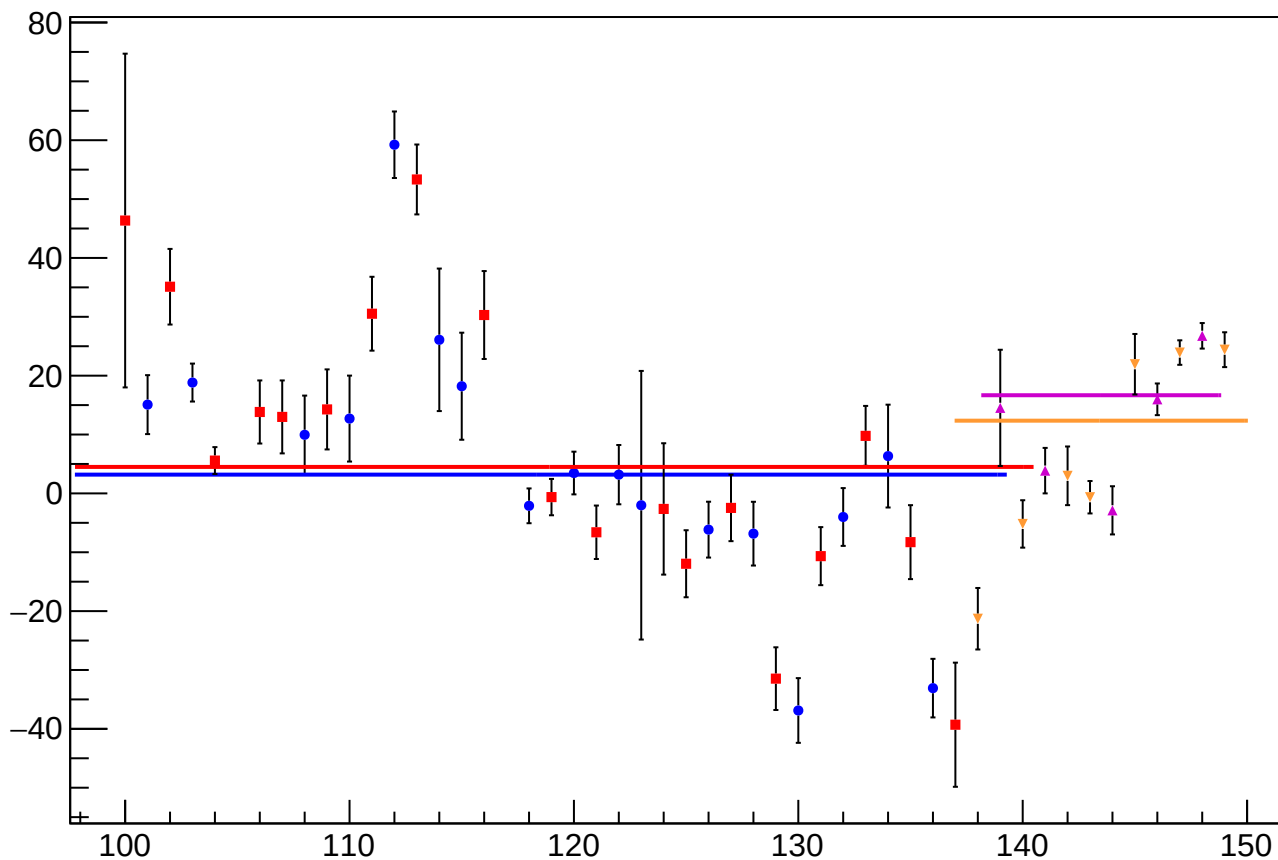
Left In: -283.651+/-2.274 χ^2/NDF : 51.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.567+/-1.452 χ^2/NDF : 1307.0/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: 12.355 ± 1.237 χ^2/NDF : 137.2/6

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

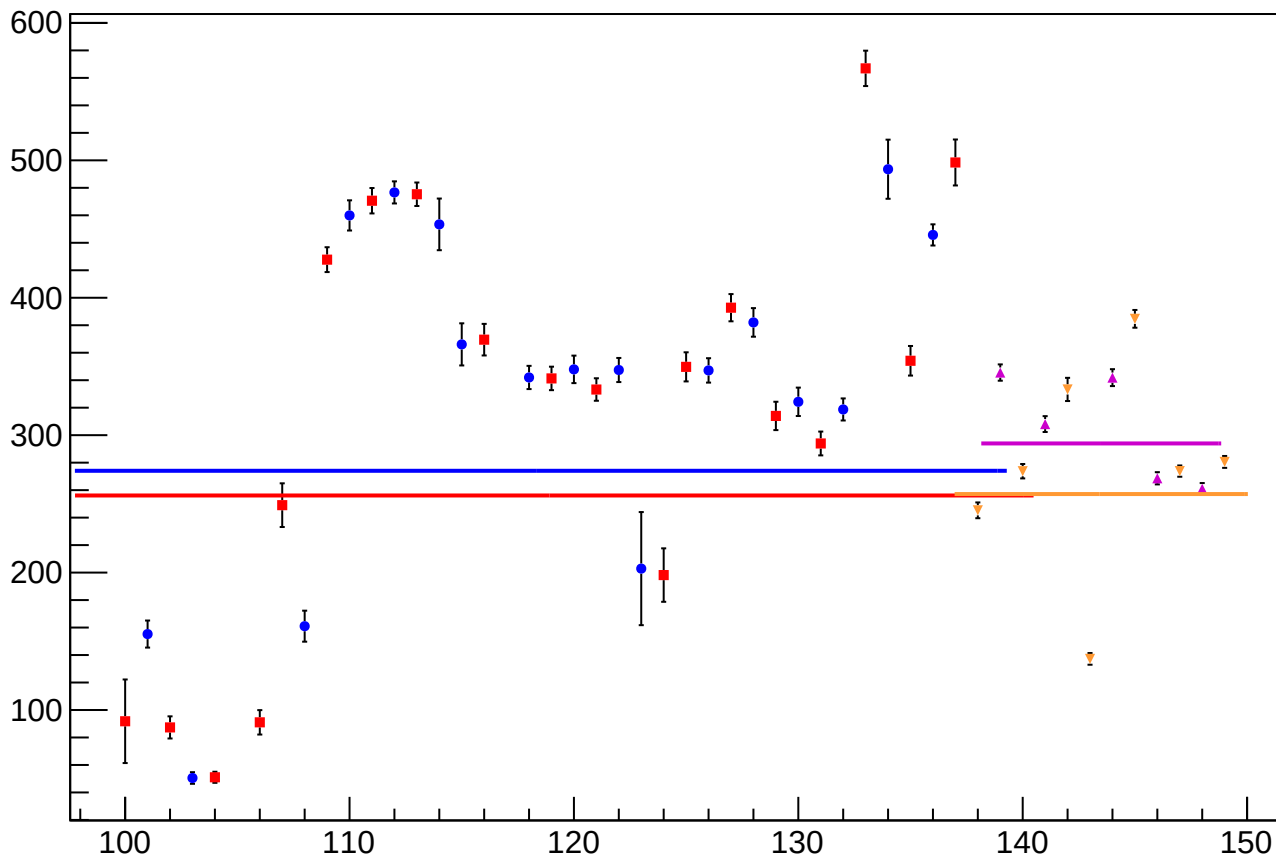
Left In: 16.676 ± 1.433 χ^2/NDF : 55.6/4

+ sign 7.726 ± 0.871 χ^2/NDF : 420.6/23

All: 8.495 ± 0.626 χ^2/NDF : 746.8/47

- sign 9.318 ± 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: 257.148 $\pm$ 1.914 χ^2/NDF :1325.0/6

Right Out: 256.109 $\pm$ 2.080 χ^2/NDF : 6444.1/18

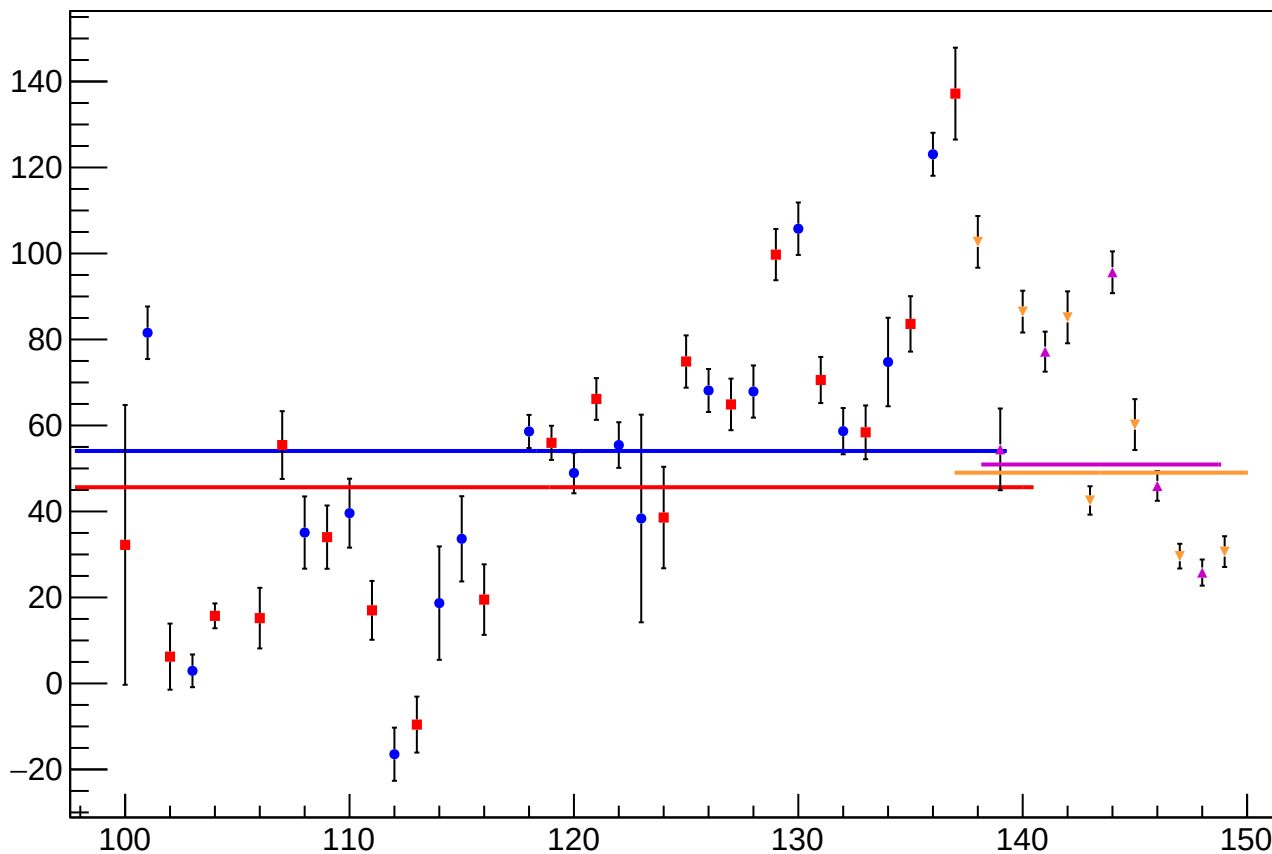
Left In: 293.981 $\pm$ 2.282 χ^2/NDF :236.4/4

+ sign 264.478 $\pm$ 1.442 χ^2/NDF : 6470.8/23

All: 268.605 $\pm$ 1.052 χ^2/NDF : 13319.2/47

- 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: 49.019 $\pm$ 1.548 χ^2 /NDF:254.2/6

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

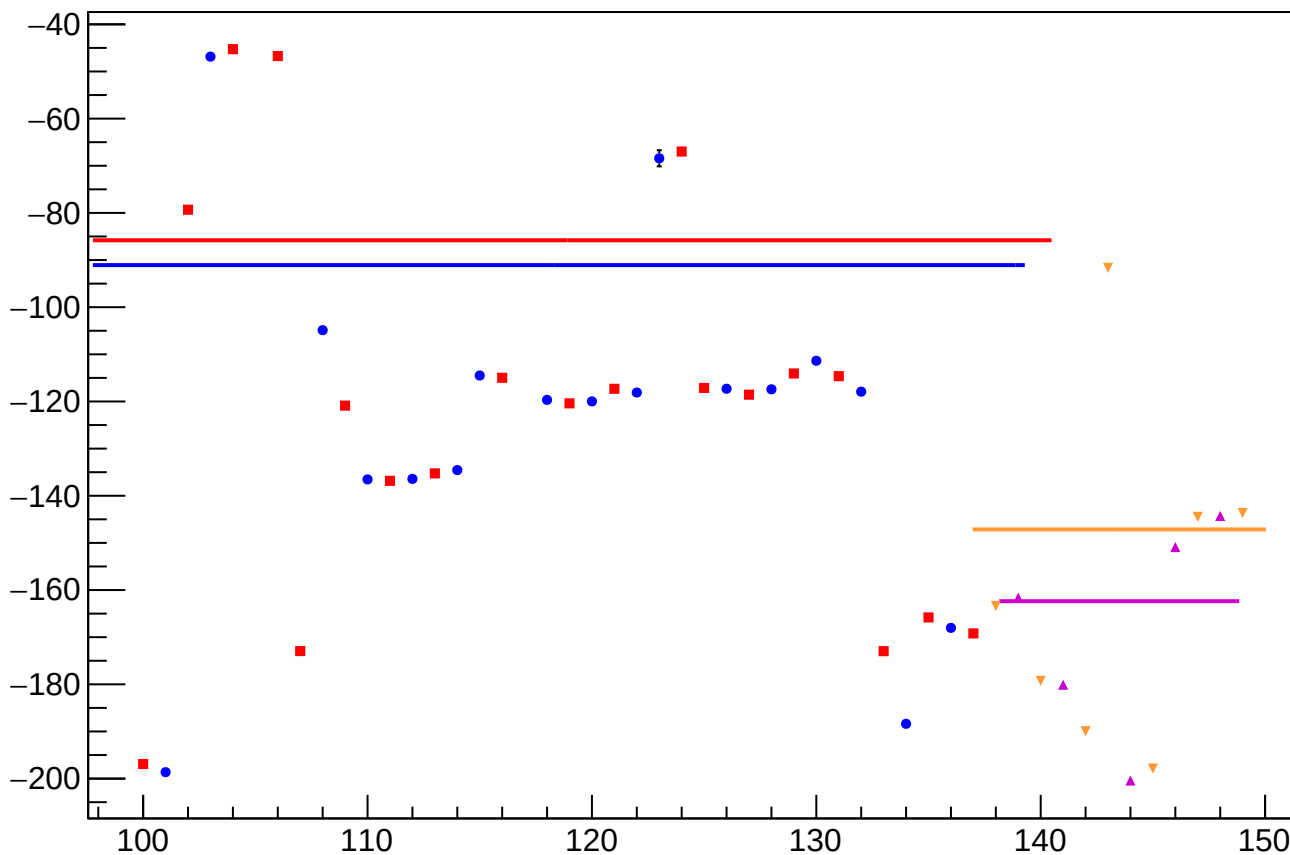
Left In: 50.922 $\pm$ 1.851 χ^2 /NDF:187.2/4

+ sign 51.759 $\pm$ 1.047 χ^2 /NDF: 894.4/23

All: 49.721 $\pm$ 0.757 χ^2 /NDF: 1625.7/47

- 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+/-0.068 χ^2/NDF : 534647.5/16

Left Out: -147.146+/-0.081 χ^2/NDF : 186180.3/6

Right Out: -85.803+/-0.065 χ^2/NDF : 495895.1/18

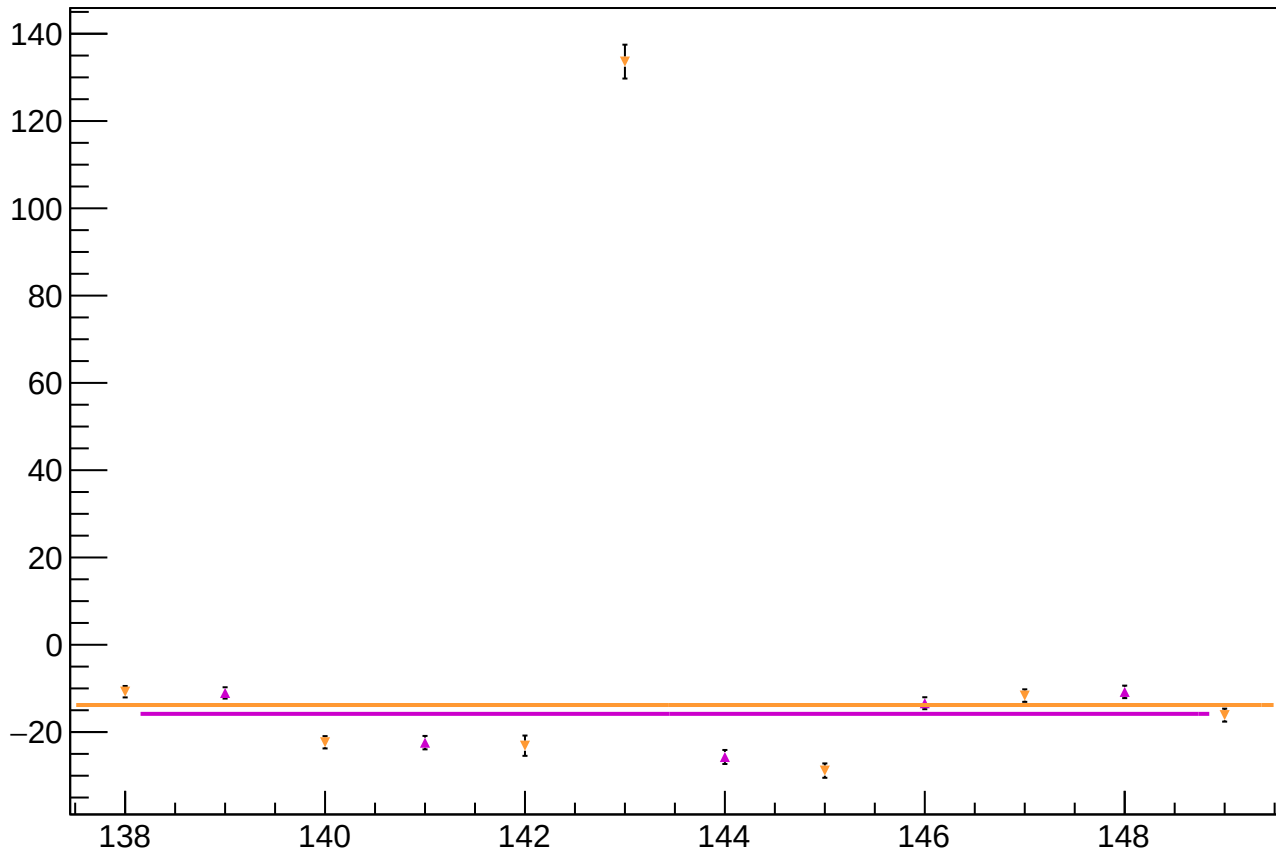
Left In: -162.363+/-0.096 χ^2/NDF : 38910.4/4

+ sign -113.996+/-0.052 χ^2/NDF : 1002683.5/23

All: -112.093+/-0.037 χ^2/NDF : 1979148.5/47

- sign -110.053+/-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: -13.800+/-0.615 χ^2/NDF :1588.7/6

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

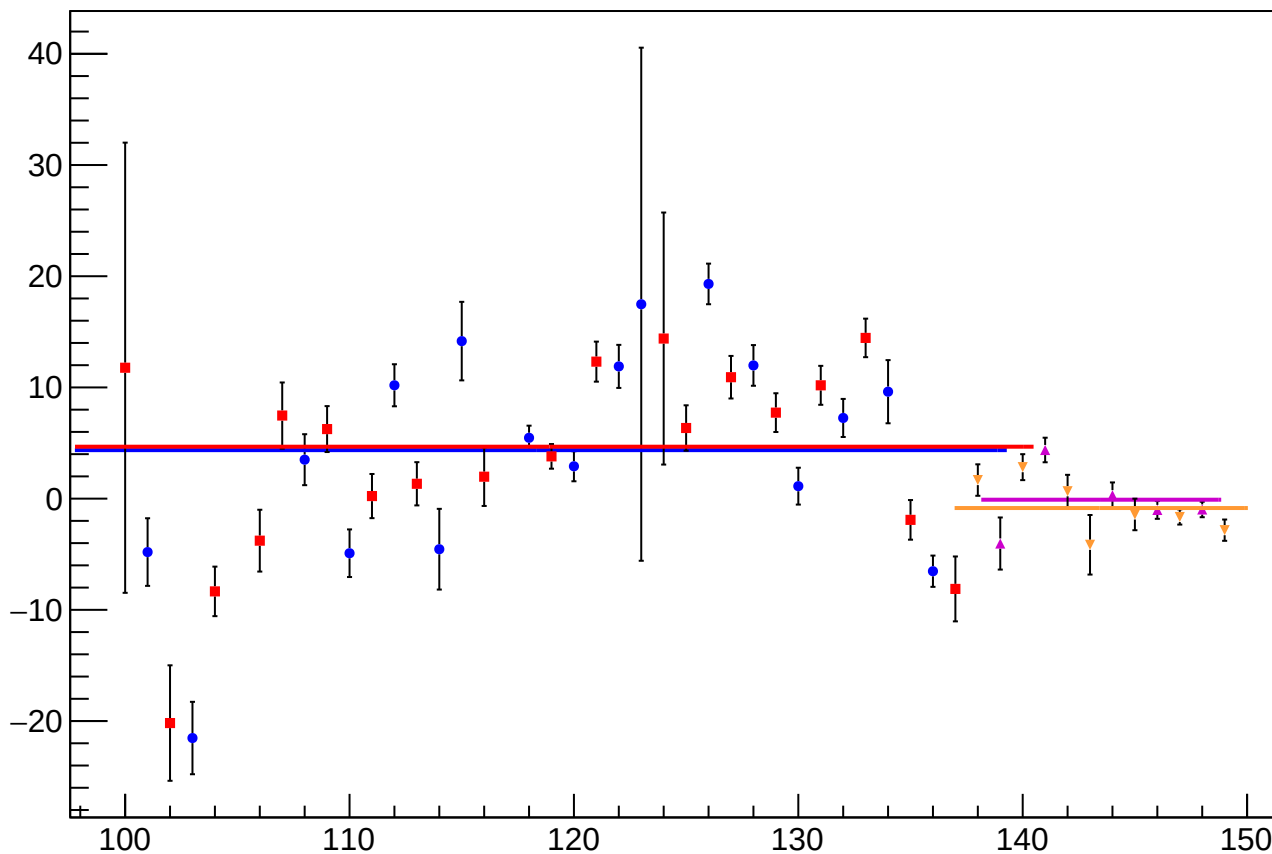
Left In: -15.828+/-0.642 χ^2/NDF :85.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.771+/-0.444 χ^2/NDF : 1679.3/11

- 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: -0.846 ± 0.424 χ^2/NDF : 21.5/6

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

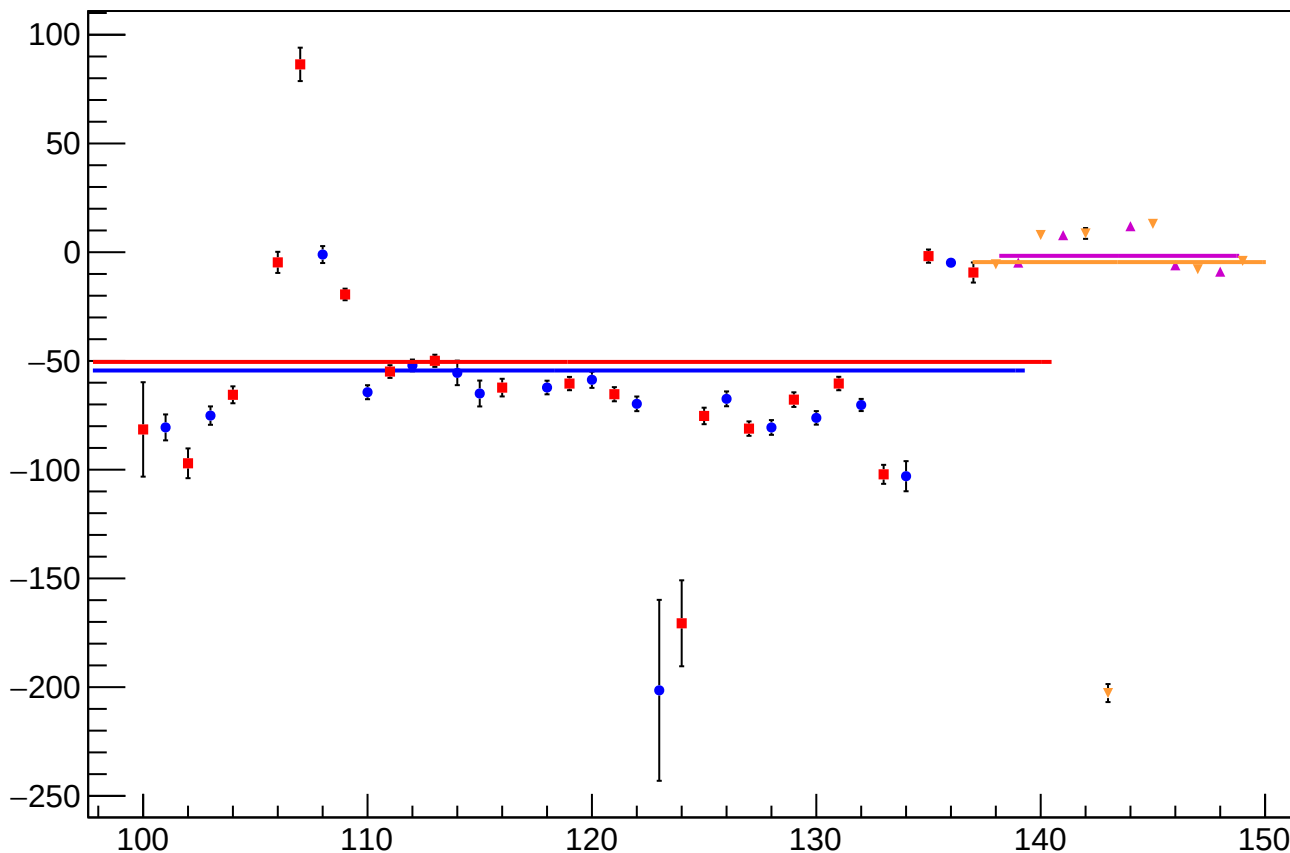
Left In: -0.097 ± 0.431 χ^2/NDF : 22.3/4

+ sign 1.520 ± 0.313 χ^2/NDF : 376.7/23

All: 1.784 ± 0.223 χ^2/NDF : 641.1/47

- 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: -4.545±/0.624 χ^2/NDF : 2496.9/6

Right Out: -50.441±/0.857 χ^2/NDF : 1324.7/18

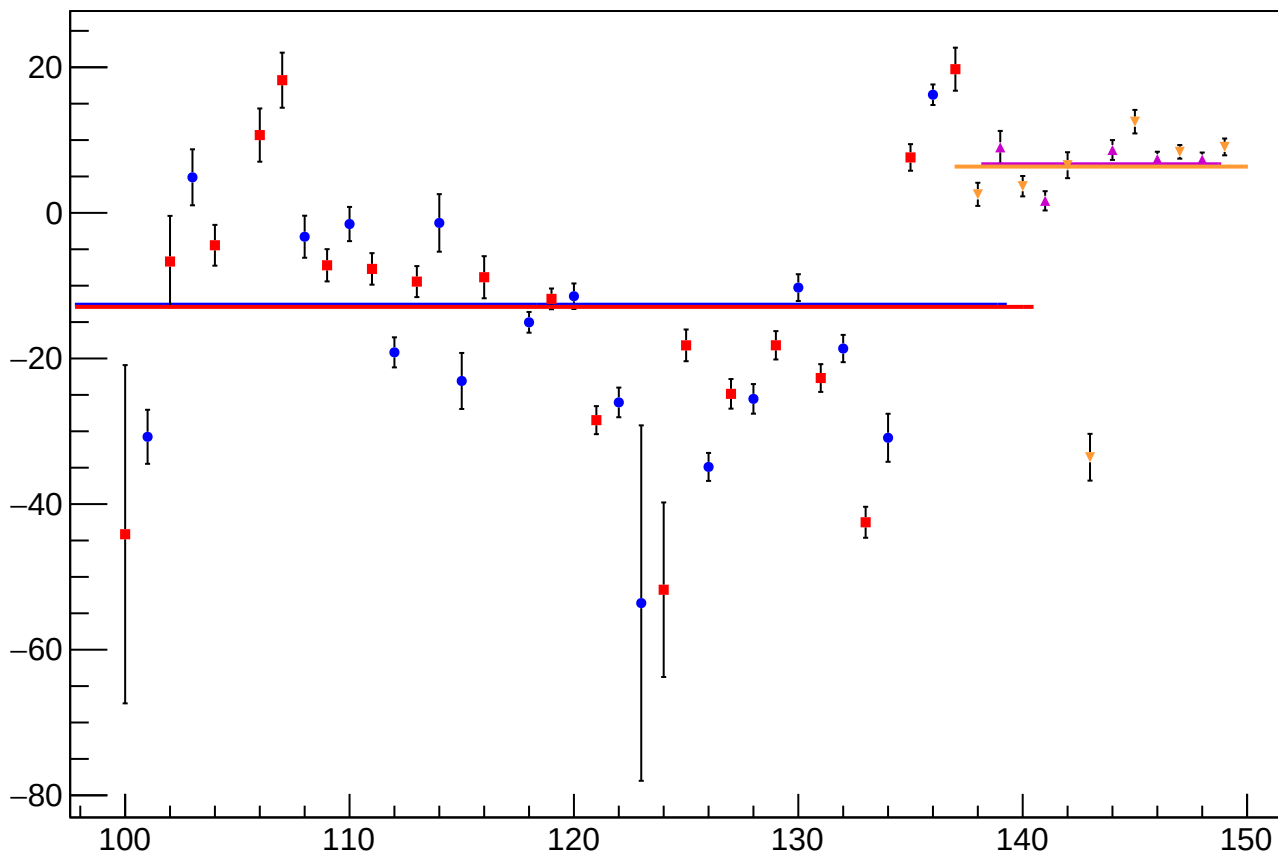
Left In: -1.660±/0.651 χ^2/NDF : 141.8/4

+ sign -21.667±/0.506 χ^2/NDF : 5703.0/23

All: -20.617±/0.362 χ^2/NDF : 9230.9/47

- 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 $\pm$ 0.530 χ^2 /NDF: 788.2/16

Left Out: 6.358 $\pm$ 0.528 χ^2 /NDF:188.7/6

Right Out: -12.912 $\pm$ 0.538 χ^2 /NDF: 730.2/18

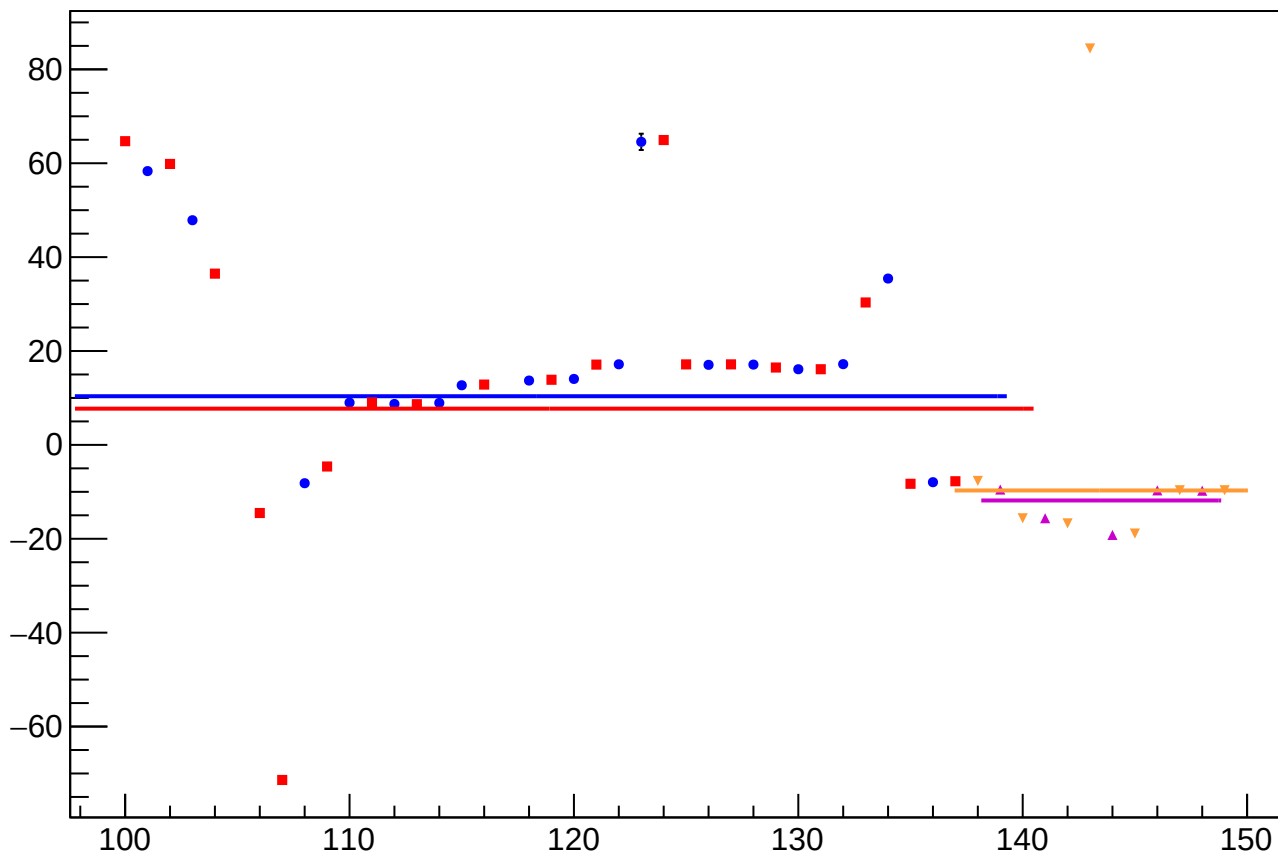
Left In: 6.674 $\pm$ 0.549 χ^2 /NDF:18.4/4

+ sign -3.090 $\pm$ 0.374 χ^2 /NDF: 1619.9/23

All: -3.201 $\pm$ 0.268 χ^2 /NDF: 3017.5/47

- sign -3.318 $\pm$ 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: -9.709+/-0.026 χ^2/NDF : 354315.9/6

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

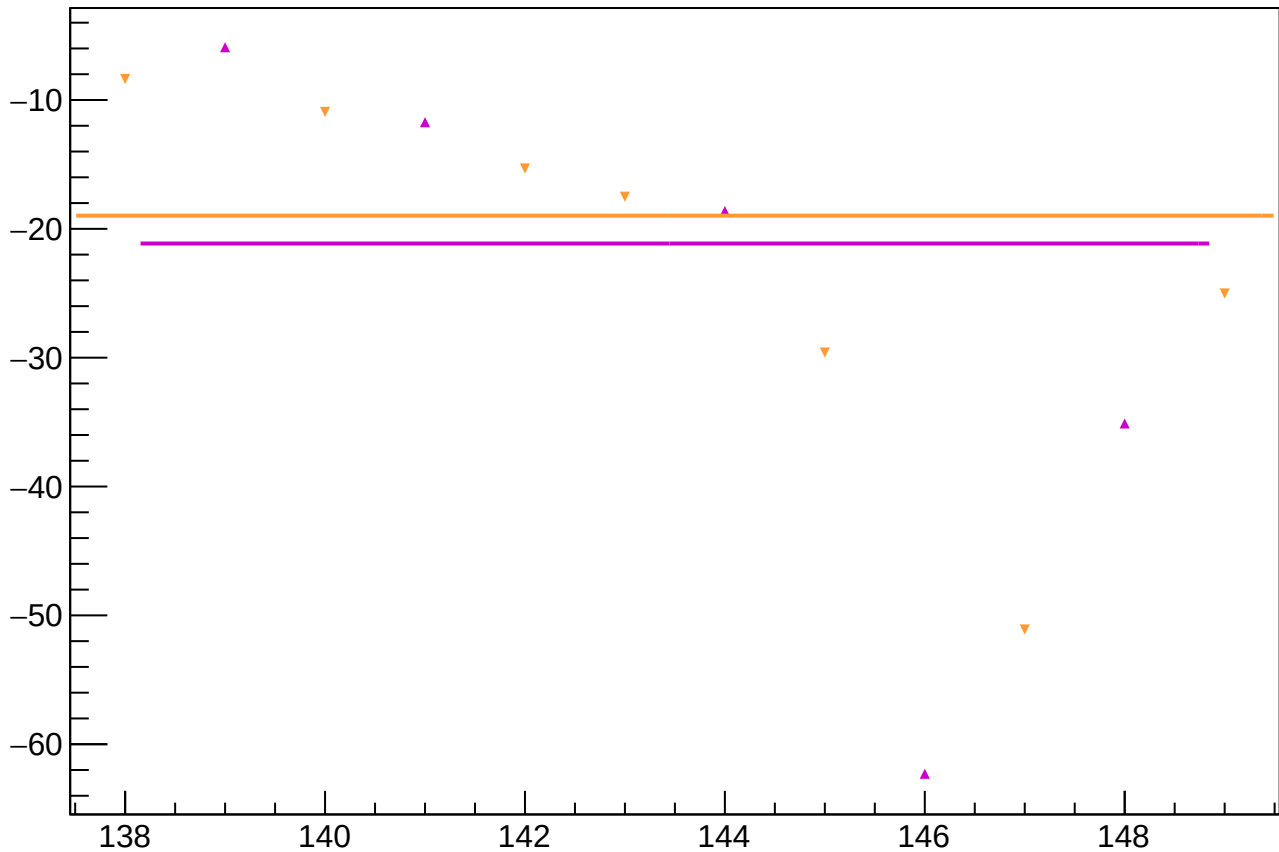
Left In: -11.839+/-0.027 χ^2/NDF : 17628.8/4

+ sign -1.158+/-0.020 χ^2/NDF : 983420.8/23

All: -2.333+/-0.014 χ^2/NDF : 1778989.3/47

- 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: -18.977+/-0.103 χ^2/NDF : 14312.0/6

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

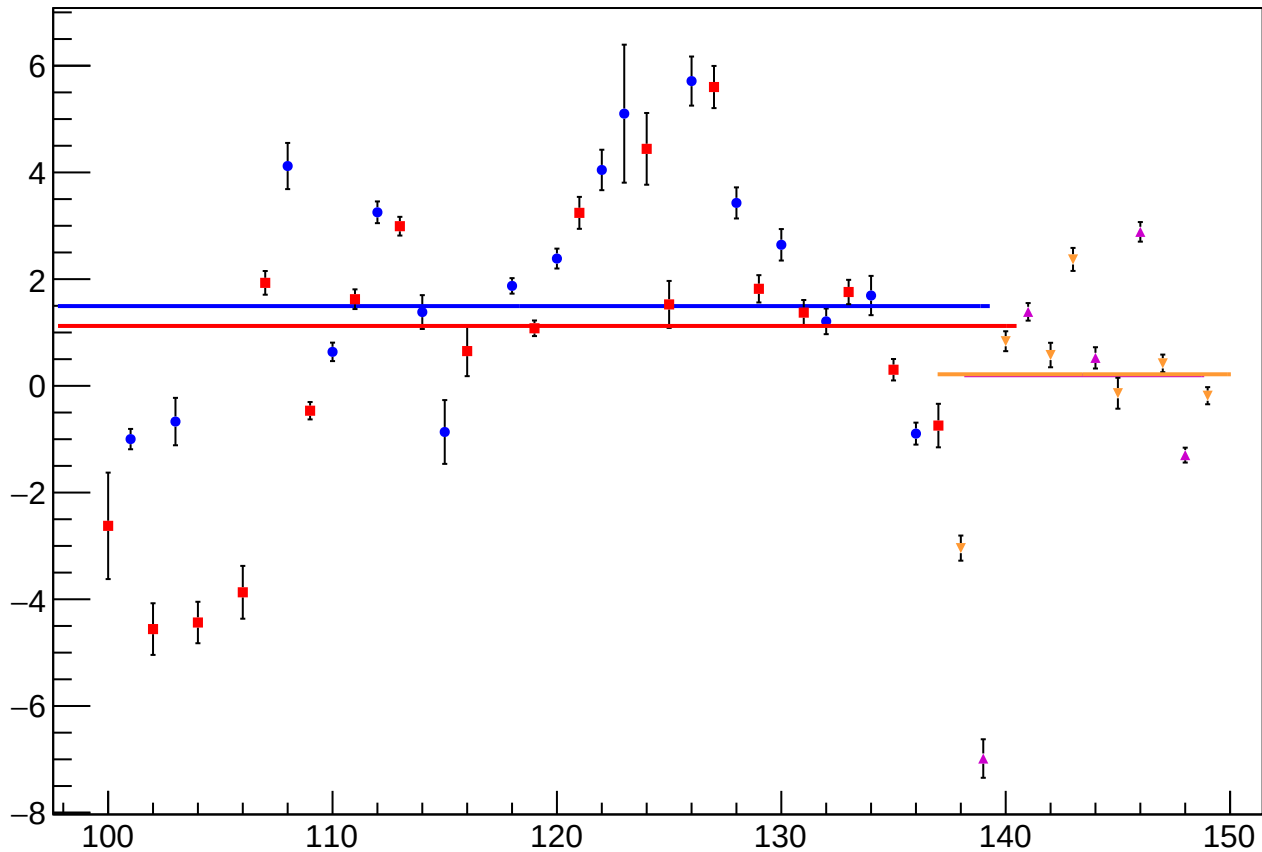
Left In: -21.140+/-0.112 χ^2/NDF : 27270.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.967+/-0.076 χ^2/NDF : 41784.7/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: 0.217 ± 0.076 χ^2/NDF : 314.1/6

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

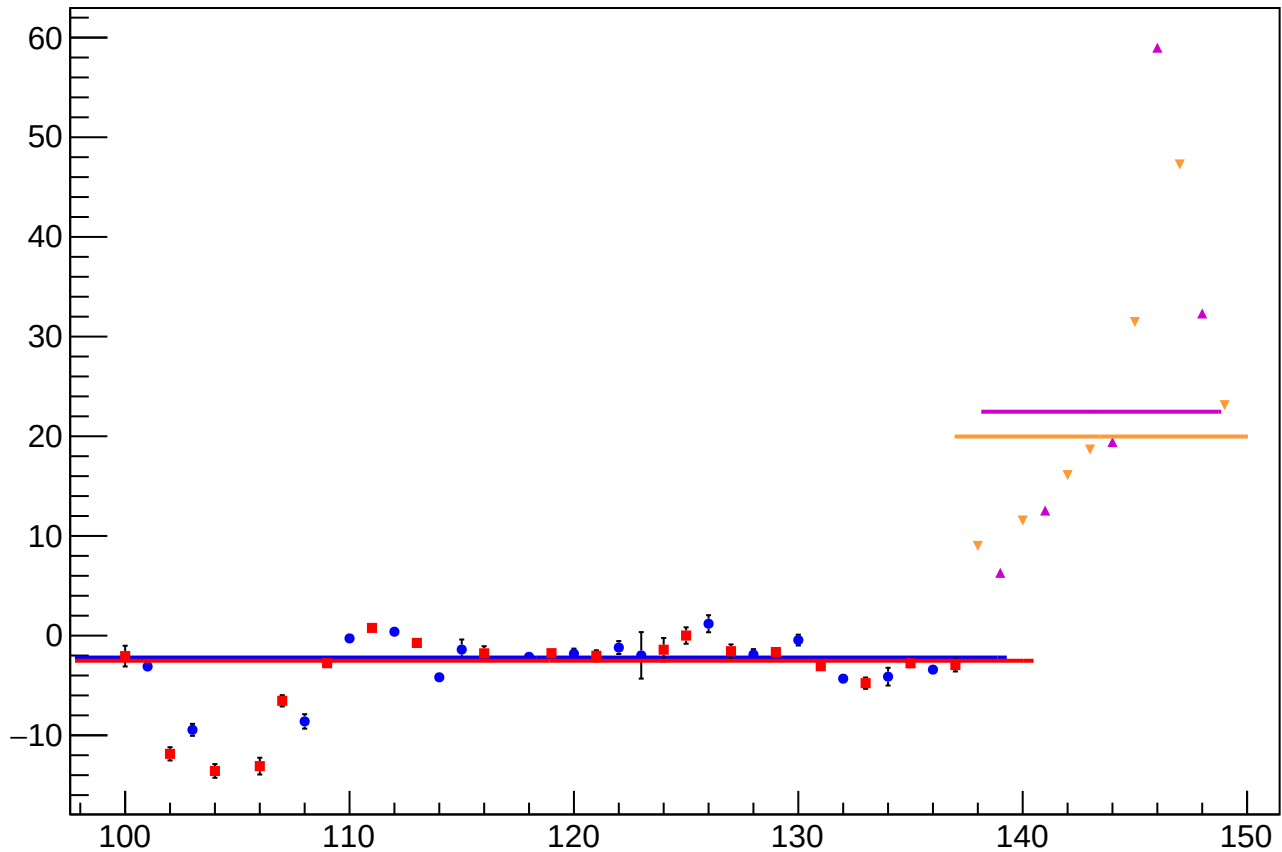
Left In: 0.199 ± 0.081 χ^2/NDF : 779.9/4

+ sign 0.990 ± 0.048 χ^2/NDF : 1196.0/23

All: 0.900 ± 0.034 χ^2/NDF : 3014.6/47

- sign 0.811 ± 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: 19.975 ± 0.106 χ^2/NDF : 12149.2/6

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

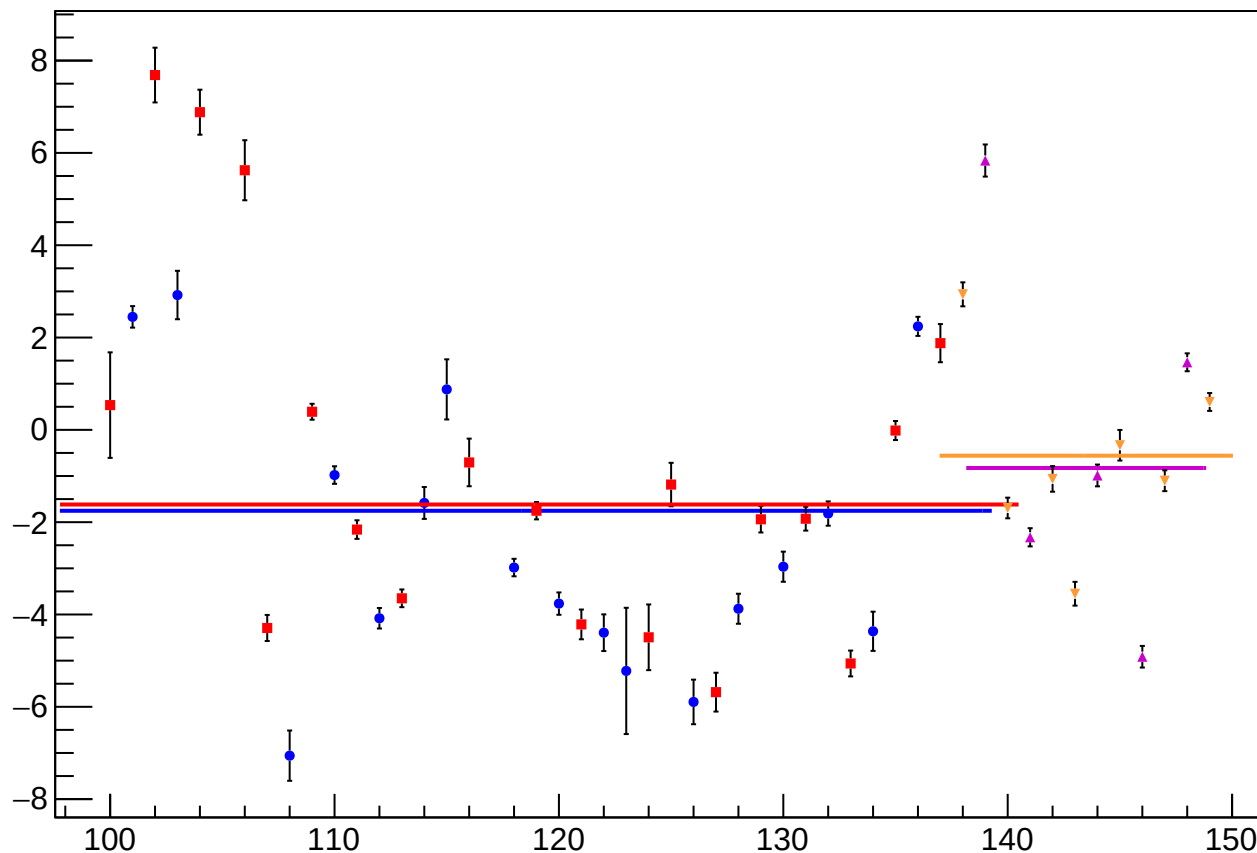
Left In: 22.465 ± 0.115 χ^2/NDF : 23603.4/4

+ sign 9.358 ± 0.077 χ^2/NDF : 33569.2/23

All: 8.698 ± 0.054 χ^2/NDF : 85224.7/47

- 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: -0.560 ± 0.092 χ^2/NDF : 387.4/6

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

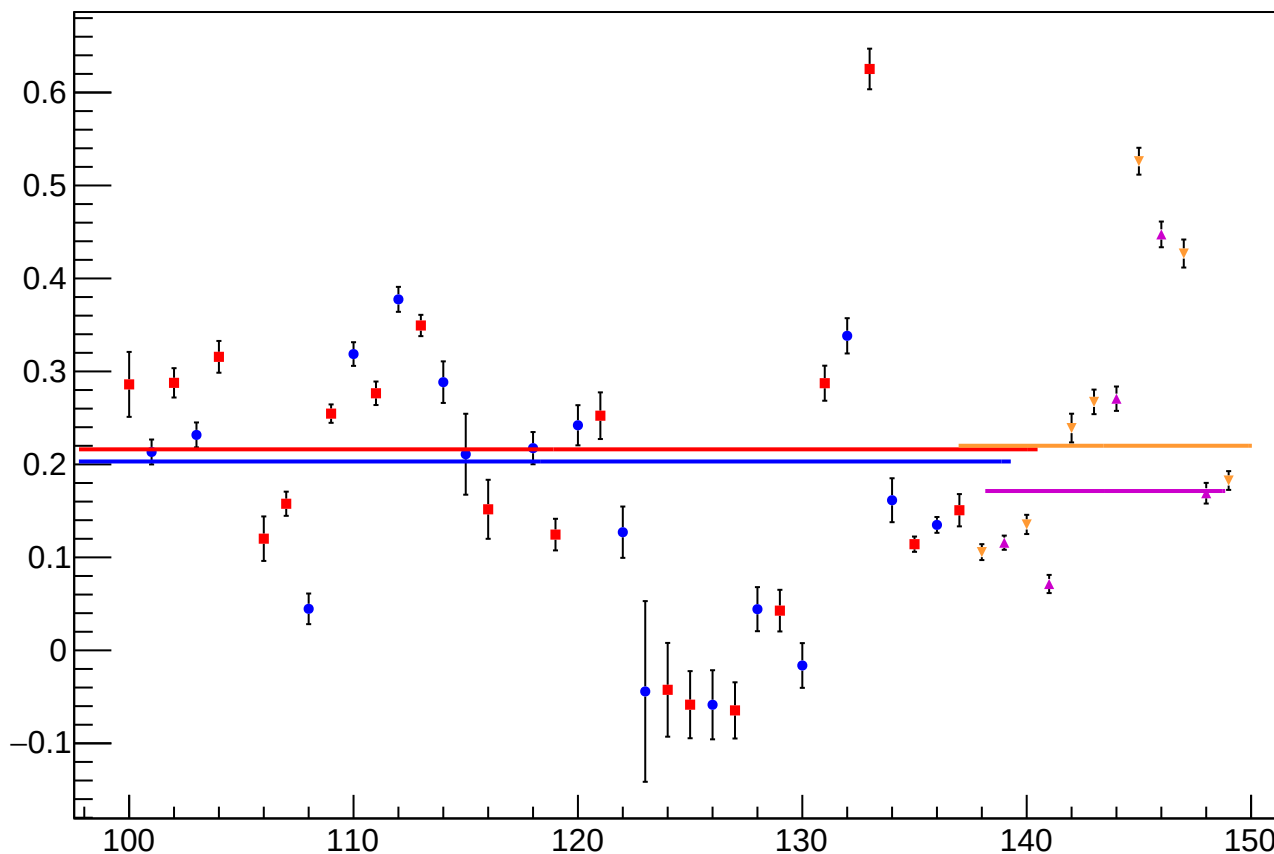
Left In: -0.826 ± 0.102 χ^2/NDF : 869.2/4

+ sign -1.313 ± 0.056 χ^2/NDF : 1838.8/23

All: -1.349 ± 0.039 χ^2/NDF : 4239.2/47

- 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: 0.220 $\pm$ 0.004 χ^2/NDF : 911.2/6

Right Out: 0.216 $\pm$ 0.004 χ^2/NDF : 1067.3/18

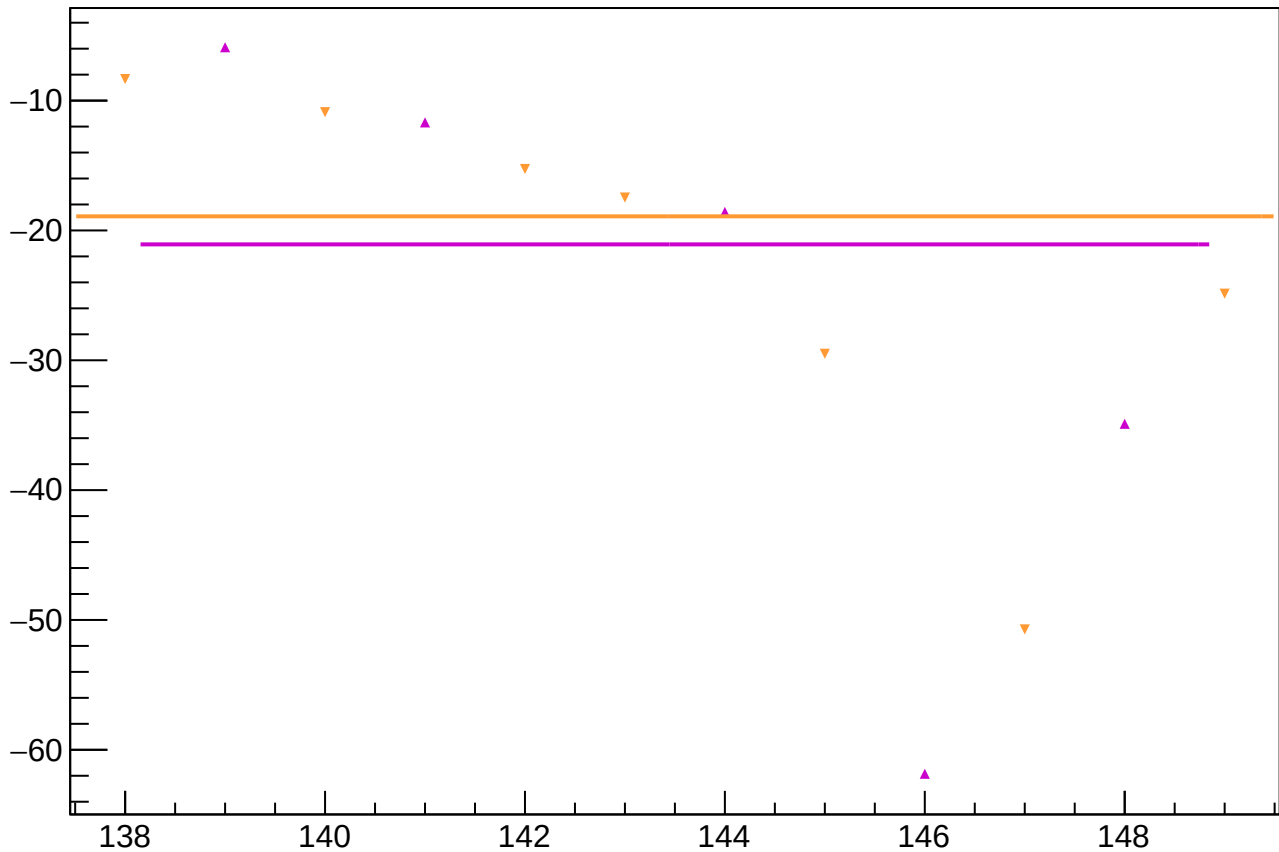
Left In: 0.171 $\pm$ 0.005 χ^2/NDF : 613.7/4

+ sign 0.211 $\pm$ 0.003 χ^2/NDF : 1596.2/23

All: 0.205 $\pm$ 0.002 χ^2/NDF : 3343.5/47

- 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: -18.913+/-0.102 χ^2/NDF : 14278.6/6

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

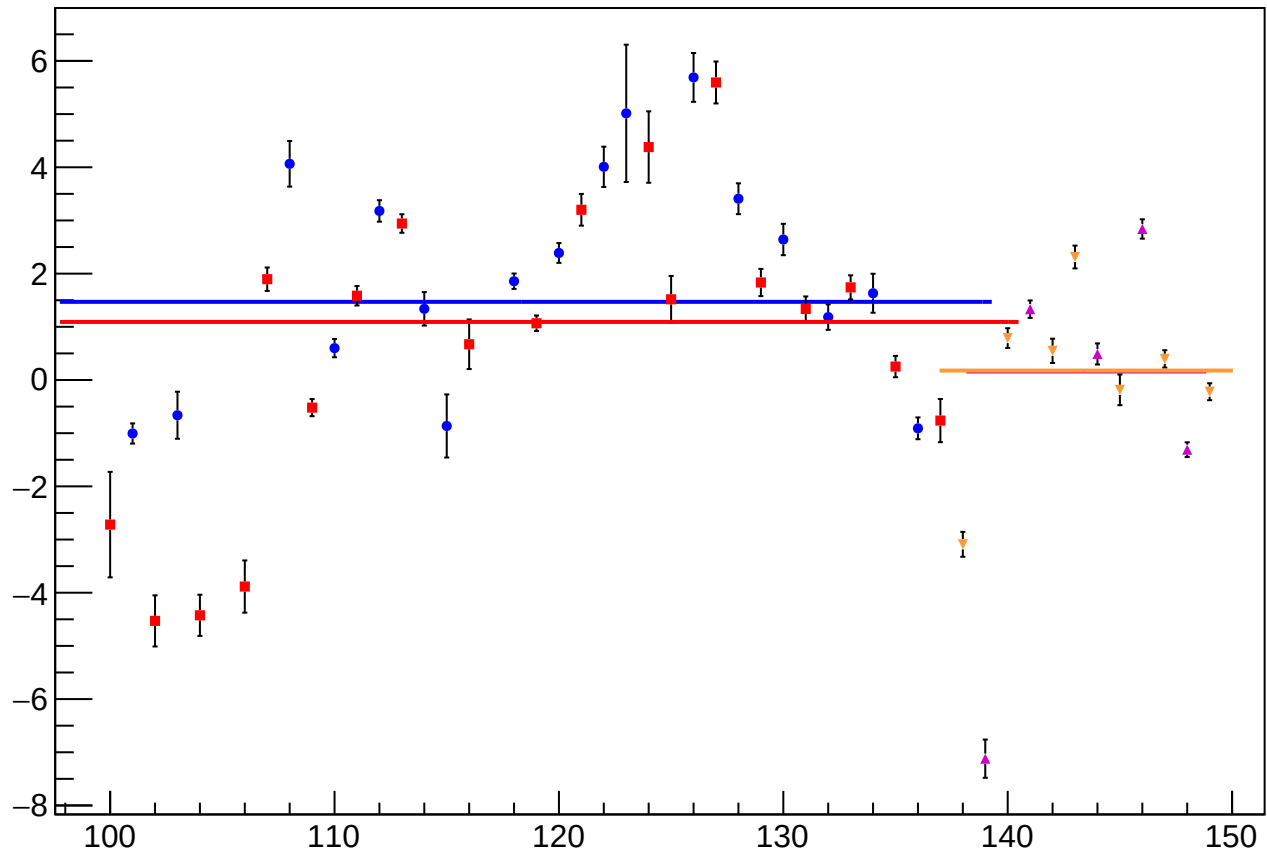
Left In: -21.073+/-0.111 χ^2/NDF : 27209.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.902+/-0.075 χ^2/NDF : 41691.8/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: 0.177 ± 0.075 $\chi^2/\text{NDF}: 316.5/6$

Right Out: 1.092 ± 0.058 $\chi^2/\text{NDF}: 952.1/18$

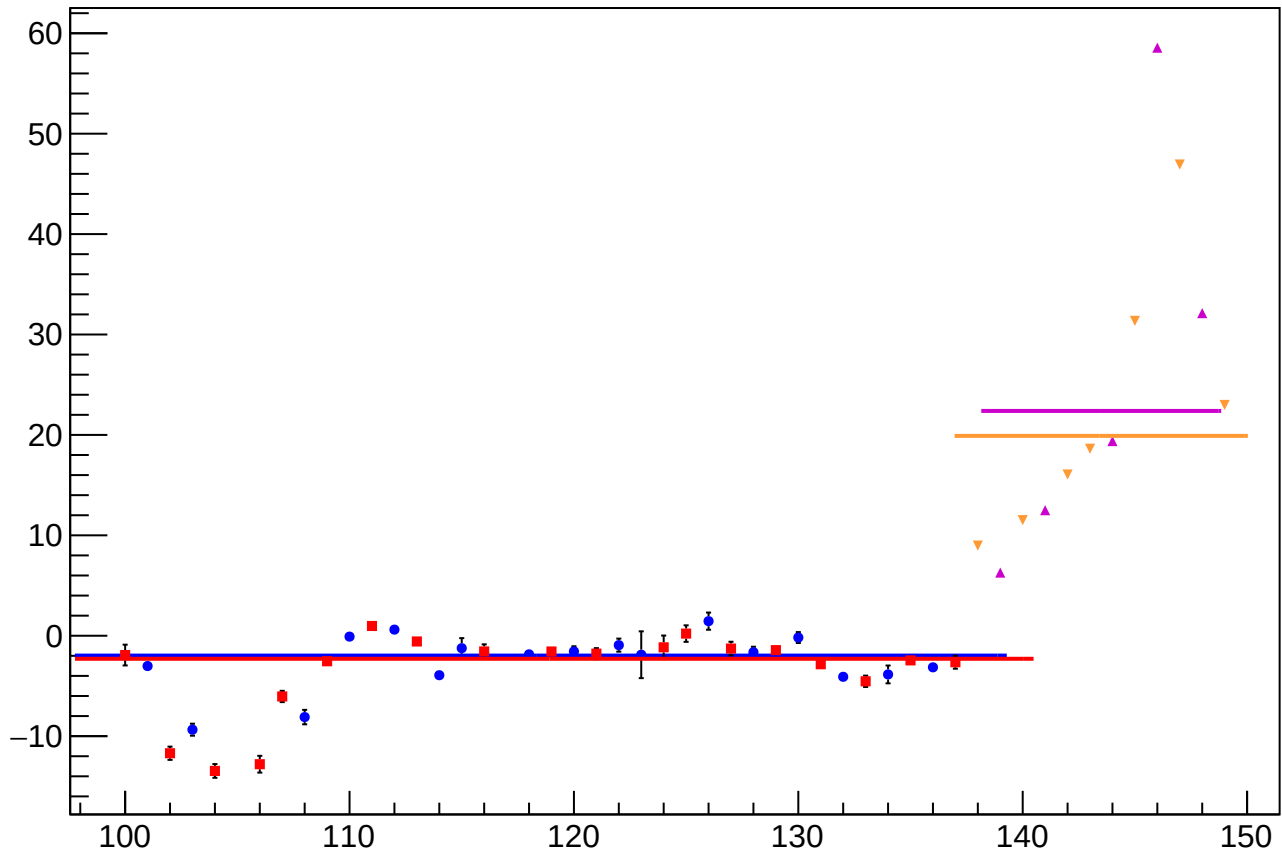
Left In: 0.160 ± 0.081 $\chi^2/\text{NDF}: 792.9/4$

+ sign 0.959 ± 0.047 $\chi^2/\text{NDF}: 1203.0/23$

All: 0.867 ± 0.033 $\chi^2/\text{NDF}: 3043.1/47$

- sign 0.776 ± 0.047 $\chi^2/\text{NDF}: 1832.6/23$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 $\chi^2/\text{NDF}: 463.8/16$

Left Out: 19.904 ± 0.105 $\chi^2/\text{NDF}: 12115.4/6$

Right Out: -2.294 ± 0.098 $\chi^2/\text{NDF}: 906.6/18$

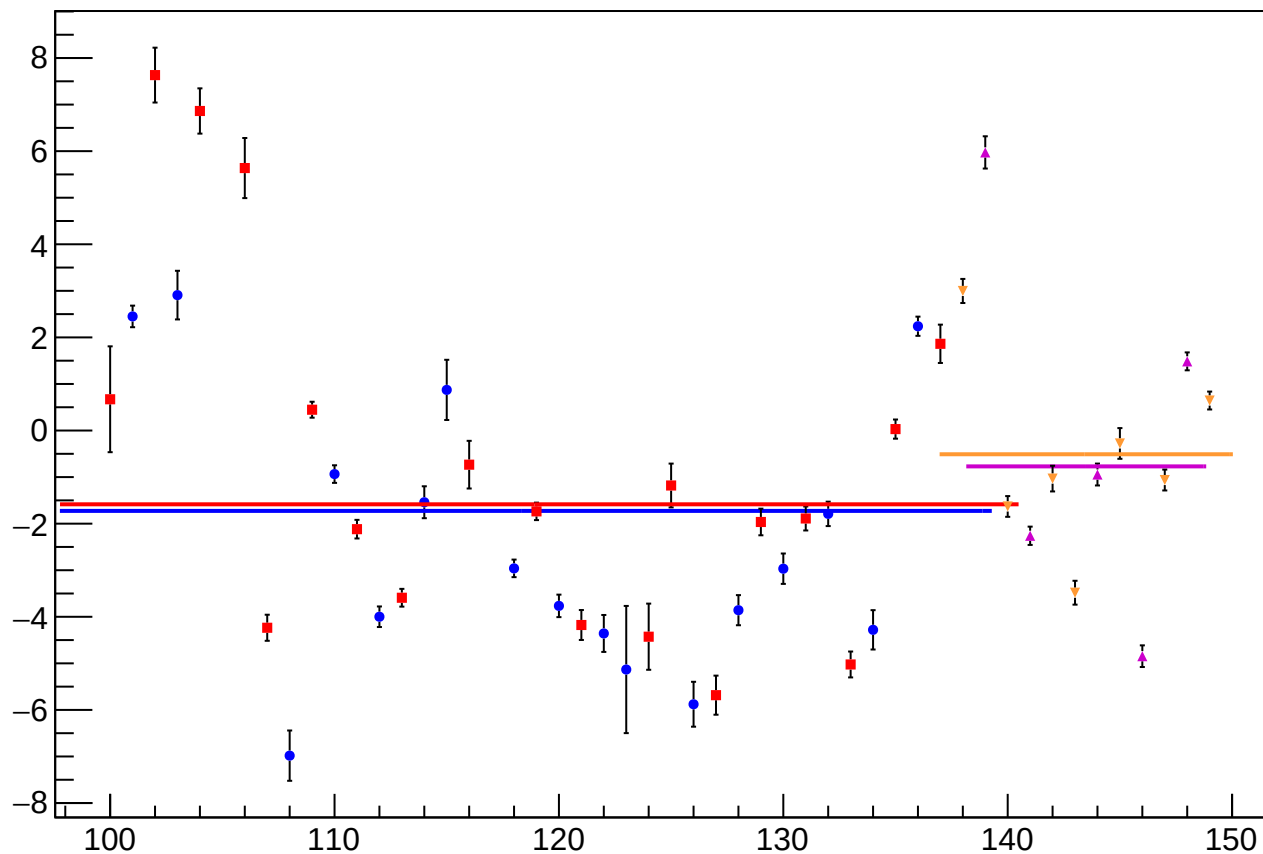
Left In: 22.389 ± 0.115 $\chi^2/\text{NDF}: 23537.8/4$

+ sign 9.433 ± 0.076 $\chi^2/\text{NDF}: 33195.7/23$

All: 8.785 ± 0.053 $\chi^2/\text{NDF}: 84421.1/47$

- sign 8.161 ± 0.075 $\chi^2/\text{NDF}: 51083.4/23$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -0.509 ± 0.091 χ^2/NDF : 390.1/6

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

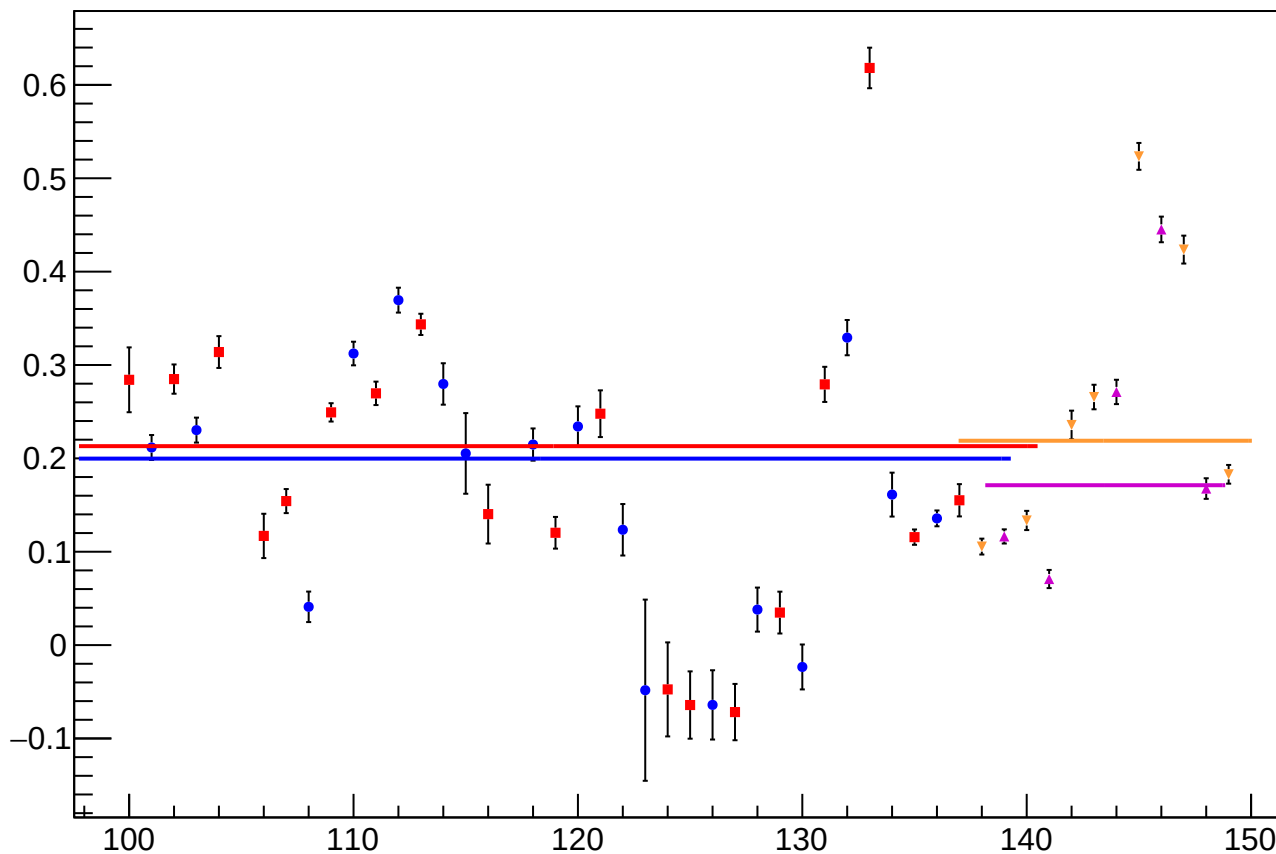
Left In: -0.770 ± 0.101 χ^2/NDF : 881.8/4

+ sign -1.276 ± 0.056 χ^2/NDF : 1843.2/23

All: -1.311 ± 0.039 χ^2/NDF : 4264.3/47

- 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: 0.219 $\pm$ 0.004 χ^2/NDF : 909.2/6

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1050.9/18

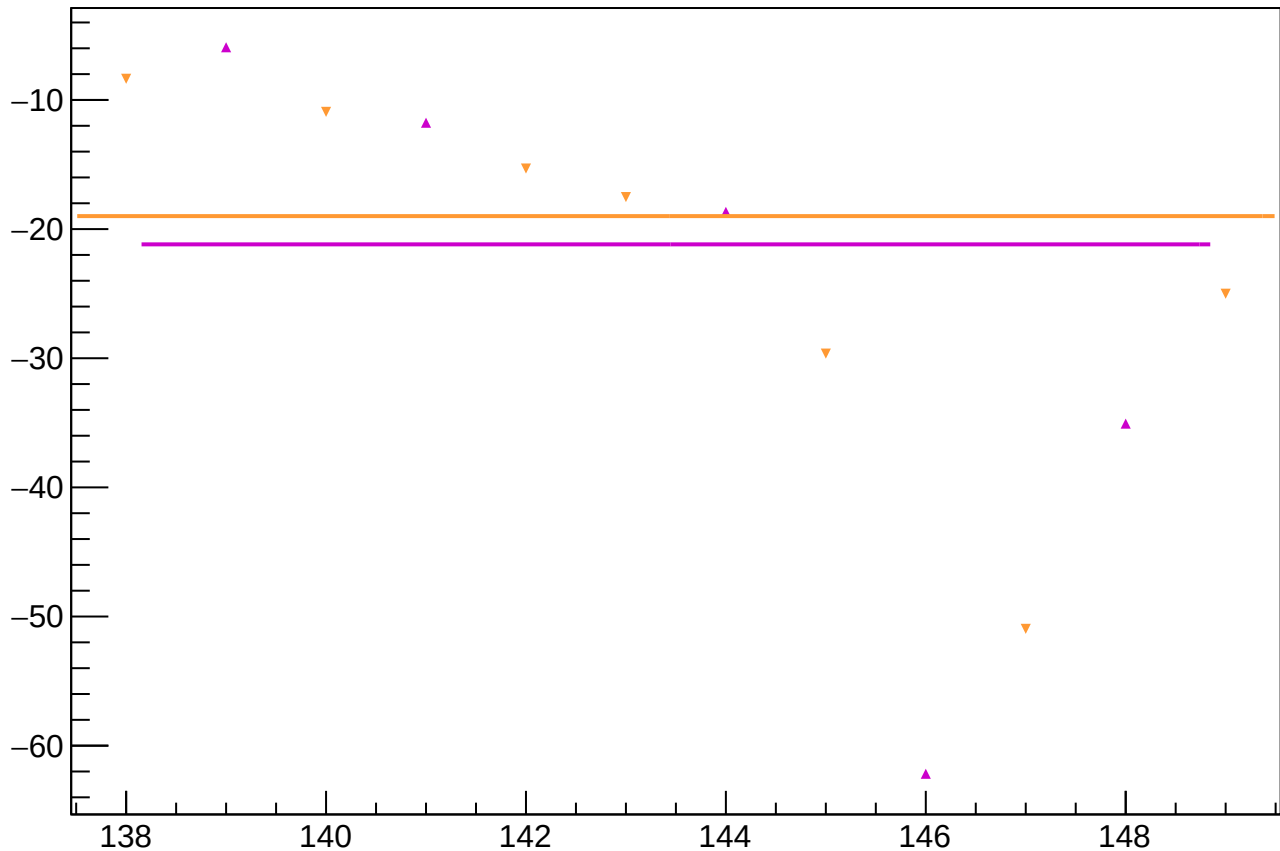
Left In: 0.171 $\pm$ 0.005 χ^2/NDF : 616.0/4

+ sign 0.209 $\pm$ 0.003 χ^2/NDF : 1581.9/23

All: 0.203 $\pm$ 0.002 χ^2/NDF : 3307.6/47

- 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: -18.994+/-0.103 χ^2/NDF : 14293.5/6

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

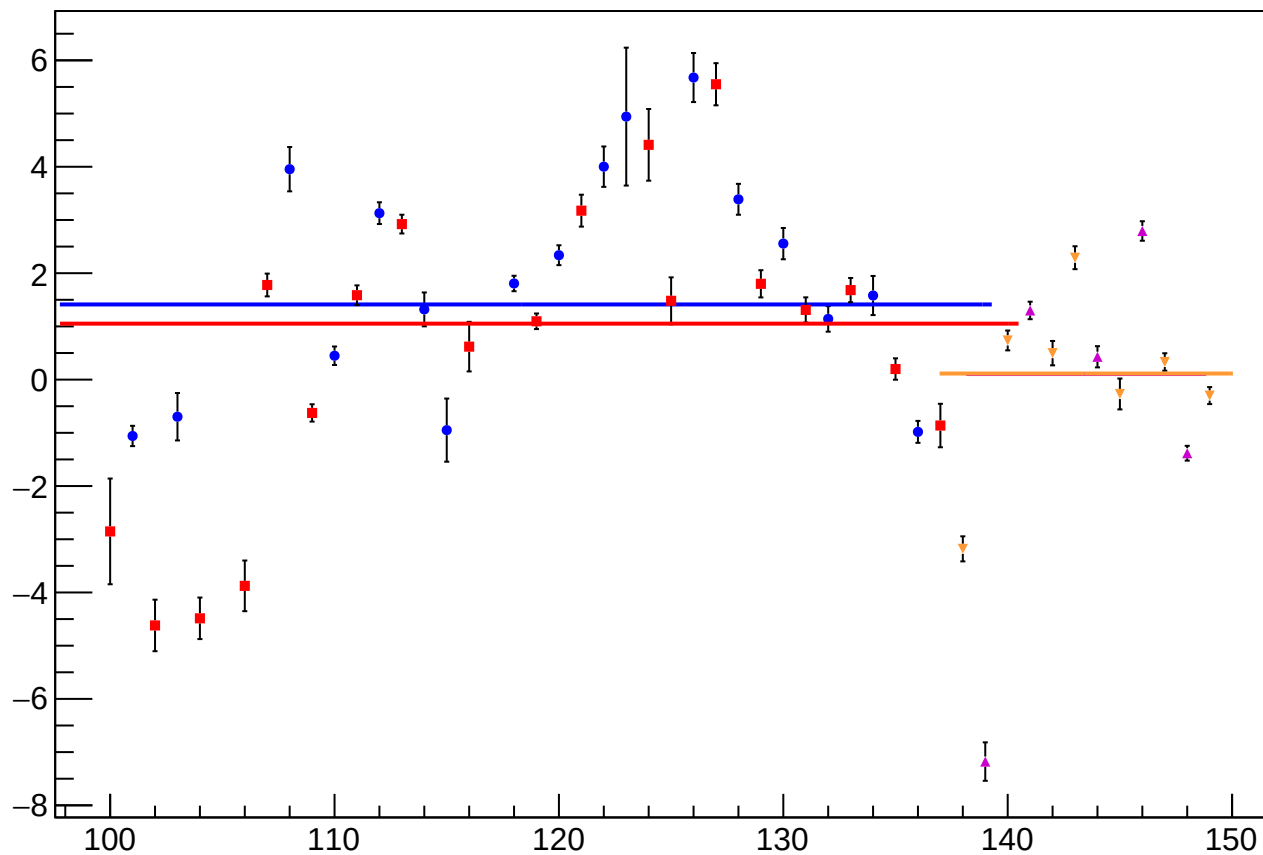
Left In: -21.182+/-0.112 χ^2/NDF : 27239.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.995+/-0.076 χ^2/NDF : 41740.2/11

- 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 $\chi^2/\text{NDF}: 713.9/16$

Left Out: 0.114 ± 0.075 $\chi^2/\text{NDF}: 322.1/6$

Right Out: 1.052 ± 0.058 $\chi^2/\text{NDF}: 963.3/18$

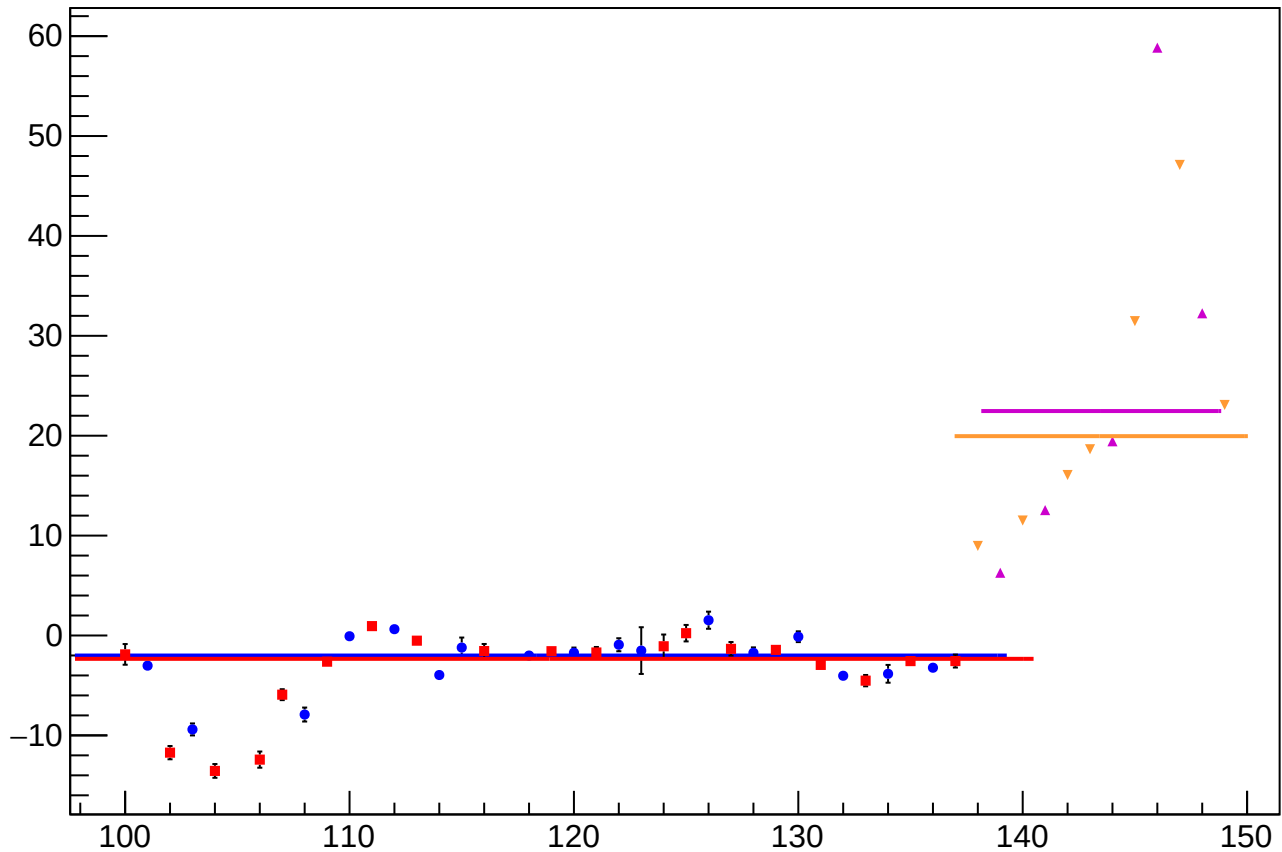
Left In: 0.105 ± 0.081 $\chi^2/\text{NDF}: 791.9/4$

+ sign 0.899 ± 0.047 $\chi^2/\text{NDF}: 1214.7/23$

All: 0.815 ± 0.033 $\chi^2/\text{NDF}: 3065.9/47$

- sign 0.732 ± 0.047 $\chi^2/\text{NDF}: 1845.0/23$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 19.955 ± 0.106 χ^2/NDF : 12128.5/6

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

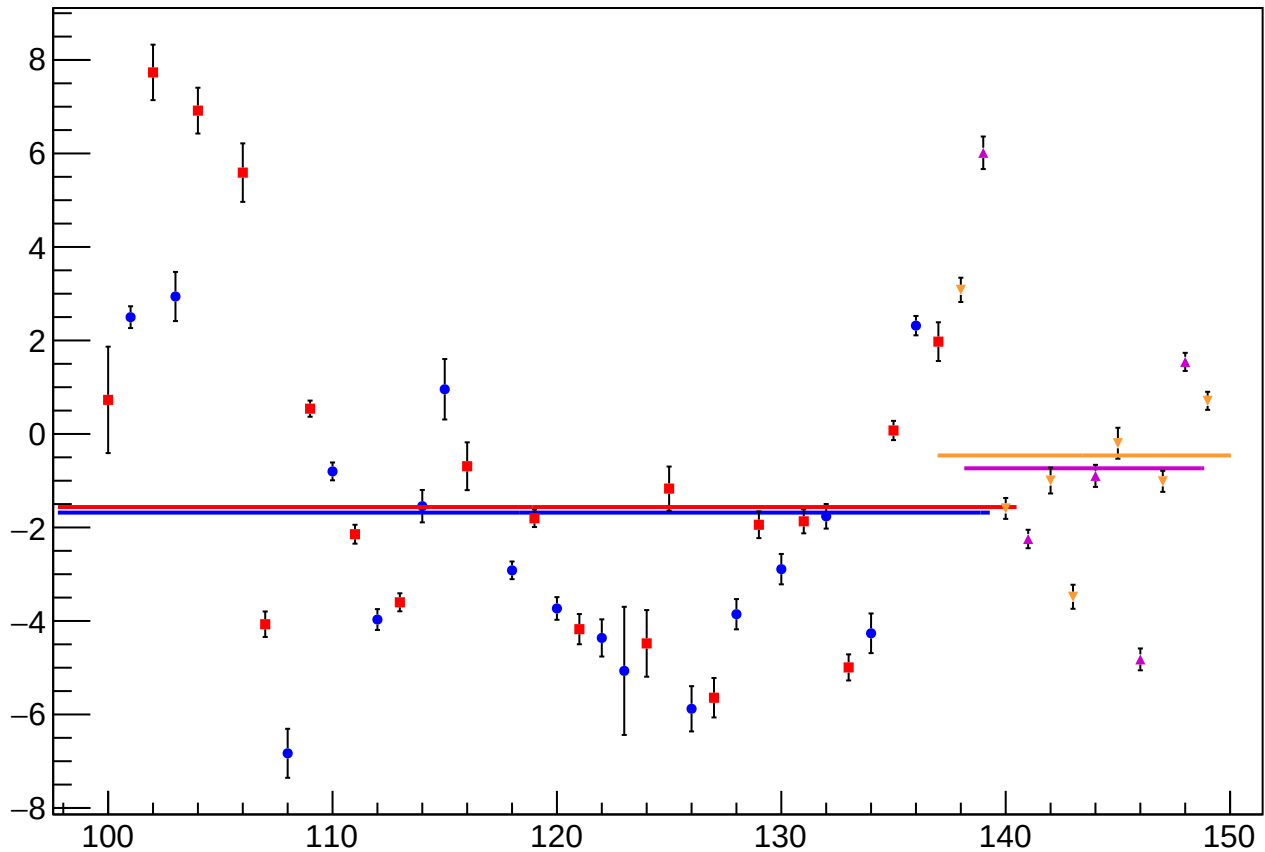
Left In: 22.468 ± 0.115 χ^2/NDF : 23570.4/4

+ sign 9.457 ± 0.076 χ^2/NDF : 33164.2/23

All: 8.805 ± 0.054 χ^2/NDF : 84429.9/47

- 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 $\chi^2/\text{NDF}: 1347.8/16$

Left Out: -0.460 ± 0.092 $\chi^2/\text{NDF}: 396.8/6$

Right Out: -1.563 ± 0.066 $\chi^2/\text{NDF}: 1504.7/18$

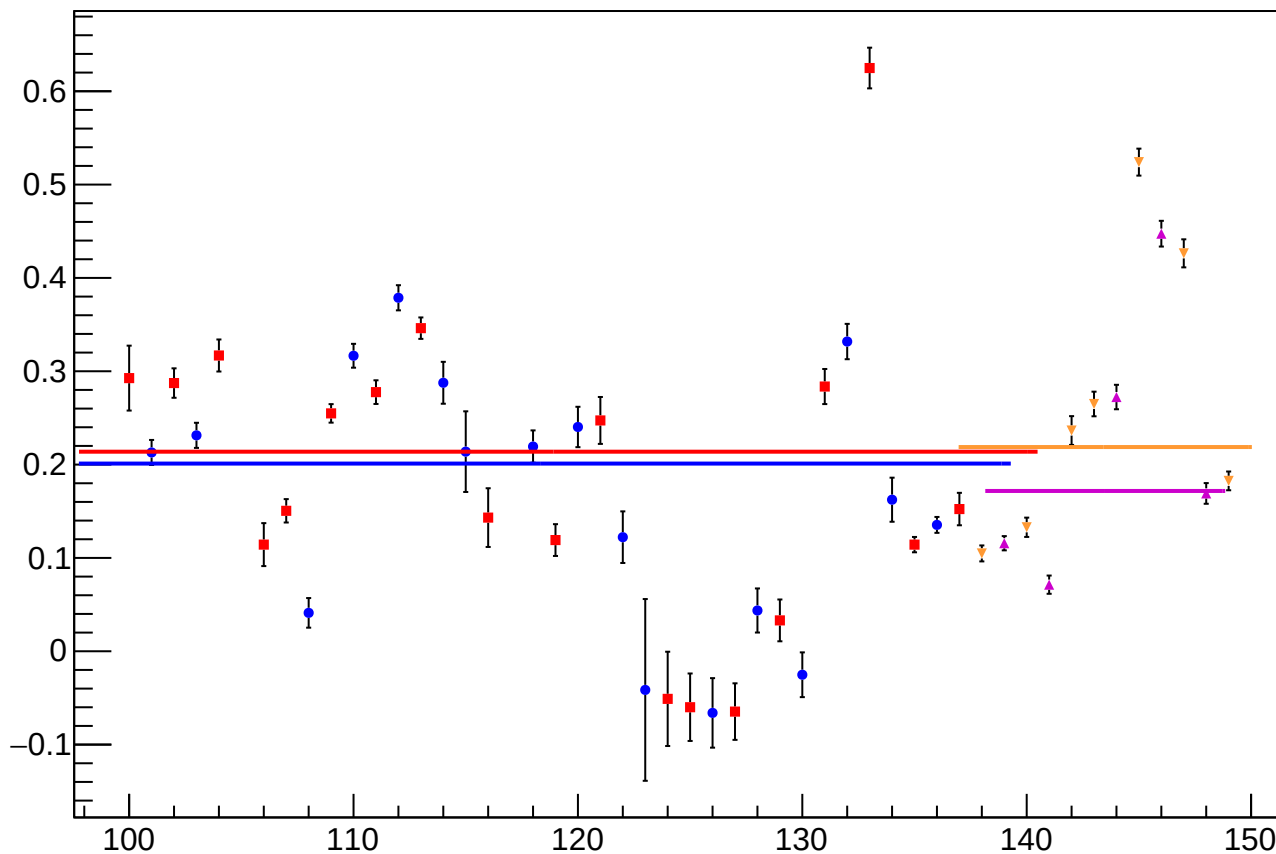
Left In: -0.734 ± 0.102 $\chi^2/\text{NDF}: 880.1/4$

+ sign -1.230 ± 0.056 $\chi^2/\text{NDF}: 1856.5/23$

All: -1.275 ± 0.039 $\chi^2/\text{NDF}: 4289.7/47$

- sign -1.319 ± 0.055 $\chi^2/\text{NDF}: 2431.9/23$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.219 ± 0.004 χ^2/NDF : 910.6/6

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

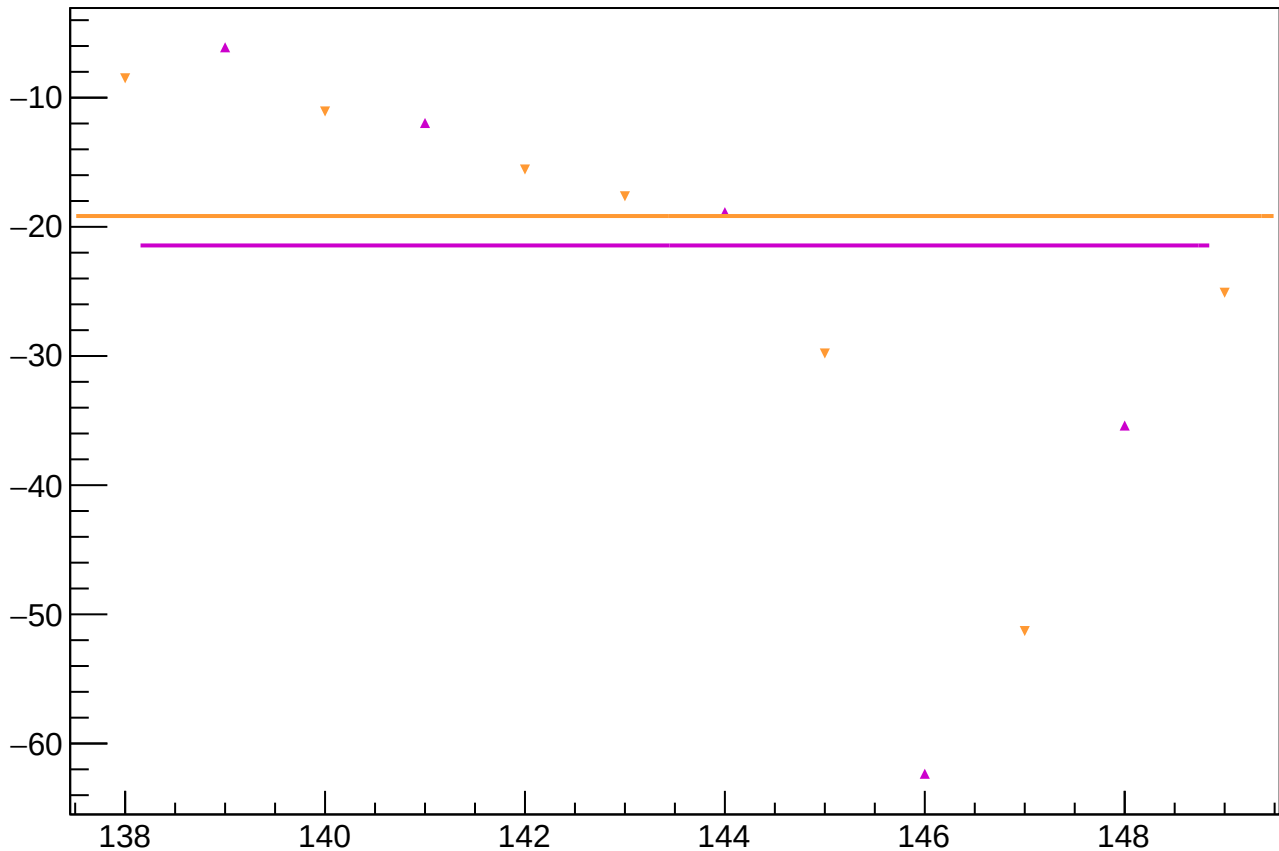
Left In: 0.172 ± 0.005 χ^2/NDF : 618.2/4

+ sign 0.209 ± 0.003 χ^2/NDF : 1610.6/23

All: 0.203 ± 0.002 χ^2/NDF : 3370.9/47

- 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: -19.164+/-0.104 χ^2/NDF : 14149.0/6

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

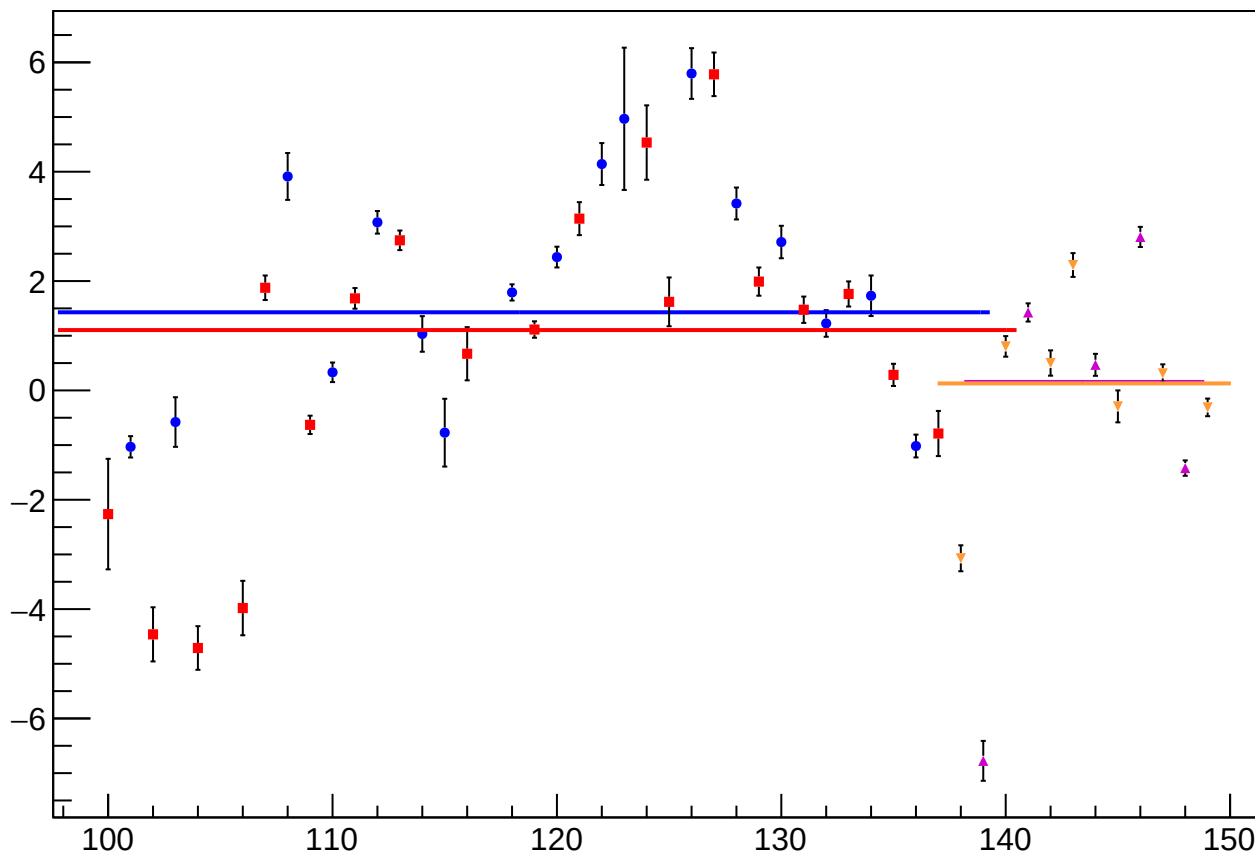
Left In: -21.441+/-0.113 χ^2/NDF : 26851.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.205+/-0.076 χ^2/NDF : 41221.4/11

- 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 $\pm$ 0.062 χ^2 /NDF: 711.4/16

Left Out: 0.128 $\pm$ 0.076 χ^2 /NDF:306.6/6

Right Out: 1.104 $\pm$ 0.059 χ^2 /NDF: 936.5/18

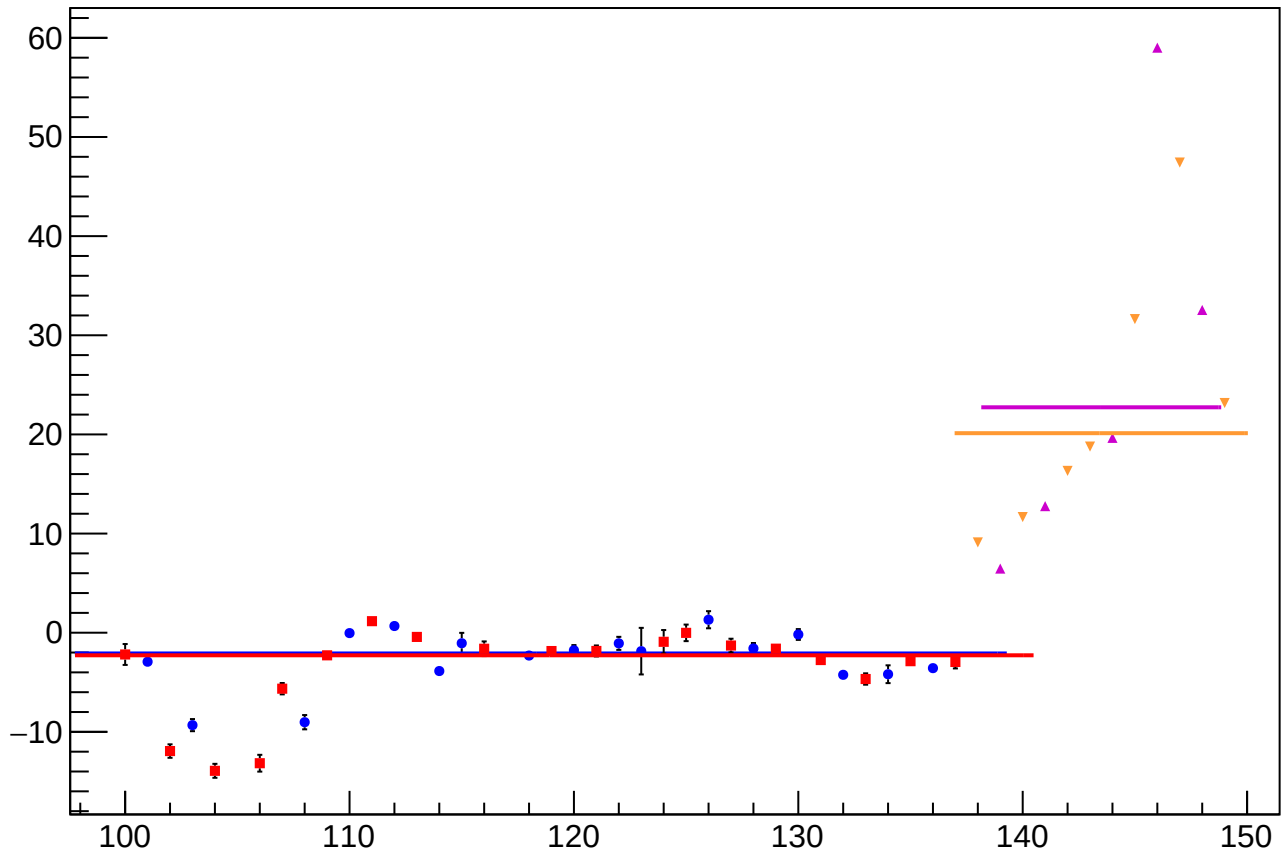
Left In: 0.155 $\pm$ 0.082 χ^2 /NDF:753.9/4

+ sign 0.909 $\pm$ 0.048 χ^2 /NDF: 1193.2/23

All: 0.843 $\pm$ 0.034 χ^2 /NDF: 2975.0/47

- sign 0.778 $\pm$ 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: 20.125 ± 0.107 χ^2/NDF : 12004.7/6

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

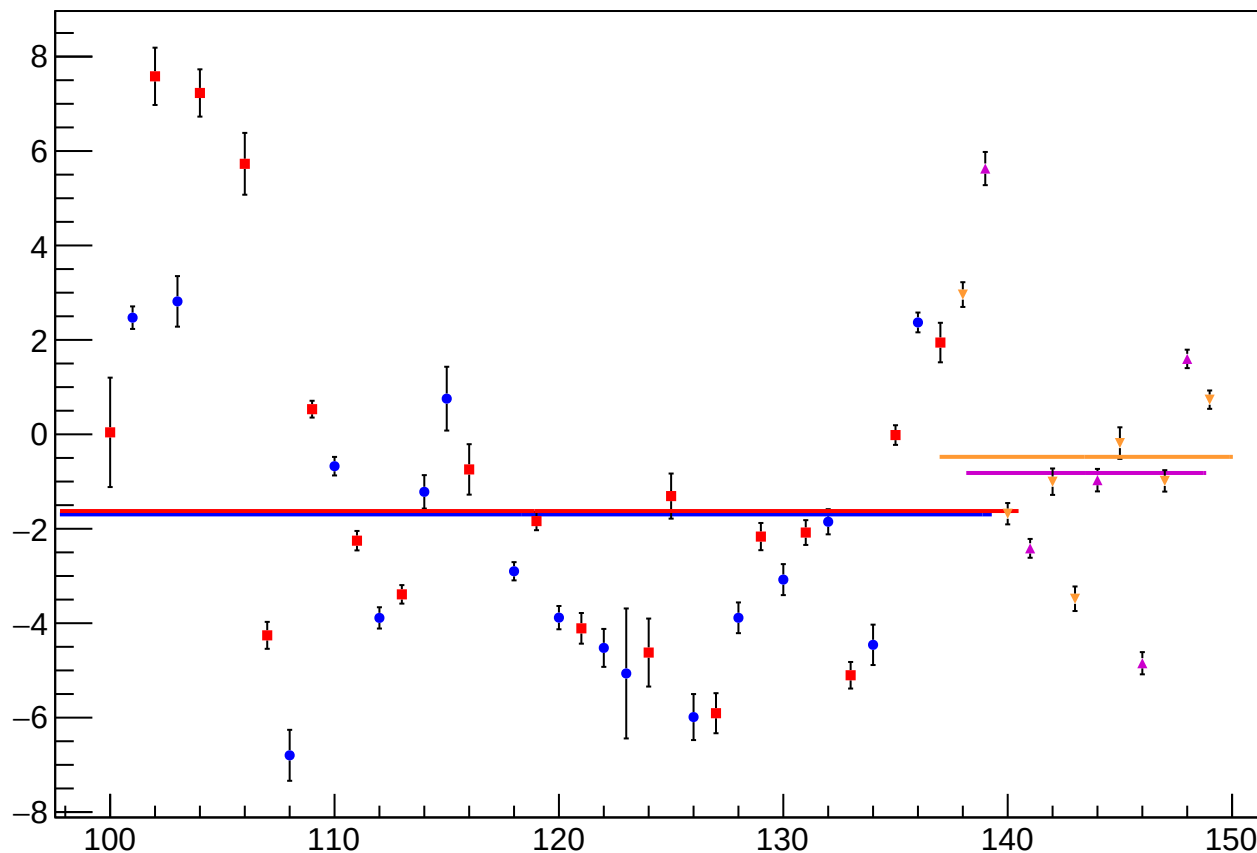
Left In: 22.736 ± 0.116 χ^2/NDF : 23209.0/4

+ sign 9.599 ± 0.077 χ^2/NDF : 32987.1/23

All: 9.020 ± 0.054 χ^2/NDF : 83547.5/47

- 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: -0.477 ± 0.093 χ^2/NDF : 382.2/6

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

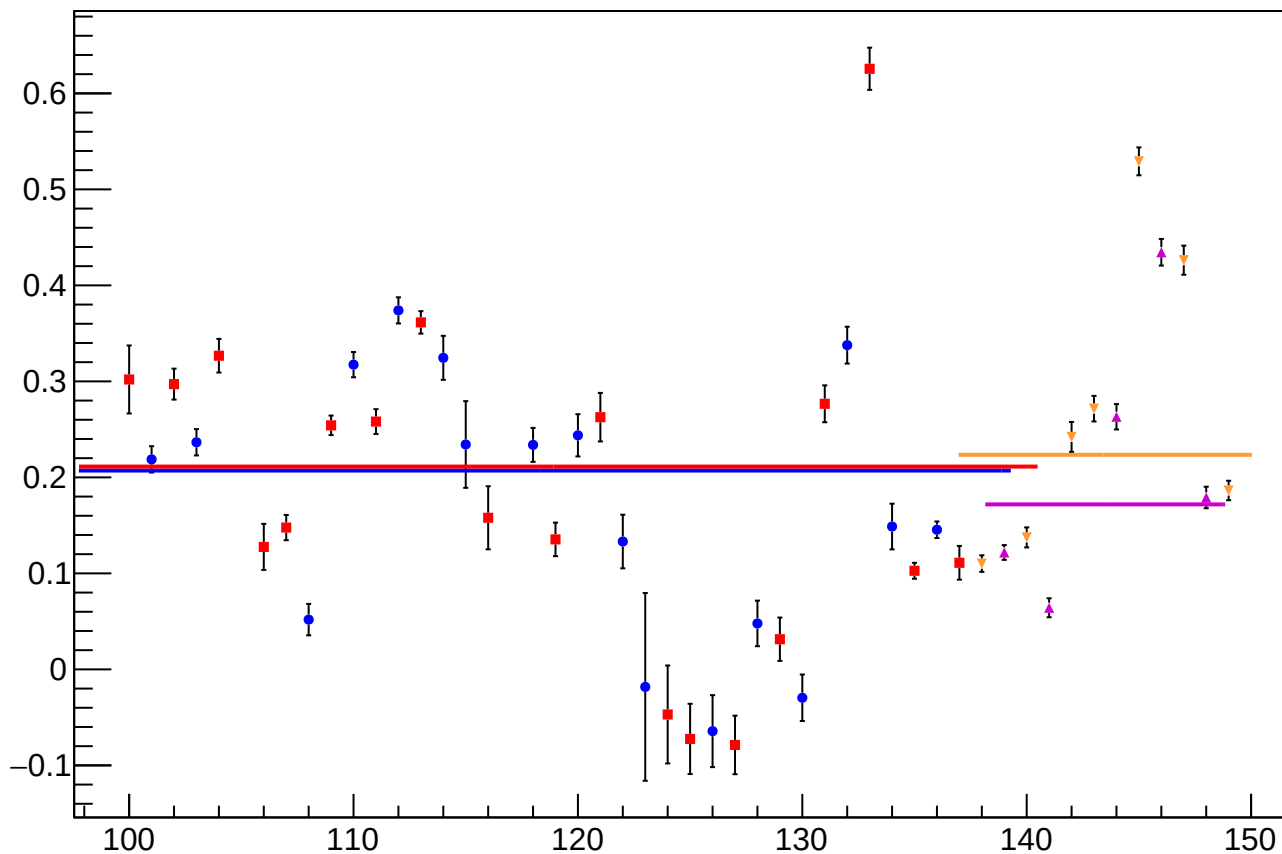
Left In: -0.818 ± 0.103 χ^2/NDF : 847.3/4

+ sign -1.240 ± 0.057 χ^2/NDF : 1824.0/23

All: -1.313 ± 0.040 χ^2/NDF : 4185.2/47

- 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 χ^2/NDF : 656.3/16

Left Out: 0.224 ± 0.004 χ^2/NDF : 889.2/6

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

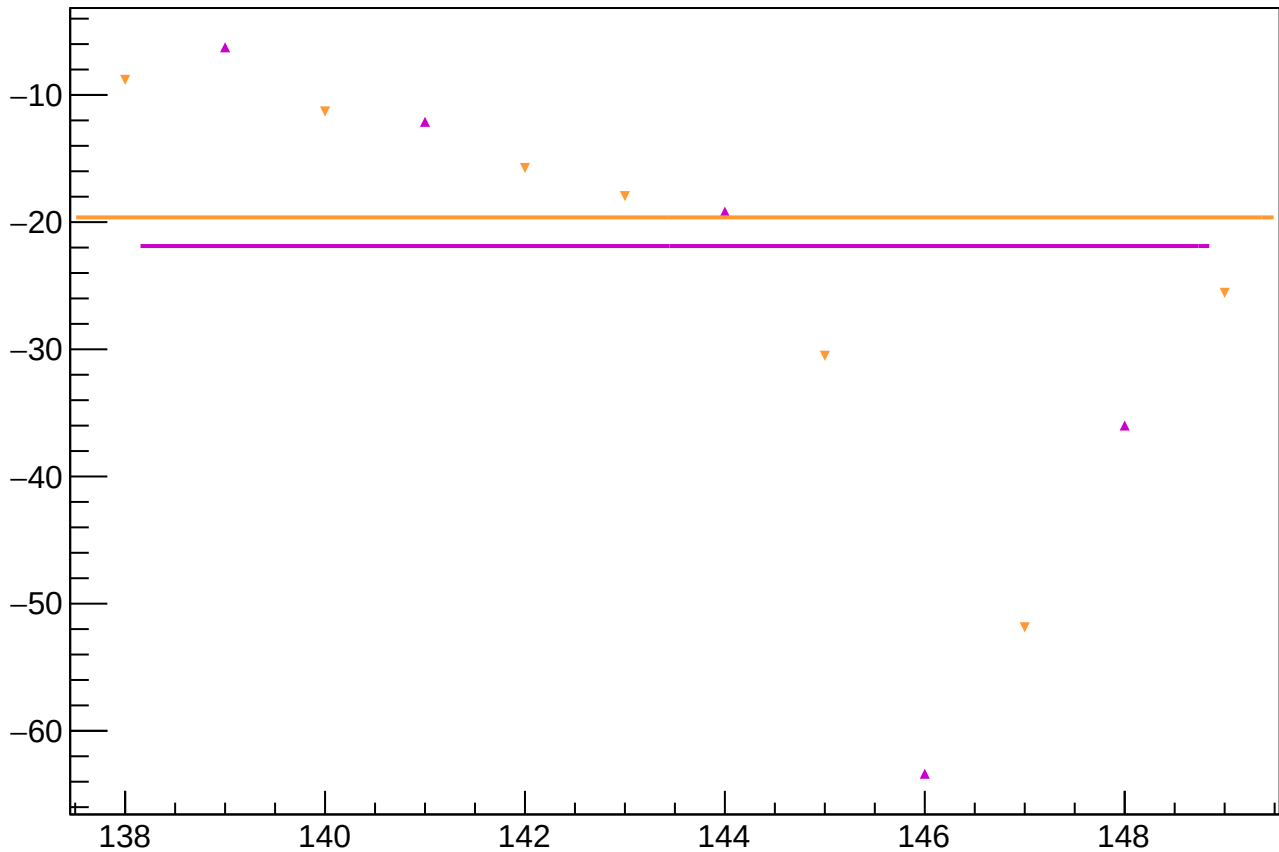
Left In: 0.172 ± 0.005 χ^2/NDF : 567.2/4

+ sign 0.215 ± 0.003 χ^2/NDF : 1552.7/23

All: 0.205 ± 0.002 χ^2/NDF : 3329.4/47

- sign 0.196 ± 0.003 χ^2/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: -19.627+/-0.106 χ^2/NDF :13930.0/6

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

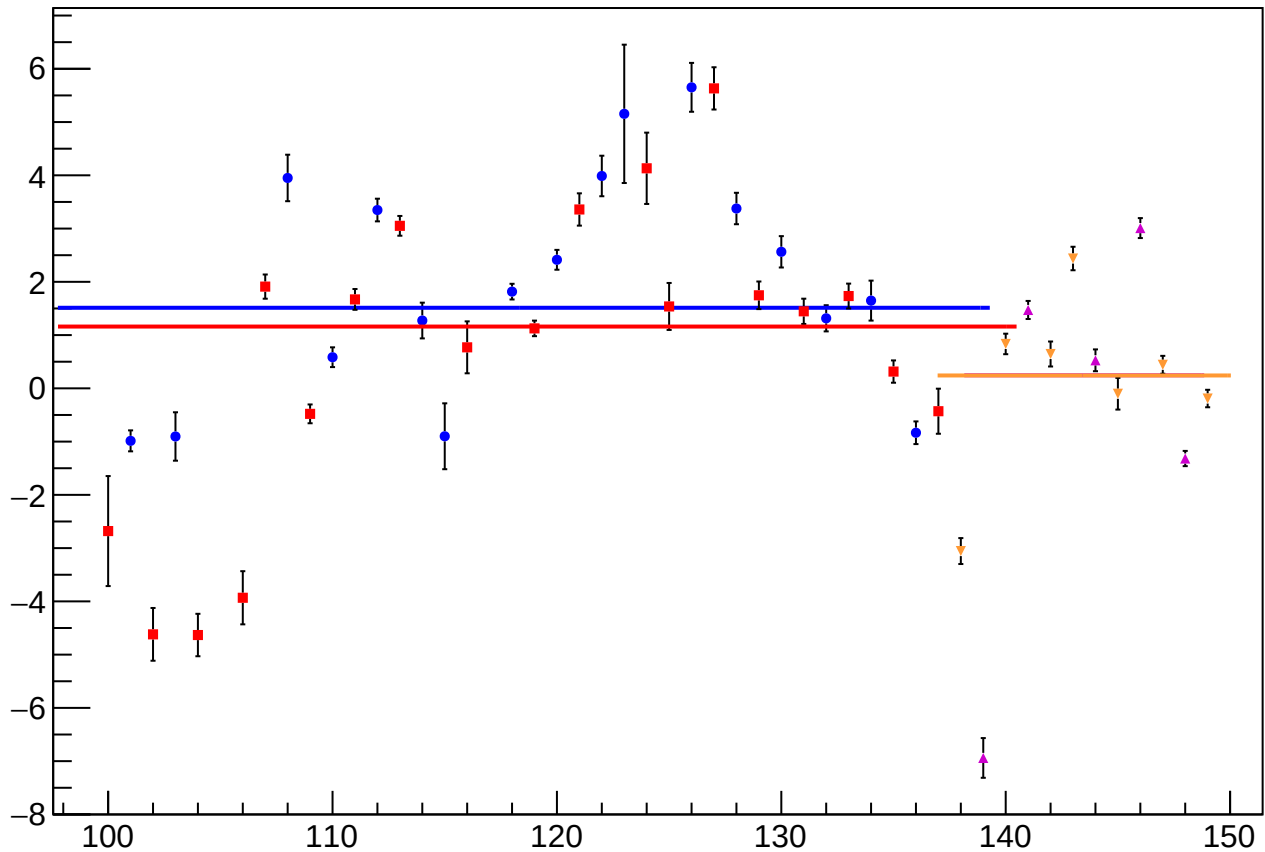
Left In: -21.879+/-0.115 χ^2/NDF :26775.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.657+/-0.078 χ^2/NDF : 40912.7/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 ± 0.063 χ^2/NDF : 669.7/16

Left Out: 0.242 ± 0.077 χ^2/NDF : 304.5/6

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

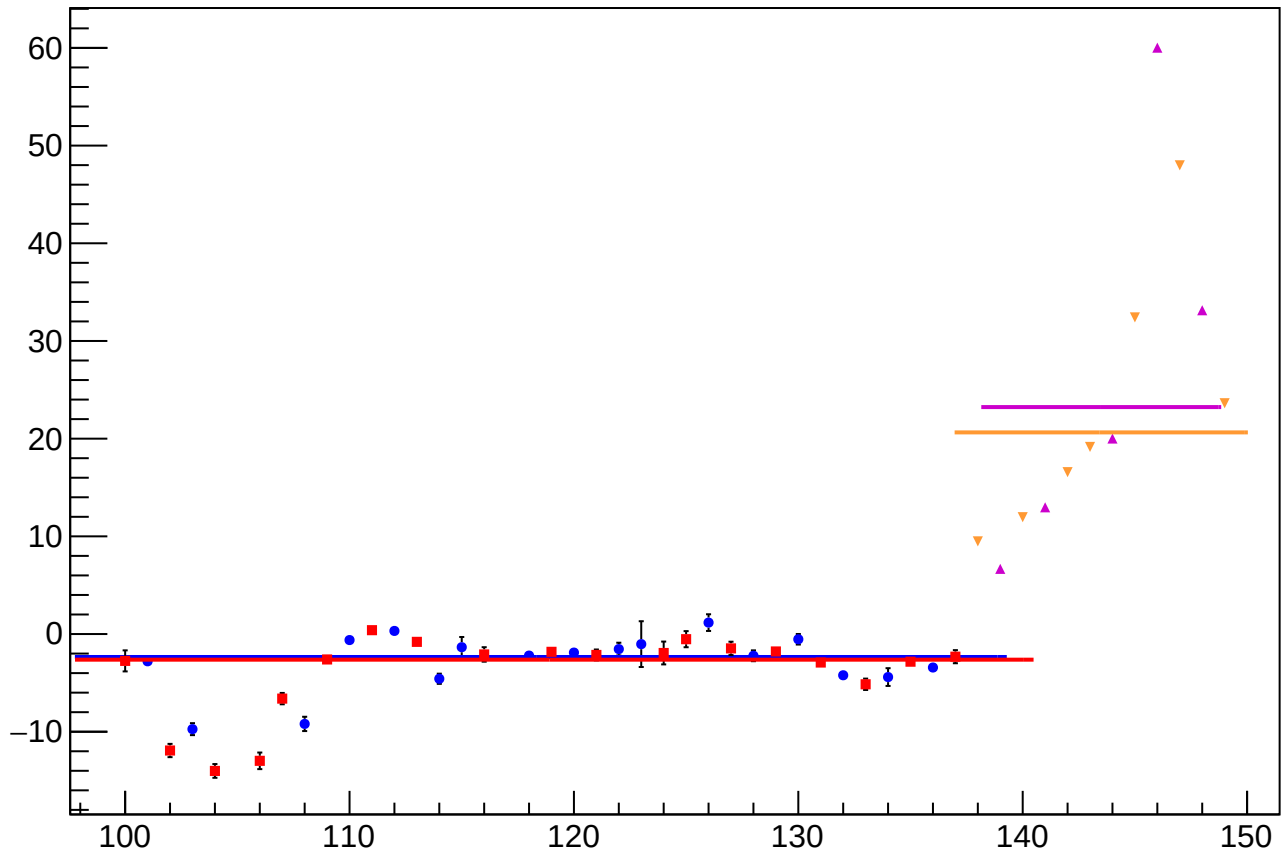
Left In: 0.245 ± 0.084 χ^2/NDF : 762.3/4

+ sign 1.010 ± 0.049 χ^2/NDF : 1136.9/23

All: 0.929 ± 0.034 χ^2/NDF : 2900.8/47

- sign 0.849 ± 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: 20.641 ± 0.109 χ^2/NDF : 11791.0/6

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

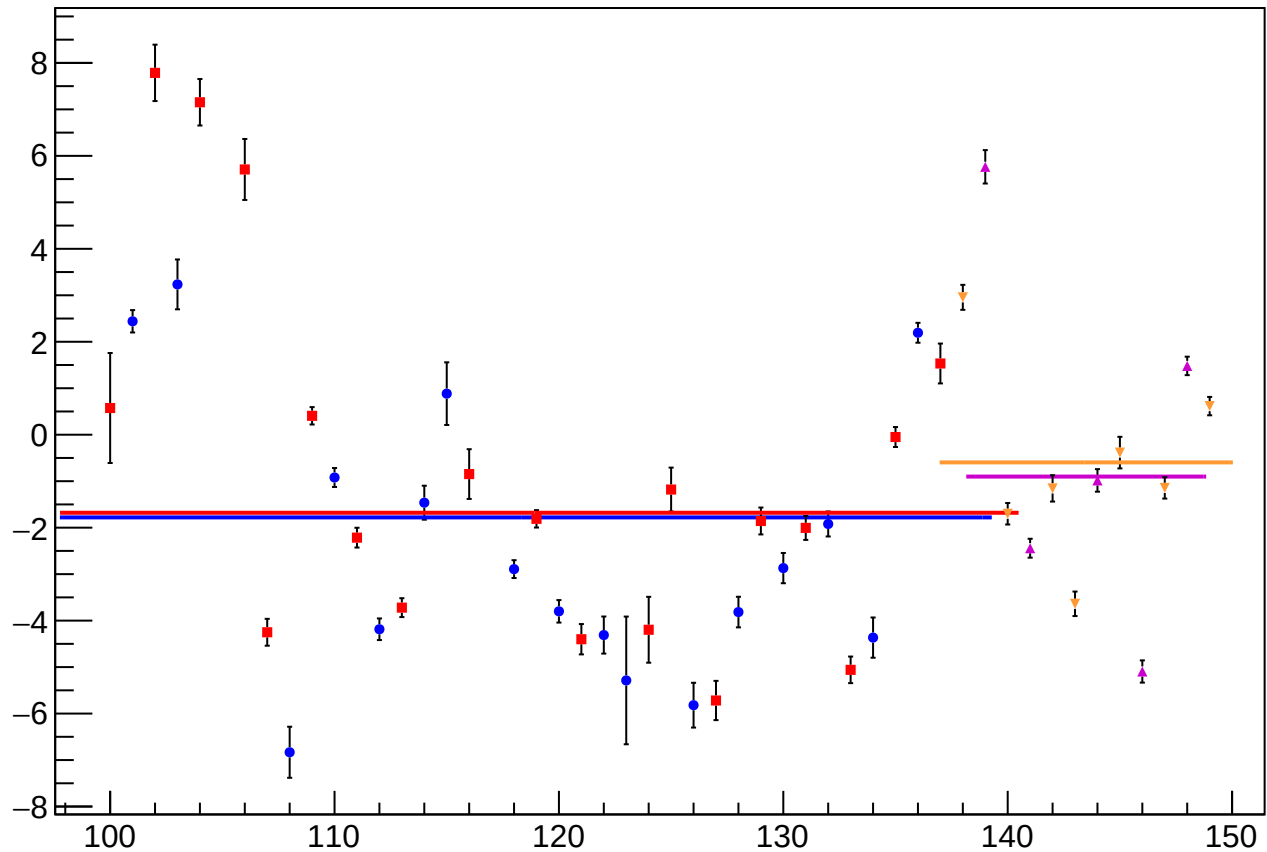
Left In: 23.233 ± 0.119 χ^2/NDF : 23123.5/4

+ sign 9.699 ± 0.079 χ^2/NDF : 33433.6/23

All: 9.097 ± 0.055 χ^2/NDF : 84526.4/47

- 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: -0.596 ± 0.094 χ^2/NDF : 378.0/6

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

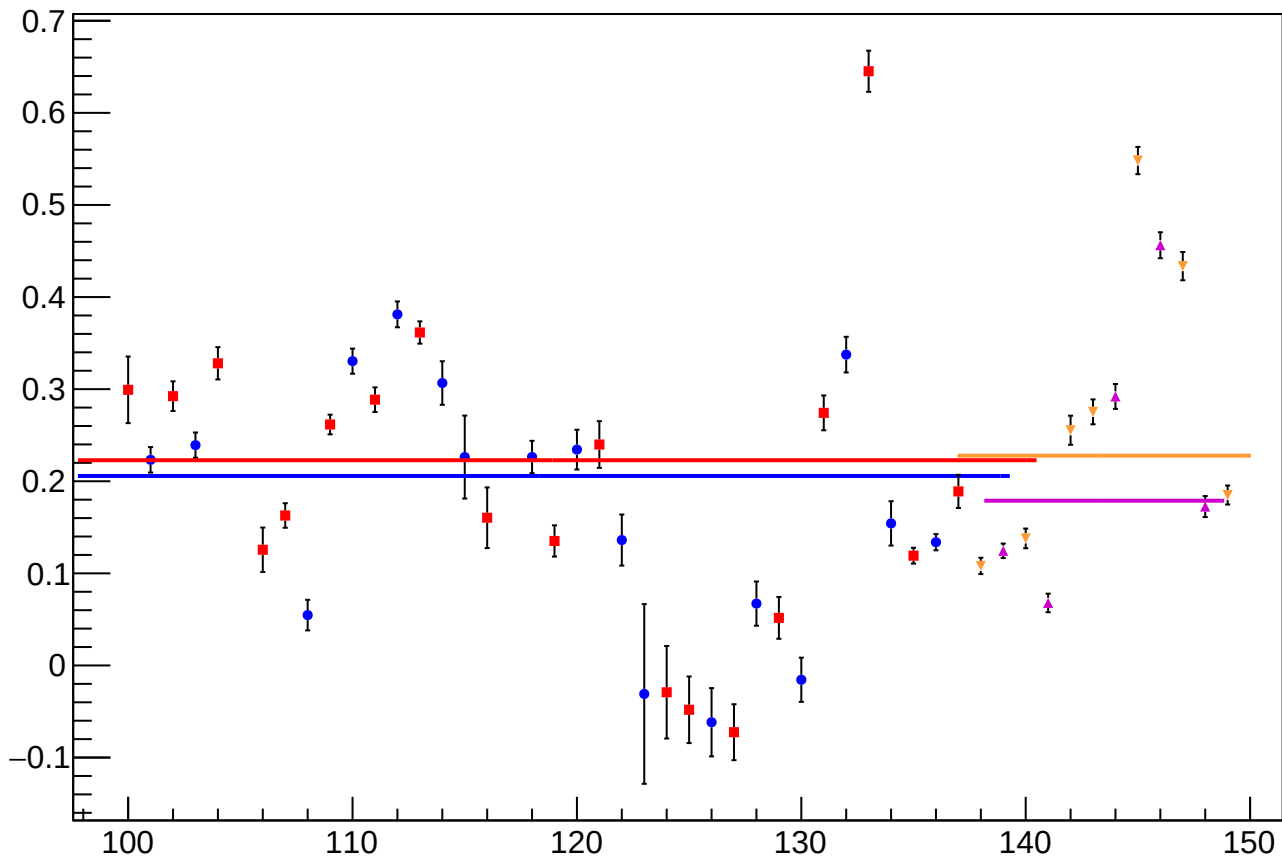
Left In: -0.901 ± 0.104 χ^2/NDF : 853.2/4

+ sign -1.341 ± 0.057 χ^2/NDF : 1749.4/23

All: -1.394 ± 0.040 χ^2/NDF : 4072.9/47

- 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: 0.228 $\pm$ 0.005 χ^2 /NDF:934.2/6

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 0.216 $\pm$ 0.003 χ^2 /NDF: 1598.7/23

All: 0.211 $\pm$ 0.002 χ^2 /NDF: 3325.8/47

- sign 0.206 $\pm$ 0.003 χ^2 /NDF: 1721.0/23