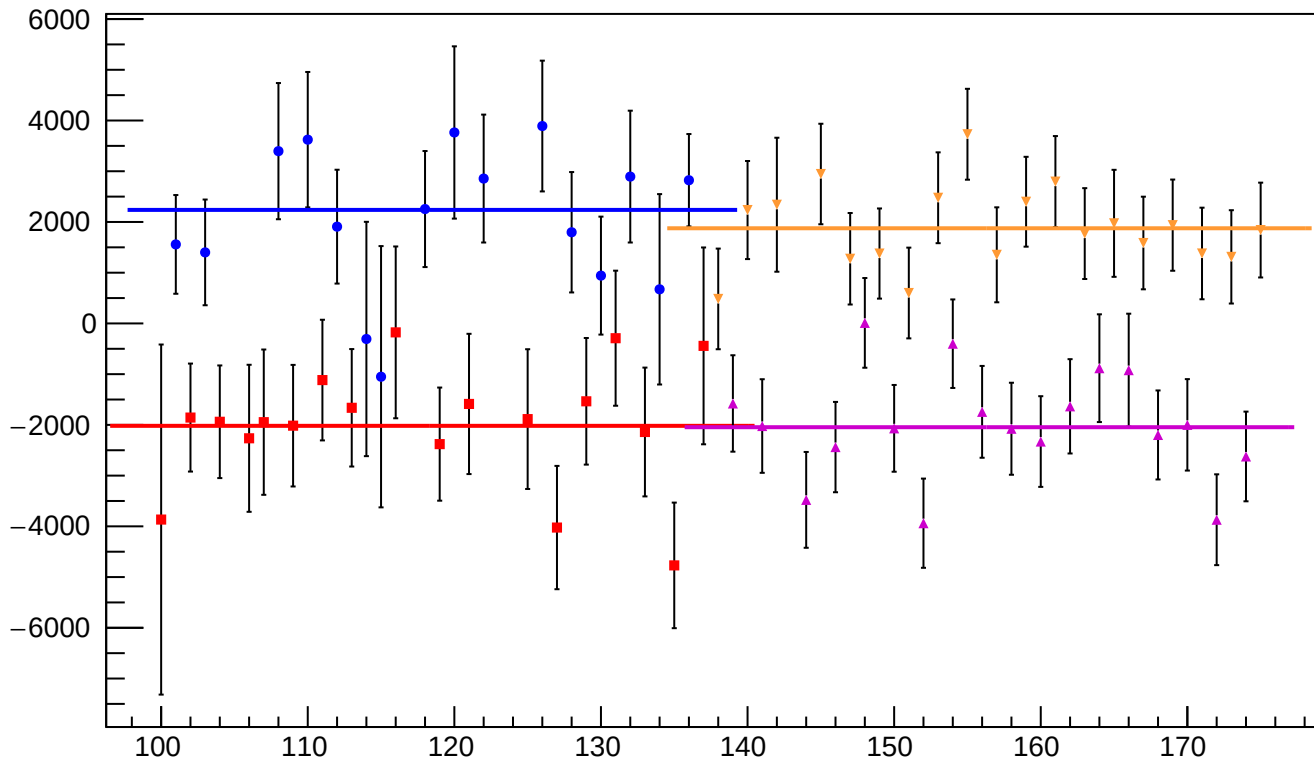


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1875.820+/-214.607

χ^2/NDF : 13.4/18

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

Left In: -2045.732+/-215.595

χ^2/NDF : 23.6/17

+ sign 1990.792+/-177.294

χ^2/NDF : 25.7/34

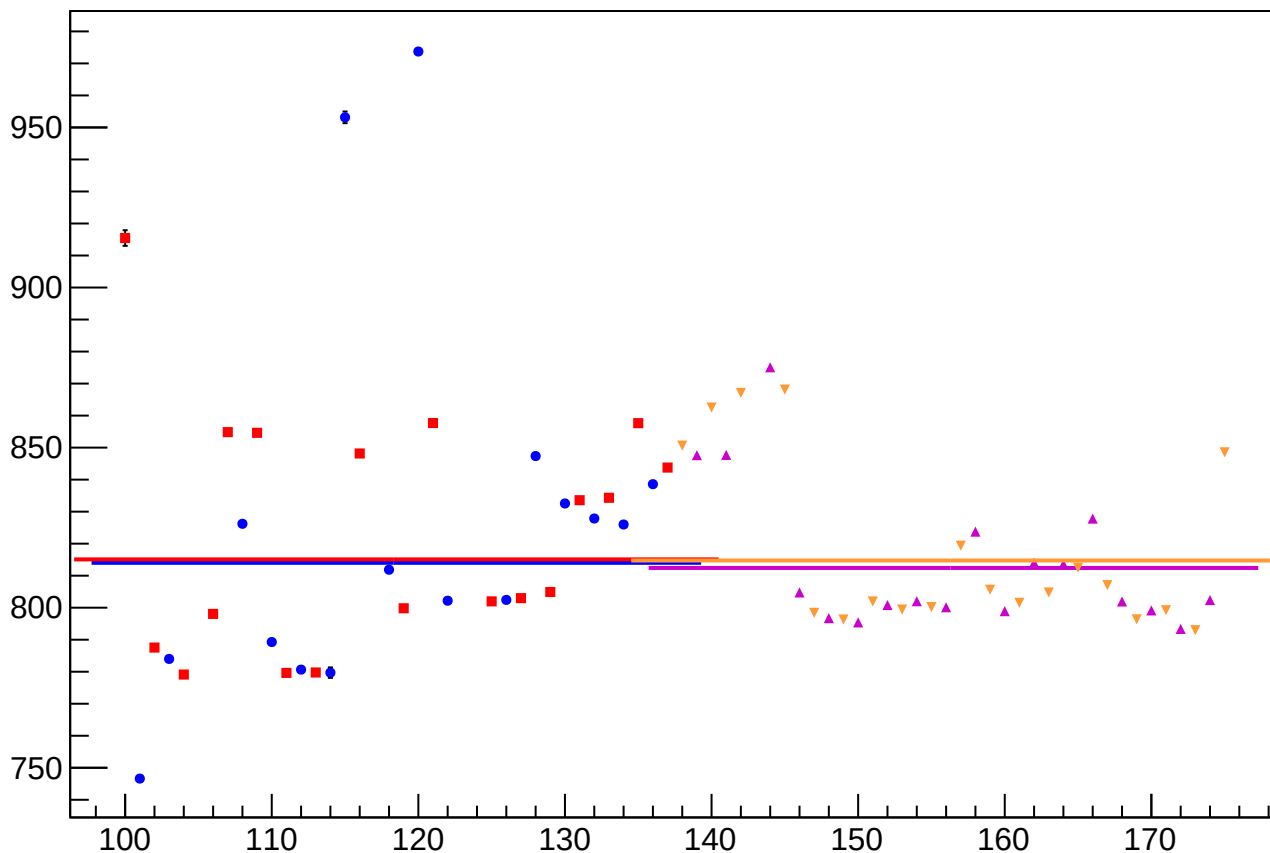
All: -29.871+/-125.152

χ^2/NDF : 320.7/70

- sign -2036.832+/-176.692

χ^2/NDF : 36.2/35

dit_asym_us_avg_rms vs Slug



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

Left Out: 814.740 ± 0.152 χ^2/NDF : 25742.9/18

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

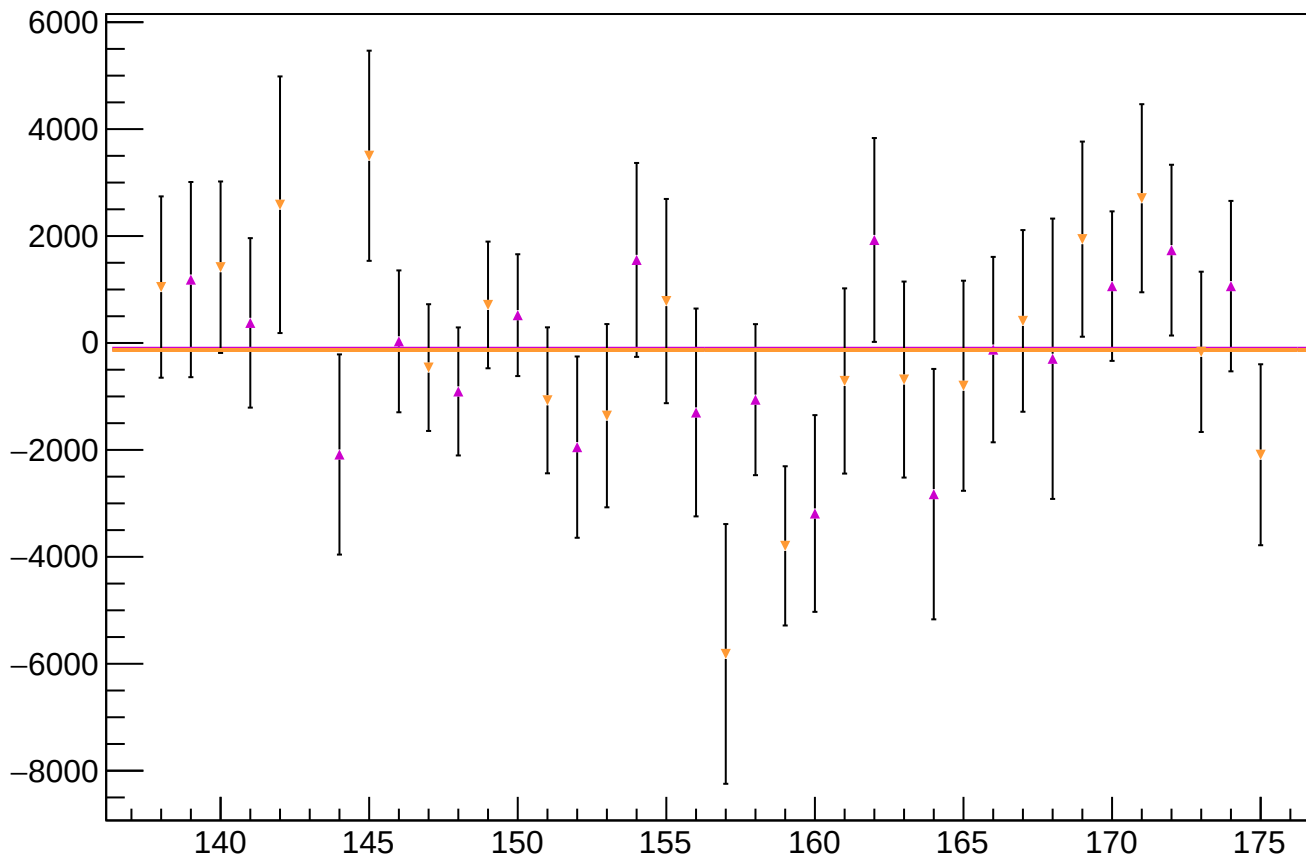
Left In: 812.410 ± 0.152 χ^2/NDF : 20089.0/17

+ sign 814.511 ± 0.125 χ^2/NDF : 67791.7/34

All: 813.898 ± 0.088 χ^2/NDF : 107988.8/70

- sign 813.288 ± 0.125 χ^2/NDF : 40149.3/35

asym_us_avg_correction_mean vs Slug



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

Left Out: -131.290+/-377.439 χ^2/NDF :25.1/18

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

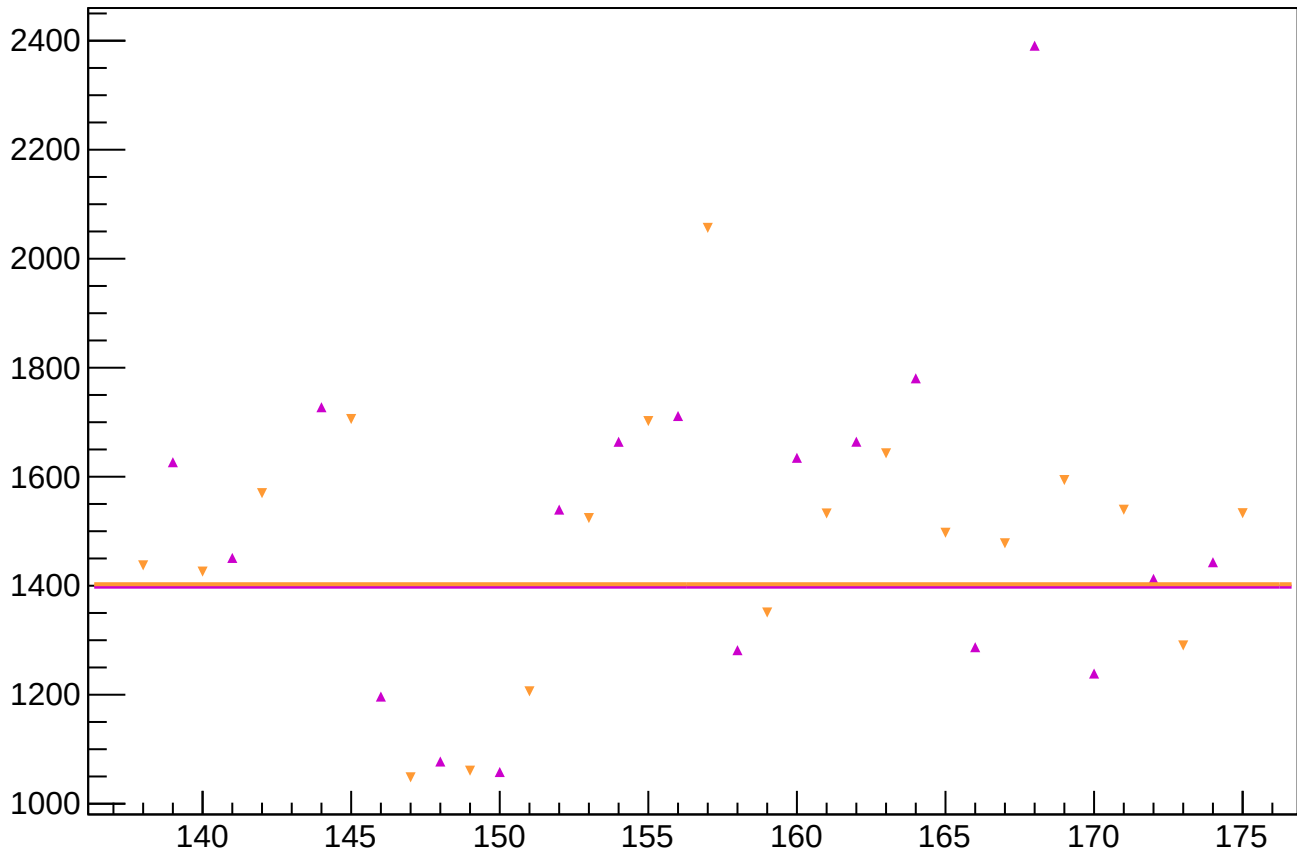
Left In: -108.120+/-378.882 χ^2/NDF :13.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.749+/-267.399 χ^2/NDF : 38.3/36

- 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: 1402.759+/-0.267 χ^2/NDF : 763225.0/18

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

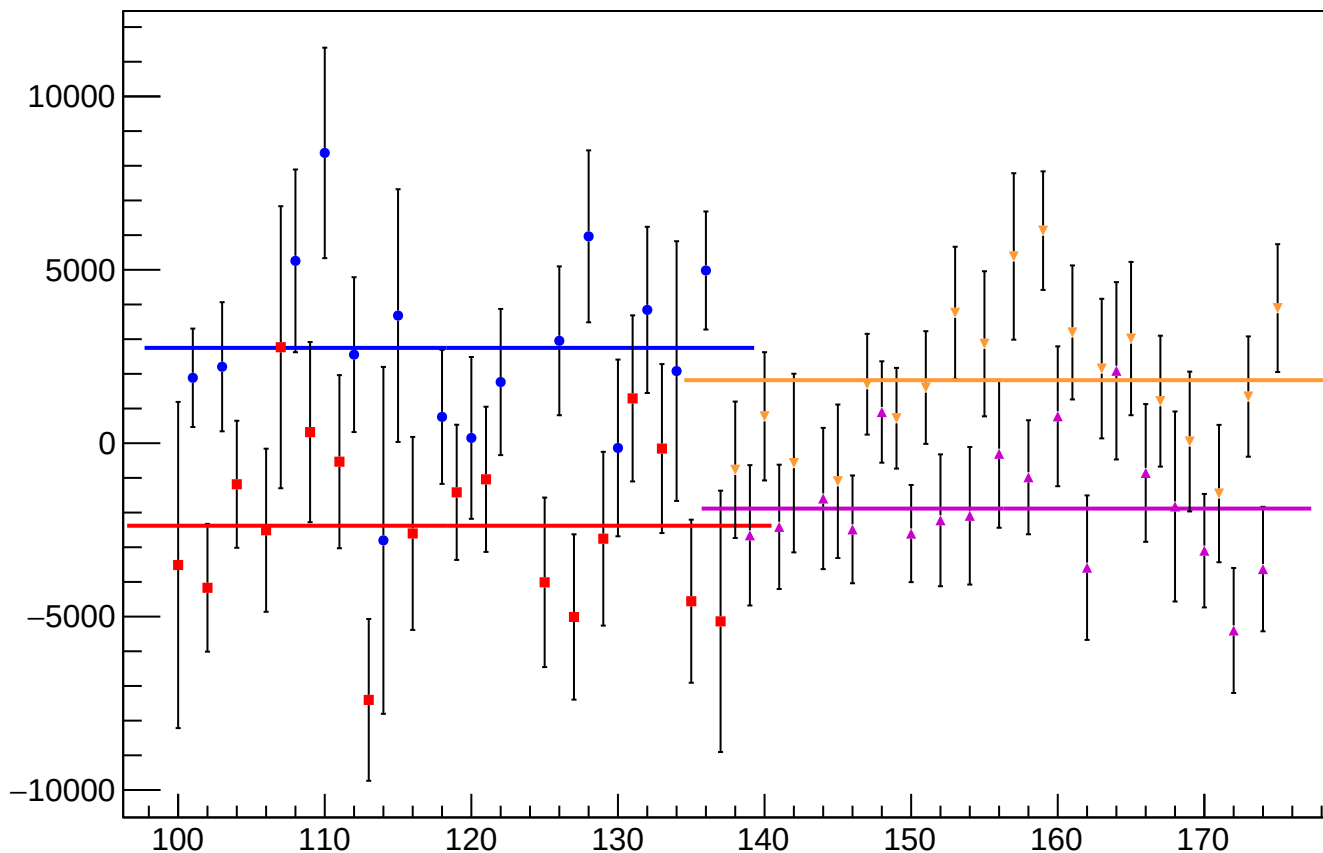
Left In: 1398.241+/-0.268 χ^2/NDF : 1033754.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.509+/-0.189 χ^2/NDF : 1797122.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



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

Left Out: 1817.024 $\pm$ 431.129 χ^2 /NDF:20.9/18

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

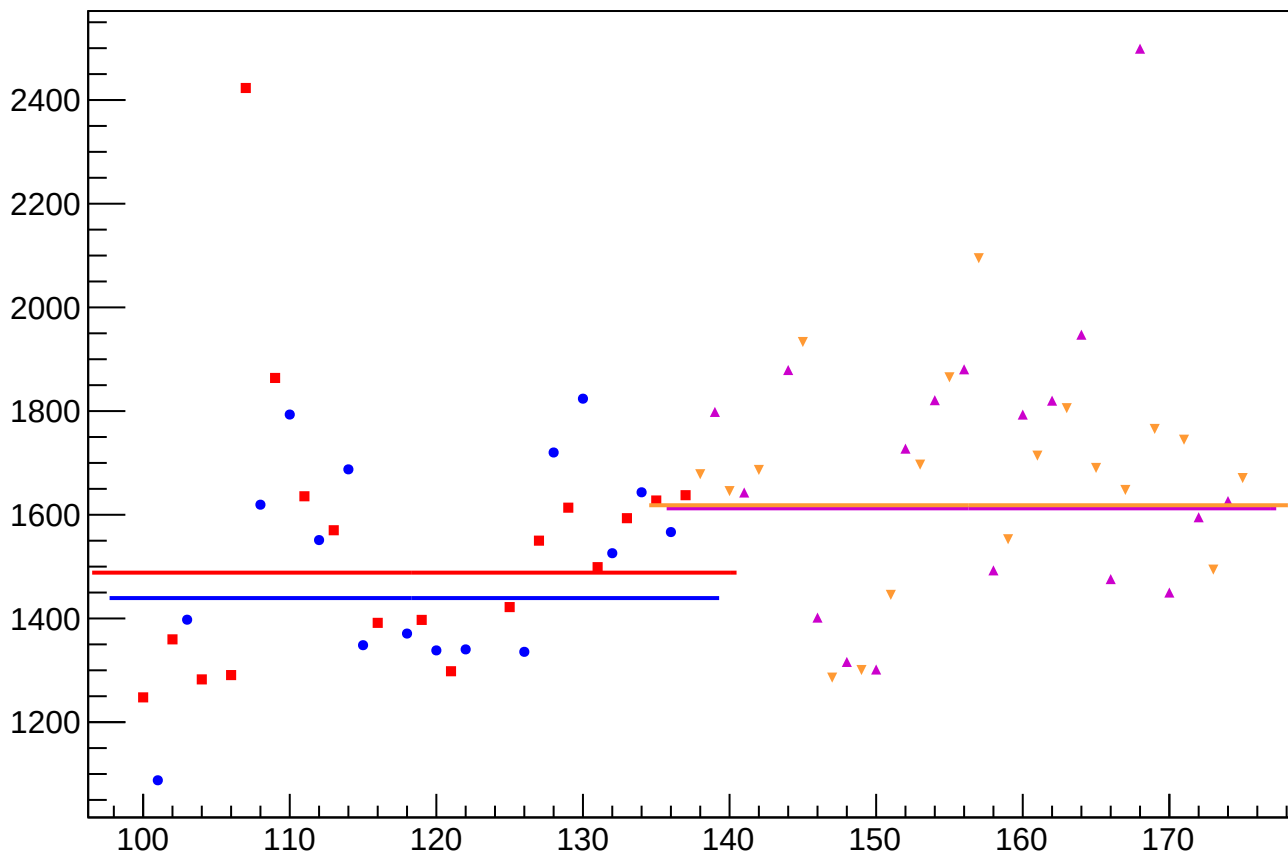
Left In: -1884.951 $\pm$ 433.681 χ^2 /NDF:15.6/17

+ sign 2161.485 $\pm$ 342.282 χ^2 /NDF: 36.1/34

All: 63.577 $\pm$ 242.954 χ^2 /NDF: 144.1/70

- sign -2066.672 $\pm$ 344.910 χ^2 /NDF: 32.3/35

asym_us_avg_rms vs Slug



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

Left Out: 1618.380+/-0.305 χ^2/NDF : 435803.3/18

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

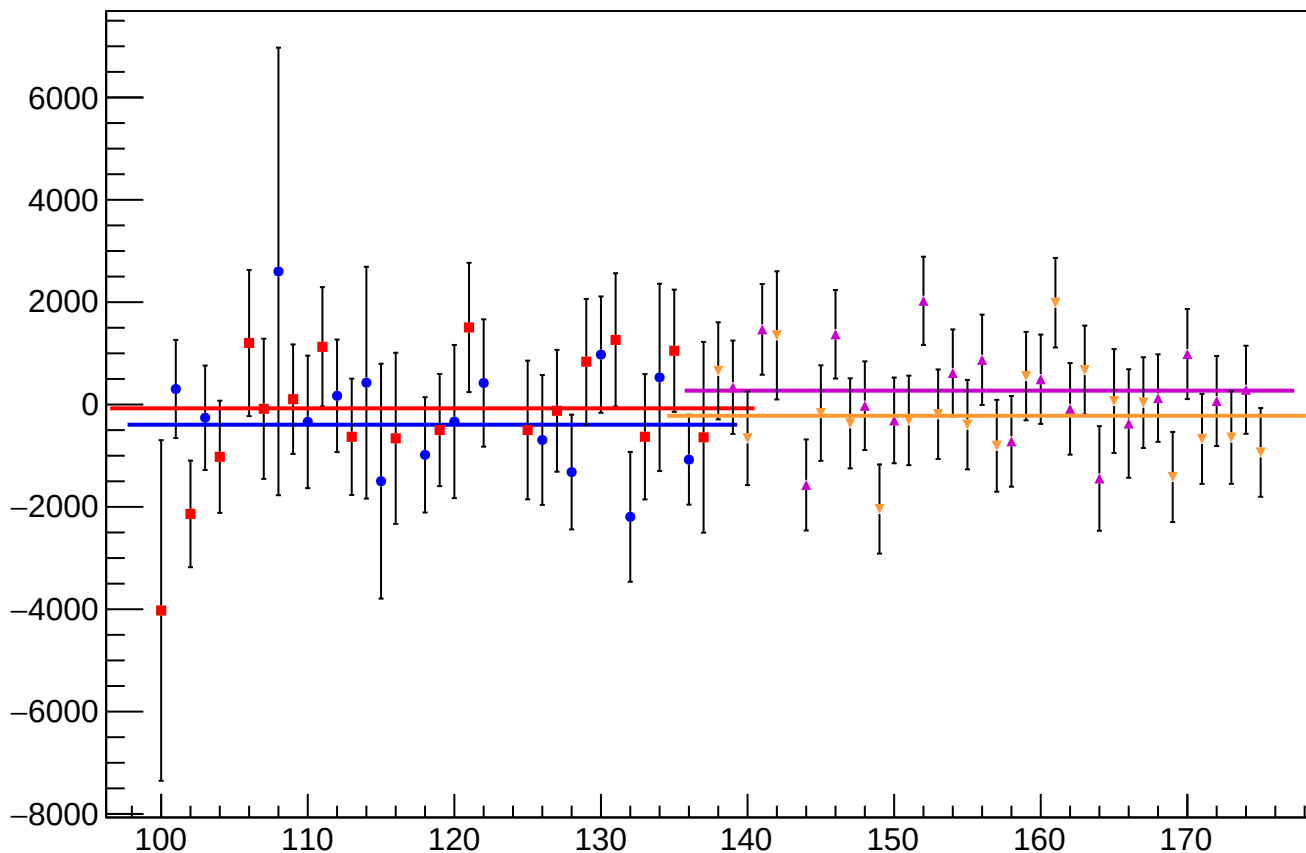
Left In: 1612.397+/-0.307 χ^2/NDF : 650063.6/17

+ sign 1552.187+/-0.242 χ^2/NDF : 841187.7/34

All: 1559.450+/-0.172 χ^2/NDF : 1809489.1/70

- sign 1566.824+/-0.244 χ^2/NDF : 966486.7/35

dit_asym_us_dd_mean vs Slug



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

Left Out: -219.548 ± 207.569 χ^2/NDF : 19.0/18

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

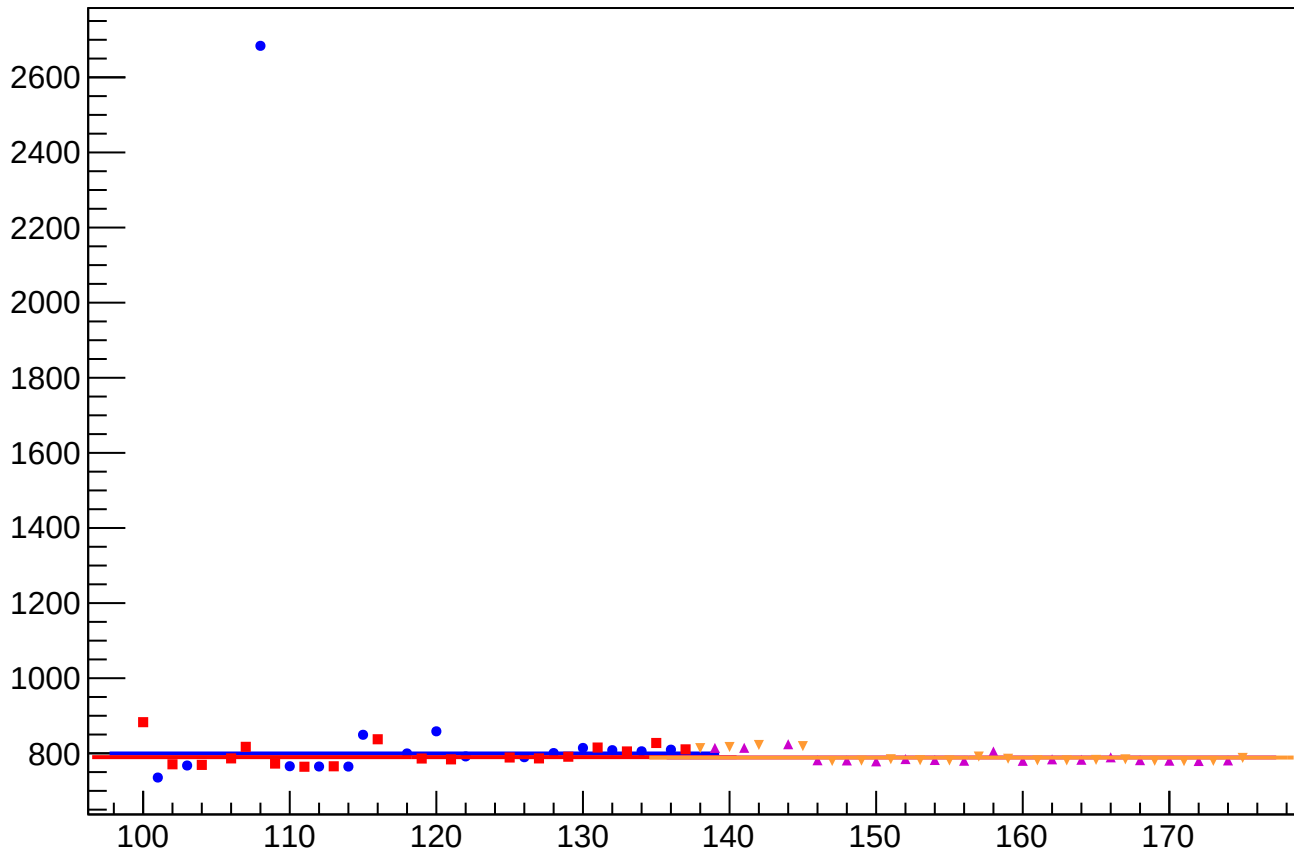
Left In: 271.329 ± 209.304 χ^2/NDF : 18.5/17

+ sign -272.904 ± 173.017 χ^2/NDF : 26.6/34

All: -55.695 ± 121.749 χ^2/NDF : 62.1/70

- sign 157.359 ± 171.354 χ^2/NDF : 32.4/35

dit_asym_us_dd_rms vs Slug



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

Left Out: 788.698 $\pm$ 0.147 χ^2 /NDF: 8714.9/18

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

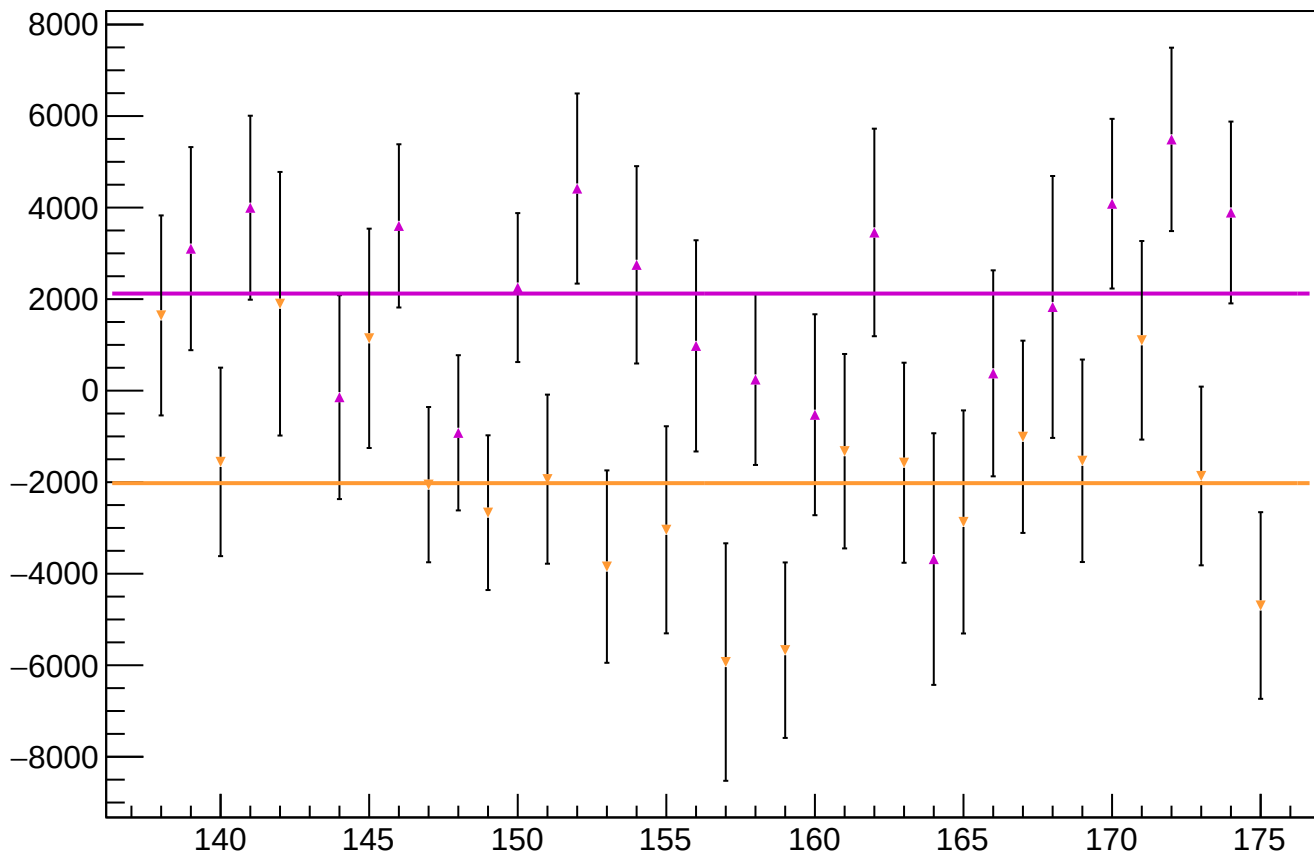
Left In: 788.976 $\pm$ 0.148 χ^2 /NDF: 9067.9/17

+ sign 792.006 $\pm$ 0.122 χ^2 /NDF: 401565.3/34

All: 790.613 $\pm$ 0.086 χ^2 /NDF: 422075.3/70

- sign 789.246 $\pm$ 0.121 χ^2 /NDF: 20252.9/35

asym_us_dd_correction_mean vs Slug



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

Left Out: -2021.152+/-481.239 χ^2/NDF : 17.8/18

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

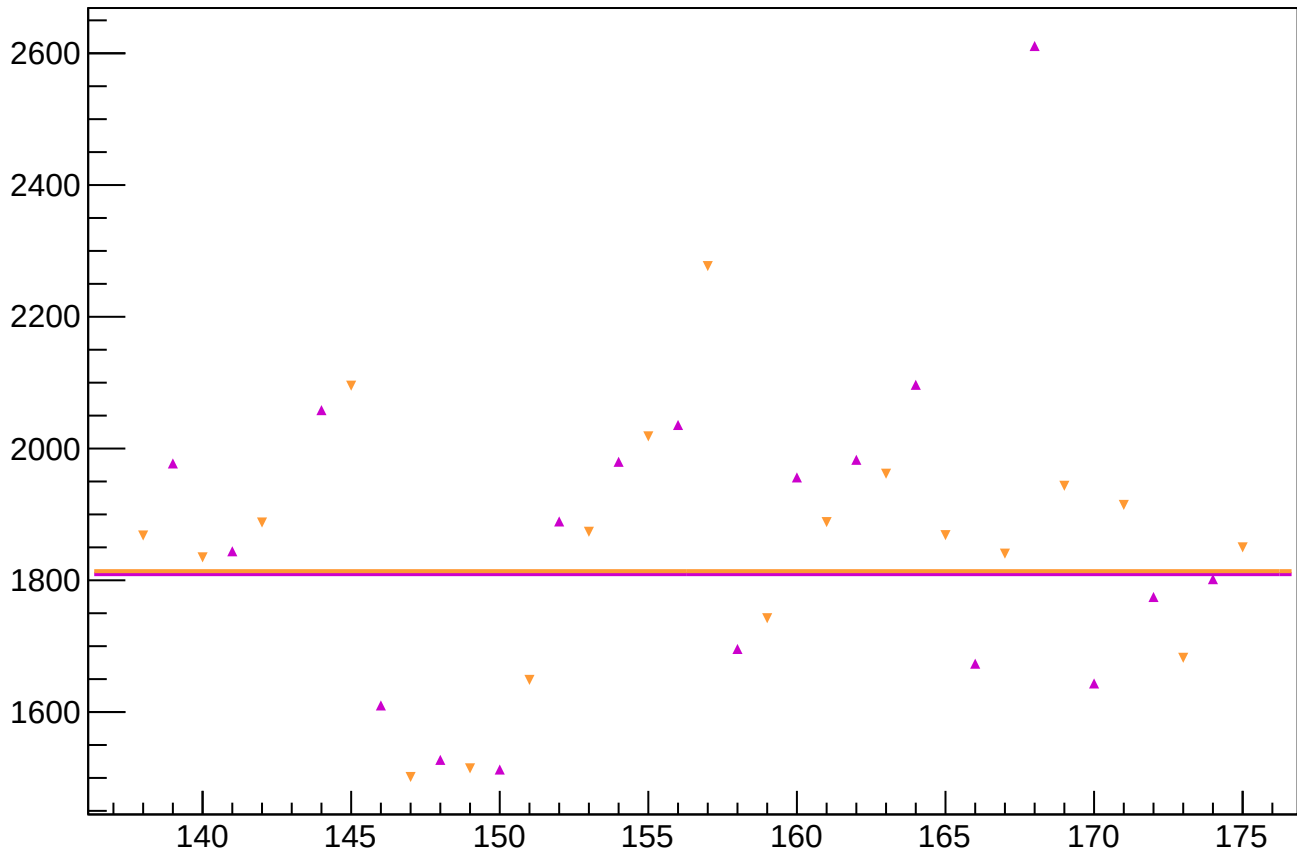
Left In: 2121.428+/-484.469 χ^2/NDF : 20.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.284+/-341.424 χ^2/NDF : 74.8/36

- 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: 1813.878+/-0.340 χ^2/NDF : 295138.8/18

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

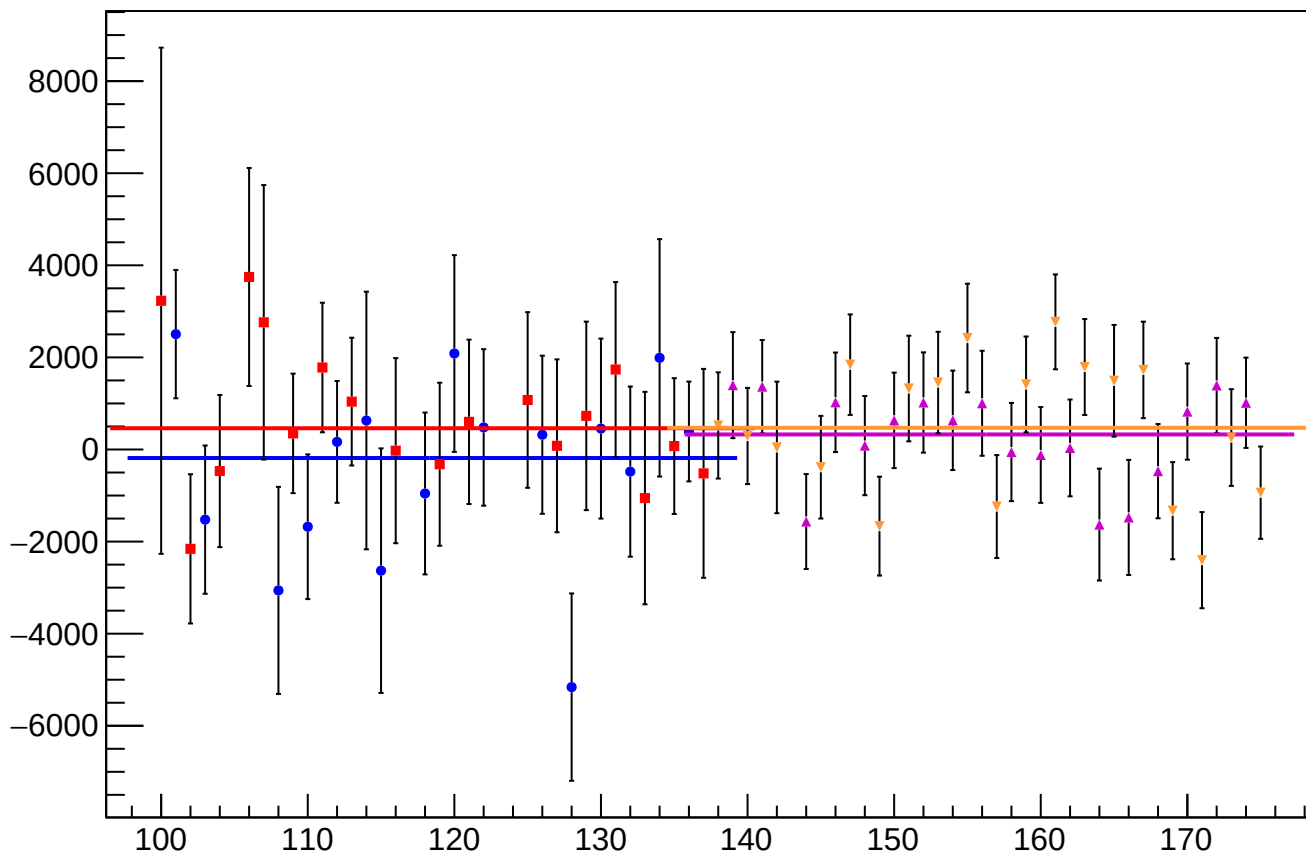
Left In: 1809.322+/-0.343 χ^2/NDF : 449326.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1811.616+/-0.241 χ^2/NDF : 744554.1/36

- 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: 471.781 ± 251.047 χ^2/NDF : 34.7/18

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

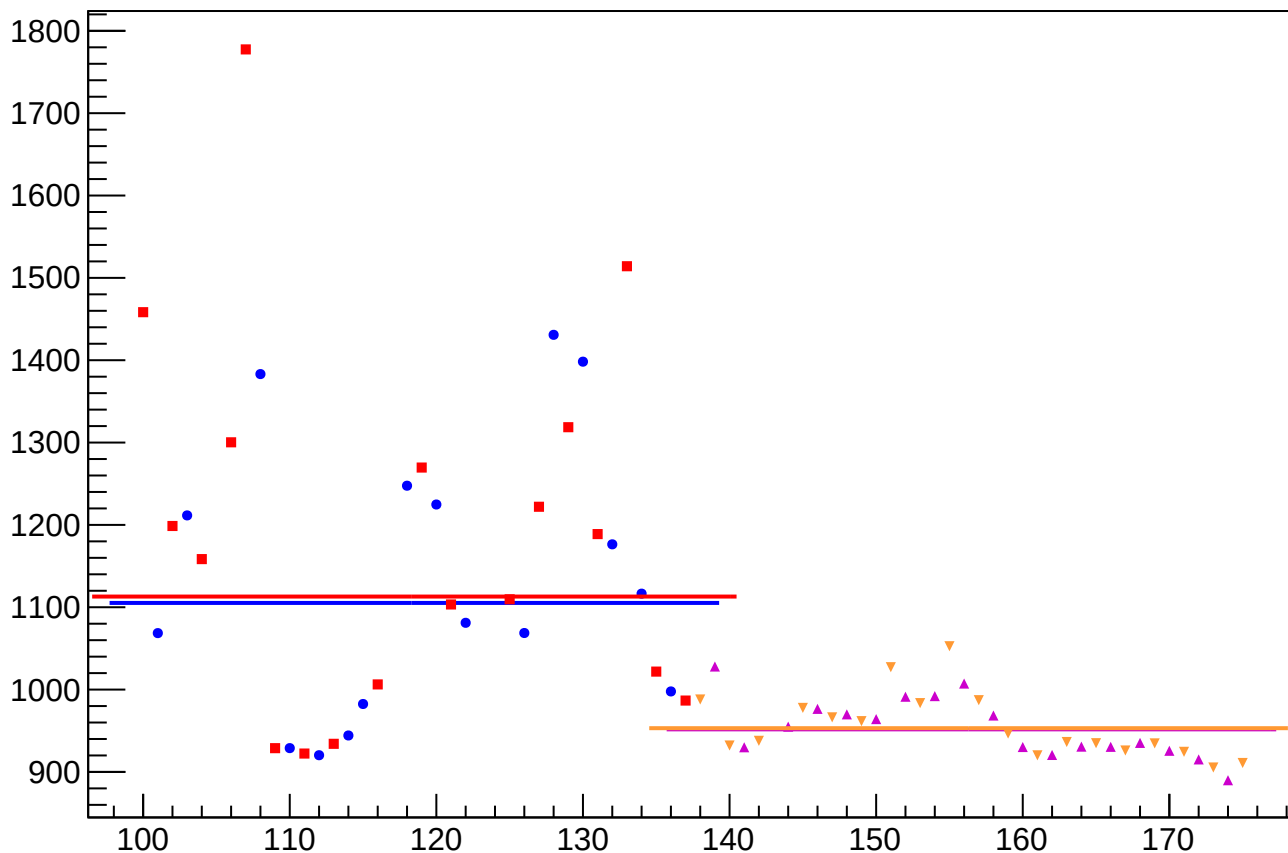
Left In: 326.791 ± 252.650 χ^2/NDF : 14.1/17

+ sign 305.670 ± 216.993 χ^2/NDF : 53.1/34

All: 333.613 ± 153.591 χ^2/NDF : 75.7/70

- sign 361.668 ± 217.429 χ^2/NDF : 22.5/35

asym_us_dd_rms vs Slug



Right In: 1105.236 $\pm$ 0.305 χ^2 /NDF: 255366.2/15

Left Out: 953.118 $\pm$ 0.178 χ^2 /NDF: 44450.9/18

Right Out: 1112.974 $\pm$ 0.302 χ^2 /NDF: 362995.4/17

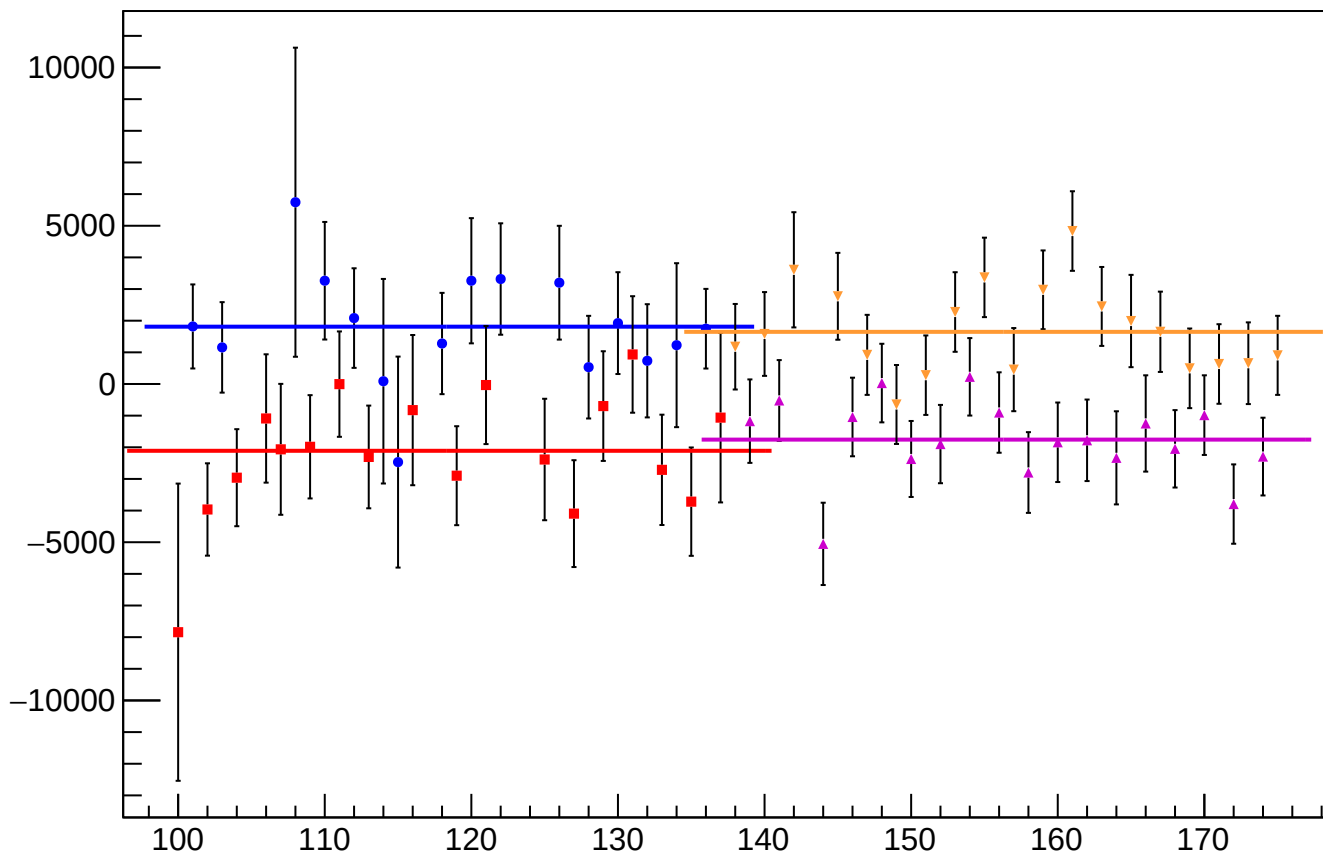
Left In: 951.687 $\pm$ 0.179 χ^2 /NDF: 38324.7/17

+ sign 991.588 $\pm$ 0.153 χ^2 /NDF: 485521.5/34

All: 992.553 $\pm$ 0.109 χ^2 /NDF: 1098331.9/70

- sign 993.522 $\pm$ 0.154 χ^2 /NDF: 612731.1/35

dit_asym_usl_mean vs Slug



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

Left Out: 1647.596 $\pm$ 298.576 χ^2 /NDF:20.3/18

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

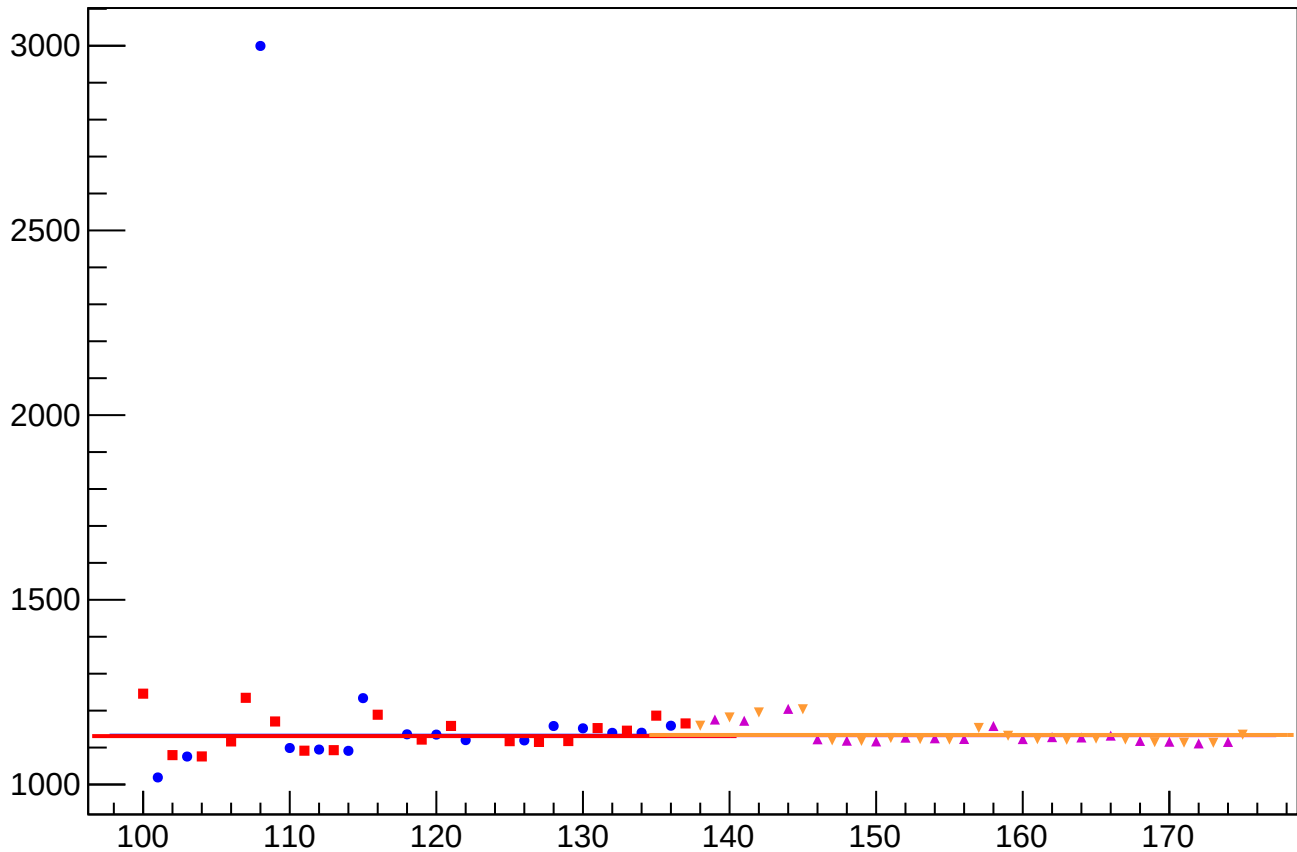
Left In: -1757.685 $\pm$ 300.757 χ^2 /NDF:17.5/17

+ sign 1698.791 $\pm$ 247.441 χ^2 /NDF: 26.8/34

All: -98.227 $\pm$ 174.461 χ^2 /NDF: 162.7/70

- sign -1874.597 $\pm$ 246.015 χ^2 /NDF: 31.0/35

dit_asym_usl_rms vs Slug



Right In: 1132.074+/-0.313 χ^2/NDF : 316026.3/15

Left Out: 1134.086+/-0.211 χ^2/NDF : 14339.9/18

Right Out: 1131.016+/-0.302 χ^2/NDF : 19719.1/17

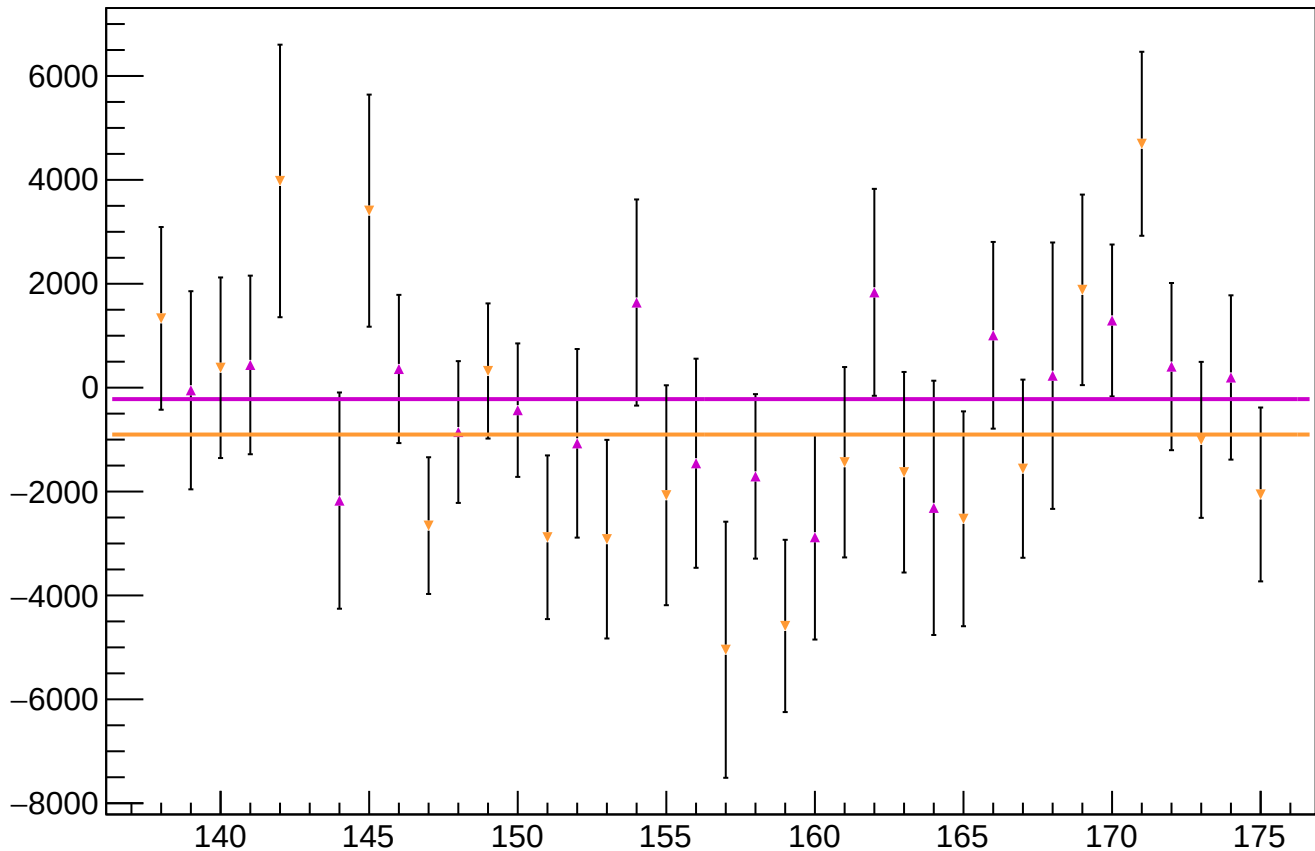
Left In: 1133.541+/-0.213 χ^2/NDF : 13838.0/17

+ sign 1133.456+/-0.175 χ^2/NDF : 330394.6/34

All: 1133.078+/-0.123 χ^2/NDF : 364007.6/70

- sign 1132.705+/-0.174 χ^2/NDF : 33603.7/35

asym_usl_correction_mean vs Slug



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

Left Out: -902.523+/-403.150 χ^2/NDF : 36.5/18

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

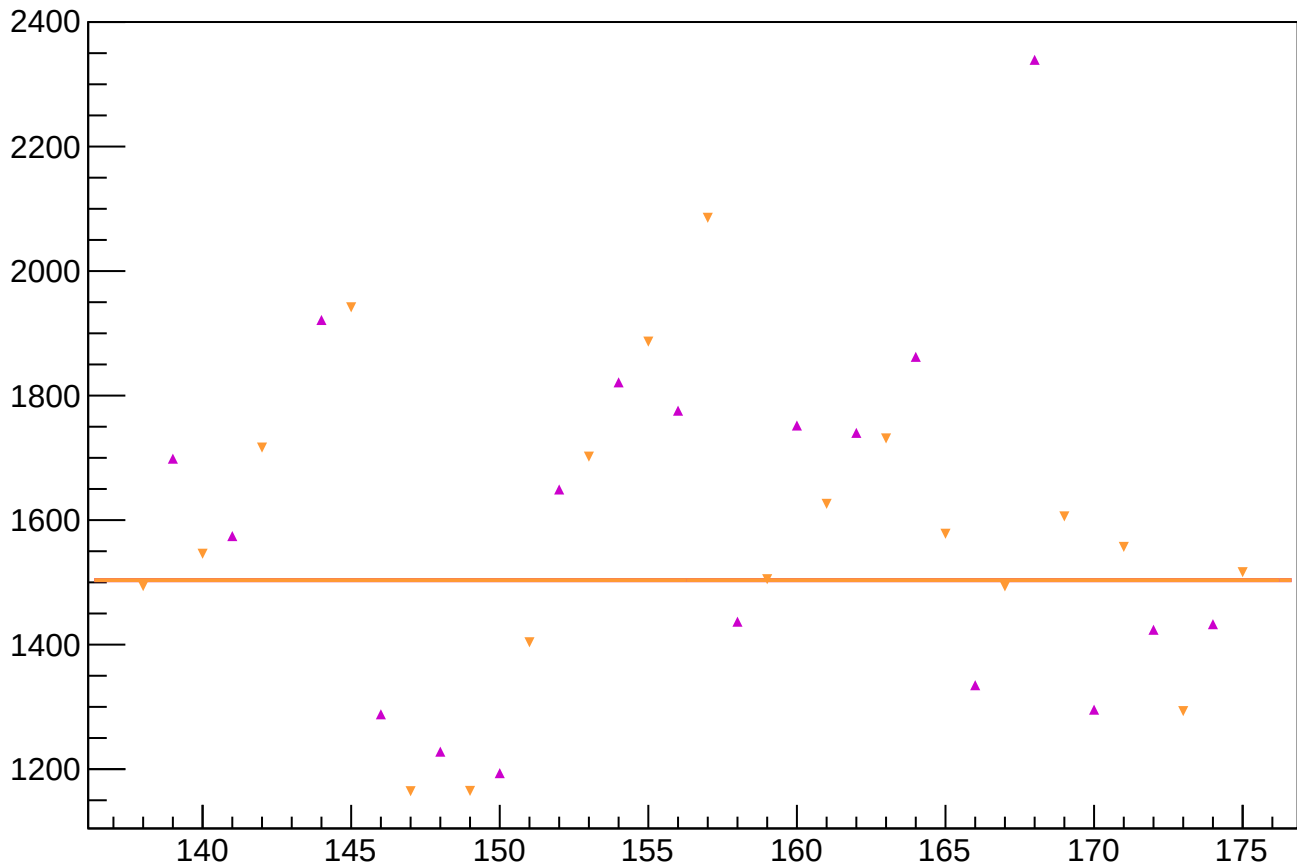
Left In: -220.668+/-405.782 χ^2/NDF : 9.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.813+/-285.996 χ^2/NDF : 47.2/36

- 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: 1503.554+/-0.285 χ^2/NDF : 652960.0/18

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

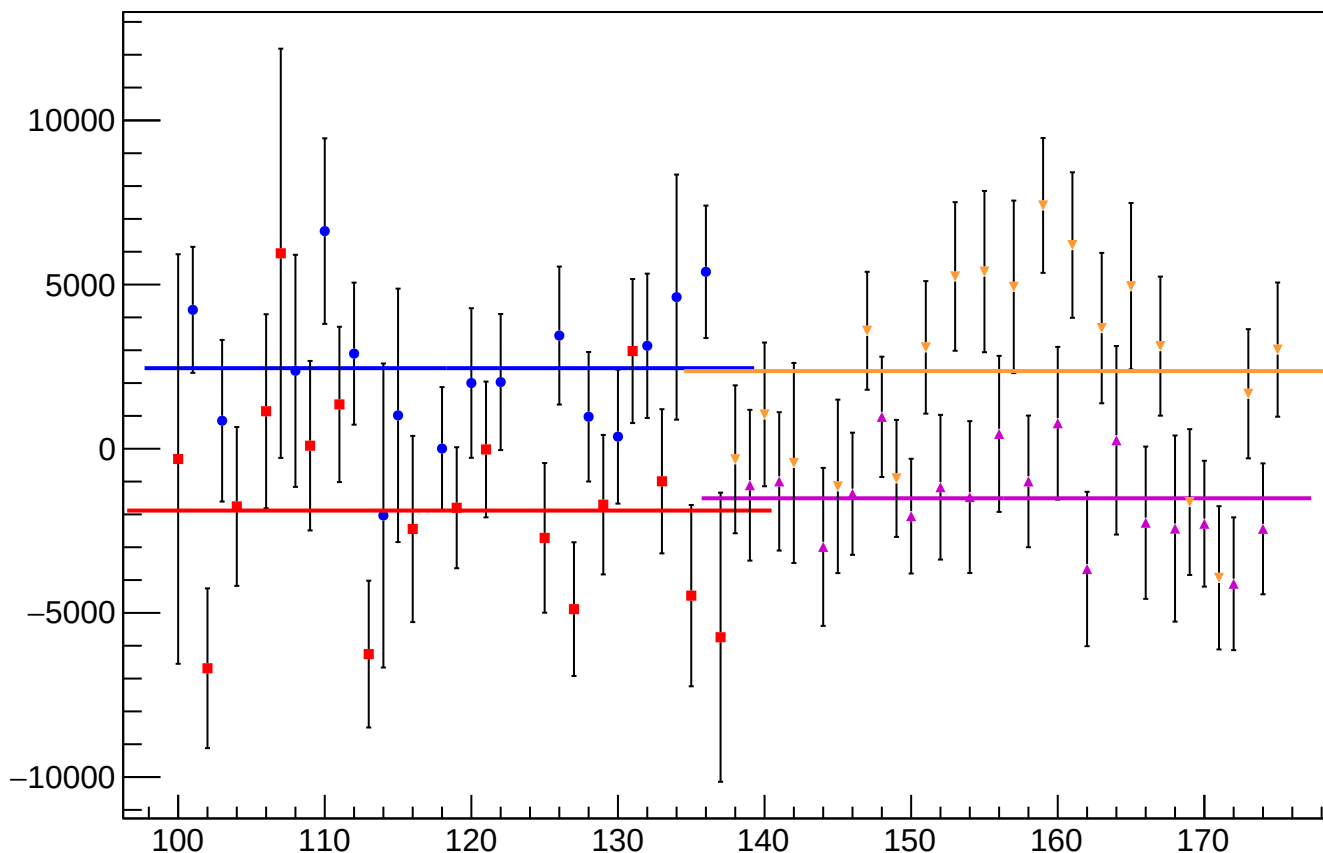
Left In: 1503.576+/-0.287 χ^2/NDF : 835183.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.565+/-0.202 χ^2/NDF : 1488143.4/30

- 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: 2365.721 $\pm$ 502.889 χ^2 /NDF:34.8/18

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

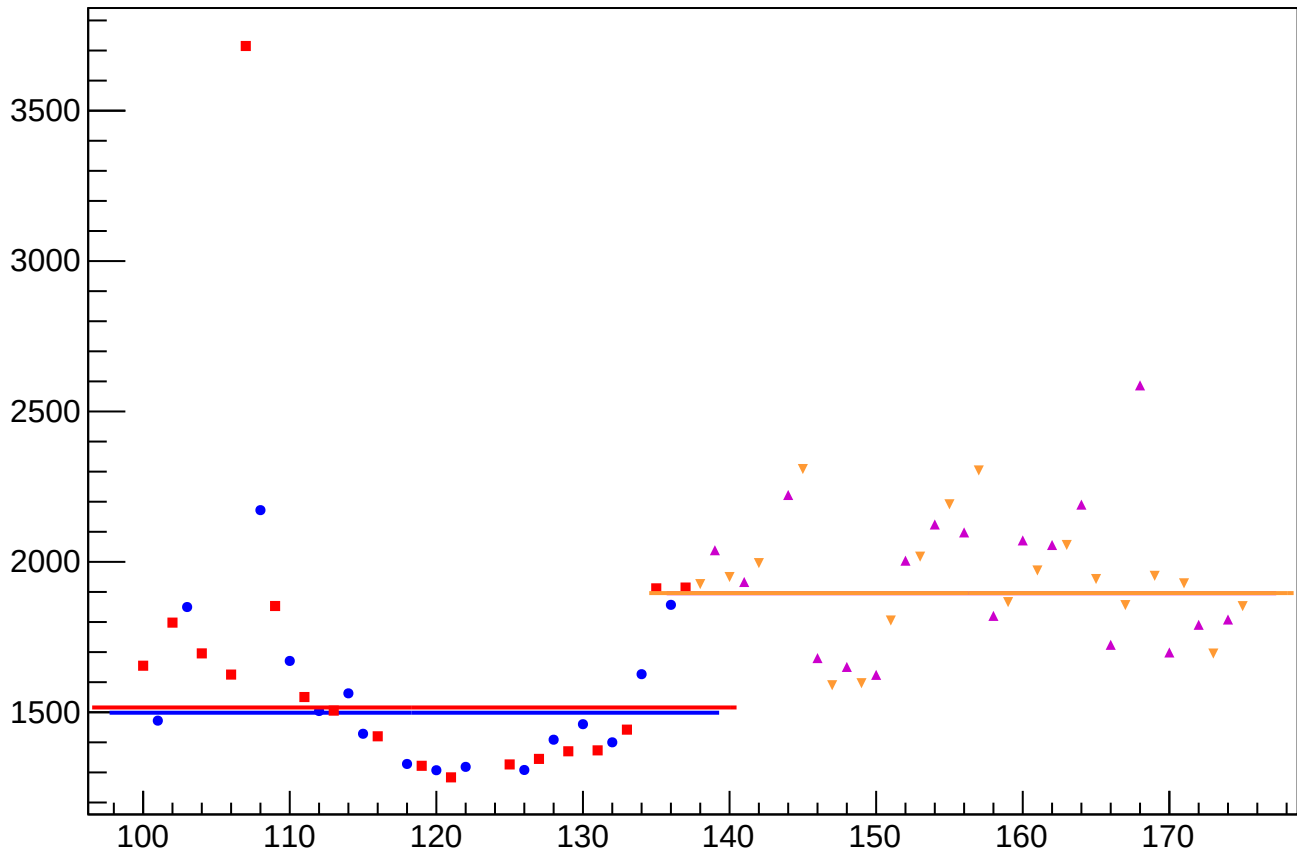
Left In: -1509.173 $\pm$ 507.267 χ^2 /NDF:7.6/17

+ sign 2403.146 $\pm$ 381.159 χ^2 /NDF: 45.5/34

All: 374.957 $\pm$ 270.077 χ^2 /NDF: 133.0/70

- sign -1670.079 $\pm$ 382.739 χ^2 /NDF: 30.6/35

asym_usl_rms vs Slug



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

Left Out: 1896.195+/-0.356 χ^2/NDF : 291423.2/18

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

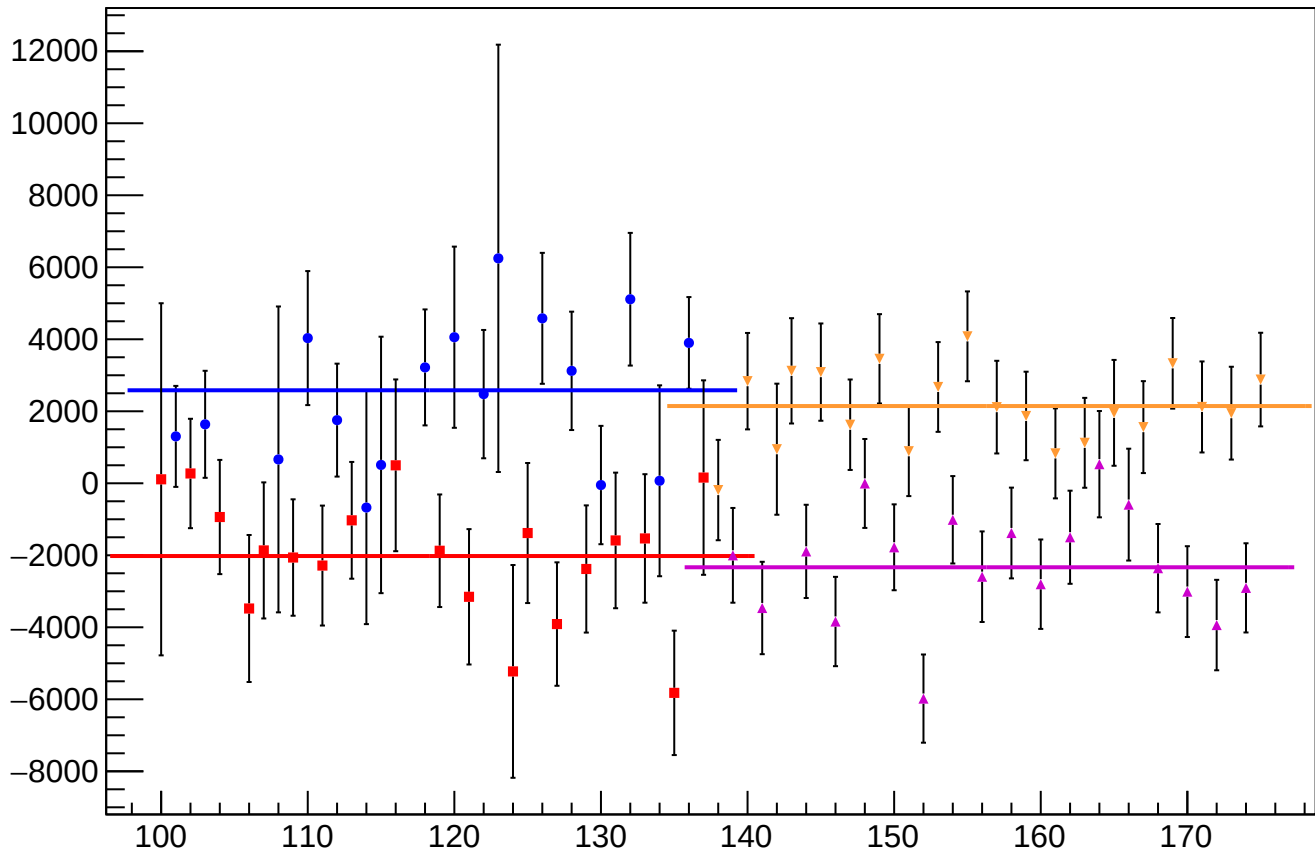
Left In: 1895.778+/-0.359 χ^2/NDF : 399614.3/17

+ sign 1726.957+/-0.270 χ^2/NDF : 1082521.1/34

All: 1729.558+/-0.191 χ^2/NDF : 2445835.7/70

- sign 1732.181+/-0.271 χ^2/NDF : 1363127.5/35

dit_asym_usr_mean vs Slug



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

Left Out: 2145.293 $\pm$ 292.655 χ^2 /NDF:12.6/19

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

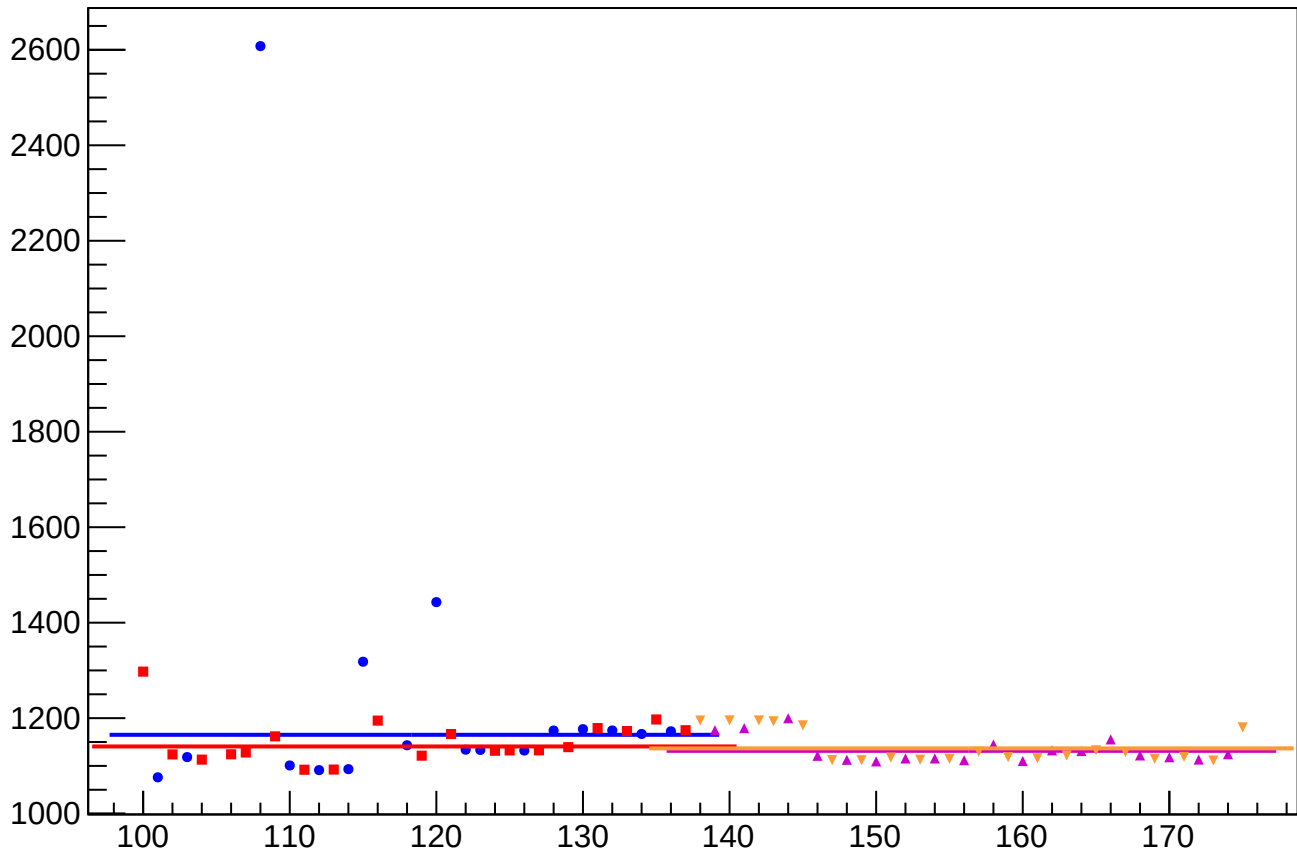
Left In: -2333.045 $\pm$ 300.239 χ^2 /NDF:24.6/17

+ sign 2274.101 $\pm$ 245.850 χ^2 /NDF: 25.6/36

All: 19.542 $\pm$ 173.738 χ^2 /NDF: 232.0/73

- sign -2229.643 $\pm$ 245.556 χ^2 /NDF: 38.4/36

dit_asym_usr_rms vs Slug



Right In: 1165.146 $\pm$ 0.320 χ^2 /NDF: 278570.1/16

Left Out: 1136.691 $\pm$ 0.207 χ^2 /NDF: 23828.9/19

Right Out: 1140.752 $\pm$ 0.302 χ^2 /NDF: 12717.7/18

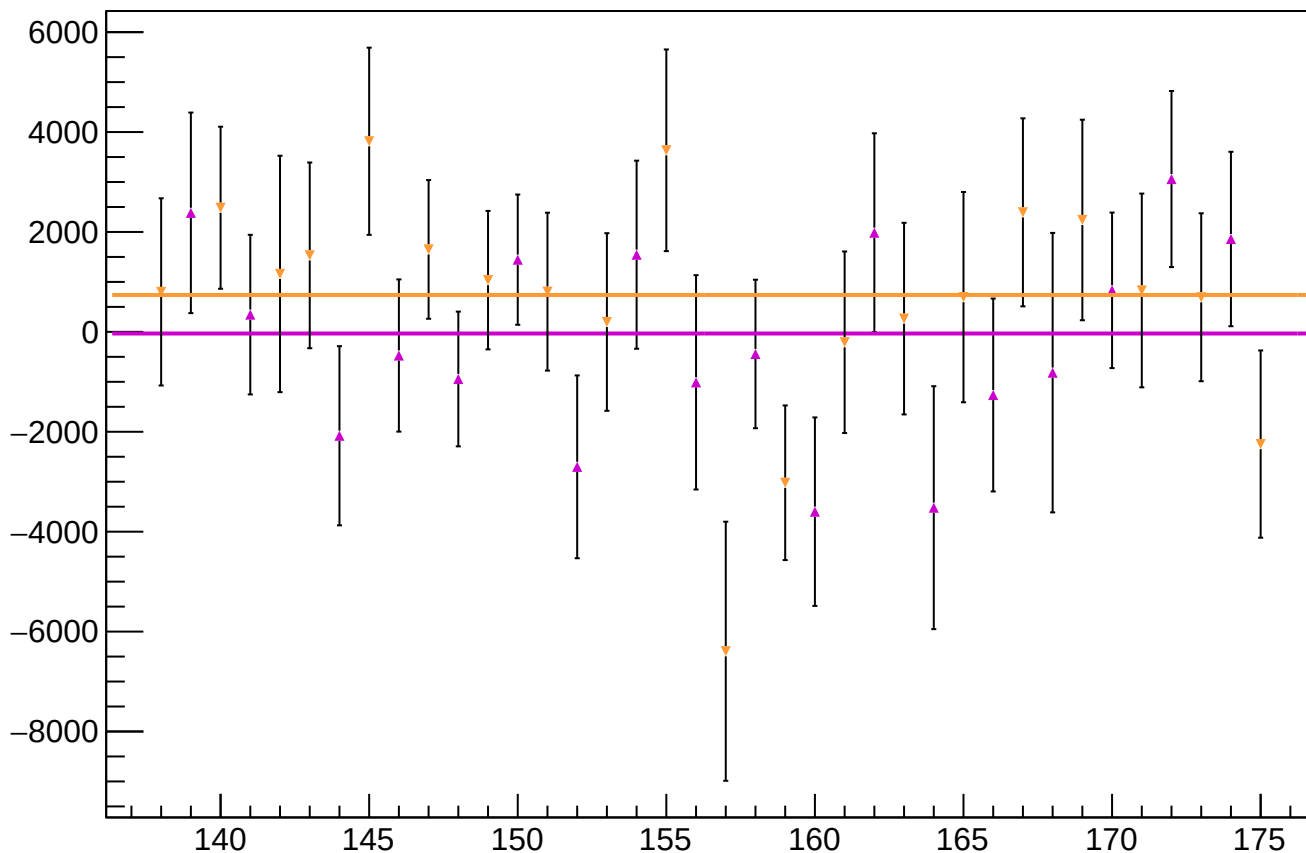
Left In: 1131.552 $\pm$ 0.212 χ^2 /NDF: 15033.6/17

+ sign 1145.065 $\pm$ 0.174 χ^2 /NDF: 307963.3/36

All: 1139.825 $\pm$ 0.123 χ^2 /NDF: 338151.3/73

- sign 1134.598 $\pm$ 0.174 χ^2 /NDF: 28373.1/36

asym_usr_correction_mean vs Slug



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

Left Out: 738.508+/-400.955 χ^2/NDF : 24.4/19

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

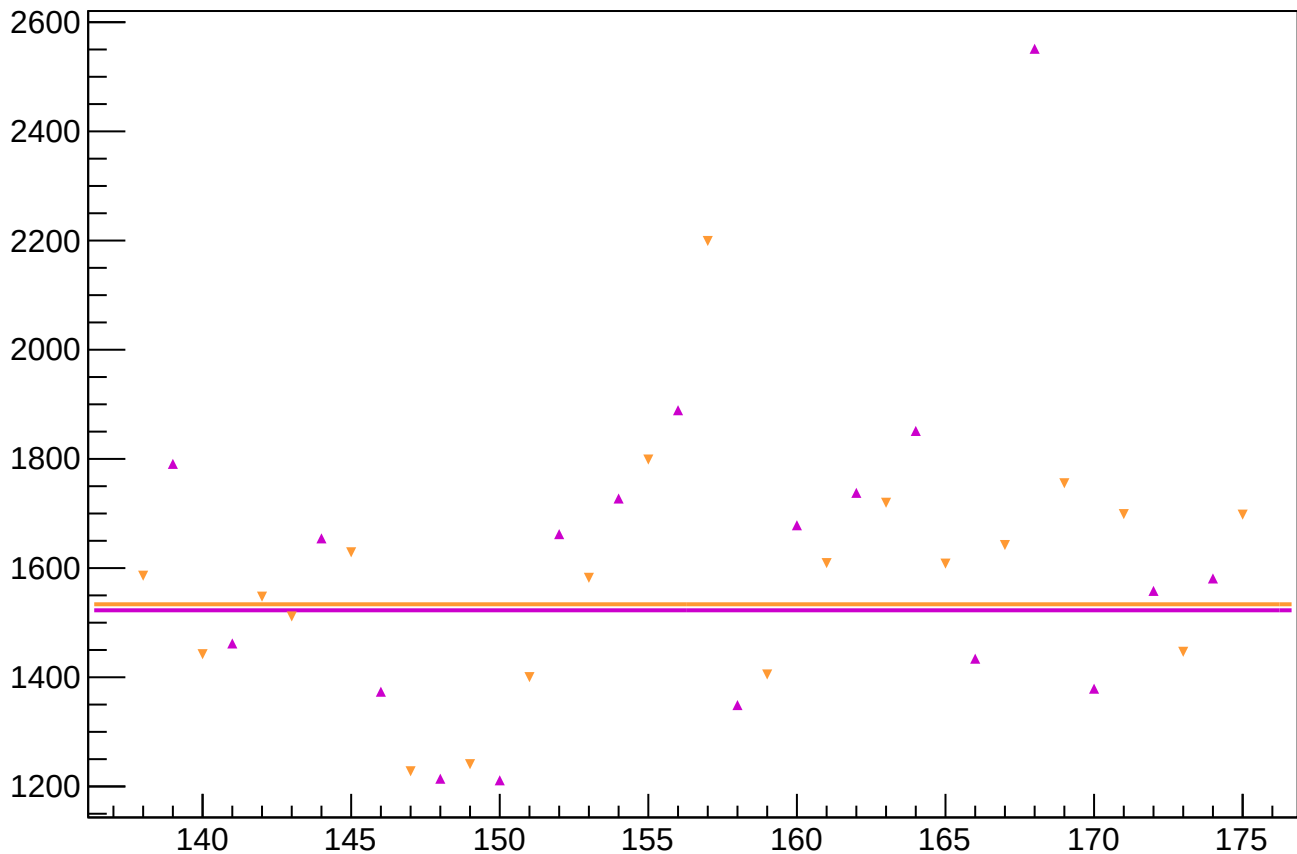
Left In: -32.595+/-410.609 χ^2/NDF : 19.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.128+/-286.870 χ^2/NDF : 45.6/37

- 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: 1533.713+/-0.284 χ^2/NDF : 486612.0/19

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

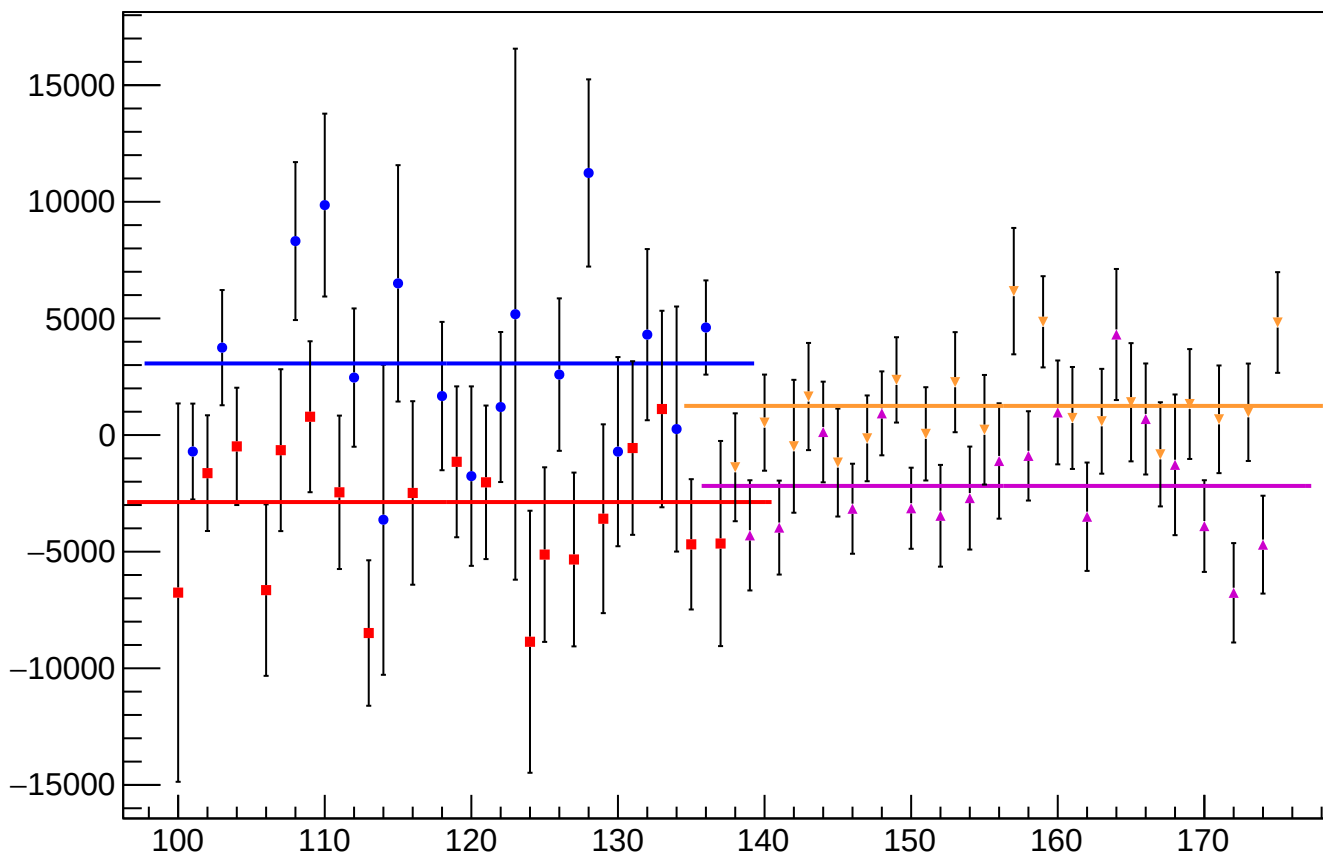
Left In: 1522.680+/-0.290 χ^2/NDF : 776366.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1528.328+/-0.203 χ^2/NDF : 1263717.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



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

Left Out: 1249.516 $\pm$ 491.561 χ^2 /NDF:15.2/19

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

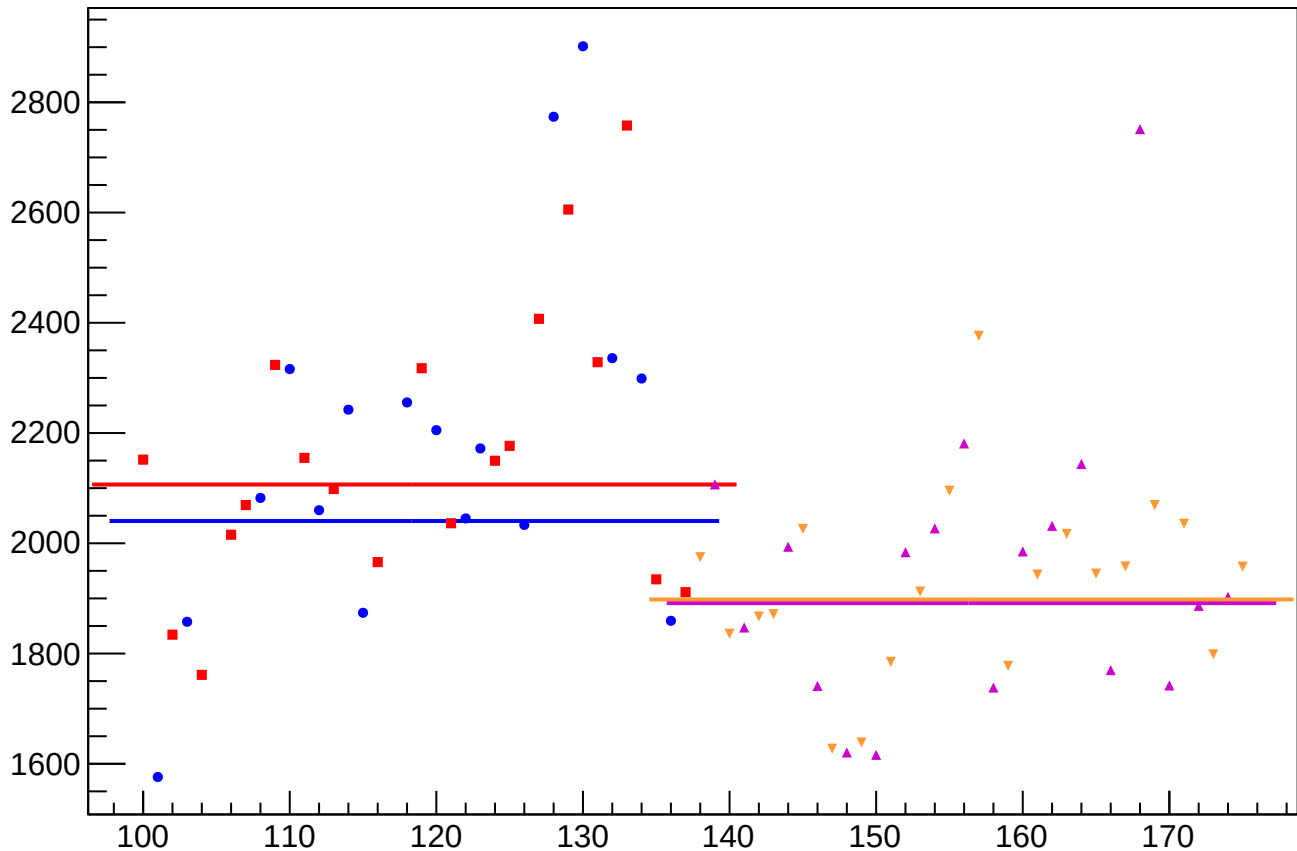
Left In: -2180.938 $\pm$ 505.925 χ^2 /NDF:23.4/17

+ sign 1750.372 $\pm$ 418.491 χ^2 /NDF: 37.5/36

All: -273.921 $\pm$ 298.840 χ^2 /NDF: 120.7/73

- sign -2380.187 $\pm$ 426.880 χ^2 /NDF: 35.5/36

asym_usr_rms vs Slug



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

Left Out: 1898.160+/-0.348 χ^2/NDF : 217003.6/19

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

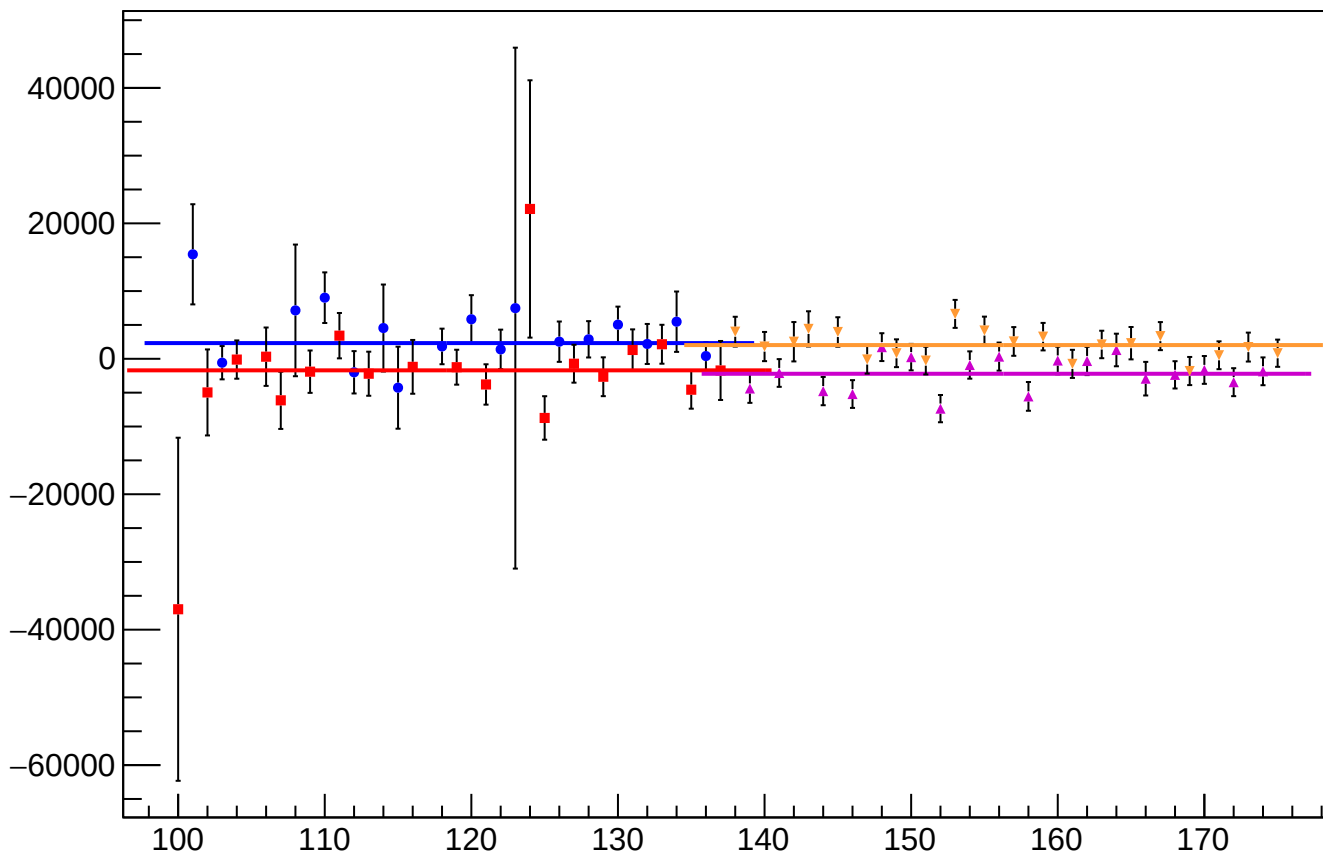
Left In: 1891.536+/-0.358 χ^2/NDF : 387396.7/17

+ sign 1937.313+/-0.296 χ^2/NDF : 594451.3/36

All: 1945.244+/-0.211 χ^2/NDF : 1282859.7/73

- sign 1953.496+/-0.302 χ^2/NDF : 686942.9/36

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2026.012 $\pm$ 478.879 χ^2 /NDF:18.2/19

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

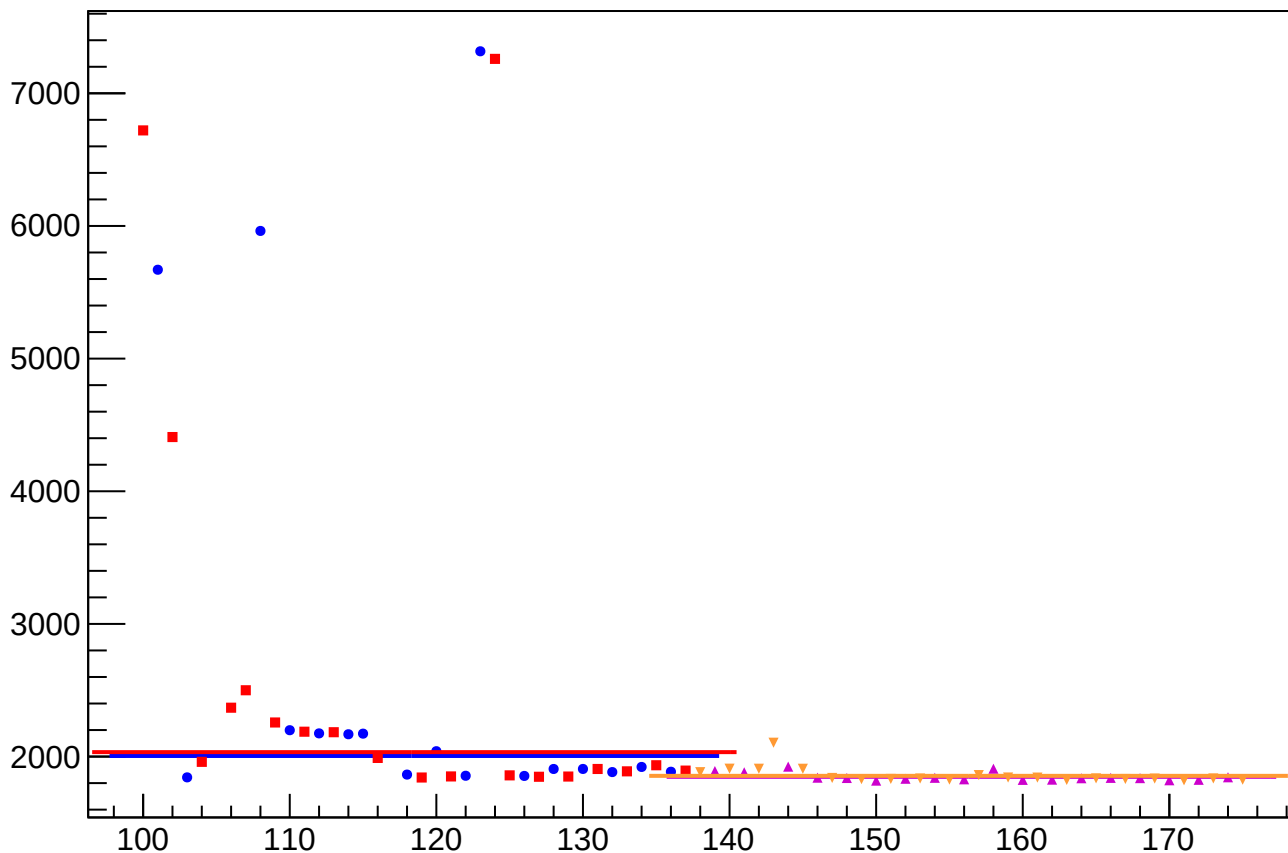
Left In: -2211.397 $\pm$ 491.890 χ^2 /NDF:25.3/17

+ sign 2103.107 $\pm$ 411.084 χ^2 /NDF: 33.1/36

All: 44.733 $\pm$ 292.575 χ^2 /NDF: 126.6/73

- sign -2068.203 $\pm$ 416.497 χ^2 /NDF: 42.7/36

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1854.717 $\pm$ 0.339 χ^2 /NDF: 25459.2/19

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

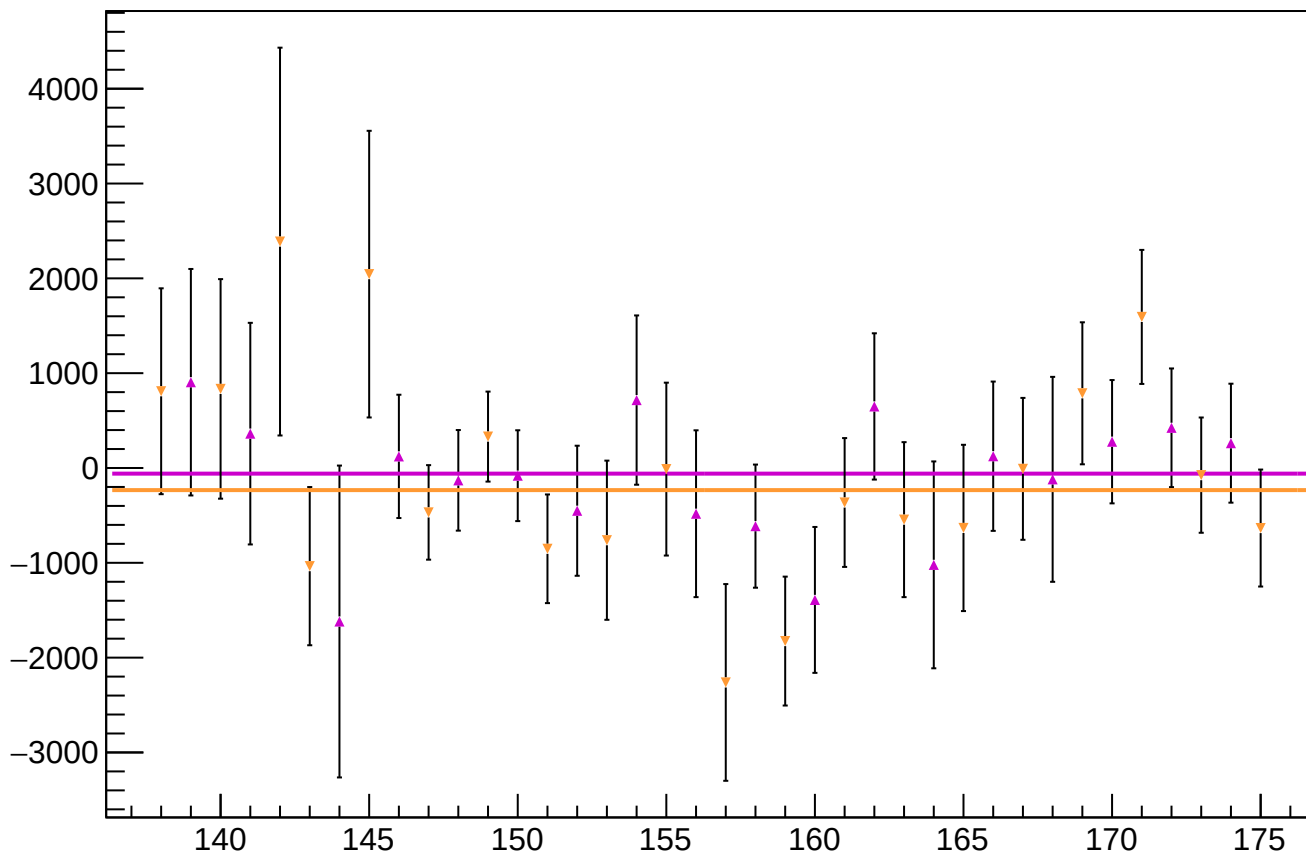
Left In: 1847.413 $\pm$ 0.348 χ^2 /NDF: 7655.2/17

+ sign 1894.138 $\pm$ 0.291 χ^2 /NDF: 992985.8/36

All: 1897.072 $\pm$ 0.207 χ^2 /NDF: 1692869.1/73

- sign 1900.083 $\pm$ 0.295 χ^2 /NDF: 699676.9/36

asym_at1_avg_correction_mean vs Slug



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

Left Out: -233.318 $\pm$ 164.832 χ^2 /NDF:28.7/19

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

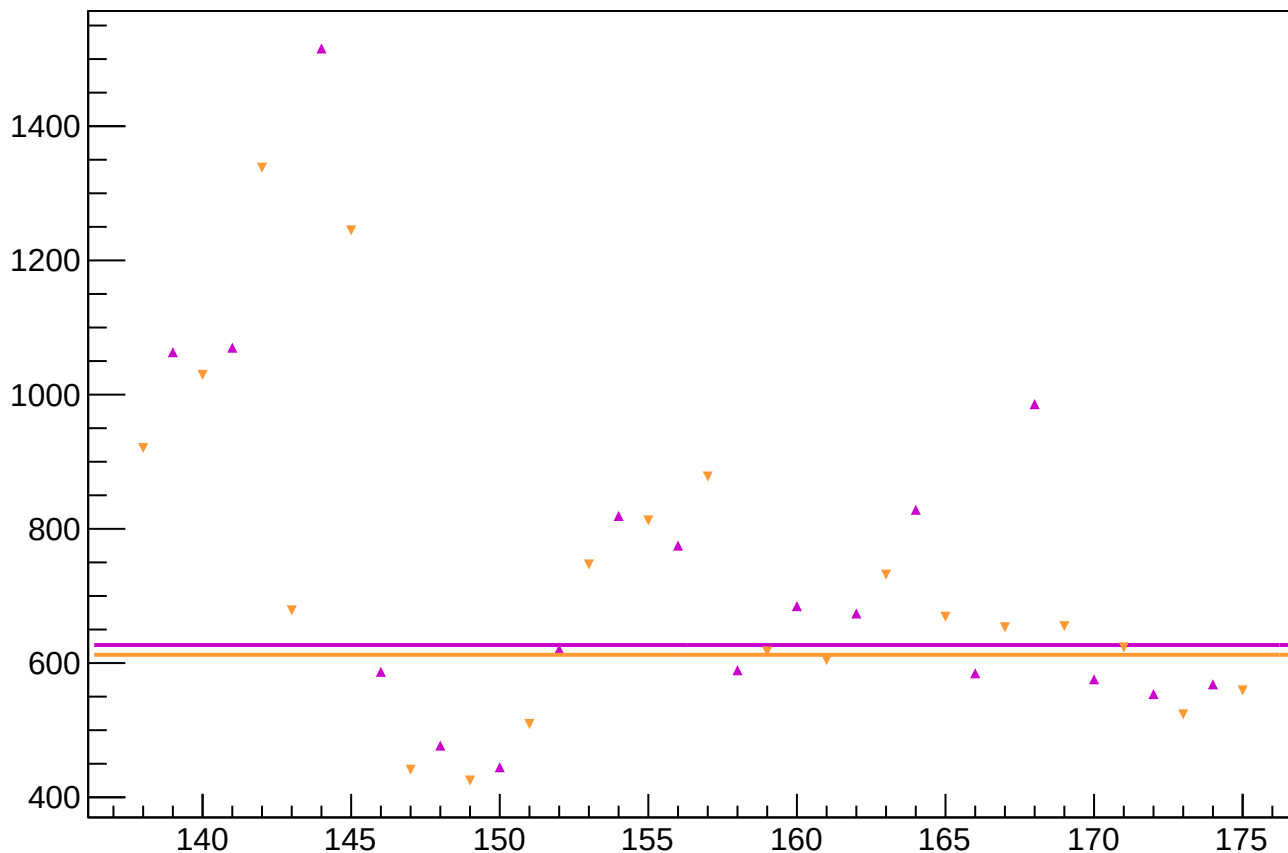
Left In: -59.518 $\pm$ 173.383 χ^2 /NDF:9.6/17

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

All: -150.810 $\pm$ 119.462 χ^2 /NDF: 38.8/37

- sign 0.000 $\pm$ 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: 612.298+/-0.117 χ^2/NDF :2048685.1/19

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

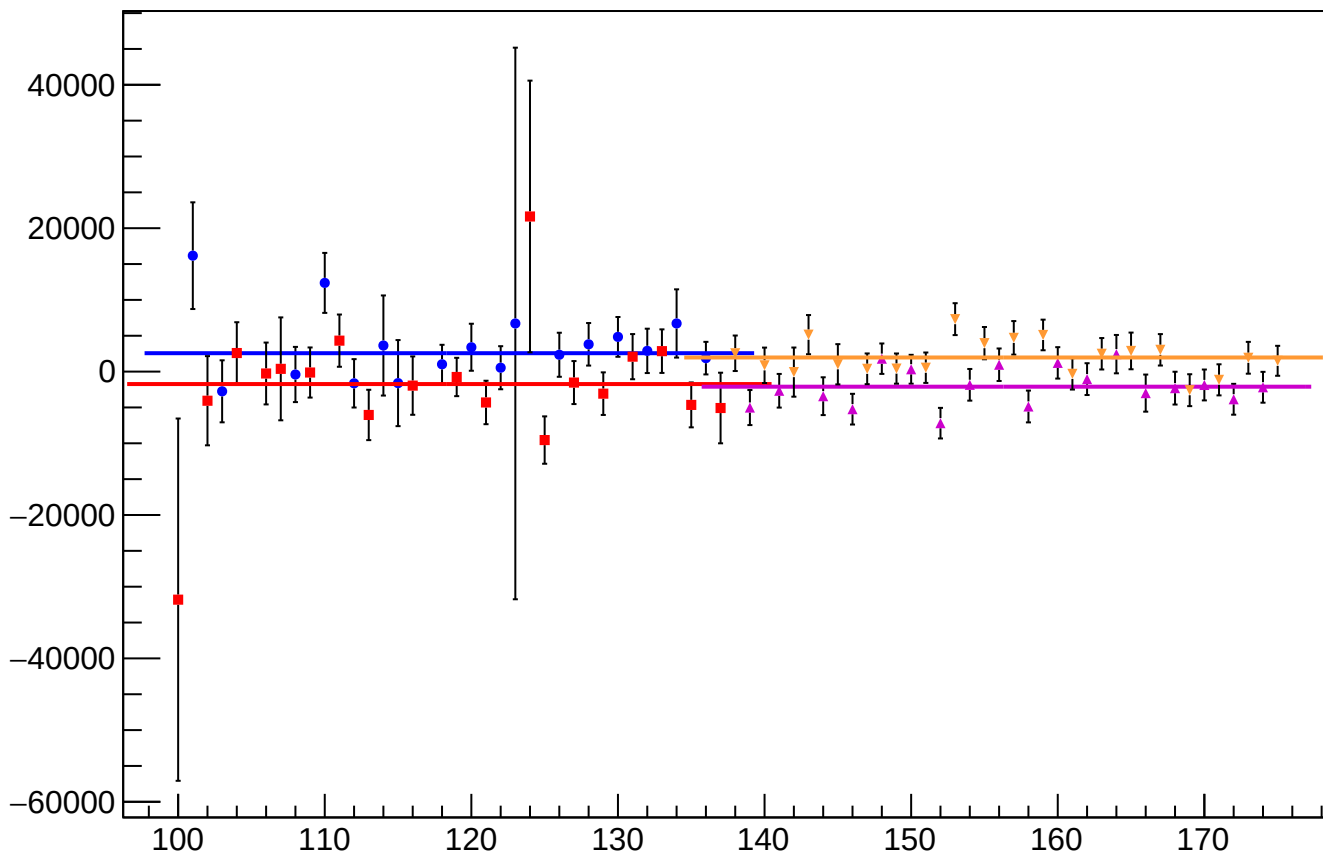
Left In: 626.865+/-0.123 χ^2/NDF :2121758.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.214+/-0.084 χ^2/NDF : 4177859.5/37

- 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: 1968.123 $\pm$ 515.352 χ^2 /NDF:21.5/19

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

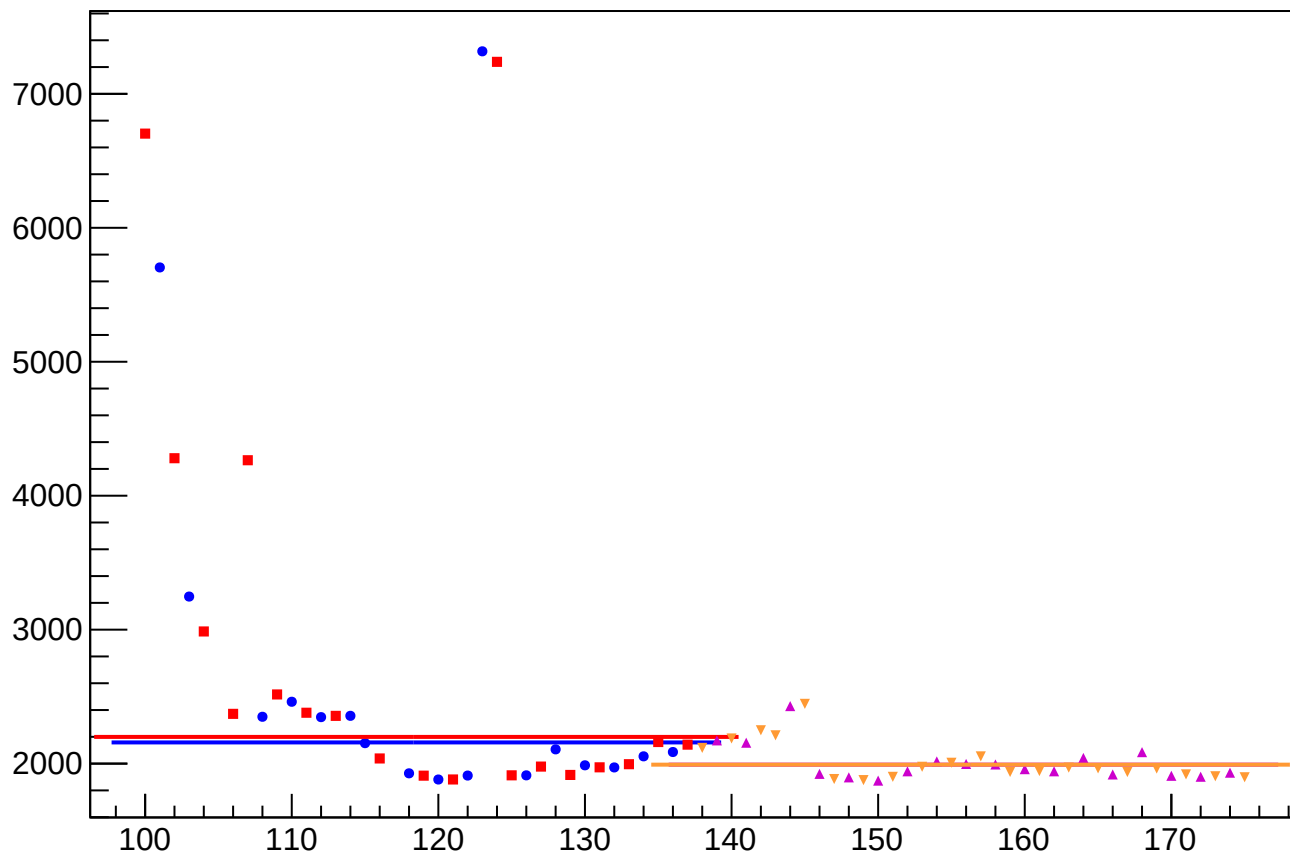
Left In: -2105.741 $\pm$ 531.348 χ^2 /NDF:24.0/17

+ sign 2127.366 $\pm$ 441.524 χ^2 /NDF: 37.5/36

All: 106.230 $\pm$ 315.512 χ^2 /NDF: 124.9/73

- sign -2002.881 $\pm$ 451.031 χ^2 /NDF: 44.6/36

asym_at1_avg_rms vs Slug



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

Left Out: 1992.139 $\pm$ 0.364 χ^2 /NDF:124008.3/19

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

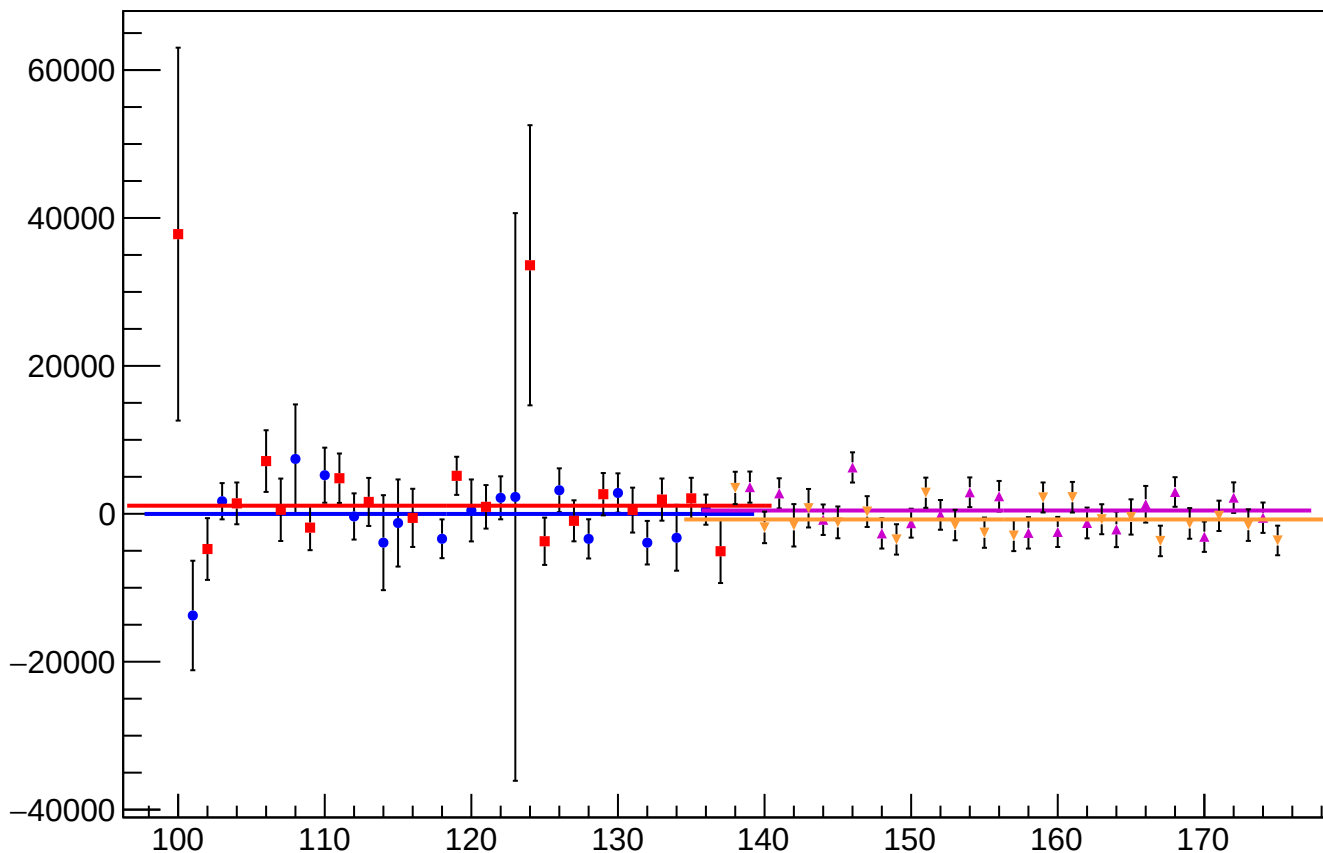
Left In: 1992.078 $\pm$ 0.376 χ^2 /NDF:105261.2/17

+ sign 2036.296 $\pm$ 0.312 χ^2 /NDF: 893073.0/36

All: 2043.003 $\pm$ 0.223 χ^2 /NDF: 1887345.6/73

- sign 2050.002 $\pm$ 0.319 χ^2 /NDF: 993329.5/36

dit_asym_at1_dd_mean vs Slug



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

Left Out: -766.225 ± 476.923 χ^2/NDF : 20.1/19

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

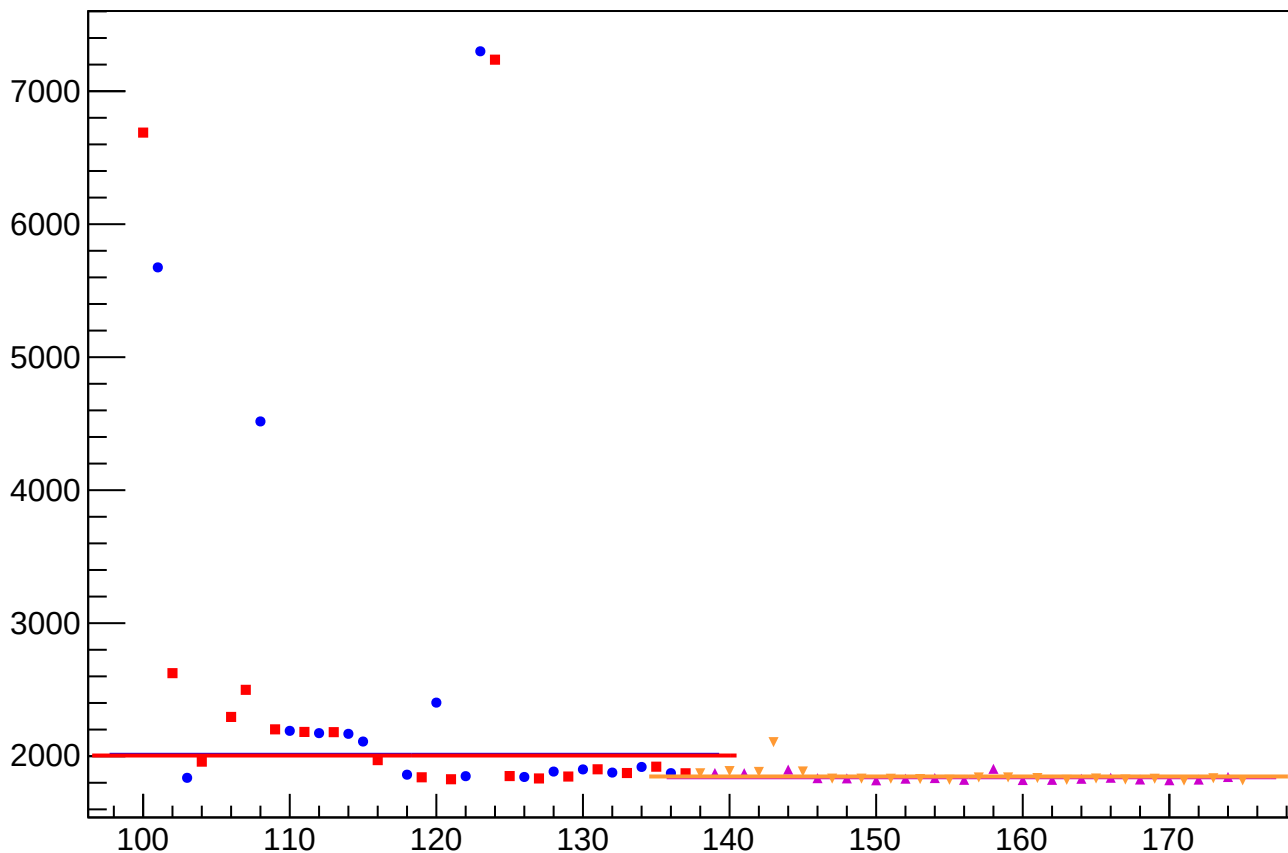
Left In: 445.804 ± 490.245 χ^2/NDF : 29.0/17

+ sign -570.612 ± 409.840 χ^2/NDF : 36.6/36

All: 25.984 ± 291.085 χ^2/NDF : 89.8/73

- sign 633.279 ± 413.498 χ^2/NDF : 48.9/36

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1847.229 $\pm$ 0.337 χ^2 /NDF: 24235.9/19

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

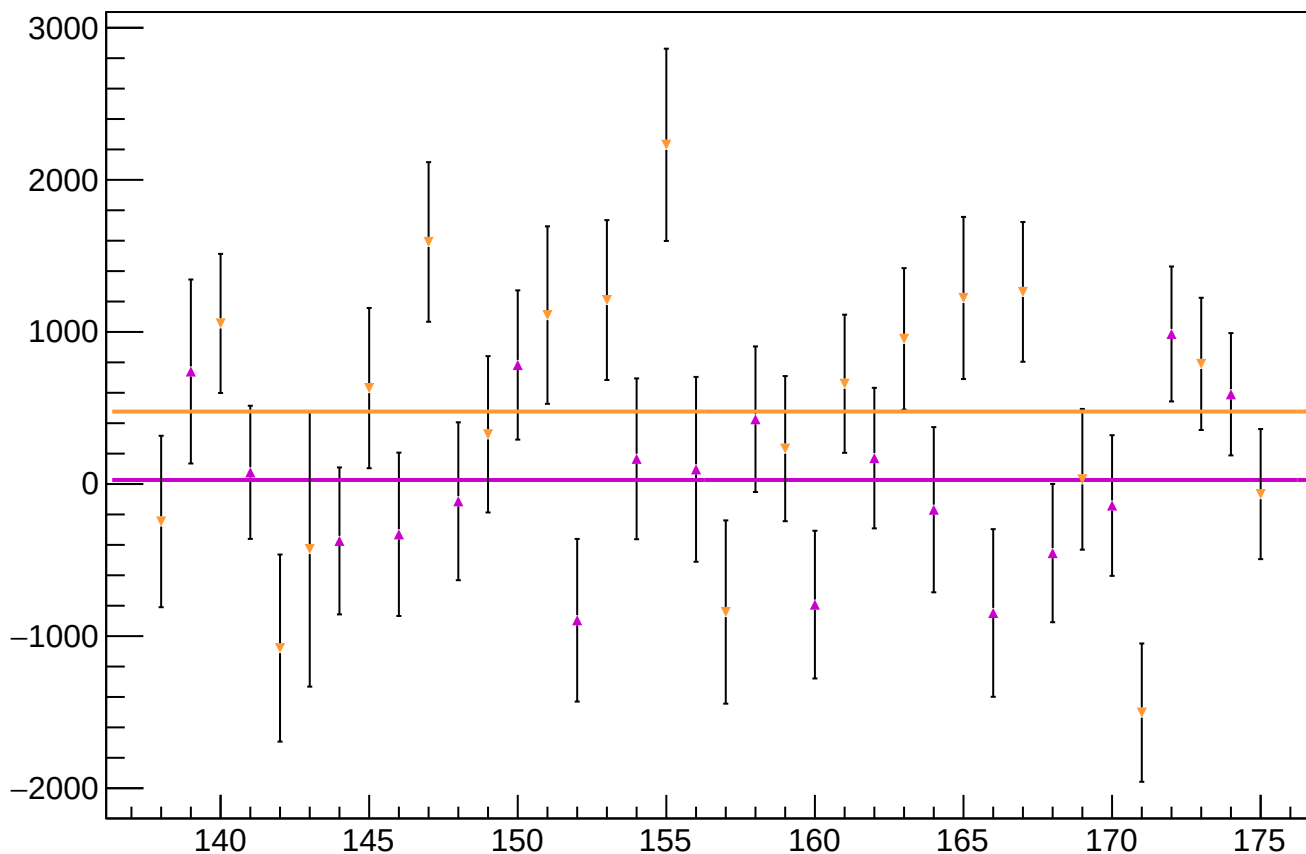
Left In: 1841.312 $\pm$ 0.347 χ^2 /NDF: 5808.6/17

+ sign 1889.870 $\pm$ 0.290 χ^2 /NDF: 925114.0/36

All: 1889.199 $\pm$ 0.206 χ^2 /NDF: 1362699.5/73

- sign 1888.517 $\pm$ 0.292 χ^2 /NDF: 437574.7/36

asym_at1_dd_correction_mean vs Slug



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

Left Out: 476.671+/-113.954 χ^2/NDF : 59.3/19

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

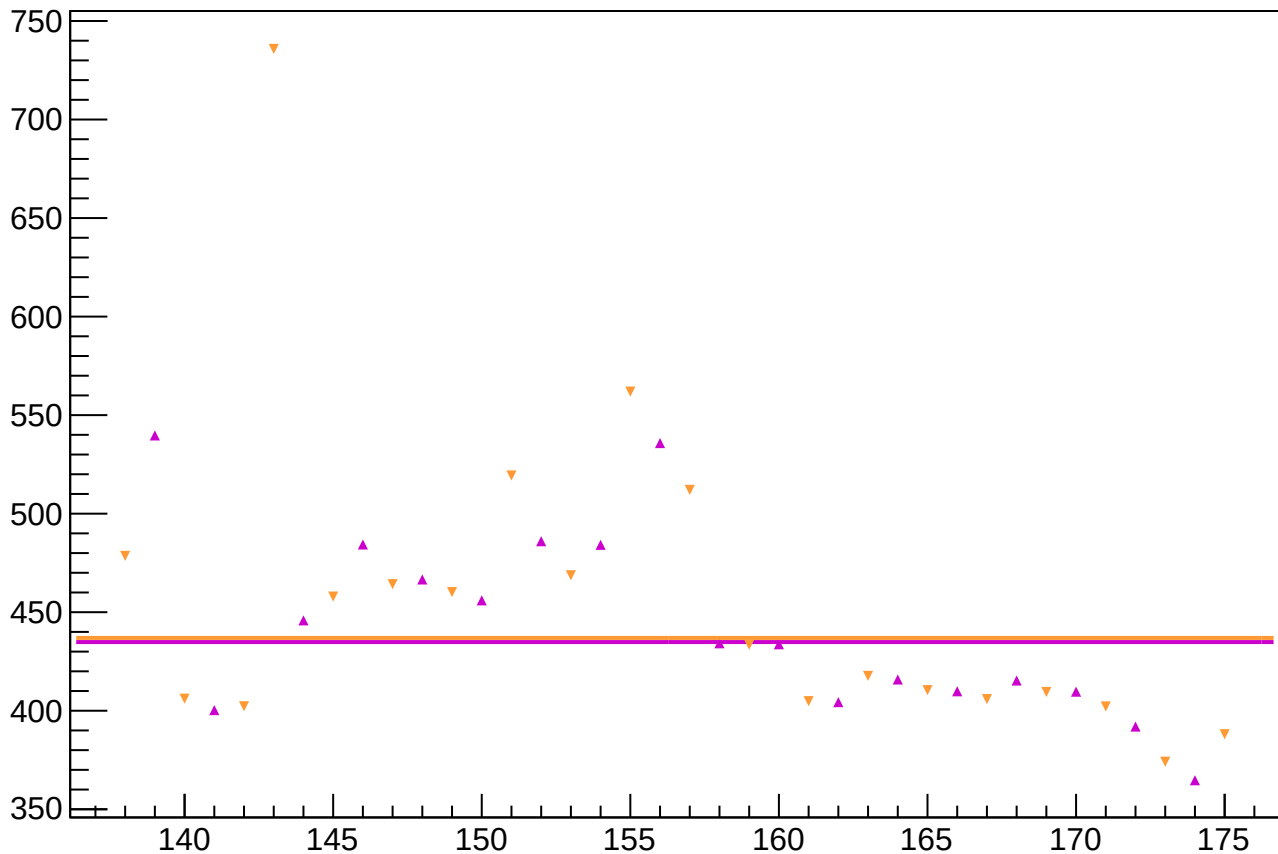
Left In: 26.719+/-116.167 χ^2/NDF : 22.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.023+/-81.349 χ^2/NDF : 89.2/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_correction_rms vs Slug



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

Left Out: 436.952+/-0.081 χ^2/NDF : 527985.5/19

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

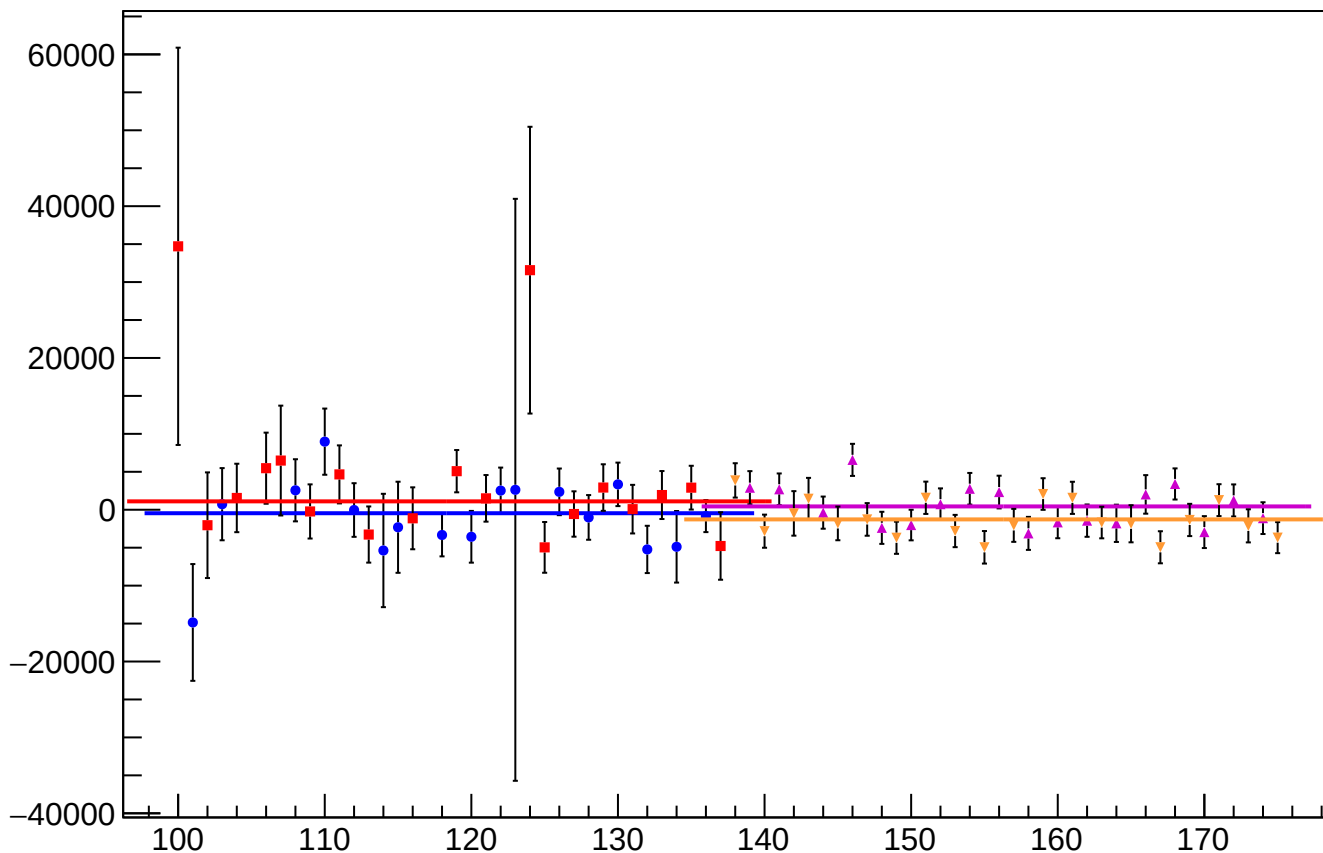
Left In: 434.844+/-0.082 χ^2/NDF : 297186.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.918+/-0.058 χ^2/NDF : 825508.0/37

- 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: -1272.506 ± 491.398 χ^2/NDF : 23.9/19

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

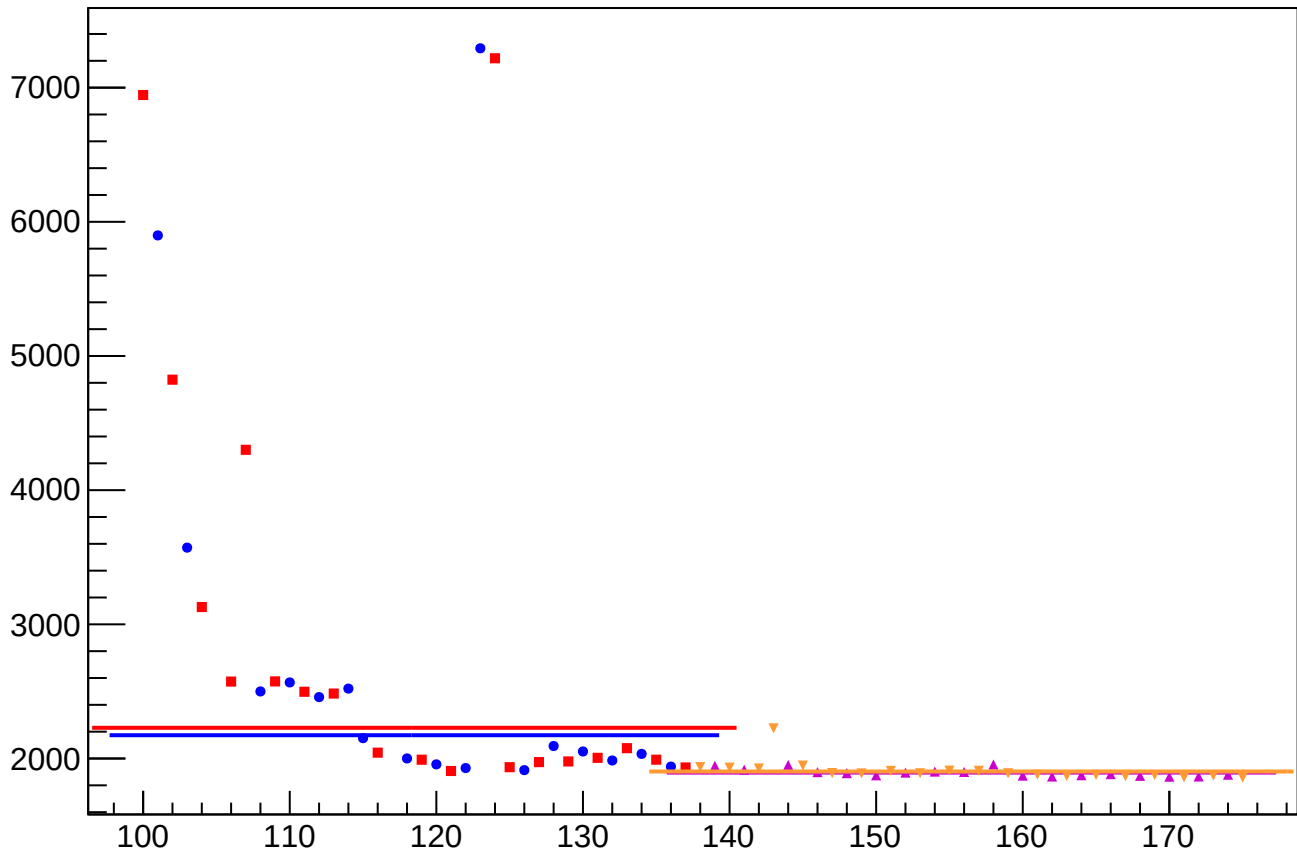
Left In: 437.584 ± 504.466 χ^2/NDF : 27.3/17

+ sign -1073.906 ± 427.284 χ^2/NDF : 42.7/36

All: -250.921 ± 305.187 χ^2/NDF : 94.9/73

- sign 606.169 ± 436.048 χ^2/NDF : 44.7/36

asym_at1_dd_rms vs Slug



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

Left Out: 1903.210+/-0.347 χ^2/NDF : 33439.4/19

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

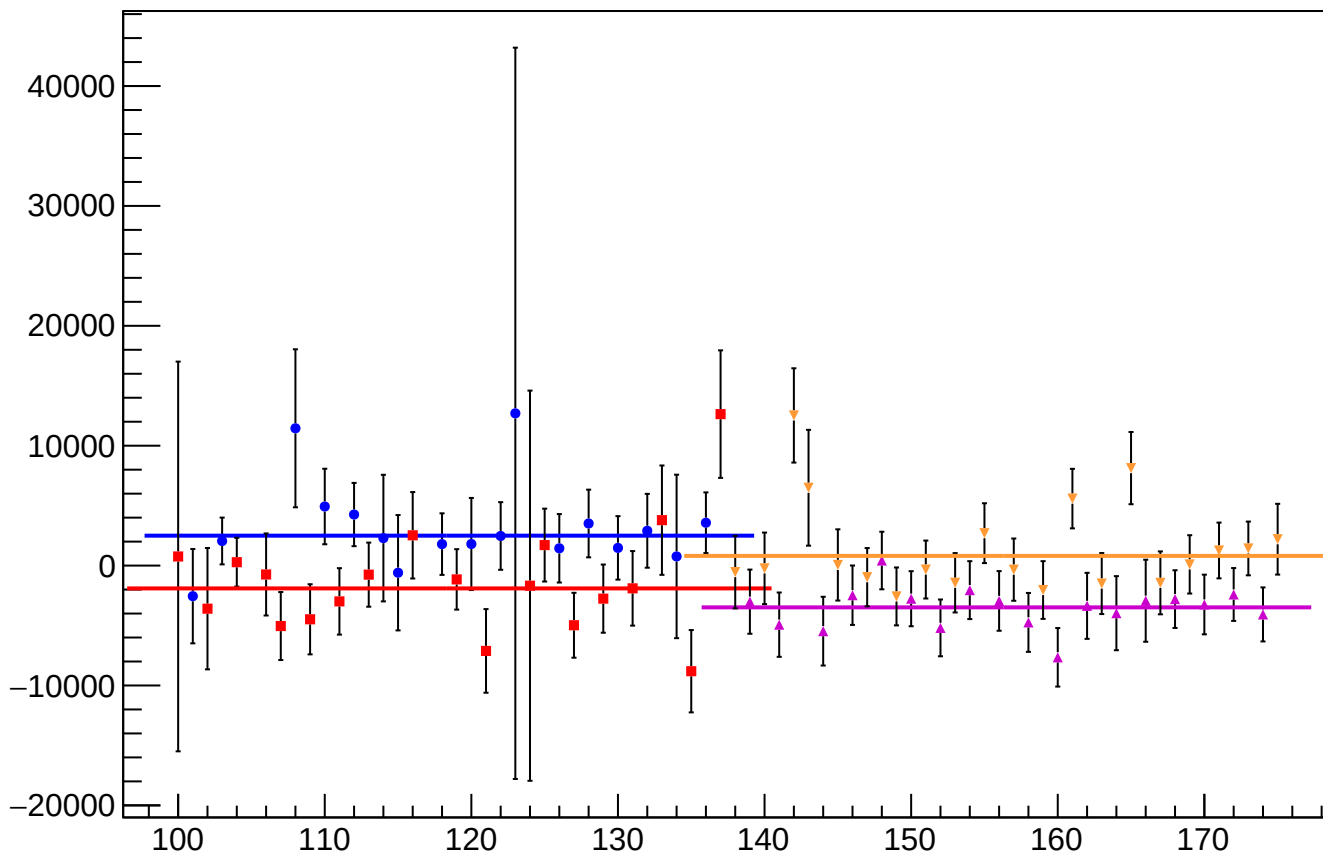
Left In: 1894.880+/-0.357 χ^2/NDF : 6493.7/17

+ sign 1969.147+/-0.302 χ^2/NDF : 986426.4/36

All: 1974.138+/-0.216 χ^2/NDF : 2111040.5/73

- sign 1979.336+/-0.308 χ^2/NDF : 1124056.9/36

dit_asym_at2_avg_mean vs Slug



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

Left Out: 808.410 ± 593.539 χ^2/NDF : 27.9/19

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

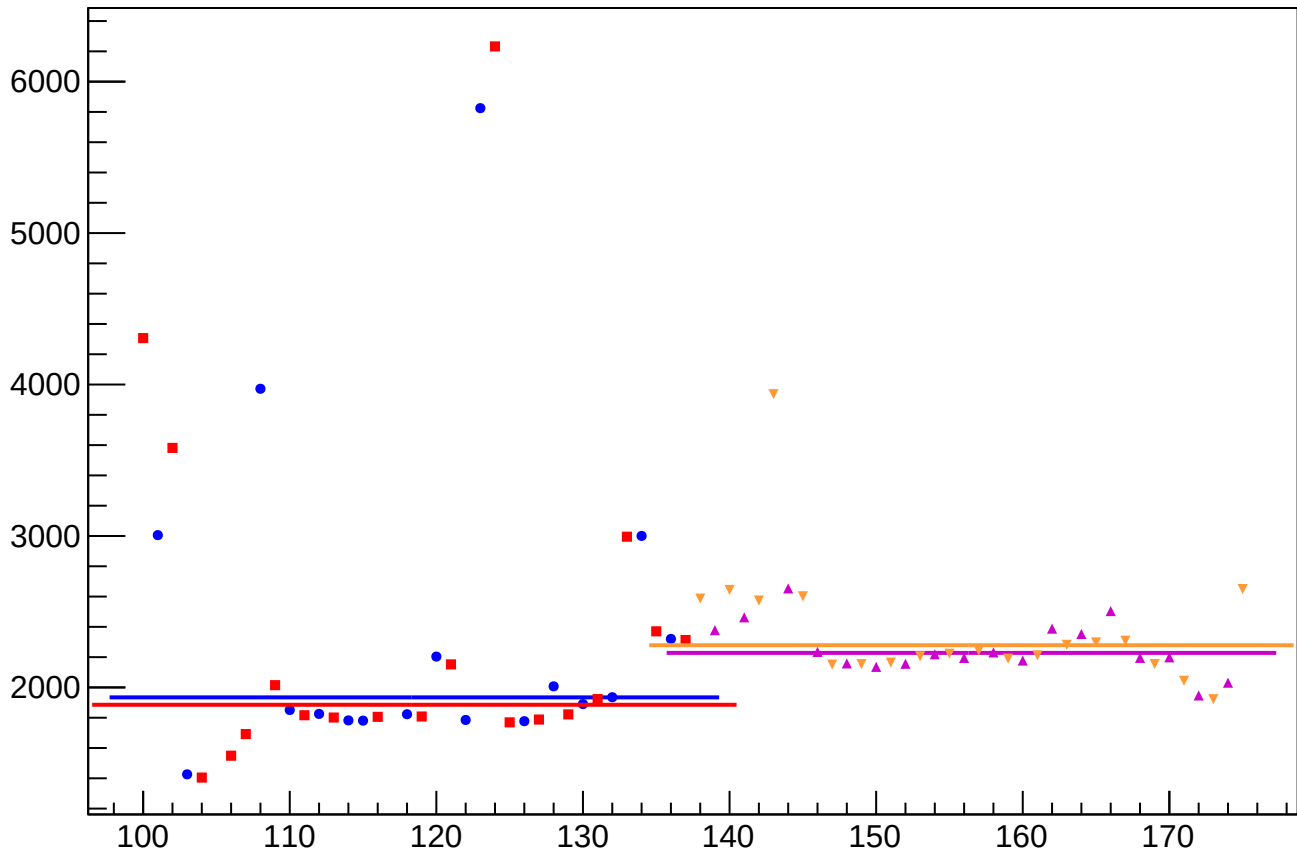
Left In: -3484.196 ± 594.479 χ^2/NDF : 8.3/17

+ sign 1439.384 ± 469.701 χ^2/NDF : 36.9/36

All: -743.130 ± 329.611 χ^2/NDF : 113.9/73

- sign -2860.708 ± 462.661 χ^2/NDF : 34.5/36

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2278.804+/-0.420 χ^2/NDF : 451737.7/19

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

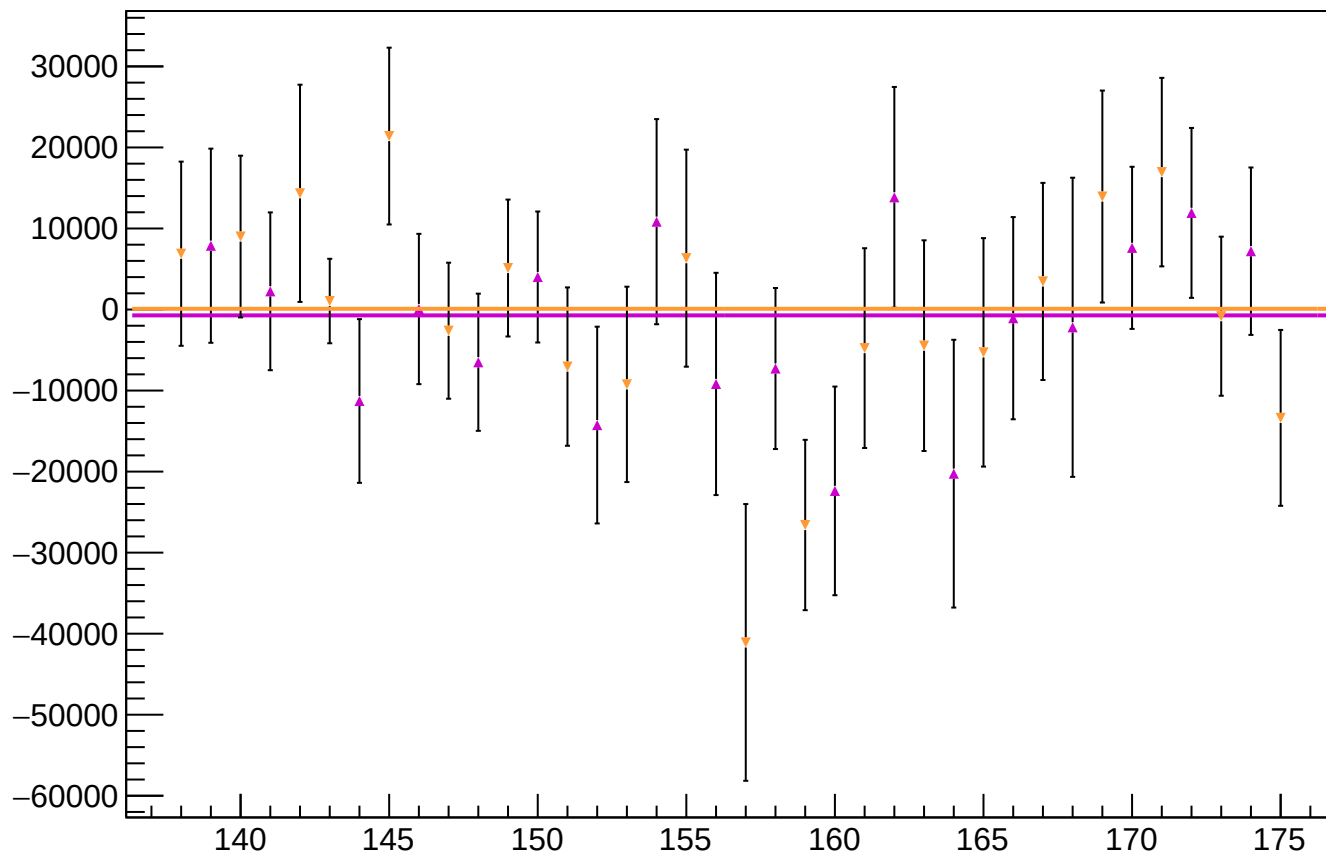
Left In: 2228.084+/-0.420 χ^2/NDF : 145151.8/17

+ sign 2150.083+/-0.332 χ^2/NDF : 1342336.1/36

All: 2121.103+/-0.233 χ^2/NDF : 2516460.2/73

- sign 2092.989+/-0.327 χ^2/NDF : 1159125.0/36

asym_at2_avg_correction_mean vs Slug



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

Left Out: 89.629+/-2302.743 χ^2/NDF :25.5/19

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

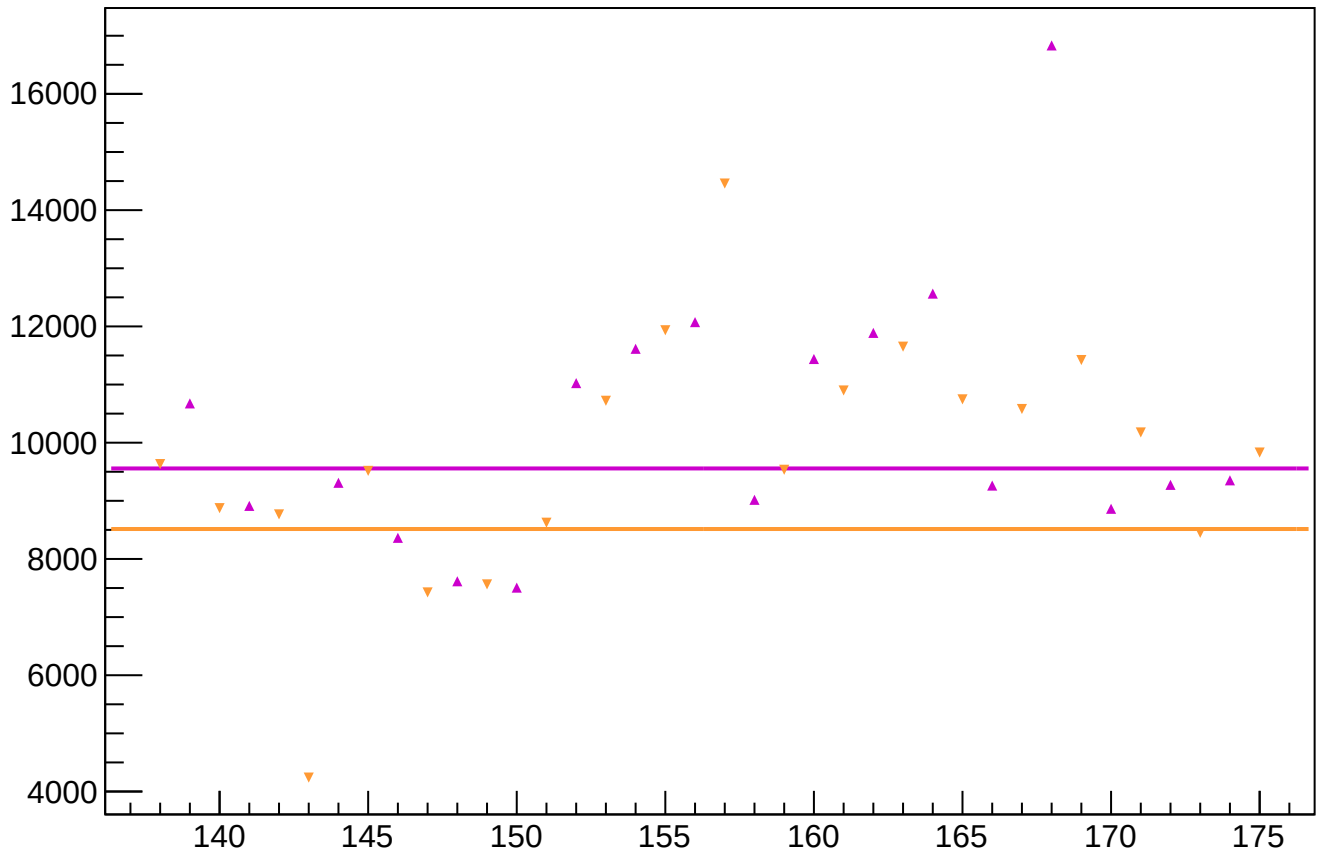
Left In: -723.374+/-2585.423 χ^2/NDF :13.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -270.014+/-1719.575 χ^2/NDF : 39.1/37

- 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: 8515.197+/-1.628 χ^2/NDF : 2370961.4/19

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

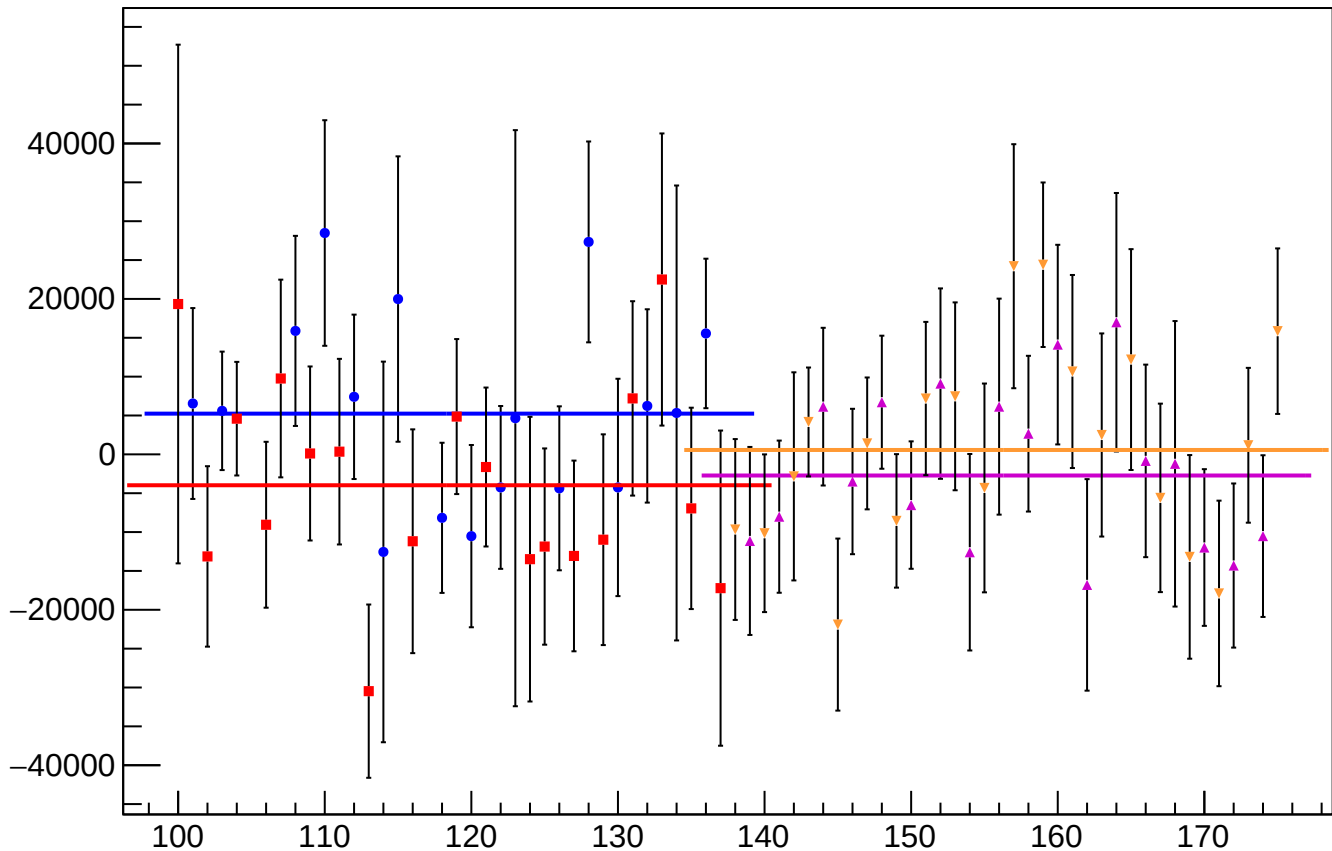
Left In: 9556.834+/-1.828 χ^2/NDF : 941160.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8975.979+/-1.216 χ^2/NDF : 3493152.5/37

- 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: 563.466+/-2424.309 χ^2/NDF : 22.9/19

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

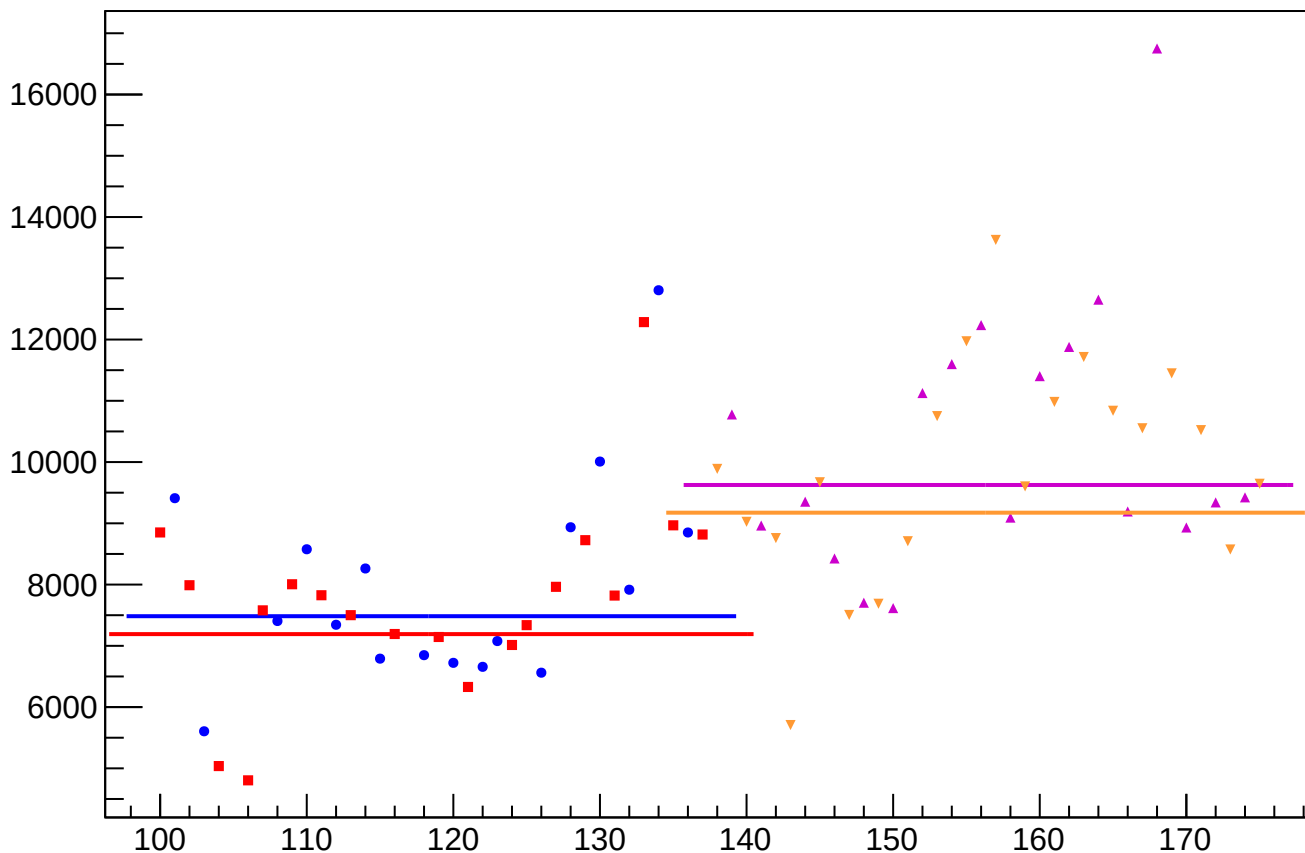
Left In: -2721.781+/-2602.903 χ^2/NDF : 12.0/17

+ sign 2450.975+/-1872.003 χ^2/NDF : 38.9/36

All: -379.368+/-1334.659 χ^2/NDF : 71.3/73

- sign -3305.364+/-1903.373 χ^2/NDF : 27.8/36

asym_at2_avg_rms vs Slug



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

Left Out: 9173.799 $\pm$ 1.714 χ^2 /NDF:1198621.4/19

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

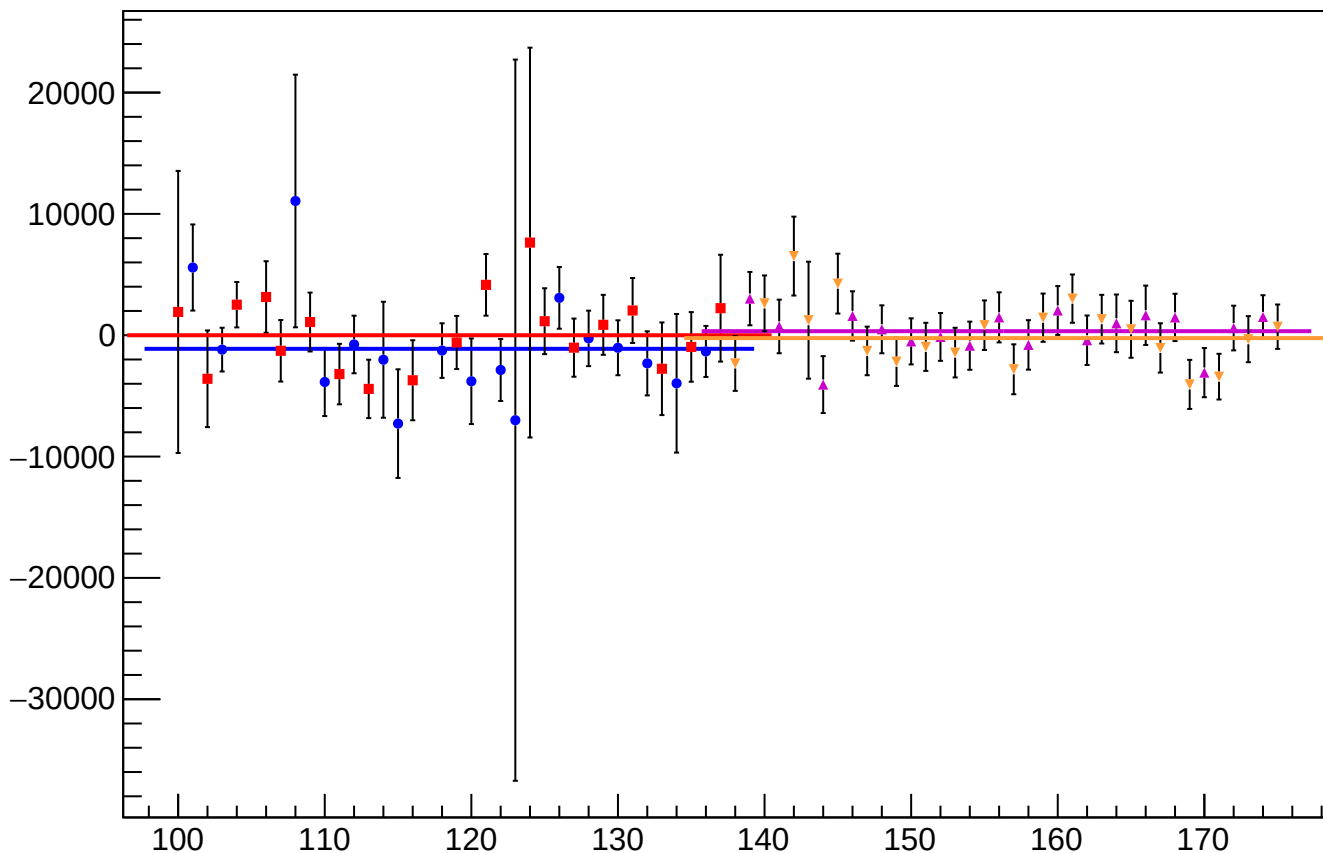
Left In: 9625.852 $\pm$ 1.841 χ^2 /NDF:911980.8/17

+ sign 8491.456 $\pm$ 1.324 χ^2 /NDF: 2022843.8/36

All: 8492.232 $\pm$ 0.944 χ^2 /NDF: 4307656.1/73

- sign 8493.034 $\pm$ 1.346 χ^2 /NDF: 2284811.6/36

dit_asym_at2_dd_mean vs Slug



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

Left Out: -236.831 $\pm$ 474.770 χ^2 /NDF: 24.6/19

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

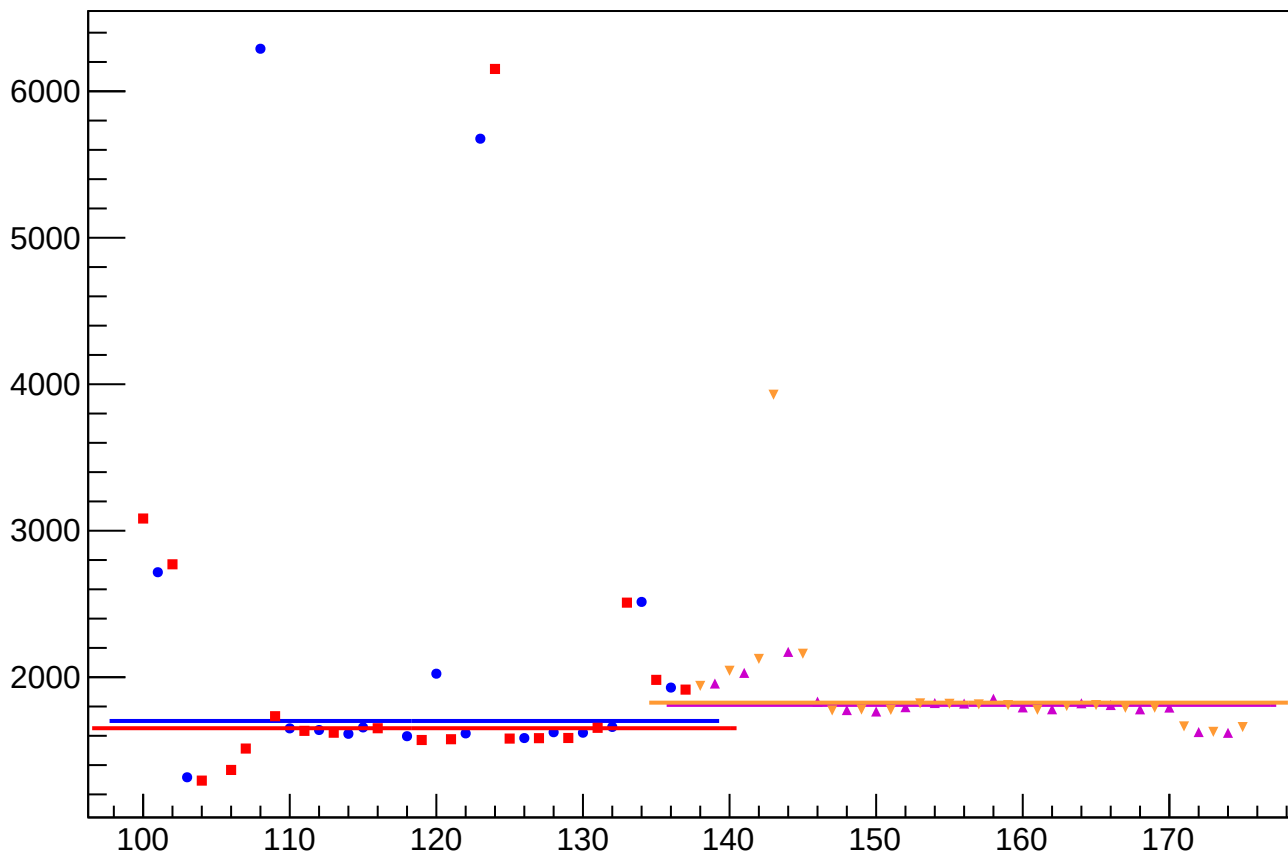
Left In: 333.480 $\pm$ 482.195 χ^2 /NDF: 11.5/17

+ sign -526.904 $\pm$ 389.120 χ^2 /NDF: 38.0/36

All: -153.702 $\pm$ 273.699 χ^2 /NDF: 66.9/73

- sign 211.736 $\pm$ 385.051 χ^2 /NDF: 27.2/36

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1826.295 ± 0.336 χ^2/NDF : 517205.8/19

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

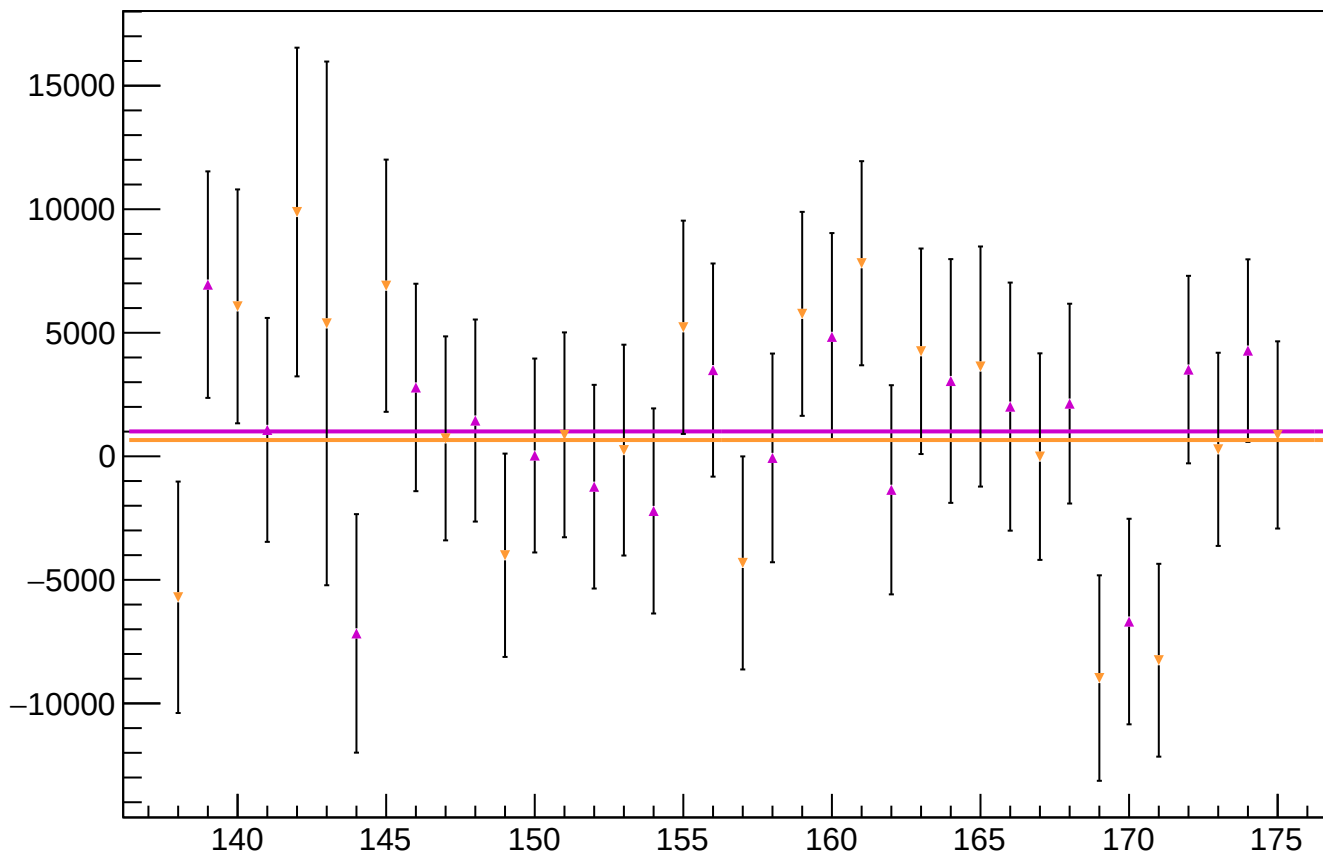
Left In: 1811.038 ± 0.341 χ^2/NDF : 123362.7/17

+ sign 1785.258 ± 0.275 χ^2/NDF : 1341443.4/36

All: 1769.119 ± 0.194 χ^2/NDF : 2139553.6/73

- sign 1753.316 ± 0.272 χ^2/NDF : 791300.9/36

asym_at2_dd_correction_mean vs Slug



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

Left Out: 658.474+/-984.498 χ^2/NDF : 26.8/19

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

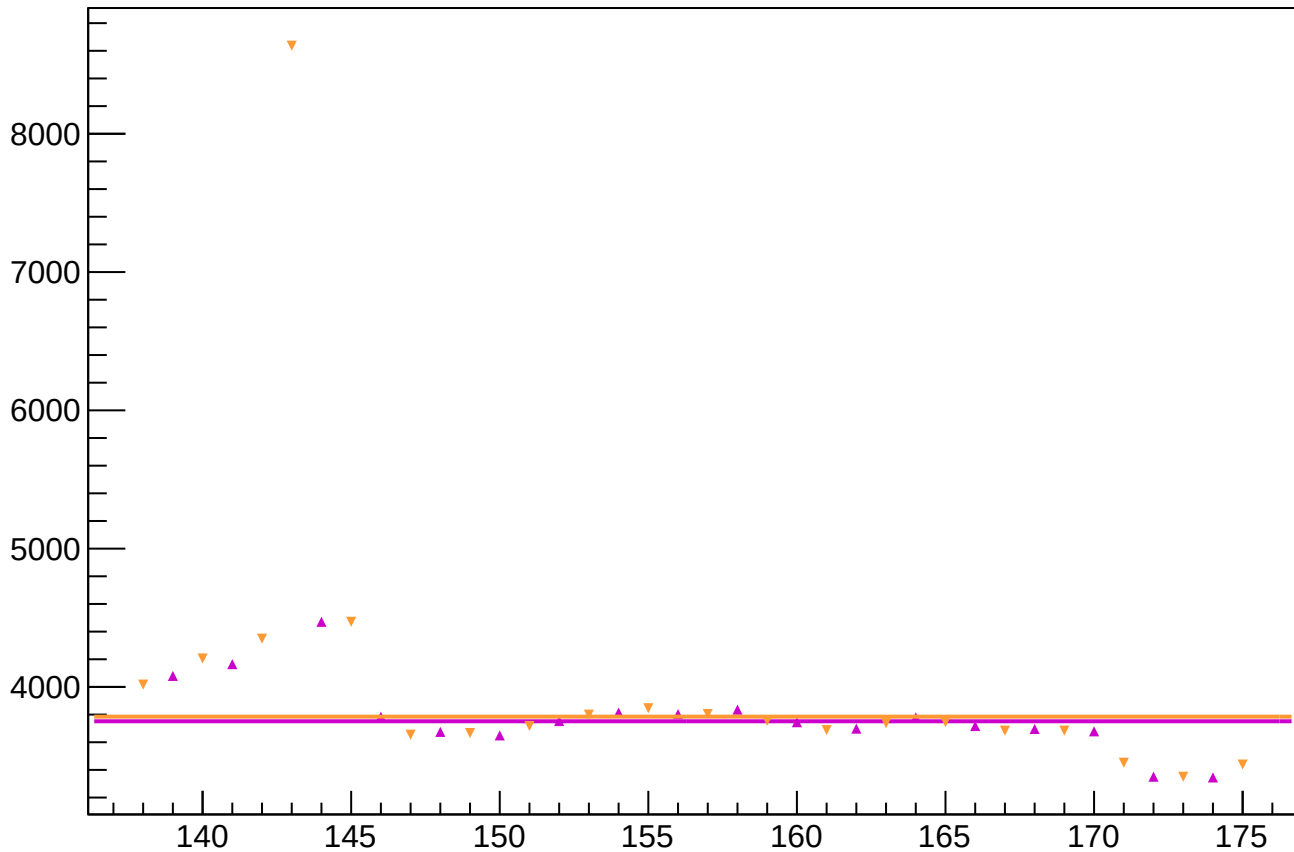
Left In: 1007.708+/-998.818 χ^2/NDF : 12.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.570+/-701.153 χ^2/NDF : 39.0/37

- 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: 3785.109+/-0.696 χ^2/NDF :555009.6/19

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

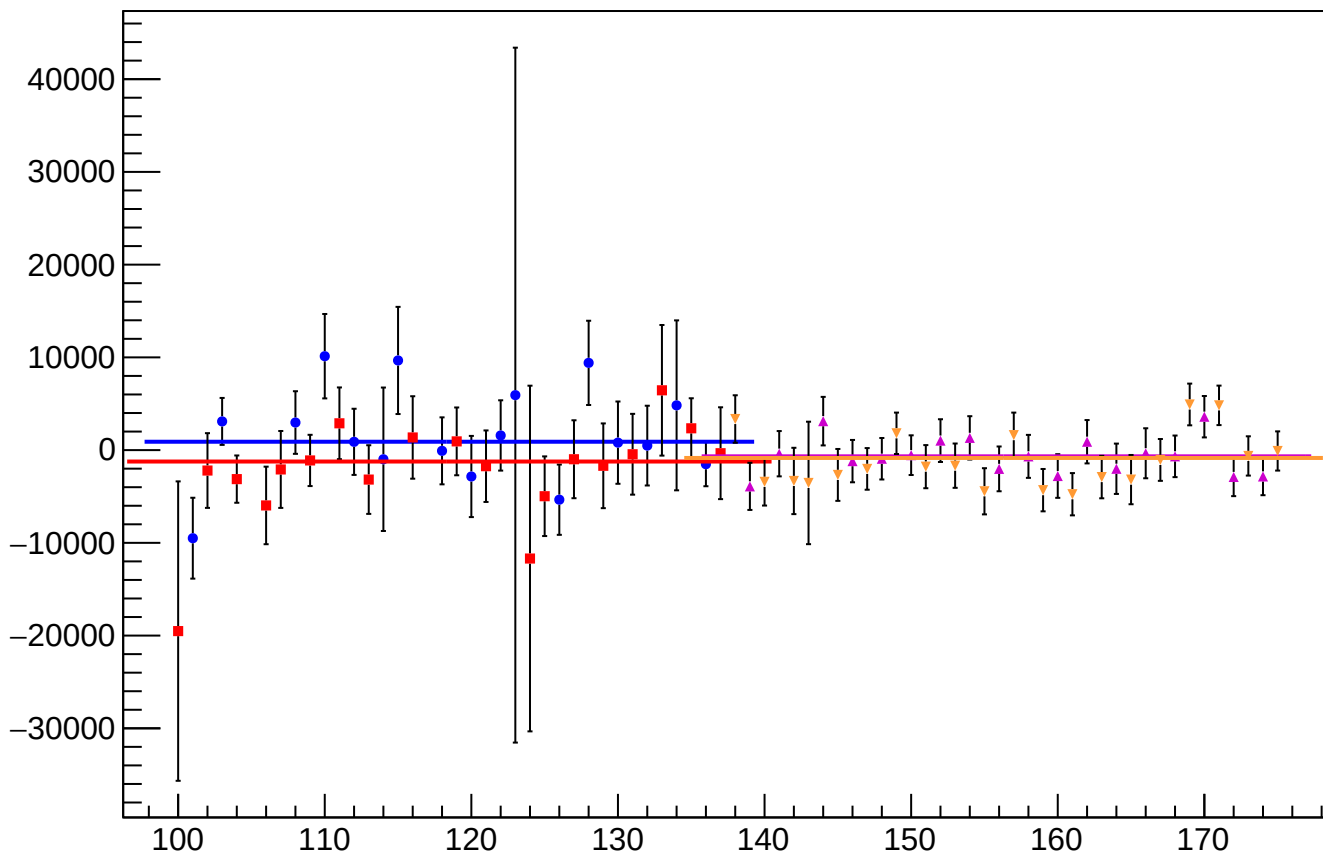
Left In: 3751.508+/-0.706 χ^2/NDF :122965.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3768.551+/-0.496 χ^2/NDF : 679123.0/37

- 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: -846.269+/-542.100 χ^2/NDF : 30.5/19

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

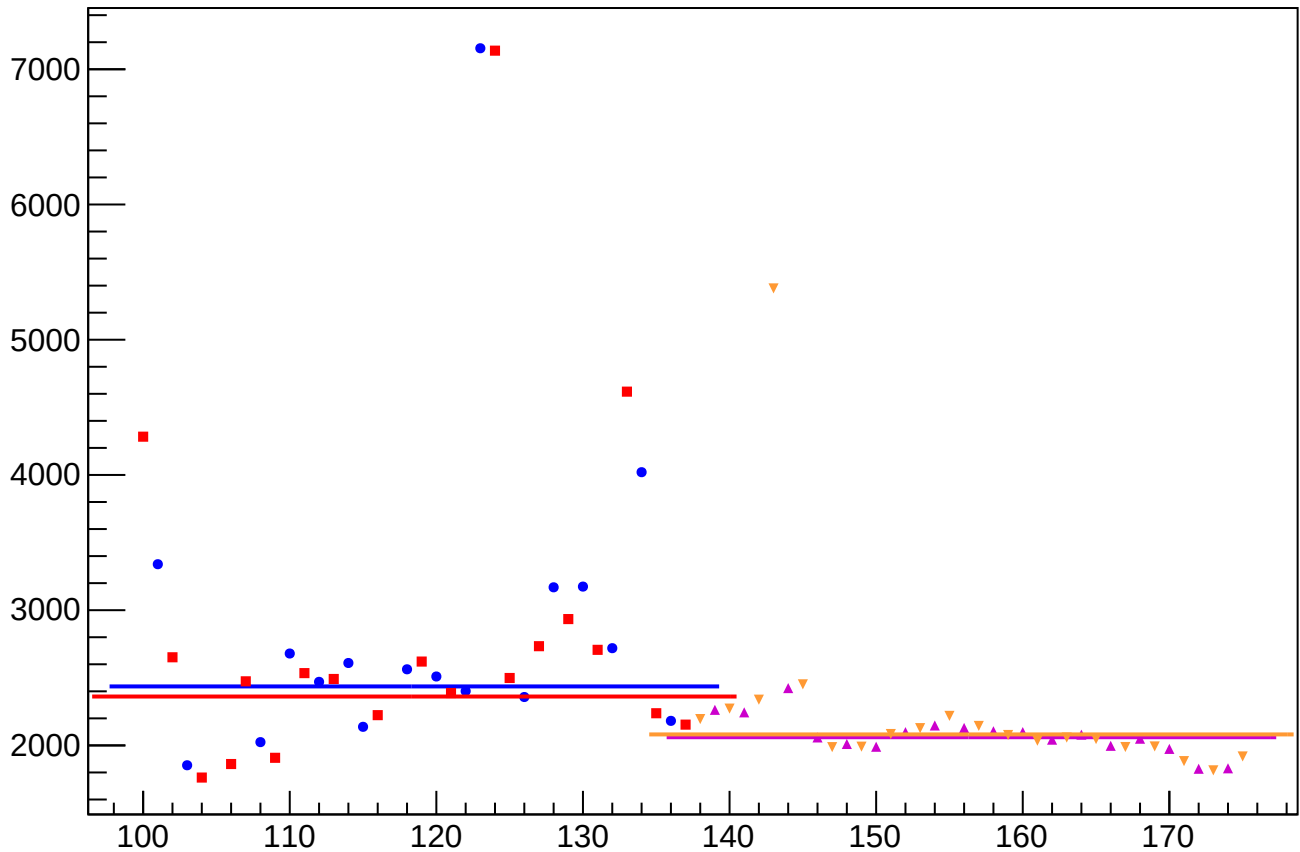
Left In: -669.484+/-548.648 χ^2/NDF : 12.9/17

+ sign -424.550+/-472.266 χ^2/NDF : 54.6/36

All: -620.239+/-333.809 χ^2/NDF : 77.1/73

- sign -815.615+/-471.890 χ^2/NDF : 22.1/36

asym_at2_dd_rms vs Slug



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

Left Out: 2081.313+/-0.383 χ^2/NDF : 642797.1/19

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

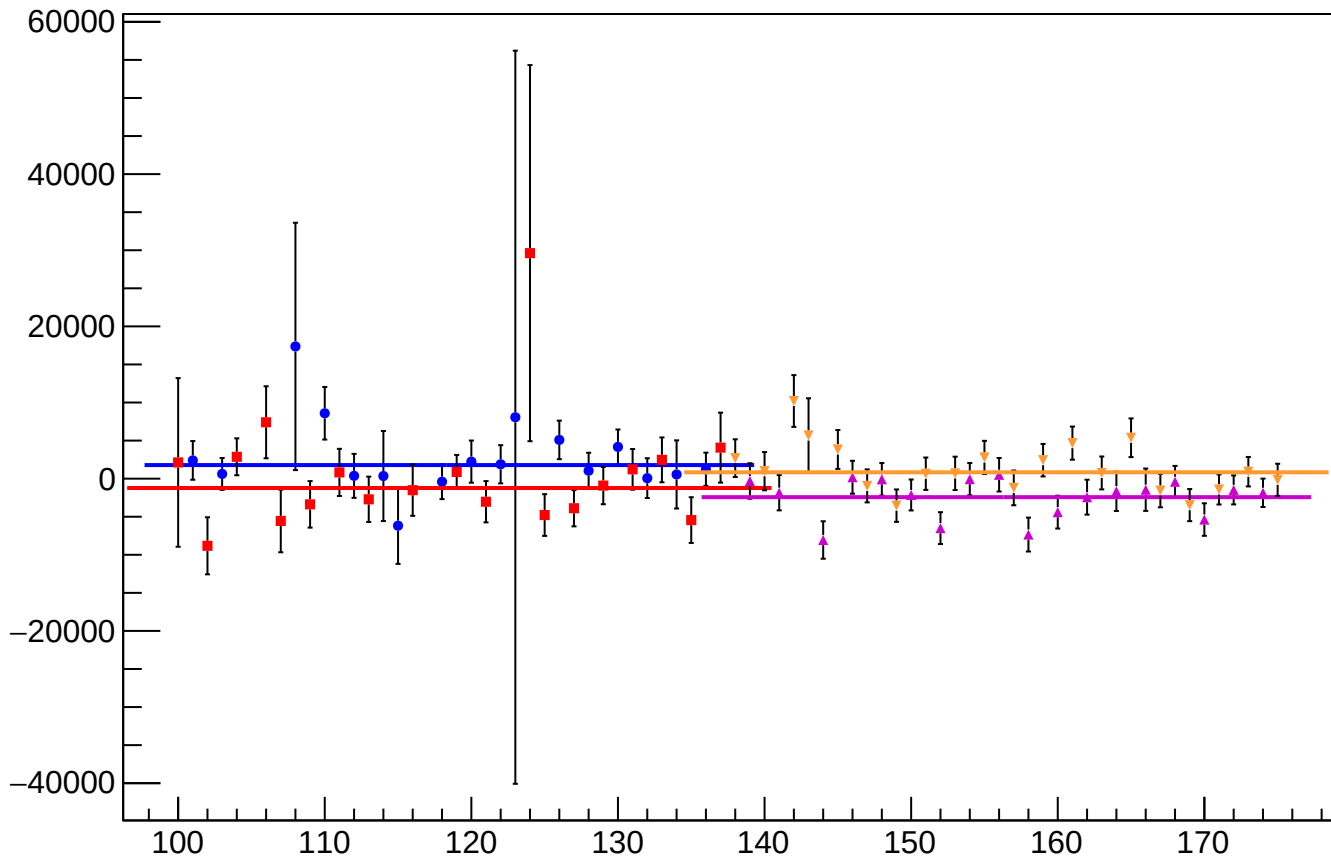
Left In: 2060.589+/-0.388 χ^2/NDF : 127493.0/17

+ sign 2166.871+/-0.334 χ^2/NDF : 1318025.3/36

All: 2152.881+/-0.236 χ^2/NDF : 2261495.6/73

- sign 2138.913+/-0.334 χ^2/NDF : 939963.0/36

dit_asym_atl_avg_mean vs Slug



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

Left Out: 833.902 $\pm$ 509.903 χ^2 /NDF:30.8/19

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

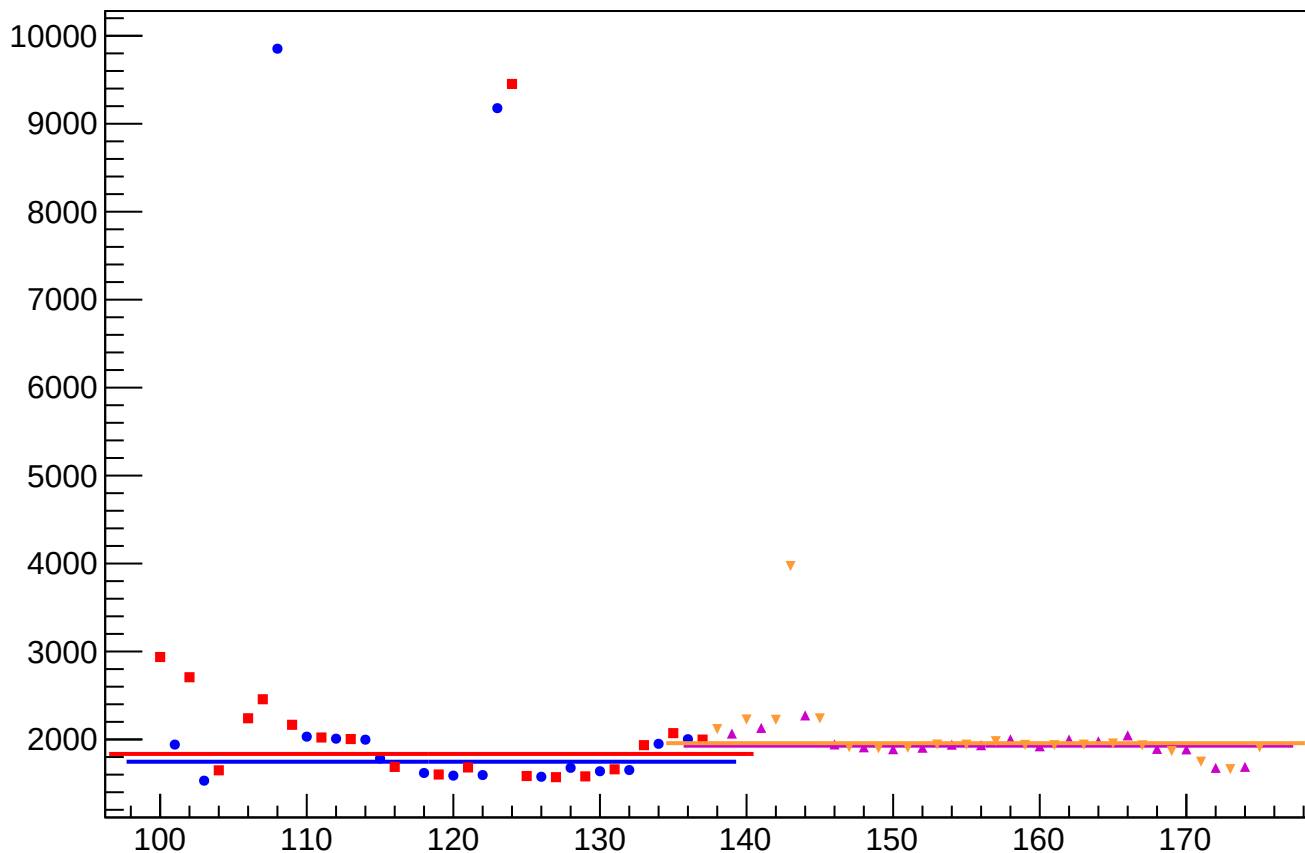
Left In: -2430.178 $\pm$ 515.096 χ^2 /NDF:24.7/17

+ sign 1166.560 $\pm$ 410.998 χ^2 /NDF: 44.4/36

All: -402.689 $\pm$ 292.564 χ^2 /NDF: 124.8/73

- sign -2014.650 $\pm$ 416.554 χ^2 /NDF: 50.9/36

dit_asym_atl_avg_rms vs Slug



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

Left Out: 1957.761+/-0.361 χ^2/NDF : 485785.7/19

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

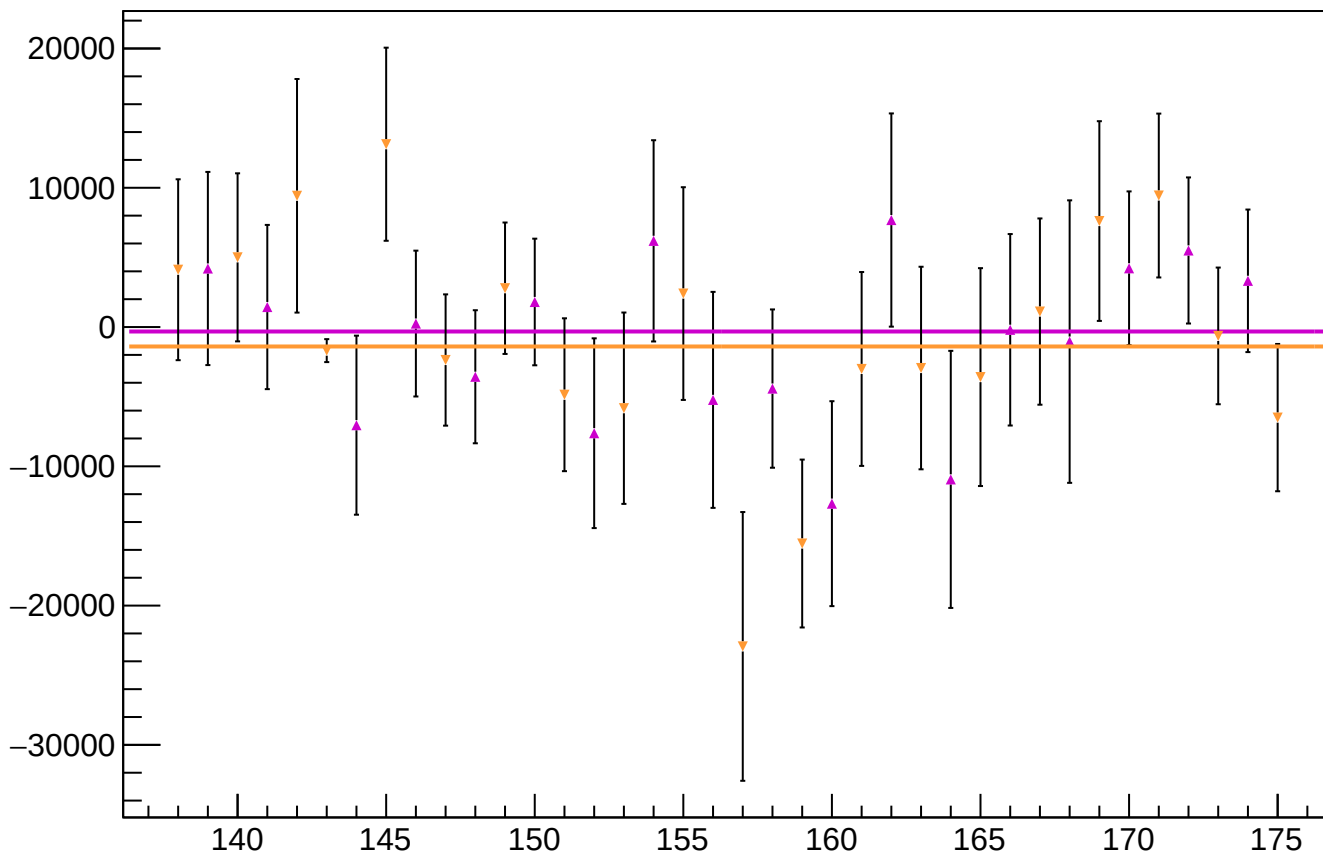
Left In: 1929.368+/-0.364 χ^2/NDF : 140661.6/17

+ sign 1883.871+/-0.291 χ^2/NDF : 1288155.7/36

All: 1890.255+/-0.207 χ^2/NDF : 2003258.5/73

- sign 1896.807+/-0.294 χ^2/NDF : 714125.1/36

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1395.536+/-714.003 χ^2/NDF :26.7/19

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

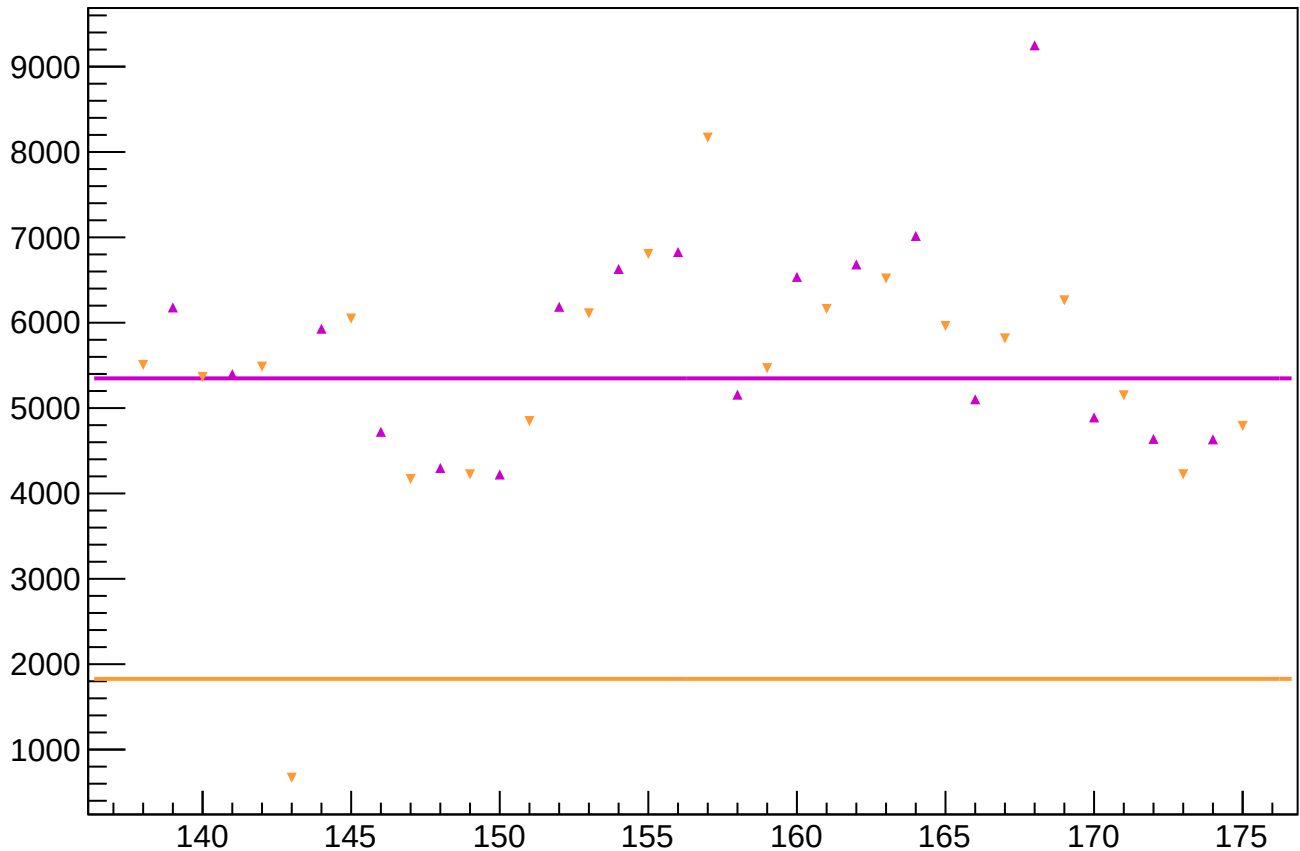
Left In: -319.621+/-1449.003 χ^2/NDF :12.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1185.334+/-640.469 χ^2/NDF : 39.9/37

- 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: 1827.937+/-0.505 χ^2/NDF :16618483.1/19

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

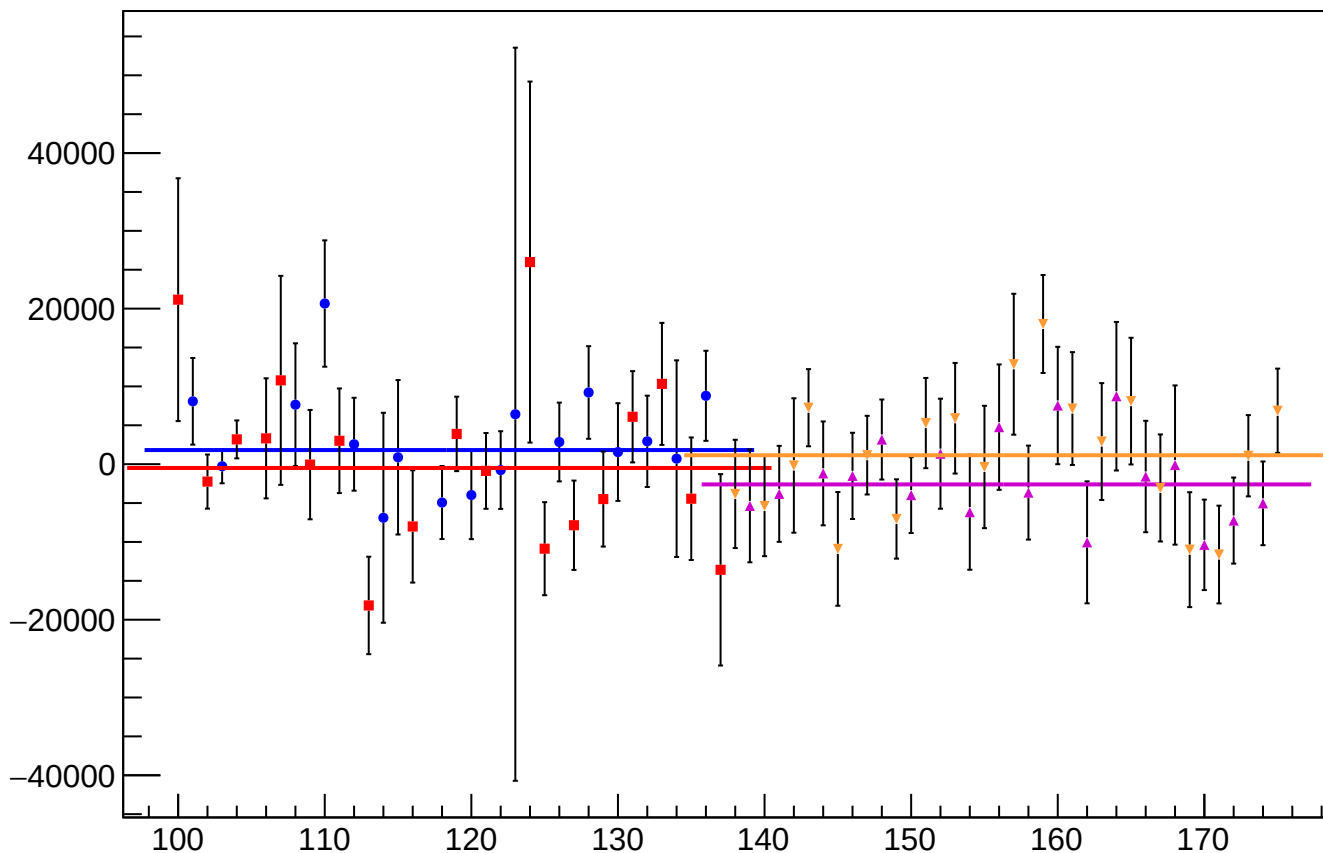
Left In: 5348.053+/-1.025 χ^2/NDF :1027577.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2515.662+/-0.453 χ^2/NDF : 27143394.1/3

- 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: 1149.585+/-1435.650 χ^2/NDF : 28.0/19

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

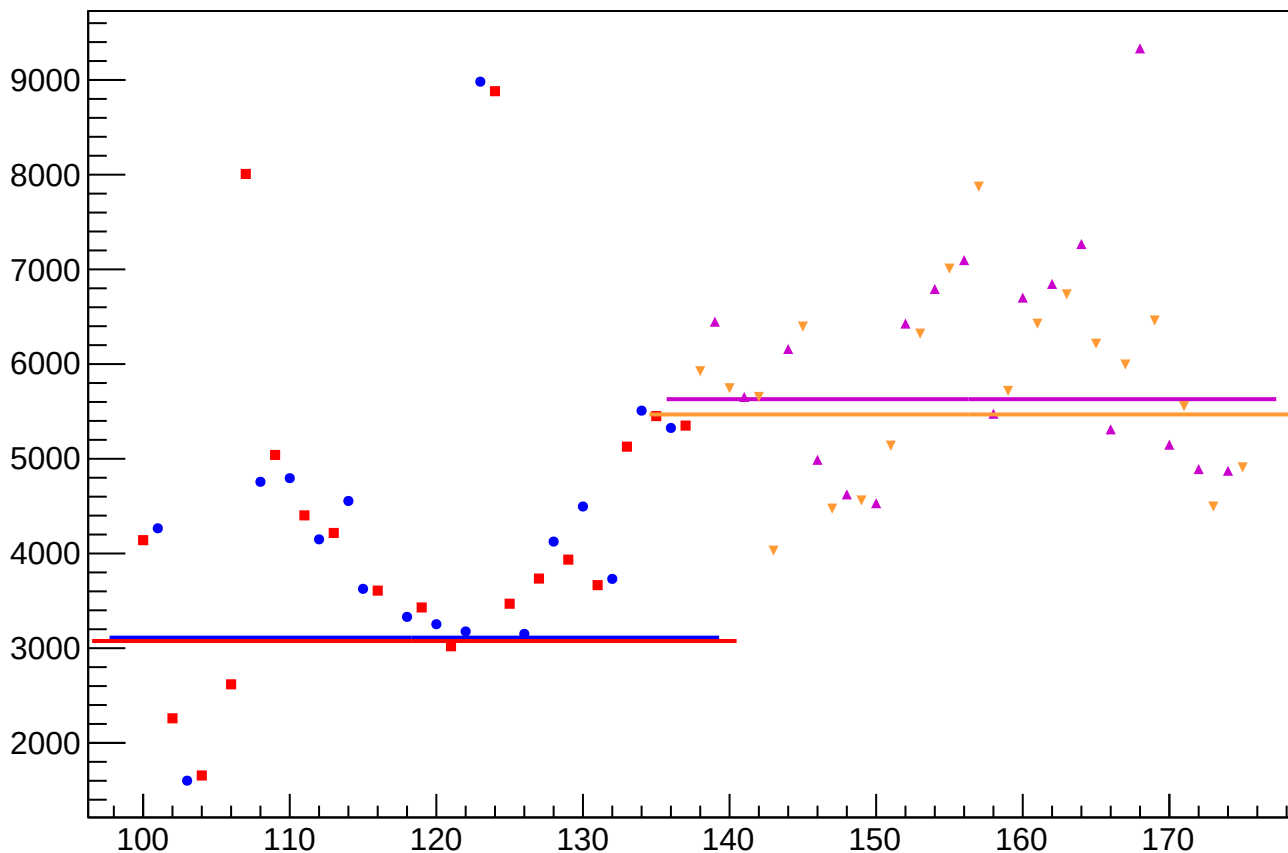
Left In: -2601.646+/-1522.057 χ^2/NDF : 9.9/17

+ sign 1514.472+/-964.170 χ^2/NDF : 43.1/36

All: 99.833+/-688.109 χ^2/NDF : 85.0/73

- sign -1368.657+/-982.350 χ^2/NDF : 37.5/36

asym_atl_avg_rms vs Slug



Right In: 3111.560 ± 0.920 $\chi^2/\text{NDF}: 1878991.5/16$

Left Out: 5468.118 ± 1.015 $\chi^2/\text{NDF}: 857770.8/19$

Right Out: 3075.800 ± 0.896 $\chi^2/\text{NDF}: 2009557.4/18$

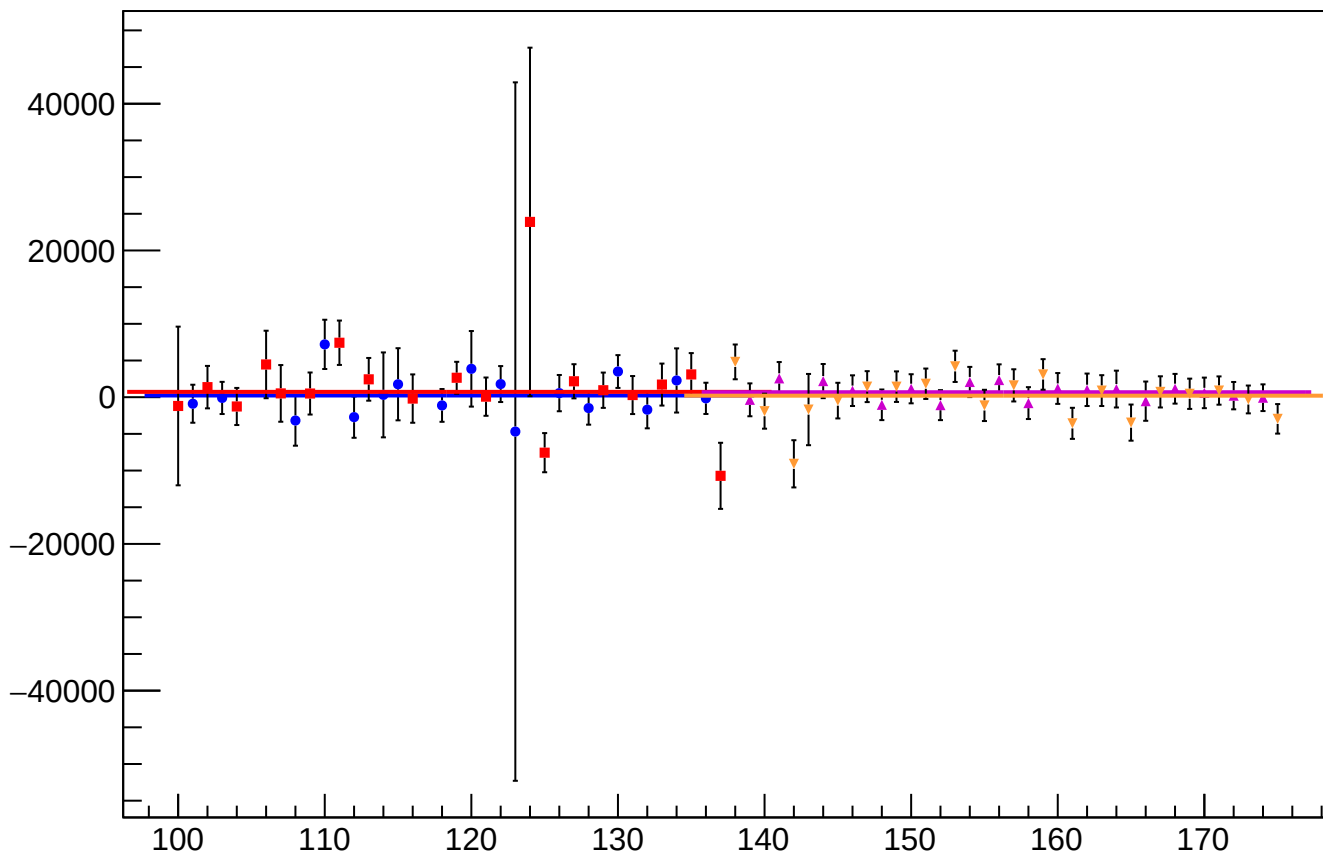
Left In: 5629.596 ± 1.076 $\chi^2/\text{NDF}: 887041.3/17$

+ sign 4174.444 ± 0.682 $\chi^2/\text{NDF}: 5695018.3/36$

All: 4148.260 ± 0.485 $\chi^2/\text{NDF}: 11919447.7/71$

- sign 4121.540 ± 0.689 $\chi^2/\text{NDF}: 6221449.2/36$

dit_asym_atl_dd_mean vs Slug



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

Left Out: 205.031+/-494.279 χ^2/NDF : 28.9/19

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

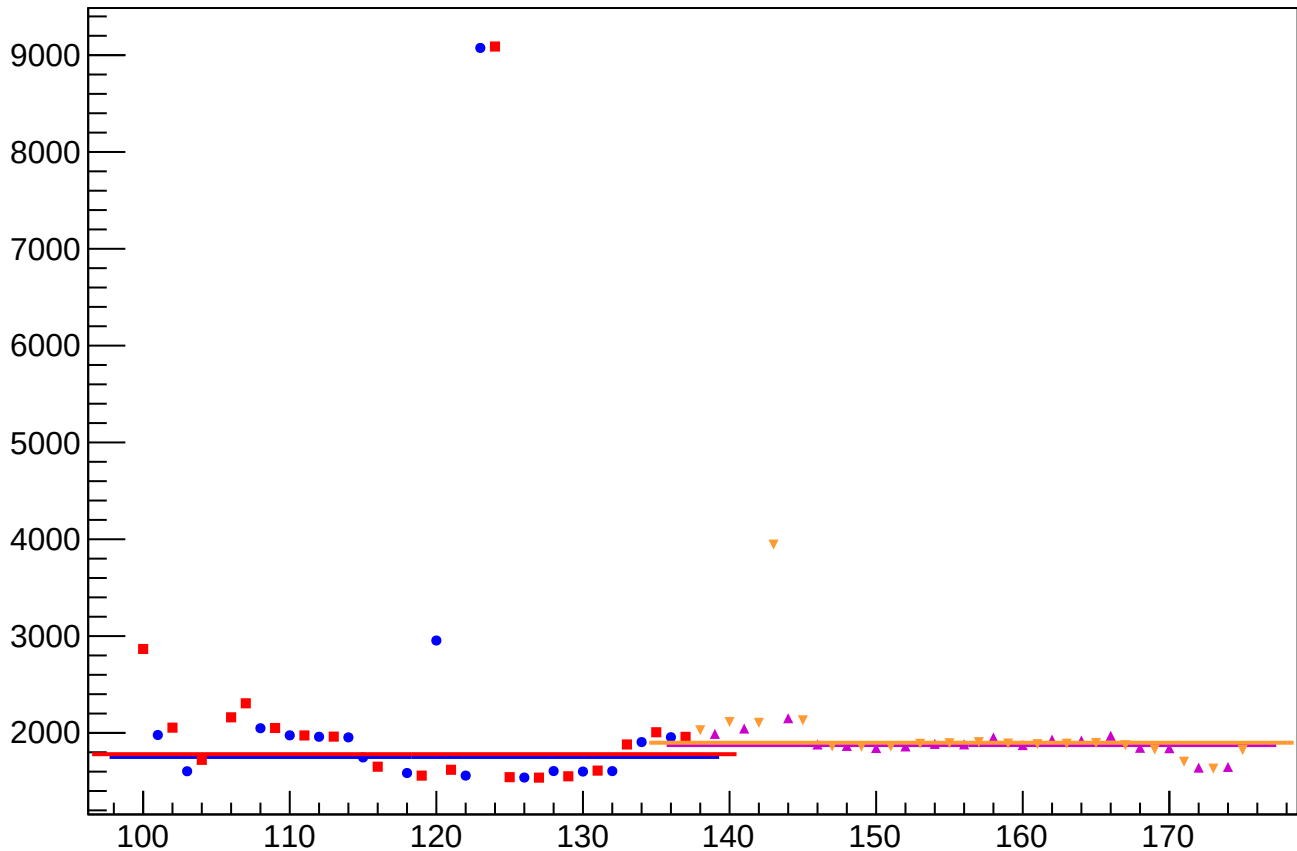
Left In: 677.757+/-500.209 χ^2/NDF : 5.0/17

+ sign 214.344+/-401.182 χ^2/NDF : 40.5/36

All: 452.921+/-284.599 χ^2/NDF : 72.0/73

- sign 694.621+/-403.798 χ^2/NDF : 30.8/36

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1898.711+/-0.350 χ^2/NDF : 471716.2/19

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

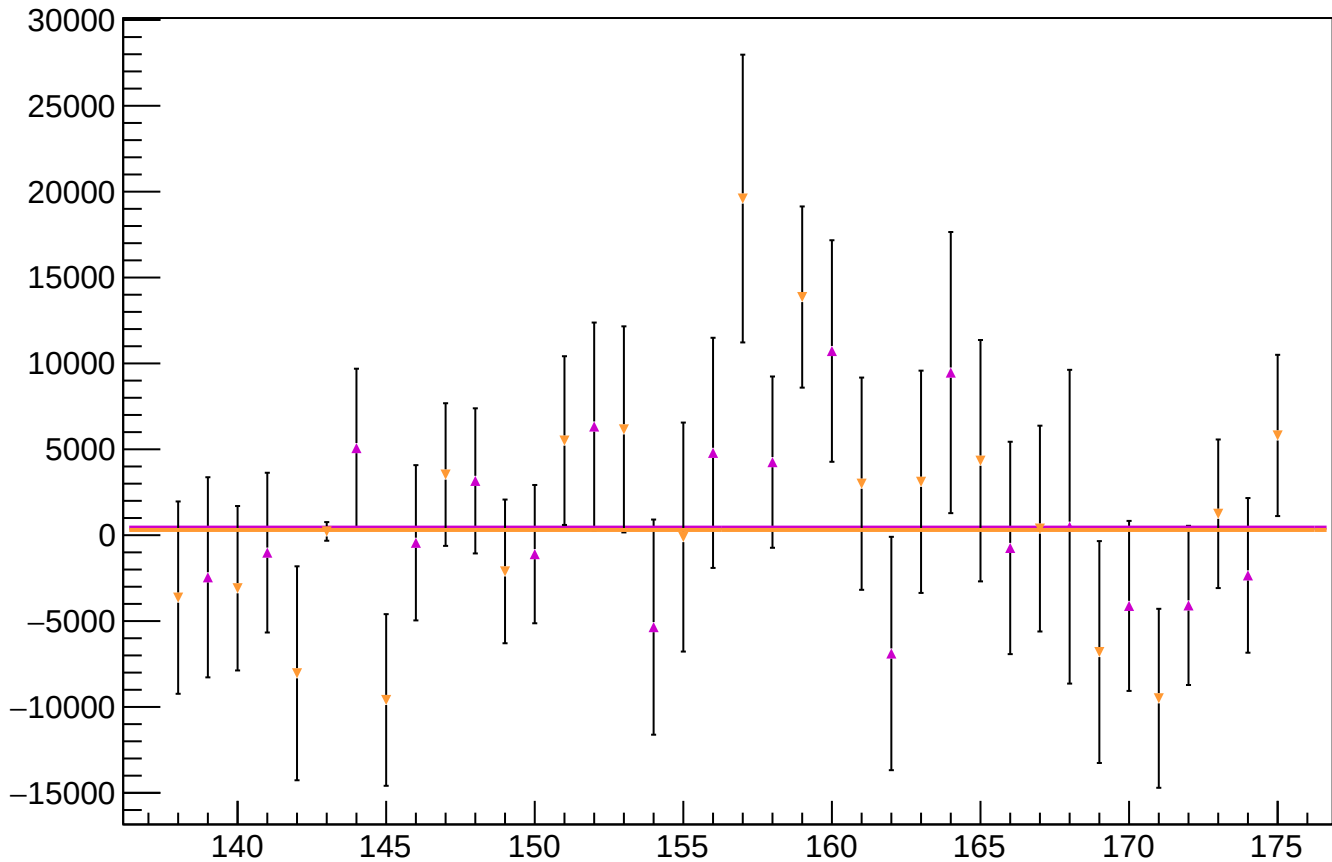
Left In: 1874.719+/-0.354 χ^2/NDF : 116249.3/17

+ sign 1848.599+/-0.284 χ^2/NDF : 832861.9/36

All: 1845.185+/-0.201 χ^2/NDF : 1402651.5/73

- sign 1841.730+/-0.285 χ^2/NDF : 569498.2/36

asym_atl_dd_correction_mean vs Slug



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

Left Out: 304.498+/-496.976 χ^2/NDF :28.5/19

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

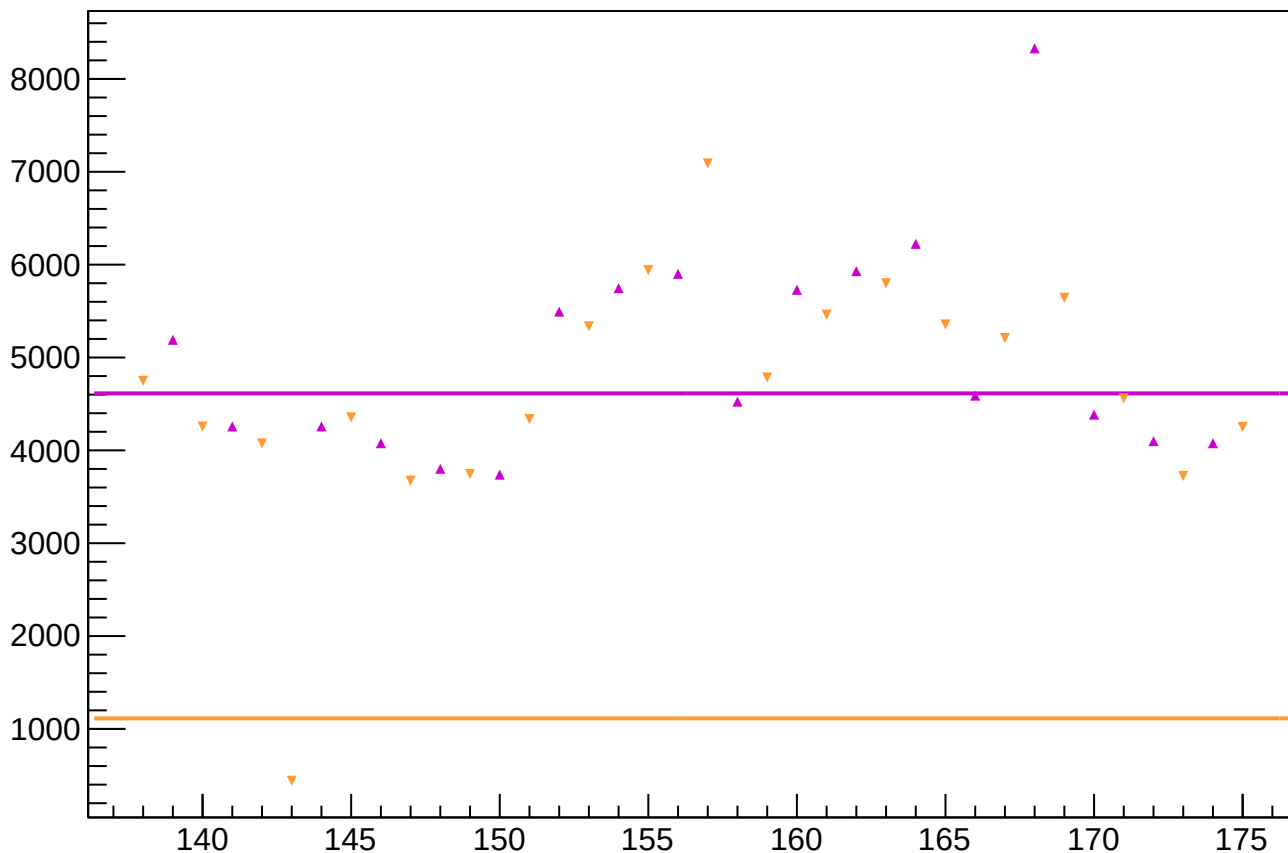
Left In: 441.143+/-1249.949 χ^2/NDF :11.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.150+/-461.812 χ^2/NDF : 40.5/37

- 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: 1113.317+/-0.351 χ^2/NDF :19686310.3/19

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

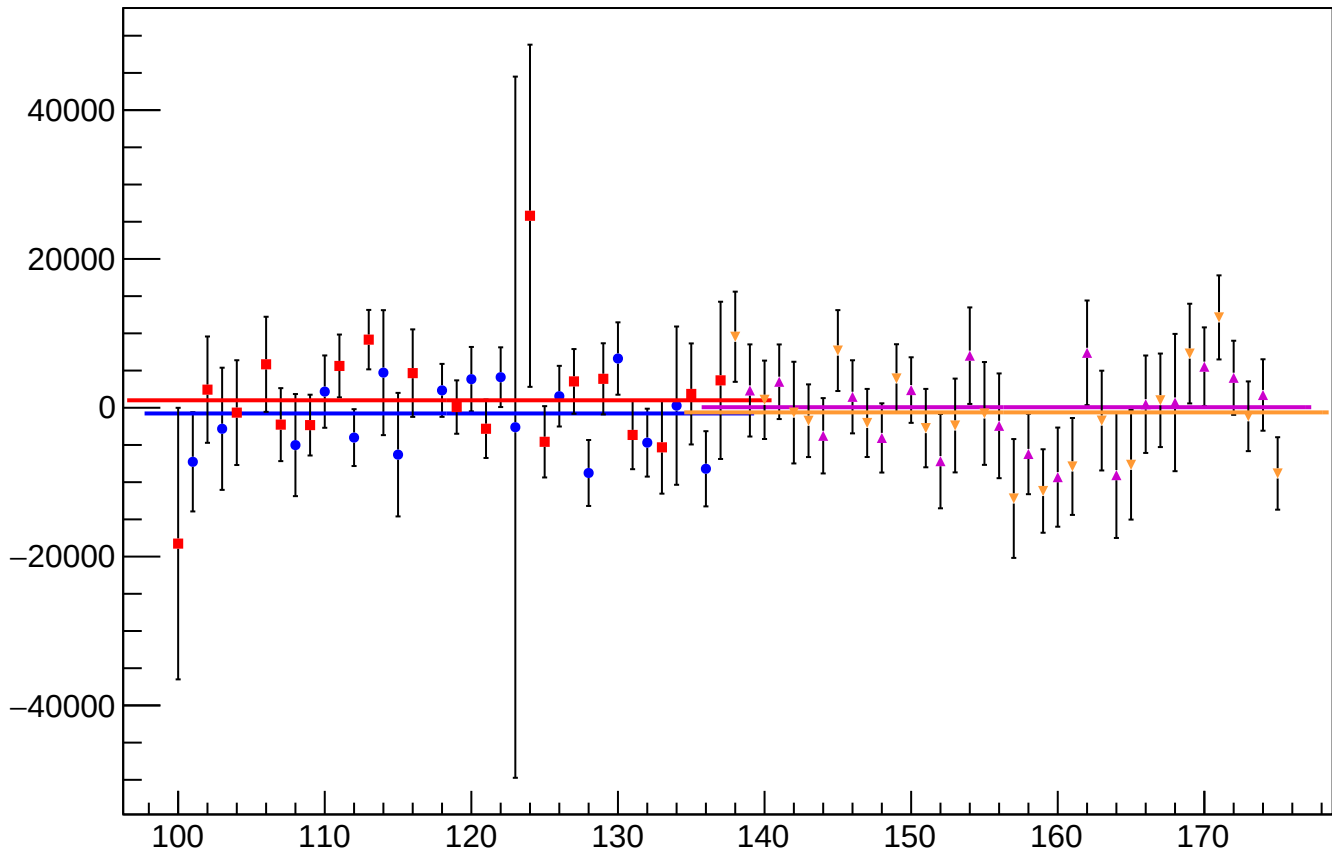
Left In: 4613.542+/-0.884 χ^2/NDF :1023092.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.112+/-0.327 χ^2/NDF : 34251855.3/3

- 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: -620.891 ± 1274.040 χ^2/NDF : 23.9/19

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

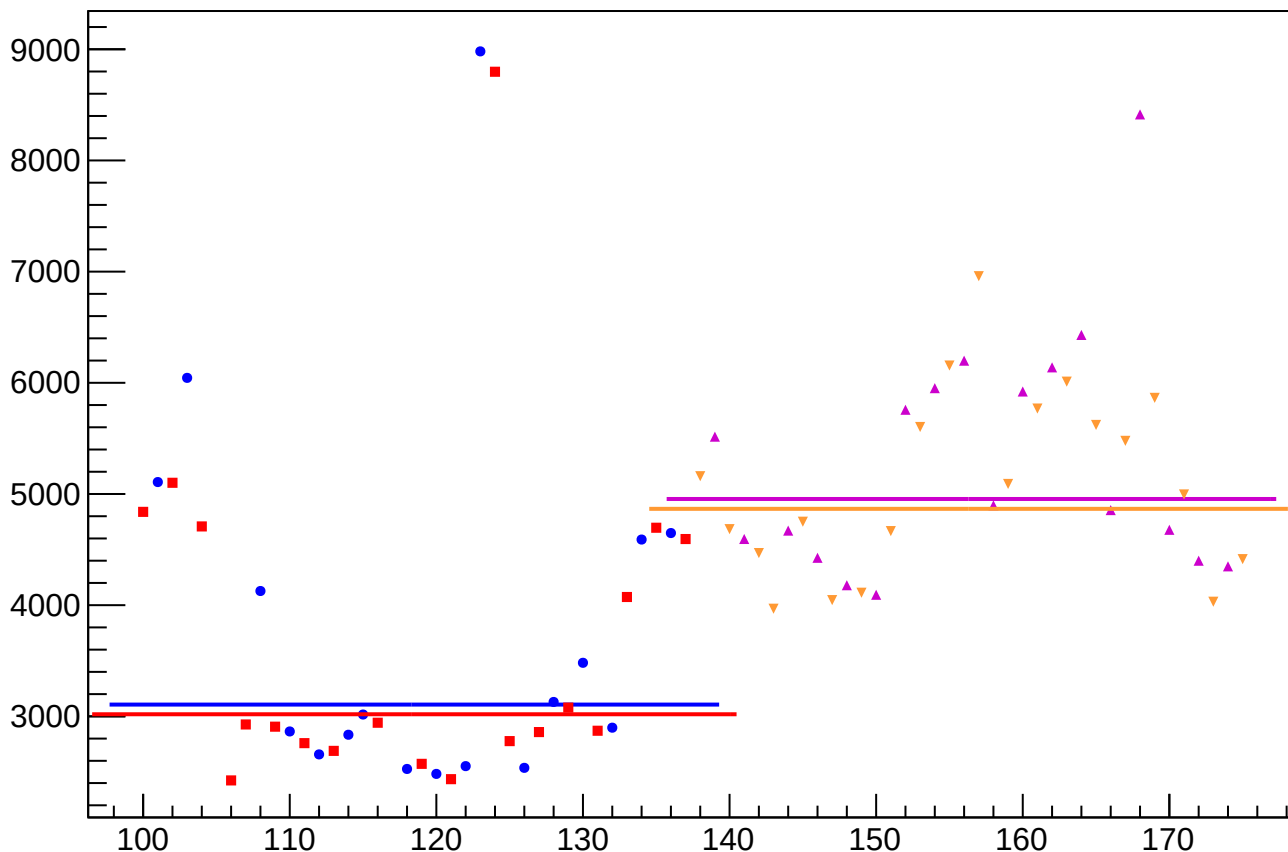
Left In: 76.160 ± 1338.031 χ^2/NDF : 12.3/17

+ sign -694.505 ± 891.425 χ^2/NDF : 39.4/36

All: -48.865 ± 629.712 χ^2/NDF : 68.0/73

- sign 594.237 ± 889.672 χ^2/NDF : 27.6/36

asym_atl_dd_rms vs Slug



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

Left Out: 4866.426+/-0.901 χ^2/NDF : 703809.9/19

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

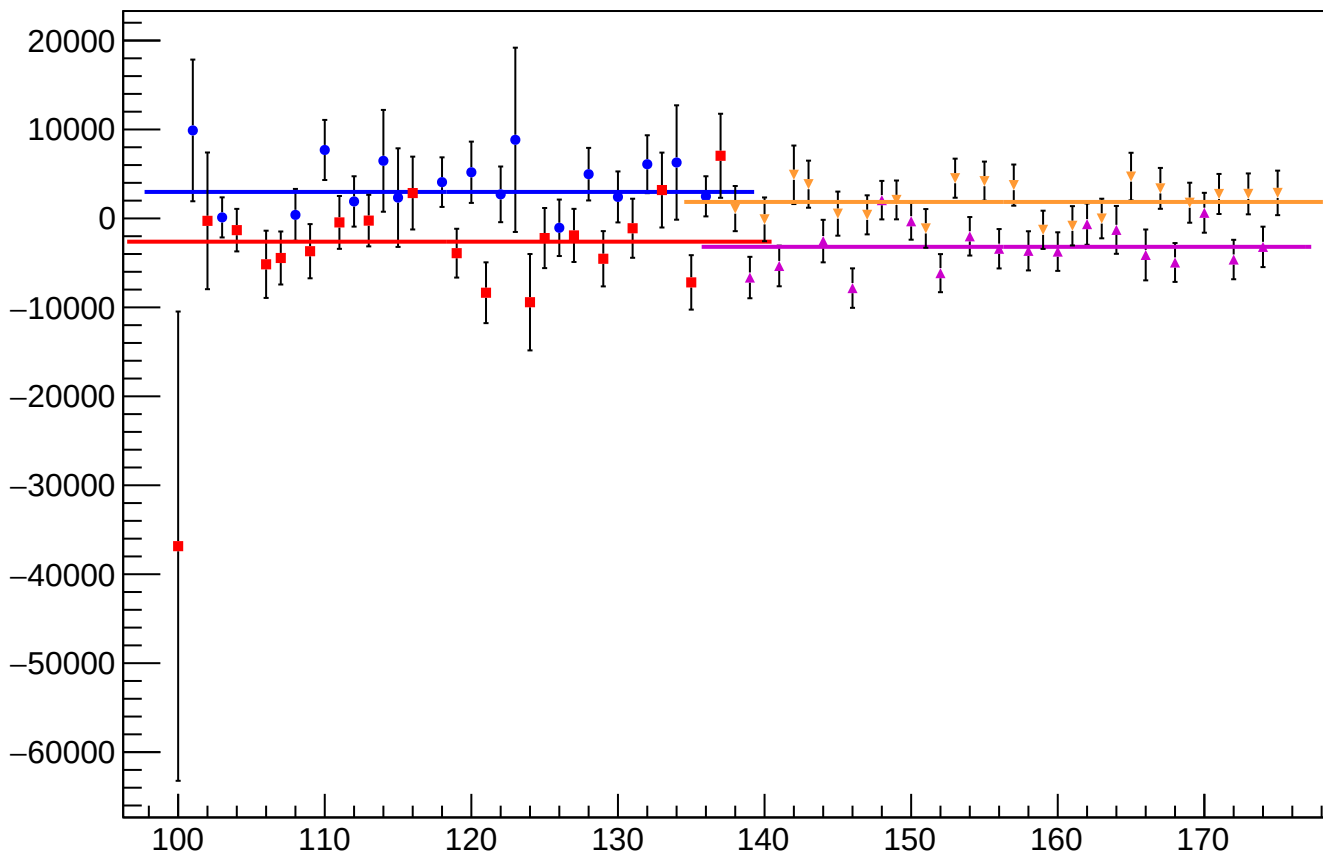
Left In: 4955.115+/-0.946 χ^2/NDF : 834037.1/17

+ sign 3967.749+/-0.630 χ^2/NDF : 3613133.5/36

All: 3914.850+/-0.444 χ^2/NDF : 7617995.2/73

- sign 3862.894+/-0.625 χ^2/NDF : 3990901.5/36

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1853.083 ± 523.881 χ^2/NDF : 14.4/19

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

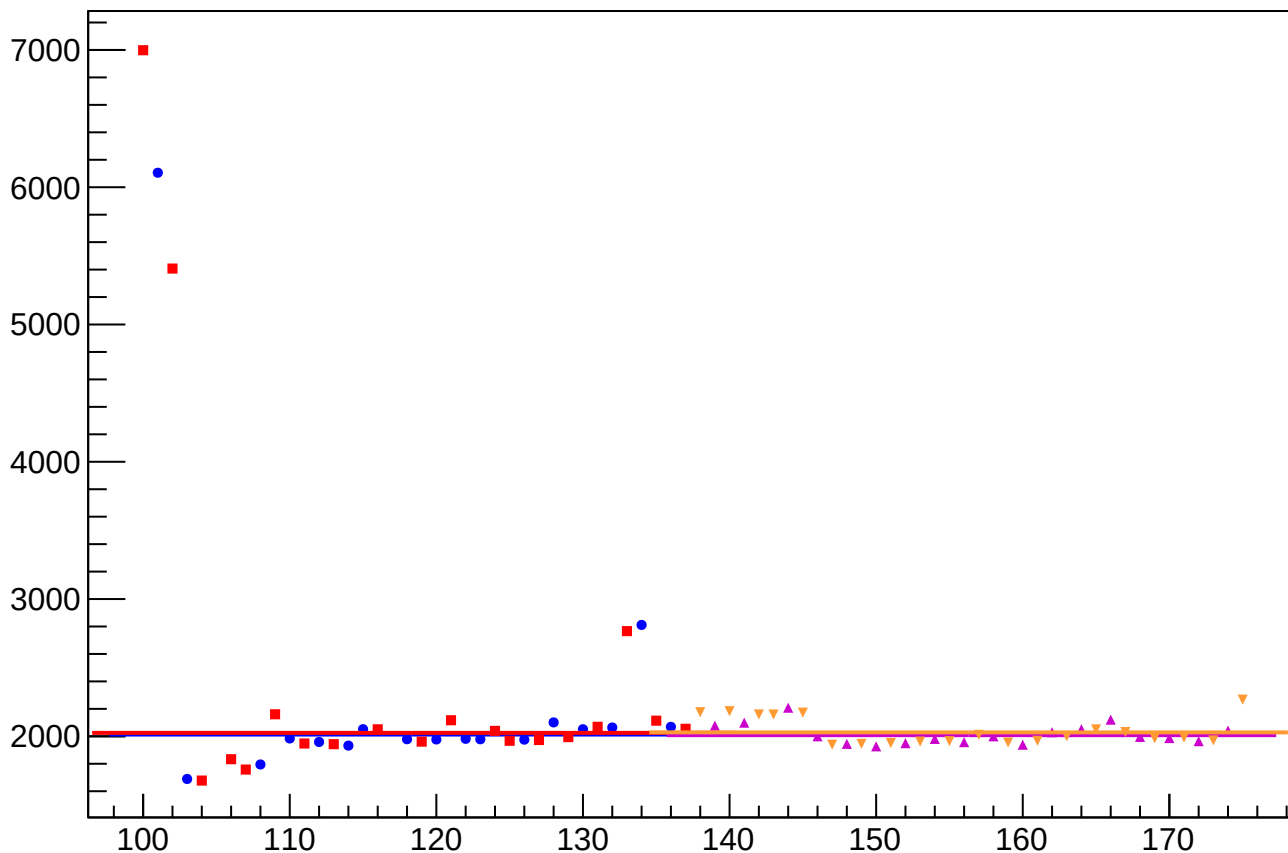
Left In: -3194.122 ± 534.028 χ^2/NDF : 23.4/17

+ sign 2193.567 ± 437.509 χ^2/NDF : 25.6/36

All: -386.195 ± 310.672 χ^2/NDF : 139.2/73

- sign -3009.979 ± 441.226 χ^2/NDF : 43.4/36

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2028.606 $\pm$ 0.370 χ^2 /NDF: 66847.1/19

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

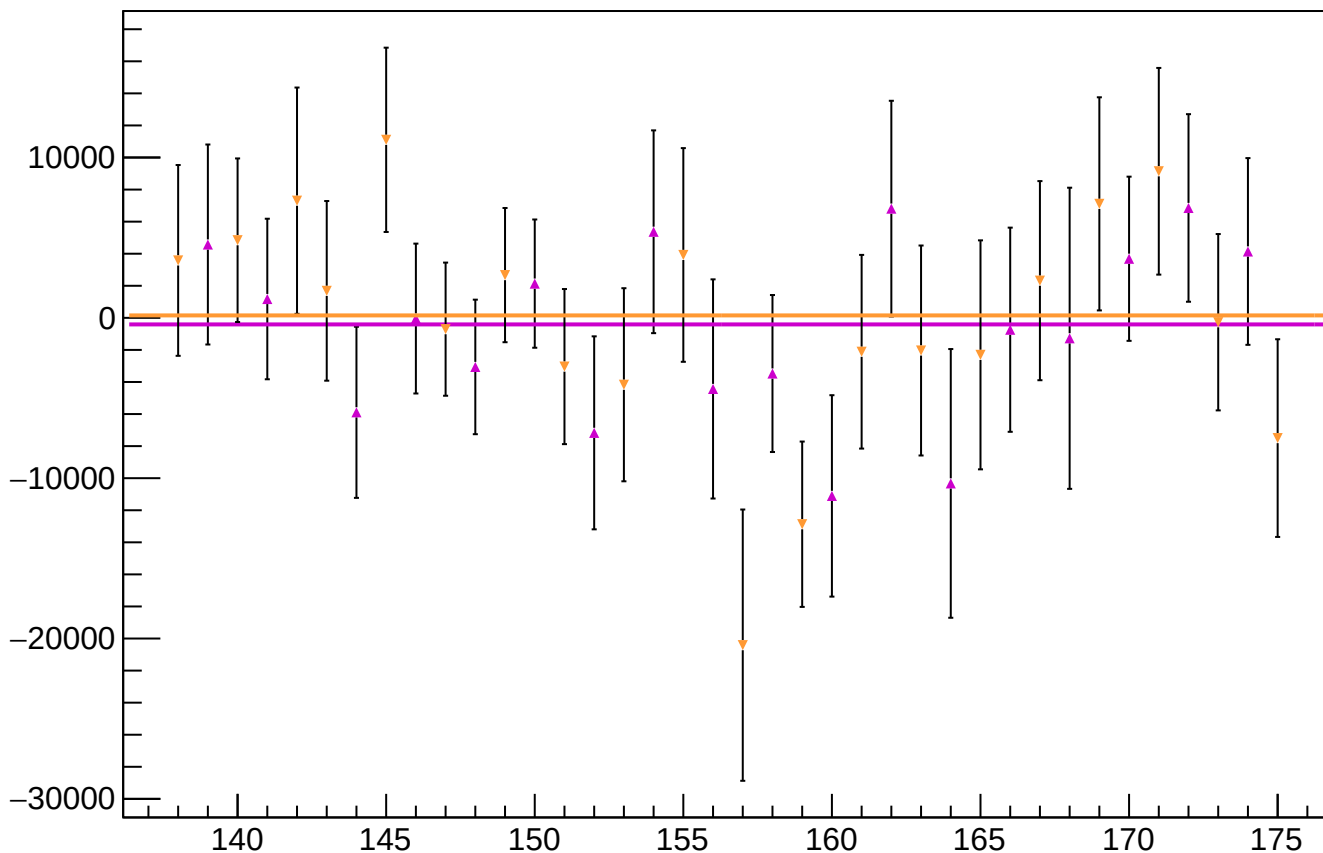
Left In: 2008.466 $\pm$ 0.378 χ^2 /NDF: 33965.9/17

+ sign 2023.868 $\pm$ 0.309 χ^2 /NDF: 685095.3/36

All: 2018.845 $\pm$ 0.220 χ^2 /NDF: 1317629.3/73

- sign 2013.737 $\pm$ 0.312 χ^2 /NDF: 632002.3/36

asym_atr_avg_correction_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 152.246 ± 1279.573 χ^2/NDF : 25.0/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

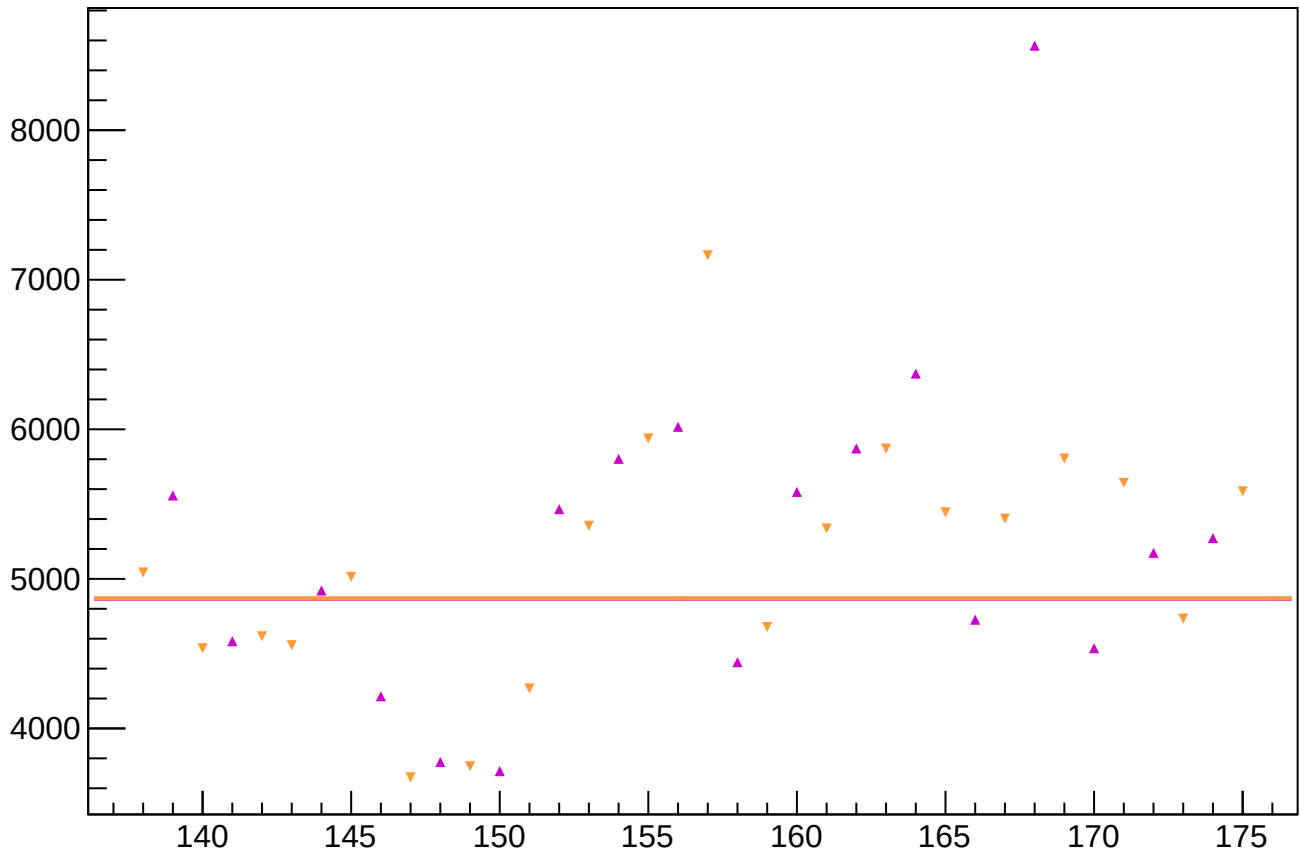
Left In: -409.485 ± 1317.468 χ^2/NDF : 13.7/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -120.425 ± 917.899 χ^2/NDF : 38.7/37

- 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: 4869.354+/-0.905 χ^2/NDF : 758466.5/19

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

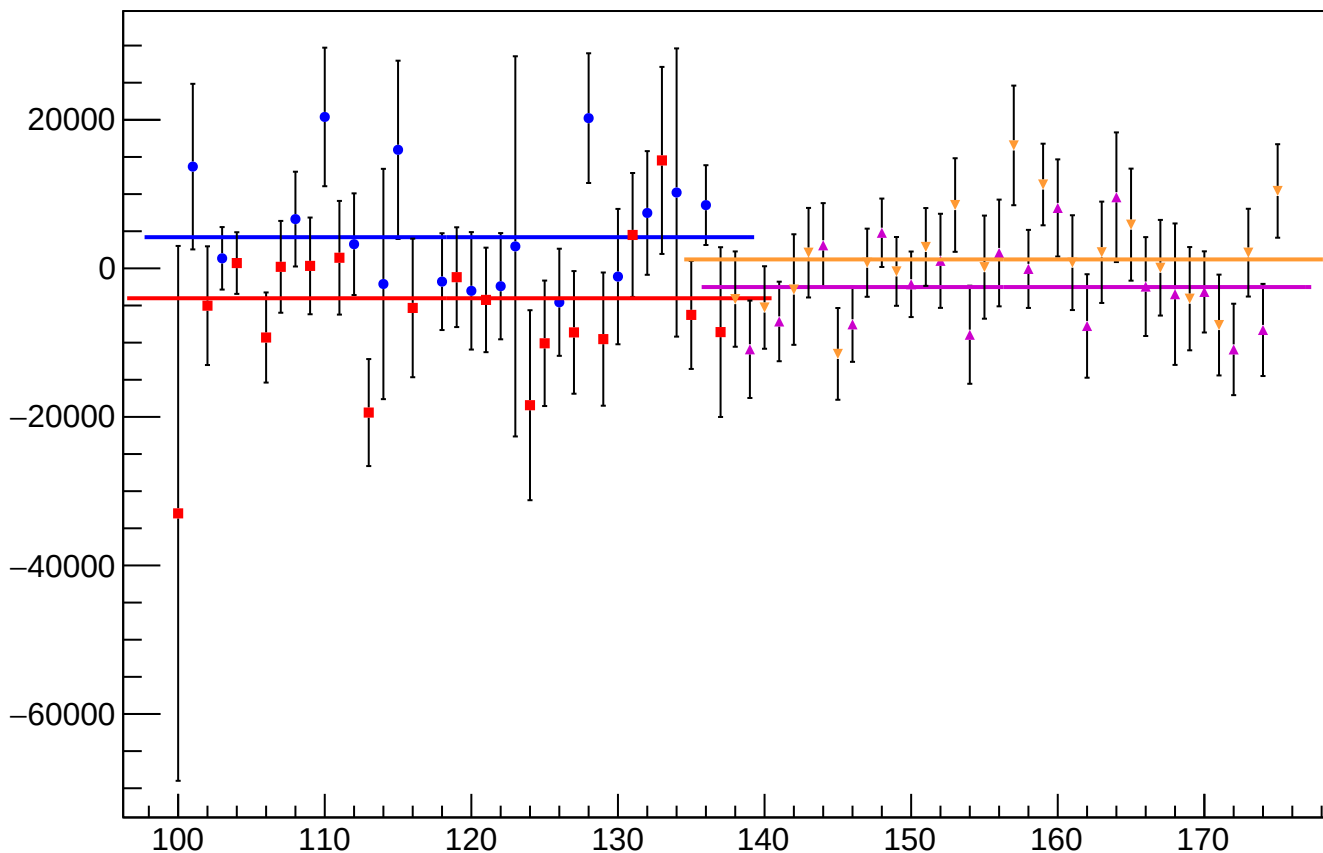
Left In: 4866.987+/-0.932 χ^2/NDF : 976492.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4868.205+/-0.649 χ^2/NDF : 1734961.9/37

- 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: 1205.435+/-1364.092 χ^2/NDF : 20.1/19

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

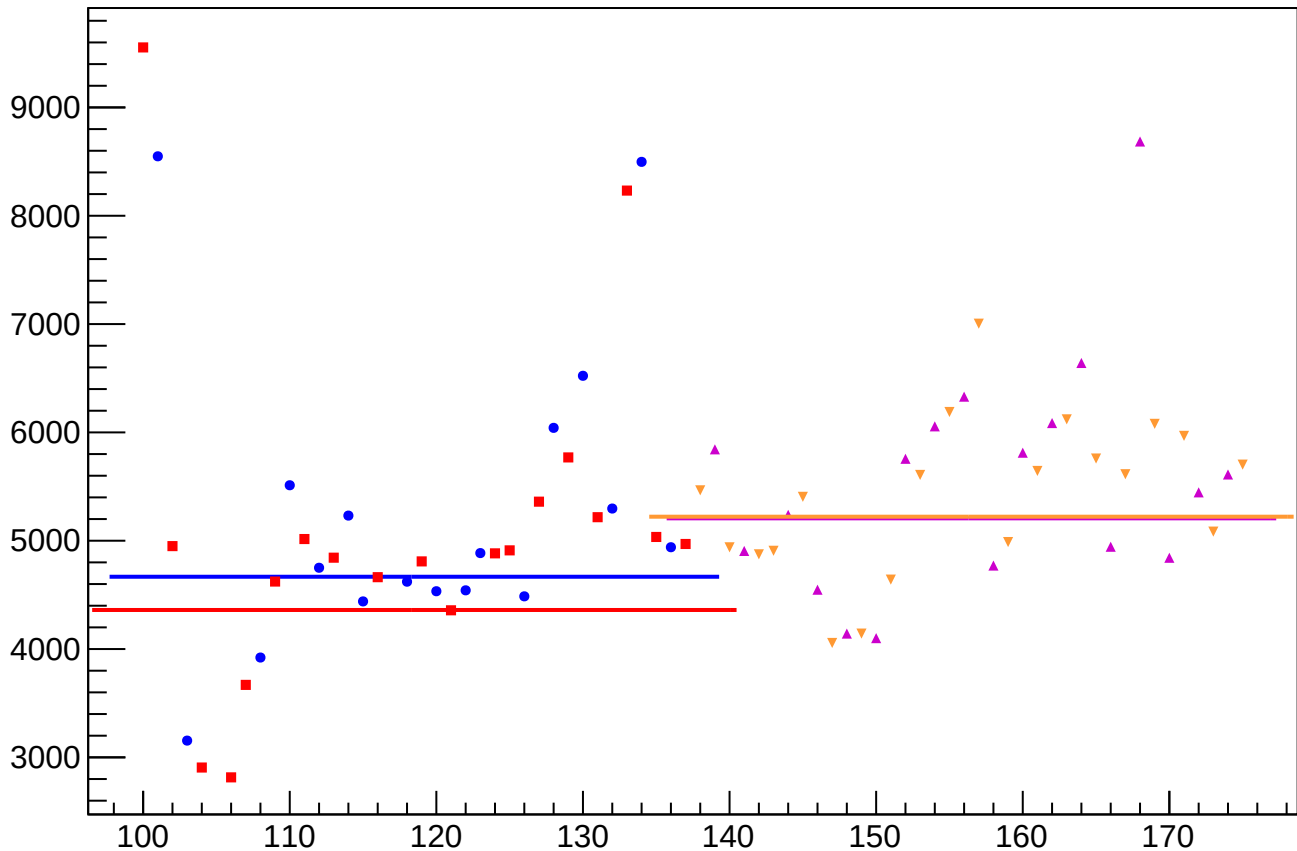
Left In: -2516.581+/-1404.644 χ^2/NDF : 16.6/17

+ sign 2253.939+/-1099.530 χ^2/NDF : 35.9/36

All: -456.929+/-773.828 χ^2/NDF : 79.9/73

- sign -3117.383+/-1089.258 χ^2/NDF : 32.0/36

asym_atr_avg_rms vs Slug



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

Left Out: 5221.799+/-0.965 χ^2/NDF : 557914.8/19

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

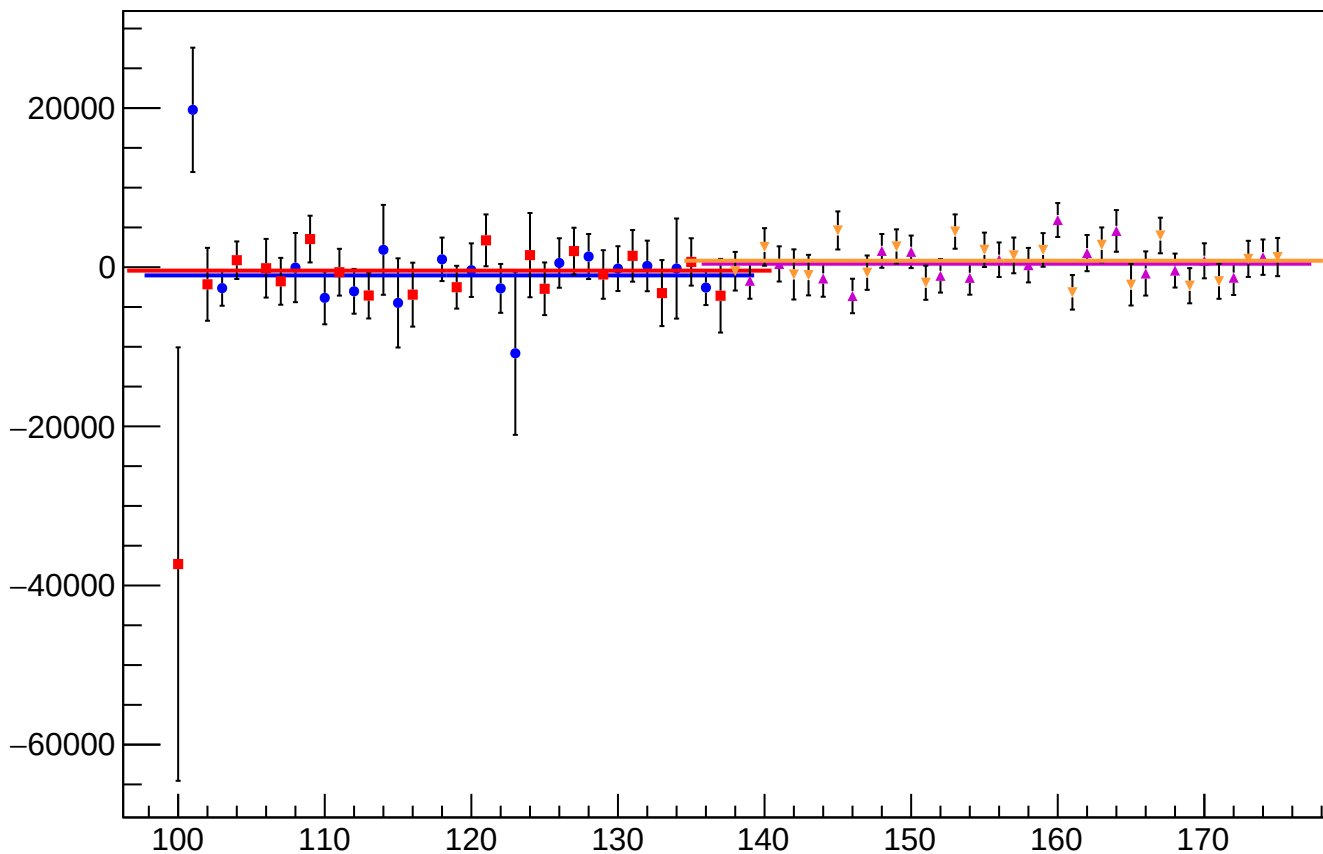
Left In: 5206.499+/-0.993 χ^2/NDF : 795908.8/17

+ sign 5027.629+/-0.777 χ^2/NDF : 1451461.8/36

All: 4946.337+/-0.547 χ^2/NDF : 3392906.5/73

- sign 4866.925+/-0.768 χ^2/NDF : 1919832.9/36

dit_asym_atr_dd_mean vs Slug



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

Left Out: 817.238 ± 511.306 χ^2/NDF : 21.8/19

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

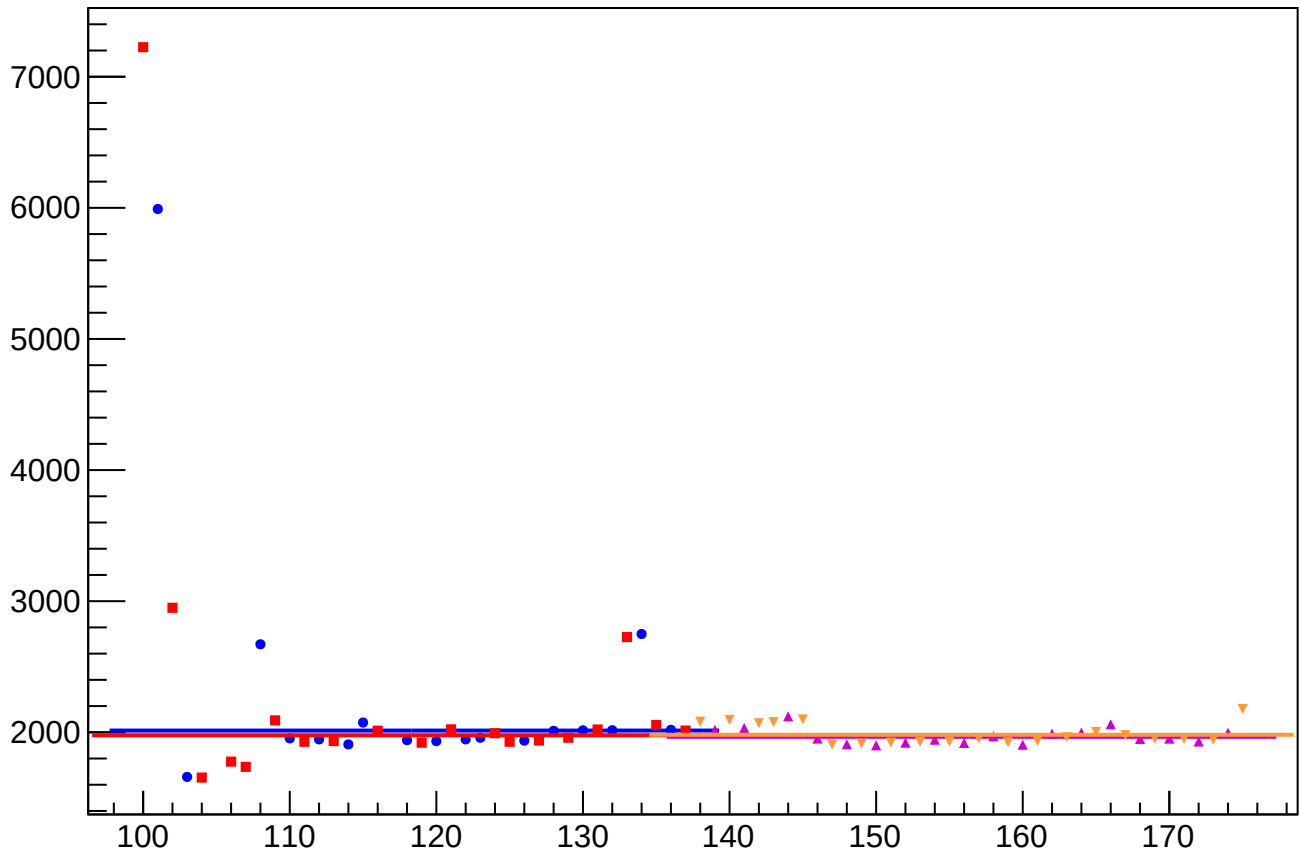
Left In: 440.977 ± 522.460 χ^2/NDF : 18.1/17

+ sign 279.113 ± 430.294 χ^2/NDF : 38.6/36

All: 220.787 ± 304.403 χ^2/NDF : 68.4/73

- sign 162.354 ± 430.688 χ^2/NDF : 29.7/36

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1981.067+/-0.362 χ^2/NDF : 43313.9/19

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

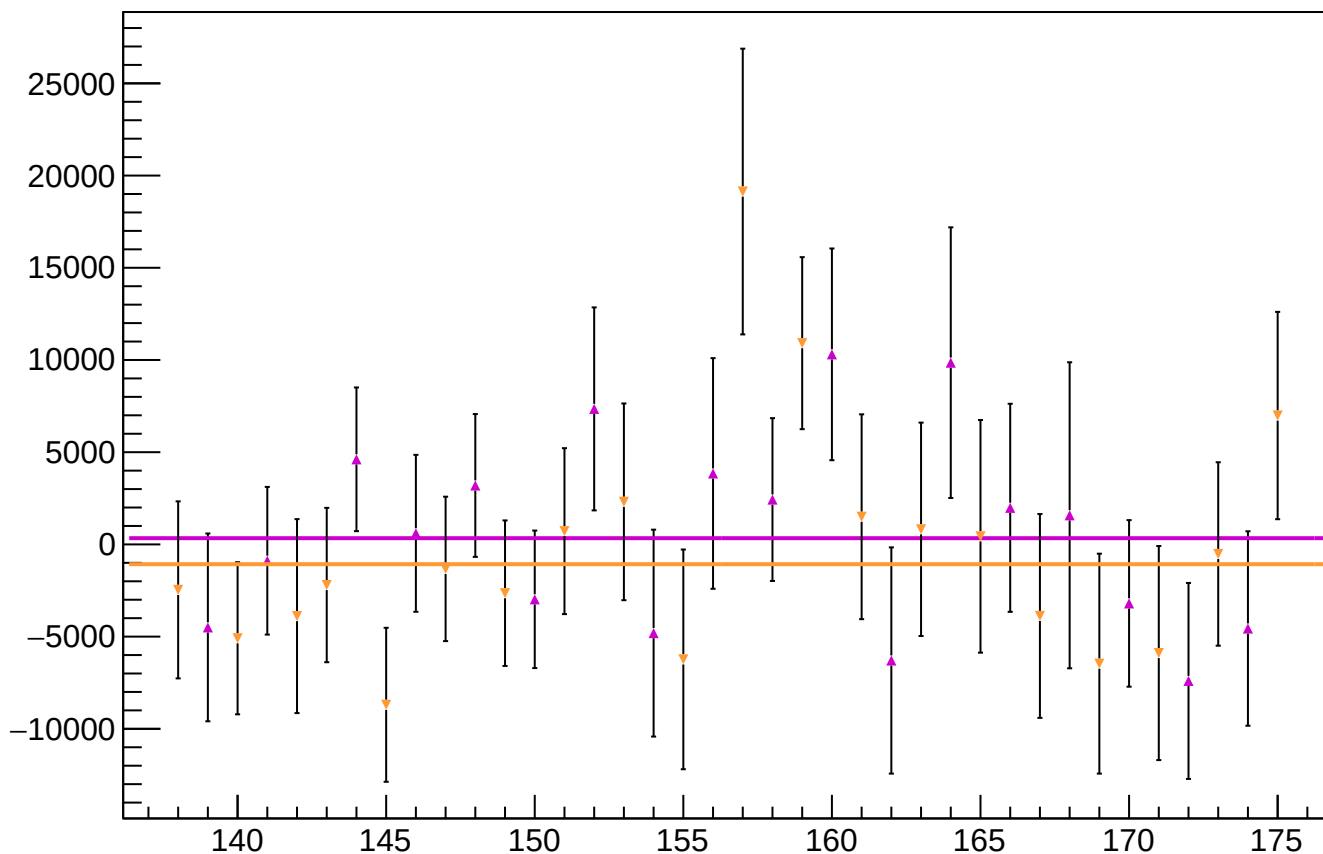
Left In: 1965.530+/-0.369 χ^2/NDF : 23421.9/17

+ sign 1990.463+/-0.304 χ^2/NDF : 695677.4/36

All: 1979.930+/-0.215 χ^2/NDF : 1016735.9/73

- sign 1969.386+/-0.304 χ^2/NDF : 318660.5/36

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1071.978+/-1112.699 χ^2/NDF : 23.8/19

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

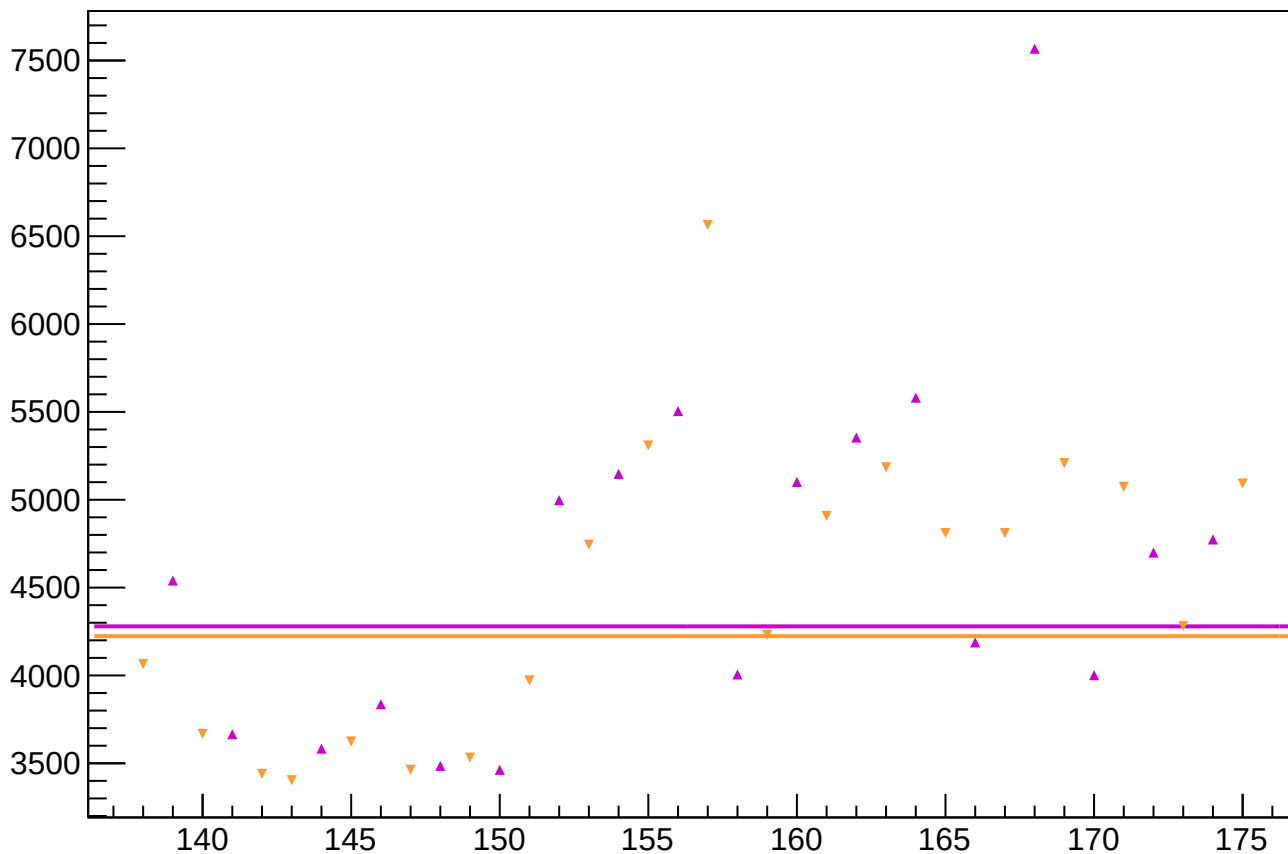
Left In: 337.036+/-1159.145 χ^2/NDF : 16.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.265+/-802.715 χ^2/NDF : 40.7/37

- 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: 4223.791+/-0.787 χ^2/NDF :882940.5/19

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

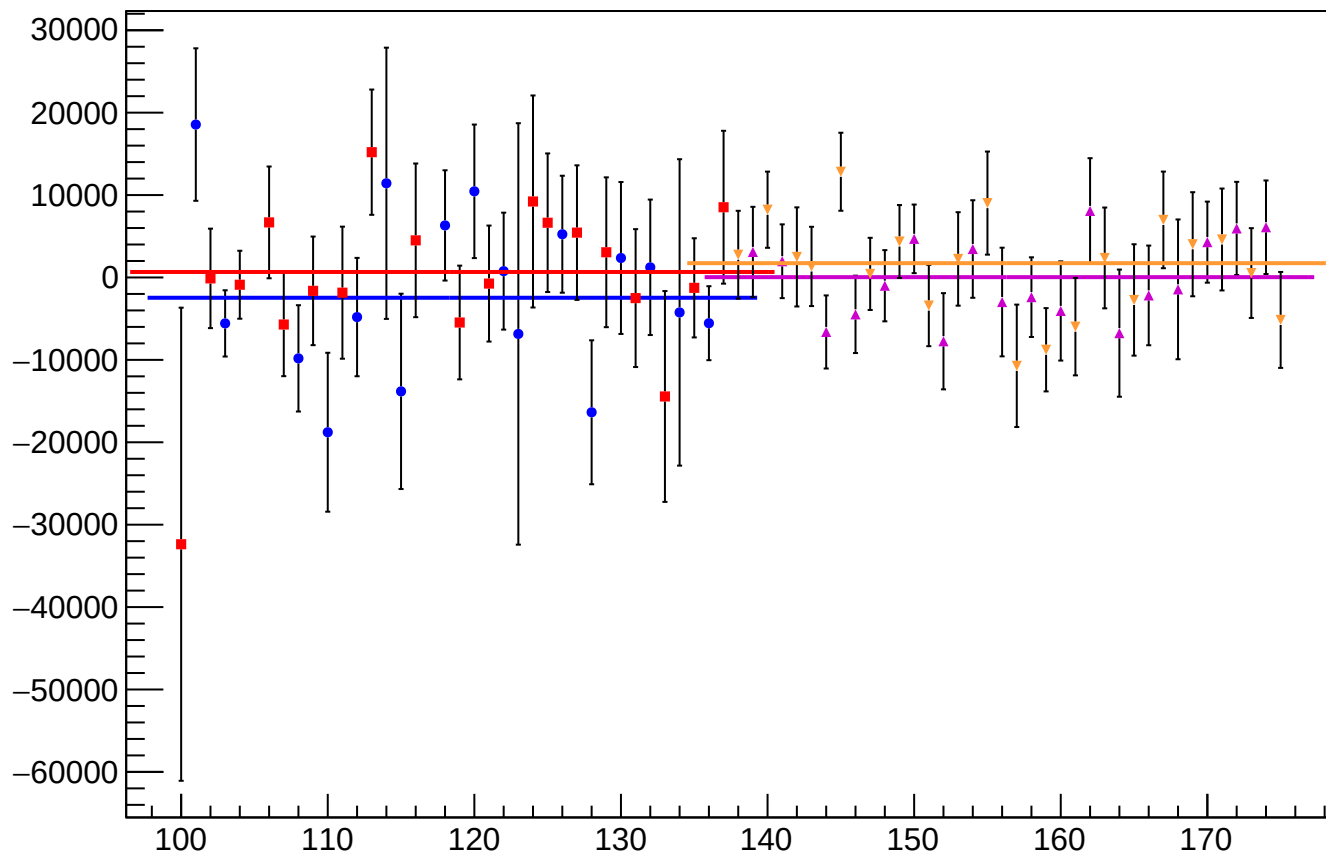
Left In: 4279.291+/-0.820 χ^2/NDF :1001774.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4250.407+/-0.568 χ^2/NDF : 1887100.8/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 1733.389 $\pm$ 1215.845 χ^2 /NDF: 22.3/19

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

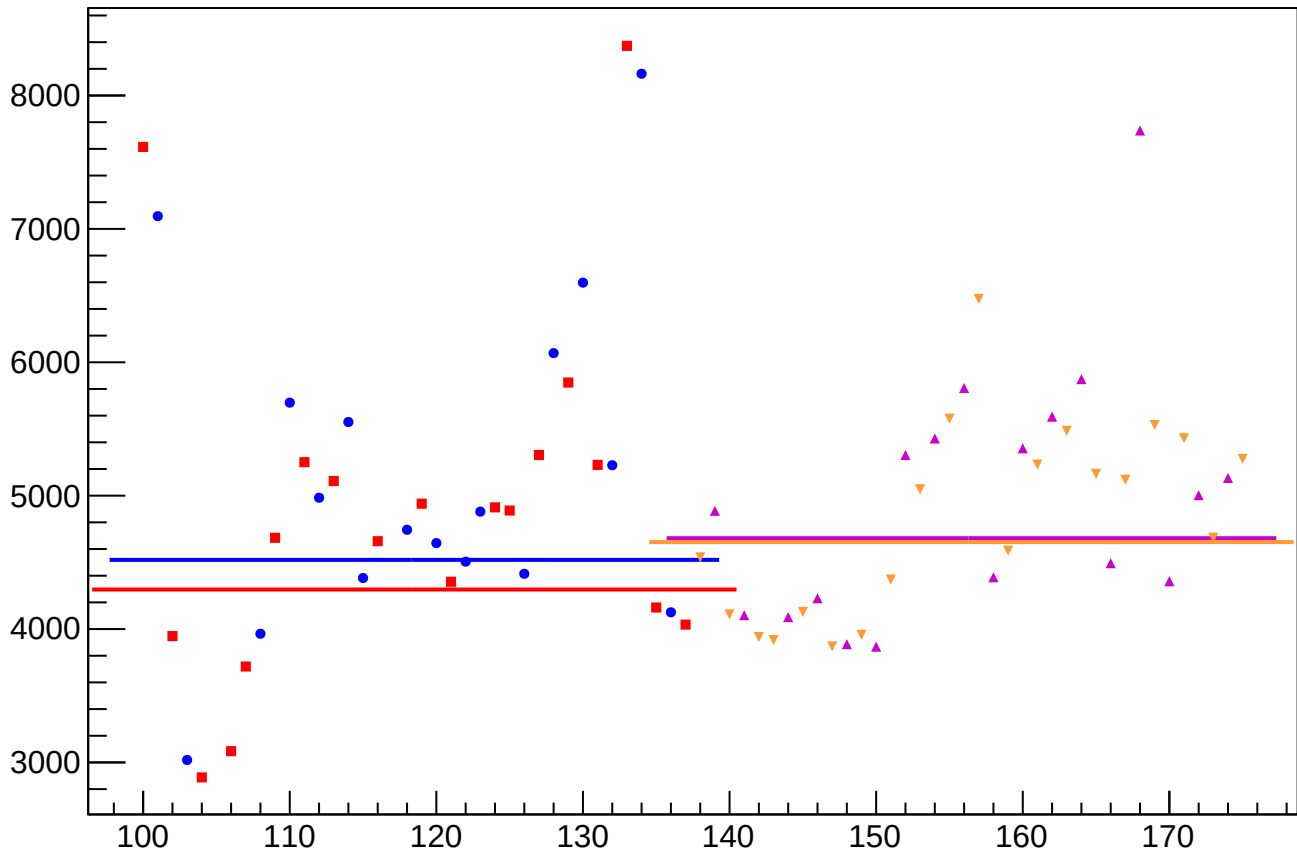
Left In: 38.067 $\pm$ 1261.795 χ^2 /NDF: 13.5/17

+ sign 416.138 $\pm$ 1007.056 χ^2 /NDF: 46.9/36

All: 339.827 $\pm$ 713.498 χ^2 /NDF: 72.4/73

- sign 262.912 $\pm$ 1011.032 χ^2 /NDF: 25.5/36

asym_atr_dd_rms vs Slug



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

Left Out: 4652.079 ± 0.860 $\chi^2/\text{NDF}: 595466.7/19$

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

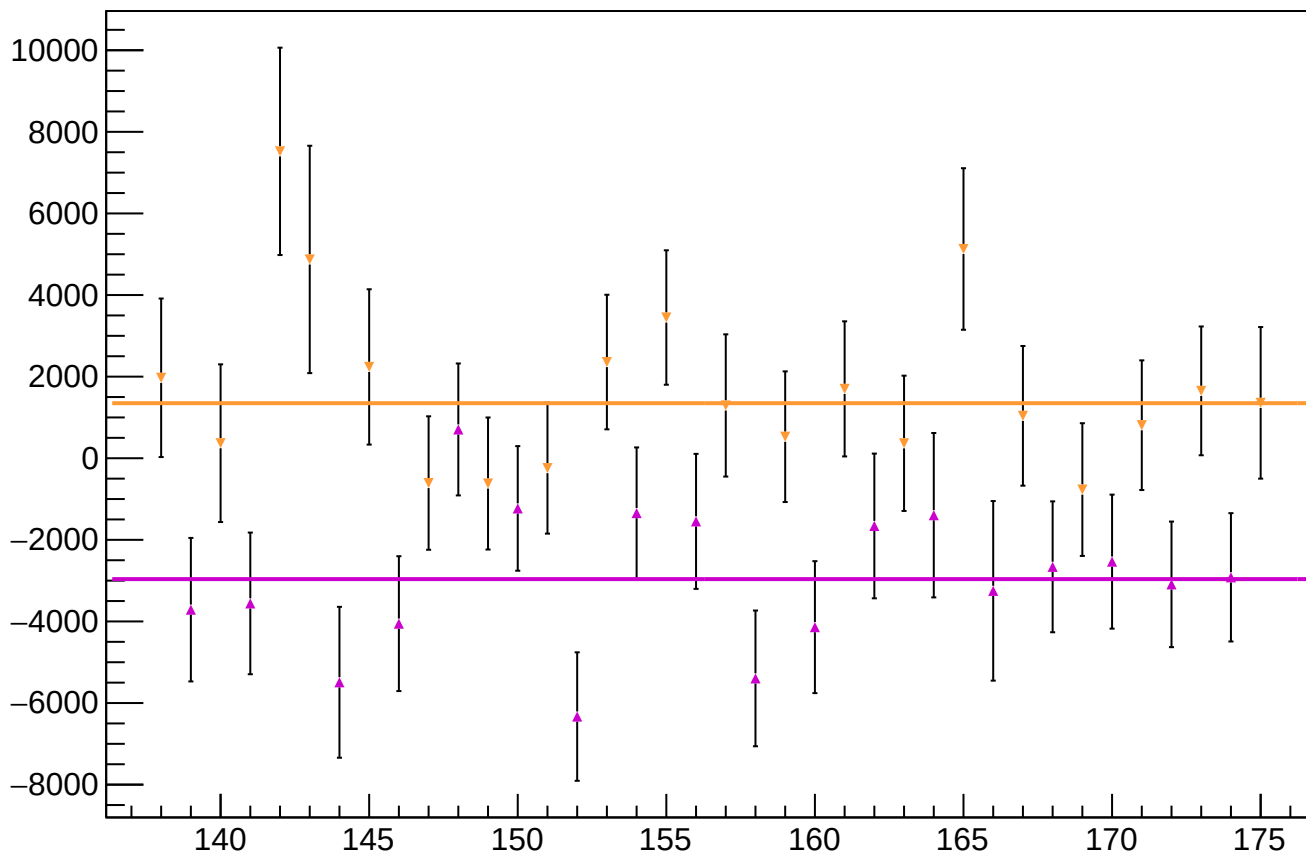
Left In: 4681.338 ± 0.892 $\chi^2/\text{NDF}: 757212.1/17$

+ sign 4610.199 ± 0.712 $\chi^2/\text{NDF}: 1373251.8/36$

All: 4576.438 ± 0.504 $\chi^2/\text{NDF}: 2973786.9/73$

- sign 4542.547 ± 0.713 $\chi^2/\text{NDF}: 1596031.0/36$

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1349.343 $\pm$ 392.803 χ^2 /NDF:20.2/19

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

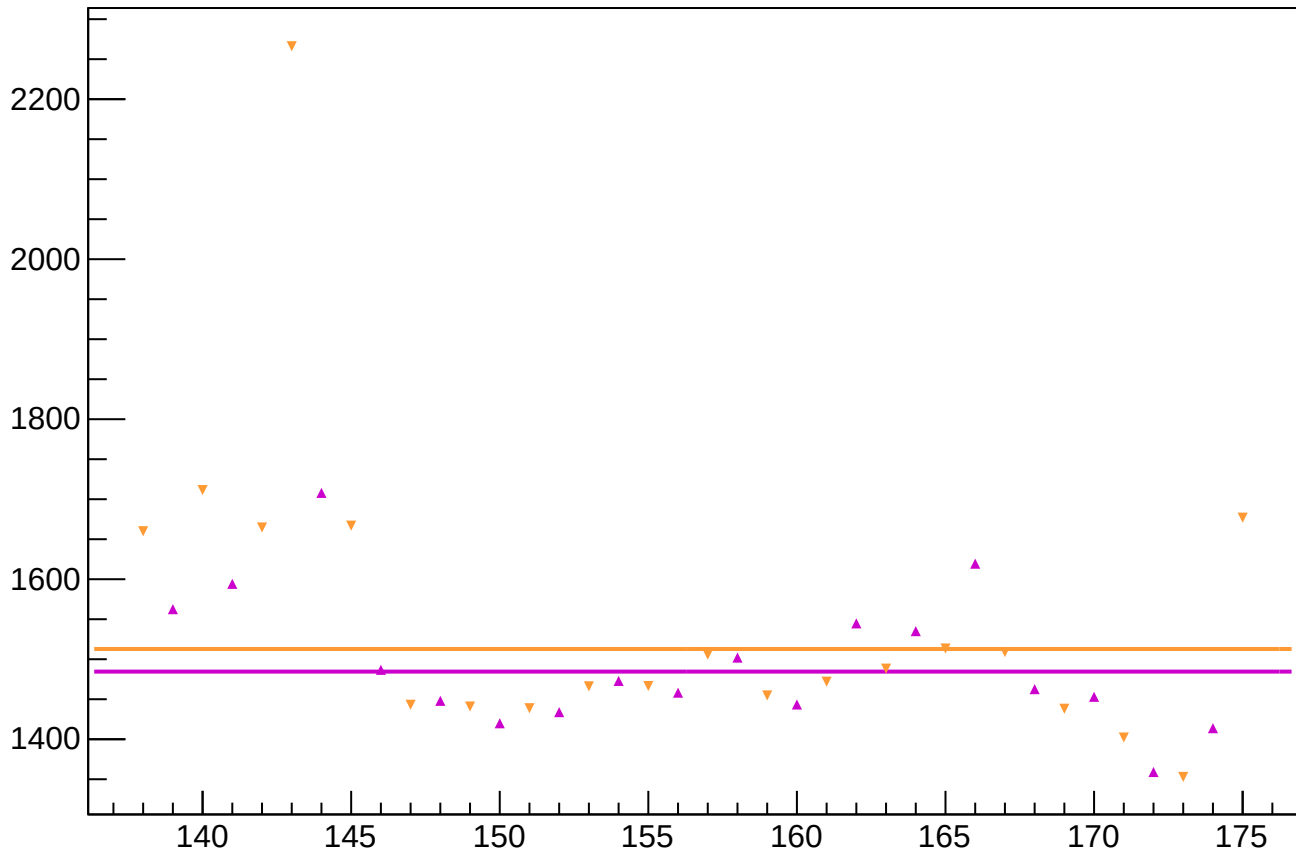
Left In: -2962.515 $\pm$ 395.910 χ^2 /NDF:19.3/17

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

All: -789.602 $\pm$ 278.845 χ^2 /NDF: 99.2/37

- sign 0.000 $\pm$ 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: 1512.819+/-0.278 χ^2 /NDF:268438.3/19

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

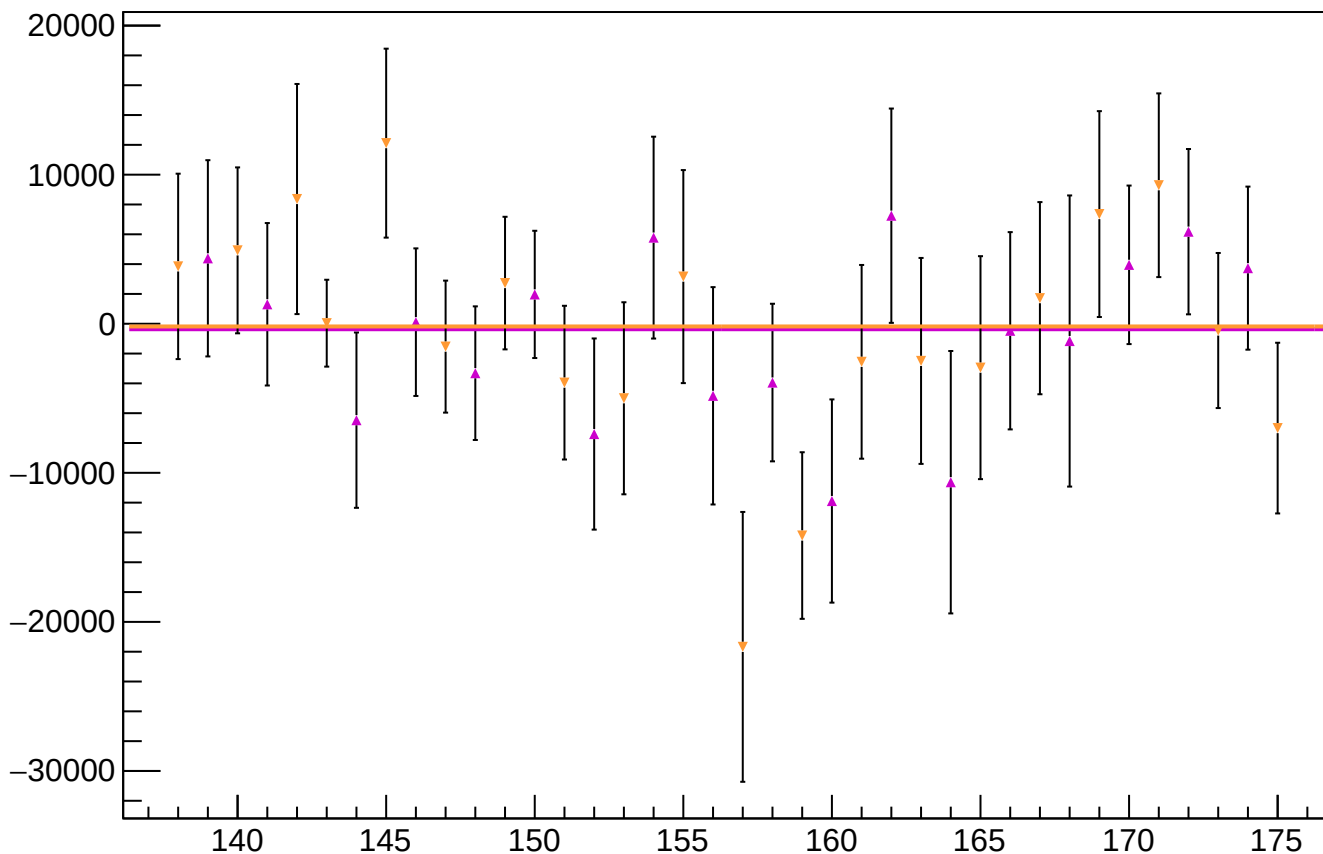
Left In: 1484.528+/-0.280 χ^2 /NDF:79436.6/17

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1498.785+/-0.197 χ^2 /NDF: 353021.2/37

- 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: -182.370+/-1244.102 χ^2/NDF :25.5/19

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

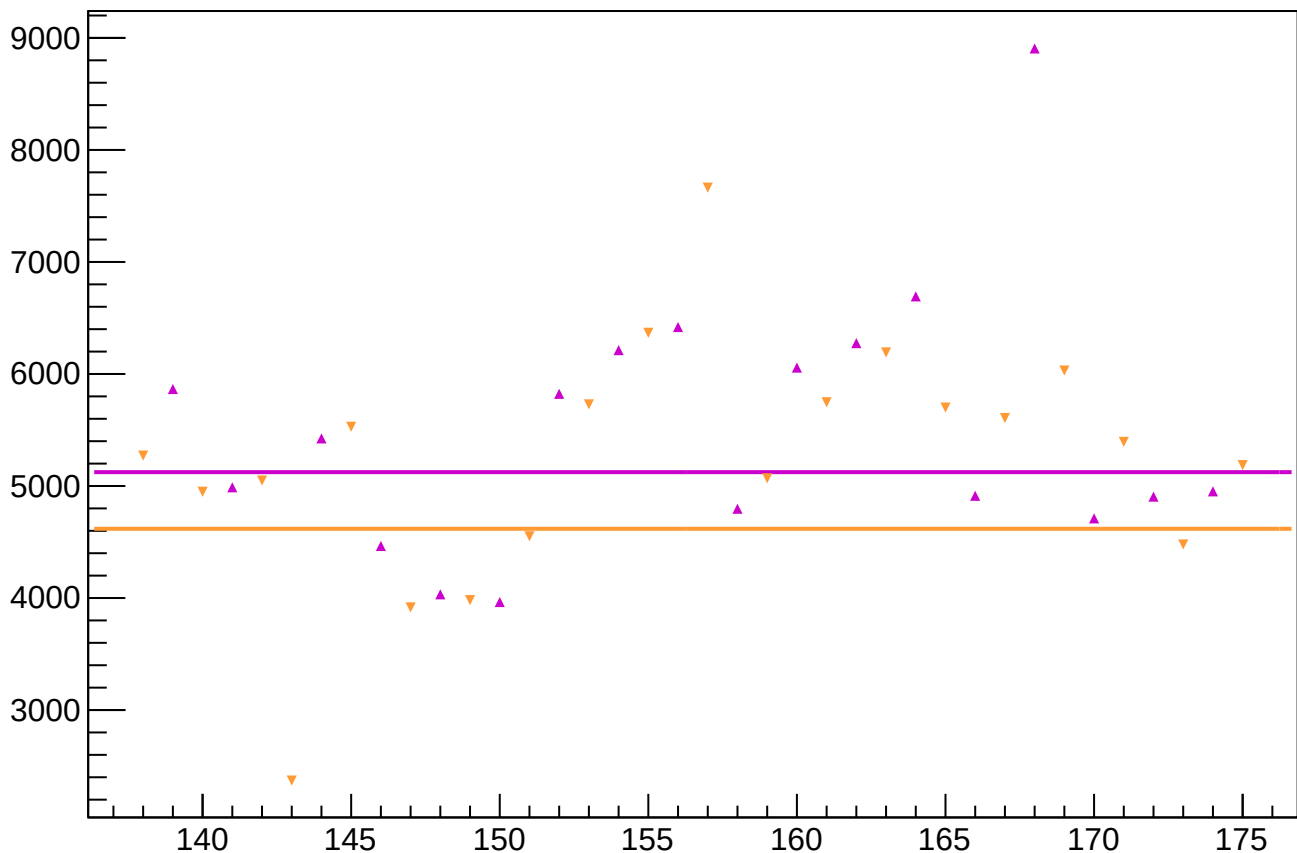
Left In: -366.885+/-1386.275 χ^2/NDF :13.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.684+/-925.910 χ^2/NDF : 38.7/37

- 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: 4618.215+/-0.880 χ^2/NDF : 2166709.3/19

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

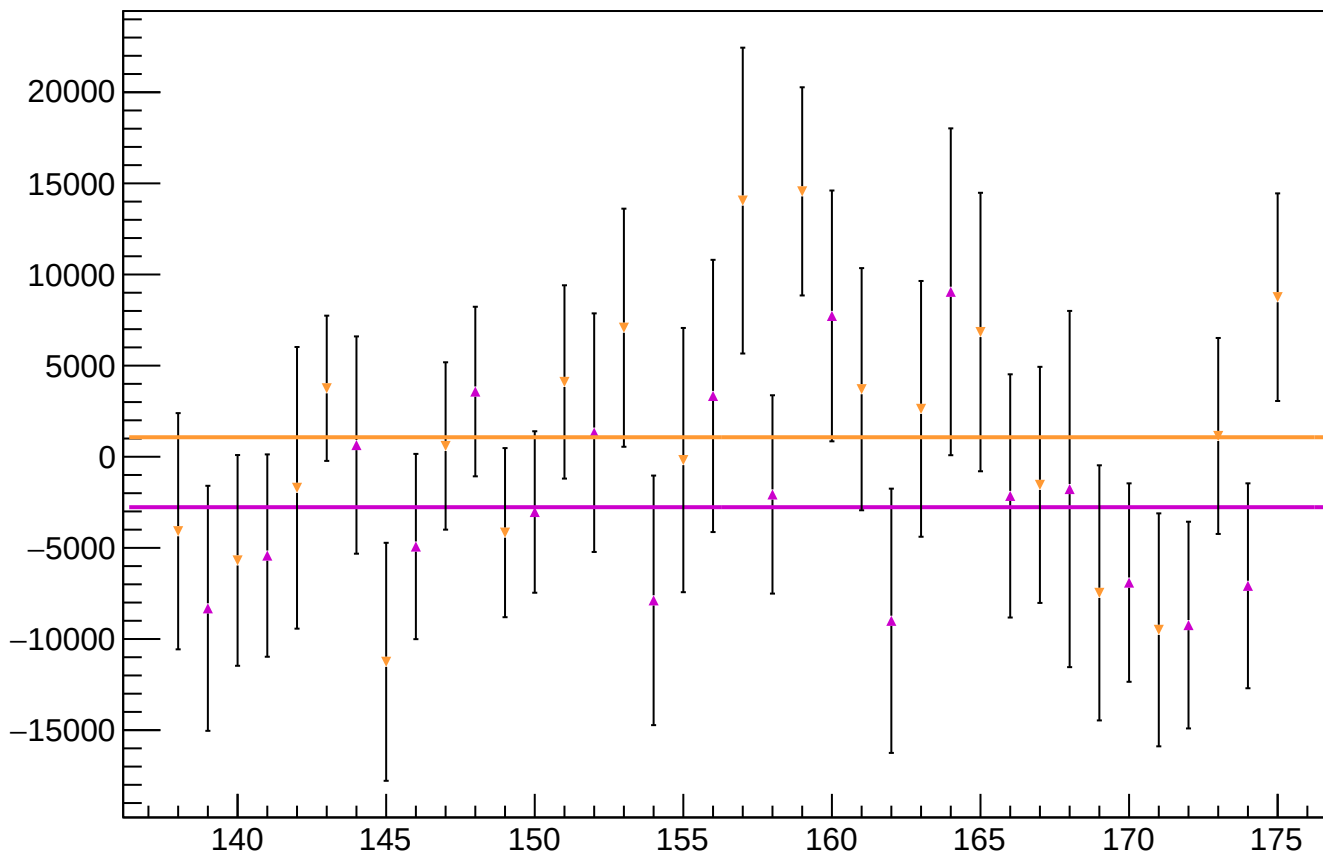
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4843.672+/-0.655 χ^2/NDF : 3265296.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5123.603+/-0.980 χ^2/NDF : 951353.9/17

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1070.545+/-1326.941 χ^2/NDF :23.6/19

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

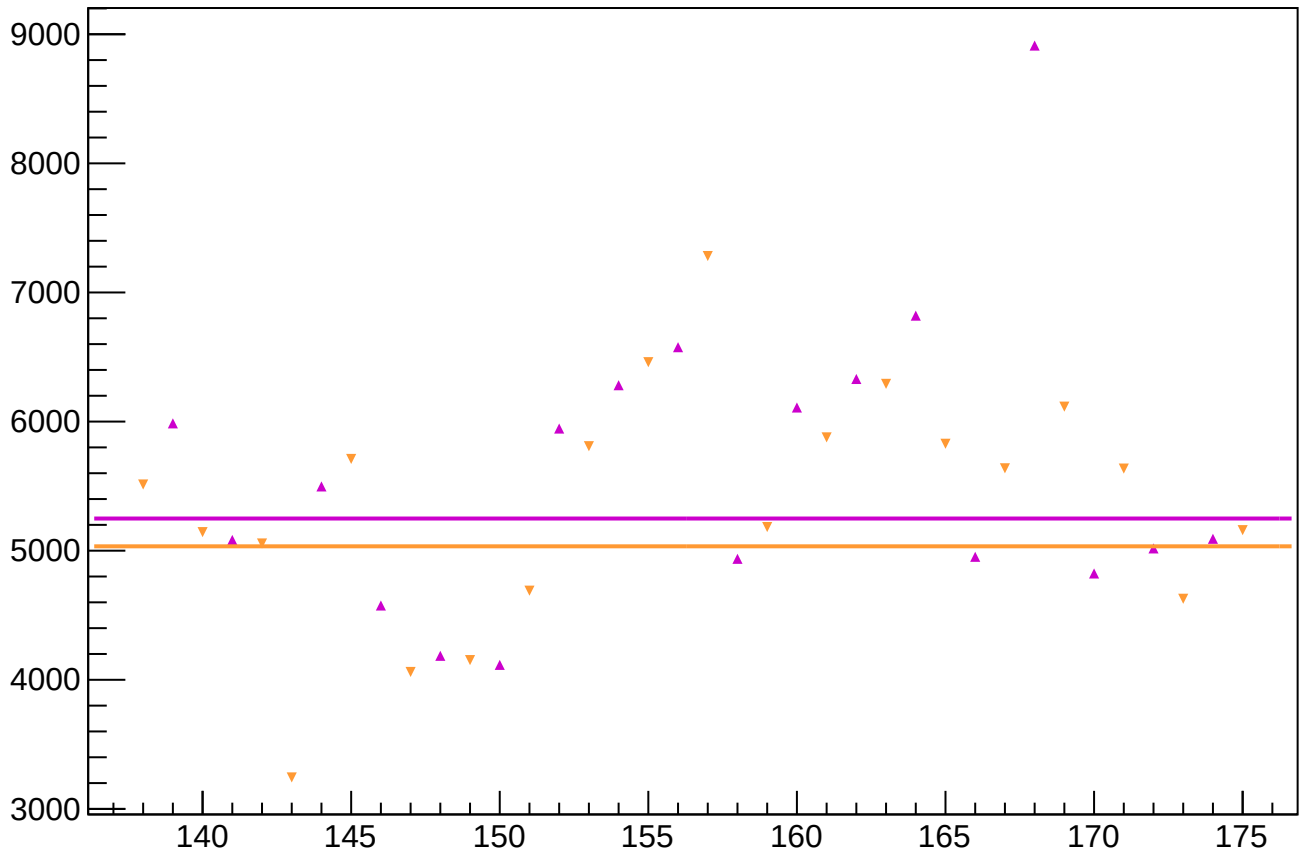
Left In: -2767.400+/-1418.572 χ^2/NDF :12.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -720.479+/-969.064 χ^2/NDF : 39.7/37

- 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: 5033.827+/-0.938 χ^2/NDF :1071262.0/19

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

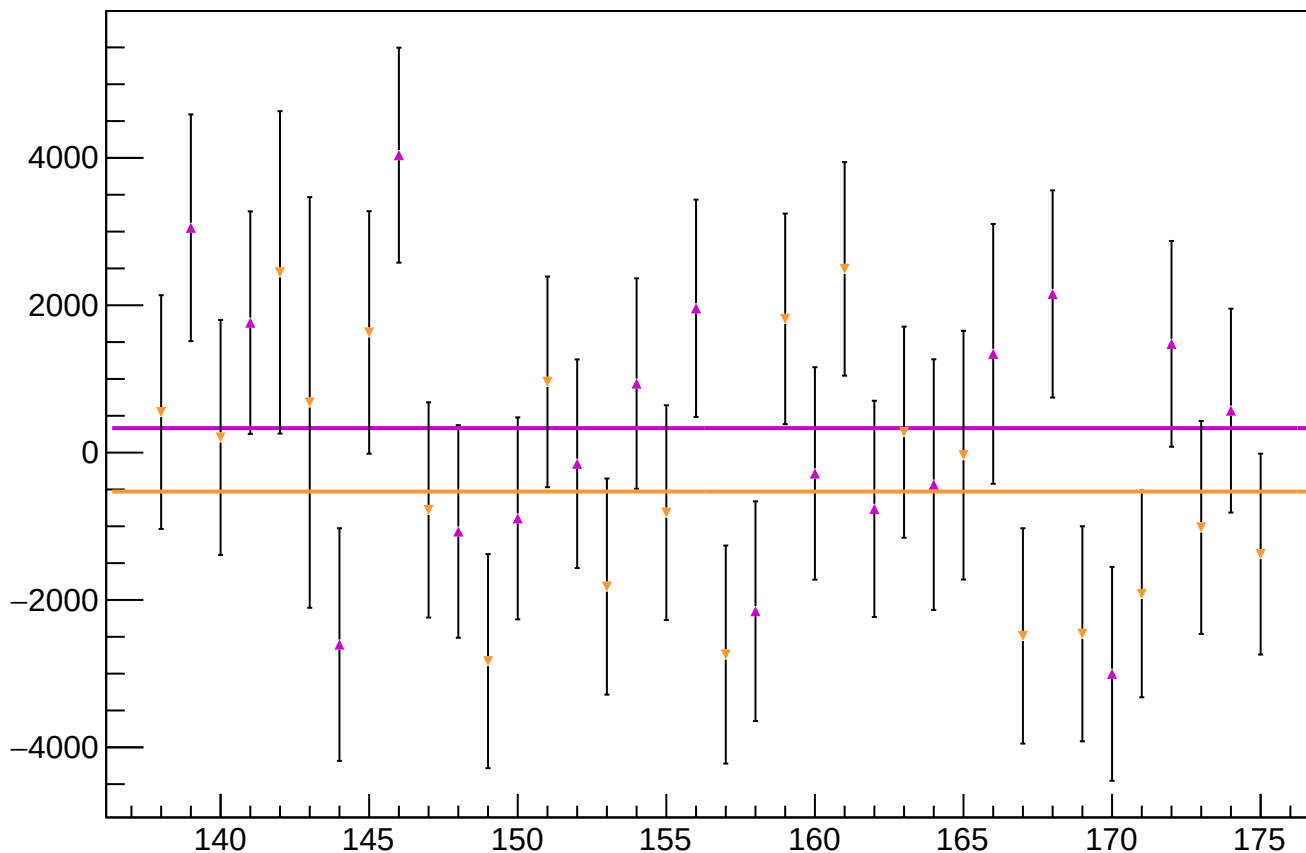
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5134.294+/-0.685 χ^2/NDF : 1972684.5/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5249.115+/-1.003 χ^2/NDF :876854.4/17

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -528.748 $\pm$ 341.243 χ^2 /NDF:23.6/19

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

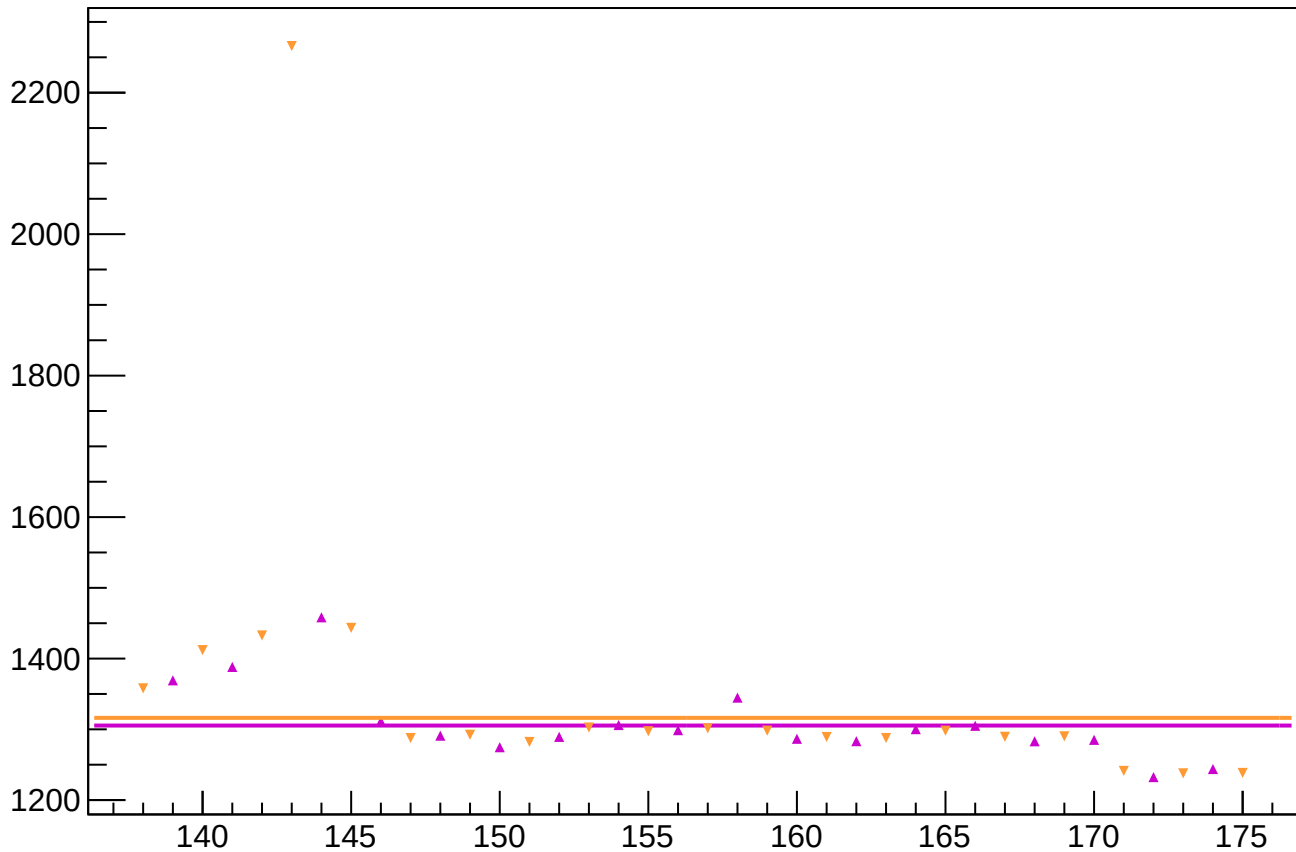
Left In: 332.620 $\pm$ 347.710 χ^2 /NDF:28.9/17

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

All: -106.149 $\pm$ 243.549 χ^2 /NDF: 55.6/37

- sign 0.000 $\pm$ 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: 1316.227+/-0.241 χ^2/NDF :283162.0/19

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

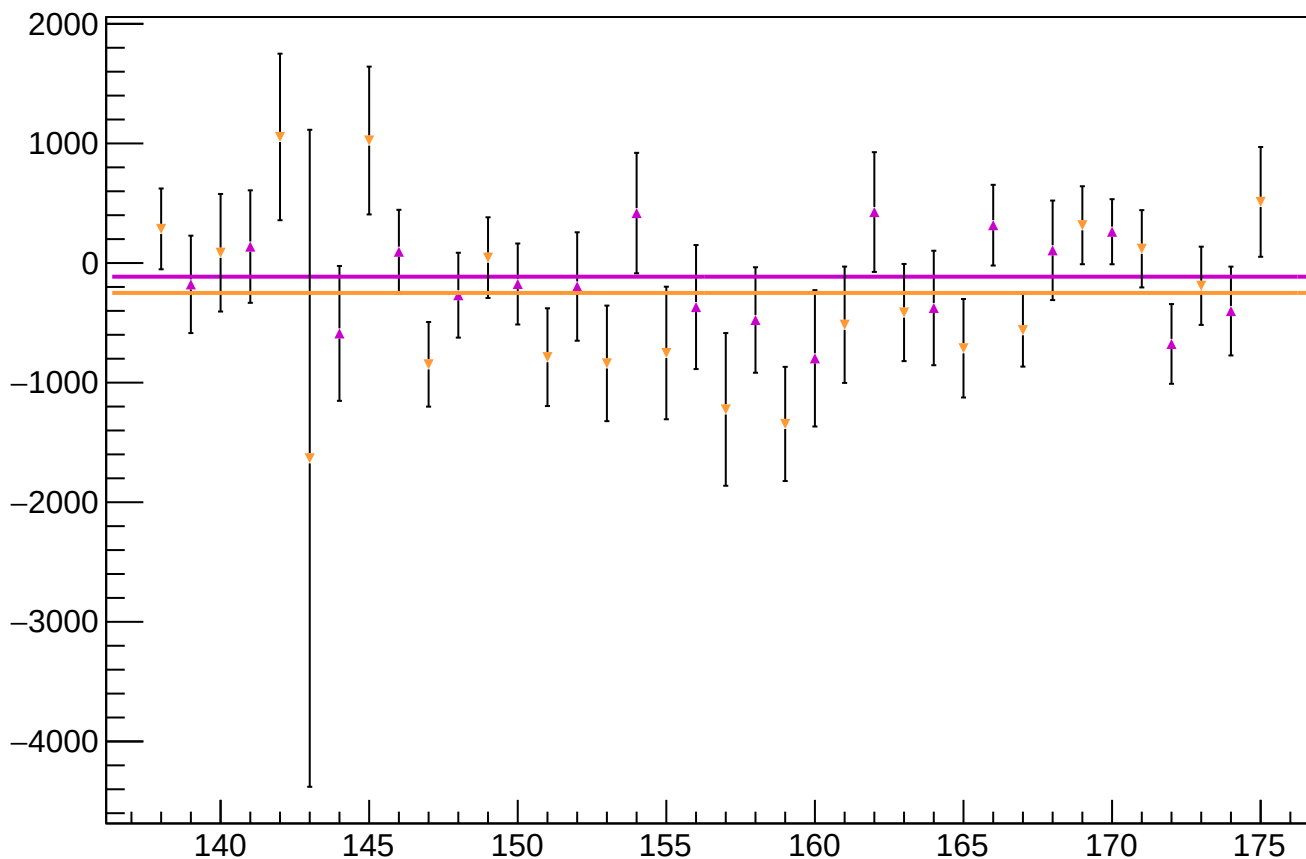
Left In: 1305.354+/-0.246 χ^2/NDF :42283.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.893+/-0.172 χ^2/NDF : 326441.7/37

- 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: -249.909+/-93.291 χ^2/NDF : 36.1/19

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

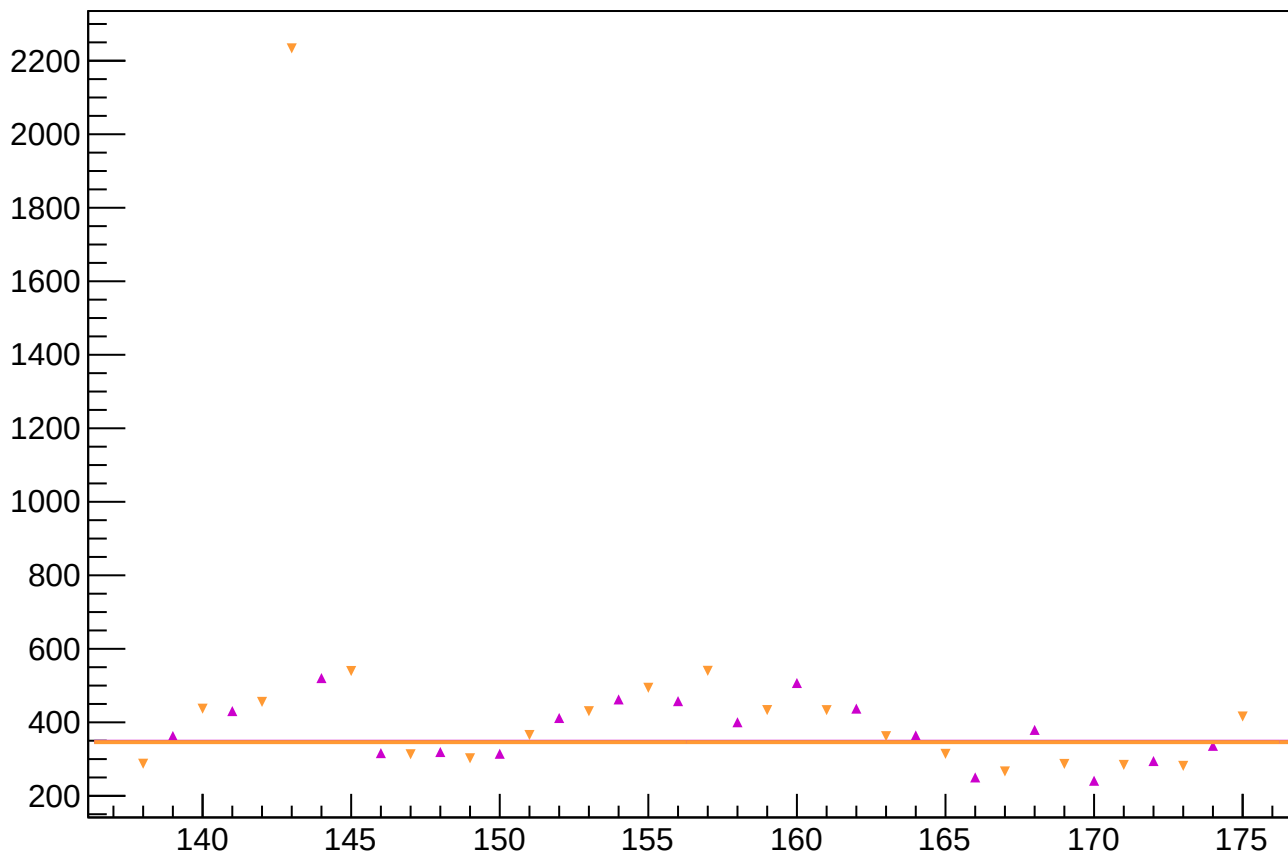
Left In: -114.132+/-94.521 χ^2/NDF : 13.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.909+/-66.397 χ^2/NDF : 51.0/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 346.146+/-0.066 χ^2/NDF :2309469.1/19

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

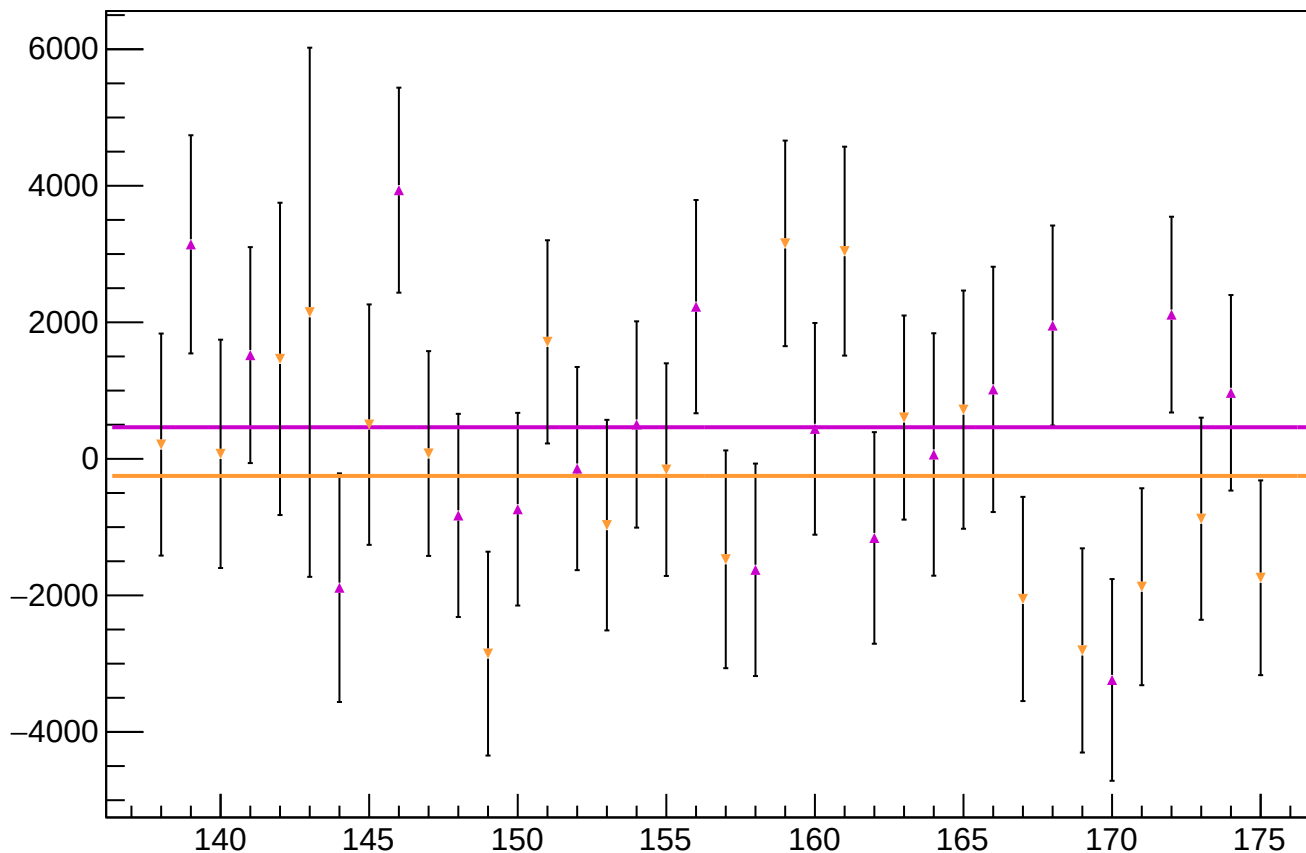
Left In: 347.097+/-0.067 χ^2/NDF :1323592.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.615+/-0.047 χ^2/NDF : 3633164.1/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -249.904+/-356.850 χ^2/NDF : 24.2/19

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

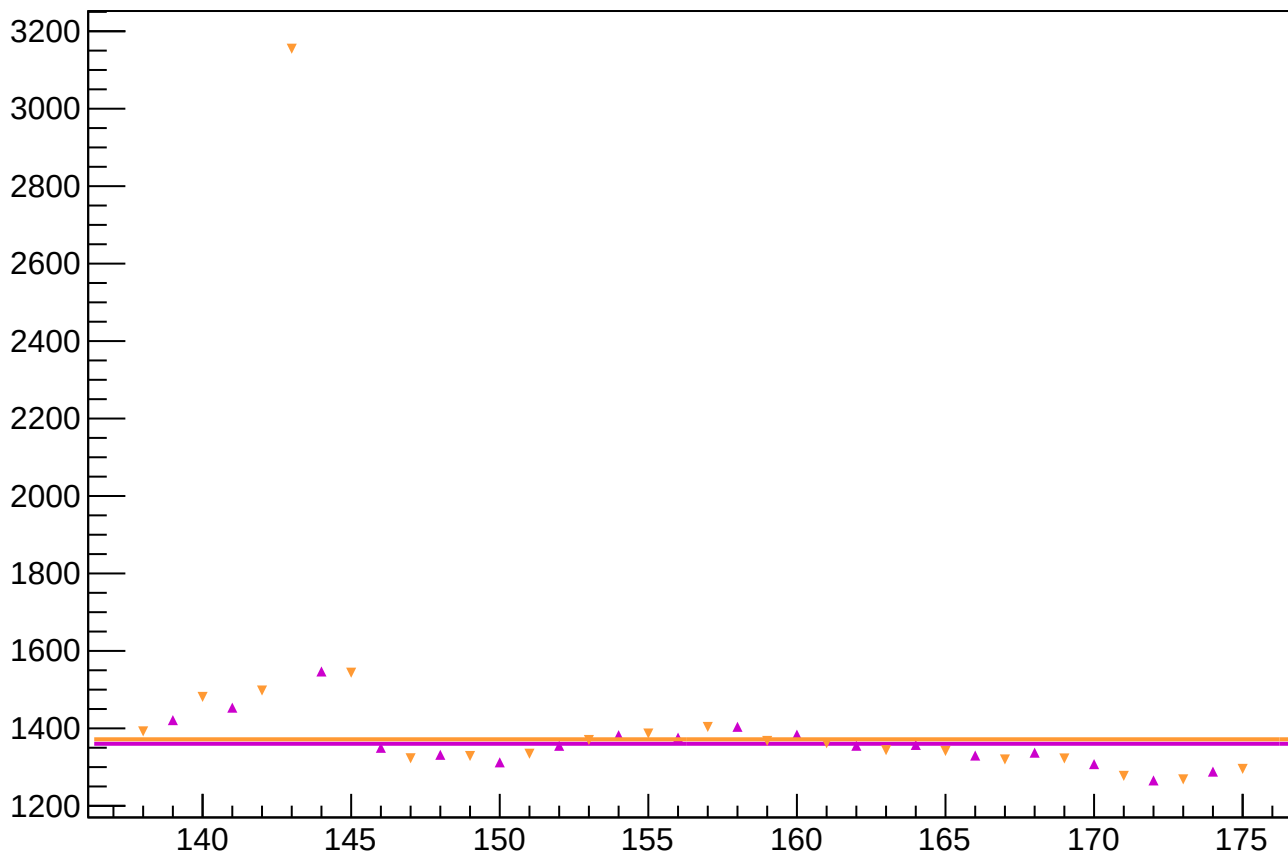
Left In: 463.079+/-362.380 χ^2/NDF : 25.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.106+/-254.264 χ^2/NDF : 51.4/37

- 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: 1371.857+/-0.252 χ^2/NDF :493500.4/19

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

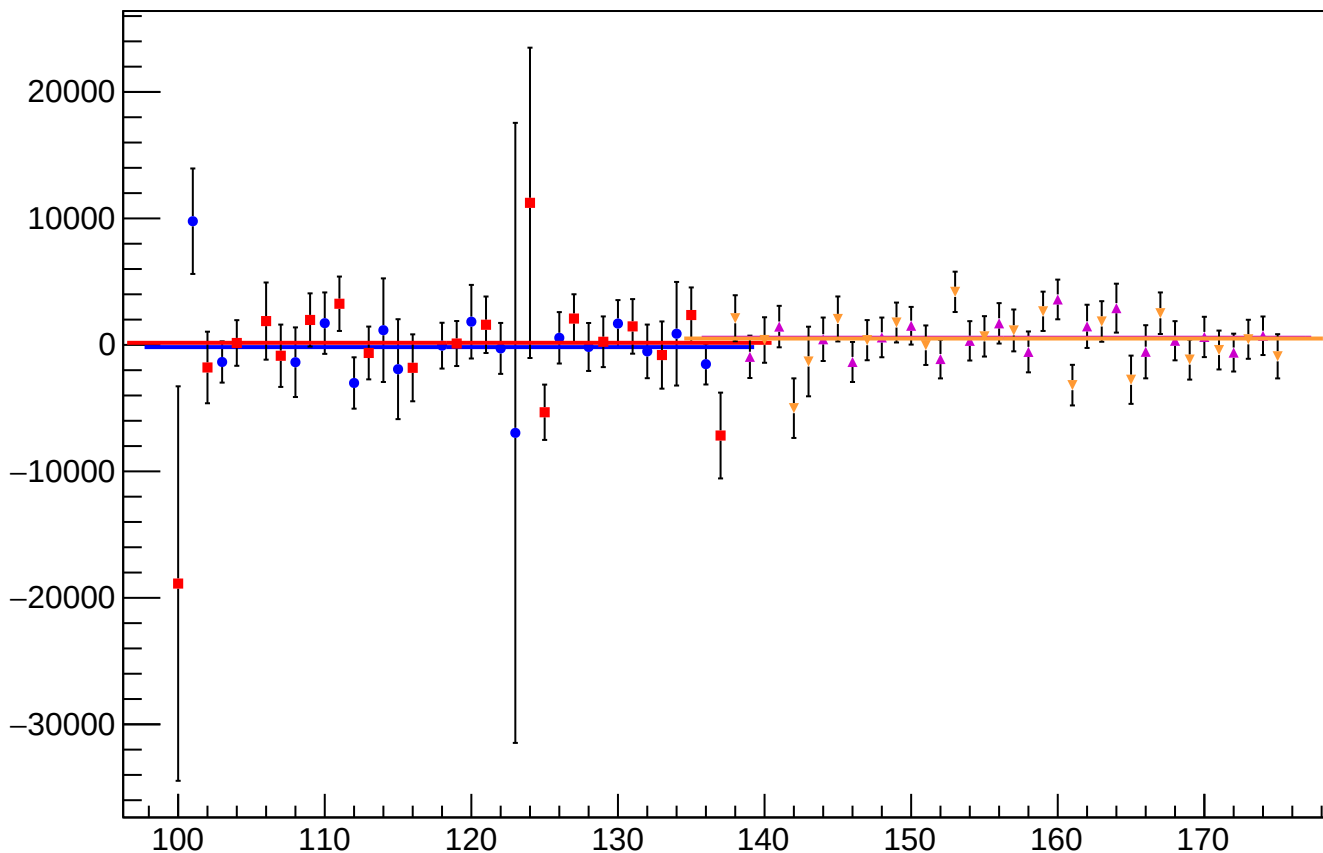
Left In: 1360.240+/-0.256 χ^2/NDF :57949.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.138+/-0.180 χ^2/NDF : 552493.3/37

- 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: 503.705 ± 377.851 χ^2/NDF : 28.1/19

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

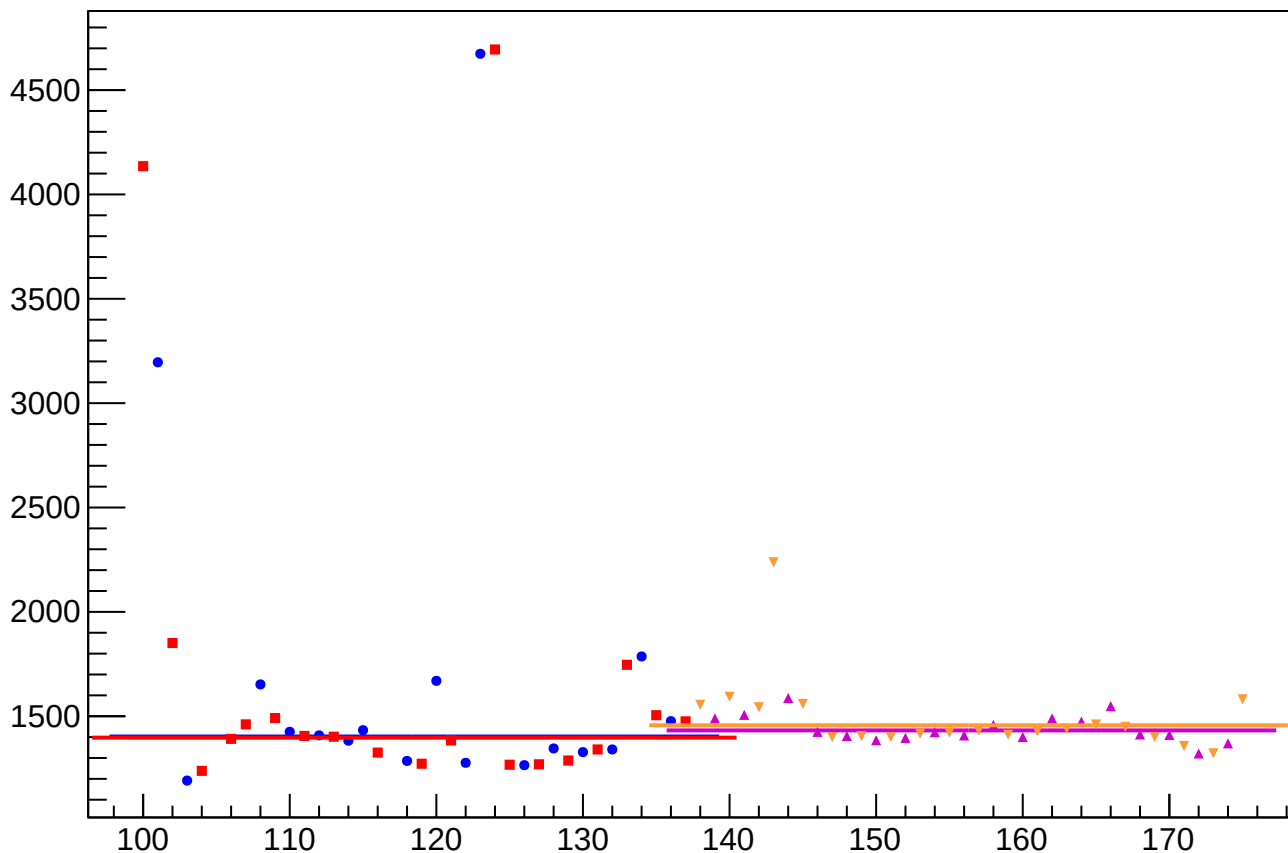
Left In: 566.886 ± 381.665 χ^2/NDF : 11.6/17

+ sign 288.622 ± 312.276 χ^2/NDF : 40.9/36

All: 360.954 ± 220.607 χ^2/NDF : 73.6/73

- sign 433.017 ± 311.695 χ^2/NDF : 32.6/36

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1456.574 $\pm$ 0.267 χ^2 /NDF: 236585.1/19

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

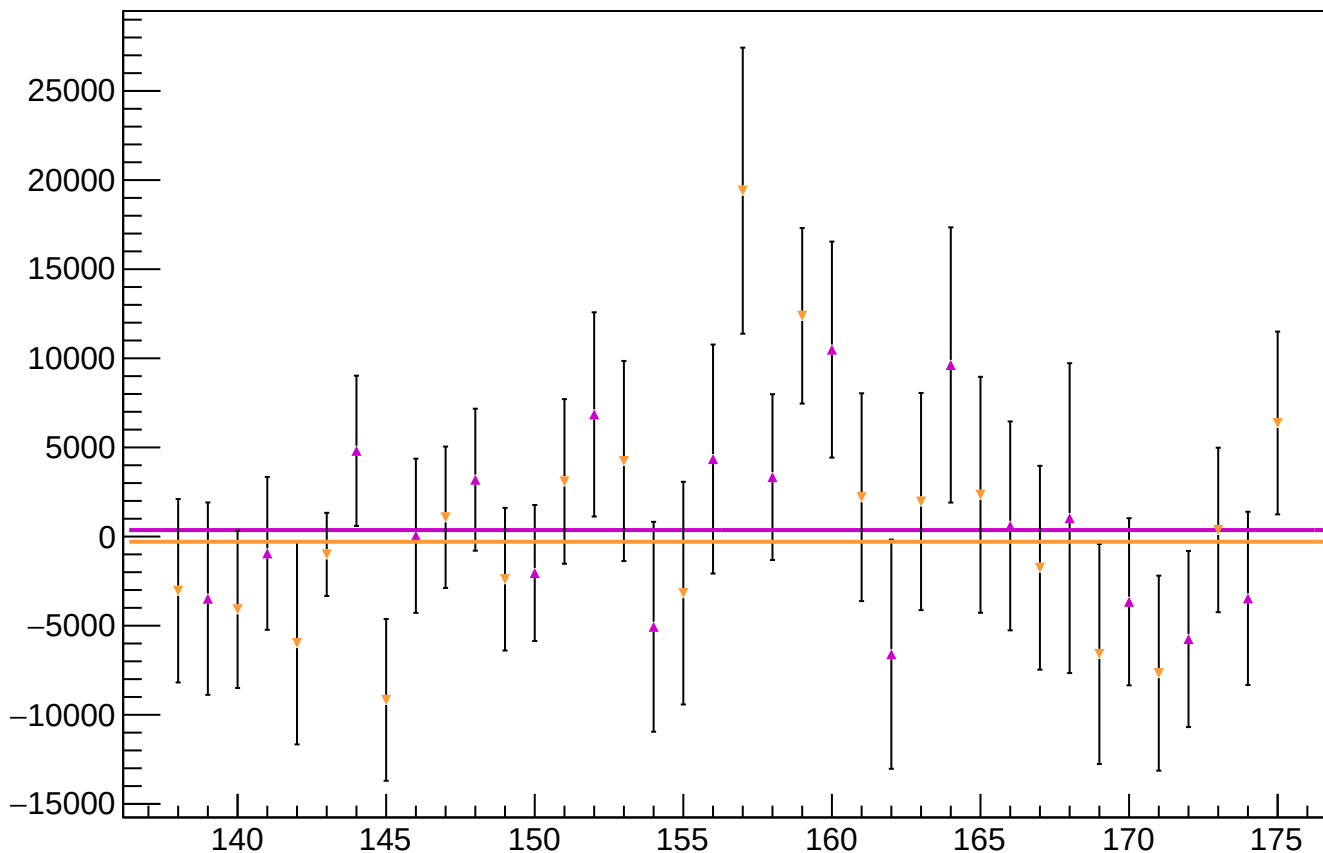
Left In: 1432.165 $\pm$ 0.270 χ^2 /NDF: 52692.6/17

+ sign 1439.500 $\pm$ 0.221 χ^2 /NDF: 775795.2/36

All: 1430.027 $\pm$ 0.156 χ^2 /NDF: 1191044.5/73

- sign 1420.592 $\pm$ 0.220 χ^2 /NDF: 411575.5/36

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -290.268+/-1057.791 χ^2/NDF : 25.5/19

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

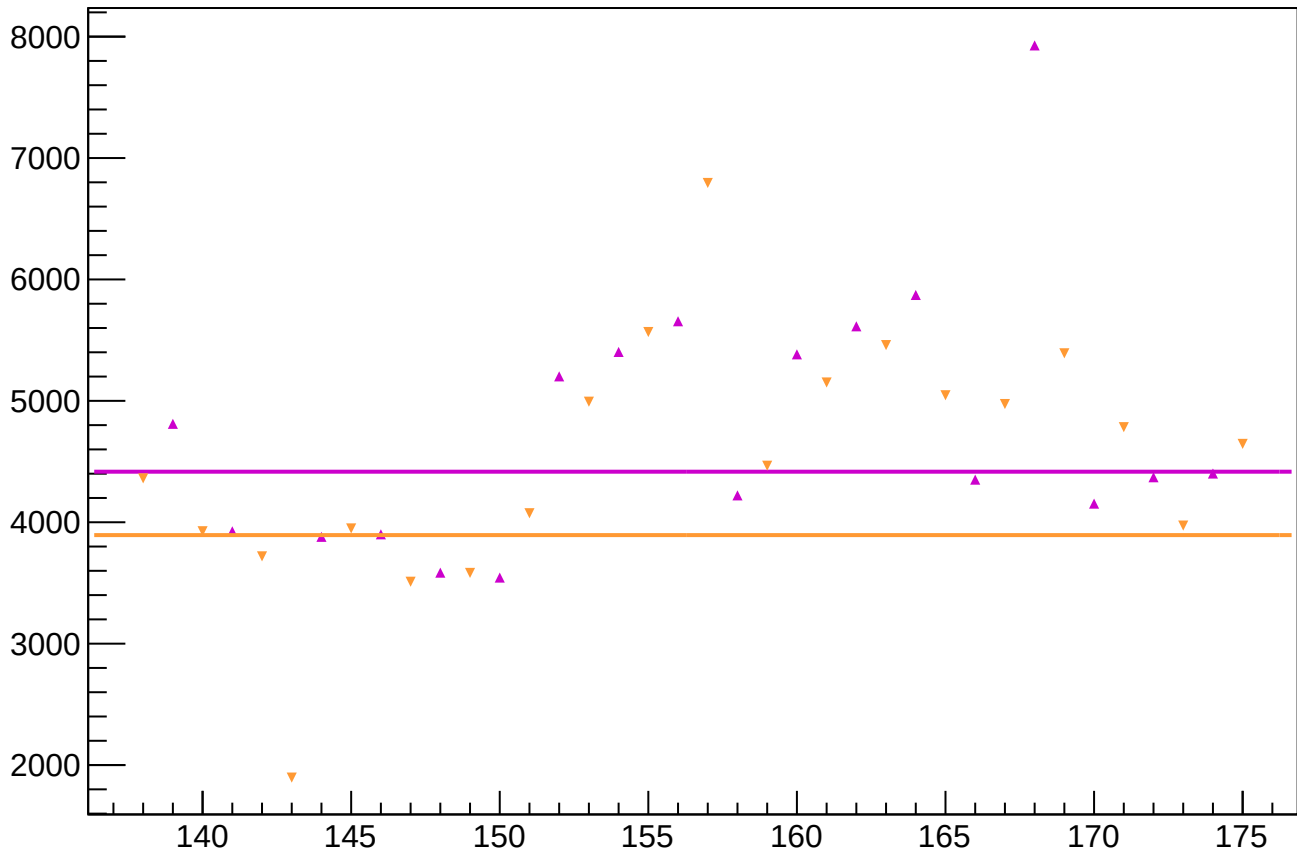
Left In: 365.283+/-1195.885 χ^2/NDF : 13.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.511+/-792.317 χ^2/NDF : 39.5/37

- 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: 3894.189+/-0.748 χ^2/NDF : 2598556.6/19

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

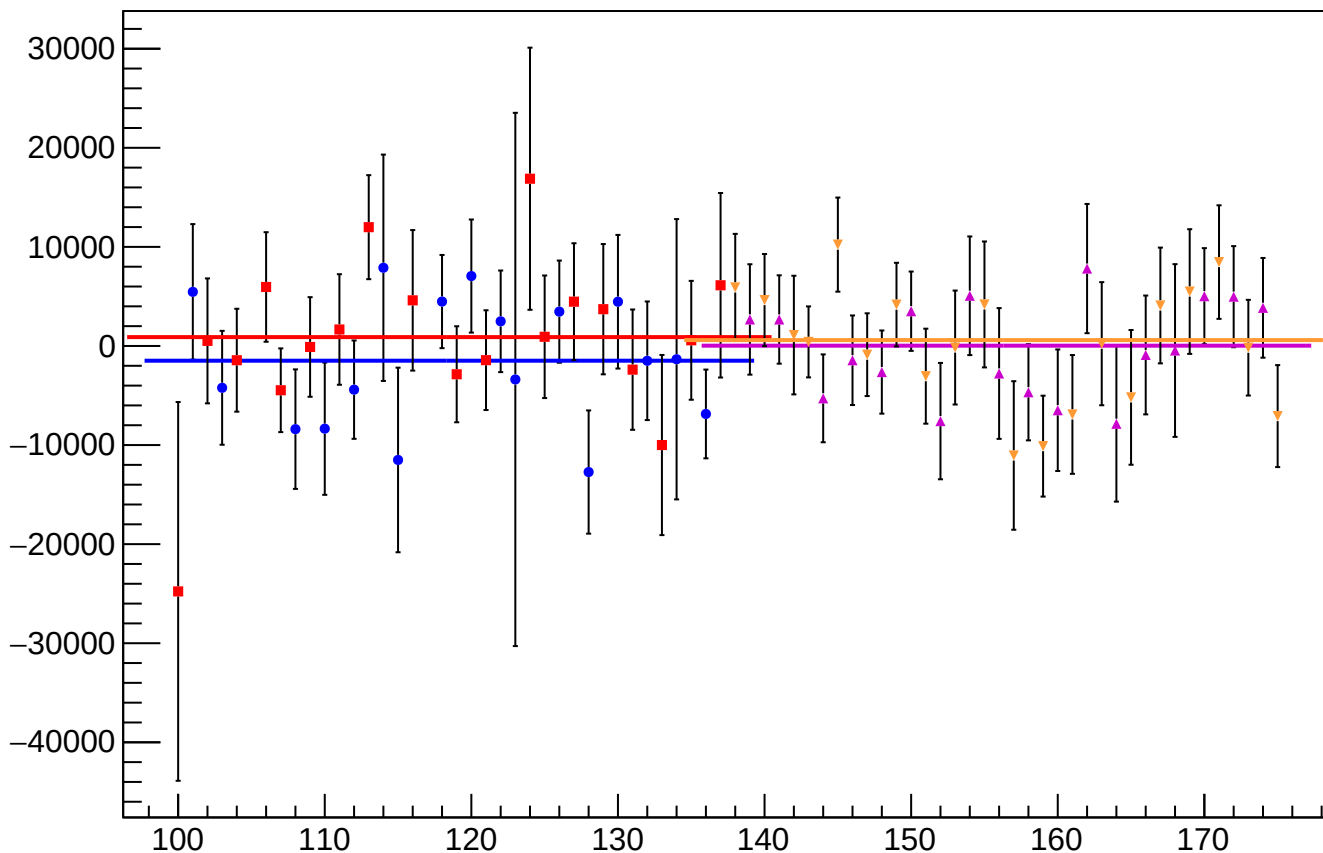
Left In: 4416.462+/-0.846 χ^2/NDF : 985410.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4123.443+/-0.560 χ^2/NDF : 3797982.8/37

- 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: 593.476 ± 1162.494 χ^2/NDF : 21.8/19

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

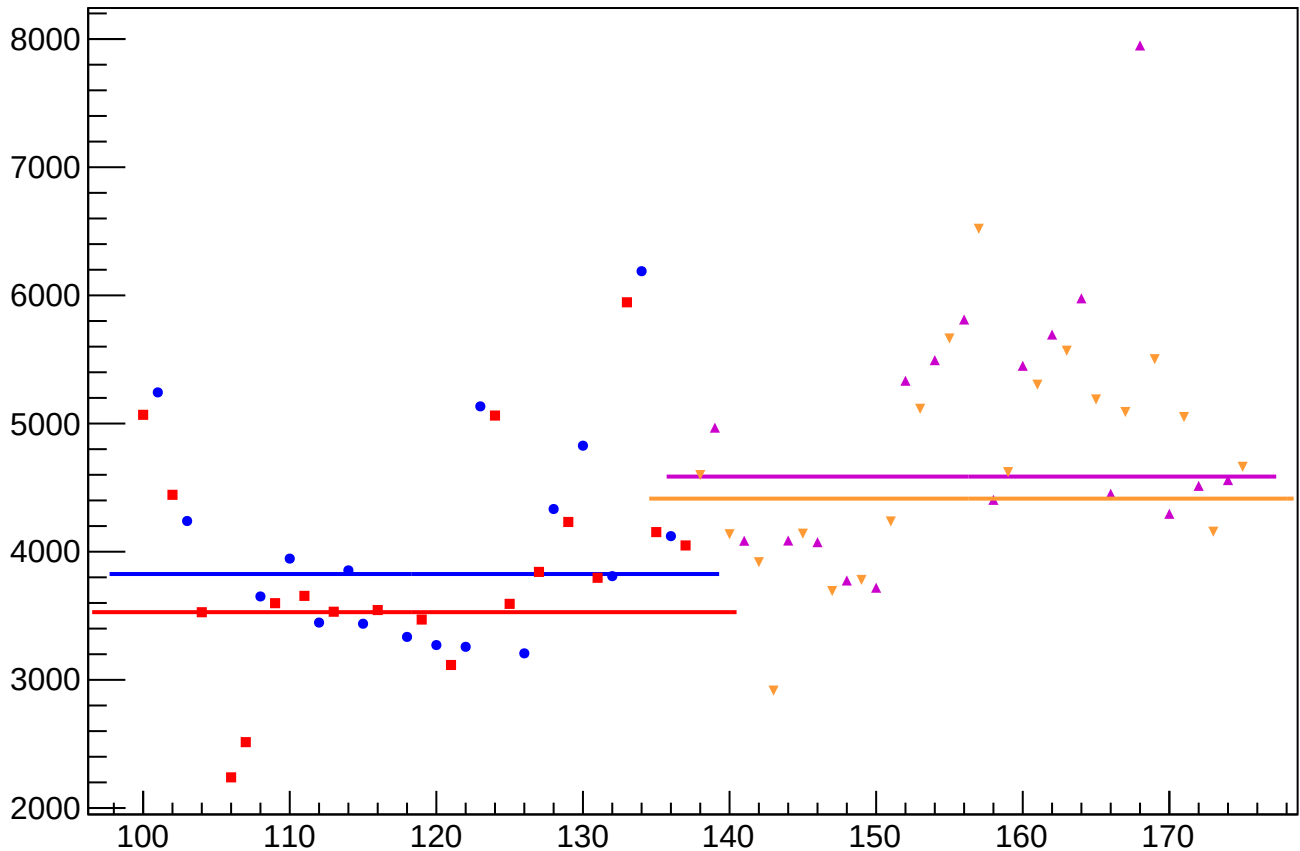
Left In: 30.333 ± 1238.960 χ^2/NDF : 12.9/17

+ sign -187.795 ± 918.651 χ^2/NDF : 39.7/36

All: 113.235 ± 650.623 χ^2/NDF : 67.2/73

- sign 416.198 ± 921.595 χ^2/NDF : 27.3/36

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4414.195+/-0.822 χ^2/NDF : 1015827.1/19

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

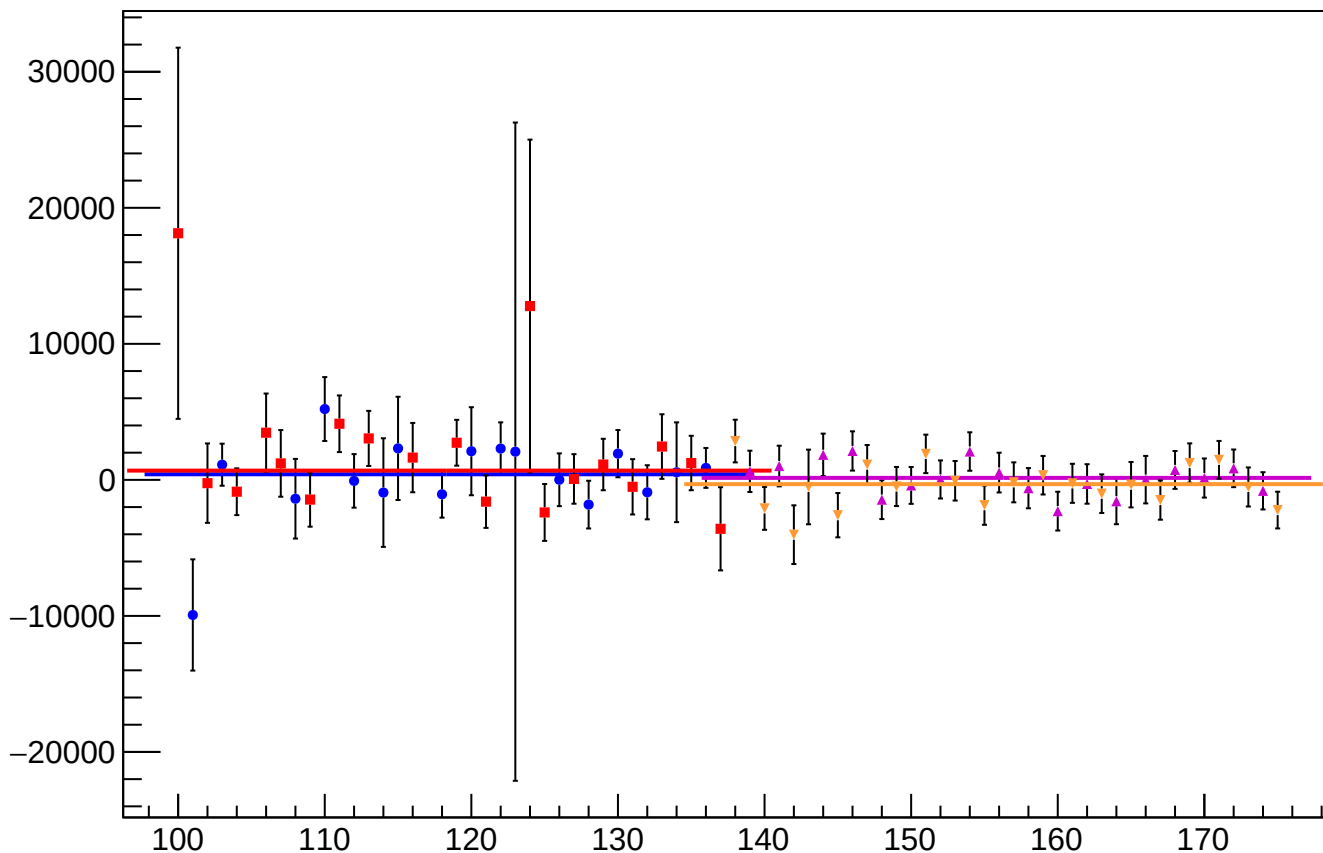
Left In: 4586.138+/-0.876 χ^2/NDF : 870984.9/17

+ sign 4193.251+/-0.650 χ^2/NDF : 1542614.3/36

All: 4151.001+/-0.459 χ^2/NDF : 3635340.2/73

- sign 4108.825+/-0.649 χ^2/NDF : 2084272.3/36

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: -313.916 $\pm$ 337.791 χ^2 /NDF: 20.9/19

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

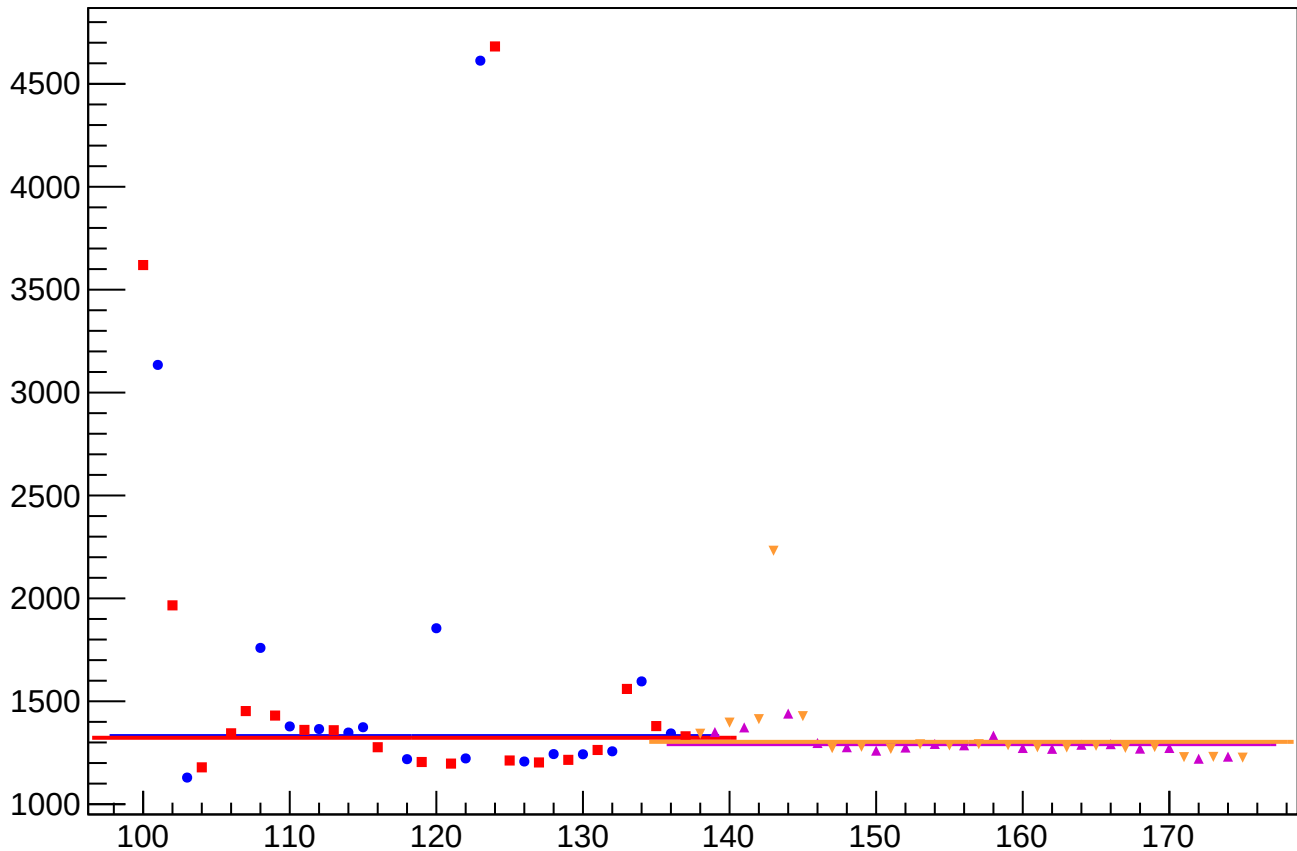
Left In: 146.557 $\pm$ 344.080 χ^2 /NDF: 12.1/17

+ sign -103.251 $\pm$ 284.540 χ^2 /NDF: 38.8/36

All: 104.845 $\pm$ 201.458 χ^2 /NDF: 70.8/73

- sign 314.009 $\pm$ 285.269 χ^2 /NDF: 30.9/36

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1302.914 $\pm$ 0.239 χ^2 /NDF: 278281.6/19

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

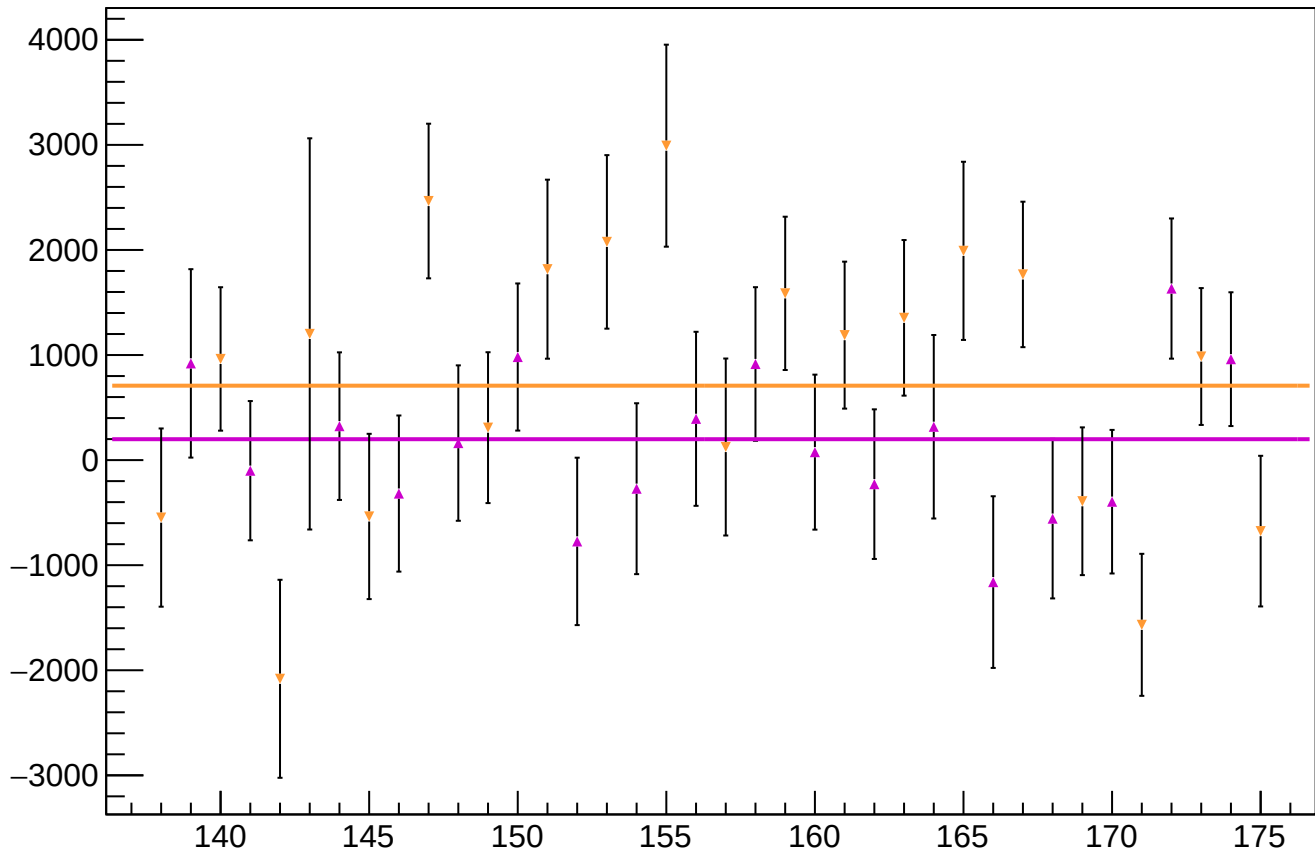
Left In: 1291.715 $\pm$ 0.243 χ^2 /NDF: 41105.9/17

+ sign 1311.039 $\pm$ 0.201 χ^2 /NDF: 885740.2/36

All: 1306.234 $\pm$ 0.142 χ^2 /NDF: 1327475.6/73

- sign 1301.404 $\pm$ 0.202 χ^2 /NDF: 440591.7/36

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 708.348+/-172.944 χ^2/NDF : 55.3/19

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

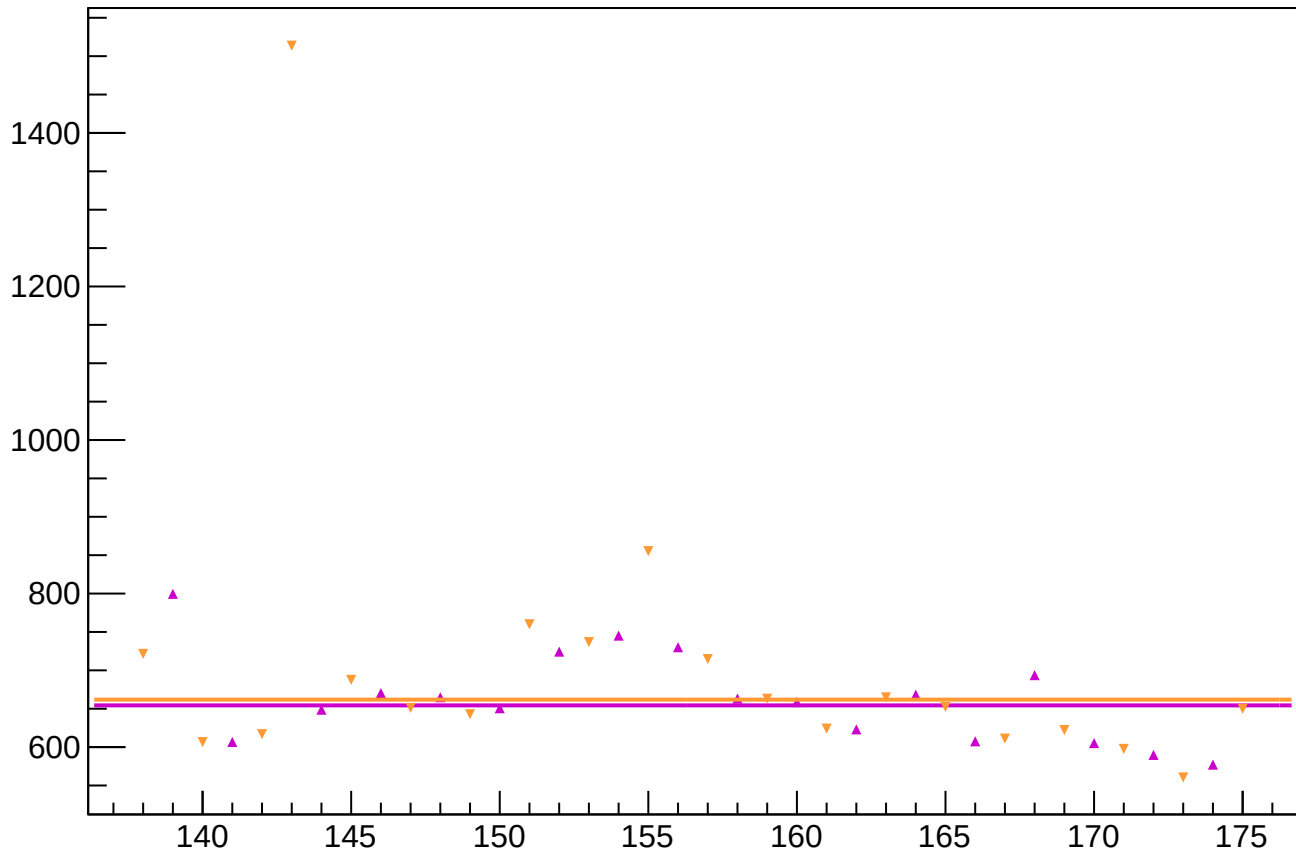
Left In: 198.948+/-174.454 χ^2/NDF : 16.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.861+/-122.820 χ^2/NDF : 76.0/37

- 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 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 661.858 $\pm$ 0.122 χ^2/NDF :672406.1/19

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

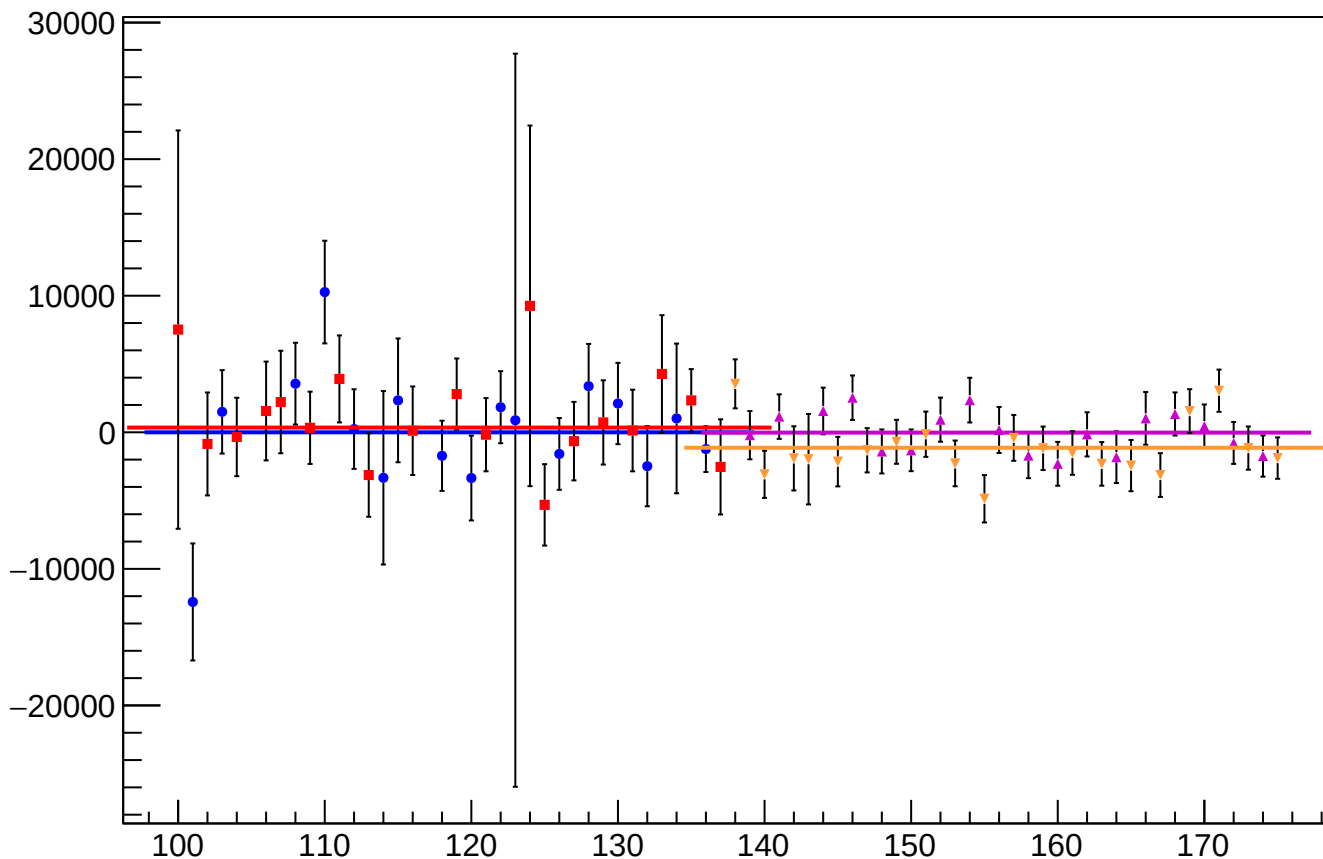
Left In: 654.342 $\pm$ 0.123 χ^2/NDF :196580.1/17

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

All: 658.133 $\pm$ 0.087 χ^2/NDF : 870858.9/37

- sign 0.000 $\pm$ 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: -1131.327 ± 380.945 χ^2/NDF : 27.3/19

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

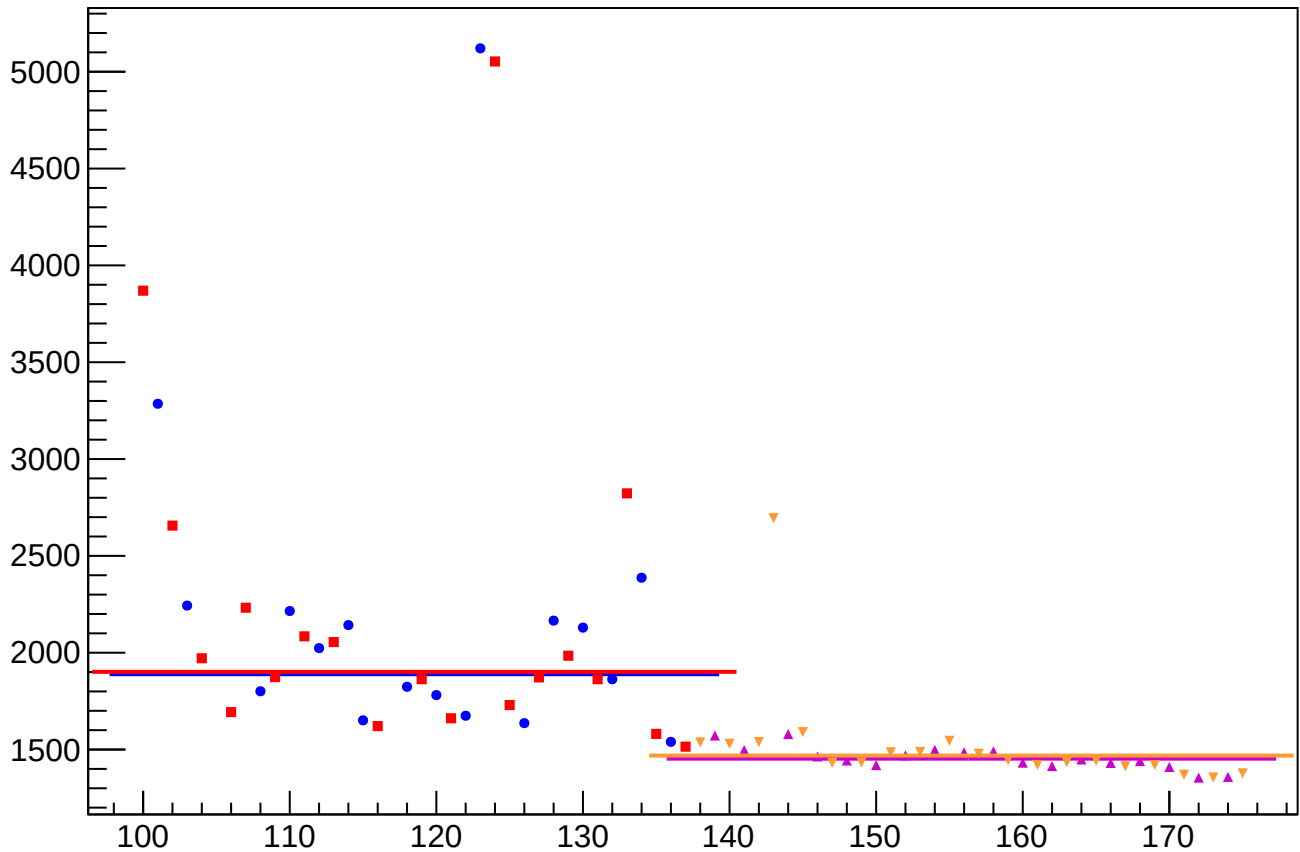
Left In: -22.727 ± 386.869 χ^2/NDF : 14.4/17

+ sign -897.324 ± 339.182 χ^2/NDF : 52.6/36

All: -424.259 ± 240.902 χ^2/NDF : 81.8/73

- sign 57.299 ± 342.213 χ^2/NDF : 25.3/36

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1468.778+/-0.269 χ^2/NDF : 330367.4/19

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

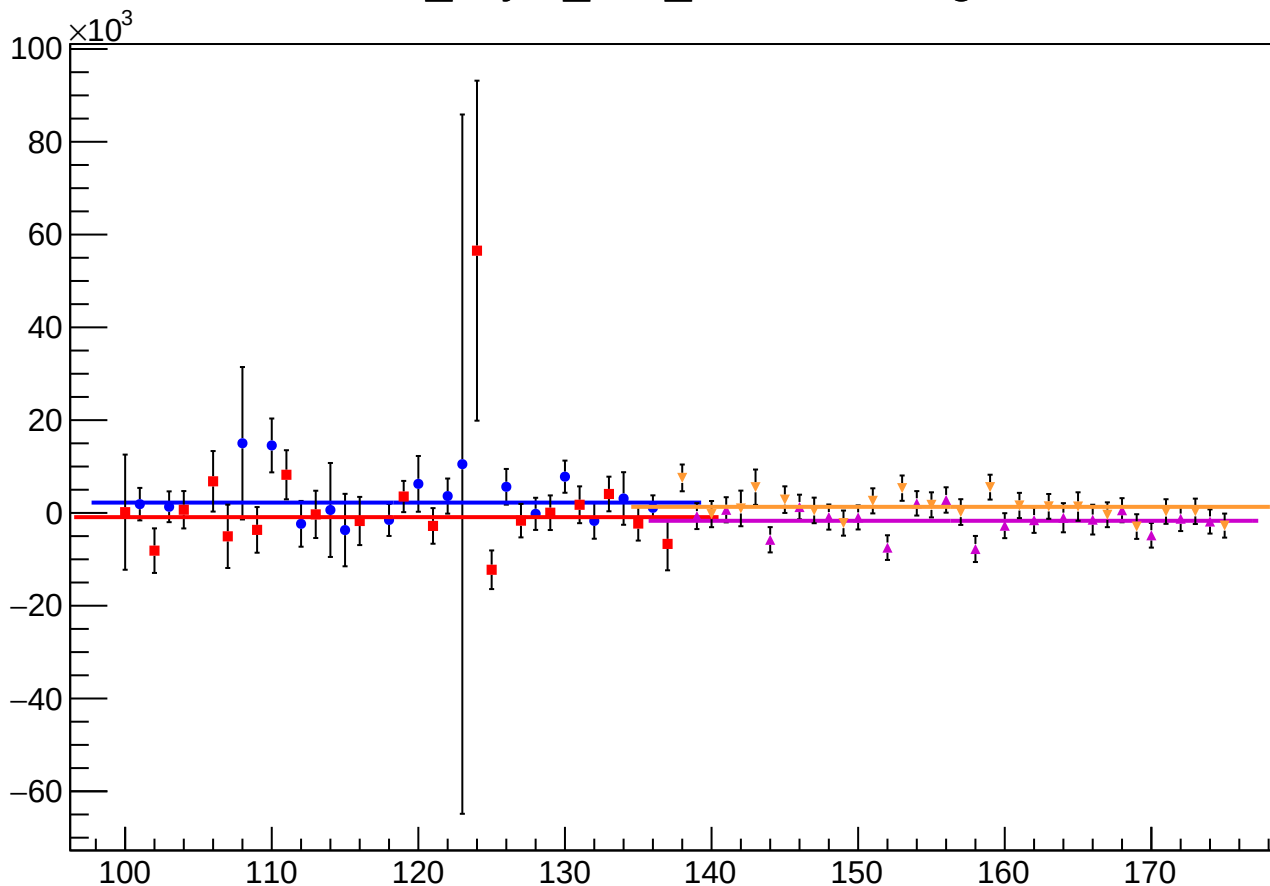
Left In: 1452.902+/-0.274 χ^2/NDF : 45622.9/17

+ sign 1555.828+/-0.240 χ^2/NDF : 1300123.3/36

All: 1553.156+/-0.170 χ^2/NDF : 2391763.3/73

- sign 1550.435+/-0.242 χ^2/NDF : 1091389.5/36

dit_asym_atl1_mean vs Slug



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

Left Out: 1310.619 $\pm$ 627.925 χ^2 /NDF:19.1/19

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

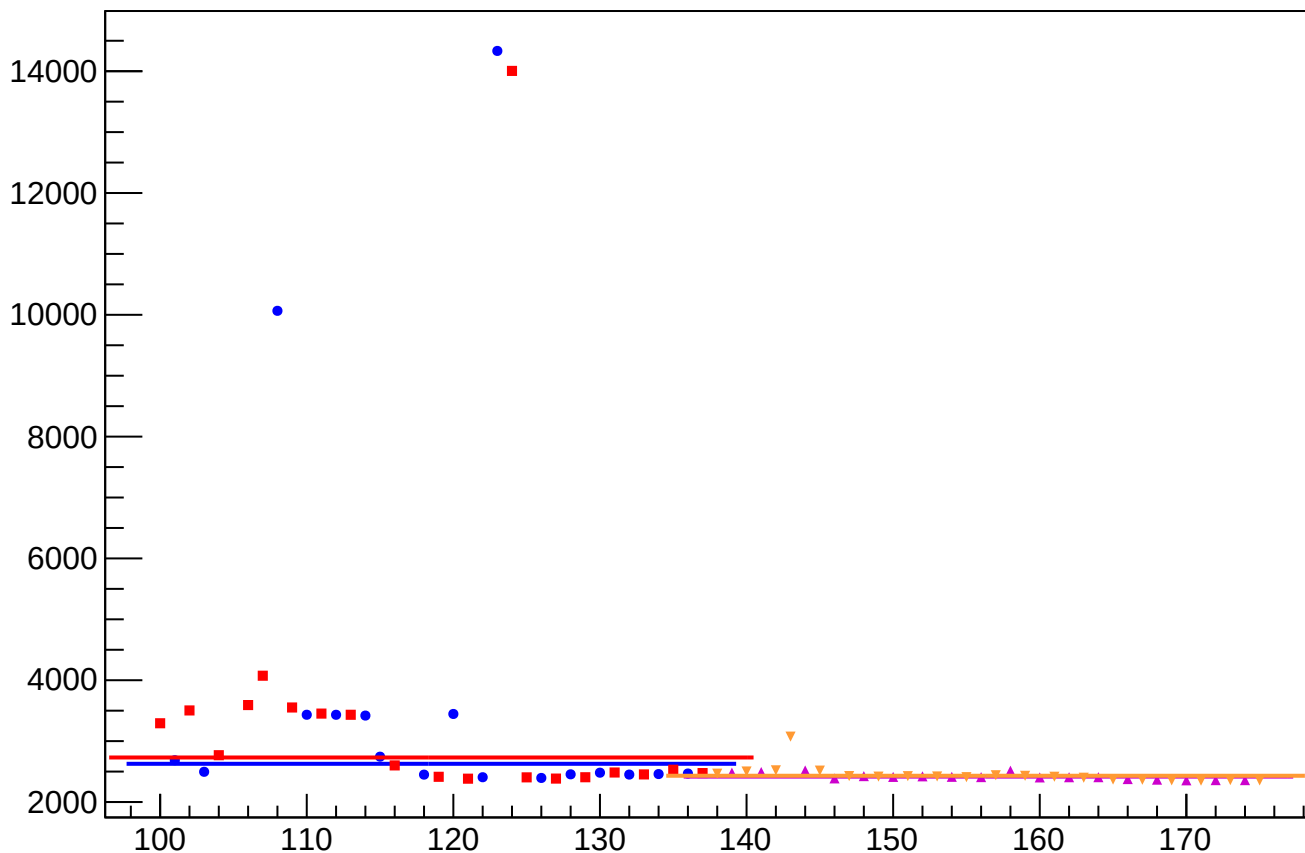
Left In: -1695.569 $\pm$ 643.261 χ^2 /NDF:21.1/17

+ sign 1555.818 $\pm$ 537.446 χ^2 /NDF: 33.2/36

All: 67.767 $\pm$ 383.731 χ^2 /NDF: 93.2/73

- sign -1479.670 $\pm$ 548.065 χ^2 /NDF: 44.4/36

dit_asym_atl1_rms vs Slug



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

Left Out: 2431.404+/-0.444 χ^2/NDF : 70419.6/19

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

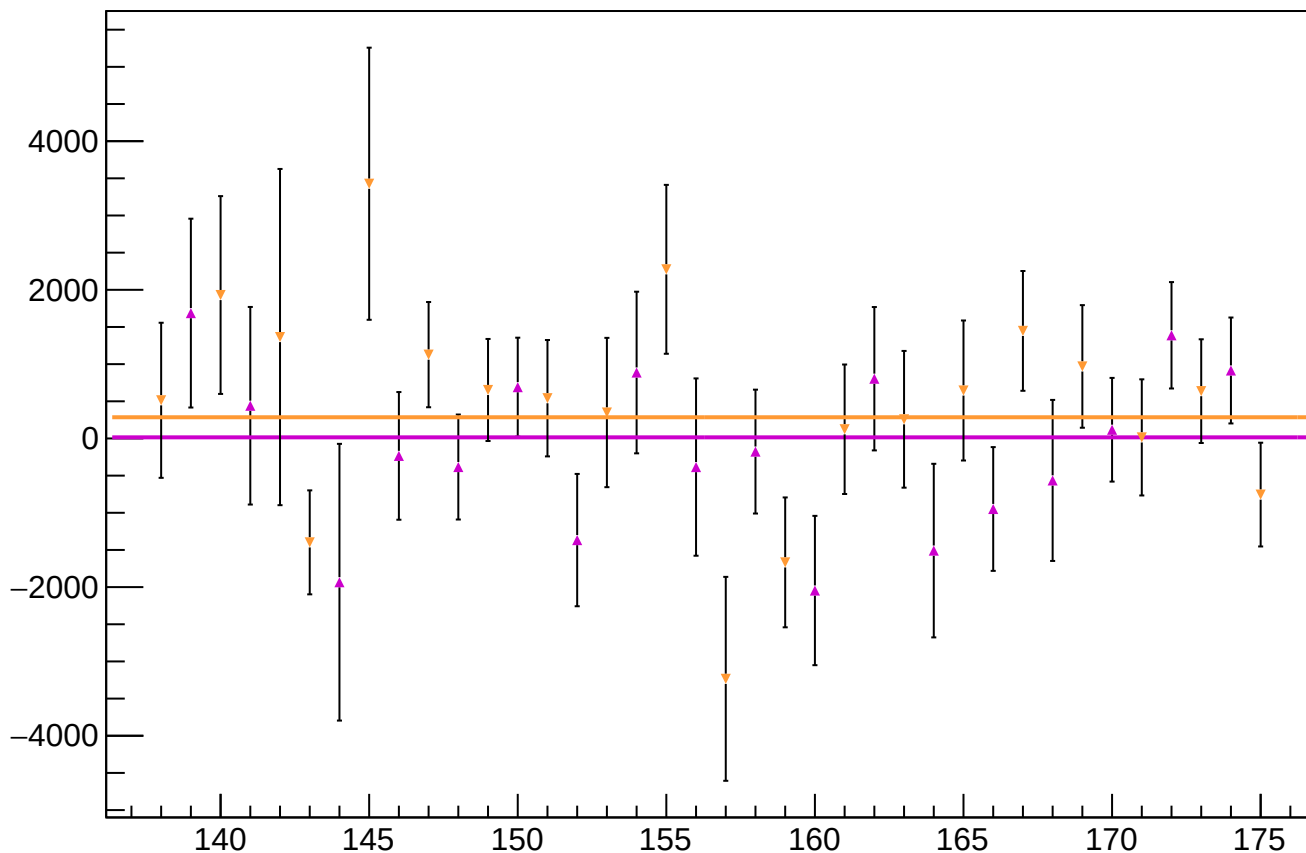
Left In: 2417.092+/-0.455 χ^2/NDF : 12157.1/17

+ sign 2483.863+/-0.380 χ^2/NDF : 767015.0/36

All: 2493.343+/-0.271 χ^2/NDF : 1509410.9/73

- sign 2503.201+/-0.388 χ^2/NDF : 741126.6/36

asym_atl1_correction_mean vs Slug



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

Left Out: 285.291+/-197.042 χ^2/NDF : 32.5/19

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

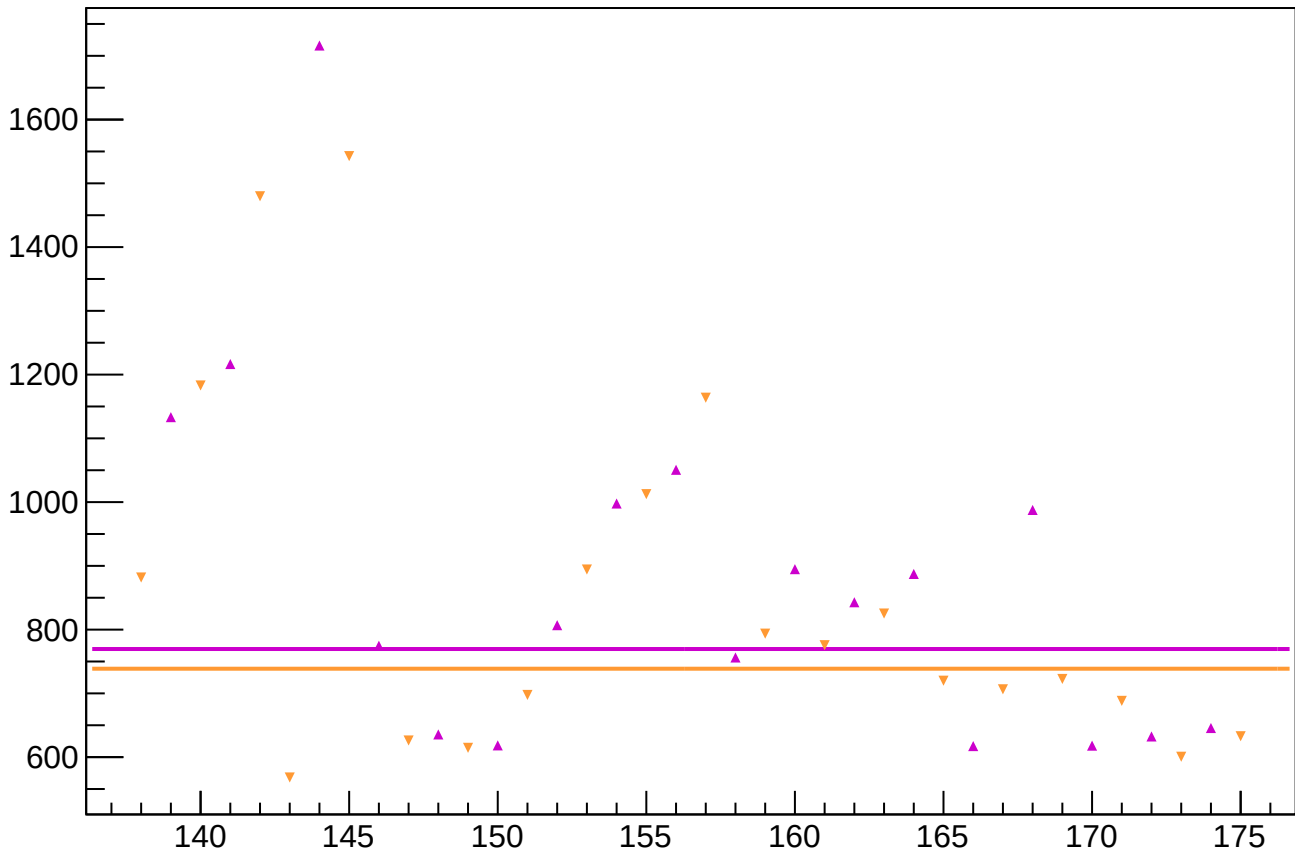
Left In: 15.071+/-211.237 χ^2/NDF : 21.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.565+/-144.087 χ^2/NDF : 54.5/37

- 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: 738.692+/-0.139 χ^2/NDF :1624162.8/19

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

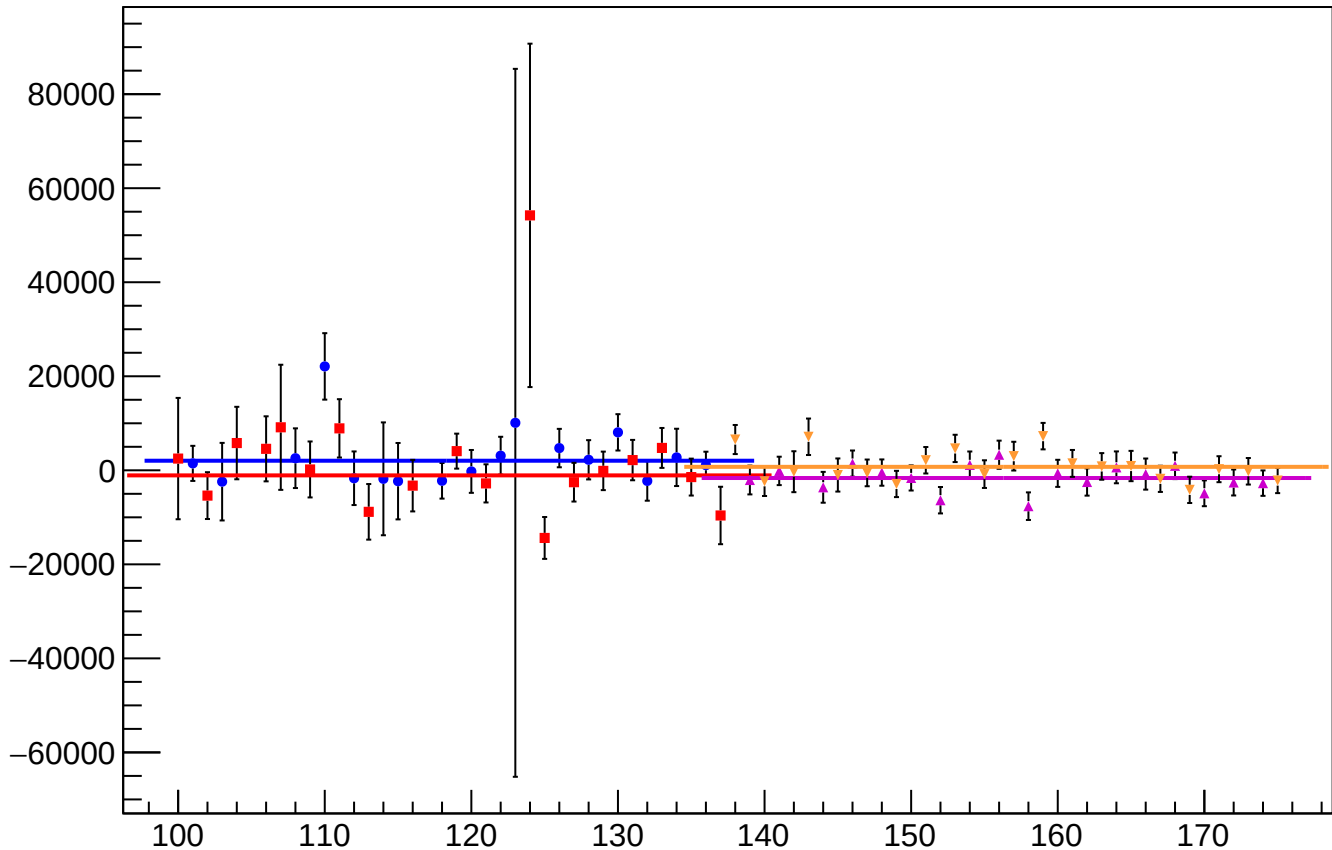
Left In: 769.584+/-0.149 χ^2/NDF :1724833.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 753.065+/-0.102 χ^2/NDF : 3371868.7/37

- 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: 737.344+/-666.922 χ^2/NDF : 23.0/19

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

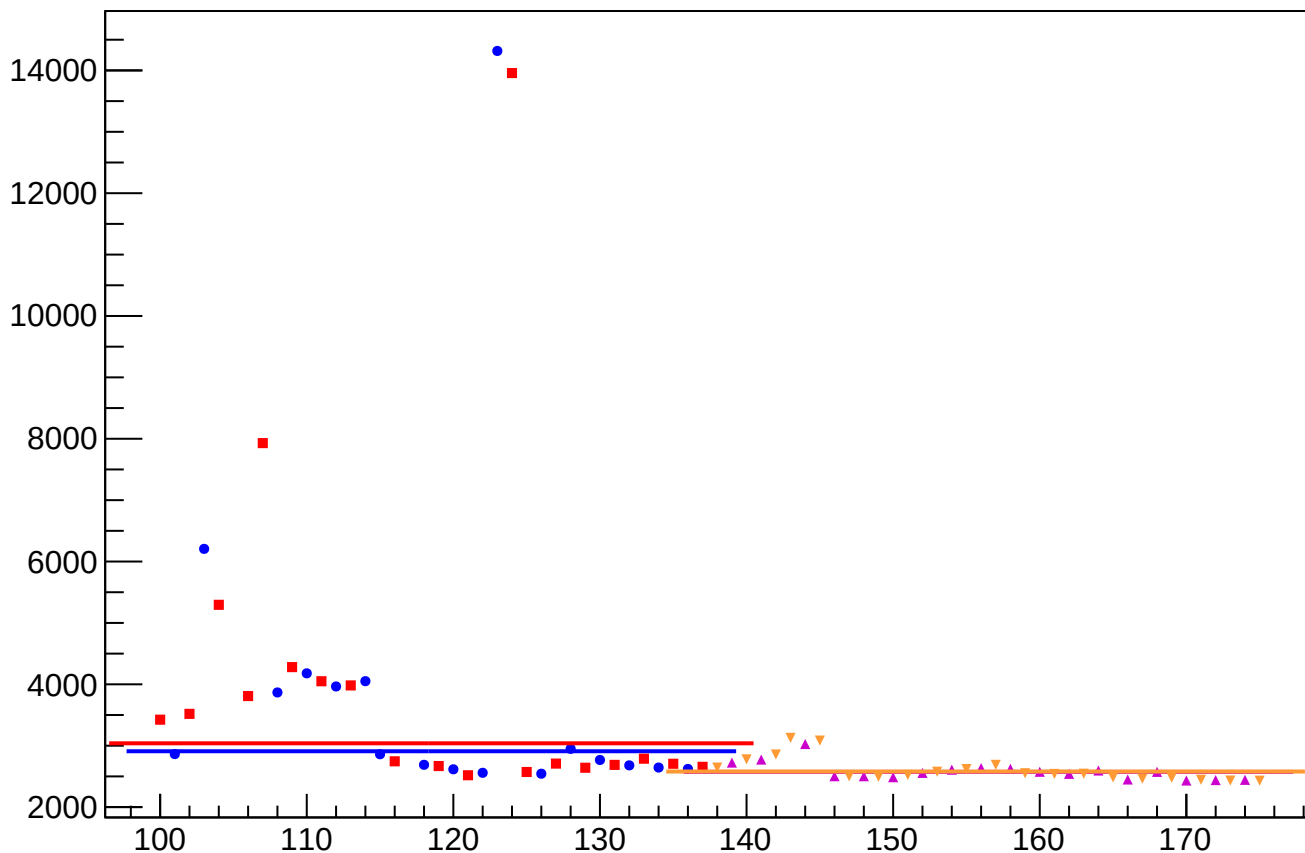
Left In: -1639.892+/-685.555 χ^2/NDF : 16.0/17

+ sign 1064.035+/-577.104 χ^2/NDF : 38.8/36

All: -181.741+/-413.788 χ^2/NDF : 89.8/73

- sign -1499.817+/-593.614 χ^2/NDF : 41.4/36

asym_atl1_rms vs Slug



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

Left Out: 2579.497+/-0.472 χ^2/NDF :130053.2/19

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

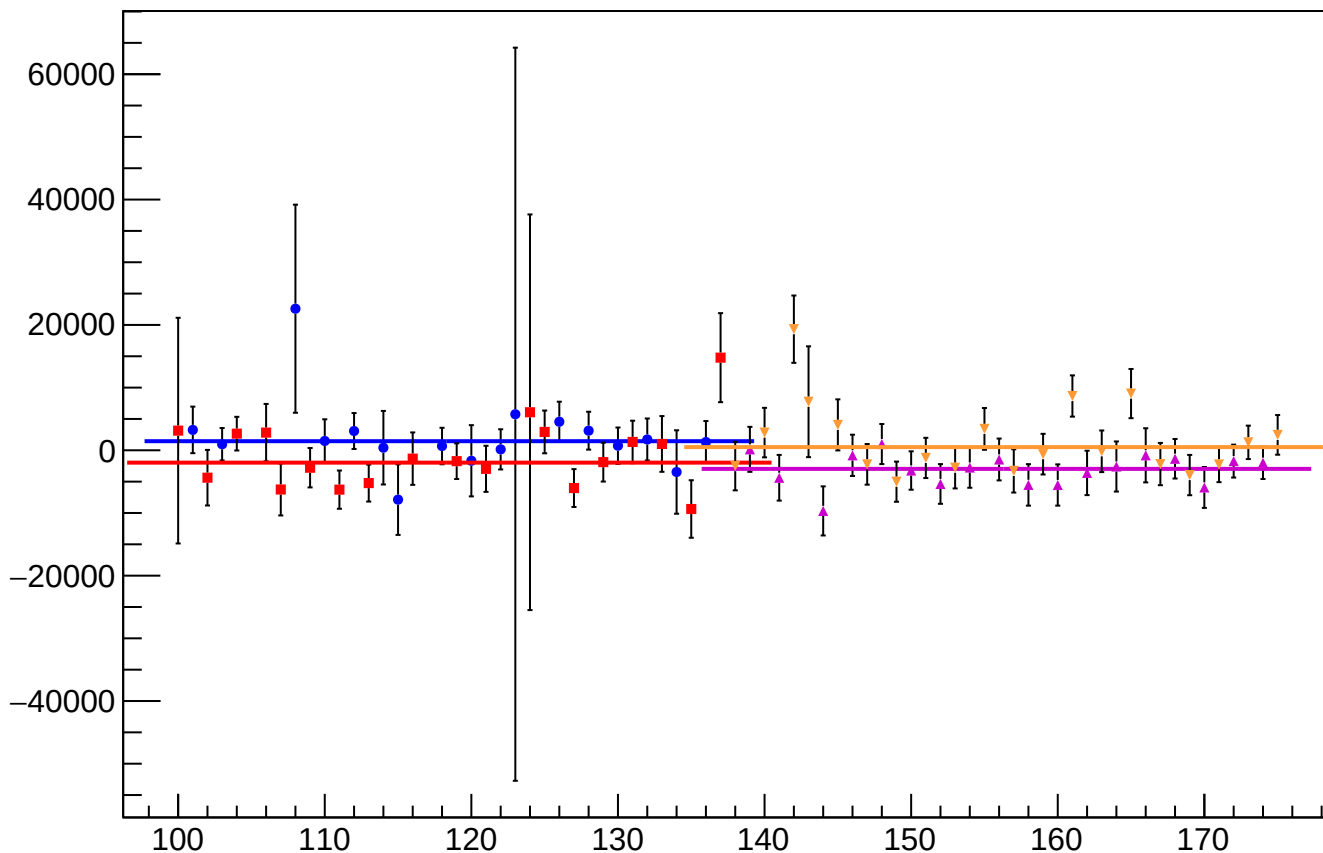
Left In: 2572.877+/-0.485 χ^2/NDF :76211.1/17

+ sign 2662.456+/-0.408 χ^2/NDF : 895136.0/36

All: 2675.620+/-0.293 χ^2/NDF : 2216277.5/73

- sign 2689.548+/-0.420 χ^2/NDF : 1318999.9/36

dit_asym_atl2_mean vs Slug



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

Left Out: 510.990 $\pm$ 769.878 χ^2 /NDF:36.6/19

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

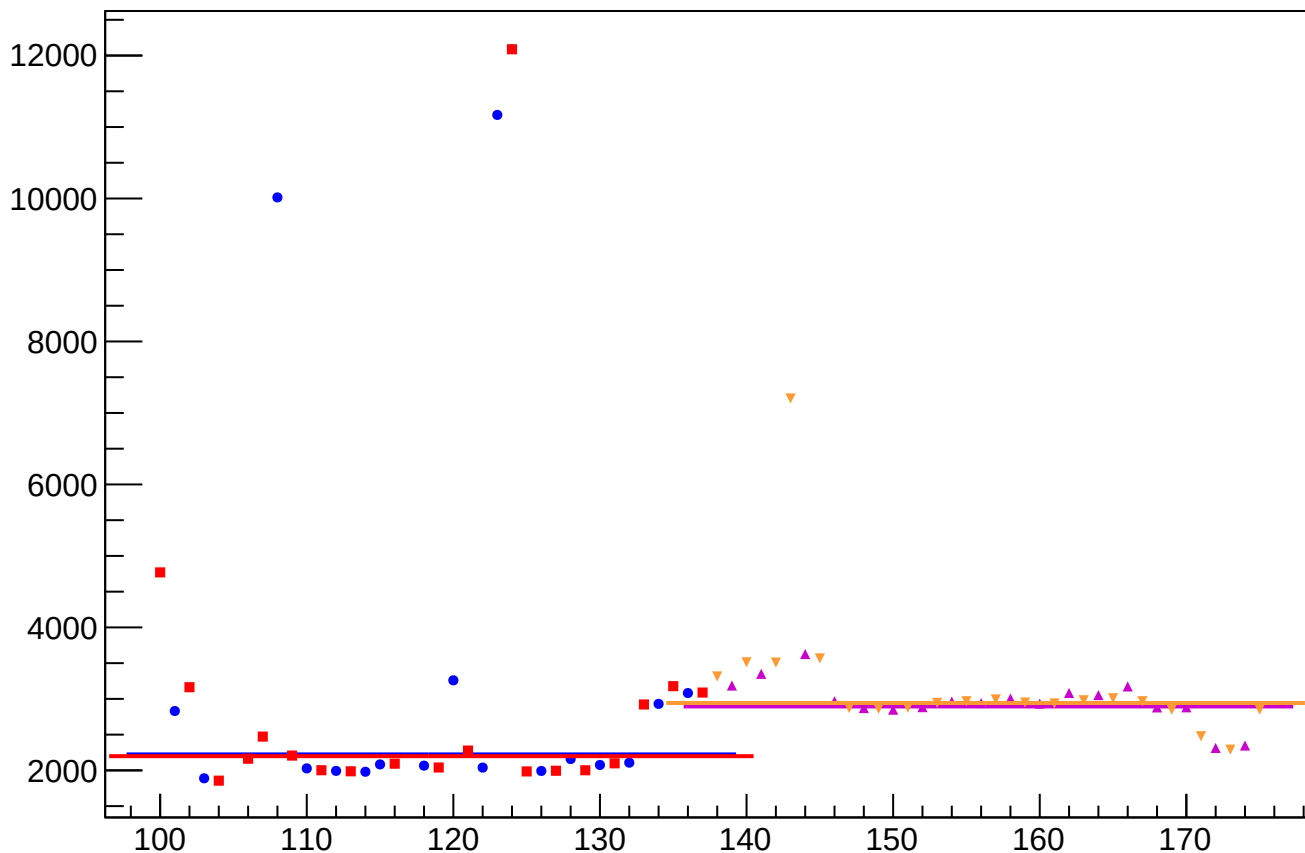
Left In: -2964.985 $\pm$ 774.155 χ^2 /NDF:9.5/17

+ sign 914.255 $\pm$ 581.981 χ^2 /NDF: 44.6/36

All: -827.911 $\pm$ 408.129 χ^2 /NDF: 95.0/73

- sign -2513.769 $\pm$ 572.499 χ^2 /NDF: 32.7/36

dit_asym_atl2_rms vs Slug



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

Left Out: 2942.408+/-0.544 χ^2/NDF : 775647.8/19

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

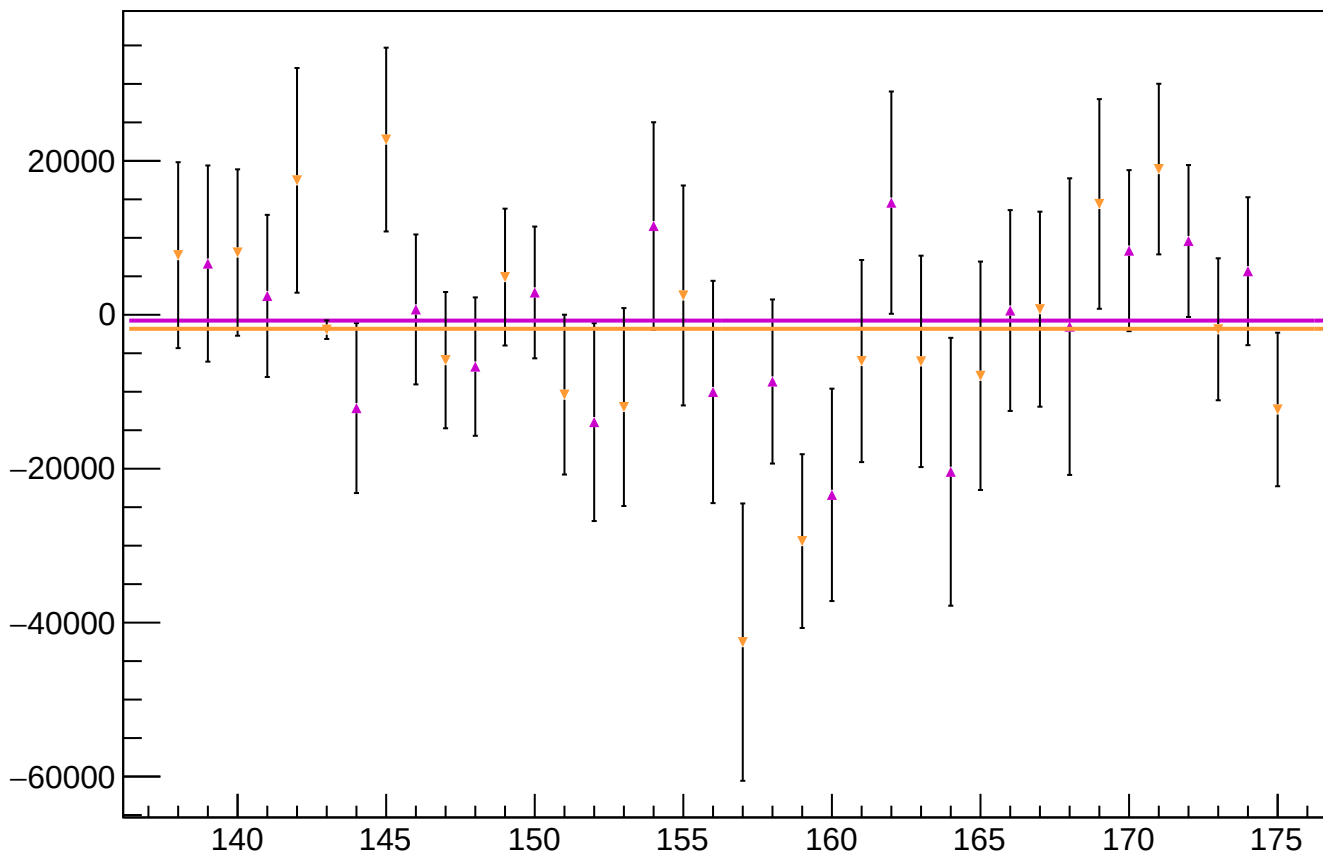
Left In: 2894.254+/-0.547 χ^2/NDF : 324345.7/17

+ sign 2634.159+/-0.412 χ^2/NDF : 2374081.4/36

All: 2606.048+/-0.289 χ^2/NDF : 4042032.0/73

- sign 2578.863+/-0.405 χ^2/NDF : 1658771.9/36

asym_atl2_correction_mean vs Slug



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

Left Out: -1820.266 $\pm$ 1100.713 χ^2 /NDF:27.1/19

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

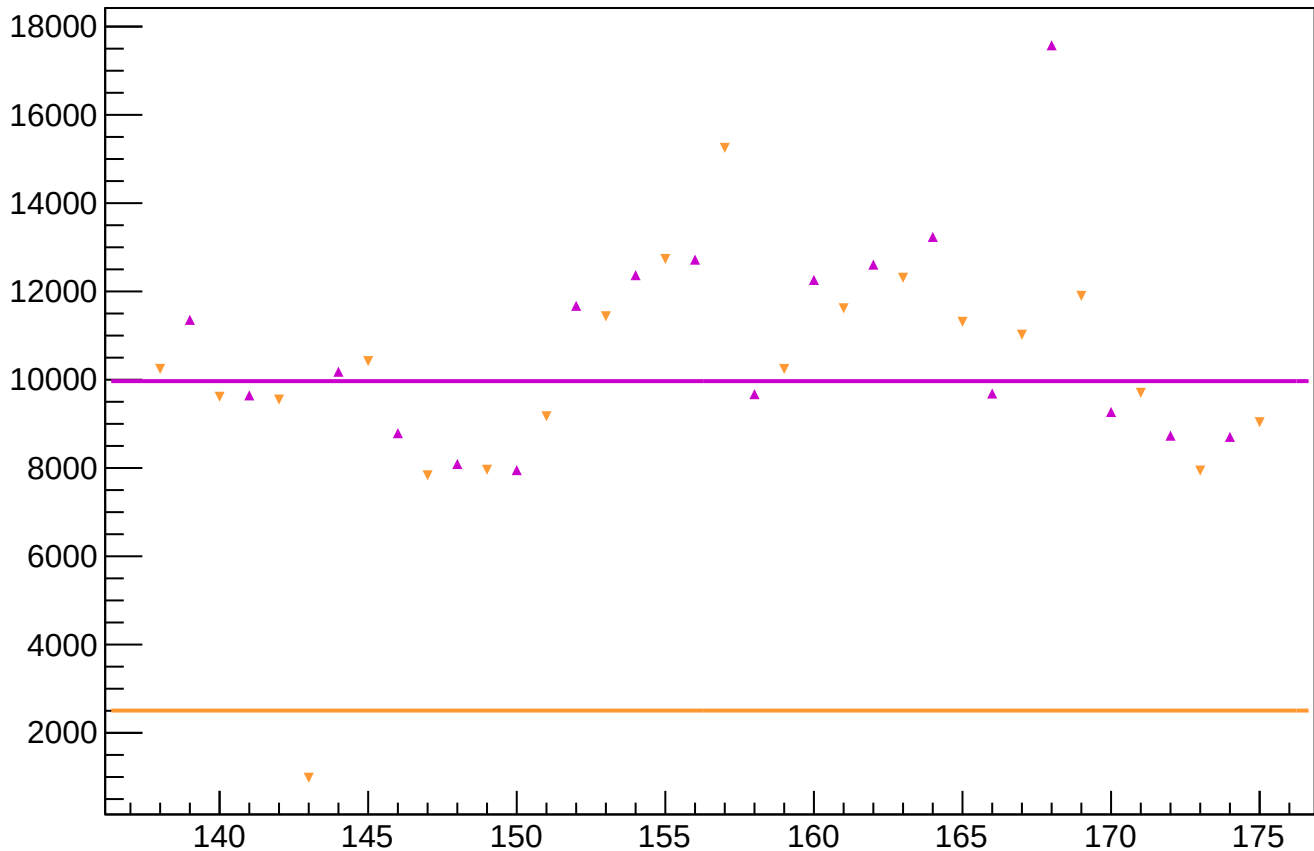
Left In: -753.364 $\pm$ 2699.751 χ^2 /NDF:12.4/17

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

All: -1668.196 $\pm$ 1019.255 χ^2 /NDF: 39.7/37

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

asym_atl2_correction_rms vs Slug



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

Left Out: 2504.868+/-0.778 χ^2/NDF :19370038.4/19

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

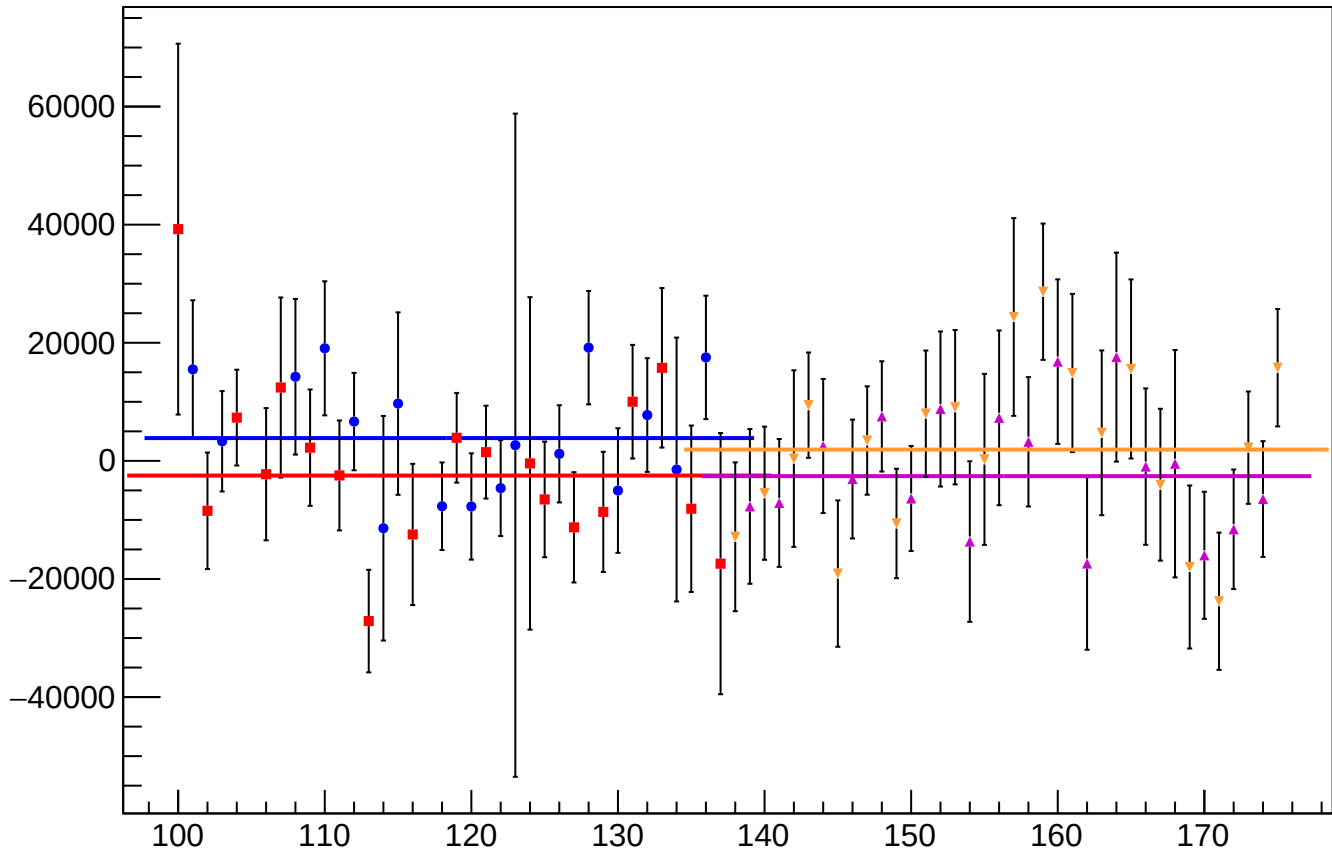
Left In: 9968.120+/-1.909 χ^2/NDF :1006480.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3568.635+/-0.721 χ^2/NDF : 33482086.6/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



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

Left Out: 1914.776+/-2611.580 χ^2/NDF : 26.0/19

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

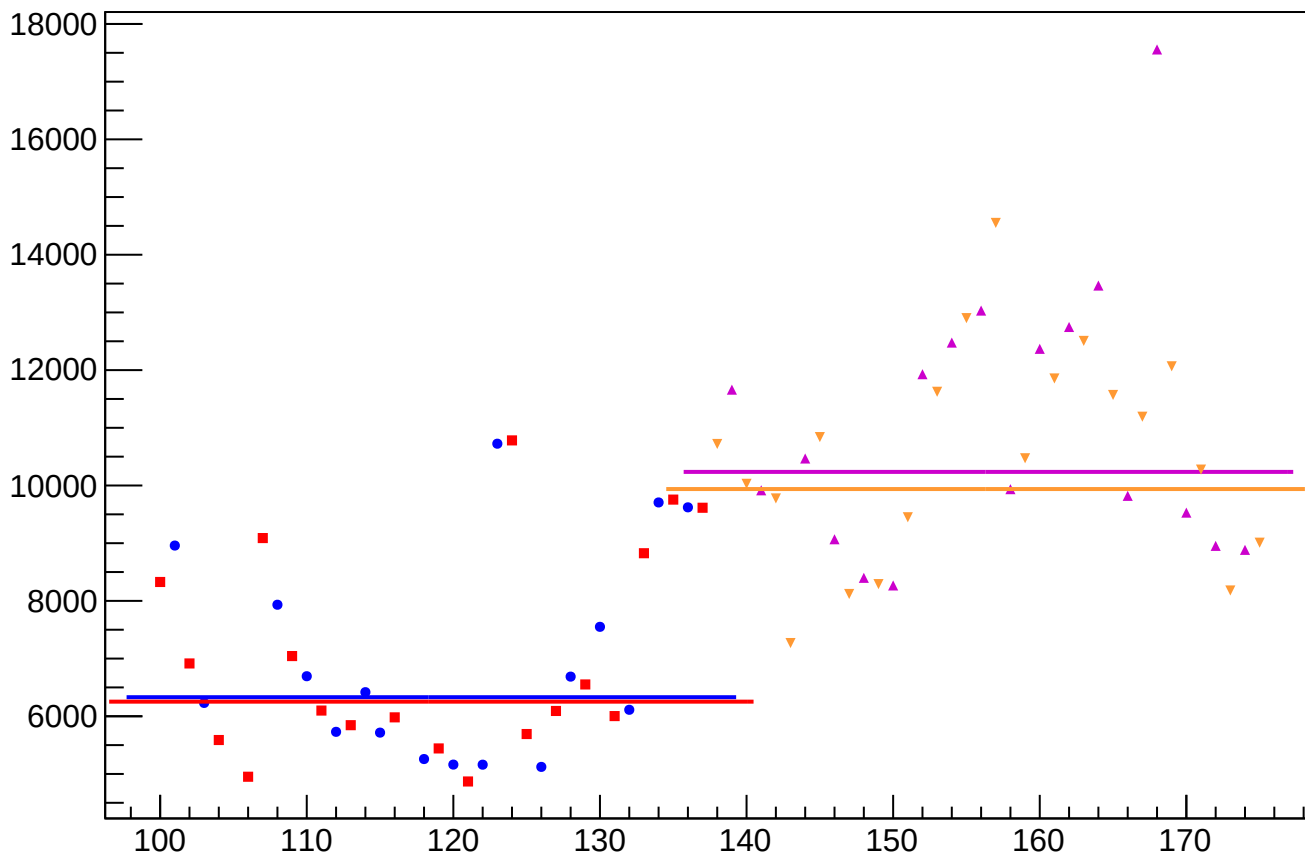
Left In: -2585.681+/-2768.860 χ^2/NDF : 10.8/17

+ sign 2926.355+/-1809.227 χ^2/NDF : 41.0/36

All: 219.670+/-1284.051 χ^2/NDF : 76.4/73

- sign -2527.452+/-1822.692 χ^2/NDF : 30.9/36

asym_atl2_rms vs Slug



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

Left Out: 9938.546+/-1.847 χ^2/NDF : 902687.8/19

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

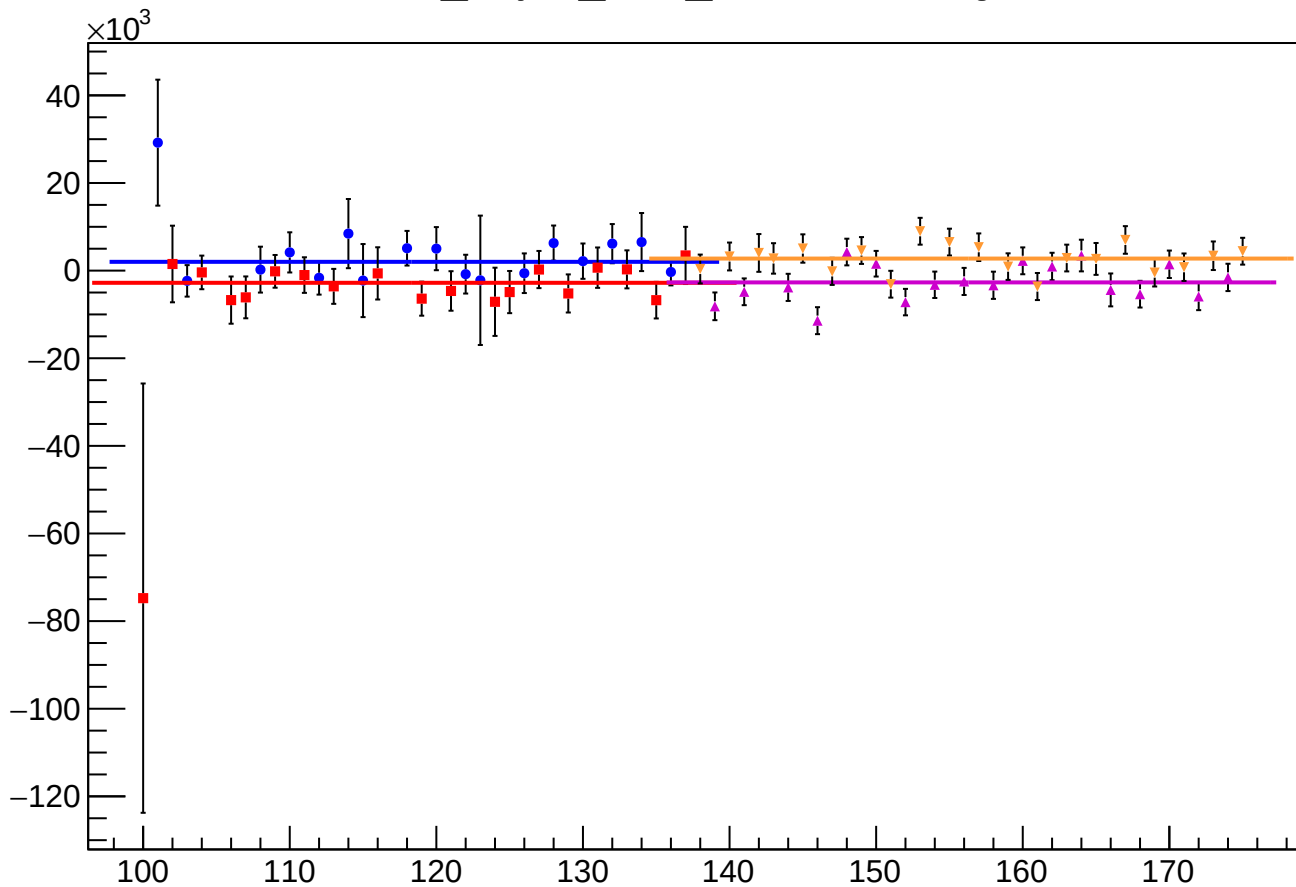
Left In: 10235.774+/-1.958 χ^2/NDF : 931530.5/17

+ sign 8061.999+/-1.279 χ^2/NDF : 3481629.3/36

All: 8020.794+/-0.908 χ^2/NDF : 7295214.2/73

- sign 7978.975+/-1.289 χ^2/NDF : 3811494.7/36

dit_asym_atr1_mean vs Slug



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

Left Out: 2750.343 $\pm$ 715.229 χ^2 /NDF:20.6/19

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

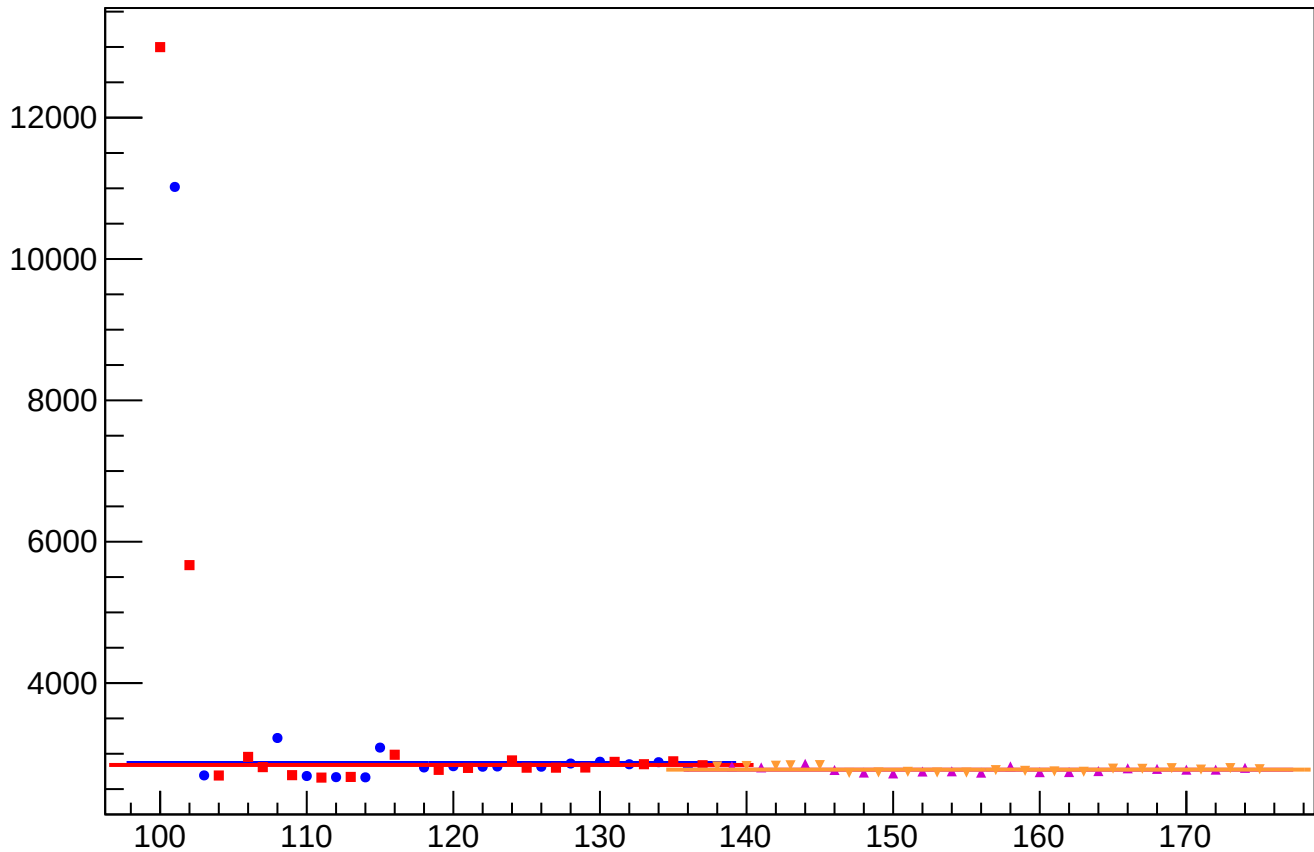
Left In: -2690.558 $\pm$ 737.108 χ^2 /NDF:32.0/17

+ sign 2538.399 $\pm$ 604.991 χ^2 /NDF: 33.0/36

All: -69.004 $\pm$ 429.526 χ^2 /NDF: 112.3/73

- sign -2719.078 $\pm$ 609.921 χ^2 /NDF: 41.9/36

dit_asym_atr1_rms vs Slug



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

Left Out: 2775.541+/-0.506 χ^2/NDF : 5030.5/19

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

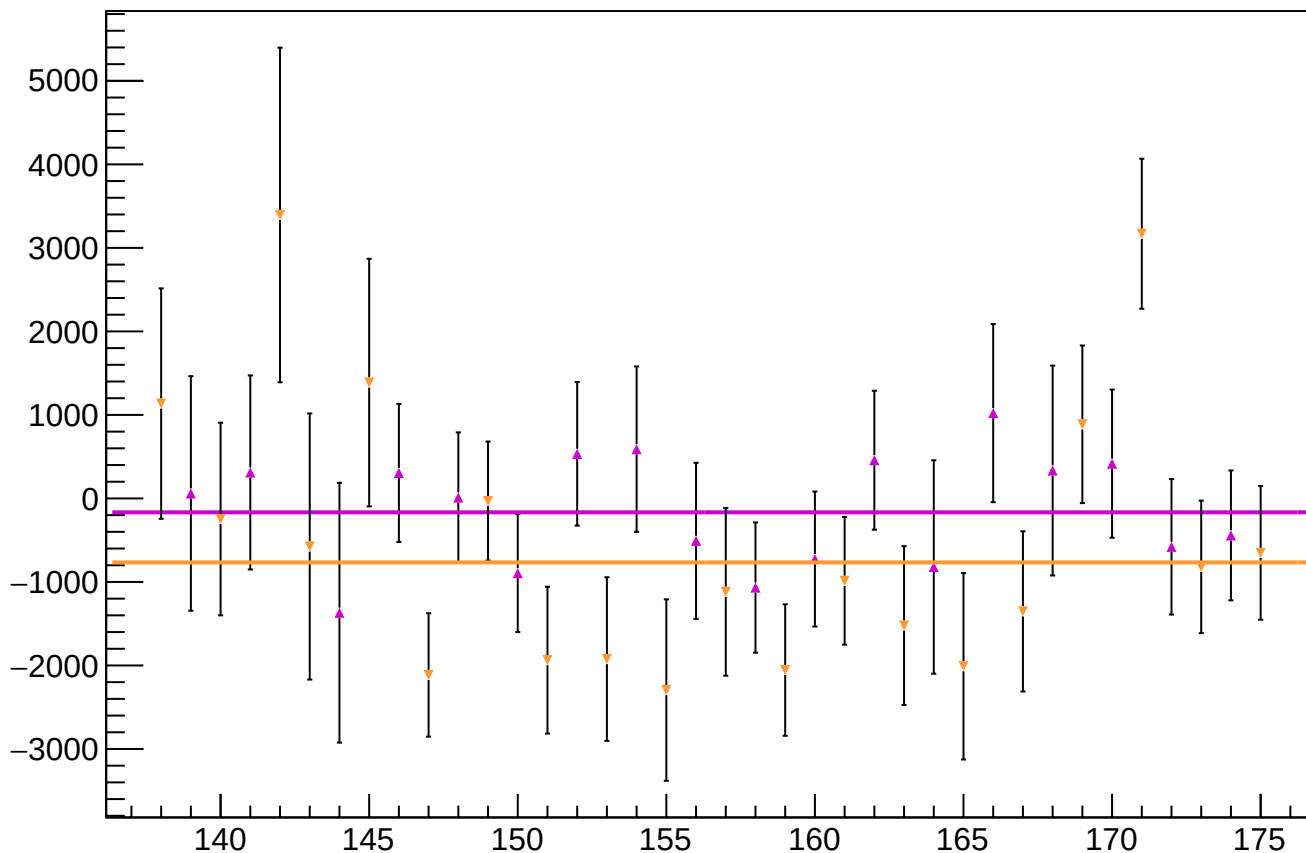
Left In: 2773.708+/-0.521 χ^2/NDF : 4982.8/17

+ sign 2802.187+/-0.428 χ^2/NDF : 684687.5/36

All: 2798.674+/-0.304 χ^2/NDF : 1007673.0/73

- sign 2795.104+/-0.431 χ^2/NDF : 322849.6/36

asym_atr1_correction_mean vs Slug



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

Left Out: -766.079+/-212.317 χ^2/NDF : 45.5/19

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

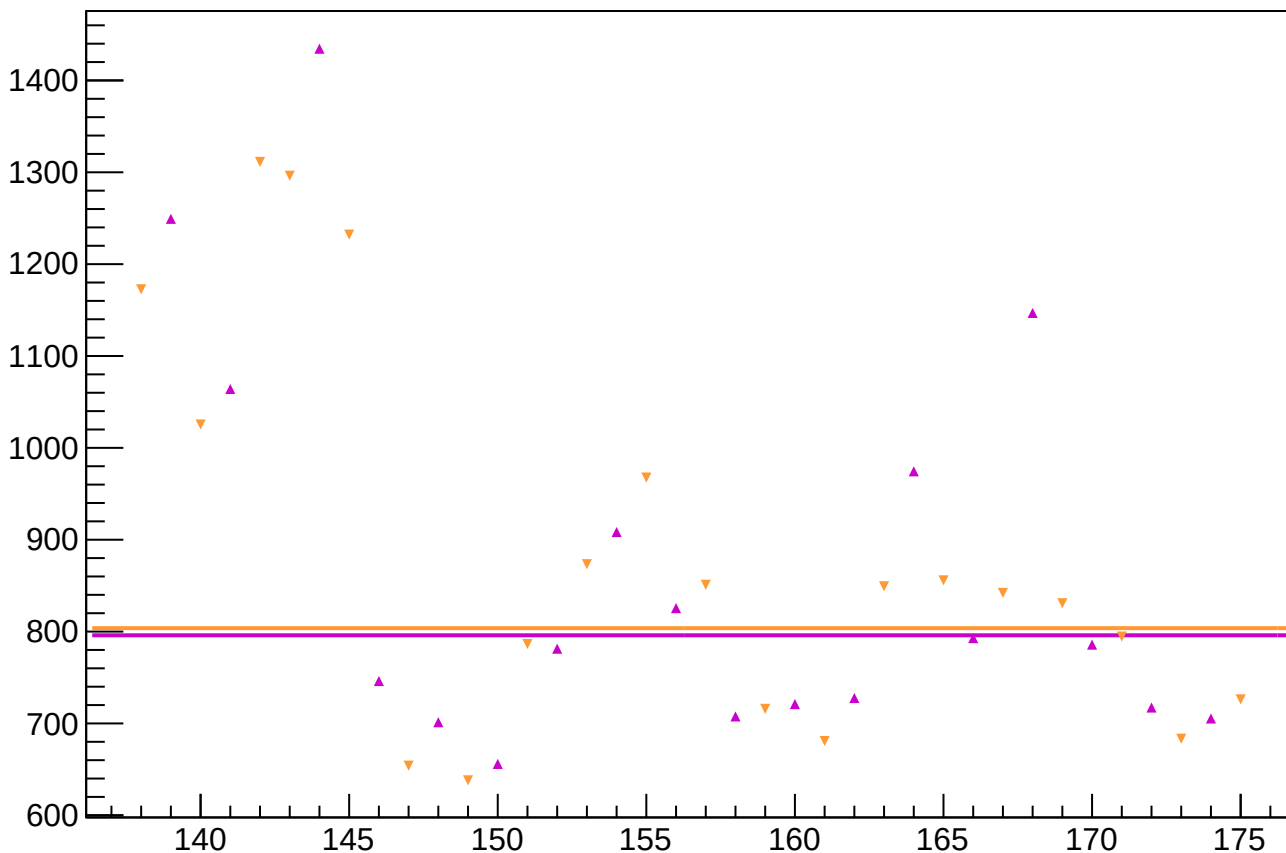
Left In: -166.302+/-215.740 χ^2/NDF : 8.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -470.987+/-151.326 χ^2/NDF : 57.9/37

- 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: 803.724+/-0.150 χ^2/NDF :1109967.9/19

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

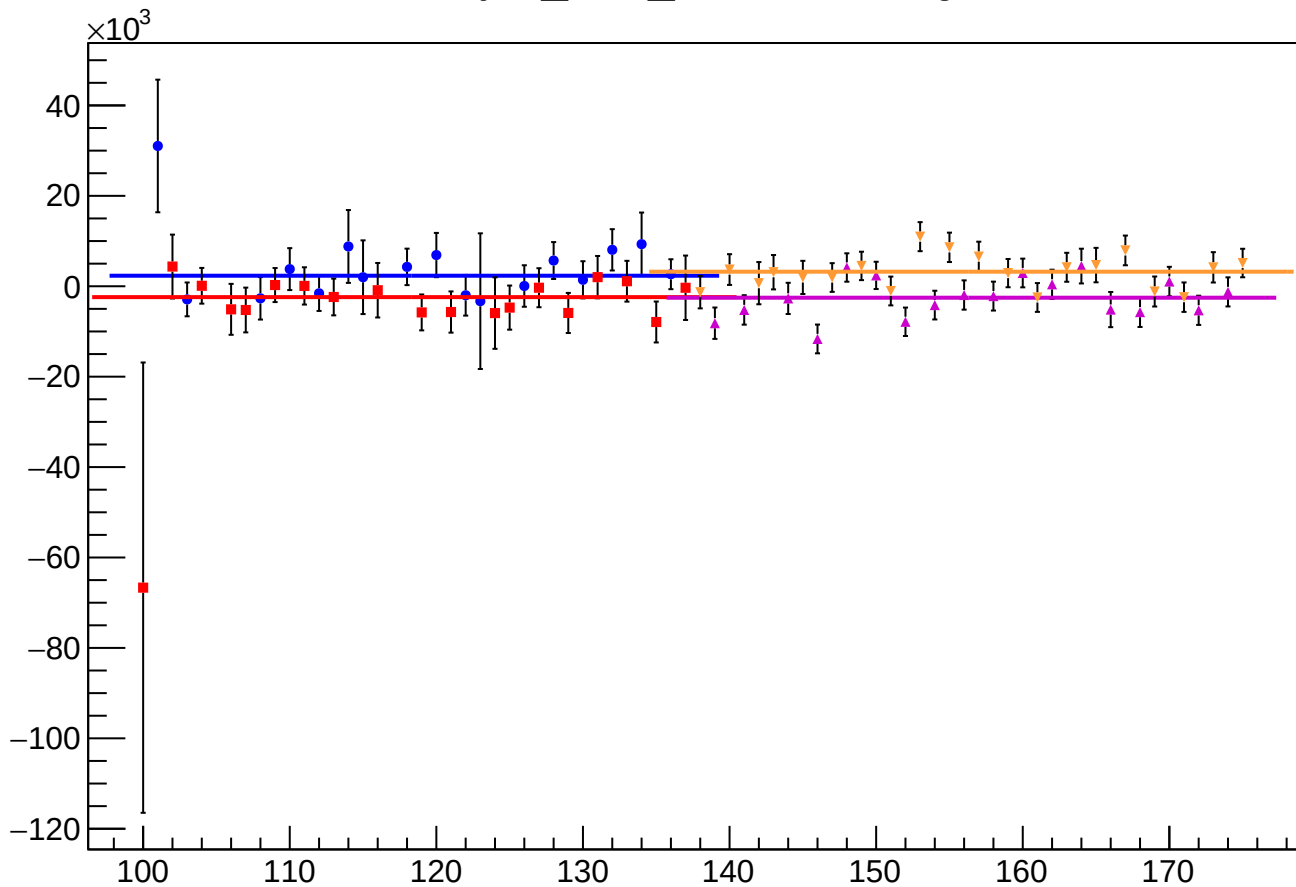
Left In: 795.969+/-0.153 χ^2/NDF :1093403.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.908+/-0.107 χ^2/NDF : 2204684.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 3222.712+/-751.448 χ^2 /NDF:24.5/19

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

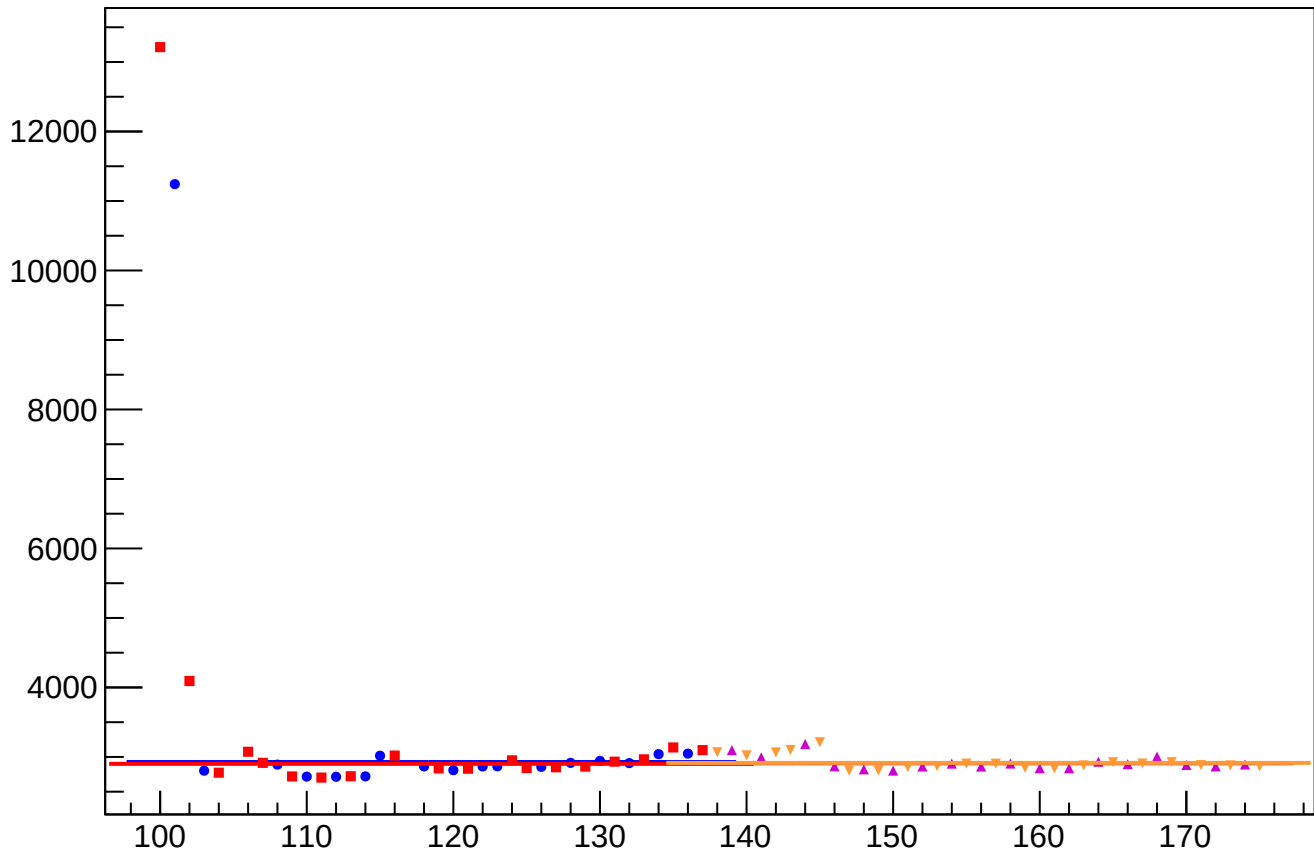
Left In: -2531.936+/-773.333 χ^2 /NDF:32.6/17

+ sign 2957.760+/-630.125 χ^2 /NDF: 39.3/36

All: 252.873+/-447.118 χ^2 /NDF: 119.0/73

- sign -2490.052+/-634.540 χ^2 /NDF: 42.6/36

asym_atr1_rms vs Slug



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

Left Out: 2914.340+/-0.531 χ^2/NDF : 35050.9/19

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

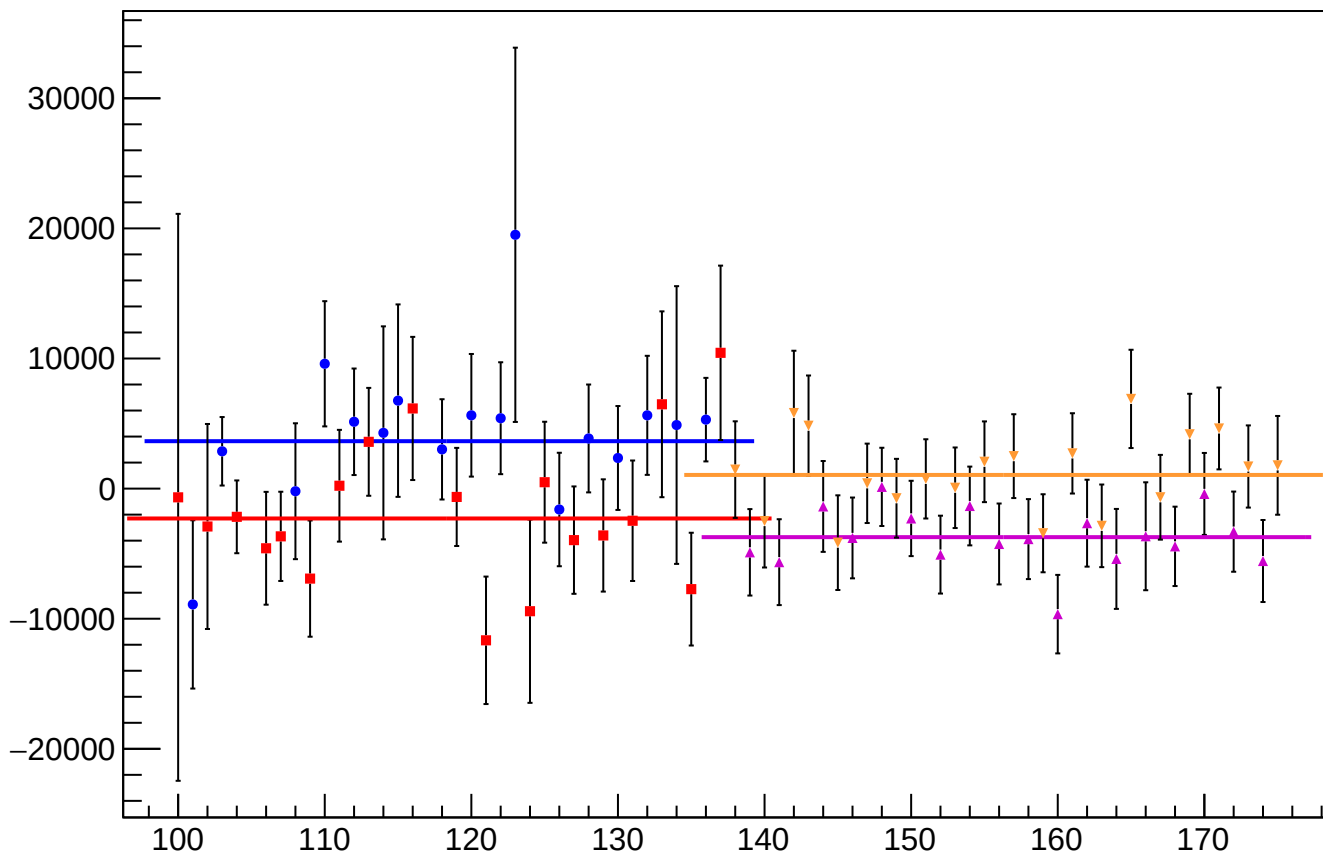
Left In: 2908.720+/-0.547 χ^2/NDF : 29713.4/17

+ sign 2917.982+/-0.446 χ^2/NDF : 698003.5/36

All: 2912.103+/-0.316 χ^2/NDF : 898002.3/73

- sign 2906.141+/-0.449 χ^2/NDF : 199648.1/36

dit_asym_atr2_mean vs Slug



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

Left Out: 1050.657 $\pm$ 741.194 χ^2 /NDF:14.9/19

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

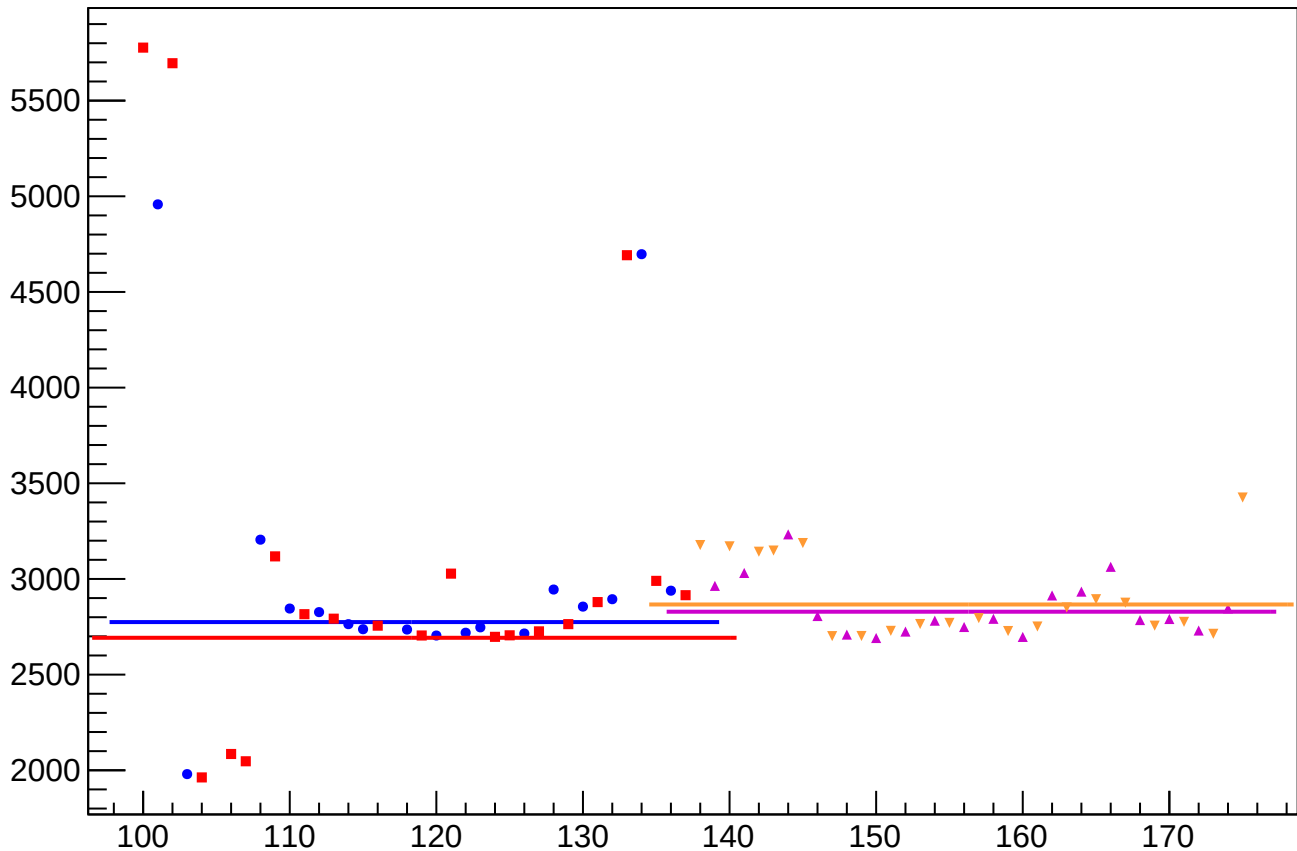
Left In: -3730.436 $\pm$ 752.109 χ^2 /NDF:9.3/17

+ sign 1869.516 $\pm$ 613.178 χ^2 /NDF: 28.6/36

All: -696.139 $\pm$ 432.744 χ^2 /NDF: 92.5/73

- sign -3242.048 $\pm$ 610.814 χ^2 /NDF: 29.0/36

dit_asym_atr2_rms vs Slug



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

Left Out: 2866.615 $\pm$ 0.524 χ^2 /NDF: 141909.7/19

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

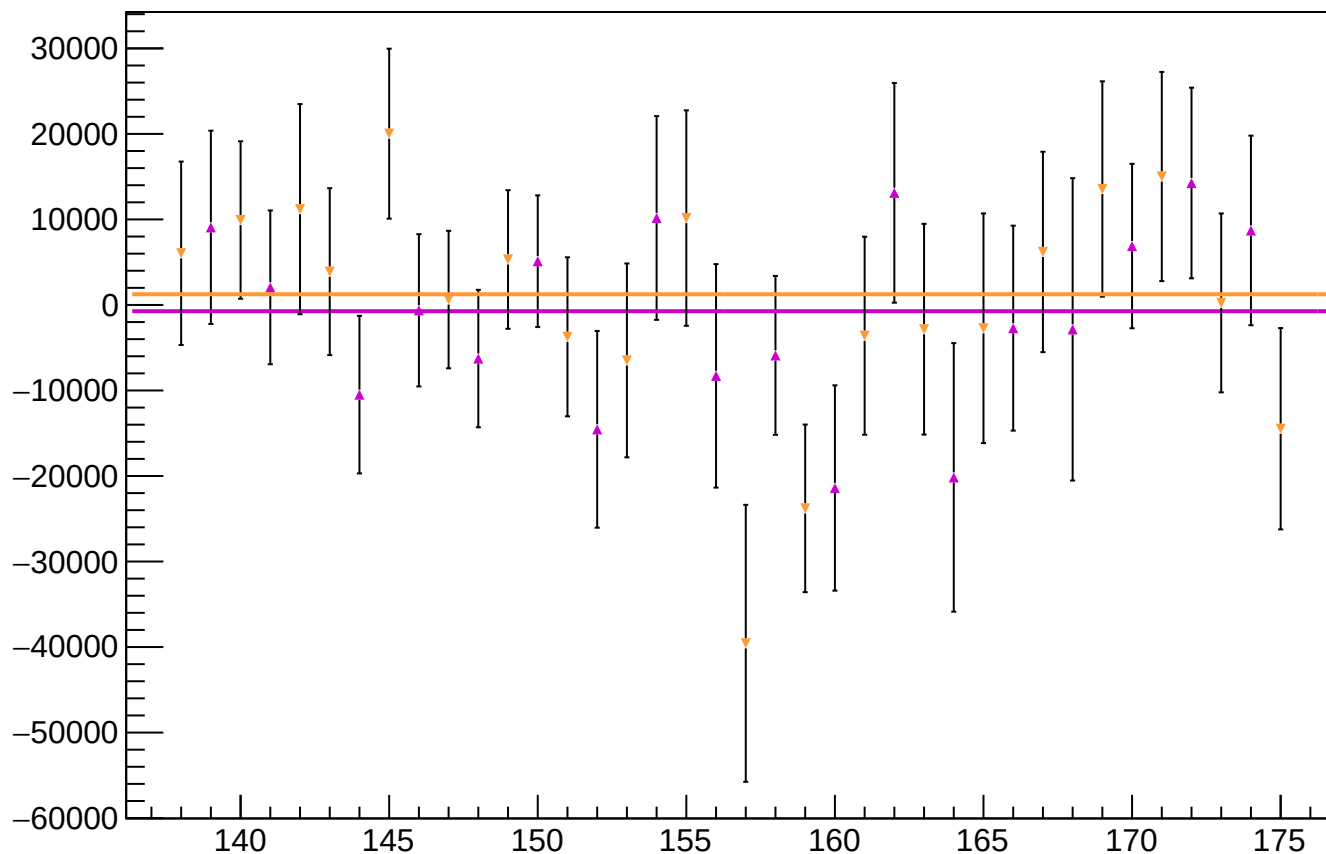
Left In: 2828.751 $\pm$ 0.532 χ^2 /NDF: 65730.8/17

+ sign 2837.581 $\pm$ 0.434 χ^2 /NDF: 653314.4/36

All: 2809.855 $\pm$ 0.306 χ^2 /NDF: 1529809.7/73

- sign 2782.349 $\pm$ 0.432 χ^2 /NDF: 868349.6/36

asym_atr2_correction_mean vs Slug



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

Left Out: 1250.700+/-2393.385 χ^2/NDF : 24.3/19

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

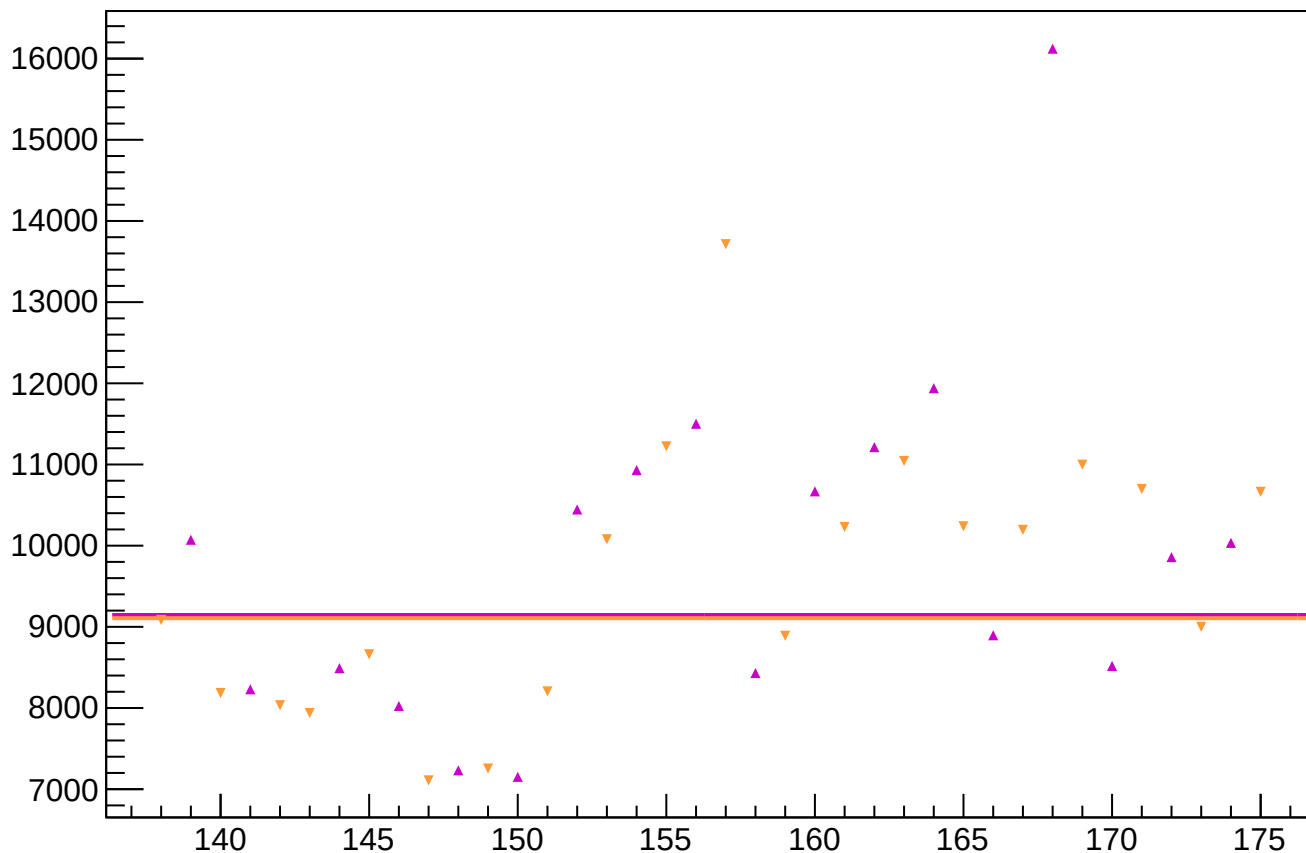
Left In: -732.067+/-2475.132 χ^2/NDF : 14.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.600+/-1720.553 χ^2/NDF : 39.5/37

- 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: 9106.239+/-1.692 χ^2/NDF : 762866.2/19

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

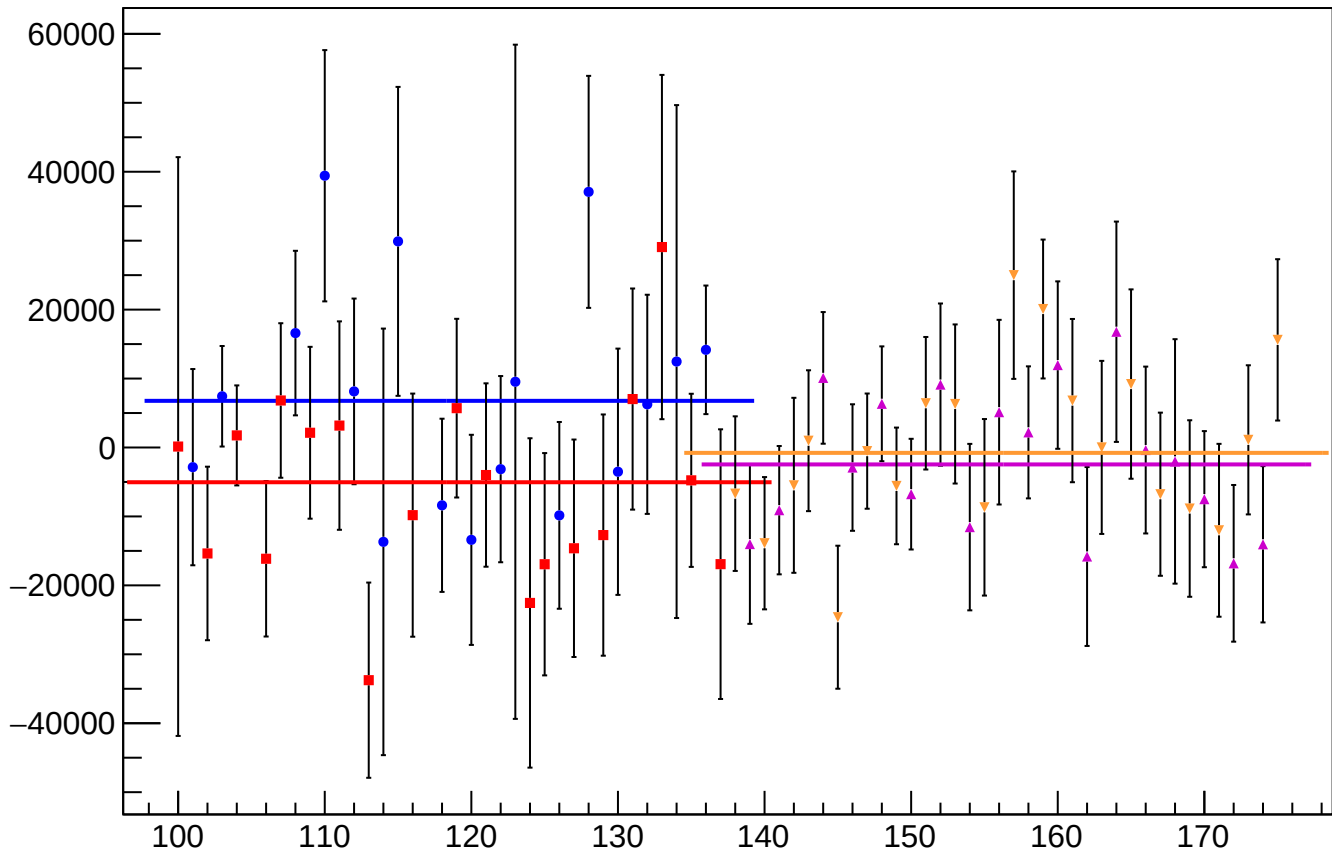
Left In: 9145.639+/-1.750 χ^2/NDF : 960120.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9125.278+/-1.217 χ^2/NDF : 1723248.6/37

- 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: -778.884 $\pm$ 2460.992 χ^2 /NDF:20.9/19

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

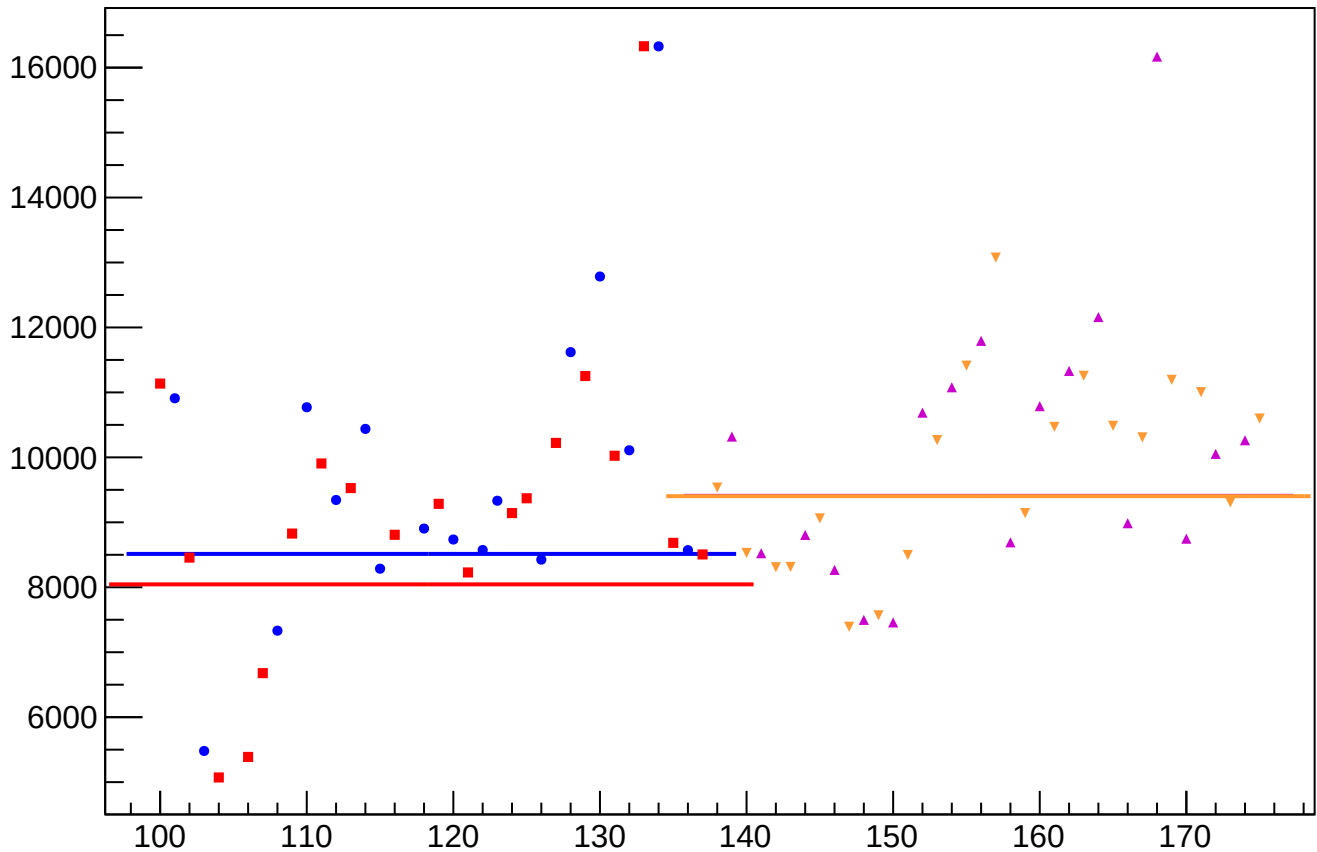
Left In: -2456.308 $\pm$ 2541.930 χ^2 /NDF:13.6/17

+ sign 1828.420 $\pm$ 1990.959 χ^2 /NDF: 39.4/36

All: -831.513 $\pm$ 1404.827 χ^2 /NDF: 70.6/73

- sign -3468.941 $\pm$ 1982.519 χ^2 /NDF: 27.6/36

asym_atr2_rms vs Slug



Right In: 8513.665 $\pm$ 2.395 χ^2 /NDF: 762614.5/16

Left Out: 9402.198 $\pm$ 1.740 χ^2 /NDF: 641861.8/19

Right Out: 8044.739 $\pm$ 2.240 χ^2 /NDF: 952310.5/18

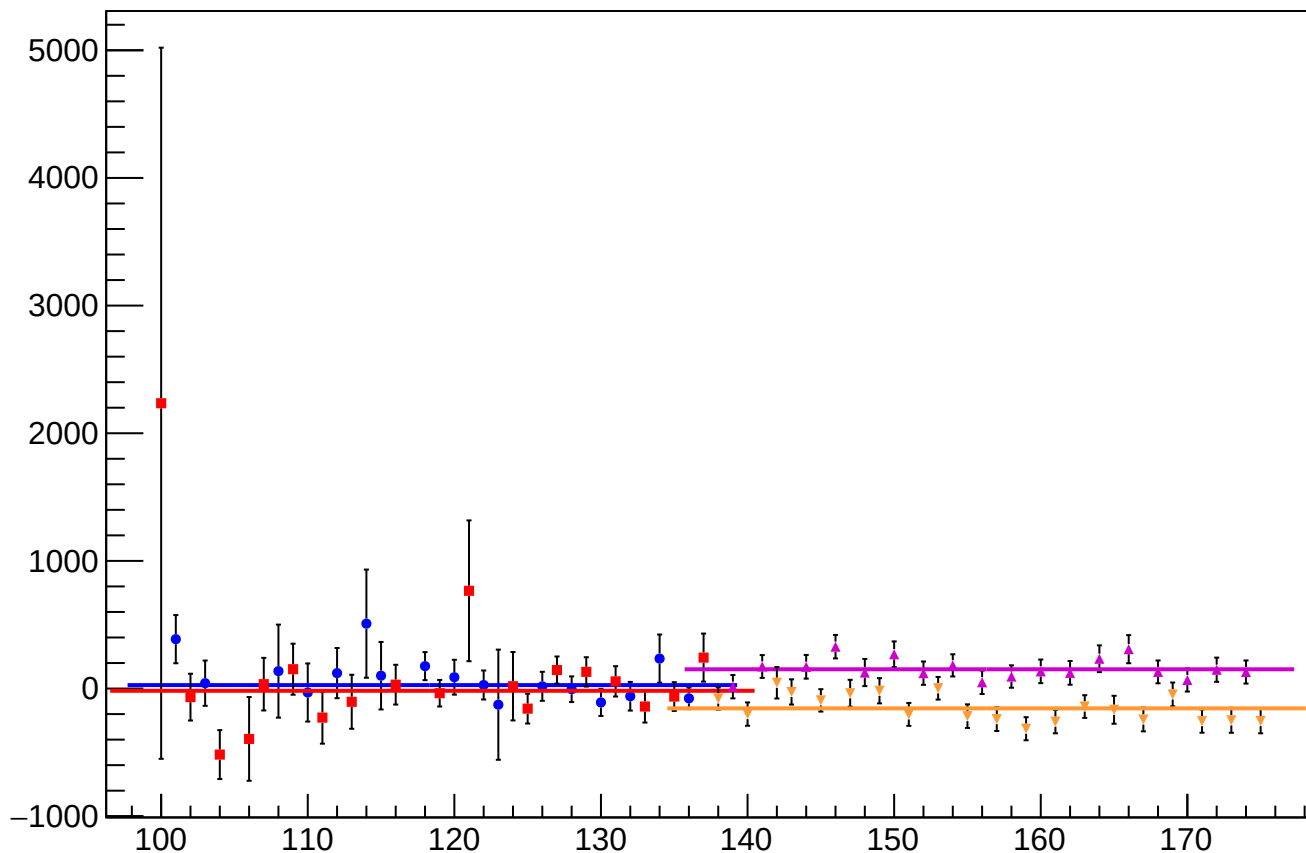
Left In: 9407.931 $\pm$ 1.797 χ^2 /NDF: 878123.9/17

+ sign 9095.203 $\pm$ 1.408 χ^2 /NDF: 1494553.6/36

All: 8984.093 $\pm$ 0.993 χ^2 /NDF: 3562715.9/73

- sign 8873.926 $\pm$ 1.402 χ^2 /NDF: 2055757.4/36

dit_asym_sam1_mean vs Slug



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

Left Out: -155.147+/-21.116 χ^2 /NDF: 23.7/19

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

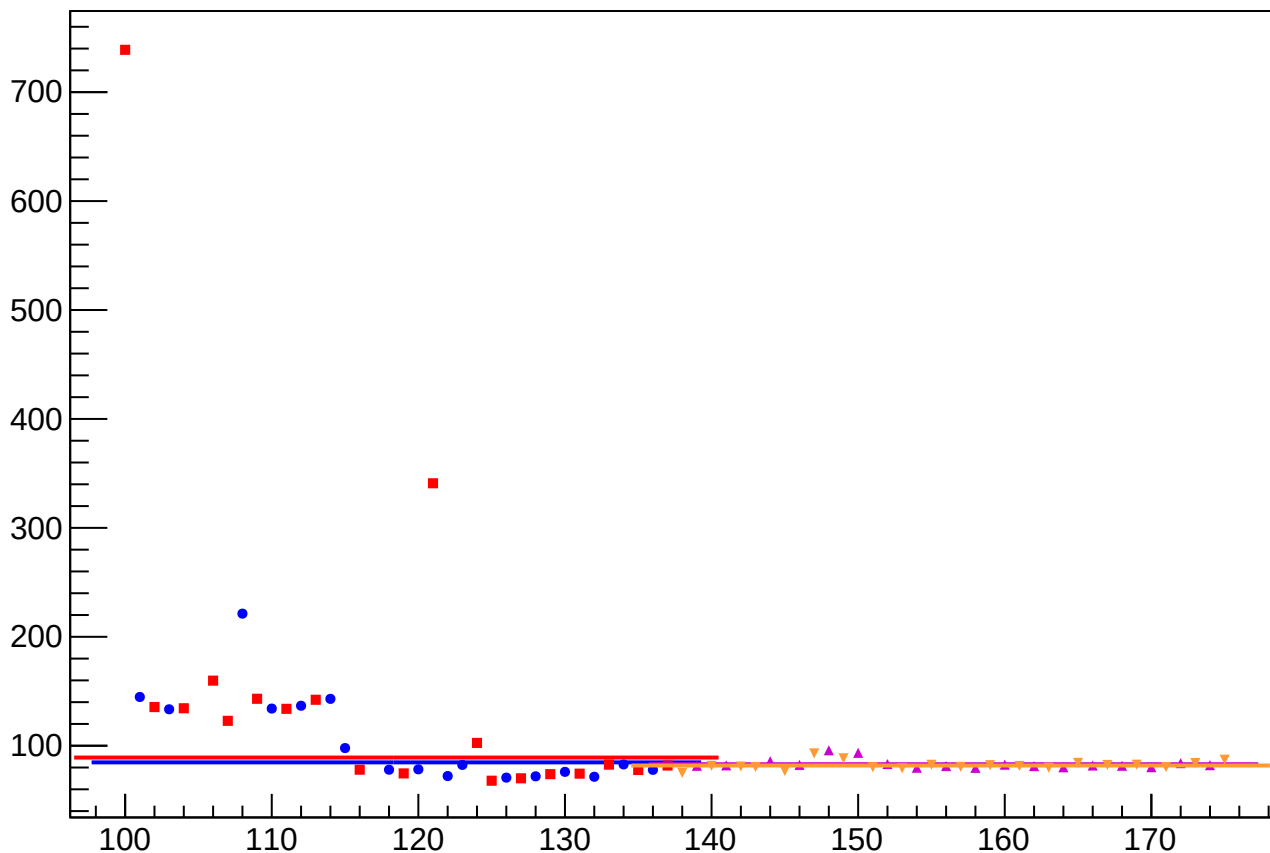
Left In: 150.906+/-22.068 χ^2 /NDF: 13.1/17

+ sign -104.528+/-17.942 χ^2 /NDF: 56.9/36

All: -4.803+/-12.963 χ^2 /NDF: 172.7/73

- sign 104.094+/-18.749 χ^2 /NDF: 51.1/36

dit_asym_sam1_rms vs Slug



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

Left Out: 81.860 $\pm$ 0.015 χ^2 /NDF: 63185.3/19

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

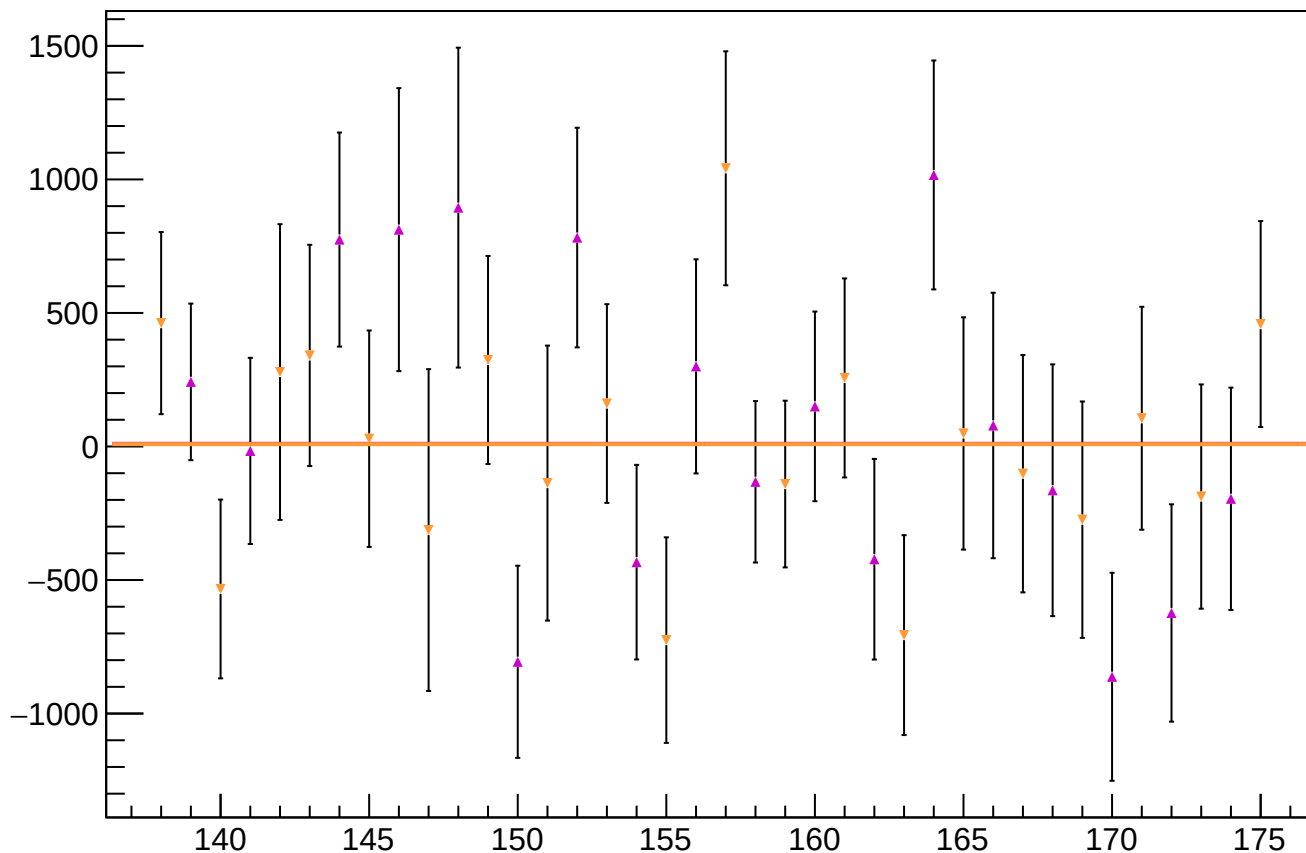
Left In: 83.021 $\pm$ 0.016 χ^2 /NDF: 64502.0/17

+ sign 82.660 $\pm$ 0.013 χ^2 /NDF: 1137926.0/36

All: 83.647 $\pm$ 0.009 χ^2 /NDF: 2817167.0/73

- sign 84.724 $\pm$ 0.013 χ^2 /NDF: 1666584.7/36

asym_sam1_correction_mean vs Slug



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

Left Out: 8.658 $\pm$ 90.085 χ^2 /NDF:22.1/19

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

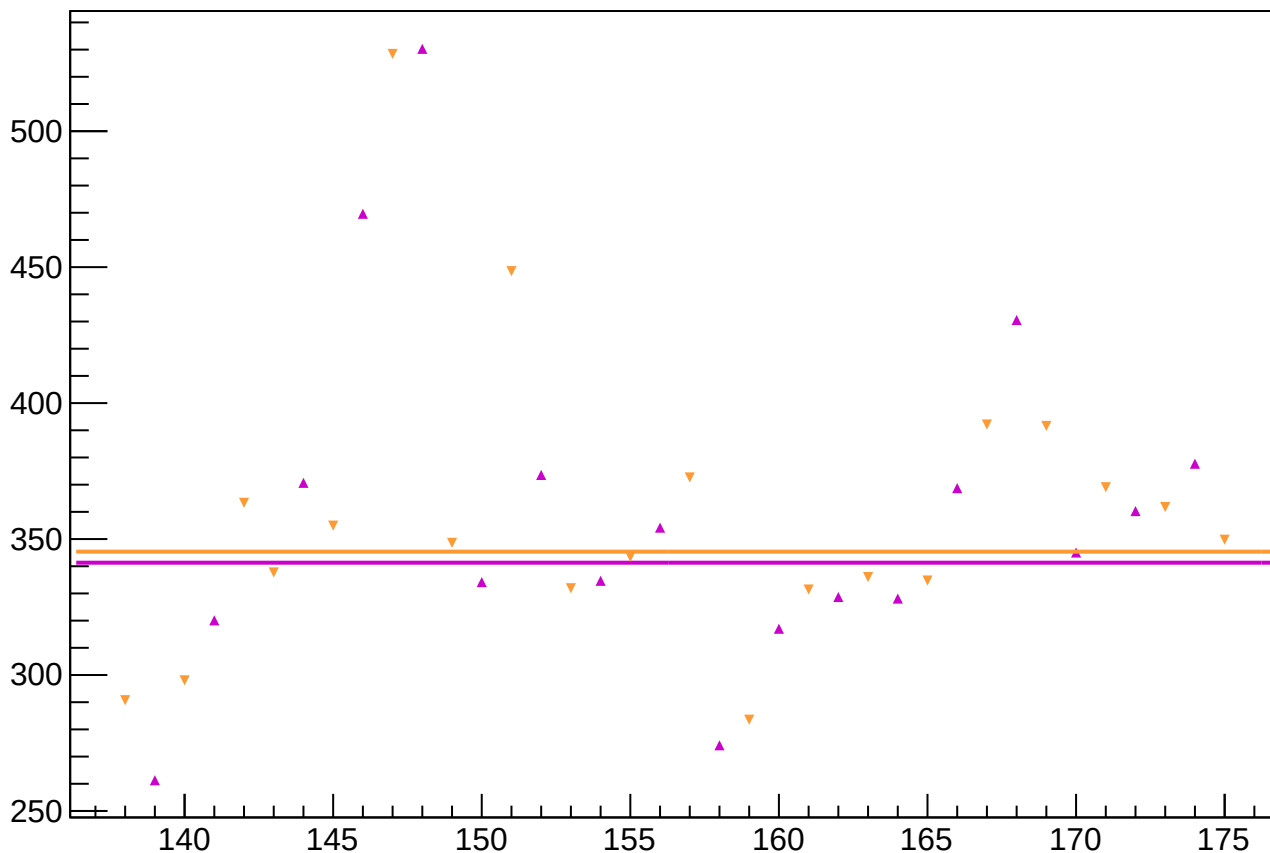
Left In: 9.948 $\pm$ 91.977 χ^2 /NDF:34.5/17

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

All: 9.289 $\pm$ 64.358 χ^2 /NDF: 56.6/37

- sign 0.000 $\pm$ 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: 345.372+/-0.064 χ^2/NDF : 508095.1/19

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

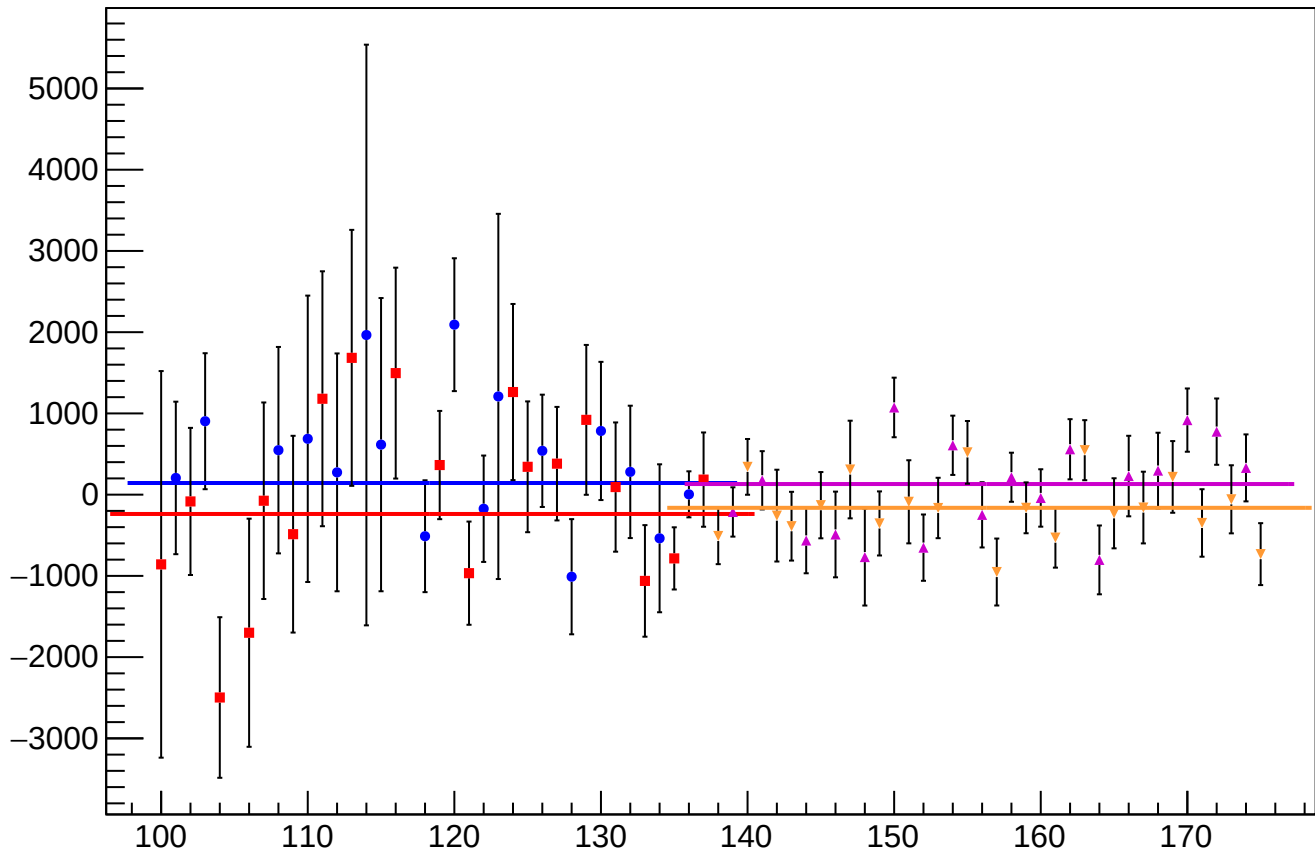
Left In: 341.310+/-0.065 χ^2/NDF : 709289.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.383+/-0.046 χ^2/NDF : 1219374.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -162.093 ± 90.078 χ^2/NDF : 19.1/19

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

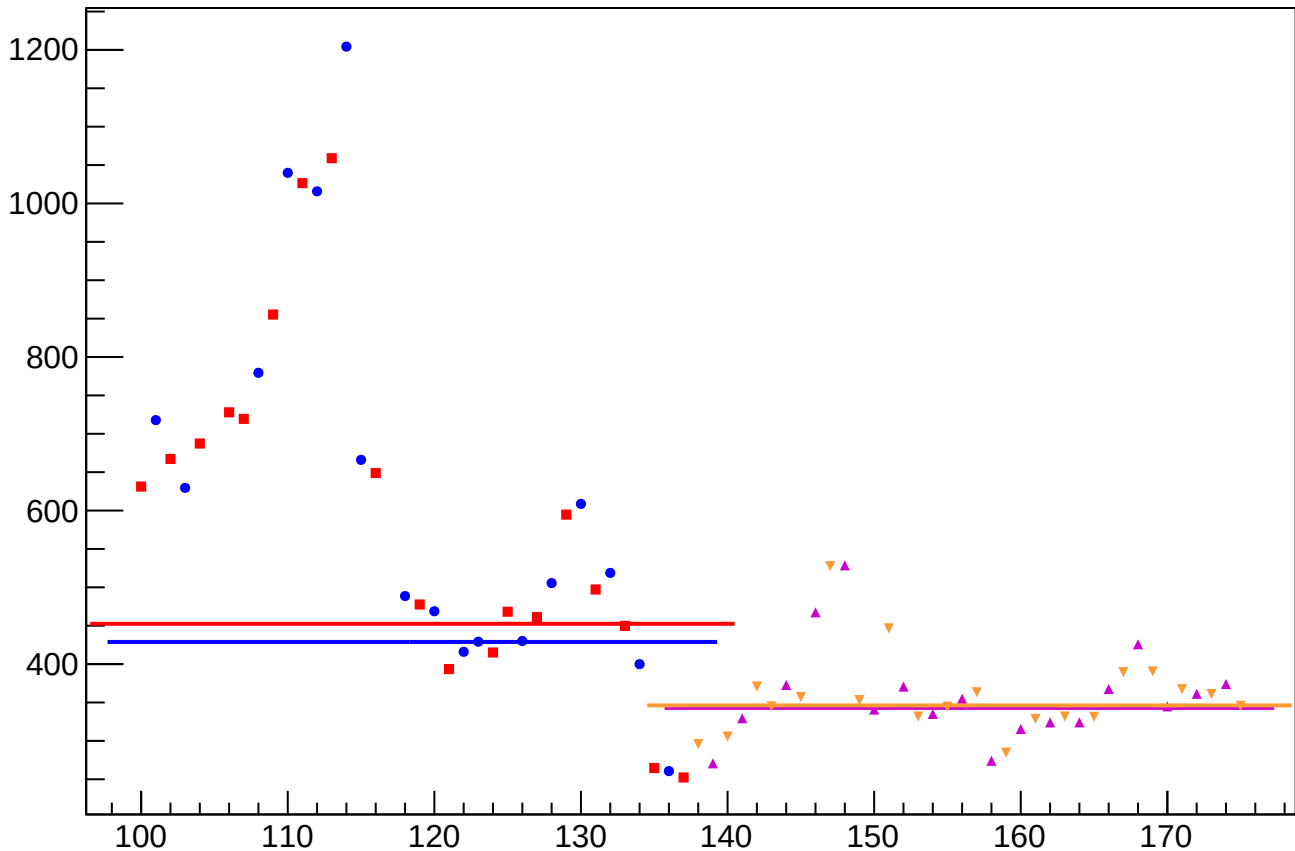
Left In: 130.737 ± 92.333 χ^2/NDF : 34.3/17

+ sign -100.475 ± 80.486 χ^2/NDF : 34.2/36

All: -23.905 ± 57.619 χ^2/NDF : 95.2/73

- sign 56.595 ± 82.525 χ^2/NDF : 59.2/36

asym_sam1_rms vs Slug



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

Left Out: 346.198+/-0.064 χ^2/NDF : 475900.0/19

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

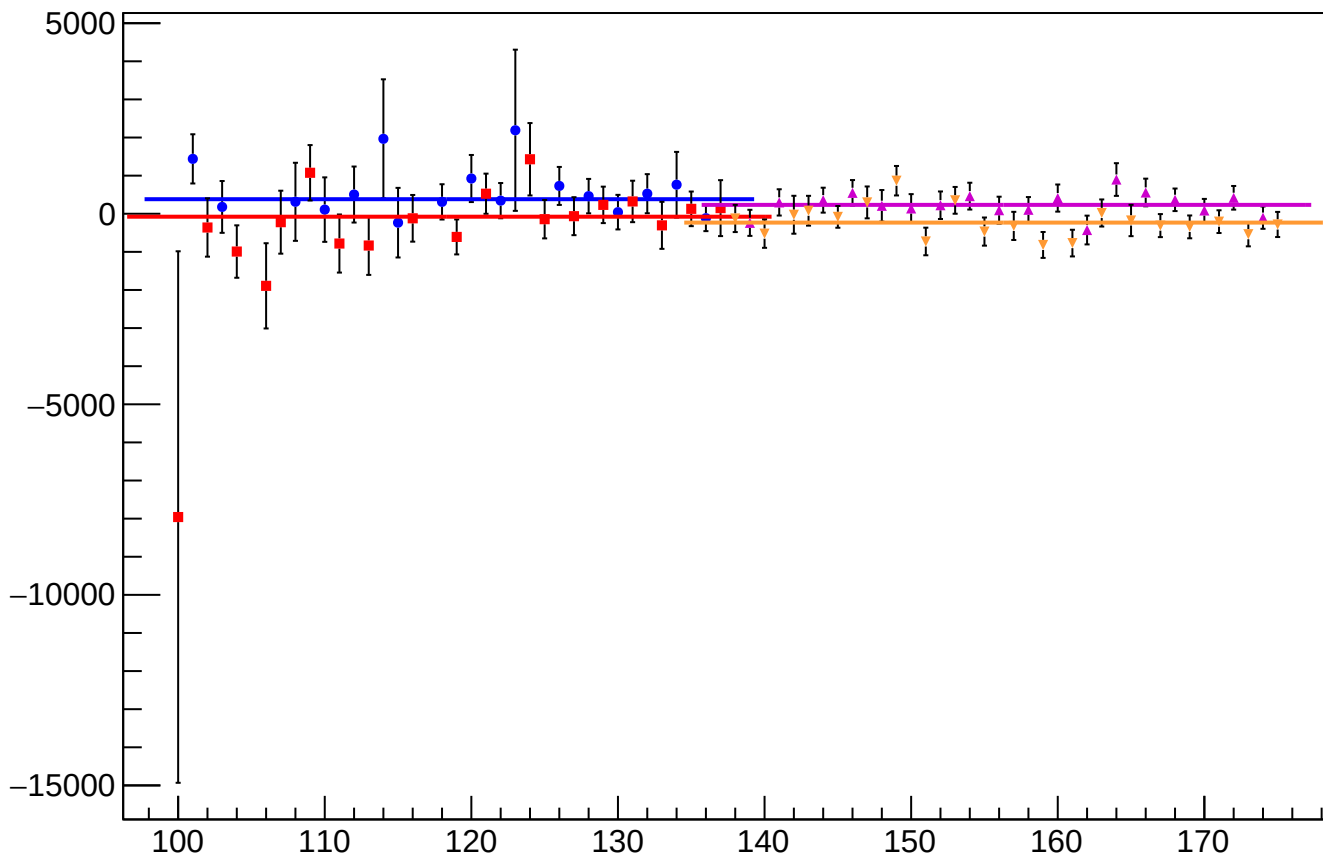
Left In: 342.959+/-0.065 χ^2/NDF : 652978.1/17

+ sign 362.865+/-0.057 χ^2/NDF : 2827811.4/36

All: 363.905+/-0.041 χ^2/NDF : 6087165.5/73

- sign 364.999+/-0.058 χ^2/NDF : 3258668.9/36

dit_asym_sam2_mean vs Slug



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

Left Out: -232.113+/-78.134 χ^2/NDF : 23.6/19

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

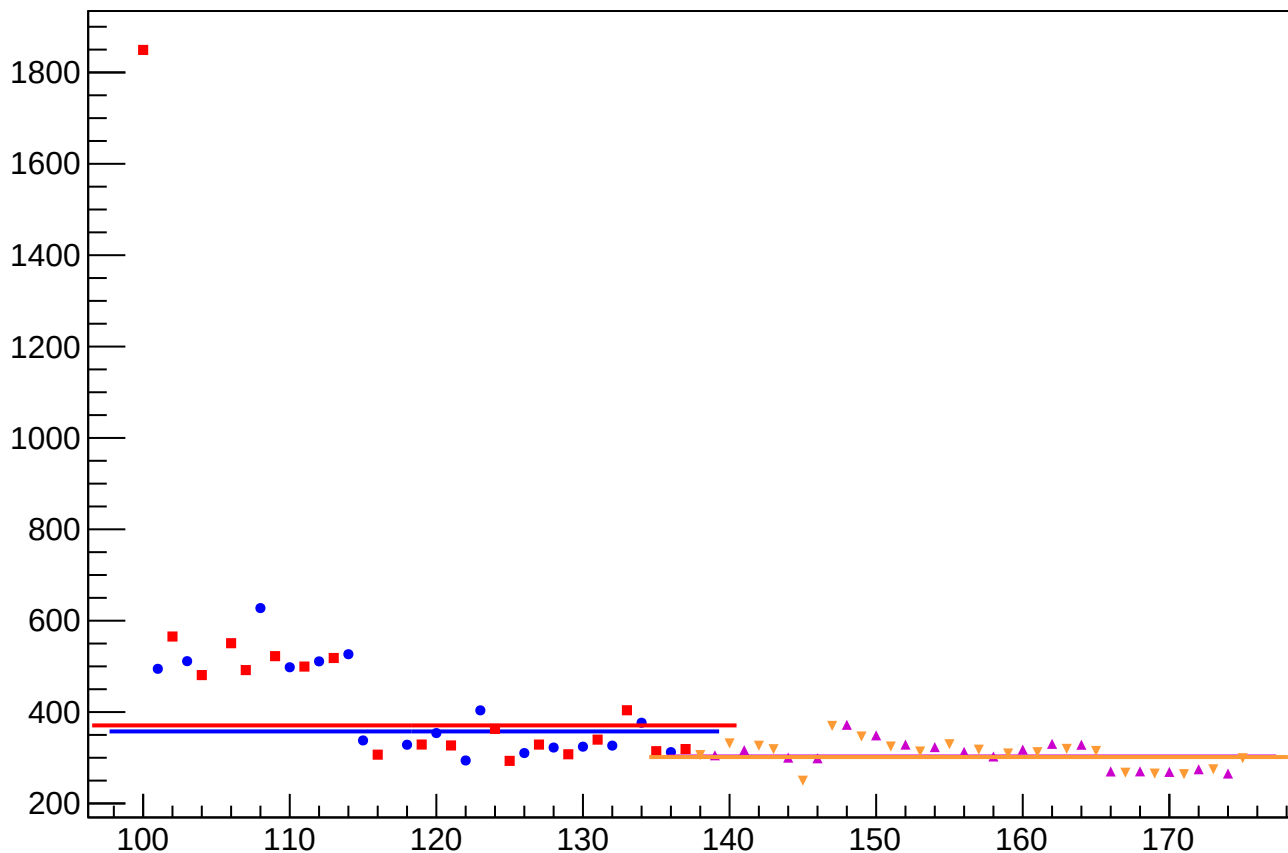
Left In: 232.865+/-80.802 χ^2/NDF : 12.4/17

+ sign -88.165+/-68.364 χ^2/NDF : 47.5/36

All: 31.360+/-49.046 χ^2/NDF : 86.5/73

- sign 158.127+/-70.404 χ^2/NDF : 32.7/36

dit_asym_sam2_rms vs Slug



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

Left Out: 301.528 $\pm$ 0.055 χ^2 /NDF: 304986.5/19

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

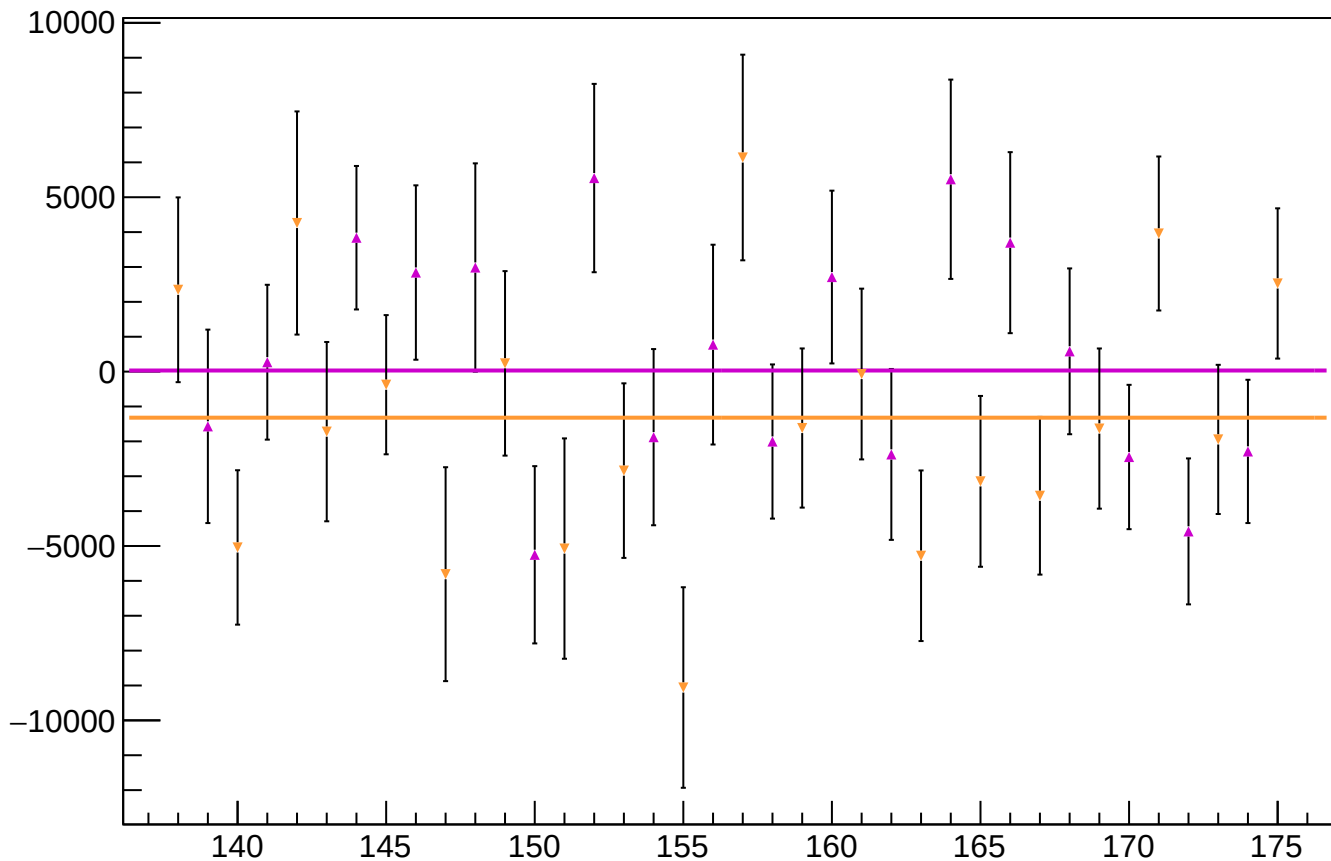
Left In: 302.816 $\pm$ 0.057 χ^2 /NDF: 244711.4/17

+ sign 314.688 $\pm$ 0.048 χ^2 /NDF: 1176693.3/36

All: 316.871 $\pm$ 0.035 χ^2 /NDF: 2551267.1/73

- sign 319.186 $\pm$ 0.050 χ^2 /NDF: 1370372.2/36

asym_sam2_correction_mean vs Slug



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

Left Out: -1321.072+/-549.738 χ^2/NDF :39.4/19

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

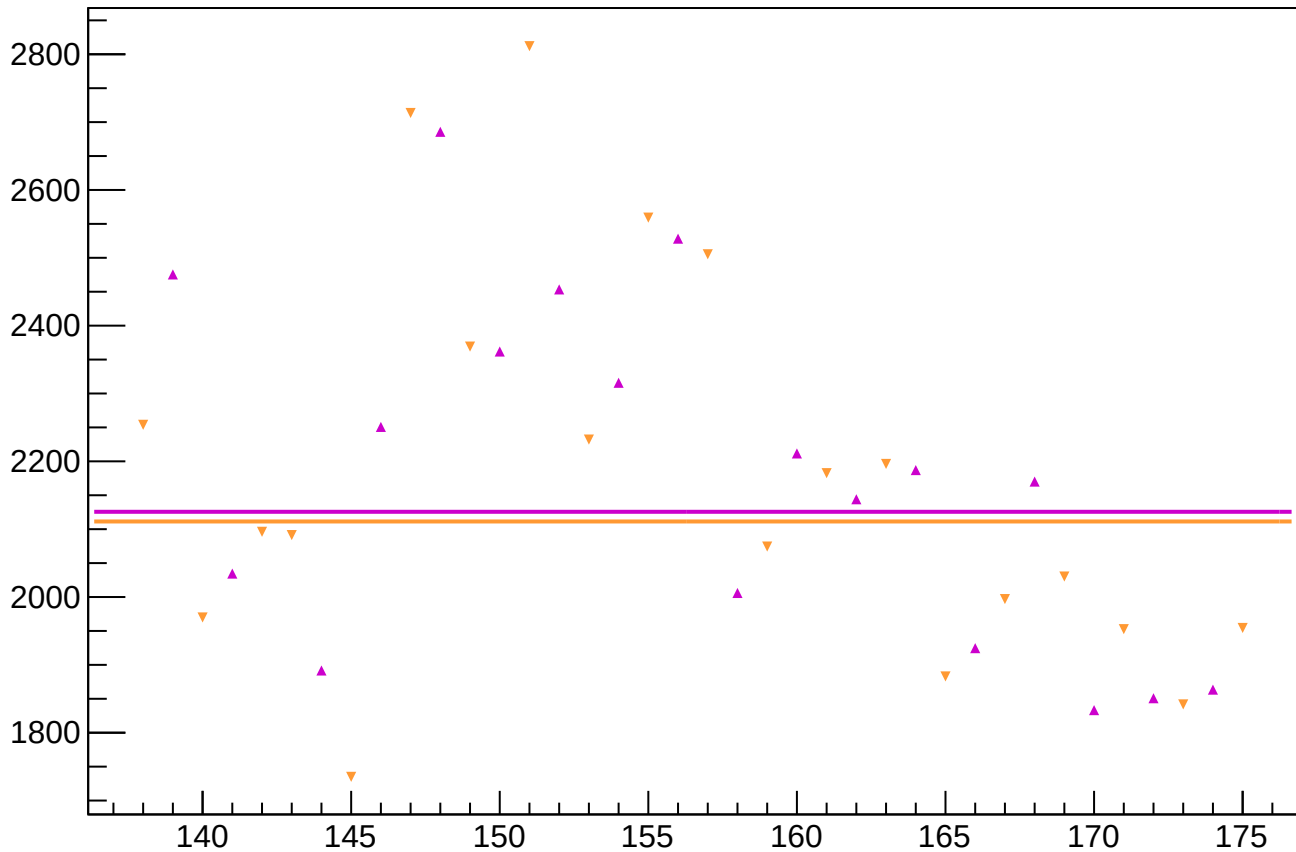
Left In: 31.684+/-568.618 χ^2/NDF :31.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -667.524+/-395.229 χ^2/NDF : 73.8/37

- 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: 2111.354+/-0.389 χ^2/NDF : 450940.7/19

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

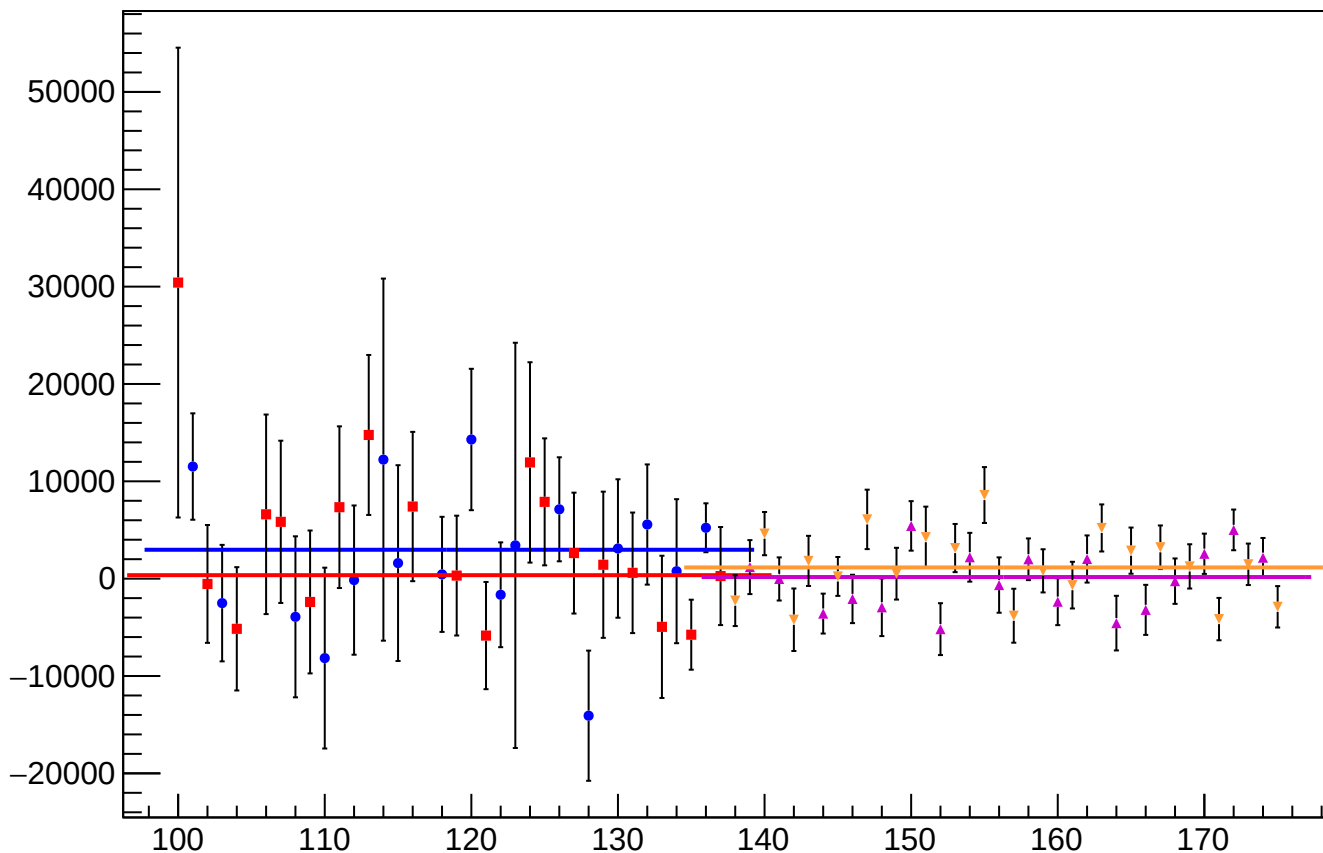
Left In: 2125.628+/-0.402 χ^2/NDF : 362996.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2118.250+/-0.279 χ^2/NDF : 814588.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 1151.436 $\pm$ 543.557 χ^2 /NDF: 35.8/19

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

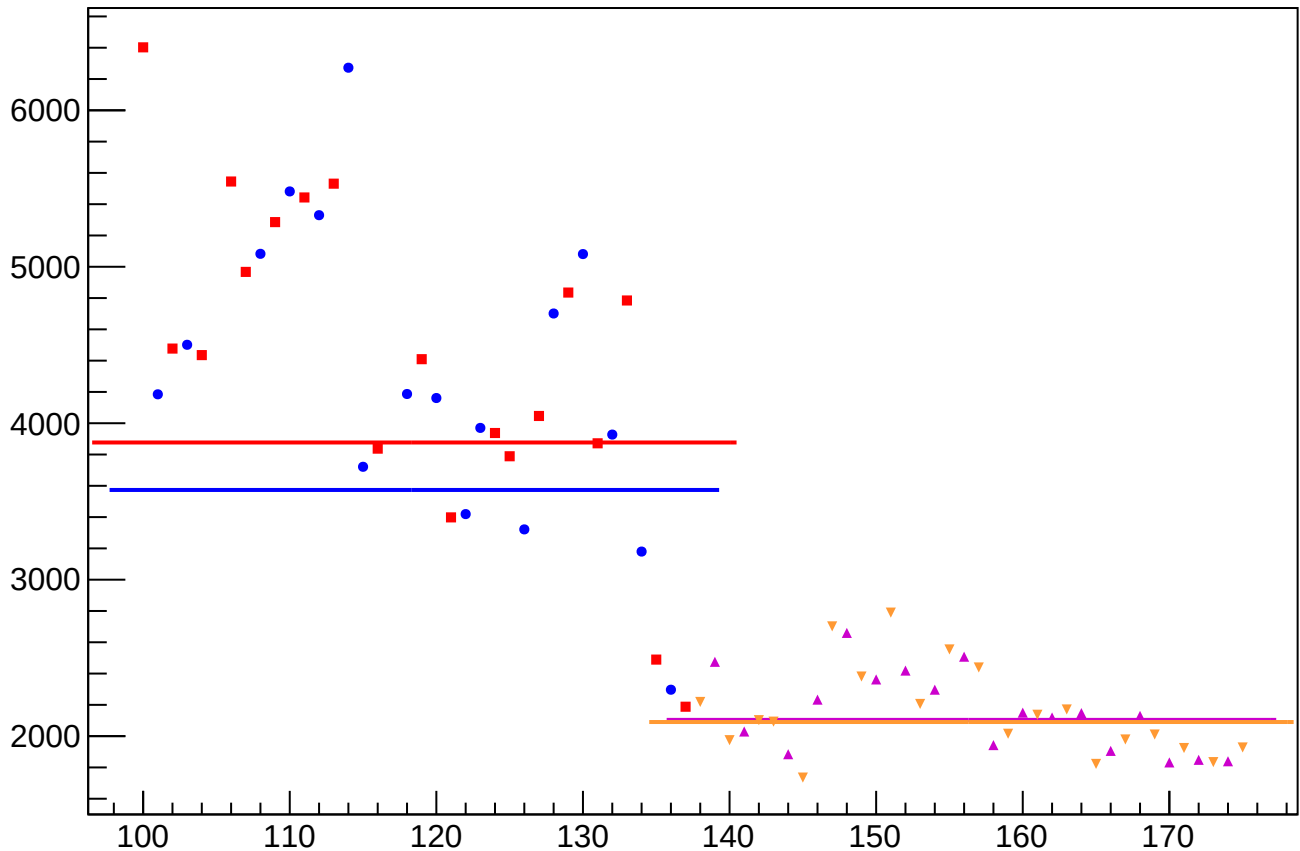
Left In: 166.317 $\pm$ 563.006 χ^2 /NDF: 29.1/17

+ sign 1377.993 $\pm$ 508.556 χ^2 /NDF: 54.6/36

All: 805.545 $\pm$ 366.086 χ^2 /NDF: 101.8/73

- sign 189.876 $\pm$ 527.405 χ^2 /NDF: 44.5/36

asym_sam2_rms vs Slug



Right In: 3573.470 $\pm$ 1.019 χ^2 /NDF: 1088731.5/16

Left Out: 2090.308 $\pm$ 0.384 χ^2 /NDF: 455714.5/19

Right Out: 3876.914 $\pm$ 1.066 χ^2 /NDF: 988409.8/18

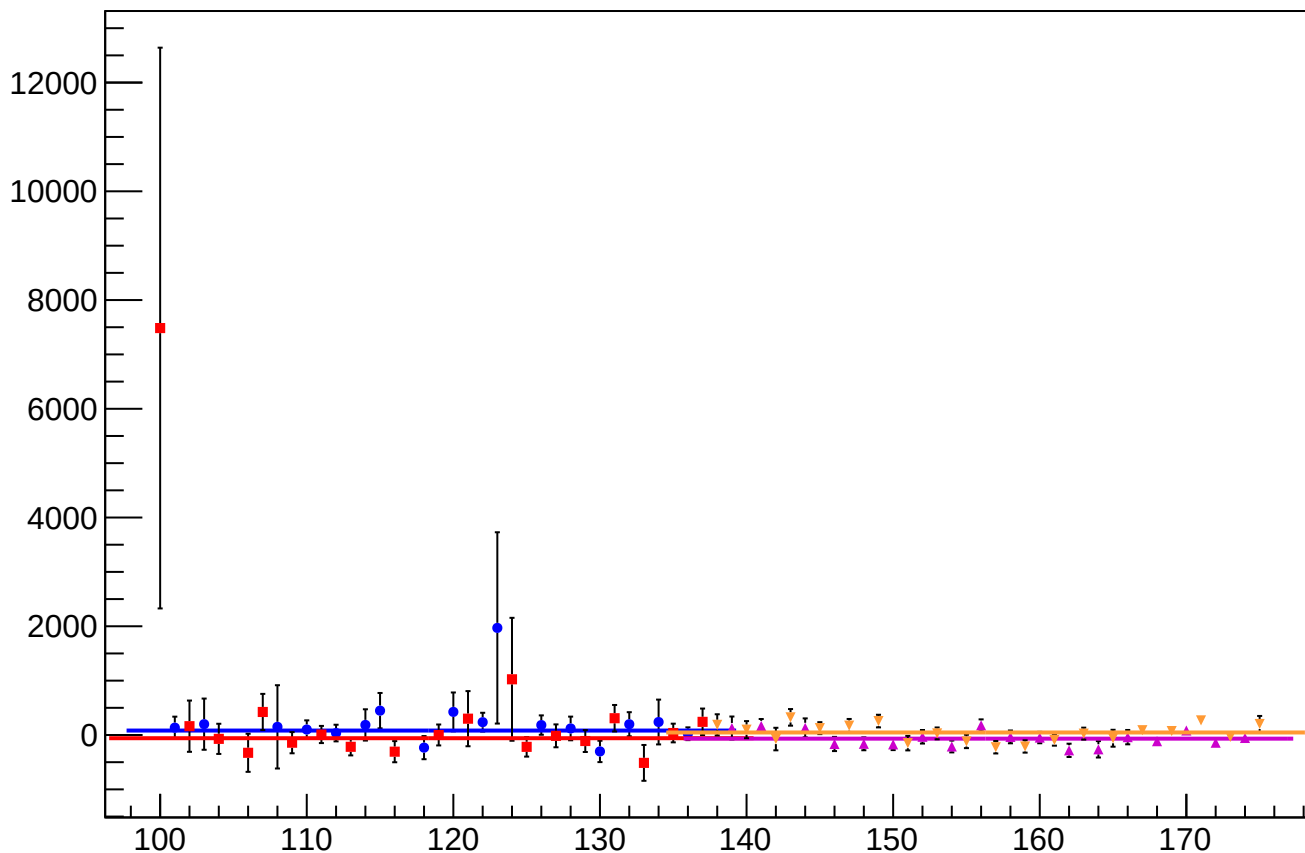
Left In: 2103.952 $\pm$ 0.398 χ^2 /NDF: 361065.7/17

+ sign 2275.169 $\pm$ 0.360 χ^2 /NDF: 3400428.2/36

All: 2297.291 $\pm$ 0.259 χ^2 /NDF: 7186761.2/73

- sign 2321.084 $\pm$ 0.373 χ^2 /NDF: 3778478.3/36

dit_asym_sam3_mean vs Slug



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

Left Out: 46.588 ± 25.387 χ^2/NDF : 35.6/19

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

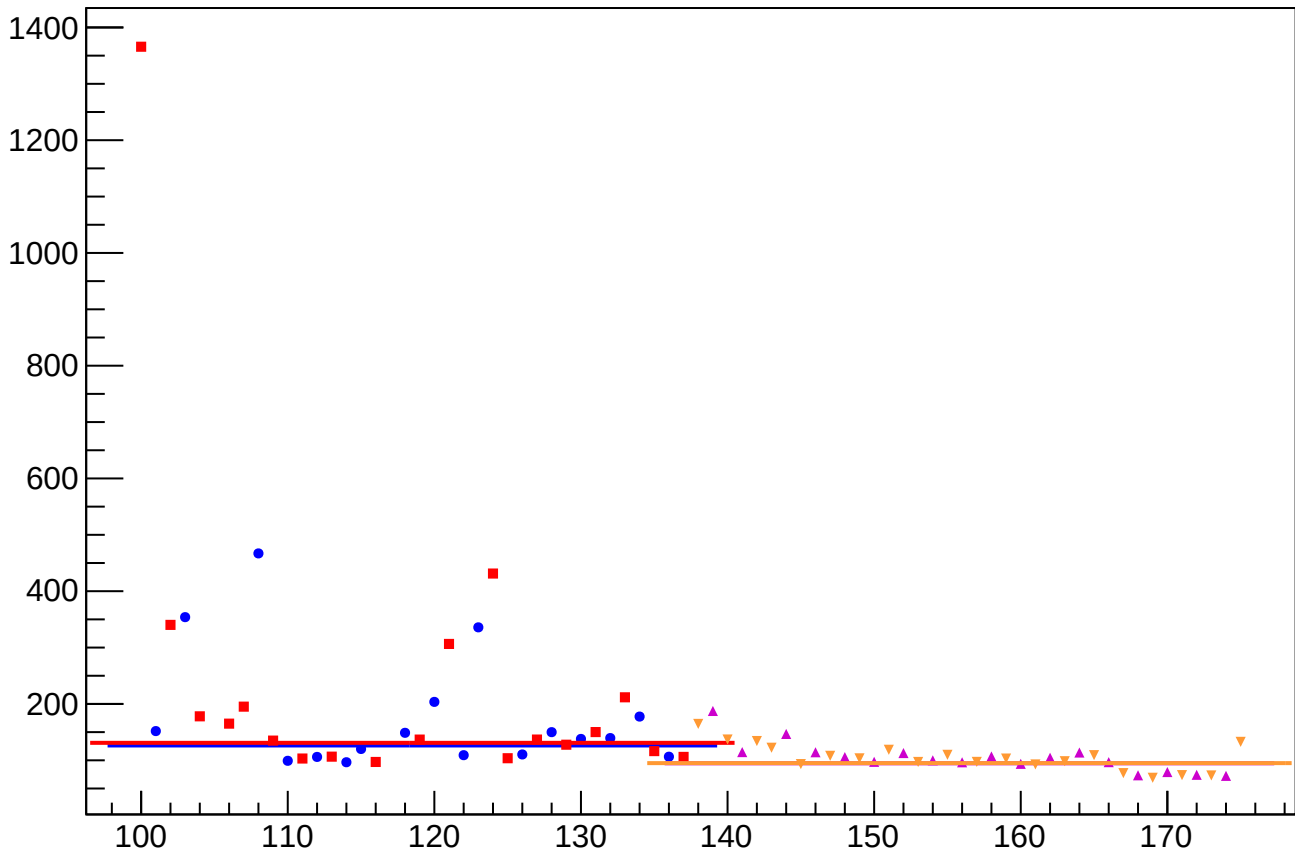
Left In: -67.122 ± 26.110 χ^2/NDF : 23.4/17

+ sign 53.395 ± 22.806 χ^2/NDF : 47.5/36

All: -4.453 ± 16.344 χ^2/NDF : 100.5/73

- sign -65.545 ± 23.436 χ^2/NDF : 39.8/36

dit_asym_sam3_rms vs Slug



Right In: 126.339 ± 0.037 $\chi^2/\text{NDF}: 1310585.0/16$

Left Out: 95.022 ± 0.018 $\chi^2/\text{NDF}: 1382904.4/19$

+ sign 101.068 ± 0.016 $\chi^2/\text{NDF}: 3280963.0/36$

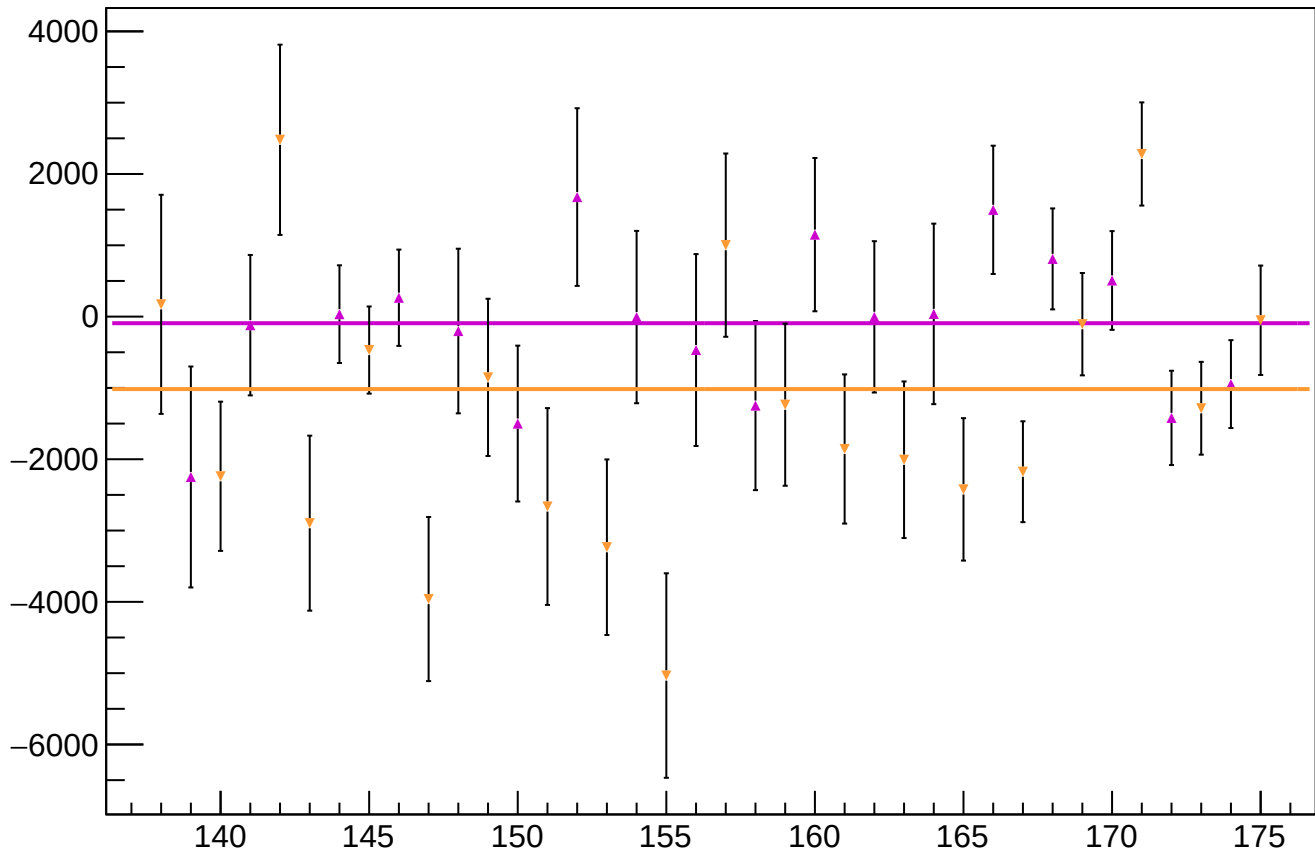
Right Out: 131.007 ± 0.038 $\chi^2/\text{NDF}: 1429260.8/18$

All: 101.401 ± 0.012 $\chi^2/\text{NDF}: 6720410.2/73$

Left In: 94.697 ± 0.018 $\chi^2/\text{NDF}: 1257696.8/17$

- sign 101.753 ± 0.017 $\chi^2/\text{NDF}: 3438569.3/36$

asym_sam3_correction_mean vs Slug



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

Left Out: -1016.093+/-210.666 χ^2/NDF : 63.8/19

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

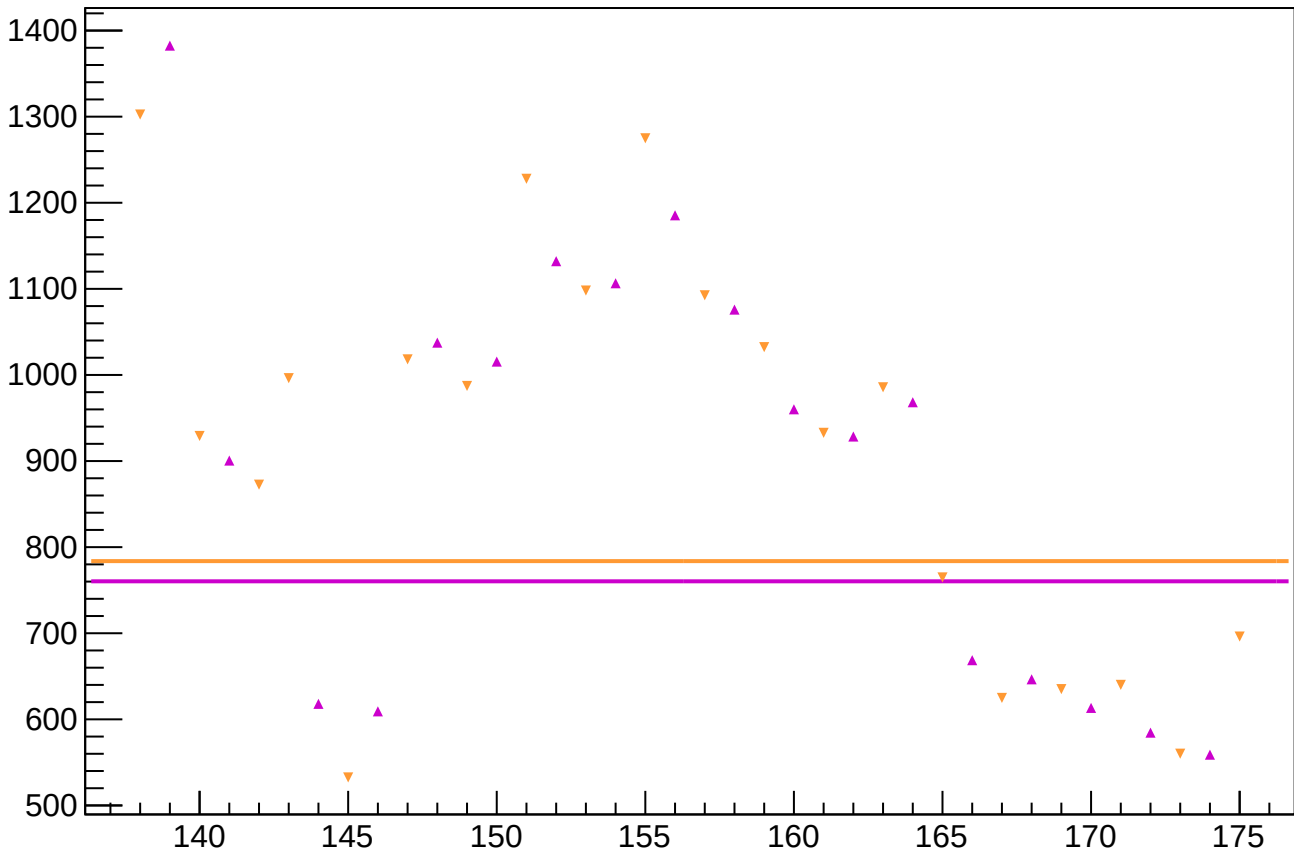
Left In: -92.538+/-210.480 χ^2/NDF : 19.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -553.906+/-148.898 χ^2/NDF : 93.2/37

- 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: 783.774+/-0.149 χ^2/NDF :2245169.6/19

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

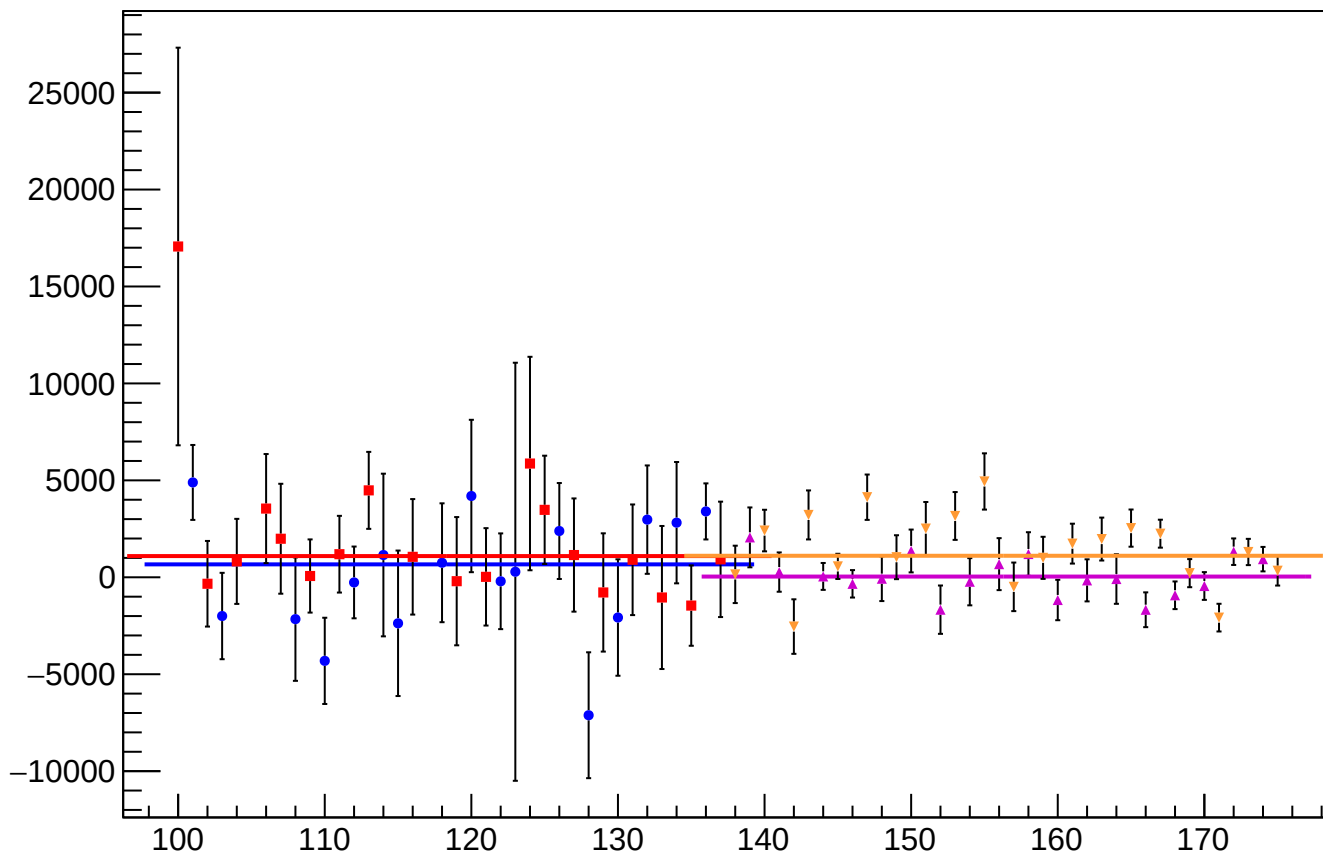
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.036+/-0.105 χ^2/NDF : 4406289.2/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 760.319+/-0.149 χ^2/NDF :2148713.1/17

asym_sam3_mean vs Slug



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

Left Out: 1110.101 ± 213.165 χ^2/NDF : 59.5/19

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

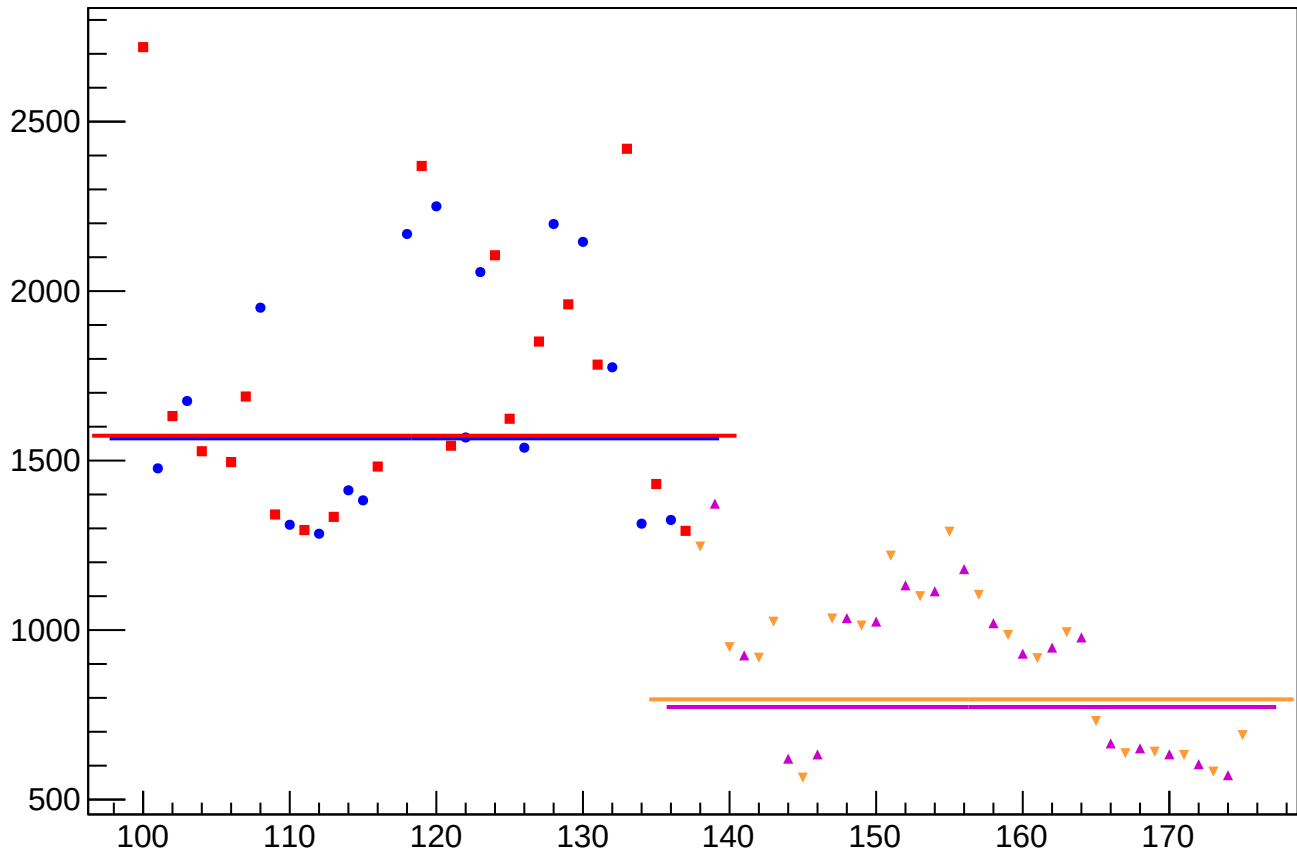
Left In: 37.517 ± 213.727 χ^2/NDF : 19.6/17

+ sign 1063.044 ± 201.544 χ^2/NDF : 85.6/36

All: 609.067 ± 142.474 χ^2/NDF : 129.0/73

- sign 155.583 ± 201.434 χ^2/NDF : 33.3/36

asym_sam3_rms vs Slug



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

Left Out: 795.608 $\pm$ 0.151 χ^2 /NDF: 2075005.4/19

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

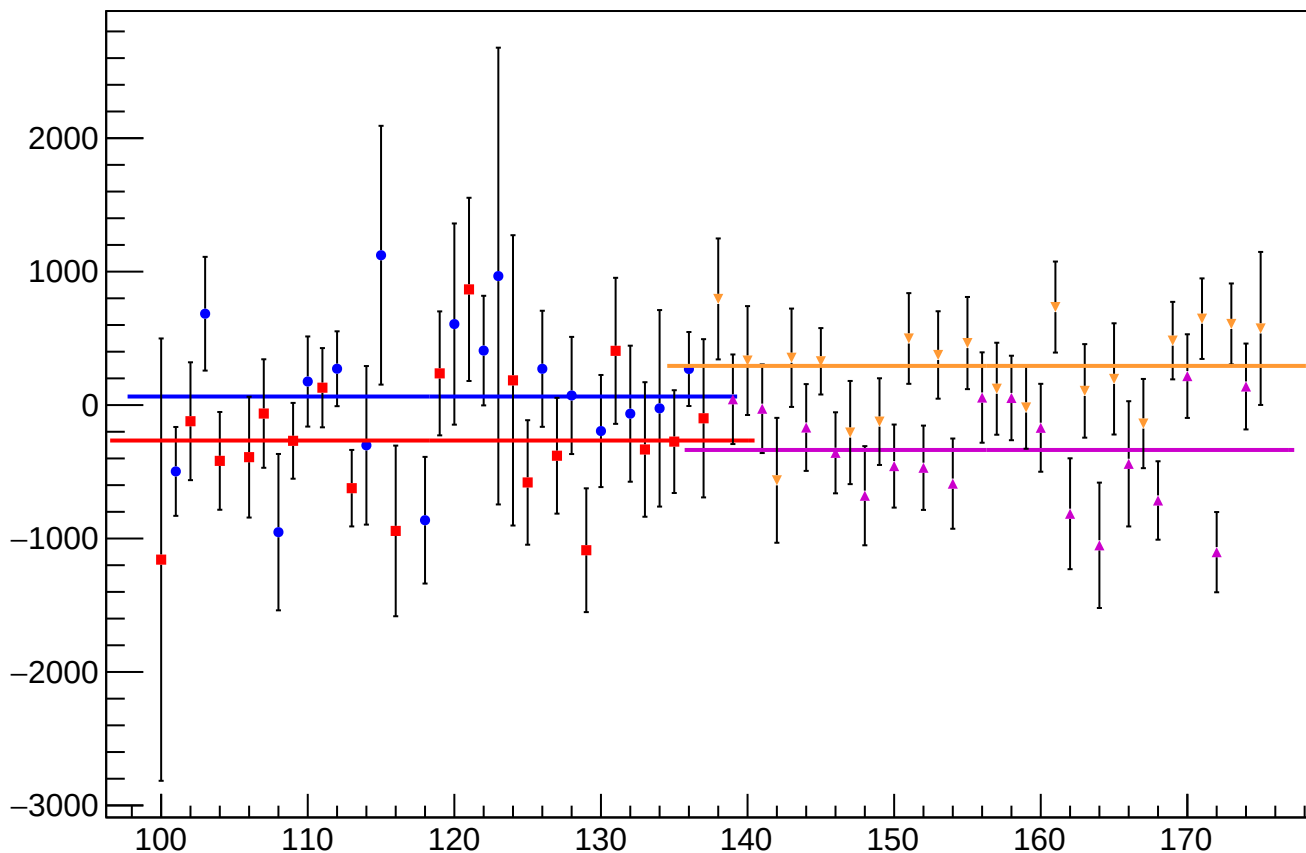
Left In: 773.082 $\pm$ 0.151 χ^2 /NDF: 1970397.6/17

+ sign 877.282 $\pm$ 0.143 χ^2 /NDF: 5333864.9/36

All: 869.883 $\pm$ 0.101 χ^2 /NDF: 10904621.2/73

- sign 862.493 $\pm$ 0.142 χ^2 /NDF: 5565369.4/36

dit_asym_sam4_mean vs Slug



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

Left Out: 293.535 ± 77.028 χ^2/NDF : 16.7/19

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

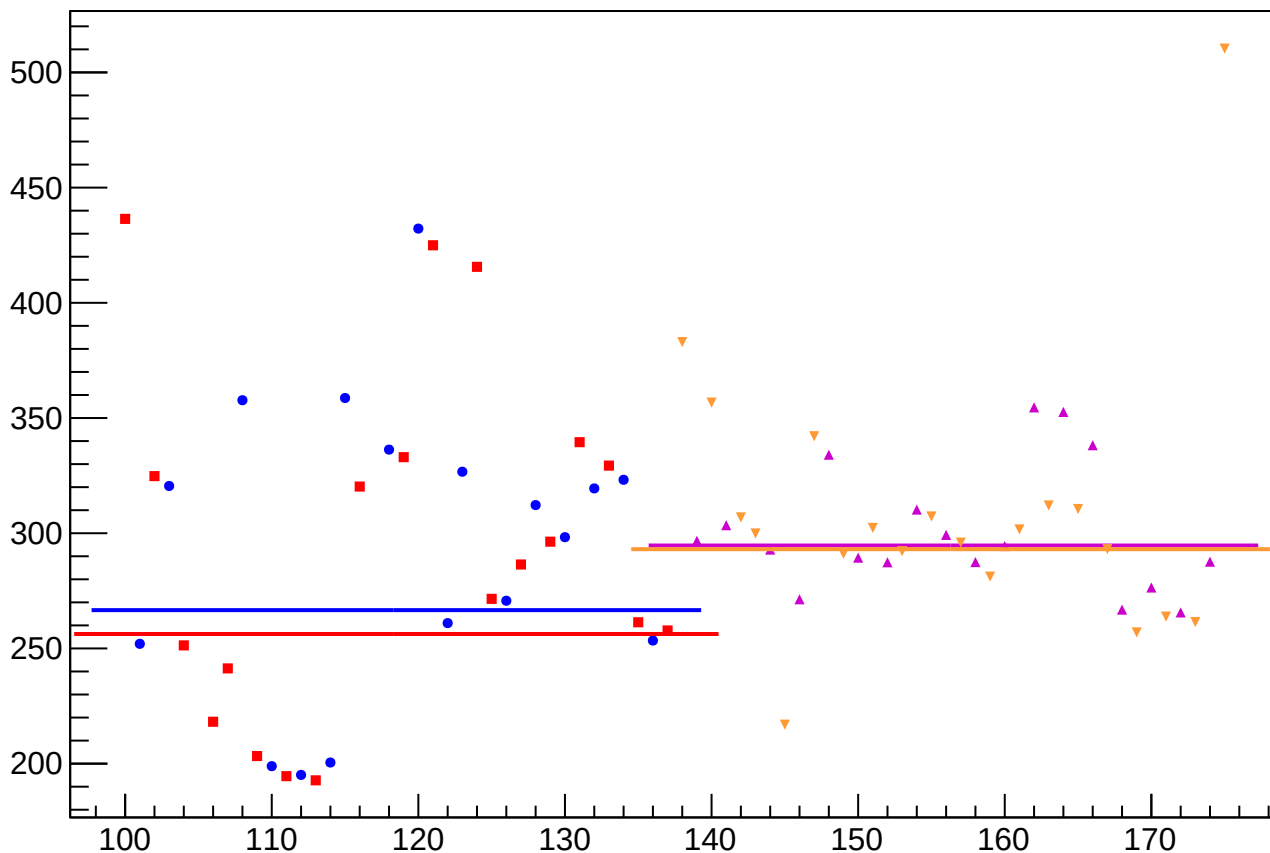
Left In: -336.392 ± 79.099 χ^2/NDF : 24.4/17

+ sign 213.590 ± 62.177 χ^2/NDF : 36.5/36

All: -48.900 ± 43.864 χ^2/NDF : 111.4/73

- sign -308.961 ± 61.889 χ^2/NDF : 39.4/36

dit_asym_sam4_rms vs Slug



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

Left Out: 293.075 $\pm$ 0.054 χ^2 /NDF: 726395.3/19

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

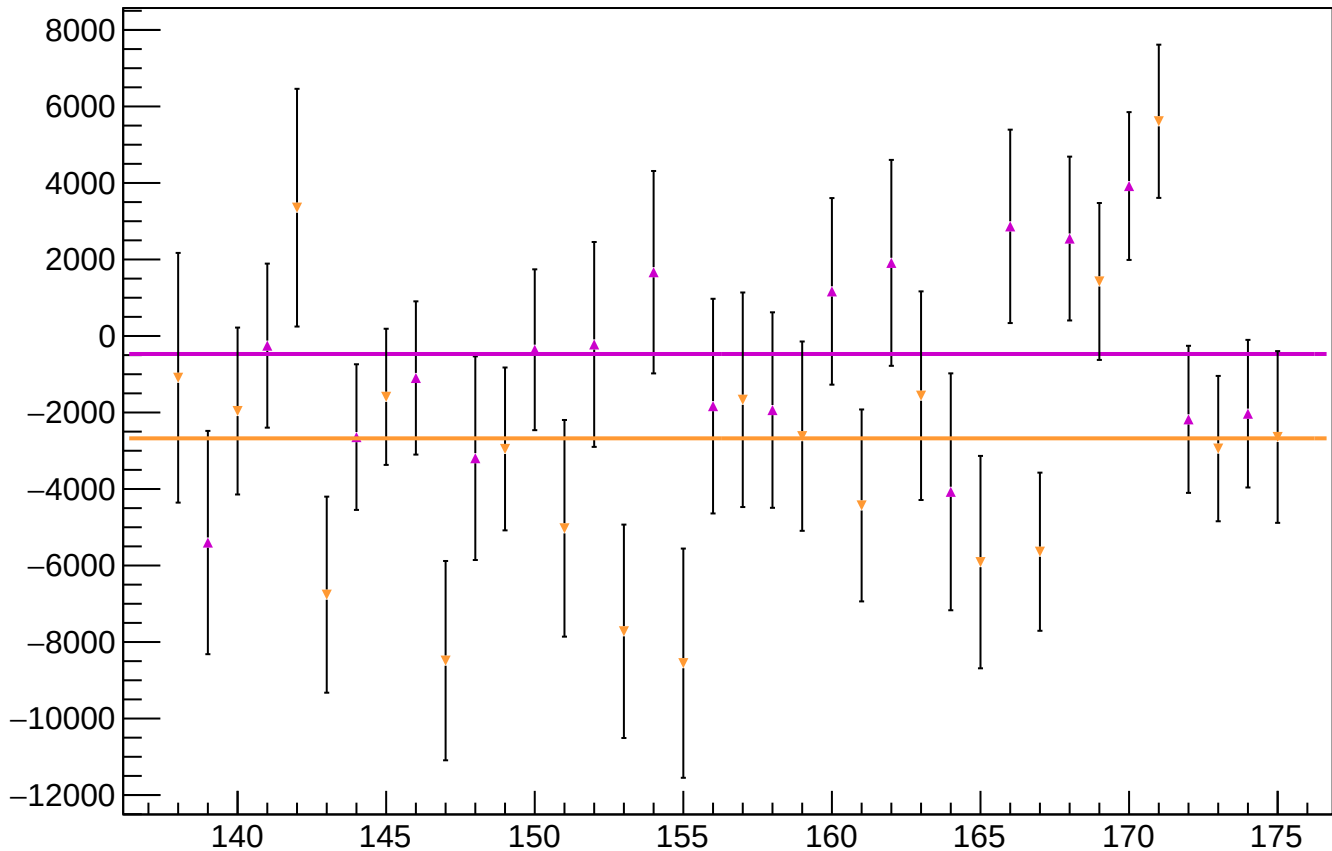
Left In: 294.675 $\pm$ 0.056 χ^2 /NDF: 176751.8/17

+ sign 283.859 $\pm$ 0.044 χ^2 /NDF: 1359319.7/36

All: 281.810 $\pm$ 0.031 χ^2 /NDF: 2420156.7/73

- sign 279.780 $\pm$ 0.044 χ^2 /NDF: 1056512.9/36

asym_sam4_correction_mean vs Slug



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

Left Out: -2675.715+/-533.114 χ^2/NDF : 45.2/19

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

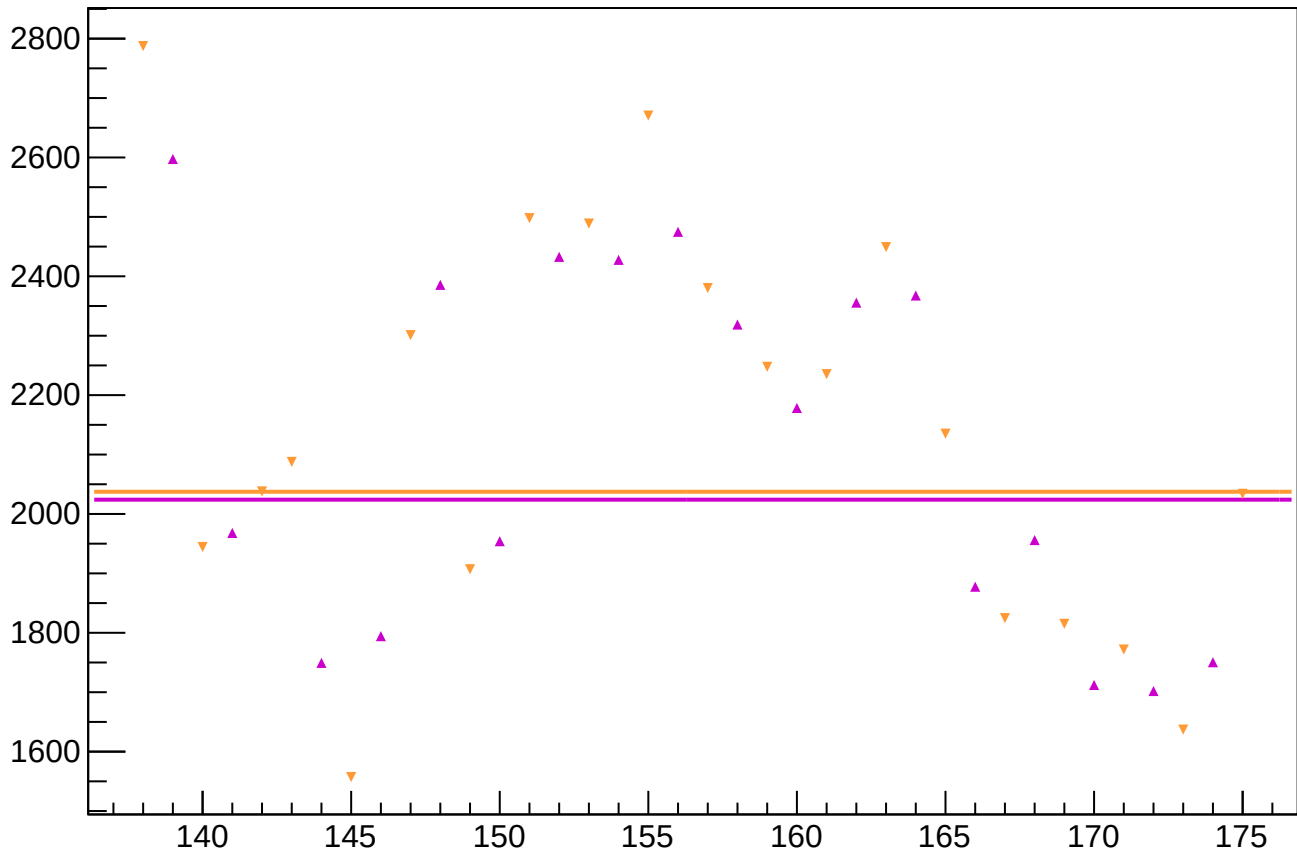
Left In: -470.673+/-543.745 χ^2/NDF : 19.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1594.961+/-380.671 χ^2/NDF : 73.0/37

- 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: 2037.393+/-0.377 χ^2/NDF : 751757.5/19

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

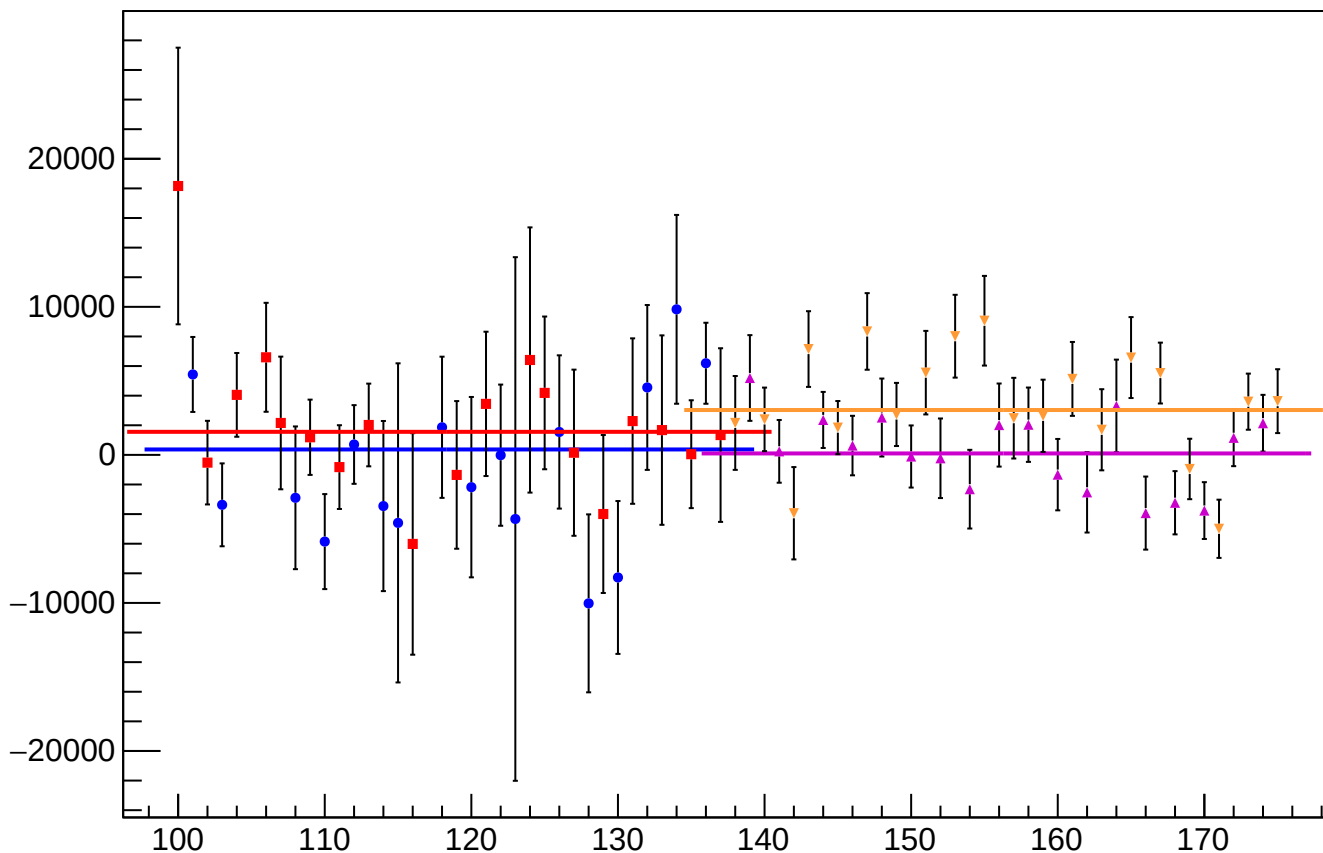
Left In: 2024.054+/-0.384 χ^2/NDF : 577179.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2030.855+/-0.269 χ^2/NDF : 1329551.1/37

- 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: 3030.014+/-529.010 χ^2/NDF : 45.2/19

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

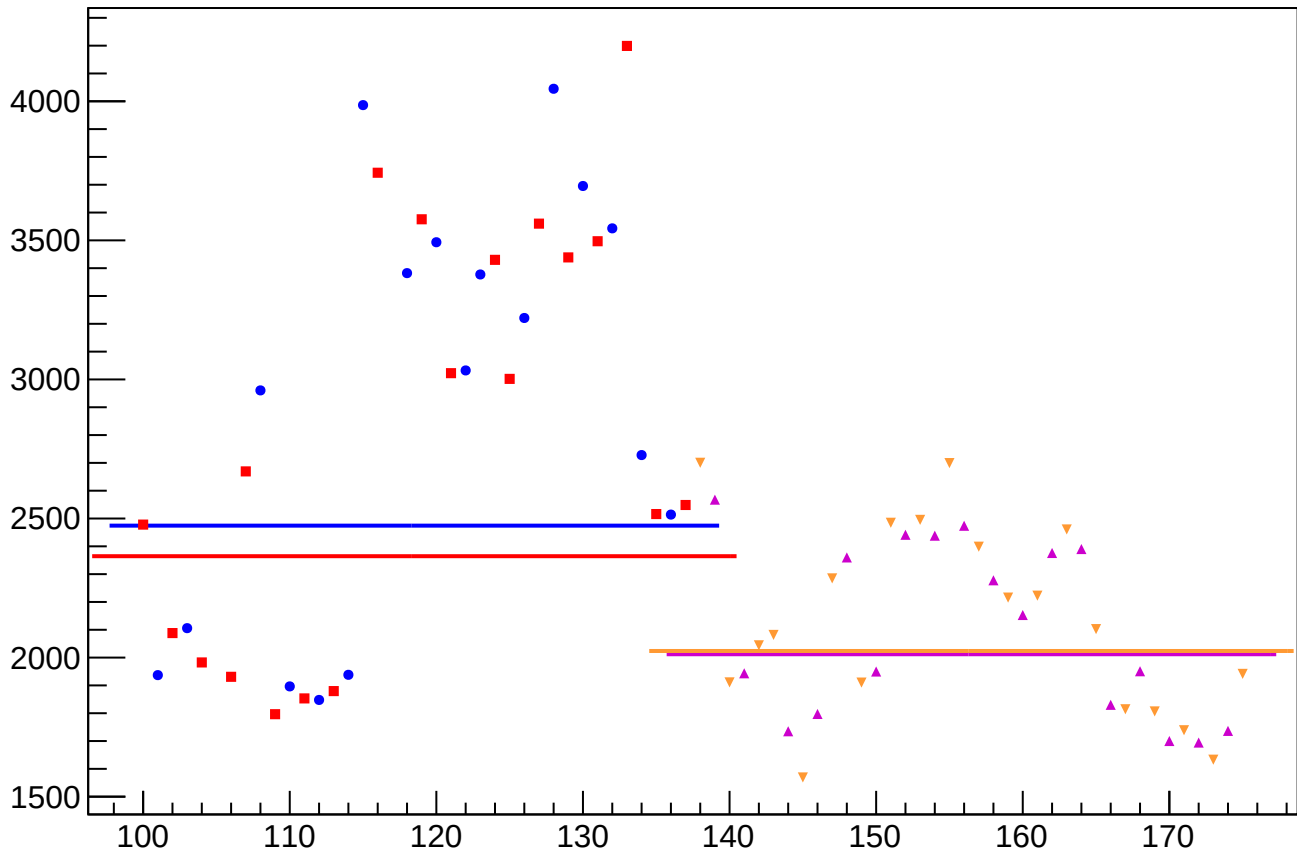
Left In: 97.748+/-541.065 χ^2/NDF : 20.3/17

+ sign 2440.703+/-466.835 χ^2/NDF : 74.9/36

All: 1455.725+/-330.127 χ^2/NDF : 116.5/73

- sign 470.447+/-466.906 χ^2/NDF : 32.7/36

asym_sam4_rms vs Slug



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2023.754 $\pm$ 0.374 χ^2 /NDF: 750603.0/19

Right Out: 2364.507 $\pm$ 0.653 χ^2 /NDF: 1023402.8/18

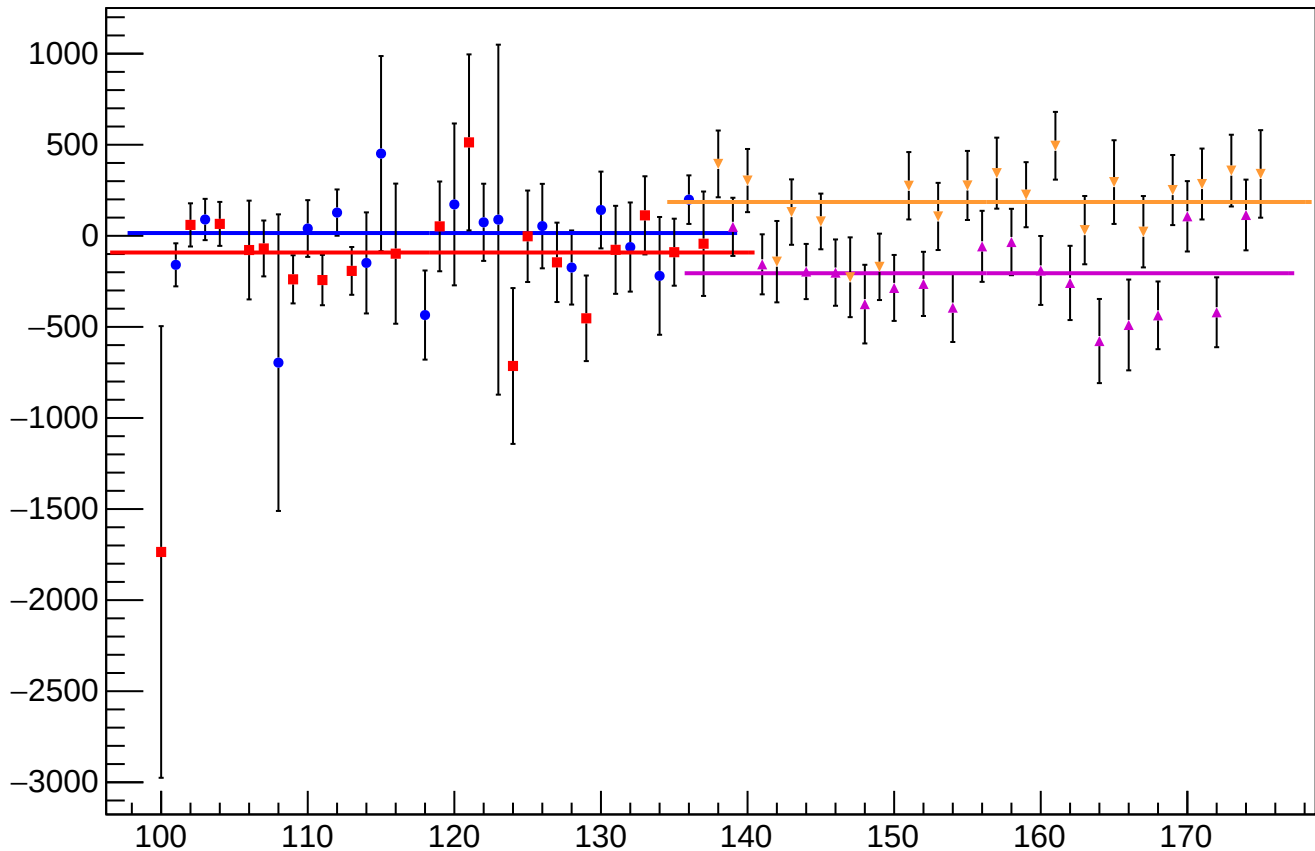
Left In: 2012.045 $\pm$ 0.383 χ^2 /NDF: 591077.5/17

+ sign 2123.457 $\pm$ 0.330 χ^2 /NDF: 1977960.3/36

All: 2112.751 $\pm$ 0.233 χ^2 /NDF: 3811249.6/73

- sign 2102.041 $\pm$ 0.330 χ^2 /NDF: 1831185.2/36

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 185.725+/-42.610 χ^2/NDF : 19.1/19

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

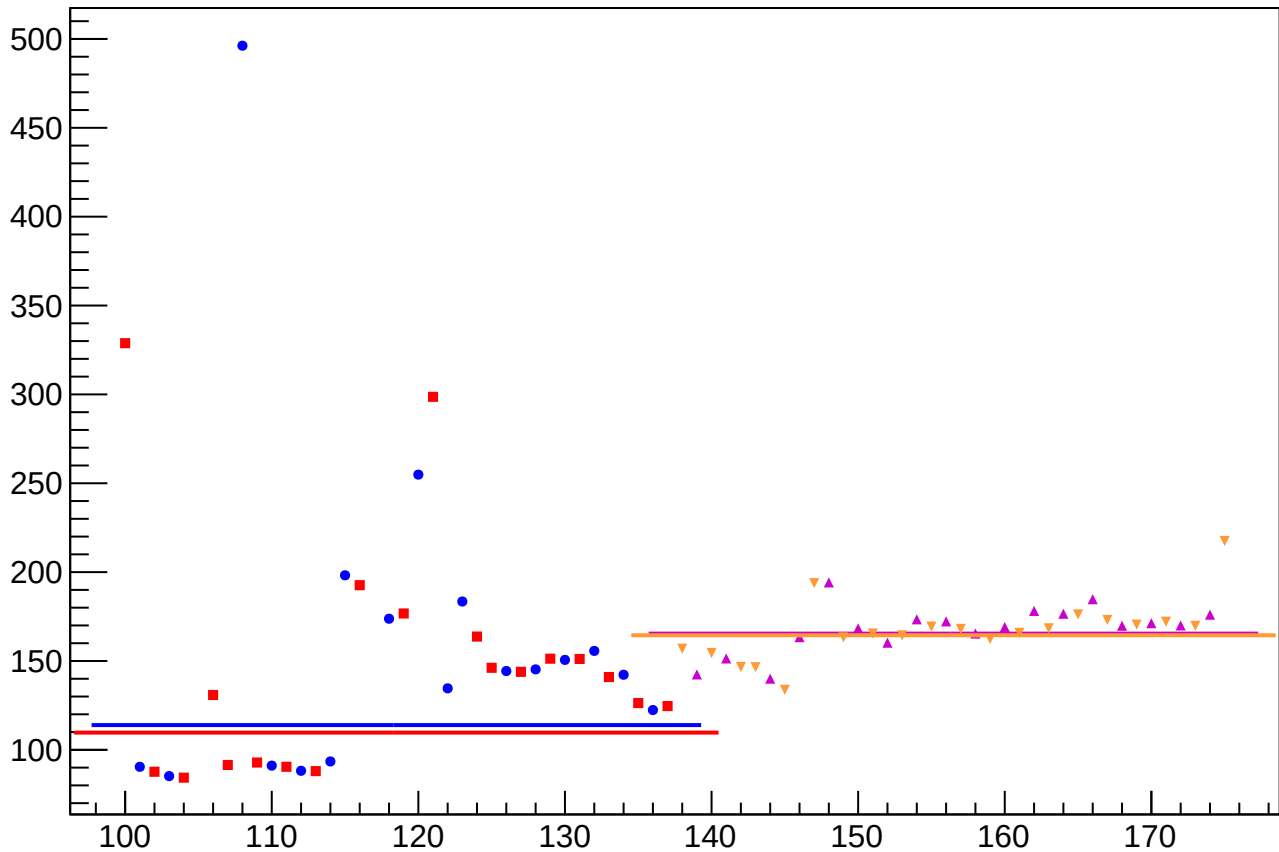
Left In: -205.368+/-44.077 χ^2/NDF : 18.1/17

+ sign 107.836+/-31.398 χ^2/NDF : 39.0/36

All: -21.898+/-22.022 χ^2/NDF : 109.8/73

- sign -147.514+/-30.895 χ^2/NDF : 37.2/36

dit_asym_sam5_rms vs Slug



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 164.479 $\pm$ 0.030 χ^2 /NDF: 275643.8/19

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

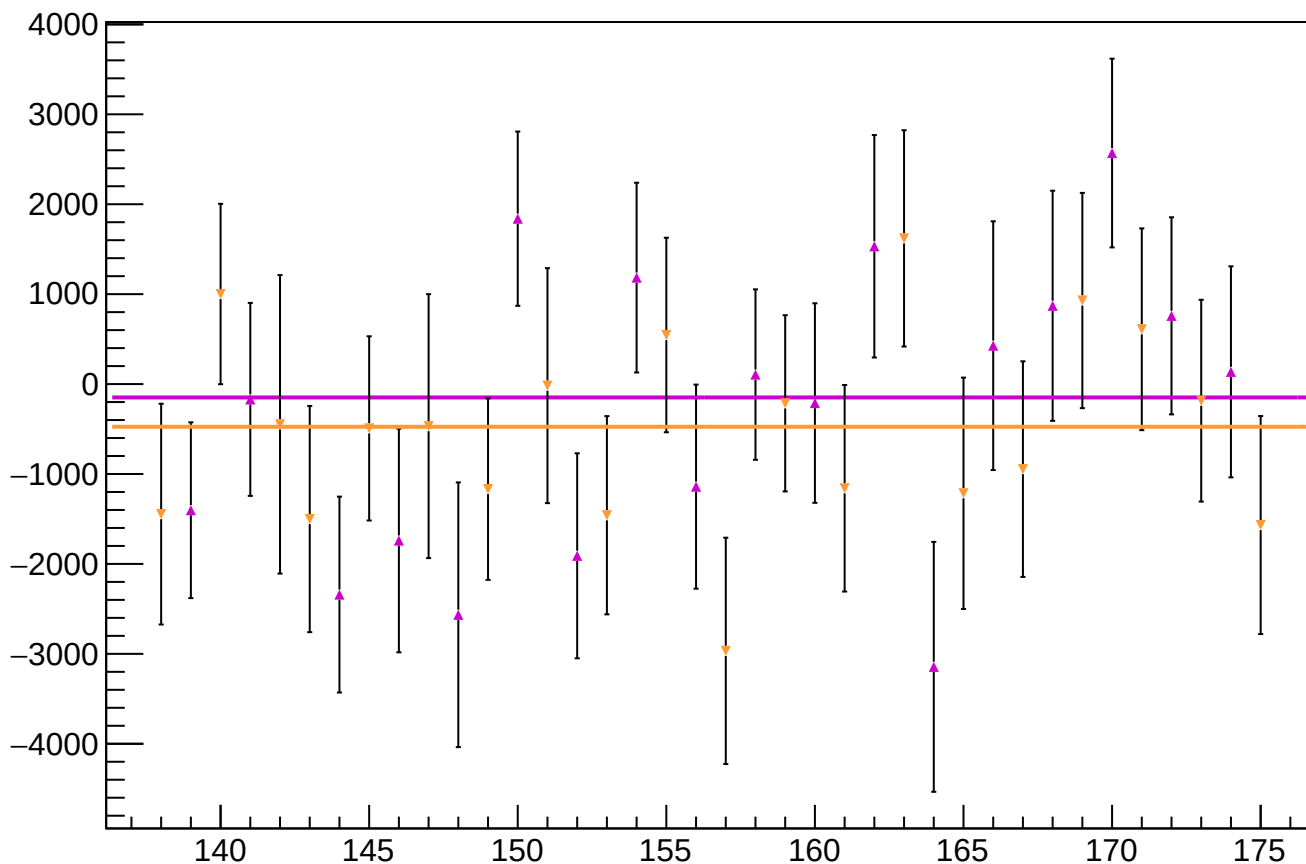
Left In: 165.402 $\pm$ 0.031 χ^2 /NDF: 191465.4/17

+ sign 141.377 $\pm$ 0.022 χ^2 /NDF: 2969836.7/36

All: 139.190 $\pm$ 0.016 χ^2 /NDF: 6046676.8/73

- sign 137.073 $\pm$ 0.022 χ^2 /NDF: 3057737.9/36

asym_sam5_correction_mean vs Slug



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

Left Out: -474.714+/-260.775 χ^2/NDF :16.8/19

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

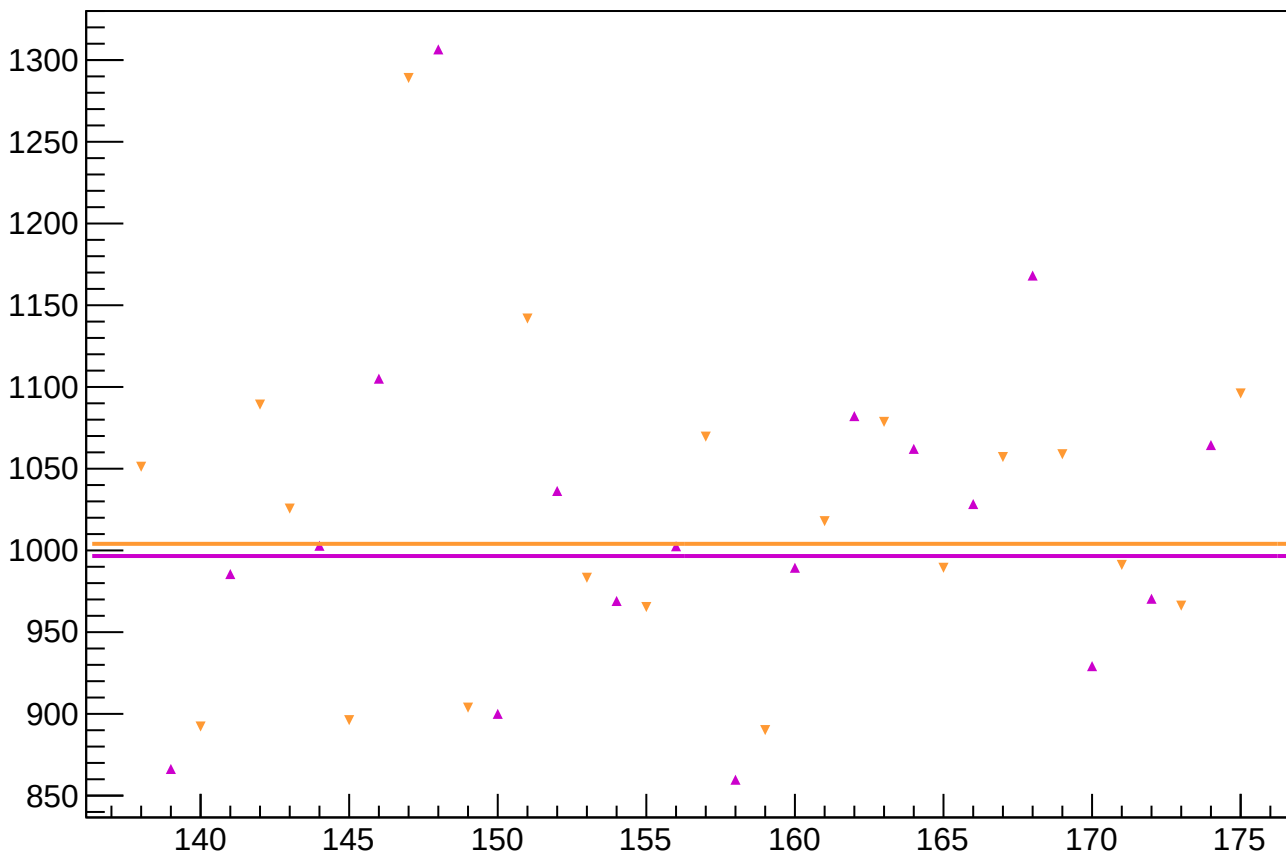
Left In: -148.752+/-266.553 χ^2/NDF :33.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.304+/-186.405 χ^2/NDF : 51.4/37

- 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: 1004.034+/-0.184 χ^2/NDF : 239373.9/19

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

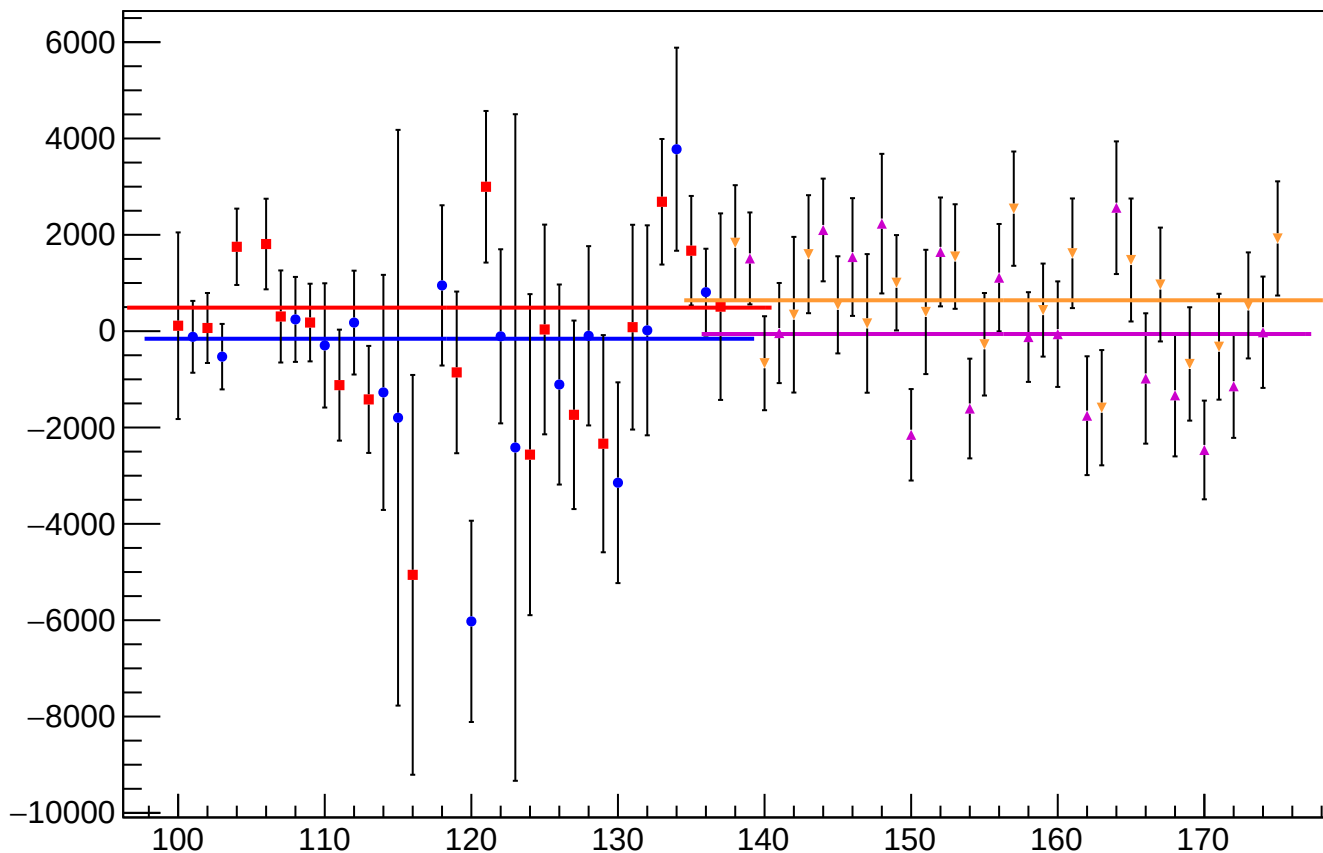
Left In: 996.576+/-0.188 χ^2/NDF : 272385.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1000.387+/-0.132 χ^2/NDF : 512559.6/37

- 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: 641.301 ± 255.734 χ^2/NDF : 15.7/19

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

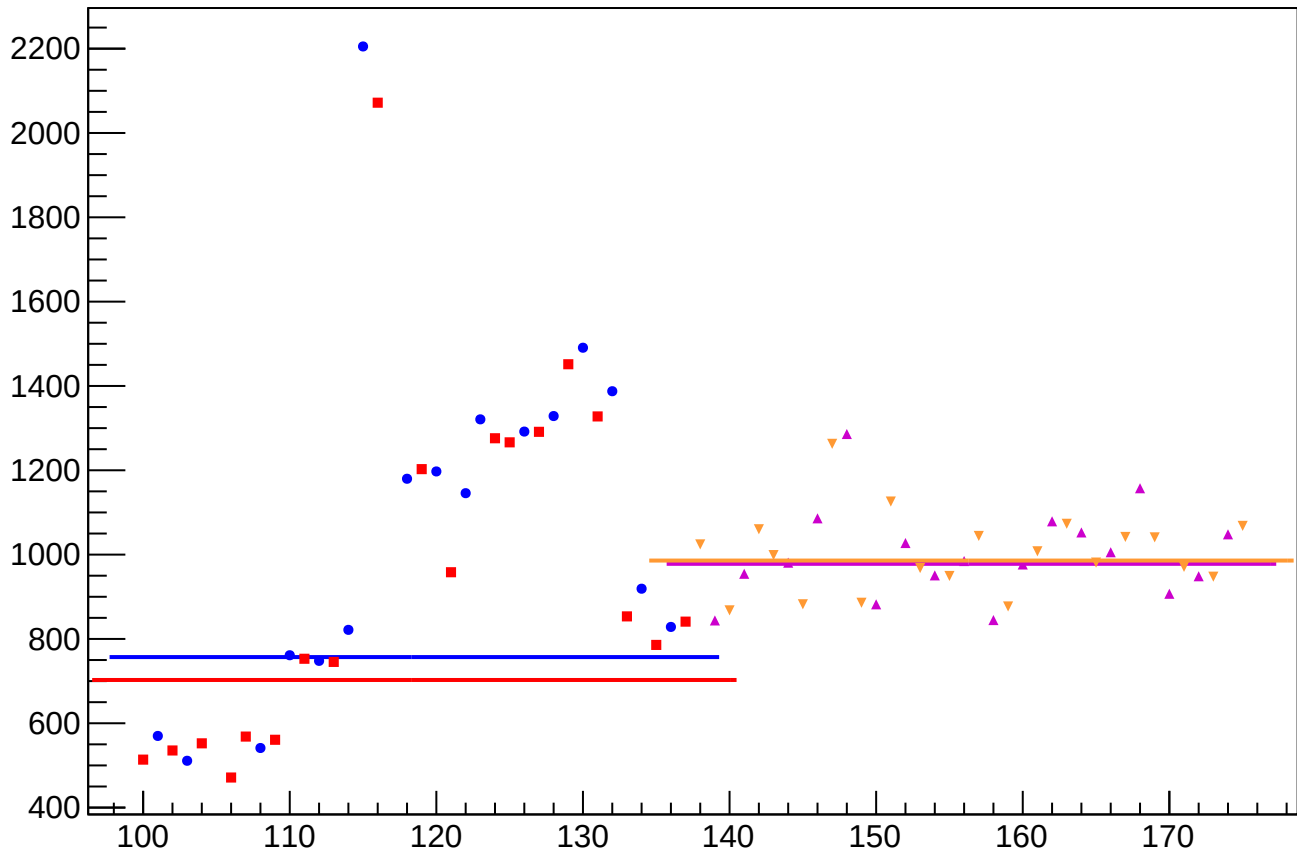
Left In: -58.763 ± 261.797 χ^2/NDF : 35.0/17

+ sign 321.040 ± 197.911 χ^2/NDF : 35.9/36

All: 255.563 ± 137.844 χ^2/NDF : 95.7/73

- sign 193.872 ± 192.102 χ^2/NDF : 59.7/36

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 985.905 $\pm$ 0.181 χ^2 /NDF: 240846.7/19

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

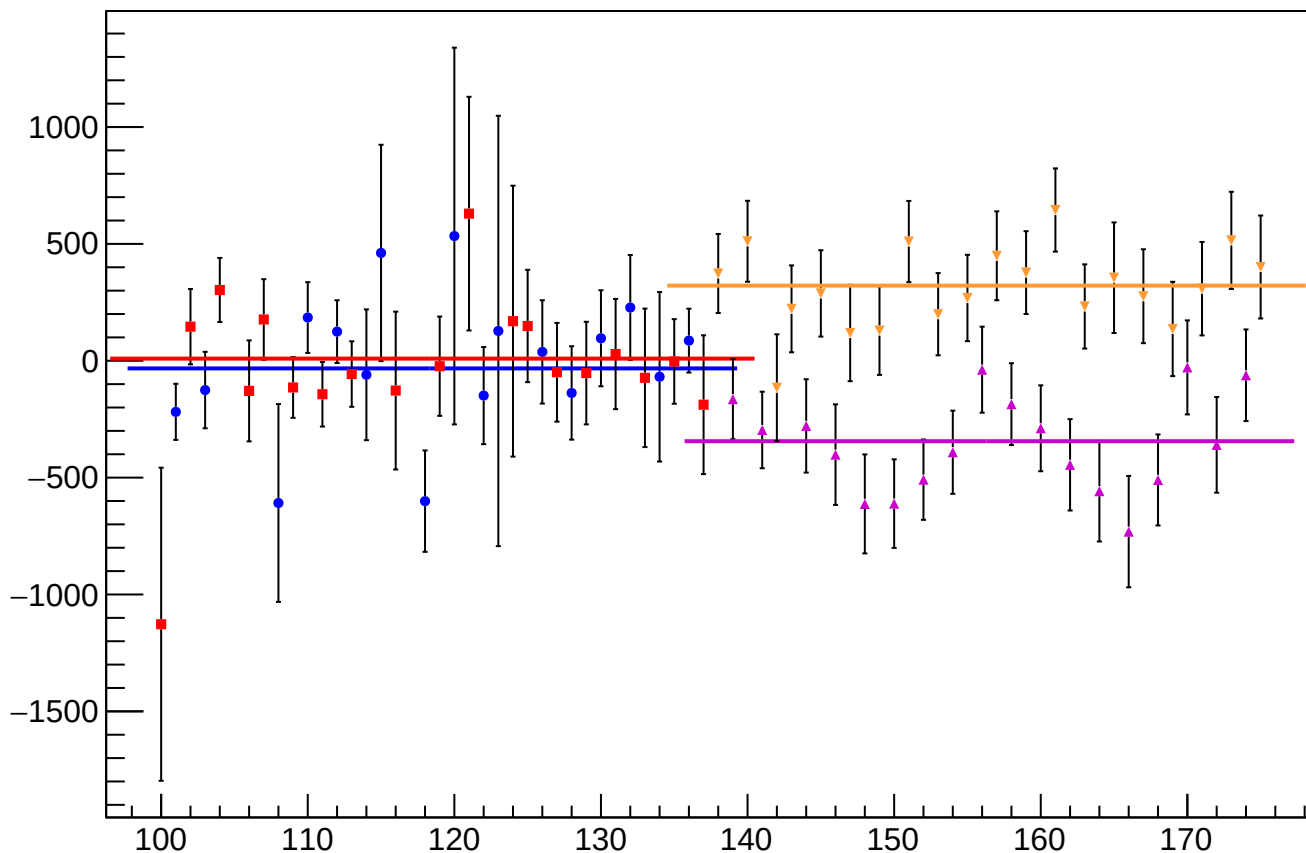
Left In: 978.158 $\pm$ 0.185 χ^2 /NDF: 291767.3/17

+ sign 894.088 $\pm$ 0.140 χ^2 /NDF: 2594913.1/36

All: 871.900 $\pm$ 0.097 χ^2 /NDF: 5647390.0/73

- sign 850.996 $\pm$ 0.136 χ^2 /NDF: 3003657.1/36

dit_asym_sam6_mean vs Slug



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

Left Out: 321.591 ± 42.653 χ^2/NDF : 15.0/19

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

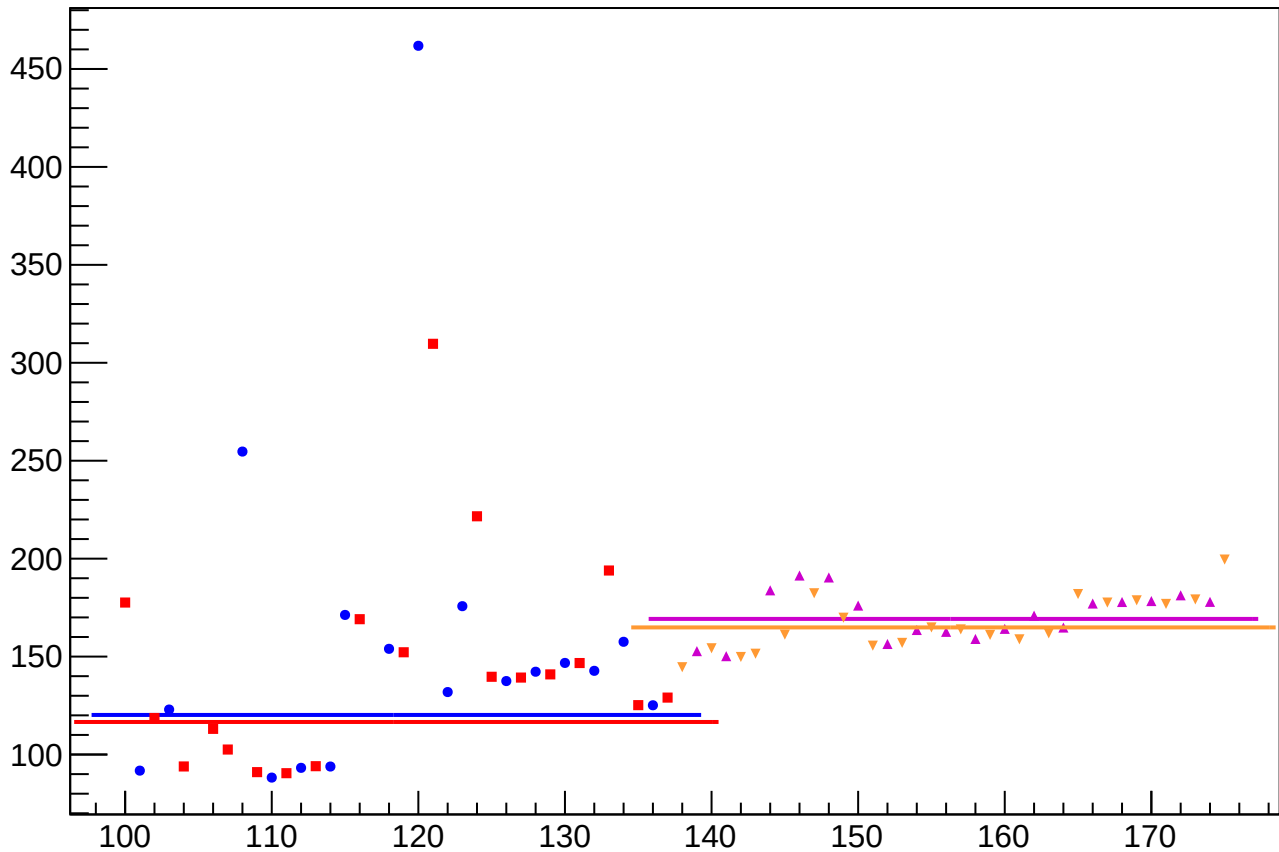
Left In: -344.115 ± 45.092 χ^2/NDF : 18.8/17

+ sign 166.834 ± 32.009 χ^2/NDF : 64.9/36

All: -0.999 ± 22.653 χ^2/NDF : 183.8/73

- sign -169.396 ± 32.063 χ^2/NDF : 63.8/36

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 164.895 $\pm$ 0.030 χ^2 /NDF:179603.9/19

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

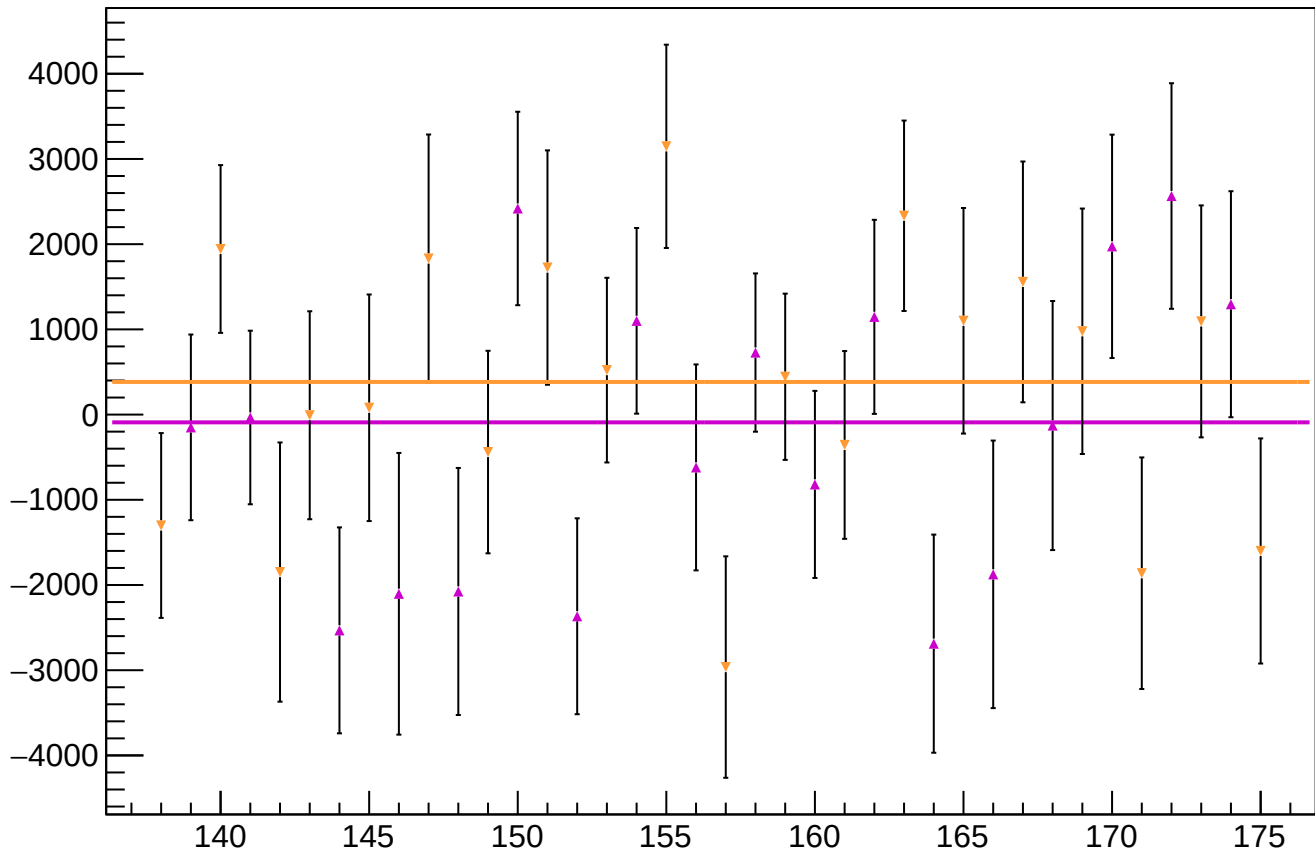
Left In: 169.238 $\pm$ 0.032 χ^2 /NDF:146031.2/17

+ sign 145.375 $\pm$ 0.023 χ^2 /NDF: 2200950.2/36

All: 144.300 $\pm$ 0.016 χ^2 /NDF: 4695951.5/73

- sign 143.222 $\pm$ 0.023 χ^2 /NDF: 2490486.7/36

asym_sam6_correction_mean vs Slug



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

Left Out: 383.221+/-274.317 χ^2/NDF : 31.6/19

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

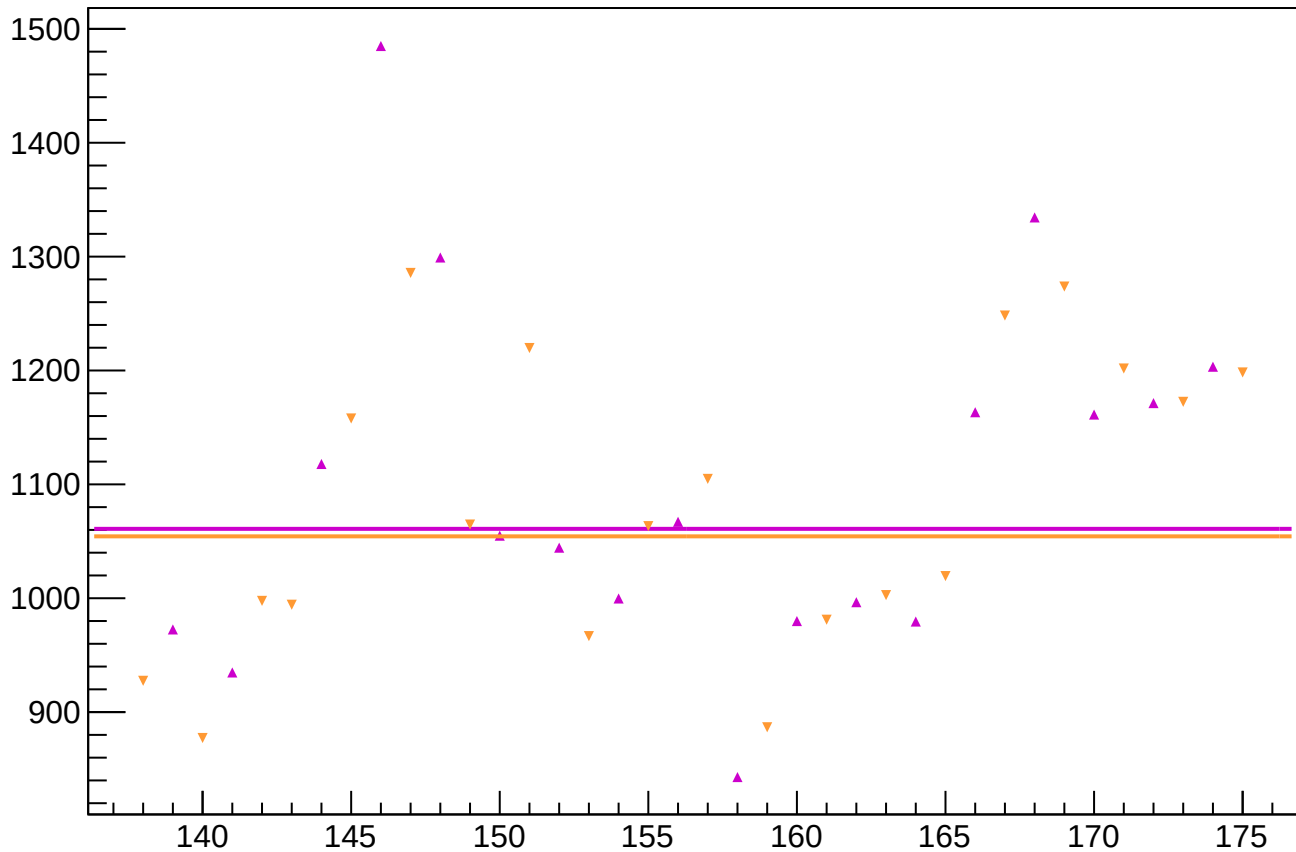
Left In: -91.109+/-284.456 χ^2/NDF : 33.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.660+/-197.458 χ^2/NDF : 66.1/37

- 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: 1054.346+/-0.194 χ^2/NDF : 427562.3/19

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

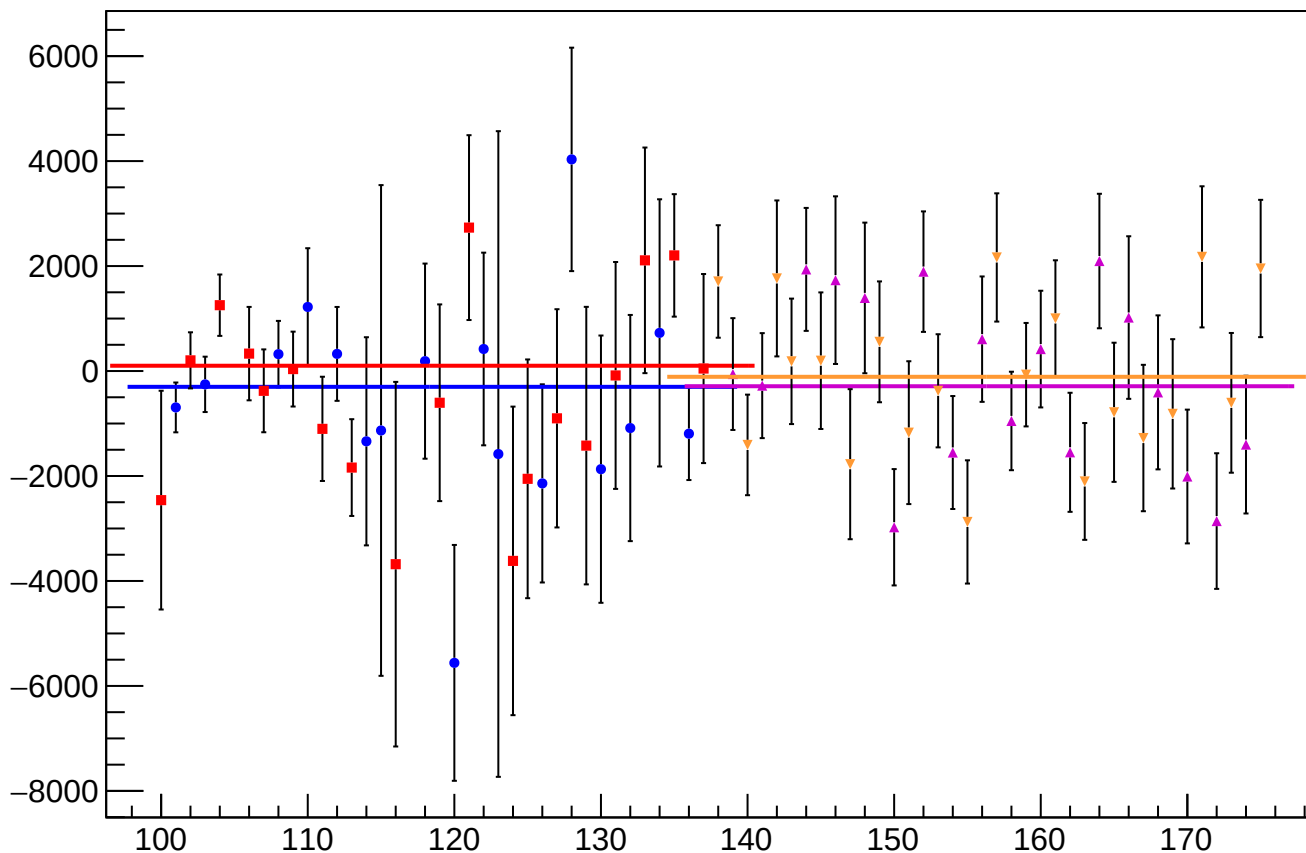
Left In: 1060.938+/-0.201 χ^2/NDF : 503481.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1057.523+/-0.140 χ^2/NDF : 931600.4/37

- 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: -109.950 ± 270.429 χ^2/NDF : 28.7/19

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

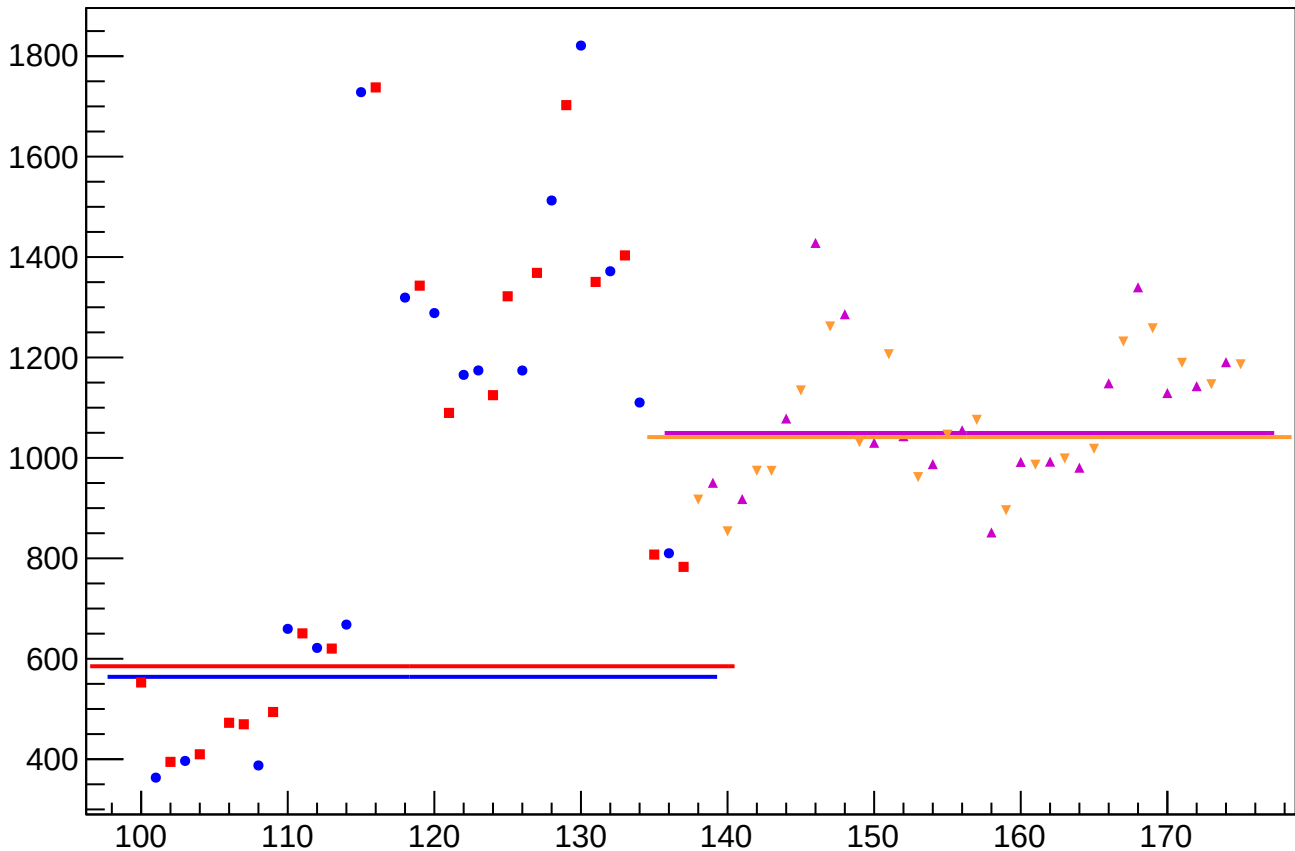
Left In: -289.801 ± 281.347 χ^2/NDF : 30.9/17

+ sign -212.947 ± 183.591 χ^2/NDF : 45.8/36

All: -141.292 ± 130.378 χ^2/NDF : 100.7/73

- sign -68.389 ± 185.184 χ^2/NDF : 54.5/36

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1041.446 $\pm$ 0.191 χ^2 /NDF: 410962.8/19

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

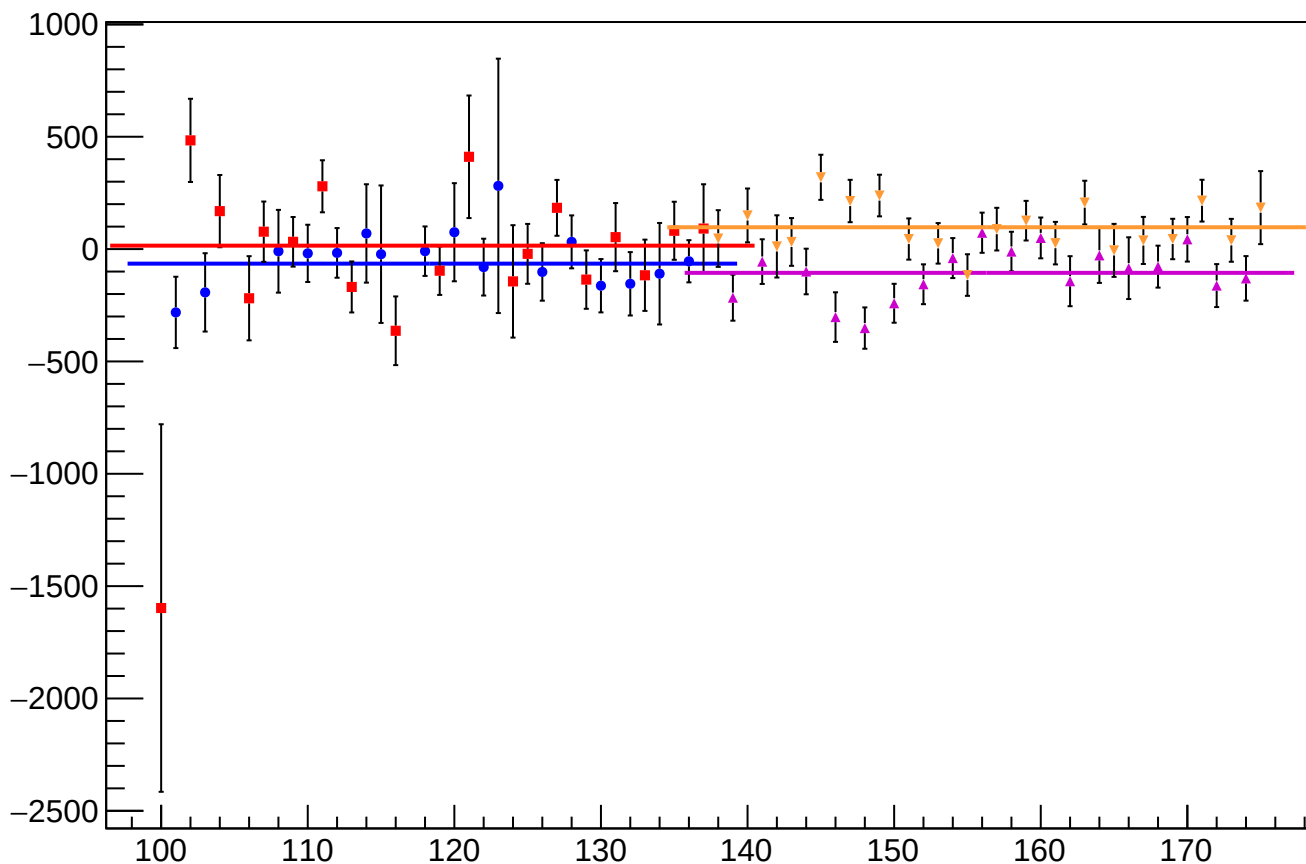
Left In: 1049.620 $\pm$ 0.199 χ^2 /NDF: 460185.5/17

+ sign 784.052 $\pm$ 0.130 χ^2 /NDF: 7033254.6/36

All: 785.181 $\pm$ 0.092 χ^2 /NDF: 13404840.1/73

- sign 786.329 $\pm$ 0.131 χ^2 /NDF: 6371433.1/36

dit_asym_sam7_mean vs Slug



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

Left Out: 97.204 ± 22.550 χ^2/NDF : 21.7/19

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

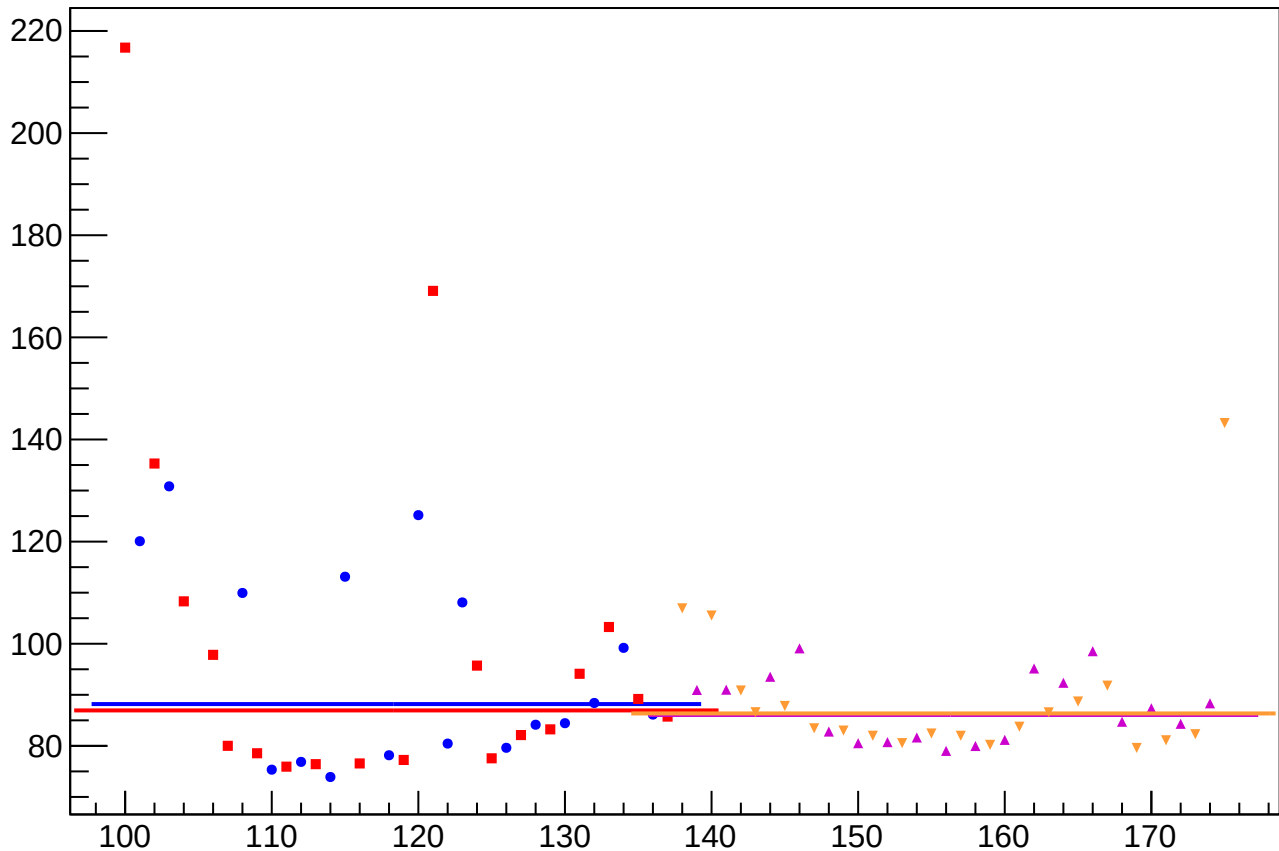
Left In: -105.718 ± 23.037 χ^2/NDF : 26.5/17

+ sign 48.966 ± 18.896 χ^2/NDF : 43.3/36

All: -8.670 ± 13.387 χ^2/NDF : 132.3/73

- sign -66.741 ± 18.968 χ^2/NDF : 70.3/36

dit_asym_sam7_rms vs Slug



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

Left Out: 86.352 $\pm$ 0.016 χ^2 /NDF: 415720.7/19

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

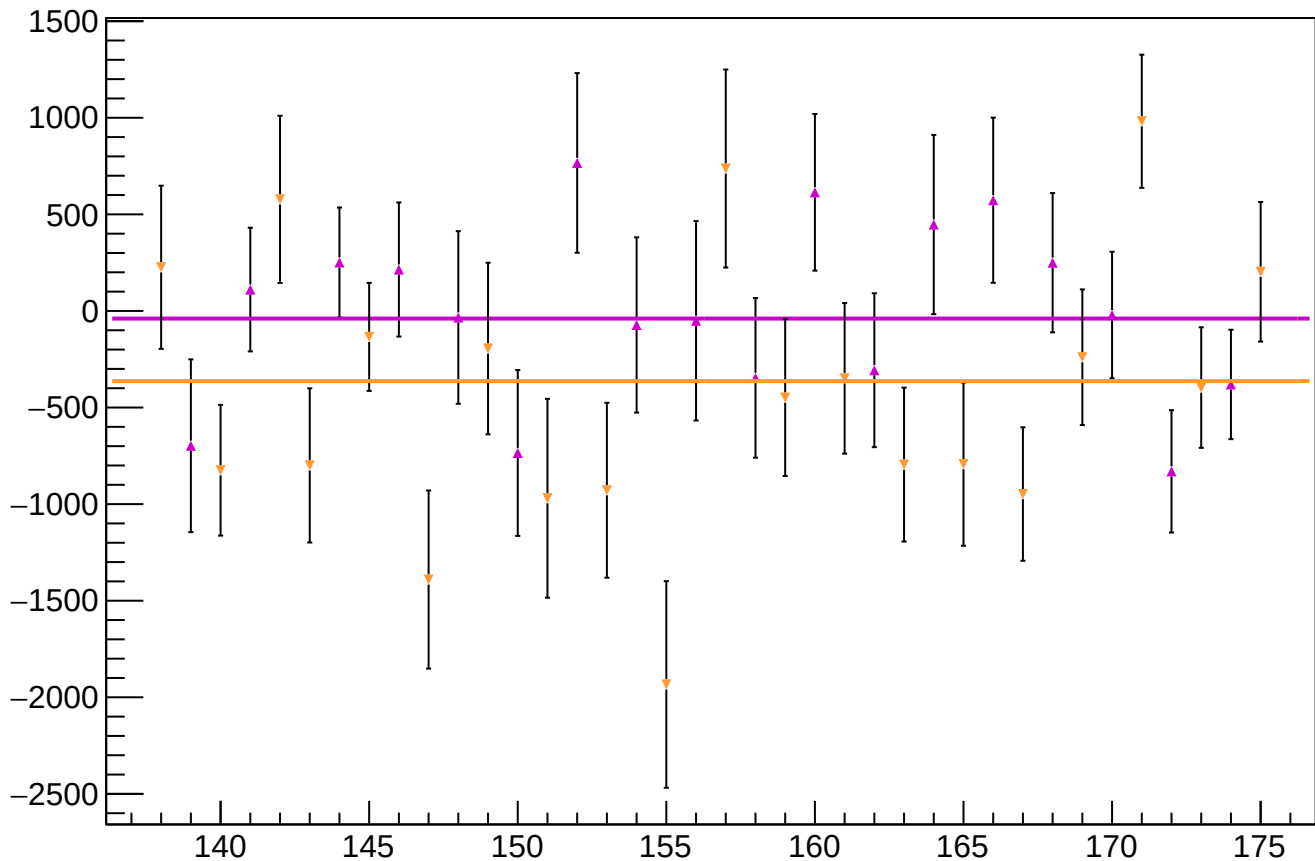
Left In: 86.053 $\pm$ 0.016 χ^2 /NDF: 136423.4/17

+ sign 86.898 $\pm$ 0.013 χ^2 /NDF: 814107.2/36

All: 86.620 $\pm$ 0.009 χ^2 /NDF: 1483722.5/73

- sign 86.340 $\pm$ 0.013 χ^2 /NDF: 668744.5/36

asym_sam7_correction_mean vs Slug



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

Left Out: -363.054 $\pm$ 87.080 χ^2 /NDF: 54.6/19

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

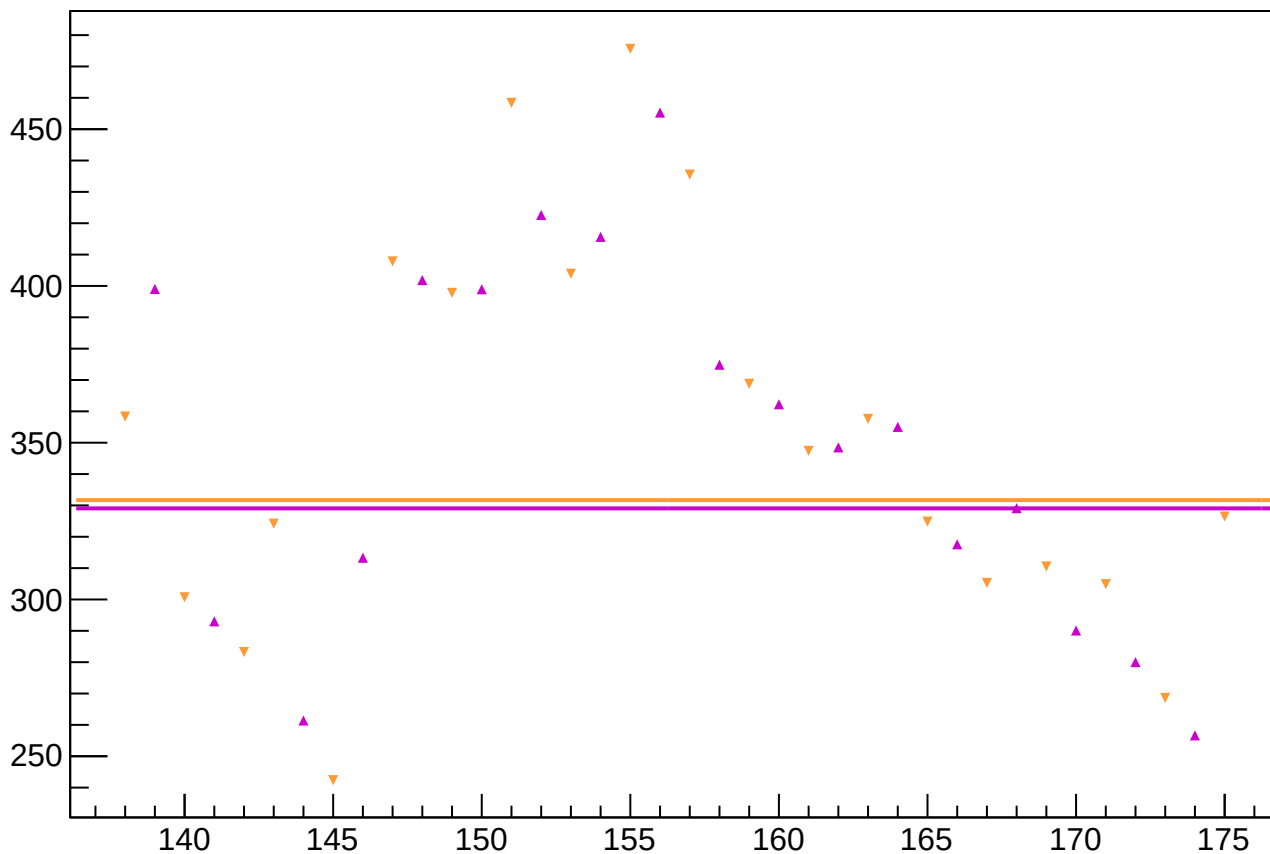
Left In: -39.458 $\pm$ 88.769 χ^2 /NDF: 24.7/17

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

All: -204.364 $\pm$ 62.163 χ^2 /NDF: 86.1/37

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

asym_sam7_correction_rms vs Slug



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

Left Out: 331.683+/-0.062 χ^2/NDF : 894792.3/19

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

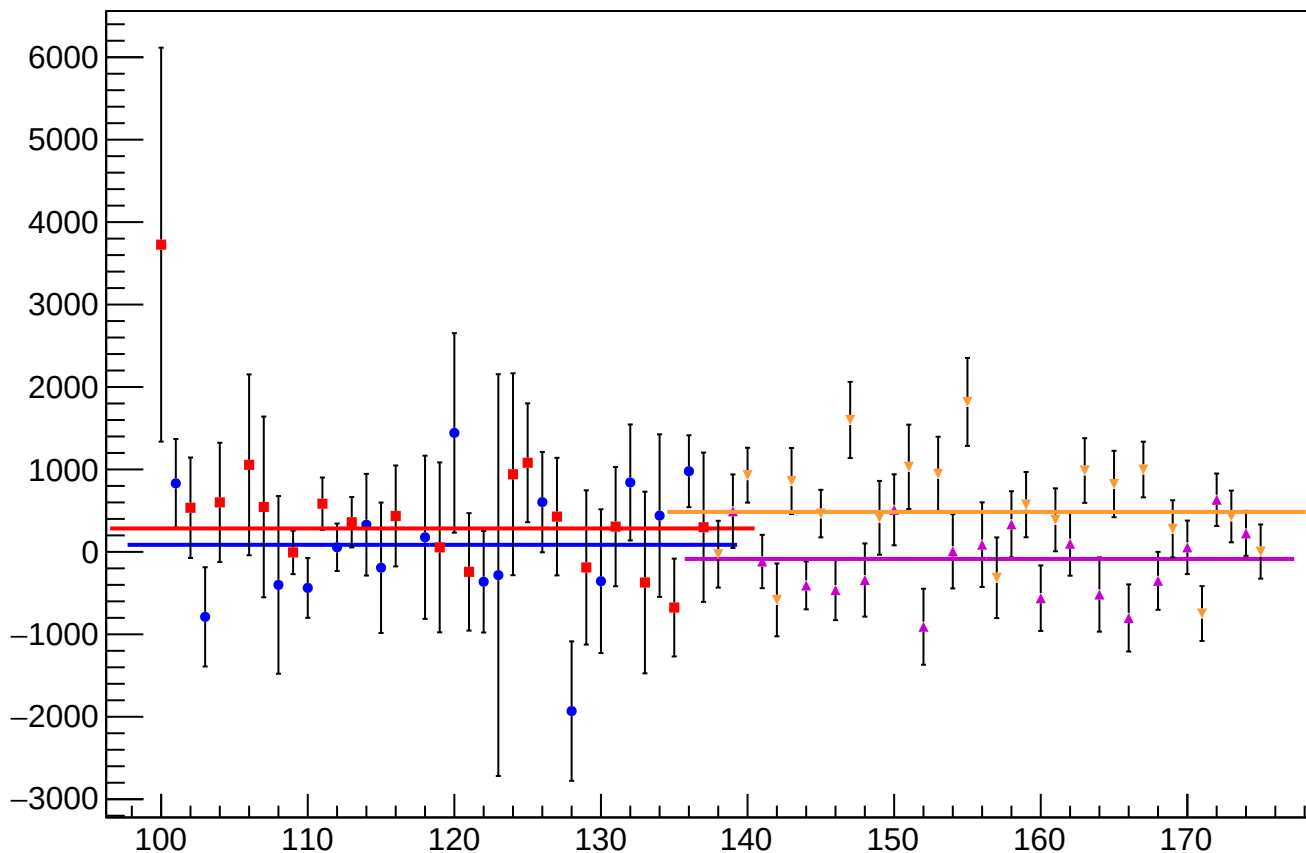
Left In: 329.054+/-0.063 χ^2/NDF : 828574.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.394+/-0.044 χ^2/NDF : 1724260.7/37

- 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: 484.983 $\pm$ 85.714 χ^2/NDF : 48.1/19

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

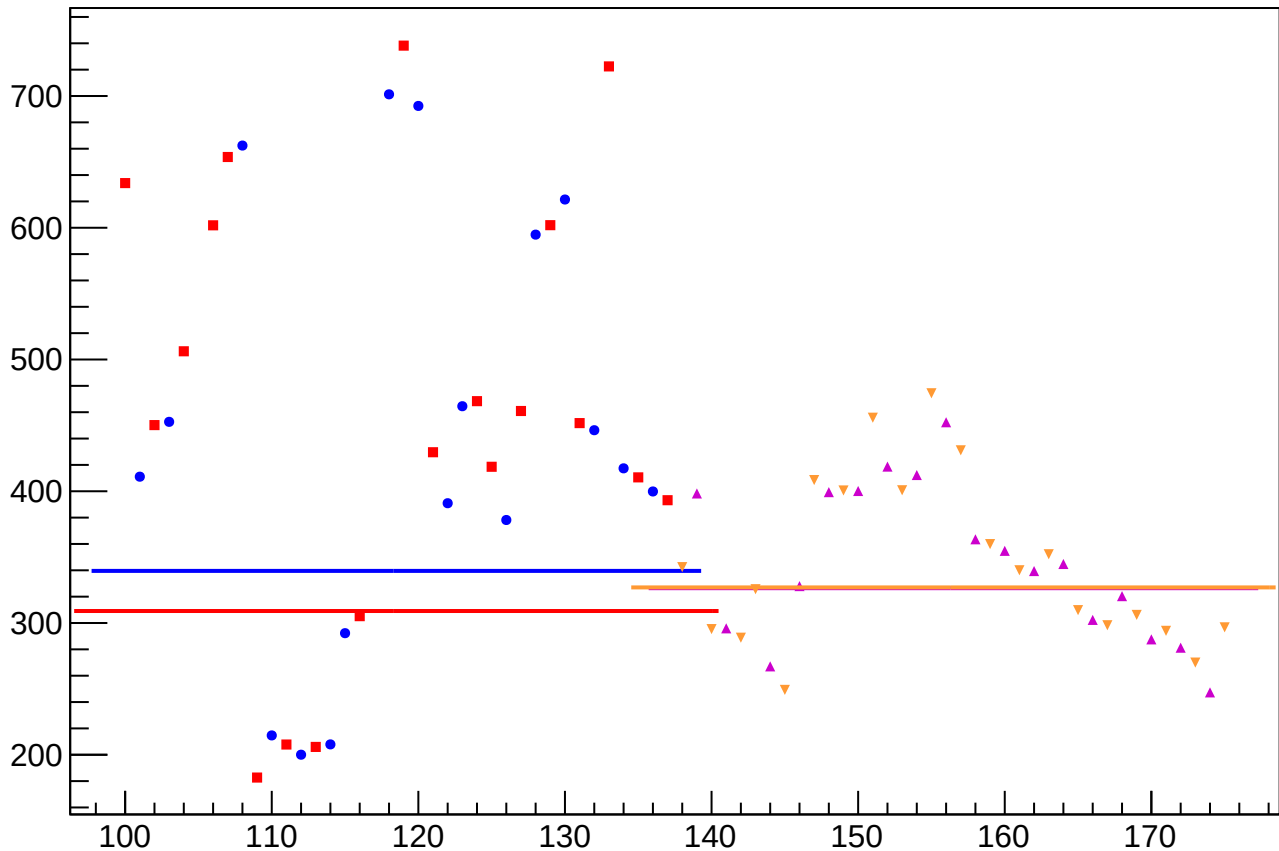
Left In: -85.850 $\pm$ 88.075 χ^2/NDF : 23.5/17

+ sign 379.041 $\pm$ 73.464 χ^2/NDF : 74.4/36

All: 203.620 $\pm$ 51.727 χ^2/NDF : 125.4/73

- sign 31.142 $\pm$ 72.845 χ^2/NDF : 39.7/36

asym_sam7_rms vs Slug



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 327.015 $\pm$ 0.061 χ^2 /NDF:873967.4/19

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

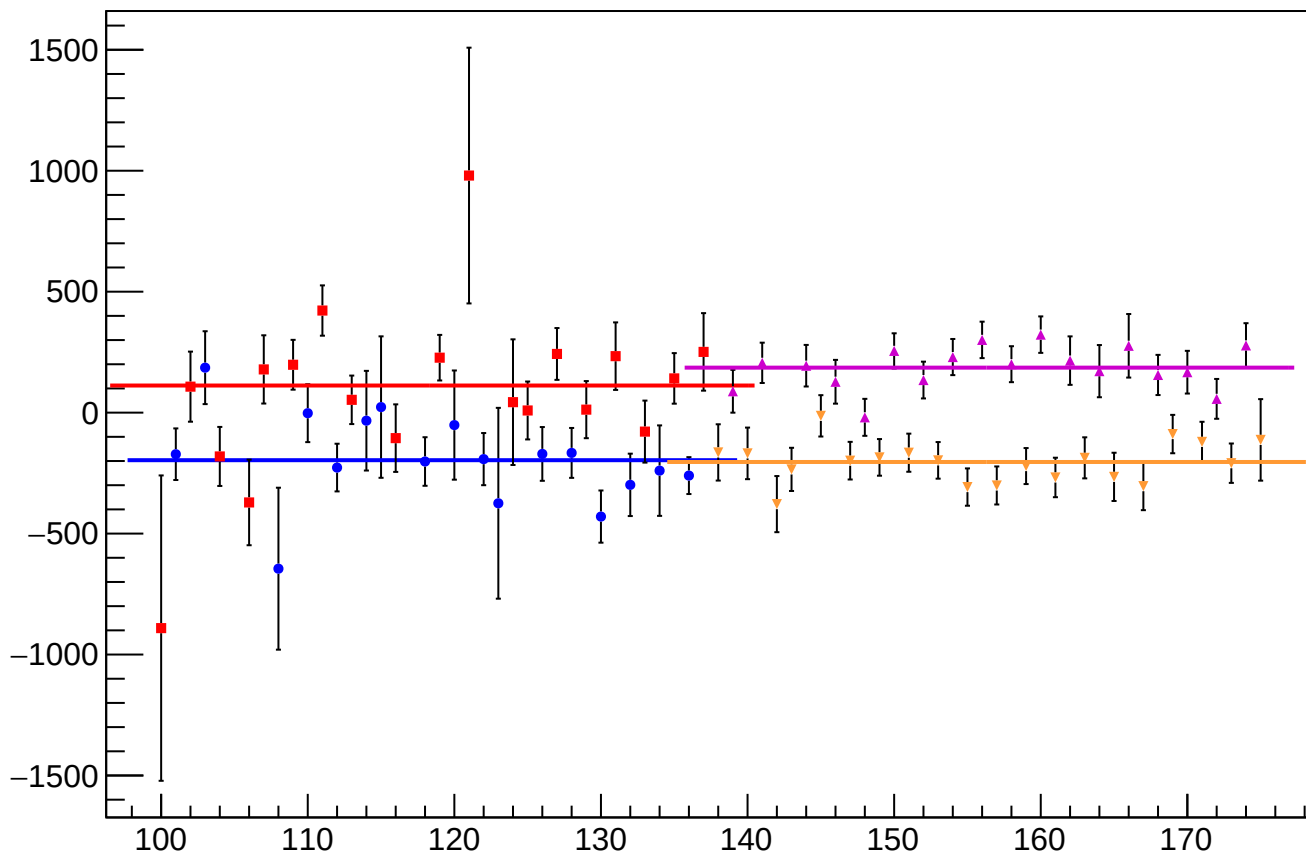
Left In: 326.421 $\pm$ 0.062 χ^2 /NDF:816575.8/17

+ sign 330.342 $\pm$ 0.052 χ^2 /NDF: 2927569.3/36

All: 325.607 $\pm$ 0.037 χ^2 /NDF: 6515360.1/73

- sign 320.950 $\pm$ 0.052 χ^2 /NDF: 3571309.2/36

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -203.970 ± 19.371 χ^2/NDF : 16.7/19

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

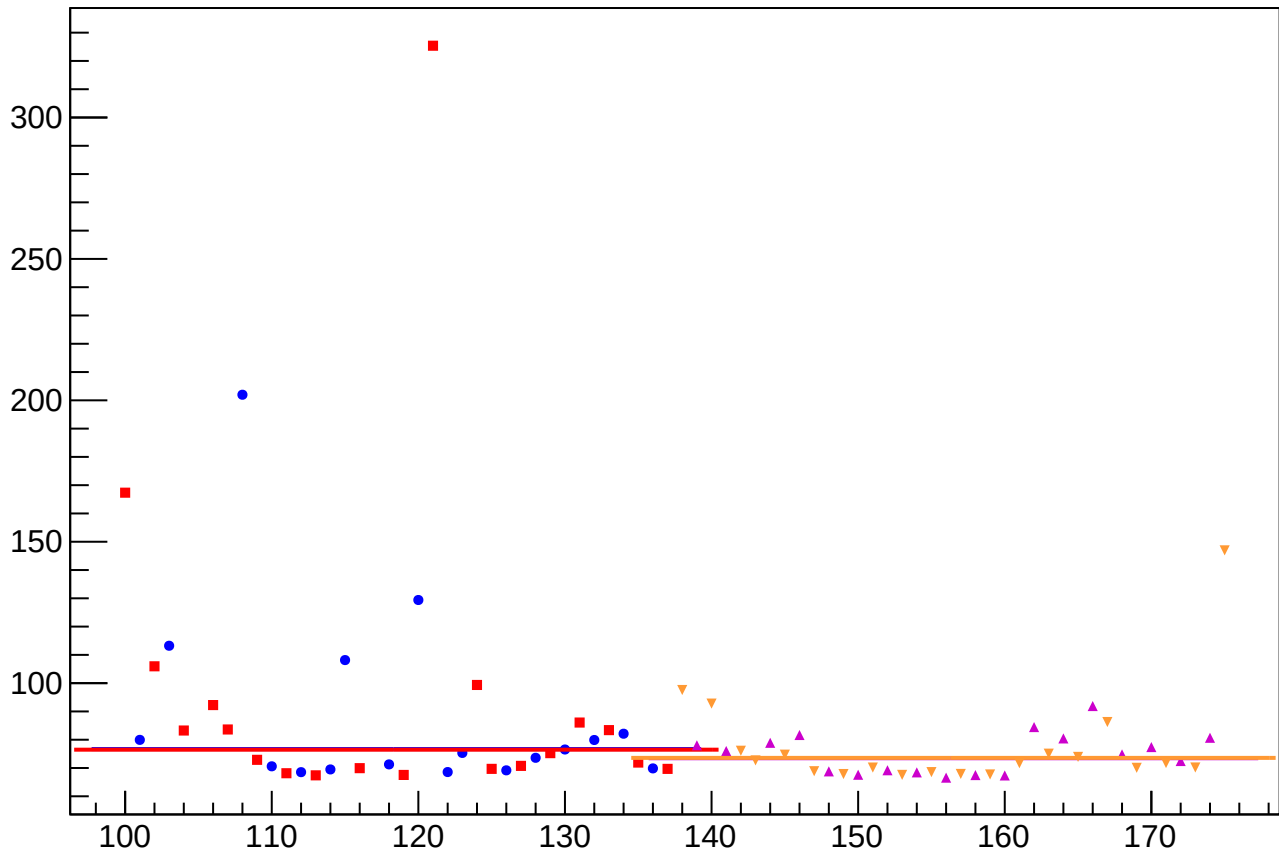
Left In: 186.002 ± 19.772 χ^2/NDF : 20.5/17

+ sign -201.841 ± 16.336 χ^2/NDF : 35.8/36

All: -20.522 ± 11.590 χ^2/NDF : 348.0/73

- sign 163.223 ± 16.445 χ^2/NDF : 64.1/36

dit_asym_sam8_rms vs Slug



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

Left Out: 73.578 $\pm$ 0.014 χ^2 /NDF: 639748.6/19

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

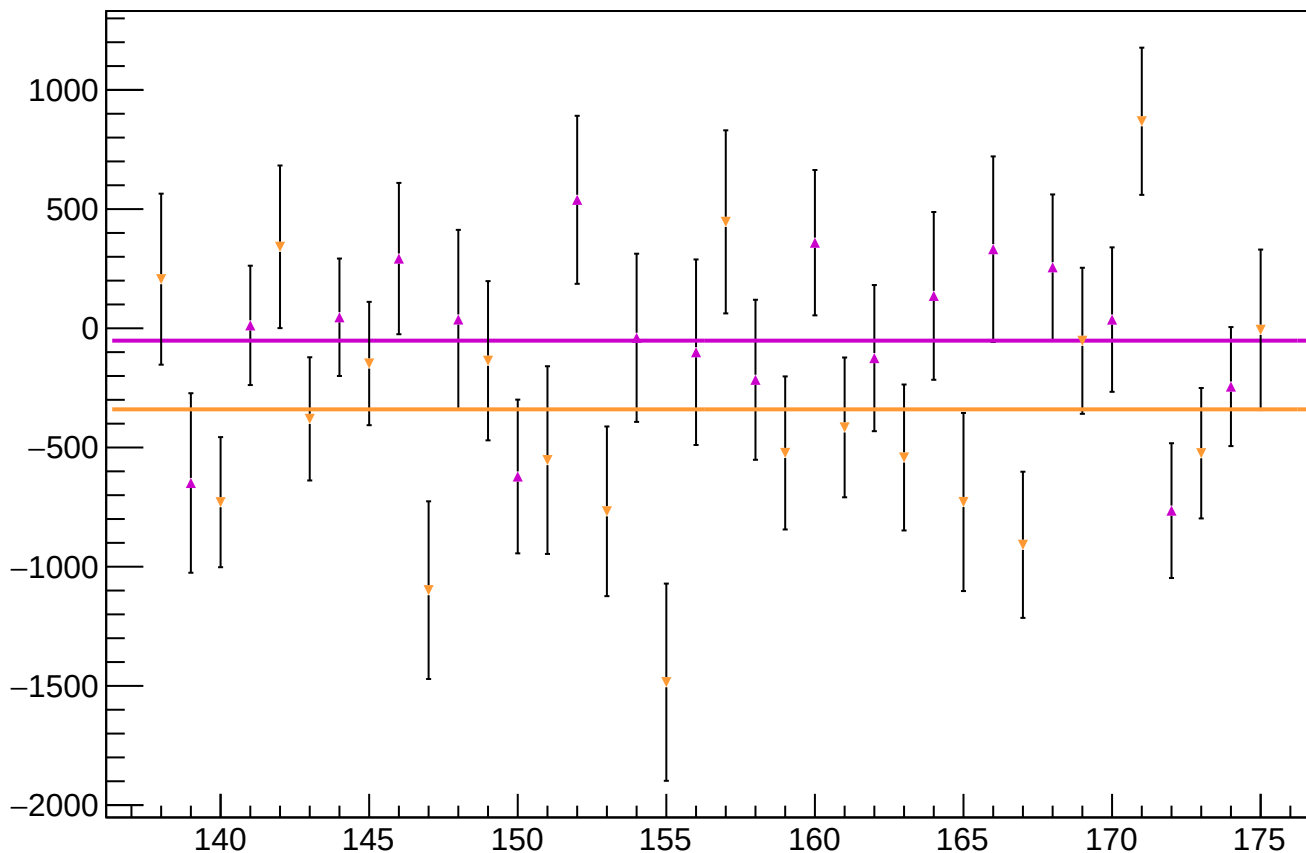
Left In: 73.453 $\pm$ 0.014 χ^2 /NDF: 199109.0/17

+ sign 74.477 $\pm$ 0.012 χ^2 /NDF: 1255026.7/36

All: 74.432 $\pm$ 0.008 χ^2 /NDF: 2167964.3/73

- sign 74.386 $\pm$ 0.012 χ^2 /NDF: 912906.5/36

asym_sam8_correction_mean vs Slug



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

Left Out: -339.962 $\pm$ 71.428 χ^2 /NDF: 50.0/19

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

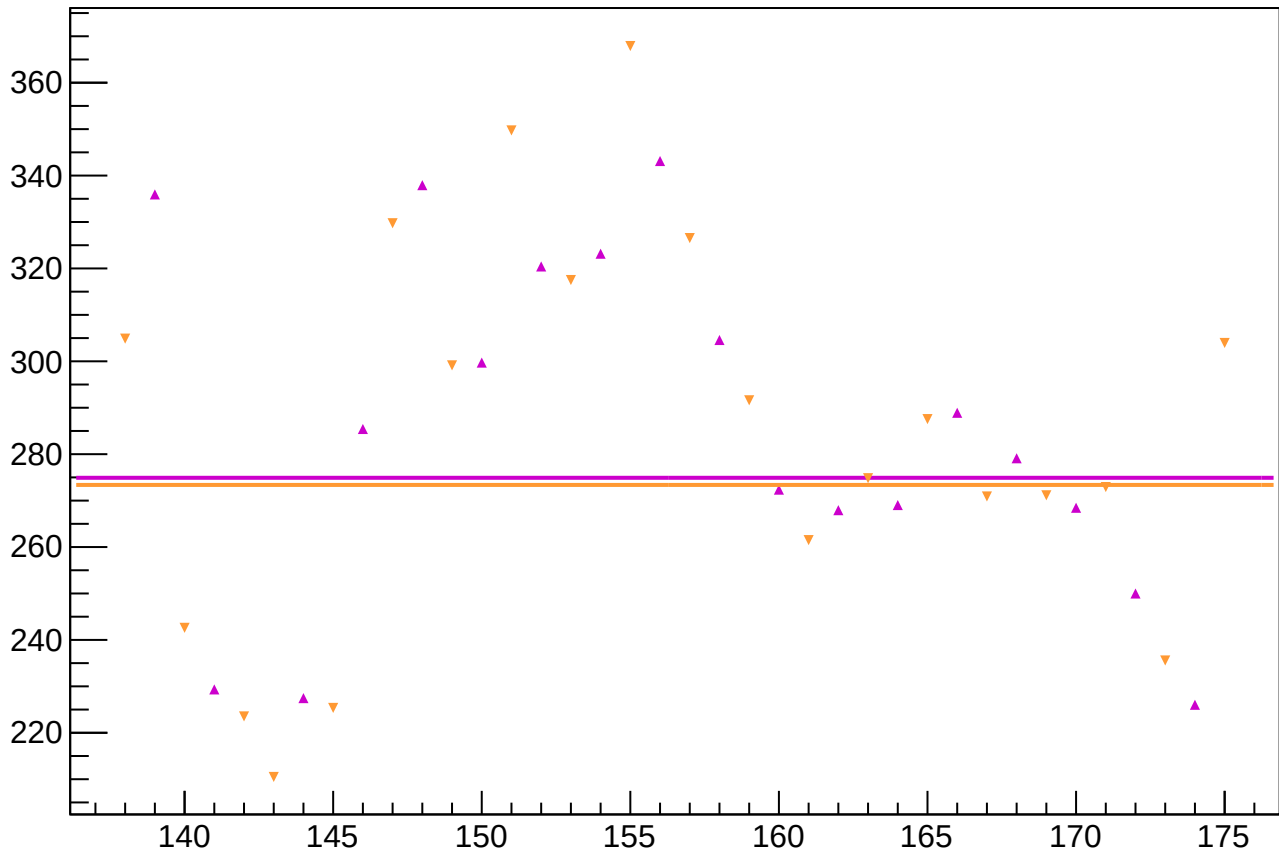
Left In: -51.778 $\pm$ 73.734 χ^2 /NDF: 21.3/17

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

All: -200.448 $\pm$ 51.303 χ^2 /NDF: 79.2/37

- 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: 273.377+/-0.051 χ^2/NDF : 644962.7/19

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

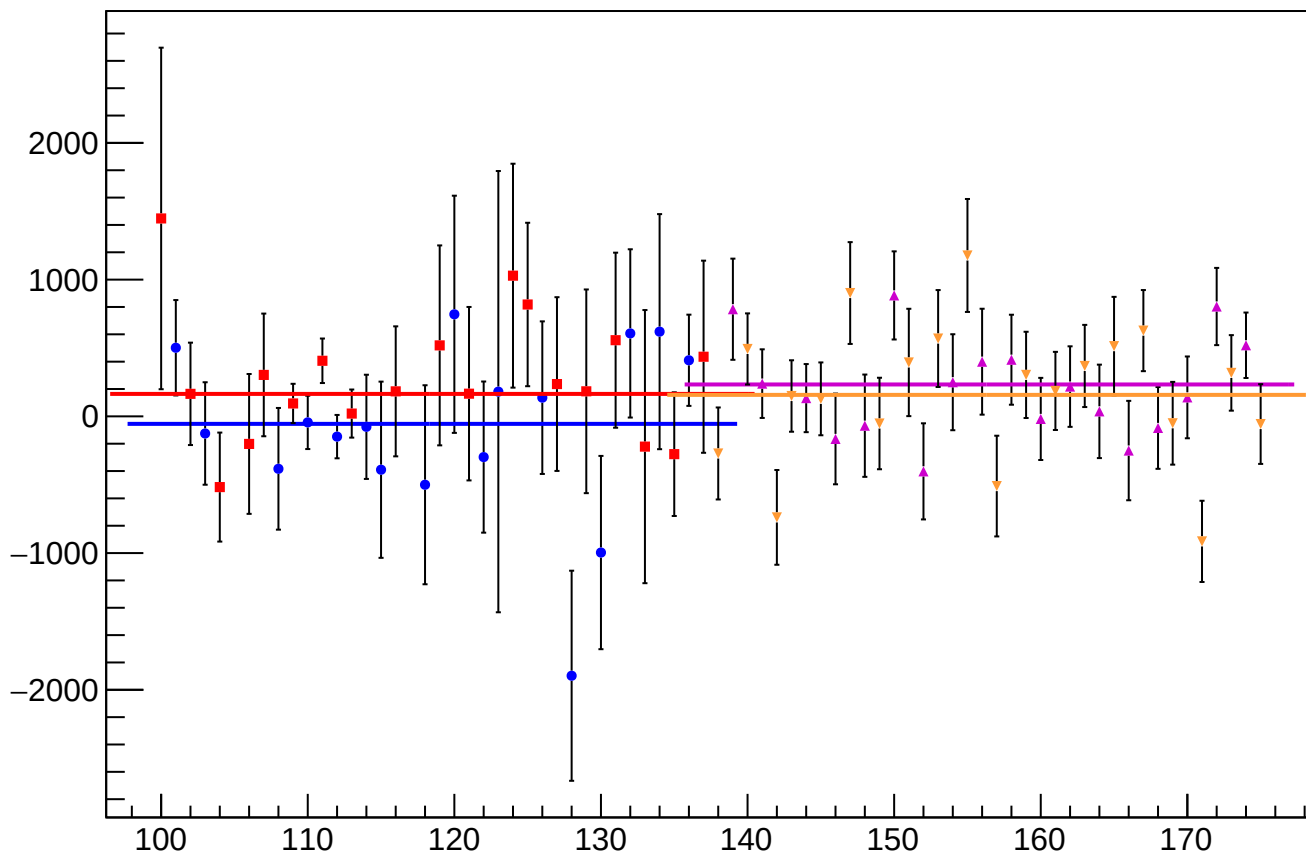
Left In: 274.915+/-0.052 χ^2/NDF : 509024.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.122+/-0.036 χ^2/NDF : 1154435.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



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

Left Out: 157.061 ± 70.003 χ^2/NDF : 44.0/19

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

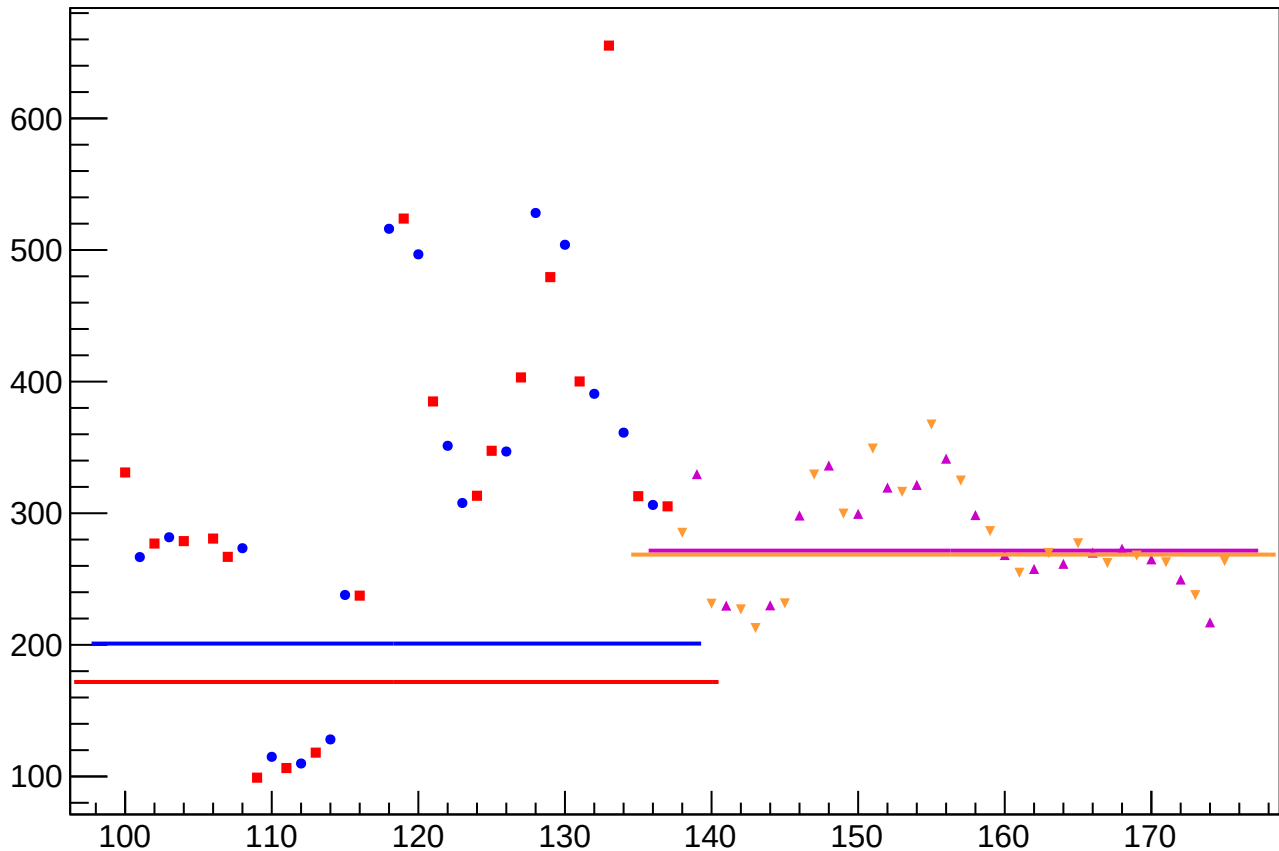
Left In: 233.218 ± 72.863 χ^2/NDF : 21.9/17

+ sign 77.543 ± 55.338 χ^2/NDF : 64.0/36

All: 141.820 ± 38.236 χ^2/NDF : 100.8/73

- sign 200.542 ± 52.892 χ^2/NDF : 34.2/36

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 268.576+/-0.049 χ^2/NDF : 596439.9/19

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

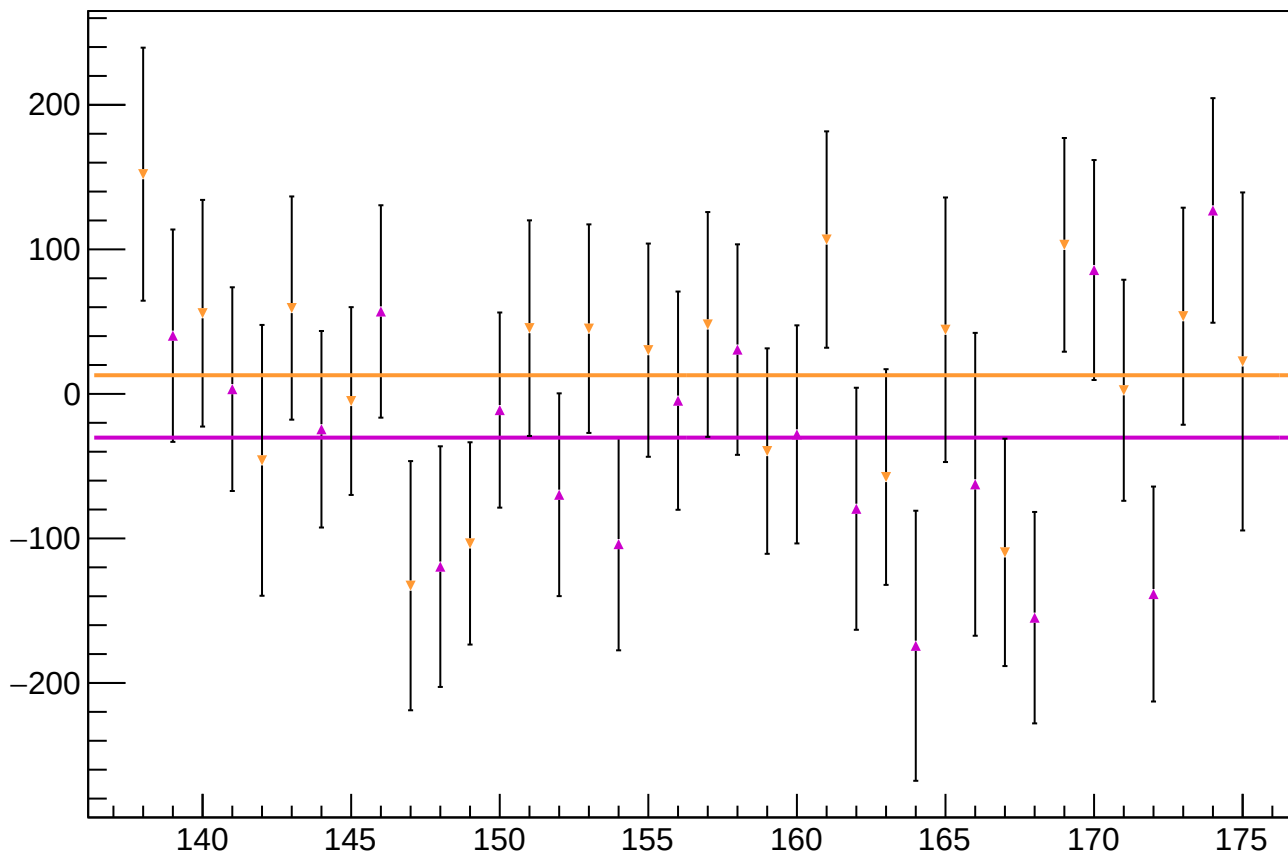
Left In: 271.570+/-0.052 χ^2/NDF : 527725.2/17

+ sign 243.218+/-0.039 χ^2/NDF : 4732279.8/36

All: 233.369+/-0.027 χ^2/NDF : 11247938.3/73

- sign 224.372+/-0.037 χ^2/NDF : 6394438.2/36

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 12.917 $\pm$ 17.375 χ^2 /NDF:17.3/19

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

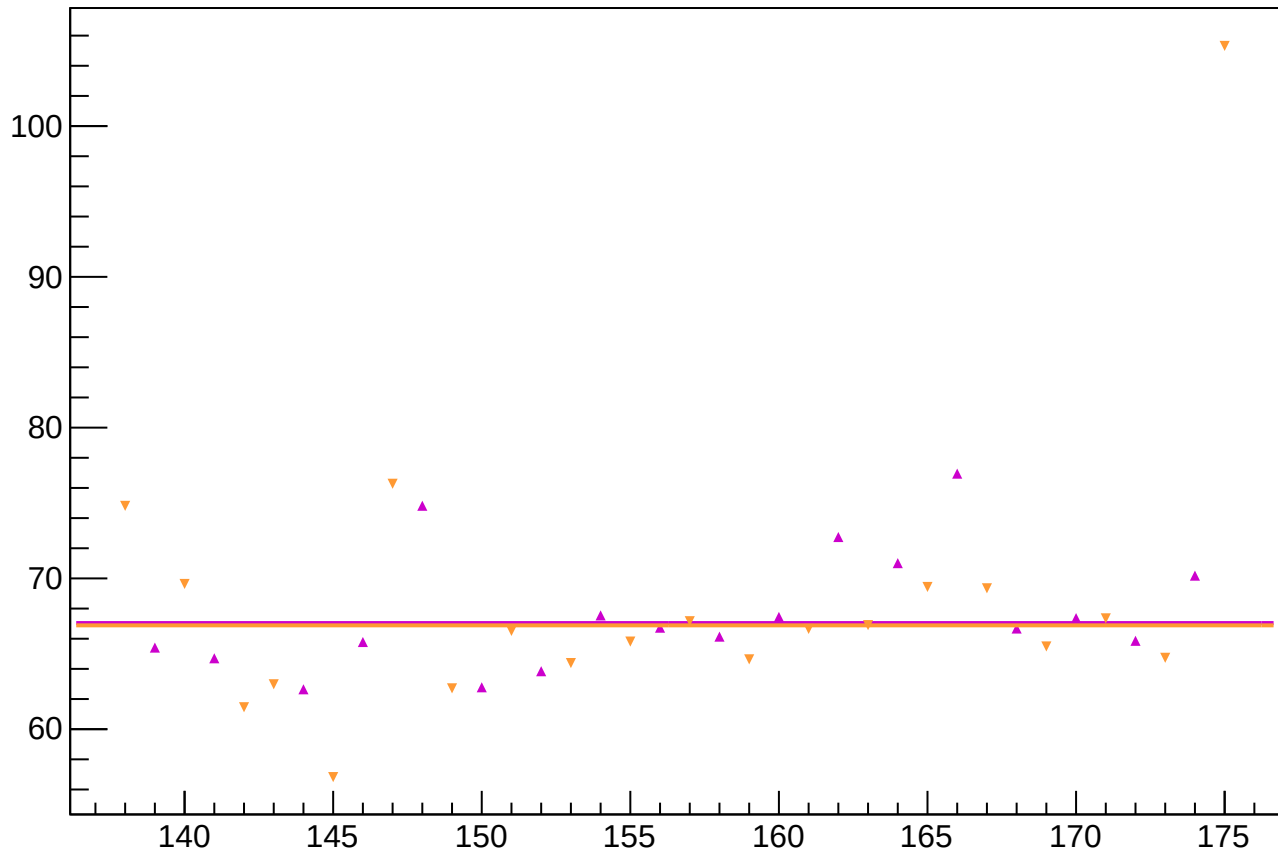
Left In: -30.249 $\pm$ 17.863 χ^2 /NDF:20.2/17

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

All: -8.068 $\pm$ 12.455 χ^2 /NDF: 40.5/37

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

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 66.887+/-0.012 χ^2/NDF : 336392.7/19

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

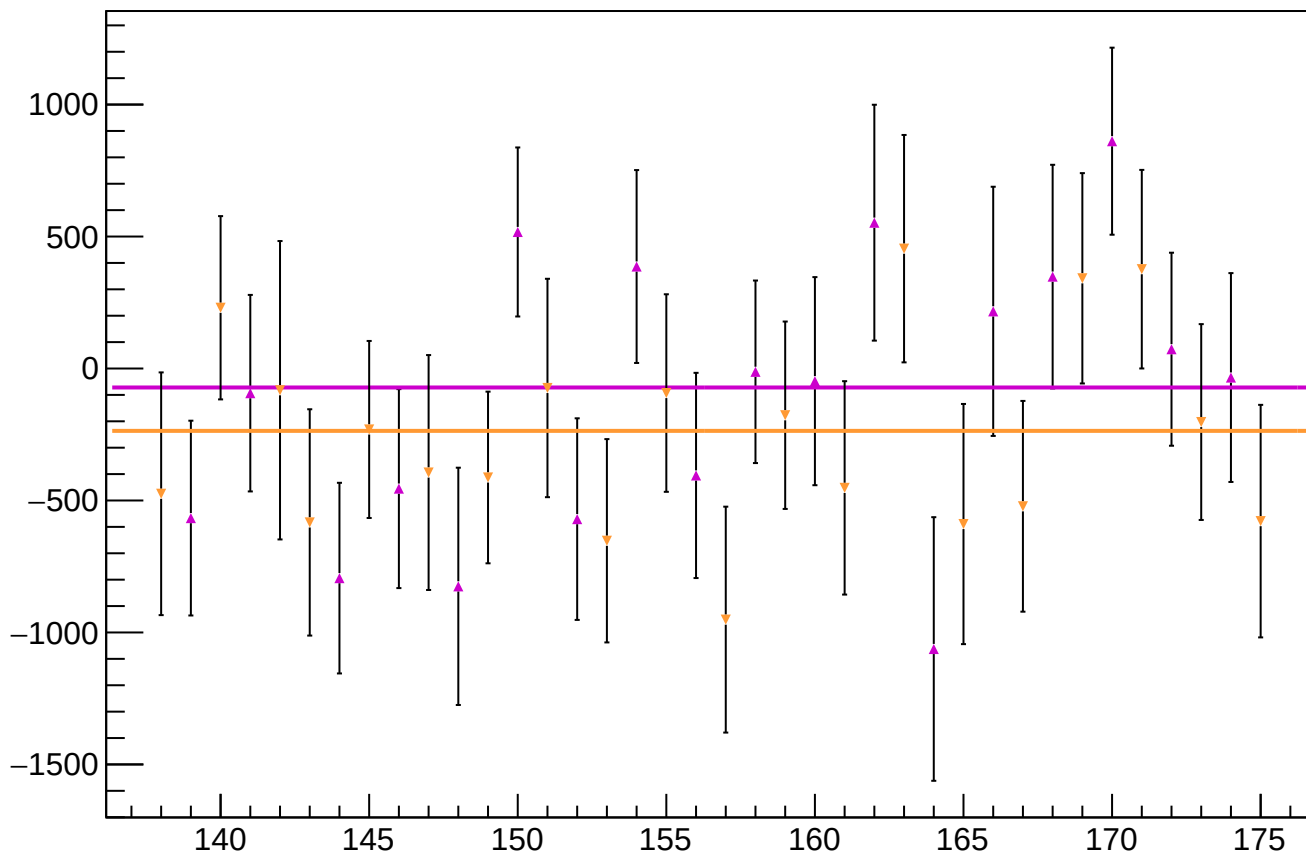
Left In: 67.038+/-0.013 χ^2/NDF : 76845.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.960+/-0.009 χ^2/NDF : 413311.4/37

- 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: -236.250+/-88.905 χ^2/NDF :16.8/19

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

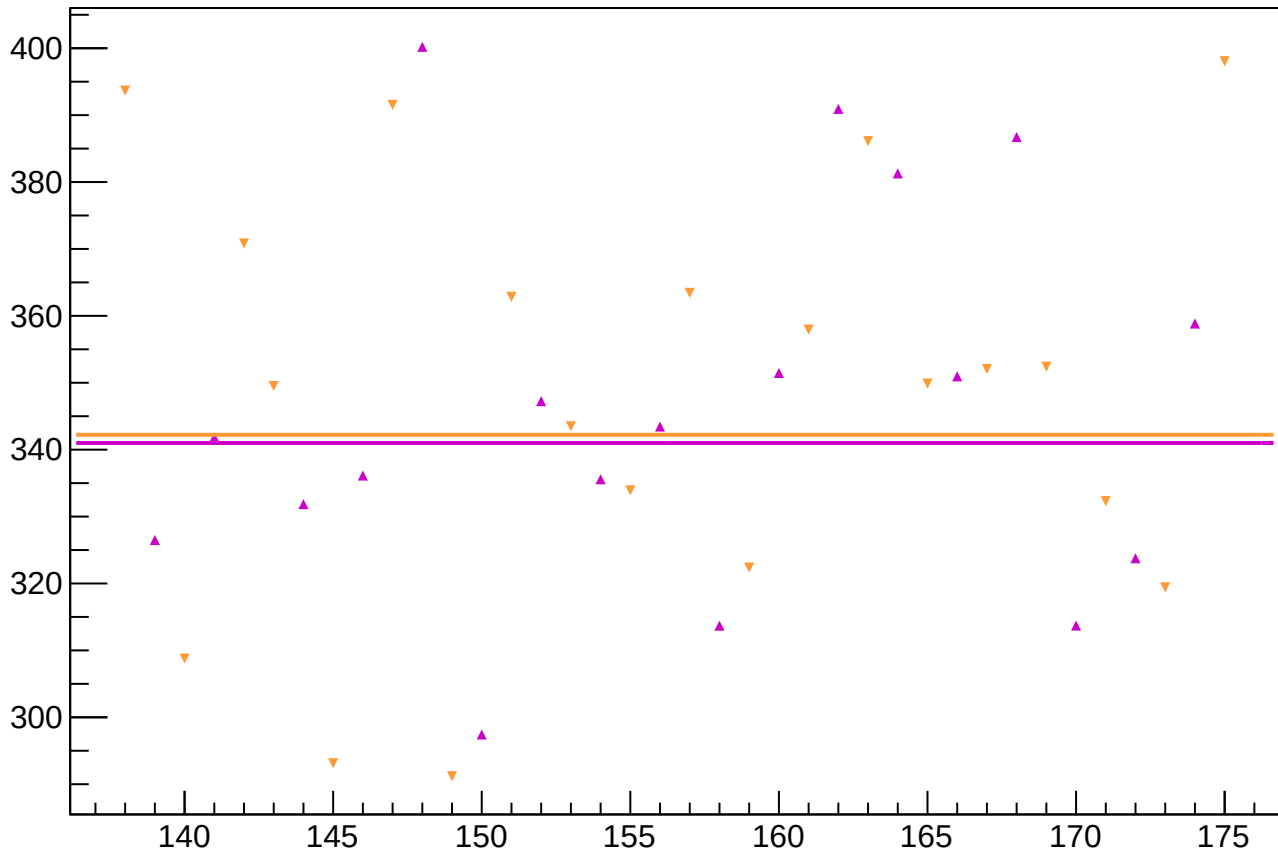
Left In: -71.884+/-91.042 χ^2/NDF :31.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -156.018+/-63.607 χ^2/NDF : 49.9/37

- 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: 342.225+/-0.063 χ^2/NDF : 251048.8/19

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

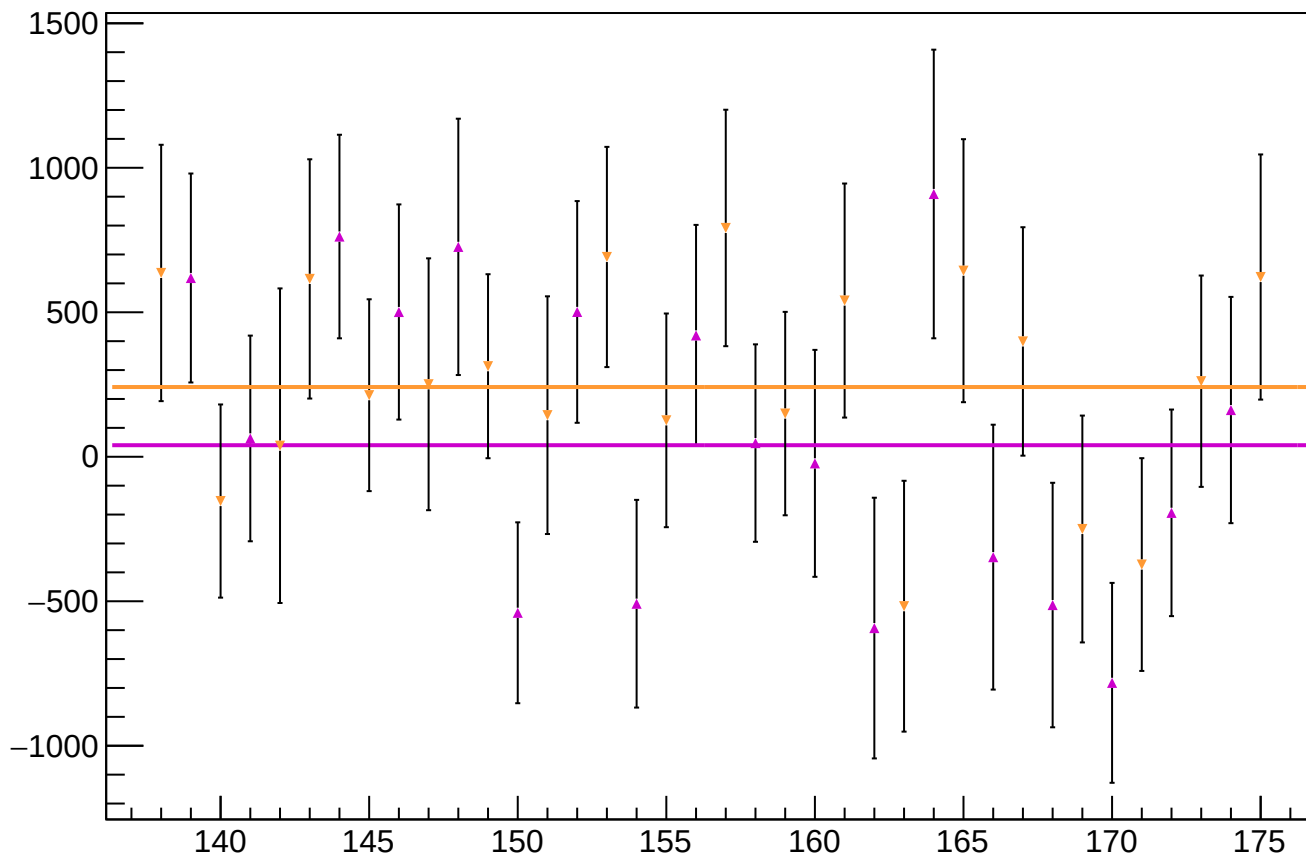
Left In: 341.002+/-0.064 χ^2/NDF : 173954.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.628+/-0.045 χ^2/NDF : 425188.1/37

- 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: 241.306+/-87.318 χ^2/NDF :16.3/19

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

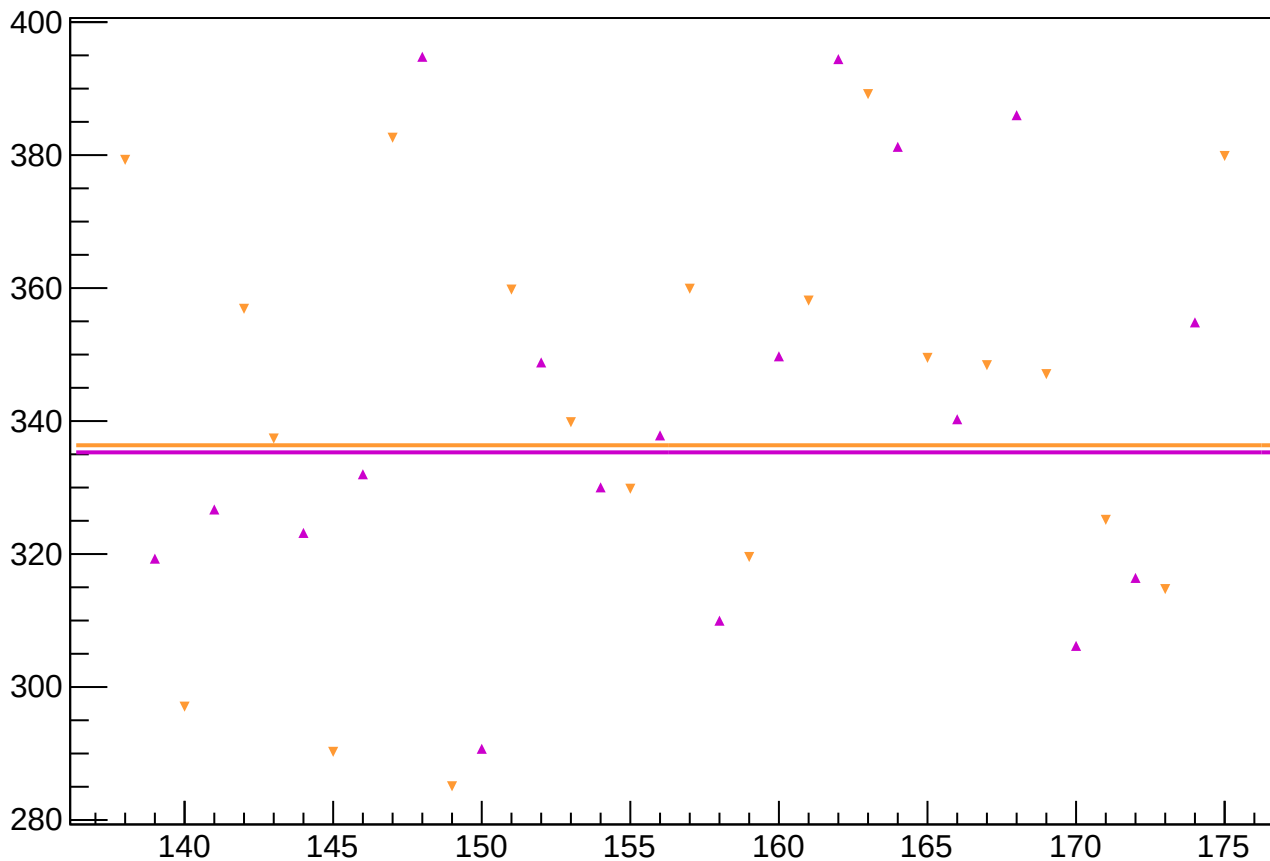
Left In: 39.974+/-89.612 χ^2/NDF :32.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.250+/-62.538 χ^2/NDF : 51.4/37

- 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: 336.362+/-0.062 χ^2/NDF : 251025.2/19

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

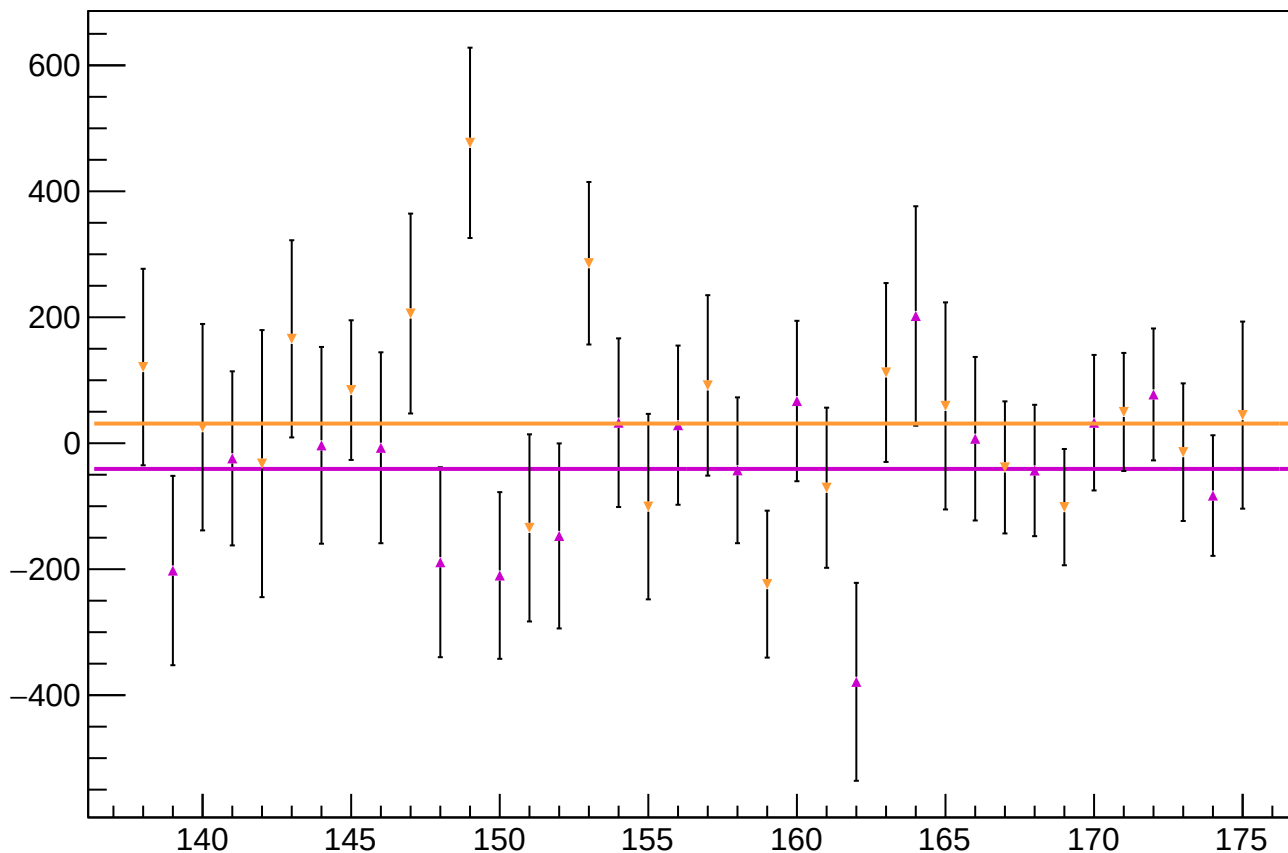
Left In: 335.293+/-0.063 χ^2/NDF : 205885.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.841+/-0.044 χ^2/NDF : 457056.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 31.234 $\pm$ 29.116 χ^2 /NDF:25.9/19

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

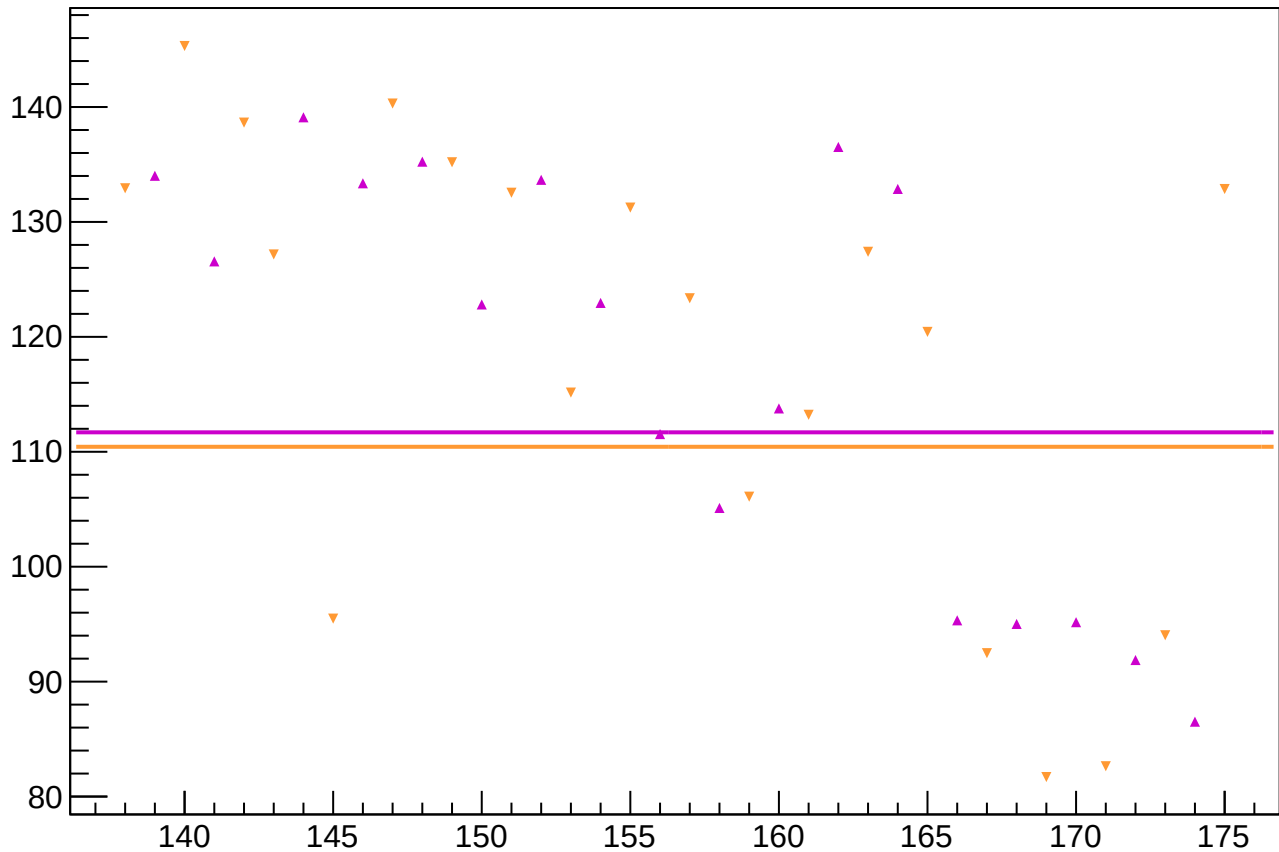
Left In: -40.780 $\pm$ 30.227 χ^2 /NDF:14.4/17

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

All: -3.426 $\pm$ 20.970 χ^2 /NDF: 43.2/37

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

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 110.435+/-0.021 χ^2/NDF :1013233.6/19

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

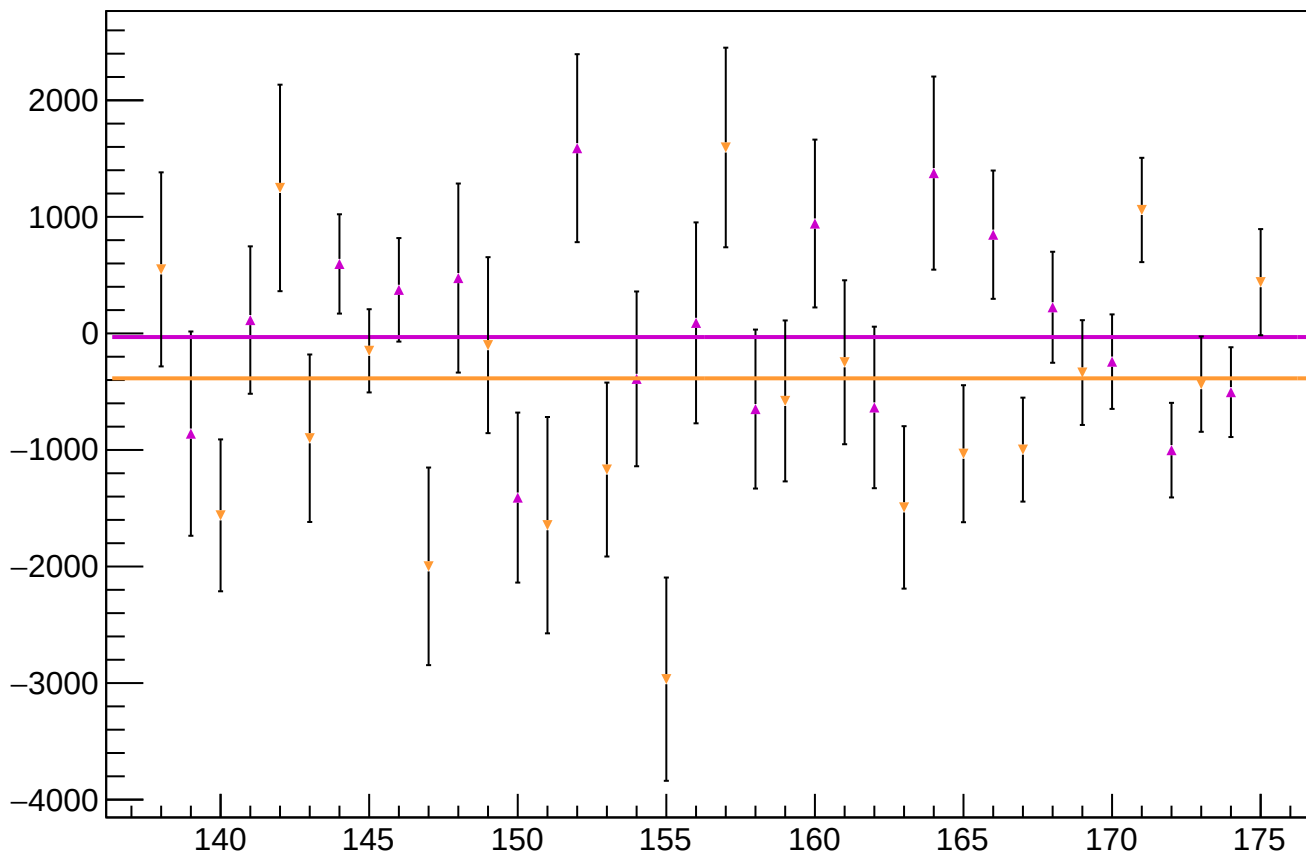
Left In: 111.692+/-0.021 χ^2/NDF :717901.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.040+/-0.015 χ^2/NDF : 1732930.8/37

- 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: -385.468+/-130.763 χ^2/NDF : 49.2/19

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

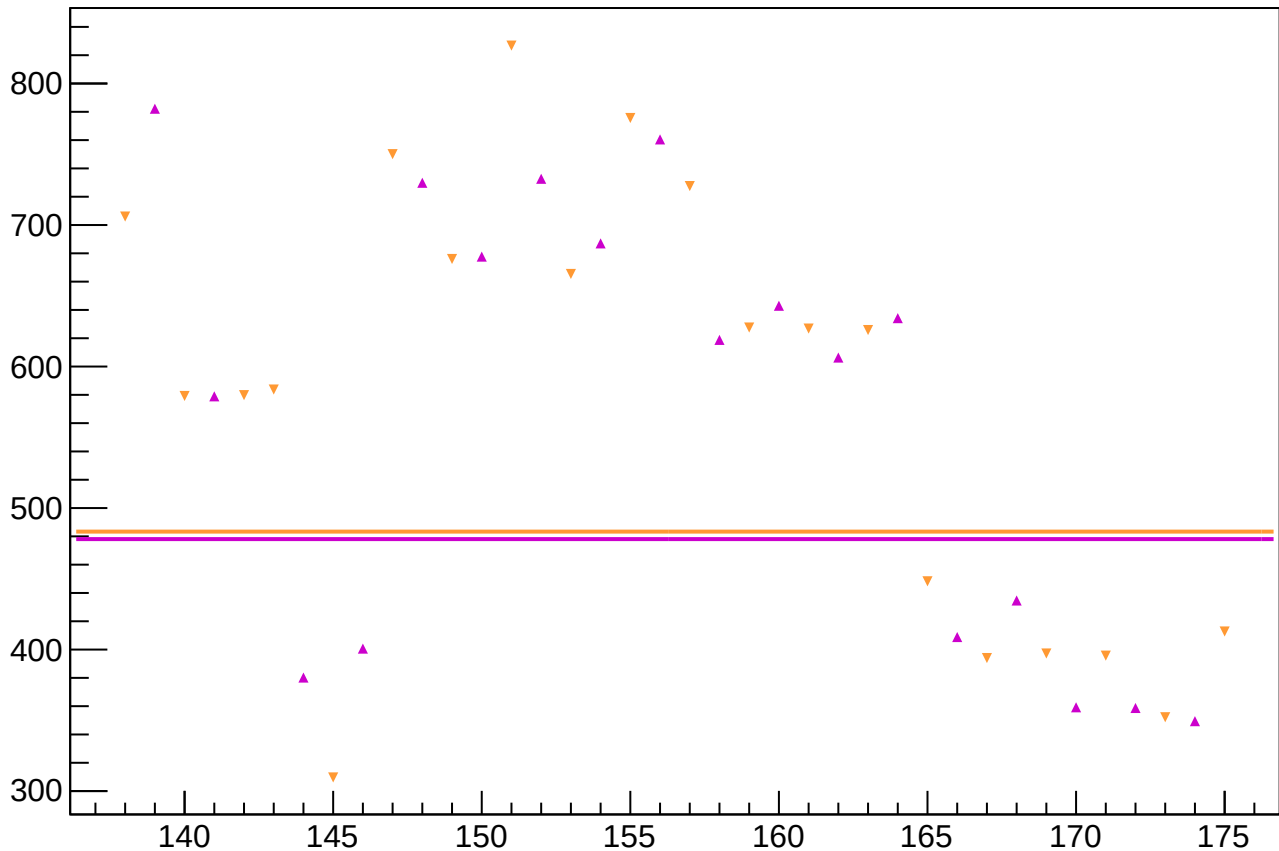
Left In: -31.281+/-132.841 χ^2/NDF : 28.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.167+/-93.189 χ^2/NDF : 81.6/37

- 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: 483.361+/-0.092 χ^2/NDF : 2576554.7/19

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

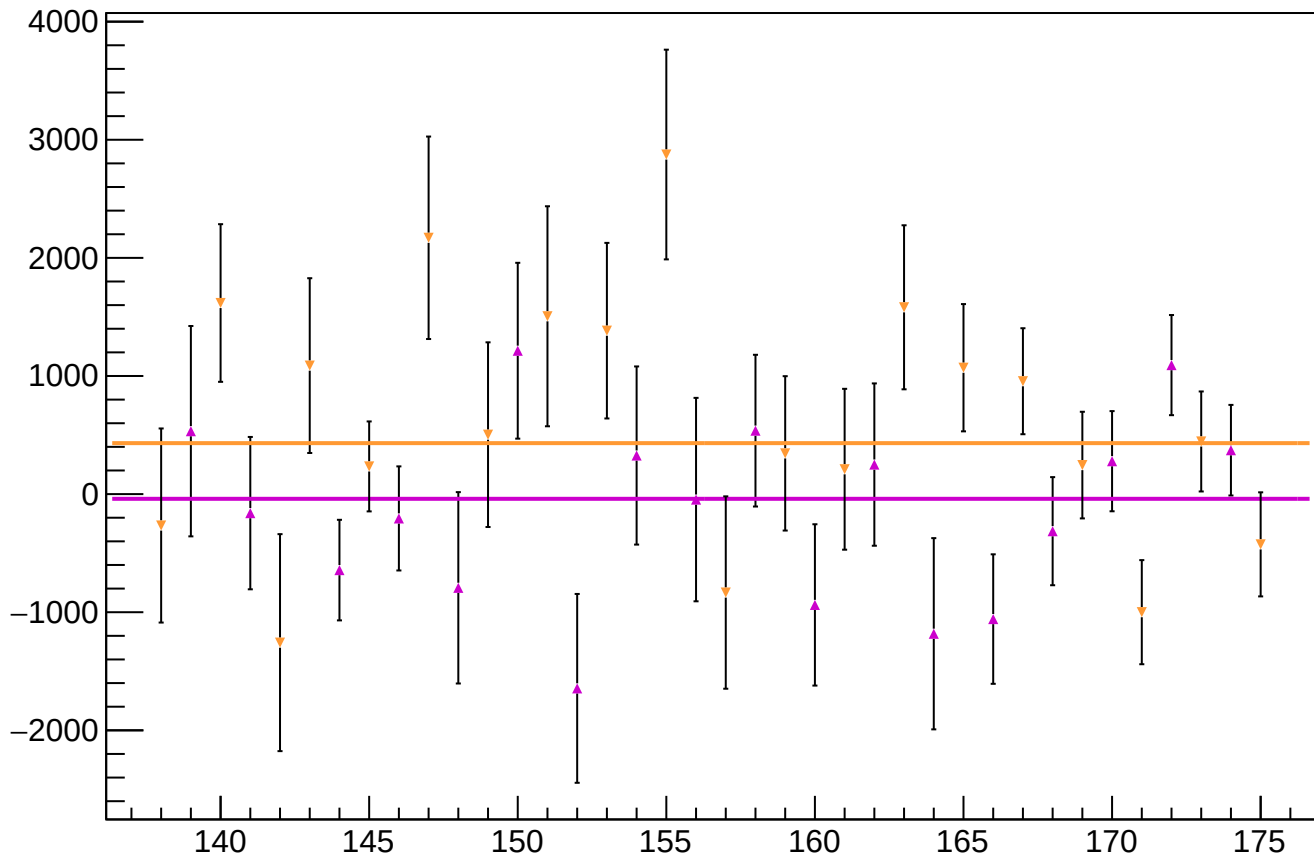
Left In: 478.063+/-0.094 χ^2/NDF : 2315838.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.754+/-0.066 χ^2/NDF : 4894009.1/37

- 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: 431.491+/-131.147 χ^2/NDF : 45.5/19

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

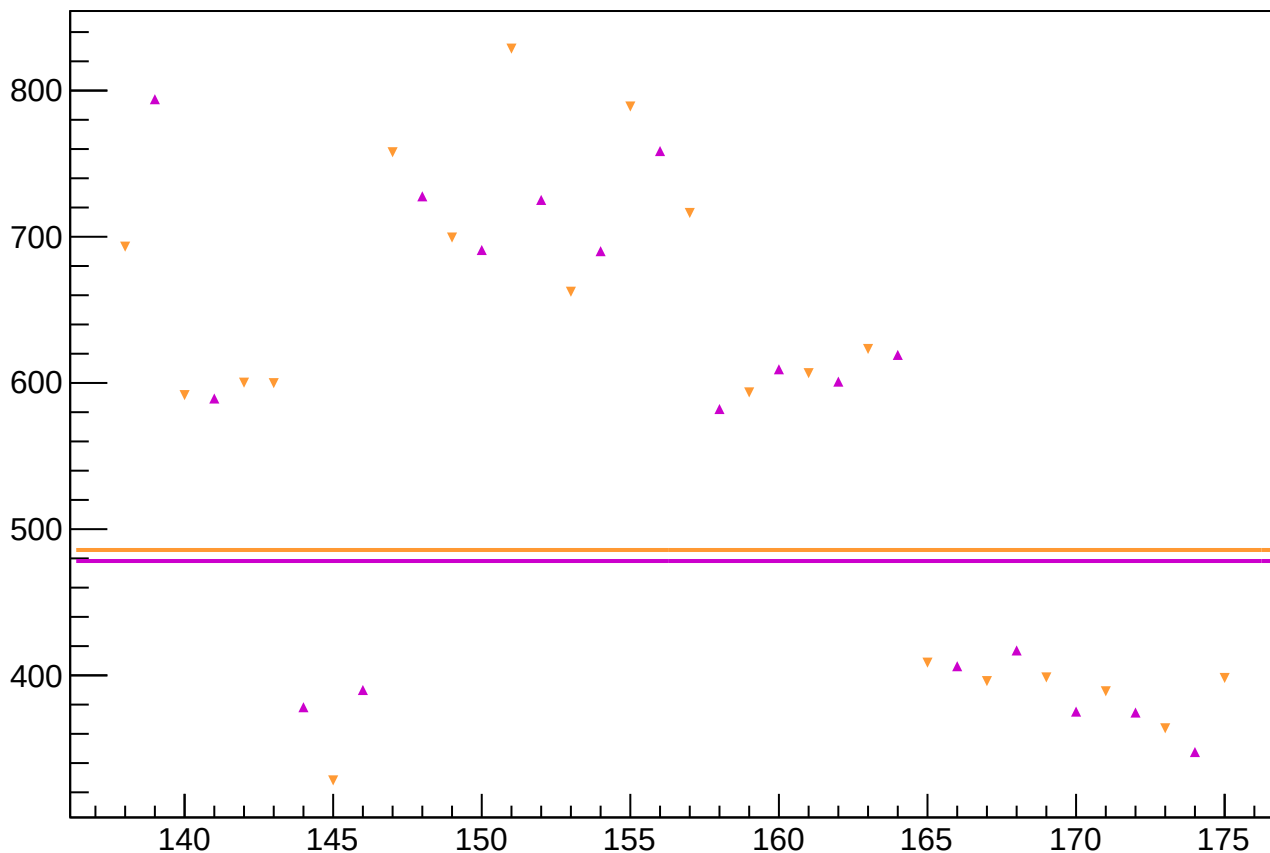
Left In: -39.871+/-132.958 χ^2/NDF : 27.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.042+/-93.368 χ^2/NDF : 79.8/37

- 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: 485.756+/-0.093 χ^2/NDF :2460303.9/19

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

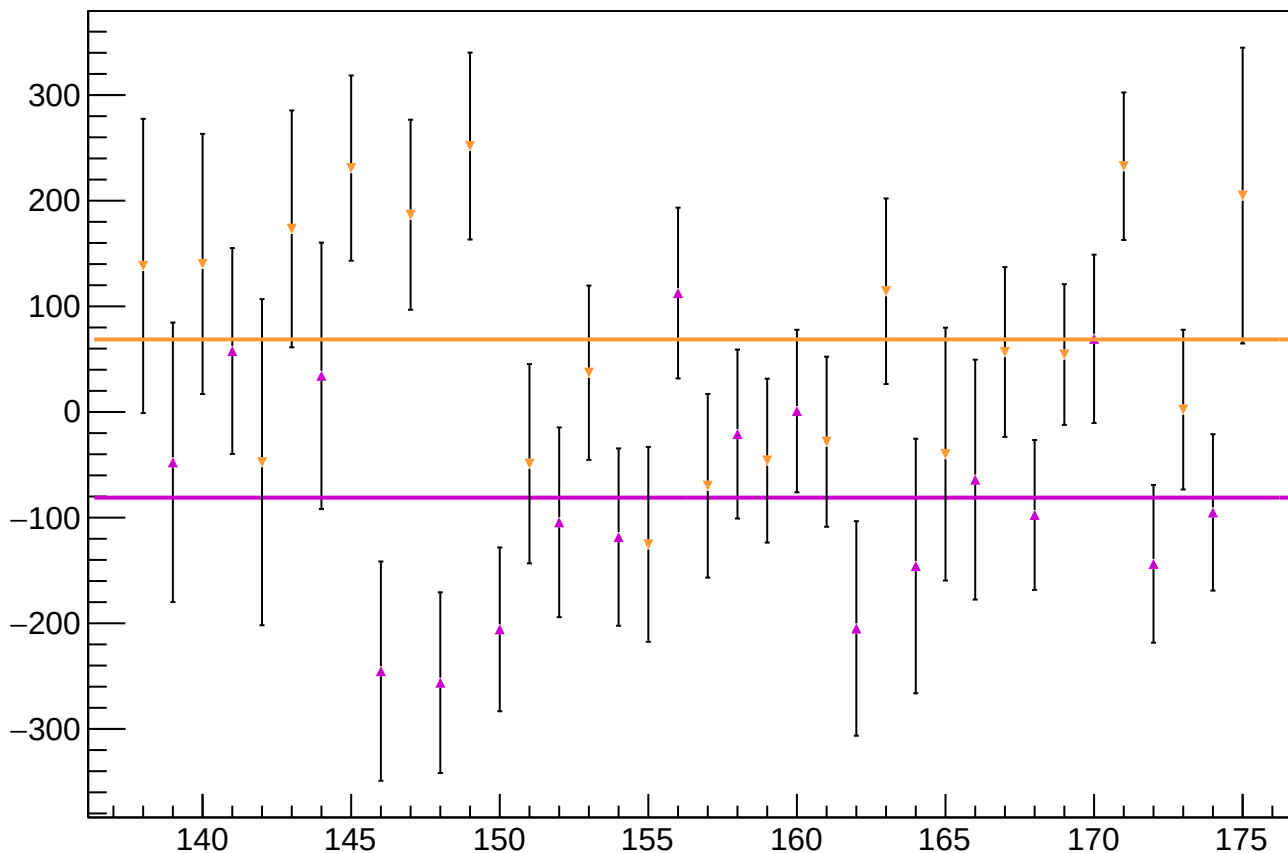
Left In: 478.210+/-0.094 χ^2/NDF :2205912.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.035+/-0.066 χ^2/NDF : 4669480.9/37

- 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: 68.698 $\pm$ 20.156 χ^2 /NDF:32.1/19

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

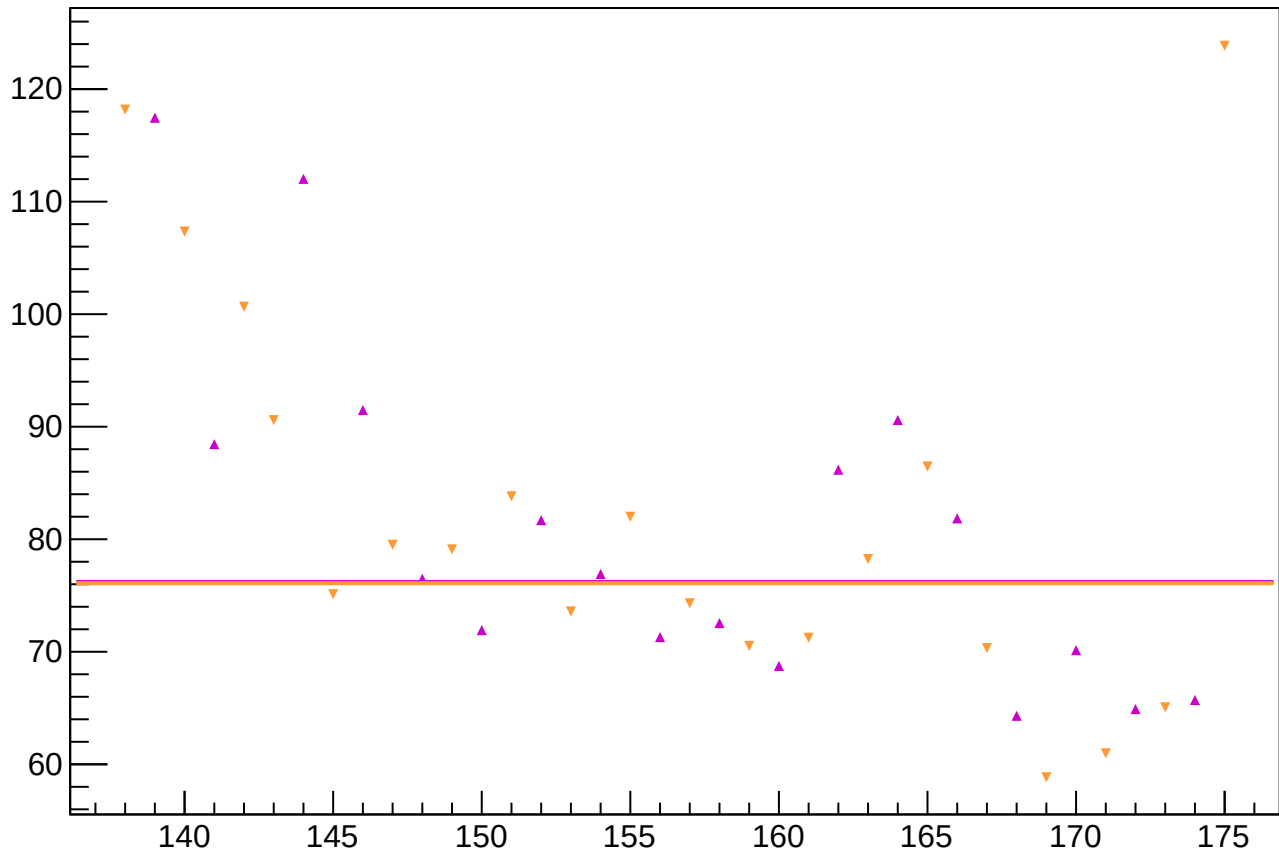
Left In: -81.061 $\pm$ 20.729 χ^2 /NDF:26.1/17

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

All: -4.085 $\pm$ 14.451 χ^2 /NDF: 85.0/37

- 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: 76.092+/-0.014 χ^2/NDF : 972738.2/19

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

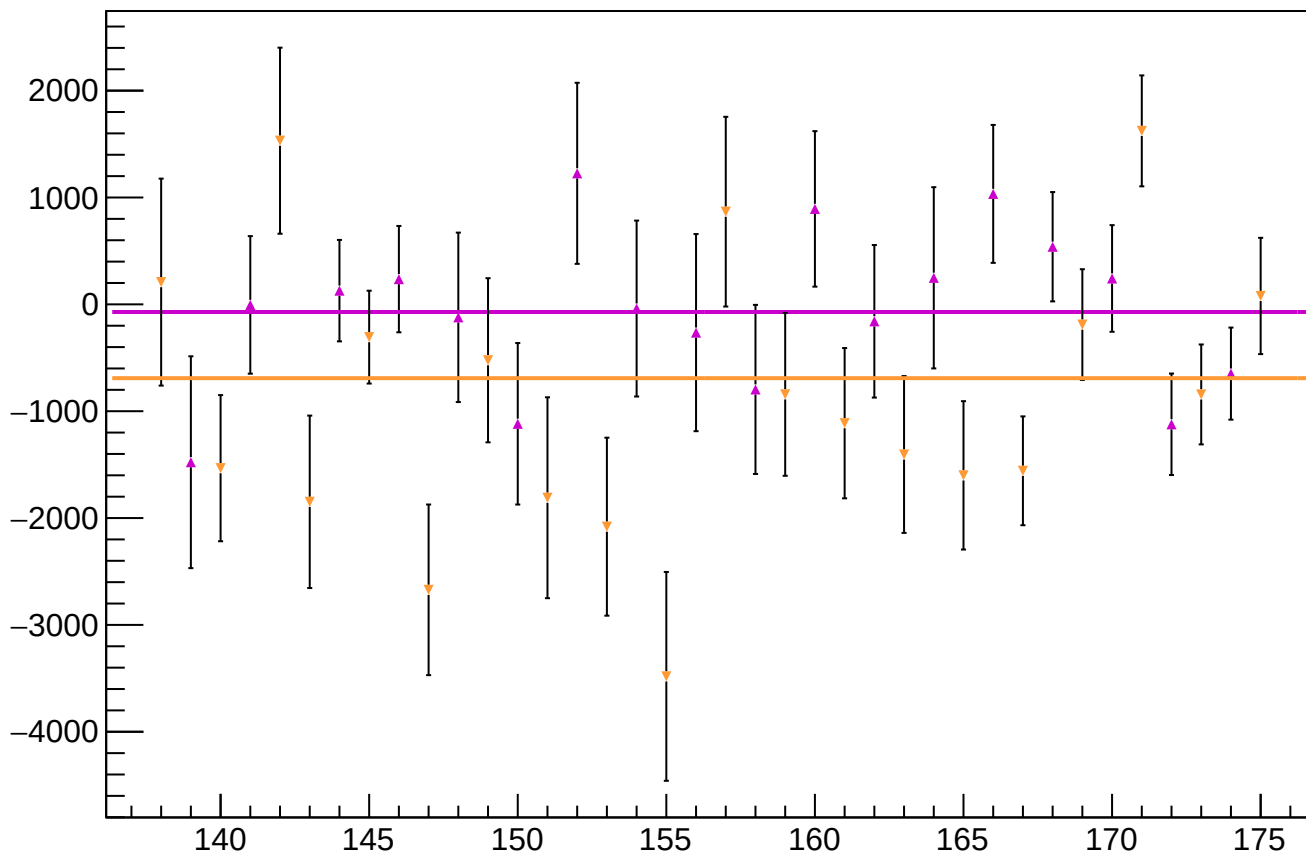
Left In: 76.197+/-0.015 χ^2/NDF : 681347.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.143+/-0.010 χ^2/NDF : 1654111.8/37

- 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: -690.900+/-146.765 χ^2/NDF : 62.3/19

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

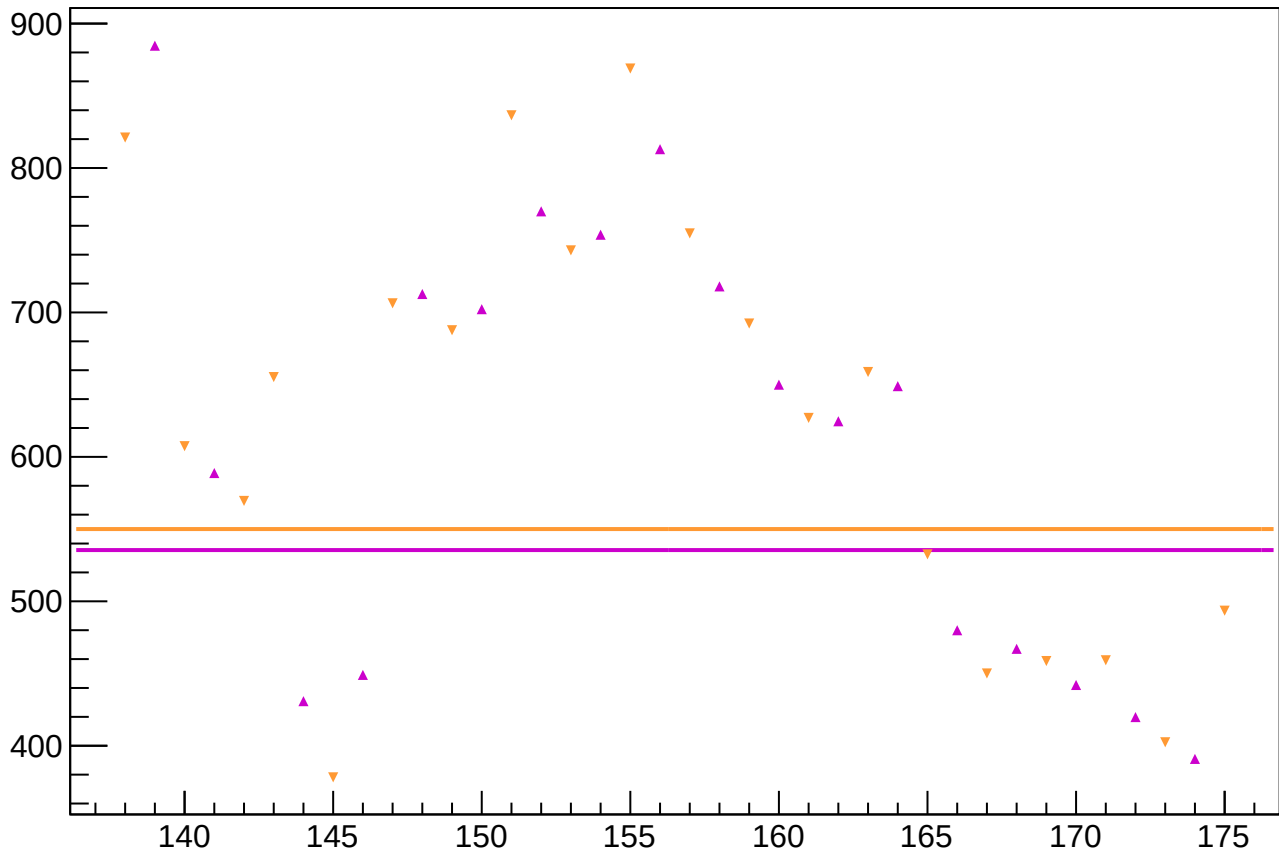
Left In: -71.620+/-147.141 χ^2/NDF : 21.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.053+/-103.911 χ^2/NDF : 92.2/37

- 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: 550.027+/-0.104 χ^2/NDF :1832412.9/19

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

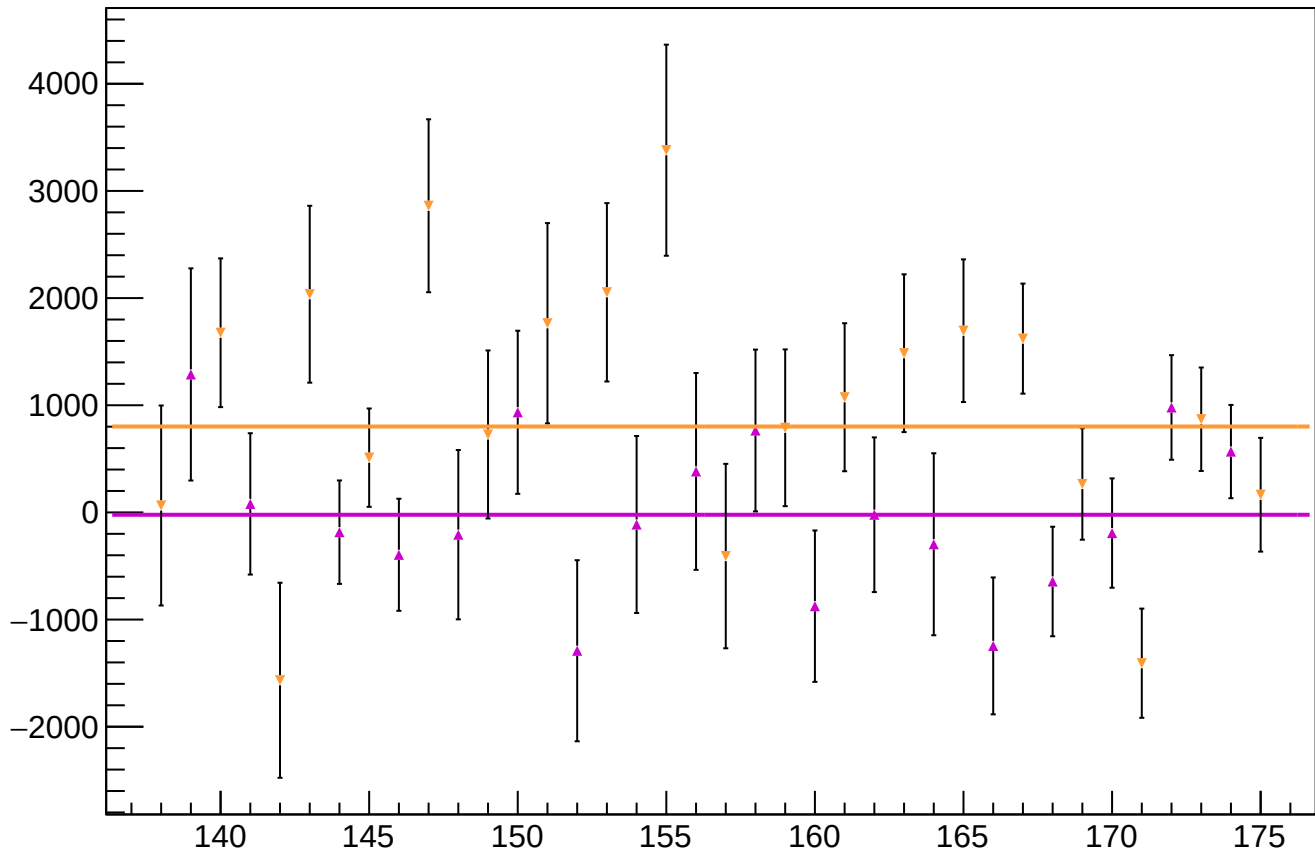
Left In: 535.479+/-0.104 χ^2/NDF :1779060.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.772+/-0.073 χ^2/NDF : 3621273.8/37

- 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: 801.699+/-147.396 χ^2/NDF : 57.0/19

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

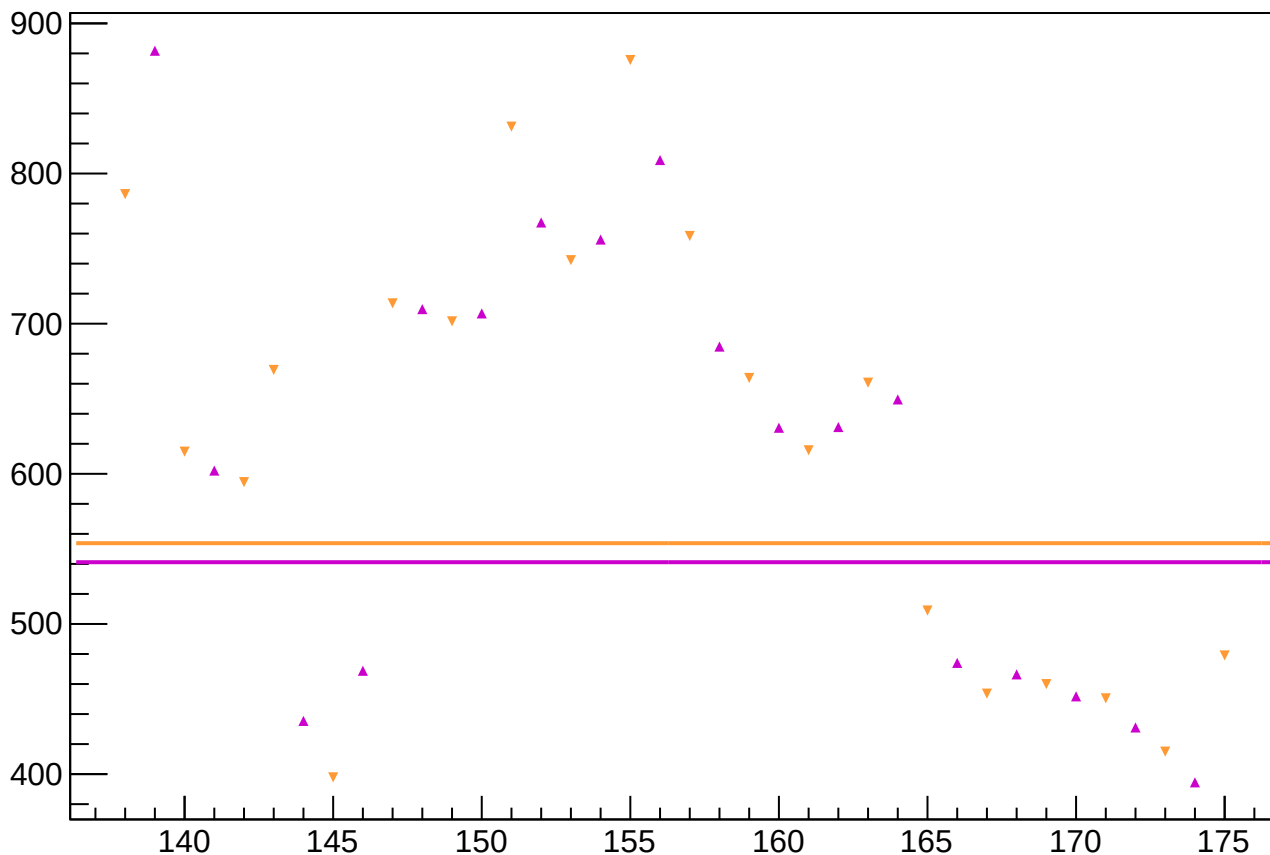
Left In: -22.065+/-148.562 χ^2/NDF : 20.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.062+/-104.635 χ^2/NDF : 92.9/37

- 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: 553.800+/-0.104 χ^2/NDF :1709640.7/19

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

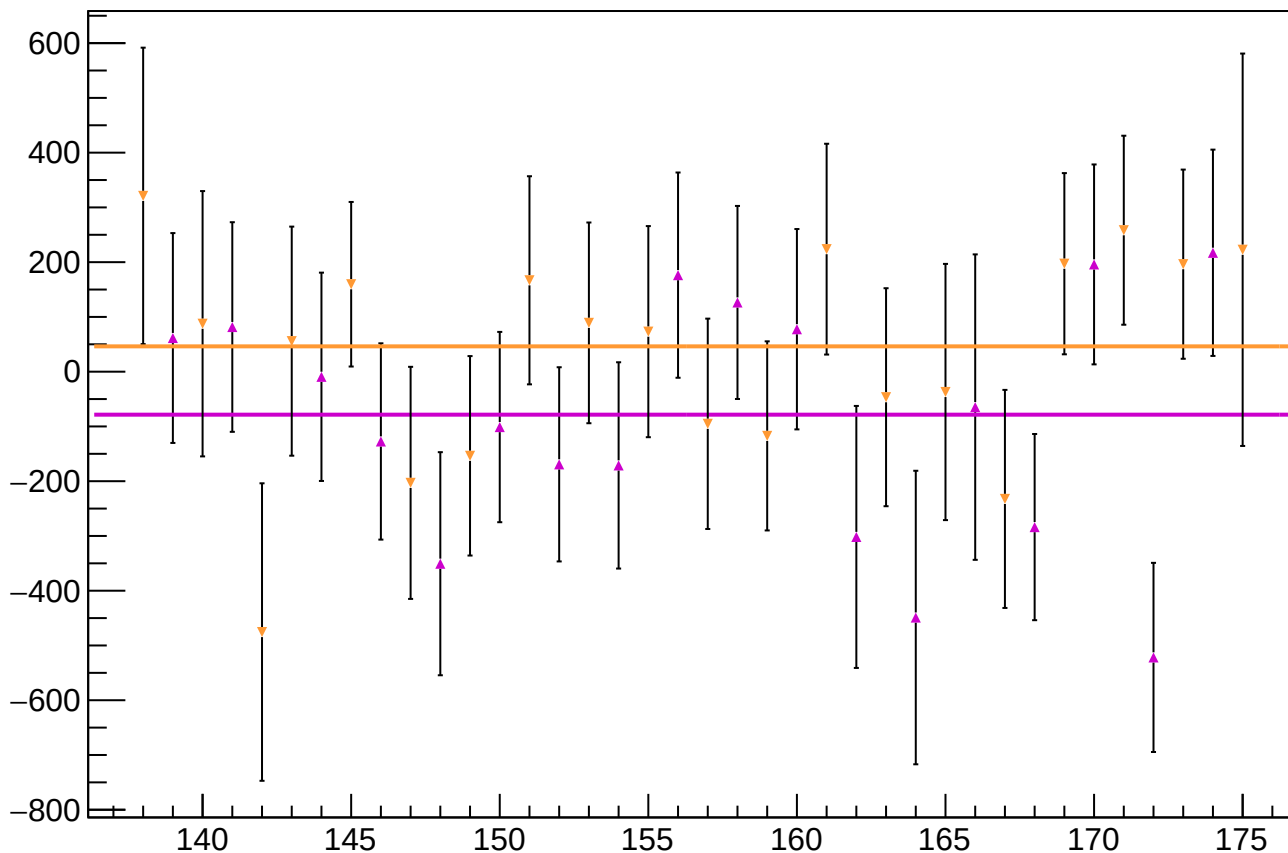
Left In: 541.134+/-0.105 χ^2/NDF :1645632.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.517+/-0.074 χ^2/NDF : 3362599.1/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 46.251 $\pm$ 44.025 χ^2 /NDF:16.3/19

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

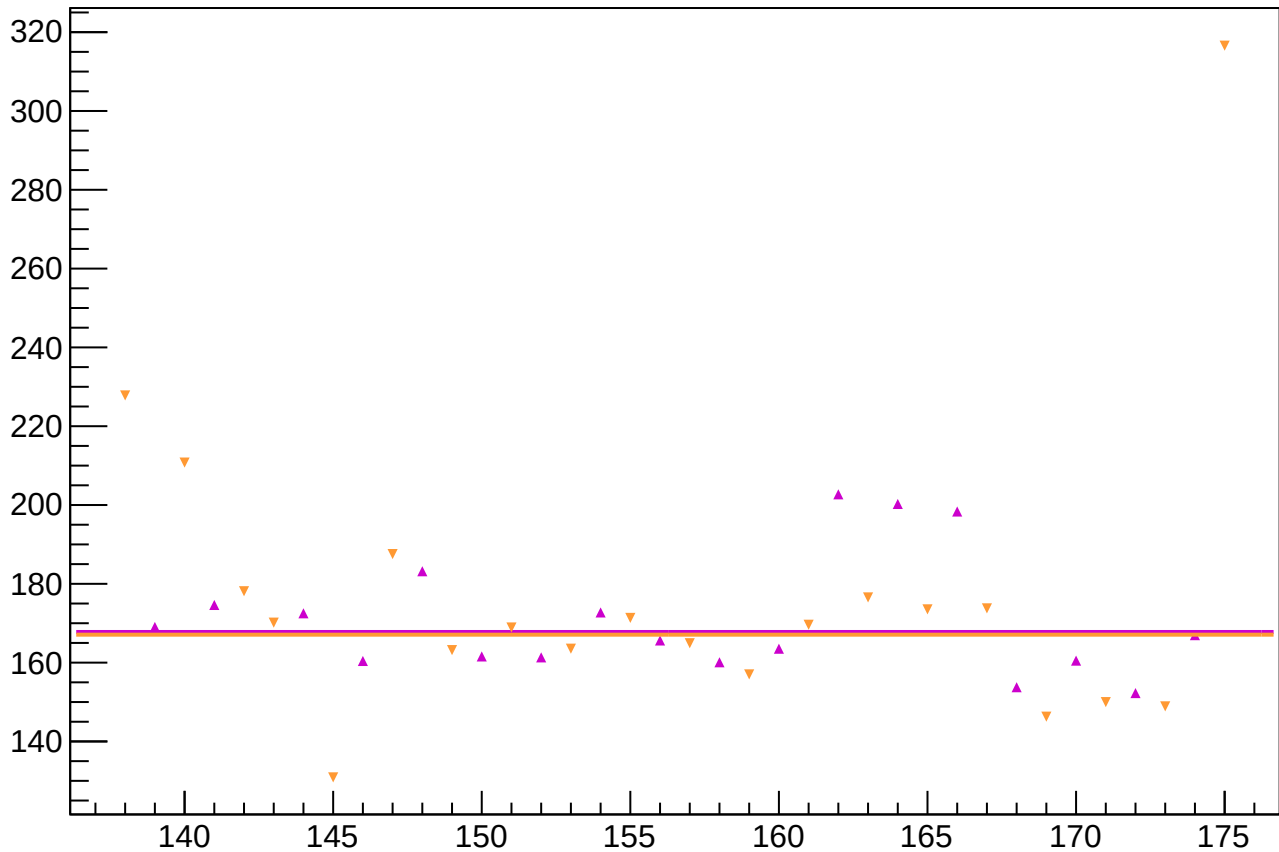
Left In: -78.512 $\pm$ 45.102 χ^2 /NDF:23.2/17

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

All: -14.623 $\pm$ 31.504 χ^2 /NDF: 43.5/37

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

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 167.096+/-0.031 χ^2/NDF :744234.7/19

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

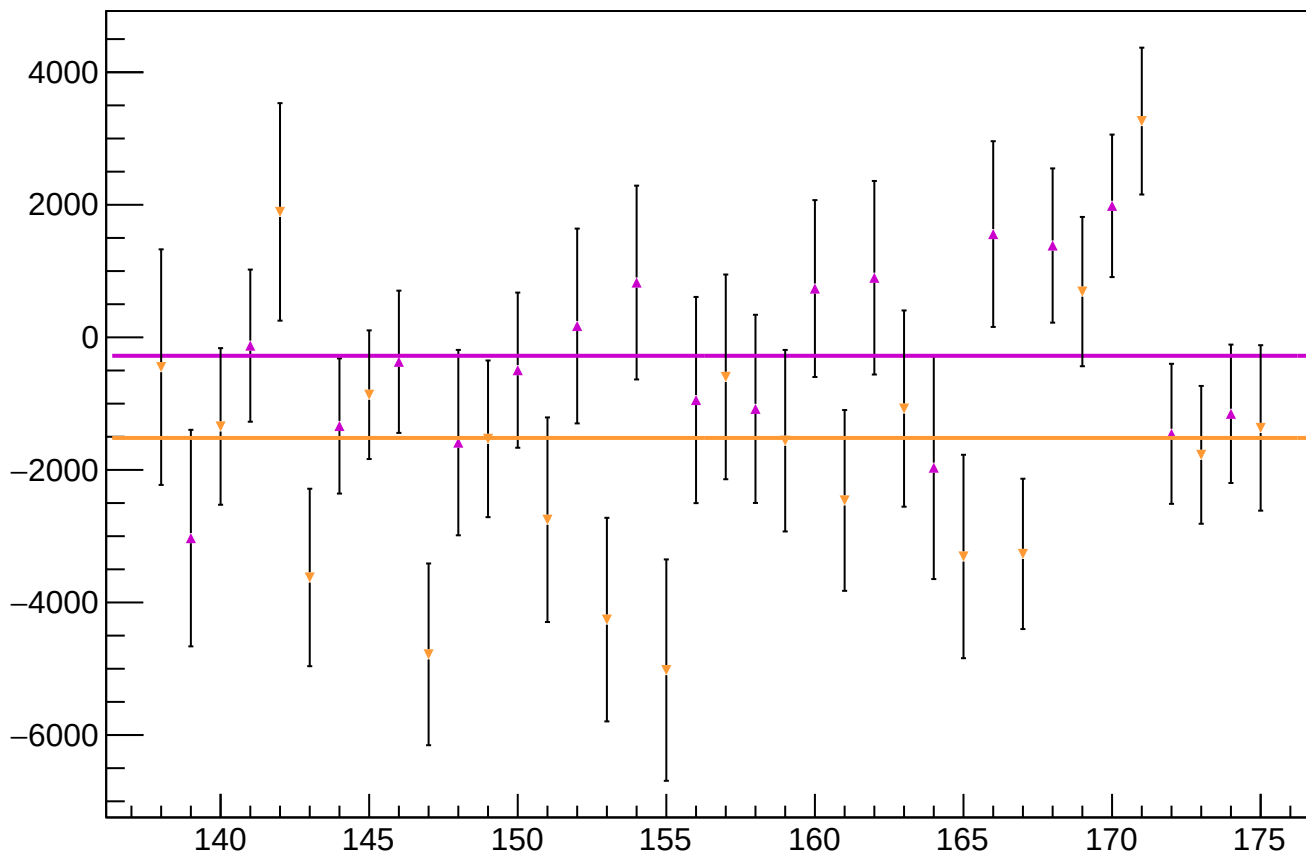
Left In: 167.778+/-0.032 χ^2/NDF :159430.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.429+/-0.022 χ^2/NDF : 903899.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -1517.449 $\pm$ 291.207 χ^2 /NDF:48.7/19

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

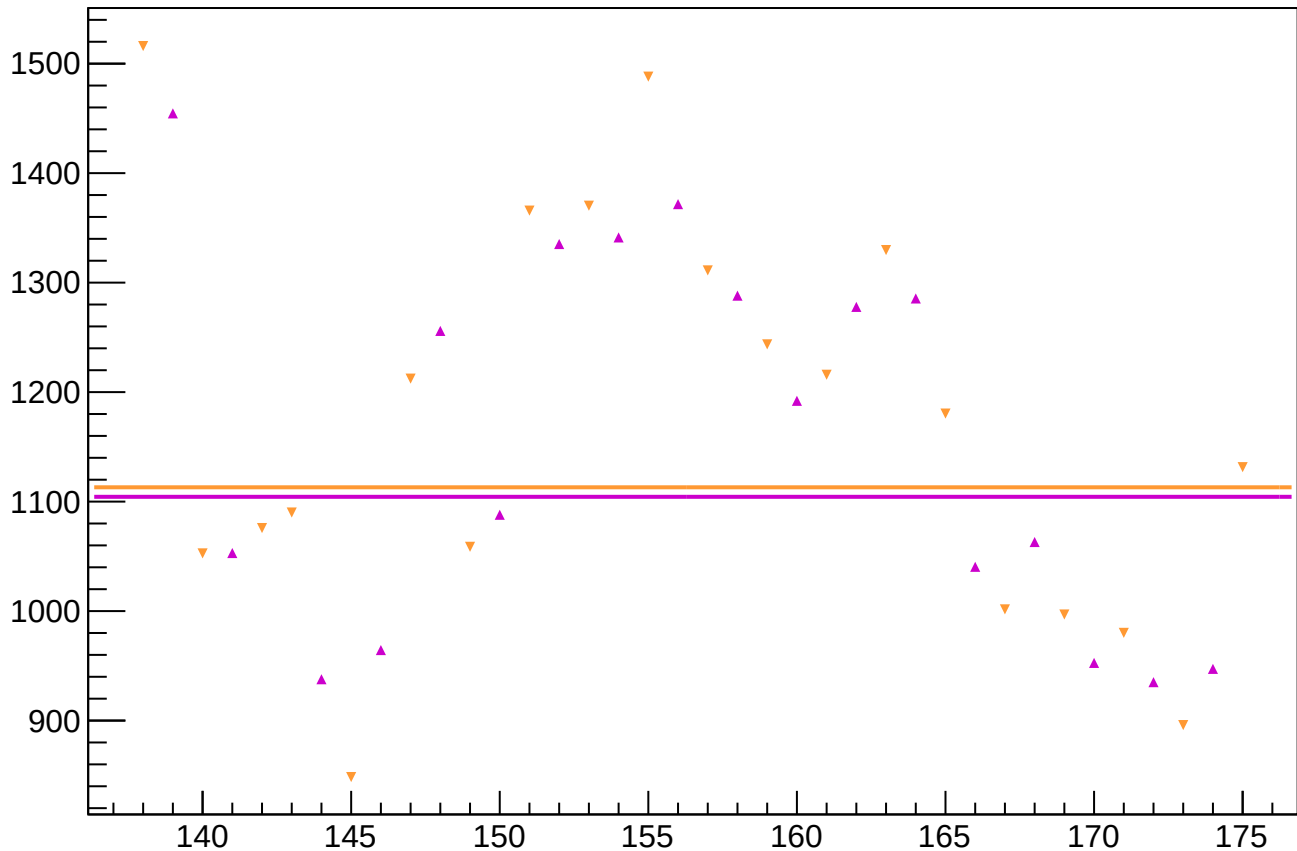
Left In: -278.010 $\pm$ 296.751 χ^2 /NDF:18.4/17

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

All: -909.415 $\pm$ 207.847 χ^2 /NDF: 76.0/37

- sign 0.000 $\pm$ 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: 1113.065+/-0.206 χ^2/NDF : 749901.3/19

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

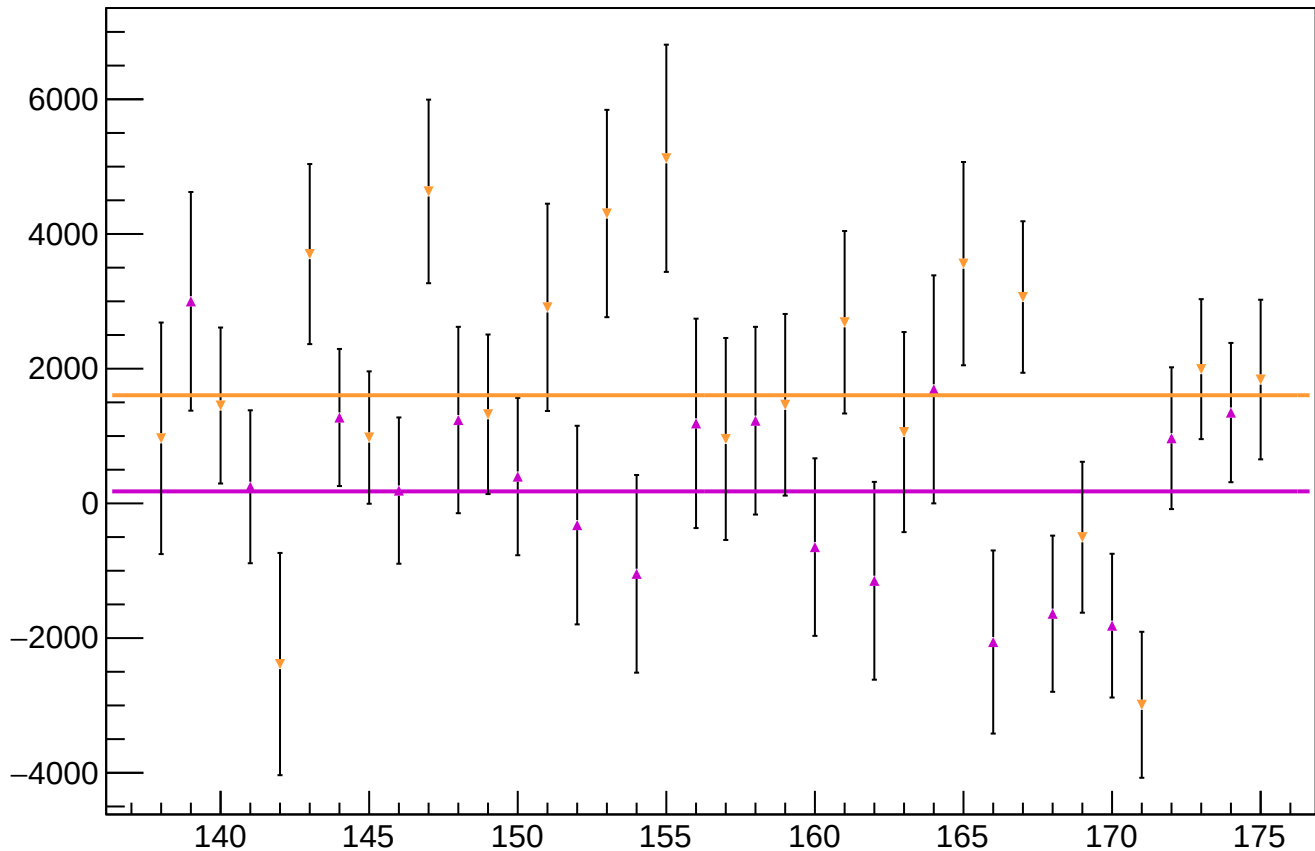
Left In: 1104.378+/-0.210 χ^2/NDF : 604894.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.804+/-0.147 χ^2/NDF : 1355668.5/37

- 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: 1605.700+/-288.642 χ^2/NDF : 48.0/19

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

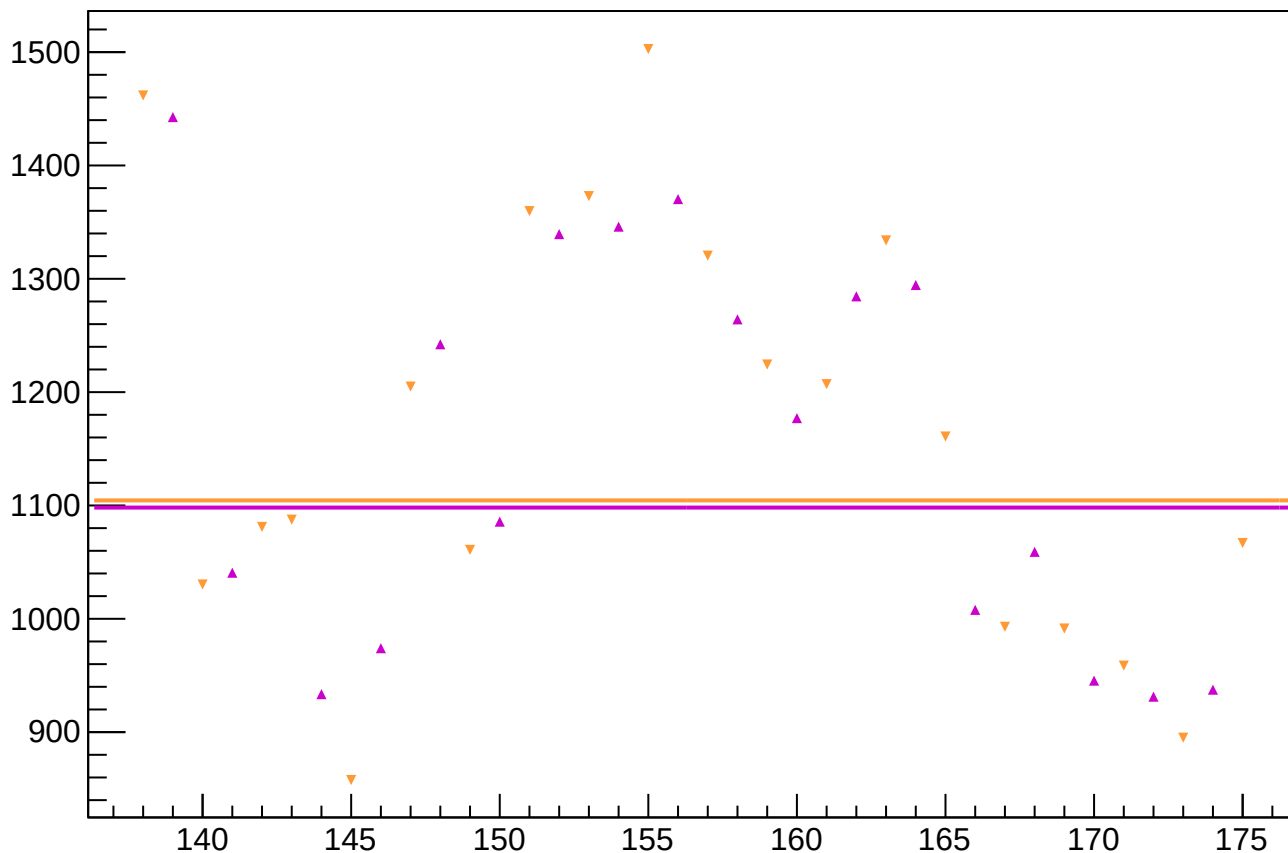
Left In: 178.227+/-295.324 χ^2/NDF : 19.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 908.296+/-206.422 χ^2/NDF : 79.1/37

- 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: 1104.456+/-0.204 χ^2/NDF : 741023.1/19

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

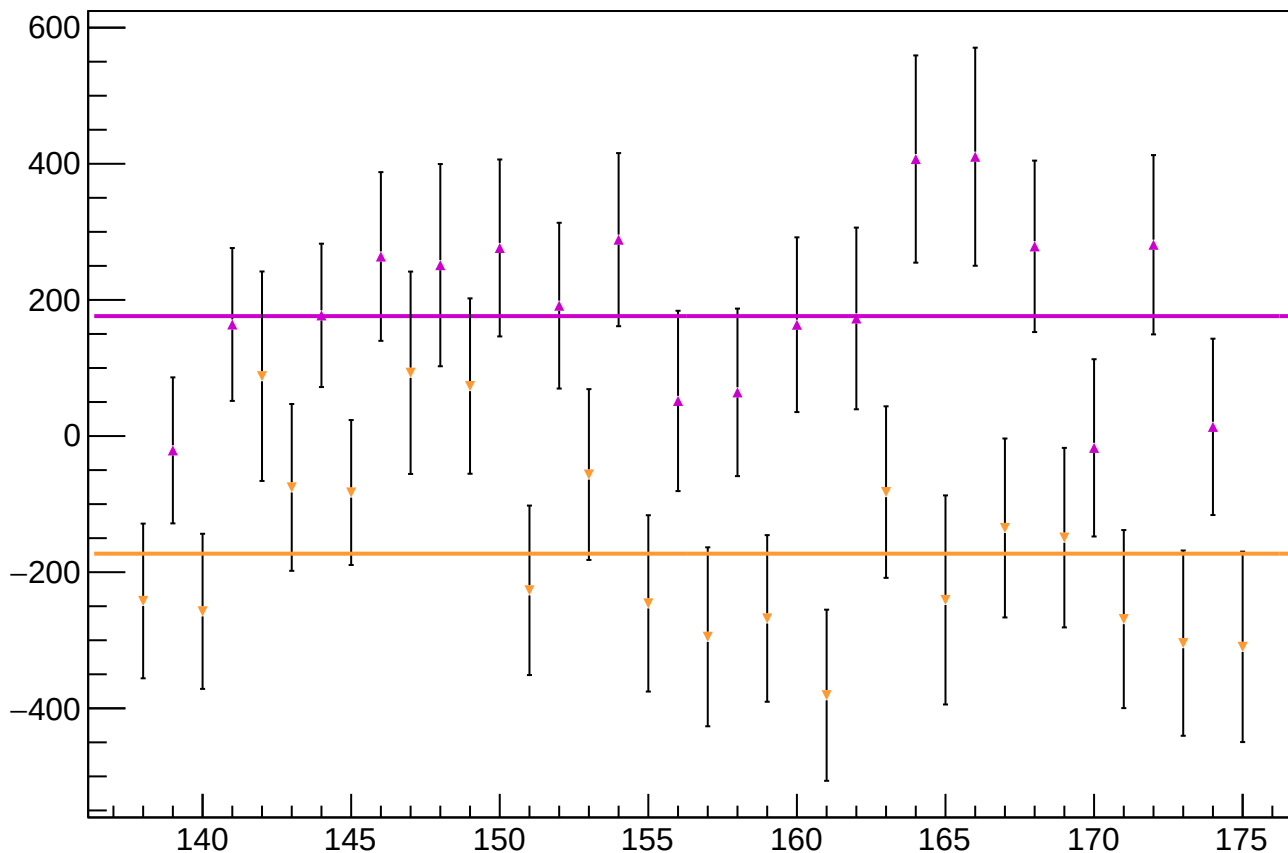
Left In: 1098.148+/-0.209 χ^2/NDF : 612794.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.374+/-0.146 χ^2/NDF : 1354284.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -172.794 $\pm$ 28.668 χ^2/NDF :20.8/19

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

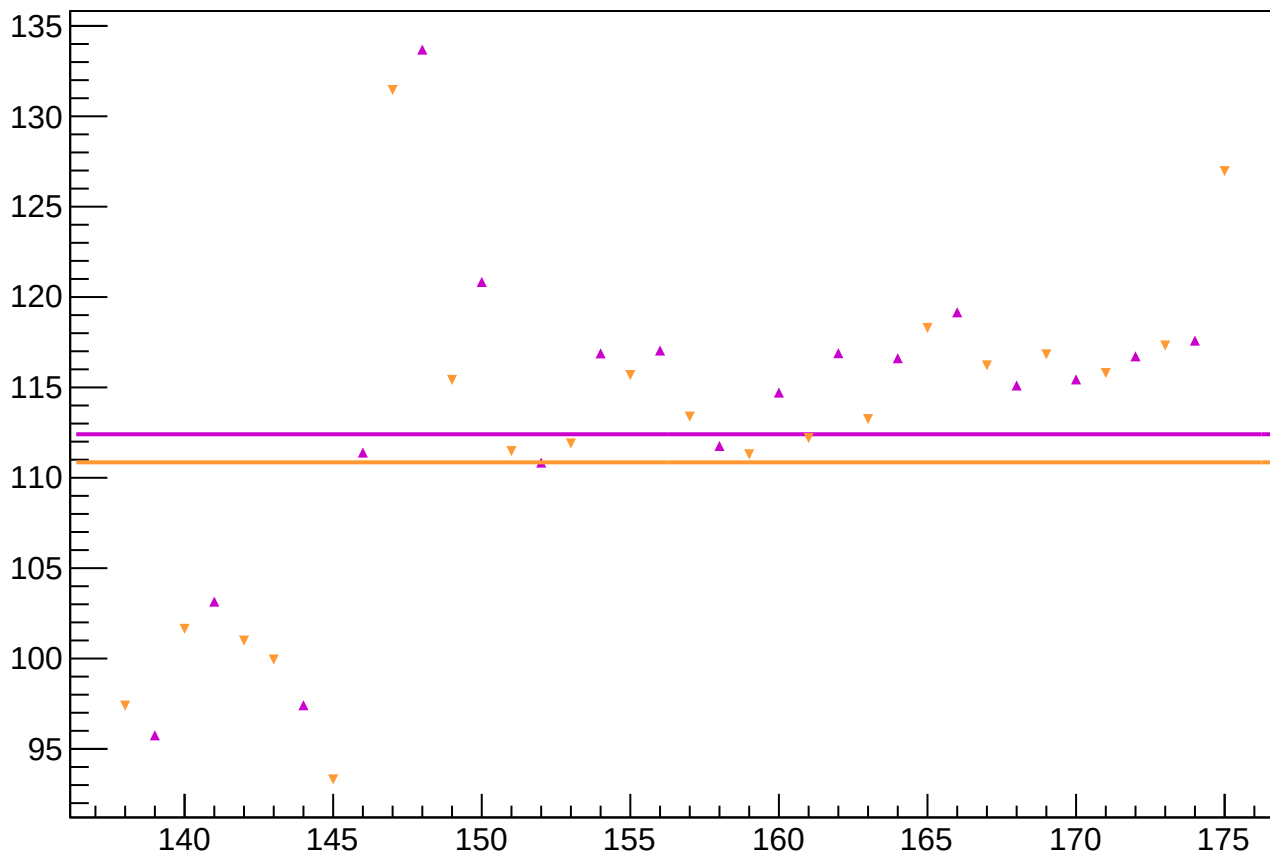
Left In: 176.216 $\pm$ 29.927 χ^2/NDF :16.8/17

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

All: -5.789 $\pm$ 20.702 χ^2/NDF : 108.5/37

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

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 110.855+/-0.020 χ^2/NDF : 211087.4/19

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

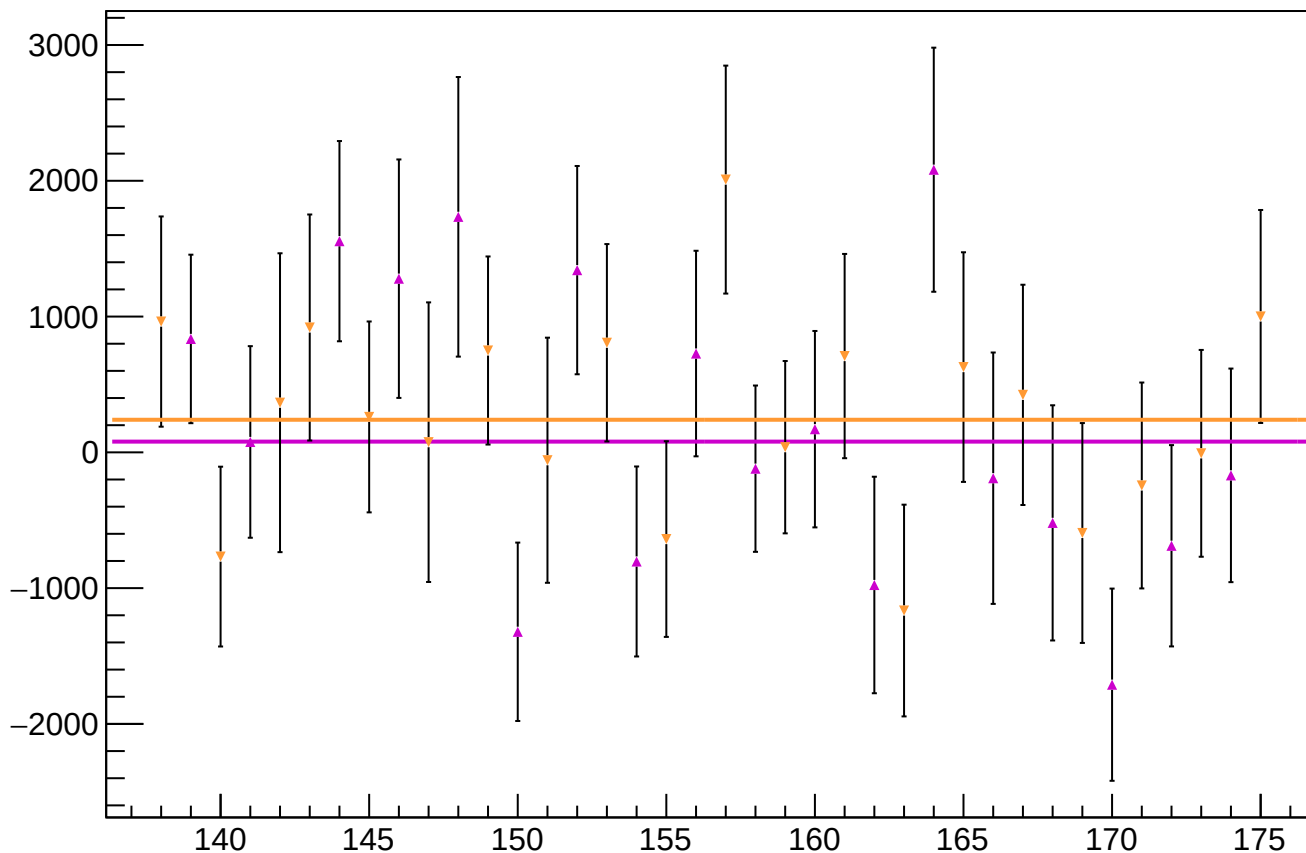
Left In: 112.408+/-0.021 χ^2/NDF : 172598.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.598+/-0.015 χ^2/NDF : 386493.5/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 239.994 $\pm$ 173.646 χ^2 /NDF:17.6/19

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

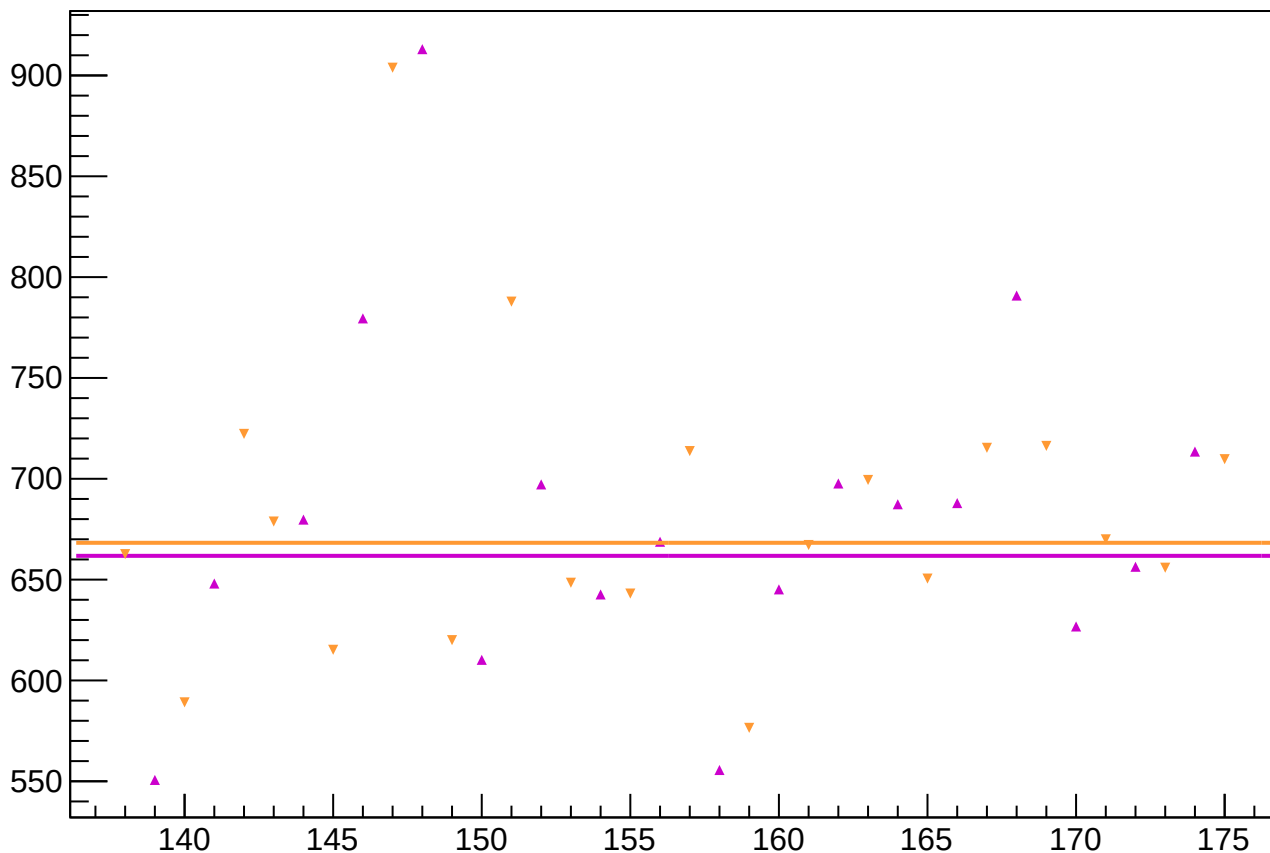
Left In: 79.043 $\pm$ 177.295 χ^2 /NDF:34.5/17

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

All: 161.192 $\pm$ 124.056 χ^2 /NDF: 52.5/37

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

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 668.259+/-0.123 χ^2/NDF : 270318.4/19

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

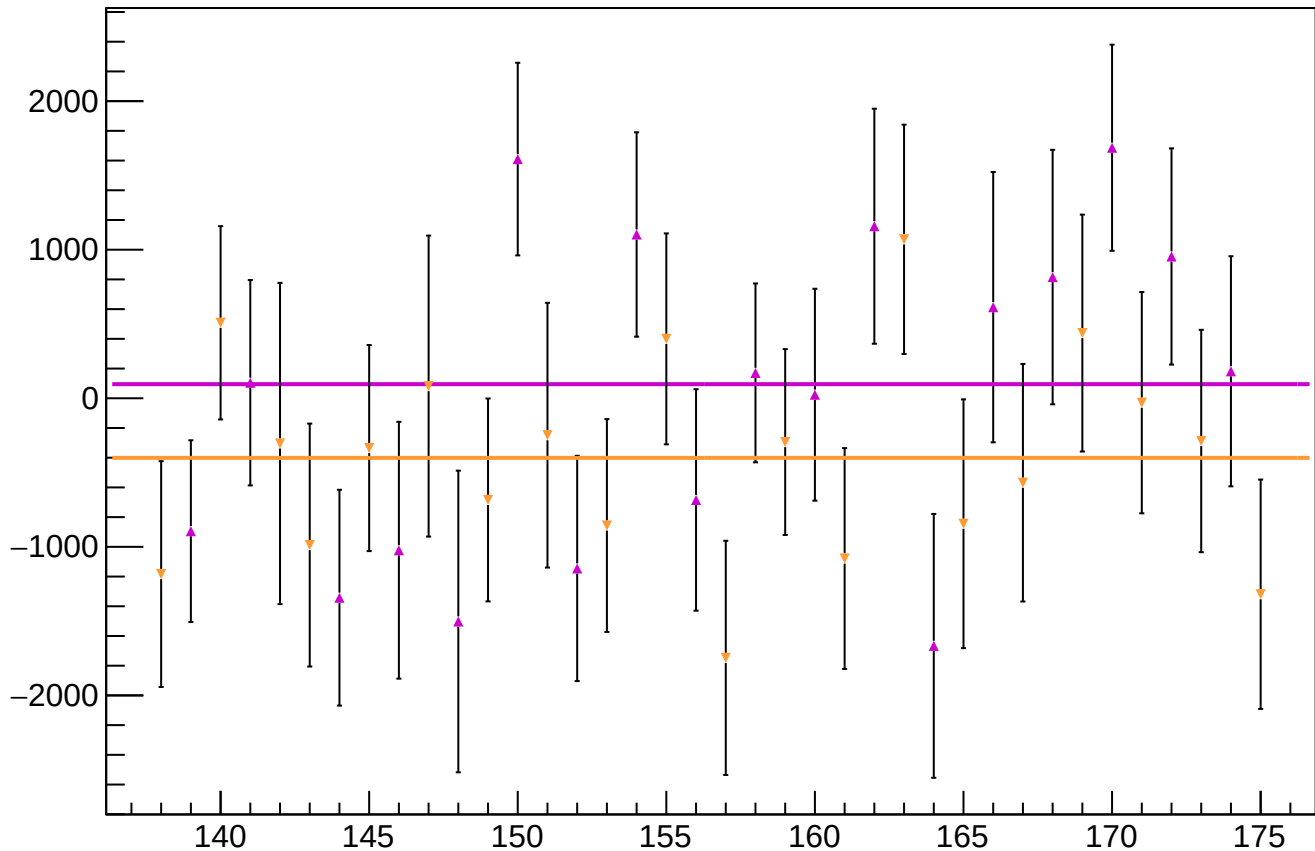
Left In: 661.793+/-0.125 χ^2/NDF : 365935.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.093+/-0.088 χ^2/NDF : 637612.2/37

- 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: -401.111+/-170.686 χ^2/NDF :16.2/19

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

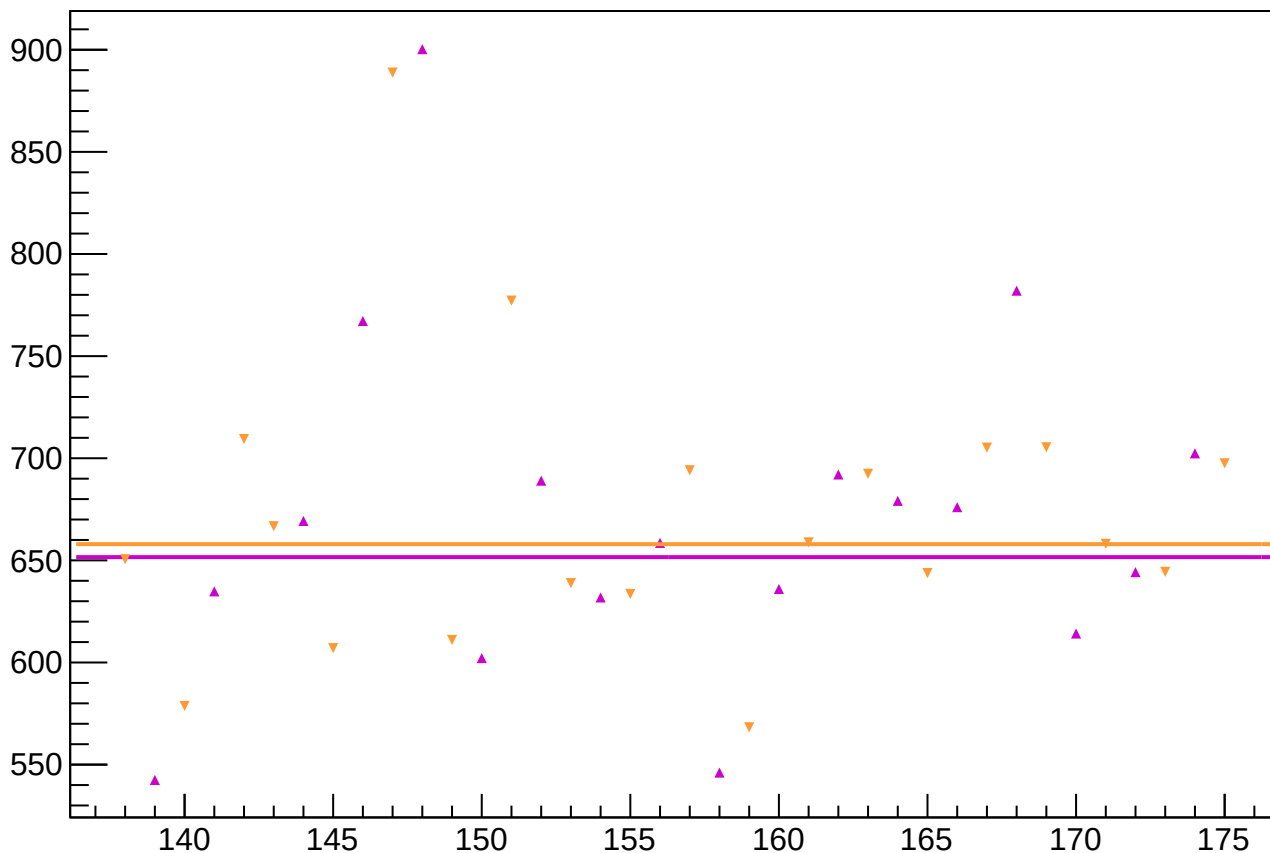
Left In: 94.963+/-174.603 χ^2/NDF :35.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.702+/-122.054 χ^2/NDF : 55.8/37

- 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: 657.935+/-0.121 χ^2/NDF : 268171.4/19

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

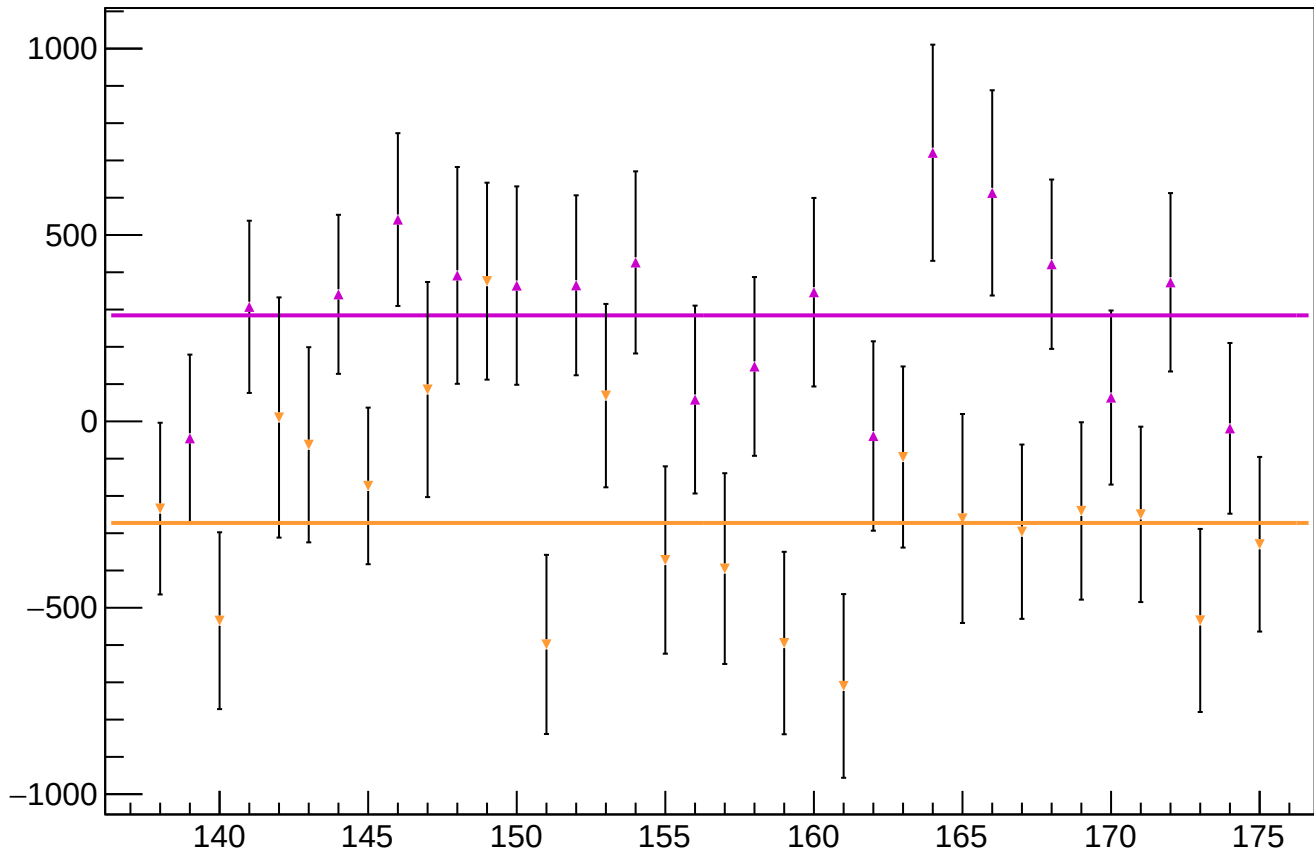
Left In: 651.585+/-0.123 χ^2/NDF : 372086.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.832+/-0.086 χ^2/NDF : 641610.3/37

- 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: -272.468 $\pm$ 55.345 χ^2 /NDF:21.3/19

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

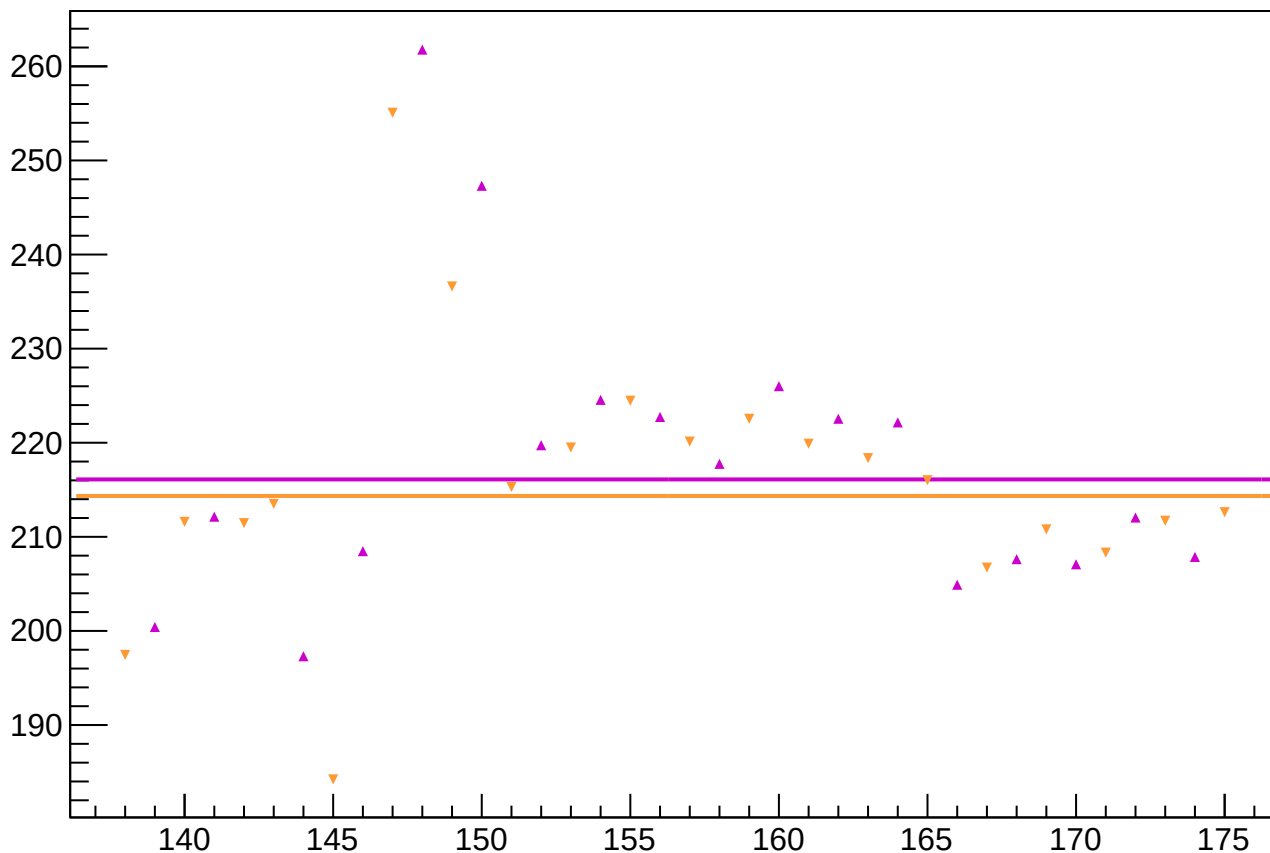
Left In: 284.389 $\pm$ 57.482 χ^2 /NDF:13.8/17

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

All: -4.580 $\pm$ 39.869 χ^2 /NDF: 83.7/37

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

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 214.343+/-0.039 χ^2/NDF :119665.0/19

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

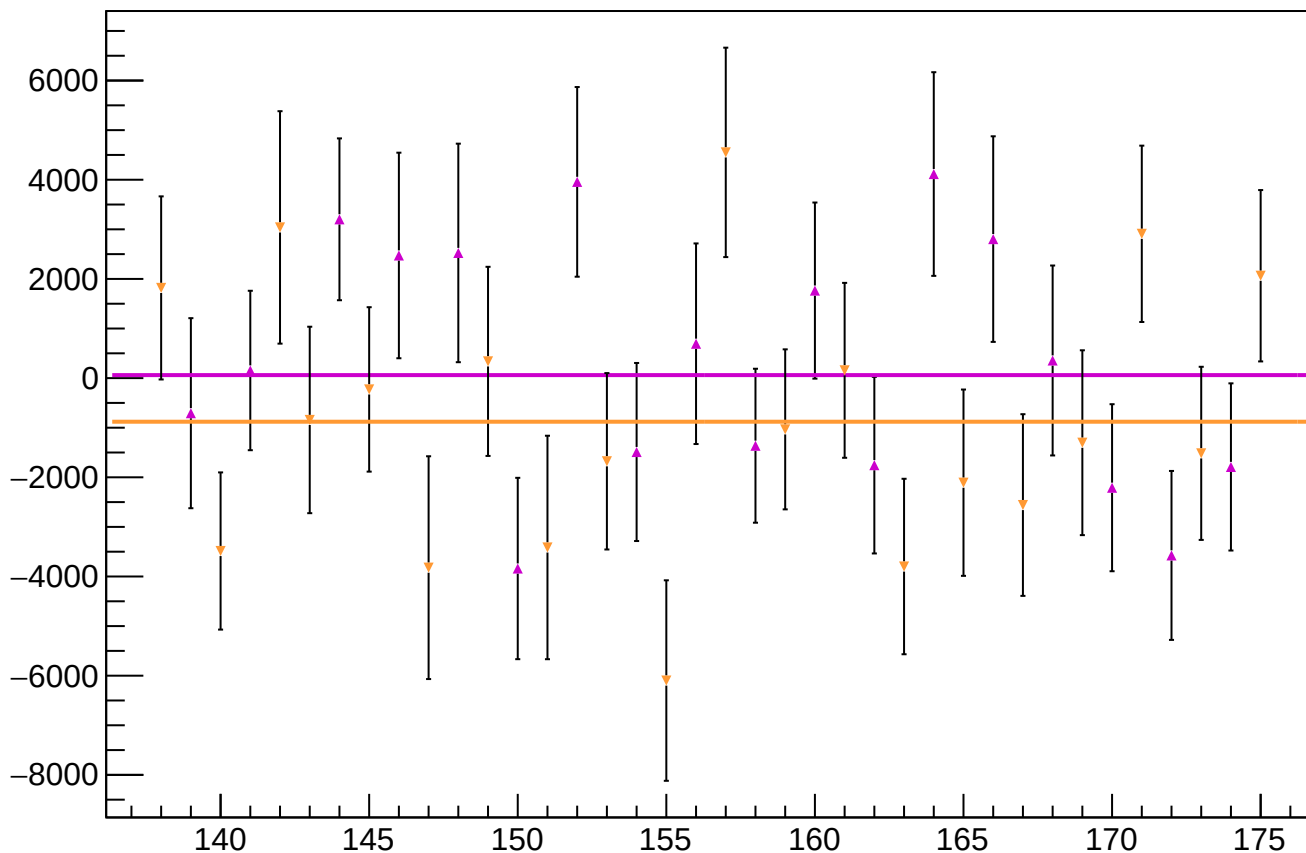
Left In: 216.100+/-0.041 χ^2/NDF :126681.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.189+/-0.028 χ^2/NDF : 247316.3/37

- 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: -879.136+/-413.421 χ^2/NDF : 36.6/19

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

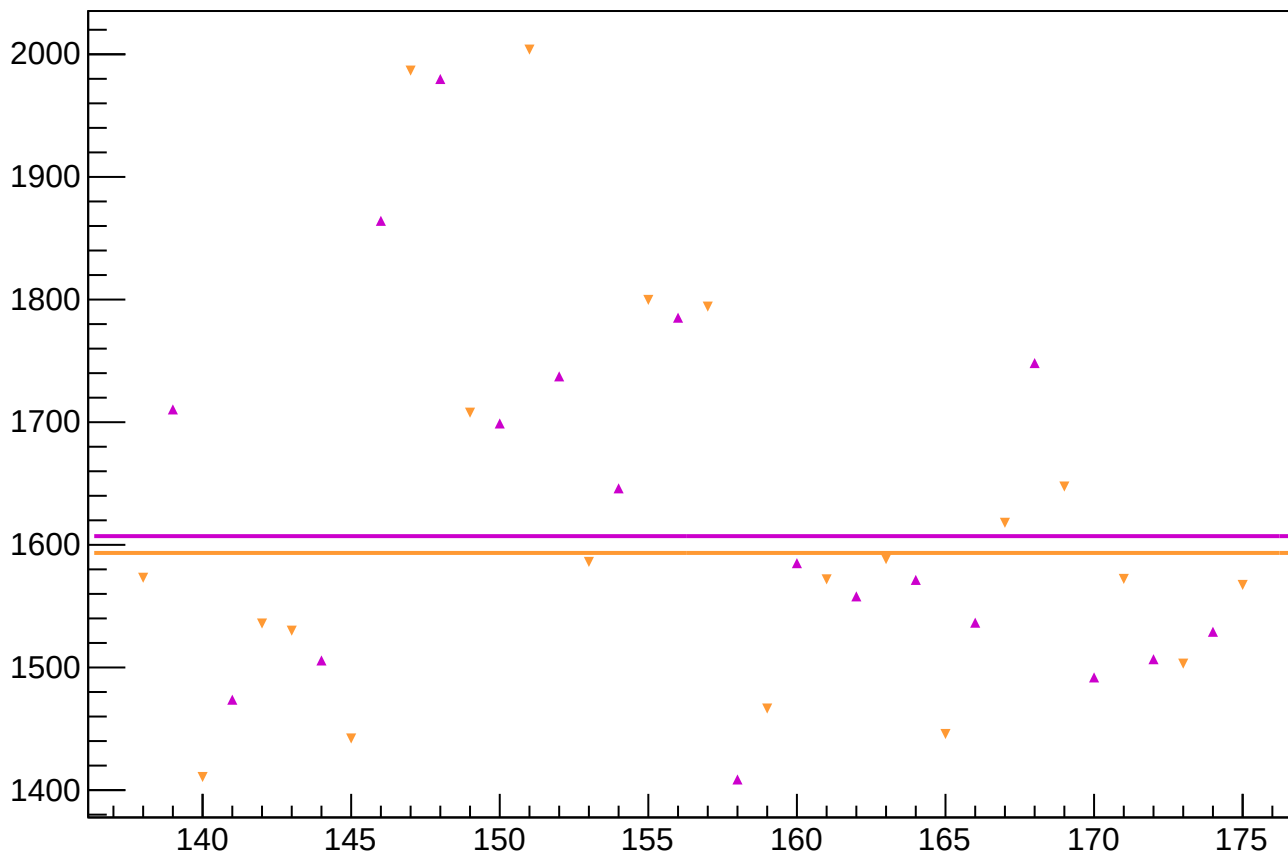
Left In: 60.696+/-428.696 χ^2/NDF : 32.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -426.262+/-297.587 χ^2/NDF : 71.2/37

- 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: 1593.401+/-0.292 χ^2/NDF : 253993.7/19

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

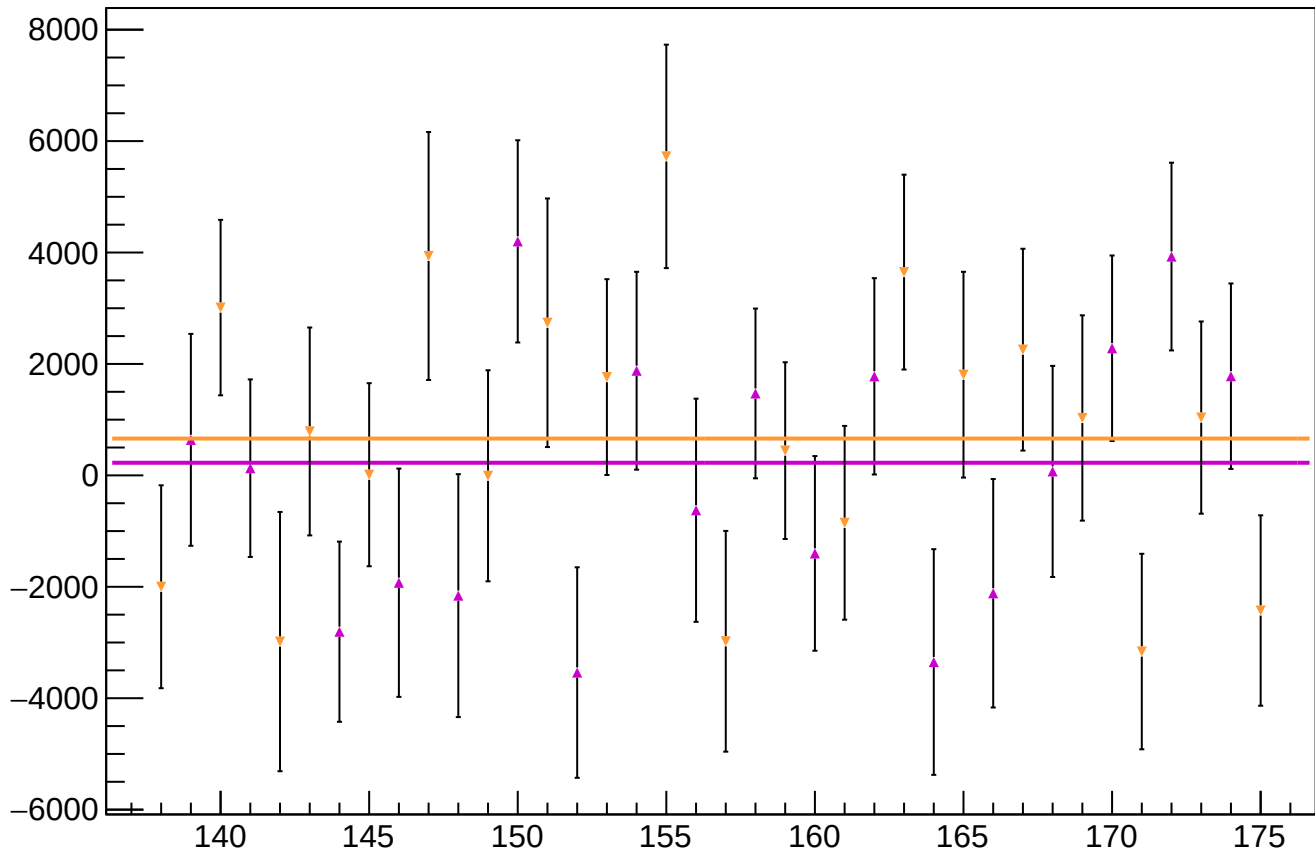
Left In: 1607.103+/-0.303 χ^2/NDF : 215008.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.004+/-0.210 χ^2/NDF : 470060.5/37

- 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: 660.864+/-408.017 χ^2/NDF : 33.2/19

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

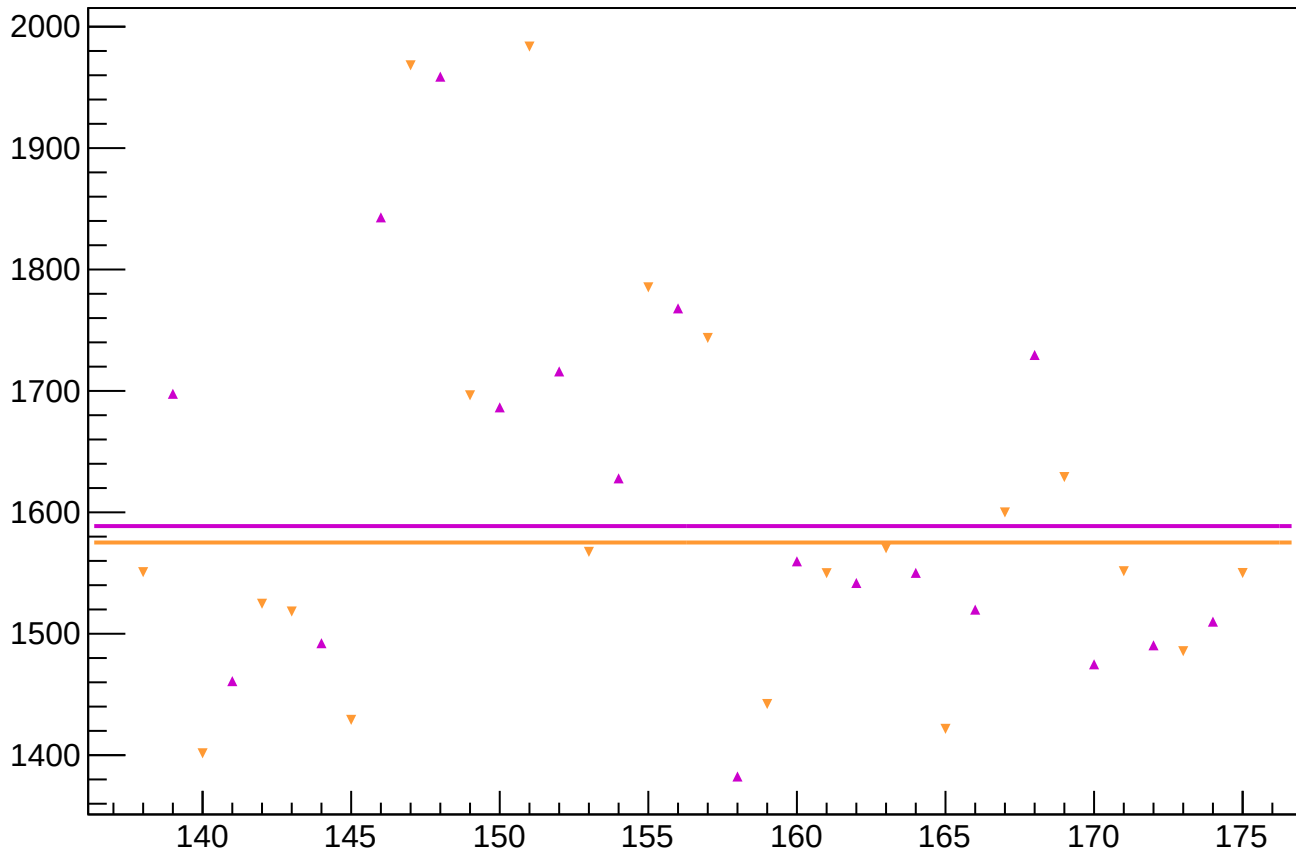
Left In: 226.458+/-423.852 χ^2/NDF : 29.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.928+/-293.950 χ^2/NDF : 63.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



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

Left Out: 1575.156+/-0.289 χ^2/NDF : 253967.3/19

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

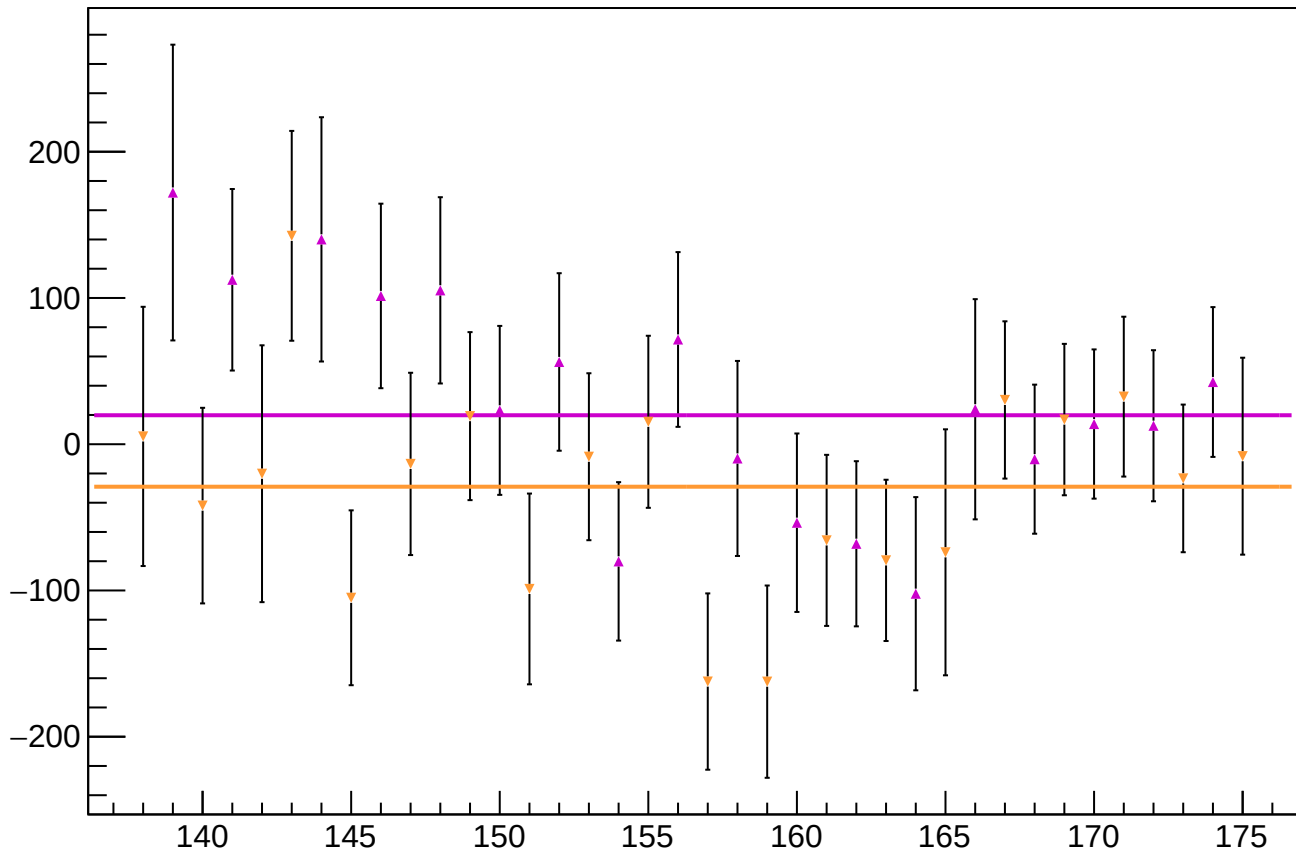
Left In: 1588.678+/-0.300 χ^2/NDF : 220199.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.659+/-0.208 χ^2/NDF : 475223.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -29.052+/-13.759 χ^2/NDF : 24.0/19

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

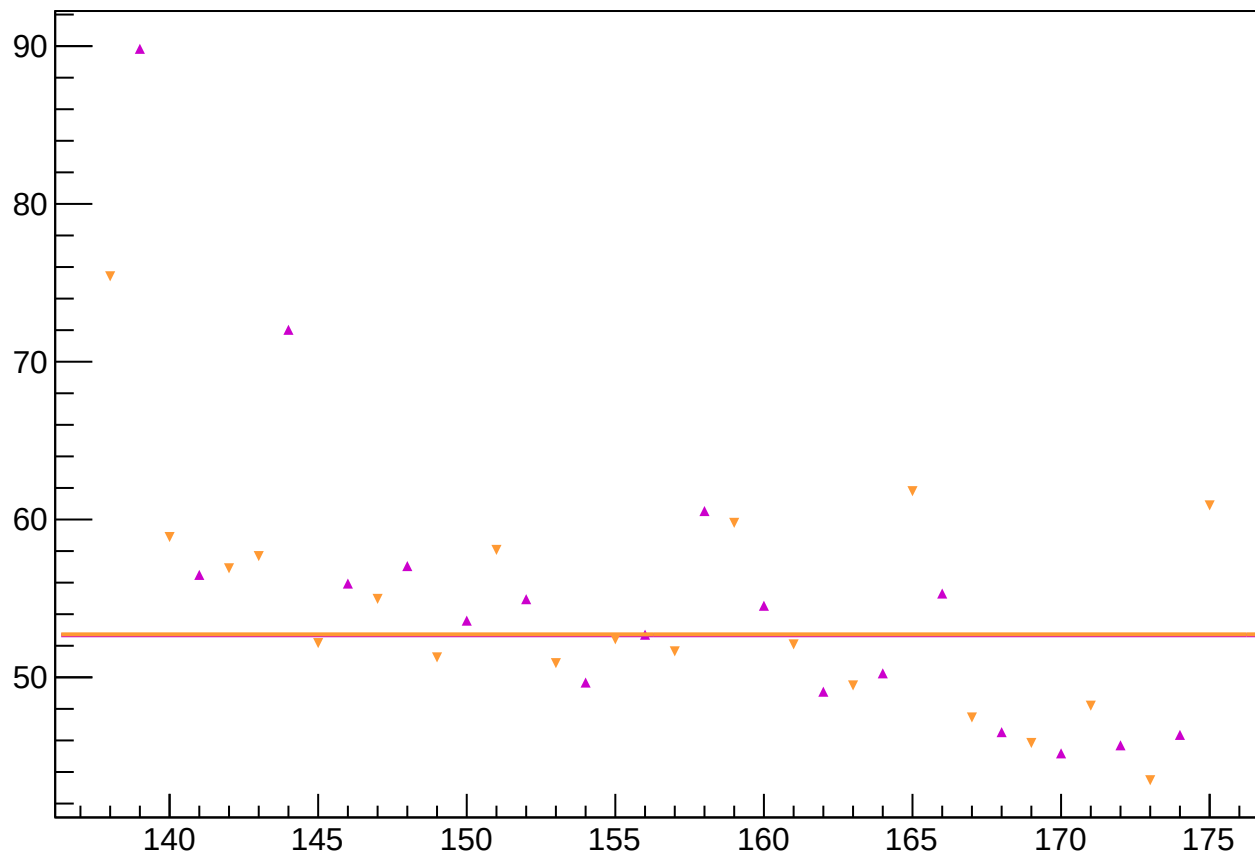
Left In: 19.813+/-14.244 χ^2/NDF : 22.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.465+/-9.896 χ^2/NDF : 52.7/37

- 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: 52.723+/-0.010 χ^2/NDF : 400746.1/19

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

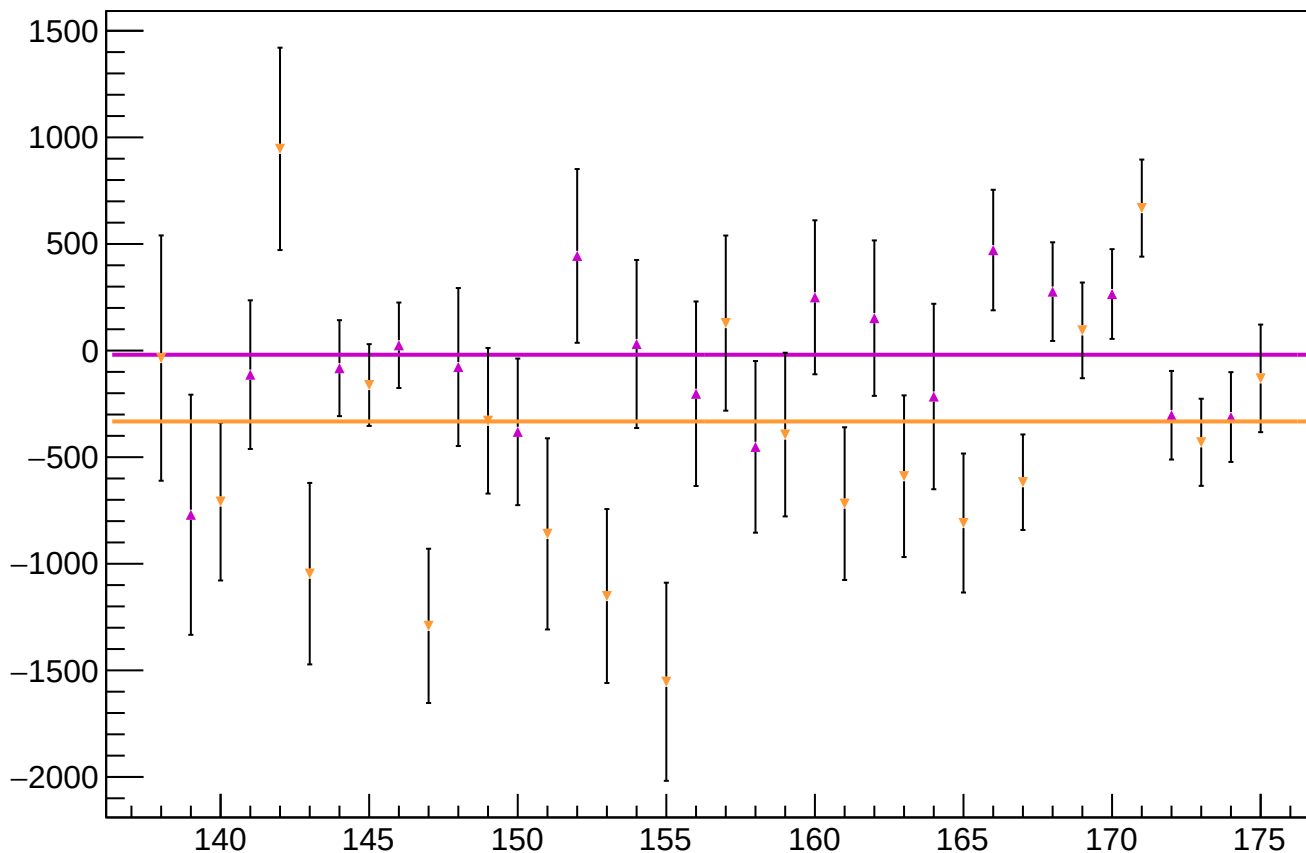
Left In: 52.666+/-0.010 χ^2/NDF : 591397.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.695+/-0.007 χ^2/NDF : 992160.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -332.439+/-68.215 χ^2/NDF : 62.0/19

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

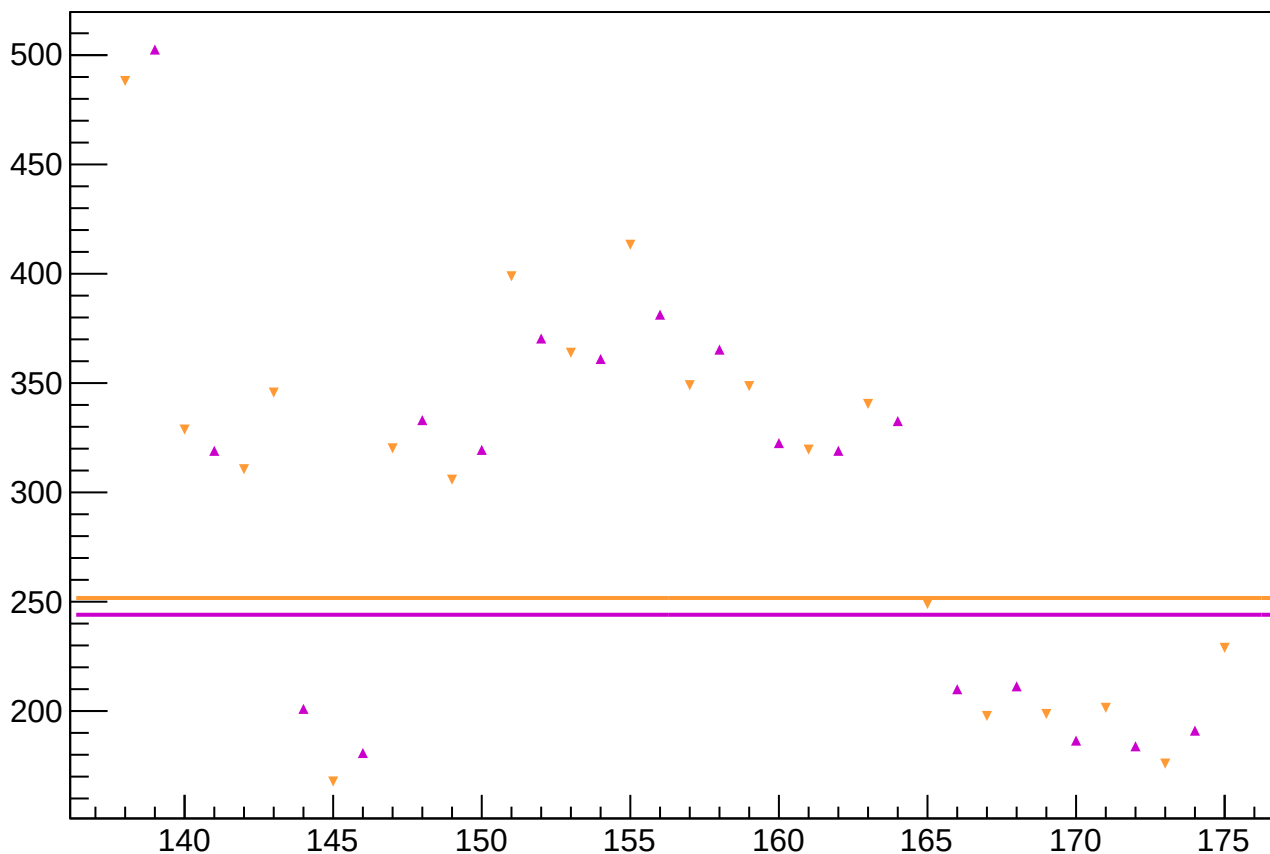
Left In: -19.579+/-68.091 χ^2/NDF : 17.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.724+/-48.191 χ^2/NDF : 89.5/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 251.707+/-0.048 χ^2/NDF :2703632.3/19

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

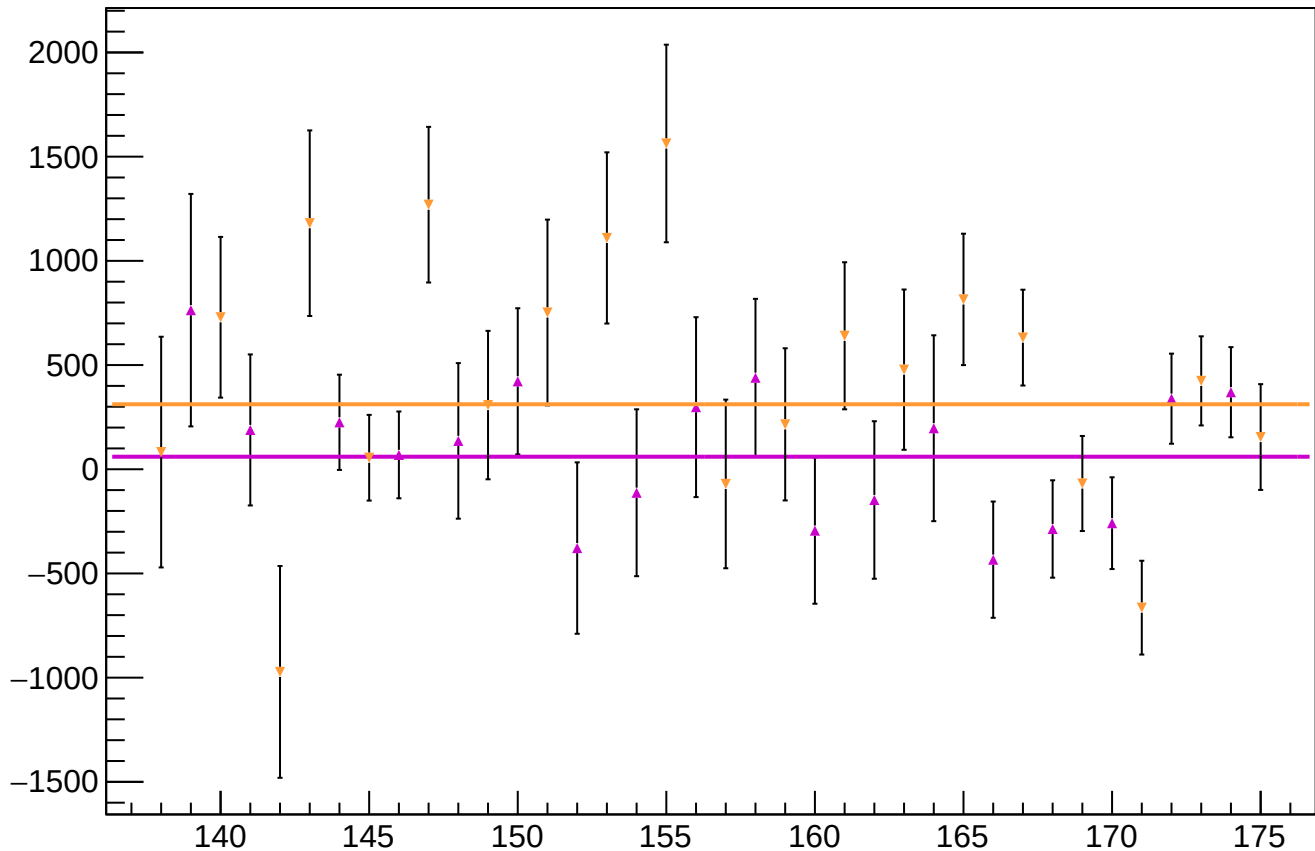
Left In: 244.033+/-0.048 χ^2/NDF :2524001.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.863+/-0.034 χ^2/NDF : 5240312.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 311.840 $\pm$ 69.546 χ^2 /NDF:60.1/19

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

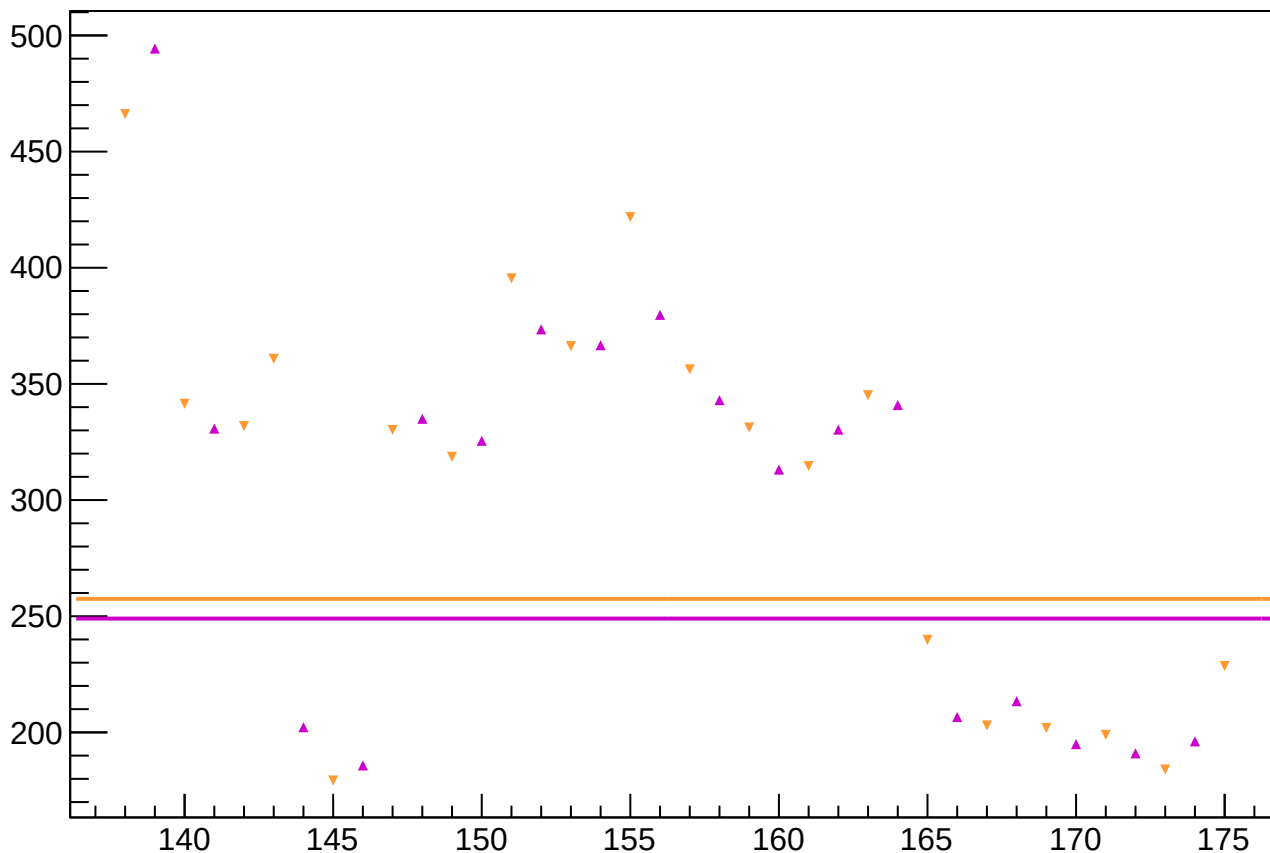
Left In: 60.130 $\pm$ 69.410 χ^2 /NDF:18.5/17

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

All: 185.739 $\pm$ 49.128 χ^2 /NDF: 85.2/37

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

asym_sam_37_dd_rms vs Slug



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

Left Out: 257.476+/-0.049 χ^2/NDF : 2517350.1/19

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

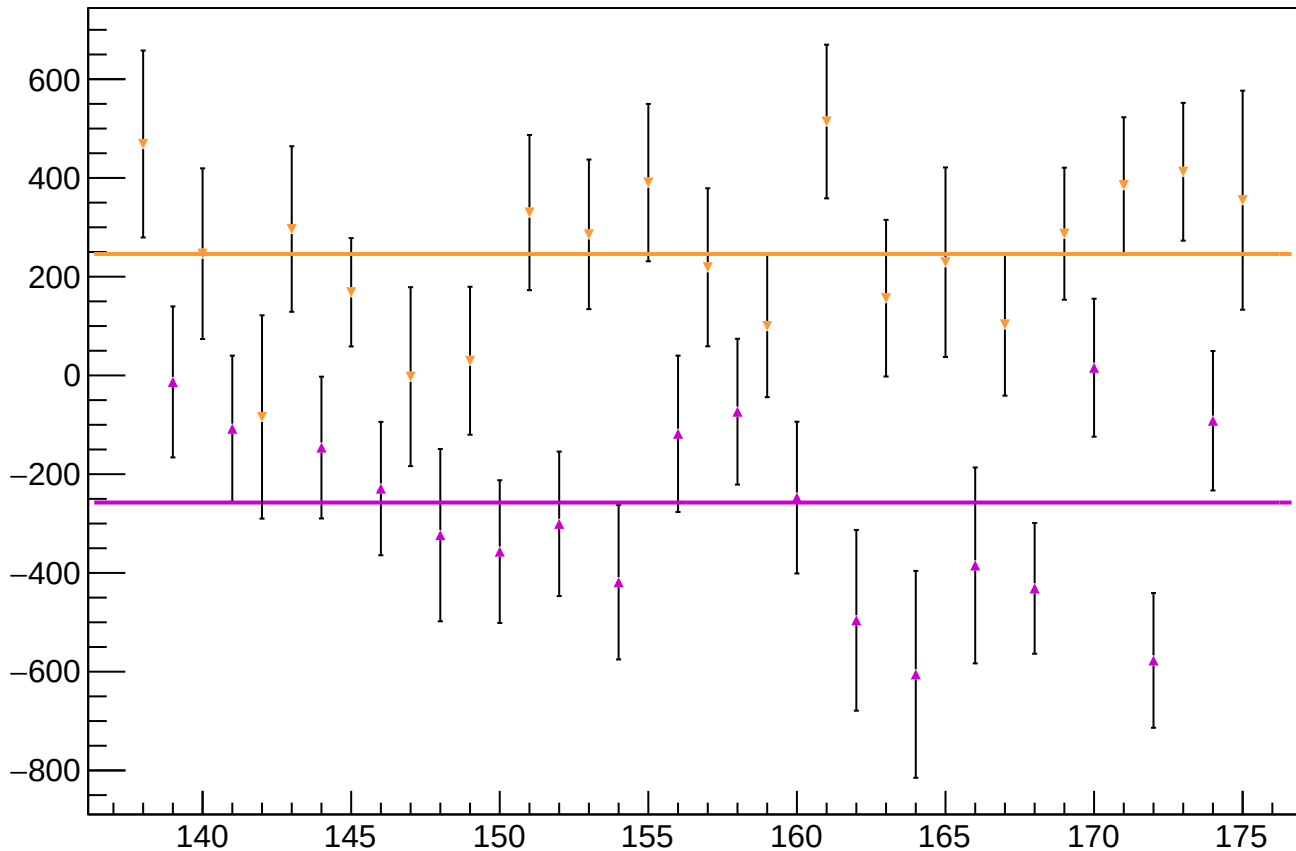
Left In: 248.986+/-0.049 χ^2/NDF : 2342048.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.222+/-0.035 χ^2/NDF : 4874331.1/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 245.994 $\pm$ 34.798 χ^2 /NDF:17.8/19

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

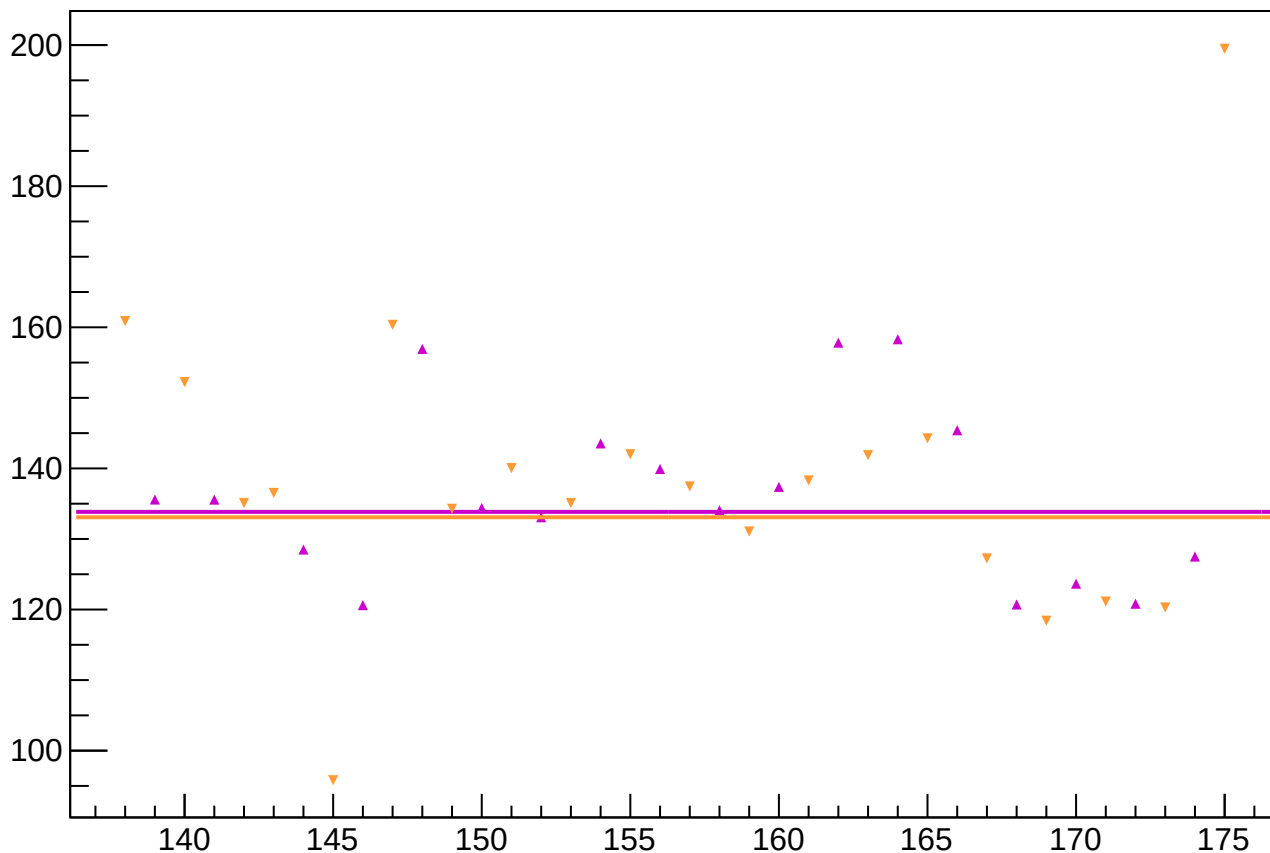
Left In: -257.425 $\pm$ 35.845 χ^2 /NDF:25.6/17

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

All: 1.742 $\pm$ 24.968 χ^2 /NDF: 144.9/37

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

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 133.077+/-0.025 χ^2/NDF : 611016.8/19

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

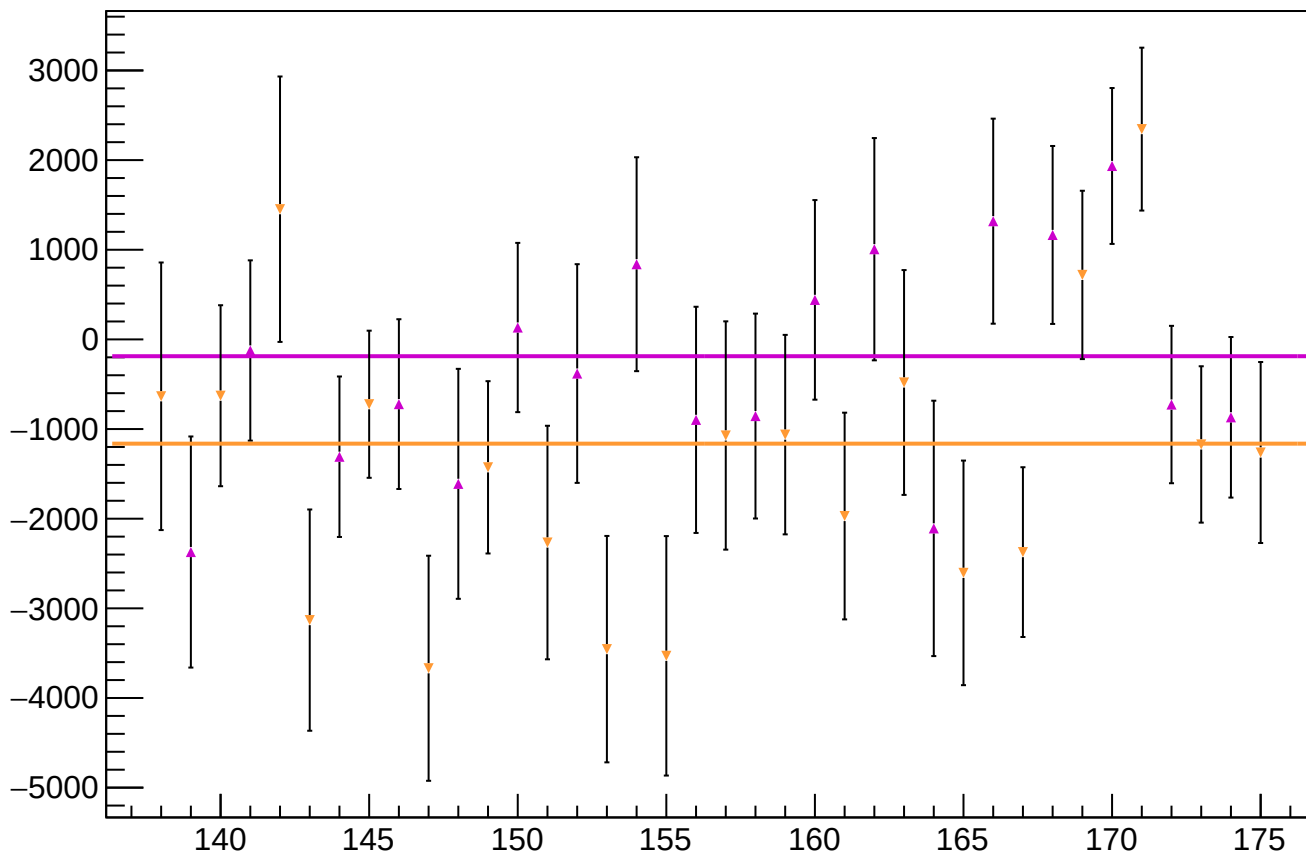
Left In: 133.842+/-0.025 χ^2/NDF : 190166.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.448+/-0.018 χ^2/NDF : 801652.4/37

- 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: -1162.986+/-244.481 χ^2/NDF : 40.3/19

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

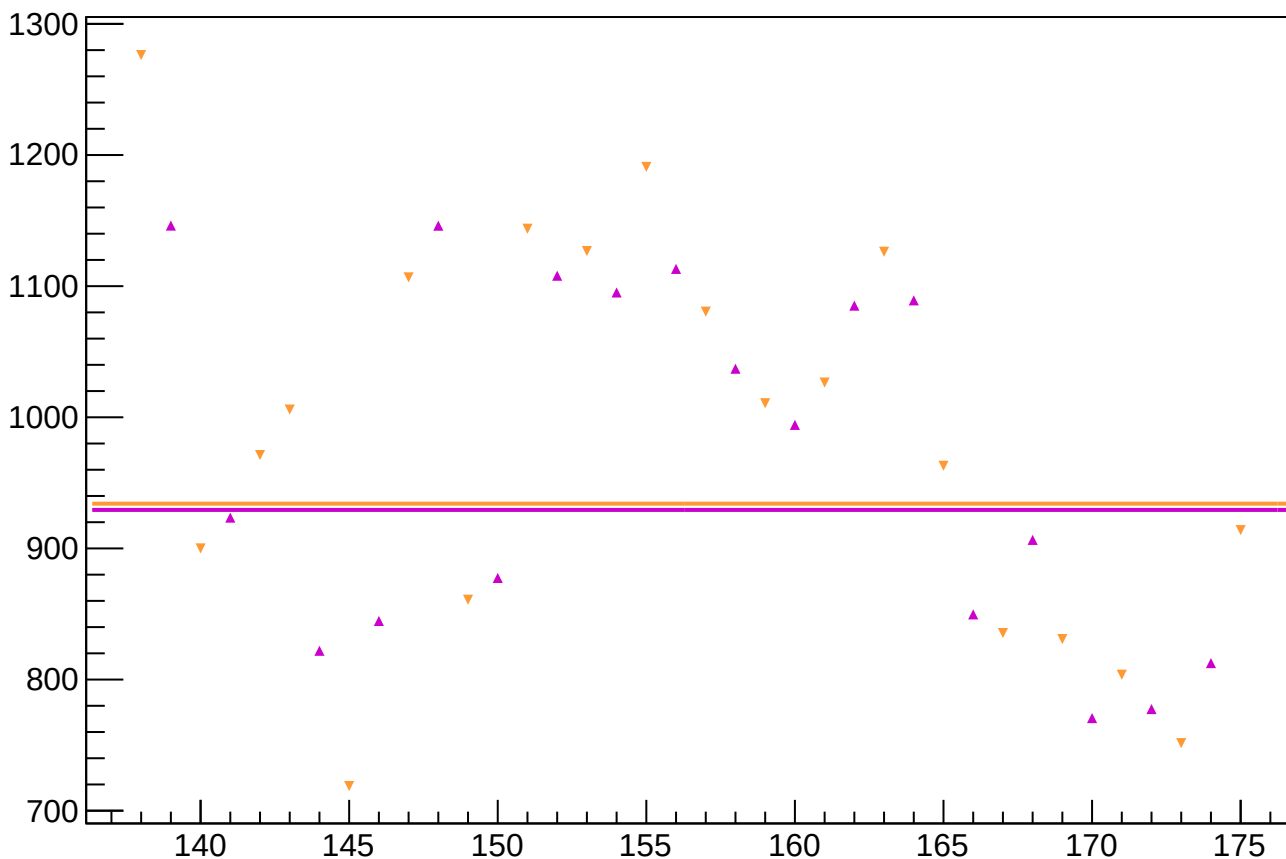
Left In: -187.529+/-249.606 χ^2/NDF : 21.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -685.374+/-174.658 χ^2/NDF : 69.2/37

- 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: 934.133+/-0.173 χ^2/NDF : 747215.3/19

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

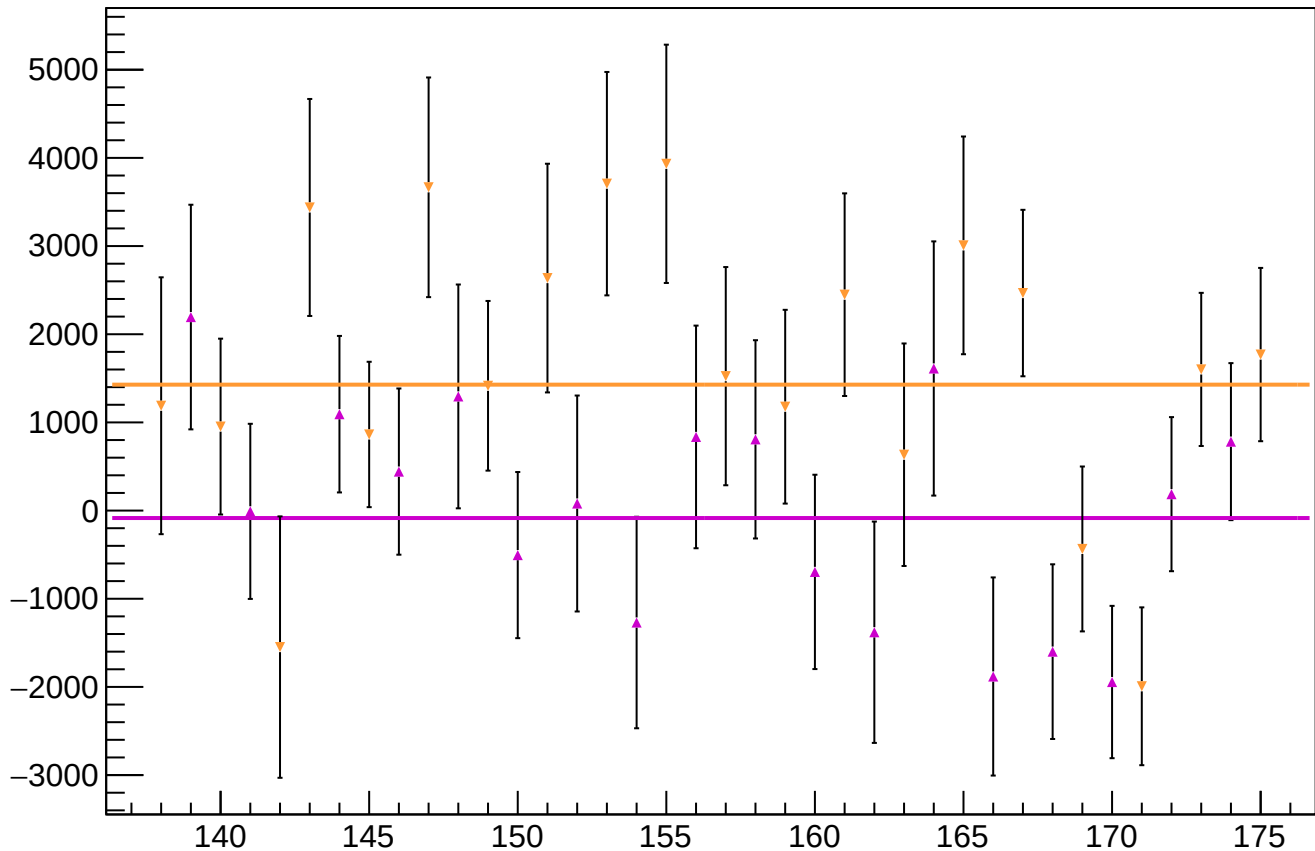
Left In: 929.361+/-0.176 χ^2/NDF : 541176.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 931.797+/-0.124 χ^2/NDF : 1288764.8/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1428.234 $\pm$ 242.878 χ^2 /NDF:41.0/19

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

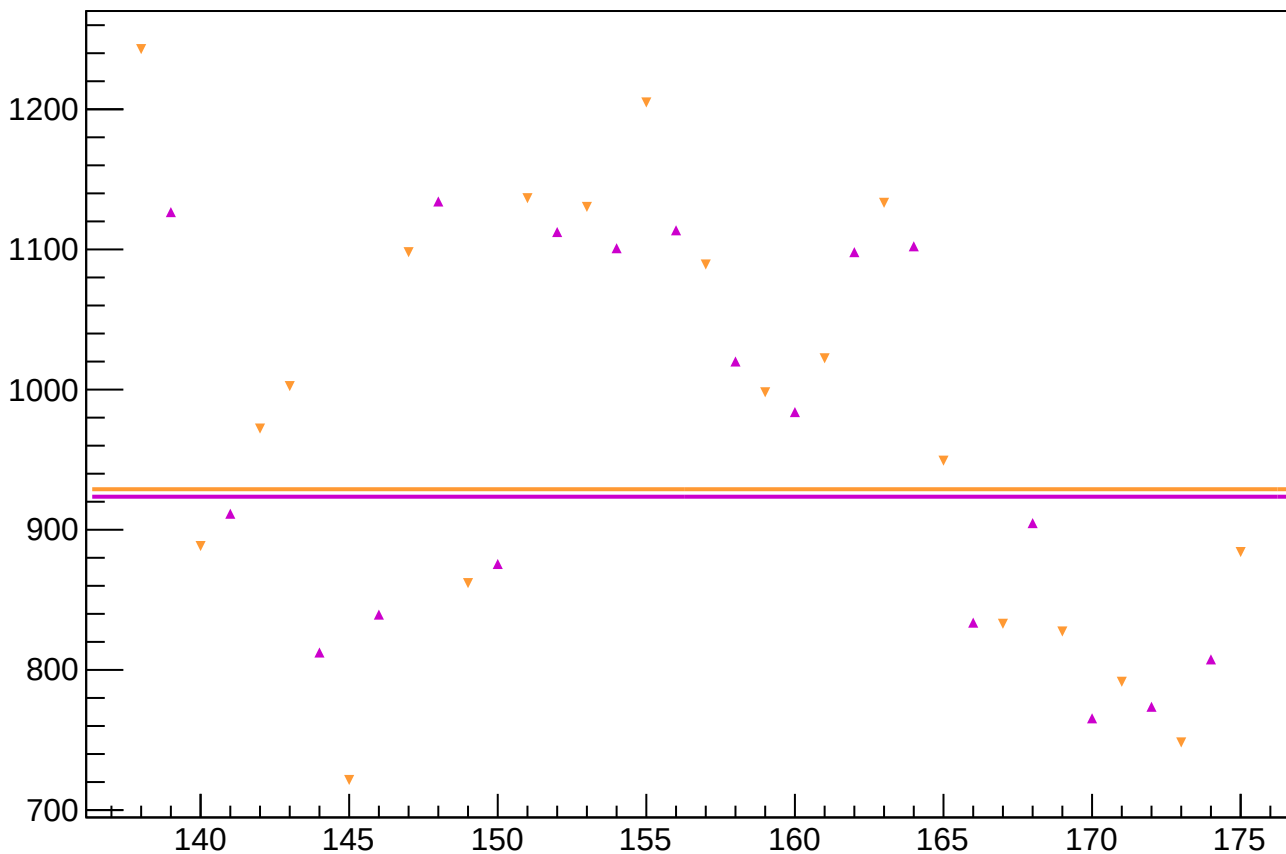
Left In: -84.590 $\pm$ 248.341 χ^2 /NDF:22.1/17

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

All: 688.645 $\pm$ 173.640 χ^2 /NDF: 82.1/37

- sign 0.000 $\pm$ 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: 928.920+/-0.172 χ^2/NDF : 753312.5/19

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

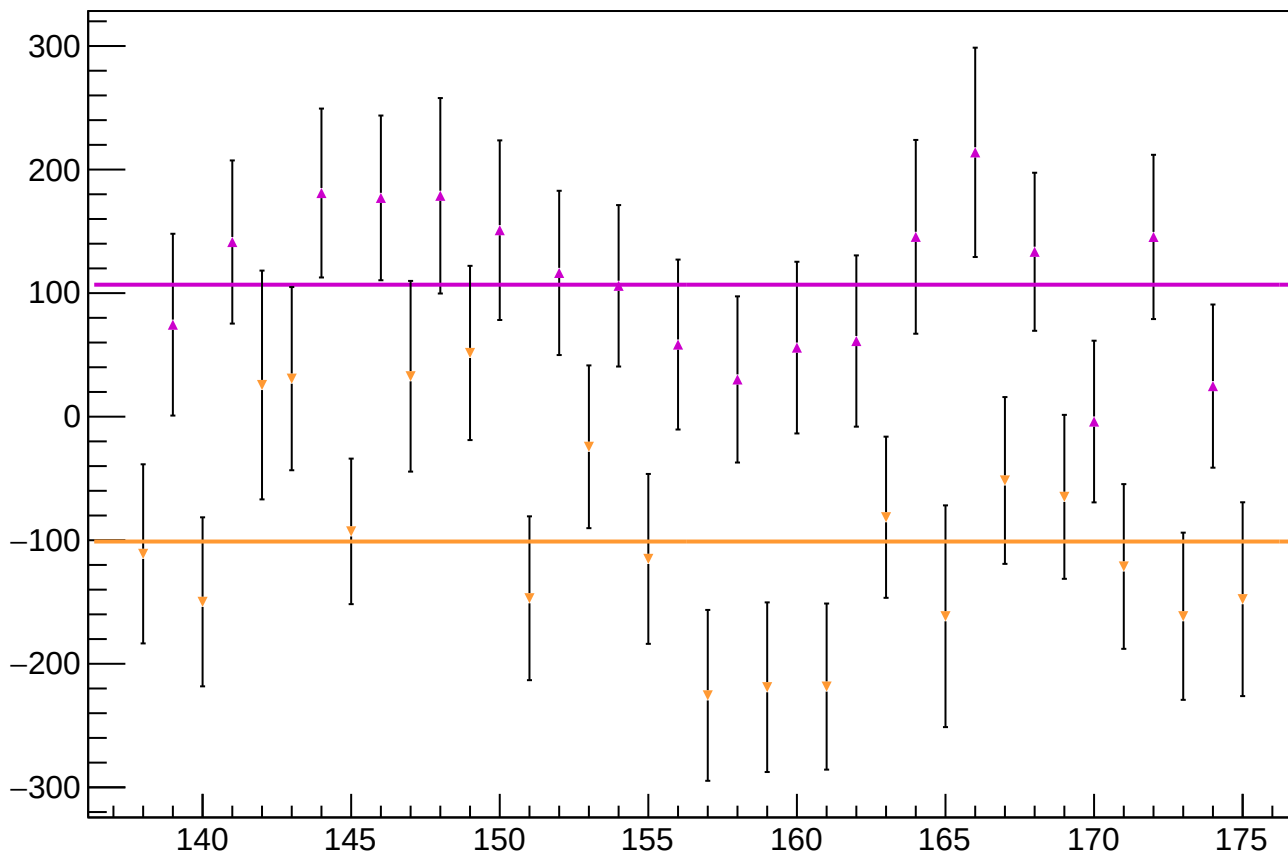
Left In: 923.582+/-0.176 χ^2/NDF : 558687.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 926.310+/-0.123 χ^2/NDF : 1312472.8/37

- 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: -101.050 $\pm$ 15.648 χ^2 /NDF:27.0/19

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

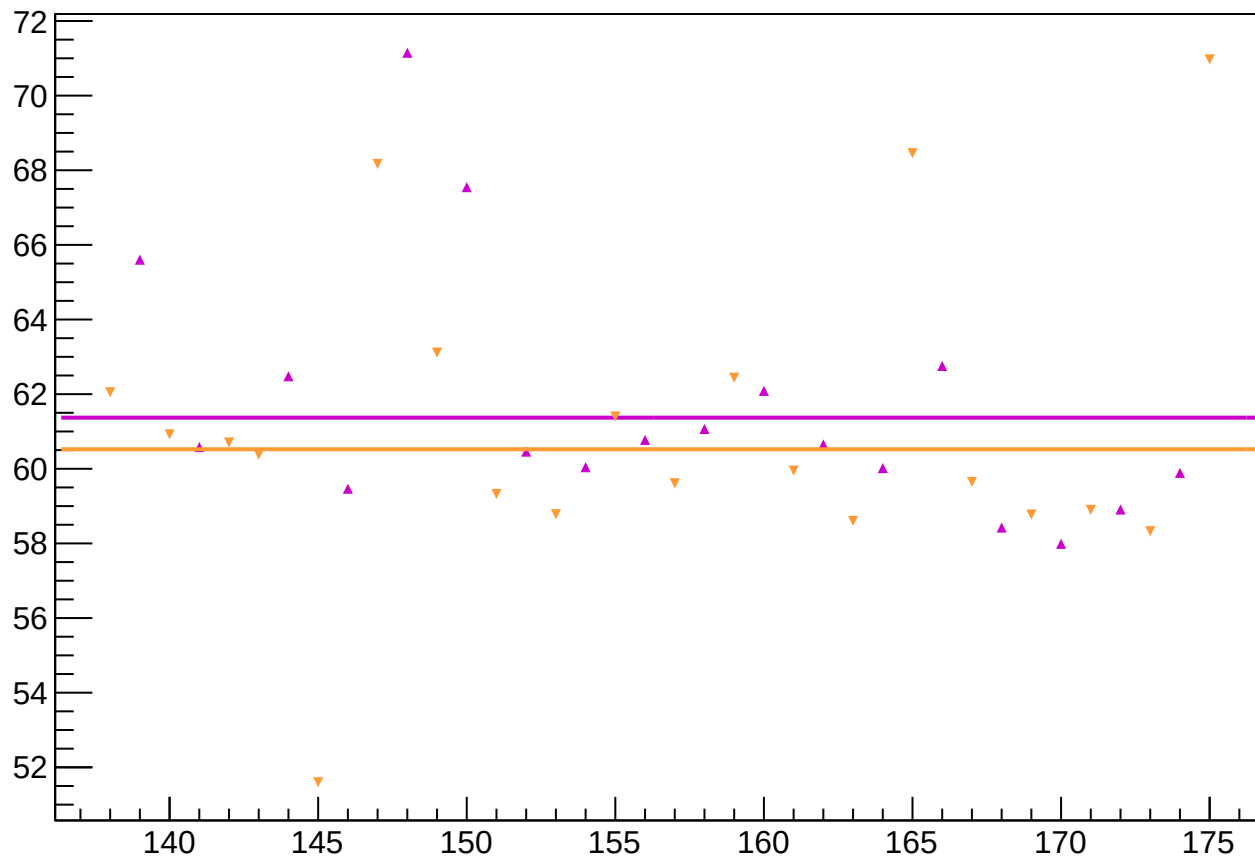
Left In: 106.817 $\pm$ 16.338 χ^2 /NDF:13.5/17

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

All: -1.597 $\pm$ 11.301 χ^2 /NDF: 124.9/37

- 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: 60.524+/-0.011 χ^2/NDF :131530.3/19

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

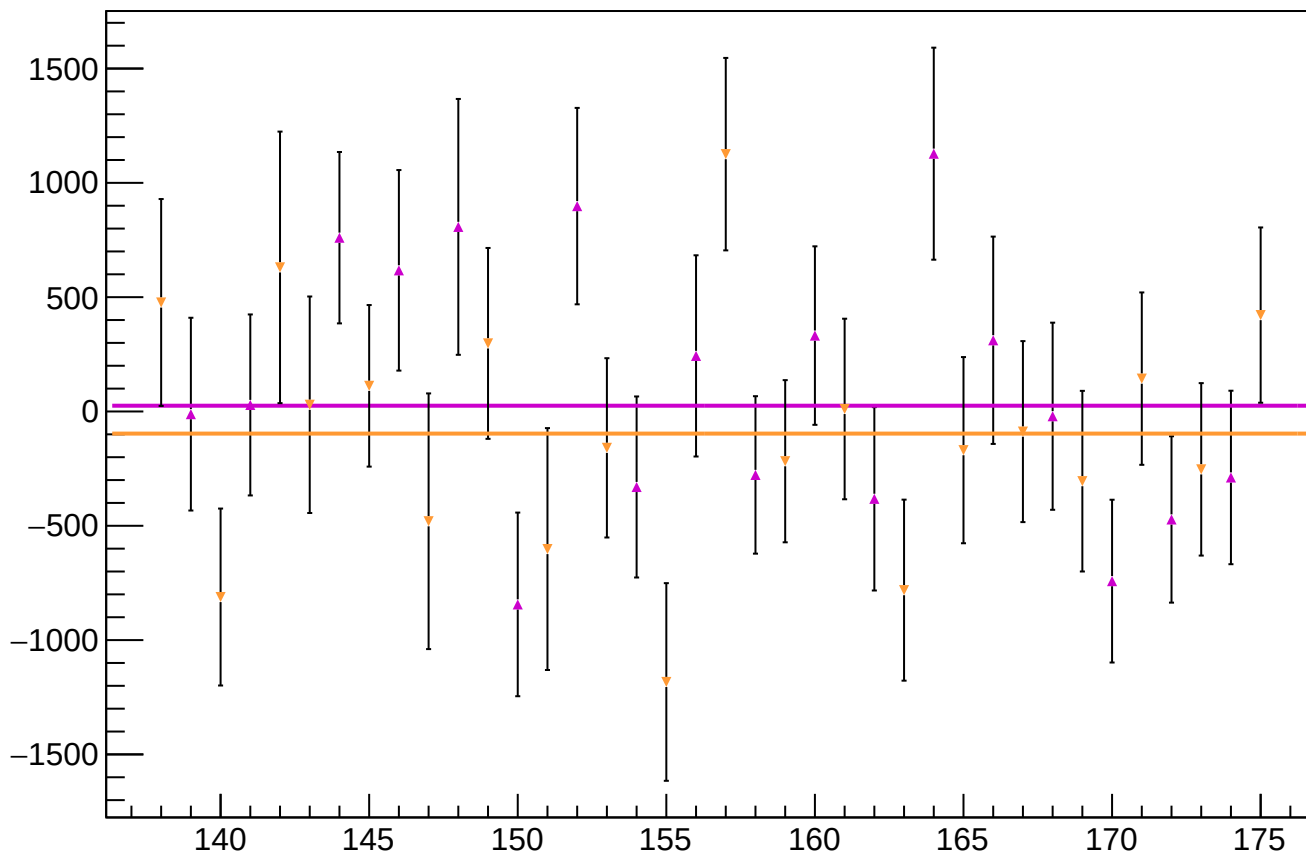
Left In: 61.370+/-0.012 χ^2/NDF :70347.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.929+/-0.008 χ^2/NDF : 204677.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -96.752 $\pm$ 92.331 χ^2 /NDF: 29.9/19

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

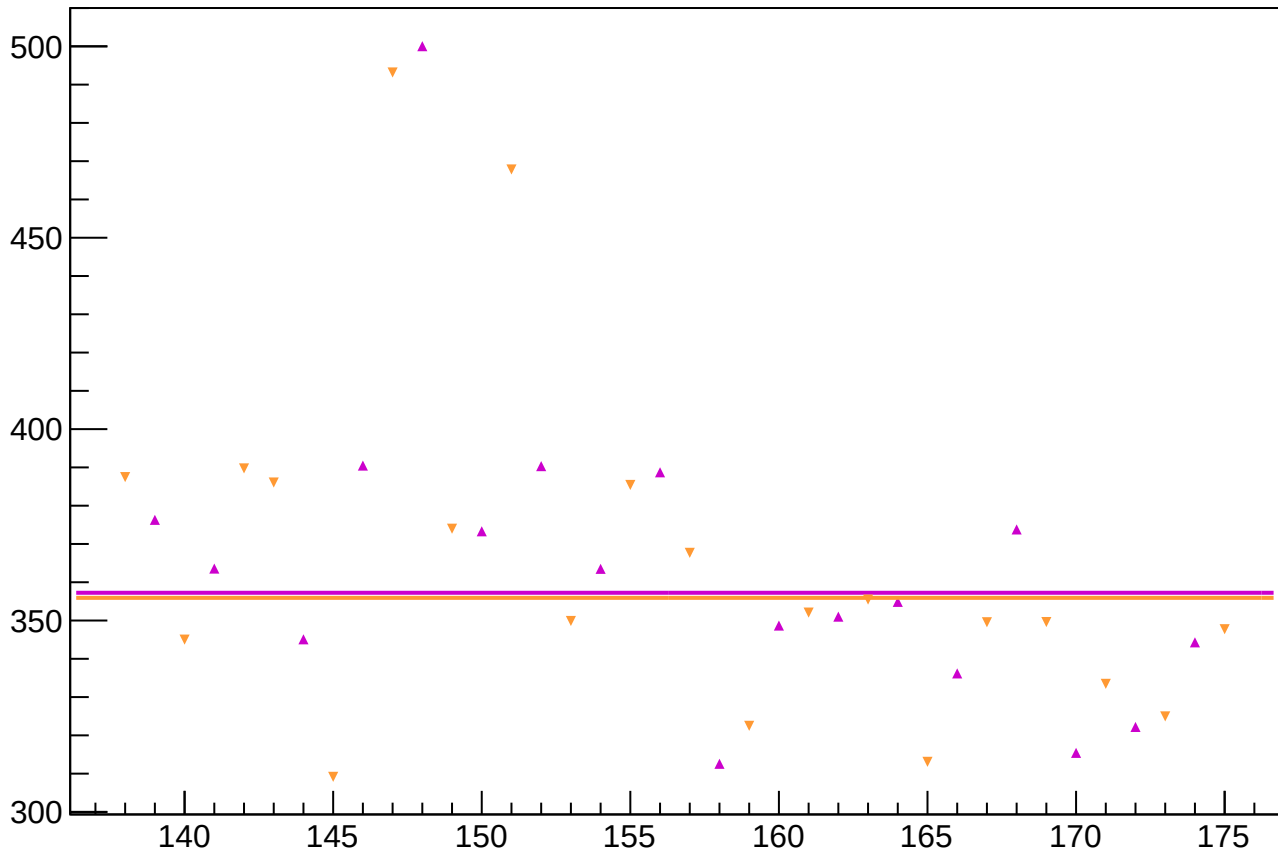
Left In: 25.223 $\pm$ 95.449 χ^2 /NDF: 33.2/17

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

All: -37.789 $\pm$ 66.363 χ^2 /NDF: 63.9/37

- sign 0.000 $\pm$ 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: 355.923+/-0.065 χ^2/NDF : 348610.7/19

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

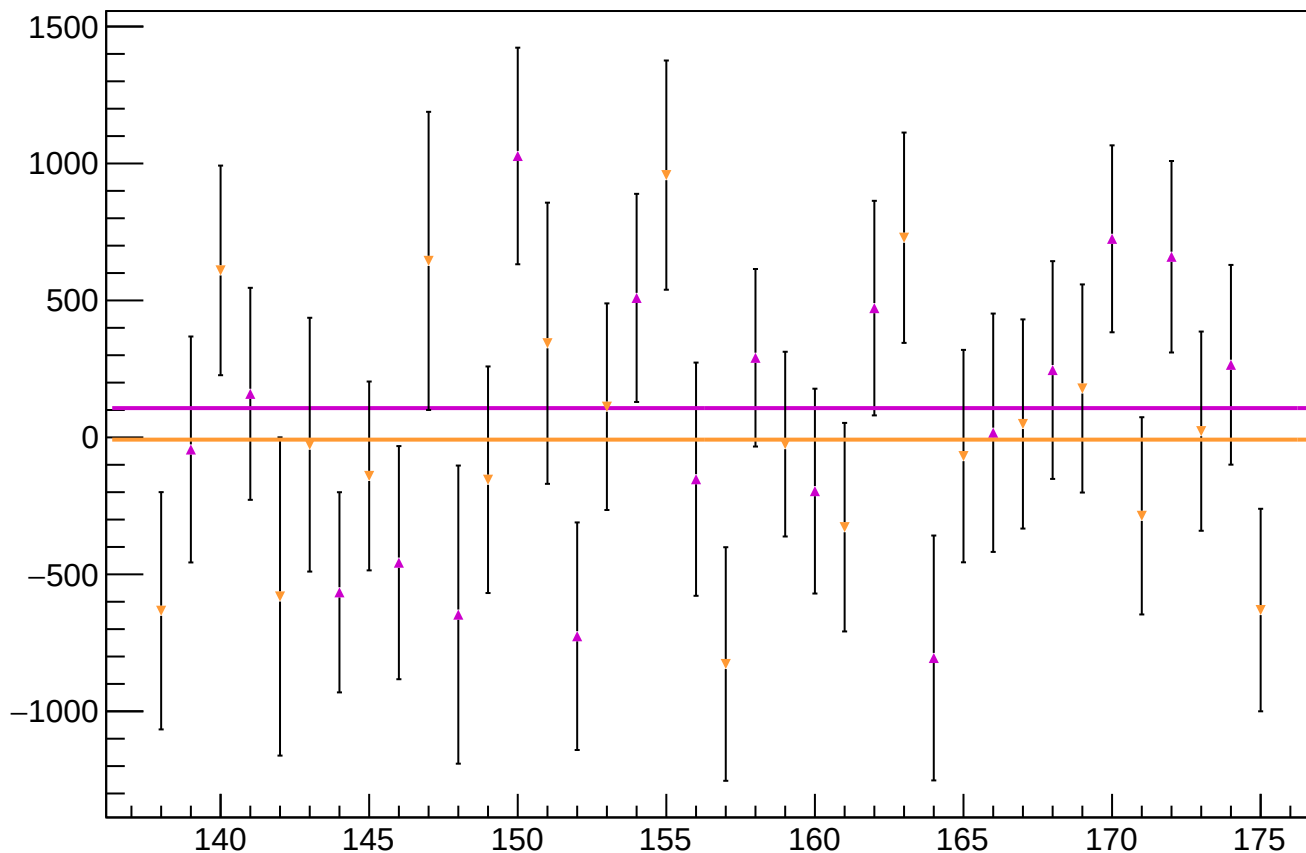
Left In: 357.250+/-0.067 χ^2/NDF : 265416.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.564+/-0.047 χ^2/NDF : 614226.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: -8.159 $\pm$ 89.455 χ^2 /NDF:25.1/19

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

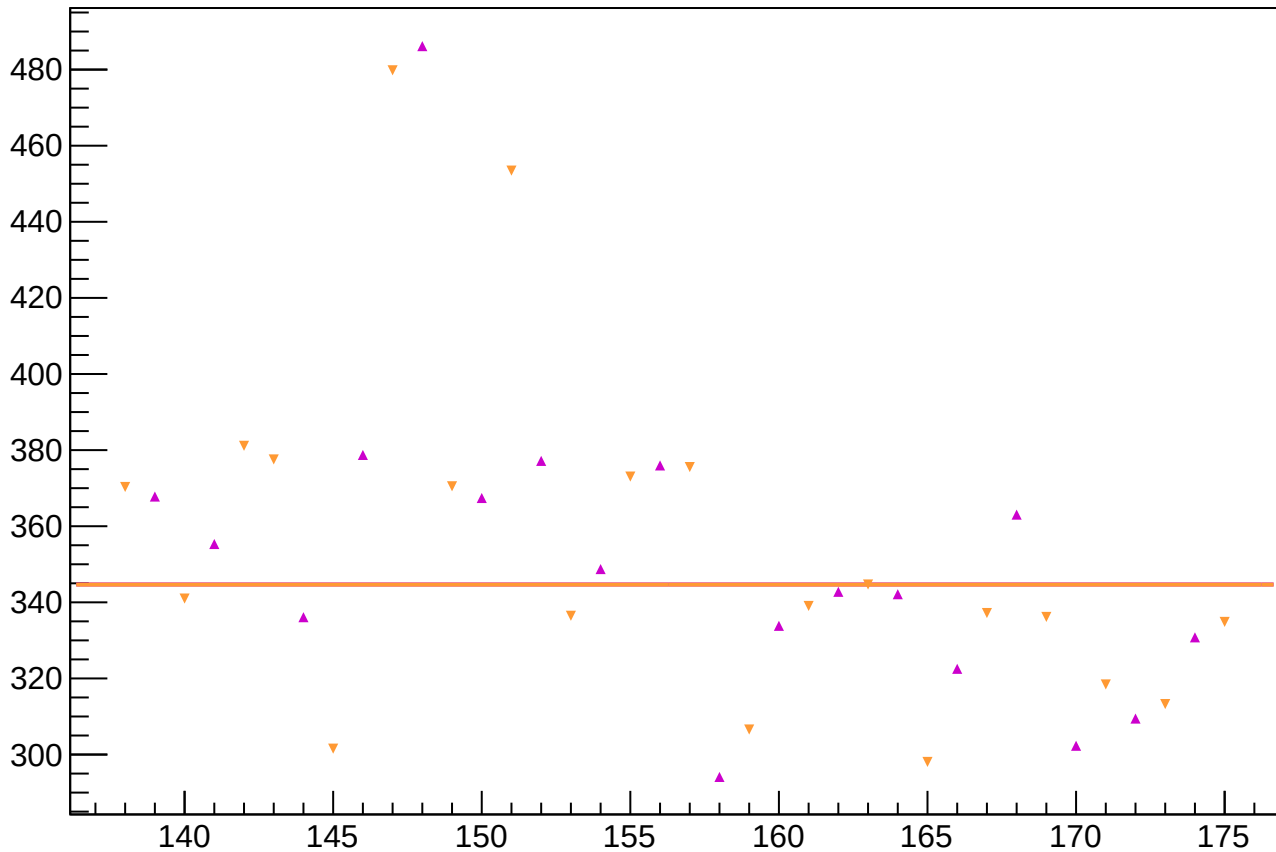
Left In: 106.929 $\pm$ 92.181 χ^2 /NDF:30.3/17

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

All: 47.658 $\pm$ 64.196 χ^2 /NDF: 56.2/37

- sign 0.000 $\pm$ 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: 344.660+/-0.063 χ^2/NDF : 381609.3/19

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

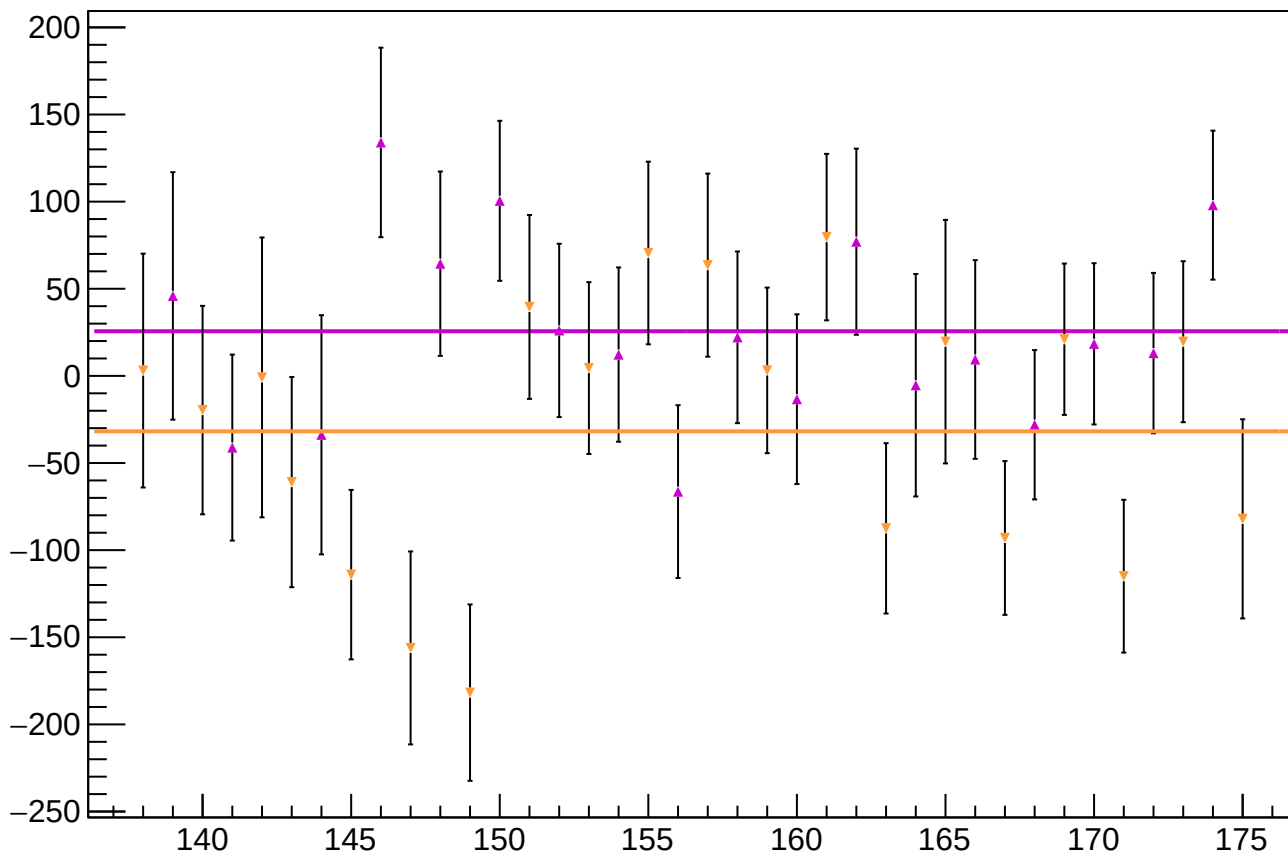
Left In: 344.694+/-0.065 χ^2/NDF : 300756.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.676+/-0.045 χ^2/NDF : 682366.0/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -31.810 $\pm$ 11.615 χ^2 /NDF:43.7/19

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

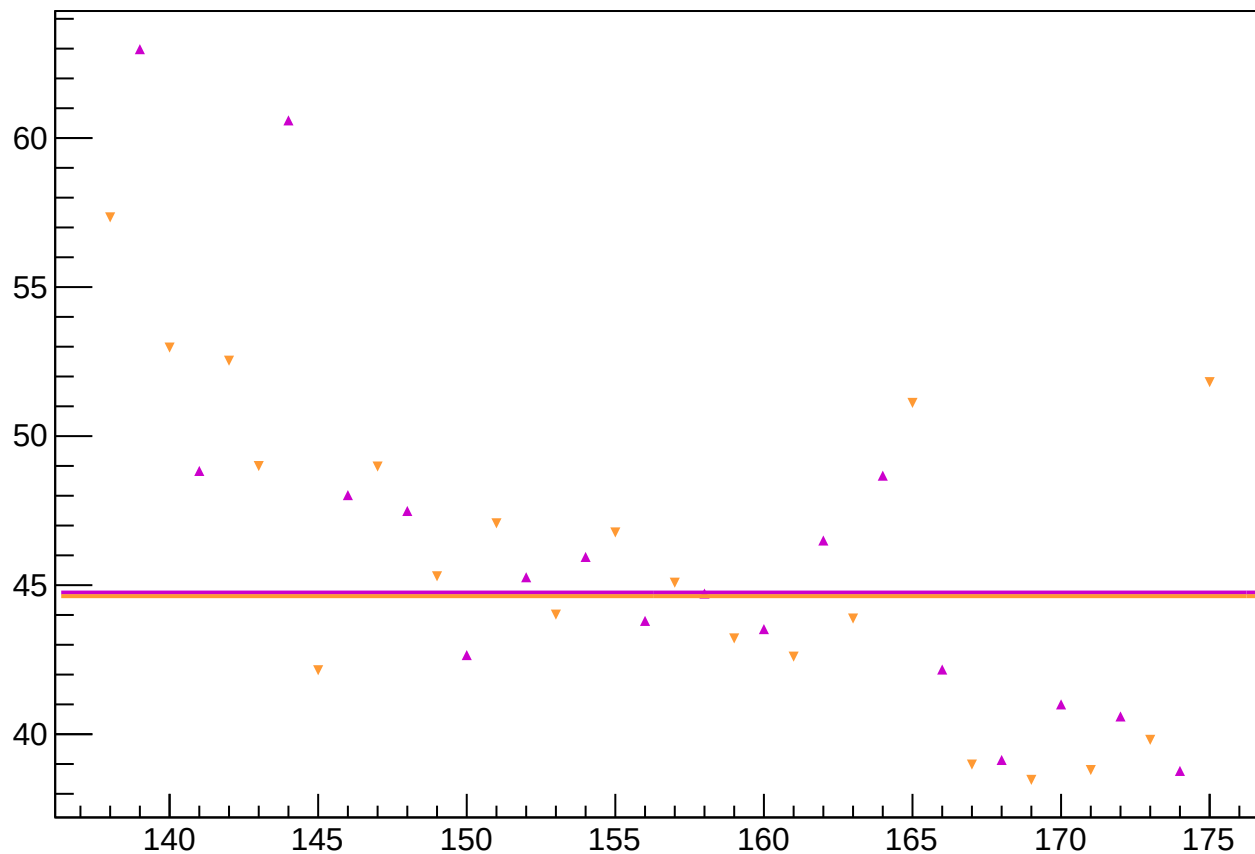
Left In: 25.626 $\pm$ 12.029 χ^2 /NDF:19.5/17

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

All: -4.096 $\pm$ 8.356 χ^2 /NDF: 75.0/37

- sign 0.000 $\pm$ 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: 44.631+/-0.008 χ^2/NDF : 351348.8/19

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

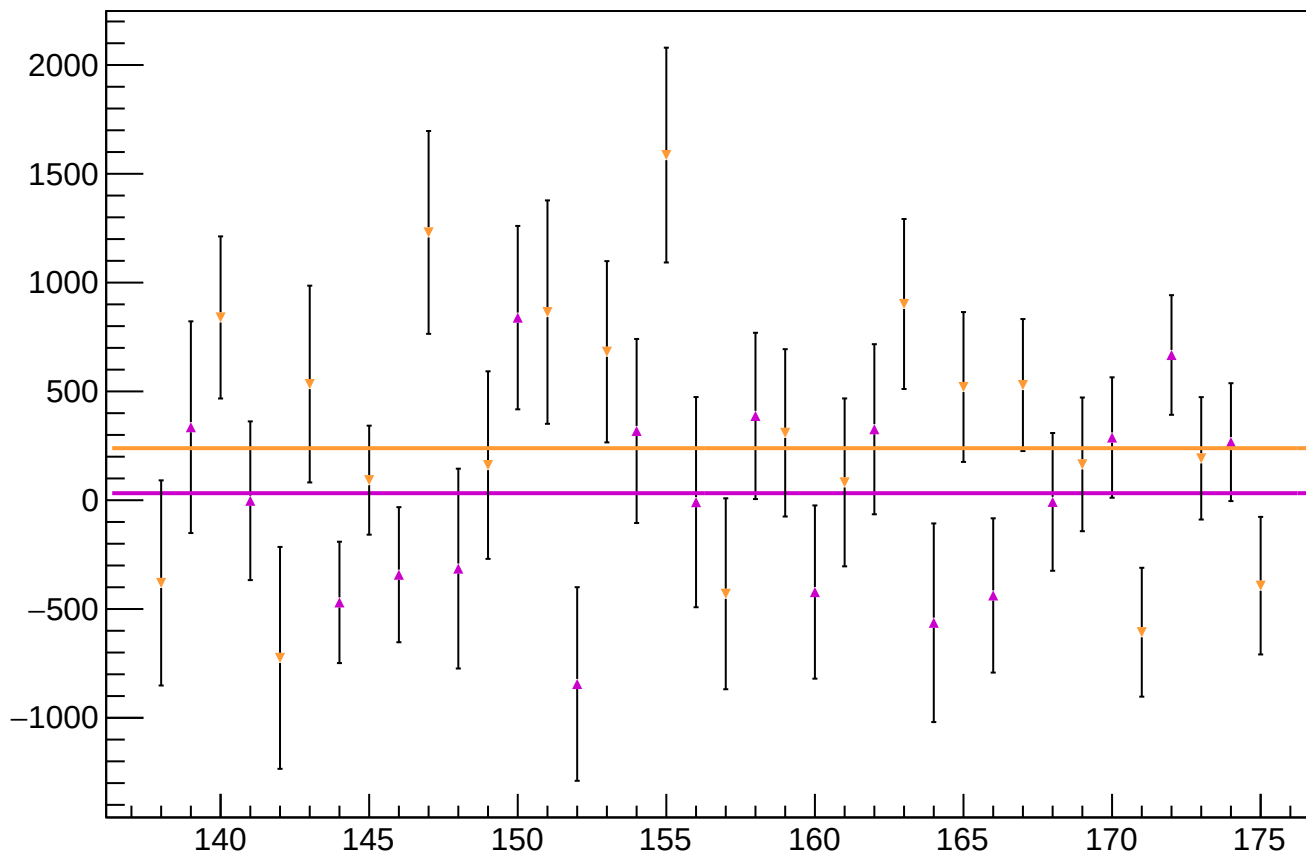
Left In: 44.752+/-0.009 χ^2/NDF : 386947.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.689+/-0.006 χ^2/NDF : 738401.2/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug



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

Left Out: 239.119 $\pm$ 81.861 χ^2 /NDF:42.5/19

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

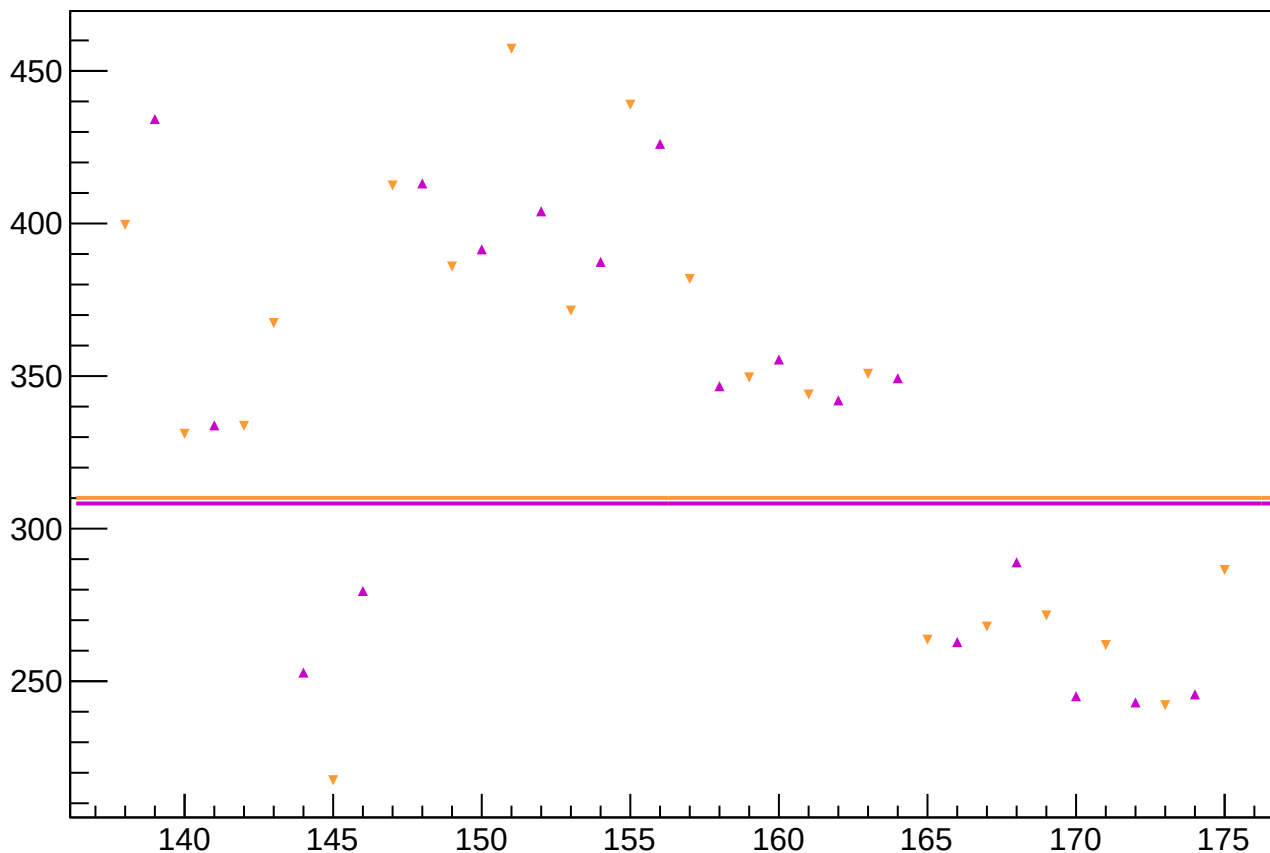
Left In: 32.317 $\pm$ 83.724 χ^2 /NDF:26.8/17

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

All: 138.045 $\pm$ 58.532 χ^2 /NDF: 72.5/37

- sign 0.000 $\pm$ 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: 310.077+/-0.058 χ^2/NDF :1289461.1/19

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

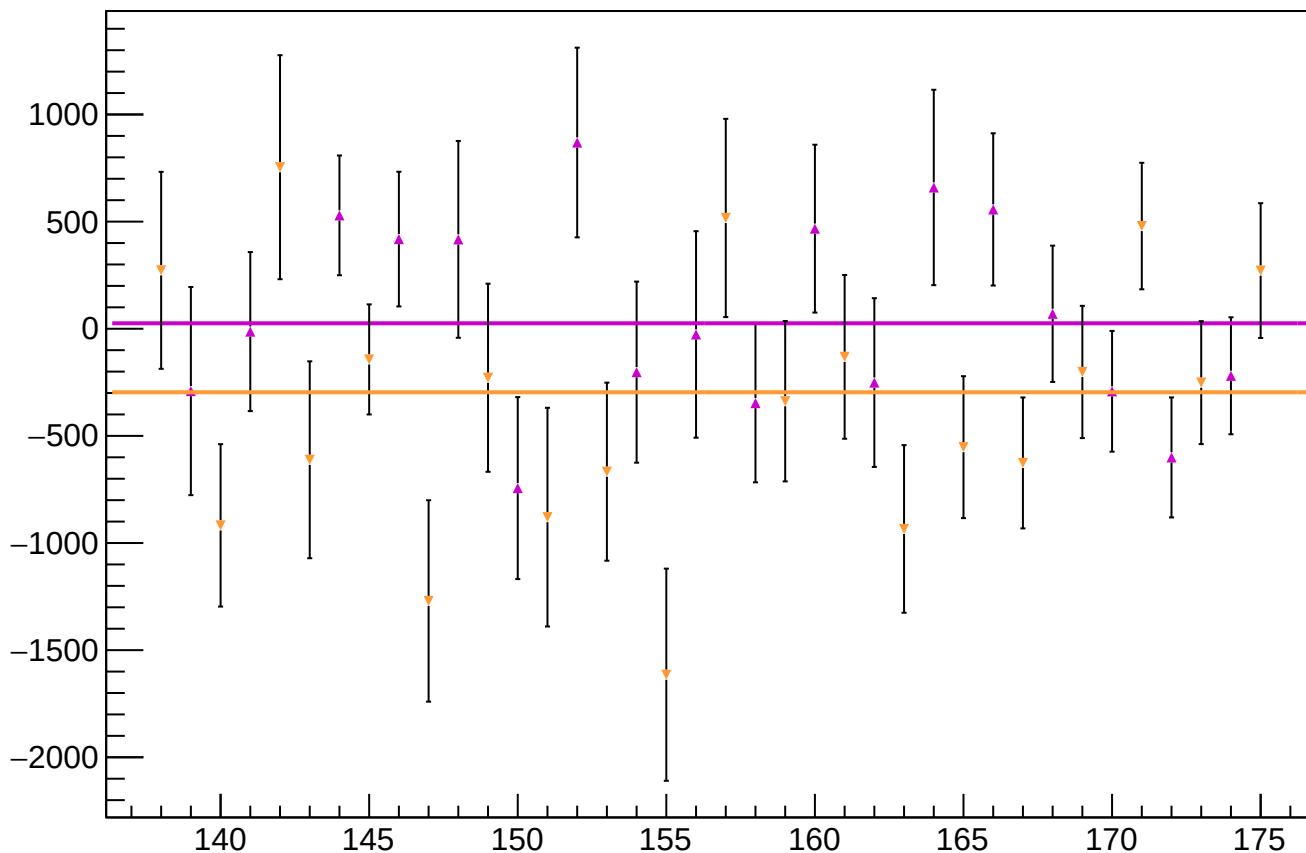
Left In: 308.245+/-0.059 χ^2/NDF :1147476.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.181+/-0.041 χ^2/NDF : 2437426.8/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -296.408 $\pm$ 82.218 χ^2 /NDF:40.6/19

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

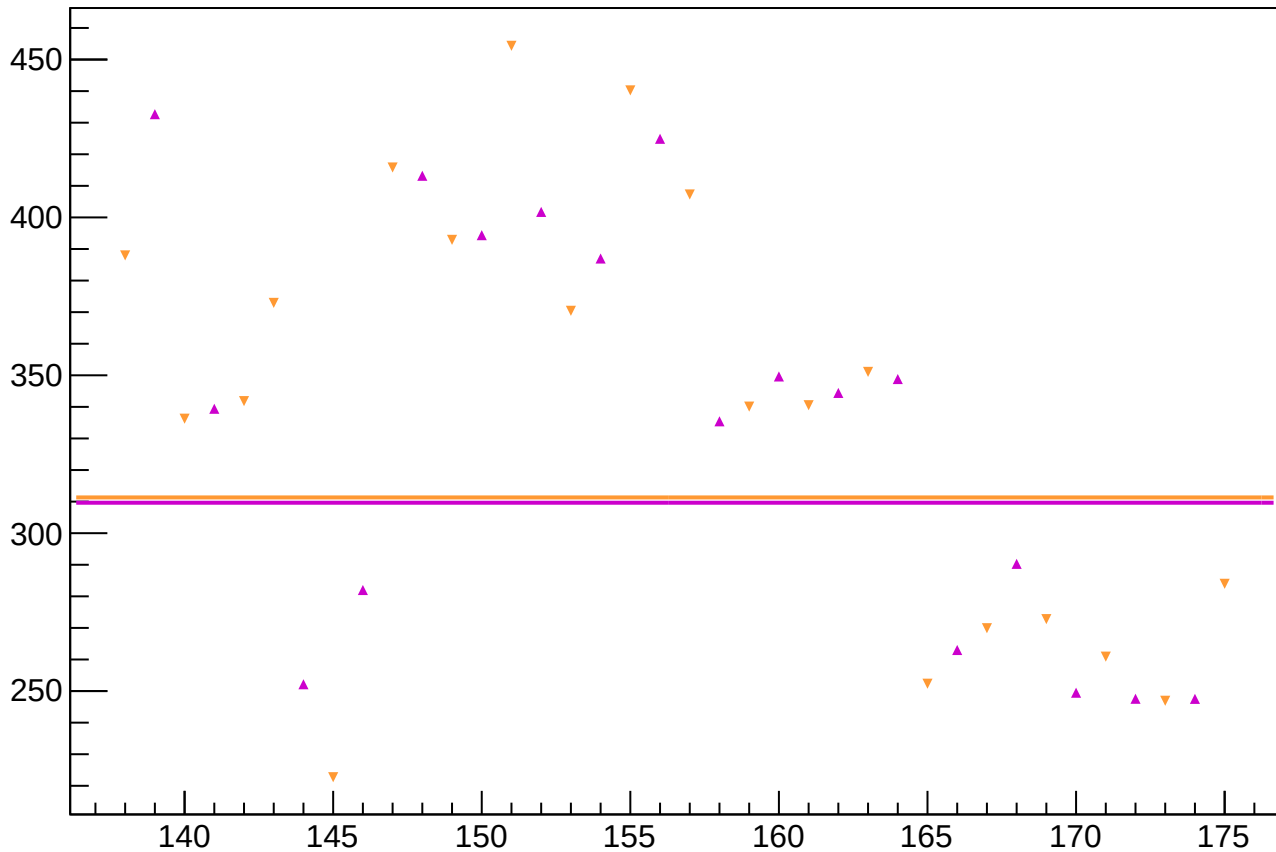
Left In: 25.504 $\pm$ 84.098 χ^2 /NDF:27.2/17

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

All: -139.091 $\pm$ 58.790 χ^2 /NDF: 75.3/37

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

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 311.326+/-0.058 χ^2/NDF :1281890.3/19

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

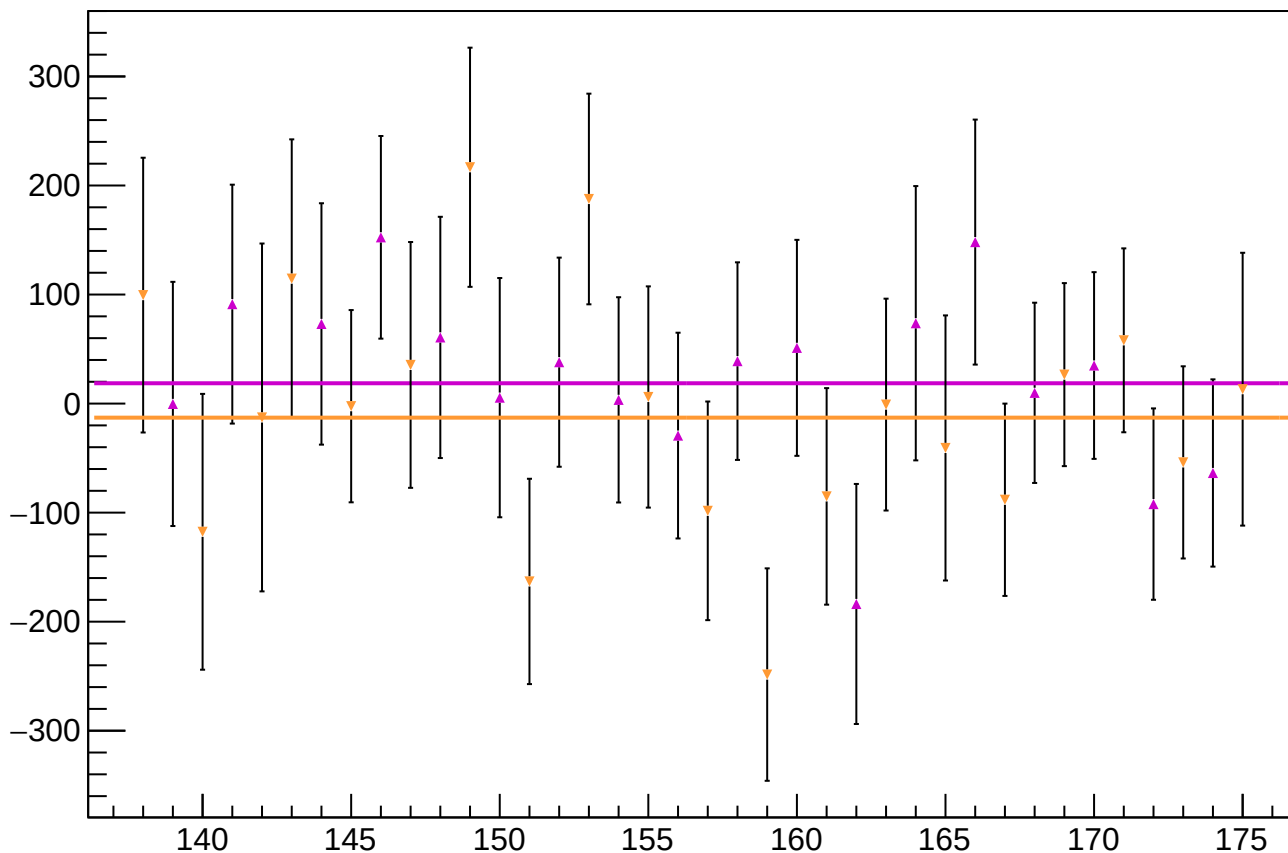
Left In: 309.647+/-0.059 χ^2/NDF :1086453.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.505+/-0.042 χ^2/NDF : 2368751.2/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



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

Left Out: -12.897 $\pm$ 22.836 χ^2 /NDF:23.0/19

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

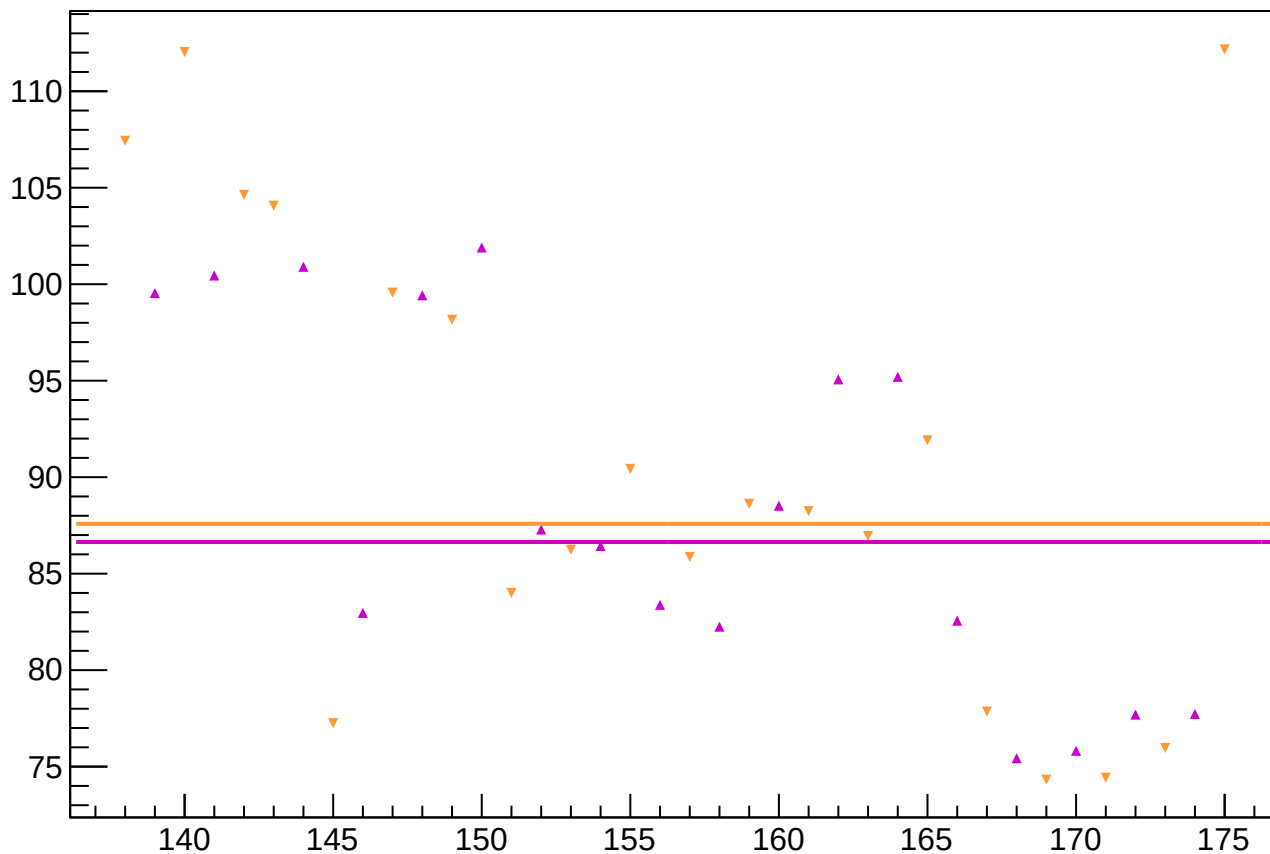
Left In: 18.643 $\pm$ 23.209 χ^2 /NDF:10.9/17

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

All: 2.617 $\pm$ 16.278 χ^2 /NDF: 34.9/37

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

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 87.584+/-0.016 χ^2/NDF : 492543.3/19

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

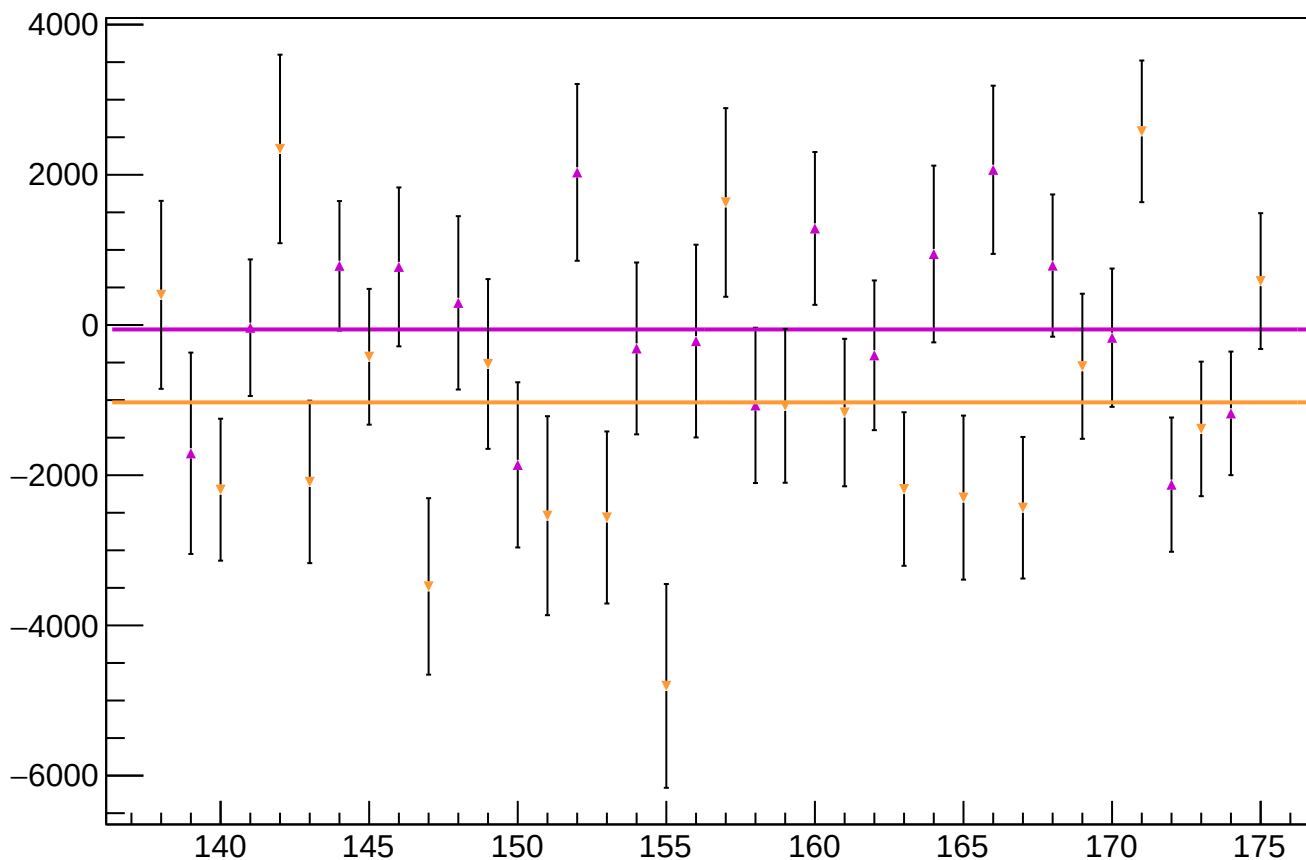
Left In: 86.640+/-0.016 χ^2/NDF : 302678.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.119+/-0.012 χ^2/NDF : 796903.4/37

- 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: -1030.118+/-235.282 χ^2/NDF :54.4/19

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

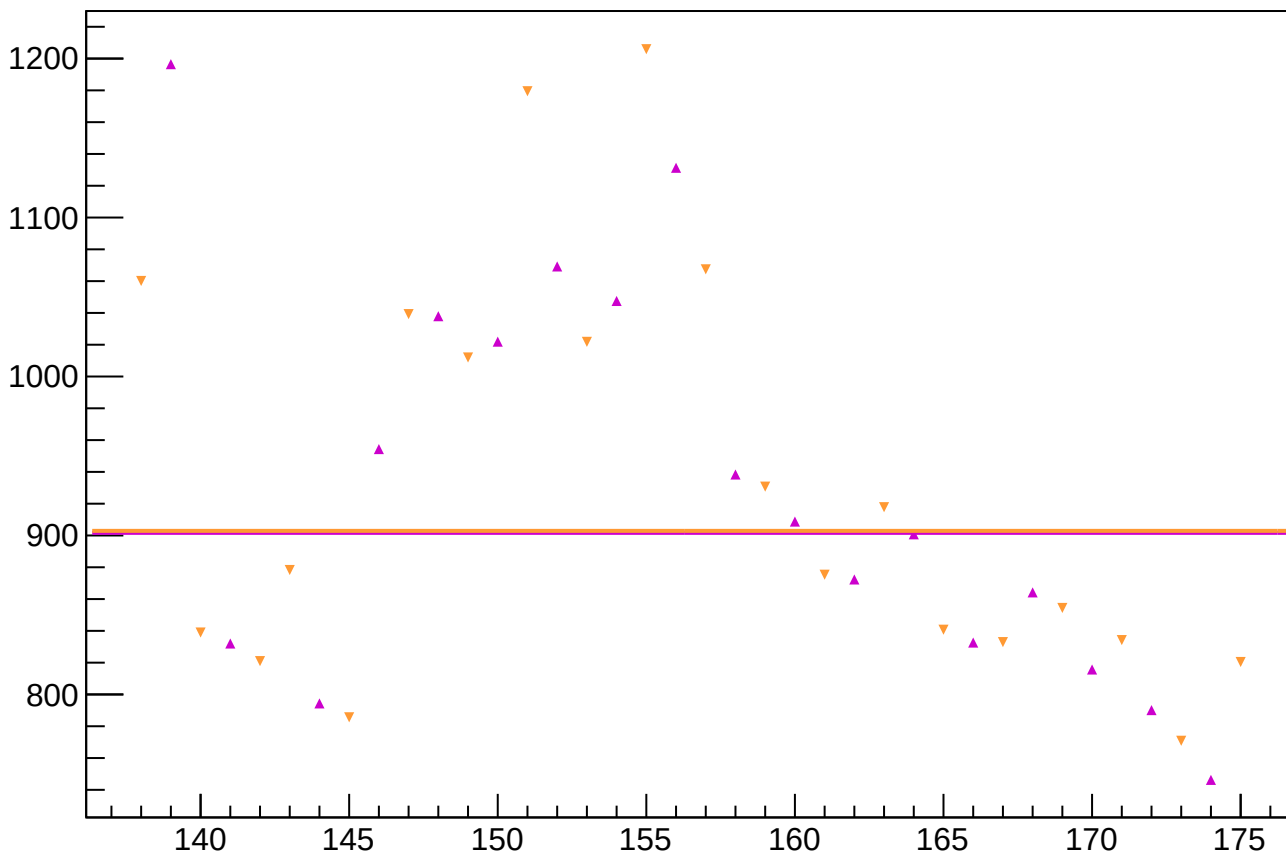
Left In: -59.067+/-241.641 χ^2/NDF :24.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -557.539+/-168.573 χ^2/NDF : 87.0/37

- 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: 902.907+/-0.166 χ^2/NDF : 469044.3/19

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

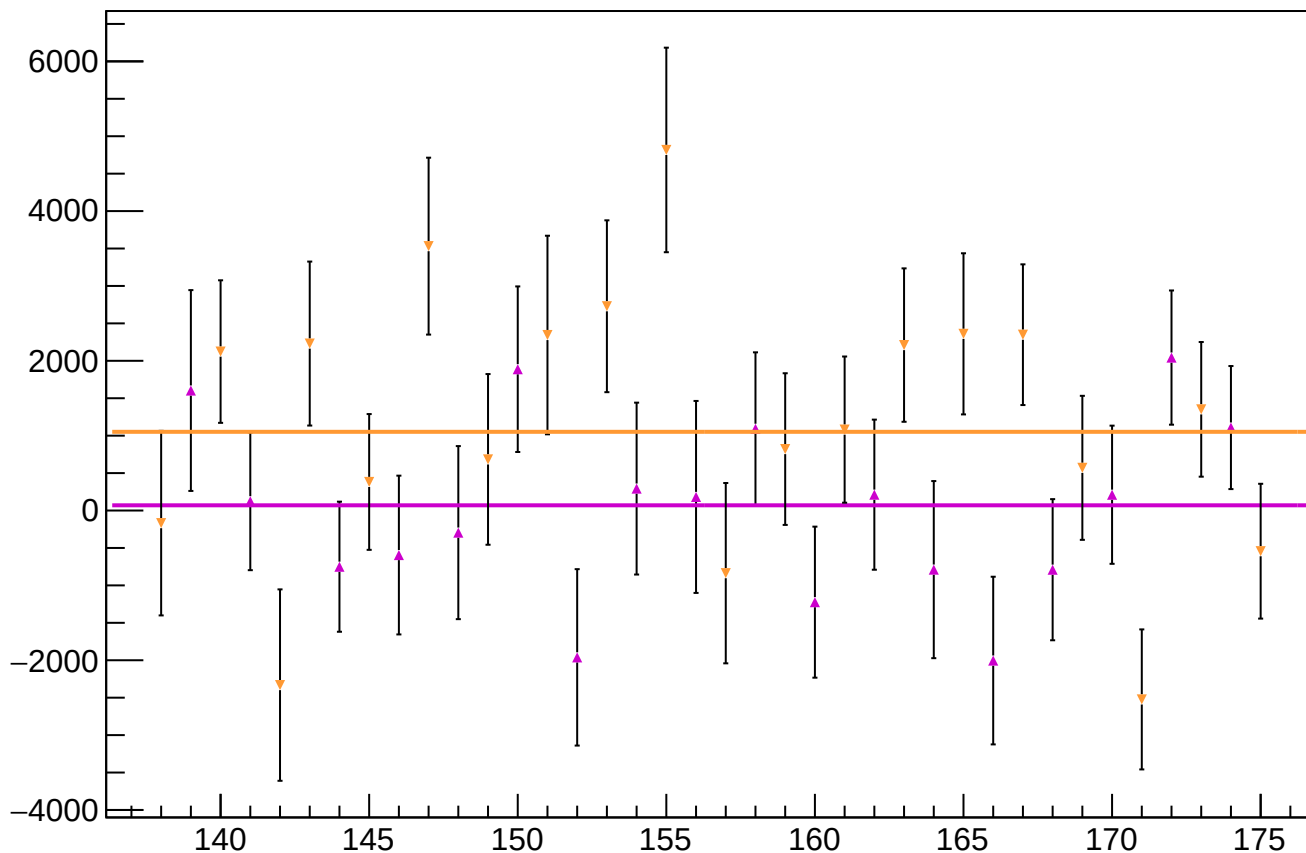
Left In: 901.655+/-0.171 χ^2/NDF : 468309.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.297+/-0.119 χ^2/NDF : 937380.9/37

- 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: 1051.513+/-234.887 χ^2/NDF : 51.4/19

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

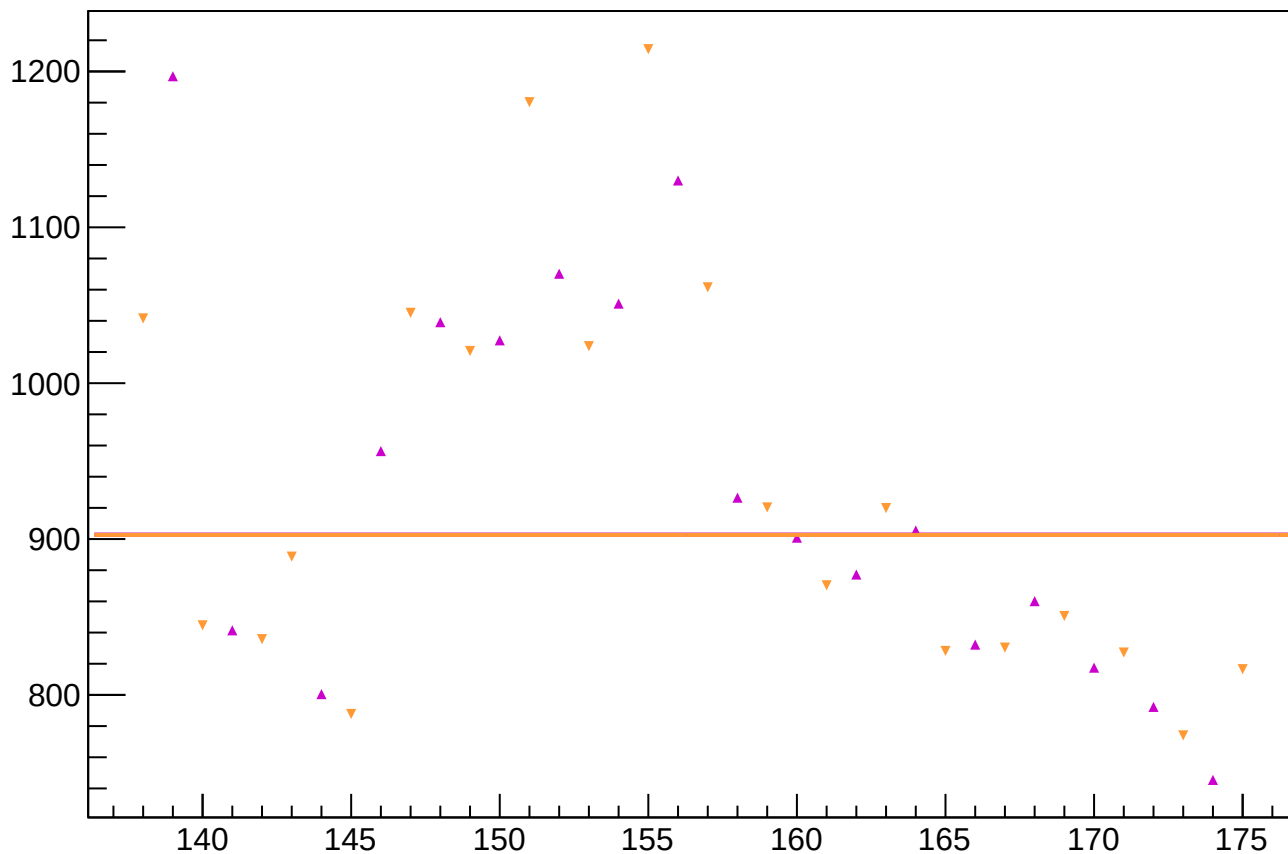
Left In: 69.752+/-241.996 χ^2/NDF : 22.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.265+/-168.547 χ^2/NDF : 82.2/37

- 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: 902.665+/-0.166 χ^2/NDF : 472775.7/19

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

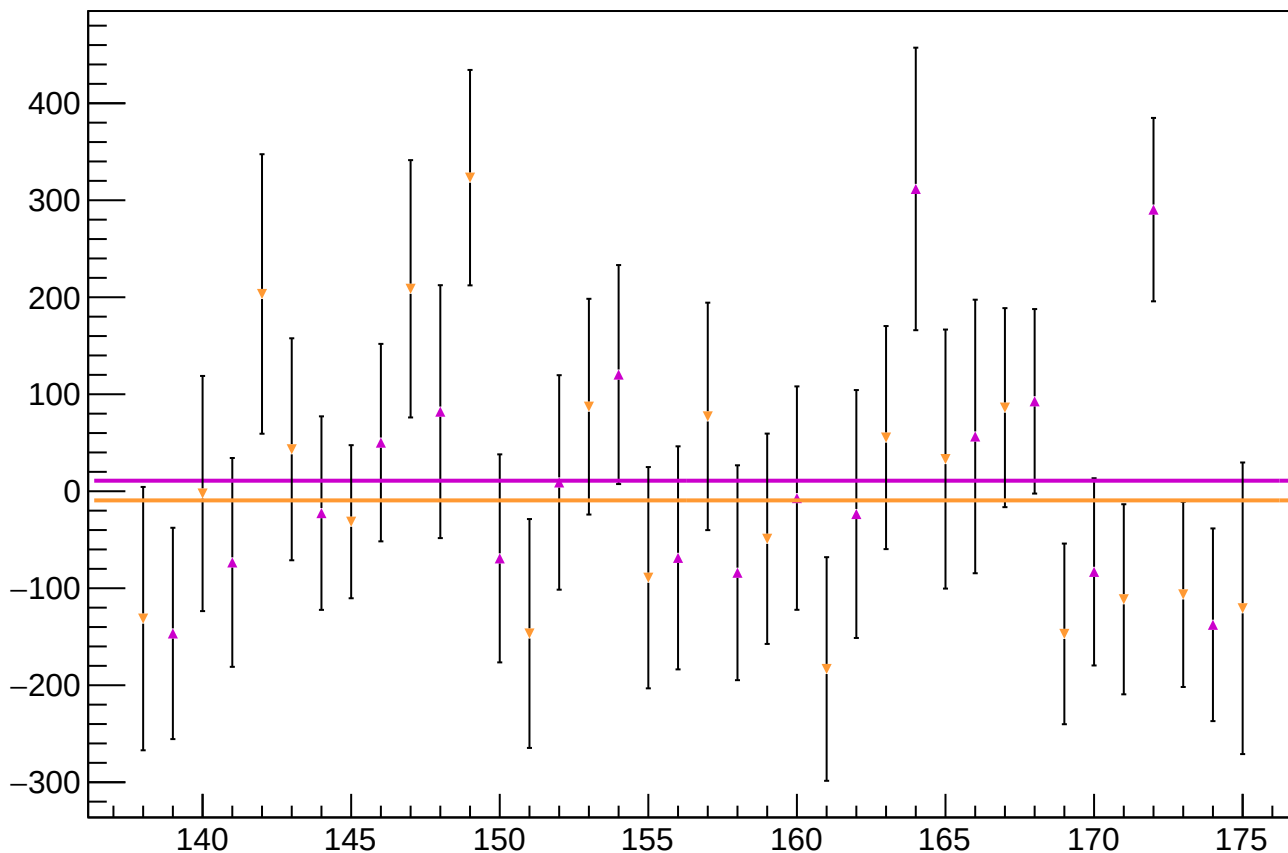
Left In: 902.869+/-0.171 χ^2/NDF : 462867.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.764+/-0.119 χ^2/NDF : 935644.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: -9.428 $\pm$ 24.937 χ^2 /NDF: 26.6/19

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

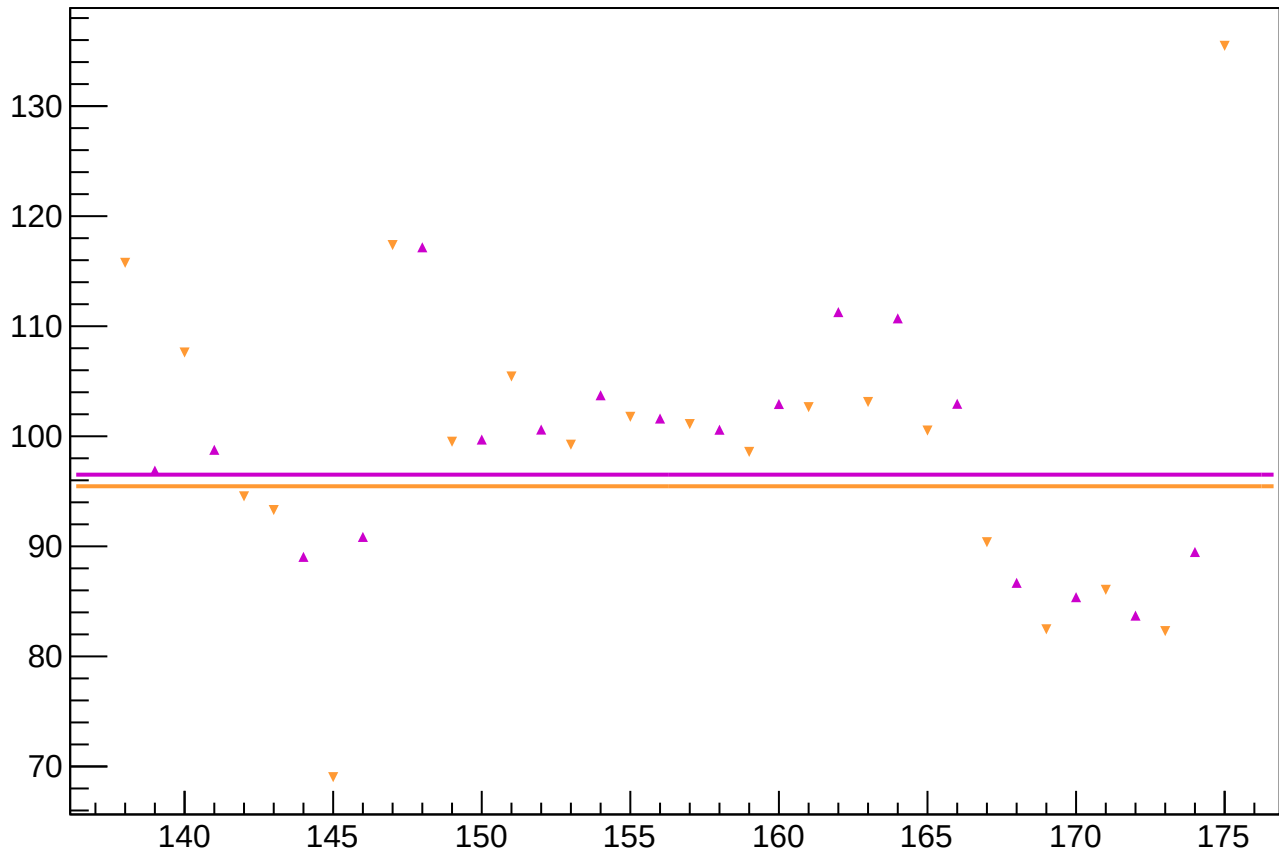
Left In: 10.872 $\pm$ 25.855 χ^2 /NDF: 23.1/17

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

All: 0.355 $\pm$ 17.949 χ^2 /NDF: 50.1/37

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

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 95.459+/-0.018 χ^2/NDF : 637870.7/19

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

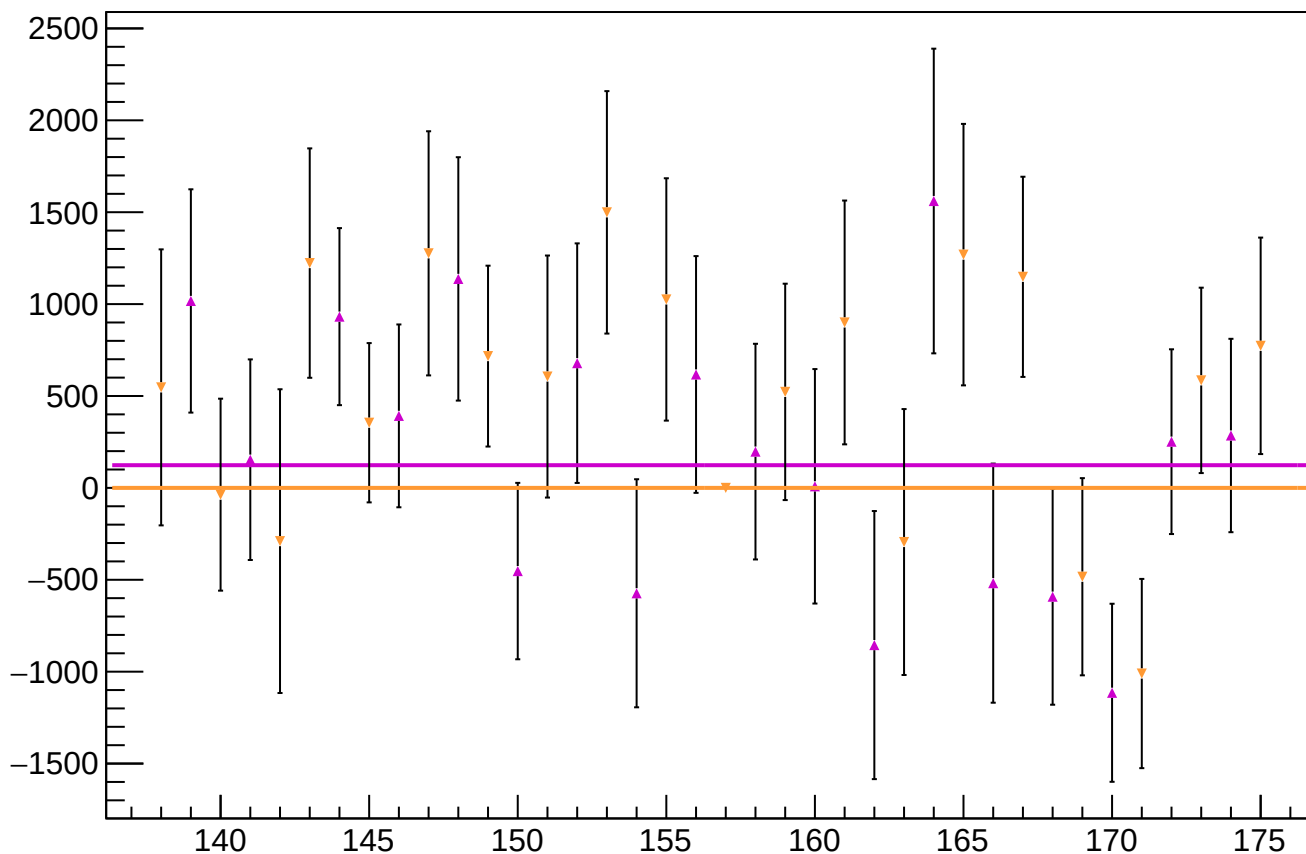
Left In: 96.513+/-0.018 χ^2/NDF : 238634.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.967+/-0.013 χ^2/NDF : 878229.0/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 37.6/19

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

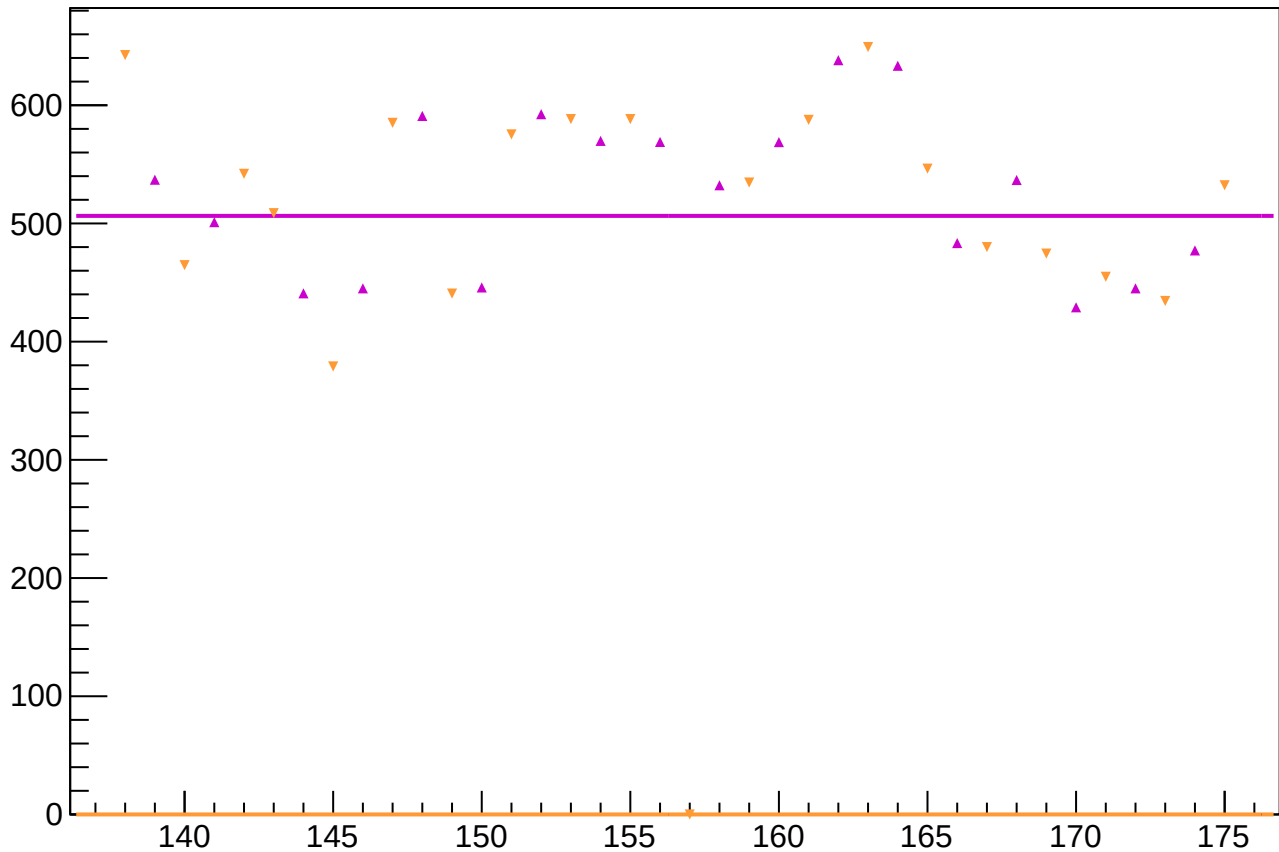
Left In: 123.462 $\pm$ 135.840 χ^2 /NDF: 25.6/17

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 64.0/37

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

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF :28439629.5/19

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

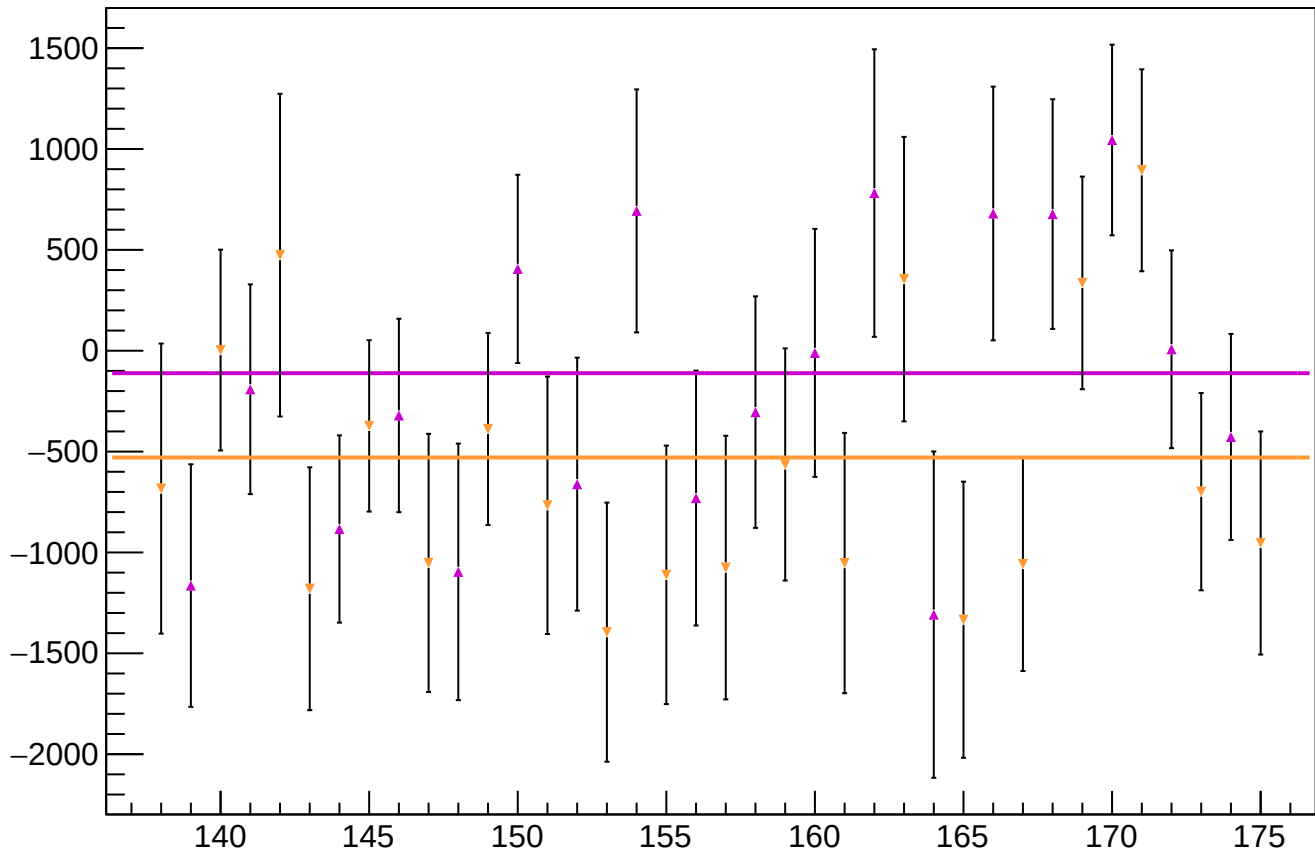
Left In: 506.397+/-0.096 χ^2/NDF :441676.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 56675757.5/37

- 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: -529.357+/-128.556 χ^2/NDF : 24.4/19

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

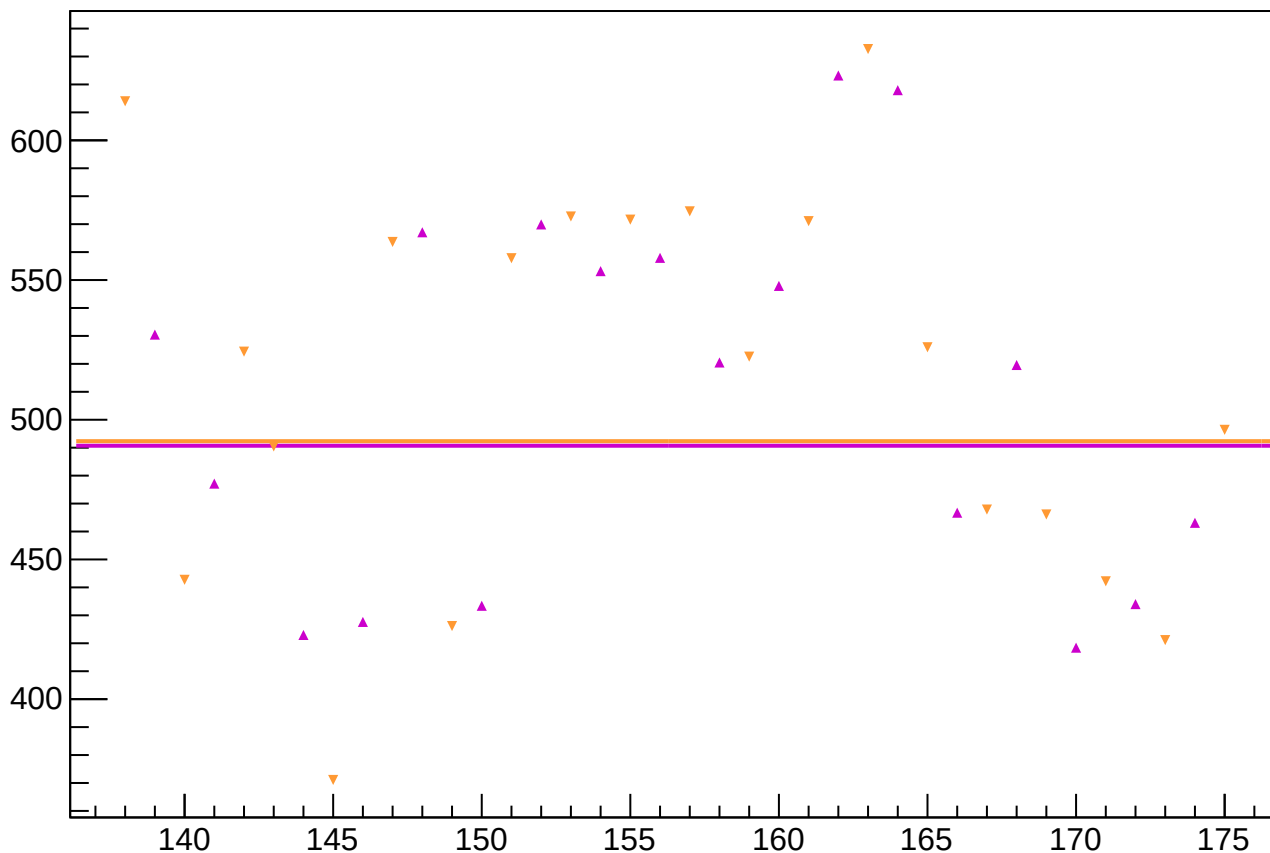
Left In: -111.233+/-131.765 χ^2/NDF : 27.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.447+/-92.016 χ^2/NDF : 56.6/37

- 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: 492.336+/-0.091 χ^2/NDF : 612600.2/19

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

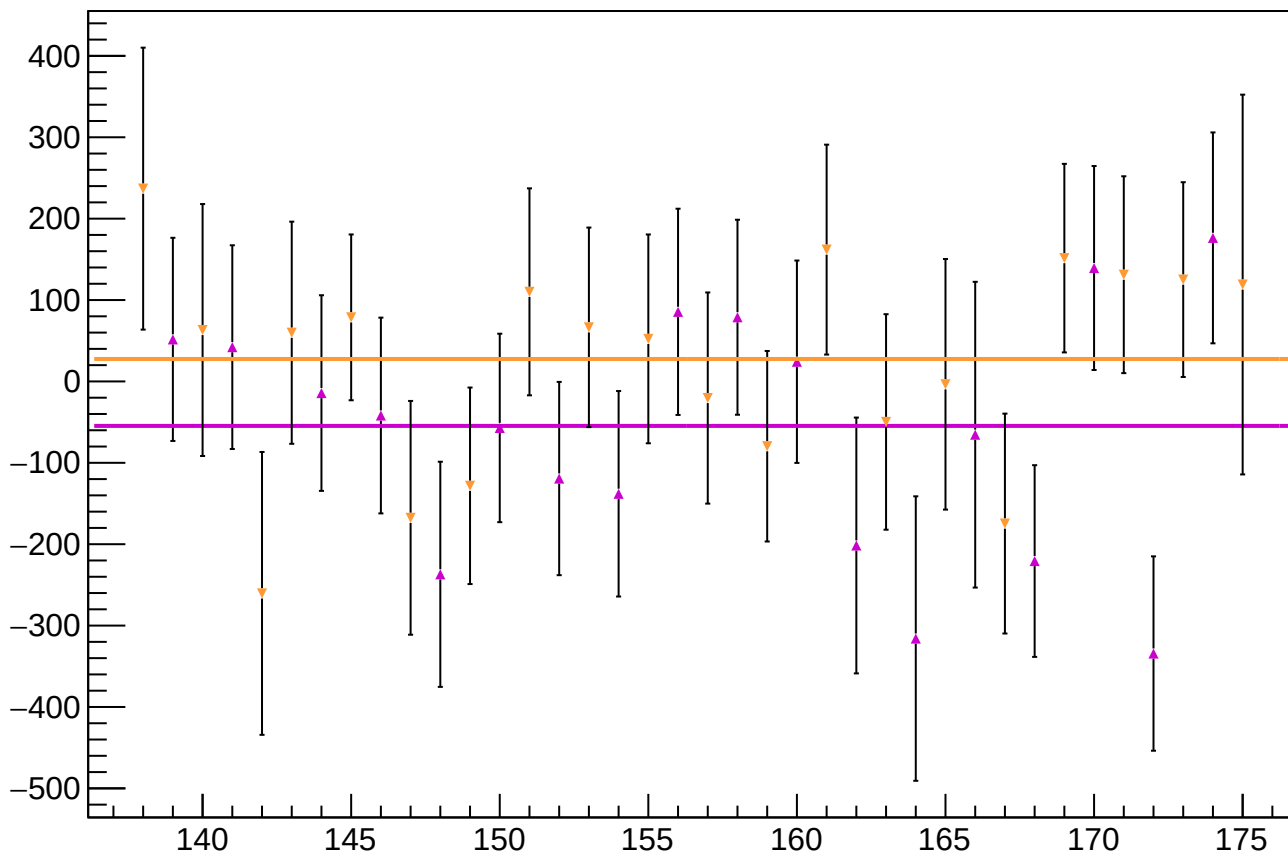
Left In: 490.702+/-0.093 χ^2/NDF : 451161.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.539+/-0.065 χ^2/NDF : 1063919.6/37

- 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: 27.600+/-29.589 χ^2/NDF :16.0/19

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

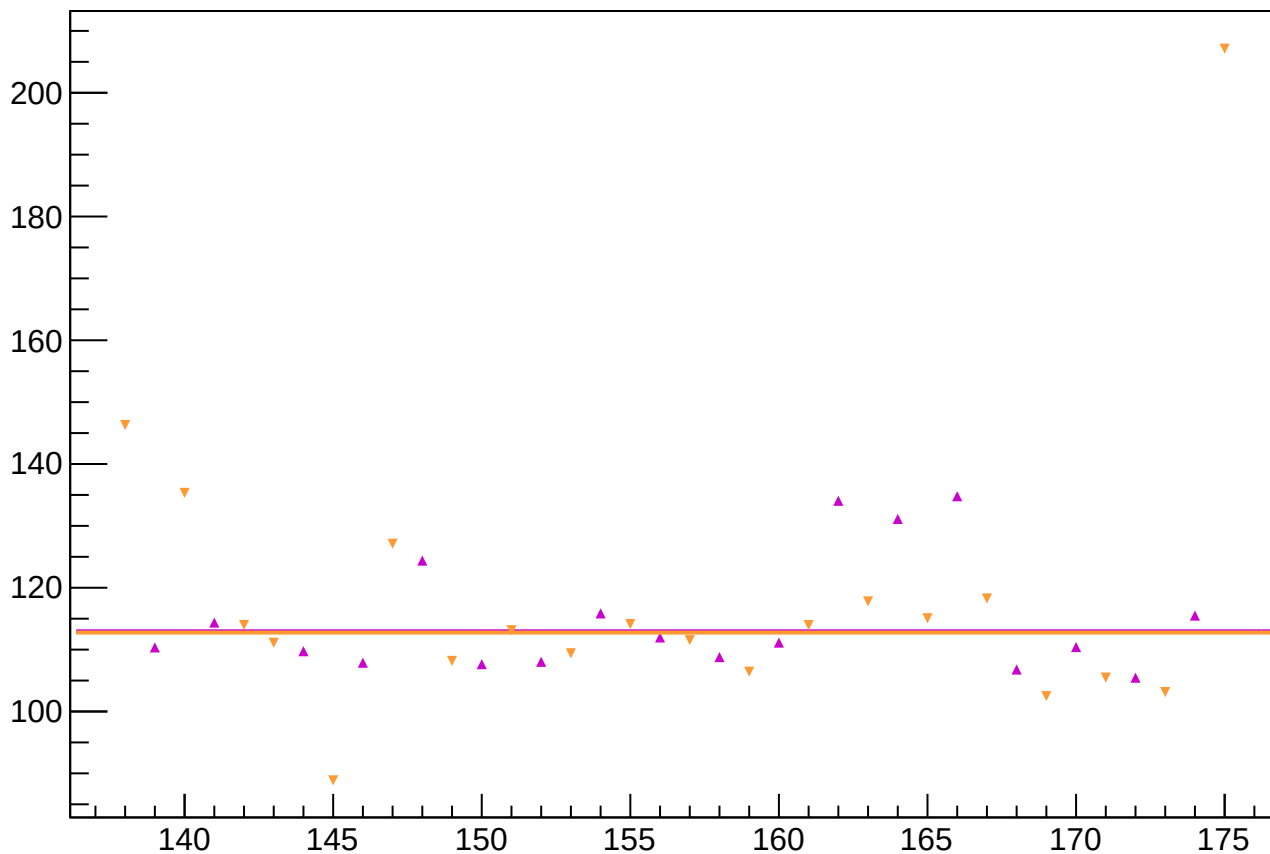
Left In: -54.645+/-30.280 χ^2/NDF :23.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.574+/-21.163 χ^2/NDF : 42.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 112.756+/-0.021 χ^2/NDF : 628459.0/19

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

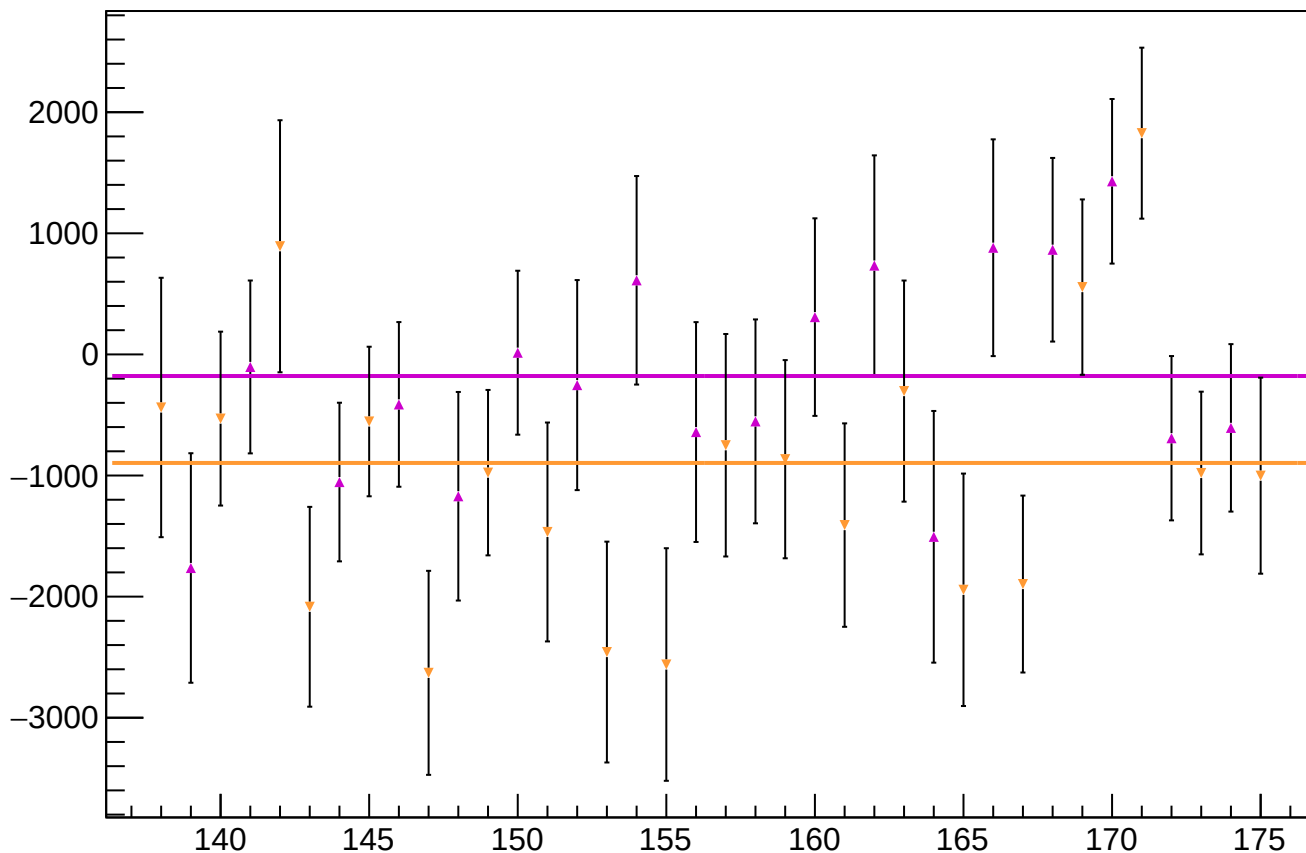
Left In: 112.960+/-0.021 χ^2/NDF : 131095.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.856+/-0.015 χ^2/NDF : 759600.8/37

- 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: -896.174+/-180.173 χ^2/NDF :39.2/19

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

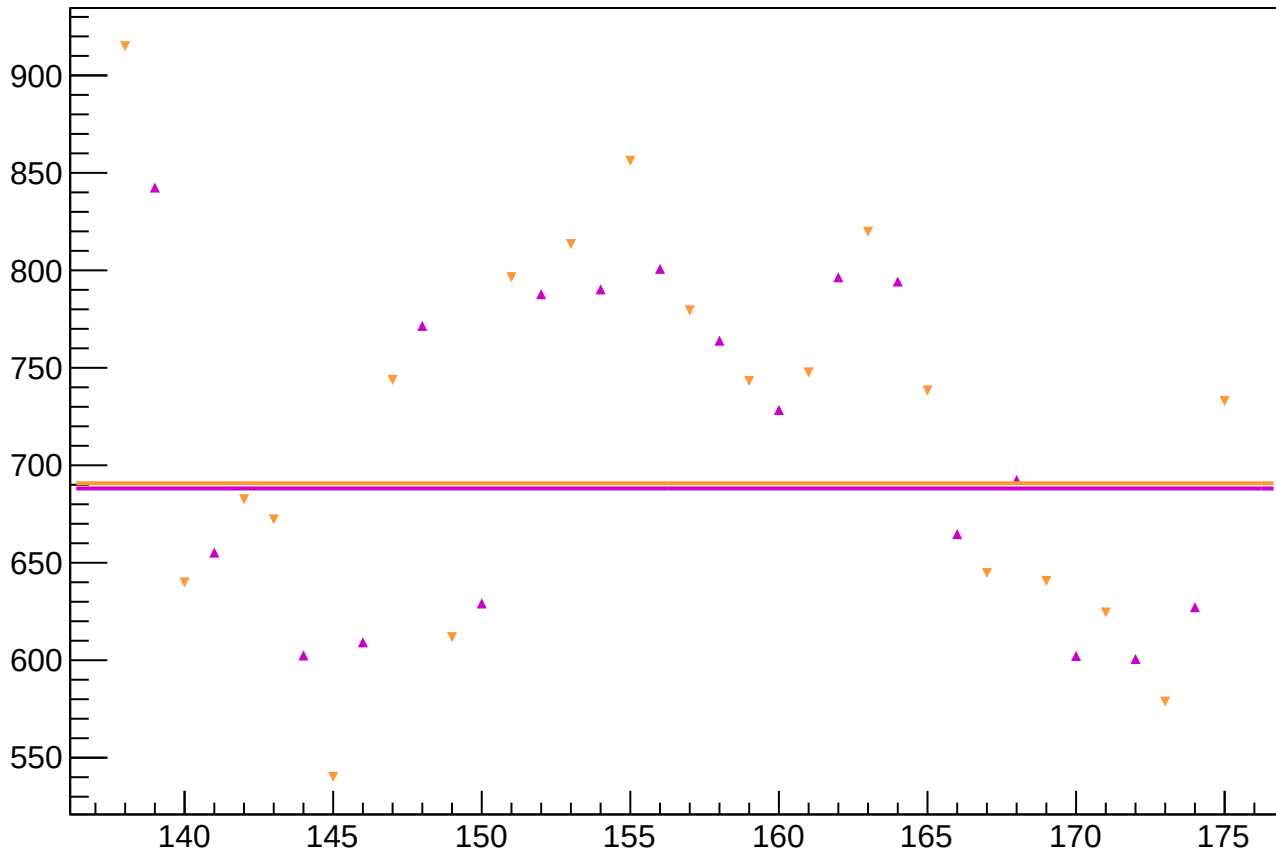
Left In: -178.355+/-184.238 χ^2/NDF :20.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -545.271+/-128.814 χ^2/NDF : 67.2/37

- 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: 690.785+/-0.127 χ^2/NDF : 552530.8/19

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

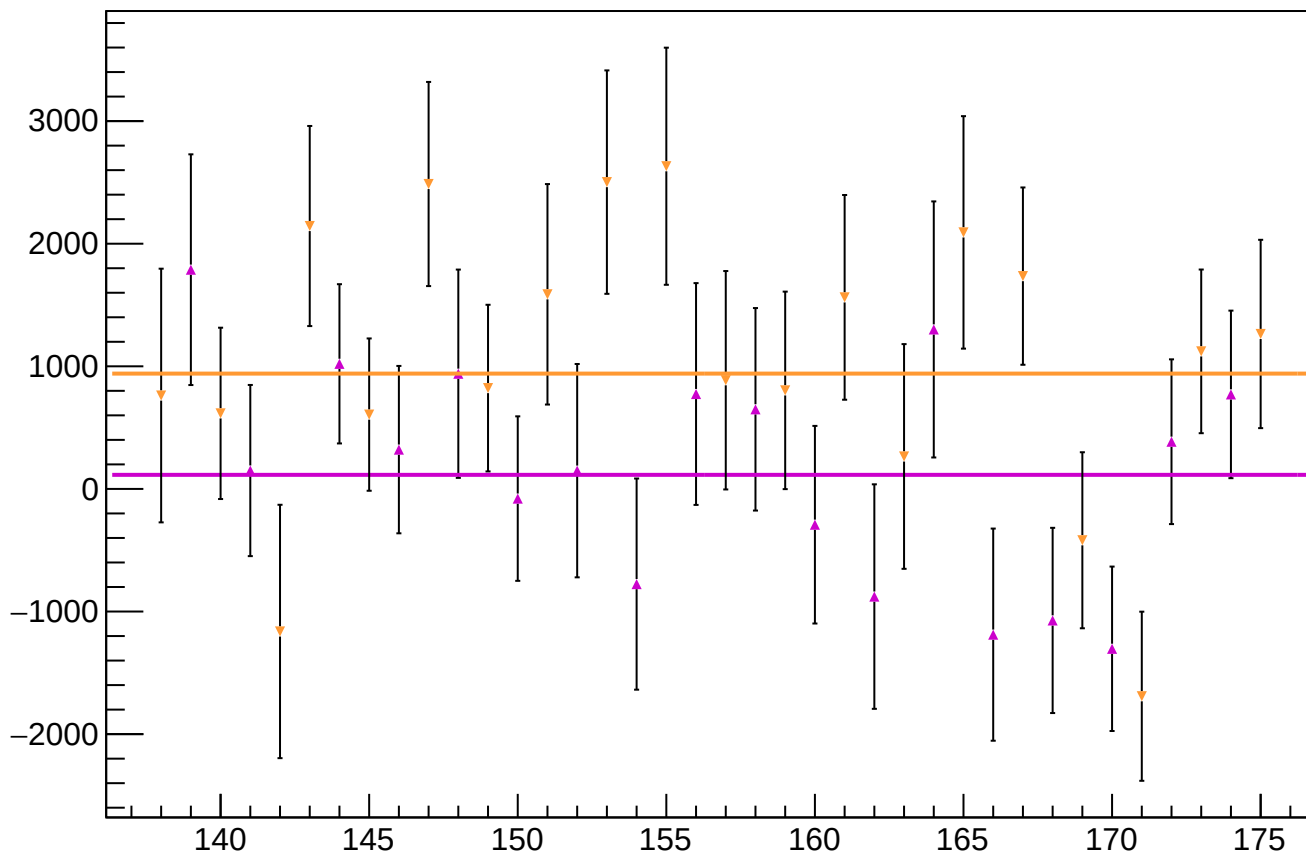
Left In: 688.098+/-0.130 χ^2/NDF : 390268.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.471+/-0.091 χ^2/NDF : 943016.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 940.568 $\pm$ 177.984 χ^2 /NDF:39.1/19

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

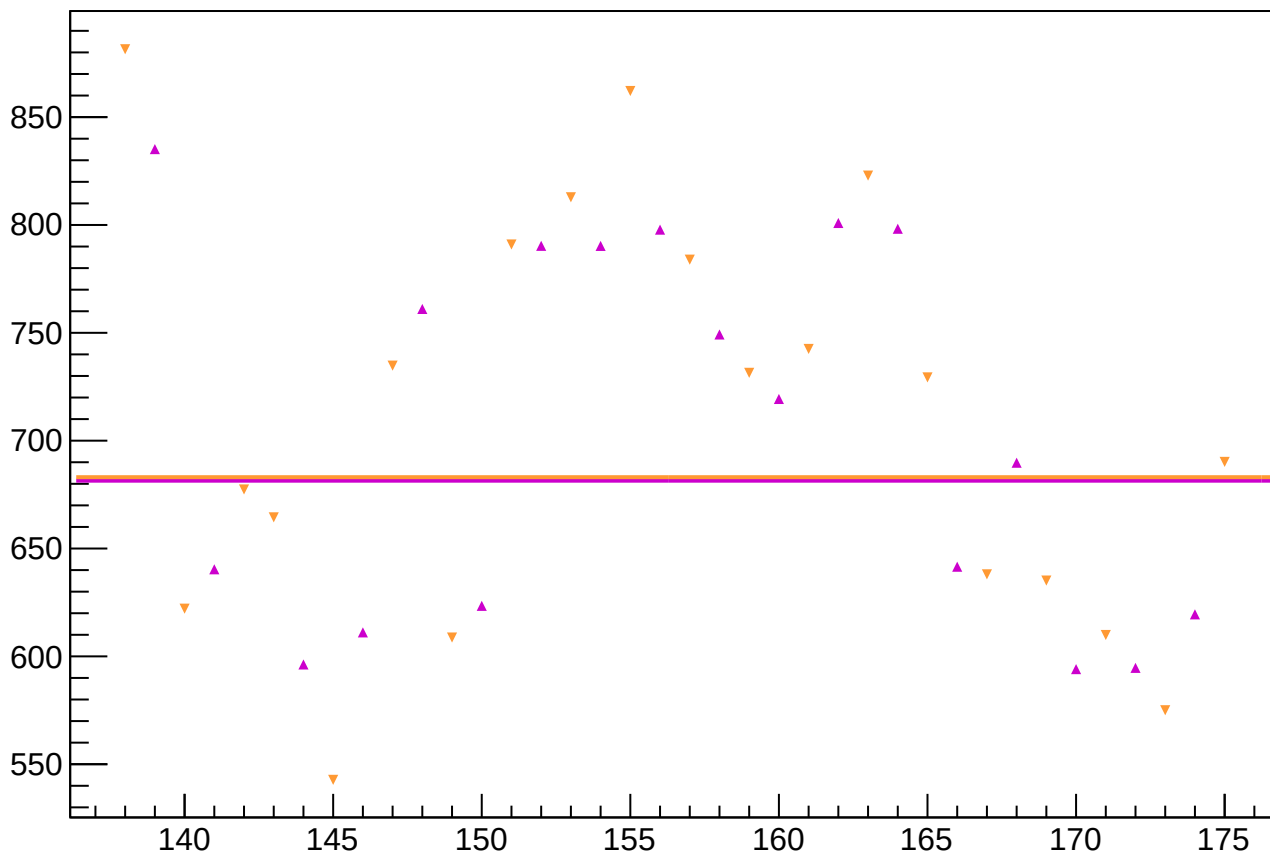
Left In: 114.787 $\pm$ 182.622 χ^2 /NDF:21.3/17

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

All: 538.297 $\pm$ 127.462 χ^2 /NDF: 70.8/37

- sign 0.000 $\pm$ 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: 683.065+/-0.126 χ^2/NDF : 547591.5/19

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

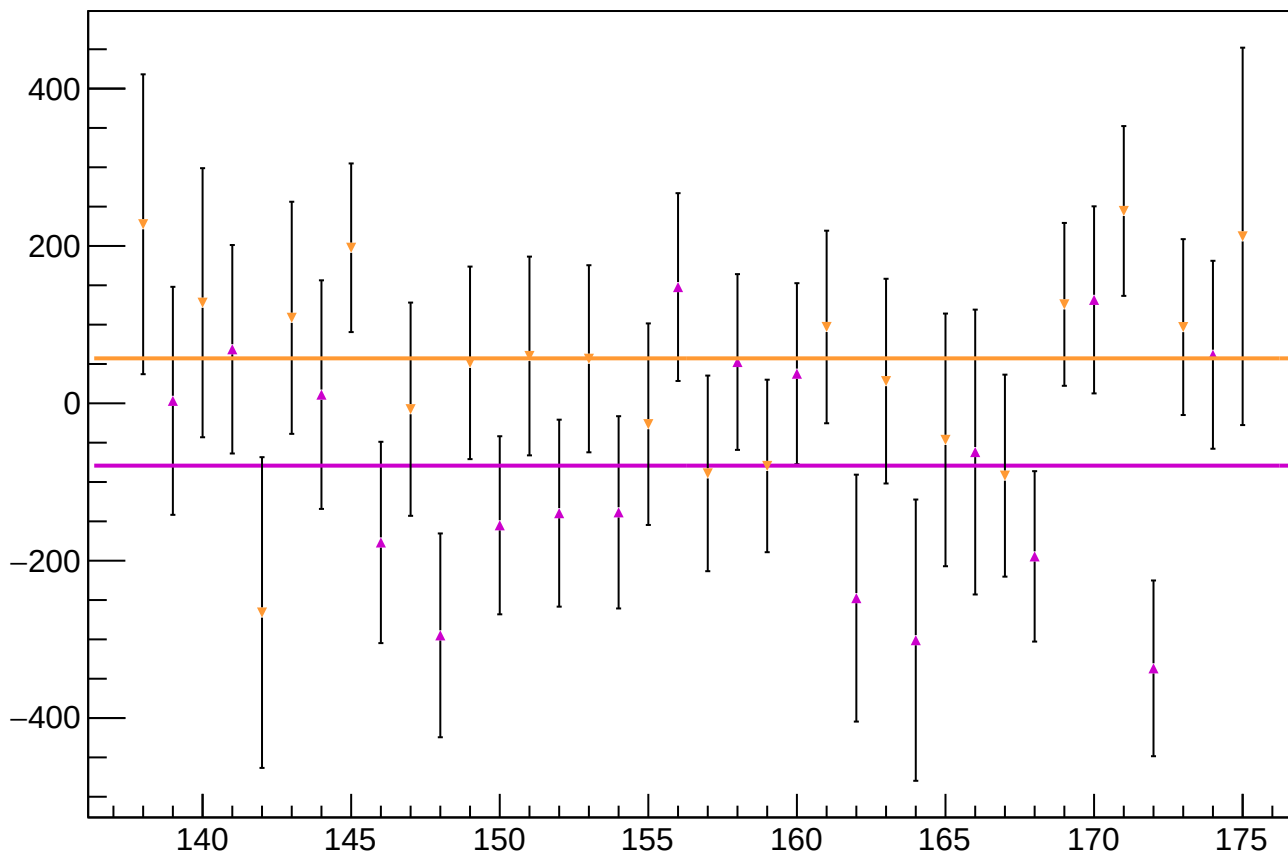
Left In: 681.454+/-0.129 χ^2/NDF : 410105.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.280+/-0.090 χ^2/NDF : 957777.1/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 57.160+/-29.037 χ^2/NDF :15.0/19

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

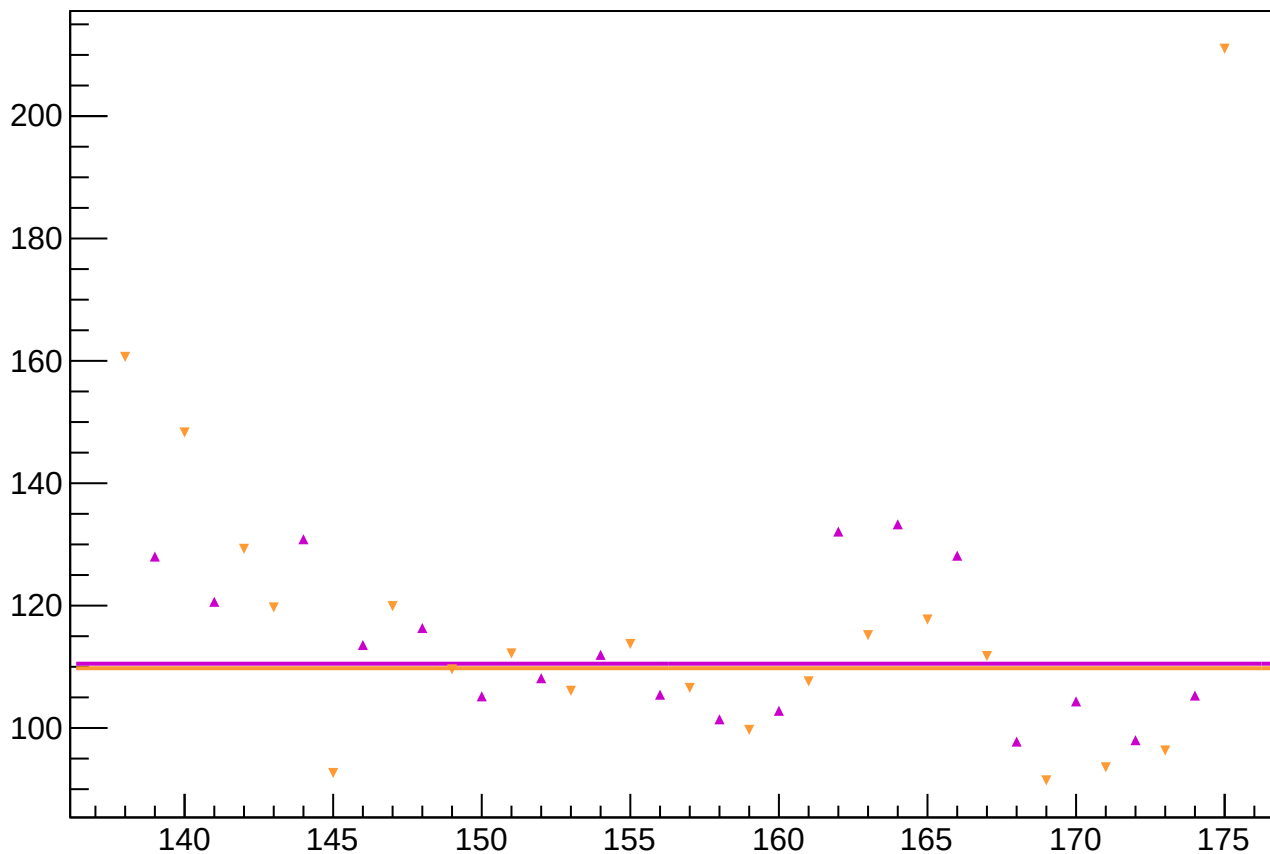
Left In: -79.193+/-29.836 χ^2/NDF :26.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.165+/-20.809 χ^2/NDF : 51.7/37

- sign 0.000+/-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: 109.766+/-0.021 χ^2/NDF : 860516.4/19

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

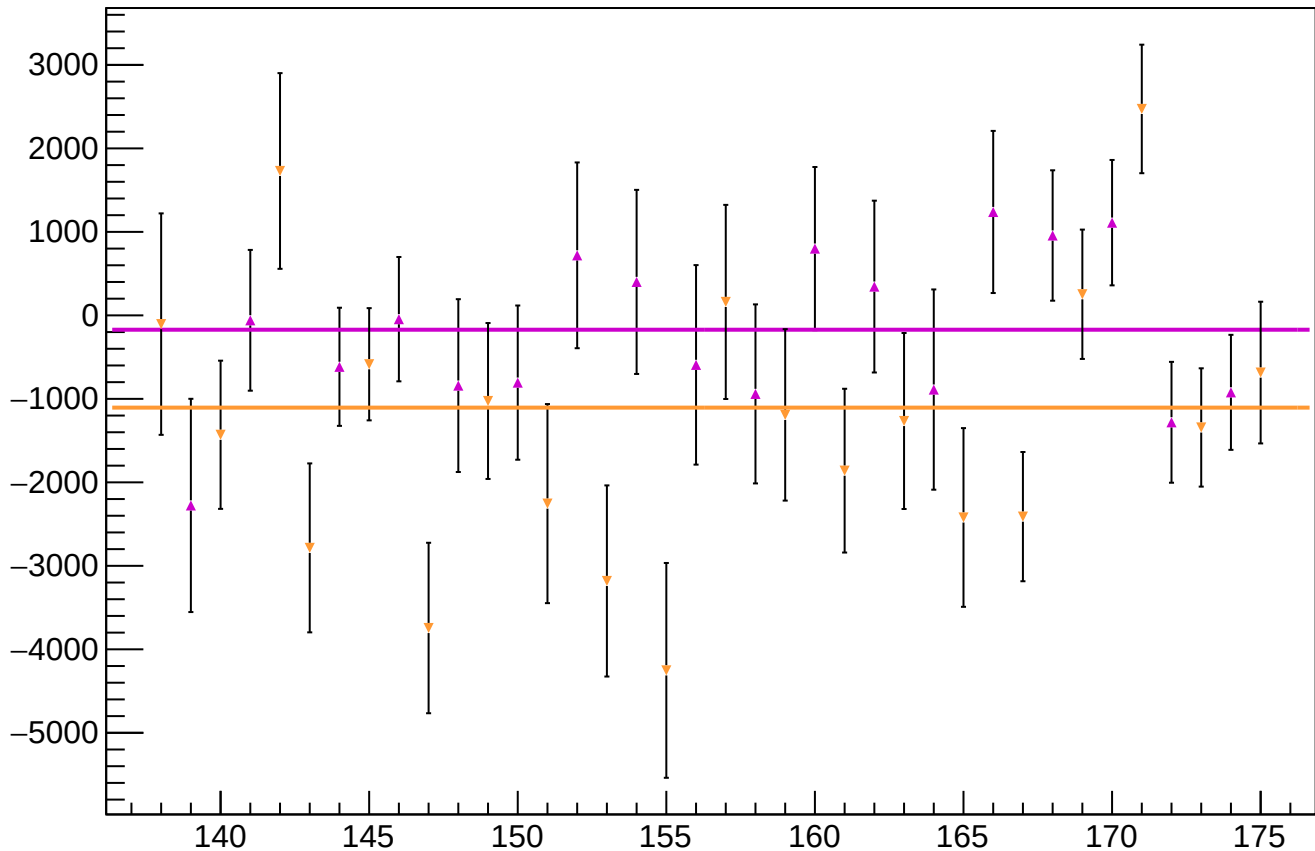
Left In: 110.507+/-0.021 χ^2/NDF : 267882.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.126+/-0.015 χ^2/NDF : 1129032.0/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1104.963 $\pm$ 209.254 χ^2 /NDF:58.0/19

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

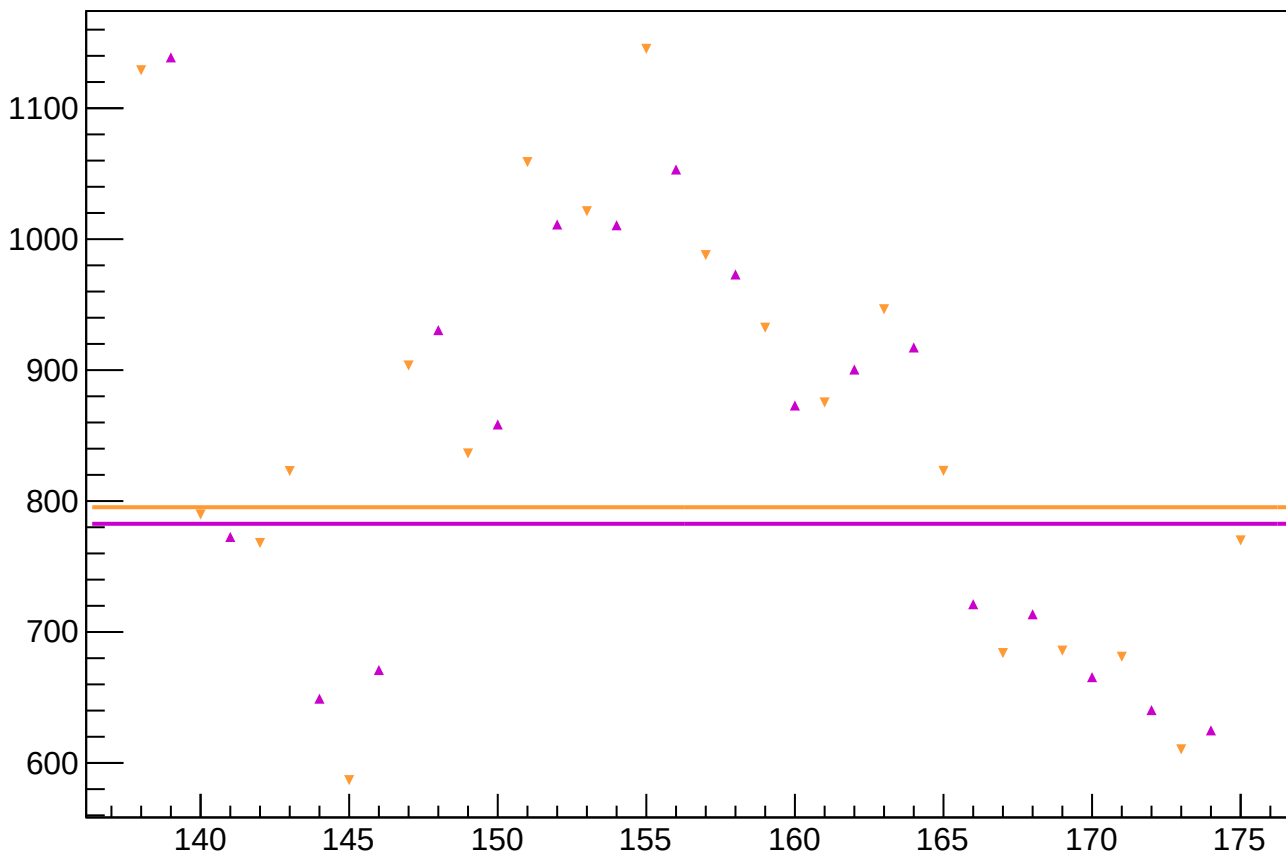
Left In: -171.884 $\pm$ 211.747 χ^2 /NDF:17.8/17

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

All: -643.948 $\pm$ 148.838 χ^2 /NDF: 85.7/37

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

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 795.290+/-0.148 χ^2/NDF :1081413.2/19

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

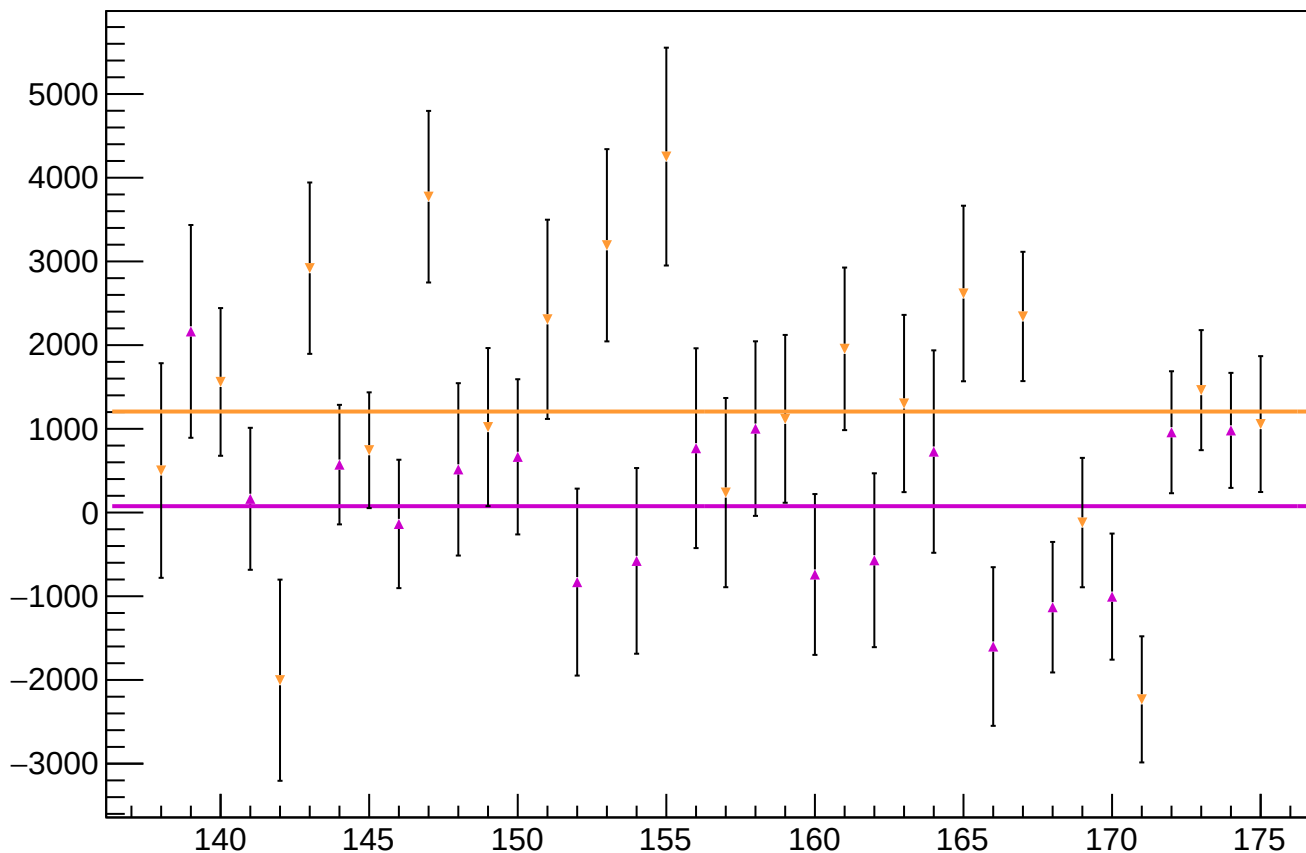
Left In: 782.640+/-0.150 χ^2/NDF :984898.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.040+/-0.105 χ^2/NDF : 2069922.6/37

- 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: 1206.702+/-208.638 χ^2/NDF :55.7/19

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

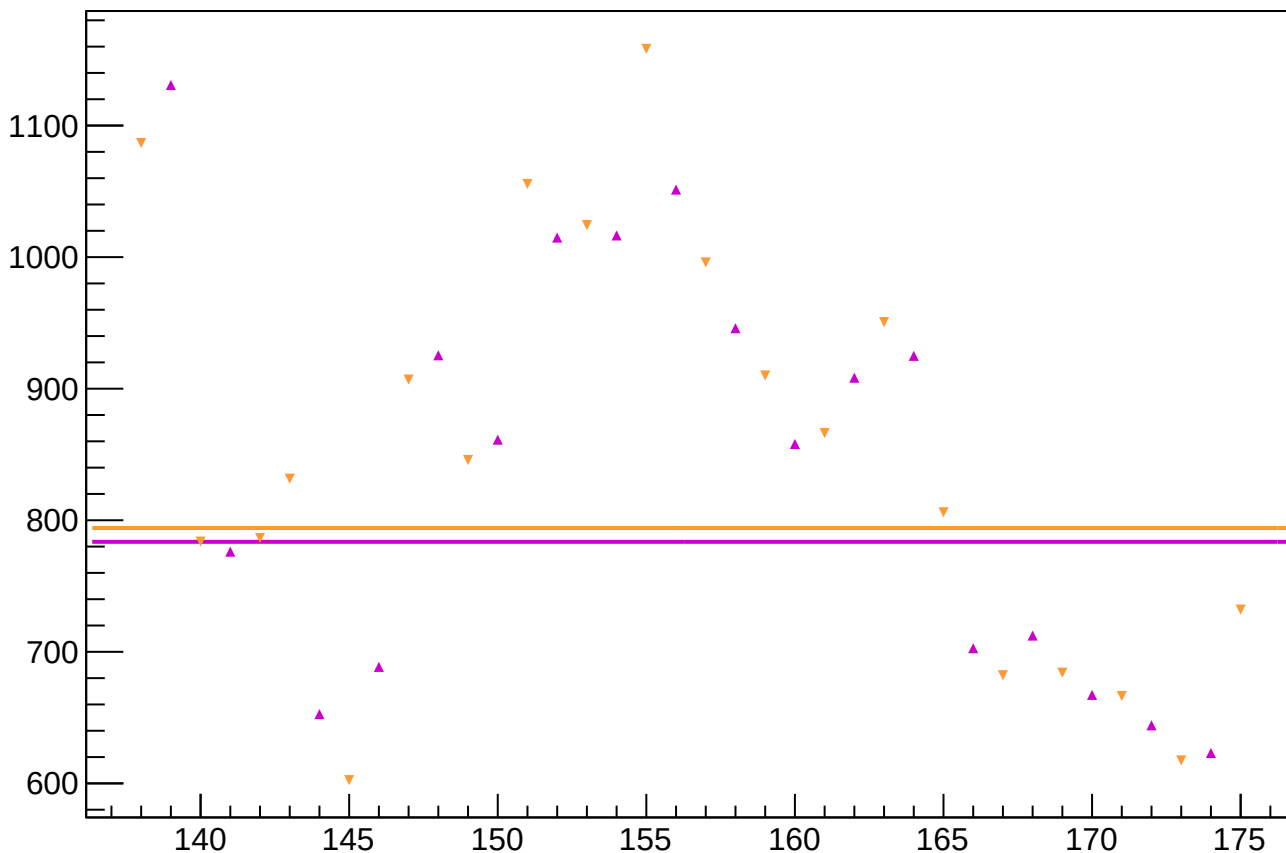
Left In: 75.953+/-212.096 χ^2/NDF :18.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 650.621+/-148.737 χ^2/NDF : 88.4/37

- 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: 794.108+/-0.148 χ^2/NDF :1043197.7/19

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

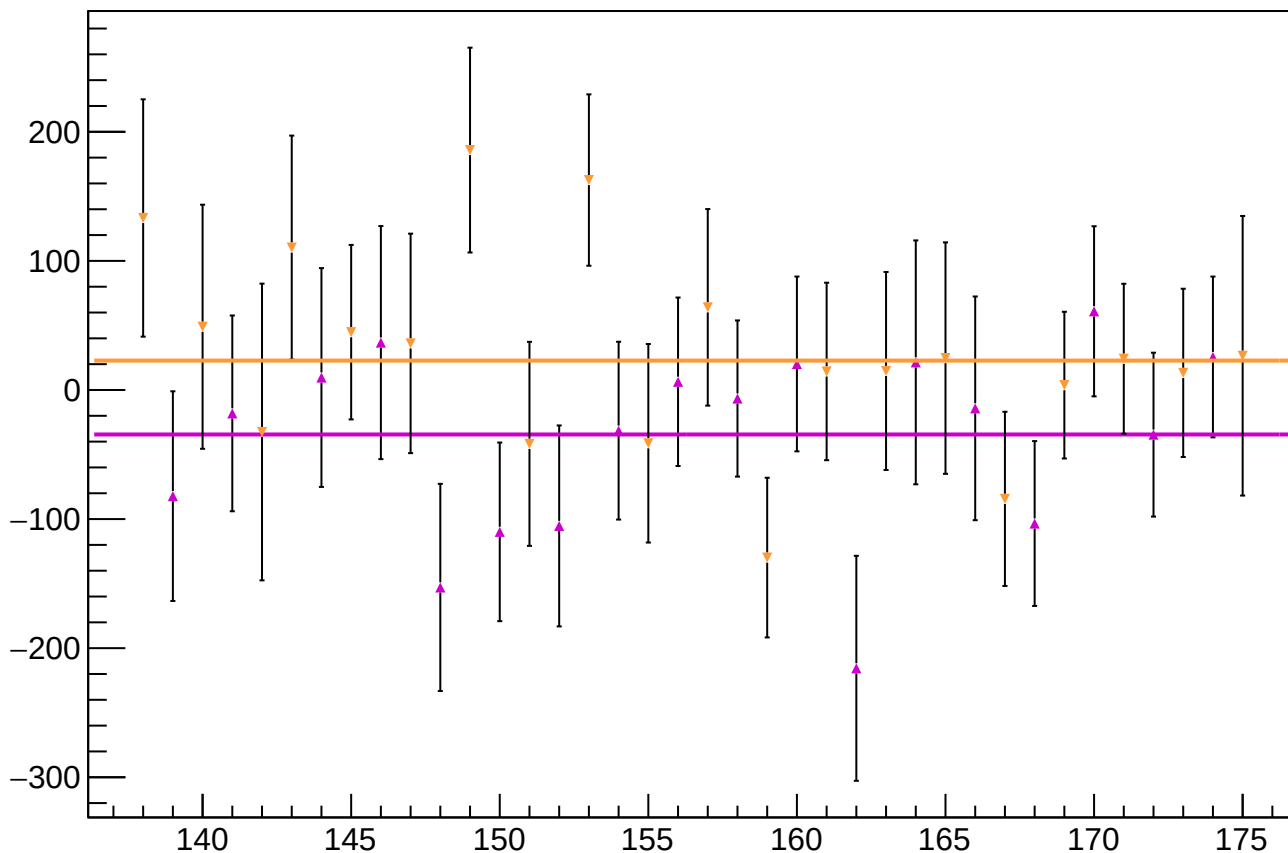
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.949+/-0.105 χ^2/NDF : 1997580.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 783.618+/-0.150 χ^2/NDF :951896.4/17

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 22.772 $\pm$ 16.672 χ^2 /NDF:22.0/19

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

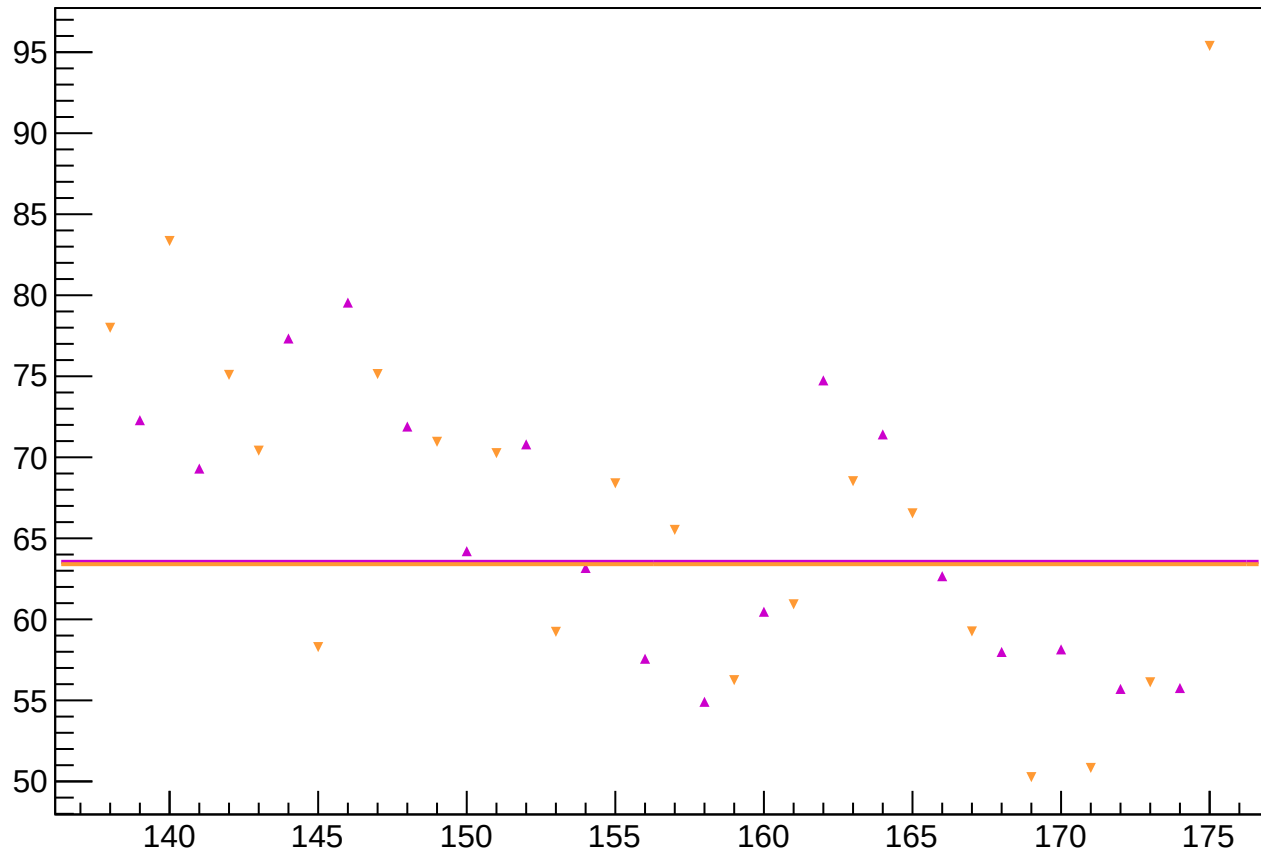
Left In: -34.474 $\pm$ 17.119 χ^2 /NDF:15.7/17

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

All: -5.094 $\pm$ 11.944 χ^2 /NDF: 43.4/37

- 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: 63.405+/-0.012 χ^2/NDF : 722131.1/19

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

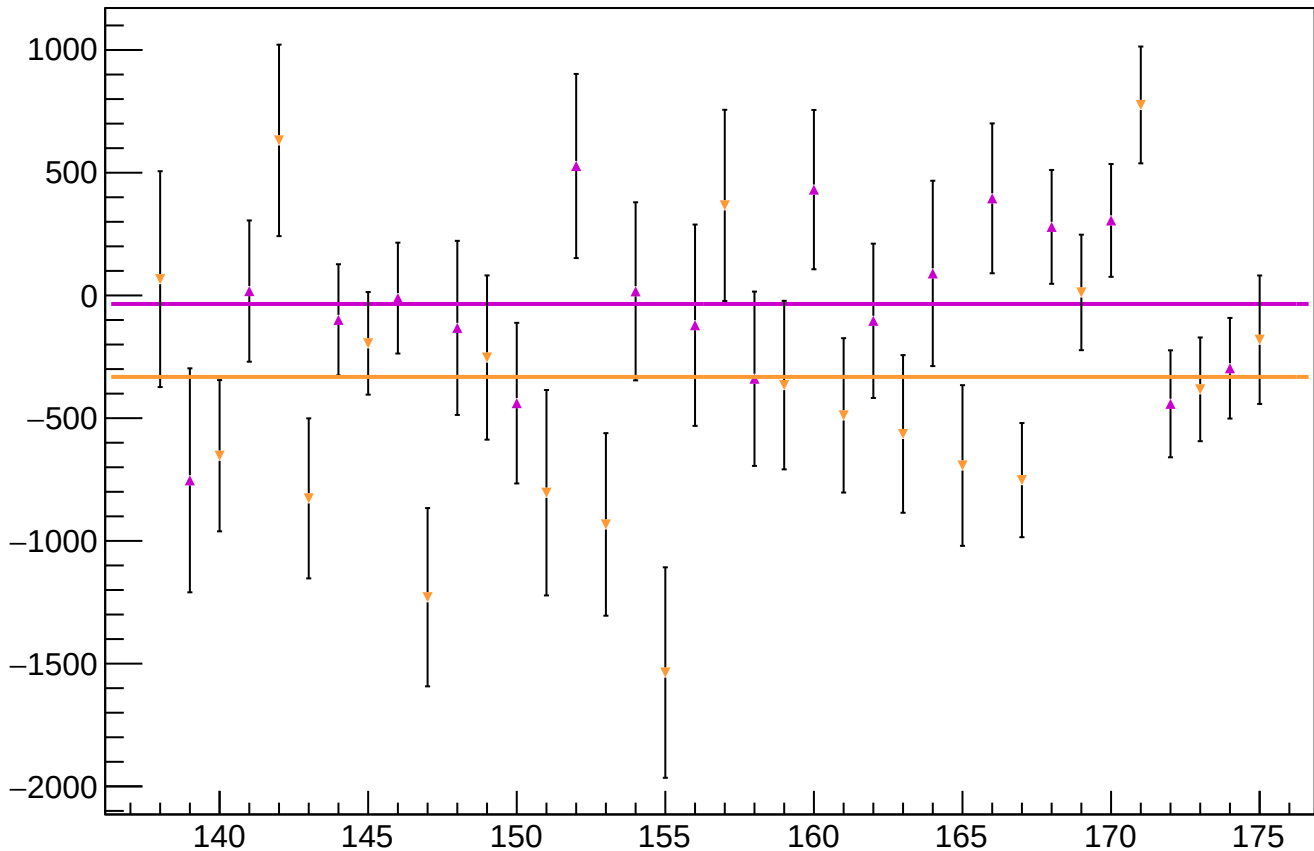
Left In: 63.550+/-0.012 χ^2/NDF : 388849.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.476+/-0.008 χ^2/NDF : 1111054.1/37

- 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: -331.833+/-66.677 χ^2/NDF : 61.4/19

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

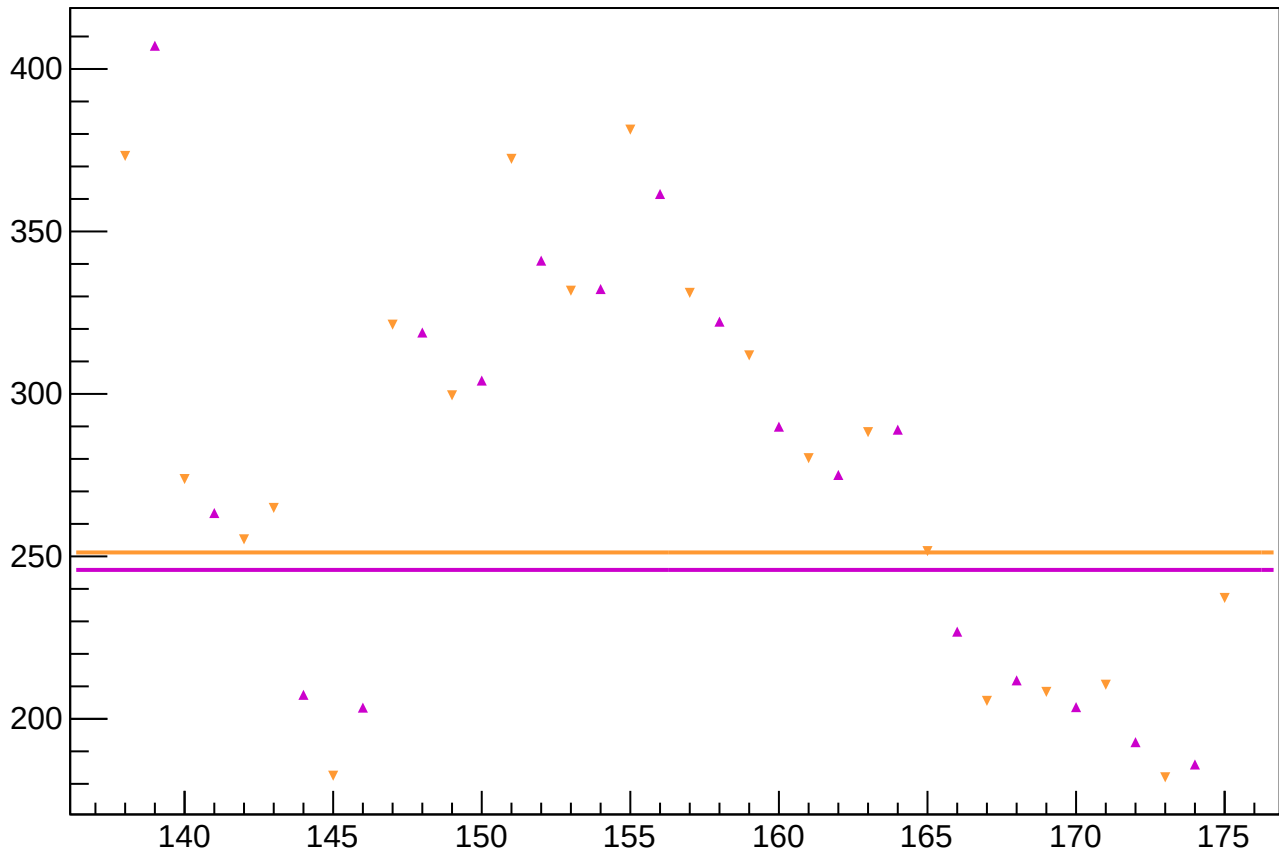
Left In: -34.693+/-67.182 χ^2/NDF : 20.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -184.384+/-47.325 χ^2/NDF : 91.8/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 251.215+/-0.047 χ^2/NDF :1559238.1/19

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

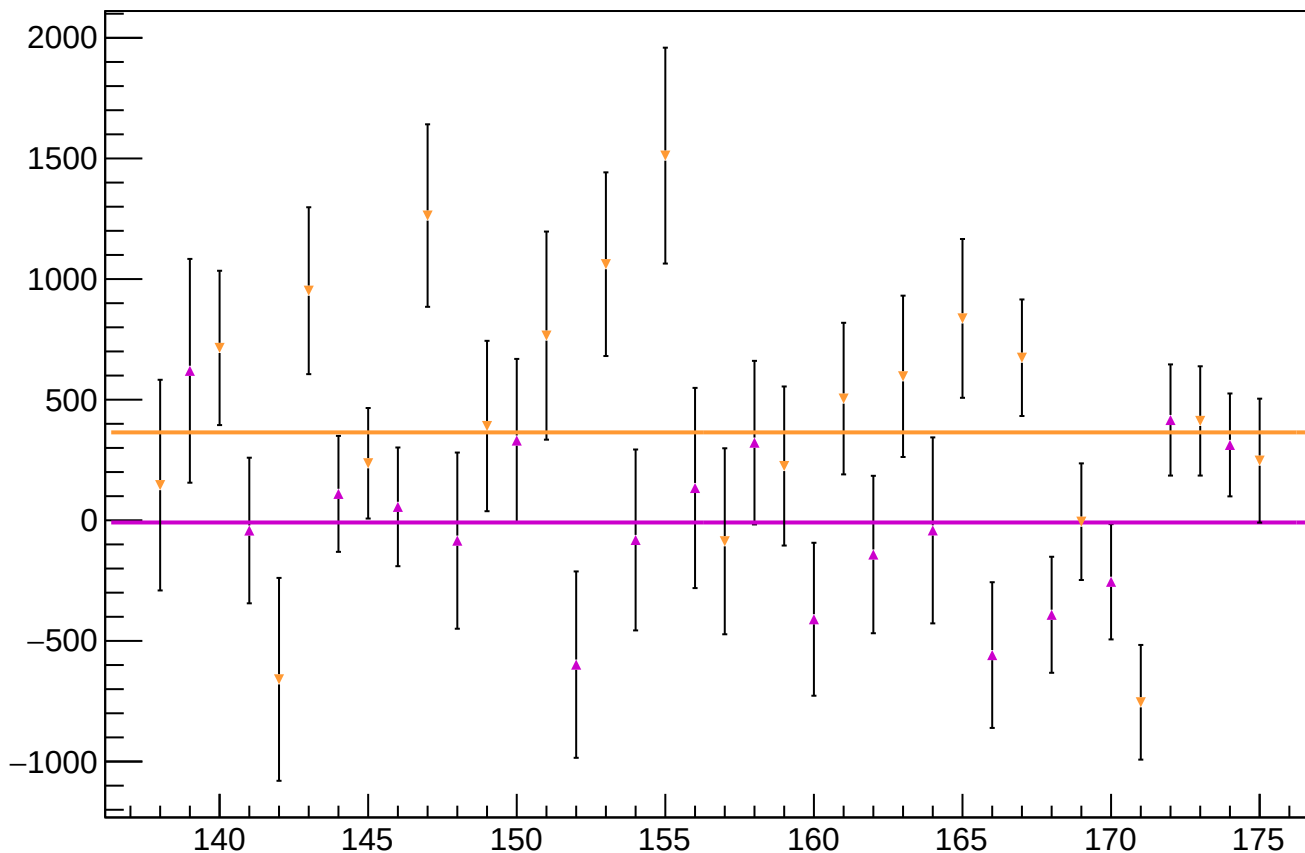
Left In: 245.841+/-0.048 χ^2/NDF :1515264.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.548+/-0.033 χ^2/NDF : 3080949.8/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 364.442+/-68.817 χ^2/NDF : 57.7/19

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

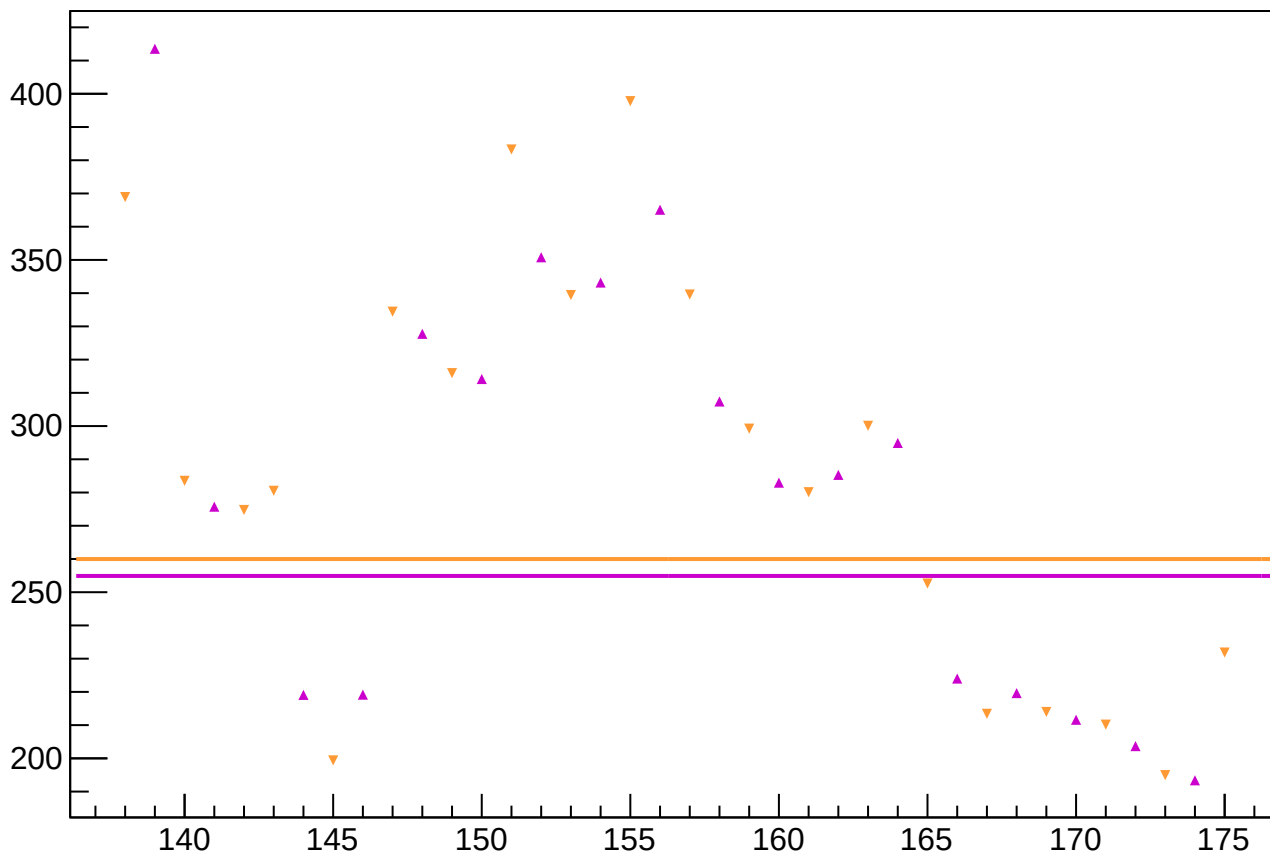
Left In: -9.074+/-69.565 χ^2/NDF : 21.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.703+/-48.923 χ^2/NDF : 93.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 259.979+/-0.049 χ^2/NDF :1427592.4/19

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

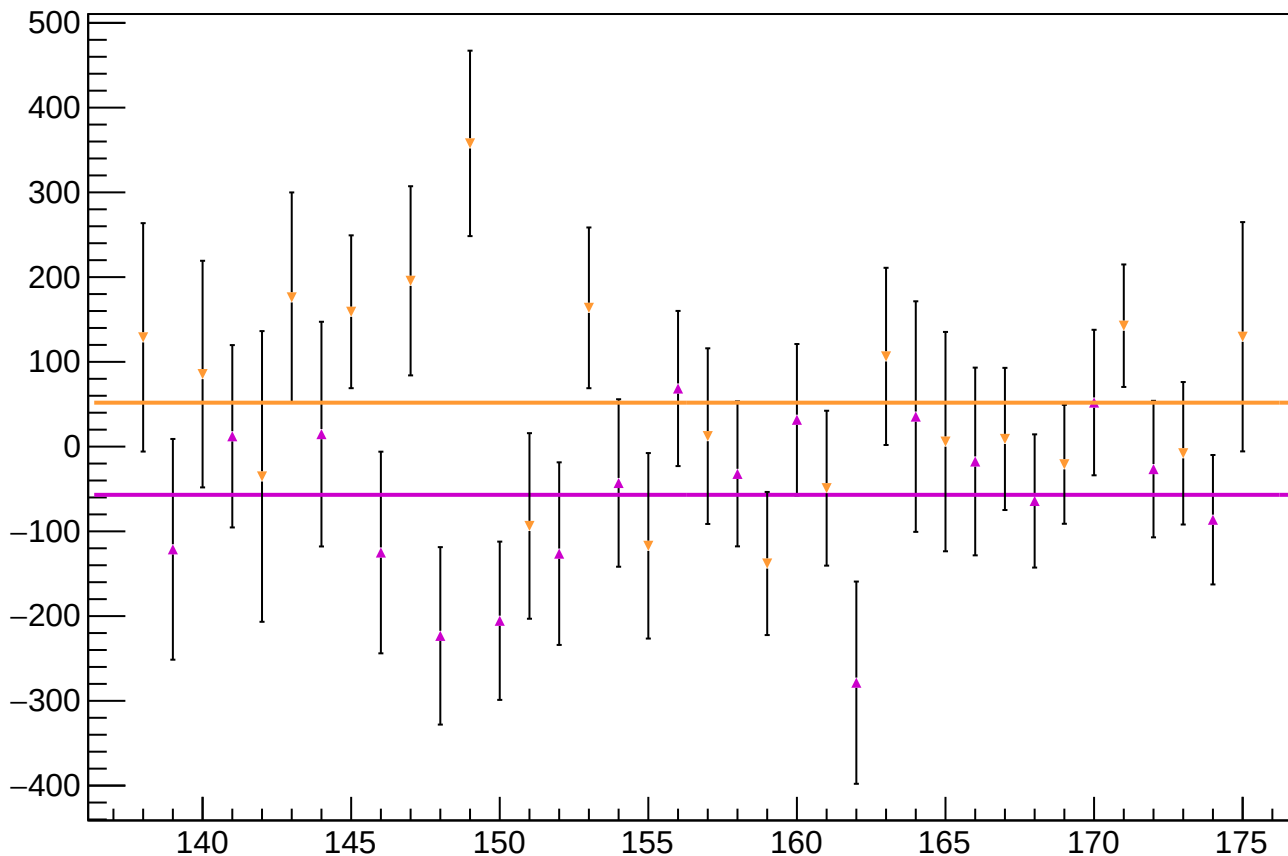
Left In: 254.895+/-0.049 χ^2/NDF :1343363.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.464+/-0.035 χ^2/NDF : 2776353.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 51.840+/-22.294 χ^2/NDF : 28.7/19

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

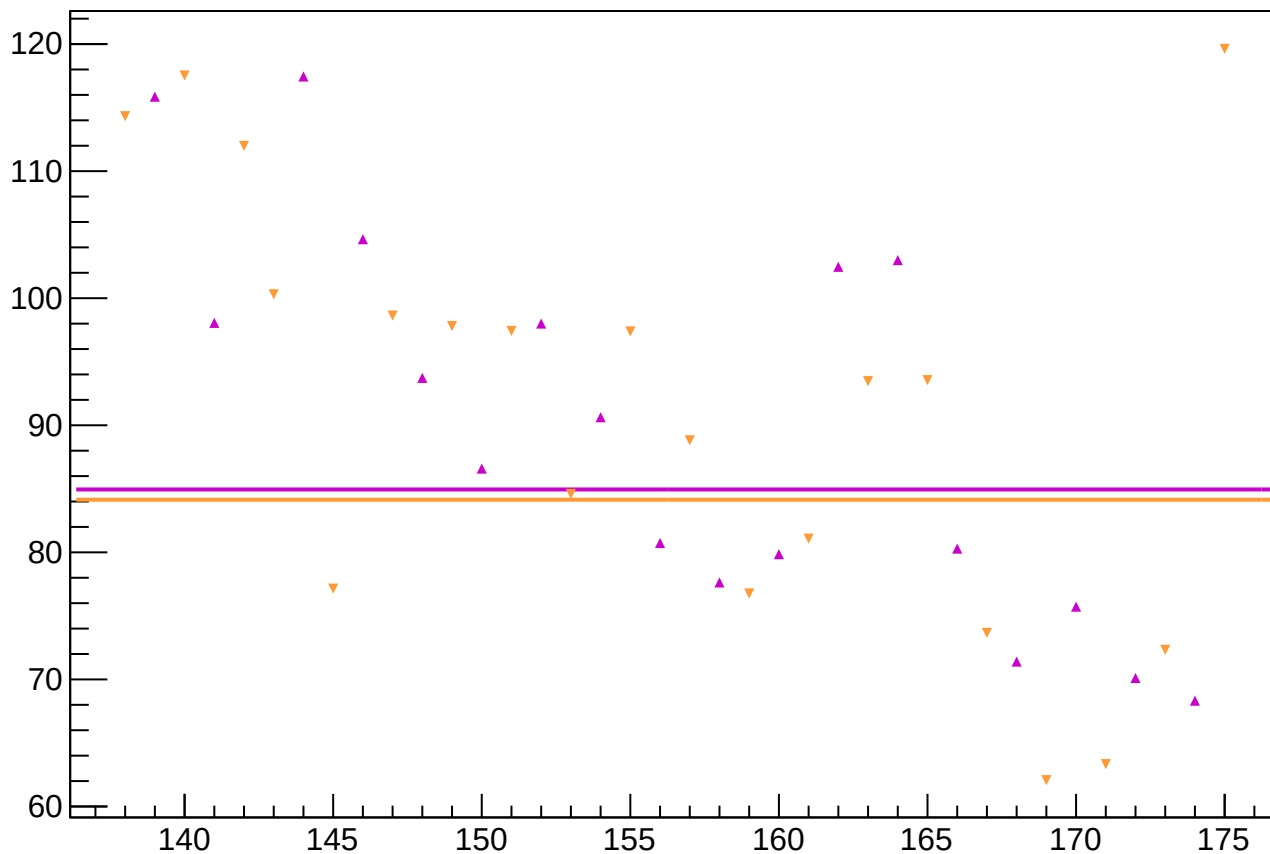
Left In: -56.906+/-23.079 χ^2/NDF : 15.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.650+/-16.035 χ^2/NDF : 55.8/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 84.143+/-0.016 χ^2/NDF : 1067480.2/19

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

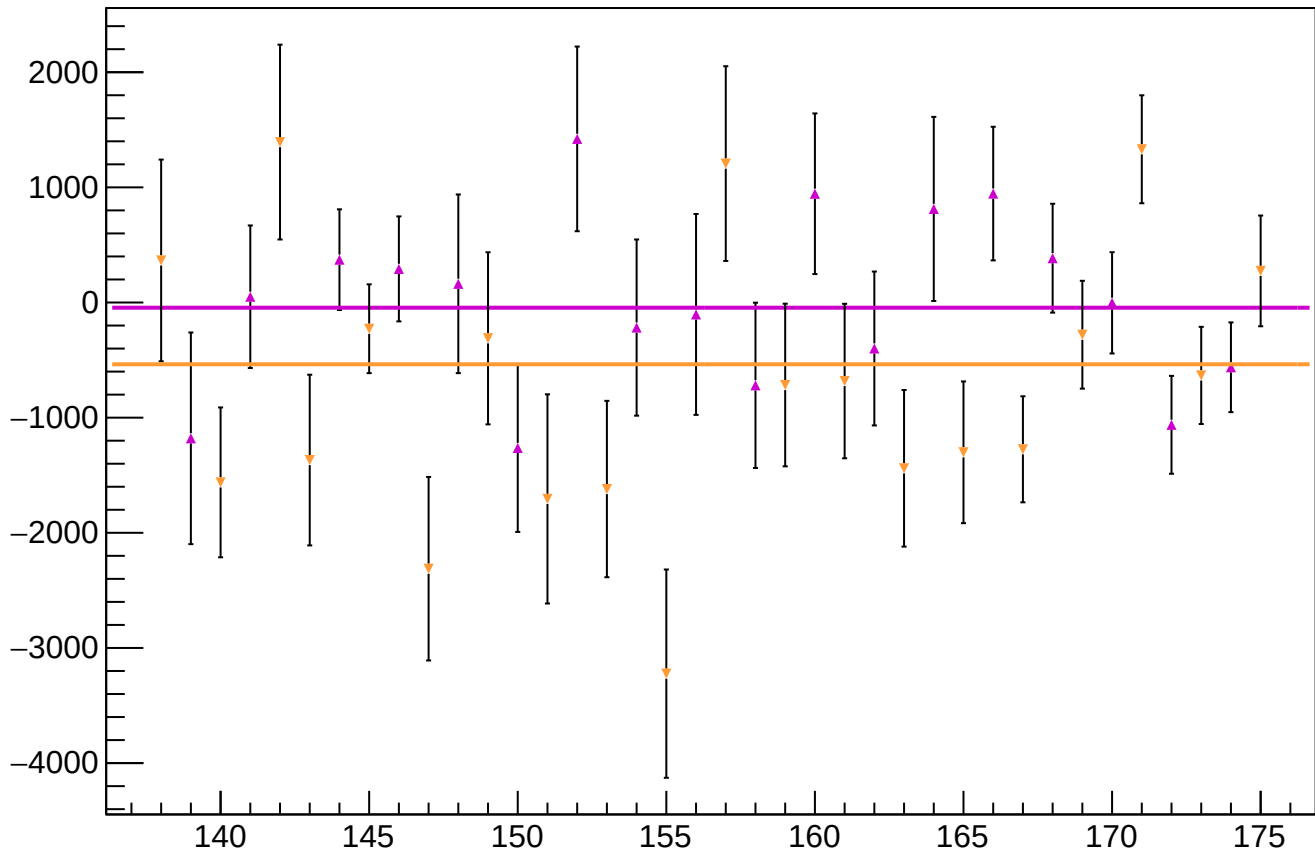
Left In: 84.949+/-0.016 χ^2/NDF : 720319.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.532+/-0.011 χ^2/NDF : 1789060.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -536.401 $\pm$ 134.465 χ^2 /NDF:57.5/19

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

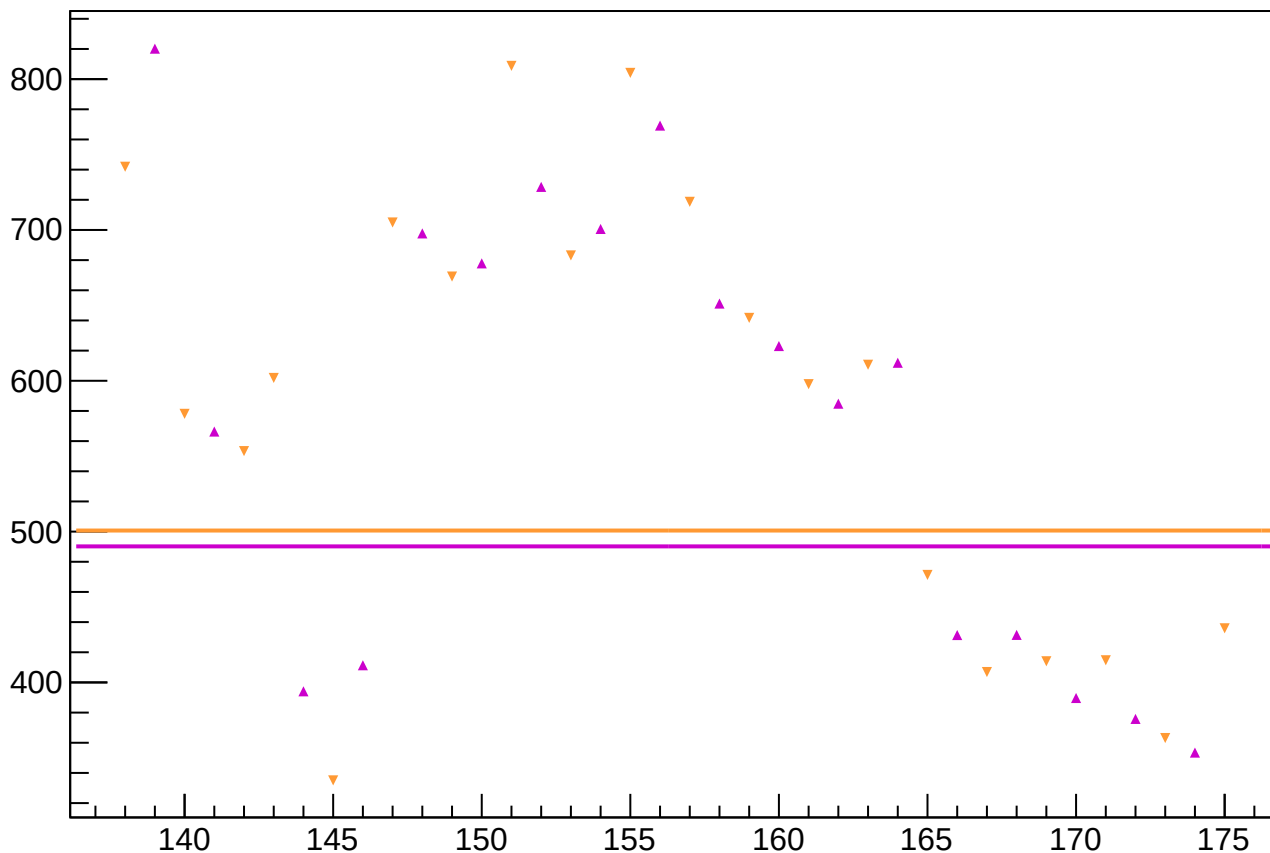
Left In: -45.099 $\pm$ 135.471 χ^2 /NDF:24.8/17

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

All: -292.581 $\pm$ 95.435 χ^2 /NDF: 88.9/37

- sign 0.000 $\pm$ 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: 500.712+/-0.095 χ^2/NDF :2174652.4/19

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

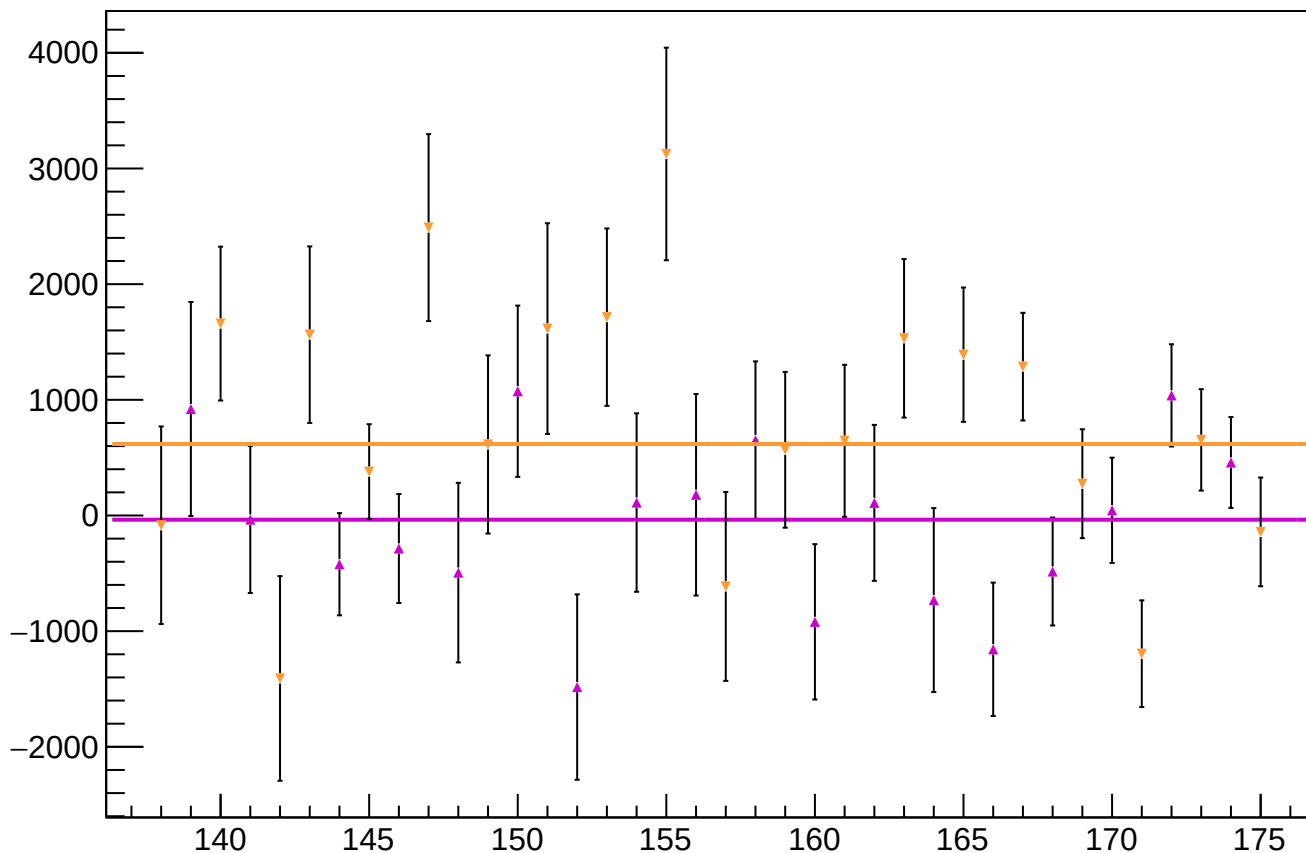
Left In: 490.205+/-0.096 χ^2/NDF :2059082.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.498+/-0.067 χ^2/NDF : 4239795.0/37

- 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: 618.085+/-135.387 χ^2/NDF : 52.8/19

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

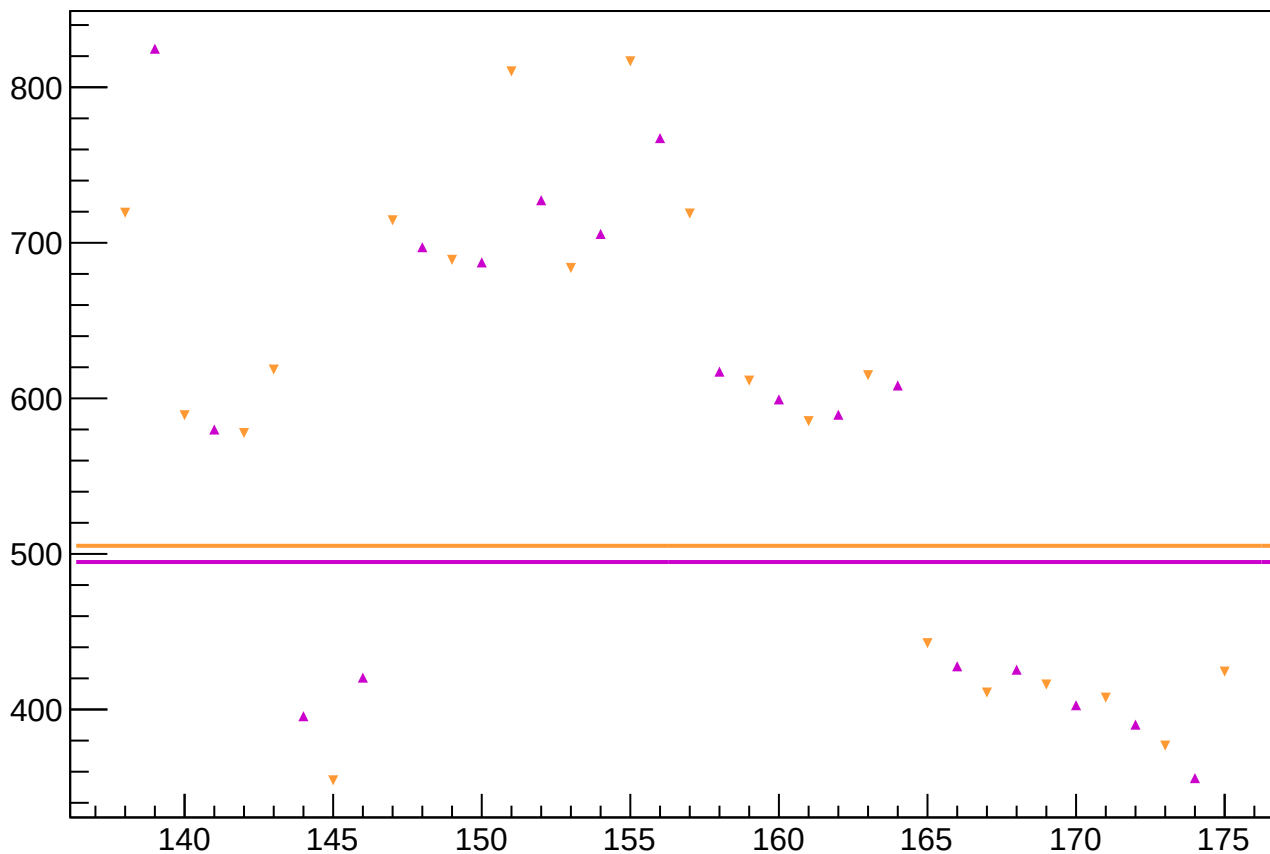
Left In: -36.327+/-136.697 χ^2/NDF : 23.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.031+/-96.193 χ^2/NDF : 88.2/37

- 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: 505.240+/-0.096 χ^2/NDF :2061174.1/19

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

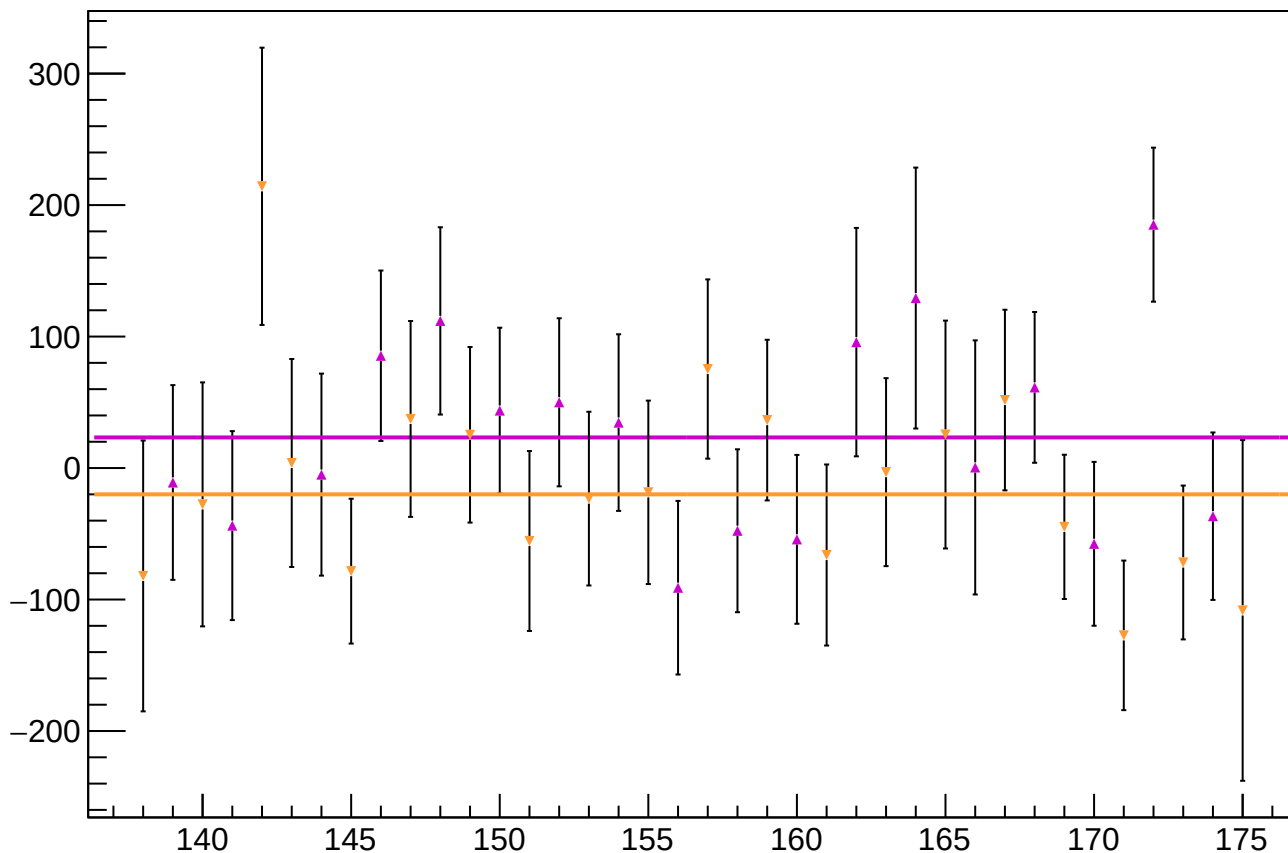
Left In: 494.793+/-0.097 χ^2/NDF :1934397.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.067+/-0.068 χ^2/NDF : 4001467.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -19.989 $\pm$ 15.673 χ^2 /NDF:17.5/19

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

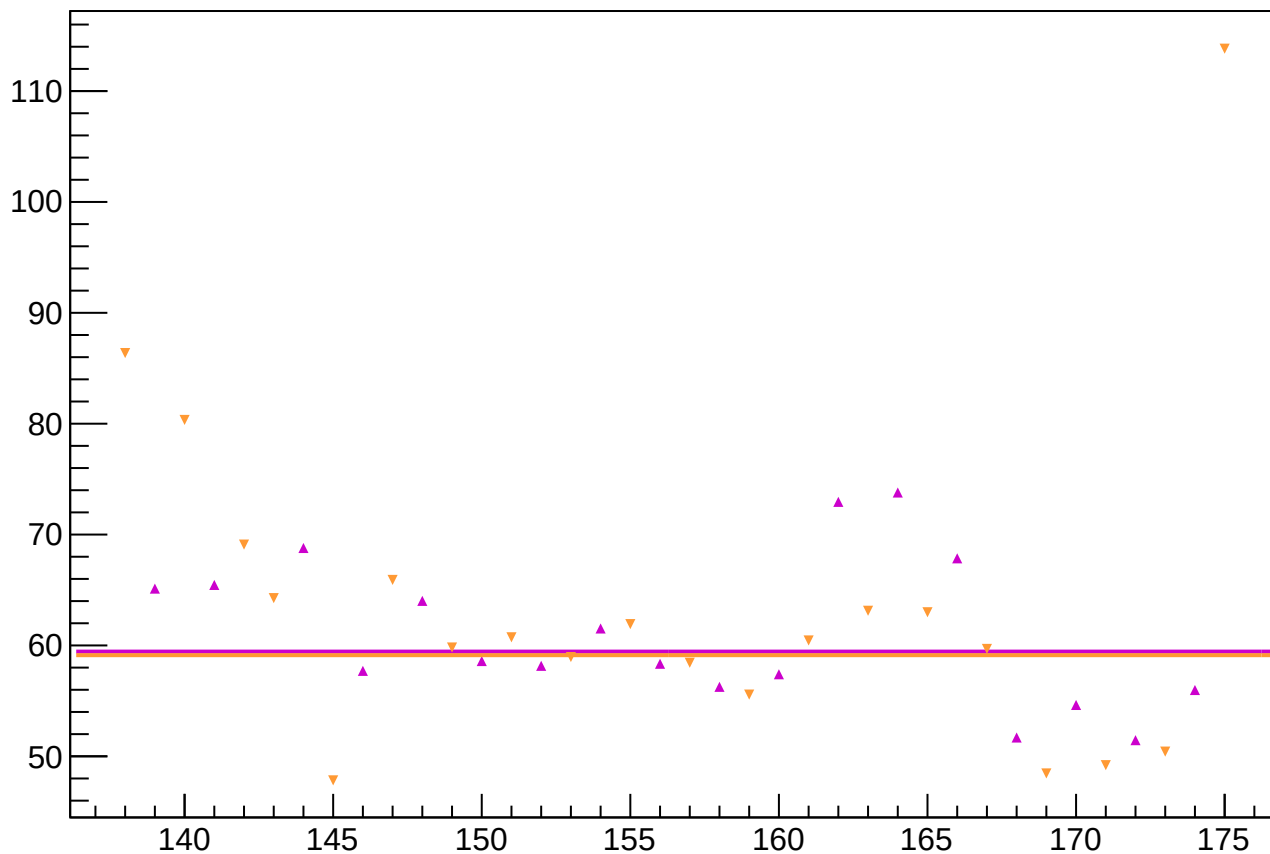
Left In: 23.282 $\pm$ 16.070 χ^2 /NDF:22.3/17

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

All: 1.106 $\pm$ 11.220 χ^2 /NDF: 43.6/37

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

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 59.121+/-0.011 χ^2/NDF : 931538.5/19

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

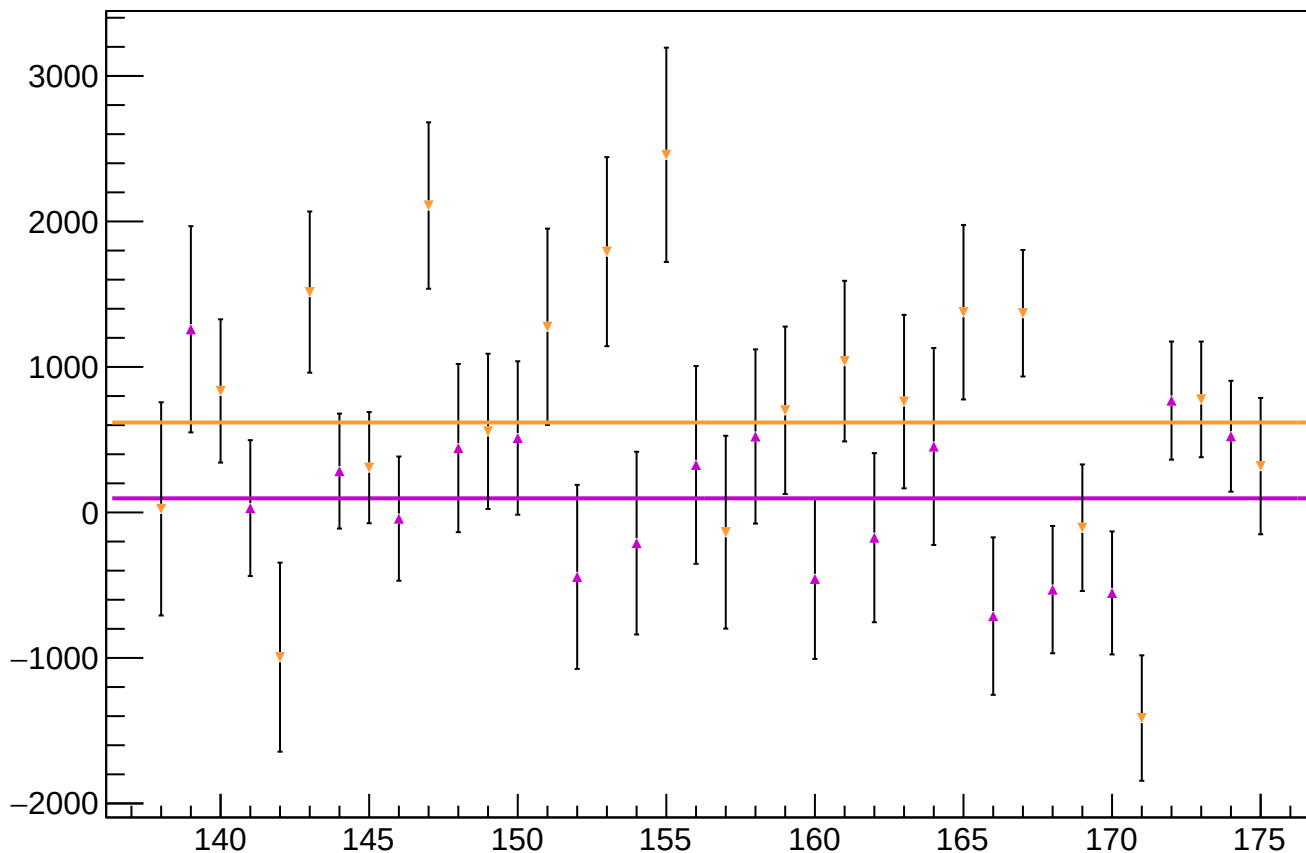
Left In: 59.445+/-0.011 χ^2/NDF : 272916.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.279+/-0.008 χ^2/NDF : 1204871.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 618.600 $\pm$ 117.475 χ^2 /NDF:59.6/19

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

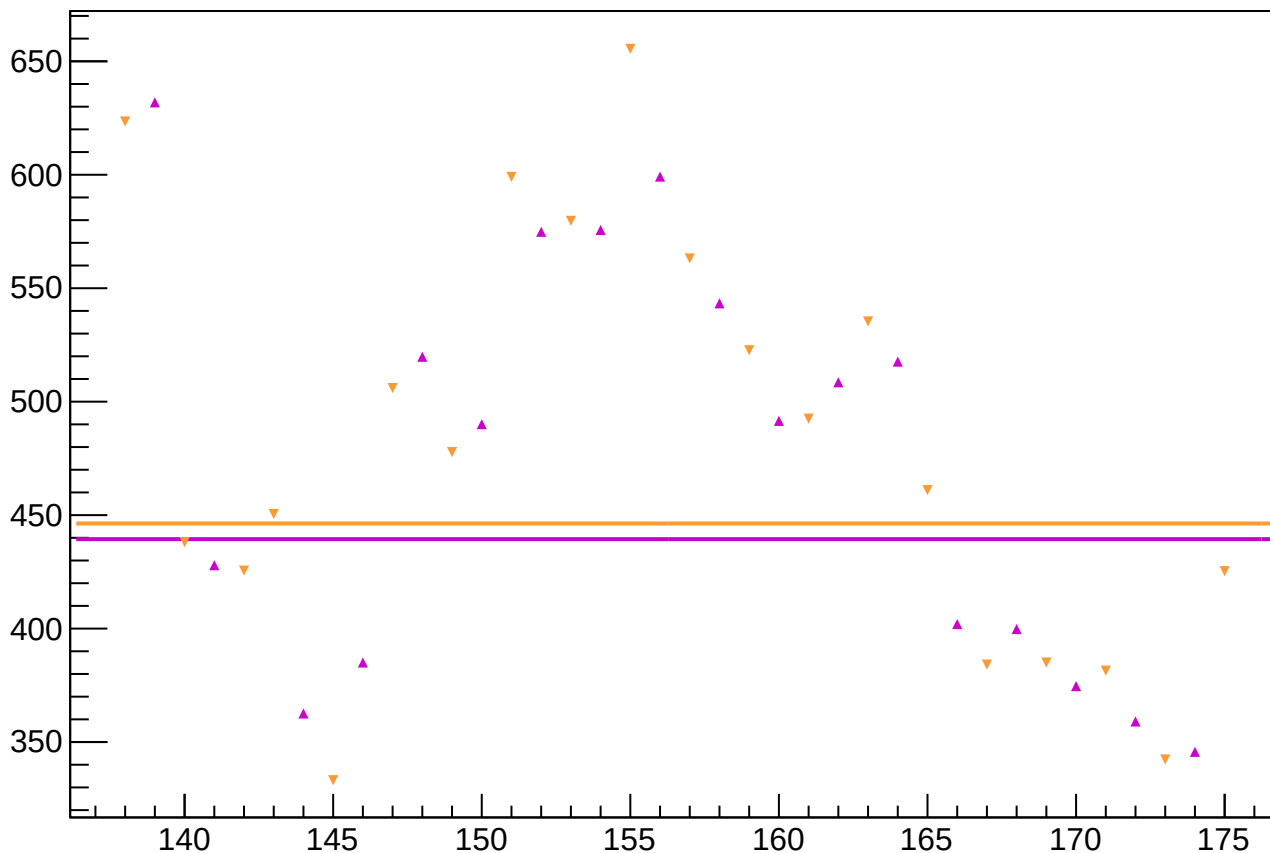
Left In: 97.059 $\pm$ 118.948 χ^2 /NDF:17.8/17

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

All: 361.079 $\pm$ 83.583 χ^2 /NDF: 87.1/37

- sign 0.000 $\pm$ 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: 446.308+/-0.083 χ^2/NDF : 1095995.6/19

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

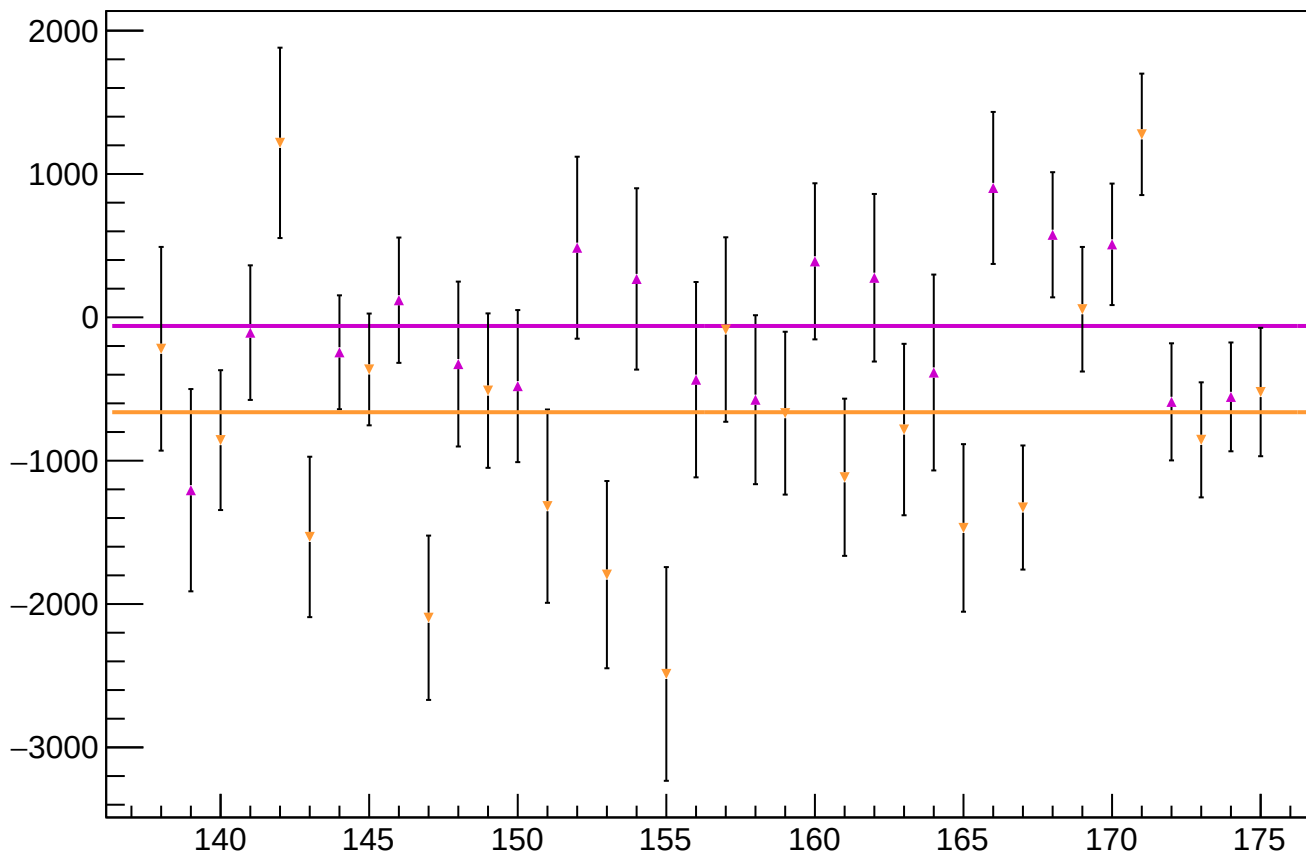
Left In: 439.421+/-0.084 χ^2/NDF : 1015735.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.907+/-0.059 χ^2/NDF : 2115125.1/37

- 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: -661.820+/-117.027 χ^2/NDF : 57.6/19

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

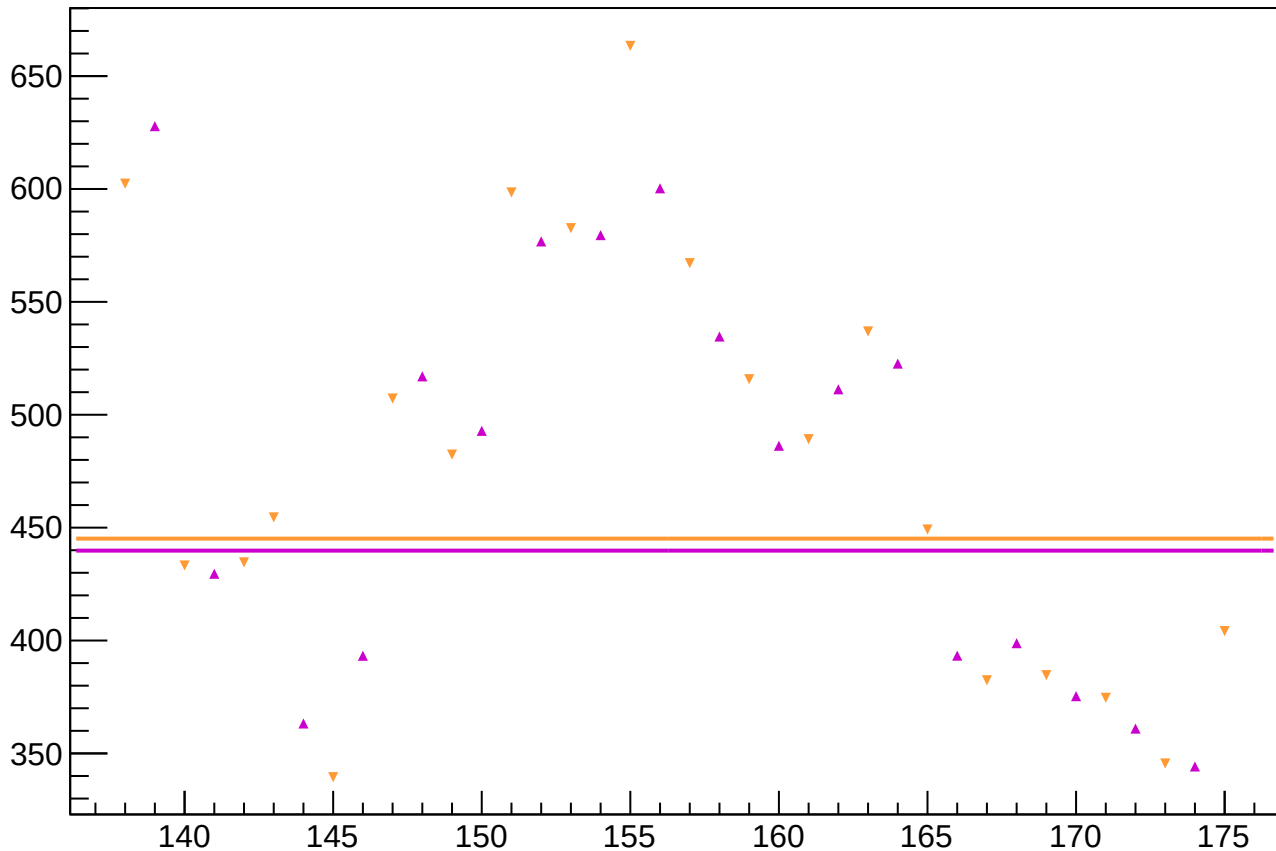
Left In: -60.206+/-119.137 χ^2/NDF : 17.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.388+/-83.487 χ^2/NDF : 88.4/37

- 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: 445.136+/-0.083 χ^2/NDF :1082417.6/19

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

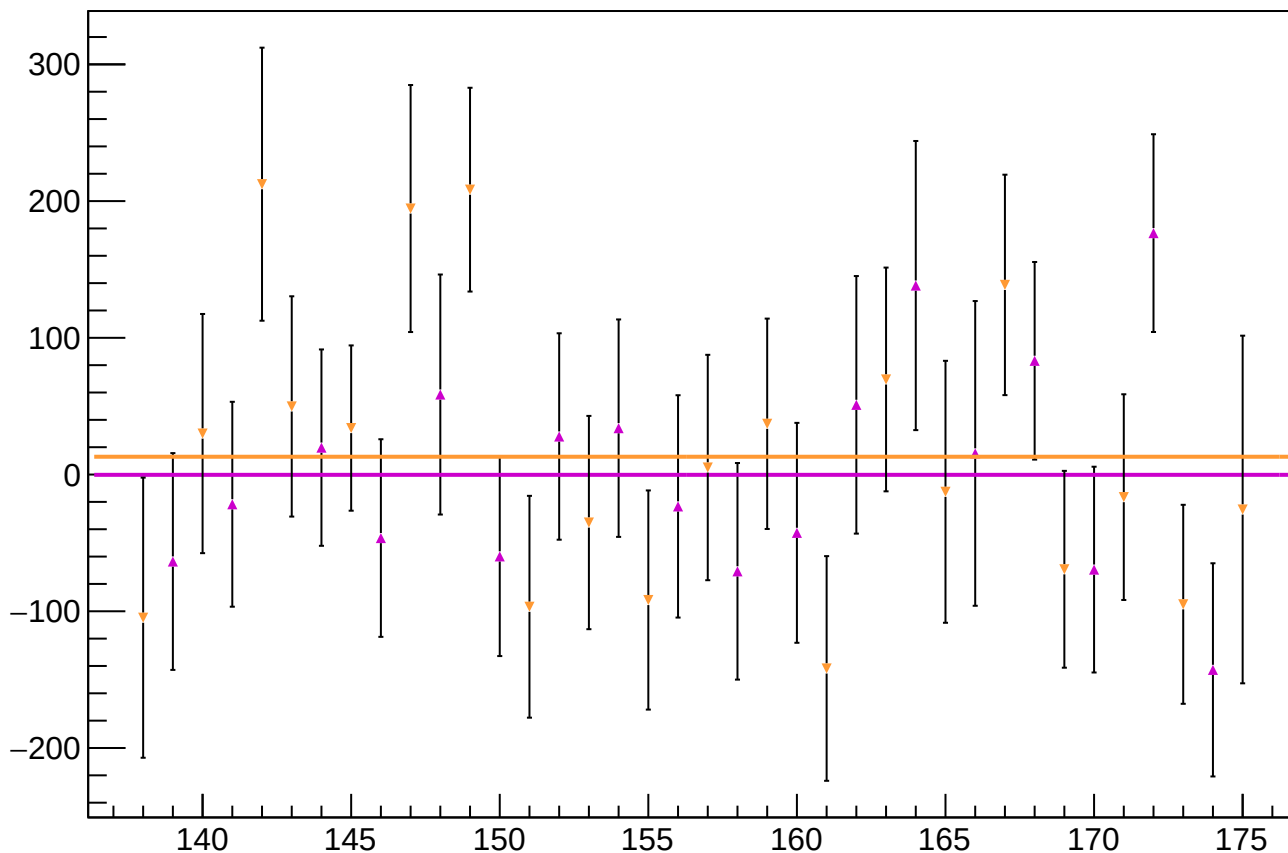
Left In: 439.820+/-0.084 χ^2/NDF :1003890.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.526+/-0.059 χ^2/NDF : 2088334.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 13.026 $\pm$ 18.180 χ^2 /NDF:30.9/19

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

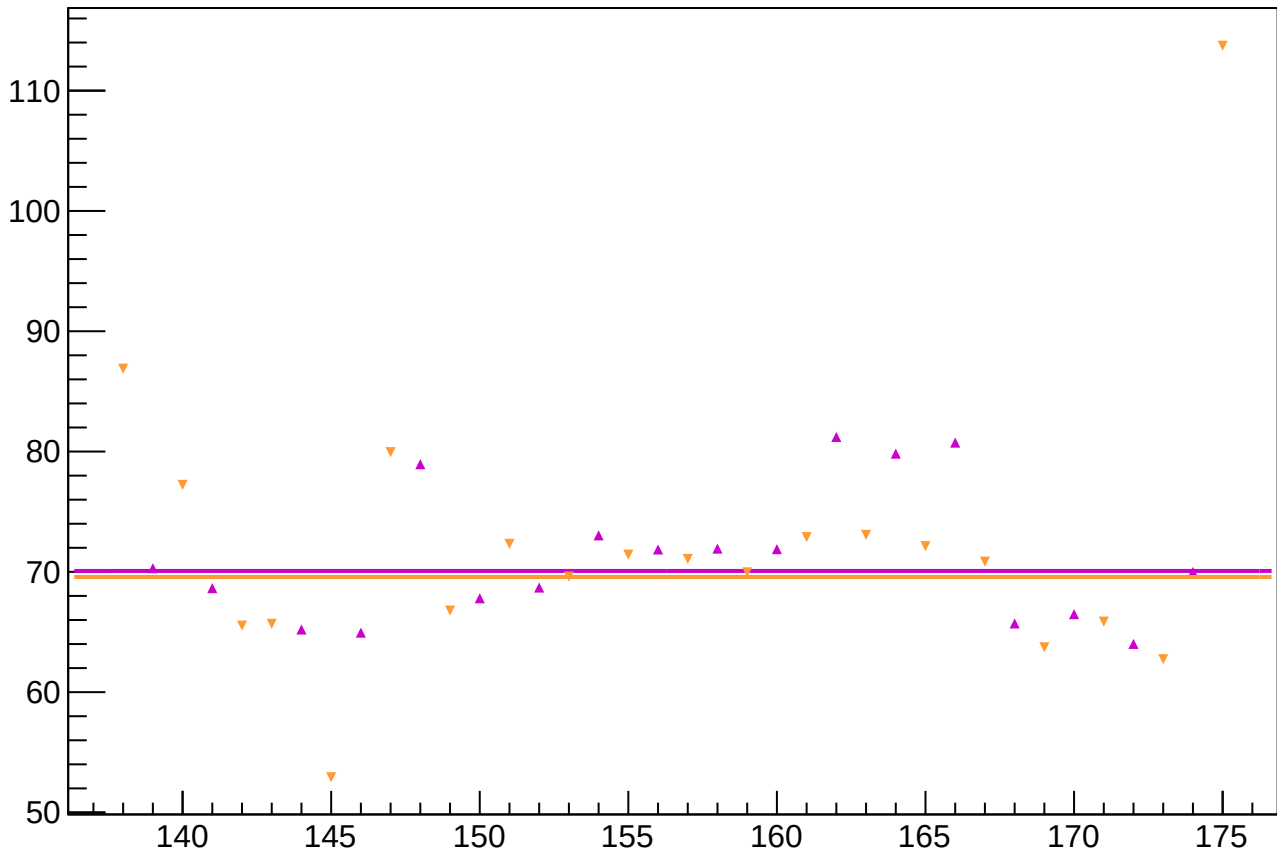
Left In: -0.210 $\pm$ 18.745 χ^2 /NDF:17.3/17

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

All: 6.610 $\pm$ 13.051 χ^2 /NDF: 48.5/37

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

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 69.574+/-0.013 χ^2/NDF : 551252.7/19

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

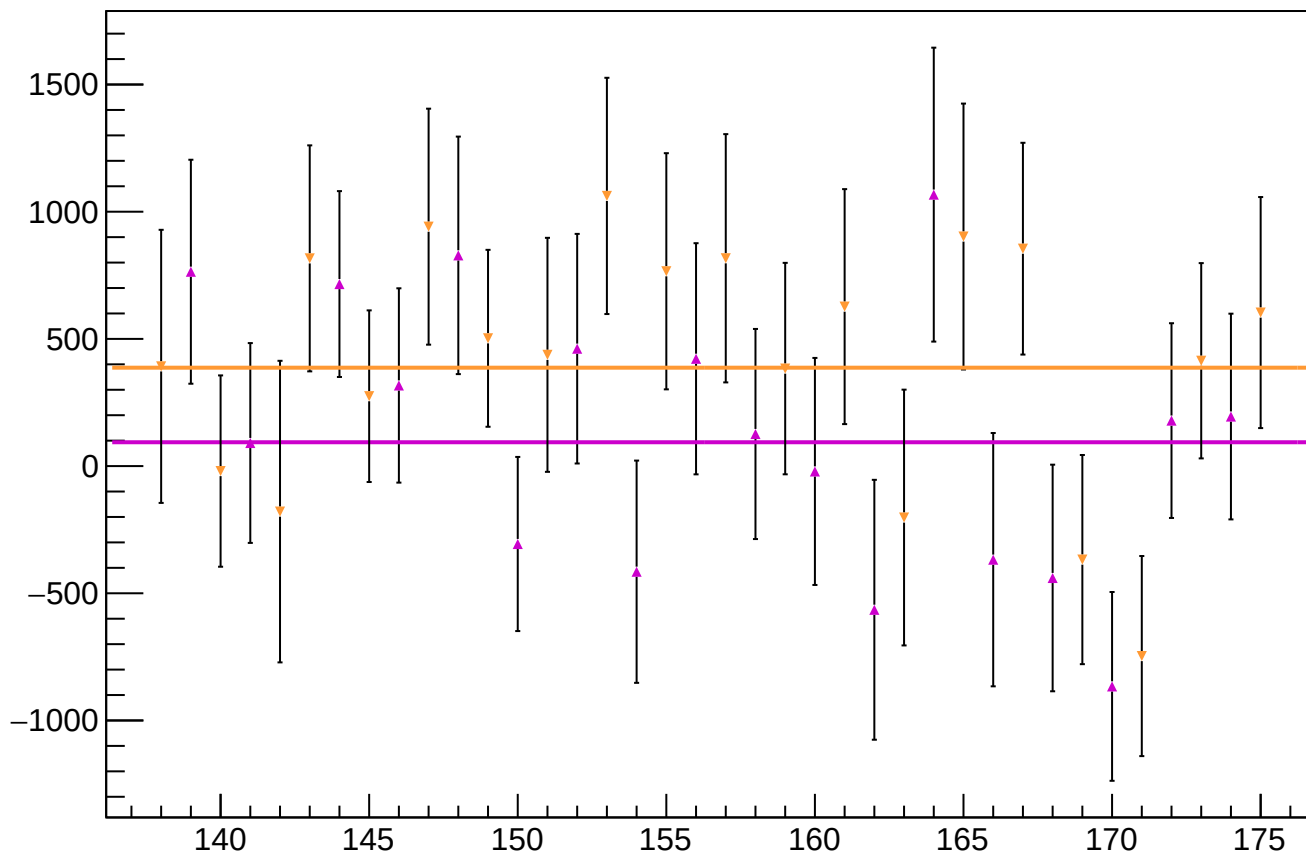
Left In: 70.076+/-0.013 χ^2/NDF : 138108.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.817+/-0.009 χ^2/NDF : 690101.8/37

- 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: 386.824+/-97.018 χ^2/NDF : 24.0/19

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

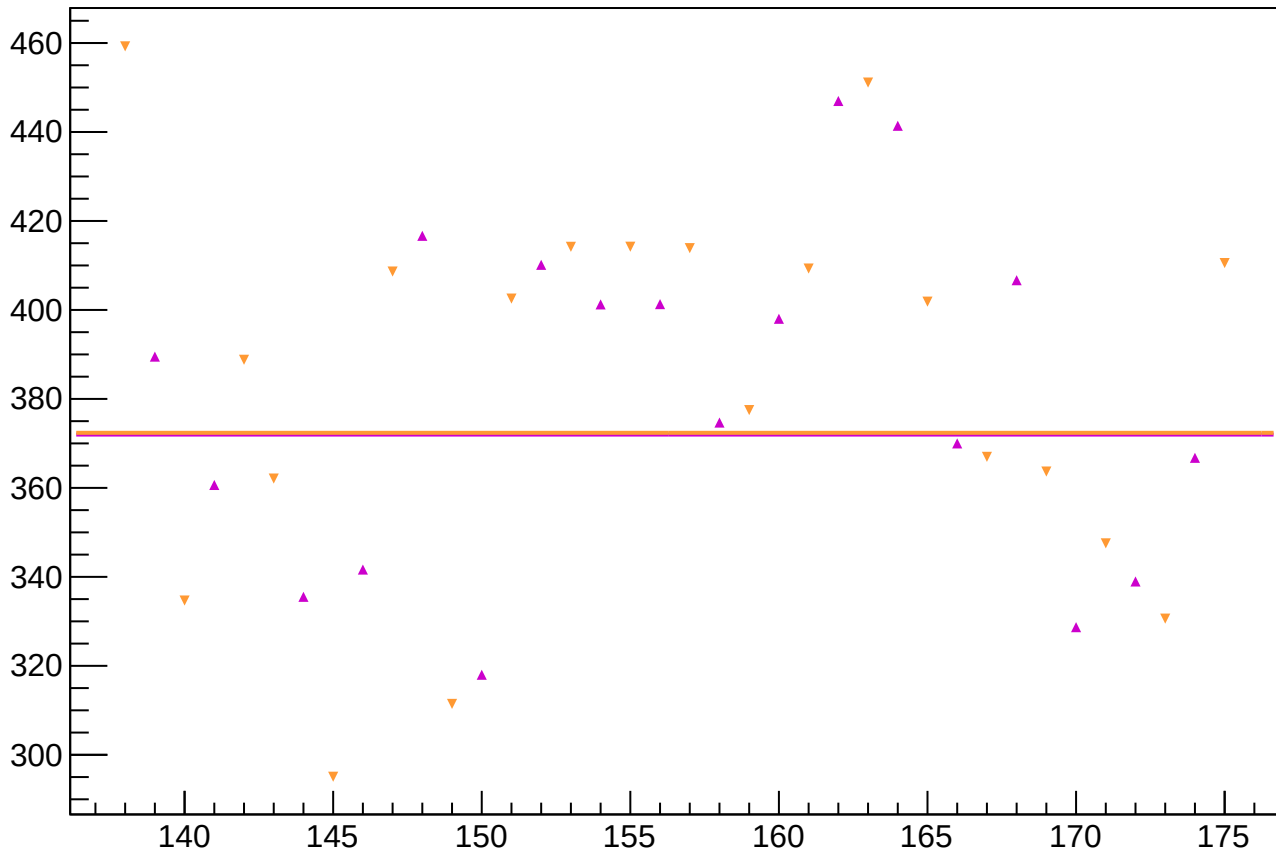
Left In: 93.705+/-99.456 χ^2/NDF : 25.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.902+/-69.448 χ^2/NDF : 54.1/37

- 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: 372.382+/-0.069 χ^2/NDF : 424778.7/19

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

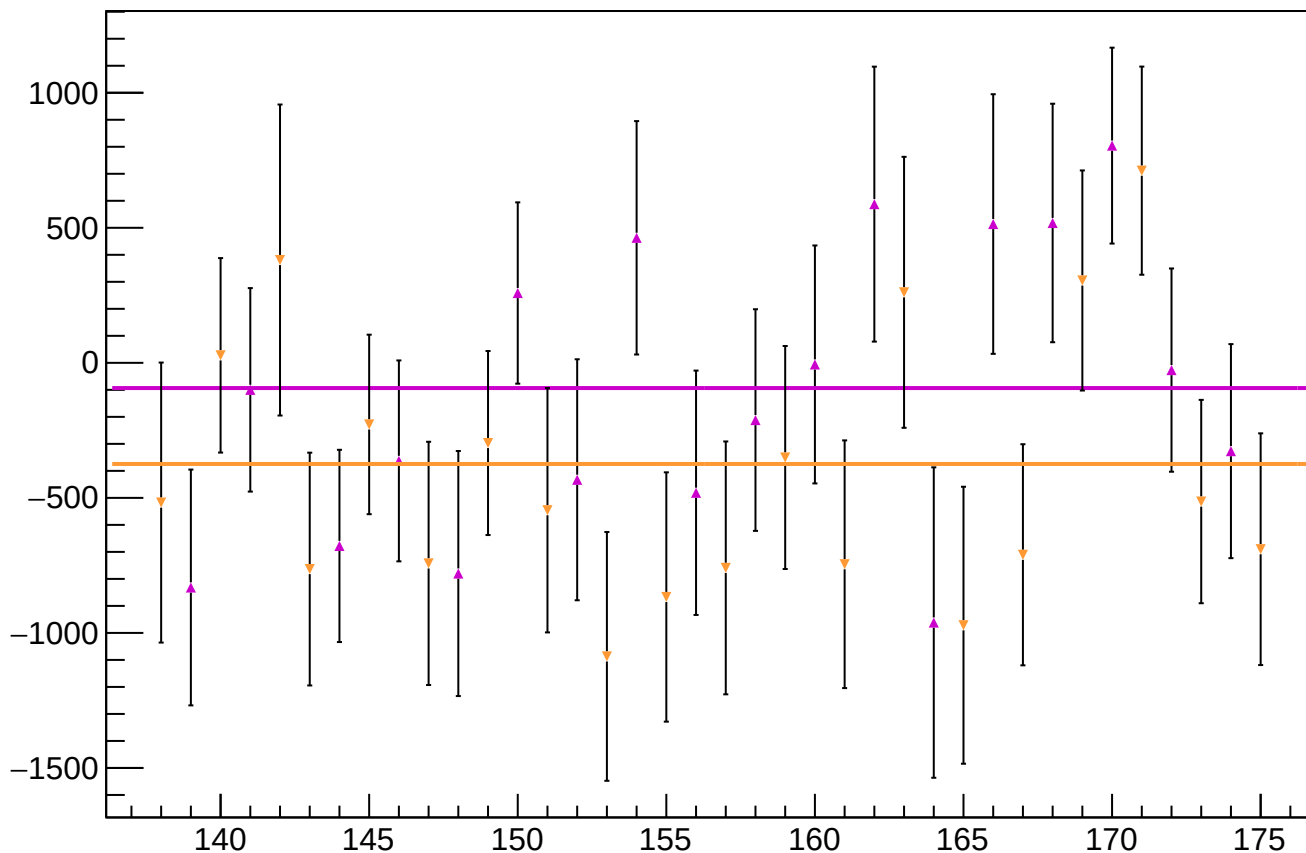
Left In: 371.984+/-0.070 χ^2/NDF : 270524.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.188+/-0.049 χ^2/NDF : 695319.9/37

- 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: -374.437+/-94.955 χ^2/NDF : 24.8/19

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

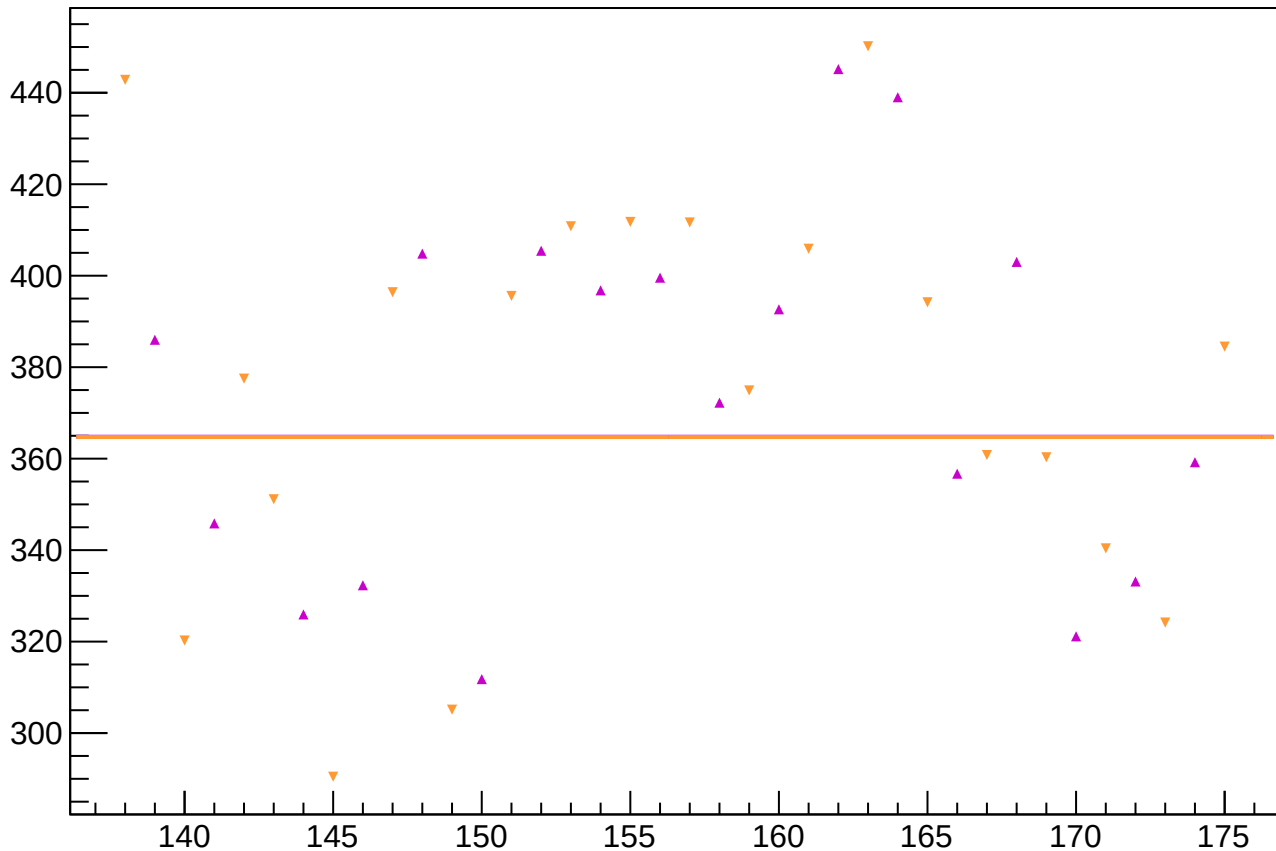
Left In: -93.376+/-97.645 χ^2/NDF : 26.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.831+/-68.074 χ^2/NDF : 55.7/37

- 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: 364.724+/-0.067 χ^2/NDF : 437846.2/19

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

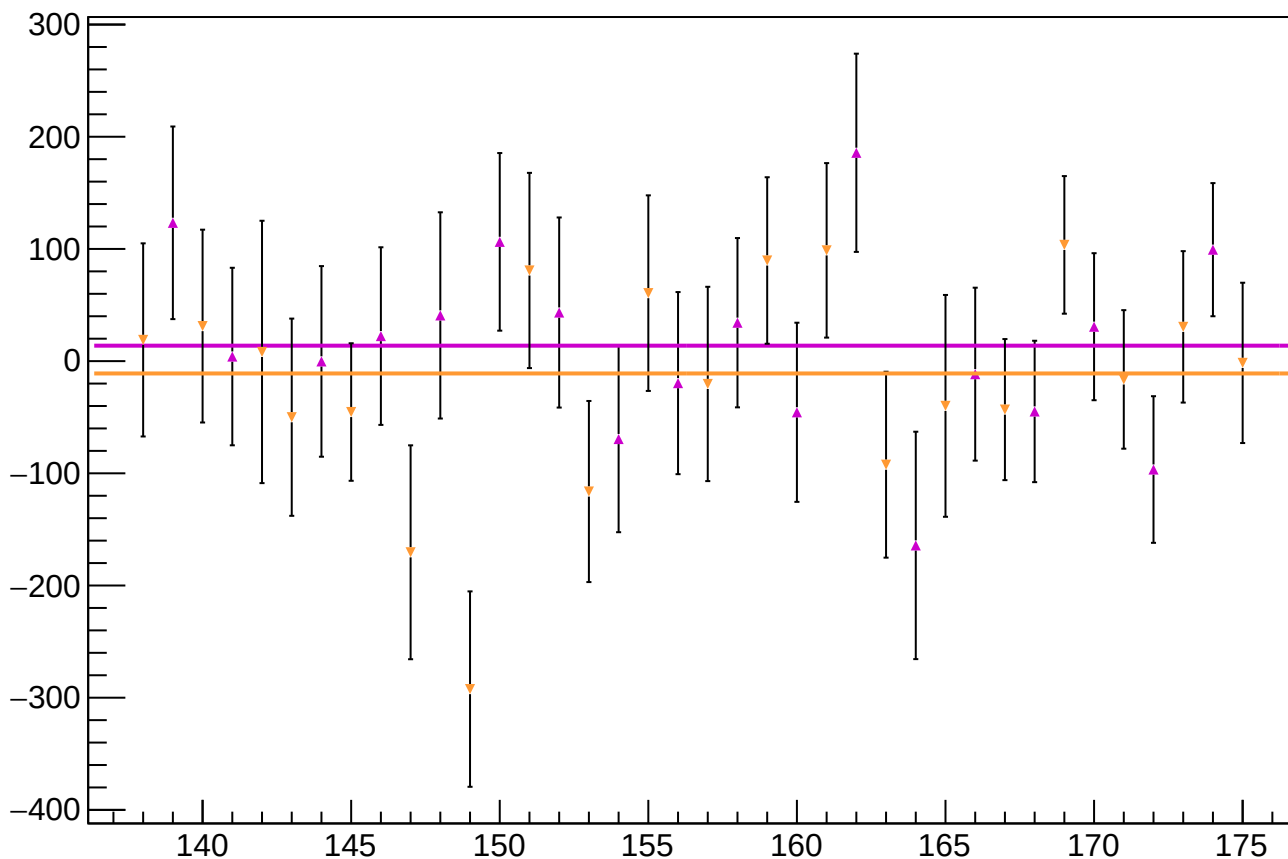
Left In: 364.788+/-0.069 χ^2/NDF : 304620.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.755+/-0.048 χ^2/NDF : 742467.0/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -10.991 $\pm$ 17.347 χ^2 /NDF:26.7/19

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

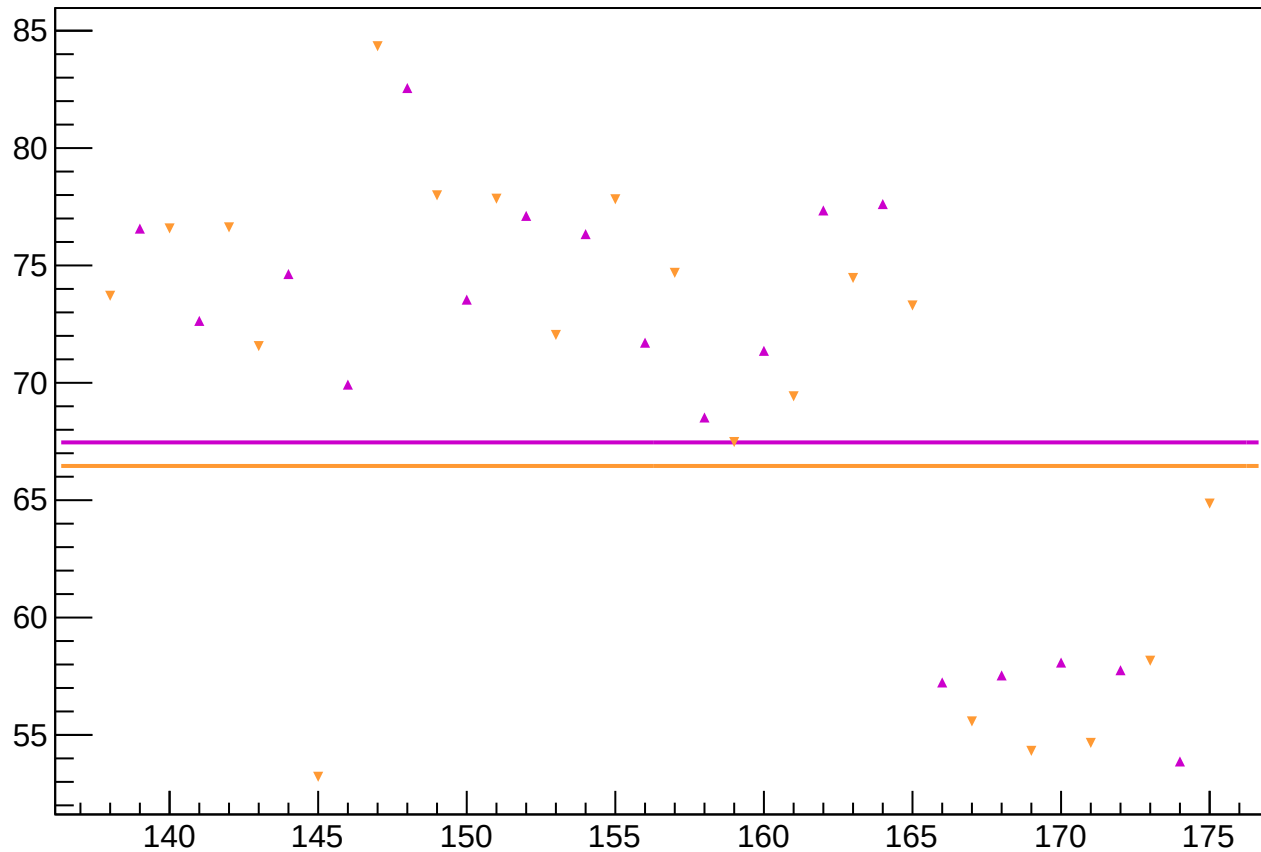
Left In: 13.778 $\pm$ 18.146 χ^2 /NDF:17.9/17

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

All: 0.836 $\pm$ 12.539 χ^2 /NDF: 45.5/37

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

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 66.458+/-0.012 χ^2/NDF :632368.8/19

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

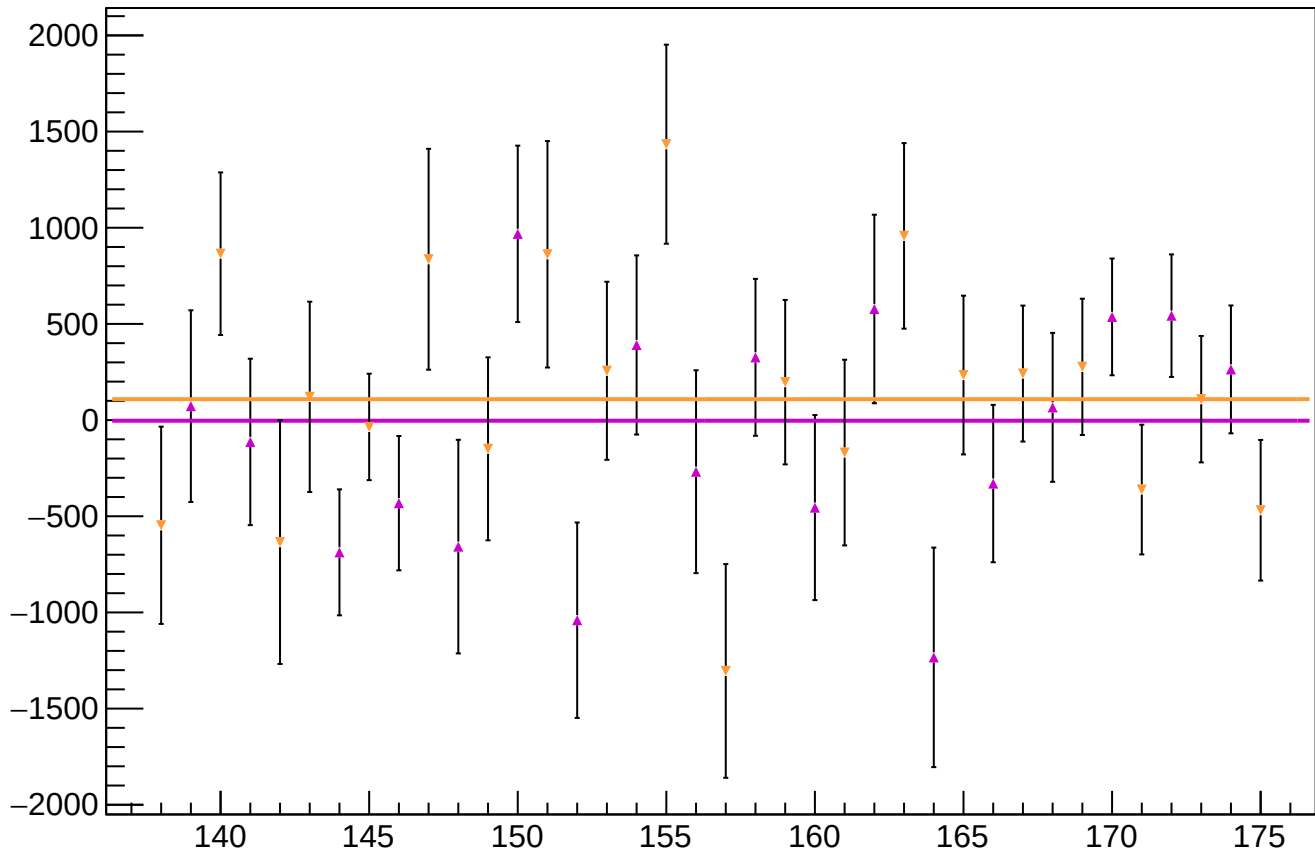
Left In: 67.462+/-0.013 χ^2/NDF :492377.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.937+/-0.009 χ^2/NDF : 1127942.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 108.595 $\pm$ 94.295 χ^2 /NDF:31.5/19

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

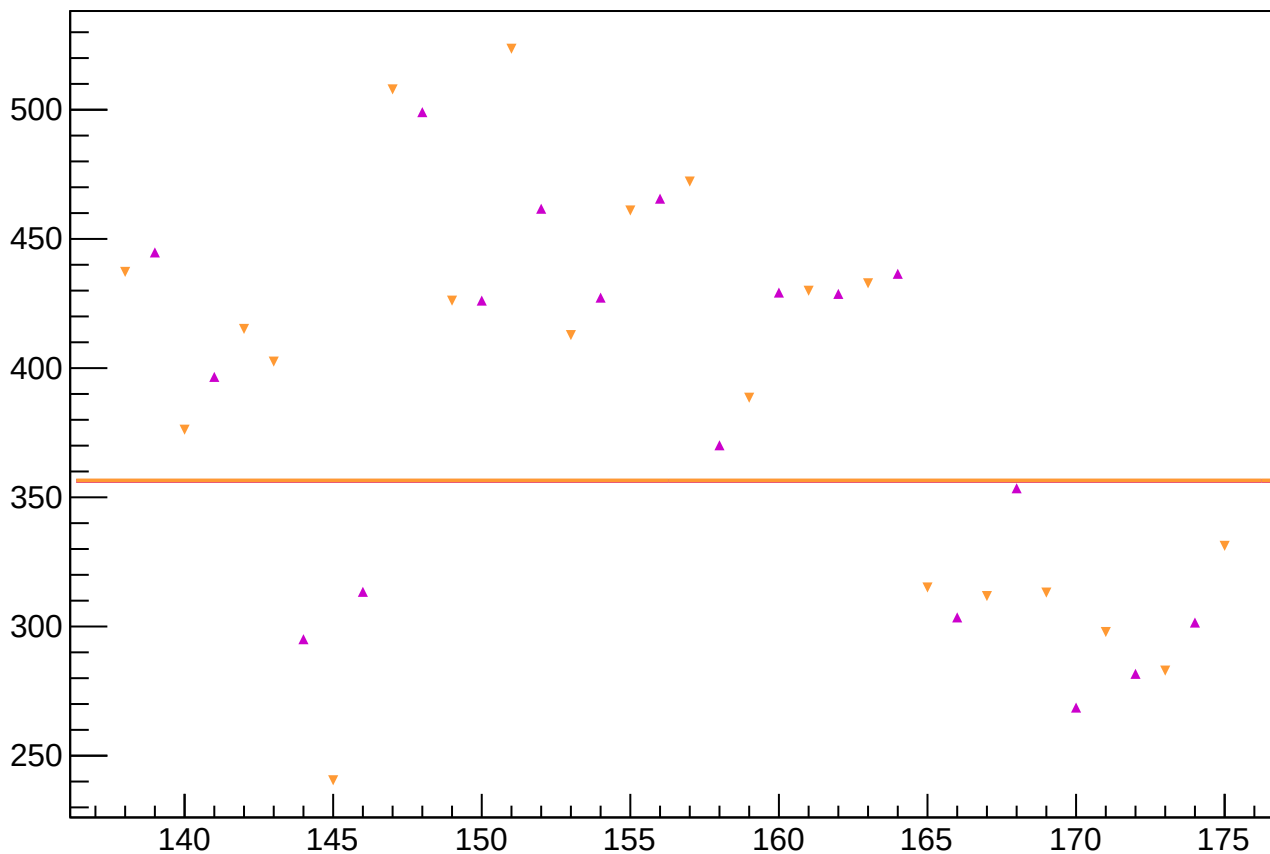
Left In: -3.268 $\pm$ 96.695 χ^2 /NDF:32.0/17

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

All: 54.069 $\pm$ 67.509 χ^2 /NDF: 64.2/37

- sign 0.000 $\pm$ 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: 356.482+/-0.067 χ^2/NDF :1341192.2/19

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

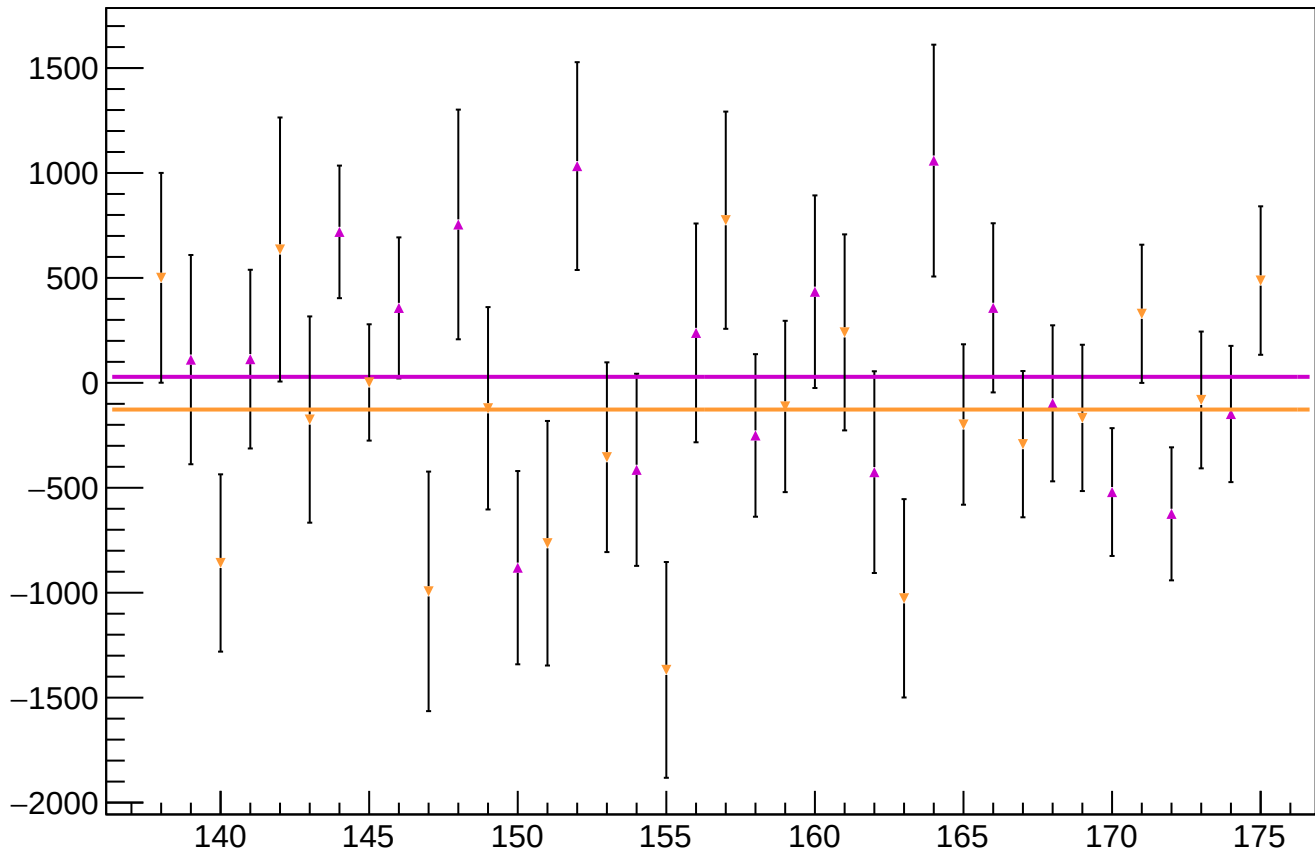
Left In: 356.323+/-0.068 χ^2/NDF :1073334.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.404+/-0.048 χ^2/NDF : 2414529.1/37

- 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: -127.214 $\pm$ 92.441 χ^2 /NDF:28.4/19

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

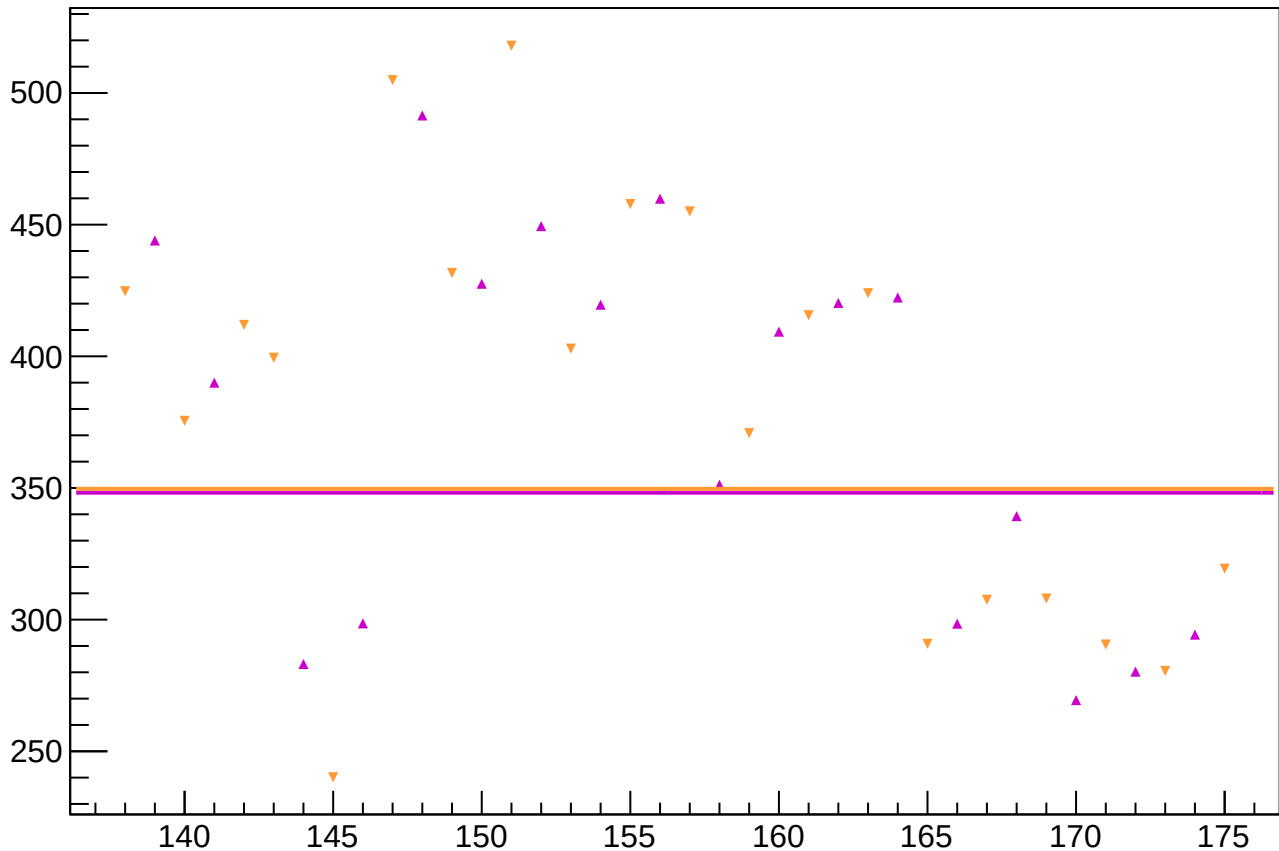
Left In: 28.675 $\pm$ 94.640 χ^2 /NDF:30.9/17

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

All: -51.102 $\pm$ 66.129 χ^2 /NDF: 60.7/37

- 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: 349.676+/-0.065 χ^2/NDF :1346009.5/19

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

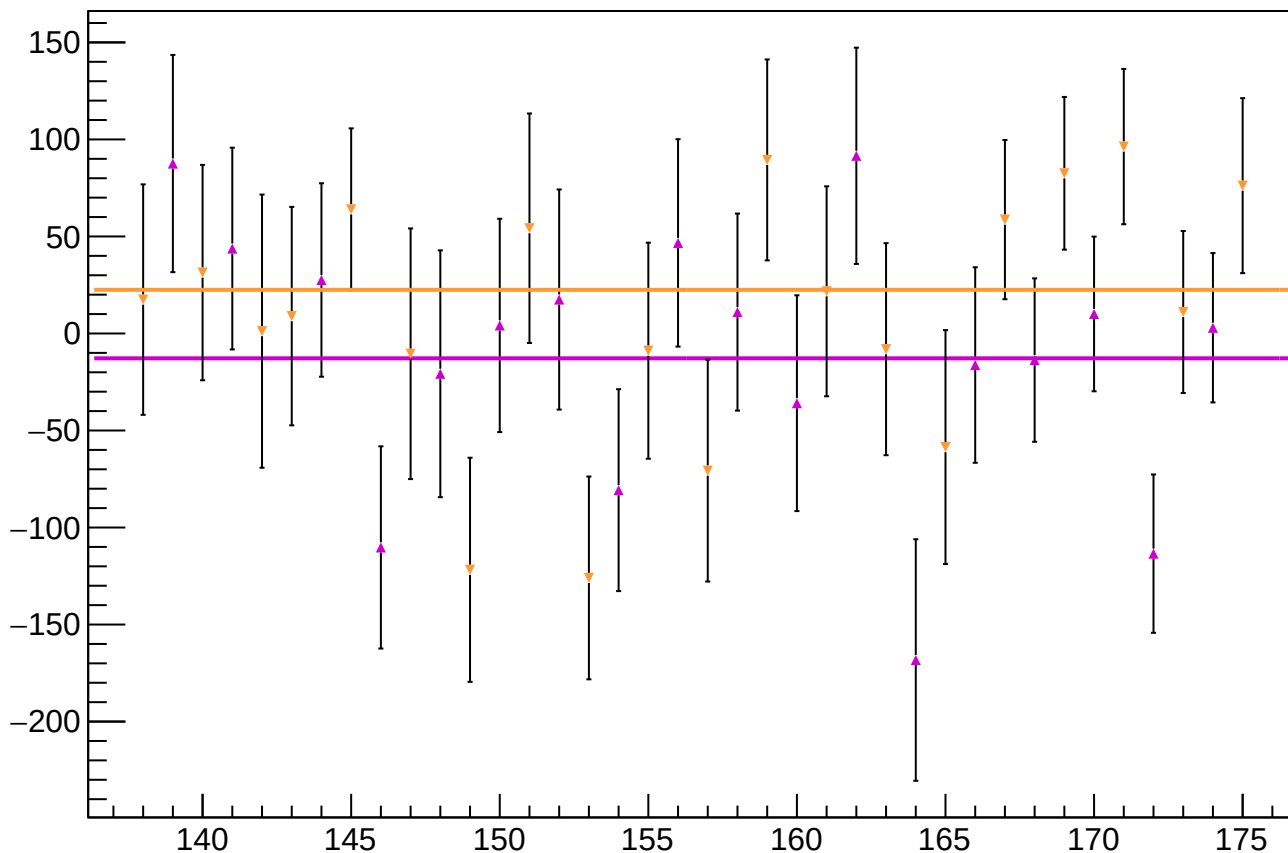
Left In: 348.208+/-0.067 χ^2/NDF :1071171.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.959+/-0.047 χ^2/NDF : 2417427.6/37

- 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: 22.493 $\pm$ 11.341 χ^2 /NDF:30.8/19

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

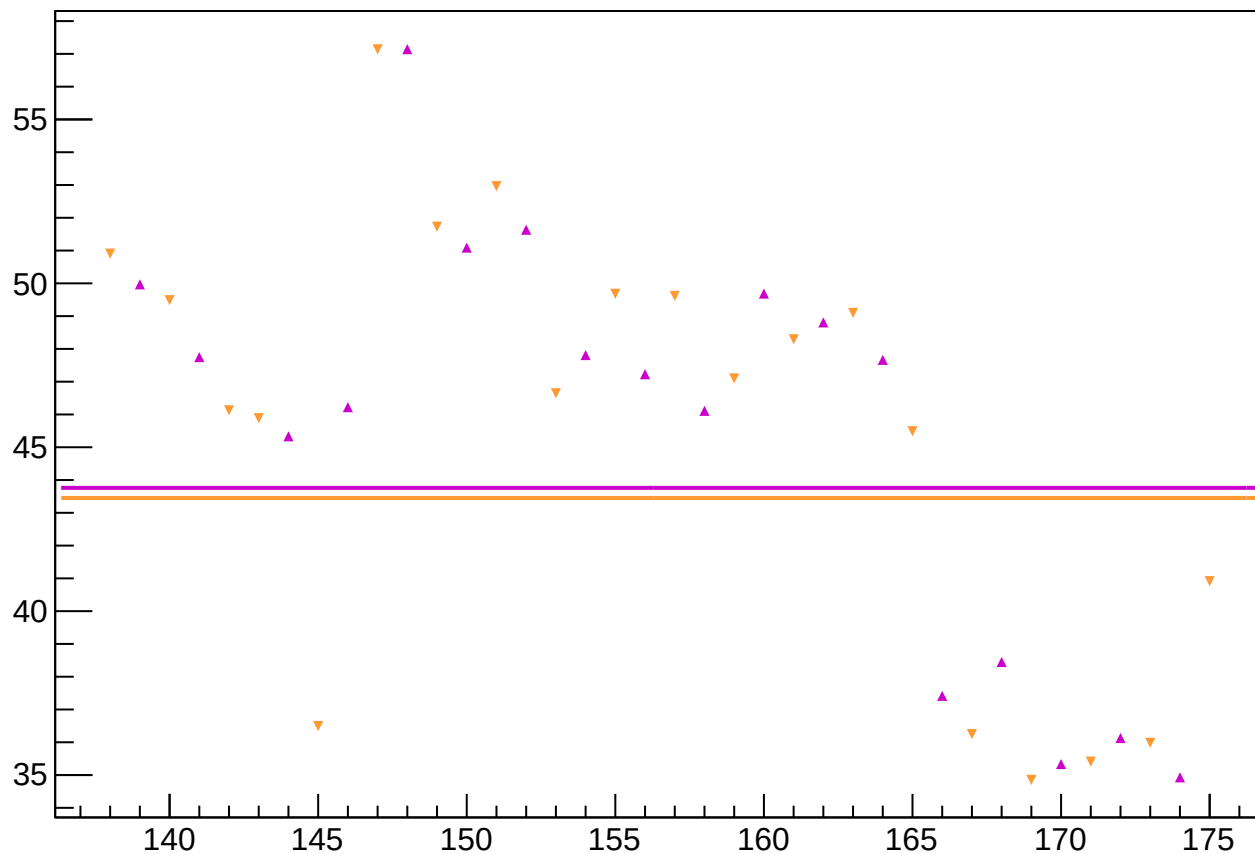
Left In: -12.799 $\pm$ 11.766 χ^2 /NDF:28.6/17

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

All: 5.496 $\pm$ 8.165 χ^2 /NDF: 64.1/37

- 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: 43.453+/-0.008 χ^2/NDF : 713671.4/19

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

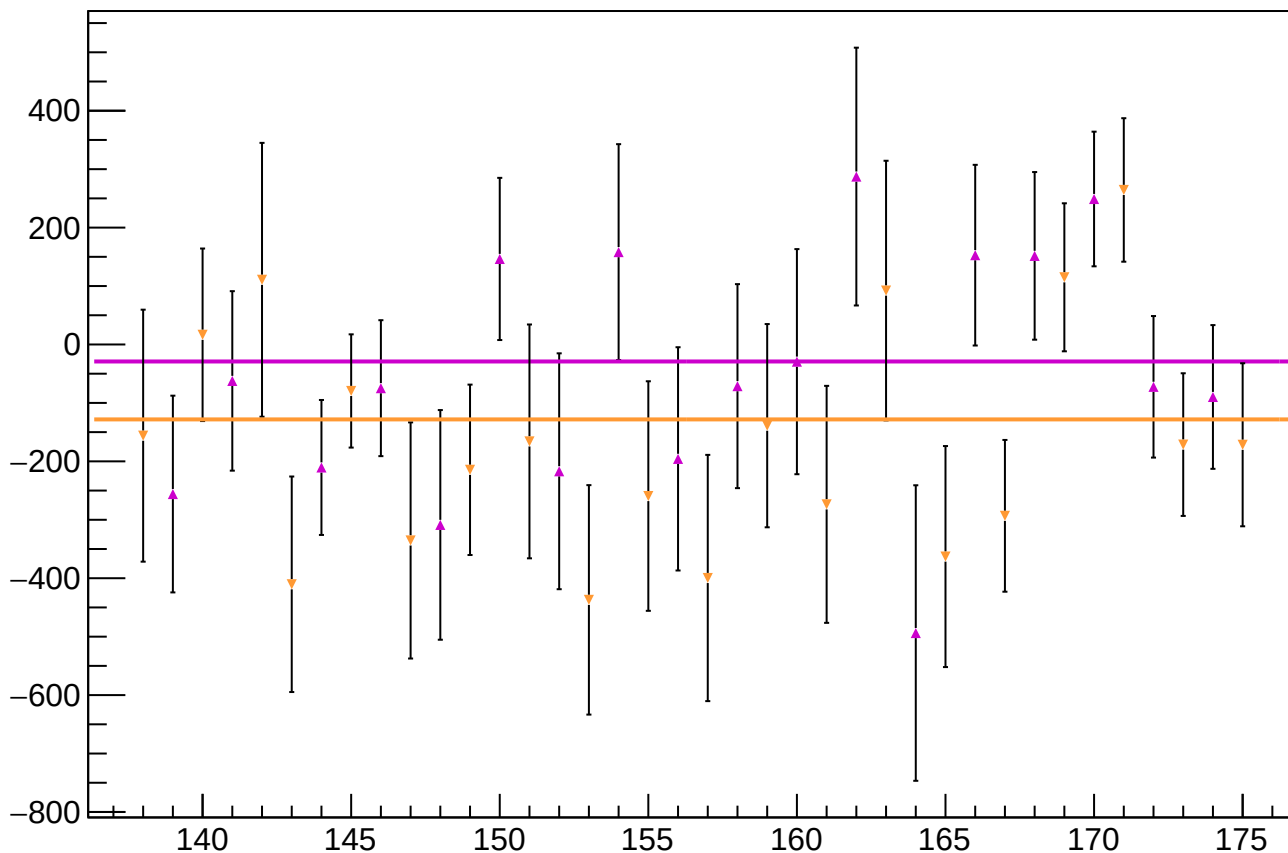
Left In: 43.762+/-0.008 χ^2/NDF : 605528.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.602+/-0.006 χ^2/NDF : 1319912.9/37

- 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: -128.223+/-35.255 χ^2/NDF : 29.4/19

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

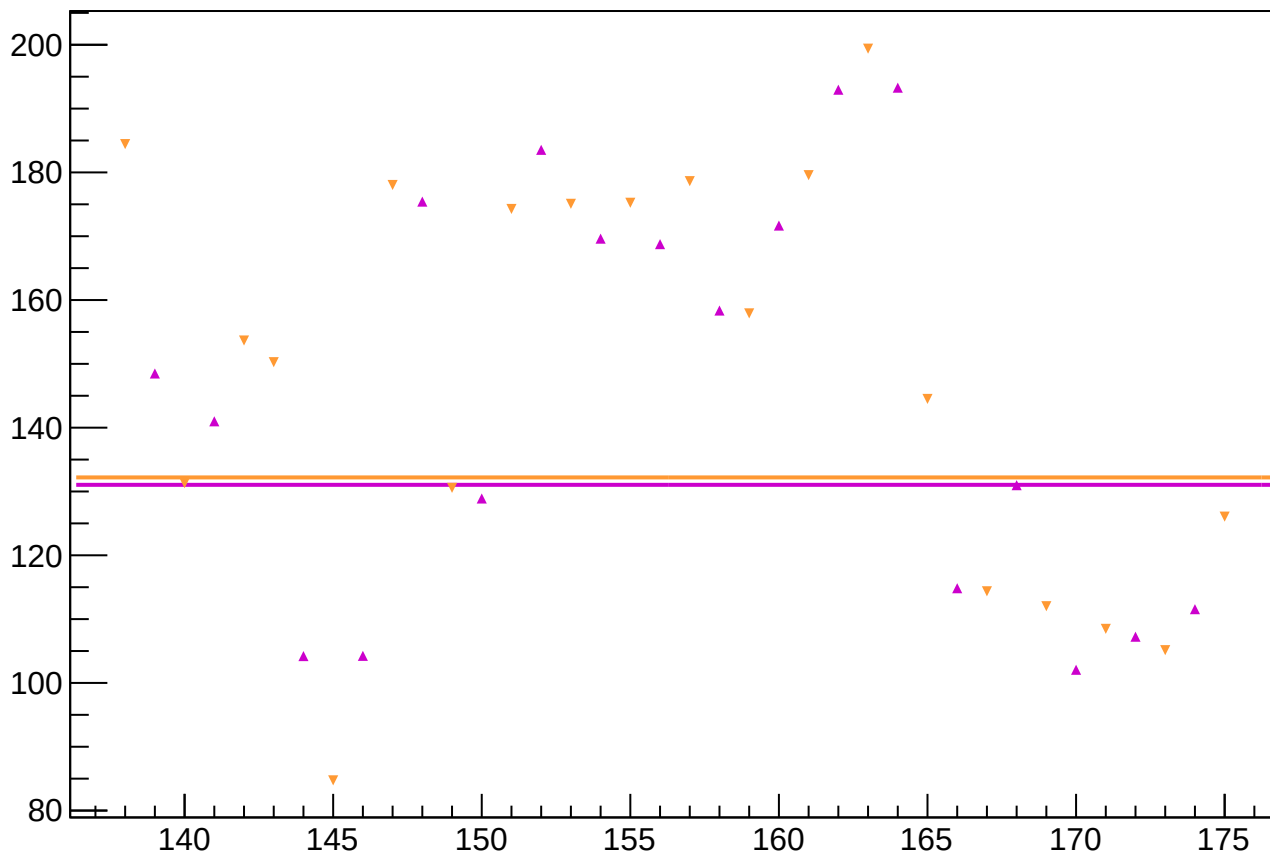
Left In: -29.084+/-35.766 χ^2/NDF : 25.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.366+/-25.108 χ^2/NDF : 58.7/37

- 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: 132.205+/-0.025 χ^2/NDF : 1723278.1/19

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

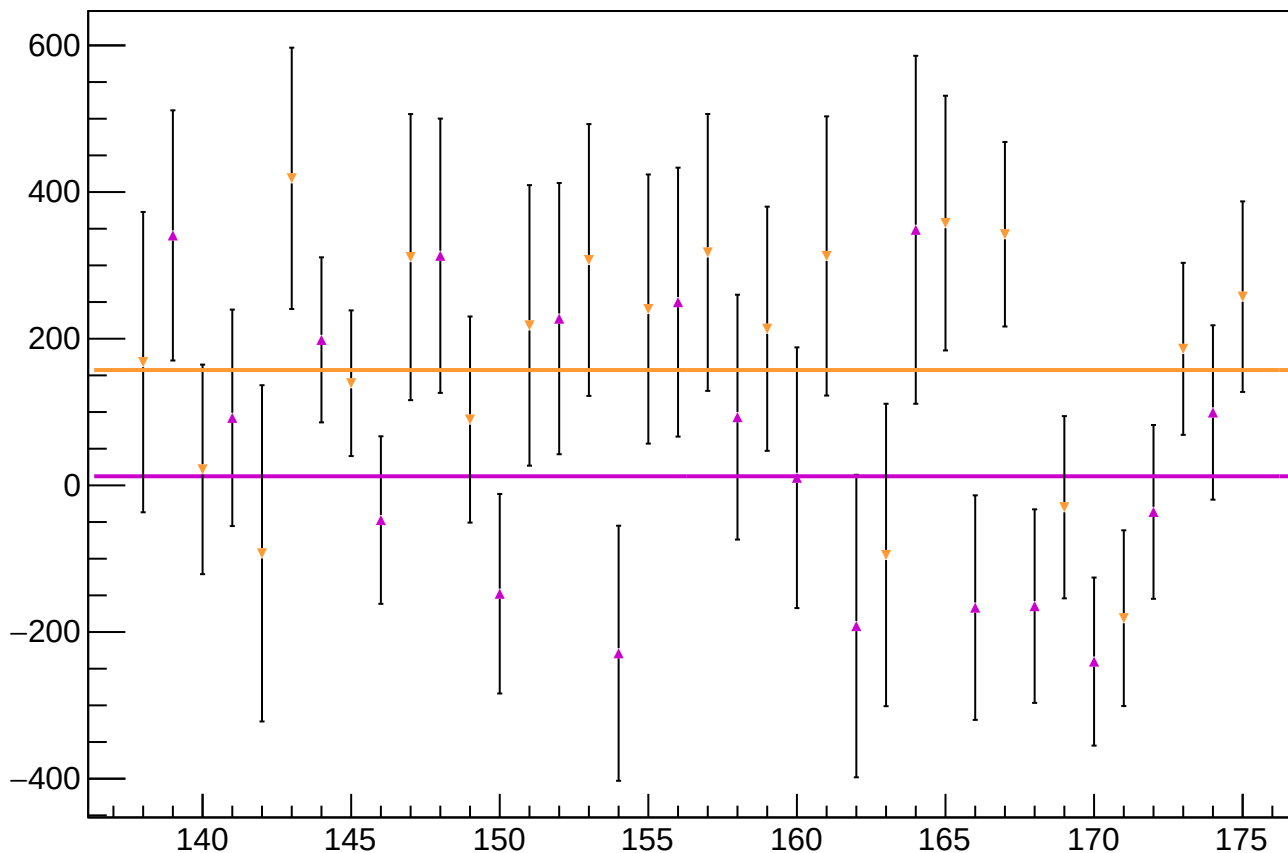
Left In: 131.042+/-0.025 χ^2/NDF : 1339732.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.632+/-0.018 χ^2/NDF : 3064082.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 157.274 $\pm$ 33.989 χ^2 /NDF:23.5/19

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

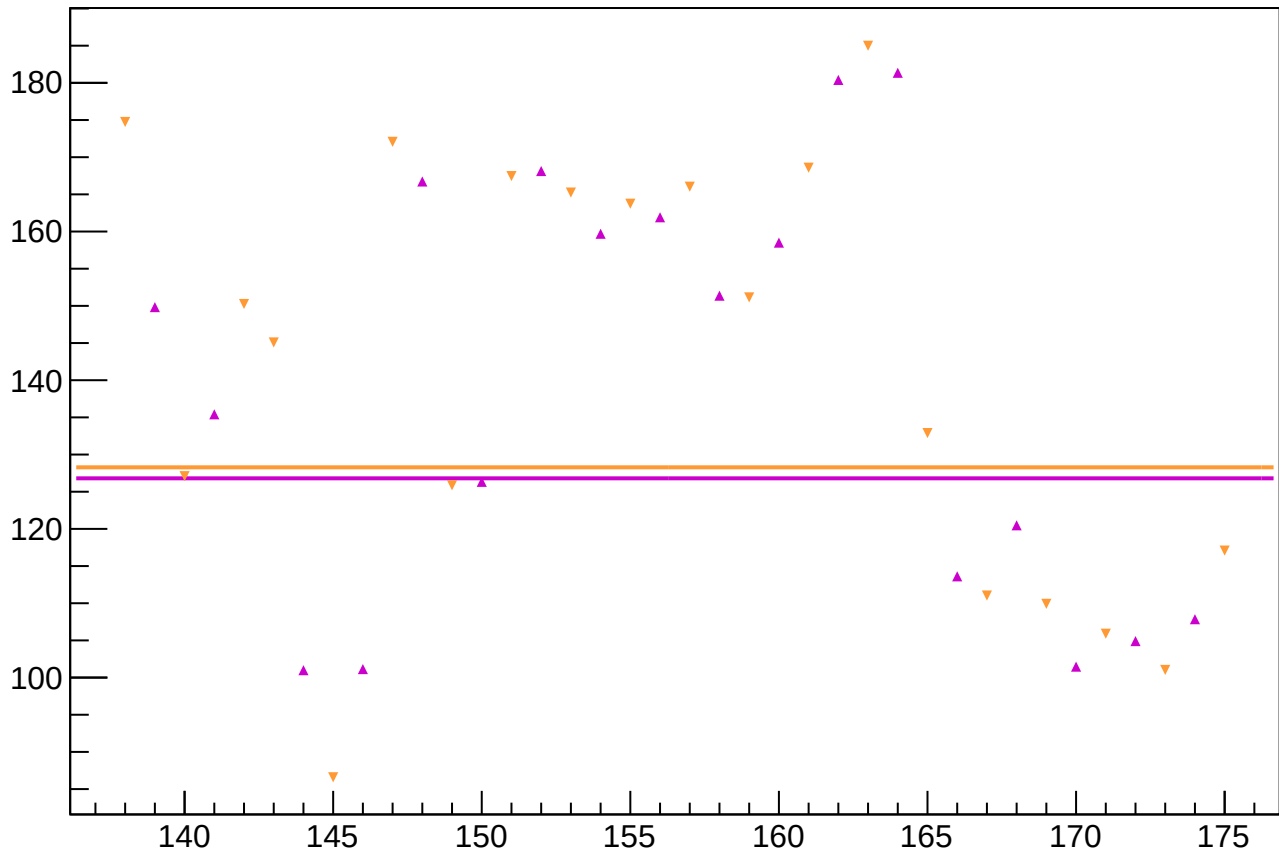
Left In: 12.422 $\pm$ 34.557 χ^2 /NDF:27.9/17

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

All: 86.047 $\pm$ 24.232 χ^2 /NDF: 60.3/37

- sign 0.000 $\pm$ 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: 128.282+/-0.024 χ^2/NDF :1464939.5/19

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

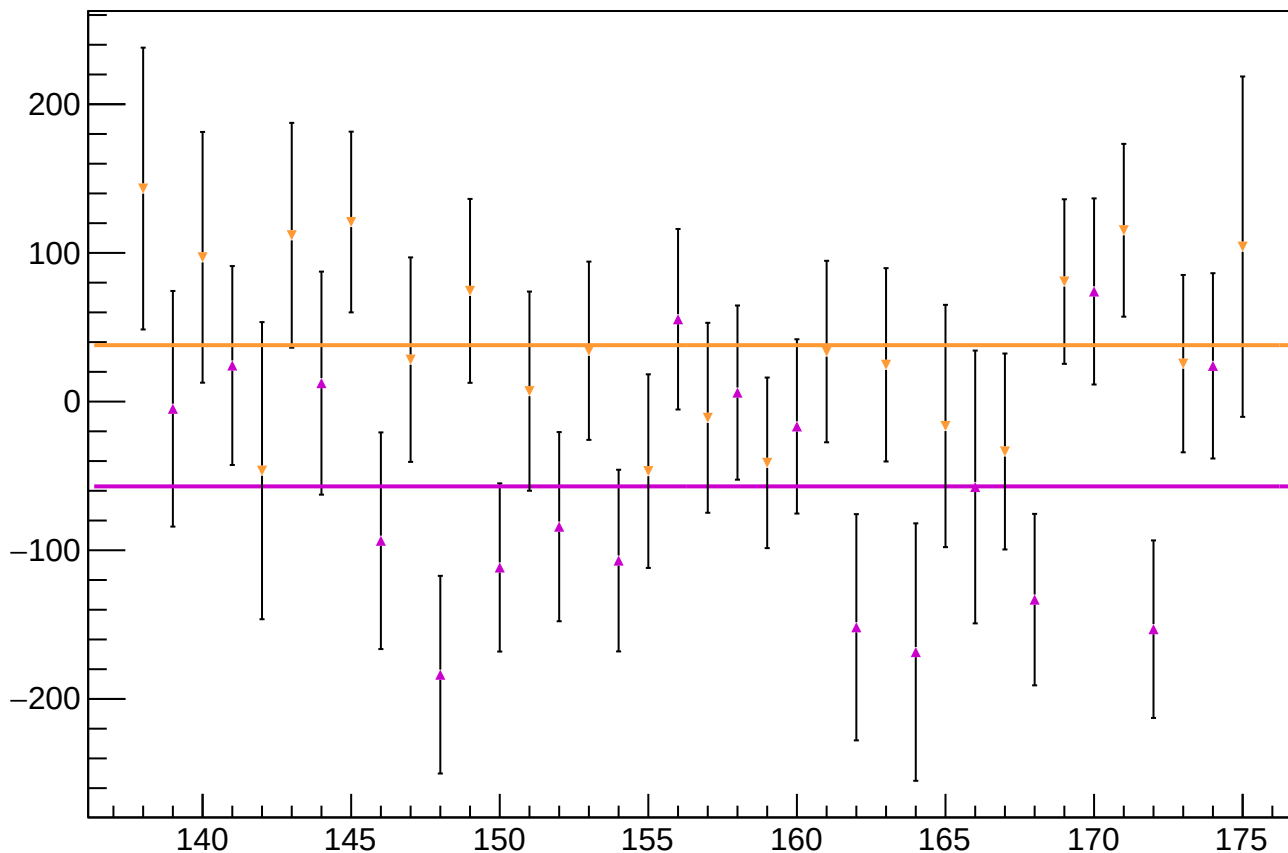
Left In: 126.802+/-0.024 χ^2/NDF :1169229.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.554+/-0.017 χ^2/NDF : 2636033.4/37

- 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: 37.941 $\pm$ 15.037 χ^2 /NDF:14.4/19

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

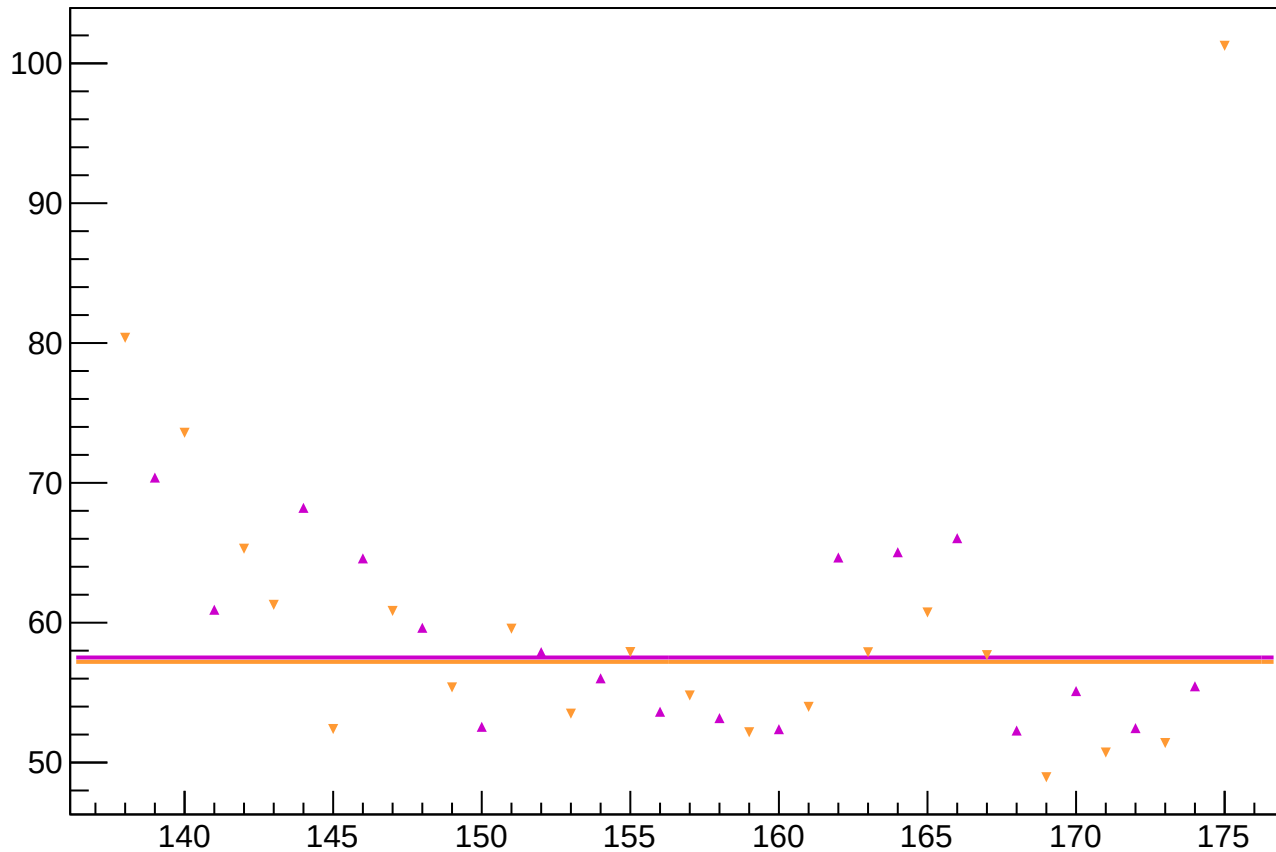
Left In: -57.028 $\pm$ 15.476 χ^2 /NDF:27.1/17

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

All: -8.178 $\pm$ 10.785 χ^2 /NDF: 60.9/37

- 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: 57.199+/-0.011 χ^2/NDF : 656749.2/19

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

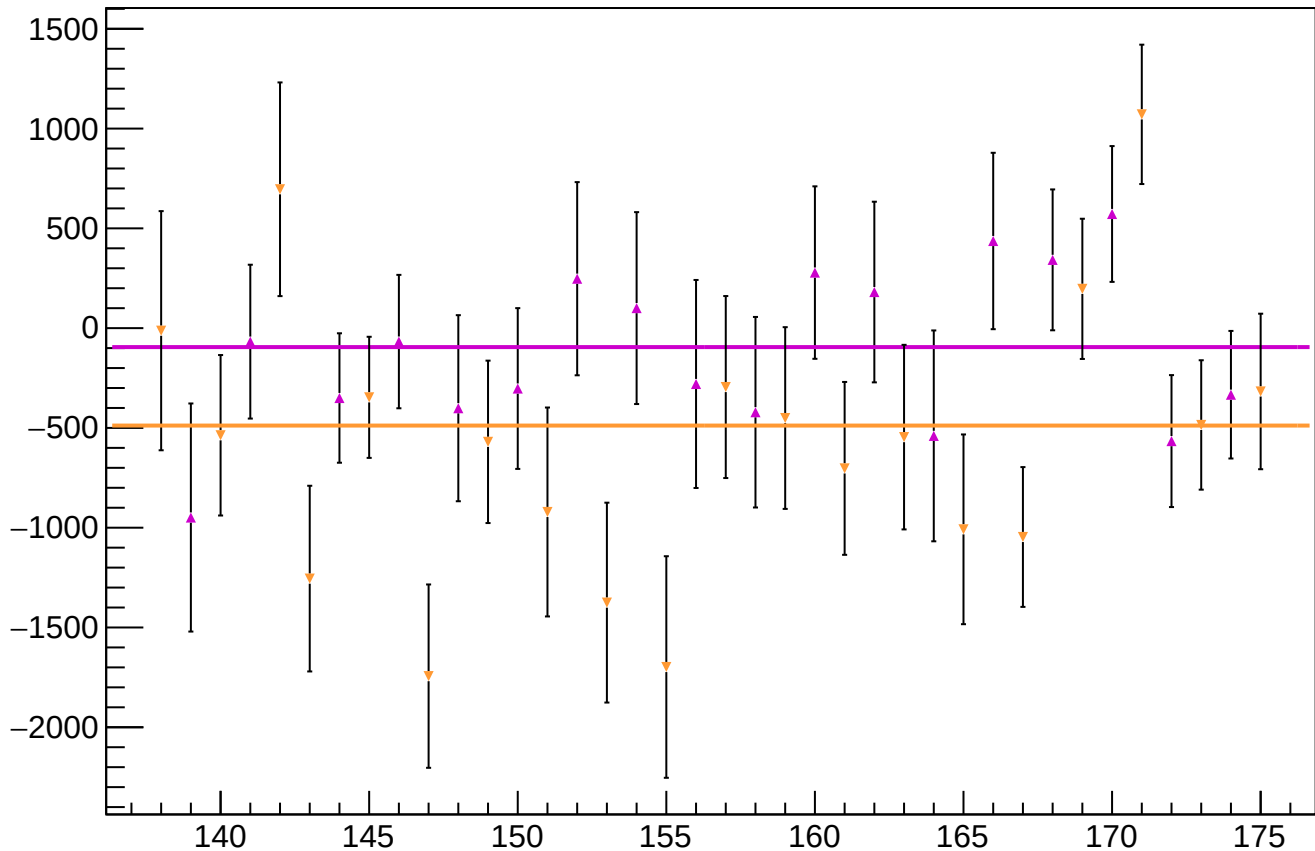
Left In: 57.511+/-0.011 χ^2/NDF : 256596.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.350+/-0.008 χ^2/NDF : 913764.1/37

- 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: -488.195+/-93.569 χ^2/NDF : 52.7/19

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

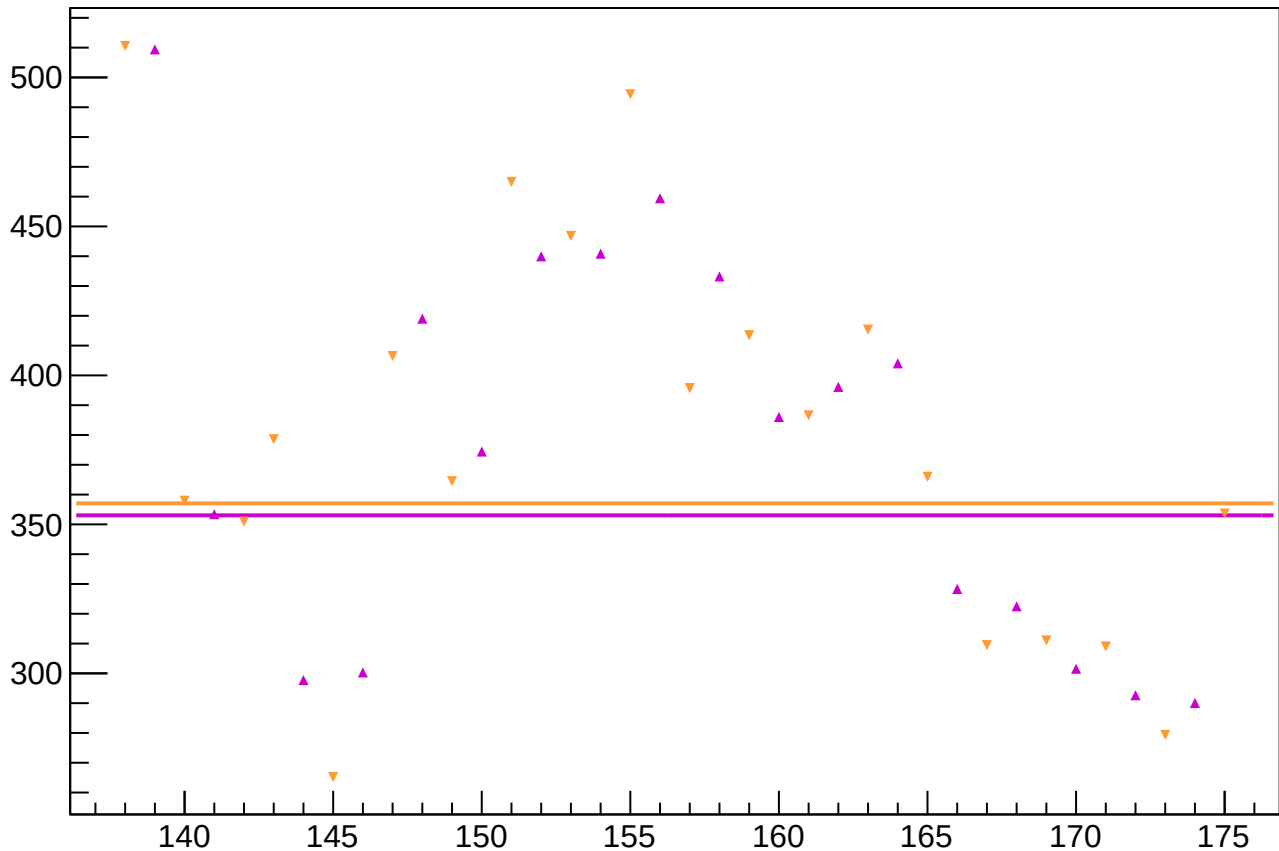
Left In: -94.979+/-95.253 χ^2/NDF : 16.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -295.094+/-66.751 χ^2/NDF : 77.4/37

- 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: 357.057+/-0.066 χ^2/NDF : 925677.3/19

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

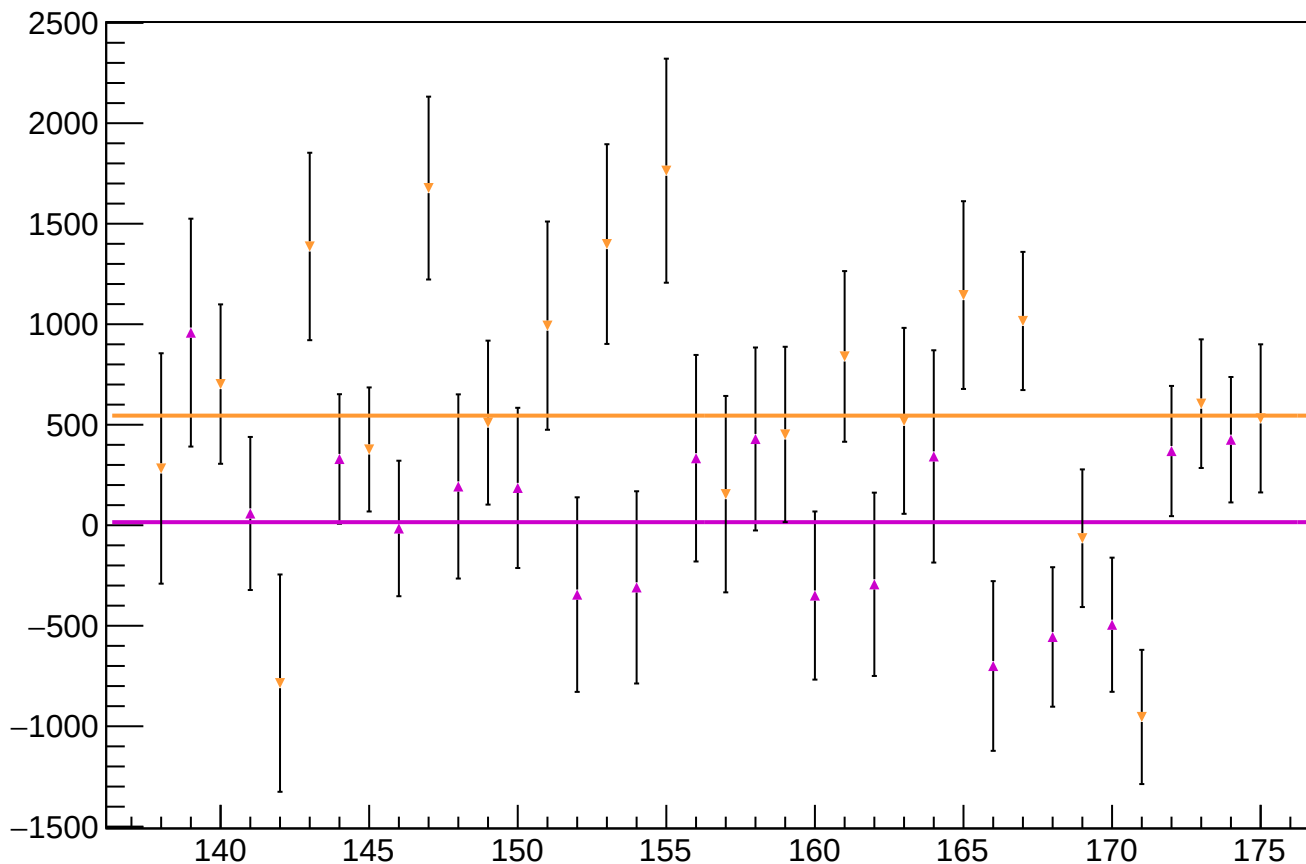
Left In: 353.031+/-0.067 χ^2/NDF : 834189.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.080+/-0.047 χ^2/NDF : 1761685.4/37

- 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: 545.368+/-92.397 χ^2/NDF : 52.7/19

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

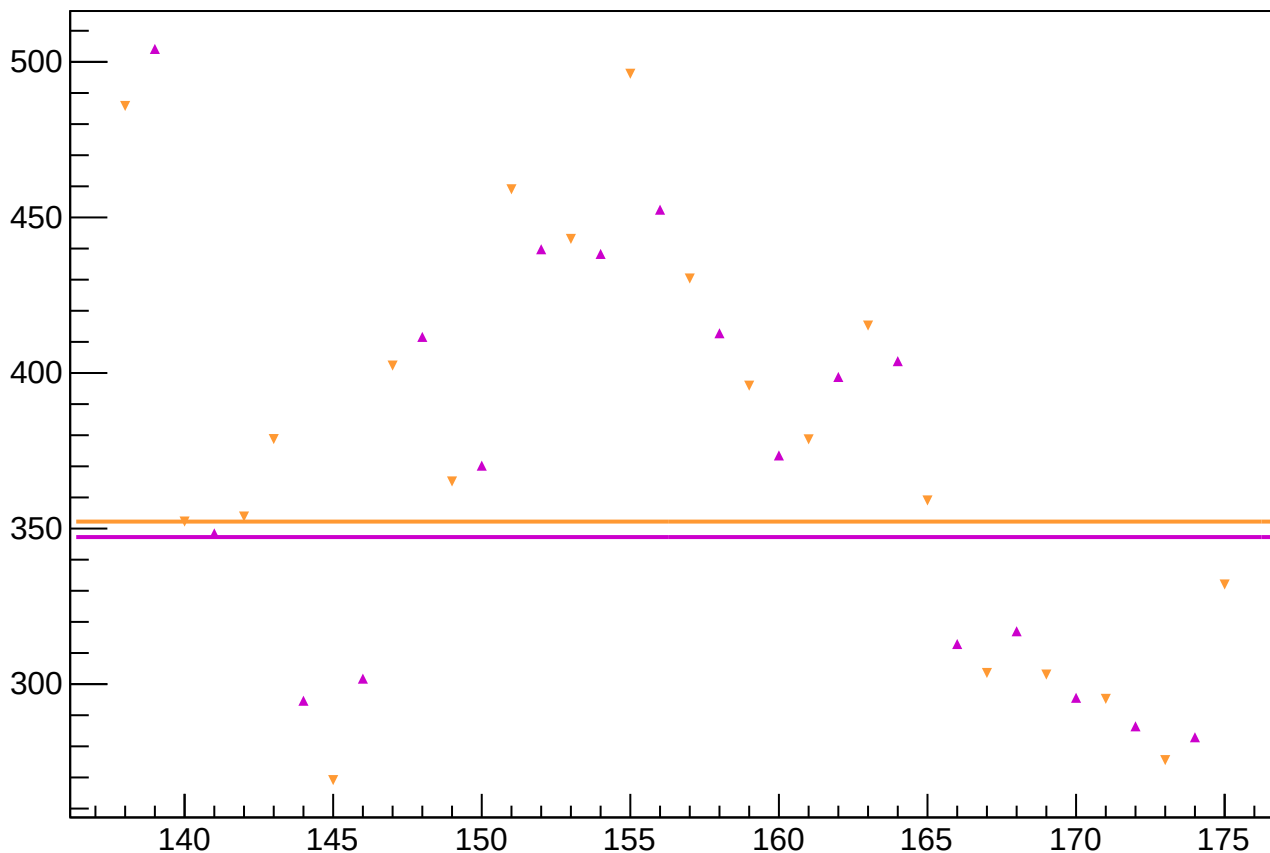
Left In: 15.304+/-93.827 χ^2/NDF : 18.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.407+/-65.834 χ^2/NDF : 87.7/37

- 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: 352.242+/-0.065 χ^2/NDF : 948846.0/19

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

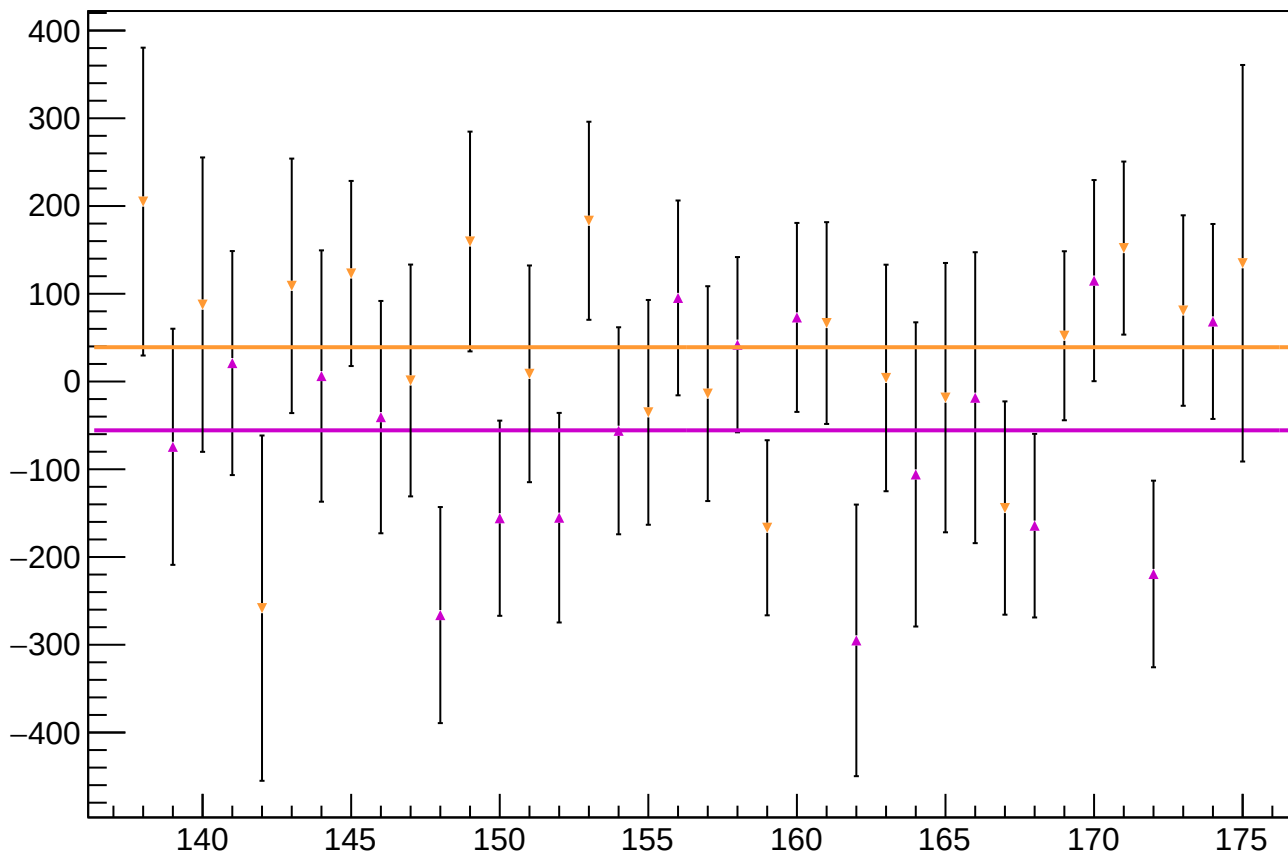
Left In: 347.265+/-0.066 χ^2/NDF : 848328.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.792+/-0.047 χ^2/NDF : 1800031.9/37

- 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: 39.093 $\pm$ 27.892 χ^2 /NDF:15.8/19

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

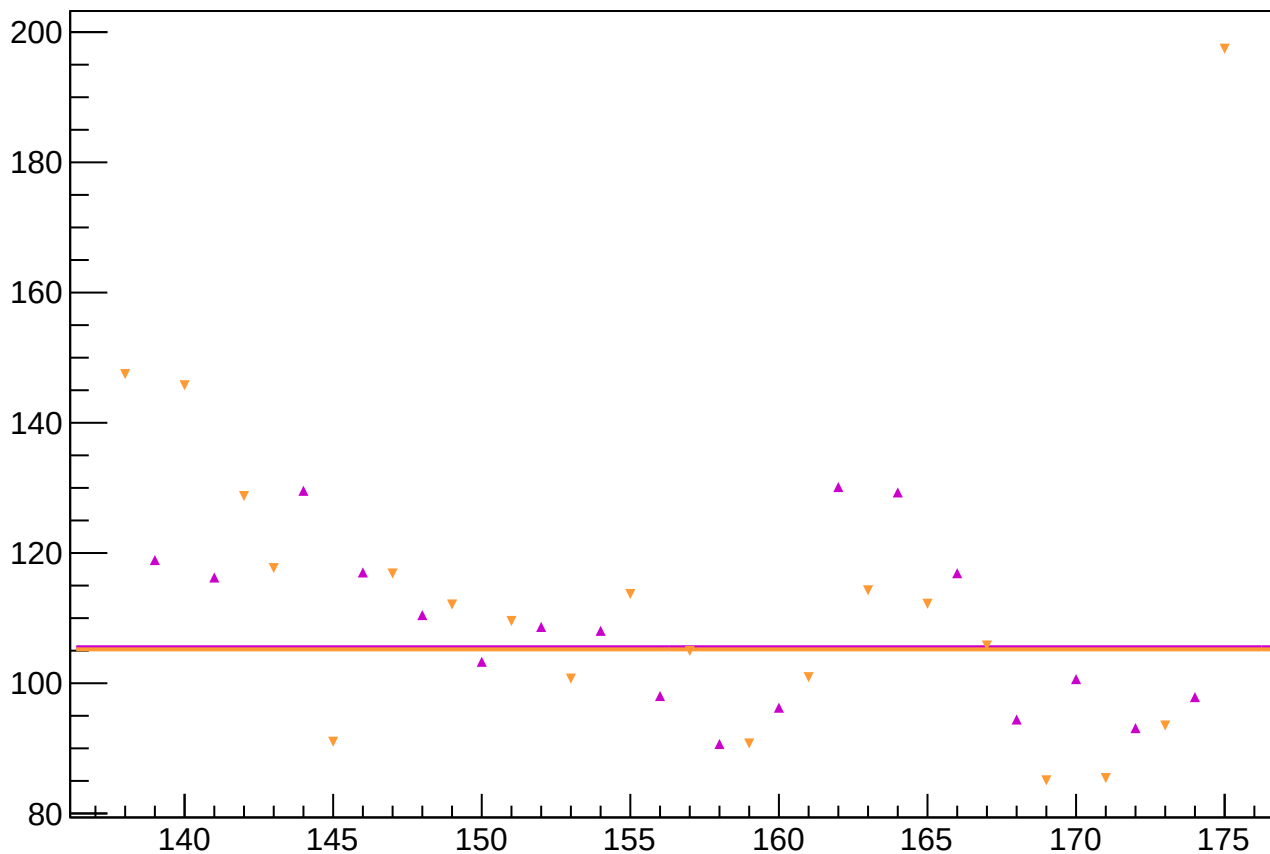
Left In: -55.634 $\pm$ 28.546 χ^2 /NDF:18.7/17

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

All: -7.173 $\pm$ 19.950 χ^2 /NDF: 40.1/37

- 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: 105.203+/-0.020 χ^2/NDF : 931750.0/19

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

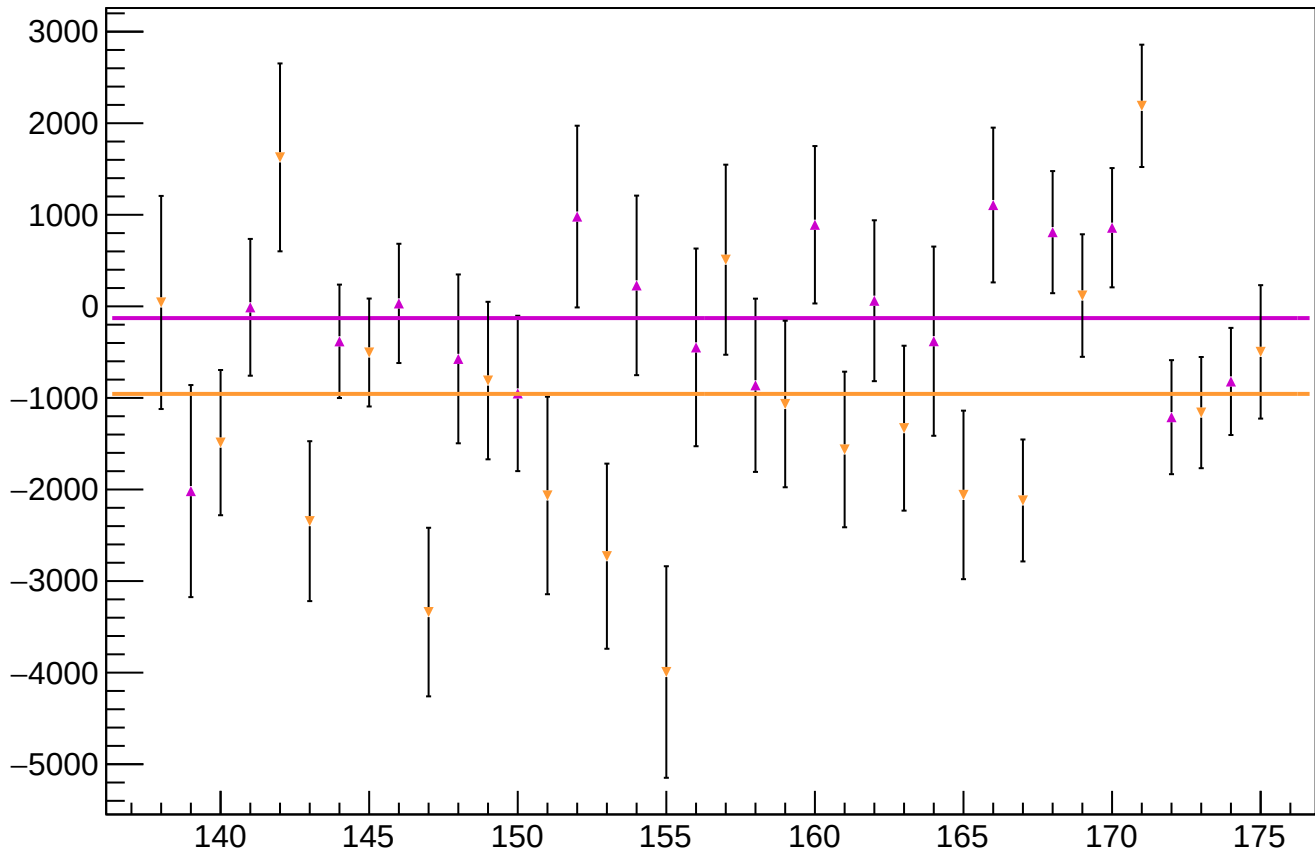
Left In: 105.528+/-0.020 χ^2/NDF : 340338.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.362+/-0.014 χ^2/NDF : 1272220.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -955.981 $\pm$ 183.029 χ^2/NDF :60.9/19

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

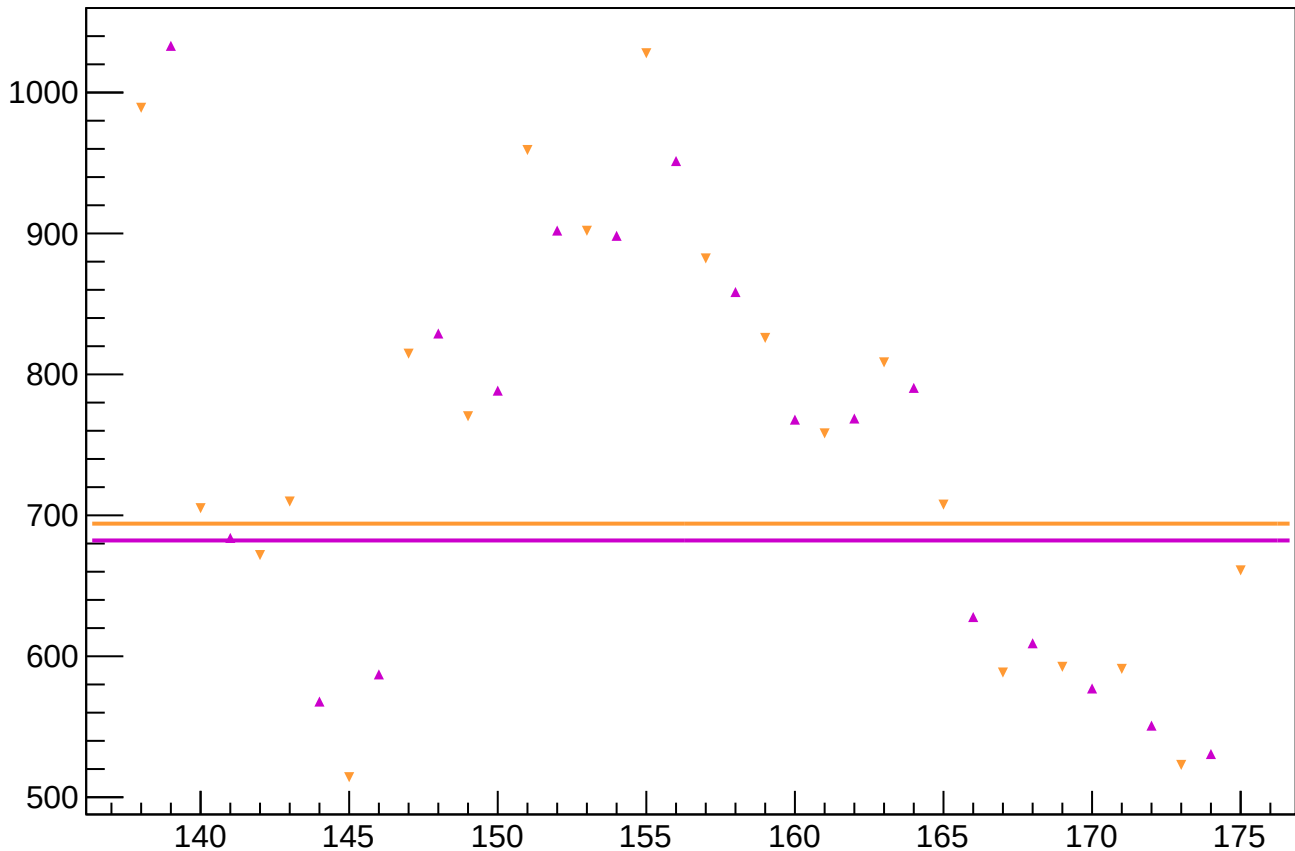
Left In: -128.219 $\pm$ 185.077 χ^2/NDF :18.5/17

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

All: -546.703 $\pm$ 130.139 χ^2/NDF : 89.5/37

- sign 0.000 $\pm$ 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: 694.112+/-0.129 χ^2/NDF :1198165.0/19

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

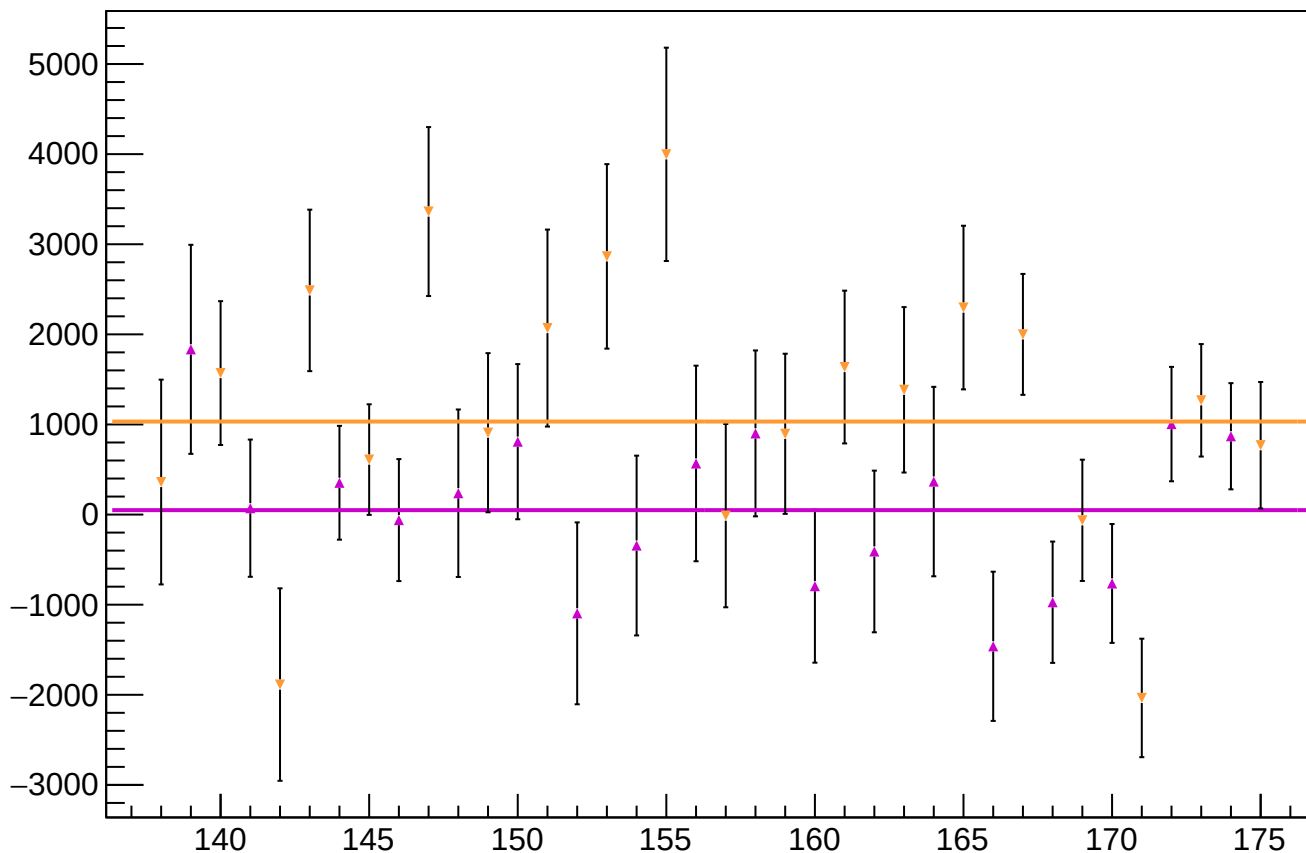
Left In: 682.176+/-0.131 χ^2/NDF :1134447.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.210+/-0.092 χ^2/NDF : 2336817.5/37

- 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: 1032.338 $\pm$ 184.376 χ^2 /NDF:58.4/19

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

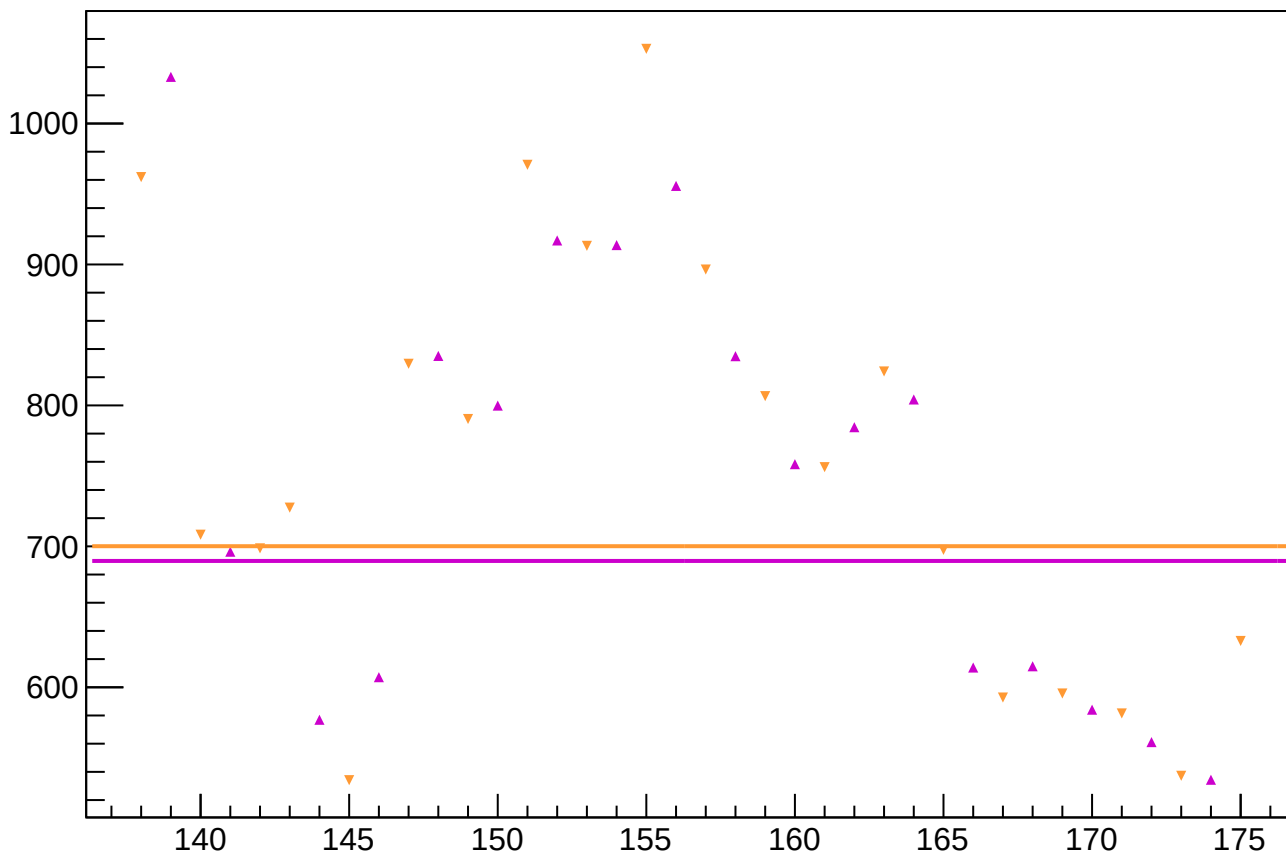
Left In: 49.221 $\pm$ 187.186 χ^2 /NDF:18.7/17

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

All: 548.214 $\pm$ 131.356 χ^2 /NDF: 91.1/37

- 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: 700.106+/-0.130 χ^2/NDF :1168357.9/19

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

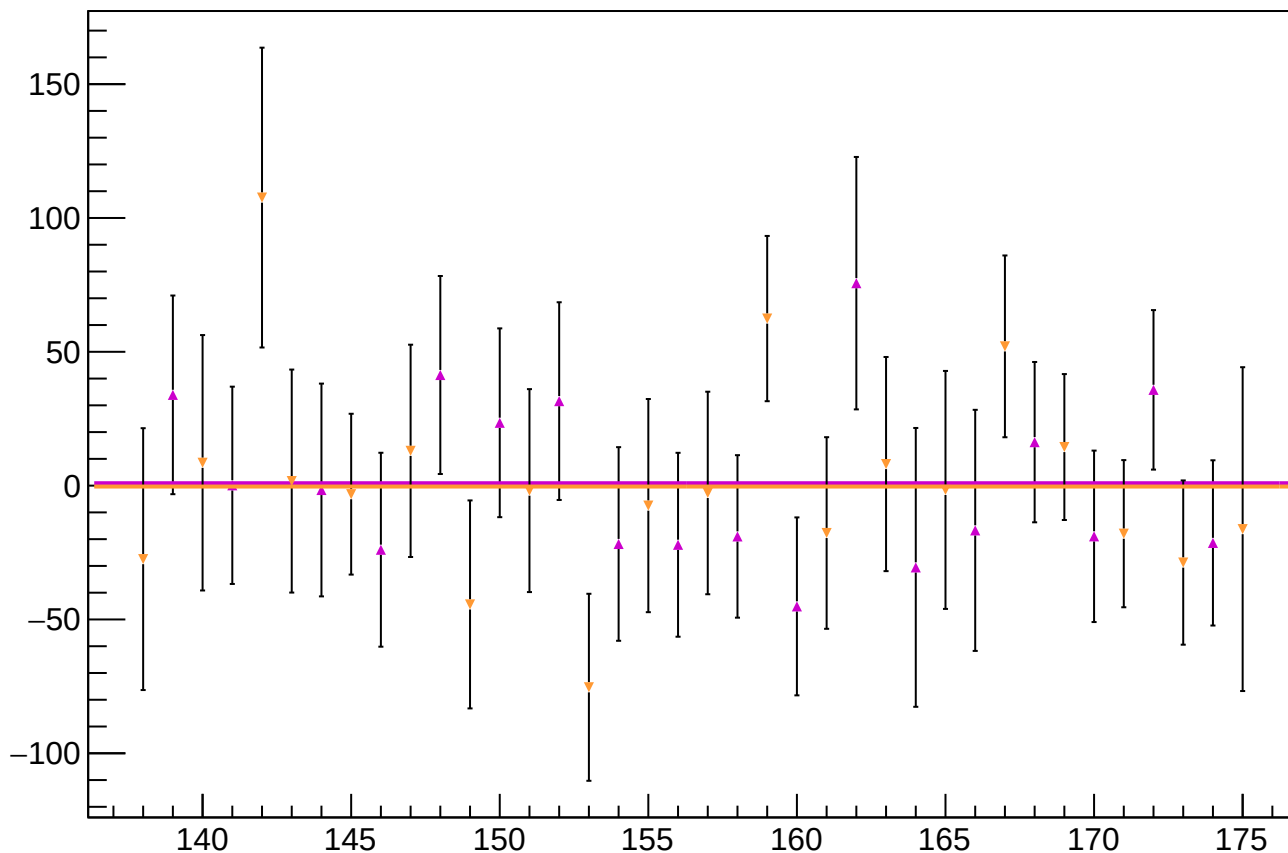
Left In: 689.647+/-0.132 χ^2/NDF :1095611.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.956+/-0.093 χ^2/NDF : 2267138.5/37

- 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: -0.340 $\pm$ 8.211 χ^2 /NDF:18.5/19

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

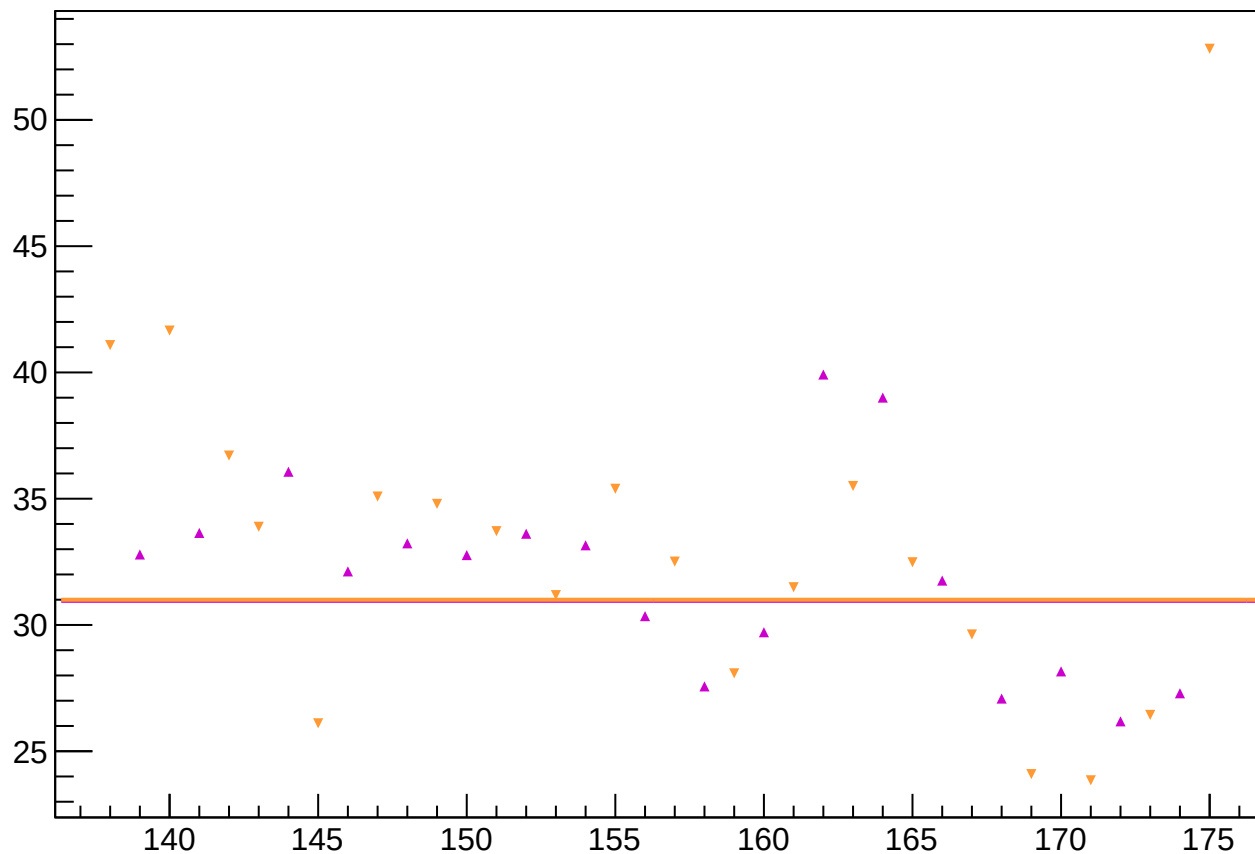
Left In: 0.900 $\pm$ 8.361 χ^2 /NDF:12.3/17

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

All: 0.269 $\pm$ 5.858 χ^2 /NDF: 30.9/37

- 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: 30.999+/-0.006 χ^2/NDF : 963479.1/19

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

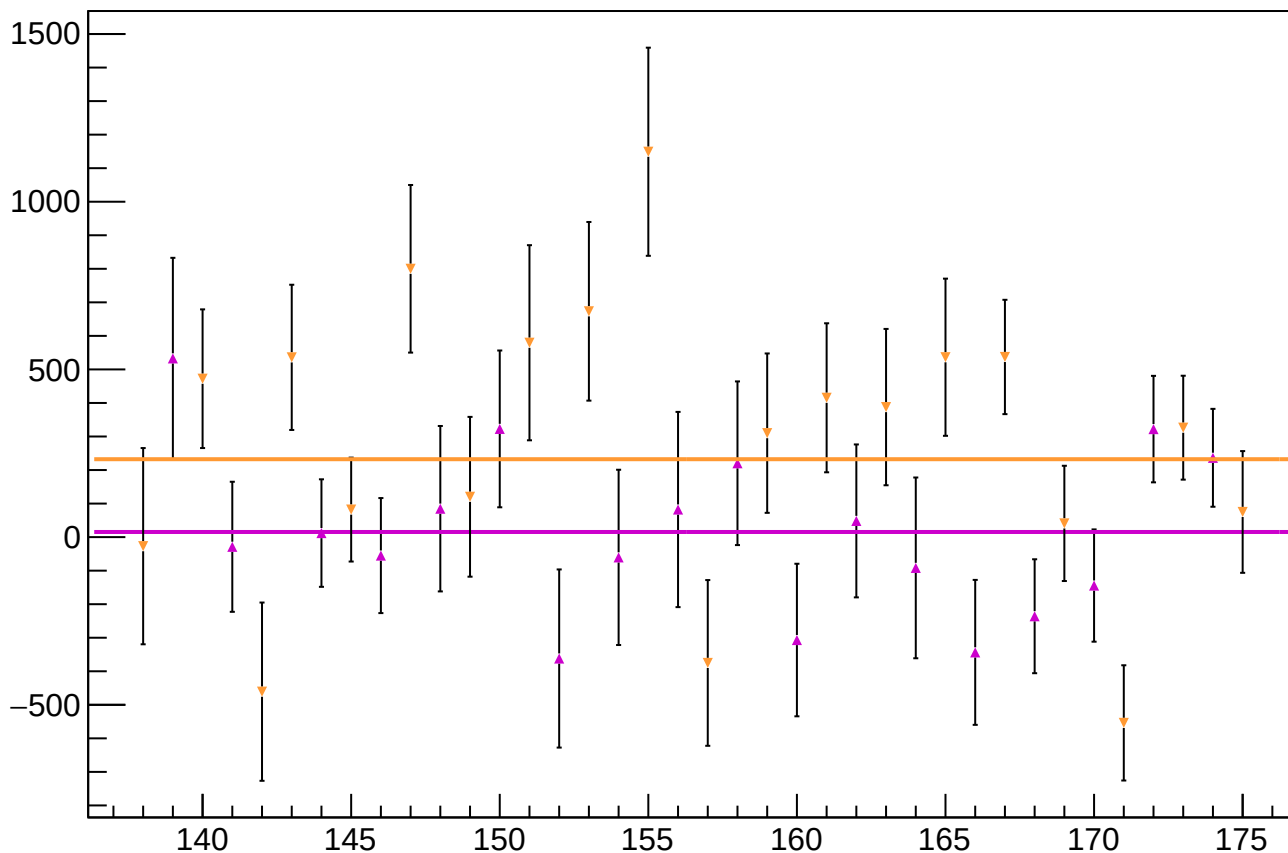
Left In: 30.956+/-0.006 χ^2/NDF : 358294.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.978+/-0.004 χ^2/NDF : 1321799.7/37

- 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: 232.308+/-47.279 χ^2/NDF : 65.6/19

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

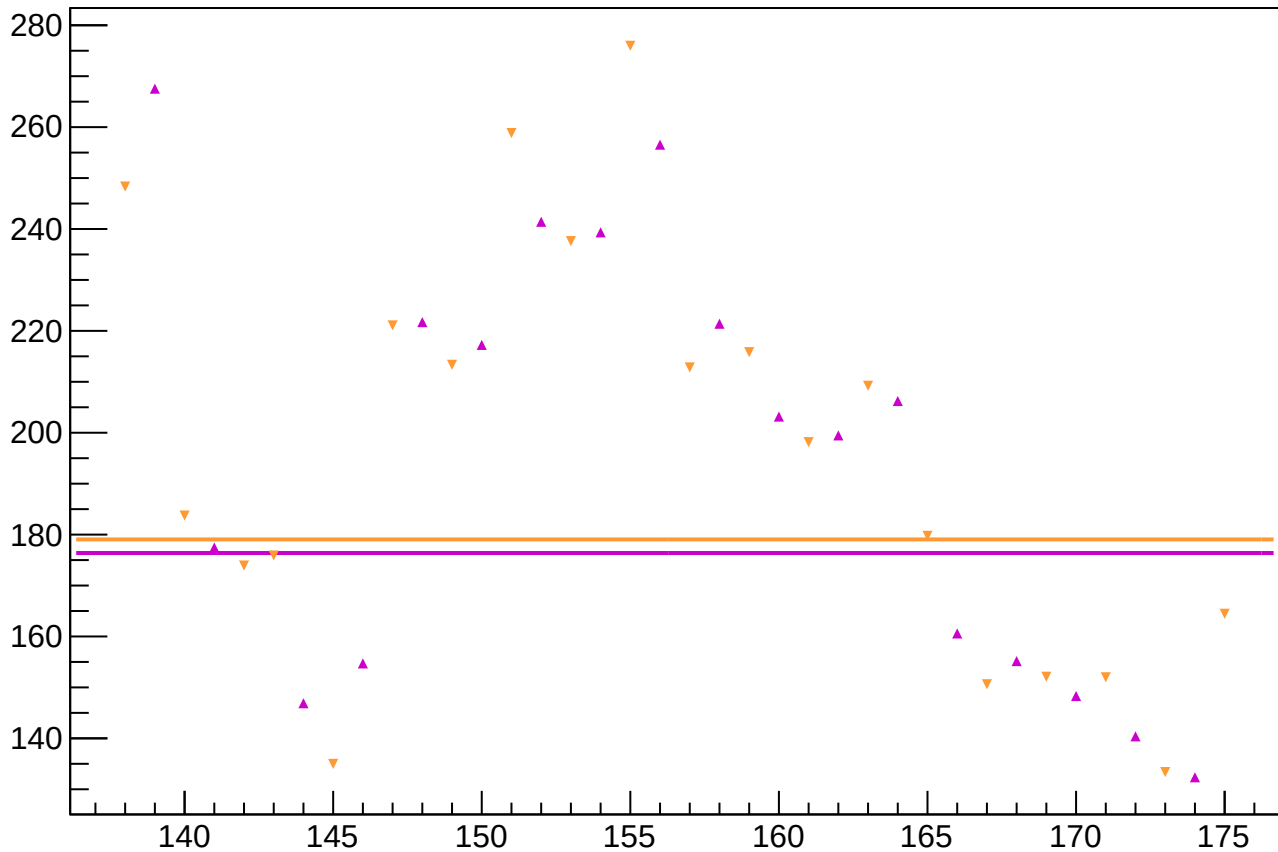
Left In: 15.316+/-48.026 χ^2/NDF : 21.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.513+/-33.692 χ^2/NDF : 97.9/37

- 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: 179.050+/-0.033 χ^2/NDF : 1291415.7/19

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

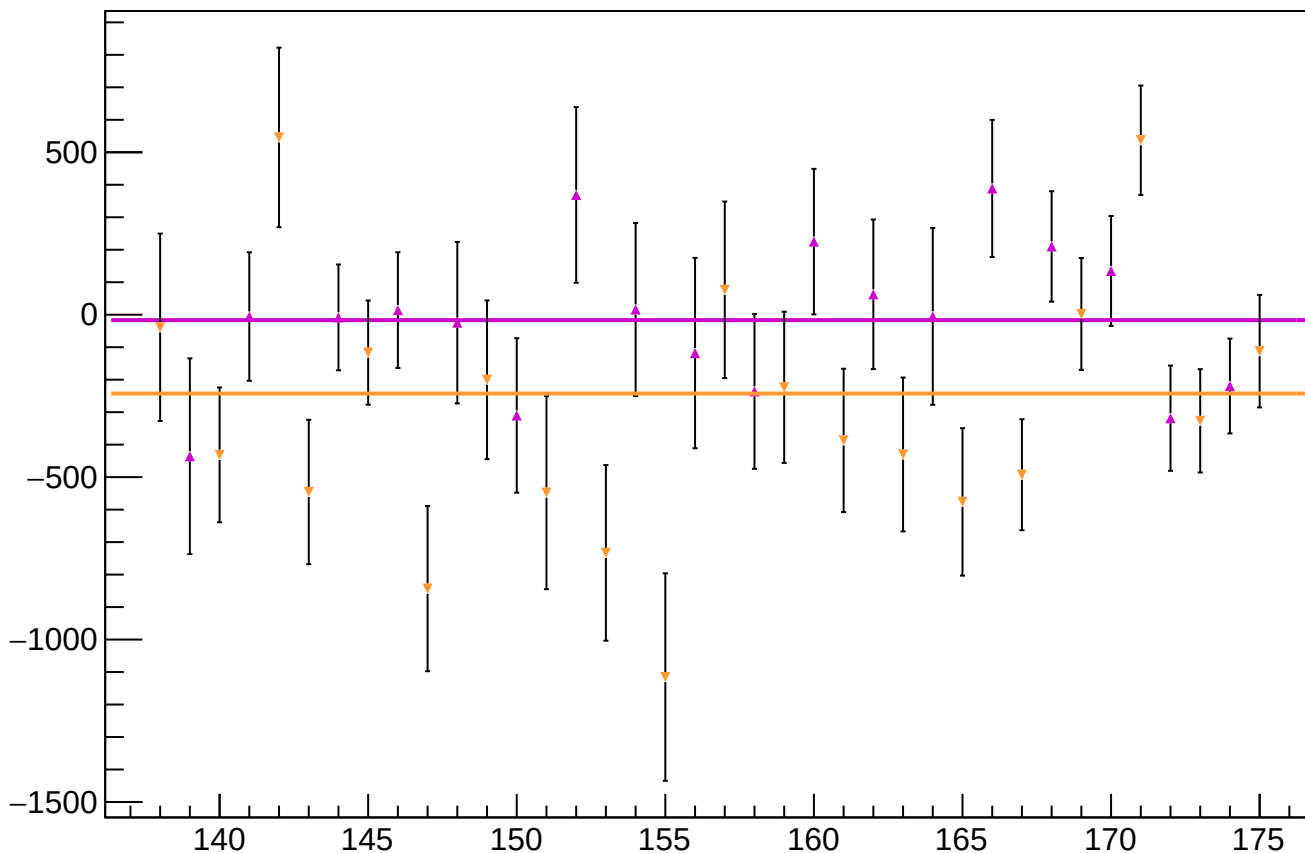
Left In: 176.386+/-0.034 χ^2/NDF : 1325092.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.739+/-0.024 χ^2/NDF : 2619633.5/37

- 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: -242.730+/-47.645 χ^2/NDF : 60.4/19

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

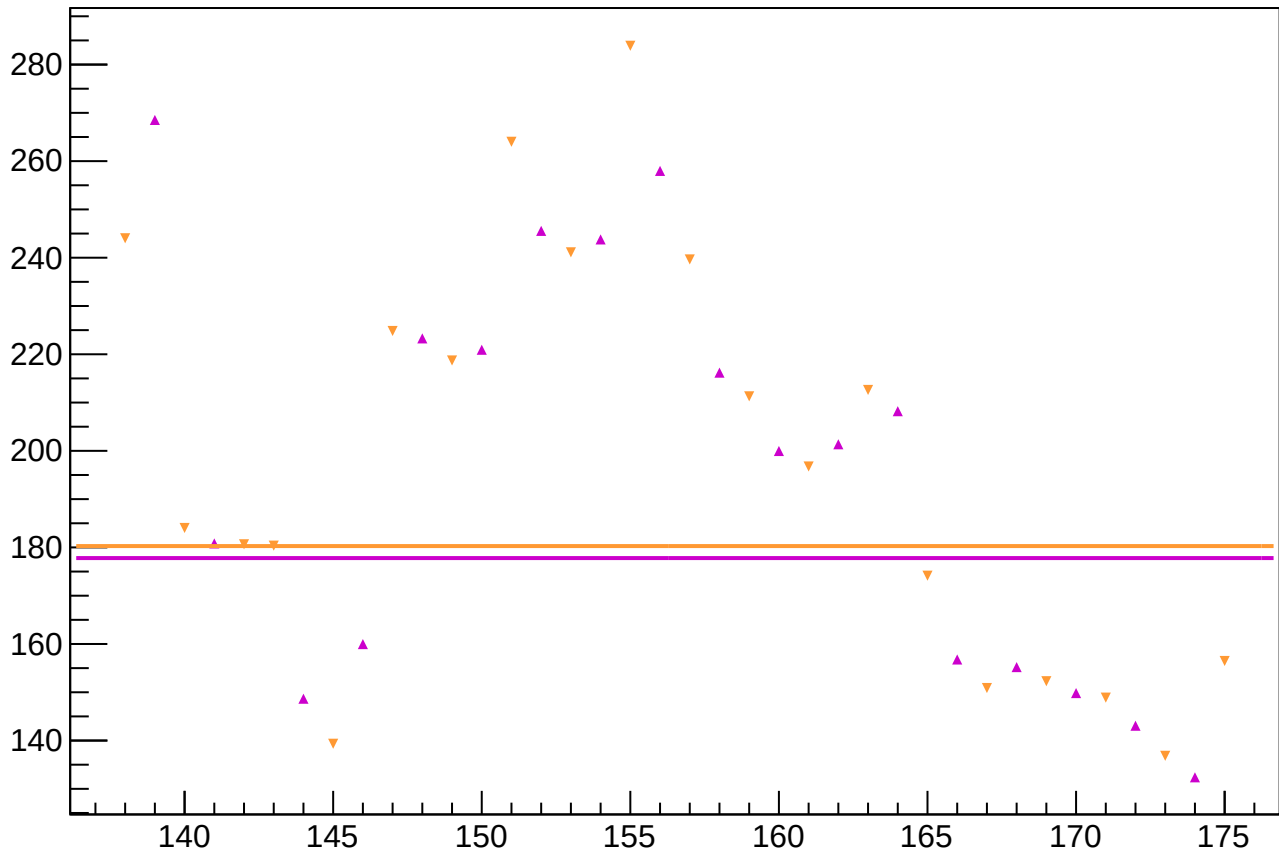
Left In: -16.669+/-48.449 χ^2/NDF : 19.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.591+/-33.971 χ^2/NDF : 91.0/37

- 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: 180.277+/-0.034 χ^2/NDF :1359826.5/19

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

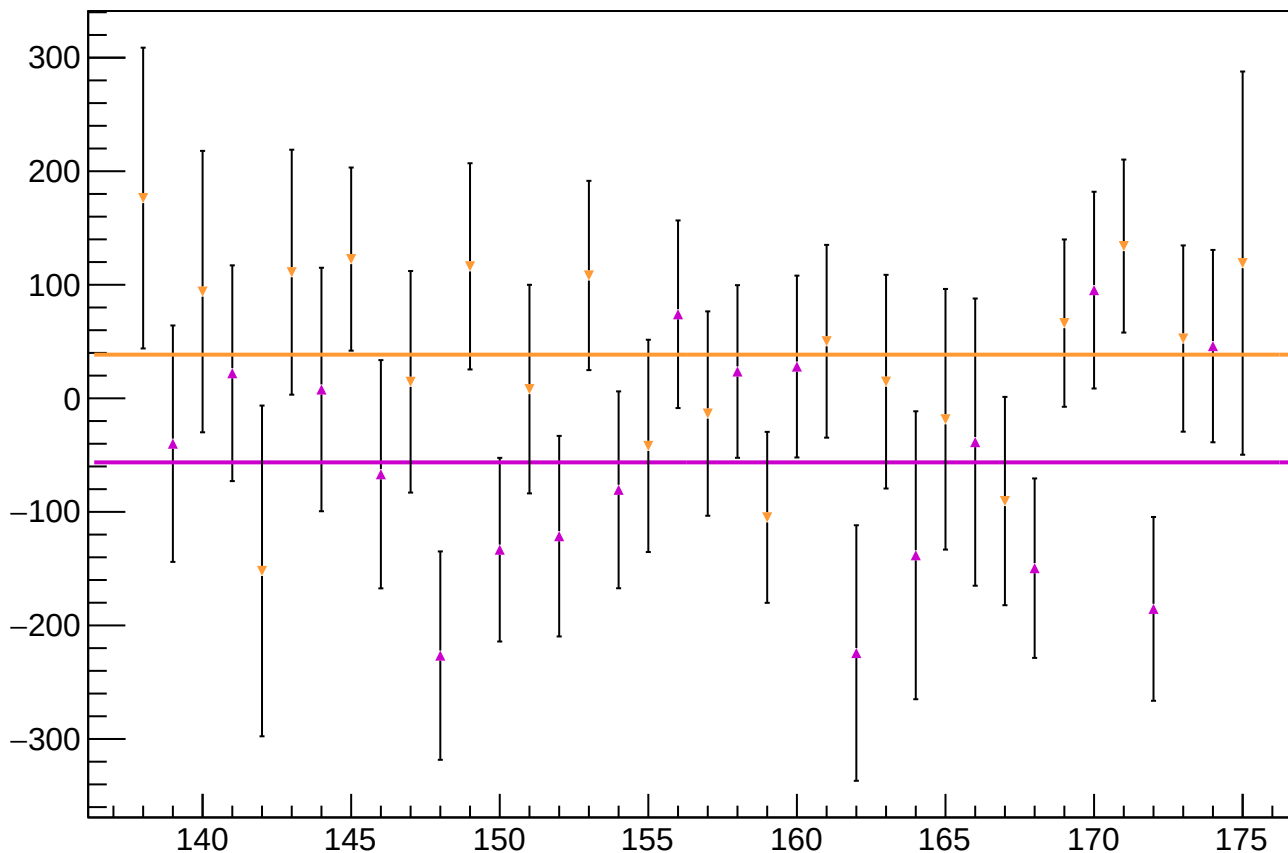
Left In: 177.792+/-0.034 χ^2/NDF :1309685.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.056+/-0.024 χ^2/NDF : 2672186.1/37

- 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: 38.470+/-20.856 χ^2/NDF :15.1/19

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

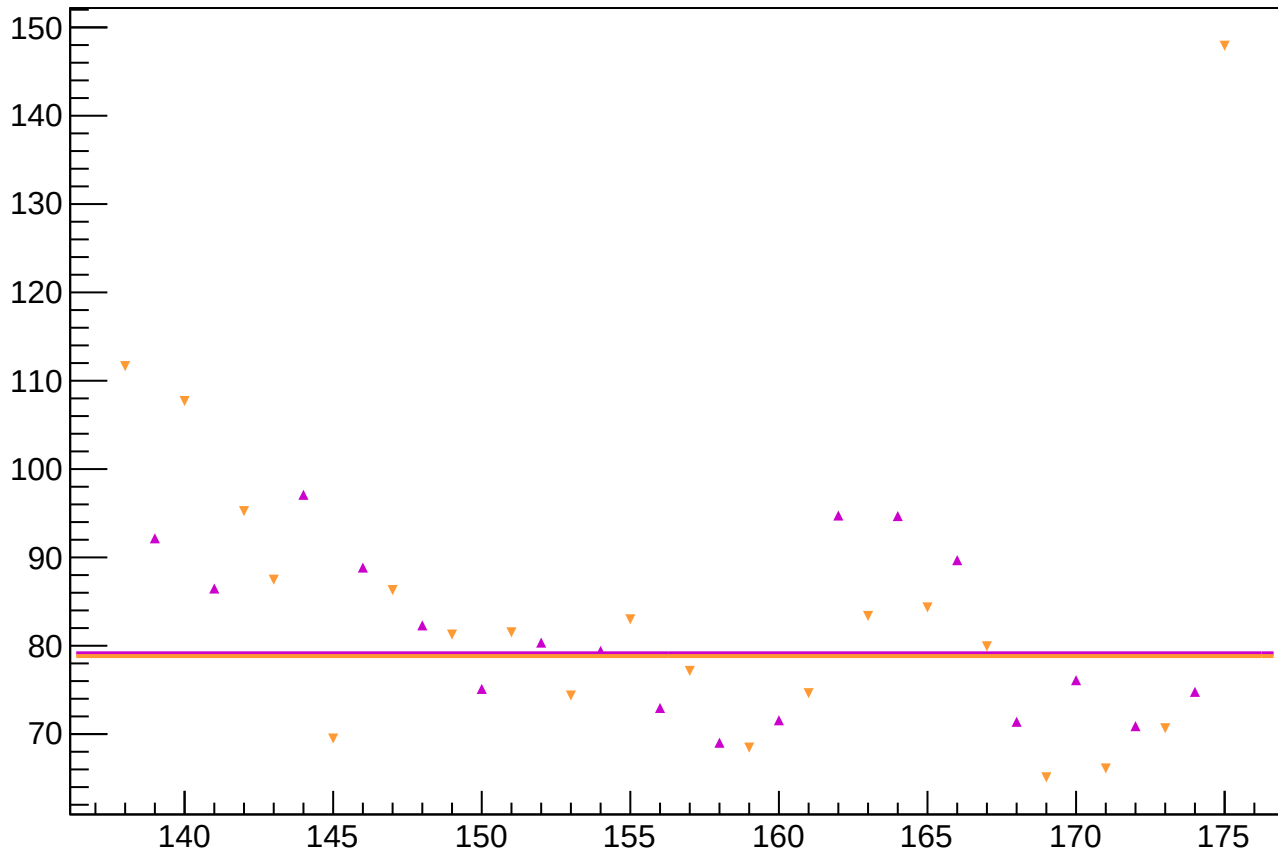
Left In: -56.394+/-21.385 χ^2/NDF :21.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.774+/-14.931 χ^2/NDF : 47.1/37

- 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: 78.831+/-0.015 χ^2/NDF : 854316.5/19

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

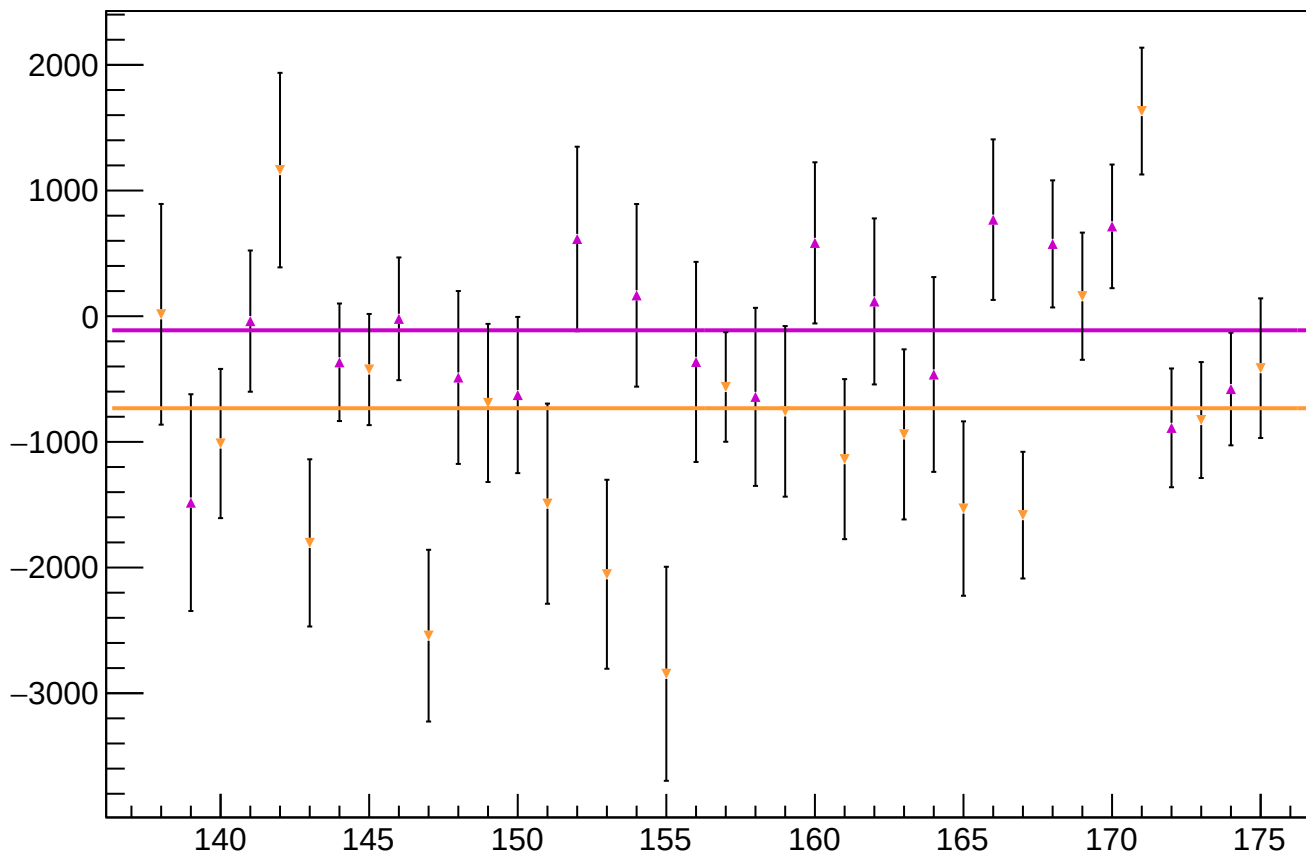
Left In: 79.142+/-0.015 χ^2/NDF : 320336.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.982+/-0.011 χ^2/NDF : 1174868.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -732.122 $\pm$ 133.121 χ^2 /NDF:57.4/19

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

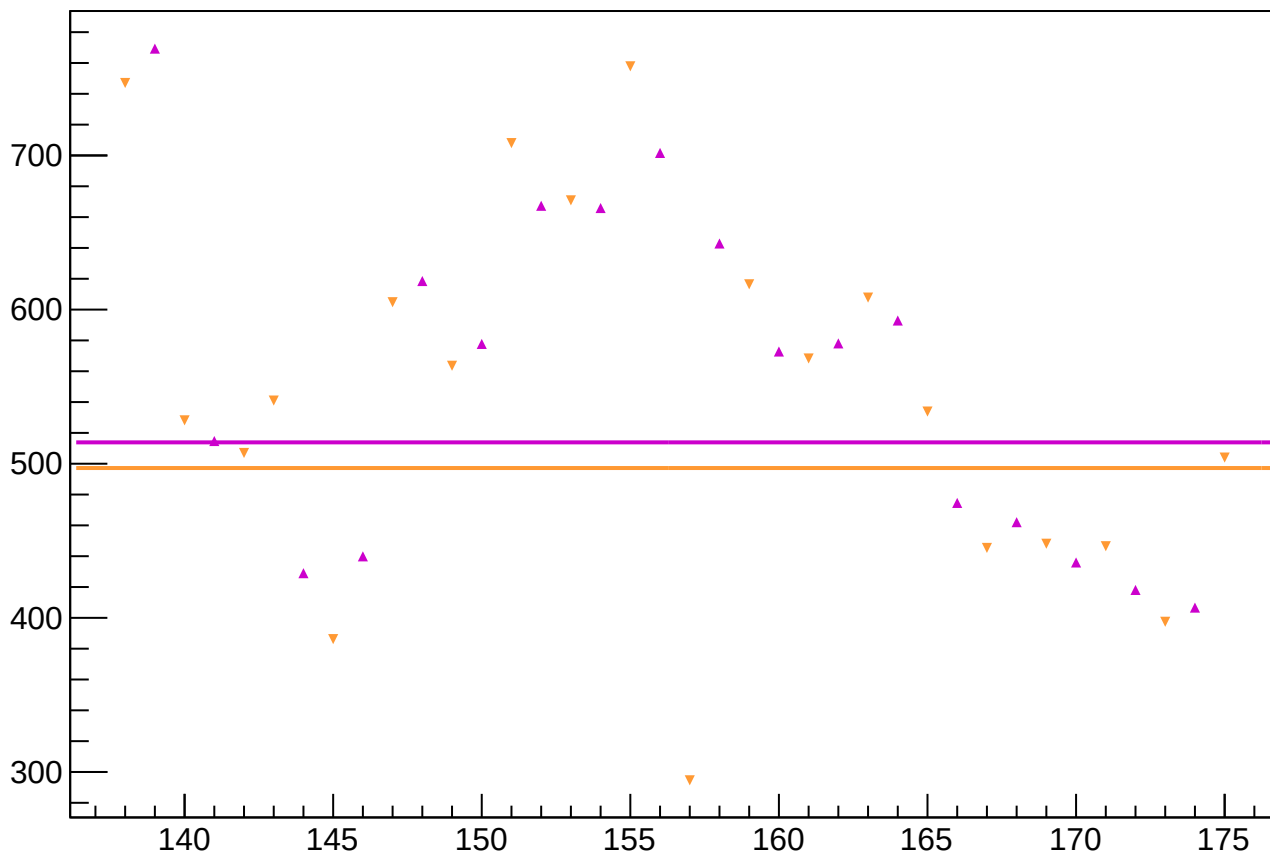
Left In: -112.083 $\pm$ 139.164 χ^2 /NDF:17.5/17

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

All: -435.857 $\pm$ 96.196 χ^2 /NDF: 85.3/37

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

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 497.205+/-0.094 χ^2/NDF :1539875.5/19

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

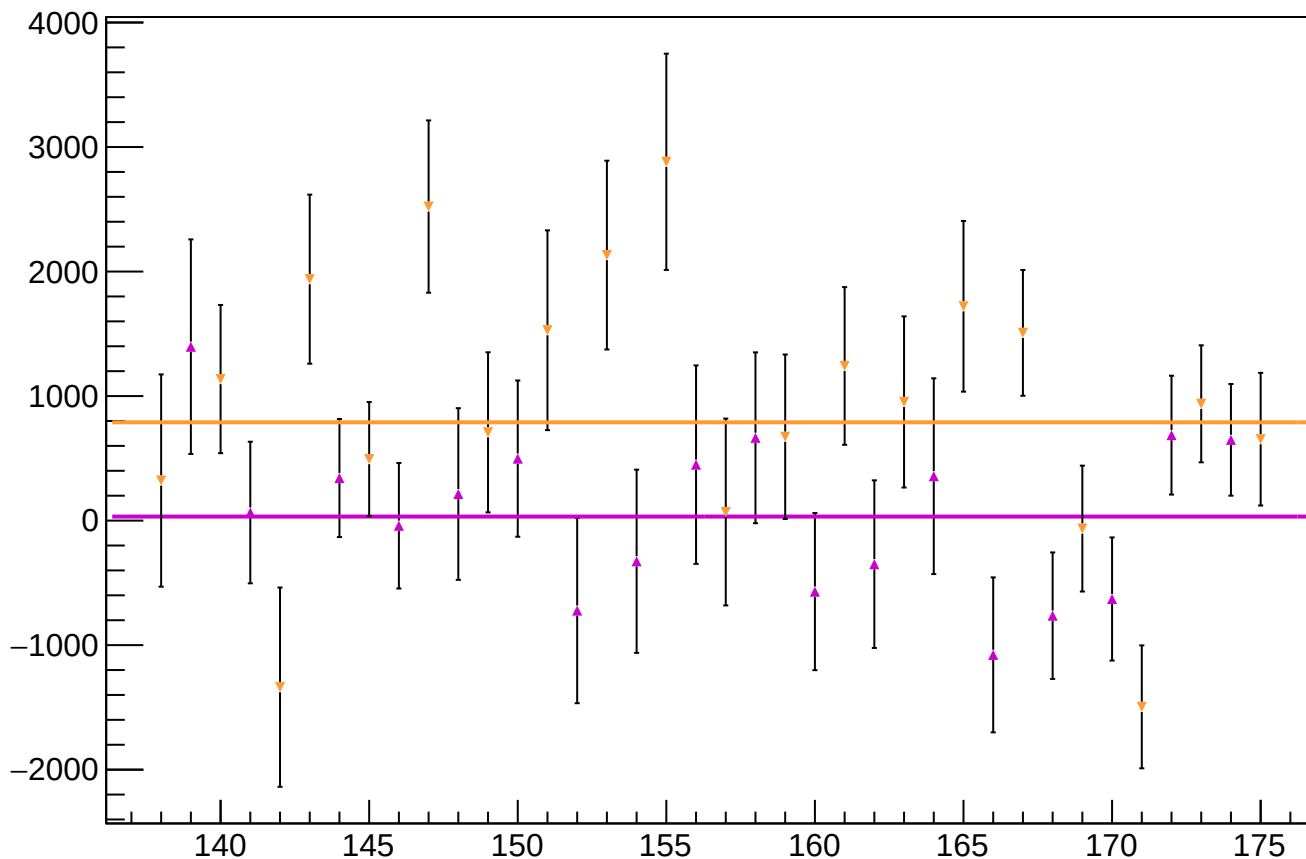
Left In: 513.855+/-0.098 χ^2/NDF :1039061.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.161+/-0.068 χ^2/NDF : 2593885.2/37

- 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: 789.187+/-137.835 χ^2/NDF :56.9/19

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

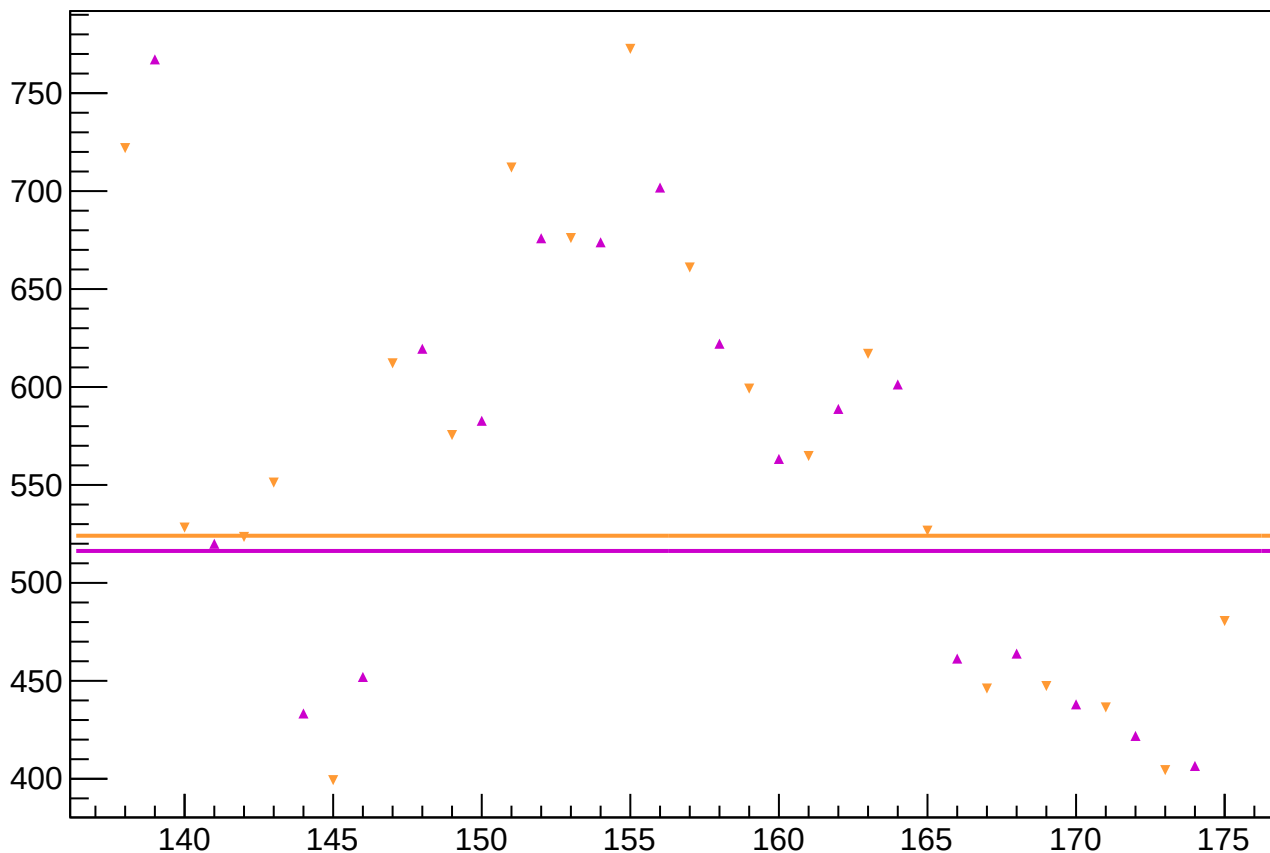
Left In: 32.503+/-139.923 χ^2/NDF :18.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.534+/-98.194 χ^2/NDF : 90.3/37

- 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: 524.078+/-0.097 χ^2/NDF : 1095810.9/19

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

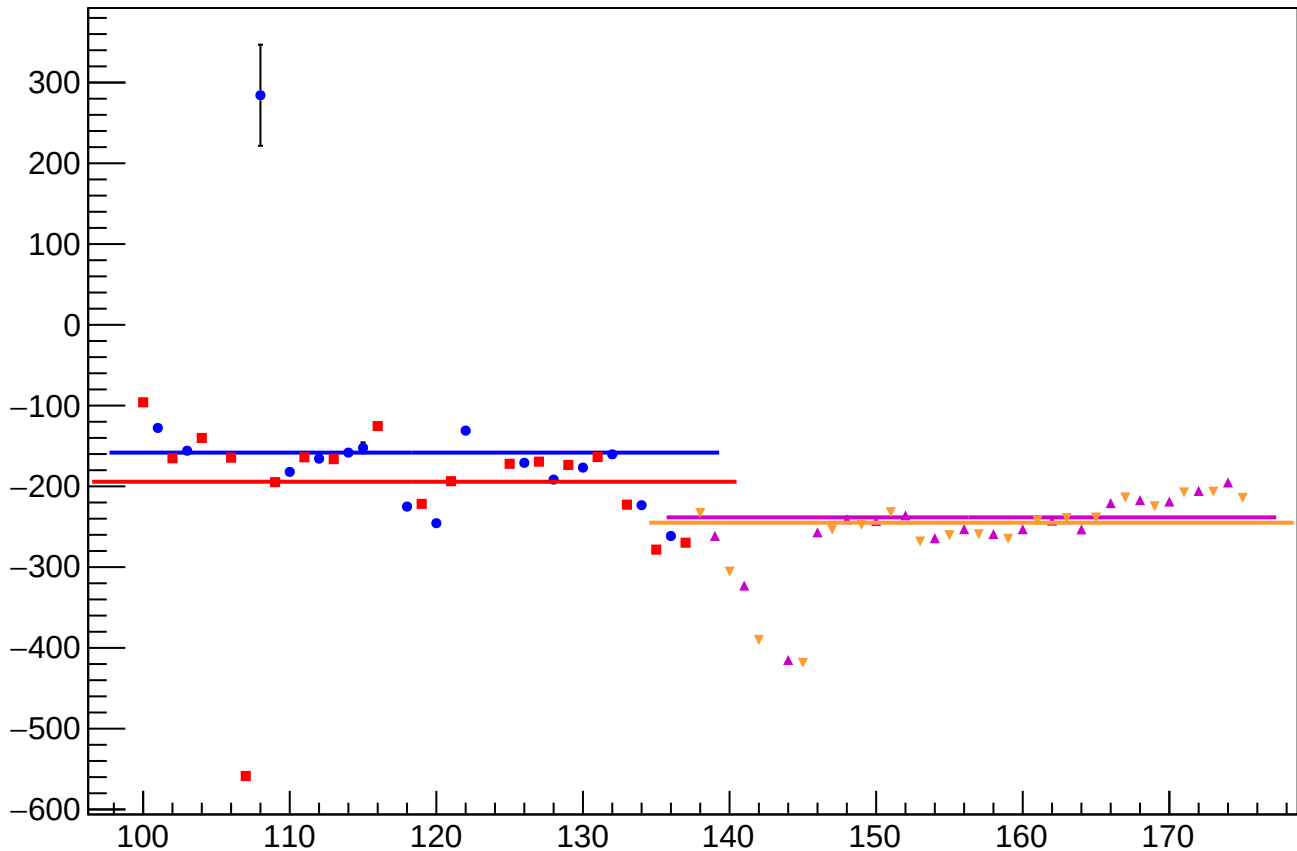
Left In: 516.305+/-0.099 χ^2/NDF : 1013350.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

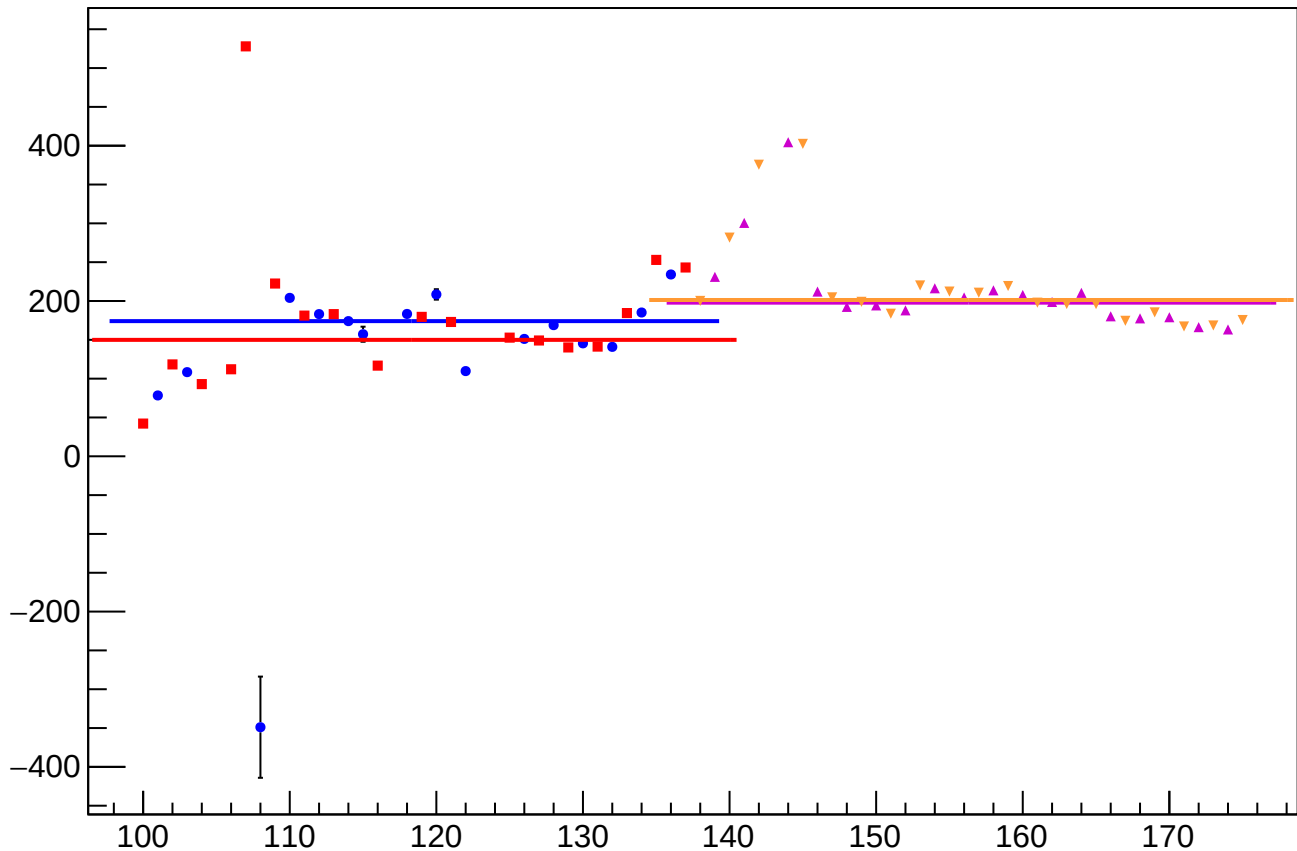
All: 520.250+/-0.069 χ^2/NDF : 2112293.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 201.298 $\pm$ 0.126 χ^2 /NDF: 59317.8/18

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

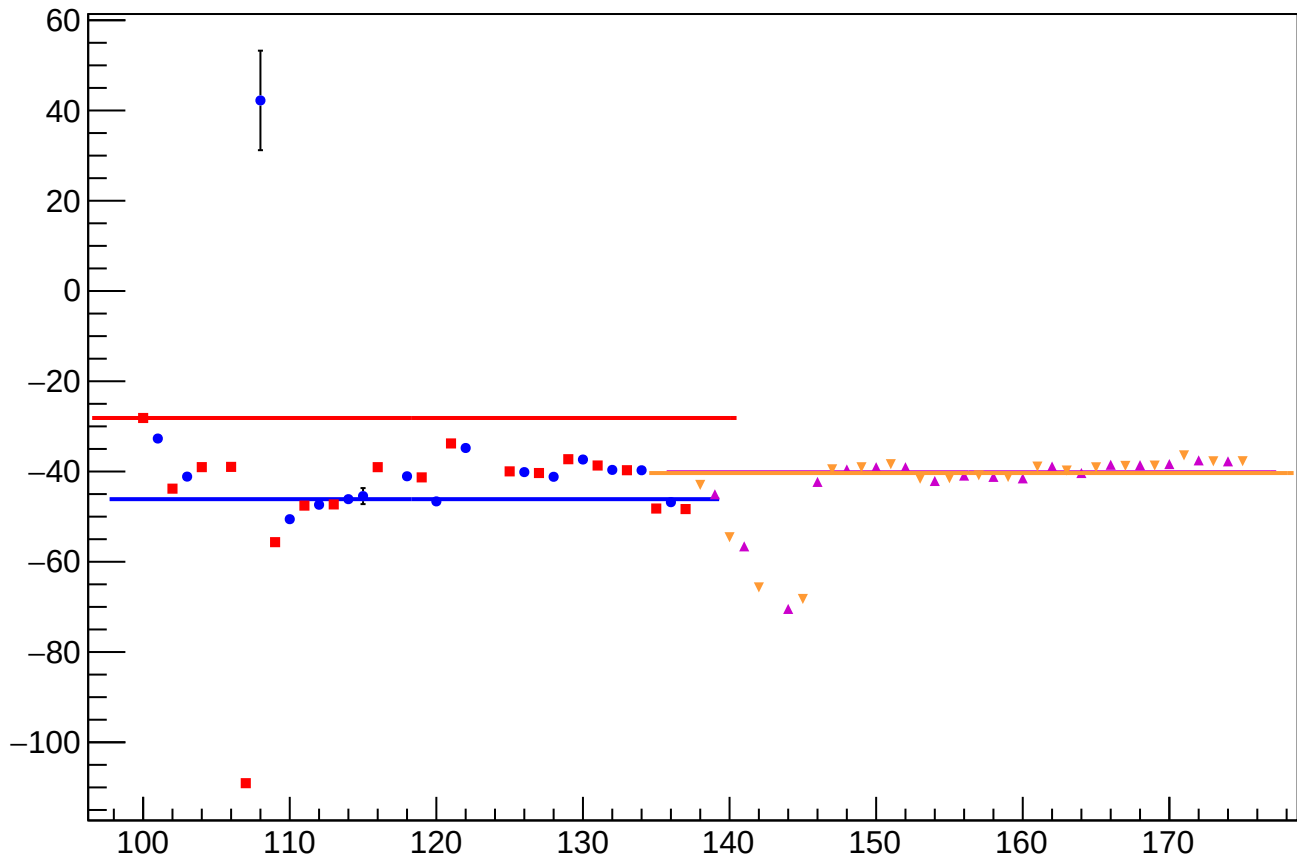
Left In: 197.871 $\pm$ 0.121 χ^2 /NDF: 100411.6/17

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 159521.0/34

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 481826.2/70

- sign 184.643 $\pm$ 0.103 χ^2 /NDF: 311742.6/35

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -40.341 ± 0.007 χ^2/NDF : 138069.9/18

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

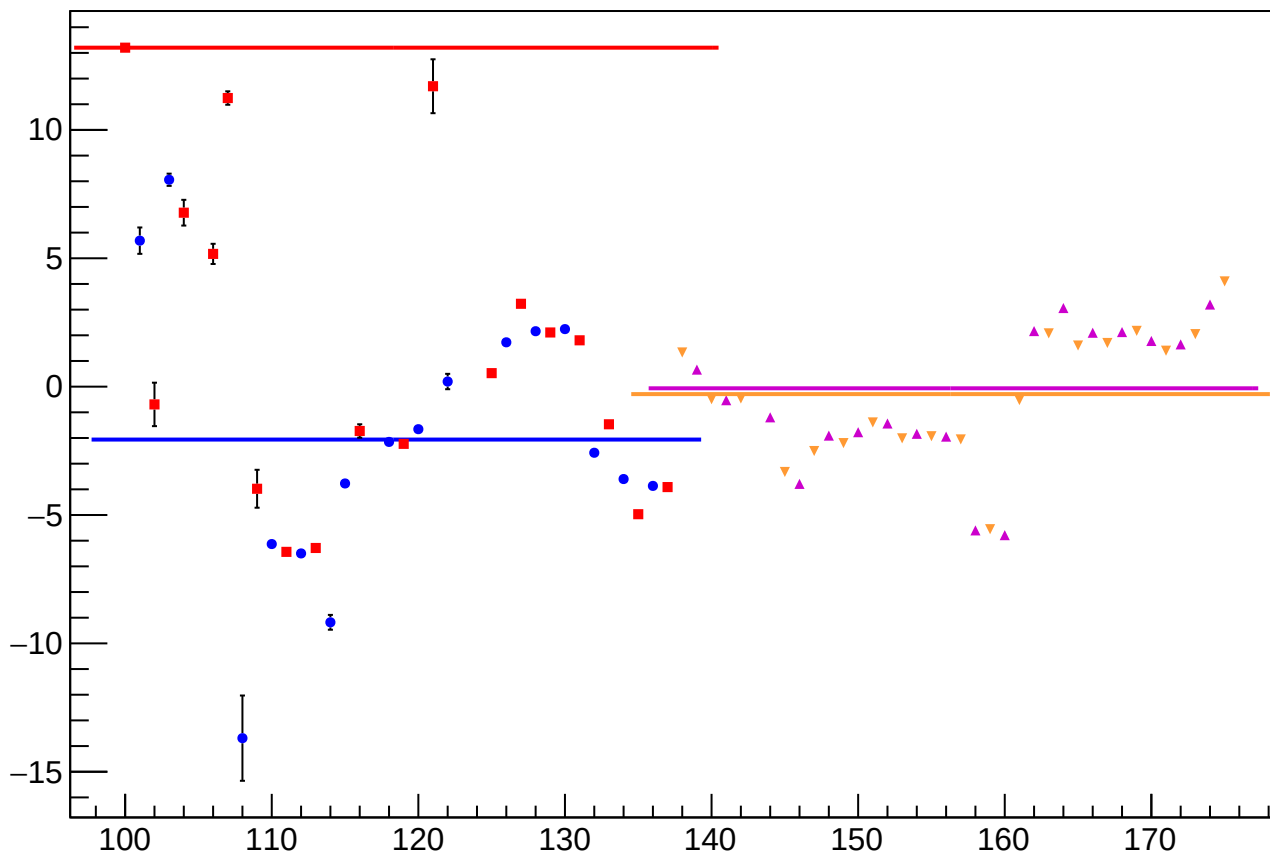
Left In: -40.158 ± 0.008 χ^2/NDF : 191798.6/17

+ sign -46.126 ± 0.000 χ^2/NDF : 1030892.7/34

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

- sign -28.139 ± 0.000 χ^2/NDF : 3309414.3/35

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2 /NDF: 25665.1/15

Left Out: -0.290+/-0.007 χ^2 /NDF:150420.9/18

Right Out: 13.204+/-0.000 χ^2 /NDF: 509721.0/17

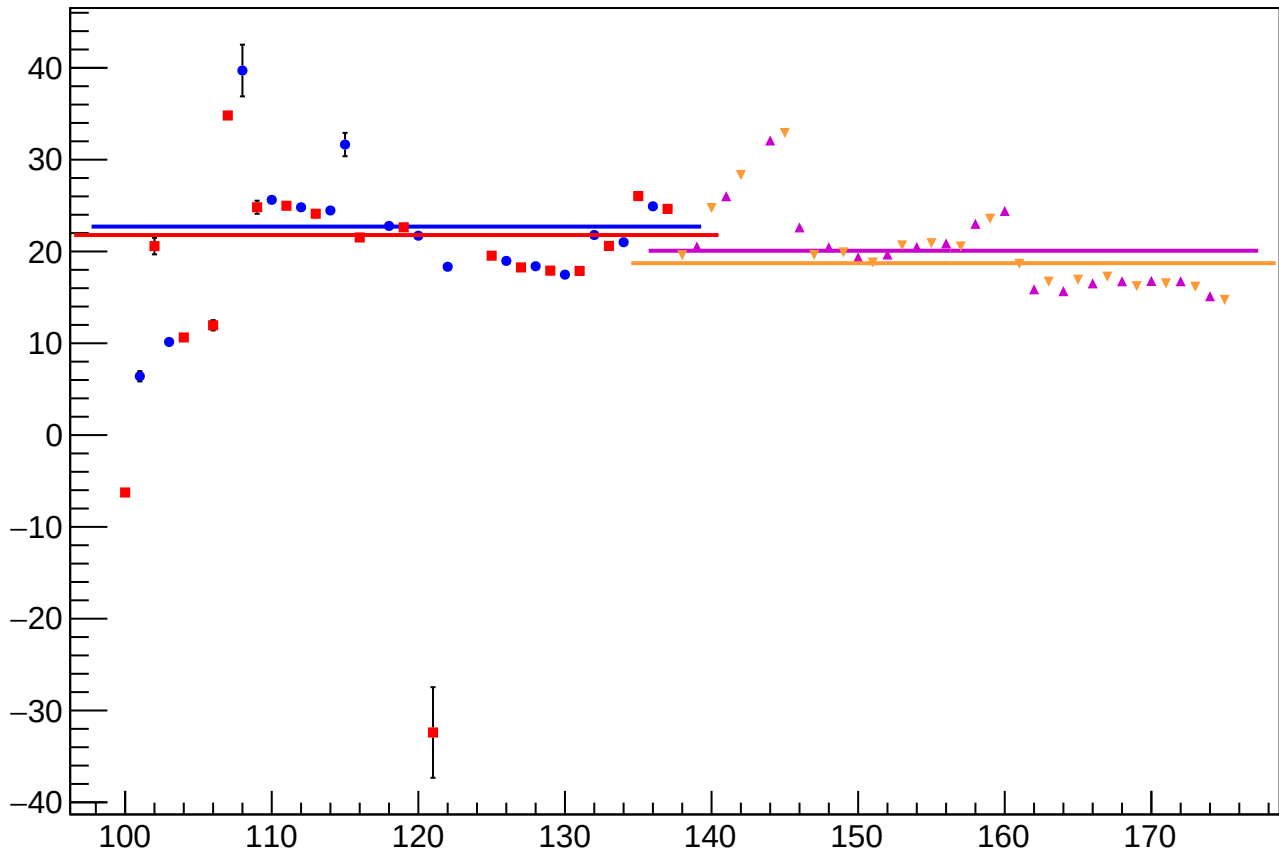
Left In: -0.064+/-0.006 χ^2 /NDF:249713.6/17

+ sign -0.531+/-0.007 χ^2 /NDF: 184611.7/34

All: 13.204+/-0.000 χ^2 /NDF: 10972661.1/70

- sign 13.204+/-0.000 χ^2 /NDF: 6421149.9/35

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 18.725 $\pm$ 0.008 χ^2 /NDF:104183.1/18

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

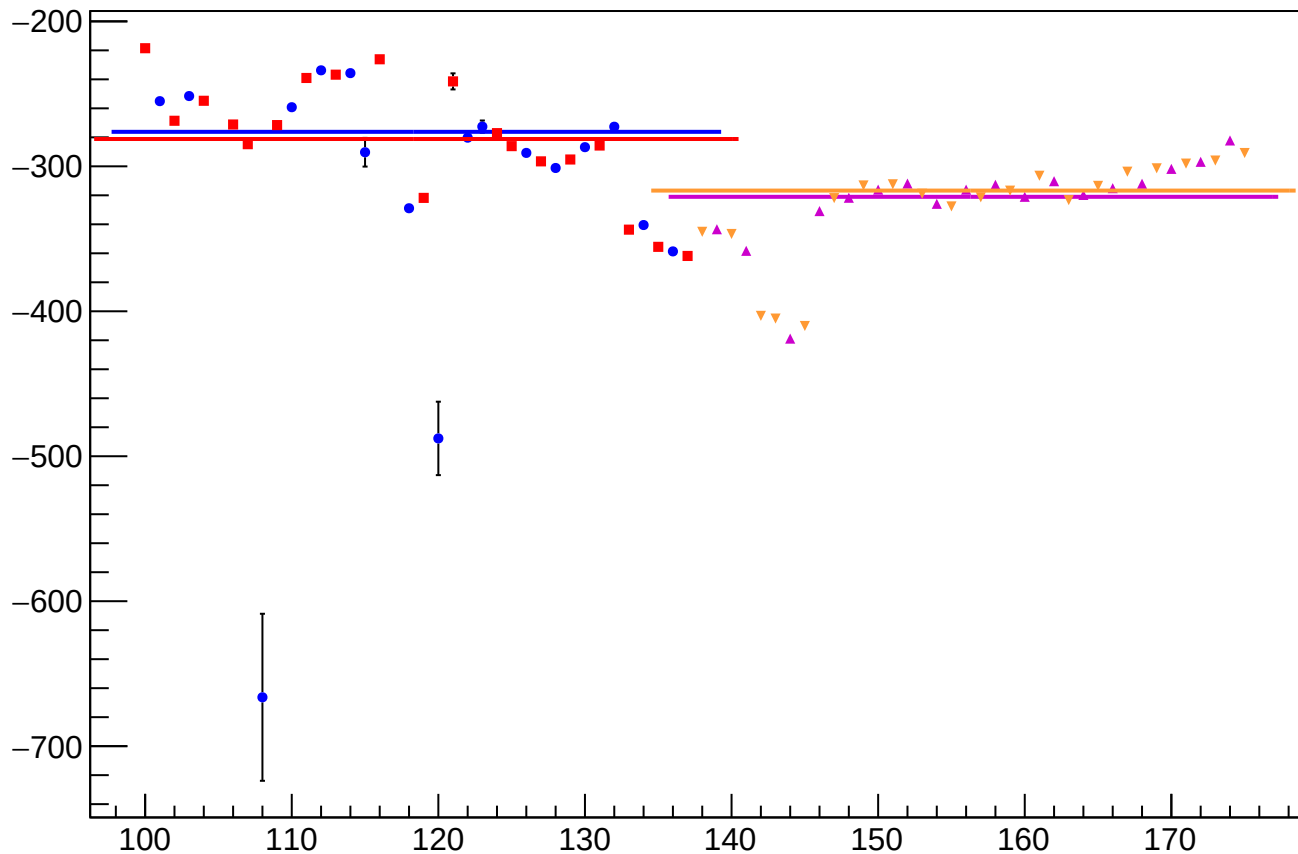
Left In: 20.079 $\pm$ 0.008 χ^2 /NDF:135521.3/17

+ sign 19.378 $\pm$ 0.008 χ^2 /NDF: 164718.5/34

All: 19.844 $\pm$ 0.005 χ^2 /NDF: 339776.1/70

- sign 20.277 $\pm$ 0.007 χ^2 /NDF: 167783.6/35

dit_usr_4aX_slope vs Slug



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -316.731 ± 0.108 χ^2/NDF : 47864.2/19

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

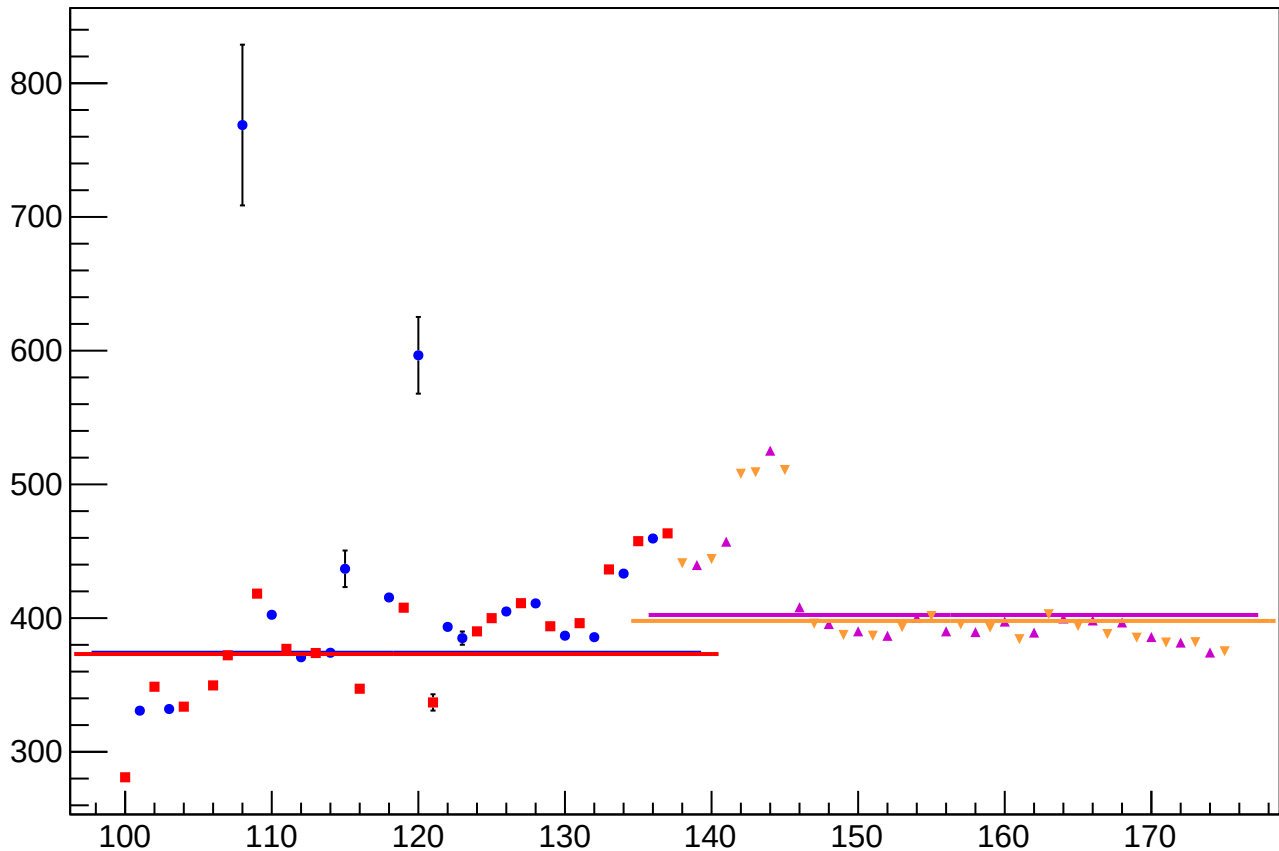
Left In: -321.031 ± 0.104 χ^2/NDF : 54448.6/17

+ sign -304.751 ± 0.091 χ^2/NDF : 147677.8/36

All: -306.386 ± 0.062 χ^2/NDF : 329210.1/73

- sign -307.823 ± 0.085 χ^2/NDF : 180919.7/36

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 397.888 $\pm$ 0.109 χ^2 /NDF: 64482.1/19

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

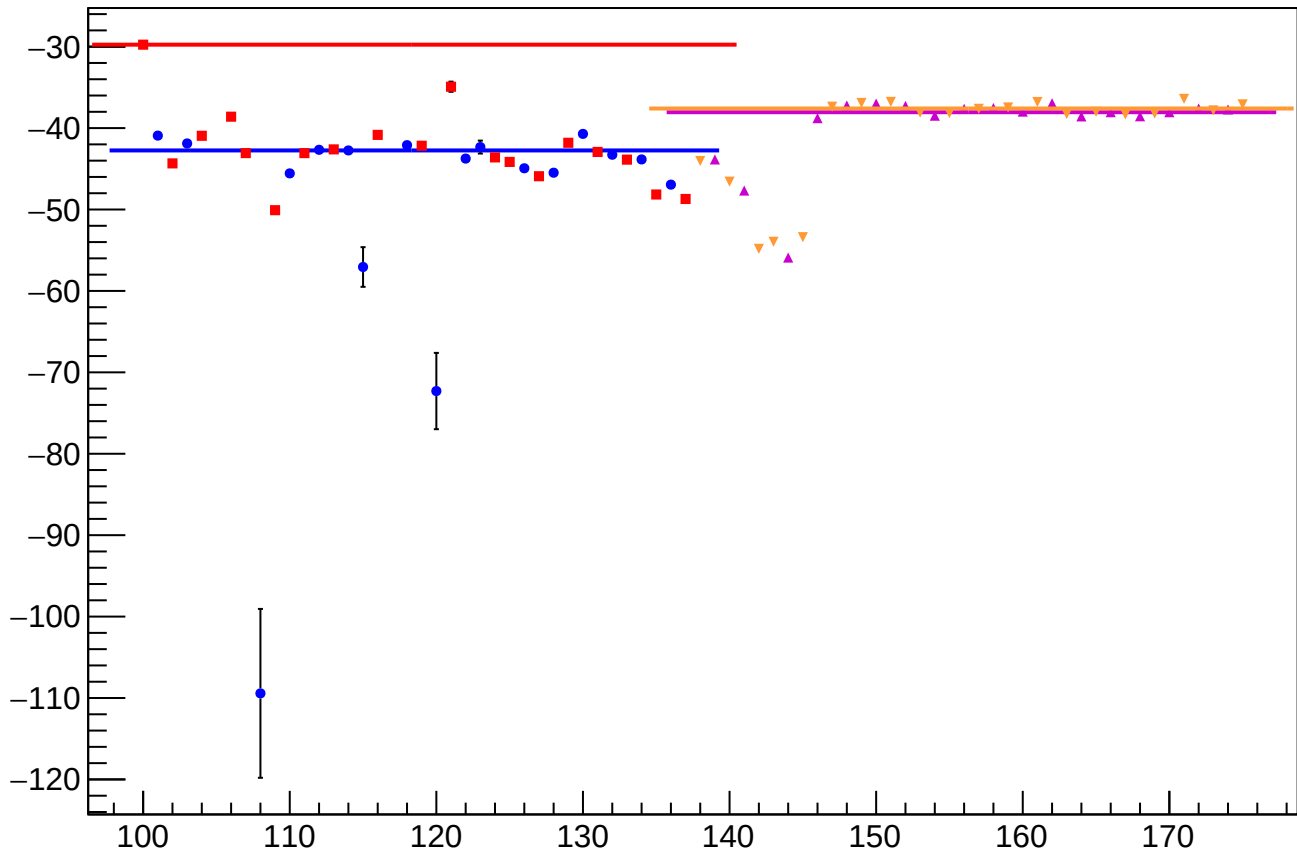
Left In: 402.347 $\pm$ 0.106 χ^2 /NDF: 71695.8/17

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 147458.7/36

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 399011.4/73

- sign 393.324 $\pm$ 0.088 χ^2 /NDF: 203557.4/36

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.595 $\pm$ 0.004 χ^2 /NDF: 263591.2/19

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

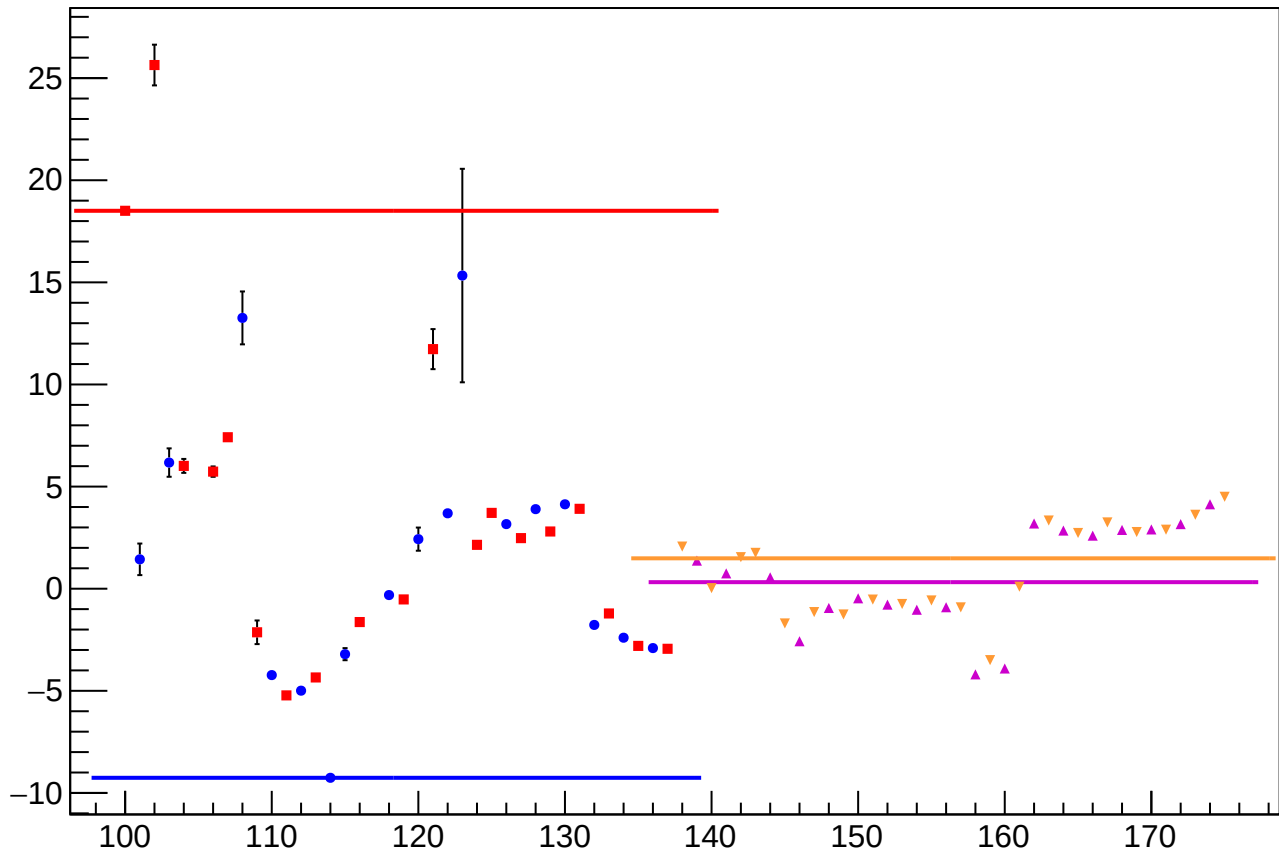
Left In: -38.049 $\pm$ 0.005 χ^2 /NDF: 149670.2/17

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 1885793.8/36

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 4026716.6/36

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: 1.488 ± 0.005 χ^2/NDF : 193135.7/19

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

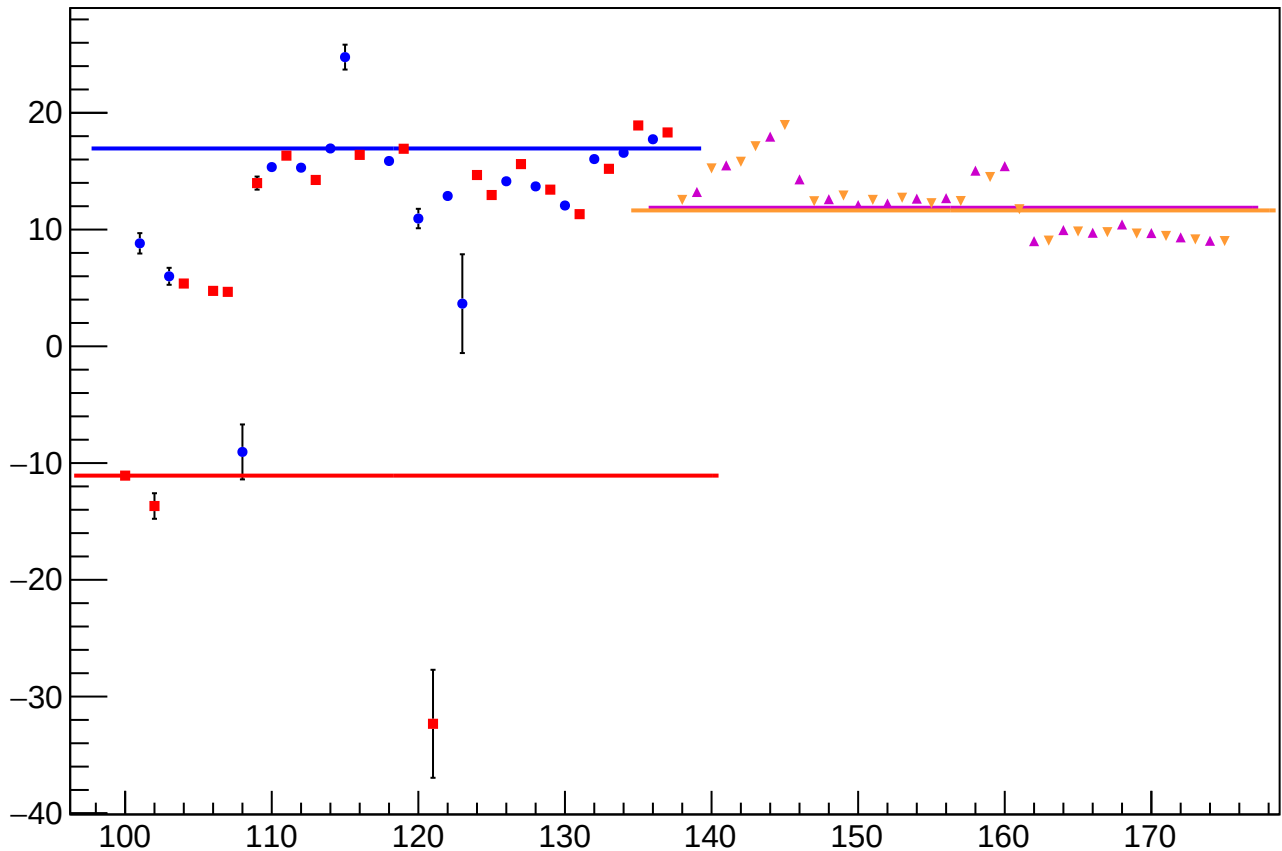
Left In: 0.320 ± 0.006 χ^2/NDF : 163435.4/17

+ sign -9.259 ± 0.000 χ^2/NDF : 4587358.3/36

All: 6.039 ± 0.000 χ^2/NDF : 1645057450595

- sign 18.504 ± 0.000 χ^2/NDF : 16166458.0/36

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 11.641 $\pm$ 0.008 χ^2 /NDF: 73314.0/19

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

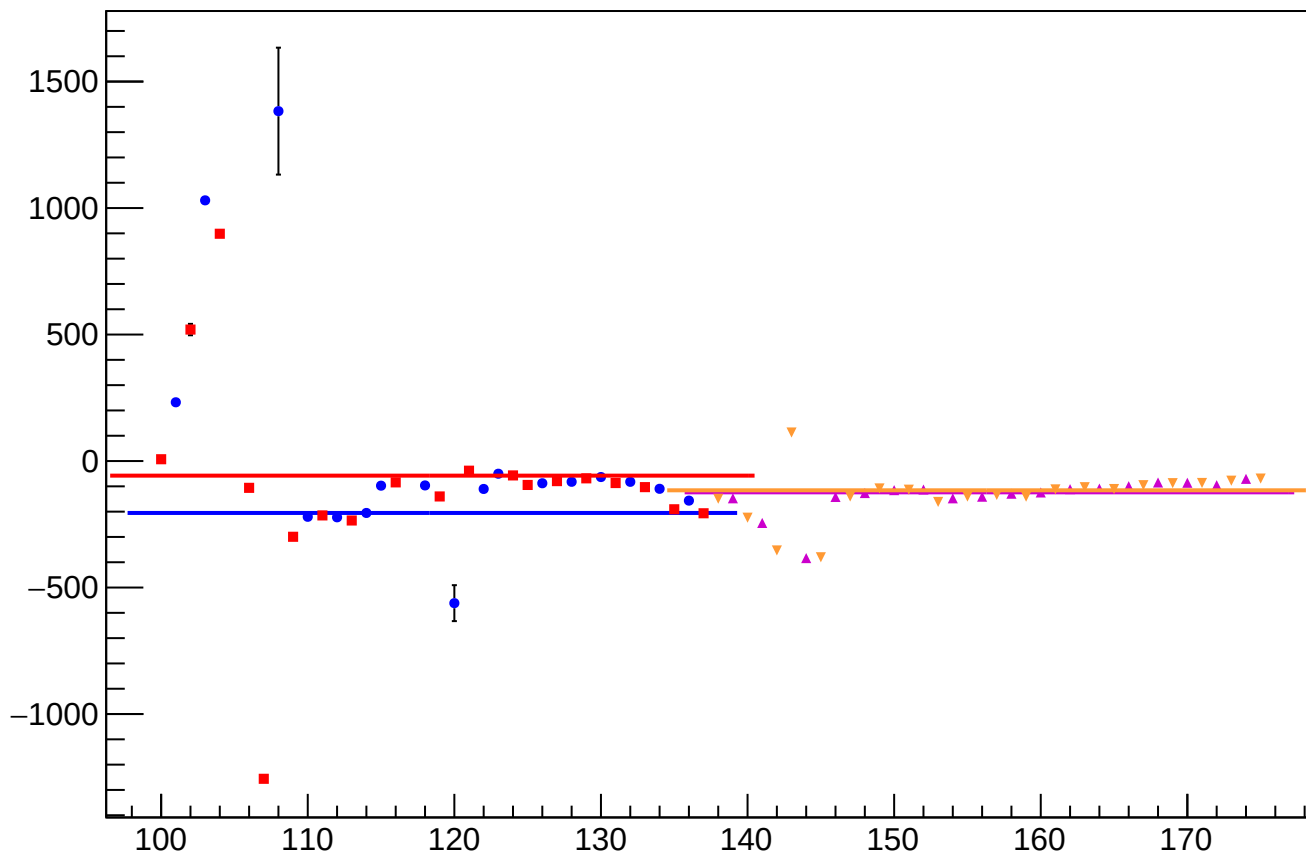
Left In: 11.869 $\pm$ 0.009 χ^2 /NDF: 65135.7/17

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 570520.1/36

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 10042819.0/36

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 χ^2/NDF : 582775.6/16

Left Out: -115.660 ± 0.207 χ^2/NDF : 55634.8/19

Right Out: -57.684 ± 0.283 χ^2/NDF : 114854.9/18

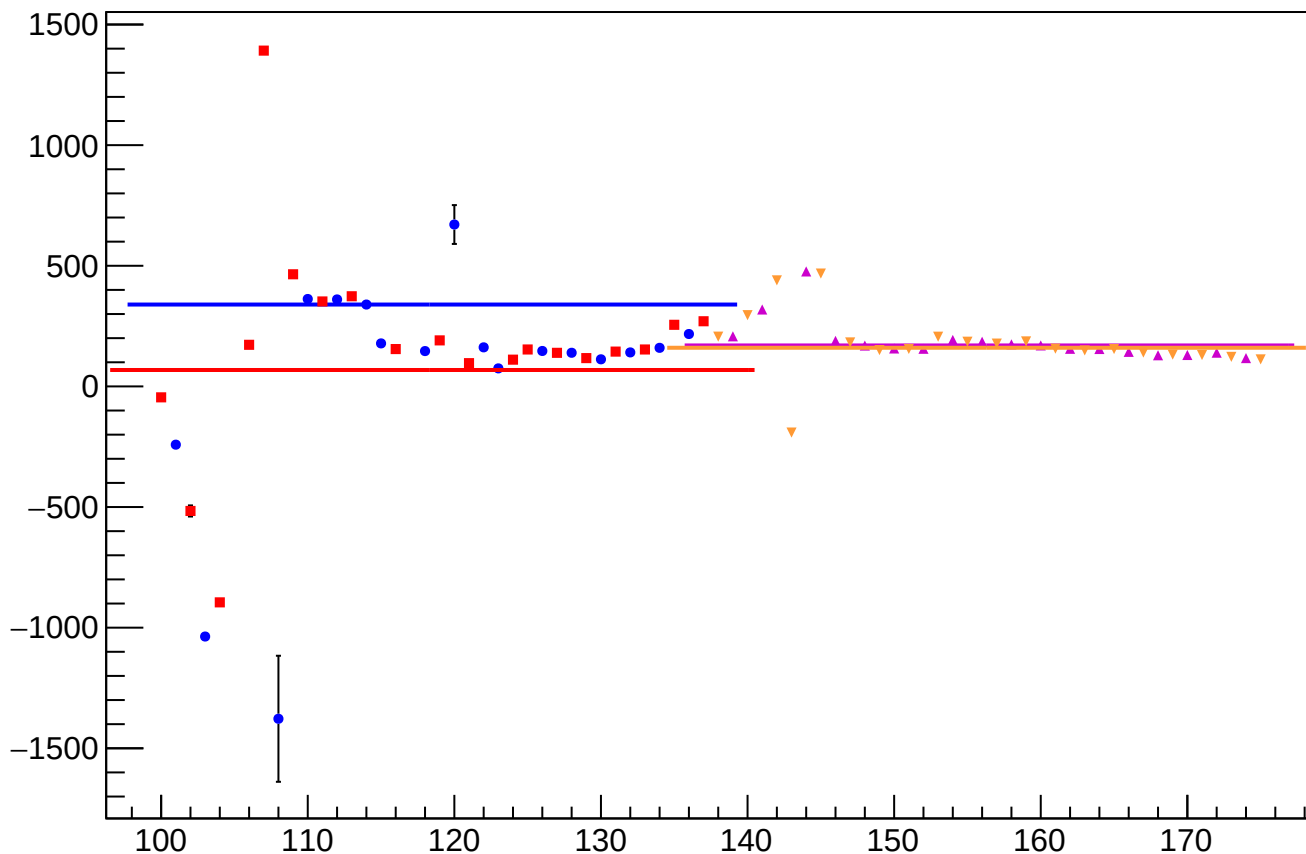
Left In: -123.712 ± 0.241 χ^2/NDF : 59601.7/17

+ sign -205.160 ± 0.000 χ^2/NDF : 824763.5/36

All: -205.160 ± 0.000 χ^2/NDF : 1384200.2/73

- sign -95.979 ± 0.184 χ^2/NDF : 205950.1/36

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 160.174+/-0.212 χ^2/NDF : 89969.6/19

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

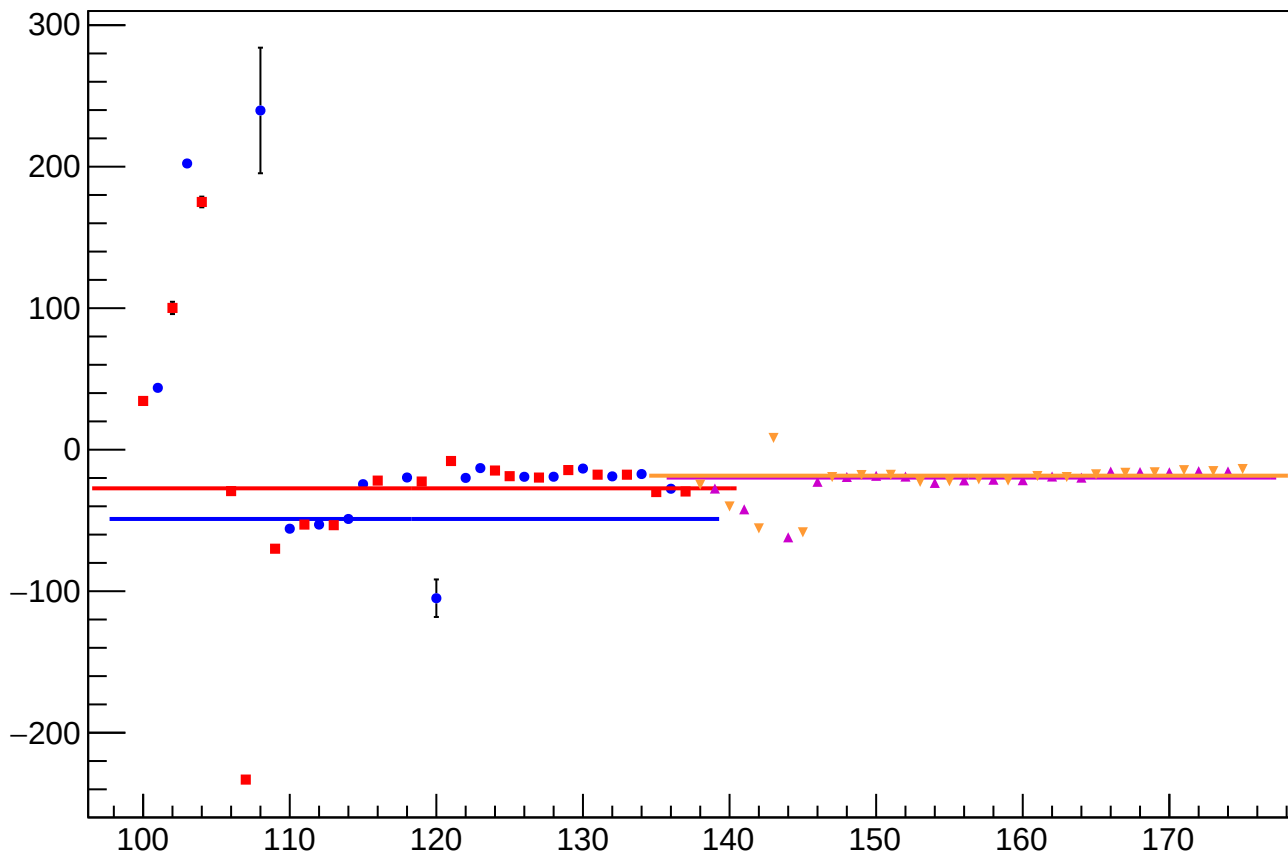
Left In: 169.776+/-0.246 χ^2/NDF : 65139.0/17

+ sign 339.325+/-0.000 χ^2/NDF : 1834931.6/36

All: 339.325+/-0.000 χ^2/NDF : 3545608.8/73

- sign 126.459+/-0.187 χ^2/NDF : 410121.7/36

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 5408370.4/16

Left Out: -18.356 ± 0.011 χ^2/NDF : 588294.9/19

Right Out: -27.303 ± 0.052 χ^2/NDF : 167879.9/18

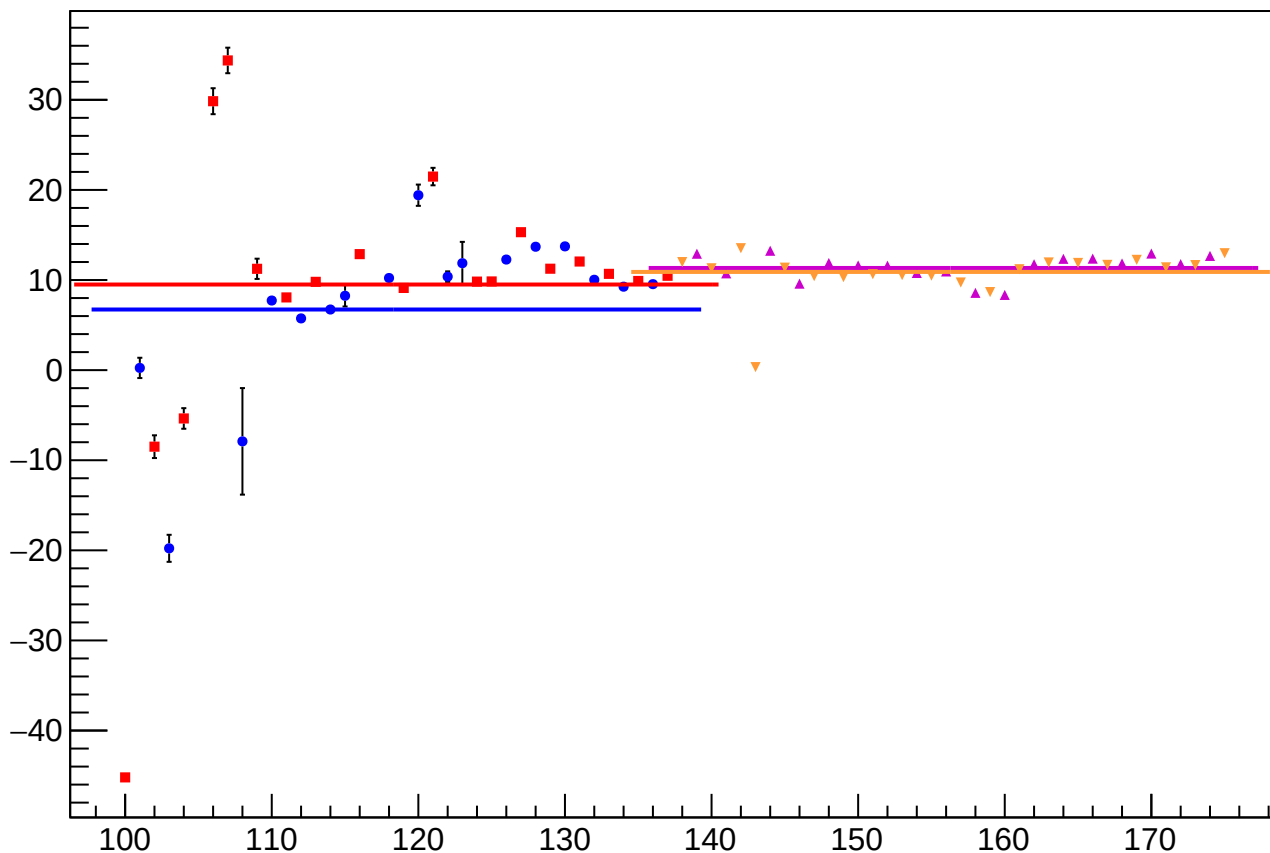
Left In: -19.709 ± 0.014 χ^2/NDF : 165687.0/17

+ sign -48.945 ± 0.000 χ^2/NDF : 13286606.6/36

All: -48.945 ± 0.000 χ^2/NDF : 18119514.6/73

- sign -20.232 ± 0.014 χ^2/NDF : 353660.8/36

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 10.899 ± 0.014 χ^2/NDF : 27766.3/19

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

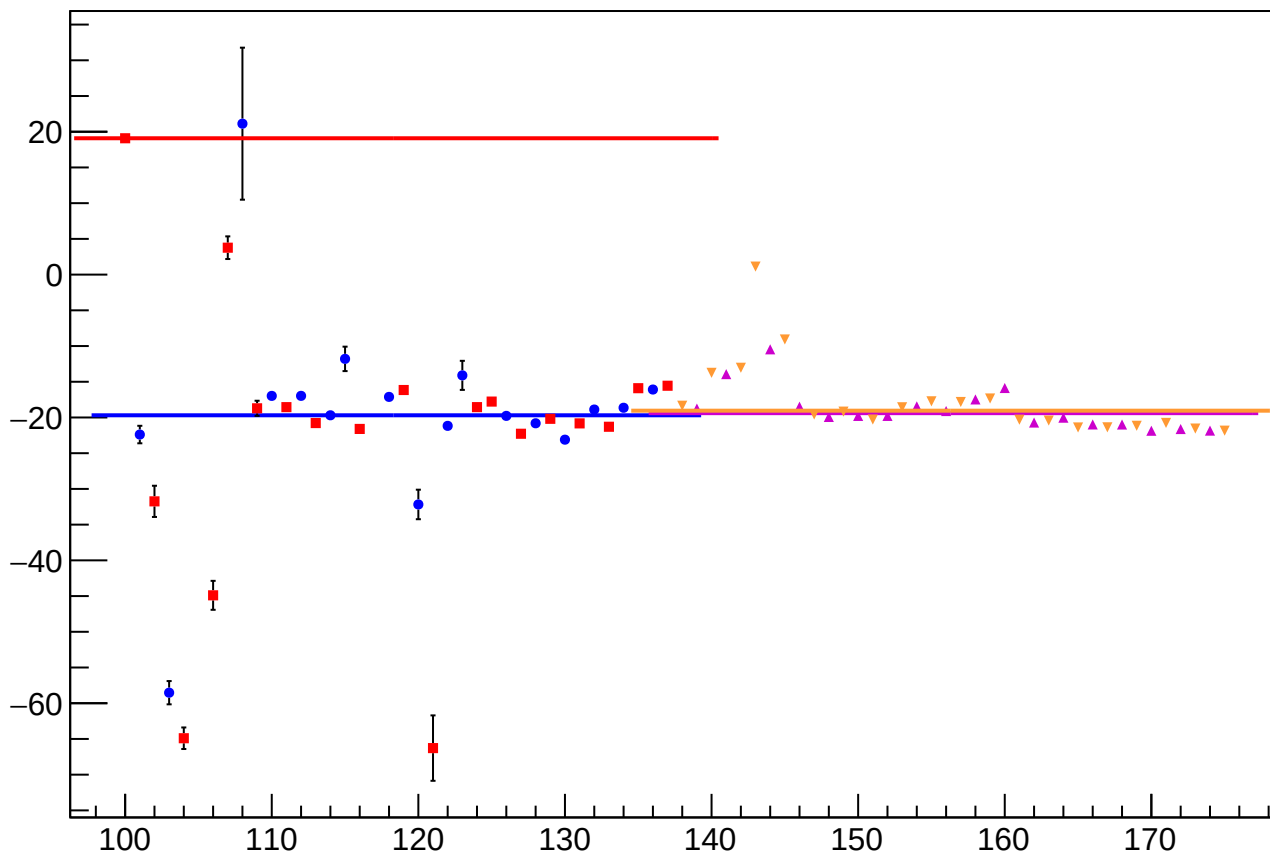
Left In: 11.339 ± 0.012 χ^2/NDF : 13011.3/17

+ sign 6.728 ± 0.000 χ^2/NDF : 131545.1/36

All: 6.728 ± 0.000 χ^2/NDF : 326595.1/73

- sign 11.153 ± 0.011 χ^2/NDF : 42224.6/36

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -19.049 ± 0.016 χ^2/NDF : 52986.3/19

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

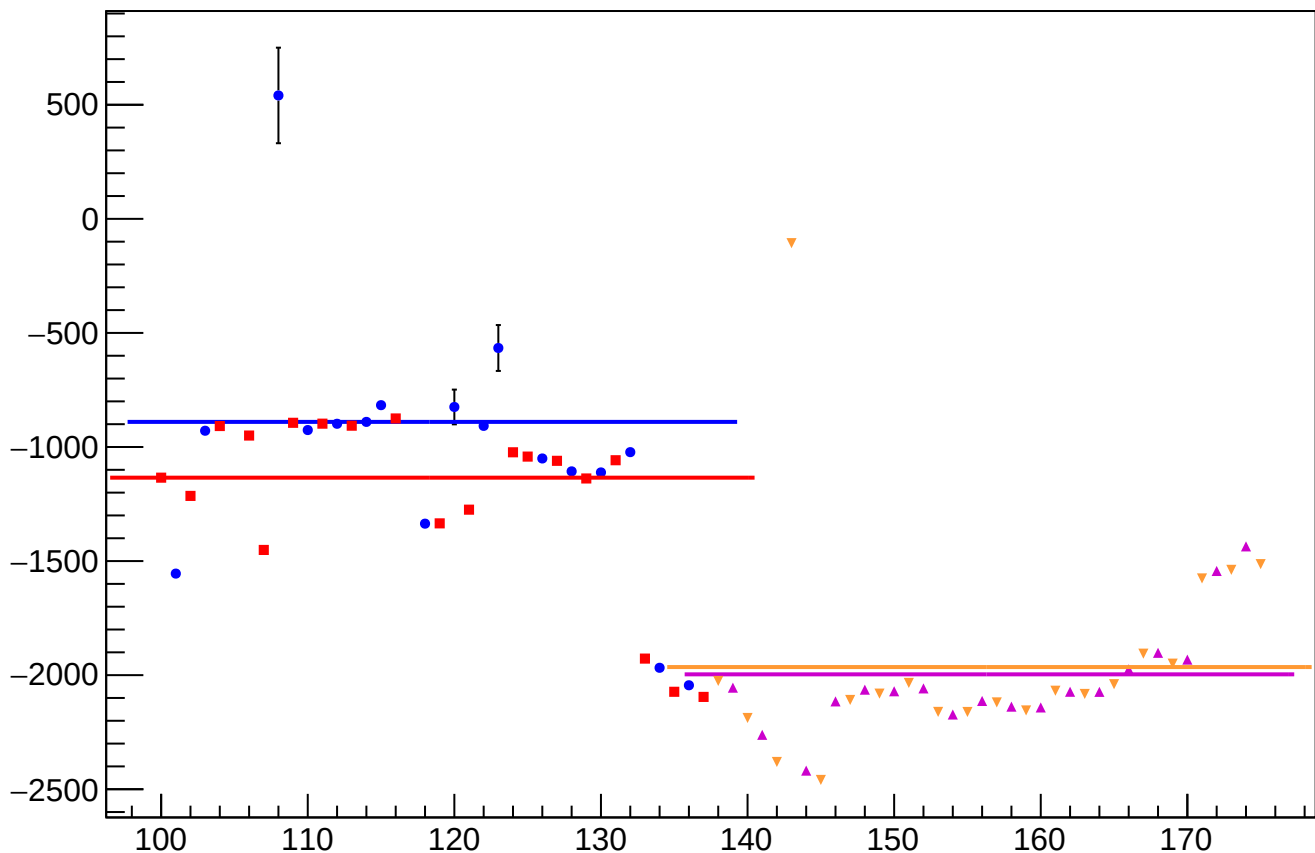
Left In: -19.395 ± 0.017 χ^2/NDF : 15250.7/17

+ sign -19.693 ± 0.000 χ^2/NDF : 62156.6/36

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 5956169.7/36

dit_atl2_4aX_slope vs Slug



Right In: -889.928 ± 0.000 χ^2/NDF : 775896.0/16

Left Out: -1964.538 ± 0.384 χ^2/NDF : 560153.6/19

Right Out: -1134.421 ± 0.000 χ^2/NDF : 733812.0/18

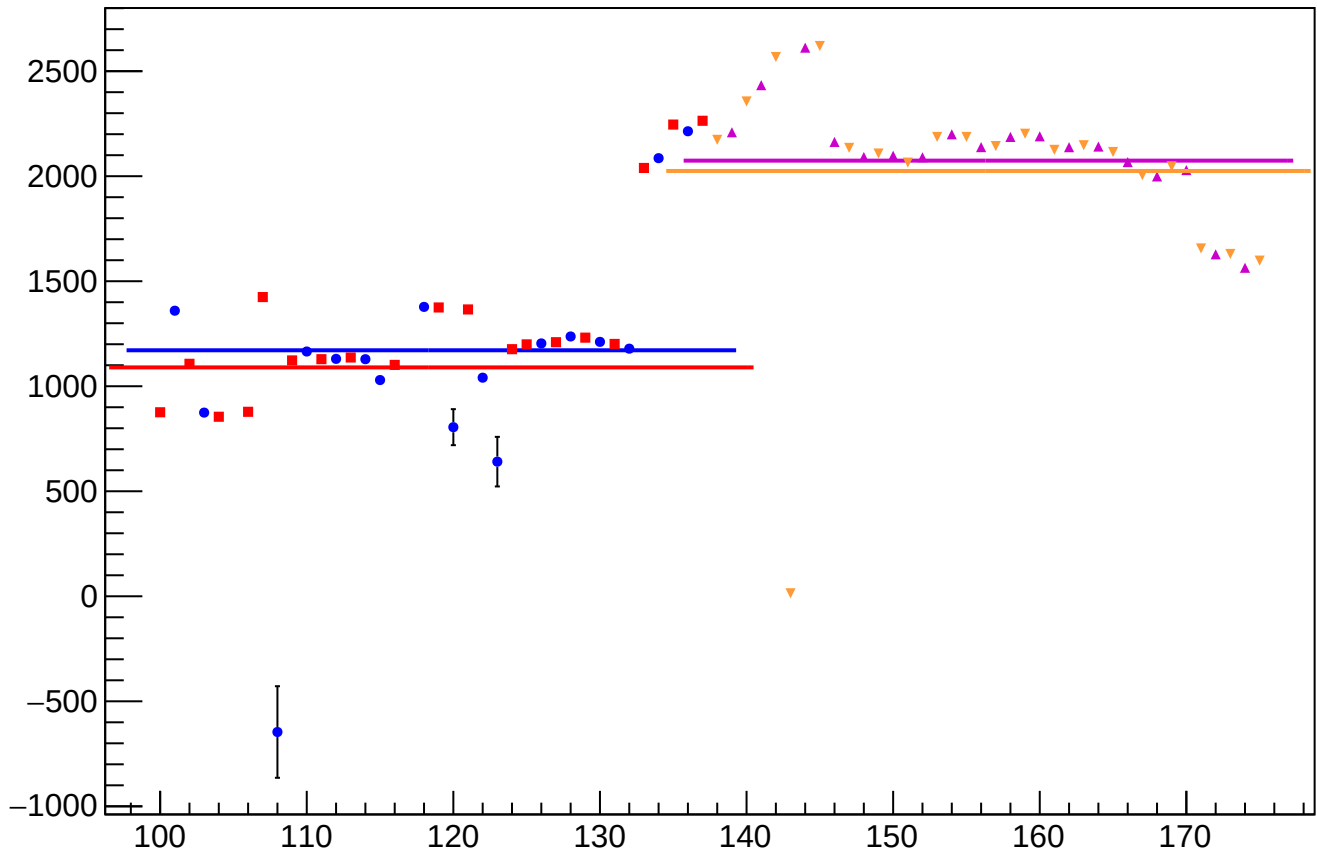
Left In: -1996.473 ± 0.403 χ^2/NDF : 374284.6/17

+ sign -889.928 ± 0.000 χ^2/NDF : 9149459.7/36

All: -976.220 ± 0.000 χ^2/NDF : 44889787387

- sign -1134.421 ± 0.000 χ^2/NDF : 5680163.9/36

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2024.948 $\pm$ 0.383 χ^2 /NDF: 566299.1/19

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

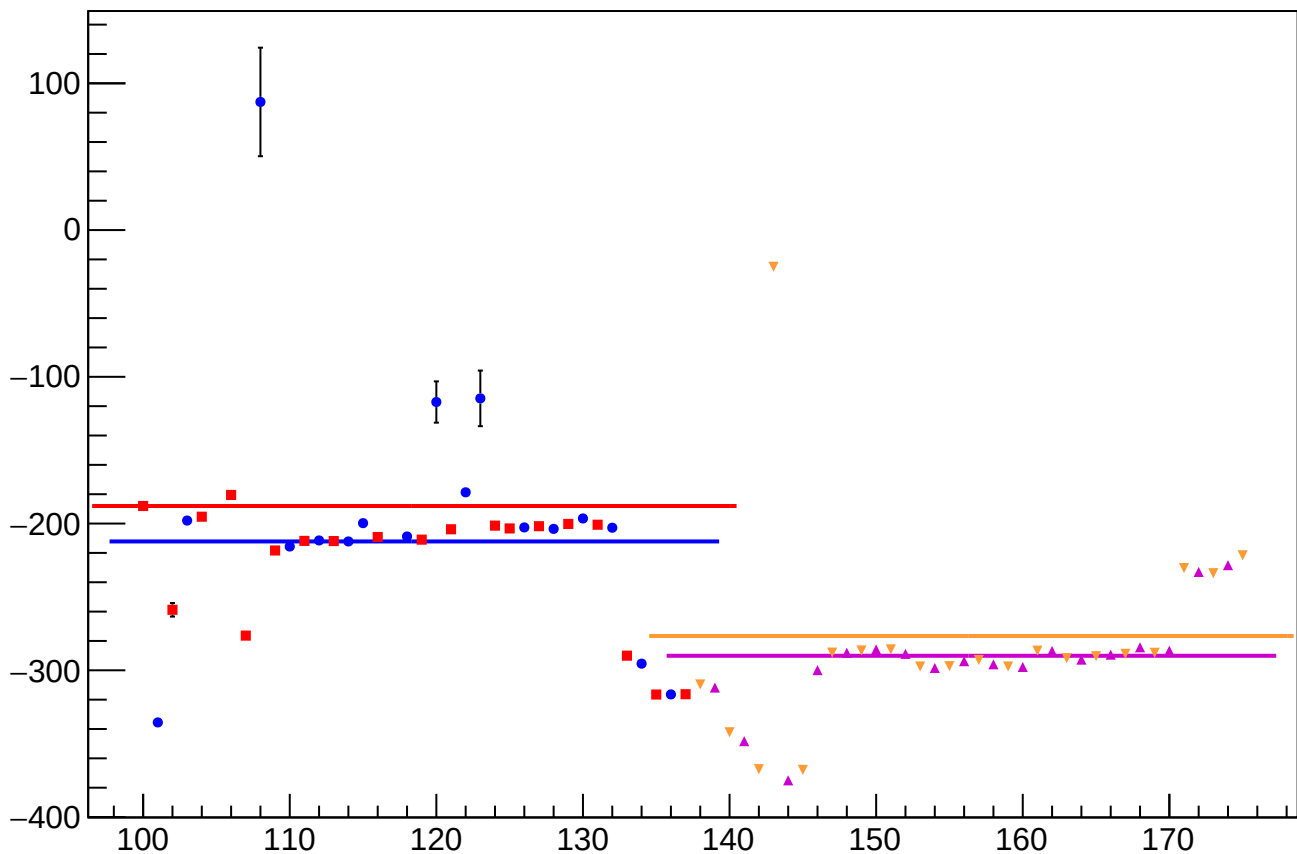
Left In: 2074.134 $\pm$ 0.408 χ^2 /NDF: 318392.5/17

+ sign 1420.061 $\pm$ 0.207 χ^2 /NDF: 4604356.5/36

All: 1393.169 $\pm$ 0.149 χ^2 /NDF: 10261499.8/7

- sign 1363.955 $\pm$ 0.215 χ^2 /NDF: 5621772.4/36

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -276.616+/-0.024 χ^2/NDF : 6150209.4/19

Right Out: -188.033+/-0.000 χ^2/NDF : 602264.3/18

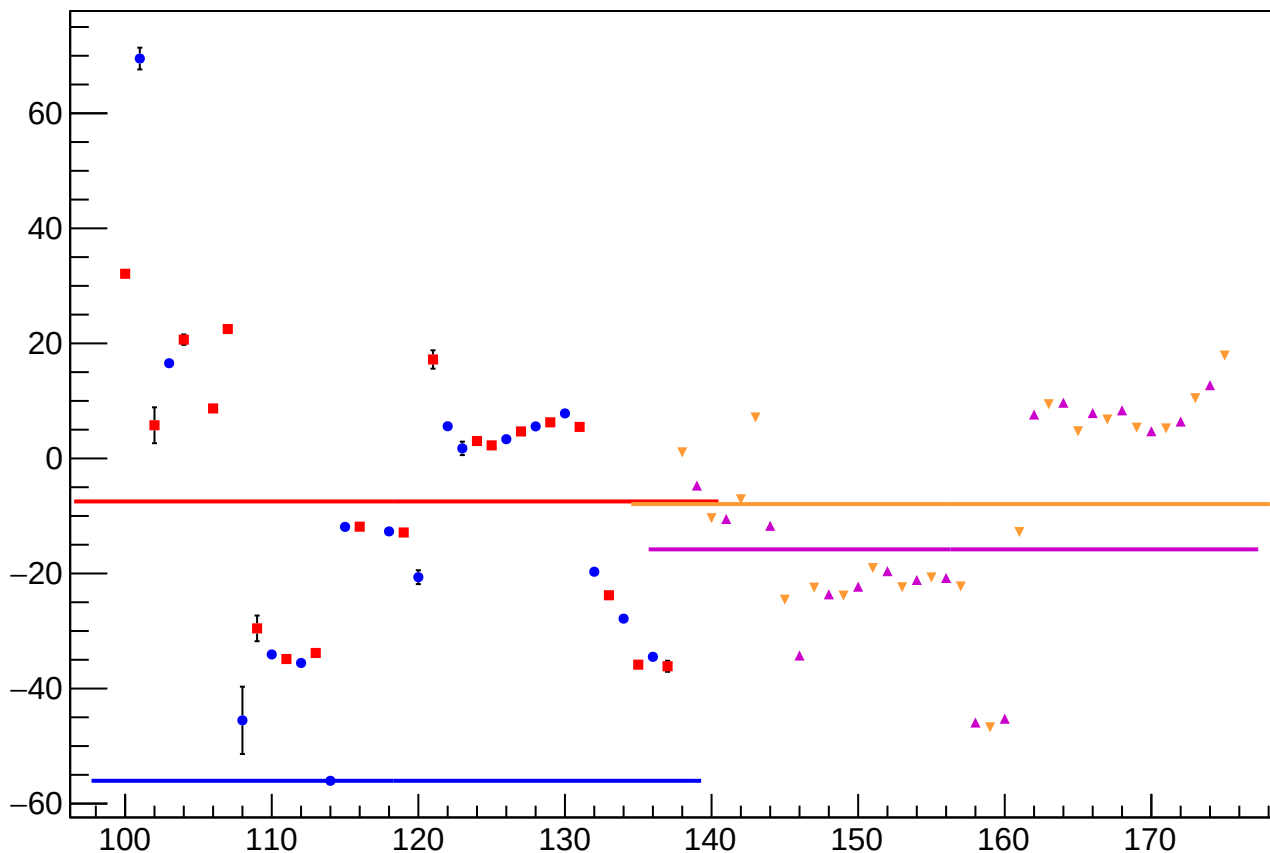
Left In: -290.099+/-0.023 χ^2/NDF : 887456.3/17

+ sign -212.190+/-0.000 χ^2/NDF : 14714679.3/36

All: -195.625+/-0.000 χ^2/NDF : 13622303625

- sign -188.033+/-0.000 χ^2/NDF : 20467775.6/36

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -7.932 ± 0.019 χ^2/NDF : 1042165.1/19

Right Out: -7.476 ± 0.042 χ^2/NDF : 173893.8/18

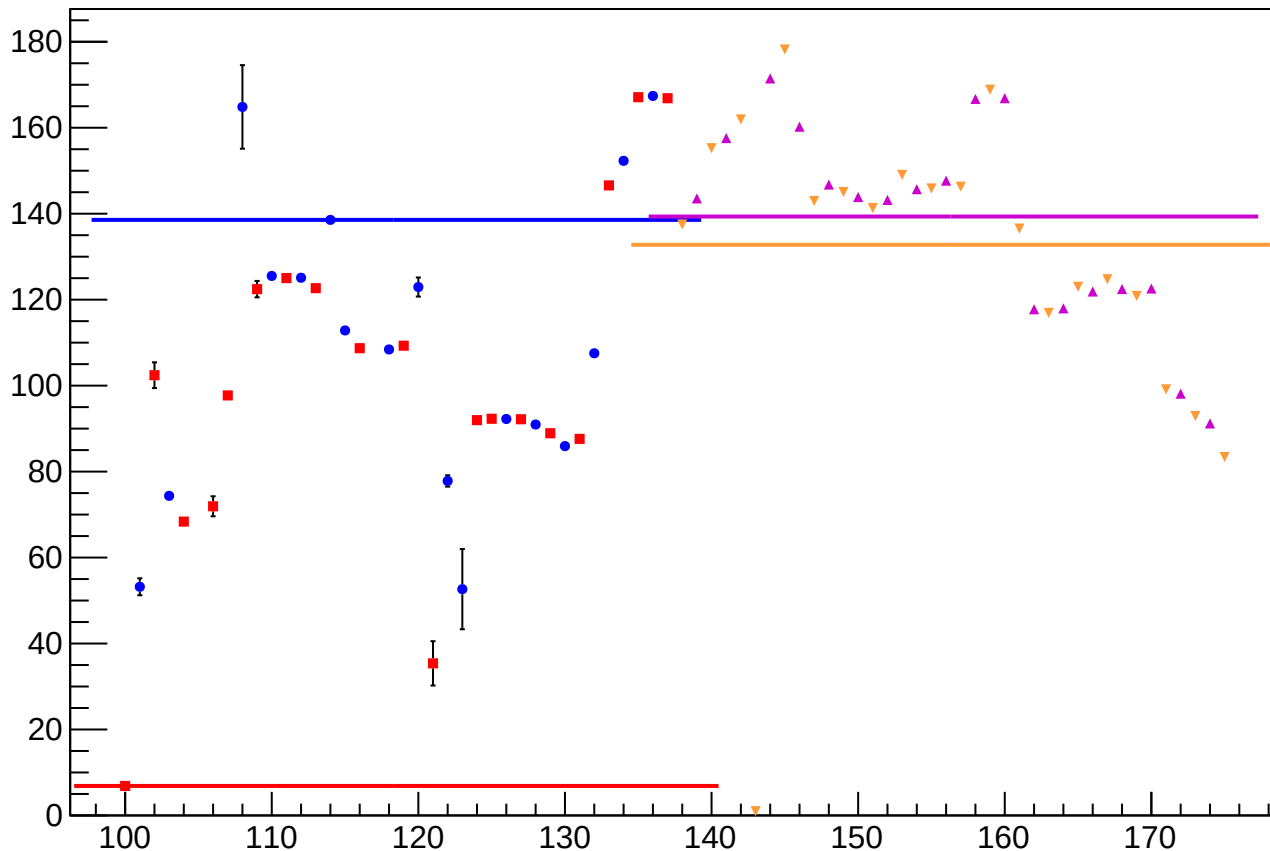
Left In: -15.806 ± 0.020 χ^2/NDF : 1207709.6/17

+ sign -56.037 ± 0.000 χ^2/NDF : 8873854.5/36

All: -56.037 ± 0.000 χ^2/NDF : 15497182.7/73

- sign -14.236 ± 0.018 χ^2/NDF : 1413255.6/36

dit_atl2_4eY_slope vs Slug



Right In: 138.565 ± 0.000 χ^2/NDF : 901159.7/16

Left Out: 132.766 ± 0.027 χ^2/NDF : 842693.3/19

Right Out: 6.866 ± 0.000 χ^2/NDF : 8047391.7/18

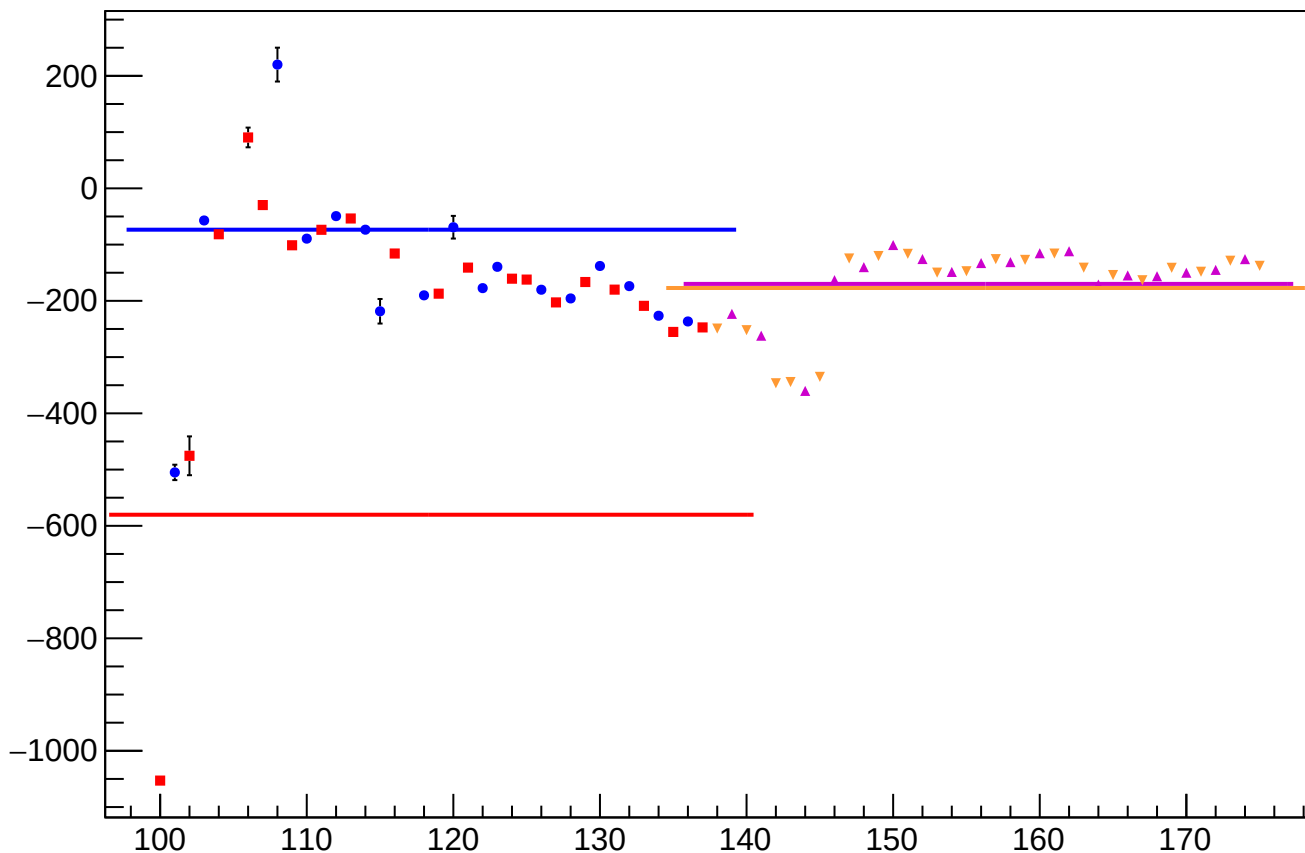
Left In: 139.343 ± 0.029 χ^2/NDF : 498934.2/17

+ sign 138.565 ± 0.000 χ^2/NDF : 1788960.6/36

All: 7.101 ± 0.000 χ^2/NDF : 23576822681928

- sign 6.866 ± 0.000 χ^2/NDF : 28888533.3/36

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -177.148 ± 0.259 $\chi^2/\text{NDF}: 72491.0/19$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

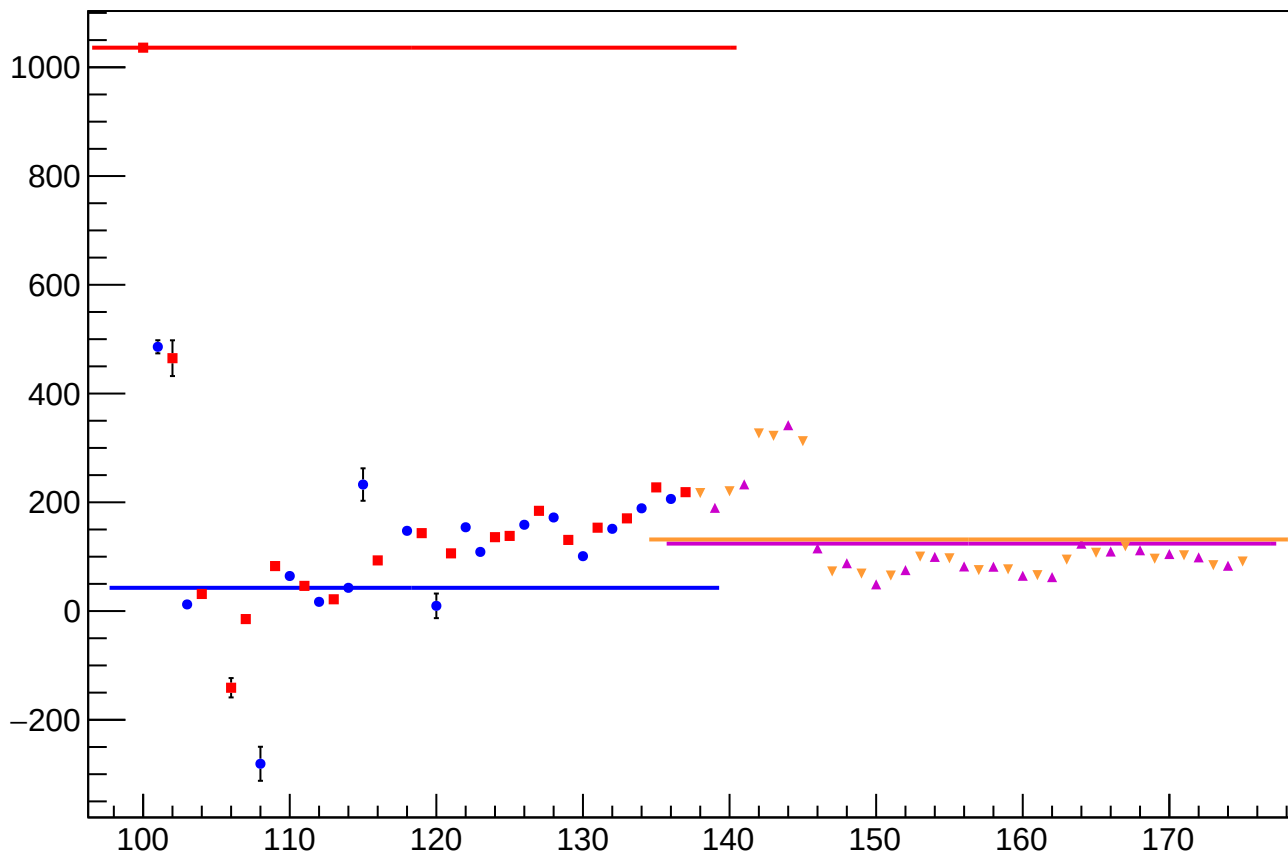
Left In: -169.867 ± 0.270 $\chi^2/\text{NDF}: 66533.6/17$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 331852.9/36$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7329170.9/73$

- sign -382.094 ± 0.188 $\chi^2/\text{NDF}: 4292545.2/36$

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 131.656+/-0.264 χ^2/NDF : 86511.0/19

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

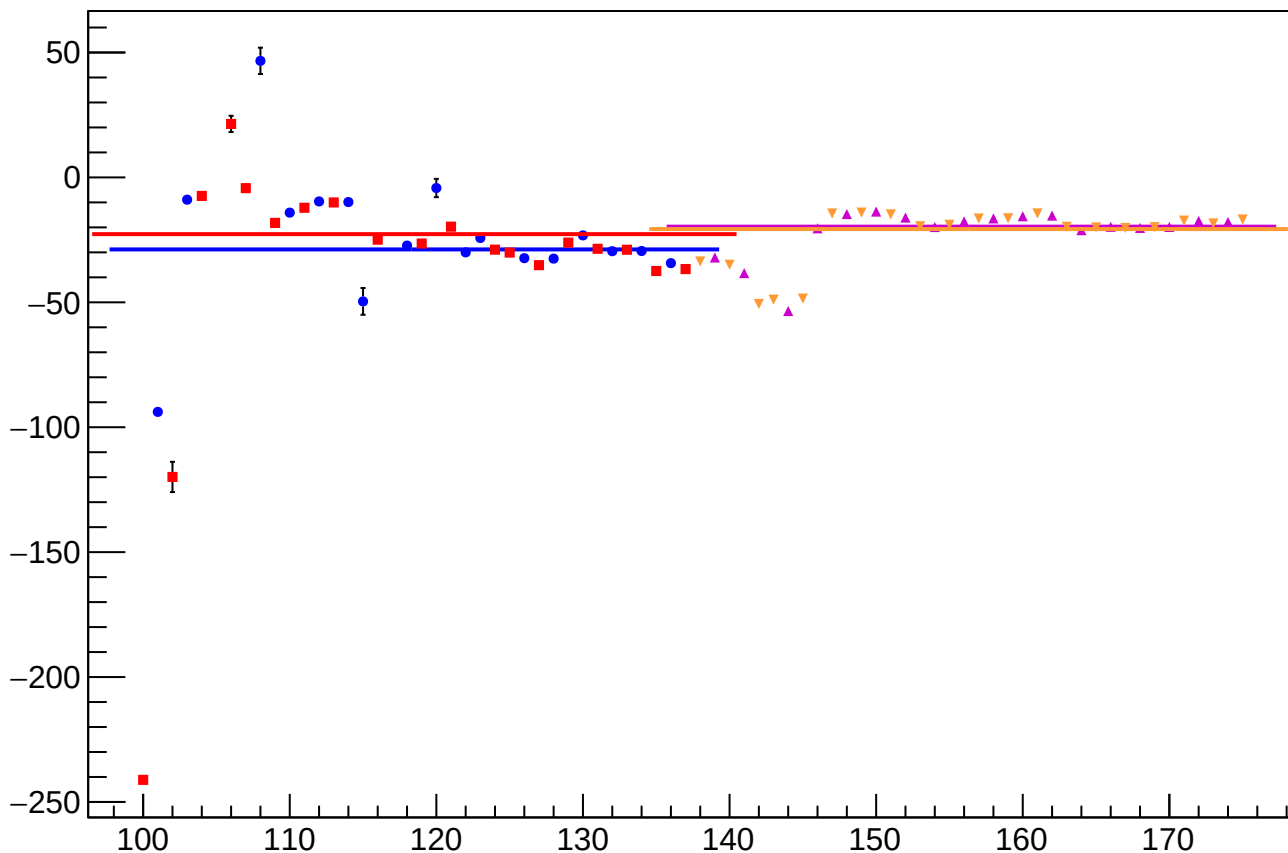
Left In: 124.072+/-0.277 χ^2/NDF : 74827.4/17

+ sign 42.743+/-0.000 χ^2/NDF : 284959.4/36

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 15859388.3/36

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -20.674 ± 0.014 $\chi^2/\text{NDF}: 352568.8/19$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

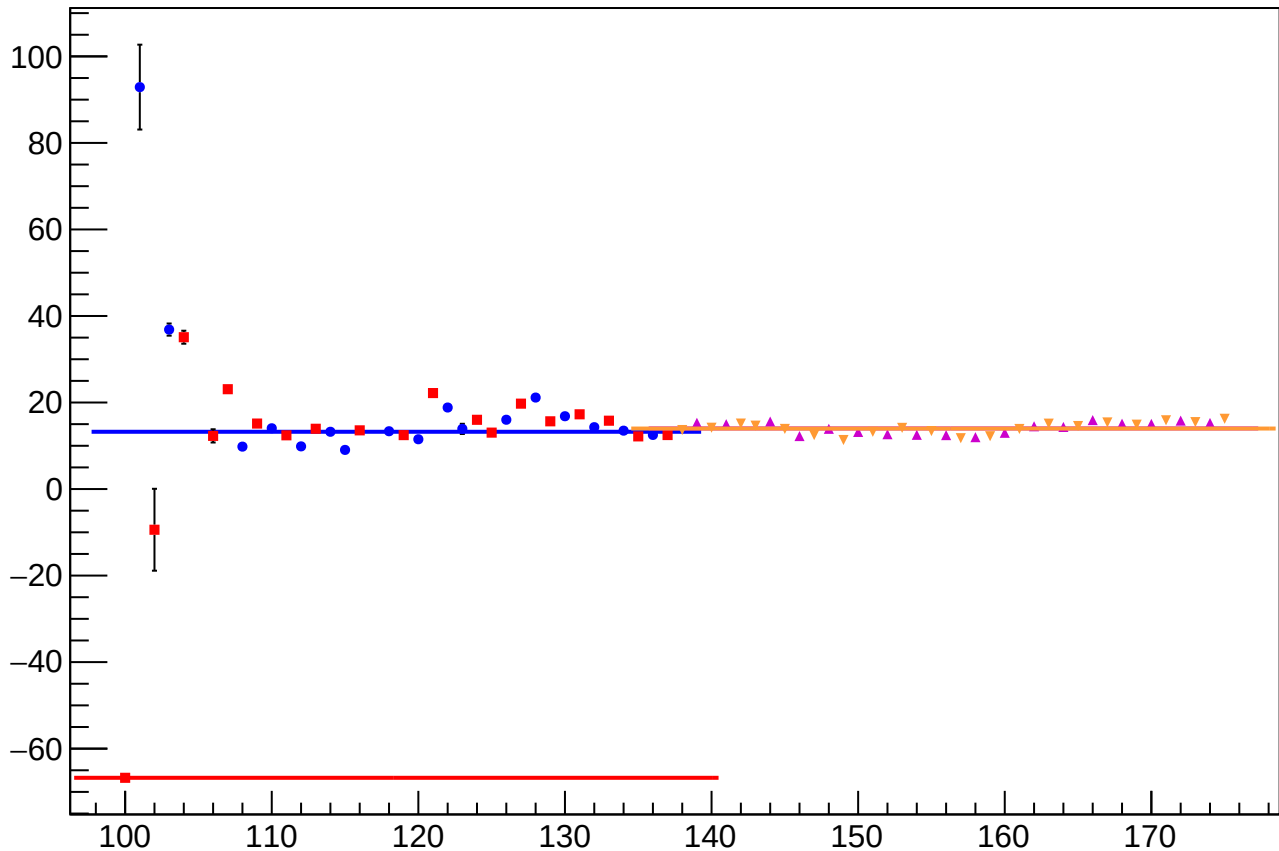
Left In: -19.711 ± 0.015 $\chi^2/\text{NDF}: 203301.9/17$

+ sign -21.762 ± 0.013 $\chi^2/\text{NDF}: 449742.5/36$

All: -21.041 ± 0.009 $\chi^2/\text{NDF}: 1075838.4/73$

- sign -20.131 ± 0.014 $\chi^2/\text{NDF}: 618796.9/36$

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 13.984 $\pm$ 0.013 χ^2 /NDF: 9052.4/19

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

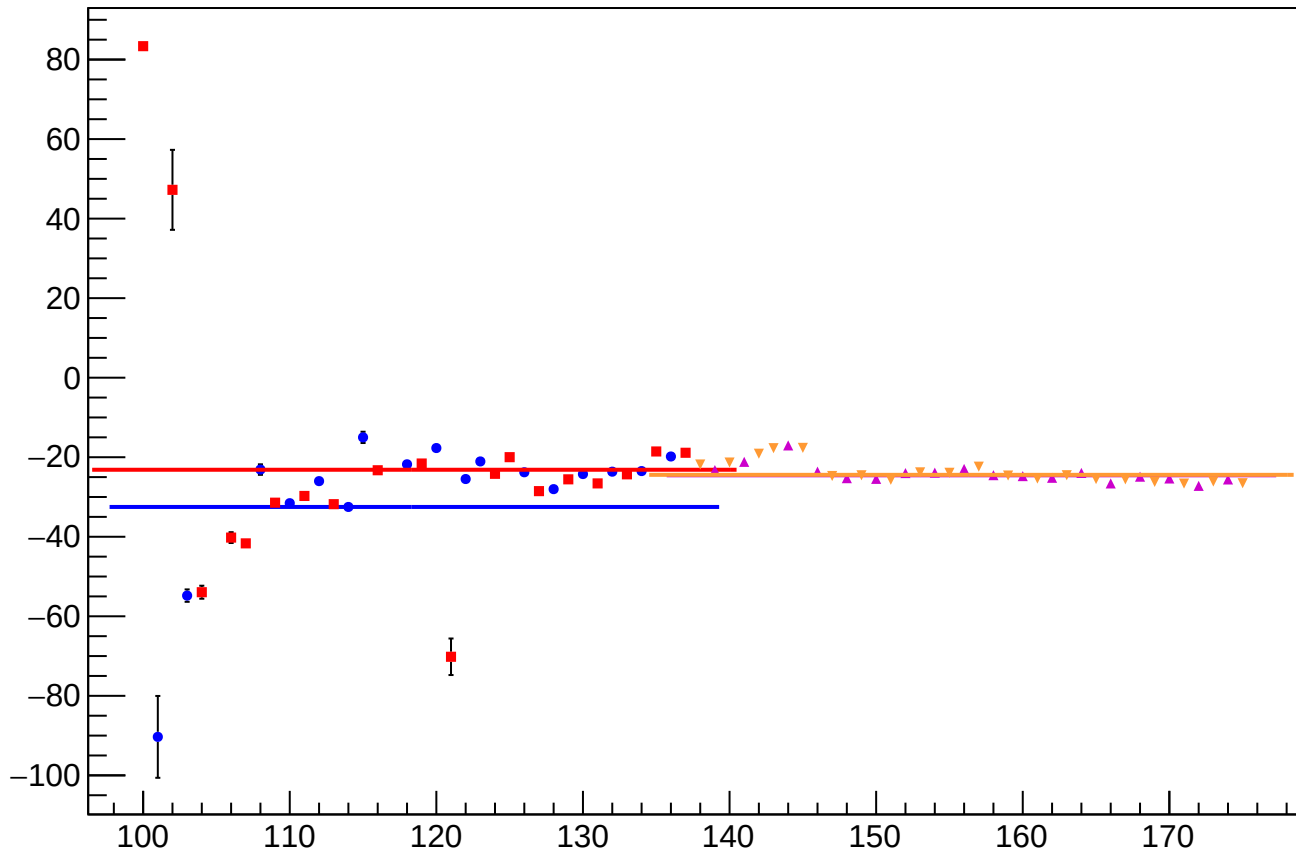
Left In: 14.005 $\pm$ 0.014 χ^2 /NDF: 8731.1/17

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 18075.8/36

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

- sign -66.739 $\pm$ 0.000 χ^2 /NDF: 38206586.0/36

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -24.428 ± 0.017 χ^2/NDF : 20417.4/19

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

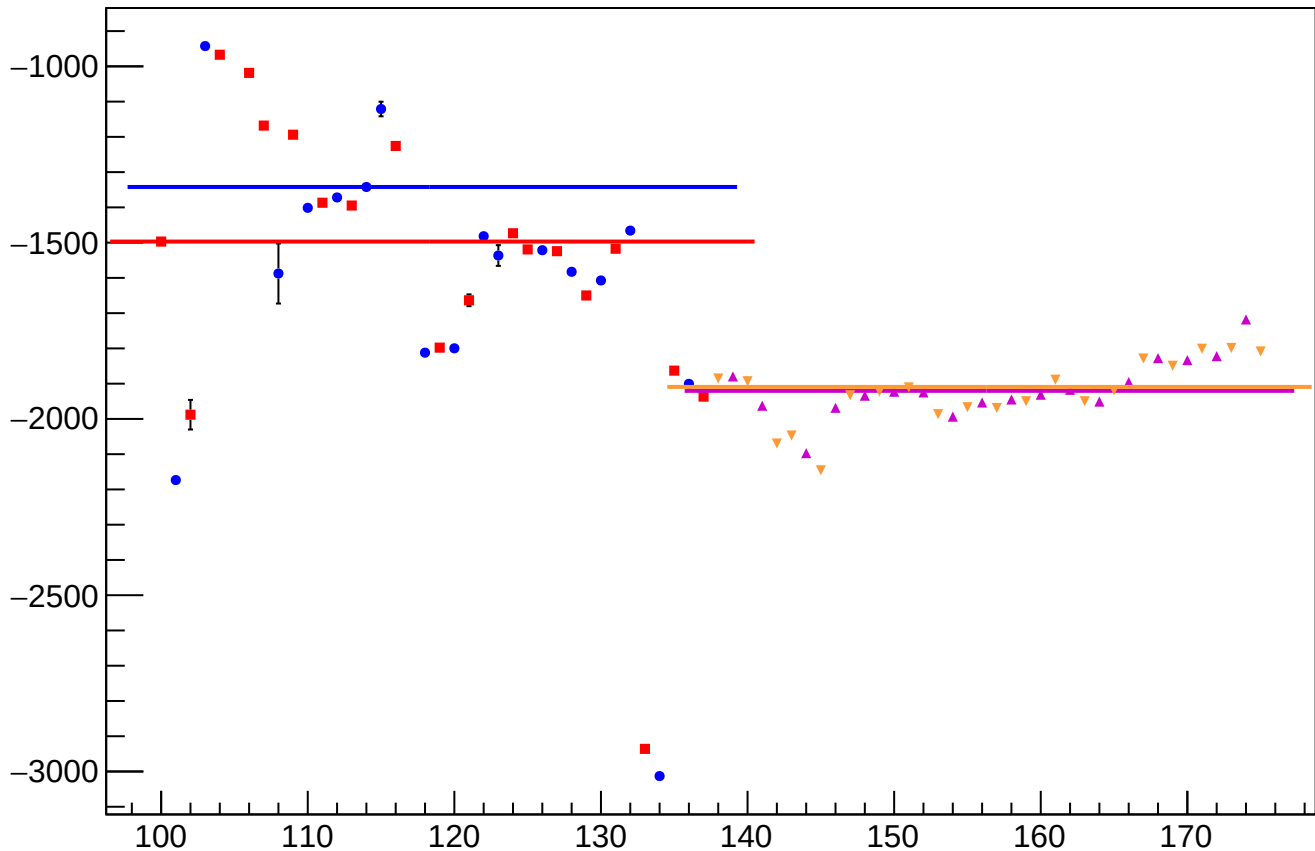
Left In: -24.551 ± 0.017 χ^2/NDF : 9803.4/17

+ sign -32.504 ± 0.000 χ^2/NDF : 328365.1/36

All: -32.504 ± 0.000 χ^2/NDF : 690078.9/73

- sign -24.395 ± 0.016 χ^2/NDF : 101320.4/36

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1909.170+/-0.342 χ^2/NDF : 51864.9/19

Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

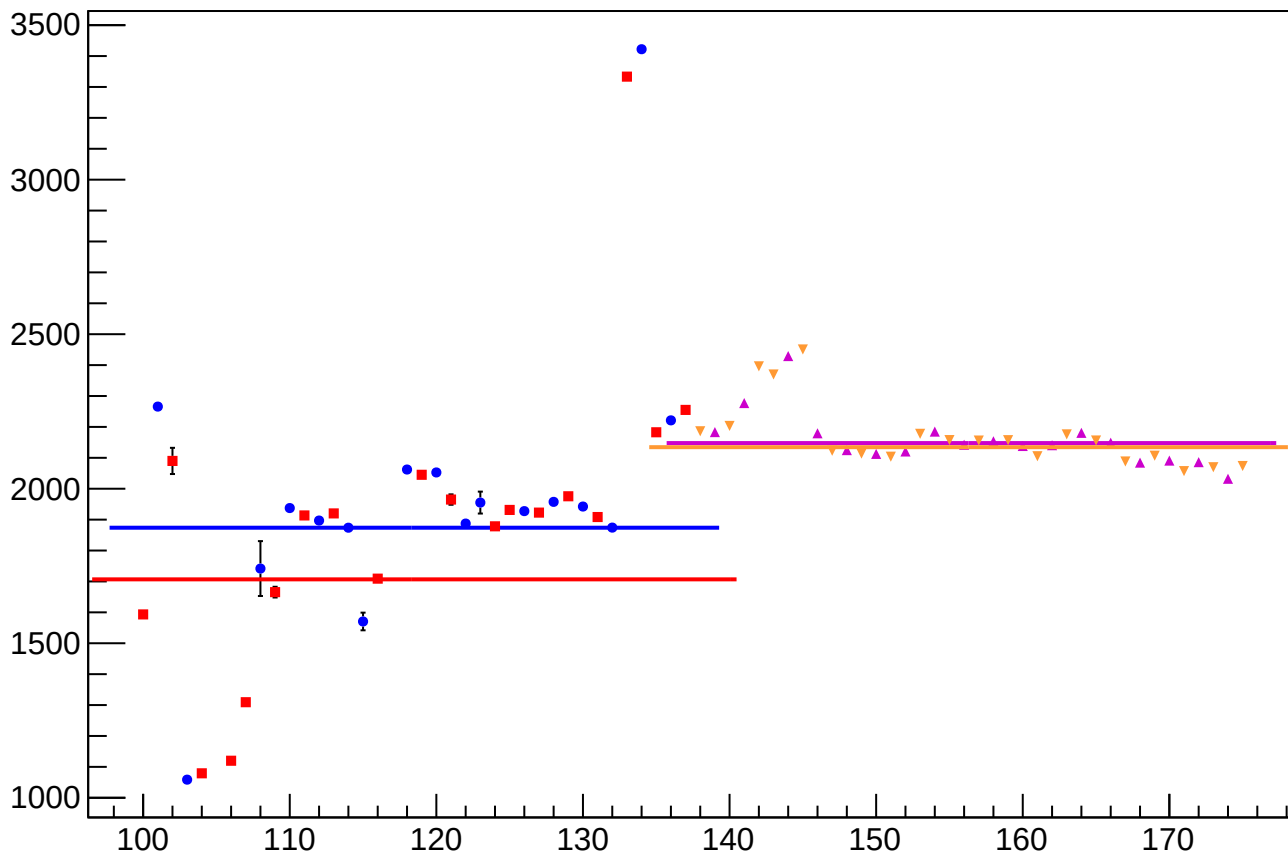
Left In: -1920.339+/-0.312 χ^2/NDF : 45233.5/17

+ sign -1342.107+/-0.000 χ^2/NDF : 3170083.0/36

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

- sign -1496.932+/-0.000 χ^2/NDF : 2386263.2/36

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2134.424+/-0.341 χ^2/NDF : 43101.8/19

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

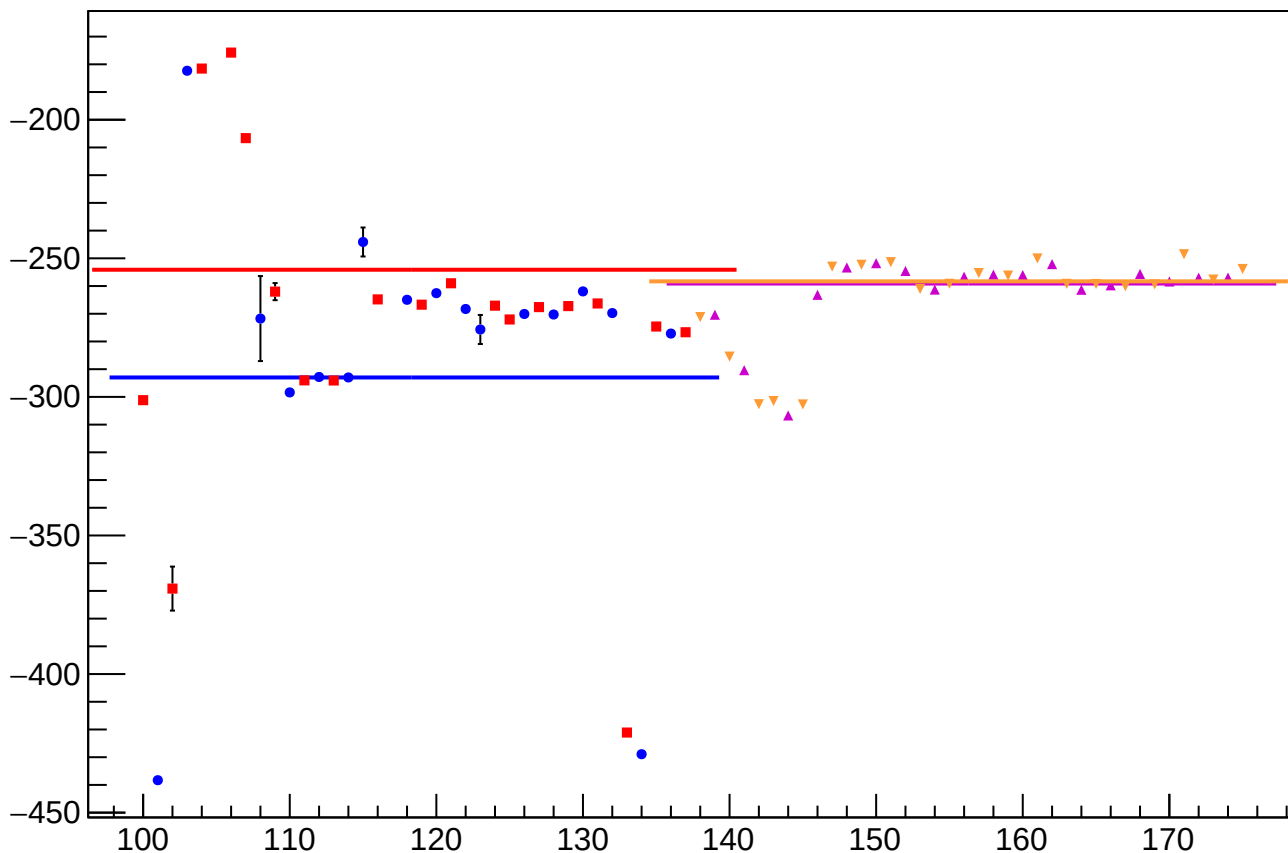
Left In: 2147.701+/-0.313 χ^2/NDF : 47123.9/17

+ sign 1873.852+/-0.000 χ^2/NDF : 829306.5/36

All: 1873.852+/-0.000 χ^2/NDF : 2786397.2/73

- sign 1919.786+/-0.217 χ^2/NDF : 1912447.7/36

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -258.309 ± 0.021 $\chi^2/\text{NDF}: 214894.5/19$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

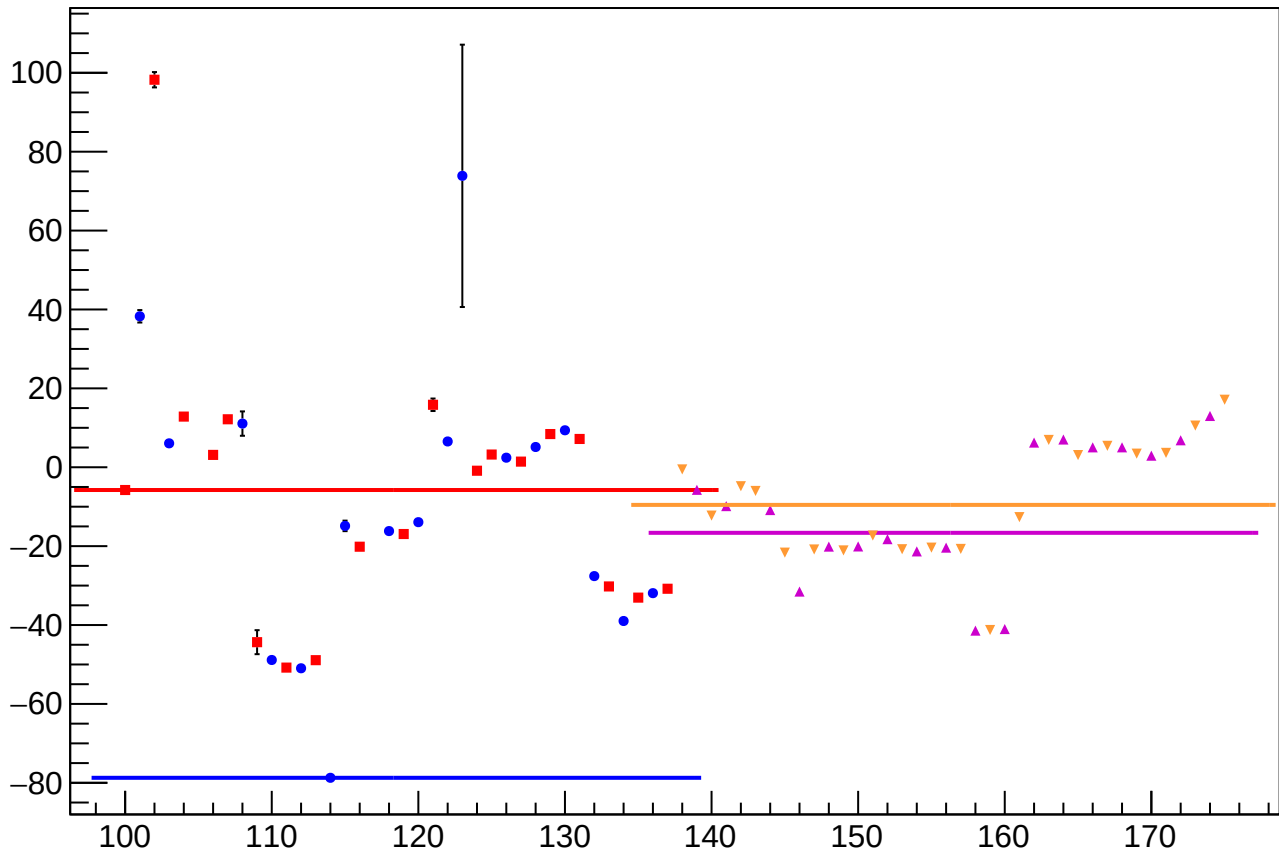
Left In: -259.102 ± 0.019 $\chi^2/\text{NDF}: 250241.1/17$

+ sign -292.986 ± 0.000 $\chi^2/\text{NDF}: 3905463.9/36$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 8384705.4/73$

- sign -258.648 ± 0.018 $\chi^2/\text{NDF}: 759384.4/36$

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -9.542 ± 0.019 $\chi^2/\text{NDF}: 820494.3/19$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

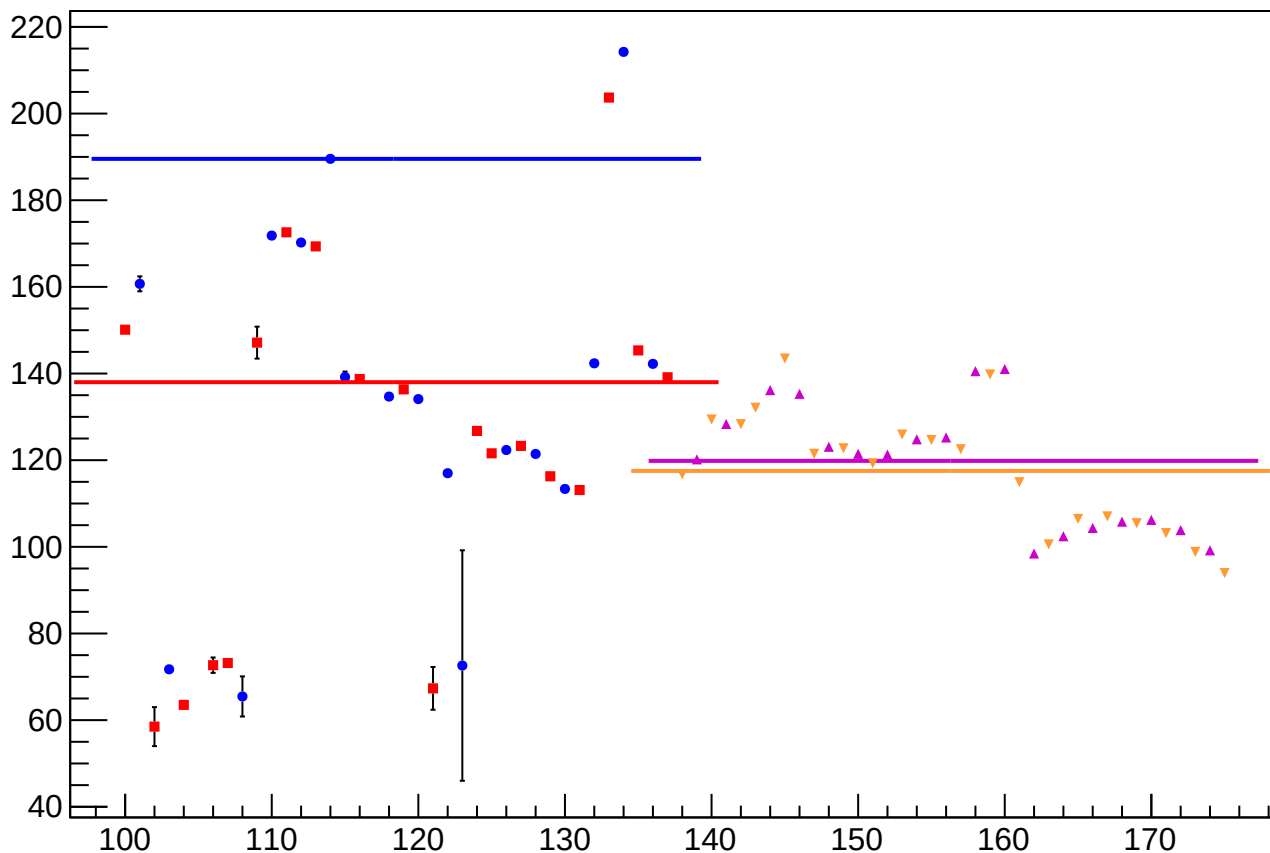
Left In: -16.623 ± 0.018 $\chi^2/\text{NDF}: 961230.7/17$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 15972605.0/36$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

- sign -5.769 ± 0.000 $\chi^2/\text{NDF}: 1445369.8/36$

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 117.524 $\pm$ 0.024 χ^2 /NDF: 271805.5/19

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

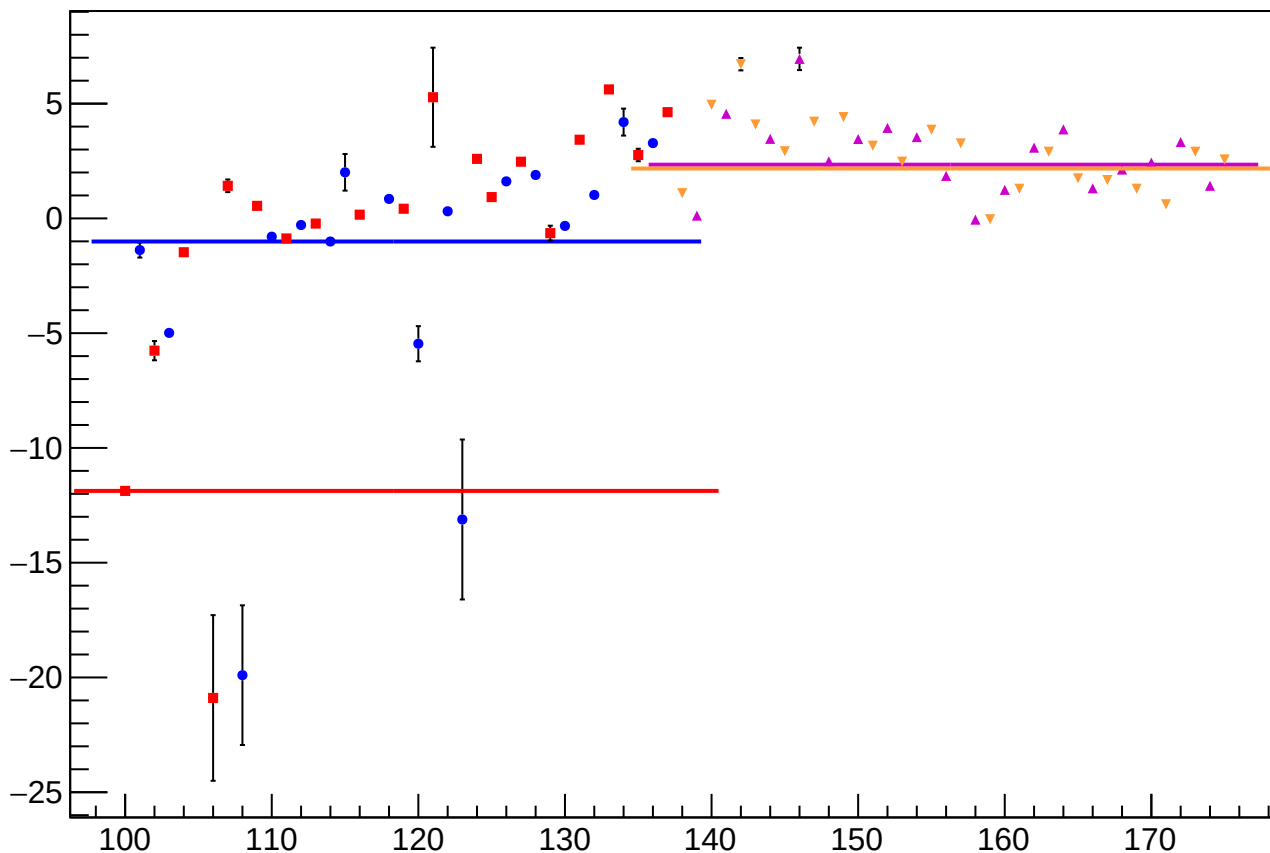
Left In: 119.837 $\pm$ 0.025 χ^2 /NDF: 296958.9/17

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 10292365.1/36

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 19234024.3/73

- sign 122.600 $\pm$ 0.023 χ^2 /NDF: 494507.6/36

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.173 ± 0.017 χ^2/NDF : 5976.4/19

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

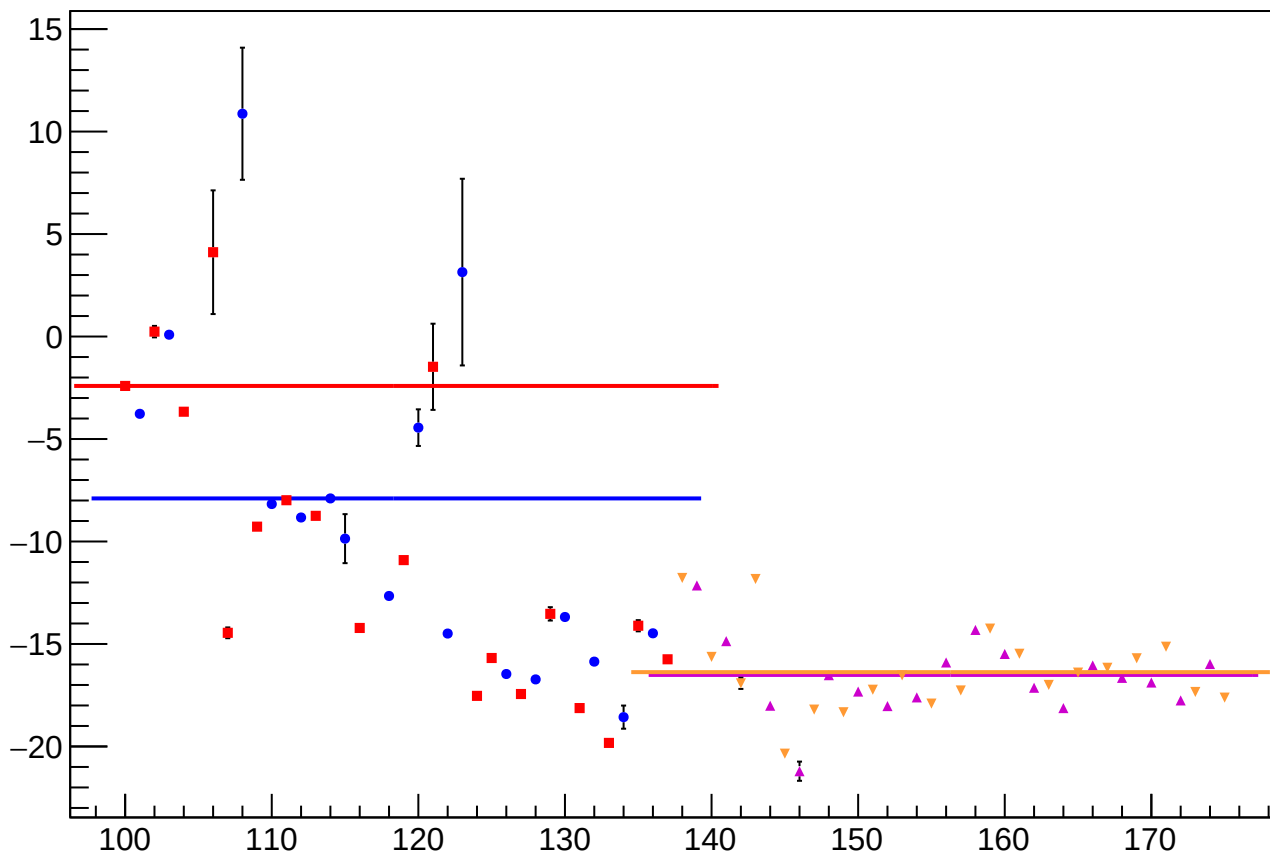
Left In: 2.341 ± 0.016 χ^2/NDF : 7002.1/17

+ sign -1.007 ± 0.000 χ^2/NDF : 47027.6/36

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1340819.5/36

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF : 39443.5/16

Left Out: -16.373+/-0.017 χ^2/NDF : 7577.1/19

Right Out: -2.410+/-0.000 χ^2/NDF : 203043.8/18

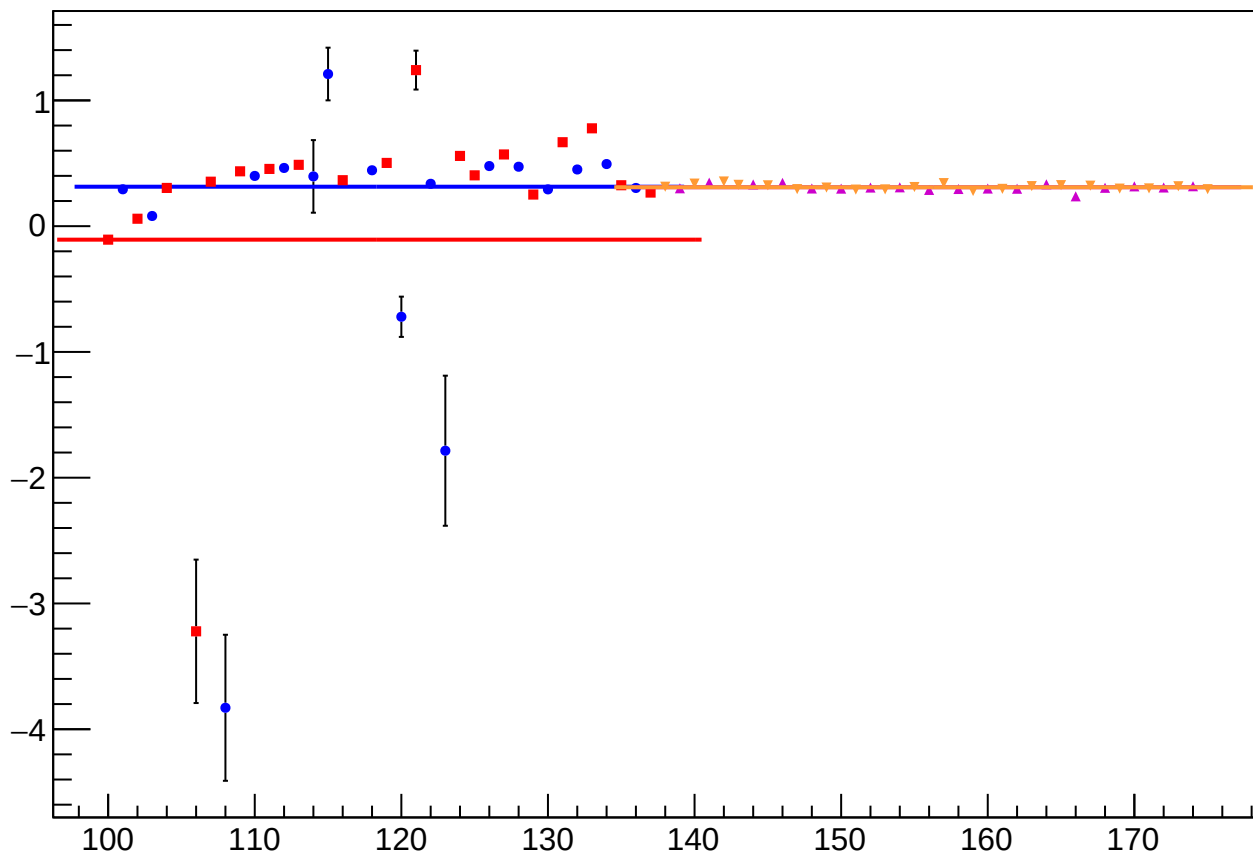
Left In: -16.510+/-0.016 χ^2/NDF : 5663.5/17

+ sign -7.899+/-0.000 χ^2/NDF : 297433.9/36

All: -4.135+/-0.000 χ^2/NDF : 2879850560728

- sign -2.410+/-0.000 χ^2/NDF : 965617.8/36

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 $\pm$ 0.001 χ^2 /NDF: 2748.0/16

Left Out: 0.309 $\pm$ 0.000 χ^2 /NDF:4448.4/19

Right Out: -0.107 $\pm$ 0.000 χ^2 /NDF: 219932.8/18

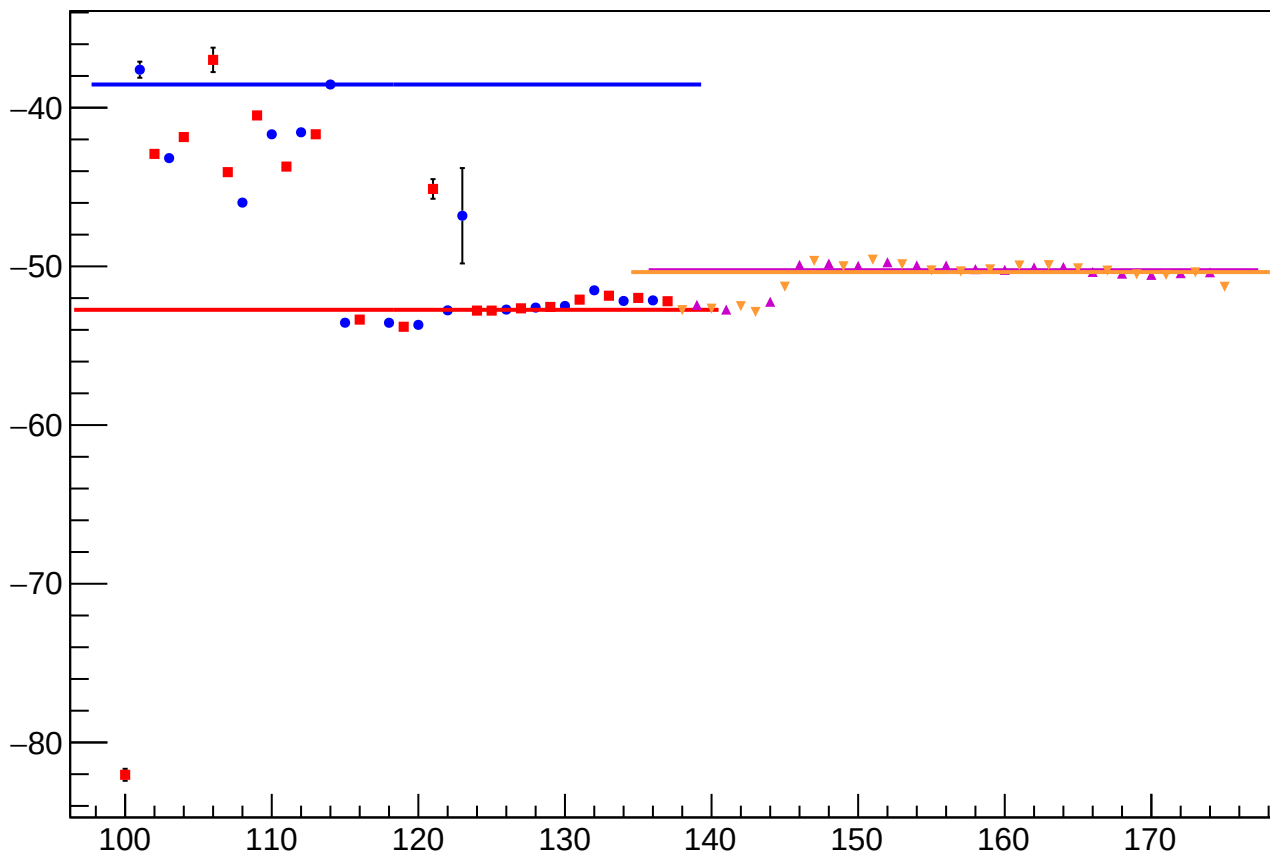
Left In: 0.310 $\pm$ 0.000 χ^2 /NDF:2824.9/17

+ sign 0.310 $\pm$ 0.000 χ^2 /NDF: 7214.6/36

All: -0.107 $\pm$ 0.000 χ^2 /NDF: 6075932.1/73

- sign -0.107 $\pm$ 0.000 χ^2 /NDF: 2980352.3/36

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.360 ± 0.001 χ^2/NDF : 256841.6/19

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

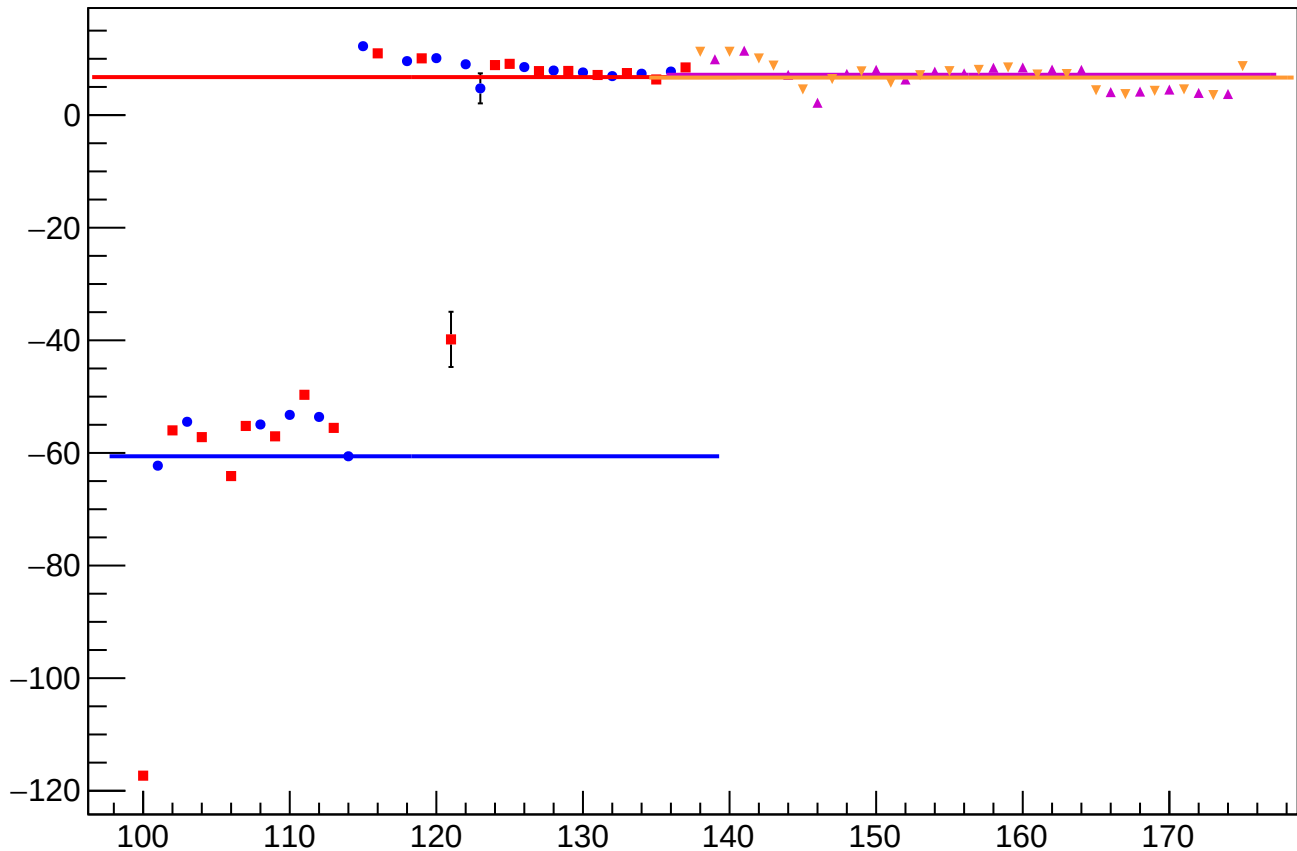
Left In: -50.241 ± 0.001 χ^2/NDF : 166917.2/17

+ sign -38.539 ± 0.000 χ^2/NDF : 81723499.2/36

All: -38.539 ± 0.000 χ^2/NDF : 223527574.1/7

- sign -51.026 ± 0.001 χ^2/NDF : 1462584.3/36

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 6.664 ± 0.004 χ^2/NDF : 309819.9/19

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

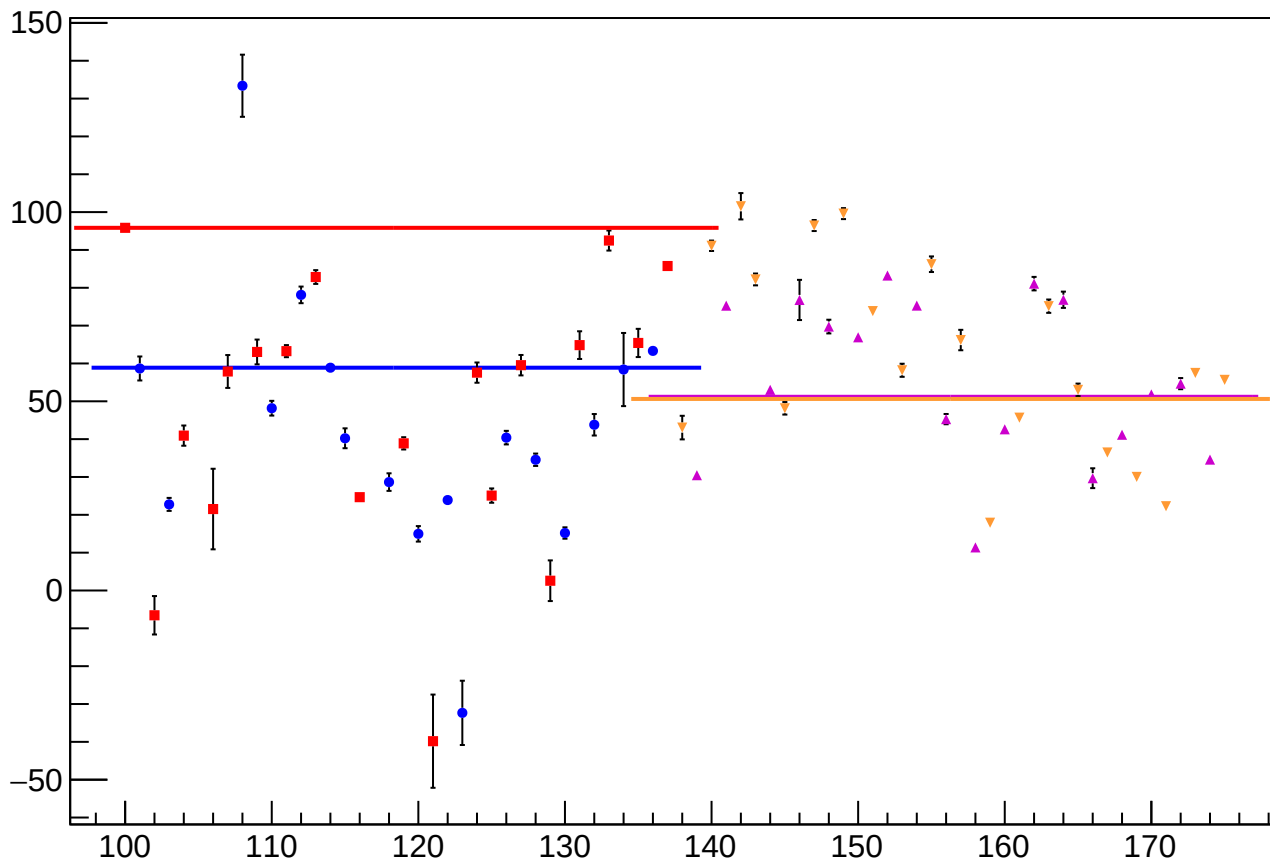
Left In: 7.162 ± 0.003 χ^2/NDF : 208262.1/17

+ sign -60.594 ± 0.000 χ^2/NDF : 348701822.0/36

All: -60.594 ± 0.000 χ^2/NDF : 766416166.4/7

- sign 7.124 ± 0.003 χ^2/NDF : 1476141.1/36

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 50.622 $\pm$ 0.267 χ^2 /NDF: 7734.8/19

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

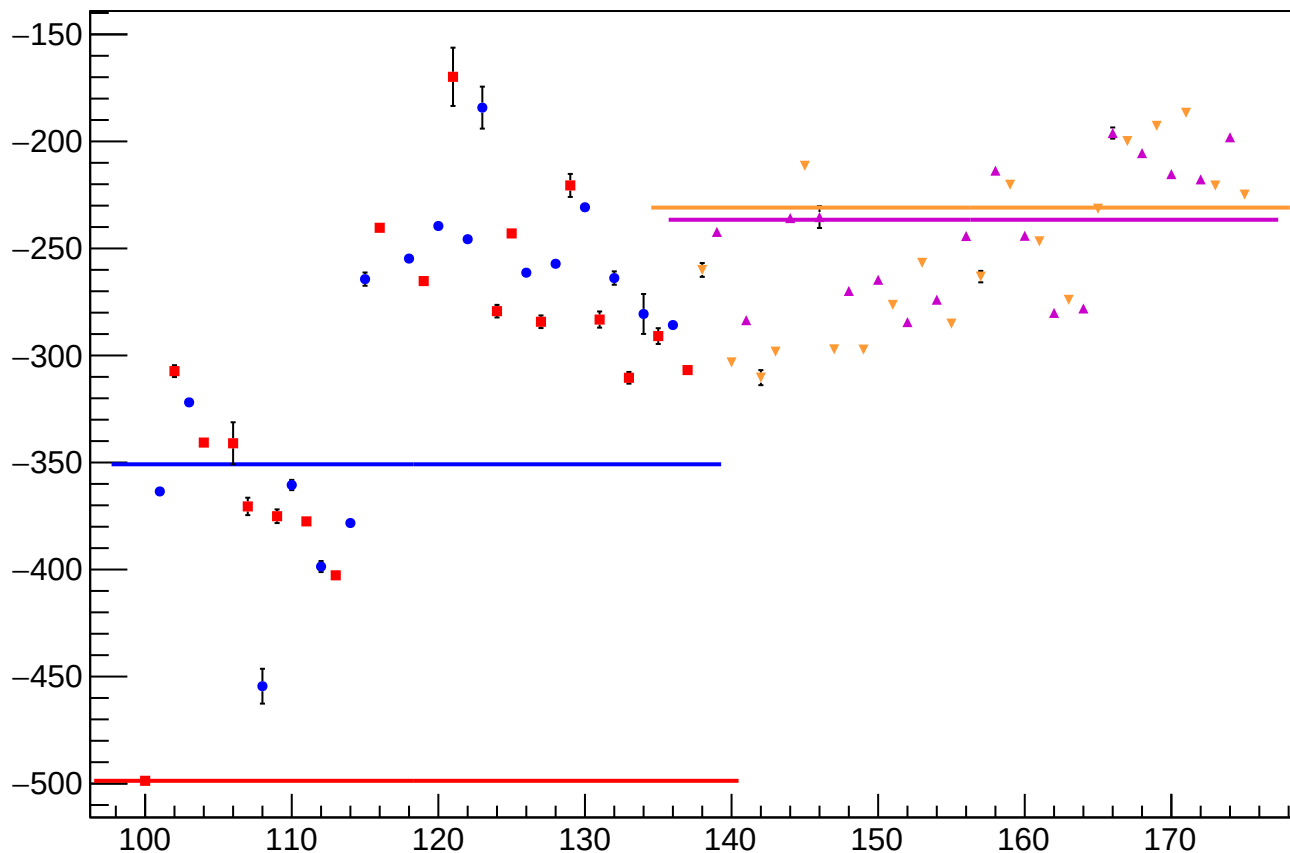
Left In: 51.193 $\pm$ 0.238 χ^2 /NDF: 6102.8/17

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 12505.0/36

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 981523394566

- sign 95.846 $\pm$ 0.000 χ^2 /NDF: 80589.6/36

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -230.913 ± 0.266 χ^2/NDF : 19483.2/19

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

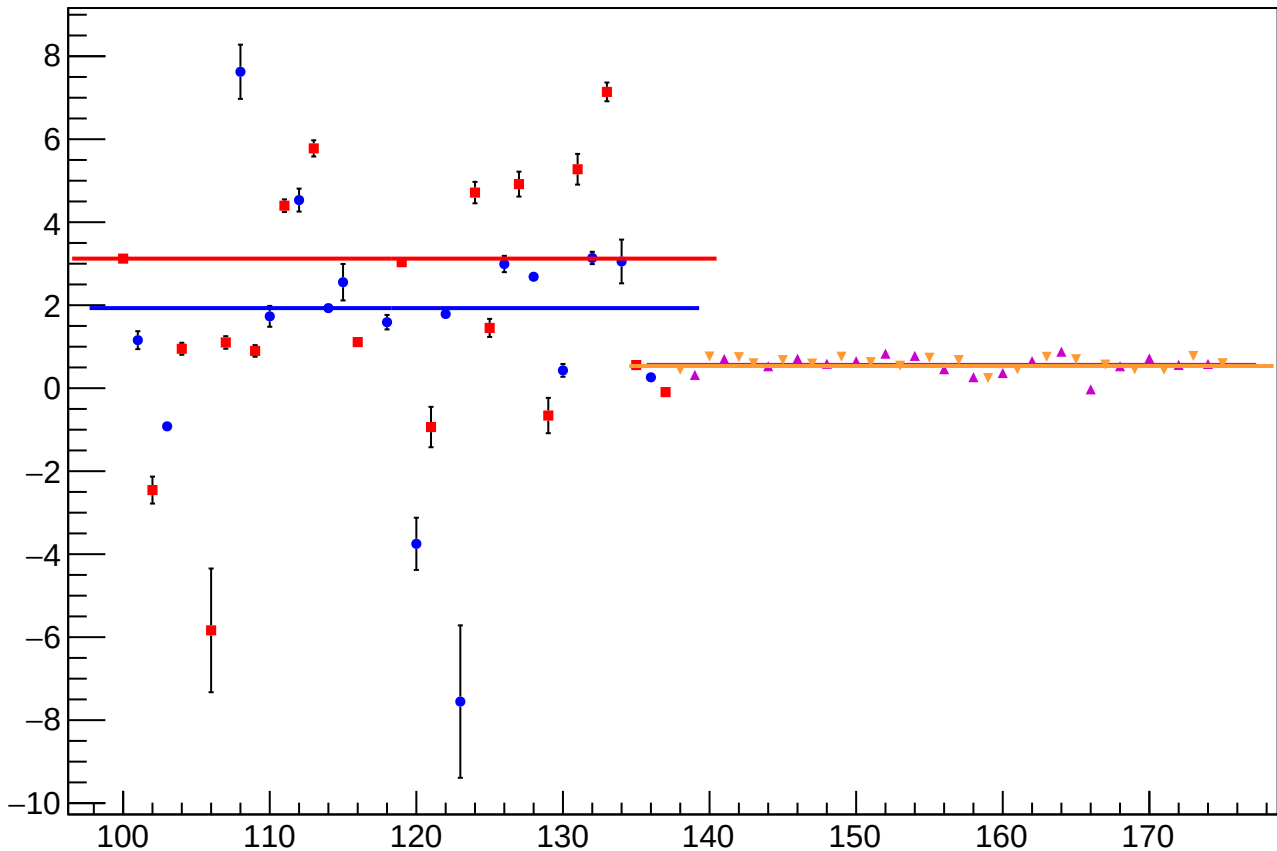
Left In: -236.594 ± 0.243 χ^2/NDF : 15355.7/17

+ sign -295.958 ± 0.180 χ^2/NDF : 170832.8/36

All: -498.692 ± 0.000 χ^2/NDF : 3126123.6/73

- sign -498.692 ± 0.000 χ^2/NDF : 1688070.0/36

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.534 $\pm$ 0.002 χ^2 /NDF:9347.5/19

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 512565.5/18

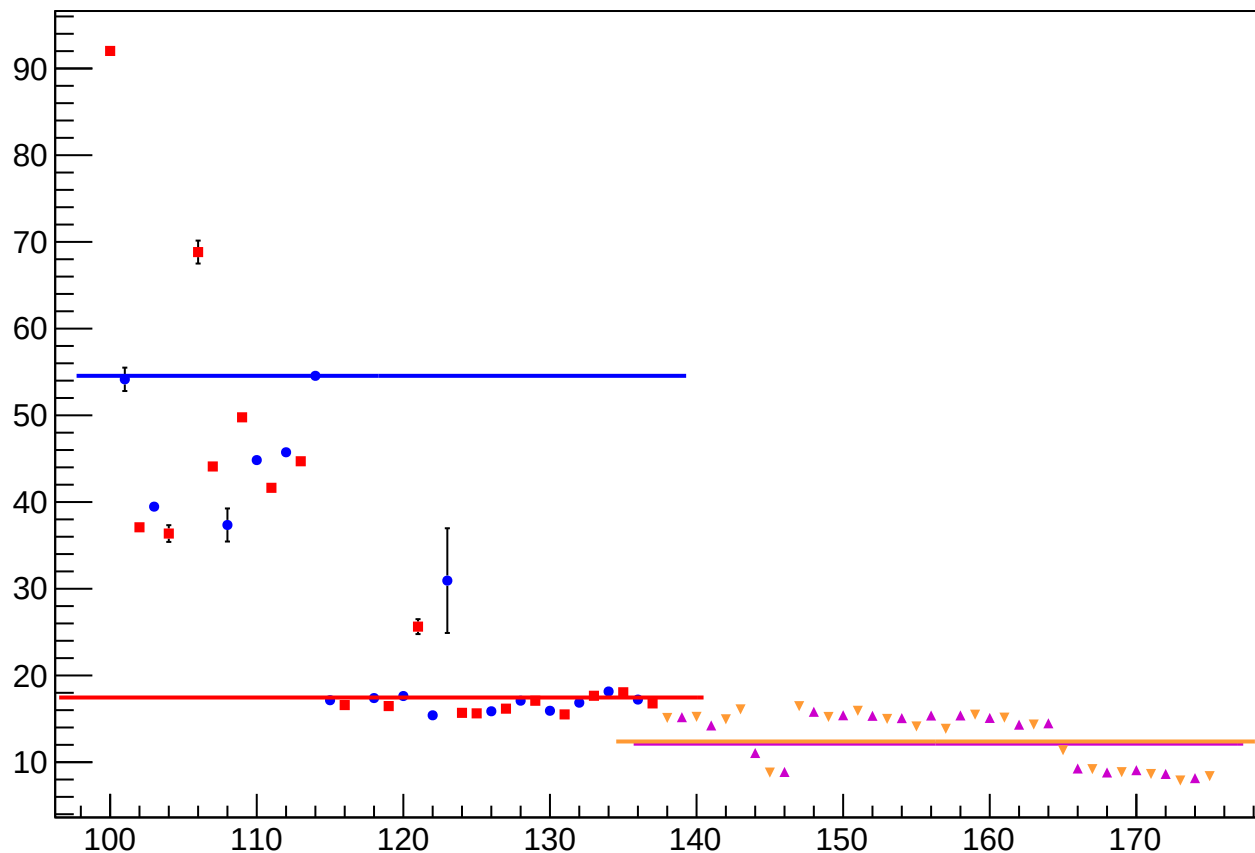
Left In: 0.561 $\pm$ 0.002 χ^2 /NDF:13312.4/17

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 582697.7/36

All: 2.073 $\pm$ 0.000 χ^2 /NDF: 3809953457808

- sign 3.123 $\pm$ 0.000 χ^2 /NDF: 2768783.7/36

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 12.386+/-0.007 χ^2/NDF : 257219.9/19

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

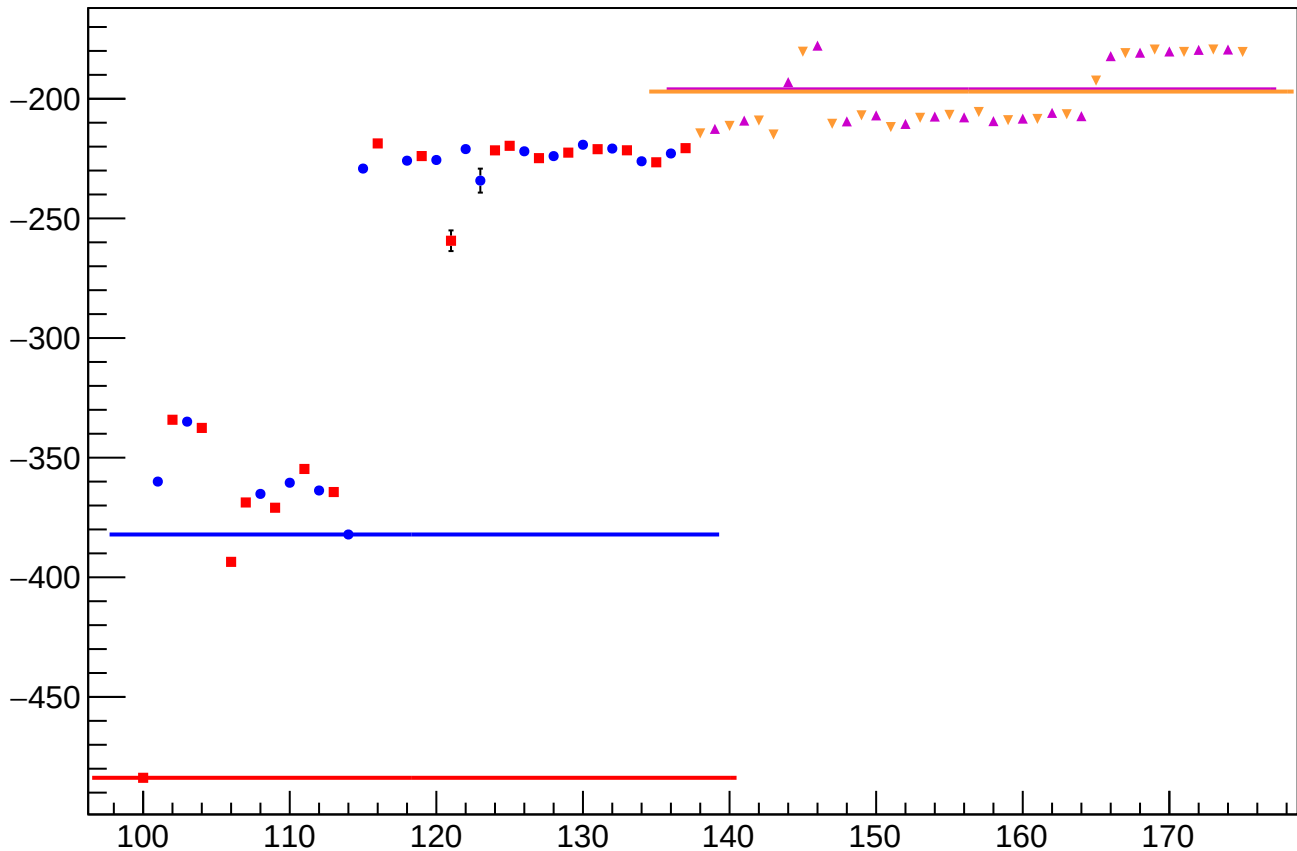
Left In: 12.135+/-0.006 χ^2/NDF : 313022.2/17

+ sign 54.556+/-0.000 χ^2/NDF : 49518851.3/36

All: 54.556+/-0.000 χ^2/NDF : 107460190.1/73

- sign 12.622+/-0.006 χ^2/NDF : 489327.7/36

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -196.983+/-0.014 χ^2/NDF : 1051077.4/19

+ sign -382.108+/-0.000 χ^2/NDF : 193866014.3/36

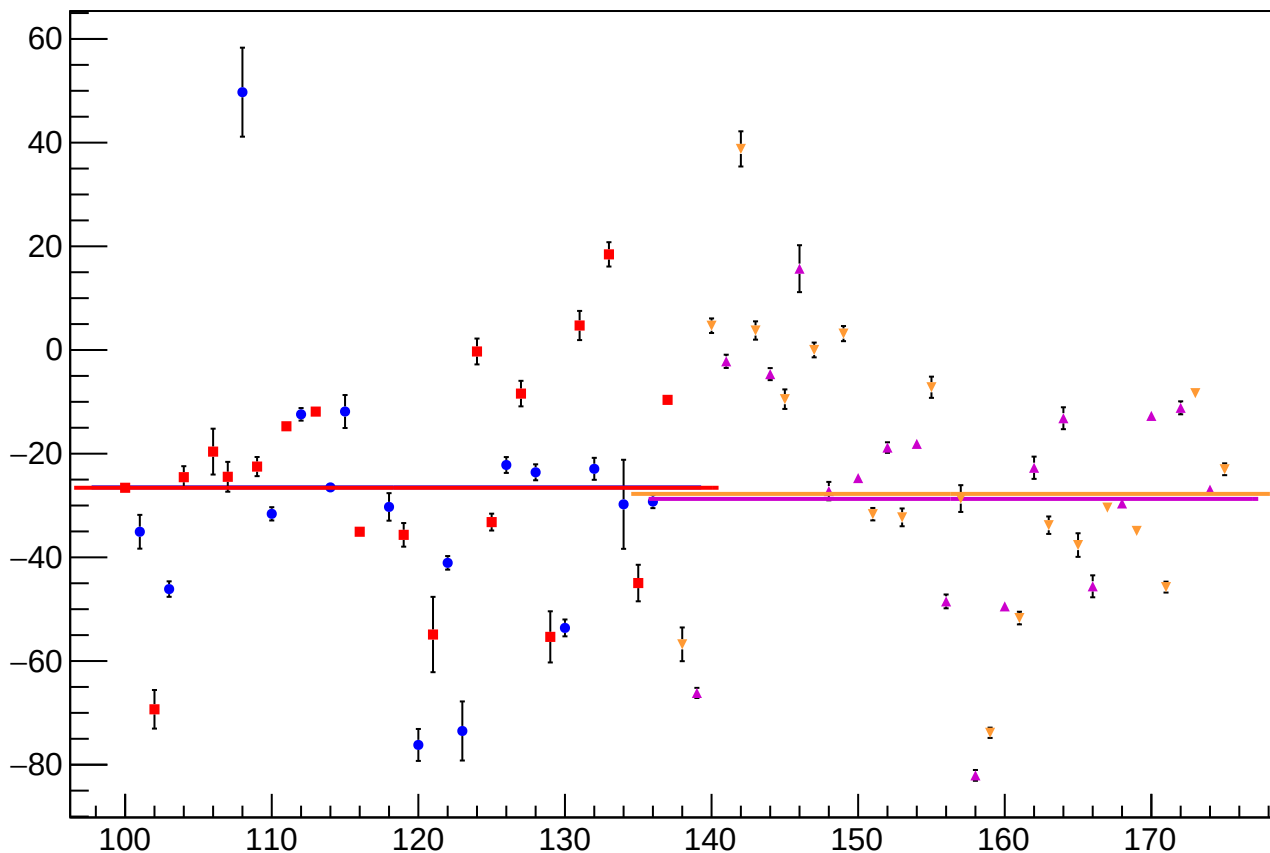
Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

All: -417.999+/-0.000 χ^2/NDF : 12425488813

Left In: -196.062+/-0.013 χ^2/NDF : 1168081.6/17

- sign -483.800+/-0.000 χ^2/NDF : 517356672.0/36

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -27.757 ± 0.274 χ^2/NDF : 5964.7/19

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

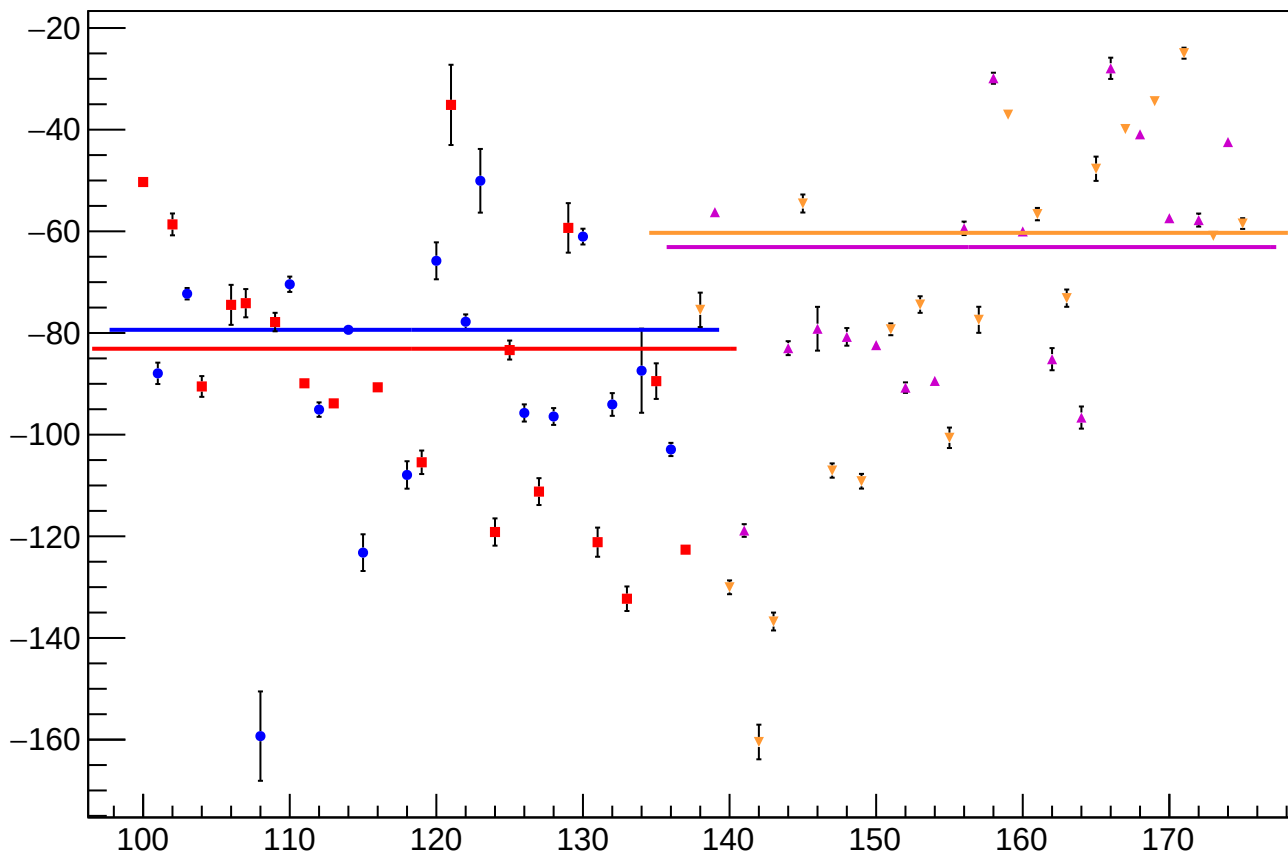
Left In: -28.727 ± 0.241 χ^2/NDF : 7020.1/17

+ sign -26.504 ± 0.000 χ^2/NDF : 7166.3/36

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 9740.9/36

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -60.297 ± 0.269 χ^2/NDF : 12287.3/19

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

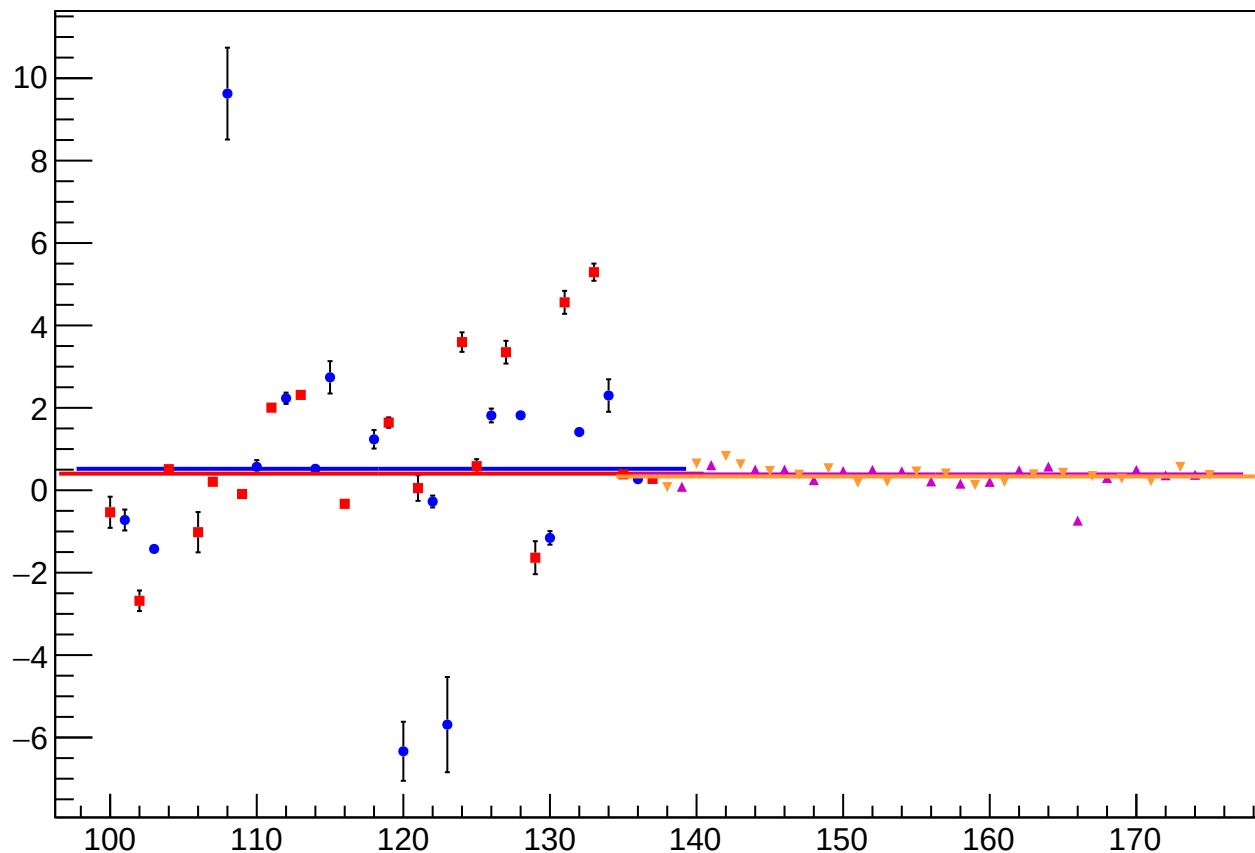
Left In: -63.097 ± 0.241 χ^2/NDF : 8076.1/17

+ sign -79.376 ± 0.000 χ^2/NDF : 18603.9/36

All: -79.376 ± 0.000 χ^2/NDF : 43602.5/73

- sign -76.023 ± 0.143 χ^2/NDF : 24450.4/36

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.335+/-0.002 χ^2/NDF : 8746.3/19

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

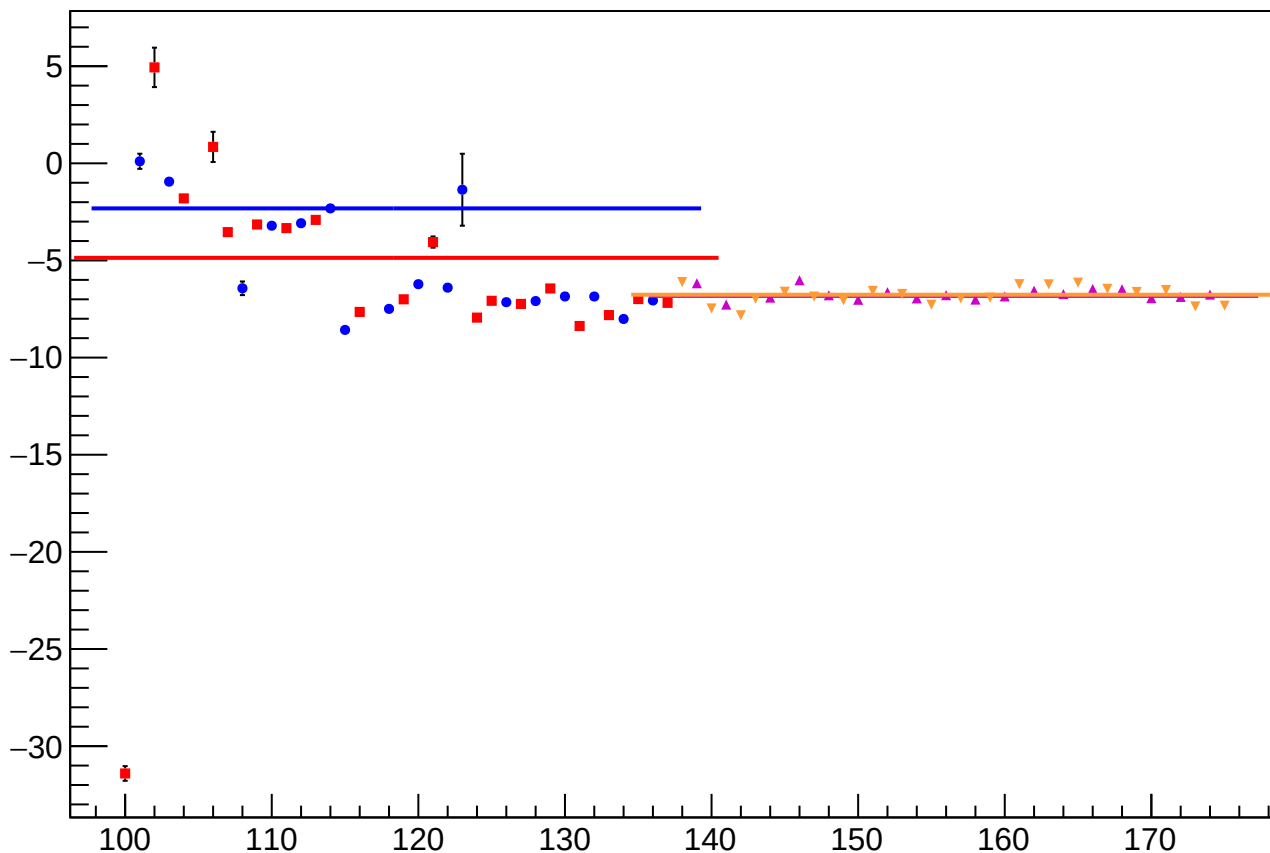
Left In: 0.385+/-0.002 χ^2/NDF : 9347.7/17

+ sign 0.521+/-0.000 χ^2/NDF : 22695.0/36

All: 0.521+/-0.000 χ^2/NDF : 41784.3/73

- sign 0.385+/-0.002 χ^2/NDF : 12078.0/36

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.763+/-0.003 χ^2/NDF : 10378.7/19

Right Out: -4.864+/-0.010 χ^2/NDF : 49380.5/18

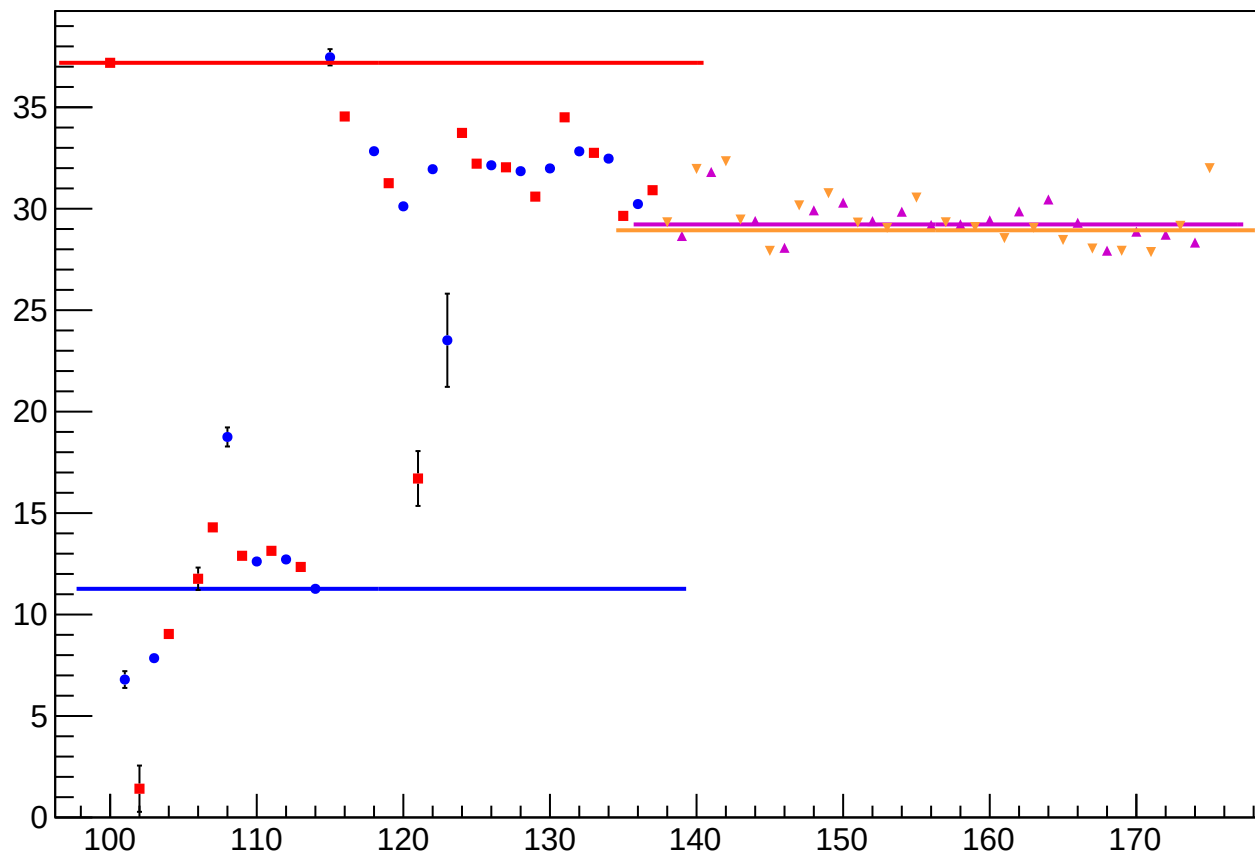
Left In: -6.823+/-0.002 χ^2/NDF : 8141.9/17

+ sign -2.320+/-0.000 χ^2/NDF : 3232612.1/36

All: -2.320+/-0.000 χ^2/NDF : 6717703.5/73

- sign -6.718+/-0.002 χ^2/NDF : 91724.0/36

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 28.937 $\pm$ 0.009 χ^2 /NDF:14599.1/19

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

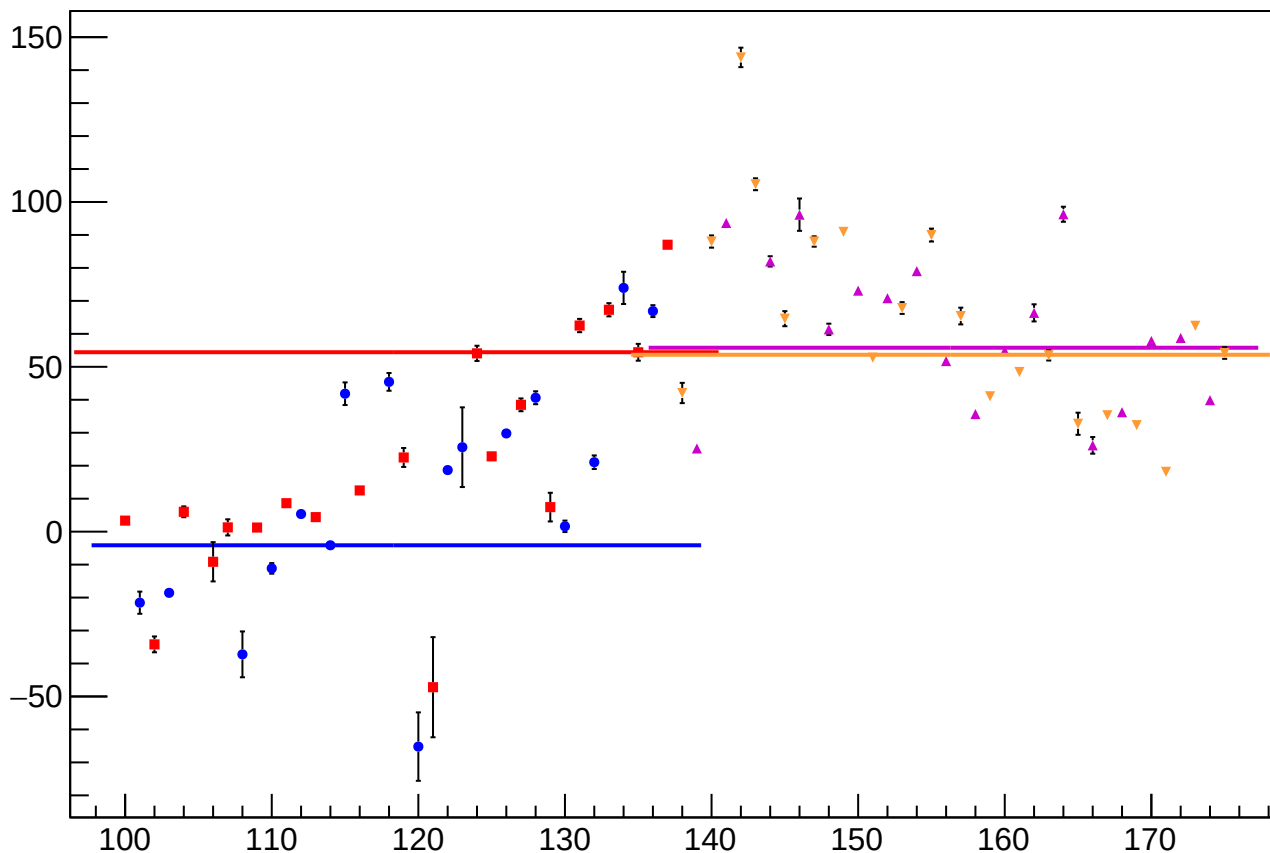
Left In: 29.226 $\pm$ 0.008 χ^2 /NDF:8930.6/17

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 4983655.2/36

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 2099545.0/36

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2 /NDF: 4654.2/16

Left Out: 53.653+/-0.304 χ^2 /NDF:5937.5/19

Right Out: 54.427+/-0.170 χ^2 /NDF: 53998.7/18

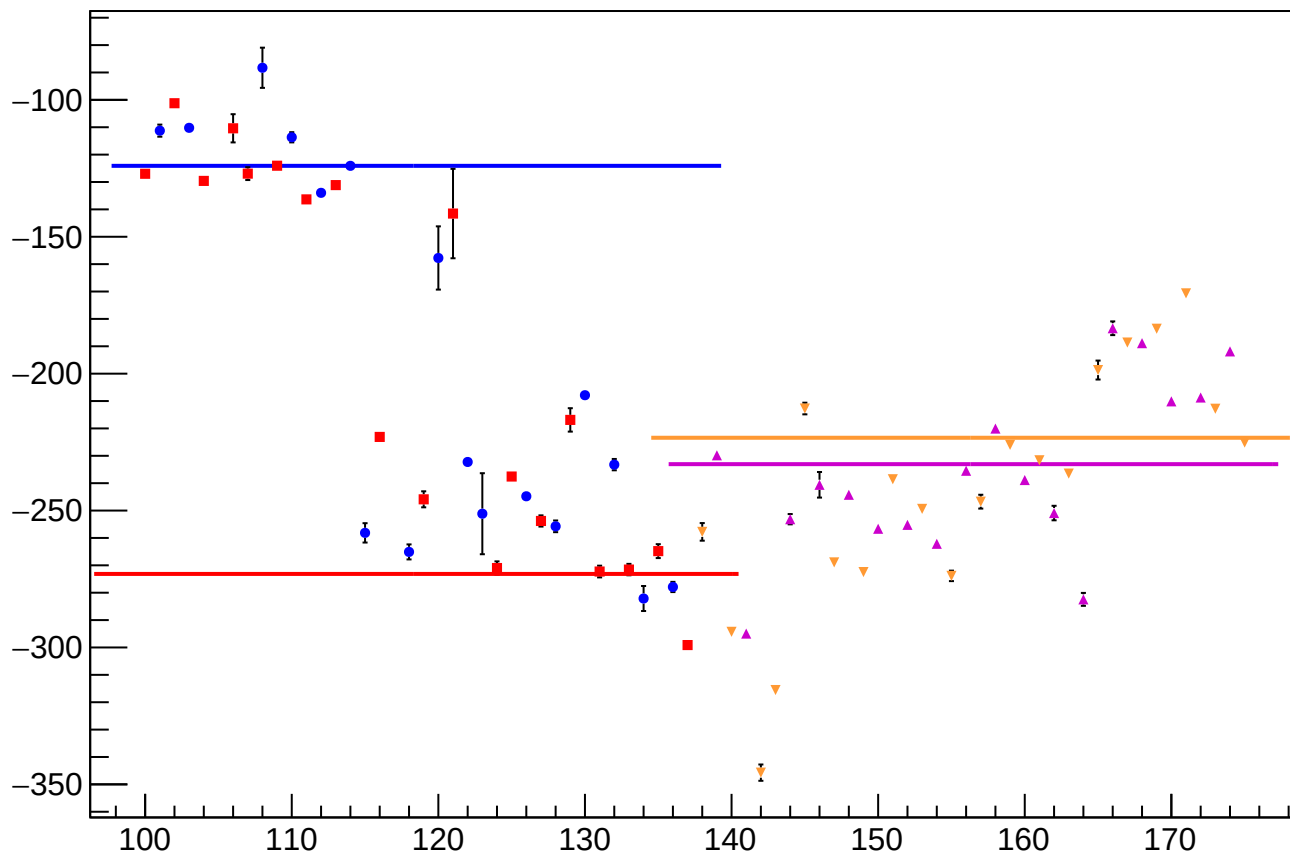
Left In: 55.786+/-0.265 χ^2 /NDF:5661.0/17

+ sign -4.139+/-0.000 χ^2 /NDF: 46632.0/36

All: -4.139+/-0.000 χ^2 /NDF: 275968.0/73

- sign 54.825+/-0.143 χ^2 /NDF: 59678.4/36

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -223.408+/-0.300 χ^2/NDF :15206.7/19

Right Out: -273.143+/-0.113 χ^2/NDF : 280141.9/18

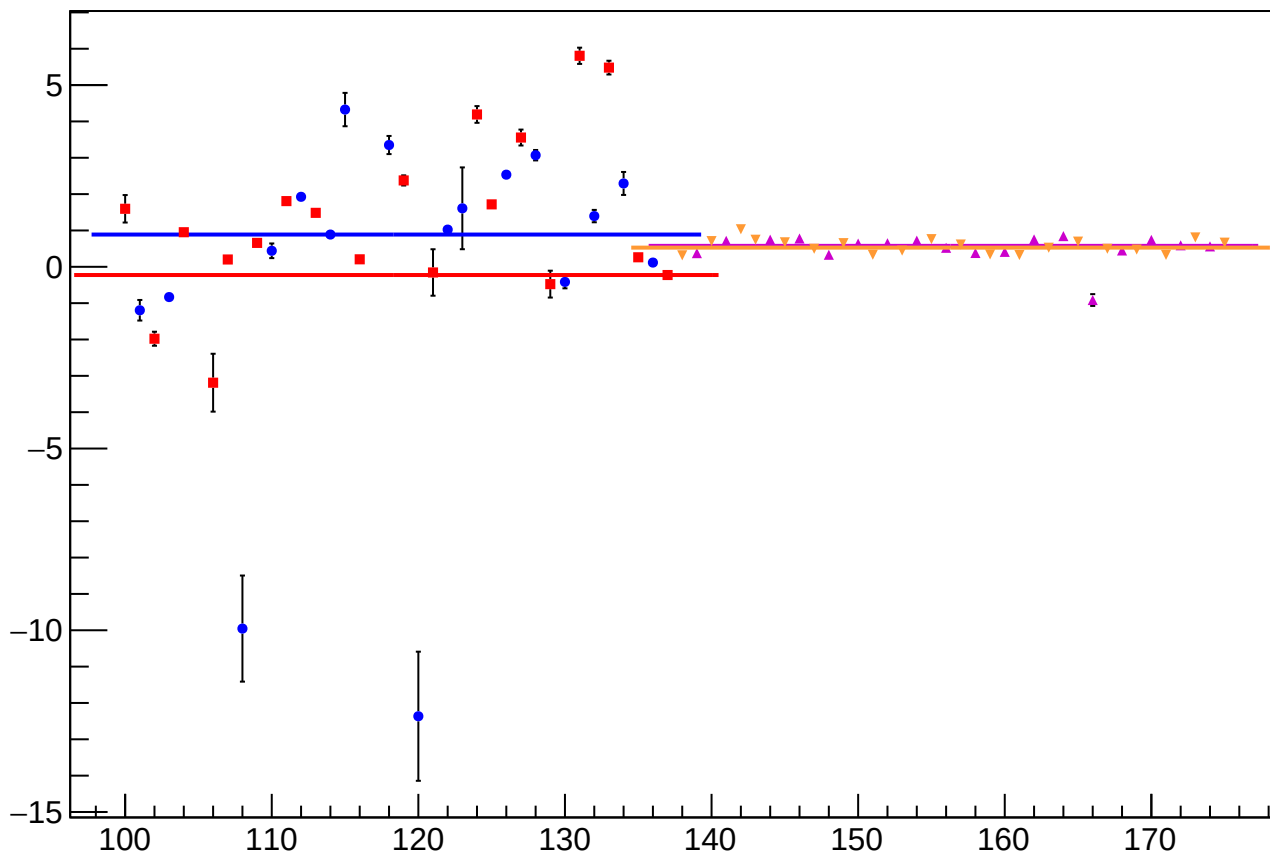
Left In: -233.049+/-0.264 χ^2/NDF :10999.9/17

+ sign -124.095+/-0.000 χ^2/NDF : 162609.6/36

All: -124.095+/-0.000 χ^2/NDF : 2372830.8/73

- sign -266.953+/-0.104 χ^2/NDF : 310676.3/36

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.528 ± 0.002 χ^2/NDF : 8608.9/19

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

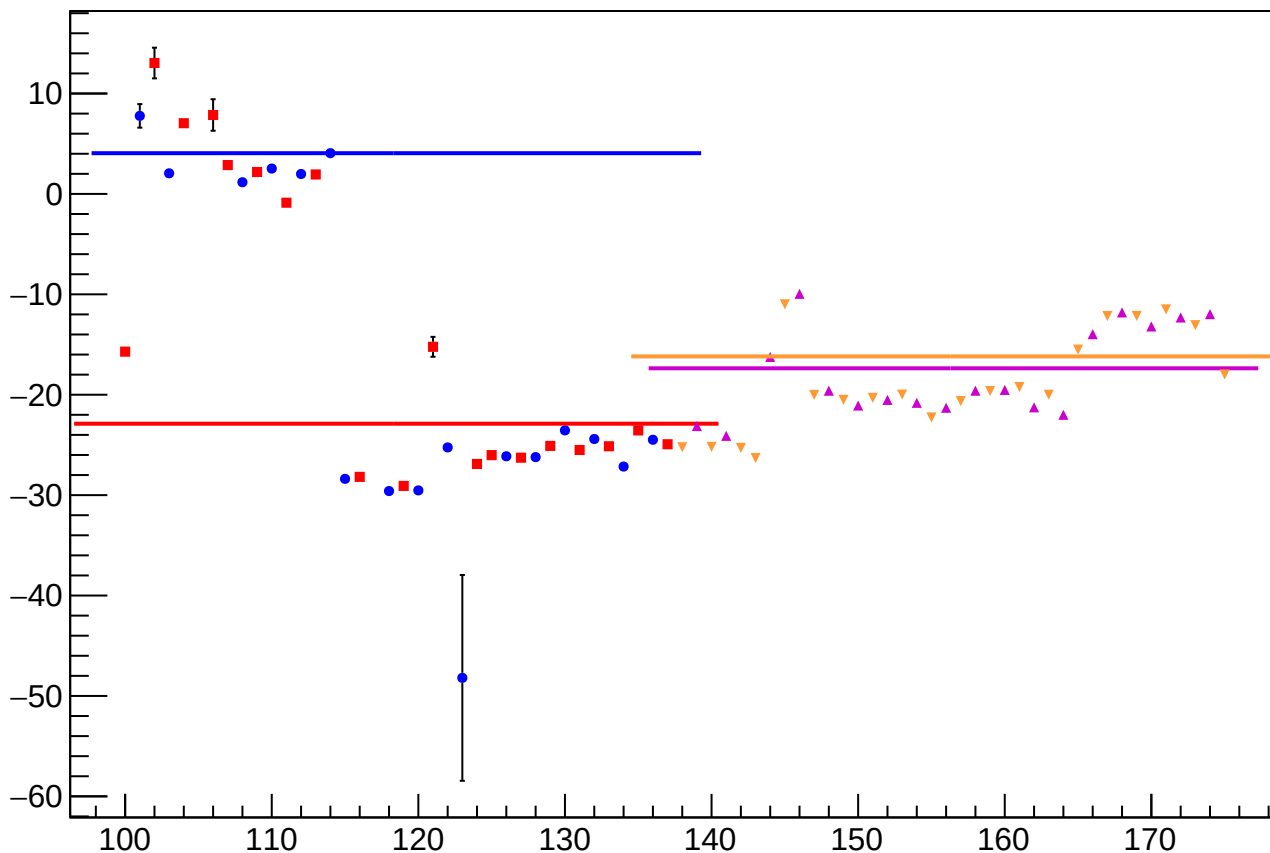
Left In: 0.576 ± 0.002 χ^2/NDF : 4908.0/17

+ sign 0.888 ± 0.000 χ^2/NDF : 46647.4/36

All: 0.888 ± 0.000 χ^2/NDF : 422285415.1/73

- sign -0.225 ± 0.000 χ^2/NDF : 155998.8/36

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -16.185+/-0.010 χ^2/NDF : 178069.1/19

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

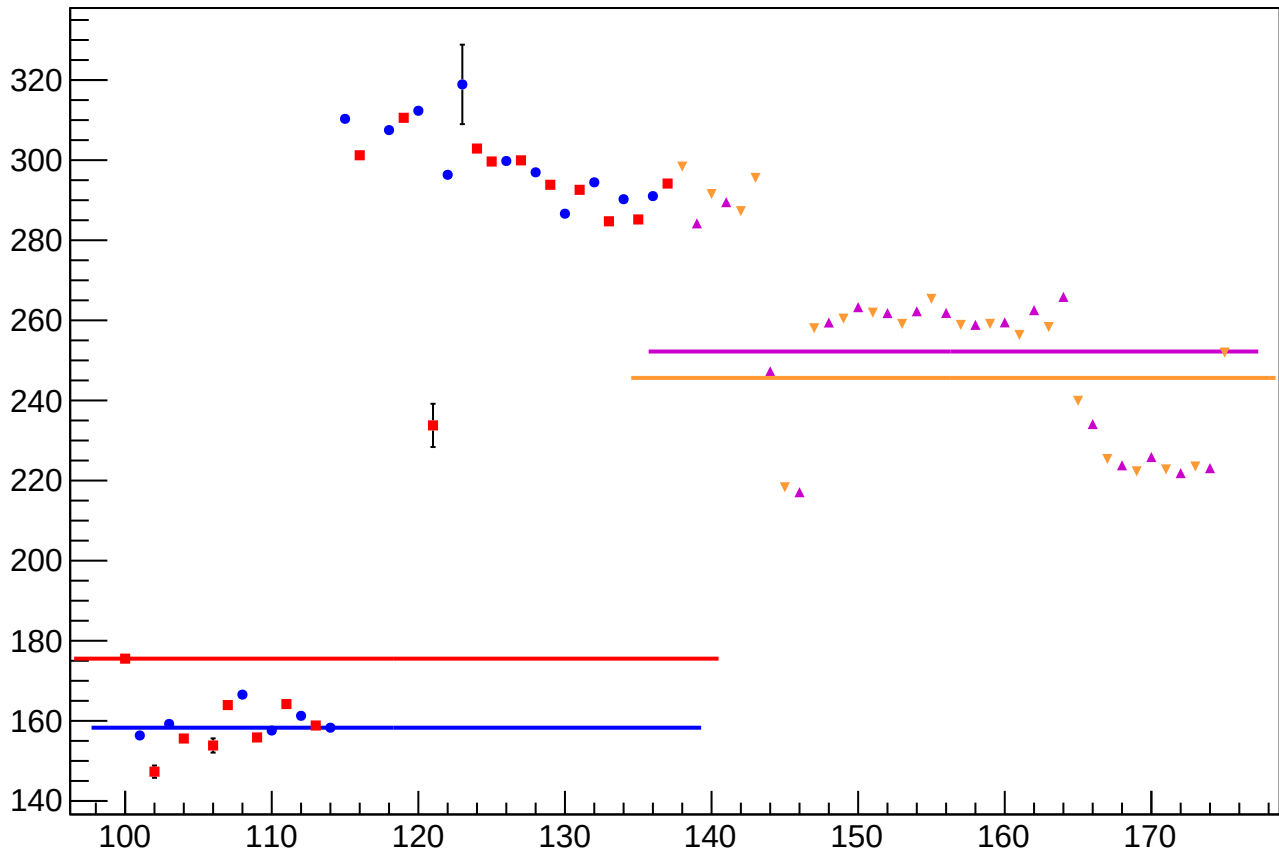
Left In: -17.368+/-0.009 χ^2/NDF : 167740.9/17

+ sign 4.057+/-0.000 χ^2/NDF : 5158595.3/36

All: 4.057+/-0.000 χ^2/NDF : 11582351.4/73

- sign -18.003+/-0.009 χ^2/NDF : 323125.7/36

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 245.629+/-0.028 χ^2/NDF : 702300.4/19

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

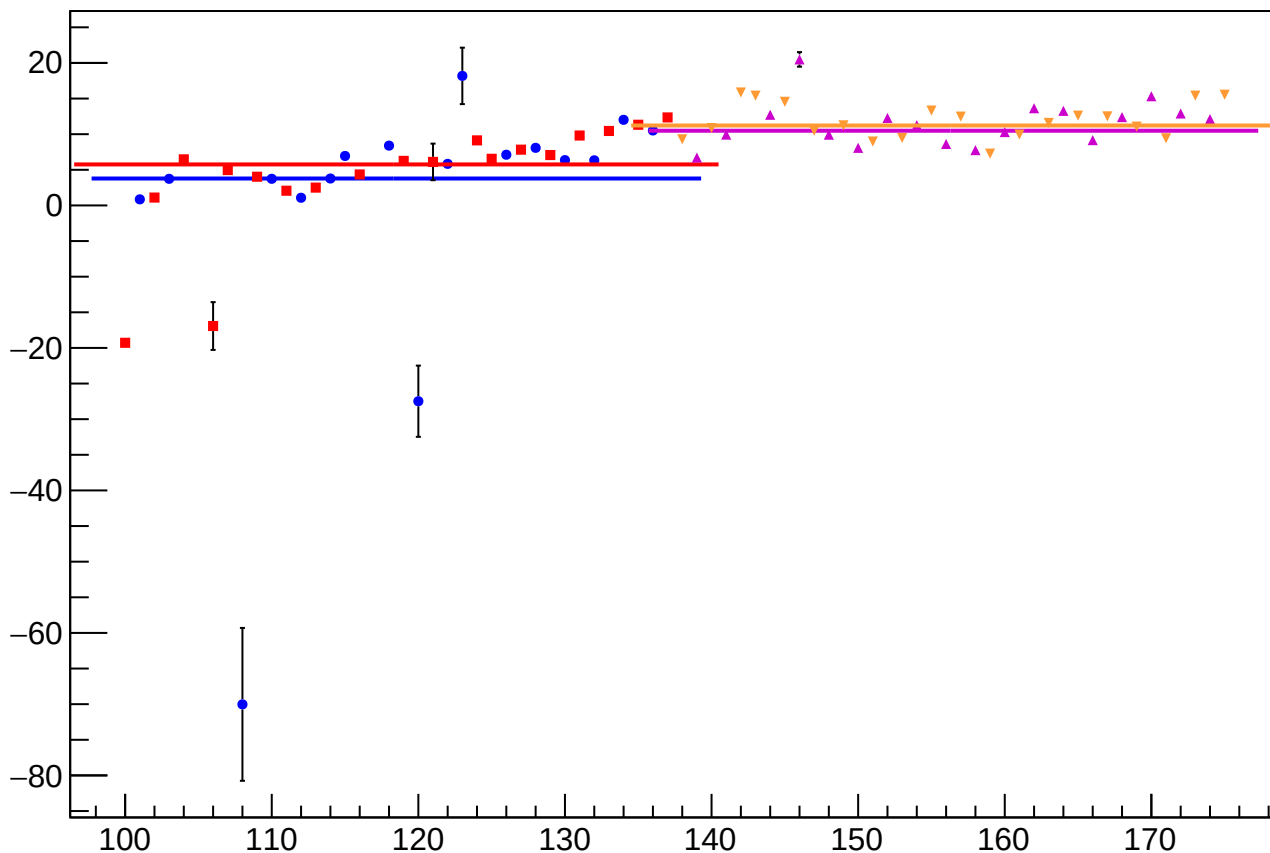
Left In: 252.221+/-0.029 χ^2/NDF : 355781.2/17

+ sign 158.293+/-0.000 χ^2/NDF : 12986634.5/36

All: 172.618+/-0.000 χ^2/NDF : 373727491225

- sign 175.536+/-0.000 χ^2/NDF : 9657759.0/36

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 11.219 ± 0.032 χ^2/NDF : 3962.0/19

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

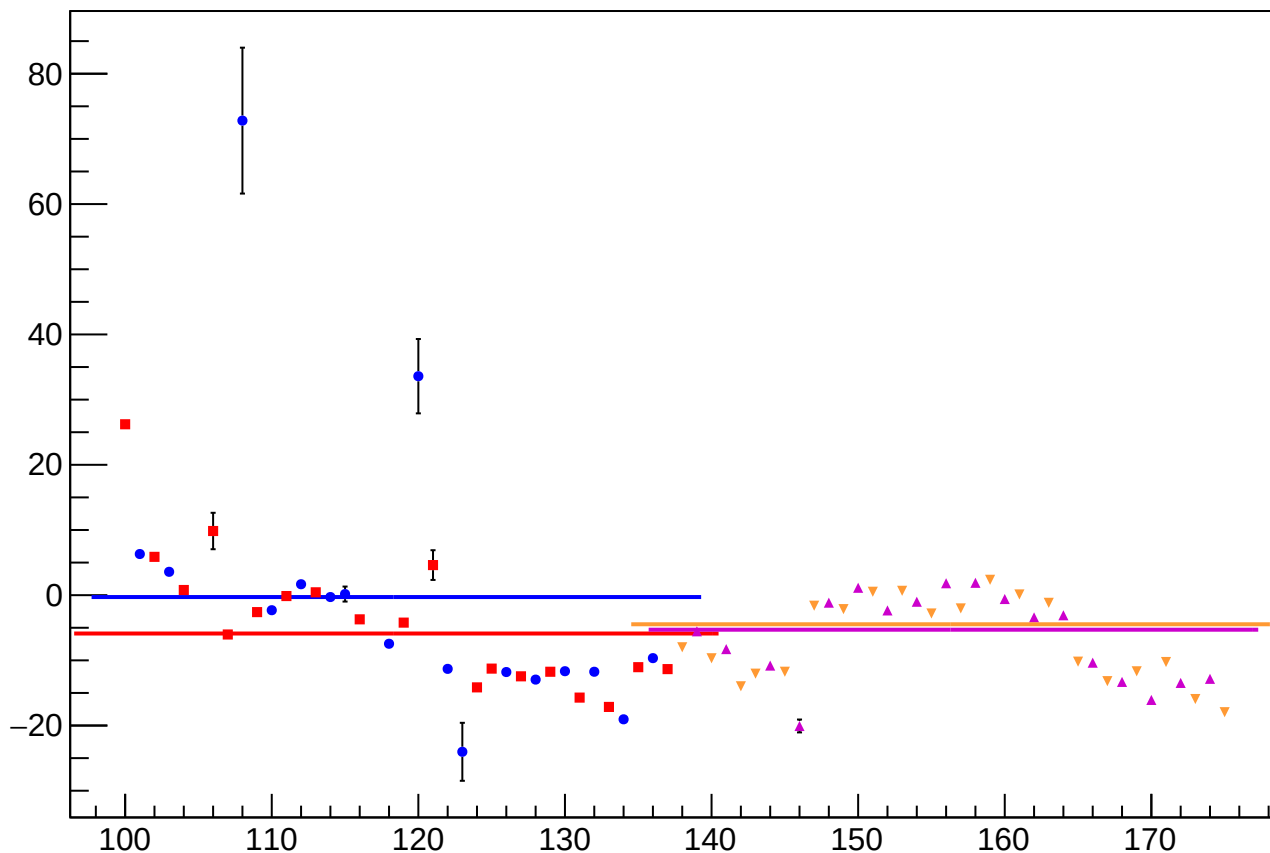
Left In: 10.484 ± 0.029 χ^2/NDF : 8408.3/17

+ sign 3.778 ± 0.000 χ^2/NDF : 65180.1/36

All: 3.778 ± 0.000 χ^2/NDF : 154272.3/73

- sign 7.820 ± 0.019 χ^2/NDF : 45406.7/36

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -4.464 ± 0.032 χ^2/NDF : 32696.2/19

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

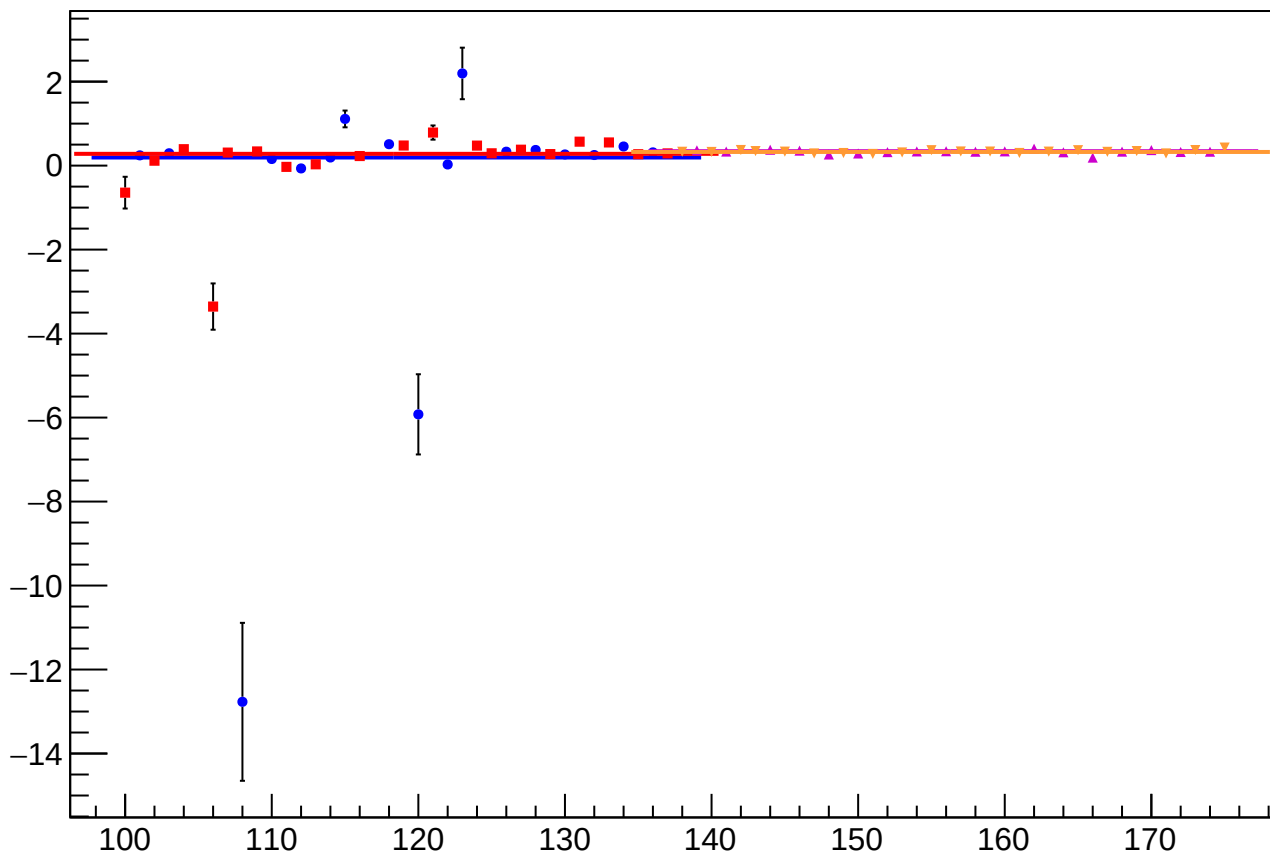
Left In: -5.298 ± 0.030 χ^2/NDF : 46514.4/17

+ sign -0.287 ± 0.000 χ^2/NDF : 94173.9/36

All: -0.287 ± 0.000 χ^2/NDF : 274979.2/73

- sign -5.615 ± 0.020 χ^2/NDF : 110218.4/36

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.325 $\pm$ 0.001 χ^2 /NDF: 2441.2/19

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

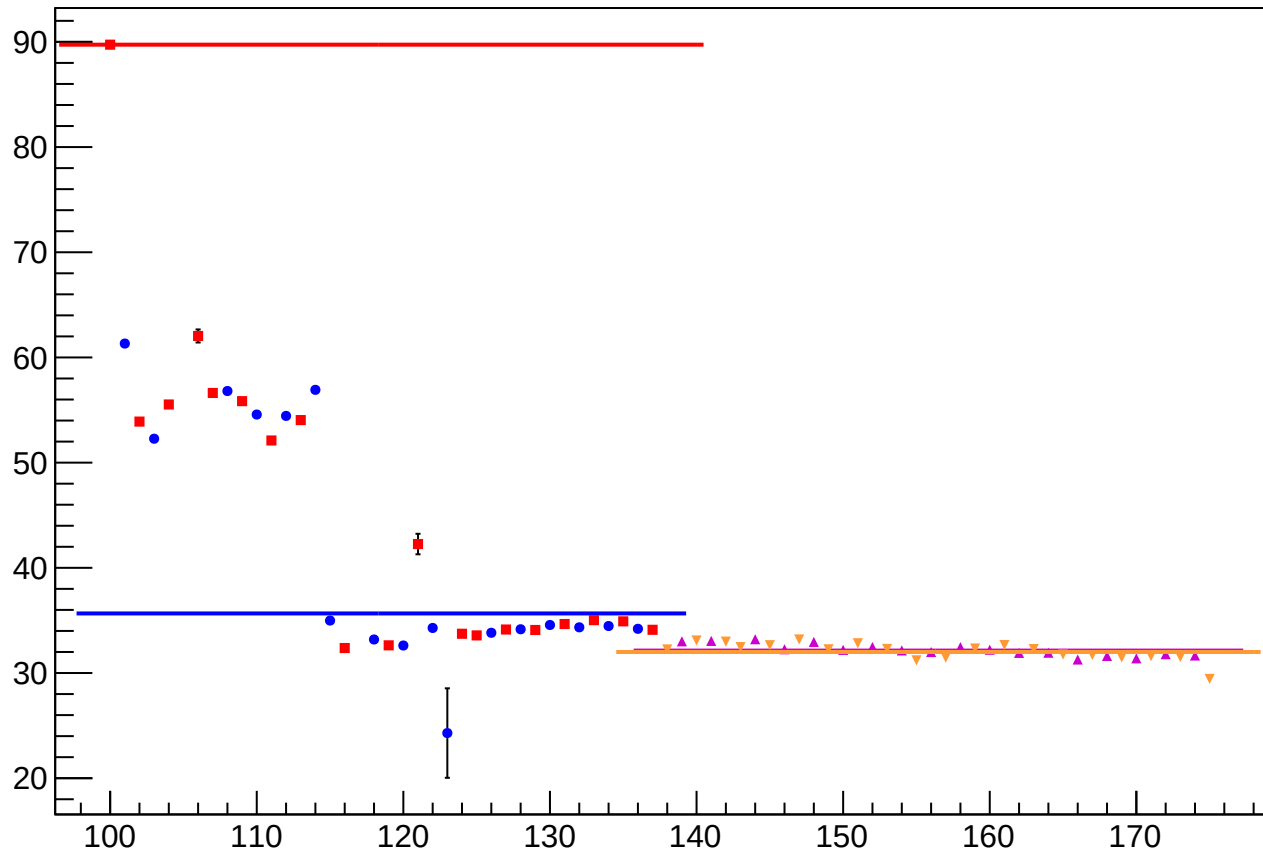
Left In: 0.343 $\pm$ 0.001 χ^2 /NDF: 3413.9/17

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 66611.7/36

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 153637.7/73

- sign 0.336 $\pm$ 0.001 χ^2 /NDF: 11061.5/36

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.000 $\pm$ 0.003 χ^2 /NDF: 23996.2/19

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

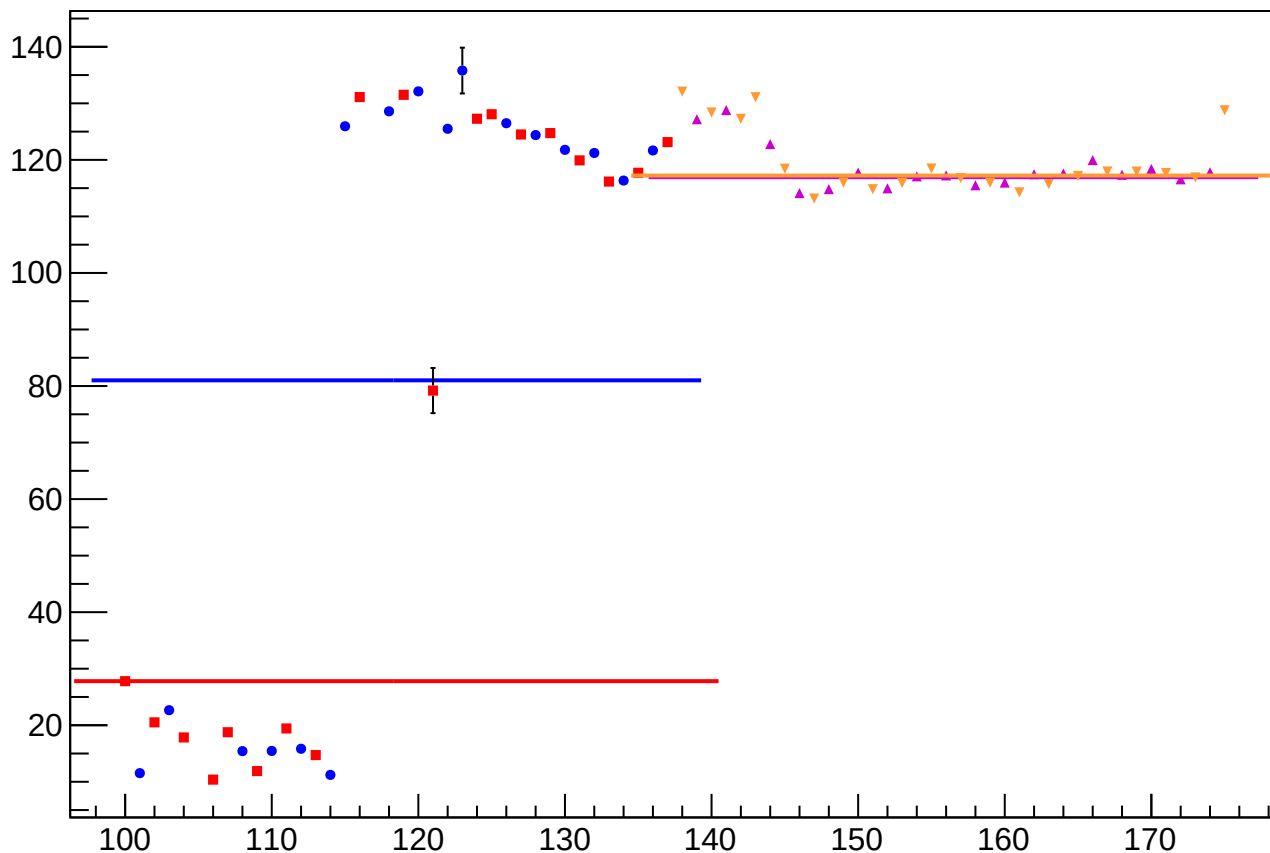
Left In: 32.133 $\pm$ 0.003 χ^2 /NDF: 12974.2/17

+ sign 32.276 $\pm$ 0.003 χ^2 /NDF: 338747.5/36

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 641973262.3/73

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 301344236.4/36

dit_sam5_4eY_slope vs Slug



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 117.229 $\pm$ 0.008 χ^2 /NDF: 143320.4/19

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

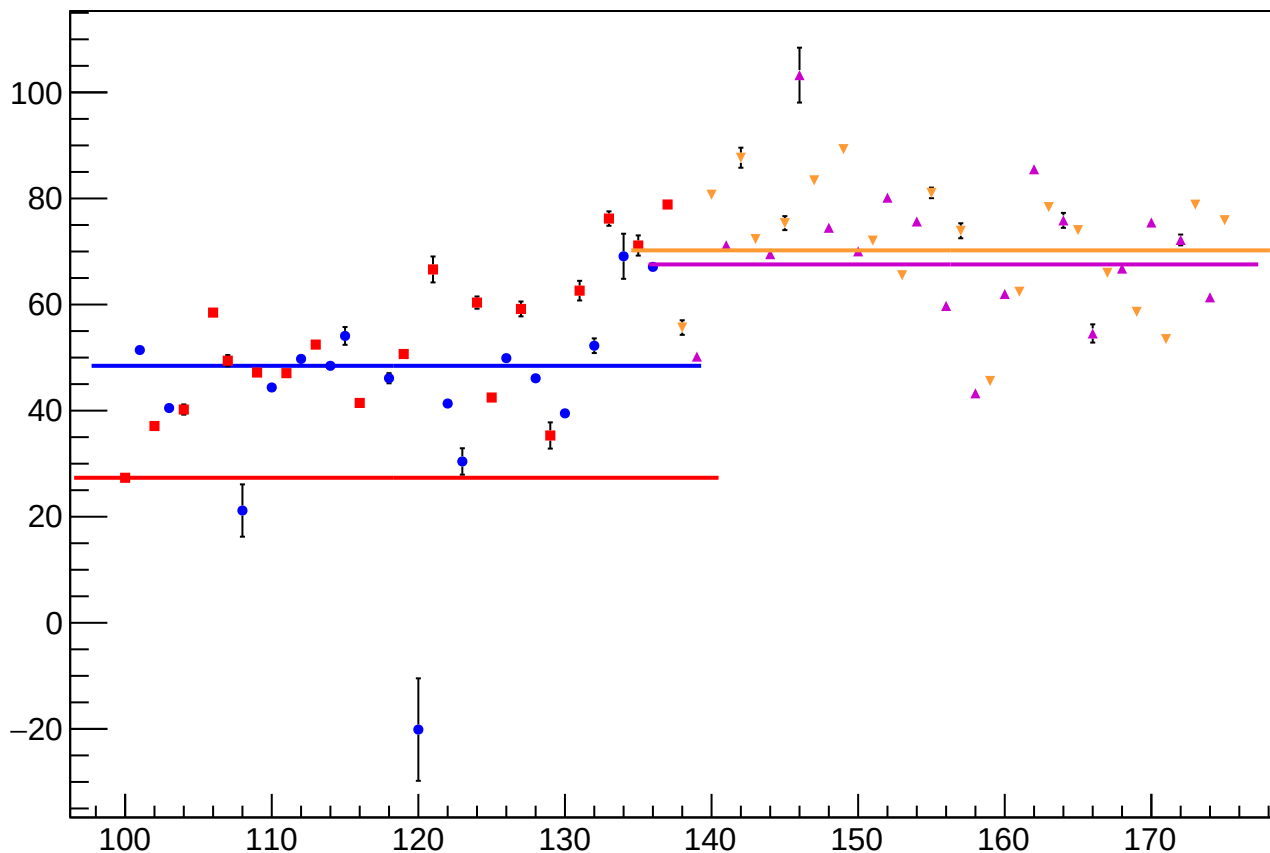
Left In: 116.943 $\pm$ 0.009 χ^2 /NDF: 43358.3/17

+ sign 115.421 $\pm$ 0.008 χ^2 /NDF: 3417650.6/36

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 242821489.7/73

- sign 27.798 $\pm$ 0.000 χ^2 /NDF: 110427722.6/36

dit_sam6_4aX_slope vs Slug



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 70.215 $\pm$ 0.161 χ^2 /NDF: 5186.1/19

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

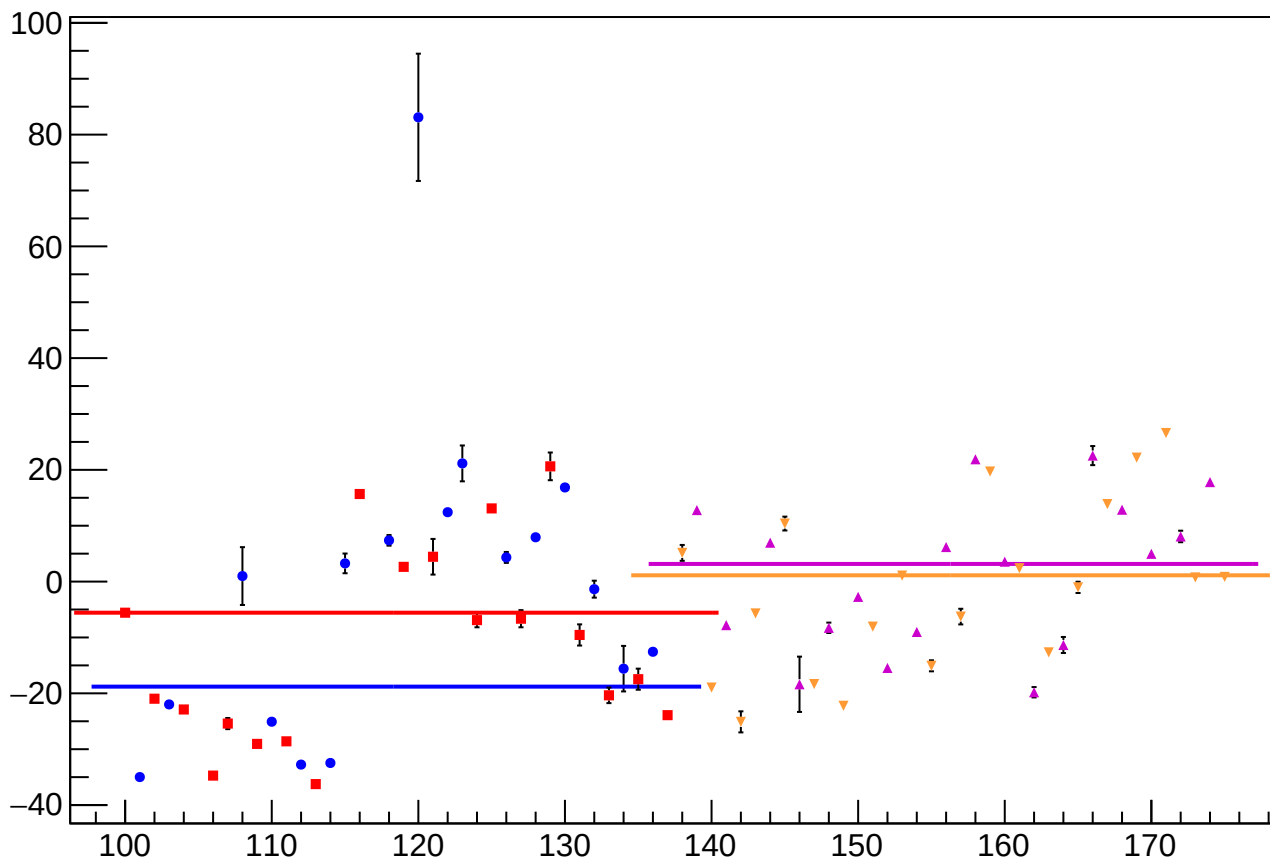
Left In: 67.566 $\pm$ 0.142 χ^2 /NDF: 5092.0/17

+ sign 48.450 $\pm$ 0.000 χ^2 /NDF: 26222.7/36

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888

- sign 27.342 $\pm$ 0.000 χ^2 /NDF: 111388.2/36

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: 1.126 ± 0.160 χ^2/NDF : 8097.8/19

Right Out: -5.568 ± 0.000 χ^2/NDF : 23097.3/18

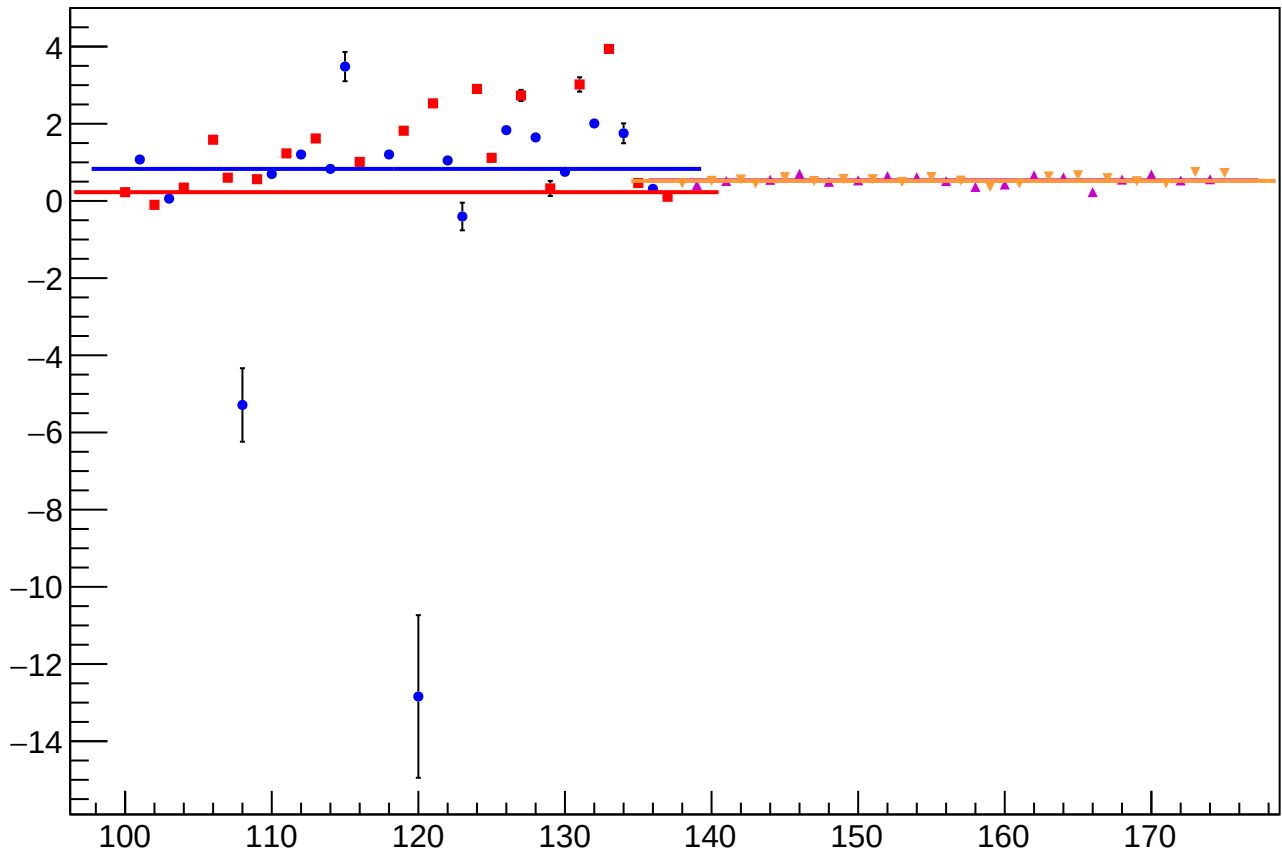
Left In: 3.160 ± 0.142 χ^2/NDF : 5640.4/17

+ sign -9.598 ± 0.109 χ^2/NDF : 28184.0/36

All: -5.568 ± 0.000 χ^2/NDF : 62074.8/73

- sign -5.568 ± 0.000 χ^2/NDF : 32521.0/36

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF : 14882.7/16

Left Out: 0.520+/-0.001 χ^2/NDF :13496.6/19

Right Out: 0.227+/-0.000 χ^2/NDF : 11819.9/18

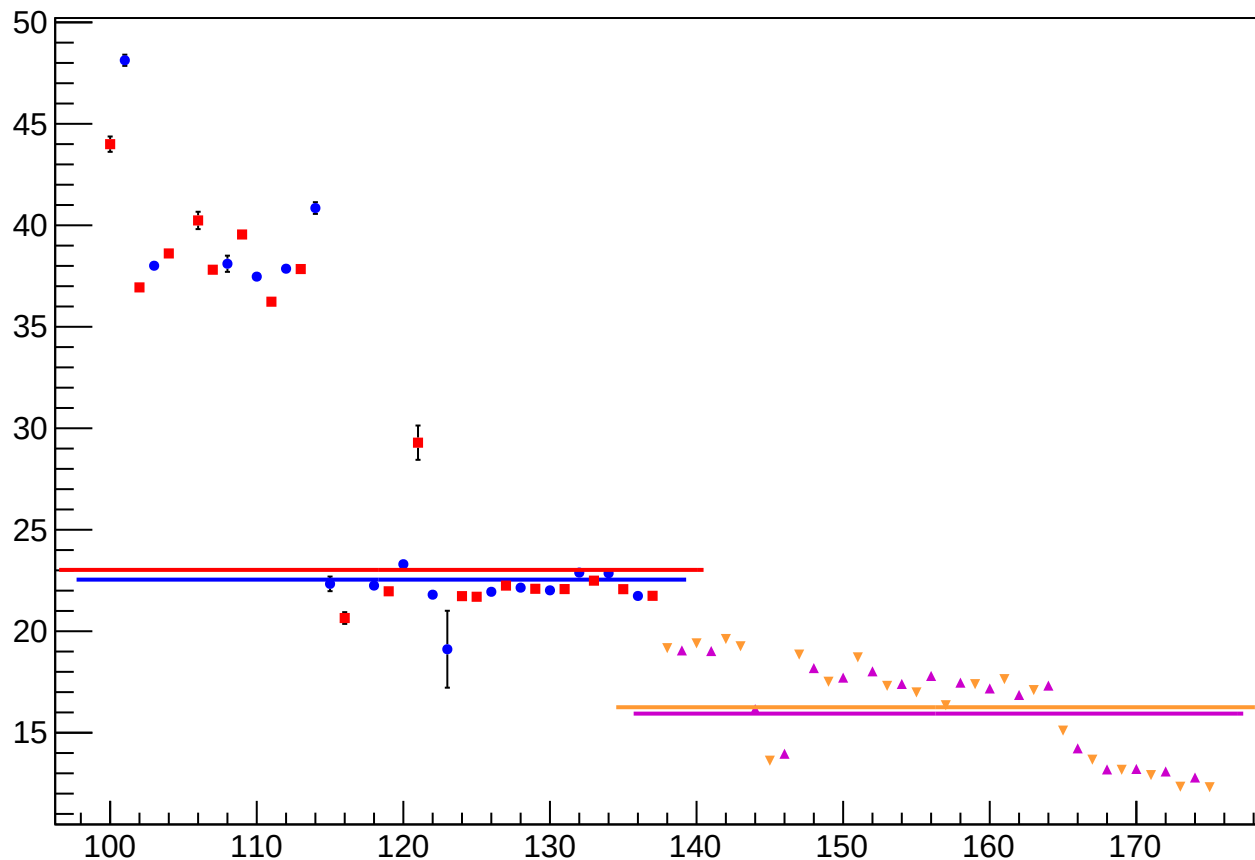
Left In: 0.533+/-0.001 χ^2/NDF :9959.6/17

+ sign 0.830+/-0.000 χ^2/NDF : 115138.5/36

All: 0.289+/-0.000 χ^2/NDF : 29066082561457

- sign 0.227+/-0.000 χ^2/NDF : 109856.5/36

dit_sam6_4aY_slope vs Slug



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 16.256 $\pm$ 0.005 χ^2 /NDF:238977.1/19

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

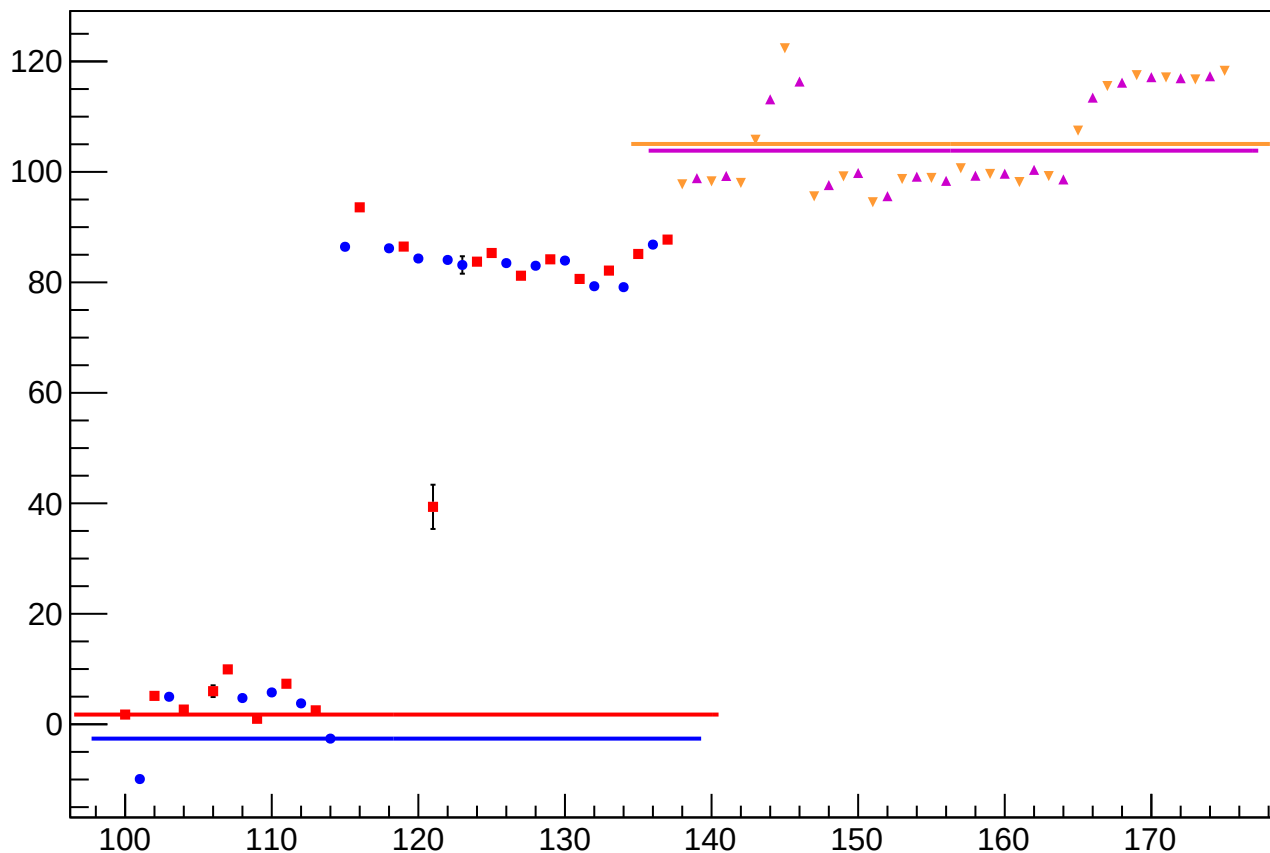
Left In: 15.942 $\pm$ 0.005 χ^2 /NDF:186765.9/17

+ sign 17.646 $\pm$ 0.004 χ^2 /NDF: 699567.9/36

All: 17.730 $\pm$ 0.003 χ^2 /NDF: 1502811.6/73

- sign 17.824 $\pm$ 0.005 χ^2 /NDF: 802473.8/36

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 105.057+/-0.011 χ^2/NDF : 701040.7/19

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

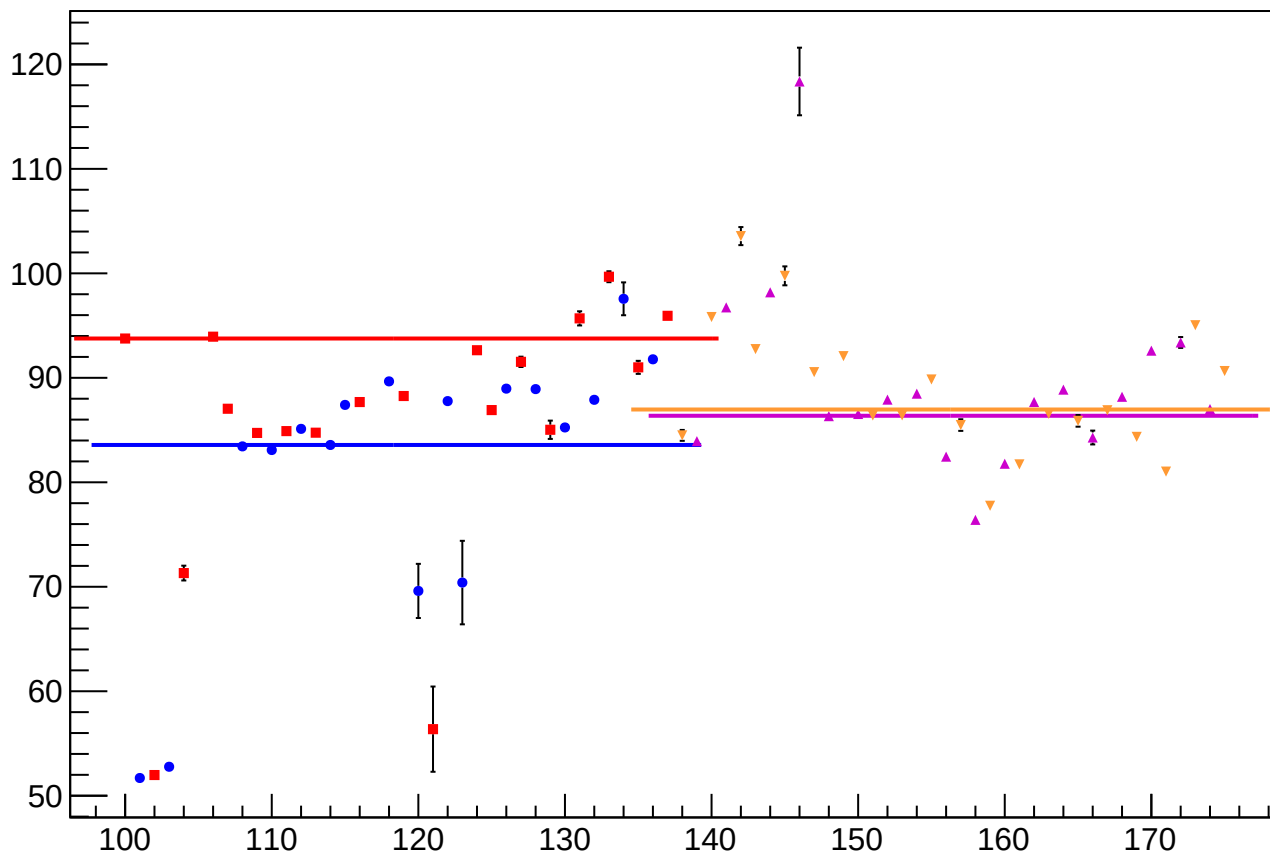
Left In: 103.842+/-0.011 χ^2/NDF : 556277.8/17

+ sign -2.596+/-0.000 χ^2/NDF : 110957219.6/36

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

- sign 1.758+/-0.000 χ^2/NDF : 92536207.5/36

dit_sam7_4aX_slope vs Slug



Right In: 83.573 $\pm$ 0.000 χ^2 /NDF: 49468.0/16

Left Out: 86.968 $\pm$ 0.068 χ^2 /NDF: 6887.9/19

Right Out: 93.762 $\pm$ 0.000 χ^2 /NDF: 82848.8/18

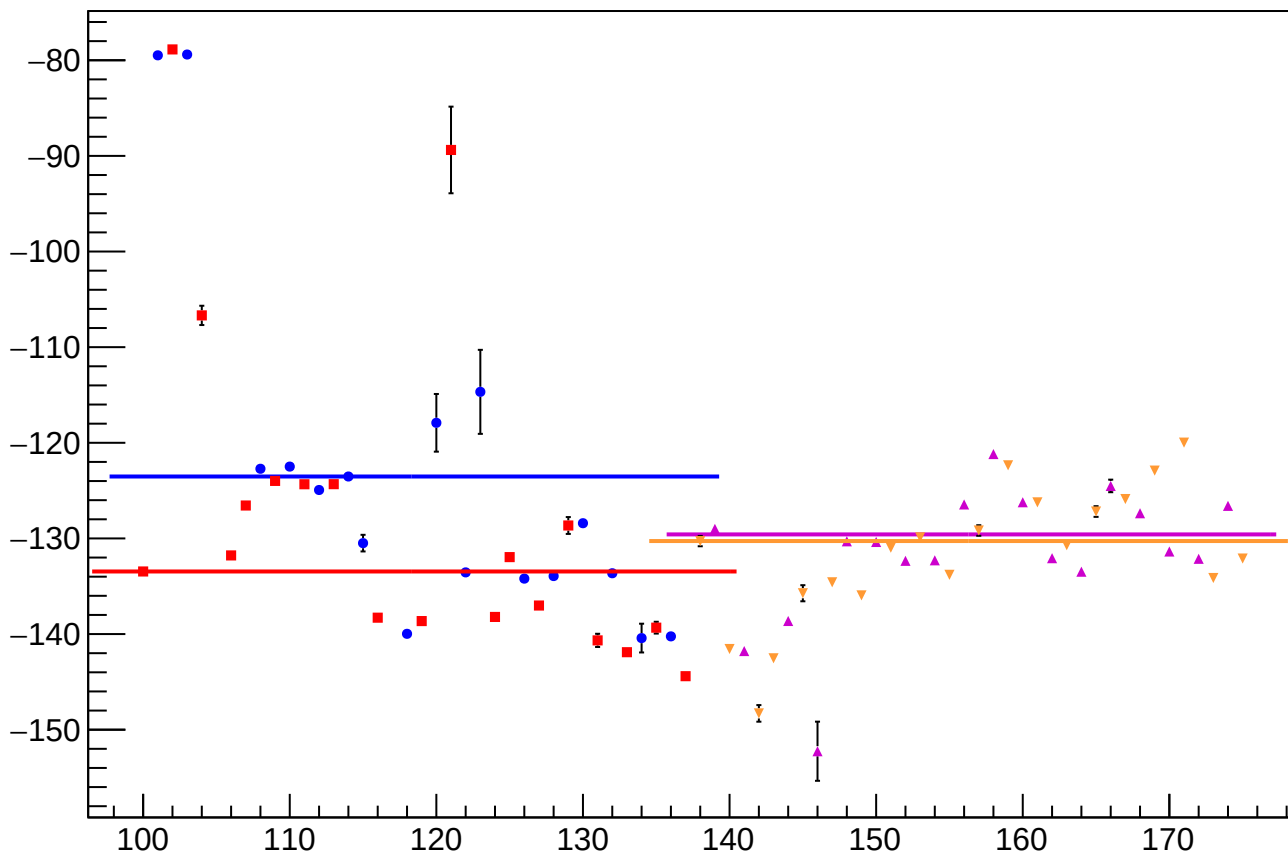
Left In: 86.368 $\pm$ 0.057 χ^2 /NDF: 7356.6/17

+ sign 83.573 $\pm$ 0.000 χ^2 /NDF: 58867.9/36

All: 87.169 $\pm$ 0.000 χ^2 /NDF: 1995684404141

- sign 93.762 $\pm$ 0.000 χ^2 /NDF: 107054.9/36

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 χ^2/NDF : 160356.5/16

Left Out: -130.274 ± 0.067 χ^2/NDF : 9421.6/19

Right Out: -133.456 ± 0.000 χ^2/NDF : 394896.3/18

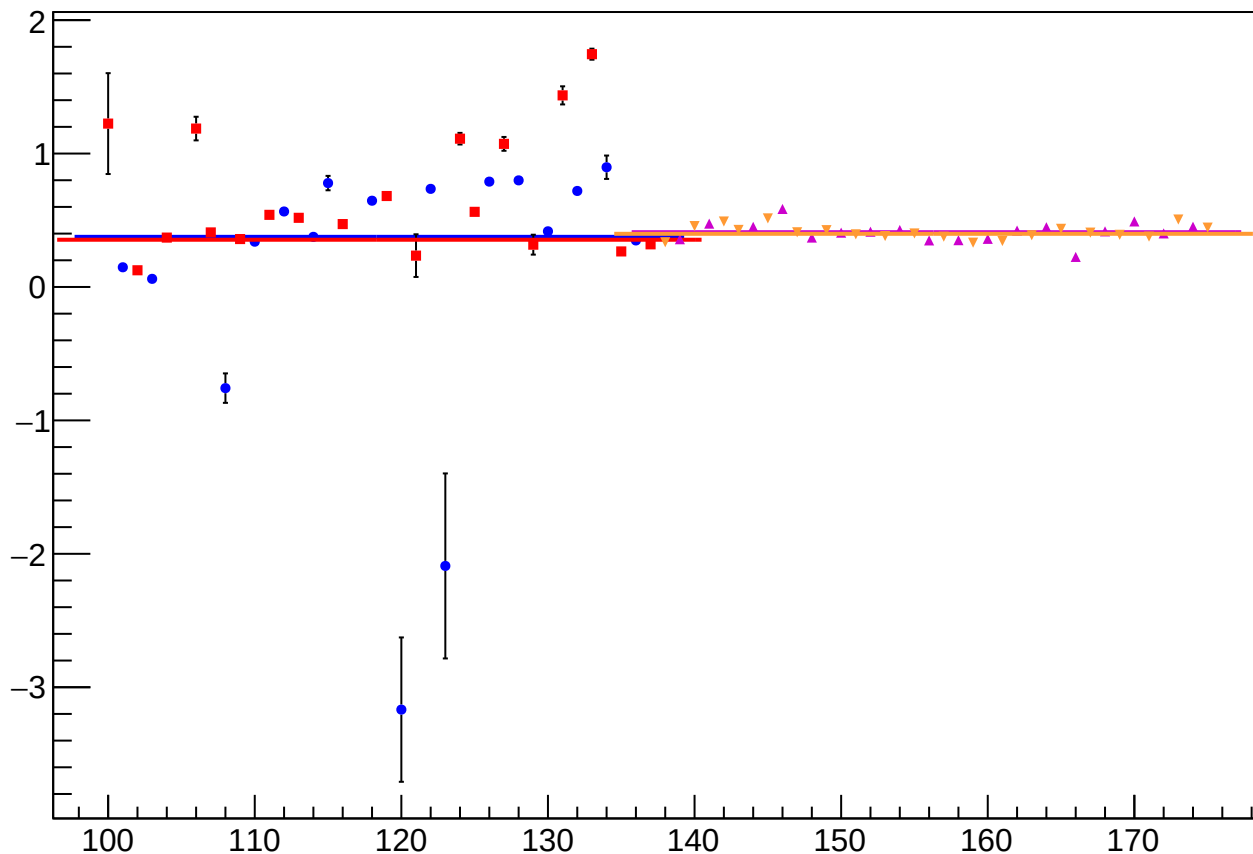
Left In: -129.580 ± 0.056 χ^2/NDF : 5622.1/17

+ sign -123.524 ± 0.000 χ^2/NDF : 179938.7/36

All: -124.716 ± 0.000 χ^2/NDF : 64467869901

- sign -133.456 ± 0.000 χ^2/NDF : 405246.4/36

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.398 $\pm$ 0.001 χ^2 /NDF: 7942.6/19

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

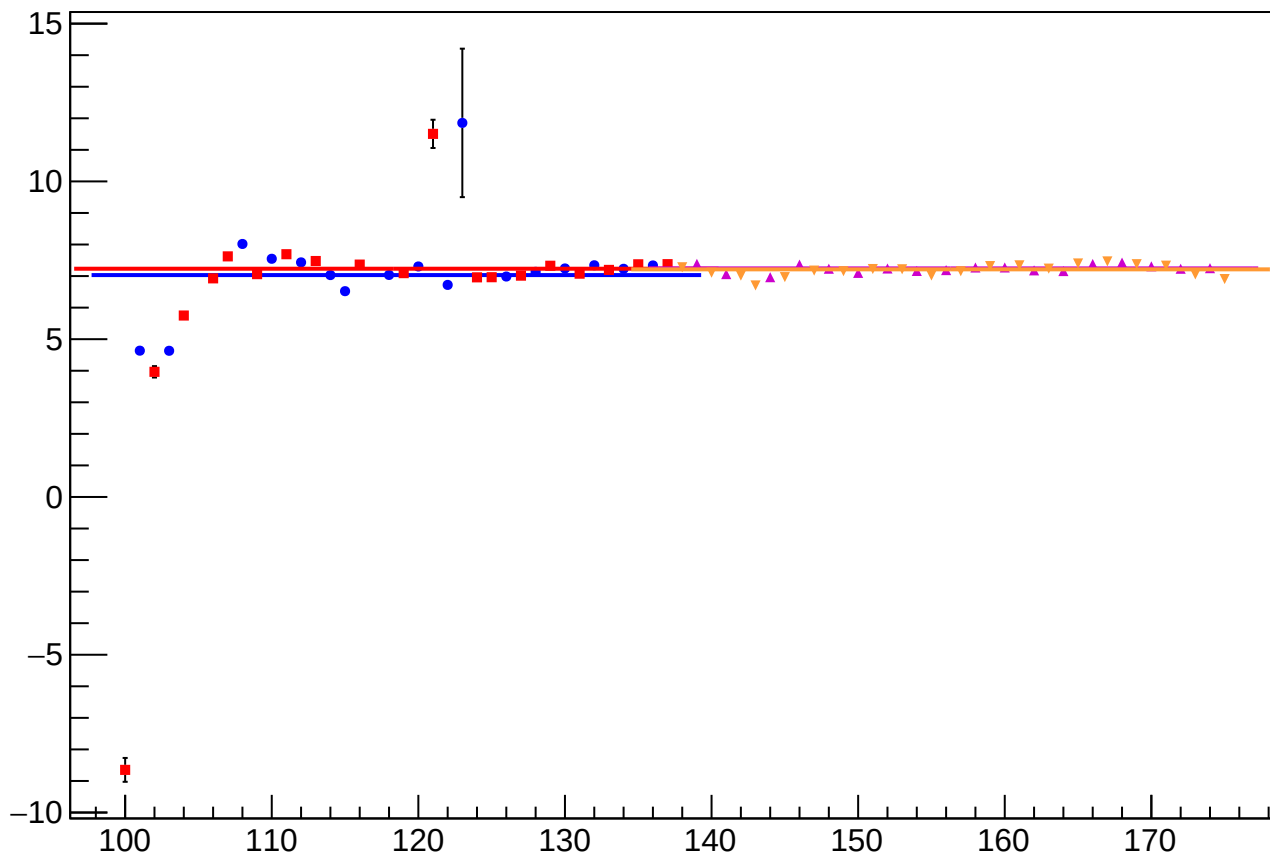
Left In: 0.411 $\pm$ 0.000 χ^2 /NDF: 8008.0/17

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 13817.9/36

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 32078.9/73

- sign 0.406 $\pm$ 0.000 χ^2 /NDF: 13880.4/36

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.213 ± 0.001 χ^2/NDF : 30532.0/19

Right Out: 7.233 ± 0.002 χ^2/NDF : 10061.8/18

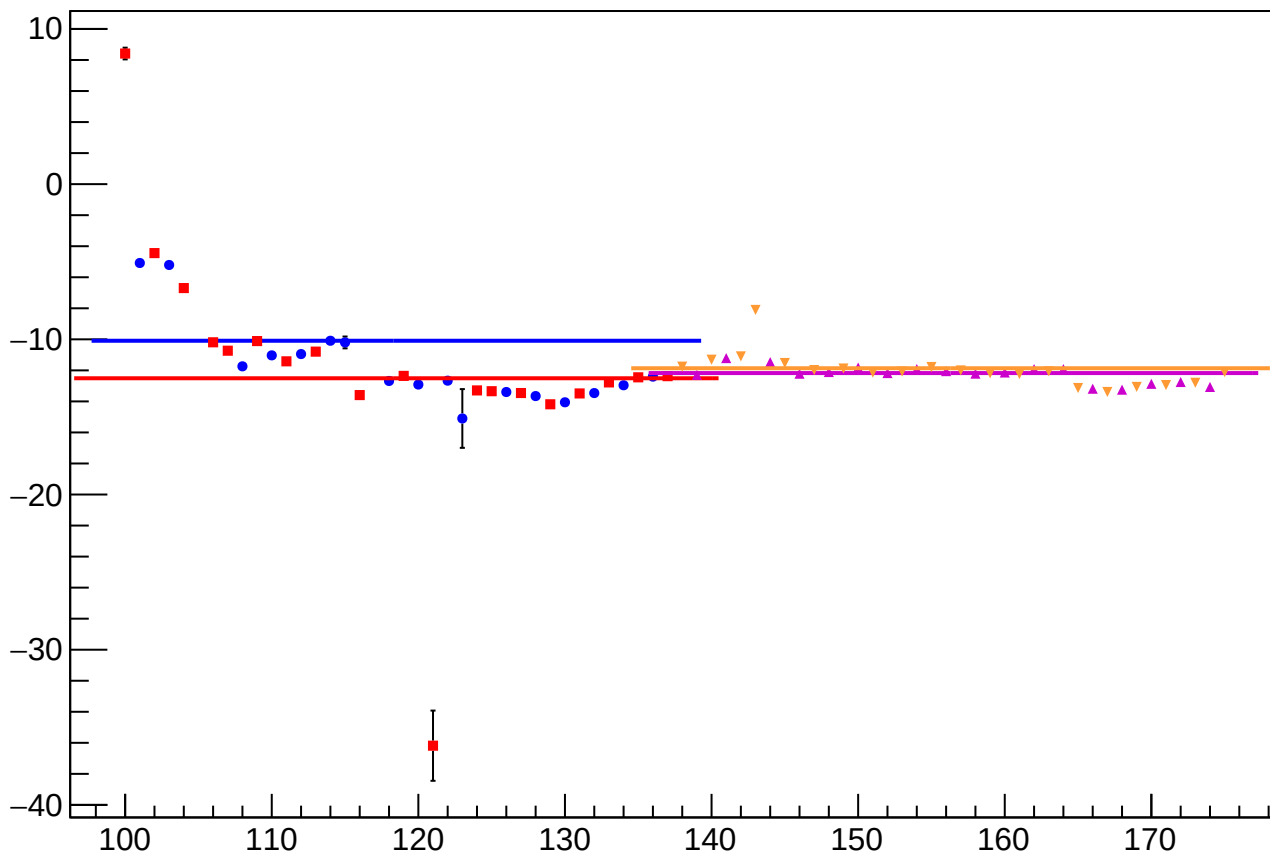
Left In: 7.244 ± 0.001 χ^2/NDF : 18003.3/17

+ sign 7.032 ± 0.000 χ^2/NDF : 88329.9/36

All: 7.032 ± 0.000 χ^2/NDF : 186239.6/73

- sign 7.243 ± 0.001 χ^2/NDF : 28082.8/36

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 $\chi^2/\text{NDF}: 543504.2/16$

Left Out: -11.863 ± 0.002 $\chi^2/\text{NDF}: 484171.9/19$

Right Out: -12.509 ± 0.004 $\chi^2/\text{NDF}: 103509.4/18$

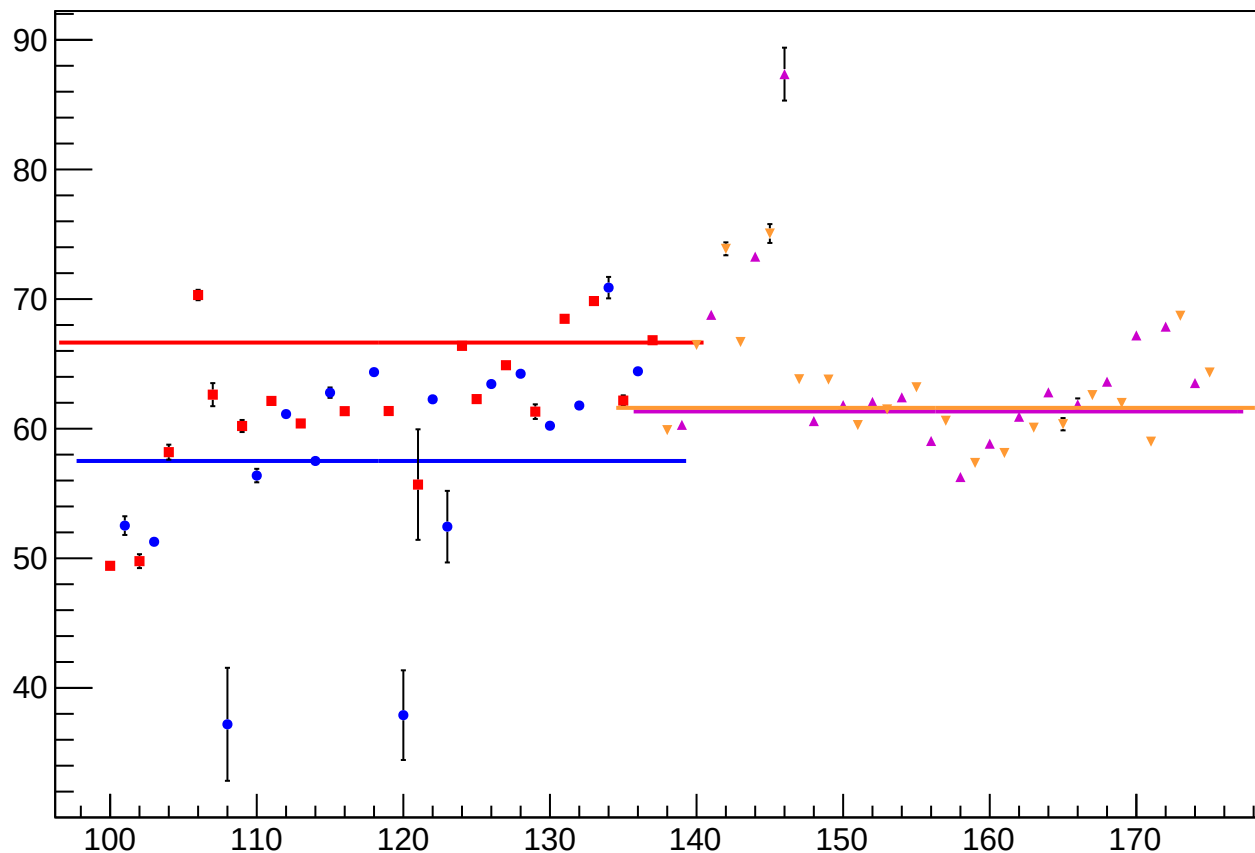
Left In: -12.174 ± 0.002 $\chi^2/\text{NDF}: 47708.9/17$

+ sign -10.092 ± 0.000 $\chi^2/\text{NDF}: 2038996.2/36$

All: -10.092 ± 0.000 $\chi^2/\text{NDF}: 4025621.6/73$

- sign -12.234 ± 0.002 $\chi^2/\text{NDF}: 157759.1/36$

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 61.607 ± 0.041 χ^2/NDF : 7073.6/19

Right Out: 66.645 ± 0.013 χ^2/NDF : 8163.8/18

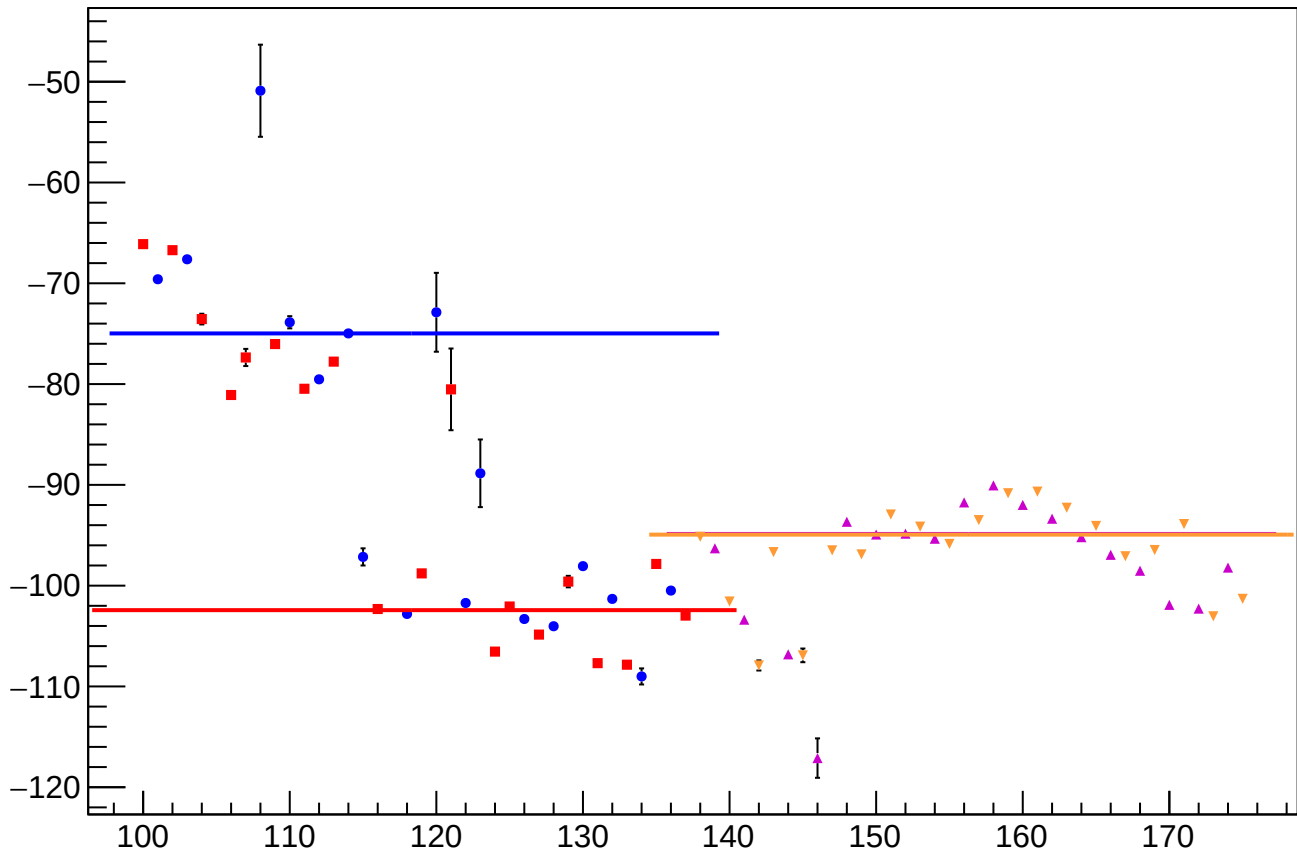
Left In: 61.330 ± 0.035 χ^2/NDF : 7940.5/17

+ sign 57.510 ± 0.000 χ^2/NDF : 24988.7/36

All: 57.510 ± 0.000 χ^2/NDF : 541241.6/73

- sign 65.990 ± 0.012 χ^2/NDF : 36449.0/36

dit_sam8_4eX_slope vs Slug



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 130544.0/16

Left Out: -94.938 $\pm$ 0.041 χ^2 /NDF: 8386.8/19

Right Out: -102.430 $\pm$ 0.018 χ^2 /NDF: 50377.5/18

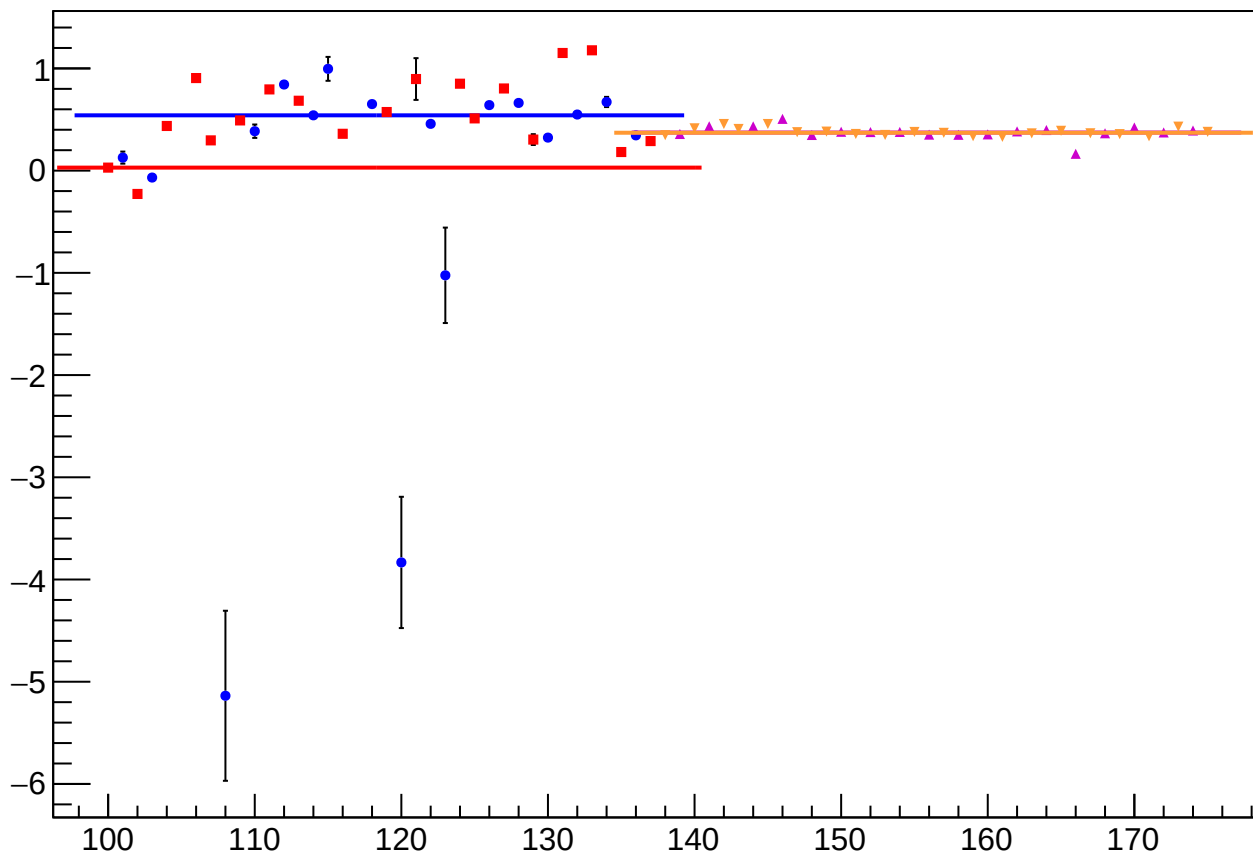
Left In: -94.871 $\pm$ 0.035 χ^2 /NDF: 9598.6/17

+ sign -74.974 $\pm$ 0.000 χ^2 /NDF: 373853.1/36

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 3126255.2/73

- sign -100.899 $\pm$ 0.016 χ^2 /NDF: 96438.5/36

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF : 29180.5/16

Left Out: 0.371+/-0.000 χ^2/NDF : 6331.2/19

Right Out: 0.030+/-0.000 χ^2/NDF : 121659.5/18

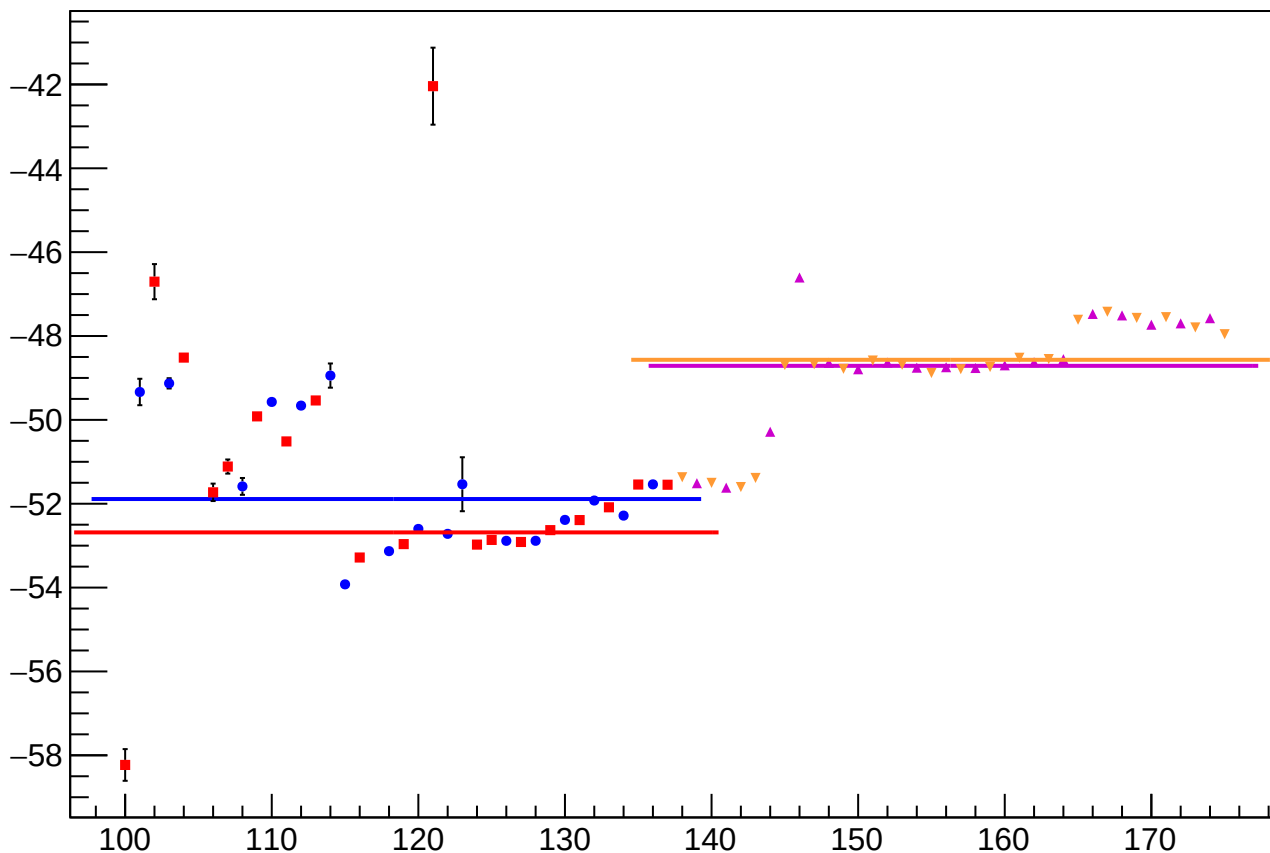
Left In: 0.373+/-0.000 χ^2/NDF : 5885.4/17

+ sign 0.541+/-0.000 χ^2/NDF : 238618.1/36

All: 0.030+/-0.000 χ^2/NDF : 23314297700963

- sign 0.030+/-0.000 χ^2/NDF : 1322107.5/36

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -48.567 ± 0.001 χ^2/NDF : 651313.2/19

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

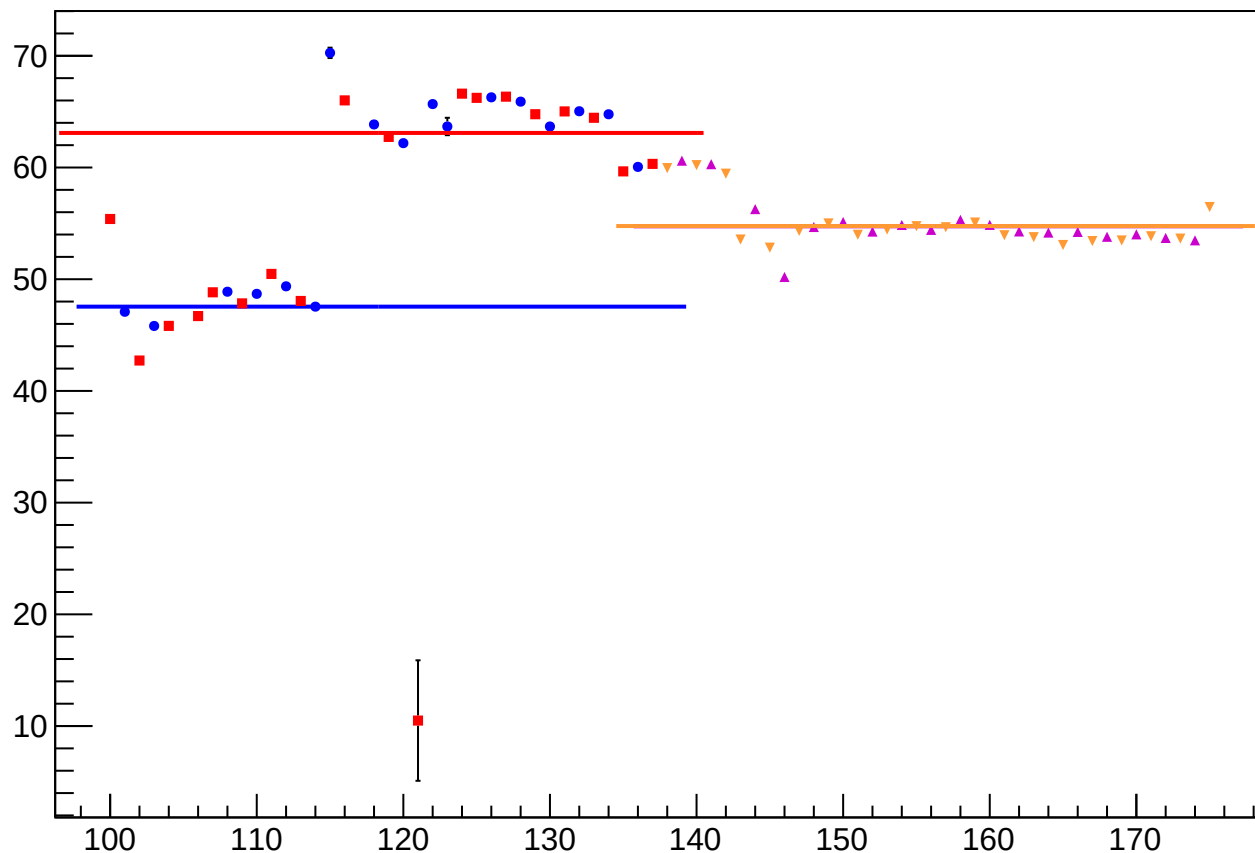
Left In: -48.711 ± 0.001 χ^2/NDF : 768819.1/17

+ sign -49.232 ± 0.001 χ^2/NDF : 2505585.3/36

All: -49.215 ± 0.001 χ^2/NDF : 5442947.6/73

- sign -49.201 ± 0.001 χ^2/NDF : 2936837.4/36

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 54.761 $\pm$ 0.003 χ^2 /NDF: 283396.4/19

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

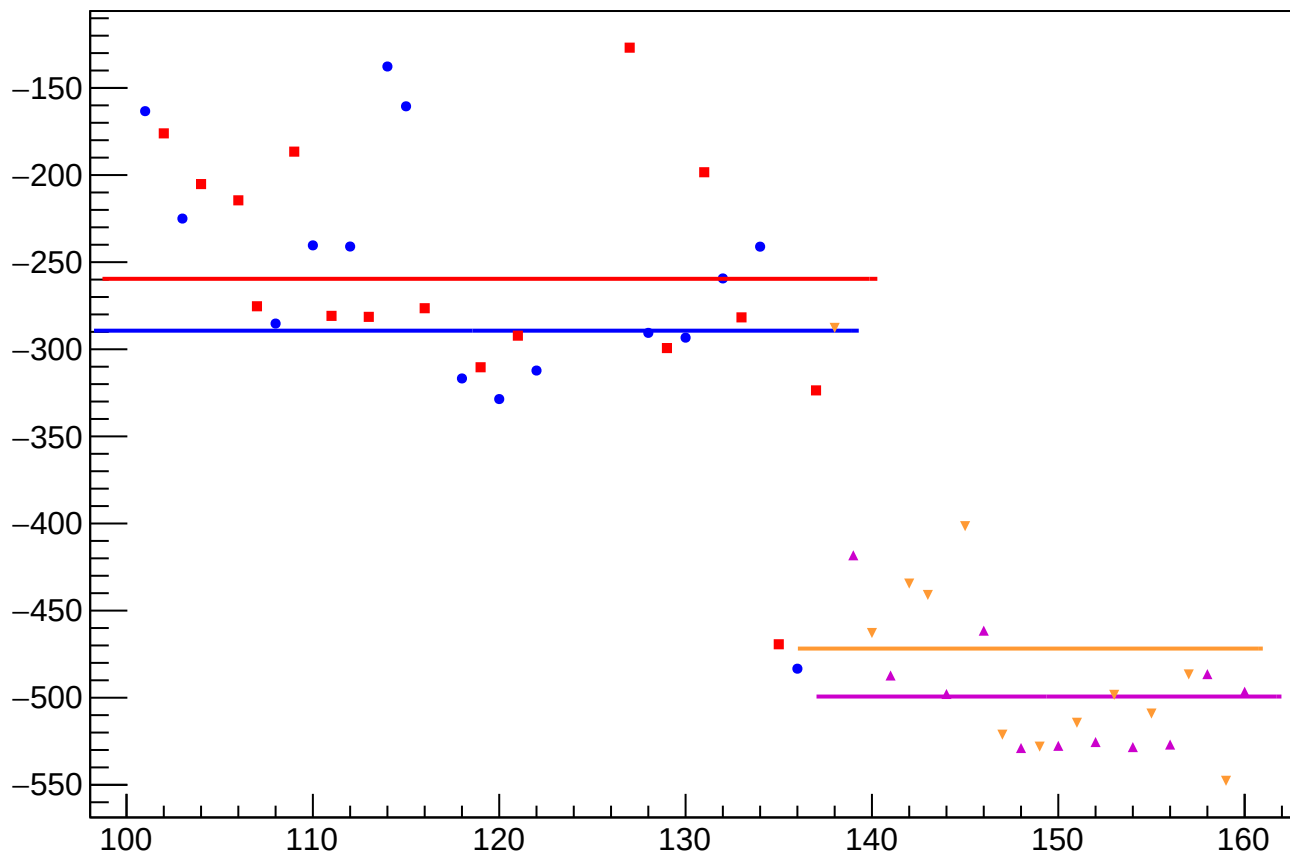
Left In: 54.736 $\pm$ 0.003 χ^2 /NDF: 93620.4/17

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9624614.5/36

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 21884436.2/73

- sign 55.654 $\pm$ 0.002 χ^2 /NDF: 1541041.0/36

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -471.791+/-0.000 χ^2/NDF : 4407577357733372304653153526381281280.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

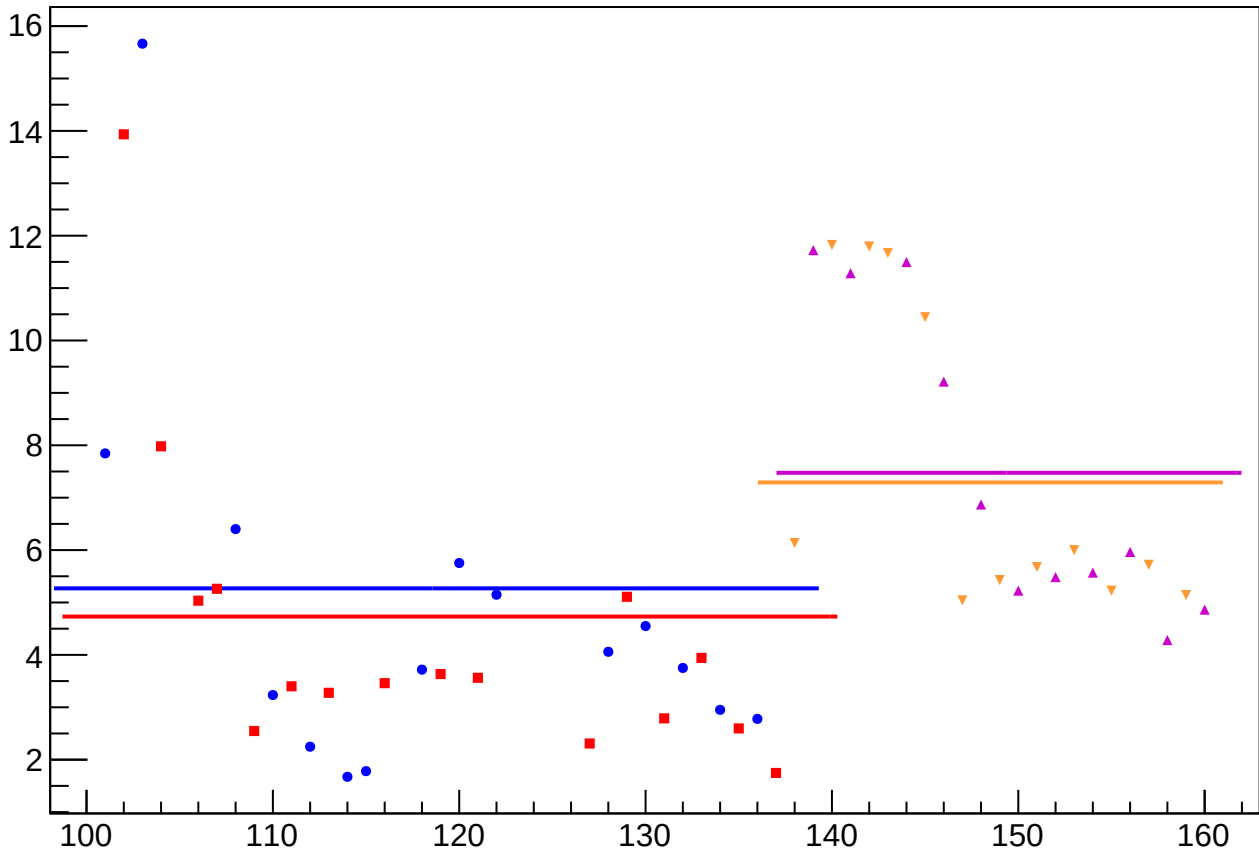
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF : 6718053515172863885836432351166464.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

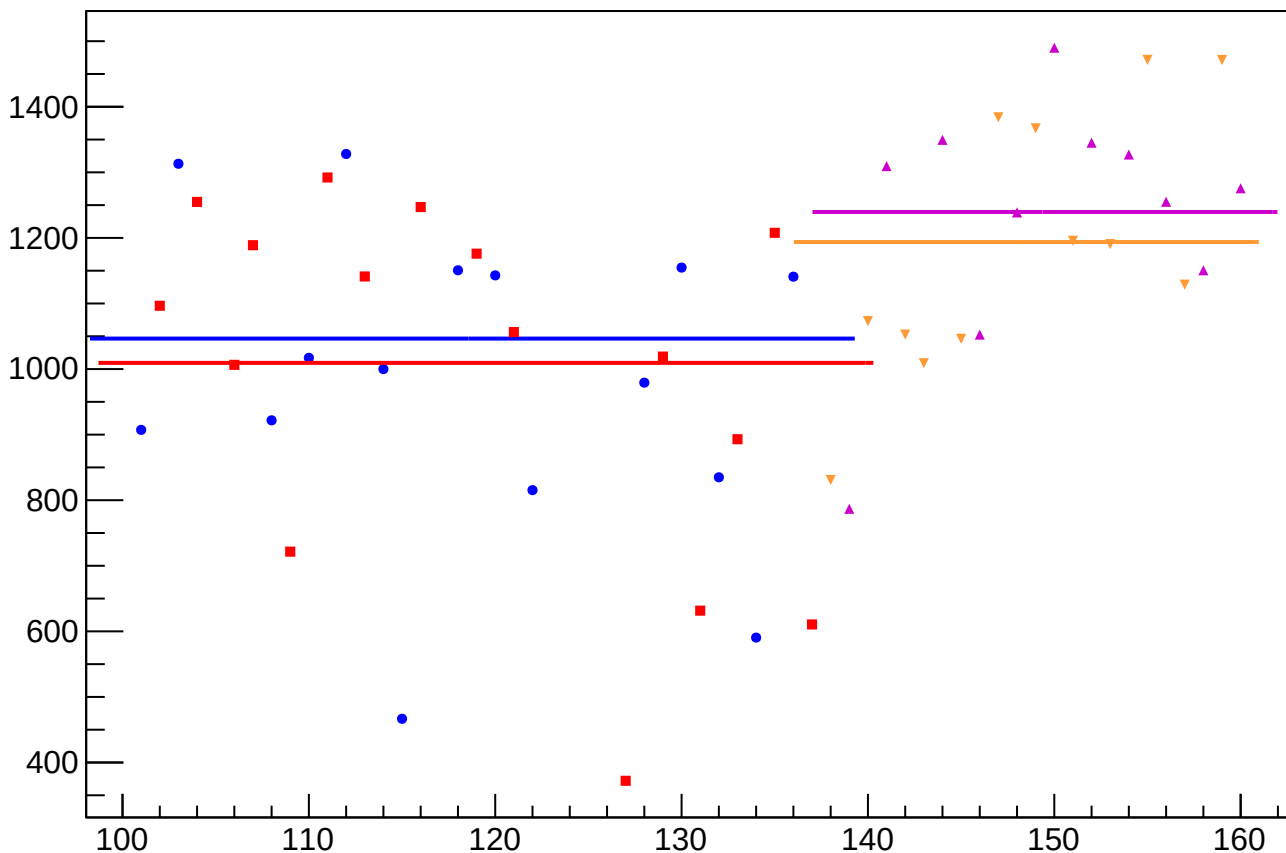
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ sign 6.452+/-0.000 χ^2/NDF : 16978559973735600

All: 6.388+/-0.000 χ^2/NDF : 33820915421032

- sign 6.325+/-0.000 χ^2/NDF : 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

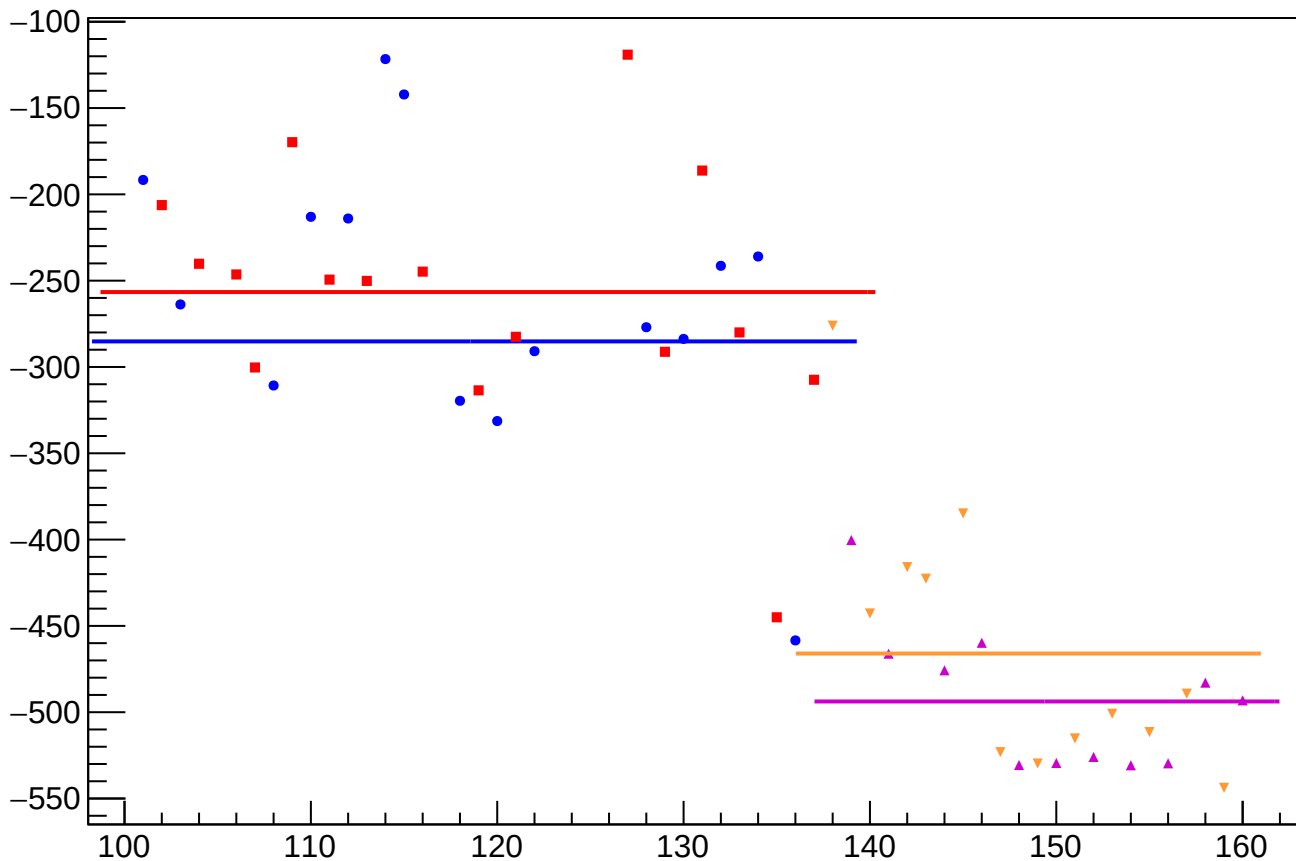
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -466.012+/-0.000 χ^2/NDF : 5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

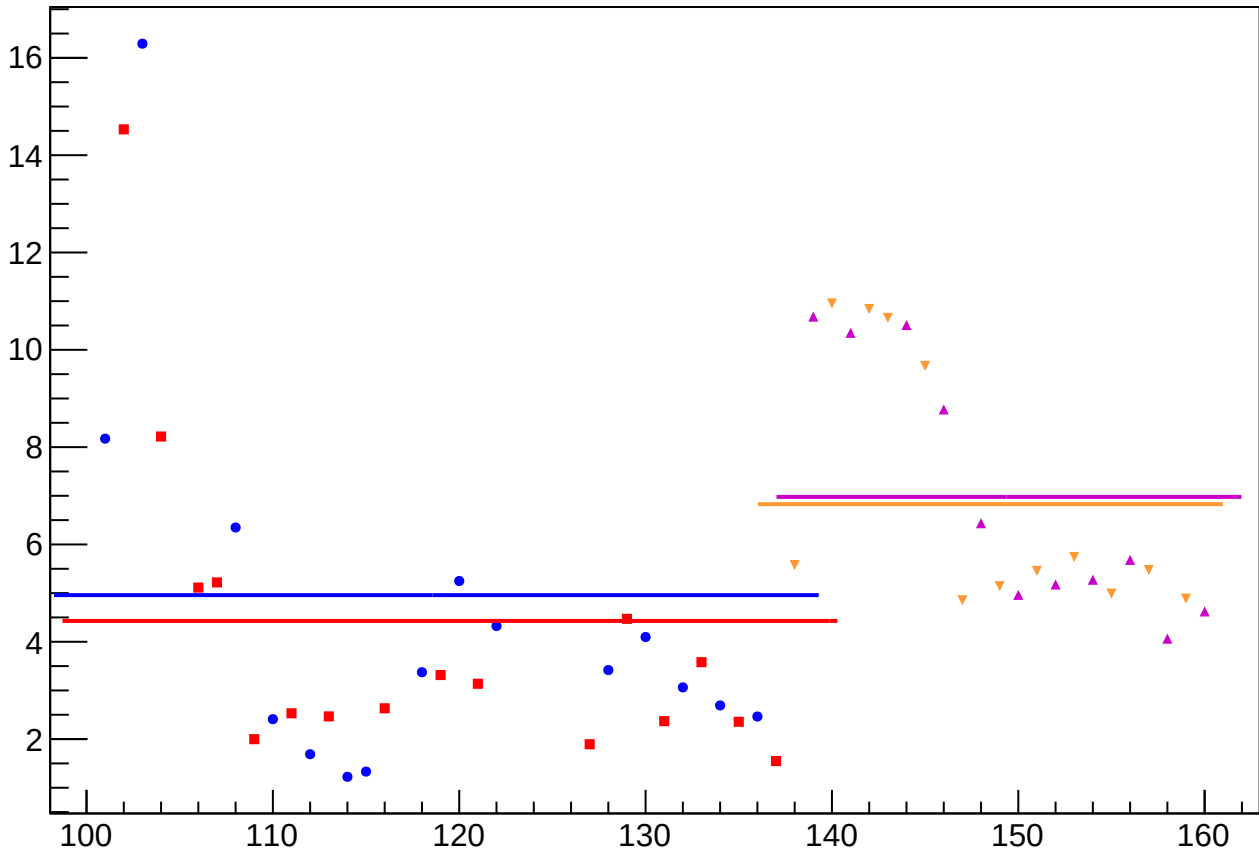
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF : 22079891664929

All: -392.652+/-0.000 χ^2/NDF : 48980613059

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



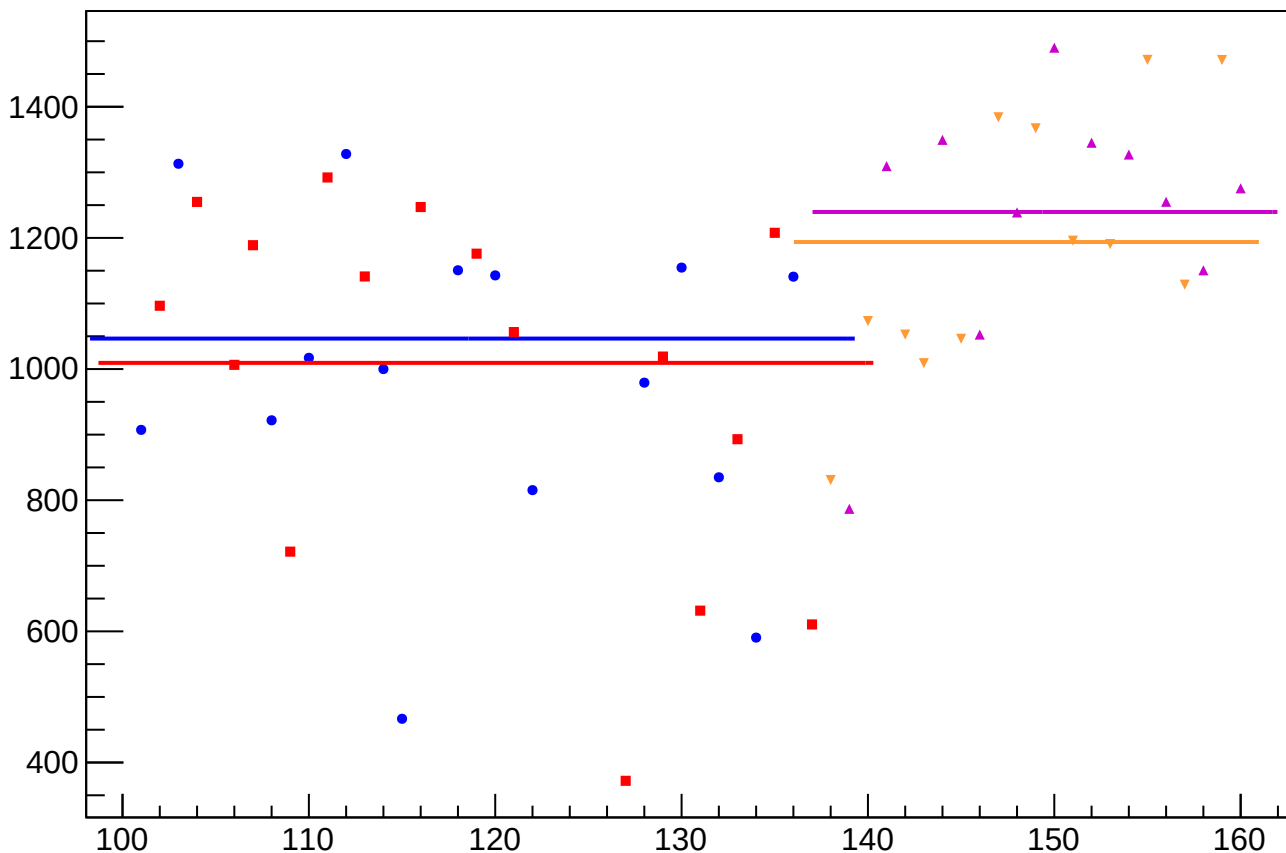
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.828+/-0.000 χ^2/NDF : 5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

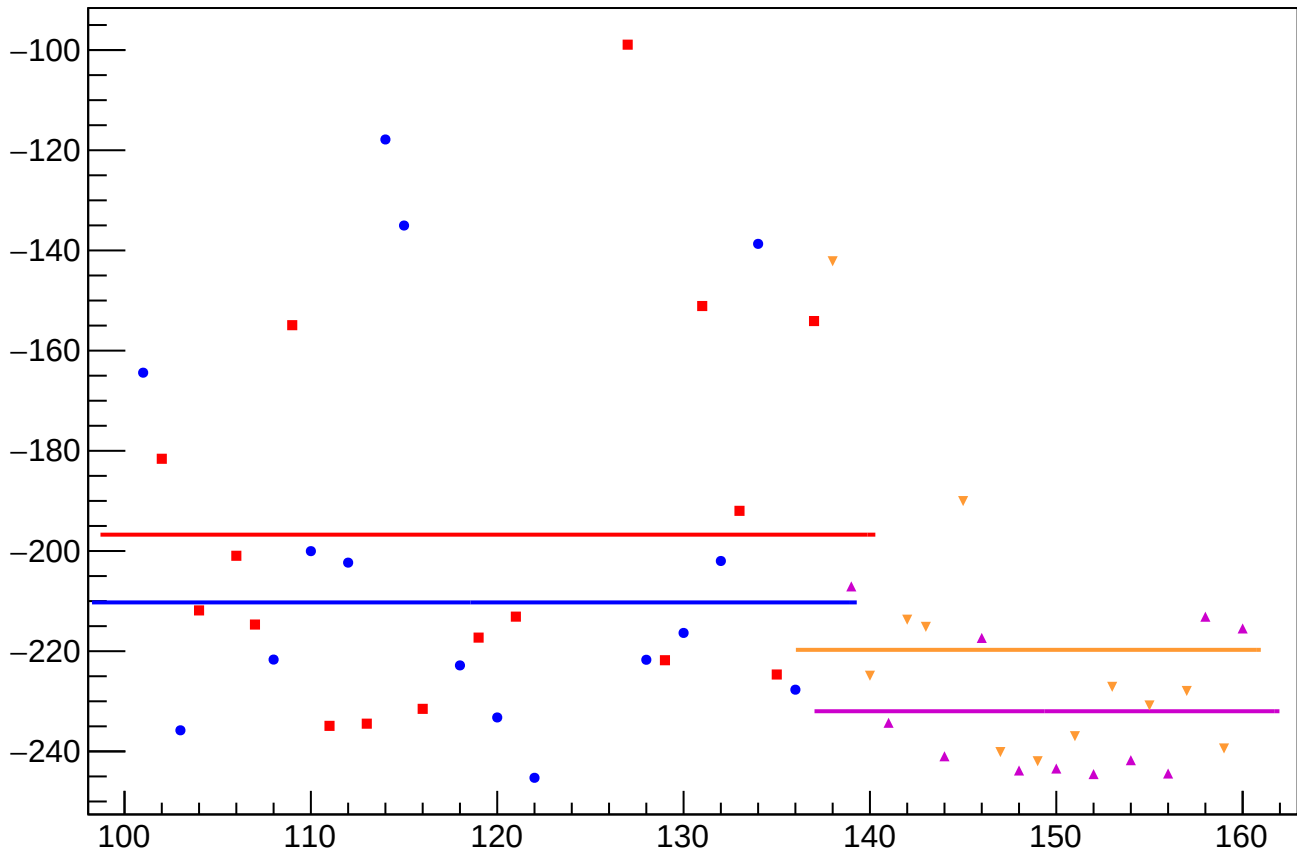
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -219.729+/-0.000 χ^2/NDF : 691090878567021644145539364306288640.0/11

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

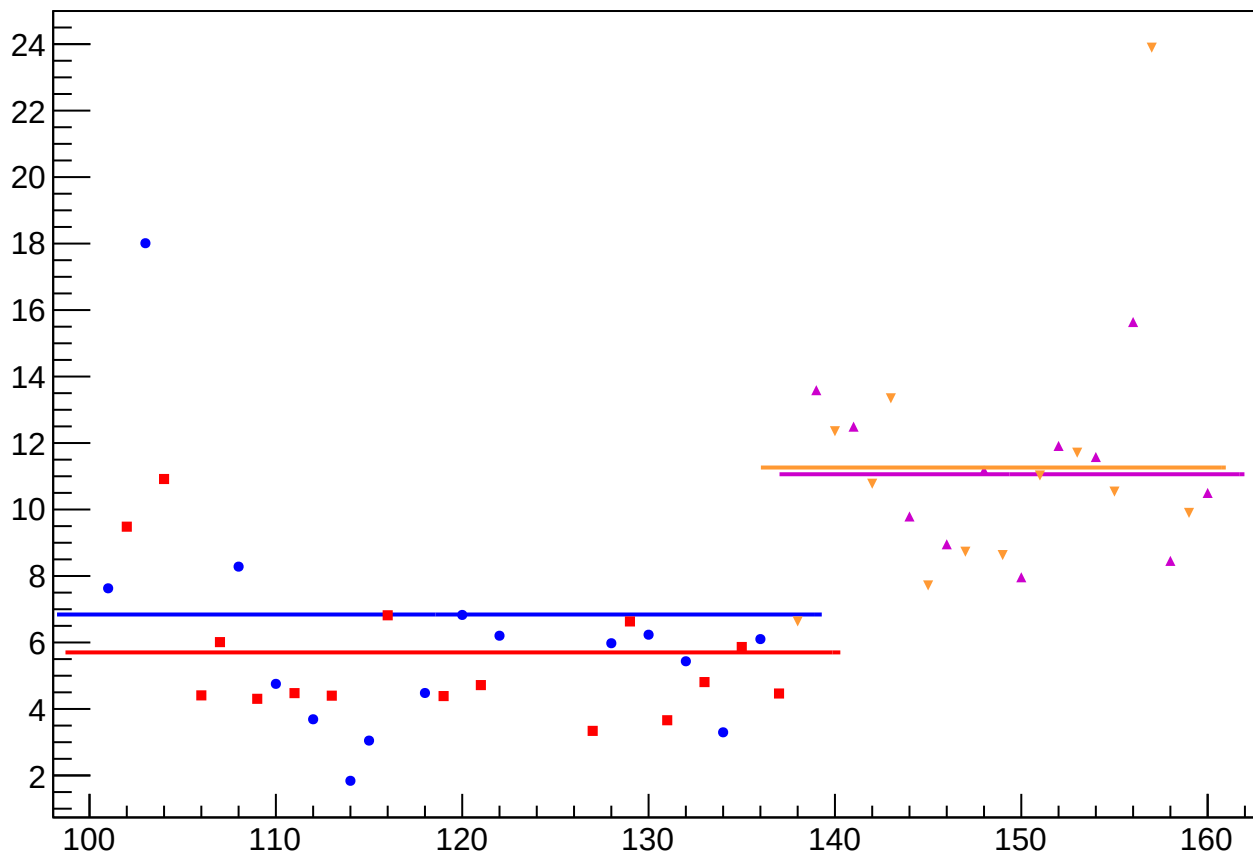
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.798+/-0.000 χ^2/NDF : 12928194150556

All: -216.509+/-0.000 χ^2/NDF : 28682587905

- sign -217.208+/-0.000 χ^2/NDF : 157387232918828

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000

χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000

χ^2/NDF : 16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000

χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000

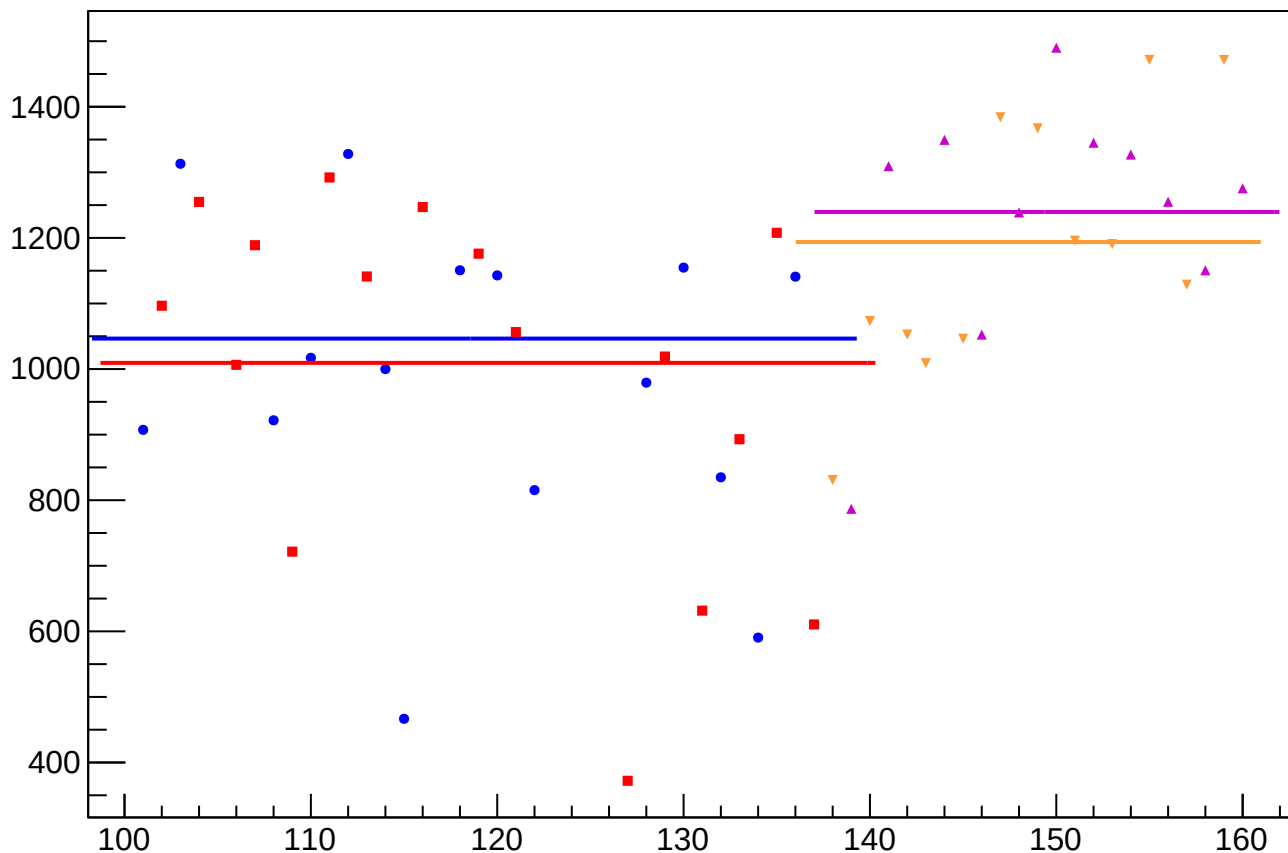
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



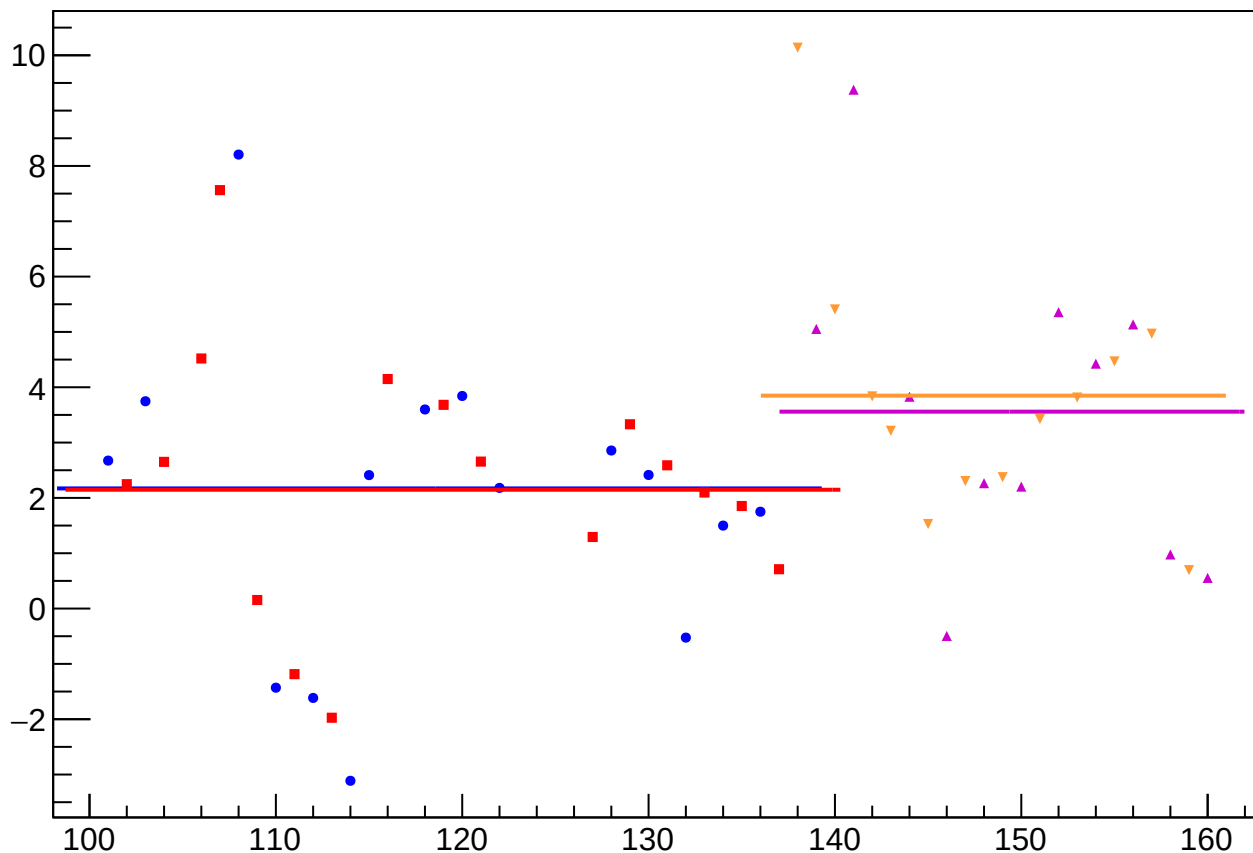
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000

χ^2/NDF : 3599819246909975678410499691642880.0/14

Left Out: 3.848+/-0.000

χ^2/NDF : 5039599457588936759406360166137856.0/11

Right Out: 2.148+/-0.000

χ^2/NDF : 3093887336239378959606321931878400.0/15

Left In: 3.559+/-0.000

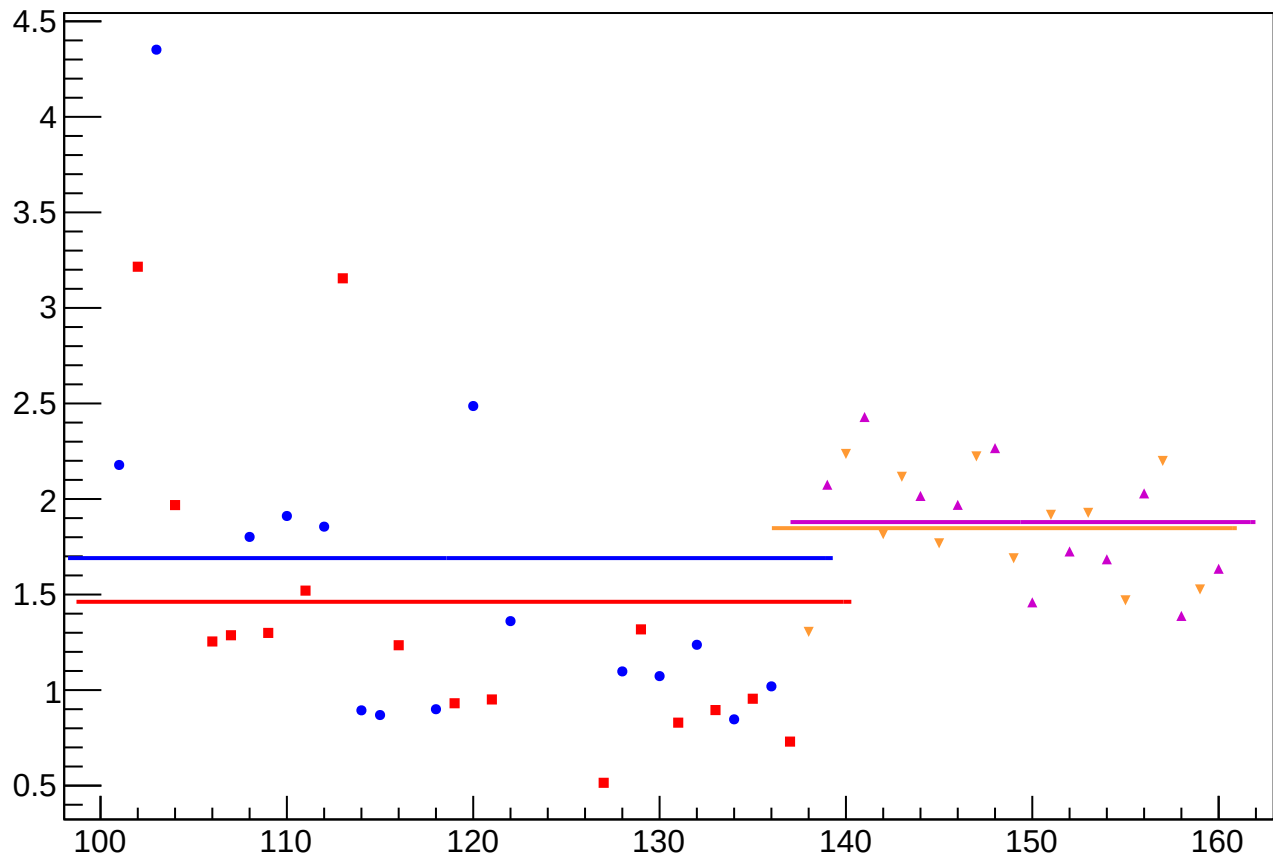
χ^2/NDF : 6492667345109962540652165758713856.0/10

+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652

All: 3.059+/-0.000 χ^2/NDF : 20091616900140

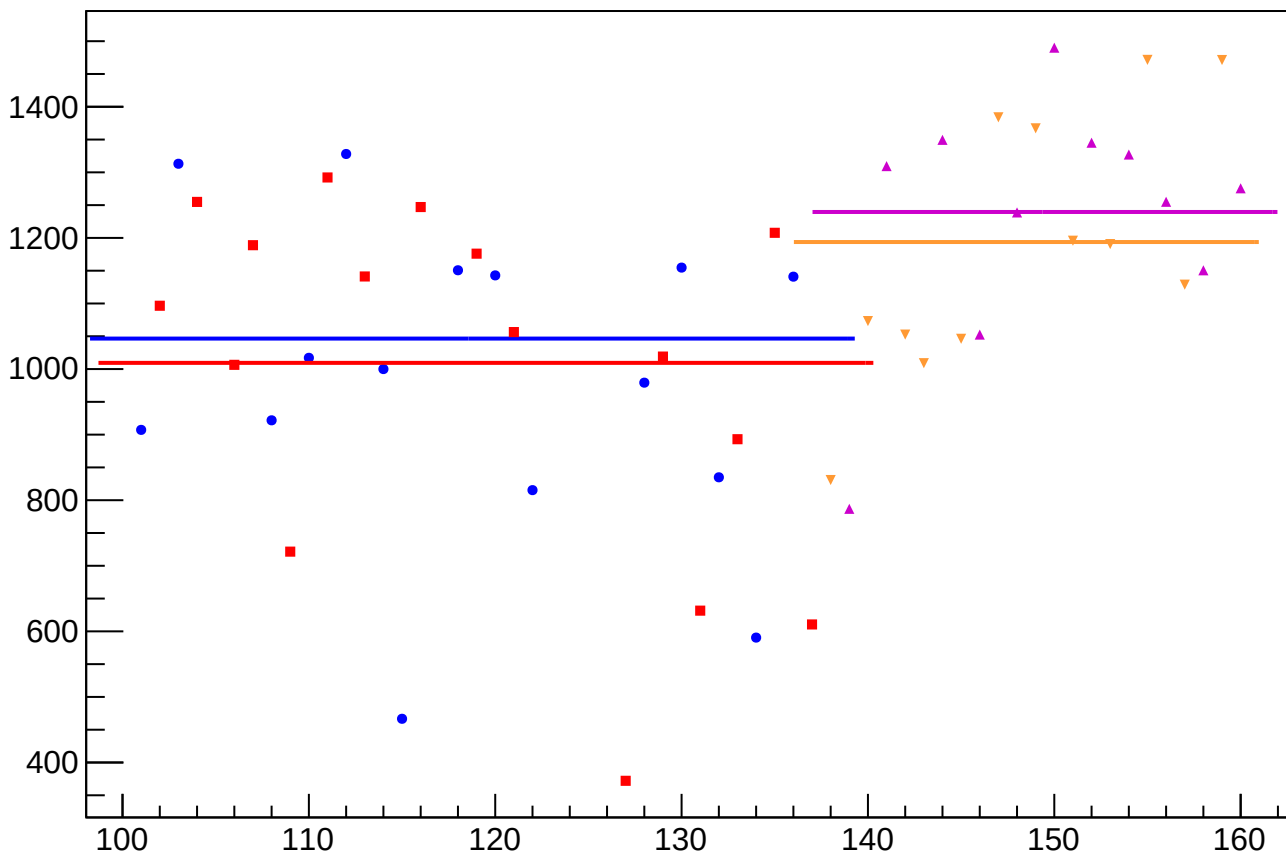
- sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

dit_4aY_coil1_err_mean vs Slug



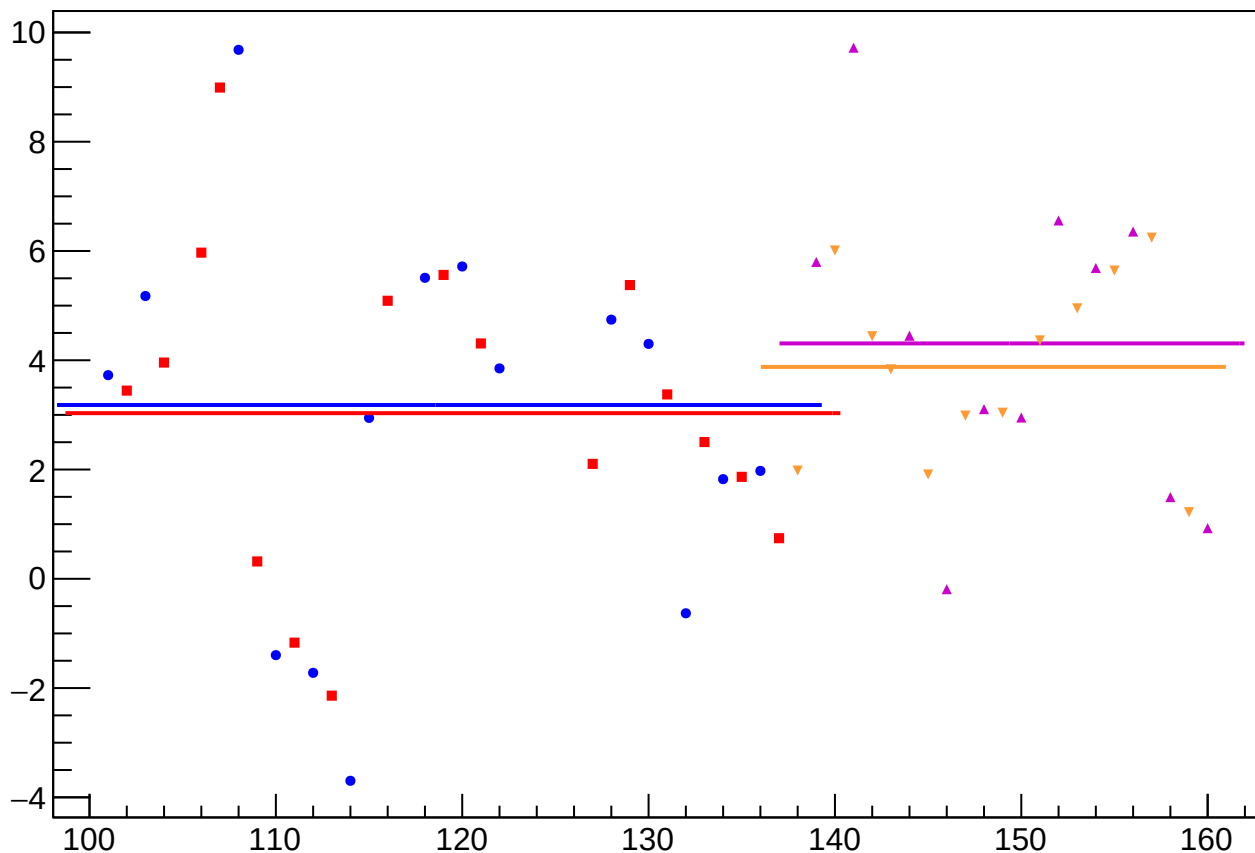
Right In: 1.691 ± 0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.847 ± 0.000 χ^2/NDF : 84162850183102511254837045231616.0/11
 Right Out: 1.462 ± 0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: 1.879 ± 0.000 χ^2/NDF : 90968052268112309617342982127616.0/10

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

dit_4eY_coil1_mean vs Slug



Right In: 3.181 ± 0.000

χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.878 ± 0.000

χ^2/NDF : 2463584640289158504459219897417728.0/11

Right Out: 3.032 ± 0.000

χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.308 ± 0.000

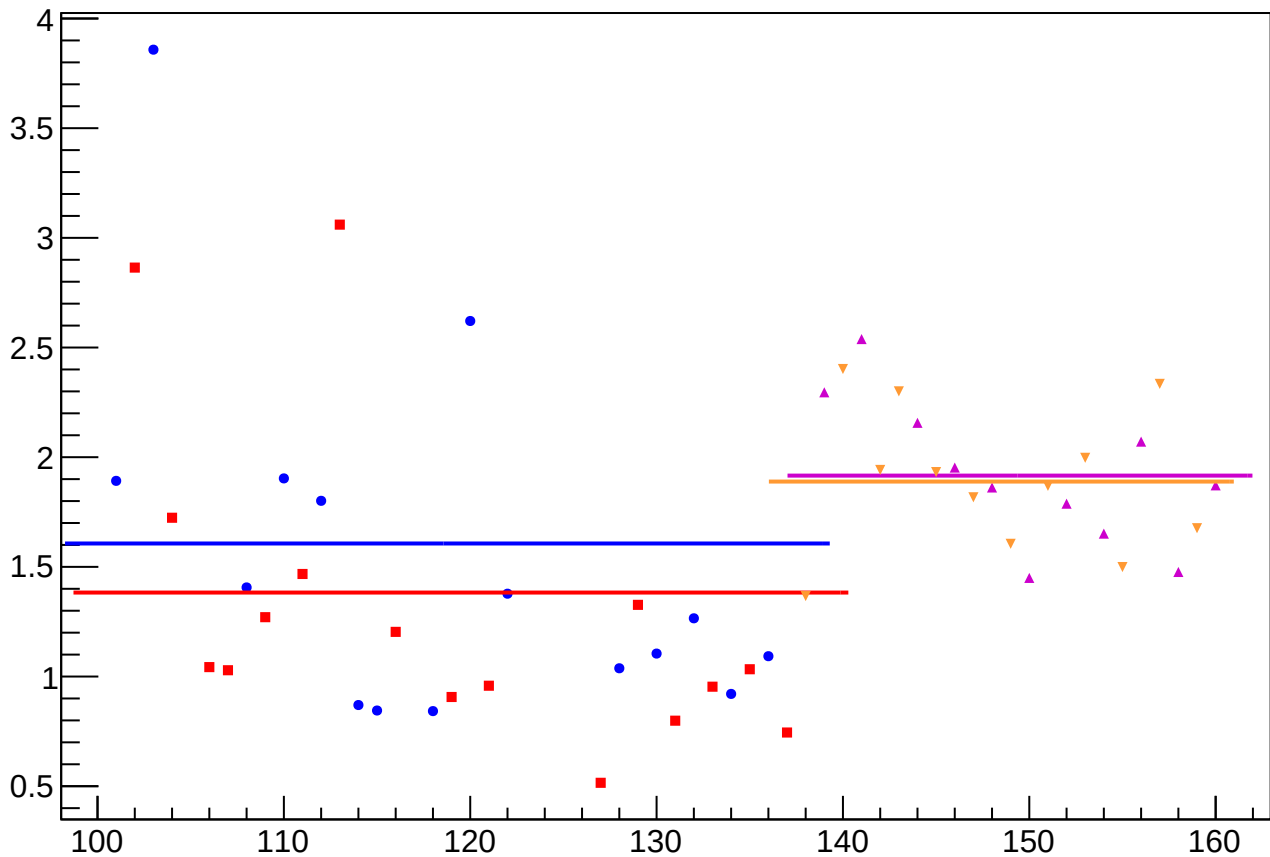
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589 ± 0.000 χ^2/NDF : 84811787194063263

All: 3.682 ± 0.000 χ^2/NDF : 21150064748618

- sign 3.773 ± 0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

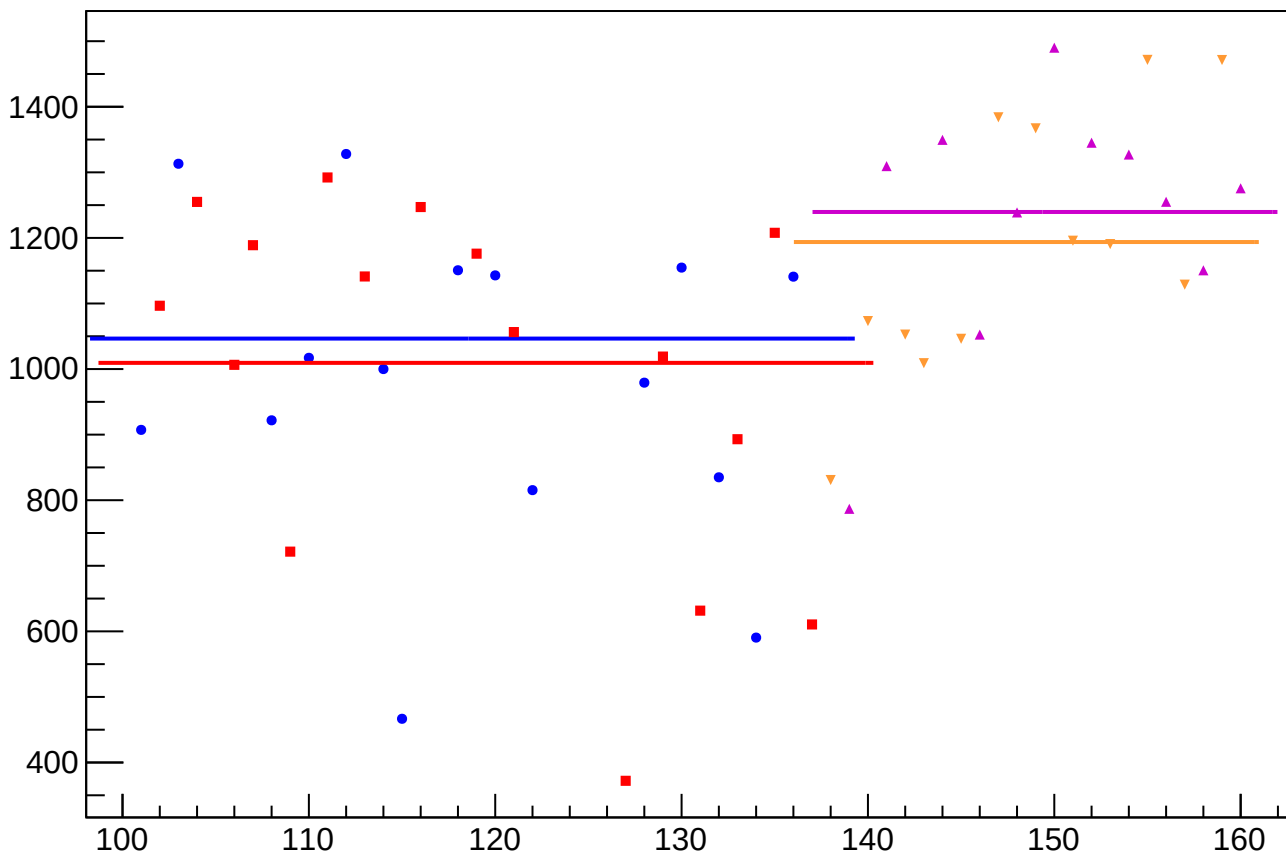
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ sign 1.772 $\pm$ 0.000 χ^2 /NDF: 58529175260763022

All: 1.732 $\pm$ 0.000 χ^2 /NDF: 11539749951204

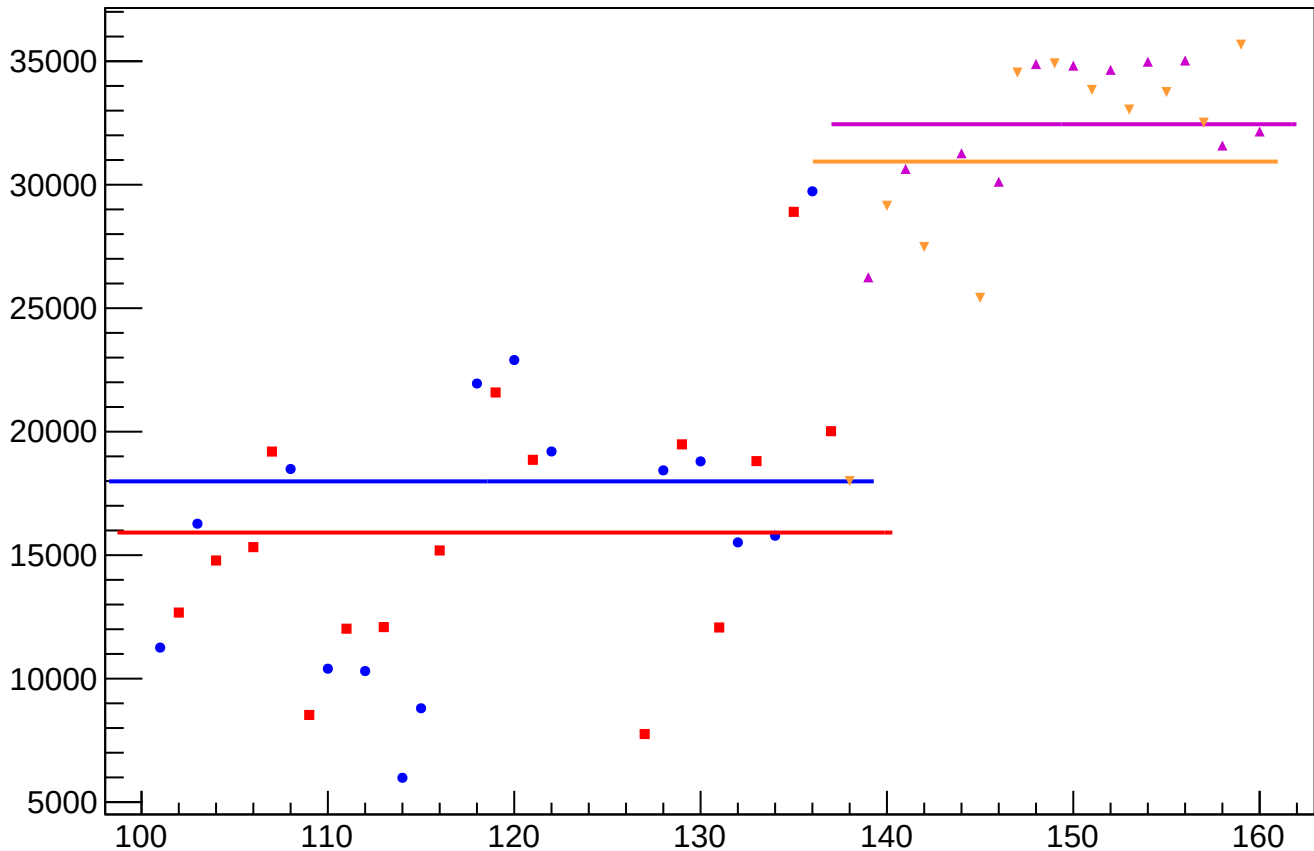
- sign 1.693 $\pm$ 0.000 χ^2 /NDF: 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

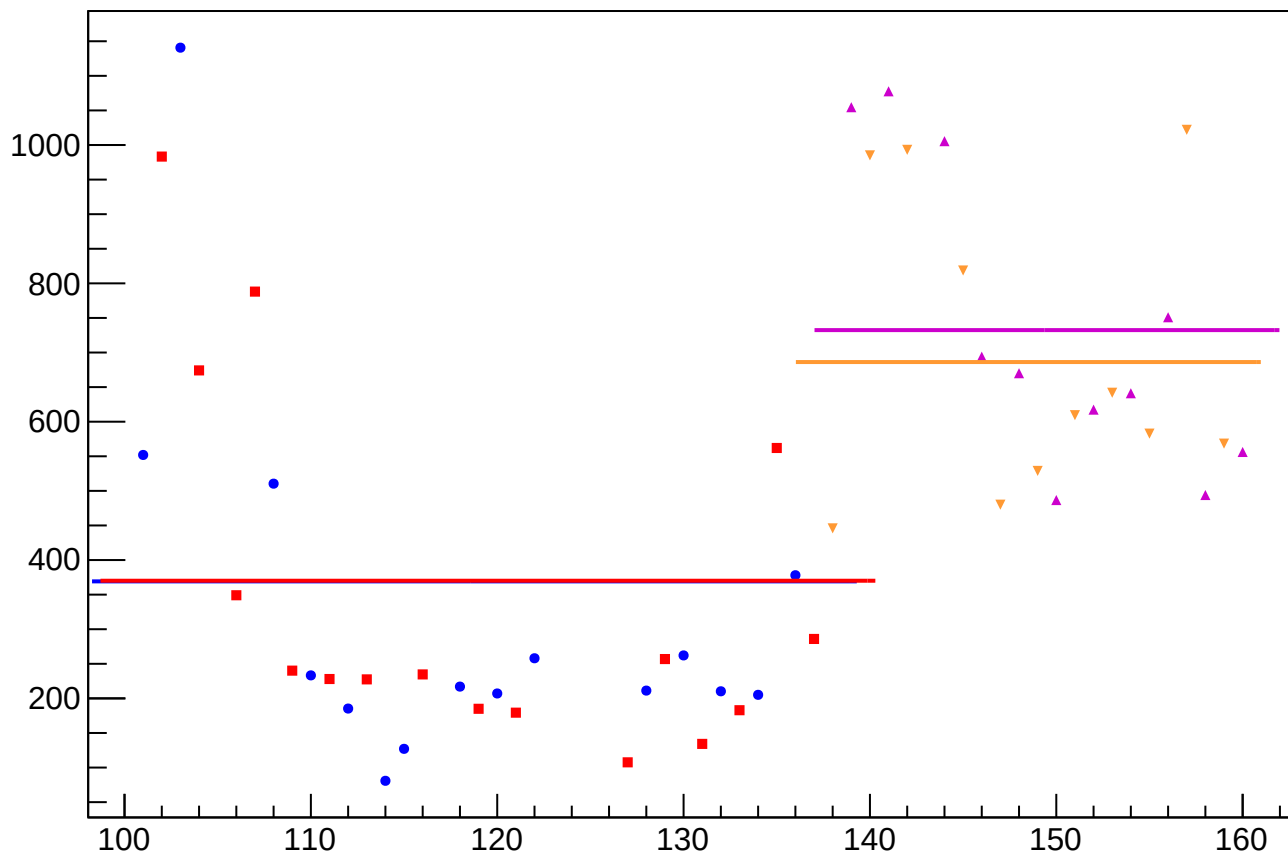
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 548.687+/-0.000 χ^2/NDF : 119411567412423

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

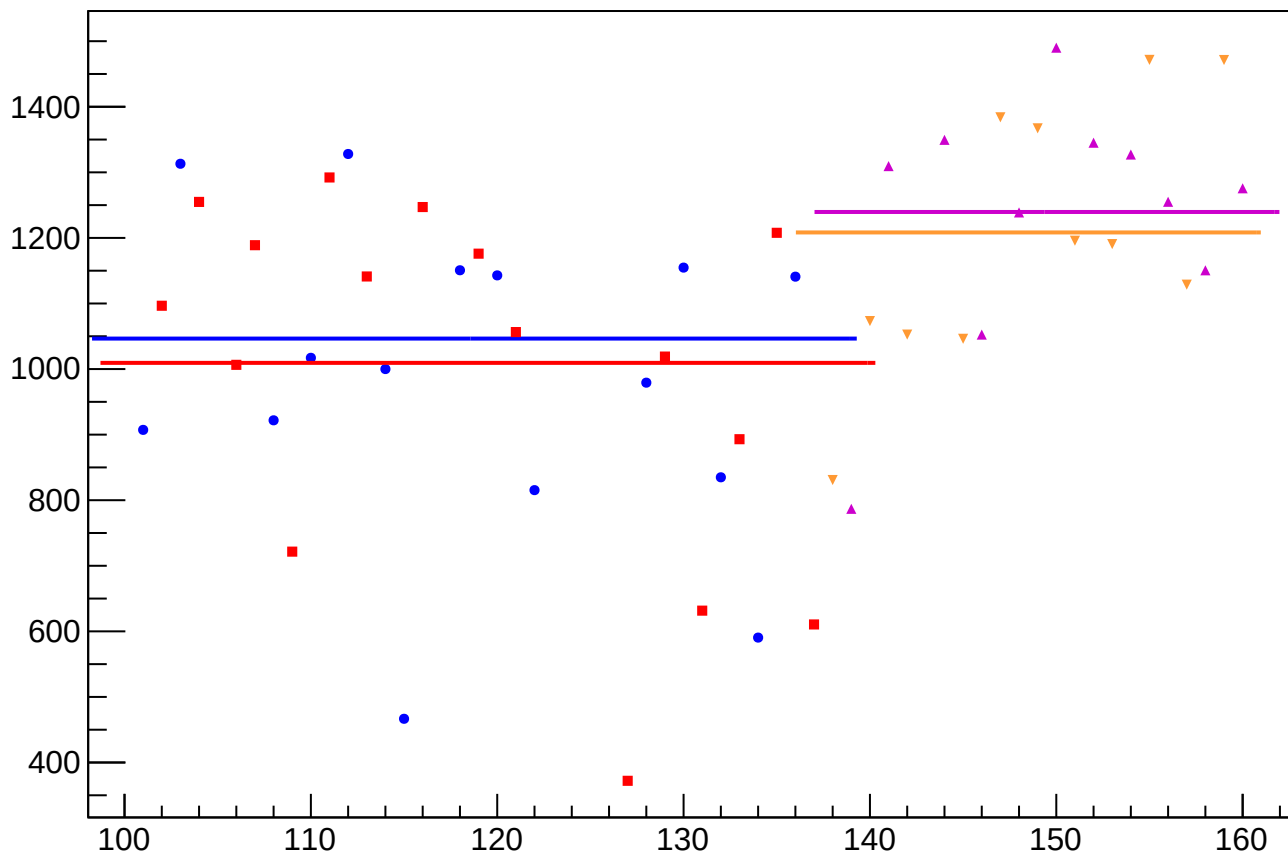
All: 565.091+/-0.000 χ^2/NDF : 259202401082

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

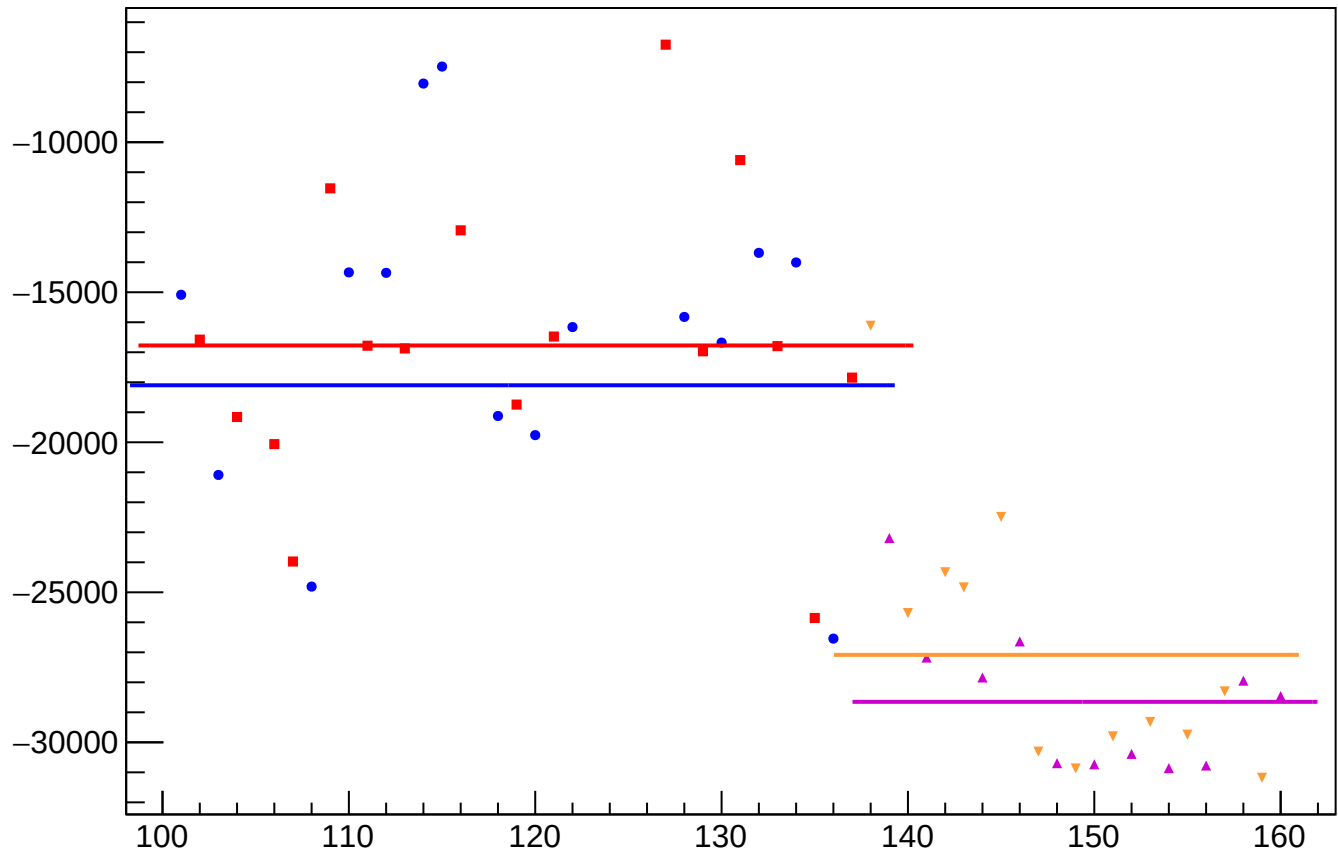
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

+ sign 1138.127+/-0.000 χ^2/NDF : 66412650690815

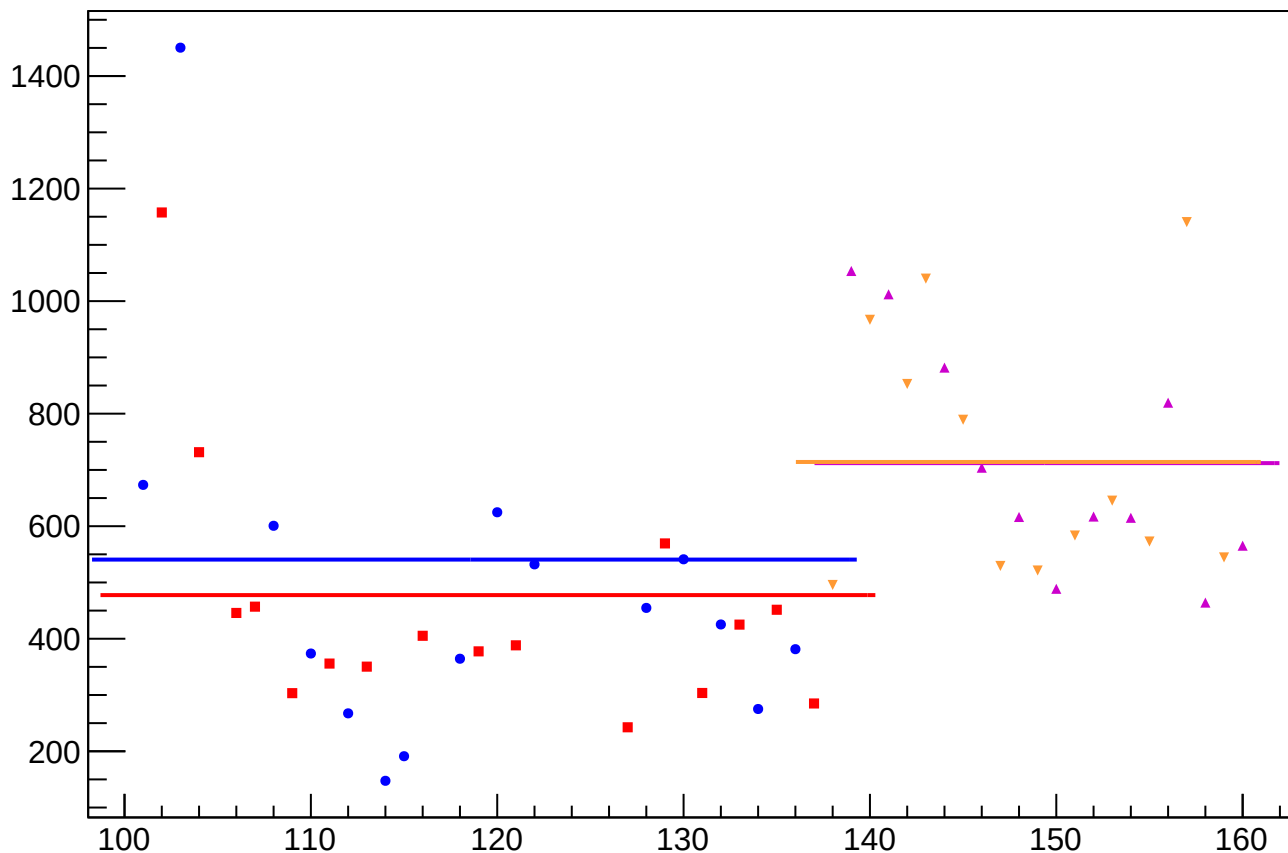
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left Out: -27085.326+/-0.000 χ^2/NDF : 16913671790830002451724713056210492850176.0/11
 All: -23514.355+/-0.000 χ^2/NDF : 135979518
 - sign: -23671.259+/-0.000 χ^2/NDF : 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

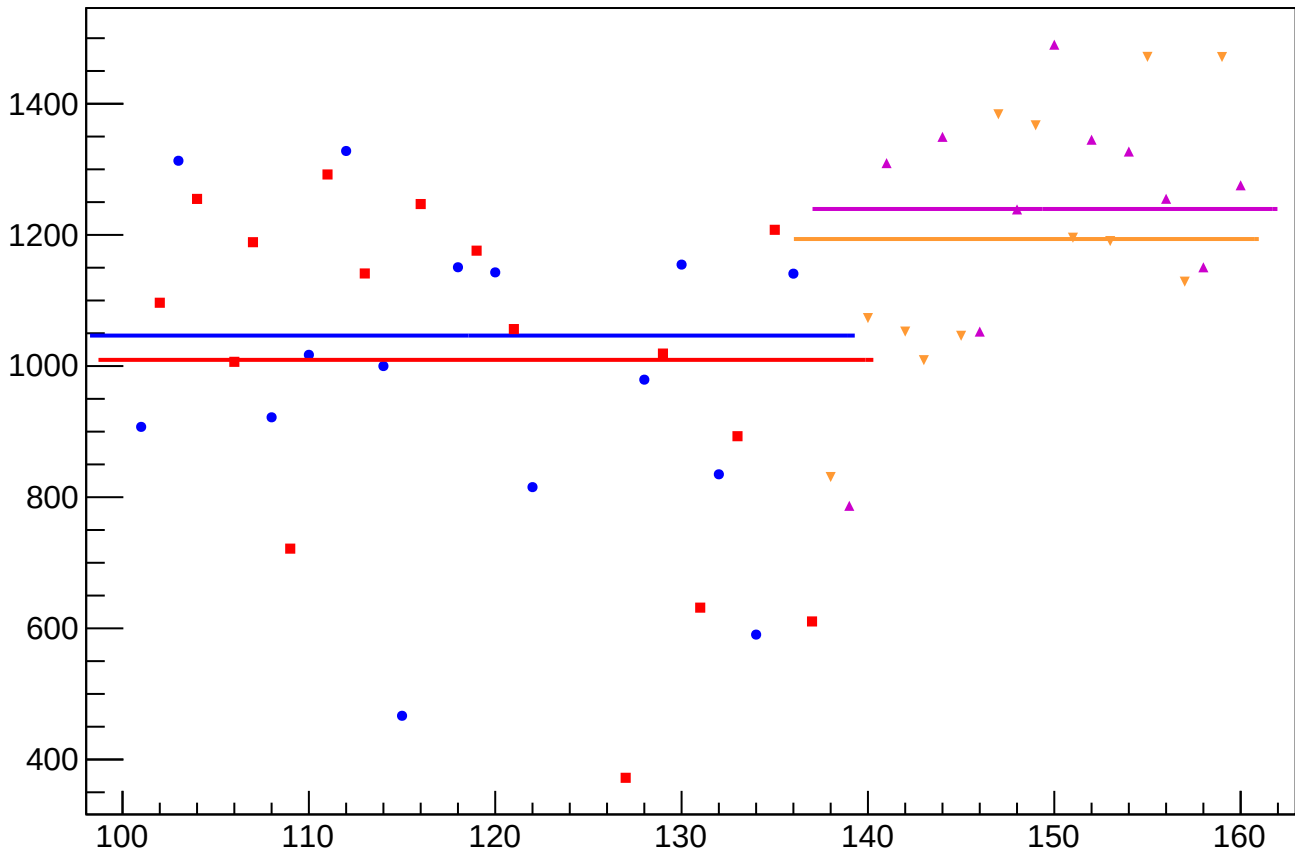
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

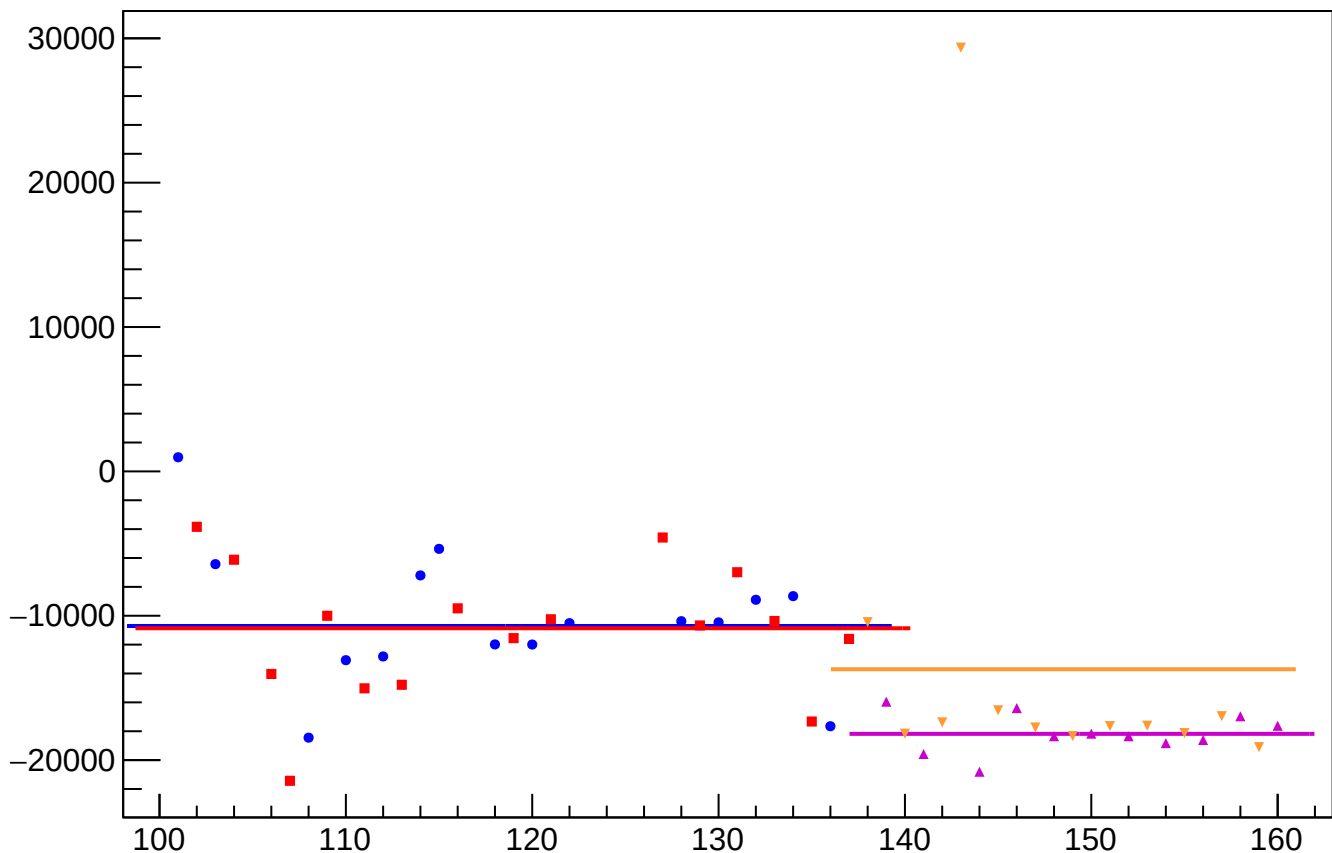
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

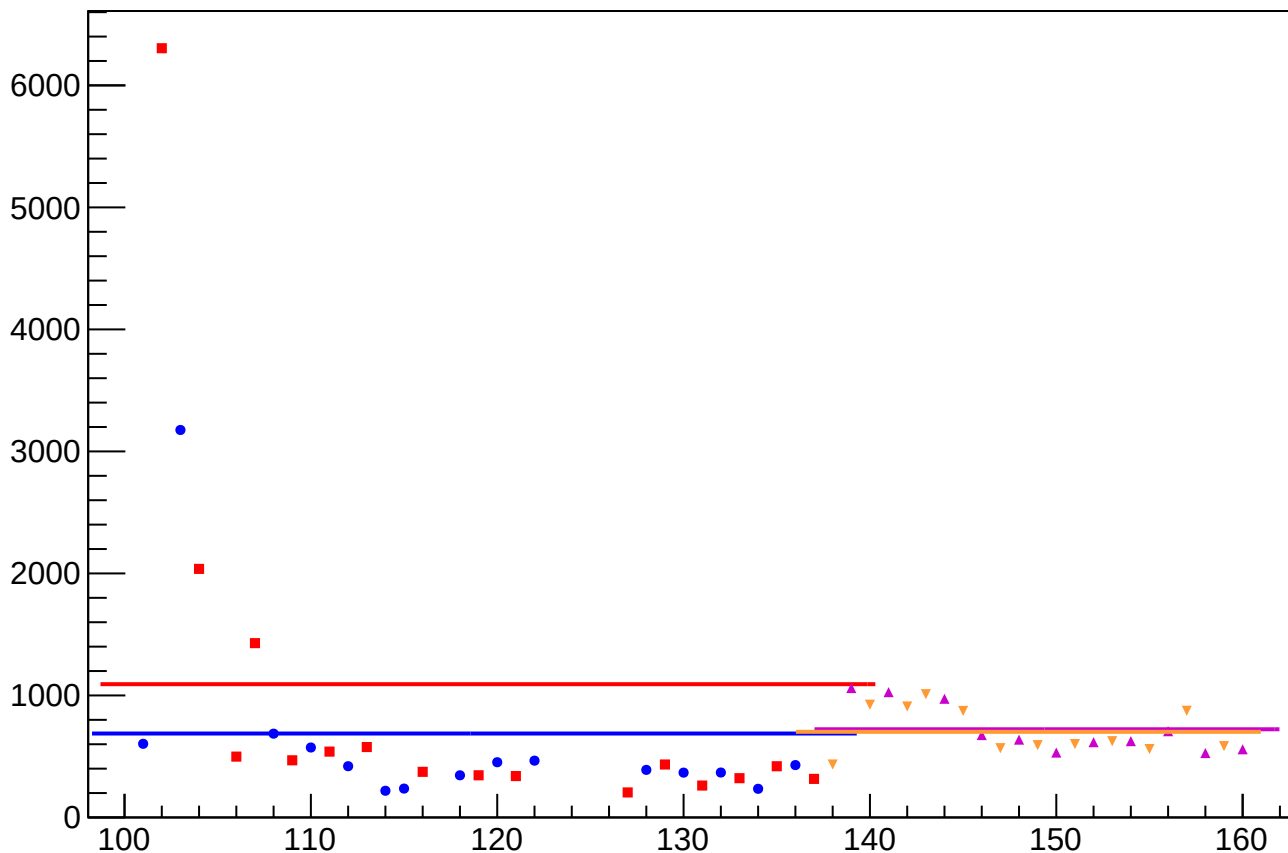
dit_atl1_coil1_mean vs Slug



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -13705.488 ± 0.000 $\chi^2/\text{NDF}: 138226511026527050662319693841079709204480.0/11$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18181.504 ± 0.000 $\chi^2/\text{NDF}: 1643617183572647868818914289162838343680.0/10$

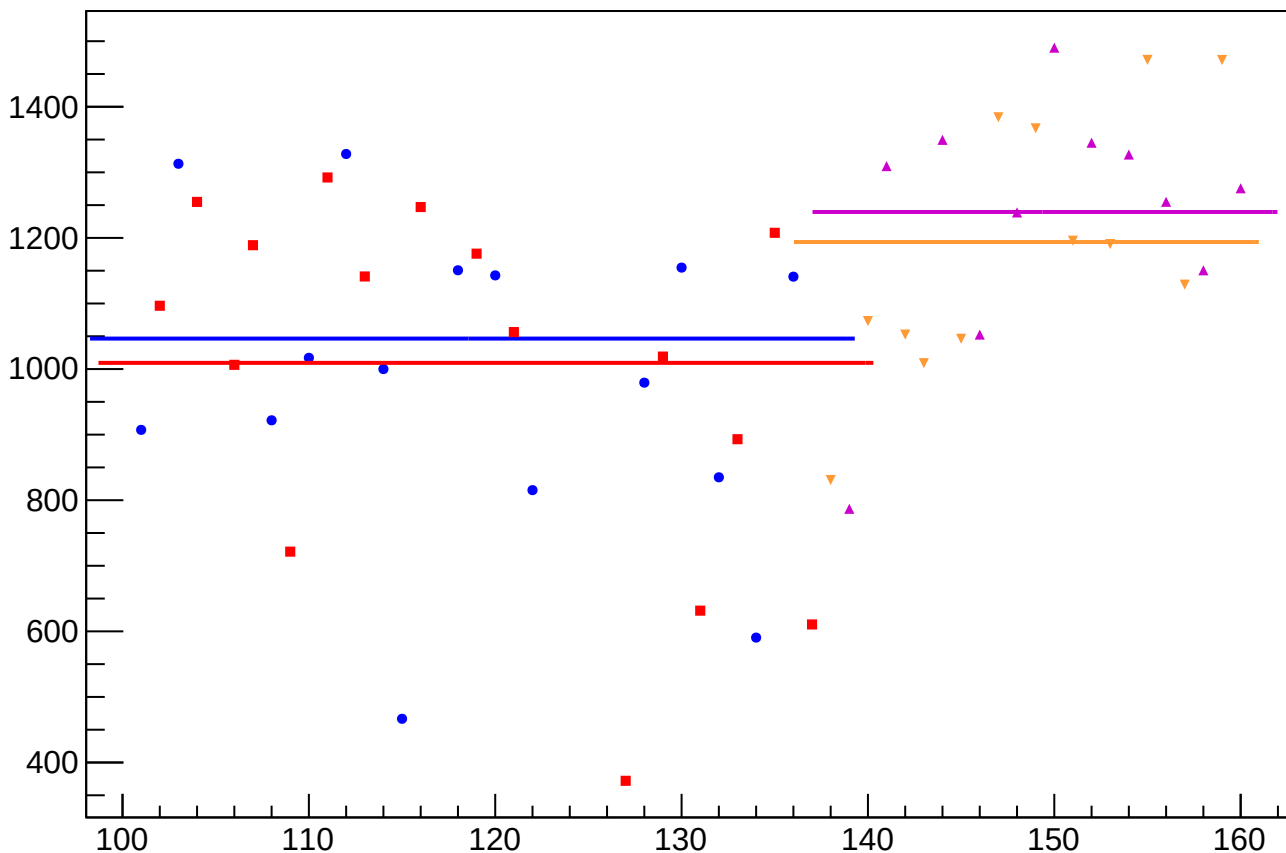
+ sign -12461.801 ± 0.000 $\chi^2/\text{NDF}: 158576463536$
 All: -13800.033 ± 0.000 $\chi^2/\text{NDF}: 200733129$
 - sign -15114.713 ± 0.000 $\chi^2/\text{NDF}: 3660768844081$

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

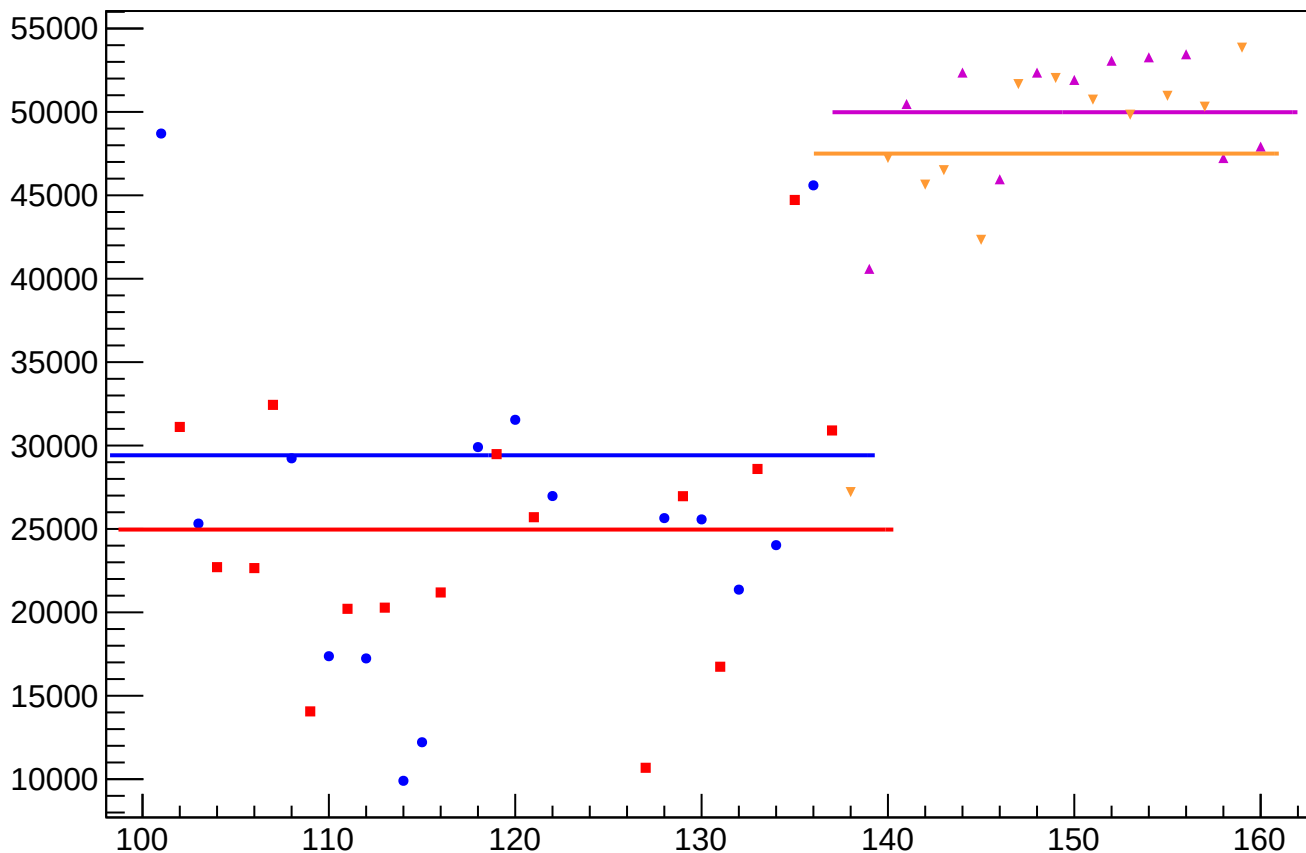
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910.0/40

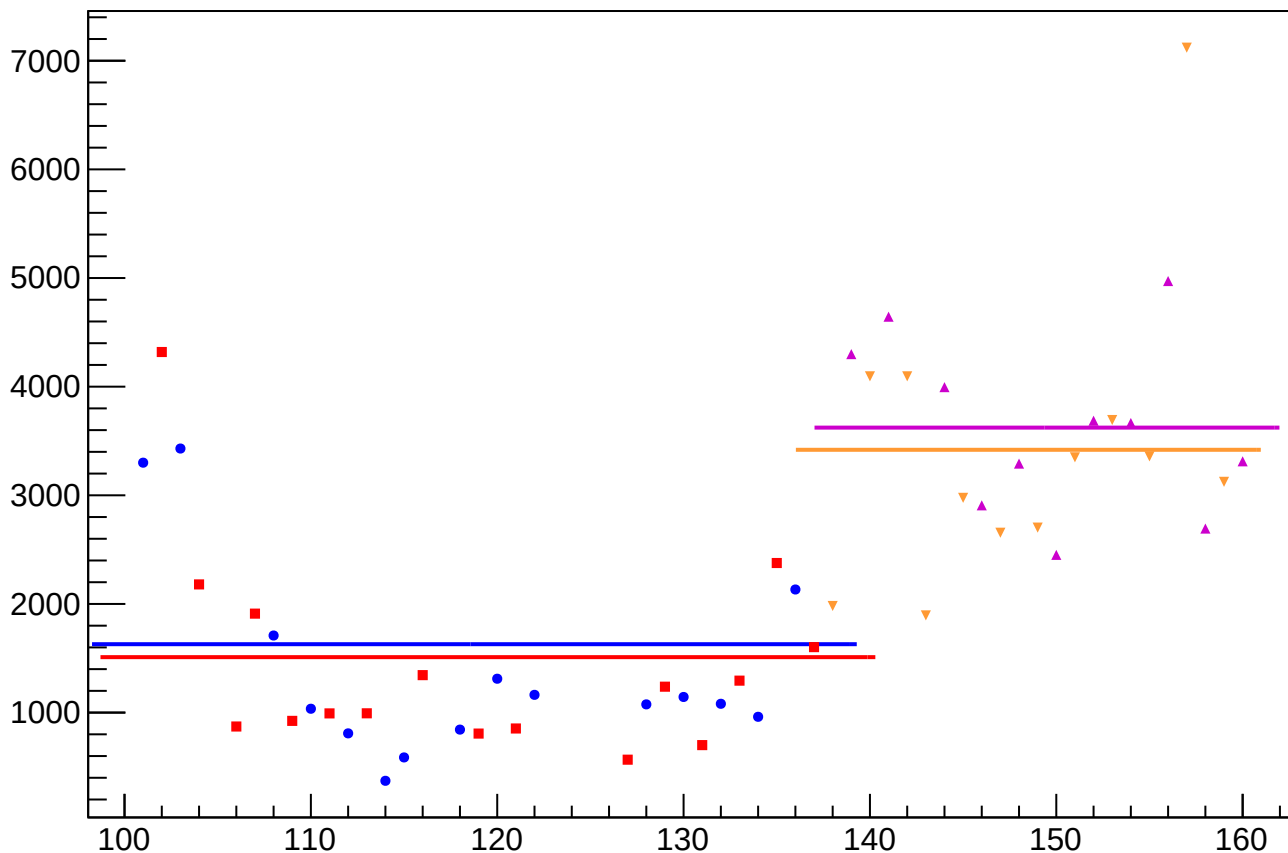
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

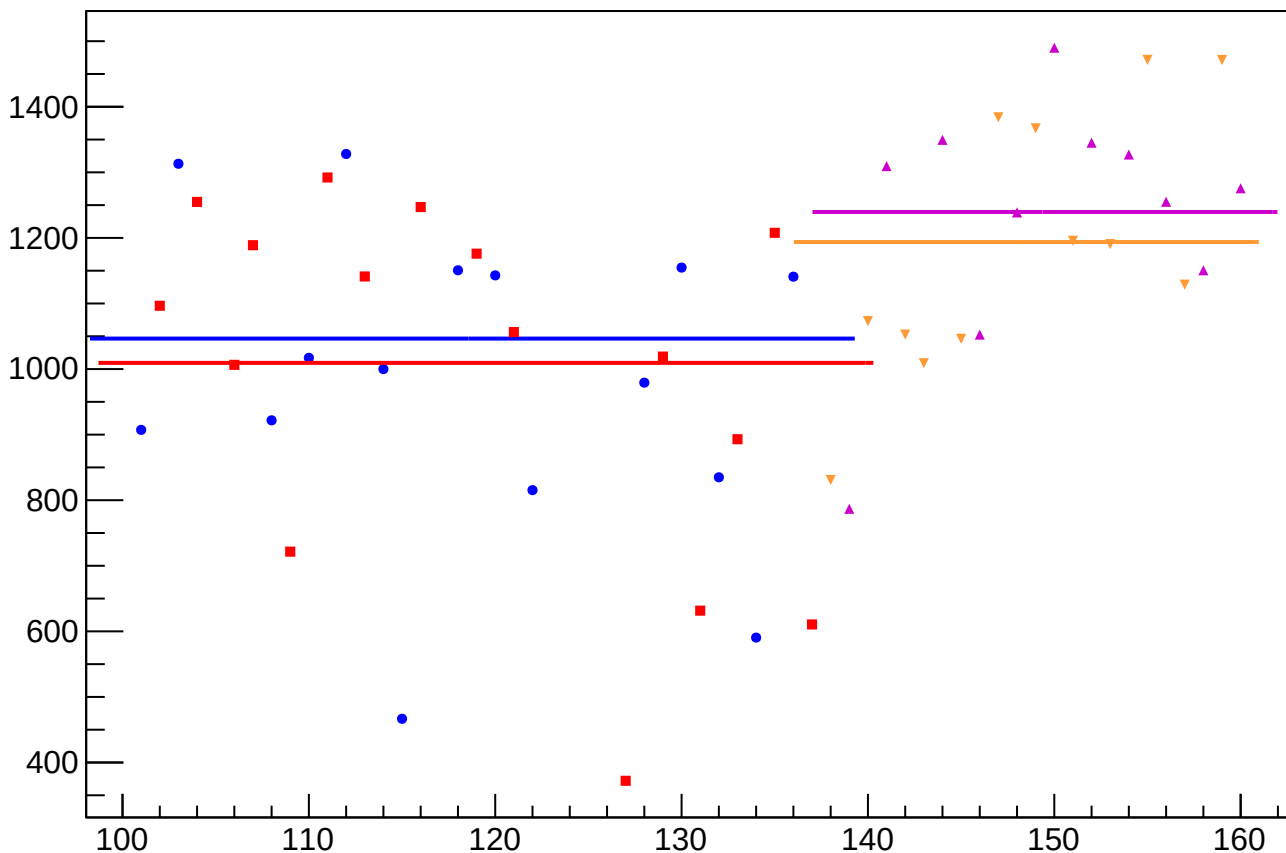
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2675.926+/-0.000	χ^2/NDF : 33424300848042
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11	All: 2706.904+/-0.000	χ^2/NDF : 63005491565
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

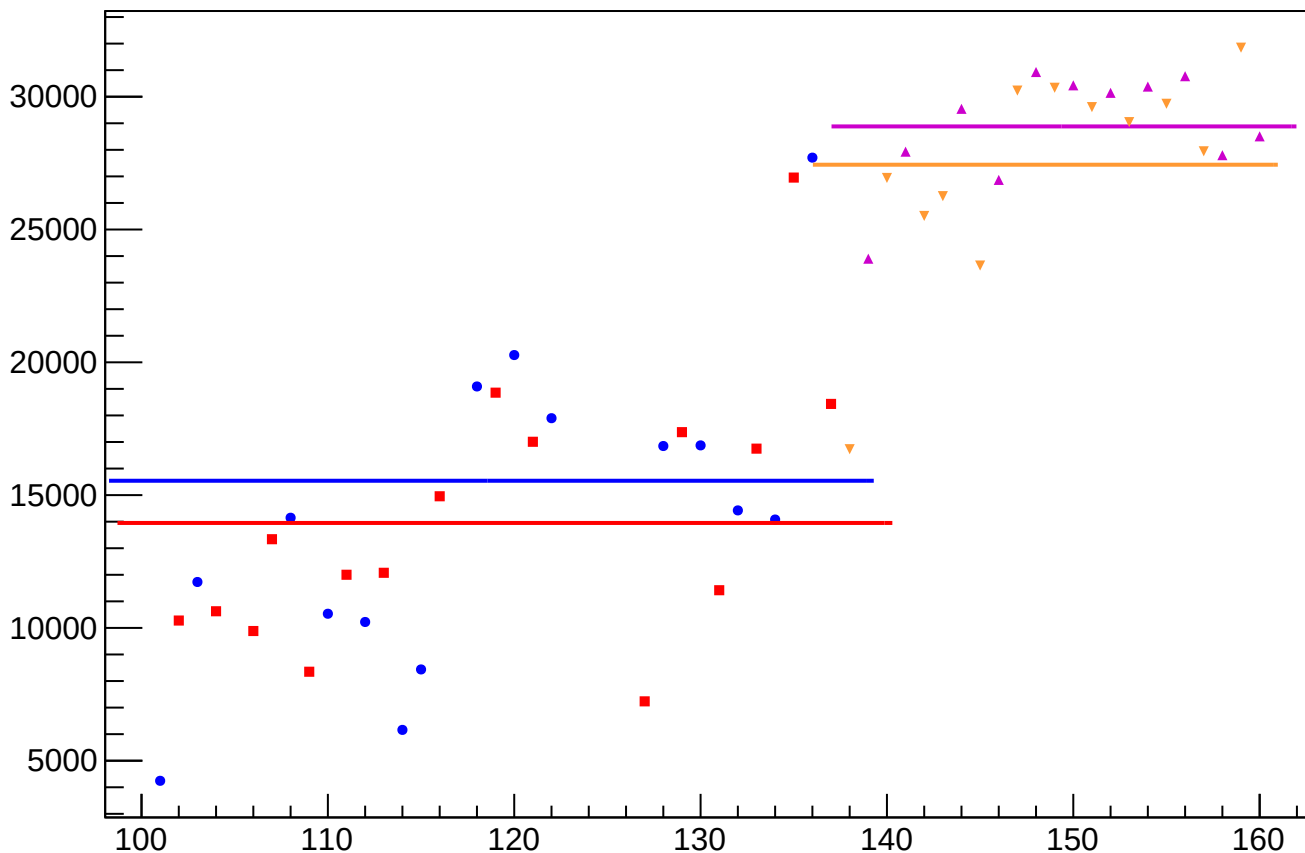
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

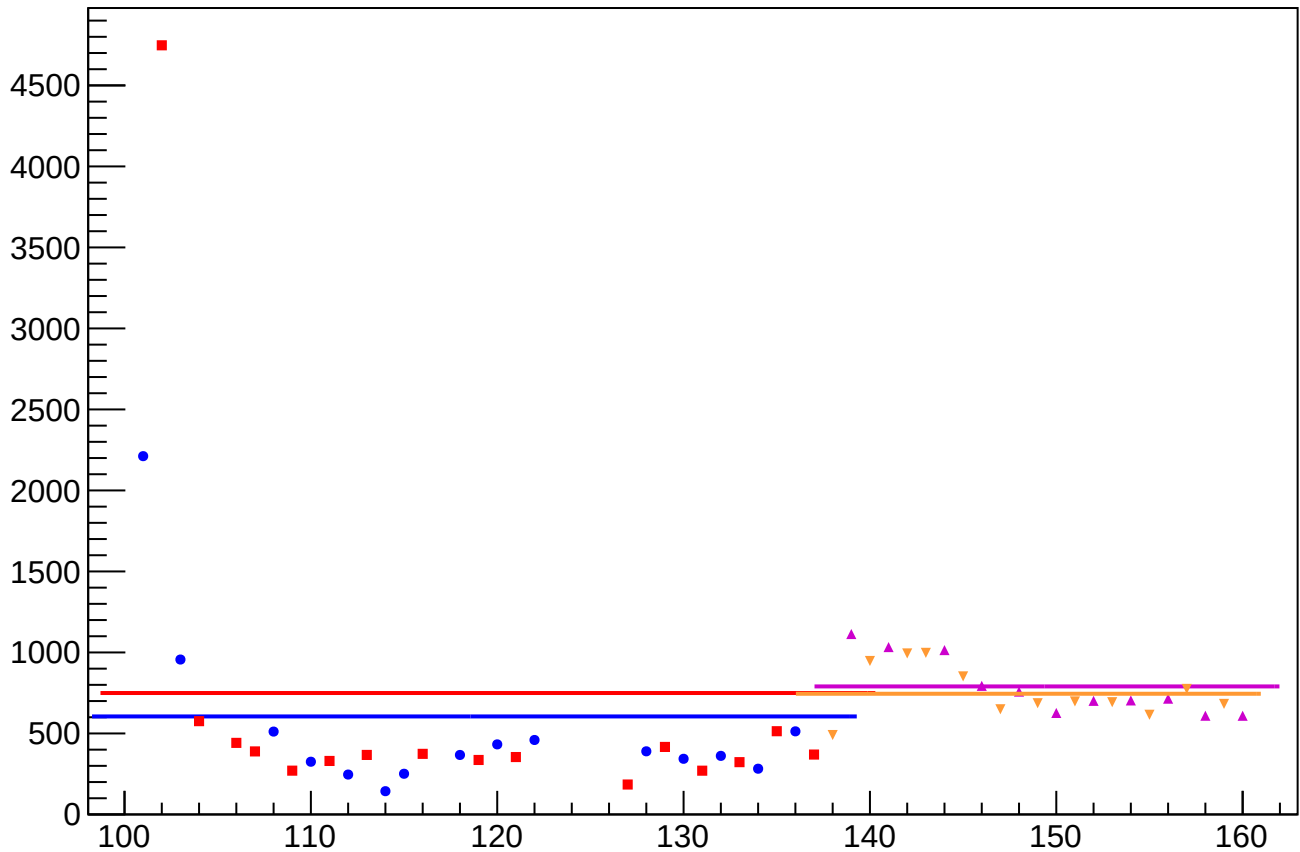
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27439.616+/-0.000	χ^2/NDF : 14247025908871725813351088668818926469120.0/11
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28881.771+/-0.000	χ^2/NDF : 3761764043421234560623243625754374701056.0/10

+ sign 22498.900+/-0.000 χ^2/NDF : 9536357865964
 All: 22561.315+/-0.000 χ^2/NDF : 2024381611
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 744.985+/-0.000 χ^2/NDF : 19571453984278961719936247870544412672.0/11

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

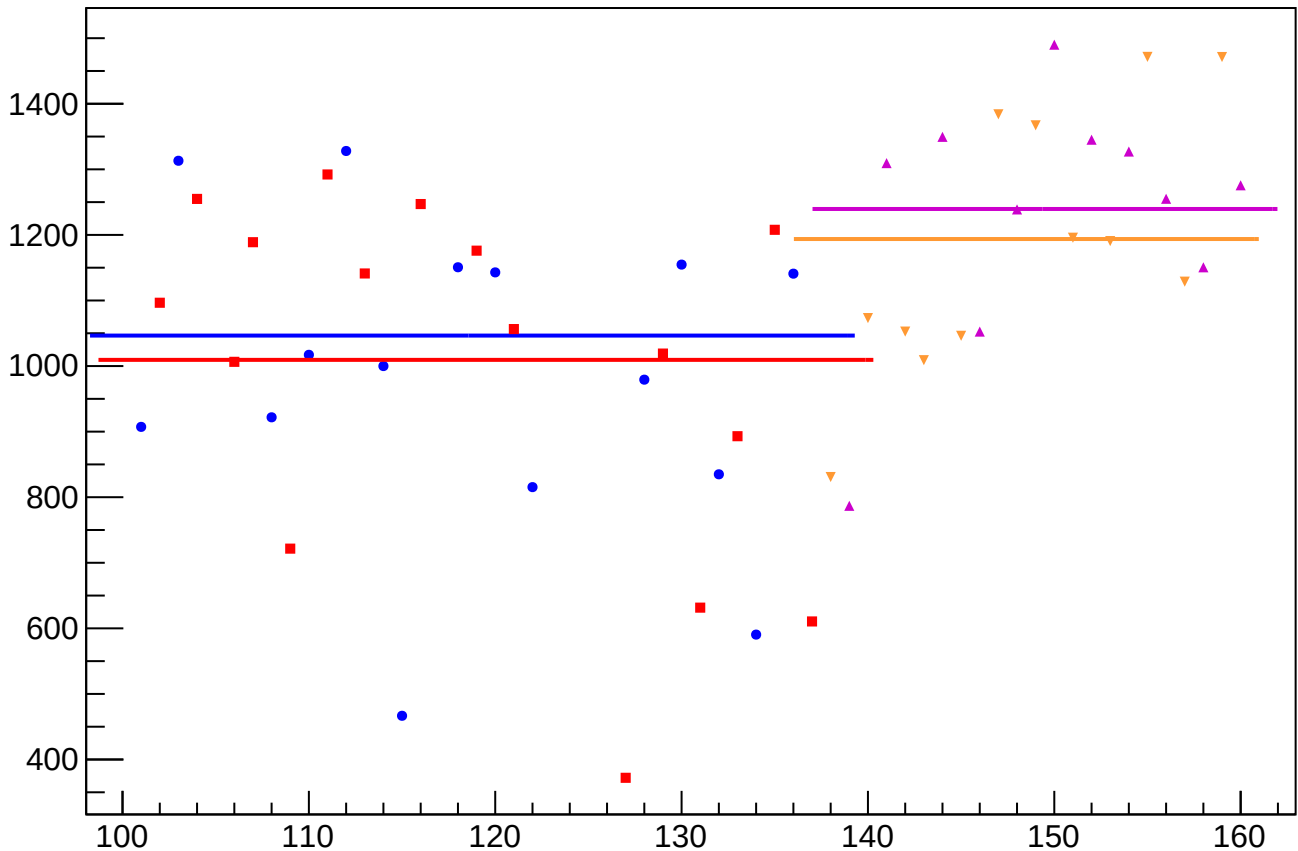
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

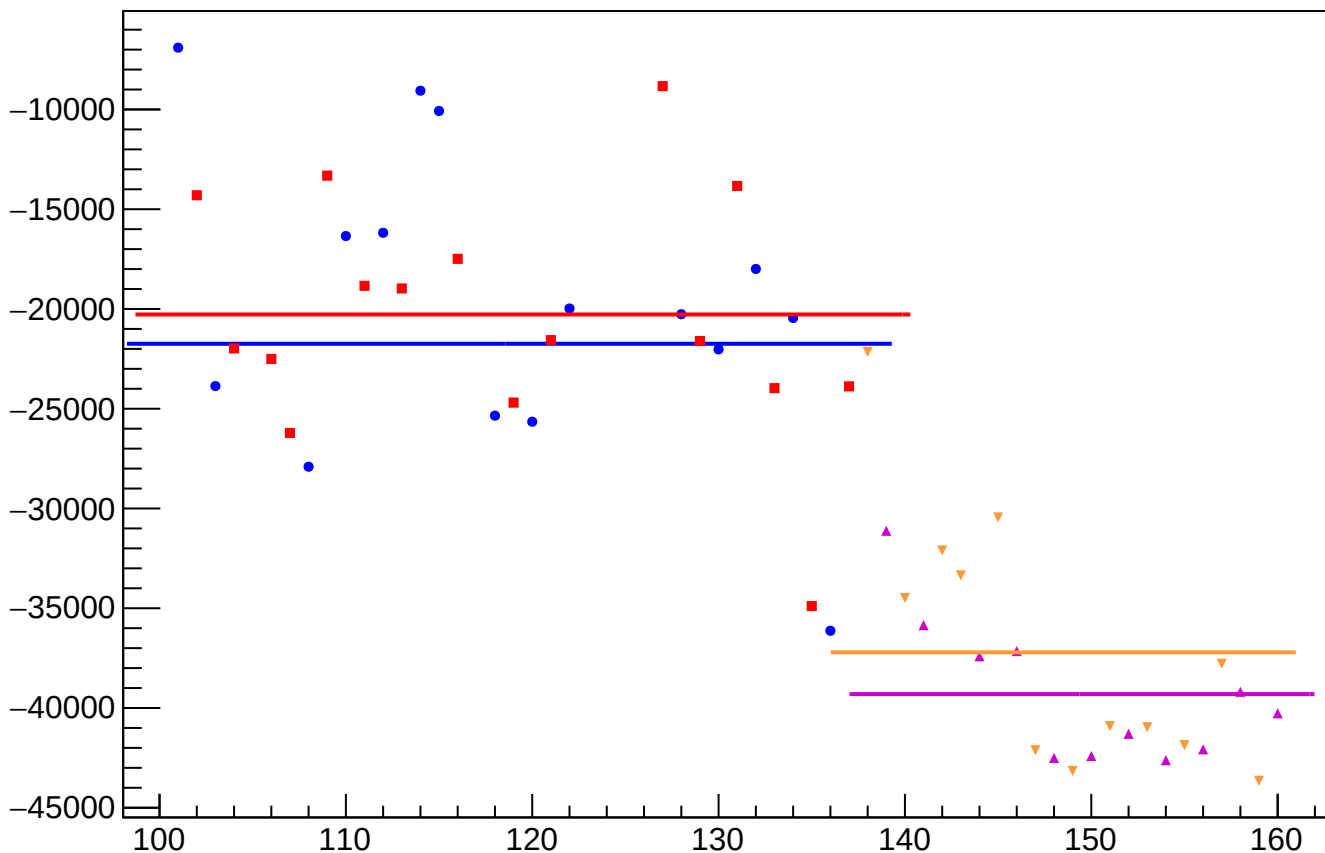
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



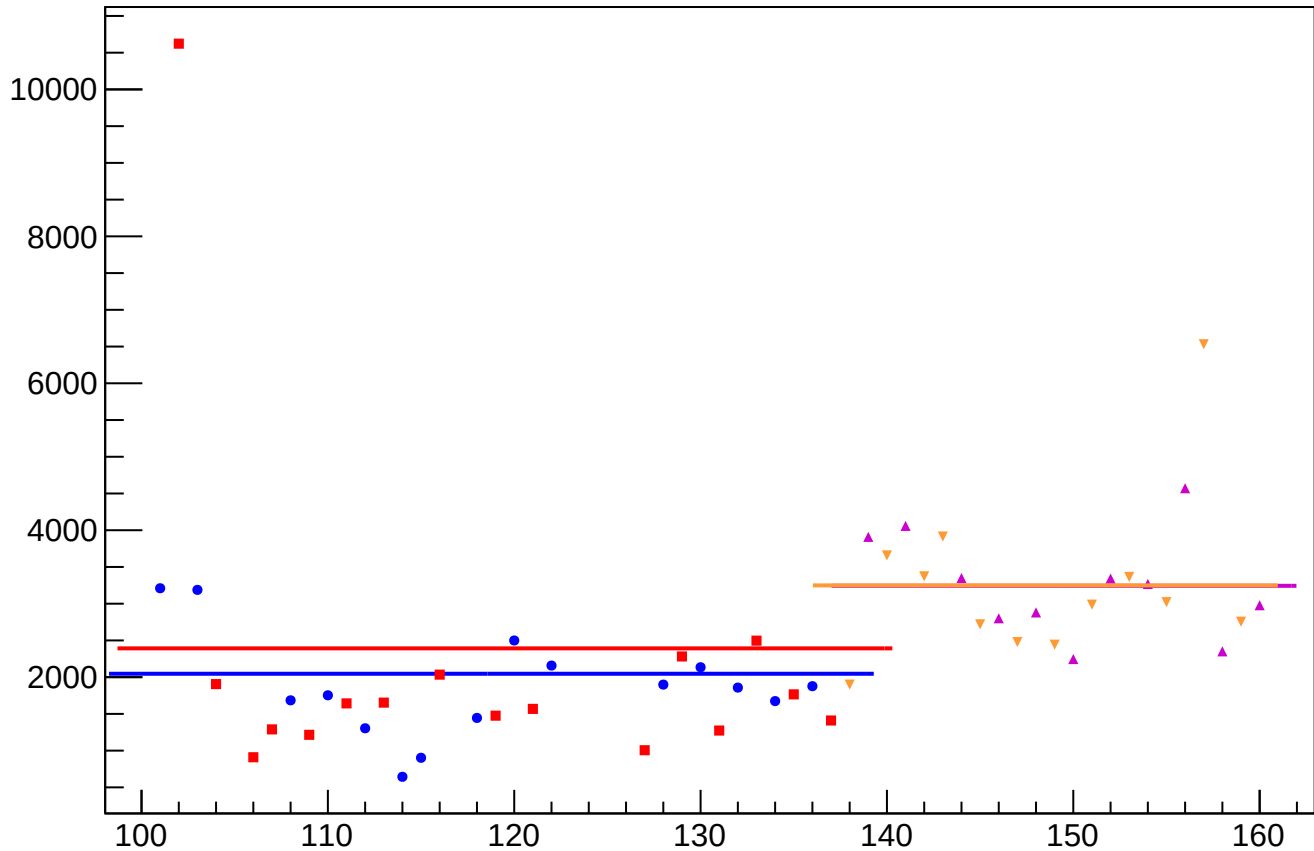
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



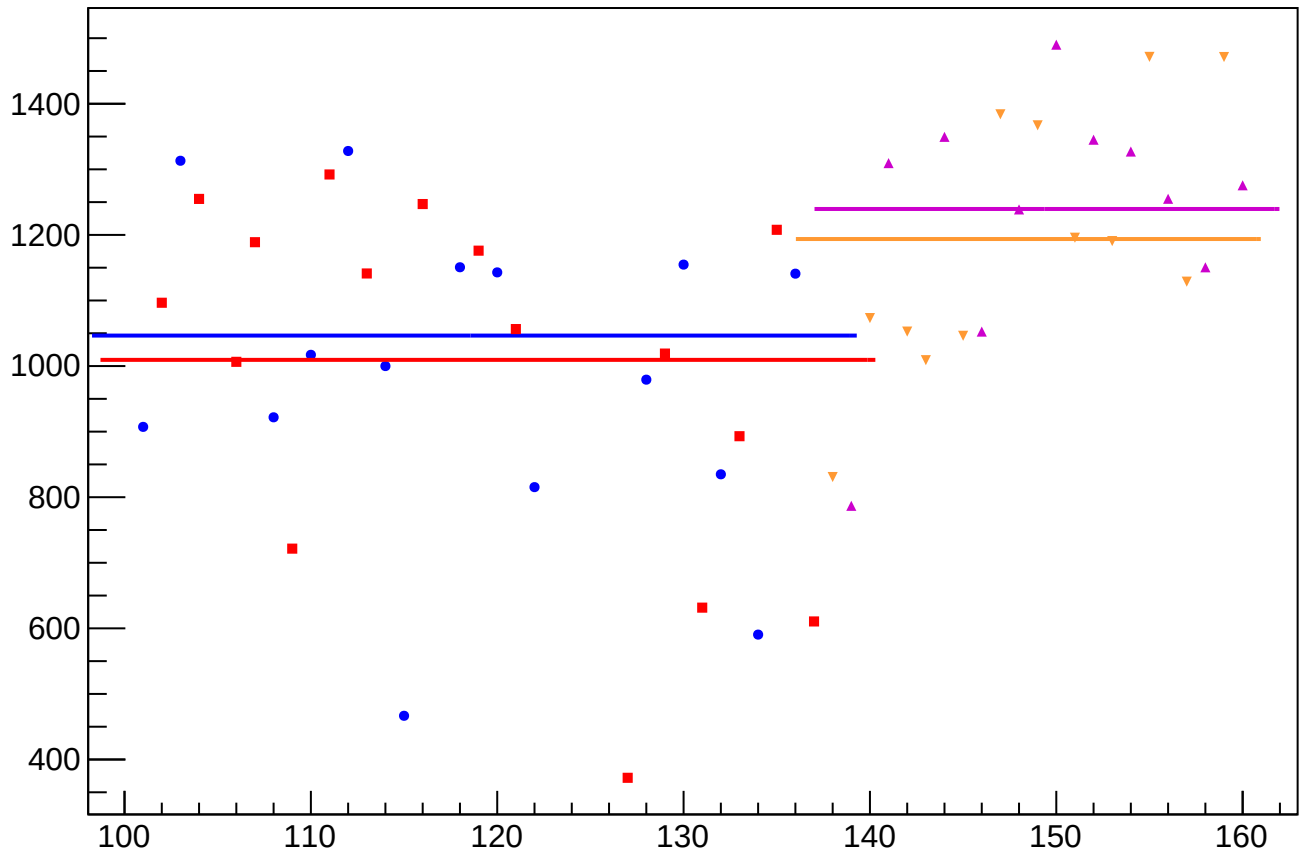
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



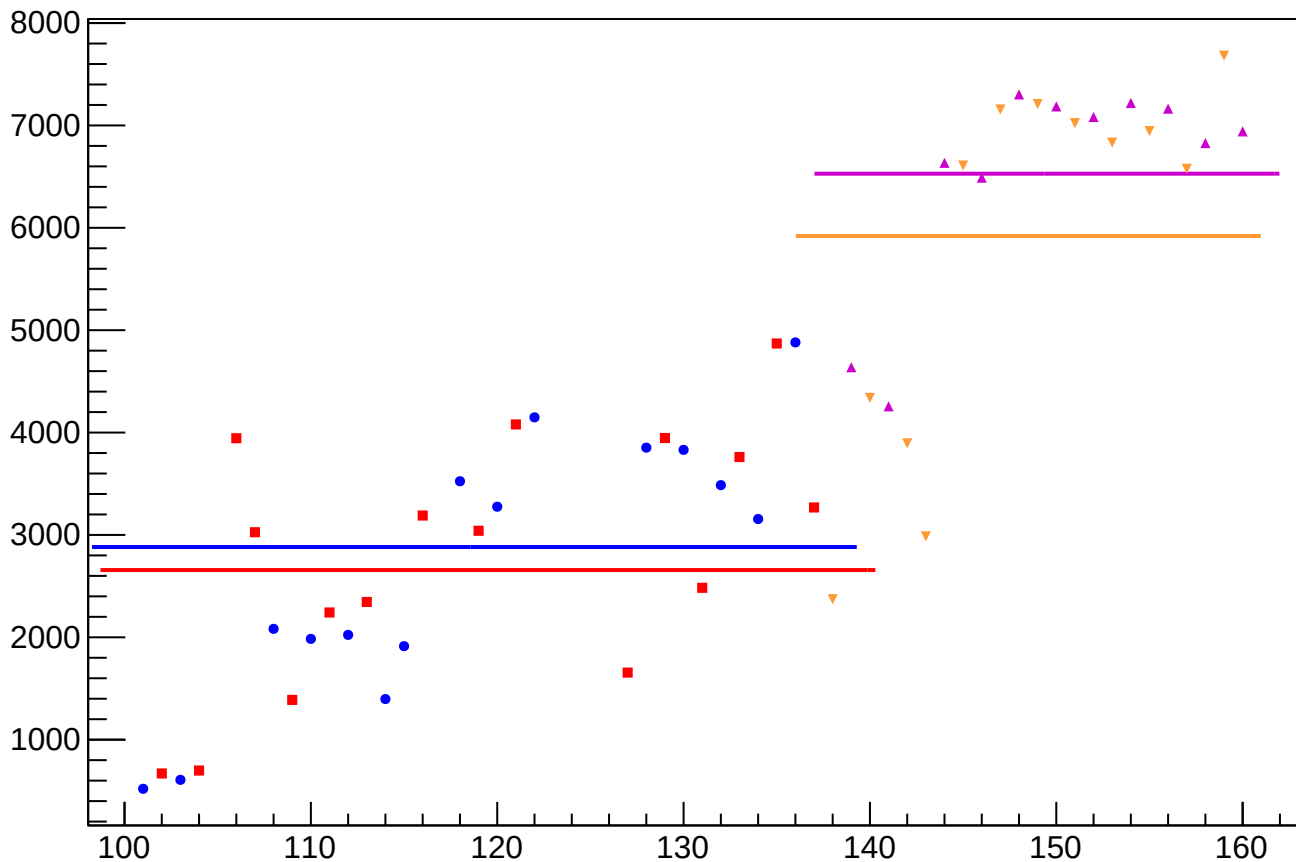
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



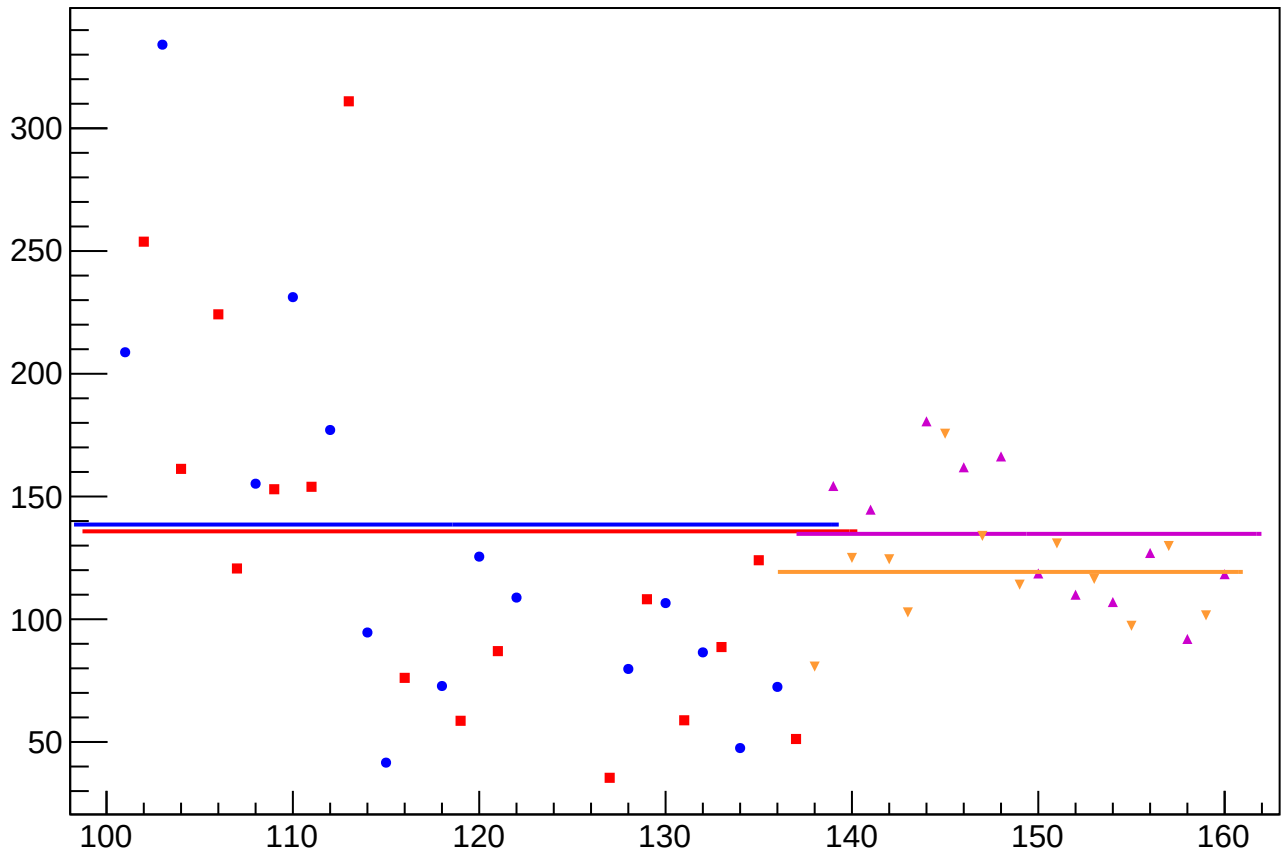
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



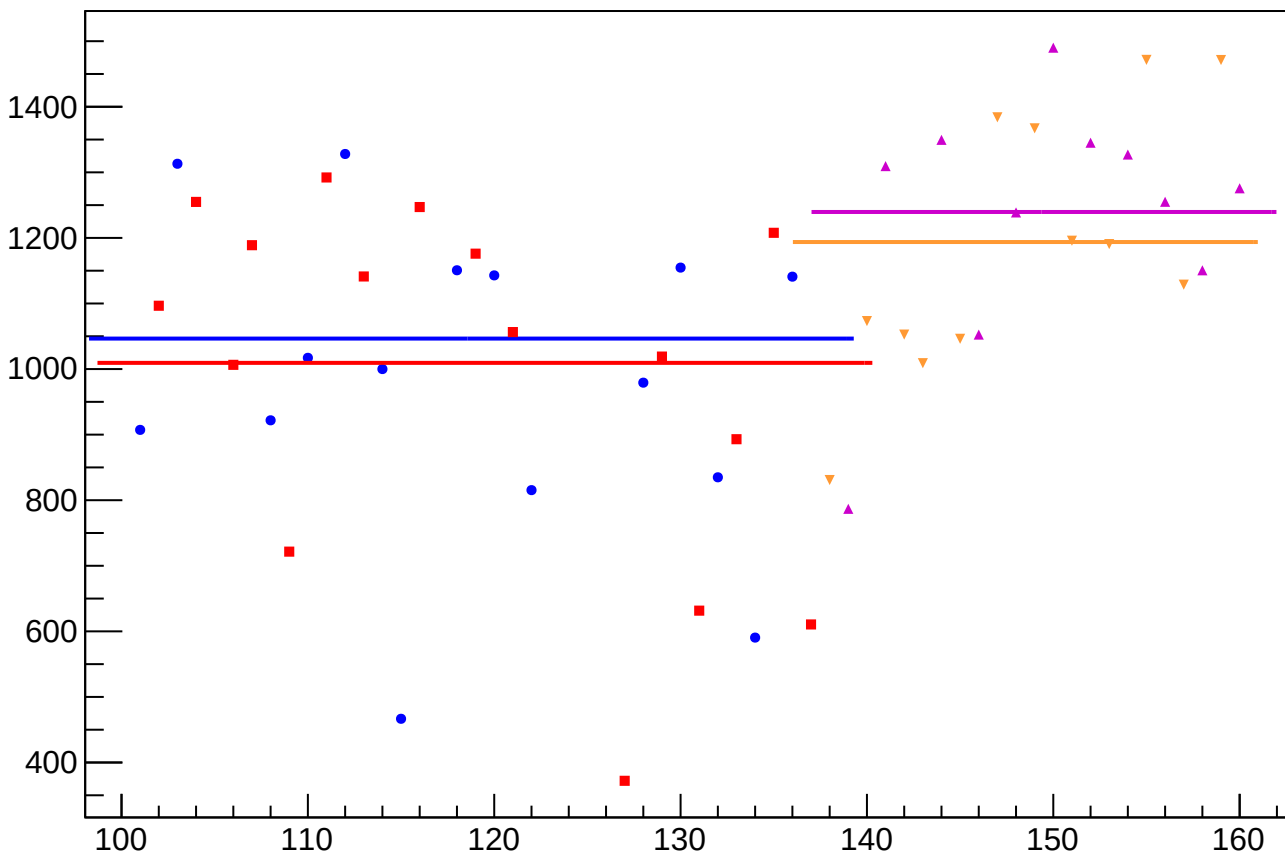
Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14	+ sign 4658.227+/-0.000	χ^2/NDF : 76011498429136
Left Out: 5919.511+/-0.000	χ^2/NDF : 2779072700024845827027981240176985767936.0/11	All: 4782.966+/-0.000	χ^2/NDF : 1547458955
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15	- sign 4905.510+/-0.000	χ^2/NDF : 78252276547187
Left In: 6528.681+/-0.000	χ^2/NDF : 940619832290547661204641528694924378112.0/10		

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 127.294+/-0.000	χ^2/NDF : 487151185585046
Left Out: 119.282+/-0.000	χ^2/NDF : 487845779395217879153815293985292288.0/11	All: 131.289+/-0.000	χ^2/NDF : 956758975873
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- sign 135.214+/-0.000	χ^2/NDF : 464661599123883
Left In: 134.785+/-0.000	χ^2/NDF : 689808602632315539029860685392642048.0/10		

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

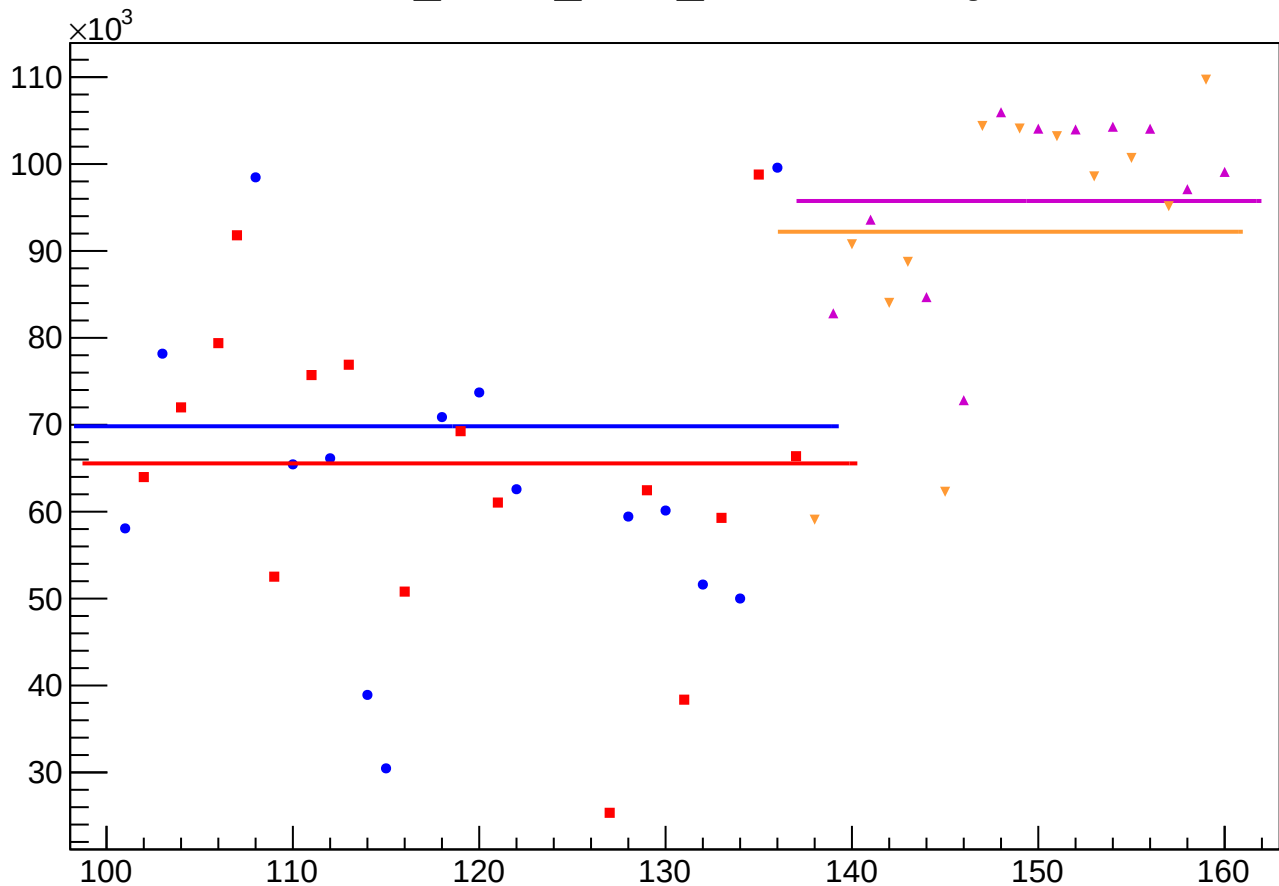
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

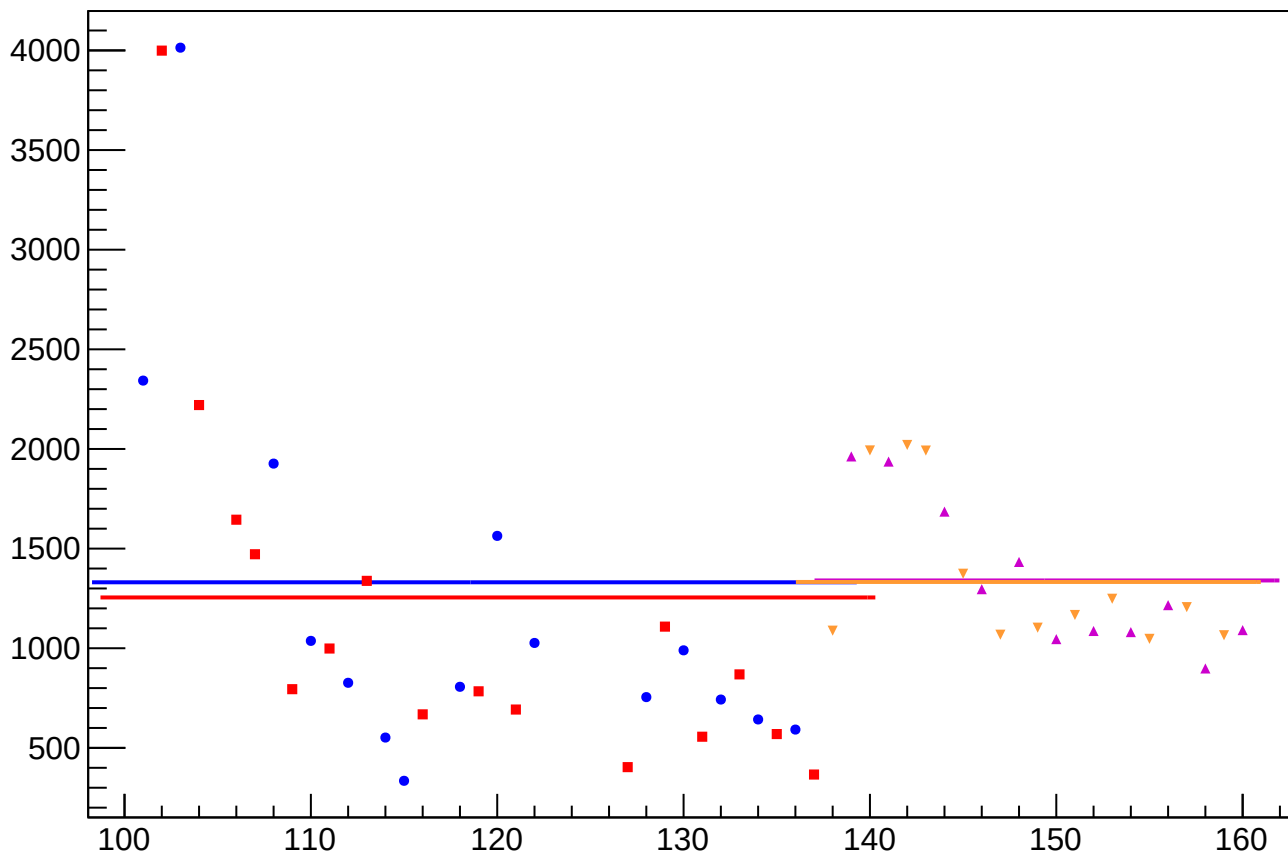
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698 $\pm$ 0.000	χ^2 /NDF: 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 95749.411 $\pm$ 0.000	χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

+ sign 82916.711 $\pm$ 0.000 χ^2 /NDF: 6045168976255
 All: 83004.616 $\pm$ 0.000 χ^2 /NDF: 1272083143
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1332.669+/-0.000 χ^2/NDF : 117488793251165999850417206895273050112.0/11

Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

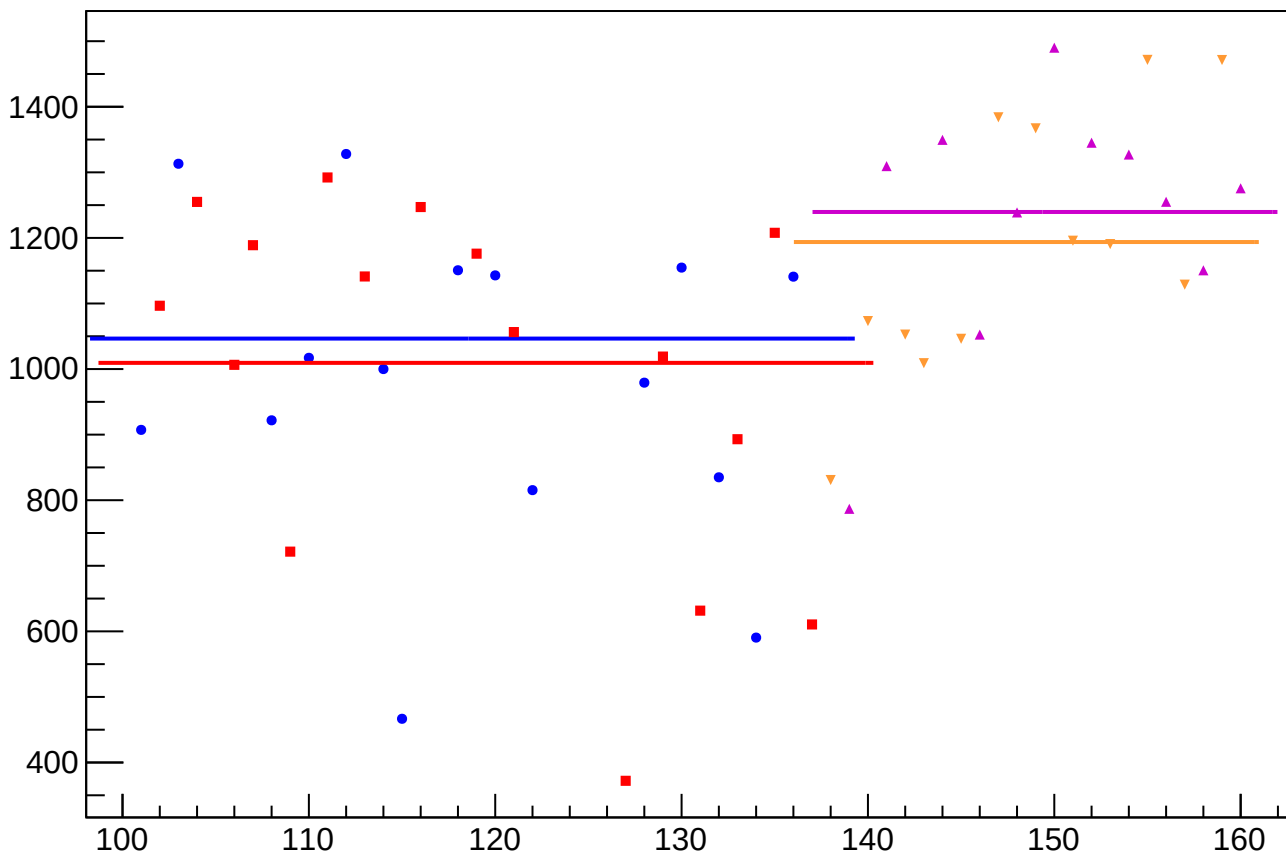
Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1331.958+/-0.000 χ^2/NDF : 76697117094463

All: 1318.066+/-0.000 χ^2/NDF : 15167335846

- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

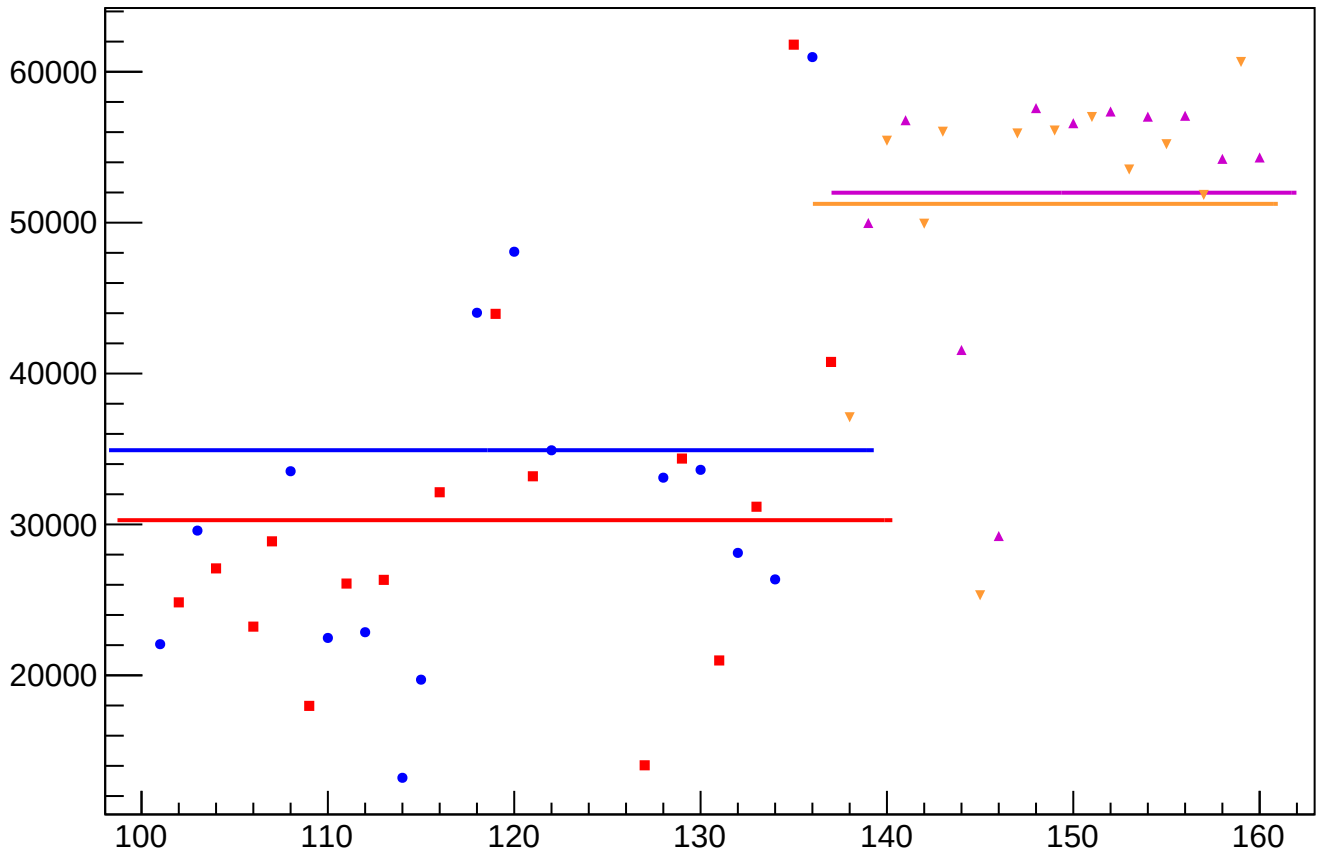
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

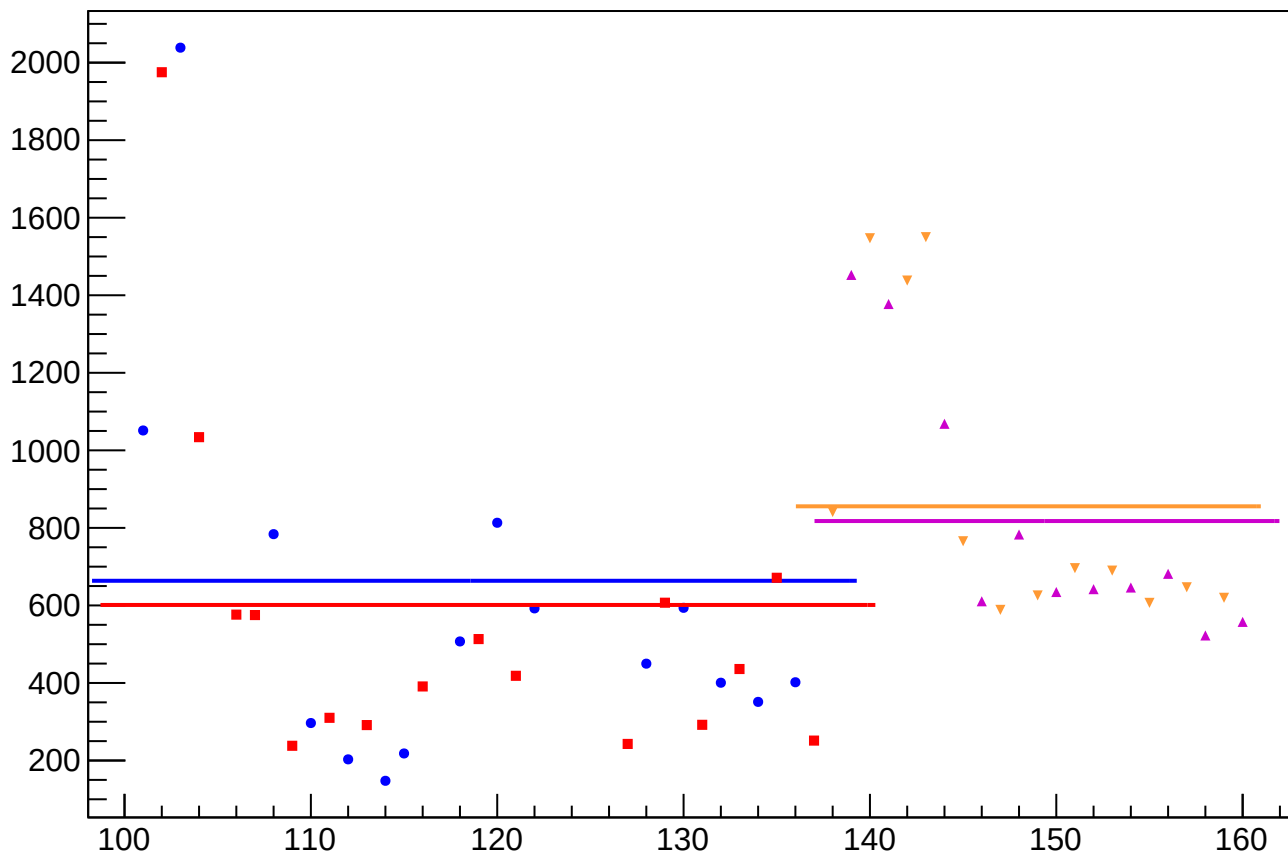
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 51246.568+/-0.000	χ^2/NDF : 86168540614102445062046954668602534395904.0/11
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 51985.374+/-0.000	χ^2/NDF : 67172587579518863379504132116294676774912.0/10

+ sign 44467.216+/-0.000 χ^2/NDF : 2937224586407
 All: 43669.971+/-0.000 χ^2/NDF : 6336704207
 - sign 42886.756+/-0.000 χ^2/NDF : 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 855.627+/-0.000 χ^2/NDF : 114895226746628689144721696446463606784.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

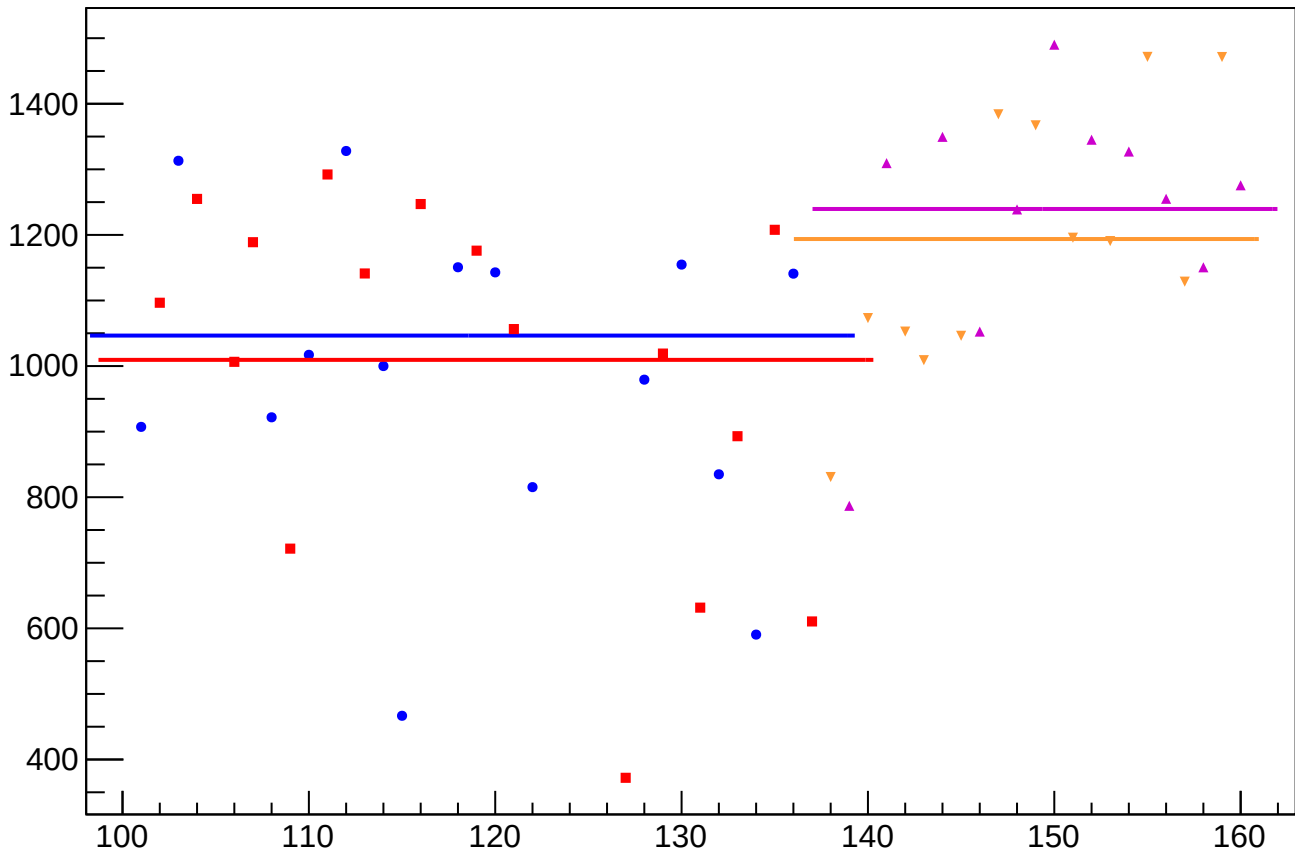
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

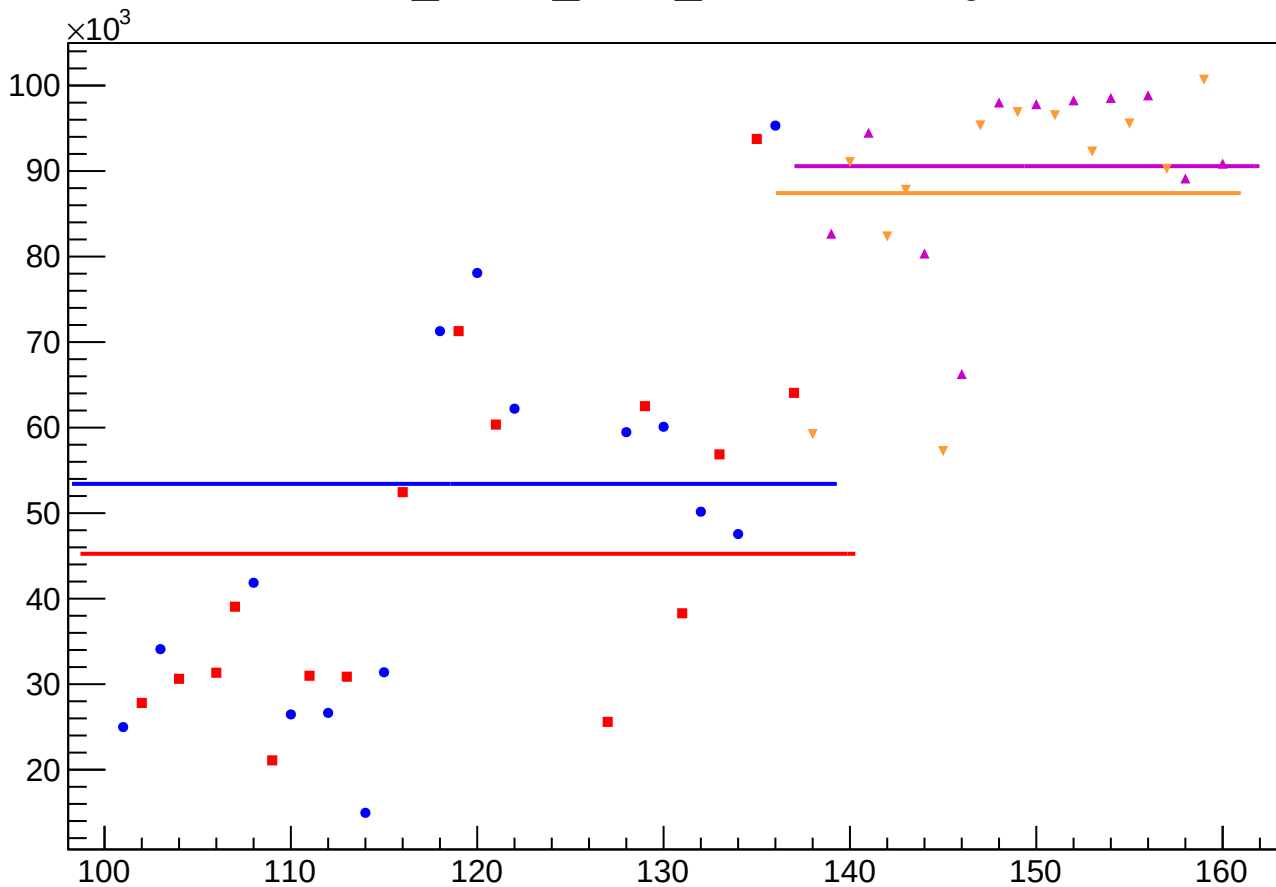
- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



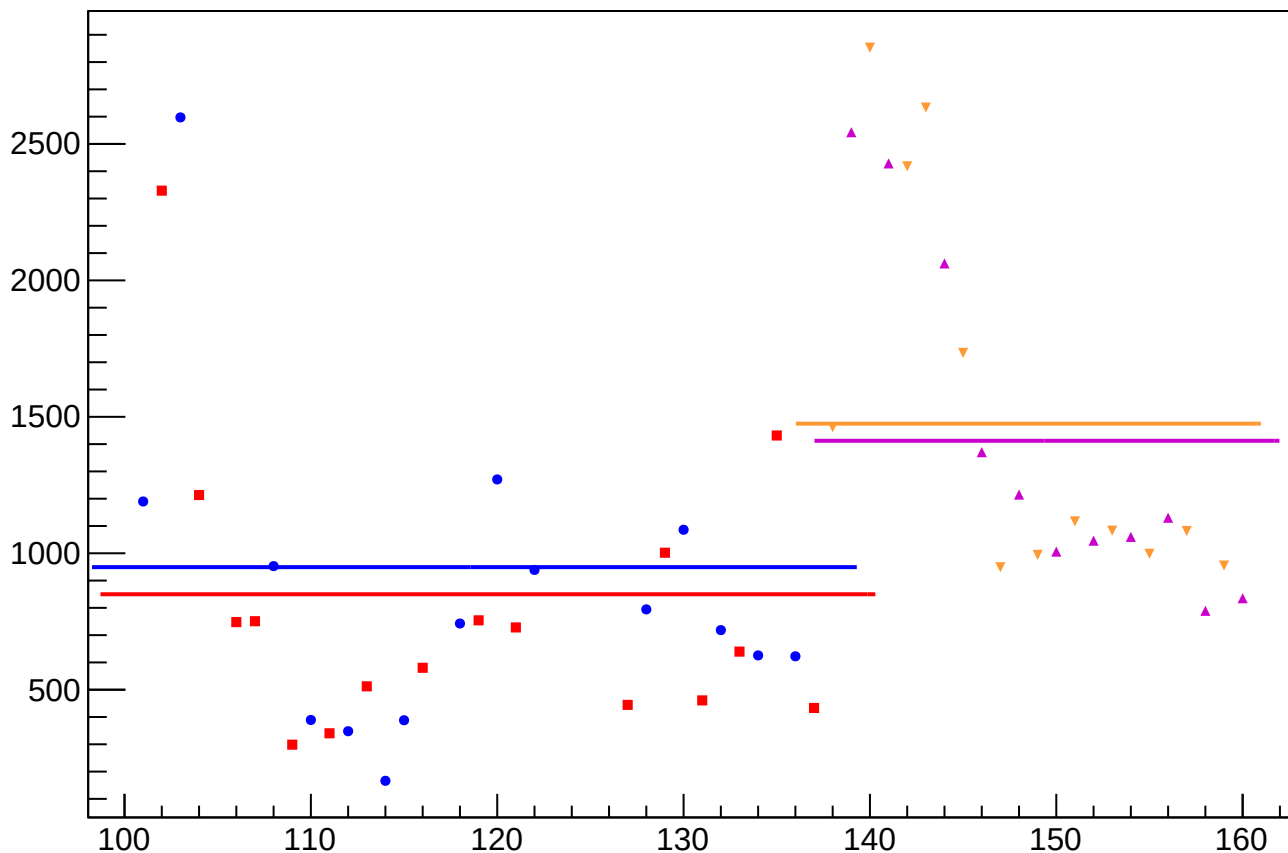
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam4_coil1_mean vs Slug



Right In: 53422.452 ± 0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 87421.965 ± 0.000 χ^2/NDF : 176009447933973172298765808269588074332160.0/11
 Right Out: 45247.617 ± 0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760 ± 0.000 χ^2/NDF : 90574081394354221593949262312406685581312.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1474.996+/-0.000 χ^2/NDF : 407776279141254062636078508853738602496.0/11

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

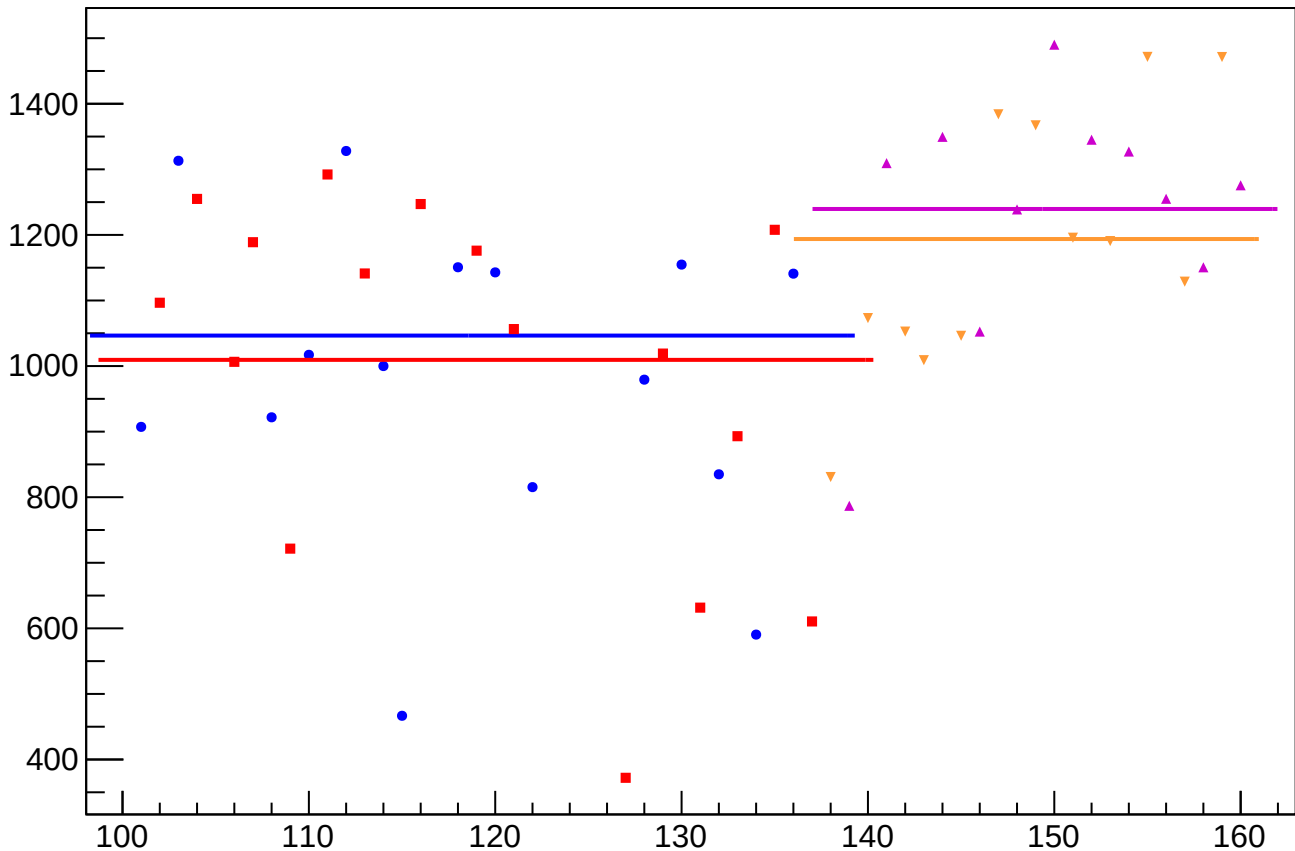
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

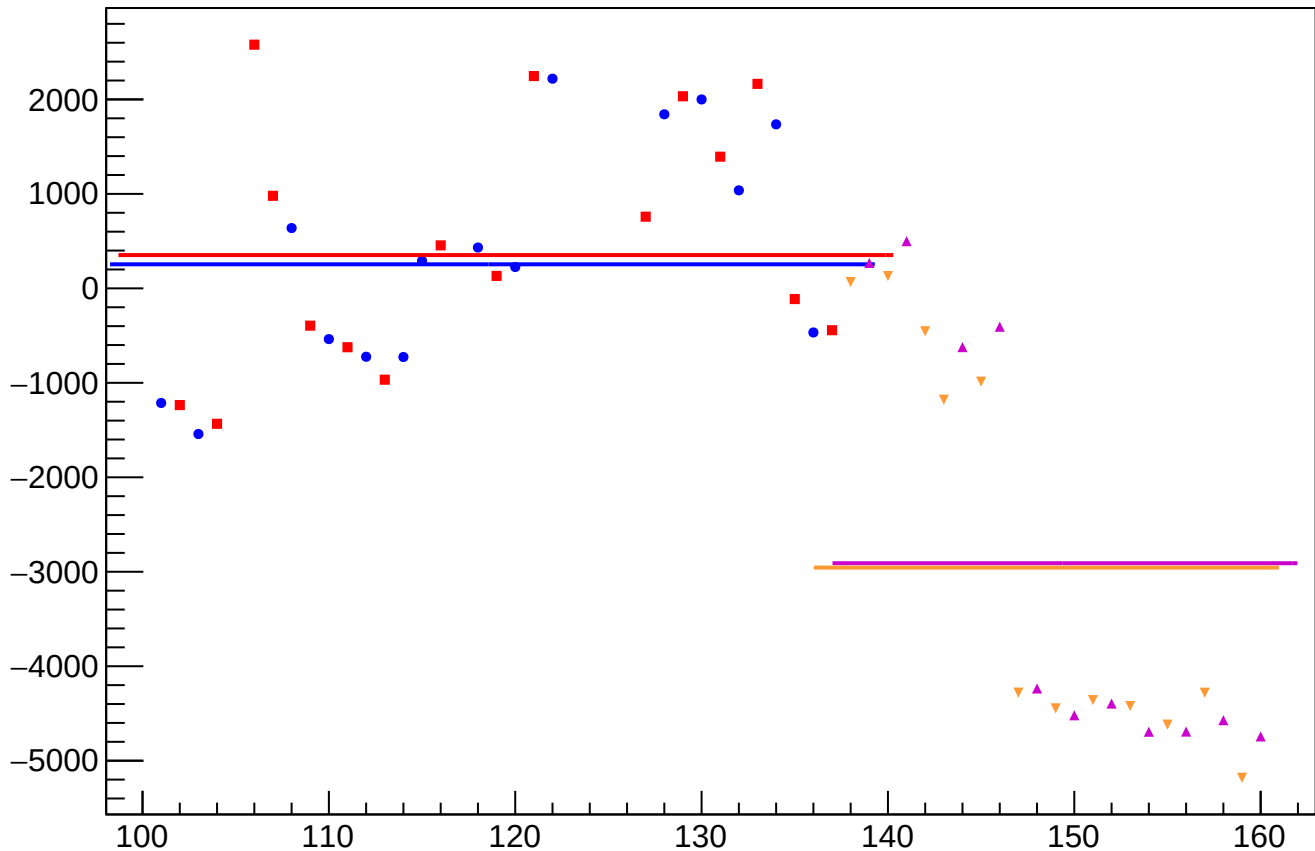
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



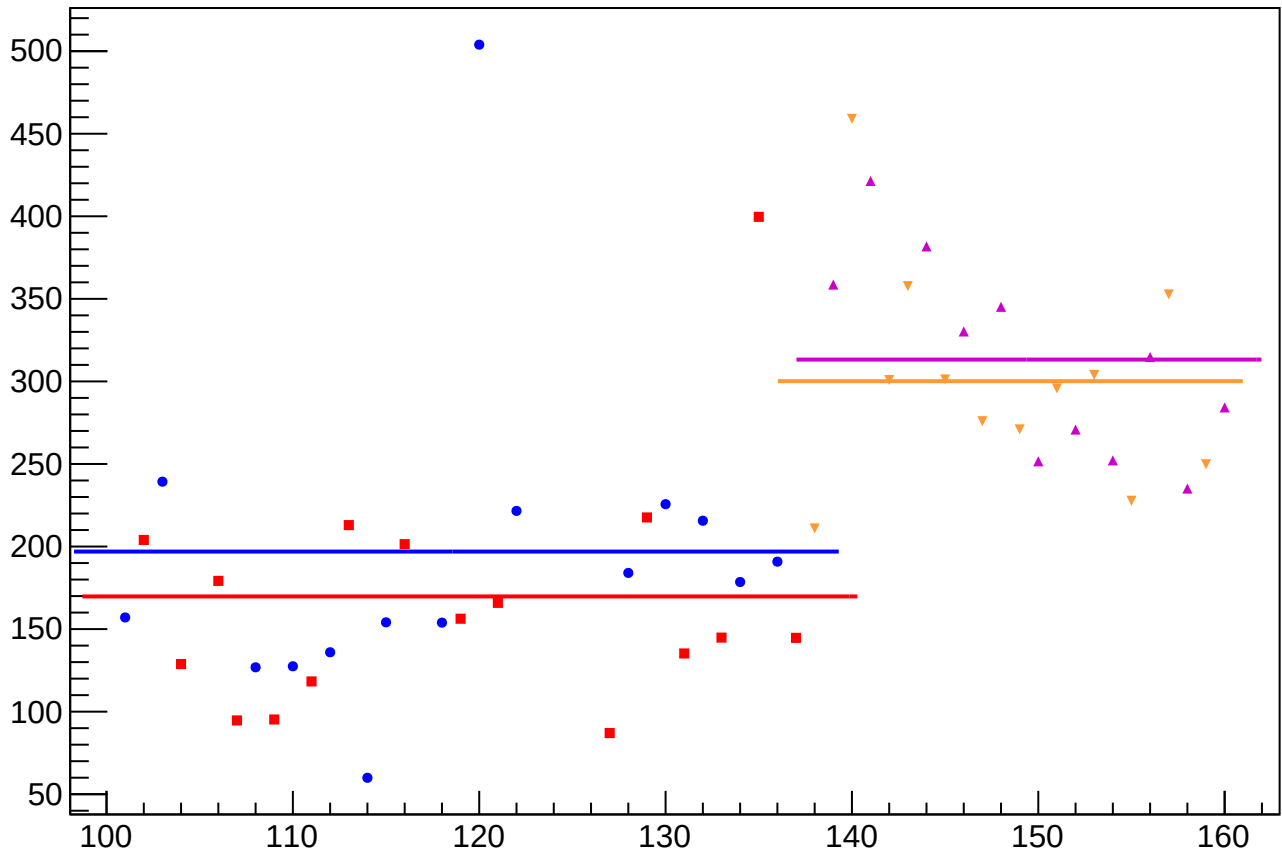
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997+/-0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

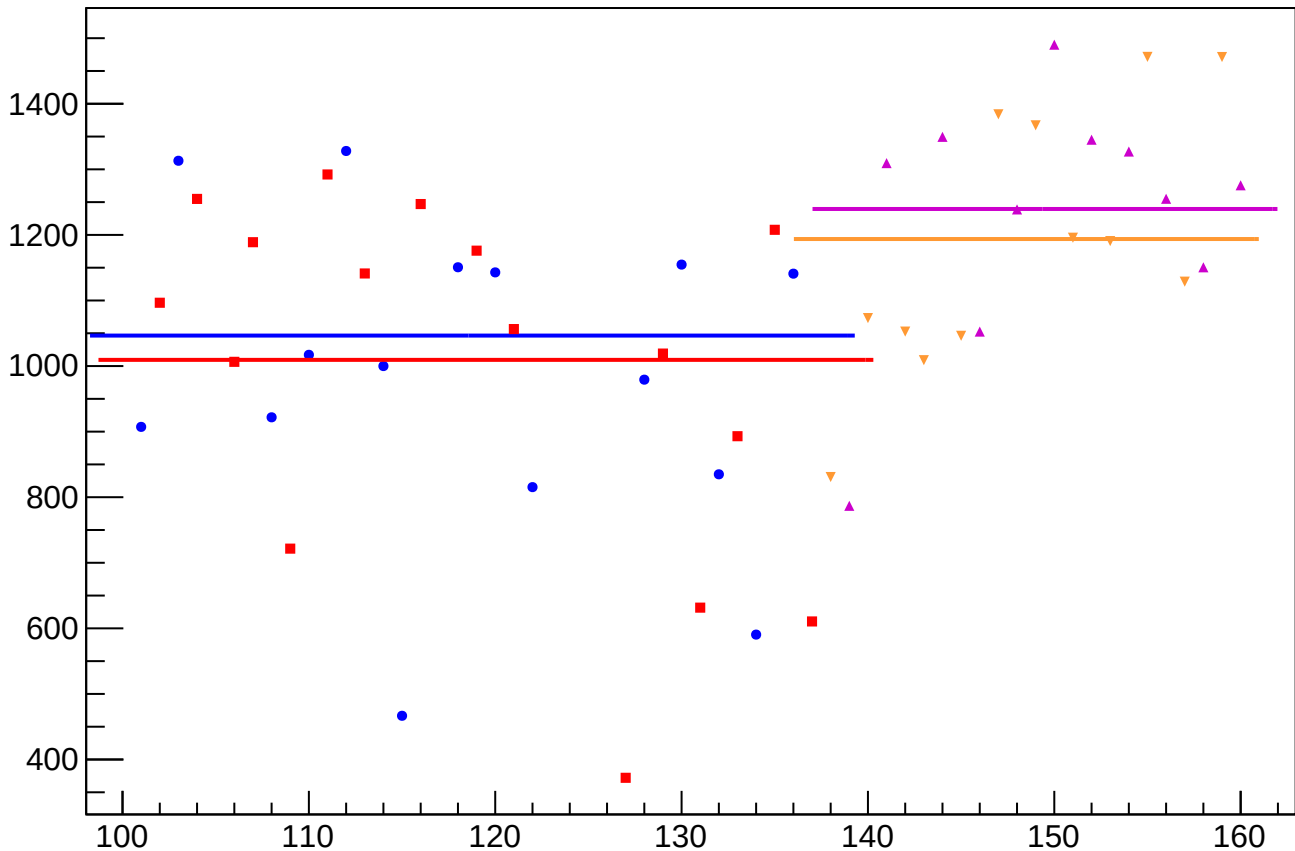
dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10

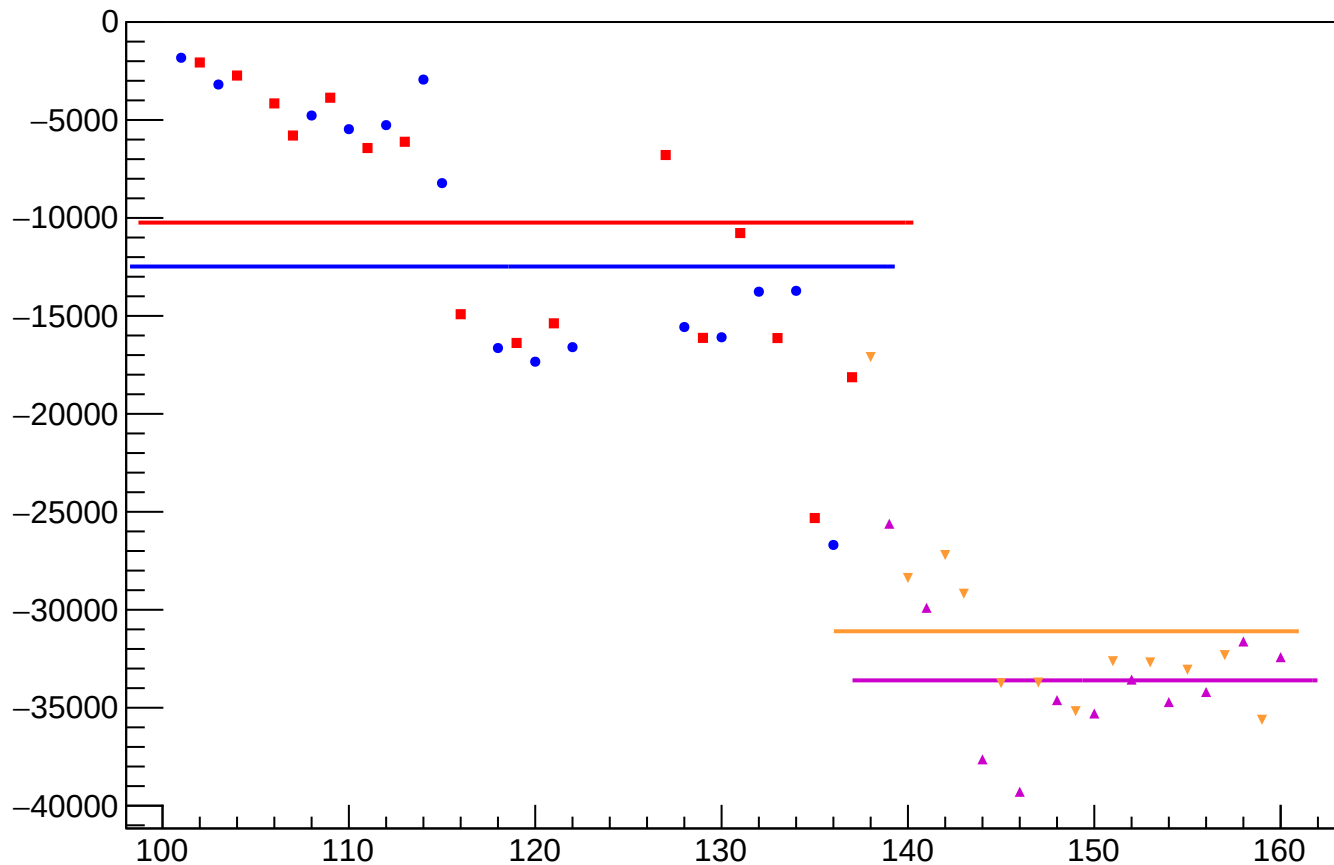
+ sign 257.303+/-0.000 χ^2/NDF : 124000774019819
 All: 255.177+/-0.000 χ^2/NDF : 273569793225
 - sign 253.089+/-0.000 χ^2/NDF : 149429007533601

dit_sam5_coil1_Ndata_mean vs Slug



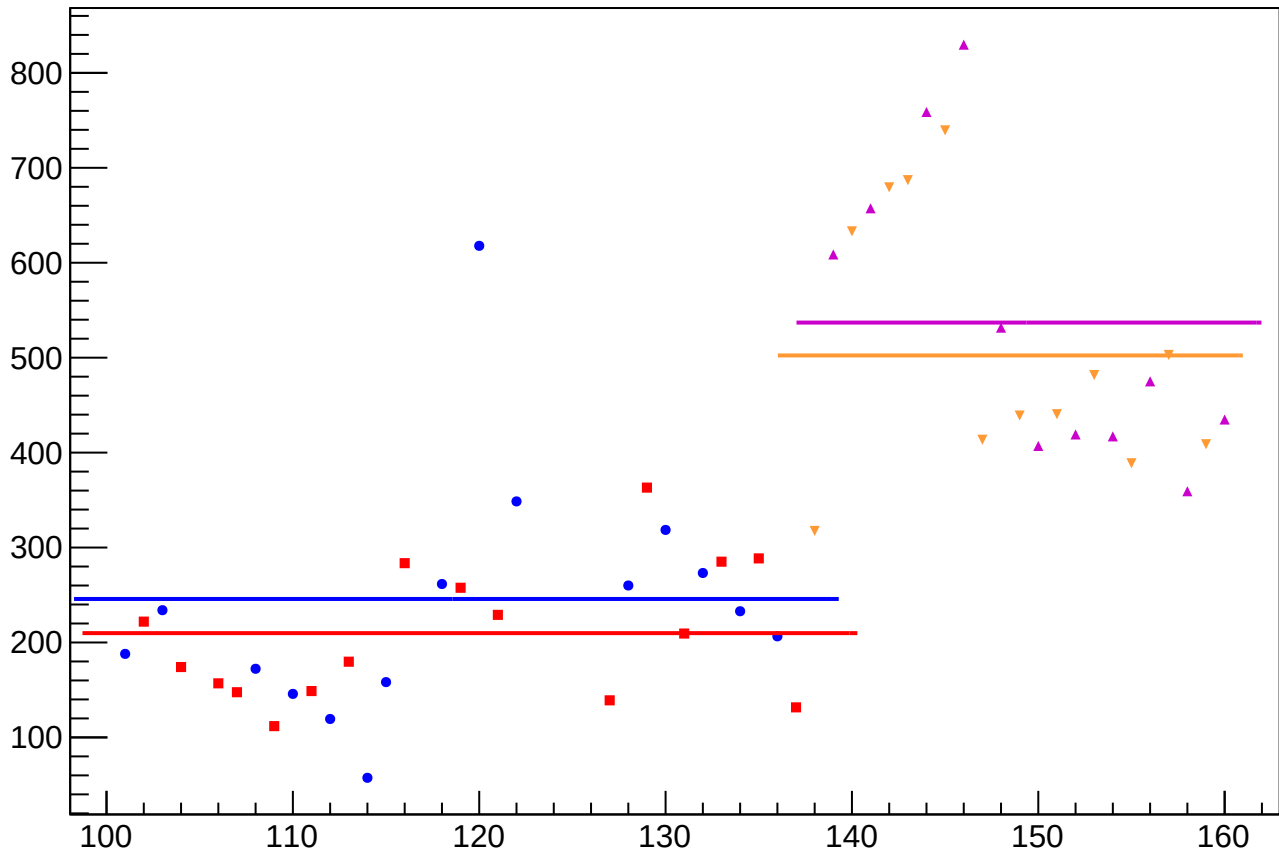
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



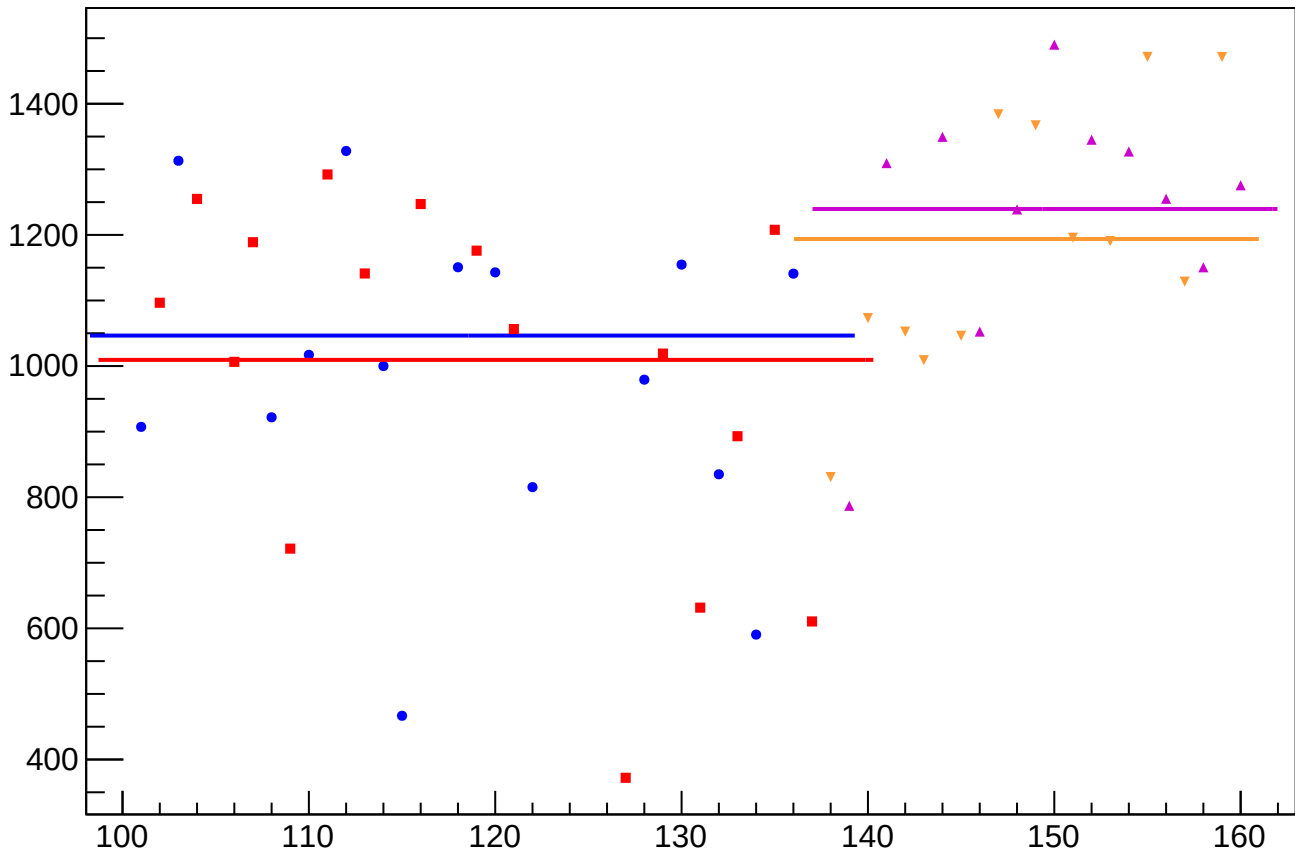
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -31096.364+/-0.000 χ^2/NDF : 21759430970673179273891990313759368282112.0/11
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



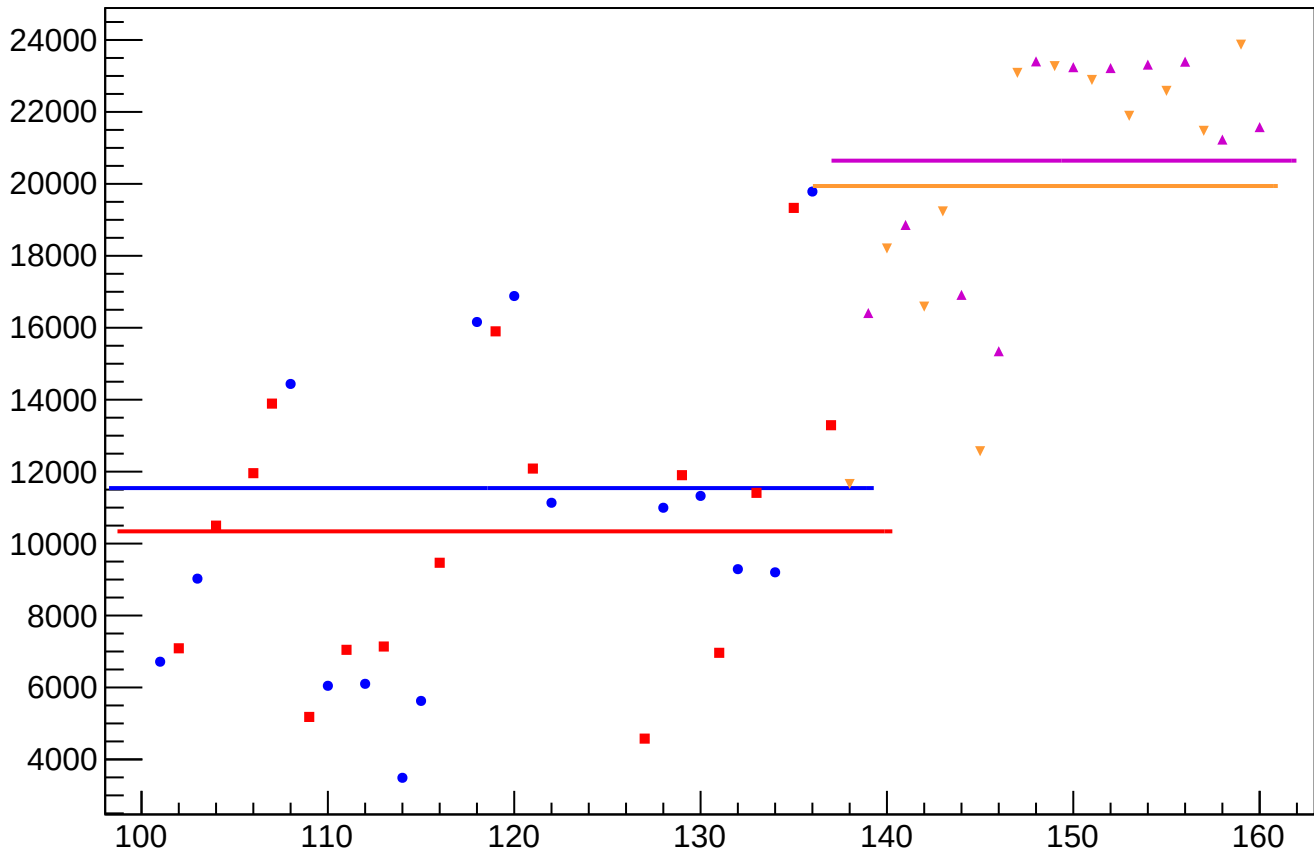
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- sign 399.831+/-0.000	χ^2/NDF : 653859962401754
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



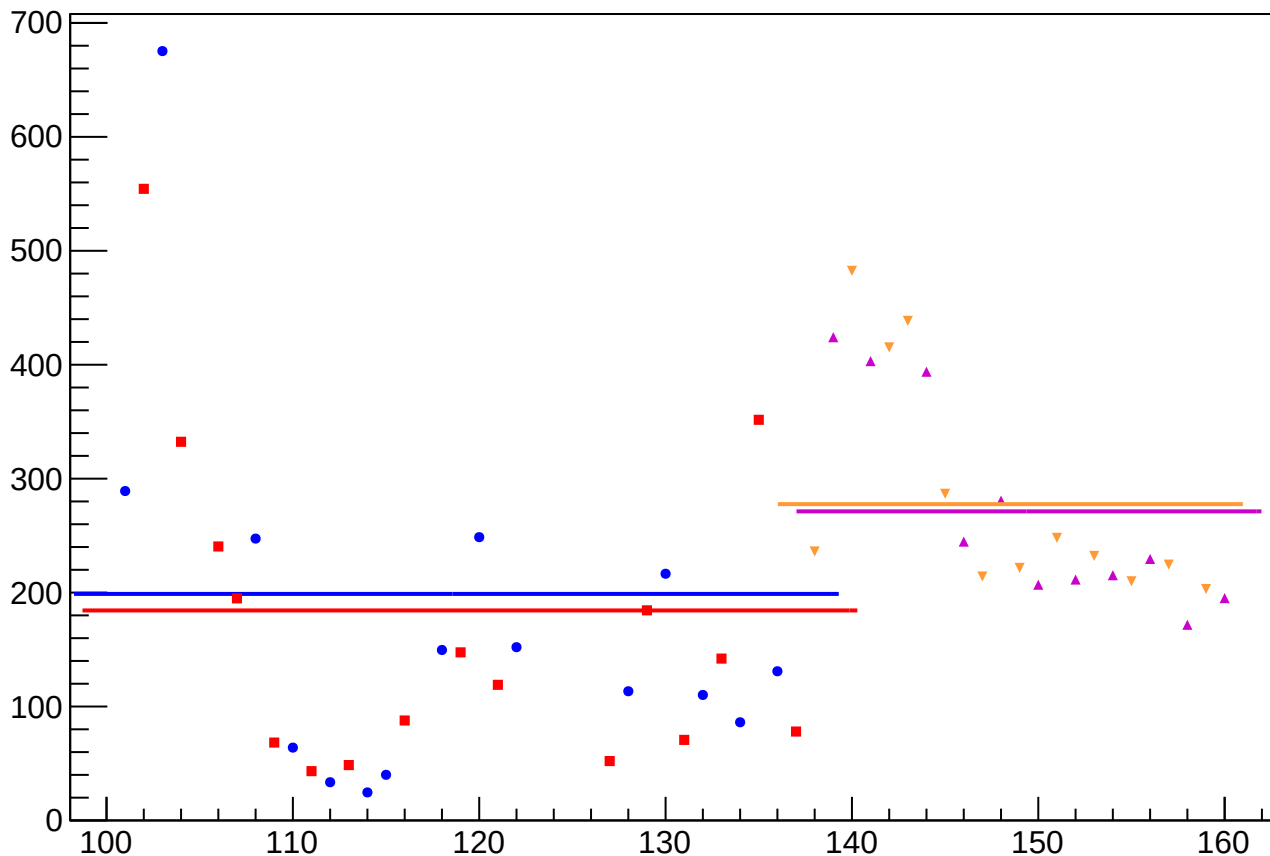
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19940.398+/-0.000 χ^2/NDF : 15069486743345866506868658008400293003264.0/11
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

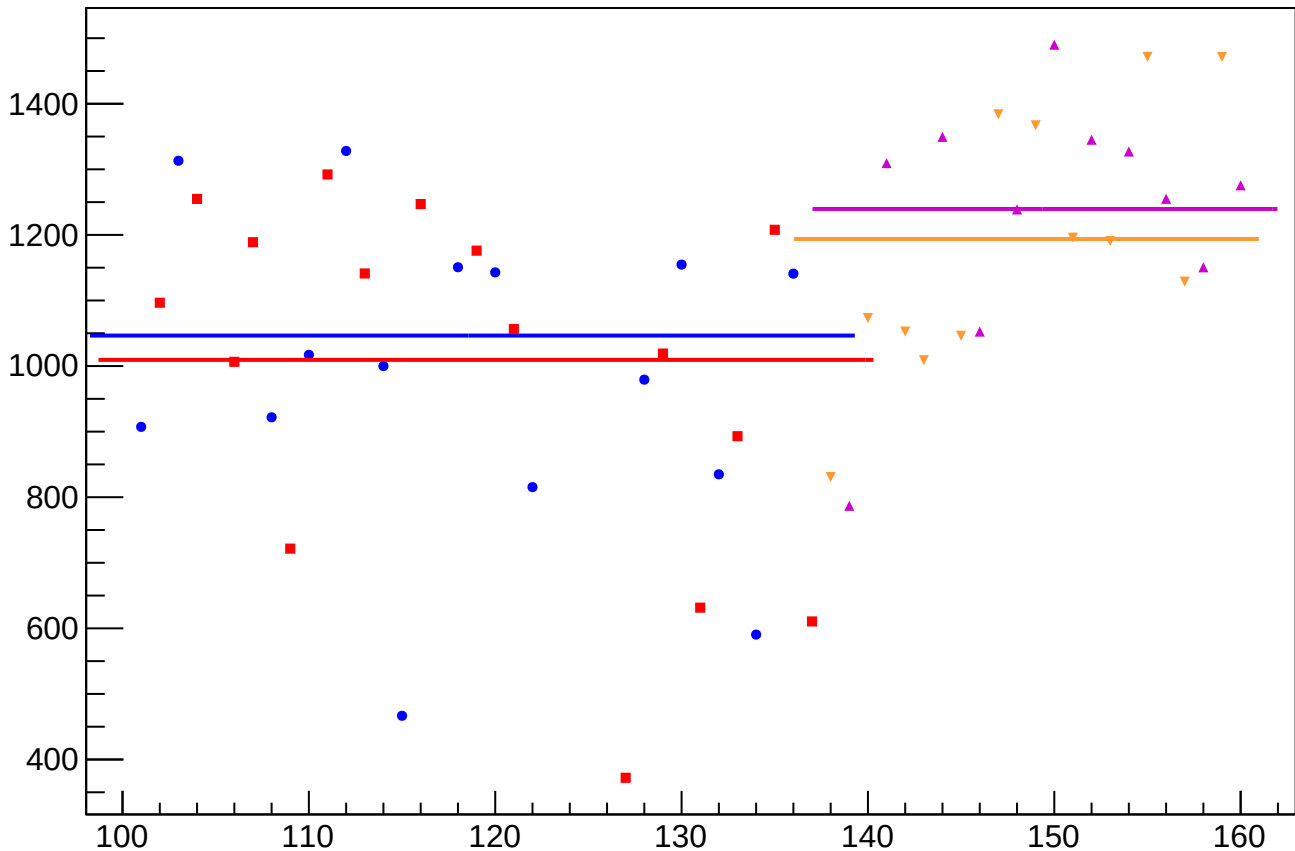
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF : 287284397950927

All: 239.833+/-0.000 χ^2/NDF : 537780837700

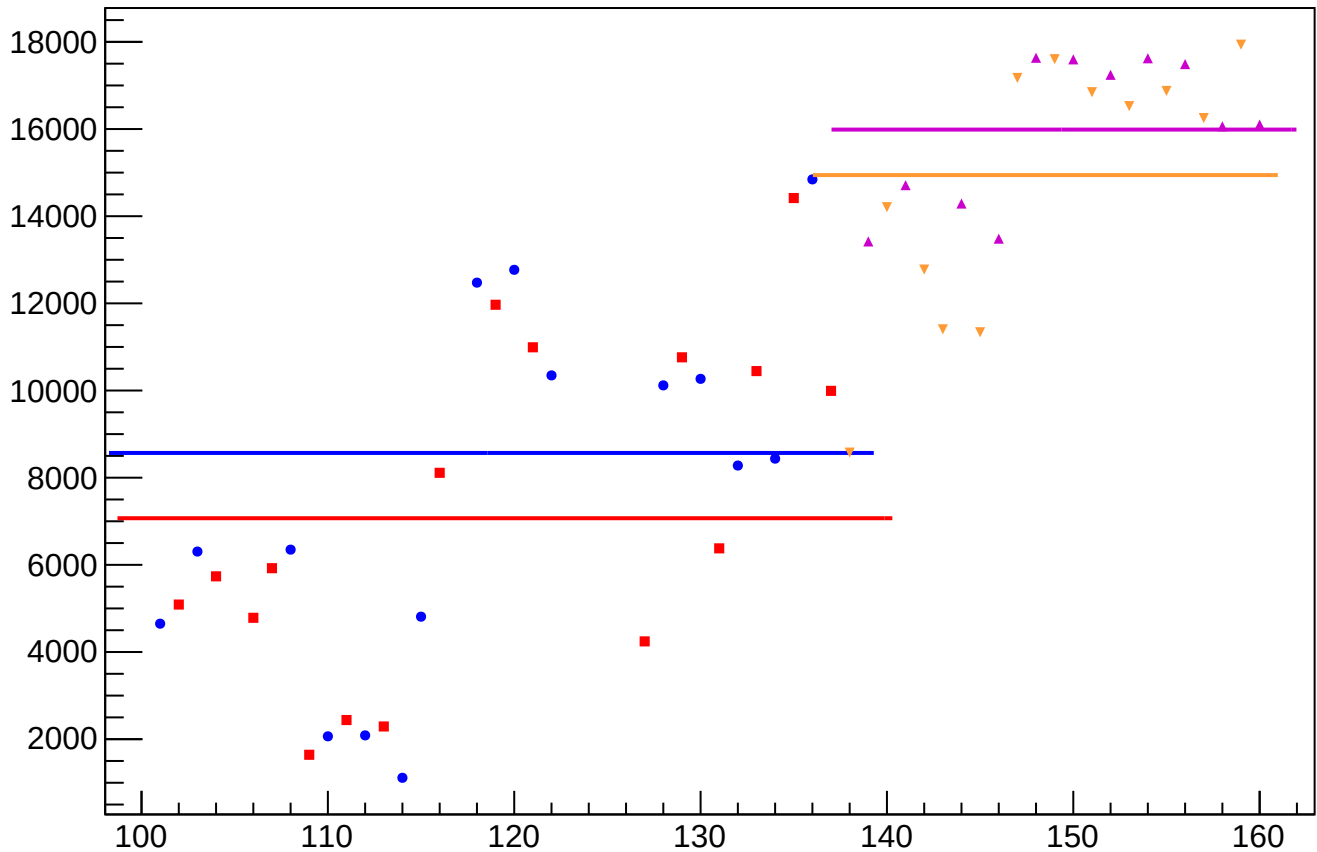
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



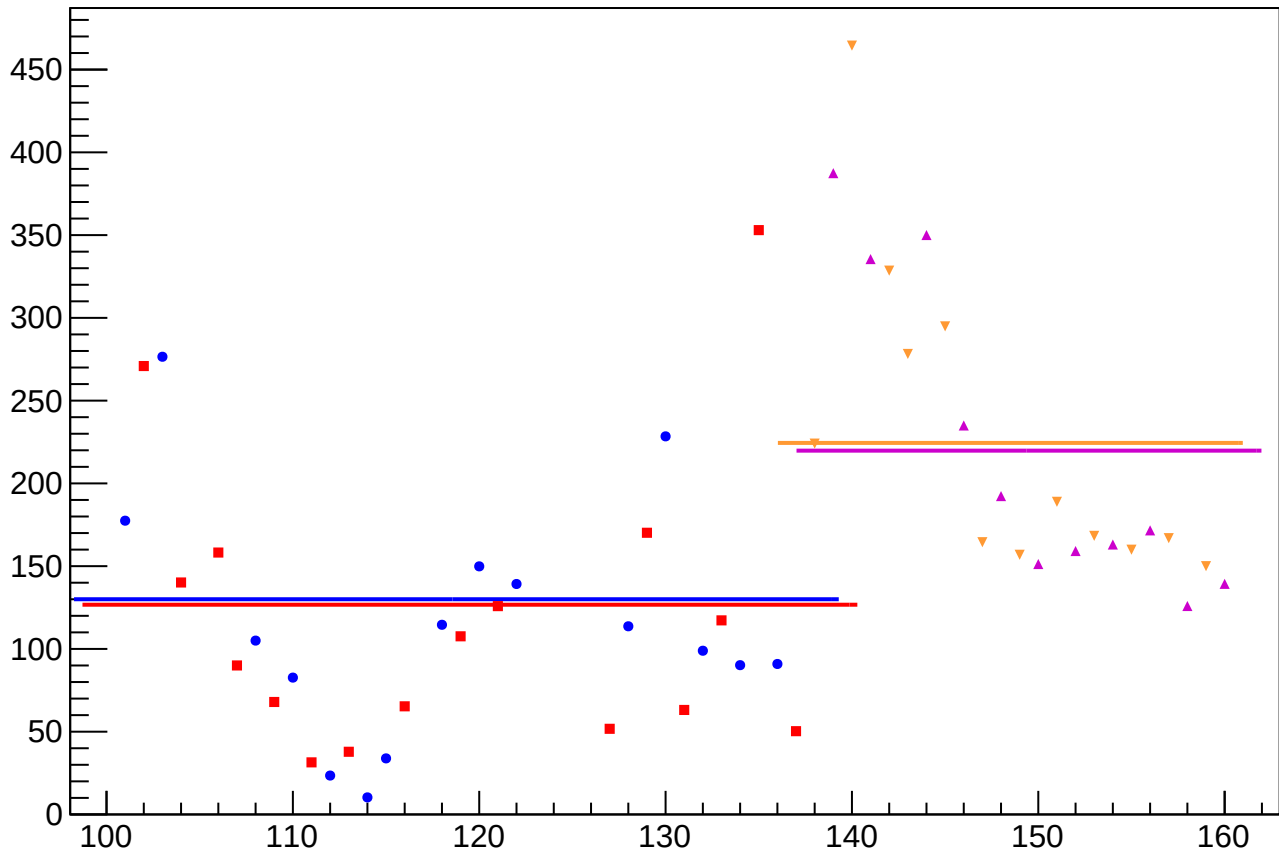
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



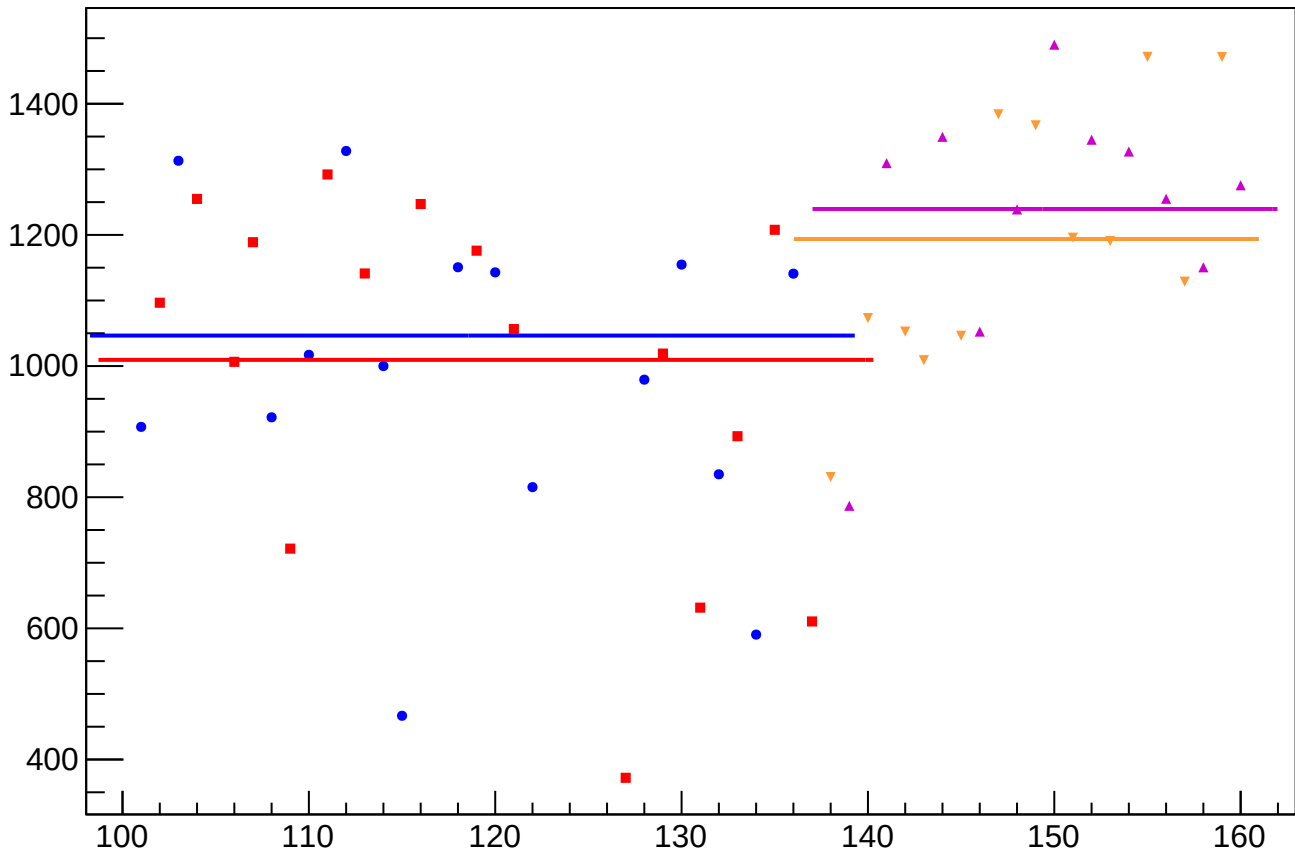
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



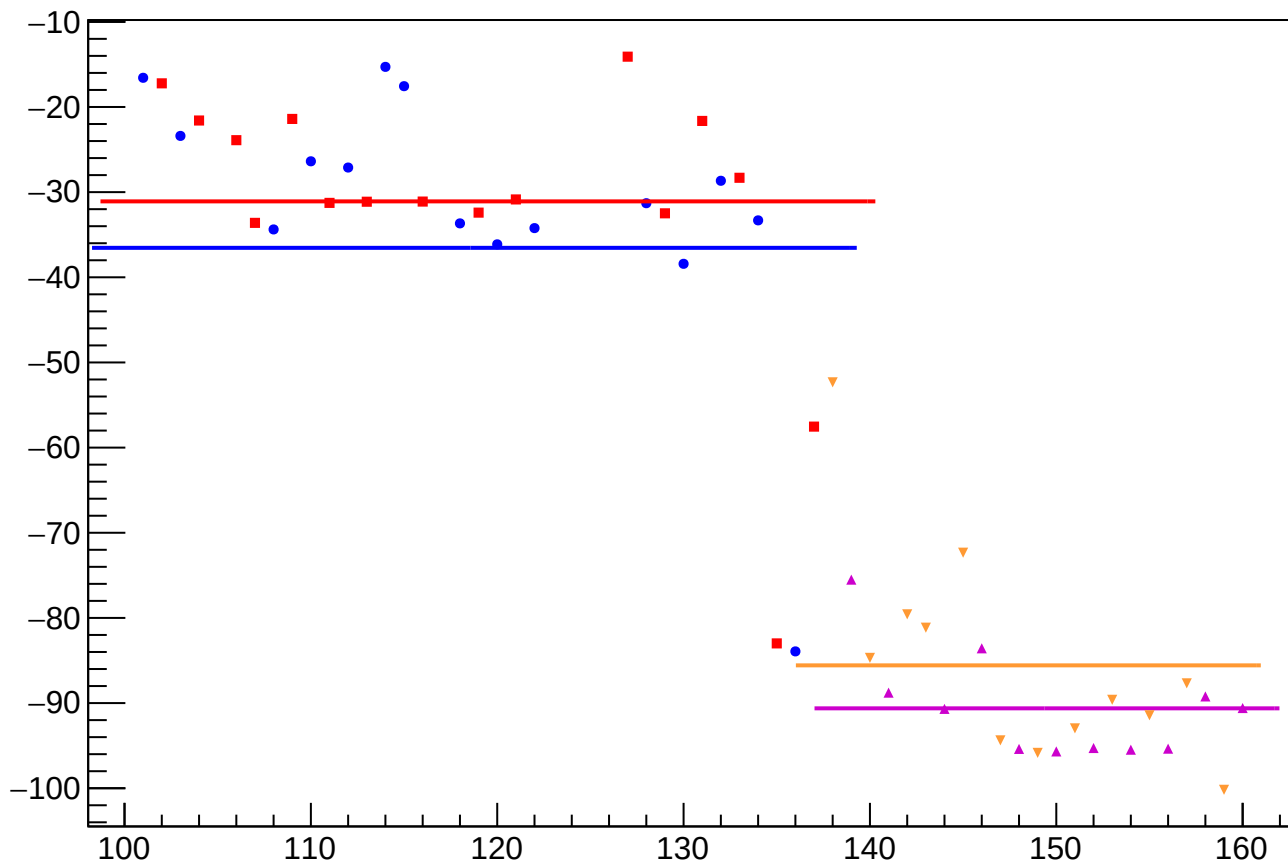
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 224.458+/-0.000 χ^2/NDF : 7870394140048491055430374232164401152.0/11
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.570+/-0.000 χ^2/NDF : 143557776257547990865591640732467200.0/11

Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

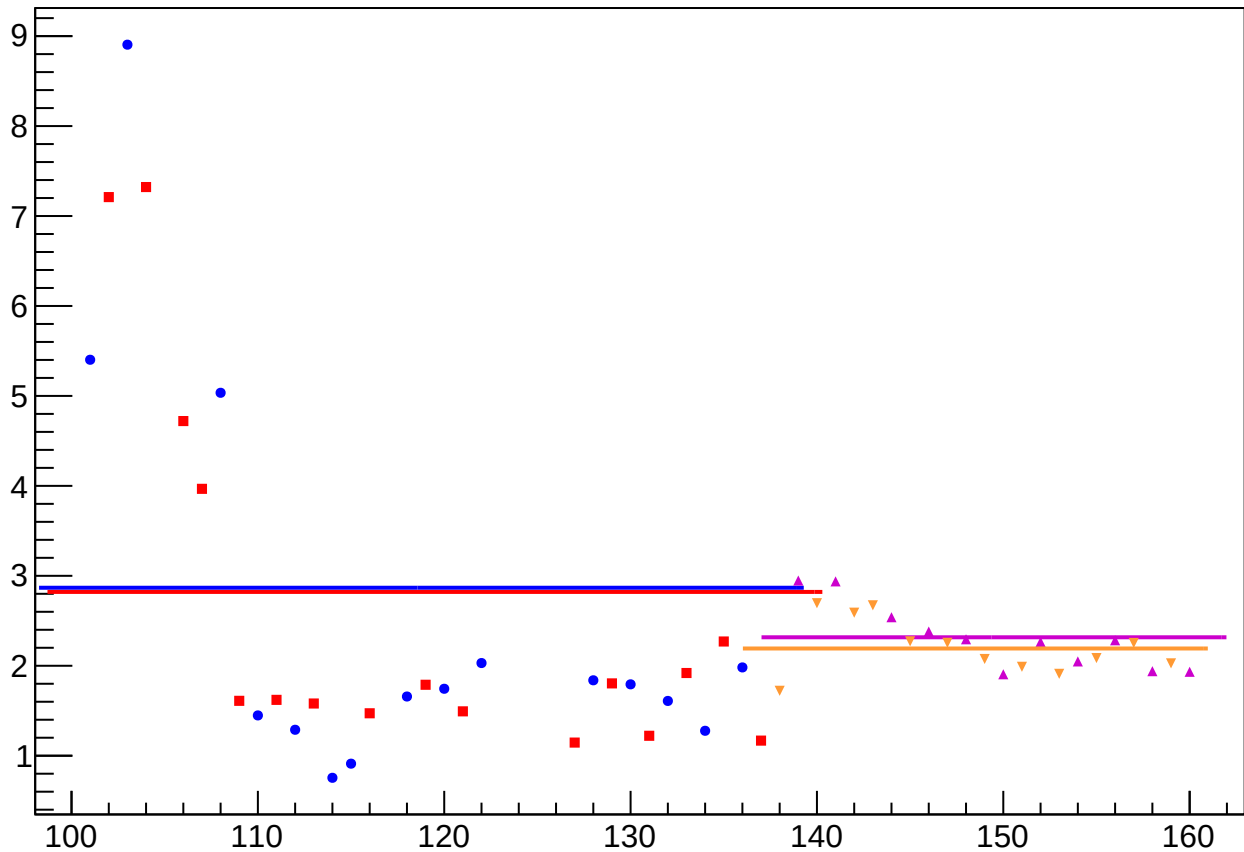
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212+/-0.000 χ^2/NDF : 131026728865009

All: -65.438+/-0.000 χ^2/NDF : 289770508585

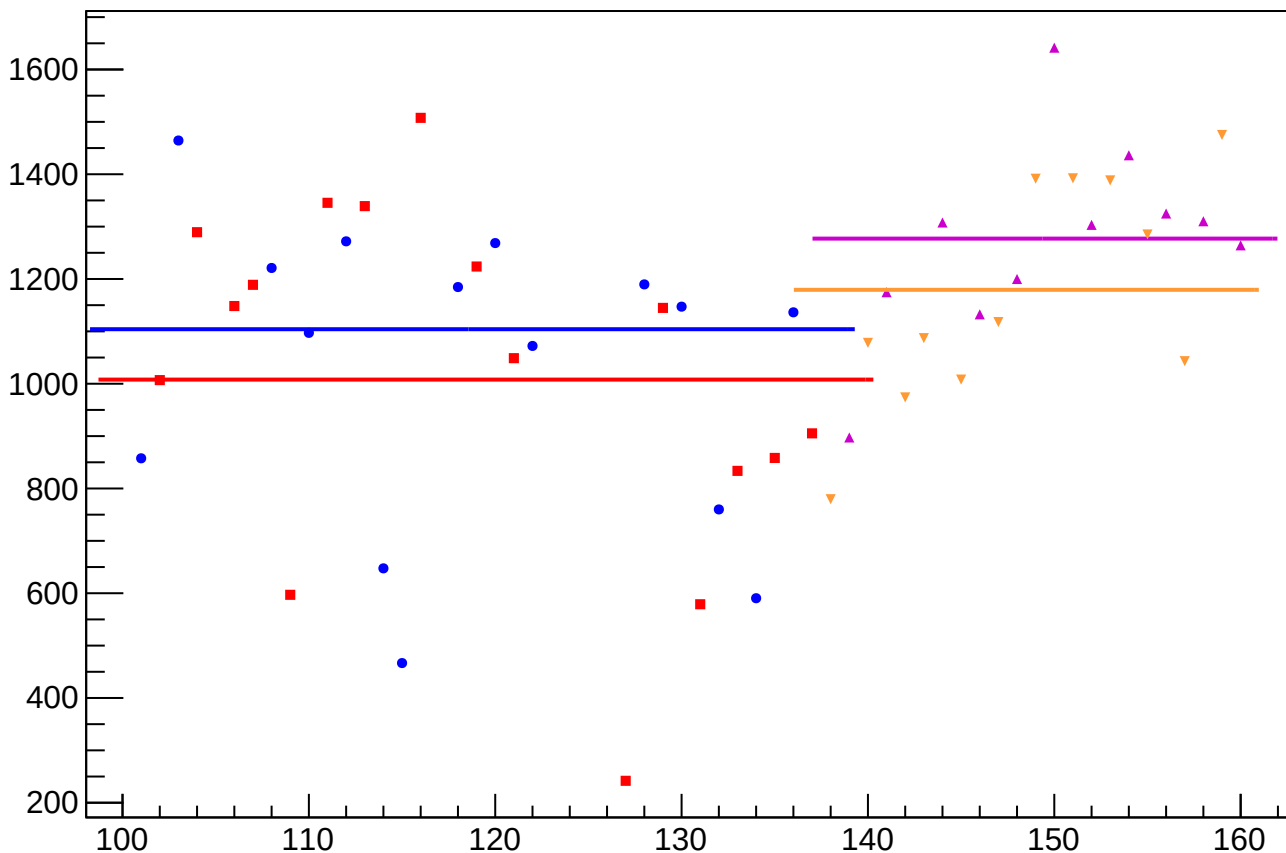
- sign -65.660+/-0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192 $\pm$ 0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821 $\pm$ 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317 $\pm$ 0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

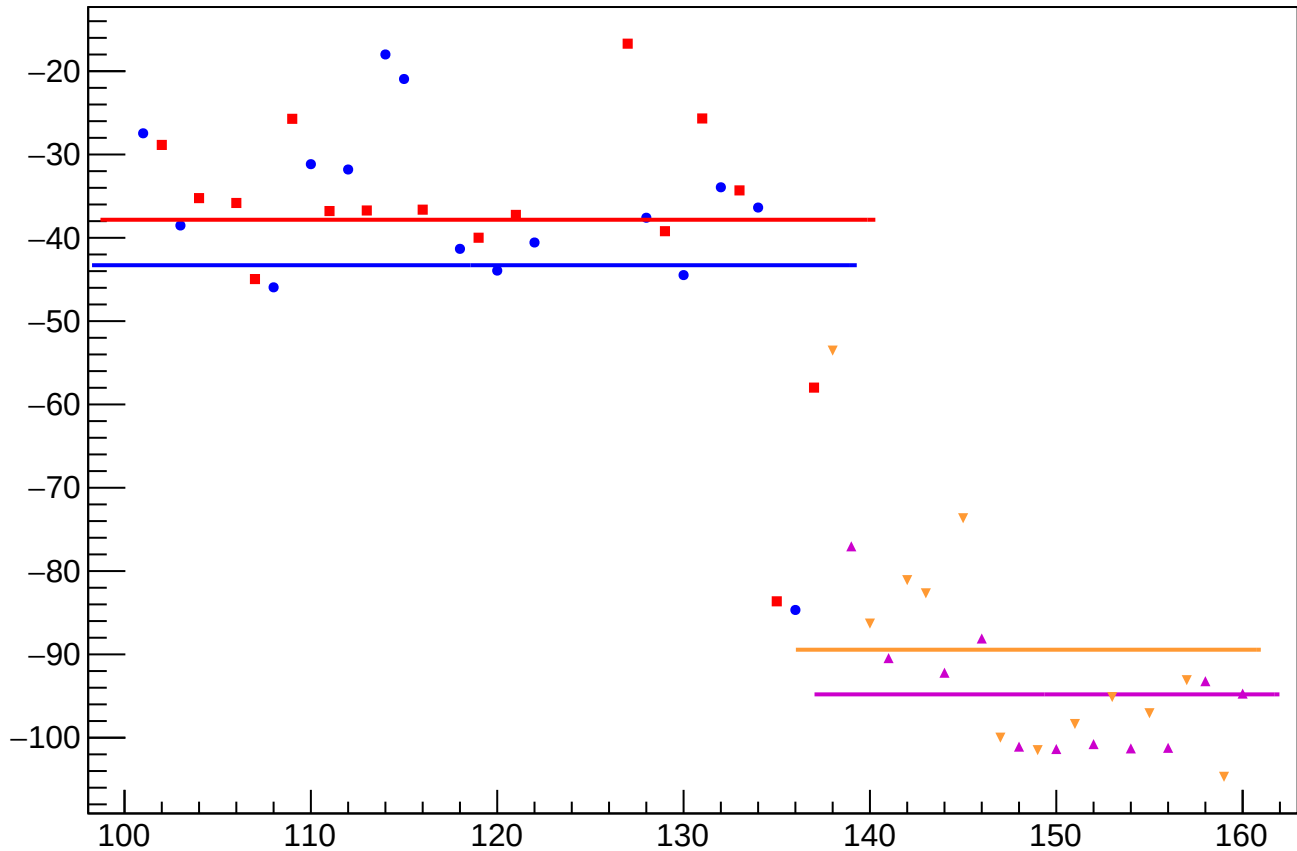
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

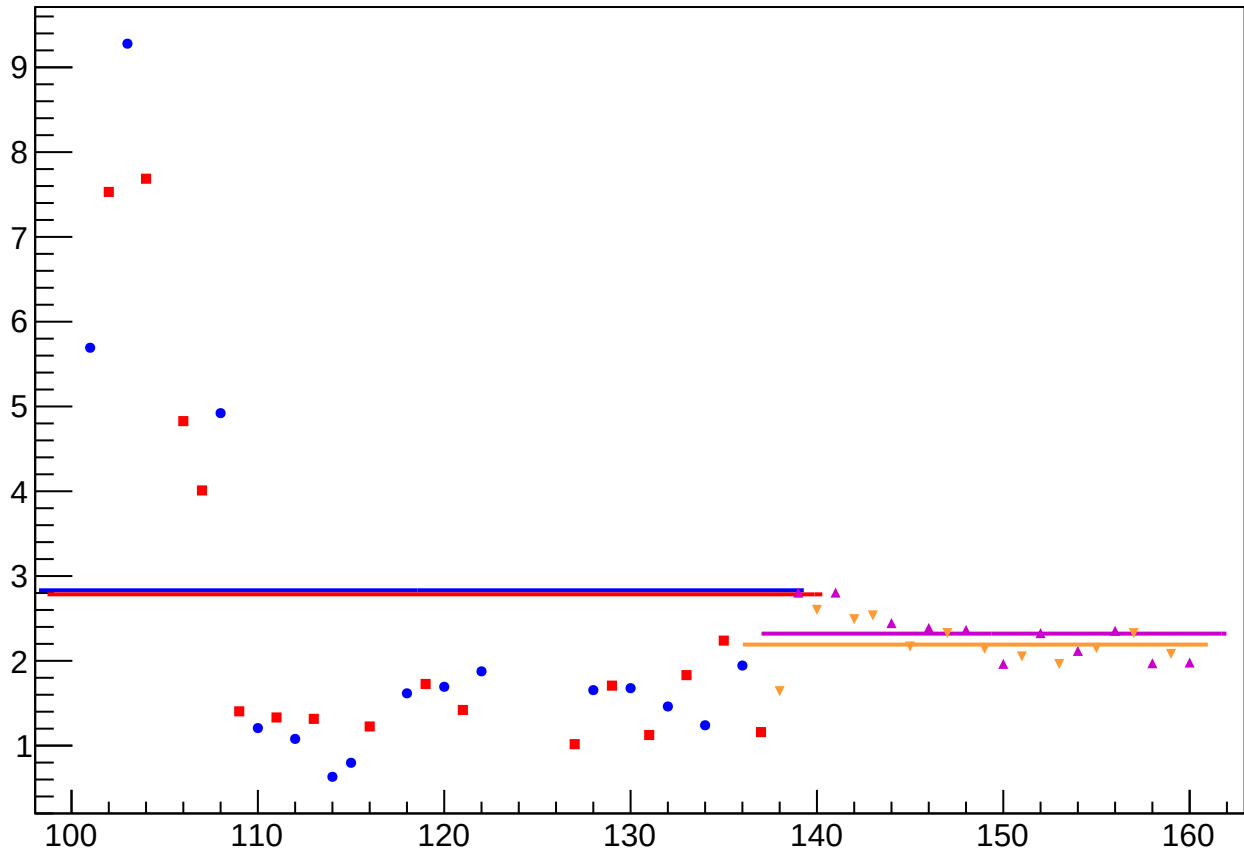
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



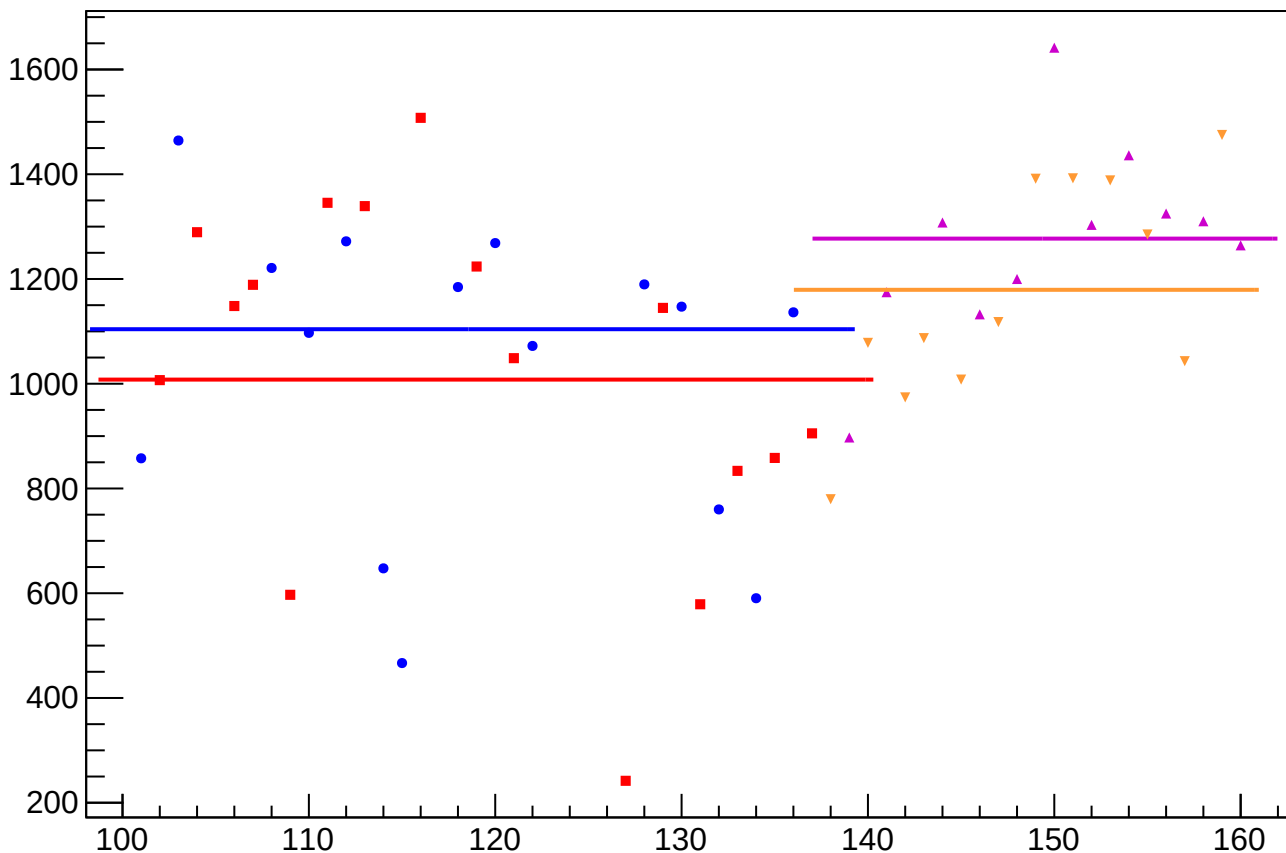
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 ± 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.192 ± 0.000 χ^2/NDF : 59601559247415008947816525463552.0/11
 Right Out: 2.784 ± 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321 ± 0.000 χ^2/NDF : 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

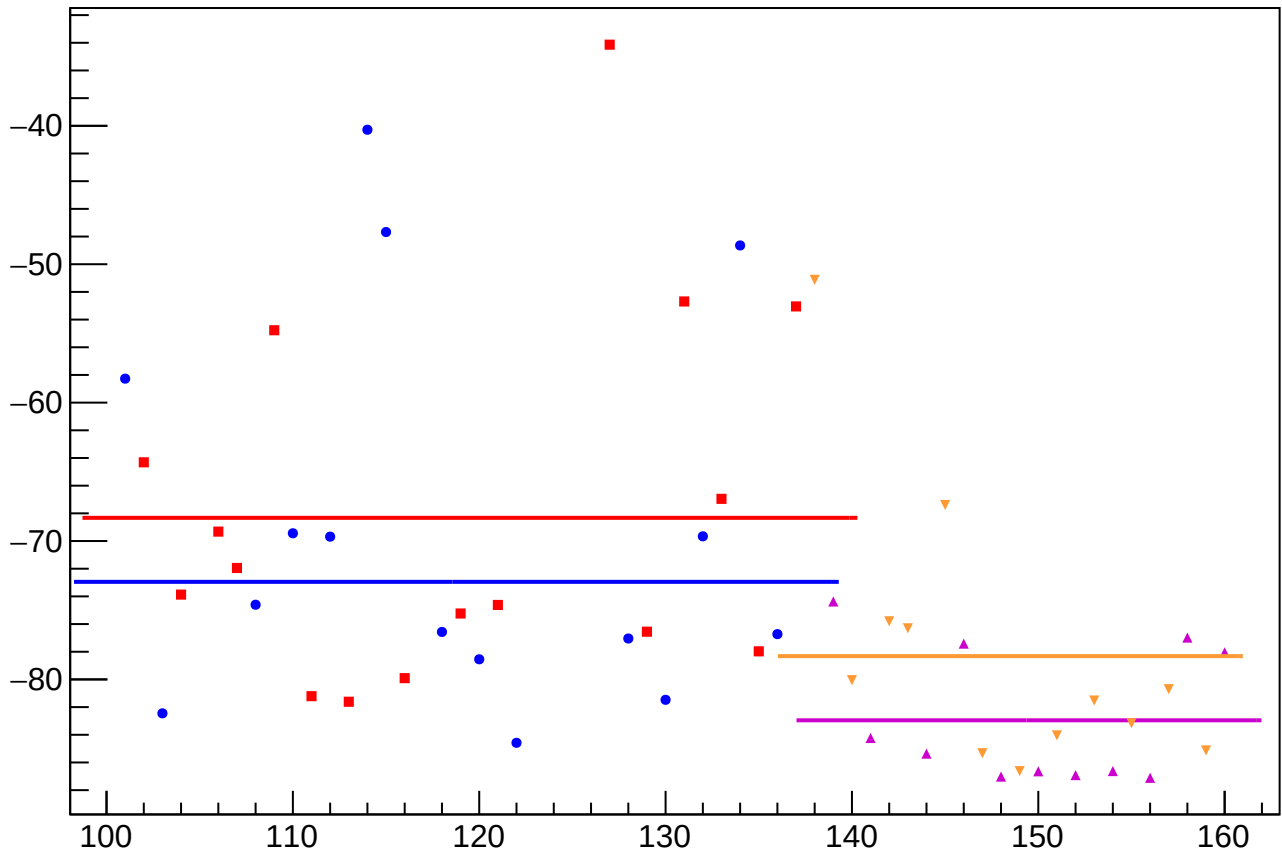
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -78.317+/-0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11

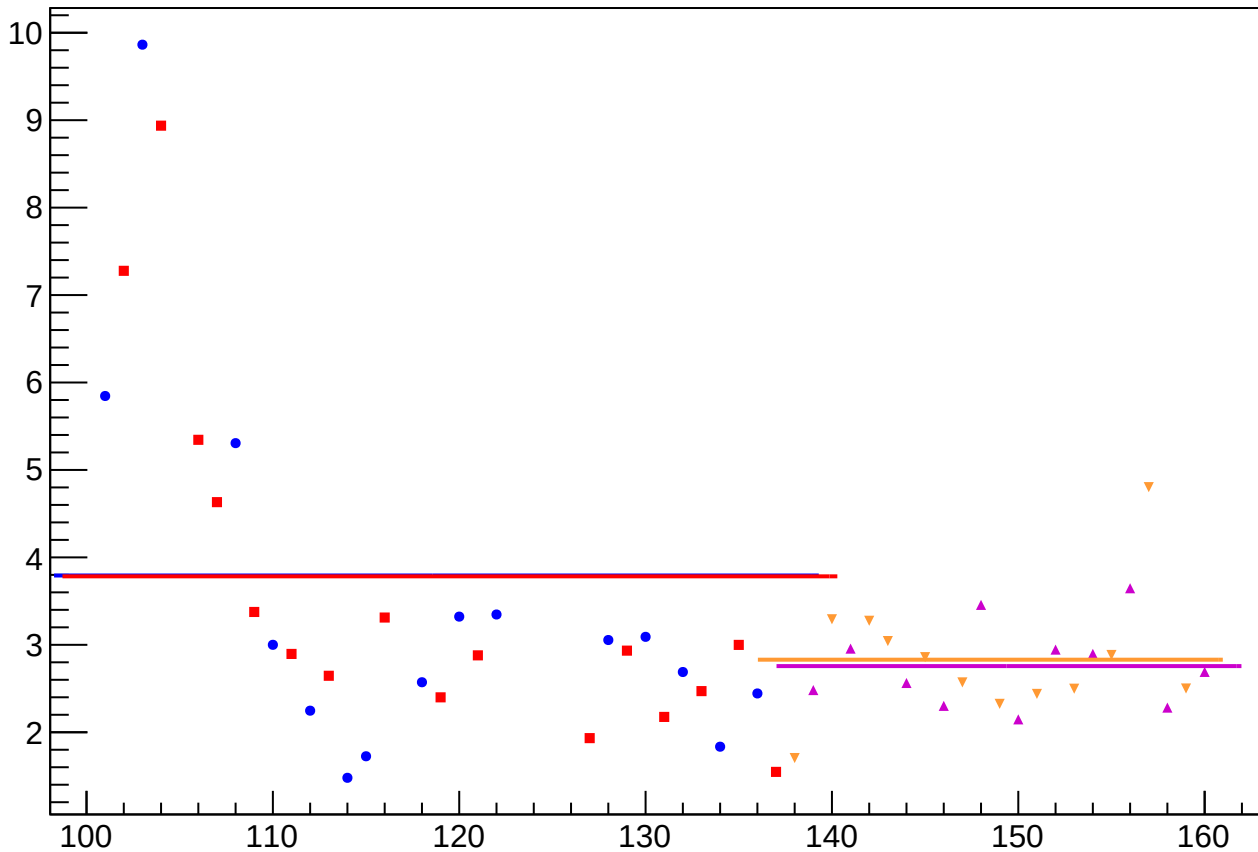
Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

Left In: -82.954+/-0.000 χ^2/NDF : 20419157774877297849205303170564096.0/10

All: -76.457+/-0.000 χ^2/NDF : 374001309343

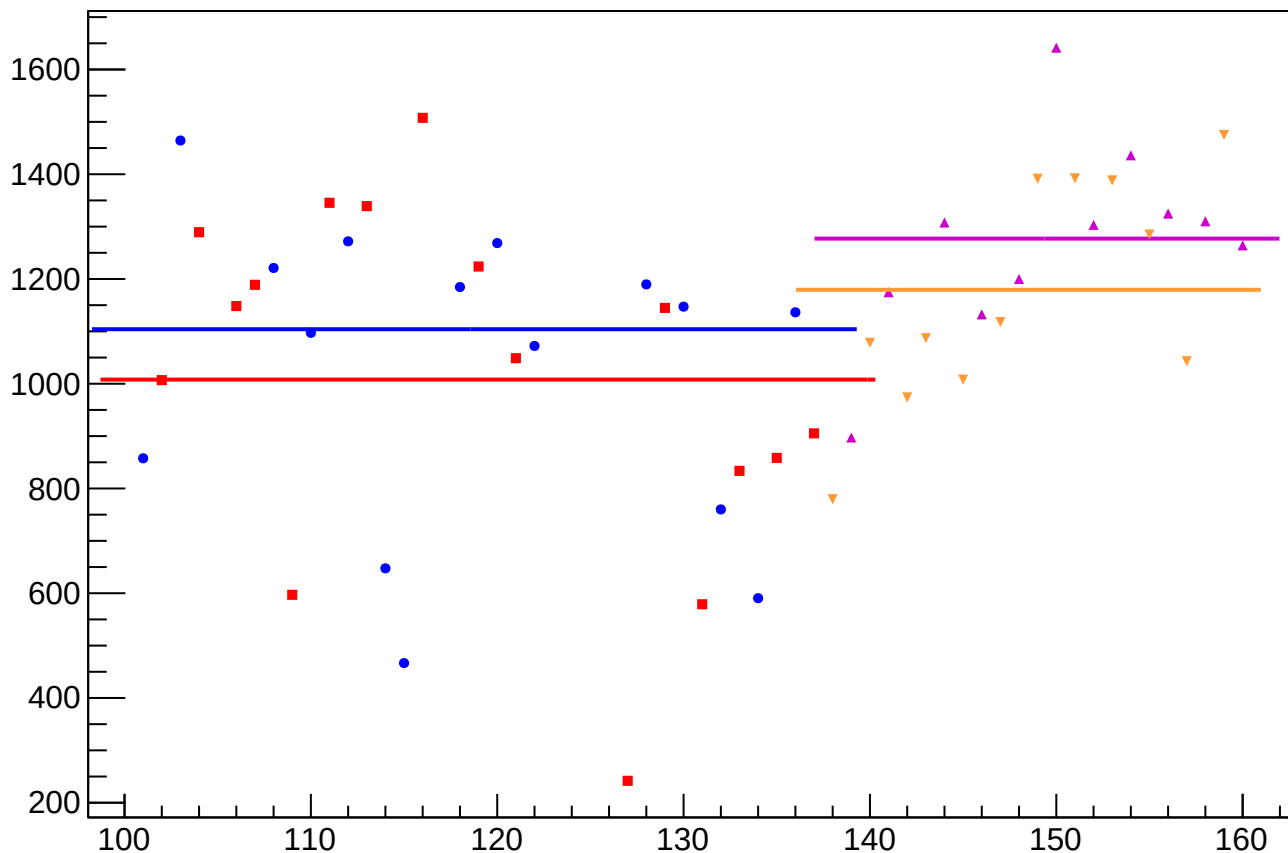
- sign -76.820+/-0.000 χ^2/NDF : 2100293287177657

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.830+/-0.000 χ^2/NDF : 492749026028838907947829621161984.0/11
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

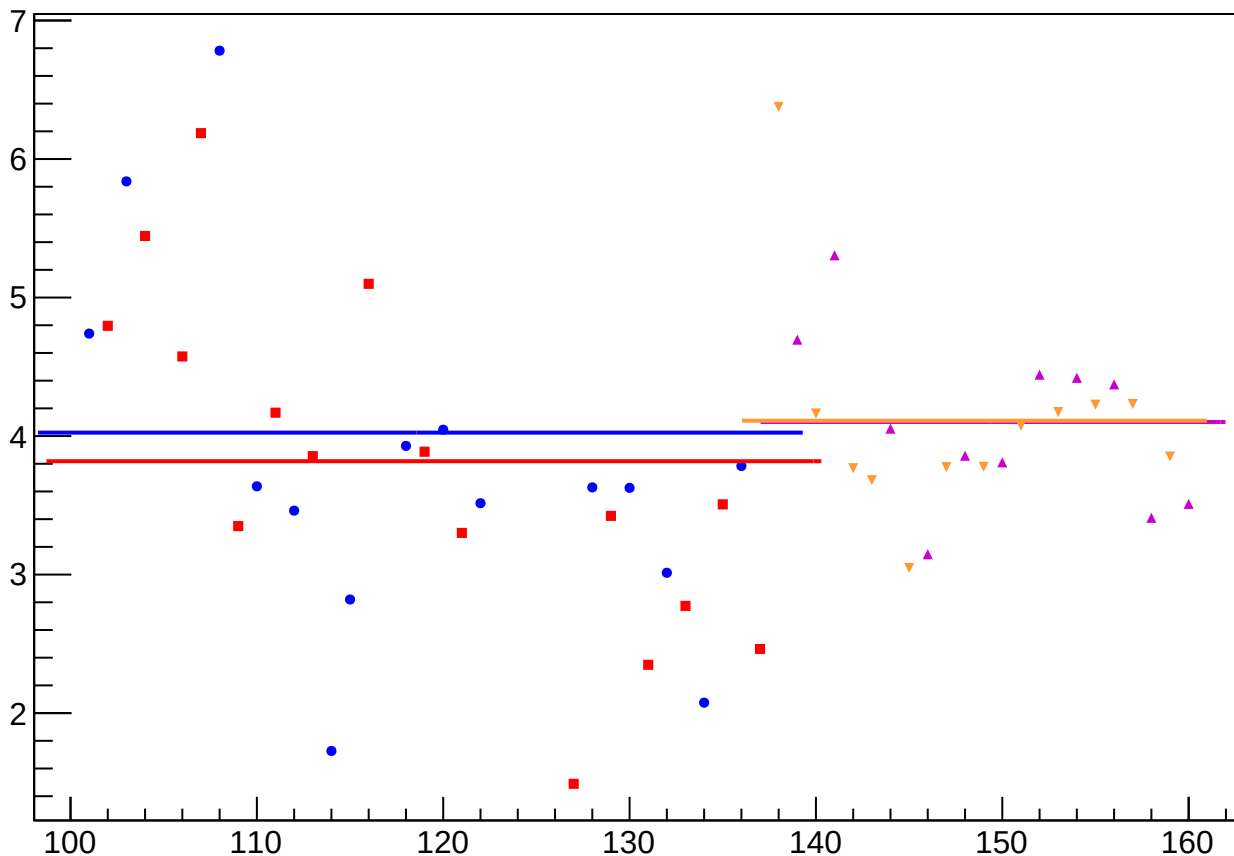
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.111+/-0.000 χ^2/NDF : 532620096510613693690902891986944.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

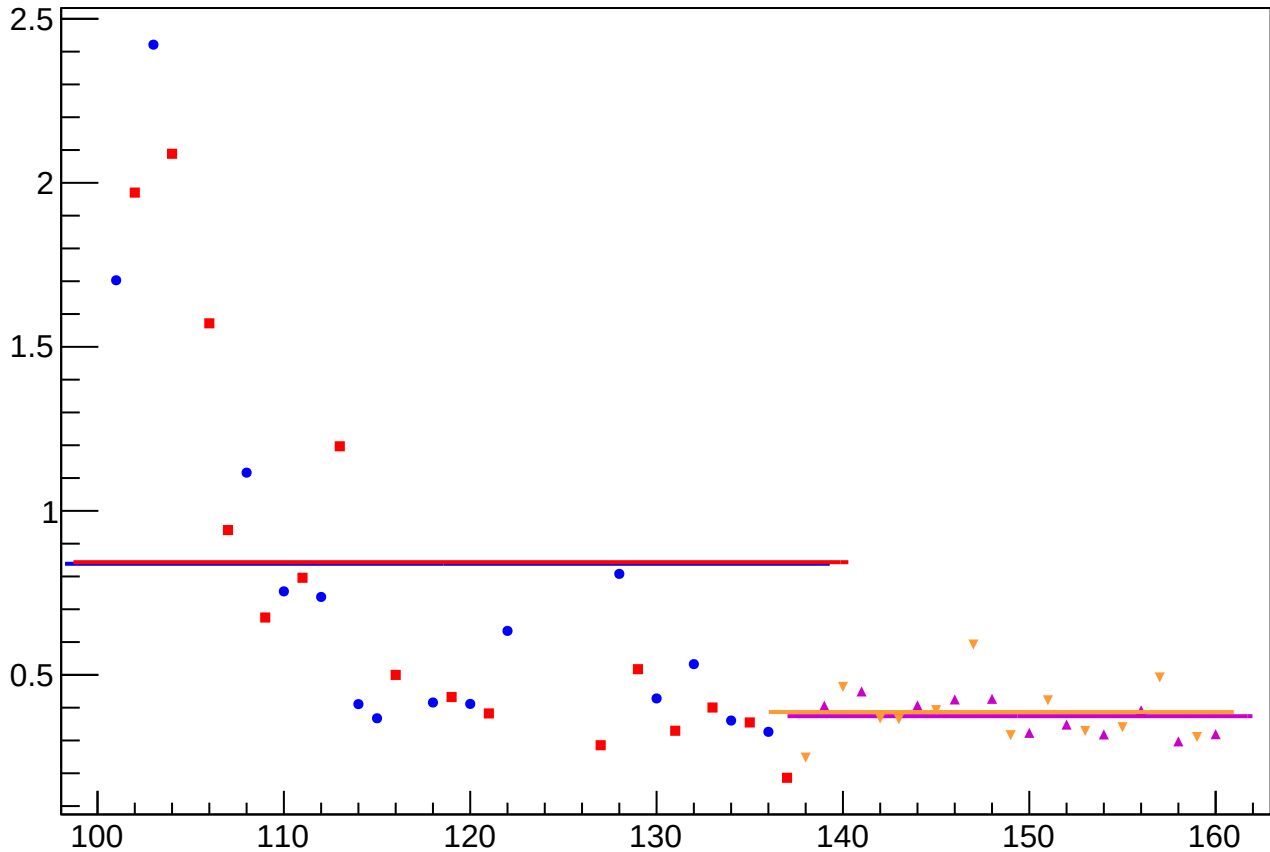
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.075+/-0.000 χ^2/NDF : 13044380384615704

All: 4.029+/-0.000 χ^2/NDF : 2560414246886

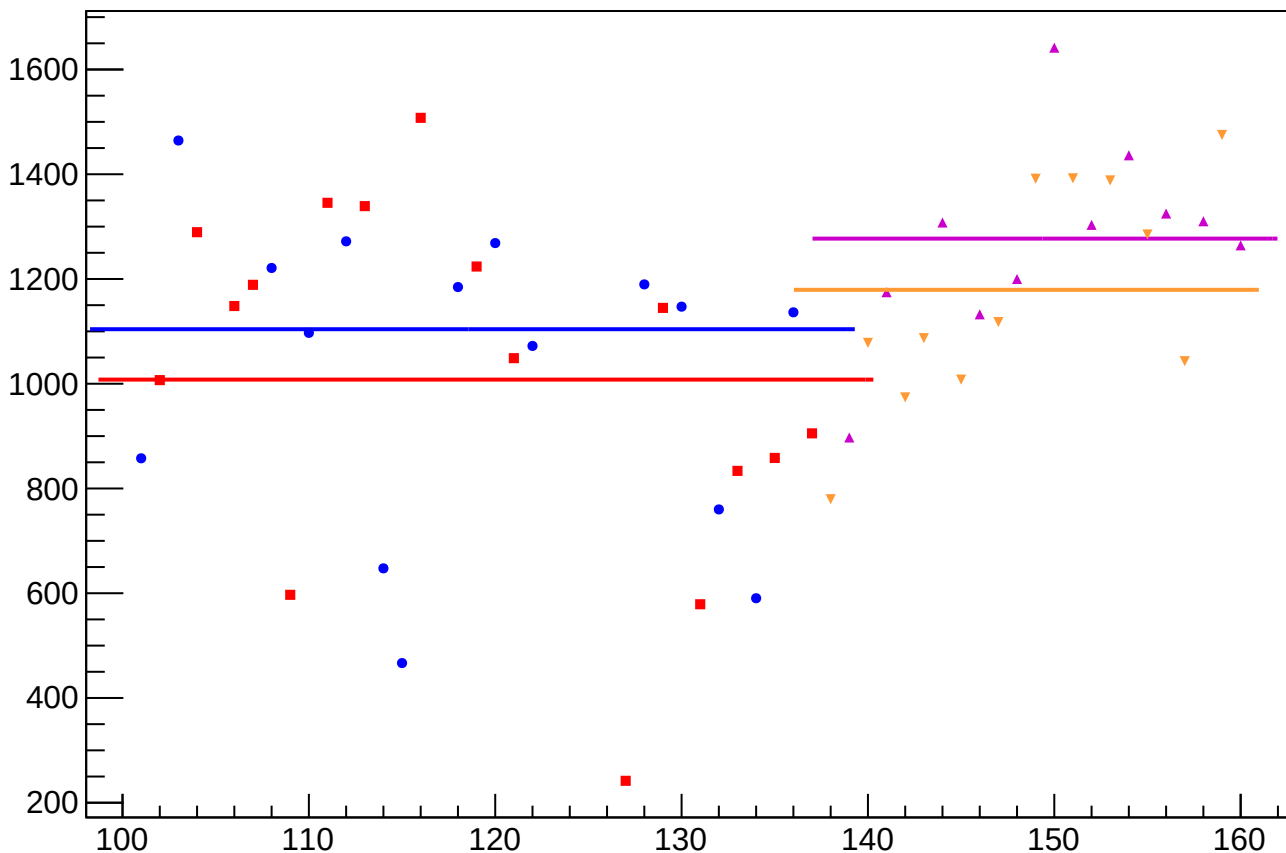
- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 ± 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.387 ± 0.000 χ^2/NDF : 7656532010606705303389852401664.0/11
 Right Out: 0.844 ± 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: 0.374 ± 0.000 χ^2/NDF : 2408191855928929204652403064832.0/10

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

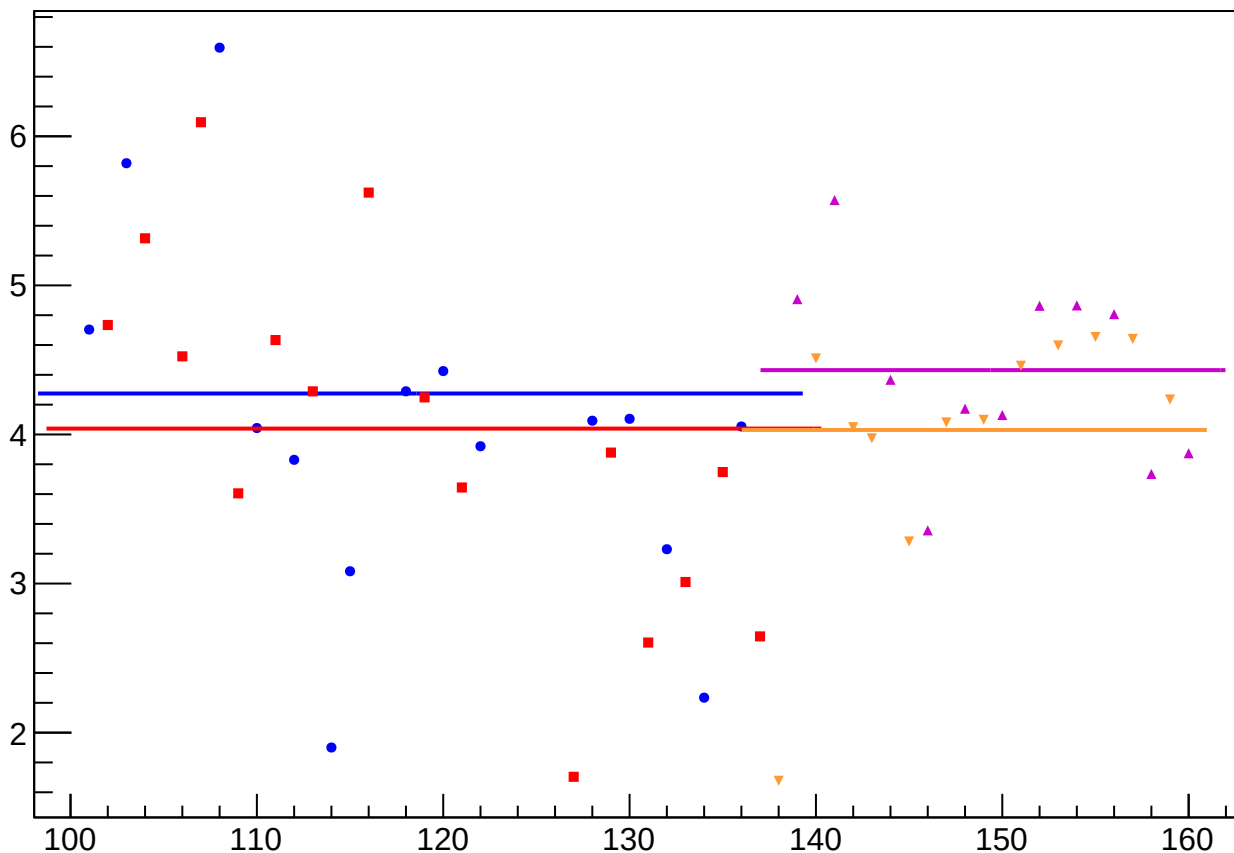
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.030+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

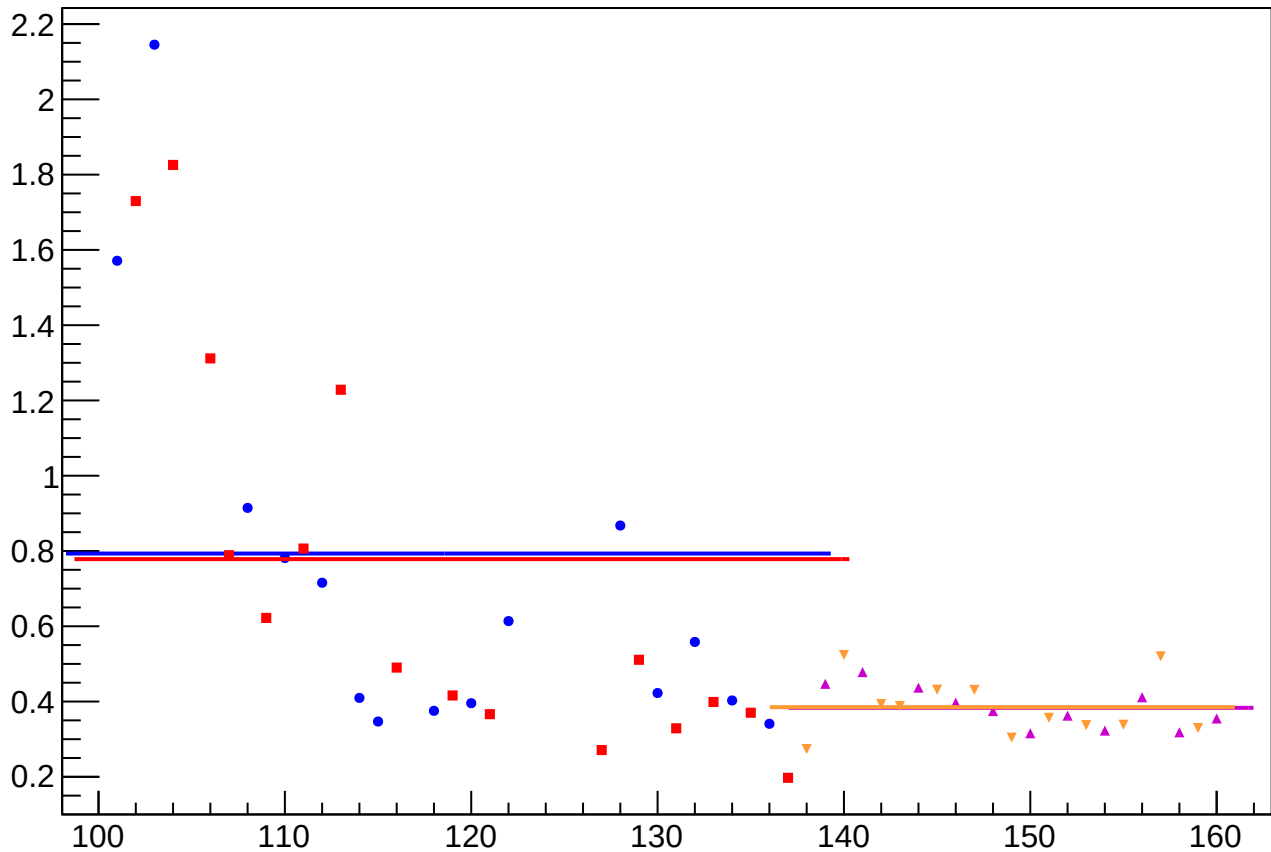
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

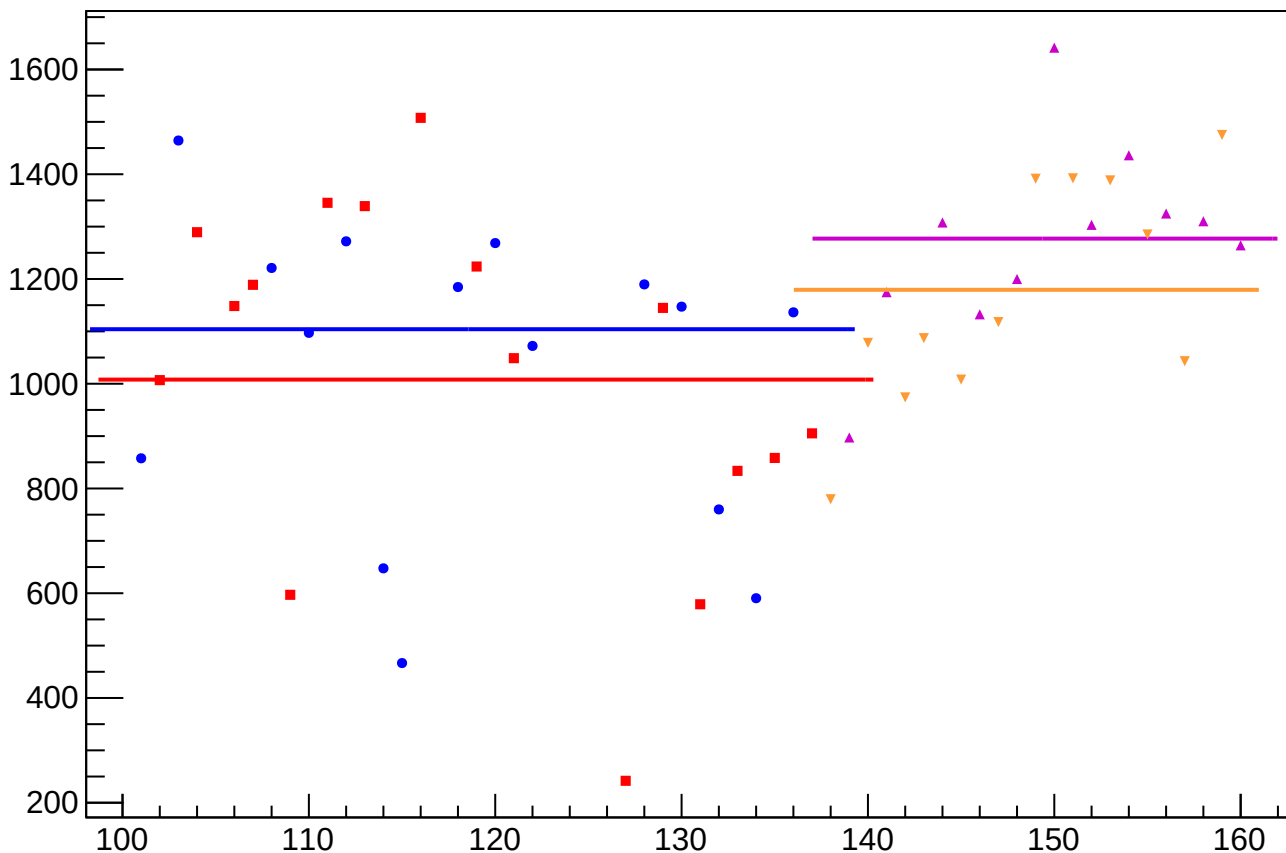
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385 $\pm$ 0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778 $\pm$ 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.383 $\pm$ 0.000 χ^2/NDF : 2618375268437967875049691021312.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

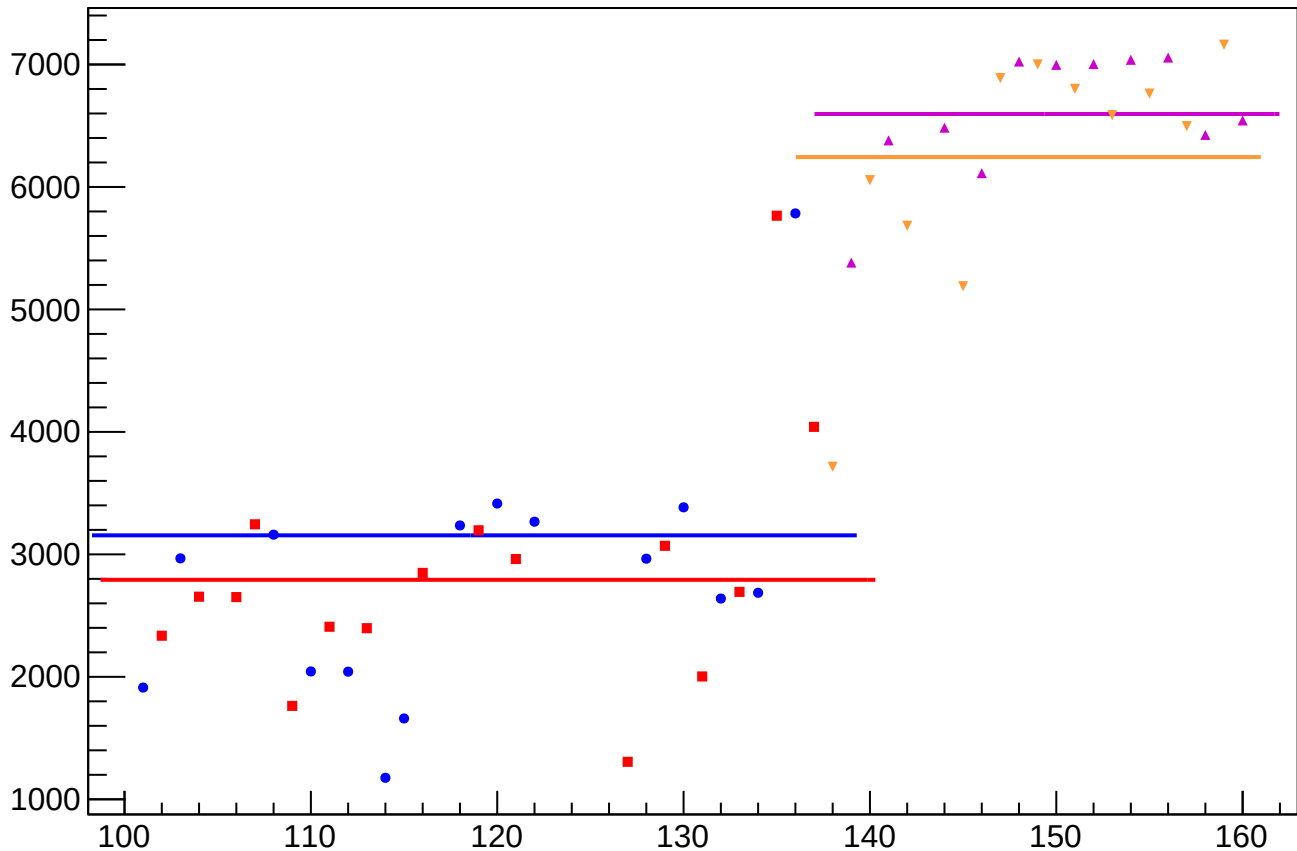
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

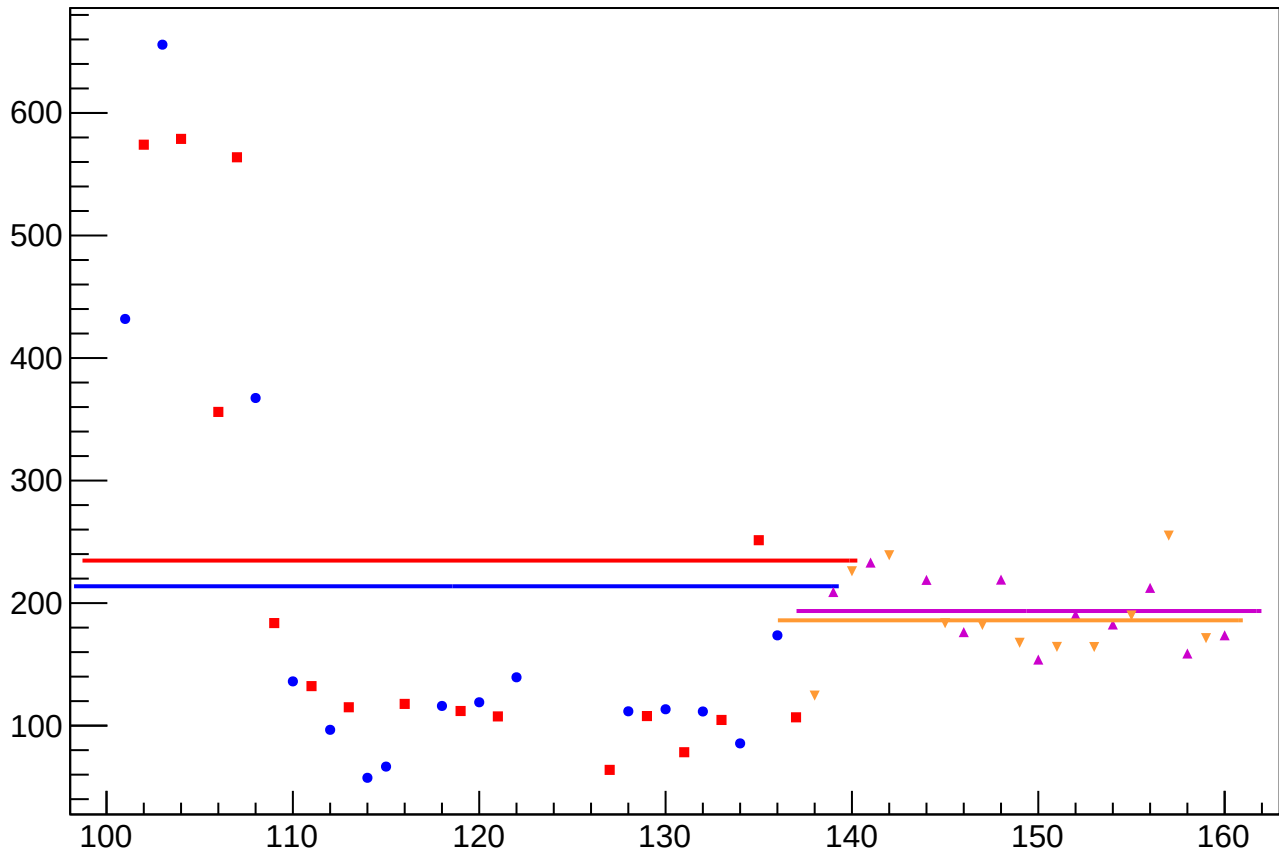
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usl_coil3_mean vs Slug



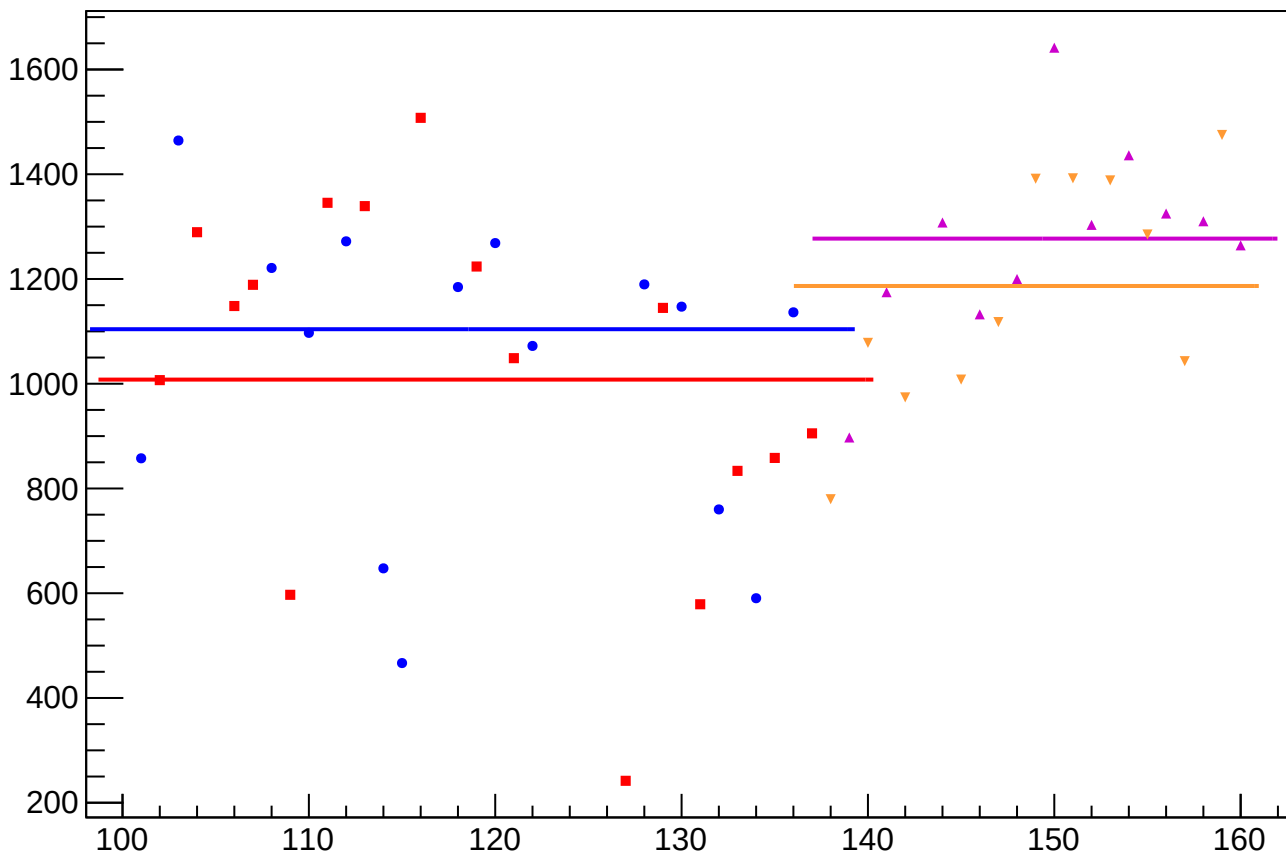
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6243.976+/-0.000 χ^2/NDF : 811230786168378302780139165688711348224.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 185.948+/-0.000 χ^2/NDF : 1057706607595767583587974846640816128.0/10
 Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF : 38127290182419373090636614603236179968.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

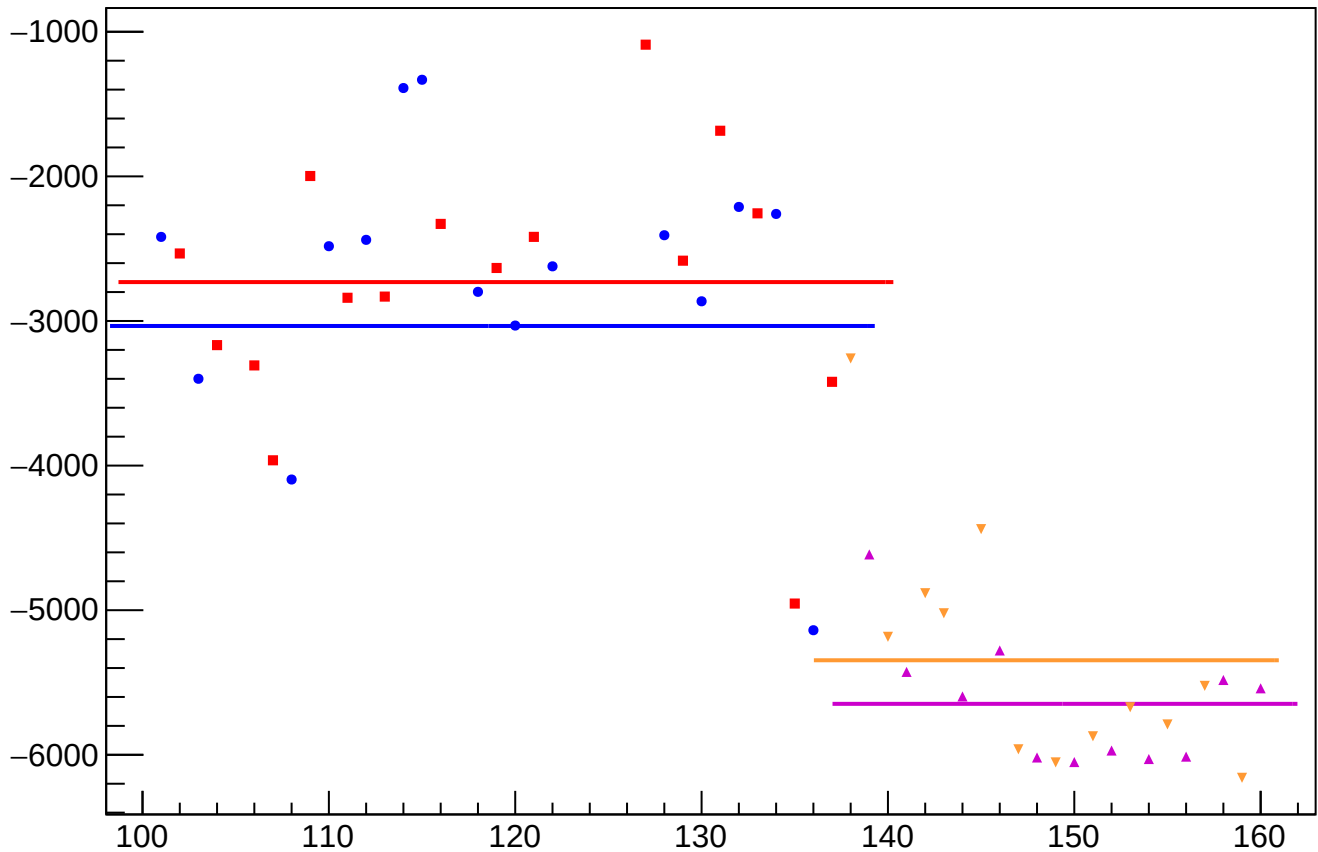
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

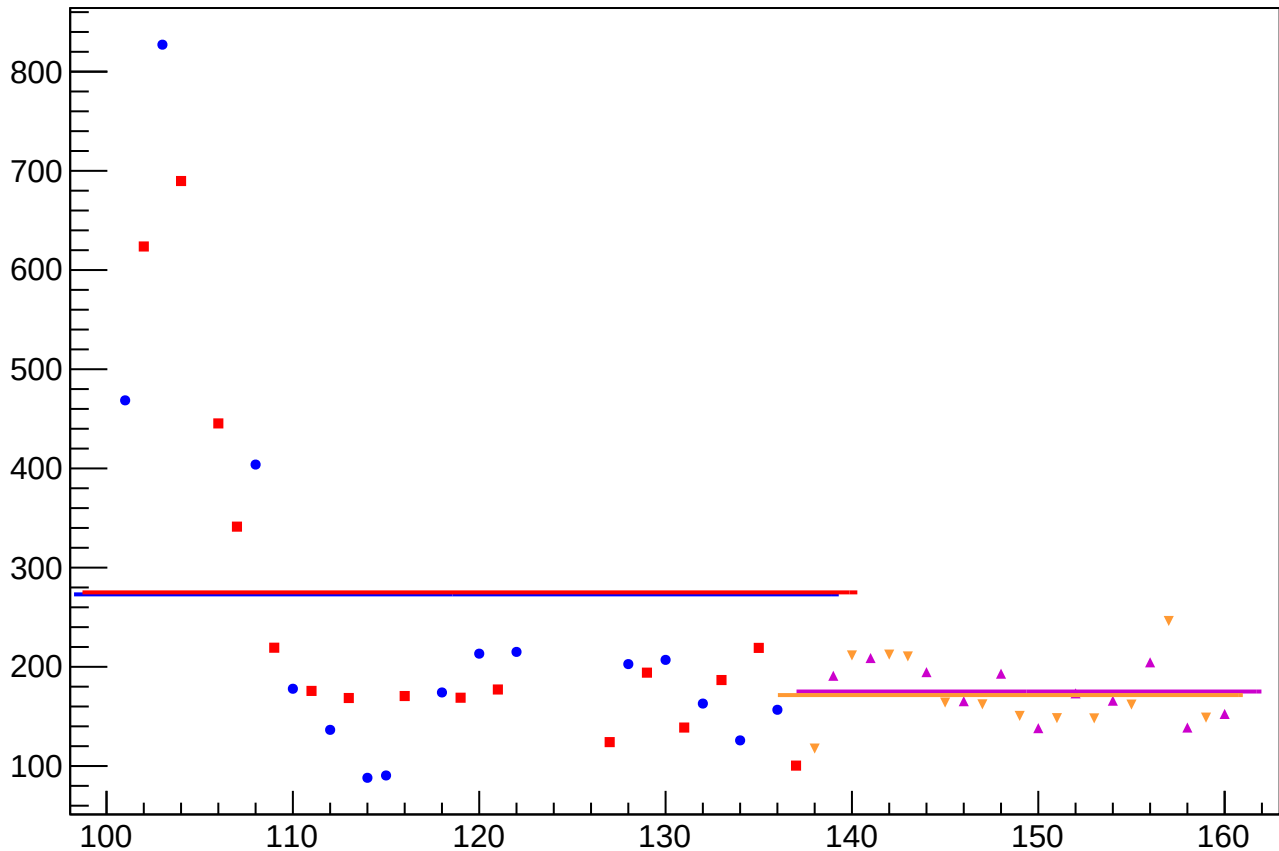
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



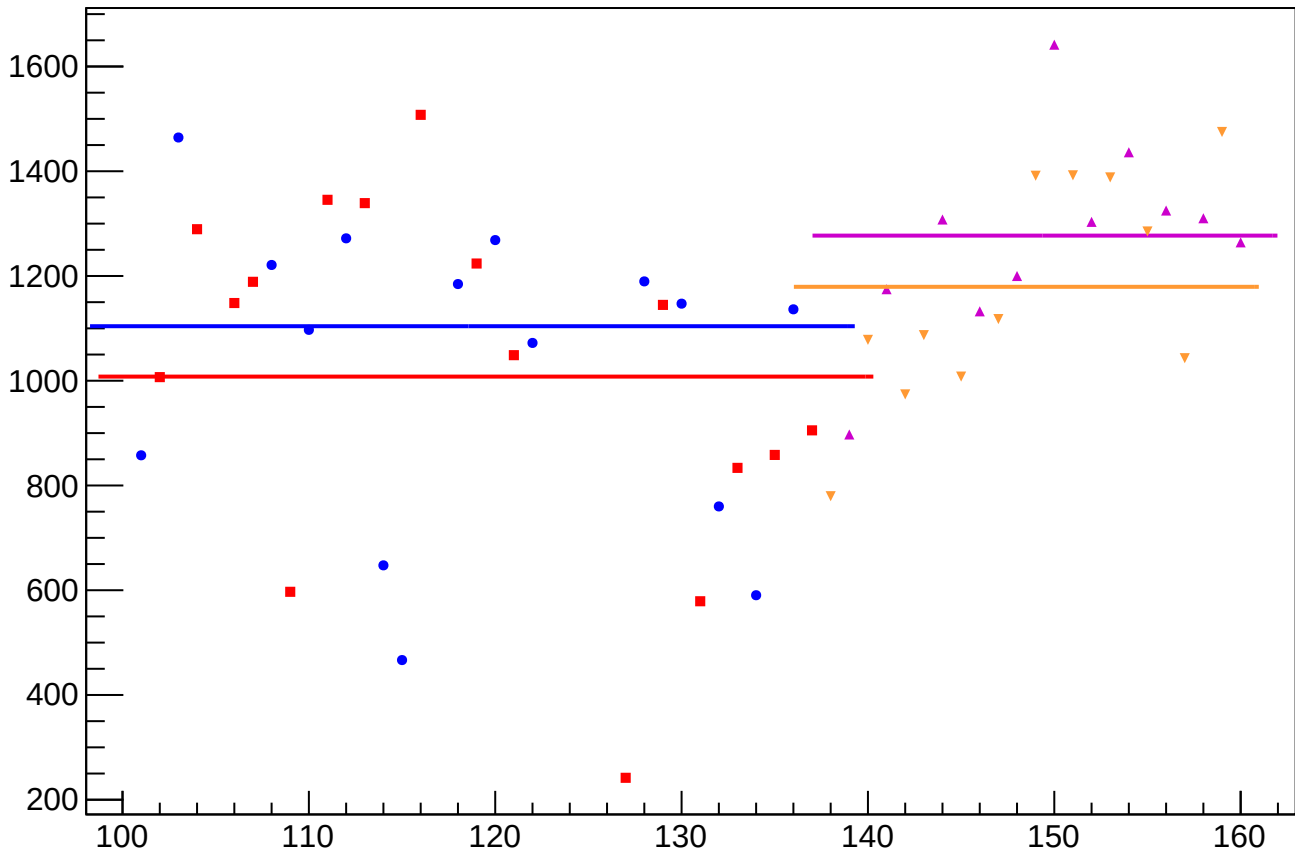
Right In: -3034.527 $\pm$ 0.000 χ^2 /NDF: 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287 $\pm$ 0.000 χ^2 /NDF: 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035 $\pm$ 0.000 χ^2 /NDF: 528290847703567991555694629239211950080.0/15
 Left In: -5647.632 $\pm$ 0.000 χ^2 /NDF: 164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 171.517+/-0.000 χ^2/NDF : 1162204446124418452265763444206075904.0/11
 Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 +/- 0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

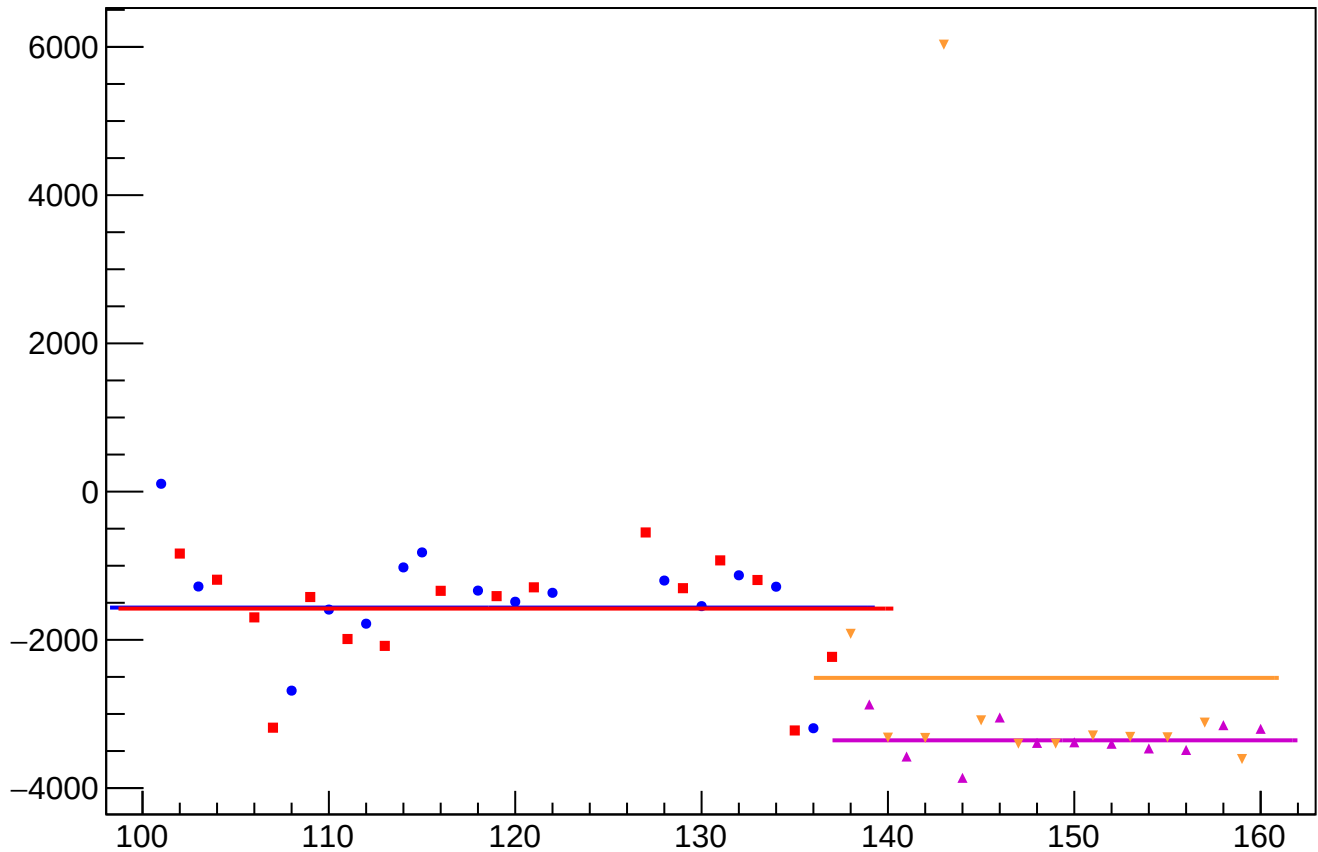
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100 +/- 0.000 χ^2/NDF : 73628368958625

All: 1156.244 +/- 0.000 χ^2/NDF : 20056102034

- sign 1164.243 +/- 0.000 χ^2/NDF : 12672719249309

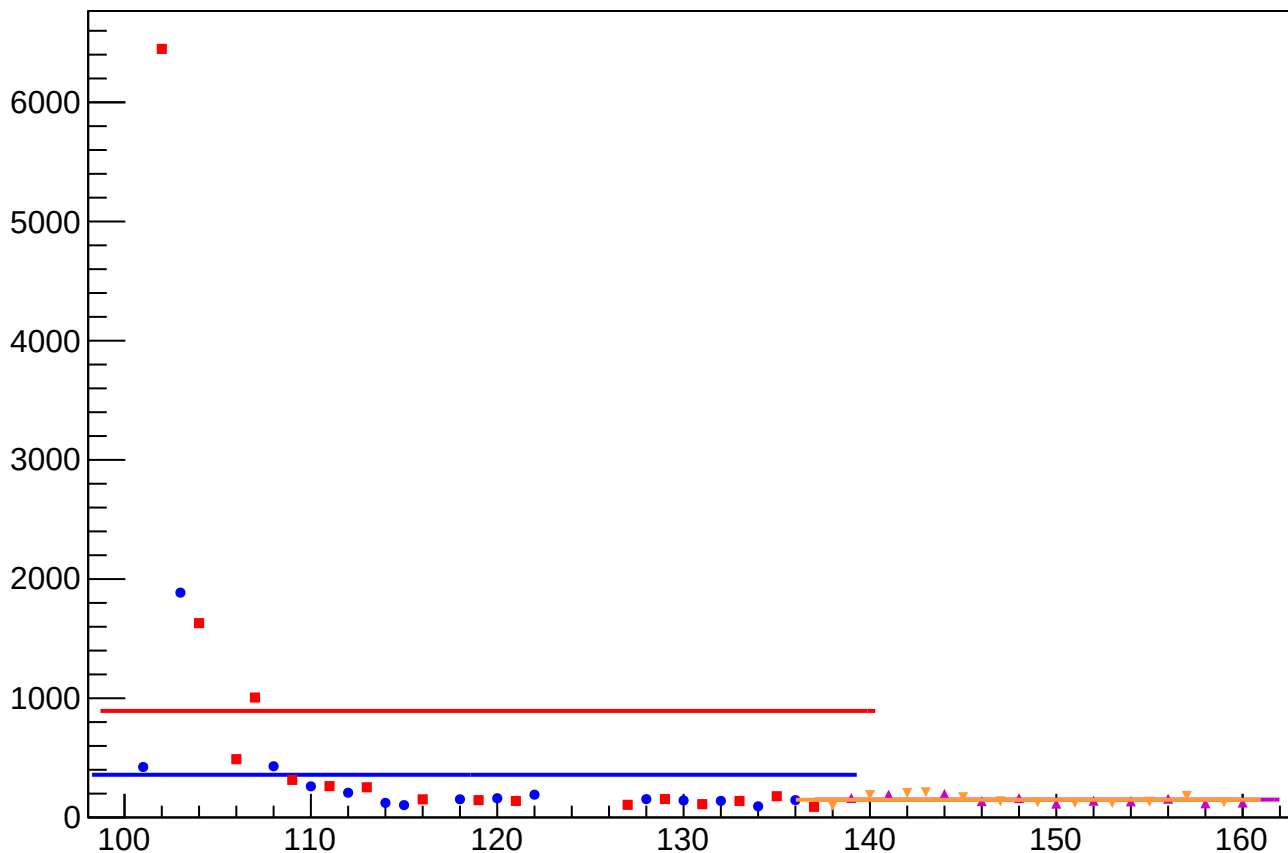
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2513.182+/-0.000	χ^2/NDF : 5431127813565364988673729418683400323072.0/11
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3355.712+/-0.000	χ^2/NDF : 61603128430044333980990125877093203968.0/10

+ sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



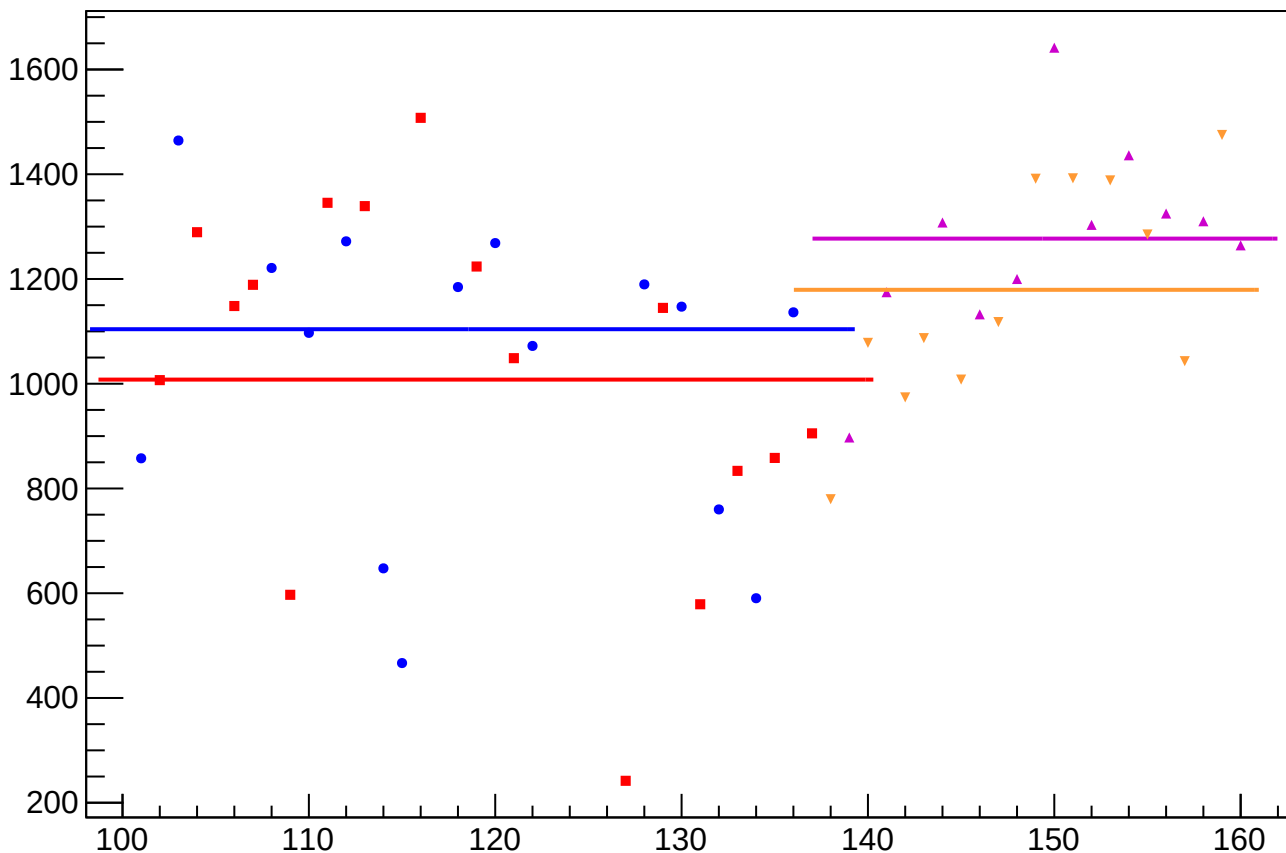
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

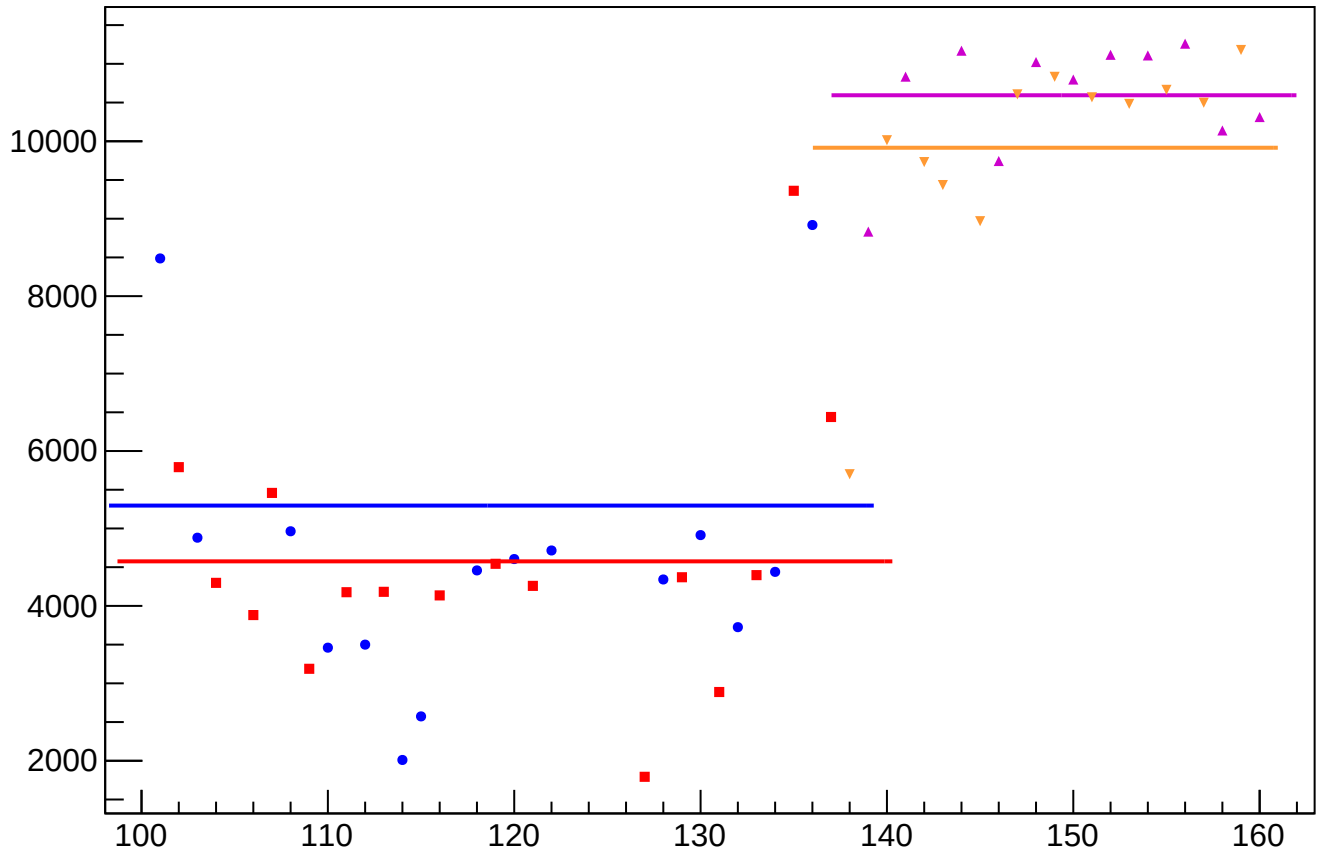
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

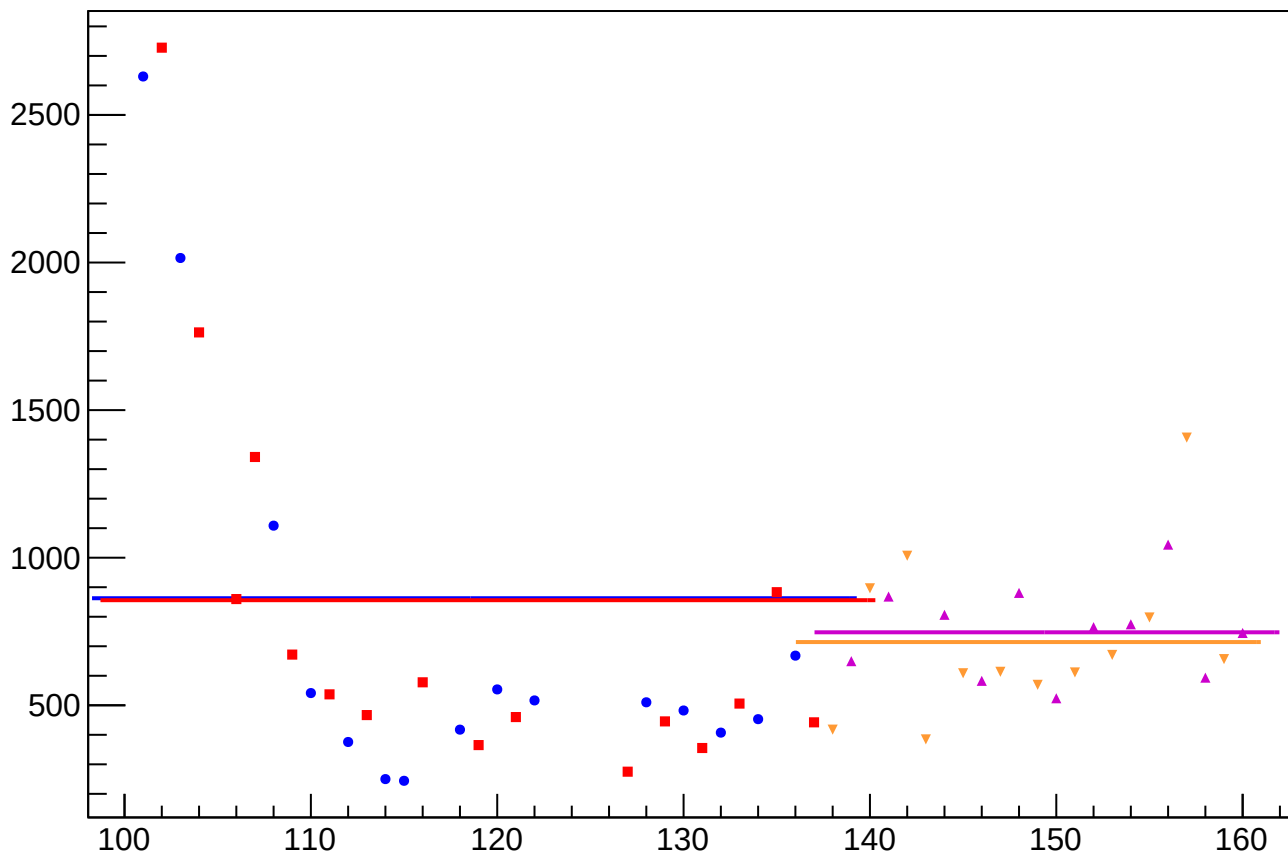
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420+/-0.000 χ^2/NDF : 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095+/-0.000 χ^2/NDF : 469955671378487676963254464485150162944.0/10

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 714.221+/-0.000 χ^2/NDF : 63936823657083124140922251637065515008.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

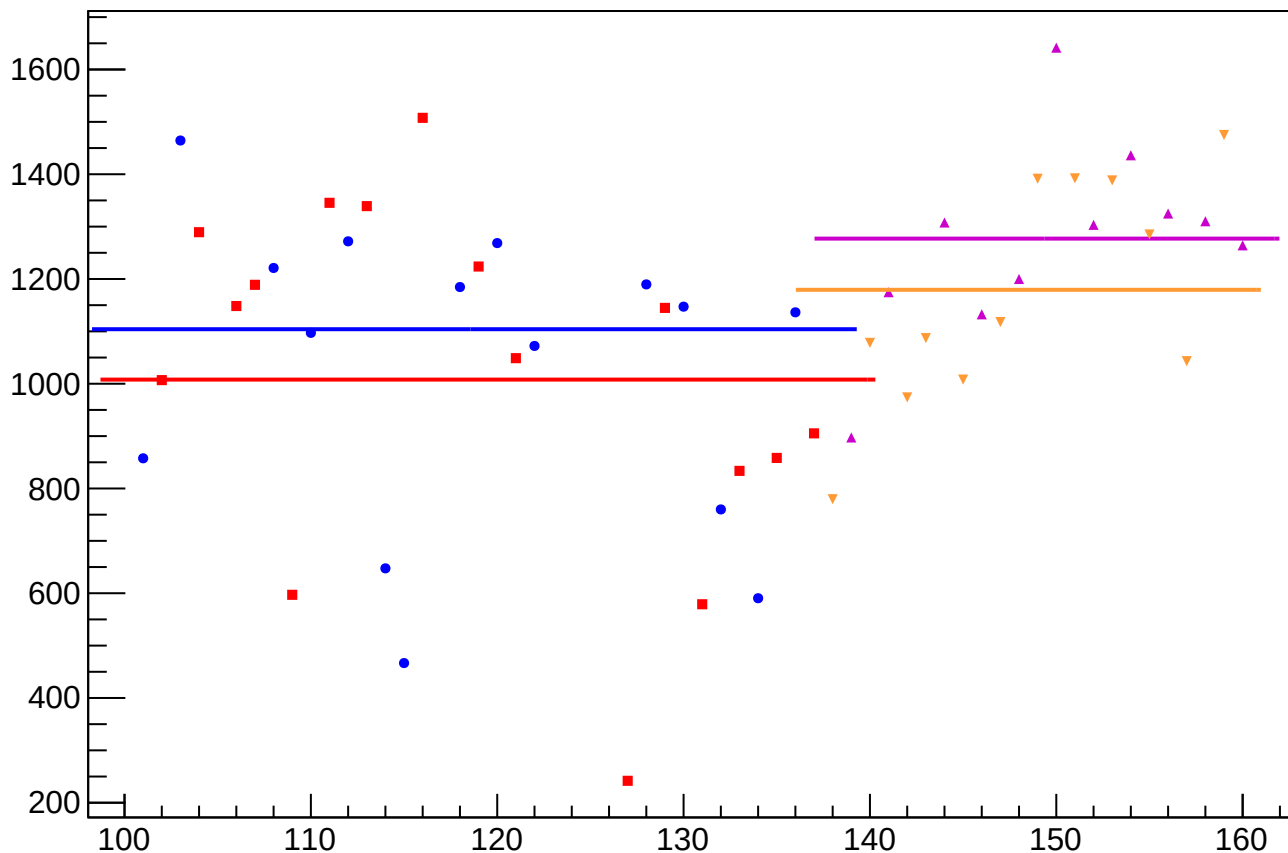
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 775.866+/-0.000 χ^2/NDF : 409985766107580

All: 784.449+/-0.000 χ^2/NDF : 76167219523

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

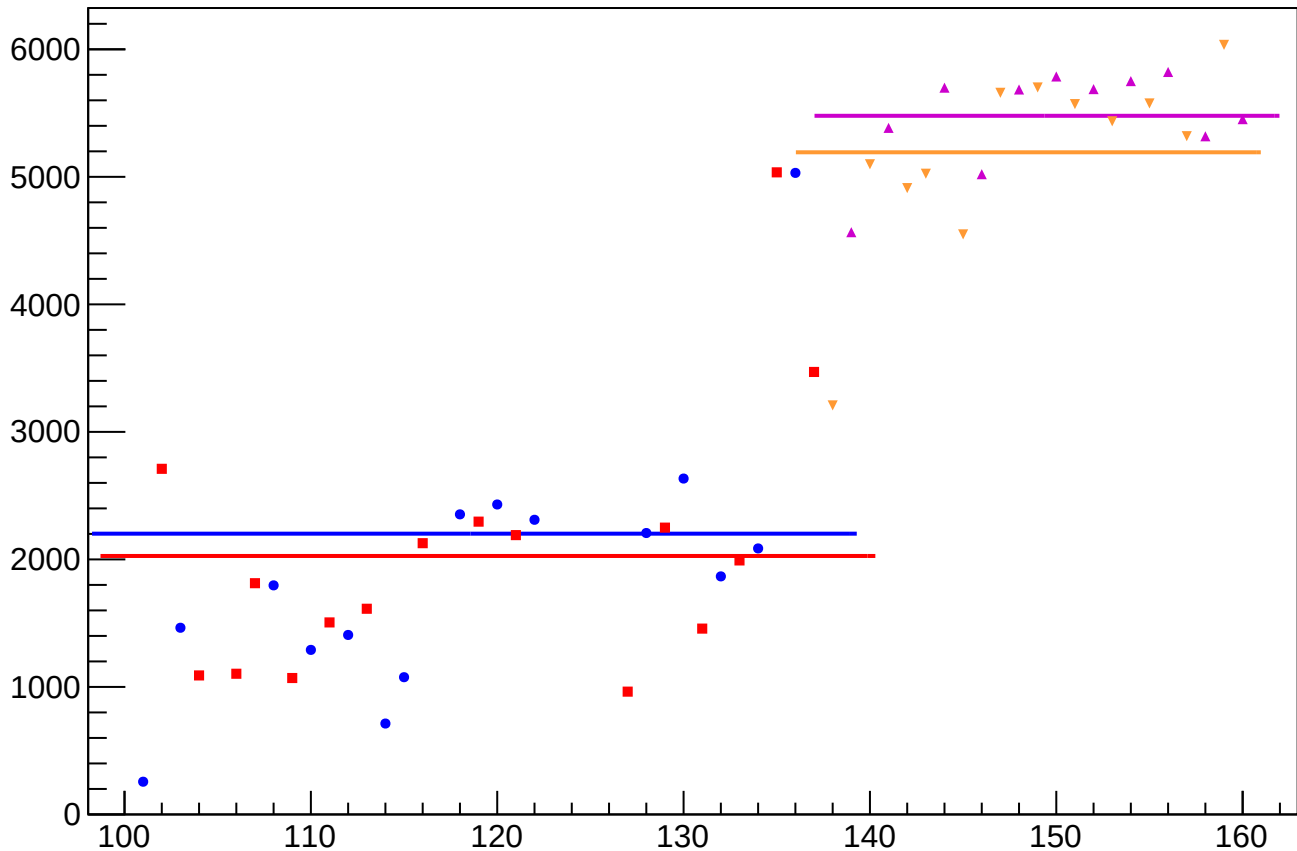
All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

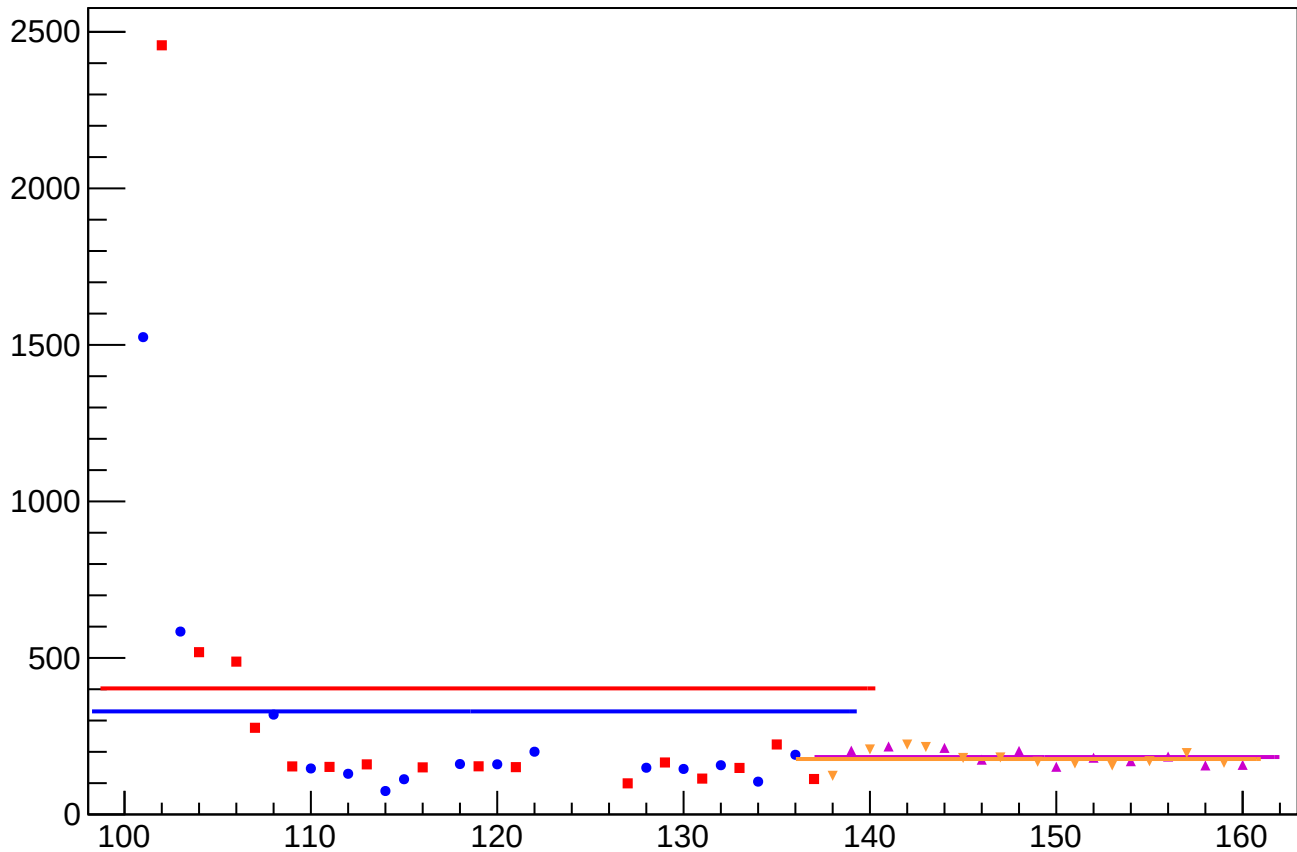
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476+/-0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713+/-0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



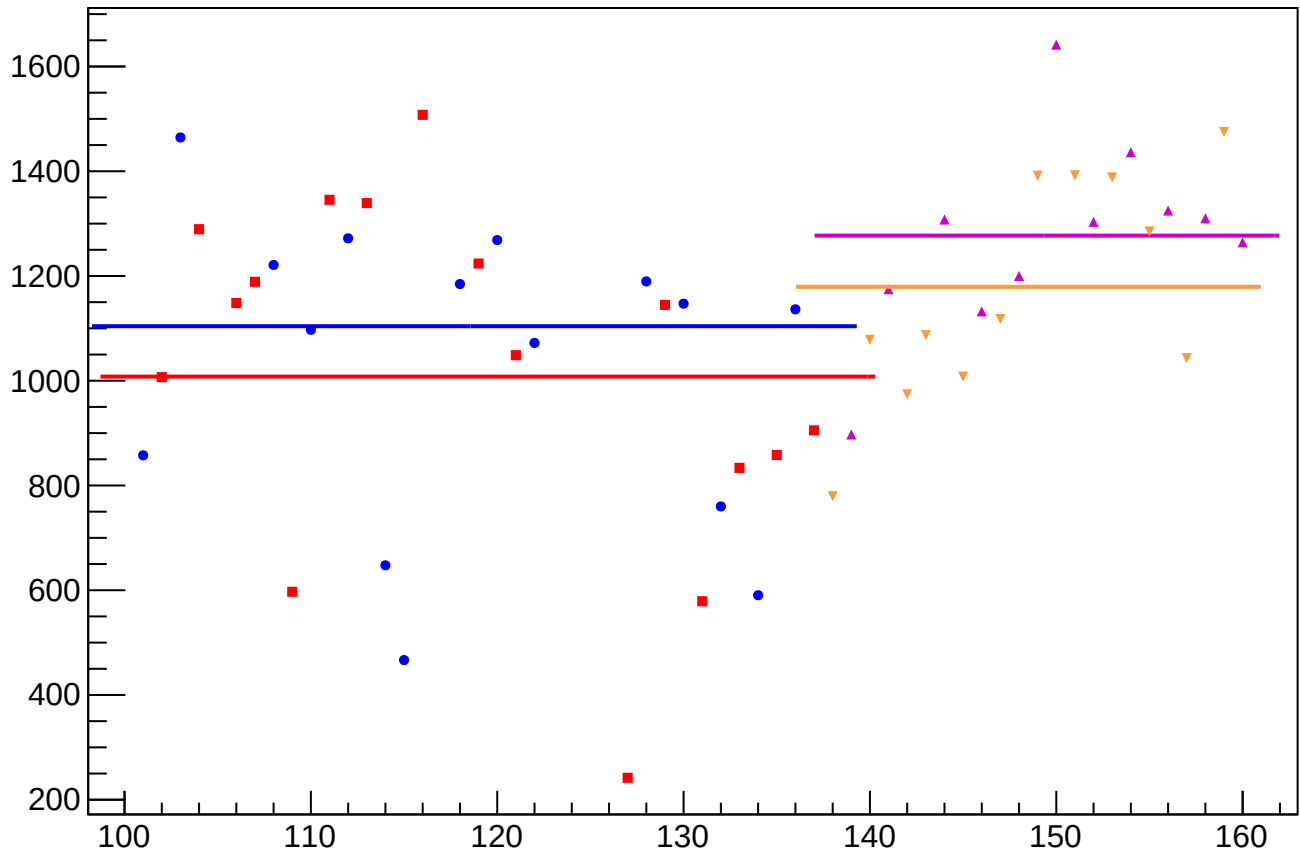
Right In: 329.229+/-0.000	χ^2/NDF : 103285029091922742033837903437132464128.0/14
Left Out: 177.101+/-0.000	χ^2/NDF : 604256347376555065664943941601984512.0/11
Right Out: 402.690+/-0.000	χ^2/NDF : 277636056793293374242116053515003494400.0/15
Left In: 183.411+/-0.000	χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF : 112672514913123

All: 257.960+/-0.000 χ^2/NDF : 41035727361

- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

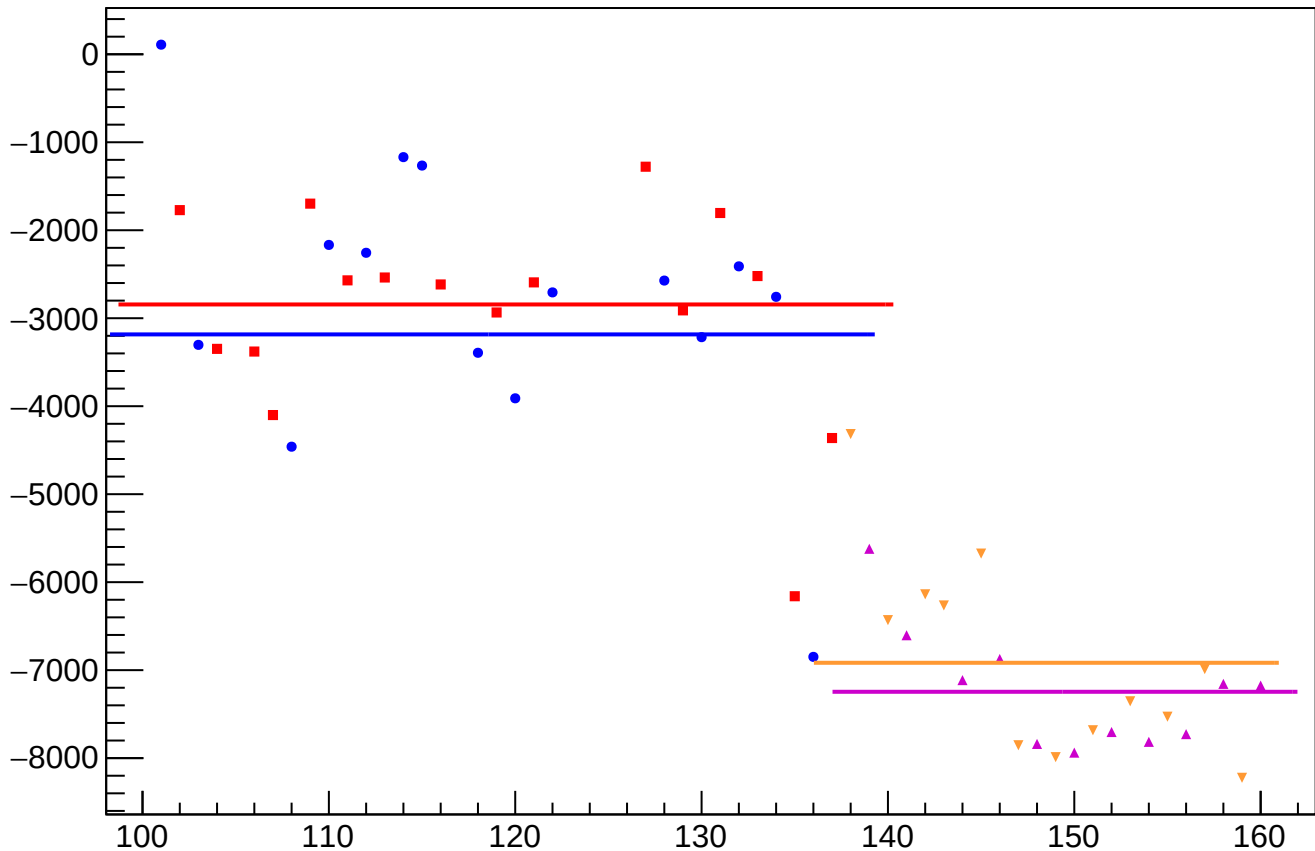
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

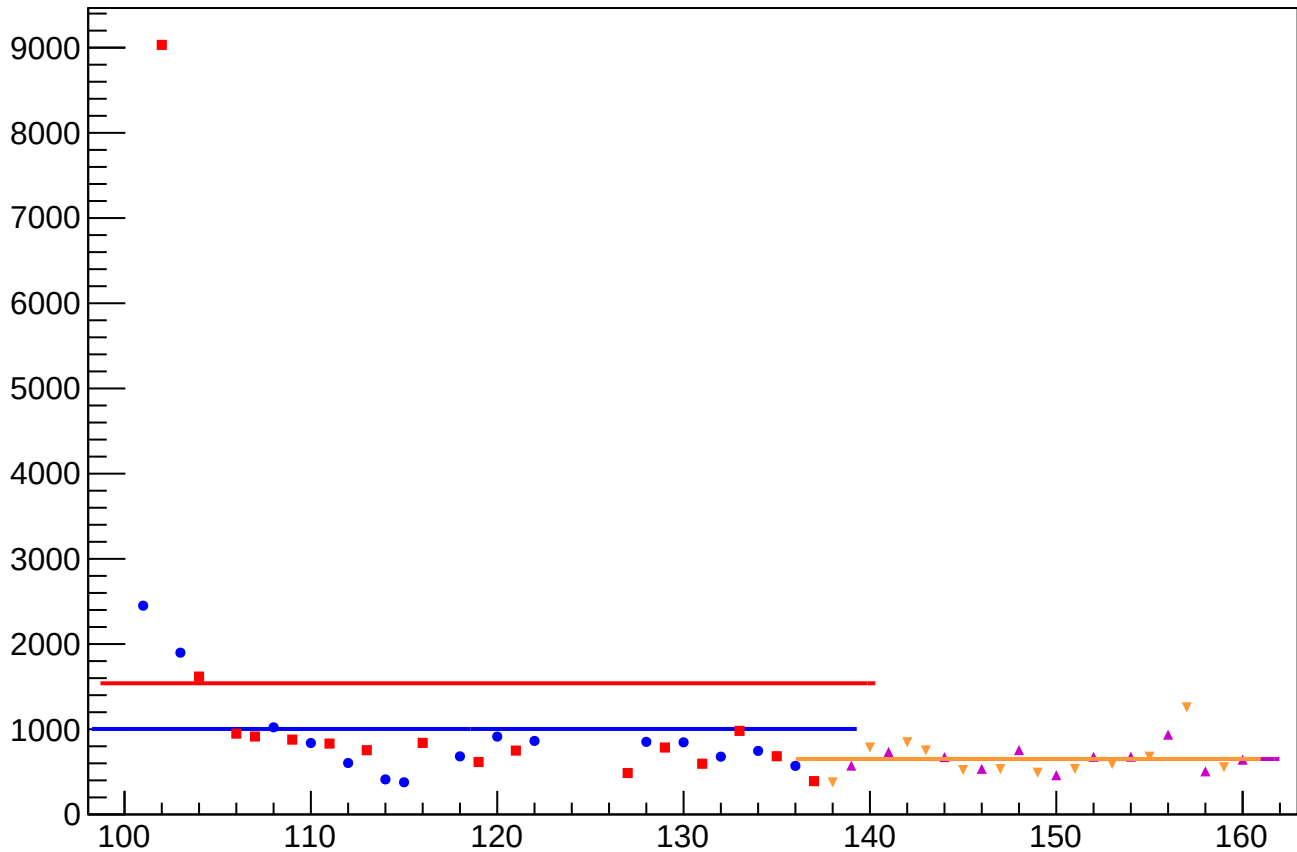
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr2_coil3_mean vs Slug



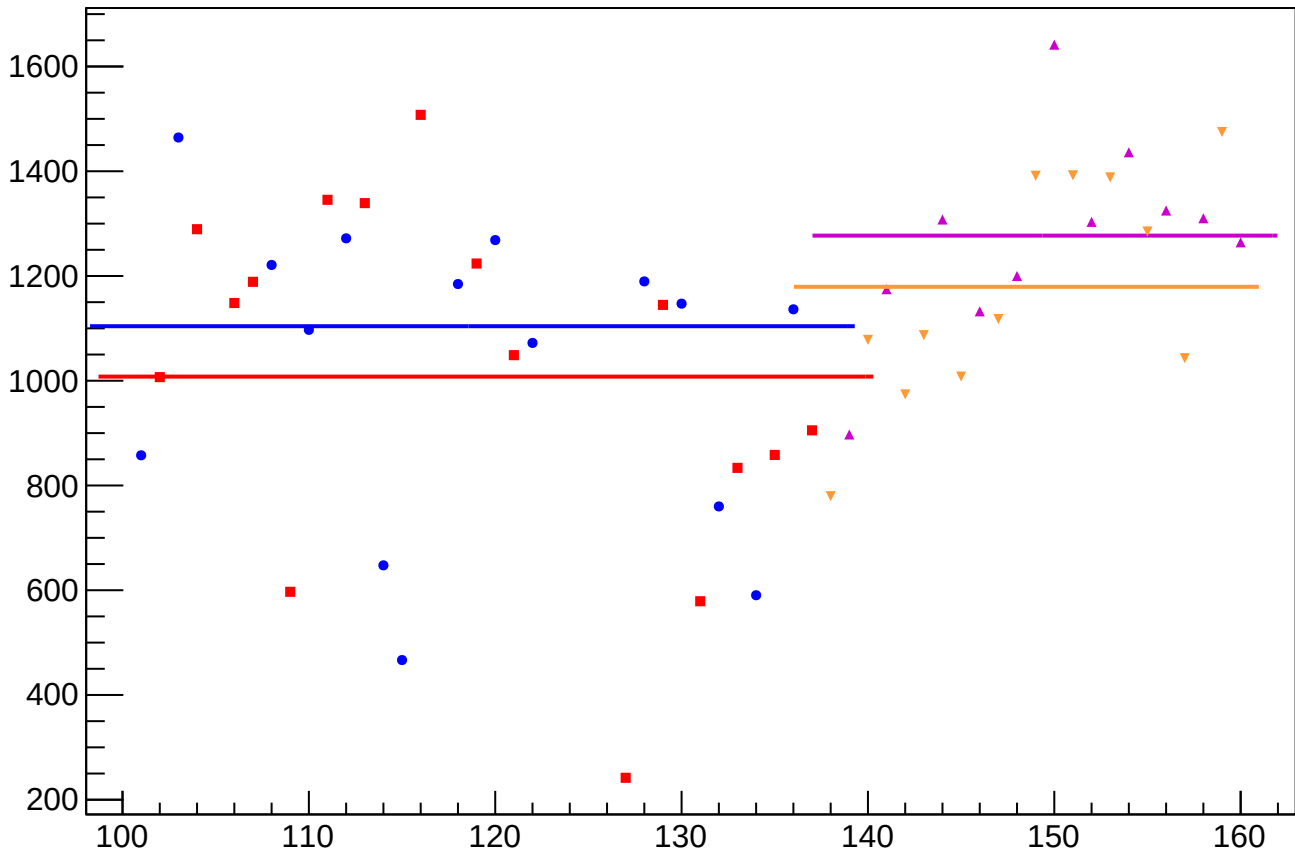
Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6916.269+/-0.000 χ^2/NDF : 1116807093678978049721043579861444067328.0/11
 Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7245.920+/-0.000 χ^2/NDF : 401760462783969098772010925007315140608.0/10

dit_atr2_coil3_err_mean vs Slug

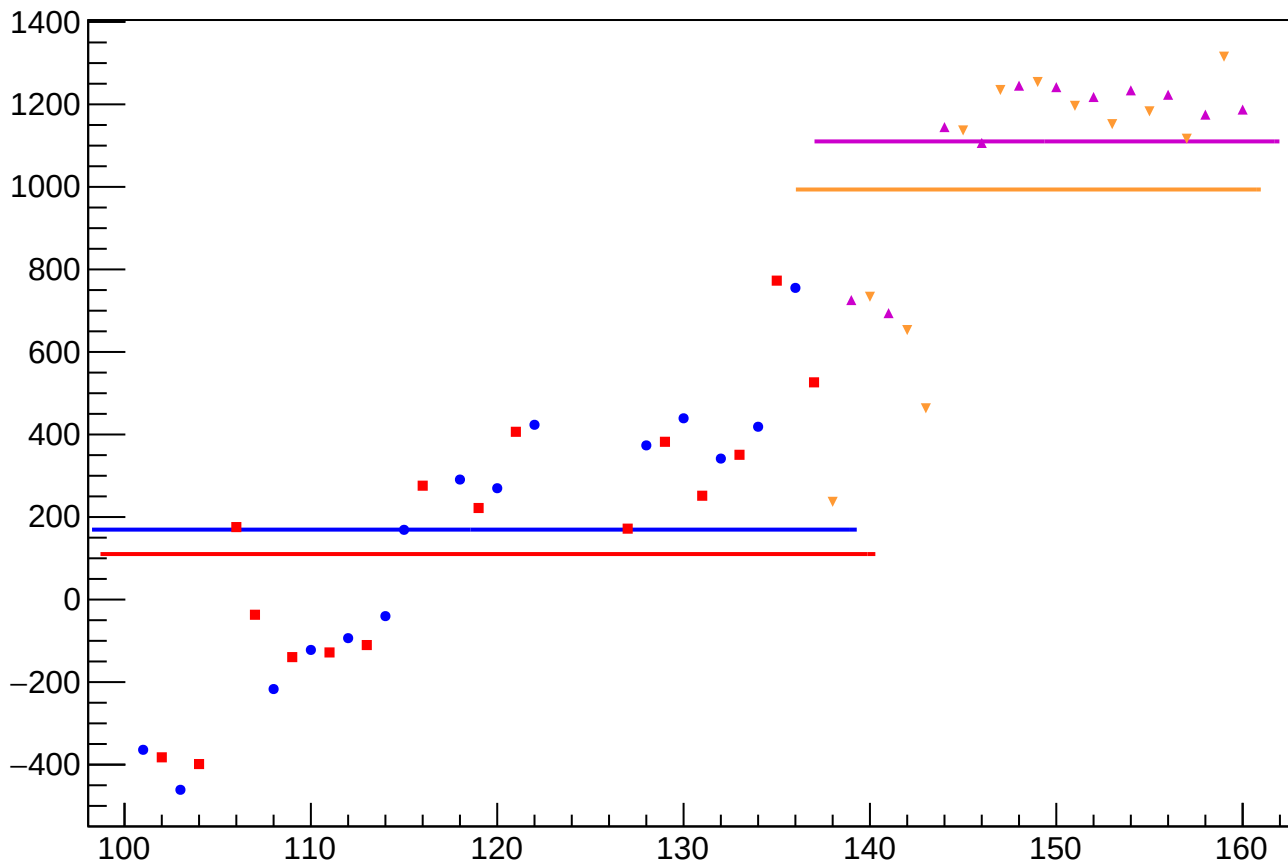


Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11
 Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

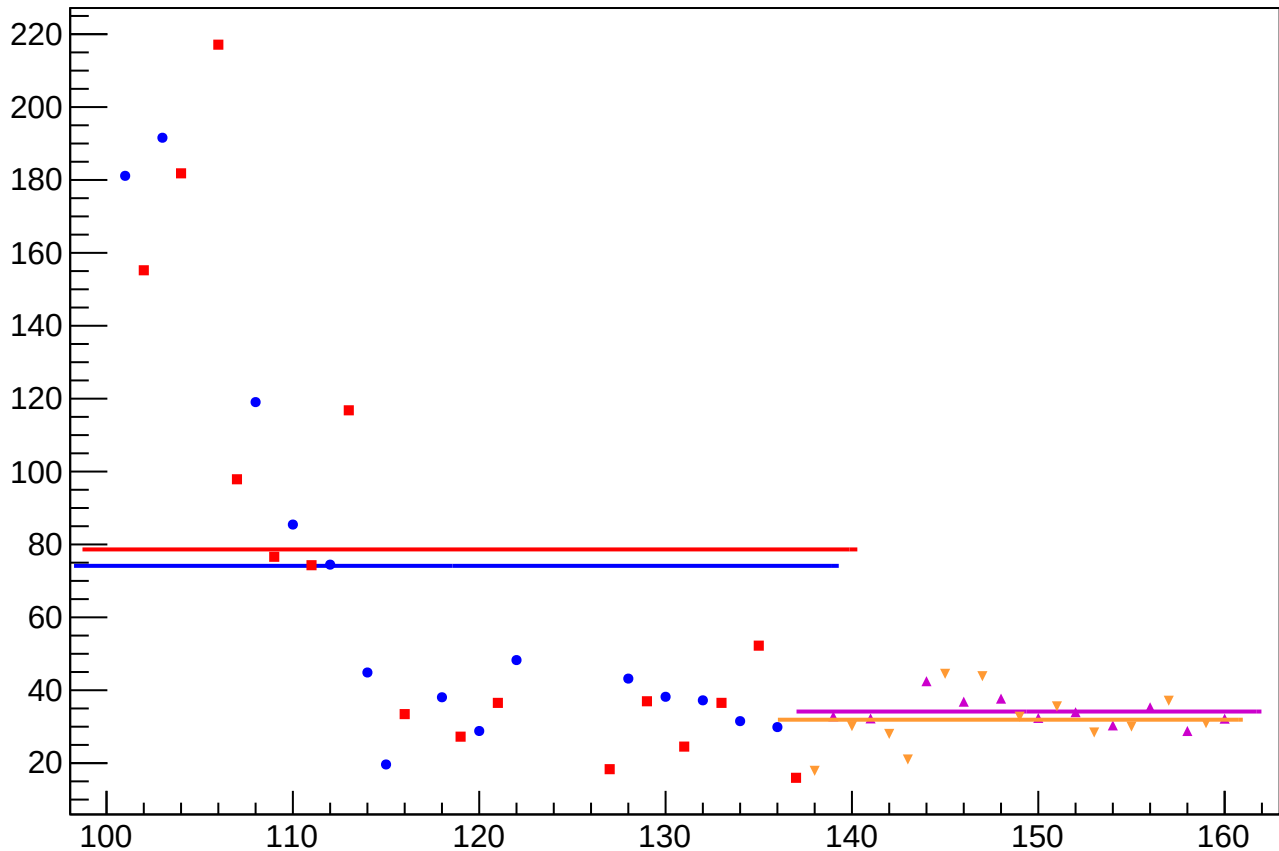
All: 671.406+/-0.000 χ^2/NDF : 951499306925

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129 $\pm$ 0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916 $\pm$ 0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633 $\pm$ 0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

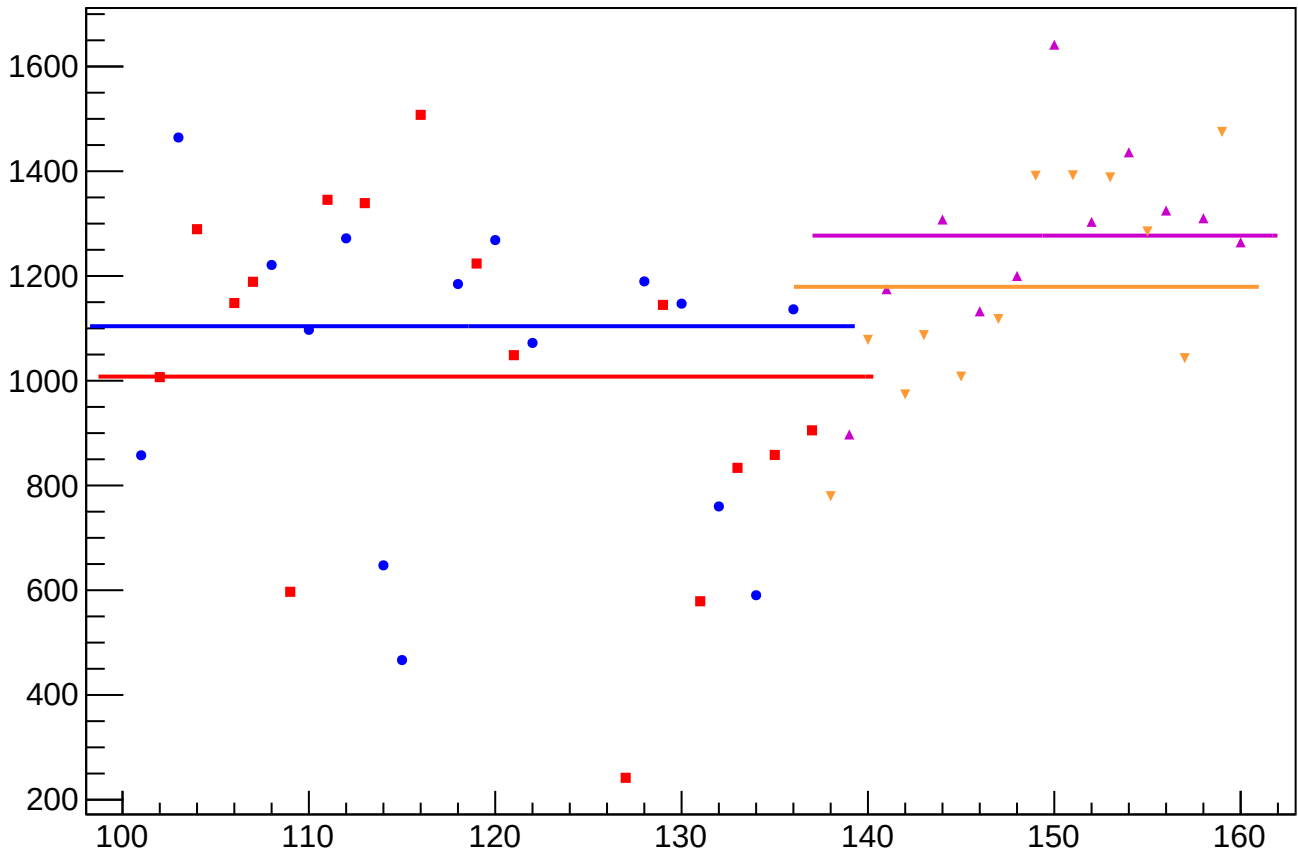
Left In: 34.158 $\pm$ 0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444 $\pm$ 0.000 χ^2/NDF : 2897043511629601

All: 51.139 $\pm$ 0.000 χ^2/NDF : 6027926549606240.0/15

- sign 52.804 $\pm$ 0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

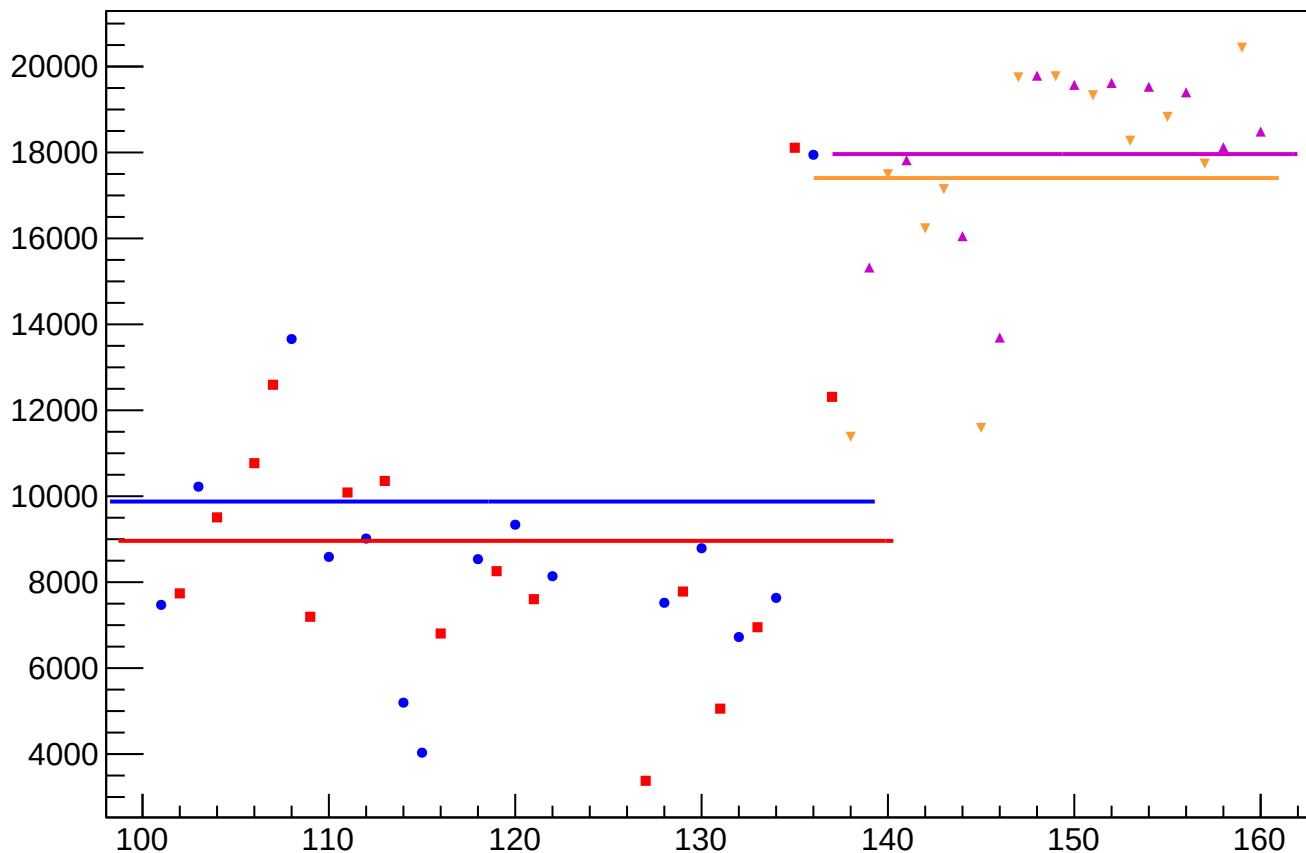
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

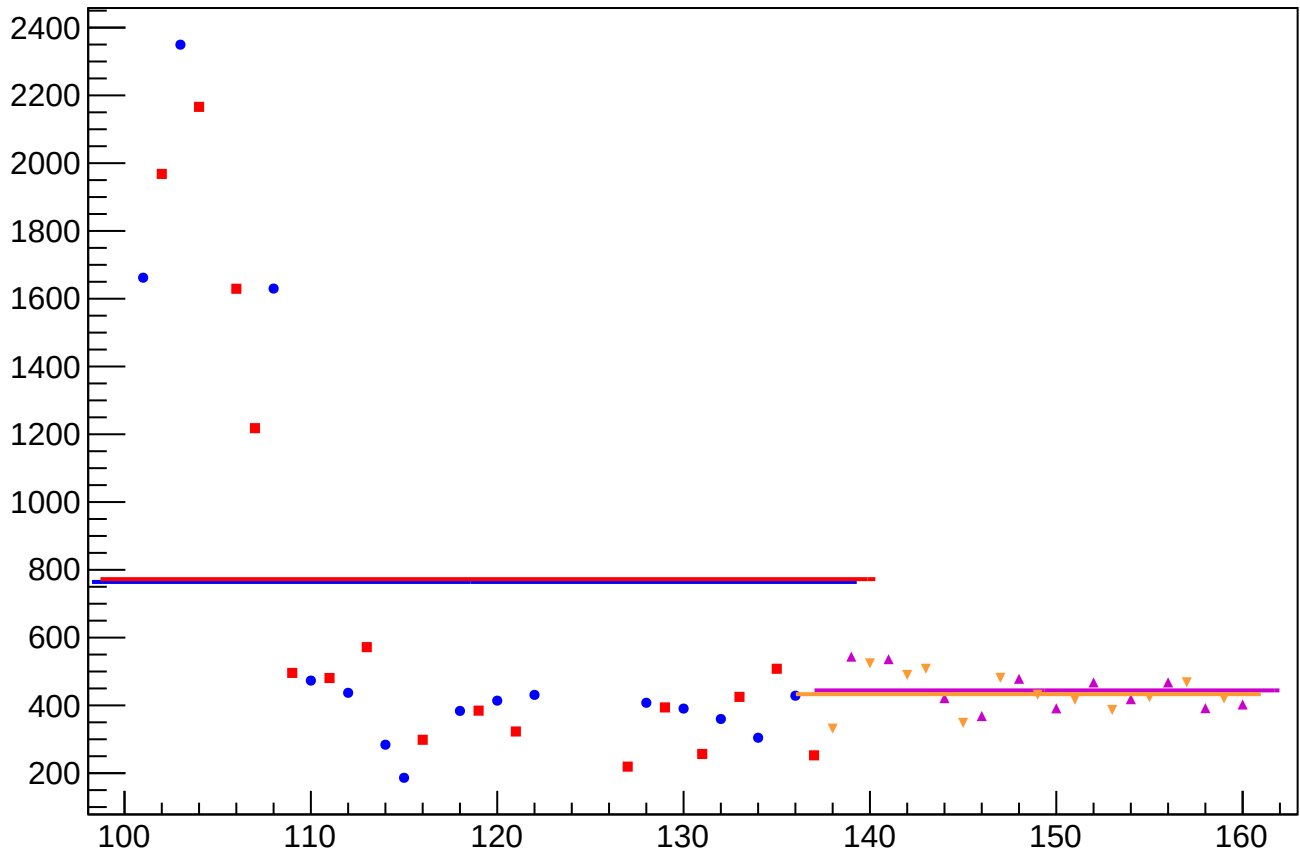
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000	χ^2/NDF : 8483360287053054122301651905797133697024.0/14	+ sign 14279.004+/-0.000	χ^2/NDF : 3768368481481
Left Out: 17405.049+/-0.000	χ^2/NDF : 7689801671099378791544545422175664865280.0/11	All: 14233.622+/-0.000	χ^2/NDF : 8022211512
Right Out: 8961.593+/-0.000	χ^2/NDF : 7583728644146461427304320888408335450112.0/15	- sign 14189.038+/-0.000	χ^2/NDF : 4253204880235
Left In: 17962.529+/-0.000	χ^2/NDF : 3564698291142811133043344688261317525504.0/10		

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 433.079+/-0.000 χ^2/NDF : 3070370524438239159273190119476035584.0/11

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

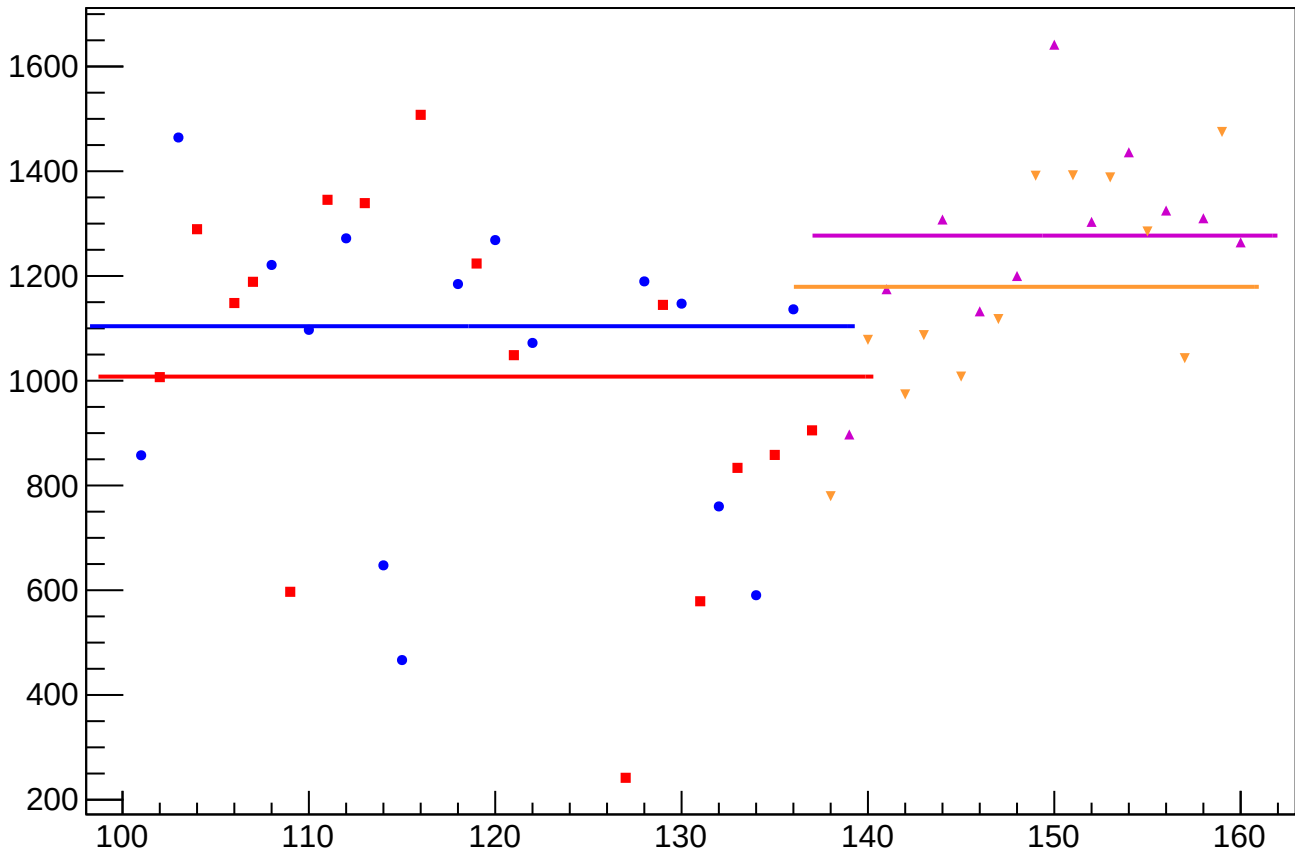
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ sign 570.604+/-0.000 χ^2/NDF : 335667061264854

All: 576.292+/-0.000 χ^2/NDF : 666328037619

- sign 581.880+/-0.000 χ^2/NDF : 330560730510906

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

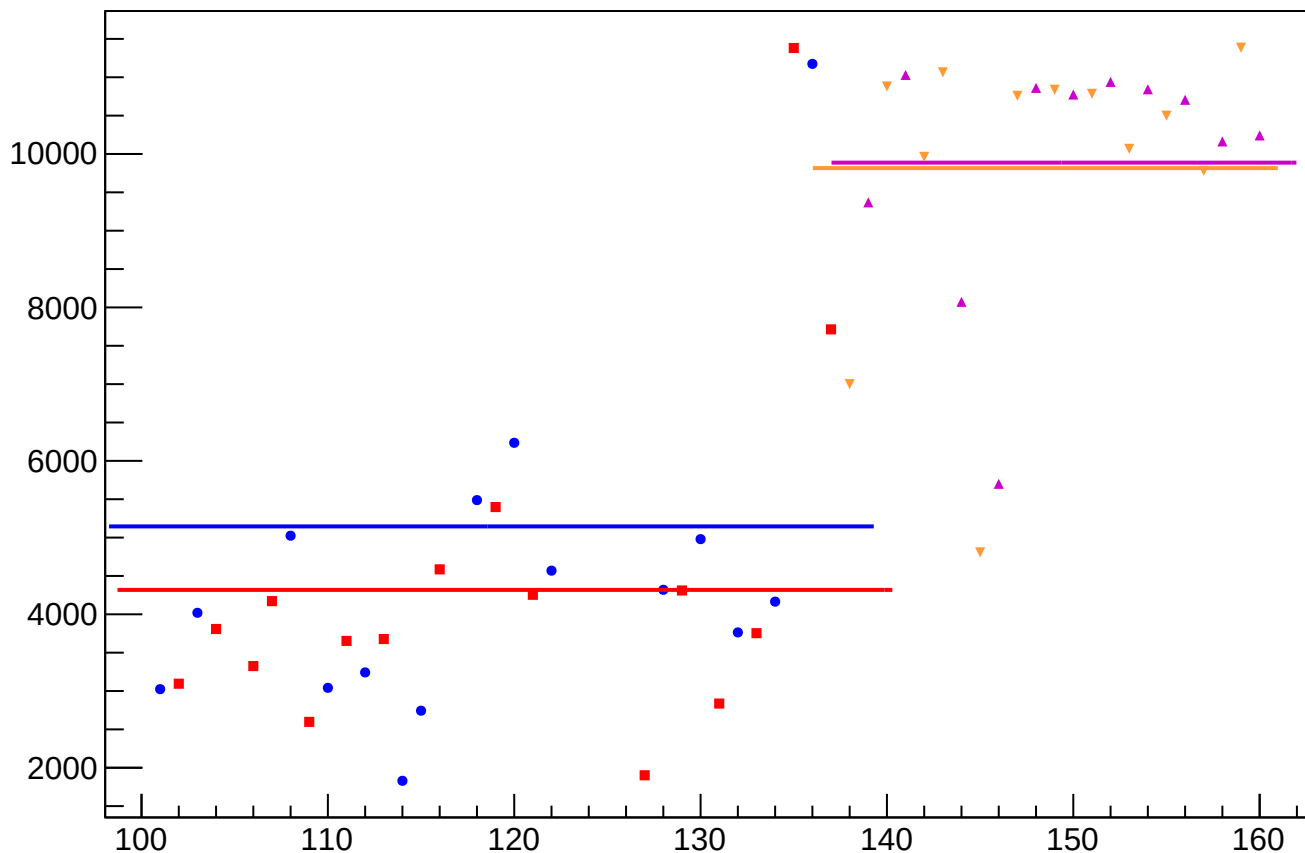
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

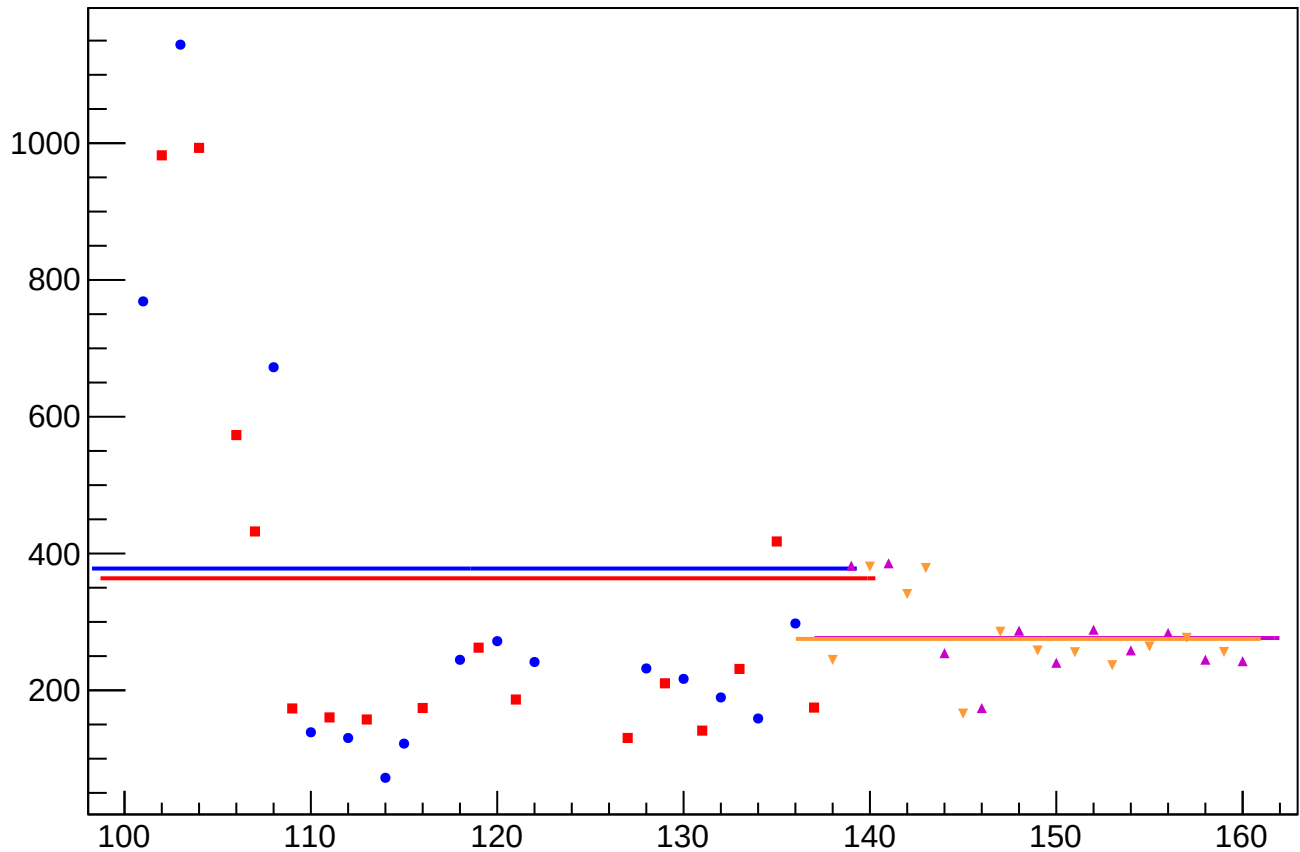
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000	χ^2/NDF : 4272867262459372237810540195851662262272.0/14	+ sign 7876.592+/-0.000	χ^2/NDF : 15792133720732
Left Out: 9815.736+/-0.000	χ^2/NDF : 3242126212507286714618316704208262266880.0/11	All: 7713.049+/-0.000	χ^2/NDF : 33512301235
Right Out: 4318.126+/-0.000	χ^2/NDF : 3345176554564755427312533888908526616576.0/15	- sign 7552.383+/-0.000	χ^2/NDF : 17637293606384
Left In: 9887.069+/-0.000	χ^2/NDF : 2278516780225824082632420288802127347712.0/10		

dit_sam3_coil3_err_mean vs Slug



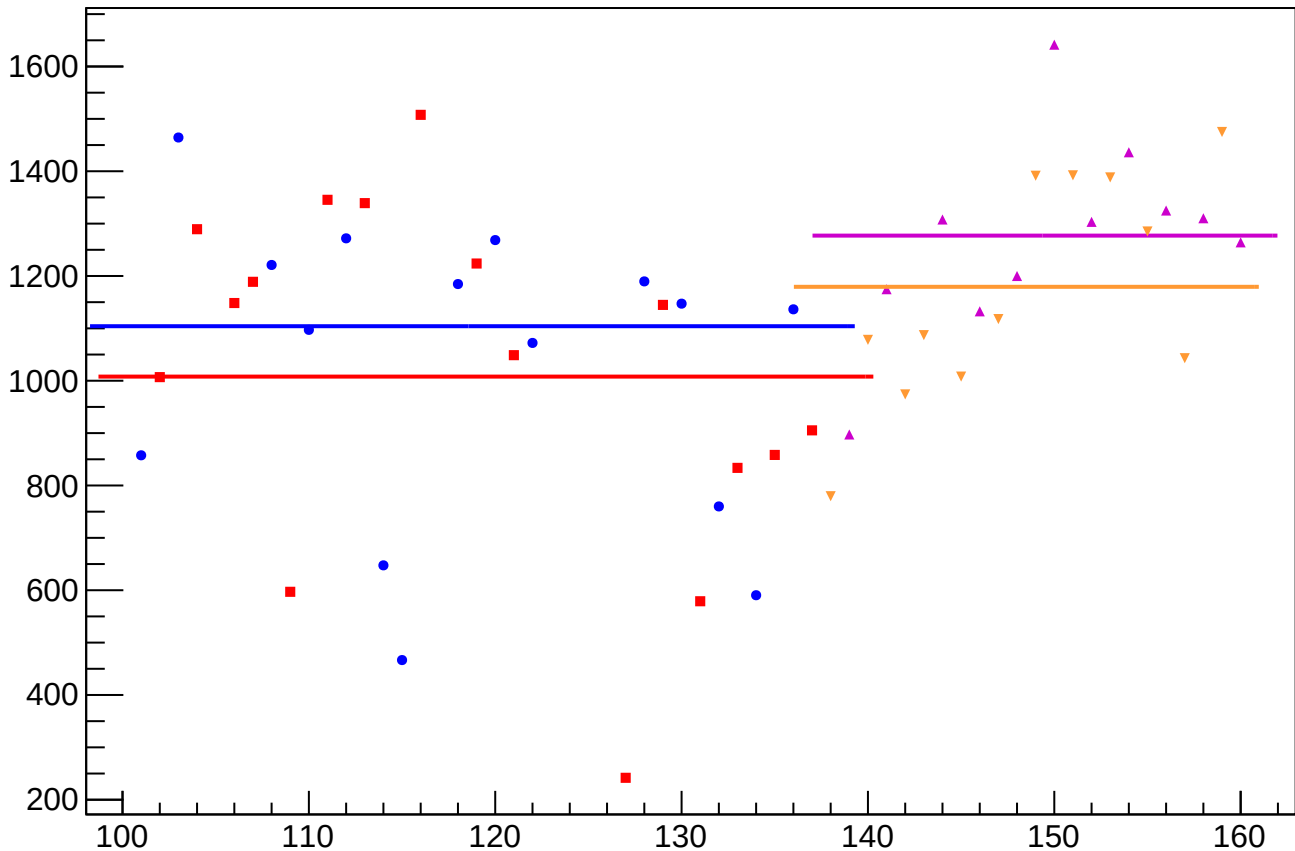
Right In: 378.052 $\pm$ 0.000 χ^2 /NDF: 61516590022593053040860760861331947520.0/14

Left Out: 275.181 $\pm$ 0.000 χ^2 /NDF: 3063973924838483752648023856495198208.0/11

Right Out: 363.772 $\pm$ 0.000 χ^2 /NDF: 59031337484709801804181439342706688000.0/15

Left In: 276.429 $\pm$ 0.000 χ^2 /NDF: 3176476969276554988209041450490396672.0/10

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

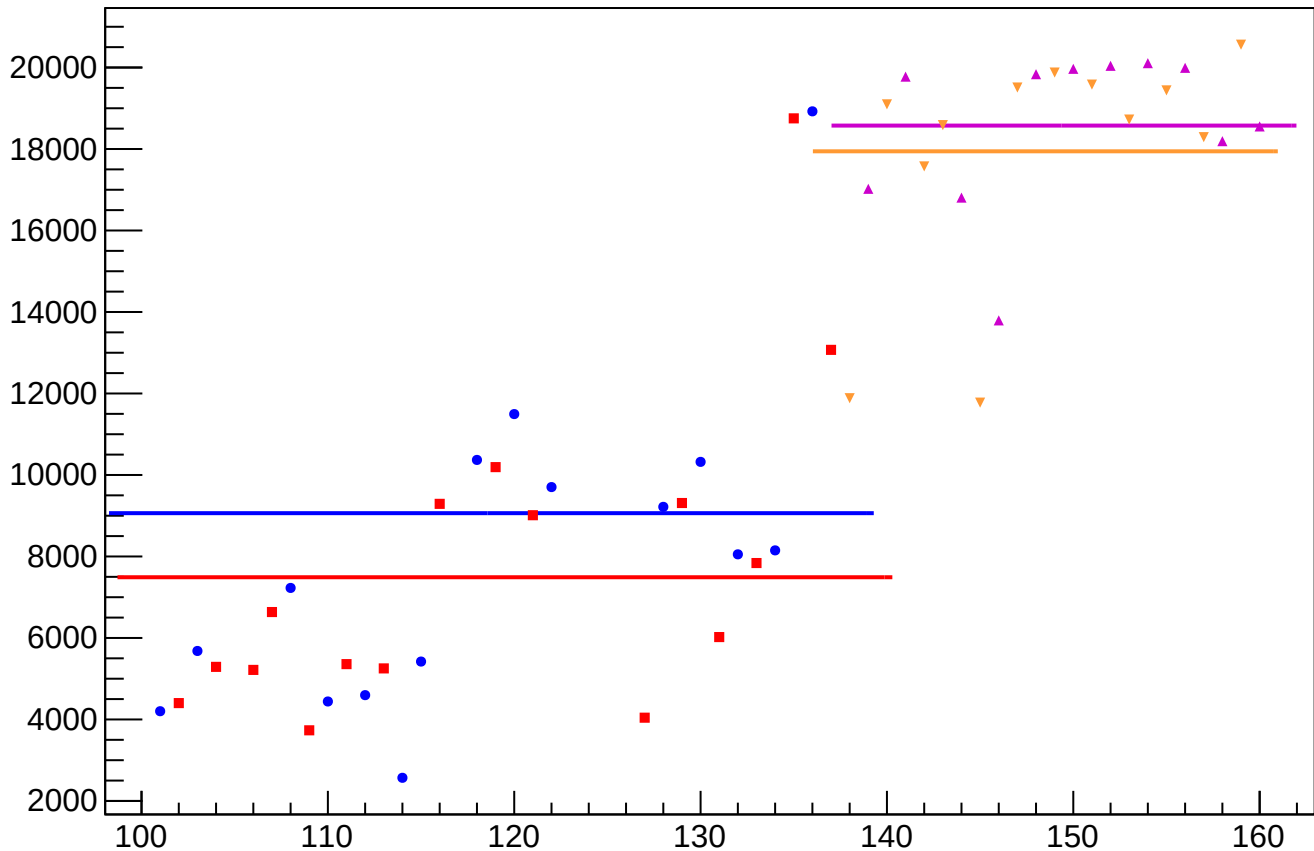
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

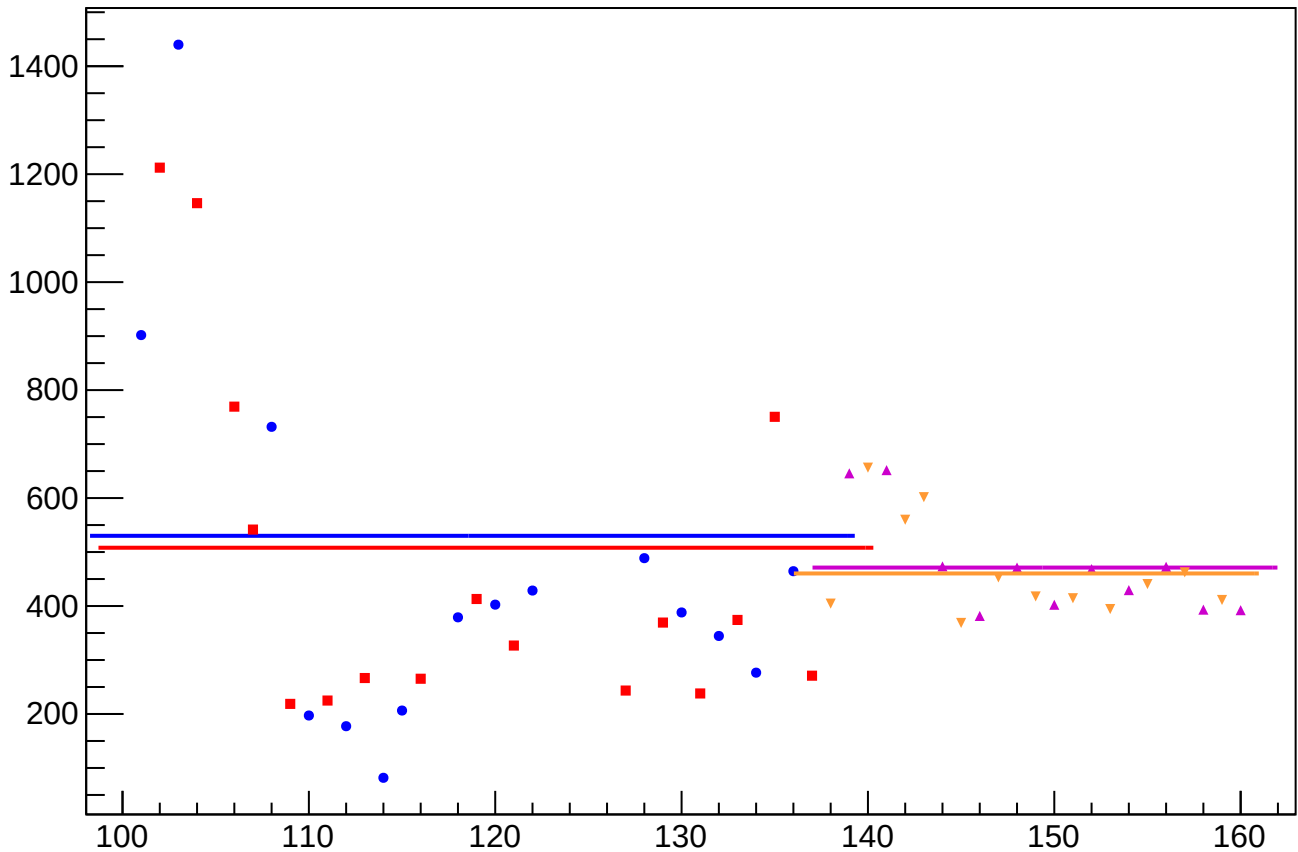
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17943.531+/-0.000 χ^2/NDF : 7473617733274816603280469921274378846208.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



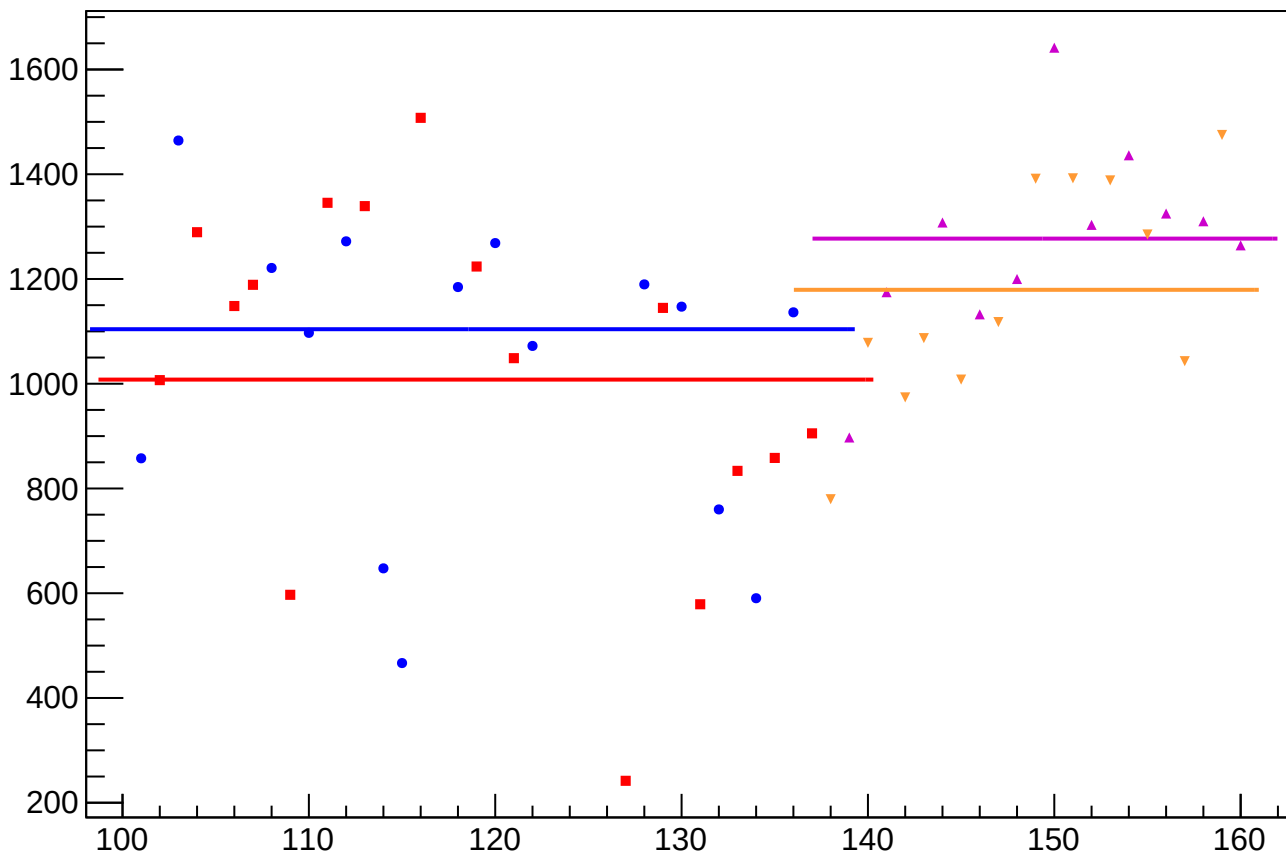
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

Left Out: 460.312 $\pm$ 0.000 χ^2 /NDF: 6754606428371283053517529701630869504.0/11

Right Out: 507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15

Left In: 471.219 $\pm$ 0.000 χ^2 /NDF: 744597321916033625746772011051745280.0/10

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

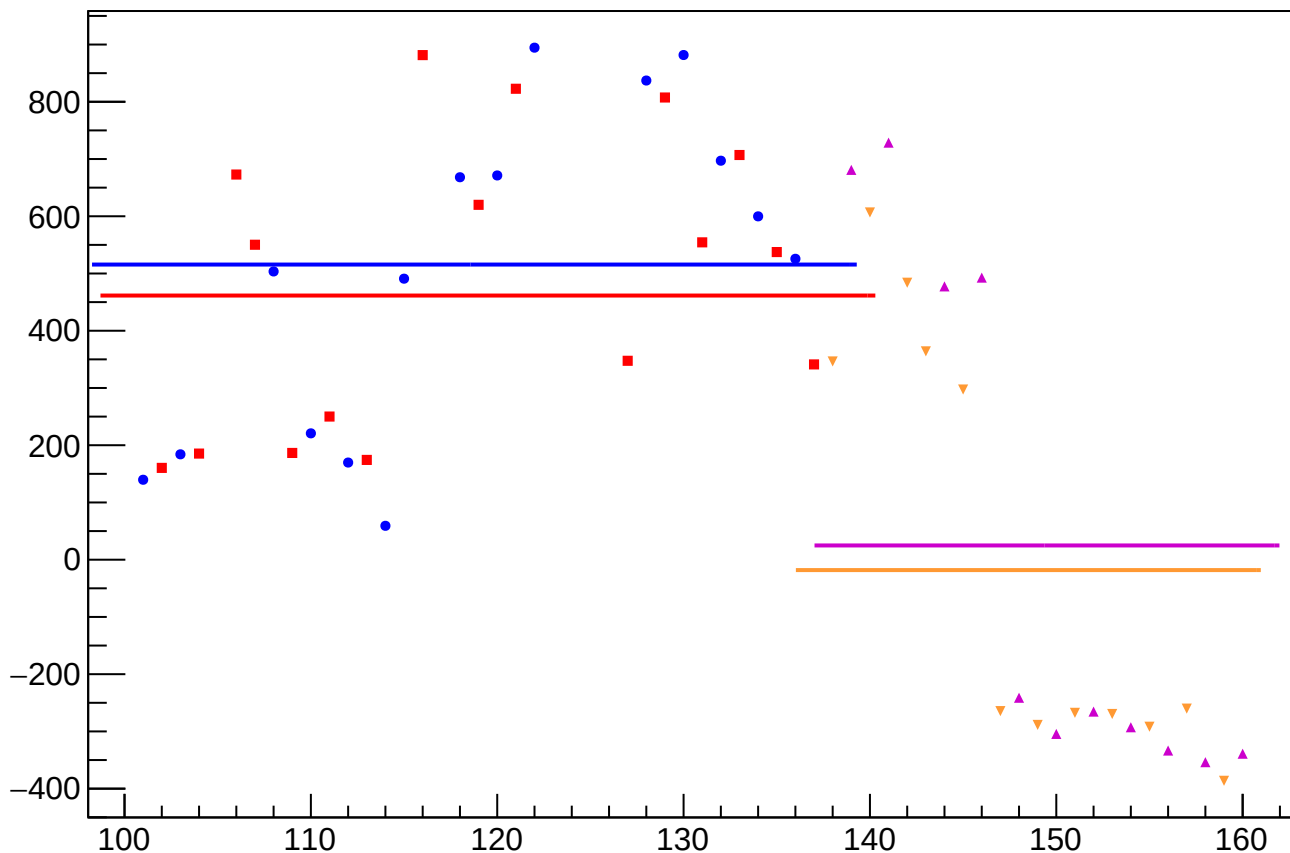
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

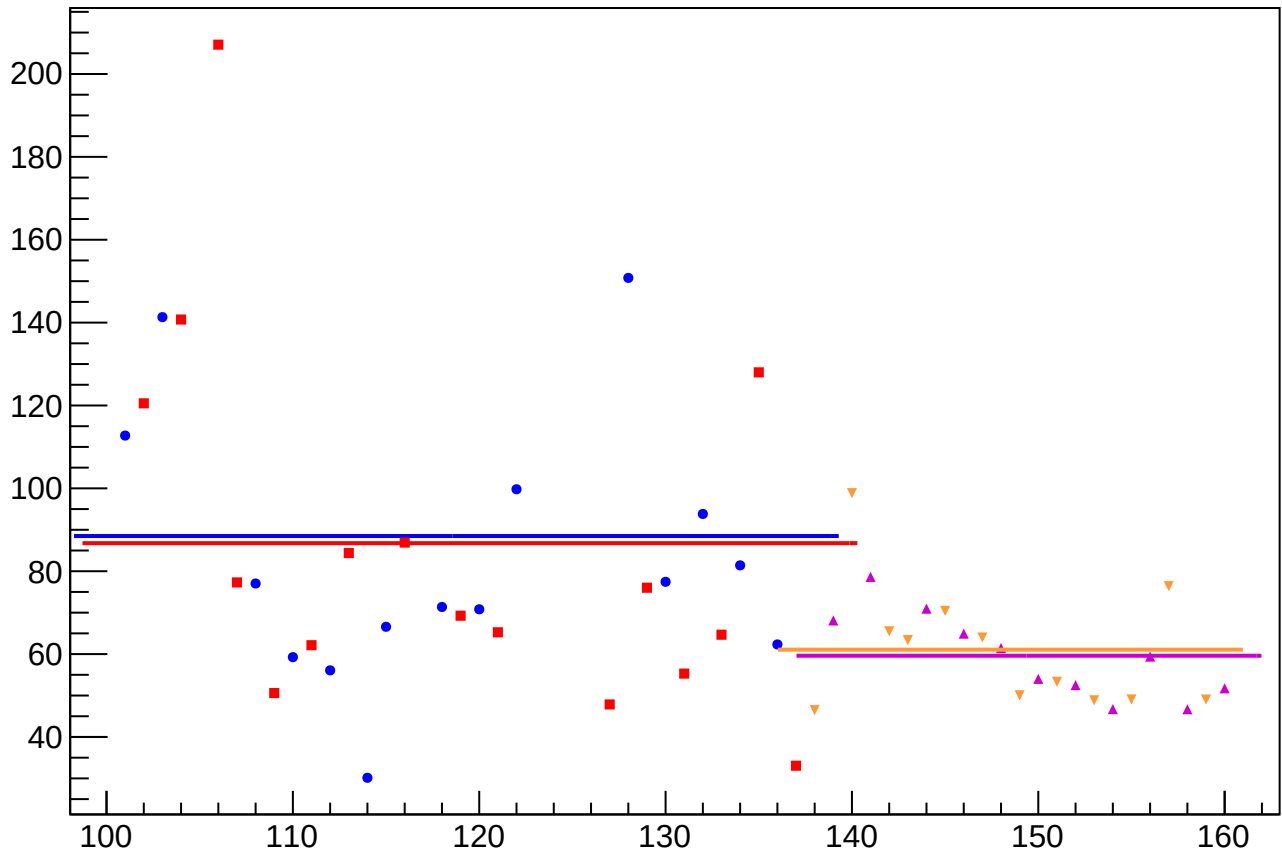
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

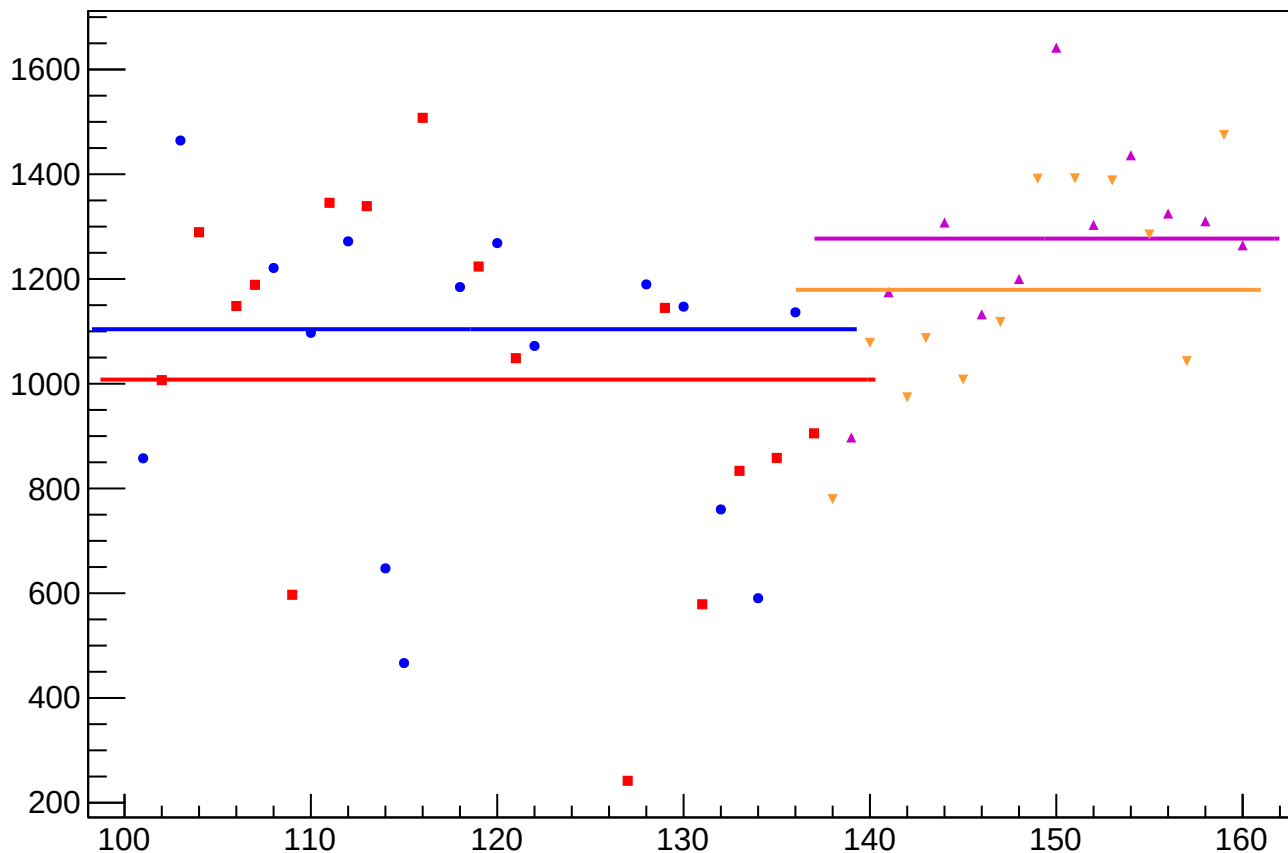
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000	χ^2/NDF : 643231155193035512625817963208900608.0/14	+ sign 72.455+/-0.000	χ^2/NDF : 1140205339739572
Left Out: 61.067+/-0.000	χ^2/NDF : 211507080213048507647331077961285632.0/11	All: 71.718+/-0.000	χ^2/NDF : 2577899671839
Right Out: 86.773+/-0.000	χ^2/NDF : 1059206766314086021240525003228708864.0/15	- sign 70.994+/-0.000	χ^2/NDF : 1436012461961461
Left In: 59.604+/-0.000	χ^2/NDF : 90862625181985664375323463168032768.0/10		

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

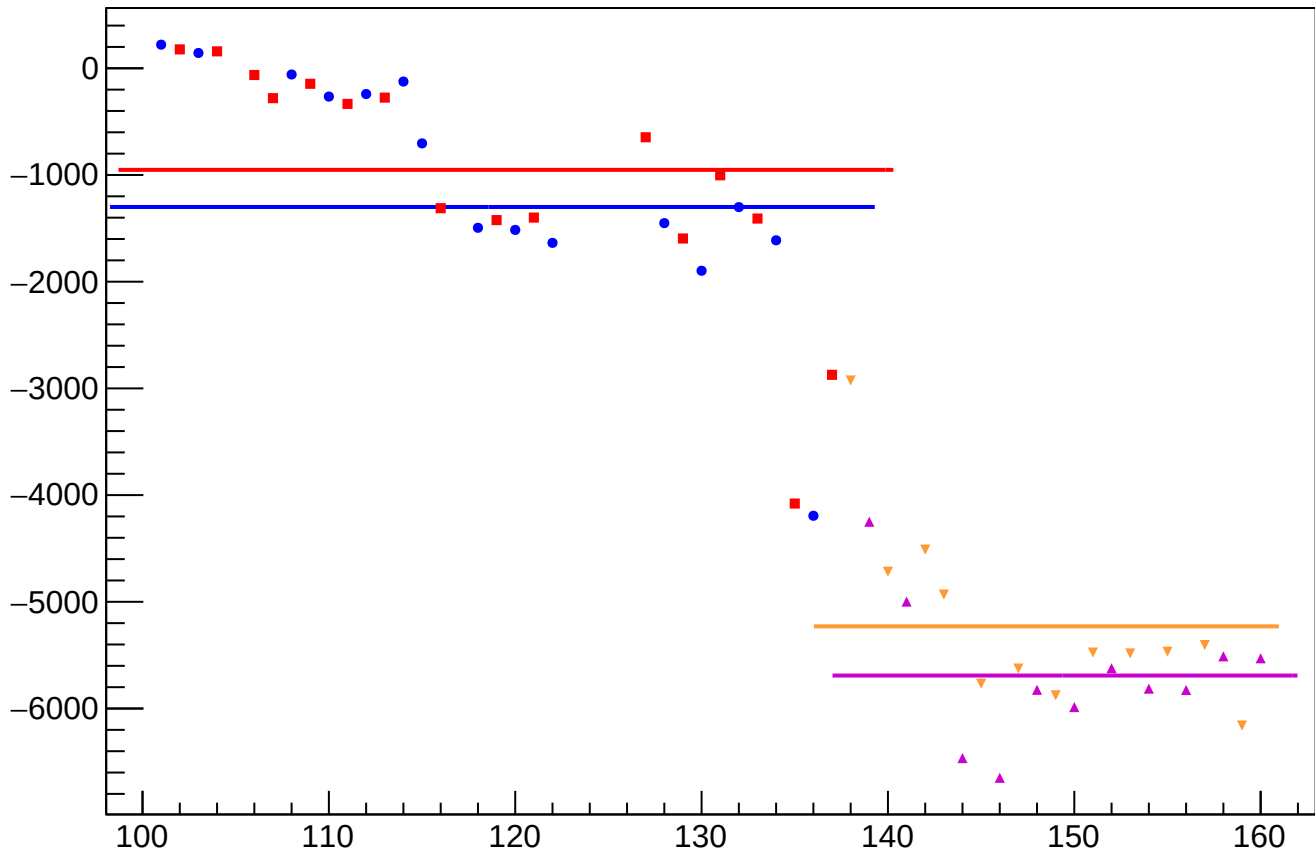
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -5230.164+/-0.000

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426

Right Out: -951.903+/-0.000

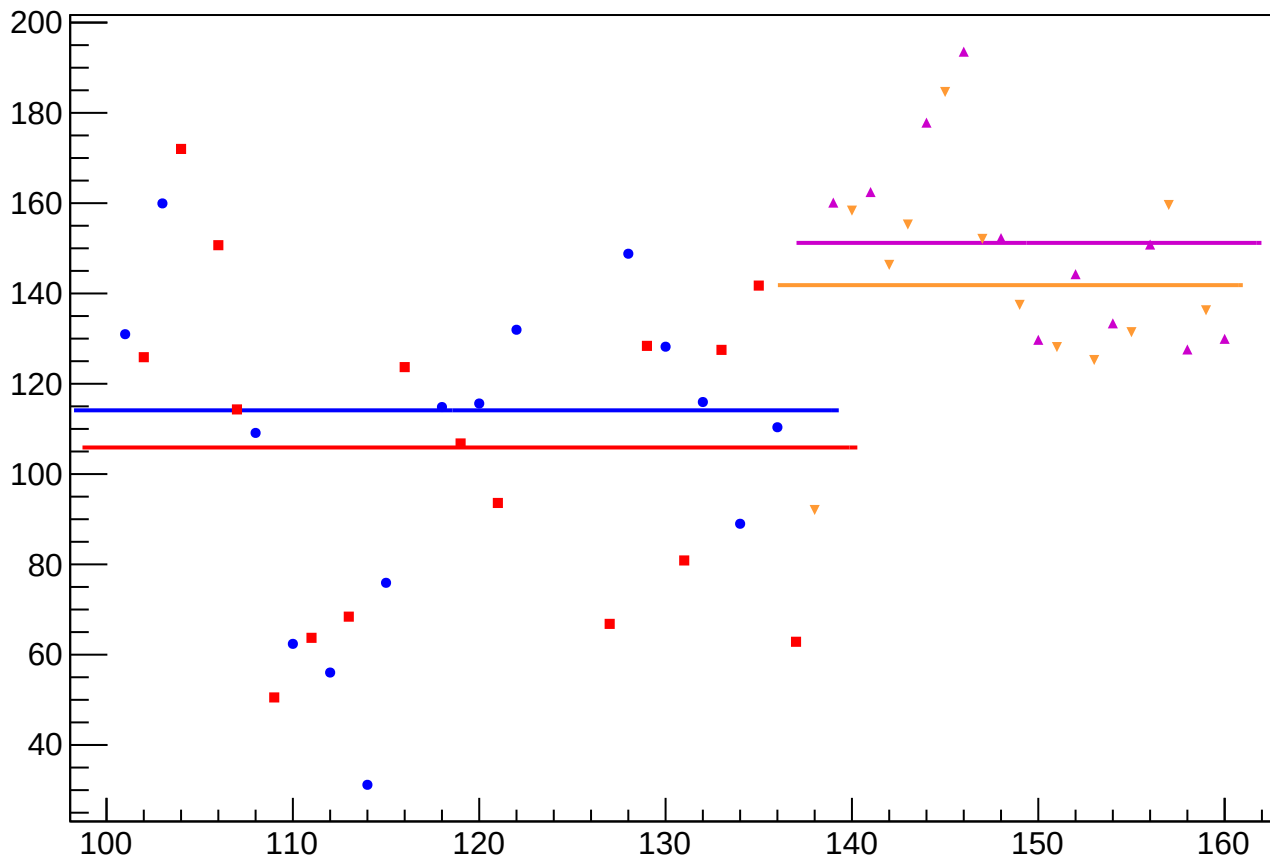
All: -3651.666+/-0.000 χ^2/NDF : 1758908860

Left In: -5690.941+/-0.000

- sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

χ^2/NDF : 355774620722948866968040460749891436544.0/10

dit_sam6_coil3_err_mean vs Slug



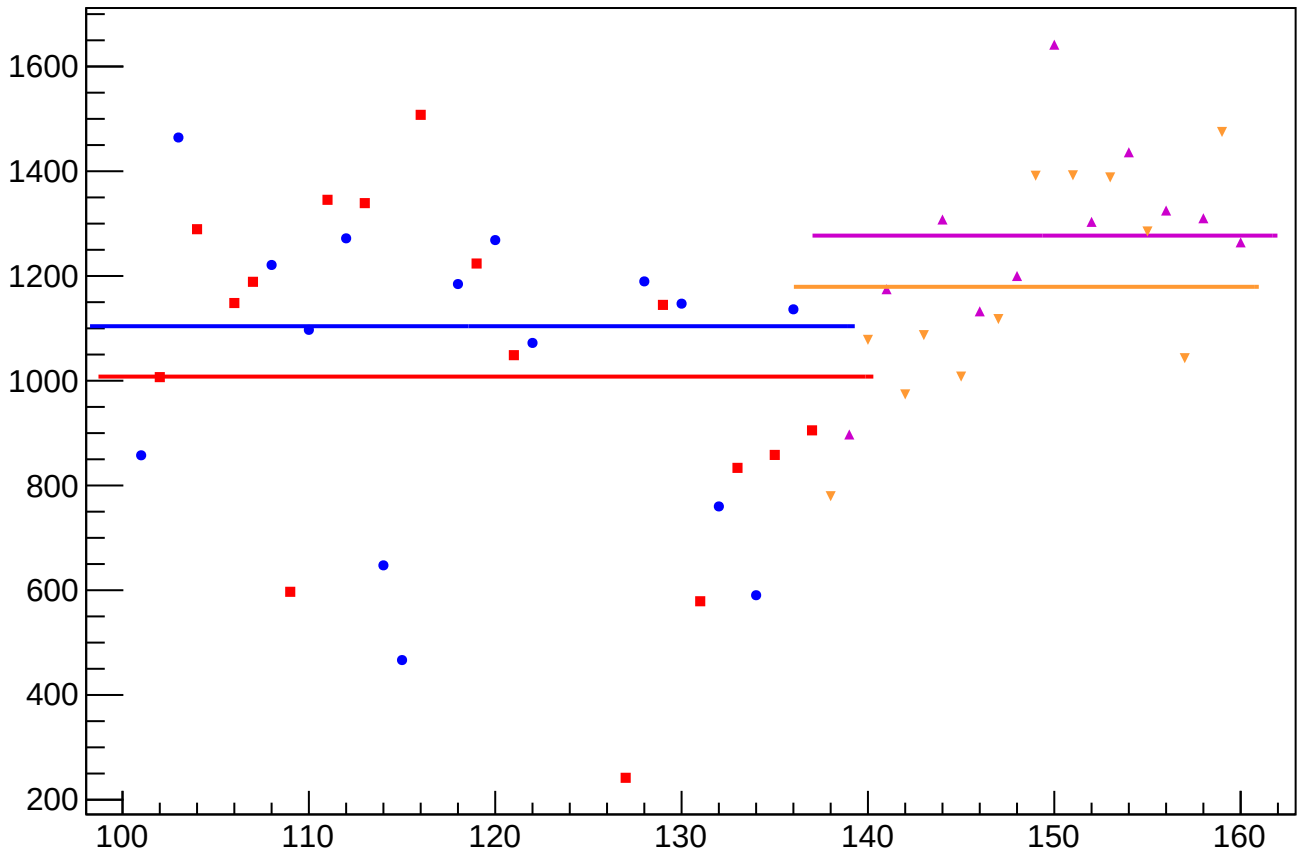
Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.844 $\pm$ 0.000 χ^2 /NDF: 455273254245846333149237795723673600.0/11

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

Left In: 151.203 $\pm$ 0.000 χ^2 /NDF: 382227652604999337577431549784096768.0/10

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

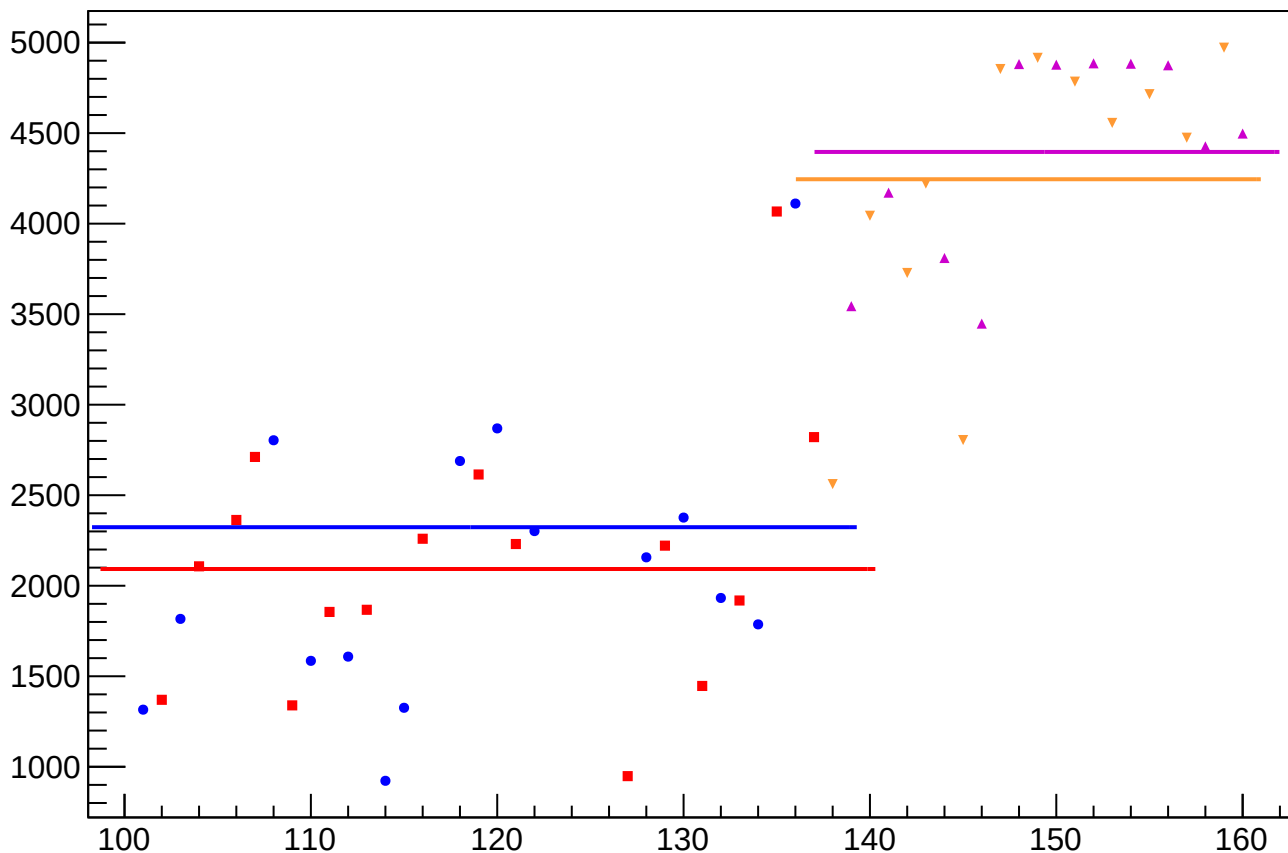
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

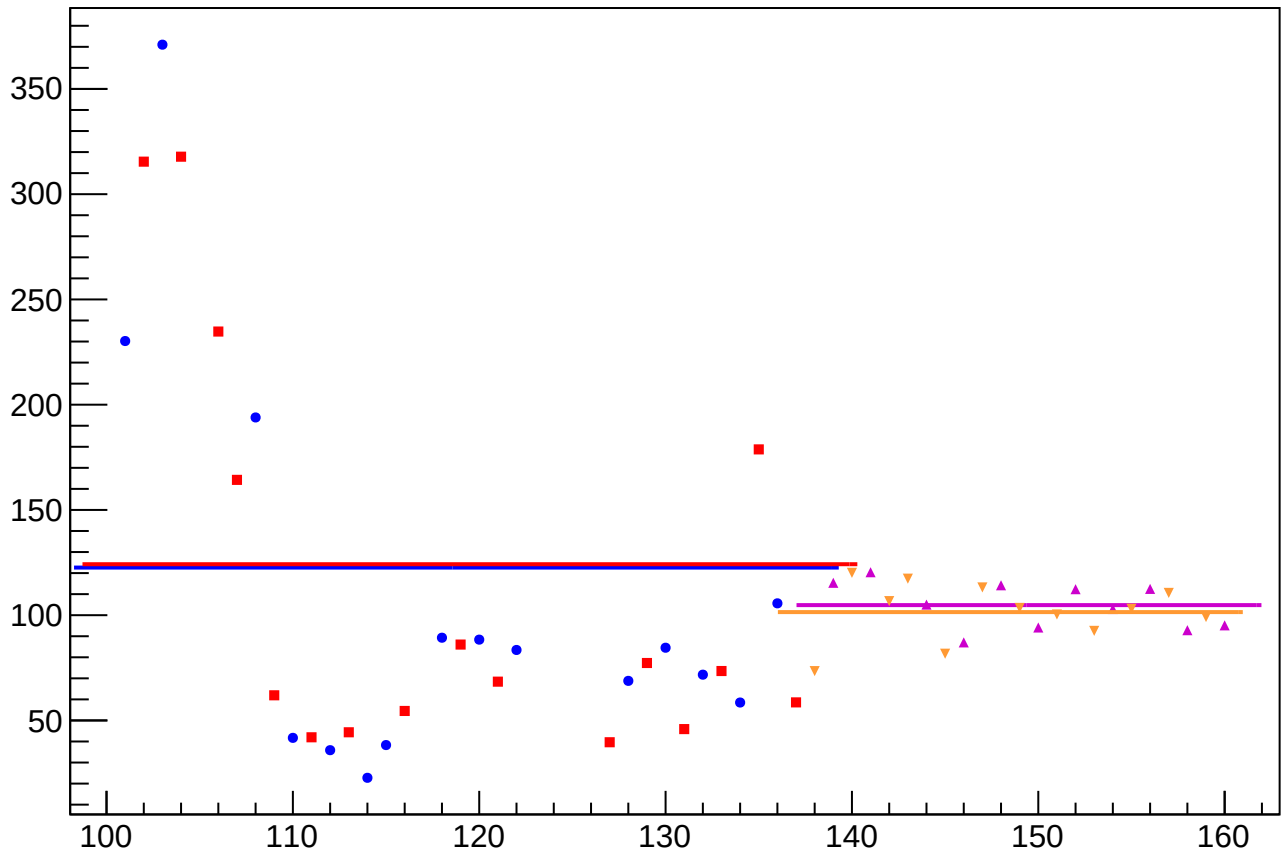
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



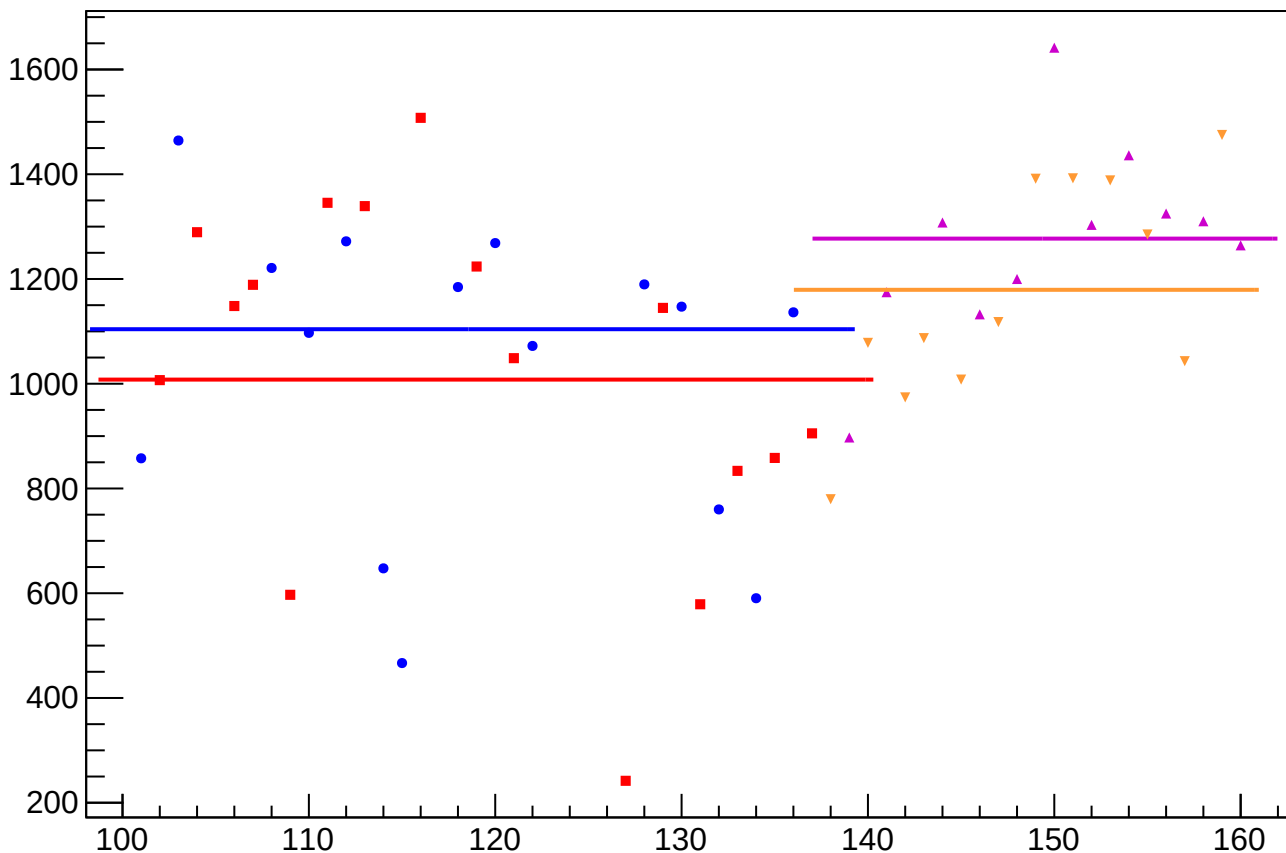
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 3430.319+/-0.000	χ^2/NDF : 26930874223674
Left In: 4396.069+/-0.000	χ^2/NDF : 270326441631367265143713722564756897792.0/10		

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622 $\pm$ 0.000 χ^2 /NDF: 5937504661187691145903235842749497344.0/14
 Left Out: 101.470 $\pm$ 0.000 χ^2 /NDF: 163606586609215515174601139620413440.0/11
 Right Out: 124.216 $\pm$ 0.000 χ^2 /NDF: 6549627589629012958791202941129719808.0/15
 Left In: 104.786 $\pm$ 0.000 χ^2 /NDF: 102013785381333837493435451846950912.0/10

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 +/- 0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

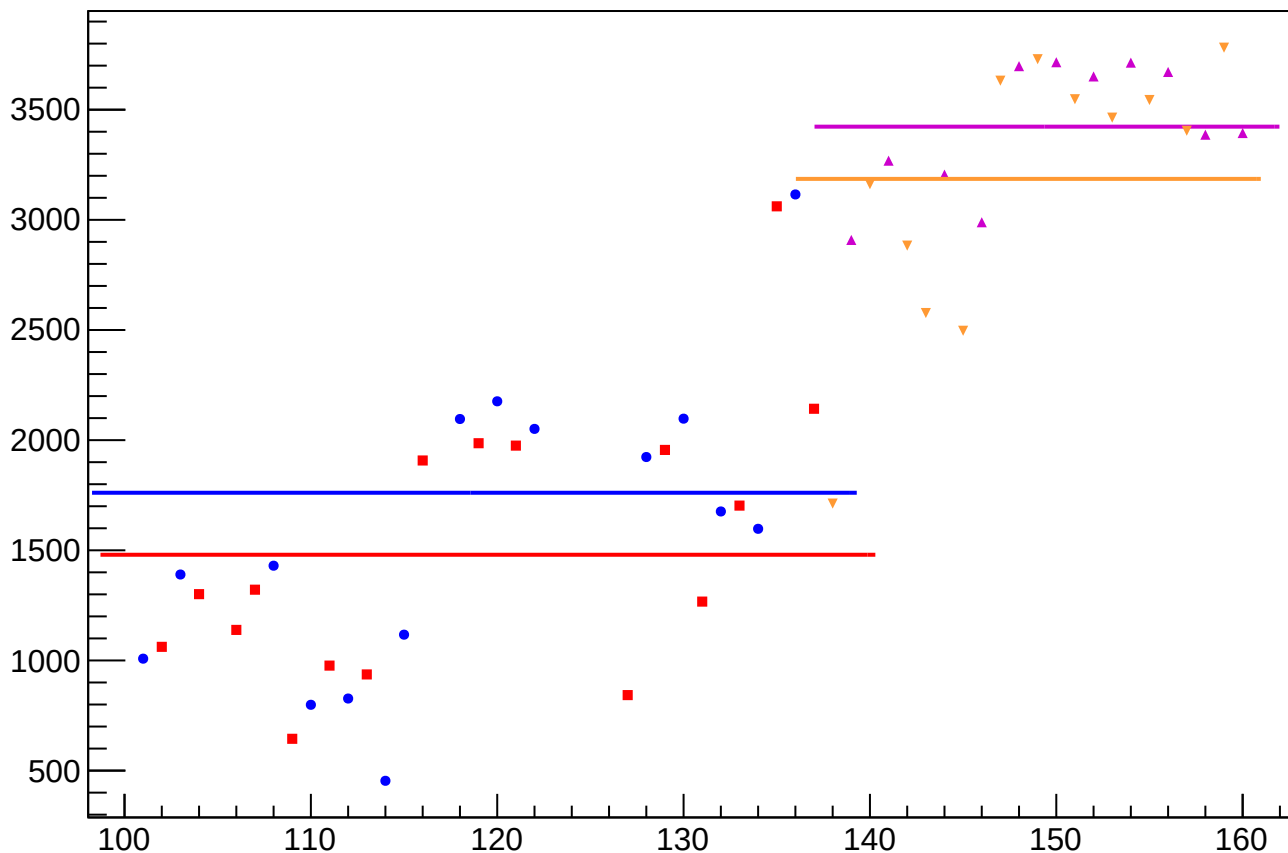
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100 +/- 0.000 χ^2/NDF : 73628368958625

All: 1156.244 +/- 0.000 χ^2/NDF : 20056102034

- sign 1164.243 +/- 0.000 χ^2/NDF : 12672719249309

dit_sam8_coil3_mean vs Slug



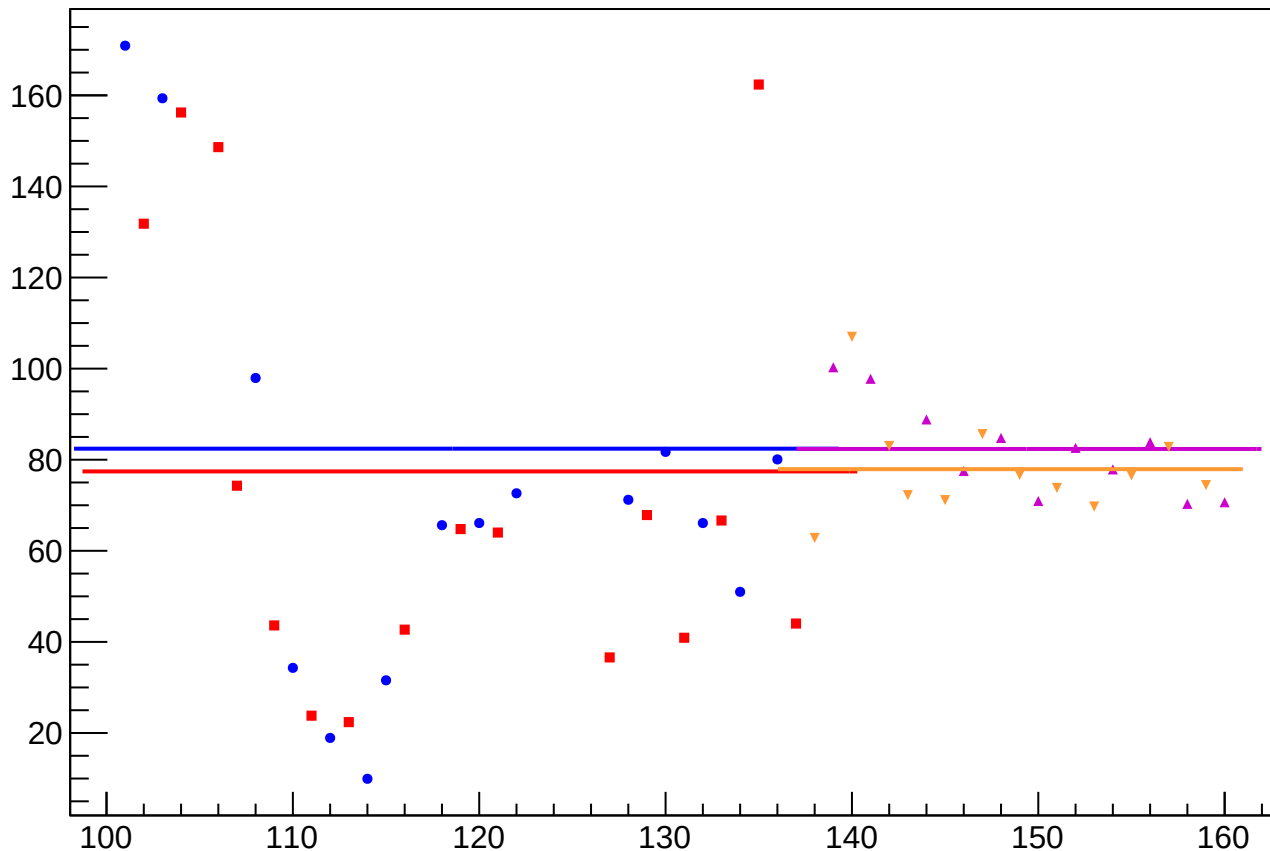
Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 77.927+/-0.000 χ^2/NDF : 108816585289567770159719515210907648.0/11

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

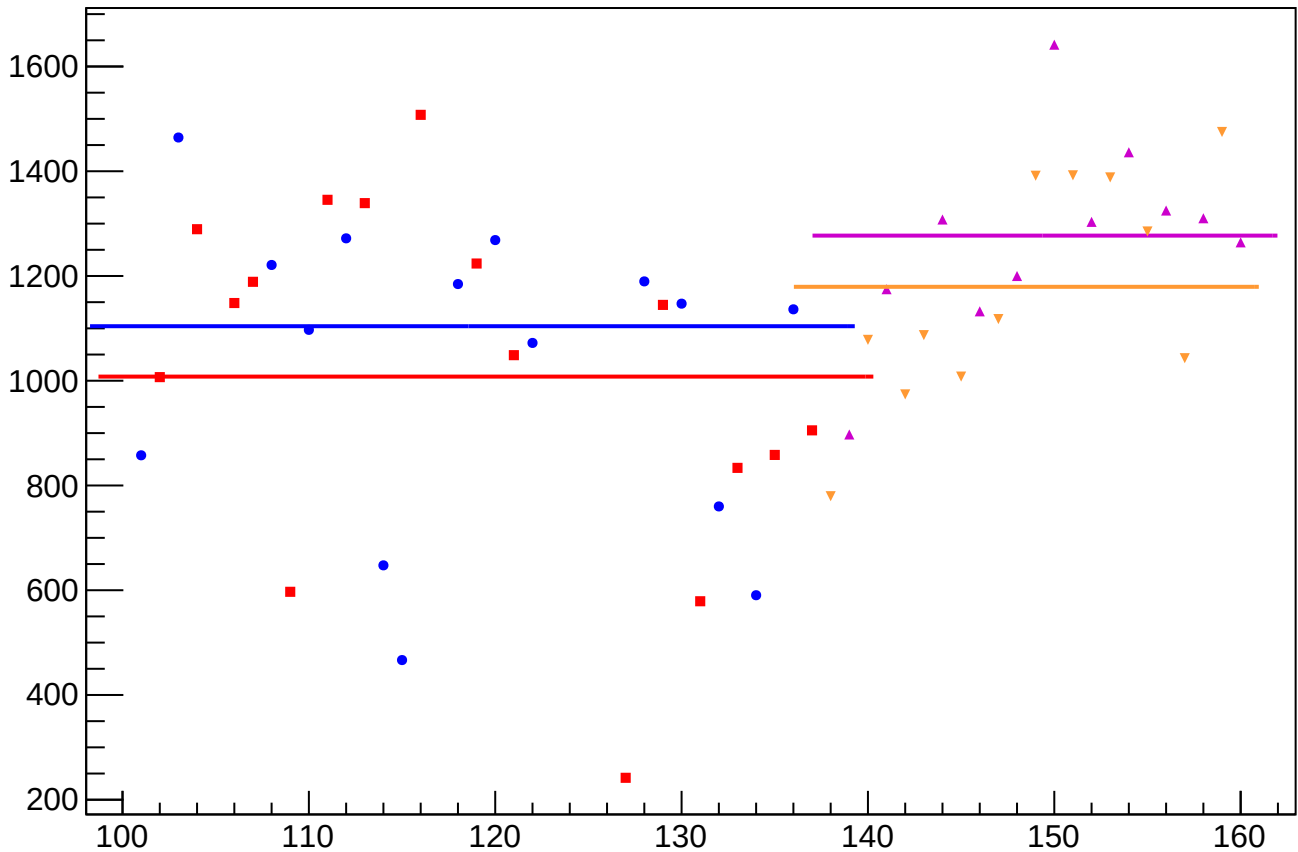
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ sign 79.794+/-0.000 χ^2/NDF : 1380118069986945

All: 80.046+/-0.000 χ^2/NDF : 2993351942483

- sign 80.294+/-0.000 χ^2/NDF : 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

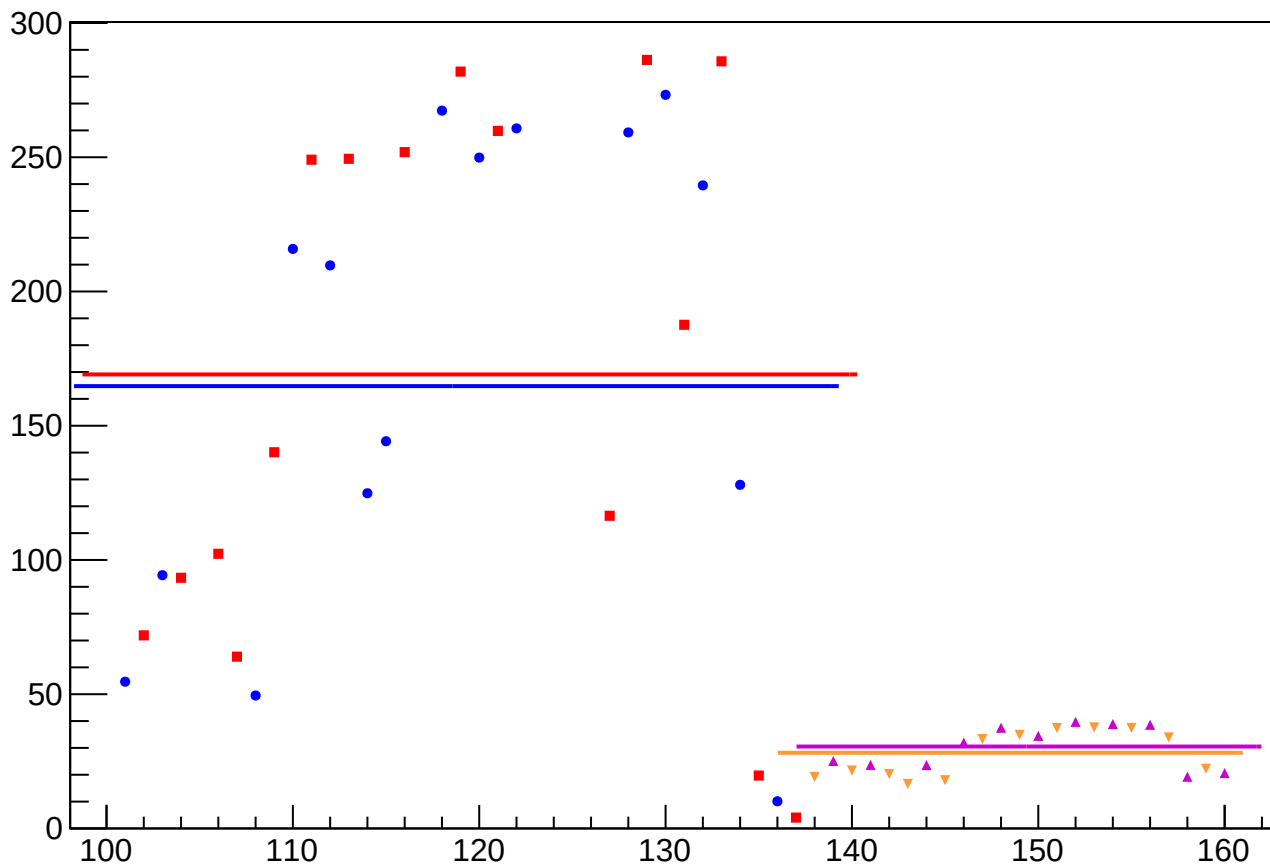
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192+/-0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

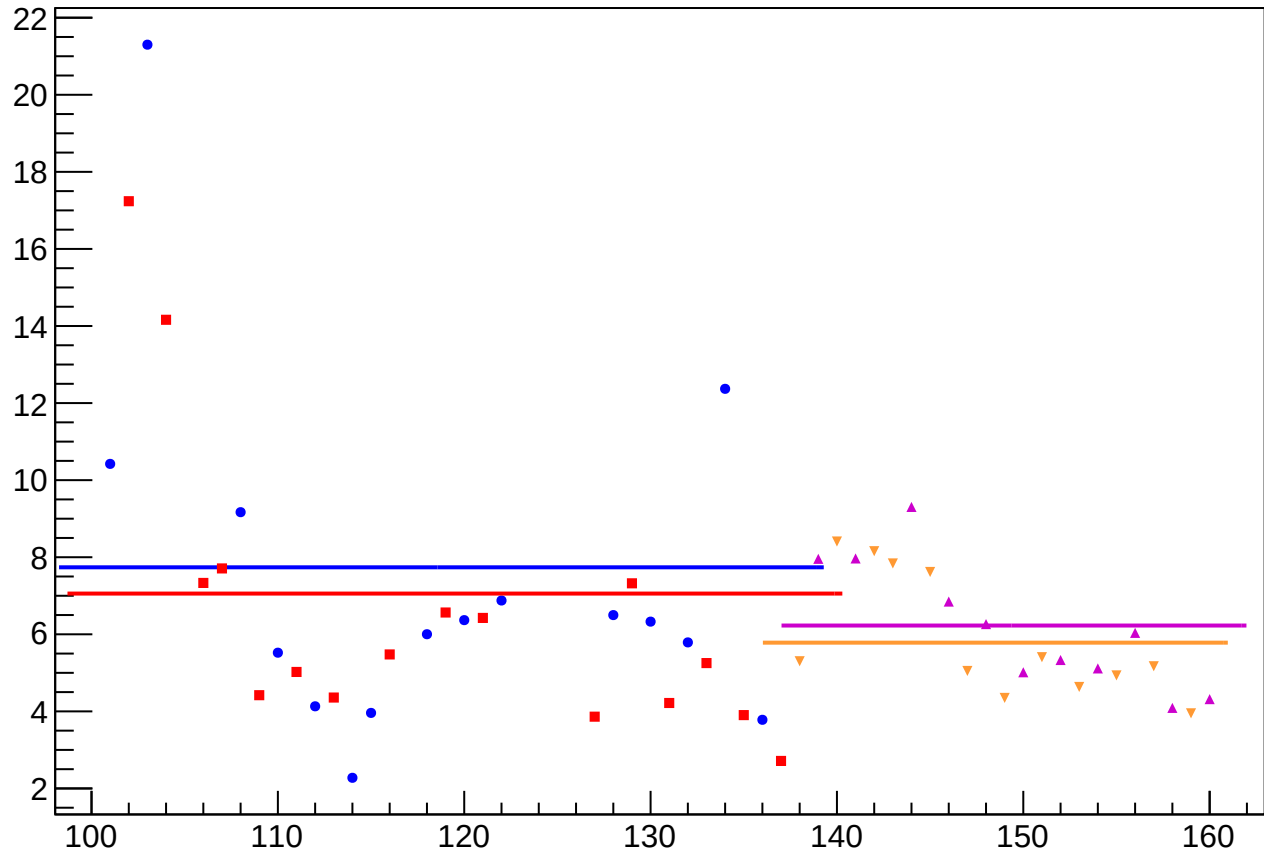
Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

All: 86.771+/-0.000 χ^2/NDF : 2705497277682

- sign 88.613+/-0.000 χ^2/NDF : 1353475070284198

+ sign 84.895+/-0.000 χ^2/NDF : 1350932583122595

dit_4aX_coil7_err_mean vs Slug



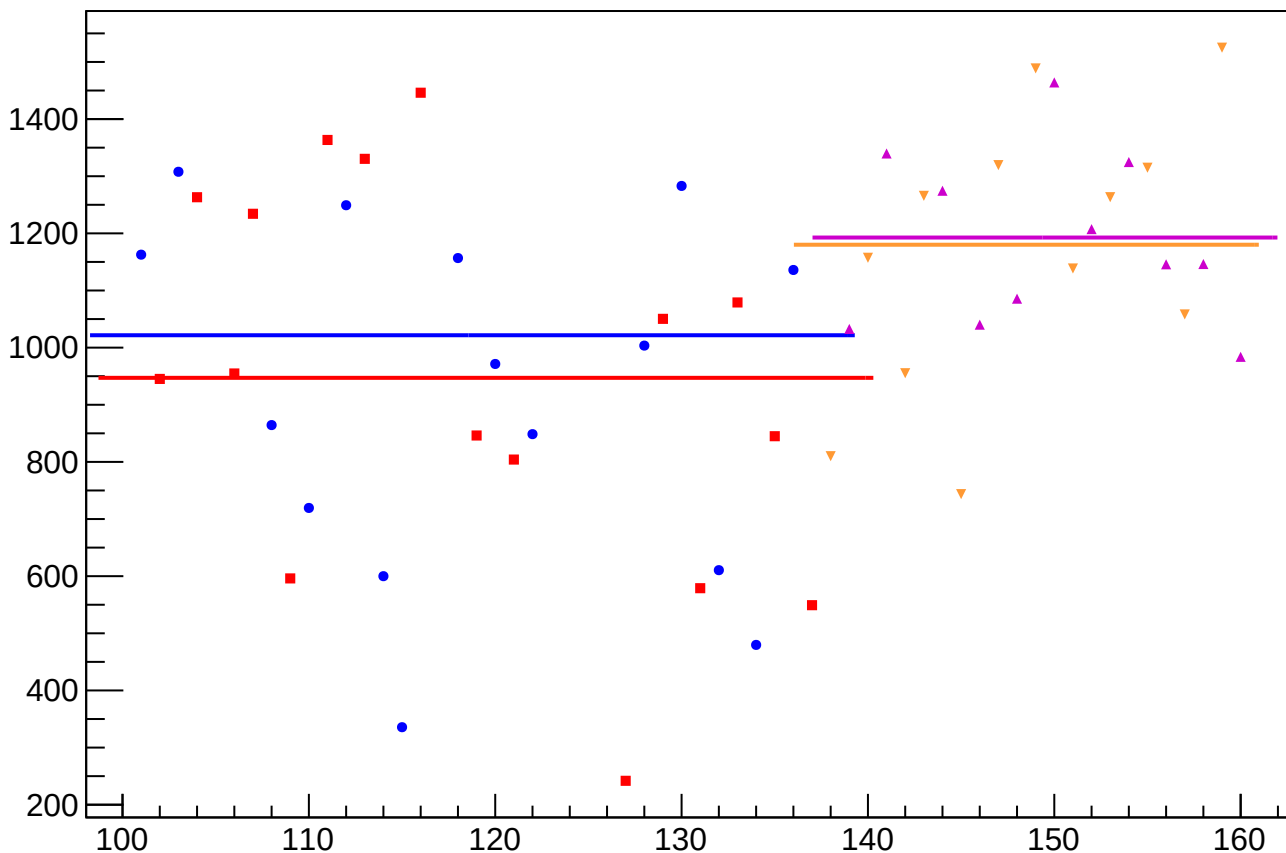
Right In: 7.738 ± 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783 ± 0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057 ± 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

Left In: 6.228 ± 0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

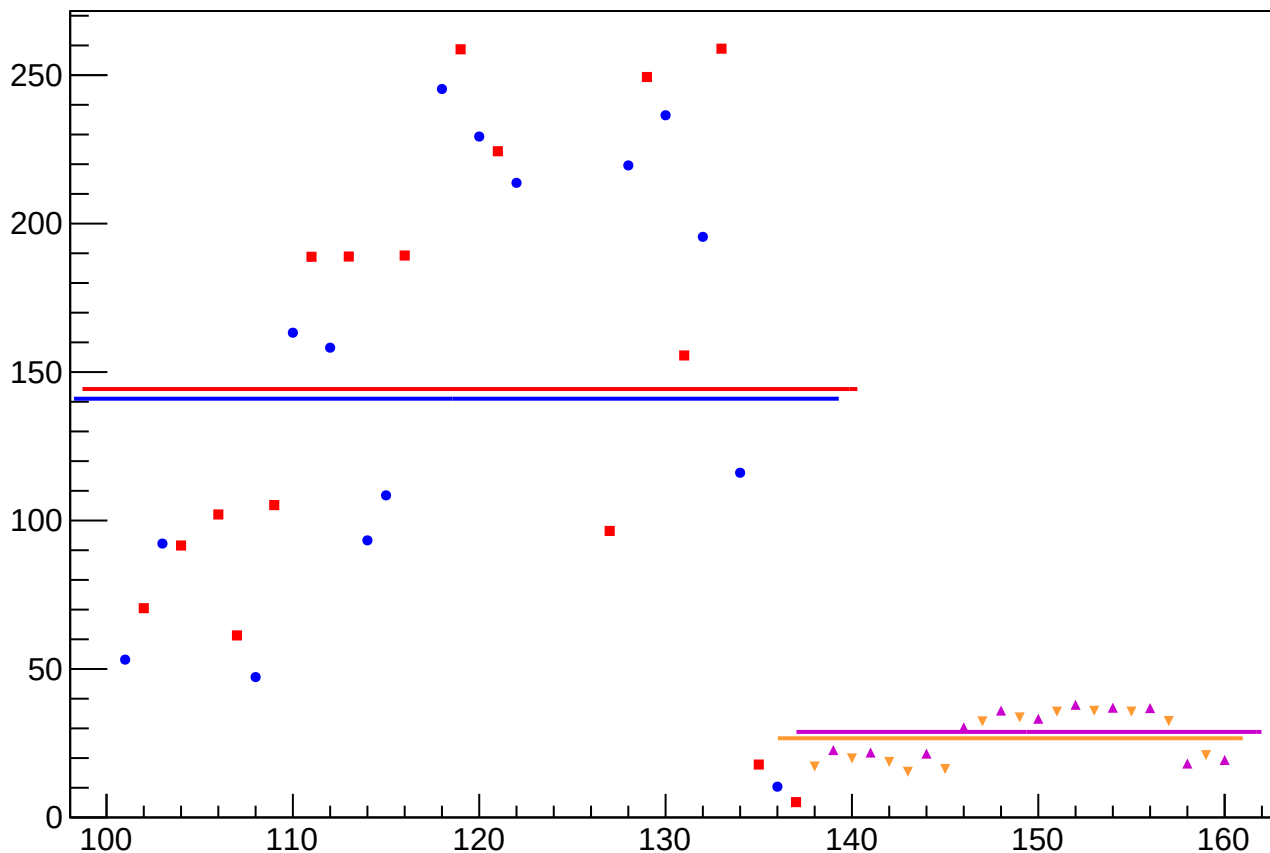
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

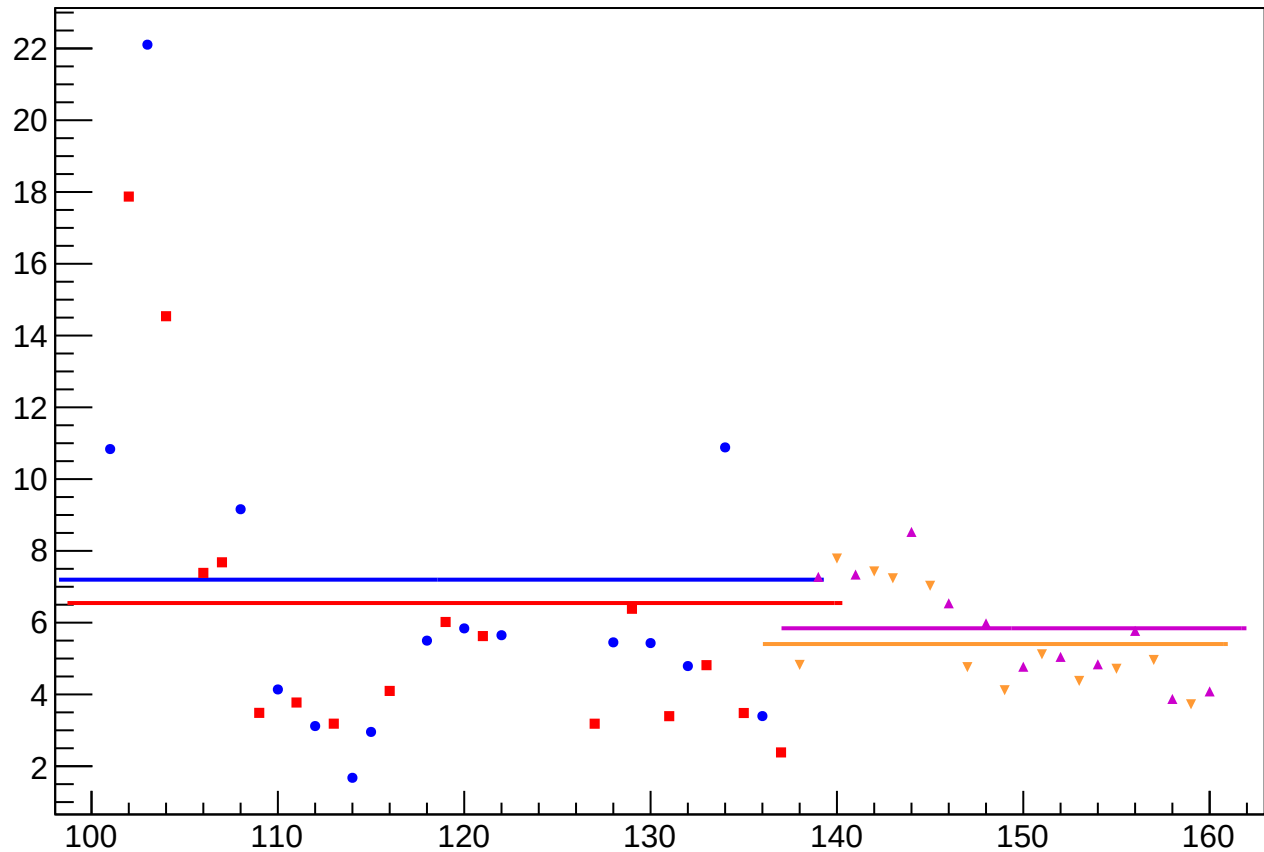
Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.703+/-0.000 χ^2/NDF : 1902686413208

dit_4eX_coil7_err_mean vs Slug



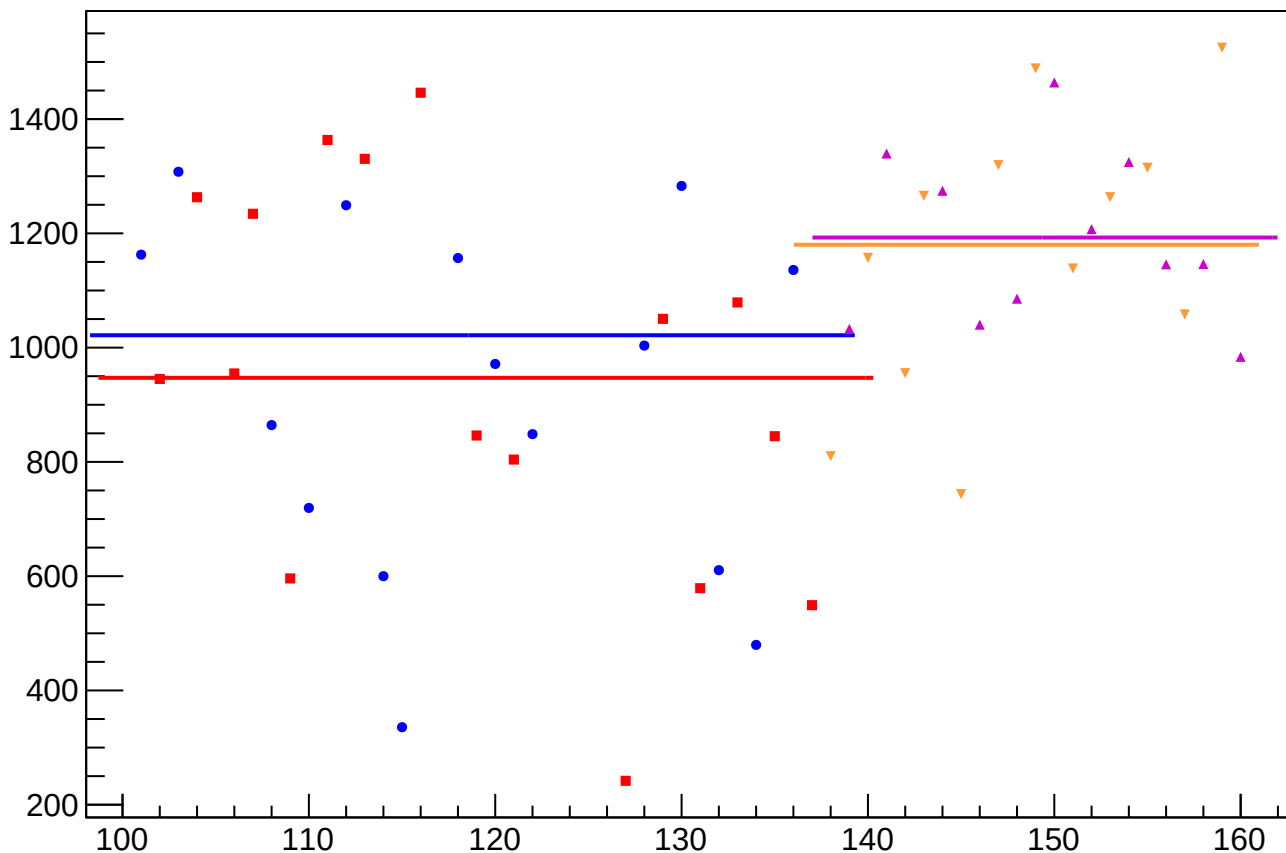
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF : 1657476673222734549536062415306752.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

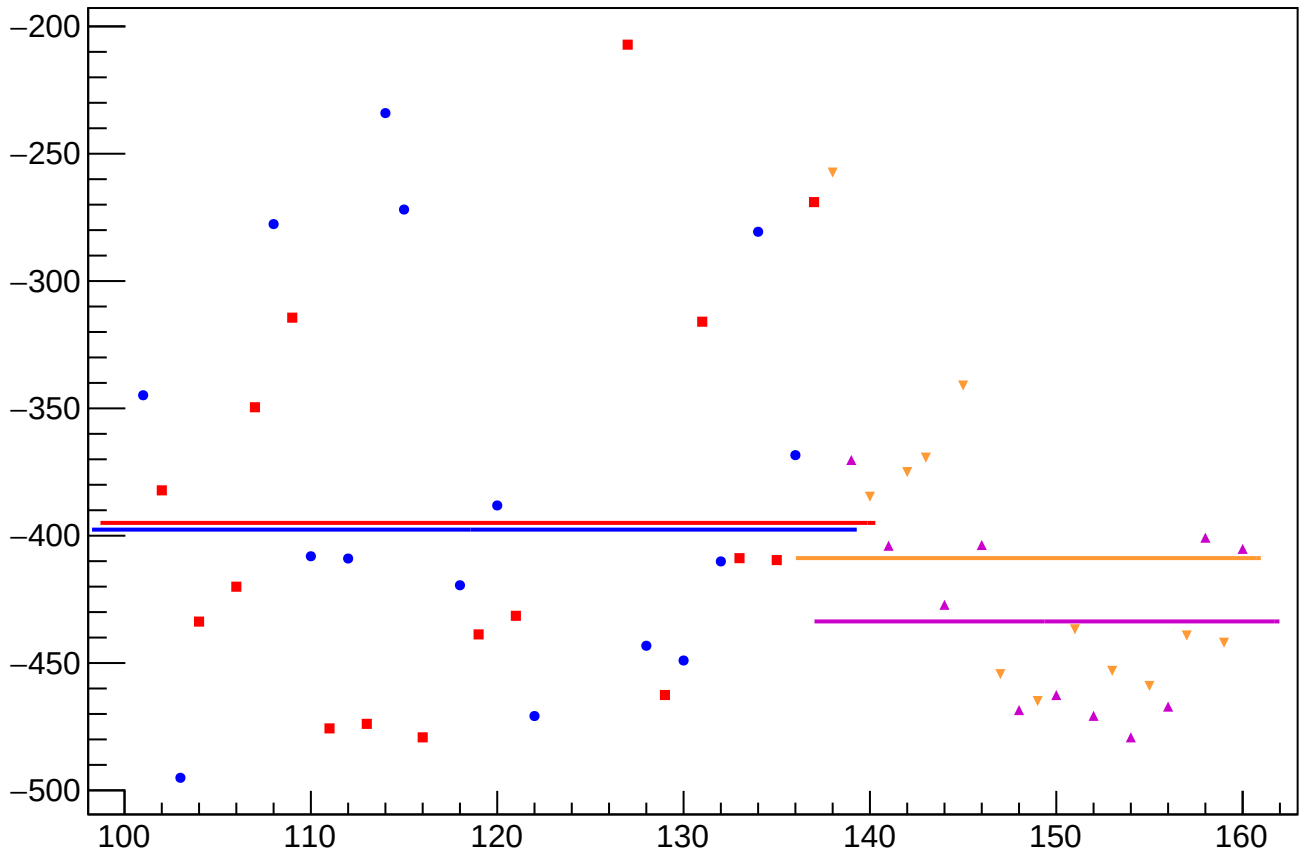
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

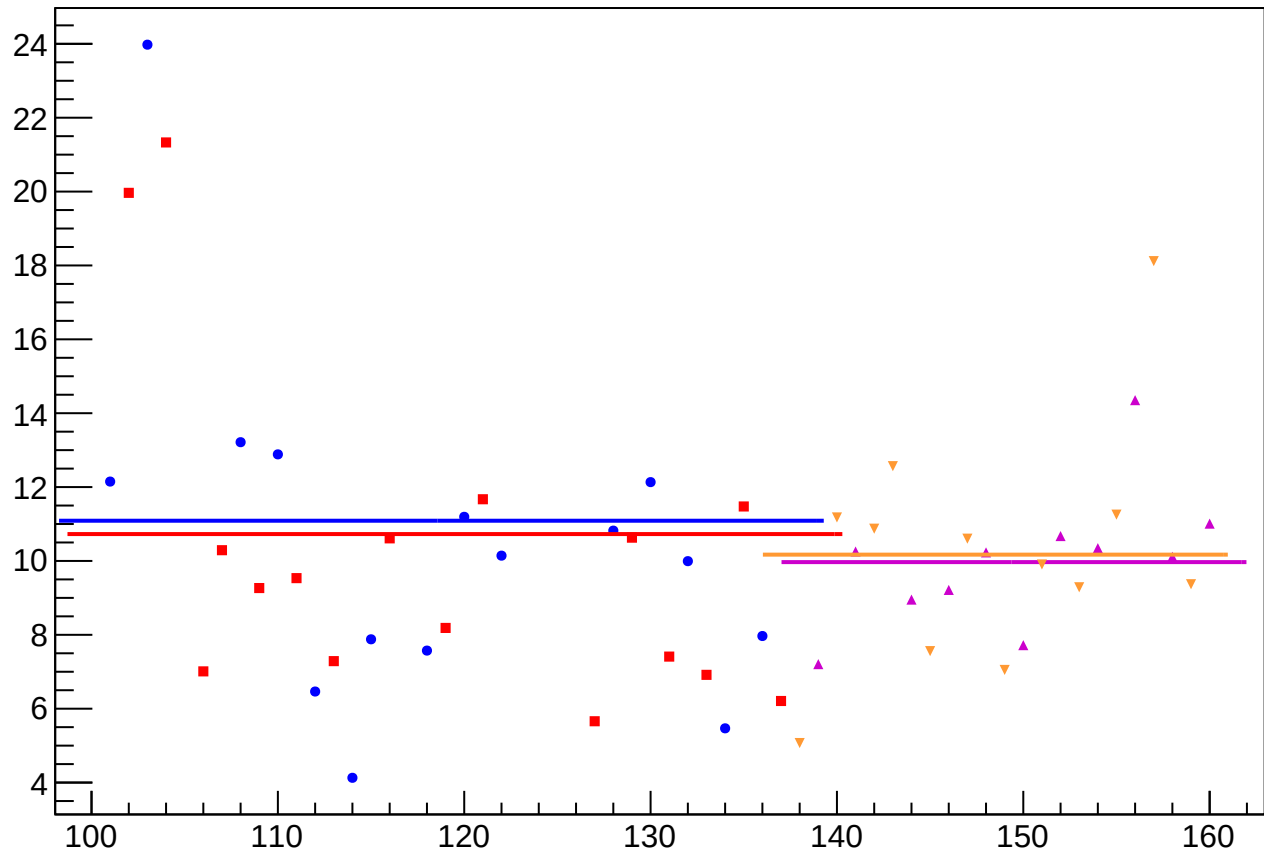
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000	χ^2/NDF : 2661280785384633207096106229474263040.0/14	+ sign -404.151+/-0.000	χ^2/NDF : 60752984444318
Left Out: -408.794+/-0.000	χ^2/NDF : 3366573213961692909439105040404971520.0/11	All: -410.856+/-0.000	χ^2/NDF : 11678350413
Right Out: -394.973+/-0.000	χ^2/NDF : 3685595513427183501596165280874102784.0/15	- sign -417.444+/-0.000	χ^2/NDF : 54637466246081
Left In: -433.664+/-0.000	χ^2/NDF : 1198237421385461104687495484599697408.0/10		

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089±/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 10.171±/-0.000 χ^2/NDF : 9089684940831859823552687731900416.0/11

Right Out: 10.728±/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

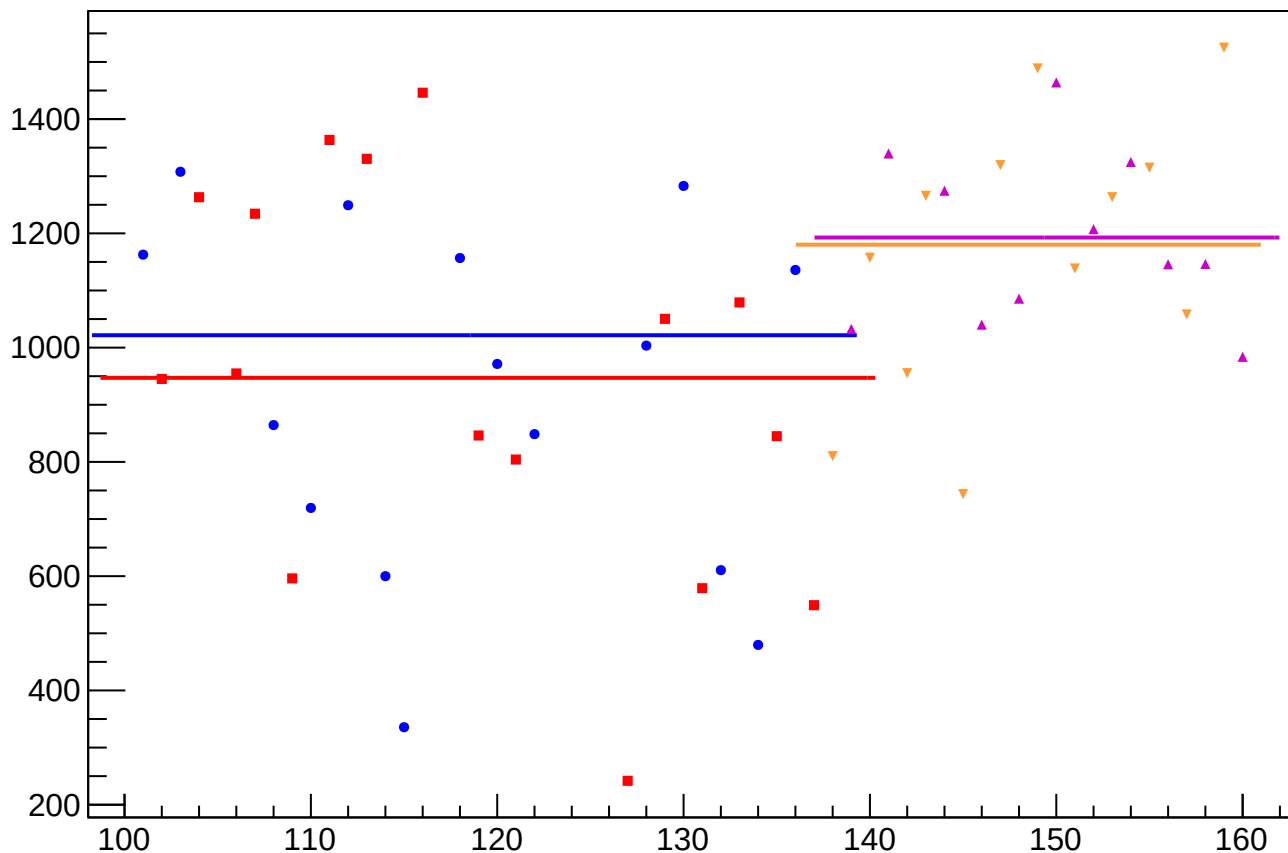
Left In: 9.968±/-0.000 χ^2/NDF : 2905664542402179840795878184976384.0/10

+ sign 10.552±/-0.000 χ^2/NDF : 2364557431902666

All: 10.418±/-0.000 χ^2/NDF : 4159719349794

- sign 10.287±/-0.000 χ^2/NDF : 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

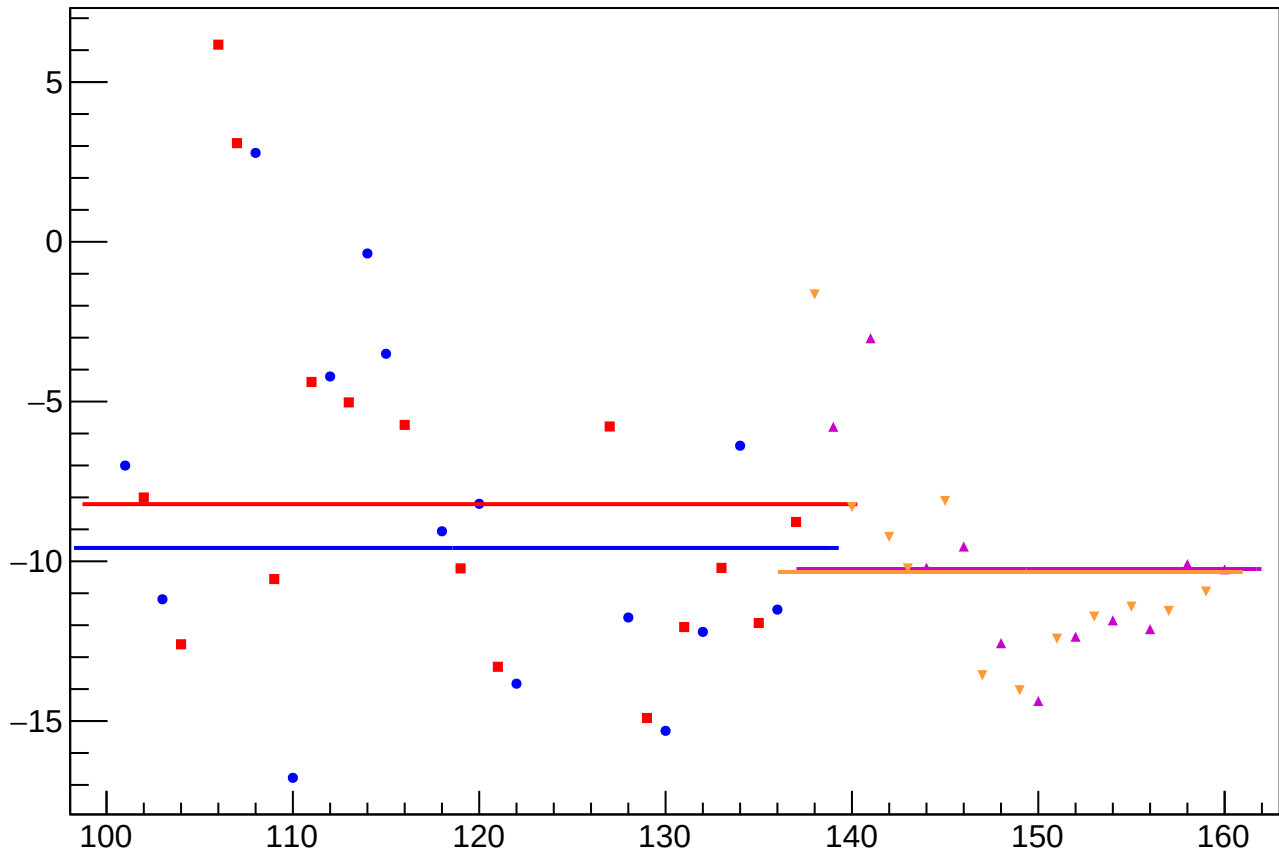
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

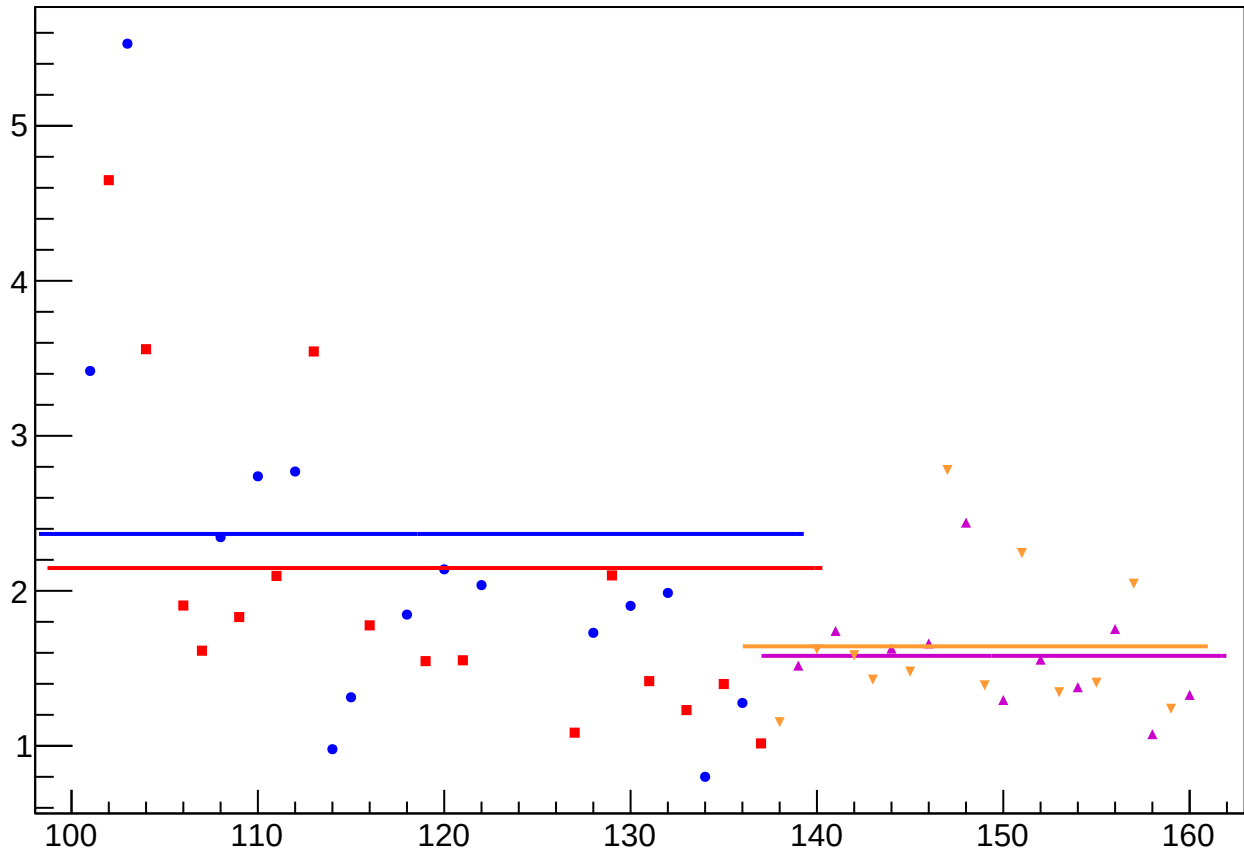
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$
 Left Out: -10.333 ± 0.000 $\chi^2/\text{NDF}: 9377692425026365375047041474887680.0/11$
 Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$
 Left In: -10.241 ± 0.000 $\chi^2/\text{NDF}: 8992829088408430483485977772818432.0/10$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 195842148226043527039909915262976.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

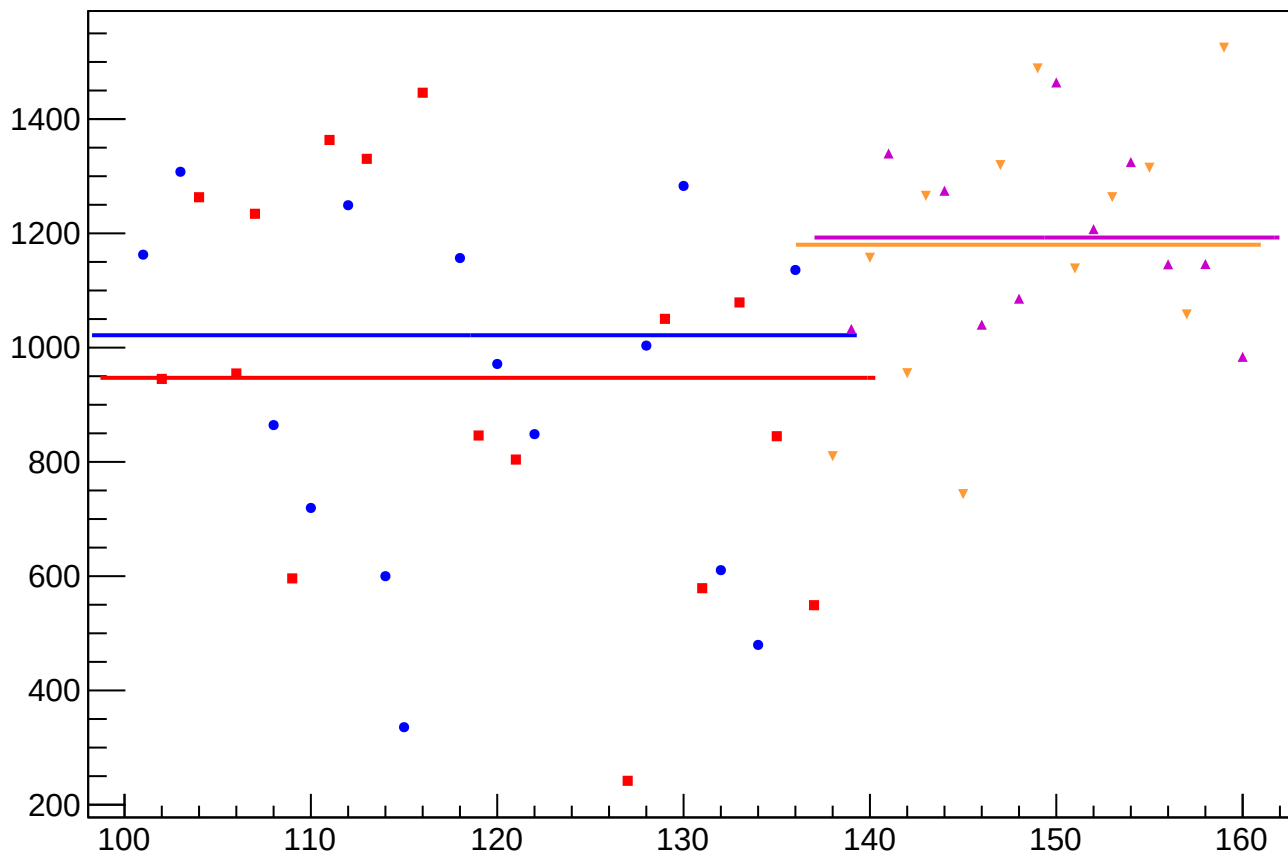
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.943 $\pm$ 0.000 χ^2 /NDF: 13159834417677760

All: 1.880 $\pm$ 0.000 χ^2 /NDF: 23210295231068

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

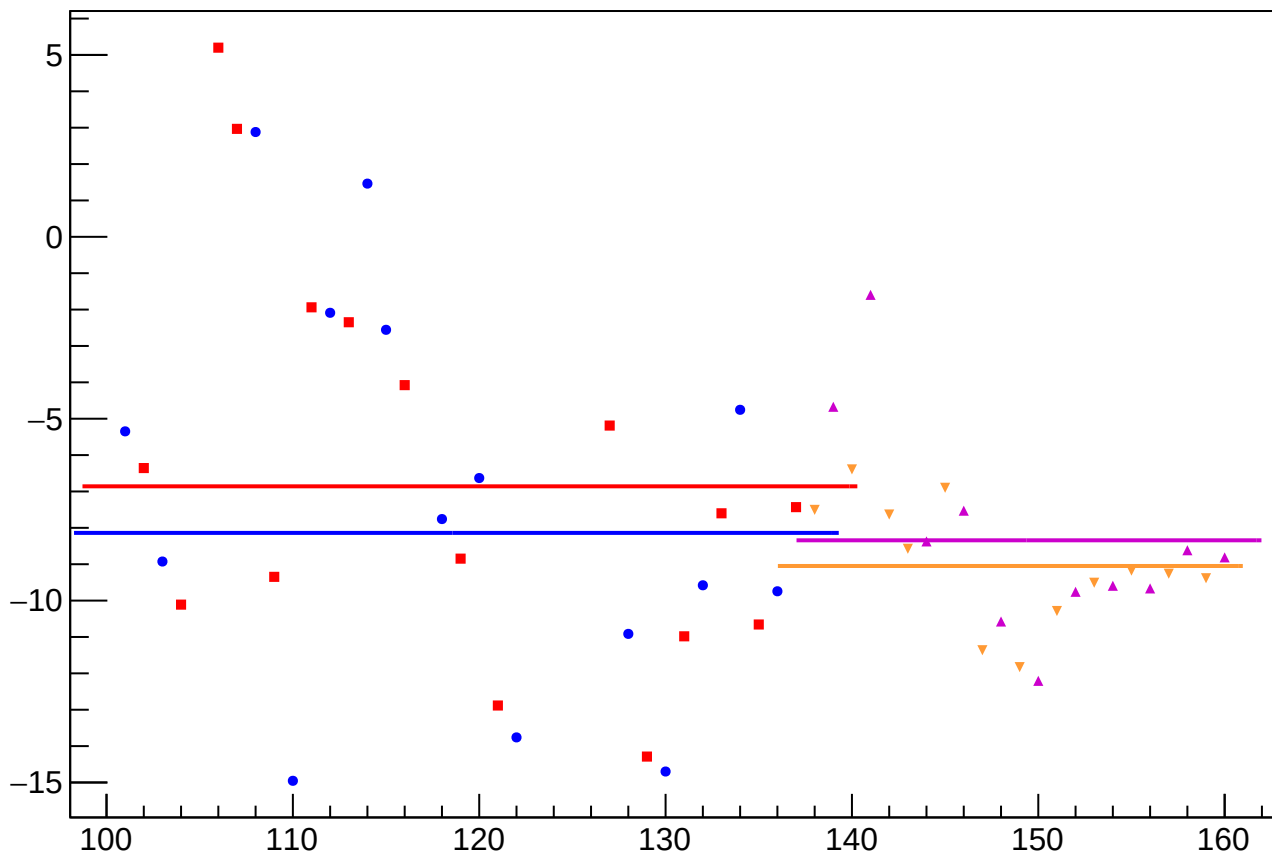
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -9.049 ± 0.000 χ^2/NDF : 2449058506184839792133889501167616.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

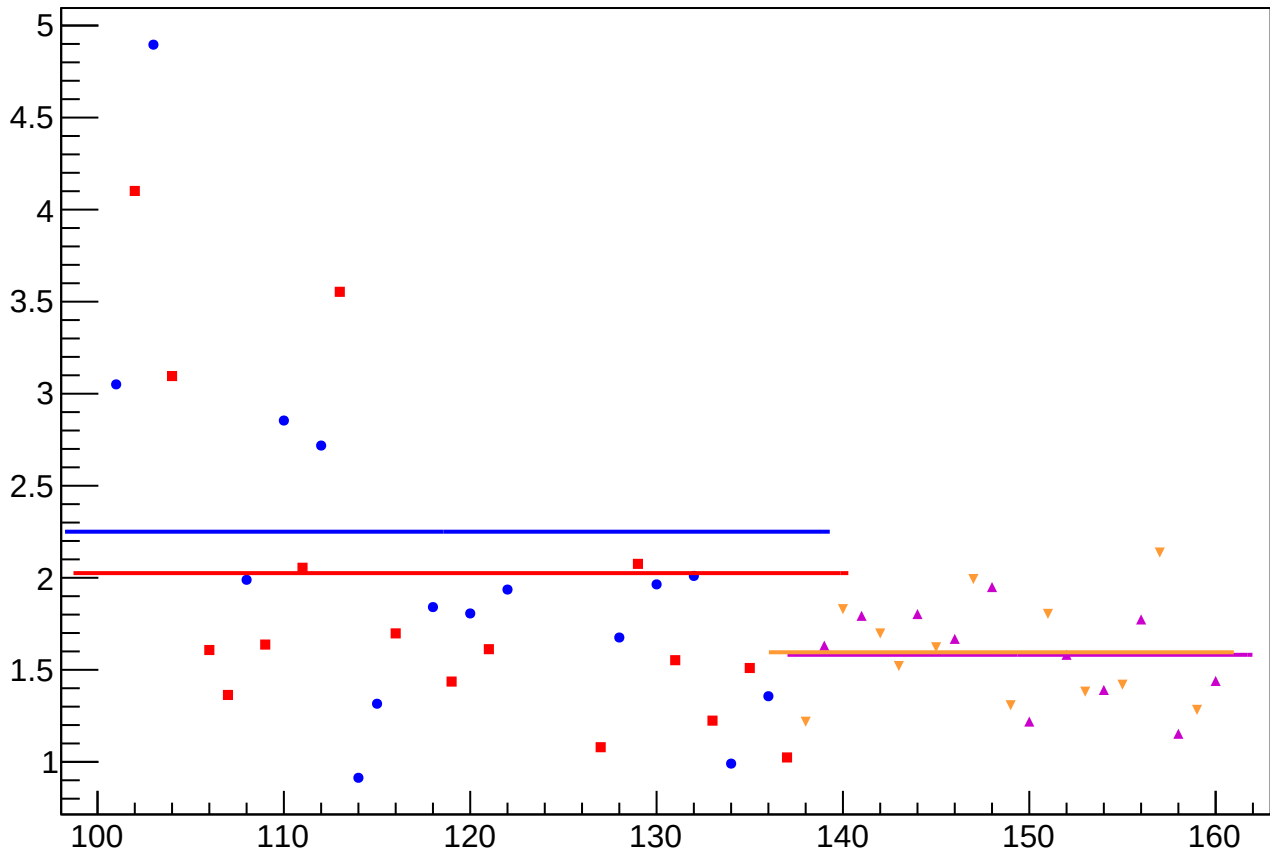
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.595 ± 0.000 χ^2/NDF : 76549213292208781148545230045184.0/11

Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15

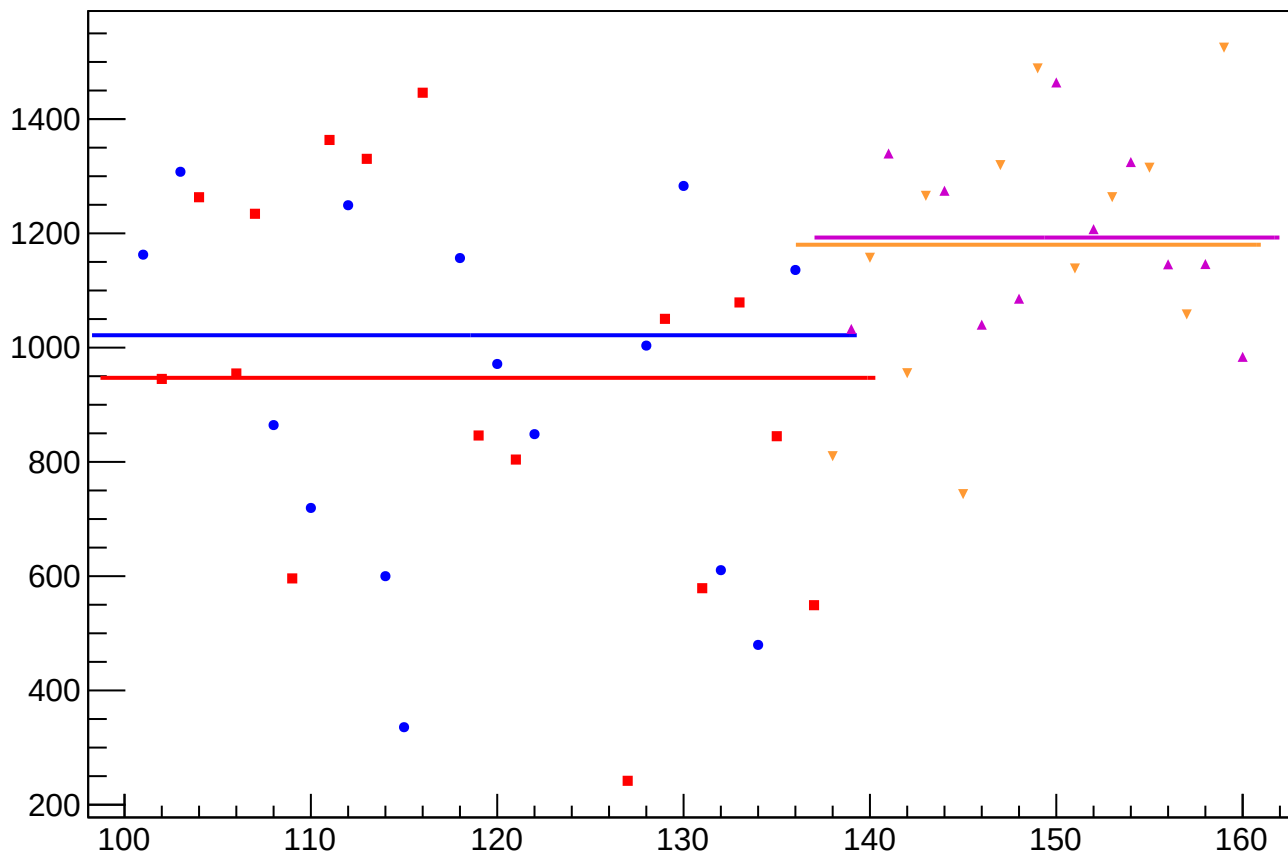
Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10

+ sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009

All: 1.817 ± 0.000 χ^2/NDF : 16139323147650

- sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

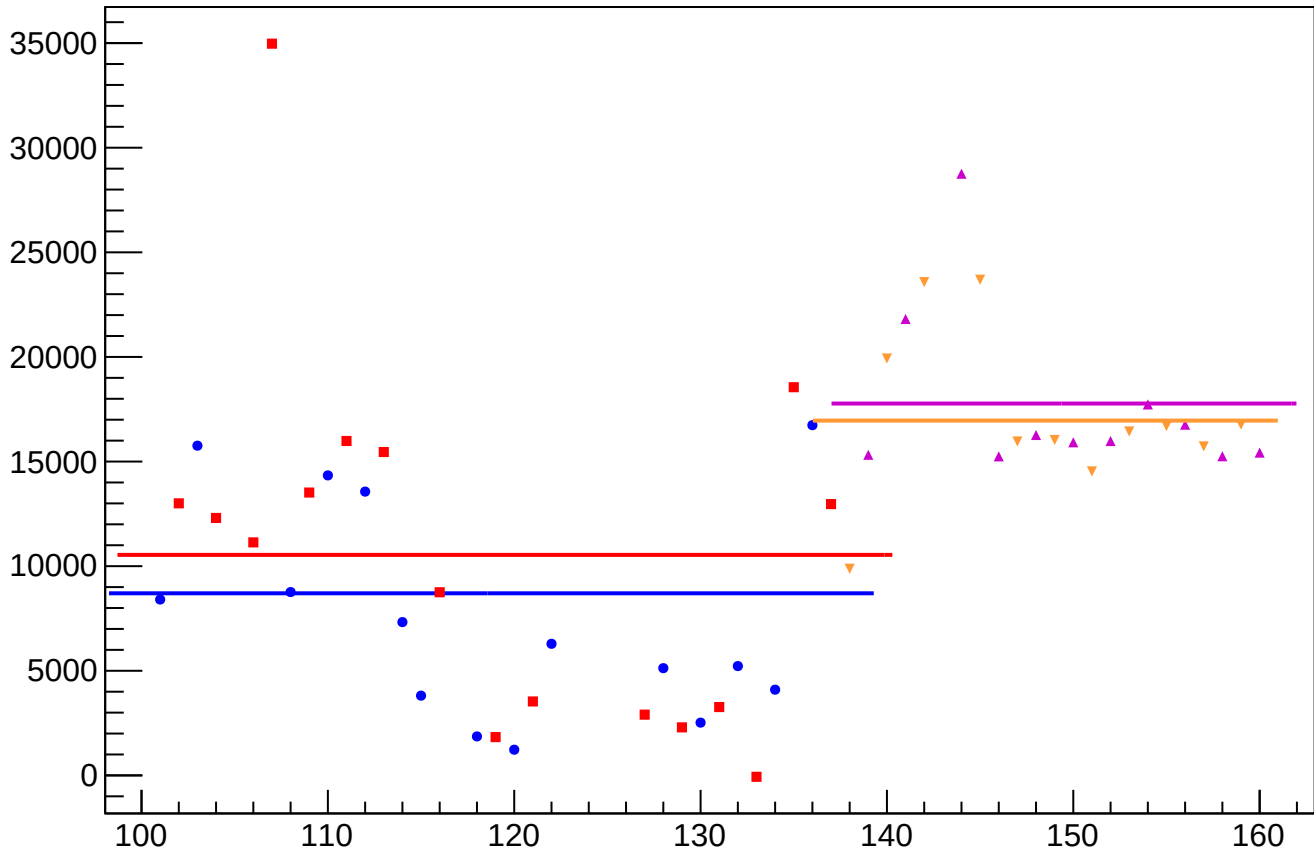
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

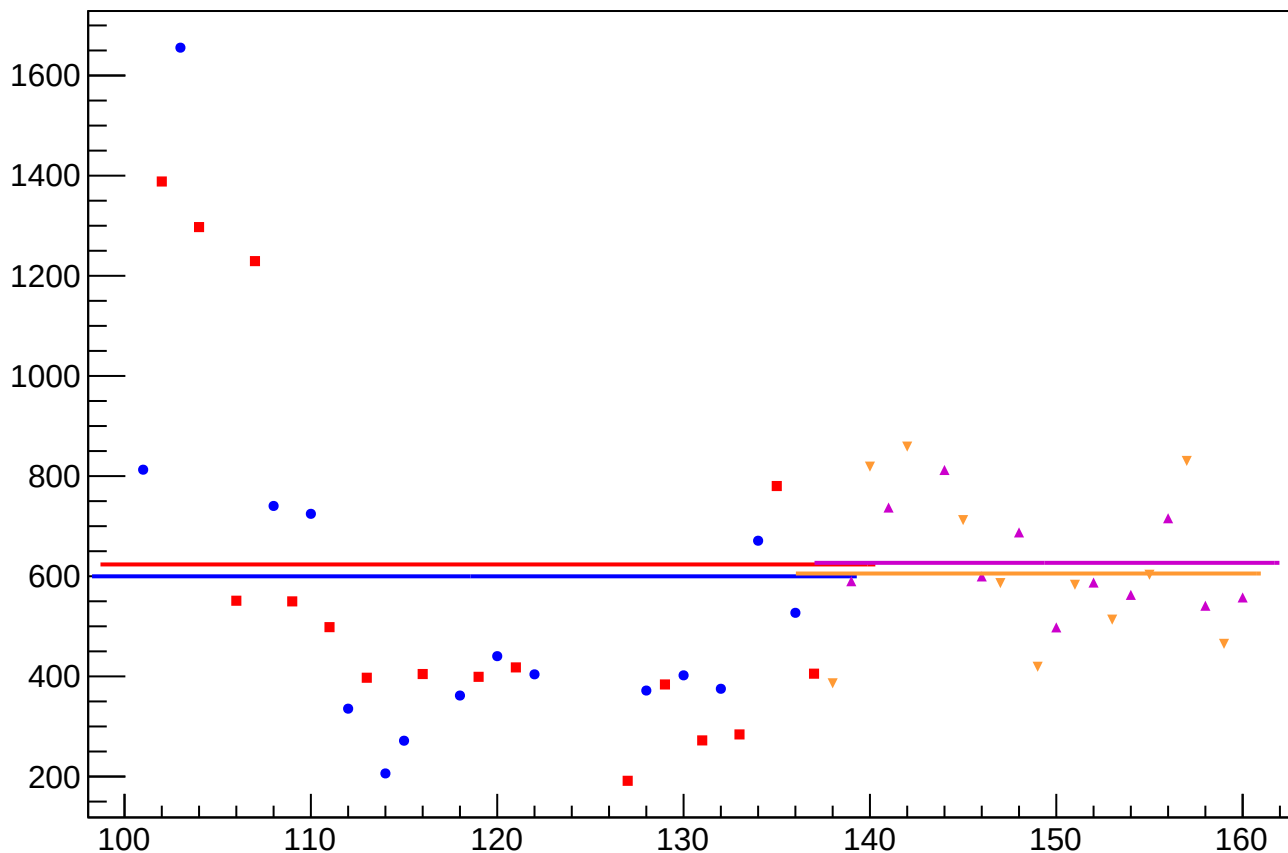
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16957.575+/-0.000 χ^2/NDF : 10938008625550561770285254297697243889664.0/10
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 17773.103+/-0.000 χ^2/NDF : 14926066991142889452676587552618632445952.0/10

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 603.023+/-0.000 χ^2/NDF : 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

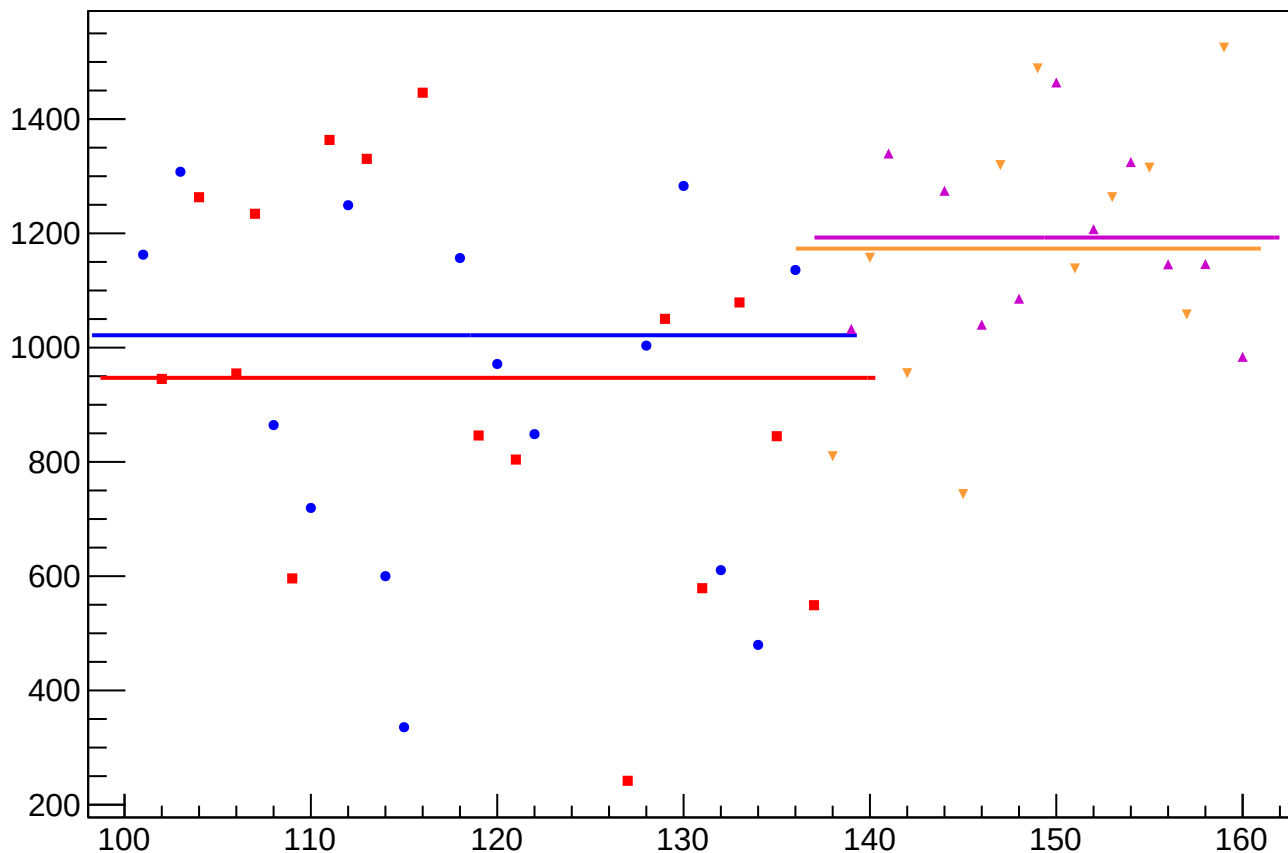
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1173.334+/-0.000 χ^2/NDF : 50259225692125439679244442751924699136.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

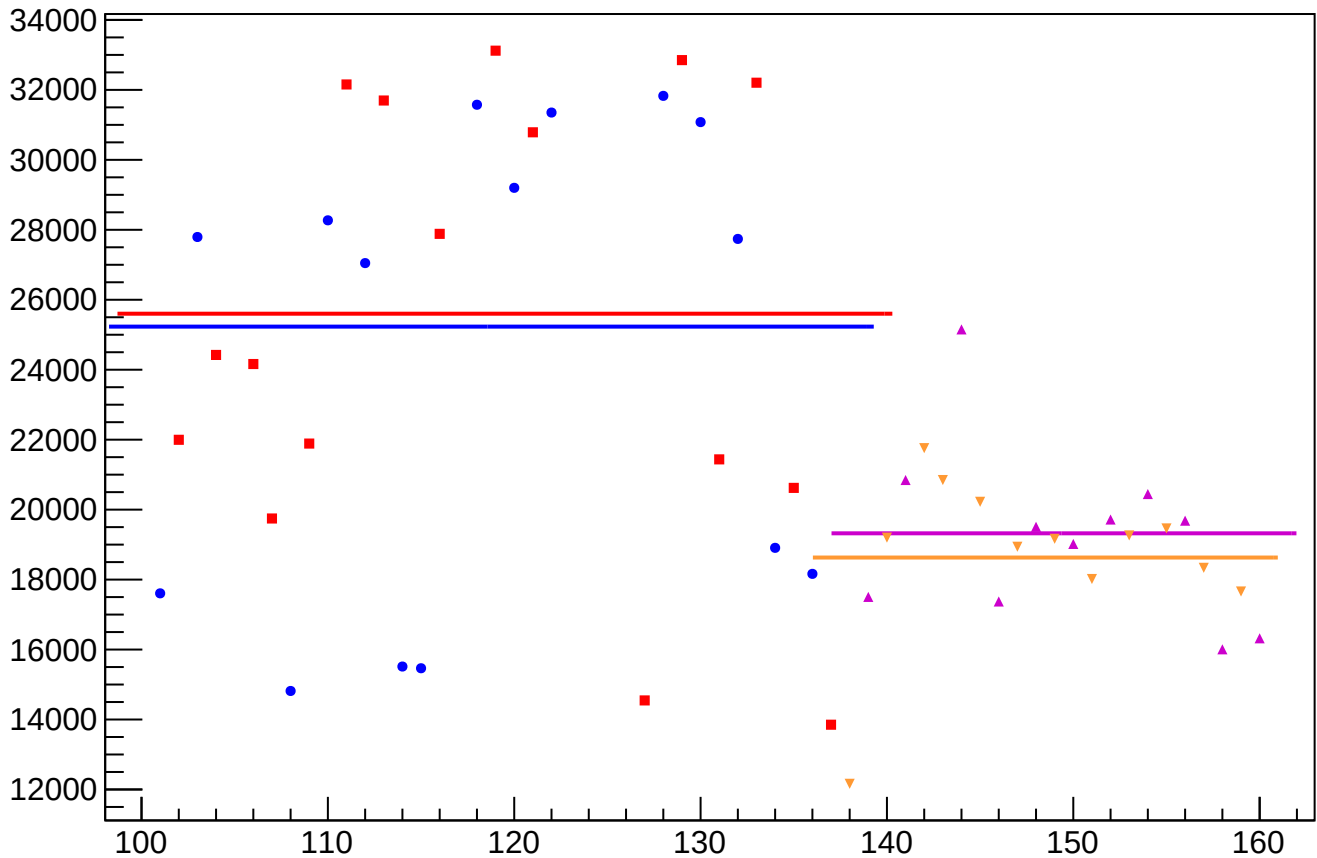
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1107.545+/-0.000 χ^2/NDF : 99202805471874

All: 1098.373+/-0.000 χ^2/NDF : 20984187795

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

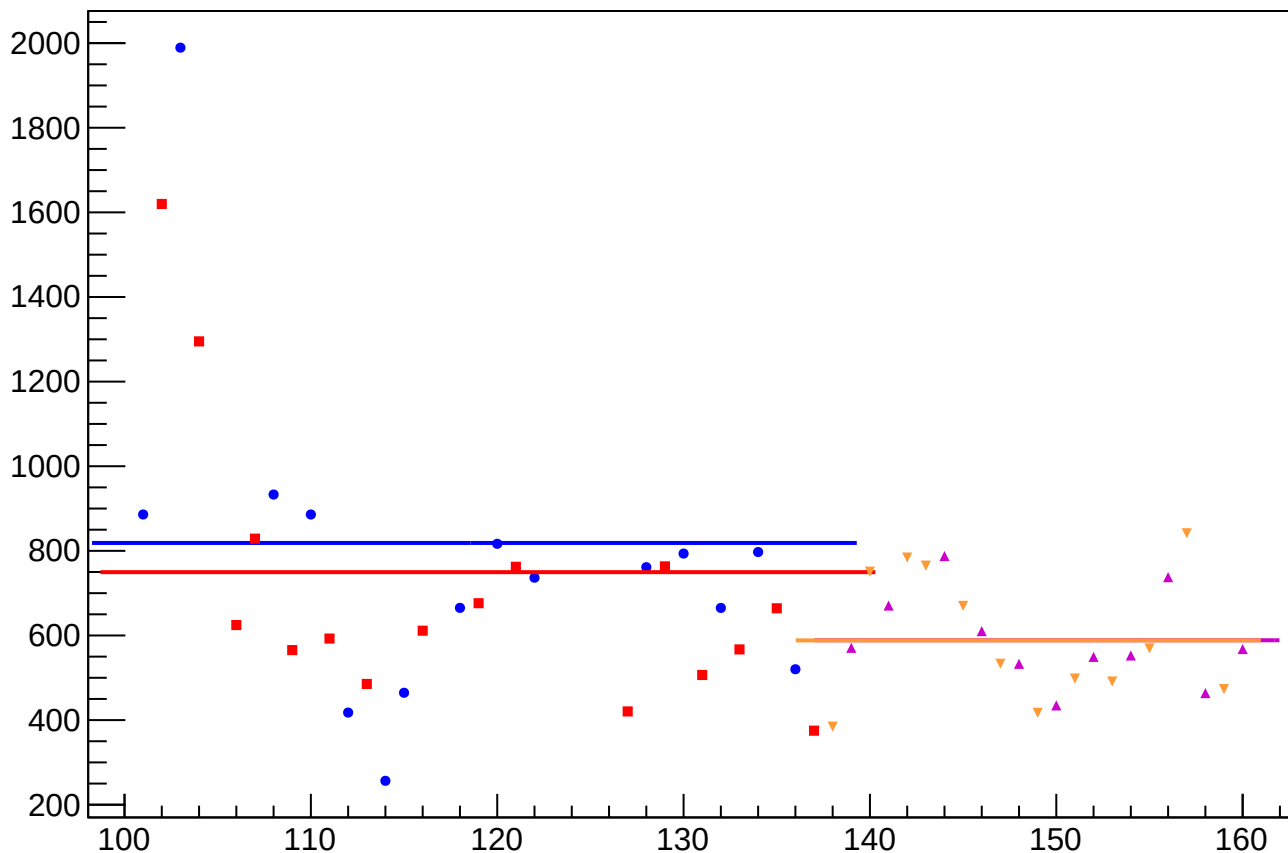
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18630.609+/-0.000	χ^2/NDF : 4499157177792733453337123782201790431232.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21371.781+/-0.000 χ^2/NDF : 4557364101800
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

+ sign 684.008+/-0.000 χ^2/NDF : 145791569069388

Left Out: 588.391+/-0.000 χ^2/NDF : 20060197377989114991296665666078113792.0/11

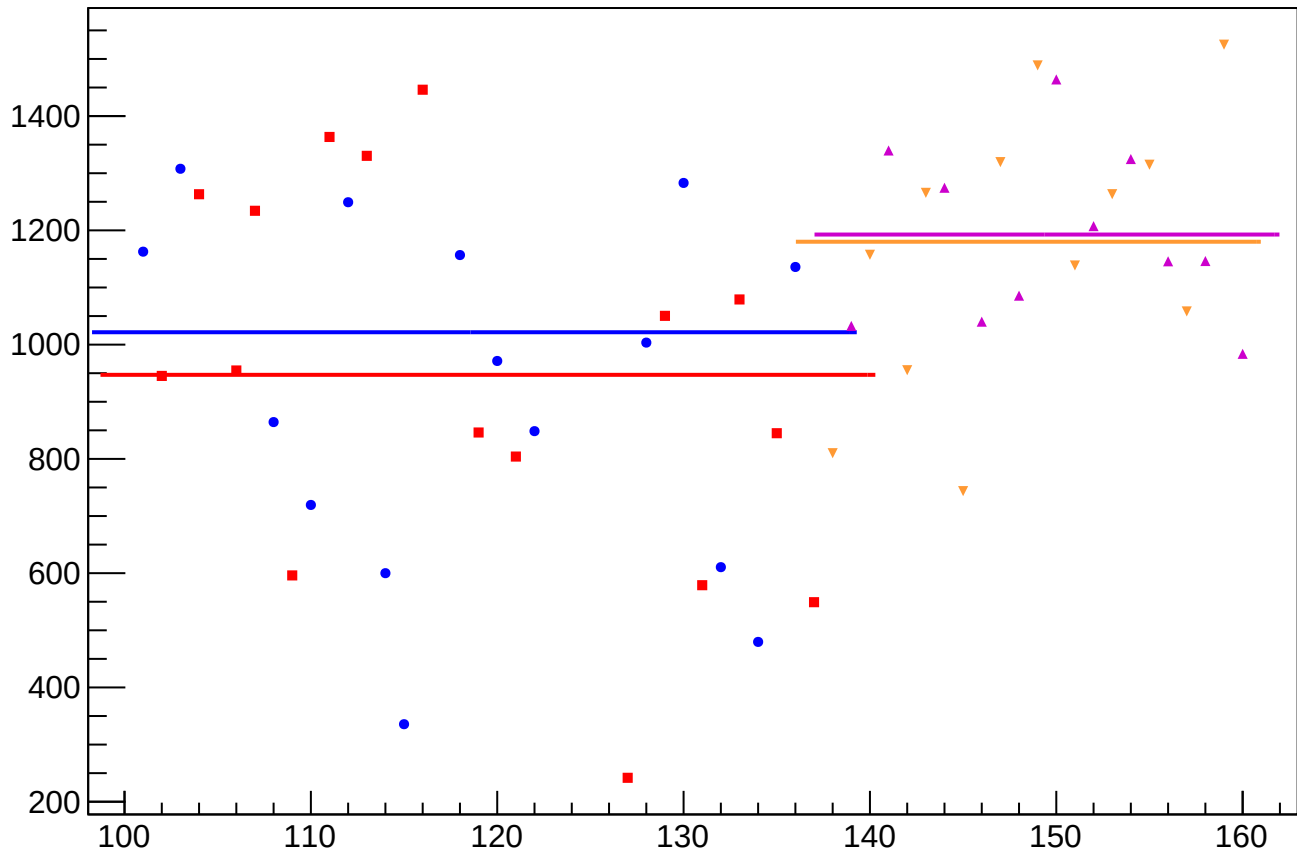
All: 669.969+/-0.000 χ^2/NDF : 244316509040

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

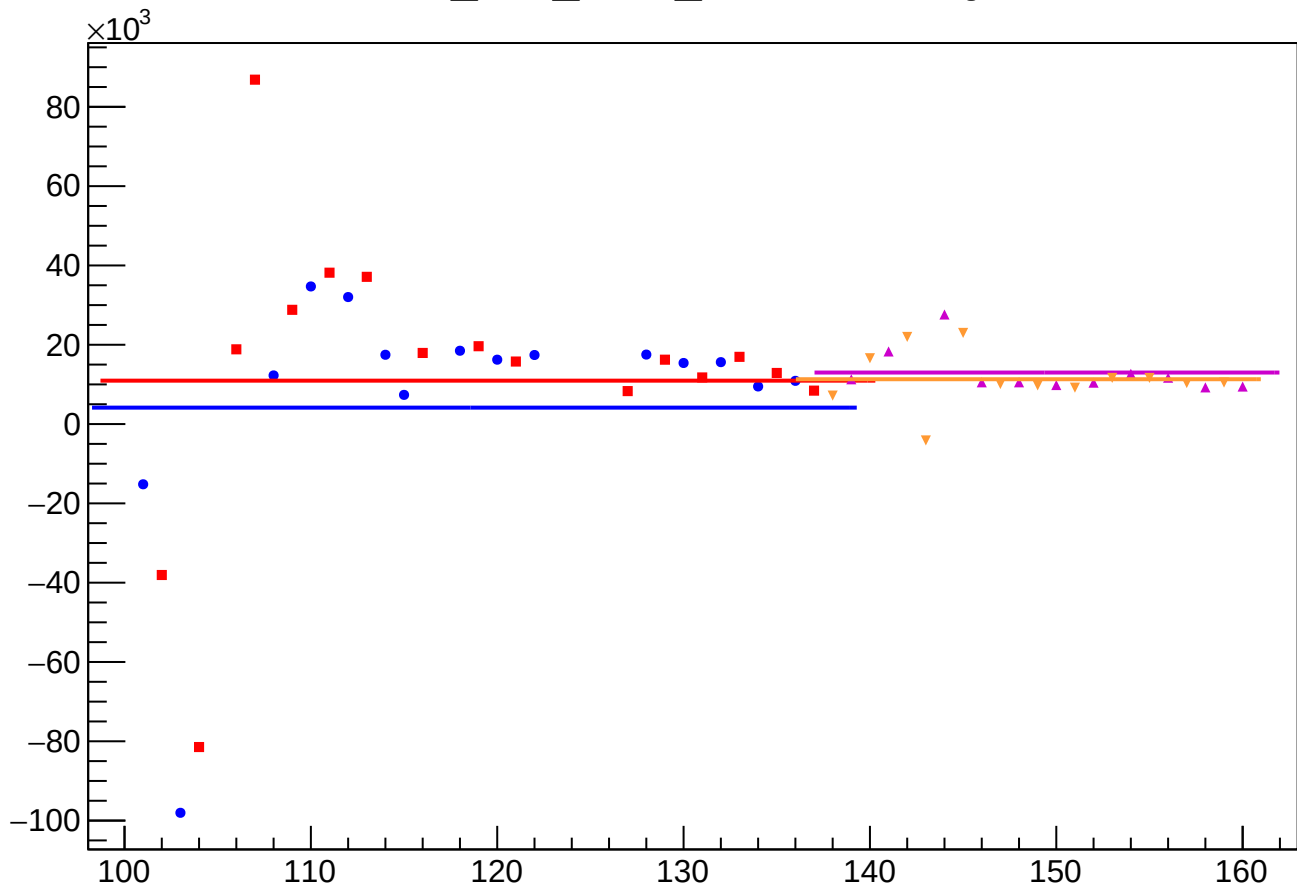
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



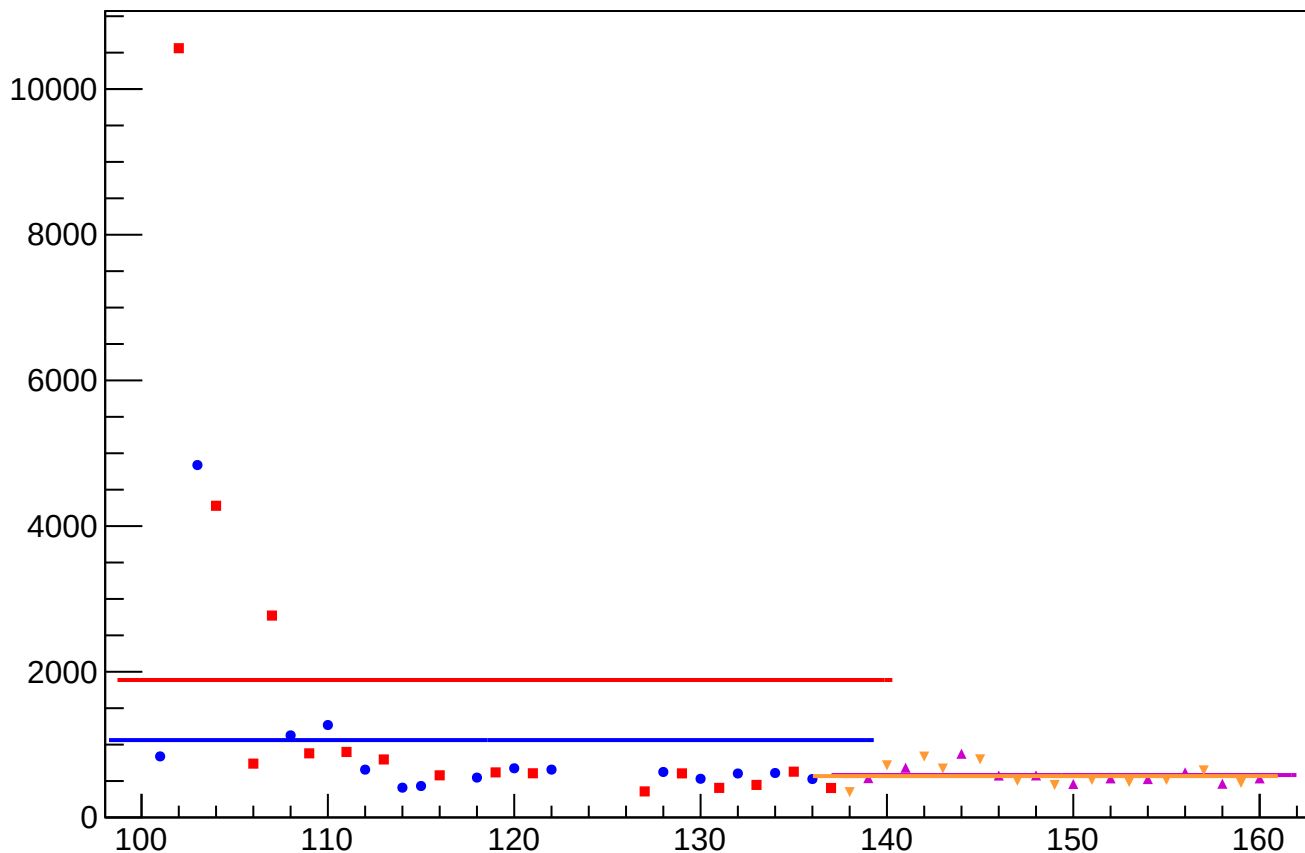
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

dit_atl1_coil7_mean vs Slug



Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



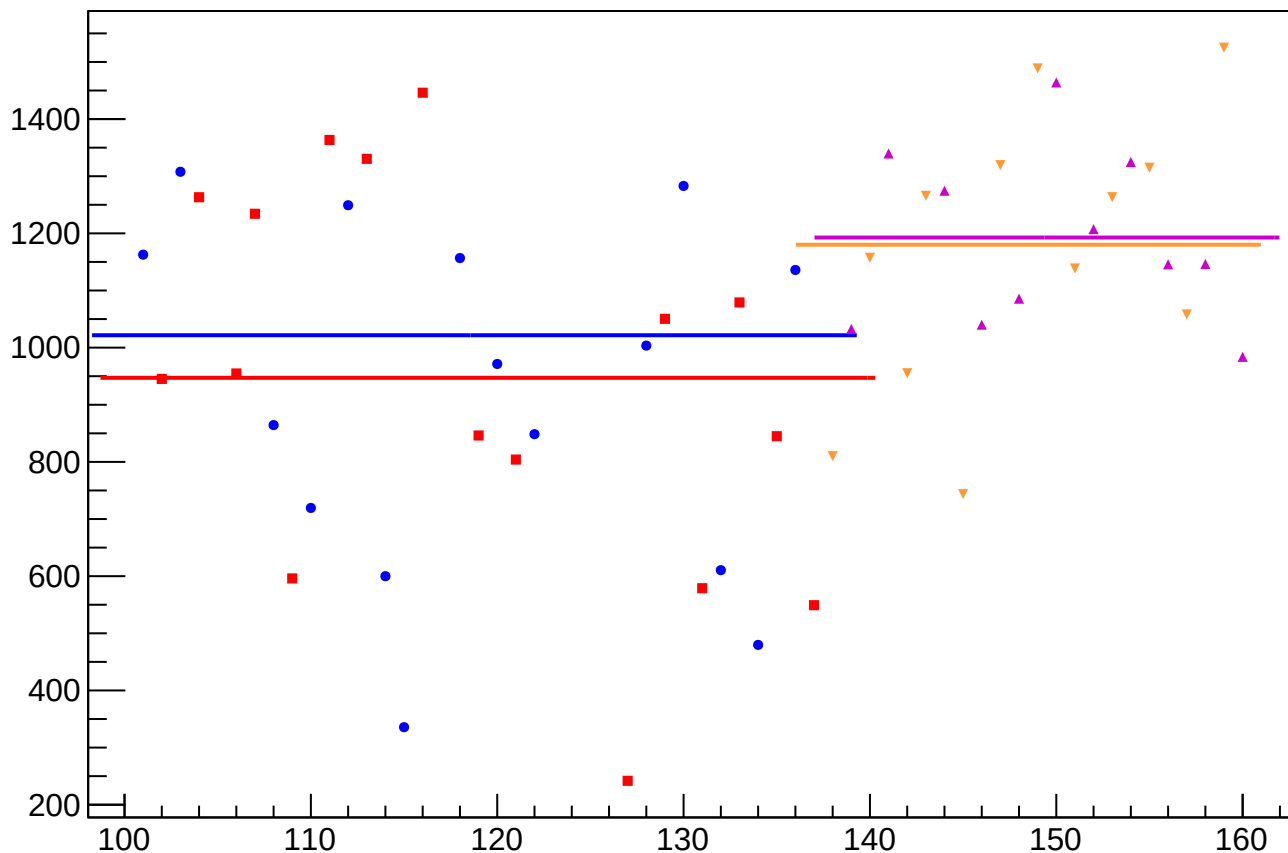
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 567.733+/-0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11

Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: 582.413+/-0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

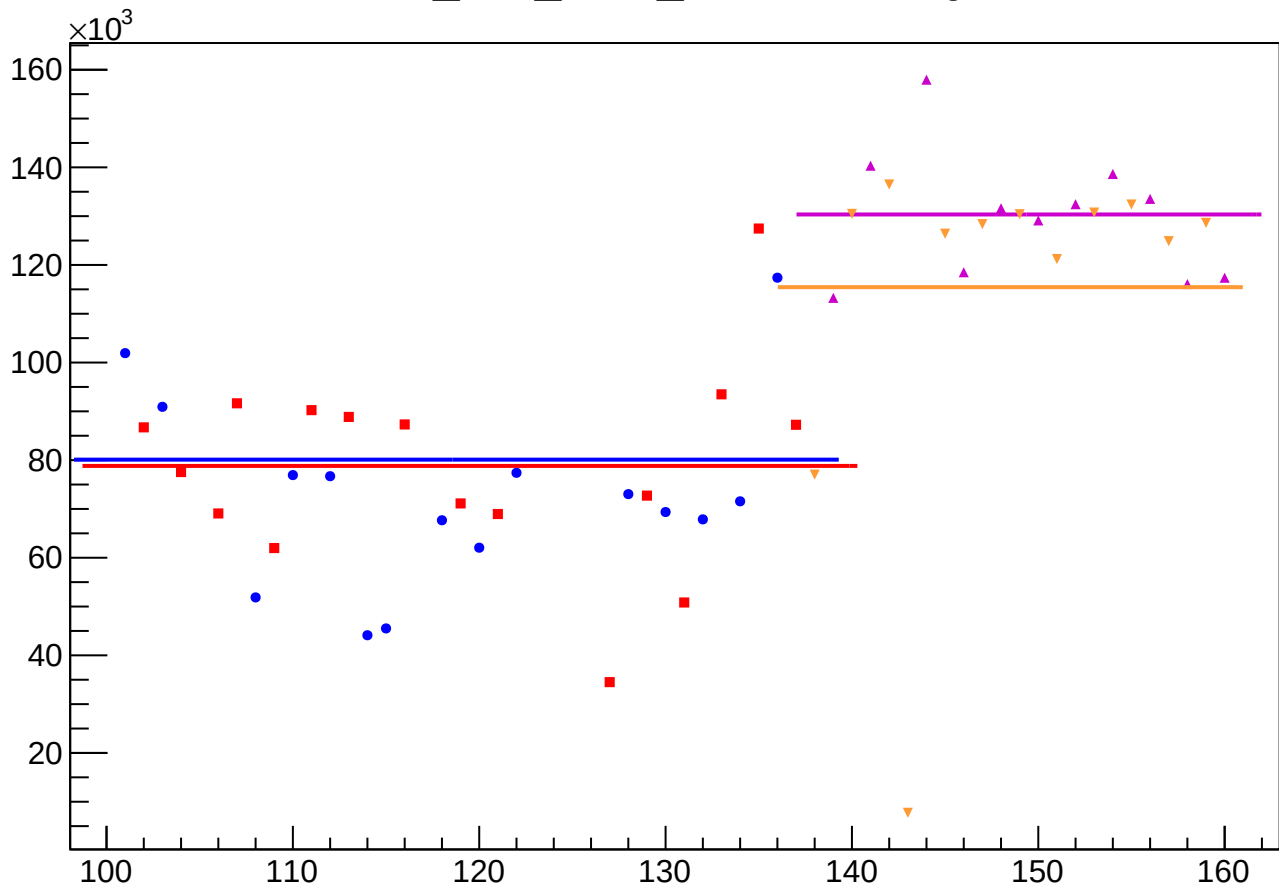
Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

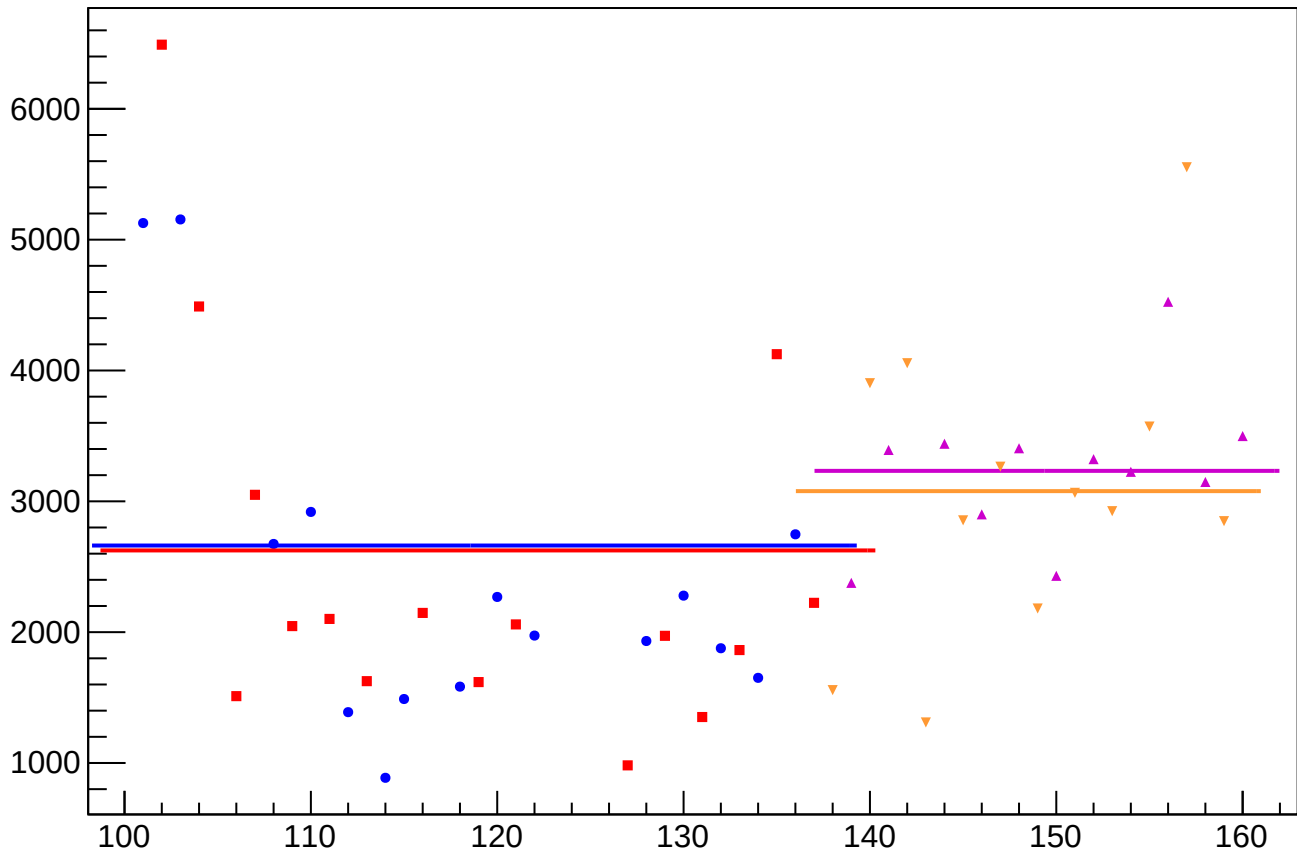
+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263
 All: 1101.926+/-0.000 χ^2/NDF : 21167730452
 - sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



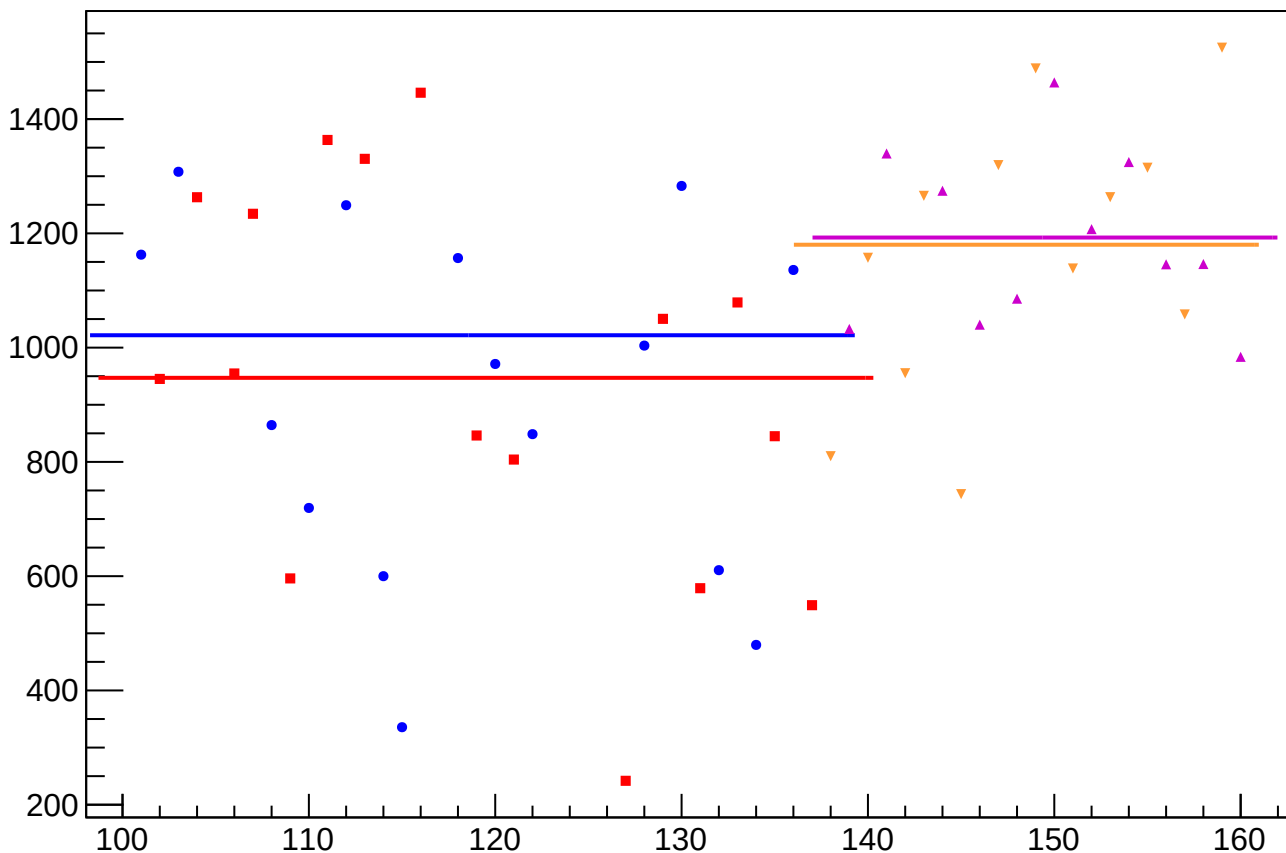
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 $\pm$ 0.000 χ^2 /NDF: 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 $\pm$ 0.000 χ^2 /NDF: 148174871015439819820100459279999278514176.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183 $\pm$ 0.000 χ^2 /NDF: 1031389230165640157864439705583367487488.0/14
 Left Out: 3077.945 $\pm$ 0.000 χ^2 /NDF: 1073709891492389198093936322660595138560.0/11
 Right Out: 2624.696 $\pm$ 0.000 χ^2 /NDF: 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879 $\pm$ 0.000 χ^2 /NDF: 275721007613891276741007240283331493888.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

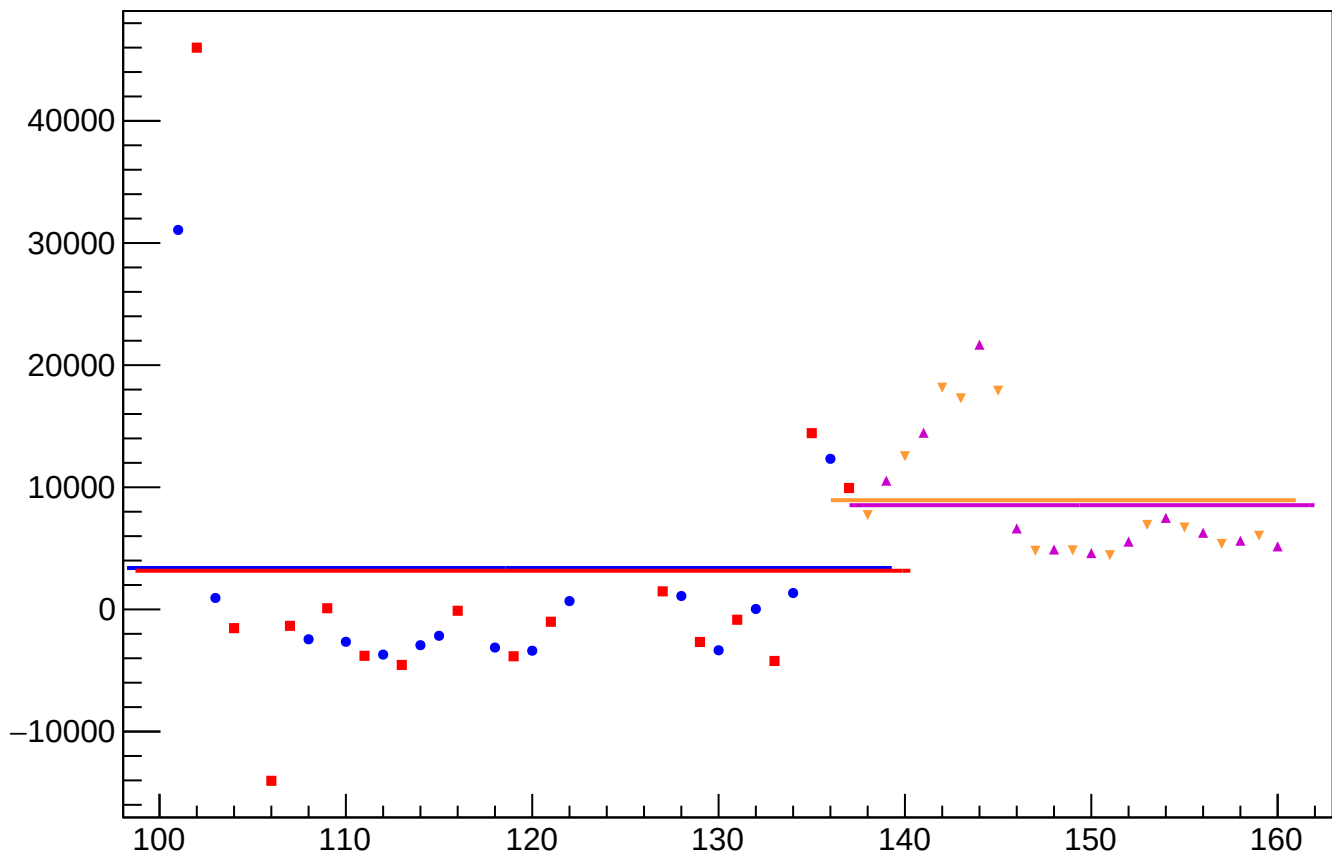
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

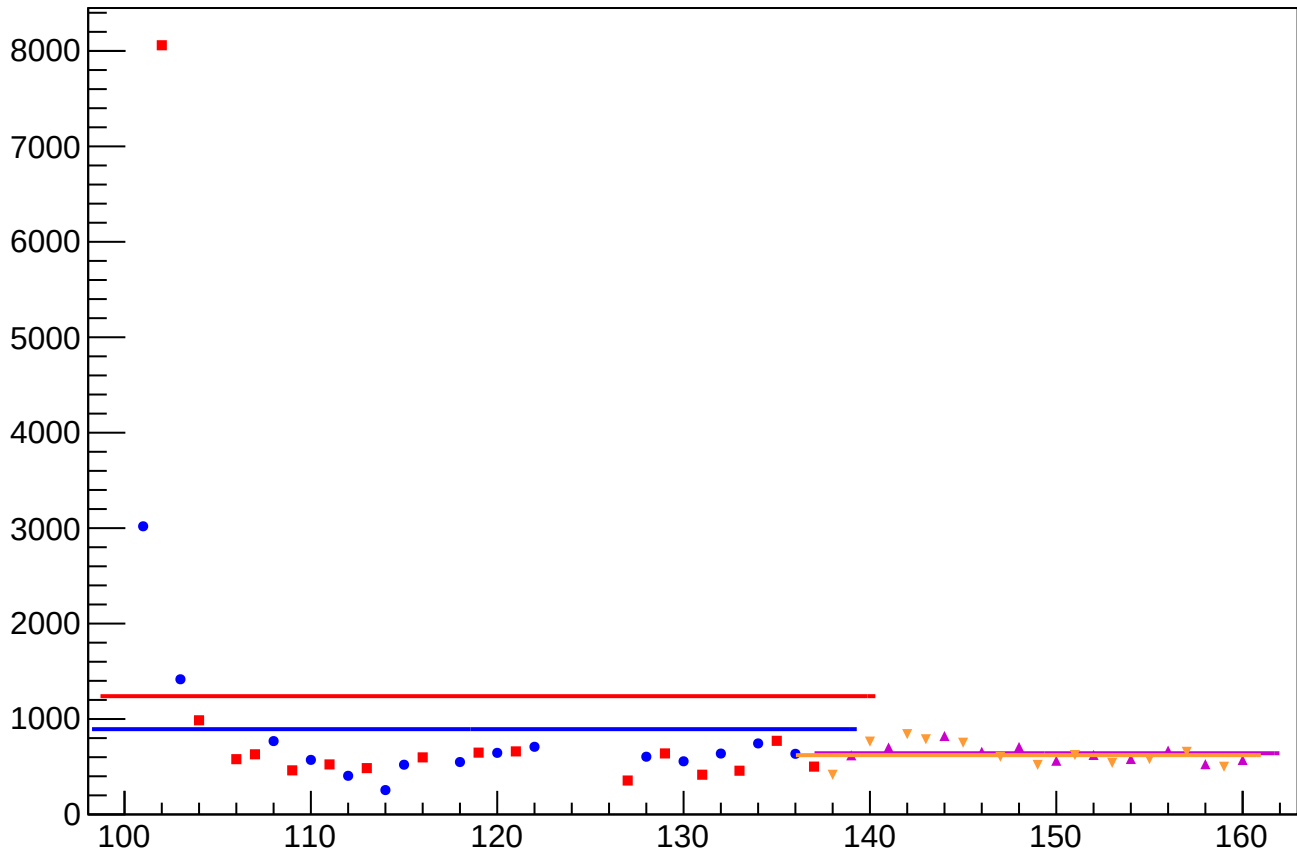
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

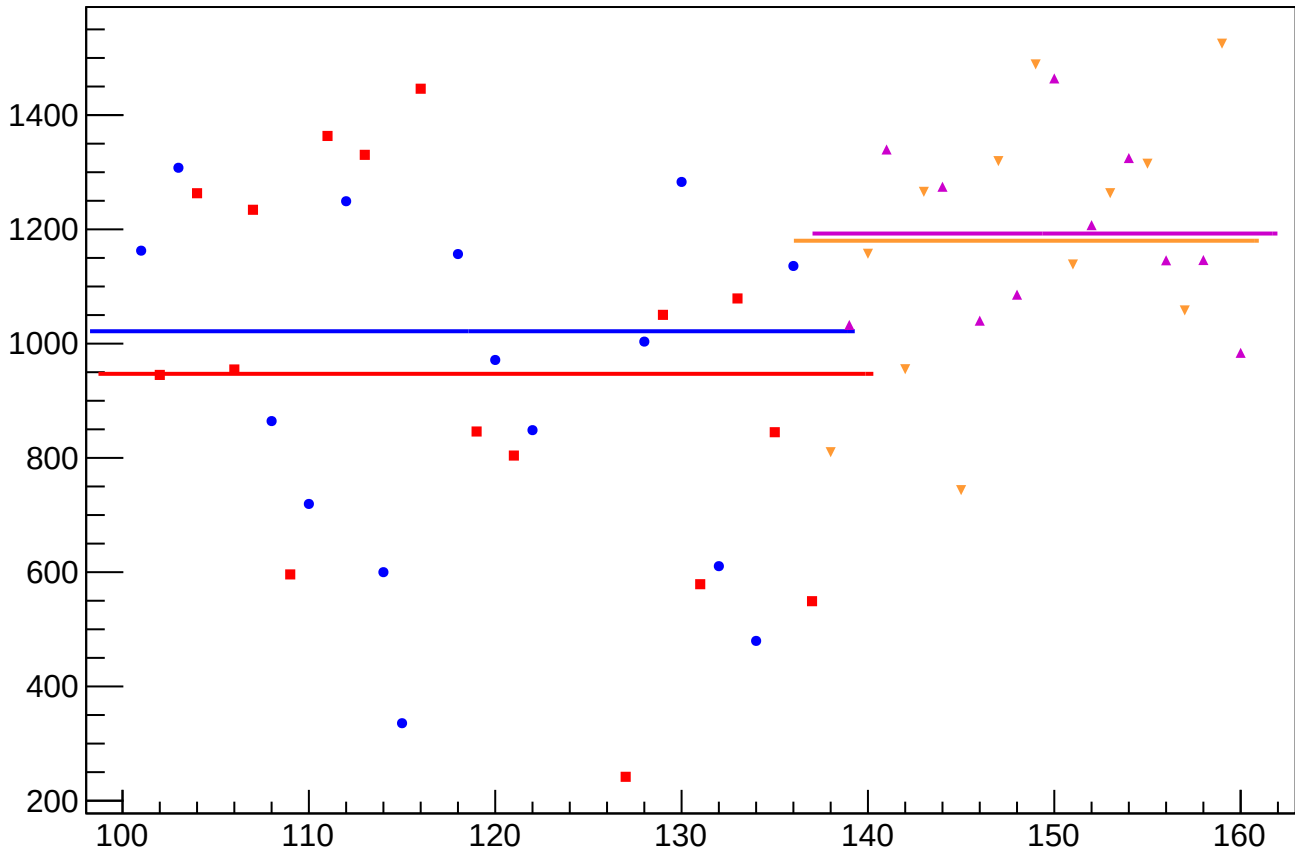
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

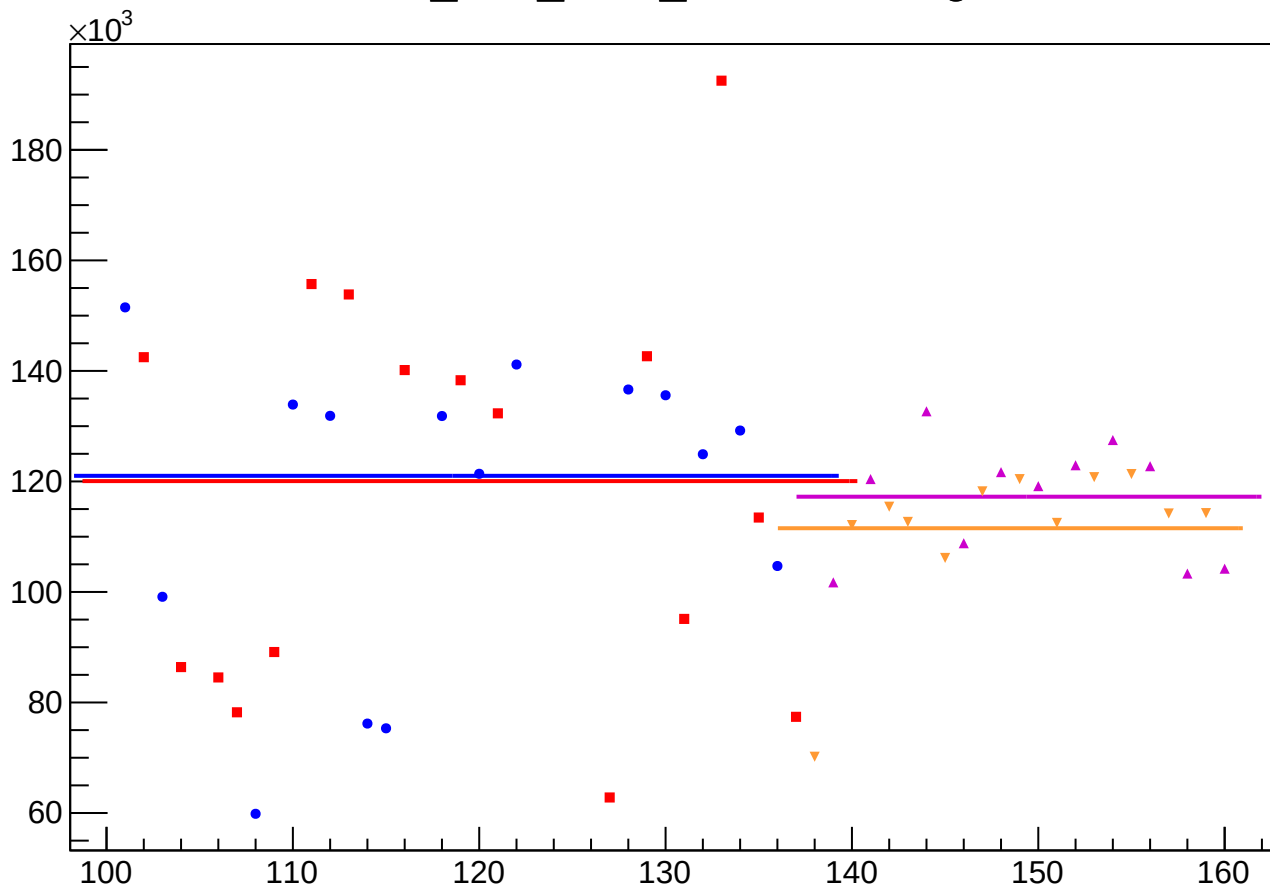
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



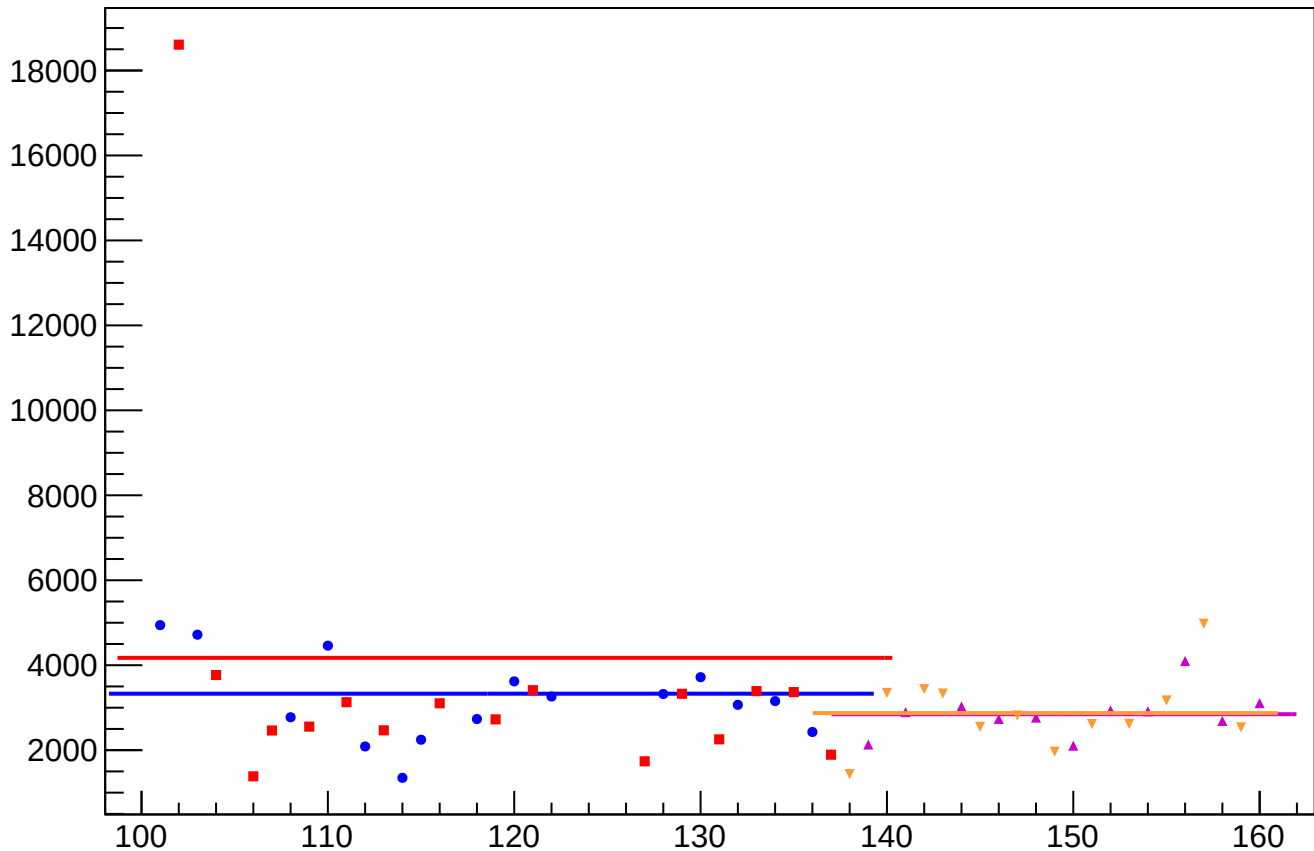
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atr2_coil7_mean vs Slug



Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111531.681 $\pm$ 0.000 χ^2 /NDF: 162724299829921950370834246417372913074176.0/11
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117237.465 $\pm$ 0.000 χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

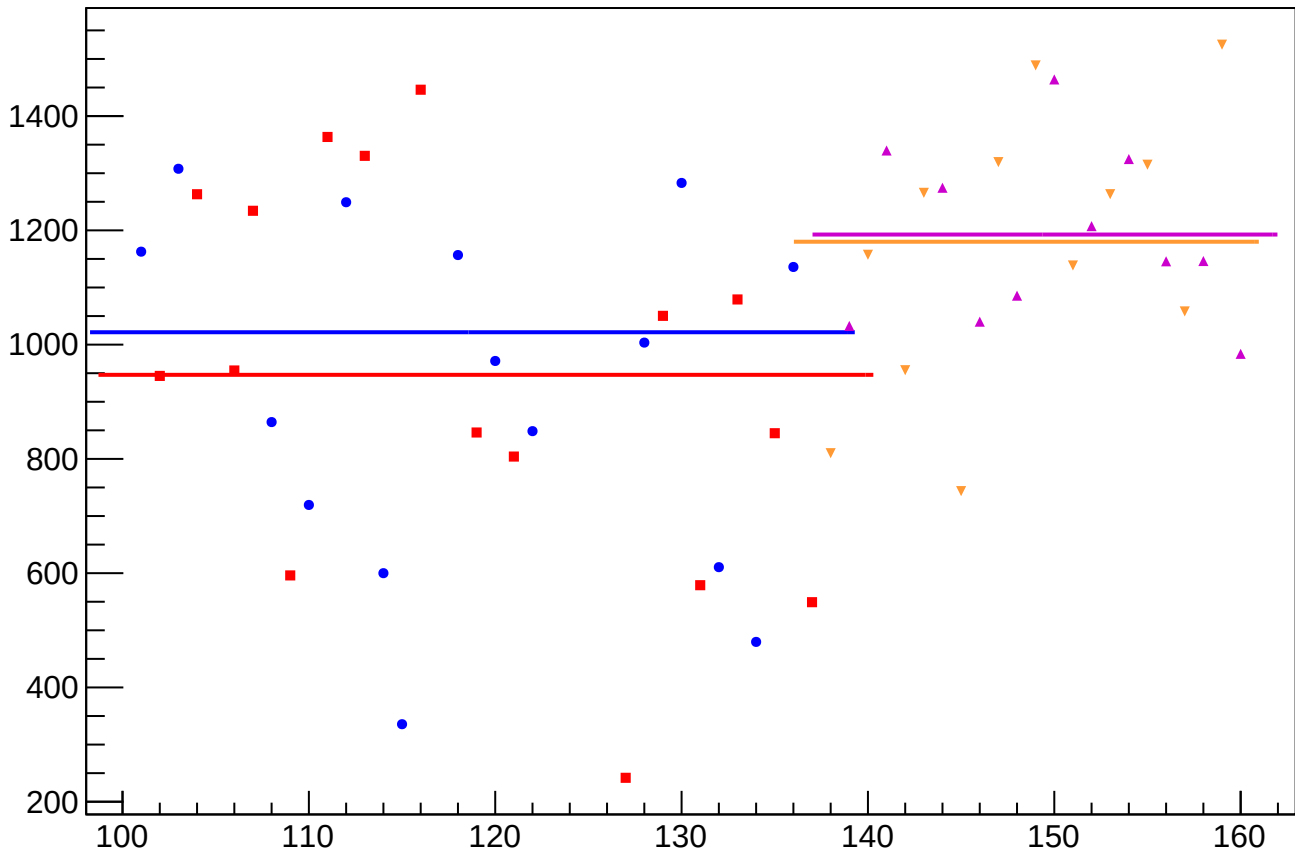
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567+/-0.000 χ^2/NDF : 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559+/-0.000 χ^2/NDF : 229557109736682123603885764134616170496.0/10

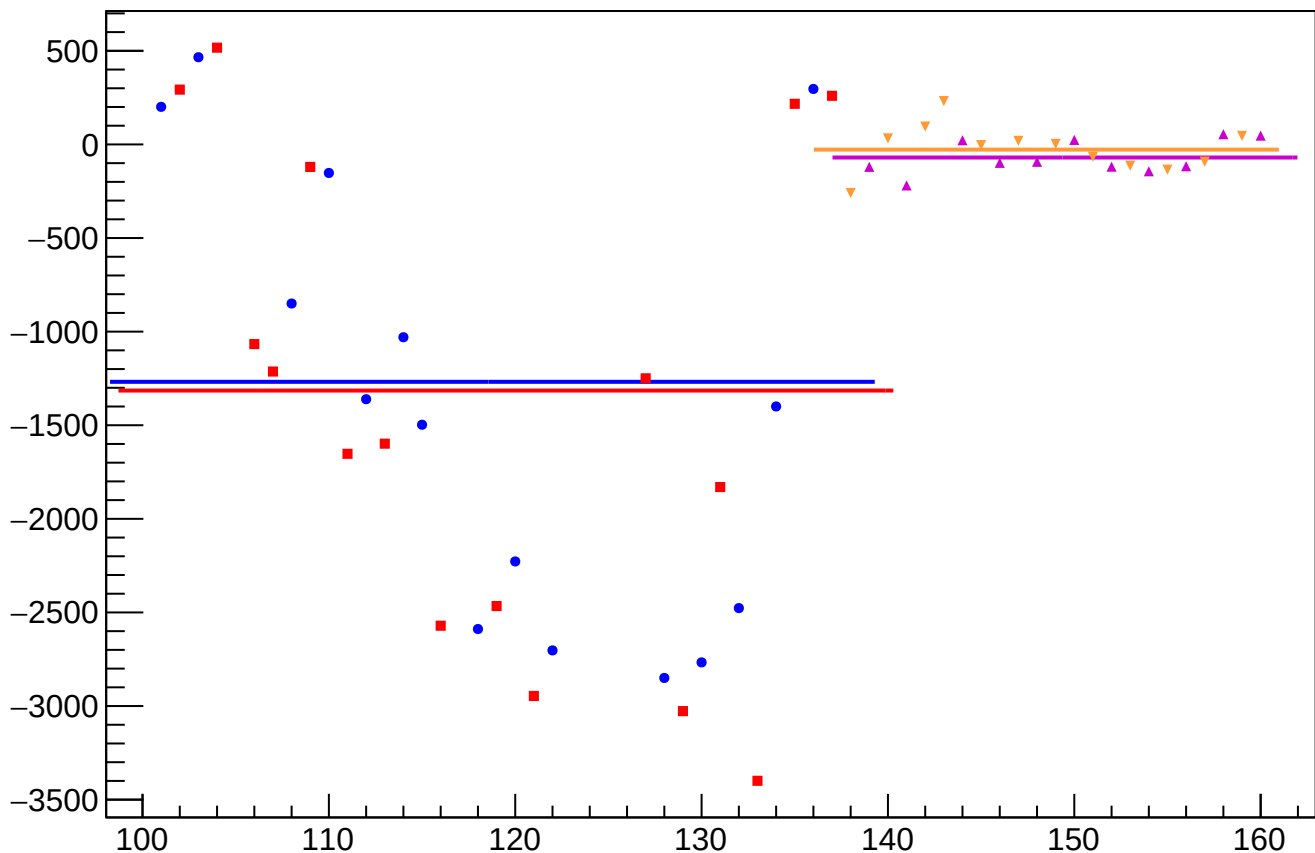
+ sign 3062.293+/-0.000 χ^2/NDF : 13091528183331
 All: 3234.072+/-0.000 χ^2/NDF : 15810392876
 - sign 3402.829+/-0.000 χ^2/NDF : 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



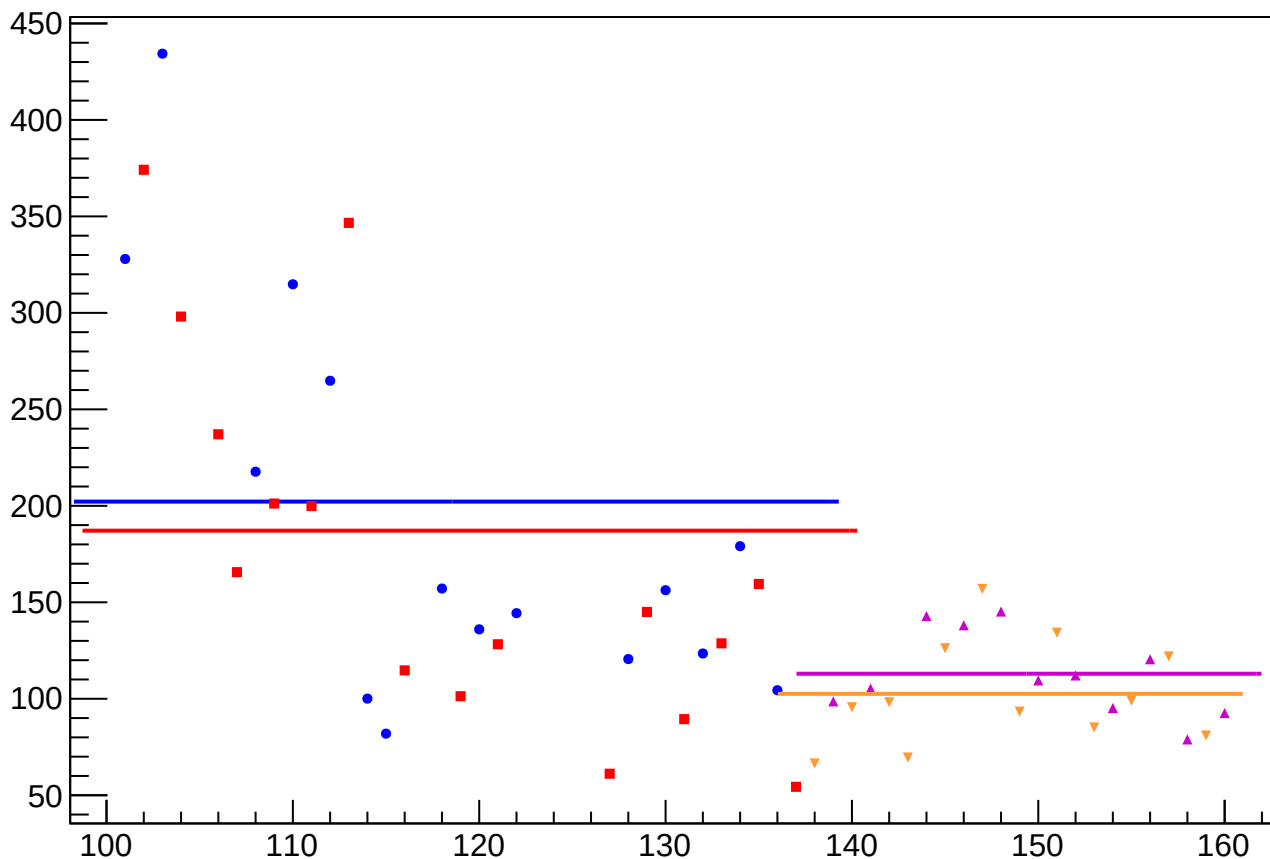
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -27.745+/-0.000 χ^2/NDF : 12401866293776389782406733193877127168.0/11
 Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -69.887+/-0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.547+/-0.000 χ^2/NDF : 631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

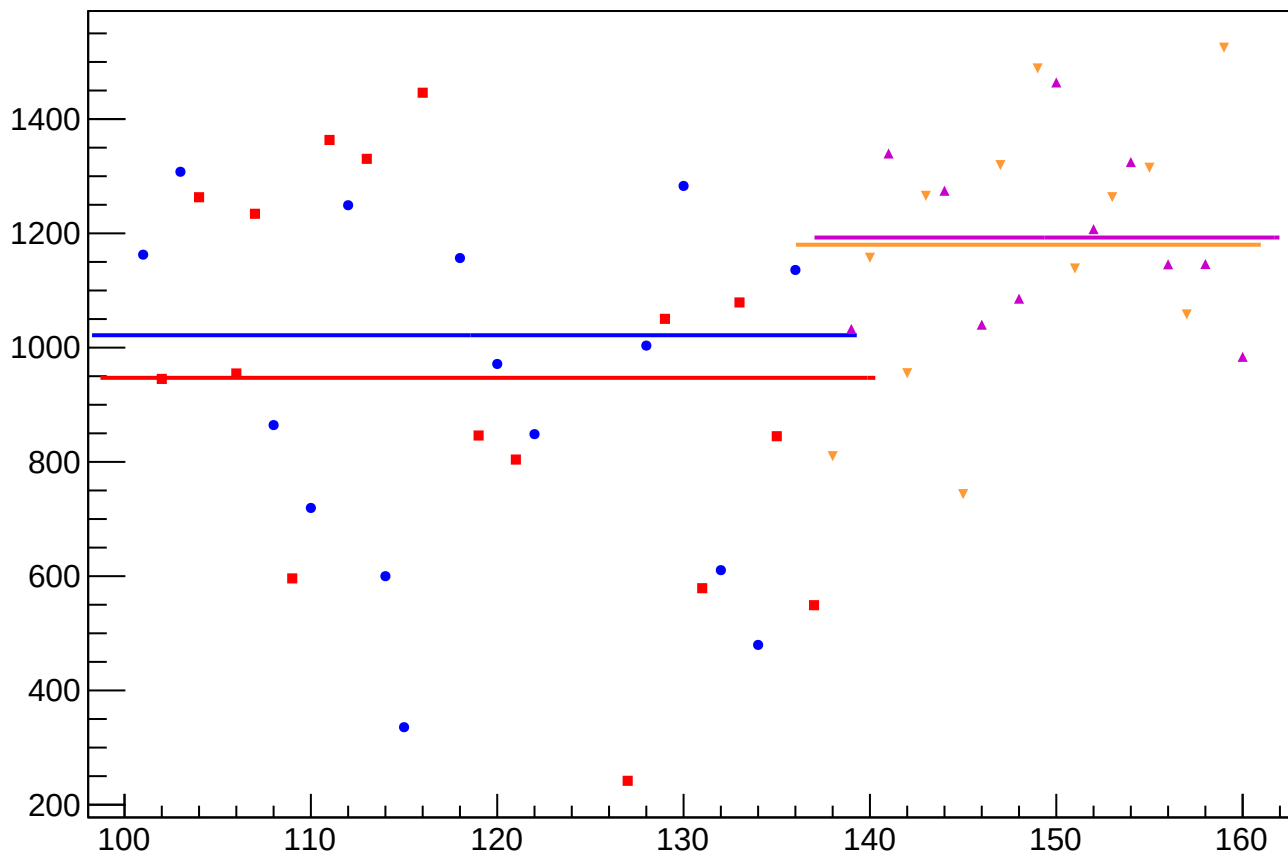
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF : 114280634979740

All: 143.994+/-0.000 χ^2/NDF : 20186723766

- sign 144.065+/-0.000 χ^2/NDF : 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

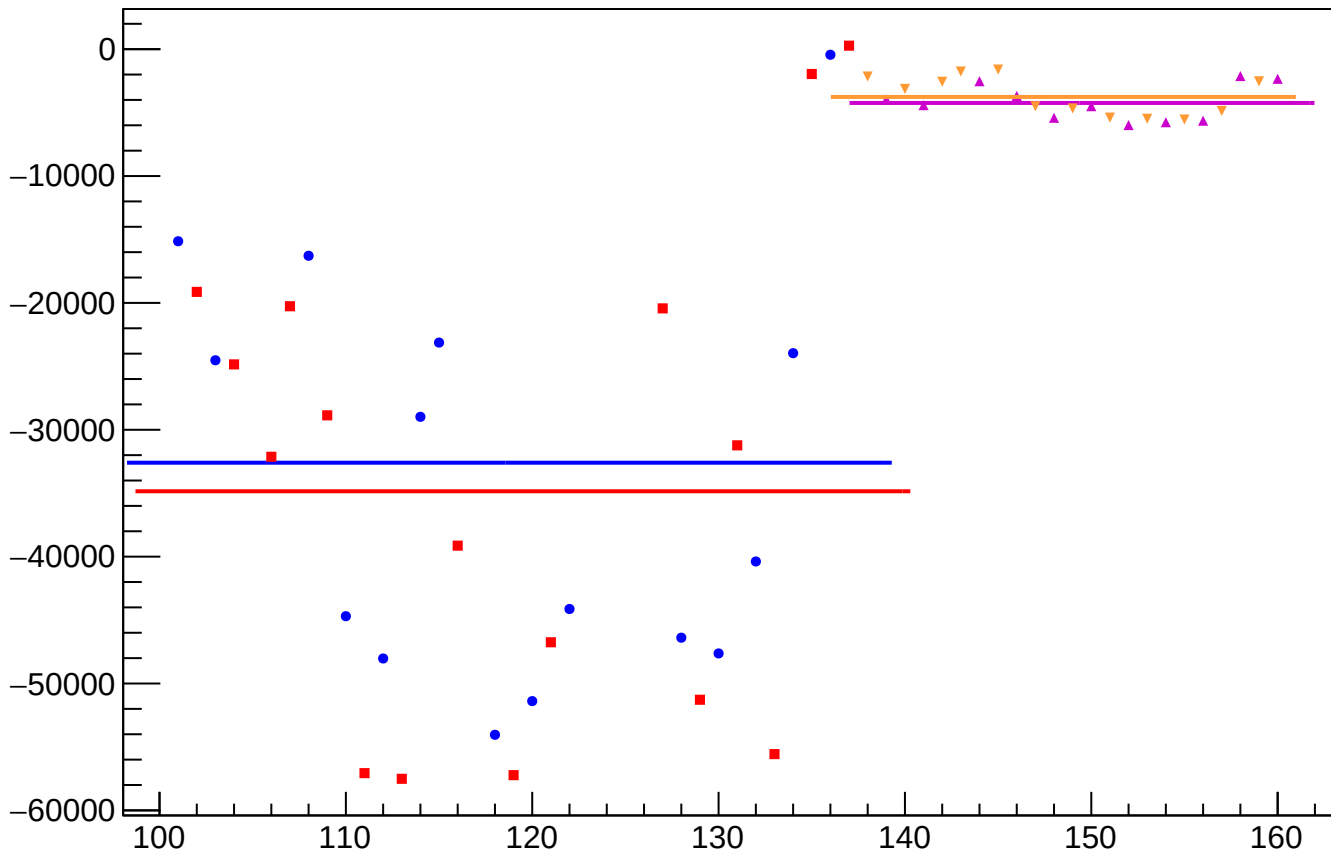
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

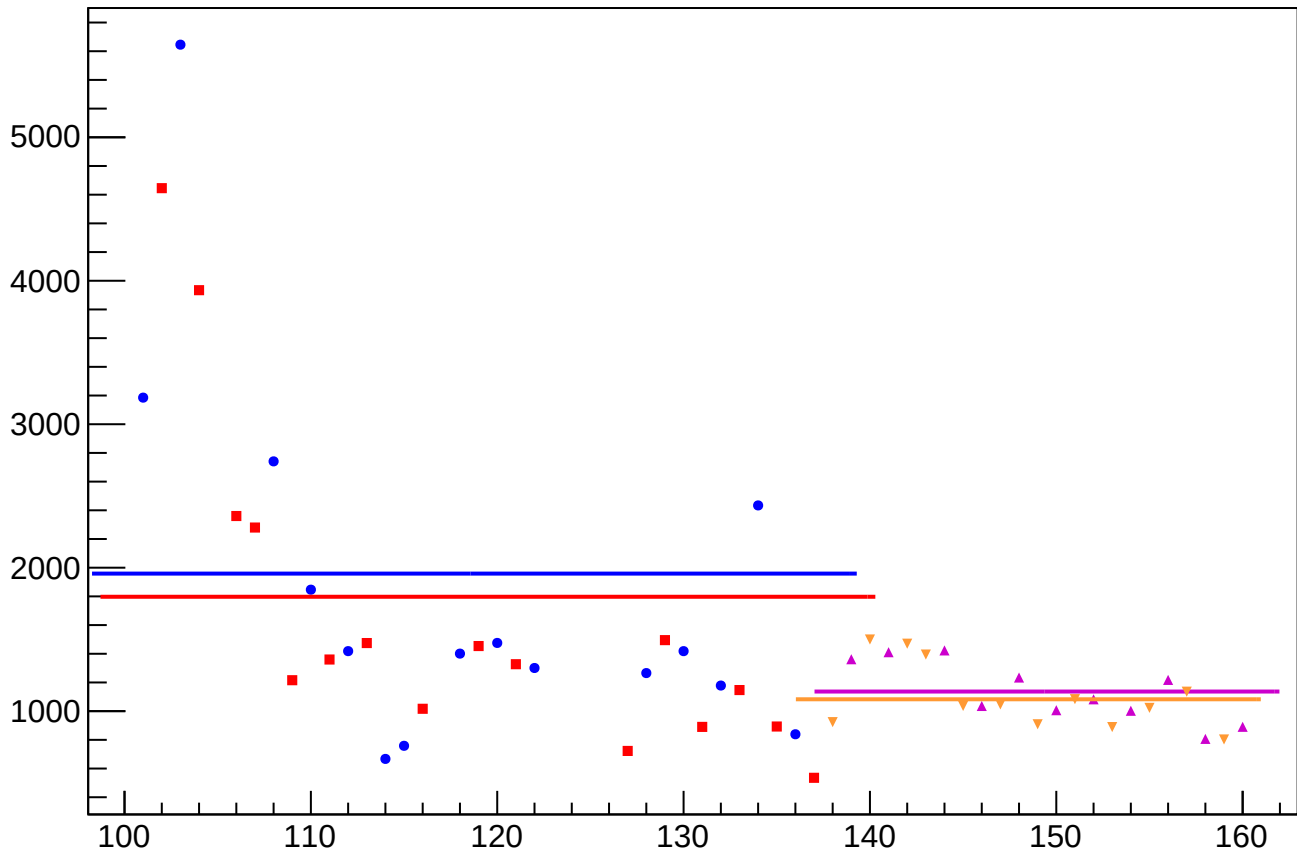
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam2_coil7_mean vs Slug



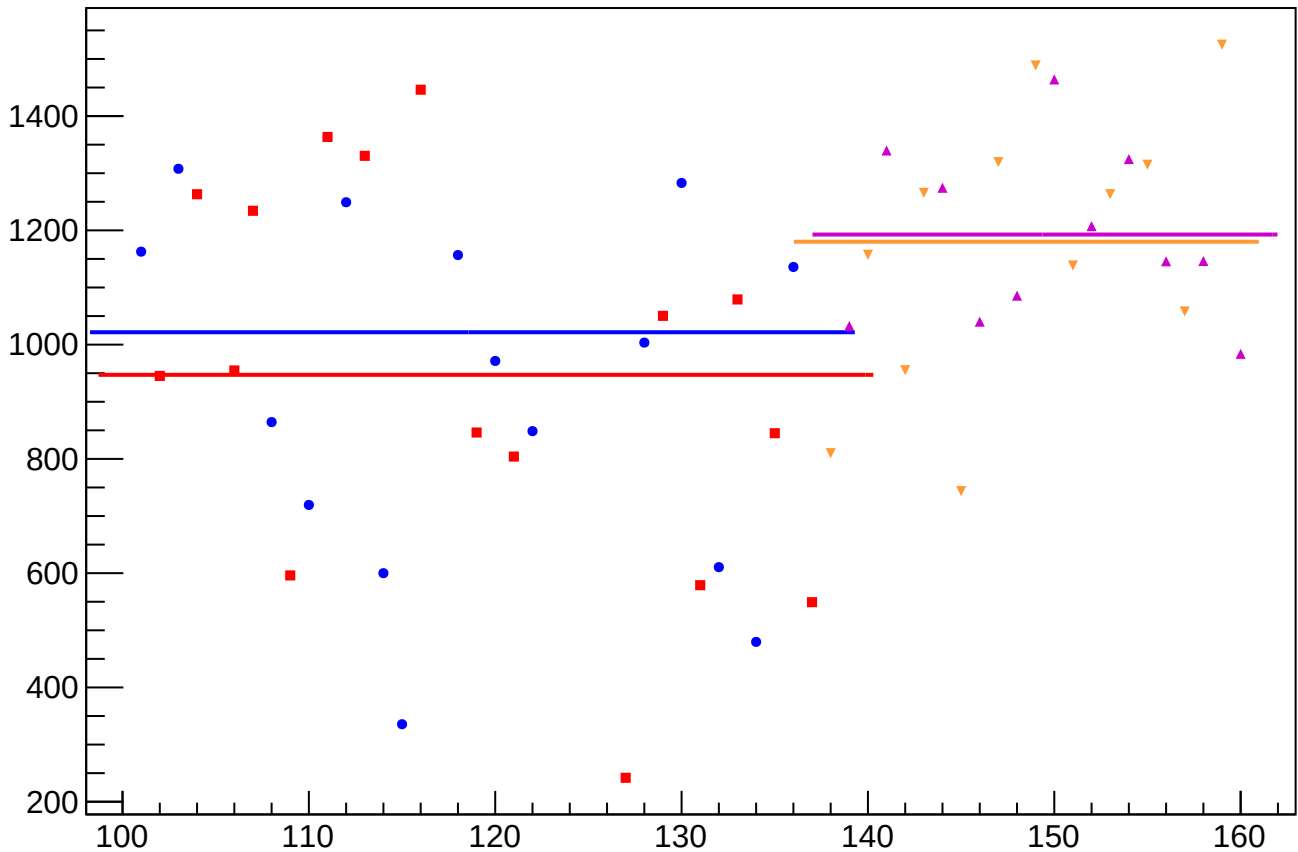
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



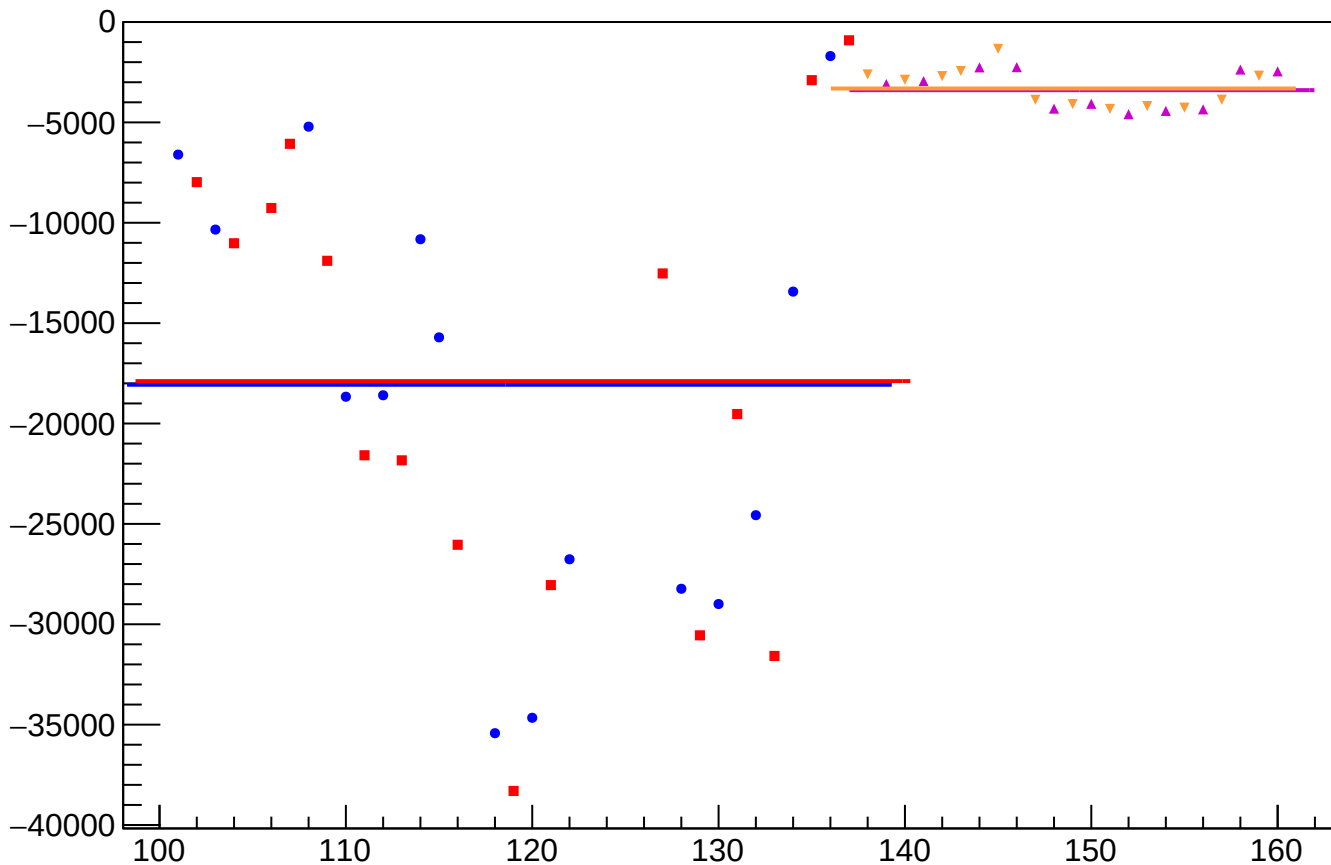
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10
 All: 1429.975+/-0.000 χ^2/NDF : 26847153341
 + sign 1446.535+/-0.000 χ^2/NDF : 15230348570712
 - sign 1413.706+/-0.000 χ^2/NDF : 11608307427850

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14

+ sign -9439.320+/-0.000 χ^2/NDF : 1677312300640

Left Out: -3312.000+/-0.000 χ^2/NDF : 776933675153970093414497932746986356736.0/11

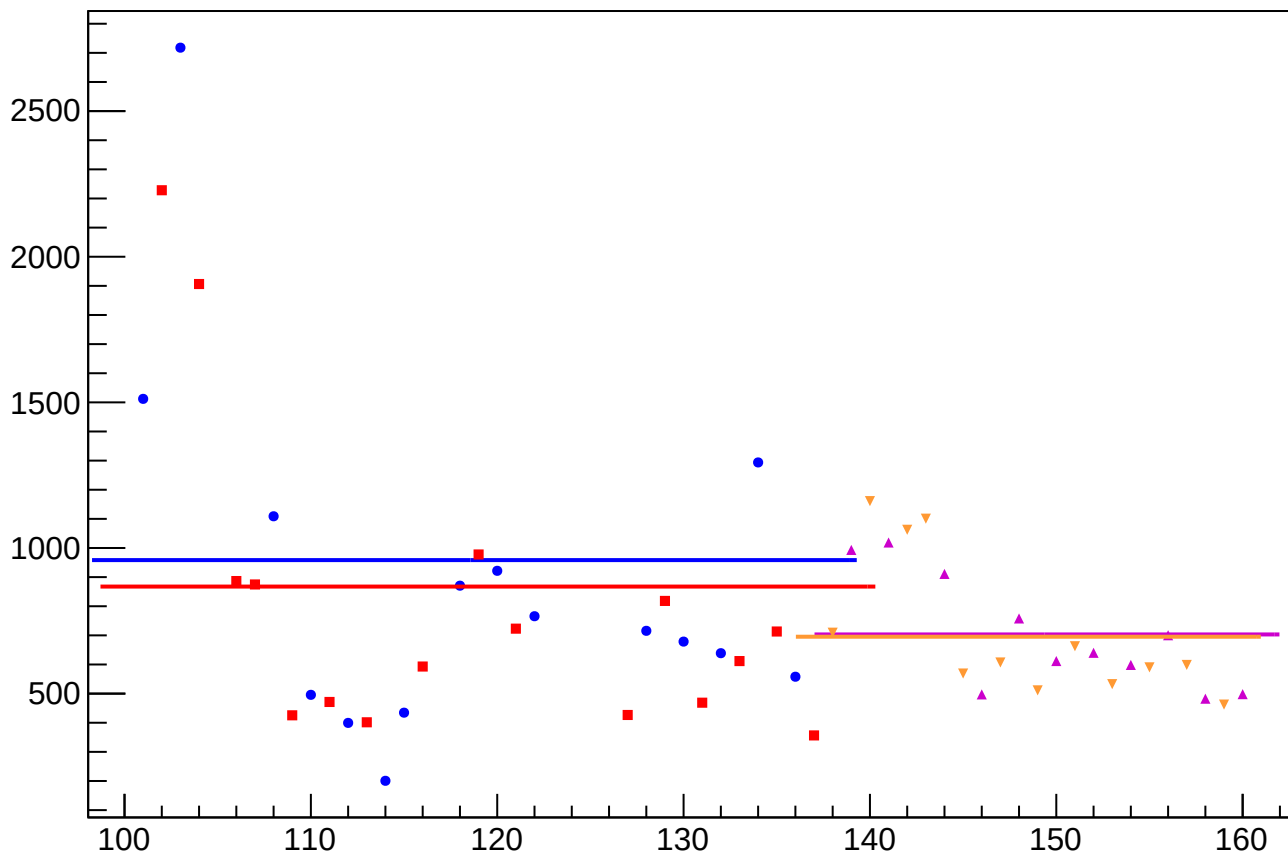
All: -9455.112+/-0.000 χ^2/NDF : 3283182119

Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15

- sign -9470.625+/-0.000 χ^2/NDF : 16058620926357

Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

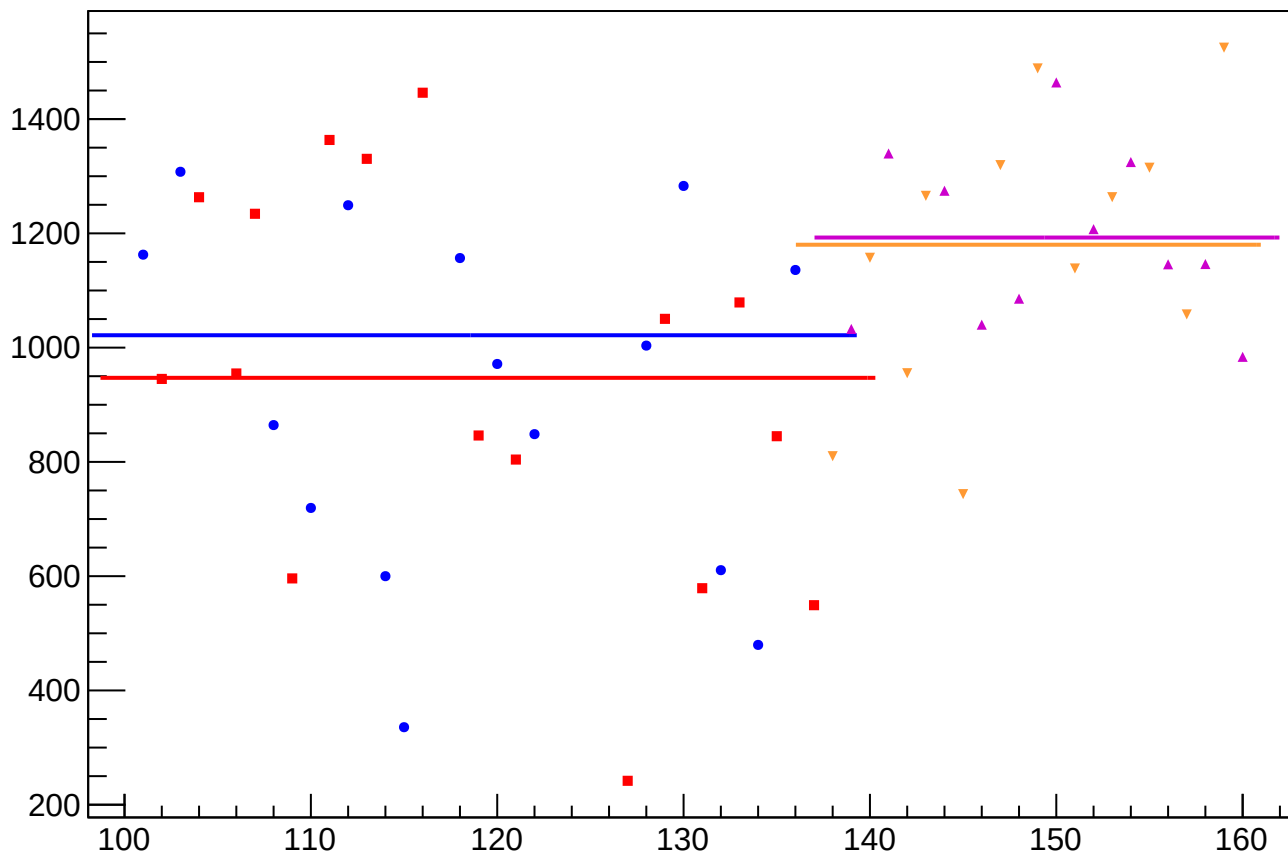
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 804.584+/-0.000 χ^2/NDF : 338998928620433

All: 788.186+/-0.000 χ^2/NDF : 598468024963

- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

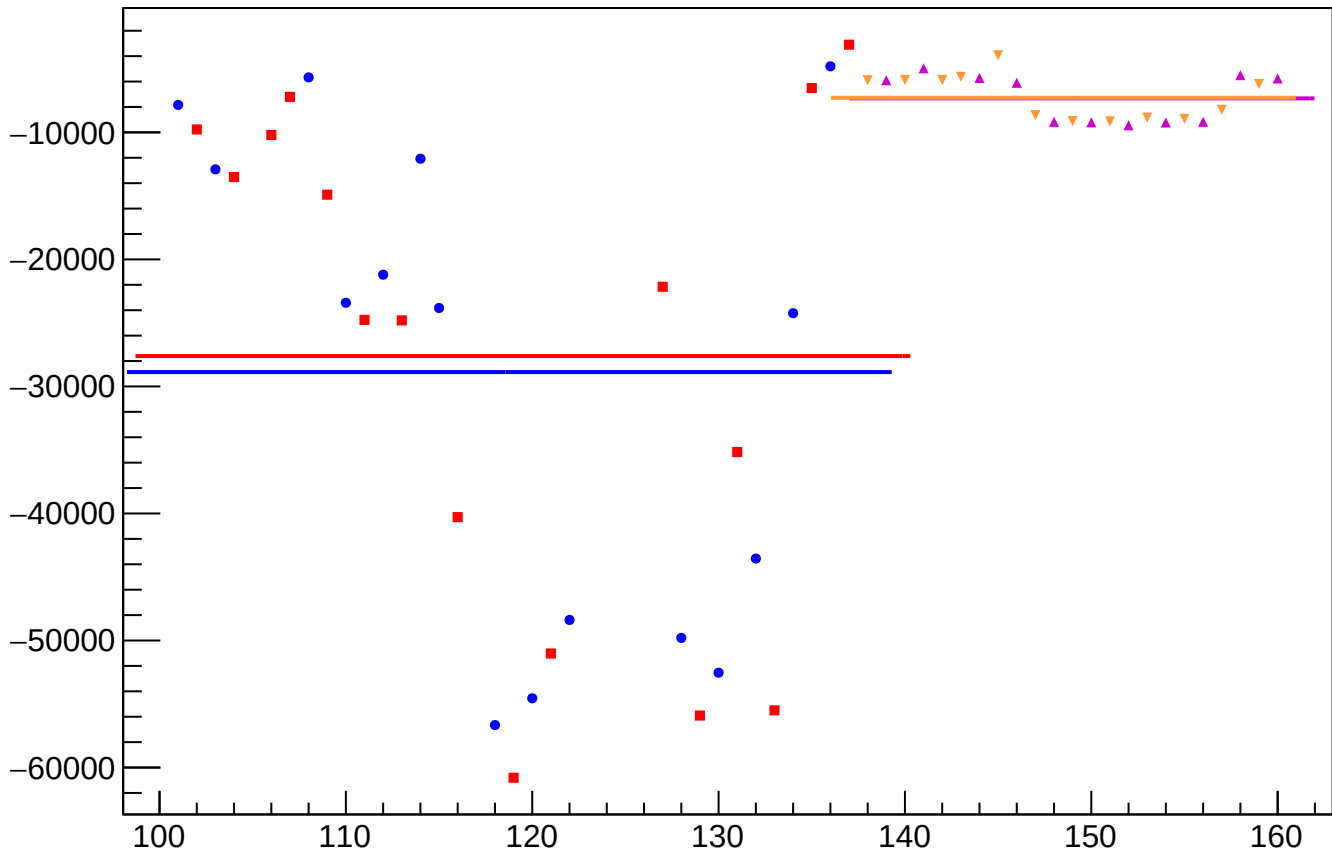
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

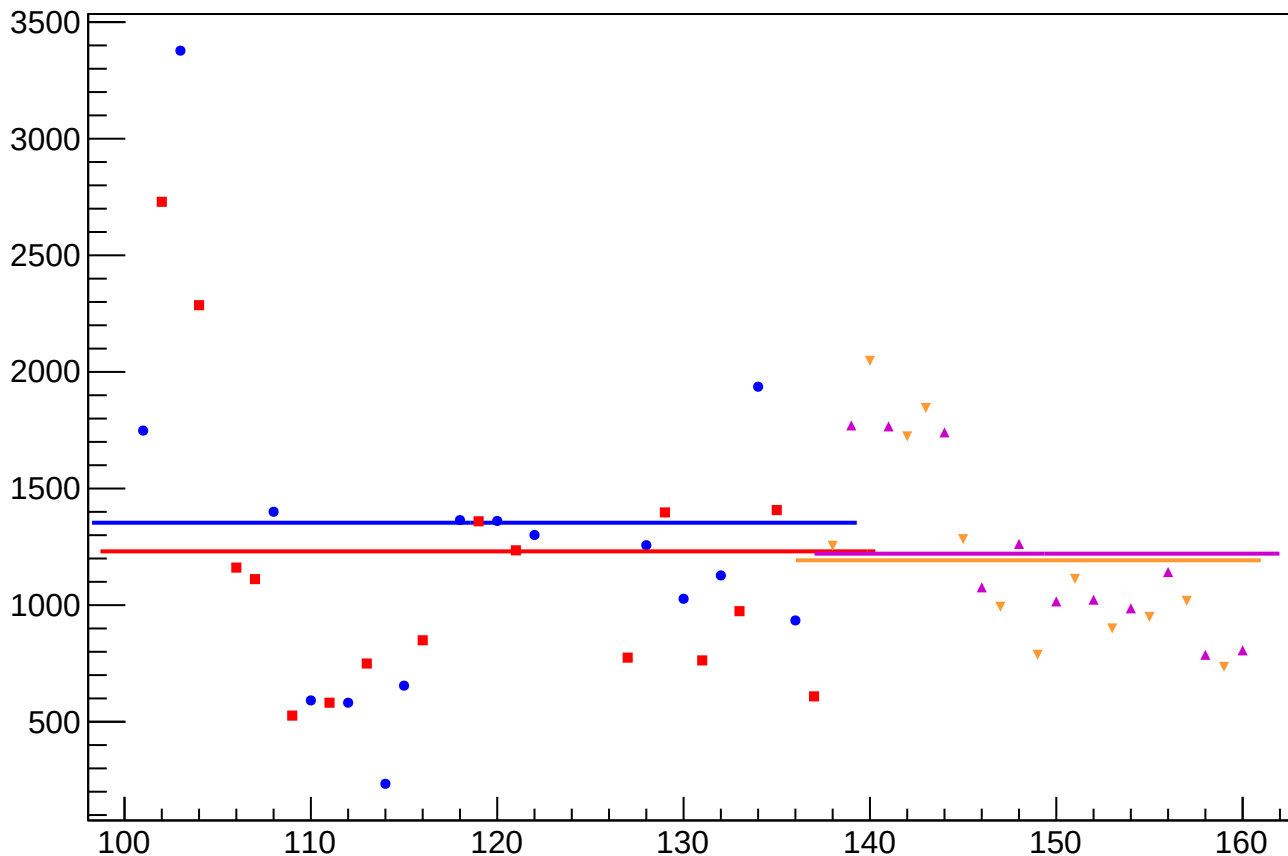
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

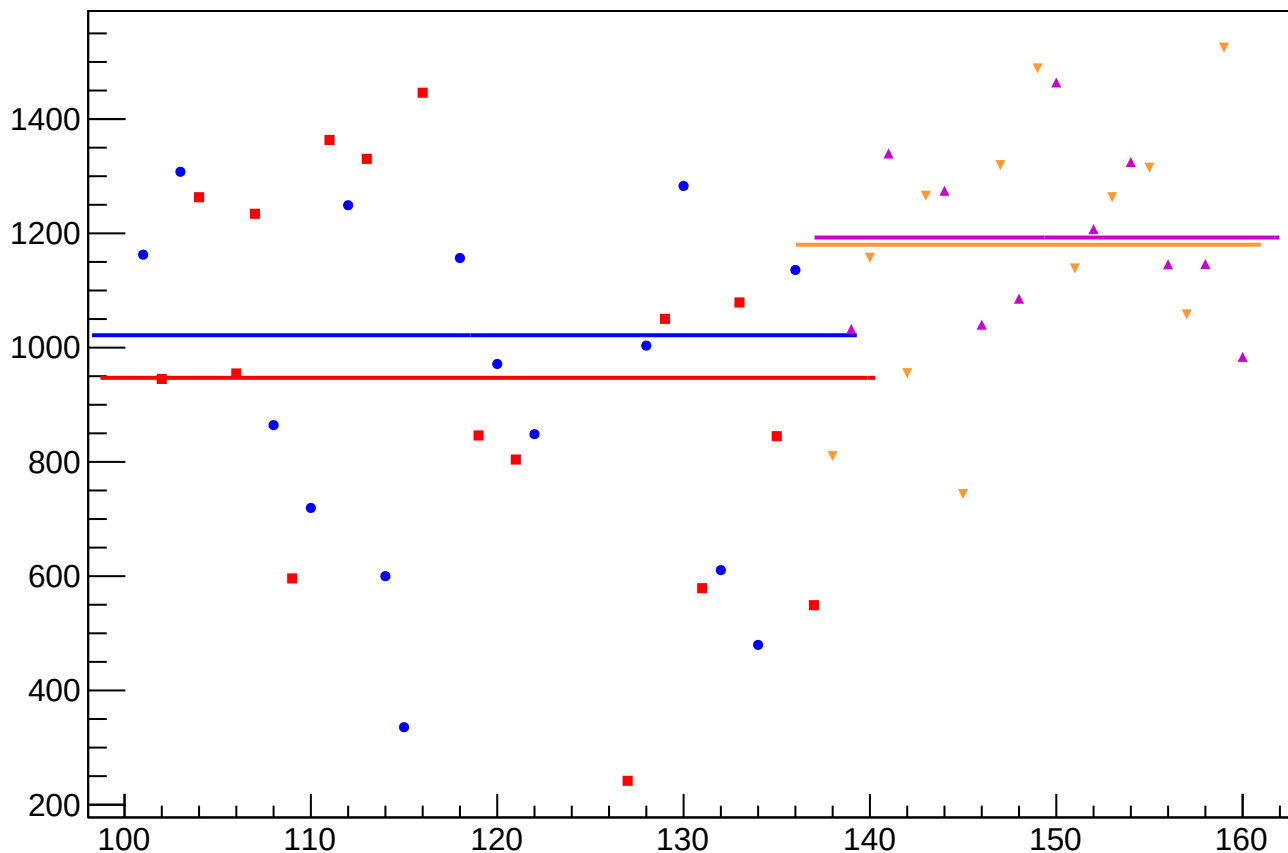
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

+ sign 1259.184+/-0.000 χ^2/NDF : 51363609234821

All: 1241.889+/-0.000 χ^2/NDF : 90788694347

- sign 1224.899+/-0.000 χ^2/NDF : 39332410450392

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

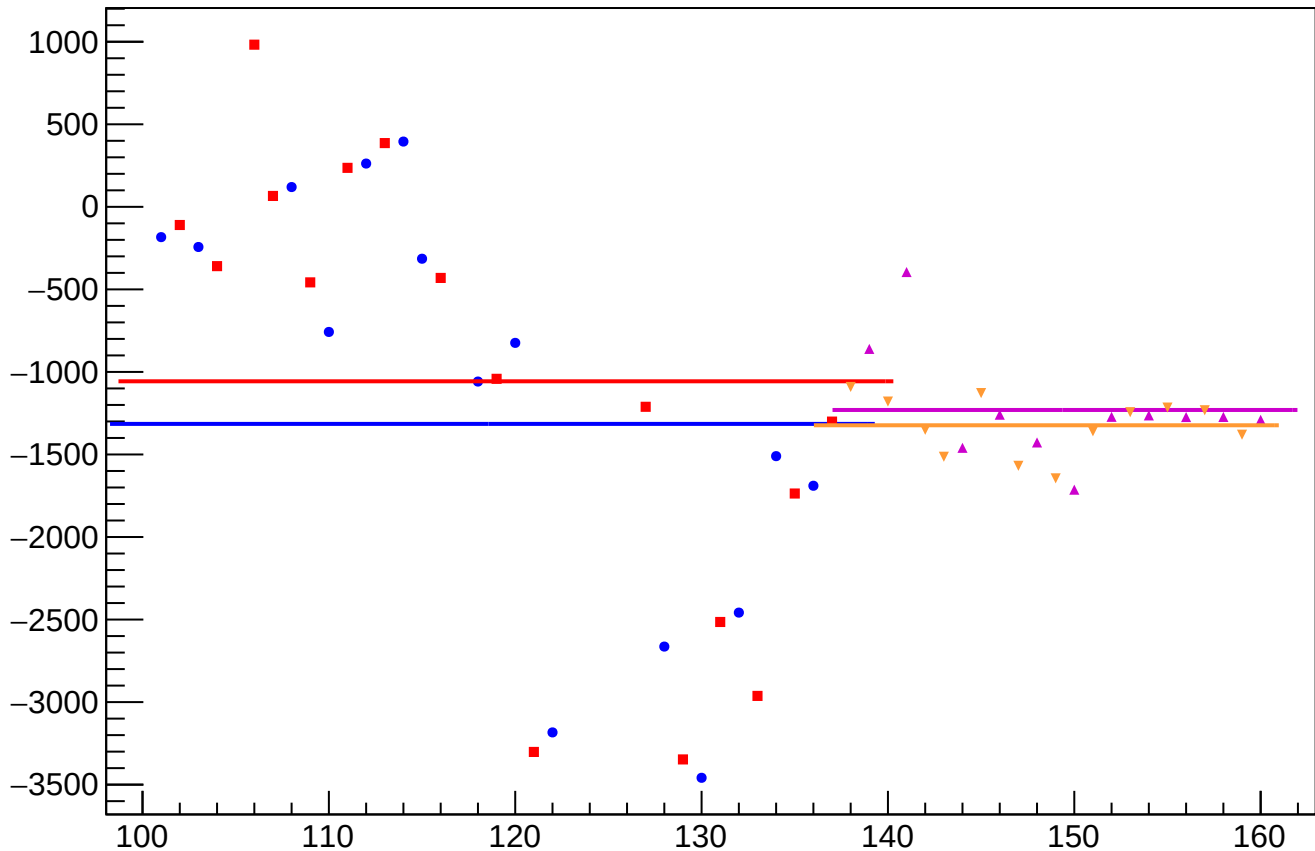
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

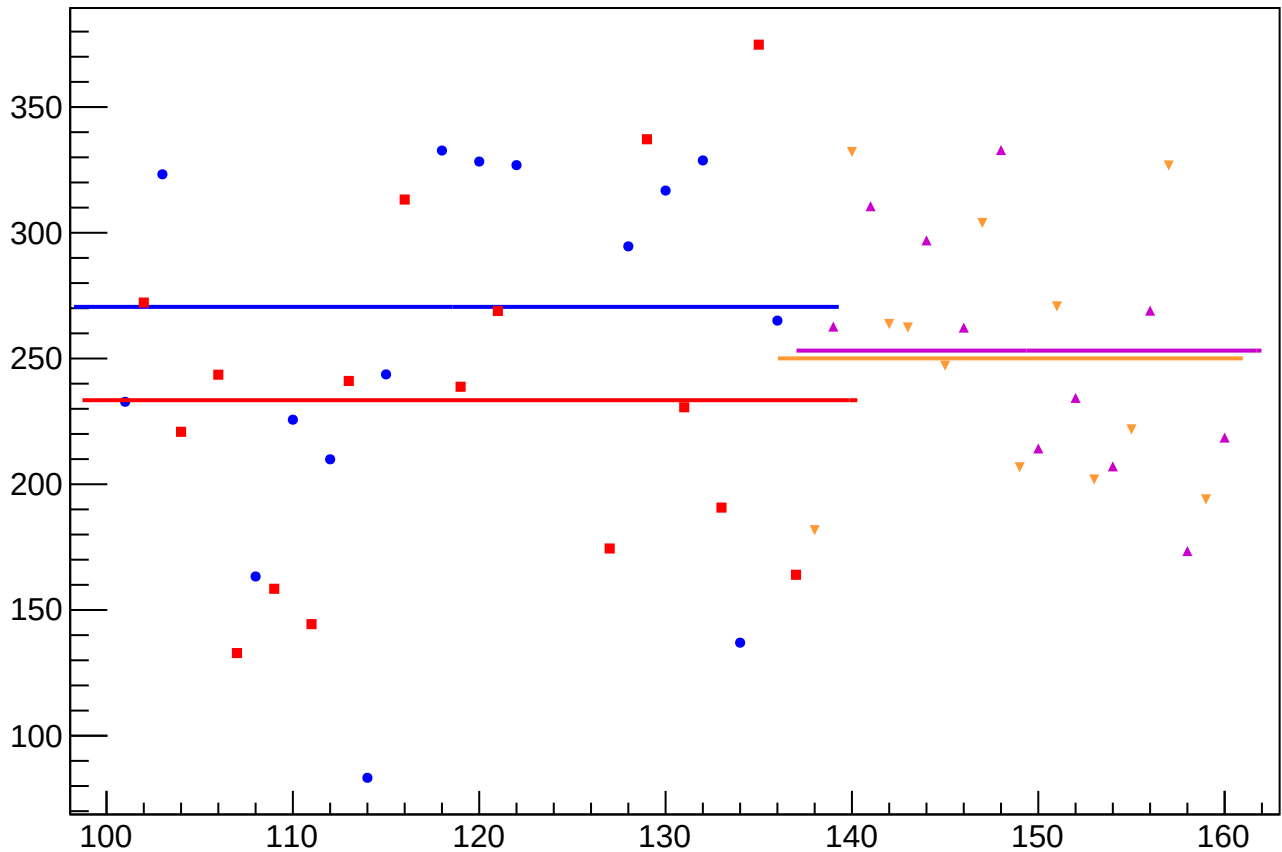
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



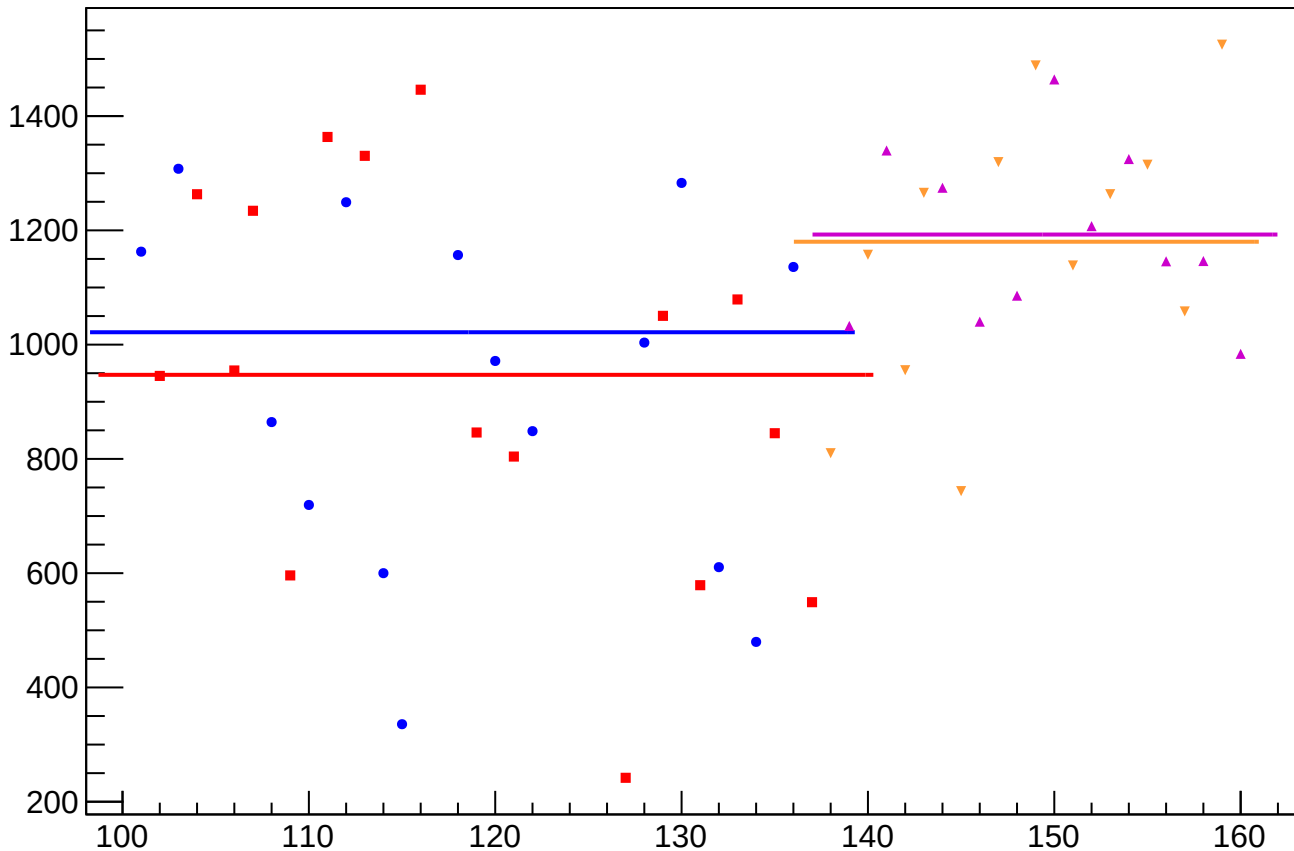
Right In: -1314.782 ± 0.000 $\chi^2/\text{NDF}: 966082368518203481544021644405645508608.0/14$
 Left Out: -1323.142 ± 0.000 $\chi^2/\text{NDF}: 27180584789293911694803613303409999872.0/11$
 Right Out: -1056.765 ± 0.000 $\chi^2/\text{NDF}: 1127141594187417021949832477353286041600.0/15$
 Left In: -1230.430 ± 0.000 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14
 Left Out: 250.055 $\pm$ 0.000 χ^2 /NDF: 2329396041694824766683600755668025344.0/11
 Right Out: 233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15
 Left In: 253.145 $\pm$ 0.000 χ^2 /NDF: 1980196841930298045035907903943344128.0/10

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15

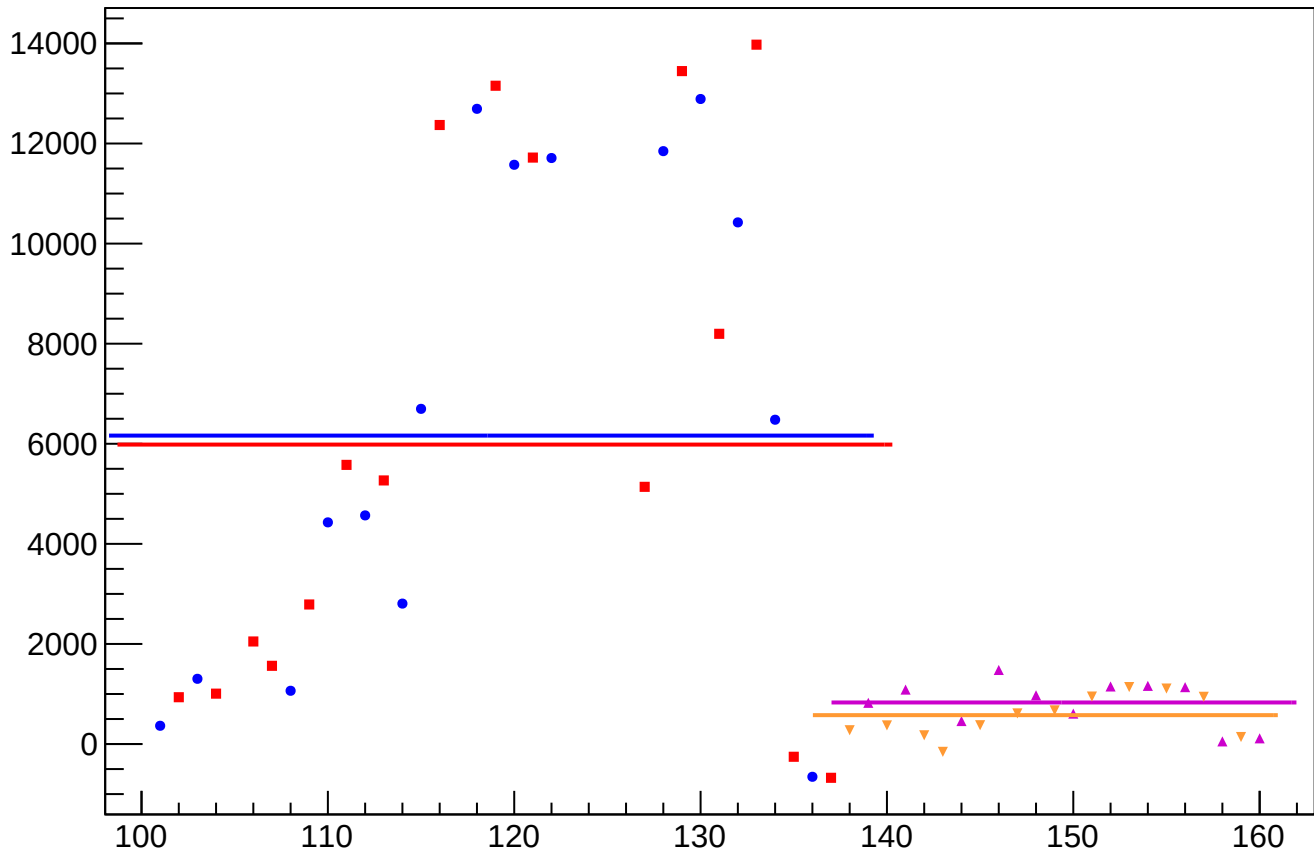
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

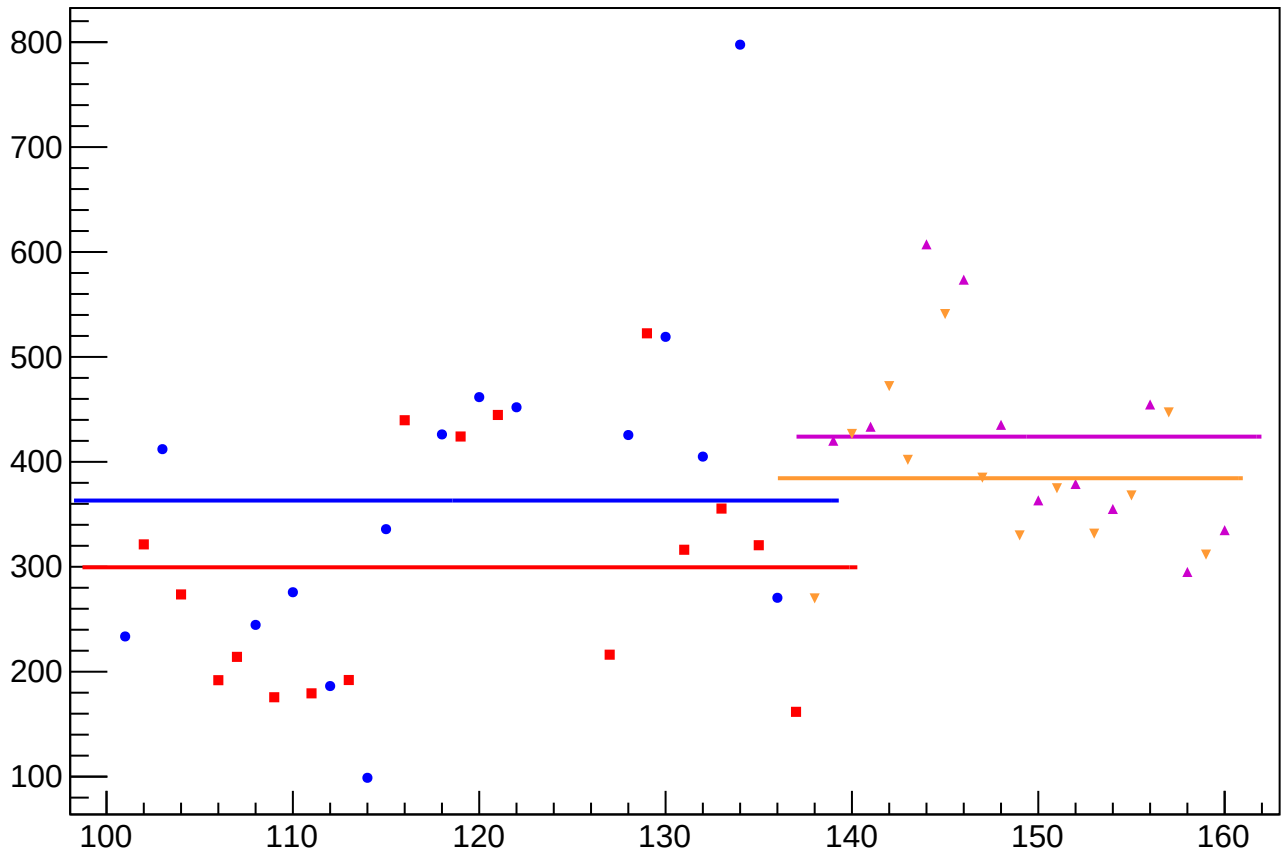
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10

dit_sam6_coil7_err_mean vs Slug



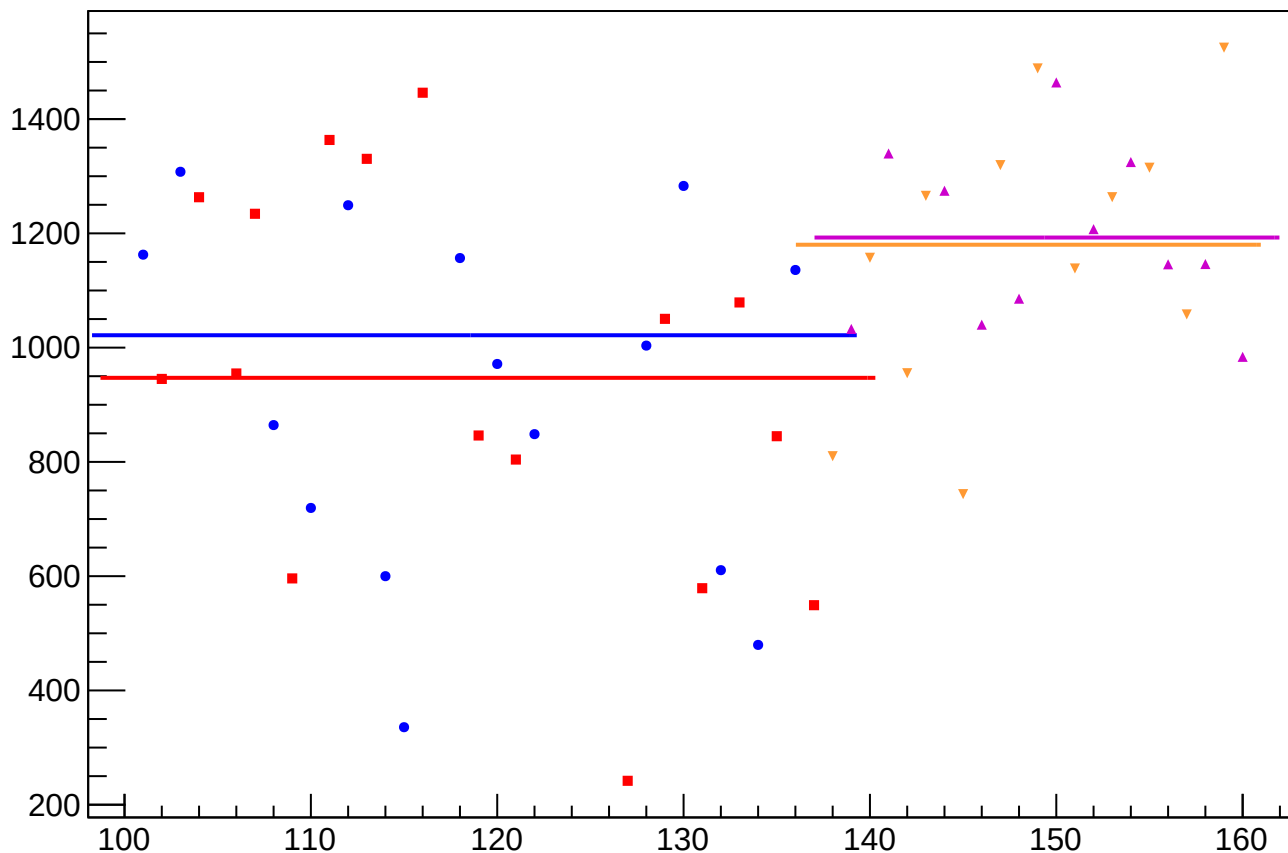
Right In: 363.133+/-0.000	χ^2/NDF : 11502791697076456426435998277995331584.0/14
Left Out: 384.397+/-0.000	χ^2/NDF : 4703352228141784942428920611126378496.0/11
Right Out: 299.514+/-0.000	χ^2/NDF : 7685497318744225218354652828984672256.0/15
Left In: 424.034+/-0.000	χ^2/NDF : 7812894231718086106241094868881375232.0/10

+ sign 375.568+/-0.000 χ^2/NDF : 163777394222651

All: 373.683+/-0.000 χ^2/NDF : 37893357873

- sign 371.831+/-0.000 χ^2/NDF : 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

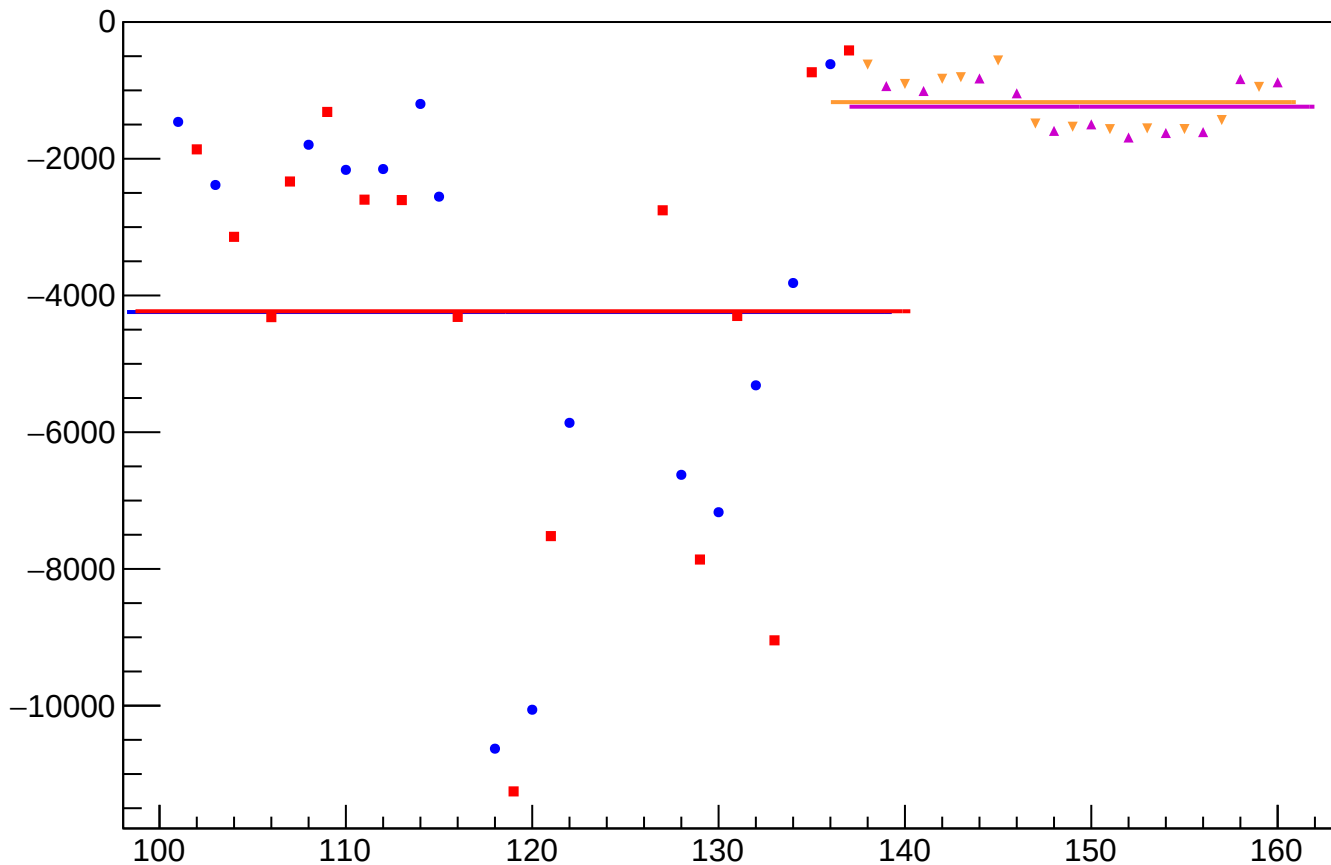
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

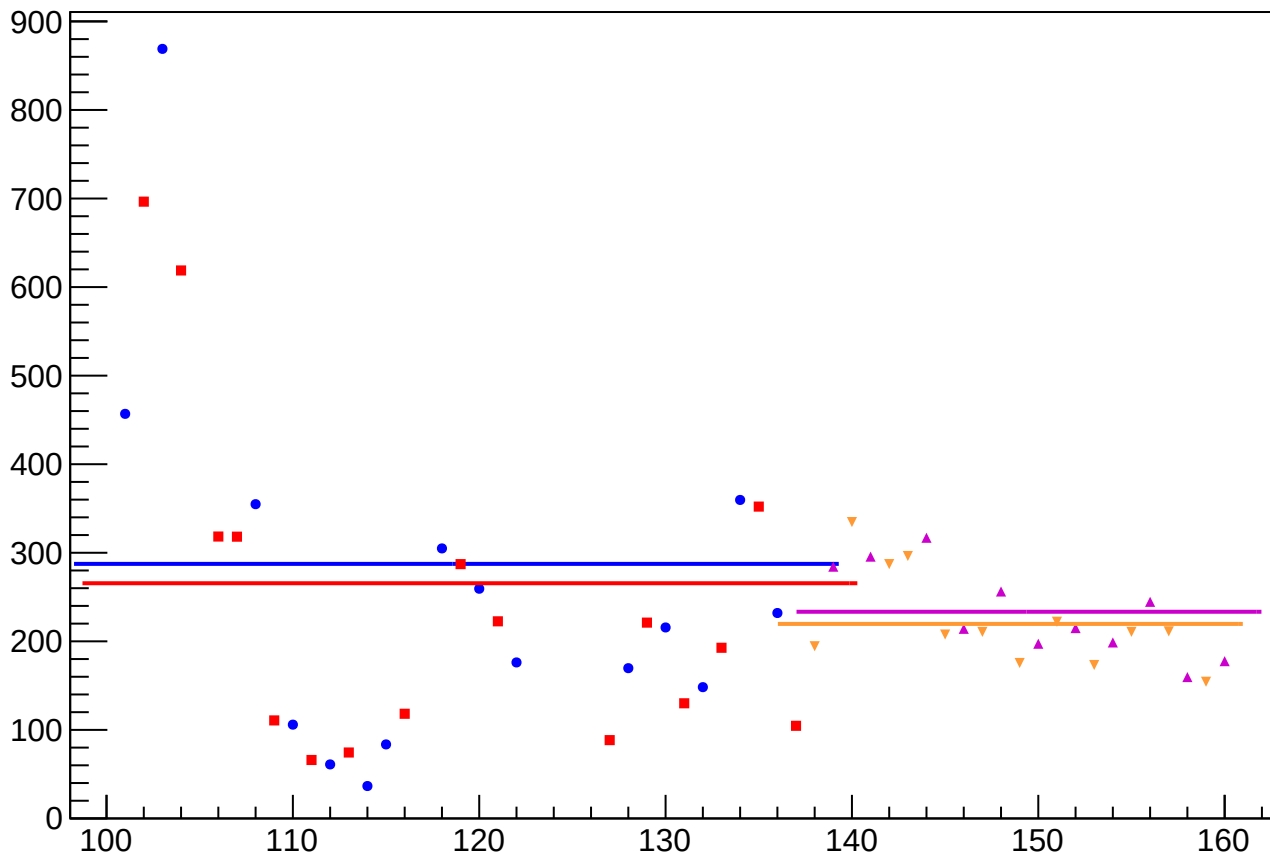
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -1171.784+/-0.000 χ^2/NDF : 137401425112319786783295403719378599936.0/11
 Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: -1238.776+/-0.000 χ^2/NDF : 111339045659652616720712870833504124928.0/10

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

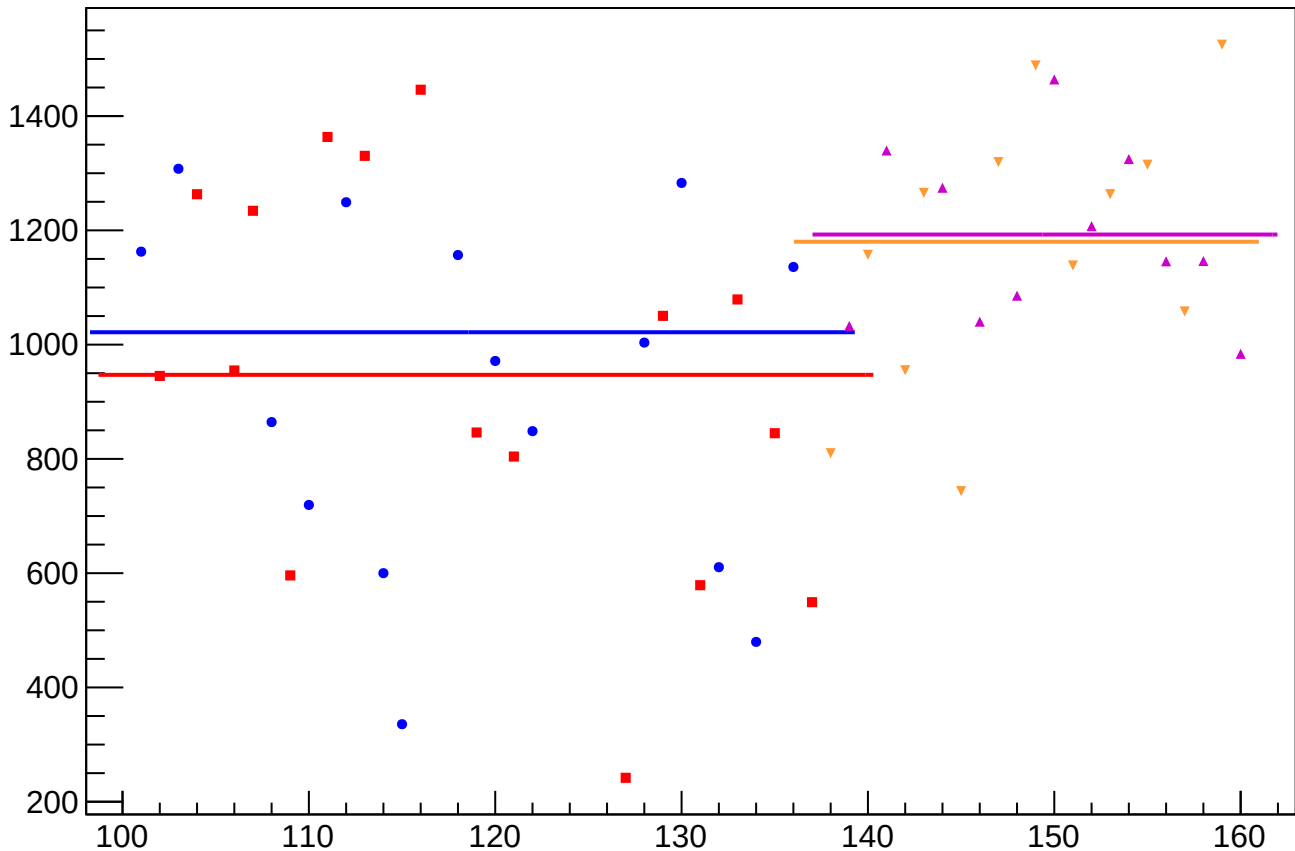
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

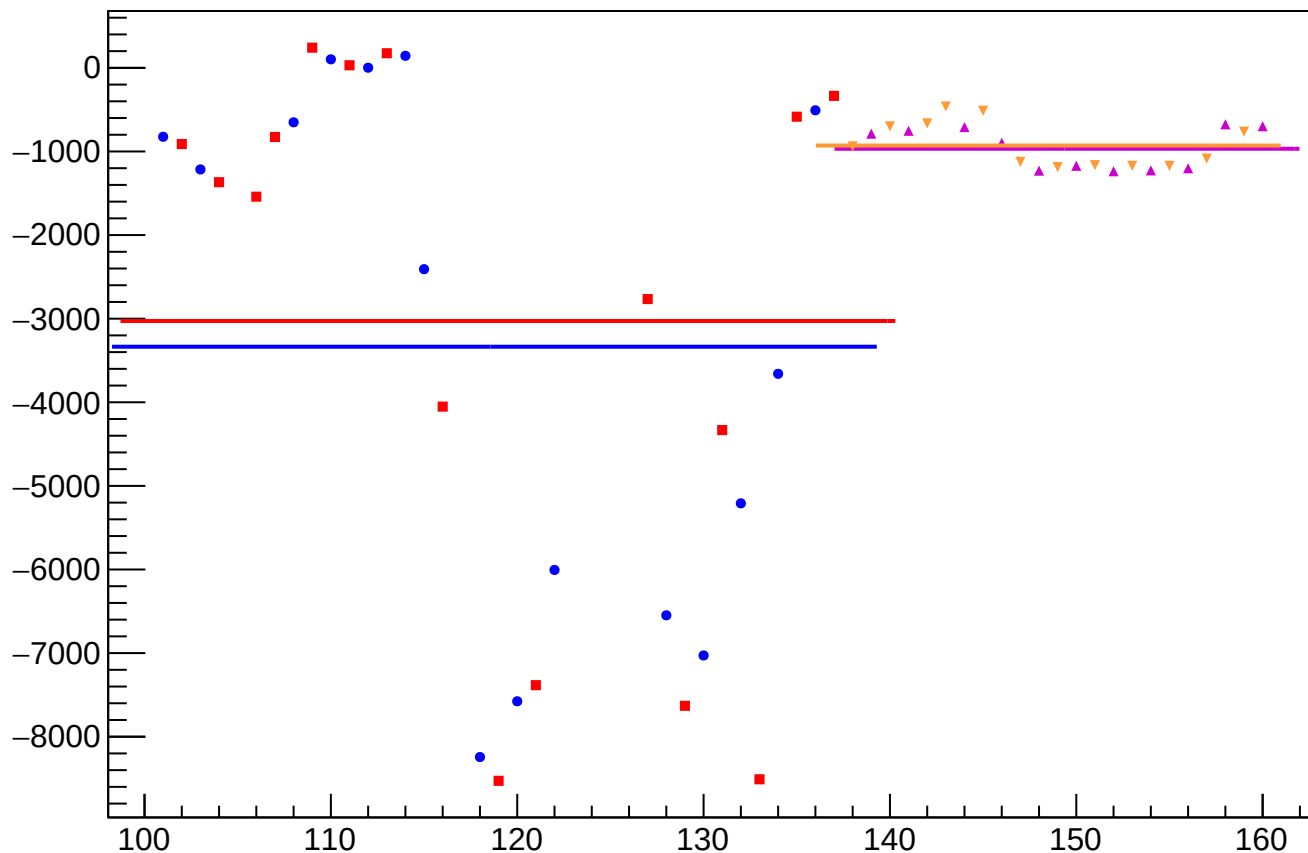
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



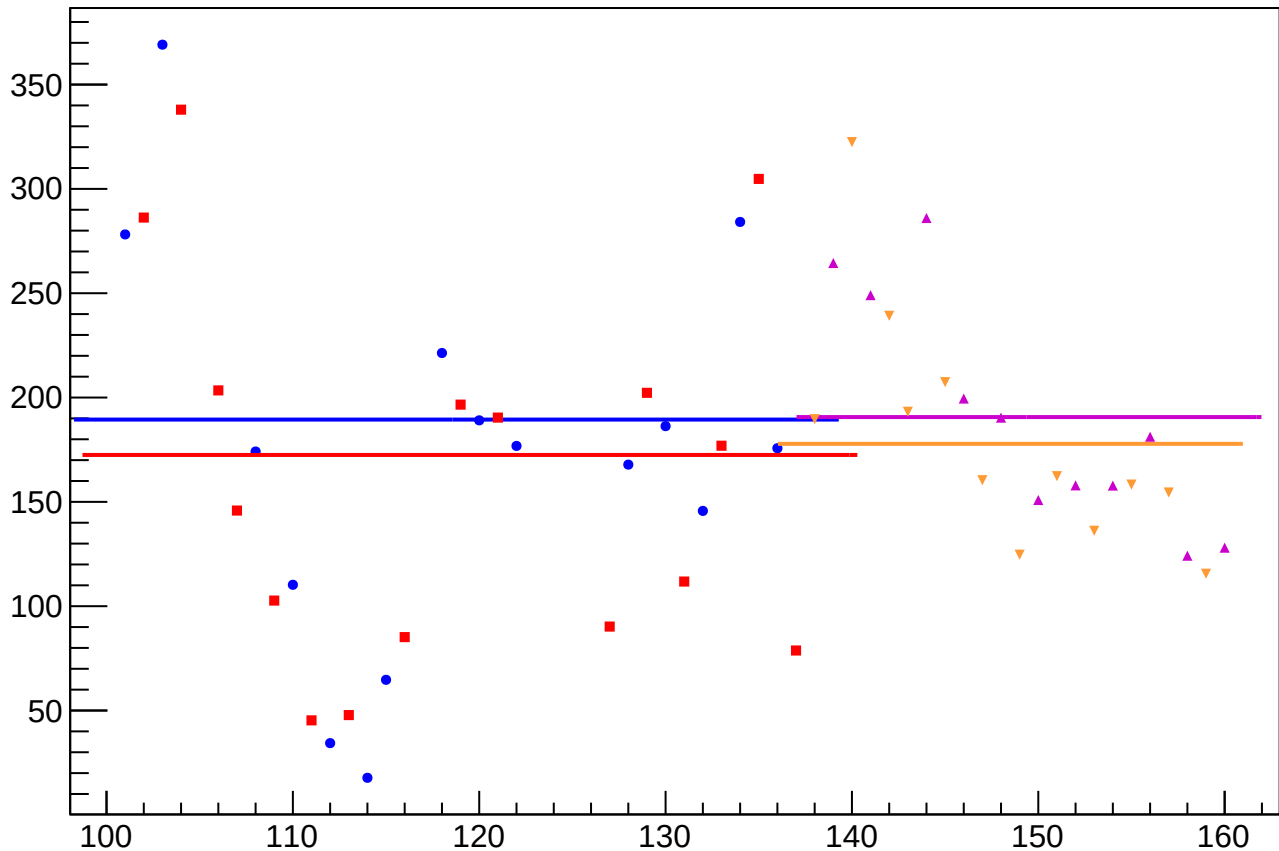
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam8_coil7_mean vs Slug



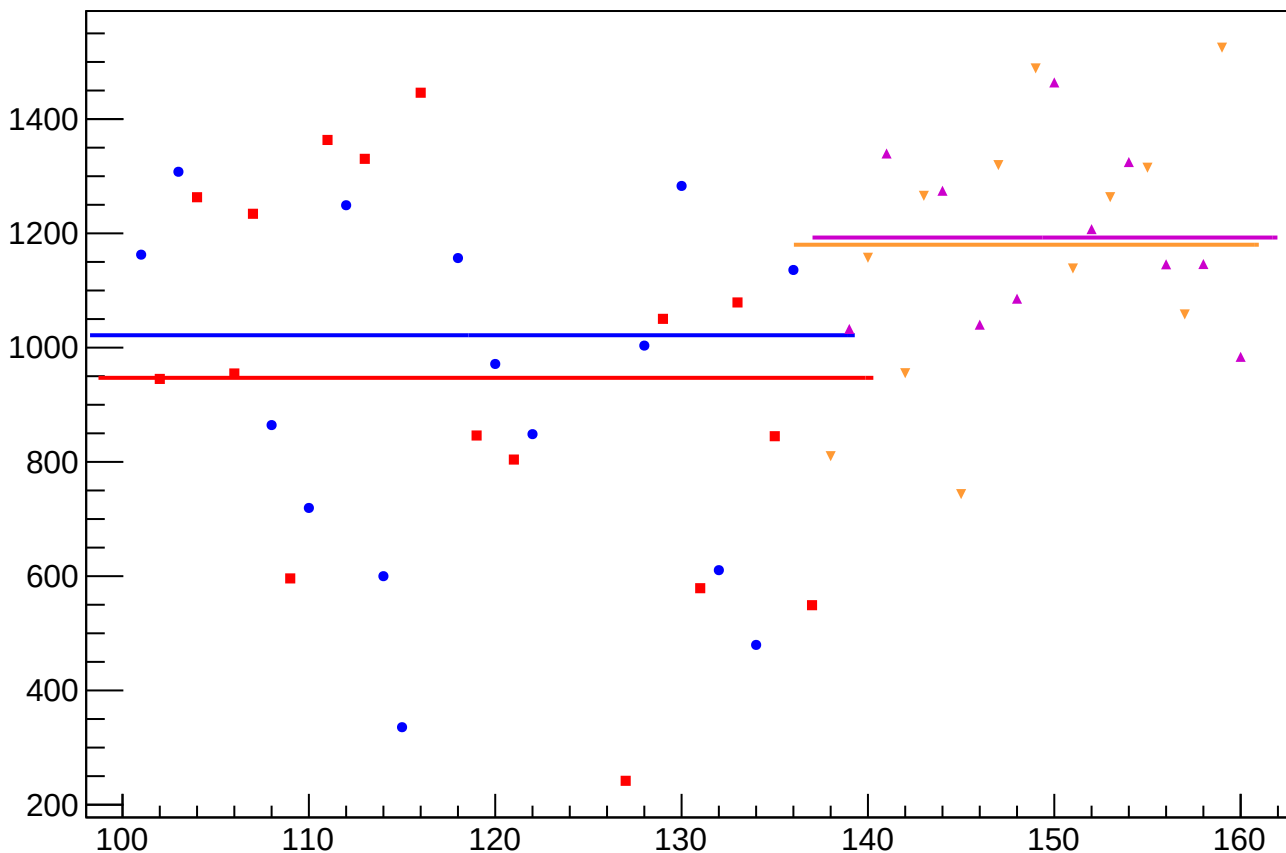
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862+/-0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000	χ^2 /NDF: 4707234253929700721726064108794544128.0/14	+ sign 182.640 $\pm$ 0.000	χ^2 /NDF: 755196649084906
Left Out: 177.811 $\pm$ 0.000	χ^2 /NDF: 2793392529927944860081581234505908224.0/11	All: 182.836 $\pm$ 0.000	χ^2 /NDF: 15810669328
Right Out: 172.485 $\pm$ 0.000	χ^2 /NDF: 5594813408996728261938711470404534272.0/15	- sign 183.029 $\pm$ 0.000	χ^2 /NDF: 825858339211044
Left In: 190.641 $\pm$ 0.000	χ^2 /NDF: 2536070386684067132001548898091925504.0/10		

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

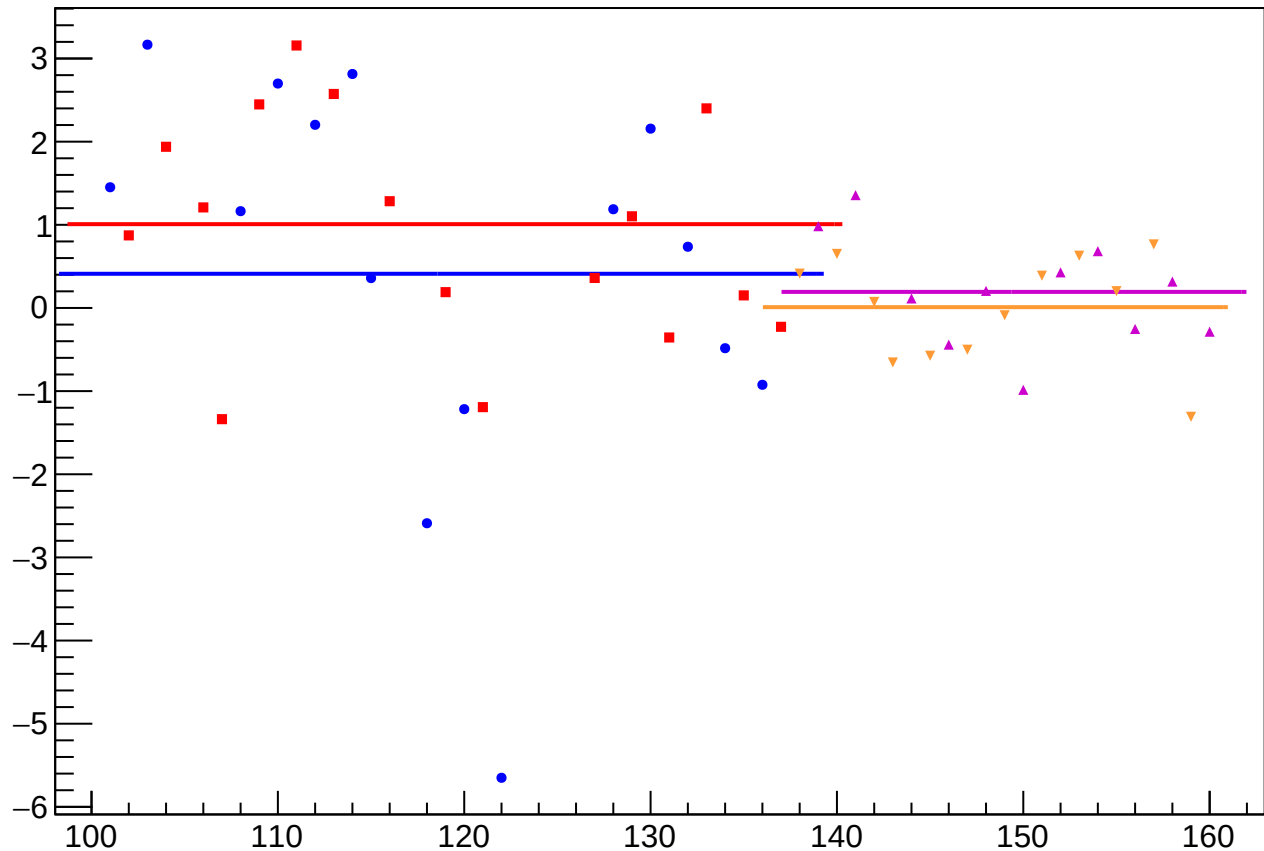
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

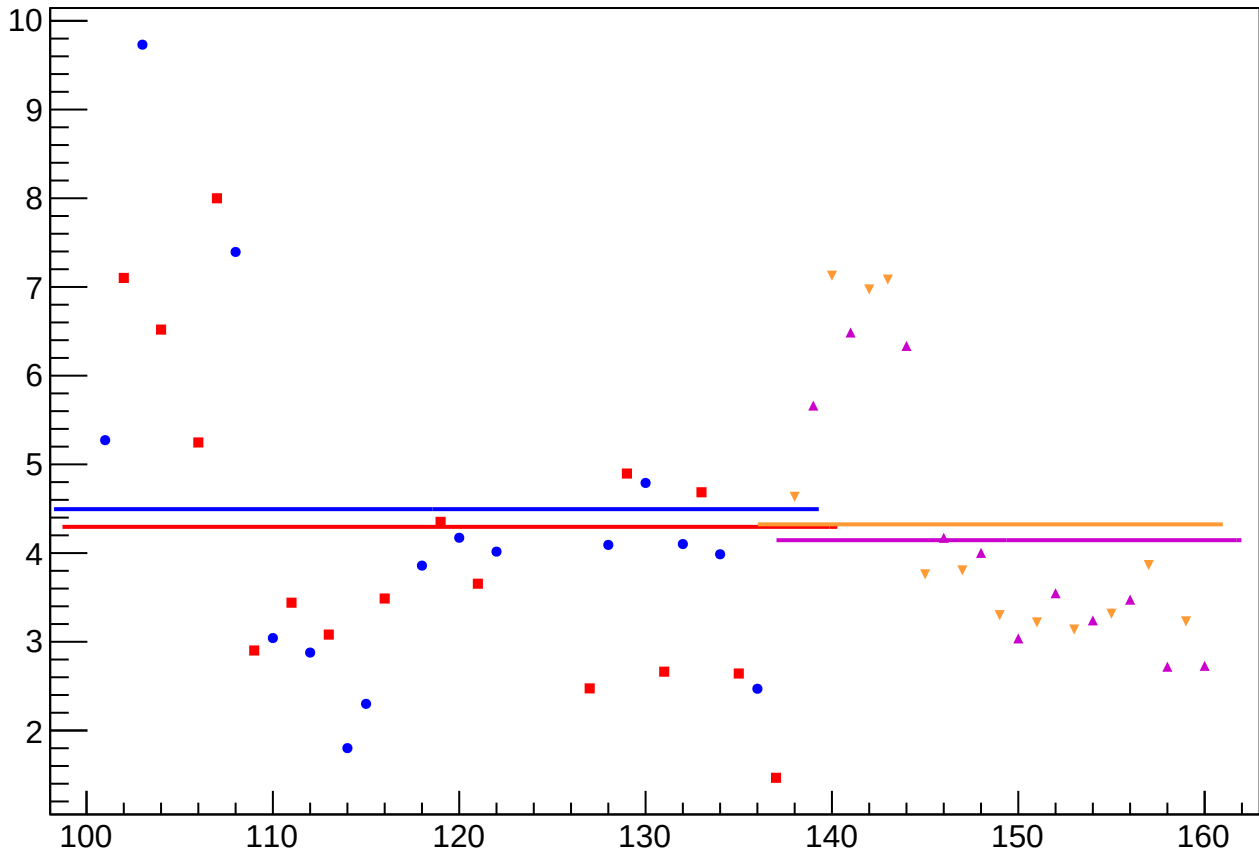
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: 0.010+/-0.000	χ^2/NDF : 354573516648160349272665694928896.0/11
Right Out: 1.008+/-0.000	χ^2/NDF : 1128402228144096394498047410700288.0/15
Left In: 0.193+/-0.000	χ^2/NDF : 386133523330033860307880234713088.0/10

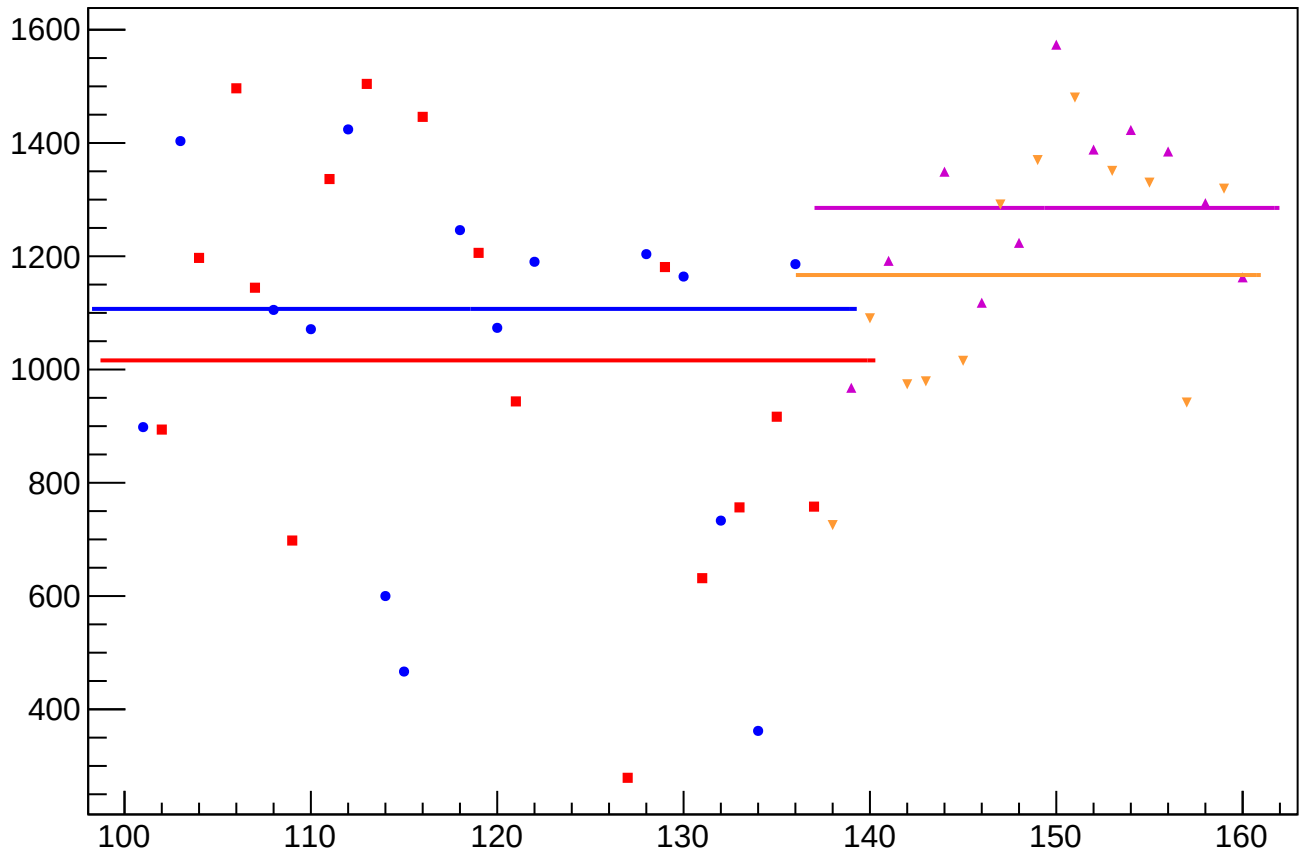
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



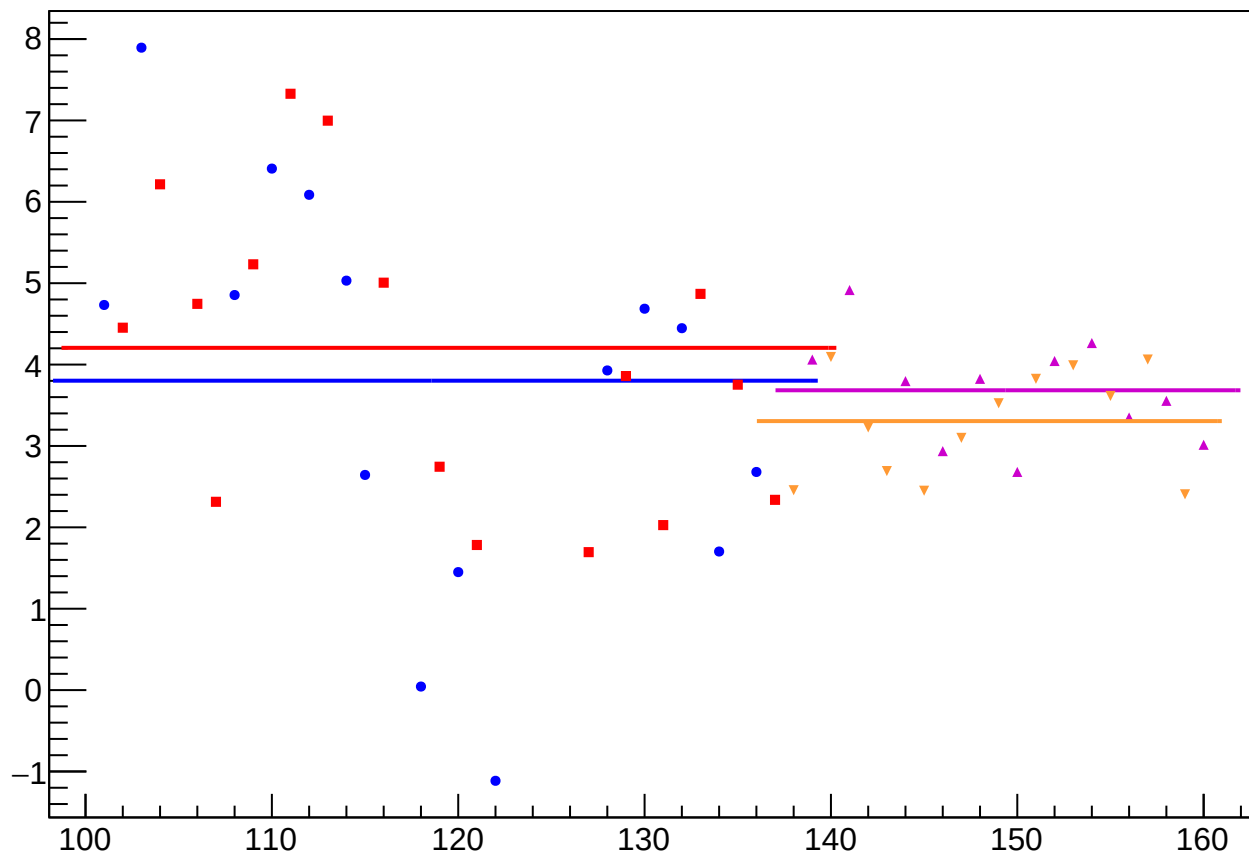
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

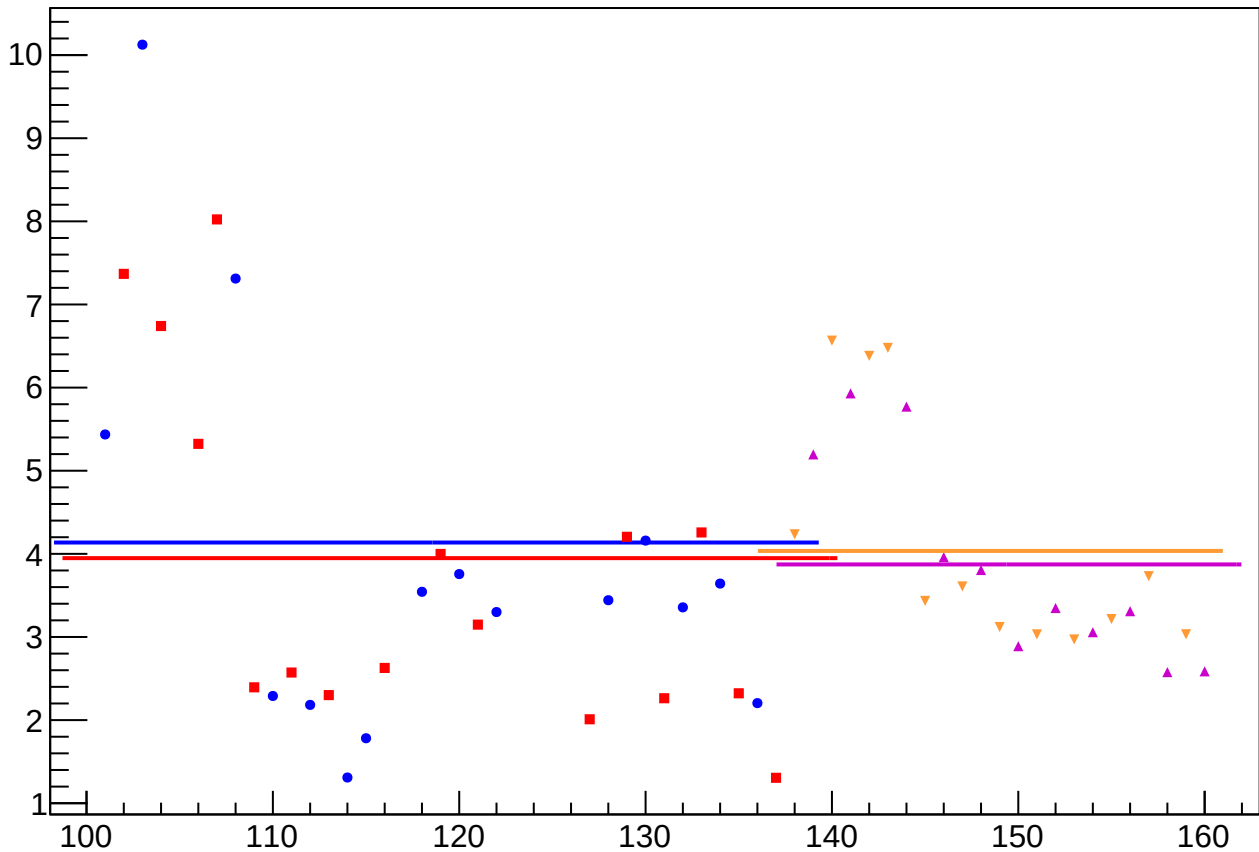
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.305+/-0.000	χ^2/NDF : 375514605339805624898679558111232.0/11
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10

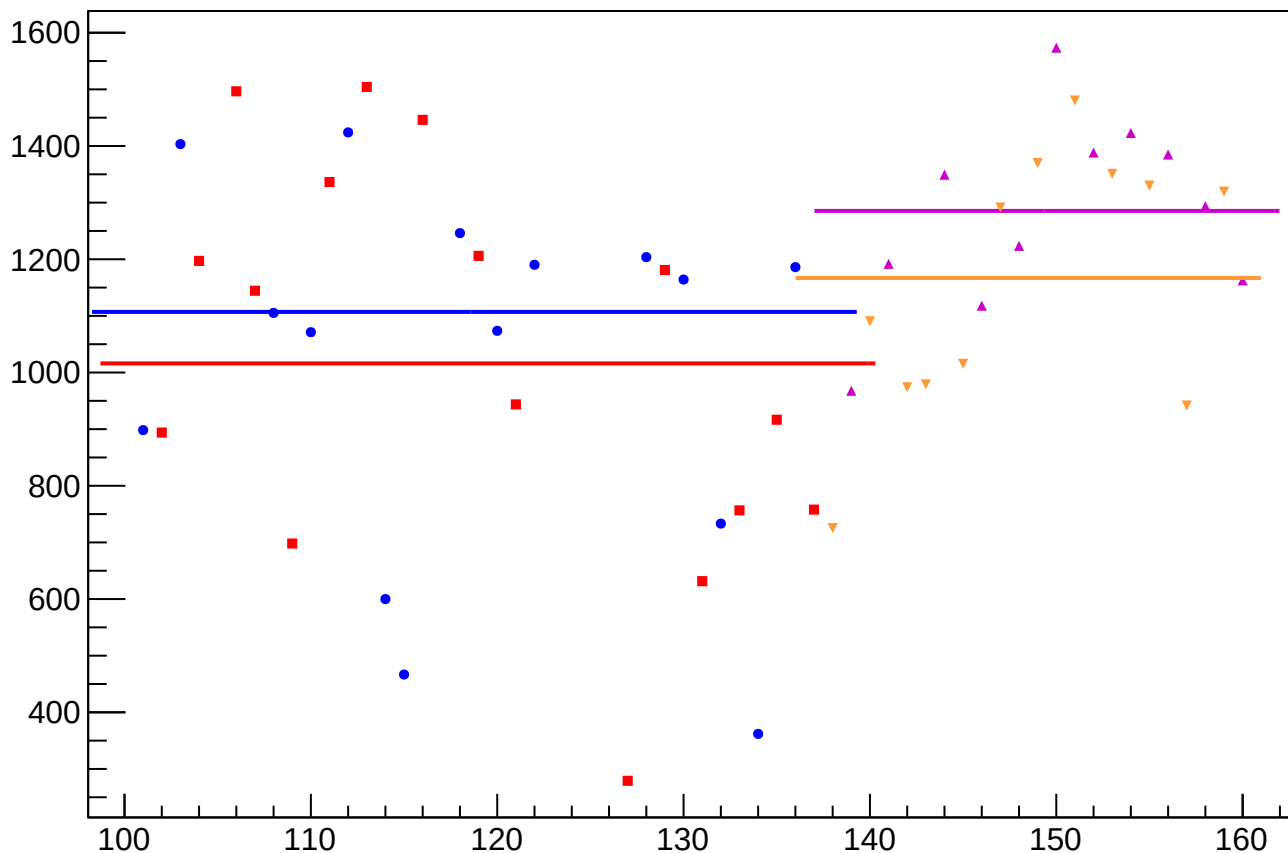
+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782
 All: 3.709+/-0.000 χ^2/NDF : 6952977853900
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

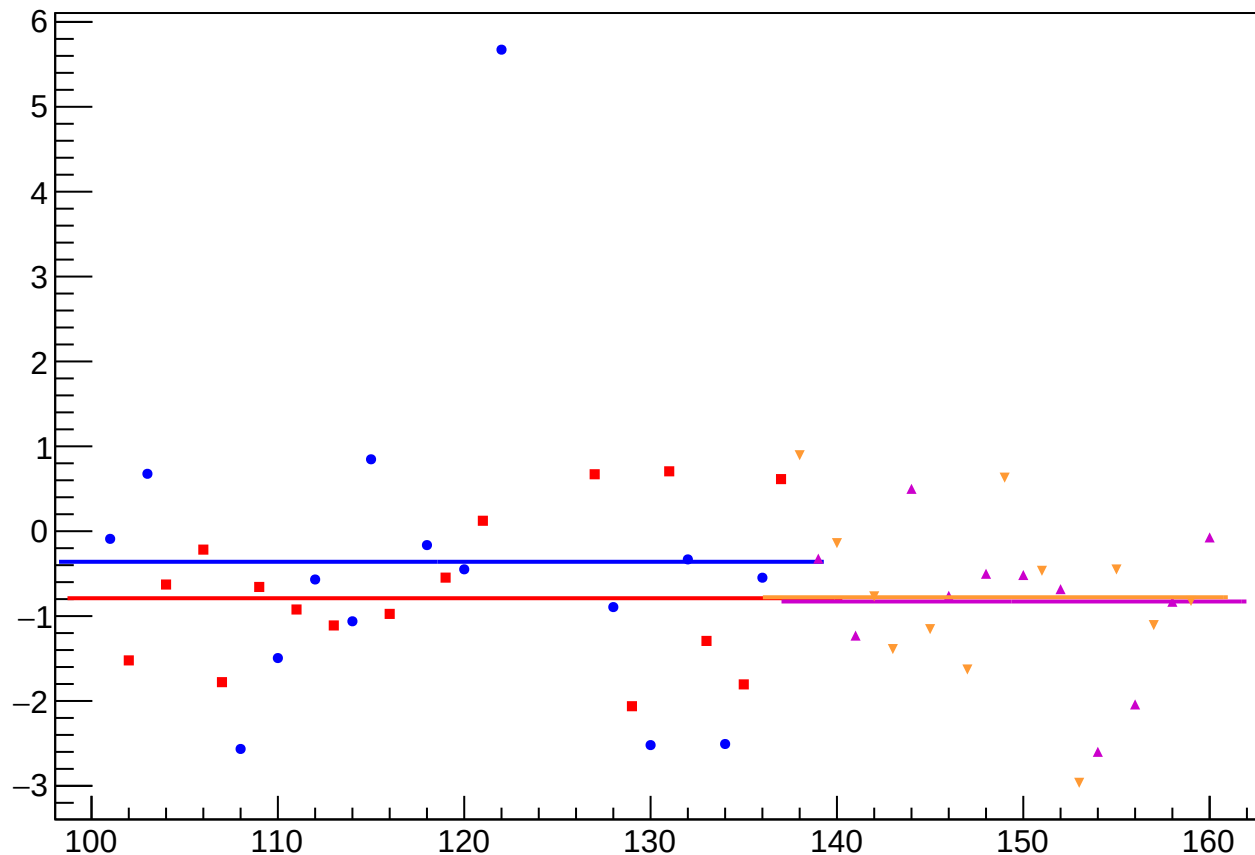
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_11X12X_coil4_mean vs Slug



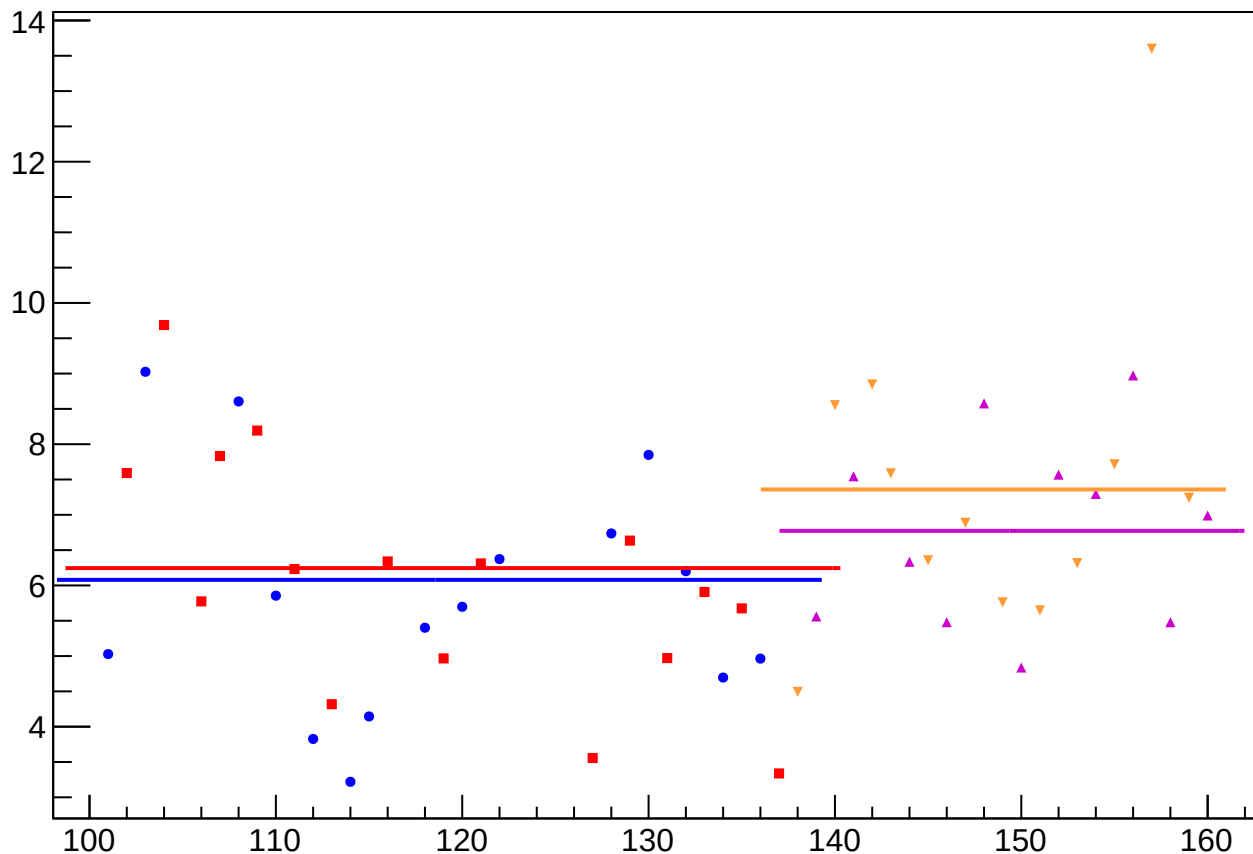
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778+/-0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

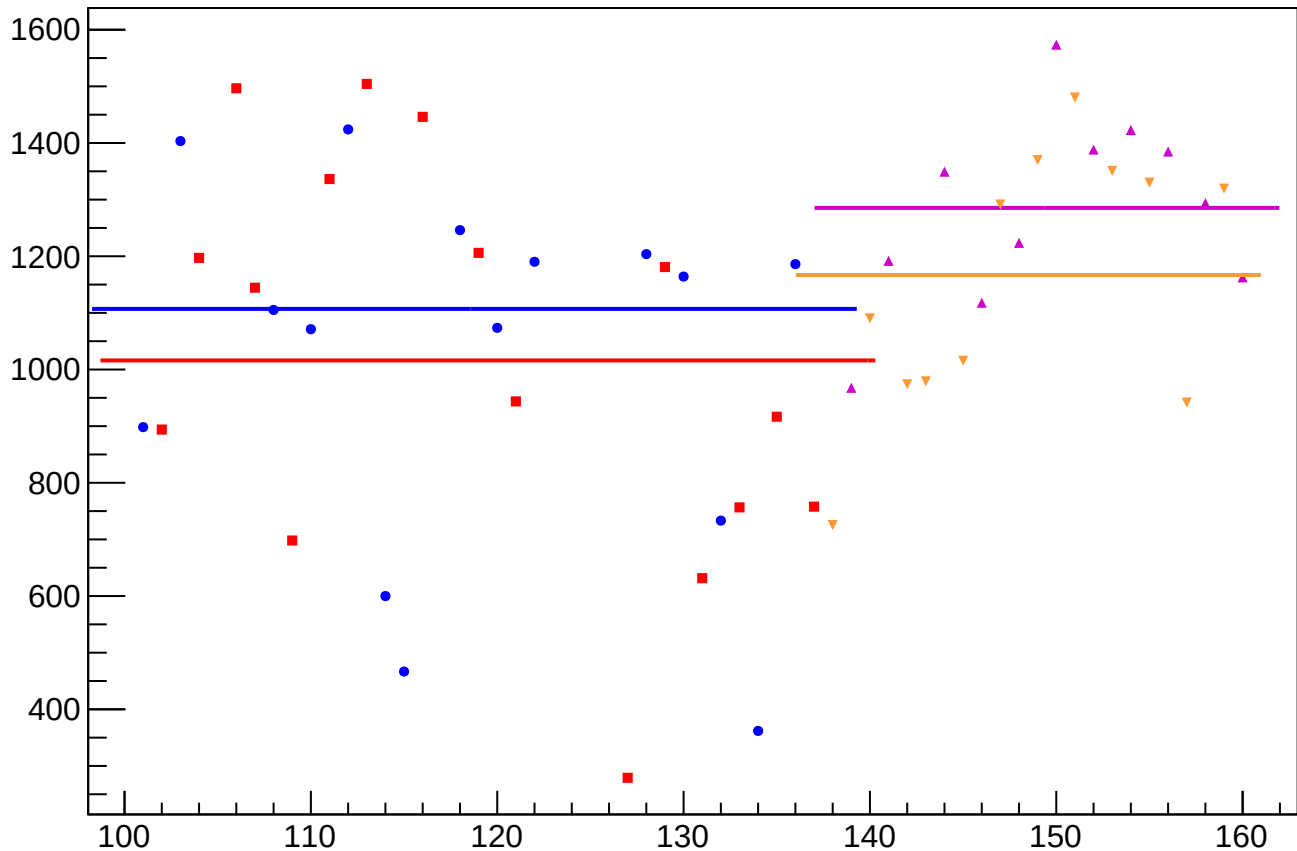
dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14
Left Out: 7.360+/-0.000	χ^2/NDF : 4580380755239365503585140070154240.0/11
Right Out: 6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15
Left In: 6.773+/-0.000	χ^2/NDF : 1545880653062872635060205832372224.0/10

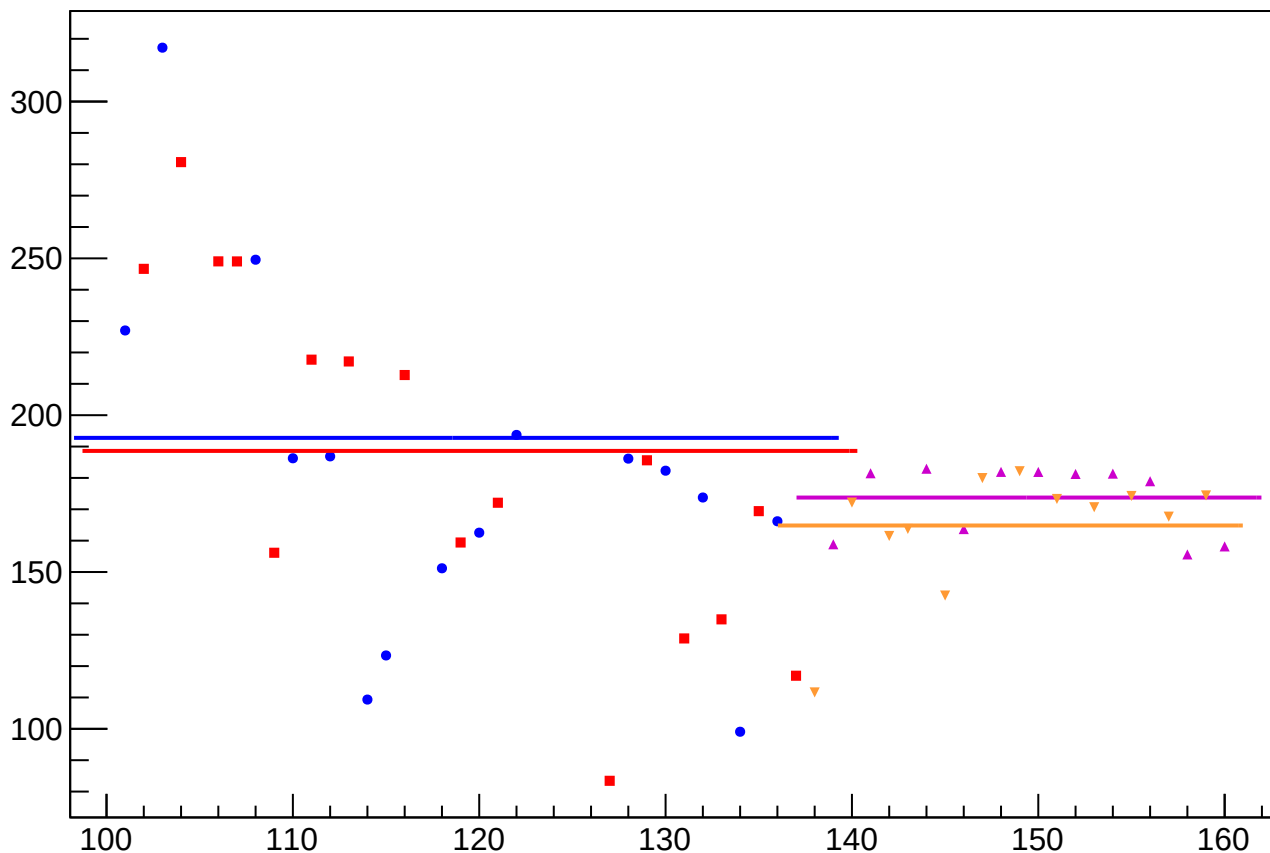
+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869
 All: 6.689+/-0.000 χ^2/NDF : 1032305053905
 - sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442

dit_4aY_coil4_mean vs Slug



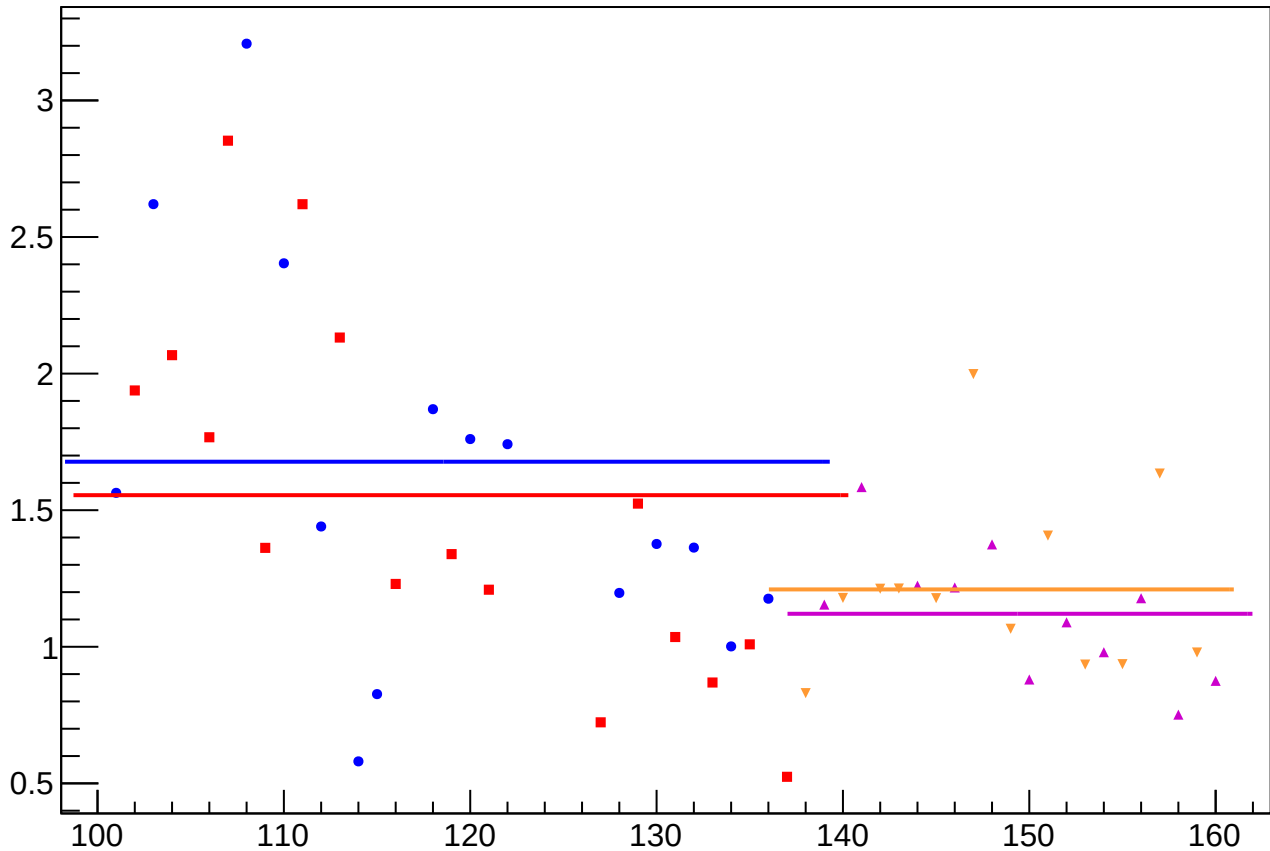
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832+/-0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



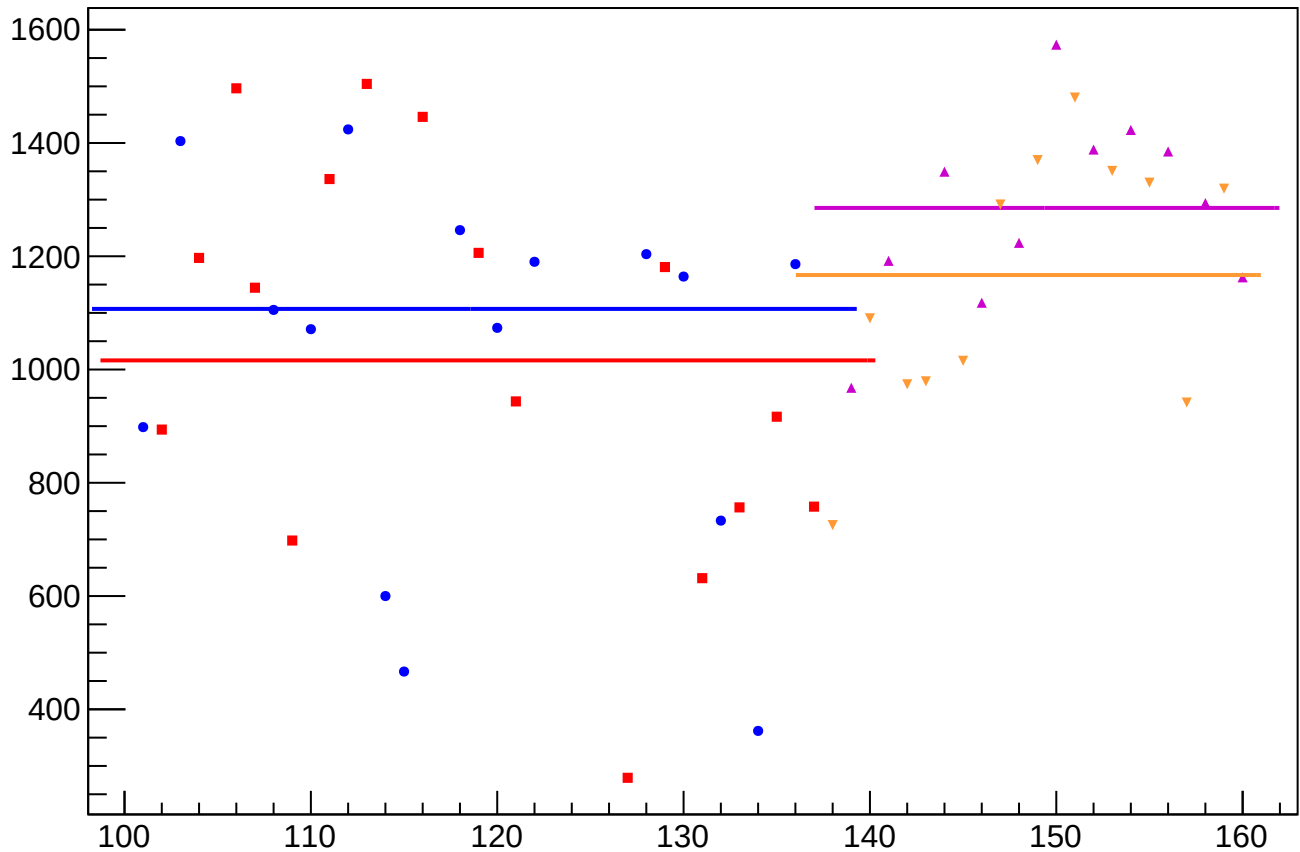
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.210 $\pm$ 0.000 χ^2 /NDF: 95500502458420026672384705560576.0/11

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

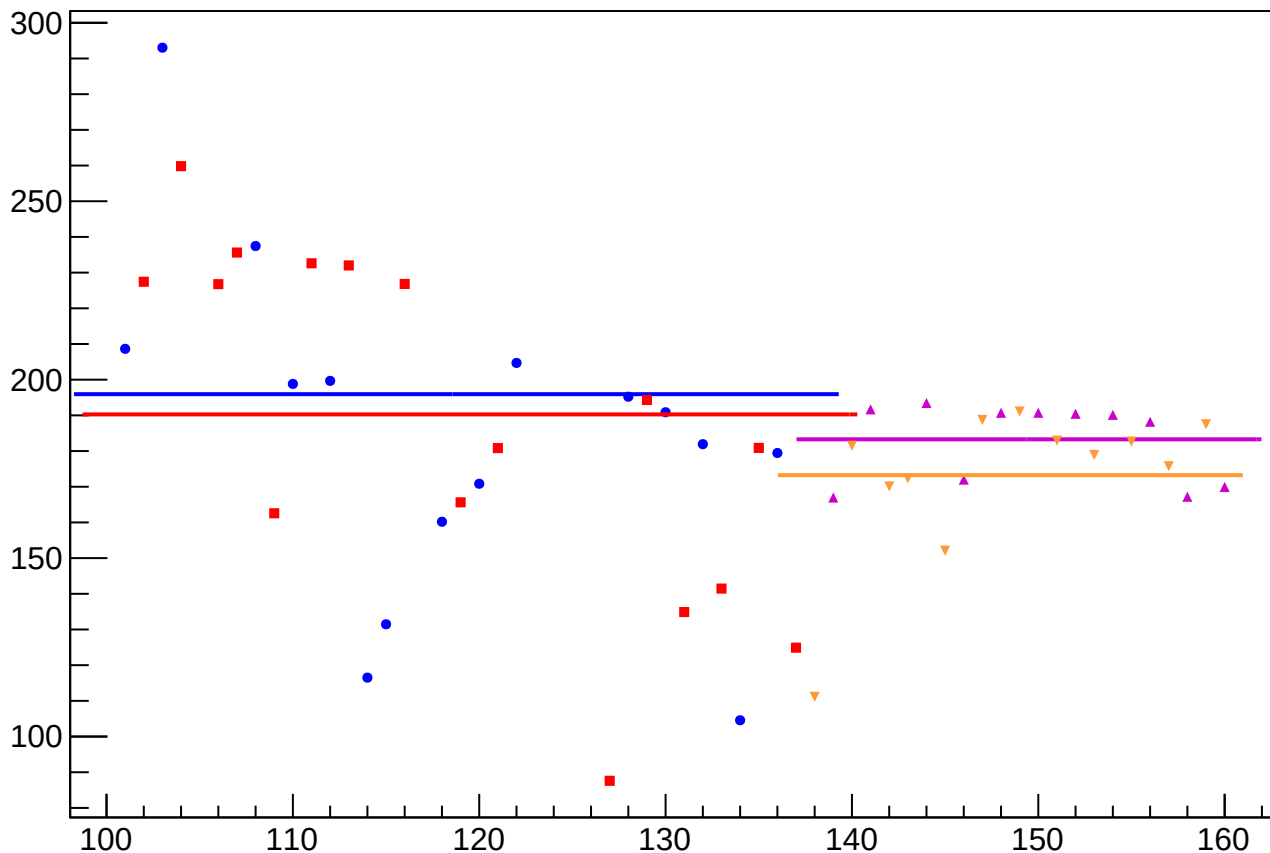
Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 173.245 $\pm$ 0.000 χ^2 /NDF: 421189743022312956779621222954565632.0/11

Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15

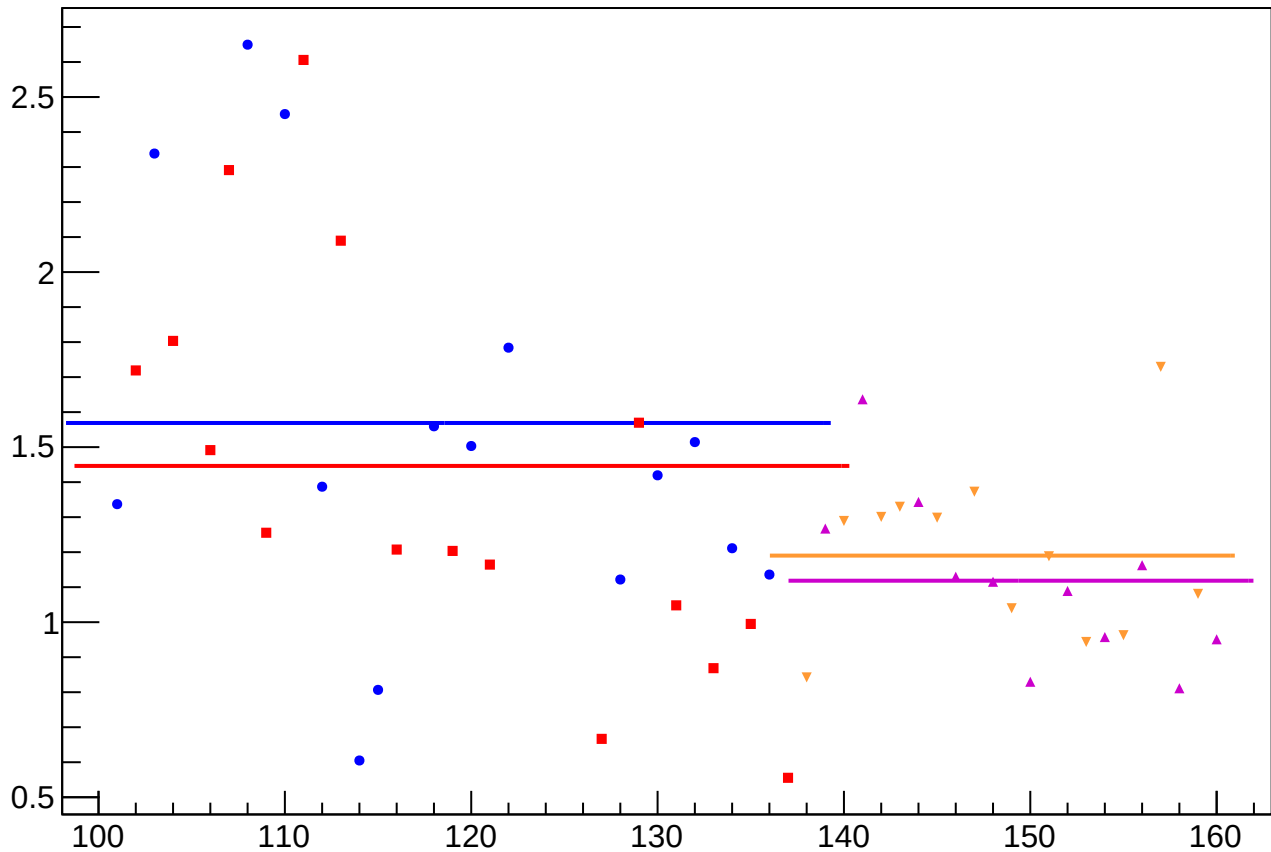
Left In: 183.290 $\pm$ 0.000 χ^2 /NDF: 101738841511111417821042611832487936.0/10

+ sign 182.669 $\pm$ 0.000 χ^2 /NDF: 167456742062075

All: 184.458 $\pm$ 0.000 χ^2 /NDF: 32735567790

- sign 186.216 $\pm$ 0.000 χ^2 /NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug



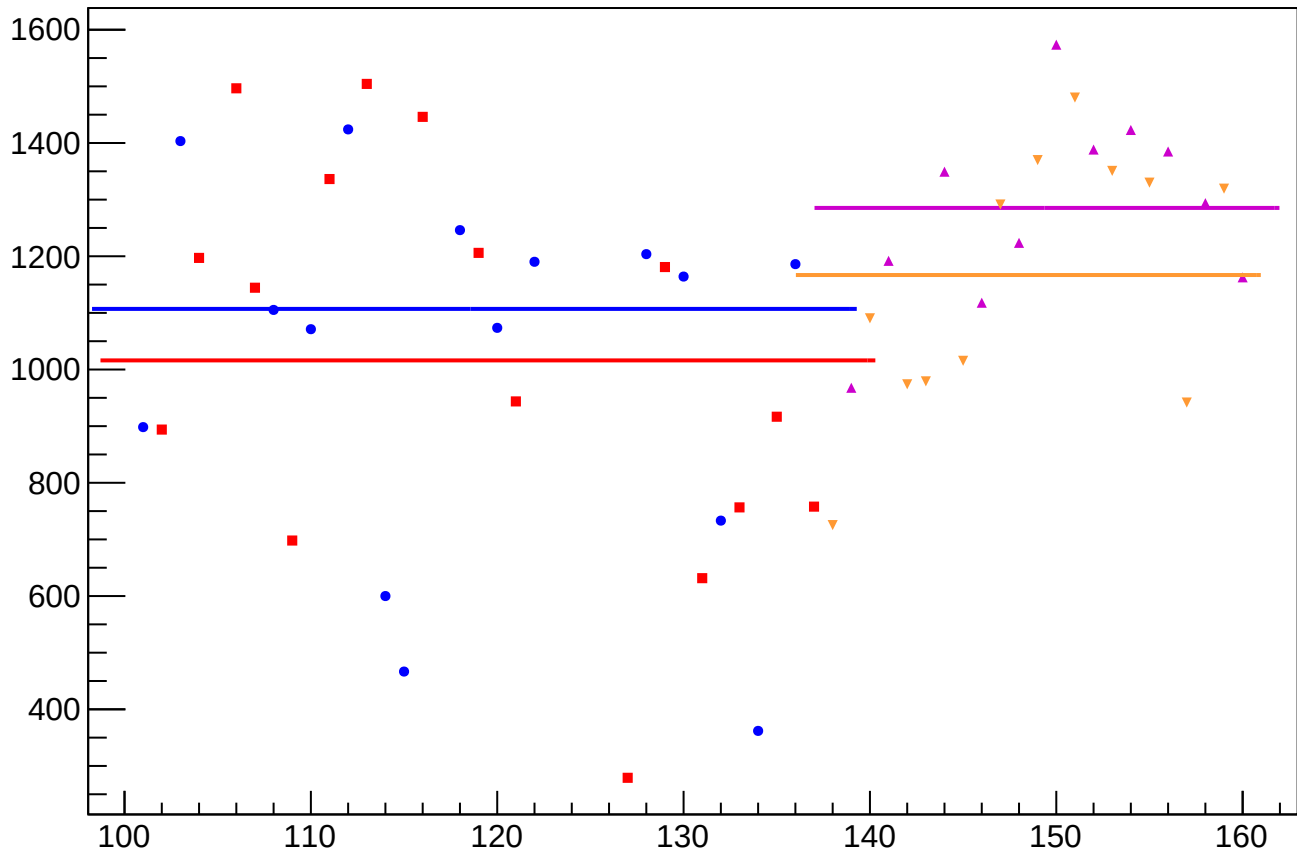
Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.190 $\pm$ 0.000 χ^2 /NDF: 50745822936032217336144814145536.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

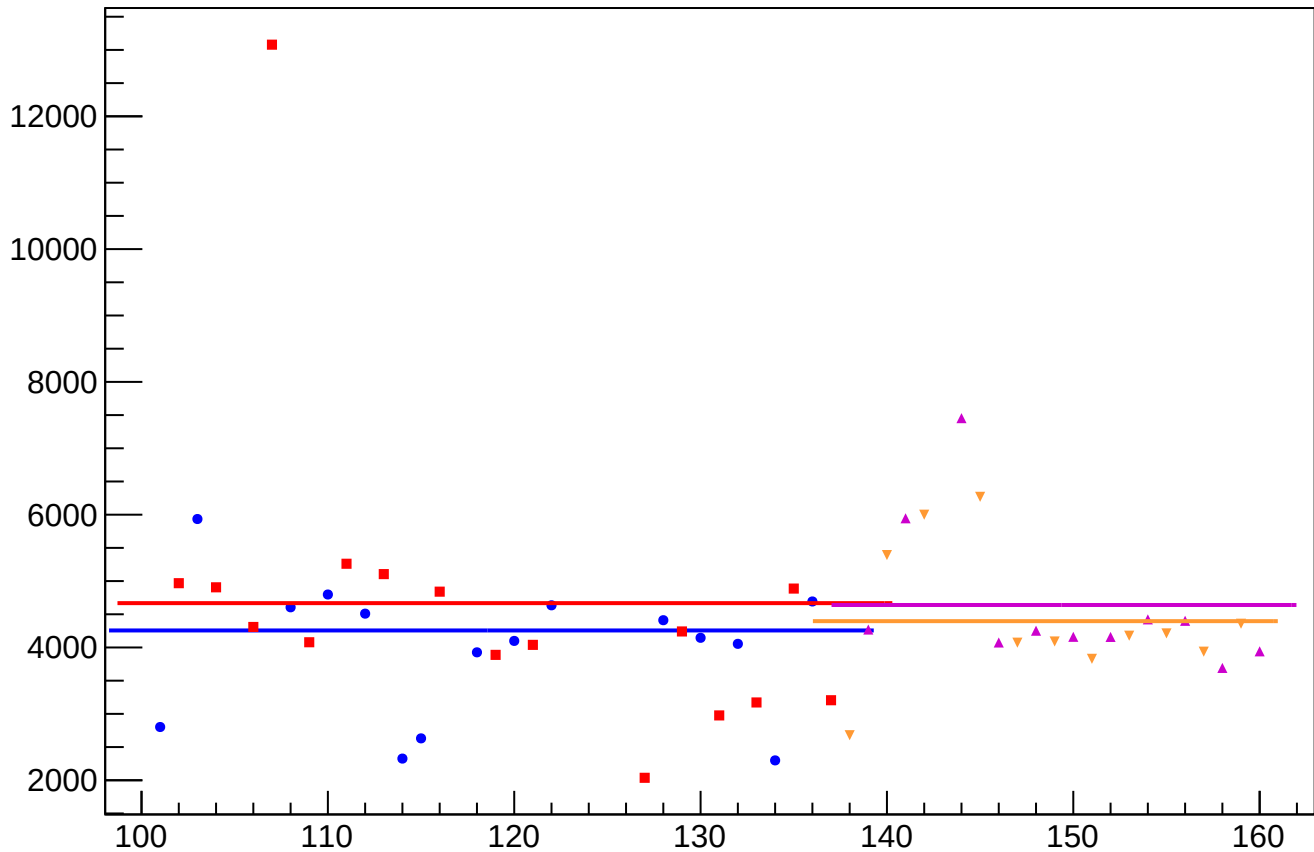
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

dit_4eY_coil4_Ndata_mean vs Slug



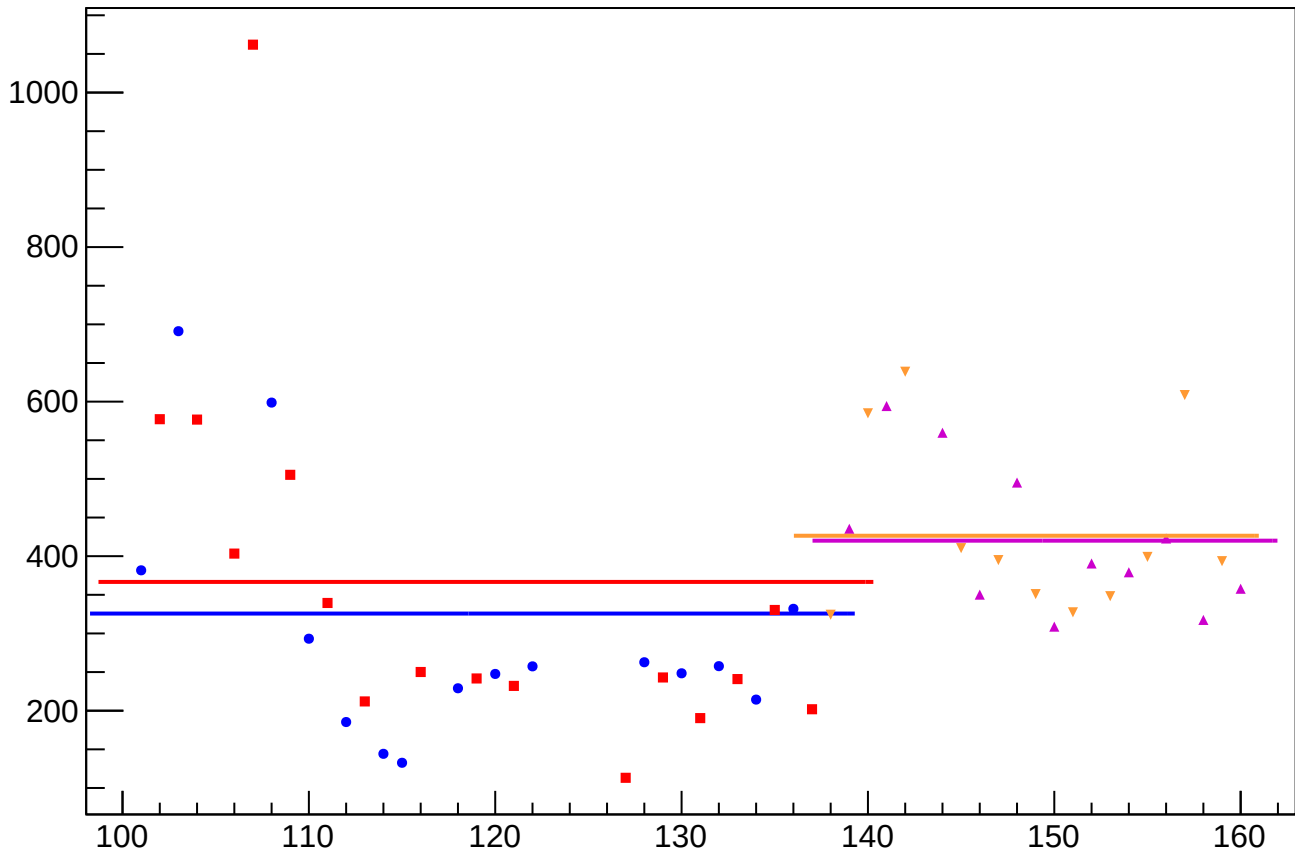
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14	+ sign 4335.661+/-0.000	χ^2/NDF : 12734954654857
Left Out: 4396.403+/-0.000	χ^2/NDF : 767686308157486440179100240552638021632.0/10	All: 4498.481+/-0.000	χ^2/NDF : 56111214278
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15	- sign 4651.578+/-0.000	χ^2/NDF : 42606752336216
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10		

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

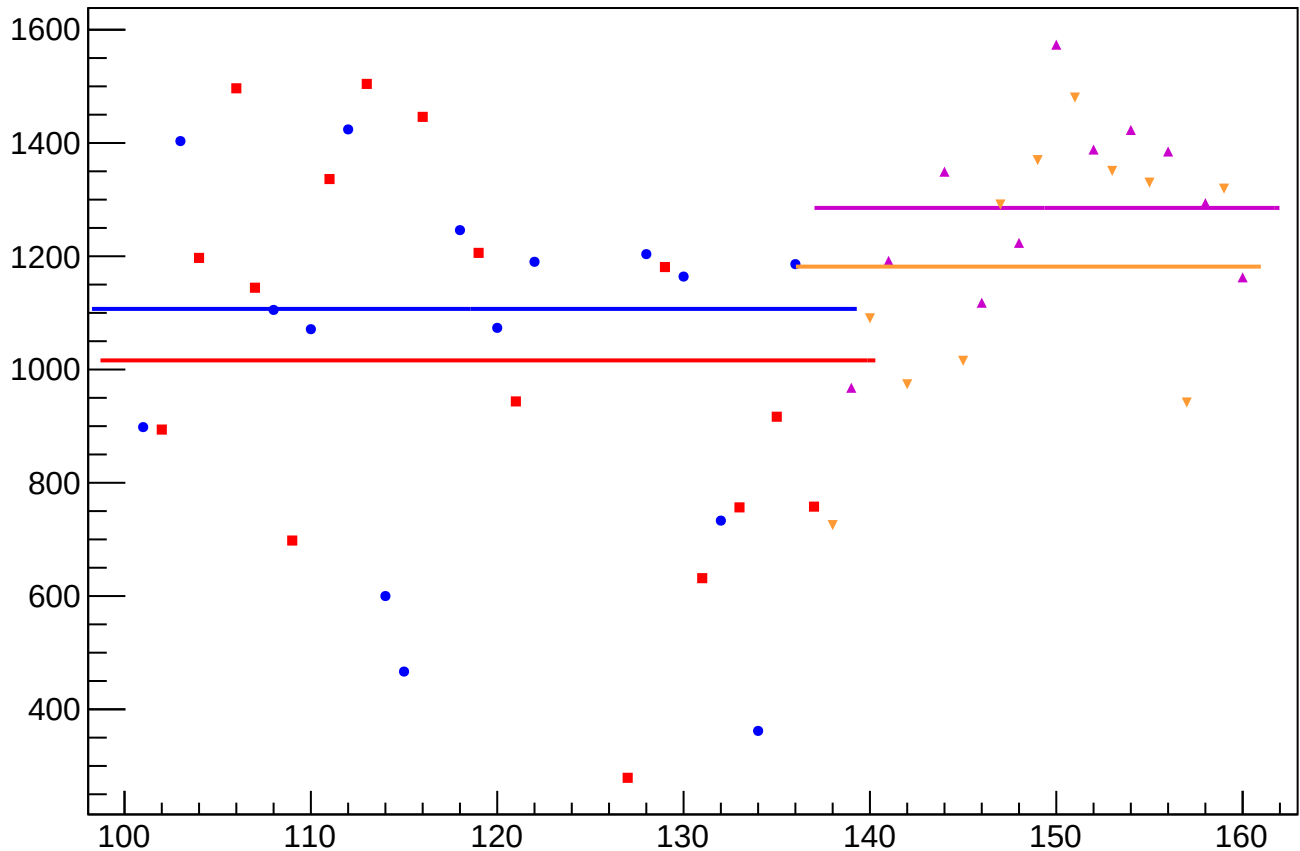
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

+ sign 382.754+/-0.000 χ^2/NDF : 279252260301187

All: 390.448+/-0.000 χ^2/NDF : 690046326749

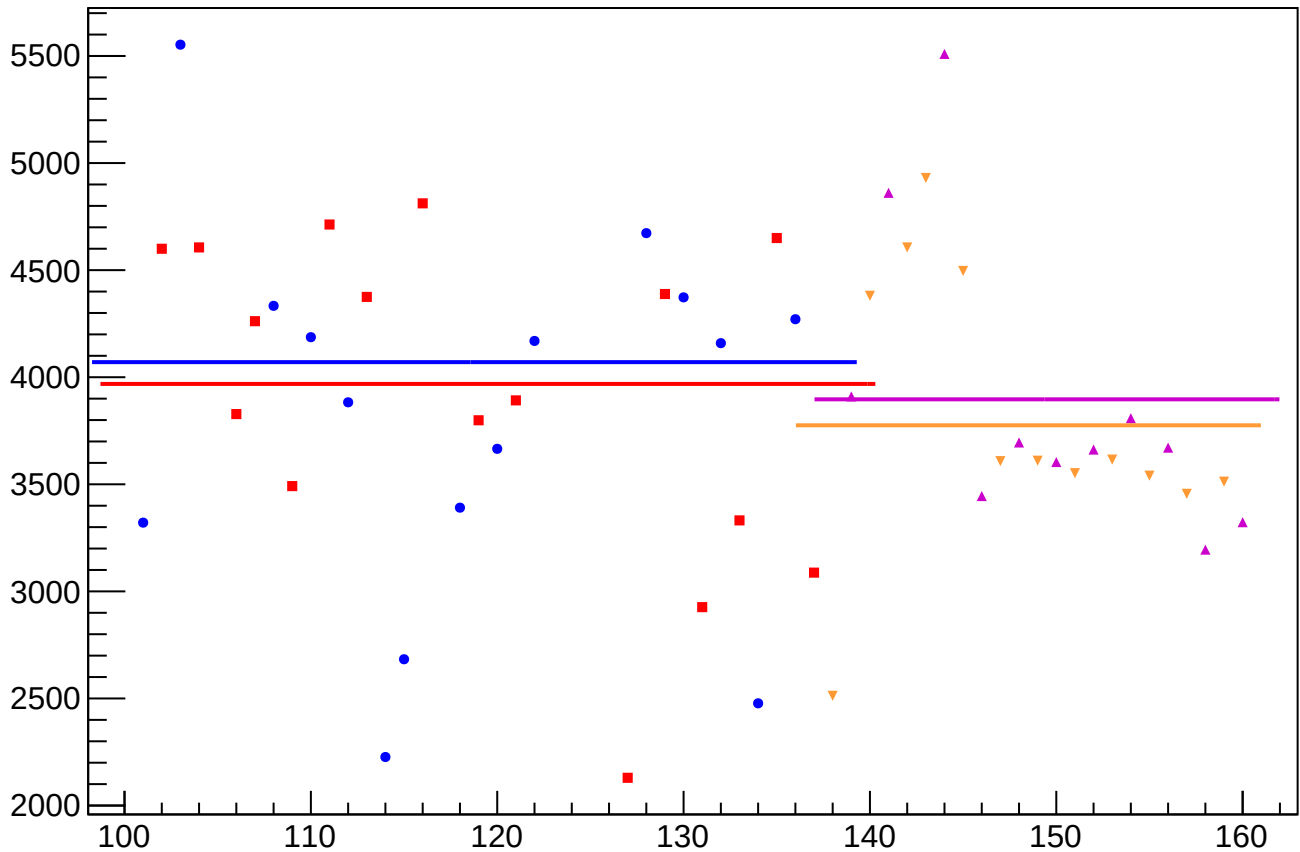
- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

dit_usl_coil4_Ndata_mean vs Slug



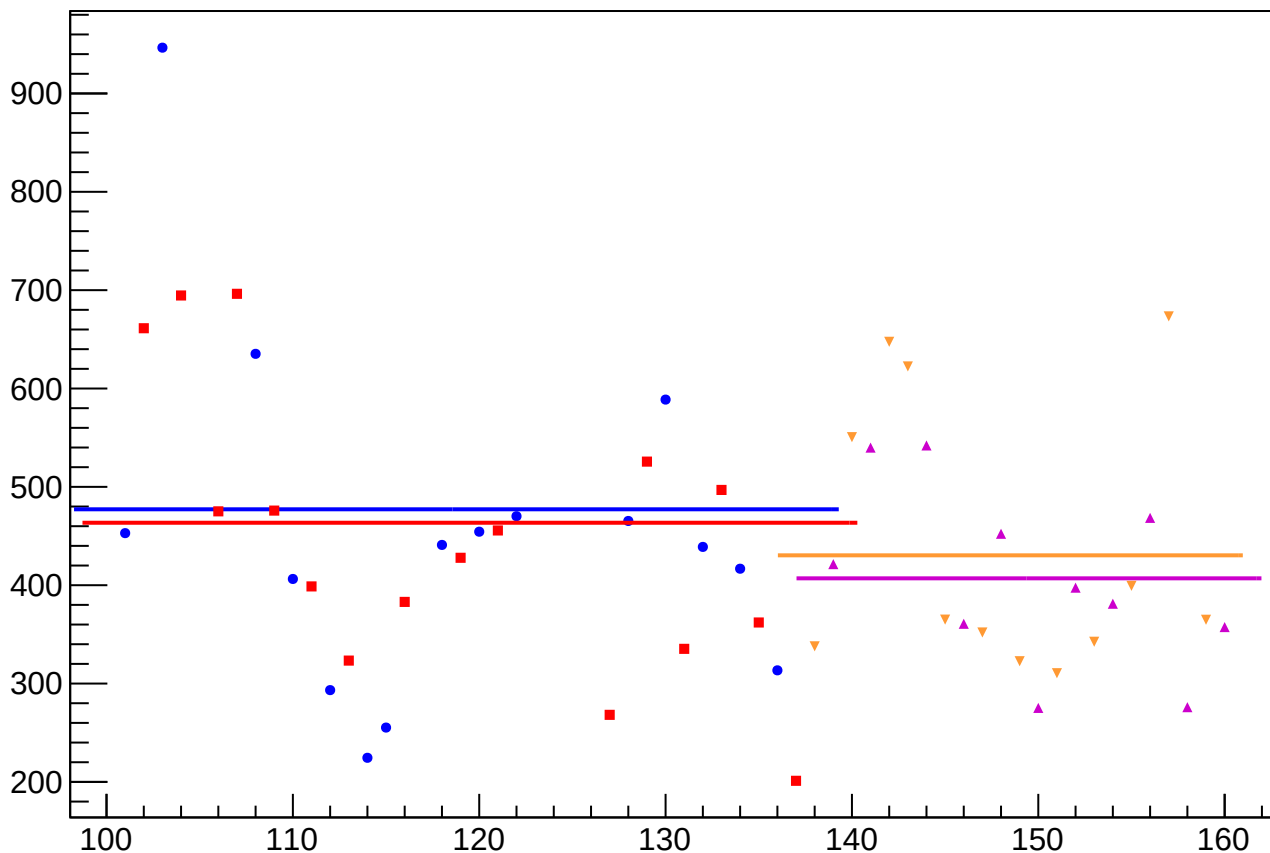
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 $\pm$ 0.000 χ^2 /NDF: 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3775.469+/-0.000 χ^2/NDF : 344611737456116155441573311529372090368.0/11
 Right Out: 3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: 3896.757+/-0.000 χ^2/NDF : 412530714584693730225130204014353317888.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385+/-0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

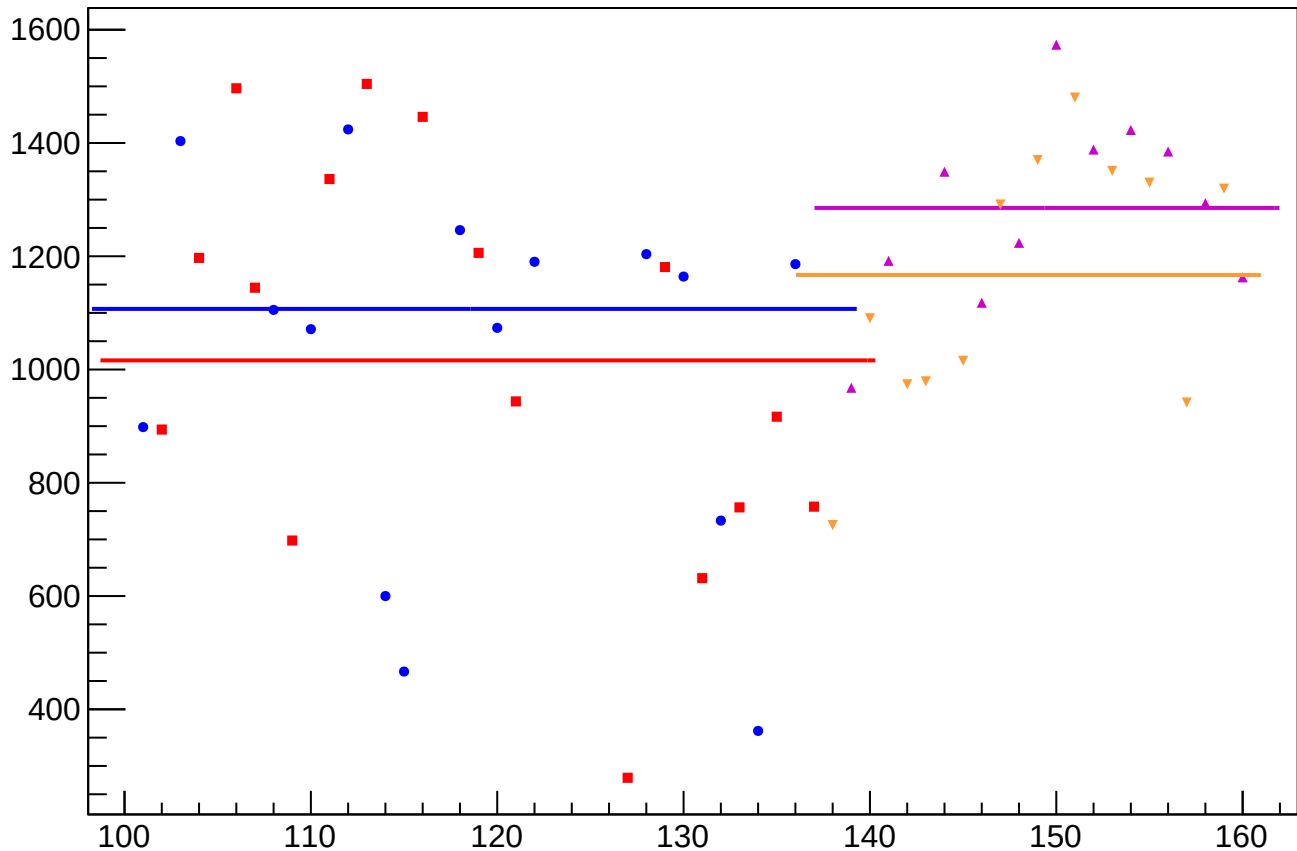
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

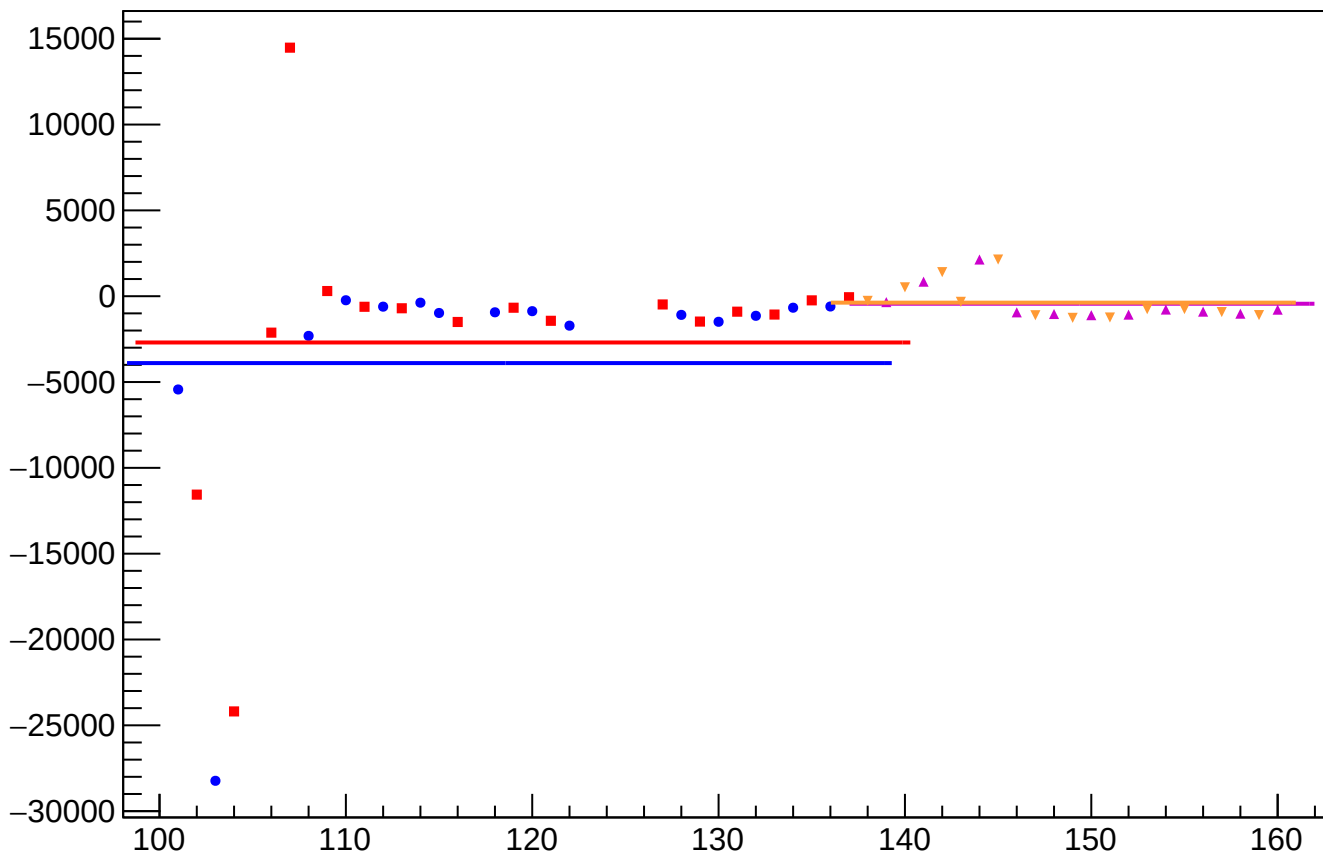
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



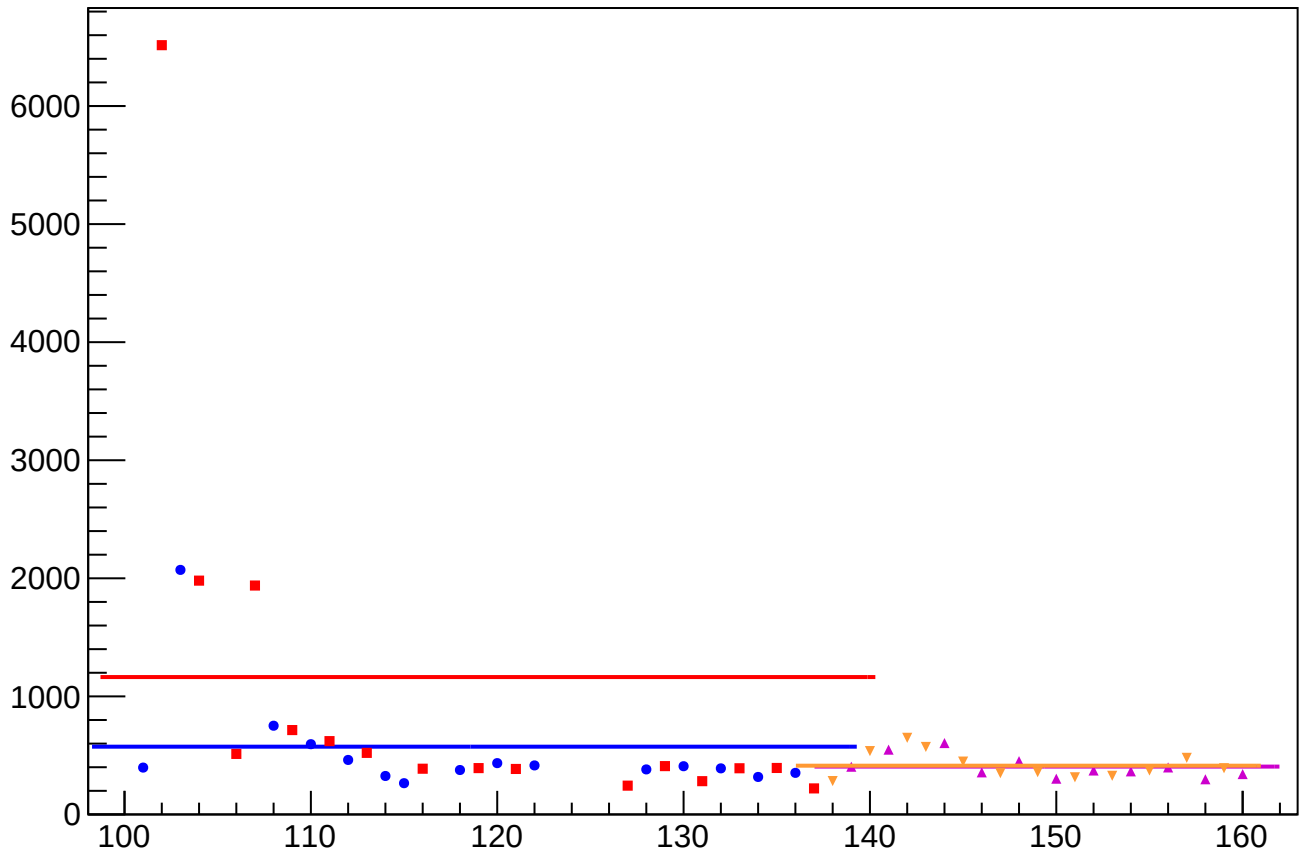
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10
 All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442
 + sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316
 - sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430+/-0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug



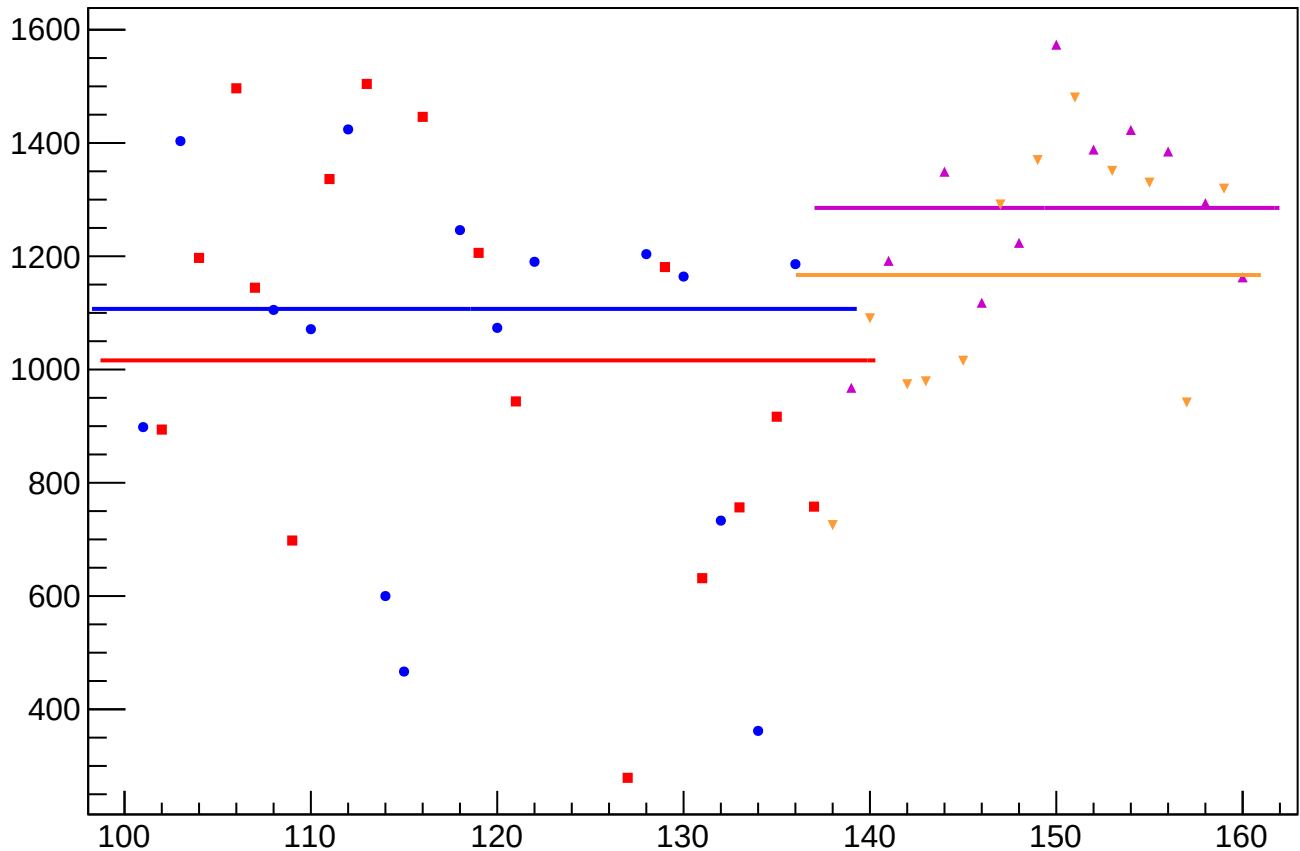
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 413.017+/-0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
+ sign 479.885+/-0.000 χ^2/NDF : 171327208770113

Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
All: 602.666+/-0.000 χ^2/NDF : 245208957785

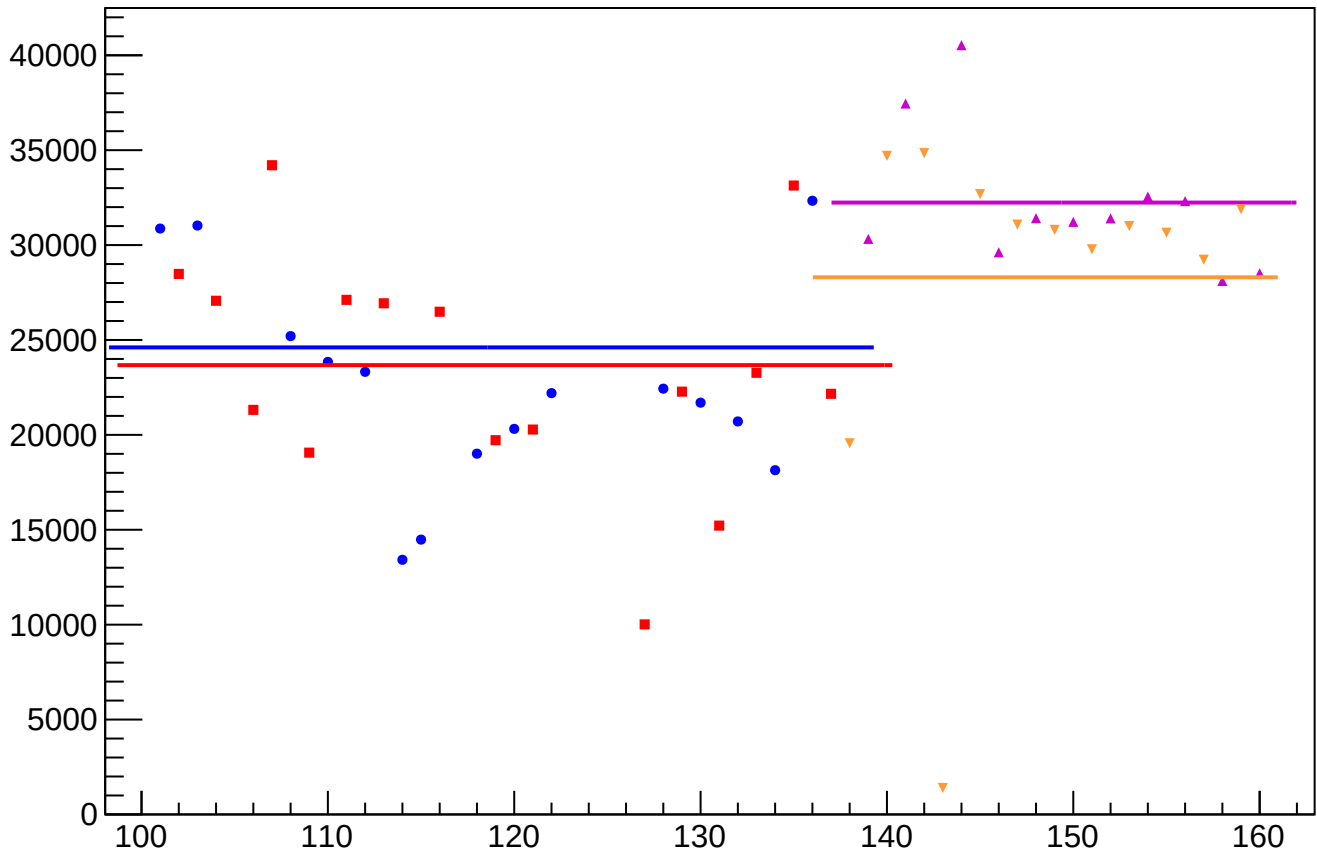
Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10
- sign 723.286+/-0.000 χ^2/NDF : 223405186584258

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

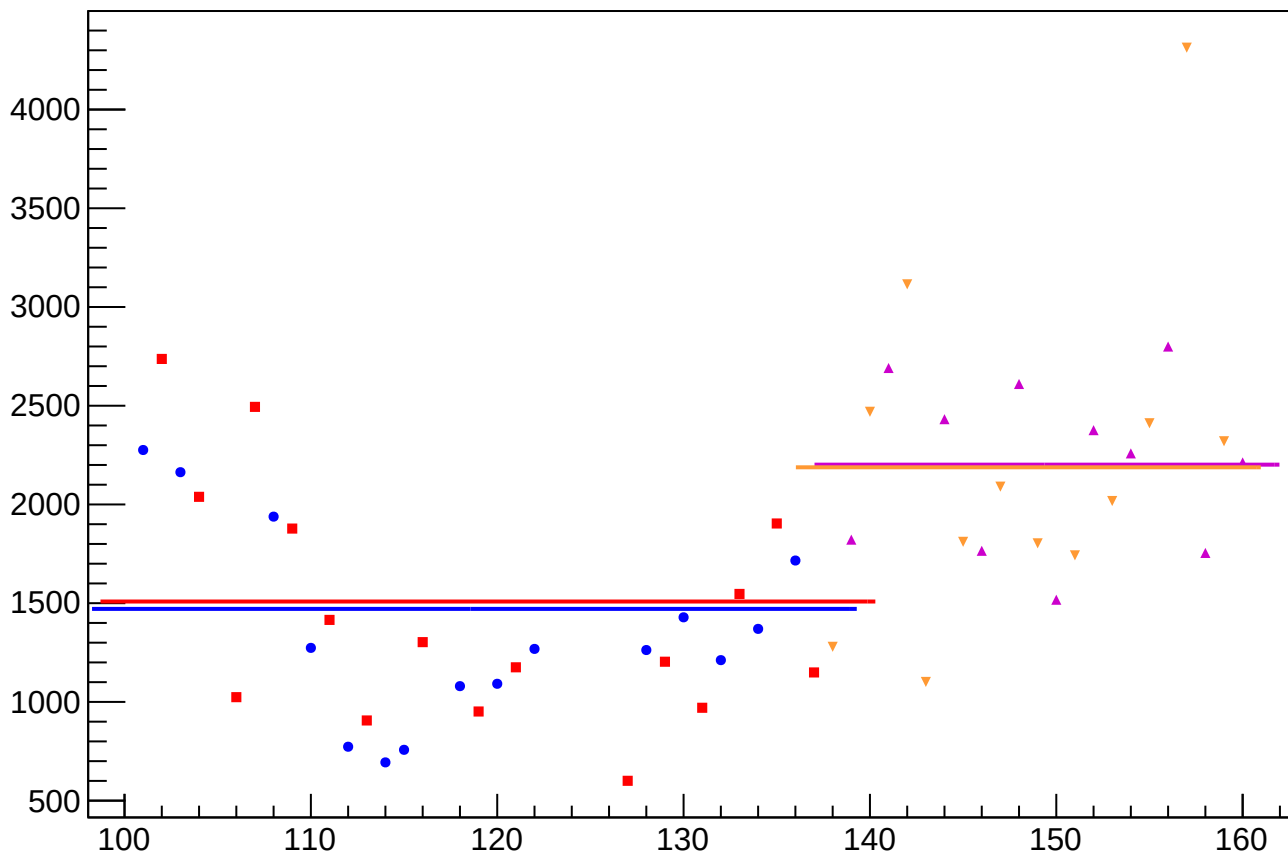
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851
 All: 27716.891+/-0.000 χ^2/NDF : 1554384105
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

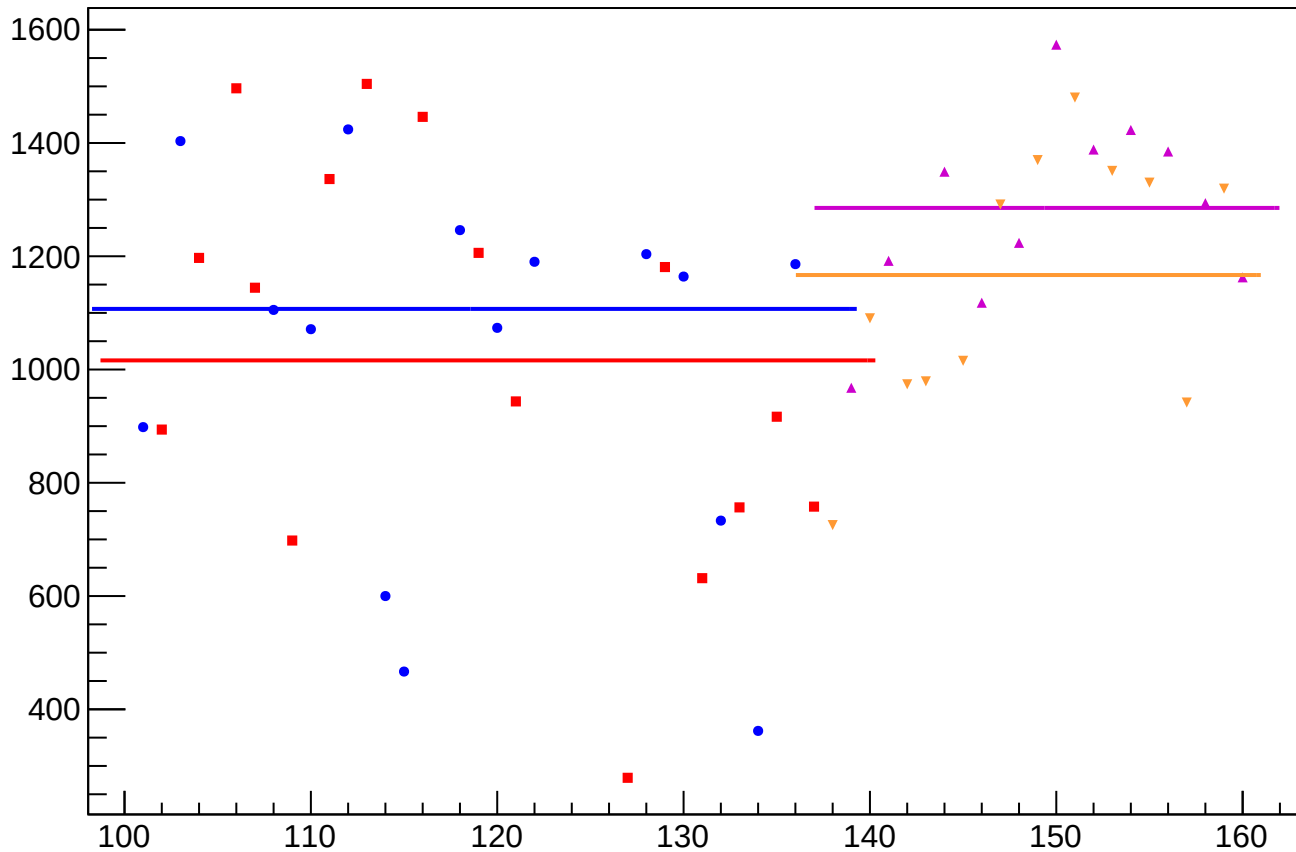
Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

+ sign 1890.398+/-0.000 χ^2/NDF : 92815894238304

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

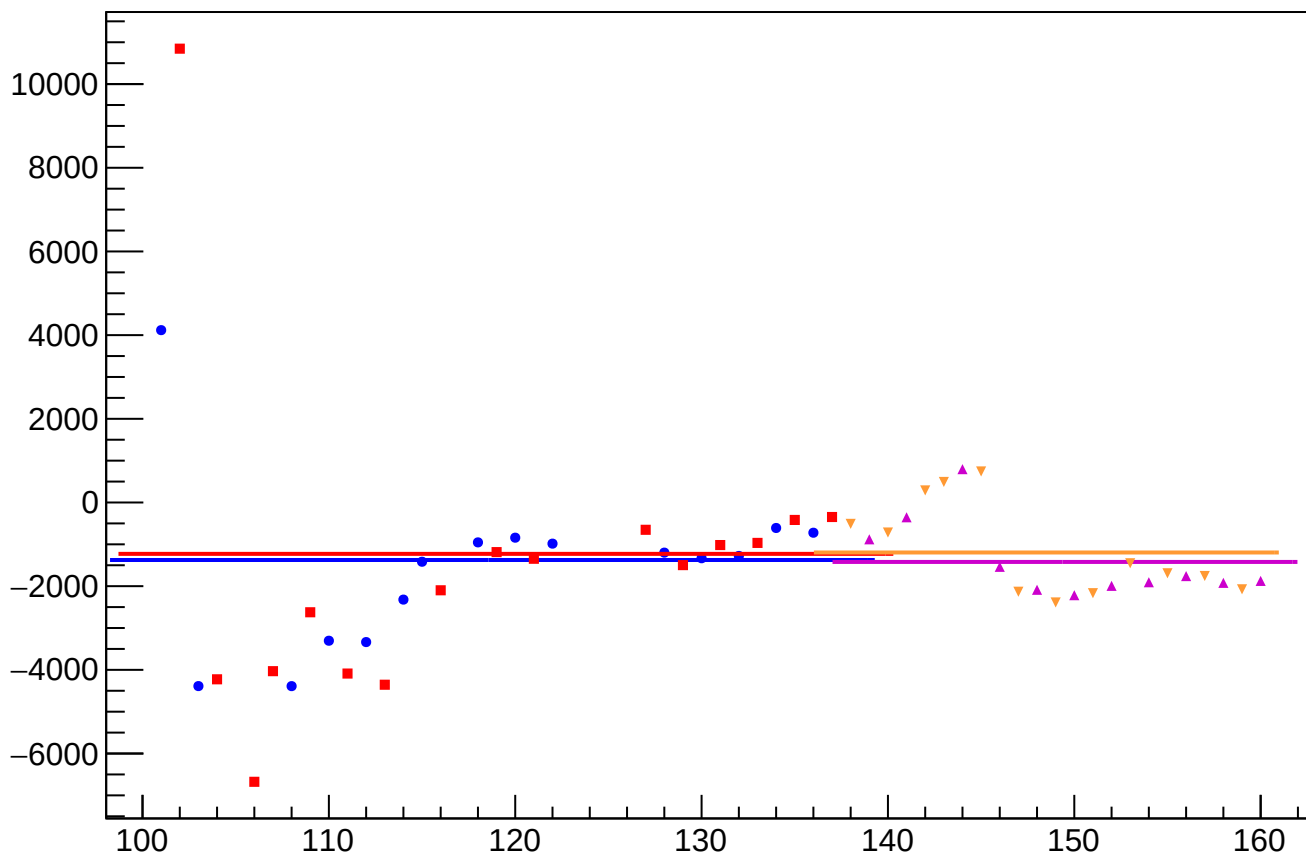
Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

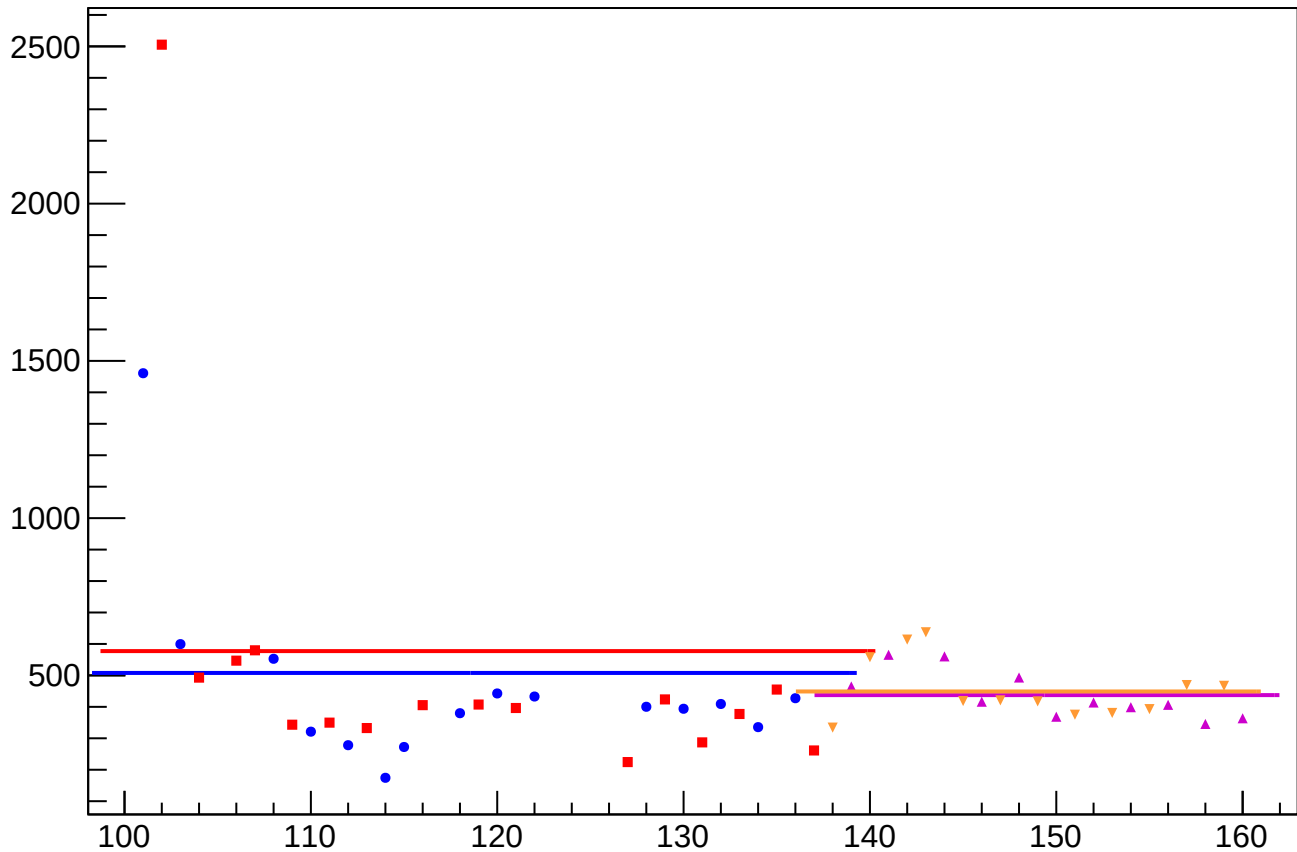
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1194.978+/-0.000	χ^2/NDF : 1012982164343735644721296583058593415168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1269.525+/-0.000 χ^2/NDF : 4097990392534
 All: -1305.037+/-0.000 χ^2/NDF : 1597961645
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.905+/-0.000 χ^2/NDF : 6972444969041725929744111494148128768.0/11

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

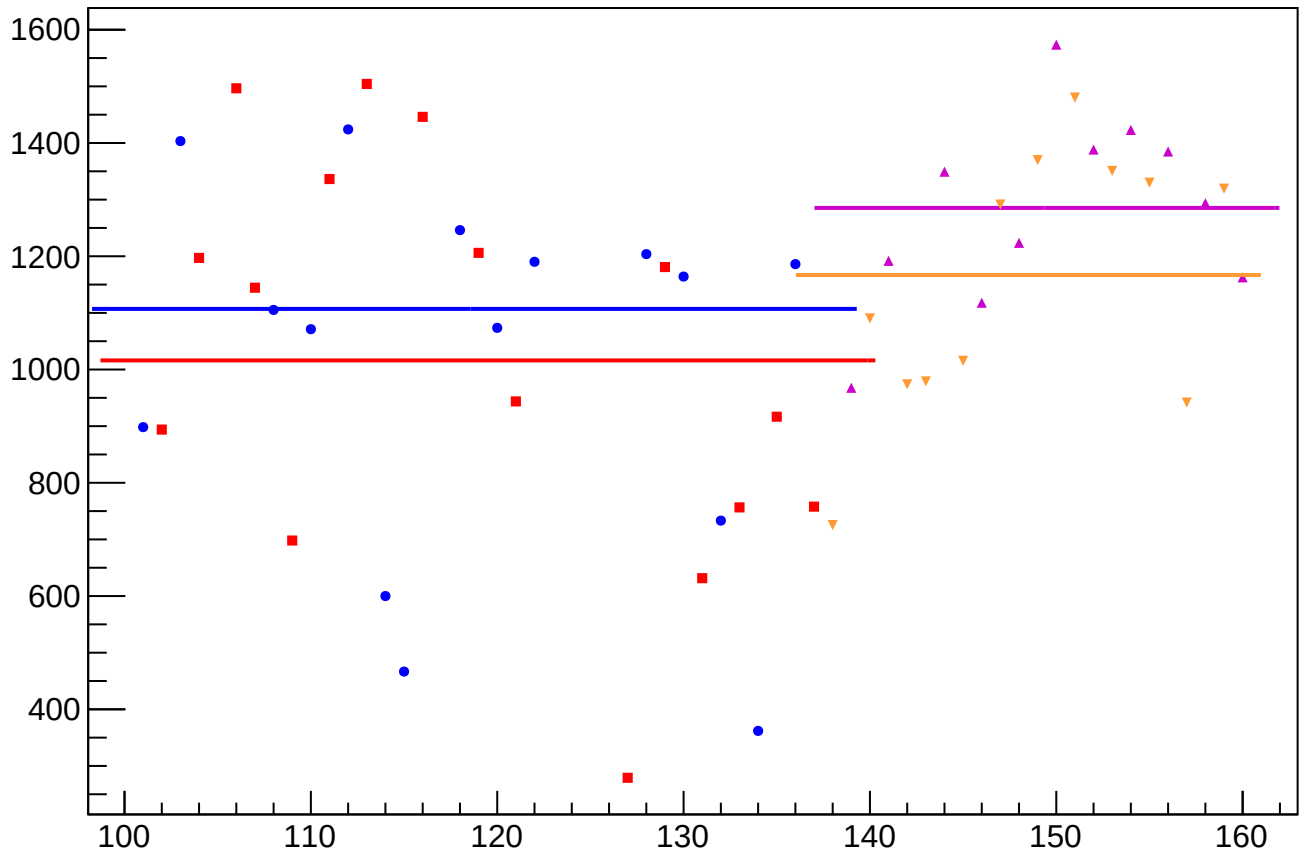
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

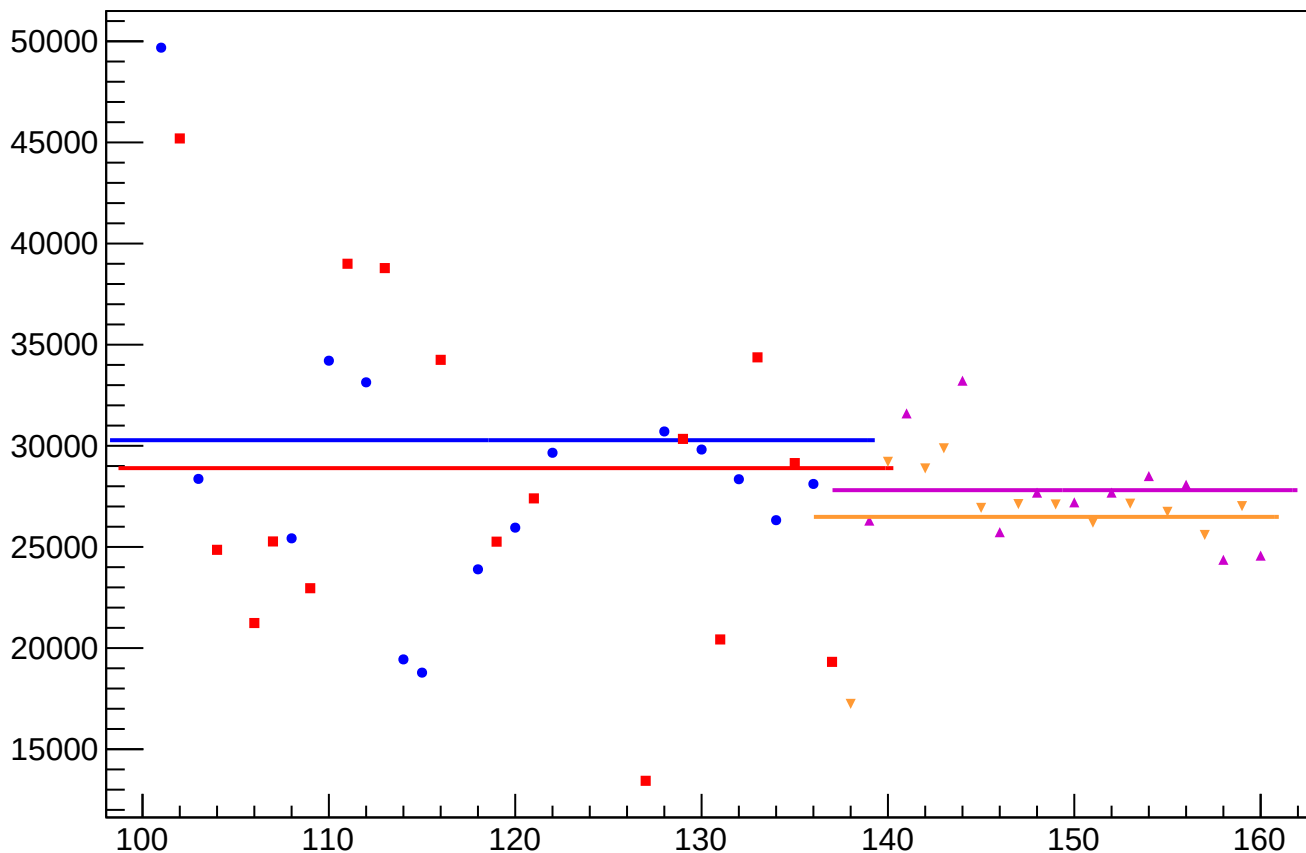
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

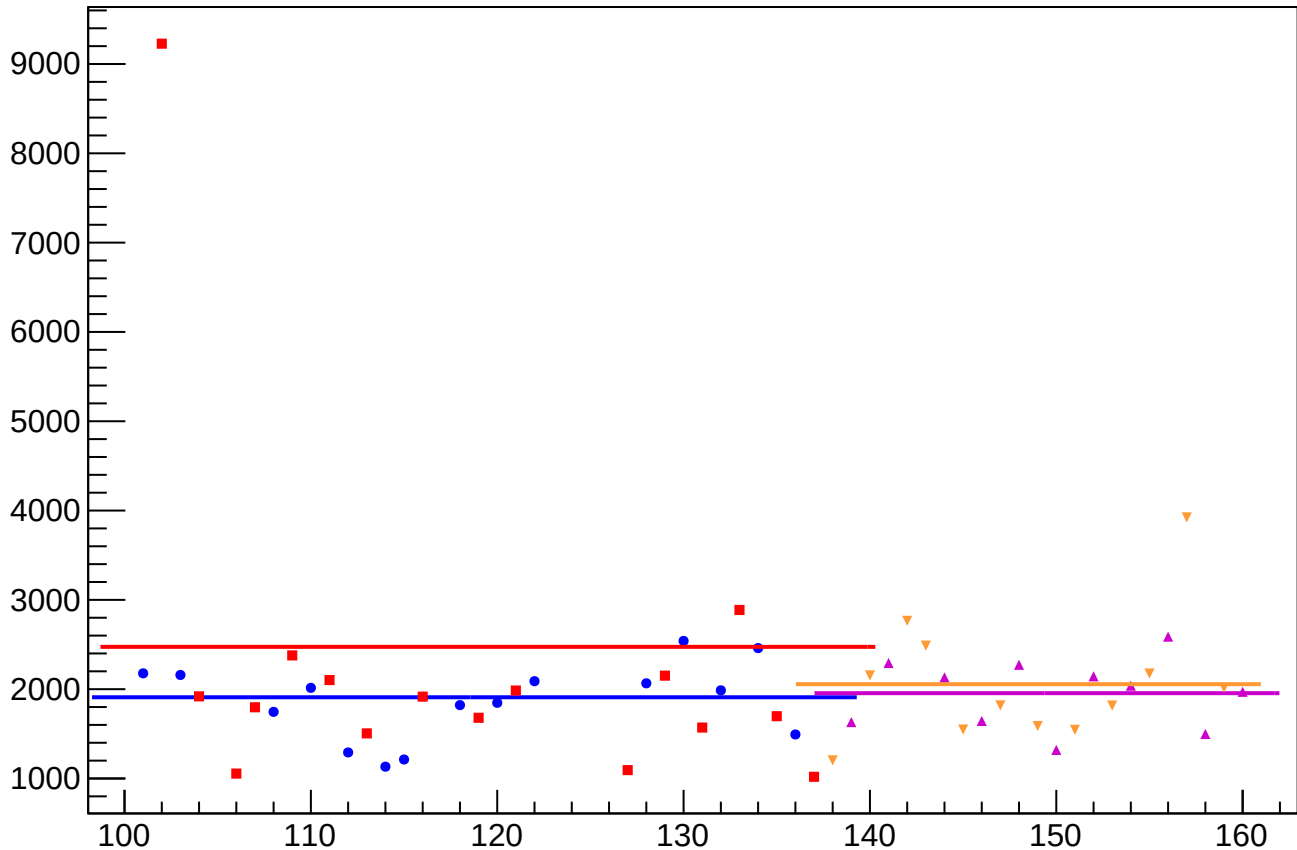
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26486.725+/-0.000	χ^2/NDF : 8520993483340987429131750717035884052480.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

+ sign 28060.820+/-0.000 χ^2/NDF : 4495105358177
 All: 28163.219+/-0.000 χ^2/NDF : 986055664
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

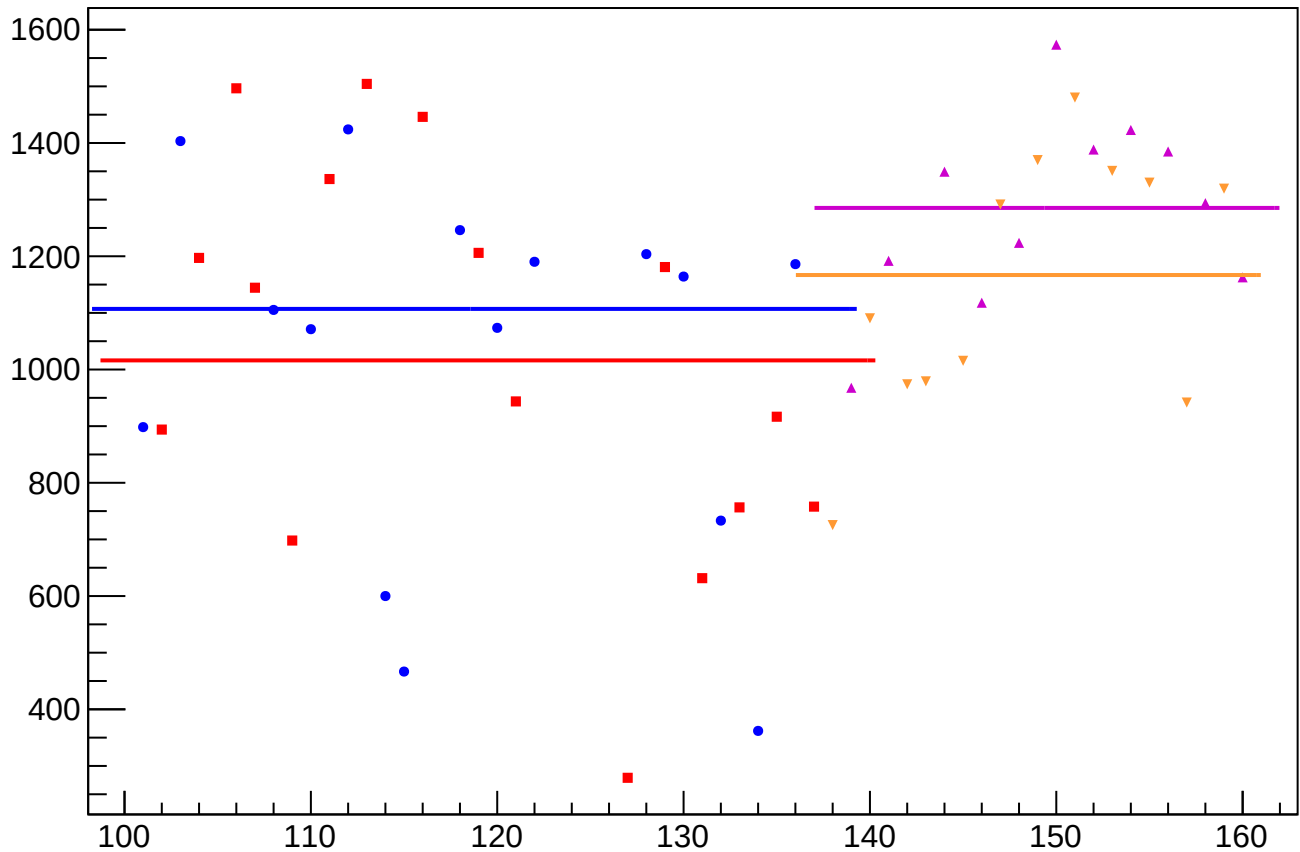
dit_atr2_coil4_err_mean vs Slug



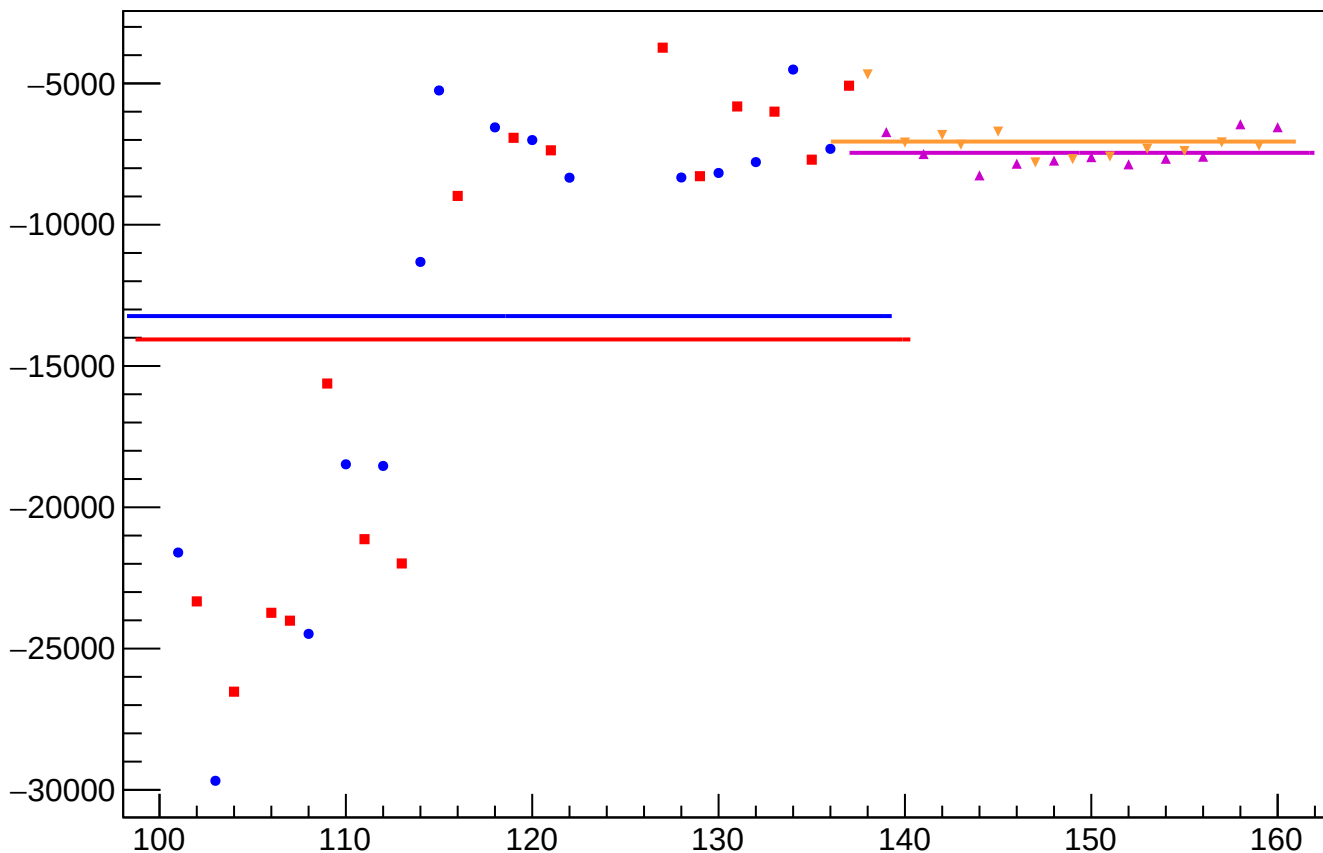
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2055.788+/-0.000	χ^2/NDF : 438010168588723075505721290768963862528.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

+ sign 1995.018+/-0.000 χ^2/NDF : 53377625694473
 All: 2084.675+/-0.000 χ^2/NDF : 38237081973
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



dit_sam1_coil4_mean vs Slug



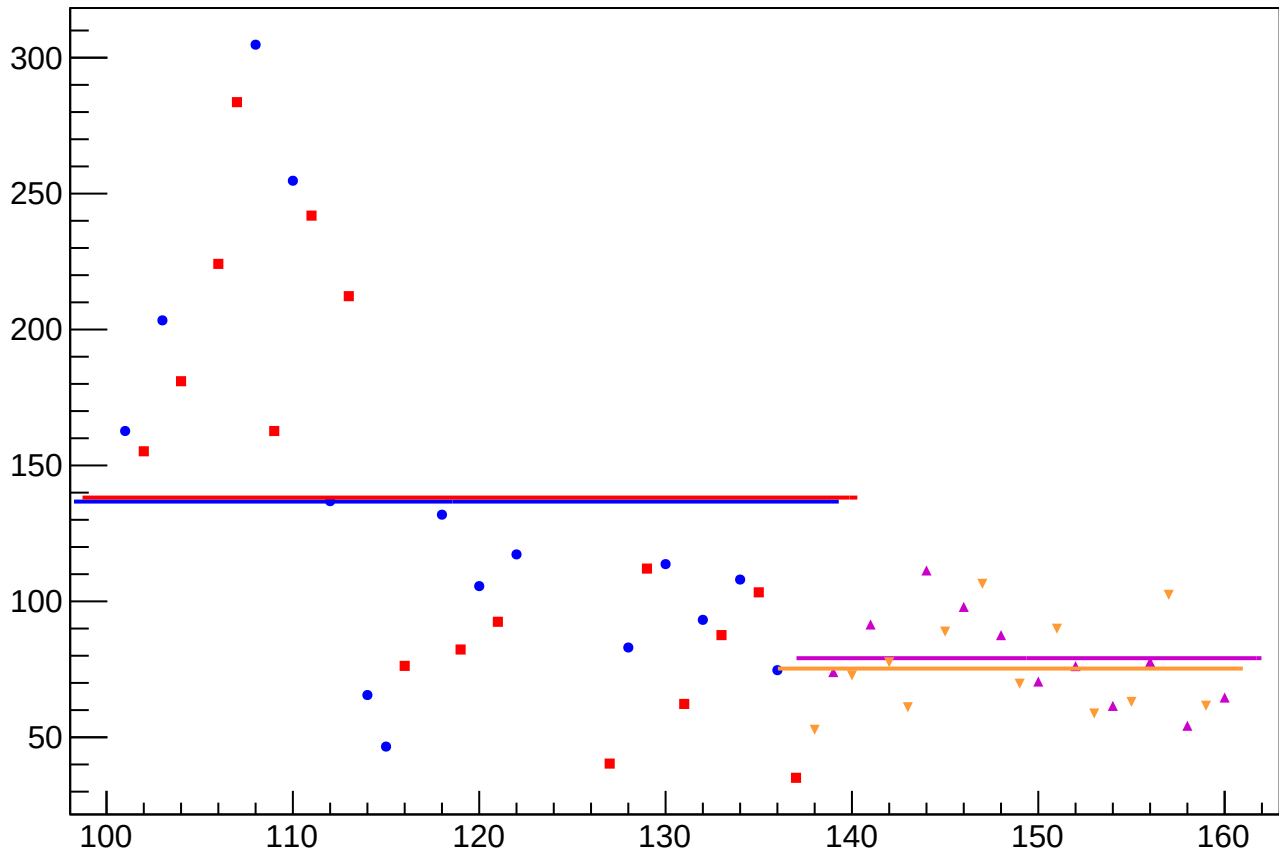
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14

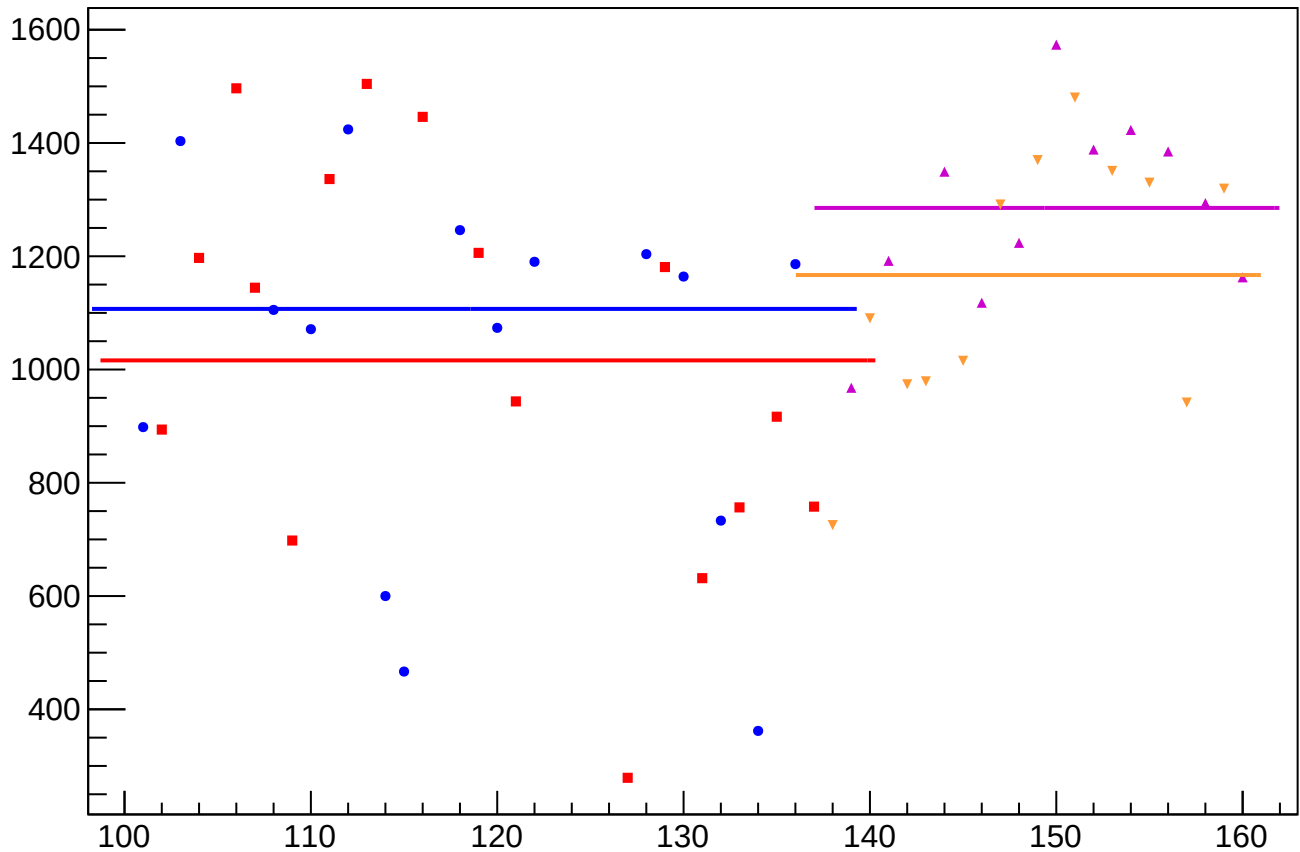
Left Out: 75.280 $\pm$ 0.000 χ^2 /NDF: 271565230291715258223184233837363200.0/11

Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15

Left In: 79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10

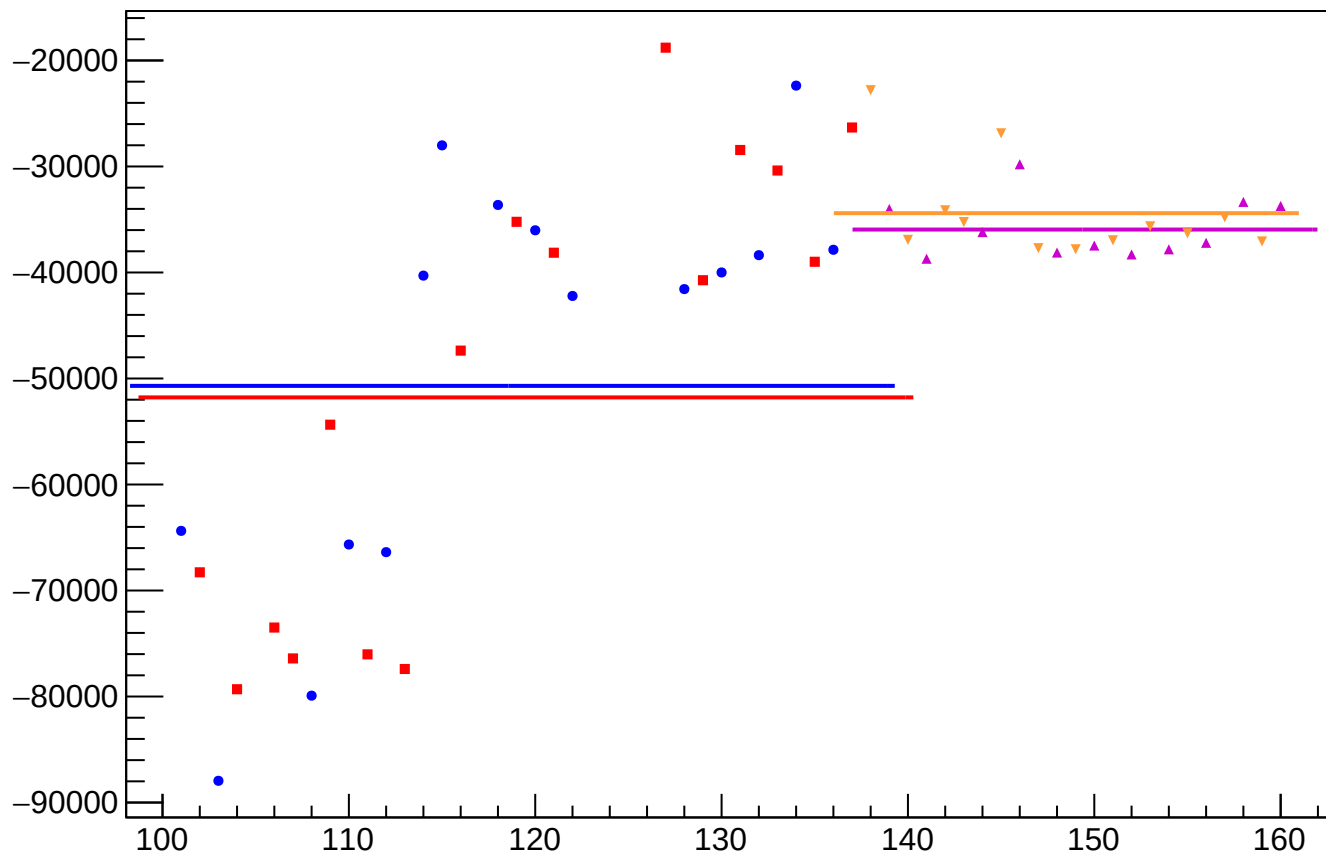
All: 102.340 $\pm$ 0.000 χ^2 /NDF: 922540453685

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

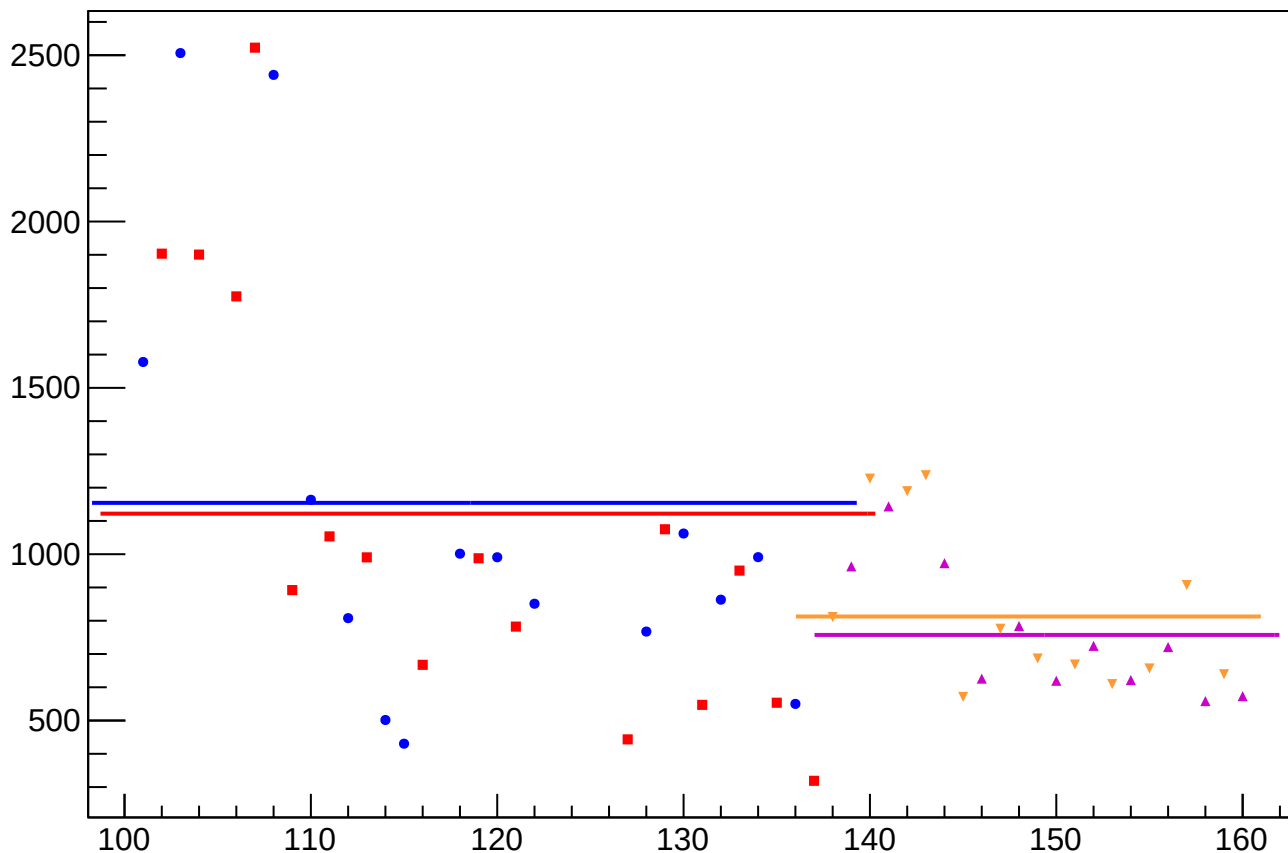
dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000	χ^2/NDF : 226613585253908576683077761132188355526656.0/14
Left Out: -34404.656+/-0.000	χ^2/NDF : 18820007226442898256054839449855820038144.0/11
Right Out: -51783.912+/-0.000	χ^2/NDF : 281789617729131996271154198472617478848512.0/15
Left In: -35949.660+/-0.000	χ^2/NDF : 6535777806152232441815832130596699635712.0/10

+ sign -41169.025+/-0.000 χ^2/NDF : 346153436808
 All: -41884.763+/-0.000 χ^2/NDF : 733189271
 - sign -42587.904+/-0.000 χ^2/NDF : 3854485377902

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

Left Out: 812.768+/-0.000 χ^2/NDF : 48869150953187834312923483015749828608.0/11

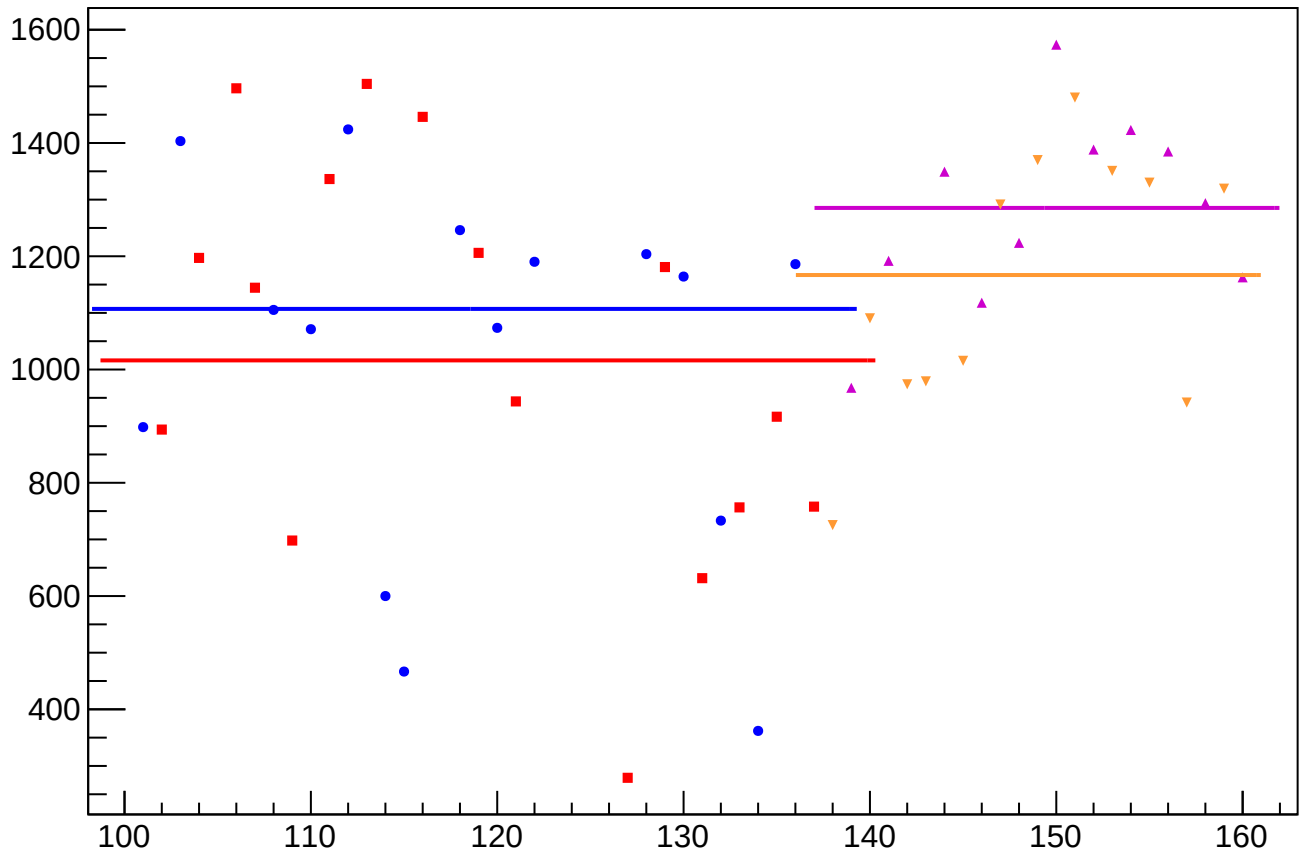
All: 932.198+/-0.000 χ^2/NDF : 65265633909

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

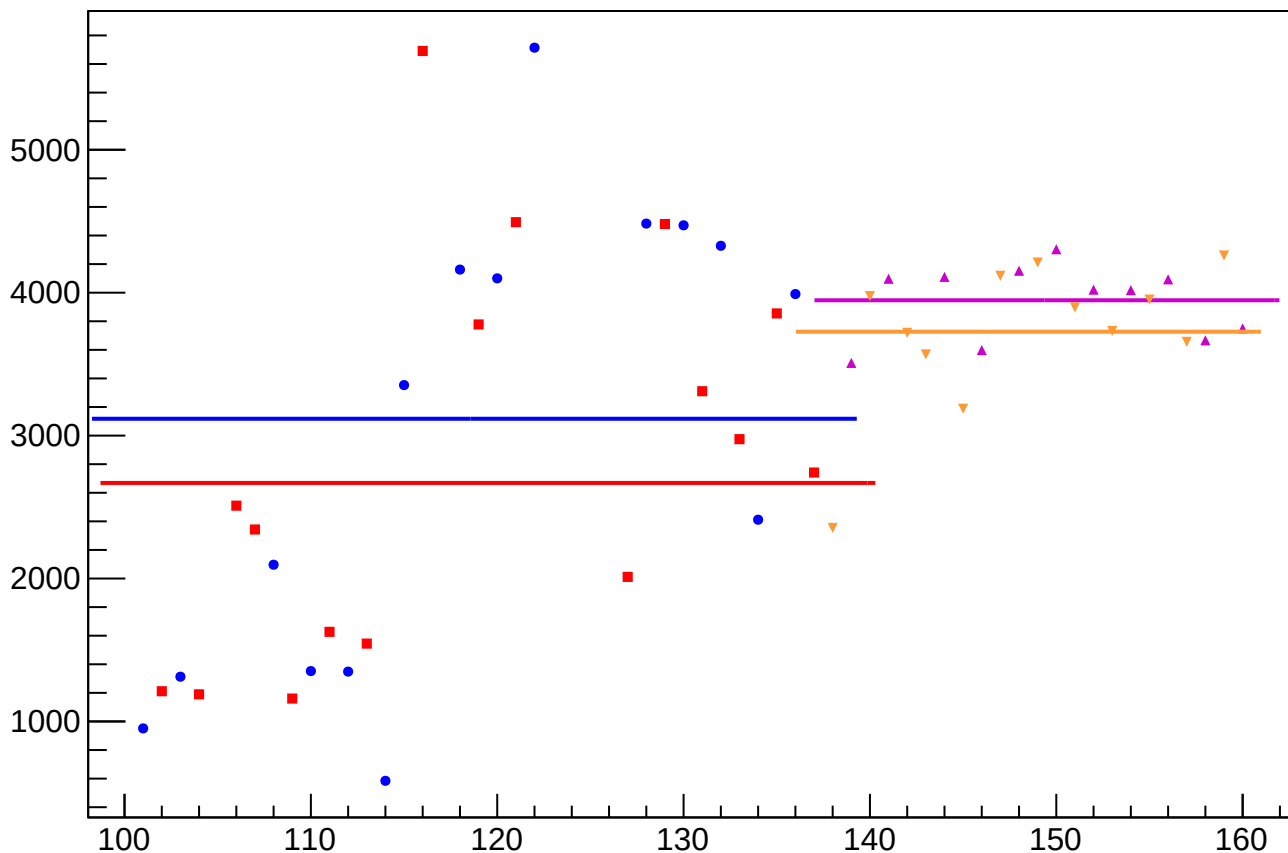
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

dit_sam2_coil4_Ndata_mean vs Slug



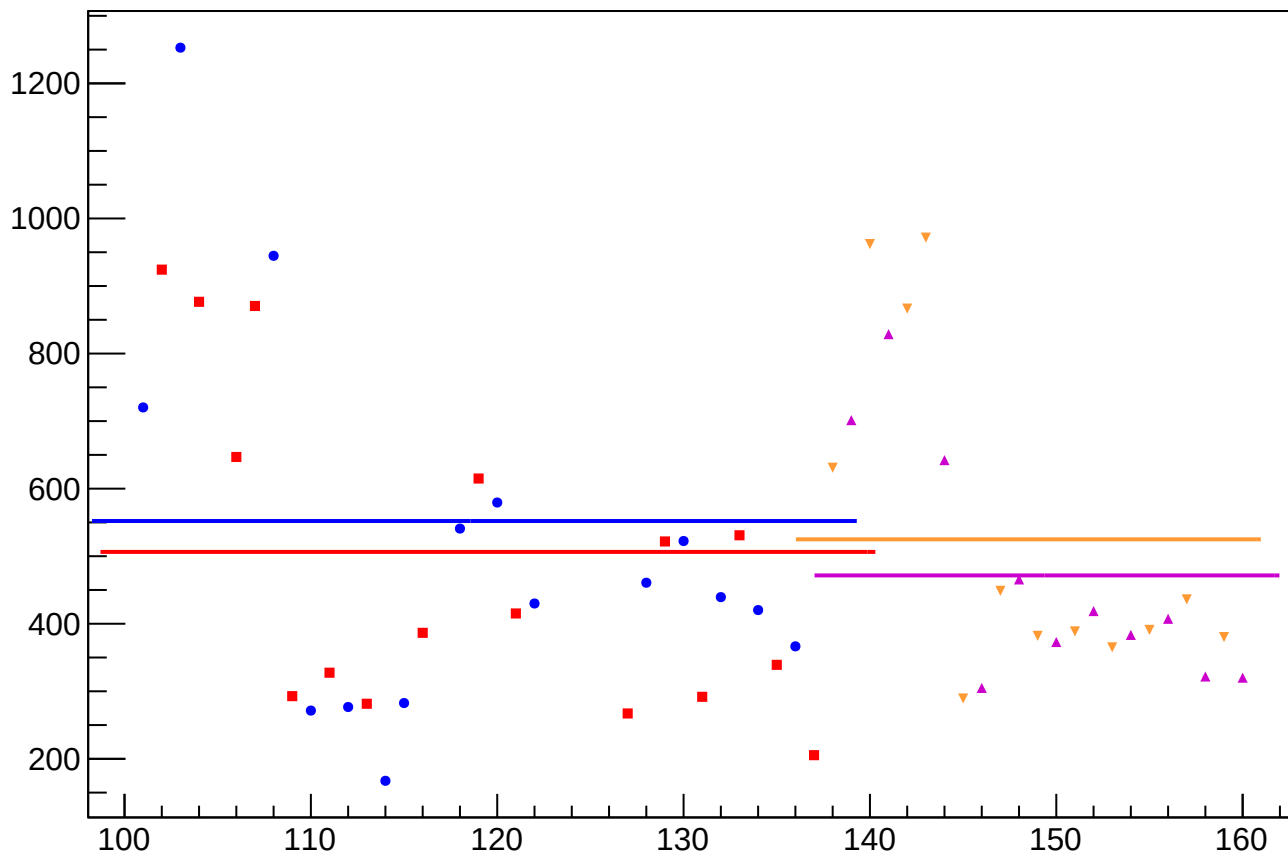
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3474.146+/-0.000	χ^2/NDF : 19310560227592
Left Out: 3727.095+/-0.000	χ^2/NDF : 237477678561542860292825834329185714176.0/11	All: 3442.374+/-0.000	χ^2/NDF : 37604904568
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3411.160+/-0.000	χ^2/NDF : 18263065086829
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10		

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

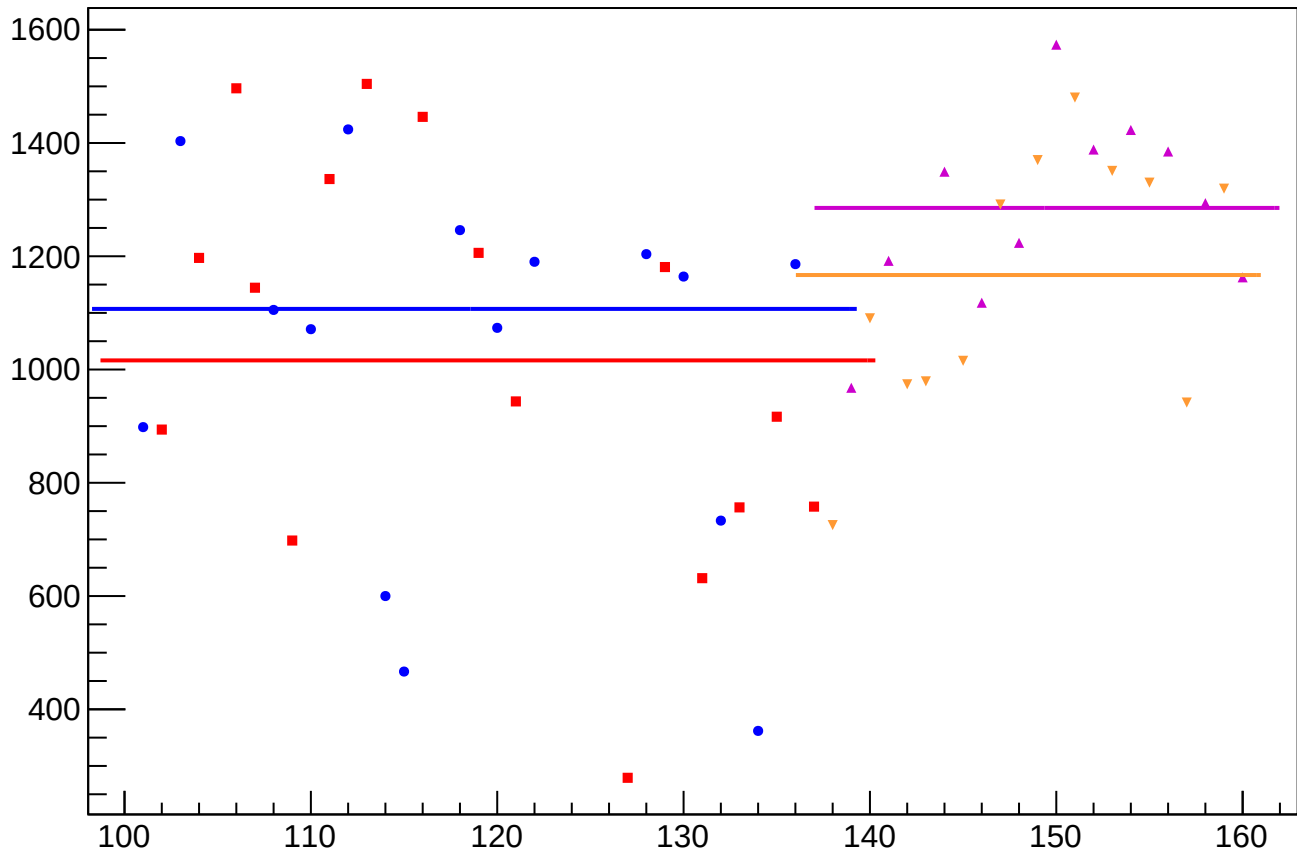
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

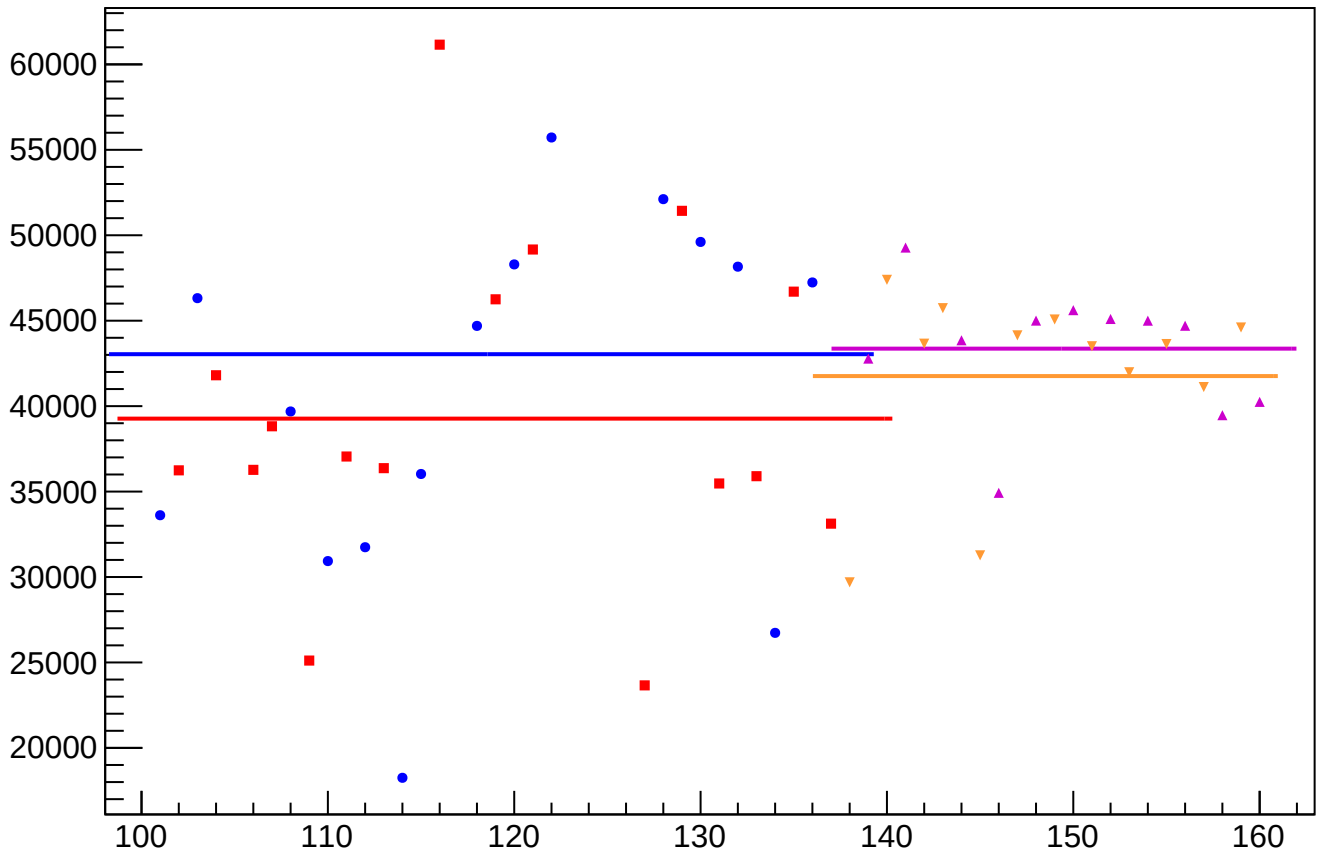
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_sam4_coil4_mean vs Slug



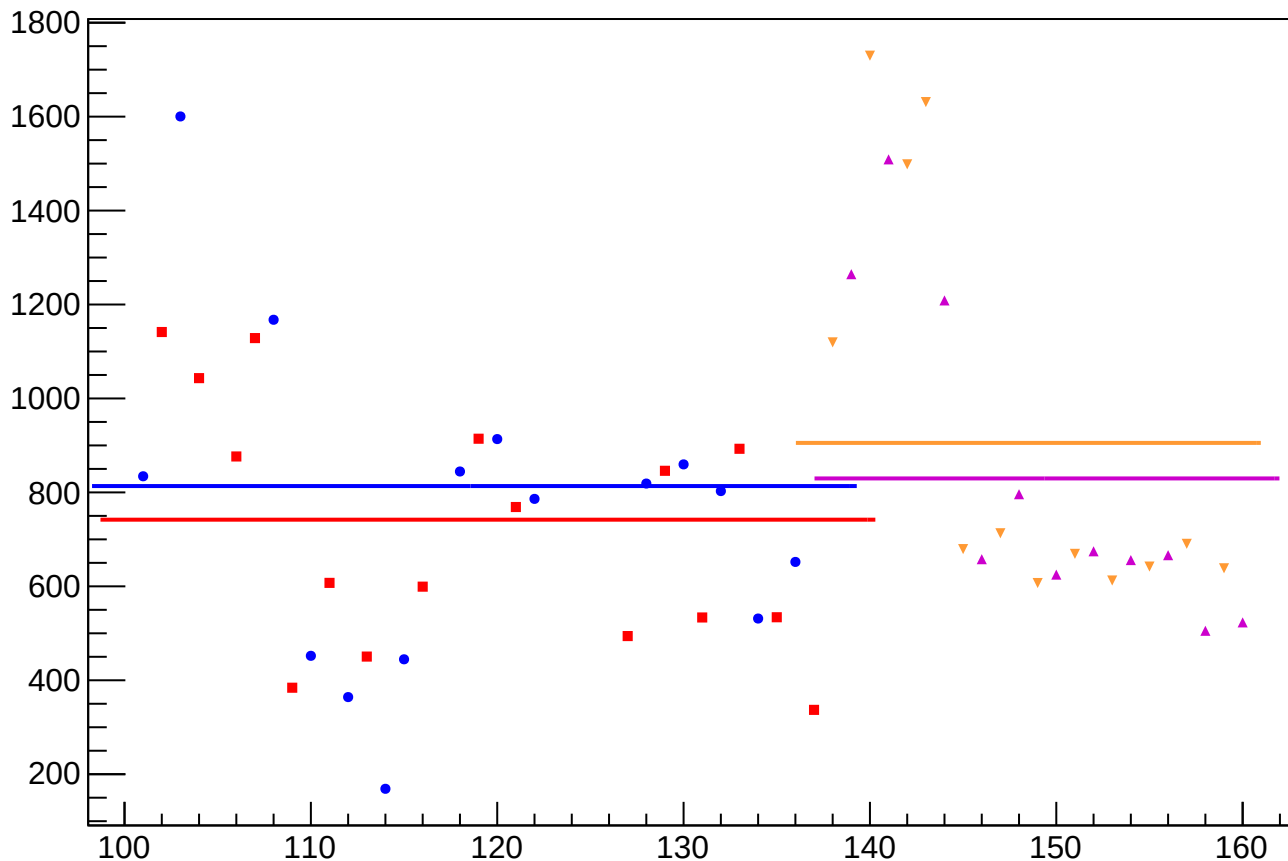
Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529

All: 41966.664+/-0.000 χ^2/NDF : 146263445

- sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



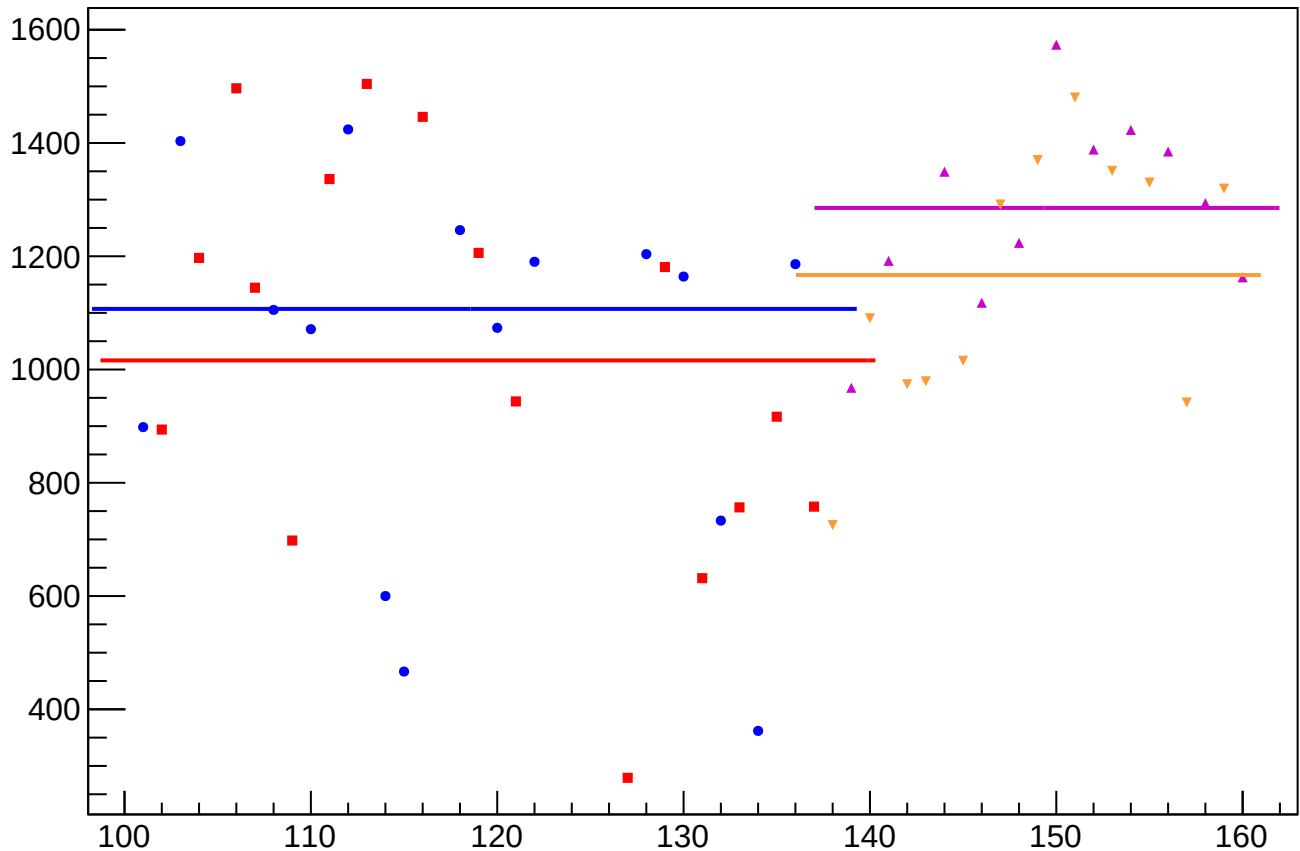
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

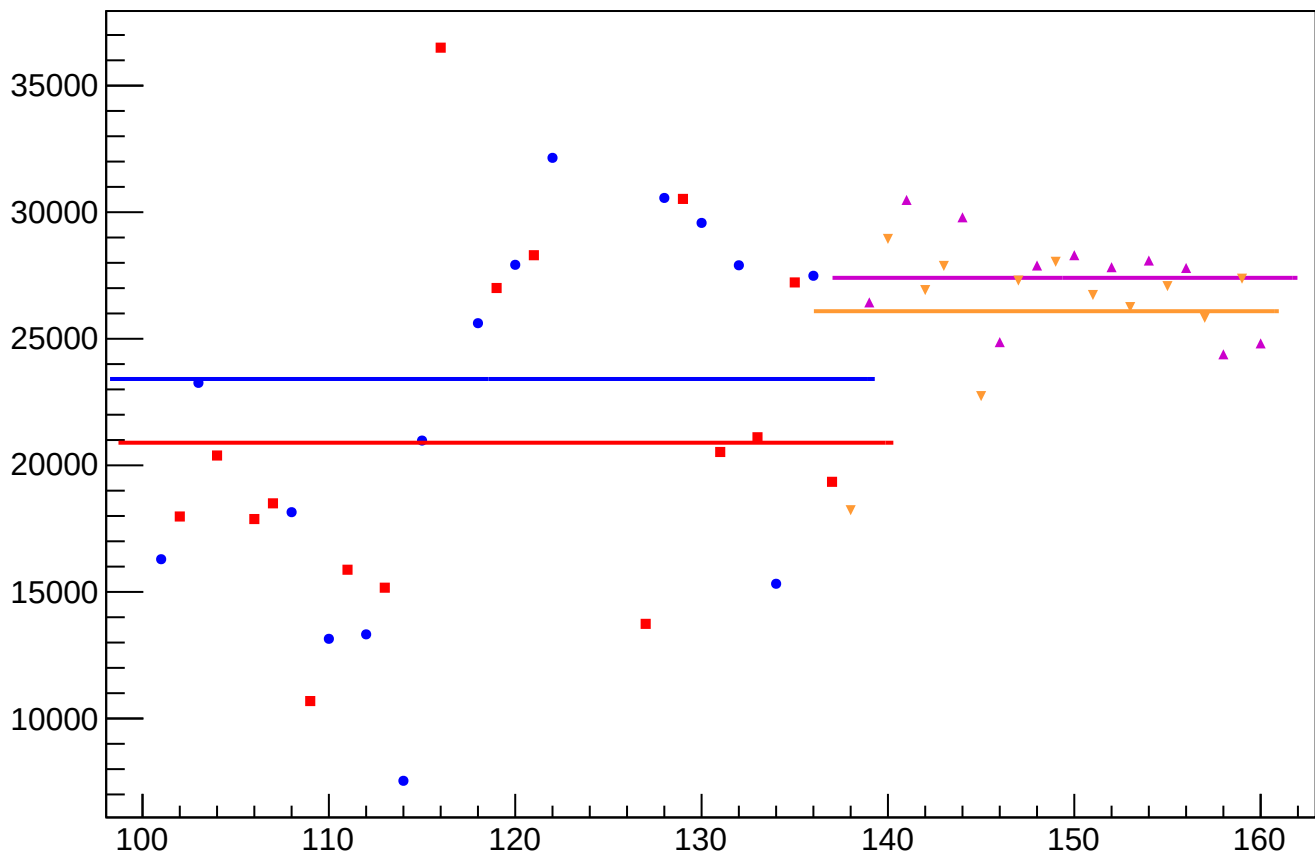
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

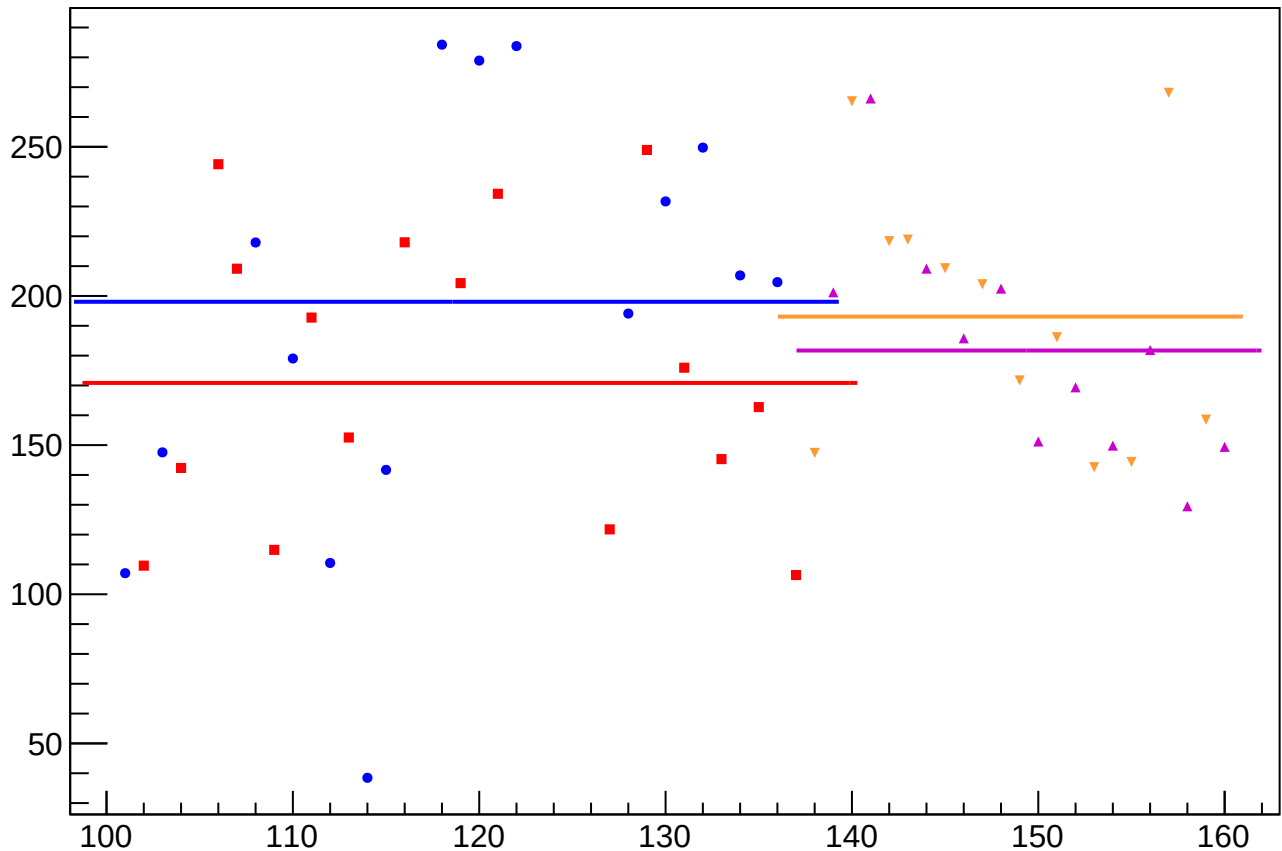
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26089.435+/-0.000	χ^2/NDF : 7297474697325231234633060364075485102080.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

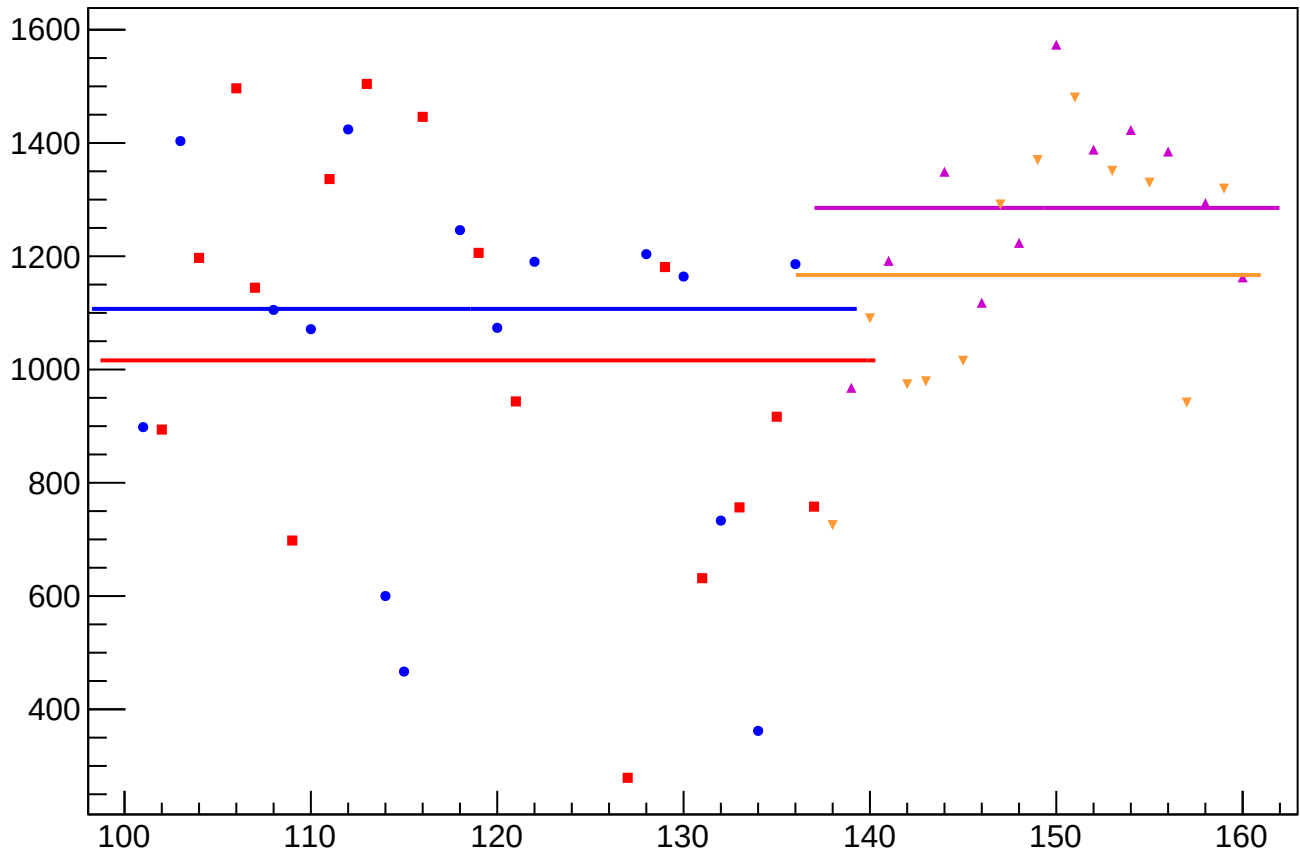
+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



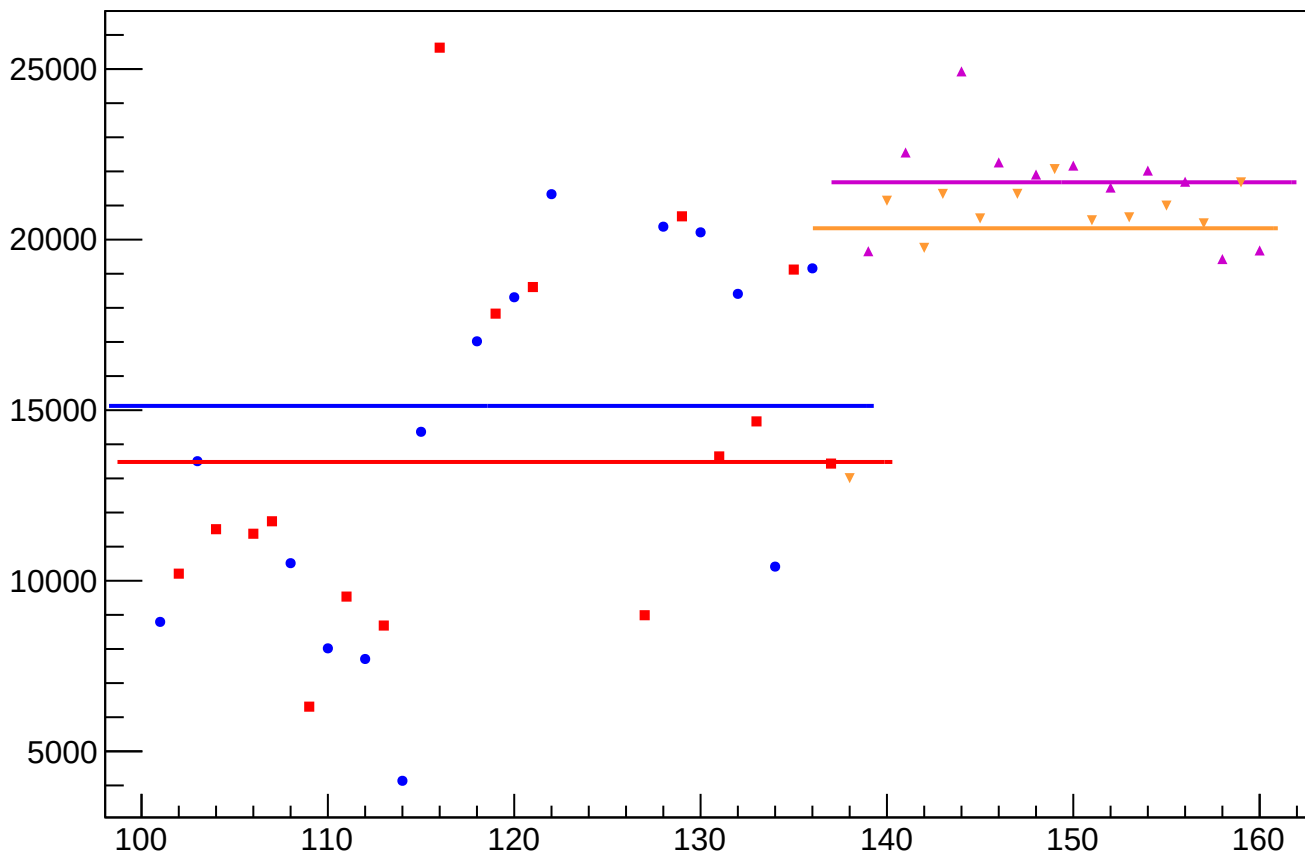
Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 193.084+/-0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11
 Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 181.711+/-0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

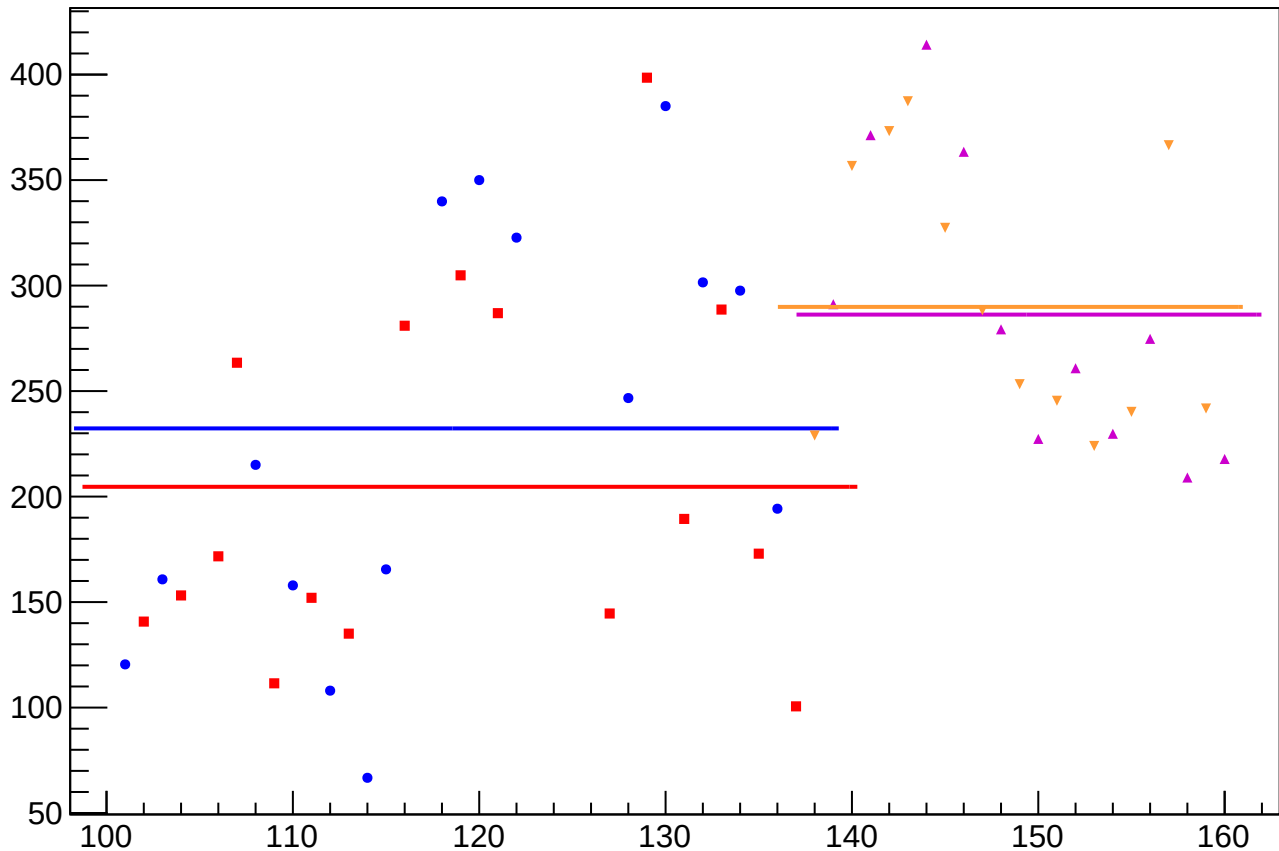
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

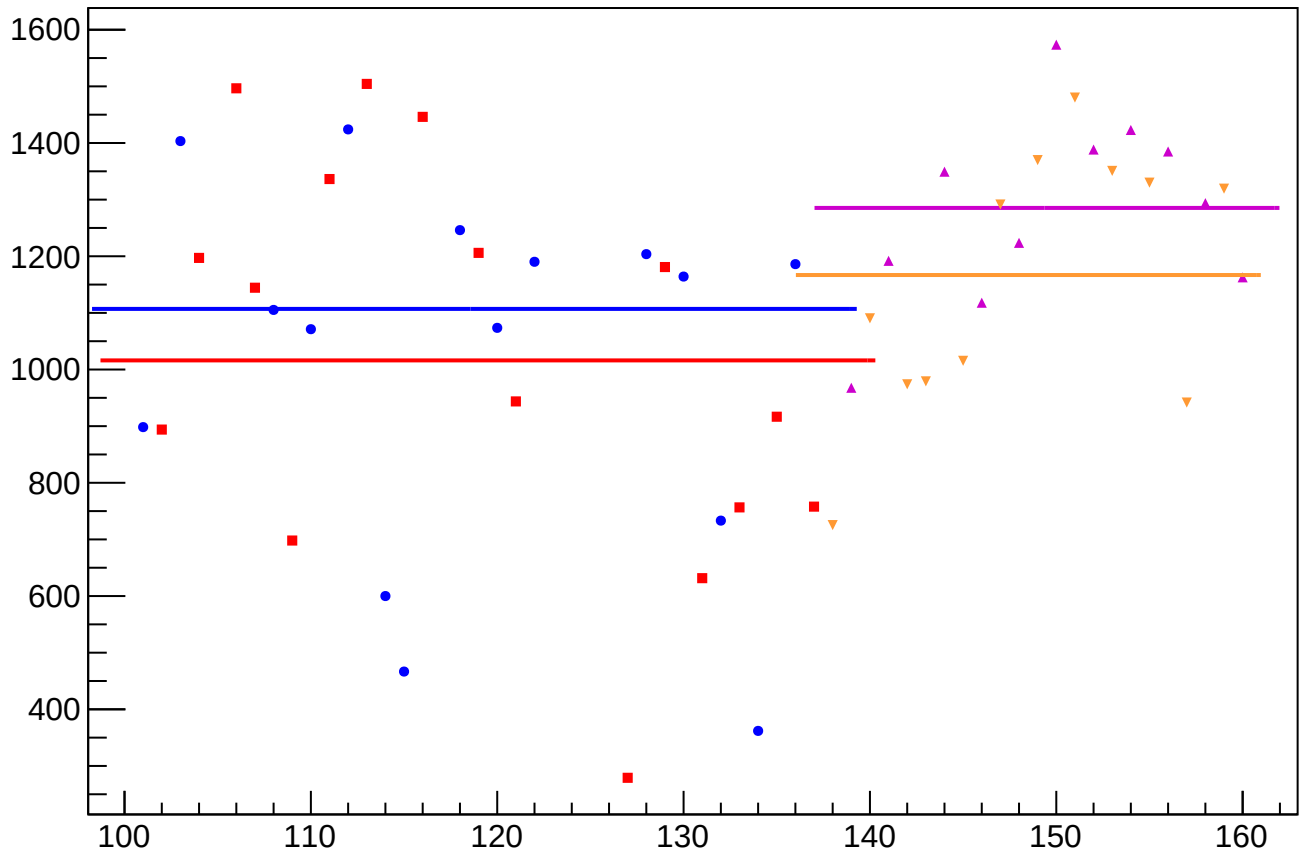
dit_sam6_coil4_err_mean vs Slug



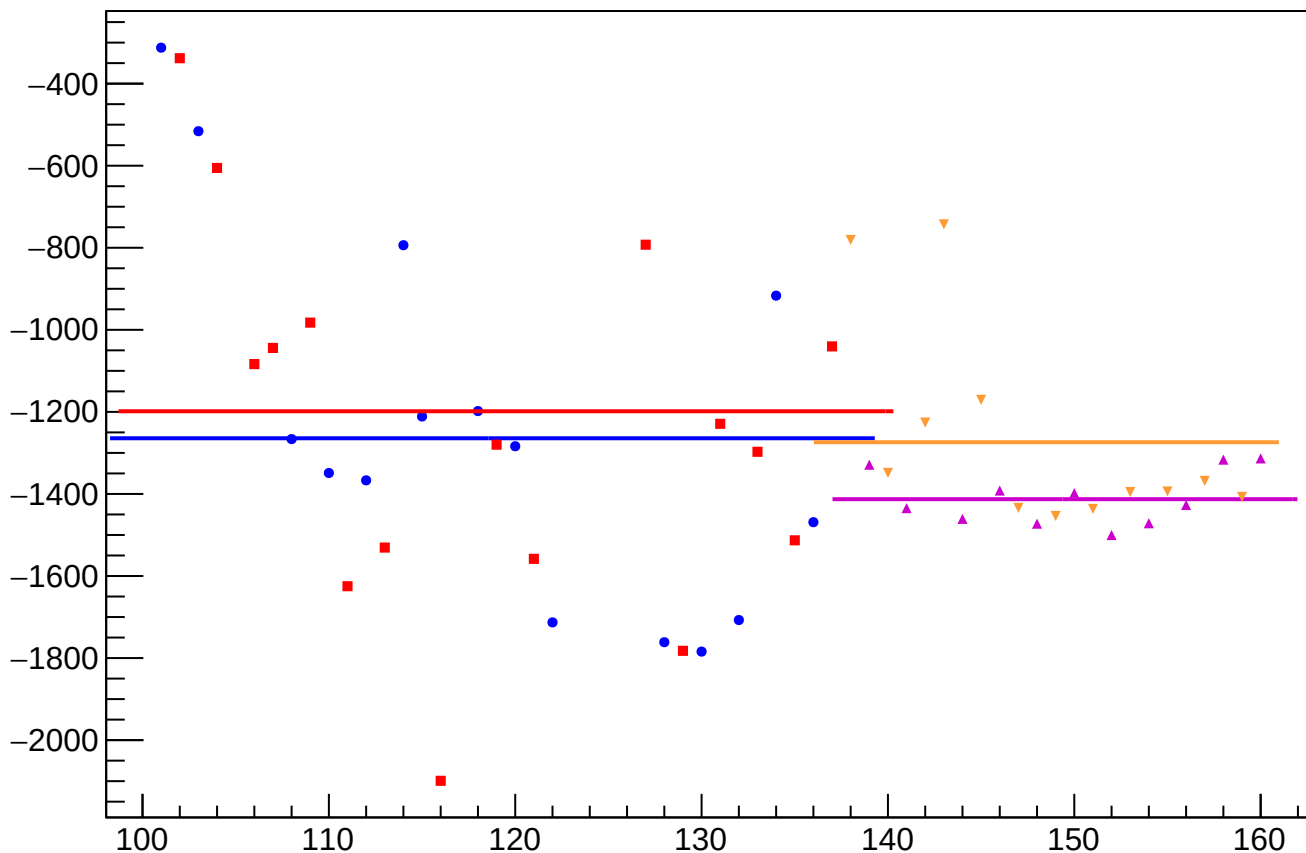
Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893
 All: 258.948+/-0.000 χ^2/NDF : 212946744199
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug

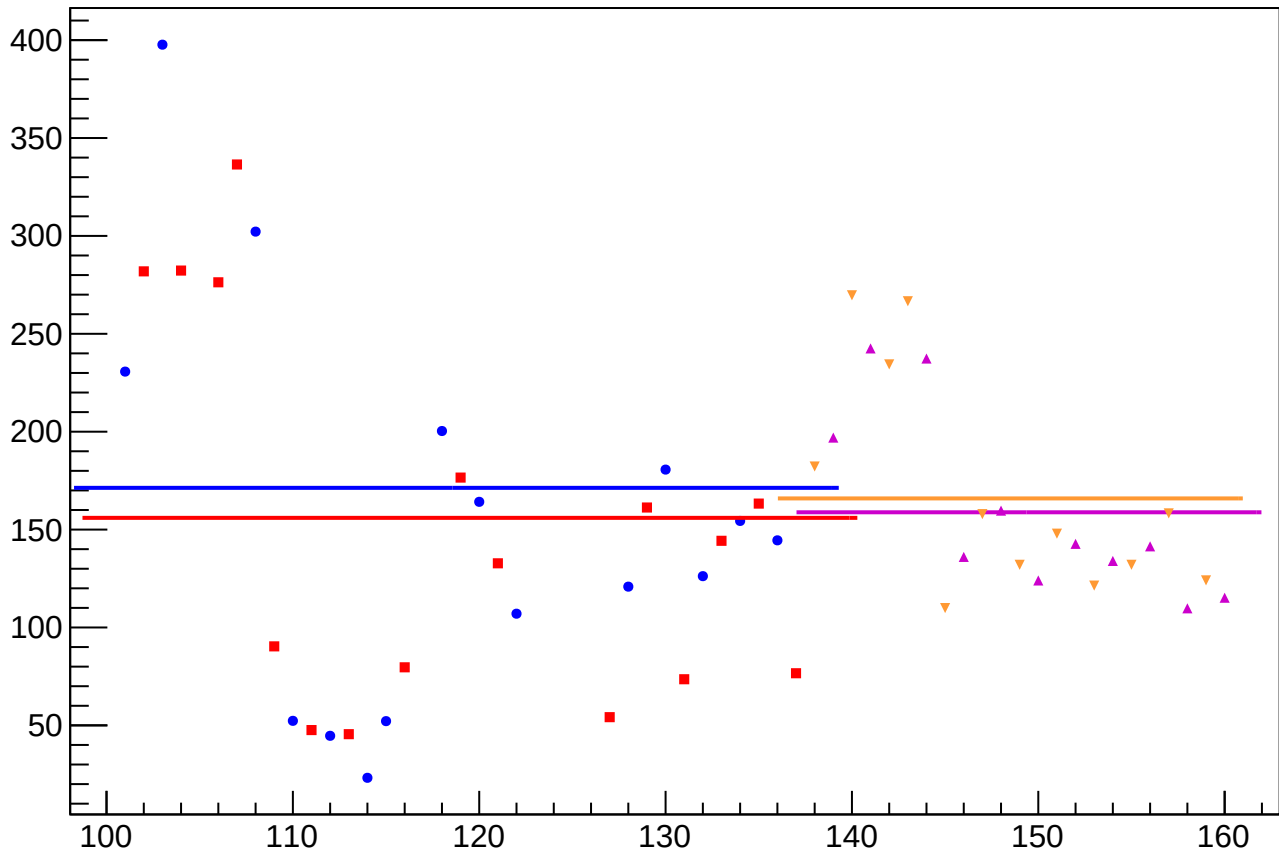


dit_sam7_coil4_mean vs Slug



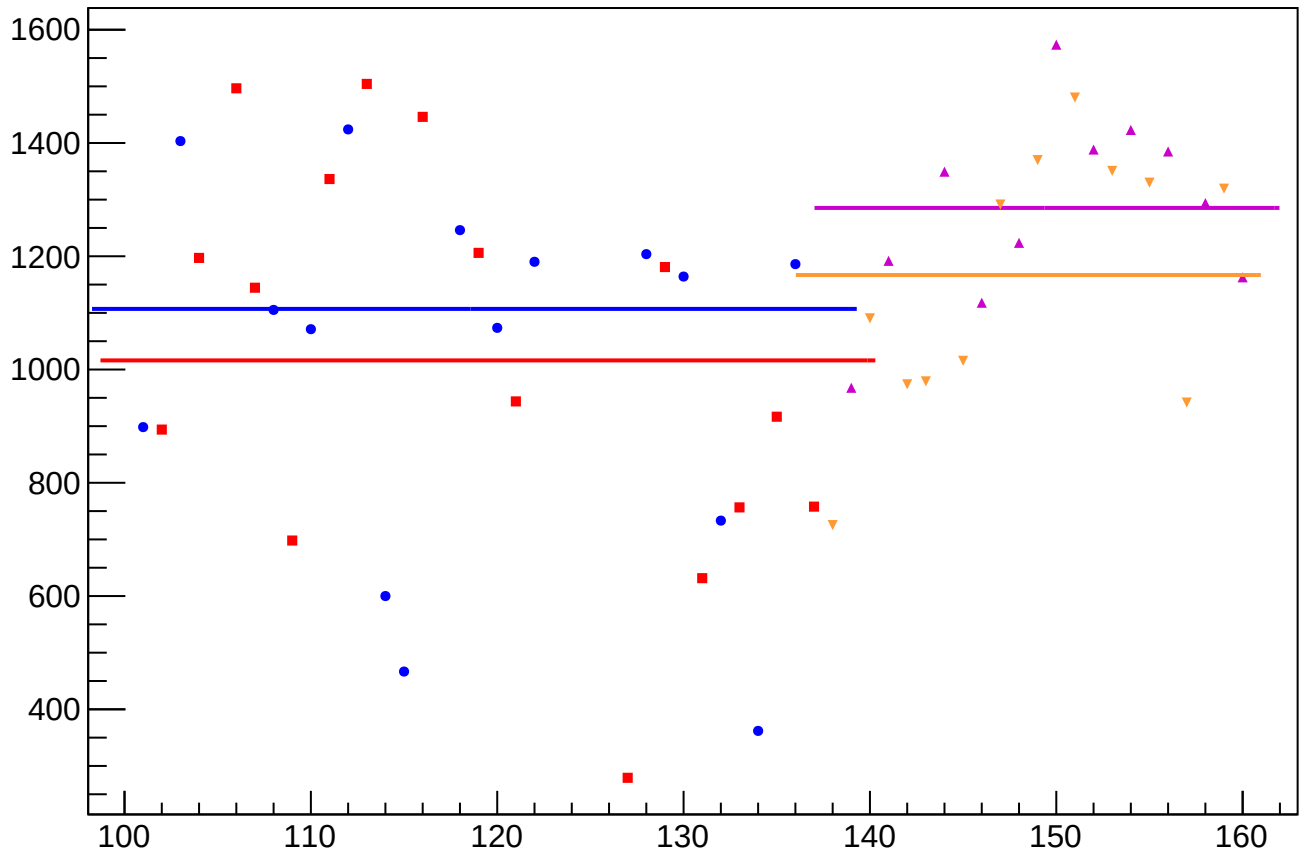
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug



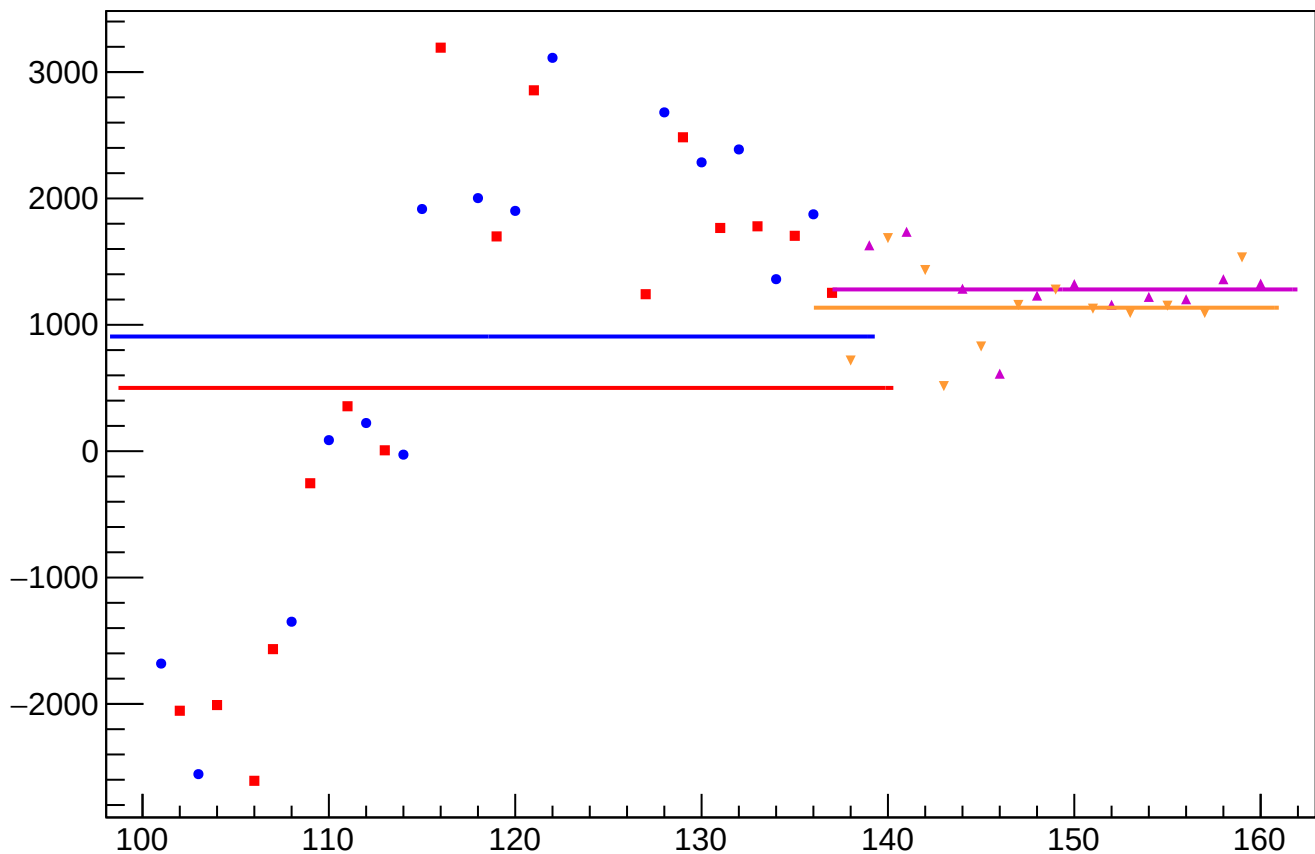
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam8_coil4_mean vs Slug



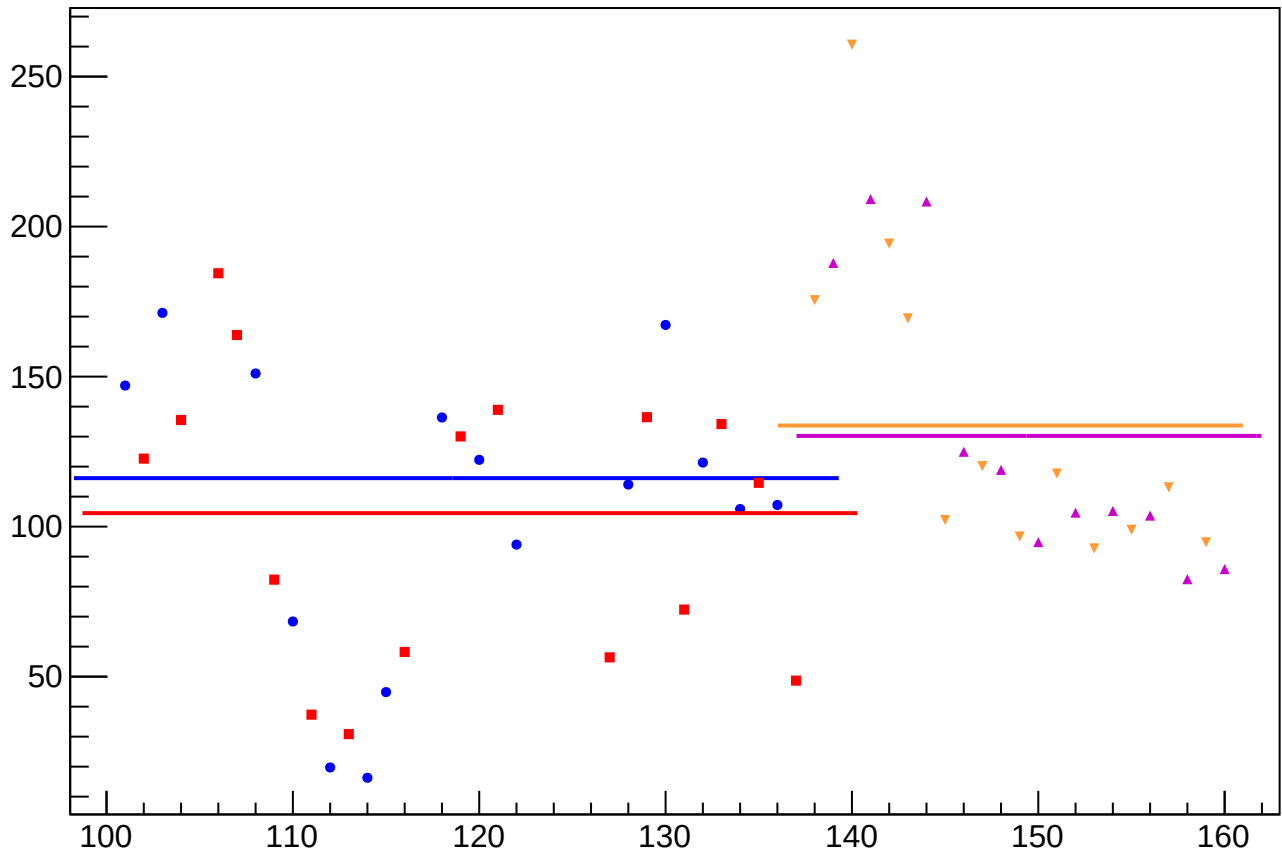
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

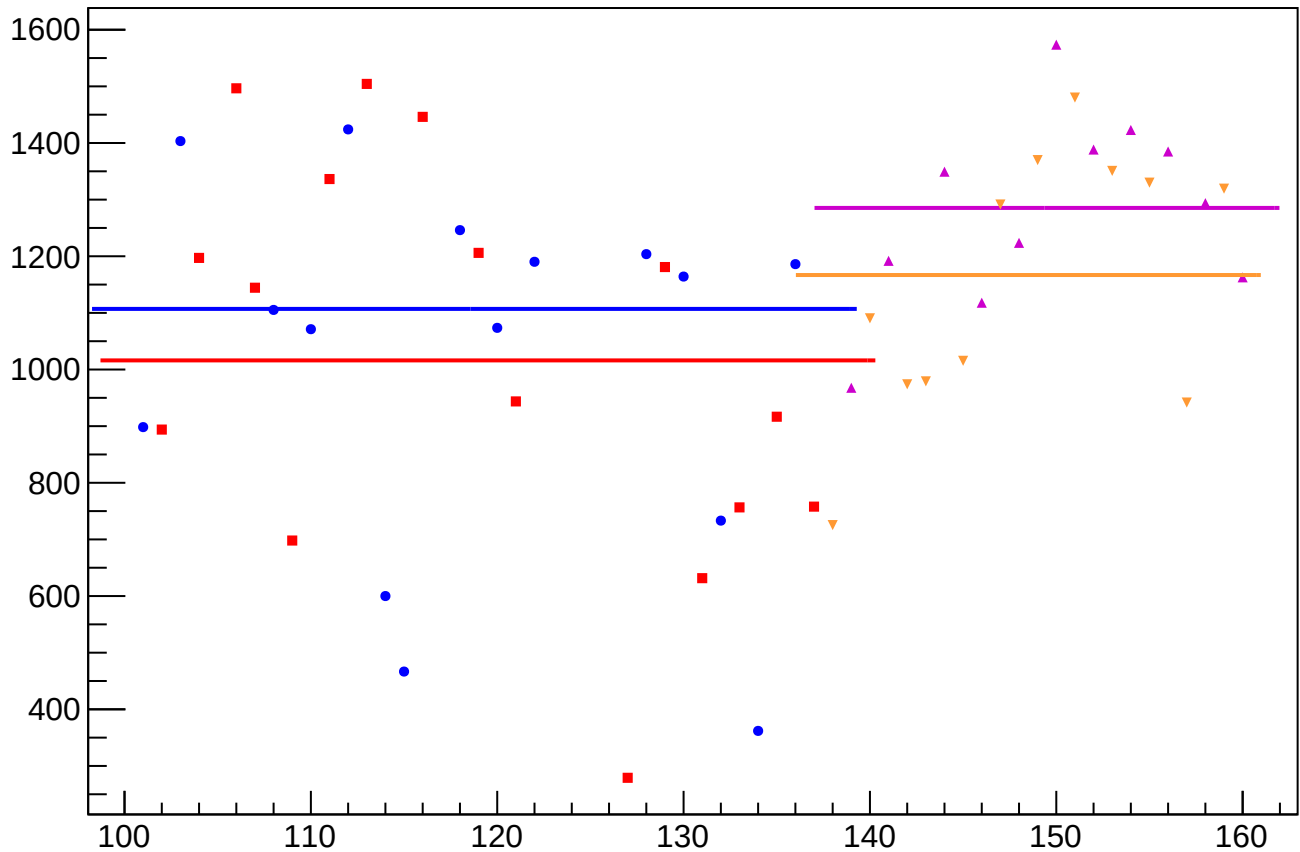
- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

dit_sam8_coil4_err_mean vs Slug



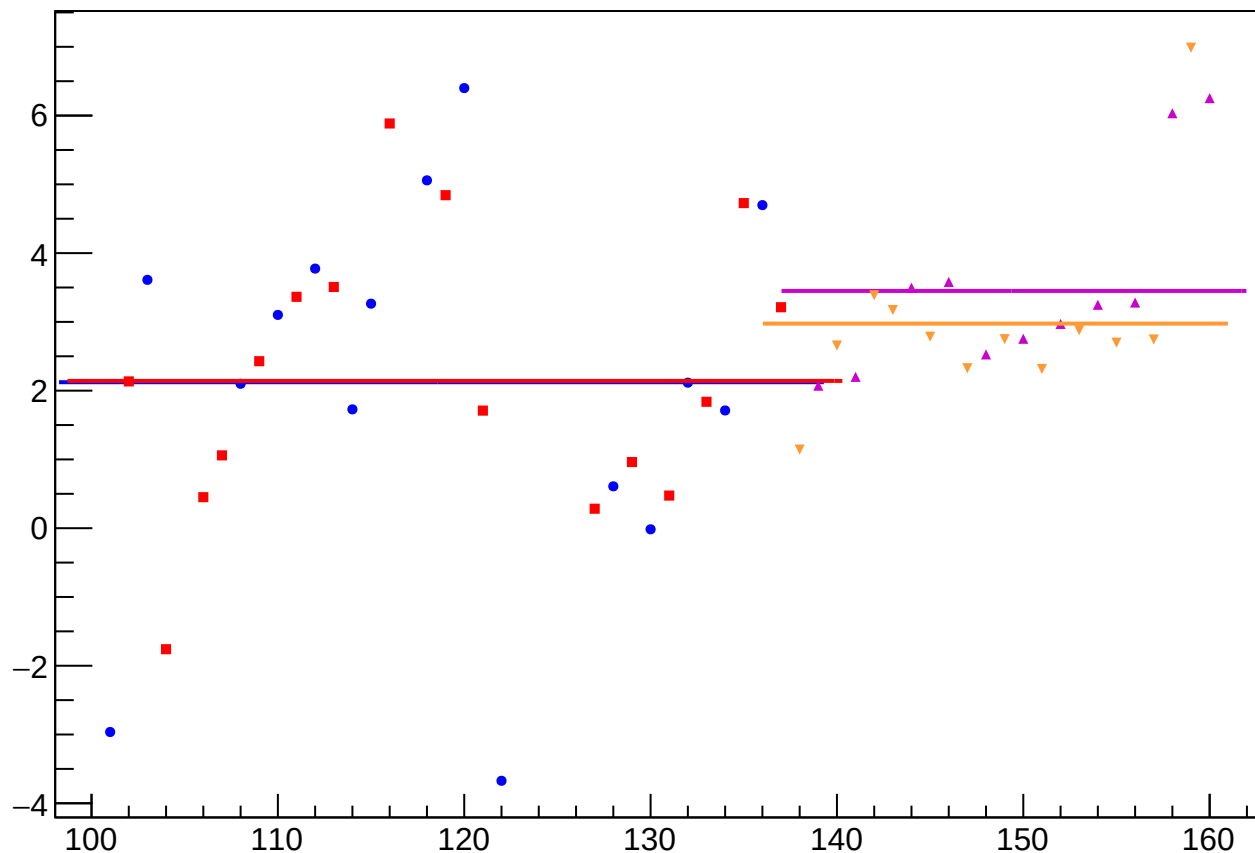
Right In: 116.159 +/- 0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 133.695 +/- 0.000 χ^2/NDF : 2332238004384262852879386446827356160.0/11
 Right Out: 104.501 +/- 0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 130.237 +/- 0.000 χ^2/NDF : 1968814259217478663576054483231178752.0/10
 All: 122.900 +/- 0.000 χ^2/NDF : 719711638238
 + sign 126.414 +/- 0.000 χ^2/NDF : 364747445092715
 - sign 119.447 +/- 0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

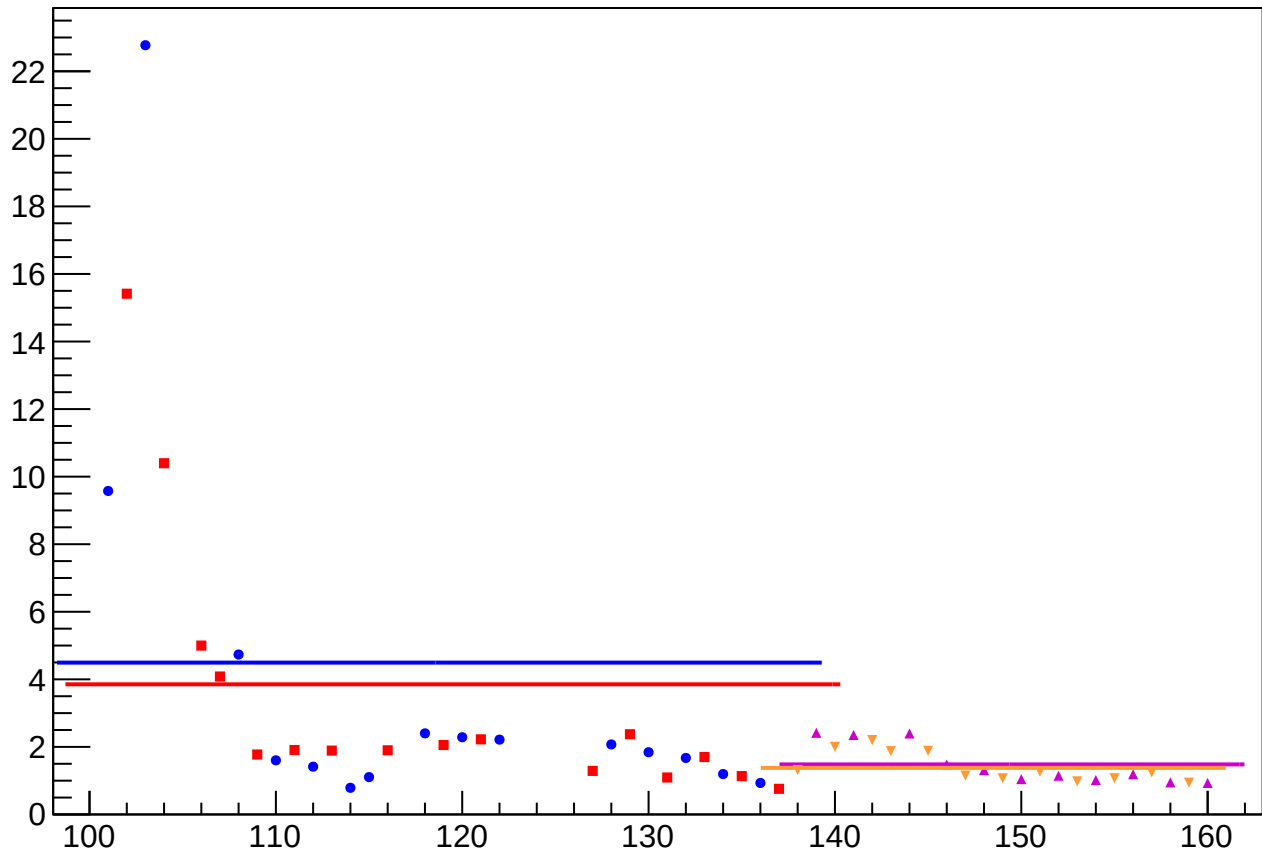
dit_4aX_coil6_mean vs Slug



Right In: 2.123 ± 0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.975 ± 0.000	χ^2/NDF : 1653073452461549310648226194391040.0/11
Right Out: 2.142 ± 0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 3.450 ± 0.000	χ^2/NDF : 1551935058842125730993767819771904.0/10

$+ \text{sign } 2.621 \pm 0.000 \quad \chi^2/\text{NDF}: 71926109698373780$
 $\text{All: } 2.763 \pm 0.000 \quad \chi^2/\text{NDF}: 11942737584809$
 $- \text{sign } 2.902 \pm 0.000 \quad \chi^2/\text{NDF}: 46881653143346508$

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 ± 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.379 ± 0.000 χ^2/NDF : 150384329501224226849656085151744.0/11

Right Out: 3.852 ± 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

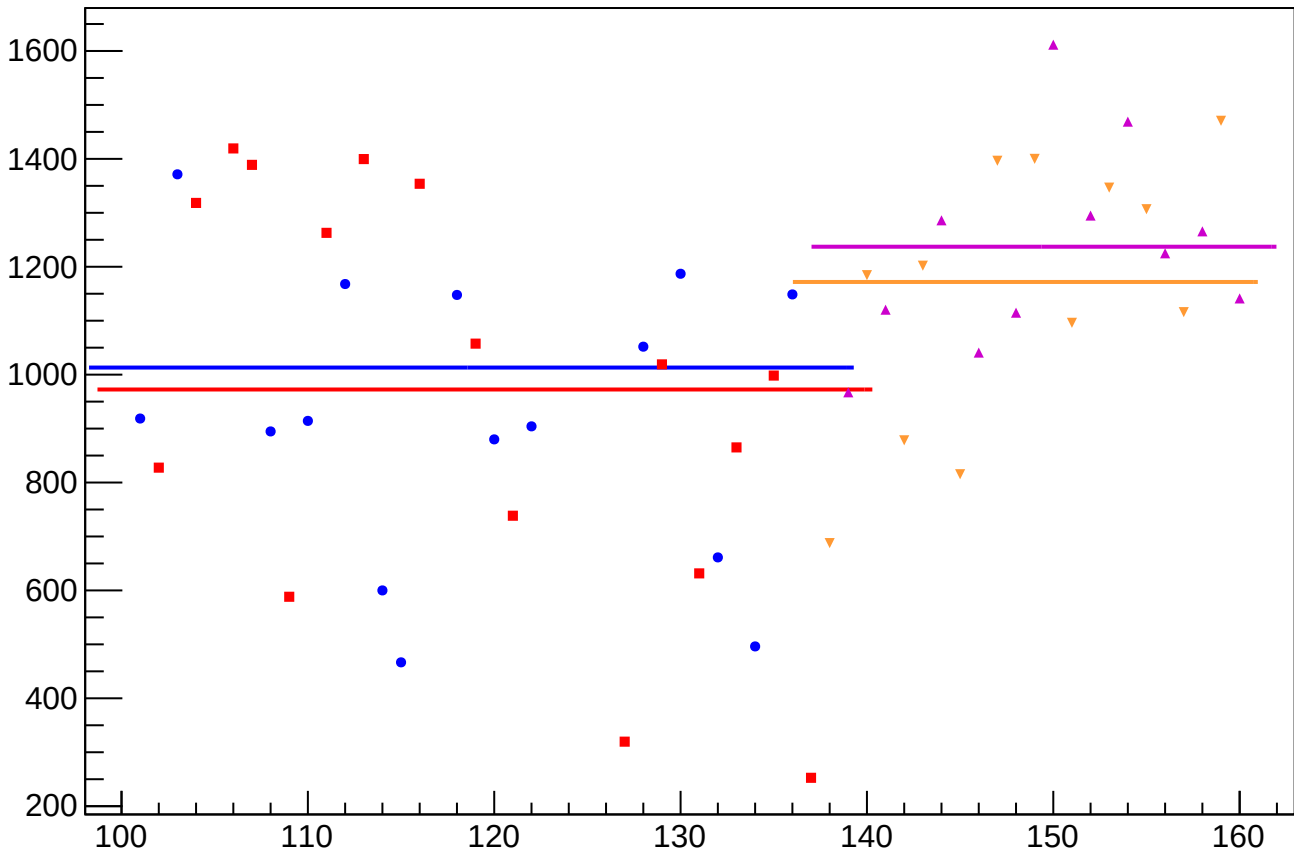
Left In: 1.482 ± 0.000 χ^2/NDF : 310337710475779495774509405831168.0/10

All: 2.573 ± 0.000 χ^2/NDF : 43938576112447.0/11

+ sign 2.673 ± 0.000 χ^2/NDF : 29105436808146683.0/11

- sign 2.476 ± 0.000 χ^2/NDF : 14802405912641910.0/11

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

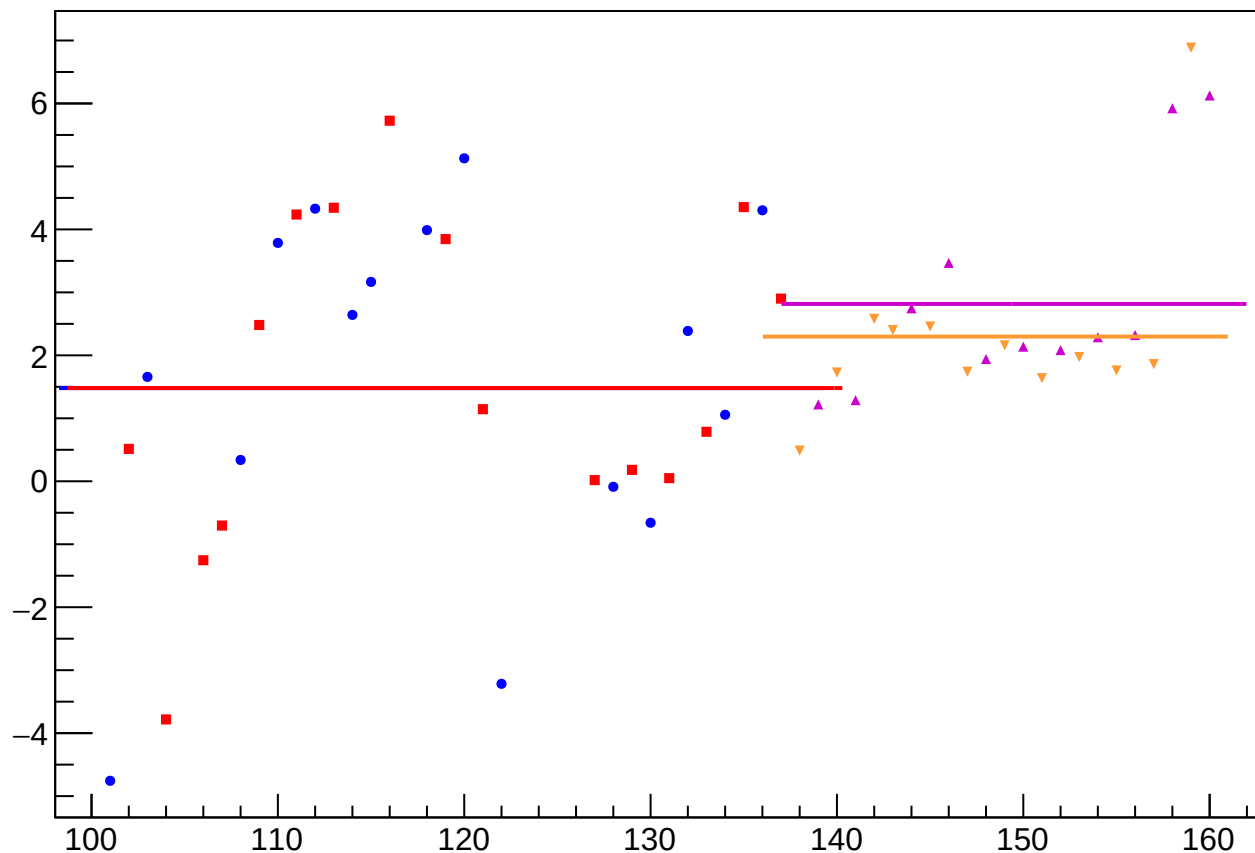
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000

χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 2.298+/-0.000

χ^2/NDF : 2079870991739780462593334803693568.0/11

Right Out: 1.480+/-0.000

χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 2.816+/-0.000

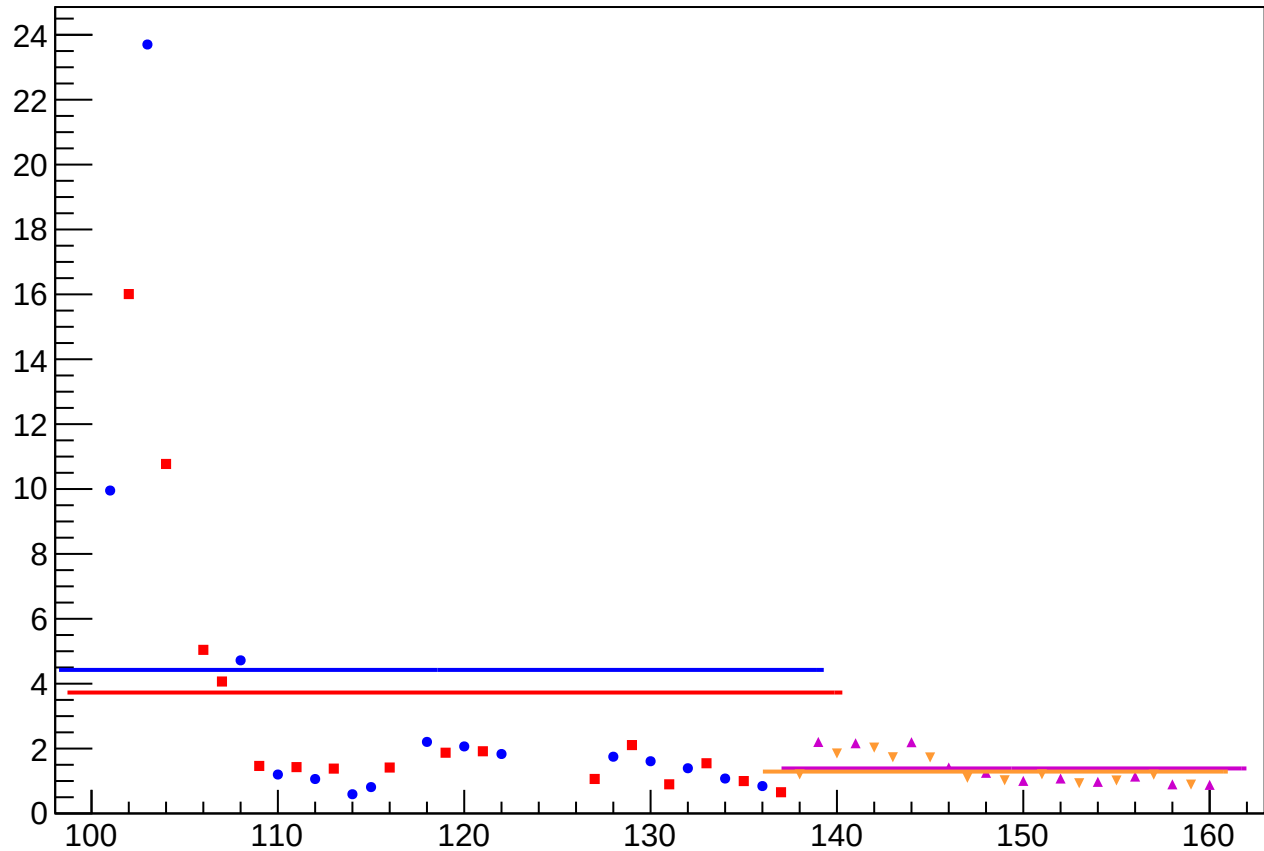
χ^2/NDF : 2230790234579581781884760219451392.0/10

+ sign 1.958+/-0.000 χ^2/NDF : 81334773001182979

All: 2.109+/-0.000 χ^2/NDF : 15218379370263

- sign 2.256+/-0.000 χ^2/NDF : 70149440633078184

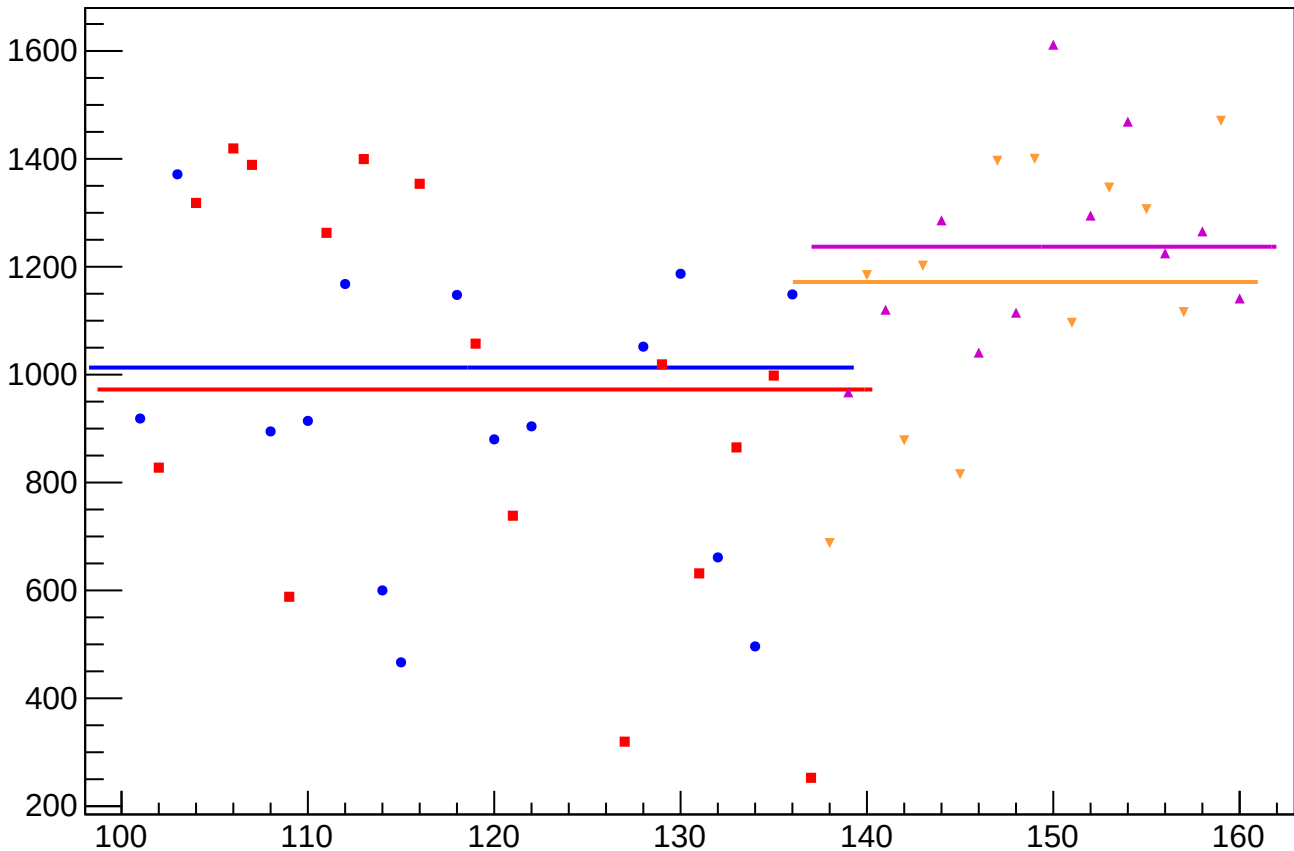
dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000	χ^2/NDF : 28257459272876210608839830473277440.0/14
Left Out: 1.291+/-0.000	χ^2/NDF : 119201725618452190917490324275200.0/11
Right Out: 3.727+/-0.000	χ^2/NDF : 13991816814749842519794284853460992.0/15
Left In: 1.387+/-0.000	χ^2/NDF : 245381205913734368947829561360384.0/10

+ sign 2.592+/-0.000 χ^2/NDF : 32103516119977359
 All: 2.479+/-0.000 χ^2/NDF : 48501017381547
 - sign 2.368+/-0.000 χ^2/NDF : 16358007863357496

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

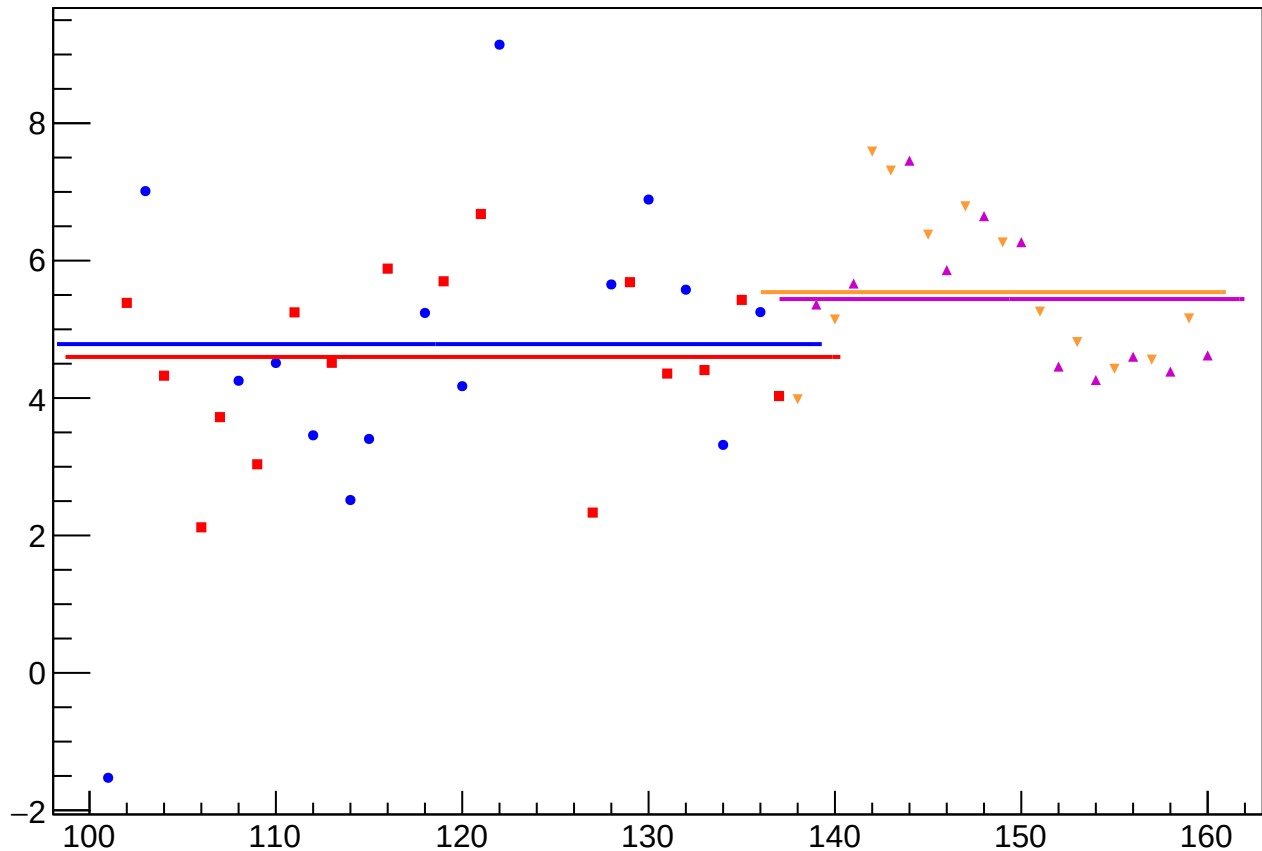
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_11X12X_coil6_mean vs Slug



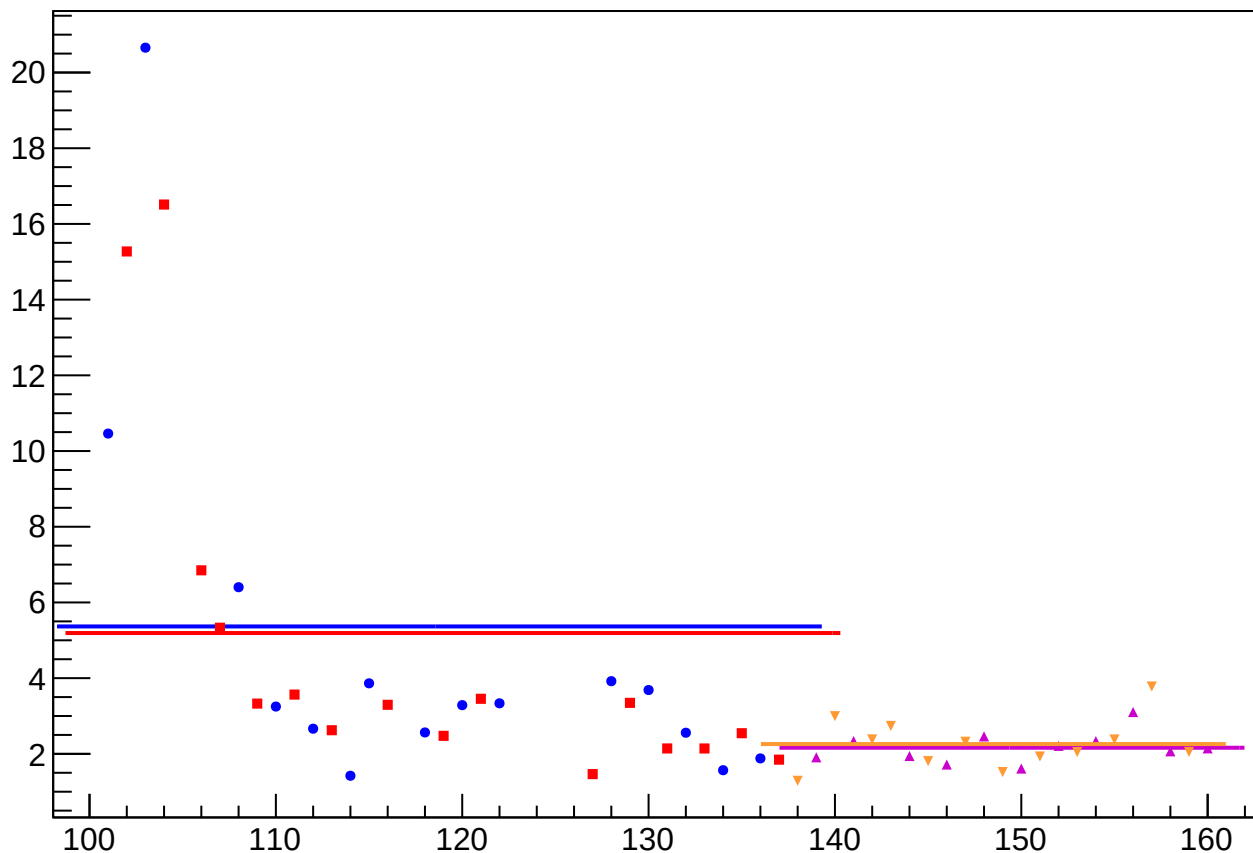
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14

Left Out: 2.259 $\pm$ 0.000 χ^2 /NDF: 395399614951959116127821516242944.0/11

Right Out: 5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15

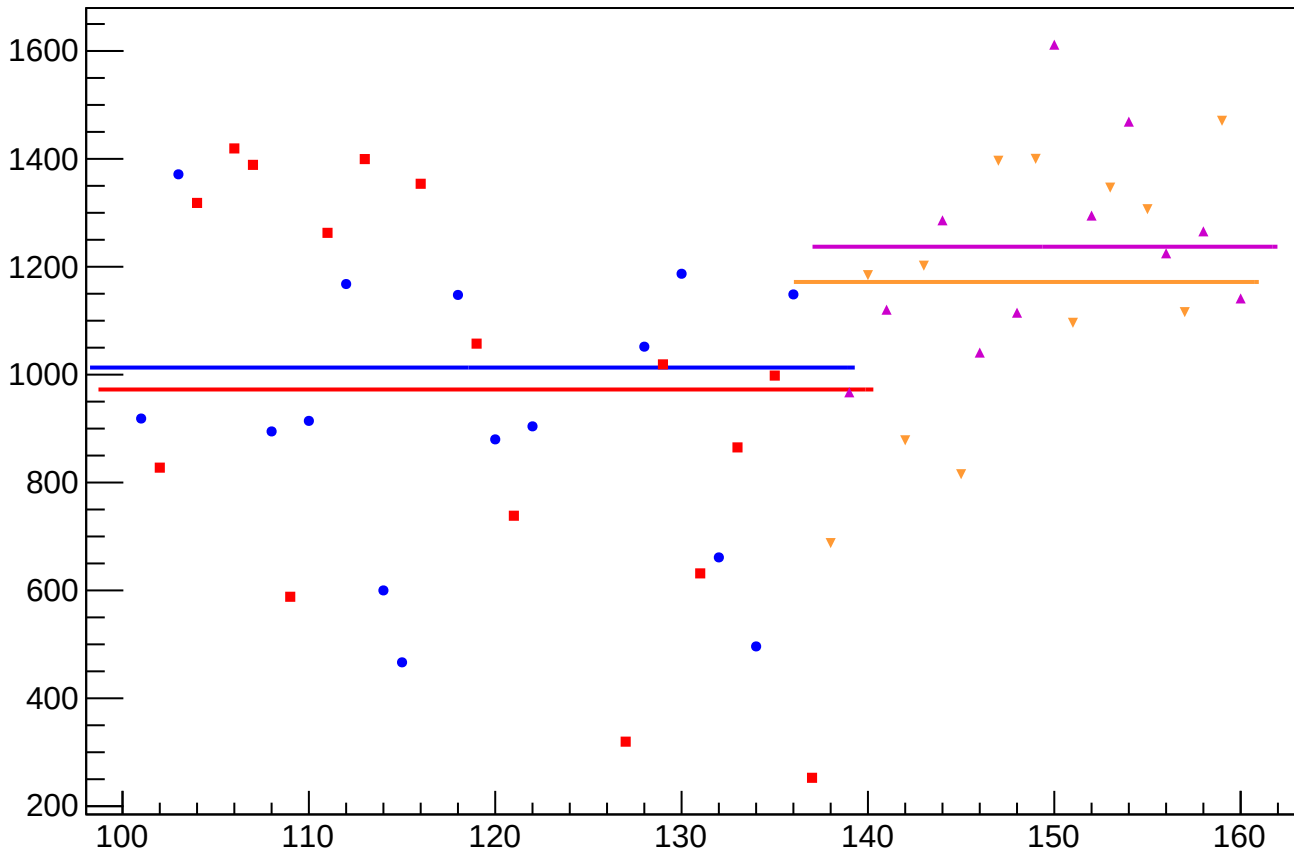
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ sign 3.549 $\pm$ 0.000 χ^2 /NDF: 22840324830189286

All: 3.490 $\pm$ 0.000 χ^2 /NDF: 42296939077680

- sign 3.432 $\pm$ 0.000 χ^2 /NDF: 19445829920618957

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

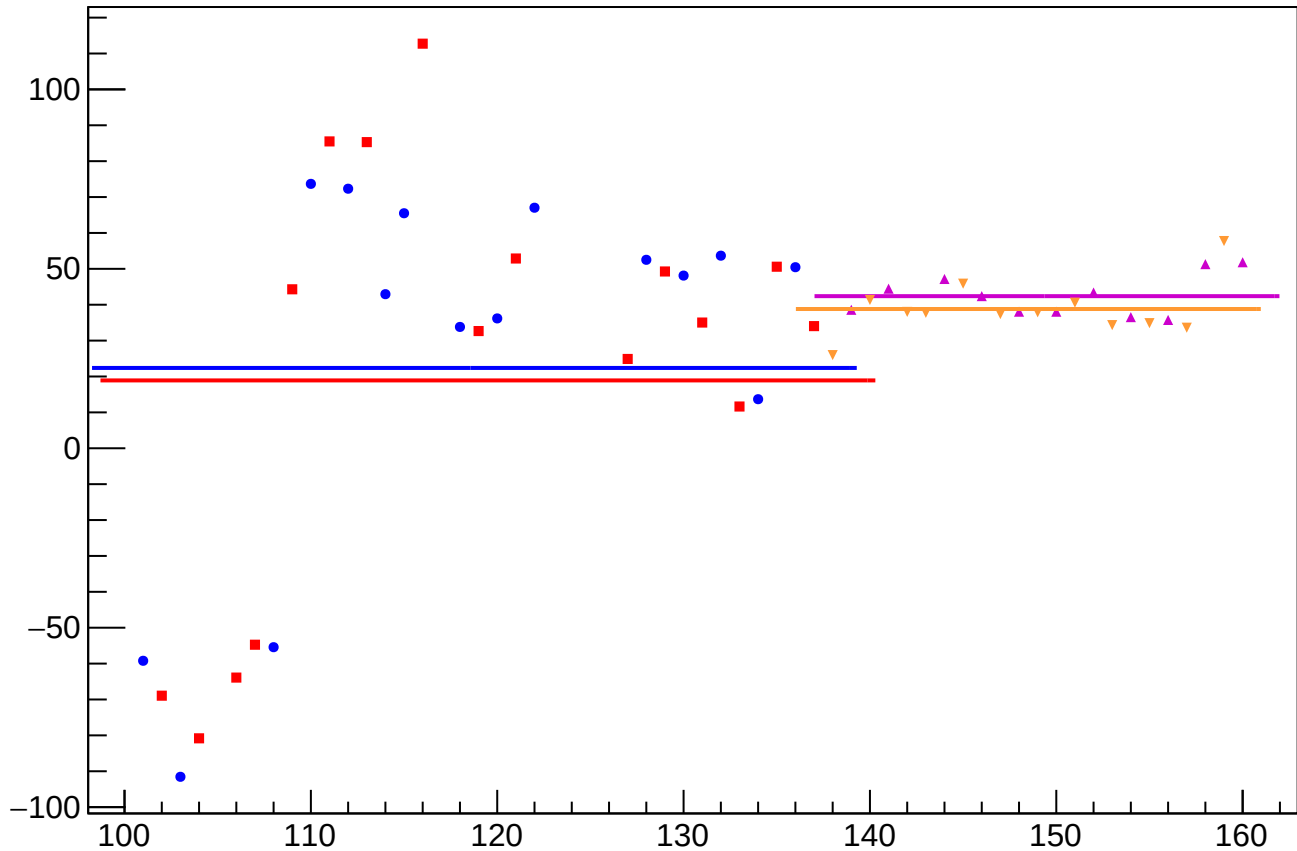
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



Right In: 22.385 $\pm$ 0.000 χ^2 /NDF: 1922260860023592637794094183323009024.0/14

Left Out: 38.806 $\pm$ 0.000 χ^2 /NDF: 51649905292188588204172531766132736.0/11

Right Out: 18.907 $\pm$ 0.000 χ^2 /NDF: 2182221808408156293593993992757837824.0/15

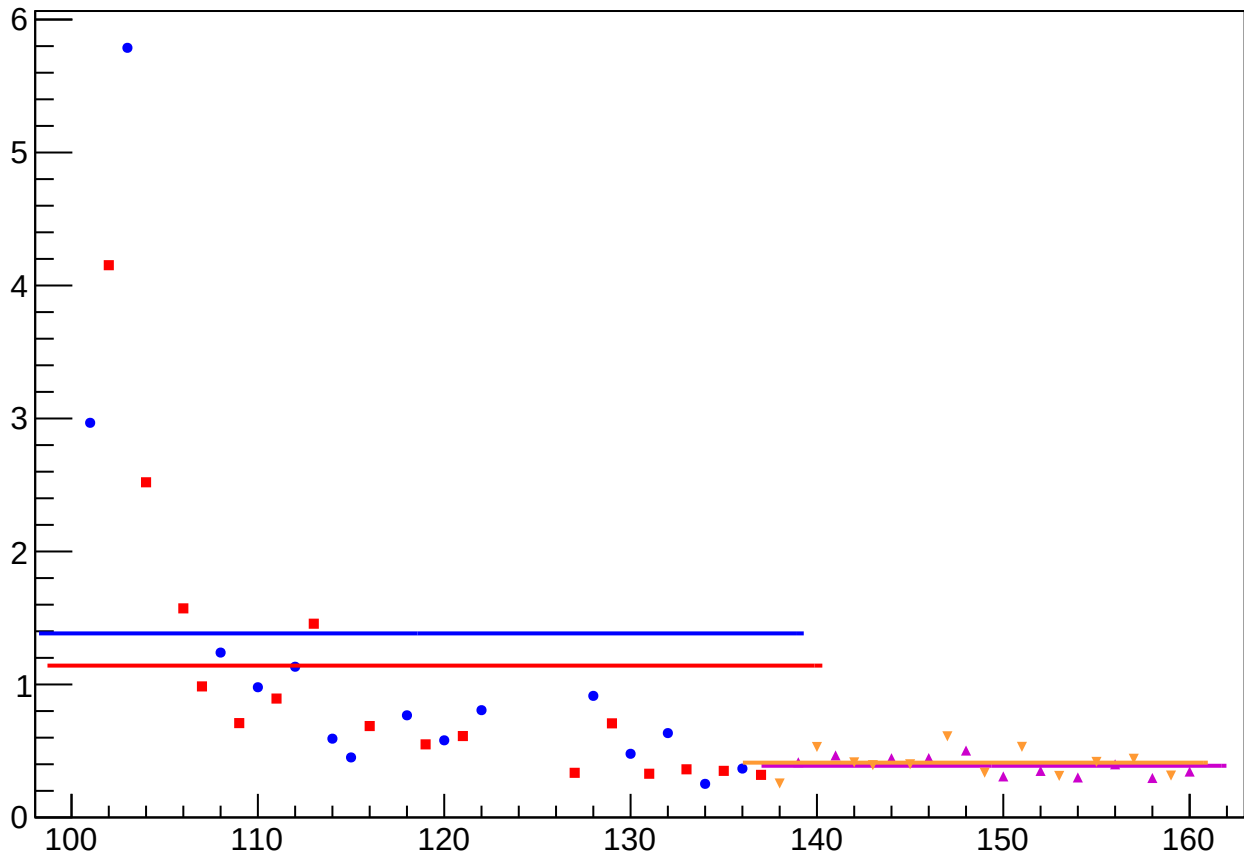
Left In: 42.386 $\pm$ 0.000 χ^2 /NDF: 26555660128562986553016927486214144.0/10

+ sign 31.987 $\pm$ 0.000 χ^2 /NDF: 2076251683338392

All: 32.268 $\pm$ 0.000 χ^2 /NDF: 4498818256205

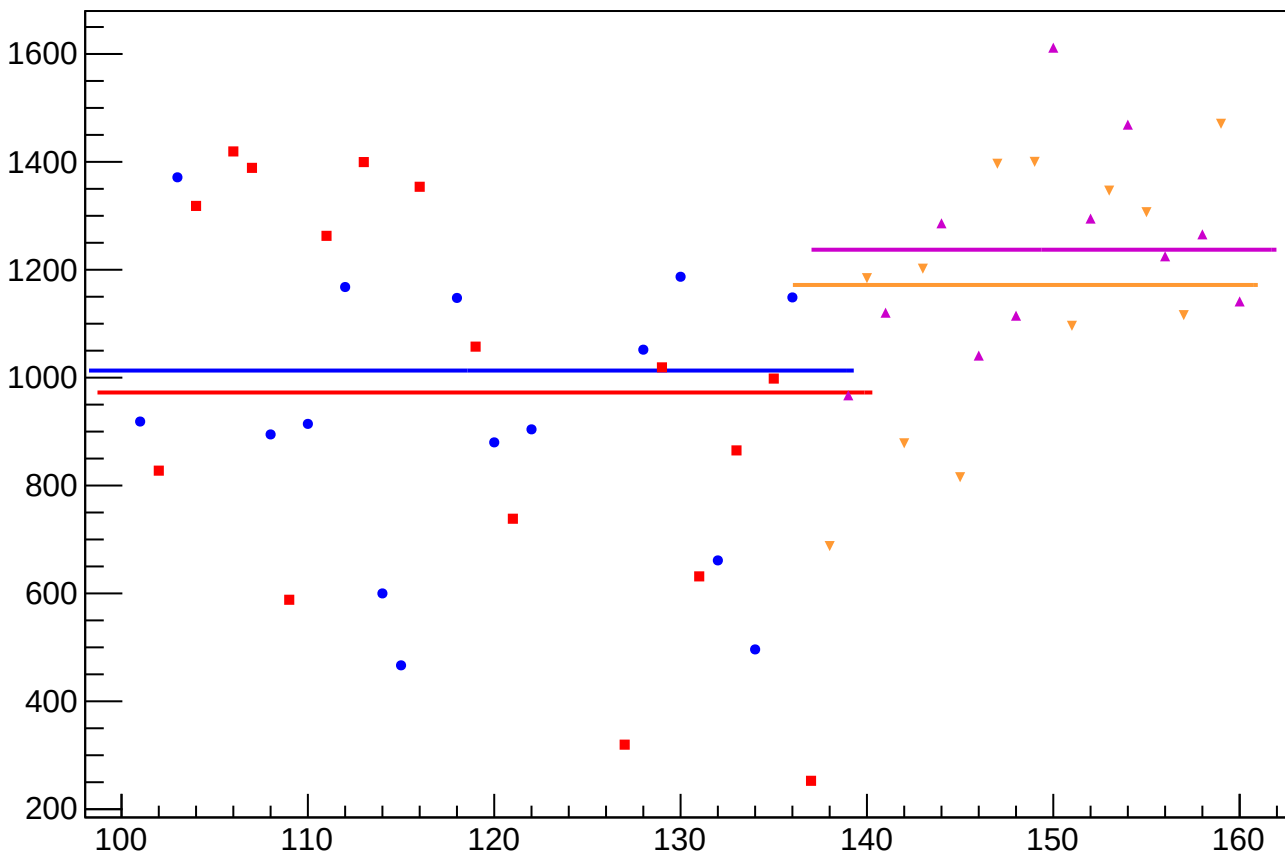
- sign 32.543 $\pm$ 0.000 χ^2 /NDF: 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000	χ^2/NDF : 1571159324102064120487940936695808.0/14	+ sign 0.816+/-0.000	χ^2/NDF : 19389895341035378
Left Out: 0.412+/-0.000	χ^2/NDF : 9382414275472018674983467220992.0/11	All: 0.760+/-0.000	χ^2/NDF : 2983619505756
Right Out: 1.142+/-0.000	χ^2/NDF : 810680738285448955223066212827136.0/15	- sign 0.704+/-0.000	χ^2/NDF : 10348725978885865
Left In: 0.389+/-0.000	χ^2/NDF : 4468112130112640641394154668032.0/10		

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

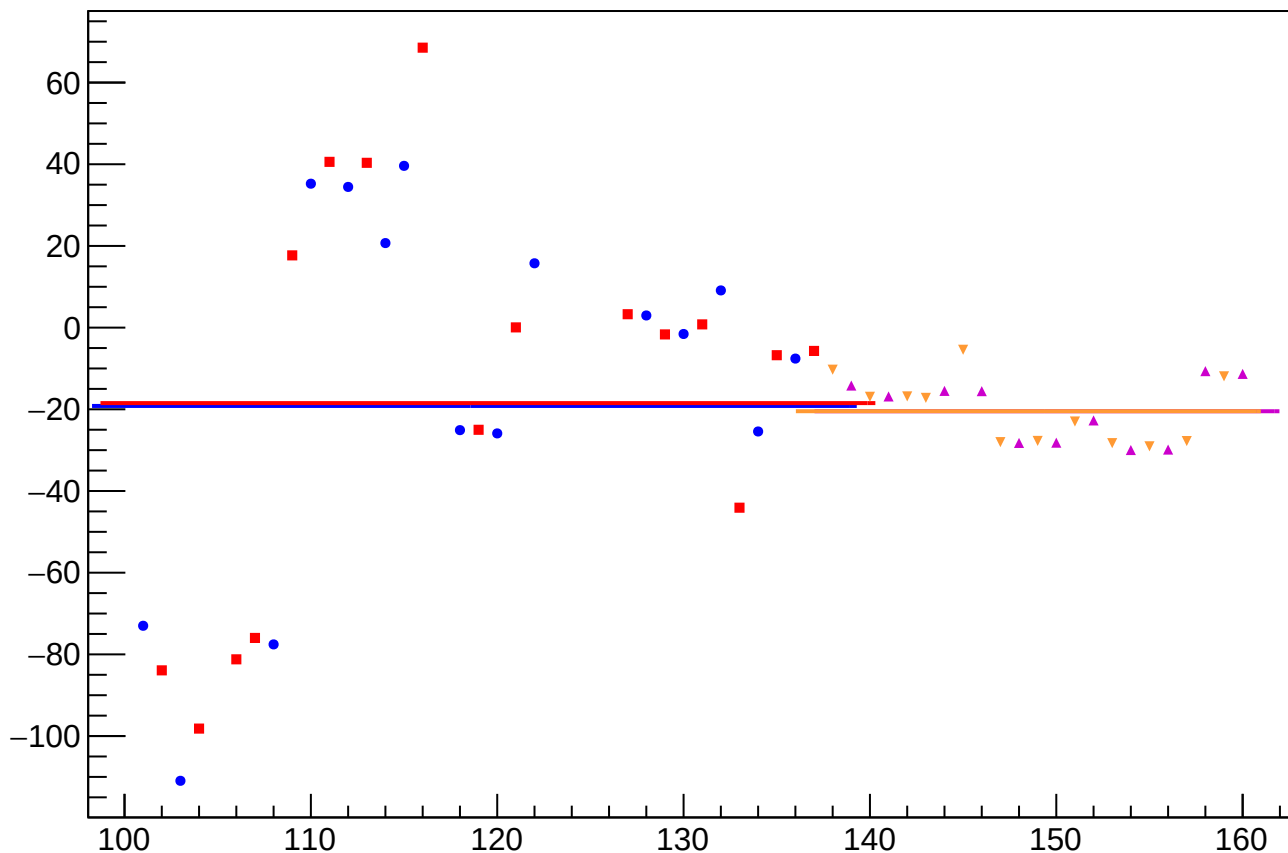
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 $\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$

Left Out: -20.466 ± 0.000 $\chi^2/\text{NDF}: 58628381923673457294433589512896512.0/11$

Right Out: -18.479 ± 0.000 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

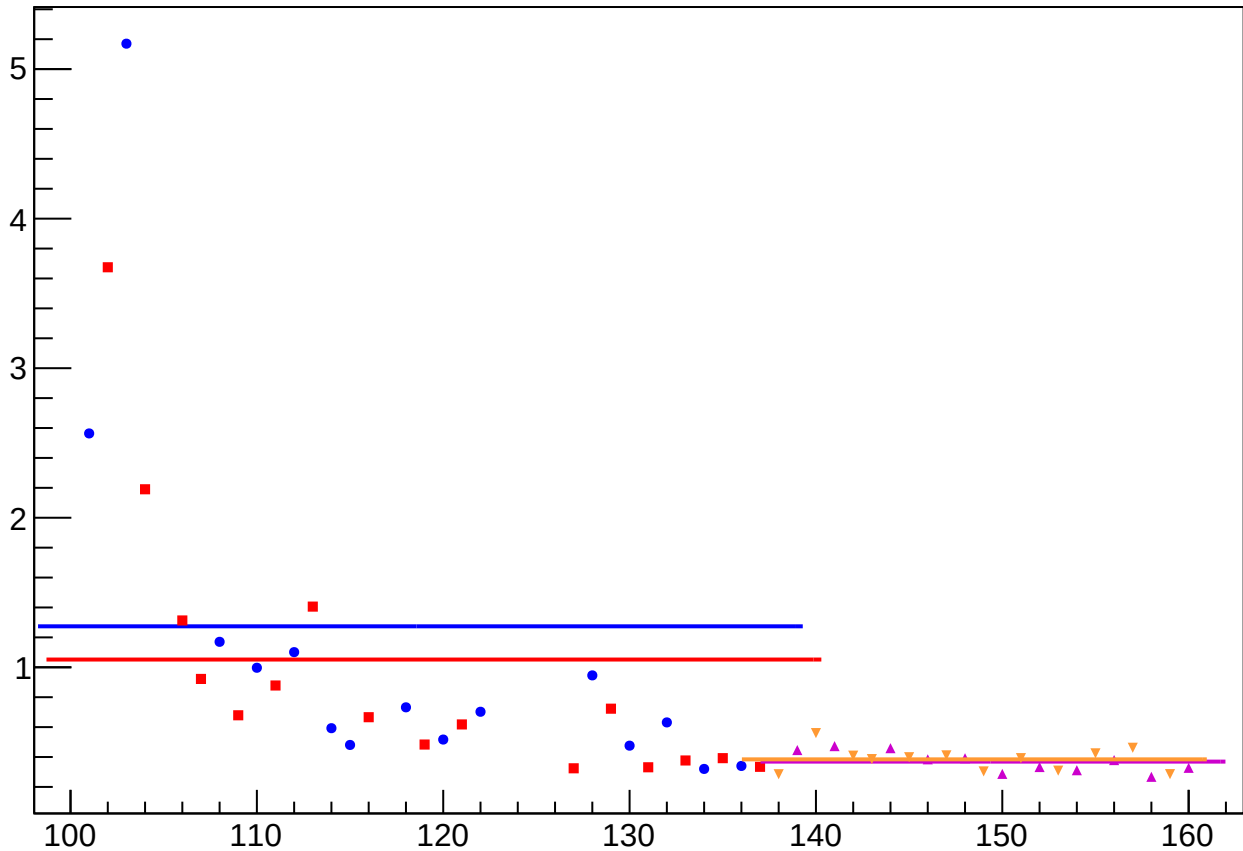
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

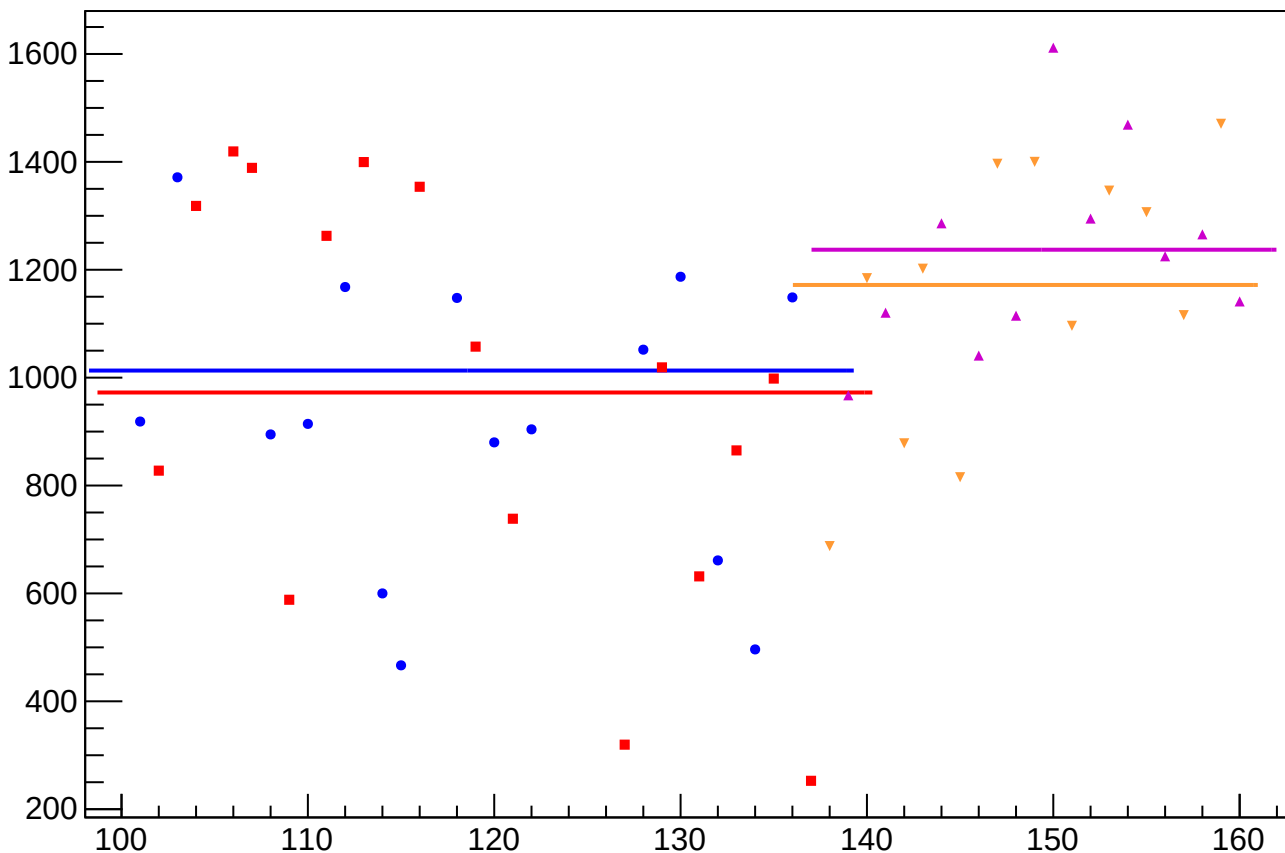
+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000	χ^2/NDF : 1212041476631073599154045304438784.0/14	+ sign 0.754+/-0.000	χ^2/NDF : 15182280868824468
Left Out: 0.384+/-0.000	χ^2/NDF : 5822322029078598268260129439744.0/11	All: 0.704+/-0.000	χ^2/NDF : 23177863612263
Right Out: 1.052+/-0.000	χ^2/NDF : 607316121057753919194559126962176.0/15	- sign 0.655+/-0.000	χ^2/NDF : 79193916268828881
Left In: 0.369+/-0.000	χ^2/NDF : 4166350638848138676707816112128.0/10		

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

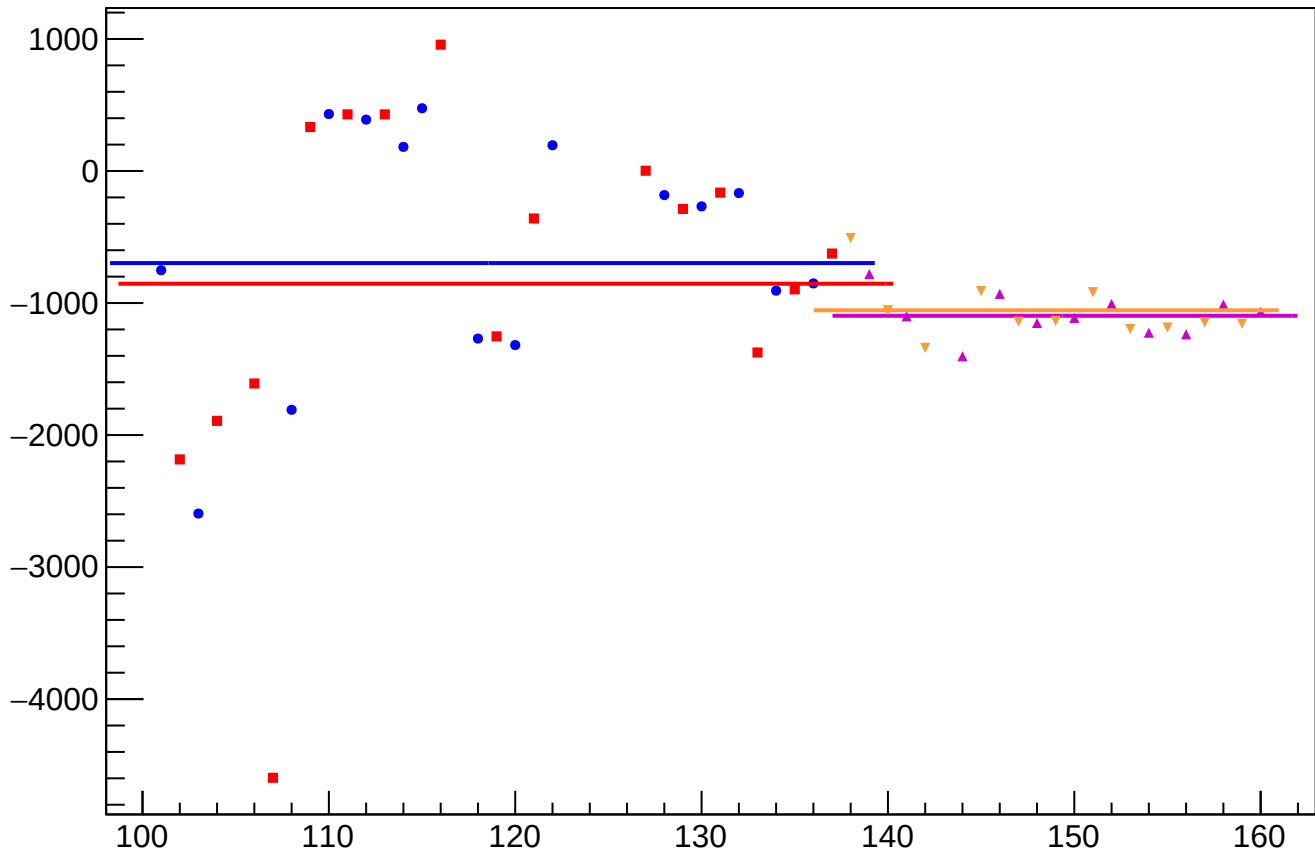
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

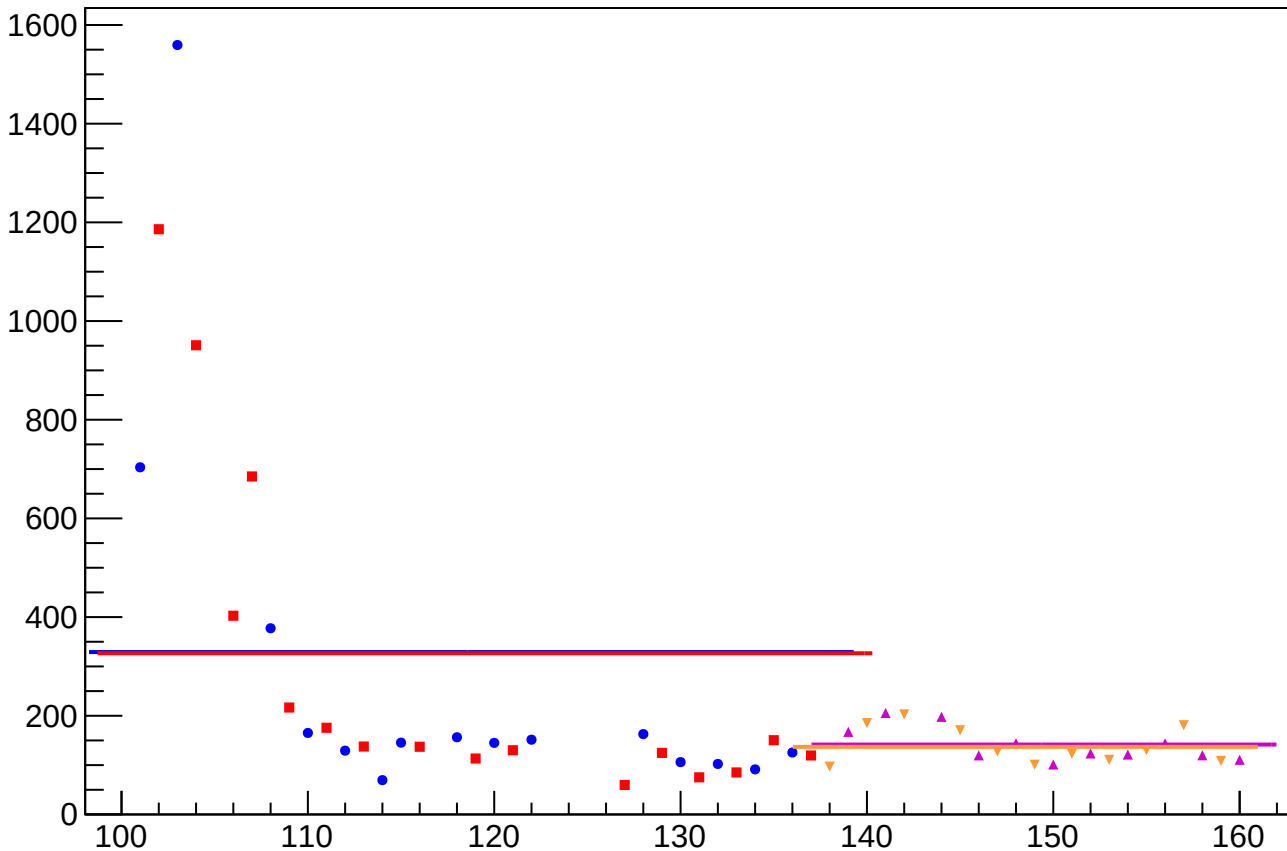
dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000	χ^2/NDF : 490435790698133828475769692944364208128.0/14
Left Out: -1054.675+/-0.000	χ^2/NDF : 35893414561751289831028004535805149184.0/10
Right Out: -853.734+/-0.000	χ^2/NDF : 1078379020126412317155932275156201766912.0/15
Left In: -1096.508+/-0.000	χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -899.630+/-0.000 χ^2/NDF : 57326318903301
 All: -948.643+/-0.000 χ^2/NDF : 17048438468
 - sign -994.729+/-0.000 χ^2/NDF : 11246076469589

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 137.013 +/- 0.000 χ^2/NDF : 101436381743810413237006551326335817360 0/10
+ sign 220.348 +/- 0.000 χ^2/NDF : 131437286987264

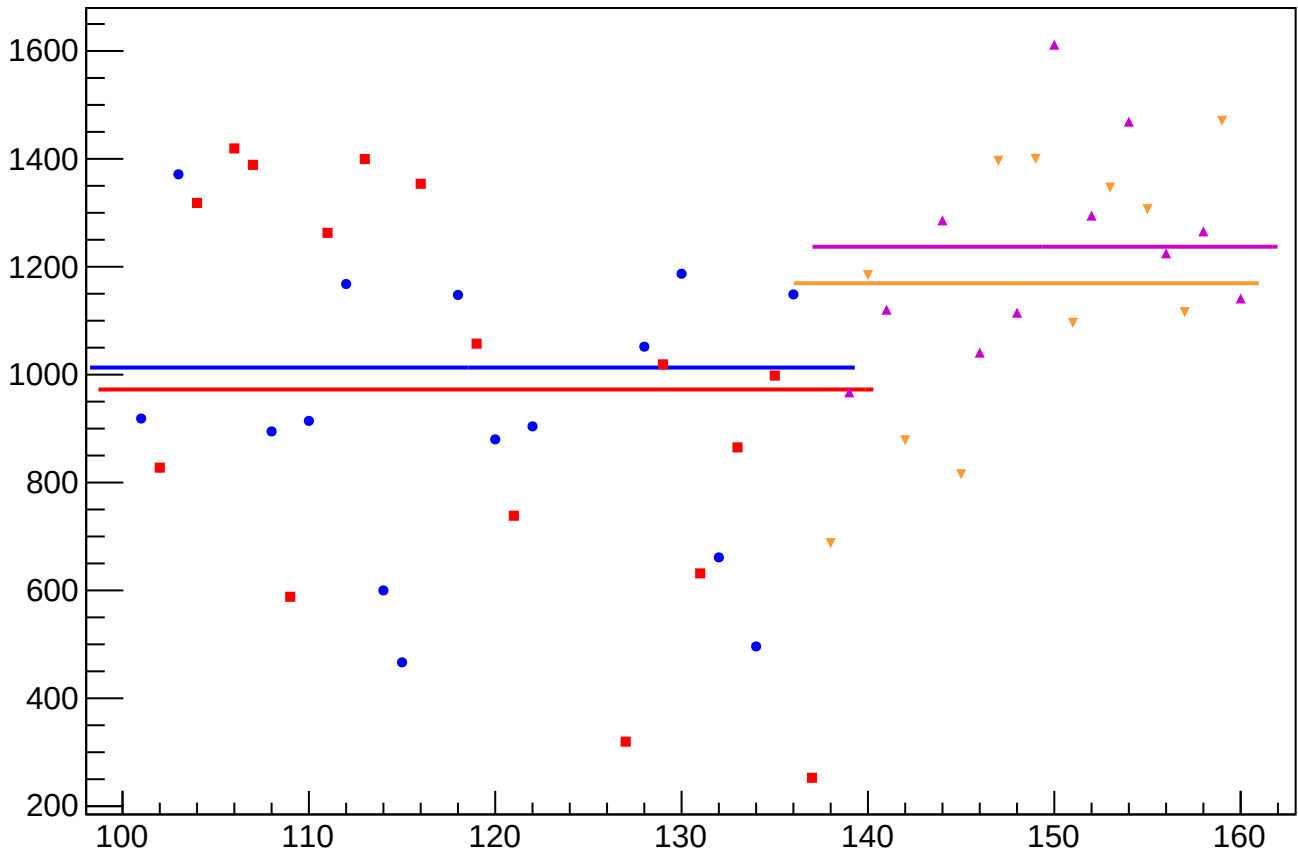
Left Out: 137.012 $\pm$ 0.000 χ^2 /NDF: 1014362817438194132709655172622581760.0/10
All: 219.782 $\pm$ 0.000 χ^2 /NDF: 233310972456

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

- sign 219.249+/-0.000 χ^2 /NDF: 101872754009430

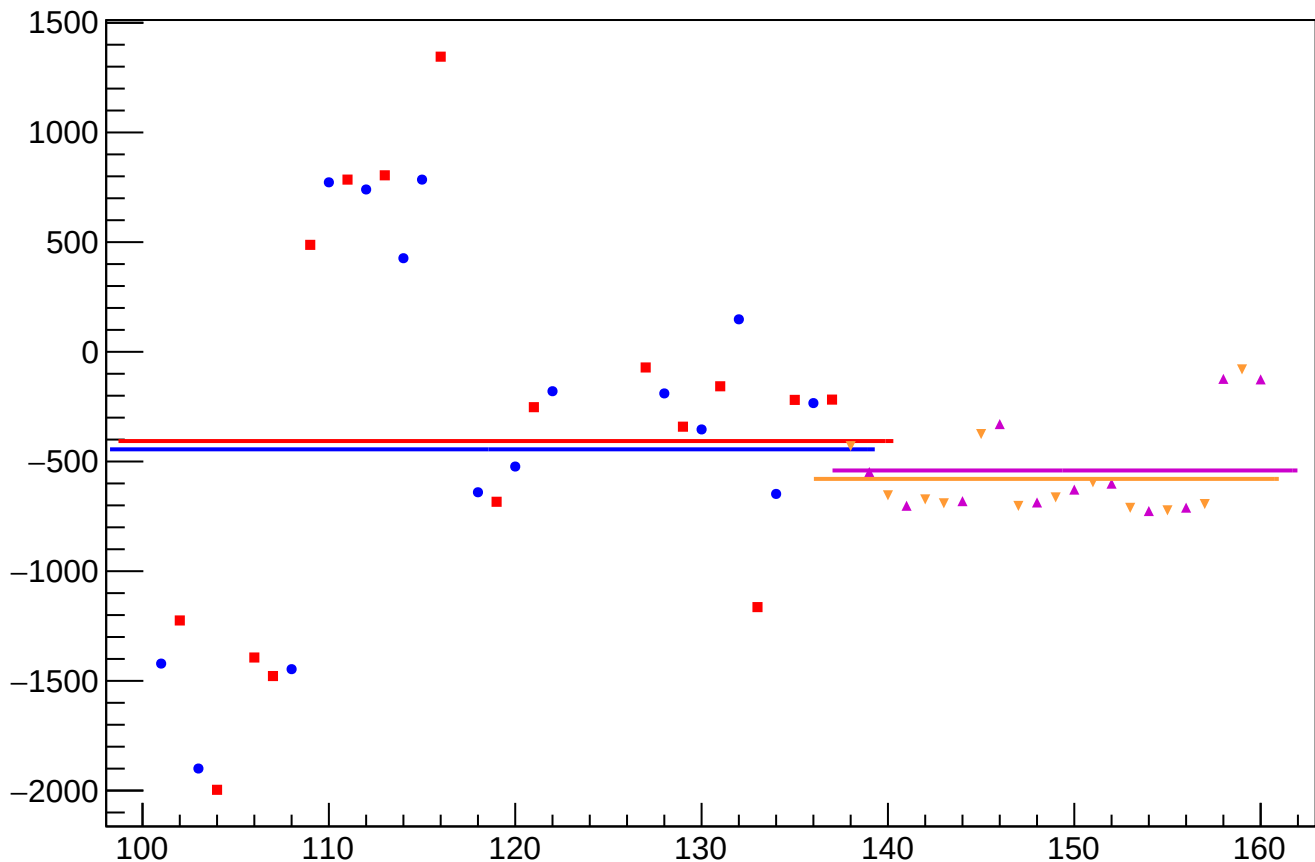
Left In: 141.688+/-0.000 χ^2/NDF :1044882408057849194081424130600599552.0/10

dit_usl_coil6_Ndata_mean vs Slug



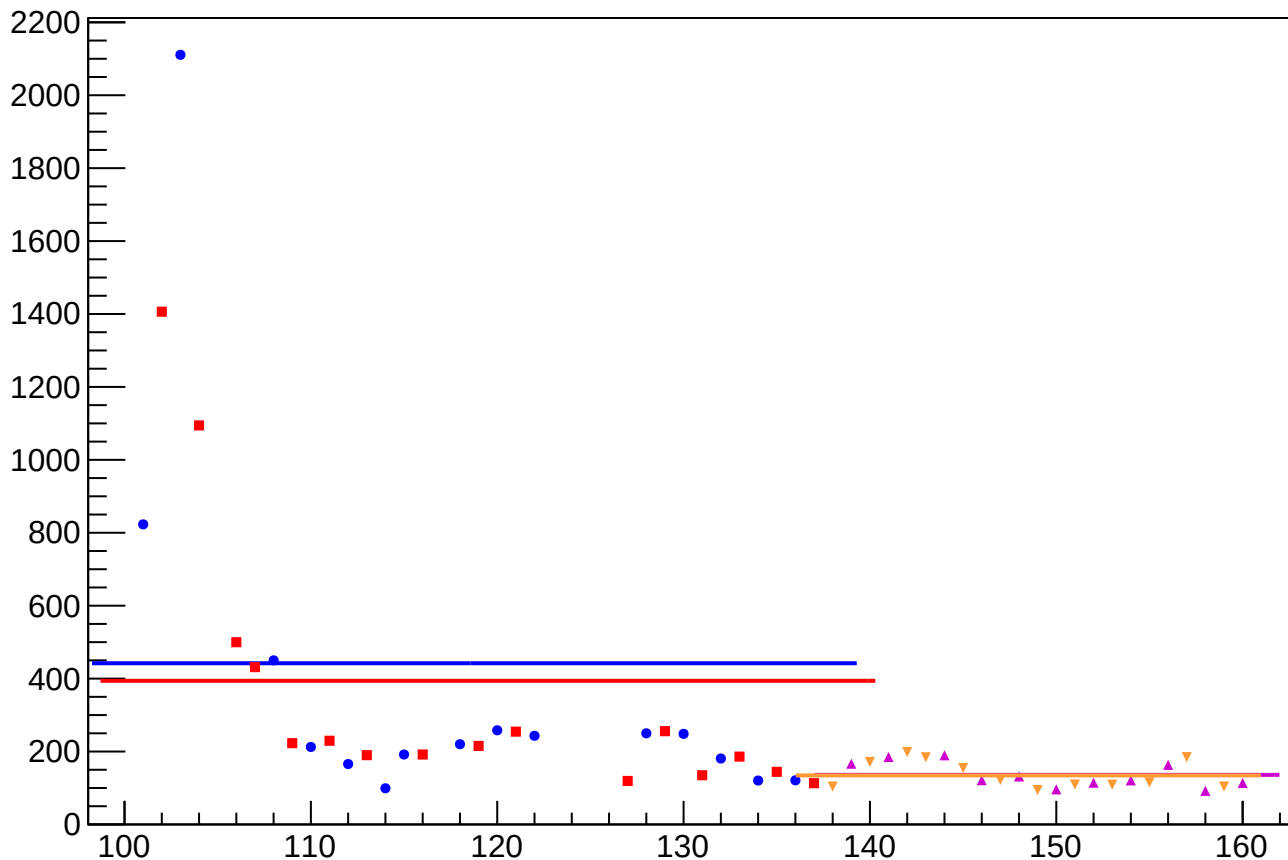
Right In: 1013.146 ± 0.000 $\chi^2/\text{NDF}: 31721270909522099205936100724856324096.0/14$
 Left Out: 1169.420 ± 0.000 $\chi^2/\text{NDF}: 52359058528484212152975817930553950208.0/10$
 Right Out: 972.465 ± 0.000 $\chi^2/\text{NDF}: 78884457200782655962756069915468234752.0/15$
 Left In: 1237.150 ± 0.000 $\chi^2/\text{NDF}: 30323445843993737164691986740223672320.0/10$

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000	χ^2/NDF : 396481903501593703066535851229953654784.0/14
Left Out: -579.272+/-0.000	+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593
Right Out: -406.729+/-0.000	χ^2/NDF : 32584581524528860941595597407042666496.0/11
Left In: -540.842+/-0.000	All: -503.795+/-0.000 χ^2/NDF : 10158993354
	- sign -484.617+/-0.000 χ^2/NDF : 578759927131057

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562+/-0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

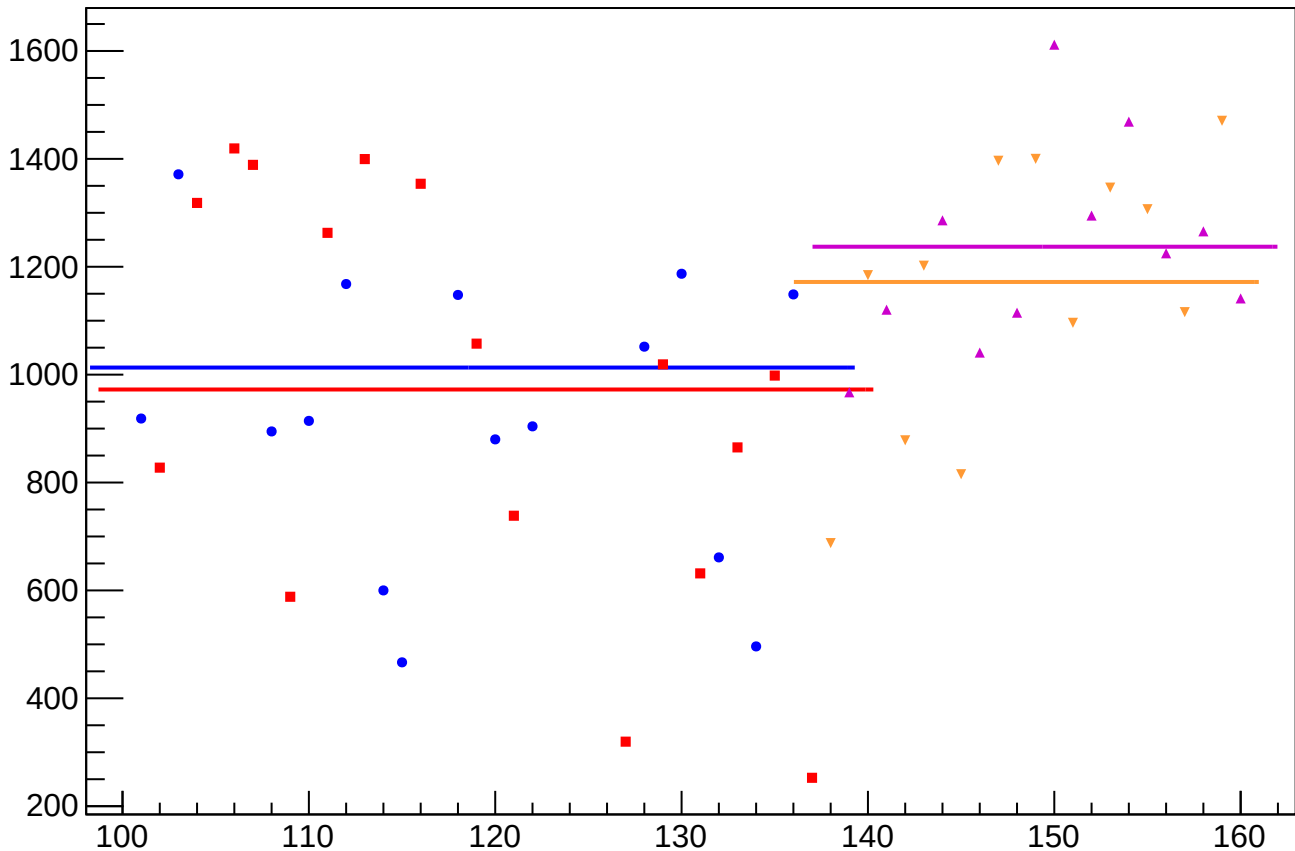
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286+/-0.000 χ^2/NDF : 241048188566854

All: 253.162+/-0.000 χ^2/NDF : 37398353308

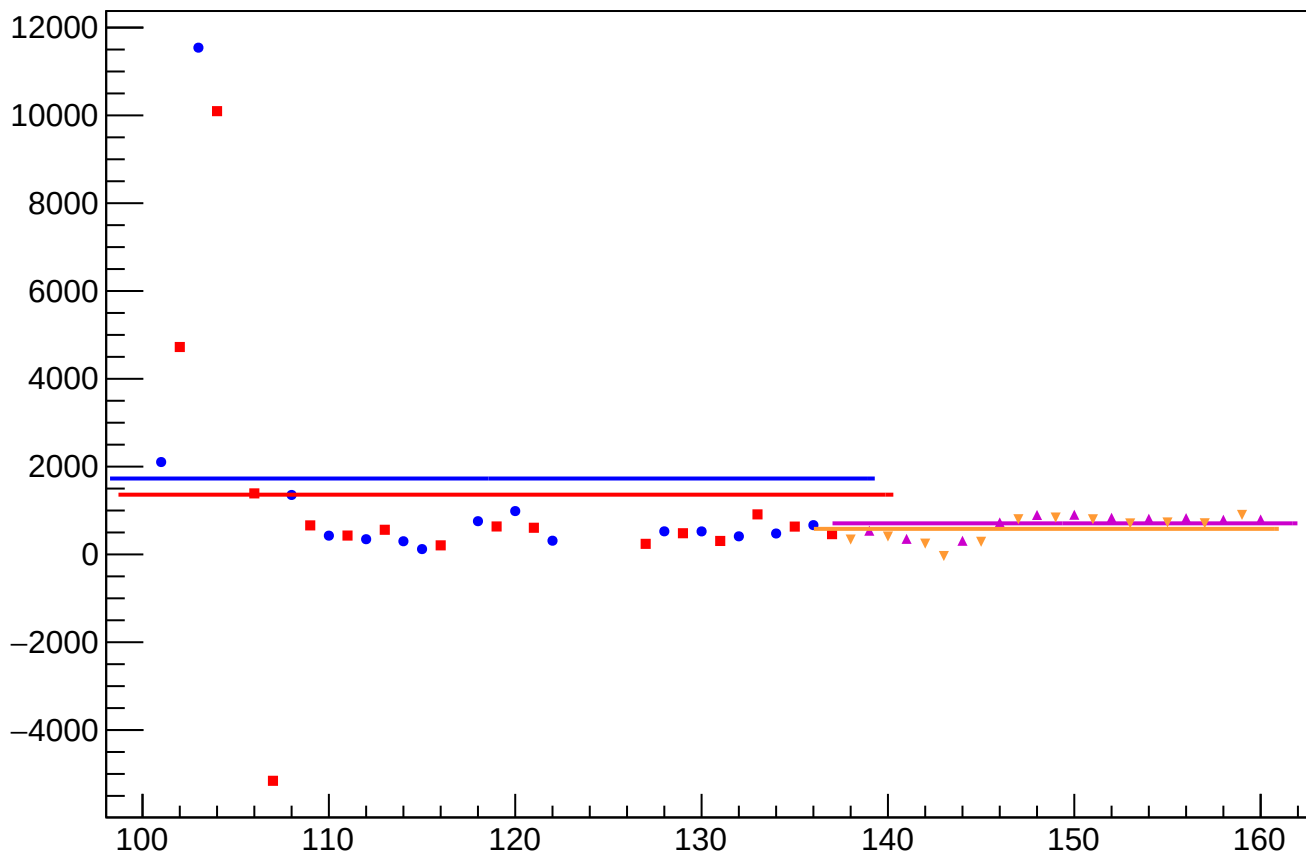
- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



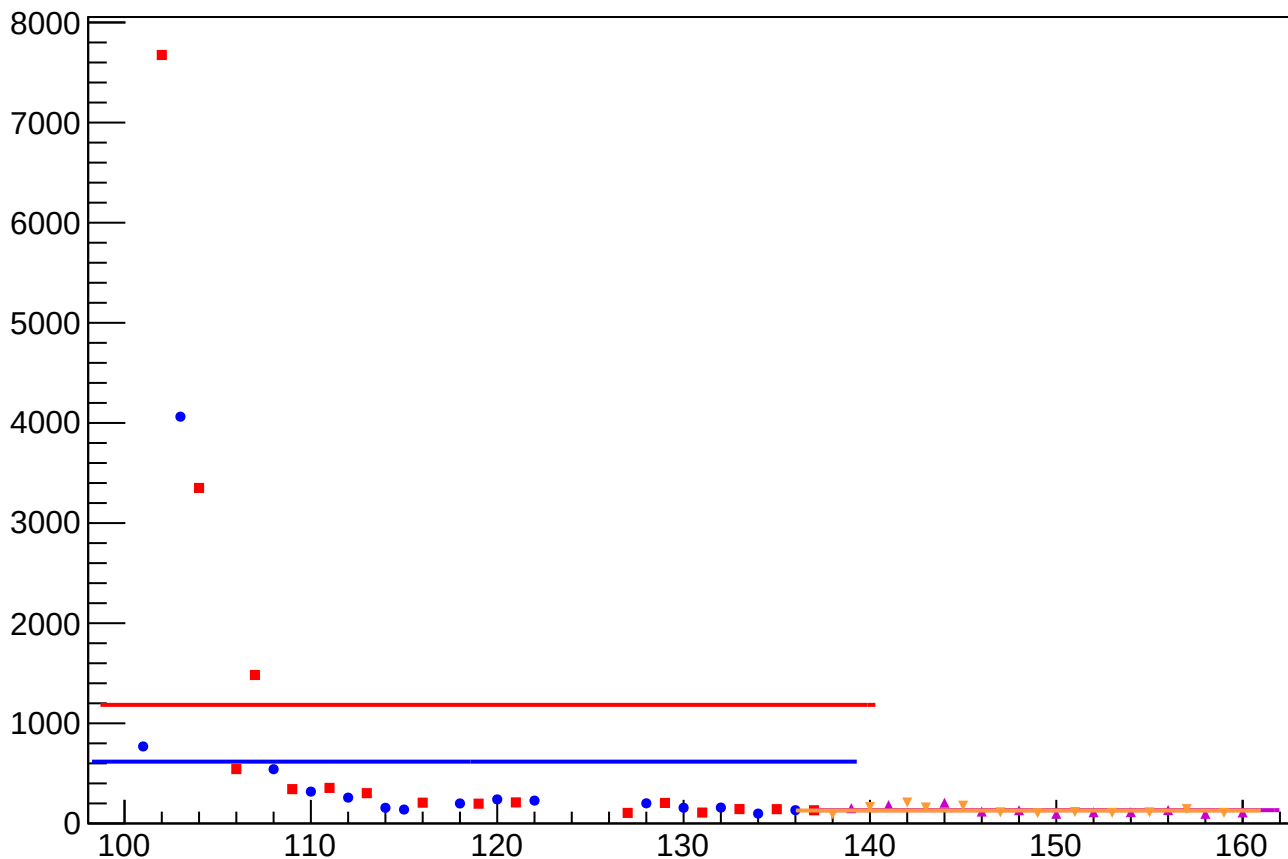
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013 ± 0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152 ± 0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914 ± 0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889 ± 0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

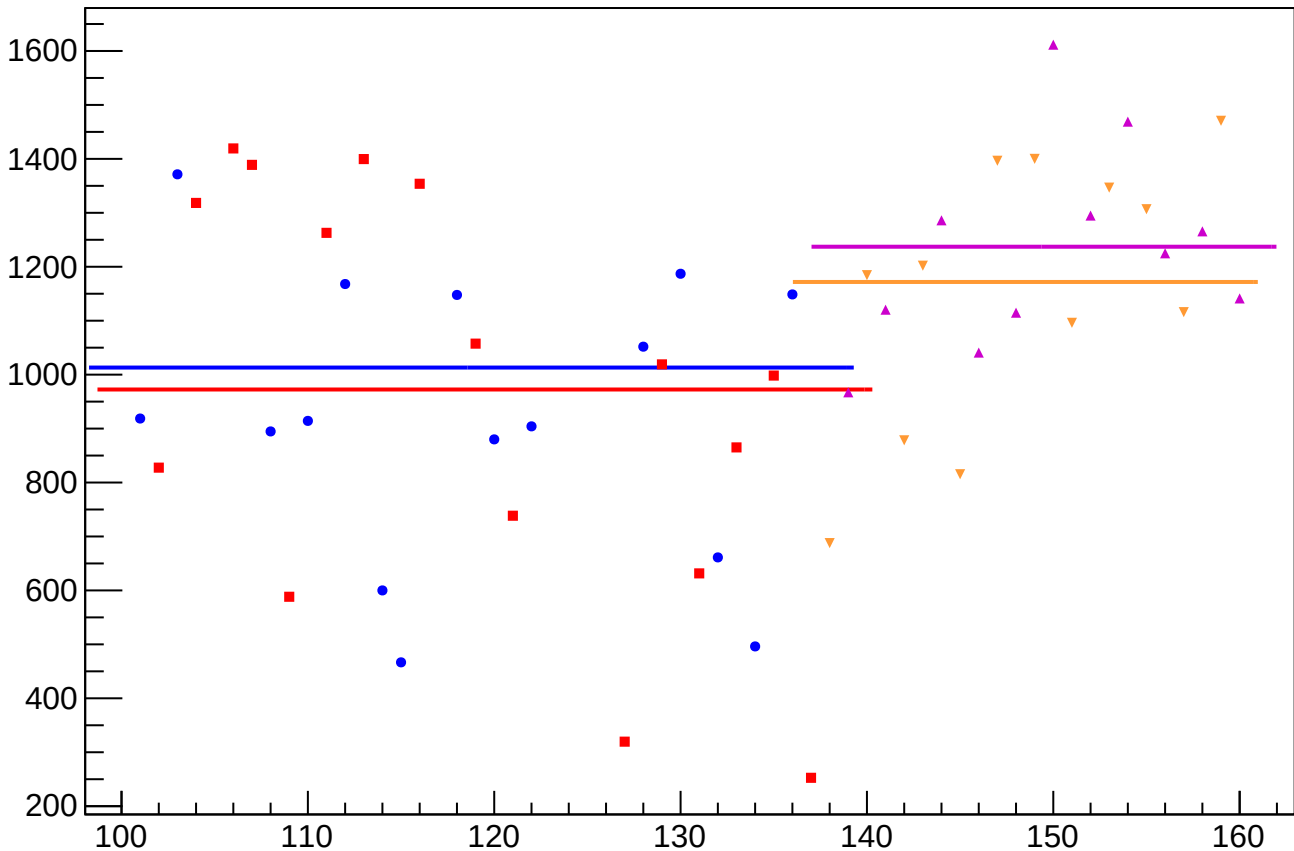
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

All: 453.895+/-0.000 χ^2/NDF : 452656903212

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

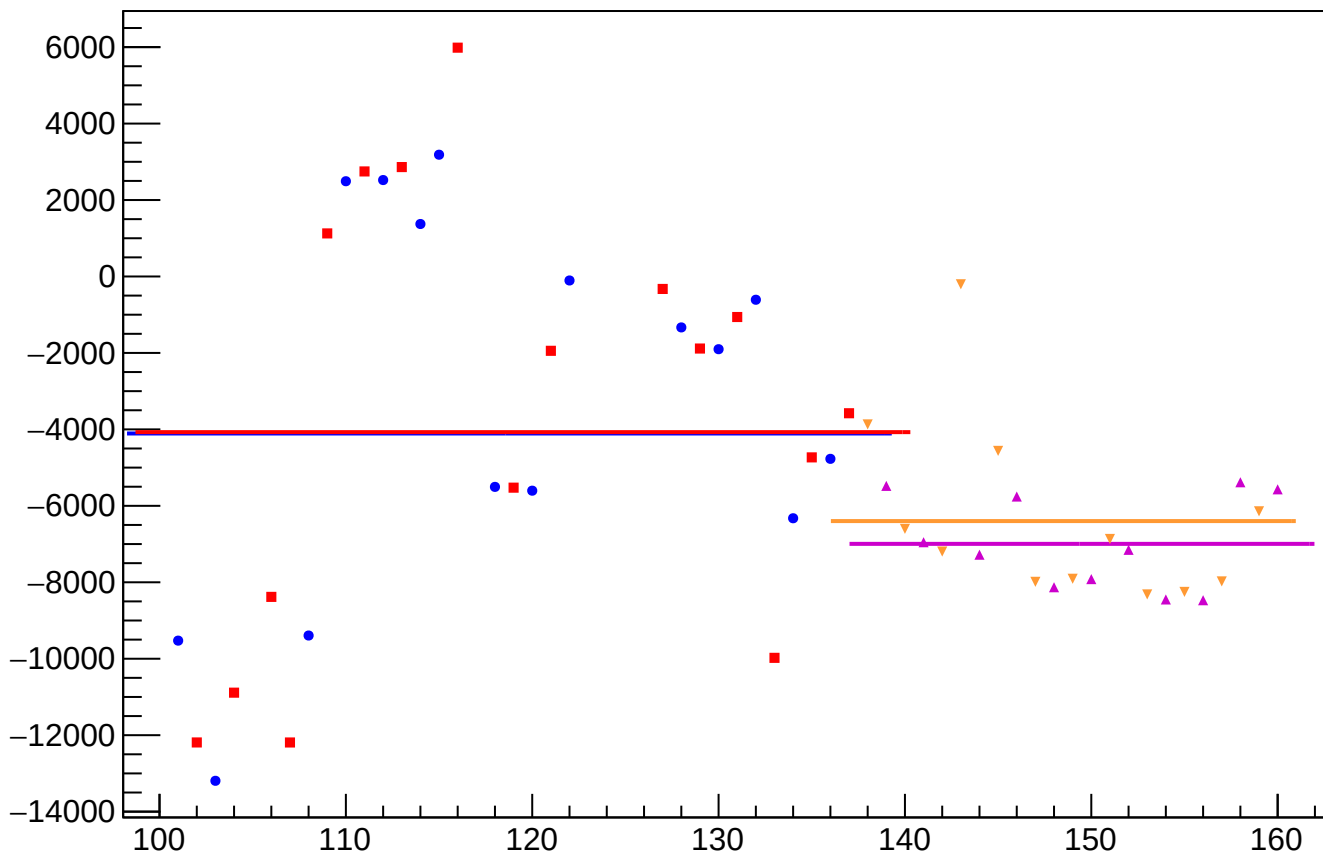
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

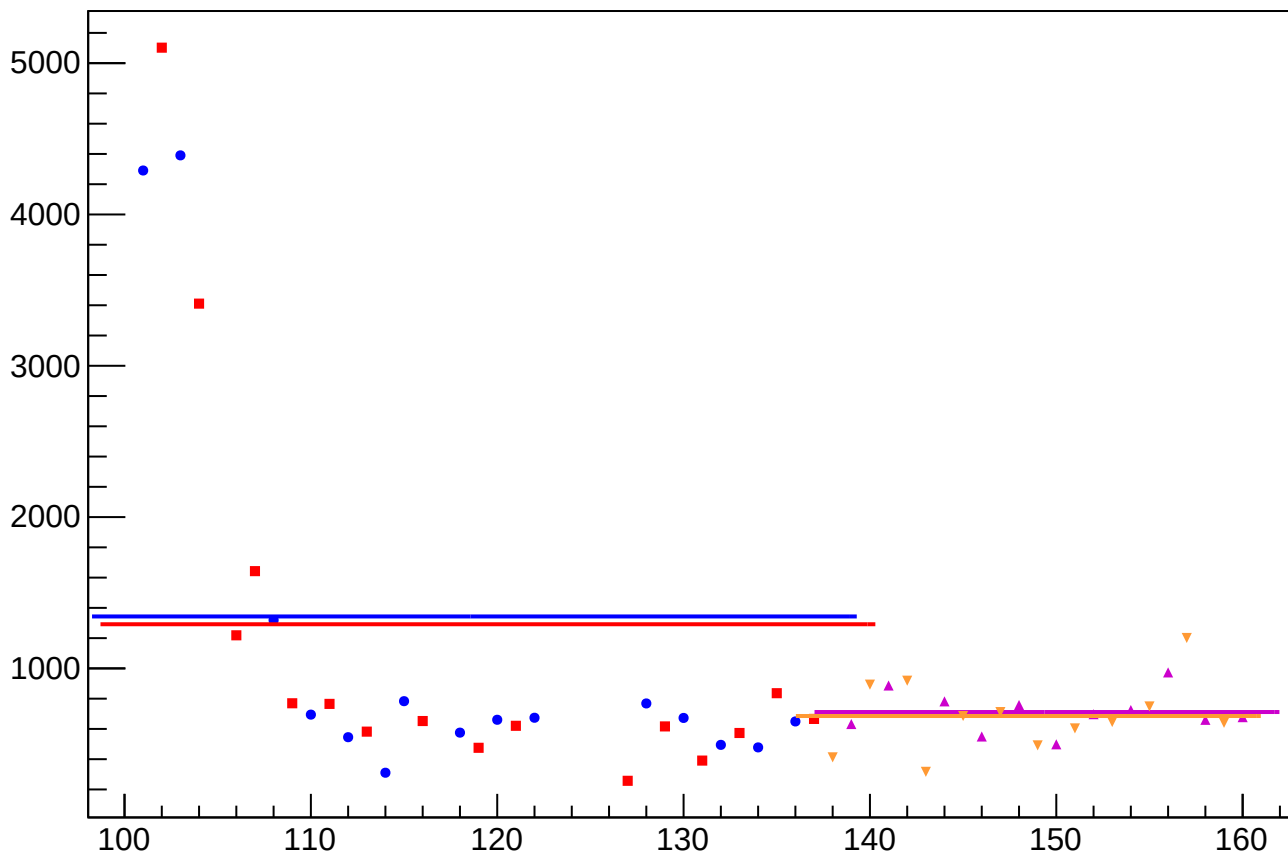
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6398.906+/-0.000	χ^2/NDF : 4560292812943761149136938286094472970240.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

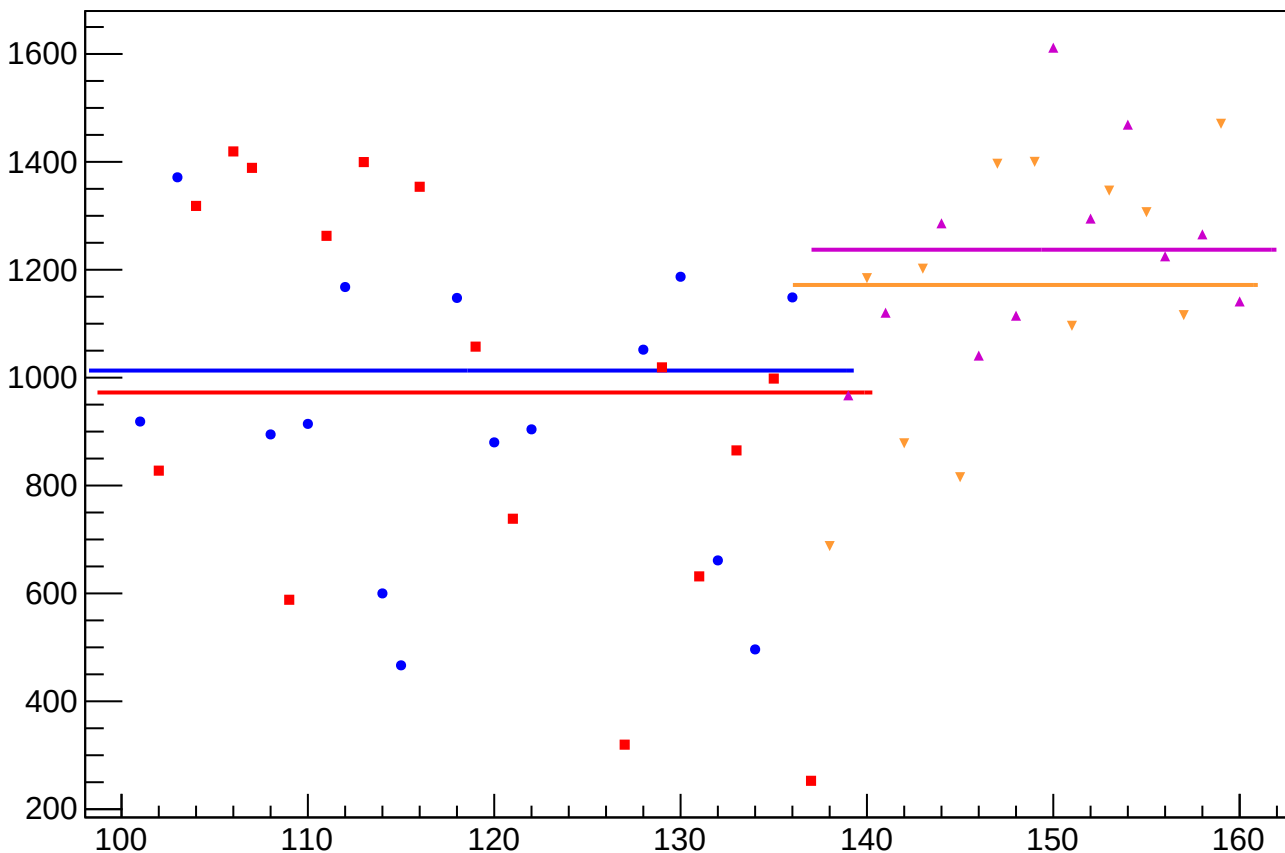
+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 685.307+/-0.000 χ^2/NDF : 46333249080985813233742212153458294784.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

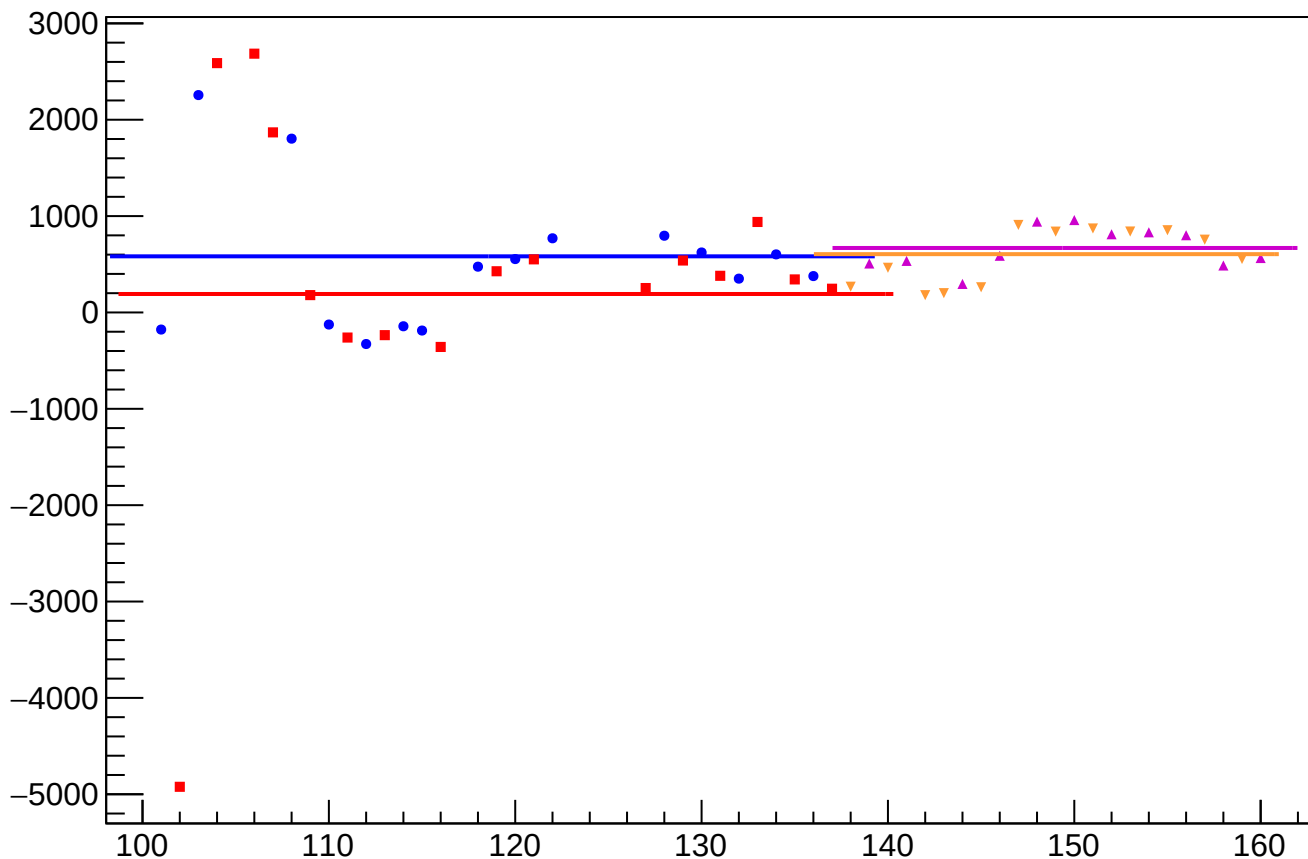
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328 ± 0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333 ± 0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203 ± 0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

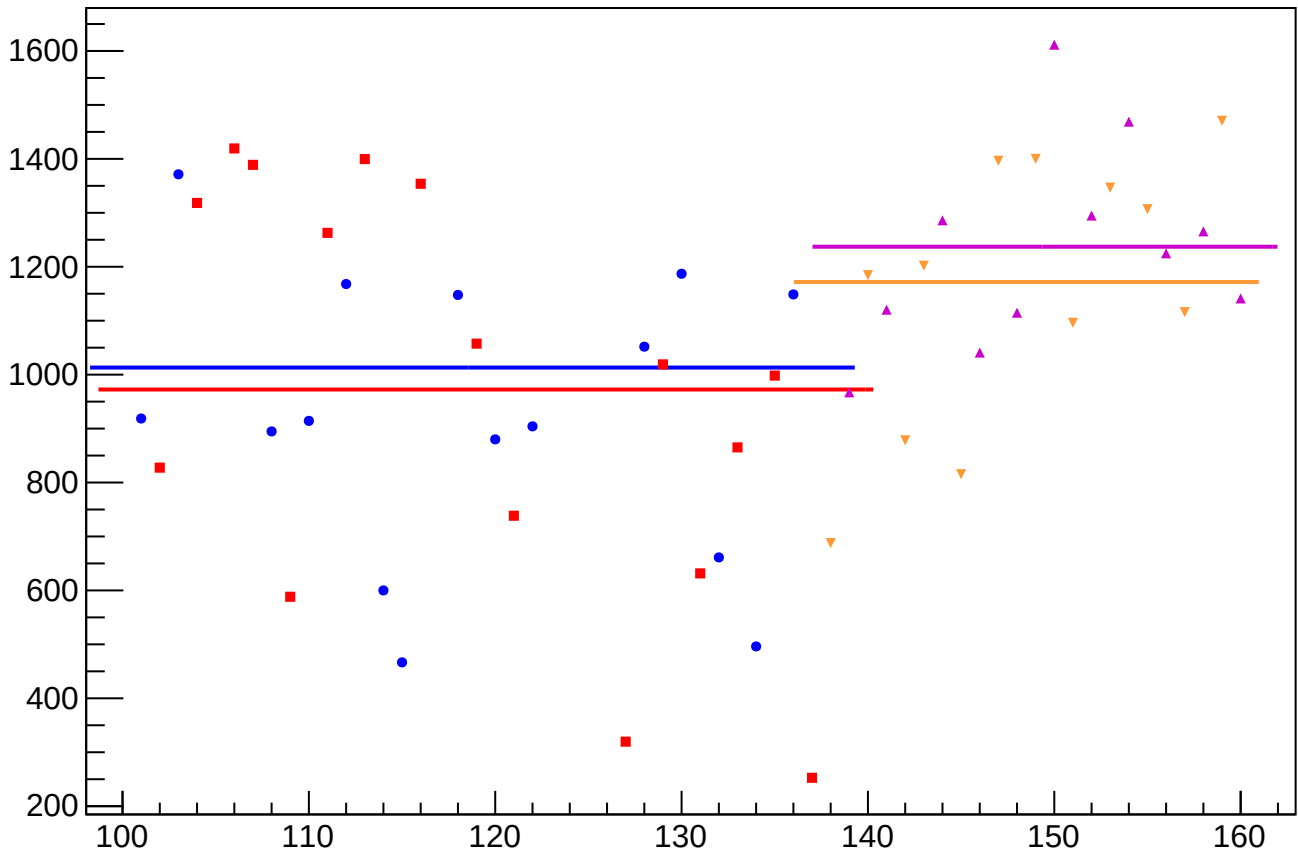
Left In: 145.502 ± 0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ sign 308.422 ± 0.000 χ^2/NDF : 475799684039922

All: 375.901 ± 0.000 χ^2/NDF : 32587788805

- sign 442.194 ± 0.000 χ^2/NDF : 276887014570090

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

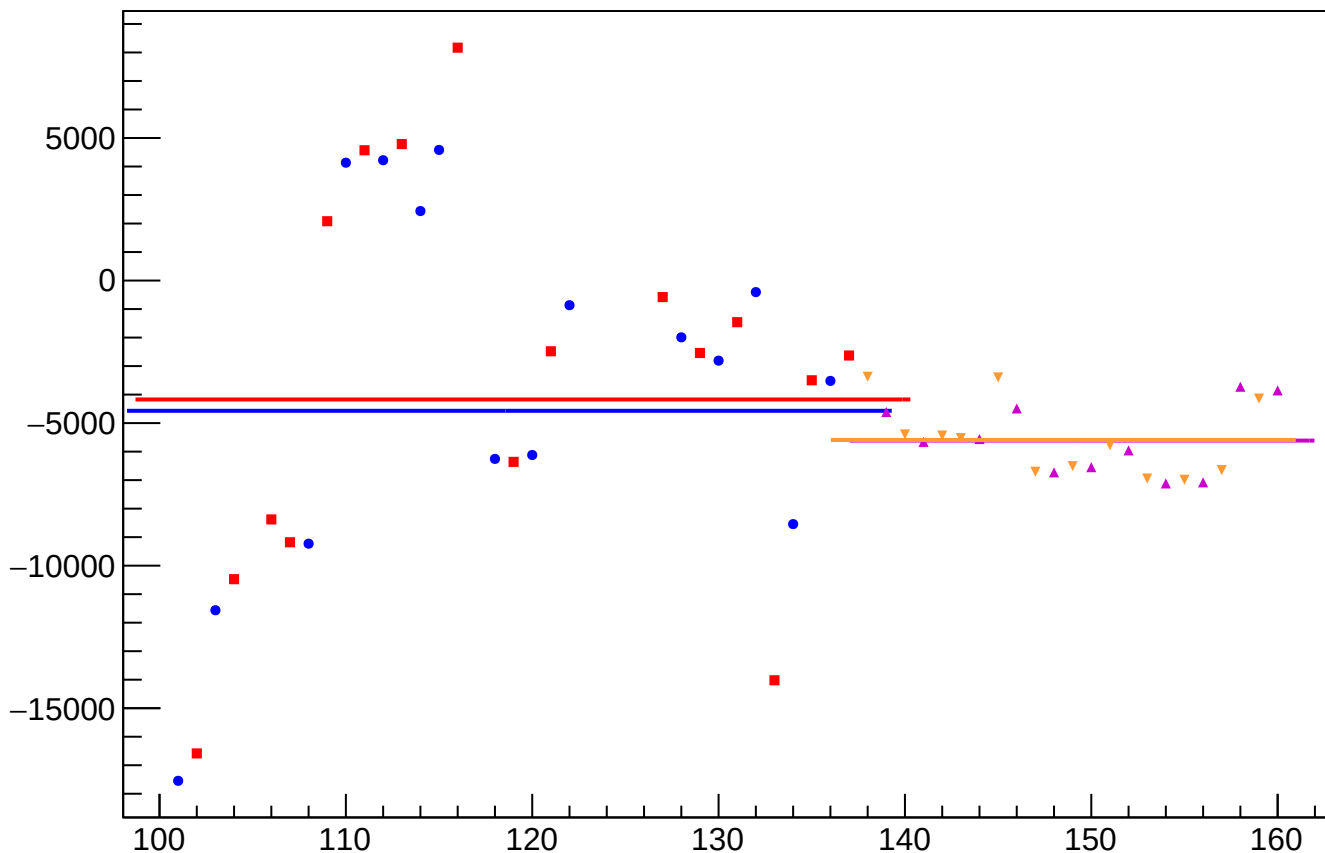
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

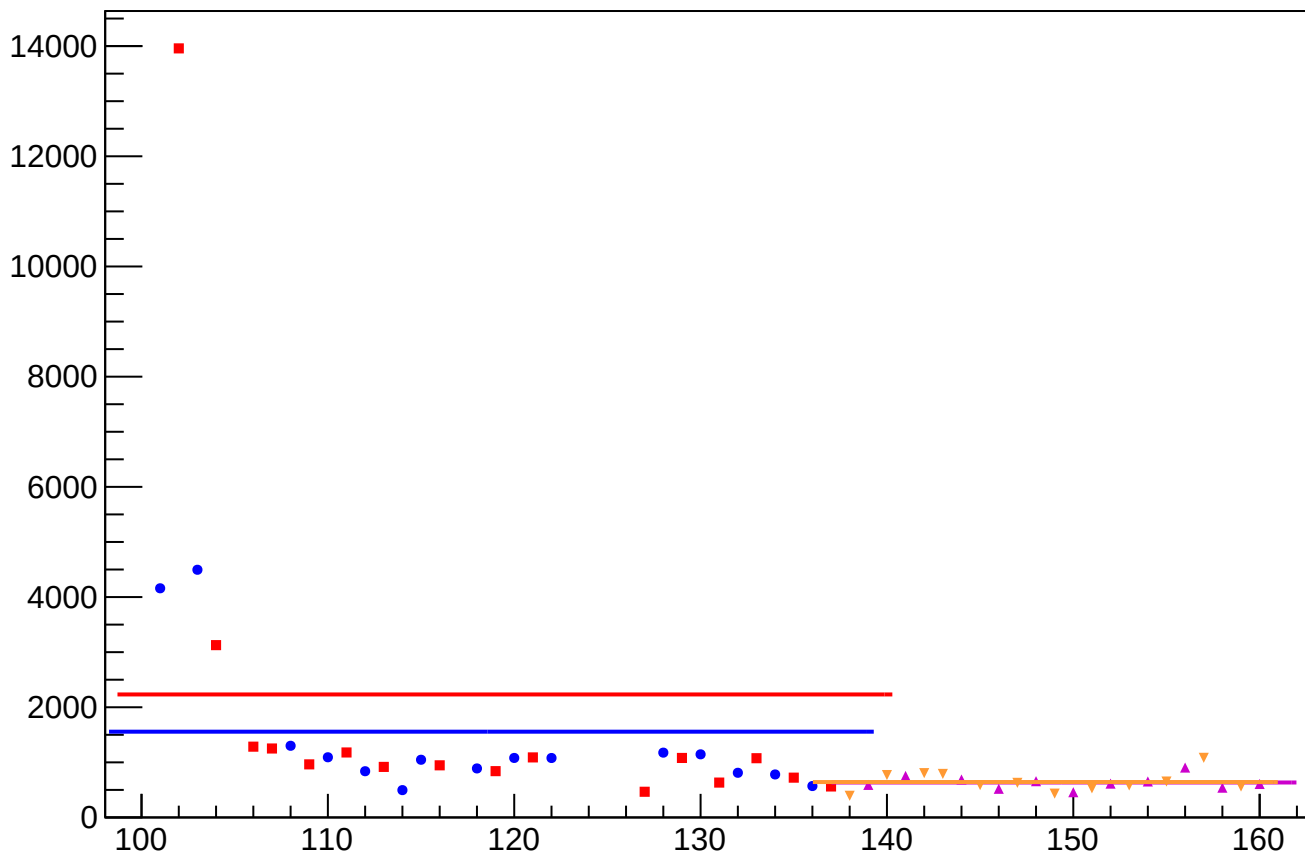
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5592.357+/-0.000	χ^2/NDF : 1502507998590915650067934753088681803776.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

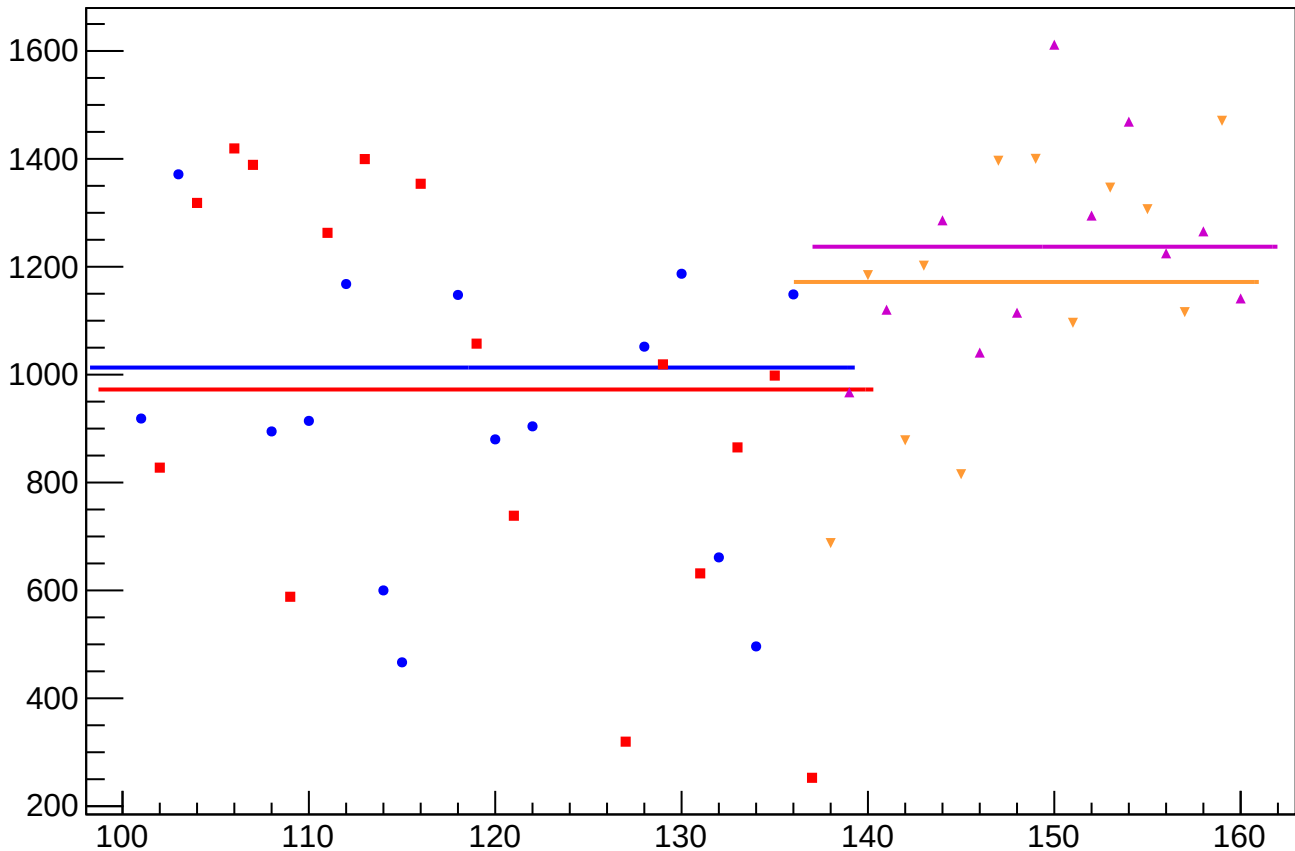
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



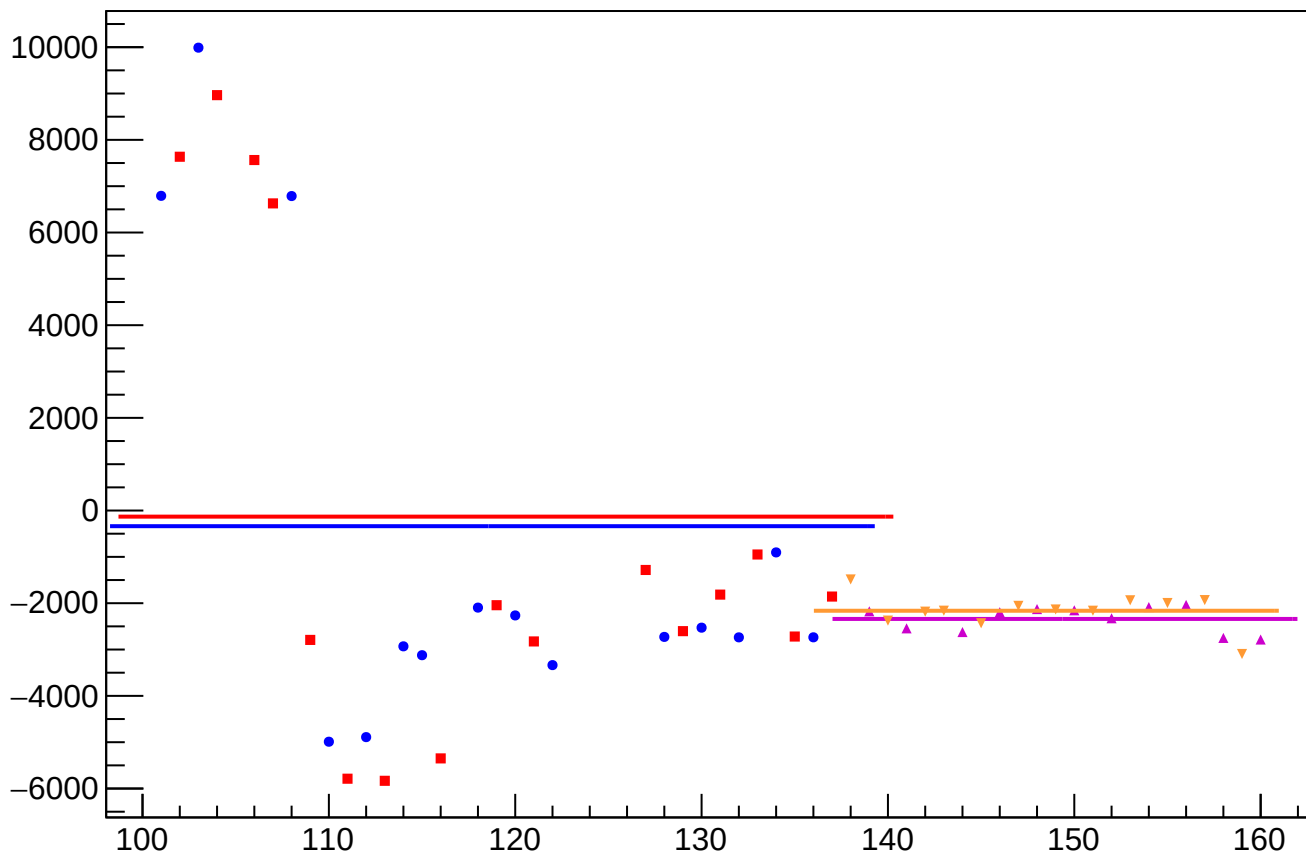
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10
 All: 1164.597+/-0.000 χ^2/NDF : 11541094593
 + sign 1022.208+/-0.000 χ^2/NDF : 14864291079277
 - sign 1304.479+/-0.000 χ^2/NDF : 99918451960380

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

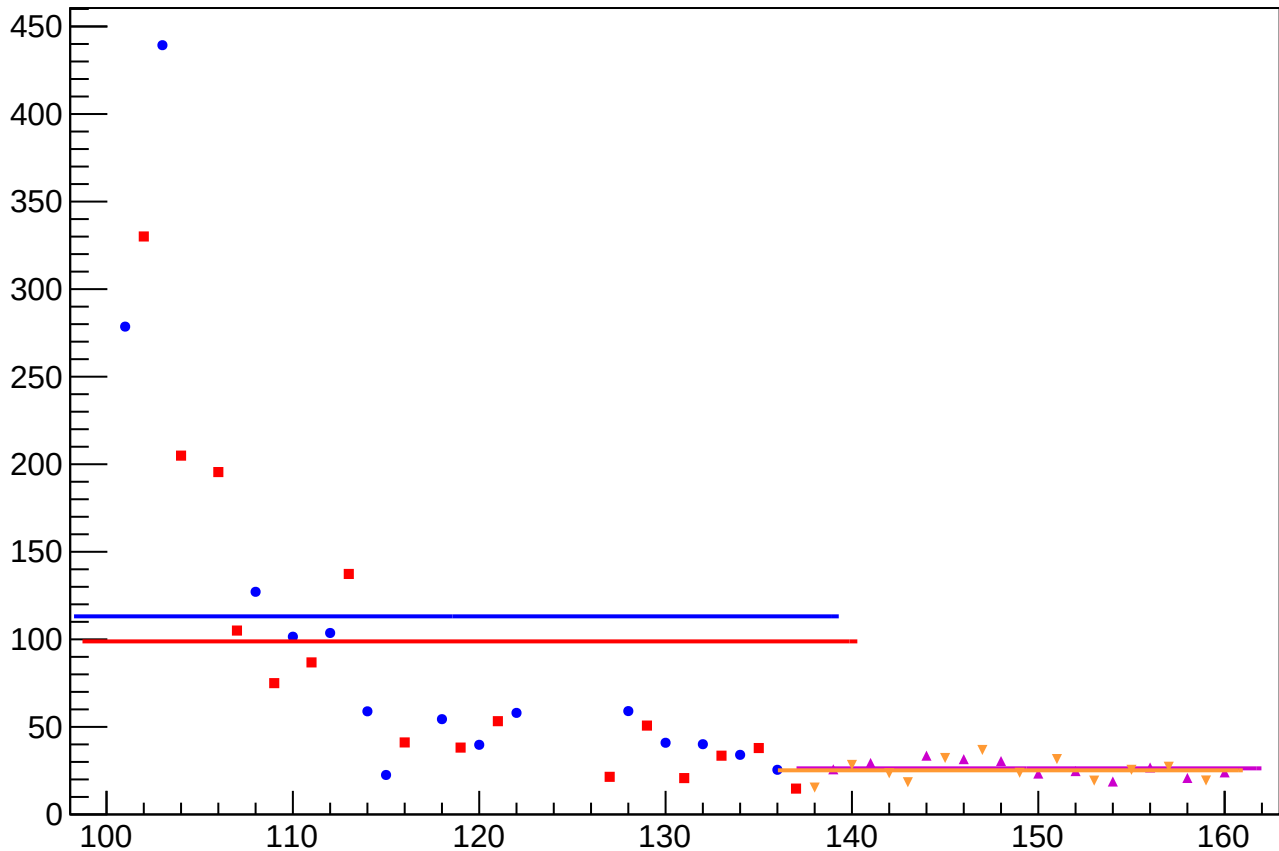
dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000	χ^2/NDF : 15152515933007079891661097940762081886208.0/14
Left Out: -2162.857+/-0.000	χ^2/NDF : 126332275232930257638482620391759020032.0/11
Right Out: -131.545+/-0.000	χ^2/NDF : 16473217651078877976377424419956902068224.0/15
Left In: -2339.639+/-0.000	χ^2/NDF : 62860144247456957543810906284181422080.0/10

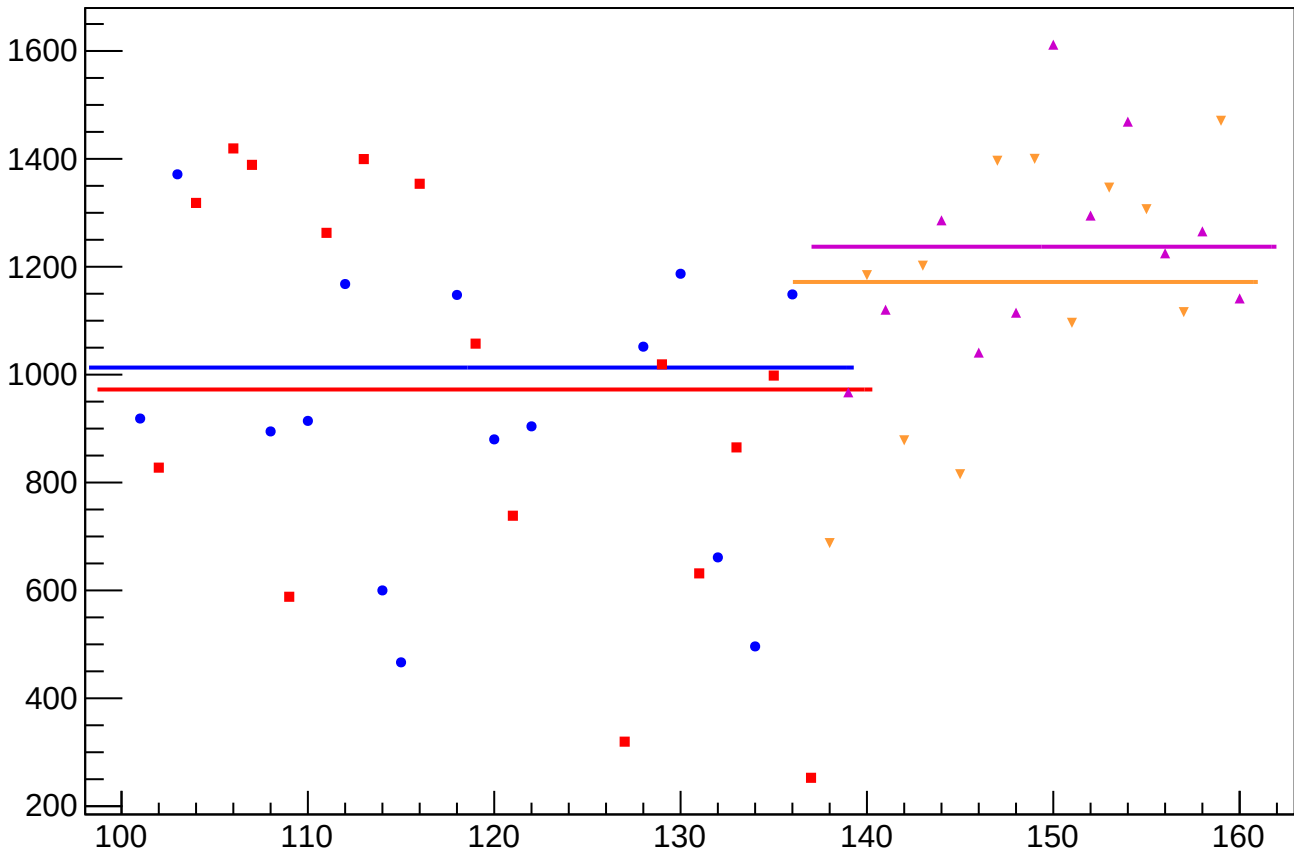
+ sign -1405.071+/-0.000 χ^2/NDF : 1654286779746
 All: -1409.541+/-0.000 χ^2/NDF : 3496770485
 - sign -1413.933+/-0.000 χ^2/NDF : 18424775138160

dit_sam1_coil6_err_mean vs Slug



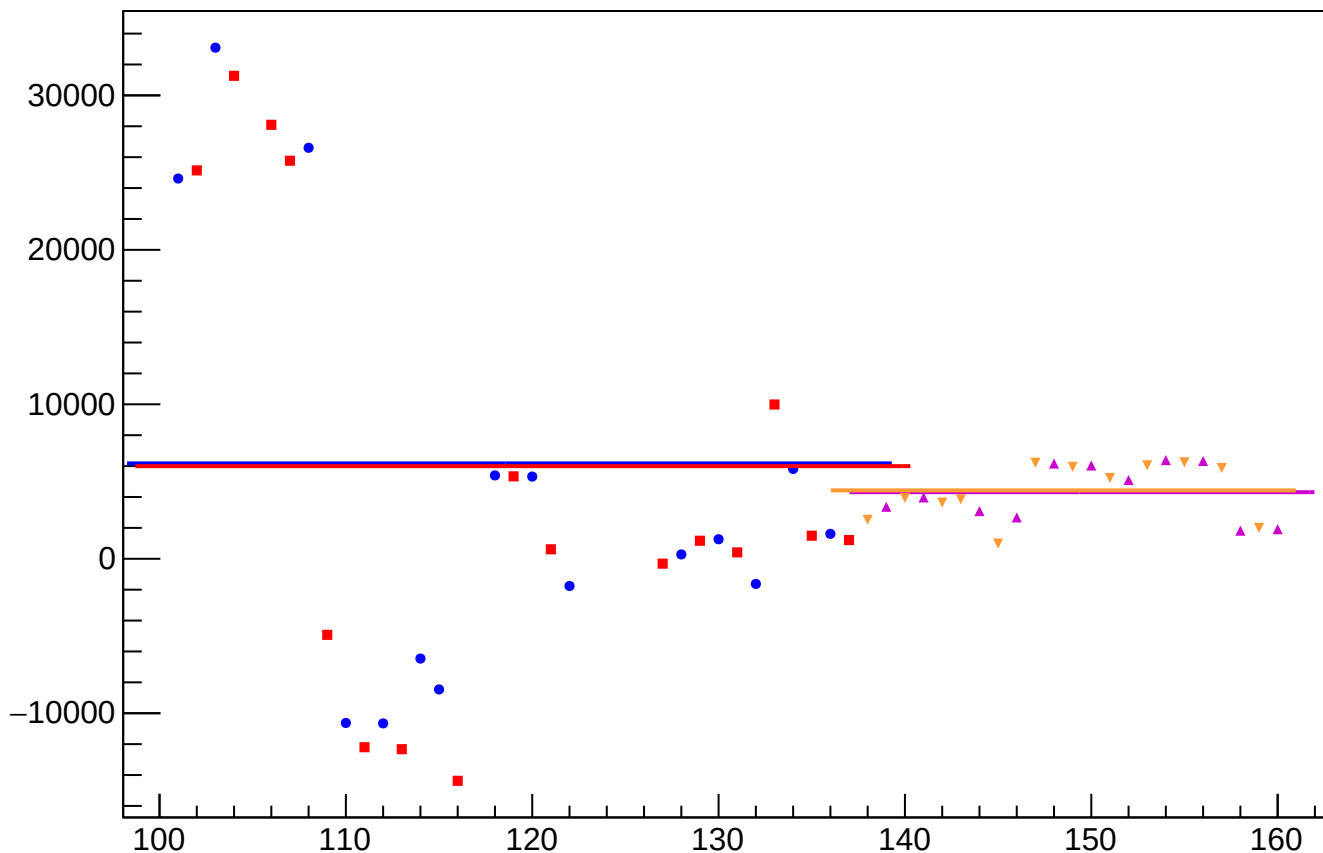
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.204+/-0.000 χ^2/NDF : 35340998729966912863138320392126464.0/11
 Right Out: 98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331+/-0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

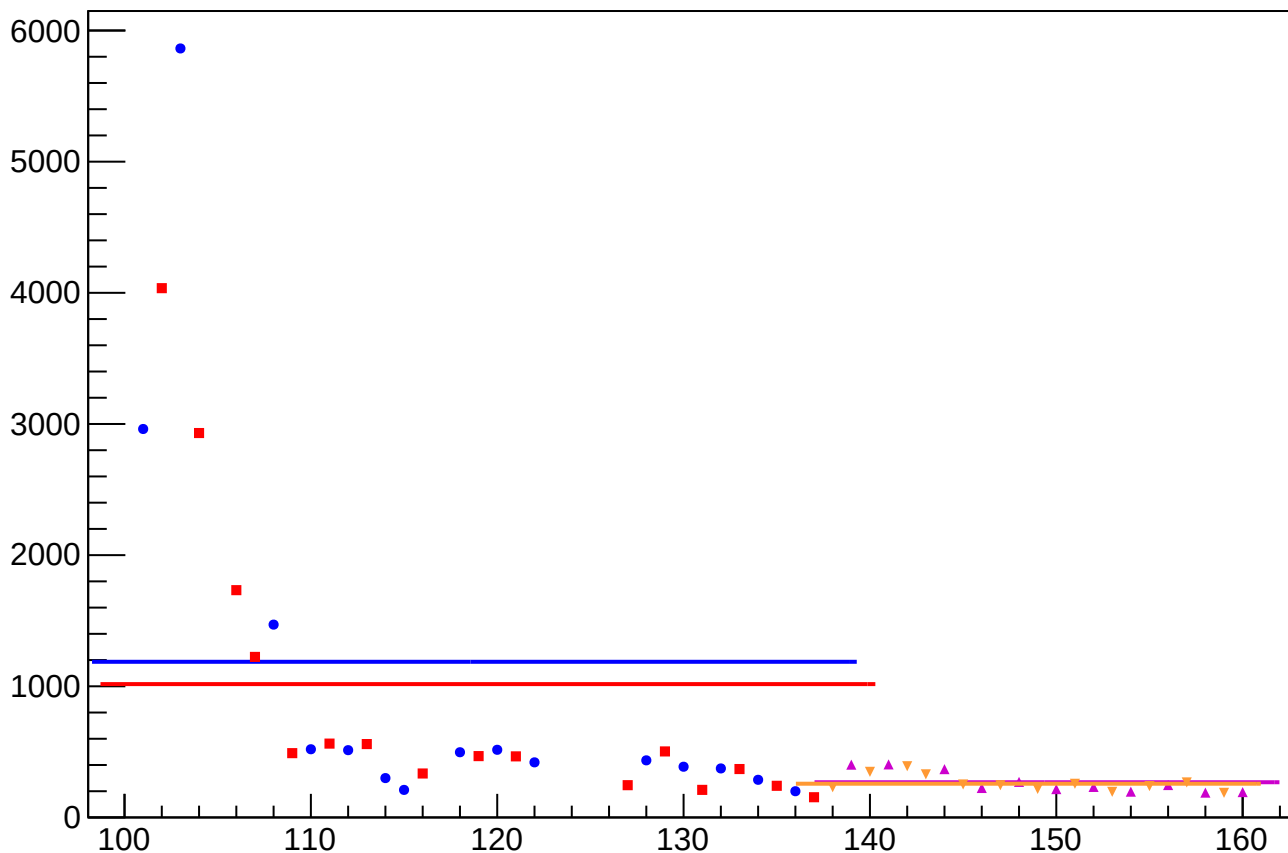
dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000	χ^2/NDF : 117260877162921223967478349050708452442112.0/14
Left Out: 4428.101+/-0.000	χ^2/NDF : 2900138976874387724183278190835470958592.0/11
Right Out: 5996.727+/-0.000	χ^2/NDF : 137057710785025136543407710107916356812800.0/15
Left In: 4310.541+/-0.000	χ^2/NDF : 2687248811790643780000086030830396243968.0/10

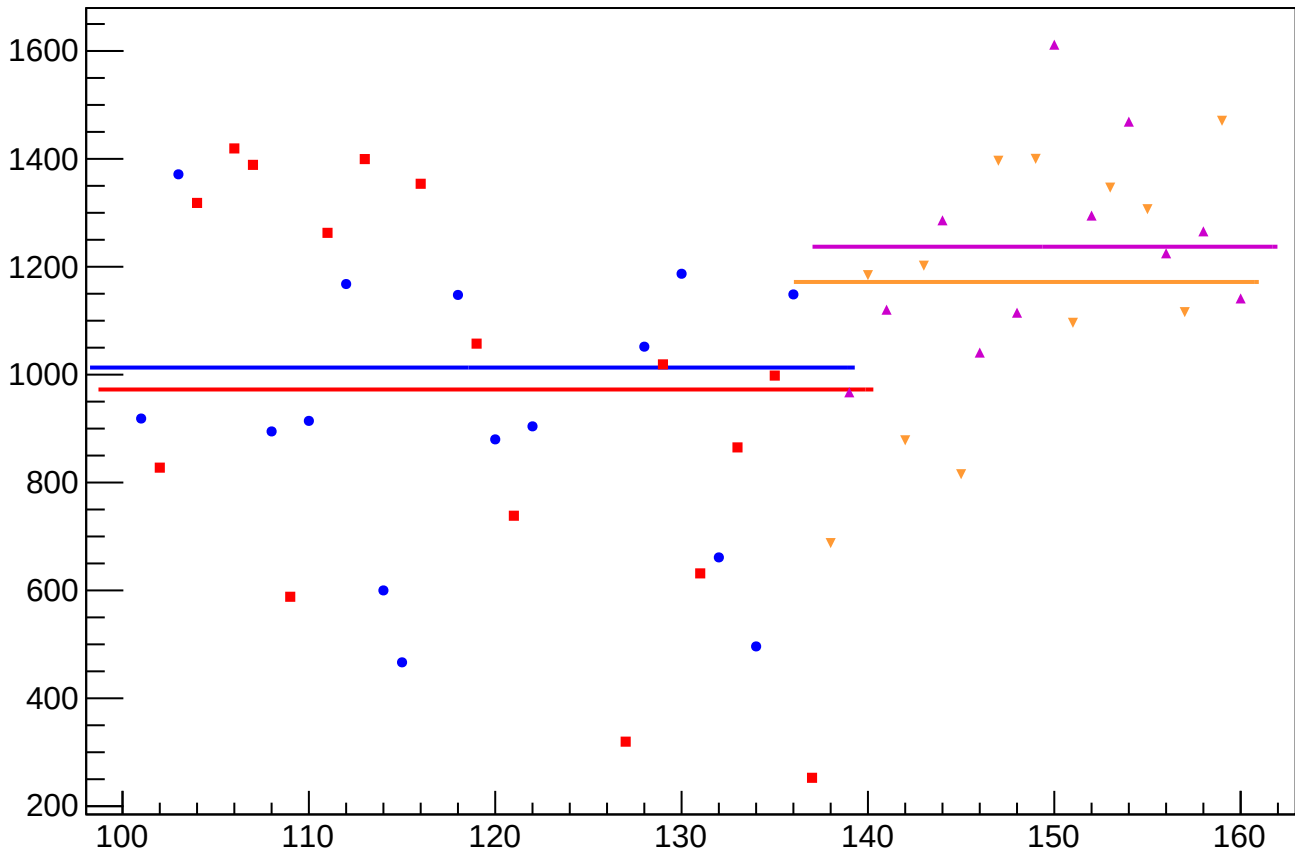
+ sign 5153.665+/-0.000 χ^2/NDF : 12131982747999
 All: 5084.951+/-0.000 χ^2/NDF : 26218080052
 - sign 5017.446+/-0.000 χ^2/NDF : 14084634301440

dit_sam2_coil6_err_mean vs Slug



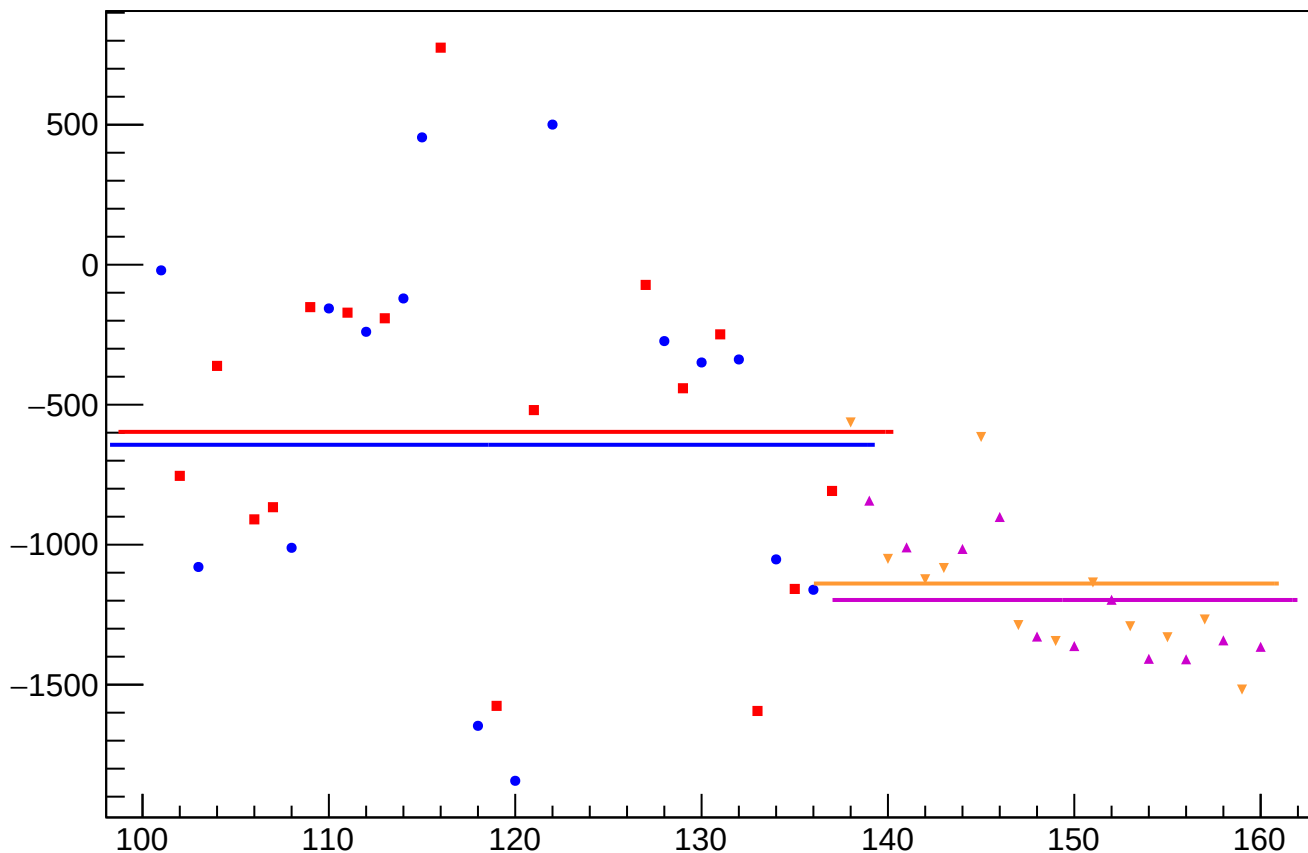
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 612.442 $\pm$ 0.000 χ^2 /NDF: 328051716192
 + sign 643.246 $\pm$ 0.000 χ^2 /NDF: 212720083388662
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1138.759+/-0.000 χ^2/NDF : 71006185953424254270590791718170263552.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

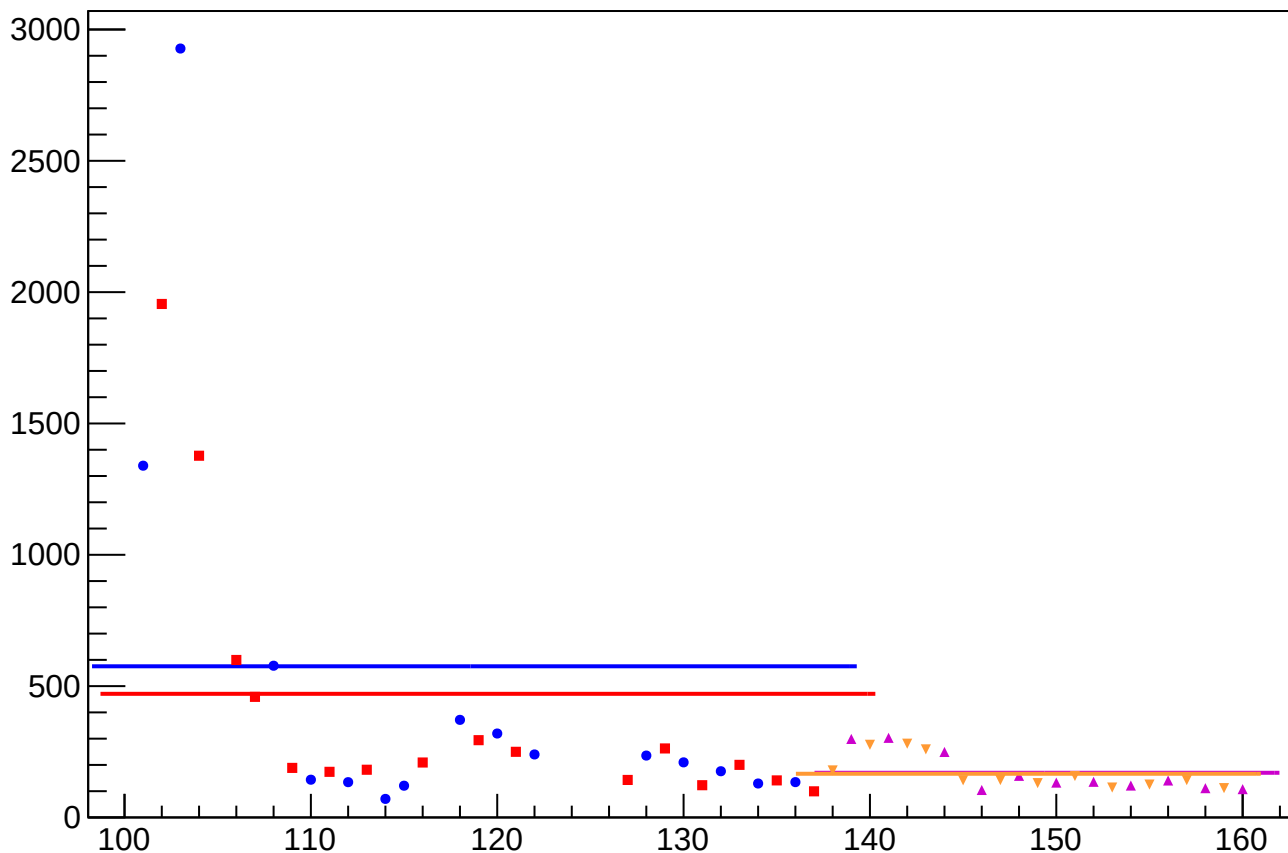
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -932.996+/-0.000 χ^2/NDF : 43692805722802

All: -939.440+/-0.000 χ^2/NDF : 82608252499

- sign -945.770+/-0.000 χ^2/NDF : 389025821558760

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

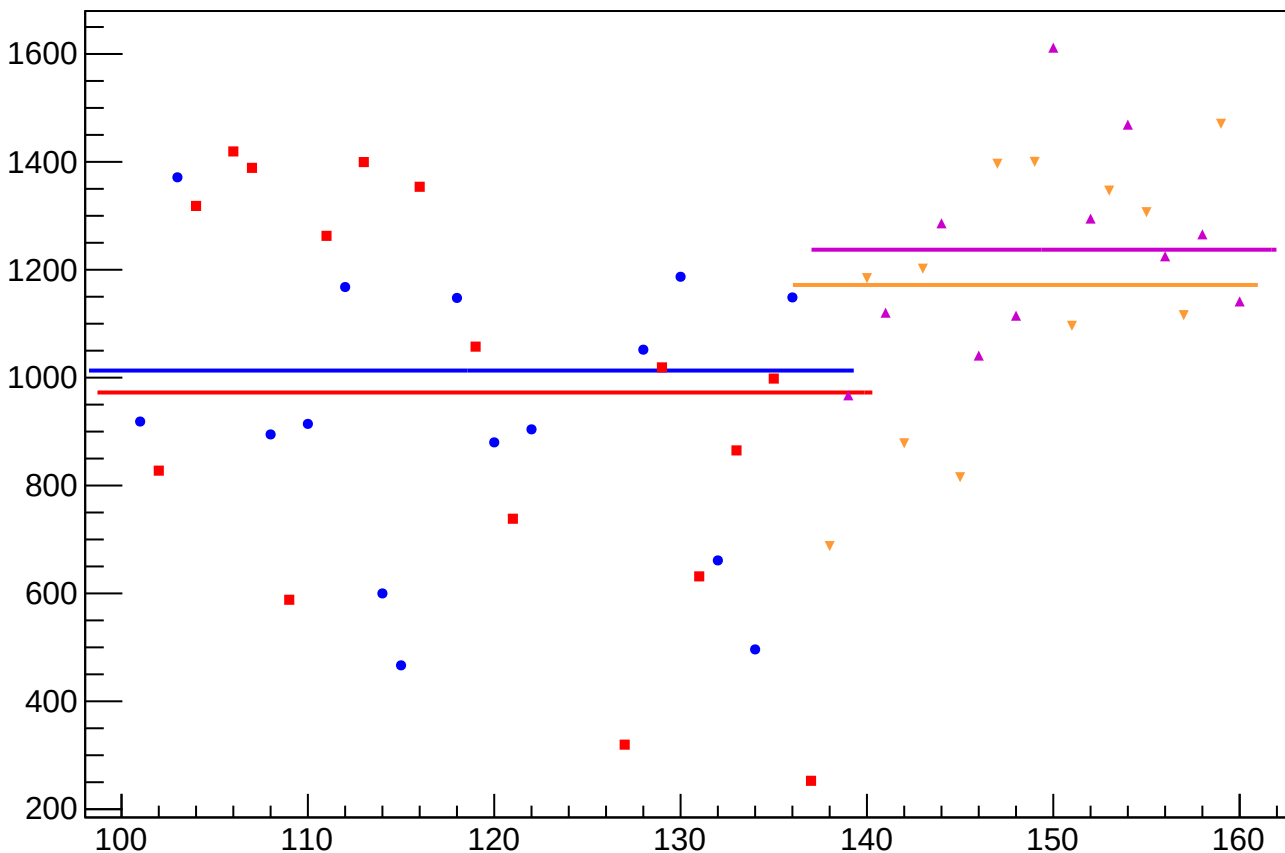
Left Out: 166.360+/-0.000 χ^2/NDF : 3052716209295405049807129095543193600.0/11

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

All: 316.009+/-0.000 χ^2/NDF : 749713374727

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

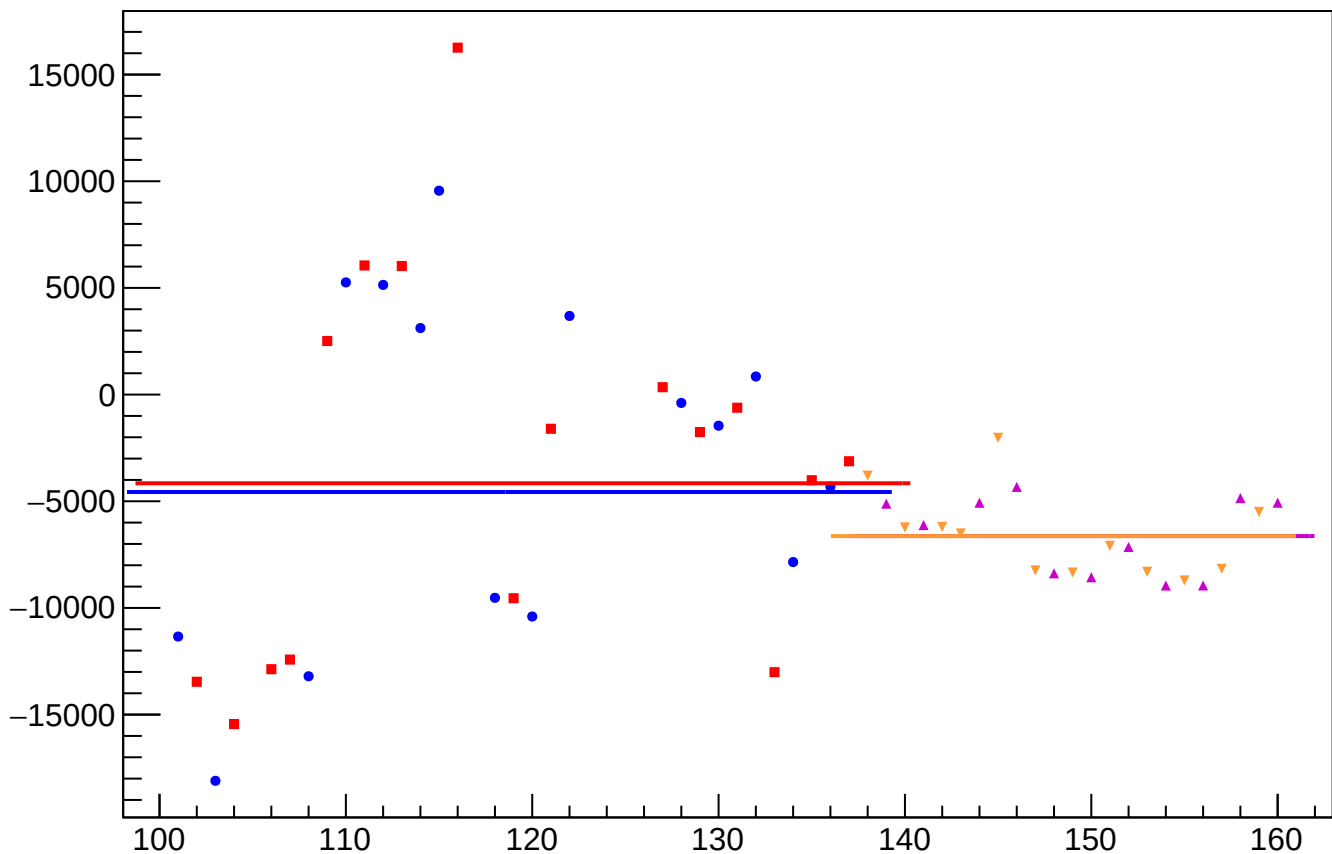
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

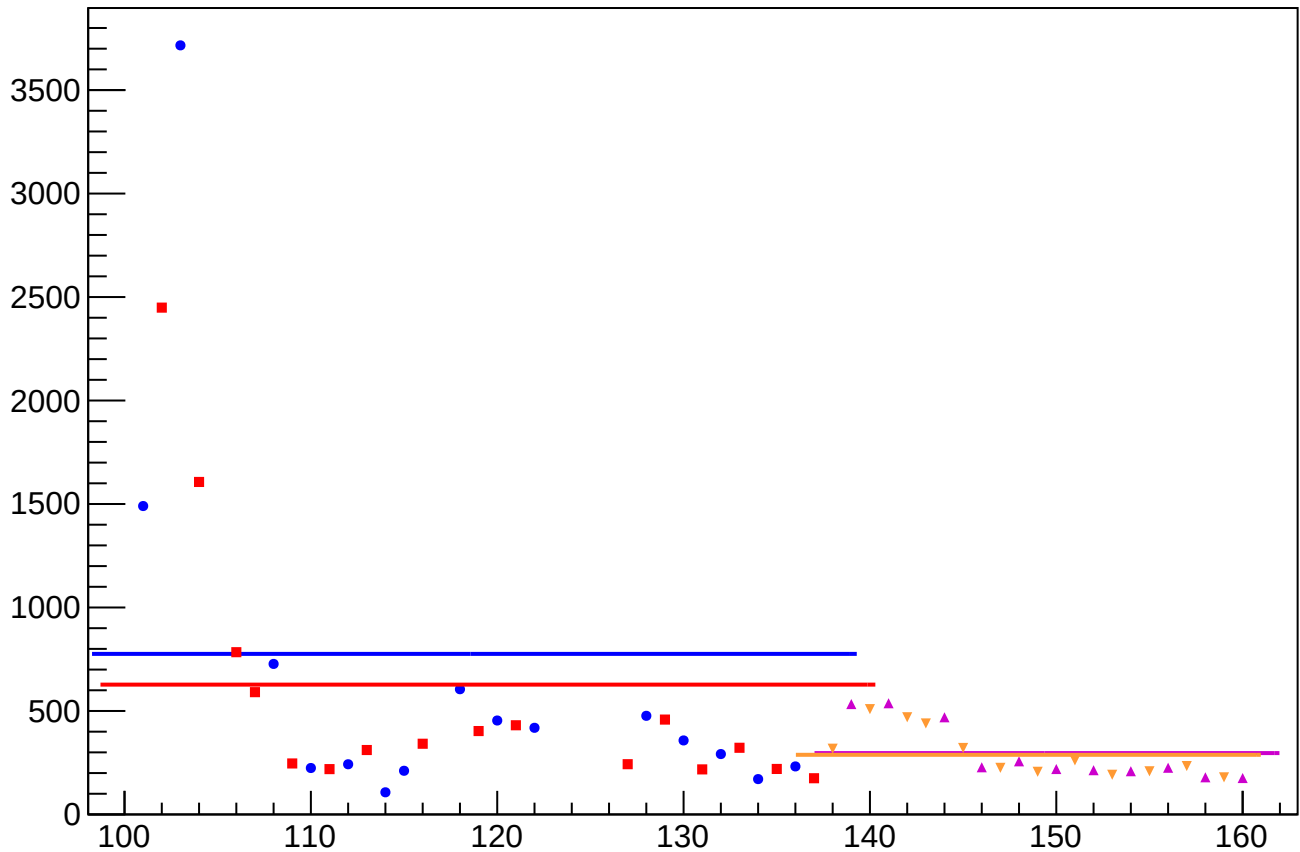
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14
 Left Out: -6634.457 ± 0.000 χ^2/NDF : 3640150880403299784339543756995645407232.0/11
 Right Out: -4156.859 ± 0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15
 Left In: -6631.377 ± 0.000 χ^2/NDF : 2831140540306304869921468245145345327104.0/10
 All: -5683.850 ± 0.000 χ^2/NDF : 9170111031
 + sign -5775.333 ± 0.000 χ^2/NDF : 4093261338391
 - sign -5593.977 ± 0.000 χ^2/NDF : 50742565096238

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF : 10607349218435095296400376728725225472.0/11

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

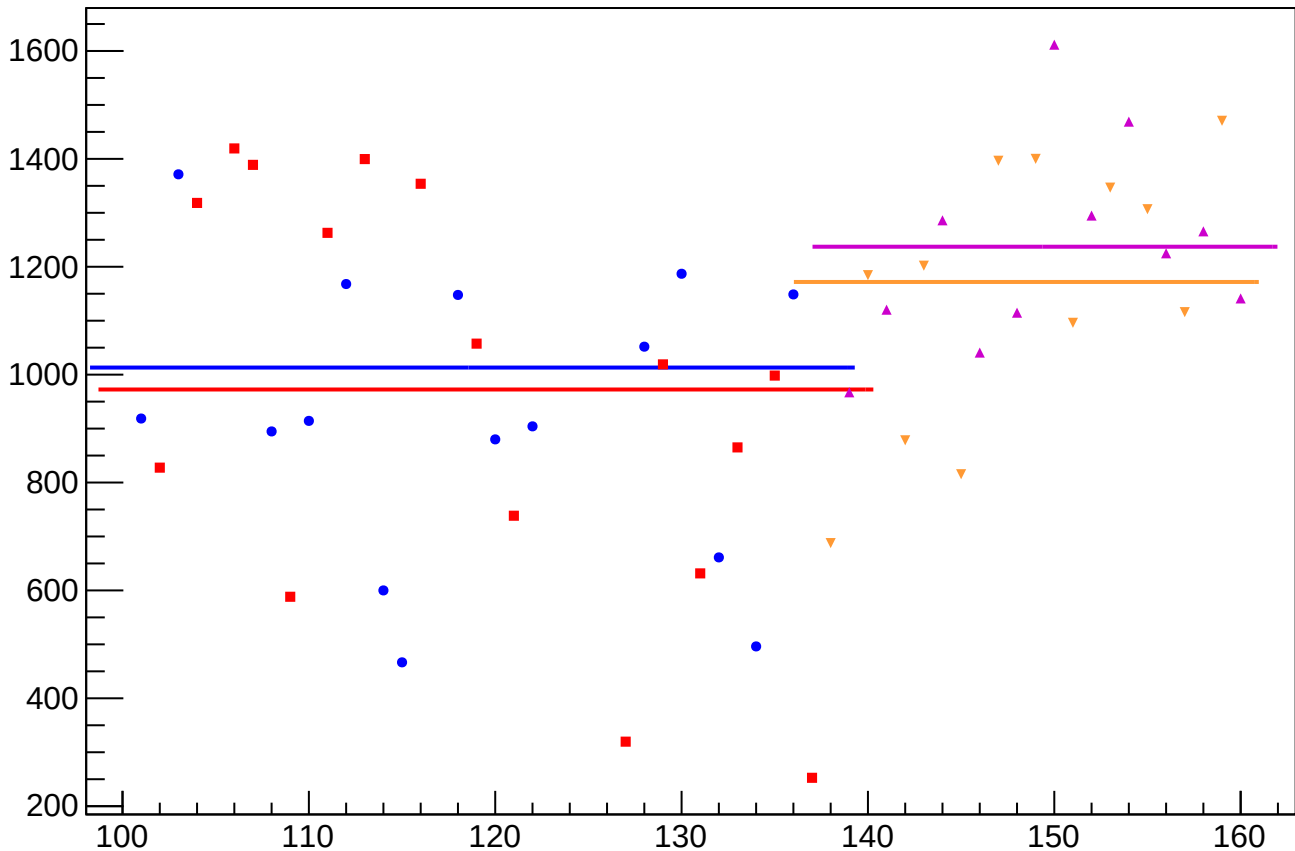
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 110209251468

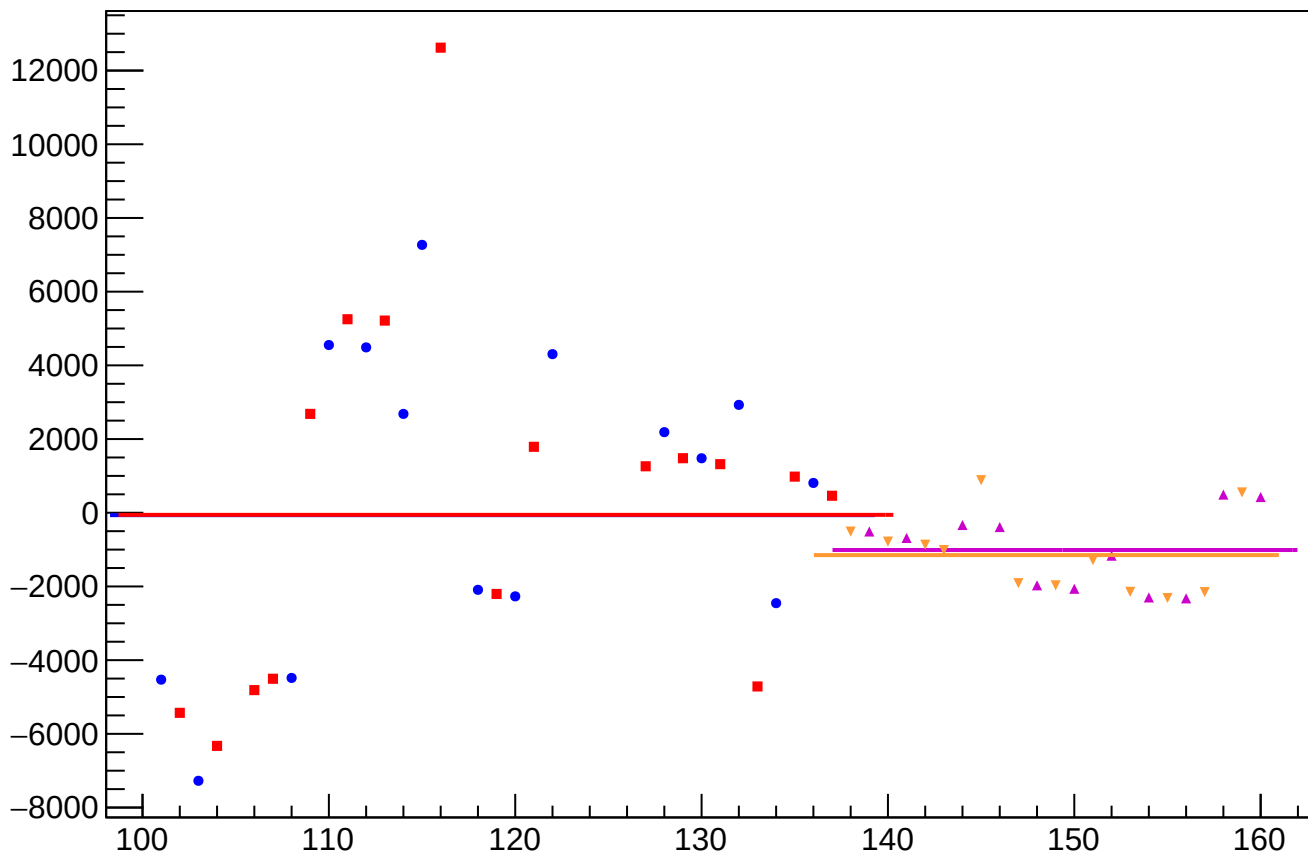
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -1149.036+/-0.000 χ^2/NDF : 977384281251527862797157265716912586752.0/11

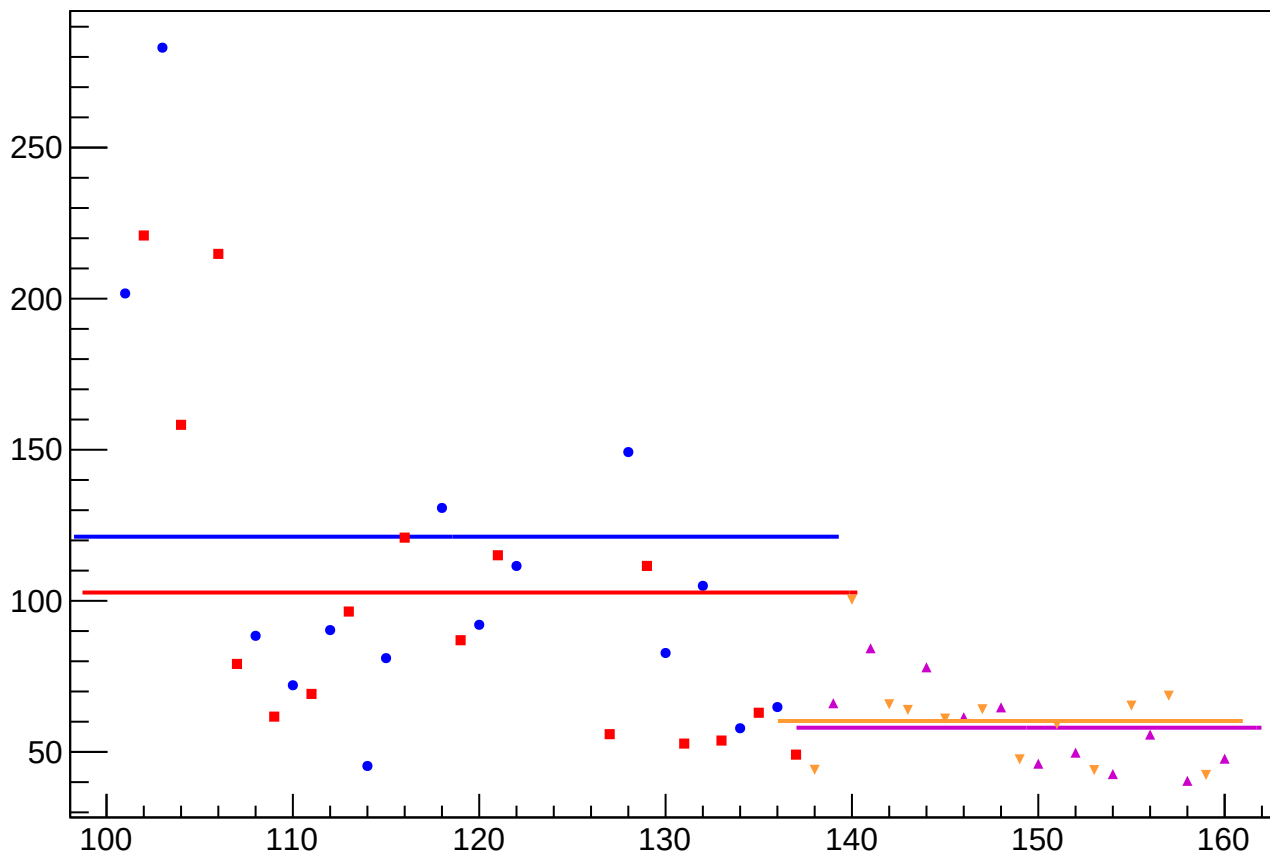
Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

All: -654.674+/-0.000 χ^2/NDF : 26081295906

- sign -611.312+/-0.000 χ^2/NDF : 150374623927280

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

+ sign 85.563+/-0.000 χ^2/NDF : 4359921672162242

Left Out: 60.239+/-0.000 χ^2/NDF : 225102554491032869548797845500329984.0/11

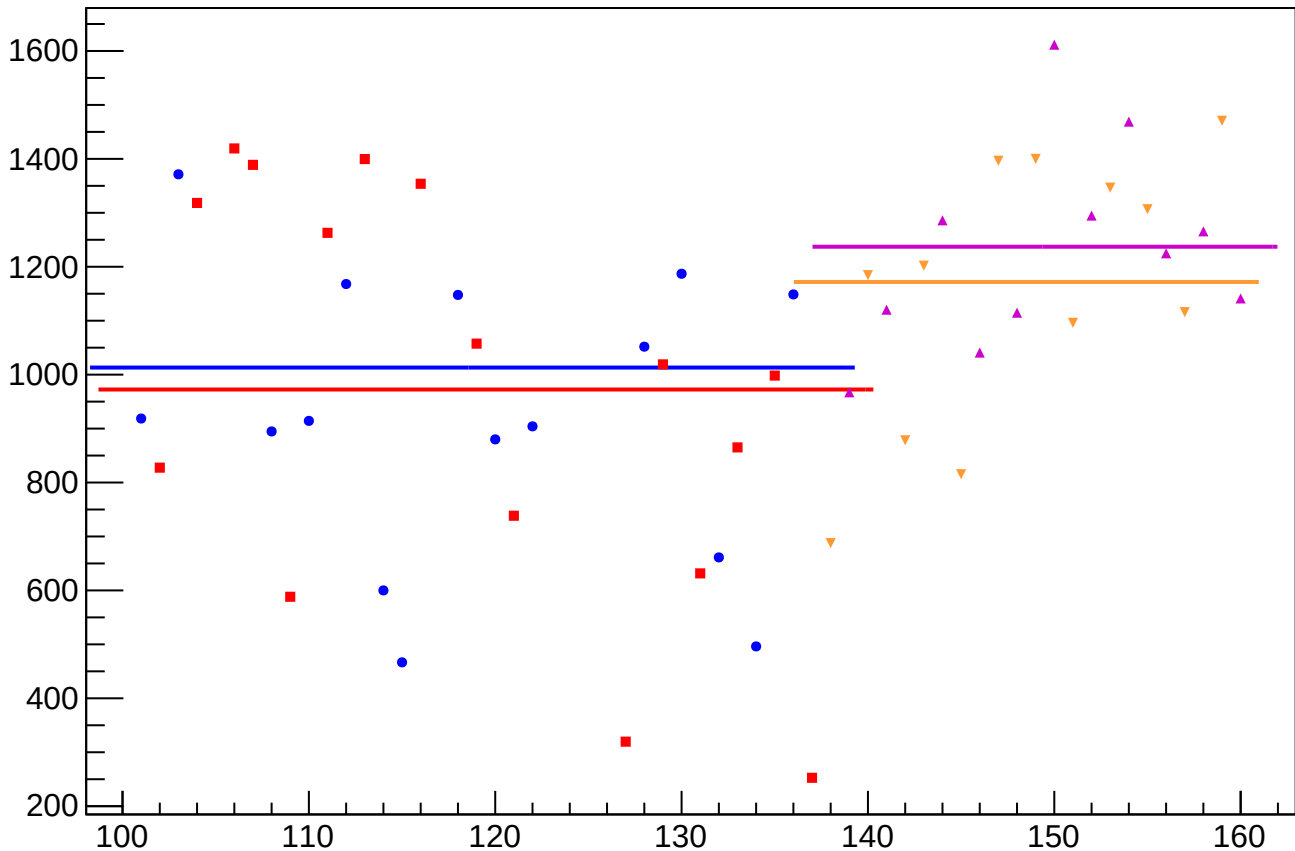
All: 81.126+/-0.000 χ^2/NDF : 7341366605629

Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

- sign 76.766+/-0.000 χ^2/NDF : 2920429745013475

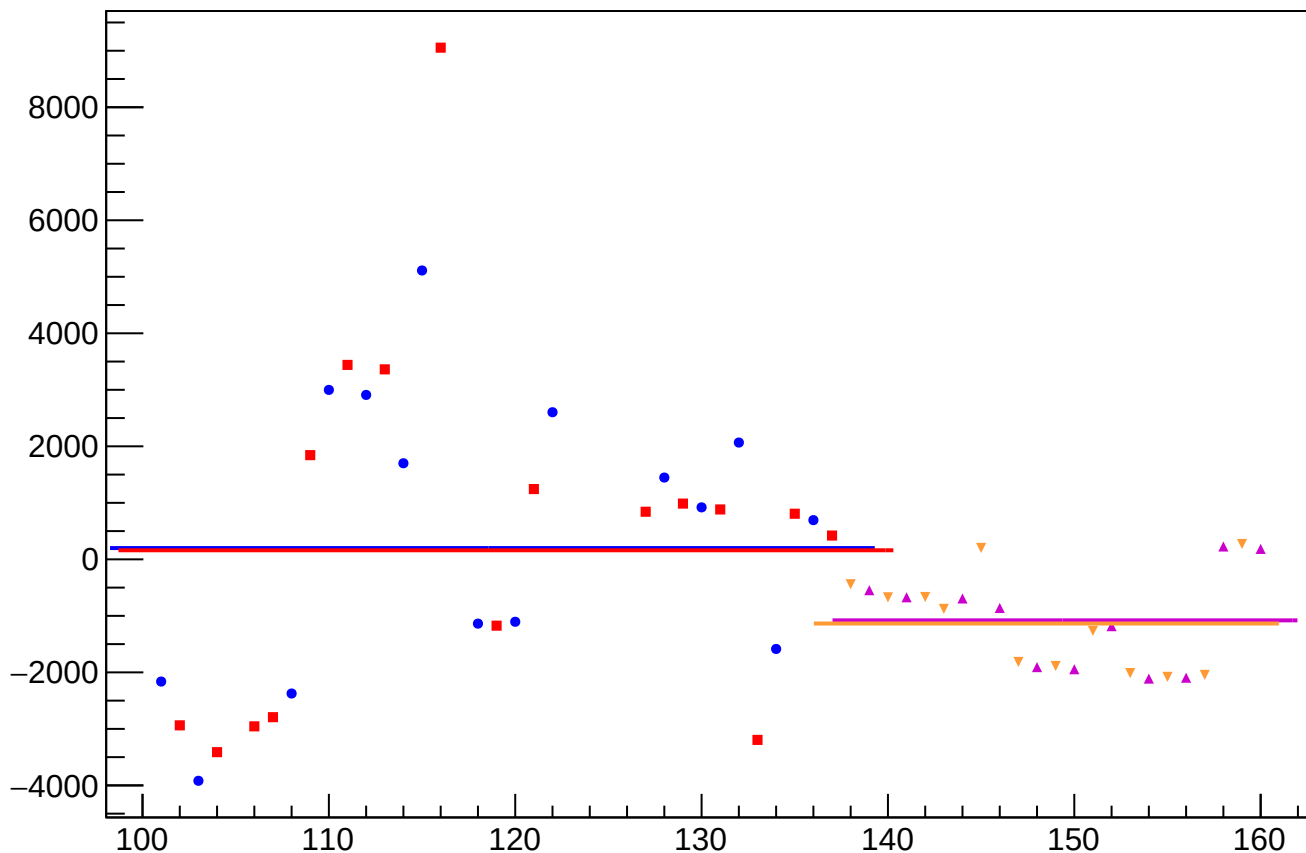
Left In: 58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14

+ sign -581.144+/-0.000 χ^2/NDF : 45992004244900

Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11

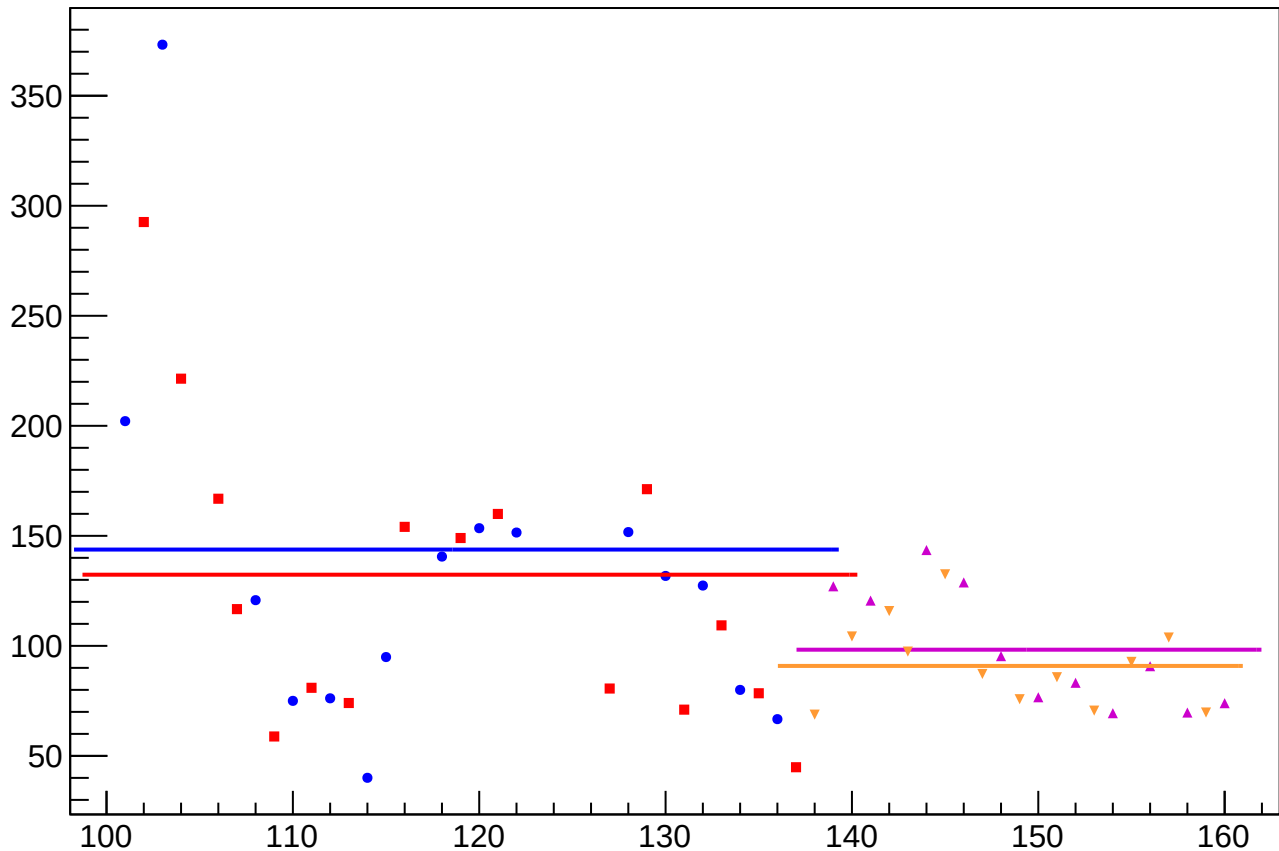
All: -570.315+/-0.000 χ^2/NDF : 11490561476

Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

- sign -559.678+/-0.000 χ^2/NDF : 689099774035240

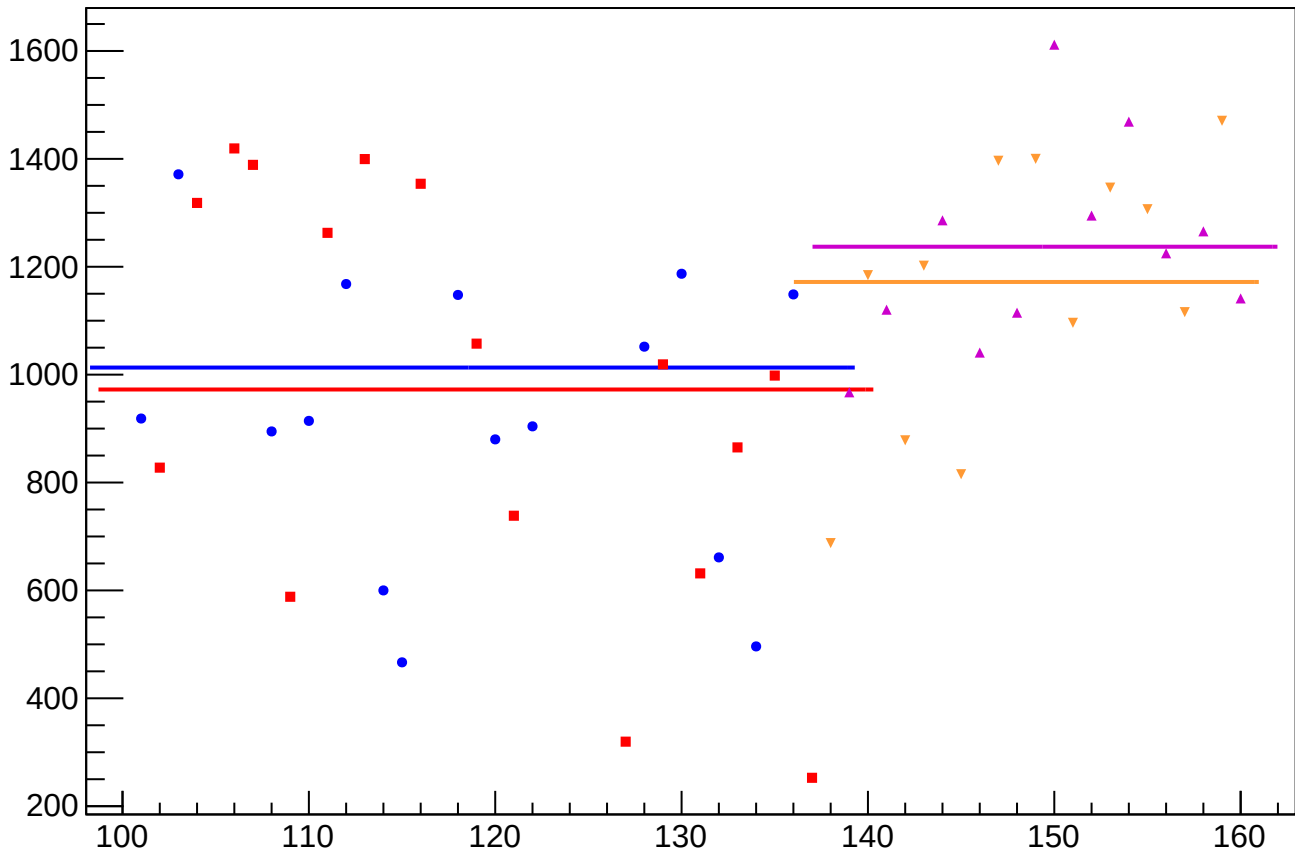
Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



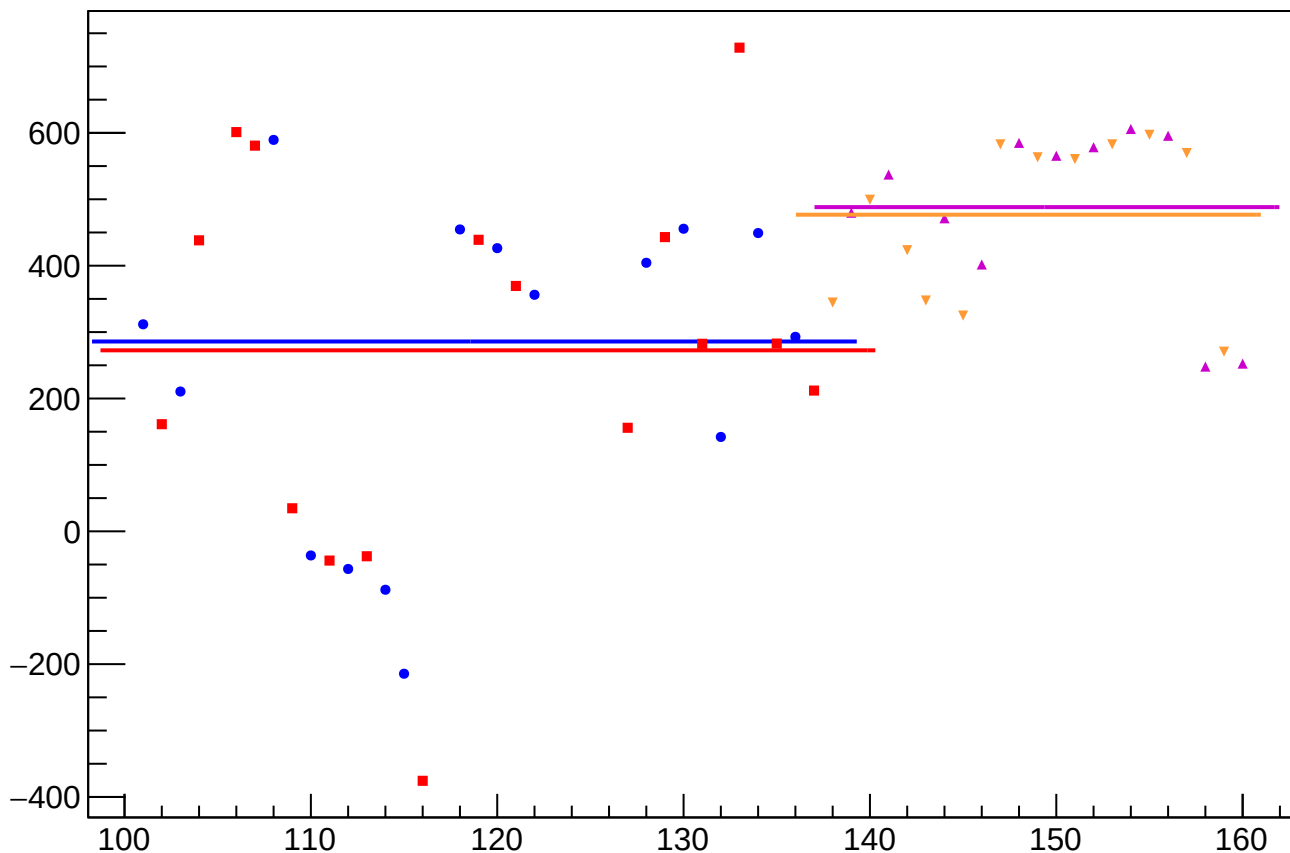
Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14
 Left Out: 90.882 $\pm$ 0.000 χ^2 /NDF: 326242734851411629220497356388040704.0/11
 Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15
 Left In: 98.257 $\pm$ 0.000 χ^2 /NDF: 6209937767730933933033369428470792192.0/10
 All: 112.691 $\pm$ 0.000 χ^2 /NDF: 101475107783
 + sign 112.840 $\pm$ 0.000 χ^2 /NDF: 590235067464096
 - sign 112.546 $\pm$ 0.000 χ^2 /NDF: 424509210993955

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 476.795+/-0.000 χ^2/NDF : 12695994824288000465906190934597435392.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

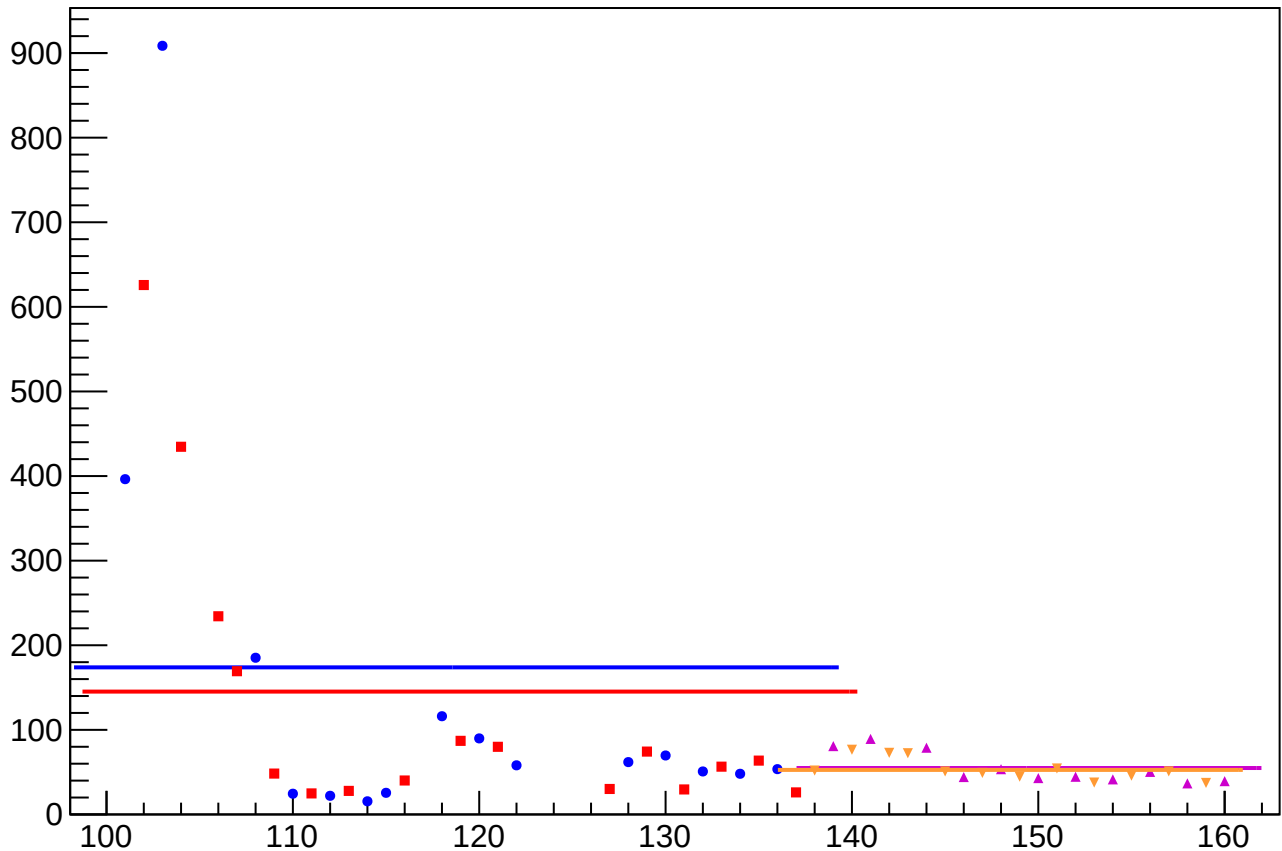
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 397.512+/-0.000 χ^2/NDF : 506405806110630

All: 397.652+/-0.000 χ^2/NDF : 126636598673

- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF : 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11

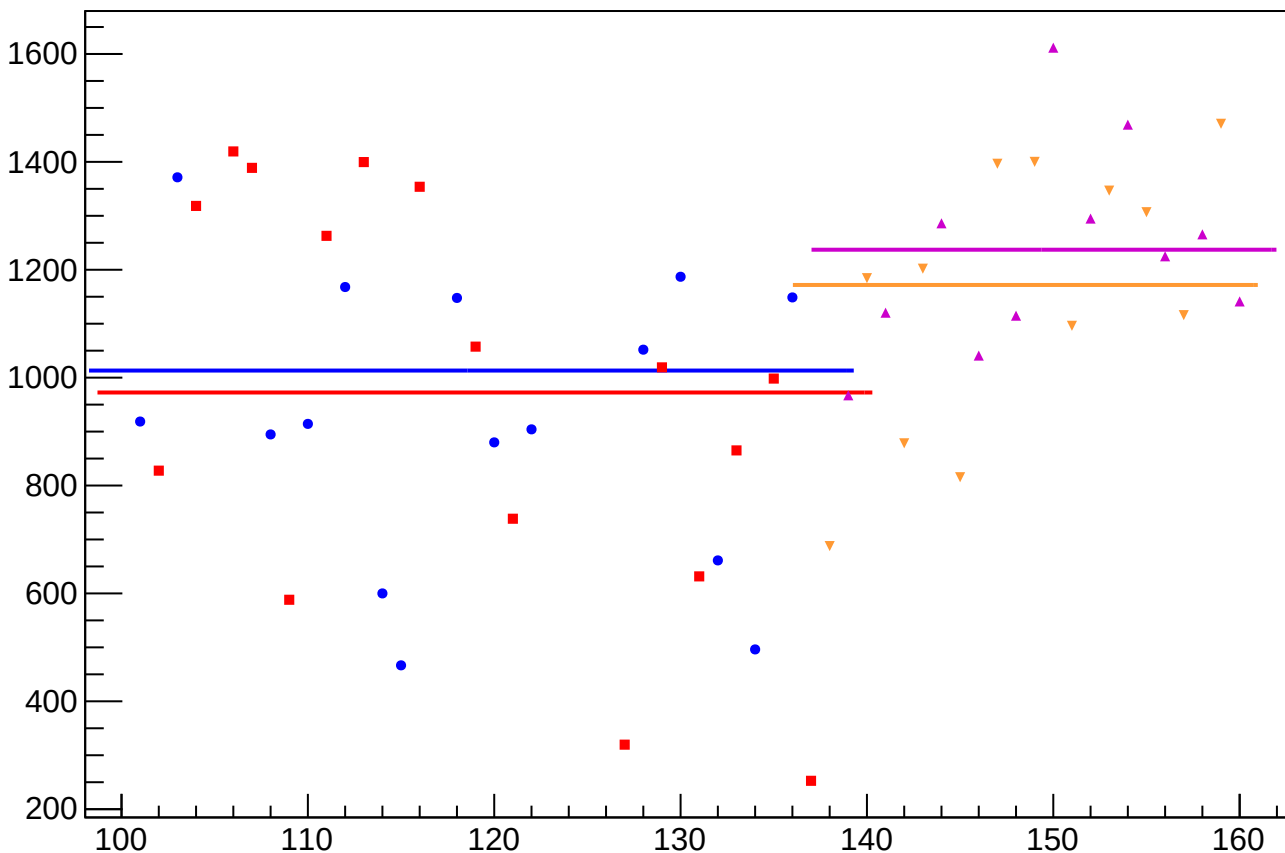
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF : 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

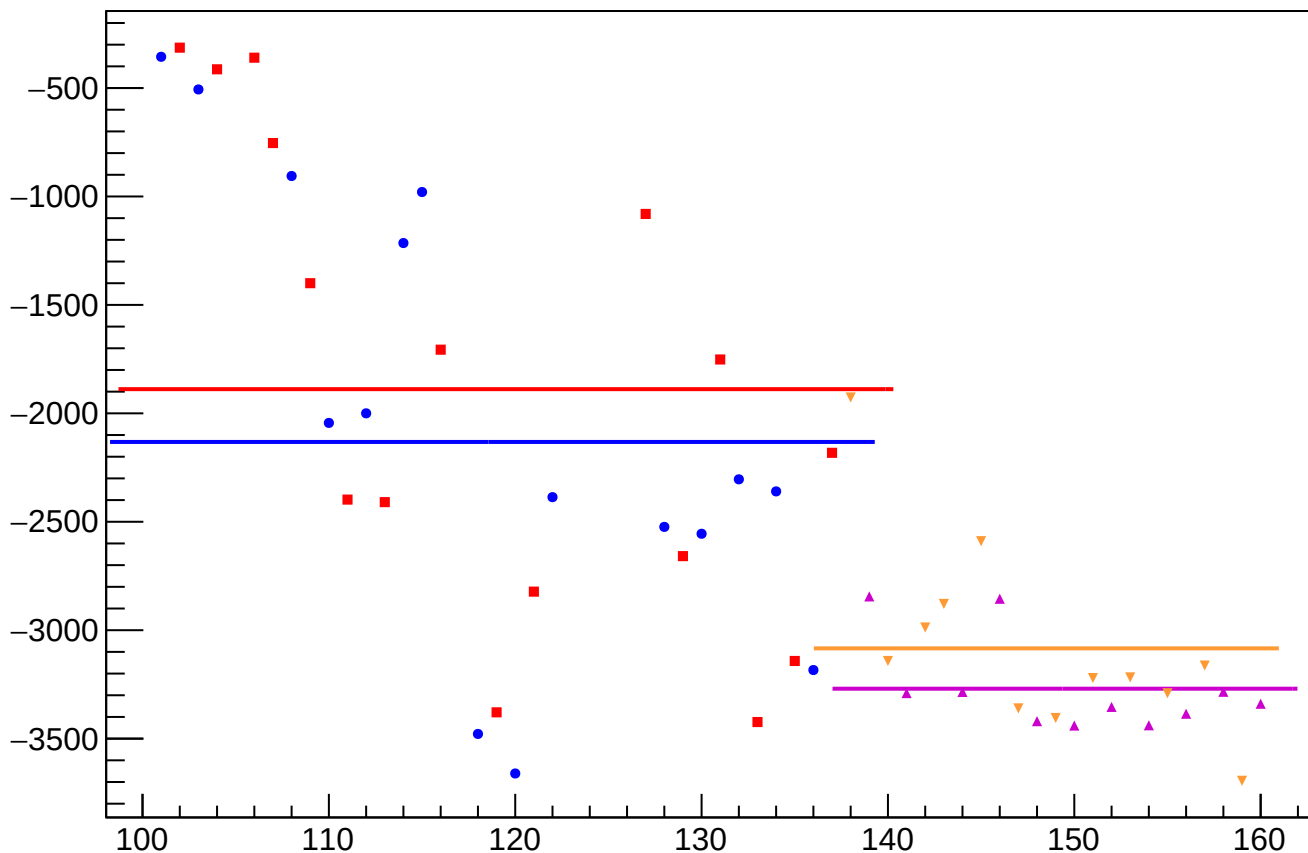
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

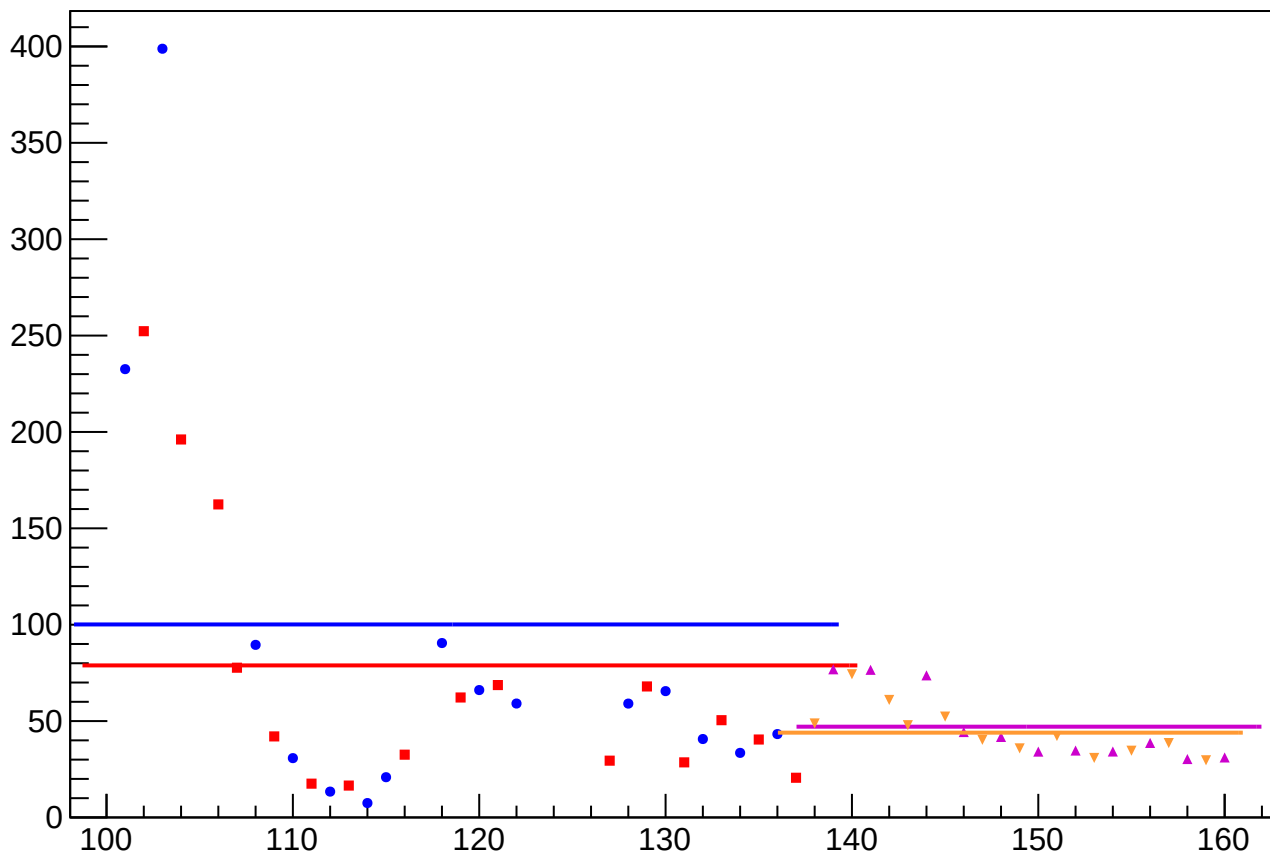
dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14
Left Out: -3083.729+/-0.000	χ^2/NDF : 178322677856663824149309206068860026880.0/11
Right Out: -1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15
Left In: -3269.755+/-0.000	χ^2/NDF : 38098096180391062431092176239781216256.0/10

+ sign -2688.506+/-0.000 χ^2/NDF : 1244586997830
 All: -2689.595+/-0.000 χ^2/NDF : 2813784024
 - sign -2690.665+/-0.000 χ^2/NDF : 1569193348626

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 43.994+/-0.000 χ^2/NDF : 144038877087981194806470678002270208.0/11

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

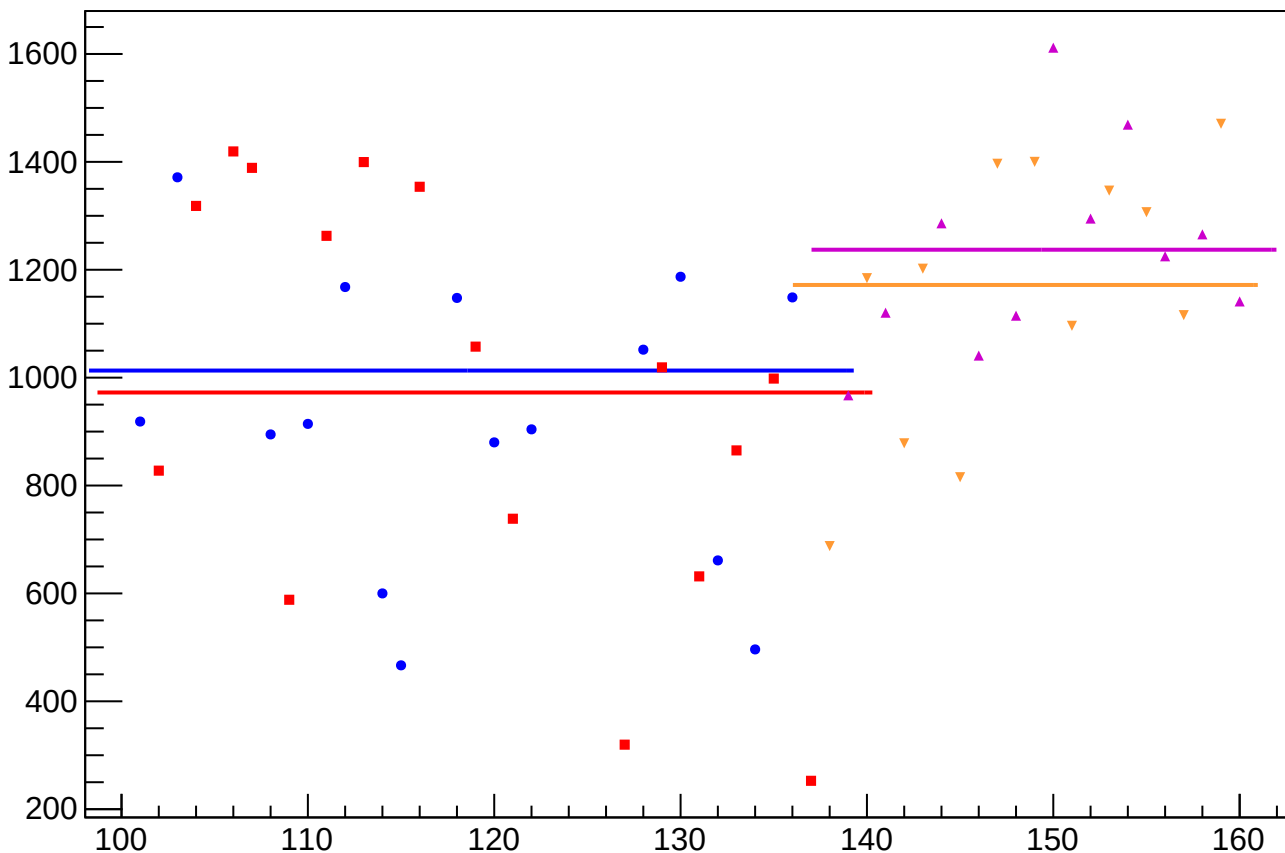
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.306+/-0.000 χ^2/NDF : 9154119203552440

All: 63.832+/-0.000 χ^2/NDF : 1341063315555

- sign 60.419+/-0.000 χ^2/NDF : 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

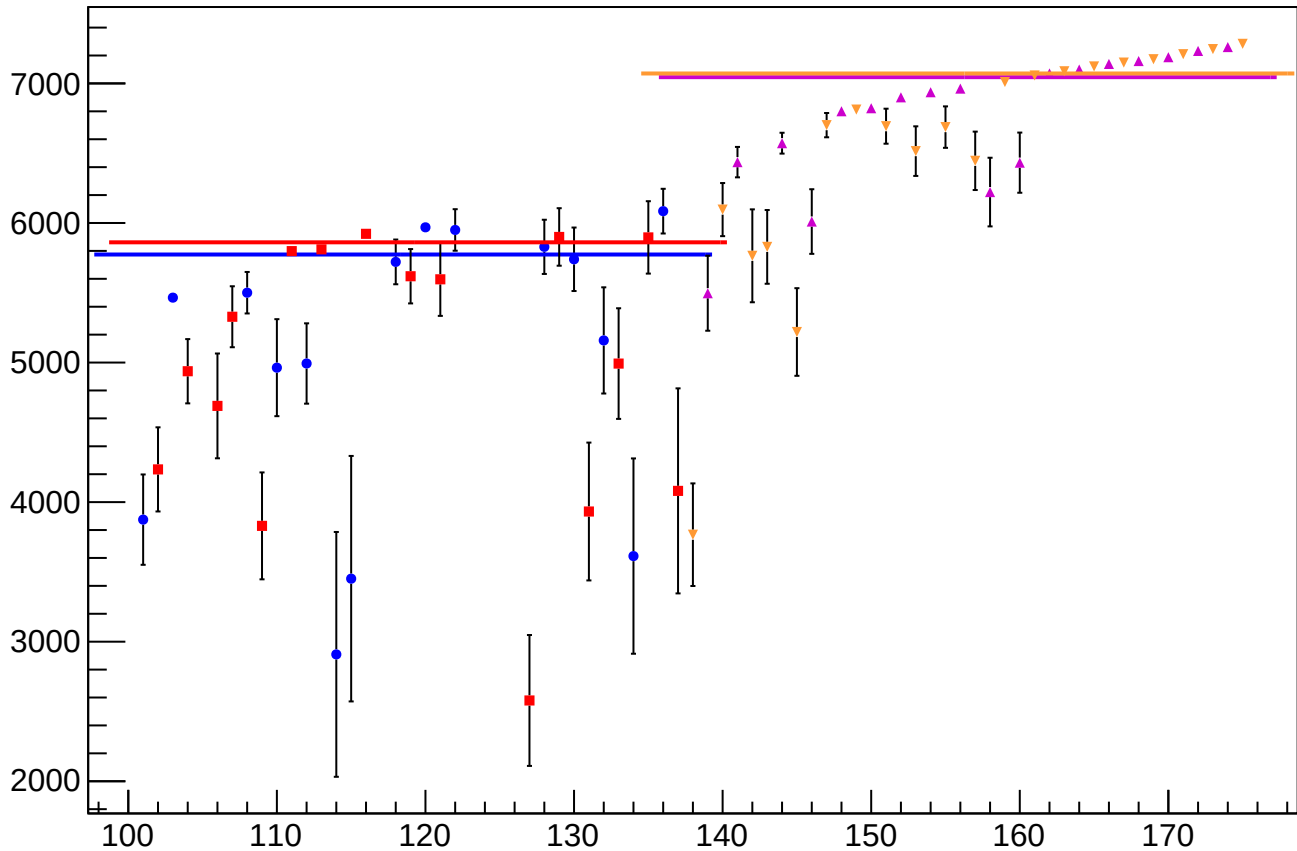
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7071.193 $\pm$ 0.142 χ^2 /NDF: 1110200.8/19

+ sign 6578.995 $\pm$ 0.112 χ^2 /NDF: 34645689.2/34

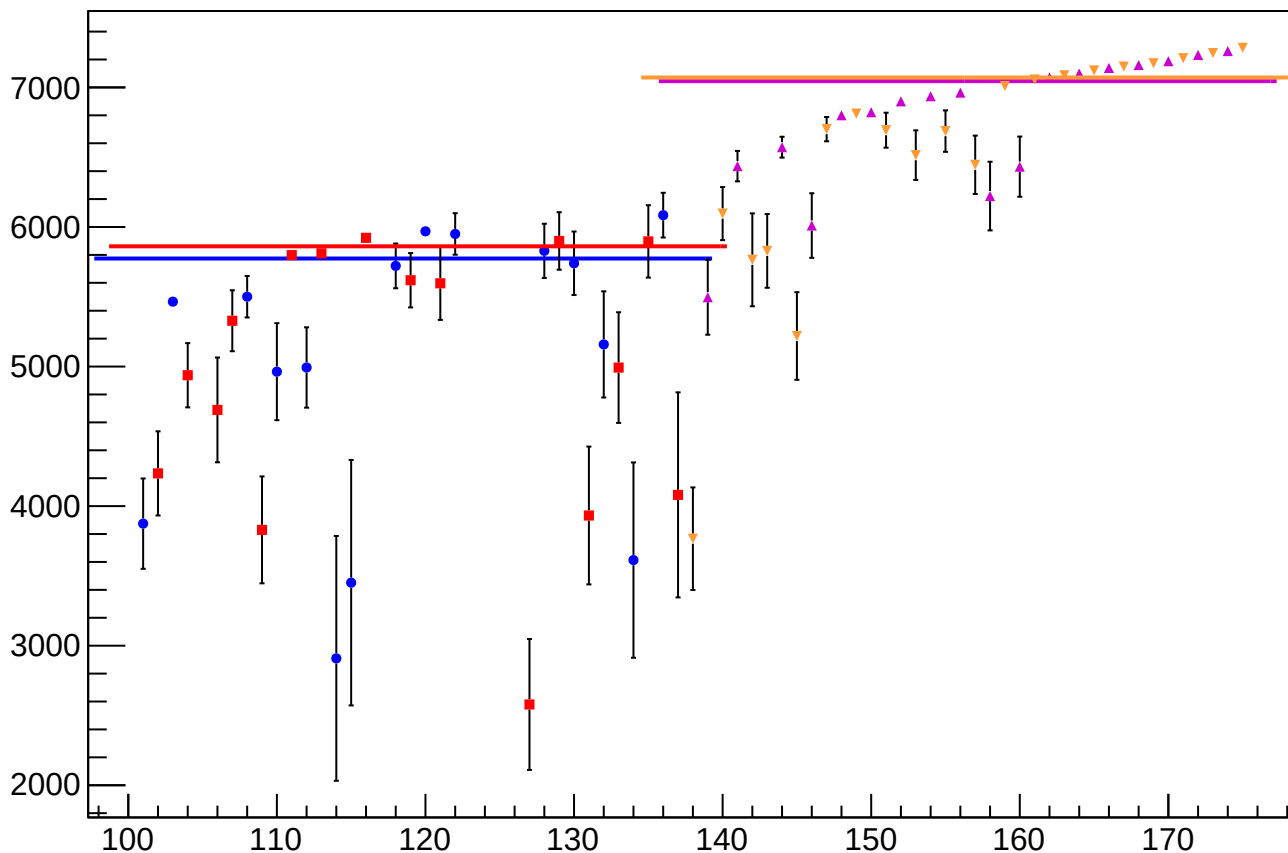
Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

All: 6572.515 $\pm$ 0.069 χ^2 /NDF: 79783479.7/6

Left In: 7044.825 $\pm$ 0.115 χ^2 /NDF: 2007521.4/17

- sign 6568.447 $\pm$ 0.089 χ^2 /NDF: 45132319.6/33

dit_run_rms vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7071.193 $\pm$ 0.142 χ^2 /NDF: 1110200.8/19

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

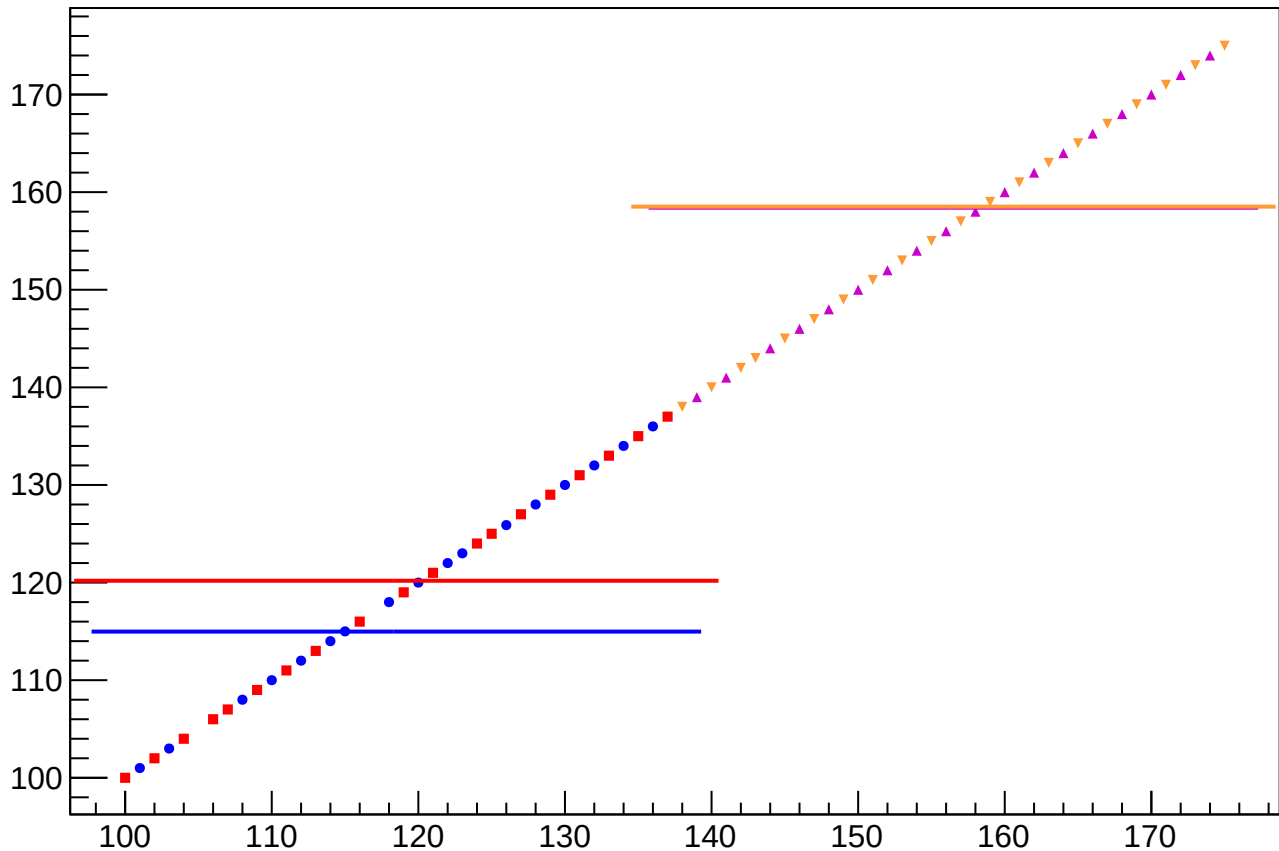
Left In: 7044.825 $\pm$ 0.115 χ^2 /NDF: 2007521.4/17

+ sign 6578.995 $\pm$ 0.112 χ^2 /NDF: 34645689.2/34

All: 6572.515 $\pm$ 0.069 χ^2 /NDF: 79783479.7/6

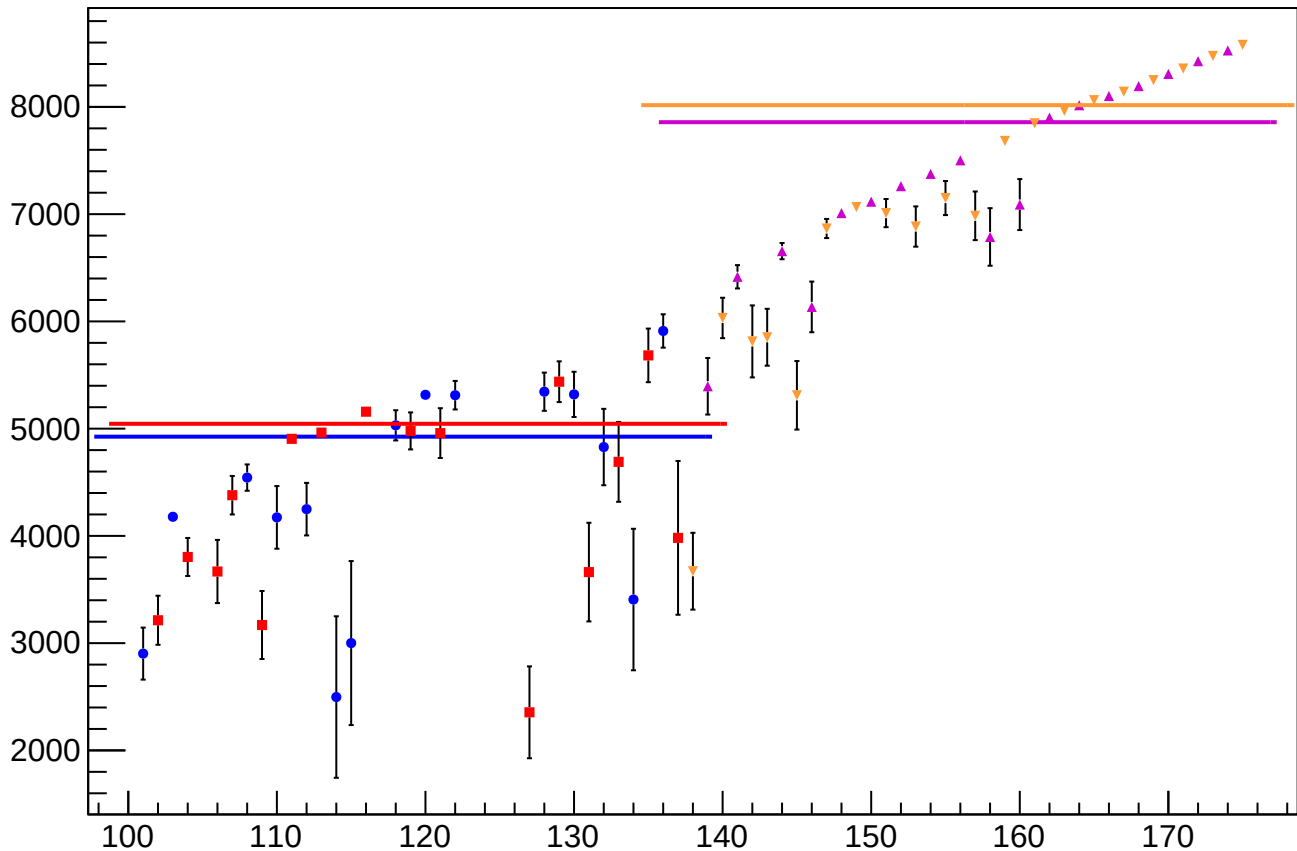
- sign 6568.447 $\pm$ 0.089 χ^2 /NDF: 45132319.6/33

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 158.516+/-0.000 χ^2/NDF : 81132188890785263948948767244288.0/19
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 158.404+/-0.000 χ^2/NDF : 87797270339182933586970960461824.0/17

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 8016.556+/-0.524 χ^2/NDF : 721960.3/19

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

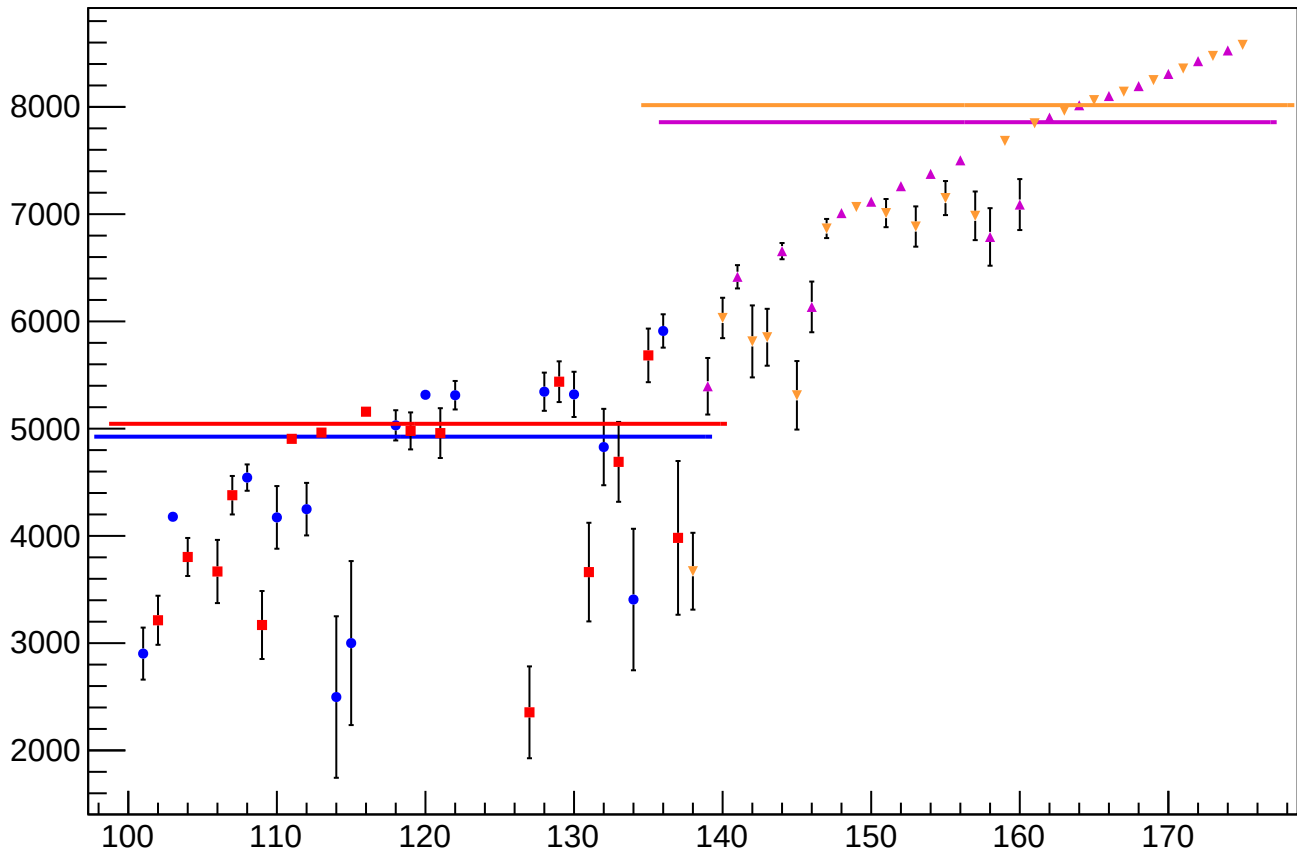
Left In: 7857.566+/-0.468 χ^2/NDF : 1171564.9/17

+ sign 7281.497+/-0.458 χ^2/NDF : 9318896.0/34

All: 7075.569+/-0.294 χ^2/NDF : 22756981.6/6

- sign 6931.176+/-0.383 χ^2/NDF : 13093781.8/33

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 $\chi^2/NDF: 330994.6/14$

Left Out: 8016.556 ± 0.524 $\chi^2/NDF: 721960.3/19$

Right Out: 5045.221 ± 0.668 $\chi^2/NDF: 30179.9/15$

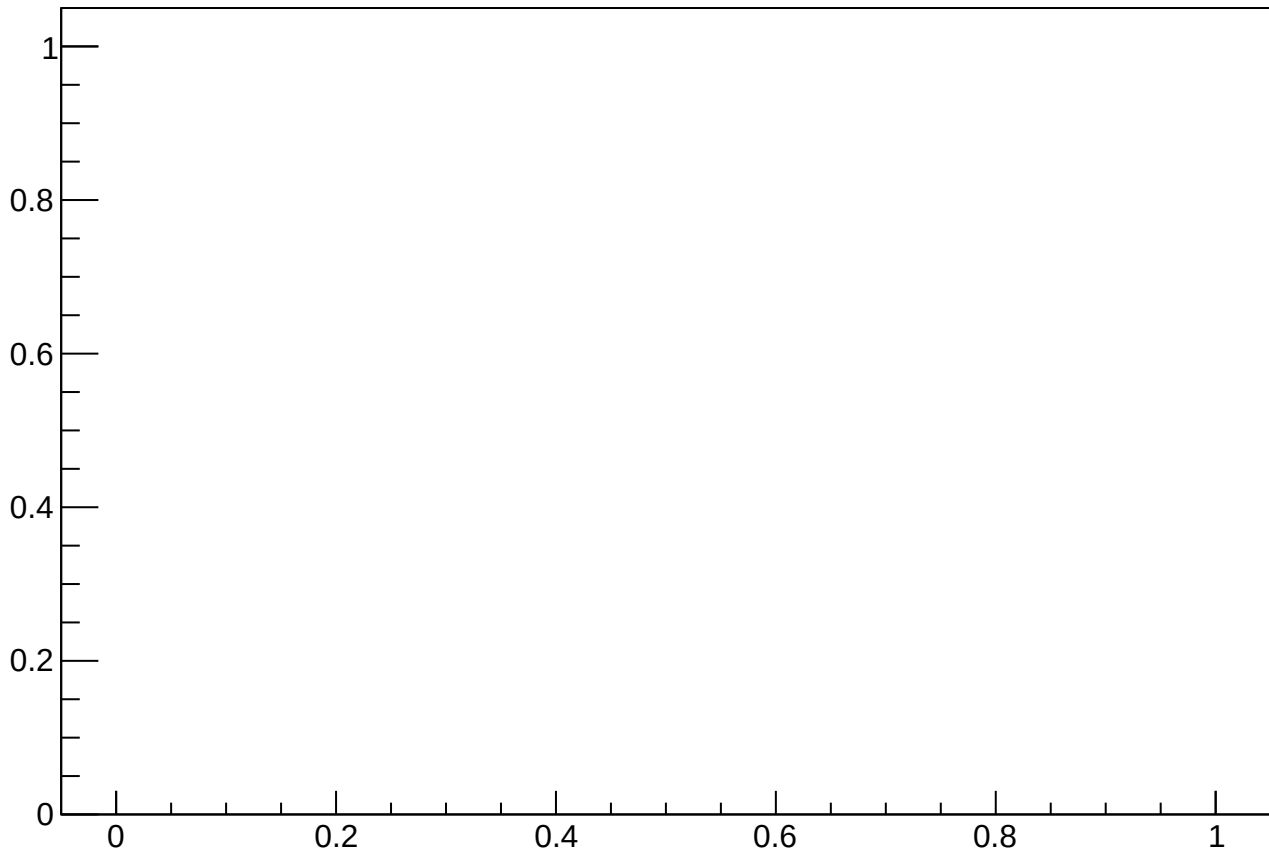
Left In: 7857.566 ± 0.468 $\chi^2/NDF: 1171564.9/17$

+ sign 7281.497 ± 0.458 $\chi^2/NDF: 9318896.0/34$

All: 7075.569 ± 0.294 $\chi^2/NDF: 22756981.6/6$

- sign 6931.176 ± 0.383 $\chi^2/NDF: 13093781.8/33$

dit_scandata1_mean vs Slug



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

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

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

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

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

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

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

dit_scandata1_rms vs Slug



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

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

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

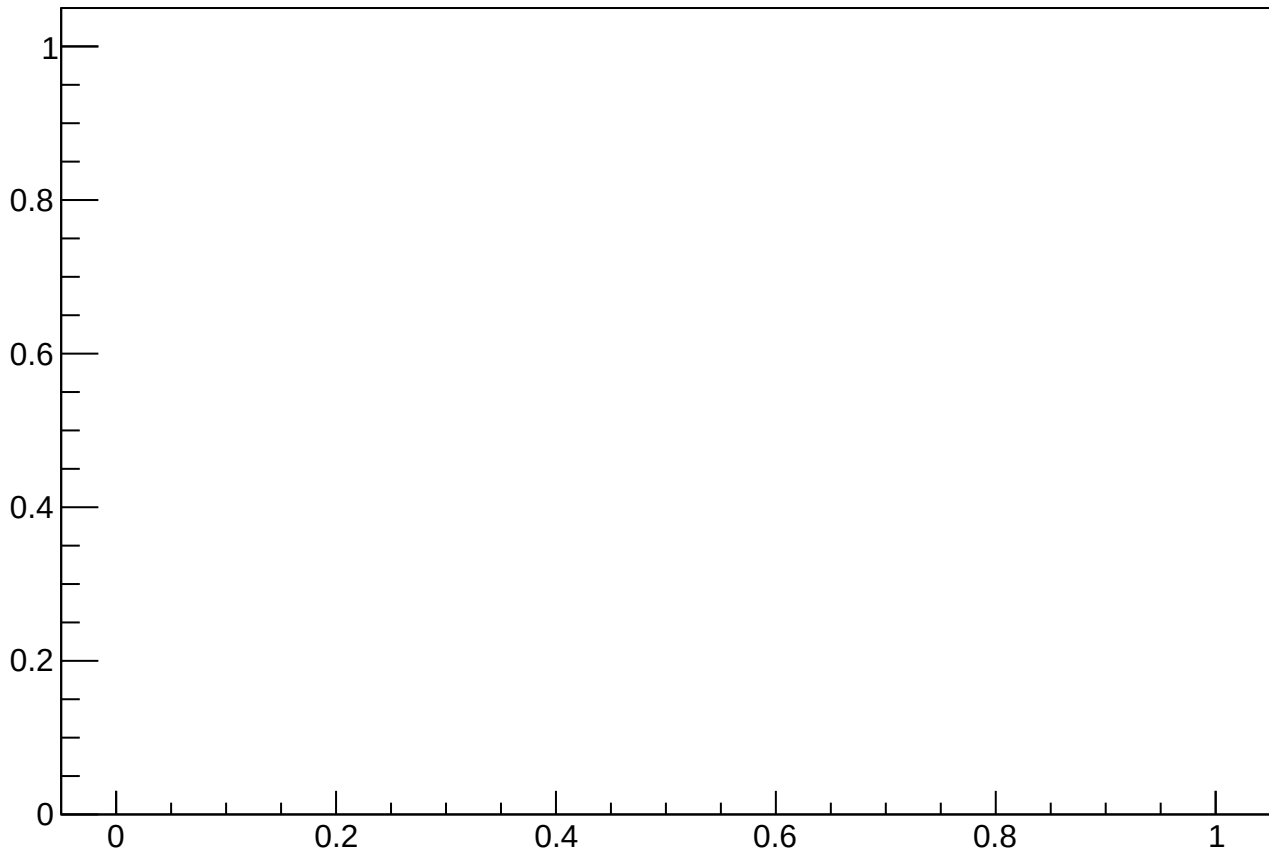
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



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

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

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

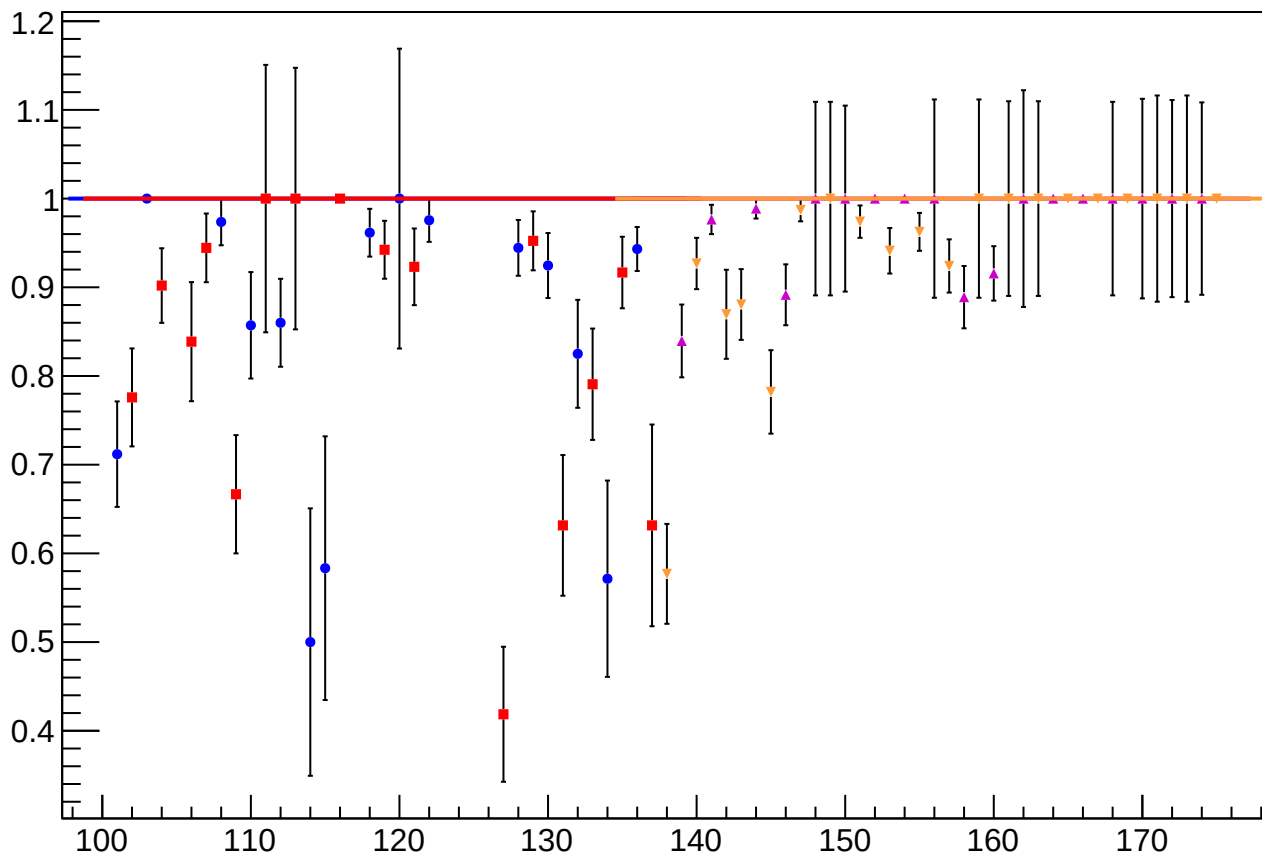
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/19

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

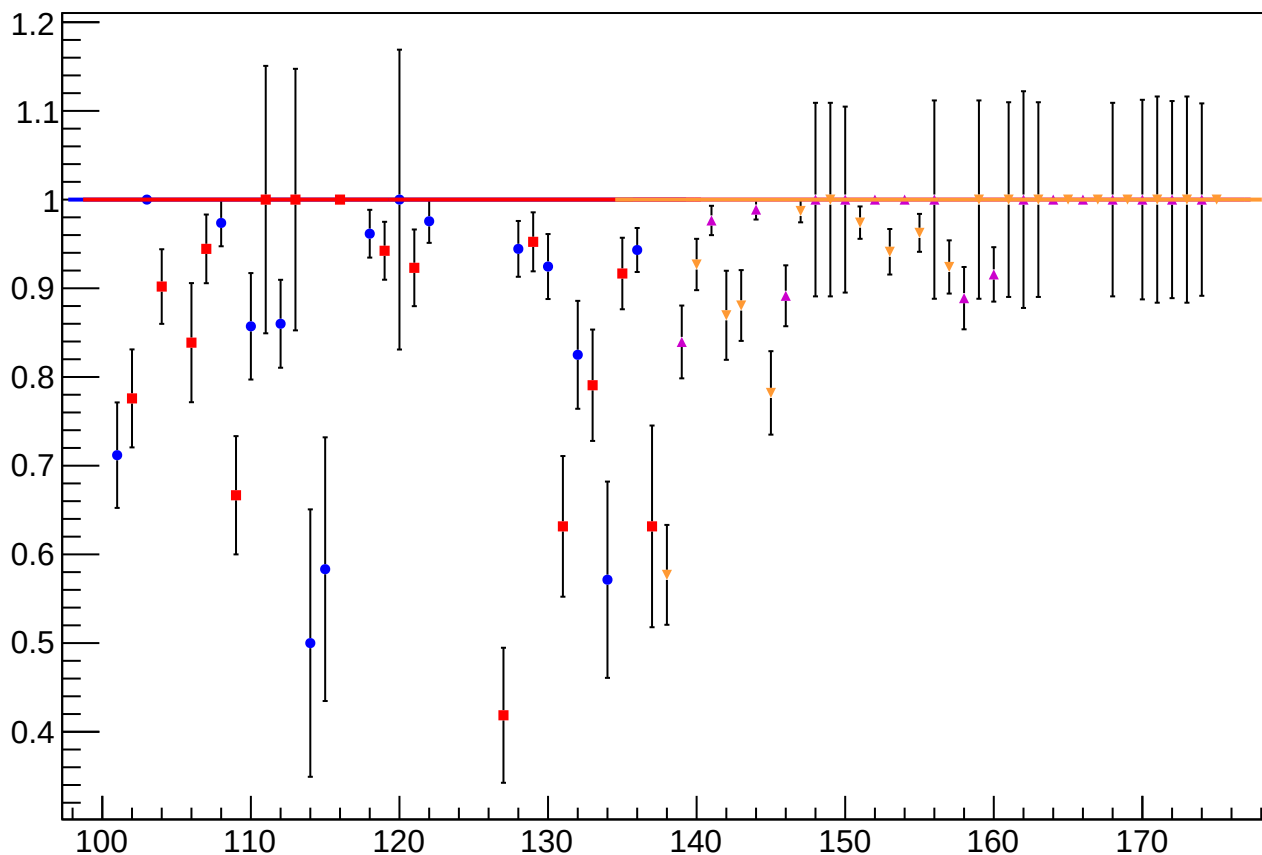
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/17

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/34

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1287.4/68

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/33

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/19

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

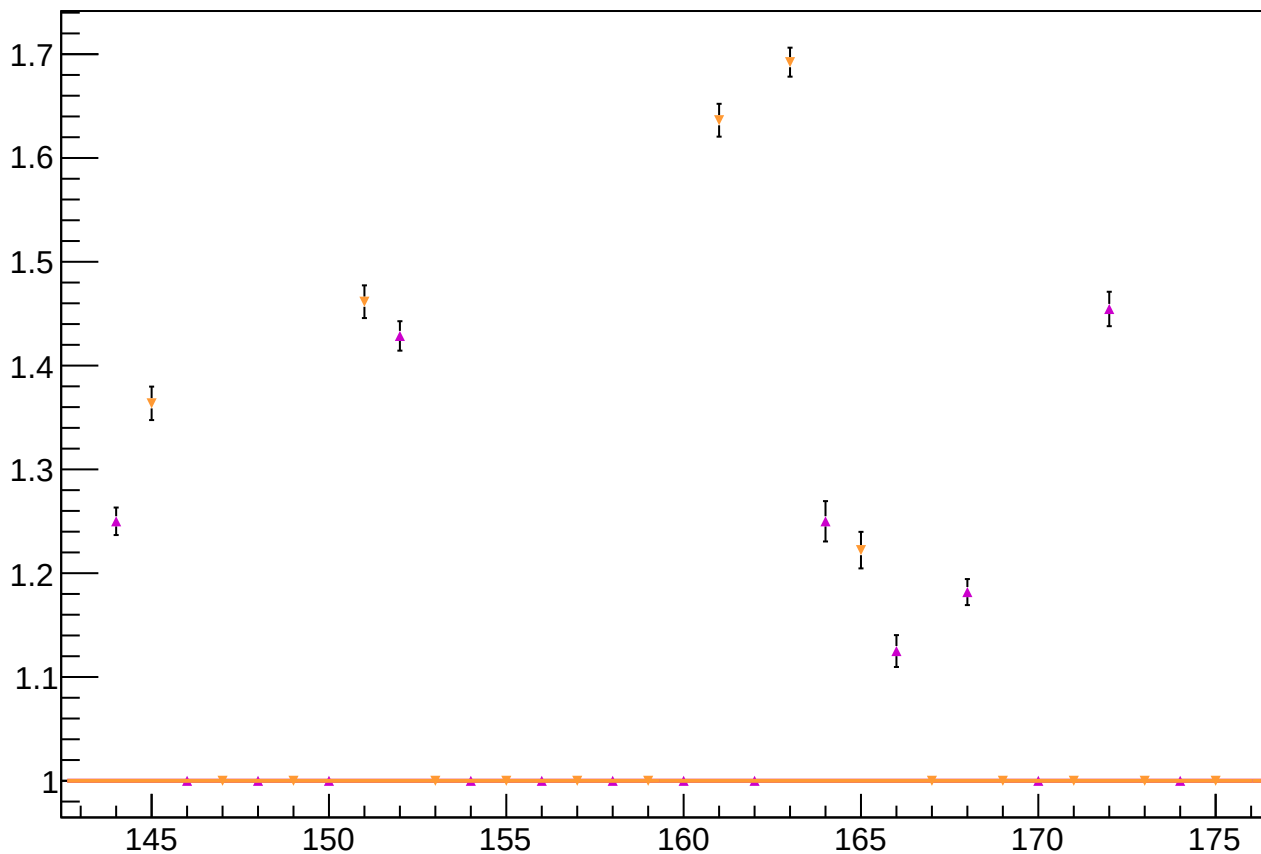
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/17

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/34

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1287.4/68

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/33

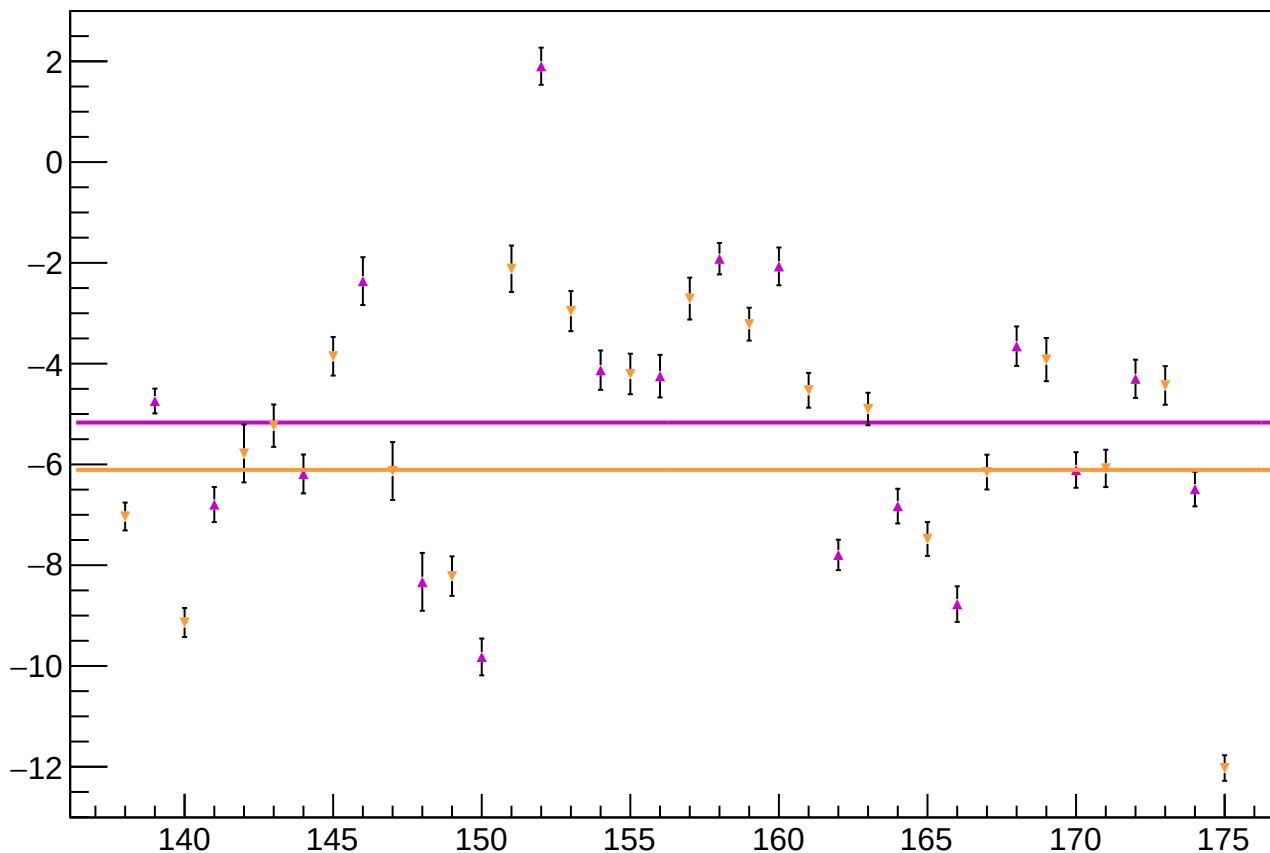
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF : 6485.6/15
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF : 3288.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 12161.4/31
- 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: -6.109+/-0.081 χ^2/NDF :1137.6/19

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

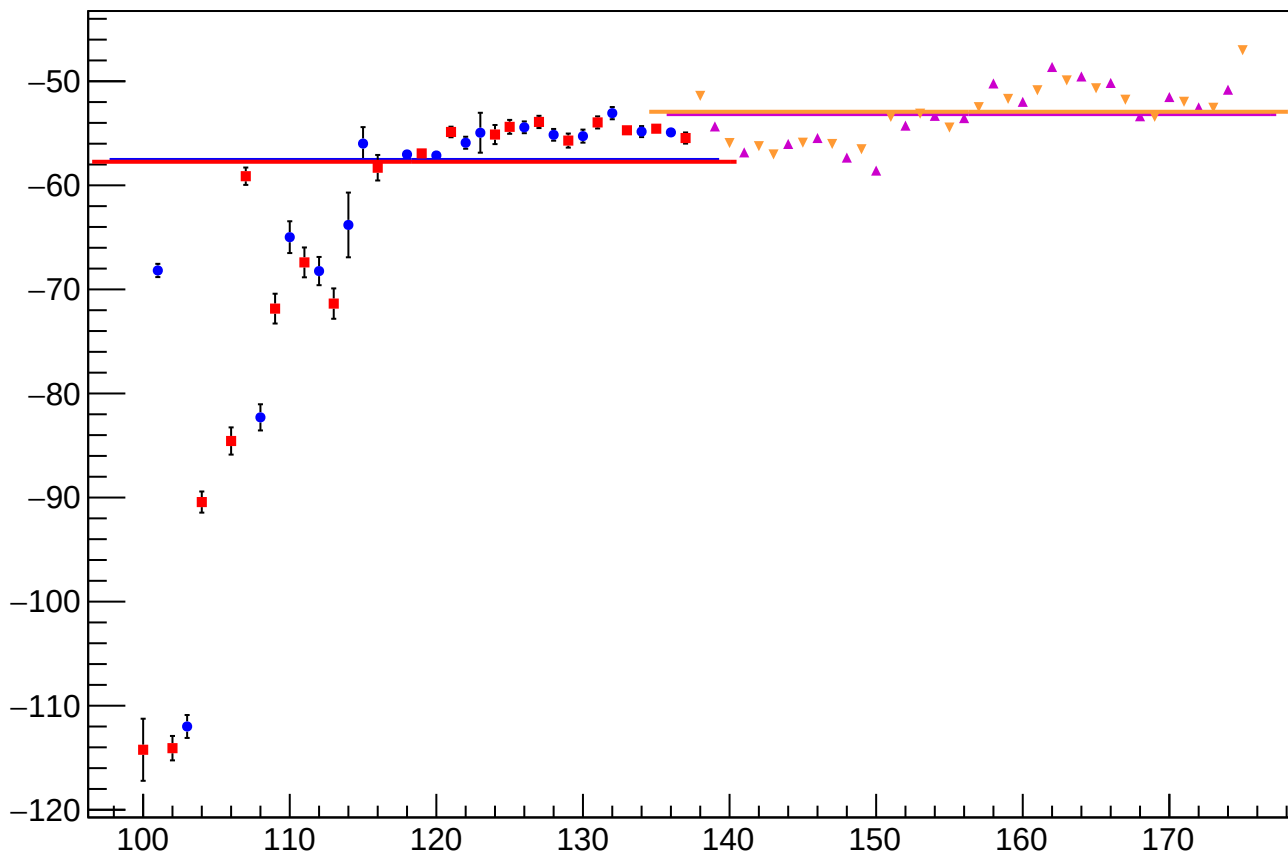
Left In: -5.169+/-0.084 χ^2/NDF :1062.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.658+/-0.058 χ^2/NDF : 2264.4/37

- 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: -52.932 ± 0.062 χ^2/NDF : 1818.3/19

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

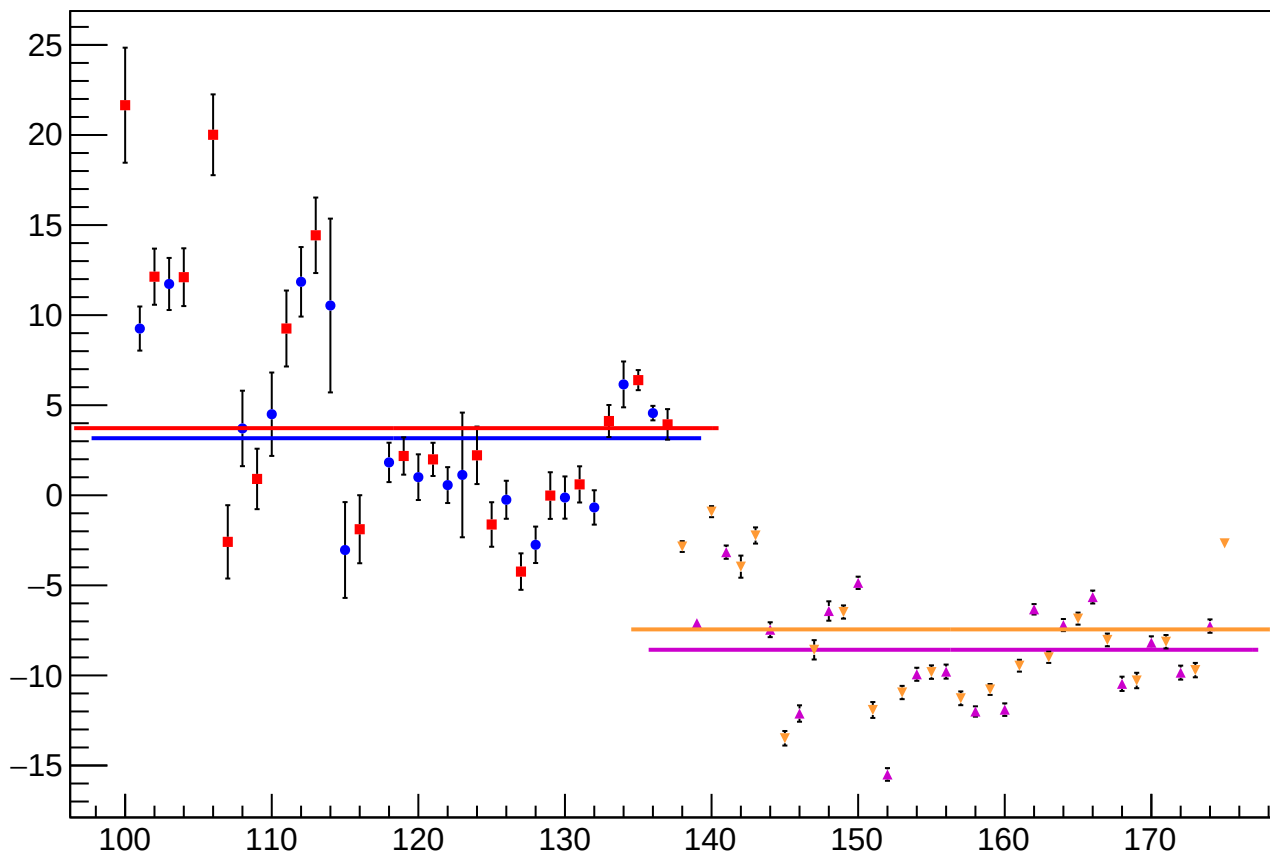
Left In: -53.158 ± 0.066 χ^2/NDF : 1990.3/17

+ sign -53.677 ± 0.057 χ^2/NDF : 6173.6/36

All: -53.808 ± 0.041 χ^2/NDF : 13720.2/73

- sign -53.953 ± 0.060 χ^2/NDF : 7535.5/36

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.445 ± 0.080 χ^2/NDF : 2049.7/19

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

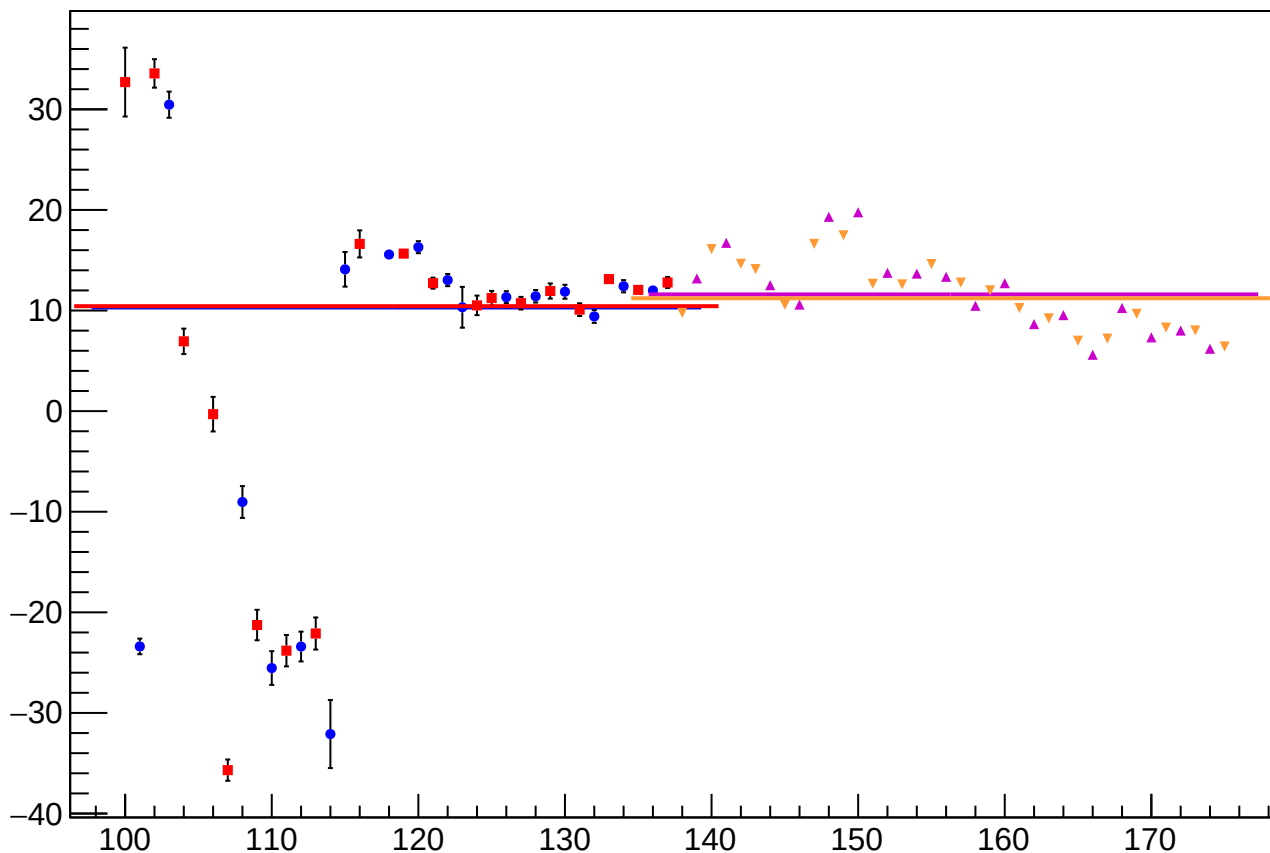
Left In: -8.576 ± 0.084 χ^2/NDF : 1279.7/17

+ sign -6.504 ± 0.077 χ^2/NDF : 3781.3/36

All: -6.973 ± 0.055 χ^2/NDF : 7394.4/73

- sign -7.480 ± 0.080 χ^2/NDF : 3535.4/36

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 11.222 $\pm$ 0.070 χ^2 /NDF: 2197.6/19

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

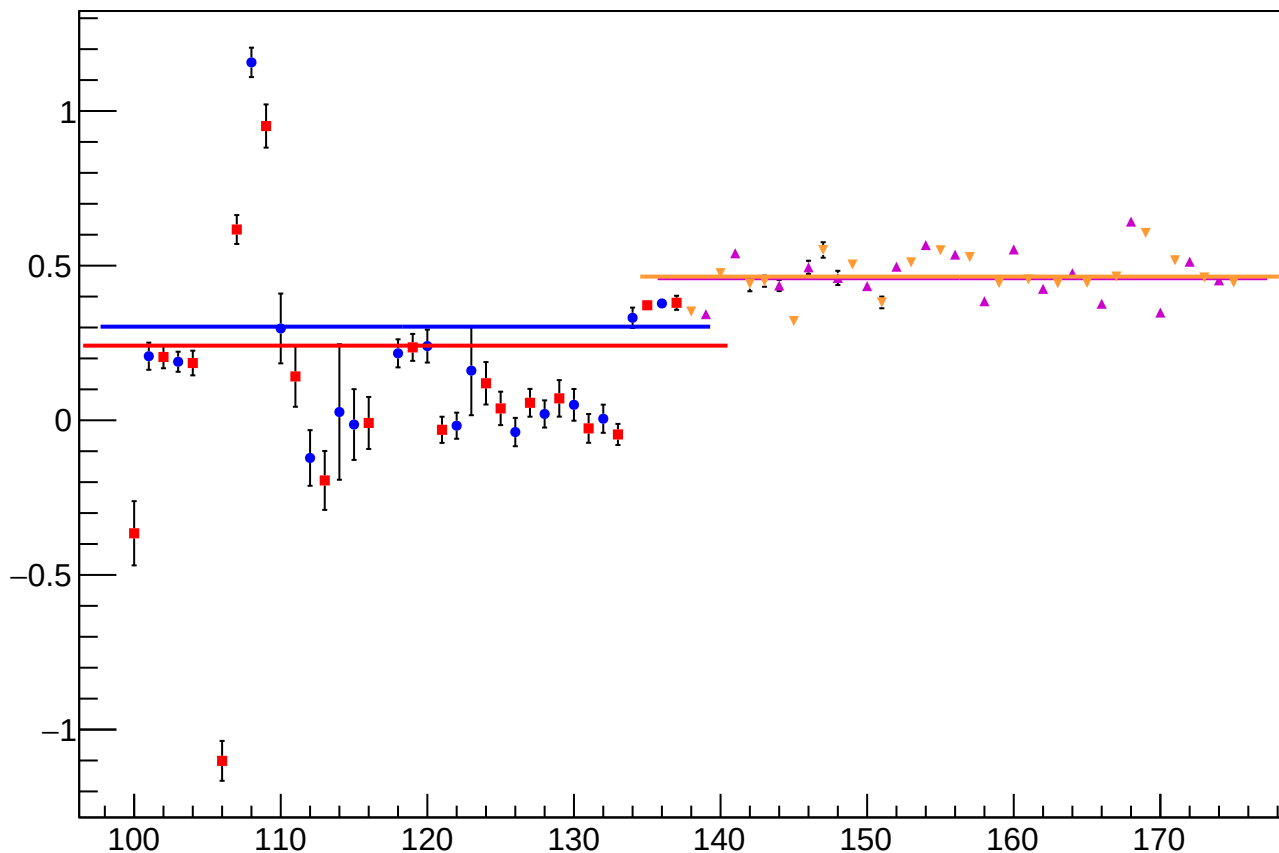
Left In: 11.603 $\pm$ 0.073 χ^2 /NDF: 2789.6/17

+ sign 11.071 $\pm$ 0.064 χ^2 /NDF: 5938.4/36

All: 11.228 $\pm$ 0.046 χ^2 /NDF: 12613.5/73

- sign 11.400 $\pm$ 0.067 χ^2 /NDF: 6662.4/36

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.465 ± 0.003 χ^2/NDF : 404.3/19

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

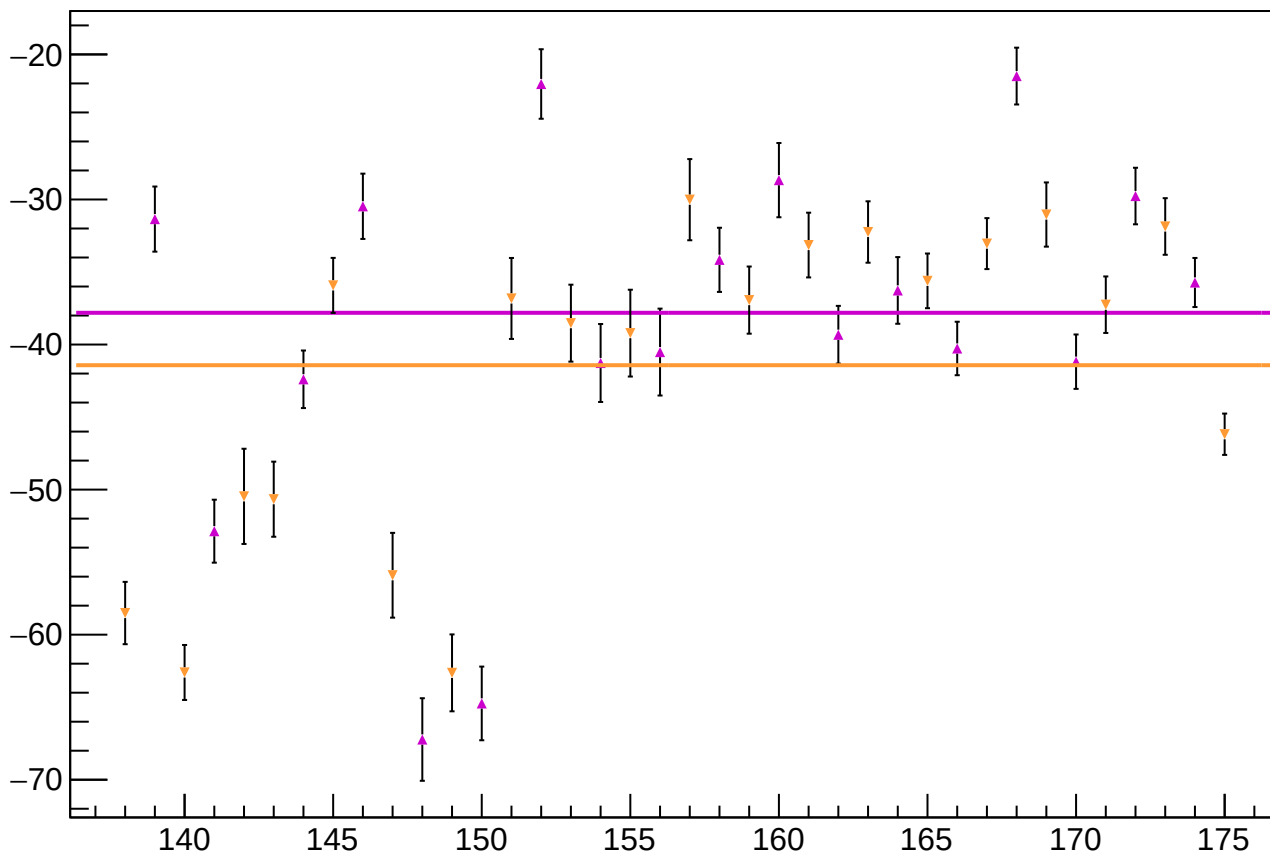
Left In: 0.459 ± 0.003 χ^2/NDF : 684.7/17

+ sign 0.444 ± 0.003 χ^2/NDF : 1390.7/36

All: 0.438 ± 0.002 χ^2/NDF : 3647.1/73

- sign 0.432 ± 0.003 χ^2/NDF : 2249.1/36

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -41.425 ± 0.487 χ^2/NDF : 457.0/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

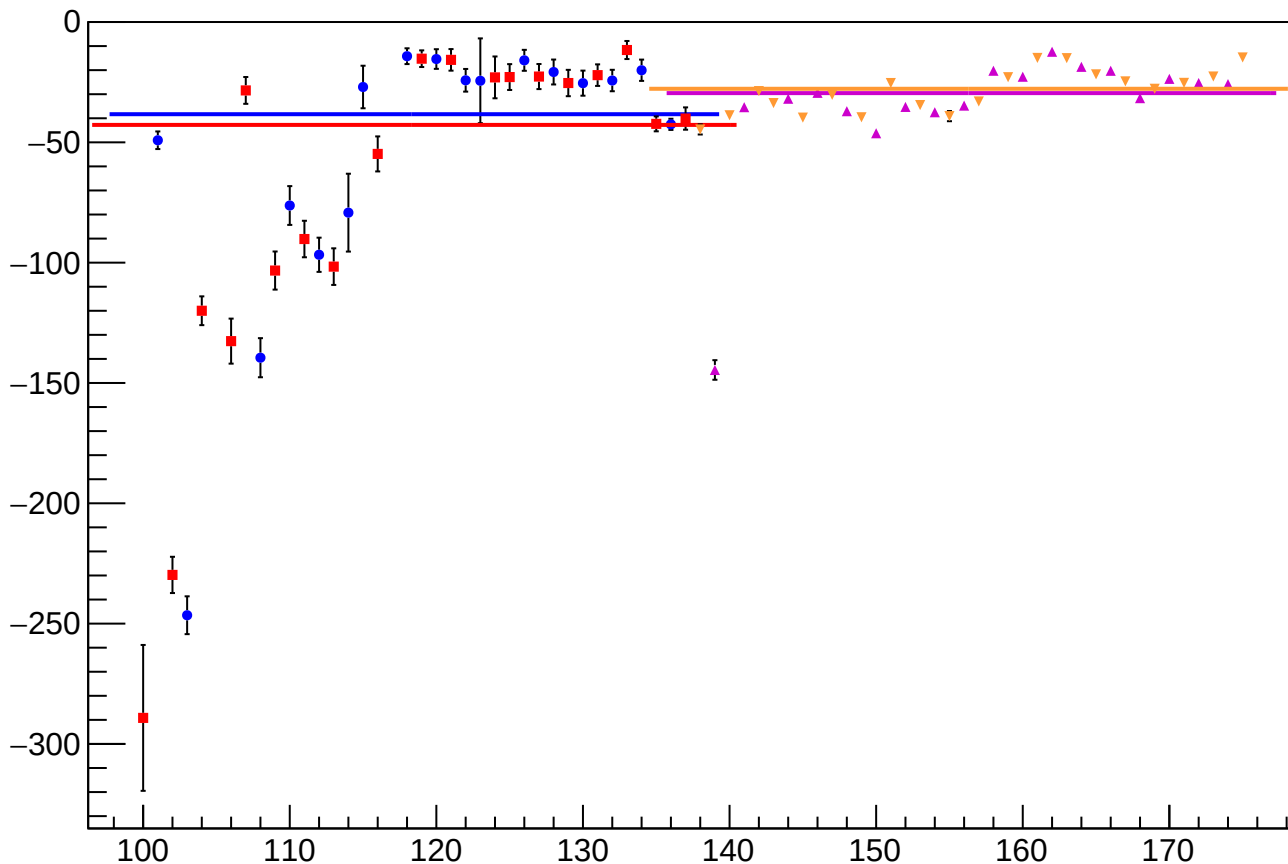
Left In: -37.811 ± 0.512 χ^2/NDF : 447.0/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.710 ± 0.353 χ^2/NDF : 930.1/37

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -27.743 ± 0.365 $\chi^2/\text{NDF}: 553.7/19$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

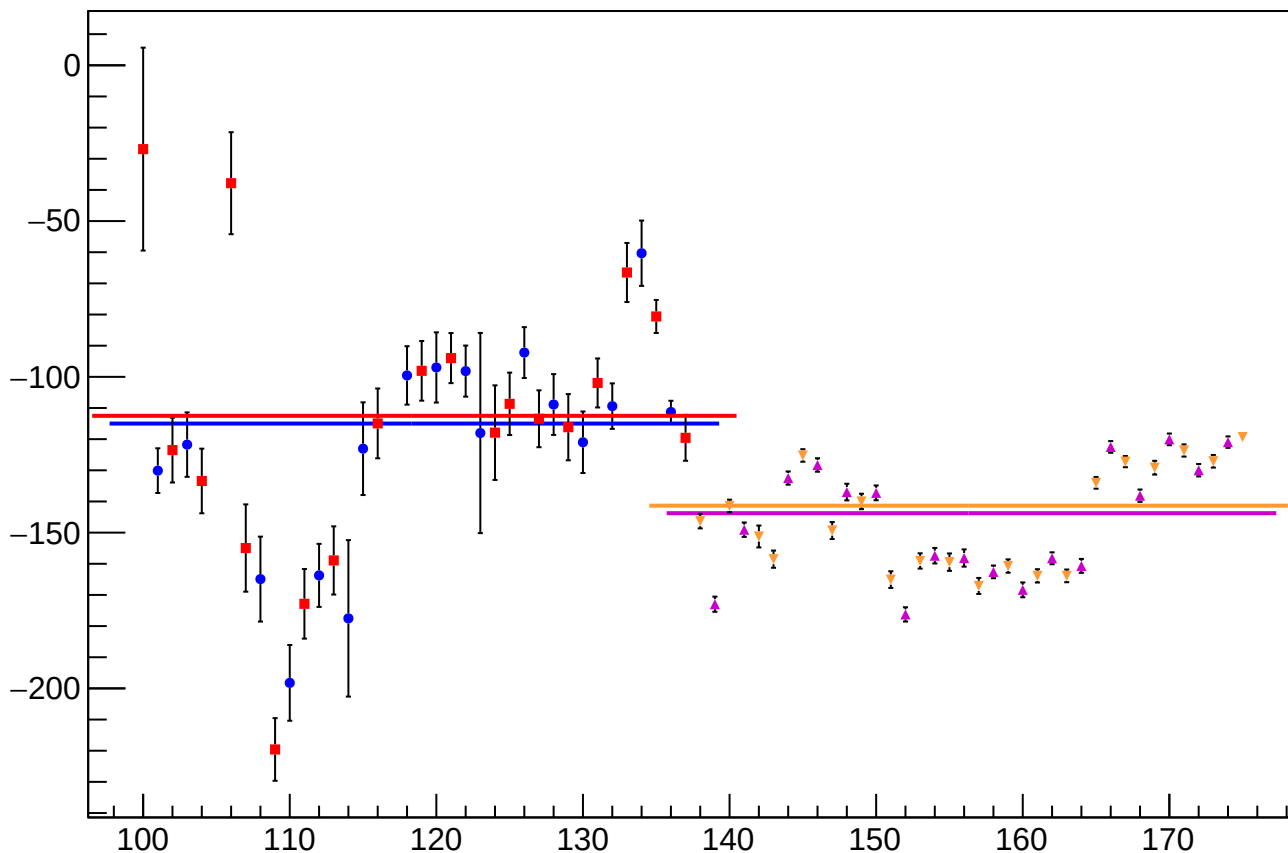
Left In: -29.548 ± 0.384 $\chi^2/\text{NDF}: 1243.7/17$

+ sign -28.731 ± 0.348 $\chi^2/\text{NDF}: 1764.6/36$

All: -29.692 ± 0.252 $\chi^2/\text{NDF}: 4474.1/73$

- sign -30.754 ± 0.366 $\chi^2/\text{NDF}: 2693.4/36$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -141.354 ± 0.486 χ^2/NDF : 1189.6/19

Right Out: -112.510 ± 2.207 χ^2/NDF : 273.1/18

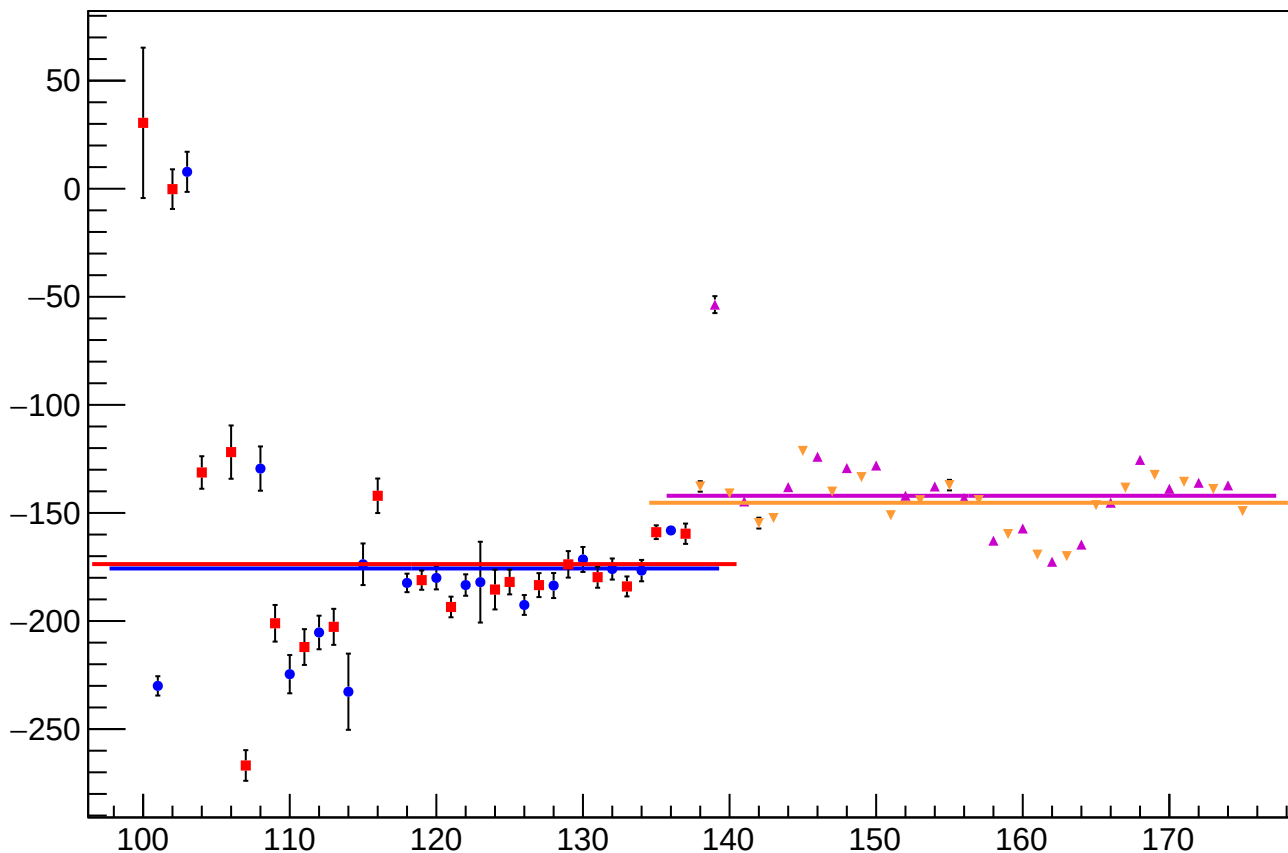
Left In: -143.756 ± 0.509 χ^2/NDF : 1306.0/17

+ sign -139.981 ± 0.473 χ^2/NDF : 1484.7/36

All: -141.025 ± 0.342 χ^2/NDF : 3264.4/73

- sign -142.174 ± 0.496 χ^2/NDF : 1769.5/36

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -145.293 ± 0.414 χ^2/NDF : 909.6/19

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

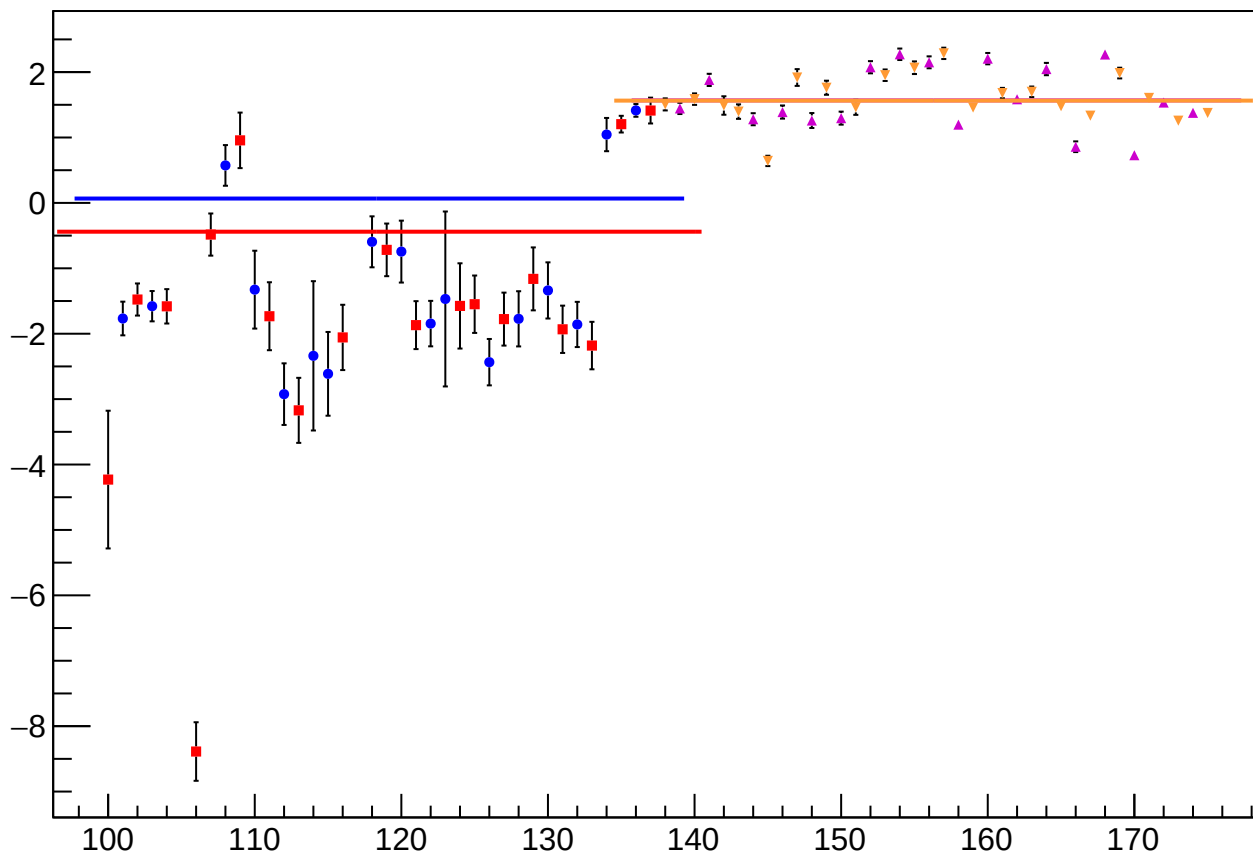
Left In: -142.058 ± 0.436 χ^2/NDF : 1524.7/17

+ sign -148.228 ± 0.394 χ^2/NDF : 2122.3/36

All: -146.704 ± 0.286 χ^2/NDF : 4908.9/73

- sign -145.015 ± 0.415 χ^2/NDF : 2755.0/36

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.564 ± 0.019 χ^2/NDF : 336.0/19

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

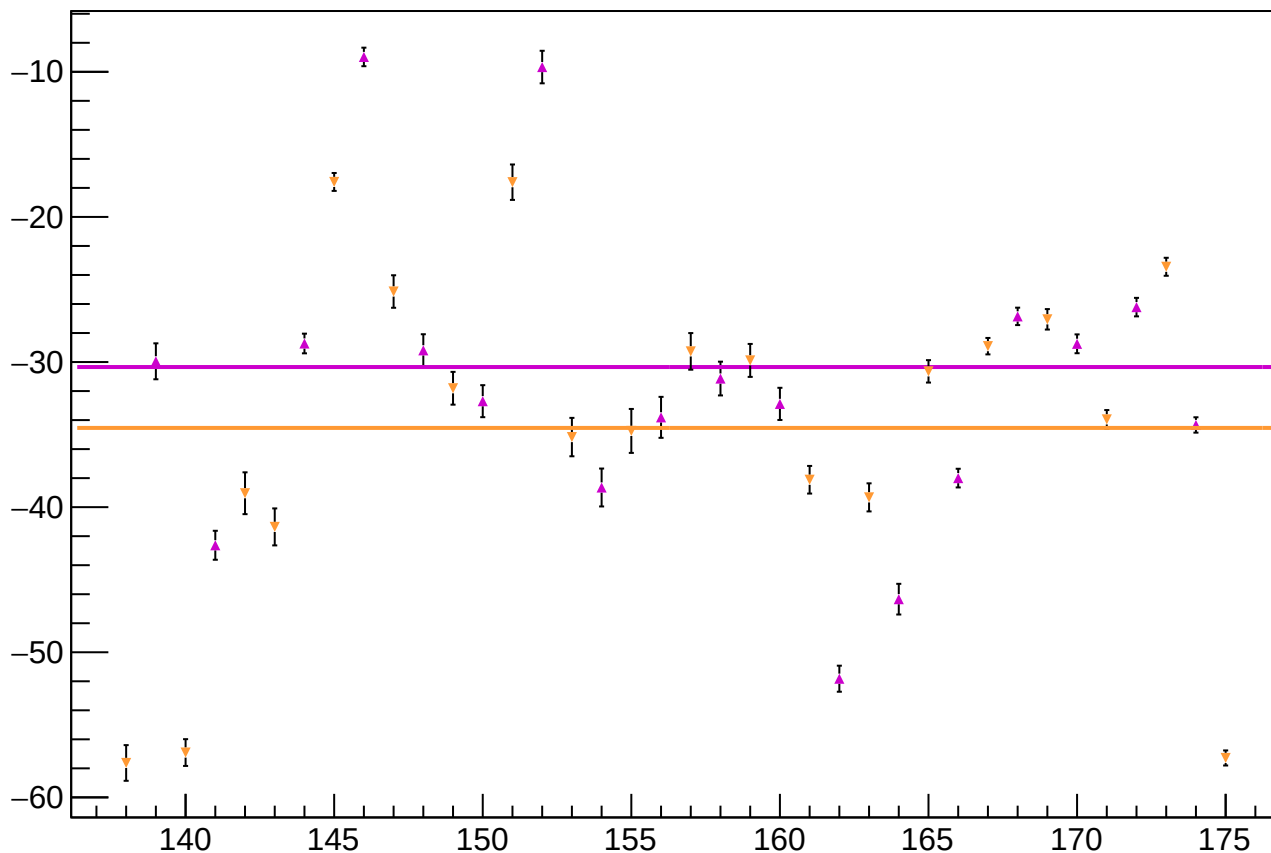
Left In: 1.567 ± 0.020 χ^2/NDF : 600.5/17

+ sign 1.450 ± 0.018 χ^2/NDF : 1324.0/36

All: 1.438 ± 0.013 χ^2/NDF : 3420.7/73

- sign 1.424 ± 0.019 χ^2/NDF : 2095.7/36

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -34.539+/-0.189 χ^2/NDF : 4552.8/19

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

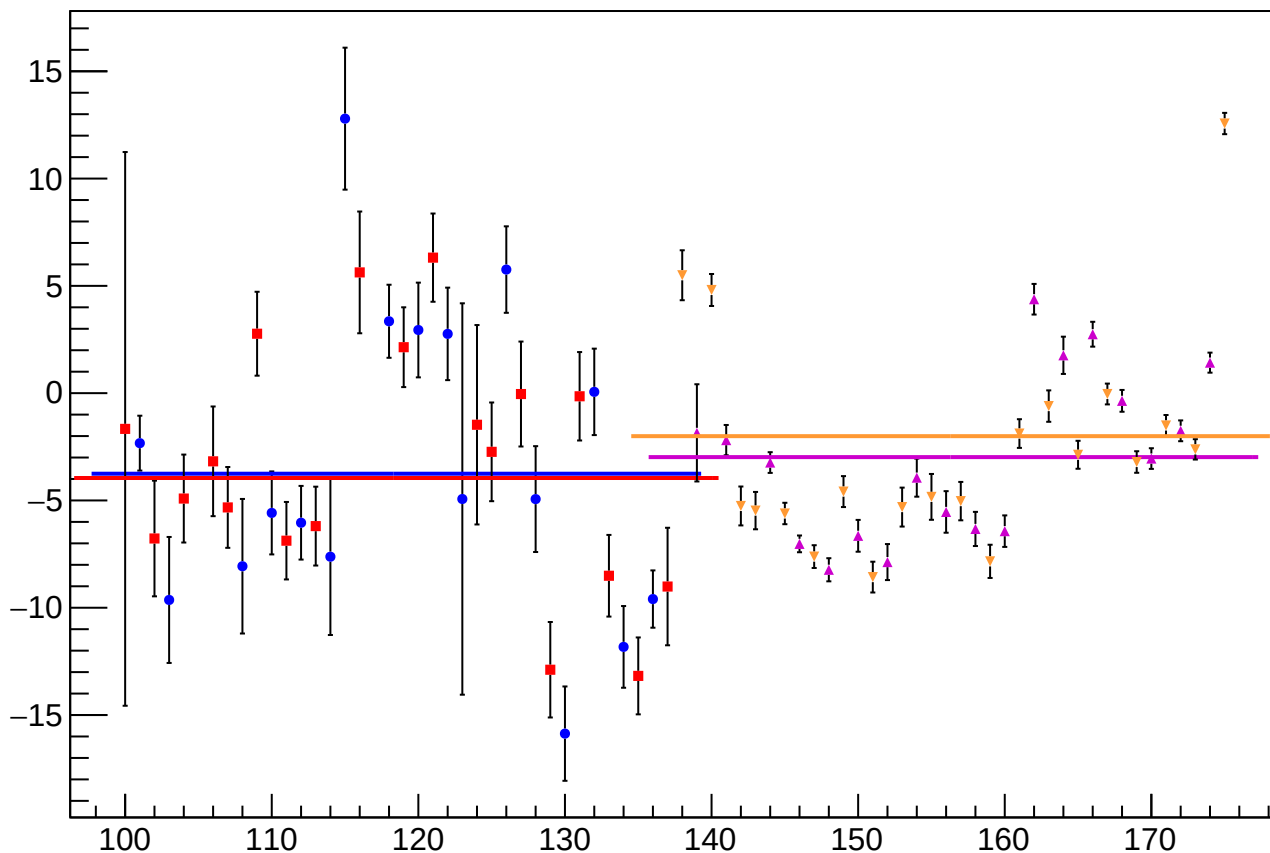
Left In: -30.344+/-0.192 χ^2/NDF : 2756.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.474+/-0.135 χ^2/NDF : 7551.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -2.004 ± 0.143 $\chi^2/\text{NDF}: 1394.8/19$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

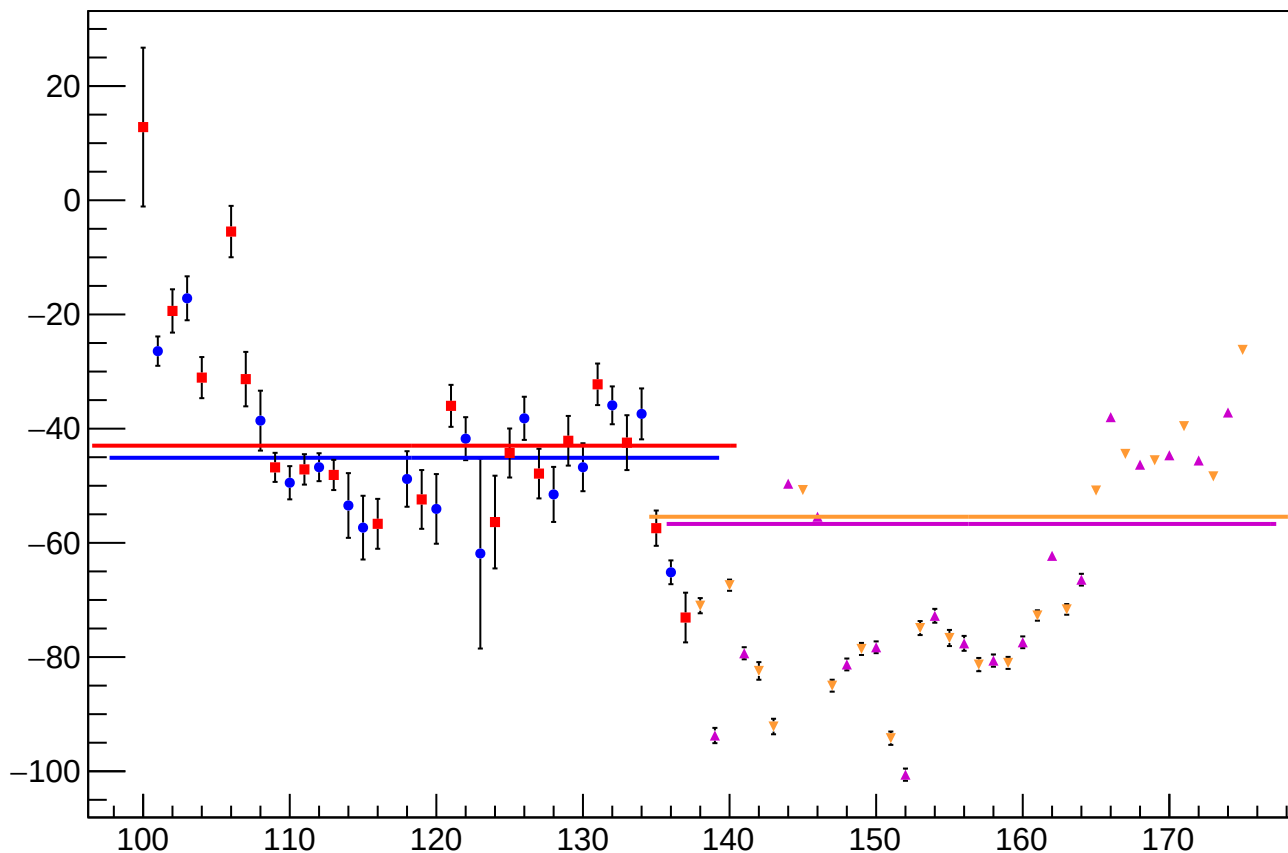
Left In: -2.980 ± 0.143 $\chi^2/\text{NDF}: 666.2/17$

+ sign -2.139 ± 0.137 $\chi^2/\text{NDF}: 1571.6/36$

All: -2.594 ± 0.097 $\chi^2/\text{NDF}: 2386.6/73$

- sign -3.052 ± 0.138 $\chi^2/\text{NDF}: 792.9/36$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -55.426 ± 0.190 χ^2/NDF : 10443.7/19

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

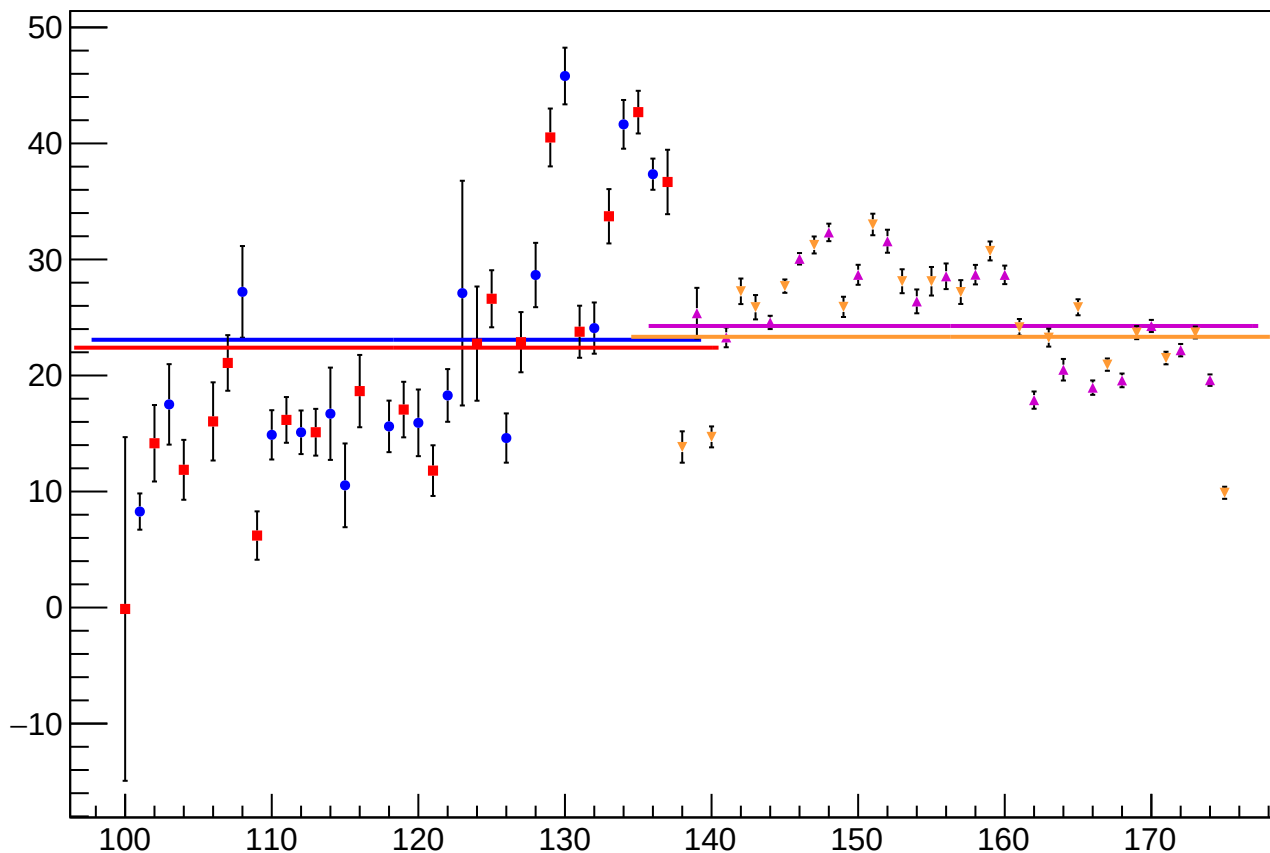
Left In: -56.687 ± 0.193 χ^2/NDF : 8354.5/17

+ sign -54.968 ± 0.186 χ^2/NDF : 10804.9/36

All: -55.503 ± 0.132 χ^2/NDF : 19658.0/73

- sign -56.055 ± 0.188 χ^2/NDF : 8836.2/36

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 ± 0.556 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 23.333 ± 0.162 $\chi^2/\text{NDF}: 1295.9/19$

Right Out: 22.397 ± 0.572 $\chi^2/\text{NDF}: 370.3/18$

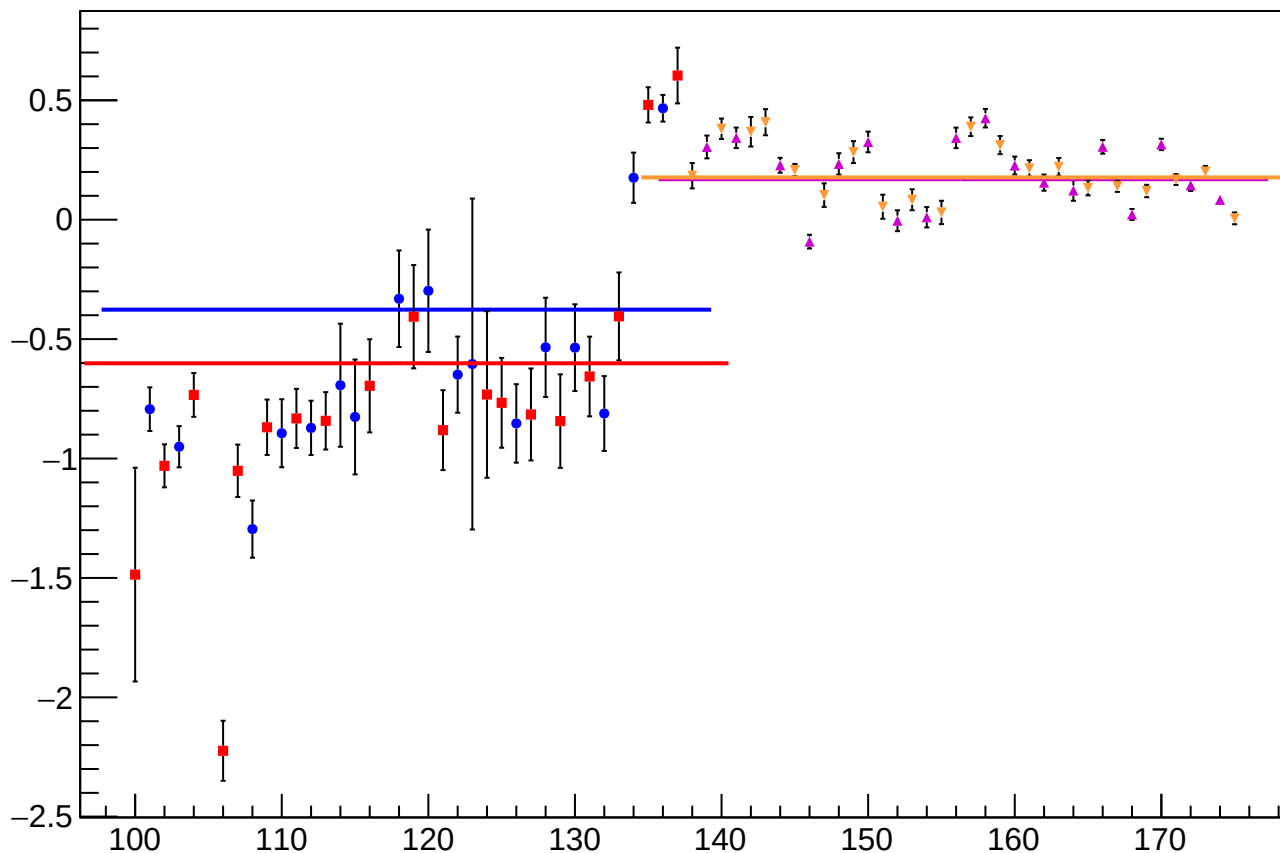
Left In: 24.267 ± 0.164 $\chi^2/\text{NDF}: 742.6/17$

+ sign 23.314 ± 0.155 $\chi^2/\text{NDF}: 1757.3/36$

All: 23.714 ± 0.111 $\chi^2/\text{NDF}: 2893.5/73$

- sign 24.126 ± 0.157 $\chi^2/\text{NDF}: 1122.7/36$

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.177 ± 0.007 $\chi^2/\text{NDF}: 181.5/19$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

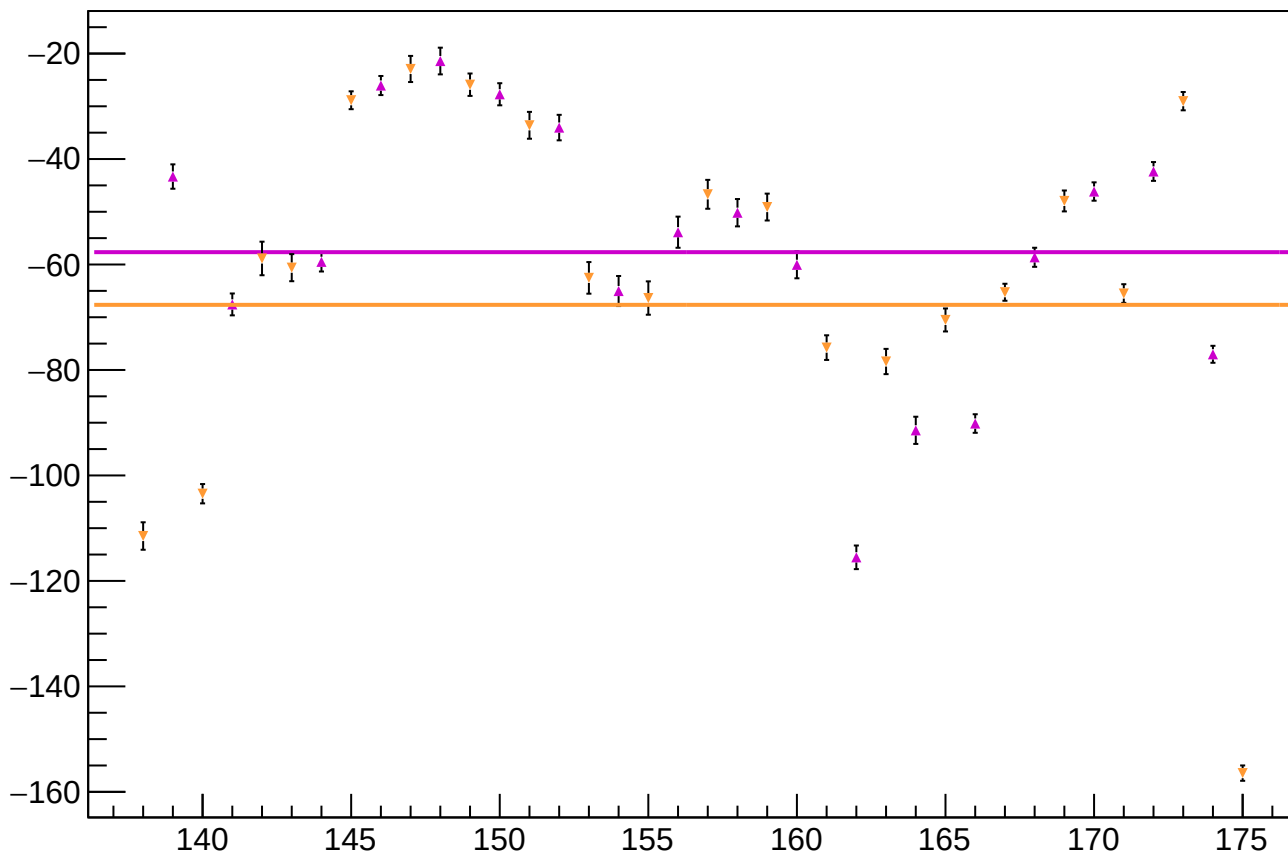
Left In: 0.169 ± 0.008 $\chi^2/\text{NDF}: 338.8/17$

+ sign 0.145 ± 0.007 $\chi^2/\text{NDF}: 938.0/36$

All: 0.135 ± 0.005 $\chi^2/\text{NDF}: 2450.4/73$

- sign 0.124 ± 0.007 $\chi^2/\text{NDF}: 1508.5/36$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -67.650+/-0.476 χ^2/NDF : 6563.8/19

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

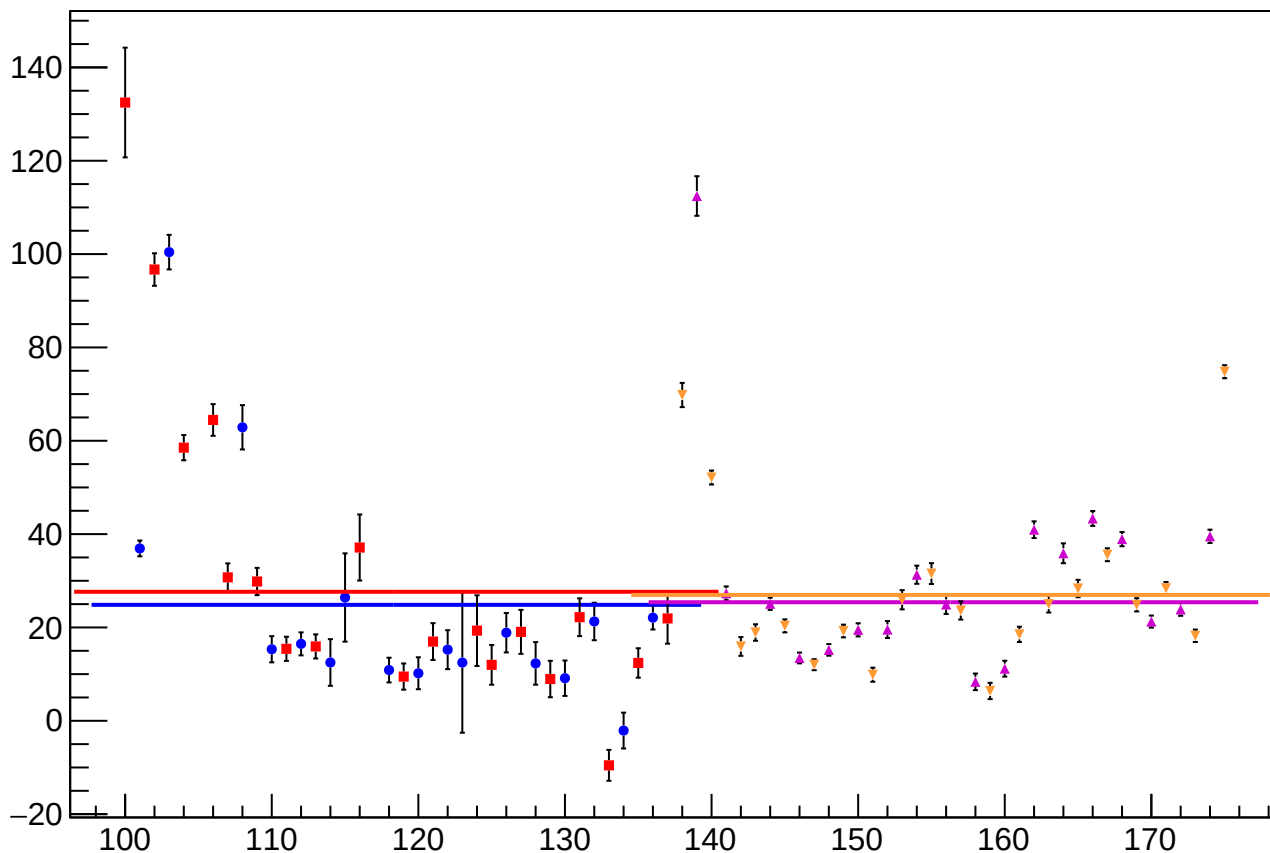
Left In: -57.660+/-0.492 χ^2/NDF : 2331.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.823+/-0.342 χ^2/NDF : 9107.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 26.972 $\pm$ 0.354 χ^2 /NDF:2376.2/19

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

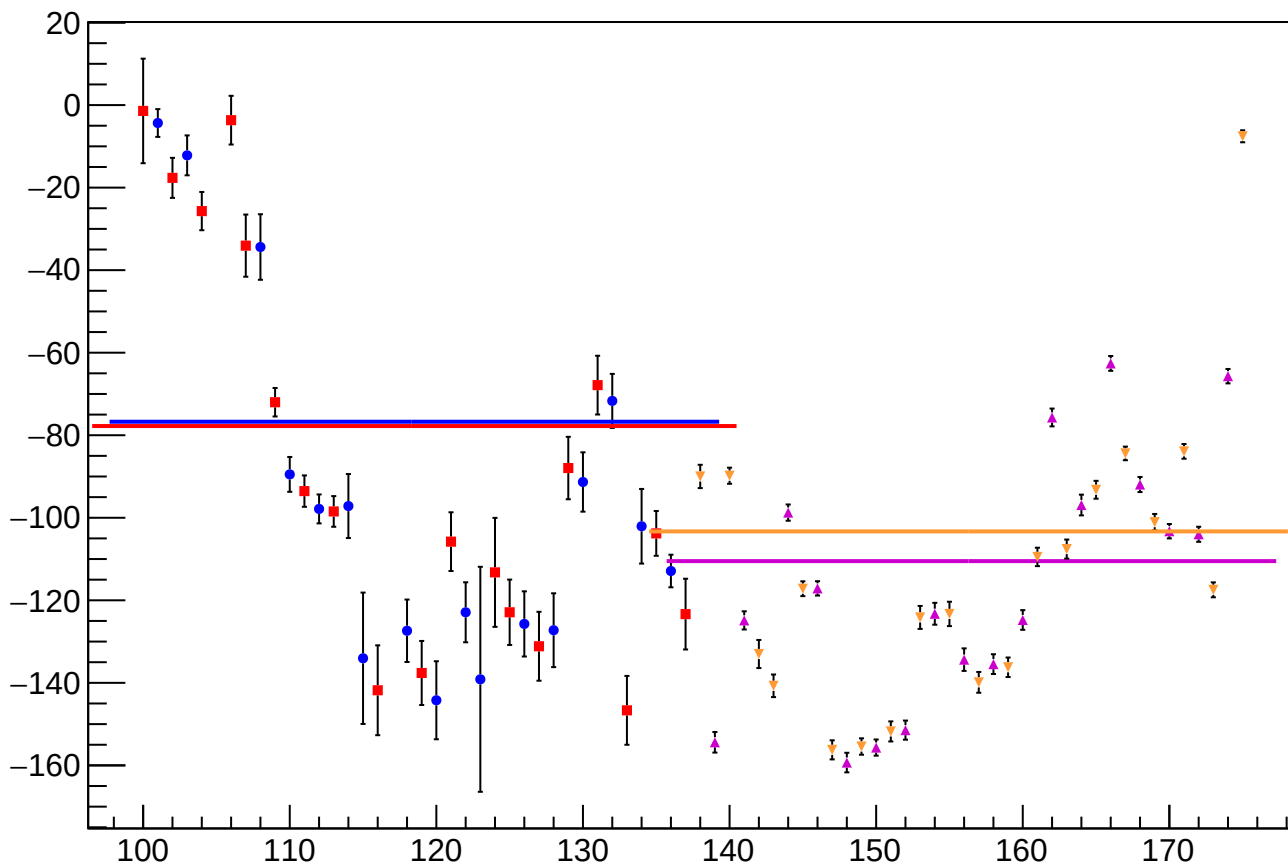
Left In: 25.406 $\pm$ 0.367 χ^2 /NDF:1211.1/17

+ sign 26.625 $\pm$ 0.324 χ^2 /NDF: 3072.9/36

All: 26.219 $\pm$ 0.232 χ^2 /NDF: 5302.7/73

- sign 25.787 $\pm$ 0.334 χ^2 /NDF: 2226.6/36

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -103.305 ± 0.475 $\chi^2/\text{NDF}: 7178.7/19$

Right Out: -77.773 ± 1.352 $\chi^2/\text{NDF}: 871.8/18$

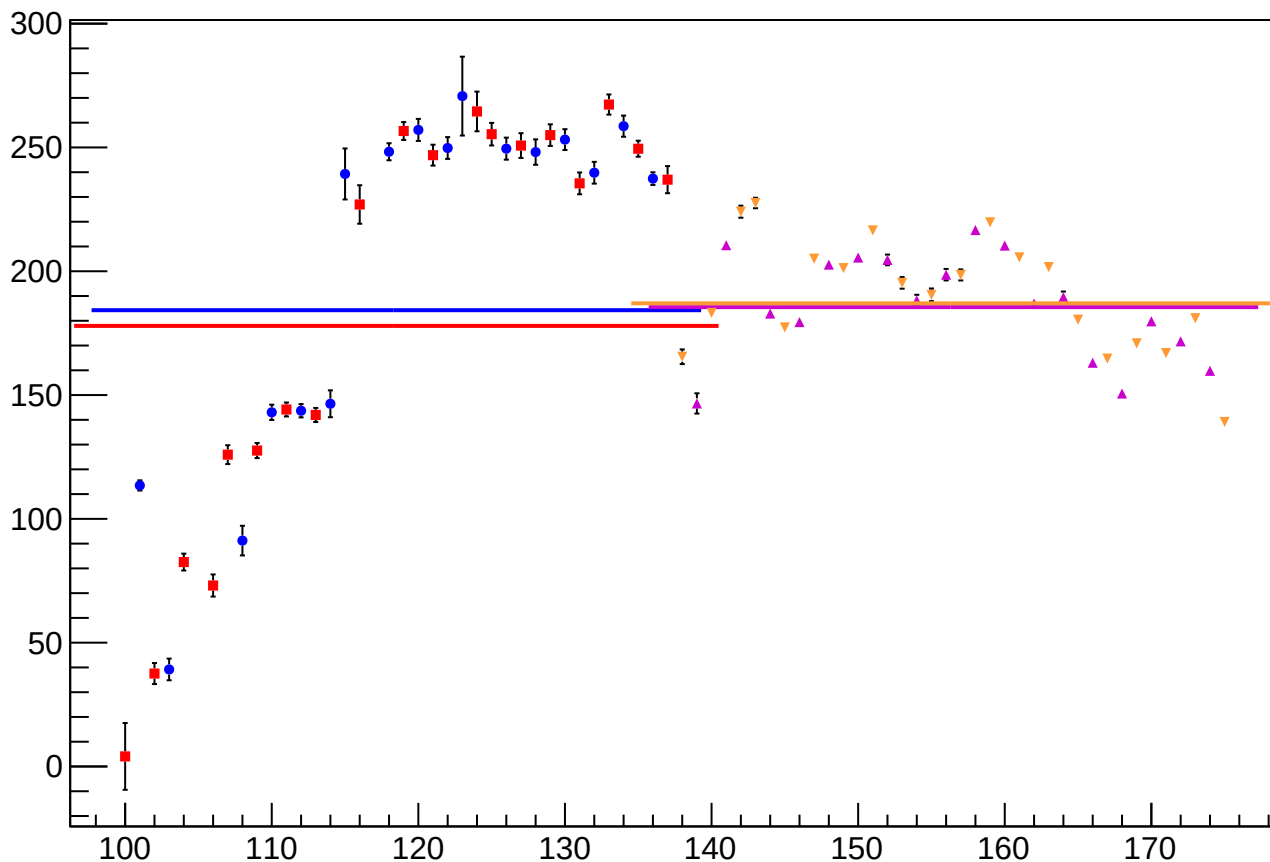
Left In: -110.504 ± 0.491 $\chi^2/\text{NDF}: 3708.0/17$

+ sign -100.600 ± 0.451 $\chi^2/\text{NDF}: 8538.9/36$

All: -103.571 ± 0.322 $\chi^2/\text{NDF}: 13725.4/73$

- sign -106.690 ± 0.462 $\chi^2/\text{NDF}: 5097.4/36$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 187.050 $\pm$ 0.404 χ^2 /NDF:3237.8/19

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

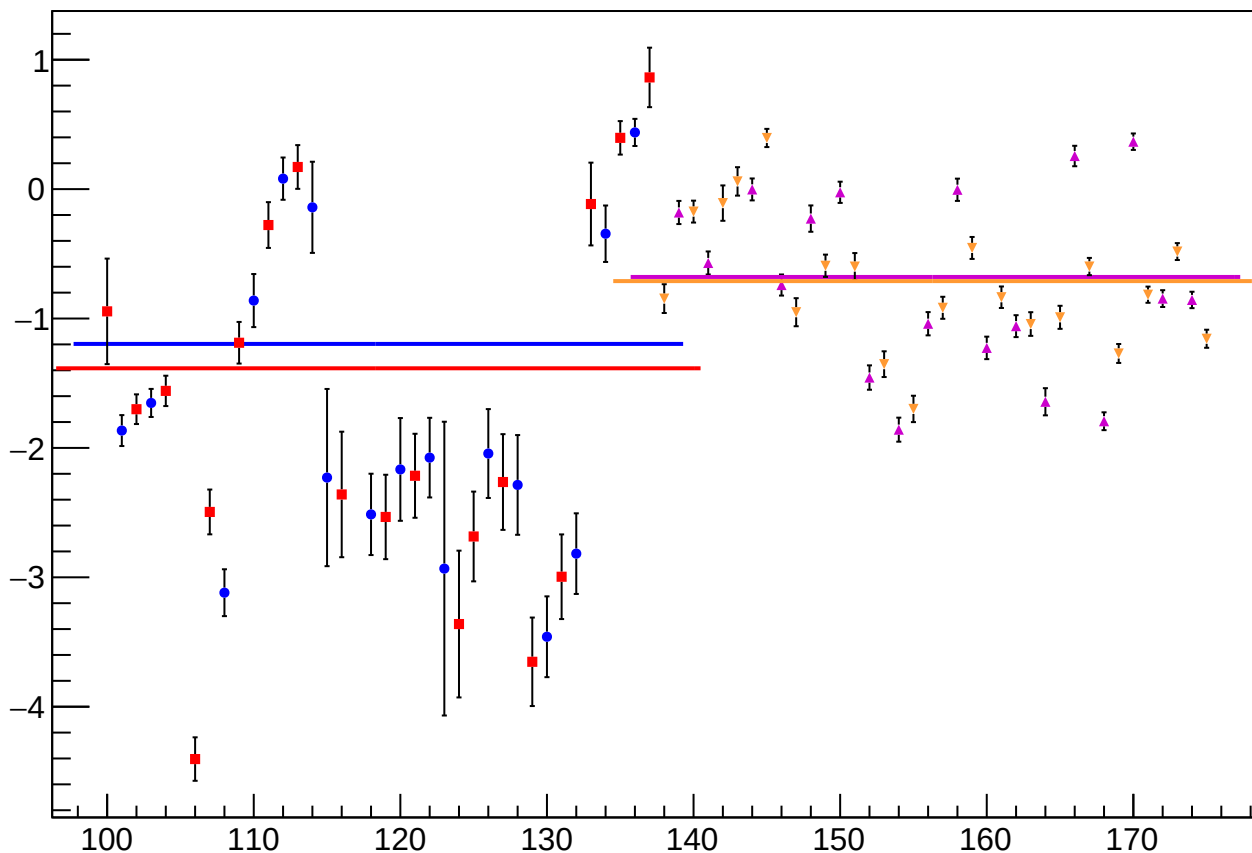
Left In: 185.515 $\pm$ 0.419 χ^2 /NDF:2081.0/17

+ sign 186.595 $\pm$ 0.370 χ^2 /NDF: 8646.5/36

All: 185.446 $\pm$ 0.265 χ^2 /NDF: 17134.4/73

- sign 184.220 $\pm$ 0.382 χ^2 /NDF: 8467.9/36

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.711 ± 0.019 χ^2/NDF : 658.4/19

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

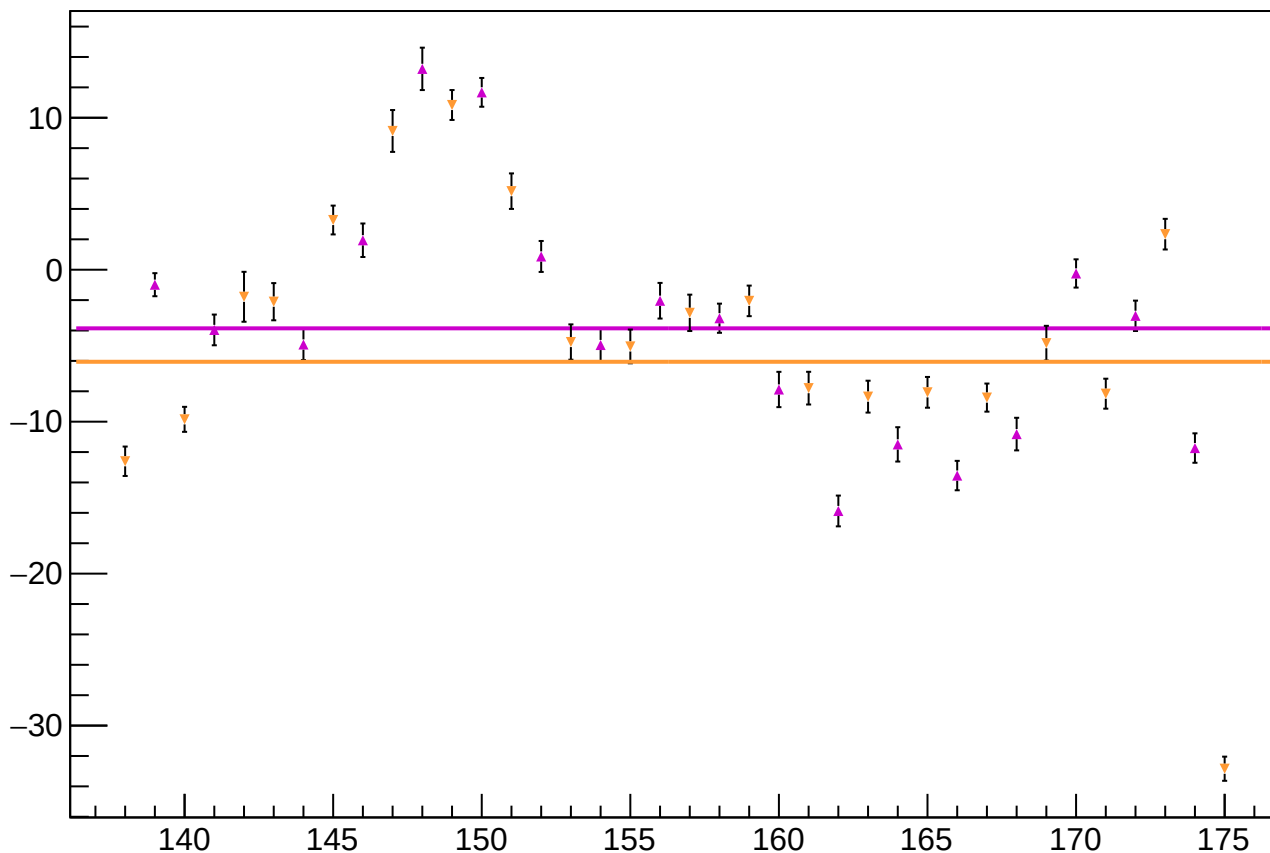
Left In: -0.679 ± 0.019 χ^2/NDF : 1318.3/17

+ sign -0.775 ± 0.017 χ^2/NDF : 1370.0/36

All: -0.779 ± 0.012 χ^2/NDF : 3815.4/73

- sign -0.783 ± 0.018 χ^2/NDF : 2445.3/36

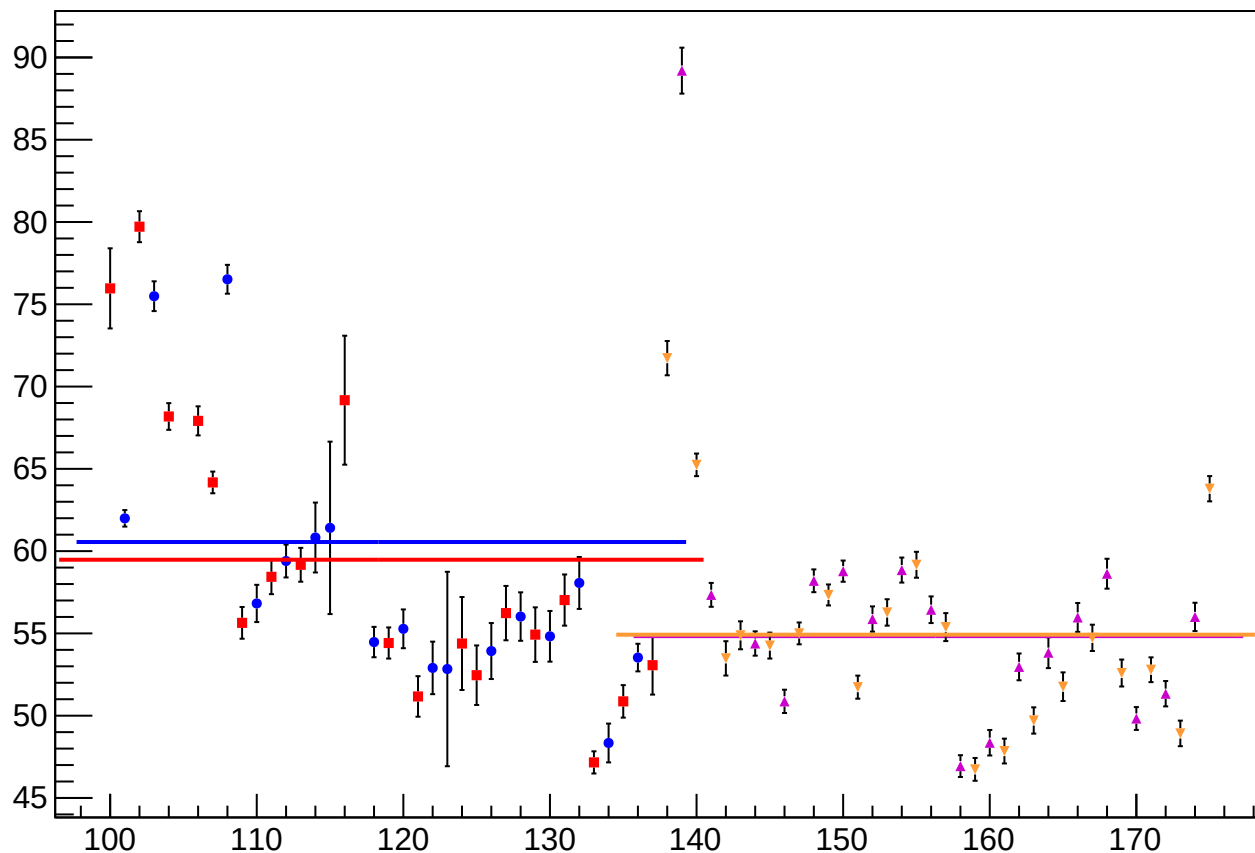
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.058+/-0.232 χ^2/NDF : 1942.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.858+/-0.240 χ^2/NDF : 909.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.993+/-0.167 χ^2/NDF : 2895.9/37
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 54.922 ± 0.174 $\chi^2/\text{NDF}: 1049.0/19$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

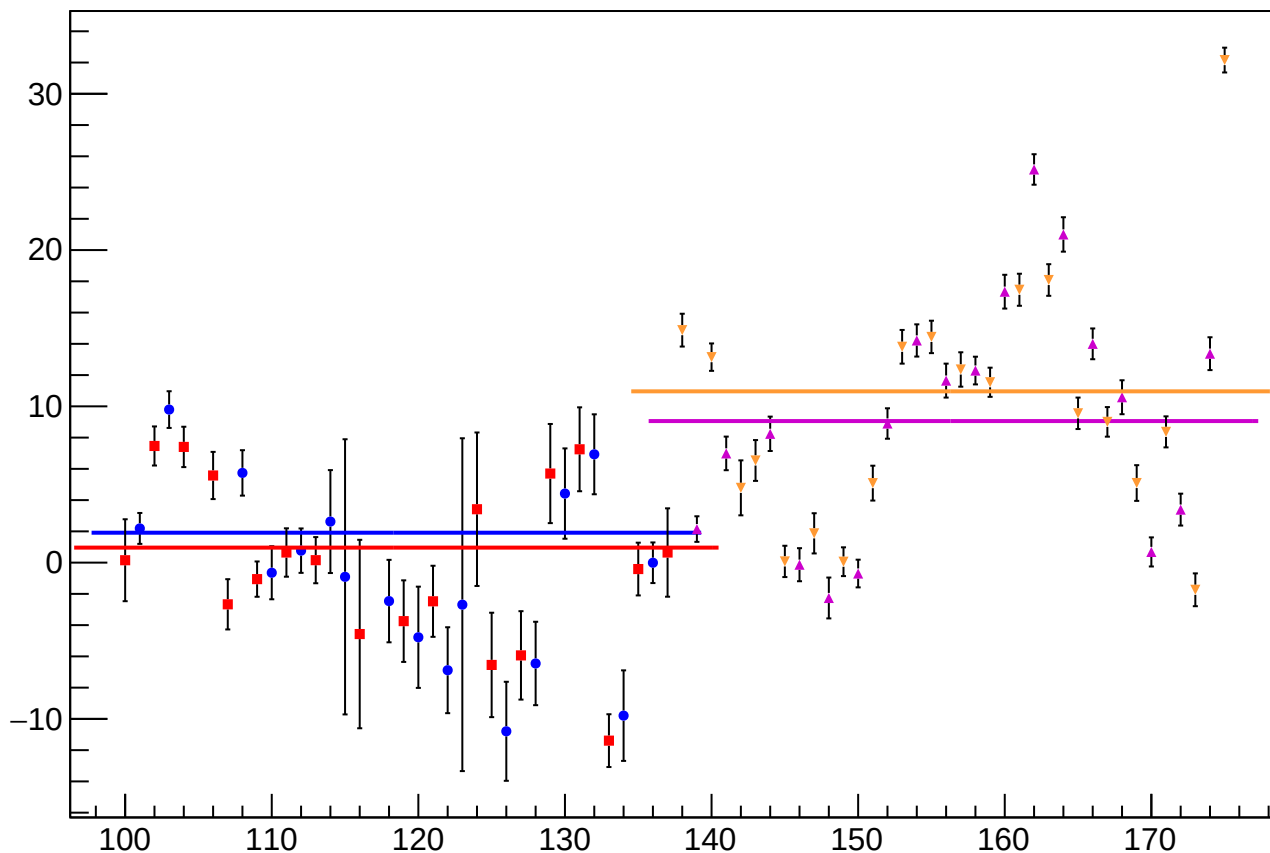
Left In: 54.834 ± 0.183 $\chi^2/\text{NDF}: 1056.0/17$

+ sign 56.645 ± 0.145 $\chi^2/\text{NDF}: 2301.6/36$

All: 56.559 ± 0.103 $\chi^2/\text{NDF}: 4902.5/73$

- sign 56.471 ± 0.147 $\chi^2/\text{NDF}: 2600.2/36$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 $\chi^2/\text{NDF}: 121.6/16$

Left Out: 10.960 ± 0.231 $\chi^2/\text{NDF}: 1389.2/19$

Right Out: 0.960 ± 0.424 $\chi^2/\text{NDF}: 149.5/18$

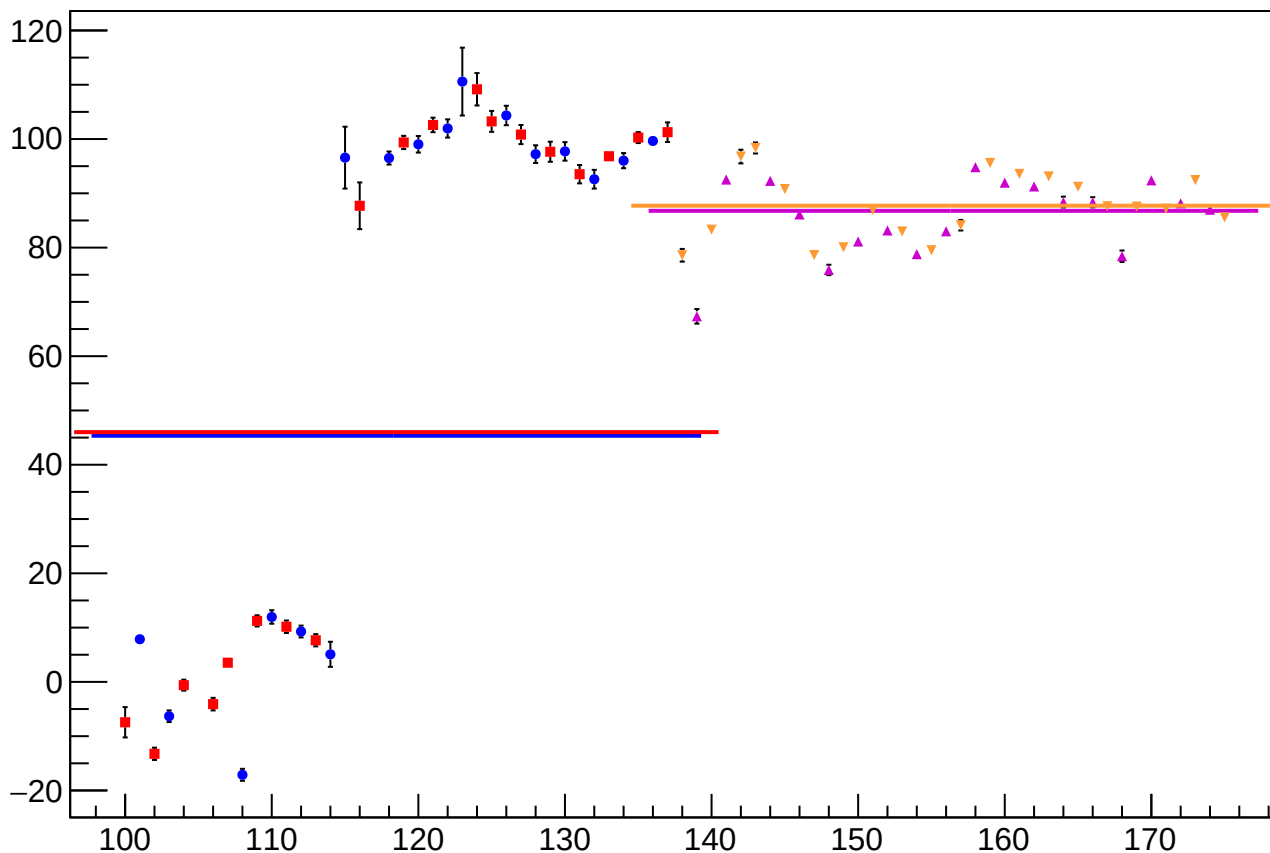
Left In: 9.058 ± 0.238 $\chi^2/\text{NDF}: 995.5/17$

+ sign 9.127 ± 0.206 $\chi^2/\text{NDF}: 1822.2/36$

All: 8.131 ± 0.146 $\chi^2/\text{NDF}: 3291.4/73$

- sign 7.121 ± 0.207 $\chi^2/\text{NDF}: 1422.2/36$

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 87.720 $\pm$ 0.198 χ^2 /NDF: 851.1/19

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

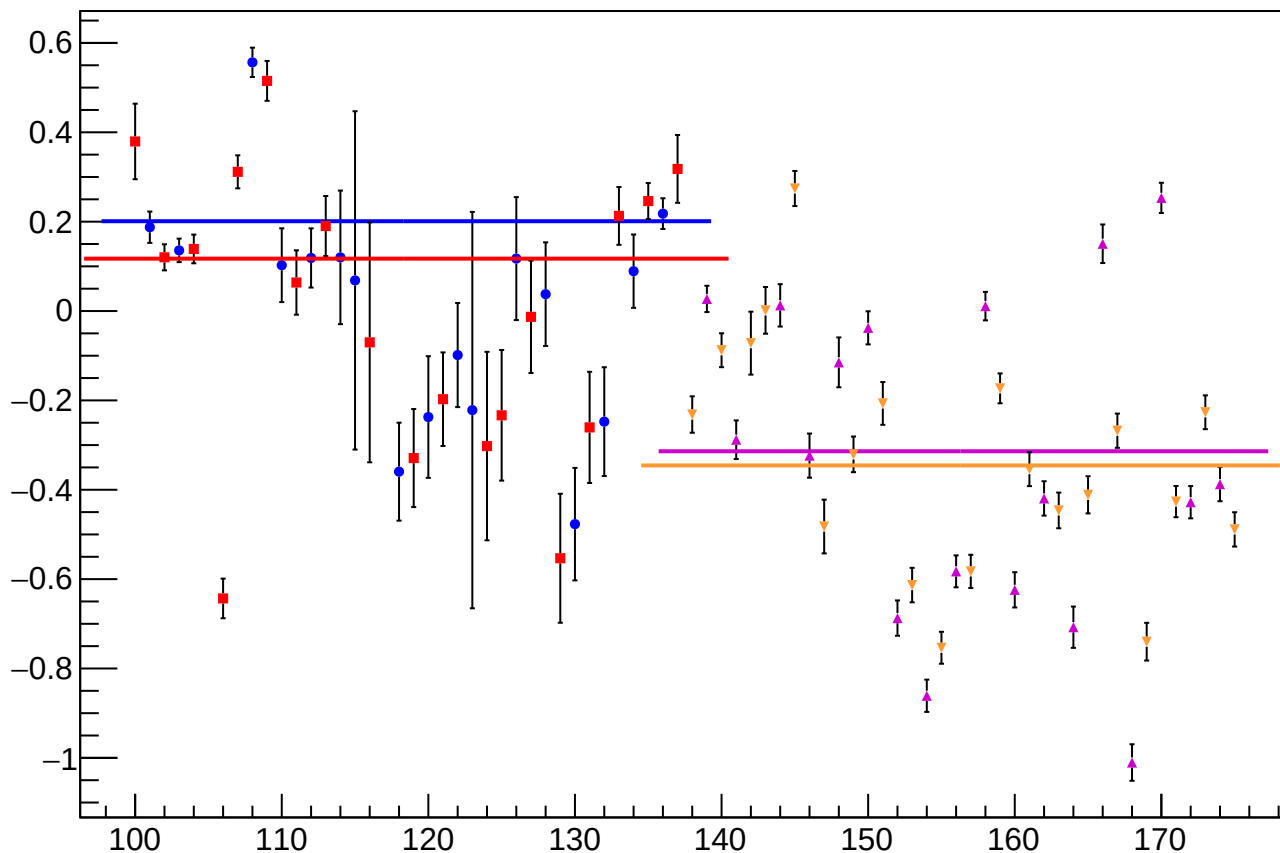
Left In: 86.776 $\pm$ 0.207 χ^2 /NDF: 920.4/17

+ sign 75.095 $\pm$ 0.166 χ^2 /NDF: 39632.8/36

All: 74.061 $\pm$ 0.118 χ^2 /NDF: 81981.9/73

- sign 72.991 $\pm$ 0.168 χ^2 /NDF: 42269.8/36

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.346 ± 0.009 χ^2/NDF : 752.0/19

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

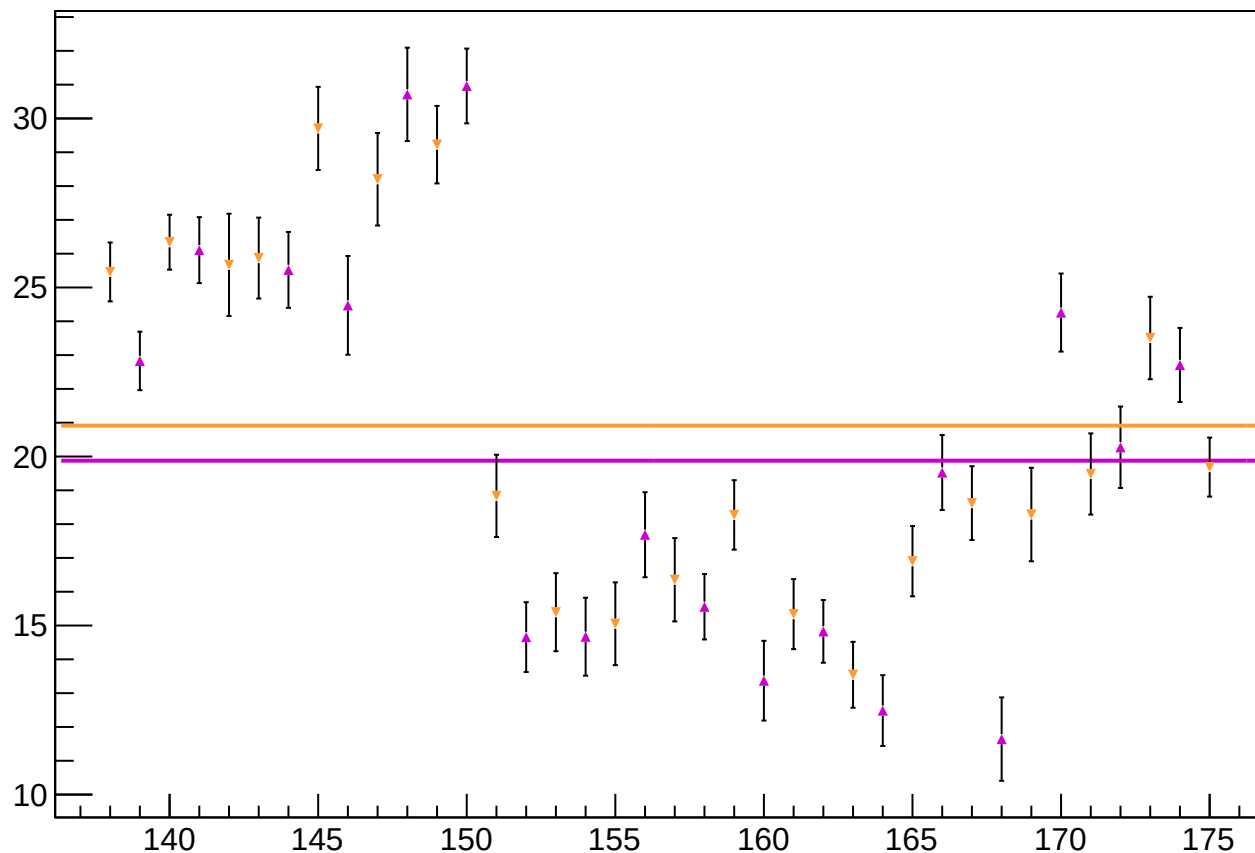
Left In: -0.314 ± 0.009 χ^2/NDF : 1572.5/17

+ sign -0.186 ± 0.008 χ^2/NDF : 2042.5/36

All: -0.179 ± 0.005 χ^2/NDF : 4852.4/73

- sign -0.172 ± 0.007 χ^2/NDF : 2808.3/36

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 20.913 $\pm$ 0.246 χ^2 /NDF:416.8/19

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

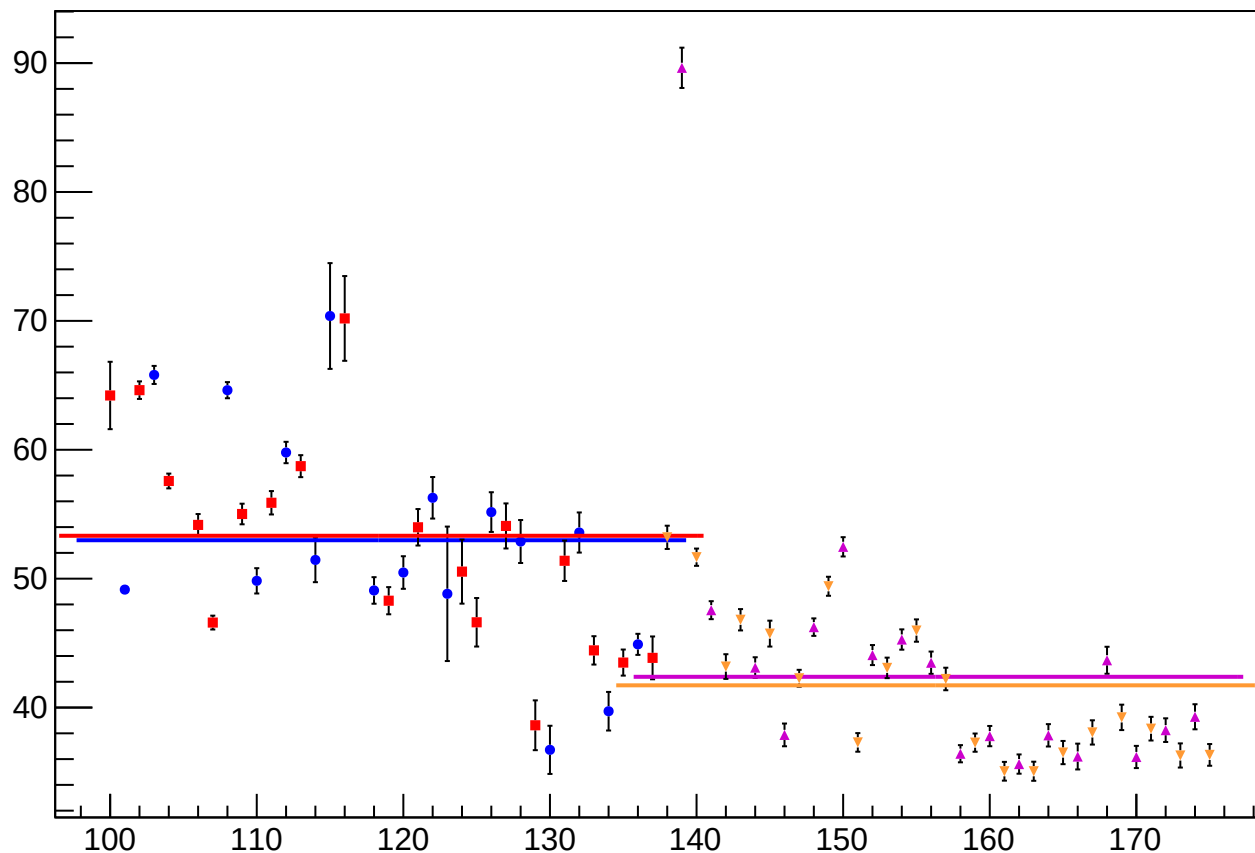
Left In: 19.877 $\pm$ 0.259 χ^2 /NDF:494.3/17

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

All: 20.422 $\pm$ 0.178 χ^2 /NDF: 919.6/37

- 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 χ^2/NDF : 1197.8/16

Left Out: 41.724 ± 0.182 χ^2/NDF : 959.3/19

Right Out: 53.328 ± 0.227 χ^2/NDF : 872.7/18

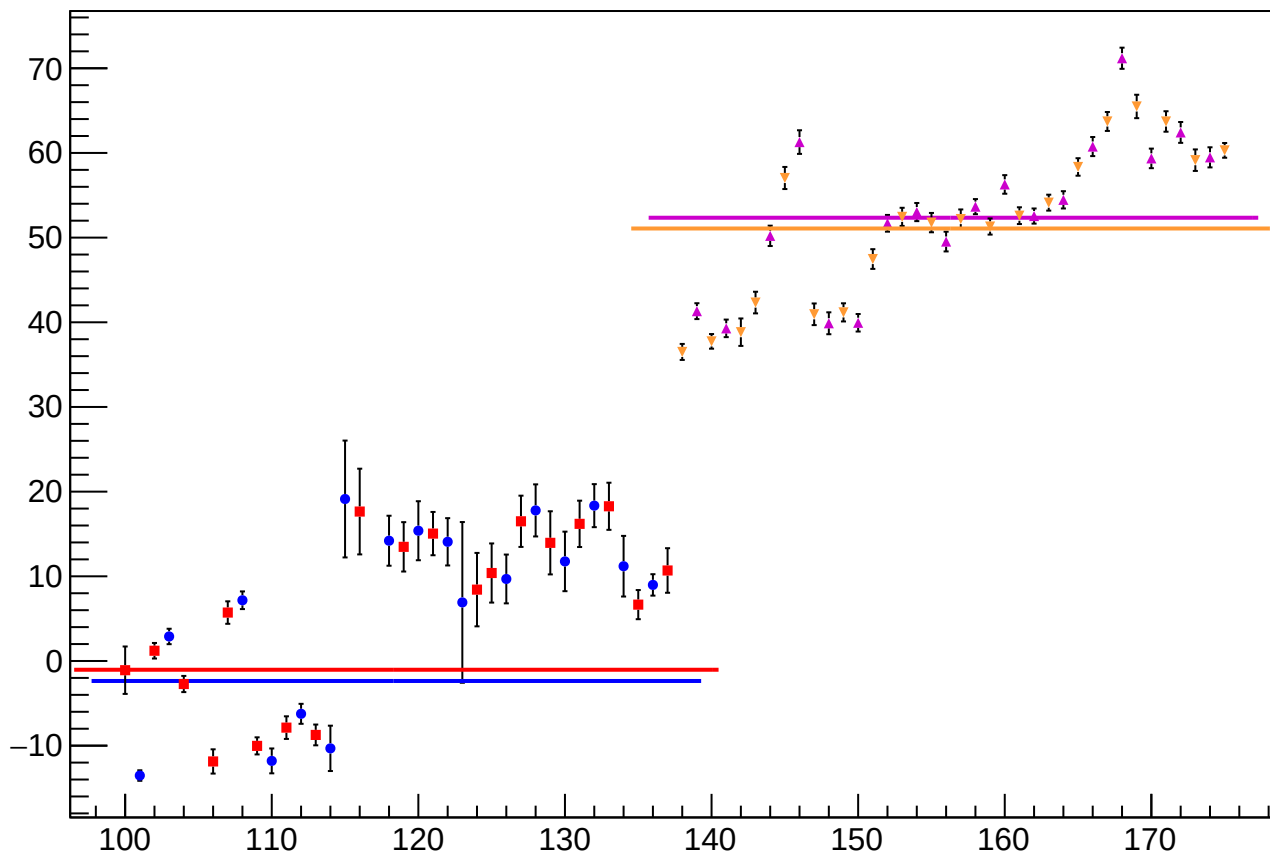
Left In: 42.385 ± 0.195 χ^2/NDF : 1575.0/17

+ sign 46.554 ± 0.138 χ^2/NDF : 3795.2/36

All: 46.777 ± 0.101 χ^2/NDF : 7588.7/73

- sign 47.034 ± 0.148 χ^2/NDF : 3787.8/36

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 51.077 ± 0.244 χ^2/NDF : 1322.2/19

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

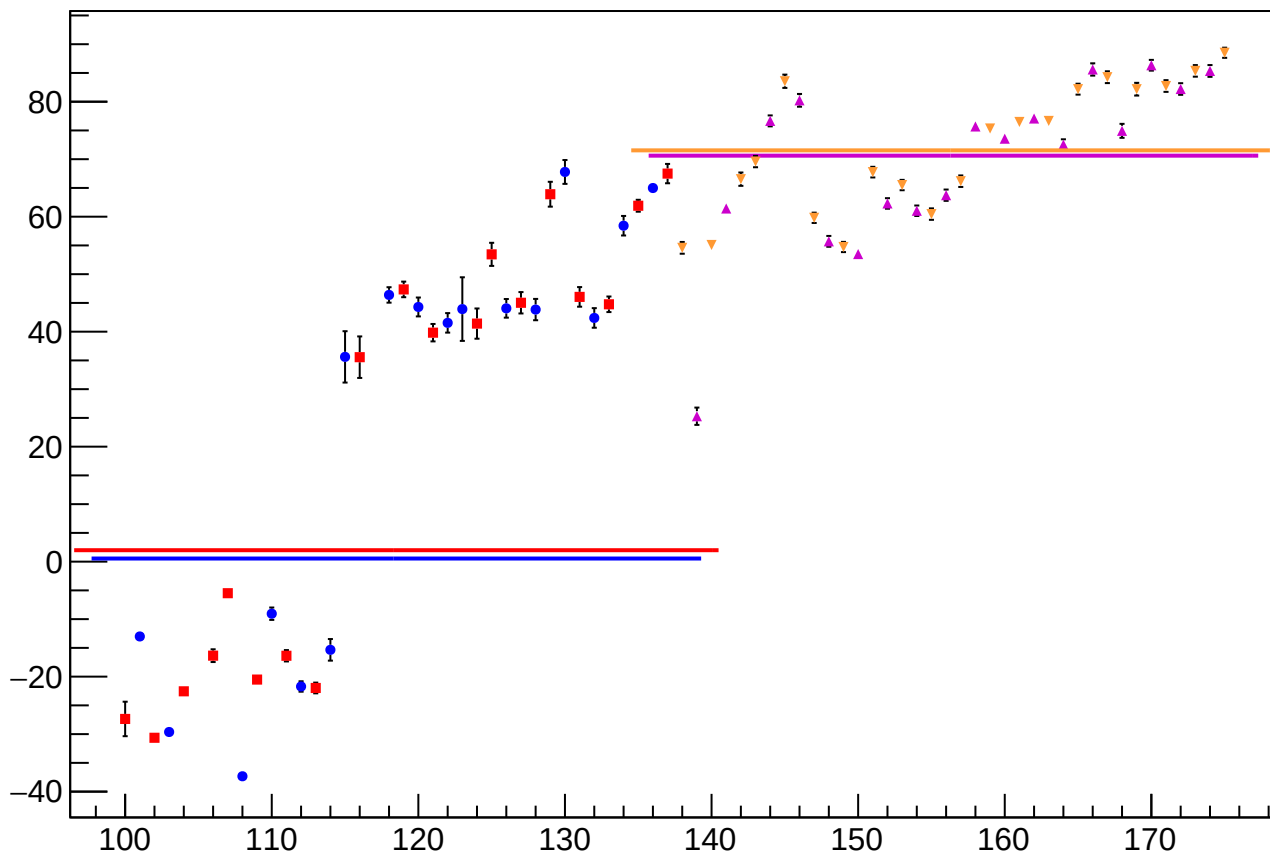
Left In: 52.347 ± 0.256 χ^2/NDF : 1027.3/17

+ sign 34.508 ± 0.203 χ^2/NDF : 17047.7/36

All: 34.989 ± 0.146 χ^2/NDF : 32328.6/73

- sign 35.514 ± 0.212 χ^2/NDF : 15269.1/36

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 $\chi^2/\text{NDF}: 18423.8/16$

Left Out: 71.537 ± 0.208 $\chi^2/\text{NDF}: 2719.2/19$

Right Out: 1.990 ± 0.267 $\chi^2/\text{NDF}: 15476.7/18$

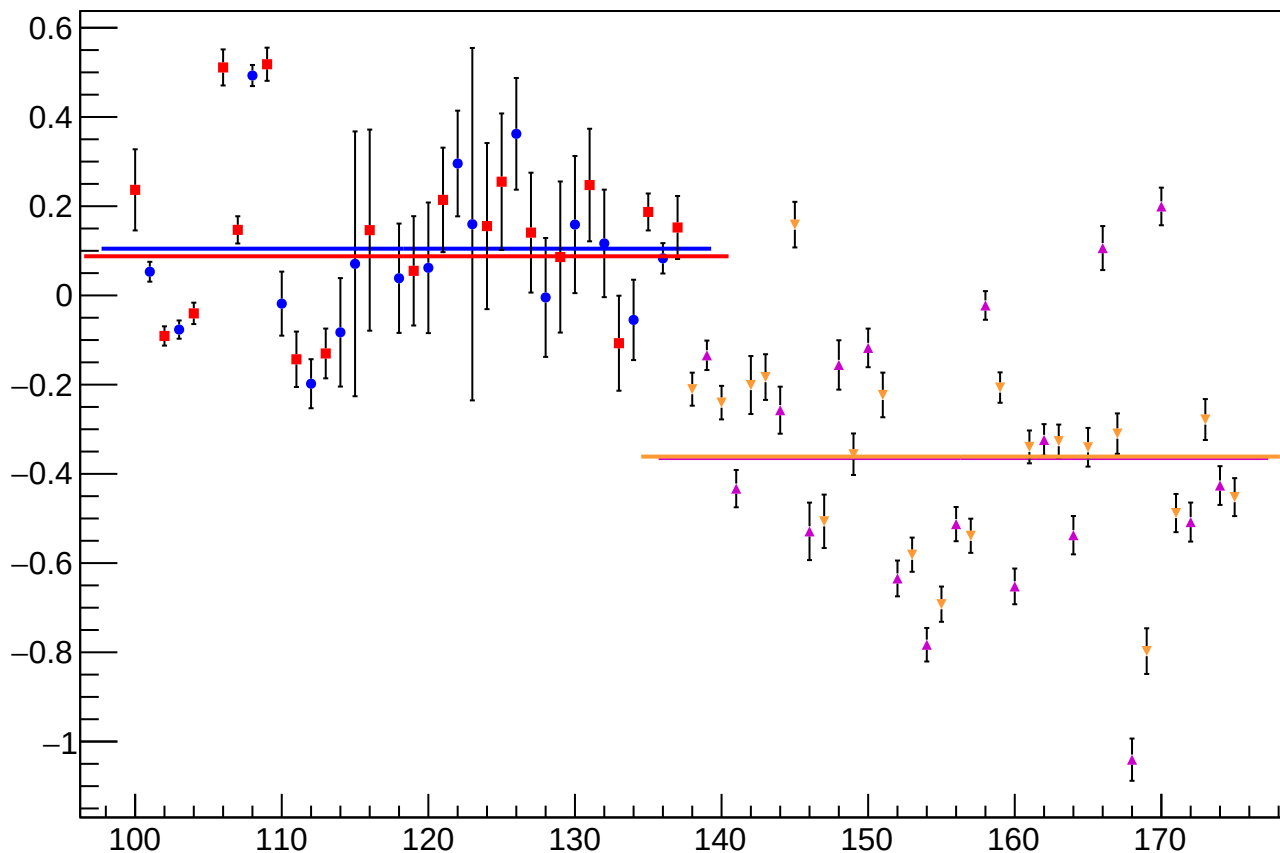
Left In: 70.615 ± 0.221 $\chi^2/\text{NDF}: 2991.3/17$

+ sign 42.034 ± 0.159 $\chi^2/\text{NDF}: 69543.4/36$

All: 42.340 ± 0.116 $\chi^2/\text{NDF}: 127339.3/73$

- sign 42.689 ± 0.170 $\chi^2/\text{NDF}: 57788.0/36$

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.361 ± 0.010 $\chi^2/\text{NDF}: 399.2/19$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

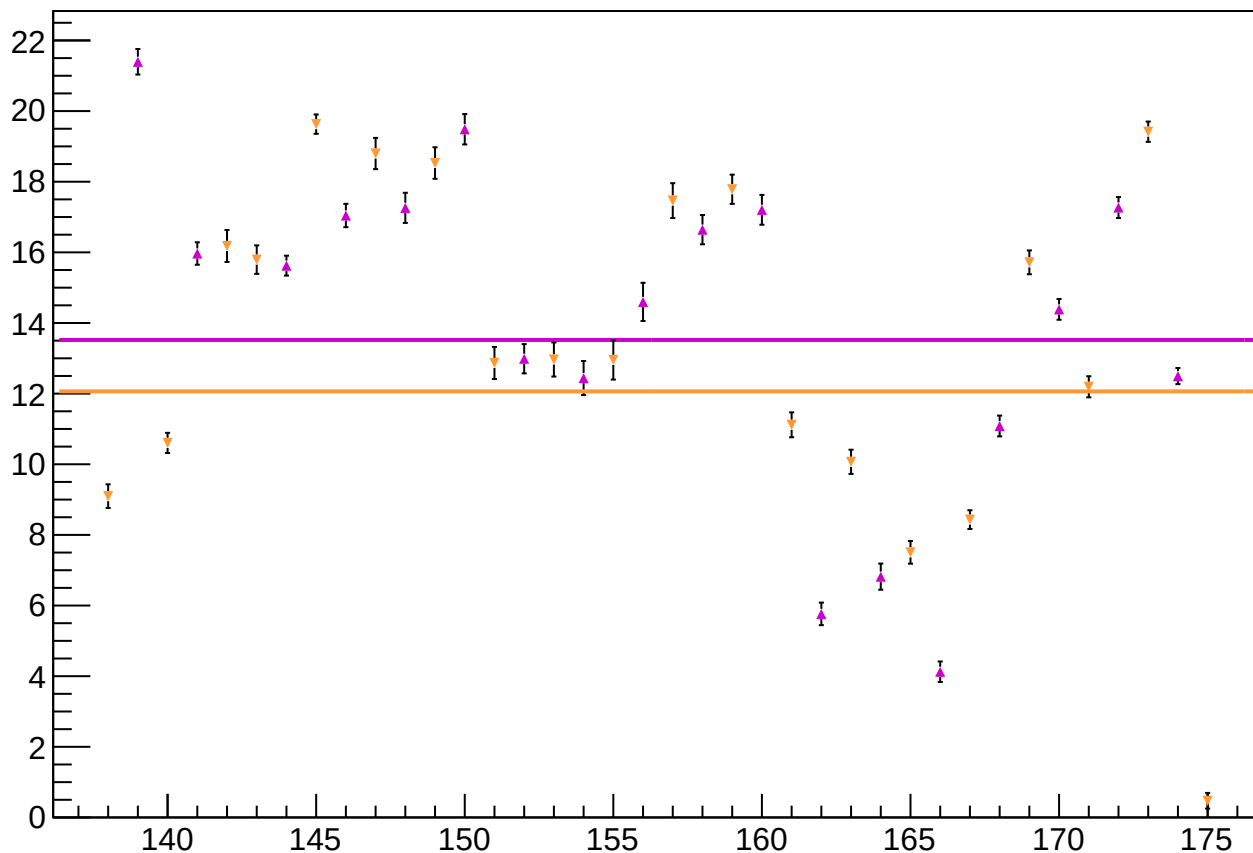
Left In: -0.365 ± 0.010 $\chi^2/\text{NDF}: 962.3/17$

+ sign -0.161 ± 0.007 $\chi^2/\text{NDF}: 1816.7/36$

All: -0.162 ± 0.005 $\chi^2/\text{NDF}: 4110.5/73$

- sign -0.164 ± 0.007 $\chi^2/\text{NDF}: 2293.7/36$

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 12.064+/-0.076 χ^2/NDF : 5716.4/19

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

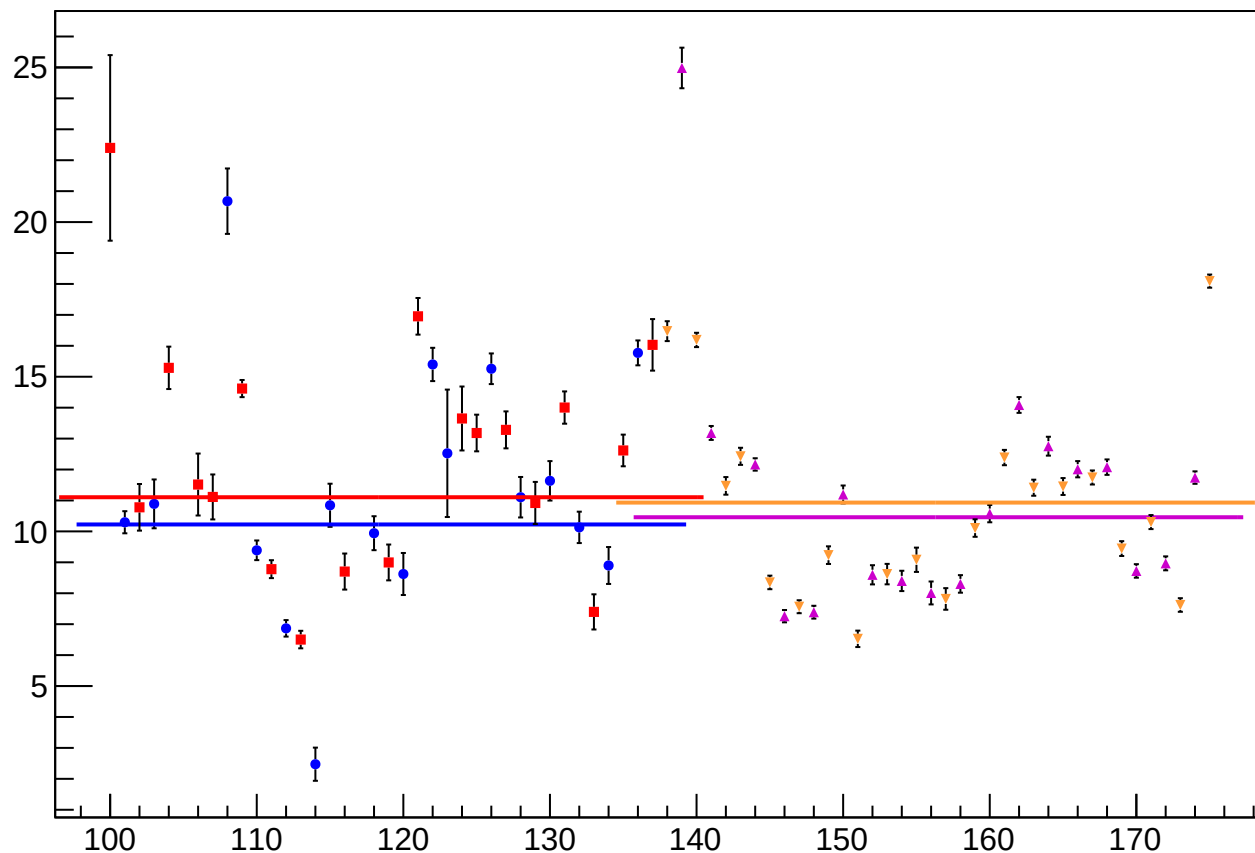
Left In: 13.520+/-0.080 χ^2/NDF : 3329.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.763+/-0.055 χ^2/NDF : 9219.3/37

- 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: 10.931 $\pm$ 0.057 χ^2 /NDF:3170.6/19

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

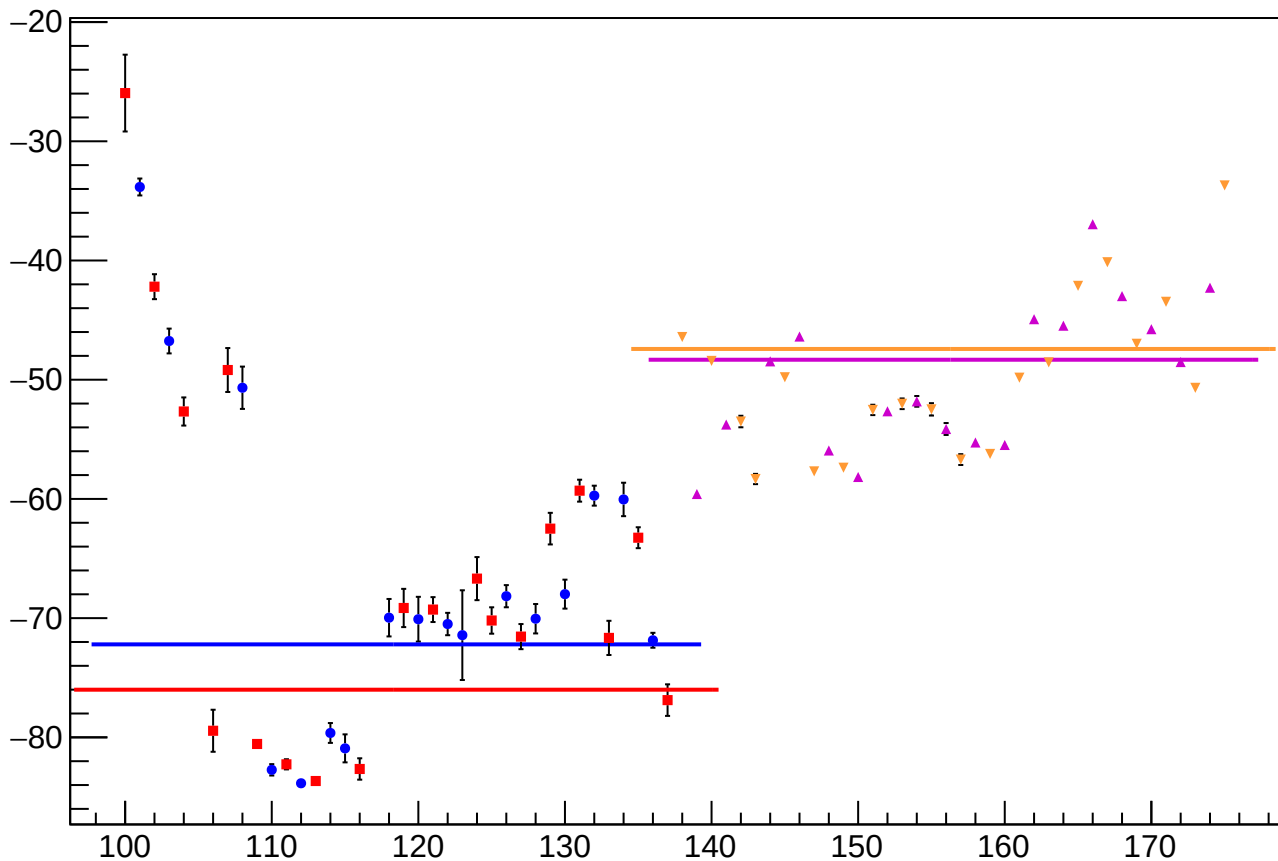
Left In: 10.457 $\pm$ 0.060 χ^2 /NDF:1852.9/17

+ sign 10.798 $\pm$ 0.052 χ^2 /NDF: 4076.9/36

All: 10.697 $\pm$ 0.037 χ^2 /NDF: 6779.2/73

- sign 10.592 $\pm$ 0.053 χ^2 /NDF: 2694.6/36

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -47.420 ± 0.077 χ^2/NDF : 8488.6/19

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

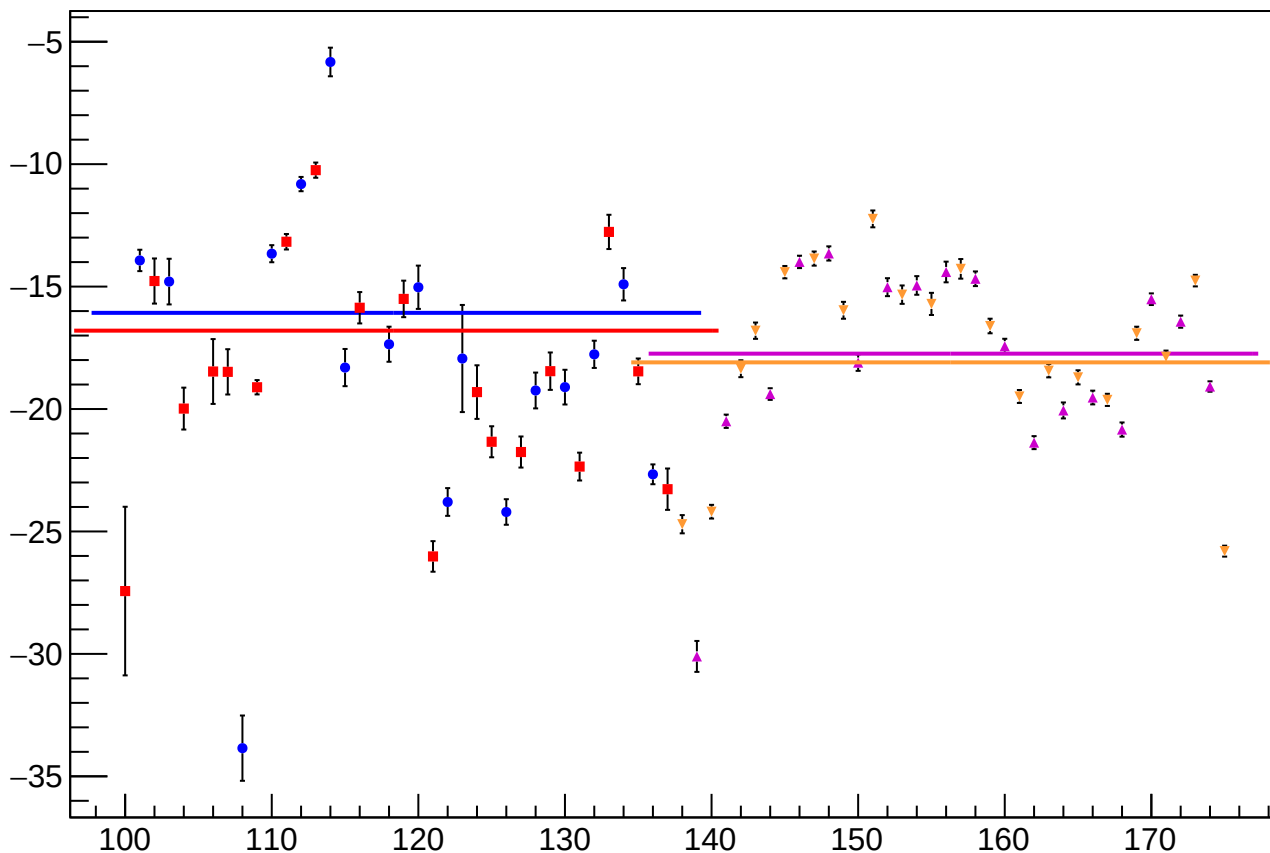
Left In: -48.324 ± 0.080 χ^2/NDF : 5705.9/17

+ sign -50.670 ± 0.072 χ^2/NDF : 27707.2/36

All: -51.731 ± 0.051 χ^2/NDF : 56914.2/73

- sign -52.836 ± 0.073 χ^2/NDF : 28758.7/36

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -18.095 ± 0.065 χ^2/NDF : 3238.1/19

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

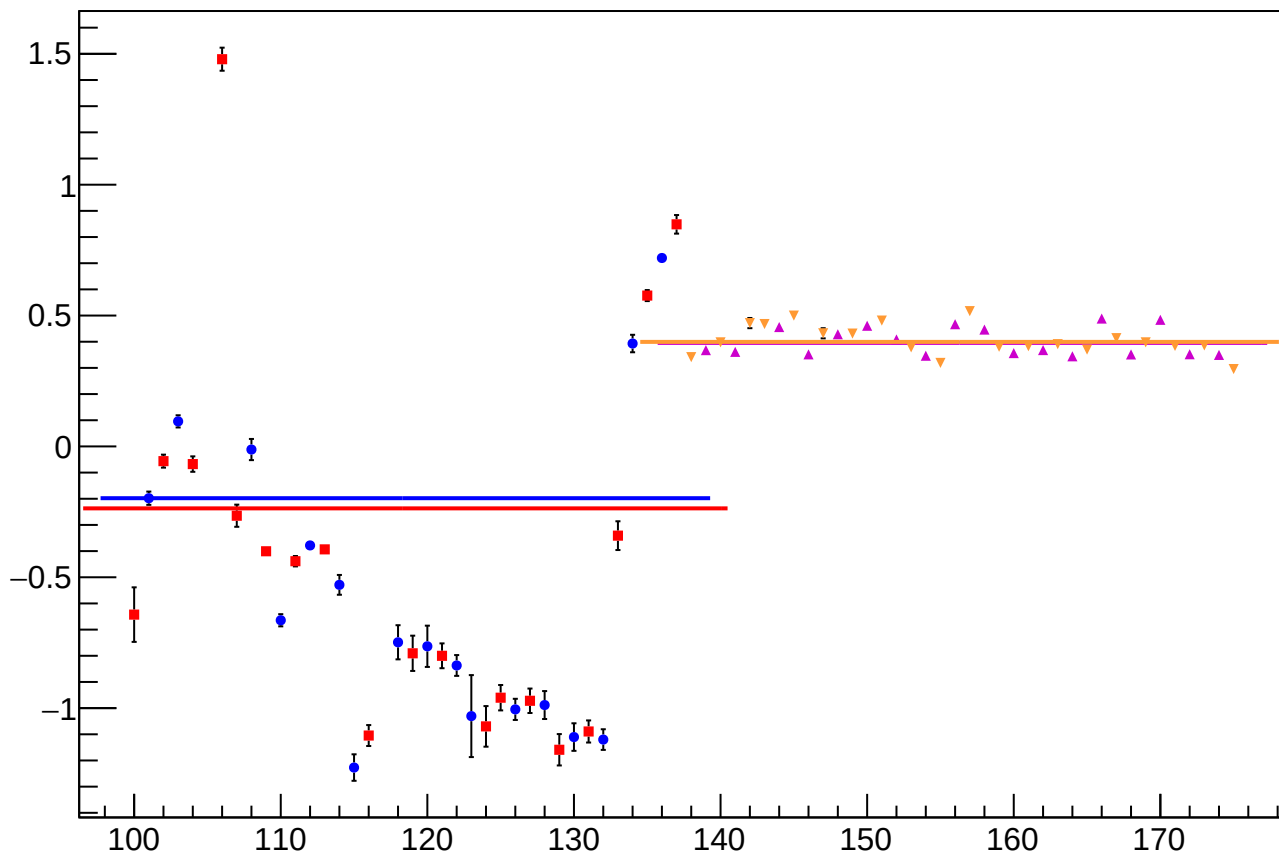
Left In: -17.739 ± 0.068 χ^2/NDF : 1776.6/17

+ sign -17.698 ± 0.059 χ^2/NDF : 5067.4/36

All: -17.617 ± 0.042 χ^2/NDF : 8105.6/73

- sign -17.532 ± 0.060 χ^2/NDF : 3034.3/36

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.399 ± 0.003 χ^2/NDF : 336.4/19

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

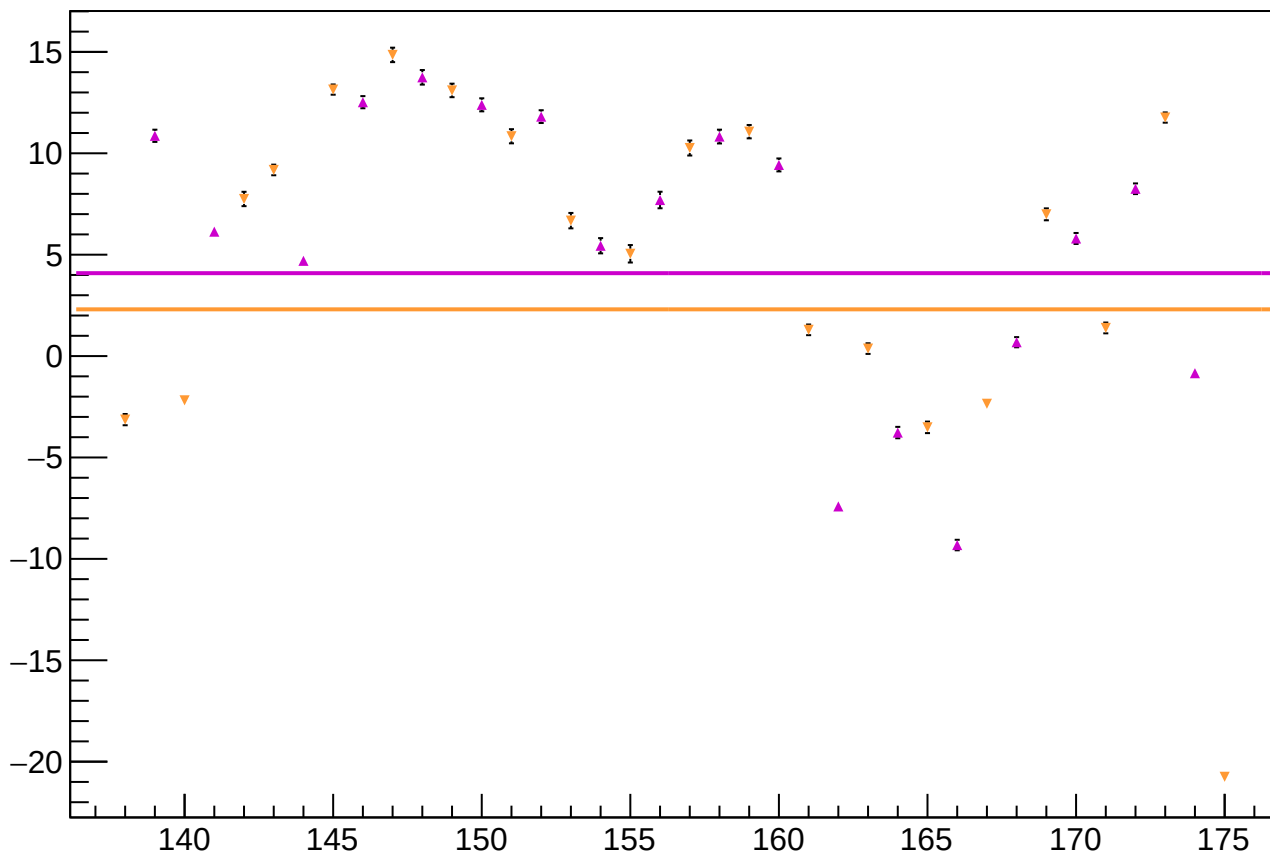
Left In: 0.395 ± 0.003 χ^2/NDF : 301.3/17

+ sign 0.316 ± 0.003 χ^2/NDF : 12075.5/36

All: 0.306 ± 0.002 χ^2/NDF : 25169.6/73

- sign 0.296 ± 0.003 χ^2/NDF : 13069.6/36

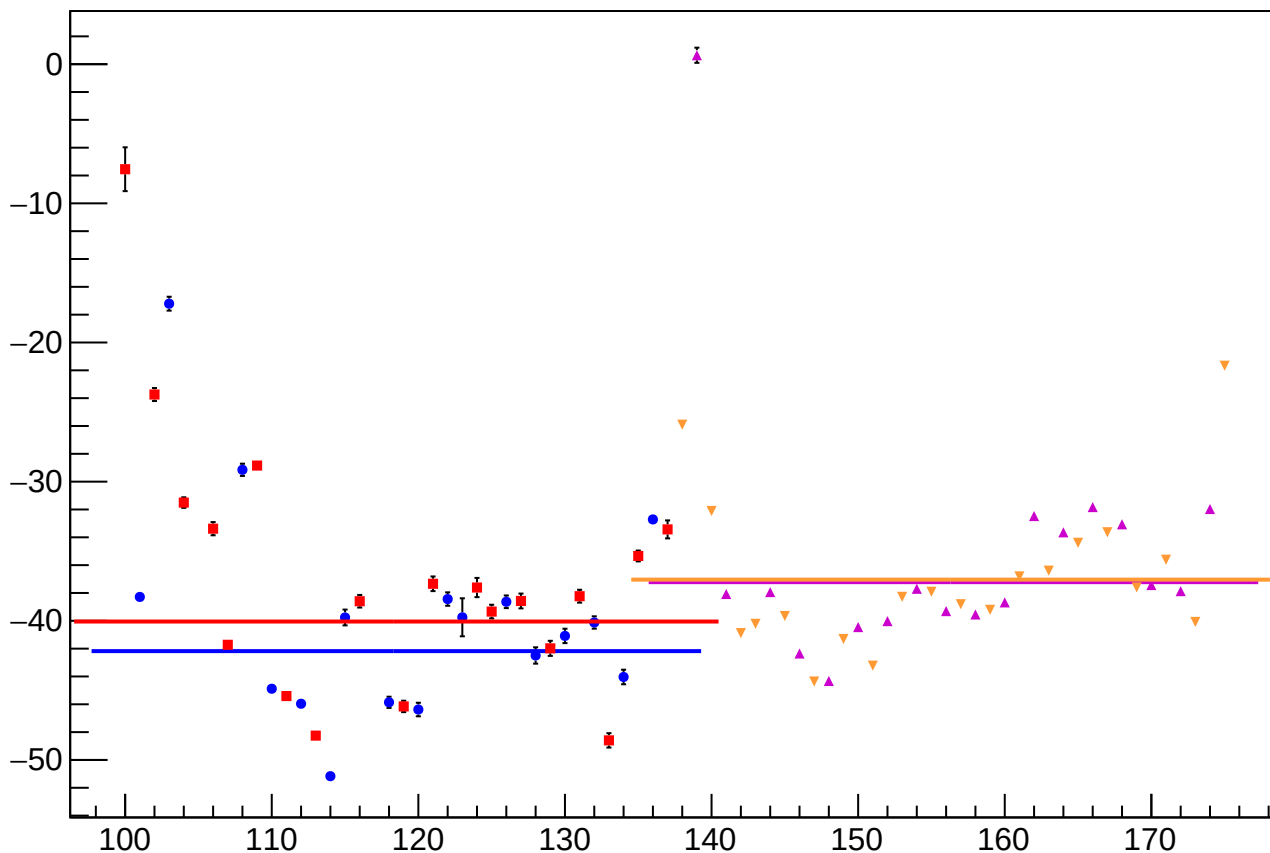
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.305 $\pm$ 0.063 χ^2/NDF :23946.1/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 4.089 $\pm$ 0.066 χ^2/NDF :10893.7/17

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 3.153 $\pm$ 0.046 χ^2/NDF : 35220.5/37
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -37.042 ± 0.047 χ^2/NDF : 13855.3/19

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

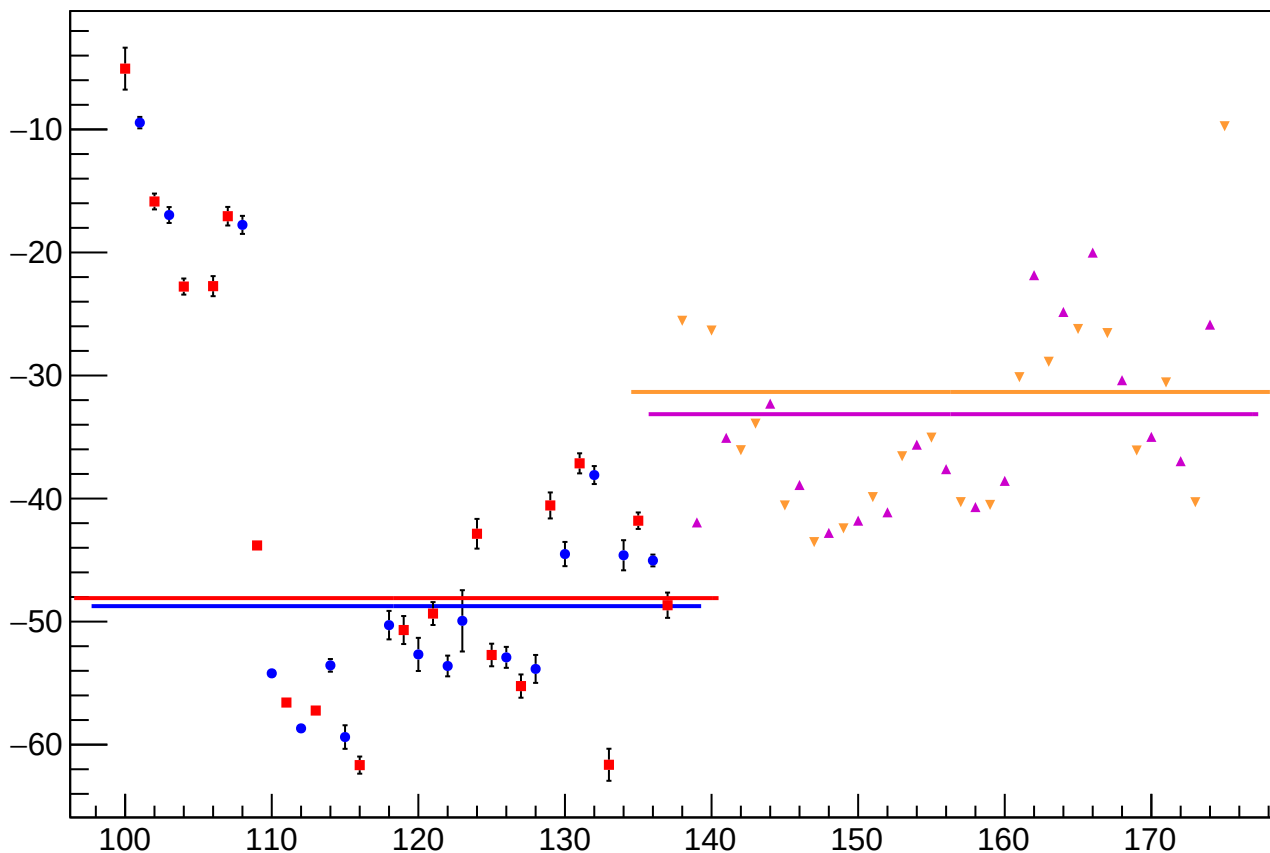
Left In: -37.222 ± 0.050 χ^2/NDF : 10467.7/17

+ sign -38.408 ± 0.040 χ^2/NDF : 23631.9/36

All: -38.268 ± 0.029 χ^2/NDF : 46469.9/73

- sign -38.121 ± 0.041 χ^2/NDF : 22812.9/36

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -31.336 ± 0.063 χ^2/NDF : 21538.9/19

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

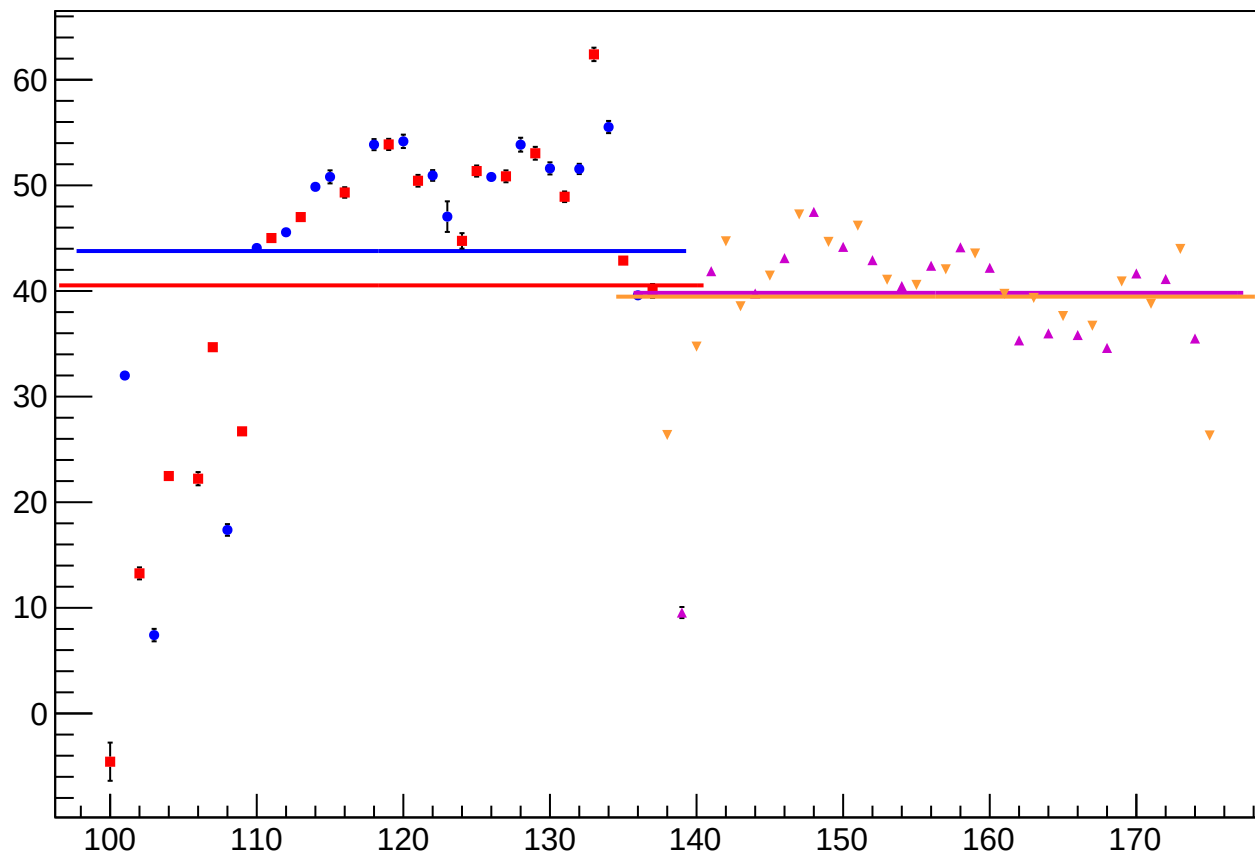
Left In: -33.142 ± 0.066 χ^2/NDF : 11844.4/17

+ sign -34.899 ± 0.056 χ^2/NDF : 51762.2/36

All: -36.082 ± 0.040 χ^2/NDF : 90298.6/73

- sign -37.264 ± 0.056 χ^2/NDF : 37654.4/36

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 39.463 $\pm$ 0.053 χ^2 /NDF:10366.8/19

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

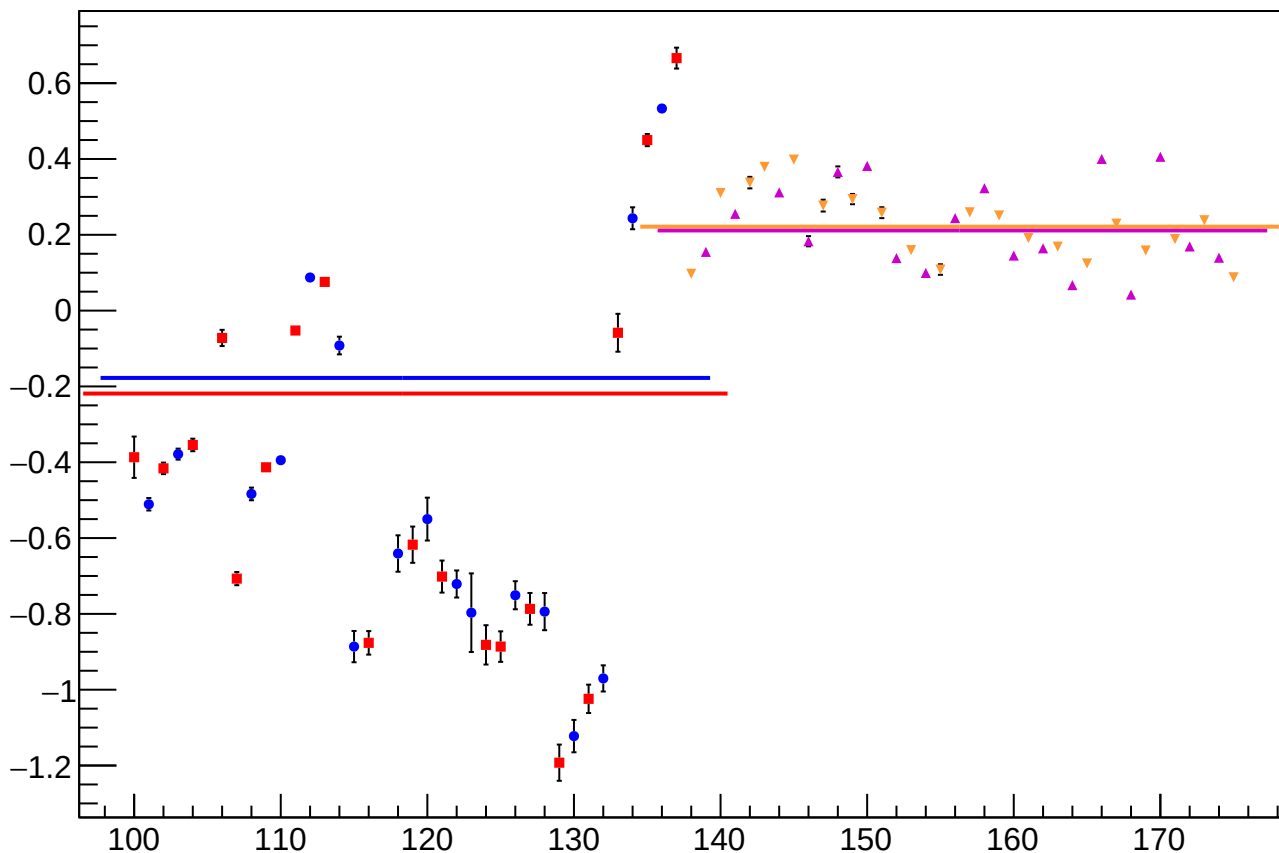
Left In: 39.822 $\pm$ 0.056 χ^2 /NDF:7583.0/17

+ sign 40.654 $\pm$ 0.045 χ^2 /NDF: 22805.9/36

All: 40.360 $\pm$ 0.032 χ^2 /NDF: 48106.8/73

- sign 40.057 $\pm$ 0.046 χ^2 /NDF: 25215.9/36

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.221 ± 0.002 χ^2/NDF : 1229.8/19

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

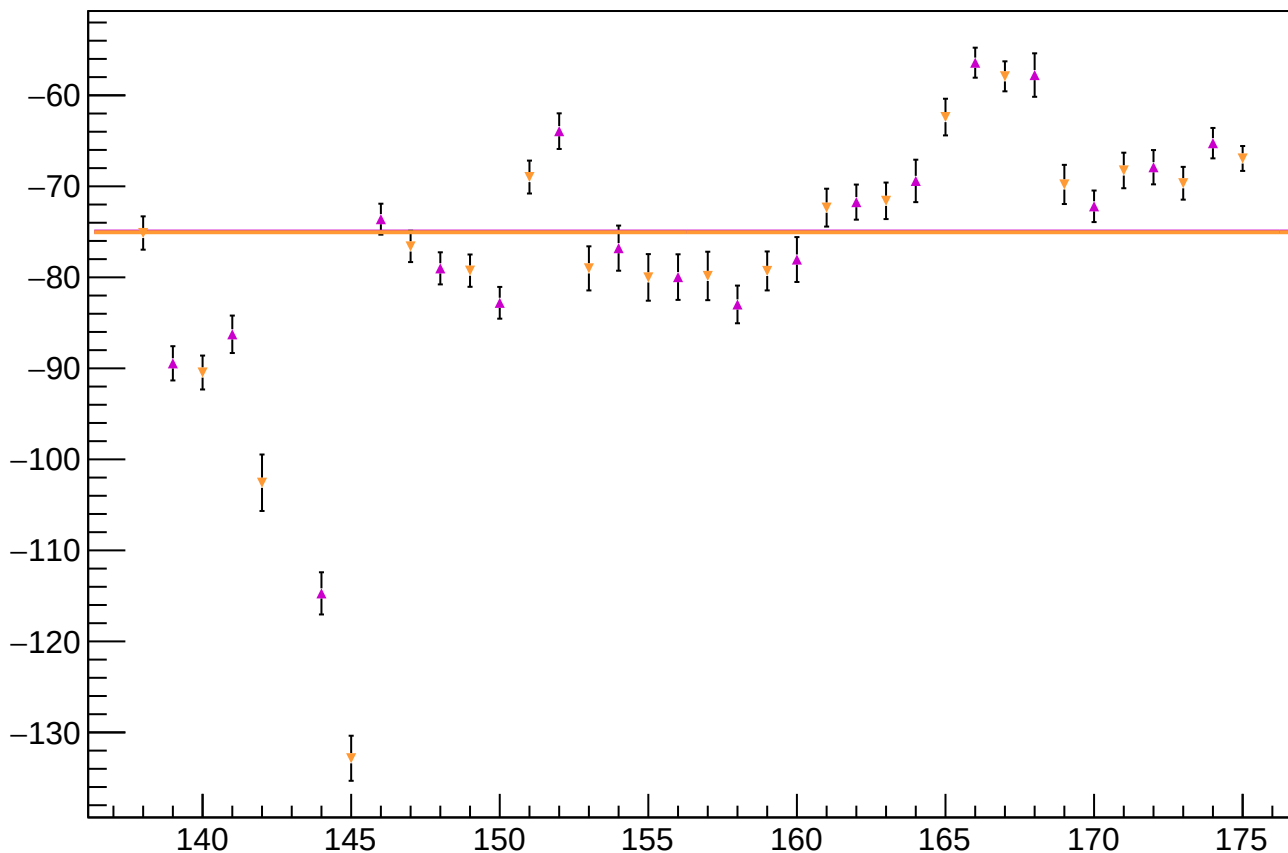
Left In: 0.212 ± 0.003 χ^2/NDF : 1922.6/17

+ sign 0.137 ± 0.002 χ^2/NDF : 13981.5/36

All: 0.118 ± 0.002 χ^2/NDF : 30910.4/73

- sign 0.098 ± 0.002 χ^2/NDF : 16773.2/36

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -75.042 $\pm$ 0.451 χ^2 /NDF: 937.8/18

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

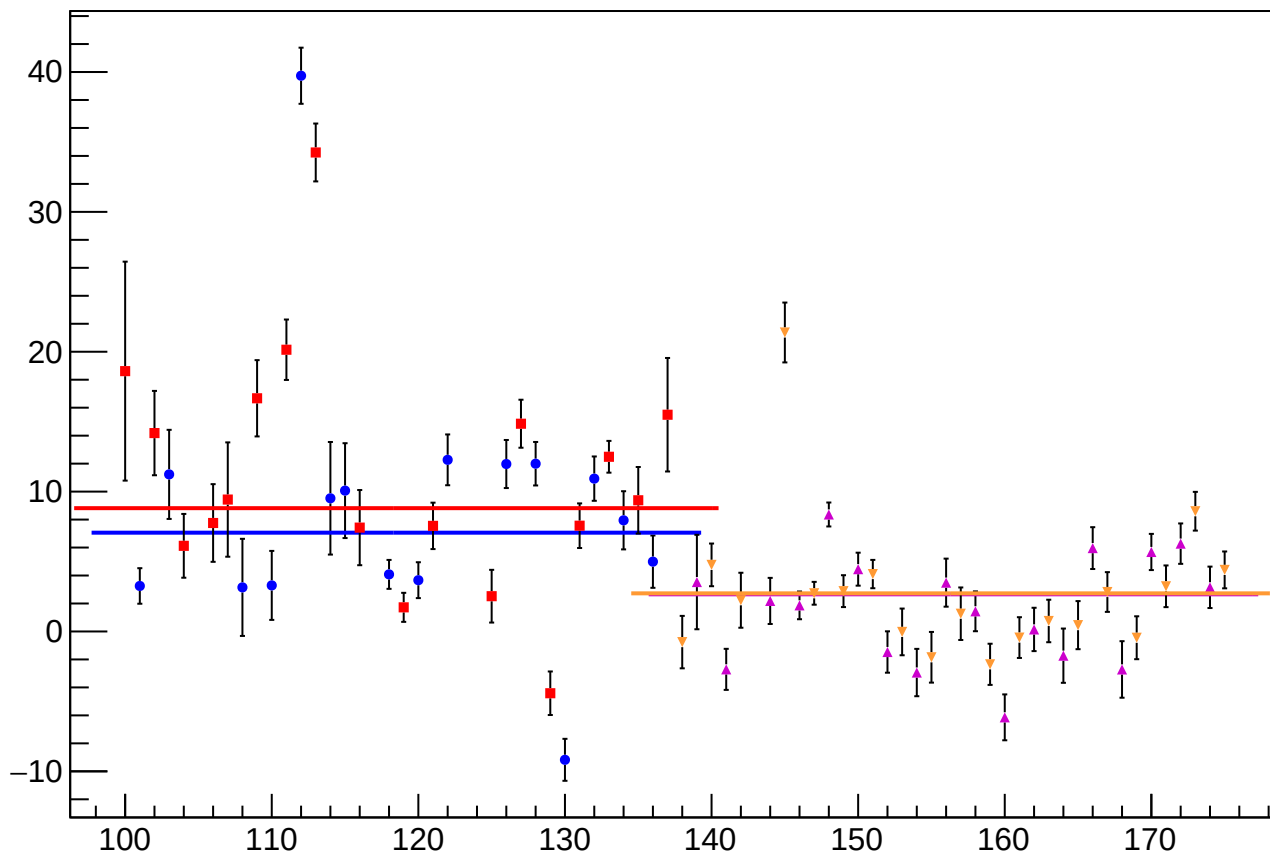
Left In: -74.974 $\pm$ 0.464 χ^2 /NDF: 699.6/17

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

All: -75.009 $\pm$ 0.323 χ^2 /NDF: 1637.4/36

- sign 0.000 $\pm$ 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: 2.725 ± 0.323 χ^2/NDF : 136.9/18

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

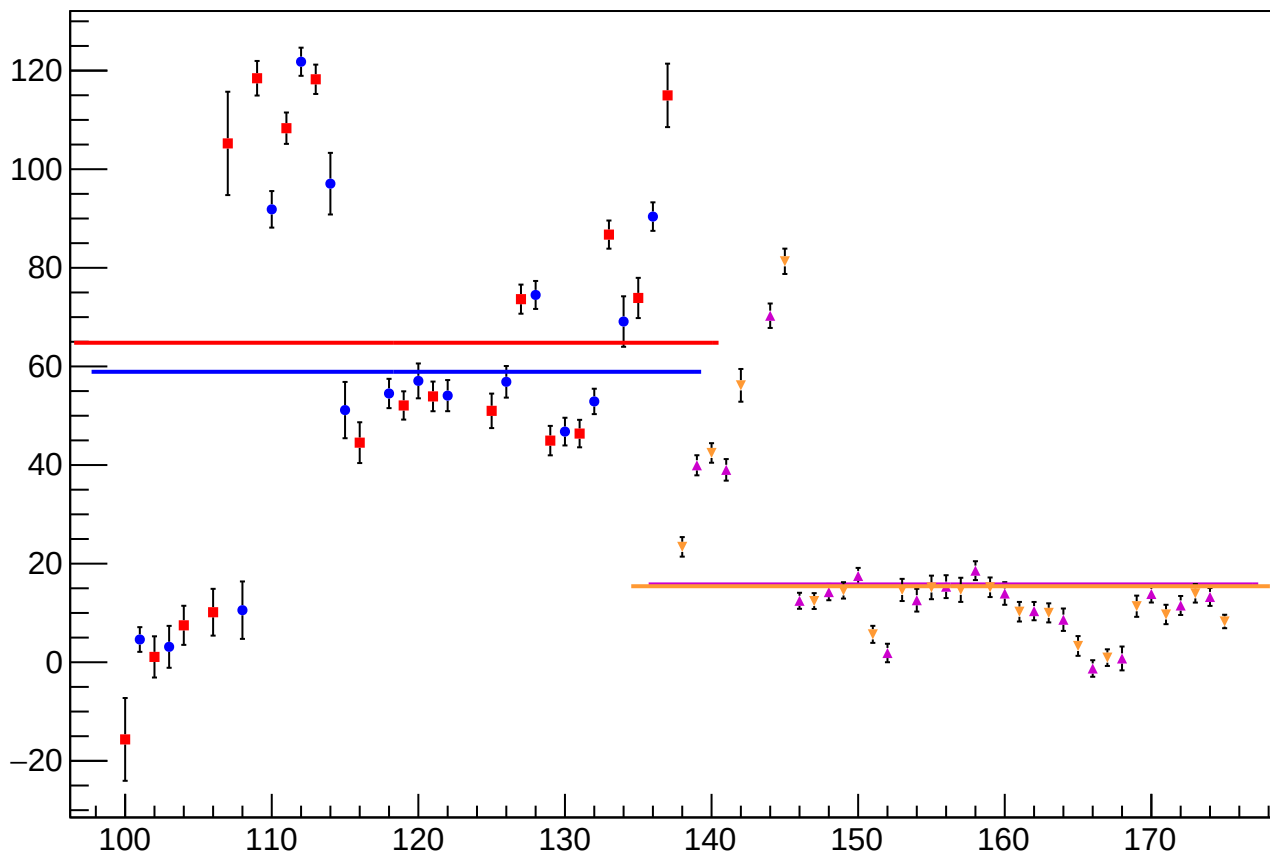
Left In: 2.655 ± 0.334 χ^2/NDF : 140.9/17

+ sign 4.276 ± 0.259 χ^2/NDF : 648.1/34

All: 4.555 ± 0.186 χ^2/NDF : 1262.8/70

- sign 4.854 ± 0.268 χ^2/NDF : 612.3/35

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 ± 0.831 χ^2/NDF : 1496.7/15

Left Out: 15.420 ± 0.445 χ^2/NDF : 1211.2/18

Right Out: 64.803 ± 0.840 χ^2/NDF : 1718.2/17

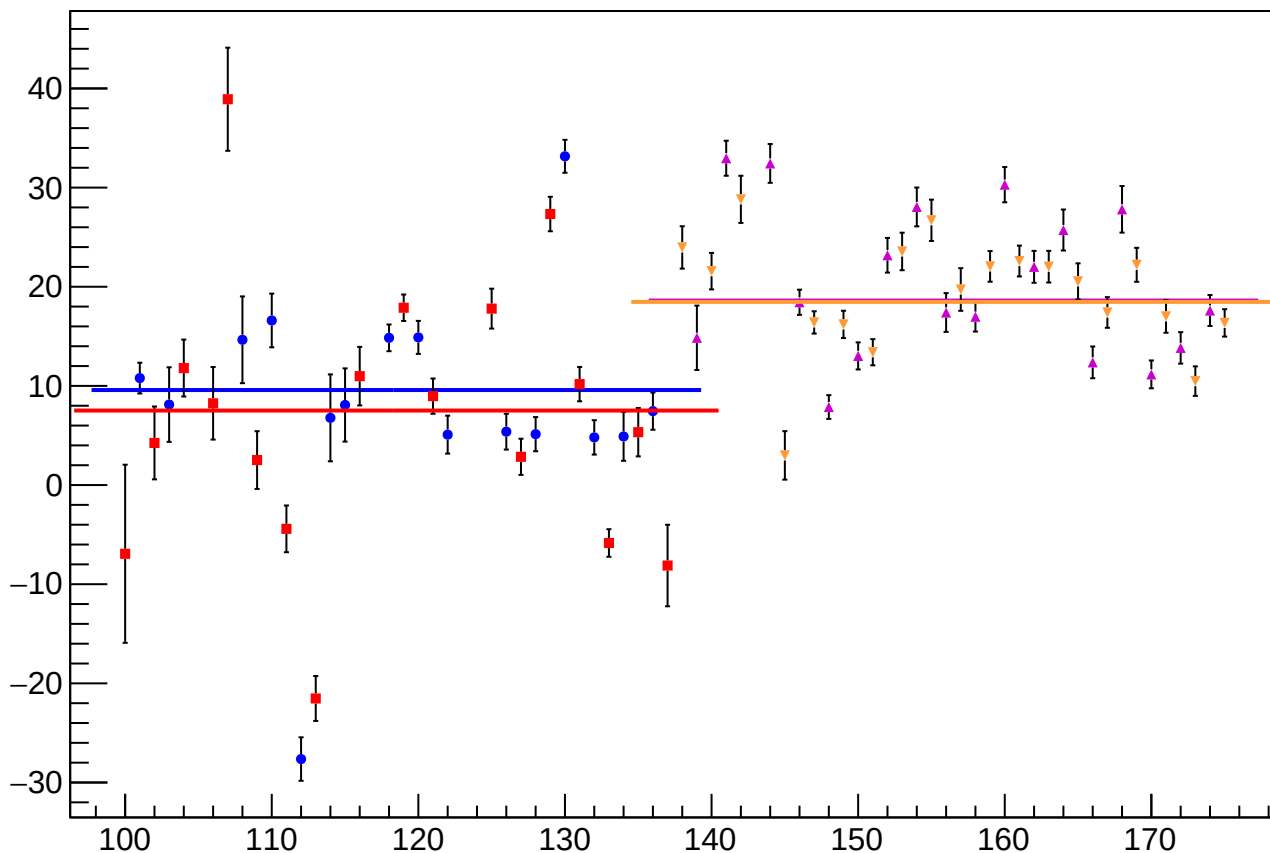
Left In: 15.786 ± 0.458 χ^2/NDF : 971.0/17

+ sign 25.109 ± 0.392 χ^2/NDF : 4834.9/34

All: 26.036 ± 0.281 χ^2/NDF : 10159.4/70

- sign 27.009 ± 0.402 χ^2/NDF : 5313.0/35

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 18.472 ± 0.375 χ^2/NDF : 168.3/18

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

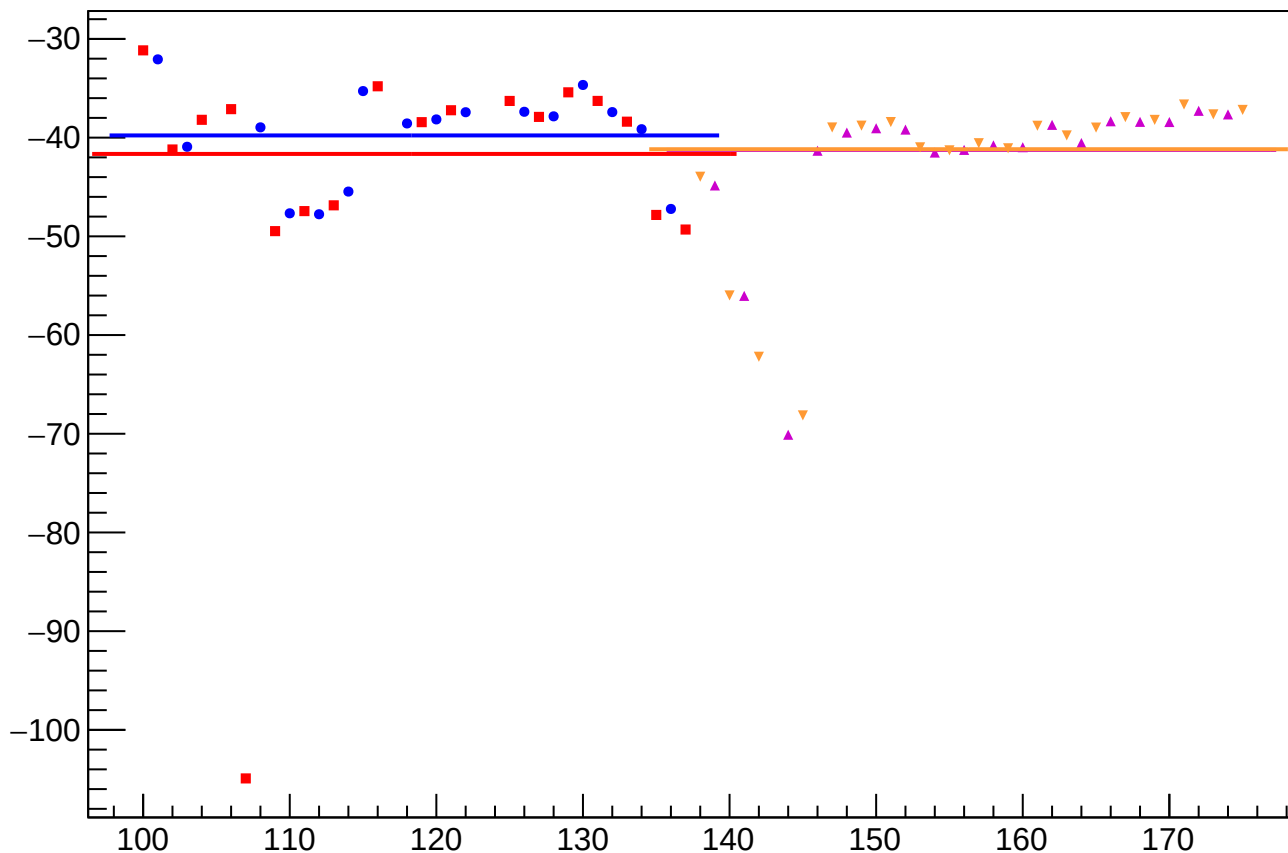
Left In: 18.609 ± 0.388 χ^2/NDF : 373.8/17

+ sign 15.280 ± 0.300 χ^2/NDF : 924.4/34

All: 14.951 ± 0.216 χ^2/NDF : 2166.0/70

- sign 14.601 ± 0.310 χ^2/NDF : 1239.2/35

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -41.176 ± 0.018 χ^2/NDF : 145229.0/18

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

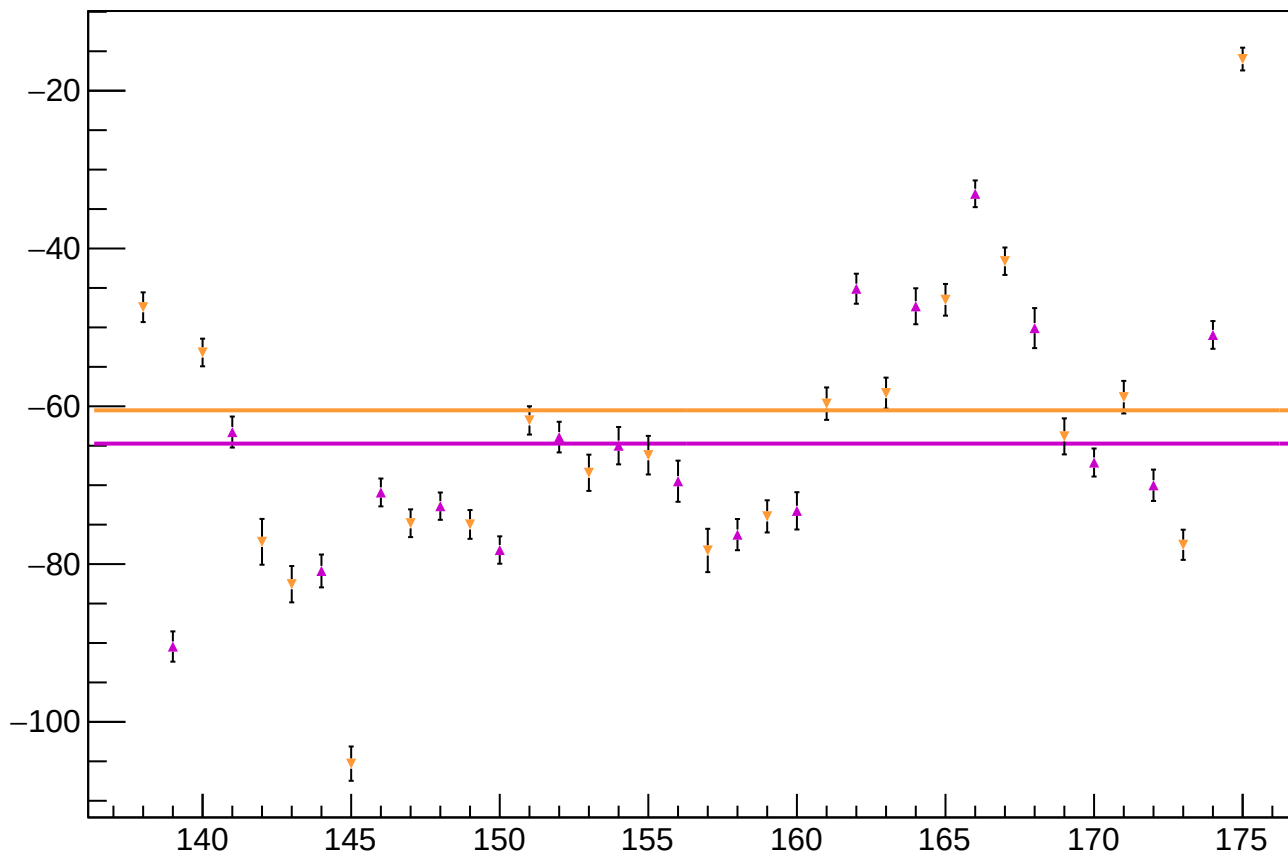
Left In: -41.246 ± 0.018 χ^2/NDF : 115349.0/17

+ sign -40.831 ± 0.015 χ^2/NDF : 172915.1/34

All: -41.087 ± 0.011 χ^2/NDF : 383403.3/70

- sign -41.346 ± 0.016 χ^2/NDF : 209933.3/35

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -60.509+/-0.445 χ^2/NDF : 2048.6/19

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

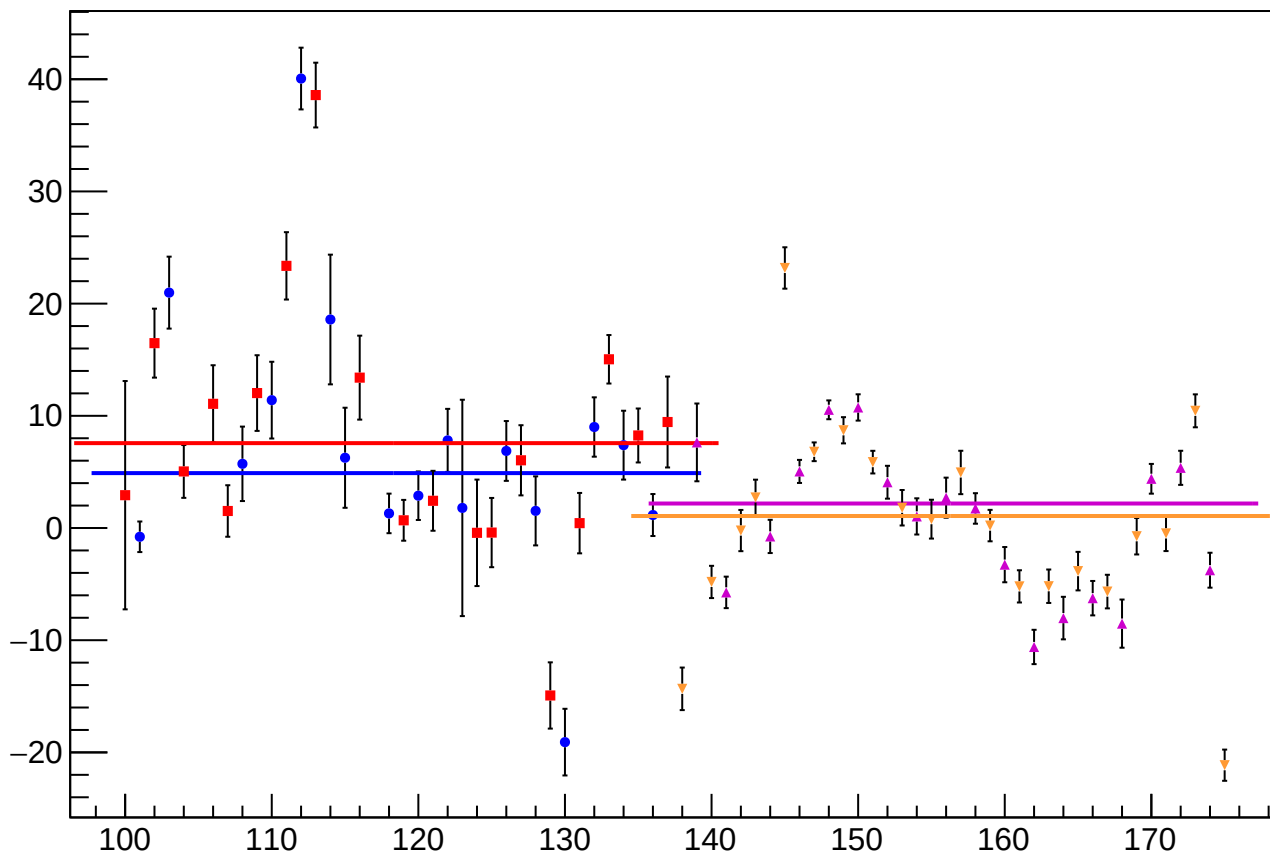
Left In: -64.729+/-0.464 χ^2/NDF : 1002.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.531+/-0.321 χ^2/NDF : 3093.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 1.070 ± 0.318 χ^2/NDF : 708.3/19

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

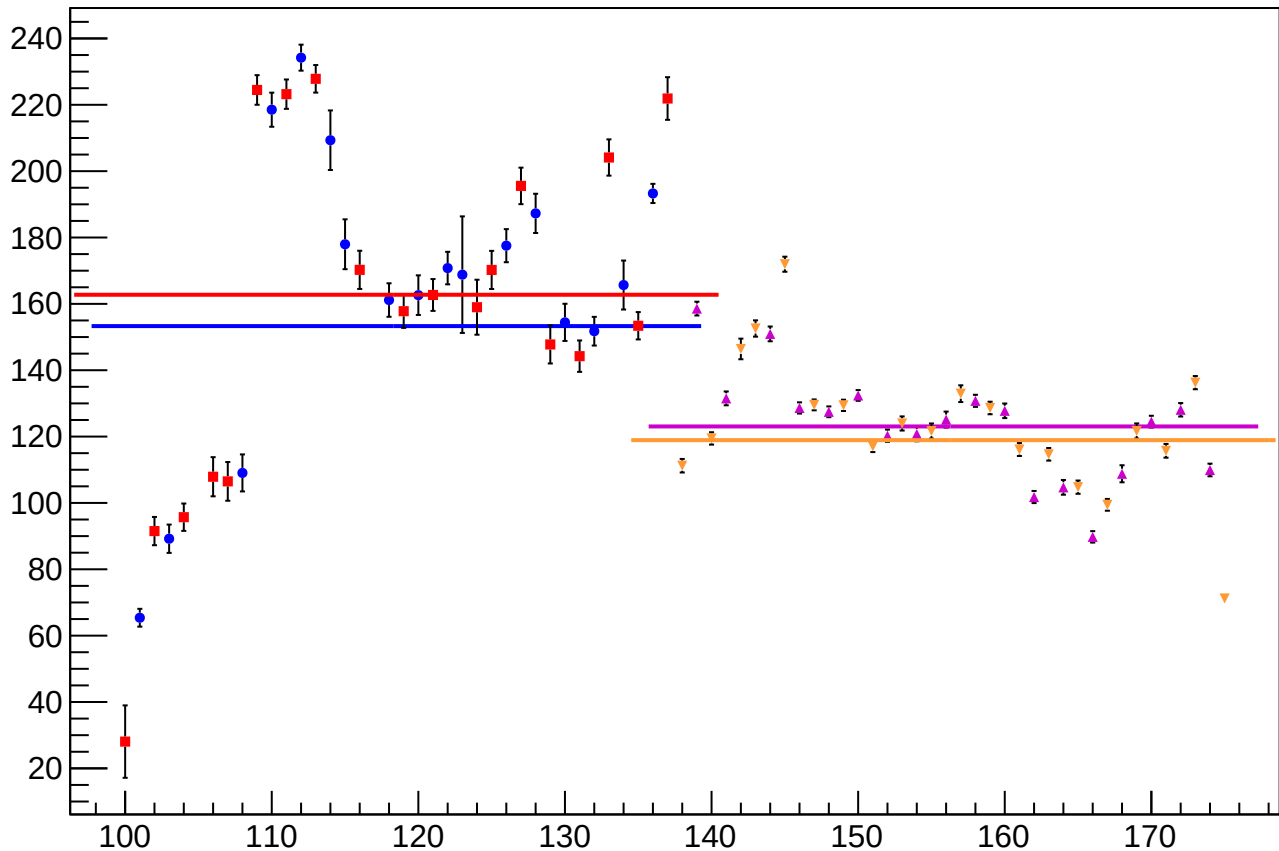
Left In: 2.183 ± 0.333 χ^2/NDF : 388.5/17

+ sign 1.863 ± 0.283 χ^2/NDF : 1033.7/36

All: 2.547 ± 0.205 χ^2/NDF : 1758.7/73

- sign 3.298 ± 0.297 χ^2/NDF : 712.7/36

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 ± 1.145 $\chi^2/\text{NDF}: 2266.8/16$

Left Out: 118.924 ± 0.440 $\chi^2/\text{NDF}: 2324.2/19$

Right Out: 162.747 ± 1.177 $\chi^2/\text{NDF}: 1708.7/18$

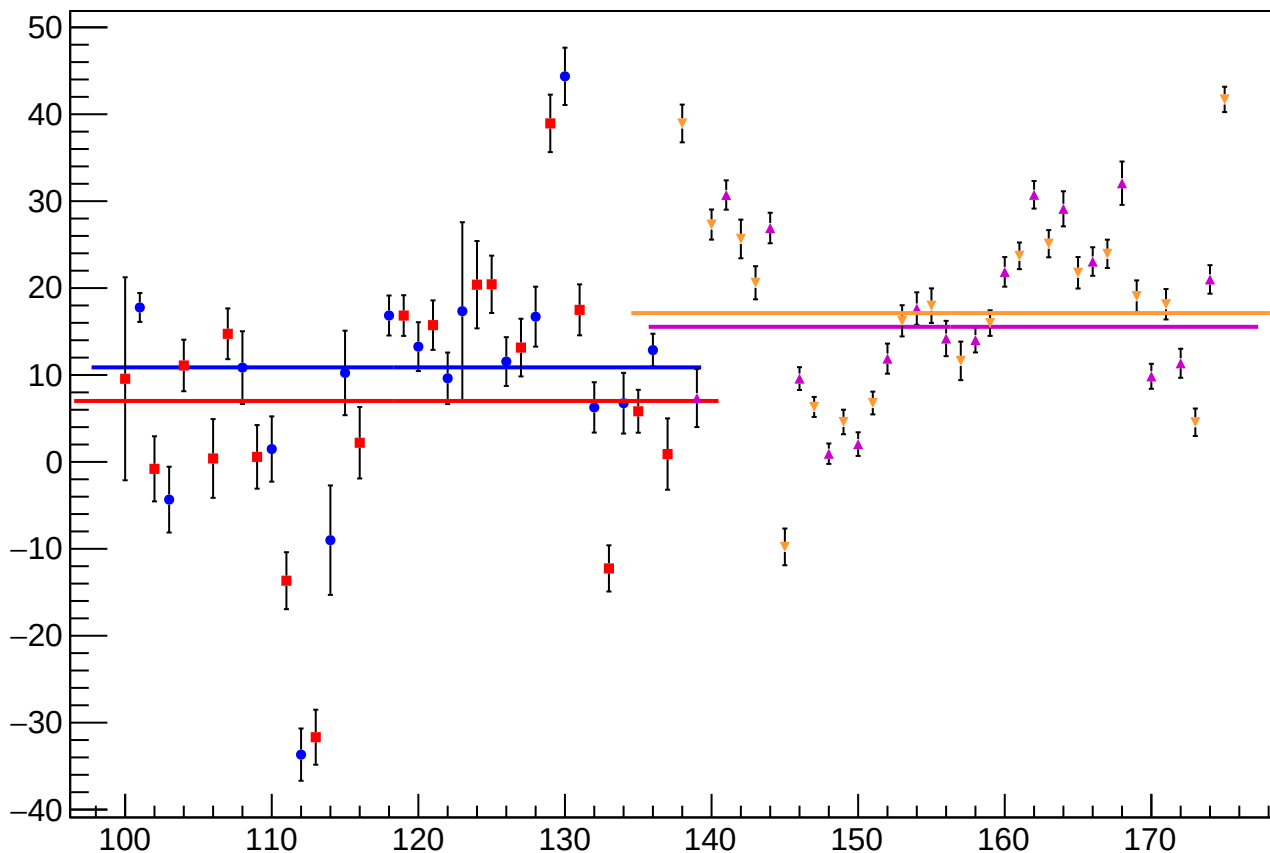
Left In: 123.052 ± 0.458 $\chi^2/\text{NDF}: 1204.3/17$

+ sign 123.357 ± 0.411 $\chi^2/\text{NDF}: 5376.3/36$

All: 125.723 ± 0.296 $\chi^2/\text{NDF}: 9346.6/73$

- sign 128.273 ± 0.427 $\chi^2/\text{NDF}: 3901.4/36$

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF : 388.1/16

Left Out: 17.123+/-0.369 χ^2/NDF : 969.3/19

Right Out: 7.014+/-0.748 χ^2/NDF : 424.5/18

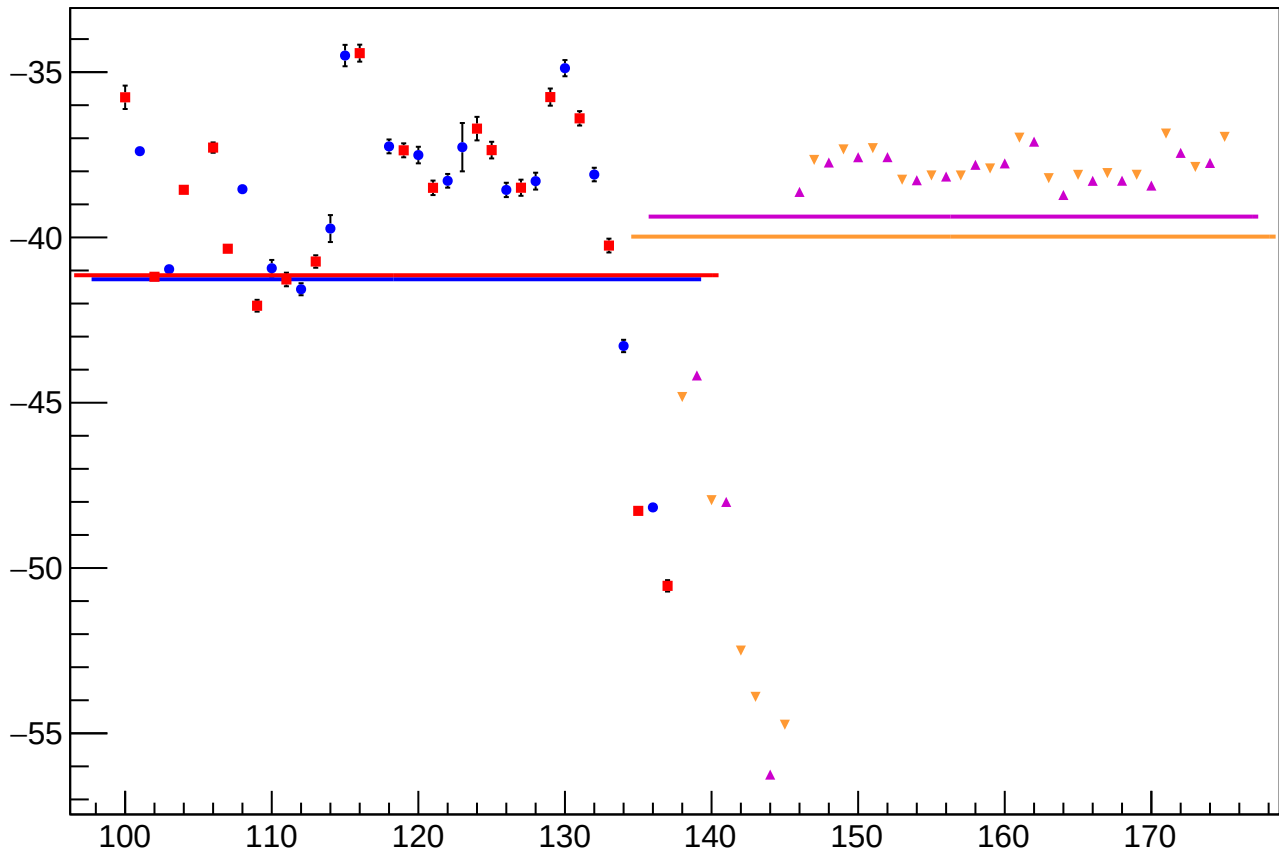
Left In: 15.543+/-0.387 χ^2/NDF : 657.5/17

+ sign 15.802+/-0.328 χ^2/NDF : 1417.9/36

All: 14.821+/-0.237 χ^2/NDF : 2621.3/73

- sign 13.745+/-0.344 χ^2/NDF : 1184.6/36

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -39.975 ± 0.018 $\chi^2/\text{NDF}: 84589.4/19$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

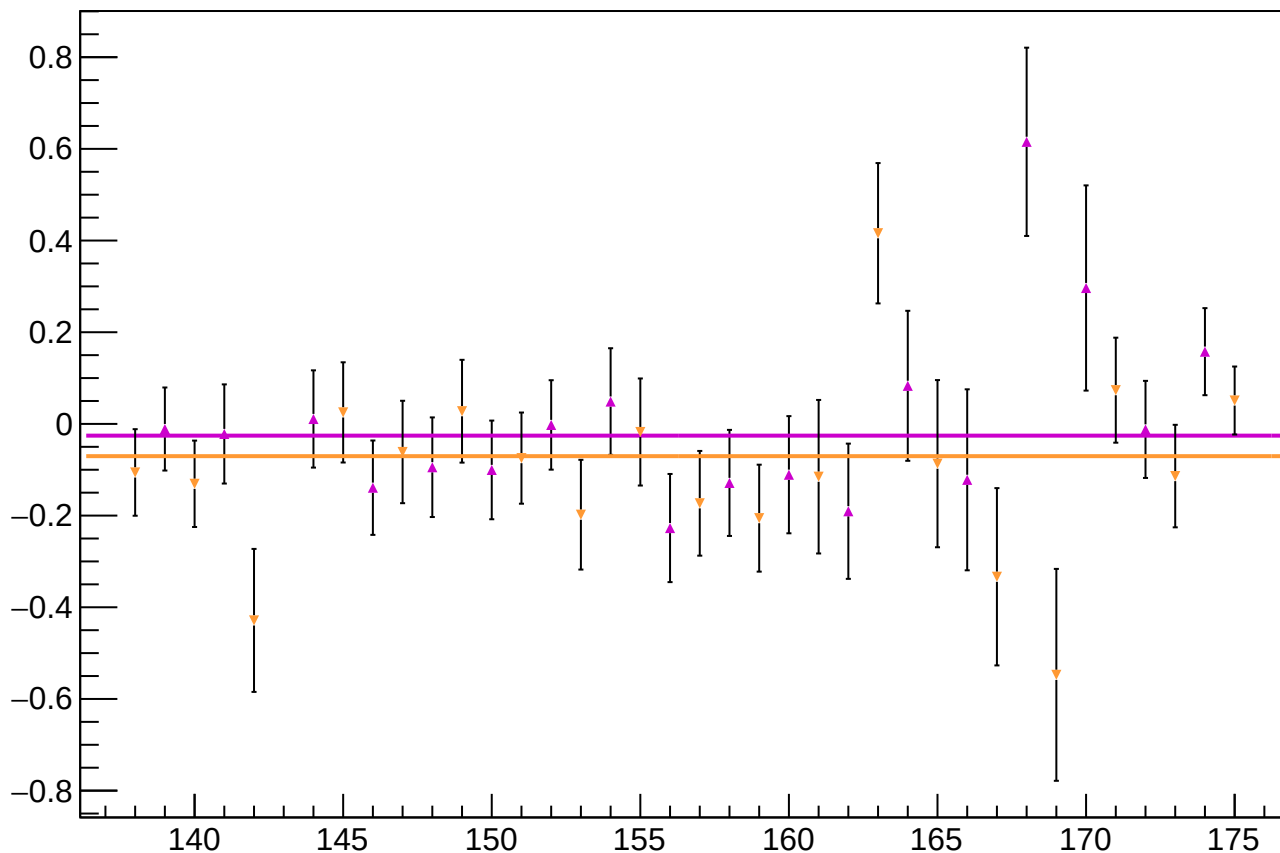
Left In: -39.370 ± 0.018 $\chi^2/\text{NDF}: 50913.2/17$

+ sign -40.198 ± 0.016 $\chi^2/\text{NDF}: 98088.6/36$

All: -39.945 ± 0.011 $\chi^2/\text{NDF}: 163466.3/73$

- sign -39.684 ± 0.016 $\chi^2/\text{NDF}: 64868.6/36$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.070 $\pm$ 0.027 χ^2 /NDF:31.6/18

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

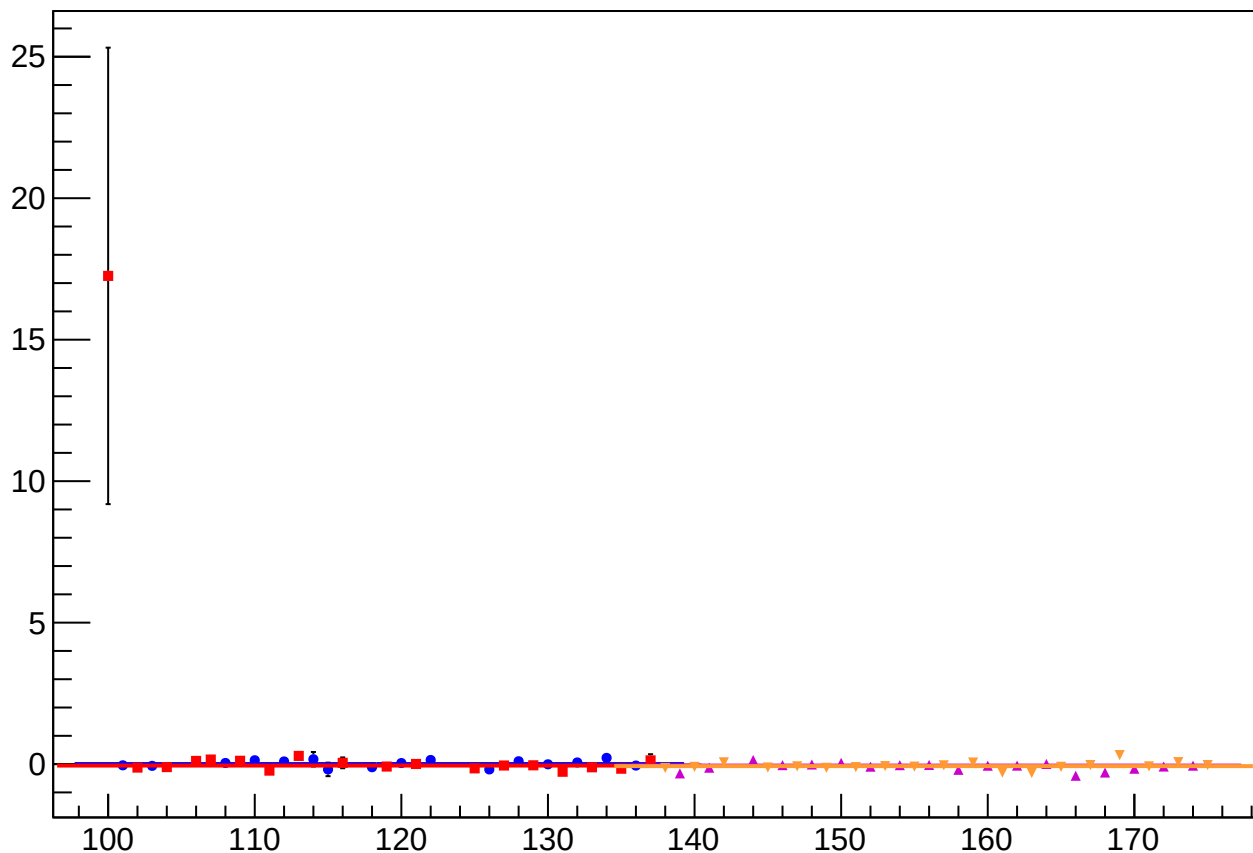
Left In: -0.026 $\pm$ 0.028 χ^2 /NDF:24.4/17

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

All: -0.049 $\pm$ 0.019 χ^2 /NDF: 57.3/36

- 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: -0.071 ± 0.019 χ^2/NDF : 23.0/18

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

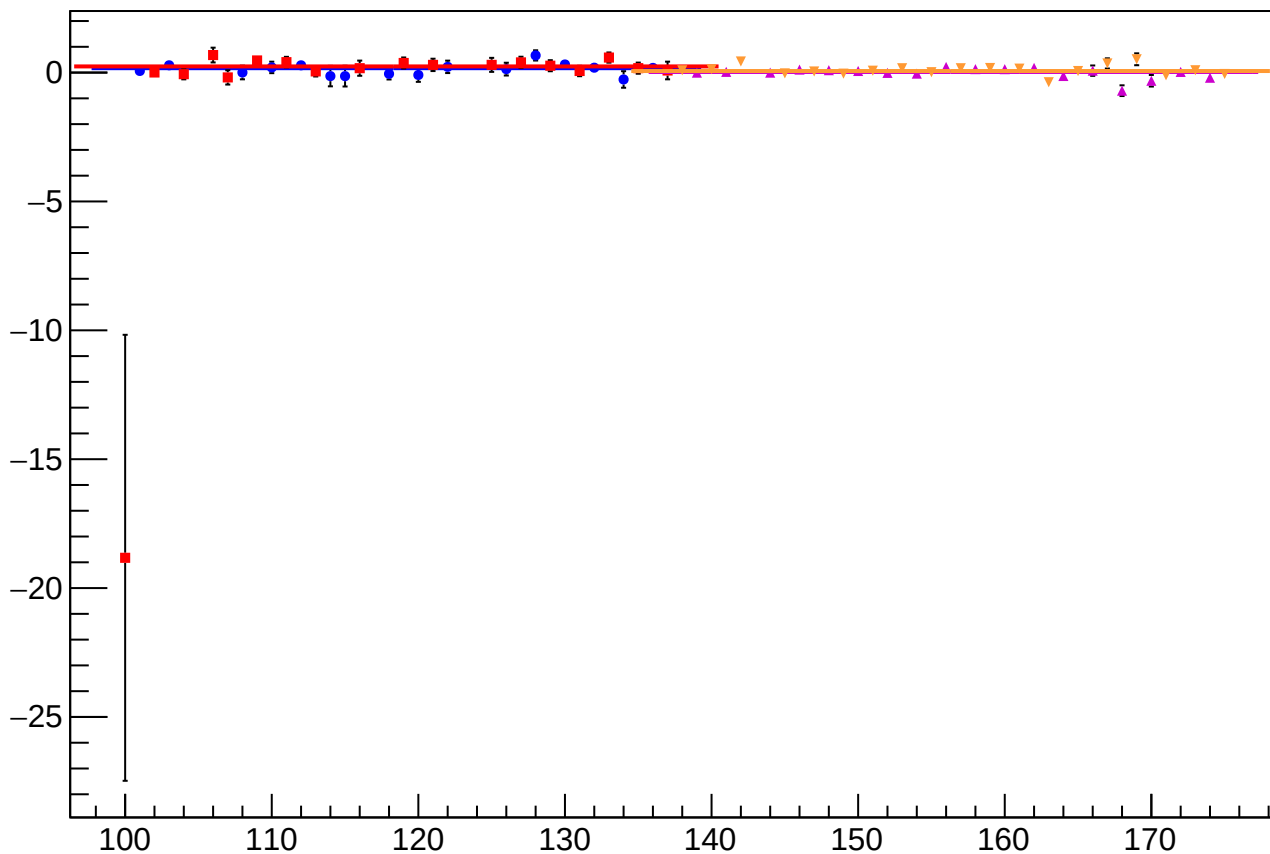
Left In: -0.053 ± 0.020 χ^2/NDF : 23.5/17

+ sign -0.048 ± 0.016 χ^2/NDF : 40.1/34

All: -0.050 ± 0.012 χ^2/NDF : 89.4/70

- sign -0.052 ± 0.017 χ^2/NDF : 49.3/35

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.060 $\pm$ 0.026 χ^2 /NDF:30.1/18

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

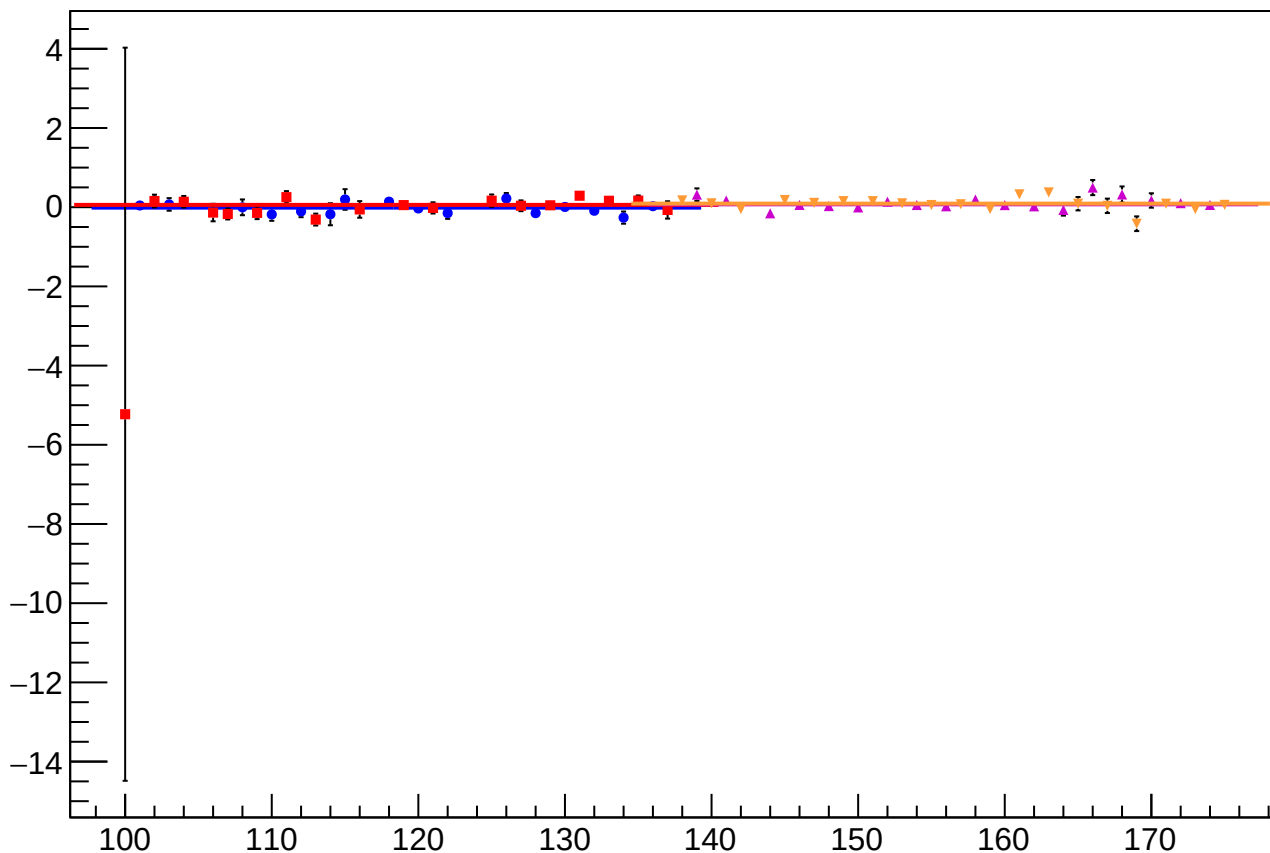
Left In: 0.022 $\pm$ 0.027 χ^2 /NDF:28.7/17

+ sign 0.083 $\pm$ 0.024 χ^2 /NDF: 47.3/34

All: 0.075 $\pm$ 0.017 χ^2 /NDF: 110.8/70

- sign 0.067 $\pm$ 0.024 χ^2 /NDF: 63.3/35

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.090 ± 0.023 χ^2/NDF : 25.4/18

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

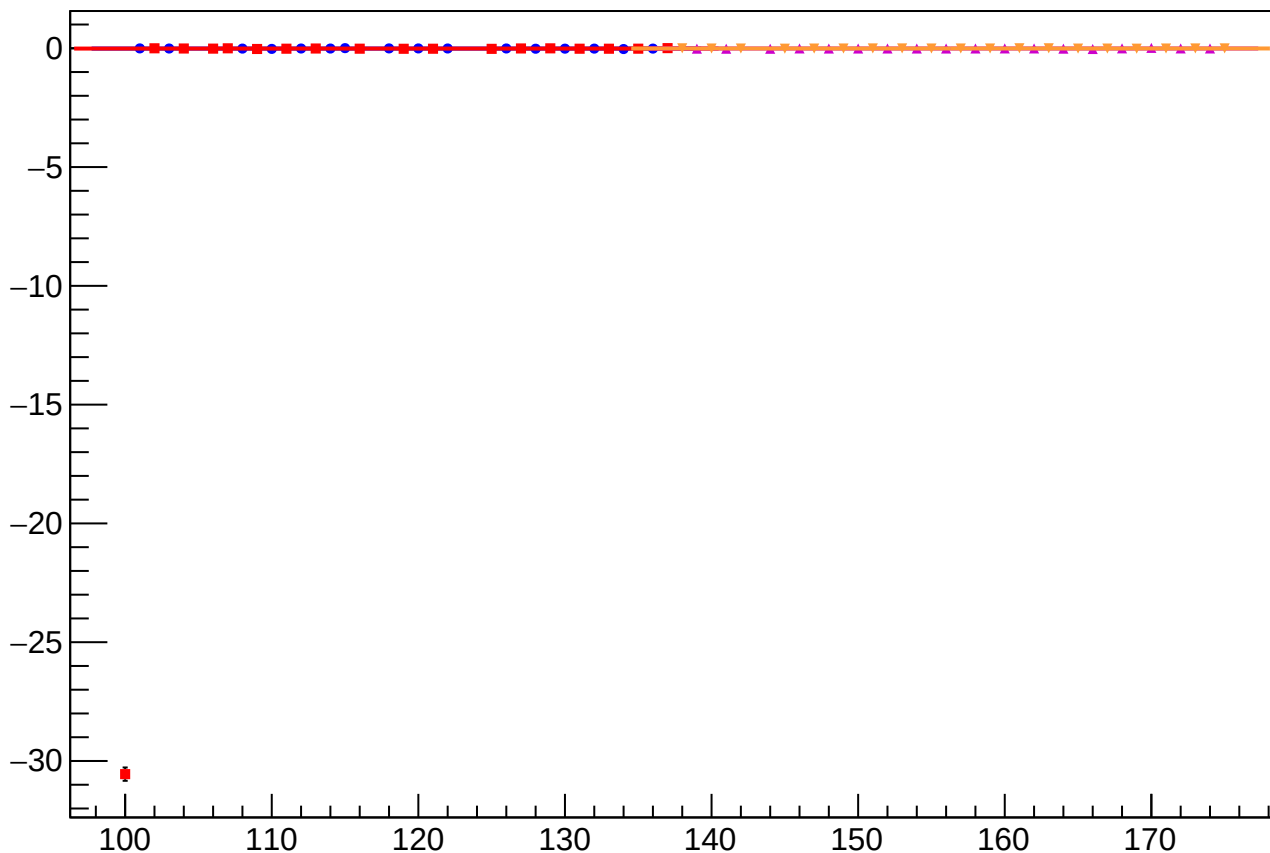
Left In: 0.072 ± 0.023 χ^2/NDF : 22.1/17

+ sign 0.057 ± 0.019 χ^2/NDF : 45.7/34

All: 0.062 ± 0.013 χ^2/NDF : 88.7/70

- sign 0.068 ± 0.019 χ^2/NDF : 42.8/35

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 15.2/18

Right Out: -0.012 ± 0.002 χ^2/NDF : 11891.5/17

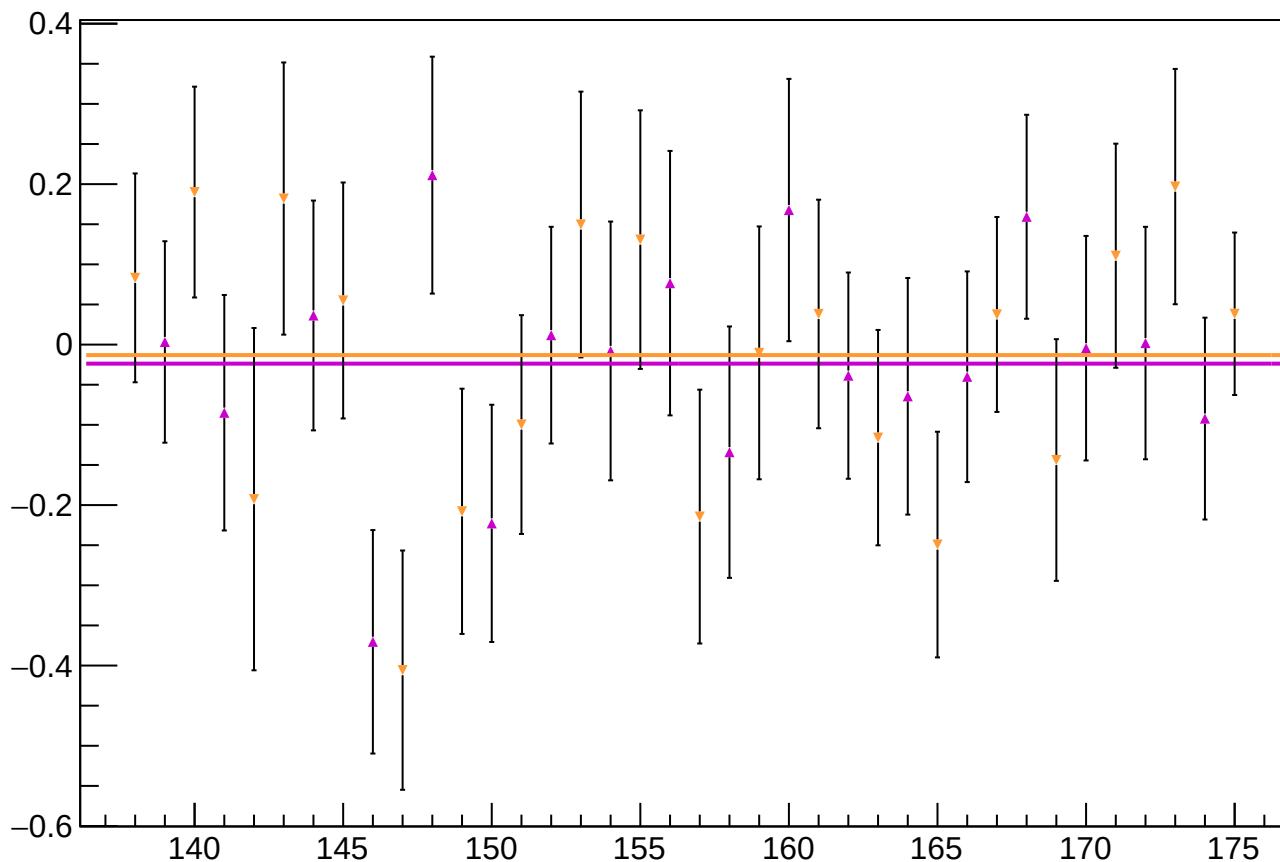
Left In: -0.010 ± 0.001 χ^2/NDF : 31.4/17

+ sign -0.009 ± 0.001 χ^2/NDF : 31.4/34

All: -0.010 ± 0.001 χ^2/NDF : 11956.7/70

- sign -0.010 ± 0.001 χ^2/NDF : 11924.3/35

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.013 $\pm$ 0.032 χ^2 /NDF: 25.1/19

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

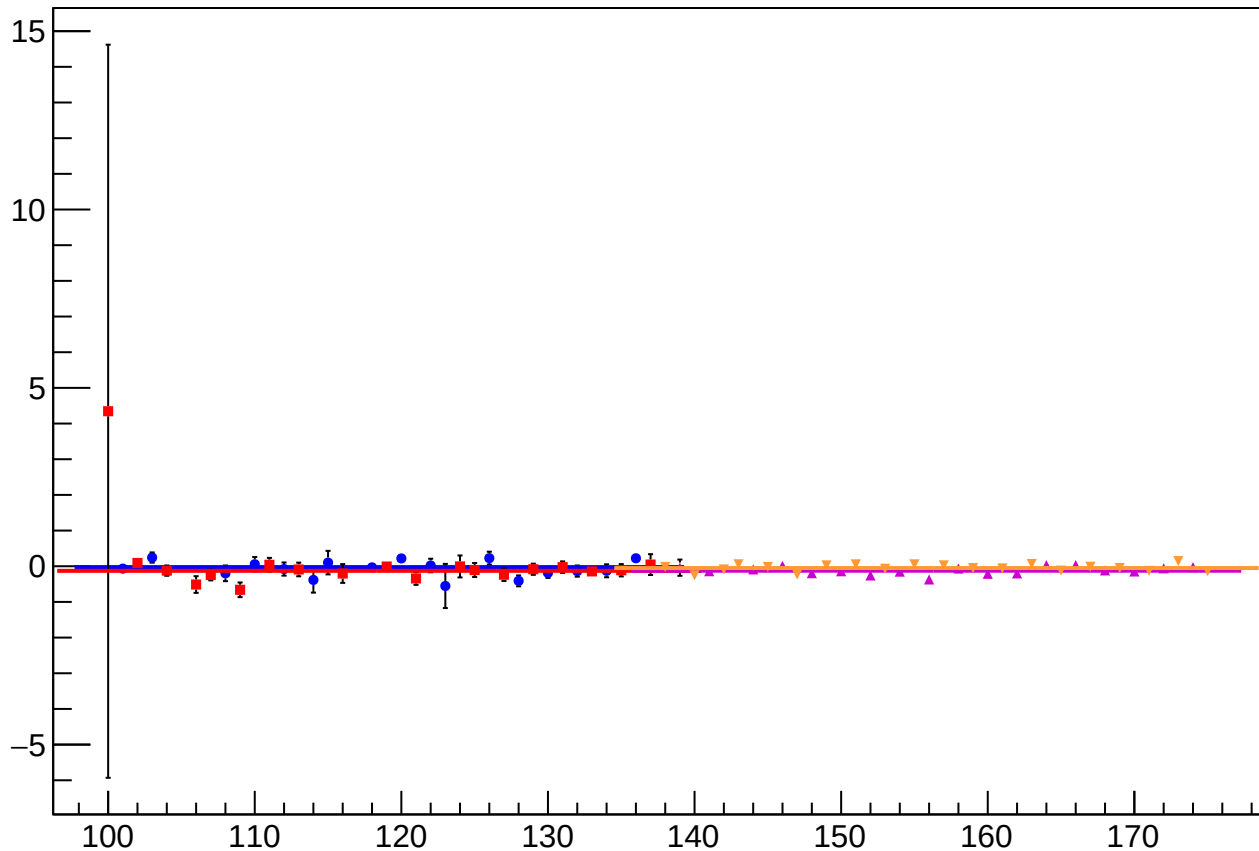
Left In: -0.024 $\pm$ 0.033 χ^2 /NDF: 15.8/17

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

All: -0.018 $\pm$ 0.023 χ^2 /NDF: 40.9/37

- 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: -0.051 ± 0.023 χ^2/NDF : 20.8/19

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

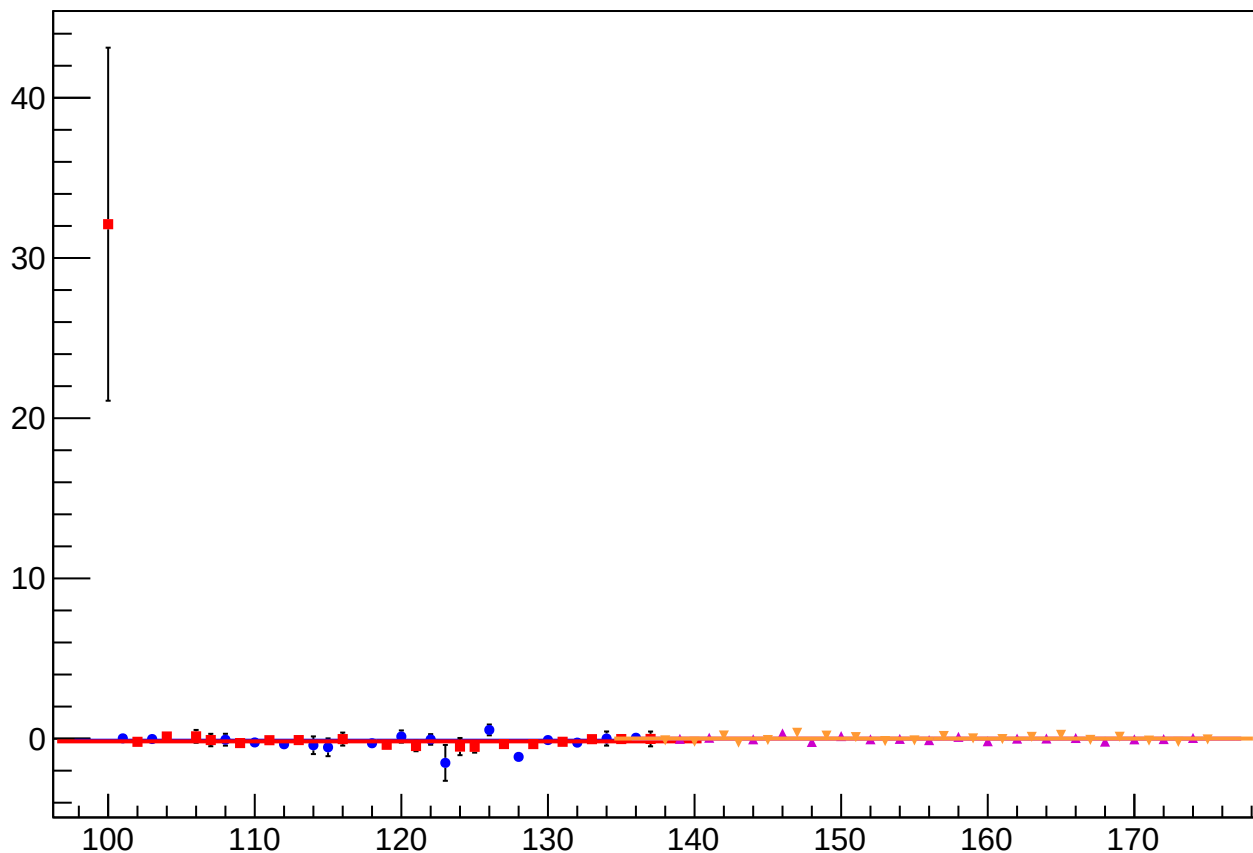
Left In: -0.125 ± 0.025 χ^2/NDF : 16.6/17

+ sign -0.043 ± 0.020 χ^2/NDF : 44.5/36

All: -0.082 ± 0.014 χ^2/NDF : 87.0/73

- sign -0.126 ± 0.021 χ^2/NDF : 34.2/36

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.004 ± 0.032 χ^2/NDF : 24.7/19

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

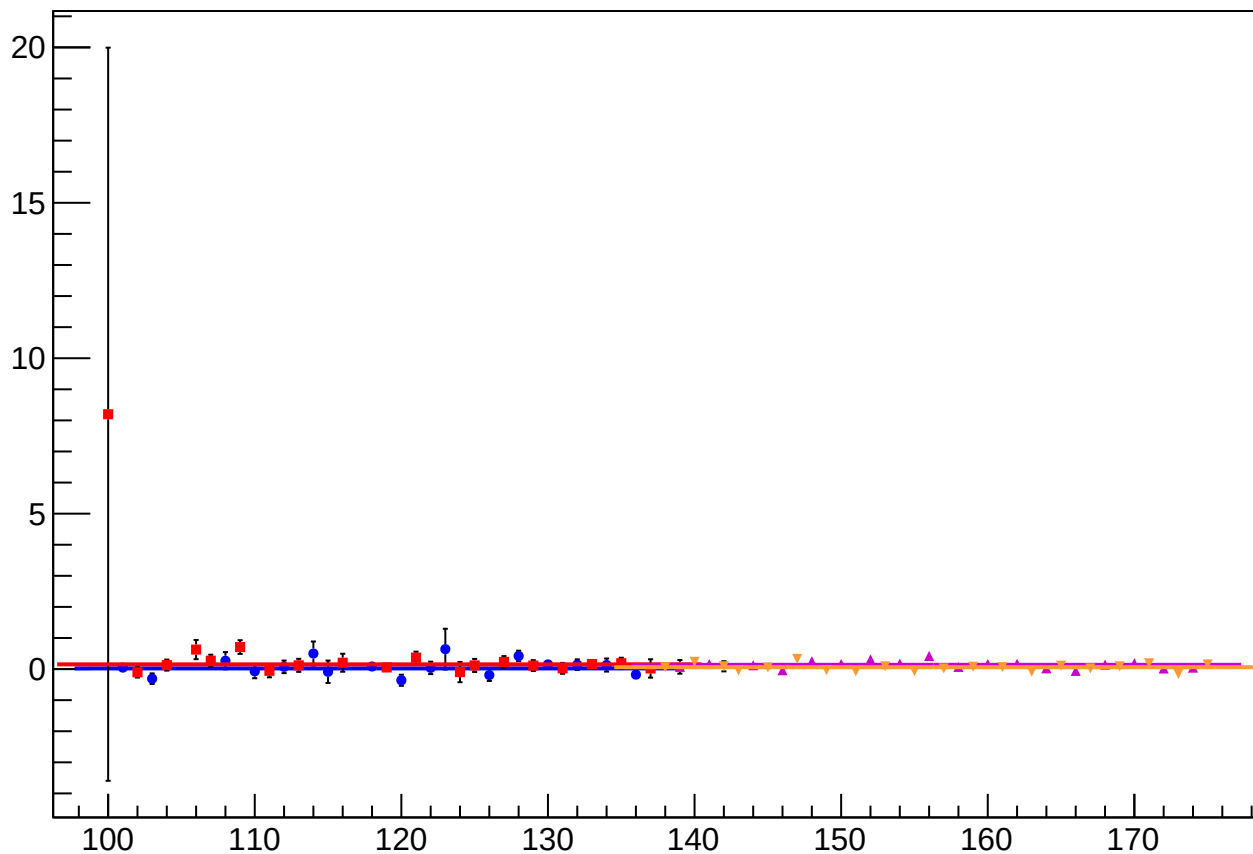
Left In: -0.004 ± 0.033 χ^2/NDF : 14.3/17

+ sign -0.021 ± 0.029 χ^2/NDF : 51.7/36

All: -0.027 ± 0.021 χ^2/NDF : 85.7/73

- sign -0.034 ± 0.030 χ^2/NDF : 33.9/36

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.059 ± 0.027 χ^2/NDF : 20.5/19

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

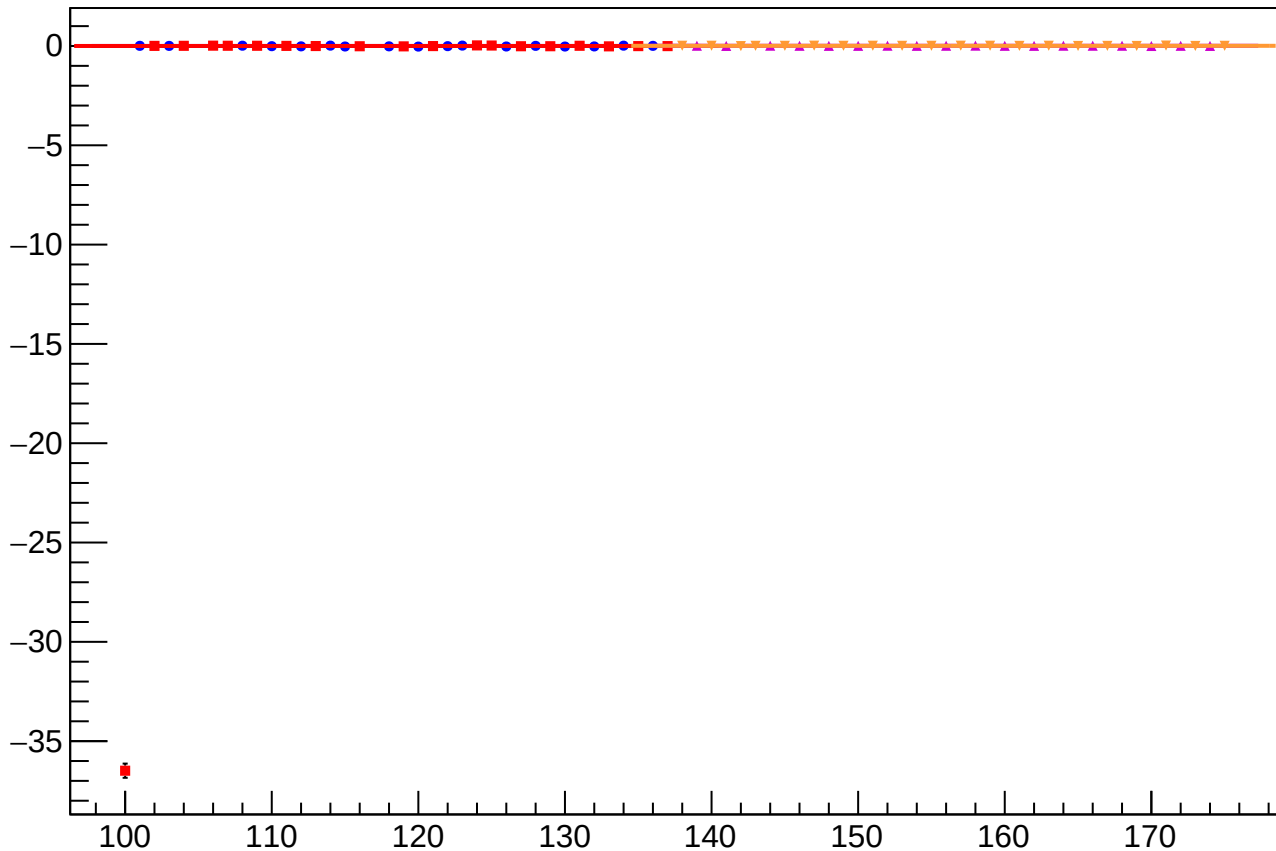
Left In: 0.137 ± 0.028 χ^2/NDF : 16.6/17

+ sign 0.048 ± 0.023 χ^2/NDF : 43.6/36

All: 0.092 ± 0.017 χ^2/NDF : 84.4/73

- sign 0.141 ± 0.024 χ^2/NDF : 33.0/36

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF: 18.7/19

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

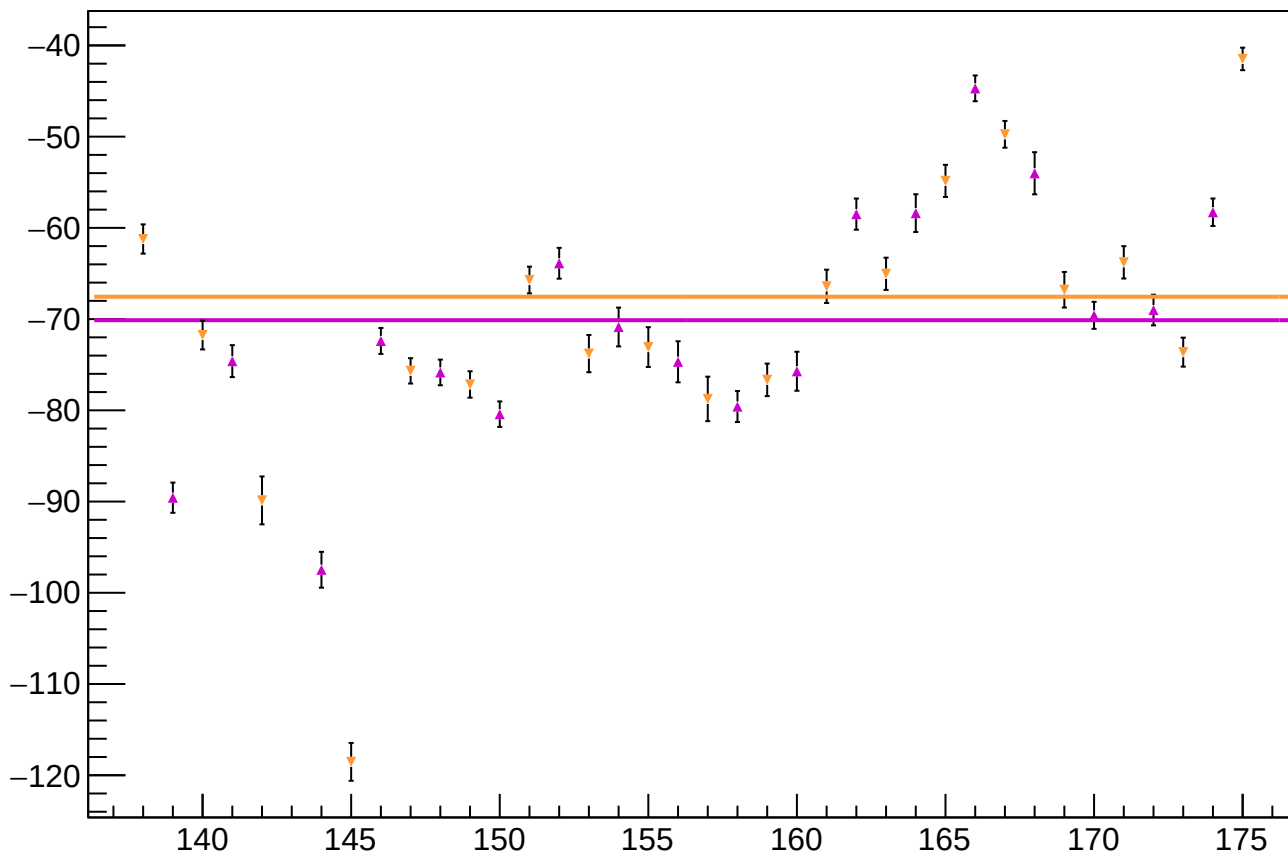
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 11.4/17

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 61.6/36

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10534.5/73

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10472.8/36

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -67.547+/-0.389 χ^2/NDF :1509.5/18

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

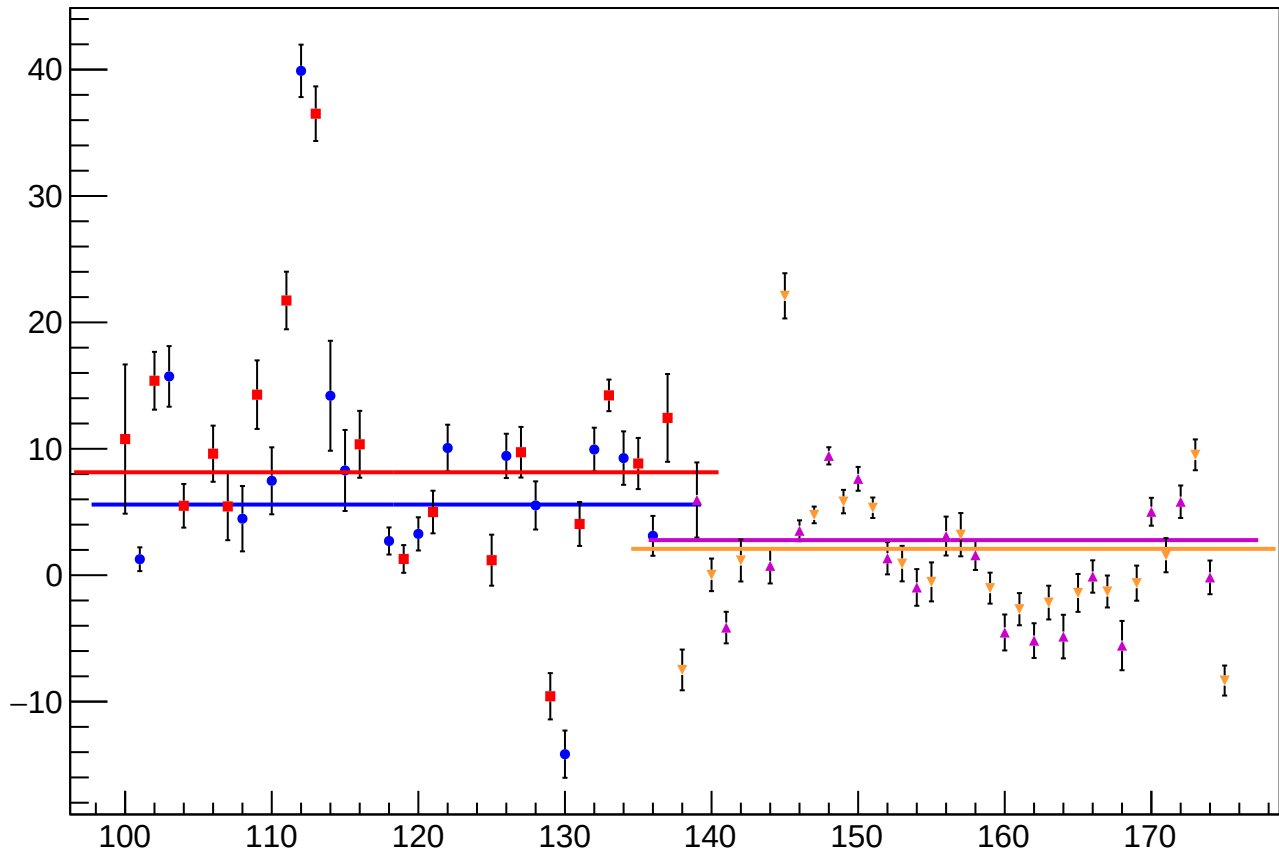
Left In: -70.119+/-0.398 χ^2/NDF :981.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.803+/-0.278 χ^2/NDF : 2512.0/36

- 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: 2.085 ± 0.274 χ^2/NDF : 377.8/18

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

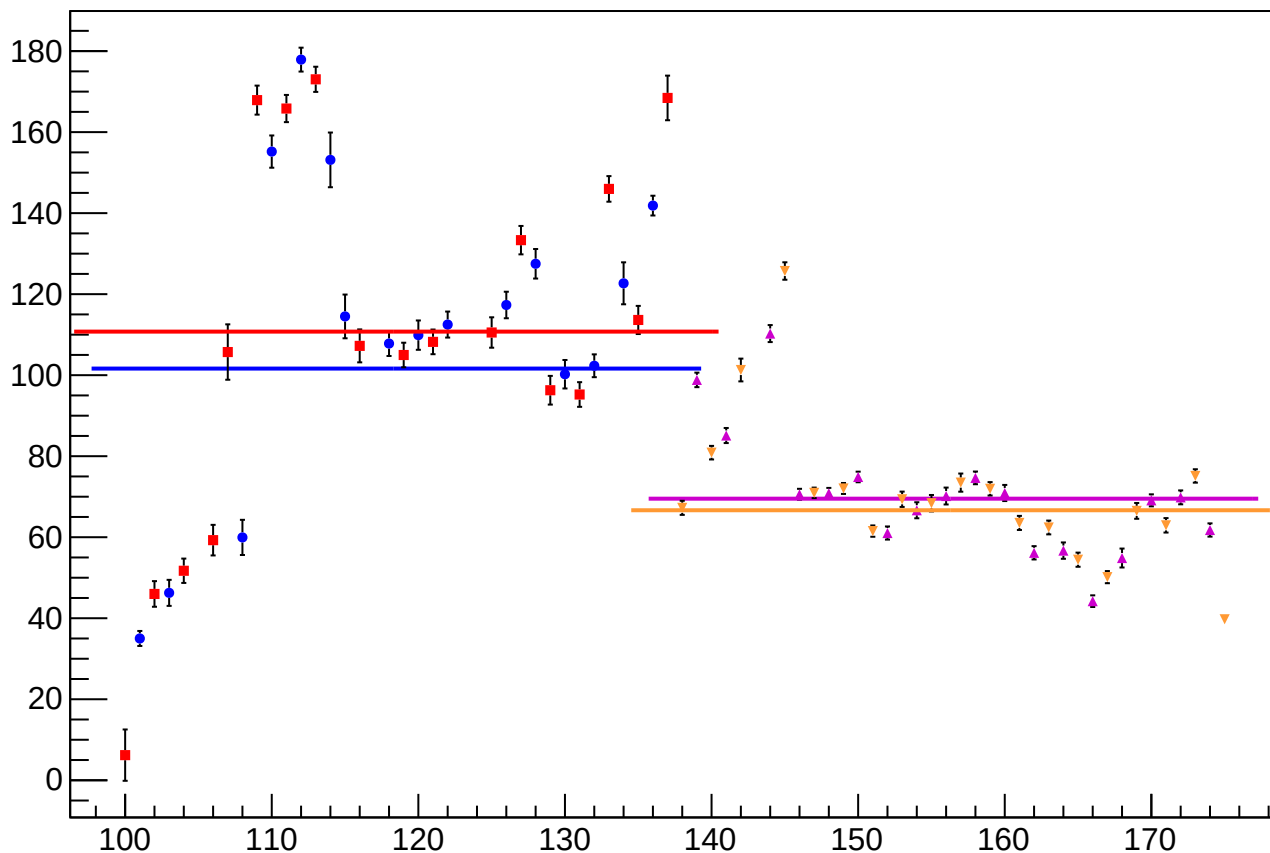
Left In: 2.775 ± 0.283 χ^2/NDF : 283.2/17

+ sign 3.121 ± 0.230 χ^2/NDF : 888.8/34

All: 3.676 ± 0.166 χ^2/NDF : 1692.6/70

- sign 4.279 ± 0.240 χ^2/NDF : 791.7/35

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 66.656 $\pm$ 0.383 χ^2 /NDF:1725.8/18

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

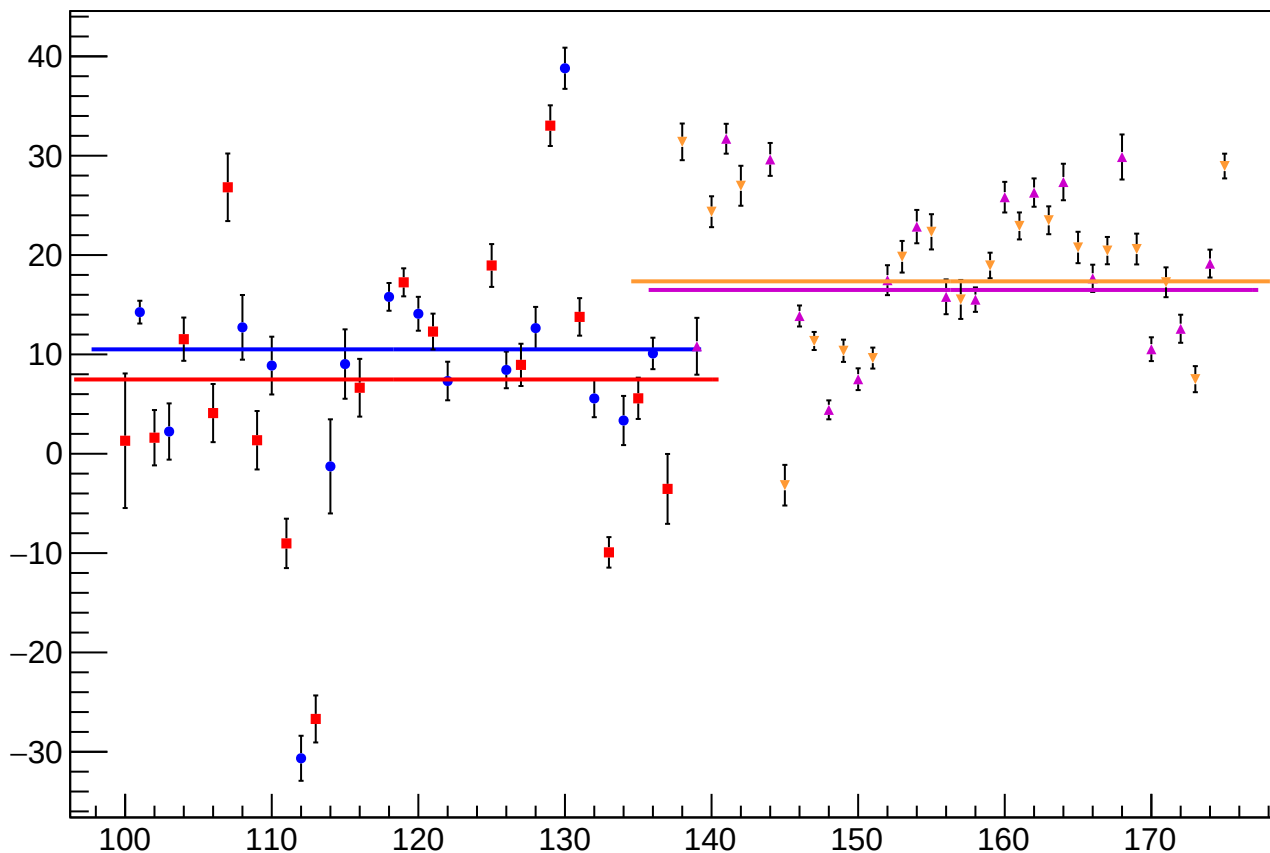
Left In: 69.513 $\pm$ 0.392 χ^2 /NDF:1251.3/17

+ sign 73.088 $\pm$ 0.346 χ^2 /NDF: 6237.7/34

All: 74.968 $\pm$ 0.248 χ^2 /NDF: 12056.8/70

- sign 76.946 $\pm$ 0.355 χ^2 /NDF: 5758.5/35

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 17.354 $\pm$ 0.320 χ^2 /NDF: 543.7/18

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

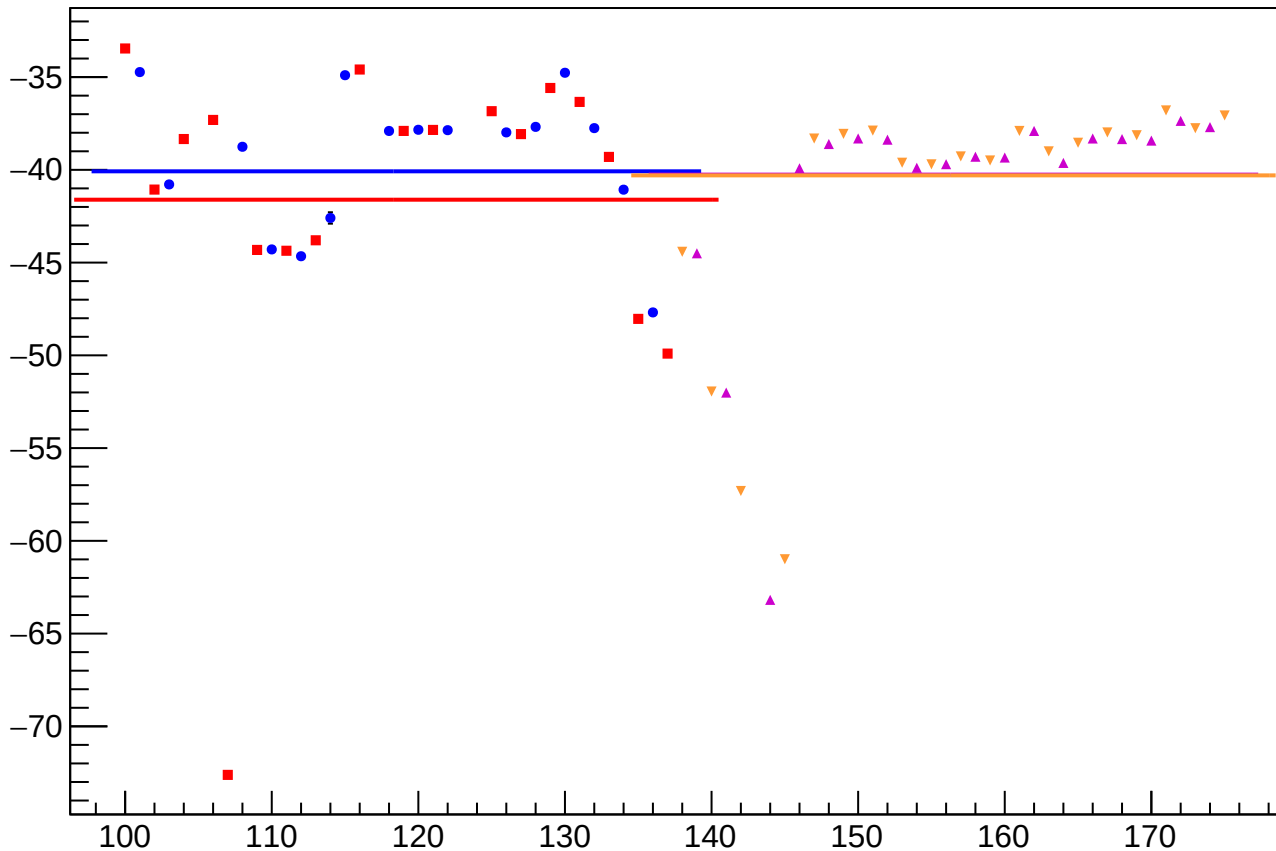
Left In: 16.487 $\pm$ 0.330 χ^2 /NDF: 609.1/17

+ sign 15.315 $\pm$ 0.269 χ^2 /NDF: 1261.1/34

All: 14.649 $\pm$ 0.194 χ^2 /NDF: 2784.1/70

- sign 13.928 $\pm$ 0.279 χ^2 /NDF: 1510.1/35

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -40.299 ± 0.015 χ^2/NDF : 127409.0/18

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

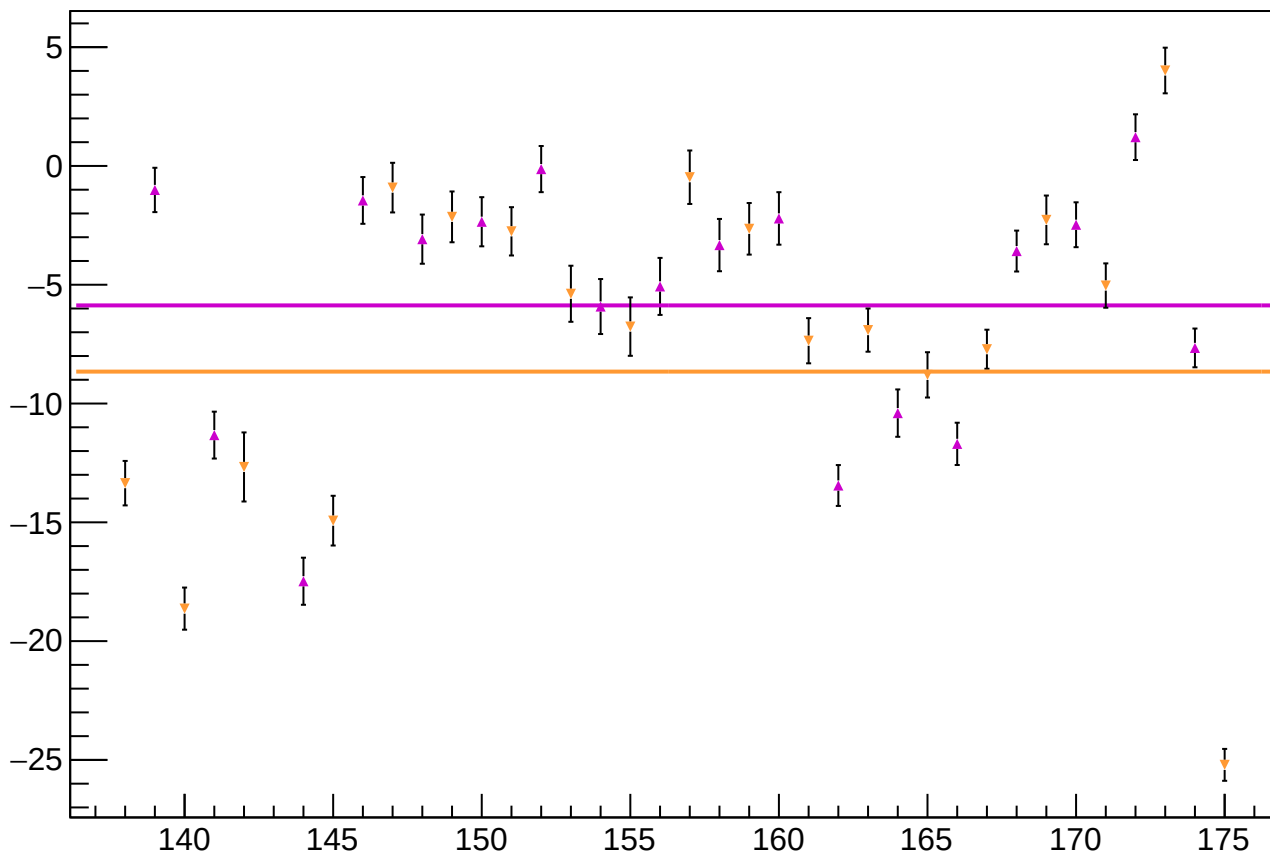
Left In: -40.257 ± 0.015 χ^2/NDF : 102350.8/17

+ sign -40.248 ± 0.013 χ^2/NDF : 152579.4/34

All: -40.404 ± 0.010 χ^2/NDF : 318718.2/70

- sign -40.561 ± 0.014 χ^2/NDF : 165871.5/35

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -8.656 $\pm$ 0.224 χ^2/NDF :1257.6/18

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

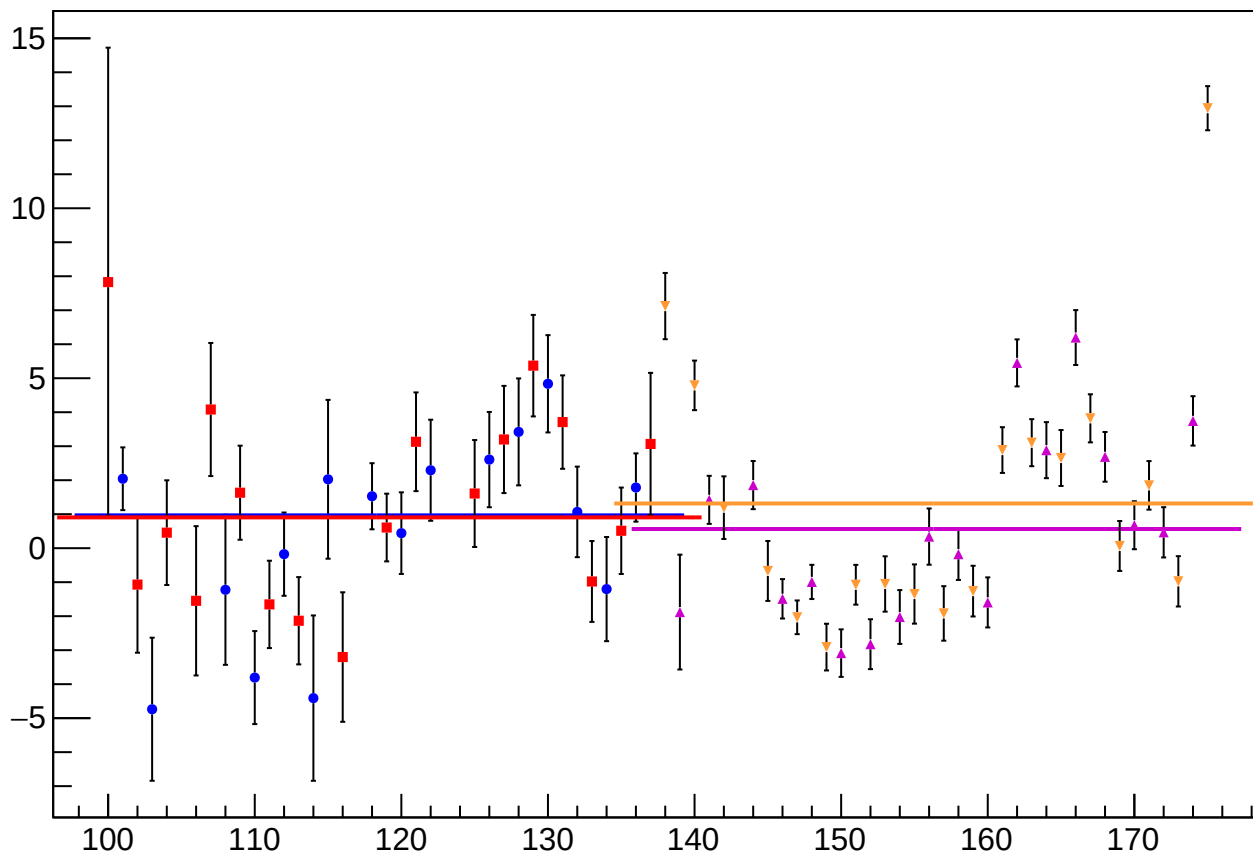
Left In: -5.870 $\pm$ 0.230 χ^2/NDF :505.8/17

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

All: -7.297 $\pm$ 0.161 χ^2/NDF : 1838.6/36

- 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 $\pm$ 0.338 χ^2/NDF : 42.9/15

Left Out: 1.315 $\pm$ 0.166 χ^2/NDF : 570.9/18

Right Out: 0.906 $\pm$ 0.354 χ^2/NDF : 42.0/17

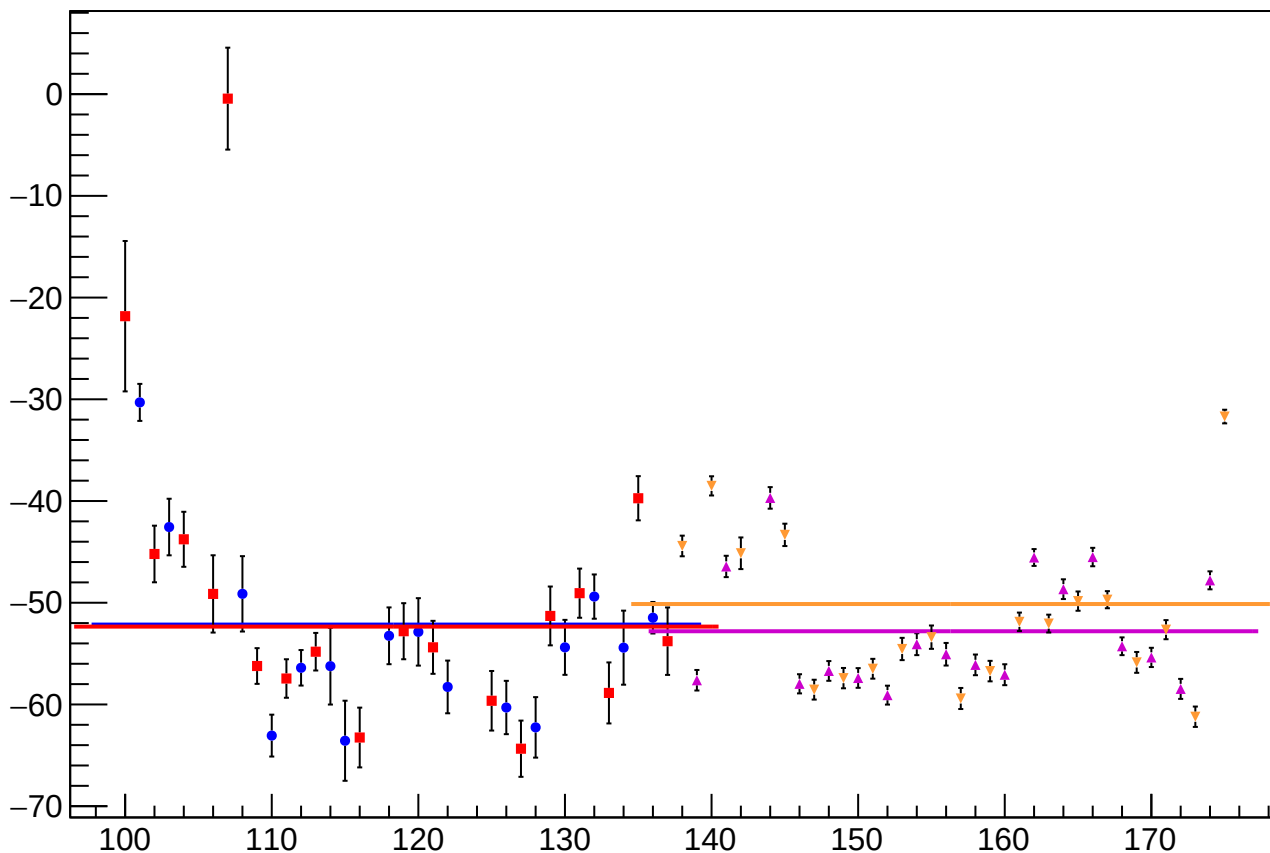
Left In: 0.564 $\pm$ 0.170 χ^2/NDF : 232.1/17

+ sign 1.247 $\pm$ 0.149 χ^2/NDF : 614.7/34

All: 0.948 $\pm$ 0.107 χ^2/NDF : 898.0/70

- sign 0.629 $\pm$ 0.153 χ^2/NDF : 274.8/35

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -50.126 ± 0.222 χ^2/NDF : 1474.6/18

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

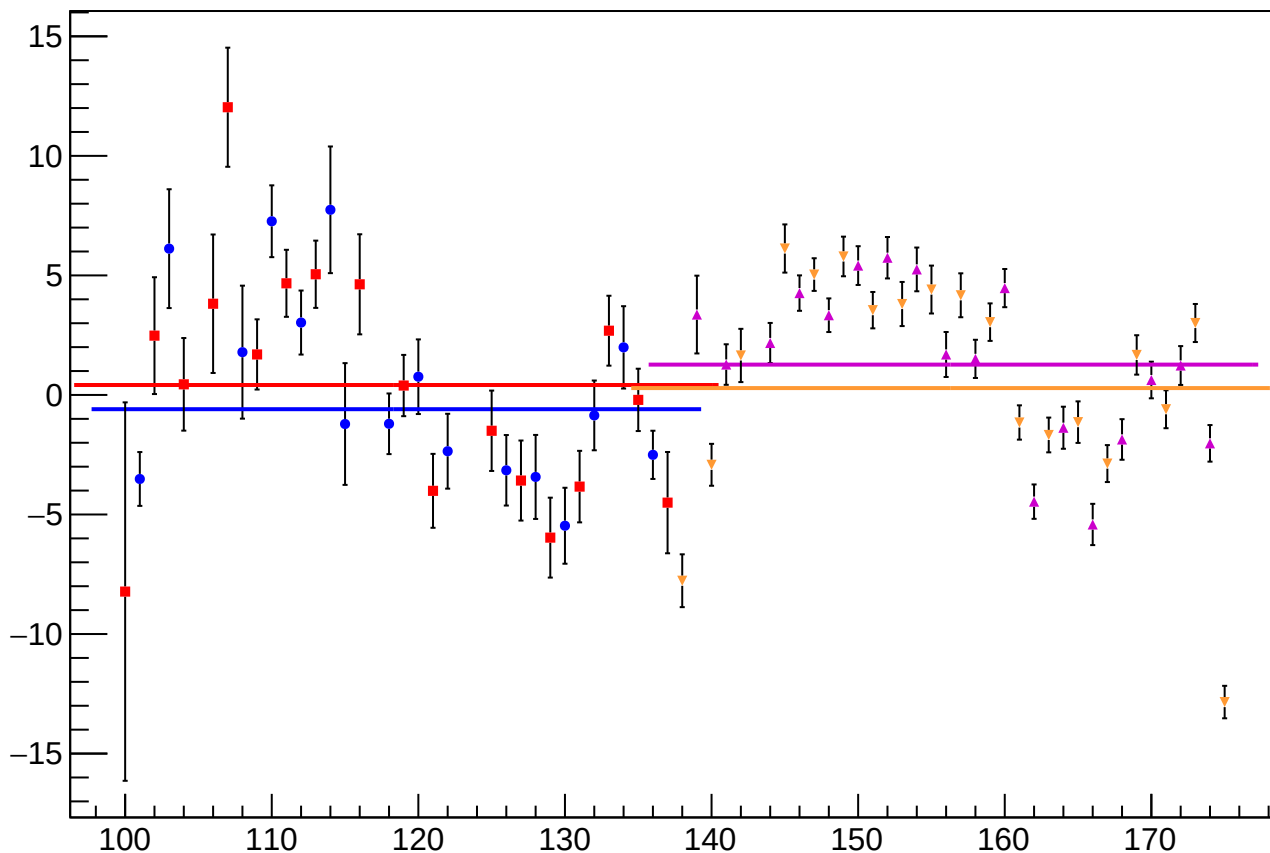
Left In: -52.803 ± 0.228 χ^2/NDF : 595.5/17

+ sign -50.361 ± 0.209 χ^2/NDF : 1714.4/34

All: -51.526 ± 0.149 χ^2/NDF : 2610.0/70

- sign -52.748 ± 0.214 χ^2/NDF : 831.7/35

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 0.287 ± 0.189 χ^2/NDF : 694.4/18

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

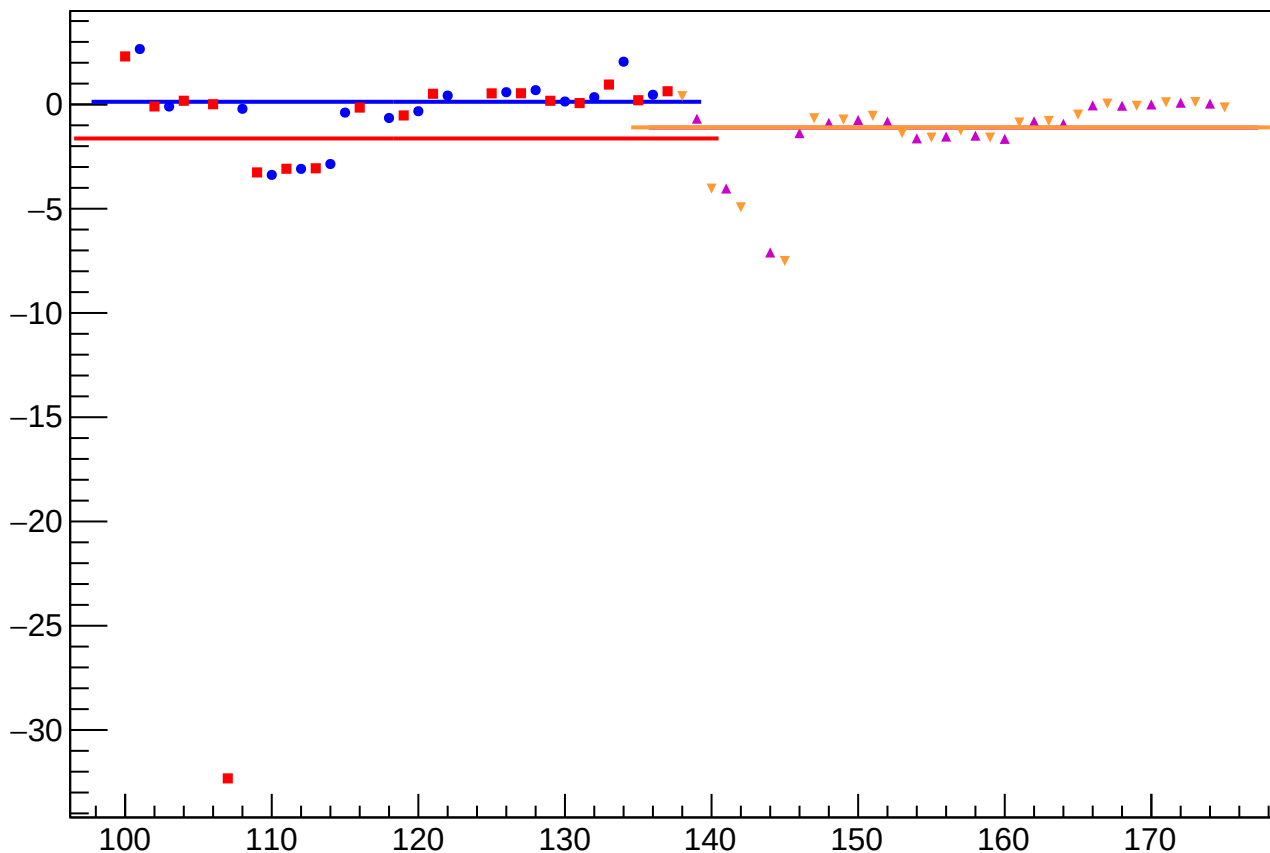
Left In: 1.269 ± 0.195 χ^2/NDF : 281.2/17

+ sign 0.114 ± 0.170 χ^2/NDF : 781.2/34

All: 0.593 ± 0.122 χ^2/NDF : 1178.3/70

- sign 1.104 ± 0.175 χ^2/NDF : 380.6/35

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.100 ± 0.009 $\chi^2/\text{NDF}: 38595.2/18$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

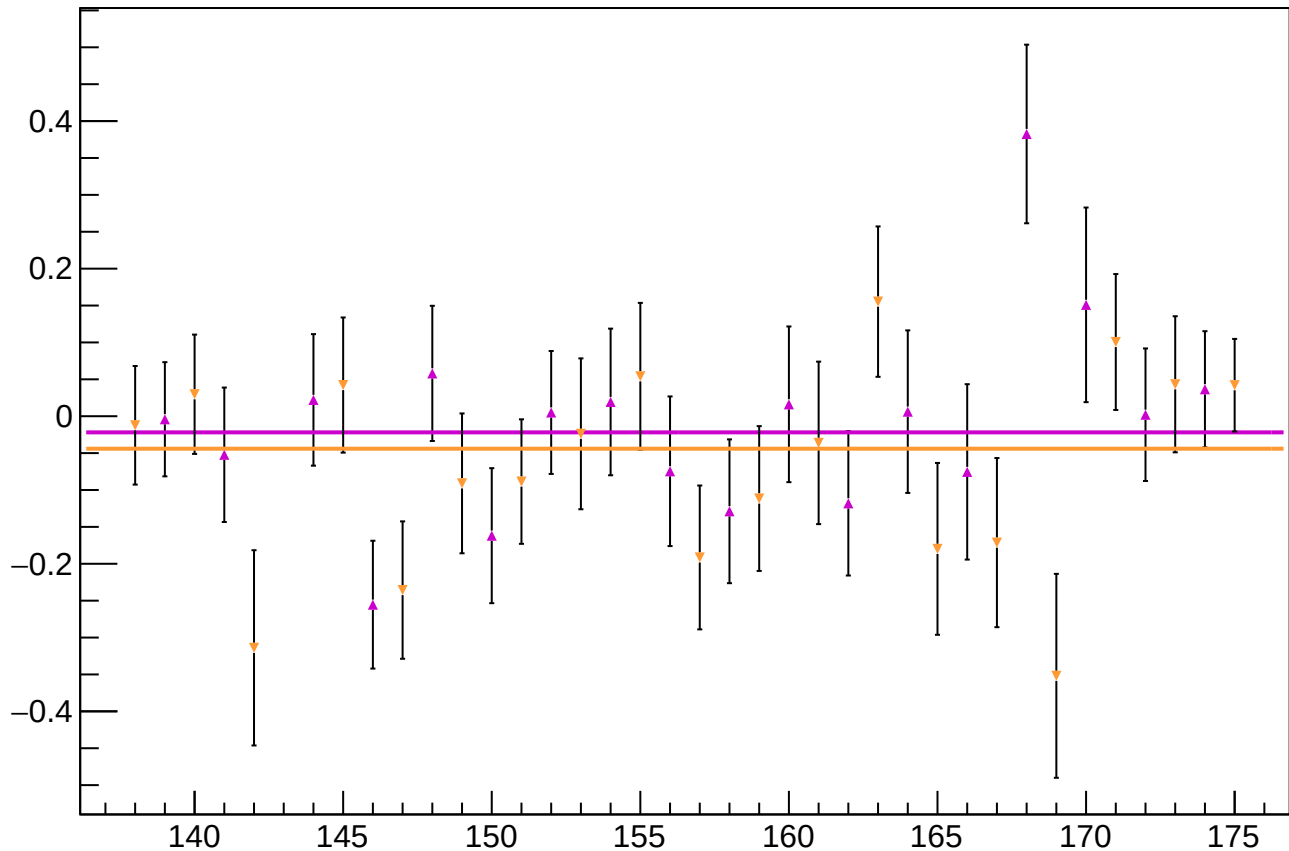
Left In: -1.110 ± 0.009 $\chi^2/\text{NDF}: 27772.8/17$

+ sign -0.925 ± 0.008 $\chi^2/\text{NDF}: 46647.0/34$

All: -1.053 ± 0.006 $\chi^2/\text{NDF}: 153292.7/70$

- sign -1.184 ± 0.008 $\chi^2/\text{NDF}: 106141.9/35$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.044 $\pm$ 0.022 χ^2 /NDF: 31.2/18

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

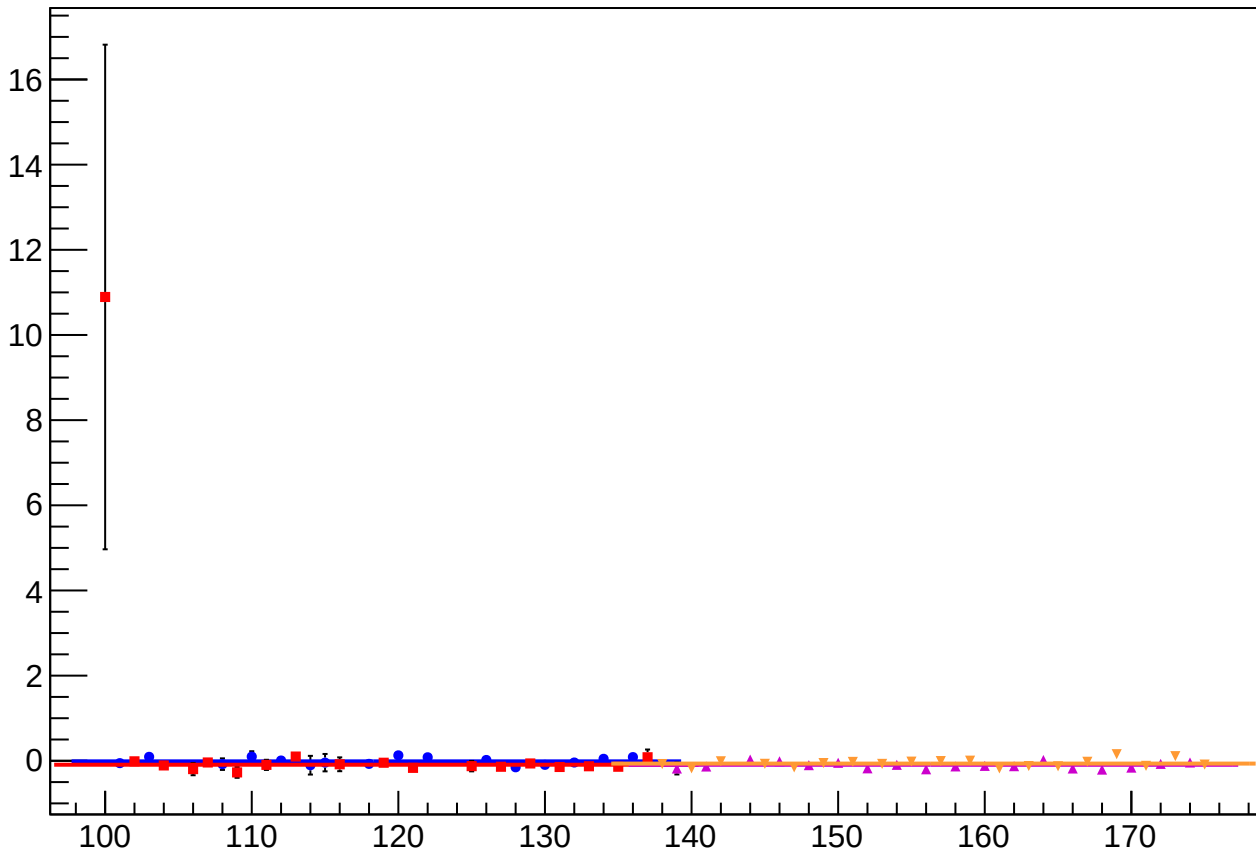
Left In: -0.022 $\pm$ 0.022 χ^2 /NDF: 27.4/17

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

All: -0.033 $\pm$ 0.016 χ^2 /NDF: 59.1/36

- 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: -0.066 ± 0.016 χ^2/NDF : 25.1/18

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

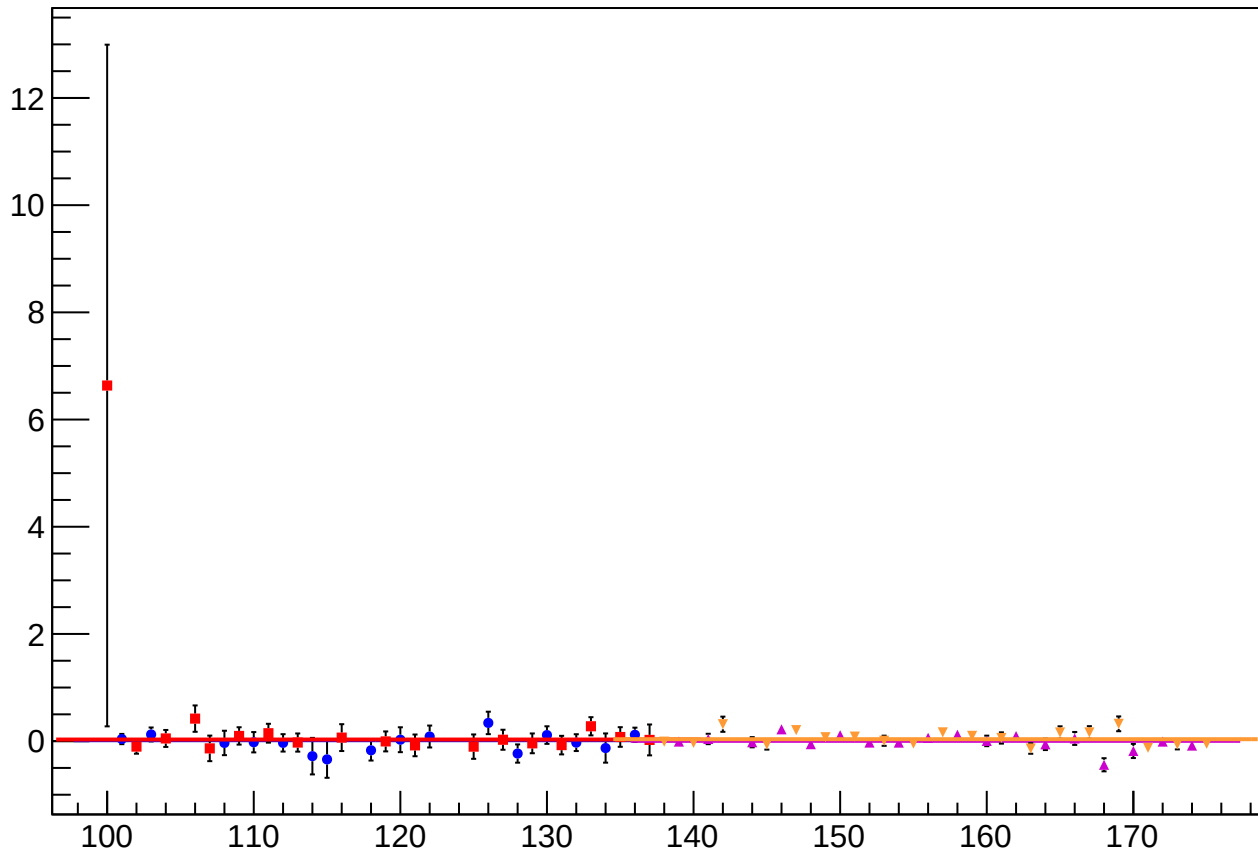
Left In: -0.094 ± 0.016 χ^2/NDF : 16.8/17

+ sign -0.049 ± 0.013 χ^2/NDF : 40.9/34

All: -0.070 ± 0.009 χ^2/NDF : 75.9/70

- sign -0.093 ± 0.014 χ^2/NDF : 29.4/35

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2/NDF : 9.6/15

Left Out: 0.036 $\pm$ 0.021 χ^2/NDF : 29.1/18

Right Out: 0.030 $\pm$ 0.045 χ^2/NDF : 9.2/17

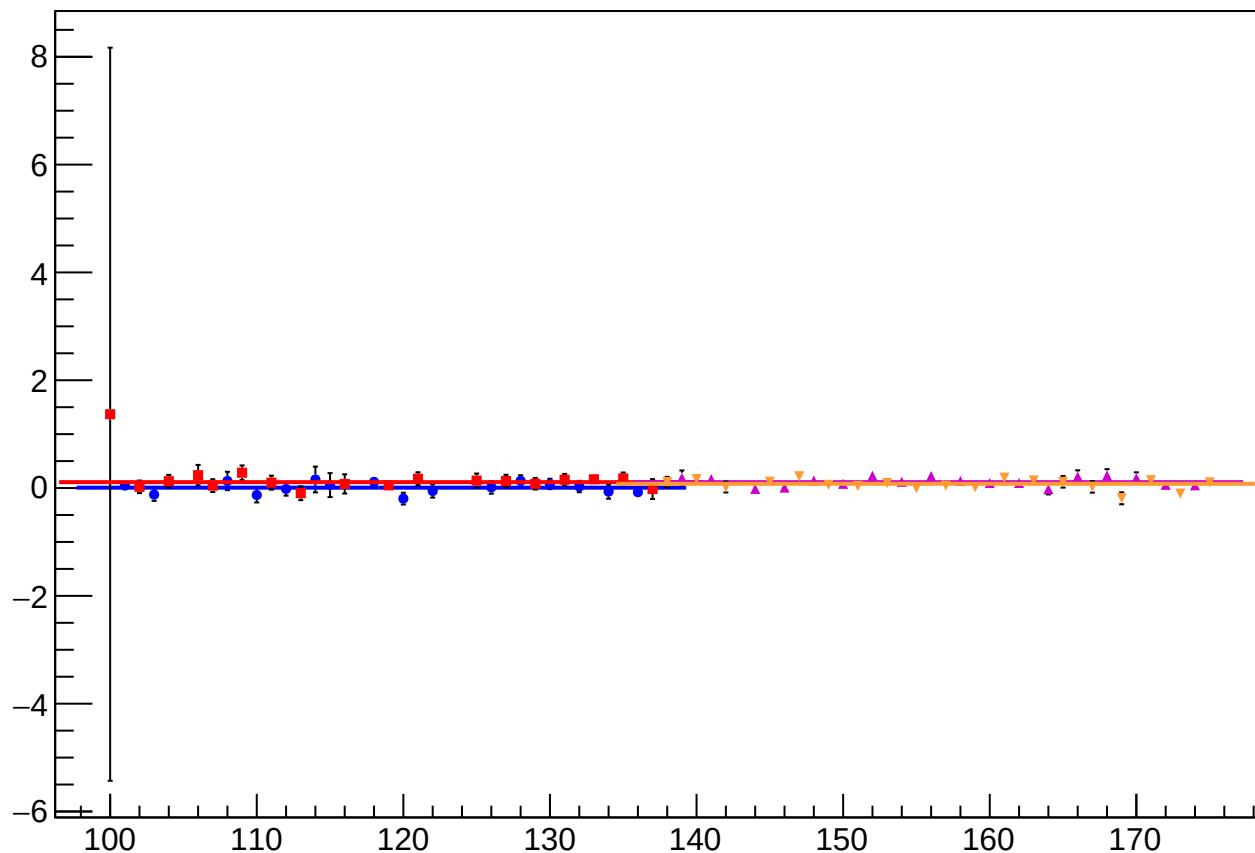
Left In: 0.006 $\pm$ 0.022 χ^2/NDF : 29.0/17

+ sign 0.032 $\pm$ 0.019 χ^2/NDF : 38.9/34

All: 0.022 $\pm$ 0.014 χ^2/NDF : 78.0/70

- sign 0.010 $\pm$ 0.020 χ^2/NDF : 38.5/35

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.079 $\pm$ 0.018 χ^2 /NDF: 25.0/18

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

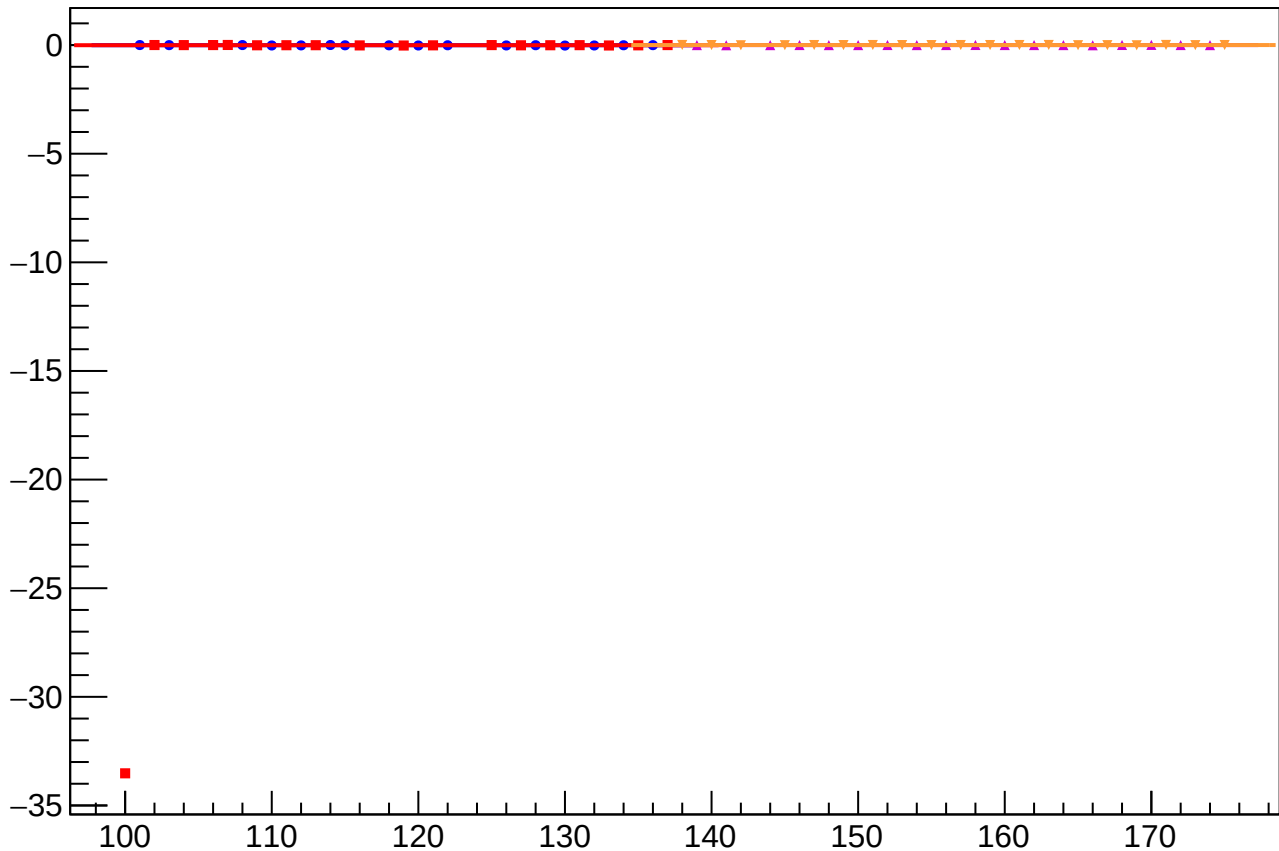
Left In: 0.109 $\pm$ 0.019 χ^2 /NDF: 16.3/17

+ sign 0.056 $\pm$ 0.015 χ^2 /NDF: 42.0/34

All: 0.082 $\pm$ 0.011 χ^2 /NDF: 72.3/70

- sign 0.110 $\pm$ 0.016 χ^2 /NDF: 24.3/35

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 $\pm$ 0.001 χ^2/NDF : 22.6/15

Left Out: 0.001 $\pm$ 0.001 χ^2/NDF : 18.7/18

Right Out: -0.006 $\pm$ 0.001 χ^2/NDF : 26508.9/17

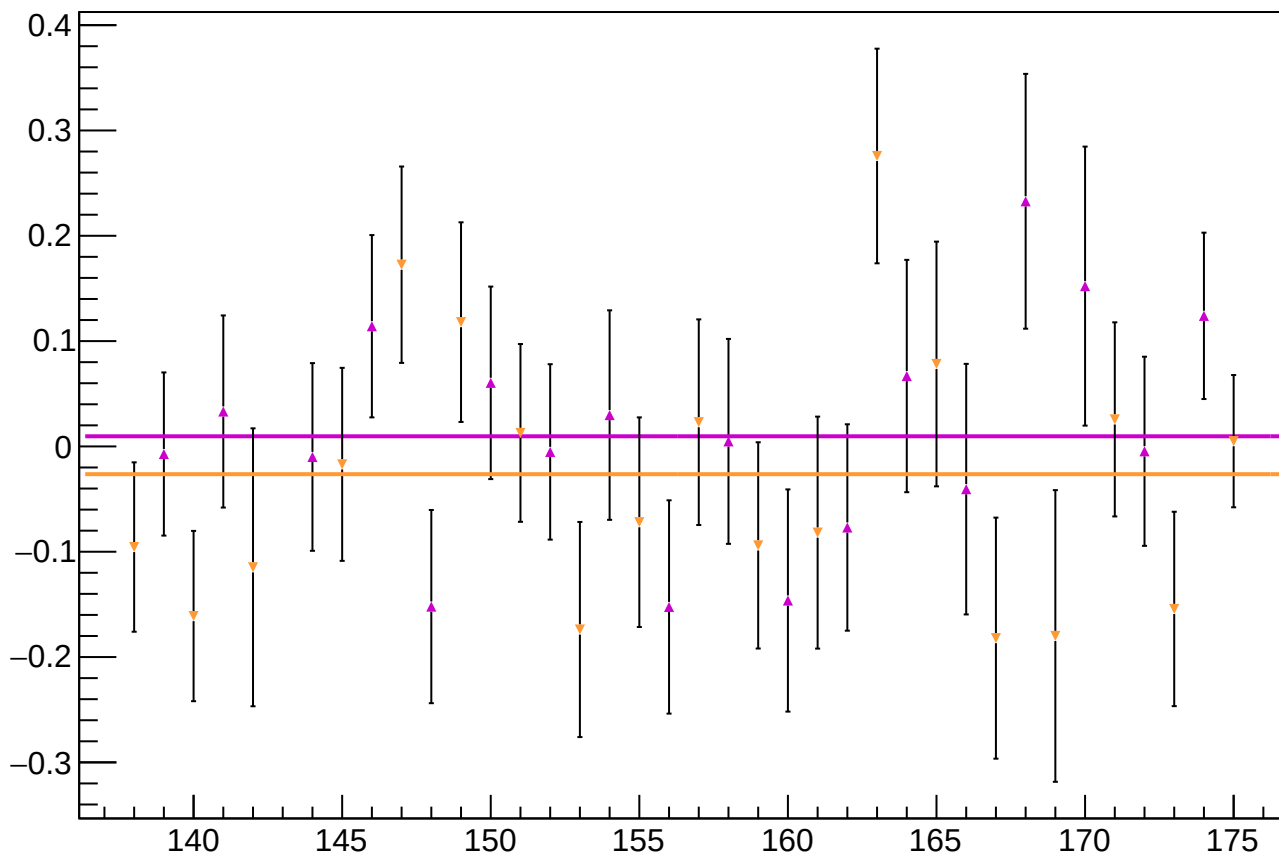
Left In: 0.000 $\pm$ 0.001 χ^2/NDF : 15.5/17

+ sign -0.001 $\pm$ 0.001 χ^2/NDF : 56.1/34

All: -0.001 $\pm$ 0.001 χ^2/NDF : 26594.5/70

- sign -0.001 $\pm$ 0.001 χ^2/NDF : 26538.1/35

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.026 $\pm$ 0.022 χ^2 /NDF:29.5/18

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

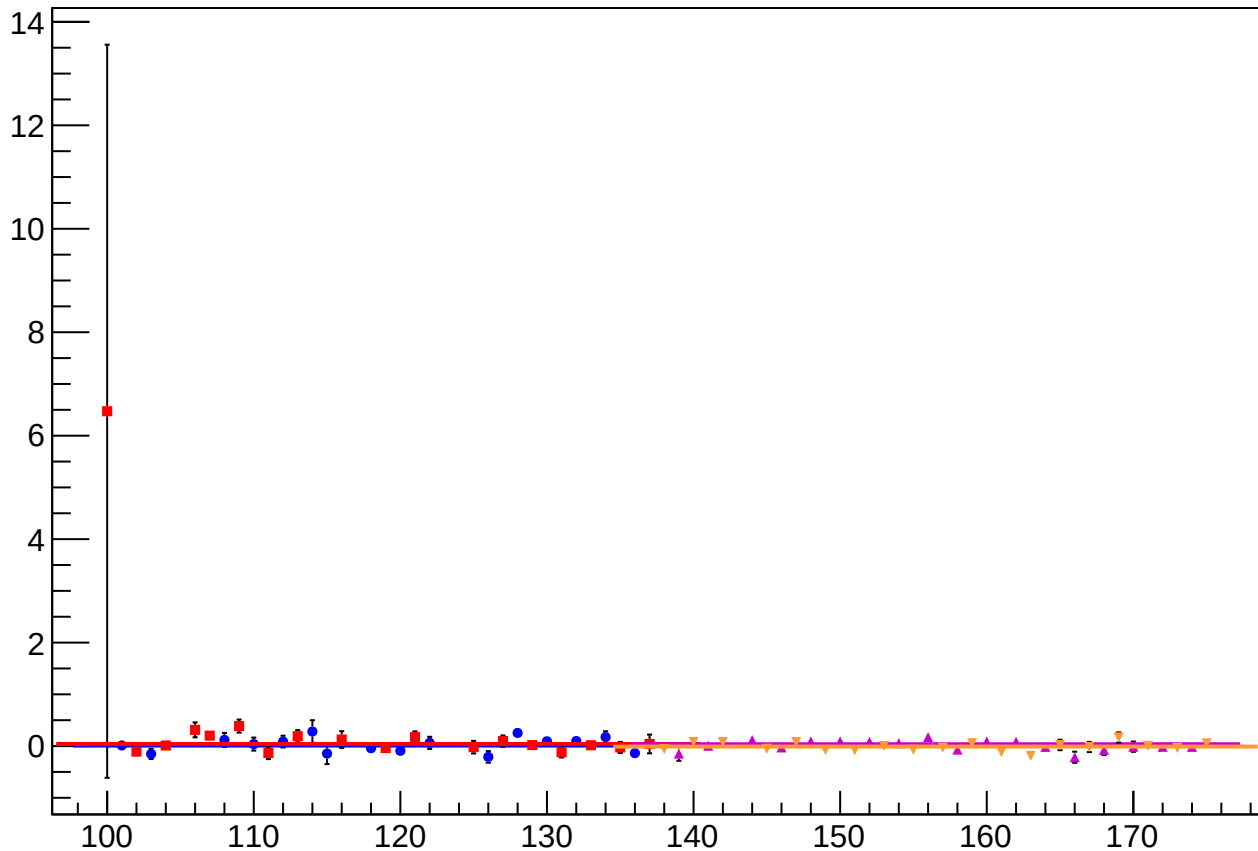
Left In: 0.010 $\pm$ 0.022 χ^2 /NDF:17.8/17

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

All: -0.009 $\pm$ 0.016 χ^2 /NDF: 48.6/36

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.010 ± 0.016 χ^2/NDF : 24.2/18

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

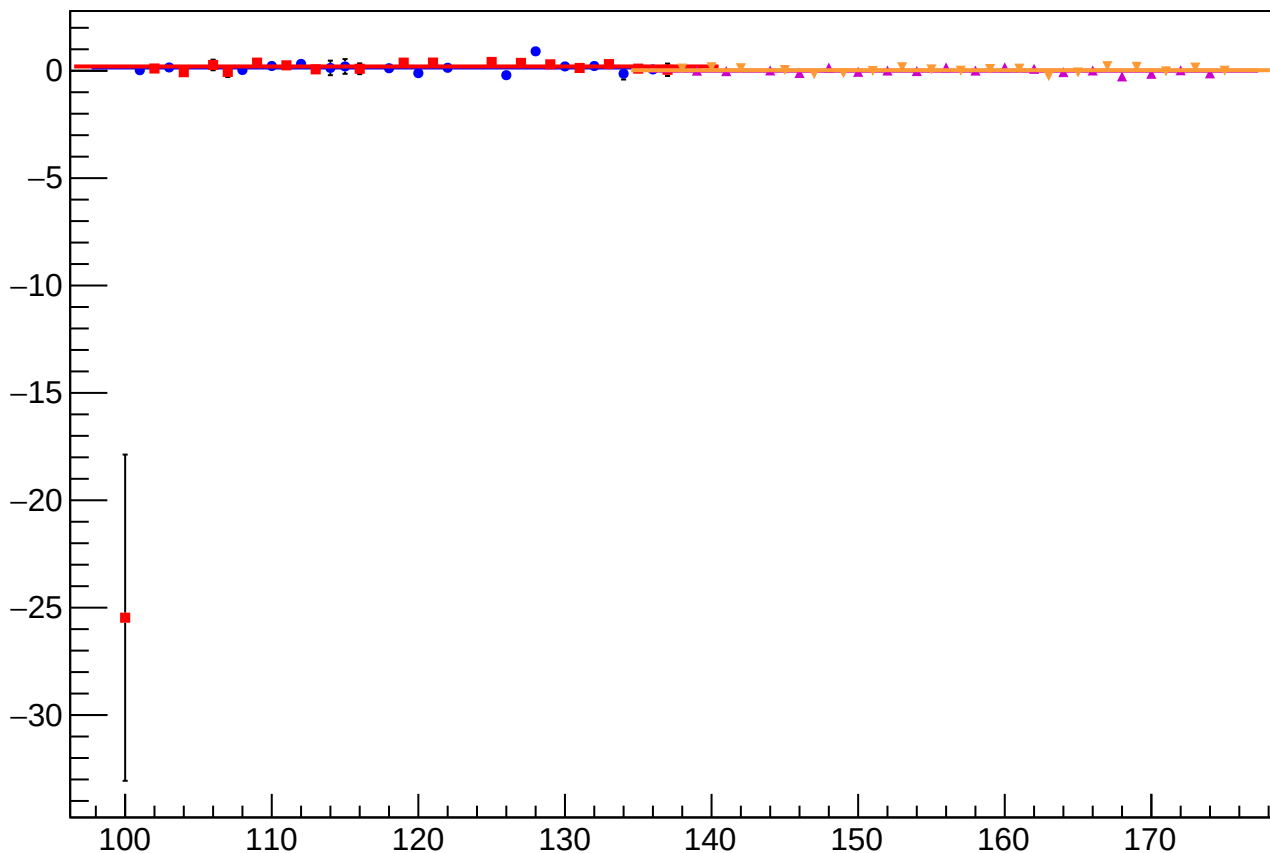
Left In: 0.035 ± 0.016 χ^2/NDF : 23.1/17

+ sign -0.003 ± 0.013 χ^2/NDF : 50.1/34

All: 0.016 ± 0.009 χ^2/NDF : 105.7/70

- sign 0.037 ± 0.014 χ^2/NDF : 51.0/35

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.026 ± 0.021 χ^2/NDF : 28.5/18

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

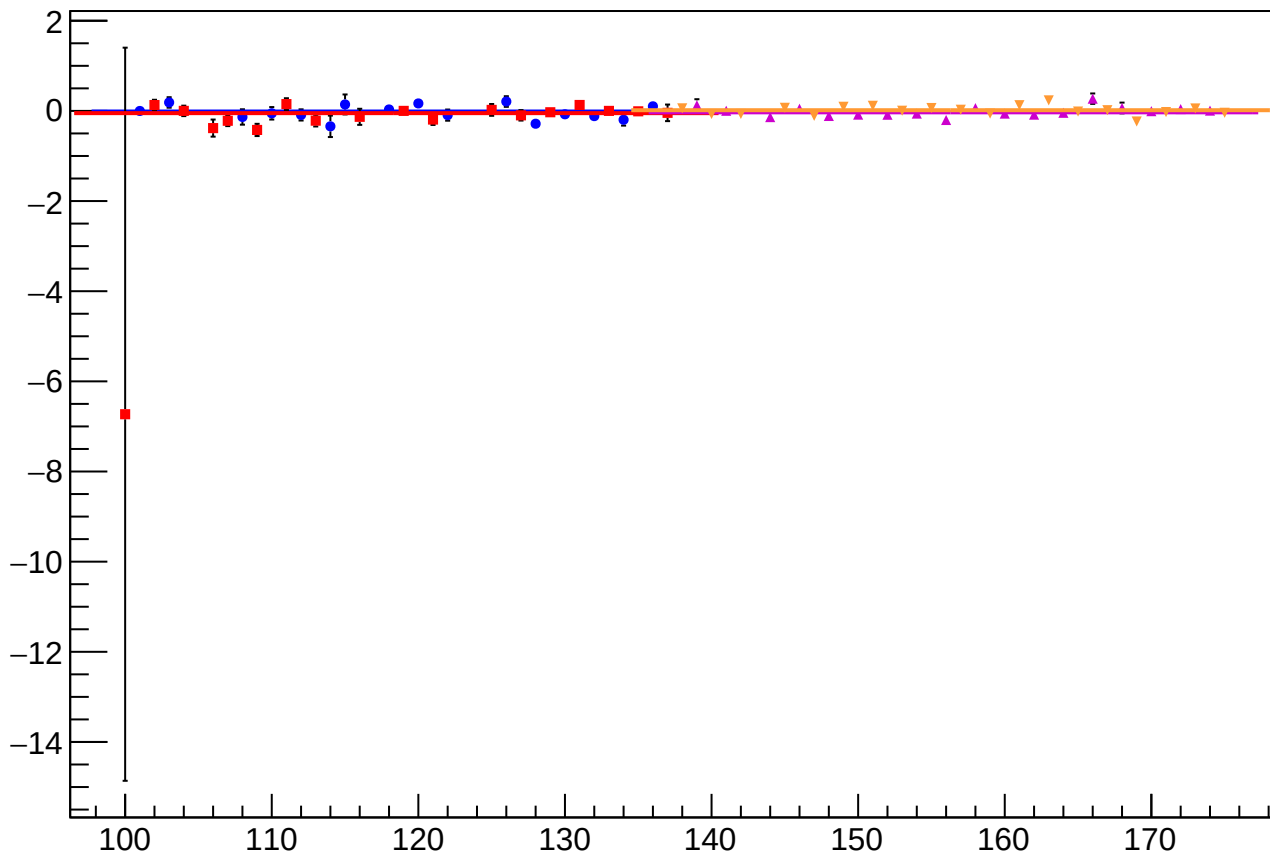
Left In: 0.001 ± 0.022 χ^2/NDF : 19.4/17

+ sign 0.051 ± 0.019 χ^2/NDF : 64.2/34

All: 0.046 ± 0.014 χ^2/NDF : 122.4/70

- sign 0.040 ± 0.020 χ^2/NDF : 58.0/35

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.015 ± 0.018 χ^2/NDF : 27.0/18

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

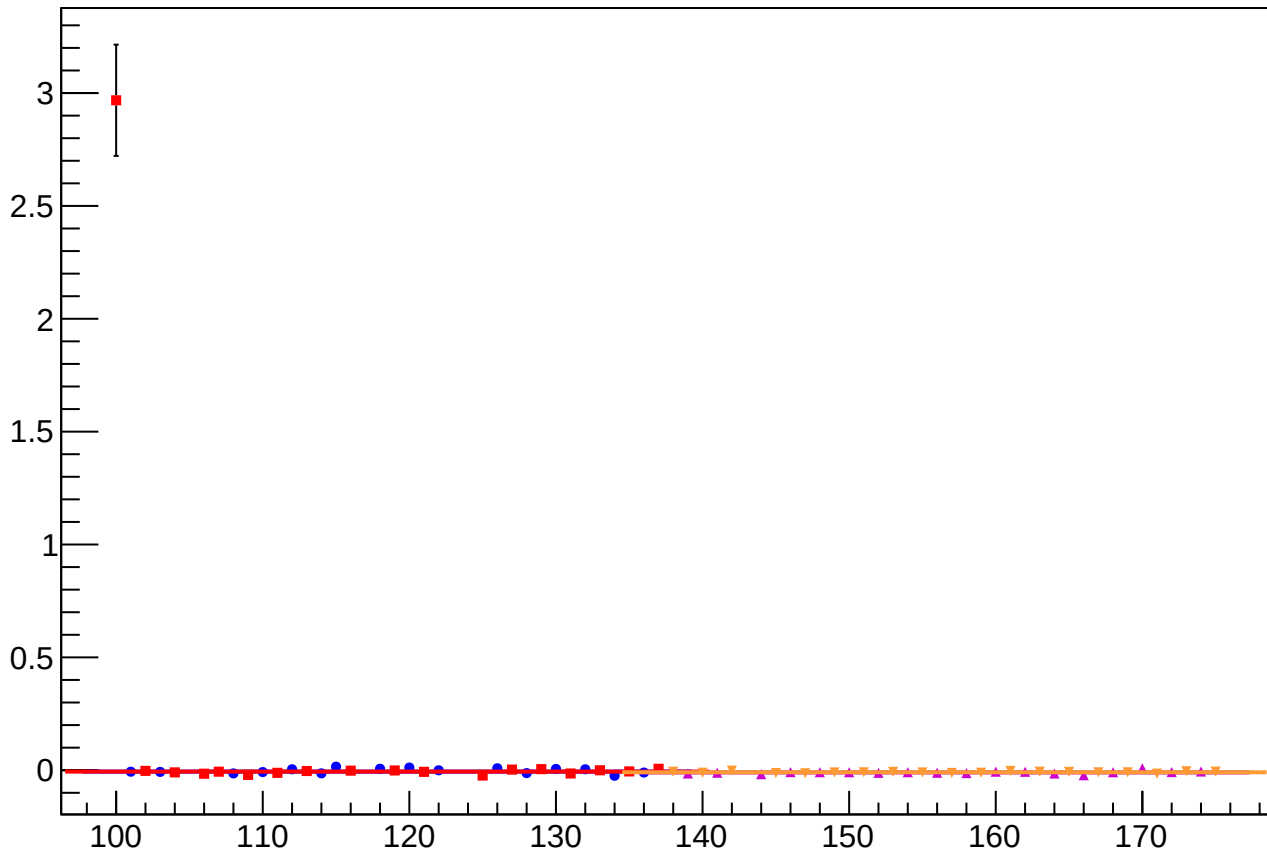
Left In: -0.032 ± 0.019 χ^2/NDF : 23.5/17

+ sign 0.006 ± 0.015 χ^2/NDF : 53.0/34

All: -0.015 ± 0.011 χ^2/NDF : 106.4/70

- sign -0.037 ± 0.016 χ^2/NDF : 49.5/35

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 29.0/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF:15.1/18

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.9/17

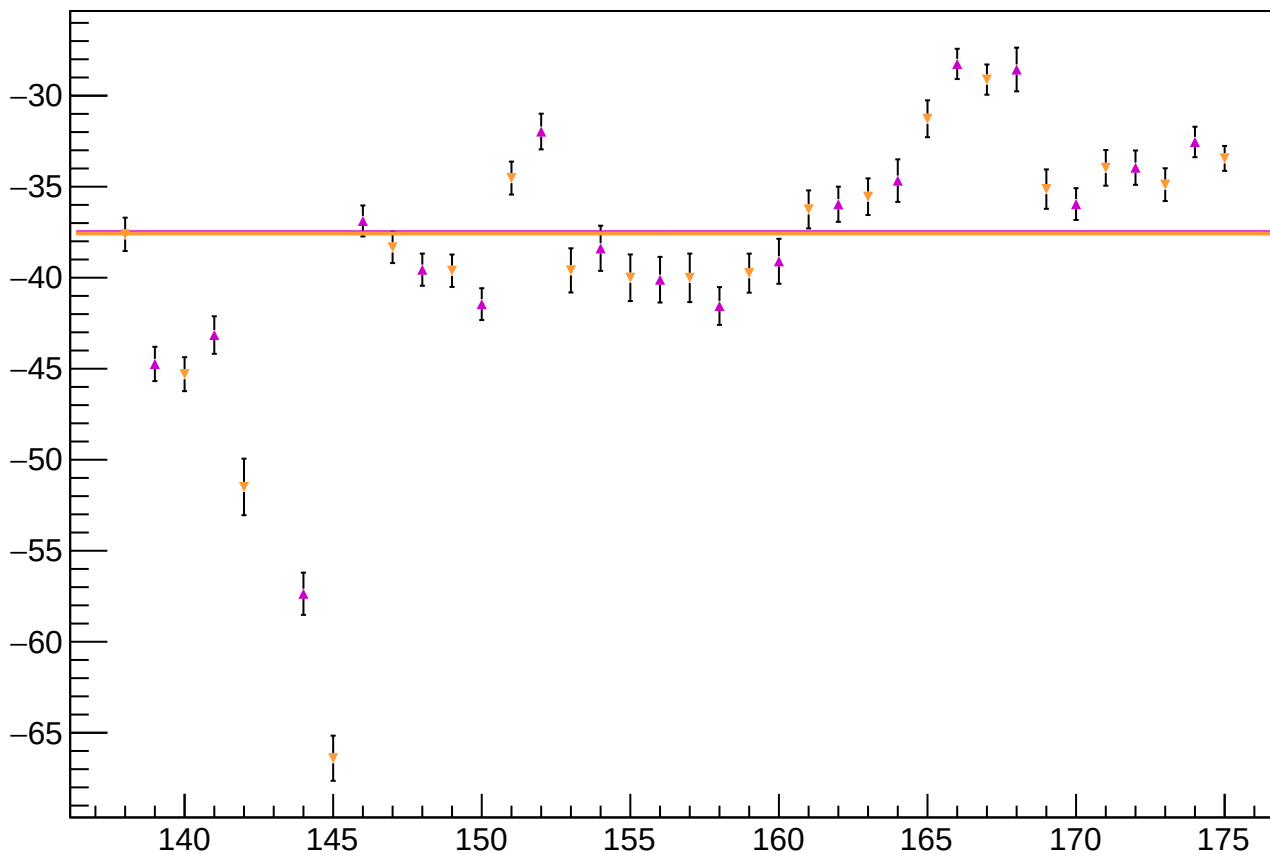
Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:32.1/17

+ sign -0.008 $\pm$ 0.001 χ^2 /NDF: 47.3/34

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 250.6/70

- sign -0.009 $\pm$ 0.001 χ^2 /NDF: 203.1/35

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -37.568 $\pm$ 0.226 χ^2 /NDF:932.8/18

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

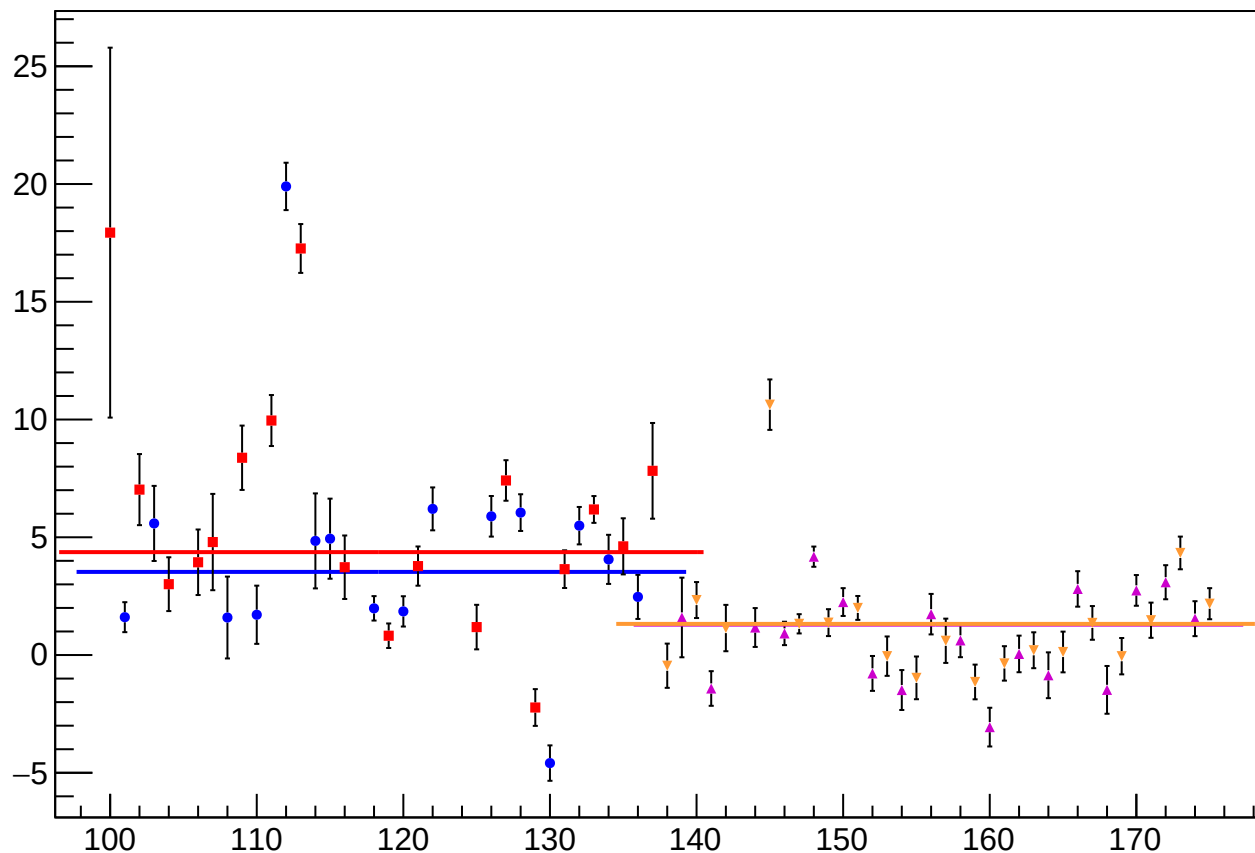
Left In: -37.505 $\pm$ 0.233 χ^2 /NDF:702.0/17

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

All: -37.537 $\pm$ 0.162 χ^2 /NDF: 1634.8/36

- 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: 1.322 ± 0.162 χ^2/NDF : 136.6/18

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

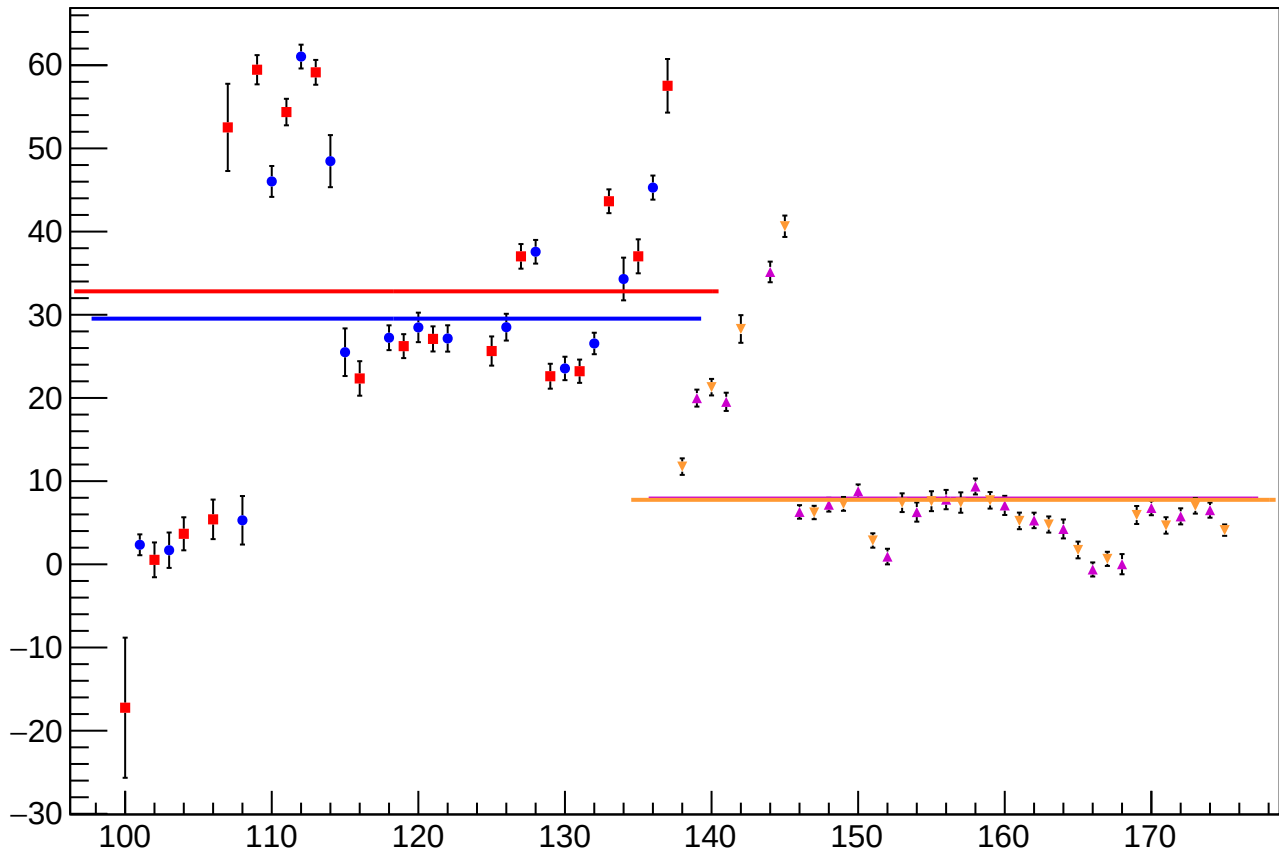
Left In: 1.291 ± 0.168 χ^2/NDF : 140.0/17

+ sign 2.111 ± 0.130 χ^2/NDF : 649.4/34

All: 2.245 ± 0.093 χ^2/NDF : 1265.6/70

- sign 2.388 ± 0.135 χ^2/NDF : 614.0/35

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 $\pm$ 0.417 χ^2/NDF : 1494.9/15

Left Out: 7.754 $\pm$ 0.223 χ^2/NDF : 1207.2/18

Right Out: 32.816 $\pm$ 0.423 χ^2/NDF : 1659.3/17

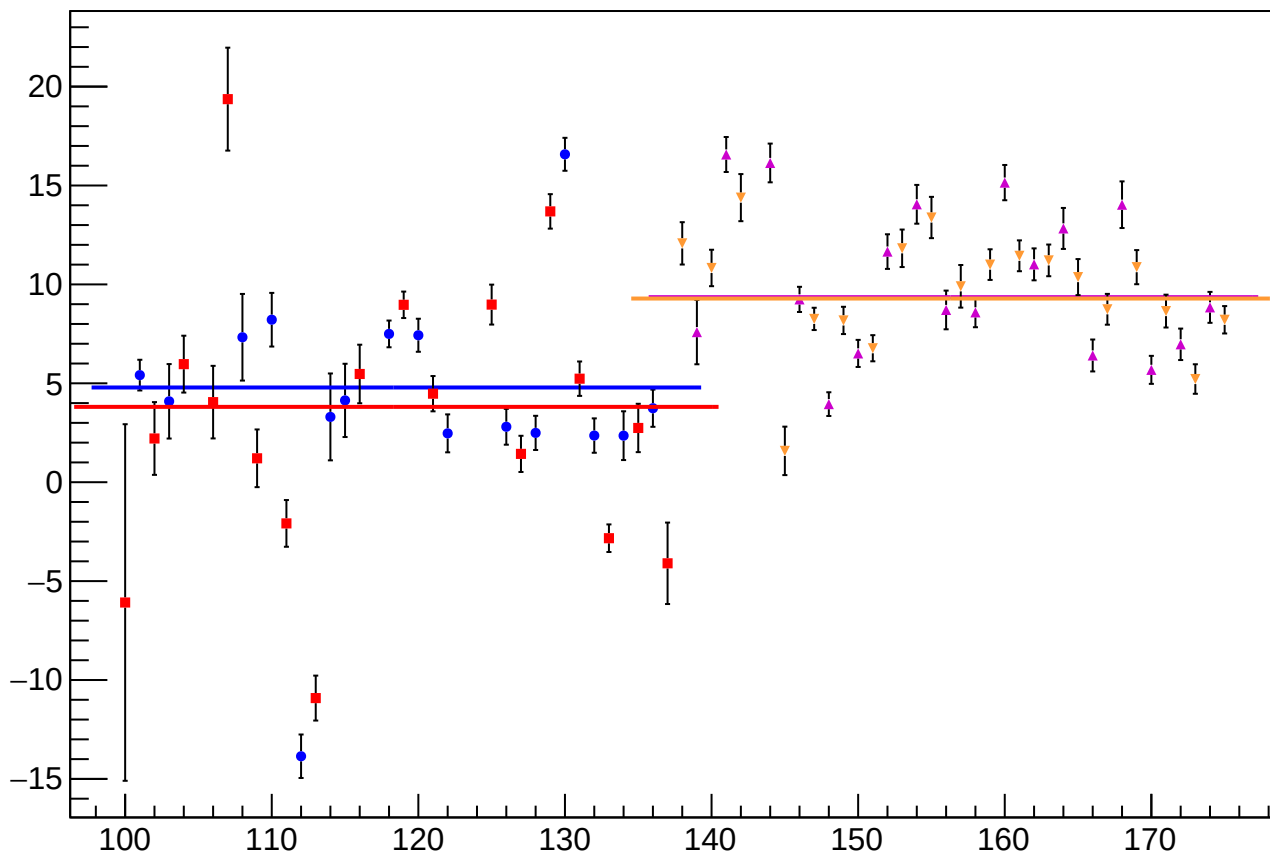
Left In: 7.905 $\pm$ 0.230 χ^2/NDF : 971.1/17

+ sign 12.609 $\pm$ 0.197 χ^2/NDF : 4824.6/34

All: 13.081 $\pm$ 0.141 χ^2/NDF : 10147.1/70

- sign 13.579 $\pm$ 0.202 χ^2/NDF : 5310.6/35

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 9.285 ± 0.188 $\chi^2/\text{NDF}: 167.2/18$

Right Out: 3.809 ± 0.259 $\chi^2/\text{NDF}: 567.6/17$

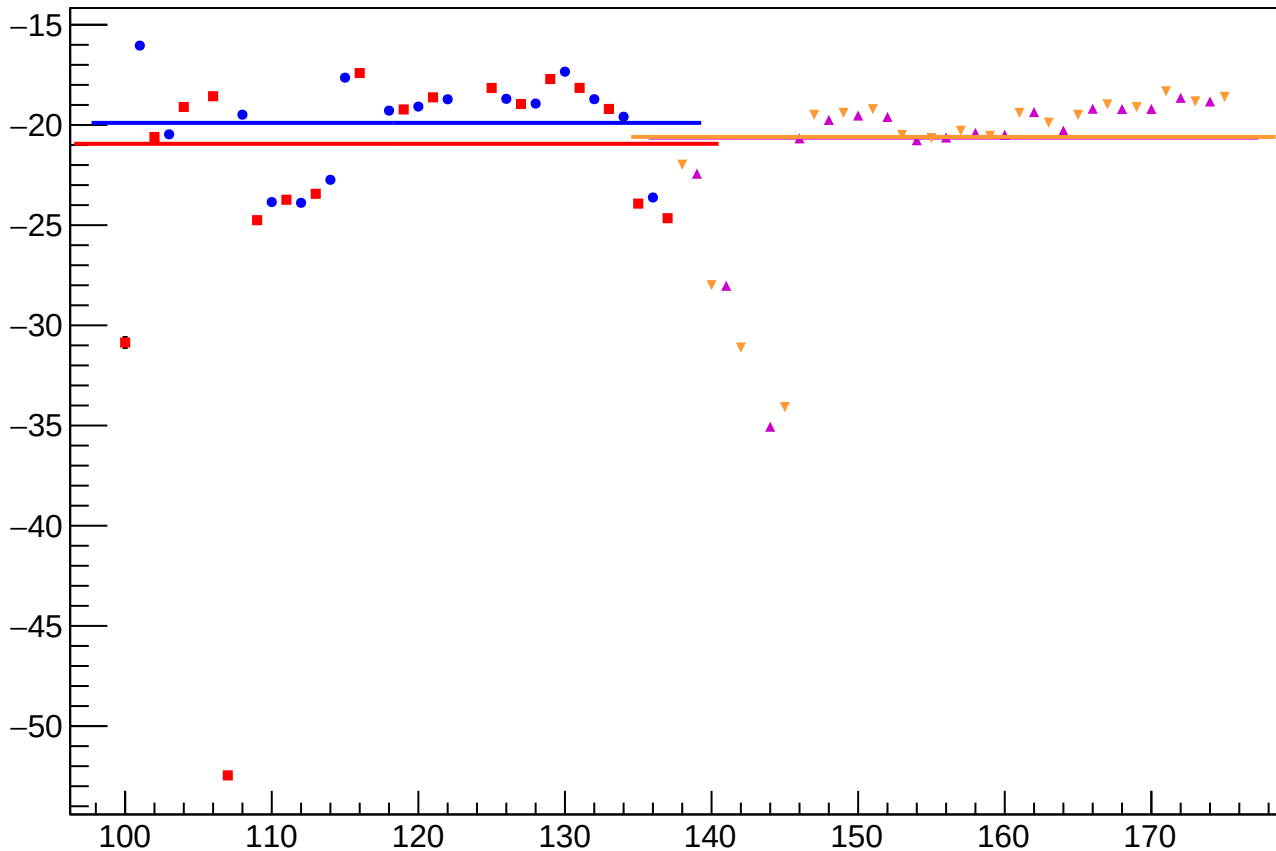
Left In: 9.357 ± 0.195 $\chi^2/\text{NDF}: 368.7/17$

+ sign 7.670 ± 0.151 $\chi^2/\text{NDF}: 926.4/34$

All: 7.518 ± 0.108 $\chi^2/\text{NDF}: 2158.4/70$

- sign 7.355 ± 0.156 $\chi^2/\text{NDF}: 1229.9/35$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -20.596 ± 0.009 χ^2/NDF : 144816.0/18

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

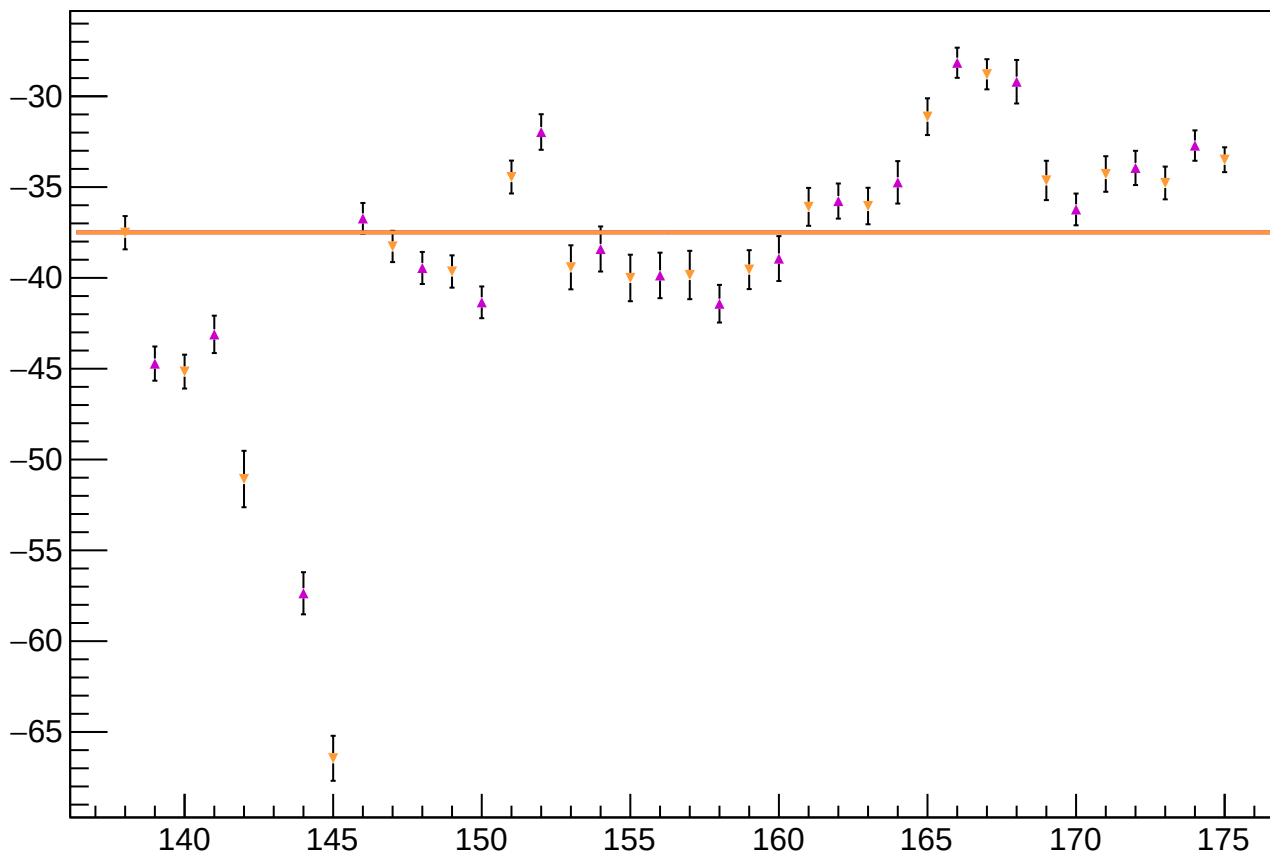
Left In: -20.631 ± 0.009 χ^2/NDF : 115079.5/17

+ sign -20.423 ± 0.008 χ^2/NDF : 172414.8/34

All: -20.564 ± 0.005 χ^2/NDF : 382517.1/70

- sign -20.707 ± 0.008 χ^2/NDF : 209433.7/35

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -37.498 $\pm$ 0.226 χ^2 /NDF:936.1/18

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

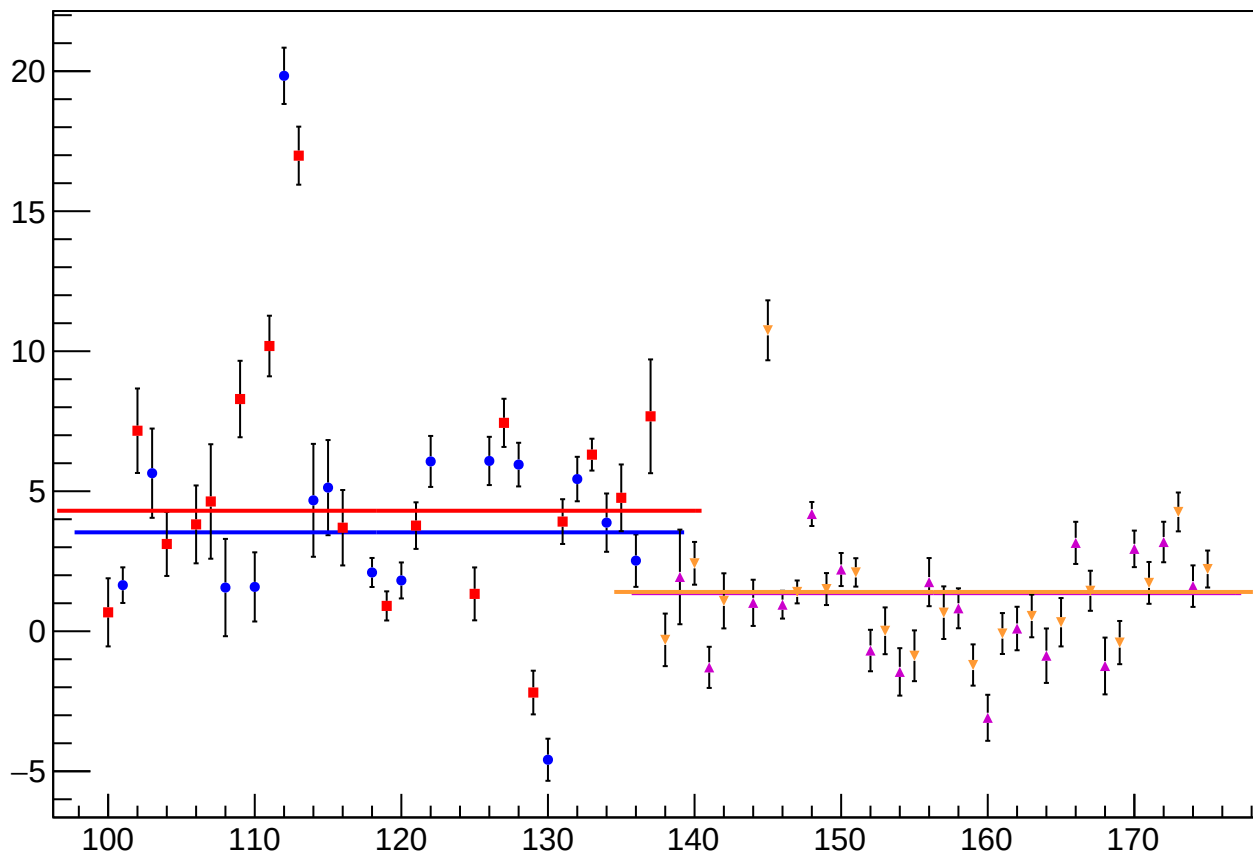
Left In: -37.493 $\pm$ 0.232 χ^2 /NDF:690.9/17

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

All: -37.496 $\pm$ 0.162 χ^2 /NDF: 1627.1/36

- sign 0.000 $\pm$ 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: 1.404 ± 0.162 $\chi^2/\text{NDF}: 136.7/18$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

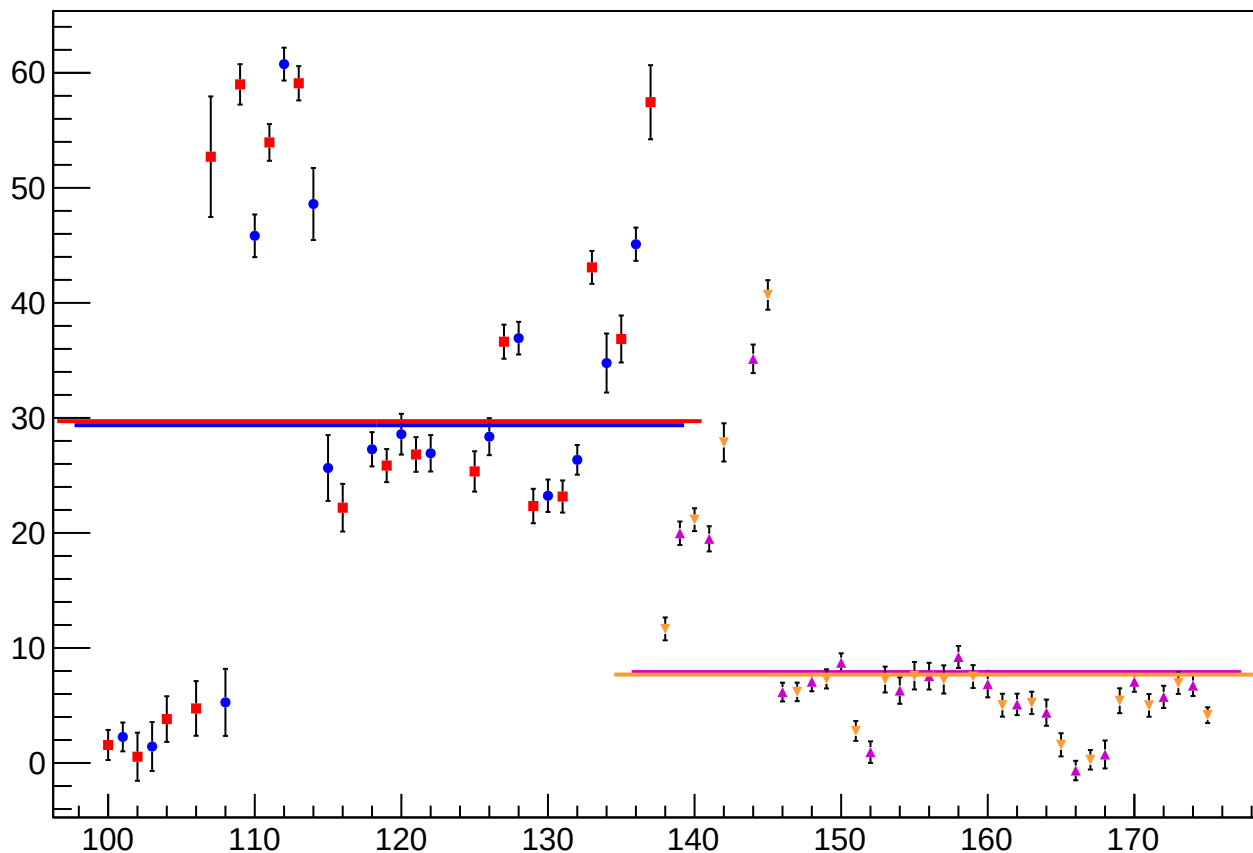
Left In: 1.360 ± 0.168 $\chi^2/\text{NDF}: 140.9/17$

+ sign 2.165 ± 0.130 $\chi^2/\text{NDF}: 641.7/34$

All: 2.294 ± 0.093 $\chi^2/\text{NDF}: 1249.6/70$

- sign 2.432 ± 0.134 $\chi^2/\text{NDF}: 605.9/35$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 ± 0.416 χ^2/NDF : 1488.7/15

Left Out: 7.687 ± 0.223 χ^2/NDF : 1208.4/18

Right Out: 29.719 ± 0.402 χ^2/NDF : 2129.5/17

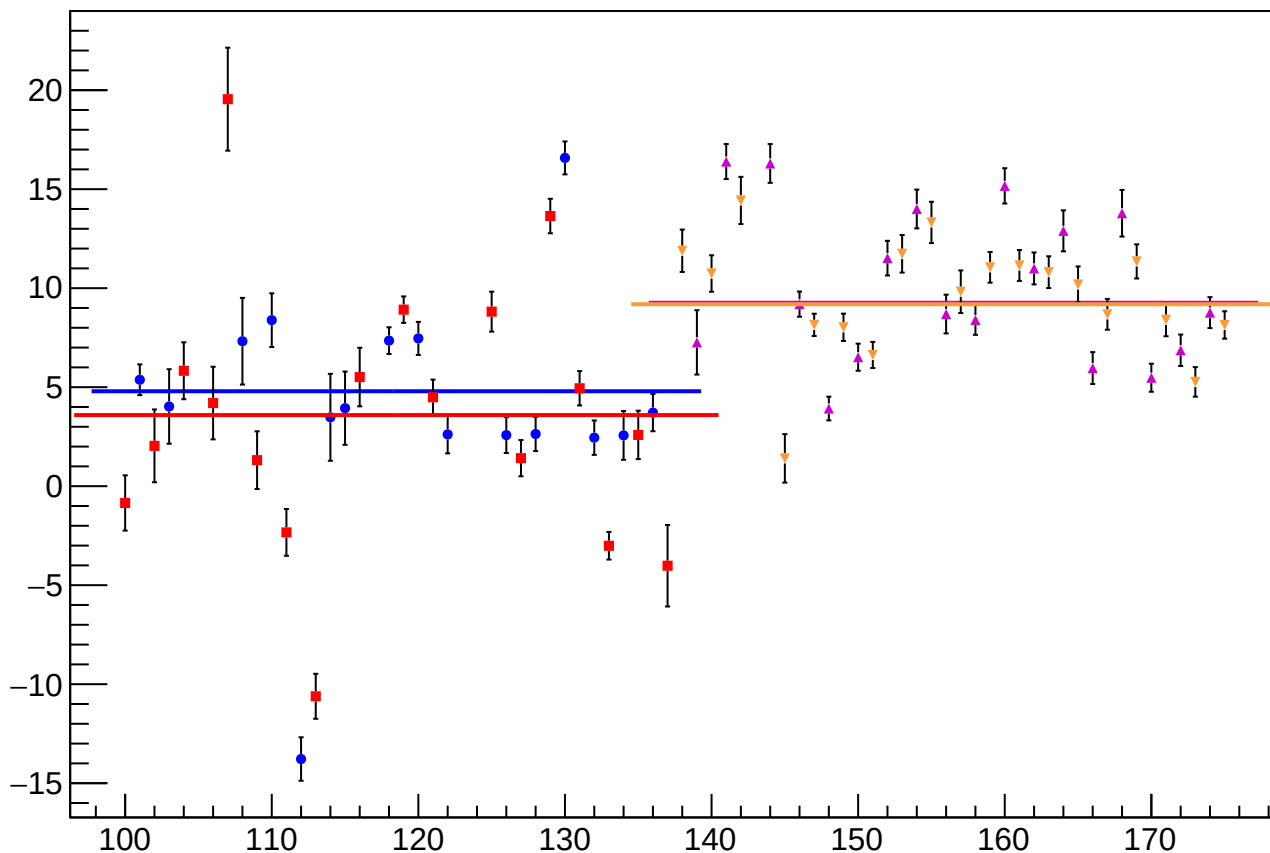
Left In: 7.903 ± 0.229 χ^2/NDF : 964.2/17

+ sign 12.520 ± 0.197 χ^2/NDF : 4802.8/34

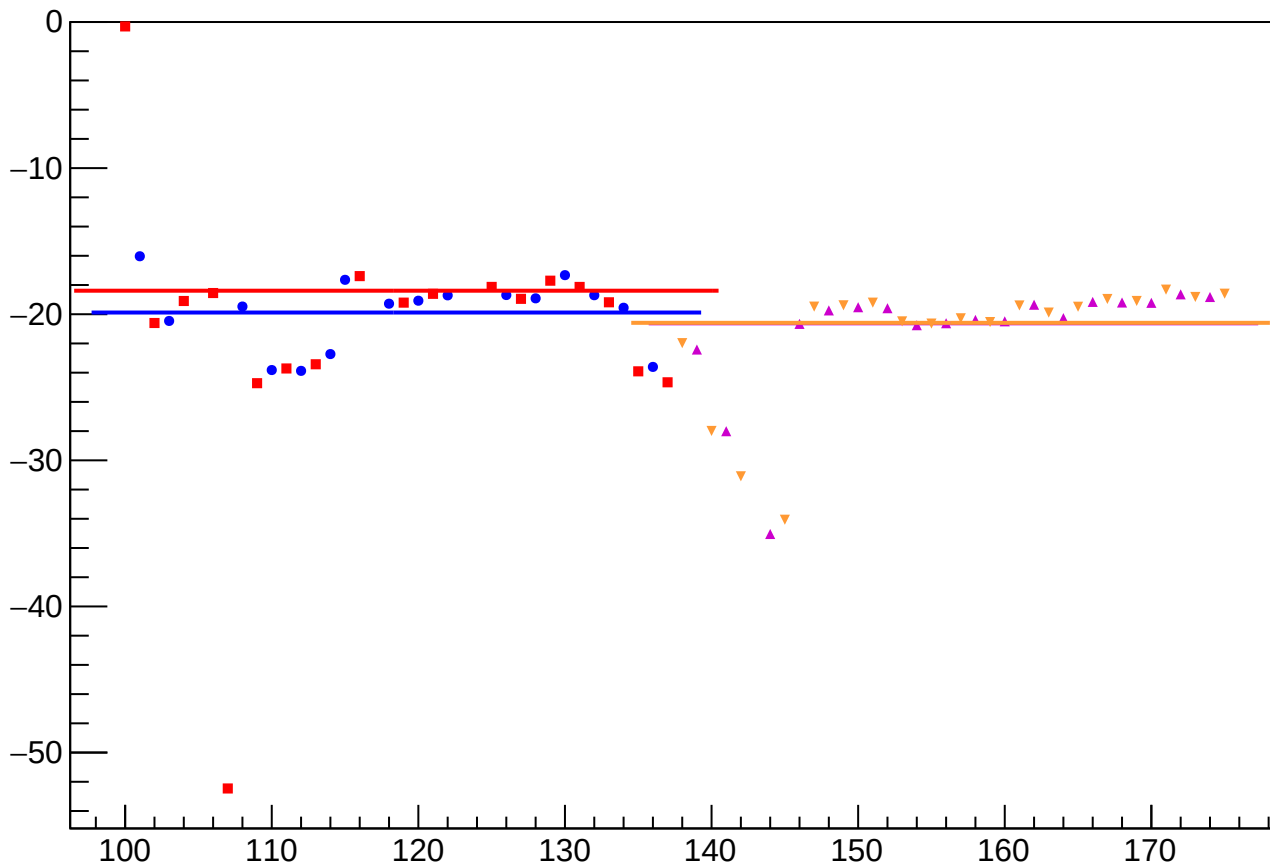
All: 12.883 ± 0.140 χ^2/NDF : 10120.9/70

- sign 13.256 ± 0.199 χ^2/NDF : 5311.2/35

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -20.588 ± 0.009 $\chi^2/\text{NDF}: 144895.8/18$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

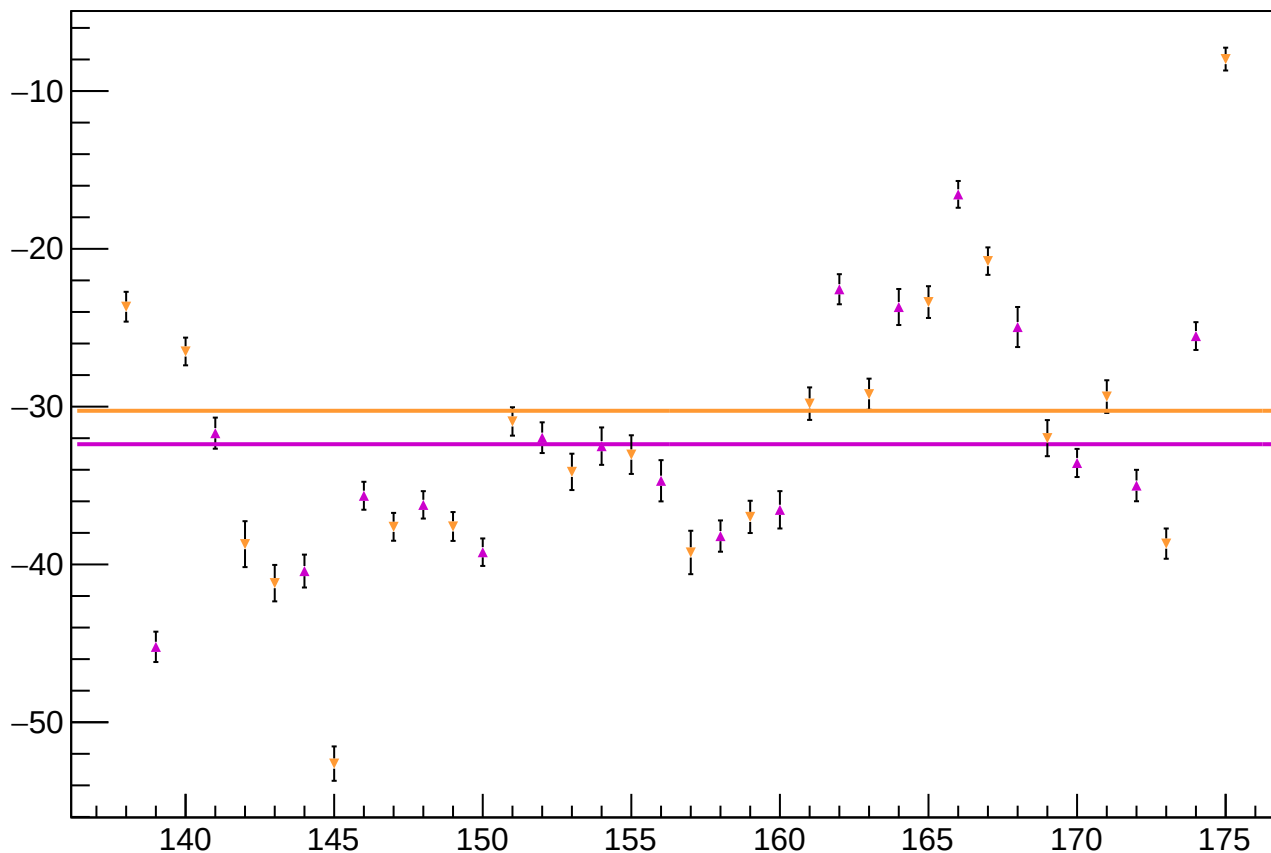
Left In: -20.623 ± 0.009 $\chi^2/\text{NDF}: 114970.3/17$

+ sign -20.414 ± 0.008 $\chi^2/\text{NDF}: 172505.1/34$

All: -20.215 ± 0.005 $\chi^2/\text{NDF}: 606792.9/70$

- sign -20.020 ± 0.008 $\chi^2/\text{NDF}: 432979.1/35$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -30.262 $\pm$ 0.223 χ^2/NDF : 2044.5/19

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

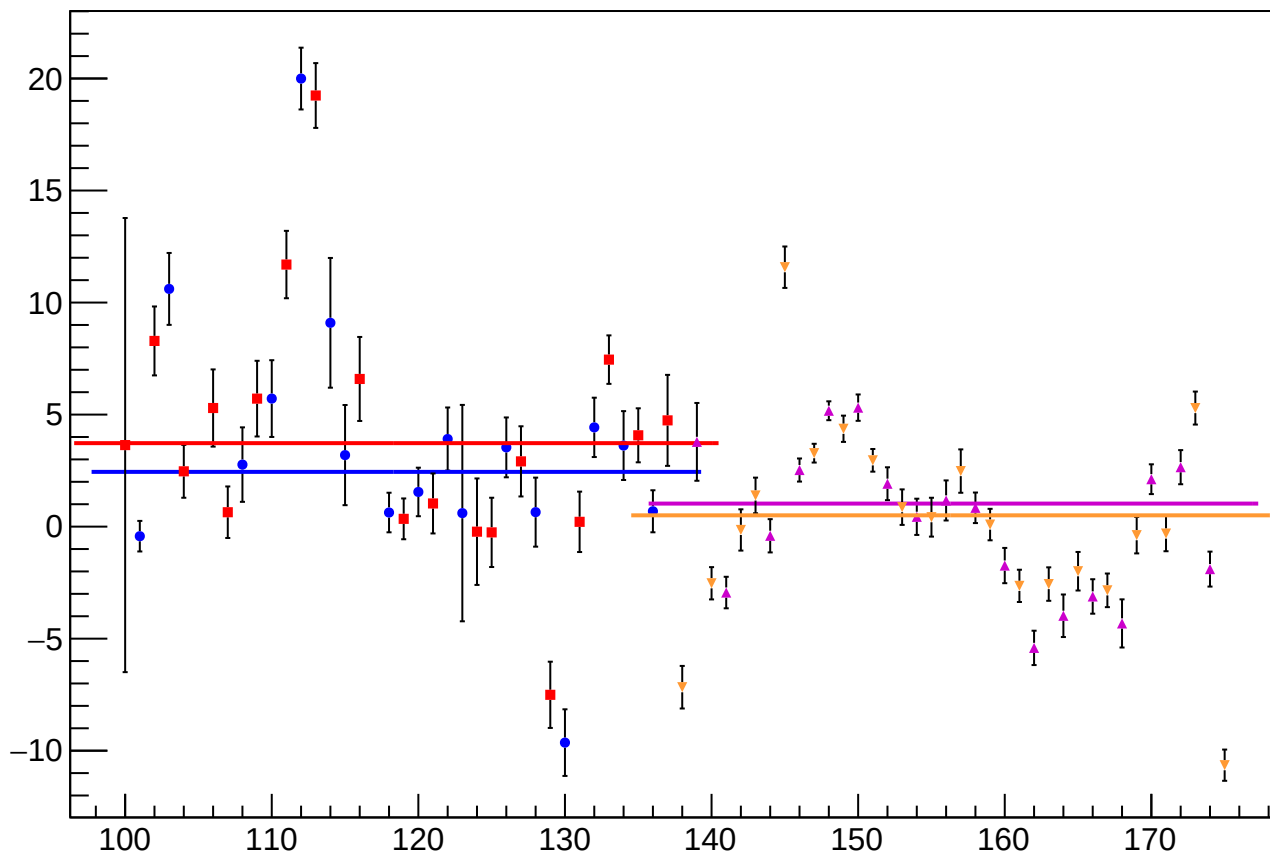
Left In: -32.381 $\pm$ 0.233 χ^2/NDF : 998.8/17

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

All: -31.277 $\pm$ 0.161 χ^2/NDF : 3086.4/37

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

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 $\chi^2/\text{NDF}: 295.3/16$

Left Out: 0.504 ± 0.159 $\chi^2/\text{NDF}: 708.7/19$

Right Out: 3.726 ± 0.327 $\chi^2/\text{NDF}: 269.1/18$

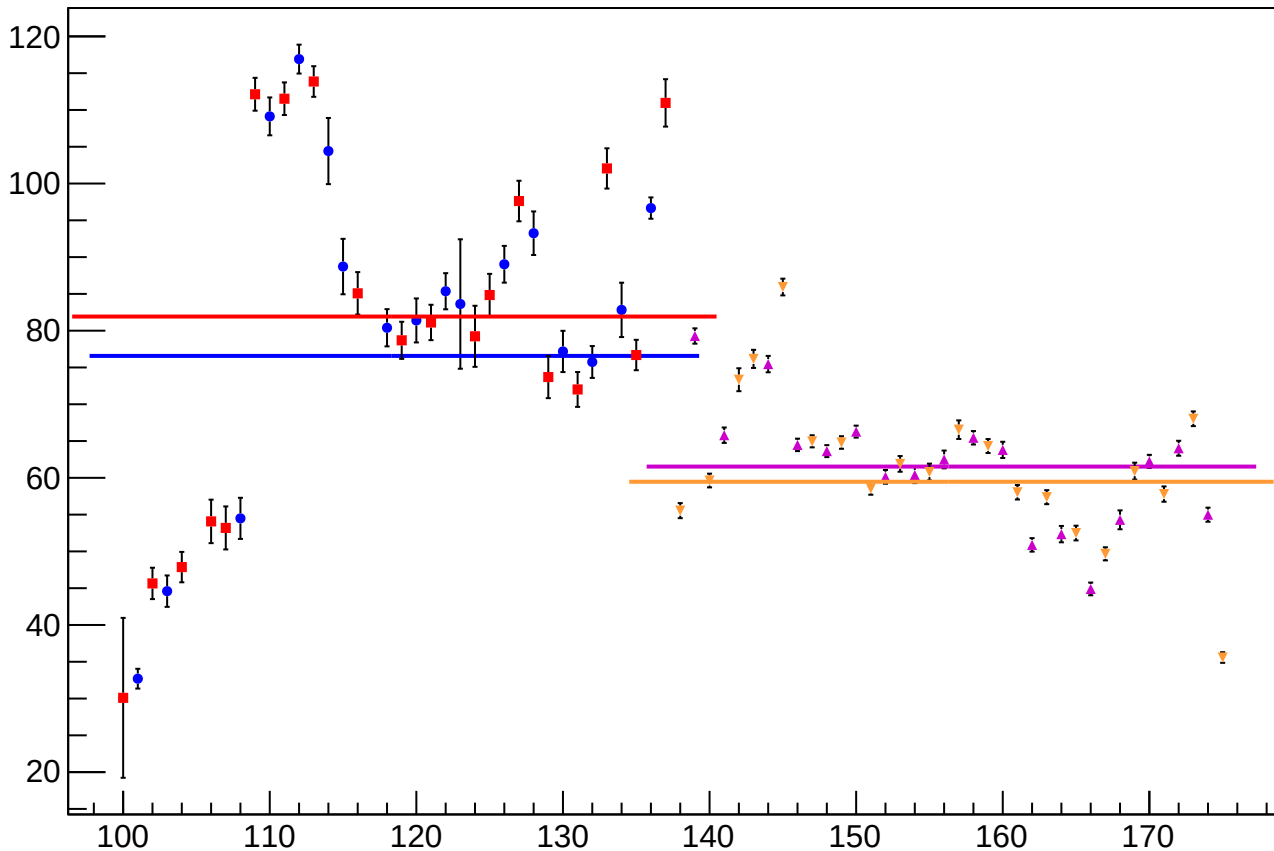
Left In: 1.028 ± 0.167 $\chi^2/\text{NDF}: 384.4/17$

+ sign 0.907 ± 0.142 $\chi^2/\text{NDF}: 1034.8/36$

All: 1.231 ± 0.103 $\chi^2/\text{NDF}: 1753.2/73$

- sign 1.587 ± 0.149 $\chi^2/\text{NDF}: 707.5/36$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 59.466 $\pm$ 0.221 χ^2 /NDF:2315.8/19

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

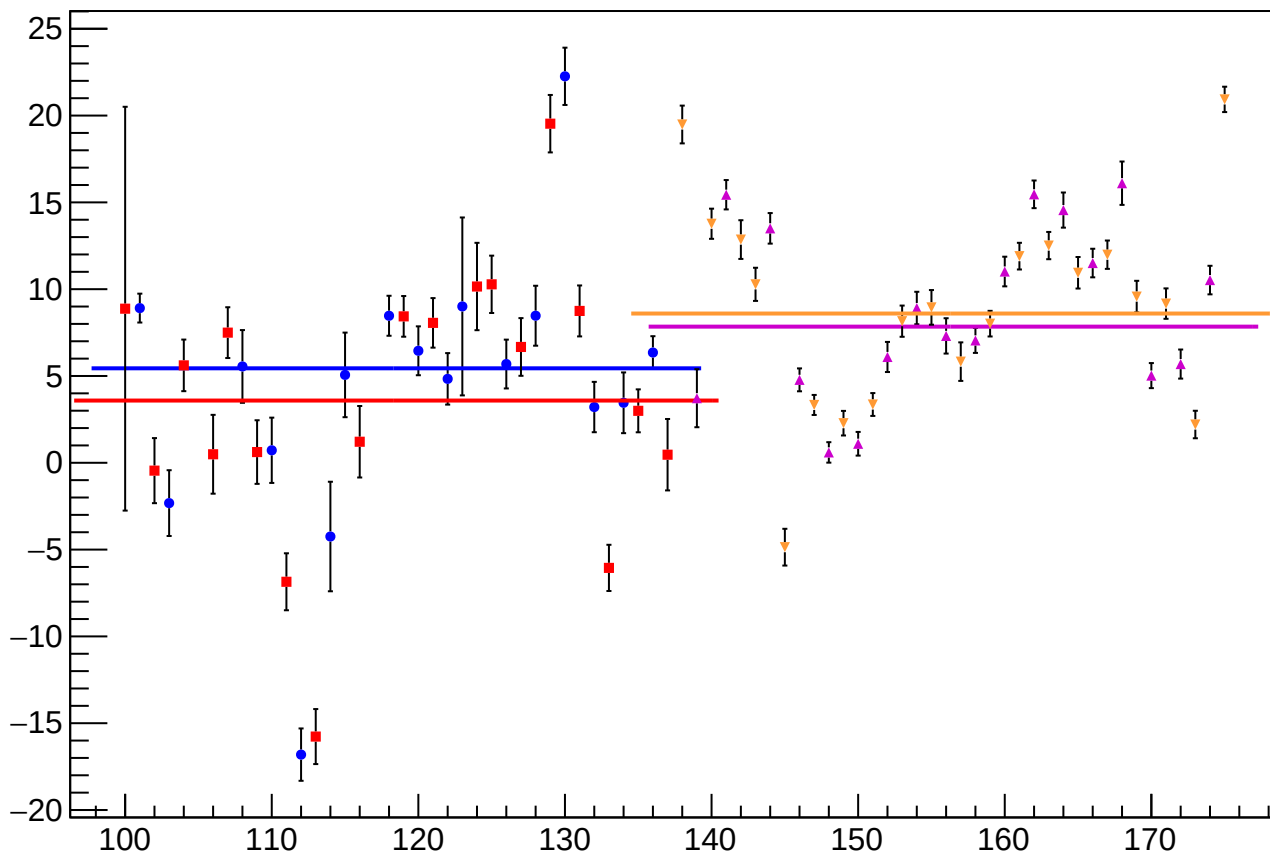
Left In: 61.530 $\pm$ 0.230 χ^2 /NDF:1200.5/17

+ sign 61.675 $\pm$ 0.206 χ^2 /NDF: 5344.7/36

All: 62.887 $\pm$ 0.148 χ^2 /NDF: 9219.7/73

- sign 64.195 $\pm$ 0.214 χ^2 /NDF: 3803.0/36

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 8.597 ± 0.185 $\chi^2/\text{NDF}: 967.3/19$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

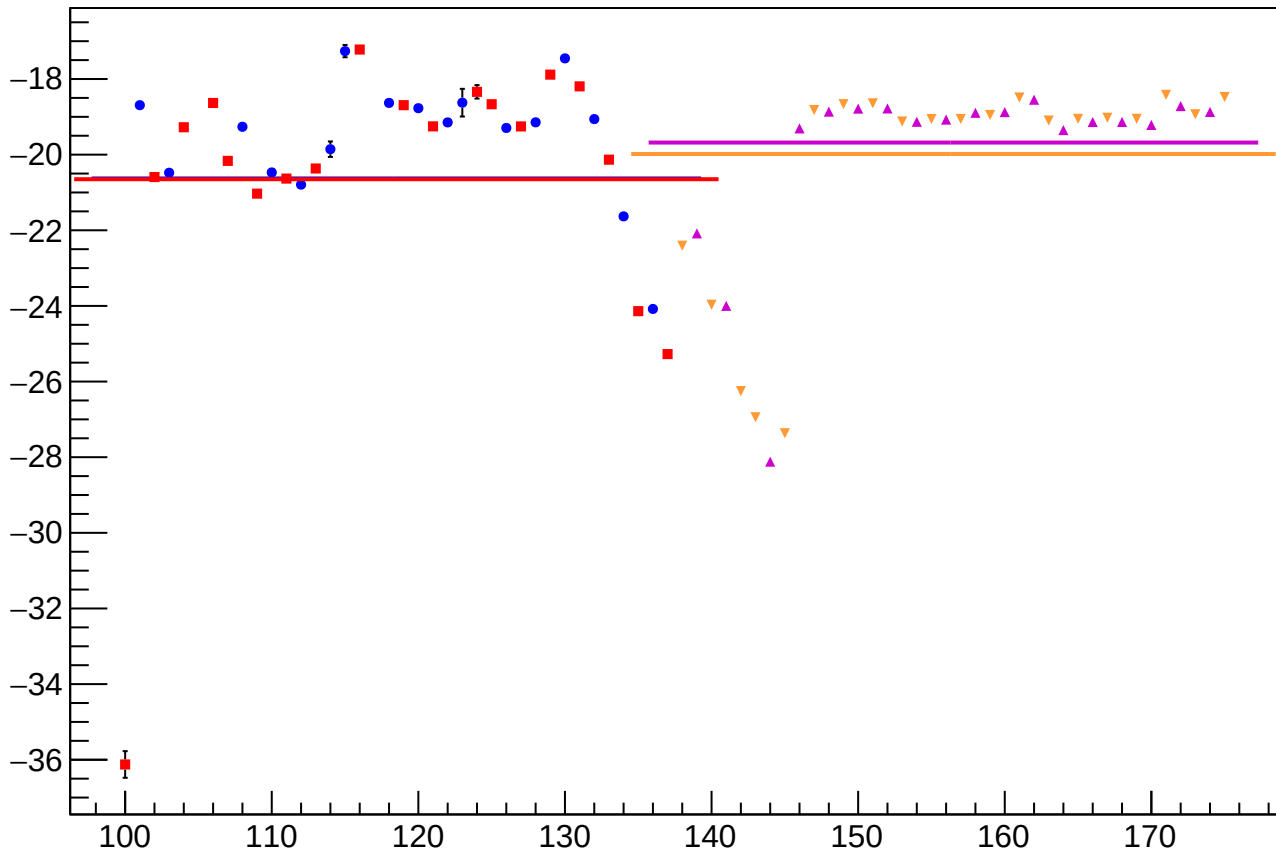
Left In: 7.843 ± 0.194 $\chi^2/\text{NDF}: 651.2/17$

+ sign 7.929 ± 0.164 $\chi^2/\text{NDF}: 1416.3/36$

All: 7.460 ± 0.119 $\chi^2/\text{NDF}: 2609.3/73$

- sign 6.946 ± 0.172 $\chi^2/\text{NDF}: 1176.0/36$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 χ^2/NDF : 12490.5/16

Left Out: -19.983 ± 0.009 χ^2/NDF : 84237.8/19

Right Out: -20.650 ± 0.019 χ^2/NDF : 13885.7/18

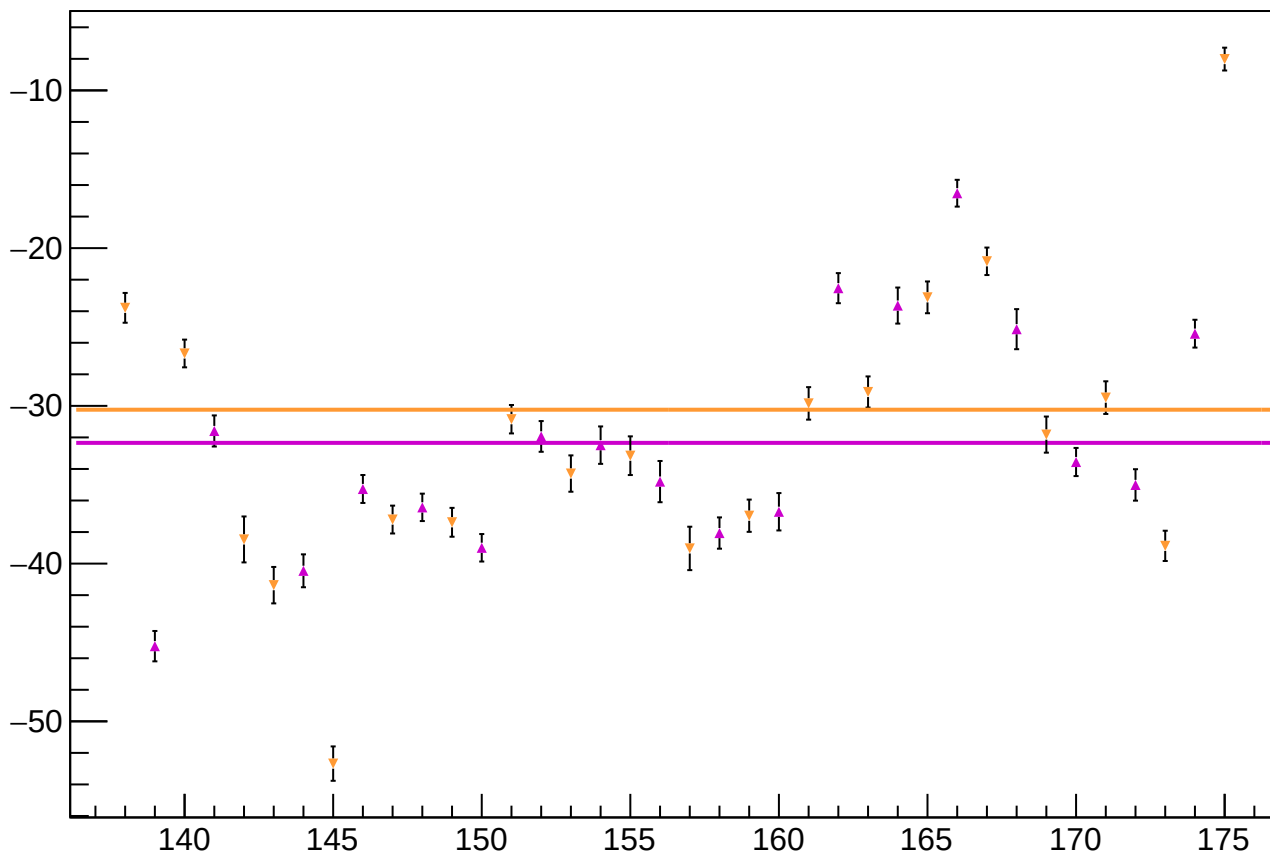
Left In: -19.680 ± 0.009 χ^2/NDF : 50689.5/17

+ sign -20.095 ± 0.008 χ^2/NDF : 97660.2/36

All: -19.975 ± 0.006 χ^2/NDF : 164744.3/73

- sign -19.851 ± 0.008 χ^2/NDF : 66626.4/36

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -30.244+/-0.223 χ^2/NDF : 2032.2/19

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

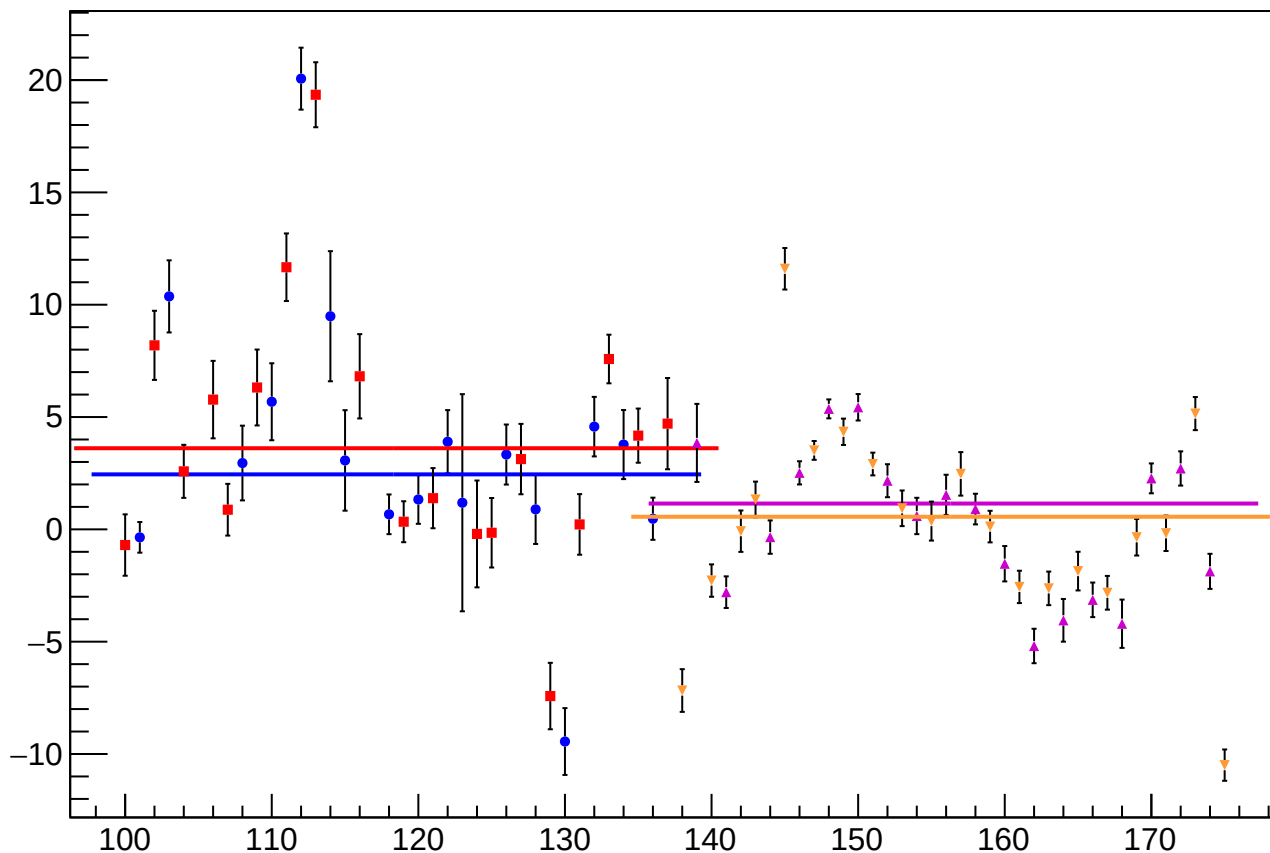
Left In: -32.345+/-0.233 χ^2/NDF : 995.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.250+/-0.161 χ^2/NDF : 3070.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 $\chi^2/\text{NDF}: 293.4/16$

Left Out: 0.561 ± 0.159 $\chi^2/\text{NDF}: 700.8/19$

Right Out: 3.611 ± 0.318 $\chi^2/\text{NDF}: 279.4/18$

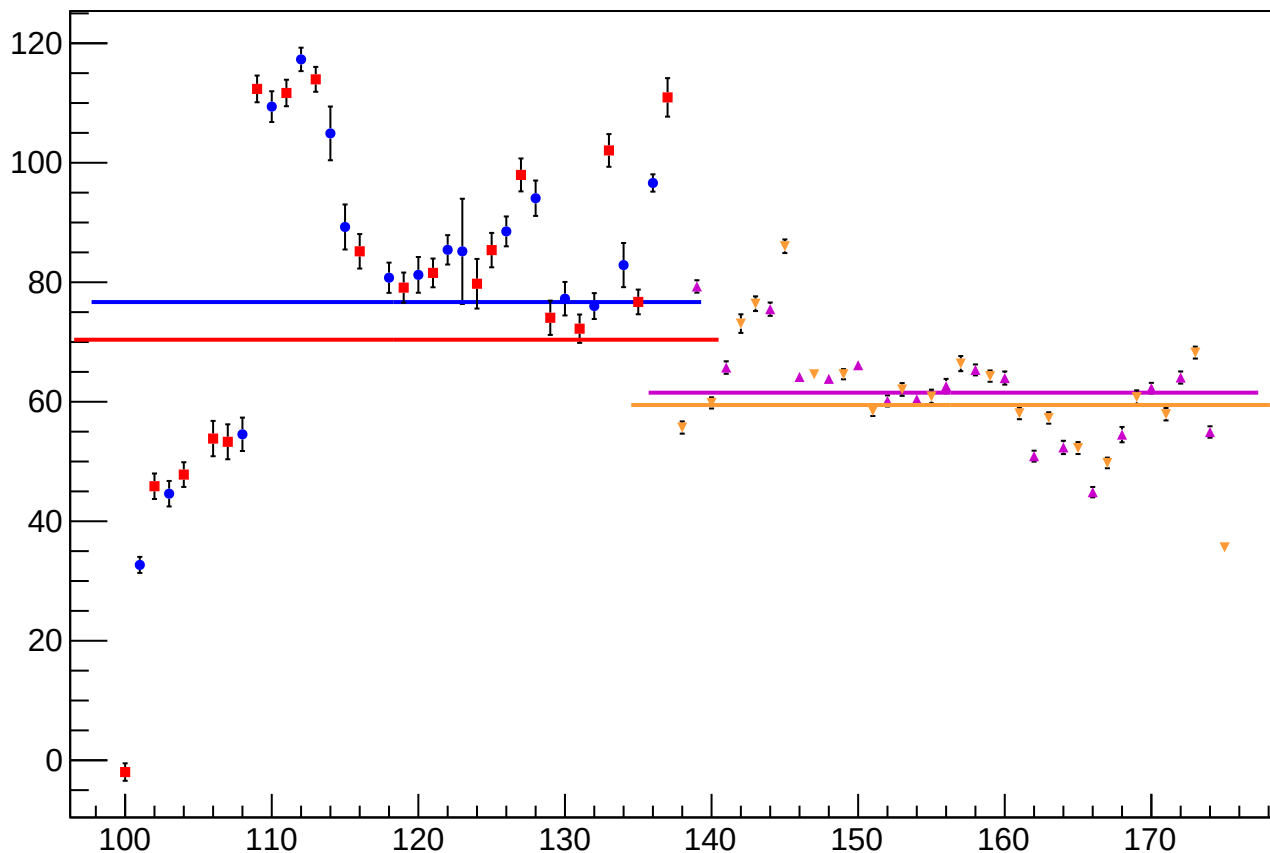
Left In: 1.149 ± 0.167 $\chi^2/\text{NDF}: 388.3/17$

+ sign 0.953 ± 0.142 $\chi^2/\text{NDF}: 1023.3/36$

All: 1.302 ± 0.102 $\chi^2/\text{NDF}: 1750.6/73$

- sign 1.681 ± 0.148 $\chi^2/\text{NDF}: 714.7/36$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 ± 0.574 $\chi^2/\text{NDF}: 2265.1/16$

Left Out: 59.455 ± 0.221 $\chi^2/\text{NDF}: 2309.7/19$

Right Out: 70.386 ± 0.550 $\chi^2/\text{NDF}: 4391.1/18$

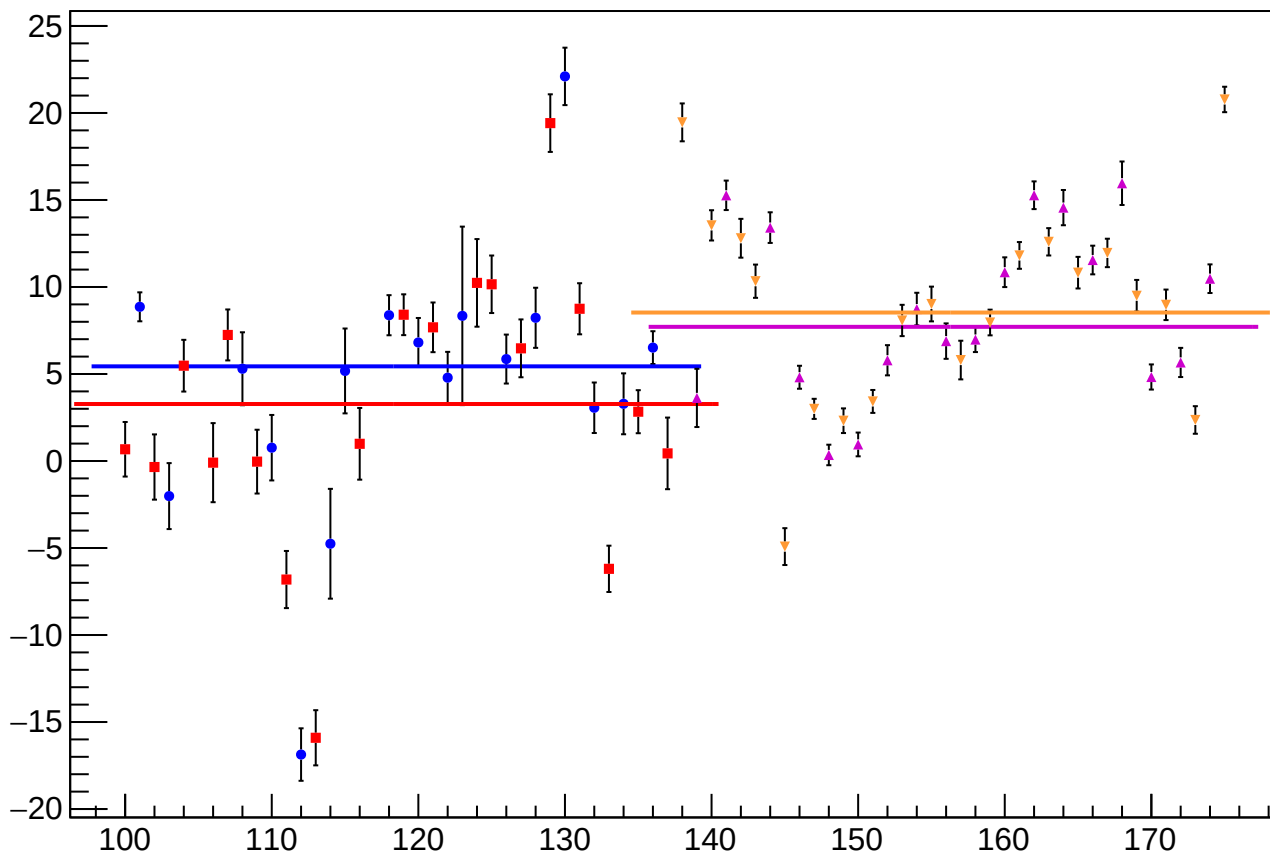
Left In: 61.521 ± 0.230 $\chi^2/\text{NDF}: 1196.3/17$

+ sign 61.680 ± 0.206 $\chi^2/\text{NDF}: 5360.7/36$

All: 62.243 ± 0.148 $\chi^2/\text{NDF}: 11184.9/73$

- sign 62.838 ± 0.212 $\chi^2/\text{NDF}: 5808.8/36$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 8.532 ± 0.185 $\chi^2/\text{NDF}: 961.3/19$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

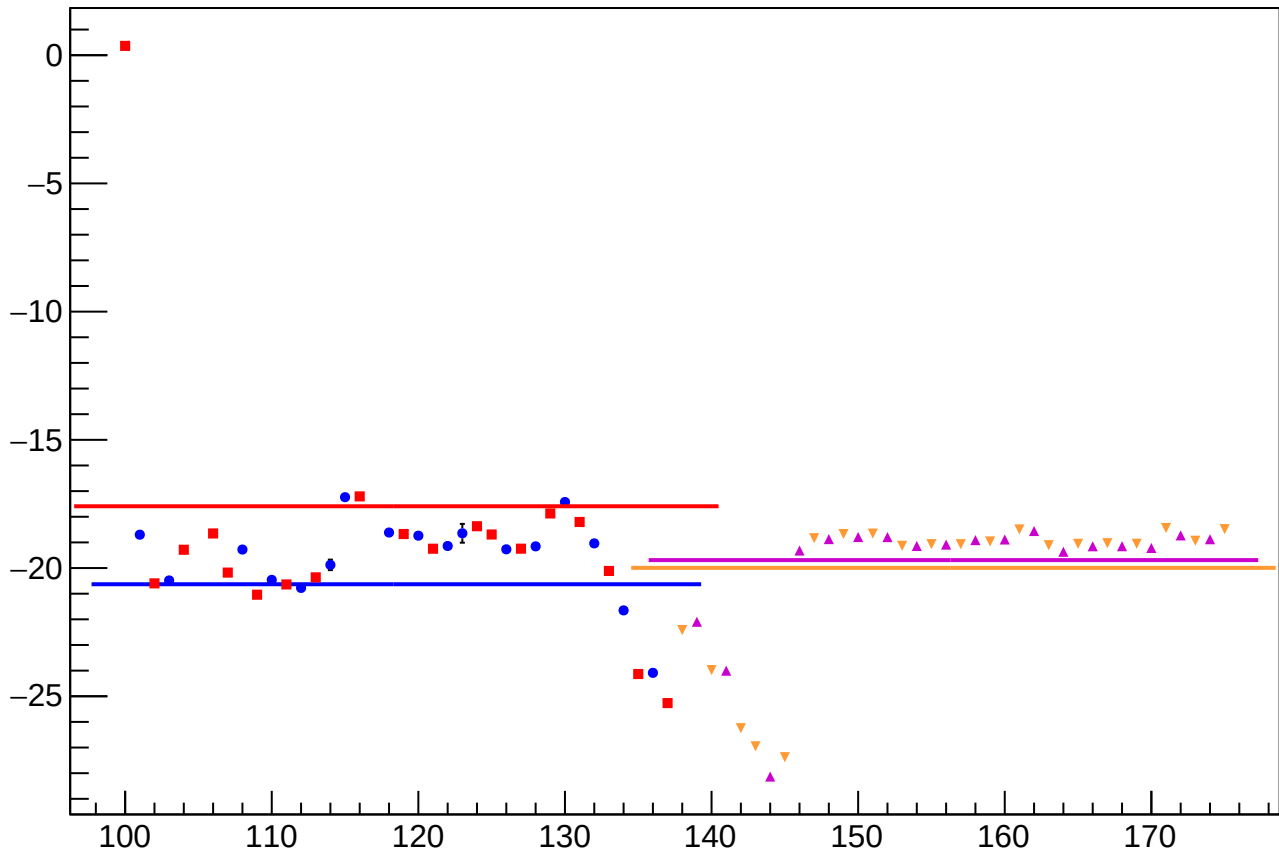
Left In: 7.710 ± 0.194 $\chi^2/\text{NDF}: 656.6/17$

+ sign 7.877 ± 0.164 $\chi^2/\text{NDF}: 1406.2/36$

All: 7.329 ± 0.119 $\chi^2/\text{NDF}: 2626.7/73$

- sign 6.735 ± 0.171 $\chi^2/\text{NDF}: 1197.3/36$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -19.992 ± 0.009 $\chi^2/\text{NDF}: 84090.0/19$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

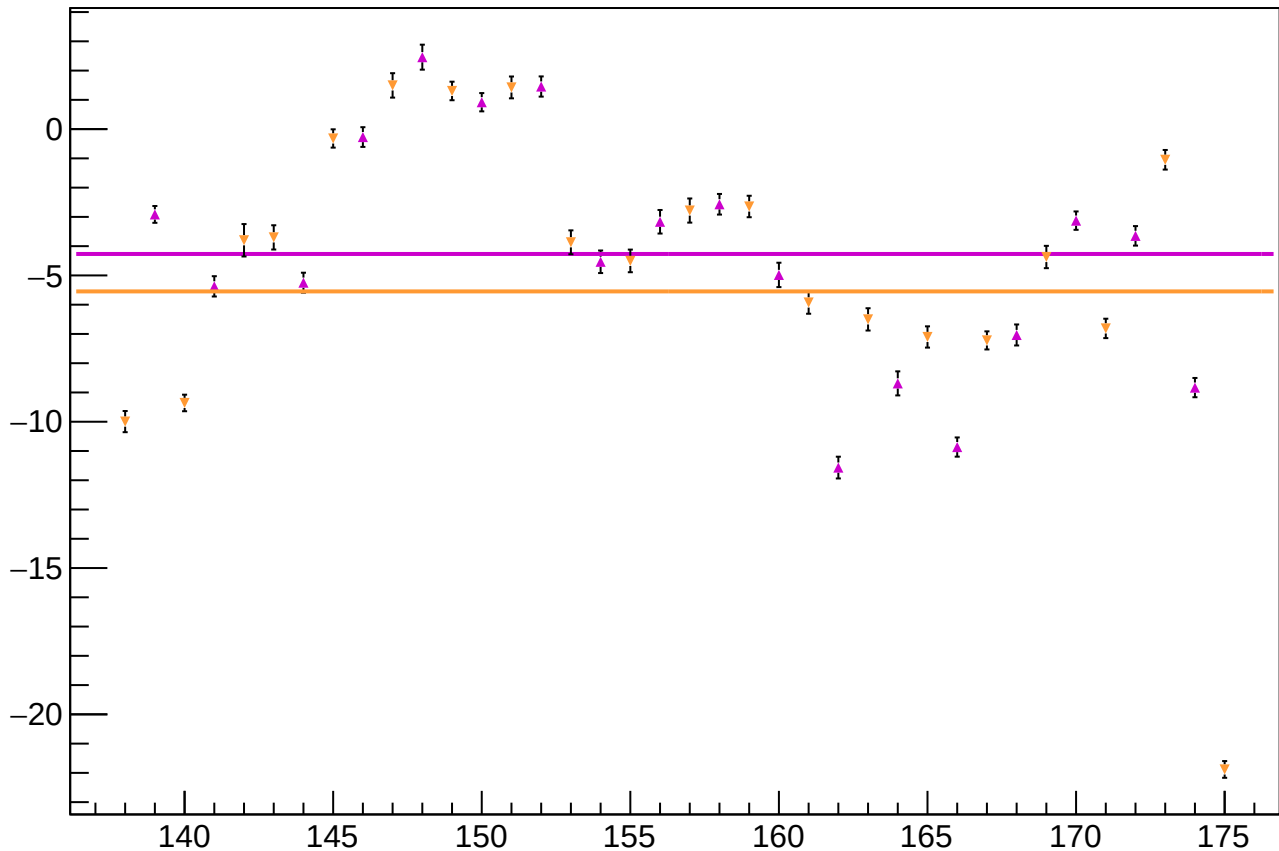
Left In: -19.690 ± 0.009 $\chi^2/\text{NDF}: 50632.3/17$

+ sign -20.103 ± 0.008 $\chi^2/\text{NDF}: 97528.8/36$

All: -19.688 ± 0.006 $\chi^2/\text{NDF}: 343072.5/73$

- sign -19.272 ± 0.008 $\chi^2/\text{NDF}: 240194.6/36$

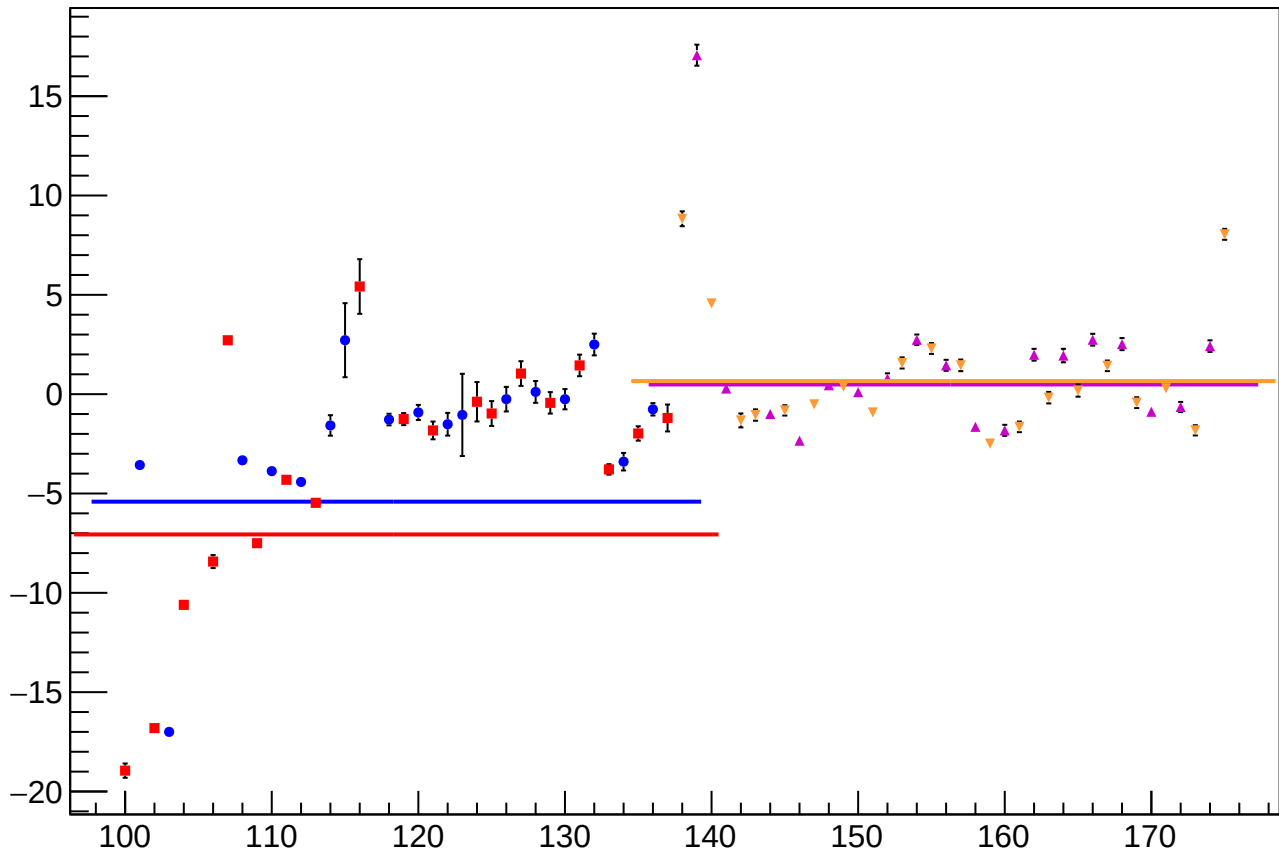
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.546 ± 0.080 χ^2/NDF : 5400.7/19
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -4.267 ± 0.082 χ^2/NDF : 2187.0/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -4.927 ± 0.057 χ^2/NDF : 7712.1/37
 - 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 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.659 ± 0.059 χ^2/NDF : 2072.9/19

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

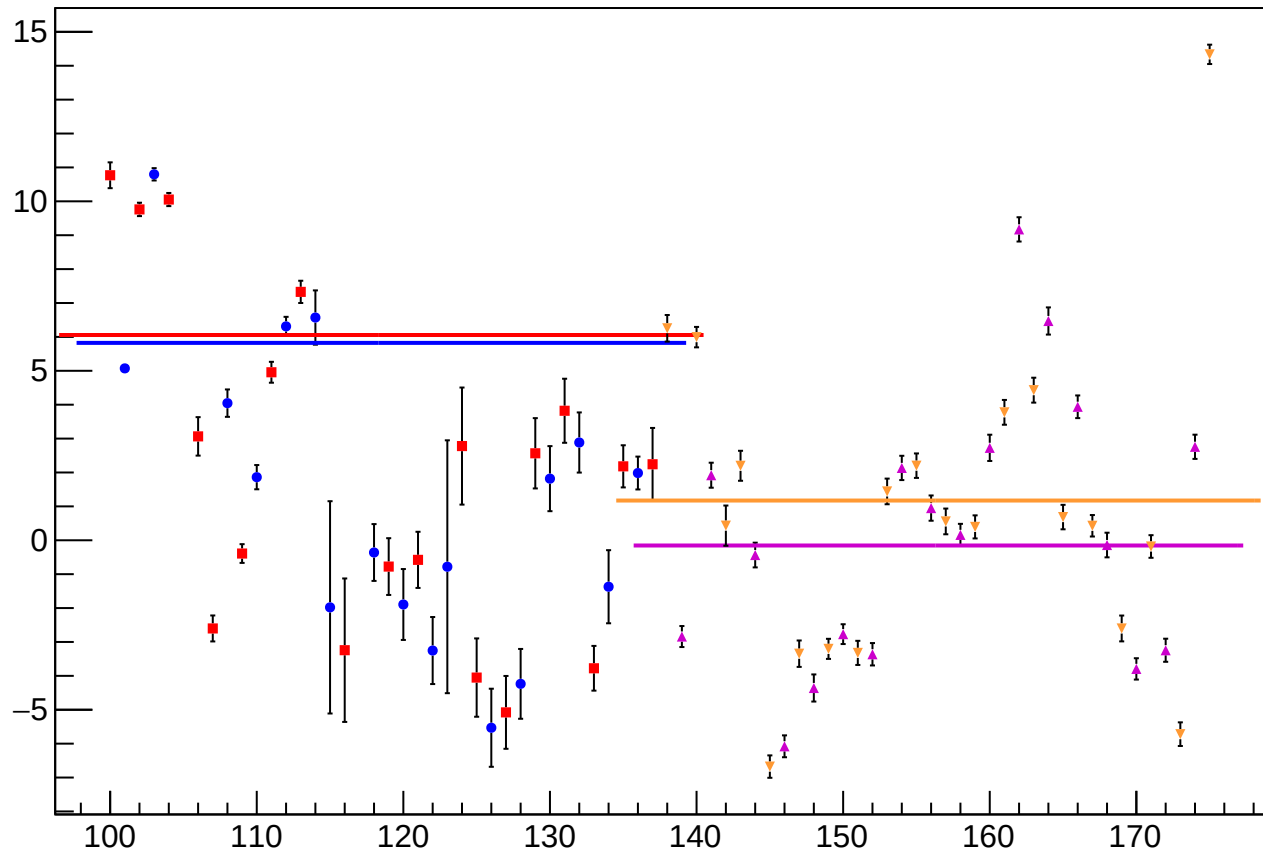
Left In: 0.487 ± 0.062 χ^2/NDF : 1674.7/17

+ sign -2.588 ± 0.040 χ^2/NDF : 17052.8/36

All: -2.993 ± 0.029 χ^2/NDF : 39084.7/73

- sign -3.453 ± 0.043 χ^2/NDF : 21813.1/36

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 $\pm$ 0.090 χ^2/NDF : 1452.6/16

Left Out: 1.172 $\pm$ 0.079 χ^2/NDF : 4287.9/19

Right Out: 6.056 $\pm$ 0.093 χ^2/NDF : 2668.9/18

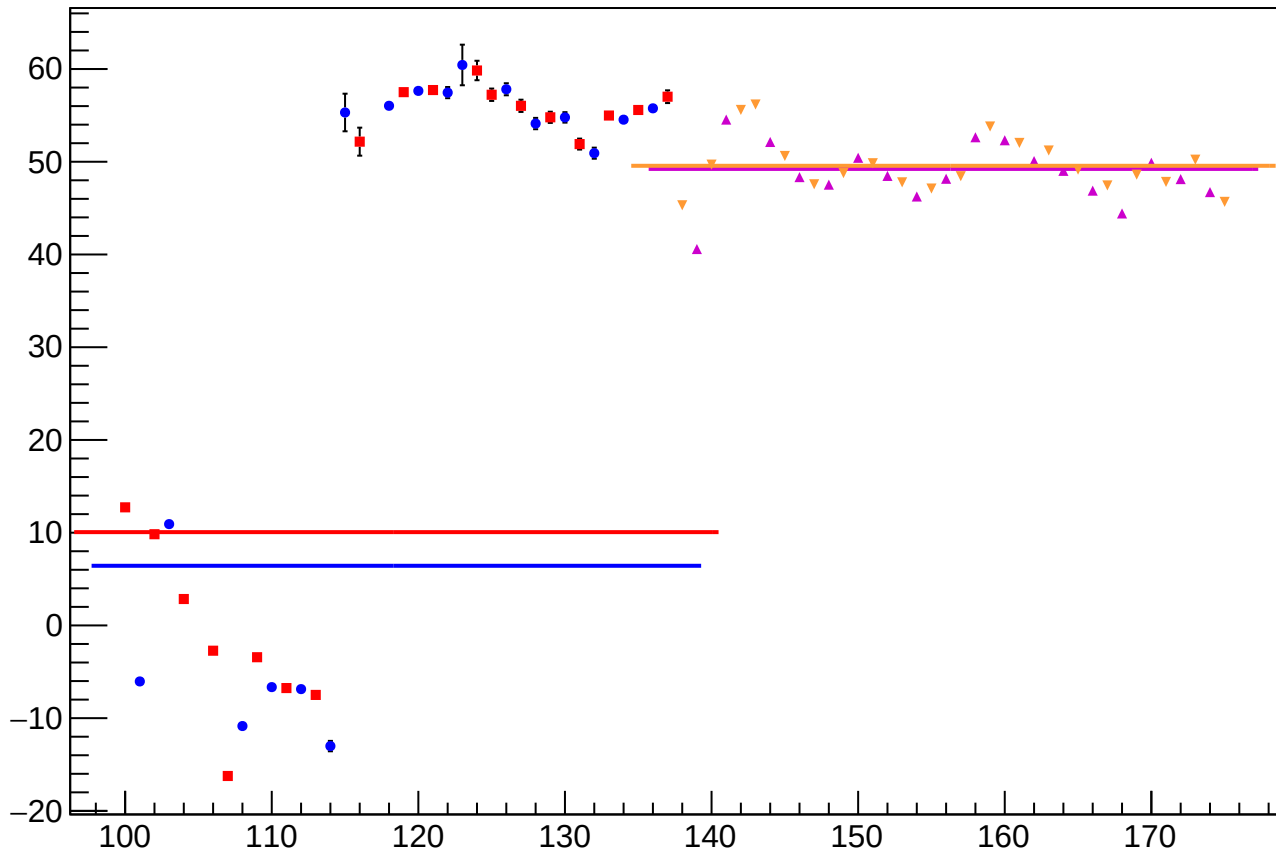
Left In: -0.154 $\pm$ 0.082 χ^2/NDF : 2218.3/17

+ sign 3.212 $\pm$ 0.059 χ^2/NDF : 7254.2/36

All: 2.886 $\pm$ 0.043 χ^2/NDF : 14713.6/73

- sign 2.537 $\pm$ 0.061 χ^2/NDF : 7396.9/36

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.565 ± 0.067 χ^2/NDF : 1499.7/19

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

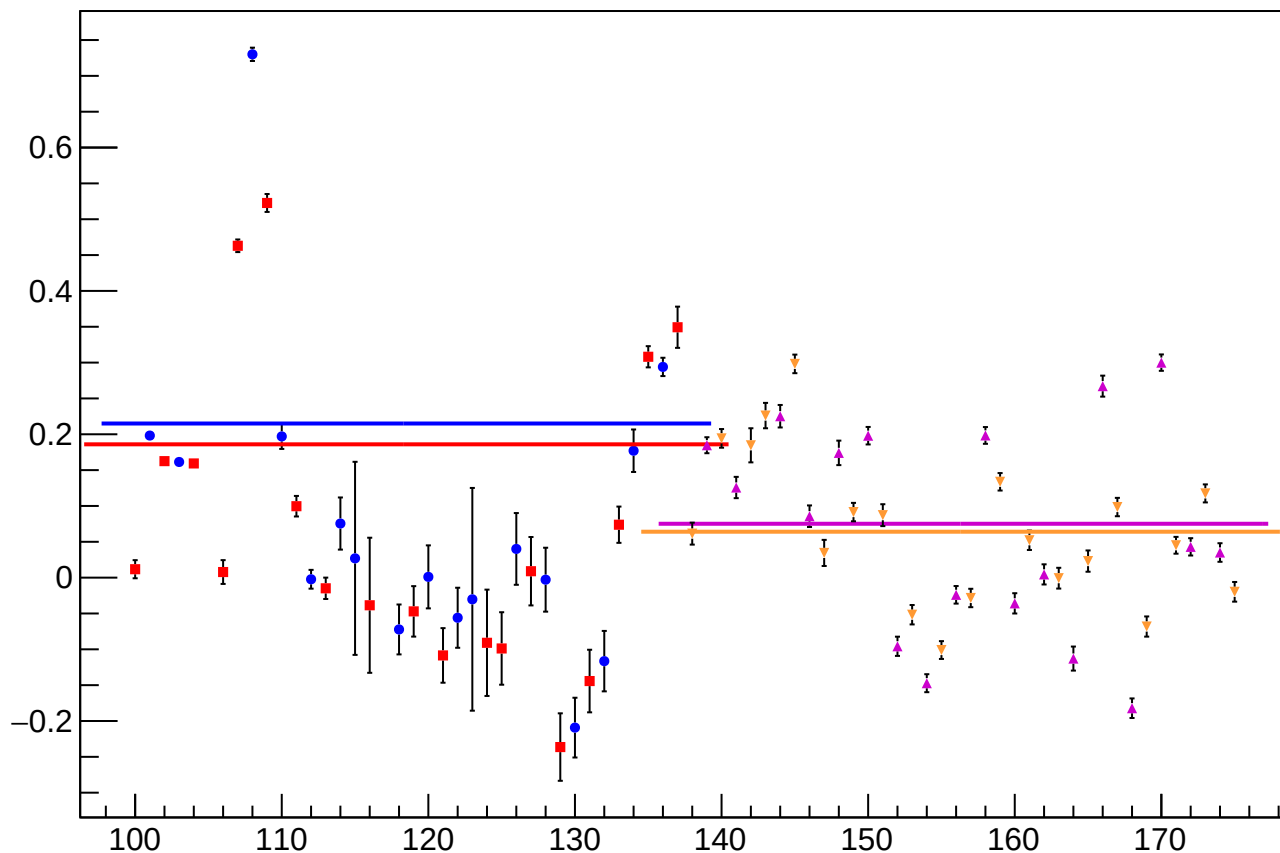
Left In: 49.227 ± 0.070 χ^2/NDF : 1506.6/17

+ sign 27.157 ± 0.047 χ^2/NDF : 338539.7/36

All: 28.245 ± 0.034 χ^2/NDF : 619338.6/73

- sign 29.472 ± 0.050 χ^2/NDF : 279640.8/36

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.064 $\pm$ 0.003 χ^2 /NDF:1061.4/19

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

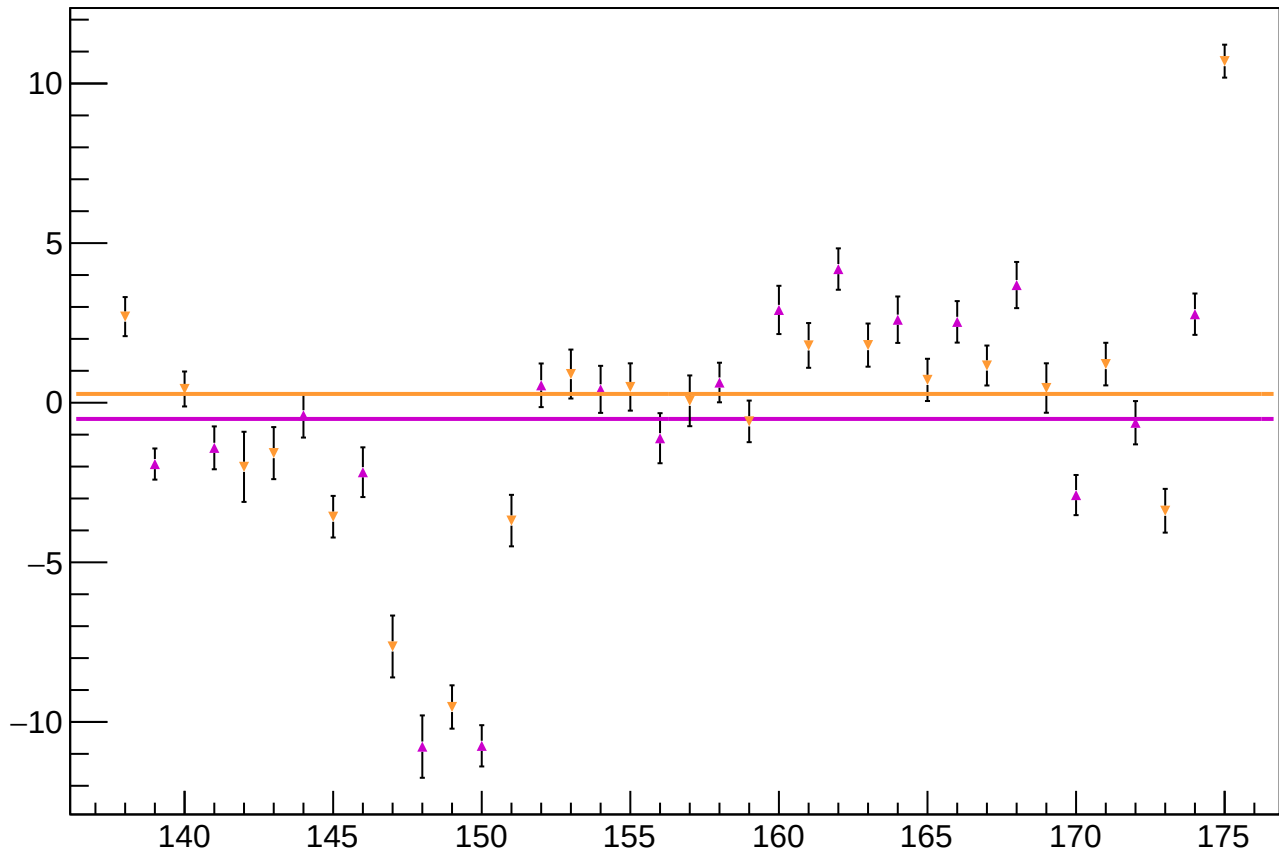
Left In: 0.075 $\pm$ 0.003 χ^2 /NDF:2131.2/17

+ sign 0.148 $\pm$ 0.002 χ^2 /NDF: 6310.0/36

All: 0.144 $\pm$ 0.001 χ^2 /NDF: 11888.9/73

- sign 0.139 $\pm$ 0.002 χ^2 /NDF: 5569.5/36

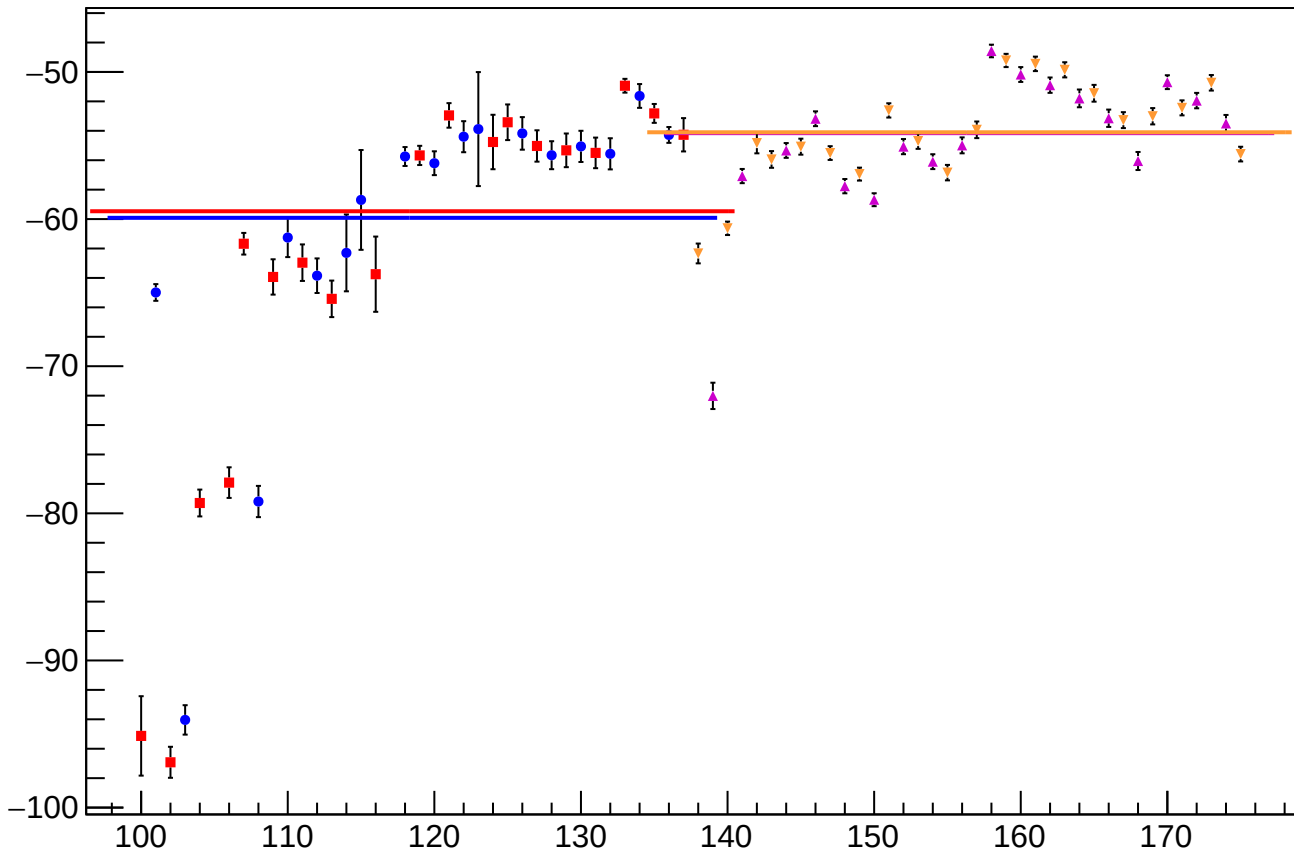
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



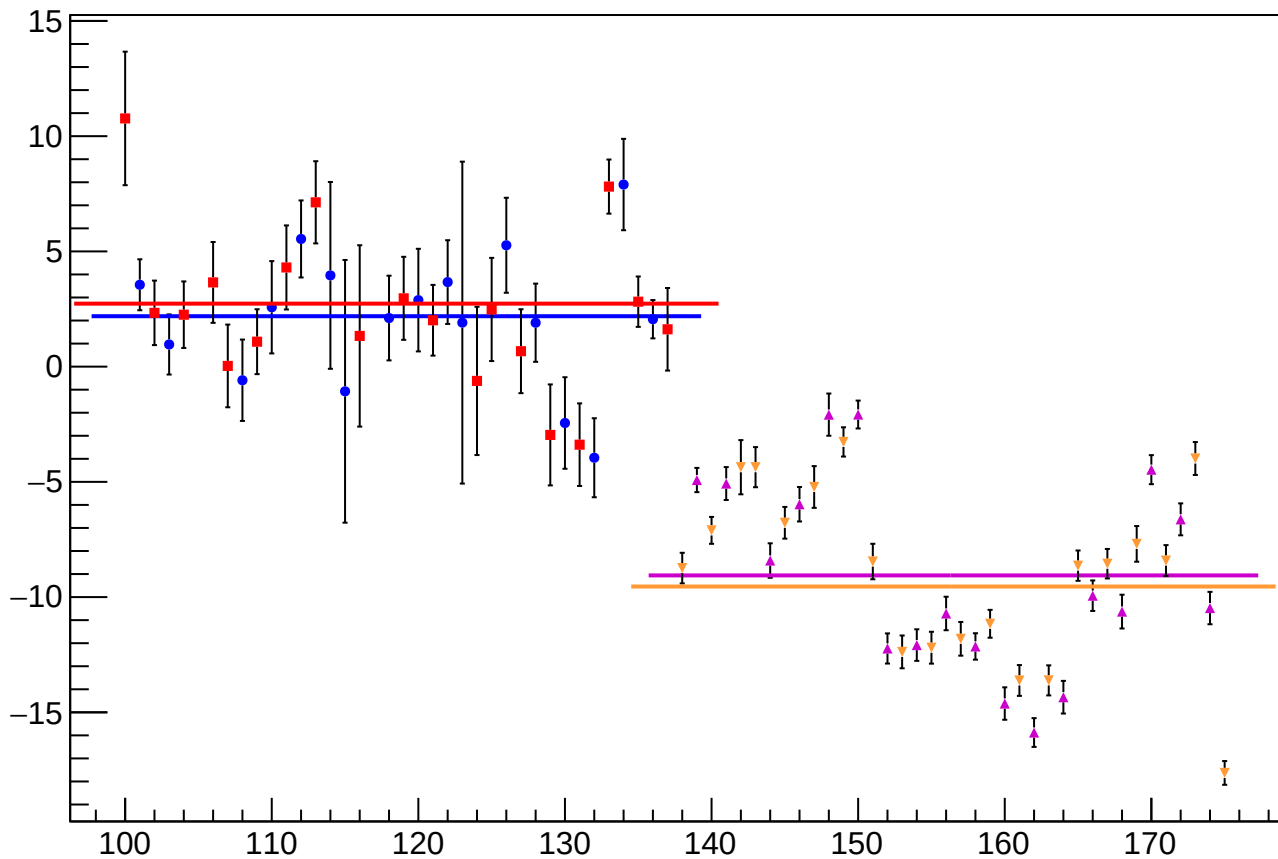
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.275+/-0.155 χ^2/NDF :812.6/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.508+/-0.160 χ^2/NDF :570.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.104+/-0.111 χ^2/NDF : 1395.7/37
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -9.541 ± 0.154 χ^2/NDF : 655.7/19

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

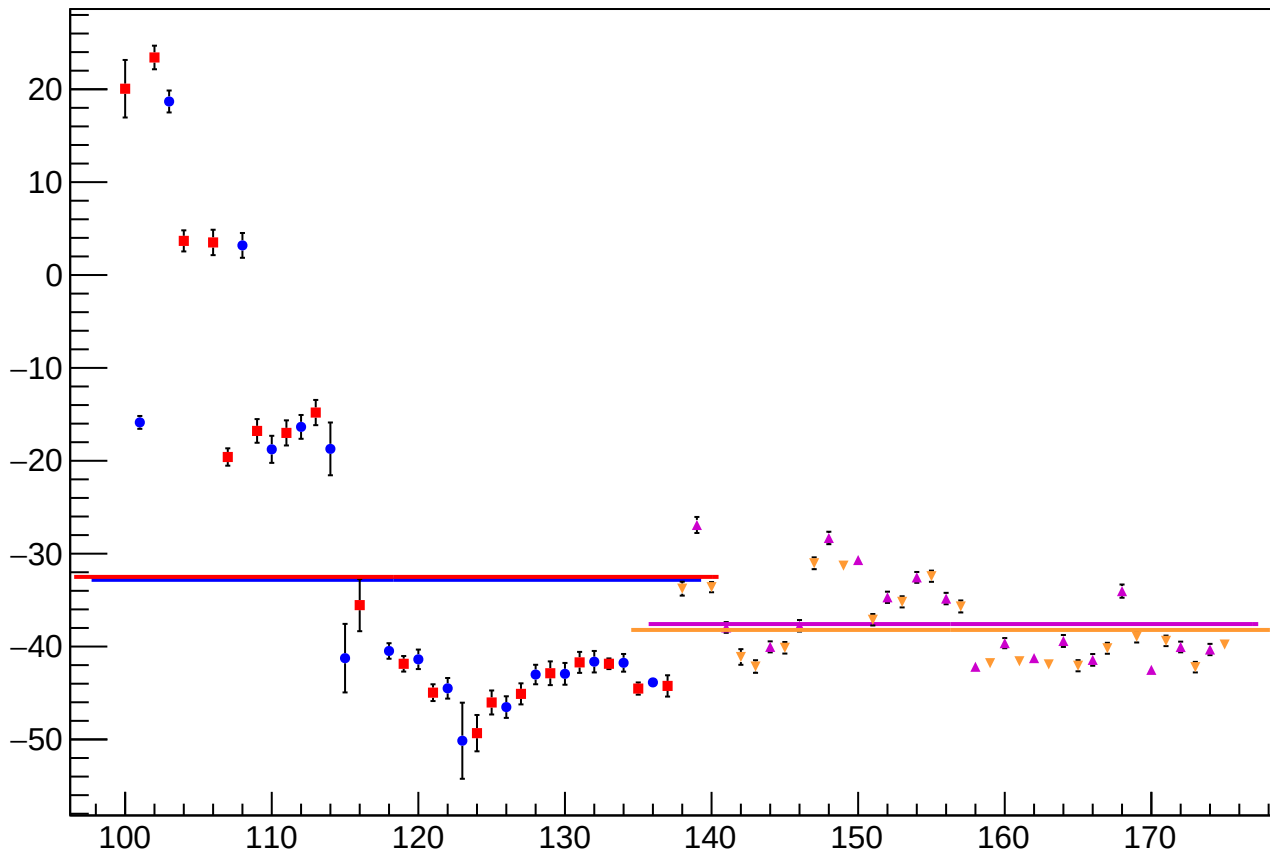
Left In: -9.059 ± 0.158 χ^2/NDF : 692.2/17

+ sign -8.060 ± 0.144 χ^2/NDF : 1430.9/36

All: -7.723 ± 0.103 χ^2/NDF : 2986.1/73

- sign -7.371 ± 0.147 χ^2/NDF : 1544.0/36

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -38.212 ± 0.132 $\chi^2/\text{NDF}: 856.0/19$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

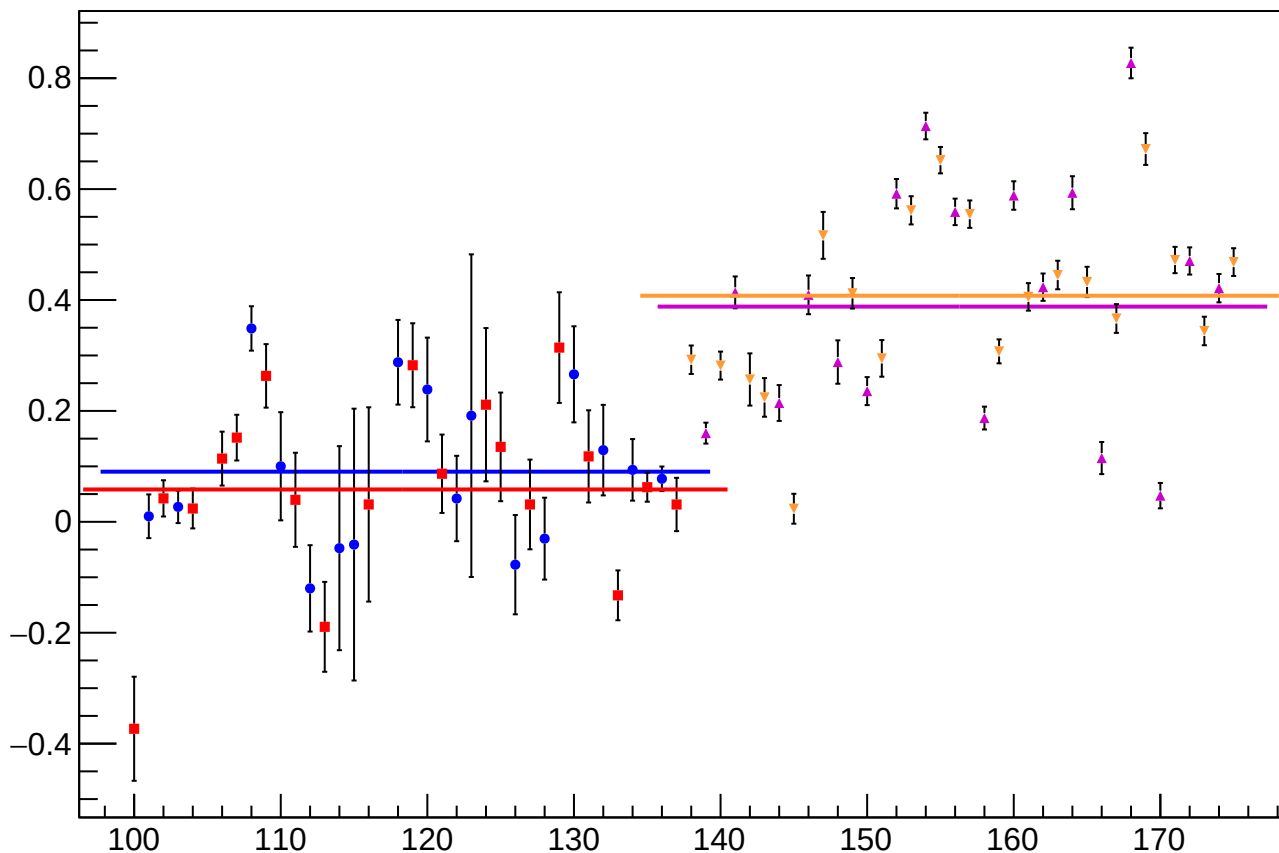
Left In: -37.578 ± 0.138 $\chi^2/\text{NDF}: 1027.4/17$

+ sign -37.065 ± 0.117 $\chi^2/\text{NDF}: 5877.9/36$

All: -36.714 ± 0.084 $\chi^2/\text{NDF}: 13289.4/73$

- sign -36.343 ± 0.120 $\chi^2/\text{NDF}: 7393.0/36$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.408 ± 0.006 $\chi^2/\text{NDF}: 613.3/19$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

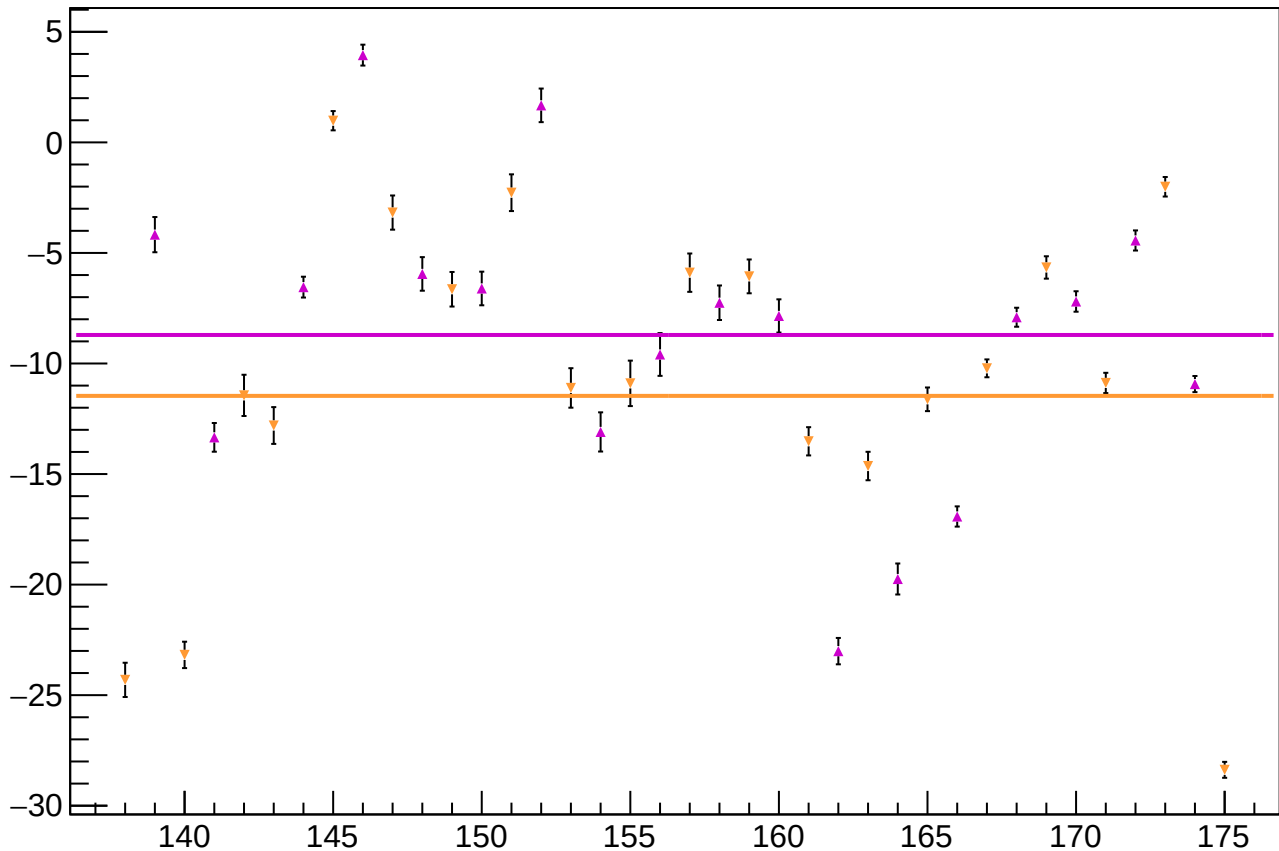
Left In: 0.388 ± 0.006 $\chi^2/\text{NDF}: 1295.8/17$

+ sign 0.350 ± 0.005 $\chi^2/\text{NDF}: 1201.4/36$

All: 0.336 ± 0.004 $\chi^2/\text{NDF}: 3187.5/73$

- sign 0.322 ± 0.005 $\chi^2/\text{NDF}: 1973.3/36$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -11.465 ± 0.131 χ^2/NDF : 4684.0/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

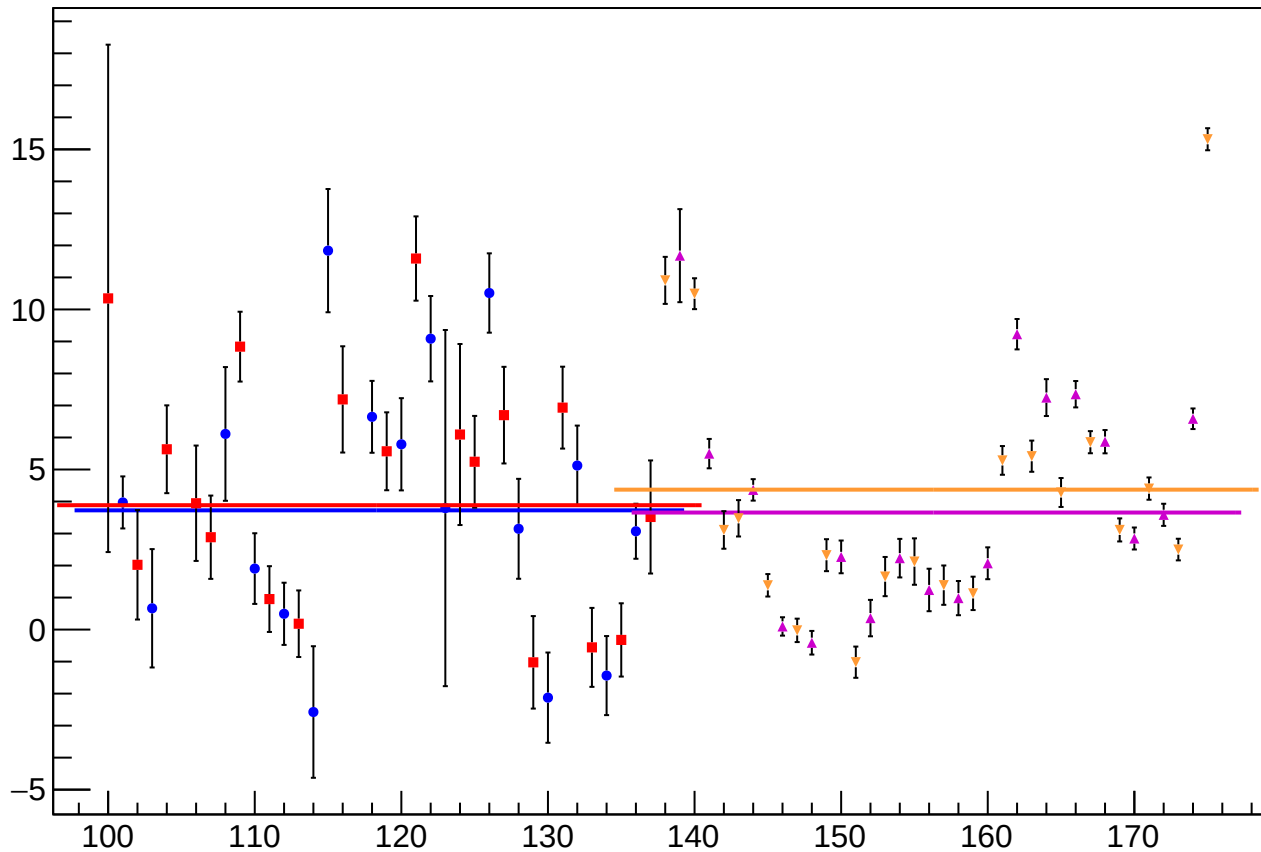
Left In: -8.710 ± 0.134 χ^2/NDF : 2342.9/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.116 ± 0.094 χ^2/NDF : 7243.5/37

- 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: 4.371 ± 0.099 χ^2/NDF : 1773.6/19

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

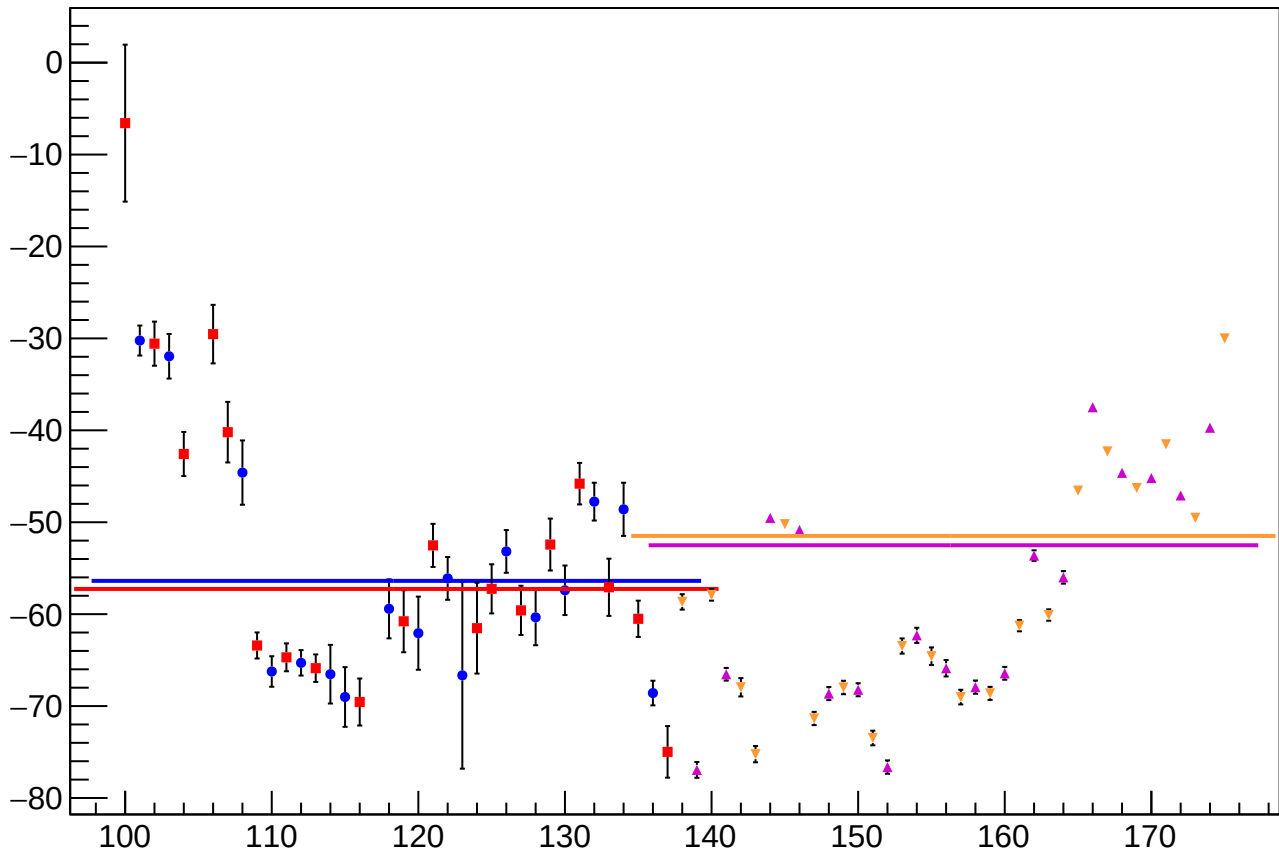
Left In: 3.656 ± 0.100 χ^2/NDF : 803.7/17

+ sign 4.311 ± 0.094 χ^2/NDF : 1914.3/36

All: 3.997 ± 0.067 χ^2/NDF : 2875.3/73

- sign 3.676 ± 0.095 χ^2/NDF : 938.5/36

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -51.488 ± 0.131 χ^2/NDF : 9814.8/19

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

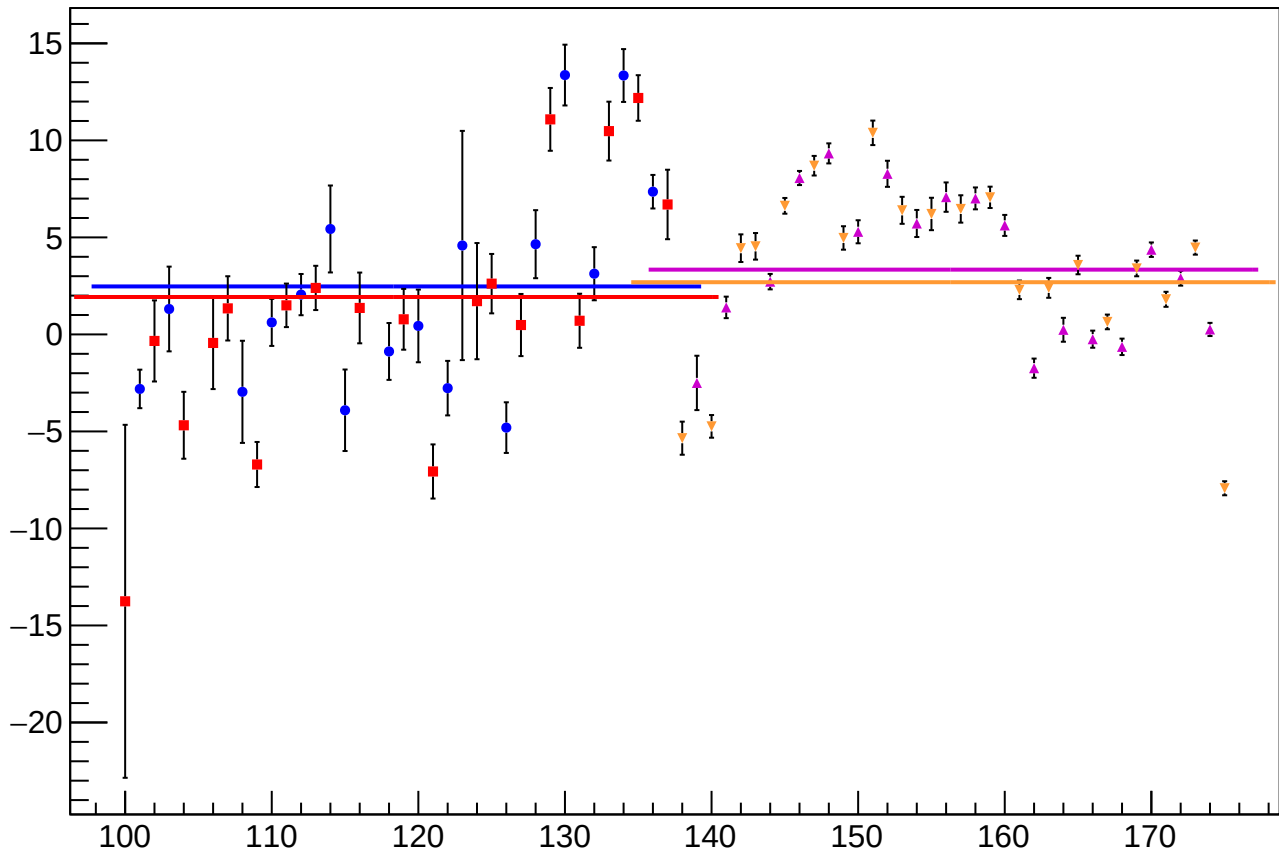
Left In: -52.506 ± 0.134 χ^2/NDF : 7418.9/17

+ sign -51.760 ± 0.128 χ^2/NDF : 10479.1/36

All: -52.263 ± 0.091 χ^2/NDF : 18479.7/73

- sign -52.786 ± 0.130 χ^2/NDF : 7969.0/36

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 2.690 ± 0.112 χ^2/NDF : 1727.6/19

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

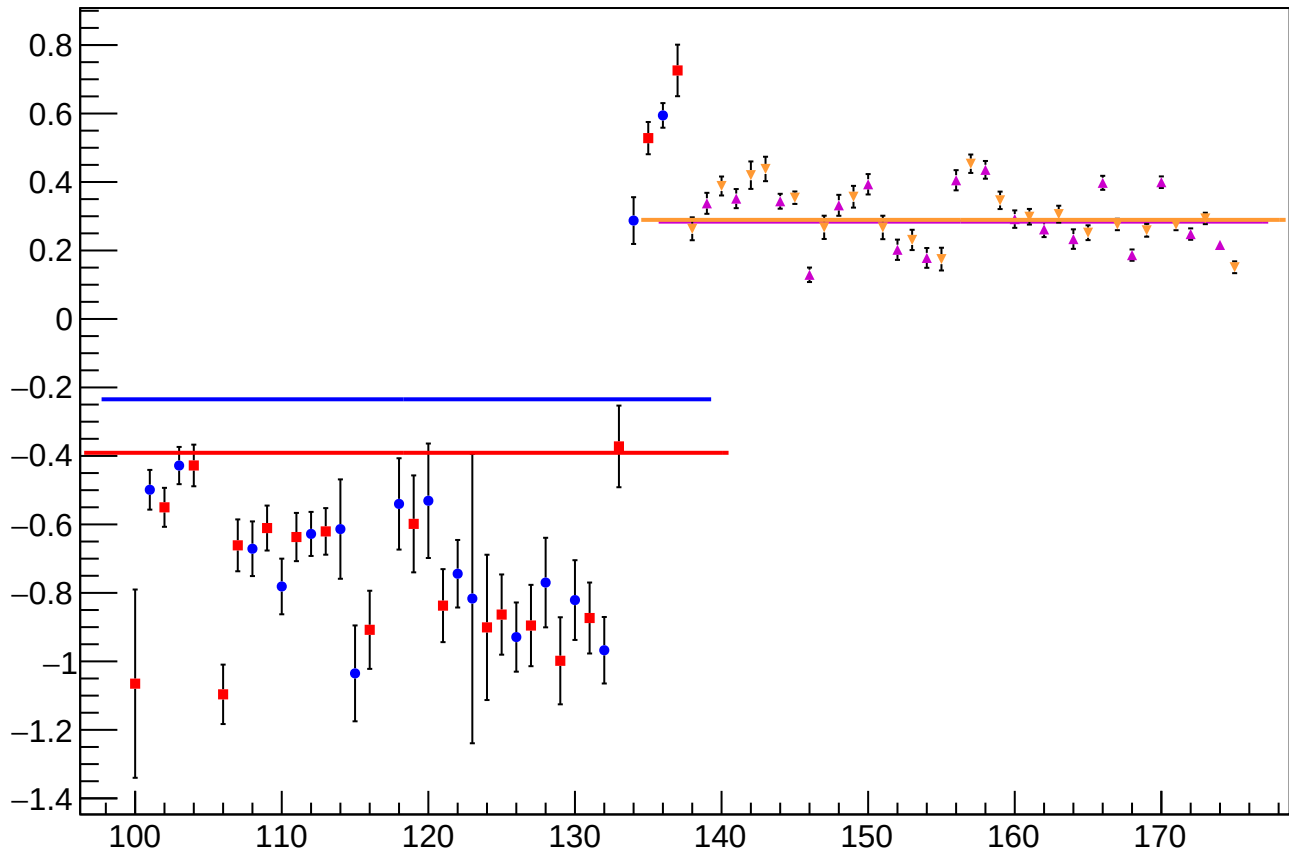
Left In: 3.338 ± 0.114 χ^2/NDF : 871.7/17

+ sign 2.670 ± 0.106 χ^2/NDF : 1971.5/36

All: 2.933 ± 0.076 χ^2/NDF : 3136.7/73

- sign 3.206 ± 0.109 χ^2/NDF : 1152.7/36

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.289 ± 0.005 χ^2/NDF : 189.2/19

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

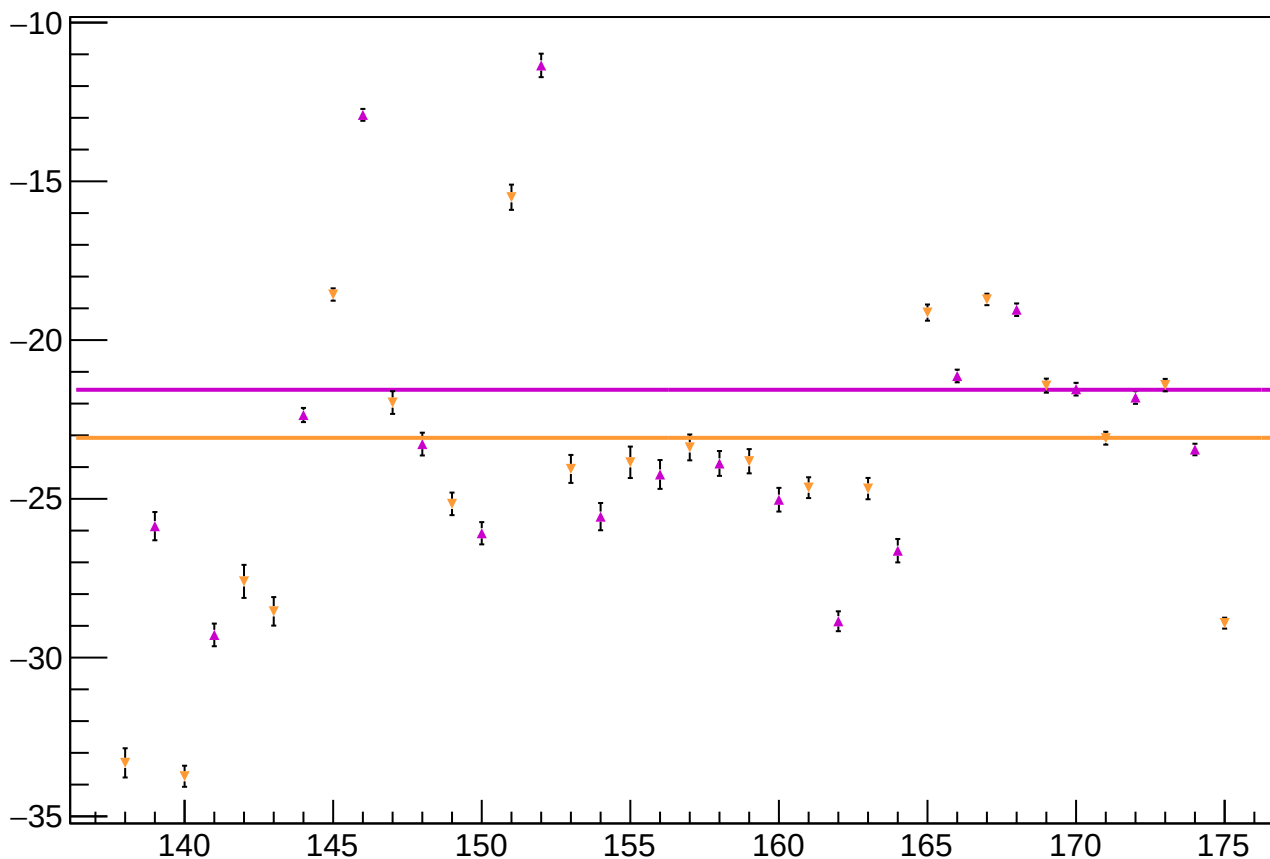
Left In: 0.284 ± 0.005 χ^2/NDF : 301.4/17

+ sign 0.253 ± 0.005 χ^2/NDF : 1864.5/36

All: 0.245 ± 0.004 χ^2/NDF : 4203.1/73

- sign 0.237 ± 0.005 χ^2/NDF : 2333.4/36

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.079+/-0.062 χ^2/NDF : 4854.0/19

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

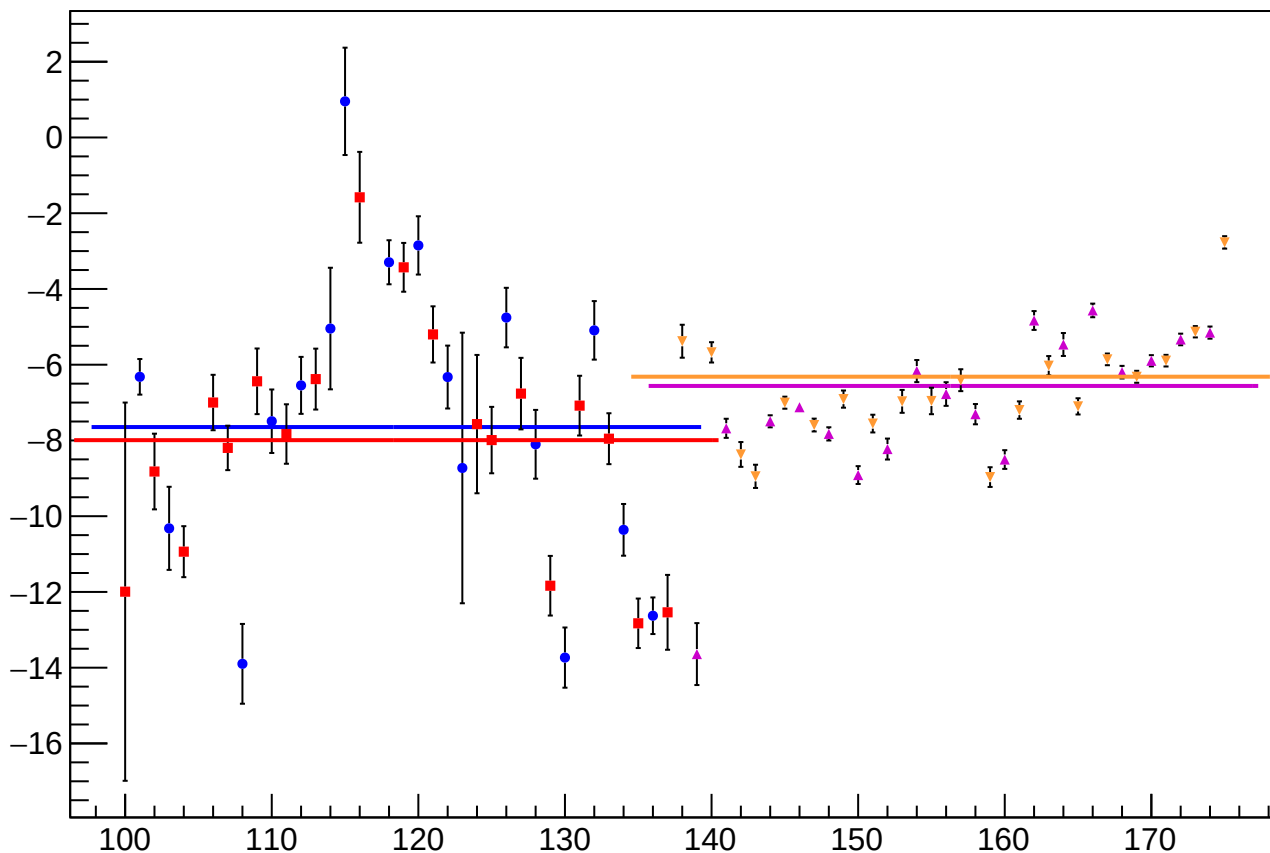
Left In: -21.565+/-0.062 χ^2/NDF : 4909.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.329+/-0.044 χ^2/NDF : 10060.2/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -6.316 ± 0.047 χ^2/NDF : 918.8/19

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

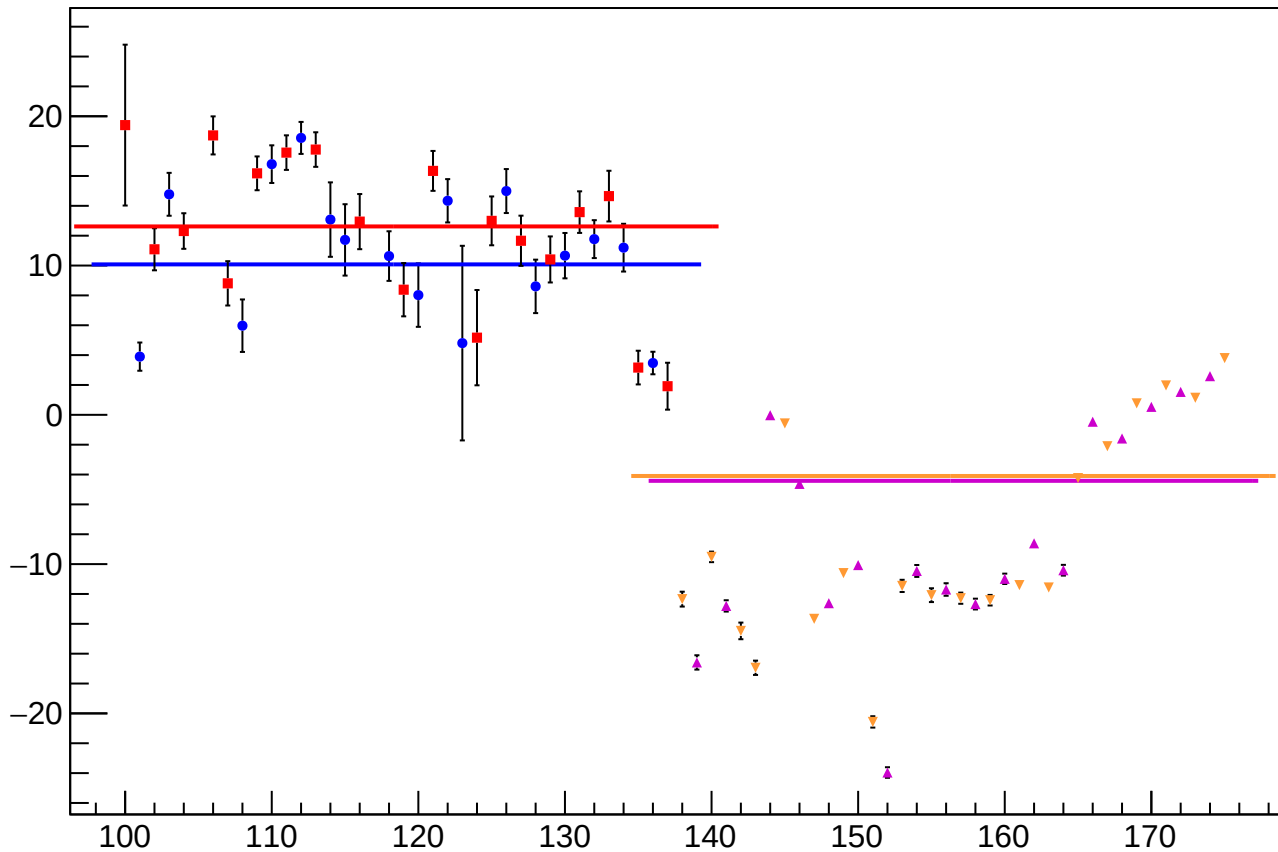
Left In: -6.561 ± 0.046 χ^2/NDF : 762.7/17

+ sign -6.396 ± 0.045 χ^2/NDF : 1360.6/36

All: -6.521 ± 0.032 χ^2/NDF : 2419.8/73

- sign -6.644 ± 0.045 χ^2/NDF : 1044.0/36

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -4.096 ± 0.062 $\chi^2/\text{NDF}: 11915.1/19$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

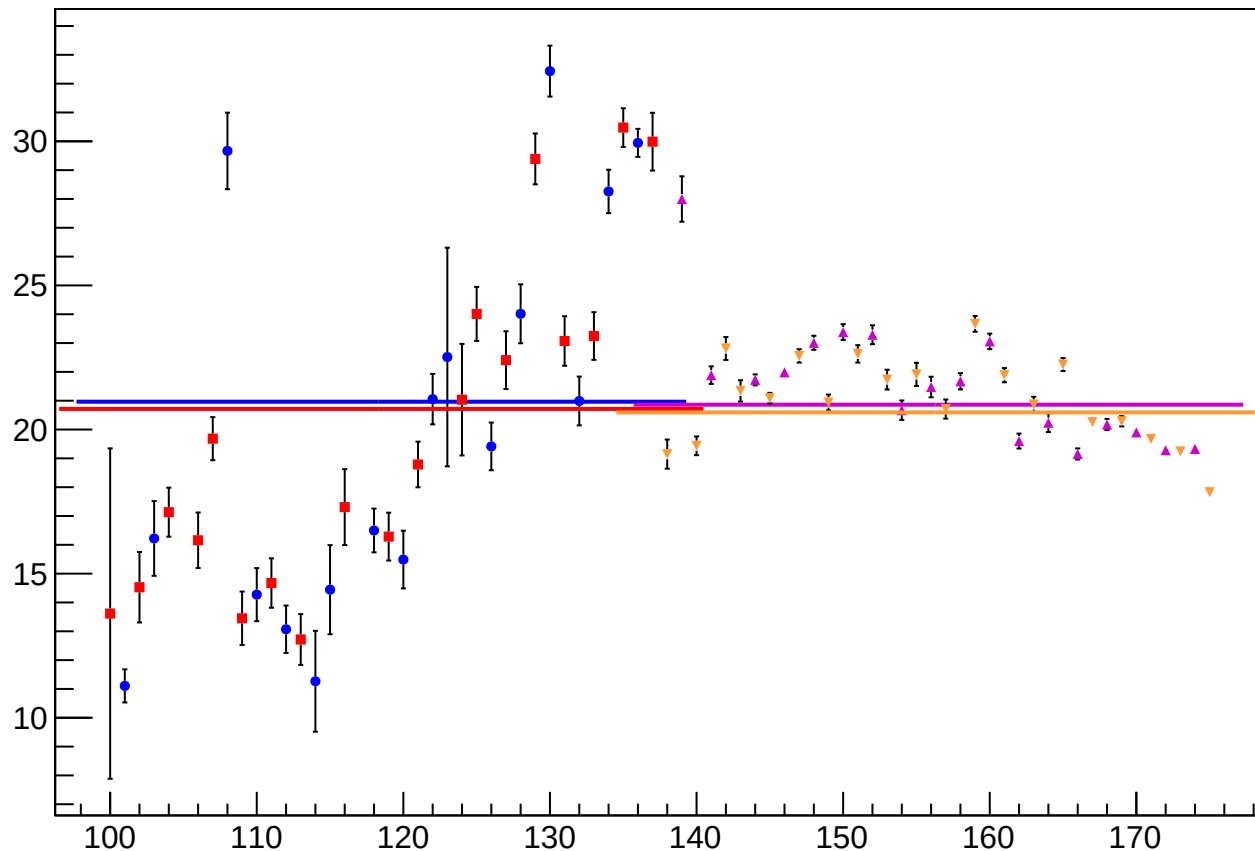
Left In: -4.421 ± 0.063 $\chi^2/\text{NDF}: 10574.9/17$

+ sign -3.632 ± 0.061 $\chi^2/\text{NDF}: 13881.1/36$

All: -3.735 ± 0.043 $\chi^2/\text{NDF}: 27219.6/73$

- sign -3.839 ± 0.061 $\chi^2/\text{NDF}: 13332.8/36$

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: 20.594 $\pm$ 0.053 χ^2 /NDF: 772.2/19

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

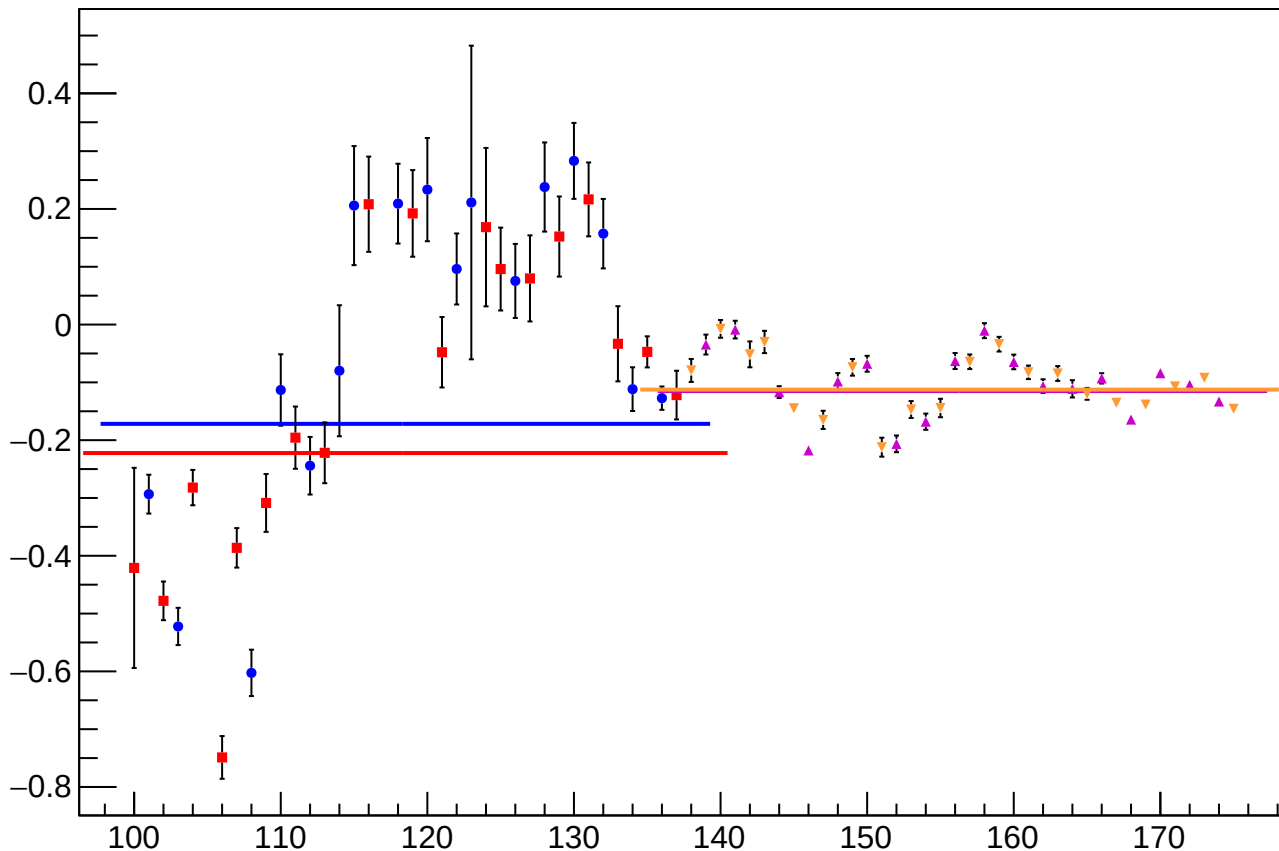
Left In: 20.862 $\pm$ 0.053 χ^2 /NDF: 791.2/17

+ sign 20.616 $\pm$ 0.051 χ^2 /NDF: 2000.7/36

All: 20.734 $\pm$ 0.036 χ^2 /NDF: 3532.8/73

- sign 20.853 $\pm$ 0.051 χ^2 /NDF: 1521.5/36

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.113 ± 0.002 χ^2/NDF : 263.8/19

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

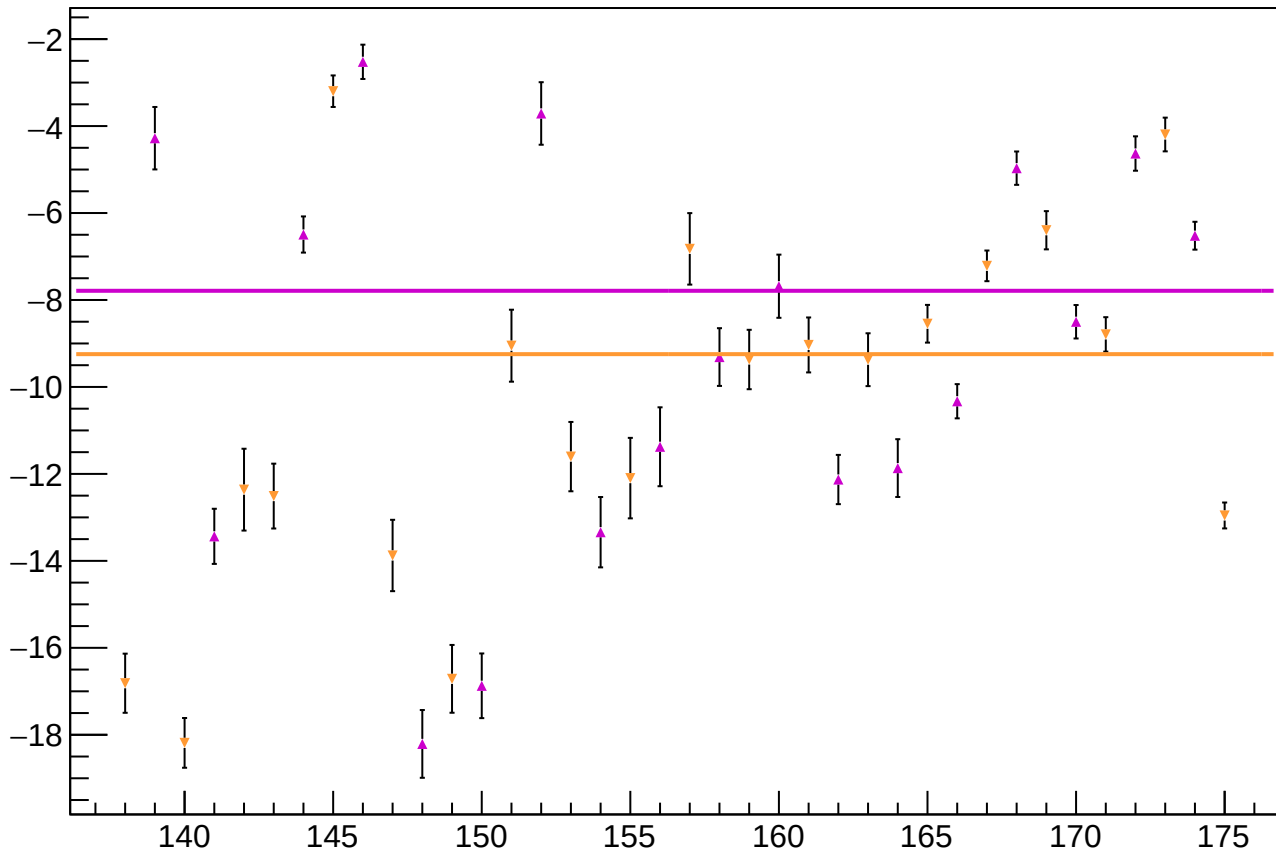
Left In: -0.115 ± 0.002 χ^2/NDF : 455.9/17

+ sign -0.115 ± 0.002 χ^2/NDF : 754.8/36

All: -0.118 ± 0.002 χ^2/NDF : 1840.4/73

- sign -0.120 ± 0.002 χ^2/NDF : 1083.5/36

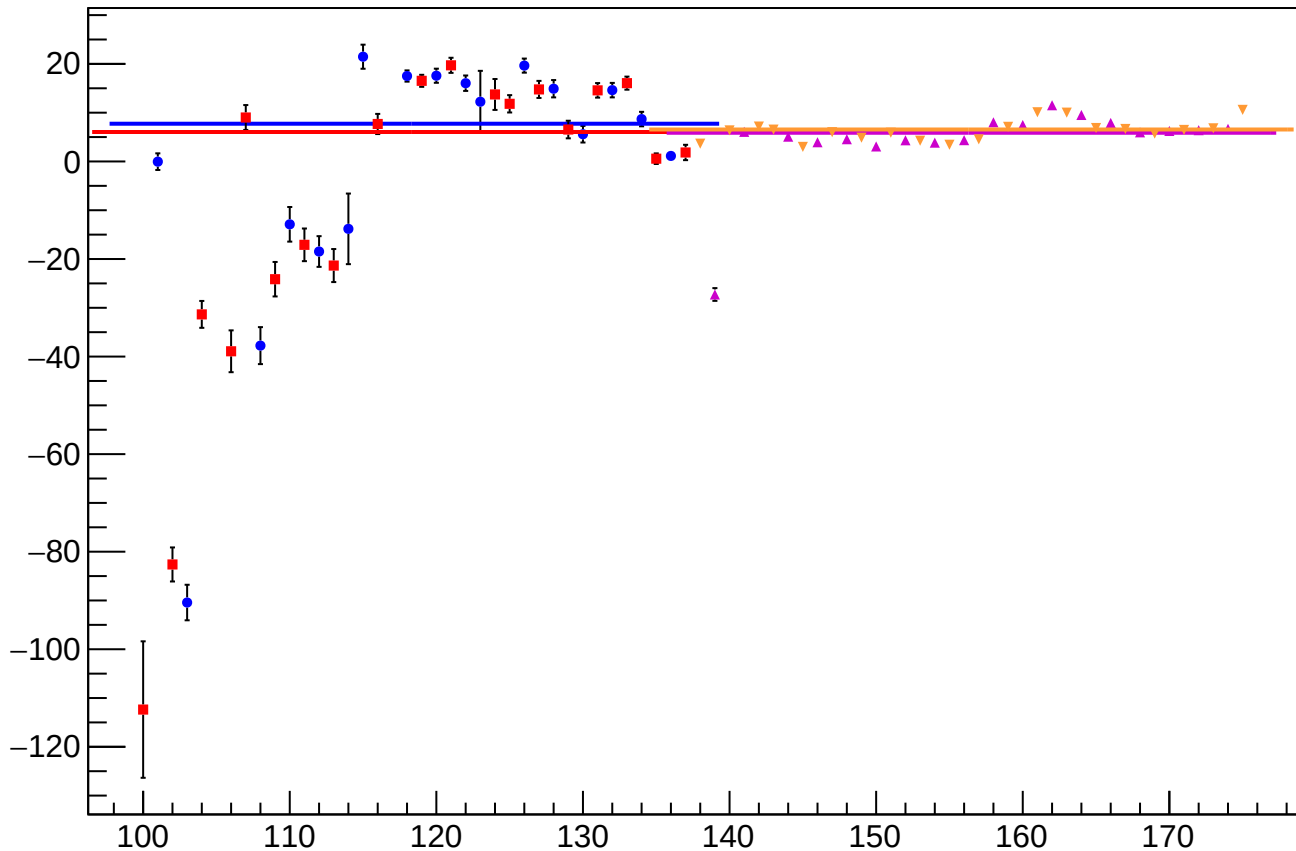
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.246+/-0.116 χ^2/NDF : 1230.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.789+/-0.119 χ^2/NDF : 994.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -8.539+/-0.083 χ^2/NDF : 2302.1/37
 - 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 $\pm$ 0.403 χ^2 /NDF: 1358.4/16

Left Out: 6.553 $\pm$ 0.089 χ^2 /NDF: 572.0/19

Right Out: 6.040 $\pm$ 0.434 χ^2 /NDF: 1512.1/18

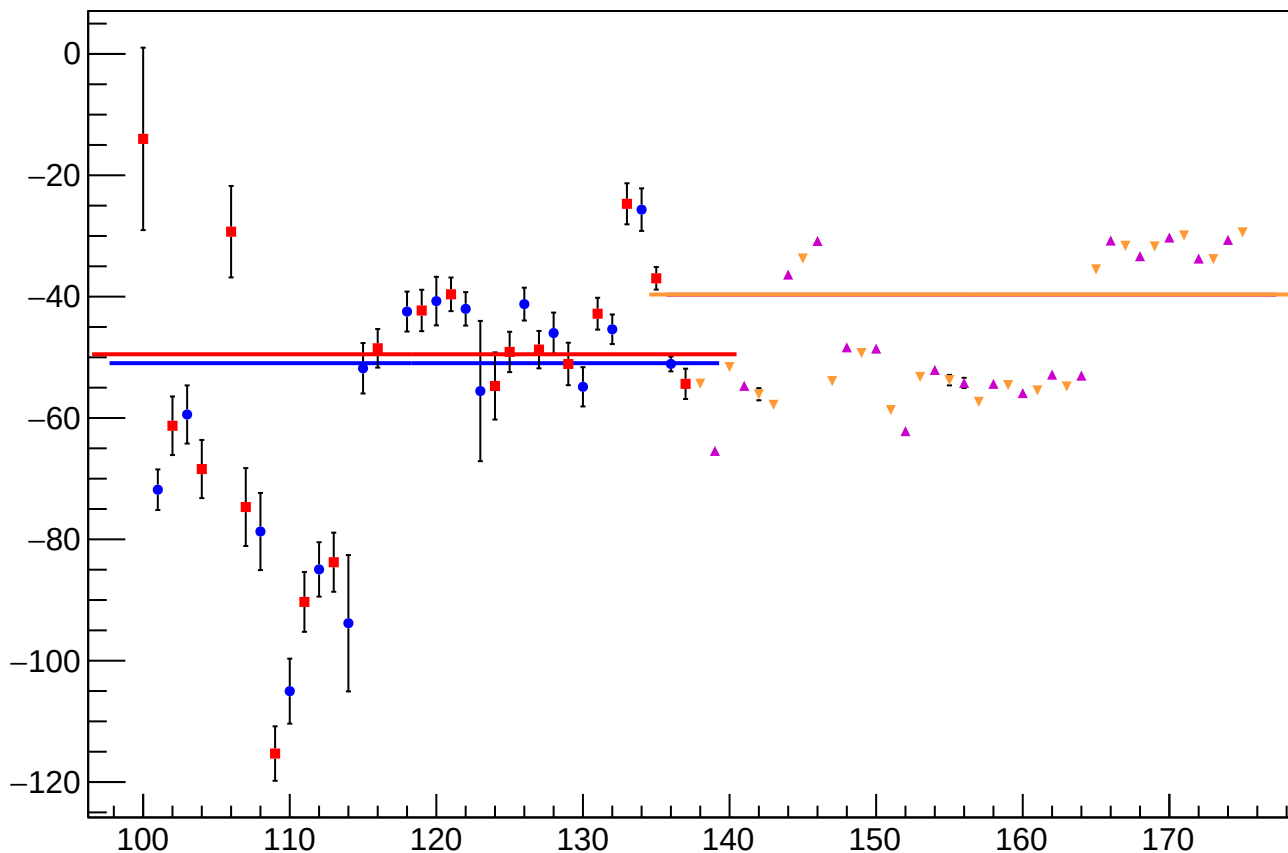
Left In: 5.883 $\pm$ 0.090 χ^2 /NDF: 1061.1/17

+ sign 6.608 $\pm$ 0.087 χ^2 /NDF: 1938.7/36

All: 6.255 $\pm$ 0.062 χ^2 /NDF: 4545.9/73

- sign 5.889 $\pm$ 0.088 χ^2 /NDF: 2573.4/36

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -39.646 ± 0.116 χ^2/NDF : 8853.8/19

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

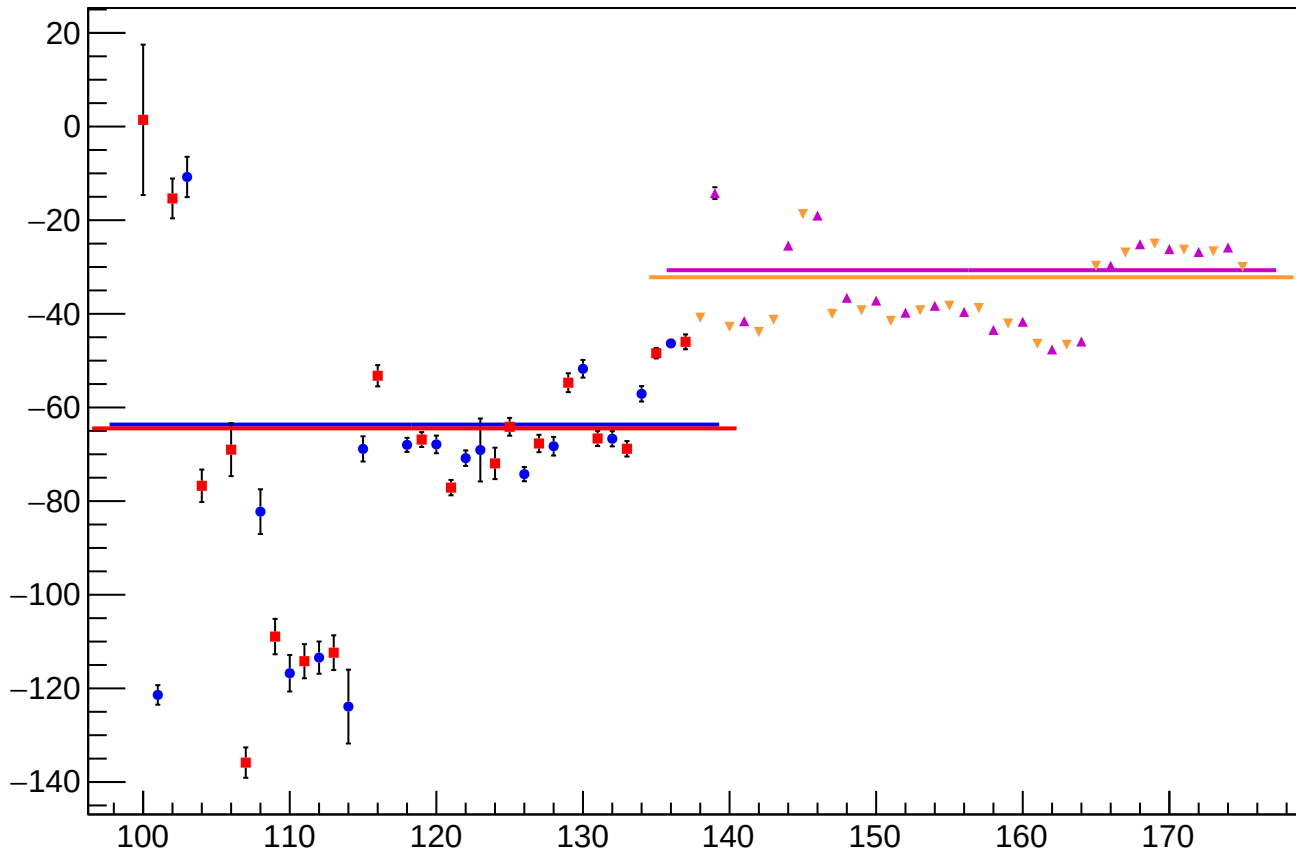
Left In: -39.683 ± 0.120 χ^2/NDF : 8555.0/17

+ sign -39.921 ± 0.115 χ^2/NDF : 9416.3/36

All: -39.910 ± 0.082 χ^2/NDF : 18629.9/73

- sign -39.900 ± 0.118 χ^2/NDF : 9213.6/36

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -32.186 ± 0.100 χ^2/NDF : 7039.6/19

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

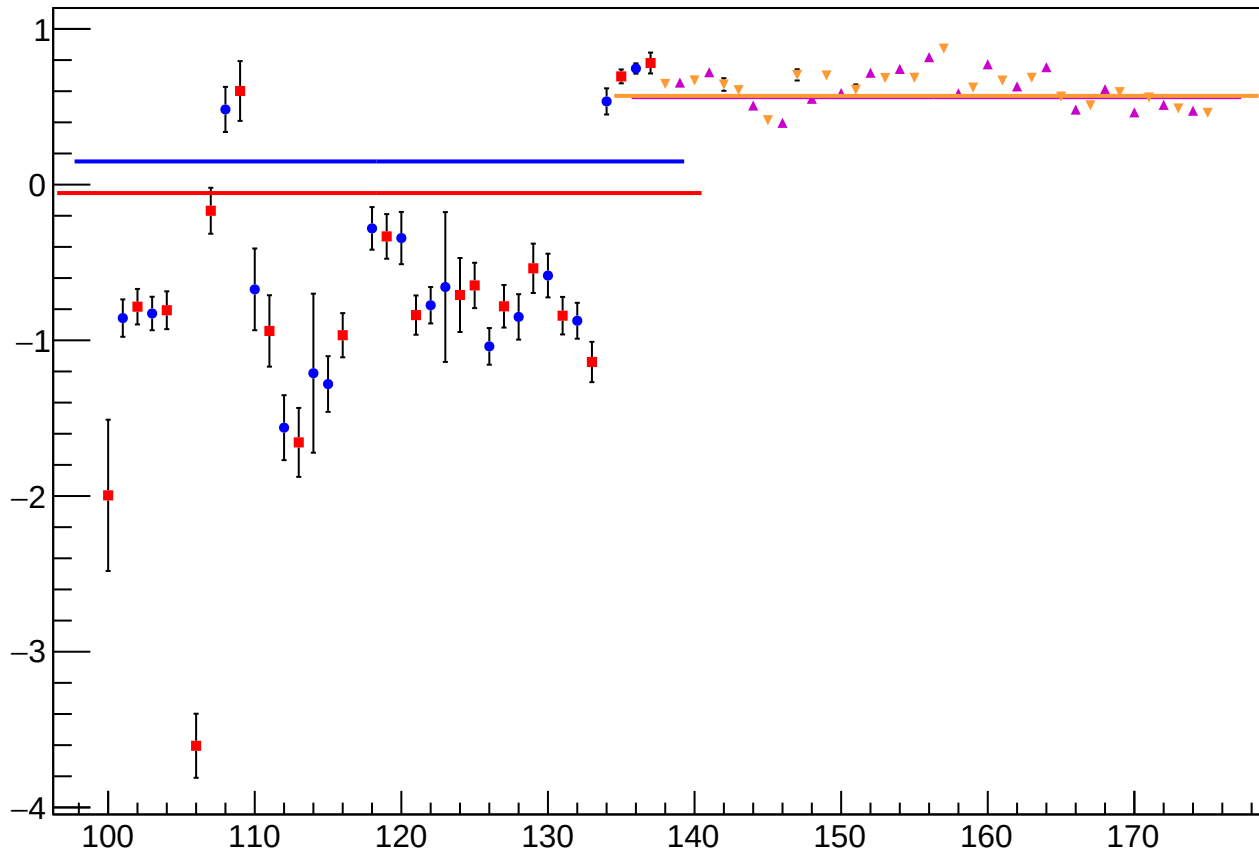
Left In: -30.682 ± 0.102 χ^2/NDF : 6880.7/17

+ sign -33.686 ± 0.097 χ^2/NDF : 13809.3/36

All: -32.931 ± 0.070 χ^2/NDF : 27114.2/73

- sign -32.132 ± 0.100 χ^2/NDF : 13180.8/36

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.570 ± 0.005 χ^2/NDF : 496.2/19

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

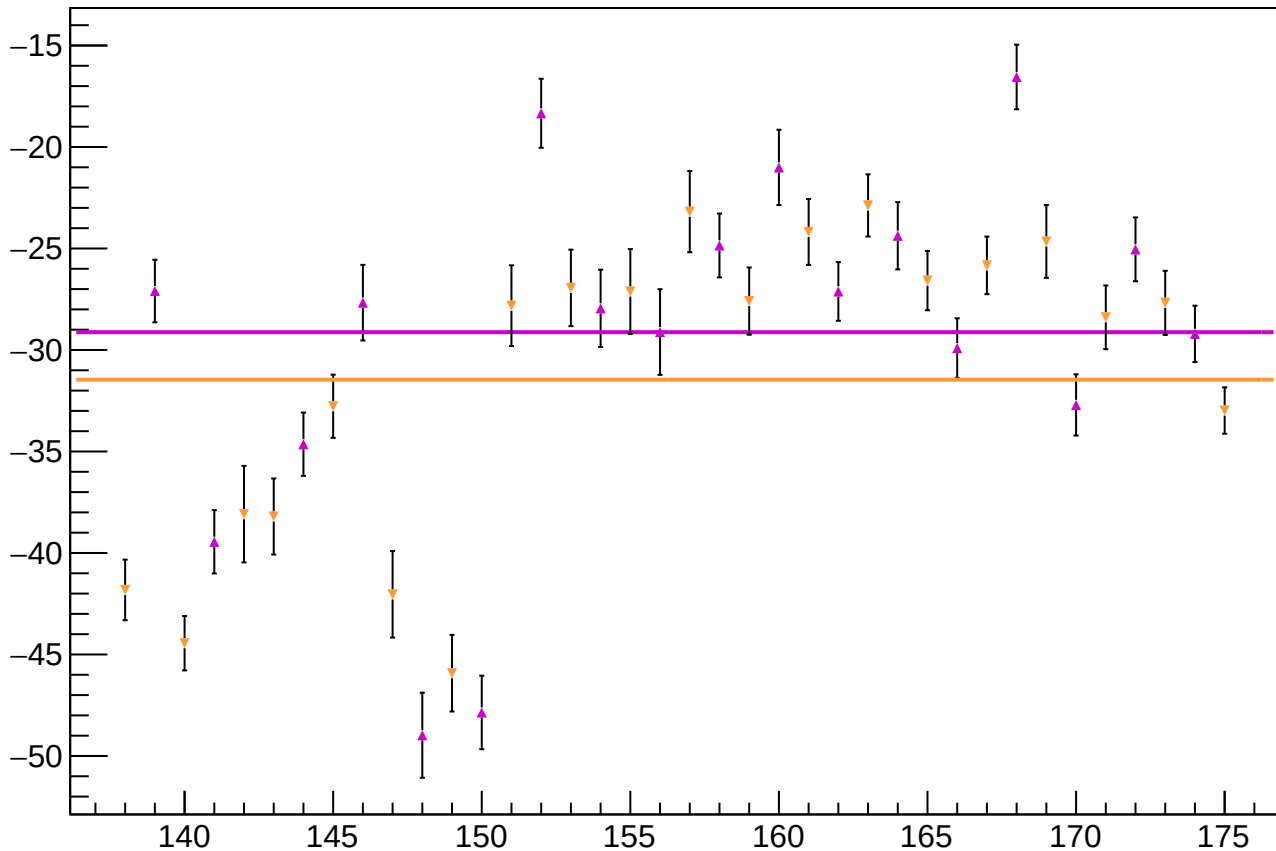
Left In: 0.562 ± 0.005 χ^2/NDF : 579.5/17

+ sign 0.555 ± 0.005 χ^2/NDF : 1783.8/36

All: 0.549 ± 0.003 χ^2/NDF : 4070.4/73

- sign 0.543 ± 0.005 χ^2/NDF : 2283.0/36

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: -31.461 $\pm$ 0.367 χ^2/NDF : 386.8/19

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

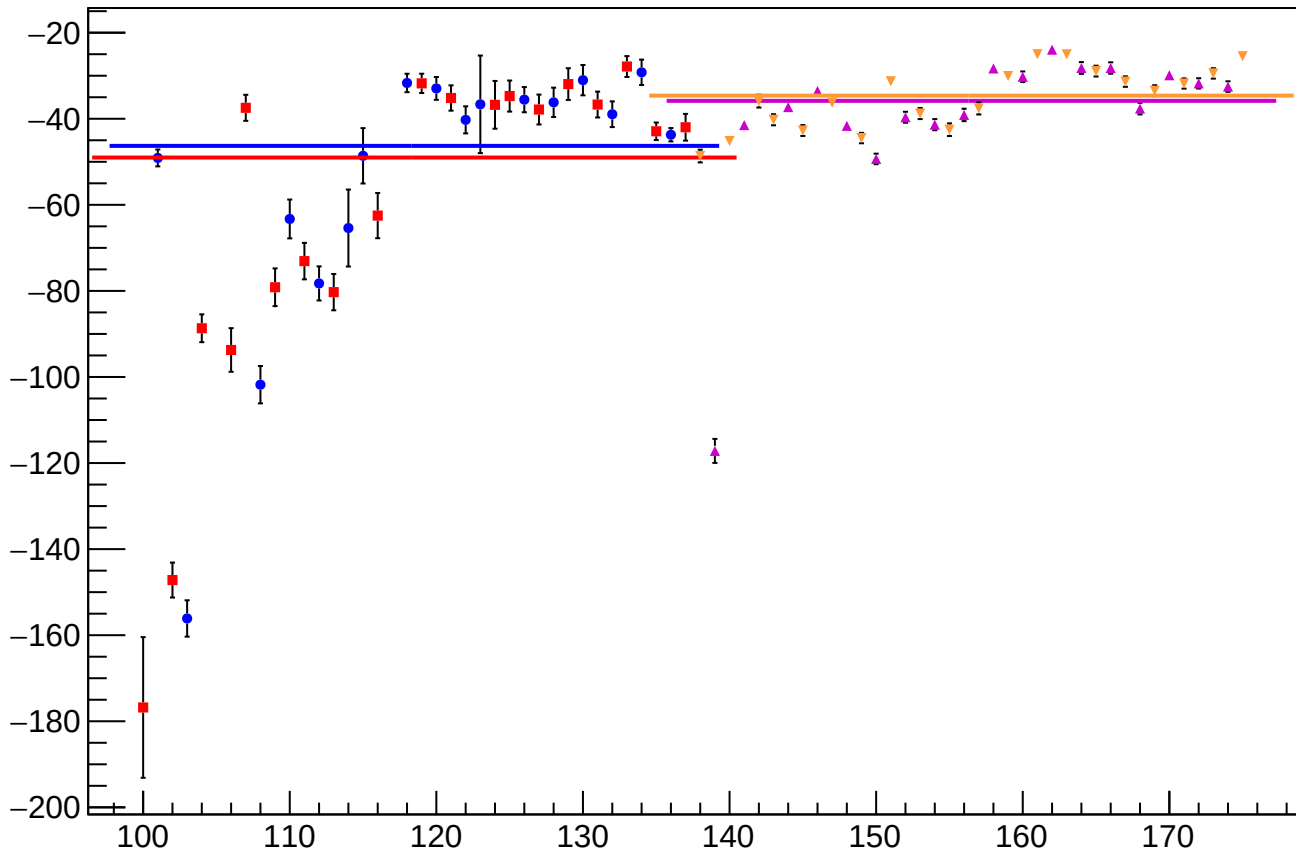
Left In: -29.122 $\pm$ 0.387 χ^2/NDF : 407.7/17

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

All: -30.353 $\pm$ 0.266 χ^2/NDF : 813.8/37

- 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: -34.624 ± 0.274 χ^2/NDF : 640.1/19

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

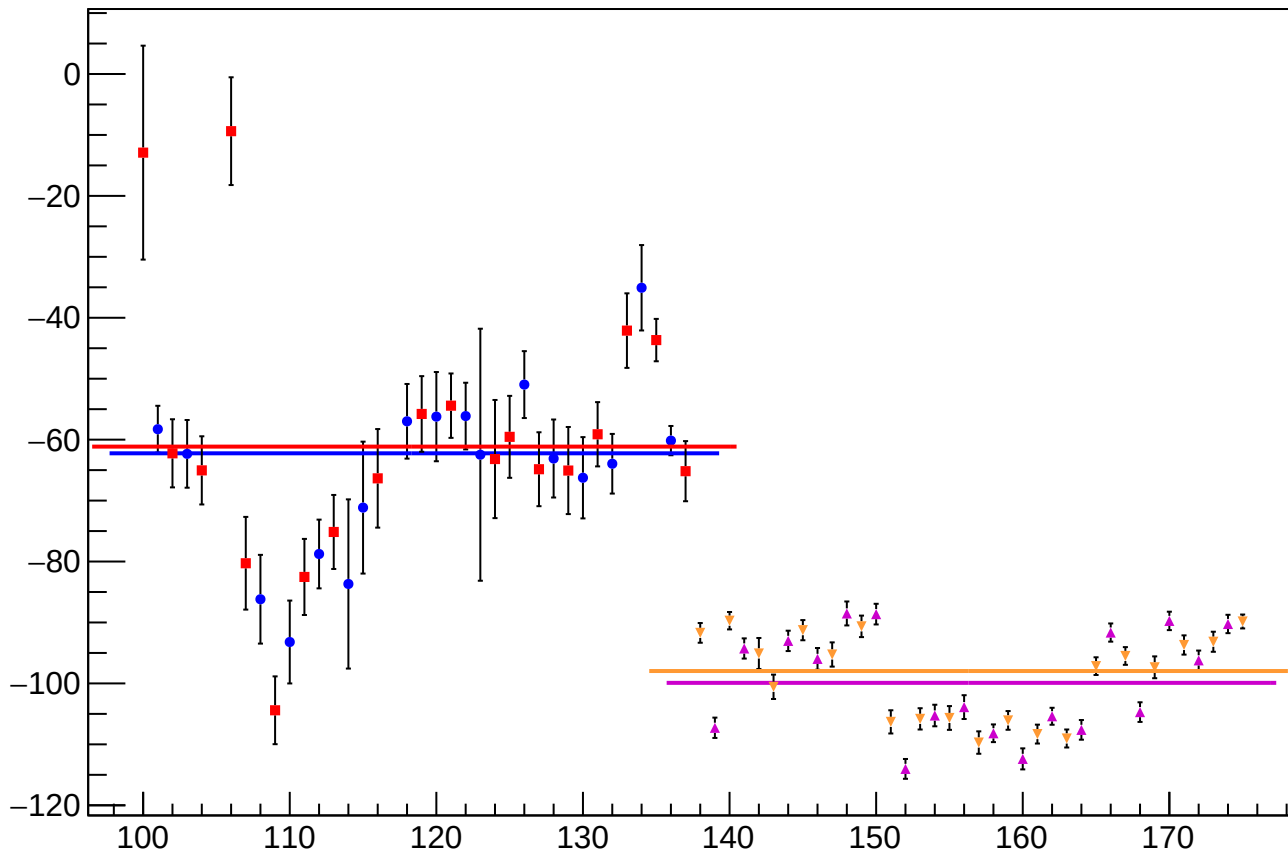
Left In: -35.838 ± 0.290 χ^2/NDF : 1353.4/17

+ sign -36.092 ± 0.256 χ^2/NDF : 1952.3/36

All: -36.756 ± 0.186 χ^2/NDF : 4851.4/73

- sign -37.499 ± 0.271 χ^2/NDF : 2884.9/36

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -97.967 ± 0.366 χ^2/NDF : 381.1/19

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

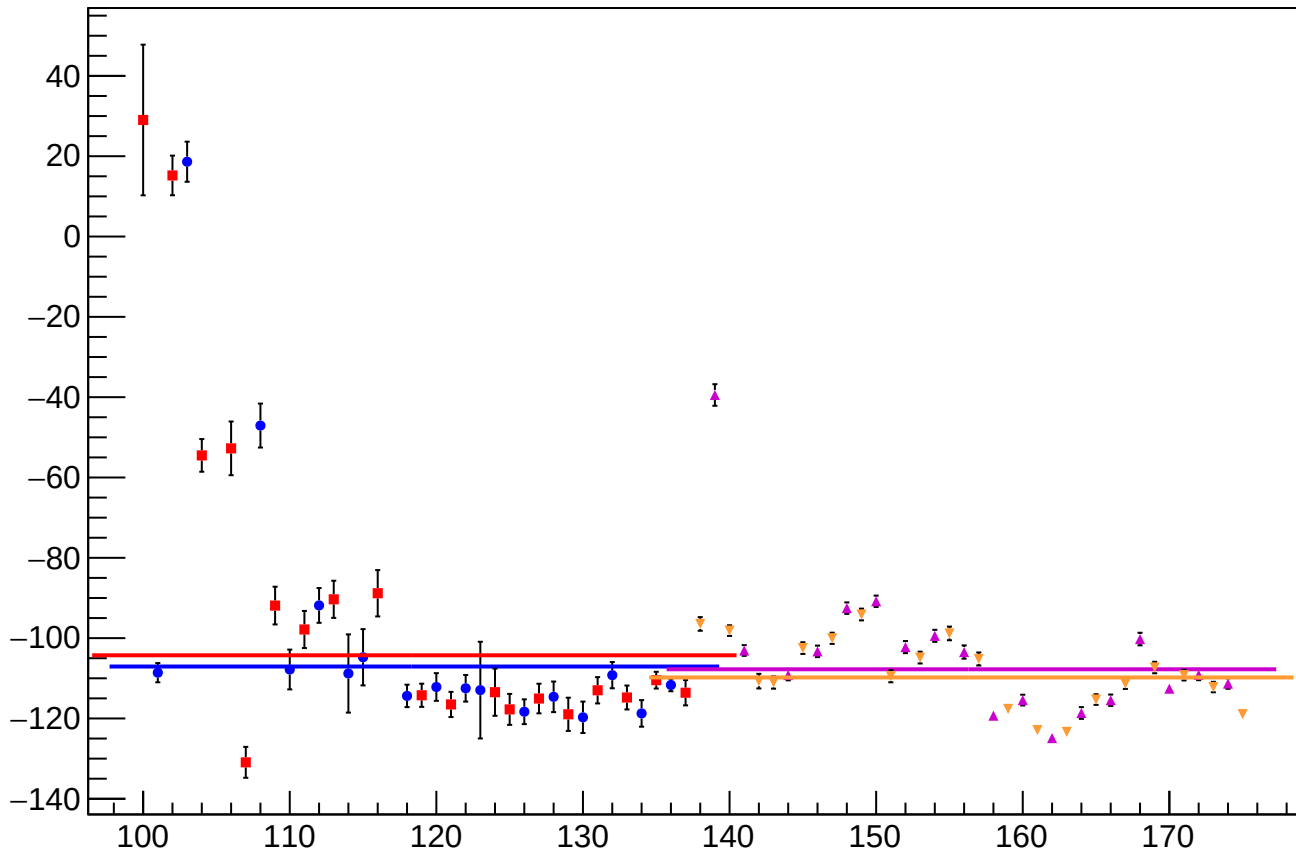
Left In: -99.909 ± 0.384 χ^2/NDF : 473.8/17

+ sign -95.384 ± 0.352 χ^2/NDF : 1138.2/36

All: -96.208 ± 0.255 χ^2/NDF : 2522.1/73

- sign -97.118 ± 0.370 χ^2/NDF : 1372.3/36

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -109.787 ± 0.312 χ^2/NDF : 759.6/19

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

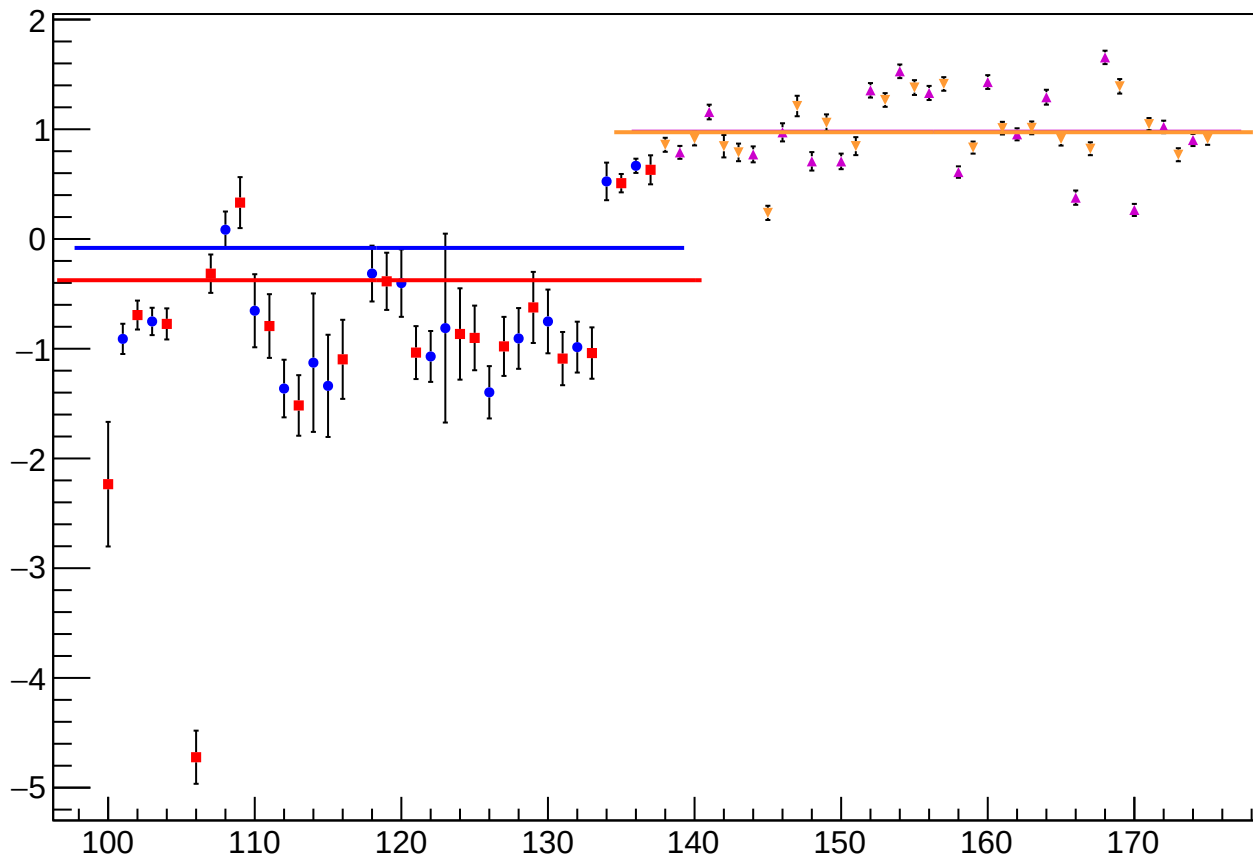
Left In: -107.753 ± 0.329 χ^2/NDF : 1445.1/17

+ sign -109.437 ± 0.291 χ^2/NDF : 1597.7/36

All: -108.431 ± 0.211 χ^2/NDF : 4101.0/73

- sign -107.309 ± 0.308 χ^2/NDF : 2478.0/36

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.973 ± 0.014 χ^2/NDF : 327.6/19

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

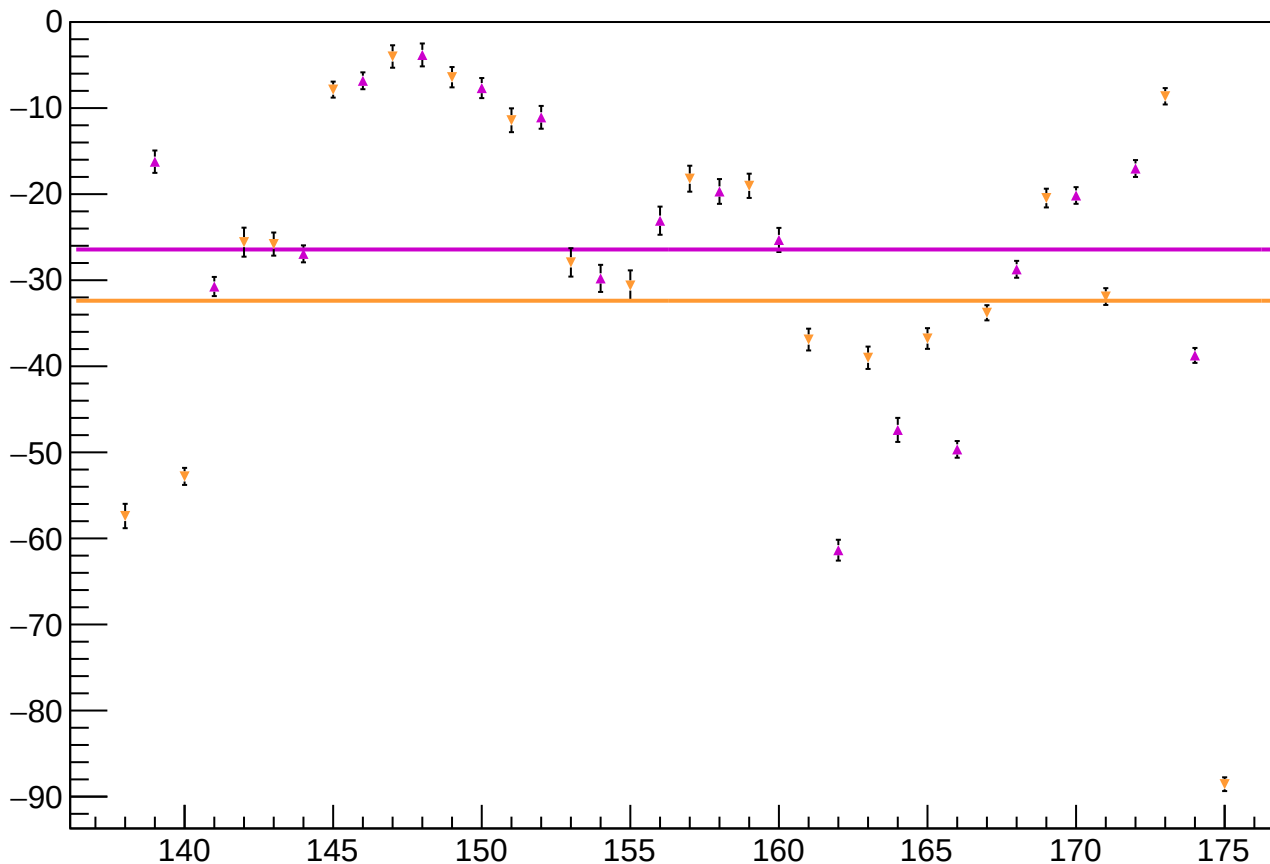
Left In: 0.978 ± 0.015 χ^2/NDF : 691.5/17

+ sign 0.862 ± 0.014 χ^2/NDF : 1216.2/36

All: 0.851 ± 0.010 χ^2/NDF : 3346.1/73

- sign 0.839 ± 0.014 χ^2/NDF : 2128.4/36

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.383+/-0.260 χ^2/NDF : 8574.8/19

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

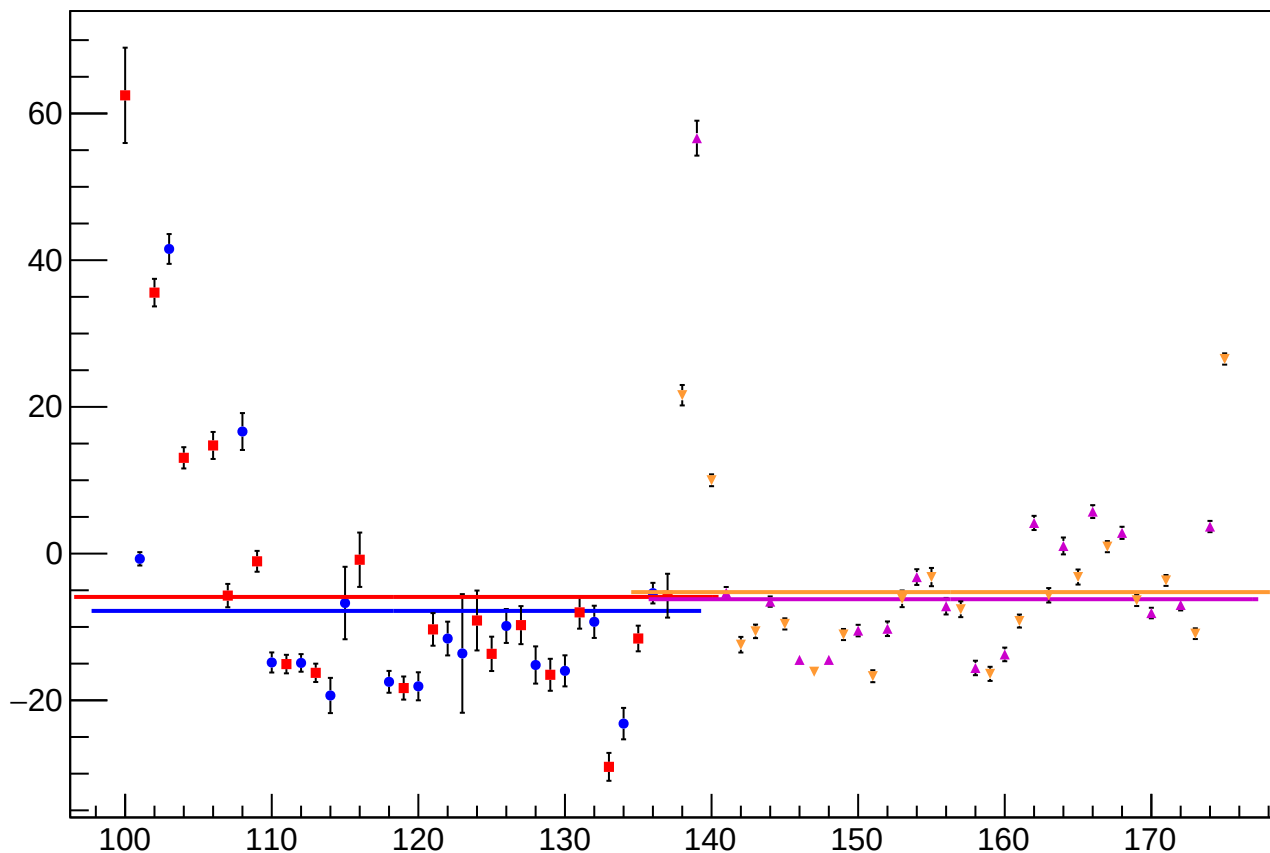
Left In: -26.429+/-0.269 χ^2/NDF : 3160.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.507+/-0.187 χ^2/NDF : 11988.8/37

- 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: -5.250 ± 0.192 χ^2/NDF : 3407.2/19

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

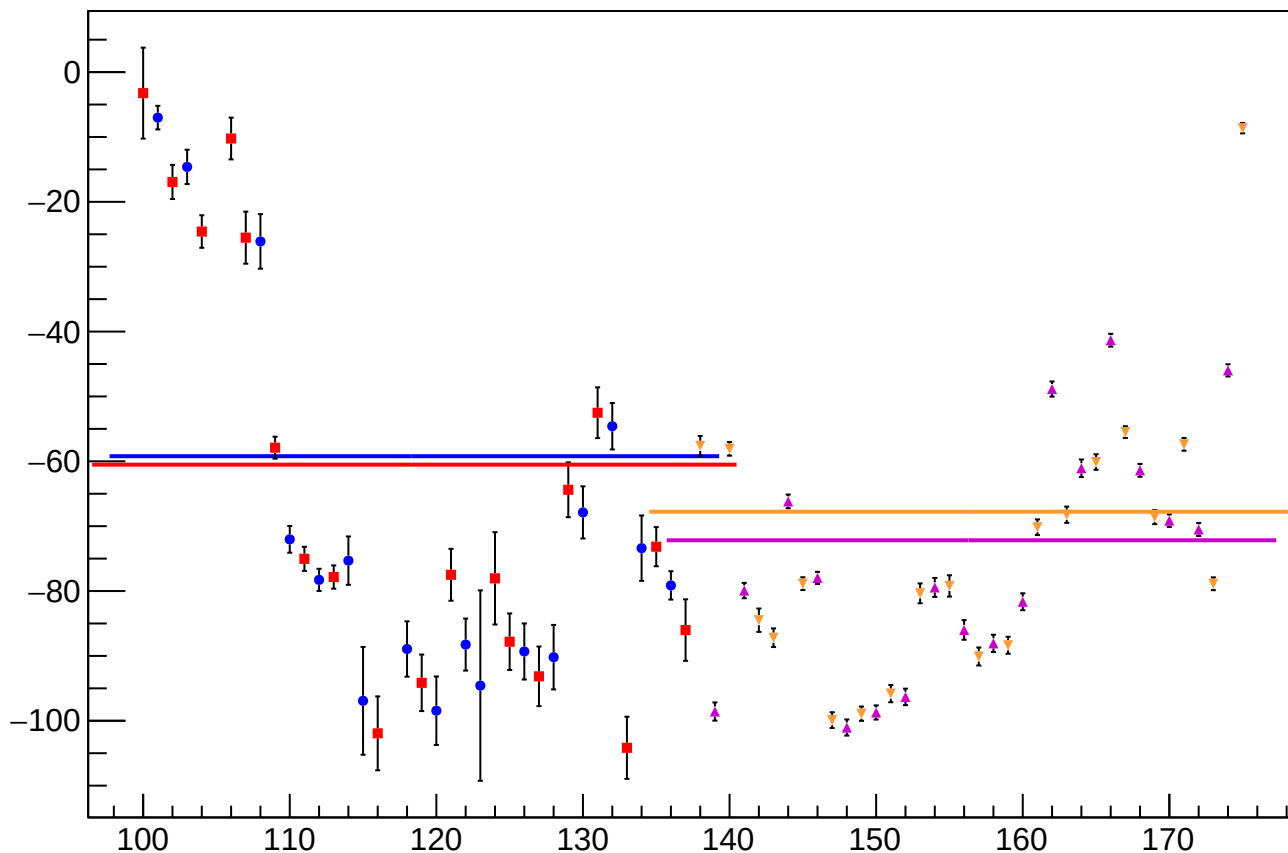
Left In: -6.219 ± 0.199 χ^2/NDF : 1884.9/17

+ sign -5.682 ± 0.175 χ^2/NDF : 4419.8/36

All: -5.916 ± 0.126 χ^2/NDF : 7601.9/73

- sign -6.164 ± 0.181 χ^2/NDF : 3178.4/36

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 $\chi^2/\text{NDF}: 1720.4/16$

Left Out: -67.769 ± 0.260 $\chi^2/\text{NDF}: 9010.7/19$

Right Out: -60.513 ± 0.704 $\chi^2/\text{NDF}: 1383.9/18$

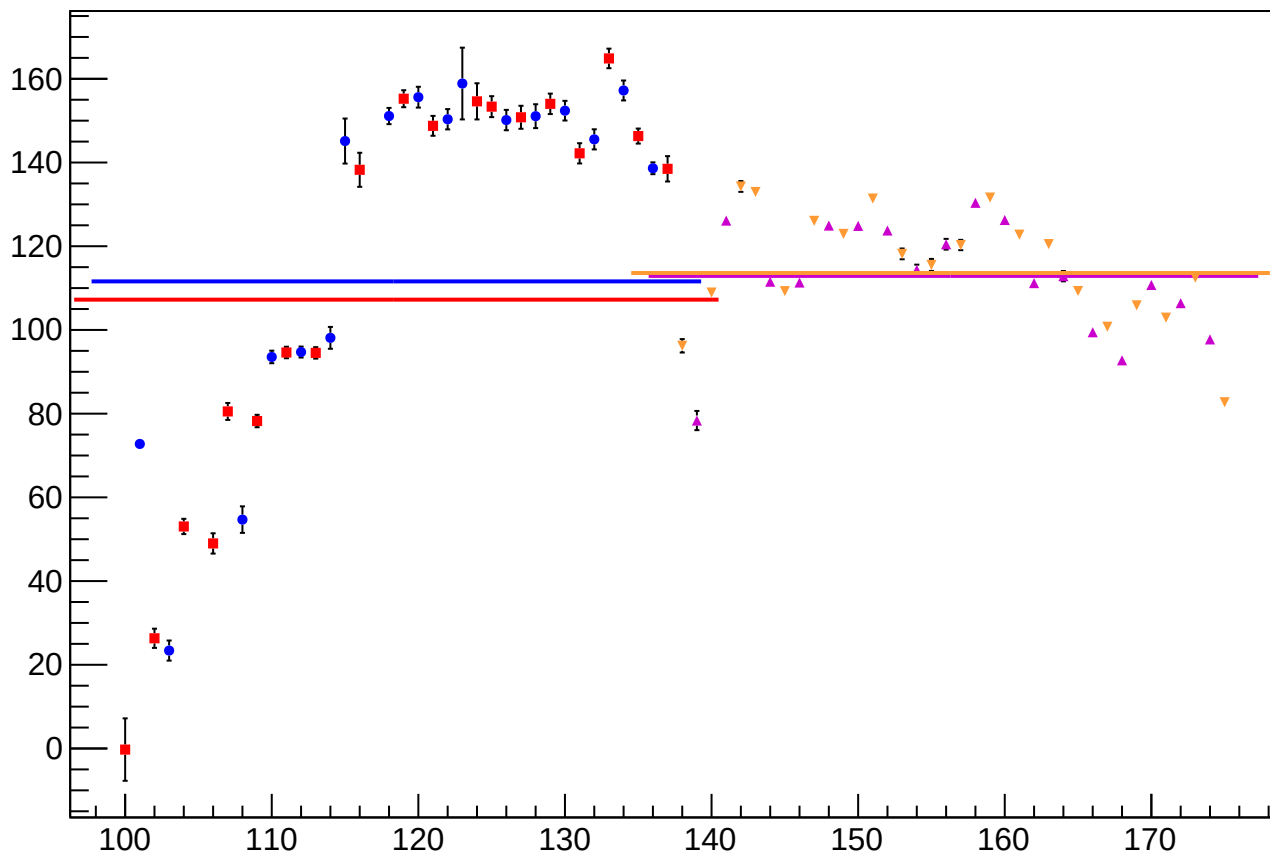
Left In: -72.175 ± 0.268 $\chi^2/\text{NDF}: 4602.5/17$

+ sign -66.839 ± 0.245 $\chi^2/\text{NDF}: 10849.1/36$

All: -68.726 ± 0.175 $\chi^2/\text{NDF}: 17196.1/73$

- sign -70.697 ± 0.251 $\chi^2/\text{NDF}: 6225.9/36$

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: 113.607 $\pm$ 0.220 χ^2 /NDF: 3793.0/19

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

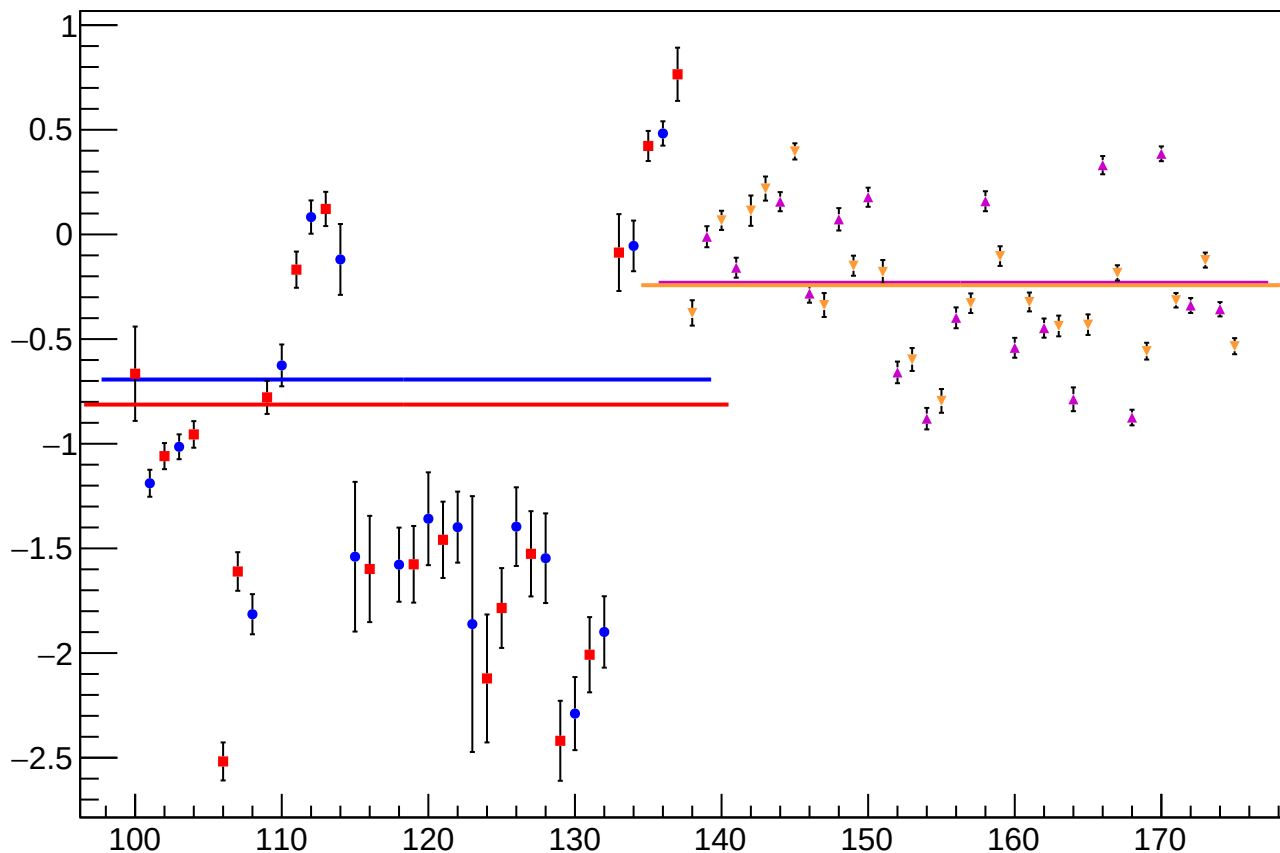
Left In: 112.909 $\pm$ 0.228 χ^2 /NDF: 2415.9/17

+ sign 113.265 $\pm$ 0.201 χ^2 /NDF: 9766.6/36

All: 112.598 $\pm$ 0.144 χ^2 /NDF: 19353.6/73

- sign 111.890 $\pm$ 0.207 χ^2 /NDF: 9564.2/36

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.242 ± 0.010 χ^2/NDF : 740.5/19

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

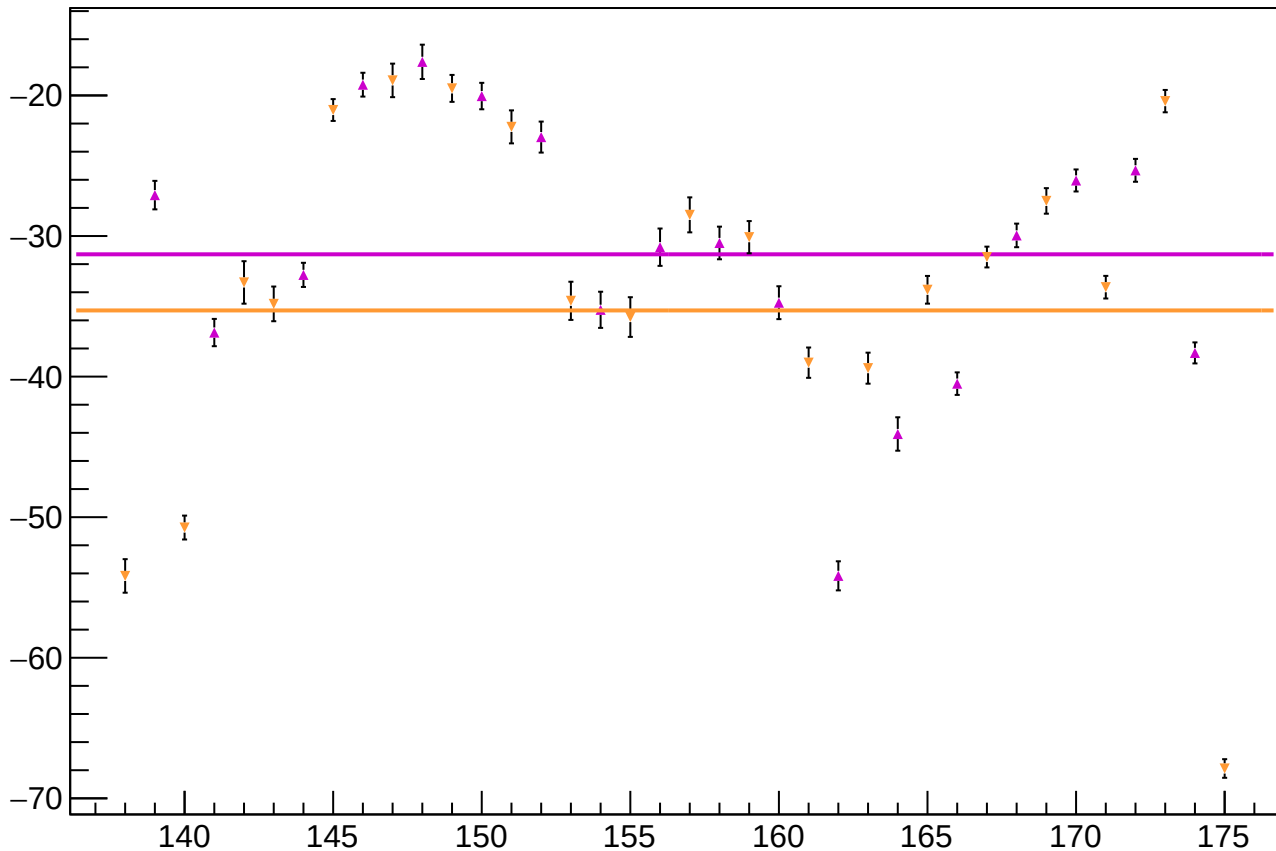
Left In: -0.231 ± 0.010 χ^2/NDF : 1463.8/17

+ sign -0.304 ± 0.010 χ^2/NDF : 1997.5/36

All: -0.313 ± 0.007 χ^2/NDF : 5256.2/73

- sign -0.322 ± 0.010 χ^2/NDF : 3257.1/36

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.293+/-0.218 χ^2/NDF : 4456.8/19

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

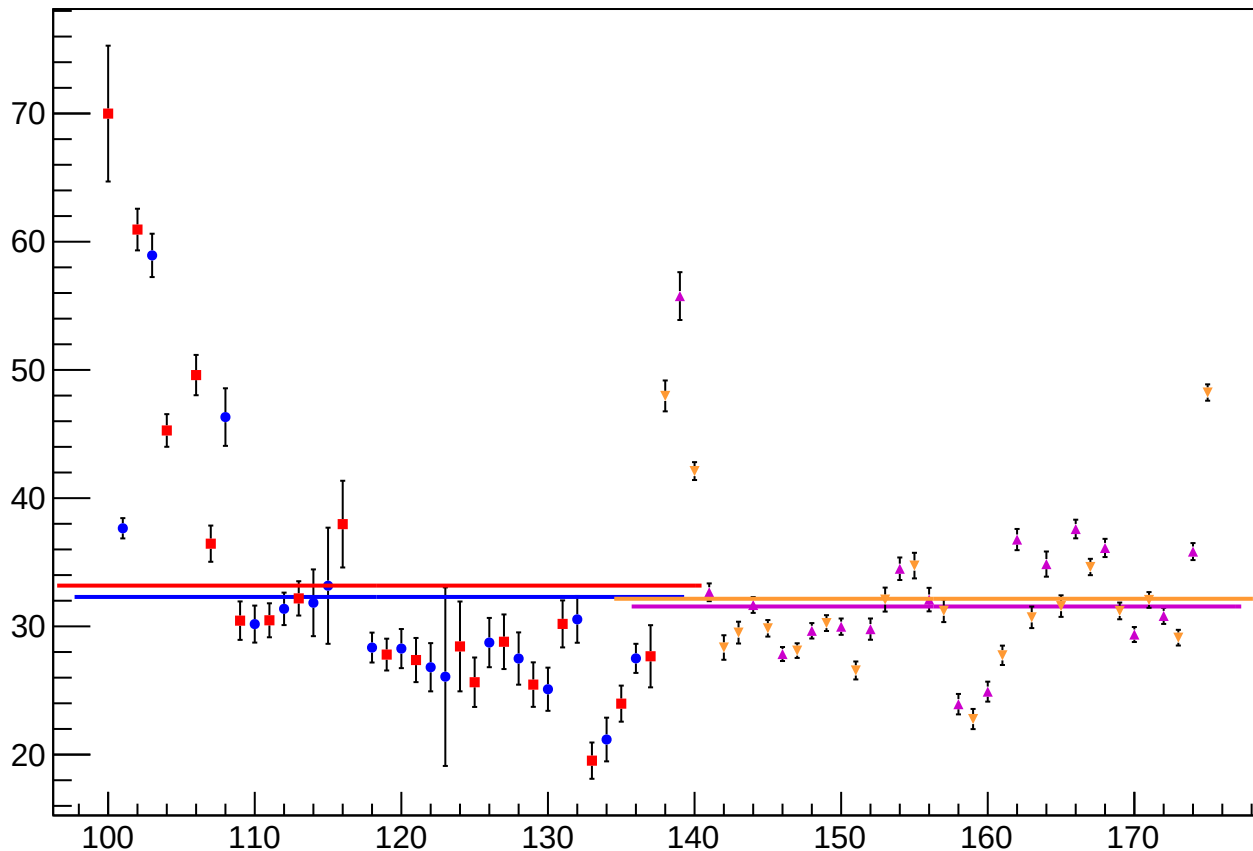
Left In: -31.301+/-0.226 χ^2/NDF : 1526.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.364+/-0.157 χ^2/NDF : 6144.3/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 ± 0.373 χ^2/NDF : 452.2/16

Left Out: 32.153 ± 0.163 χ^2/NDF : 1404.2/19

Right Out: 33.180 ± 0.379 χ^2/NDF : 770.3/18

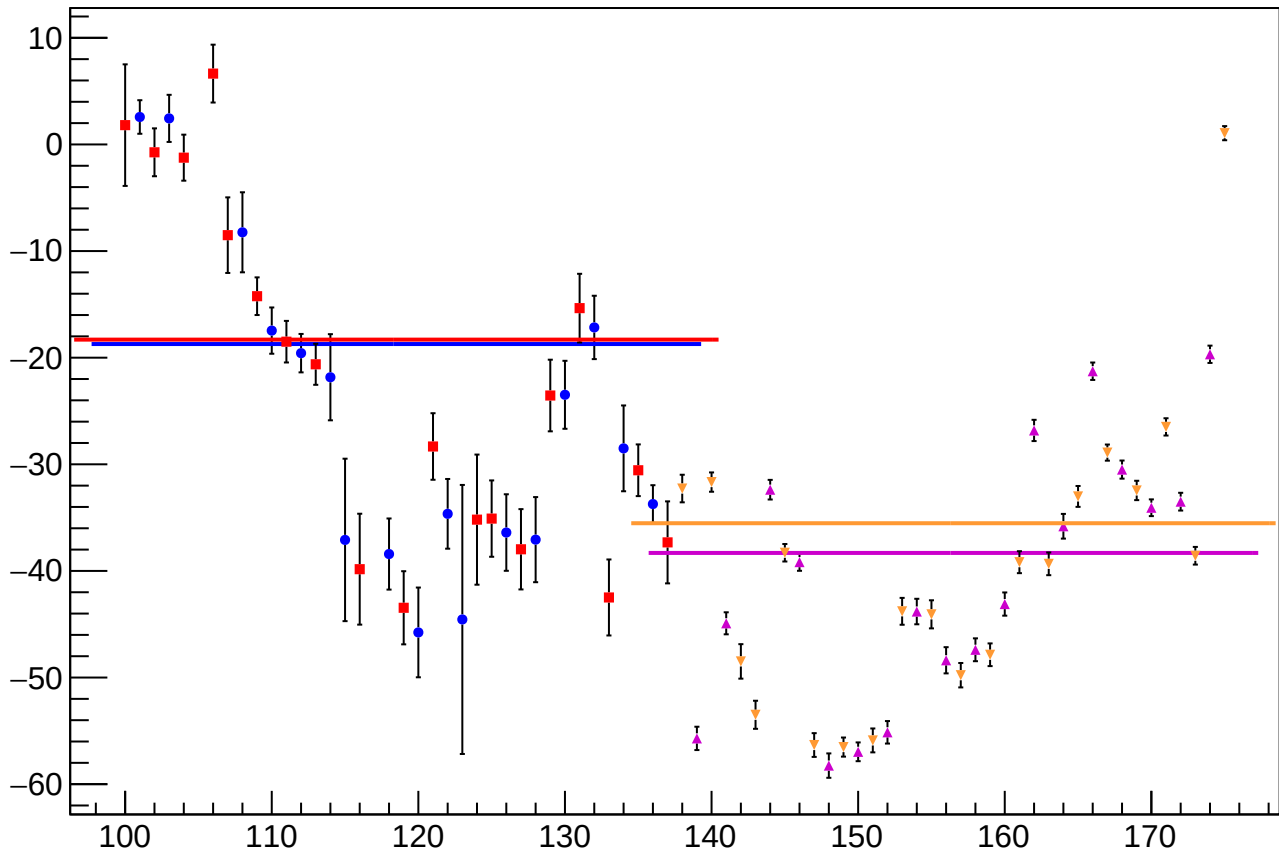
Left In: 31.551 ± 0.169 χ^2/NDF : 632.0/17

+ sign 32.176 ± 0.149 χ^2/NDF : 1856.6/36

All: 32.005 ± 0.107 χ^2/NDF : 3276.9/73

- sign 31.822 ± 0.155 χ^2/NDF : 1417.6/36

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -35.526 ± 0.218 χ^2/NDF : 5198.5/19

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

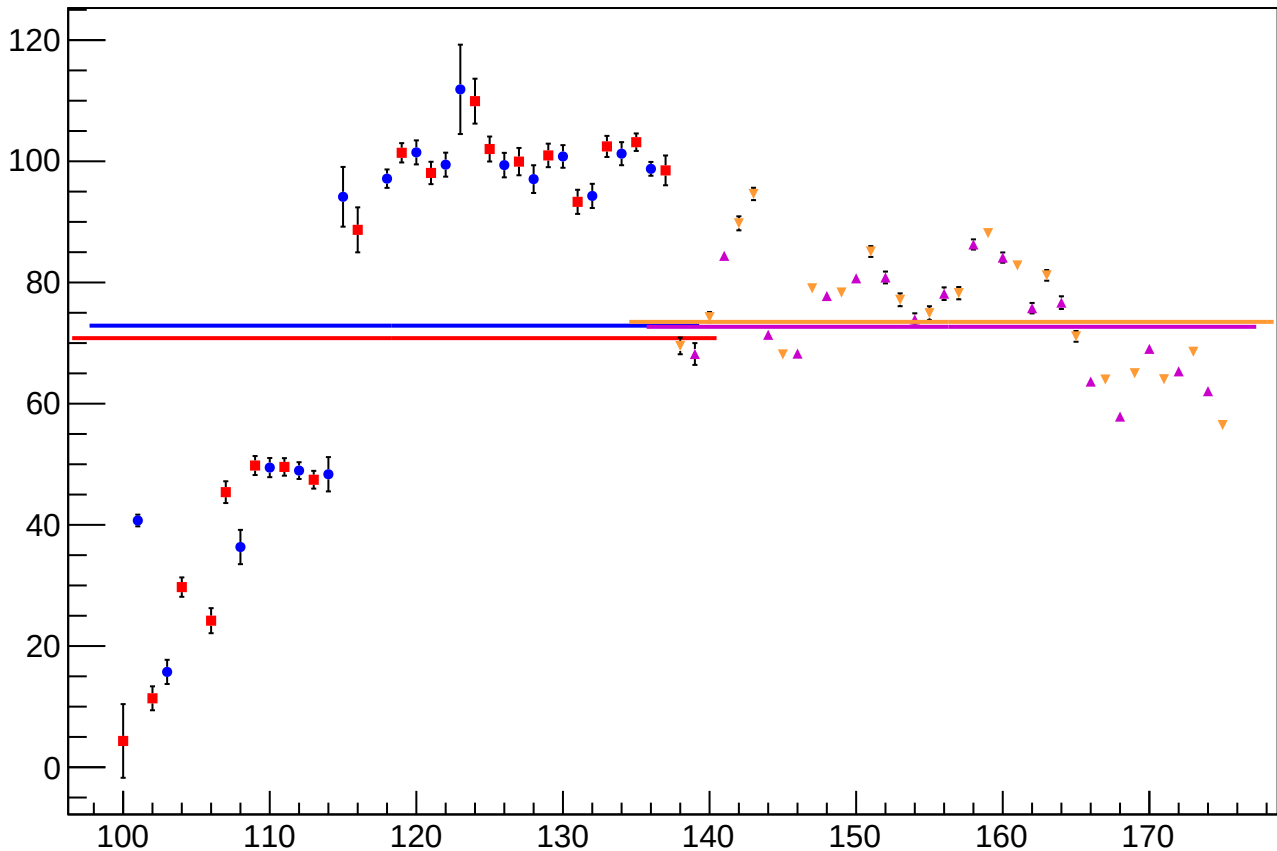
Left In: -38.313 ± 0.225 χ^2/NDF : 2770.8/17

+ sign -33.898 ± 0.207 χ^2/NDF : 6294.2/36

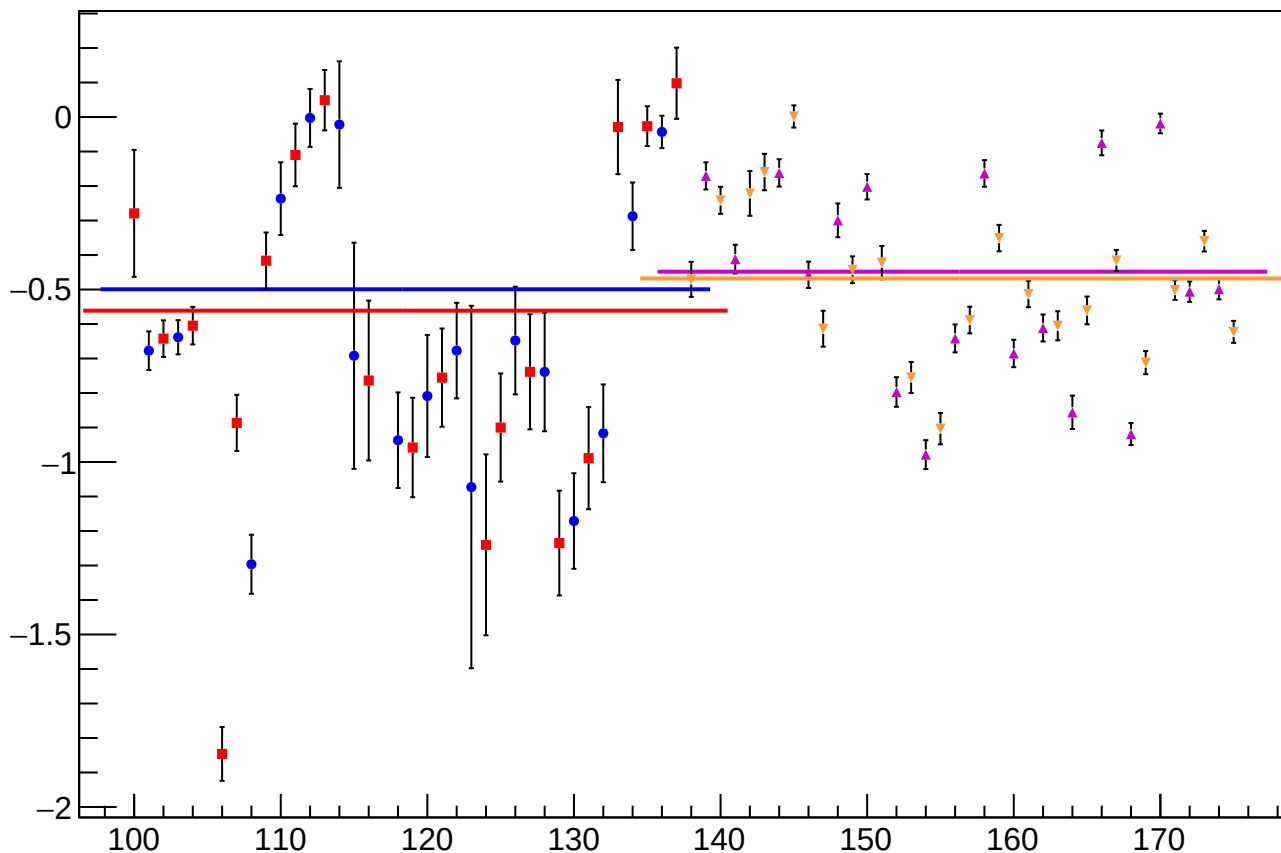
All: -34.985 ± 0.148 χ^2/NDF : 10455.2/73

- sign -36.130 ± 0.213 χ^2/NDF : 4104.5/36

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



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: -0.468 $\pm$ 0.009 χ^2/NDF : 566.8/19

Right Out: -0.561 $\pm$ 0.021 χ^2/NDF : 562.3/18

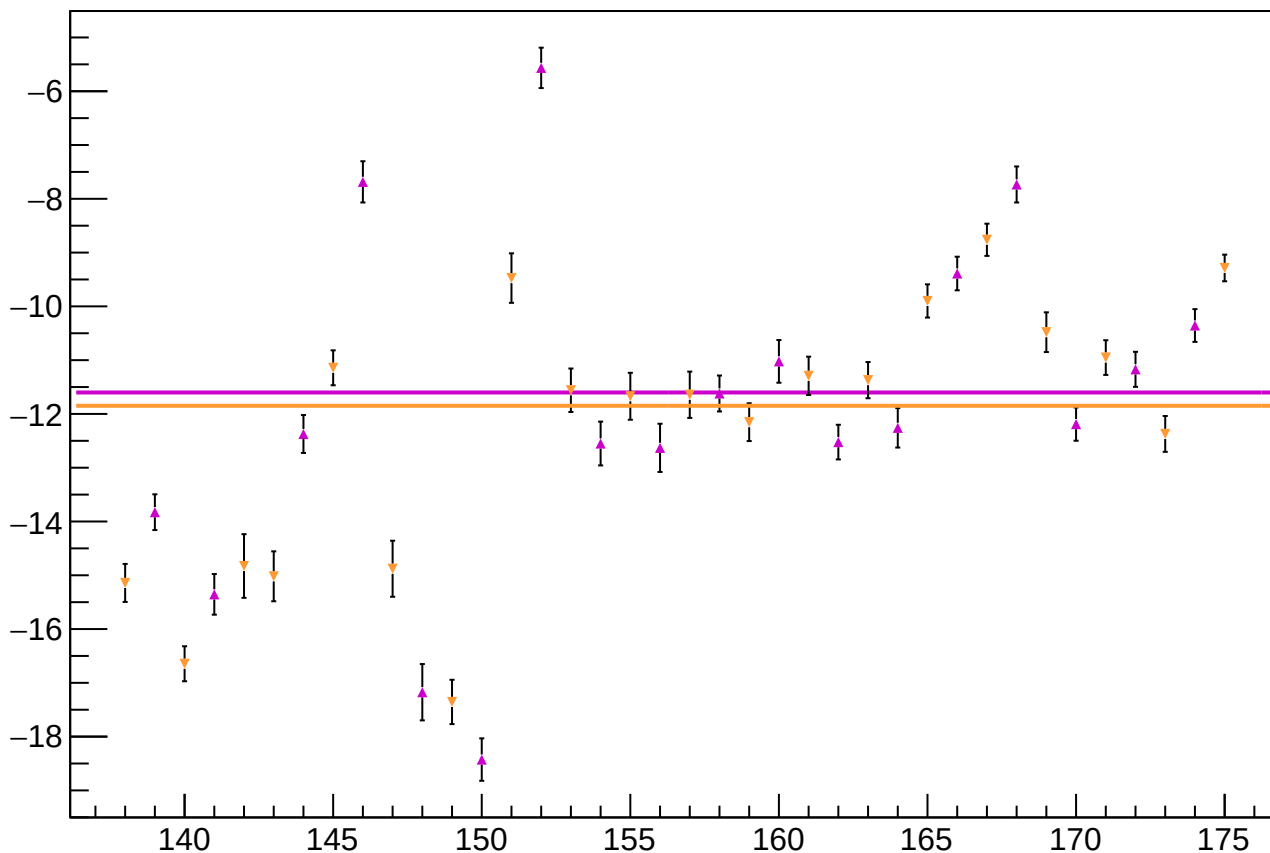
Left In: -0.448 $\pm$ 0.009 χ^2/NDF : 1142.1/17

+ sign -0.472 $\pm$ 0.008 χ^2/NDF : 872.0/36

All: -0.468 $\pm$ 0.006 χ^2/NDF : 2600.8/73

- sign -0.464 $\pm$ 0.008 χ^2/NDF : 1728.4/36

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -11.848+/-0.081 χ^2/NDF : 903.5/19

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

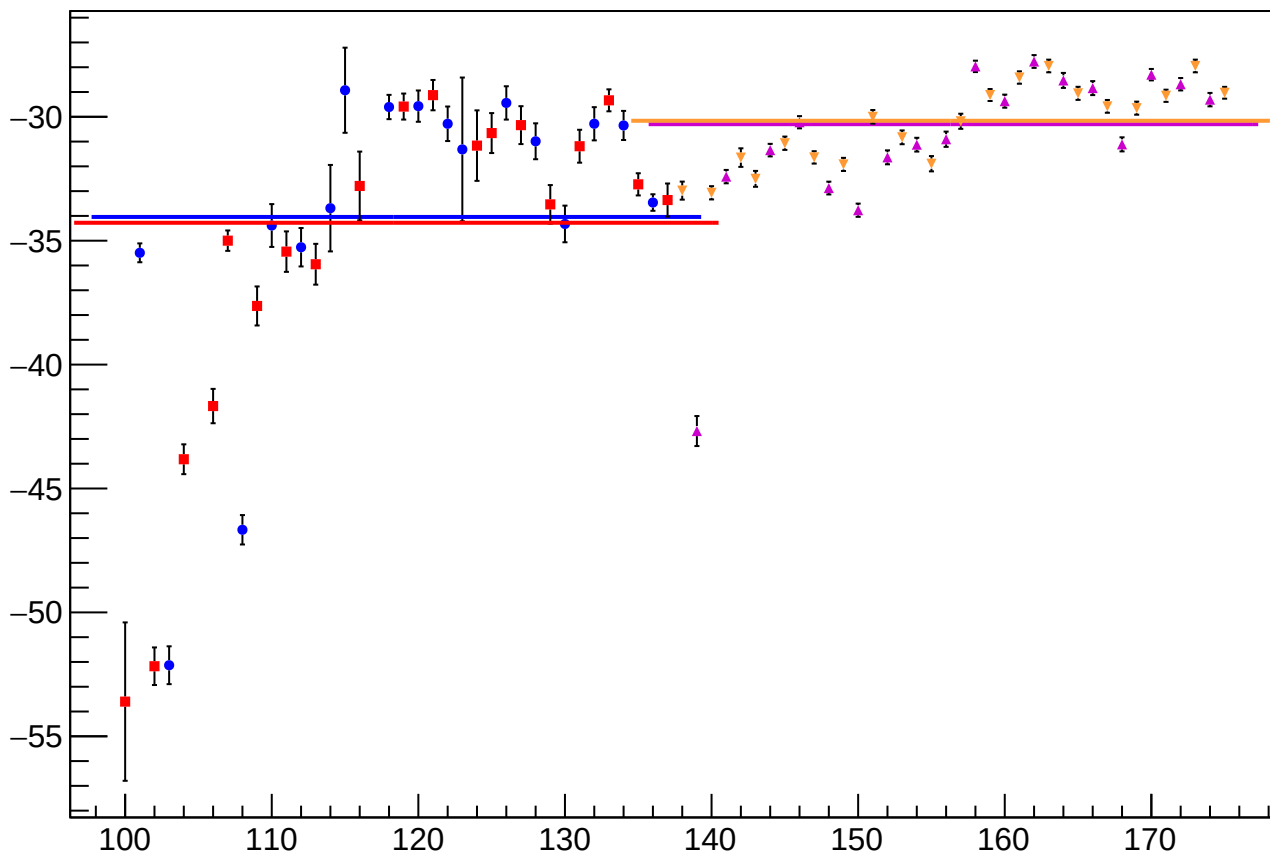
Left In: -11.601+/-0.084 χ^2/NDF : 1153.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.730+/-0.058 χ^2/NDF : 2061.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 $\chi^2/\text{NDF}: 1340.8/16$

Left Out: -30.160 ± 0.061 $\chi^2/\text{NDF}: 656.7/19$

Right Out: -34.277 ± 0.151 $\chi^2/\text{NDF}: 1349.5/18$

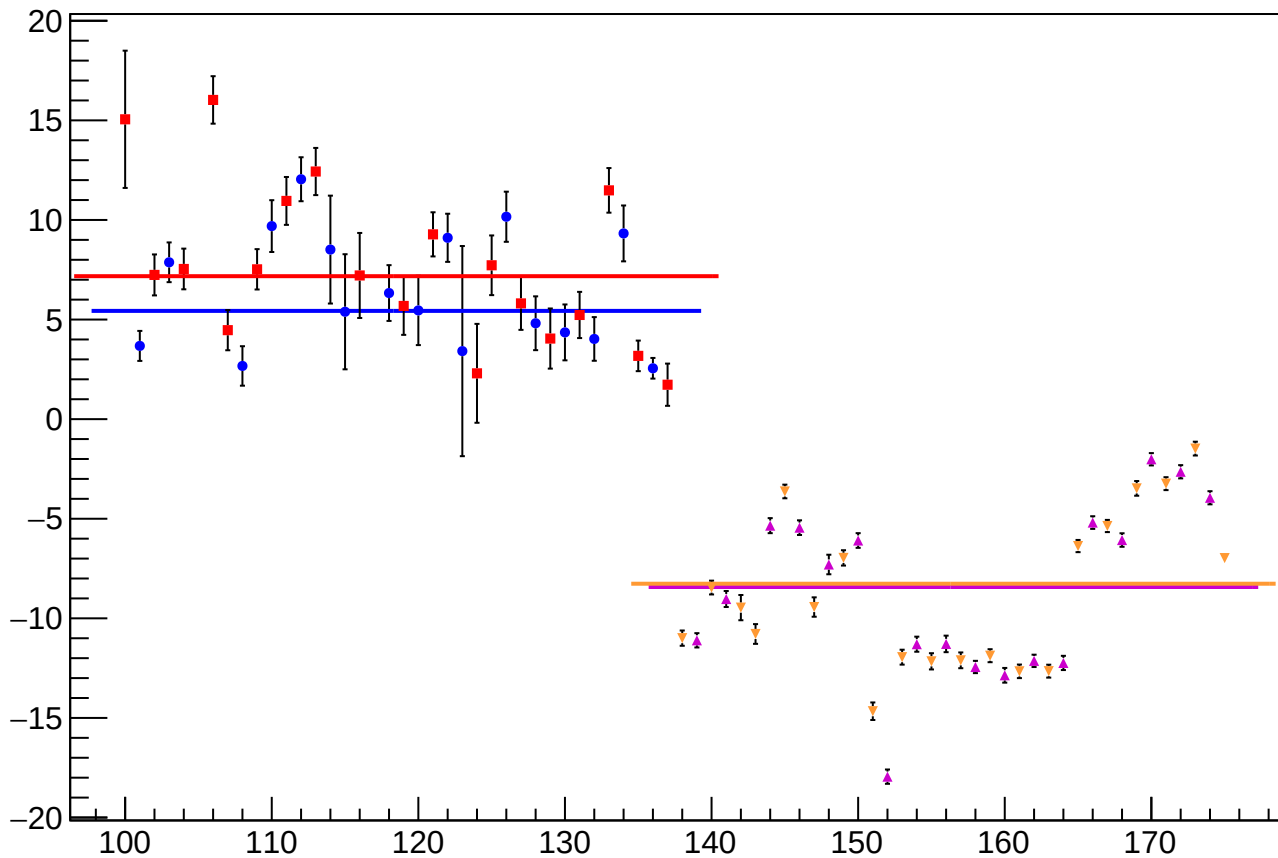
Left In: -30.298 ± 0.064 $\chi^2/\text{NDF}: 1209.8/17$

+ sign -30.703 ± 0.056 $\chi^2/\text{NDF}: 2568.2/36$

All: -30.798 ± 0.041 $\chi^2/\text{NDF}: 5723.7/73$

- sign -30.902 ± 0.059 $\chi^2/\text{NDF}: 3149.5/36$

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: -8.262 ± 0.080 χ^2/NDF : 2191.5/19

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

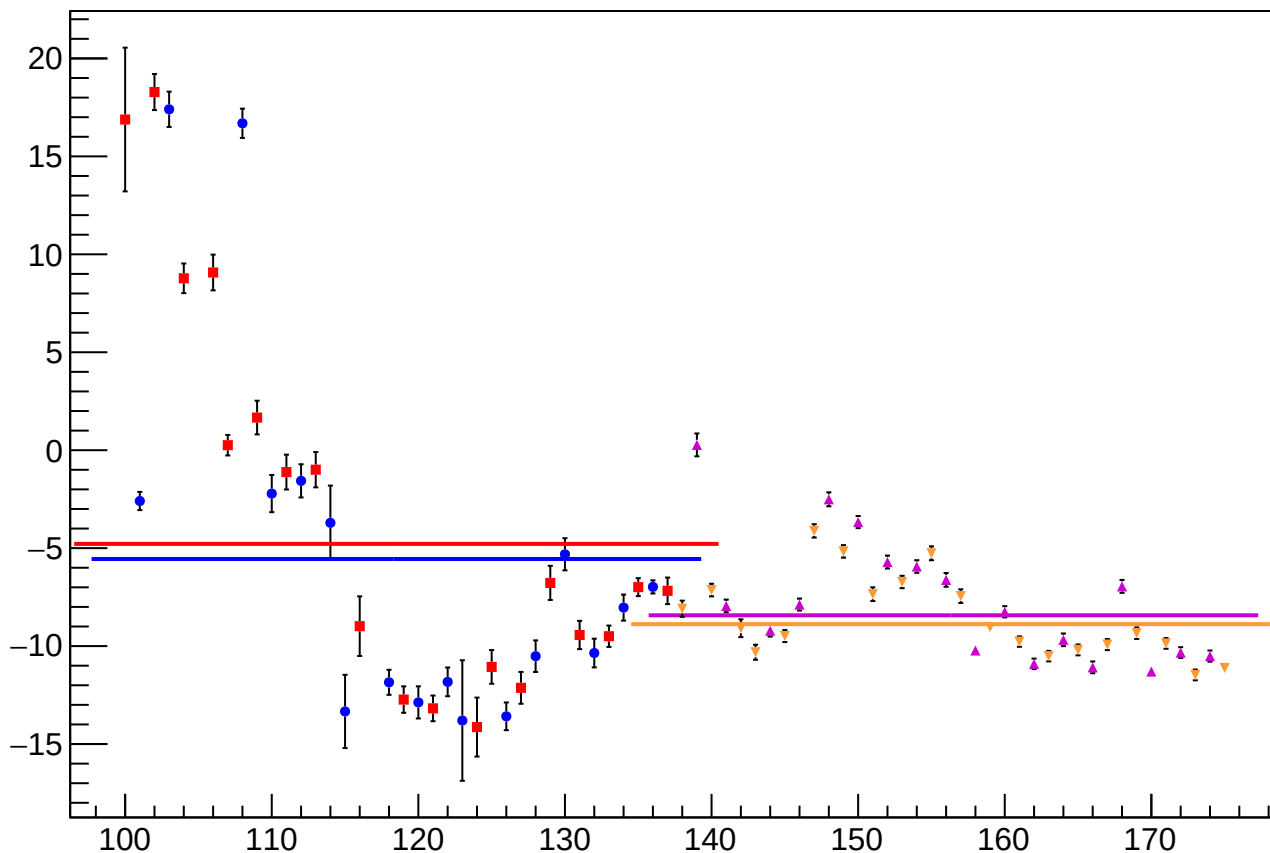
Left In: -8.427 ± 0.083 χ^2/NDF : 2679.9/17

+ sign -7.153 ± 0.077 χ^2/NDF : 4696.3/36

All: -7.129 ± 0.055 χ^2/NDF : 10523.5/73

- sign -7.104 ± 0.080 χ^2/NDF : 5827.1/36

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553 ± 0.170 $\chi^2/\text{NDF}: 2125.3/16$

Left Out: -8.880 ± 0.069 $\chi^2/\text{NDF}: 832.8/19$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

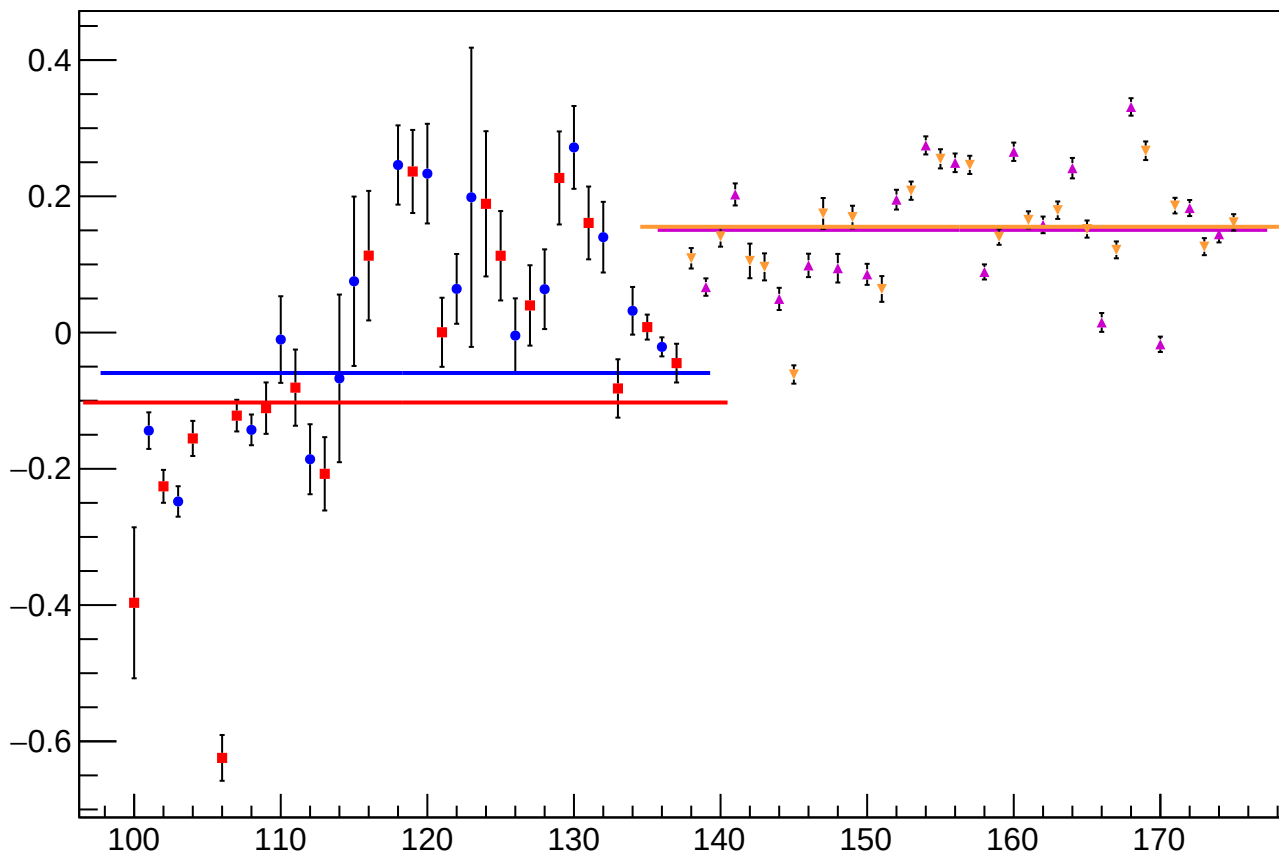
Left In: -8.428 ± 0.072 $\chi^2/\text{NDF}: 1383.3/17$

+ sign -8.414 ± 0.064 $\chi^2/\text{NDF}: 3287.8/36$

All: -8.163 ± 0.046 $\chi^2/\text{NDF}: 7123.5/73$

- sign -7.890 ± 0.066 $\chi^2/\text{NDF}: 3803.3/36$

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: 0.155 ± 0.003 χ^2/NDF : 513.1/19

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

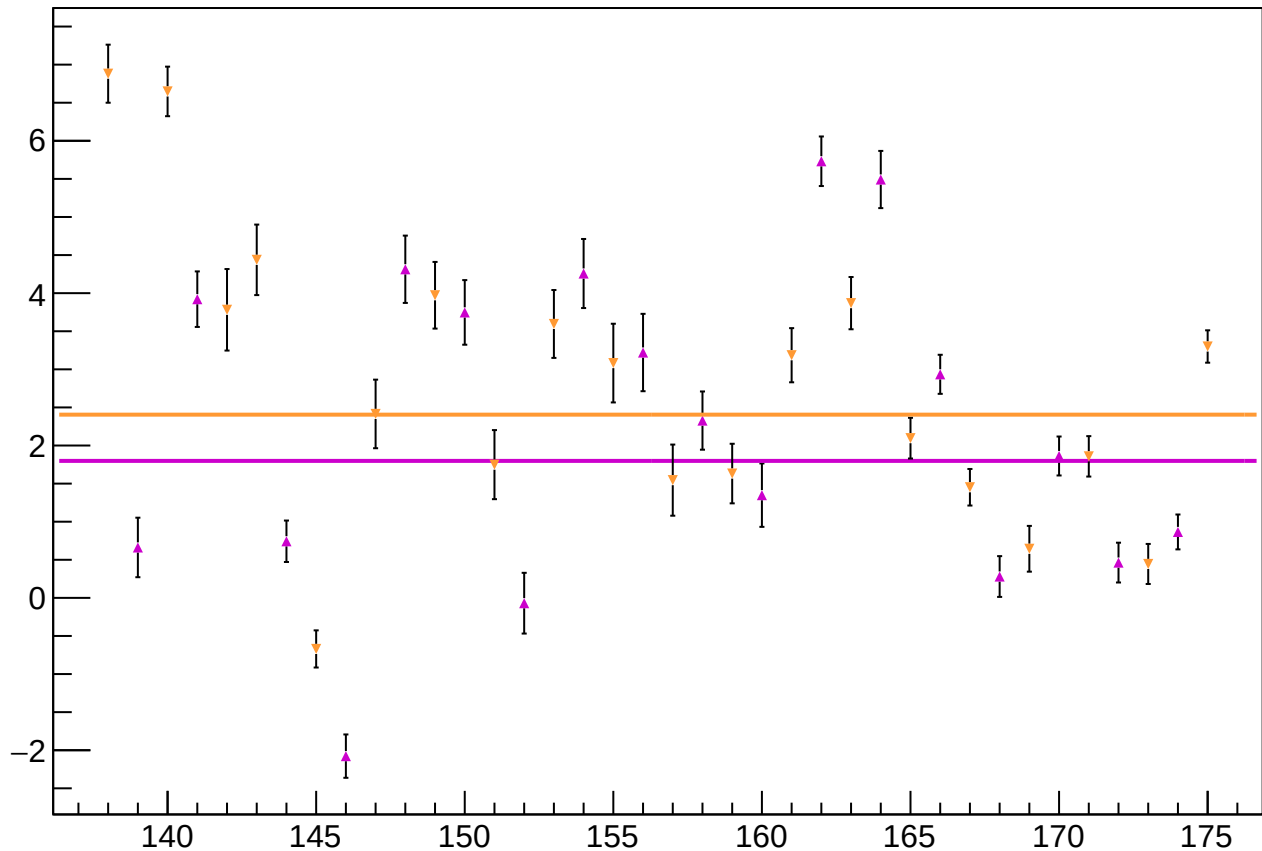
Left In: 0.151 ± 0.003 χ^2/NDF : 939.4/17

+ sign 0.129 ± 0.003 χ^2/NDF : 1304.8/36

All: 0.124 ± 0.002 χ^2/NDF : 3476.9/73

- sign 0.119 ± 0.003 χ^2/NDF : 2166.1/36

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: 2.405 $\pm$ 0.073 χ^2 /NDF:676.2/19

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

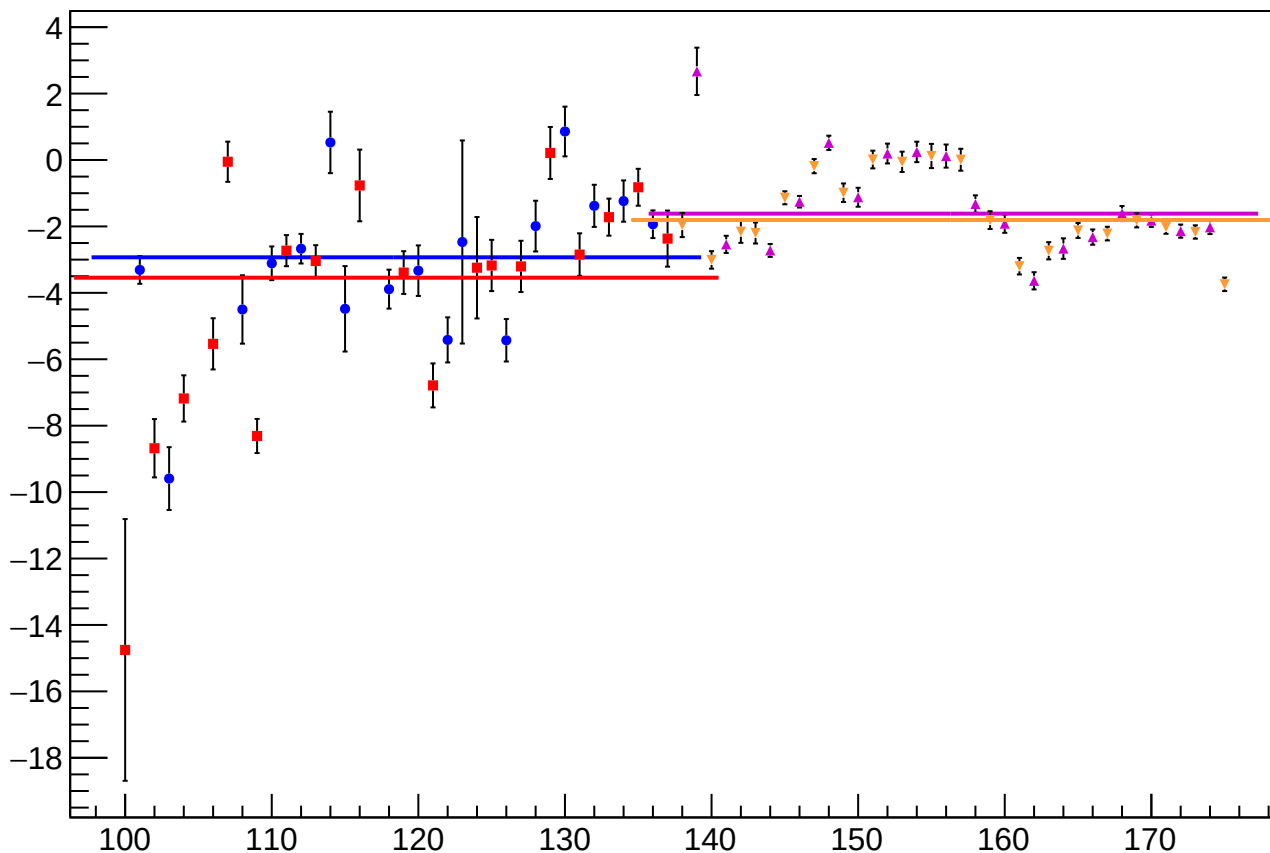
Left In: 1.798 $\pm$ 0.076 χ^2 /NDF:696.4/17

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

All: 2.113 $\pm$ 0.053 χ^2 /NDF: 1405.7/37

- 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: -1.806 ± 0.055 χ^2/NDF : 383.8/19

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

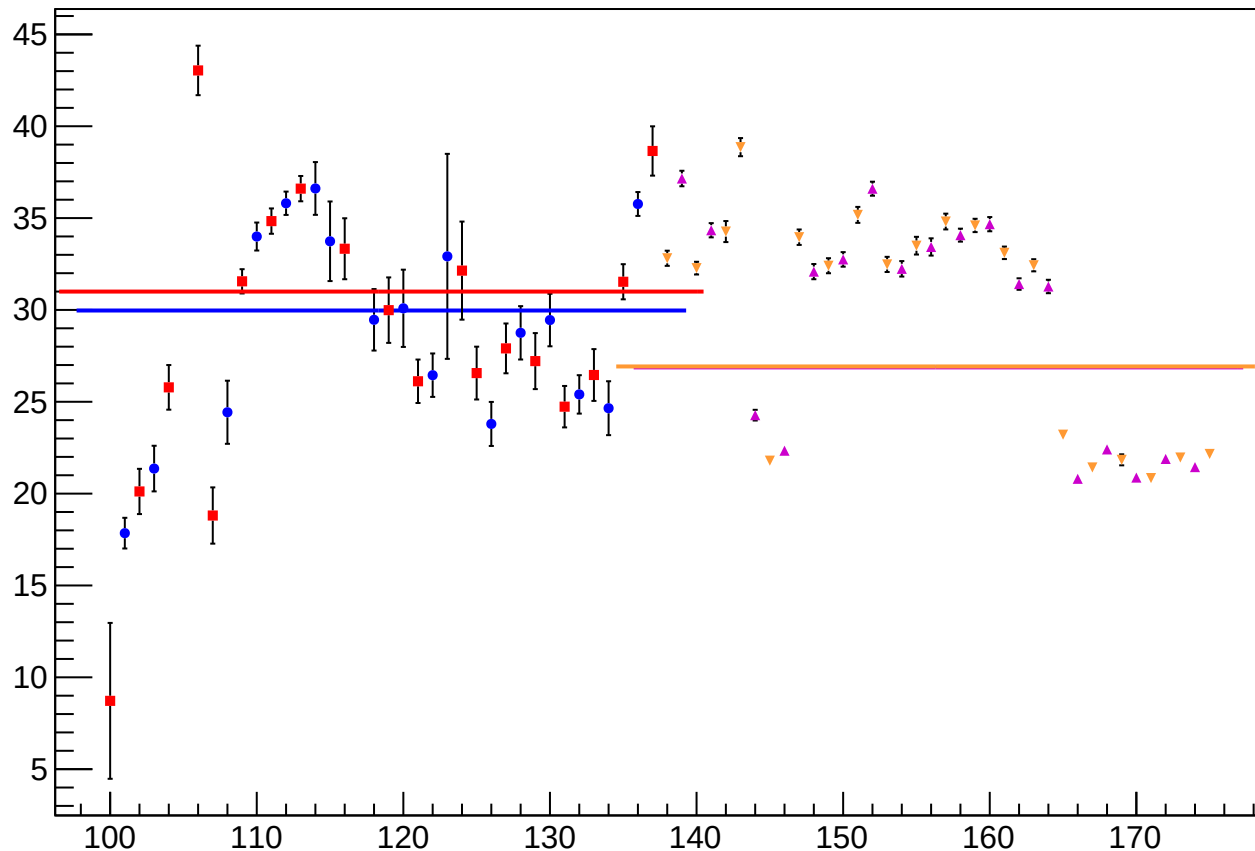
Left In: -1.615 ± 0.057 χ^2/NDF : 381.4/17

+ sign -1.935 ± 0.052 χ^2/NDF : 577.6/36

All: -1.891 ± 0.037 χ^2/NDF : 1389.2/73

- sign -1.845 ± 0.053 χ^2/NDF : 810.1/36

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 ± 0.267 χ^2/NDF : 554.3/16

Left Out: 26.923 ± 0.073 χ^2/NDF : 6490.5/19

Right Out: 31.000 ± 0.260 χ^2/NDF : 479.5/18

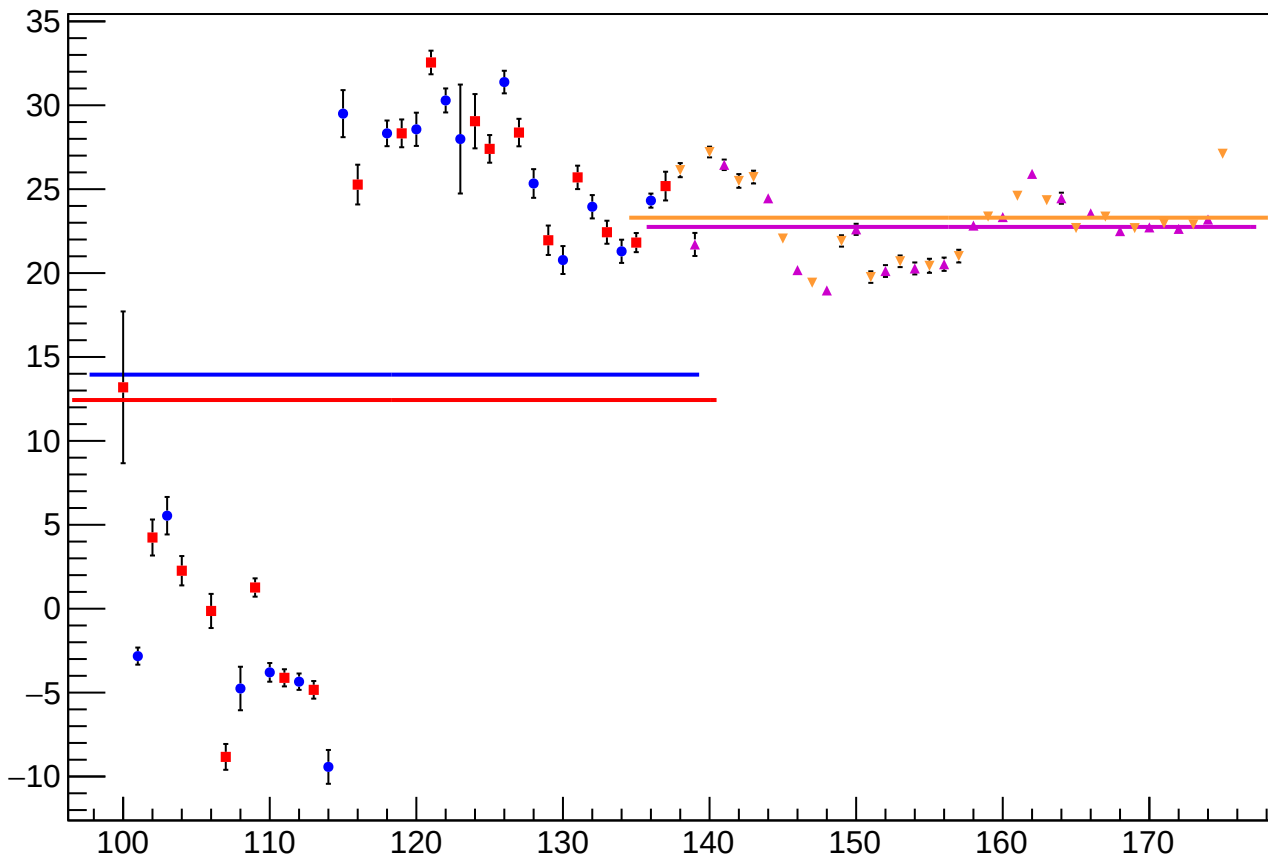
Left In: 26.871 ± 0.076 χ^2/NDF : 6070.5/17

+ sign 27.138 ± 0.071 χ^2/NDF : 7166.0/36

All: 27.166 ± 0.051 χ^2/NDF : 13948.7/73

- sign 27.197 ± 0.073 χ^2/NDF : 6782.3/36

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: 23.301 $\pm$ 0.063 χ^2 /NDF:1104.0/19

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

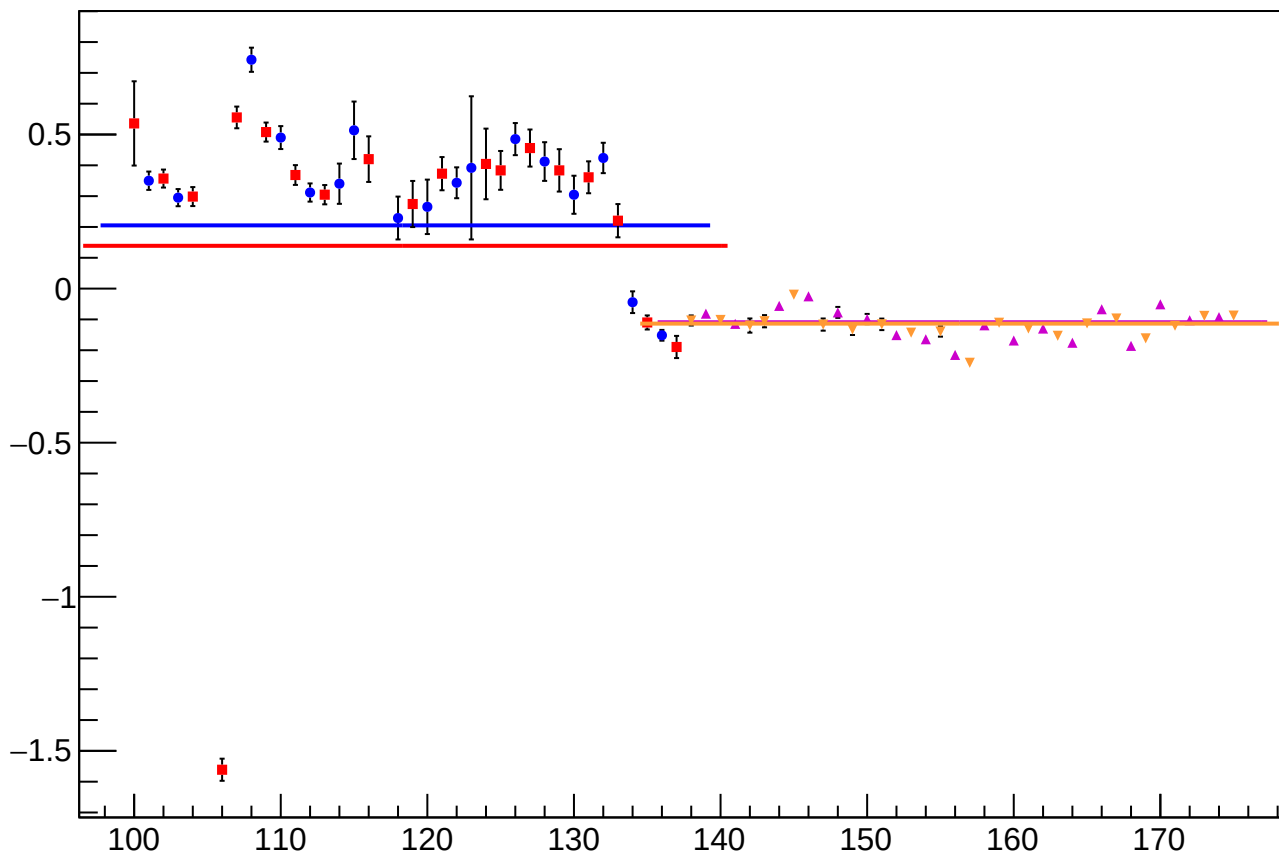
Left In: 22.751 $\pm$ 0.065 χ^2 /NDF:812.5/17

+ sign 22.207 $\pm$ 0.059 χ^2 /NDF: 11108.4/36

All: 21.861 $\pm$ 0.042 χ^2 /NDF: 22053.0/73

- sign 21.492 $\pm$ 0.061 χ^2 /NDF: 10873.0/36

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: -0.114 $\pm$ 0.003 χ^2 /NDF: 216.1/19

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

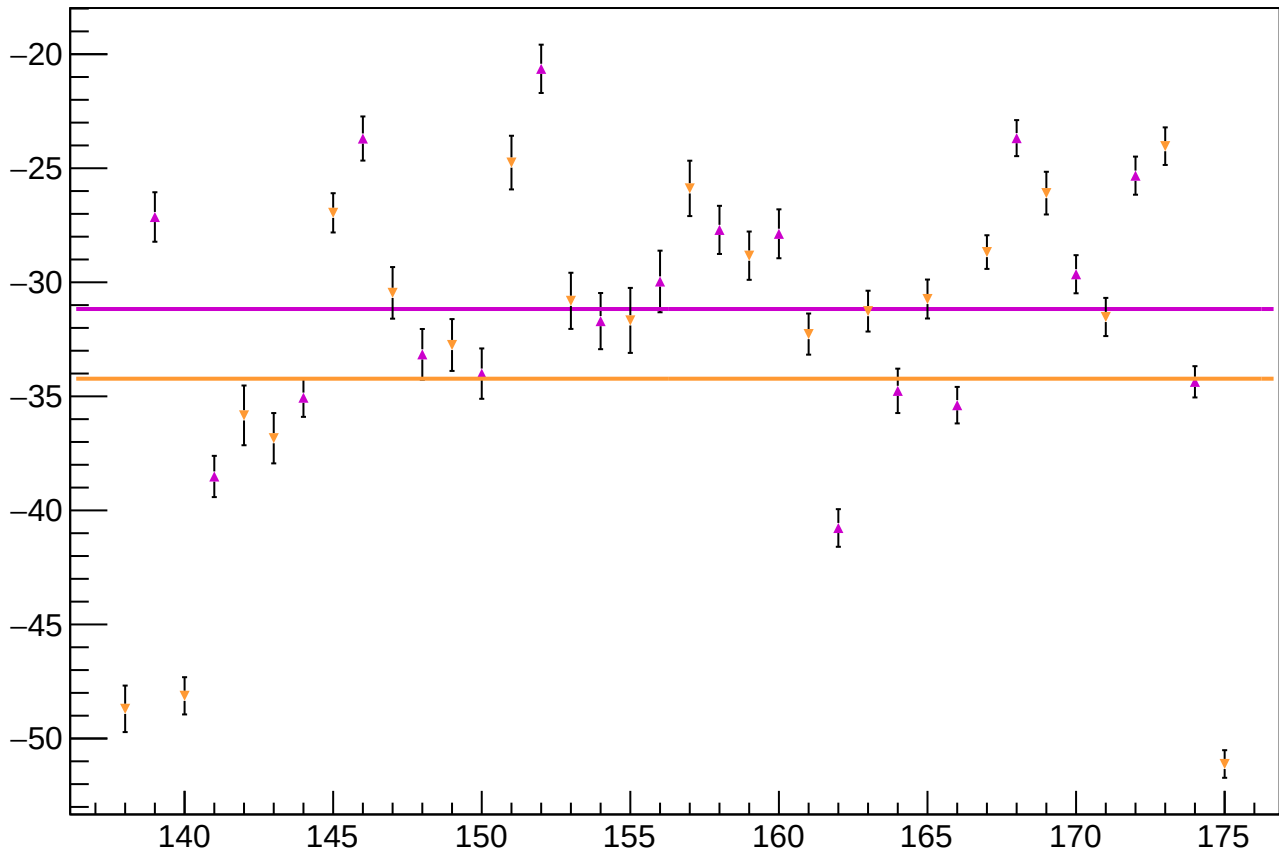
Left In: -0.109 $\pm$ 0.003 χ^2 /NDF: 289.2/17

+ sign -0.086 $\pm$ 0.003 χ^2 /NDF: 2121.1/36

All: -0.086 $\pm$ 0.002 χ^2 /NDF: 6086.6/73

- sign -0.086 $\pm$ 0.003 χ^2 /NDF: 3965.5/36

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.226 +/- 0.210 χ^2/NDF : 1838.9/19

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

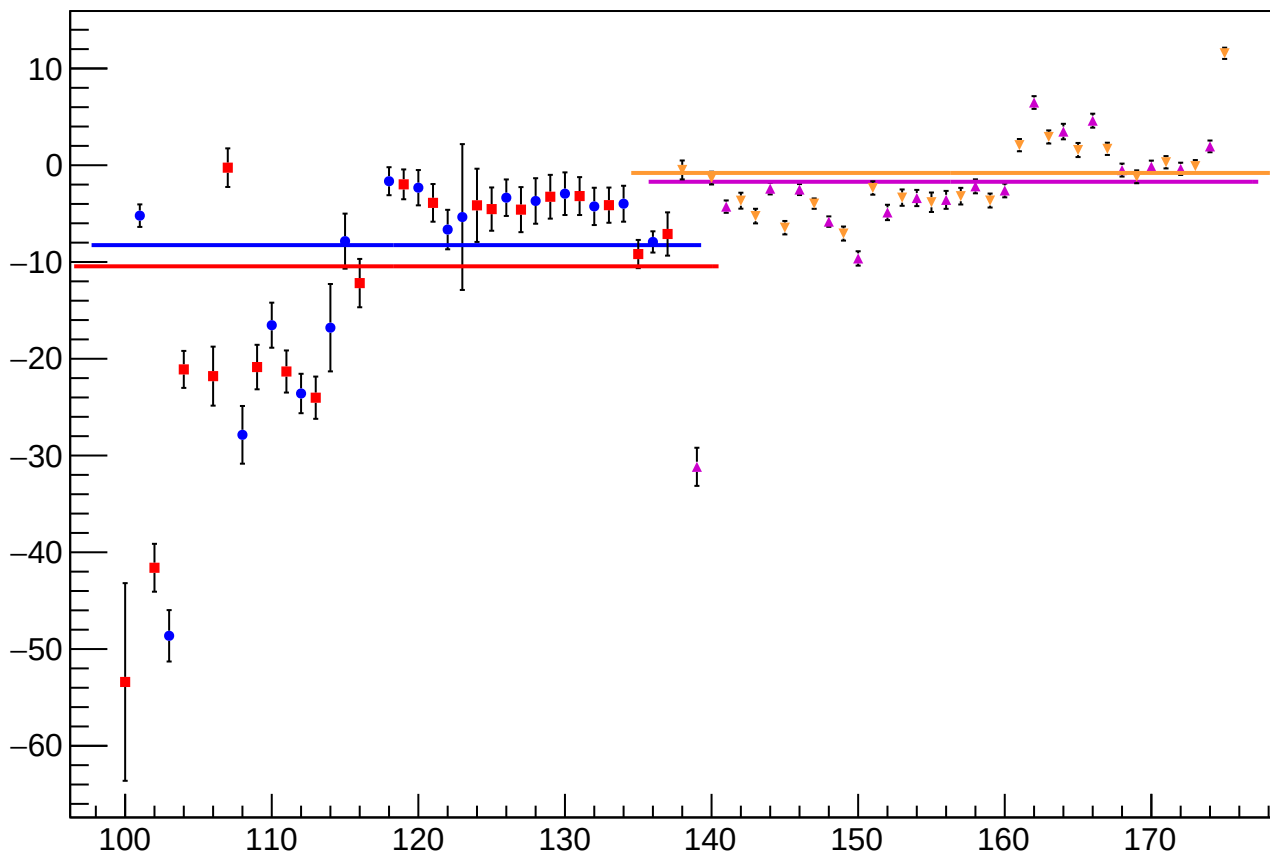
Left In: -31.171 +/- 0.220 χ^2/NDF : 631.2/17

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -32.767 +/- 0.152 χ^2/NDF : 2571.2/37

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 $\chi^2/\text{NDF}: 412.1/16$

Left Out: -0.796 ± 0.156 $\chi^2/\text{NDF}: 803.4/19$

Right Out: -10.446 ± 0.491 $\chi^2/\text{NDF}: 428.4/18$

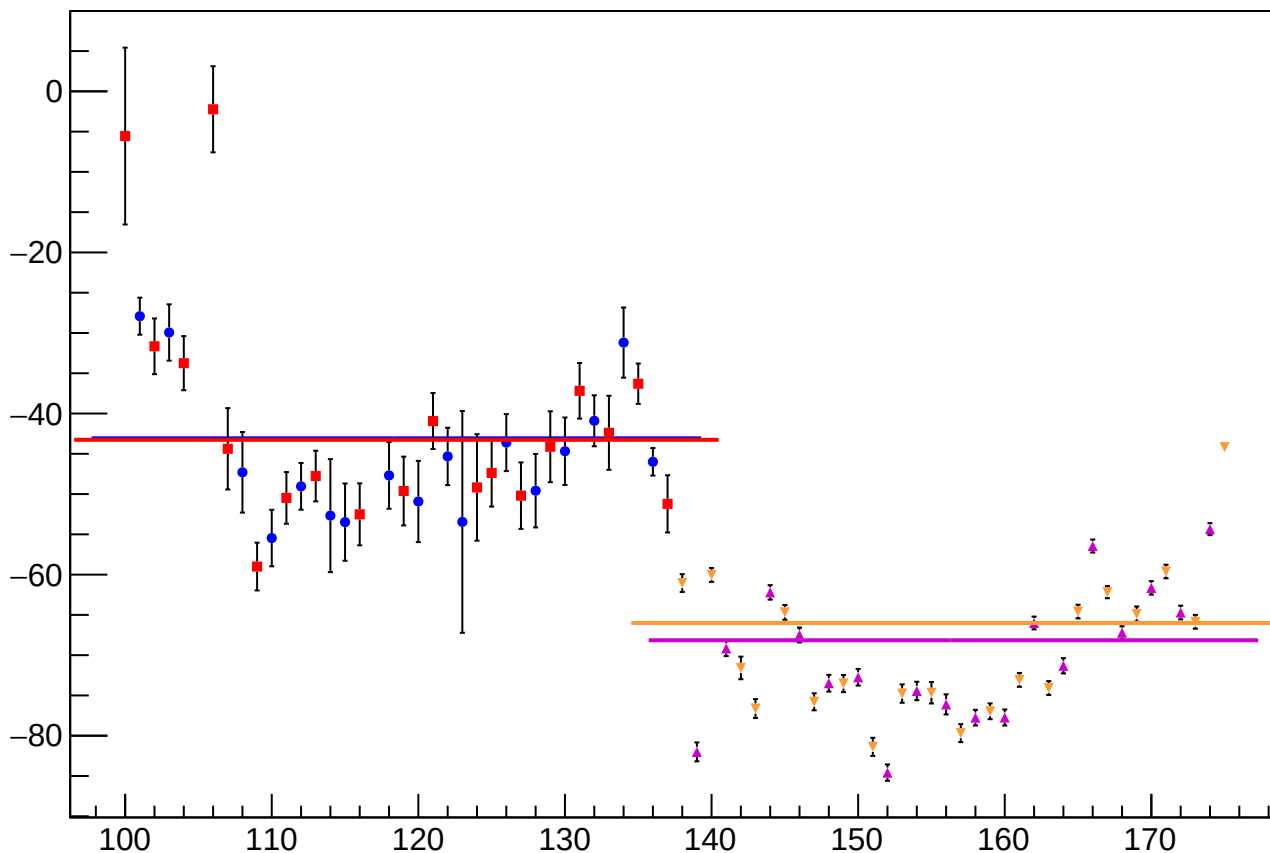
Left In: -1.710 ± 0.163 $\chi^2/\text{NDF}: 763.9/17$

+ sign -1.562 ± 0.148 $\chi^2/\text{NDF}: 1449.5/36$

All: -2.046 ± 0.107 $\chi^2/\text{NDF}: 2949.2/73$

- sign -2.575 ± 0.155 $\chi^2/\text{NDF}: 1477.3/36$

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: -66.007 ± 0.210 $\chi^2/\text{NDF}: 2406.9/19$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

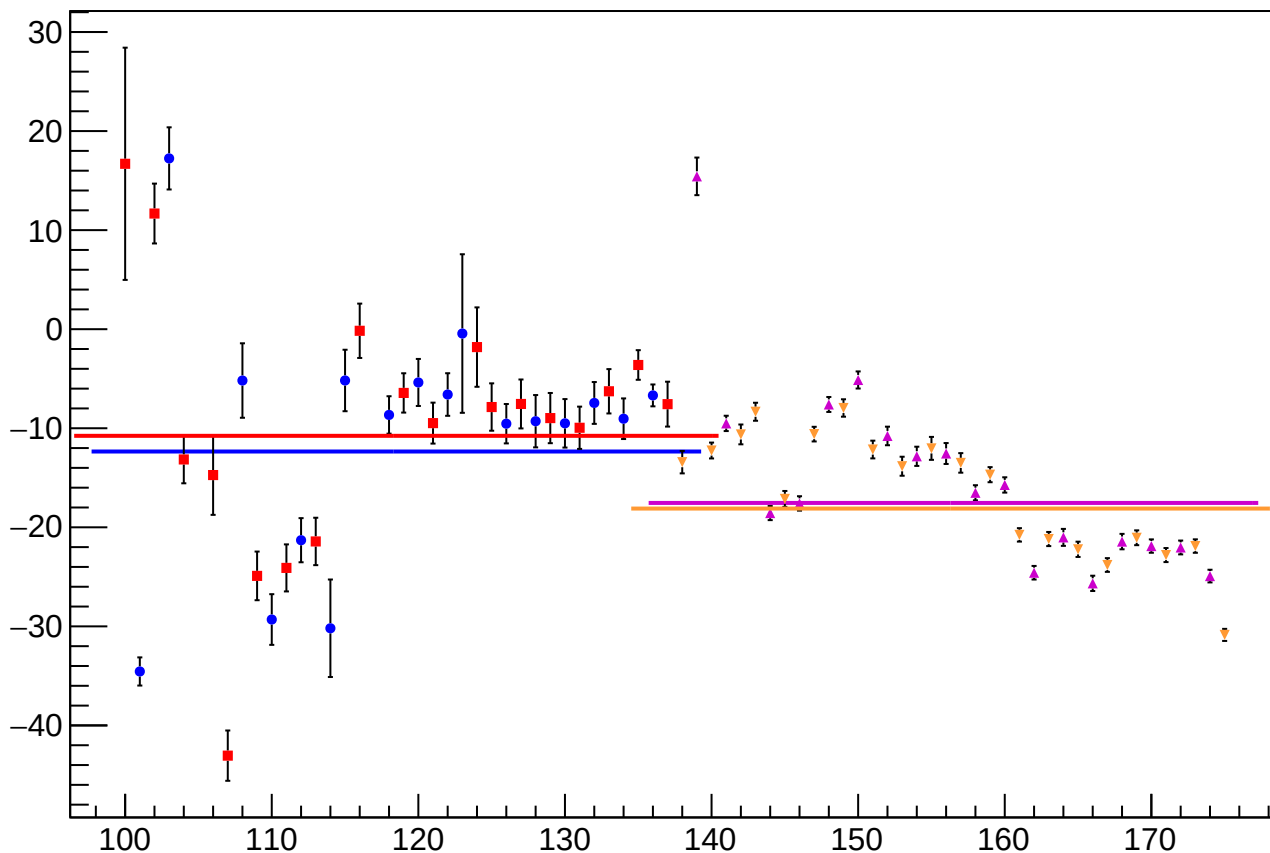
Left In: -68.150 ± 0.219 $\chi^2/\text{NDF}: 1401.3/17$

+ sign -64.646 ± 0.203 $\chi^2/\text{NDF}: 3216.4/36$

All: -65.609 ± 0.147 $\chi^2/\text{NDF}: 5594.4/73$

- sign -66.658 ± 0.212 $\chi^2/\text{NDF}: 2331.2/36$

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: -18.108 ± 0.178 χ^2/NDF : 1272.1/19

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

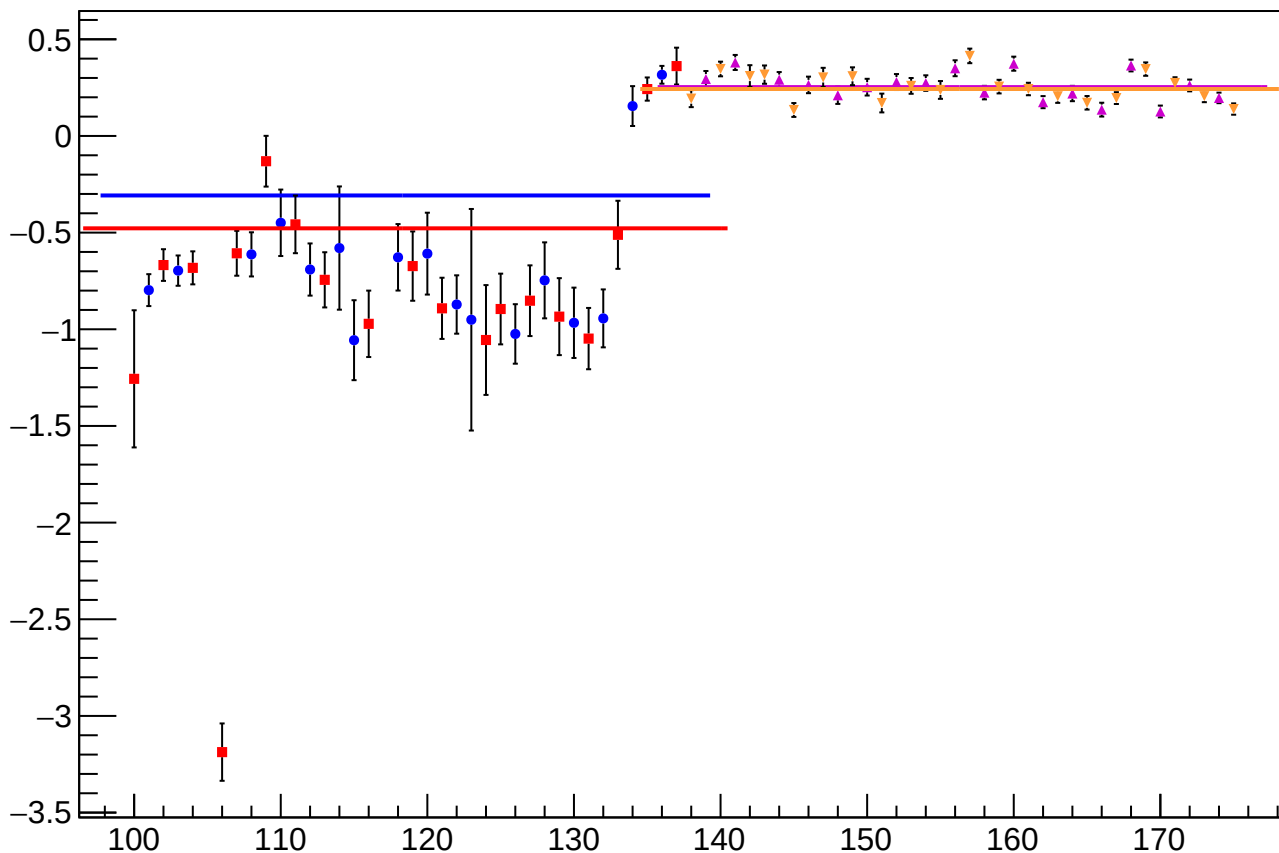
Left In: -17.540 ± 0.186 χ^2/NDF : 1370.0/17

+ sign -17.504 ± 0.168 χ^2/NDF : 1857.9/36

All: -17.193 ± 0.122 χ^2/NDF : 3736.3/73

- sign -16.852 ± 0.176 χ^2/NDF : 1871.2/36

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: 0.243 ± 0.008 χ^2/NDF : 80.0/19

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

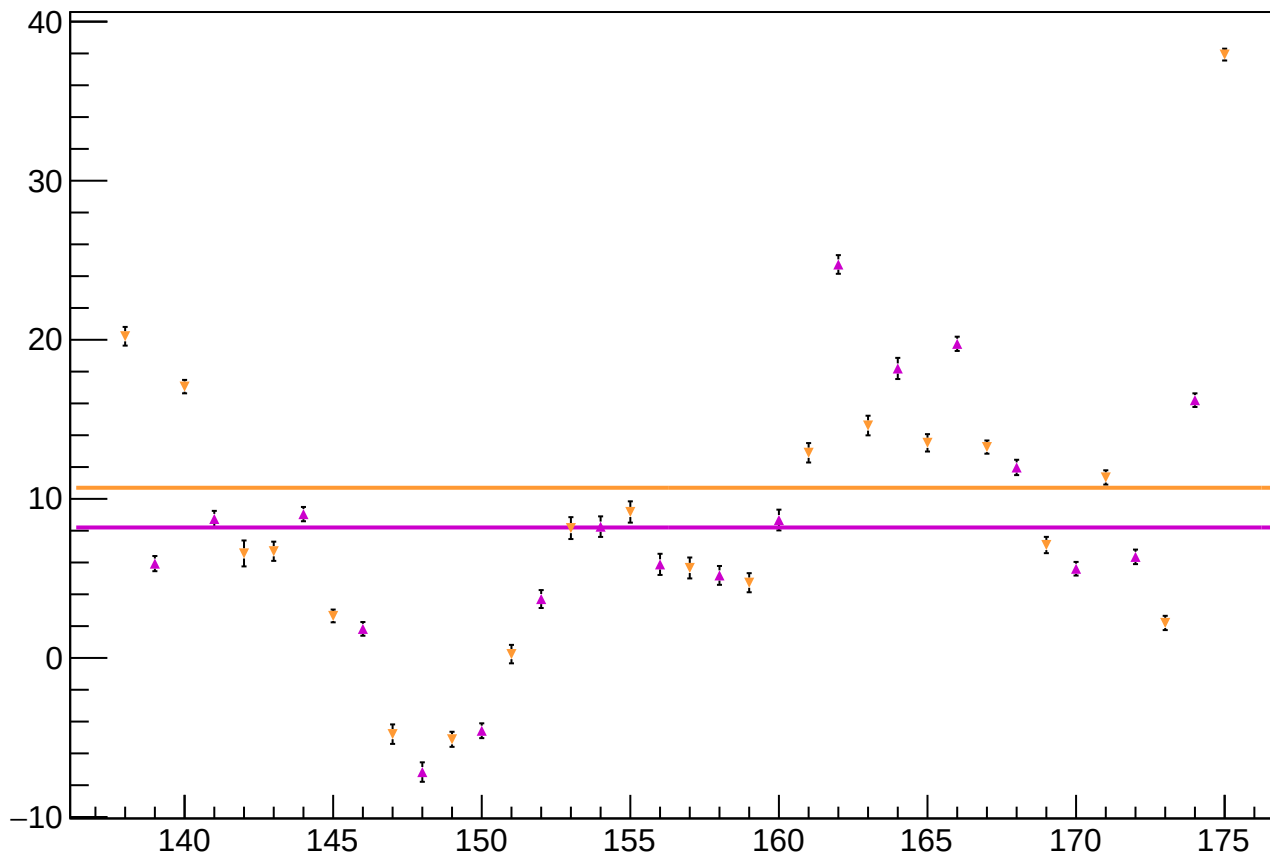
Left In: 0.253 ± 0.008 χ^2/NDF : 84.0/17

+ sign 0.197 ± 0.008 χ^2/NDF : 819.6/36

All: 0.195 ± 0.006 χ^2/NDF : 2137.1/73

- sign 0.193 ± 0.008 χ^2/NDF : 1317.4/36

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.698+/-0.116 χ^2/NDF : 9086.7/19

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

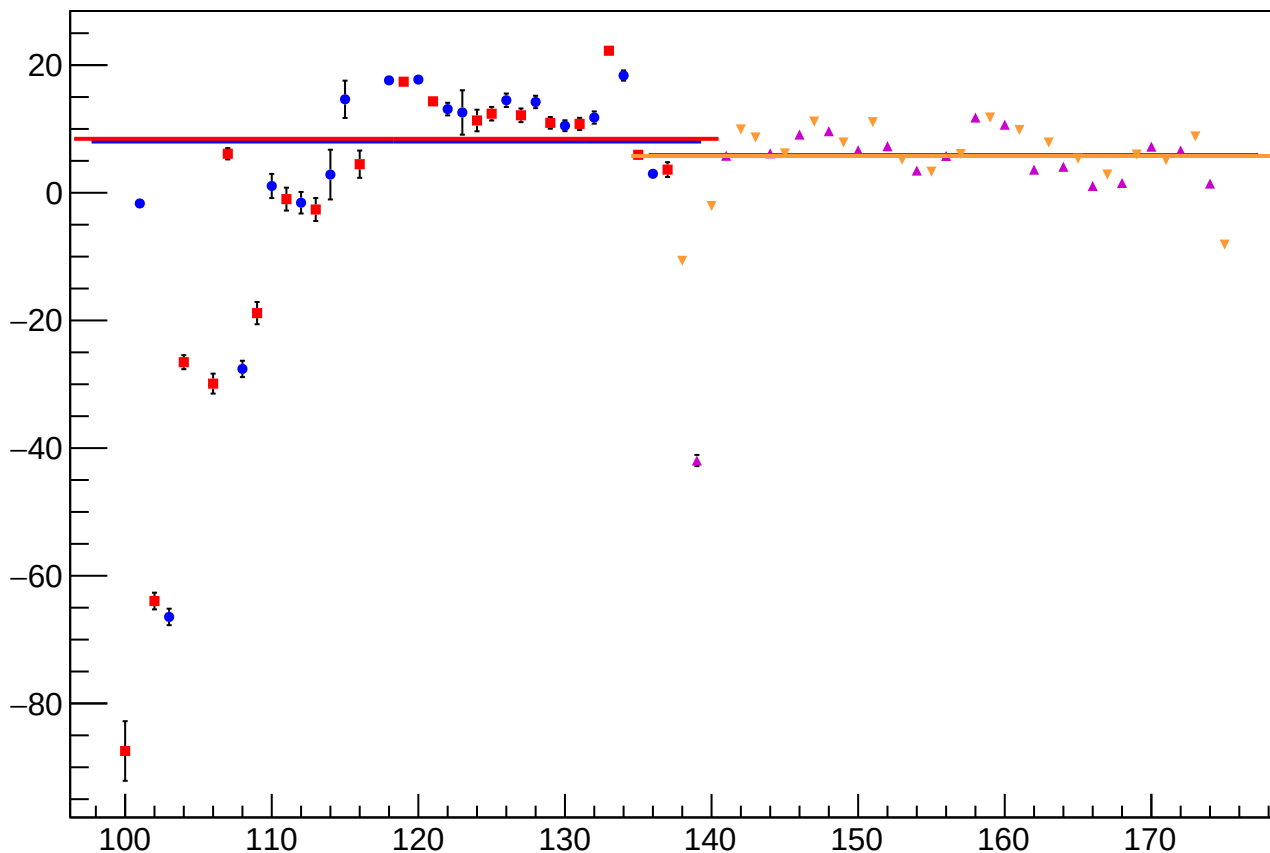
Left In: 8.202+/-0.120 χ^2/NDF : 3875.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.493+/-0.084 χ^2/NDF : 13184.1/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 5.764 ± 0.086 $\chi^2/\text{NDF}: 4001.1/19$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

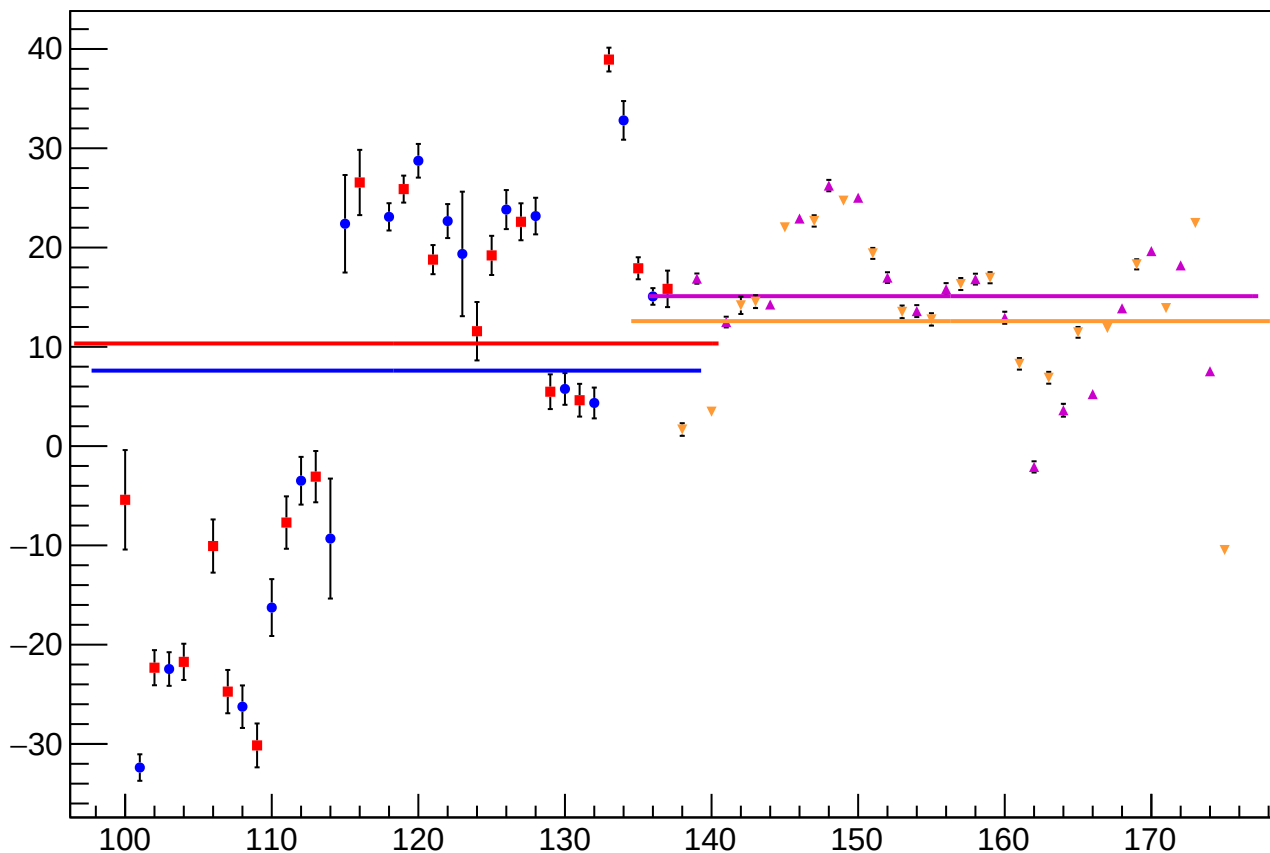
Left In: 5.920 ± 0.090 $\chi^2/\text{NDF}: 4074.6/17$

+ sign 6.078 ± 0.080 $\chi^2/\text{NDF}: 9466.6/36$

All: 6.186 ± 0.058 $\chi^2/\text{NDF}: 20369.2/73$

- sign 6.301 ± 0.083 $\chi^2/\text{NDF}: 10898.9/36$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 $\chi^2/\text{NDF}: 2325.0/16$

Left Out: 12.589 ± 0.116 $\chi^2/\text{NDF}: 7096.2/19$

Right Out: 10.337 ± 0.416 $\chi^2/\text{NDF}: 2281.8/18$

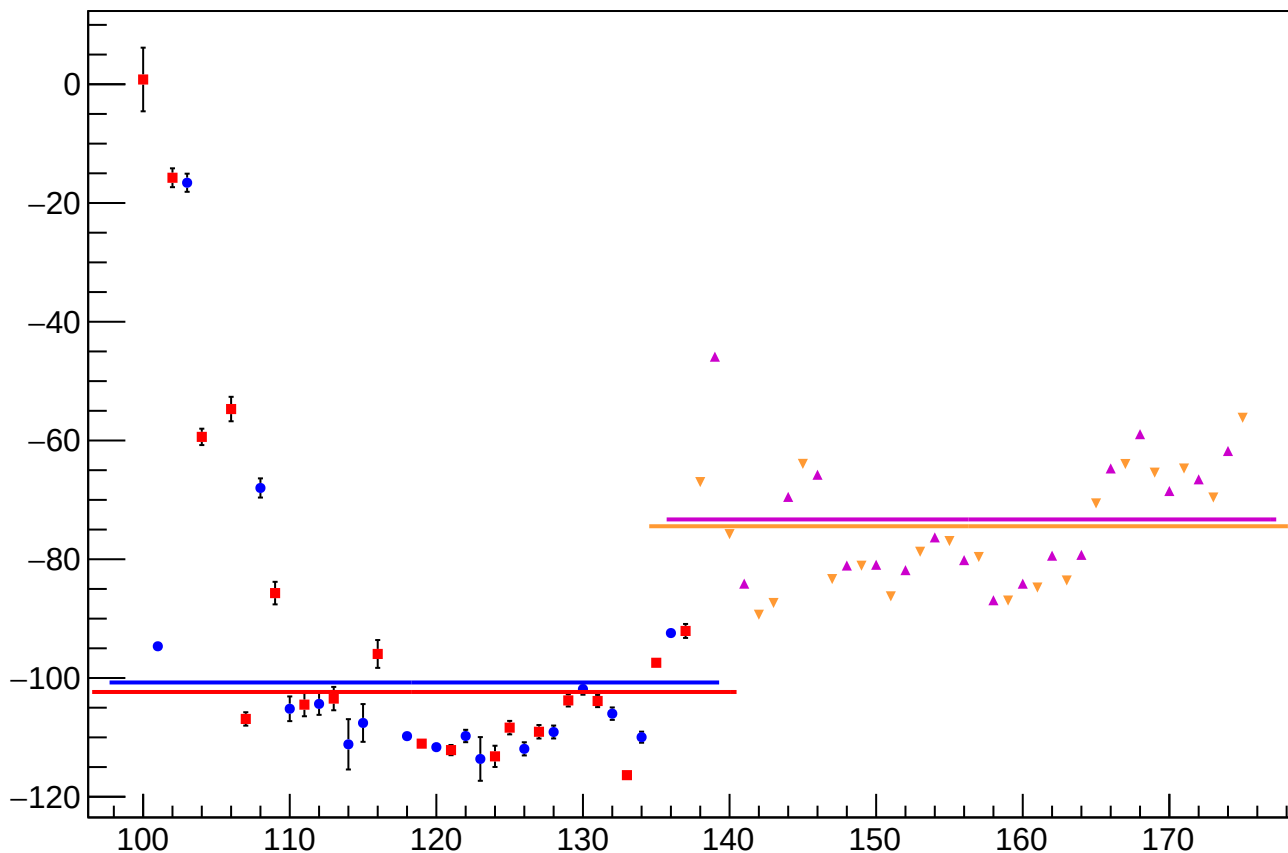
Left In: 15.102 ± 0.120 $\chi^2/\text{NDF}: 3463.8/17$

+ sign 12.228 ± 0.112 $\chi^2/\text{NDF}: 9554.5/36$

All: 13.446 ± 0.080 $\chi^2/\text{NDF}: 15665.5/73$

- sign 14.738 ± 0.115 $\chi^2/\text{NDF}: 5866.6/36$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -74.441 ± 0.099 $\chi^2/\text{NDF}: 9979.7/19$

Right Out: -102.354 ± 0.246 $\chi^2/\text{NDF}: 6078.9/18$

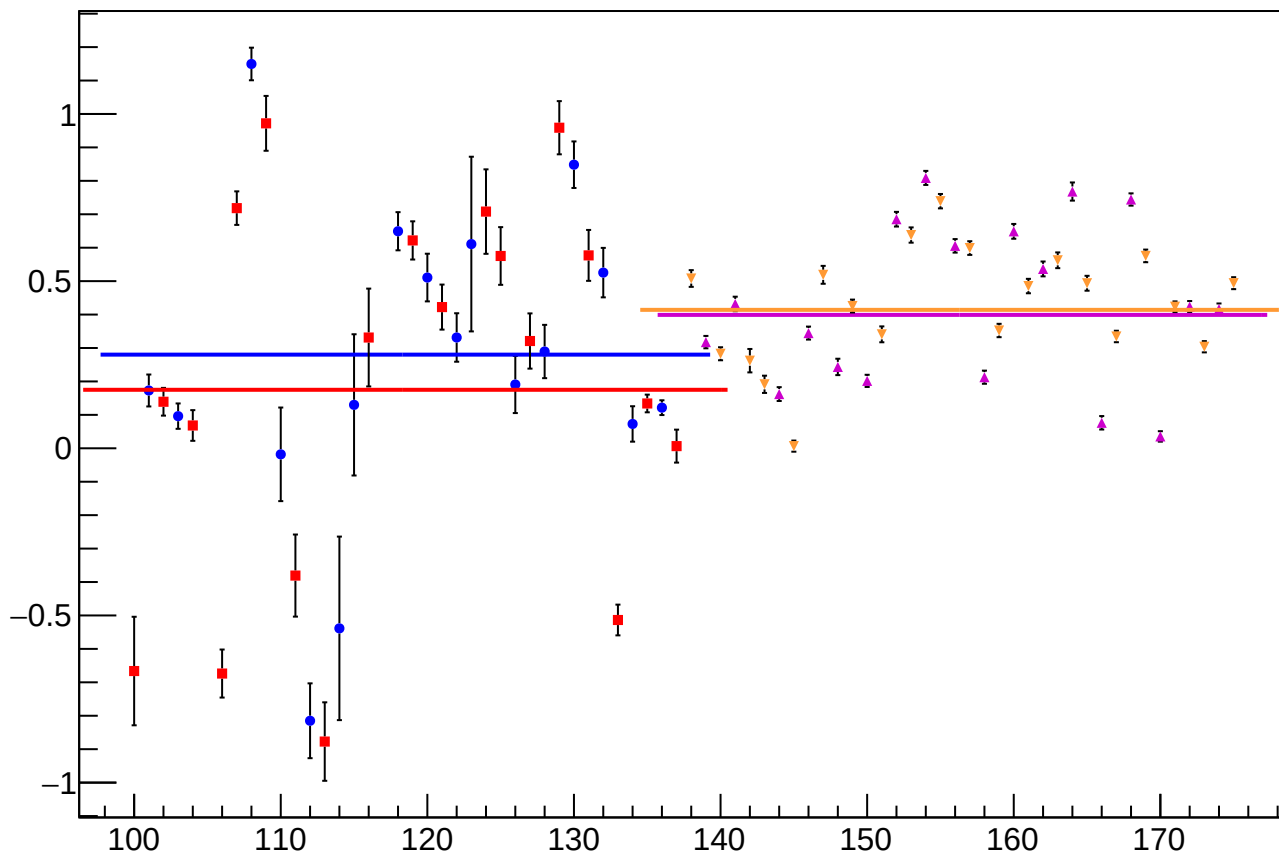
Left In: -73.293 ± 0.103 $\chi^2/\text{NDF}: 7940.4/17$

+ sign -78.045 ± 0.092 $\chi^2/\text{NDF}: 24216.5/36$

All: -77.832 ± 0.066 $\chi^2/\text{NDF}: 50110.4/73$

- sign -77.604 ± 0.095 $\chi^2/\text{NDF}: 25882.8/36$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.414 ± 0.005 χ^2/NDF : 1412.0/19

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

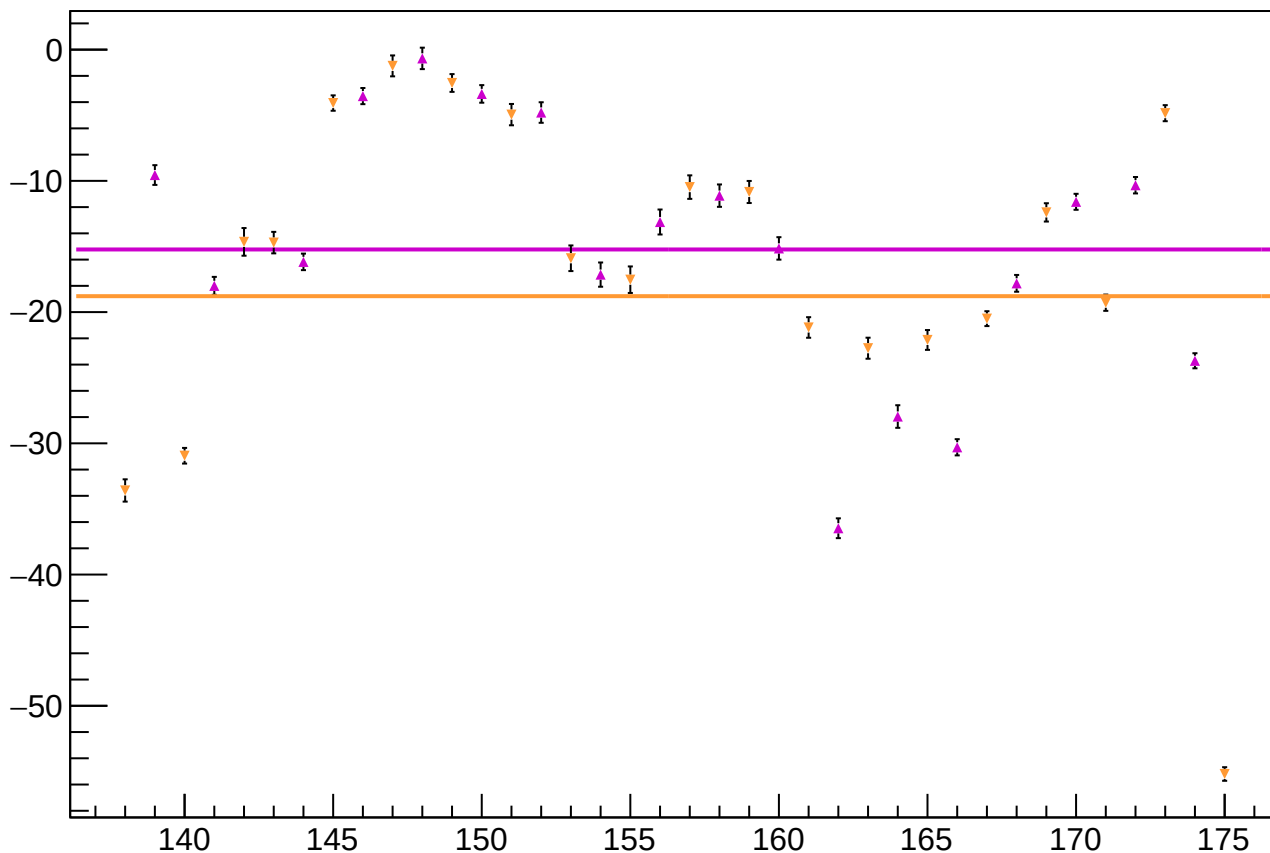
Left In: 0.399 ± 0.005 χ^2/NDF : 2564.9/17

+ sign 0.400 ± 0.004 χ^2/NDF : 2156.7/36

All: 0.388 ± 0.003 χ^2/NDF : 5953.0/73

- sign 0.375 ± 0.004 χ^2/NDF : 3779.7/36

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.787+/-0.161 χ^2/NDF : 8529.2/19

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

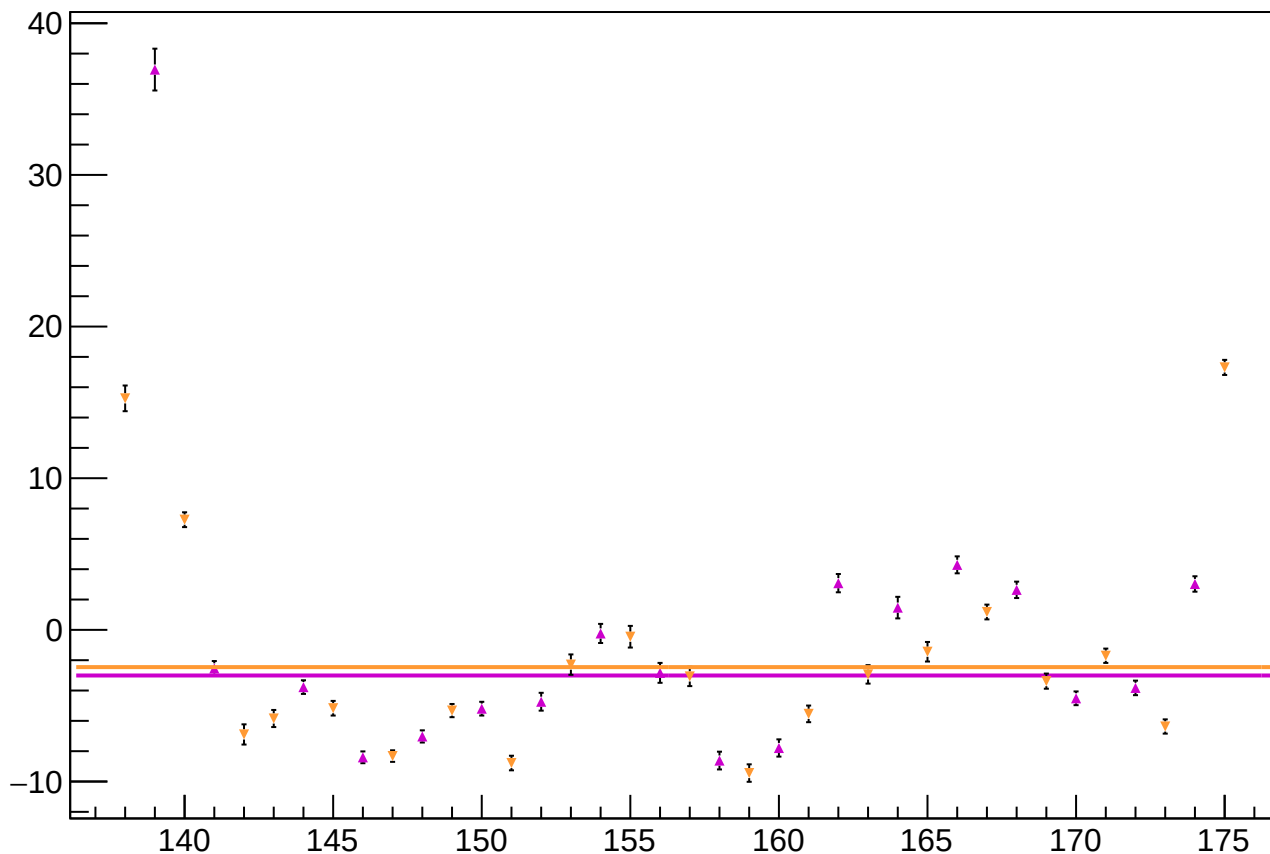
Left In: -15.228+/-0.167 χ^2/NDF : 3213.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.071+/-0.116 χ^2/NDF : 11978.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

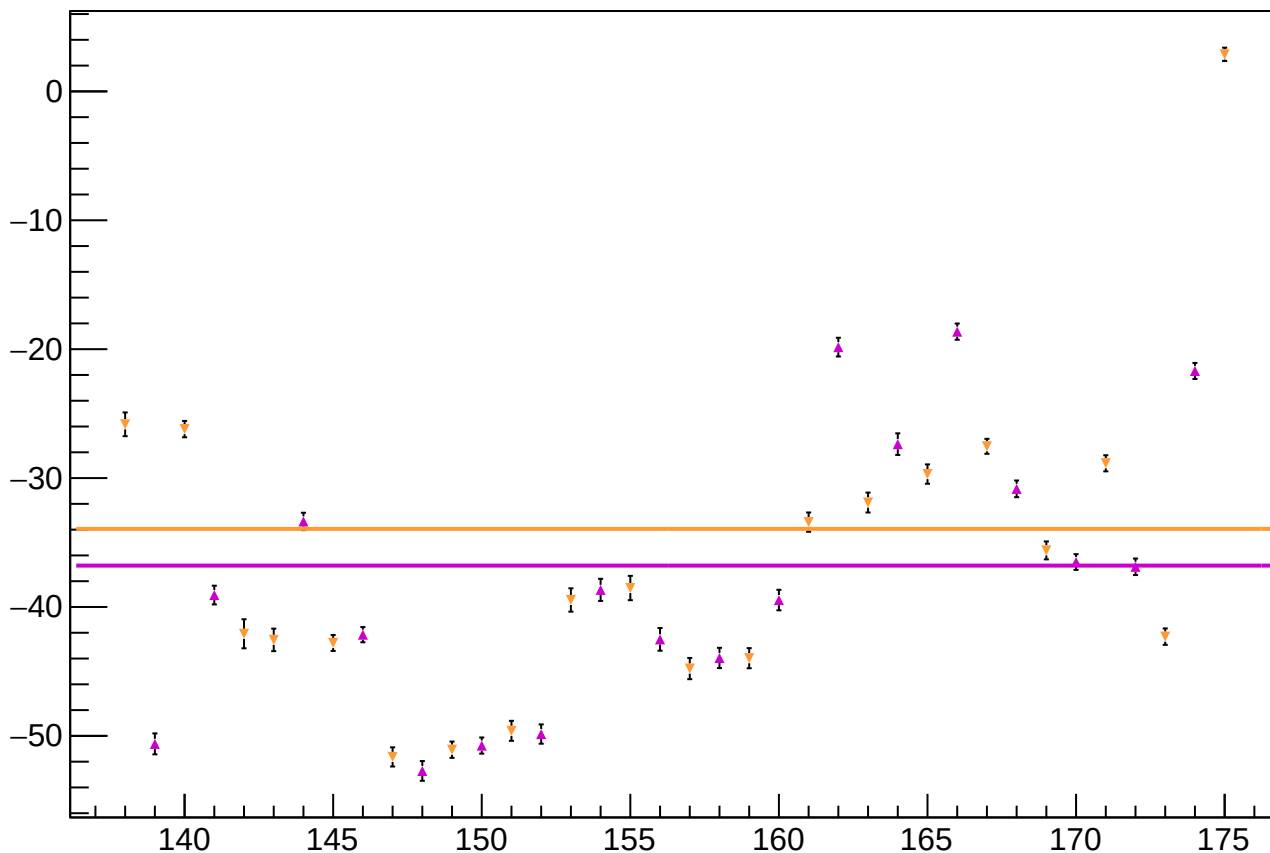
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.456+/-0.119 χ^2/NDF : 3293.7/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.009+/-0.124 χ^2/NDF : 1924.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.721+/-0.086 χ^2/NDF : 5228.5/37
 - 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: -33.940 ± 0.161 χ^2/NDF : 8133.4/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

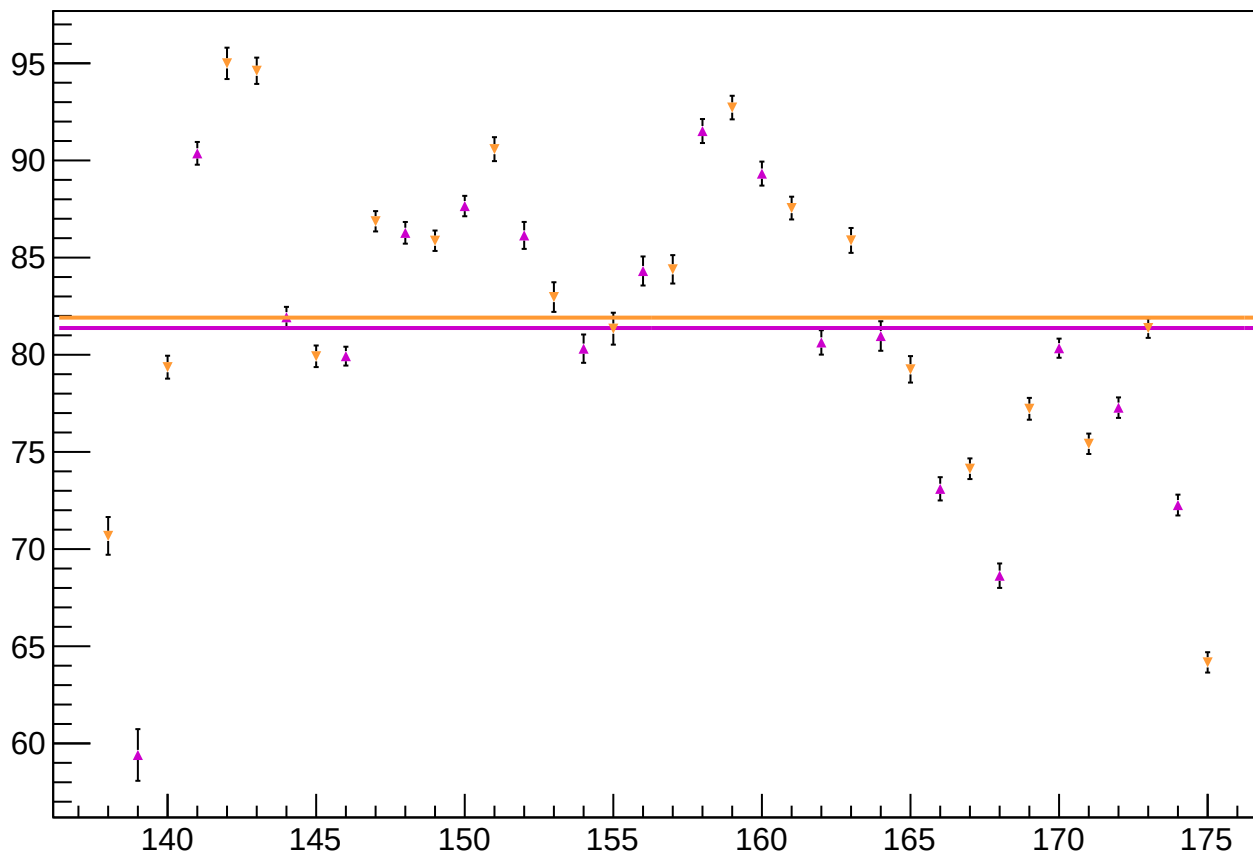
Left In: -36.789 ± 0.166 χ^2/NDF : 3955.4/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.317 ± 0.115 χ^2/NDF : 12241.0/37

- 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: 81.912+/-0.136 χ^2/NDF : 3187.8/19

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

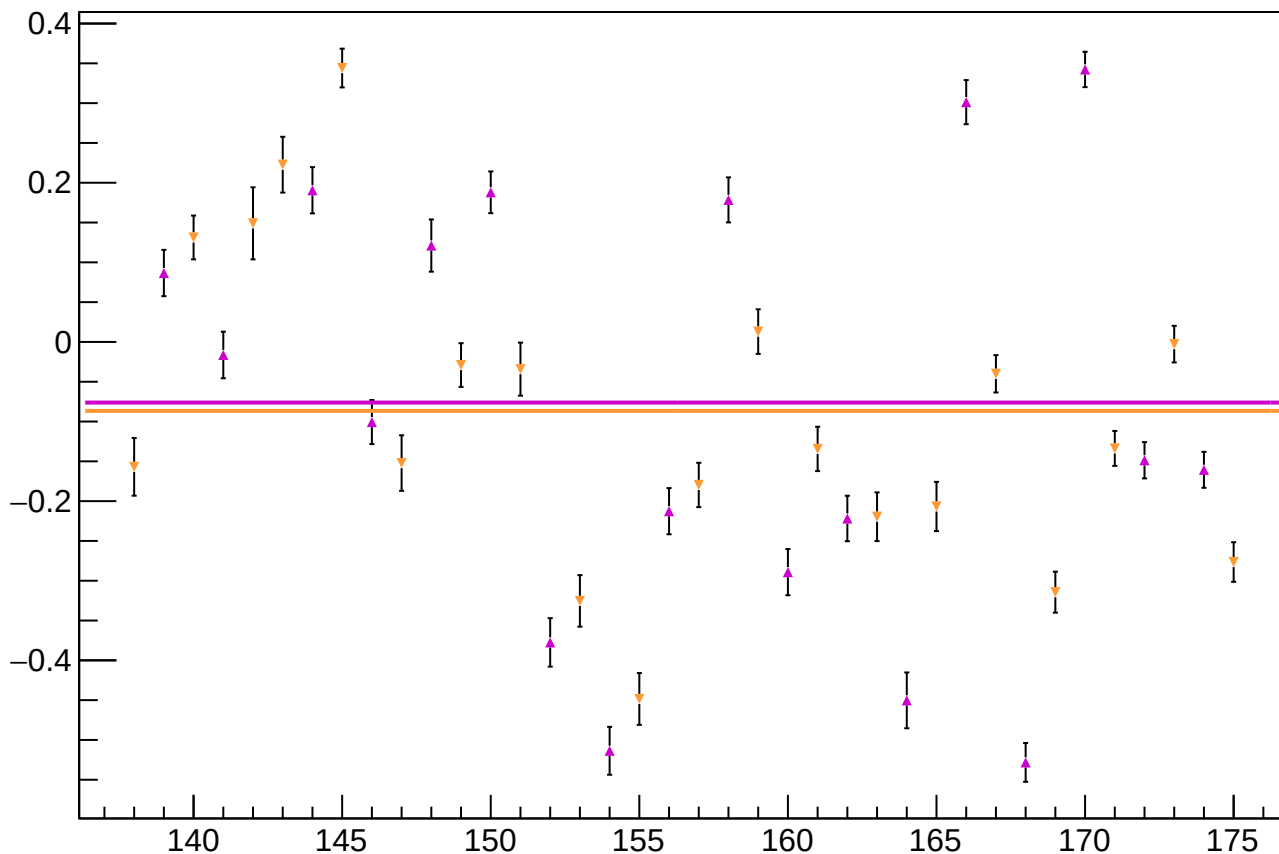
Left In: 81.377+/-0.142 χ^2/NDF : 2195.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.655+/-0.098 χ^2/NDF : 5390.5/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.087 $\pm$ 0.006 χ^2 /NDF:892.0/19

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

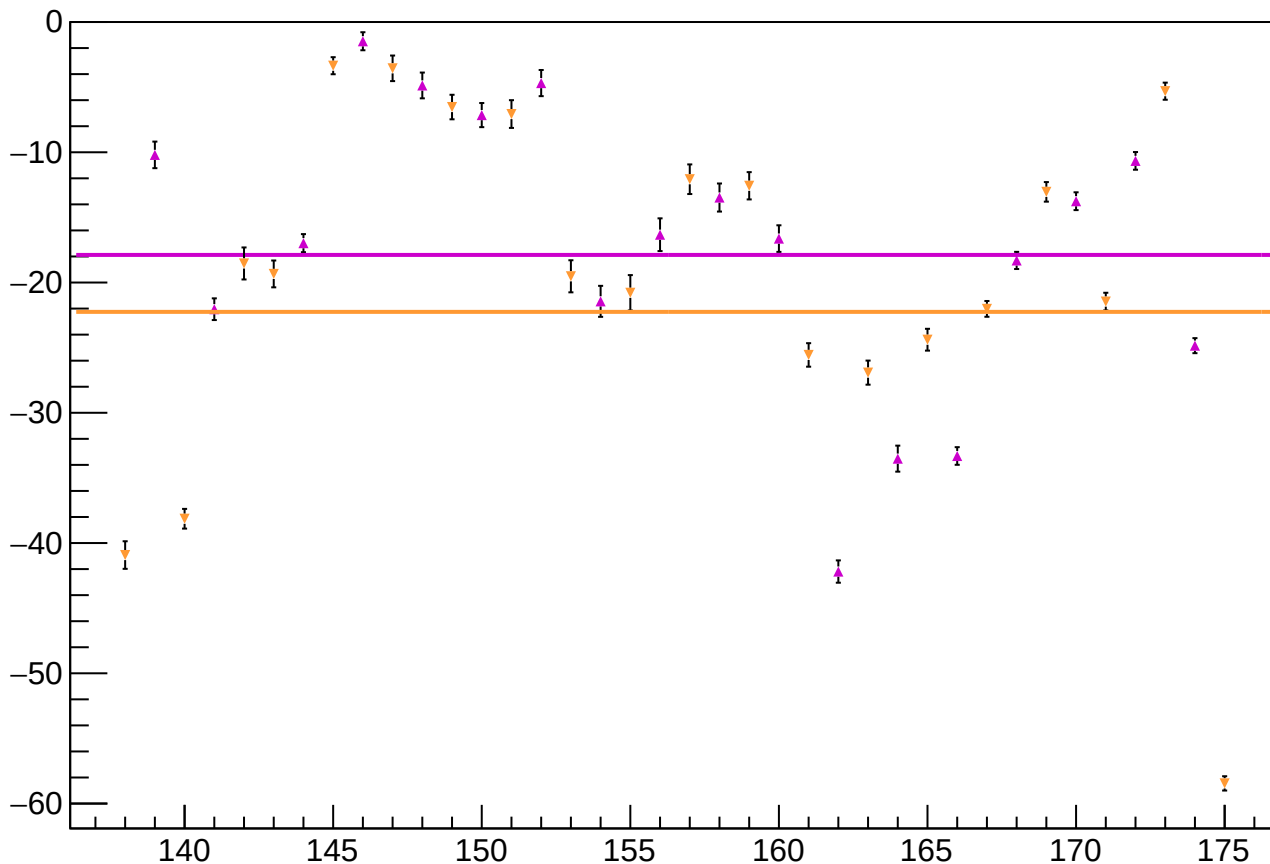
Left In: -0.076 $\pm$ 0.006 χ^2 /NDF:1772.6/17

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

All: -0.081 $\pm$ 0.005 χ^2 /NDF: 2666.0/37

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

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -22.252+/-0.187 χ^2/NDF : 7827.9/19

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

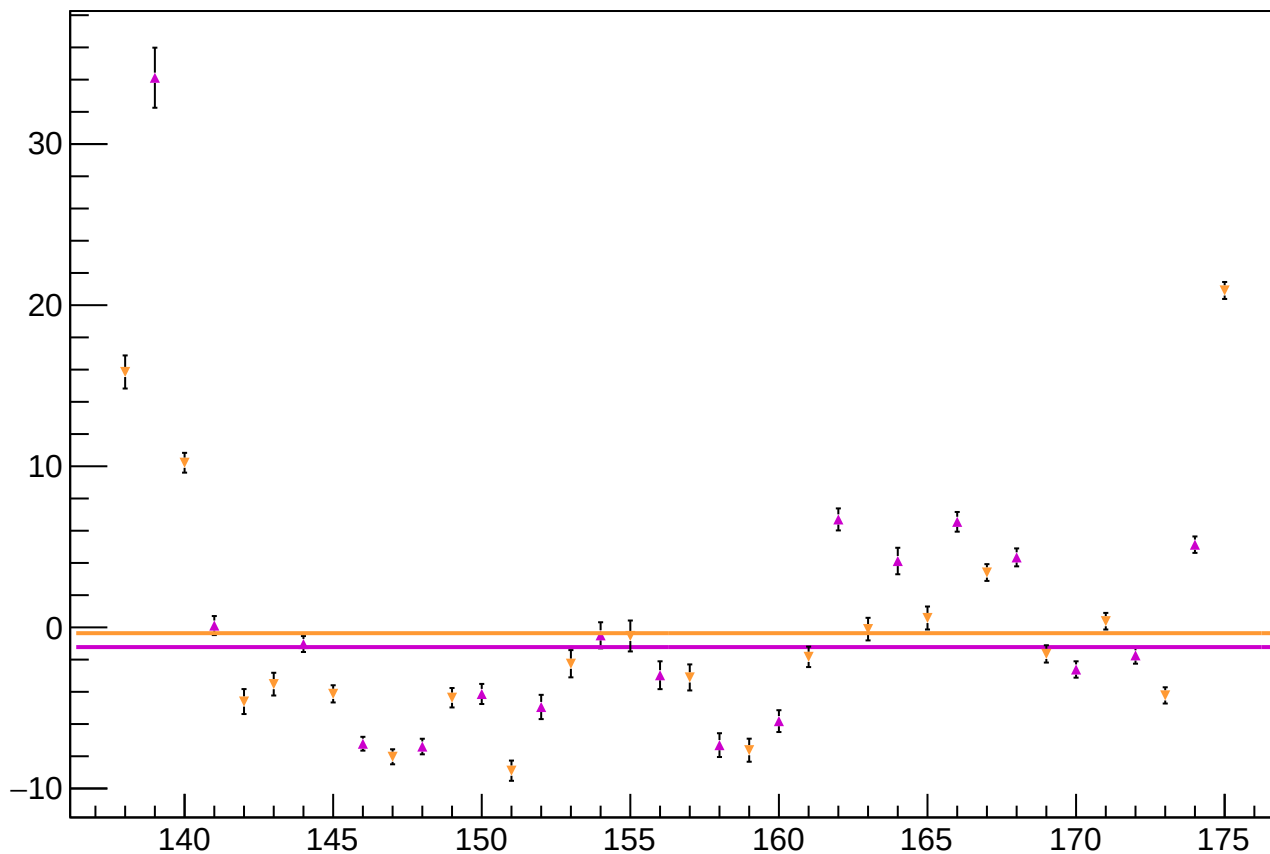
Left In: -17.881+/-0.192 χ^2/NDF : 3018.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.128+/-0.134 χ^2/NDF : 11112.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

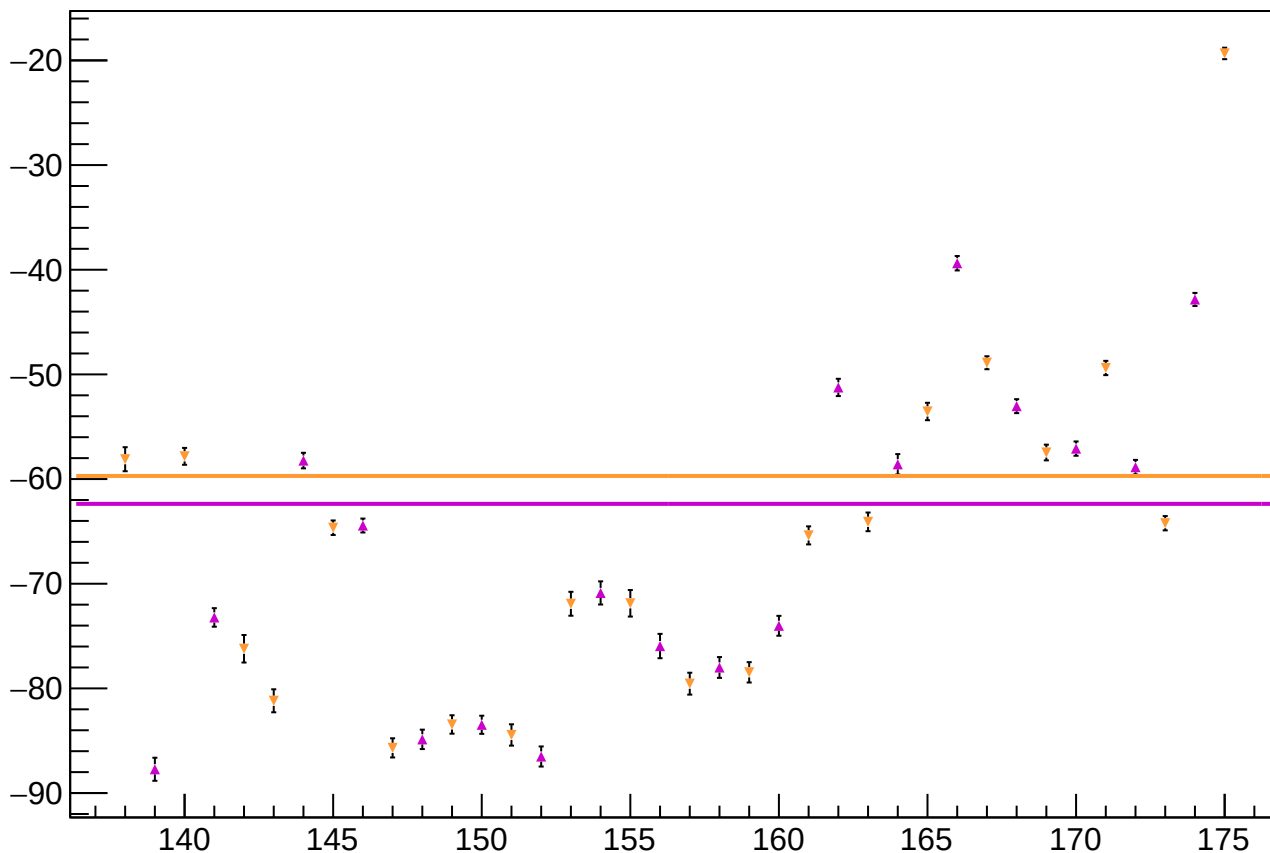
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.360+/-0.139 χ^2/NDF : 3022.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.223+/-0.143 χ^2/NDF : 1490.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.781+/-0.100 χ^2/NDF : 4532.1/37
 - 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: -59.703+/-0.187 χ^2/NDF : 9751.3/19

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

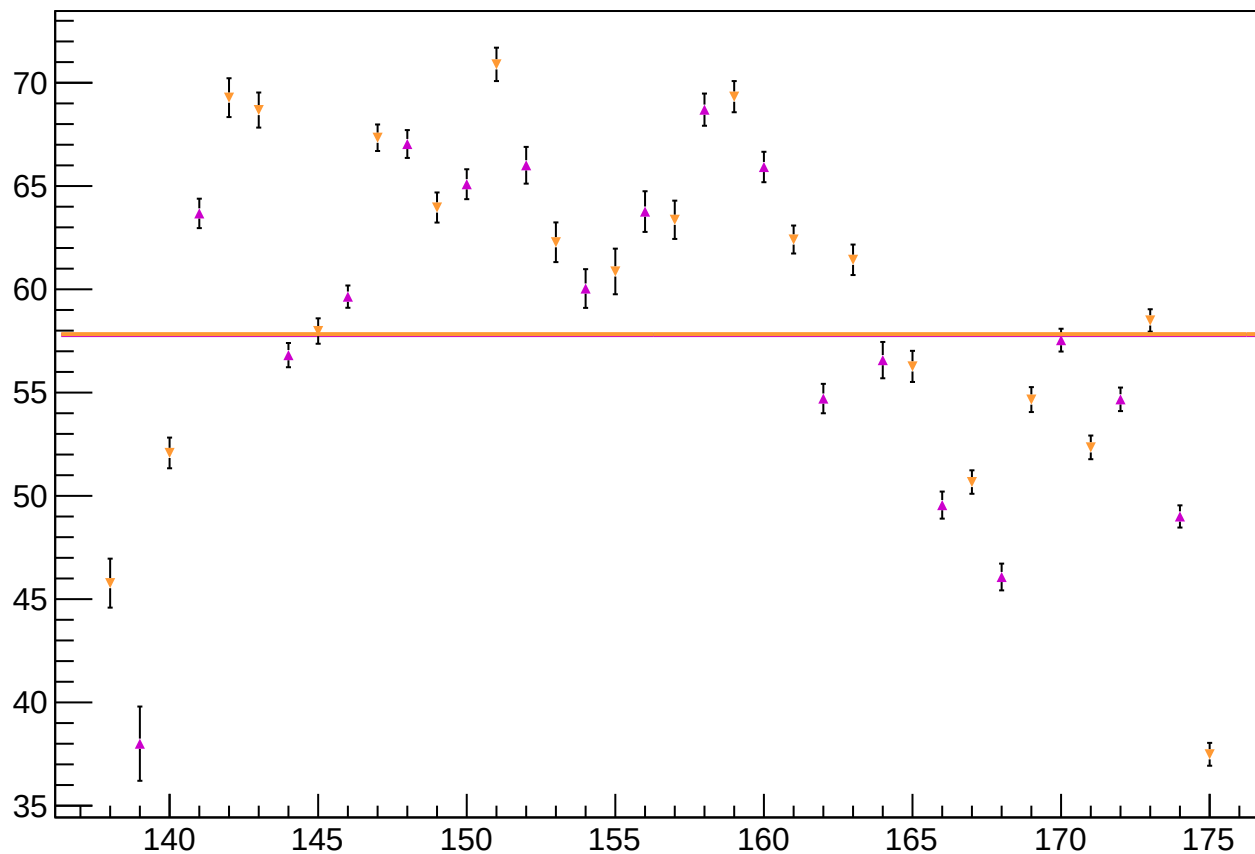
Left In: -62.370+/-0.192 χ^2/NDF : 5689.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.000+/-0.134 χ^2/NDF : 15540.0/37

- 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: 57.830+/-0.159 χ^2/NDF : 3027.3/19

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

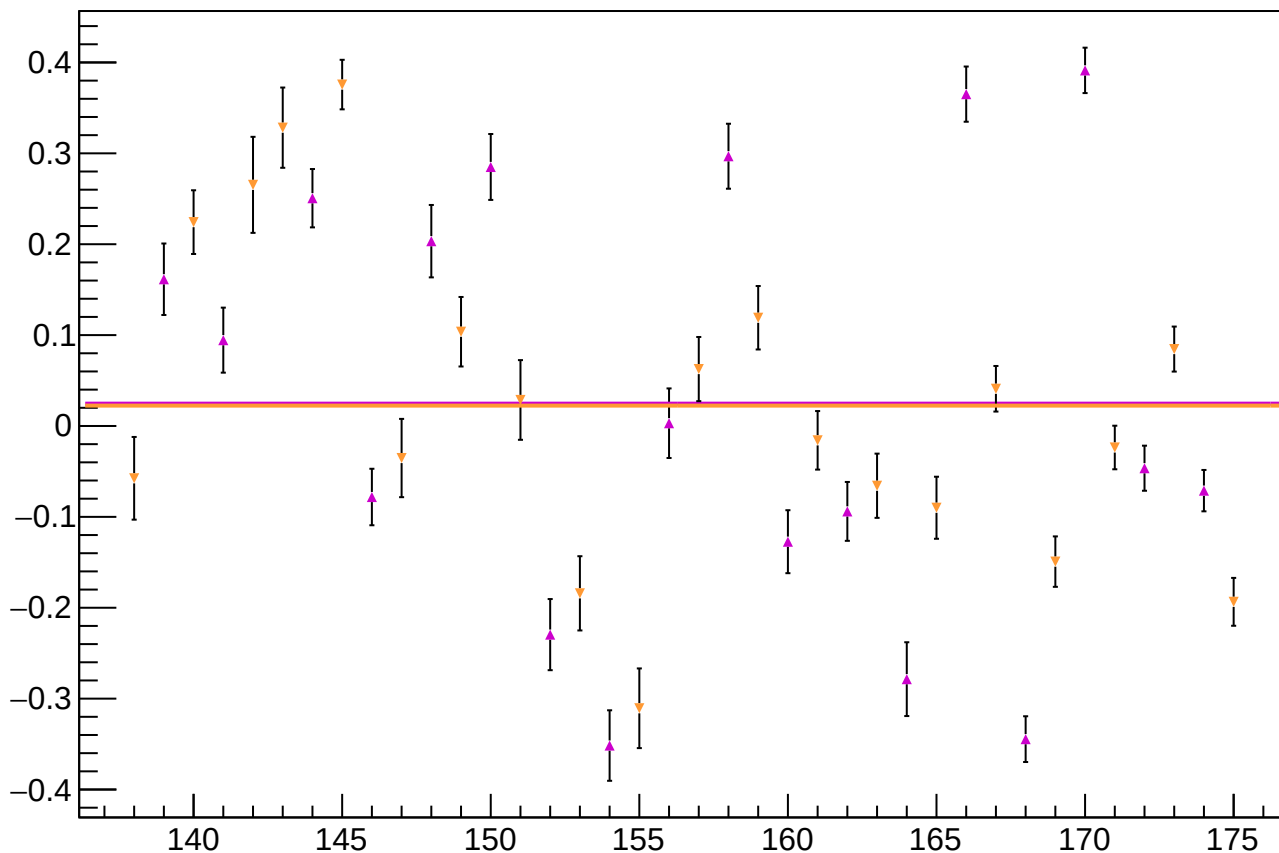
Left In: 57.784+/-0.163 χ^2/NDF : 1742.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.808+/-0.114 χ^2/NDF : 4769.8/37

- 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: 0.022 $\pm$ 0.007 χ^2 /NDF:506.5/19

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

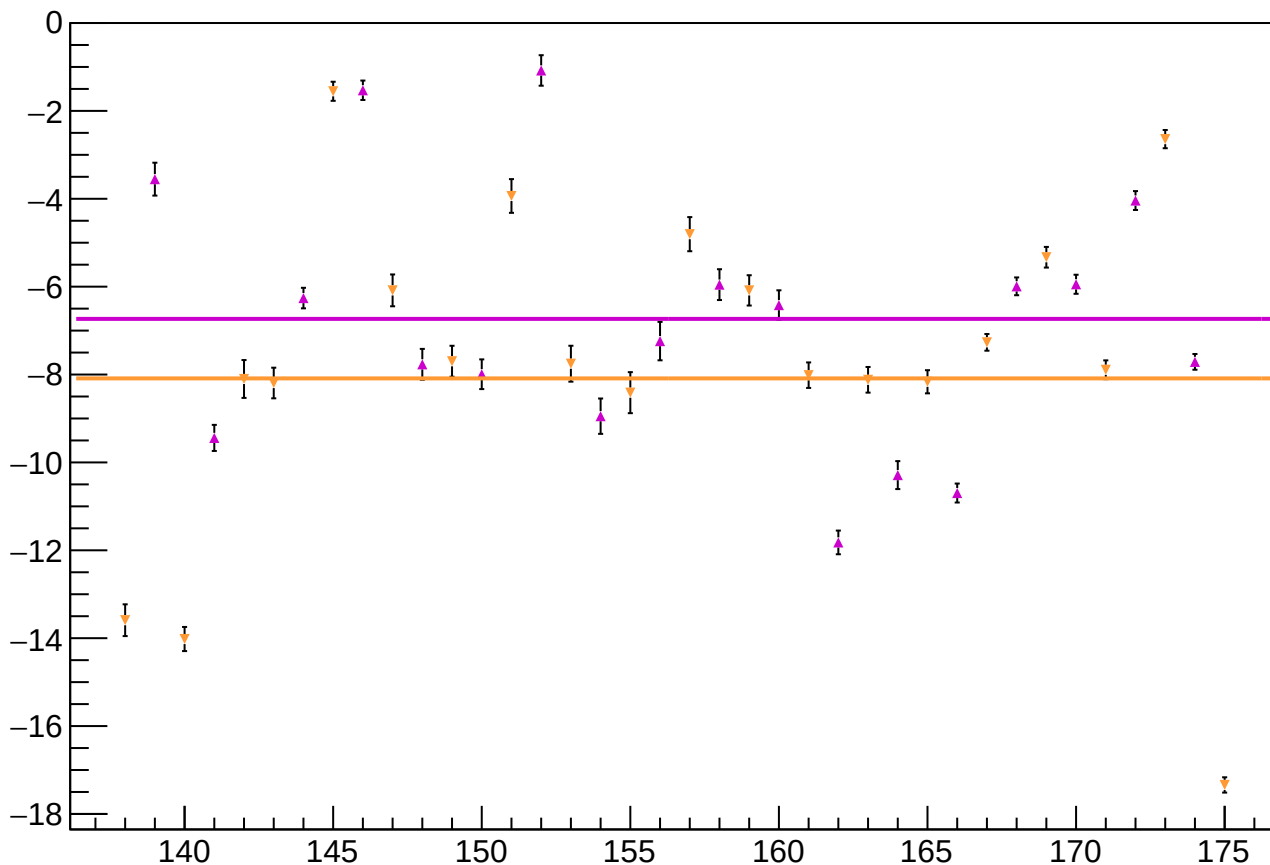
Left In: 0.025 $\pm$ 0.007 χ^2 /NDF:1013.2/17

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

All: 0.023 $\pm$ 0.005 χ^2 /NDF: 1519.7/37

- 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: -8.088+/-0.061 χ^2/NDF : 5533.8/19

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

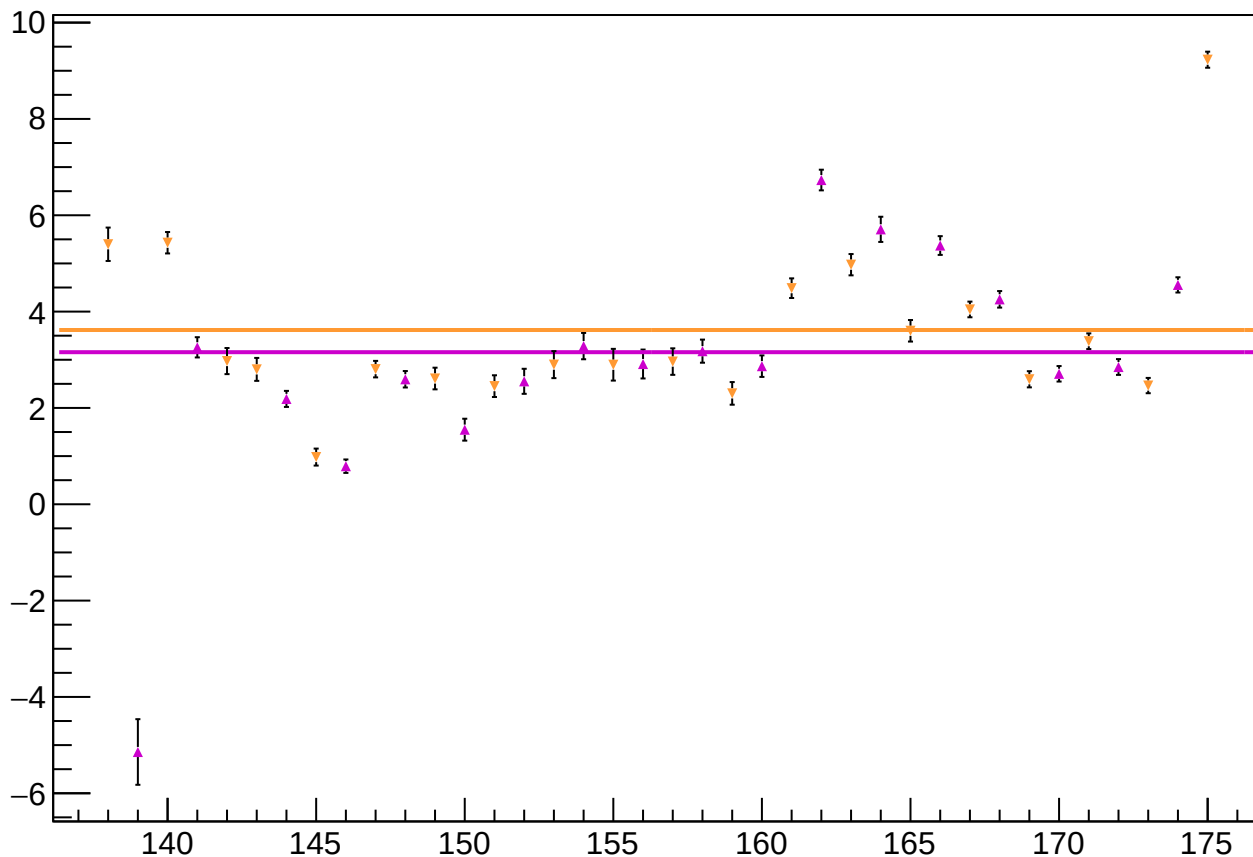
Left In: -6.733+/-0.063 χ^2/NDF : 2072.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.425+/-0.044 χ^2/NDF : 7844.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

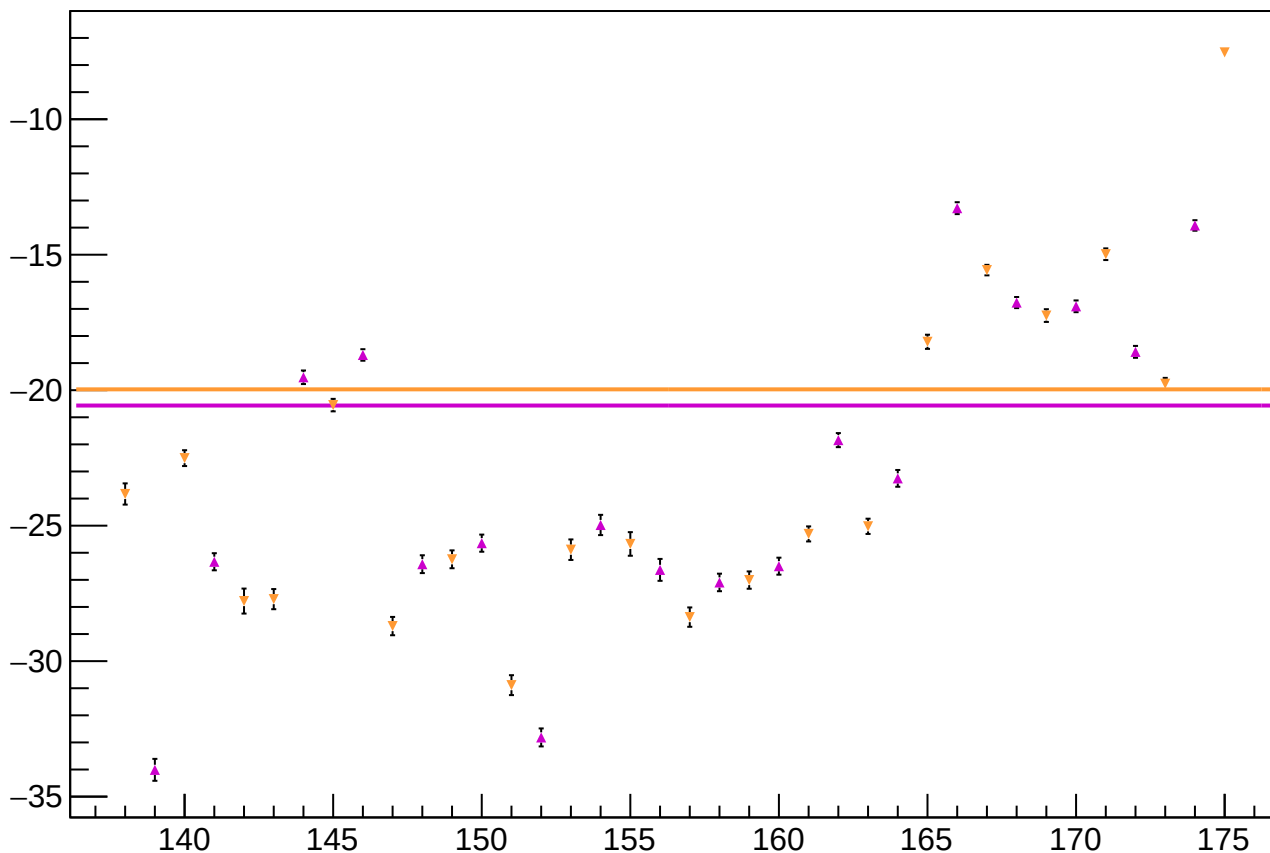
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 3.618 ± 0.046 $\chi^2/\text{NDF}: 1738.6/19$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 3.157 ± 0.047 $\chi^2/\text{NDF}: 1171.4/17$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 3.391 ± 0.033 $\chi^2/\text{NDF}: 2959.0/37$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -19.969+/-0.061 χ^2/NDF : 11269.1/19

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

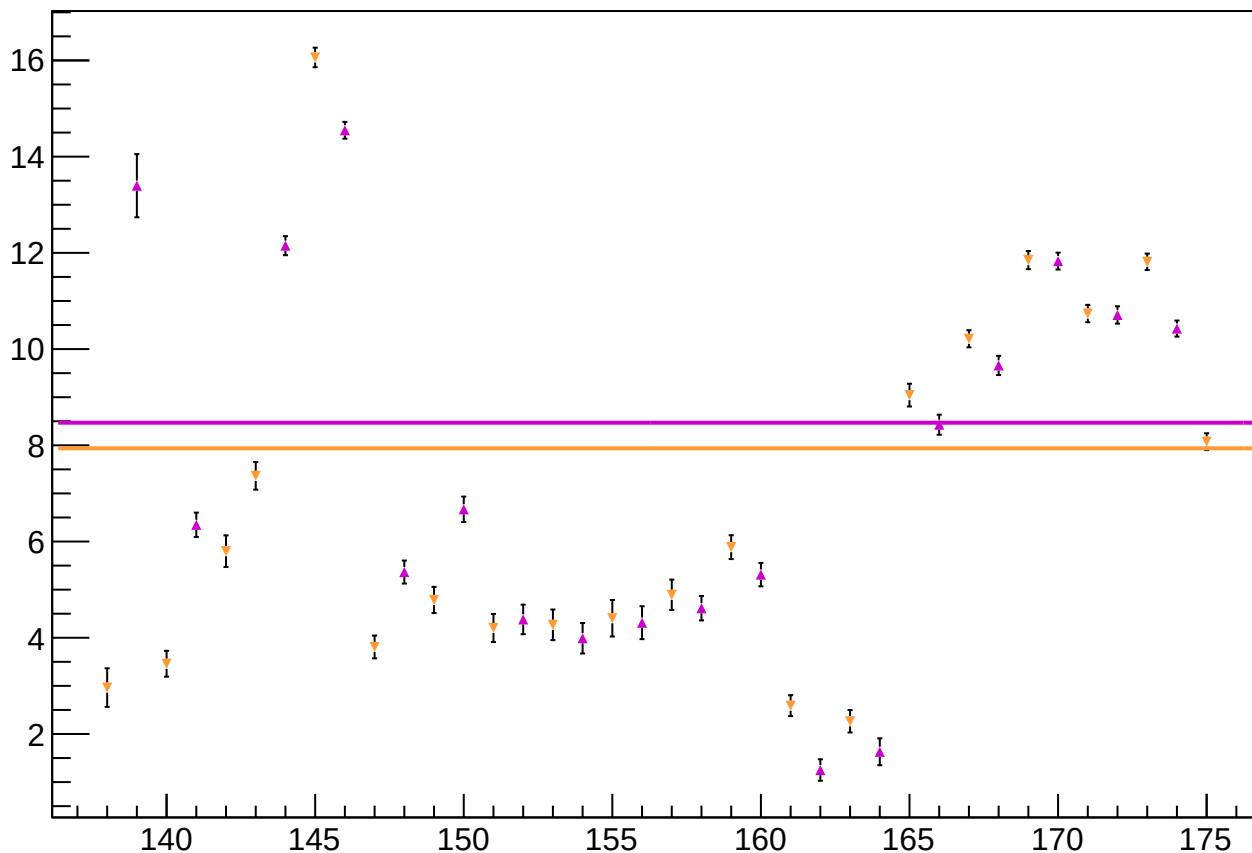
Left In: -20.566+/-0.063 χ^2/NDF : 7674.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.261+/-0.044 χ^2/NDF : 18989.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 7.937+/-0.052 χ^2/NDF : 5625.1/19

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

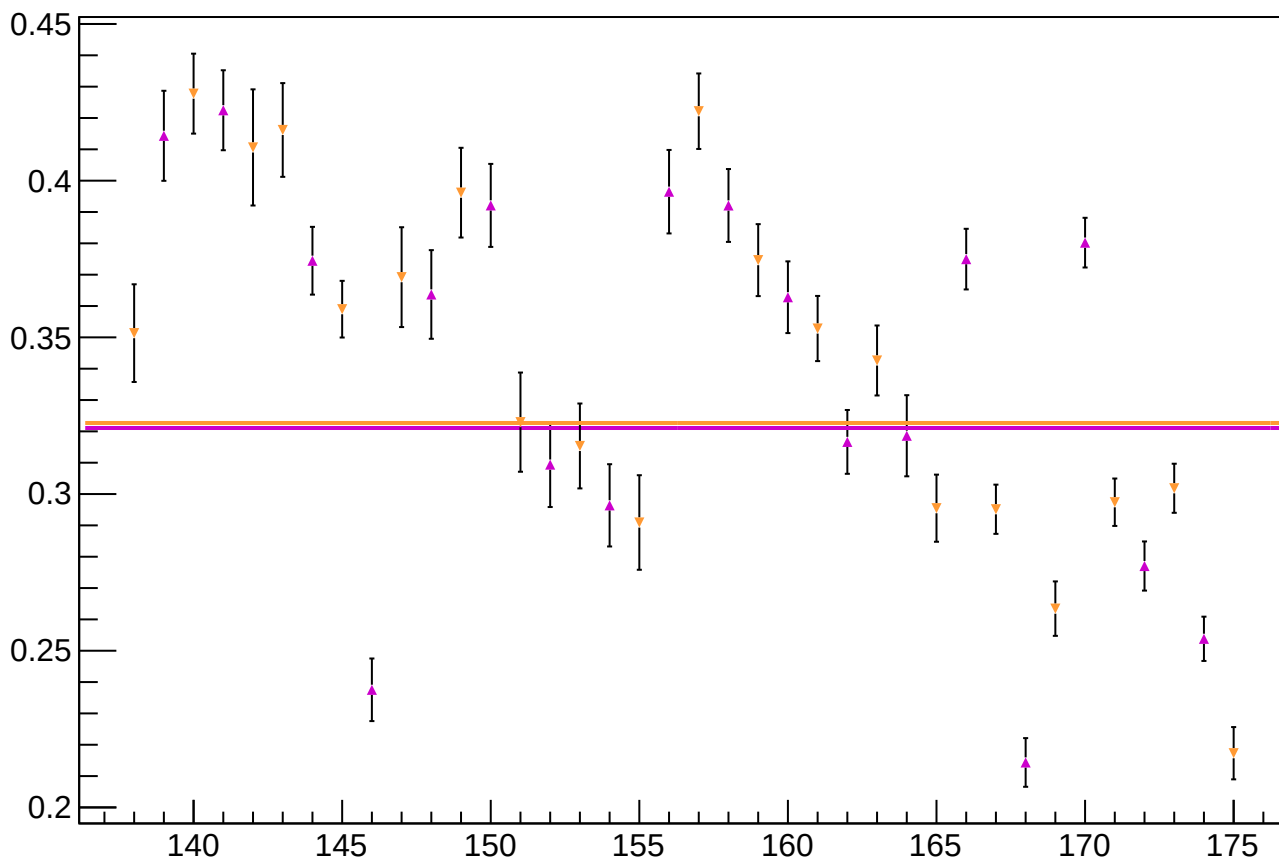
Left In: 8.470+/-0.053 χ^2/NDF : 5158.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.197+/-0.037 χ^2/NDF : 10834.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.323 $\pm$ 0.002 χ^2 /NDF:531.9/19

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

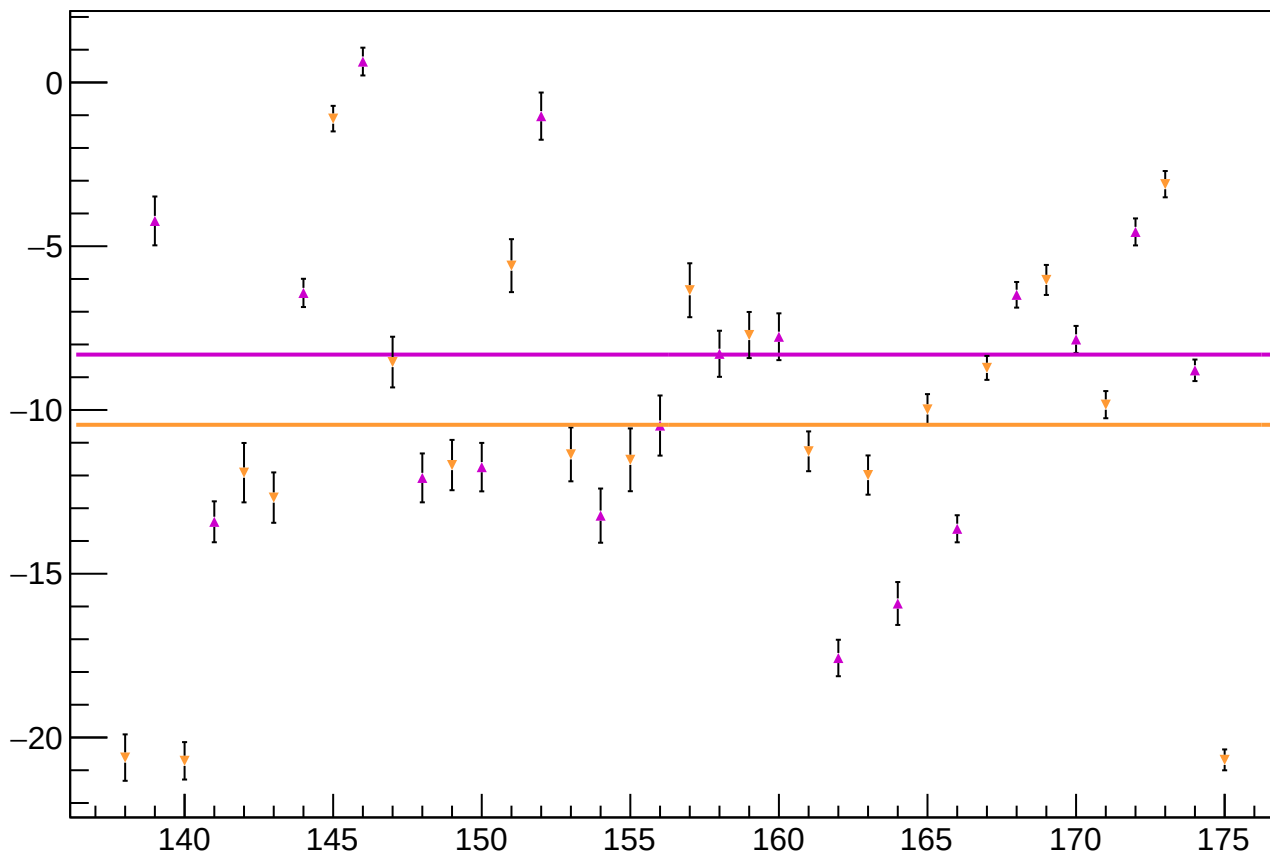
Left In: 0.321 $\pm$ 0.002 χ^2 /NDF:722.2/17

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

All: 0.322 $\pm$ 0.002 χ^2 /NDF: 1254.3/37

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.452+/-0.120 χ^2/NDF : 2693.4/19

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

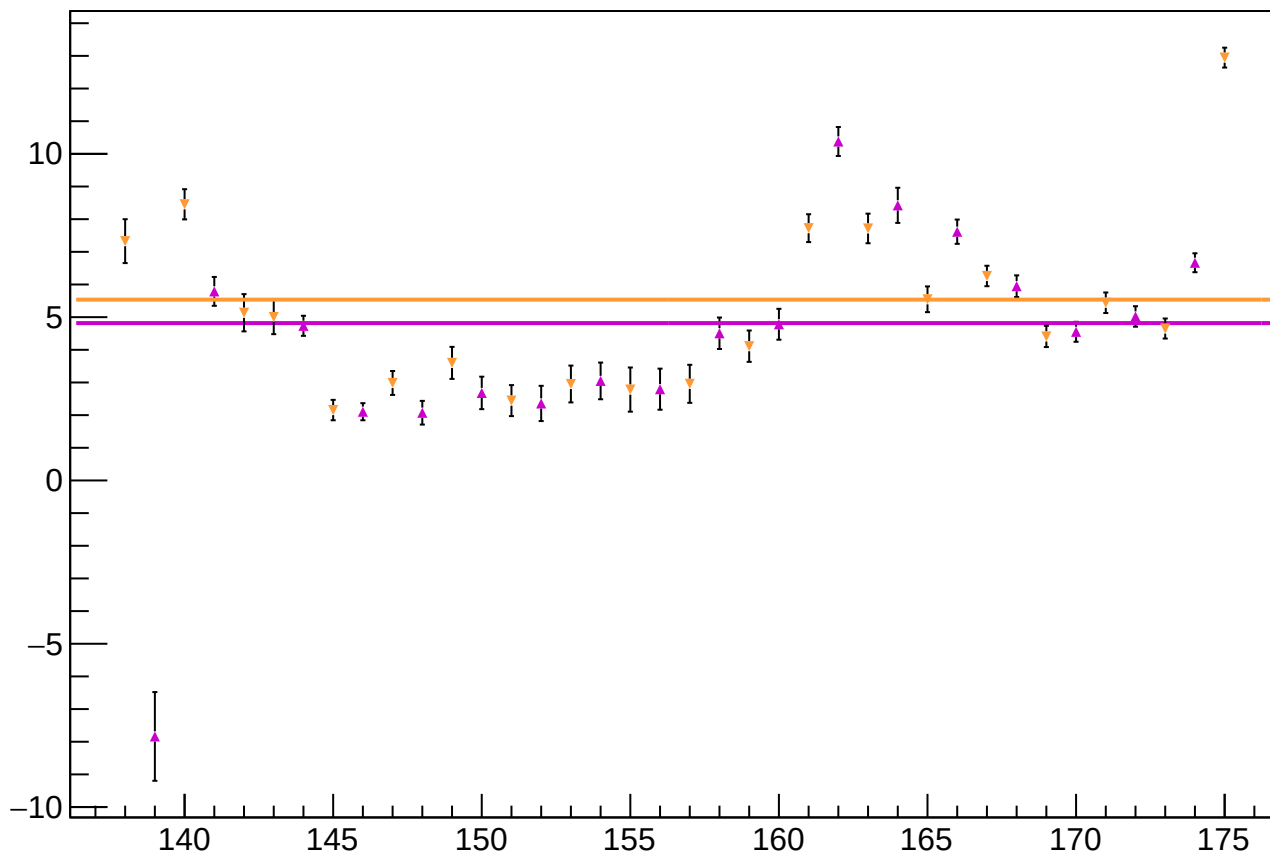
Left In: -8.309+/-0.123 χ^2/NDF : 1435.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.406+/-0.086 χ^2/NDF : 4285.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 5.537 $\pm$ 0.091 χ^2 /NDF:1005.7/19

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

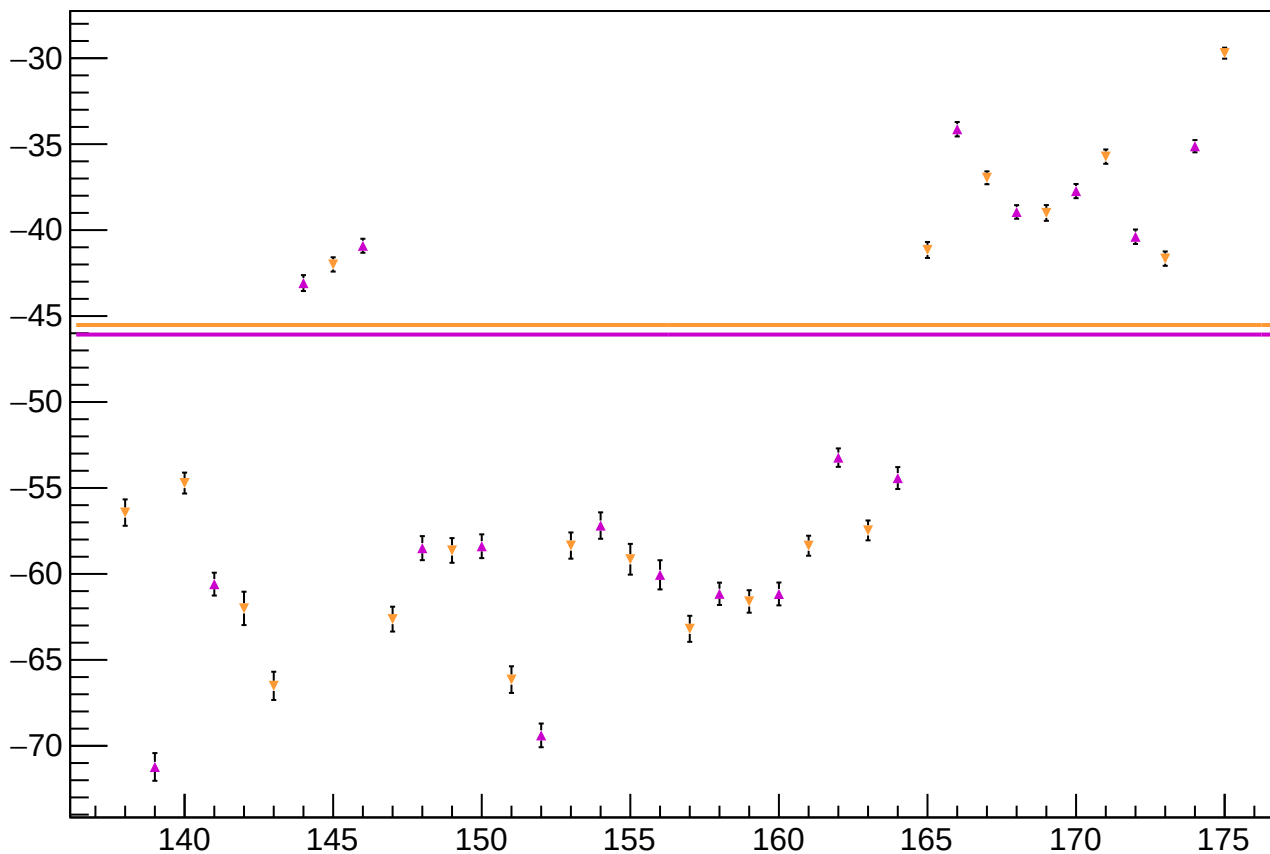
Left In: 4.819 $\pm$ 0.092 χ^2 /NDF:628.6/17

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

All: 5.181 $\pm$ 0.065 χ^2 /NDF: 1665.0/37

- 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: -45.521+/-0.120 χ^2/NDF : 9523.5/19

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

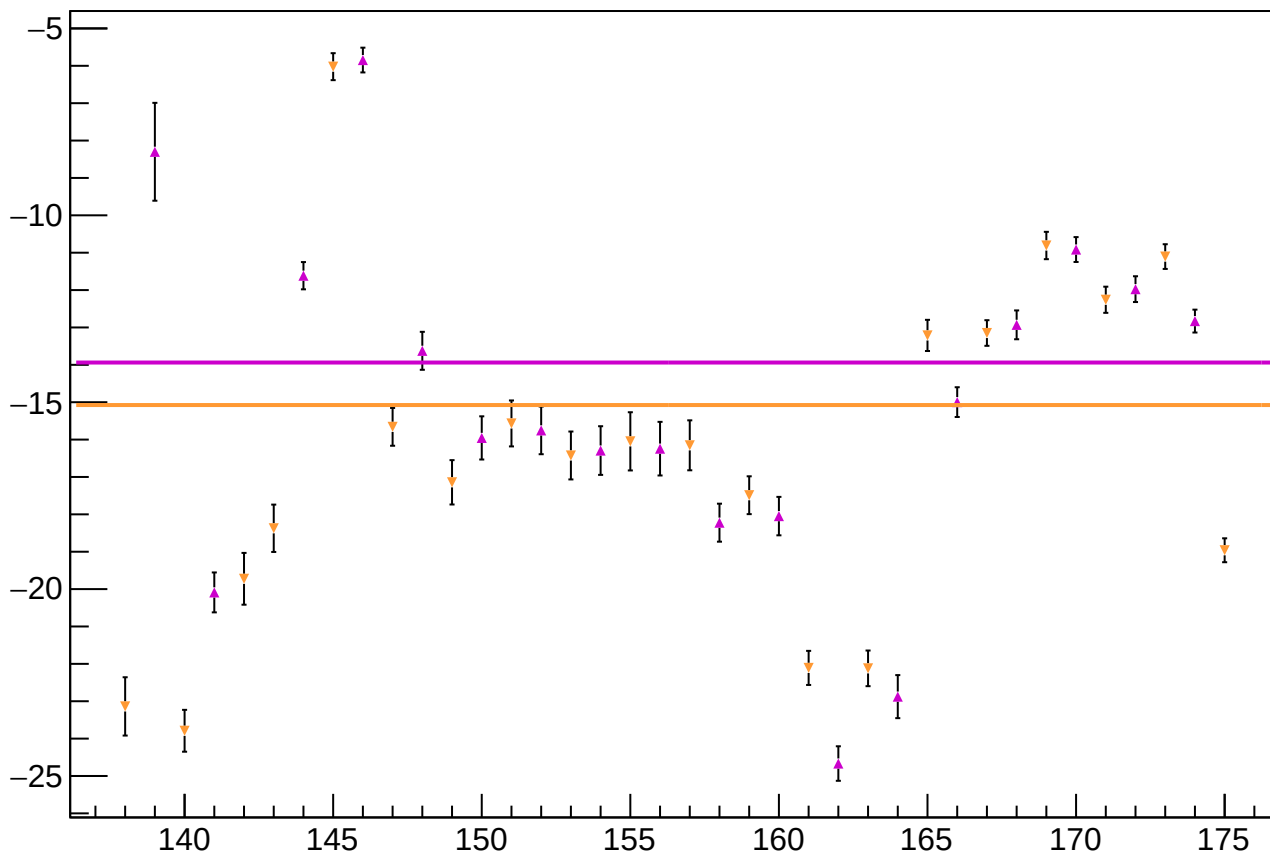
Left In: -46.076+/-0.123 χ^2/NDF : 7977.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.792+/-0.086 χ^2/NDF : 17511.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -15.076 ± 0.103 χ^2/NDF : 2096.3/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

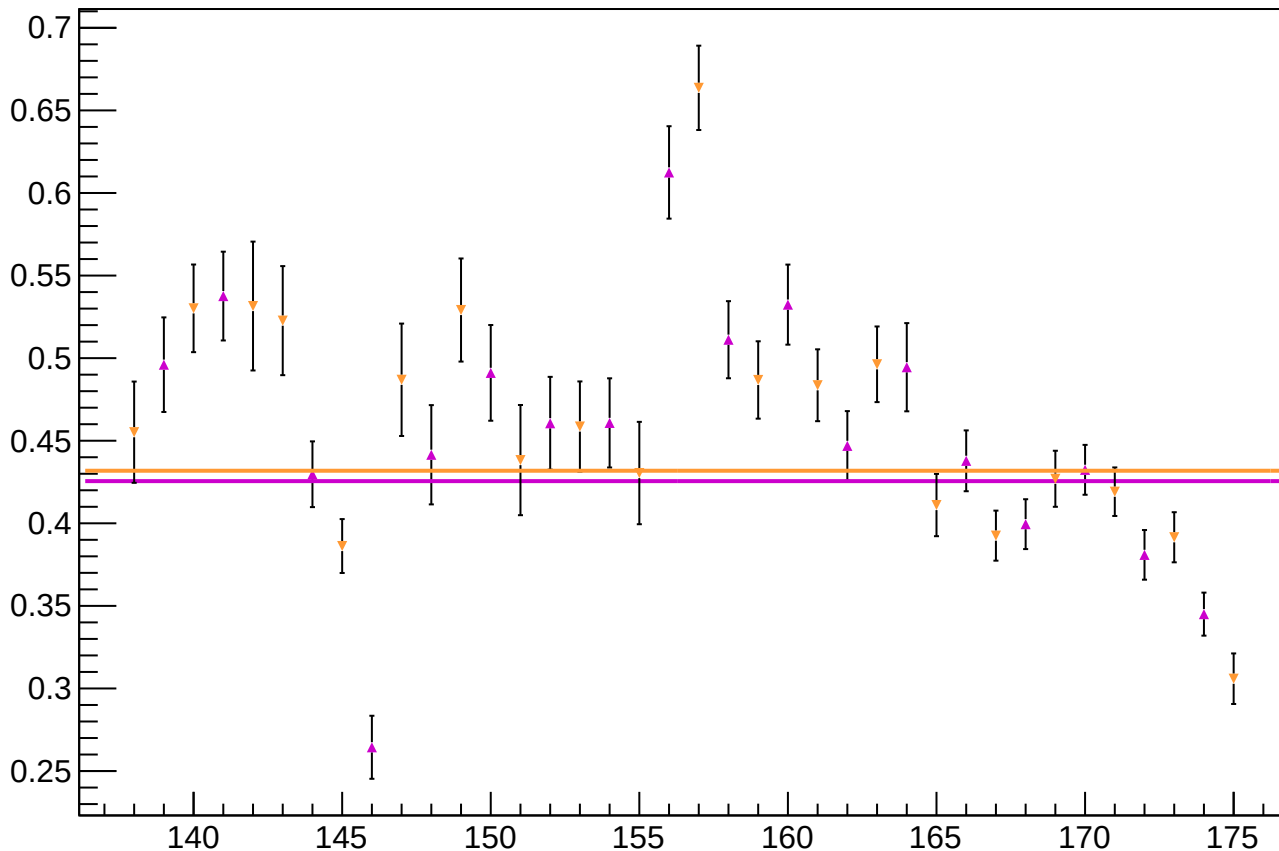
Left In: -13.938 ± 0.105 χ^2/NDF : 1890.6/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.519 ± 0.073 χ^2/NDF : 4046.9/37

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

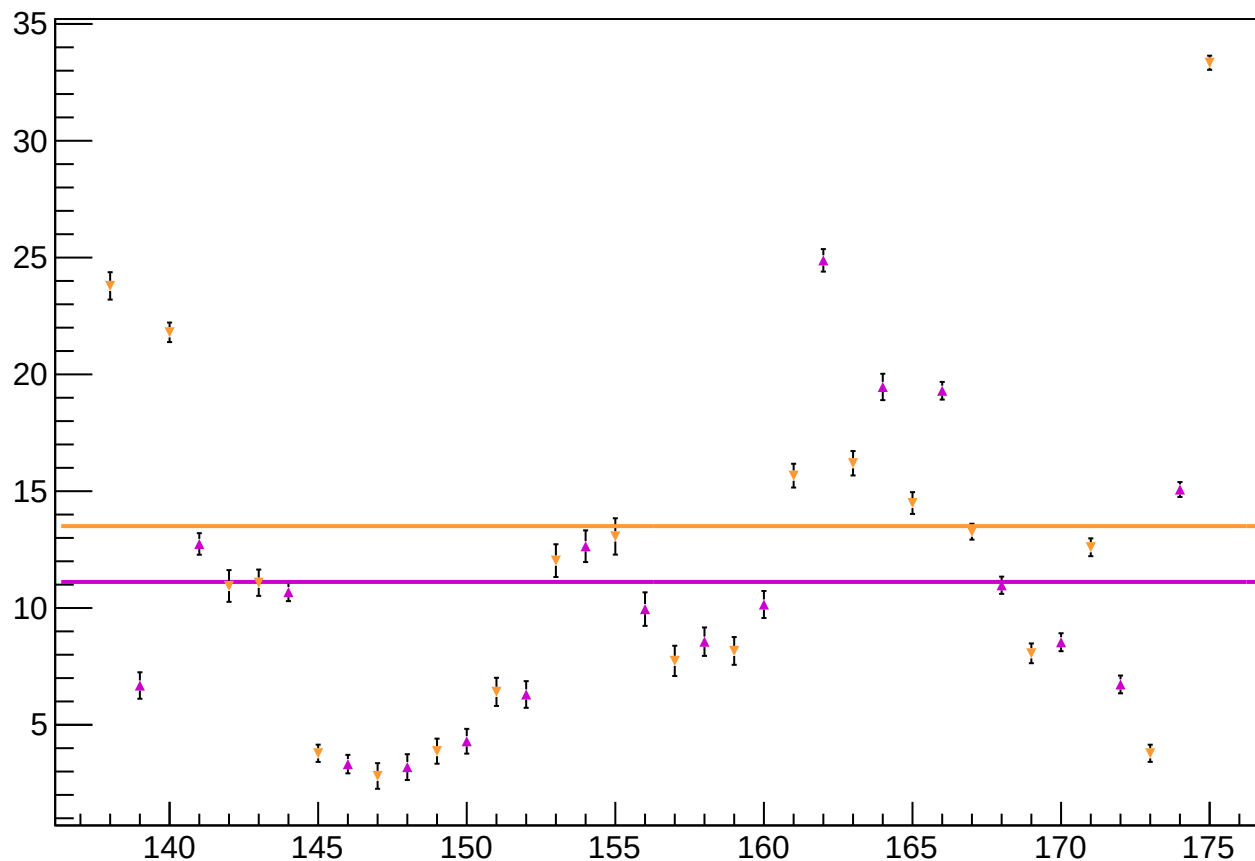
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.432 $\pm$ 0.005 χ^2 /NDF:234.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.426 $\pm$ 0.005 χ^2 /NDF:239.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.429 $\pm$ 0.003 χ^2 /NDF: 474.8/37
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 13.505+/-0.105 χ^2/NDF : 7641.8/19

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

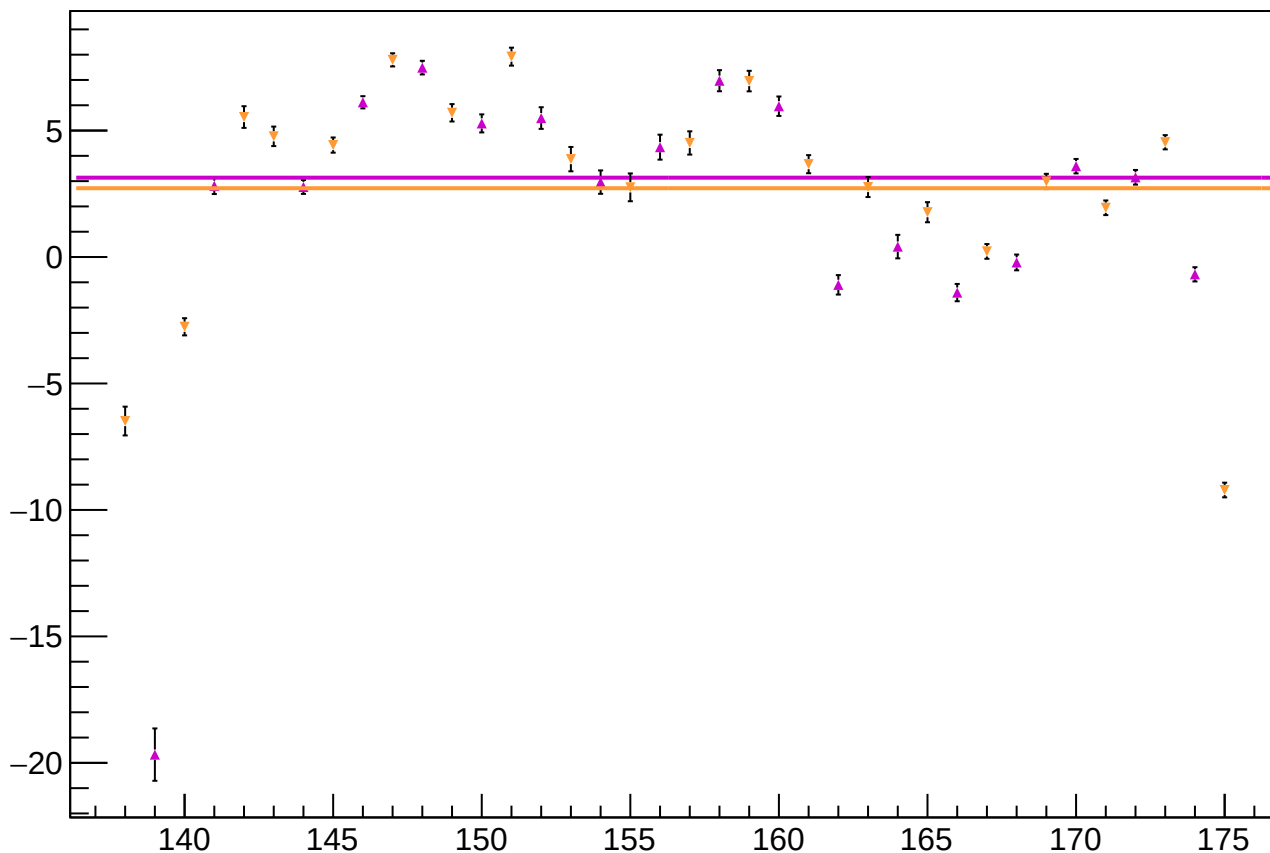
Left In: 11.116+/-0.108 χ^2/NDF : 2767.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.346+/-0.075 χ^2/NDF : 10661.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 2.720+/-0.078 χ^2/NDF : 3247.7/19

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

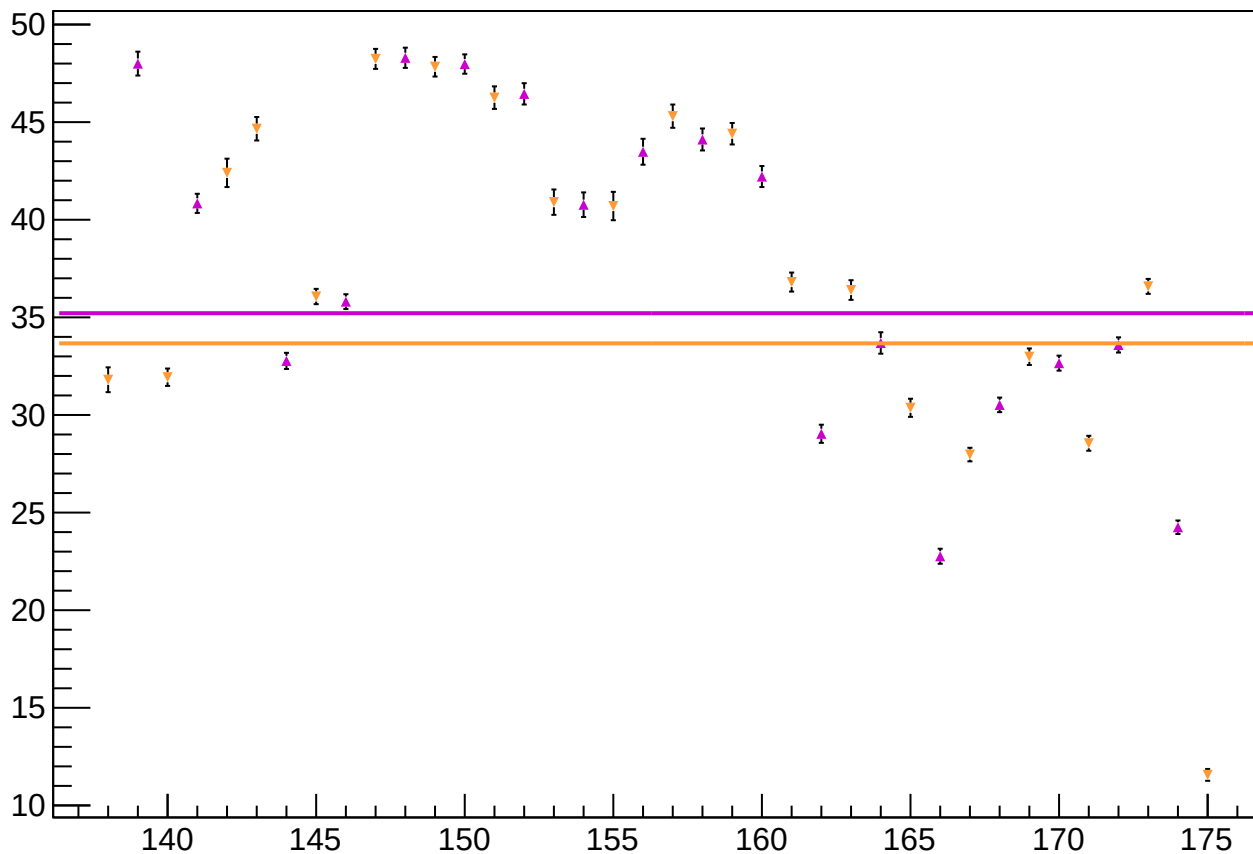
Left In: 3.137+/-0.080 χ^2/NDF : 1747.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.923+/-0.056 χ^2/NDF : 5008.6/37

- 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: 33.669+/-0.105 χ^2/NDF : 9536.4/19

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

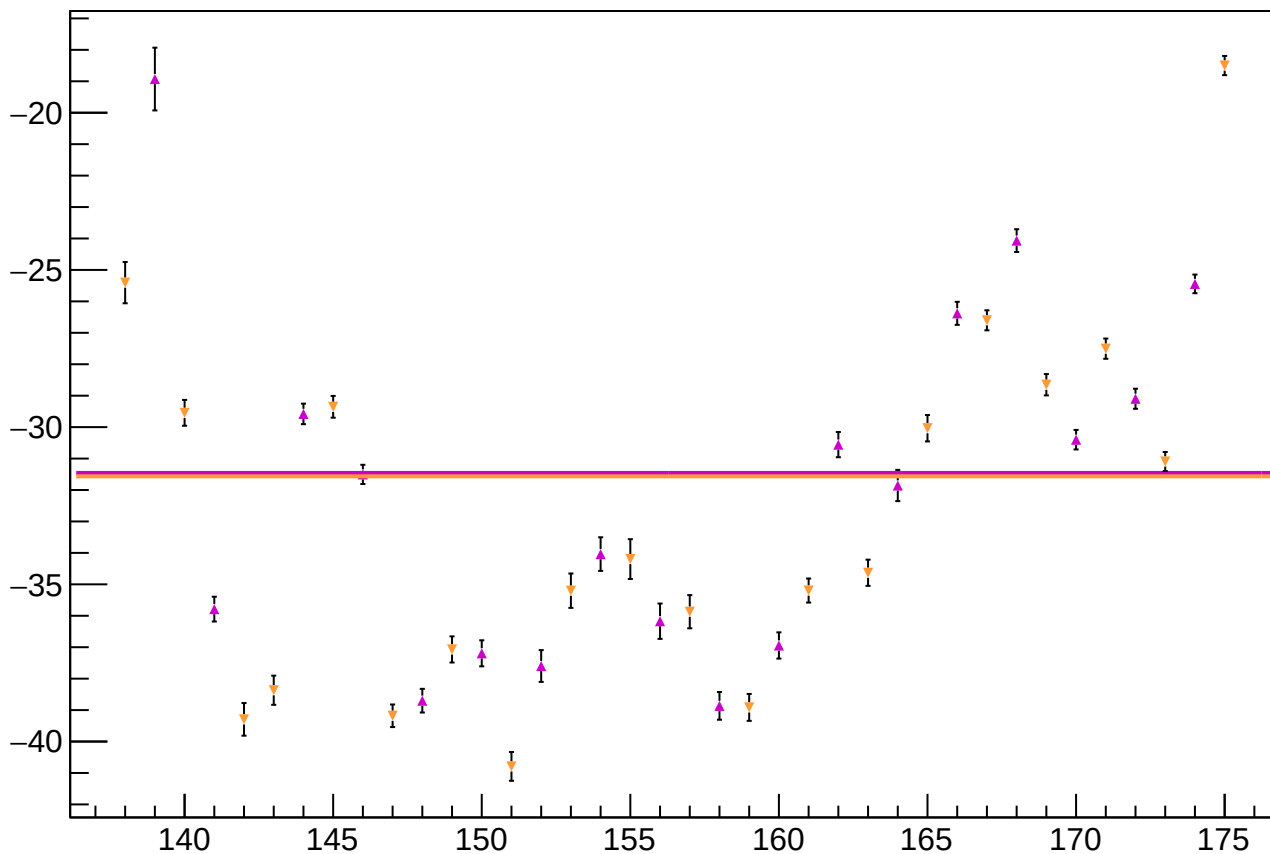
Left In: 35.213+/-0.108 χ^2/NDF : 5435.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.418+/-0.075 χ^2/NDF : 15076.9/37

- 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: -31.565+/-0.089 χ^2/NDF : 4513.5/19

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

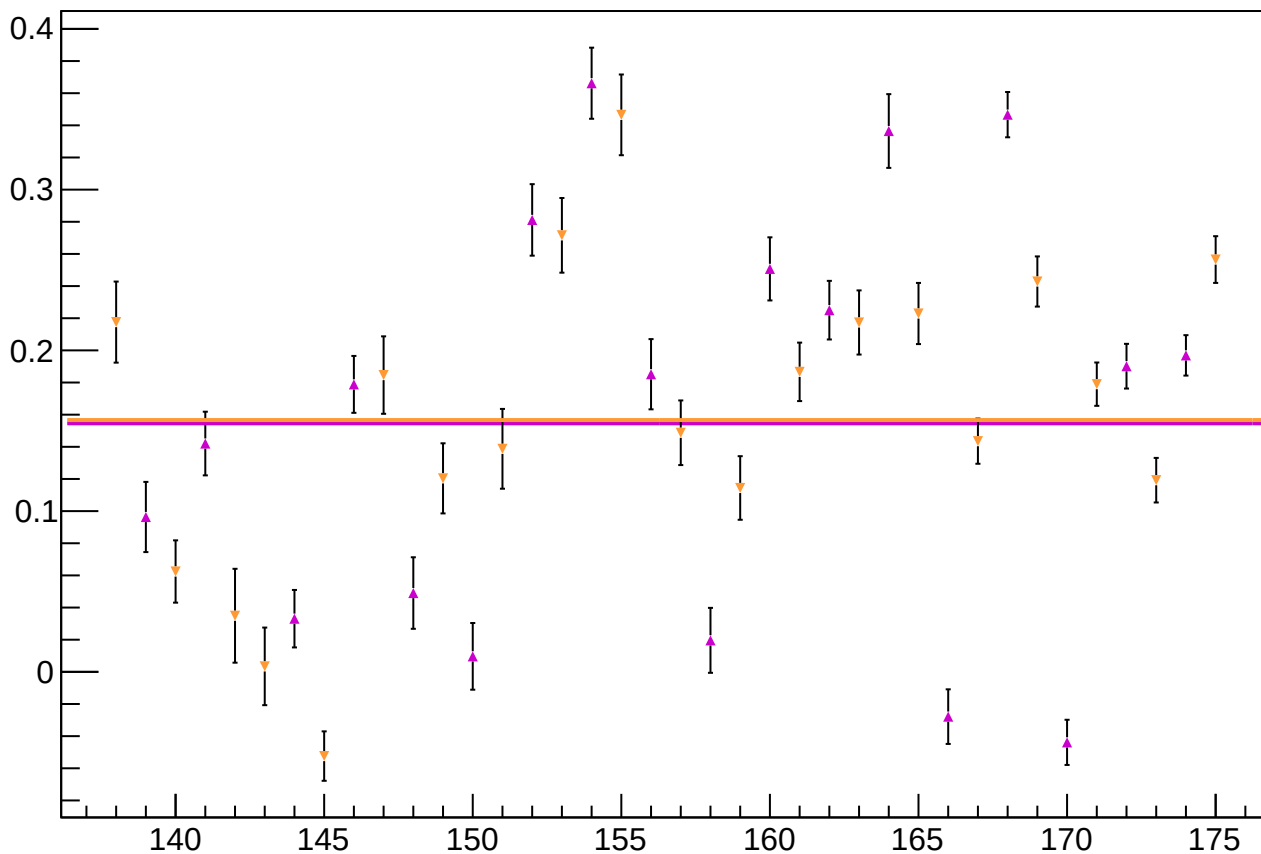
Left In: -31.457+/-0.092 χ^2/NDF : 2660.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.512+/-0.064 χ^2/NDF : 7174.6/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

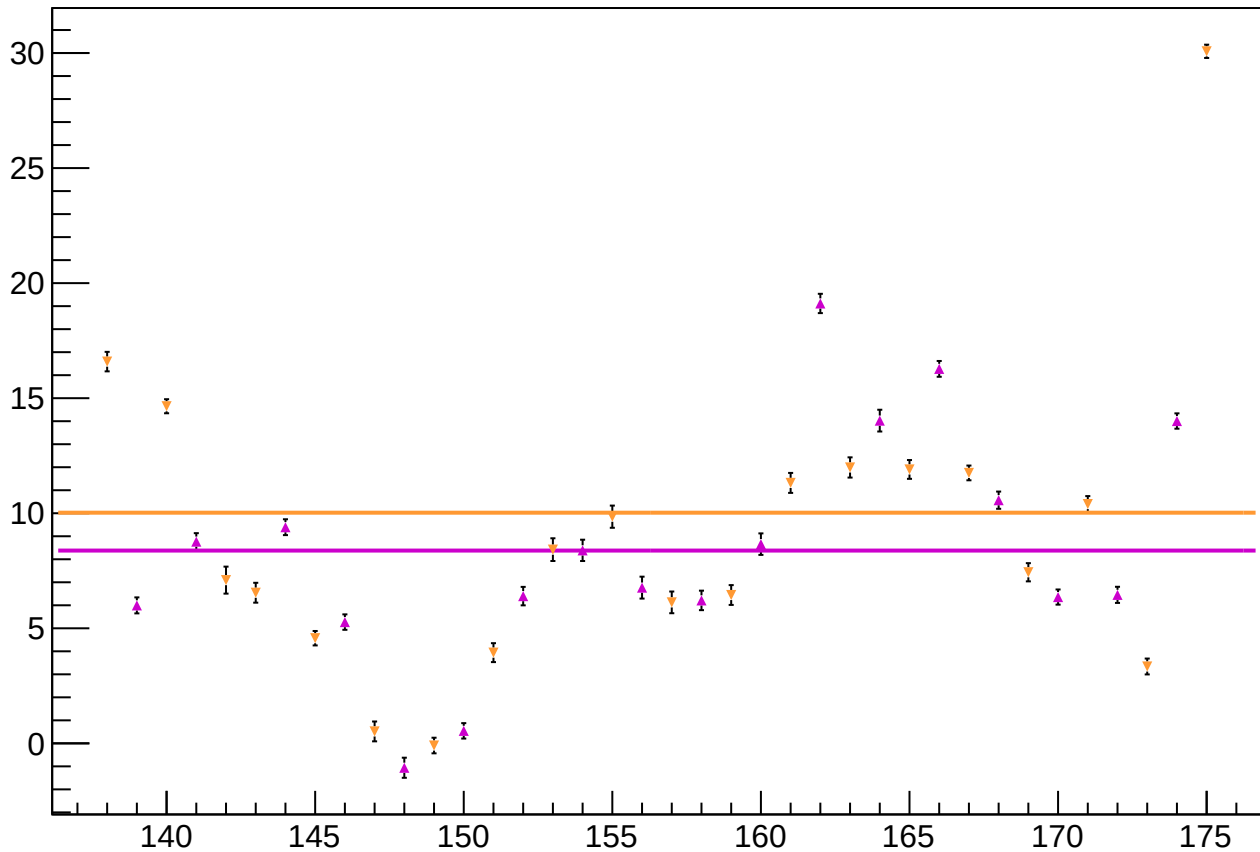
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.157 $\pm$ 0.004 χ^2 /NDF:475.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.155 $\pm$ 0.004 χ^2 /NDF:917.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.156 $\pm$ 0.003 χ^2 /NDF: 1393.1/37
 - 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: 10.024+/-0.086 χ^2/NDF : 7916.6/19

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

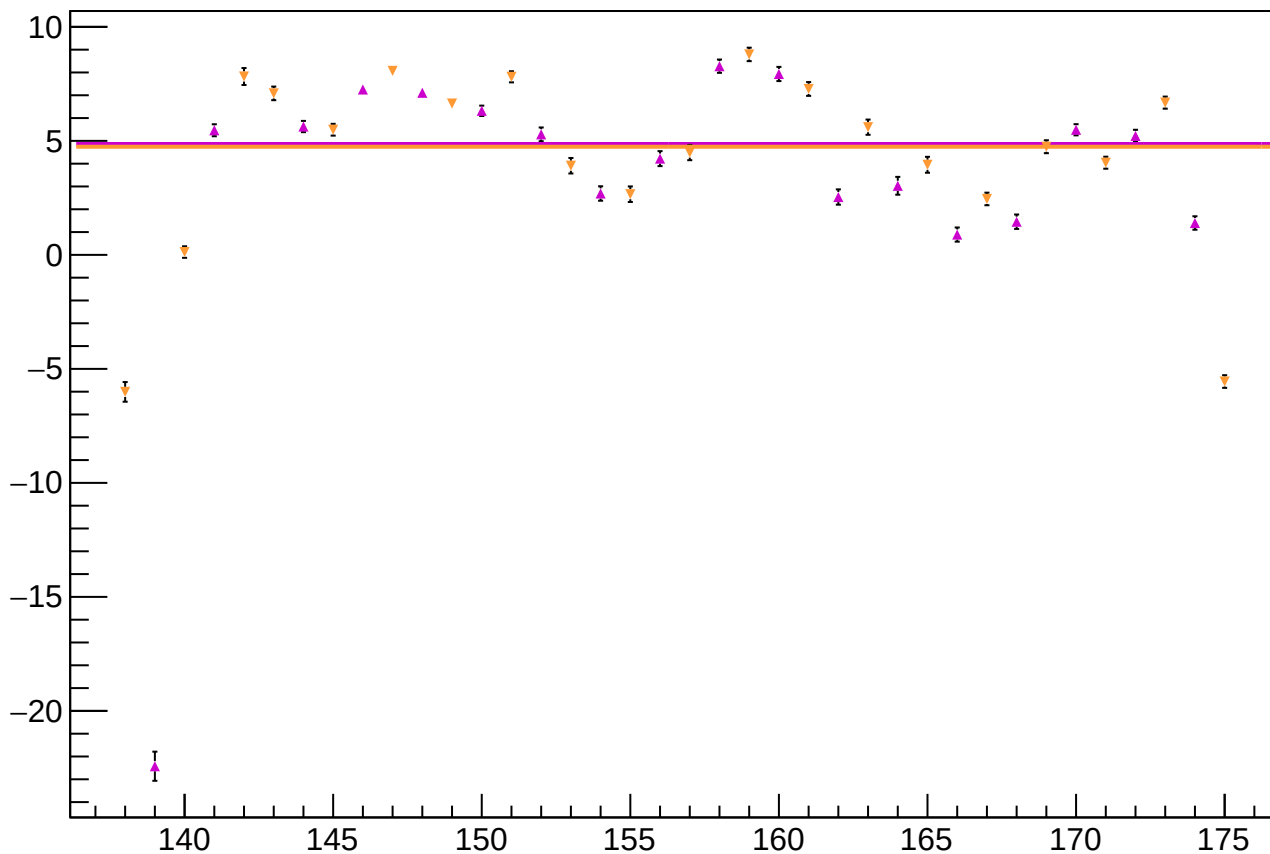
Left In: 8.378+/-0.090 χ^2/NDF : 2933.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.232+/-0.062 χ^2/NDF : 11025.5/37

- 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: 4.743 $\pm$ 0.063 χ^2 /NDF:3400.0/19

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

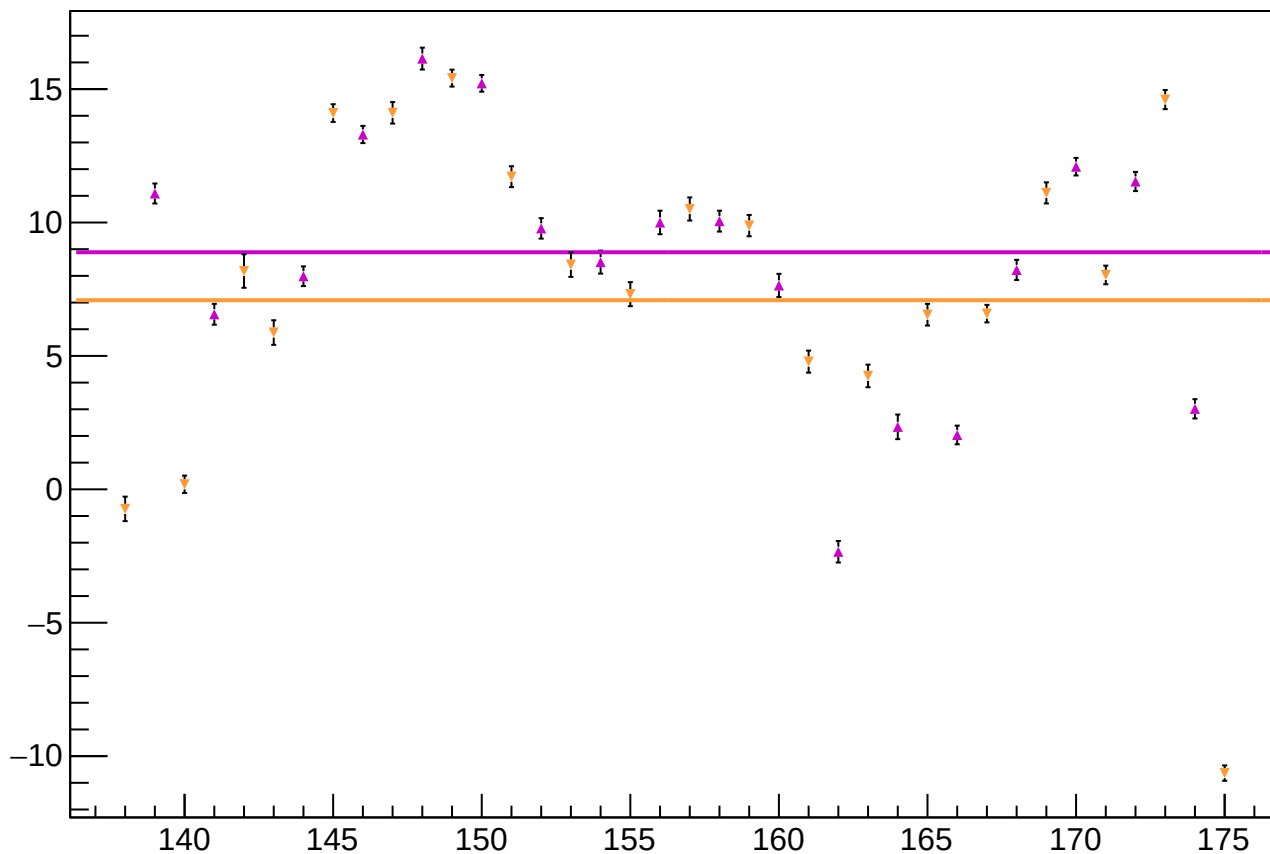
Left In: 4.863 $\pm$ 0.067 χ^2 /NDF:2896.7/17

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

All: 4.800 $\pm$ 0.046 χ^2 /NDF: 6298.4/37

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 7.088 $\pm$ 0.086 χ^2 /NDF:6843.7/19

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

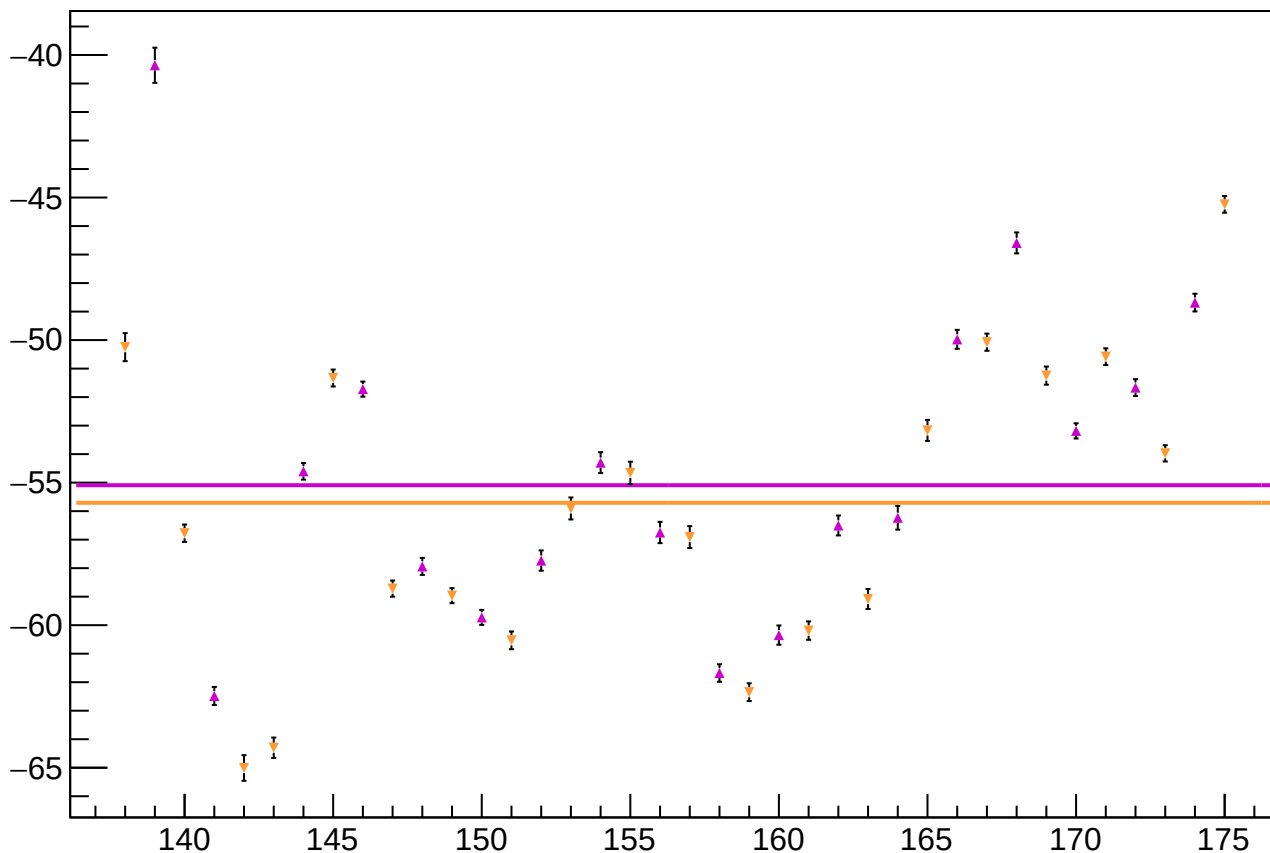
Left In: 8.885 $\pm$ 0.089 χ^2 /NDF:2789.3/17

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

All: 7.956 $\pm$ 0.062 χ^2 /NDF: 9844.5/37

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

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -55.707+/-0.073 χ^2/NDF : 4839.7/19

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

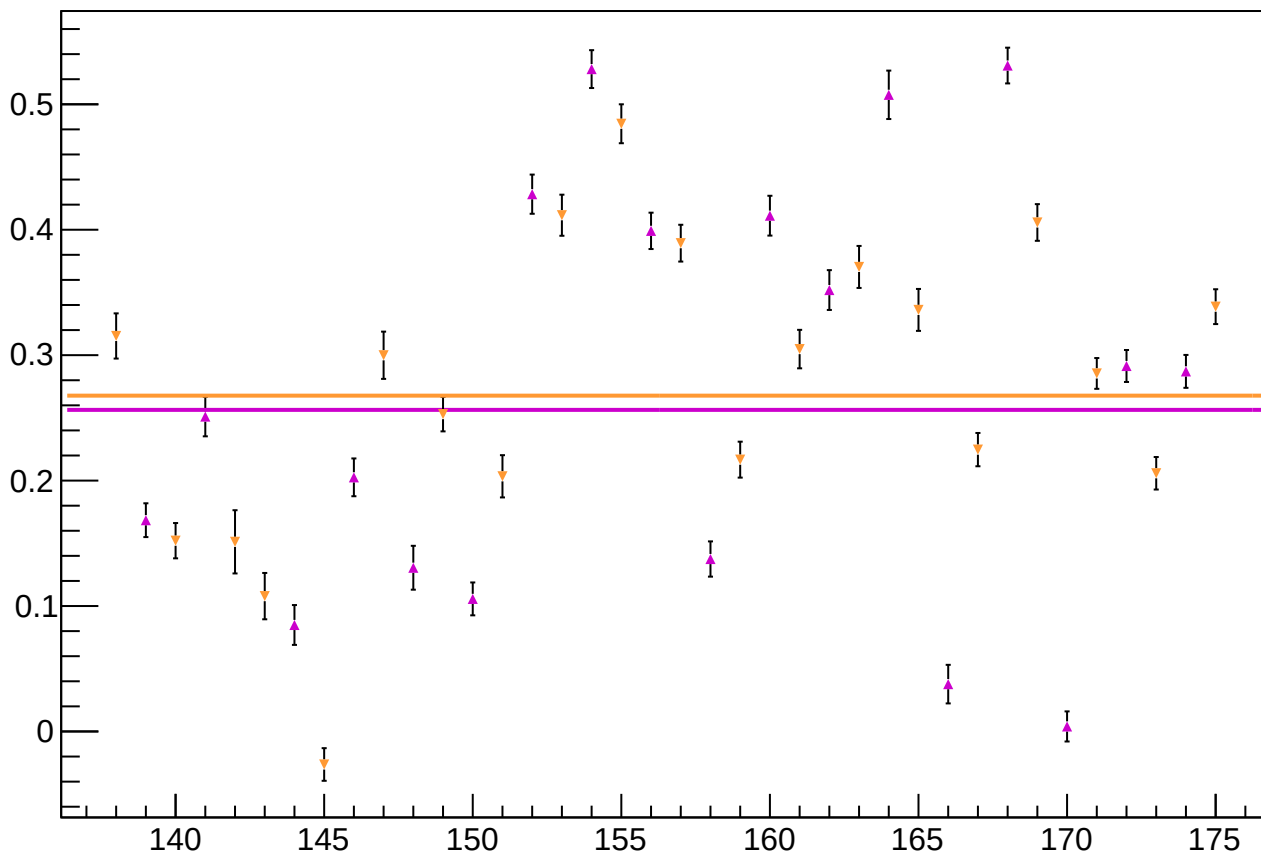
Left In: -55.091+/-0.076 χ^2/NDF : 3869.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.412+/-0.053 χ^2/NDF : 8743.7/37

- 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: 0.268 $\pm$ 0.003 χ^2 /NDF:1264.6/19

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

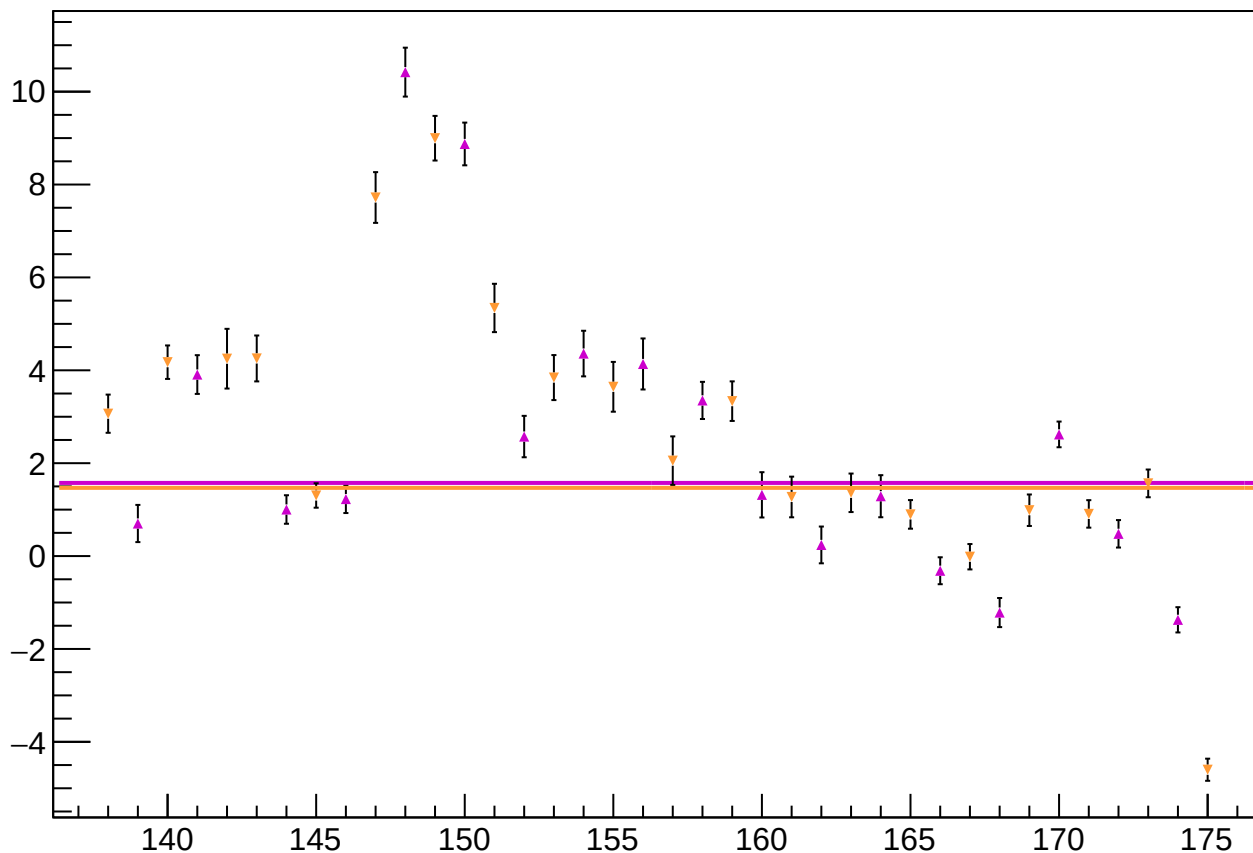
Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:2299.3/17

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

All: 0.262 $\pm$ 0.002 χ^2 /NDF: 3569.4/37

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

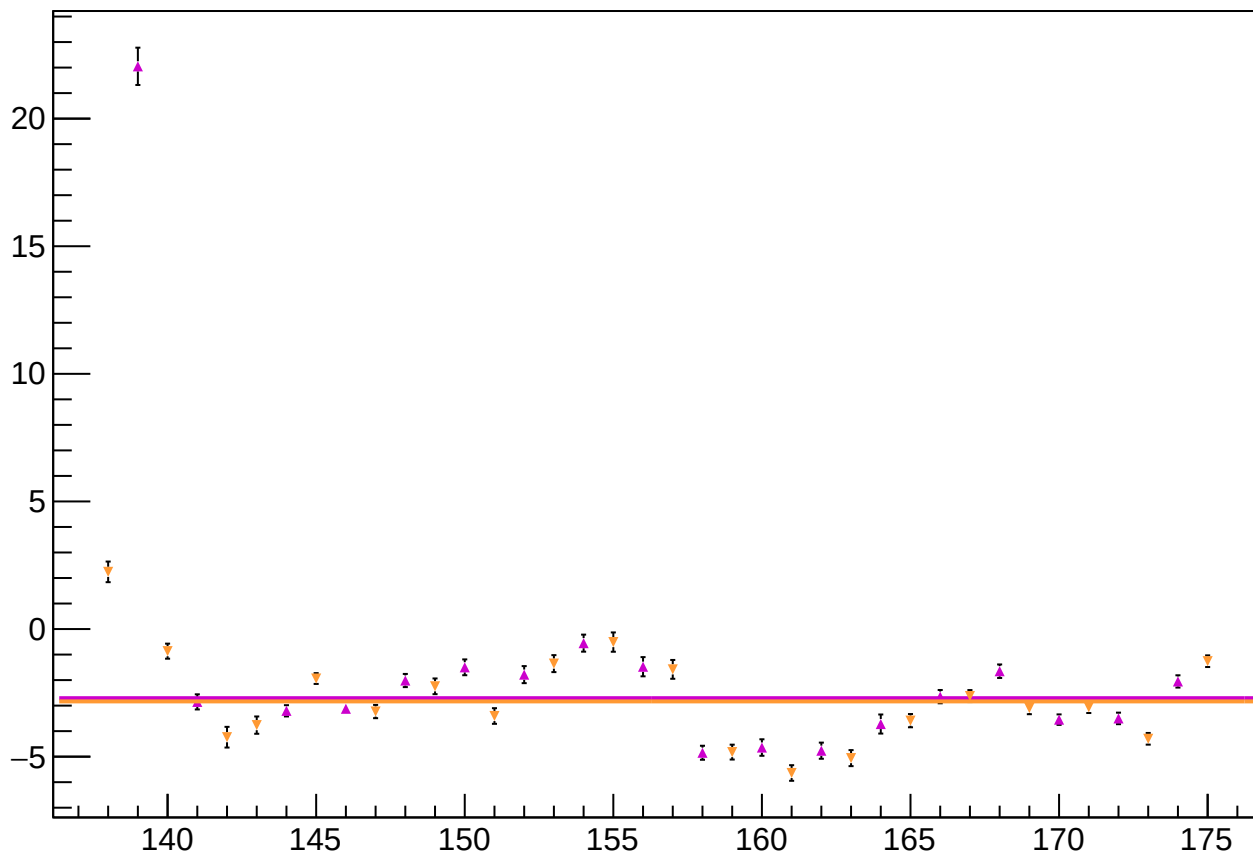
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.469+/-0.083 χ^2/NDF :1302.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.575+/-0.086 χ^2/NDF :932.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.520+/-0.059 χ^2/NDF : 2236.4/37
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -2.835 $\pm$ 0.063 χ^2 /NDF:598.9/19

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

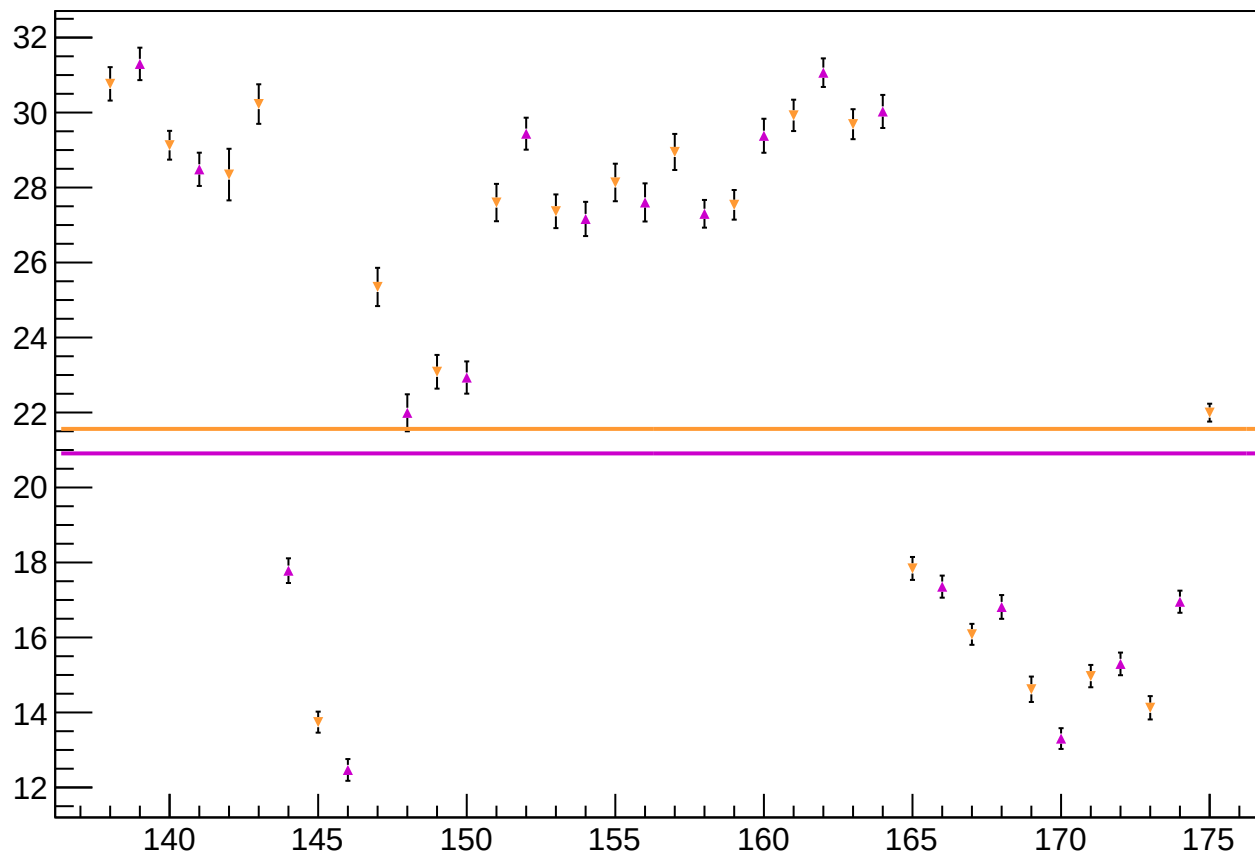
Left In: -2.709 $\pm$ 0.065 χ^2 /NDF:1437.8/17

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

All: -2.774 $\pm$ 0.045 χ^2 /NDF: 2038.7/37

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

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 21.563+/-0.083 χ^2/NDF : 5806.3/19

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

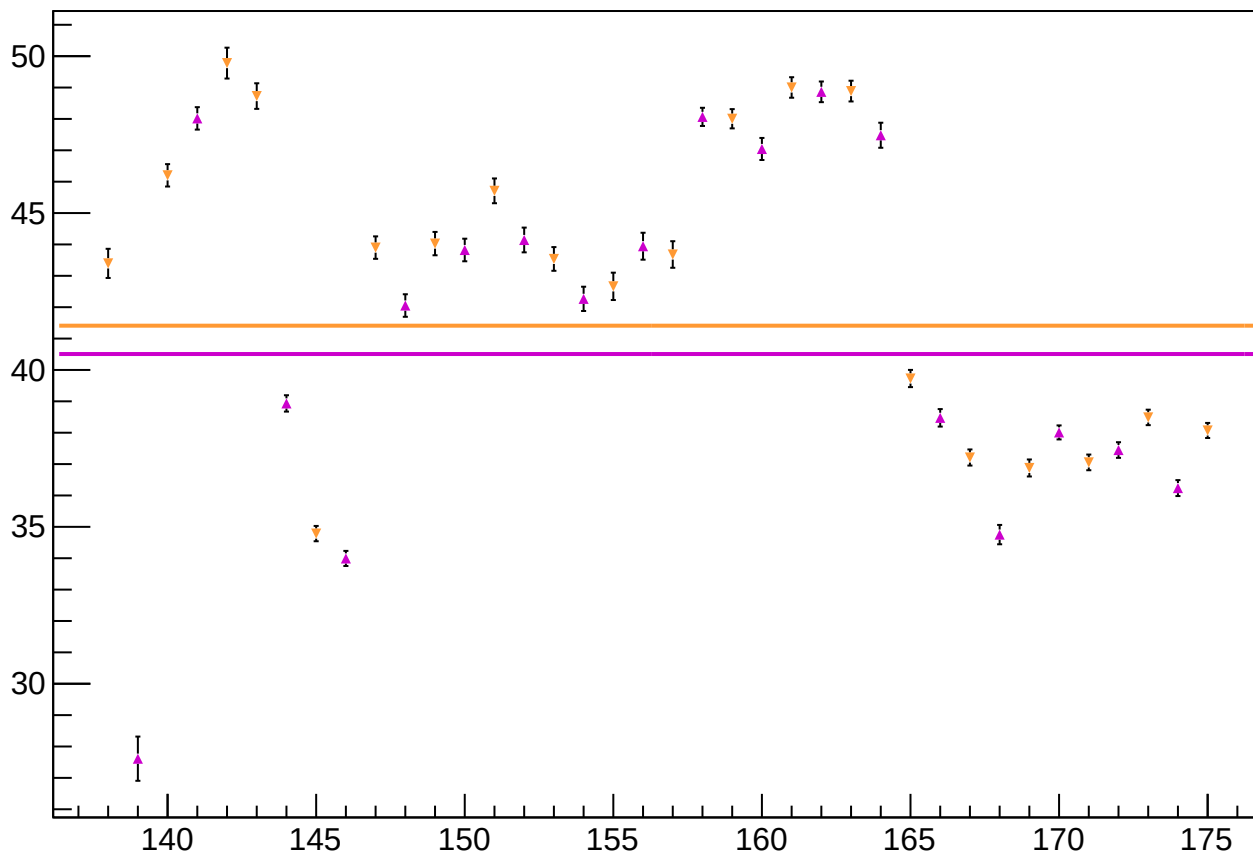
Left In: 20.909+/-0.086 χ^2/NDF : 5969.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.247+/-0.060 χ^2/NDF : 11805.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

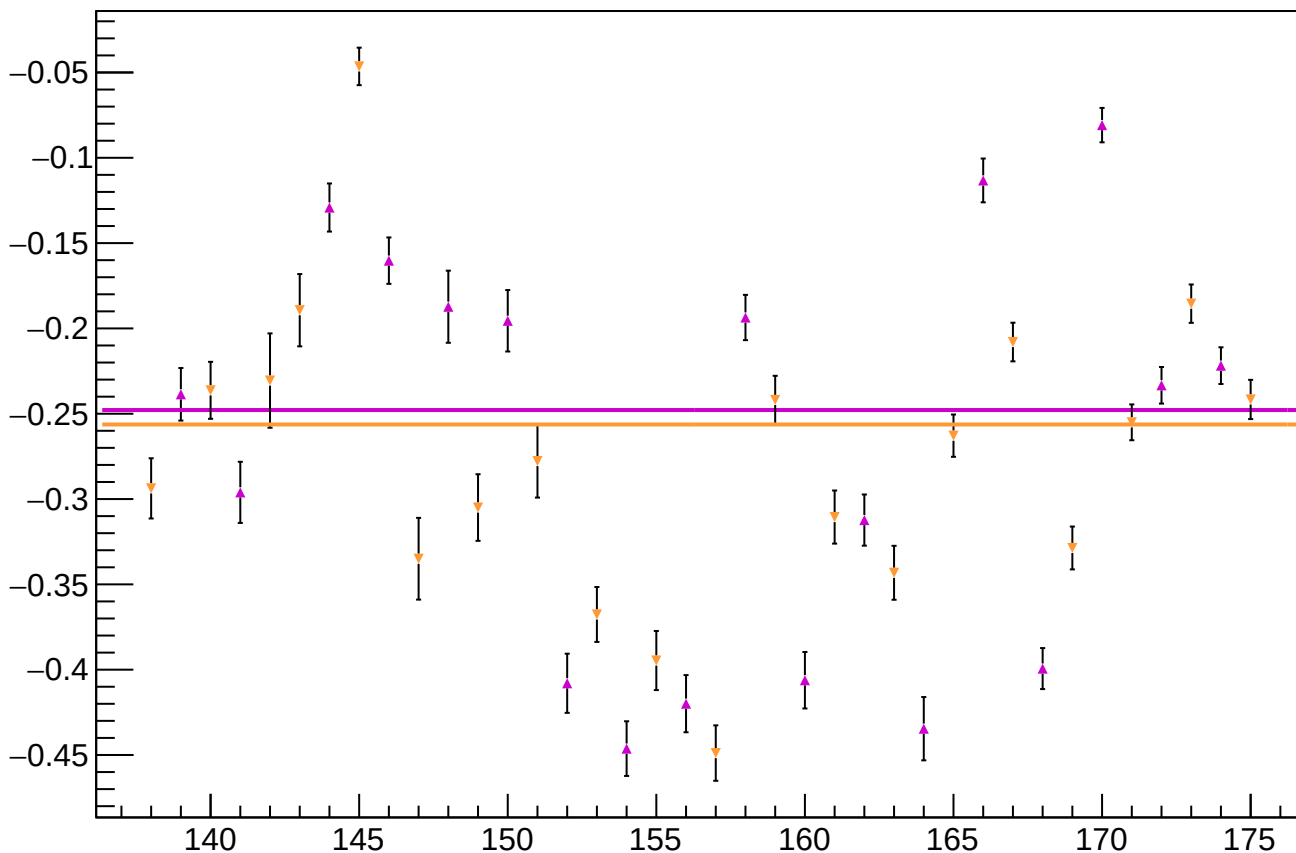
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.411+/-0.071 χ^2/NDF : 4568.5/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.508+/-0.073 χ^2/NDF : 4756.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 40.975+/-0.051 χ^2/NDF : 9403.2/37
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.256 $\pm$ 0.003 χ^2 /NDF: 788.5/19

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

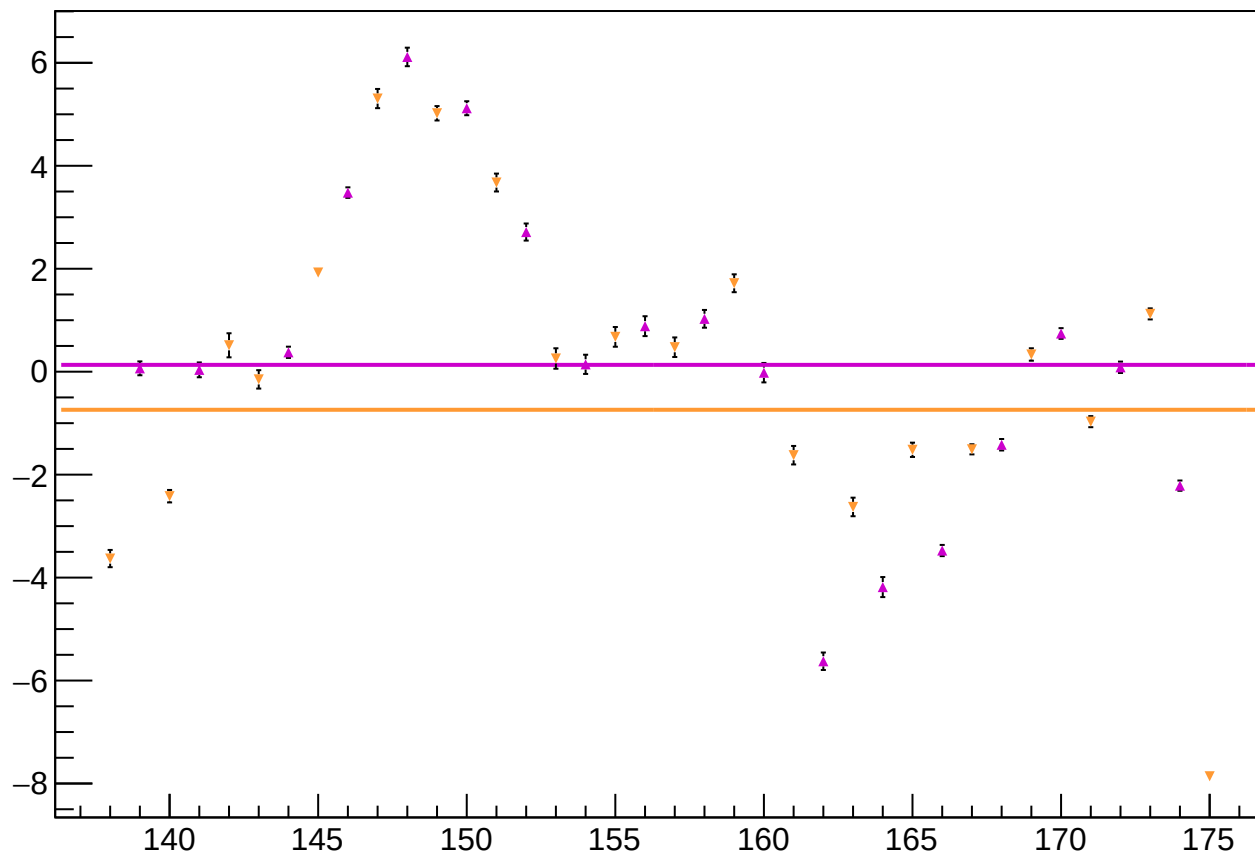
Left In: -0.248 $\pm$ 0.003 χ^2 /NDF: 1260.1/17

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

All: -0.252 $\pm$ 0.002 χ^2 /NDF: 2051.9/37

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

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.740 $\pm$ 0.030 χ^2/NDF :12268.7/19

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

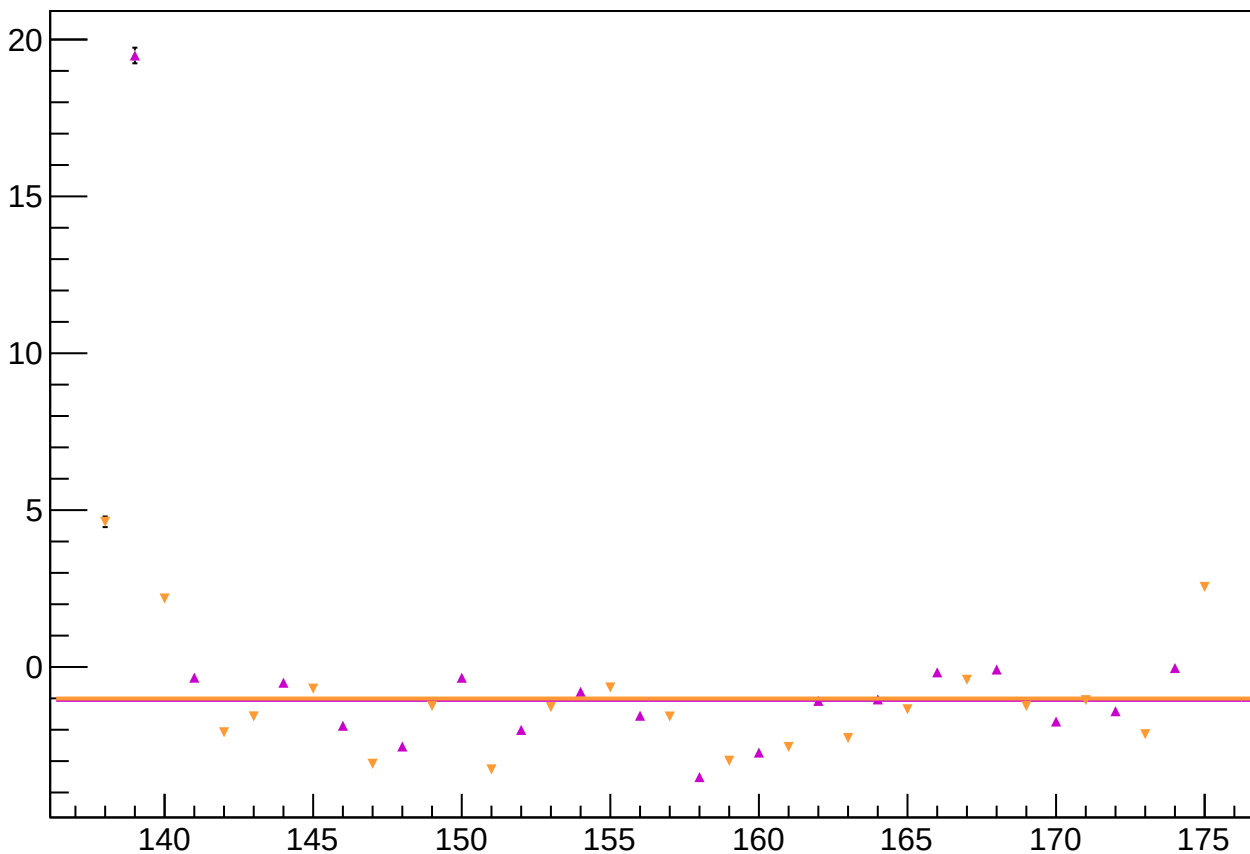
Left In: 0.133 $\pm$ 0.031 χ^2/NDF :7332.9/17

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

All: -0.316 $\pm$ 0.022 χ^2/NDF : 20001.5/37

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

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -1.005+/-0.023 χ^2/NDF : 5833.1/19

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

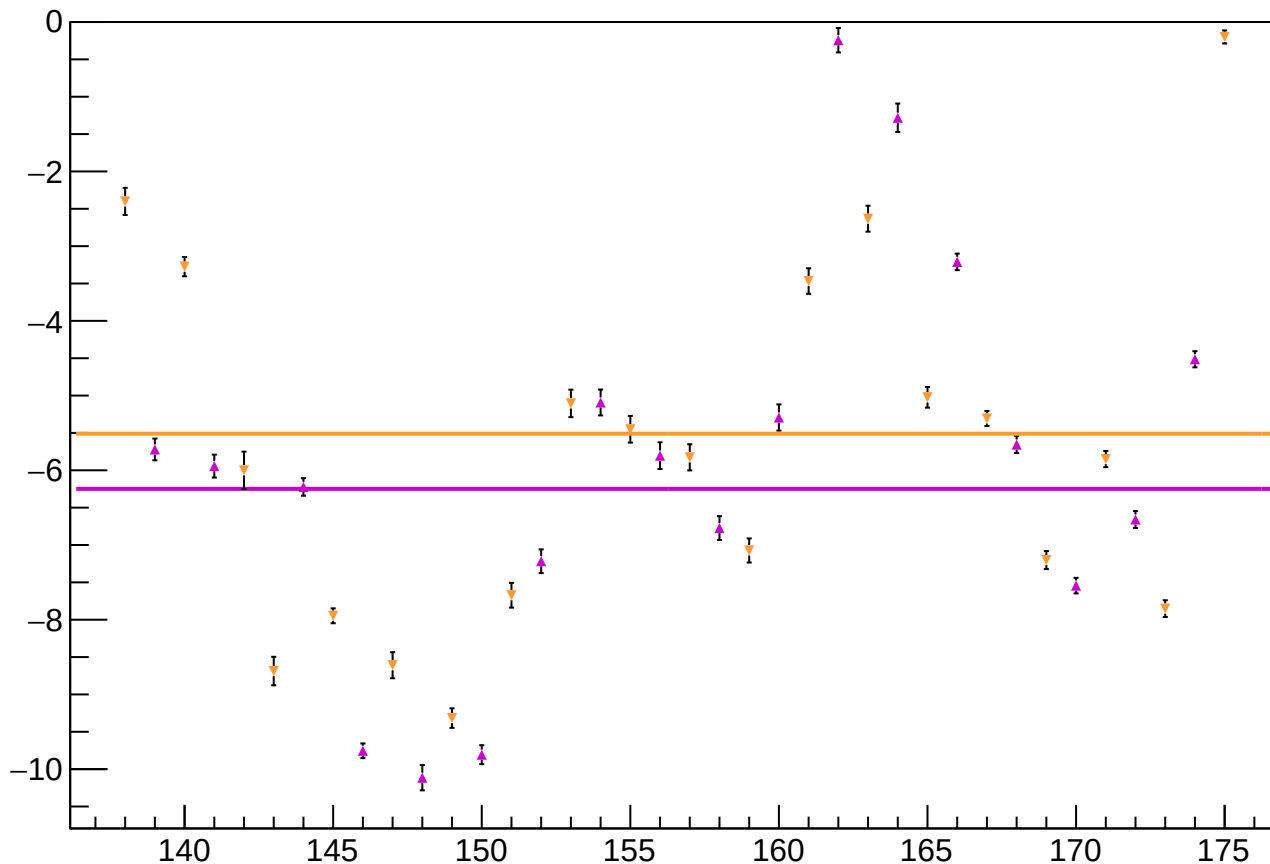
Left In: -1.046+/-0.024 χ^2/NDF : 8481.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.025+/-0.016 χ^2/NDF : 14316.5/37

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -5.510 $\pm$ 0.030 χ^2 /NDF: 7664.9/19

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

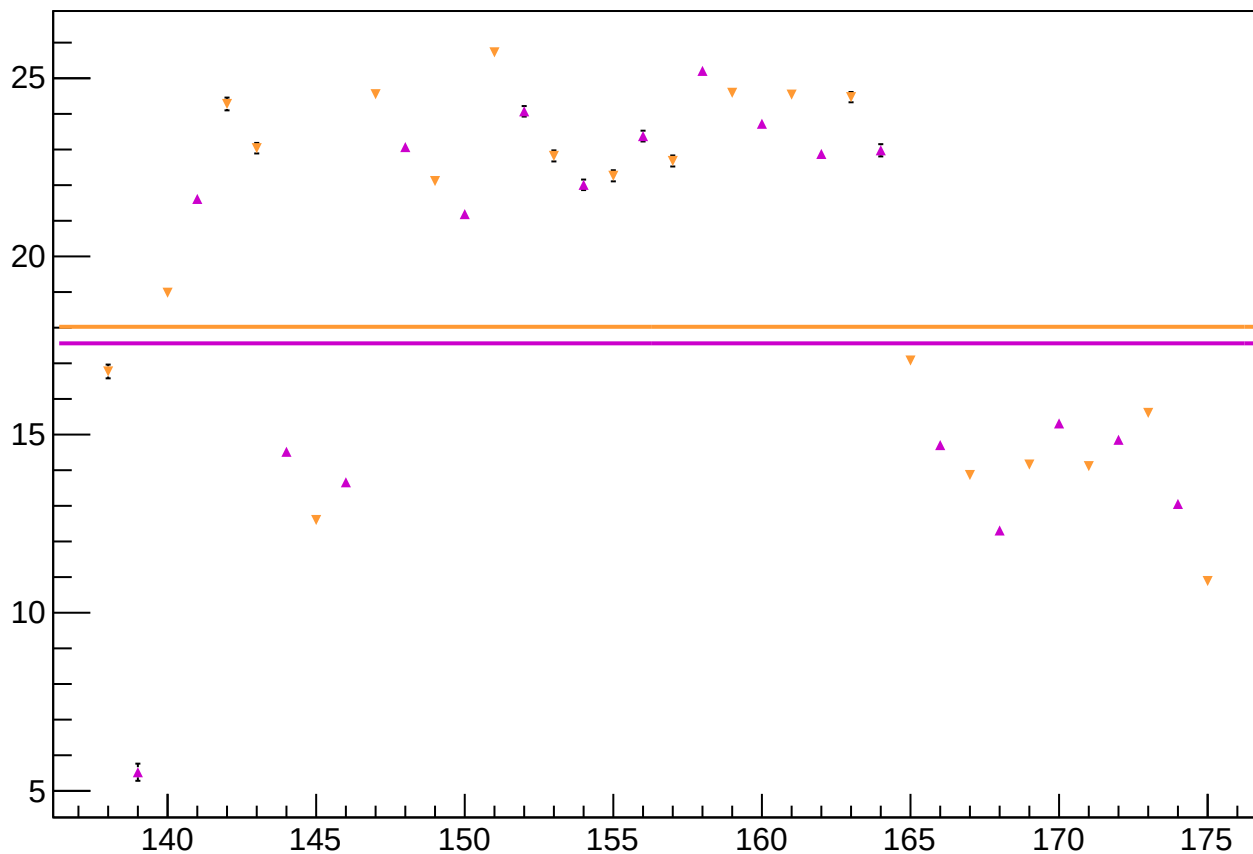
Left In: -6.248 $\pm$ 0.031 χ^2 /NDF: 5961.4/17

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

All: -5.869 $\pm$ 0.022 χ^2 /NDF: 13911.5/37

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

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 18.025+/-0.026 χ^2/NDF : 36412.5/19

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

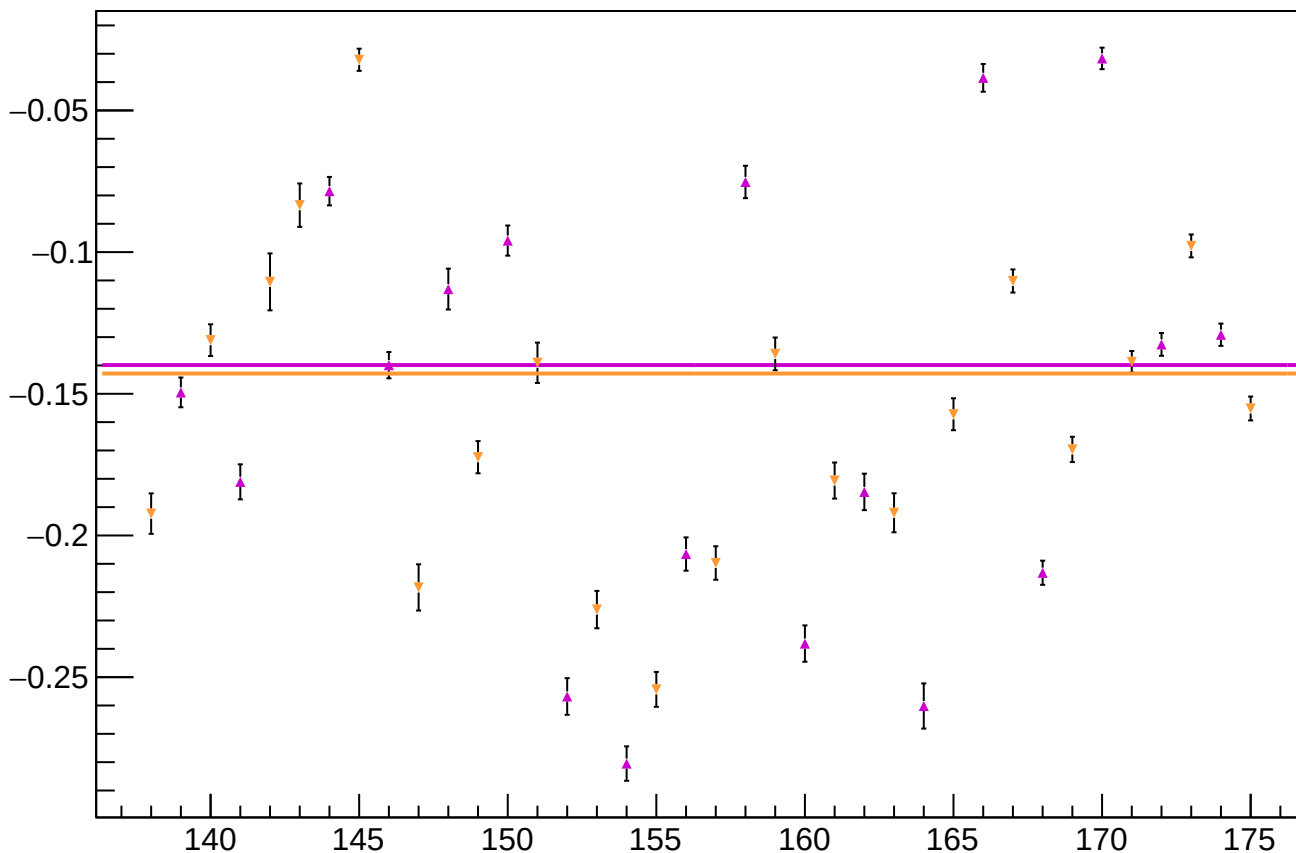
Left In: 17.560+/-0.027 χ^2/NDF : 29506.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.799+/-0.019 χ^2/NDF : 66071.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.143+/-0.001 χ^2/NDF : 1980.3/19

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

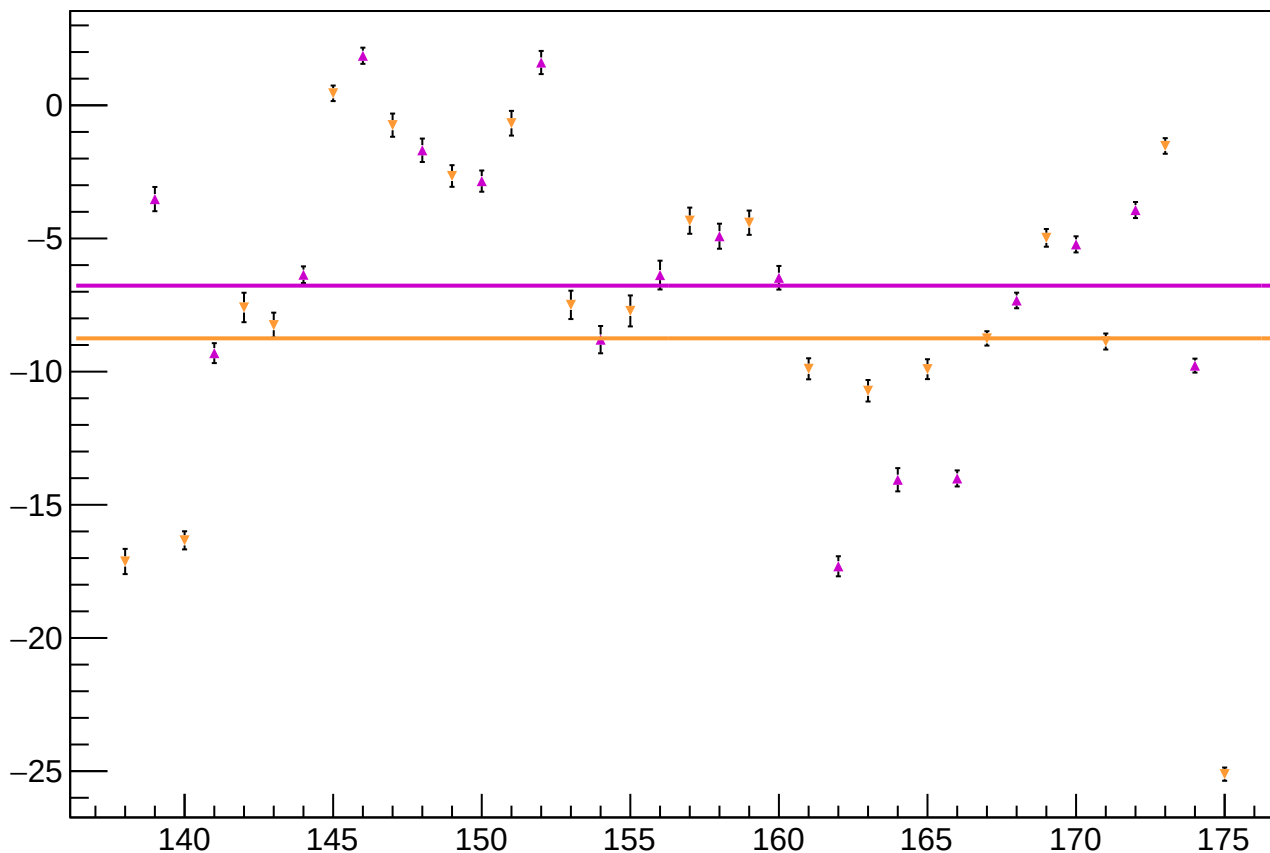
Left In: -0.140+/-0.001 χ^2/NDF : 3457.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.141+/-0.001 χ^2/NDF : 5440.5/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

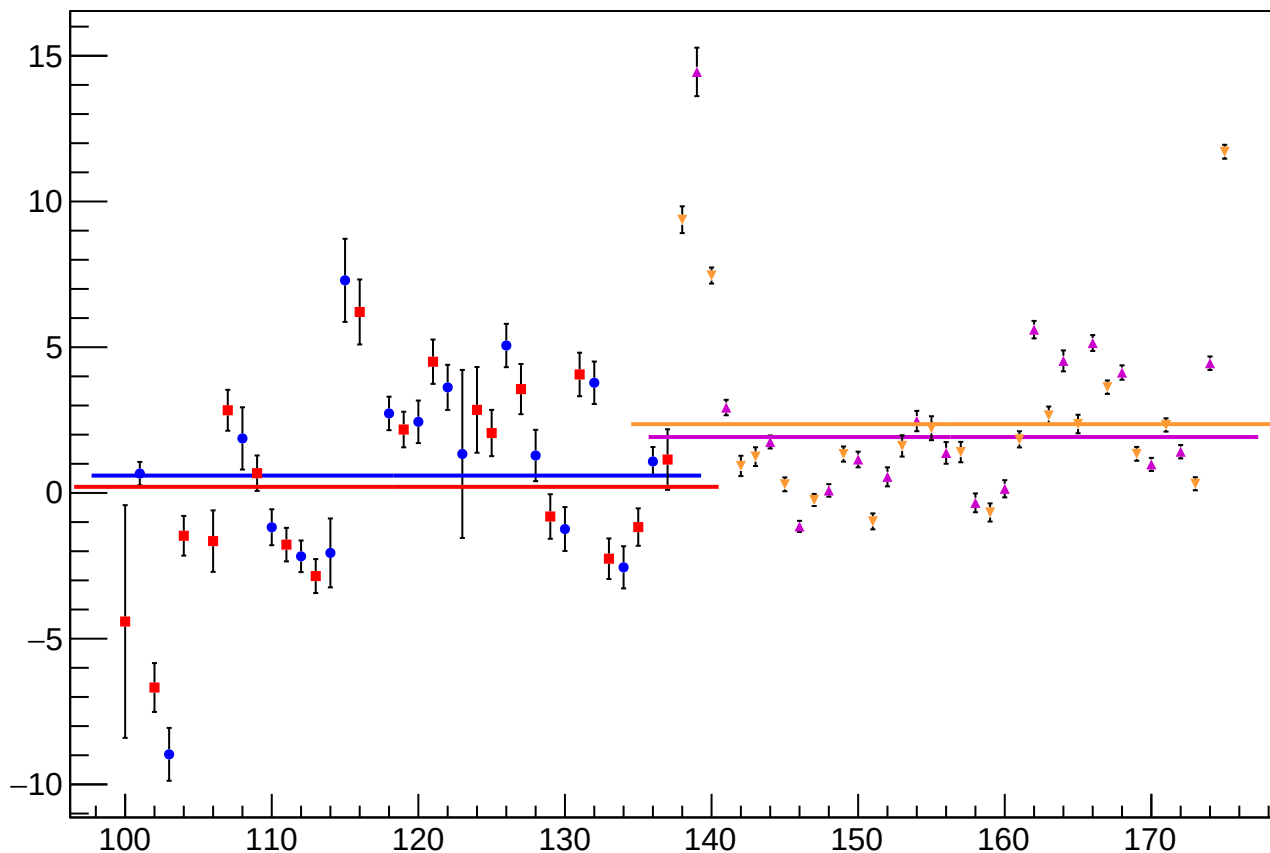
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.750 ± 0.083 χ^2/NDF : 7942.6/19
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -6.771 ± 0.085 χ^2/NDF : 3429.3/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -7.786 ± 0.059 χ^2/NDF : 11649.0/37
 - 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 $\pm$ 0.169 χ^2/NDF : 291.2/16

Left Out: 2.361 $\pm$ 0.062 χ^2/NDF : 2768.6/19

Right Out: 0.209 $\pm$ 0.175 χ^2/NDF : 273.5/18

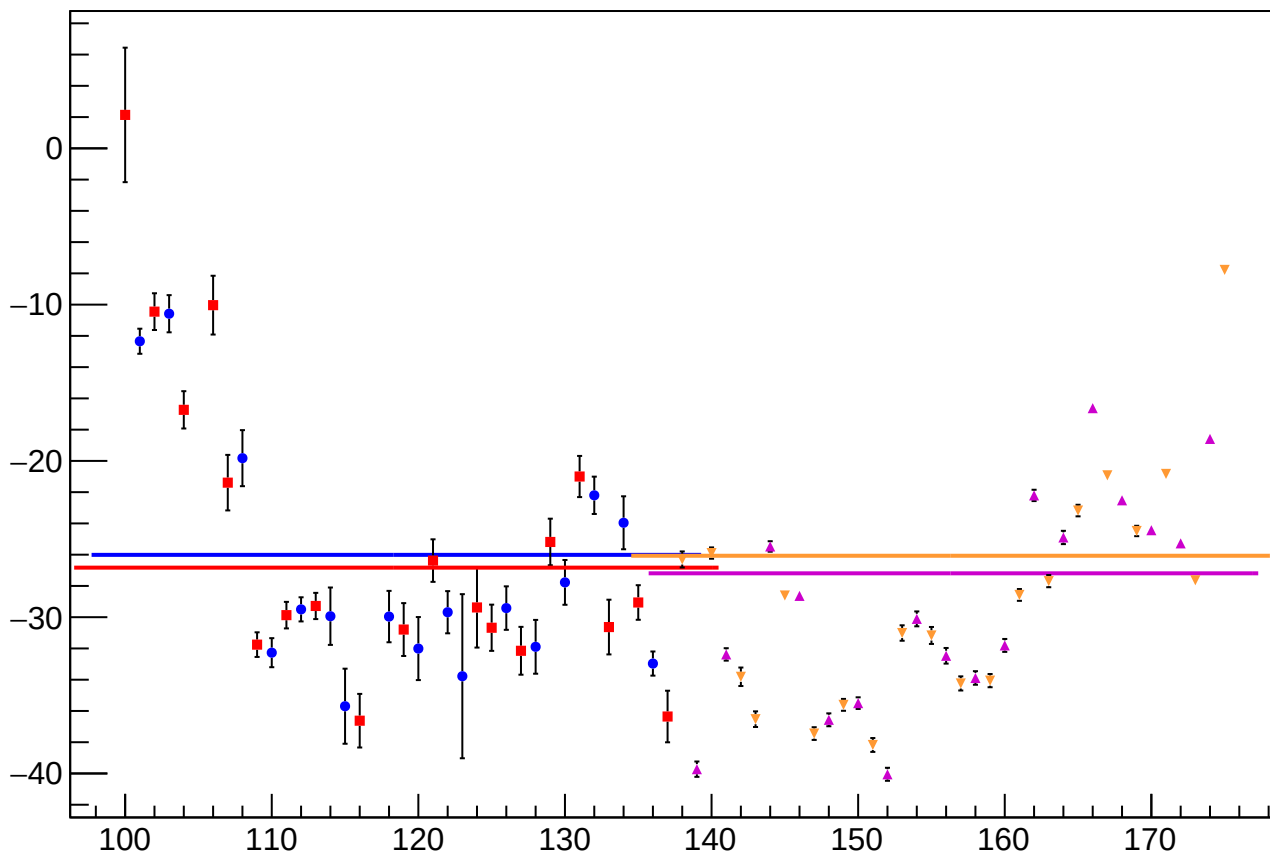
Left In: 1.919 $\pm$ 0.063 χ^2/NDF : 1252.9/17

+ sign 2.153 $\pm$ 0.058 χ^2/NDF : 3156.0/36

All: 1.943 $\pm$ 0.041 χ^2/NDF : 4794.3/73

- sign 1.721 $\pm$ 0.059 χ^2/NDF : 1611.1/36

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -26.069 ± 0.083 χ^2/NDF : 9889.9/19

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

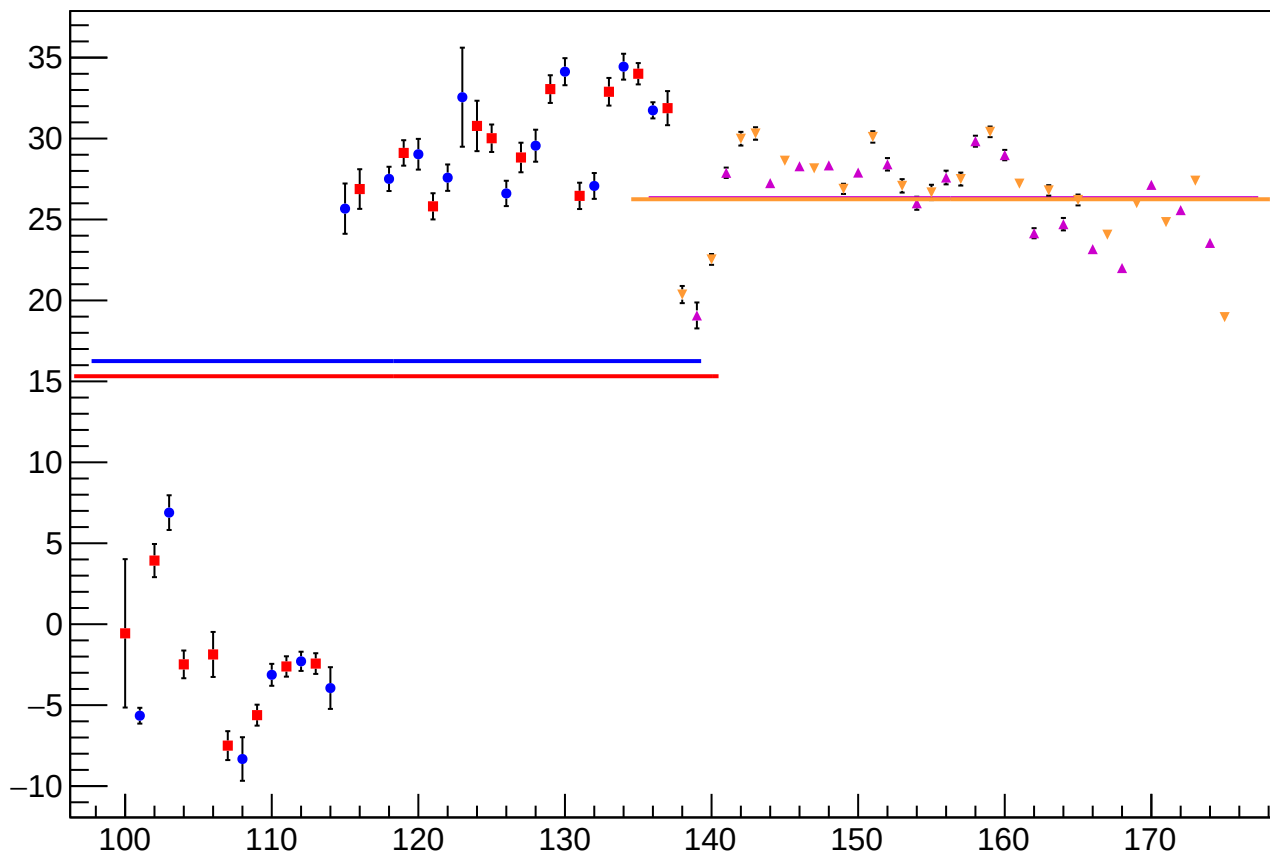
Left In: -27.193 ± 0.085 χ^2/NDF : 6034.7/17

+ sign -26.065 ± 0.080 χ^2/NDF : 10582.8/36

All: -26.602 ± 0.057 χ^2/NDF : 17293.3/73

- sign -27.165 ± 0.082 χ^2/NDF : 6617.7/36

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: 26.250 $\pm$ 0.070 χ^2 /NDF:1836.3/19

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

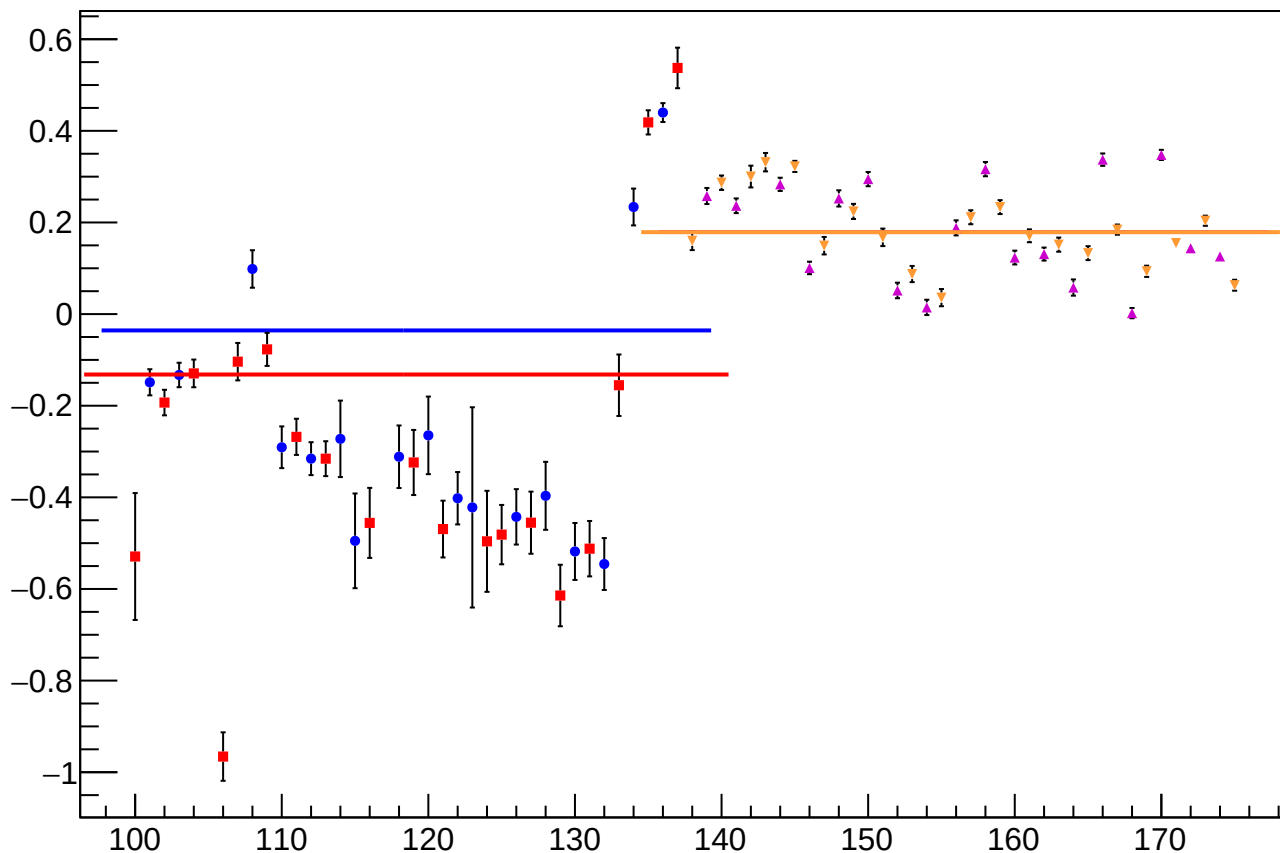
Left In: 26.320 $\pm$ 0.072 χ^2 /NDF:1026.0/17

+ sign 25.057 $\pm$ 0.066 χ^2 /NDF: 11859.6/36

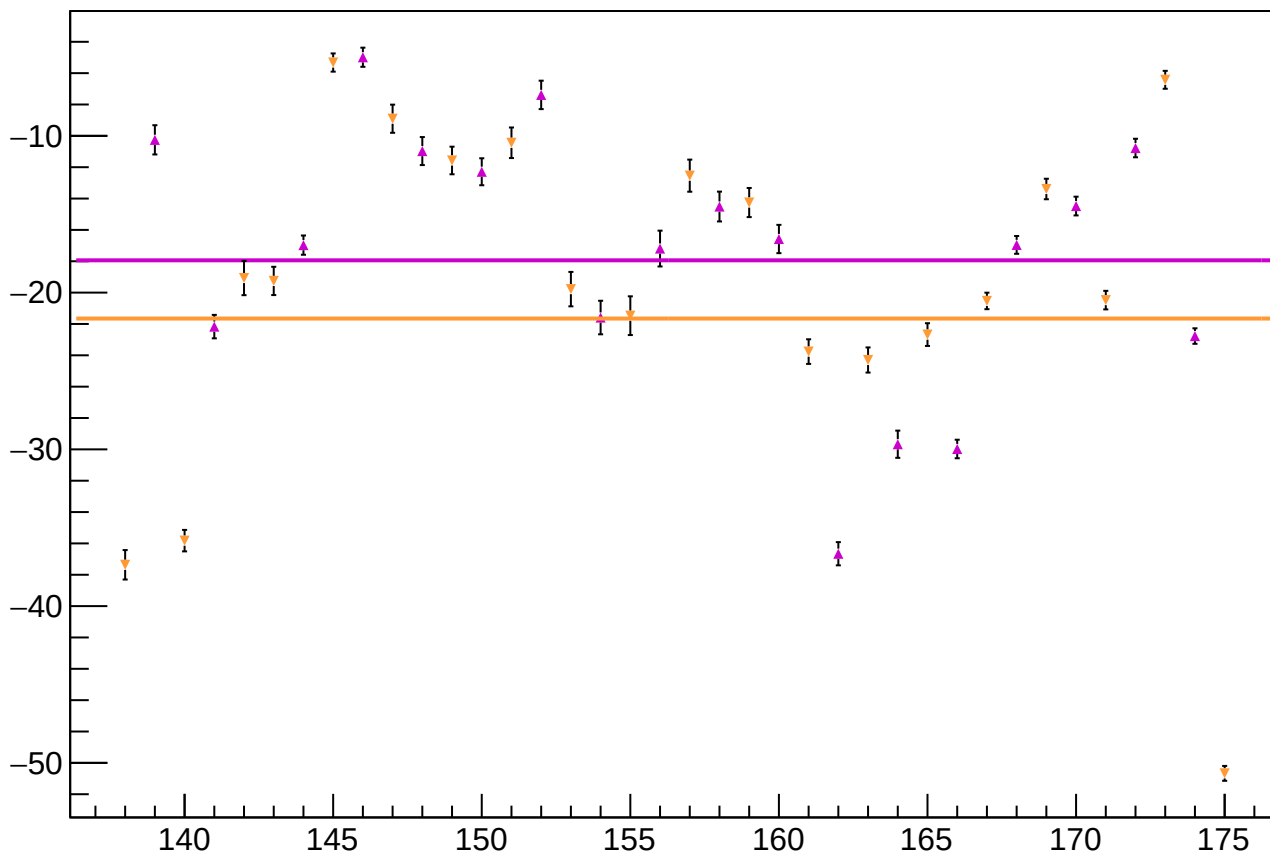
All: 25.035 $\pm$ 0.047 χ^2 /NDF: 22914.4/73

- sign 25.013 $\pm$ 0.068 χ^2 /NDF: 11054.6/36

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -21.655+/-0.165 χ^2/NDF : 6757.2/19

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

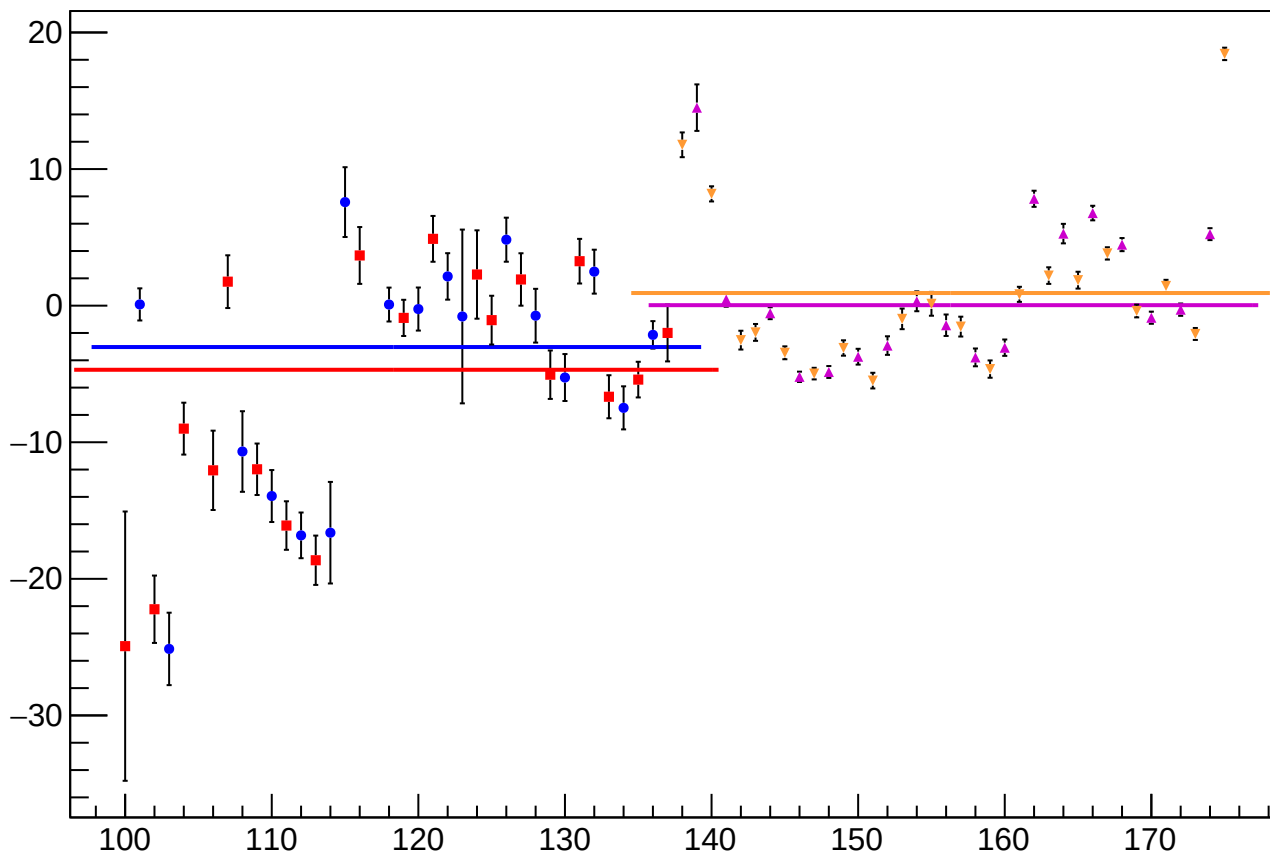
Left In: -17.941+/-0.169 χ^2/NDF : 2333.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.848+/-0.118 χ^2/NDF : 9338.1/37

- 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: 0.925 ± 0.123 χ^2/NDF : 2495.2/19

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

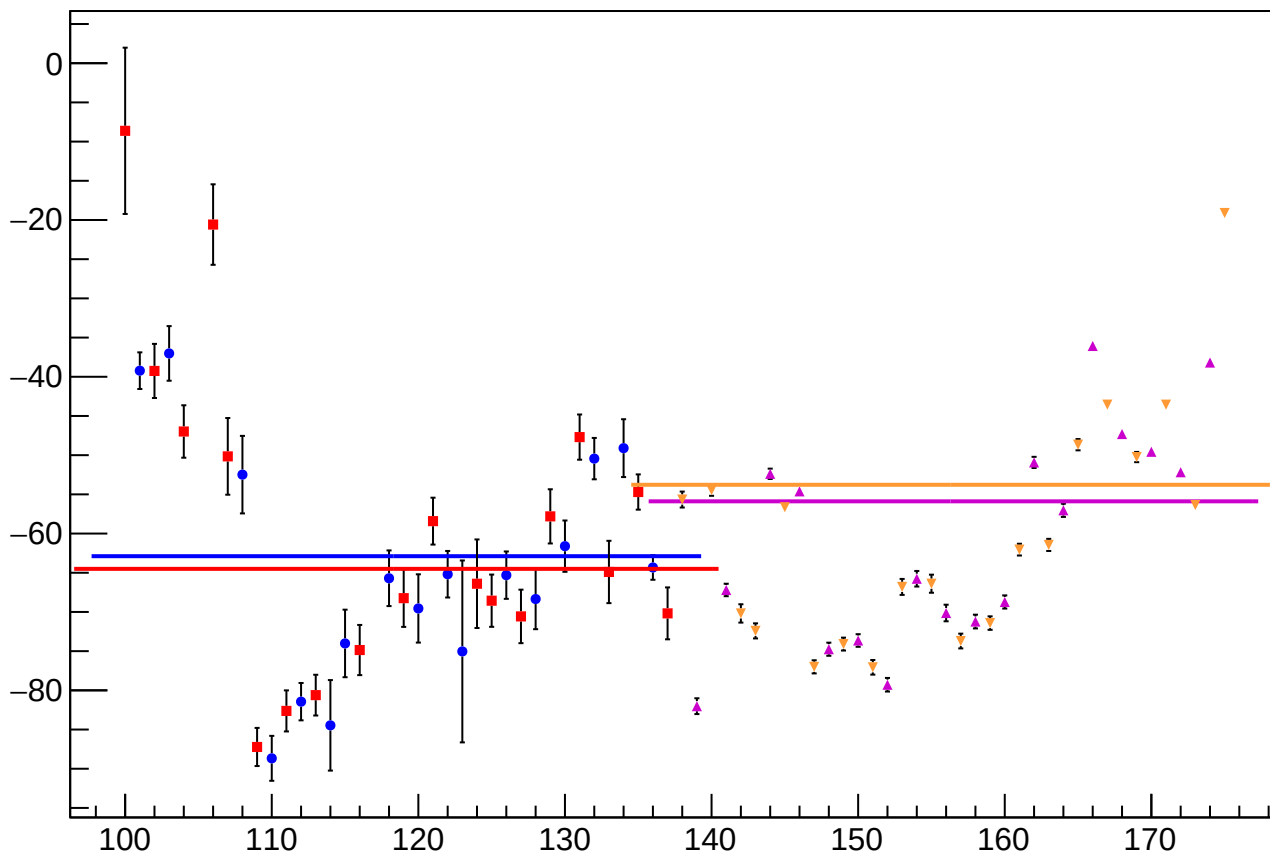
Left In: 0.035 ± 0.126 χ^2/NDF : 1139.5/17

+ sign 0.594 ± 0.118 χ^2/NDF : 2862.3/36

All: 0.137 ± 0.084 χ^2/NDF : 4444.0/73

- sign -0.343 ± 0.121 χ^2/NDF : 1550.8/36

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -53.779 ± 0.165 $\chi^2/\text{NDF}: 10035.6/19$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

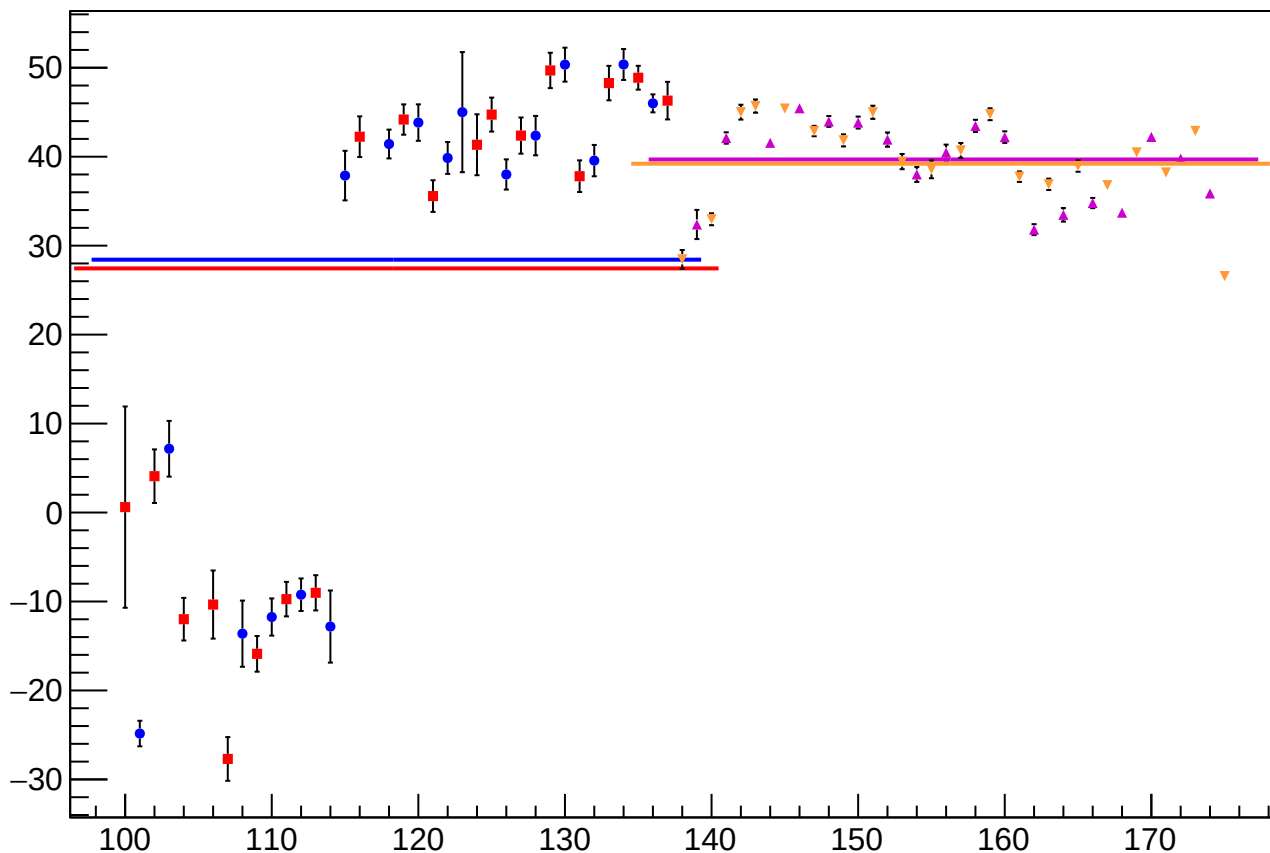
Left In: -55.889 ± 0.169 $\chi^2/\text{NDF}: 6039.9/17$

+ sign -54.212 ± 0.161 $\chi^2/\text{NDF}: 10549.4/36$

All: -55.232 ± 0.115 $\chi^2/\text{NDF}: 17240.8/73$

- sign -56.306 ± 0.165 $\chi^2/\text{NDF}: 6609.0/36$

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: 39.212 $\pm$ 0.140 χ^2 /NDF:1445.4/19

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

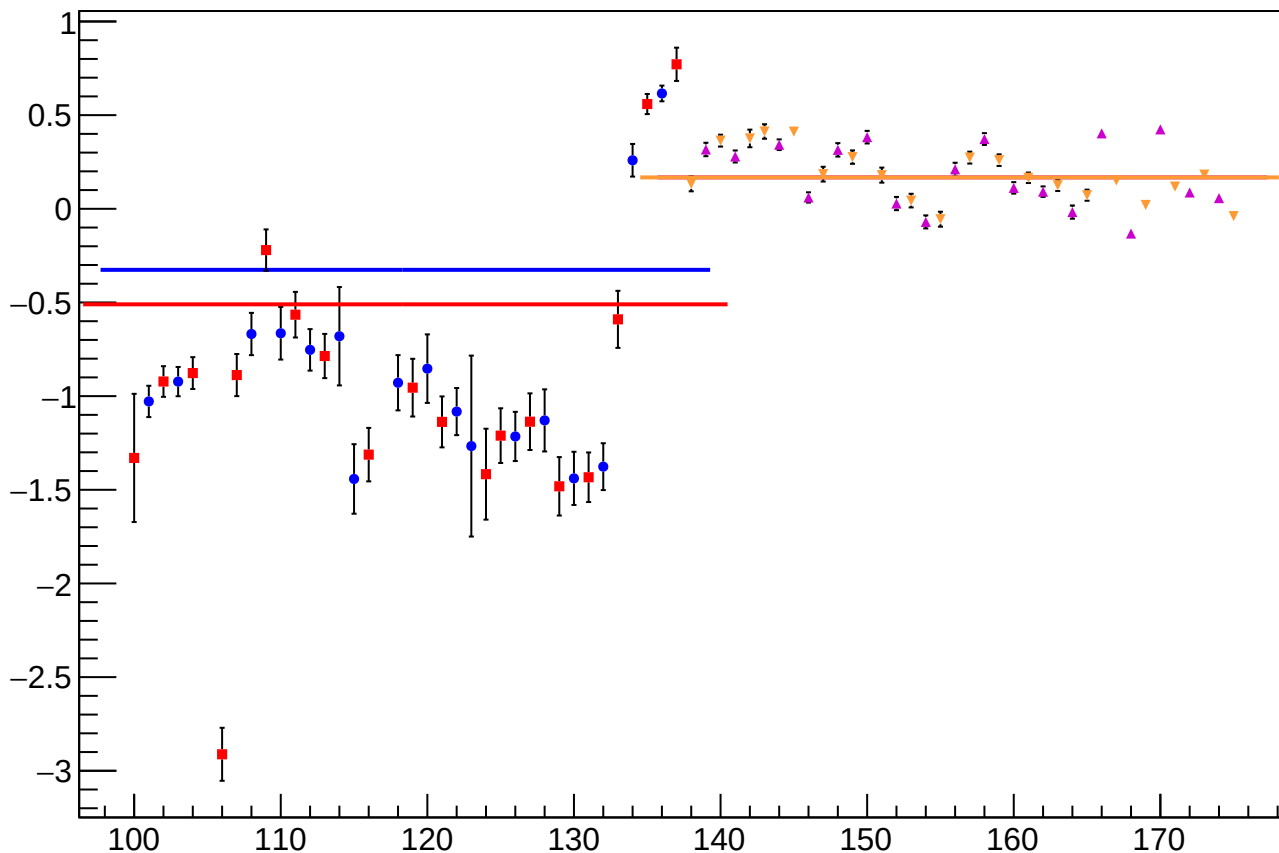
Left In: 39.686 $\pm$ 0.144 χ^2 /NDF:852.9/17

+ sign 38.285 $\pm$ 0.134 χ^2 /NDF: 5284.8/36

All: 38.472 $\pm$ 0.096 χ^2 /NDF: 9774.8/73

- sign 38.669 $\pm$ 0.138 χ^2 /NDF: 4486.0/36

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.168 ± 0.007 χ^2/NDF : 410.7/19

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

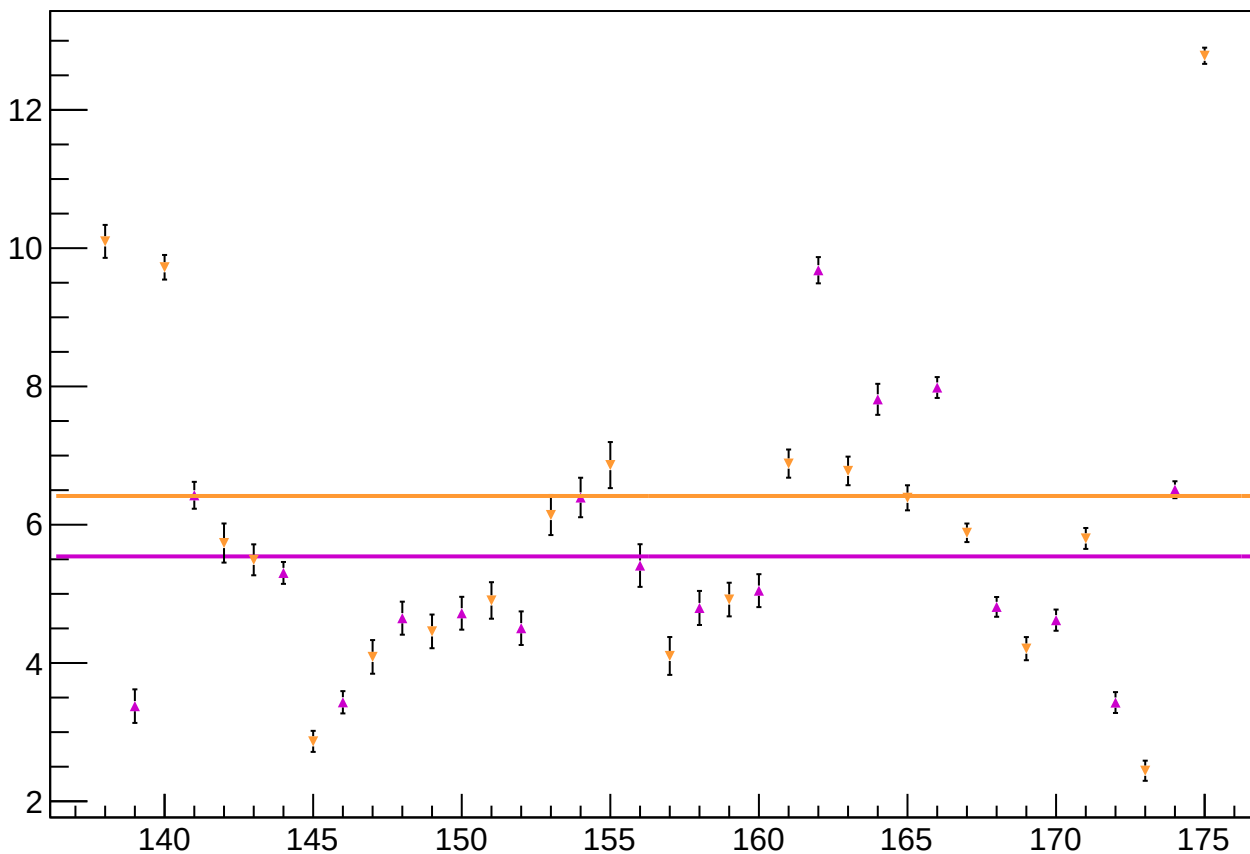
Left In: 0.168 ± 0.007 χ^2/NDF : 735.6/17

+ sign 0.136 ± 0.006 χ^2/NDF : 1791.2/36

All: 0.131 ± 0.004 χ^2/NDF : 4349.8/73

- sign 0.126 ± 0.006 χ^2/NDF : 2557.3/36

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 6.416 $\pm$ 0.042 χ^2/NDF :5365.9/19

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

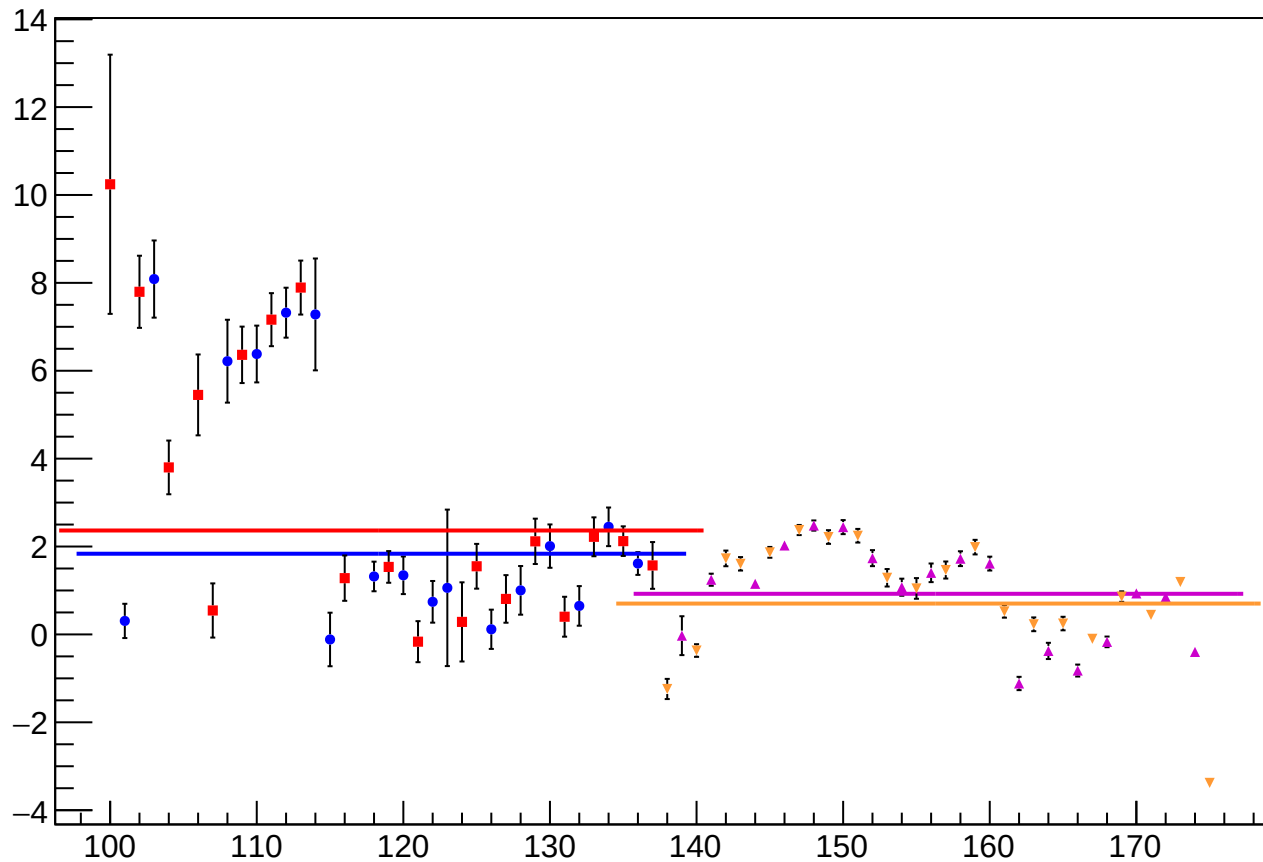
Left In: 5.542 $\pm$ 0.044 χ^2/NDF :1501.3/17

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

All: 5.992 $\pm$ 0.030 χ^2/NDF : 7073.4/37

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

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: 0.702 $\pm$ 0.032 χ^2 /NDF:2189.3/19

Right Out: 2.365 $\pm$ 0.123 χ^2 /NDF: 336.4/18

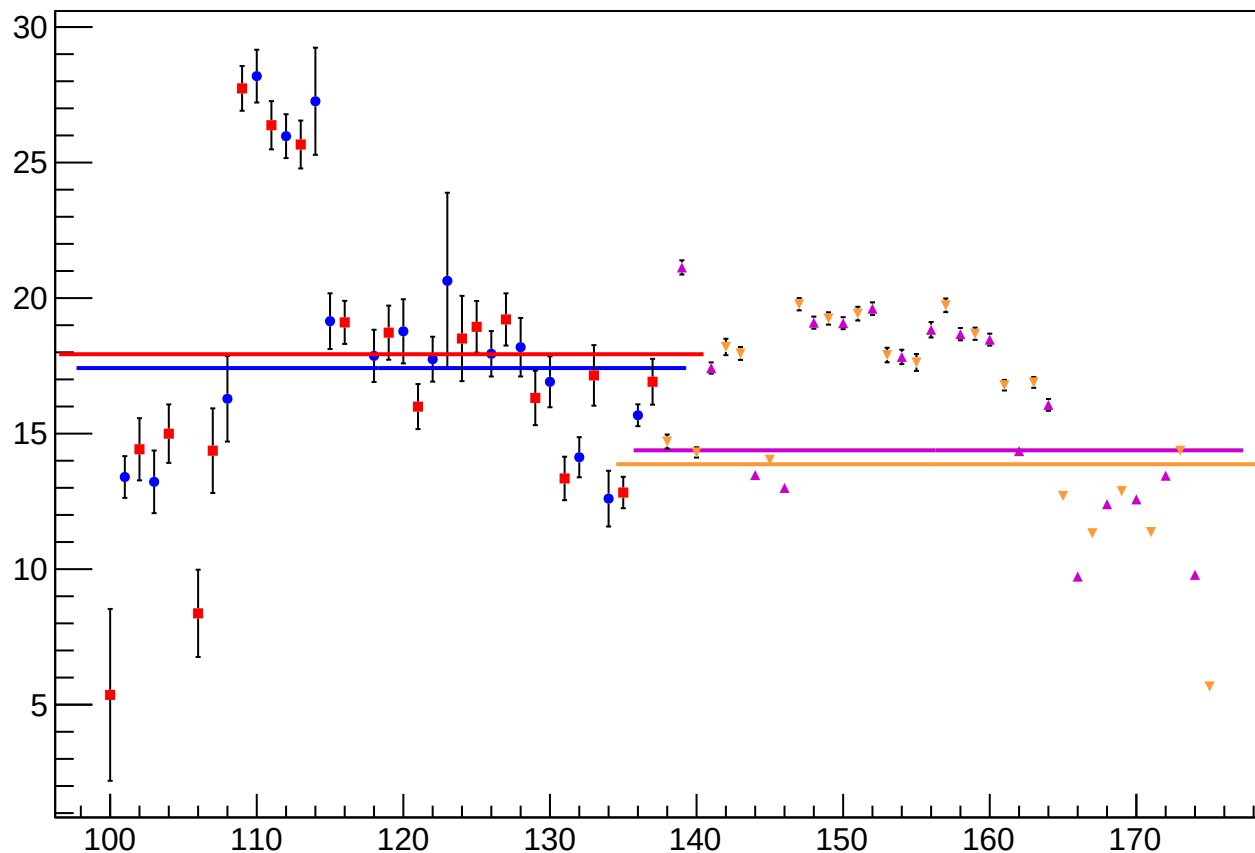
Left In: 0.924 $\pm$ 0.033 χ^2 /NDF:1103.9/17

+ sign 0.781 $\pm$ 0.031 χ^2 /NDF: 2573.0/36

All: 0.898 $\pm$ 0.022 χ^2 /NDF: 4171.4/73

- sign 1.019 $\pm$ 0.031 χ^2 /NDF: 1569.2/36

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: 13.871 $\pm$ 0.043 χ^2 /NDF:9629.6/19

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

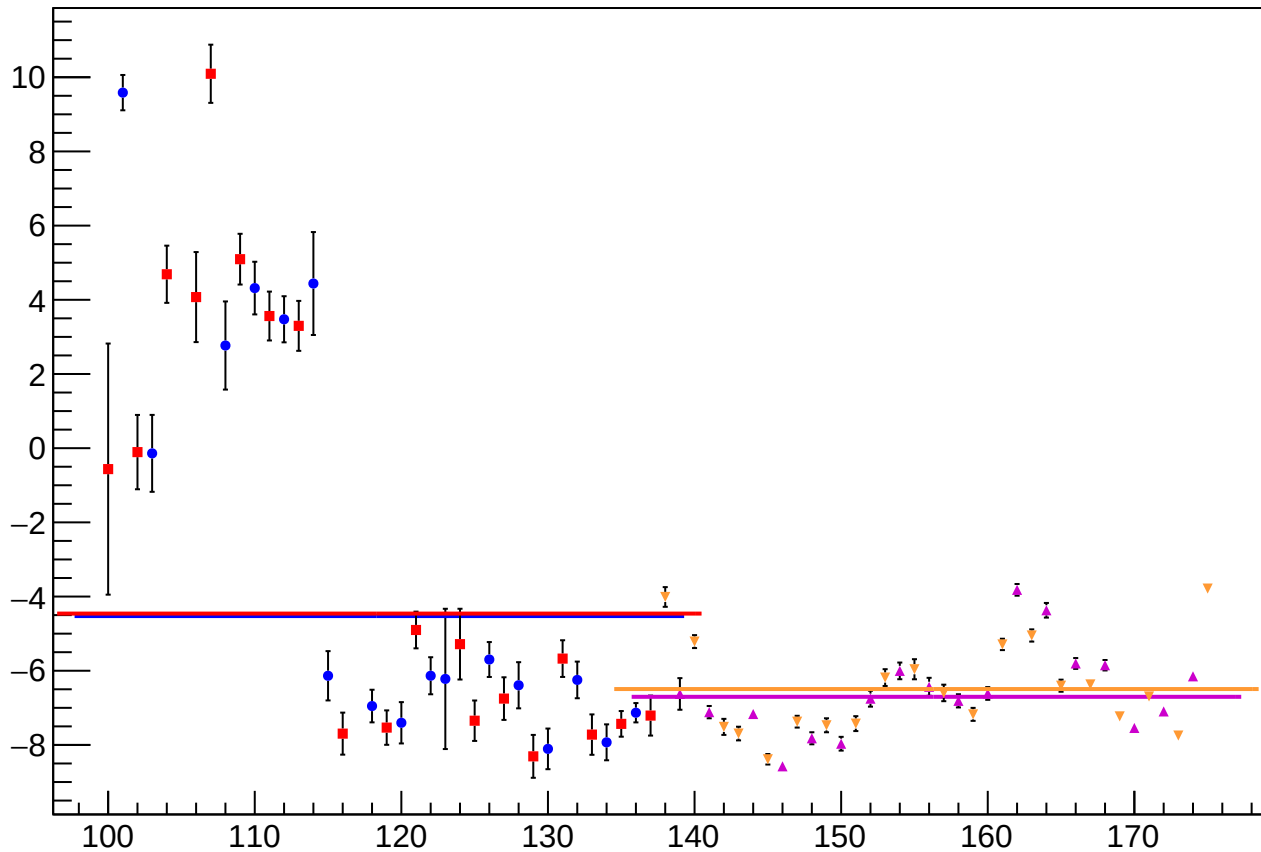
Left In: 14.384 $\pm$ 0.044 χ^2 /NDF:6025.5/17

+ sign 14.009 $\pm$ 0.042 χ^2 /NDF: 10266.3/36

All: 14.257 $\pm$ 0.030 χ^2 /NDF: 17123.4/73

- sign 14.520 $\pm$ 0.043 χ^2 /NDF: 6784.0/36

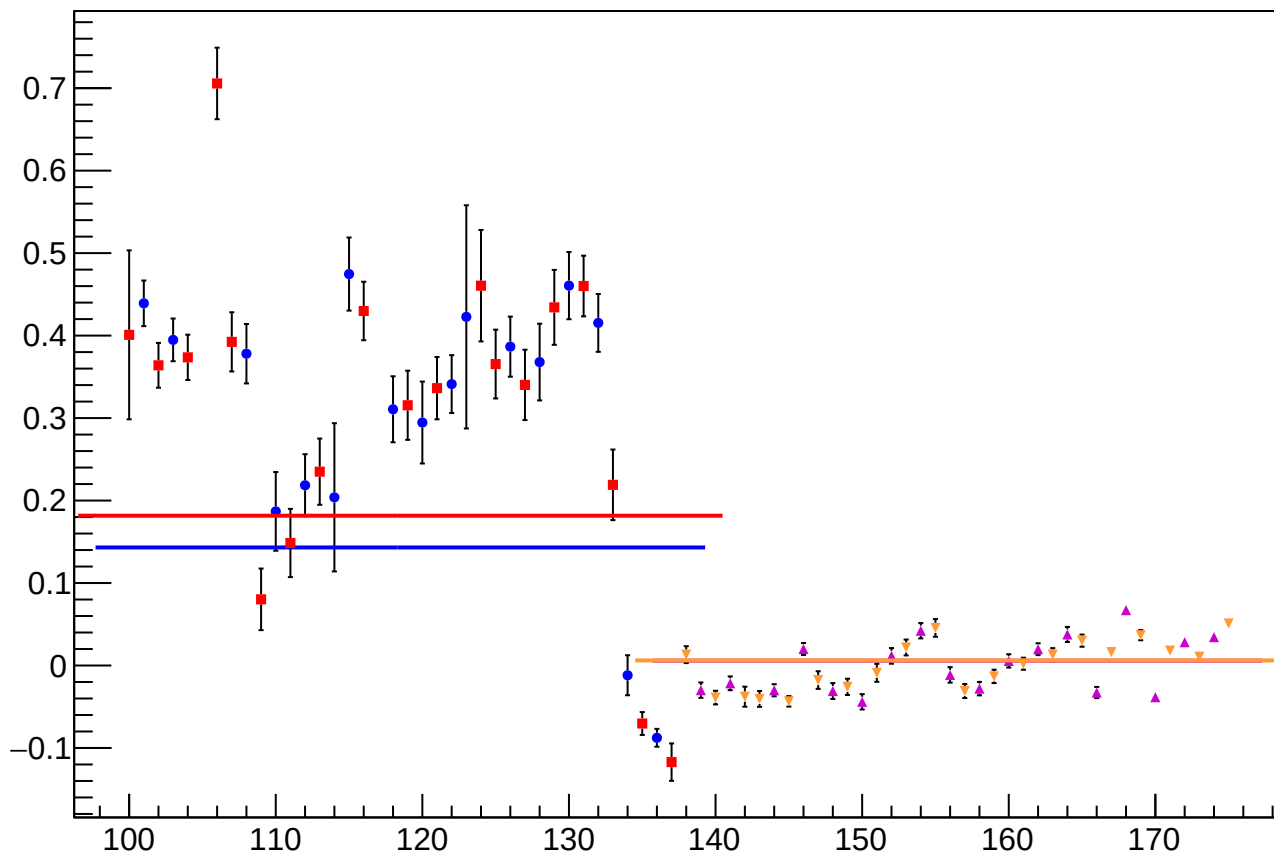
reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 $\pm$ 0.130 χ^2/NDF : 1590.2/16
 Left Out: -6.493 $\pm$ 0.036 χ^2/NDF :1292.5/19
 Right Out: -4.459 $\pm$ 0.137 χ^2/NDF : 1338.9/18
 Left In: -6.703 $\pm$ 0.037 χ^2/NDF :978.8/17

+ sign -6.351 $\pm$ 0.035 χ^2/NDF : 3096.8/36
 All: -6.447 $\pm$ 0.025 χ^2/NDF : 5679.9/73
 - sign -6.548 $\pm$ 0.036 χ^2/NDF : 2567.6/36

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1060.4/16

Left Out: 0.006 $\pm$ 0.002 χ^2 /NDF:294.7/19

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1007.8/18

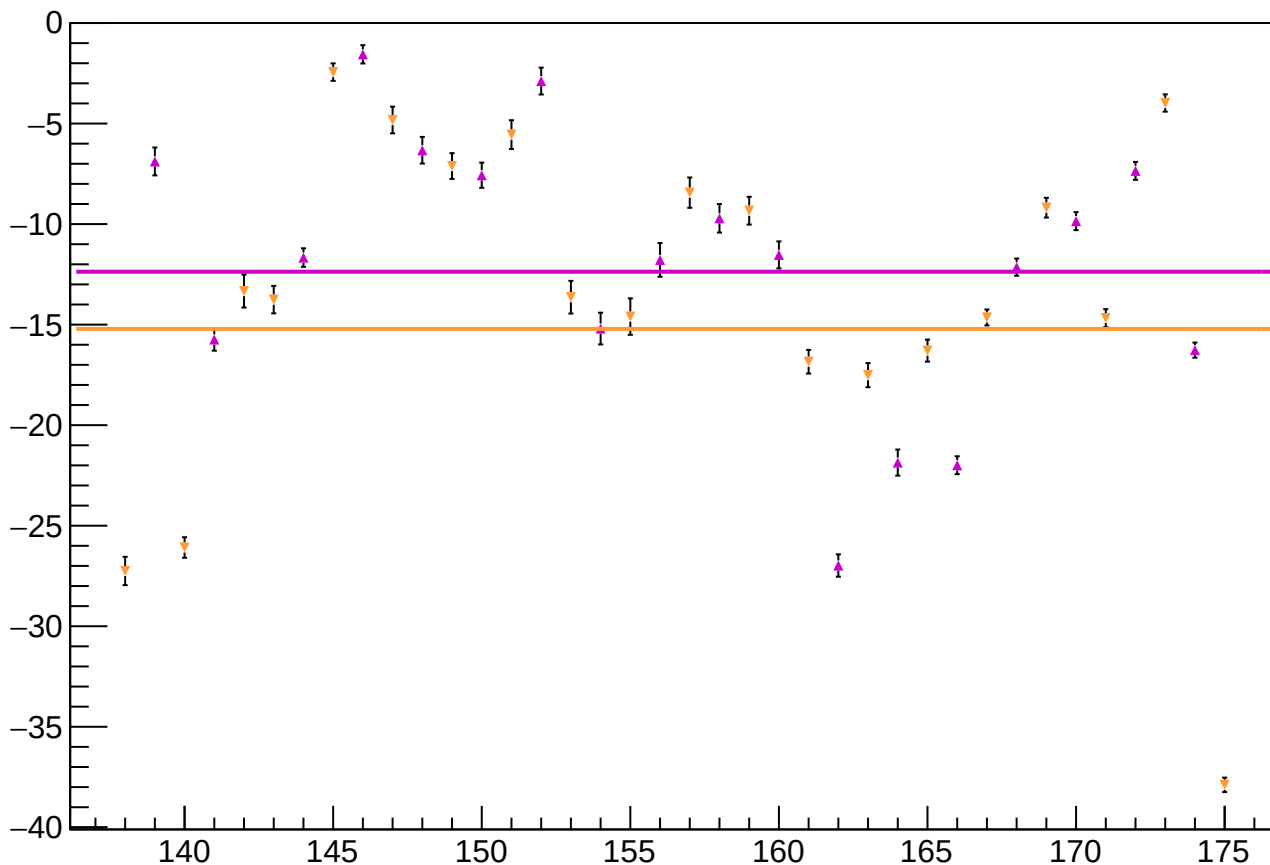
Left In: 0.006 $\pm$ 0.002 χ^2 /NDF:419.1/17

+ sign 0.014 $\pm$ 0.002 χ^2 /NDF: 1712.2/36

All: 0.014 $\pm$ 0.001 χ^2 /NDF: 3677.2/73

- sign 0.015 $\pm$ 0.002 χ^2 /NDF: 1964.7/36

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.211+/-0.123 χ^2/NDF : 7185.3/19

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

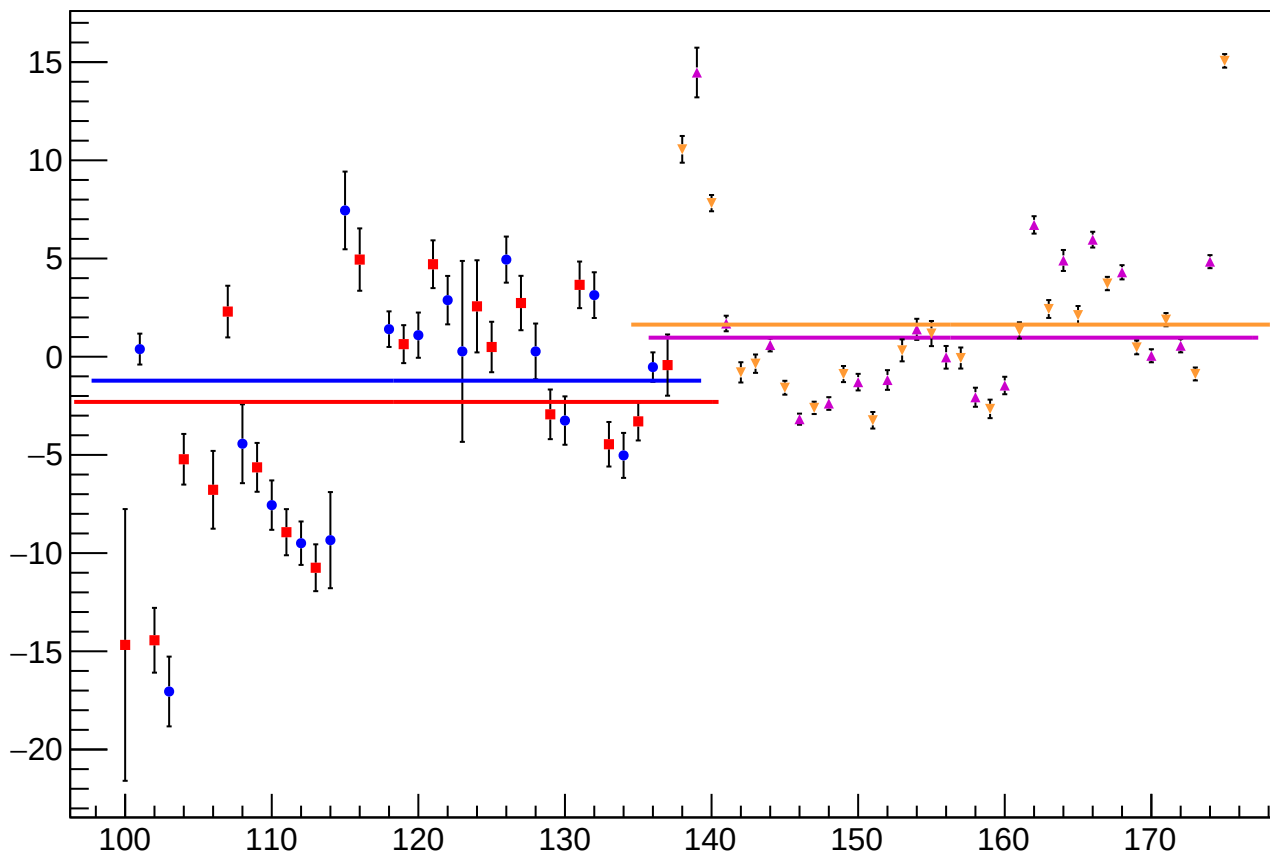
Left In: -12.368+/-0.127 χ^2/NDF : 2678.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.827+/-0.088 χ^2/NDF : 10122.8/37

- 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: 1.635 ± 0.092 χ^2/NDF : 2590.9/19

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

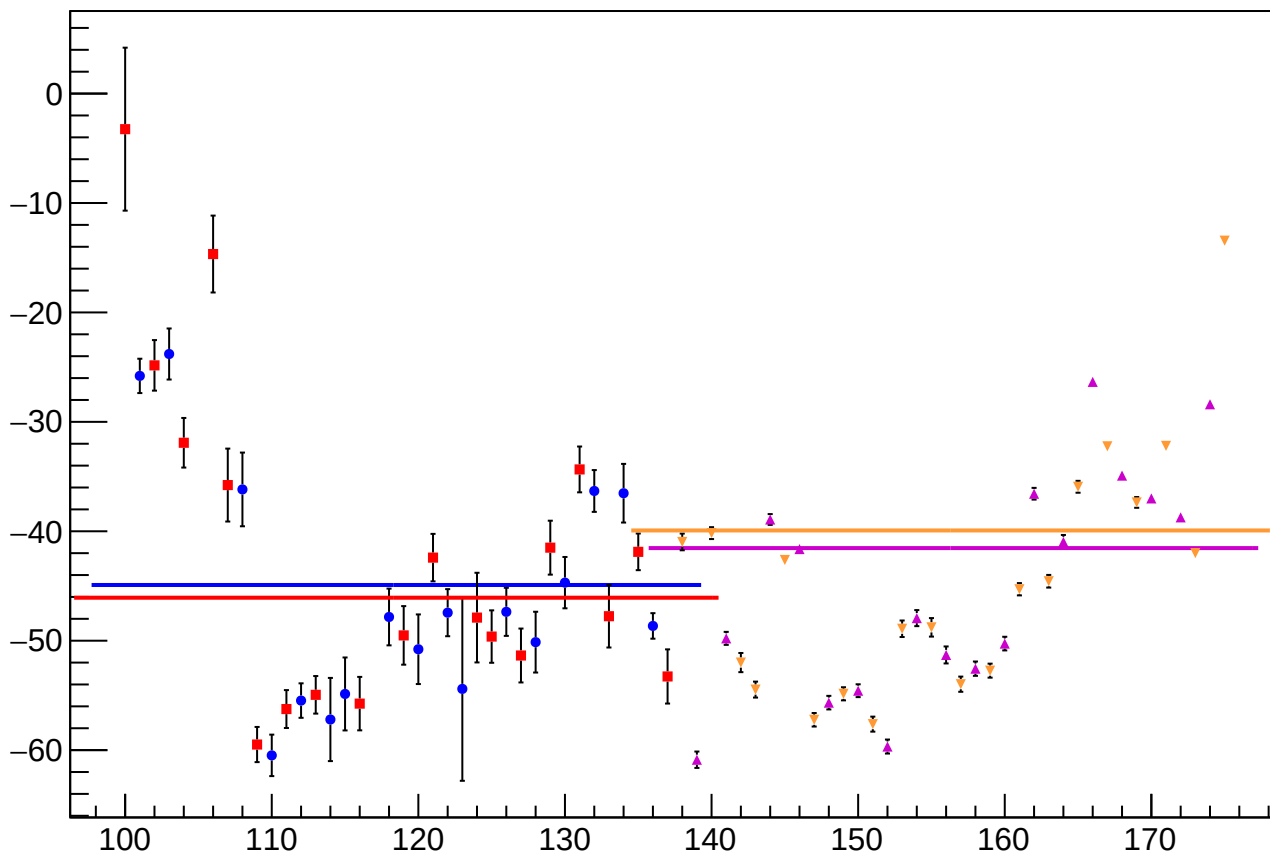
Left In: 0.969 ± 0.094 χ^2/NDF : 1167.0/17

+ sign 1.374 ± 0.088 χ^2/NDF : 2957.5/36

All: 1.035 ± 0.063 χ^2/NDF : 4547.9/73

- sign 0.680 ± 0.090 χ^2/NDF : 1559.9/36

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -39.925 ± 0.123 χ^2/NDF : 10048.1/19

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

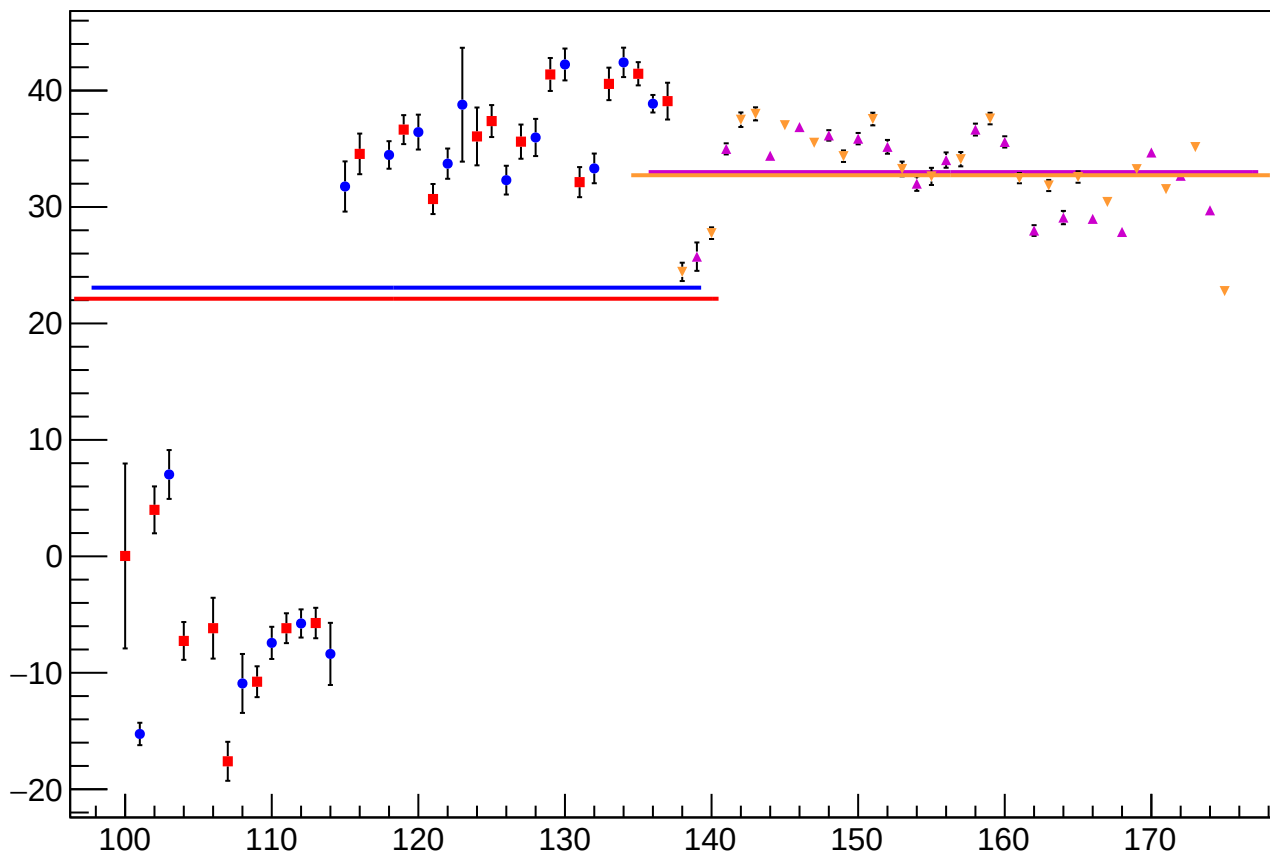
Left In: -41.536 ± 0.127 χ^2/NDF : 6038.6/17

+ sign -40.189 ± 0.120 χ^2/NDF : 10555.4/36

All: -40.966 ± 0.086 χ^2/NDF : 17203.4/73

- sign -41.782 ± 0.123 χ^2/NDF : 6562.3/36

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: 32.727 $\pm$ 0.105 χ^2 /NDF:1549.9/19

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

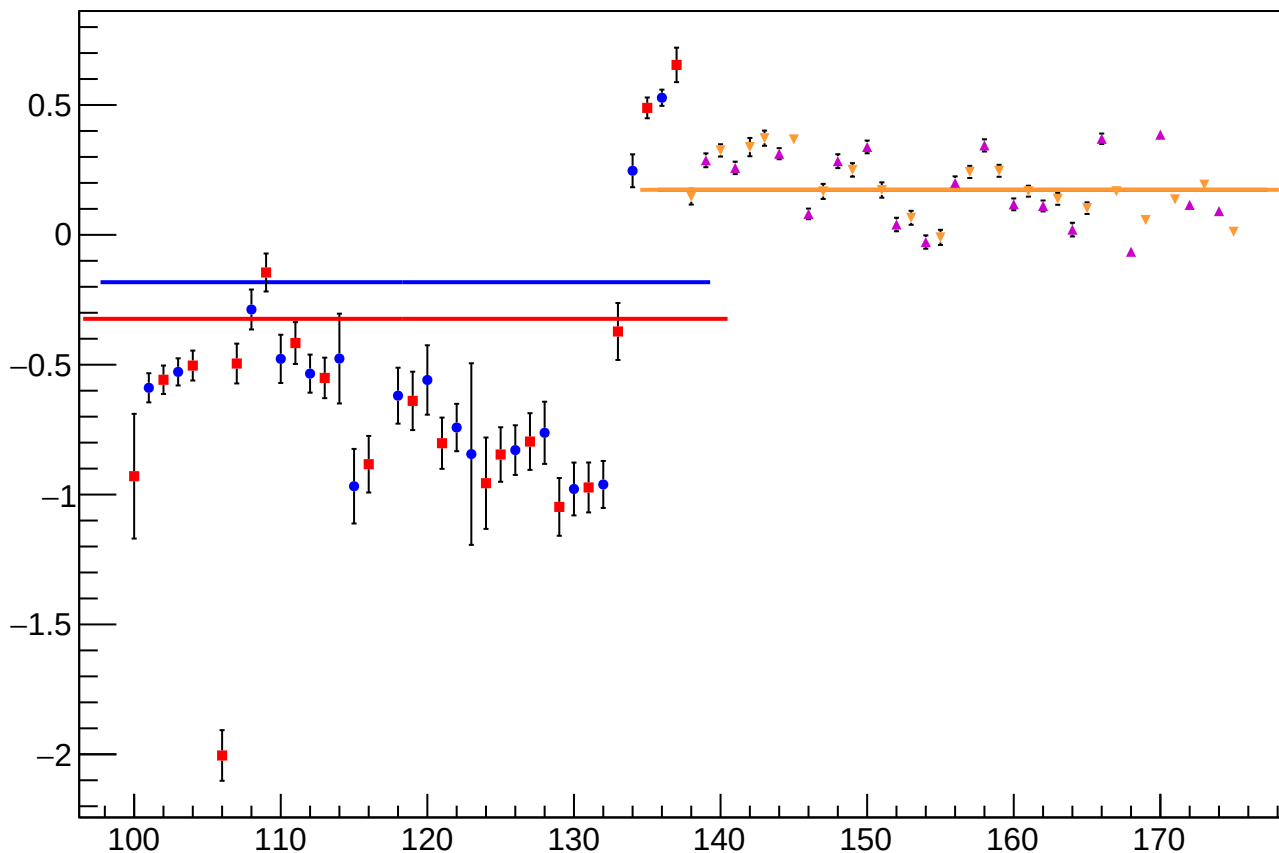
Left In: 32.996 $\pm$ 0.108 χ^2 /NDF:875.7/17

+ sign 31.823 $\pm$ 0.100 χ^2 /NDF: 6690.8/36

All: 31.911 $\pm$ 0.072 χ^2 /NDF: 12532.6/73

- sign 32.004 $\pm$ 0.103 χ^2 /NDF: 5840.2/36

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.173 ± 0.005 χ^2/NDF : 455.4/19

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

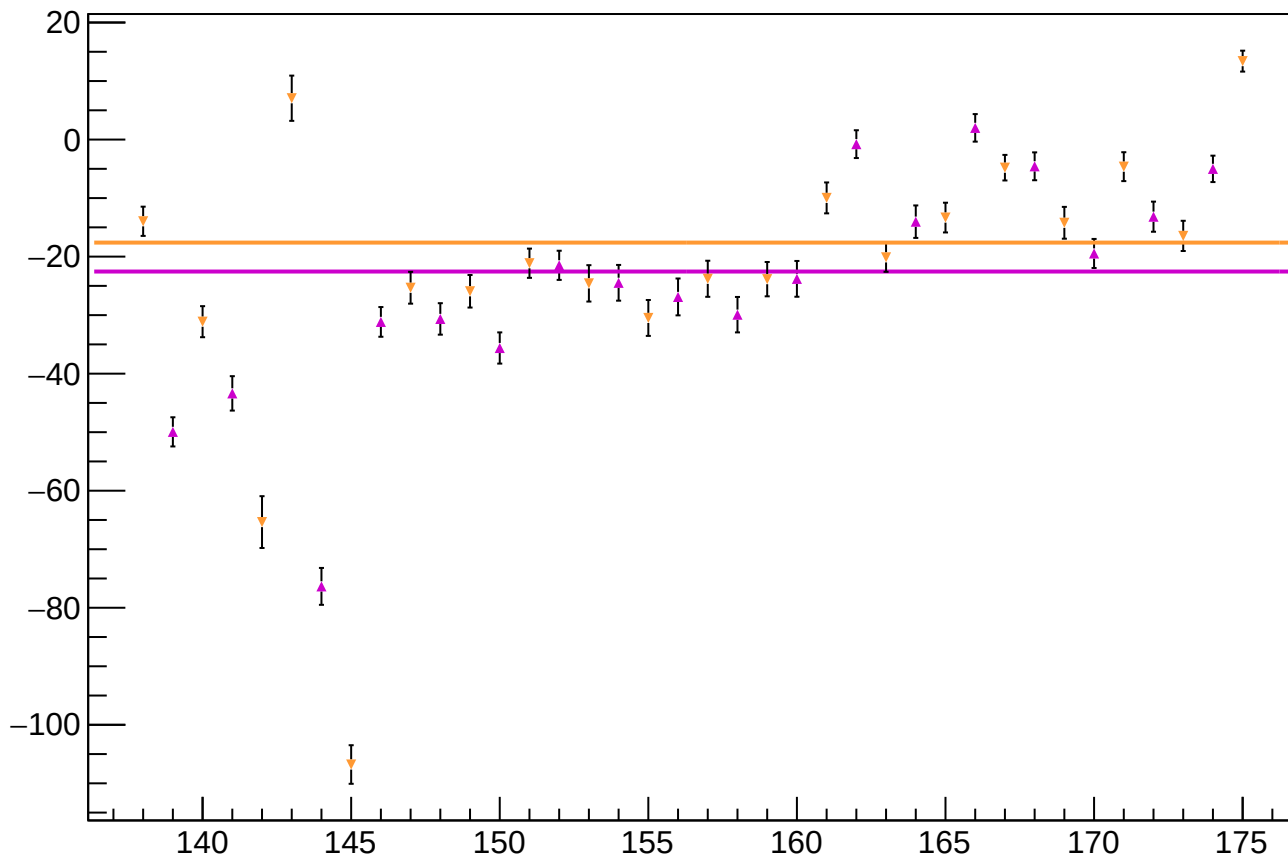
Left In: 0.174 ± 0.005 χ^2/NDF : 865.3/17

+ sign 0.148 ± 0.005 χ^2/NDF : 1827.8/36

All: 0.144 ± 0.003 χ^2/NDF : 4576.3/73

- sign 0.139 ± 0.005 χ^2/NDF : 2746.7/36

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -17.604 ± 0.597 χ^2/NDF : 1343.9/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

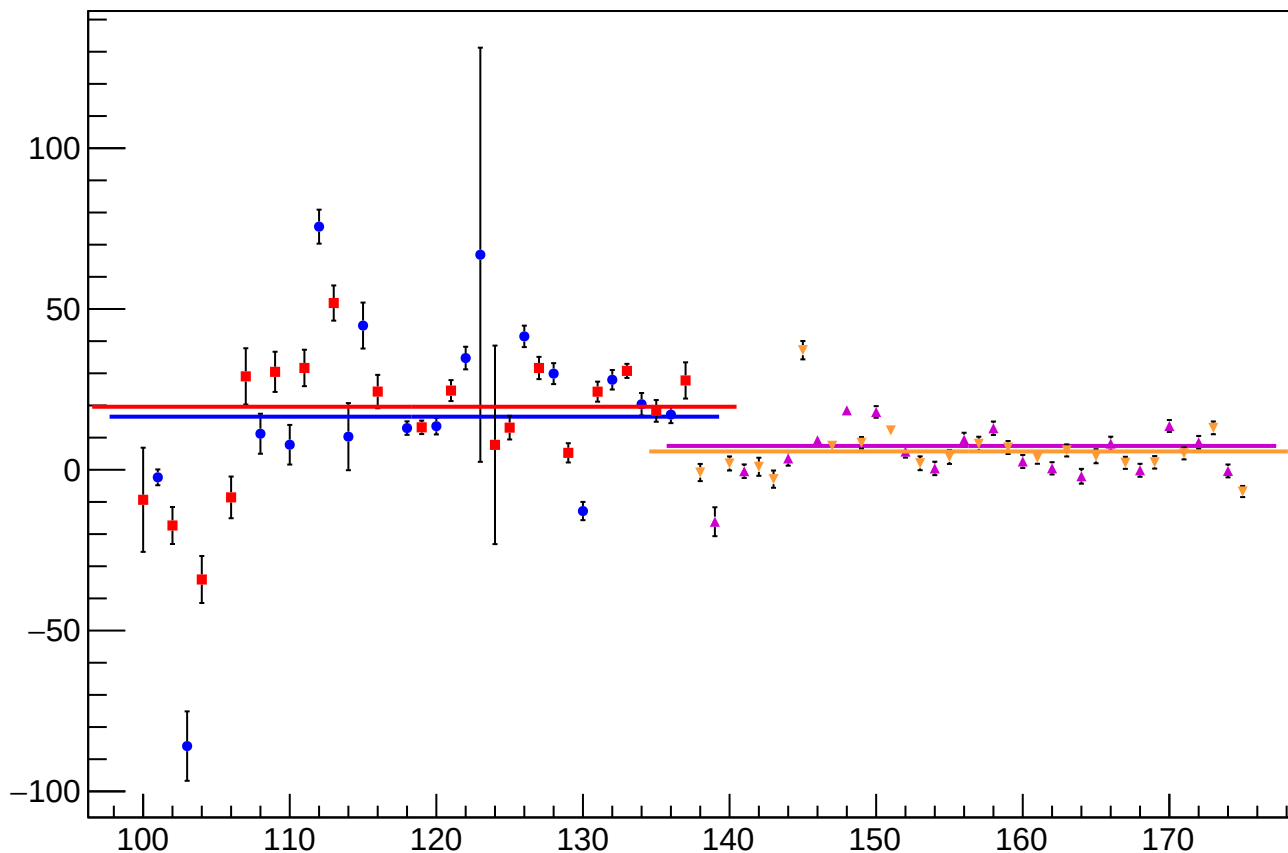
Left In: -22.550 ± 0.624 χ^2/NDF : 849.8/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.970 ± 0.431 χ^2/NDF : 2226.5/37

- 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: 5.703 $\pm$ 0.438 χ^2 /NDF: 247.6/19

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

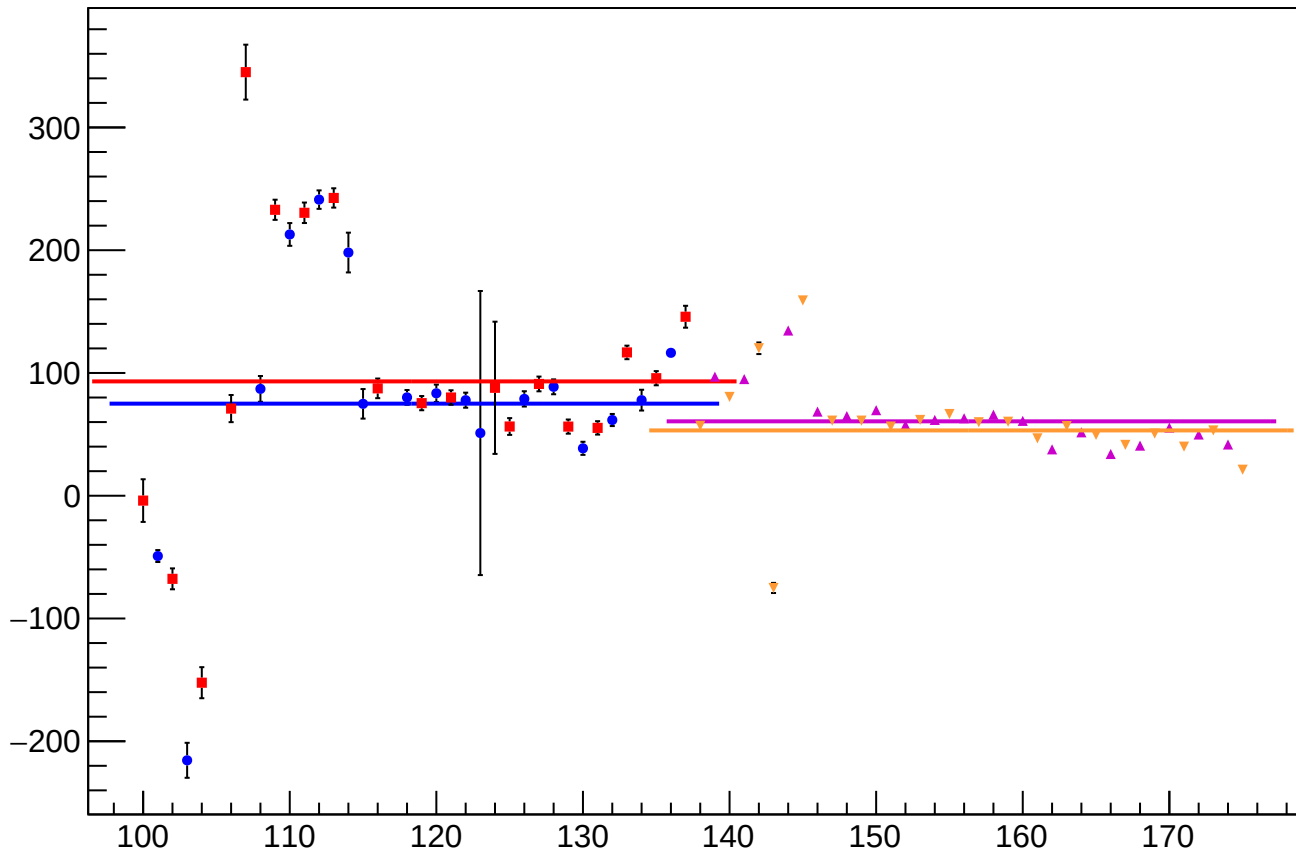
Left In: 7.417 $\pm$ 0.460 χ^2 /NDF: 247.9/17

+ sign 7.980 $\pm$ 0.389 χ^2 /NDF: 895.6/36

All: 8.913 $\pm$ 0.282 χ^2 /NDF: 1543.5/73

- sign 9.947 $\pm$ 0.409 χ^2 /NDF: 635.7/36

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2 /NDF: 1999.3/16

Left Out: 53.201+/-0.590 χ^2 /NDF:2672.0/19

Right Out: 93.140+/-1.711 χ^2 /NDF: 2002.3/18

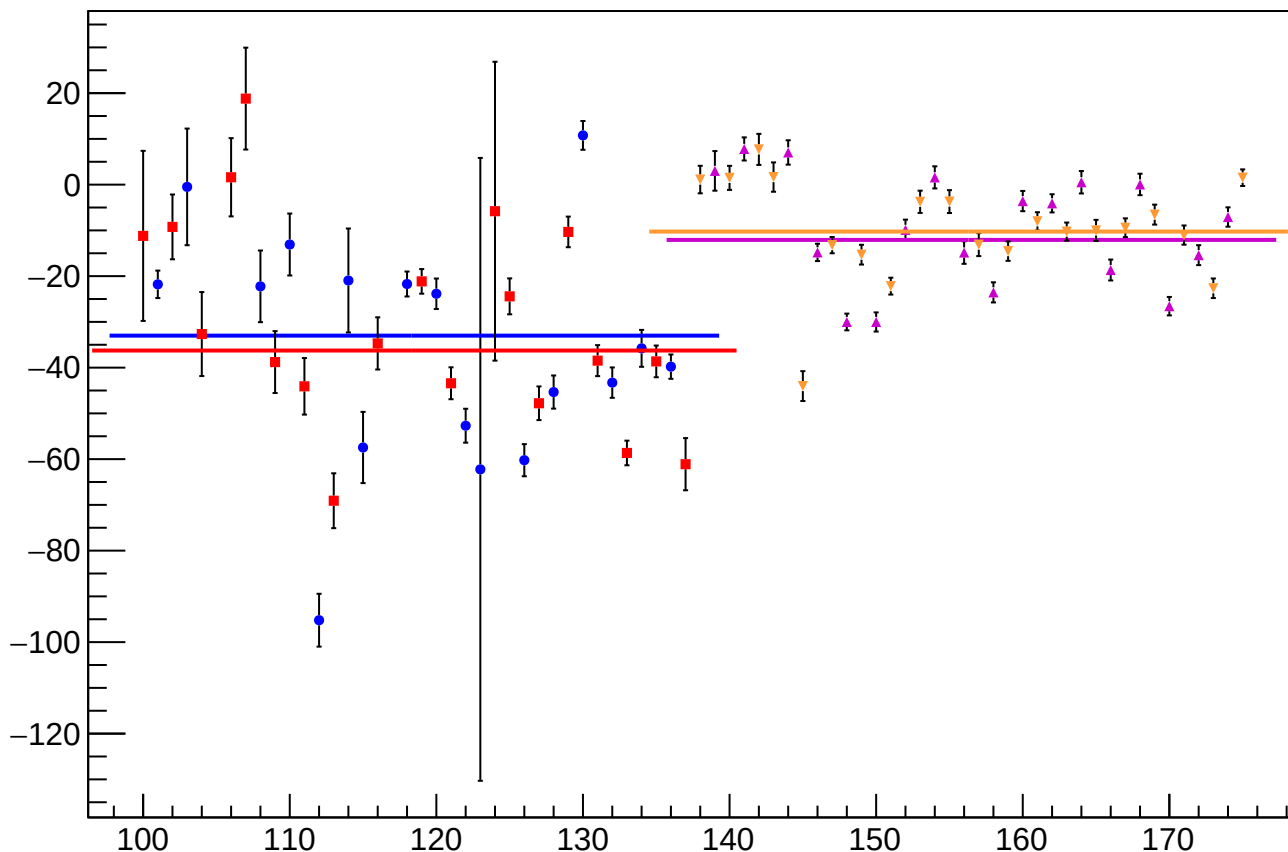
Left In: 60.605+/-0.616 χ^2 /NDF:1199.4/17

+ sign 55.715+/-0.555 χ^2 /NDF: 4828.6/36

All: 59.842+/-0.401 χ^2 /NDF: 8465.7/73

- sign 64.342+/-0.580 χ^2 /NDF: 3521.7/36

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.256 ± 0.503 χ^2/NDF : 333.1/19

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

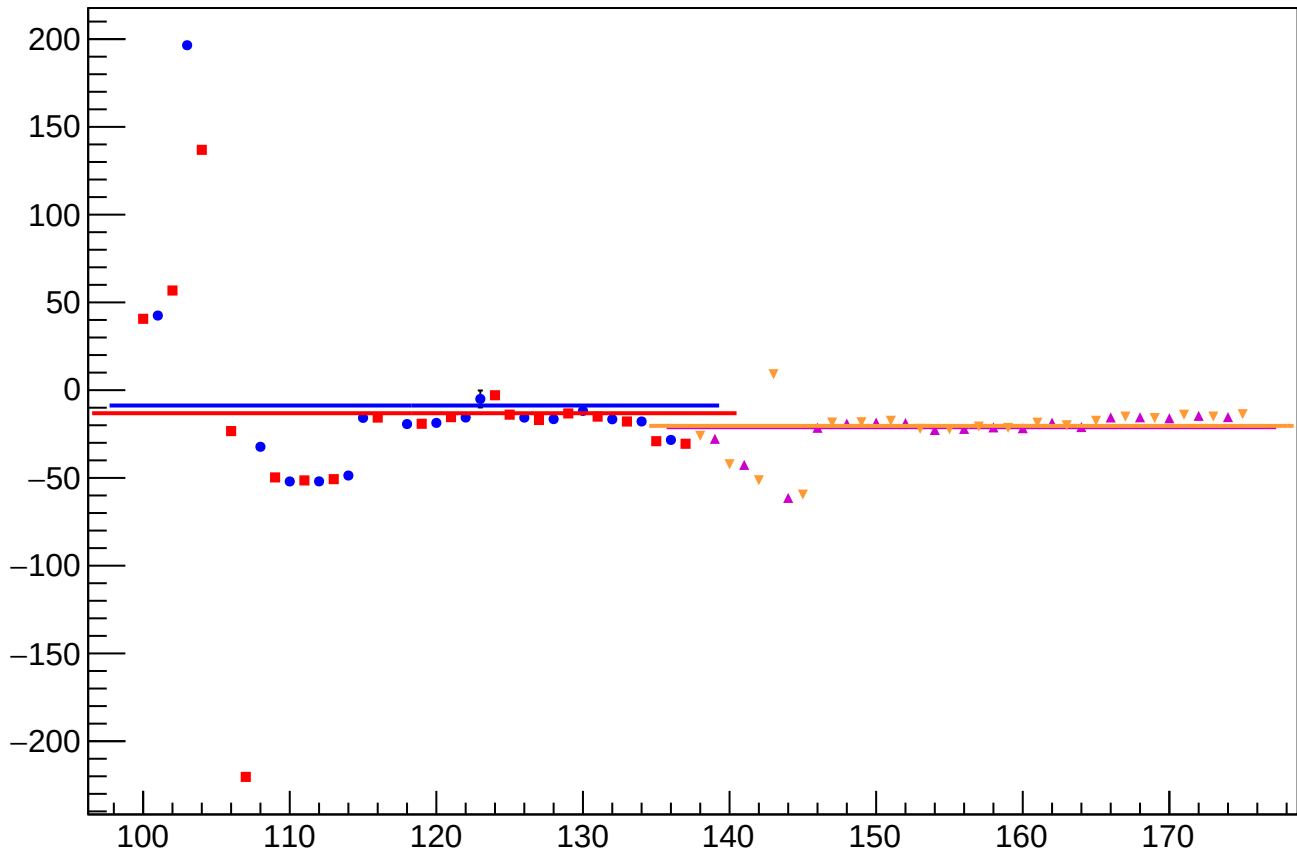
Left In: -12.079 ± 0.529 χ^2/NDF : 510.9/17

+ sign -15.056 ± 0.446 χ^2/NDF : 1258.6/36

All: -16.053 ± 0.324 χ^2/NDF : 2516.4/73

- sign -17.158 ± 0.470 χ^2/NDF : 1247.3/36

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -20.344 ± 0.023 $\chi^2/\text{NDF}: 199609.6/19$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

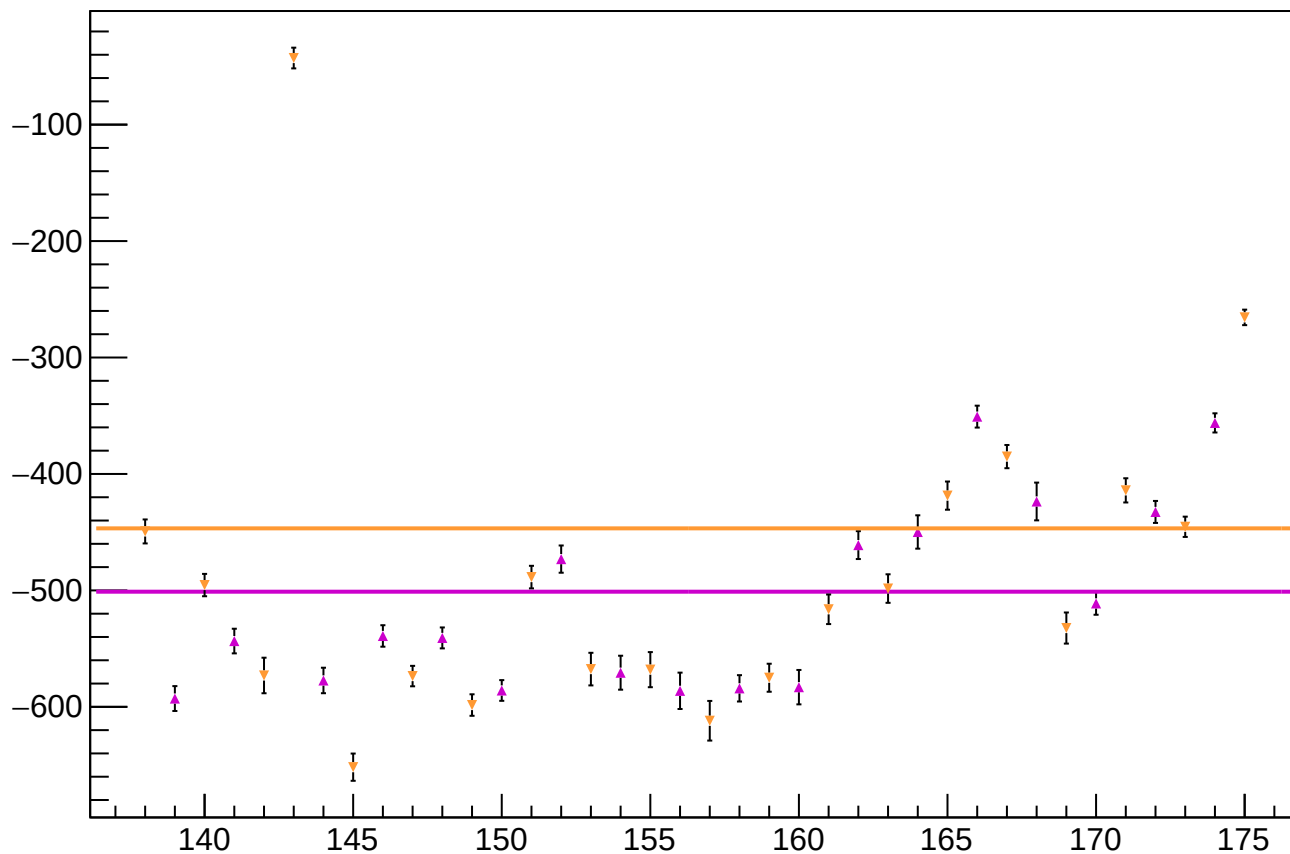
Left In: -21.114 ± 0.024 $\chi^2/\text{NDF}: 129733.7/17$

+ sign -18.765 ± 0.022 $\chi^2/\text{NDF}: 809193.7/36$

All: -19.405 ± 0.016 $\chi^2/\text{NDF}: 1513843.7/73$

- sign -20.078 ± 0.022 $\chi^2/\text{NDF}: 702867.6/36$

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: 0.000±0.000 χ^2/NDF : 0.0/0

Left Out: -446.722±2.356 χ^2/NDF : 4190.4/19

Right Out: 0.000±0.000 χ^2/NDF : 0.0/0

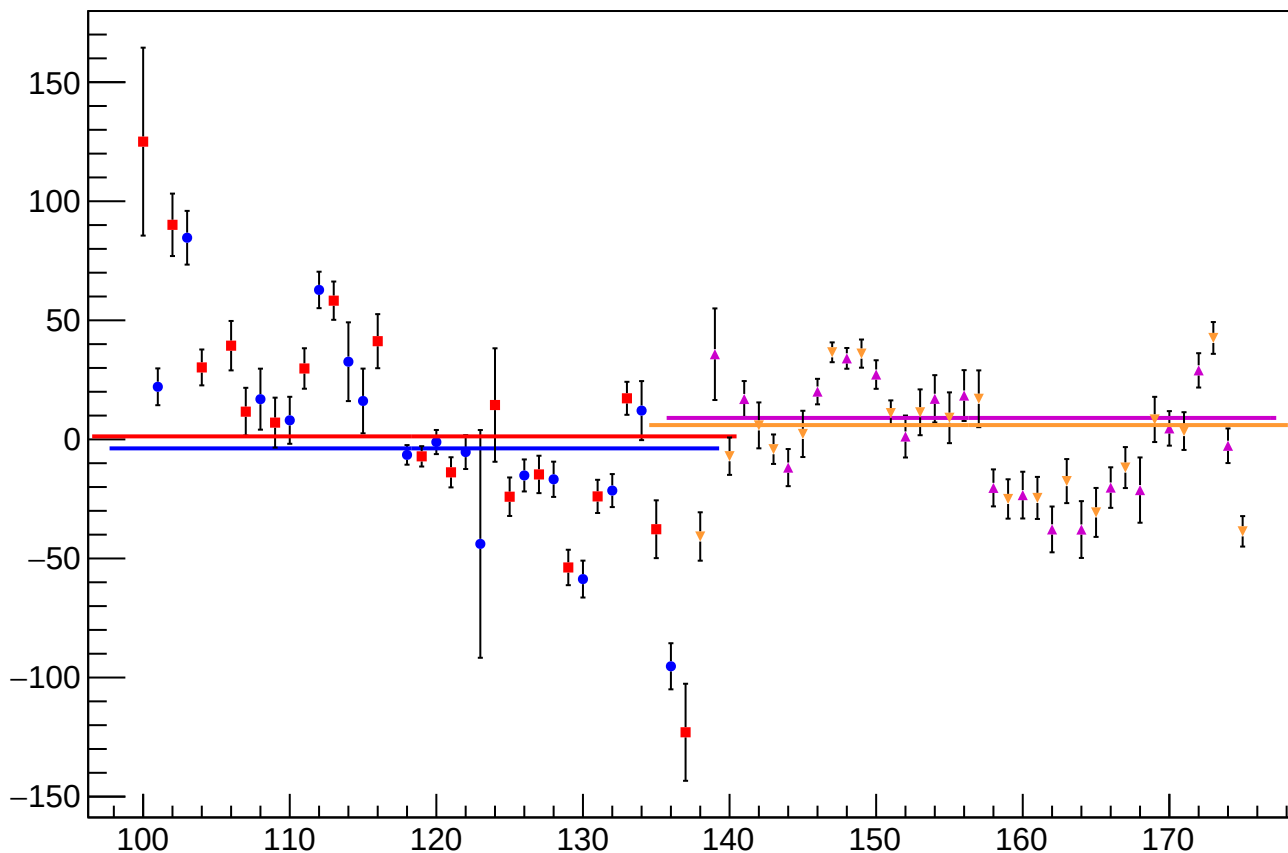
Left In: -501.111±2.541 χ^2/NDF : 1074.9/17

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: -471.864±1.728 χ^2/NDF : 5511.6/37

- 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: 6.010±1.672 χ^2/NDF : 237.0/19

Right Out: 1.265±1.920 χ^2/NDF : 303.7/18

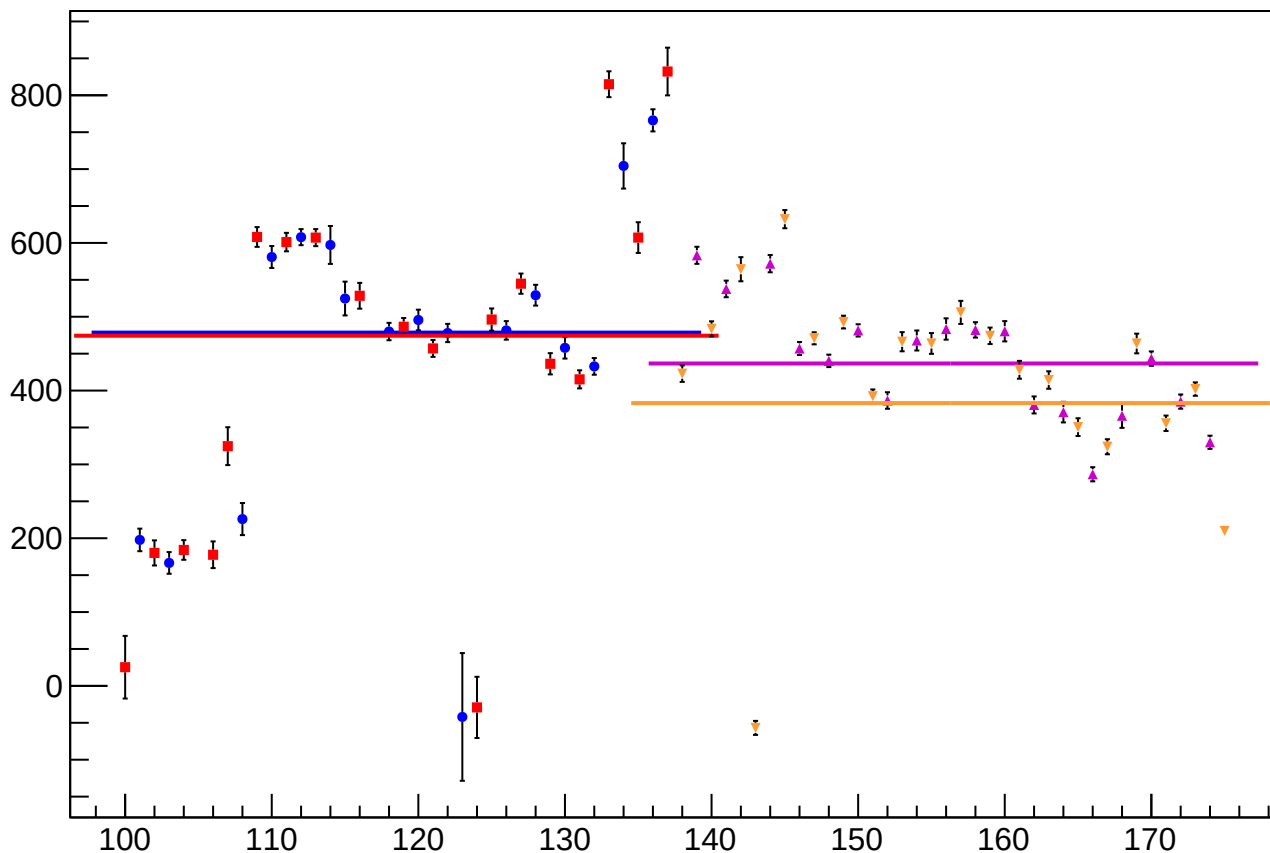
Left In: 9.014±1.811 χ^2/NDF : 150.5/17

+ sign 1.710±1.252 χ^2/NDF : 566.4/36

All: 3.446±0.908 χ^2/NDF : 1033.4/73

- sign 5.367±1.317 χ^2/NDF : 462.9/36

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 383.054 $\pm$ 2.343 χ^2 /NDF: 4056.3/19

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

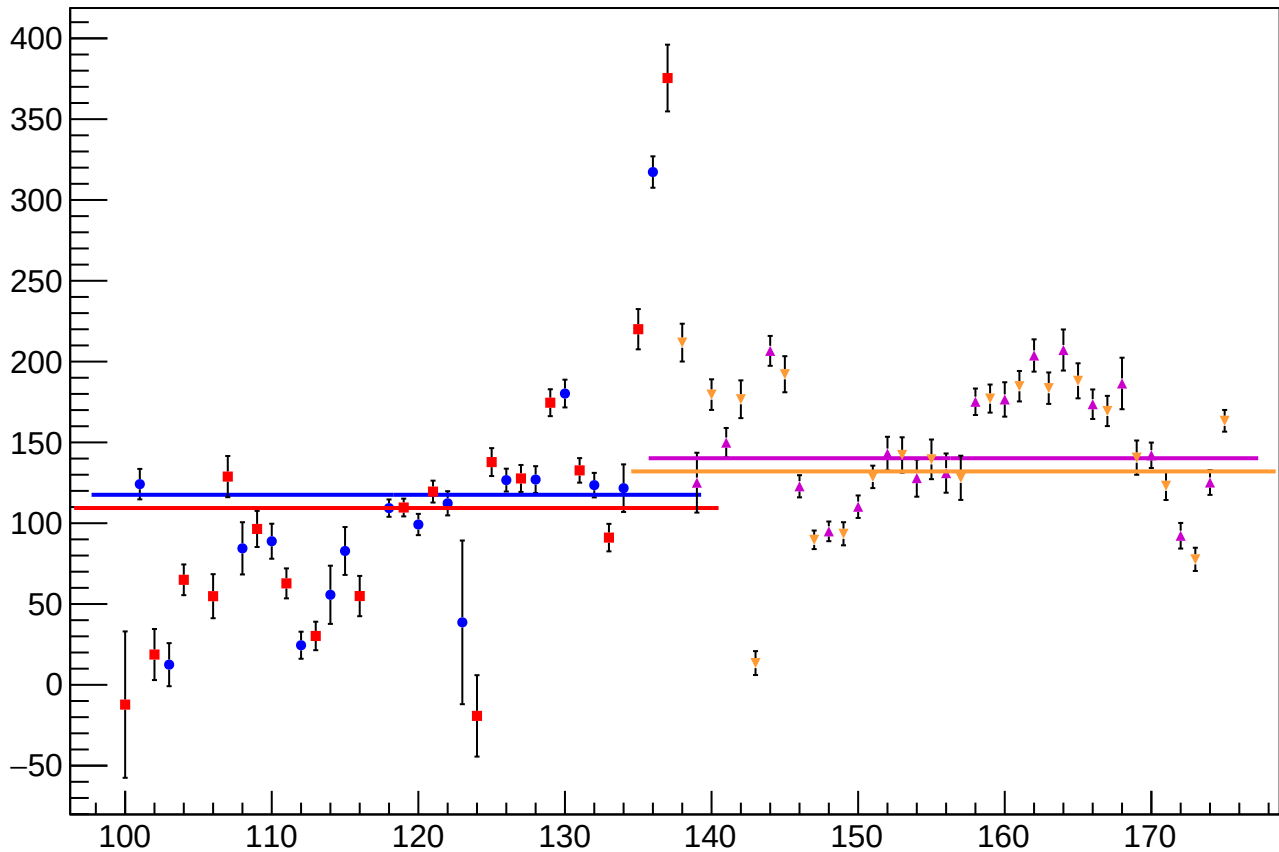
Left In: 436.693 $\pm$ 2.517 χ^2 /NDF: 955.5/17

+ sign 411.124 $\pm$ 1.968 χ^2 /NDF: 6173.6/36

All: 429.469 $\pm$ 1.420 χ^2 /NDF: 9672.6/73

- sign 449.366 $\pm$ 2.050 χ^2 /NDF: 3317.9/36

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 132.050 ± 1.956 $\chi^2/\text{NDF}: 667.0/19$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

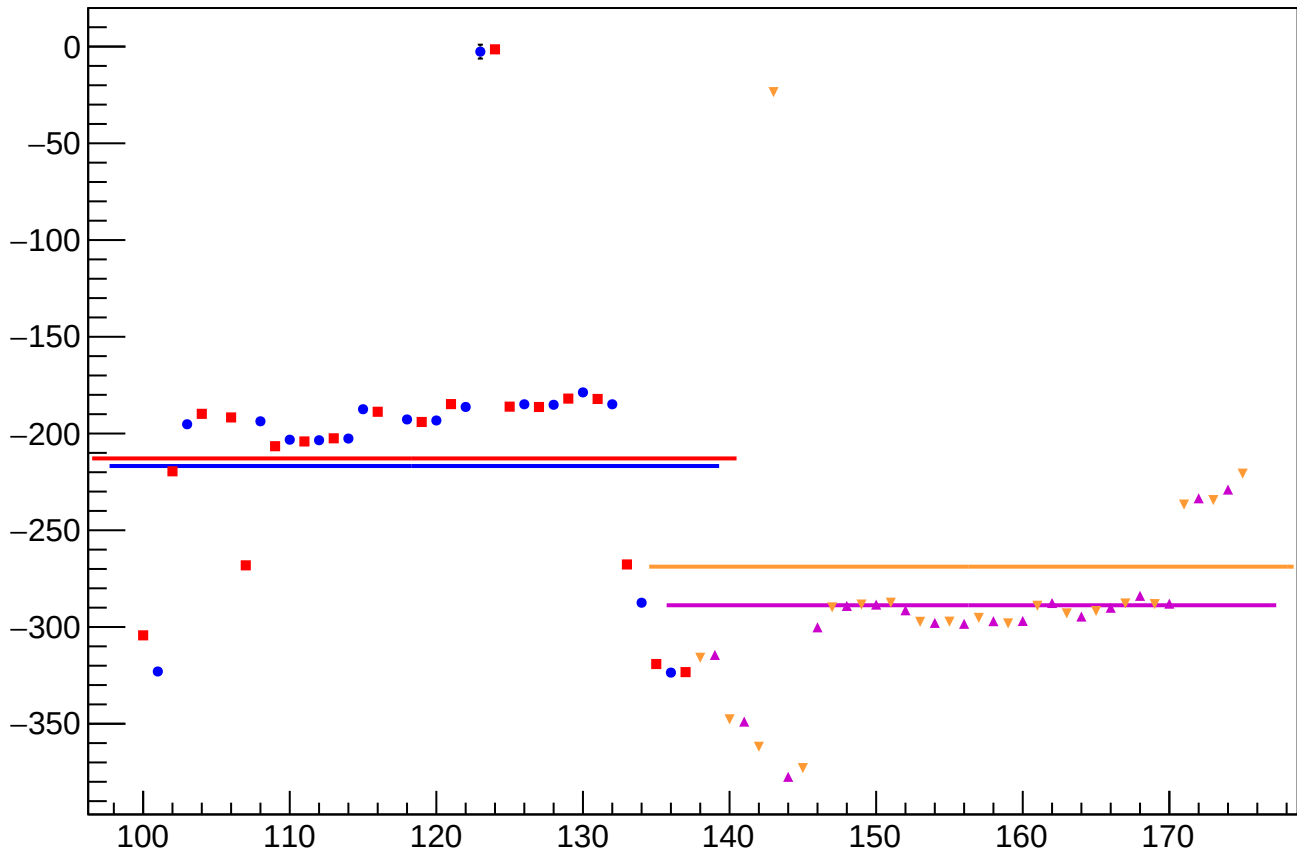
Left In: 140.210 ± 2.113 $\chi^2/\text{NDF}: 295.7/17$

+ sign 125.642 ± 1.460 $\chi^2/\text{NDF}: 1398.2/36$

All: 125.573 ± 1.055 $\chi^2/\text{NDF}: 2366.6/73$

- sign 125.497 ± 1.527 $\chi^2/\text{NDF}: 968.4/36$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -268.811 ± 0.095 $\chi^2/\text{NDF}: 598623.8/19$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

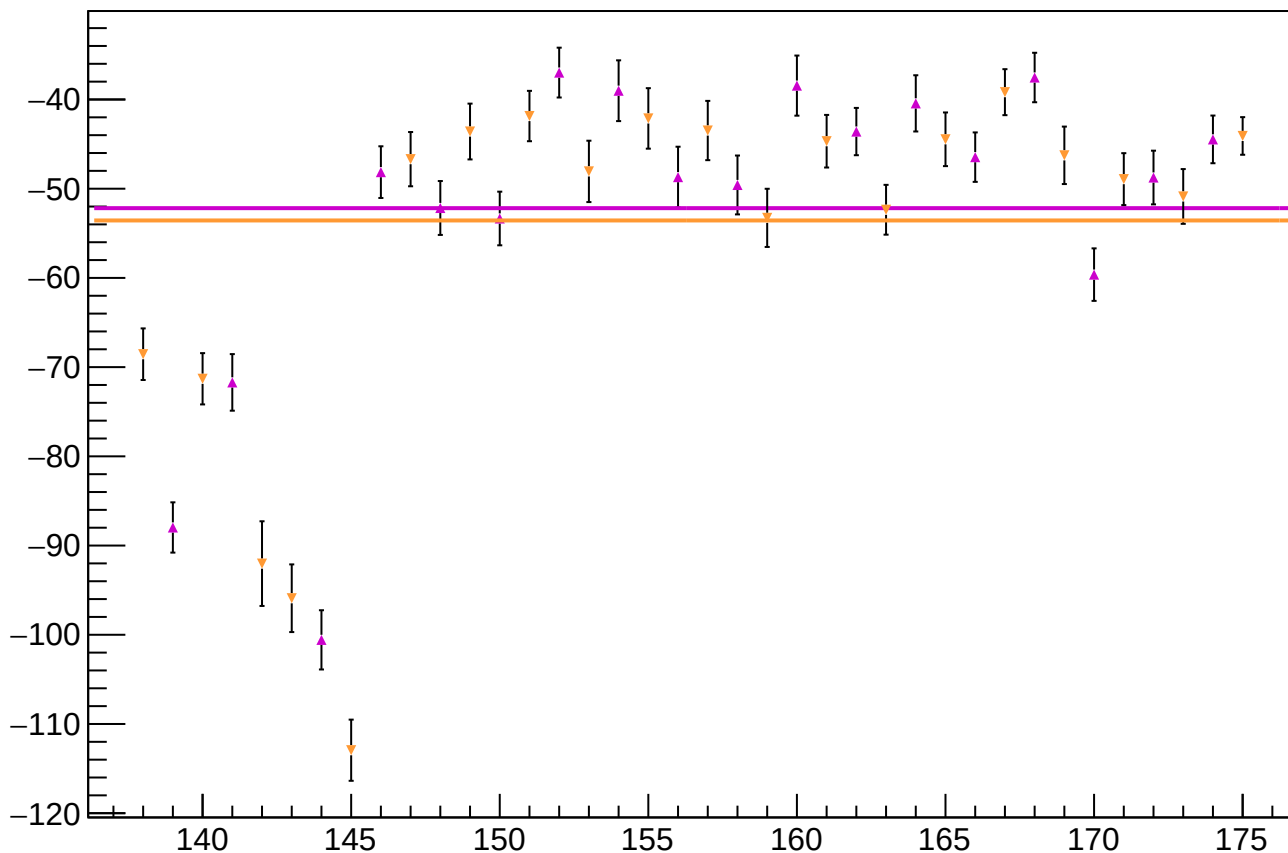
Left In: -288.755 ± 0.099 $\chi^2/\text{NDF}: 113586.1/17$

+ sign -251.789 ± 0.078 $\chi^2/\text{NDF}: 844516.6/36$

All: -256.364 ± 0.055 $\chi^2/\text{NDF}: 1297431.9/73$

- sign -261.061 ± 0.079 $\chi^2/\text{NDF}: 445871.6/36$

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -53.559+/-0.677 χ^2/NDF : 689.1/19

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

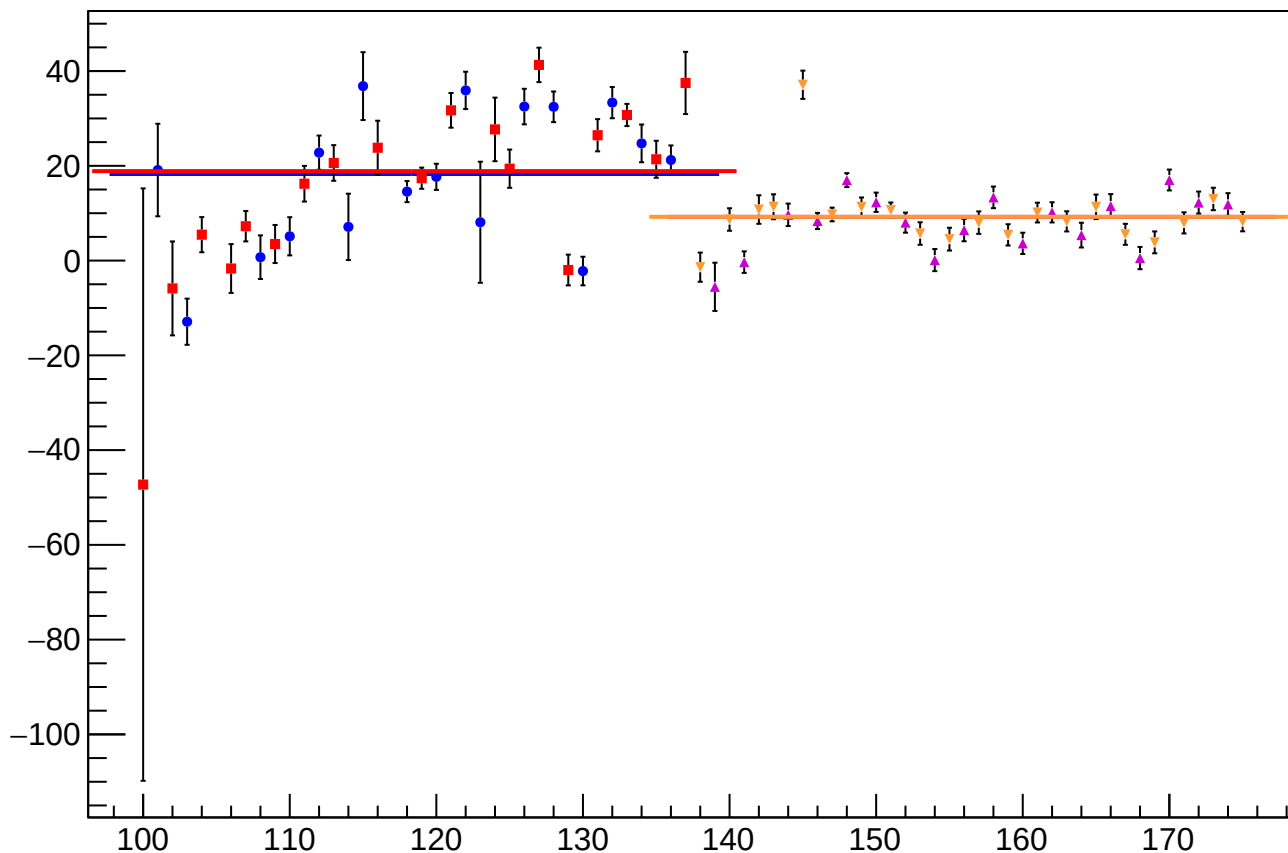
Left In: -52.181+/-0.706 χ^2/NDF : 549.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.899+/-0.489 χ^2/NDF : 1240.3/37

- 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: 9.236 $\pm$ 0.494 χ^2 /NDF:123.8/19

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

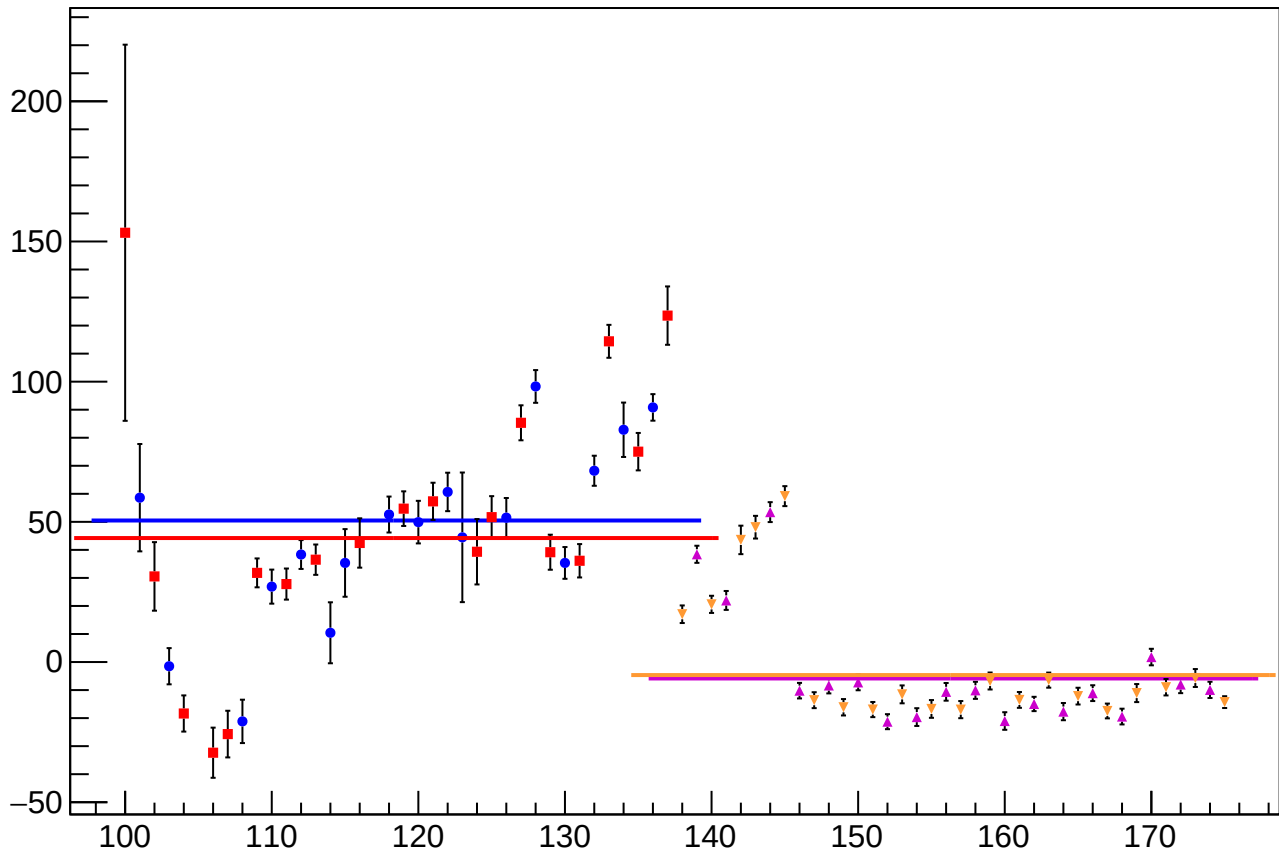
Left In: 9.223 $\pm$ 0.519 χ^2 /NDF:115.2/17

+ sign 11.308 $\pm$ 0.433 χ^2 /NDF: 405.3/36

All: 11.540 $\pm$ 0.311 χ^2 /NDF: 811.3/73

- sign 11.785 $\pm$ 0.445 χ^2 /NDF: 405.4/36

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2/NDF : 357.9/16

Left Out: -4.648 $\pm$ 0.669 χ^2/NDF : 846.4/19

Right Out: 44.222 $\pm$ 1.602 χ^2/NDF : 534.4/18

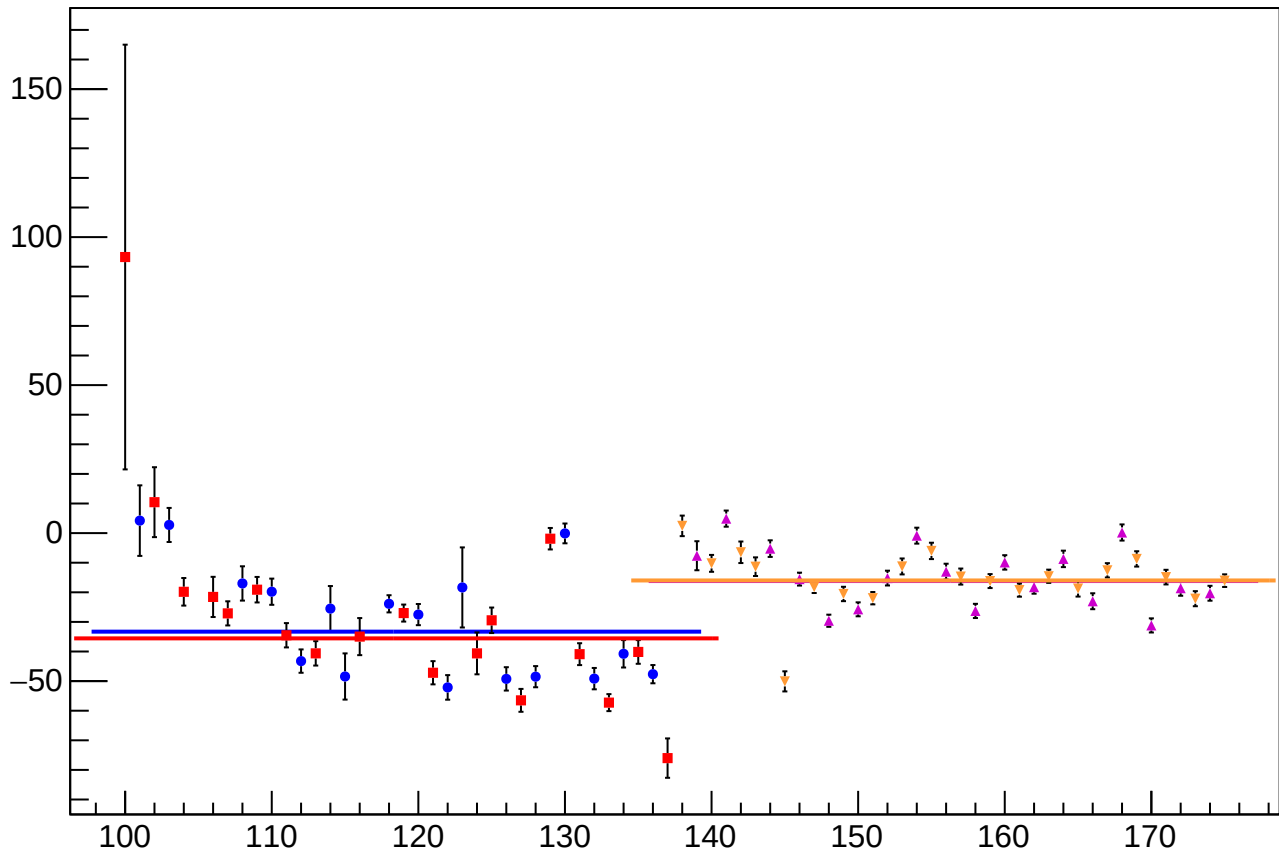
Left In: -5.865 $\pm$ 0.697 χ^2/NDF : 705.0/17

+ sign 2.990 $\pm$ 0.621 χ^2/NDF : 2145.4/36

All: 2.561 $\pm$ 0.445 χ^2/NDF : 4207.2/73

- sign 2.106 $\pm$ 0.639 χ^2/NDF : 2060.9/36

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -15.996 ± 0.568 χ^2/NDF : 191.0/19

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

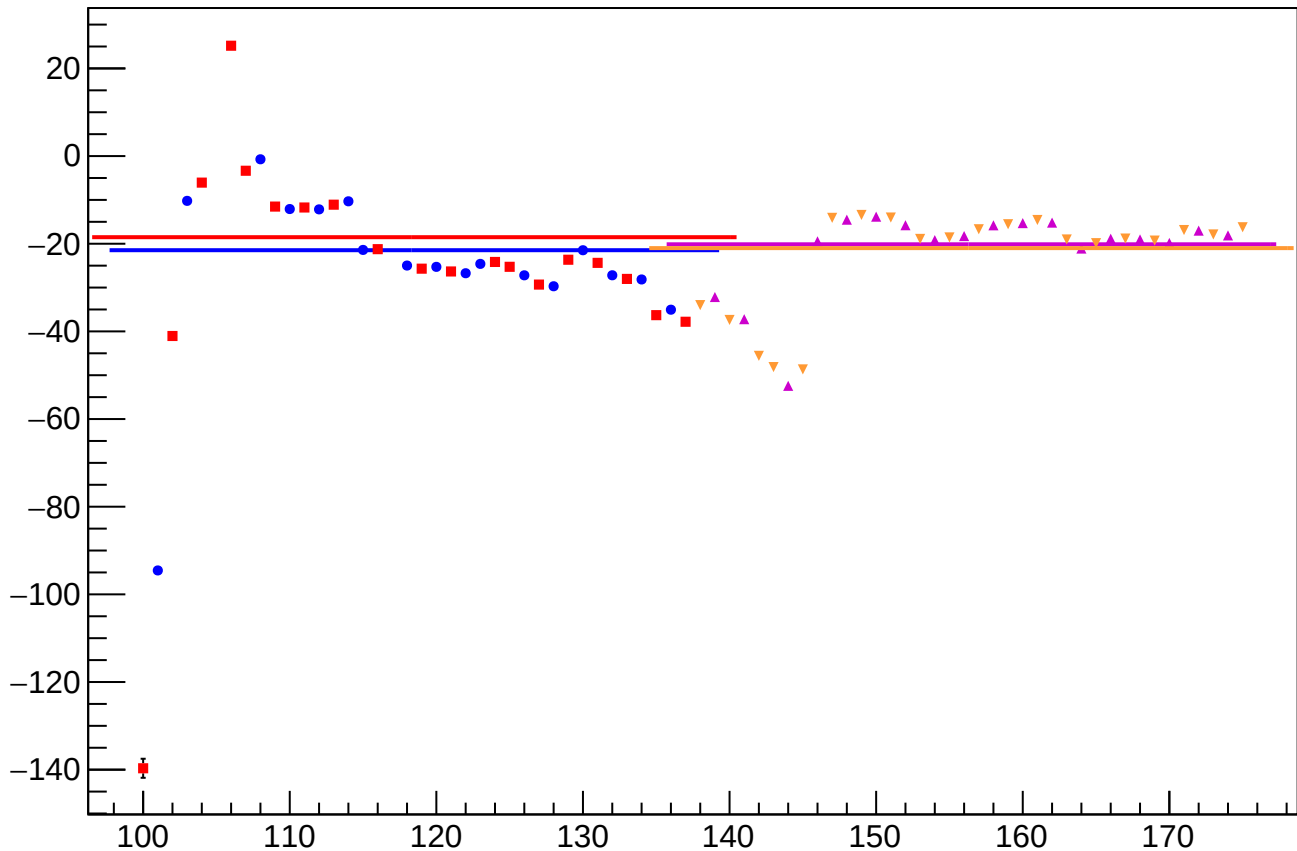
Left In: -16.195 ± 0.597 χ^2/NDF : 289.2/17

+ sign -20.012 ± 0.498 χ^2/NDF : 695.4/36

All: -20.661 ± 0.357 χ^2/NDF : 1555.3/73

- sign -21.346 ± 0.512 χ^2/NDF : 856.4/36

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -21.001 ± 0.026 $\chi^2/\text{NDF}: 131983.7/19$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

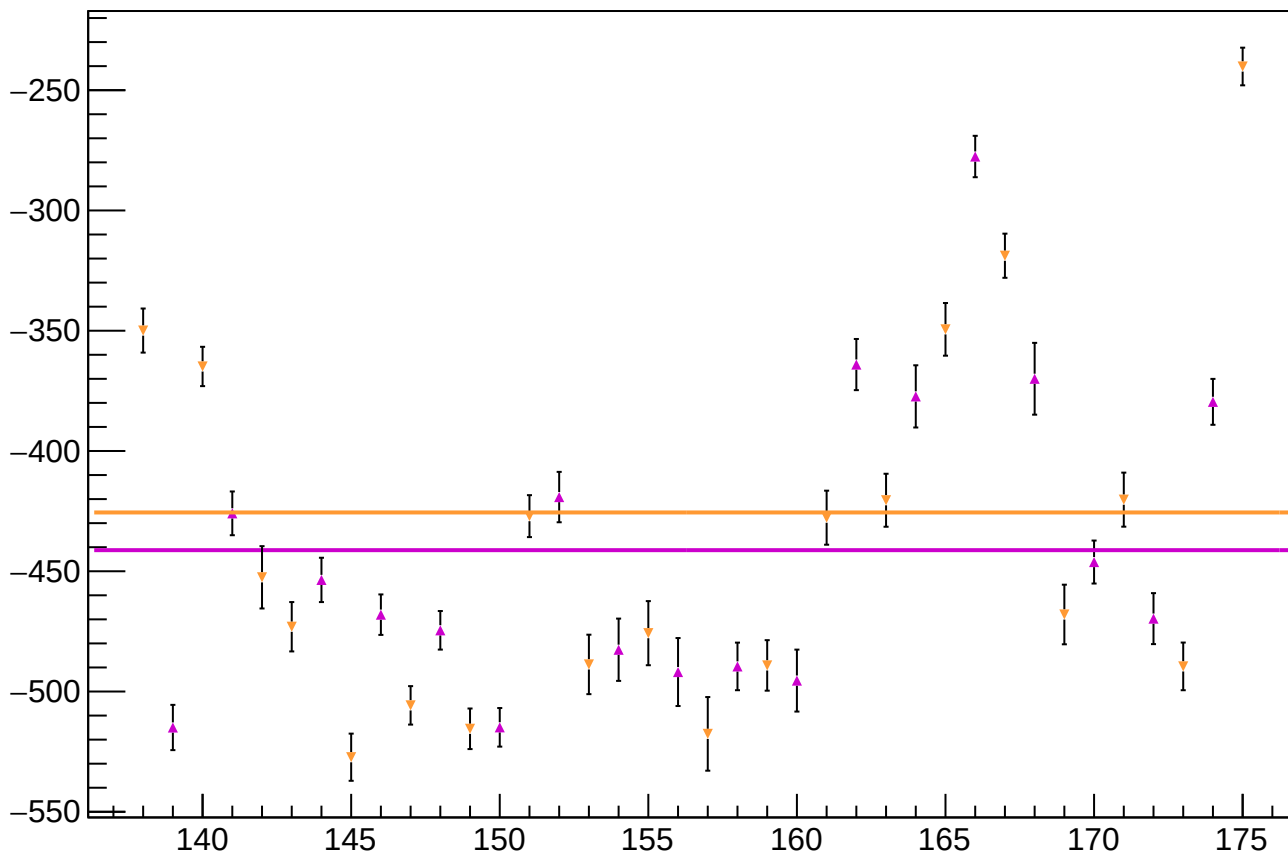
Left In: -20.129 ± 0.027 $\chi^2/\text{NDF}: 85797.2/17$

+ sign -21.081 ± 0.024 $\chi^2/\text{NDF}: 181048.1/36$

All: -20.466 ± 0.017 $\chi^2/\text{NDF}: 349555.0/73$

- sign -19.834 ± 0.024 $\chi^2/\text{NDF}: 167186.8/36$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -425.555 $\pm$ 2.245 χ^2 /NDF:1382.5/19

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

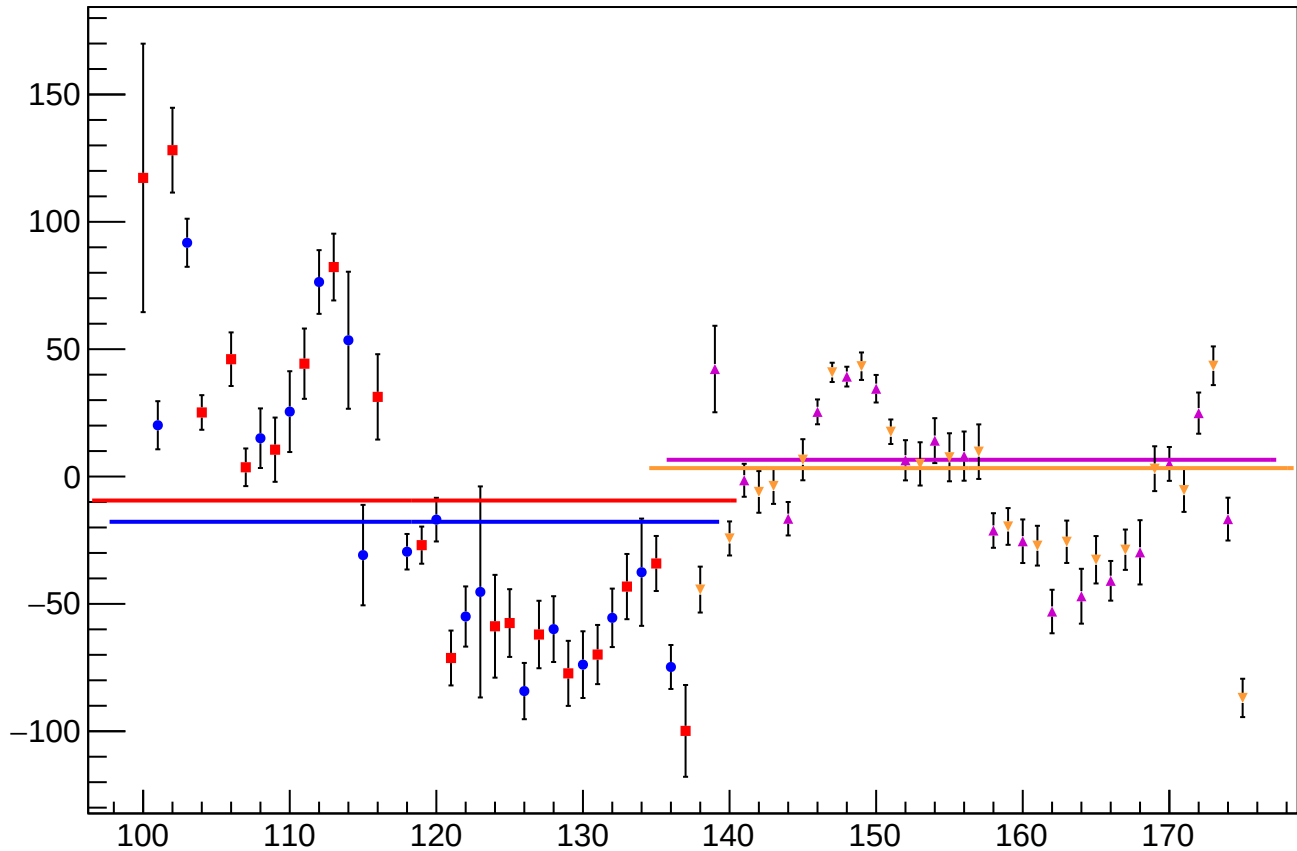
Left In: -441.229 $\pm$ 2.344 χ^2 /NDF:757.7/17

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

All: -433.053 $\pm$ 1.621 χ^2 /NDF: 2163.5/37

- 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: 3.308 ± 1.571 χ^2/NDF : 451.8/19

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

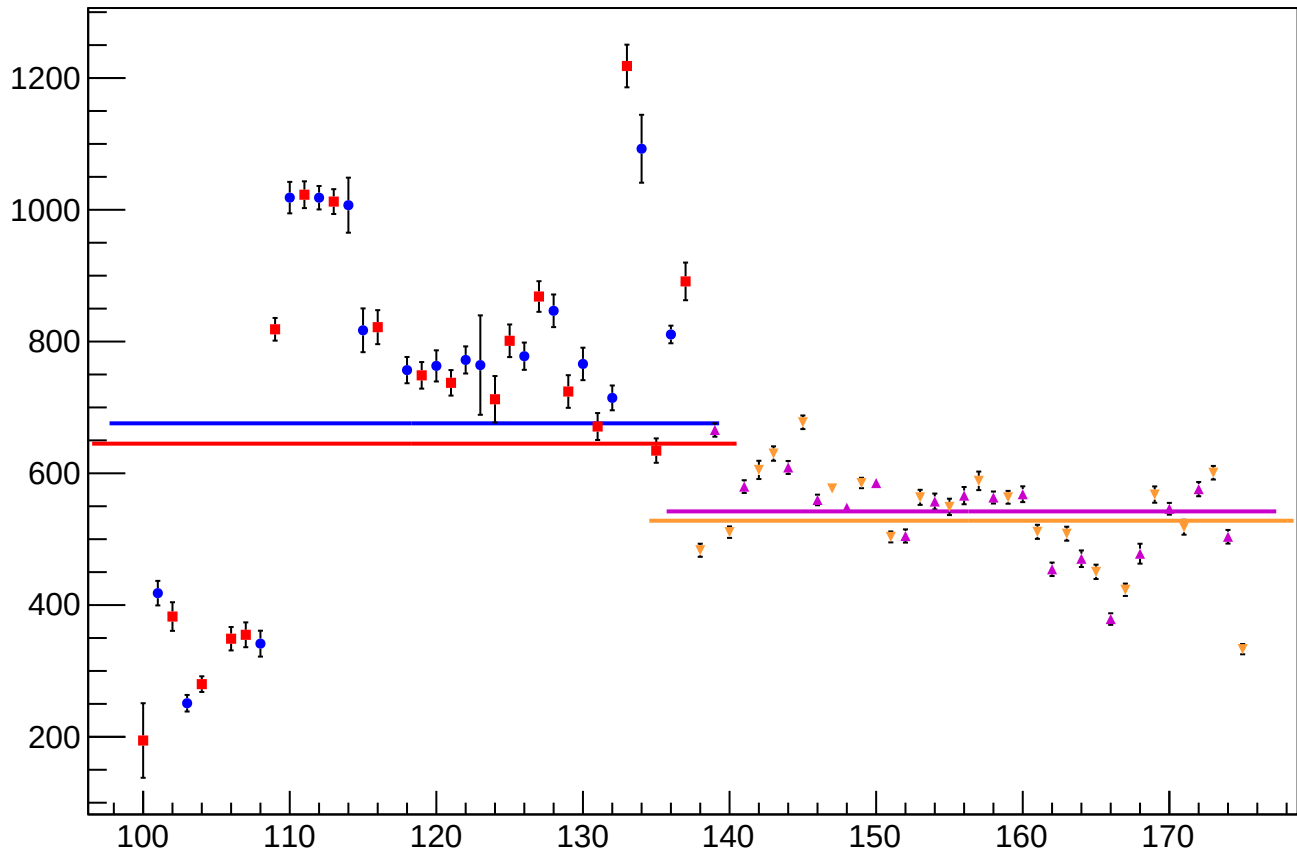
Left In: 6.579 ± 1.655 χ^2/NDF : 293.7/17

+ sign -1.787 ± 1.368 χ^2/NDF : 859.2/36

All: 0.065 ± 0.978 χ^2/NDF : 1553.0/73

- sign 2.000 ± 1.398 χ^2/NDF : 690.0/36

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 $\pm$ 5.037 χ^2 /NDF: 2586.4/16

Left Out: 528.047 $\pm$ 2.226 χ^2 /NDF:1364.1/19

Right Out: 645.014 $\pm$ 4.761 χ^2 /NDF: 3123.3/18

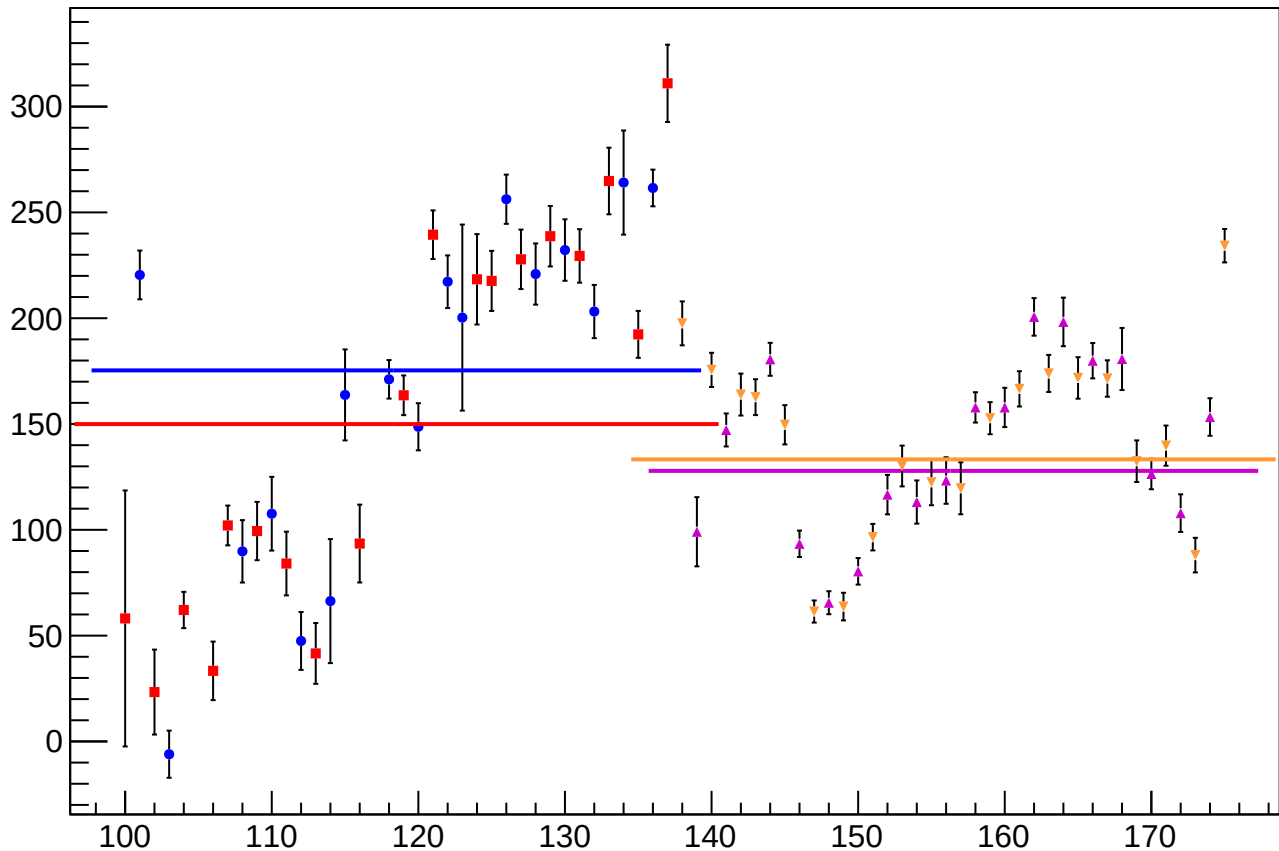
Left In: 542.183 $\pm$ 2.314 χ^2 /NDF:770.9/17

+ sign 552.195 $\pm$ 2.036 χ^2 /NDF: 4671.0/36

All: 556.906 $\pm$ 1.455 χ^2 /NDF: 8953.6/73

- sign 561.829 $\pm$ 2.081 χ^2 /NDF: 4271.6/36

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 133.301 $\pm$ 1.848 χ^2 /NDF: 703.8/19

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

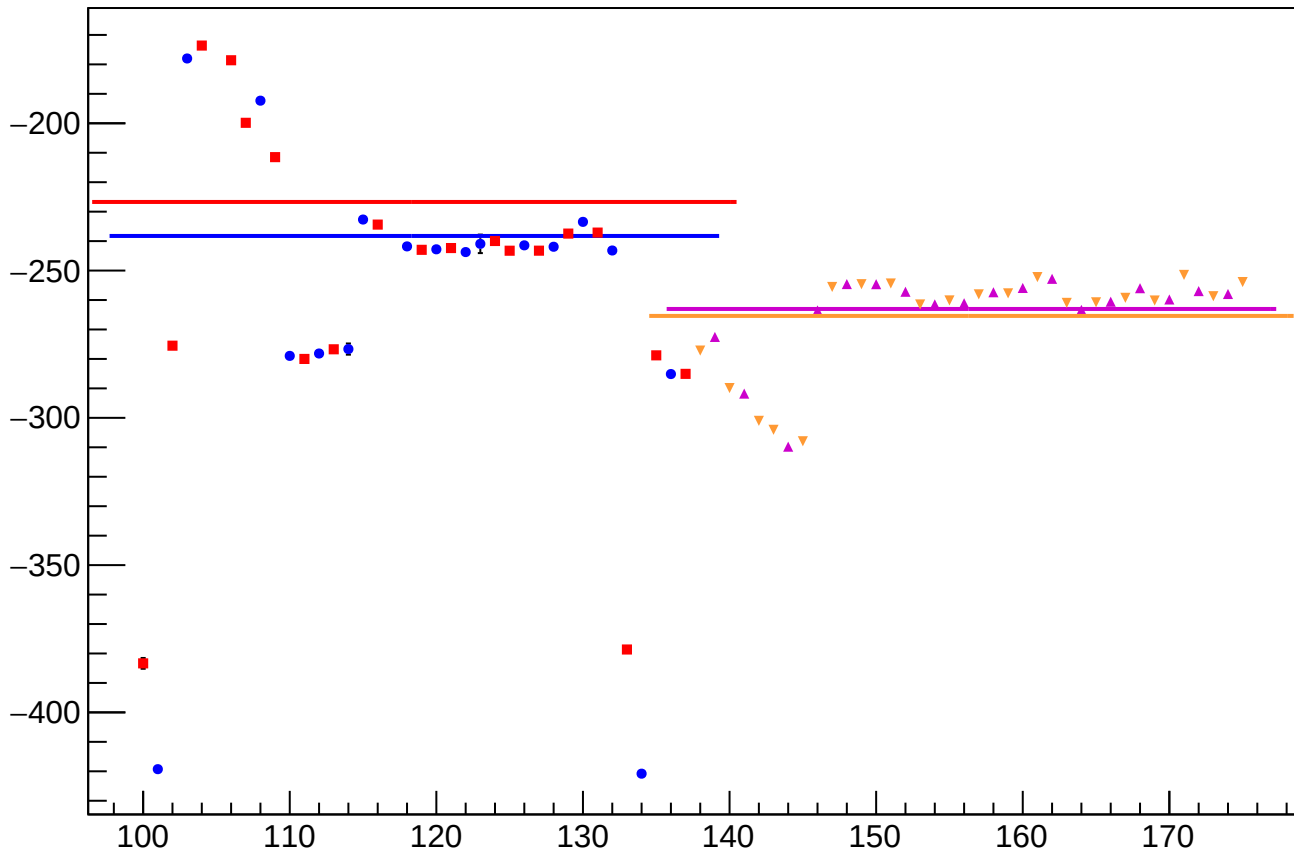
Left In: 127.854 $\pm$ 1.940 χ^2 /NDF: 475.9/17

+ sign 143.798 $\pm$ 1.600 χ^2 /NDF: 1471.5/36

All: 139.122 $\pm$ 1.144 χ^2 /NDF: 2695.6/73

- sign 134.237 $\pm$ 1.636 χ^2 /NDF: 1206.6/36

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 $\pm$ 0.160 χ^2 /NDF: 167125.9/16

Left Out: -265.396 $\pm$ 0.090 χ^2 /NDF: 35502.5/19

Right Out: -226.706 $\pm$ 0.151 χ^2 /NDF: 102831.3/18

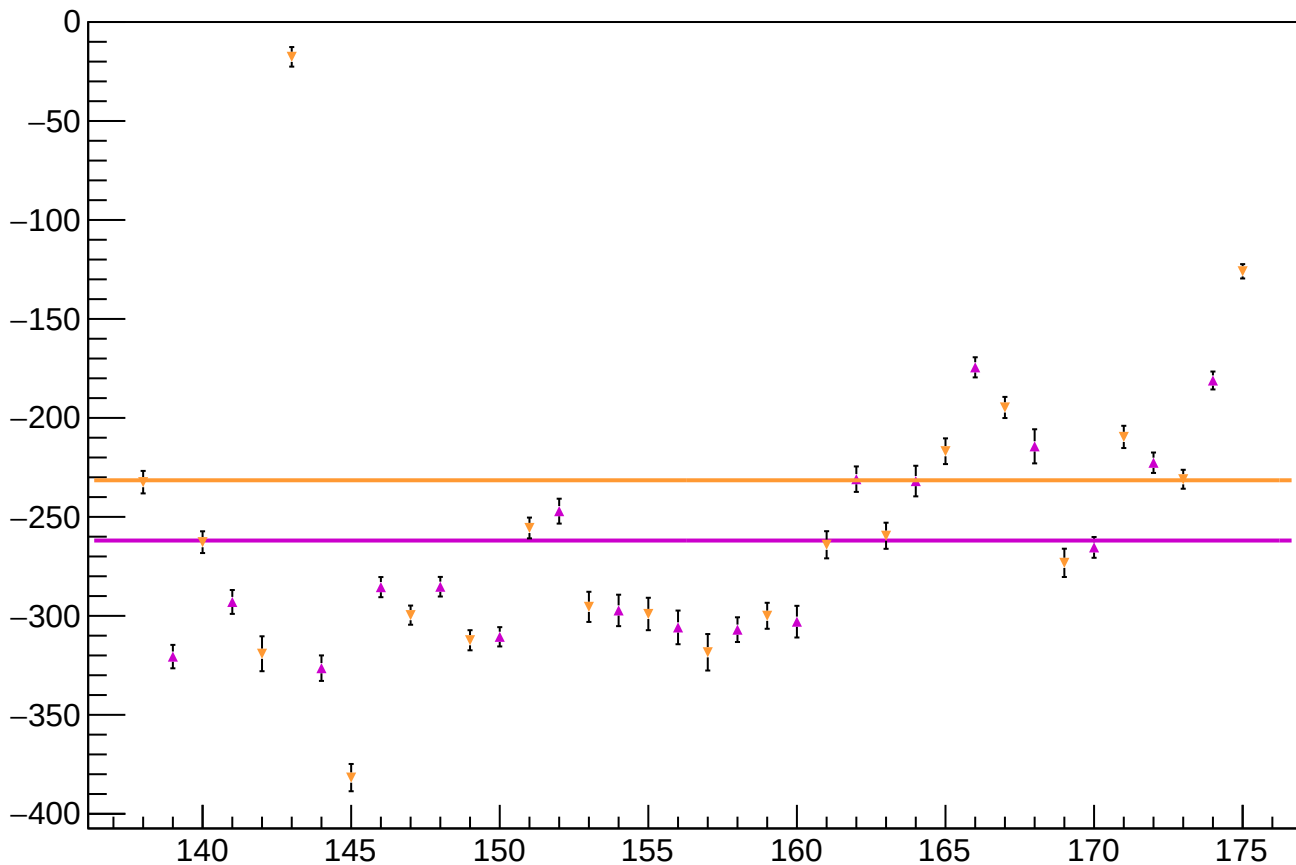
Left In: -263.035 $\pm$ 0.091 χ^2 /NDF: 21419.1/17

+ sign -258.910 $\pm$ 0.078 χ^2 /NDF: 224561.5/36

All: -256.122 $\pm$ 0.055 χ^2 /NDF: 393735.8/73

- sign -253.342 $\pm$ 0.078 χ^2 /NDF: 166632.7/36

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -231.508+/-1.293 χ^2/NDF : 4276.3/19

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

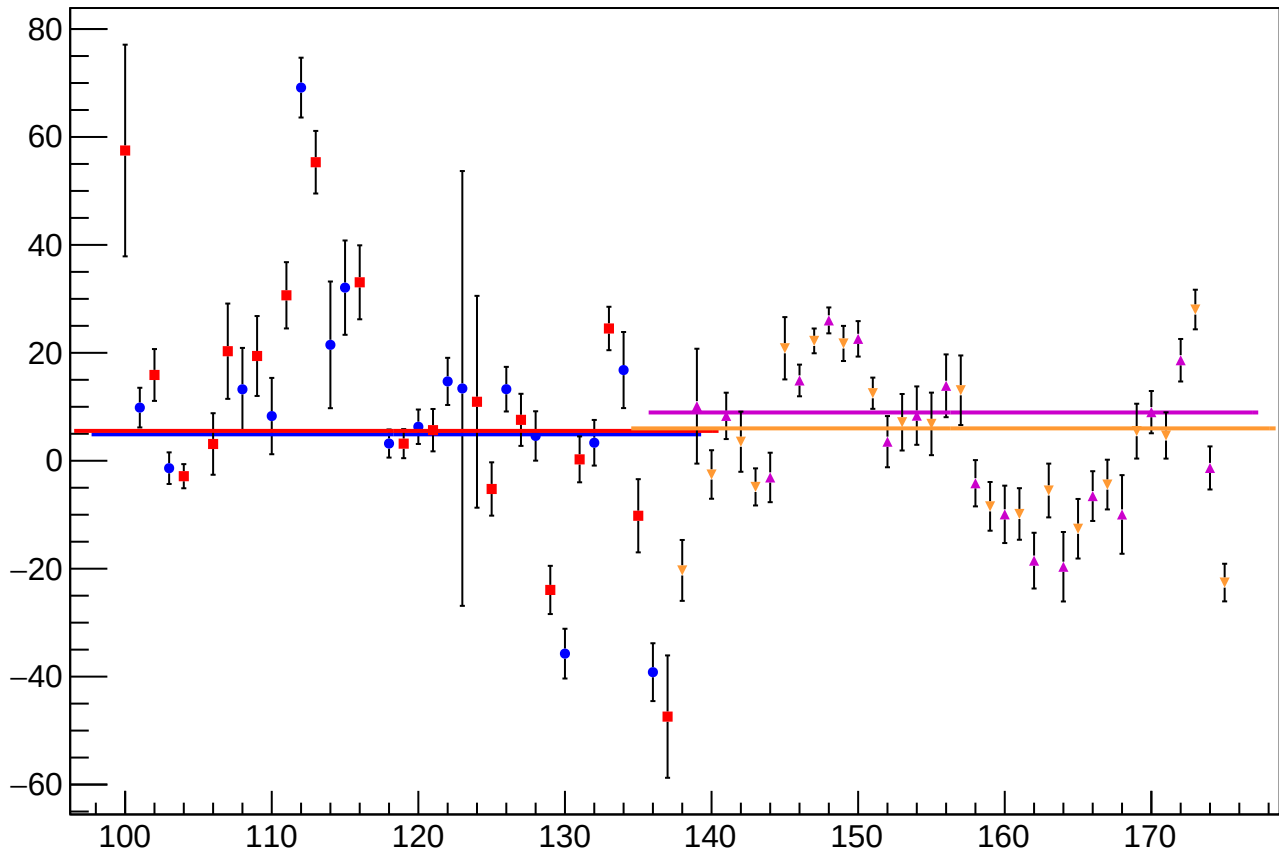
Left In: -261.945+/-1.395 χ^2/NDF : 1240.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -245.574+/-0.949 χ^2/NDF : 5773.1/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: 5.999 ± 0.919 χ^2/NDF : 268.1/19

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

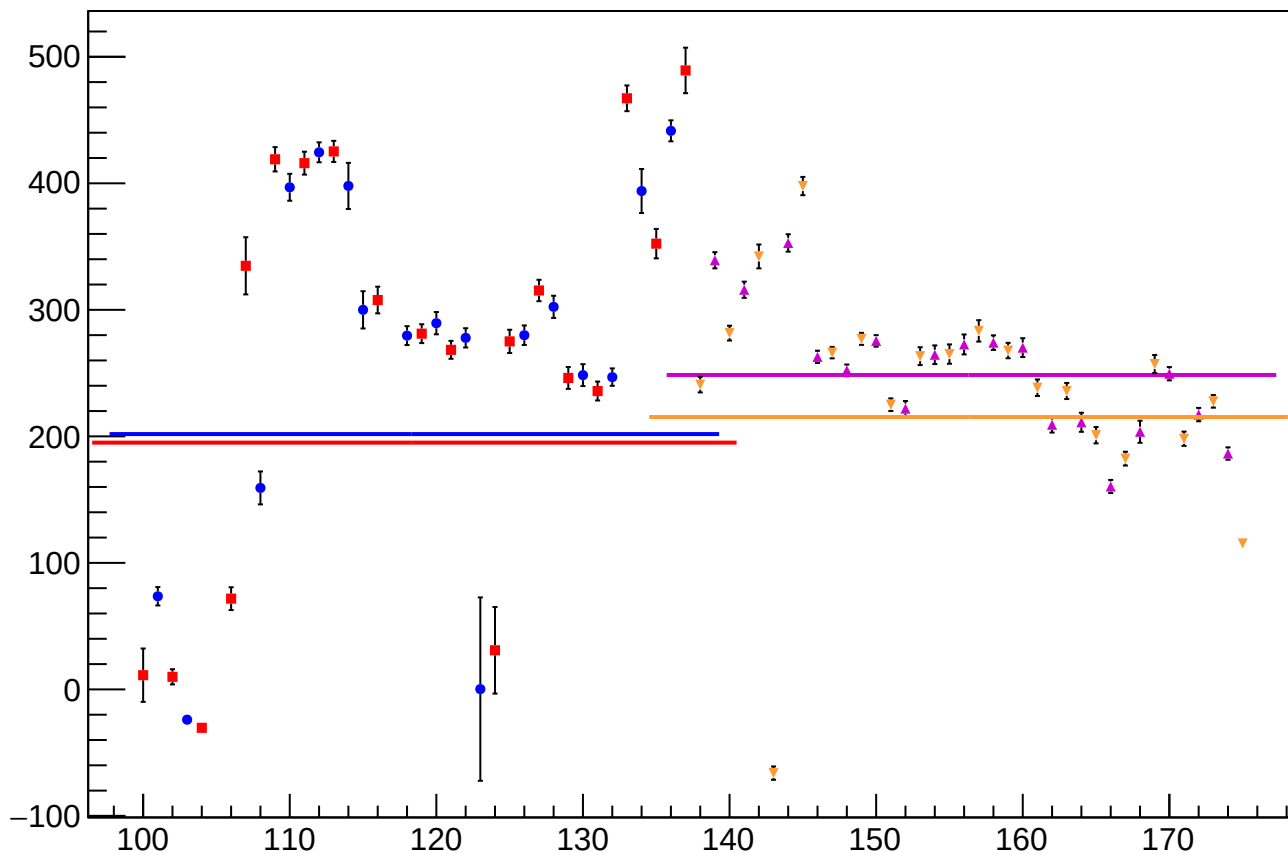
Left In: 8.947 ± 0.995 χ^2/NDF : 181.4/17

+ sign 5.540 ± 0.702 χ^2/NDF : 580.7/36

All: 6.419 ± 0.506 χ^2/NDF : 1009.9/73

- sign 7.367 ± 0.729 χ^2/NDF : 426.0/36

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 ± 1.970 χ^2/NDF : 6754.2/16

Left Out: 215.275 ± 1.285 χ^2/NDF : 5210.9/19

Right Out: 195.053 ± 1.924 χ^2/NDF : 8257.1/18

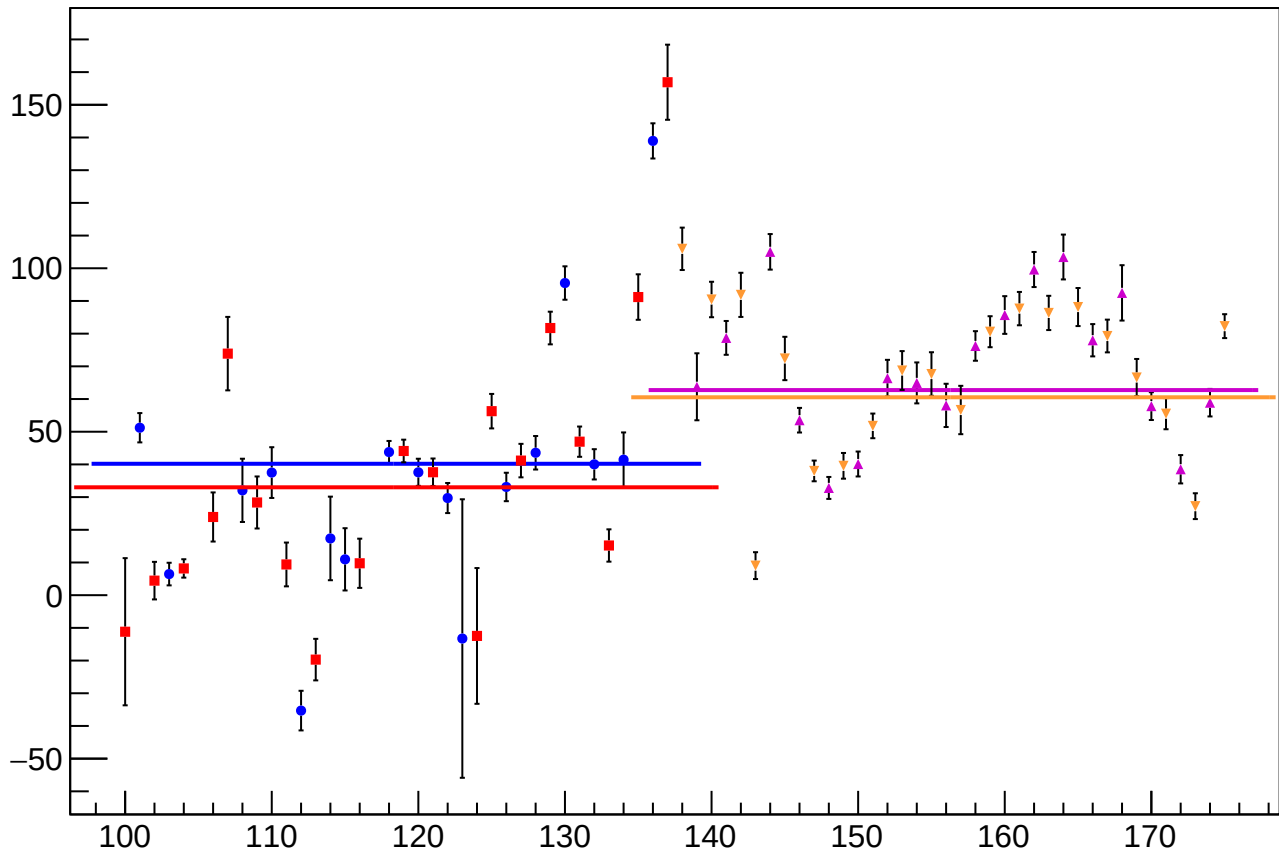
Left In: 248.515 ± 1.381 χ^2/NDF : 1222.1/17

+ sign 211.259 ± 1.076 χ^2/NDF : 11997.9/36

All: 220.404 ± 0.777 χ^2/NDF : 22137.4/73

- sign 230.346 ± 1.122 χ^2/NDF : 9988.7/36

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 60.536 $\pm$ 1.073 χ^2 /NDF: 564.8/19

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

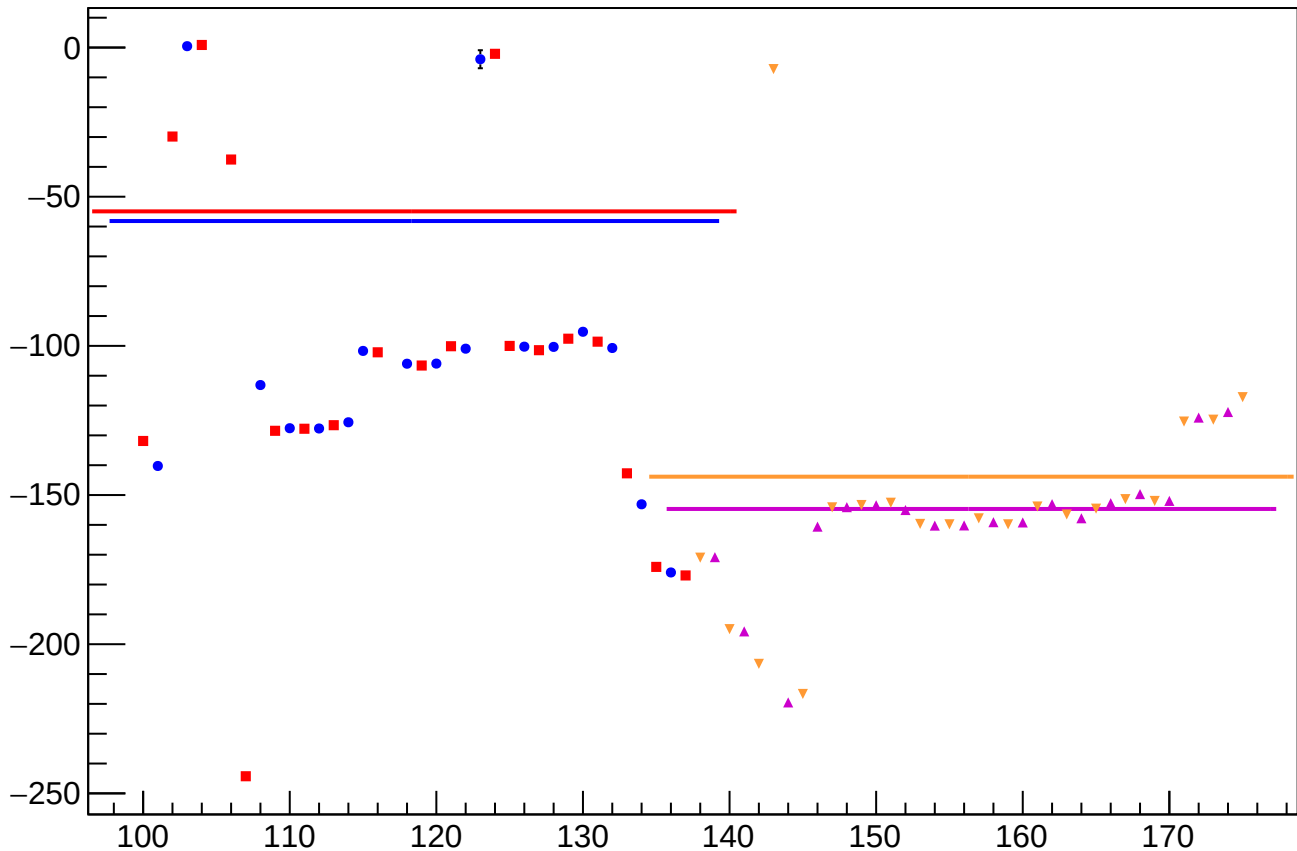
Left In: 62.739 $\pm$ 1.160 χ^2 /NDF: 354.0/17

+ sign 52.044 $\pm$ 0.819 χ^2 /NDF: 1449.7/36

All: 50.586 $\pm$ 0.590 χ^2 /NDF: 2668.0/73

- sign 49.012 $\pm$ 0.851 χ^2 /NDF: 1211.7/36

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 χ^2/NDF : 1105509.3/16

Left Out: -143.846 ± 0.052 χ^2/NDF : 635158.3/19

Right Out: -54.914 ± 0.060 χ^2/NDF : 1003885.5/18

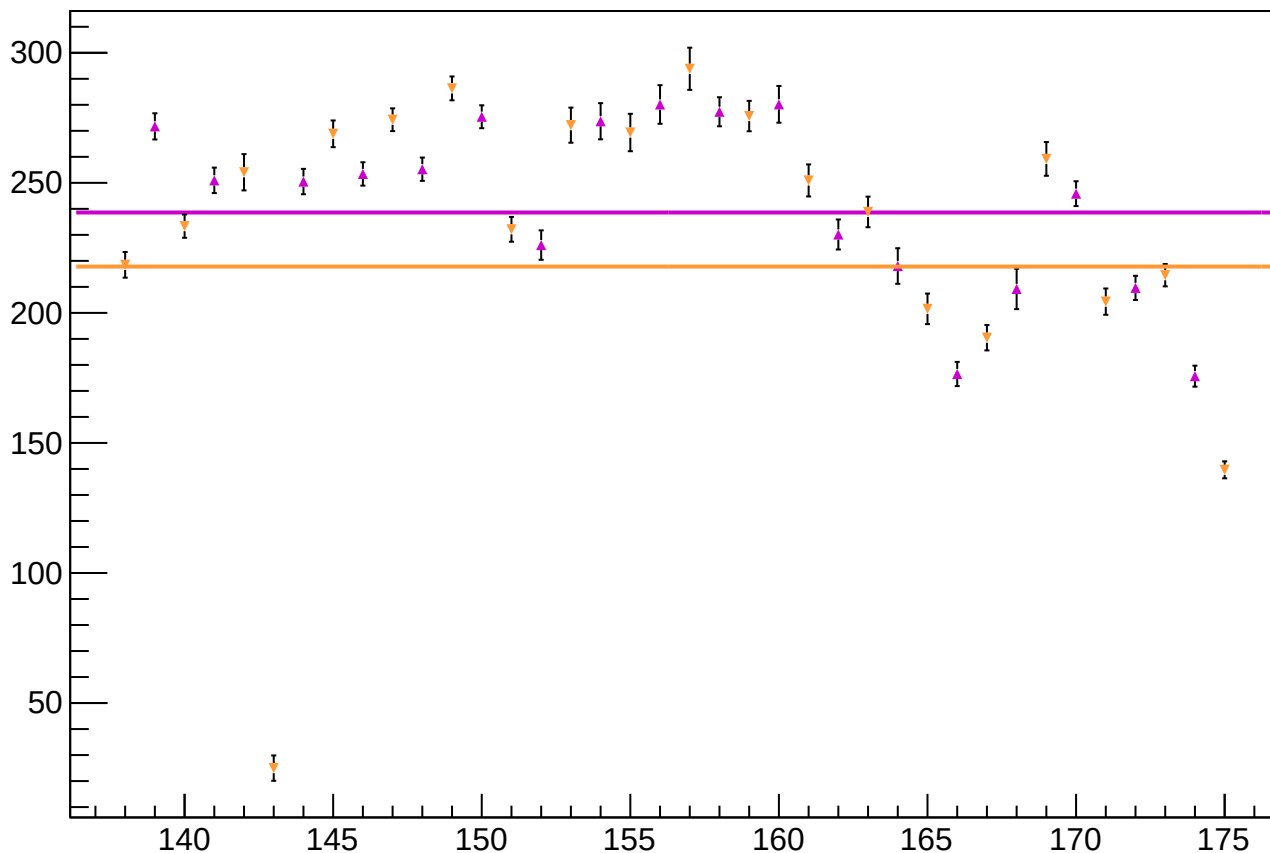
Left In: -154.664 ± 0.054 χ^2/NDF : 139102.7/17

+ sign -108.305 ± 0.040 χ^2/NDF : 2874162.2/36

All: -109.211 ± 0.028 χ^2/NDF : 5537332.3/73

- sign -110.143 ± 0.040 χ^2/NDF : 2662111.3/36

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 217.813+/-1.148 χ^2/NDF :3110.8/19

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

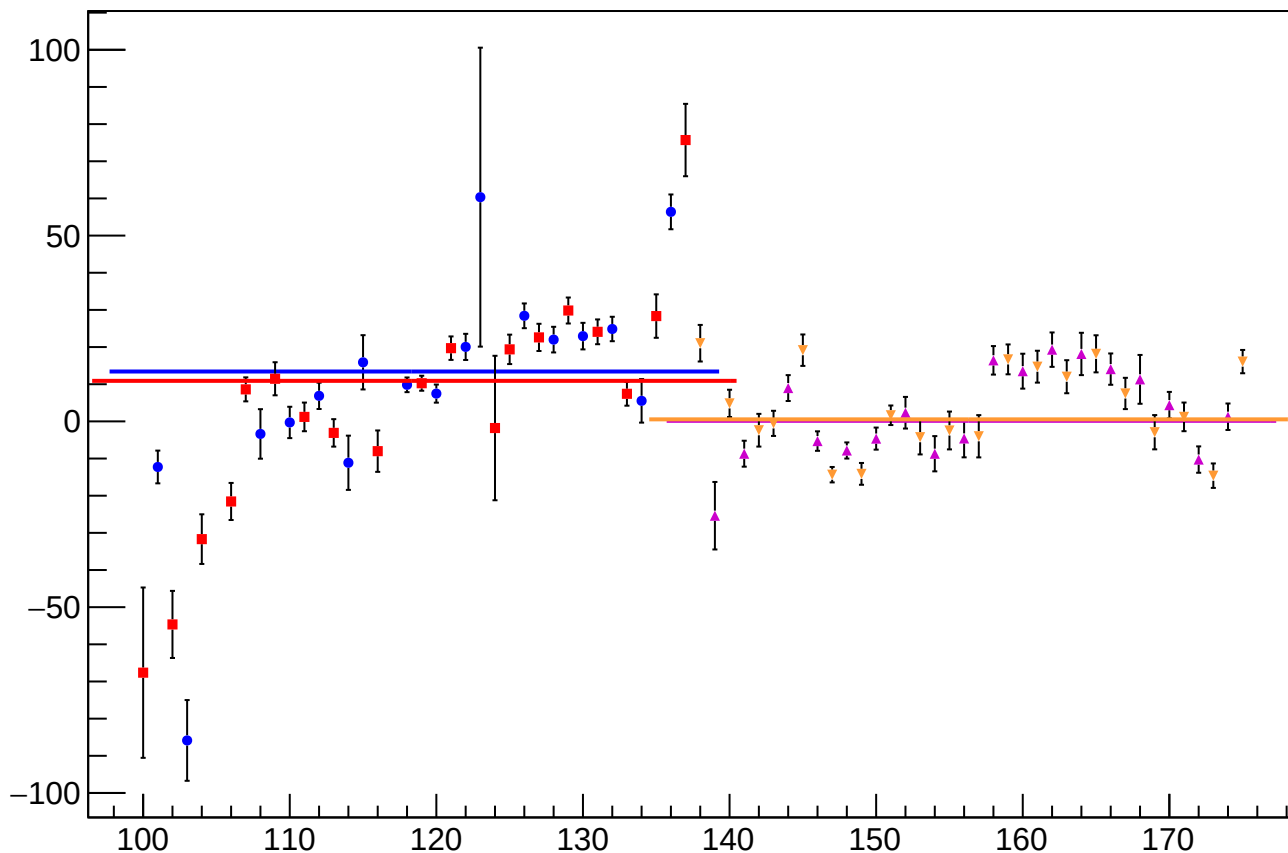
Left In: 238.605+/-1.229 χ^2/NDF :782.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.503+/-0.839 χ^2/NDF : 4046.4/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2 /NDF: 295.2/16

Left Out: 0.545+/-0.819 χ^2 /NDF:212.5/19

Right Out: 10.908+/-0.916 χ^2 /NDF: 302.6/18

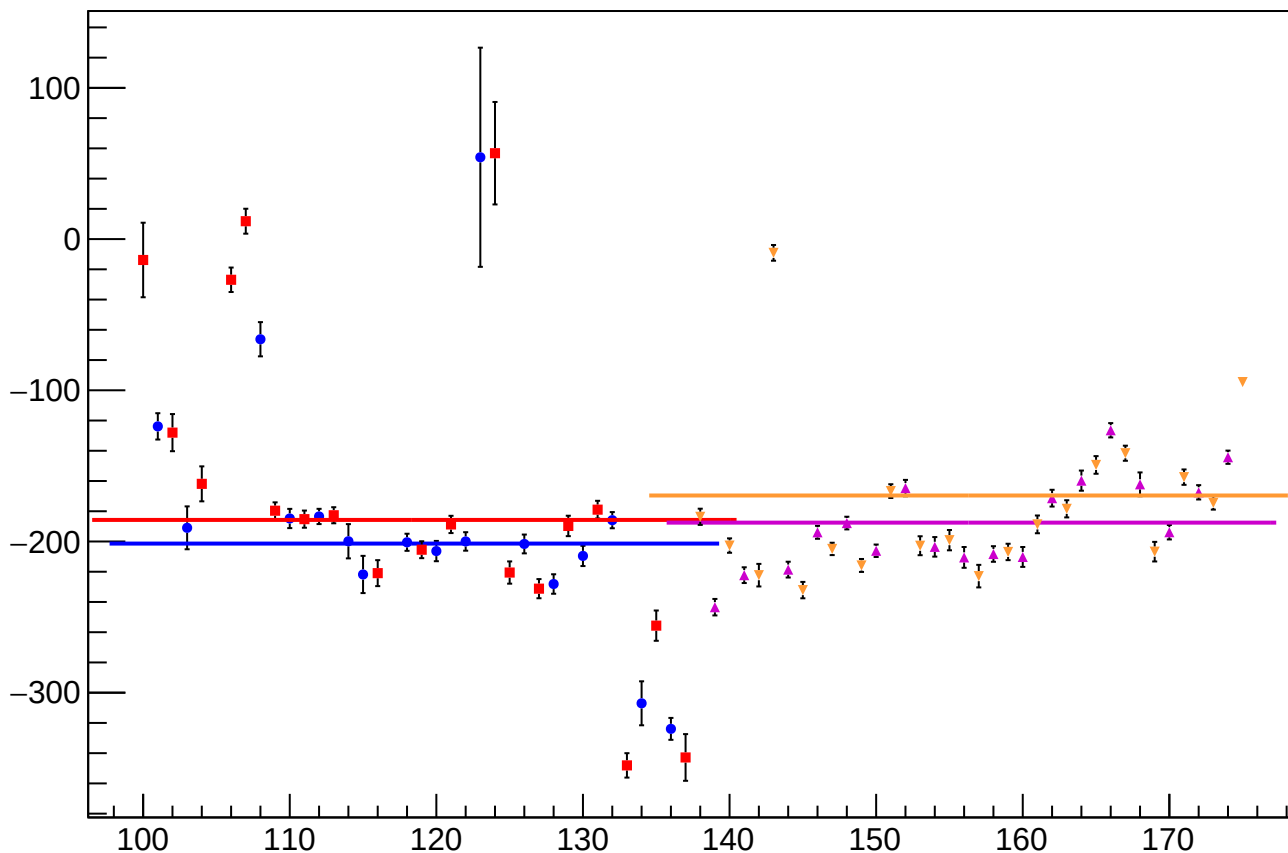
Left In: 0.149+/-0.879 χ^2 /NDF:122.9/17

+ sign 6.243+/-0.612 χ^2 /NDF: 617.1/36

All: 5.793+/-0.440 χ^2 /NDF: 1115.5/73

- sign 5.308+/-0.634 χ^2 /NDF: 497.3/36

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -169.579 ± 1.142 χ^2/NDF : 2156.1/19

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

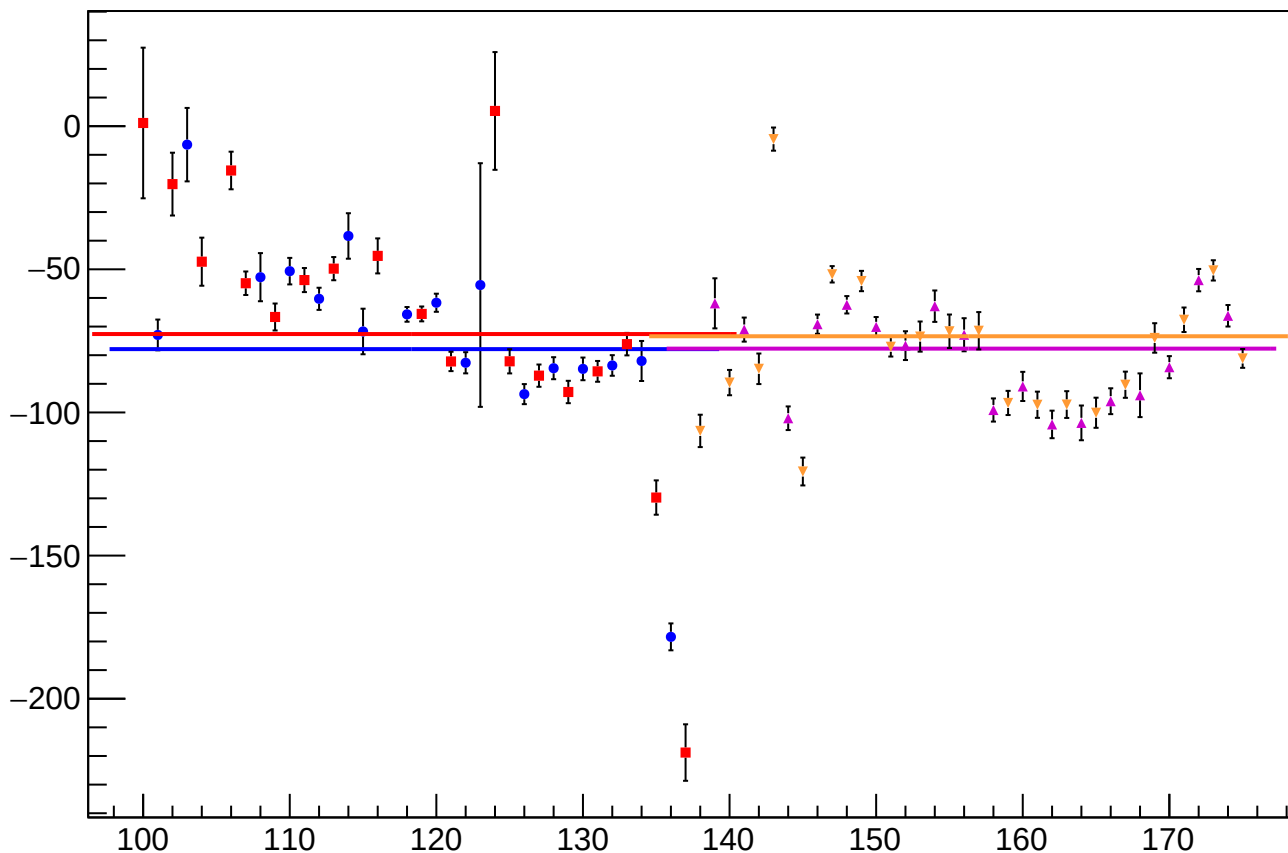
Left In: -187.535 ± 1.219 χ^2/NDF : 590.9/17

+ sign -178.858 ± 0.961 χ^2/NDF : 3005.8/36

All: -182.770 ± 0.690 χ^2/NDF : 5380.9/73

- sign -186.925 ± 0.991 χ^2/NDF : 2340.9/36

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 $\pm$ 1.066 χ^2/NDF : 658.2/16

Left Out: -73.385 $\pm$ 0.956 χ^2/NDF :697.2/19

Right Out: -72.612 $\pm$ 1.054 χ^2/NDF : 606.9/18

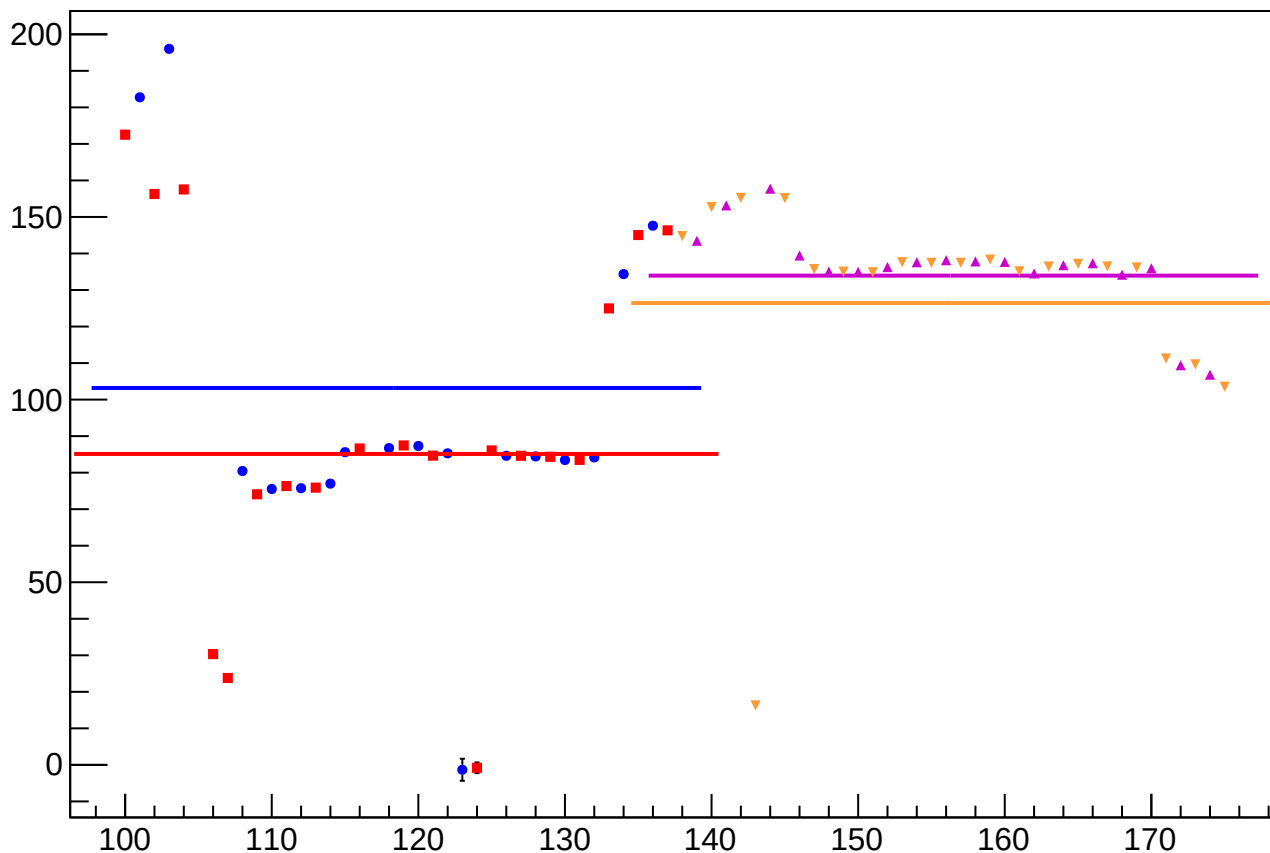
Left In: -77.708 $\pm$ 1.025 χ^2/NDF :239.5/17

+ sign -75.388 $\pm$ 0.712 χ^2/NDF : 1365.2/36

All: -75.312 $\pm$ 0.511 χ^2/NDF : 2223.6/73

- sign -75.231 $\pm$ 0.735 χ^2/NDF : 858.4/36

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 126.430 $\pm$ 0.046 χ^2 /NDF: 396332.7/19

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

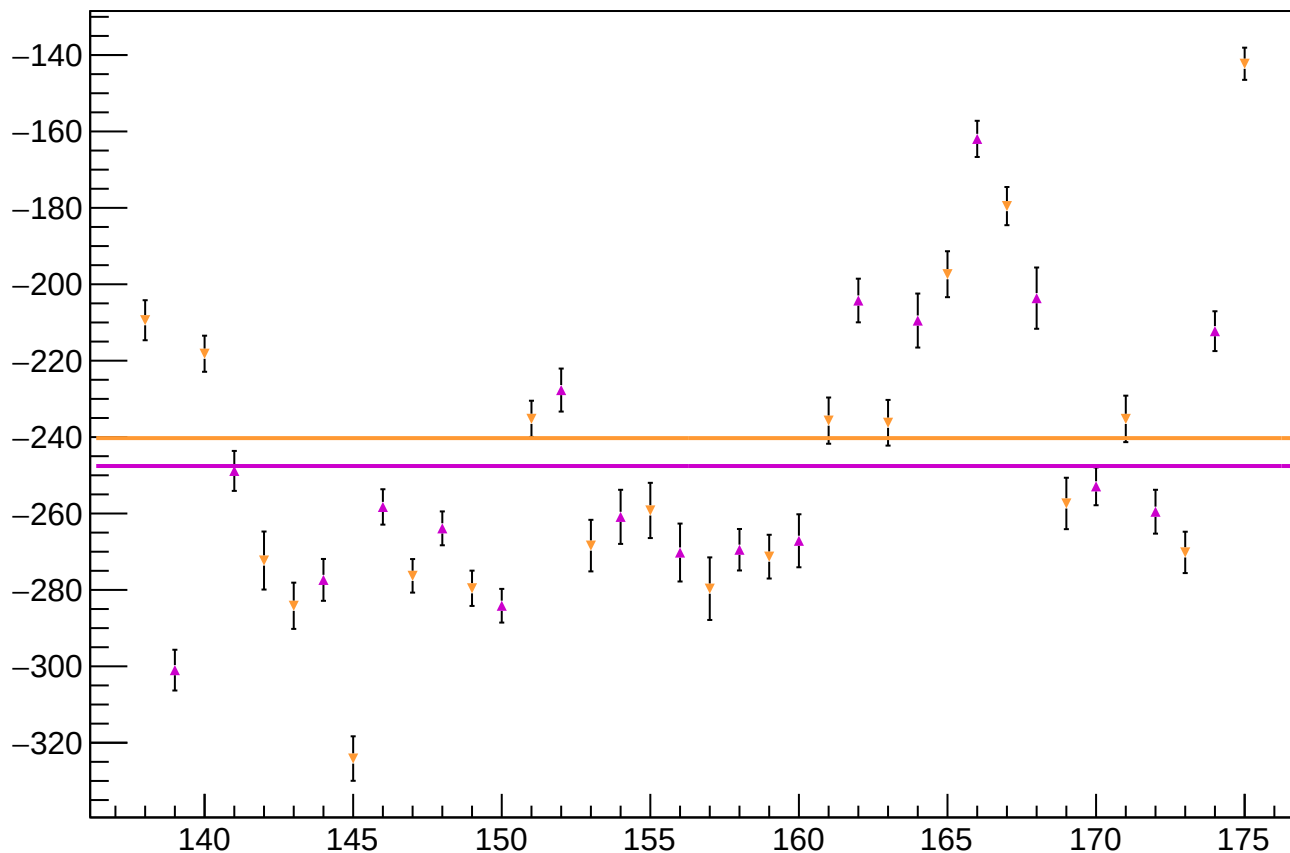
Left In: 133.937 $\pm$ 0.048 χ^2 /NDF: 74580.0/17

+ sign 119.458 $\pm$ 0.039 χ^2 /NDF: 746360.1/36

All: 117.908 $\pm$ 0.027 χ^2 /NDF: 1623459.4/73

- sign 116.382 $\pm$ 0.038 χ^2 /NDF: 873887.4/36

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -240.267+/-1.243 χ^2/NDF : 1330.6/19

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

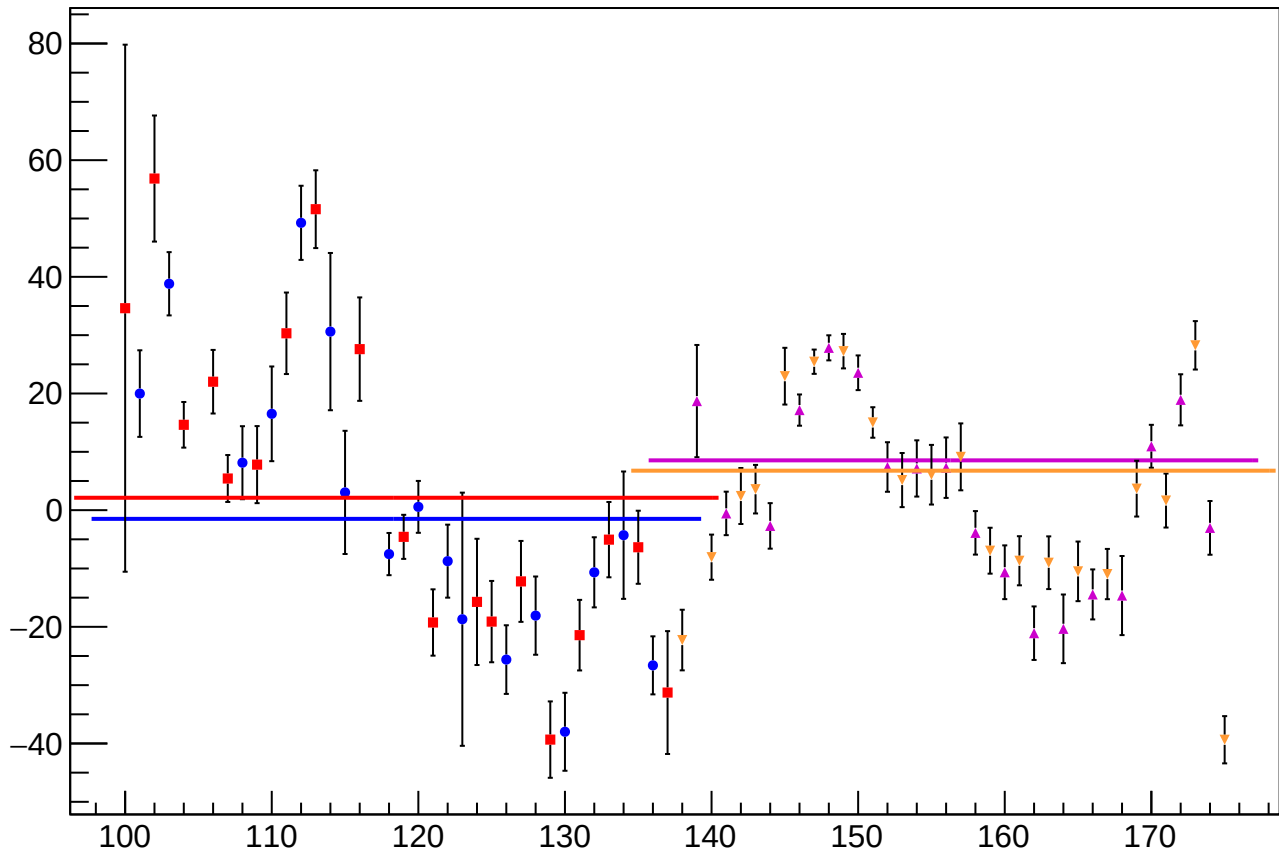
Left In: -247.571+/-1.295 χ^2/NDF : 761.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.769+/-0.897 χ^2/NDF : 2109.0/37

- 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: 6.769 ± 0.869 χ^2/NDF : 421.6/19

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

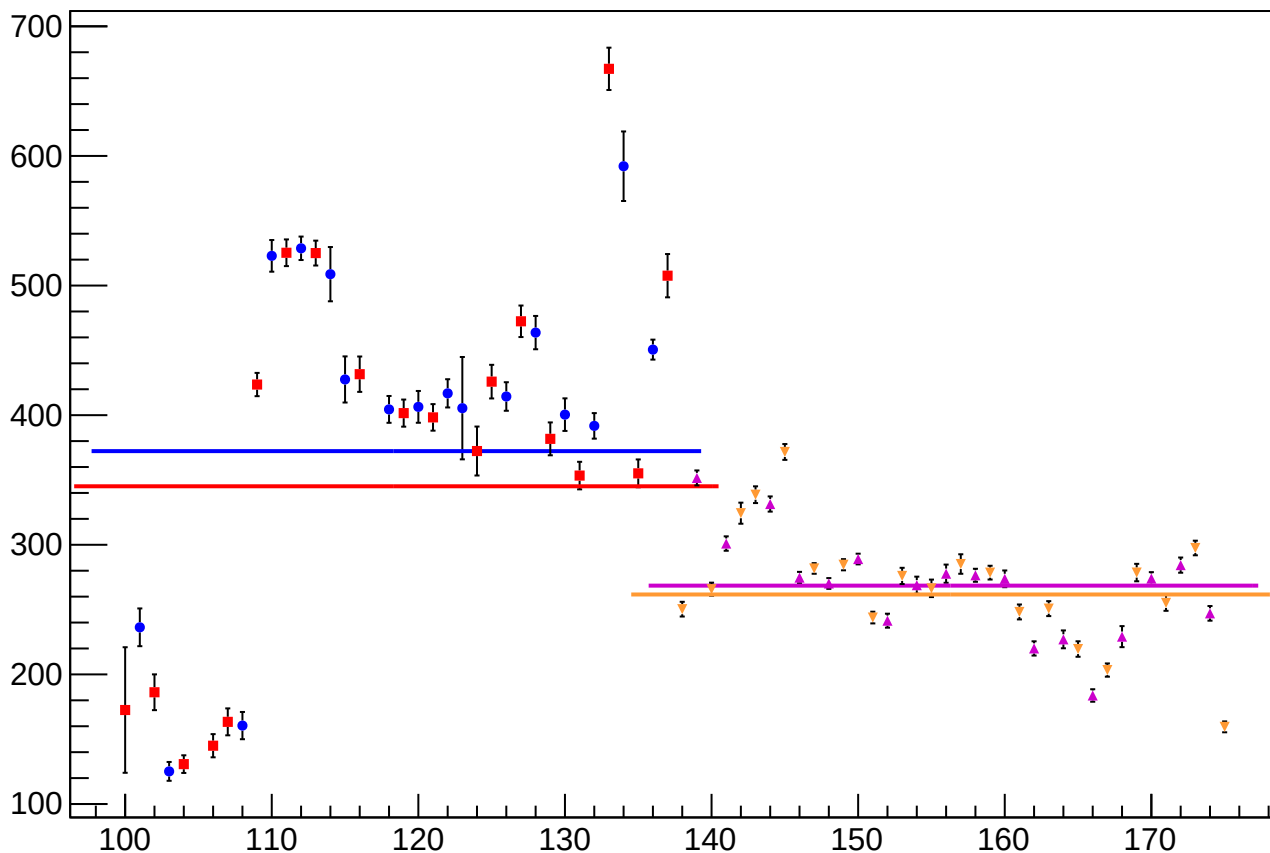
Left In: 8.538 ± 0.914 χ^2/NDF : 278.9/17

+ sign 4.722 ± 0.753 χ^2/NDF : 670.1/36

All: 5.659 ± 0.537 χ^2/NDF : 1199.5/73

- sign 6.627 ± 0.766 χ^2/NDF : 526.2/36

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 ± 2.759 χ^2/NDF : 2433.1/16

Left Out: 261.656 ± 1.229 χ^2/NDF : 1450.2/19

Right Out: 345.135 ± 2.562 χ^2/NDF : 3416.5/18

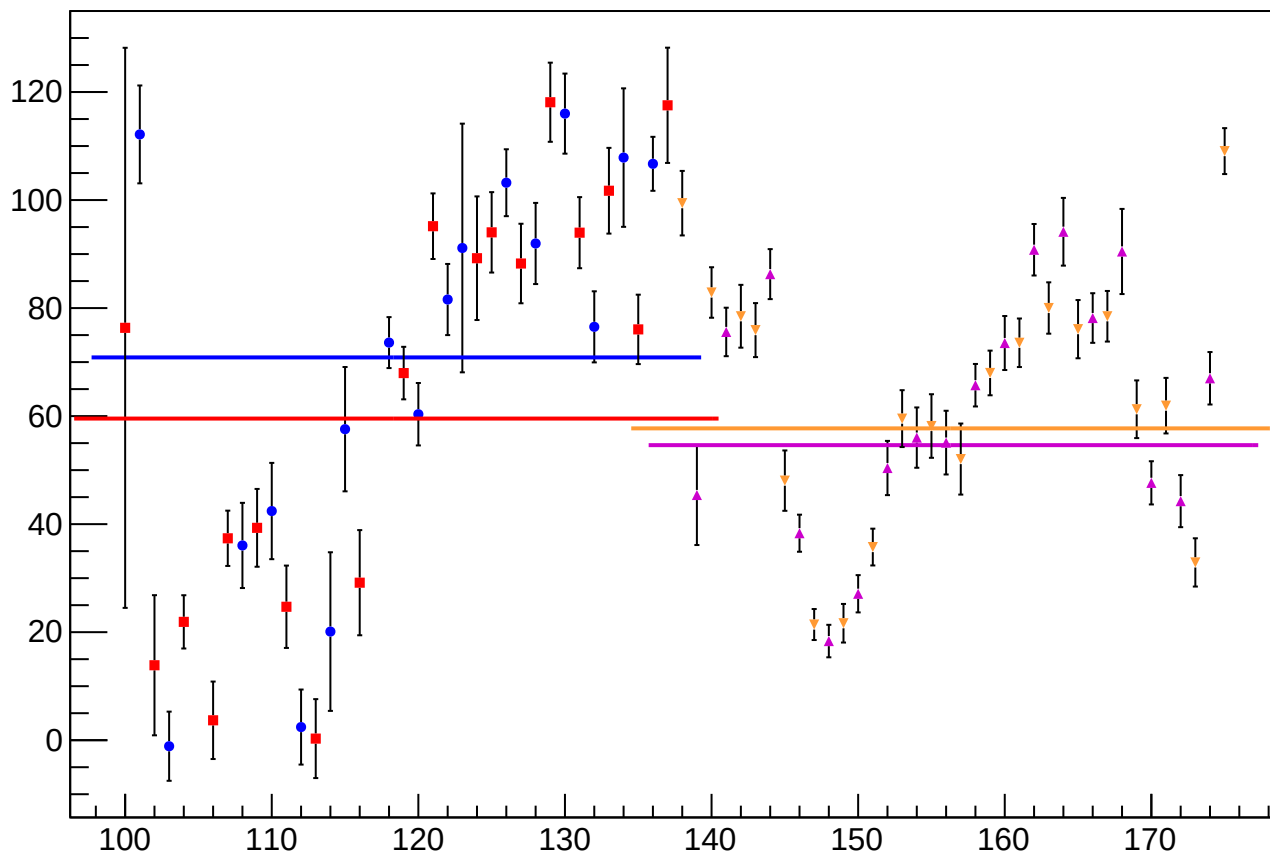
Left In: 268.486 ± 1.276 χ^2/NDF : 882.6/17

+ sign 279.960 ± 1.123 χ^2/NDF : 5224.1/36

All: 281.805 ± 0.801 χ^2/NDF : 10245.8/73

- sign 283.715 ± 1.142 χ^2/NDF : 5016.2/36

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 57.729 $\pm$ 1.021 χ^2 /NDF: 660.7/19

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

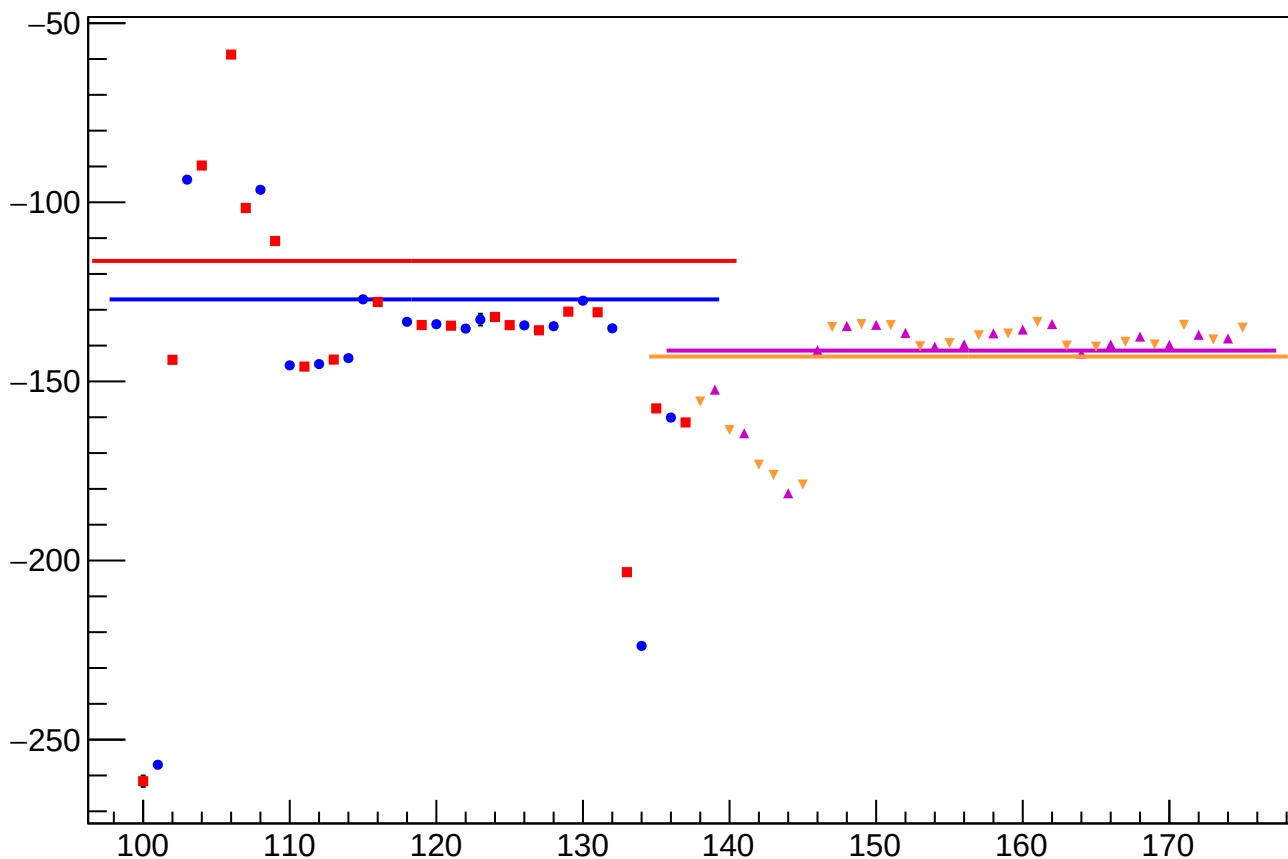
Left In: 54.625 $\pm$ 1.070 χ^2 /NDF: 482.7/17

+ sign 61.084 $\pm$ 0.881 χ^2 /NDF: 1129.9/36

All: 58.633 $\pm$ 0.628 χ^2 /NDF: 2125.6/73

- sign 56.103 $\pm$ 0.895 χ^2 /NDF: 979.9/36

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -143.055 ± 0.049 $\chi^2/\text{NDF}: 73370.4/19$

Right Out: -116.369 ± 0.083 $\chi^2/\text{NDF}: 167595.6/18$

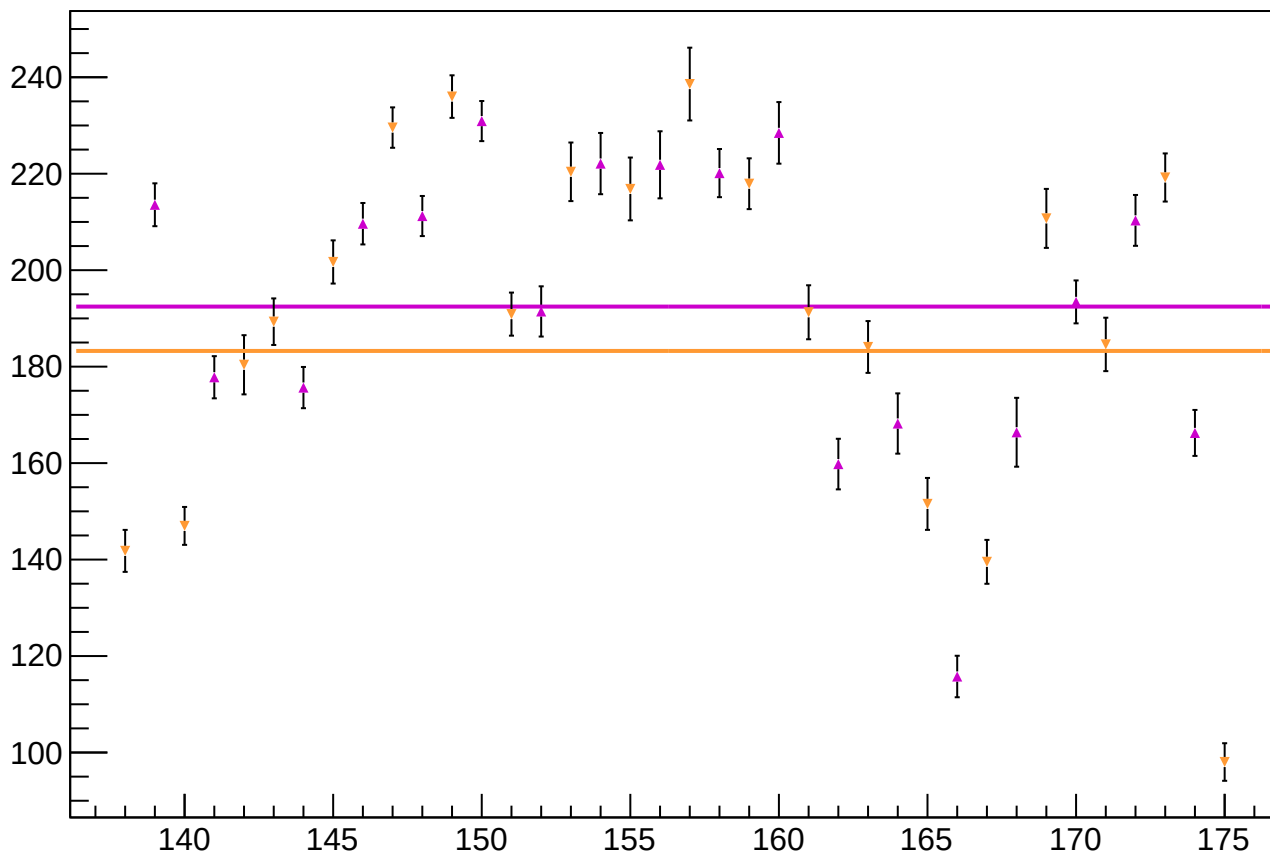
Left In: -141.393 ± 0.050 $\chi^2/\text{NDF}: 44804.3/17$

+ sign -139.324 ± 0.043 $\chi^2/\text{NDF}: 264803.2/36$

All: -136.986 ± 0.030 $\chi^2/\text{NDF}: 549646.0/73$

- sign -134.682 ± 0.043 $\chi^2/\text{NDF}: 279043.3/36$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 183.256+/-1.108 χ^2/NDF :1303.8/19

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

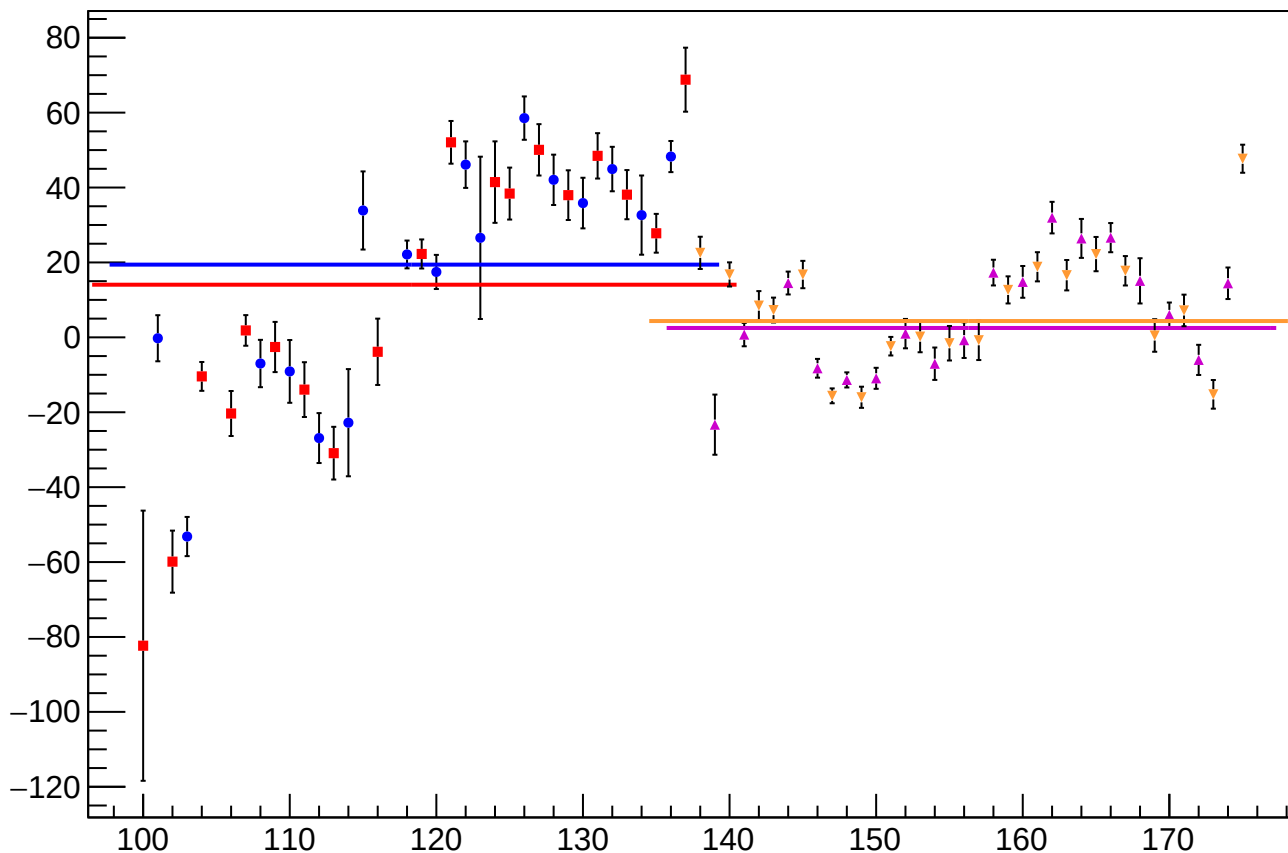
Left In: 192.452+/-1.162 χ^2/NDF :700.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.636+/-0.802 χ^2/NDF : 2036.8/37

- 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 $\chi^2/\text{NDF}: 441.1/16$

Left Out: 4.354 ± 0.784 $\chi^2/\text{NDF}: 426.7/19$

Right Out: 14.055 ± 1.392 $\chi^2/\text{NDF}: 436.5/18$

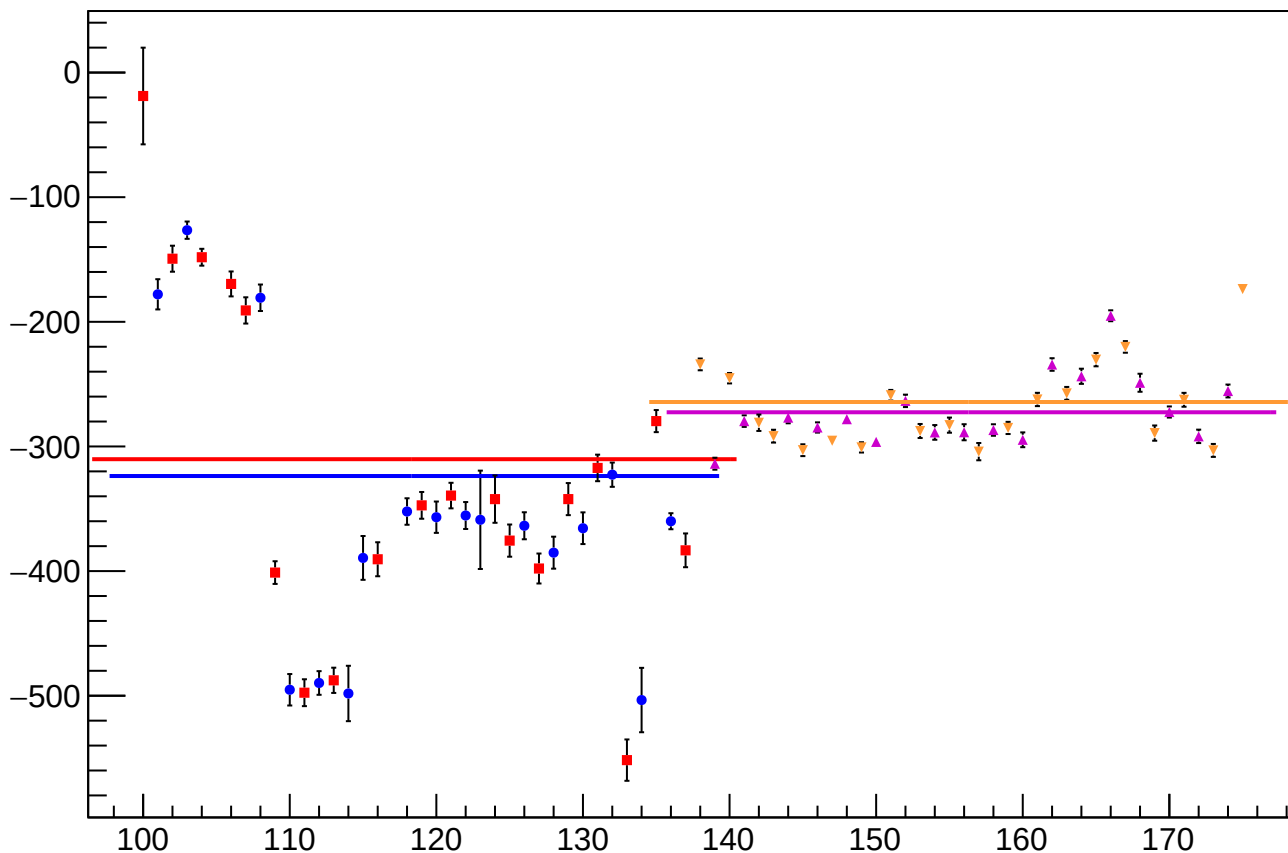
Left In: 2.501 ± 0.828 $\chi^2/\text{NDF}: 273.6/17$

+ sign 7.652 ± 0.692 $\chi^2/\text{NDF}: 948.7/36$

All: 6.617 ± 0.496 $\chi^2/\text{NDF}: 1714.3/73$

- sign 5.523 ± 0.712 $\chi^2/\text{NDF}: 761.0/36$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 $\chi^2/\text{NDF}: 1850.8/16$

Left Out: -264.331 ± 1.102 $\chi^2/\text{NDF}: 1131.0/19$

Right Out: -310.223 ± 2.523 $\chi^2/\text{NDF}: 2300.0/18$

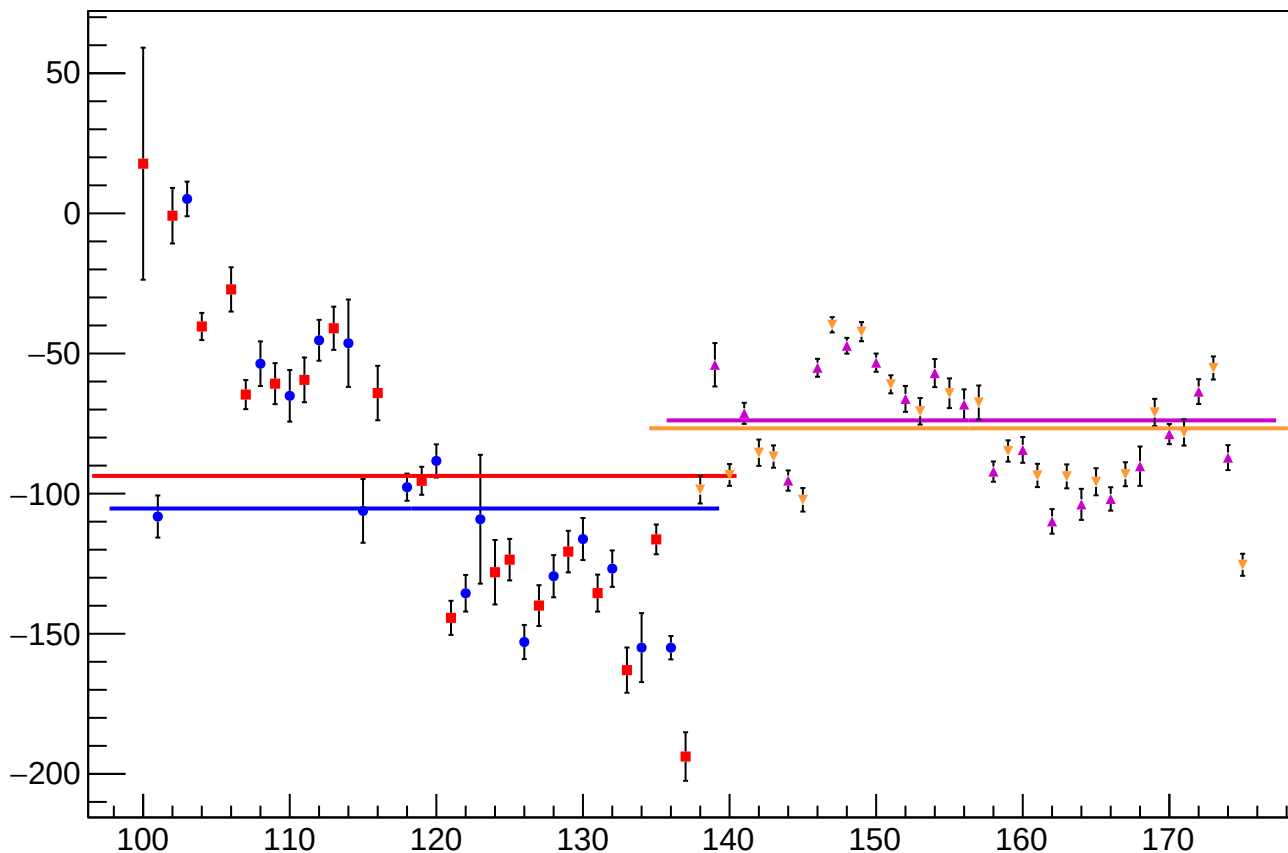
Left In: -272.572 ± 1.150 $\chi^2/\text{NDF}: 592.6/17$

+ sign -272.987 ± 1.019 $\chi^2/\text{NDF}: 3405.0/36$

All: -275.936 ± 0.730 $\chi^2/\text{NDF}: 6499.2/73$

- sign -279.046 ± 1.046 $\chi^2/\text{NDF}: 3077.0/36$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -76.690 ± 0.918 χ^2/NDF : 651.4/19

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

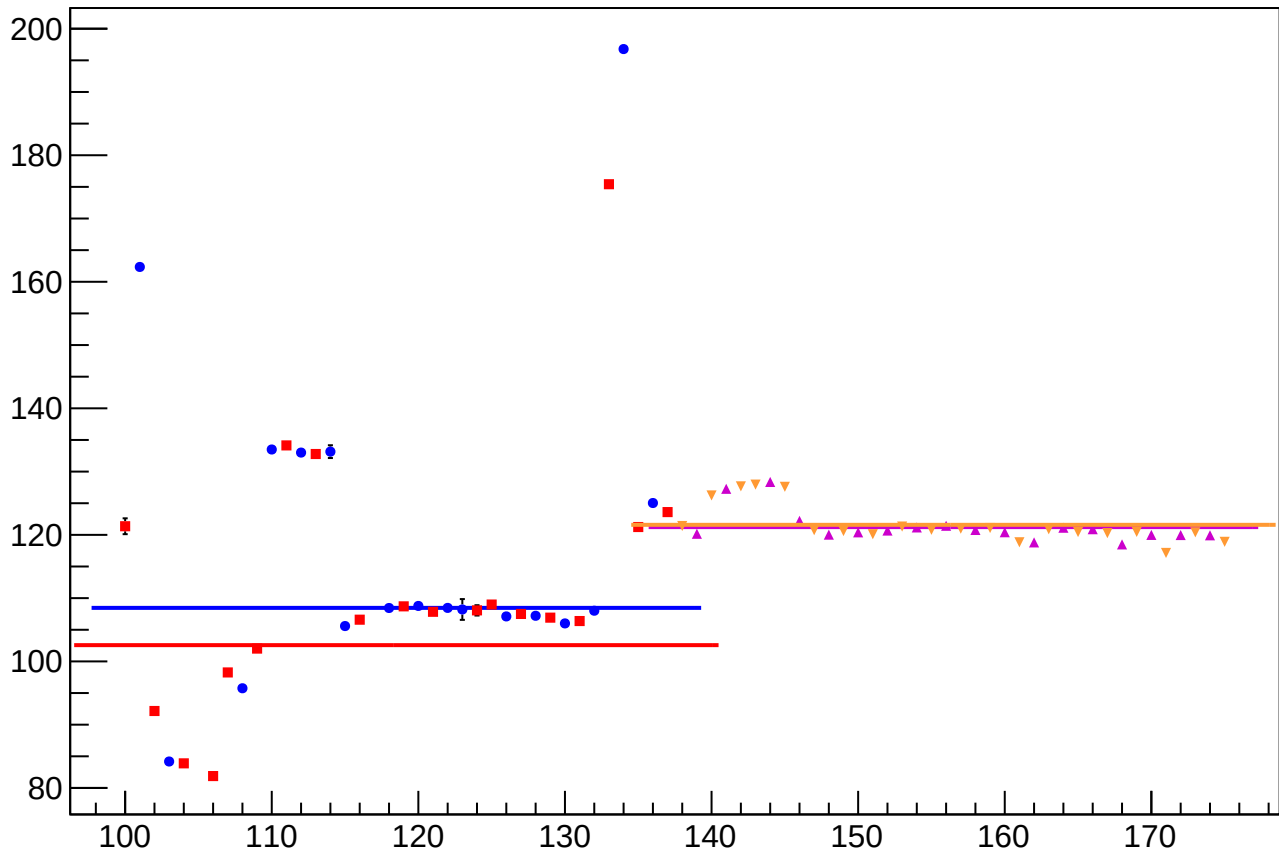
Left In: -73.867 ± 0.968 χ^2/NDF : 415.4/17

+ sign -83.194 ± 0.807 χ^2/NDF : 1609.6/36

All: -81.213 ± 0.579 χ^2/NDF : 2974.9/73

- sign -79.120 ± 0.830 χ^2/NDF : 1353.0/36

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 121.586 $\pm$ 0.044 χ^2 /NDF:4351.6/19

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

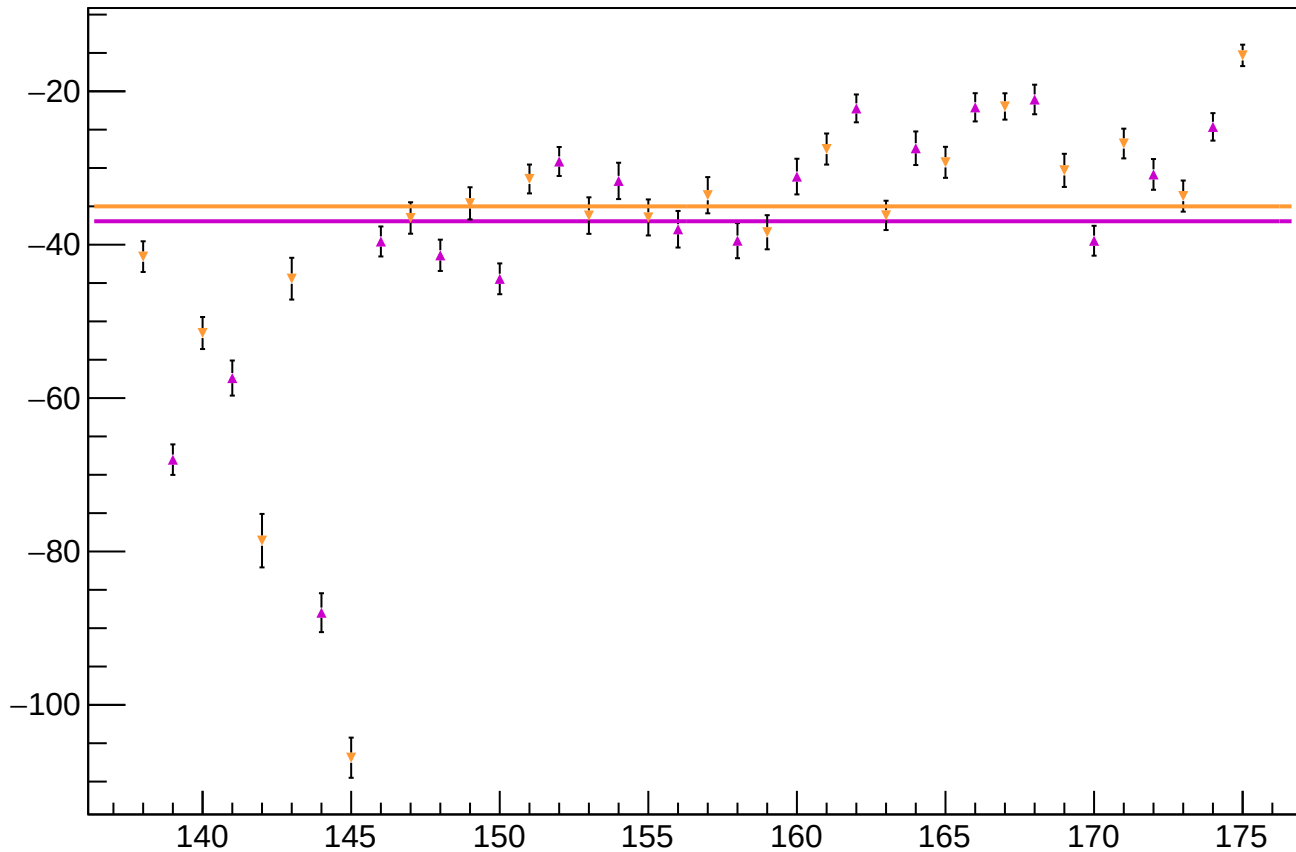
Left In: 121.227 $\pm$ 0.045 χ^2 /NDF:2880.9/17

+ sign 118.774 $\pm$ 0.039 χ^2 /NDF: 96514.0/36

All: 117.721 $\pm$ 0.028 χ^2 /NDF: 195629.6/73

- sign 116.664 $\pm$ 0.039 χ^2 /NDF: 97671.0/36

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -35.004 ± 0.463 χ^2/NDF : 1303.7/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

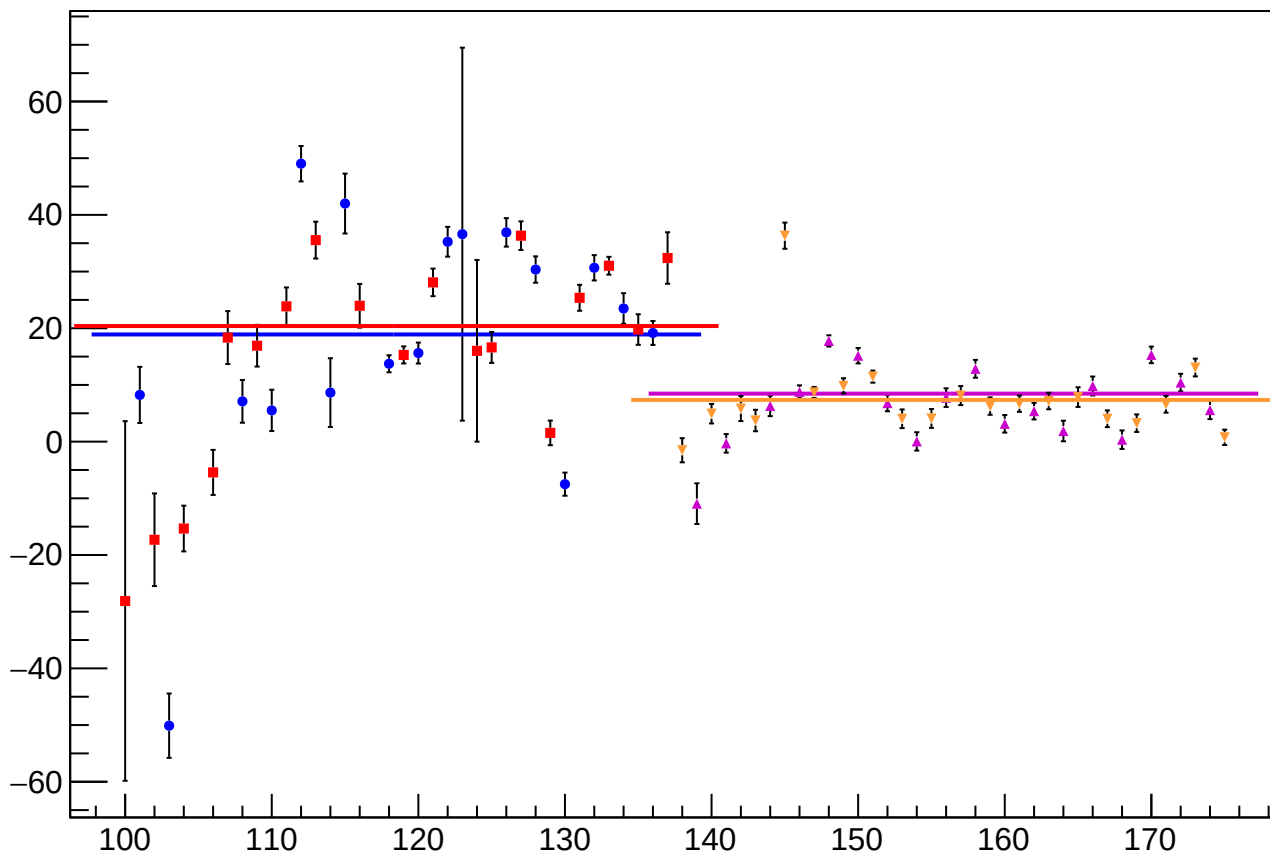
Left In: -36.945 ± 0.485 χ^2/NDF : 1054.6/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.930 ± 0.335 χ^2/NDF : 2366.7/37

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 7.356 $\pm$ 0.337 χ^2 /NDF: 259.3/19

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

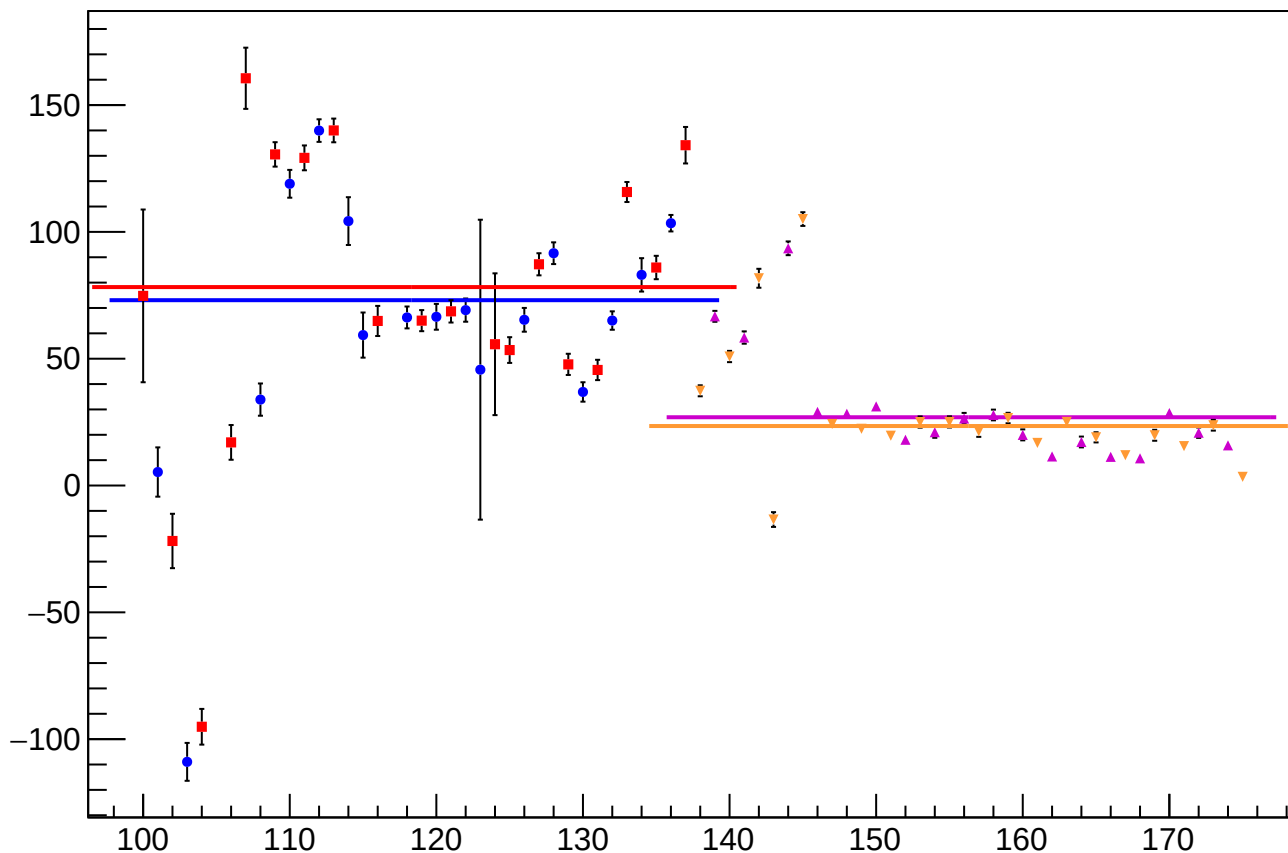
Left In: 8.466 $\pm$ 0.355 χ^2 /NDF: 289.4/17

+ sign 9.843 $\pm$ 0.299 χ^2 /NDF: 1131.1/36

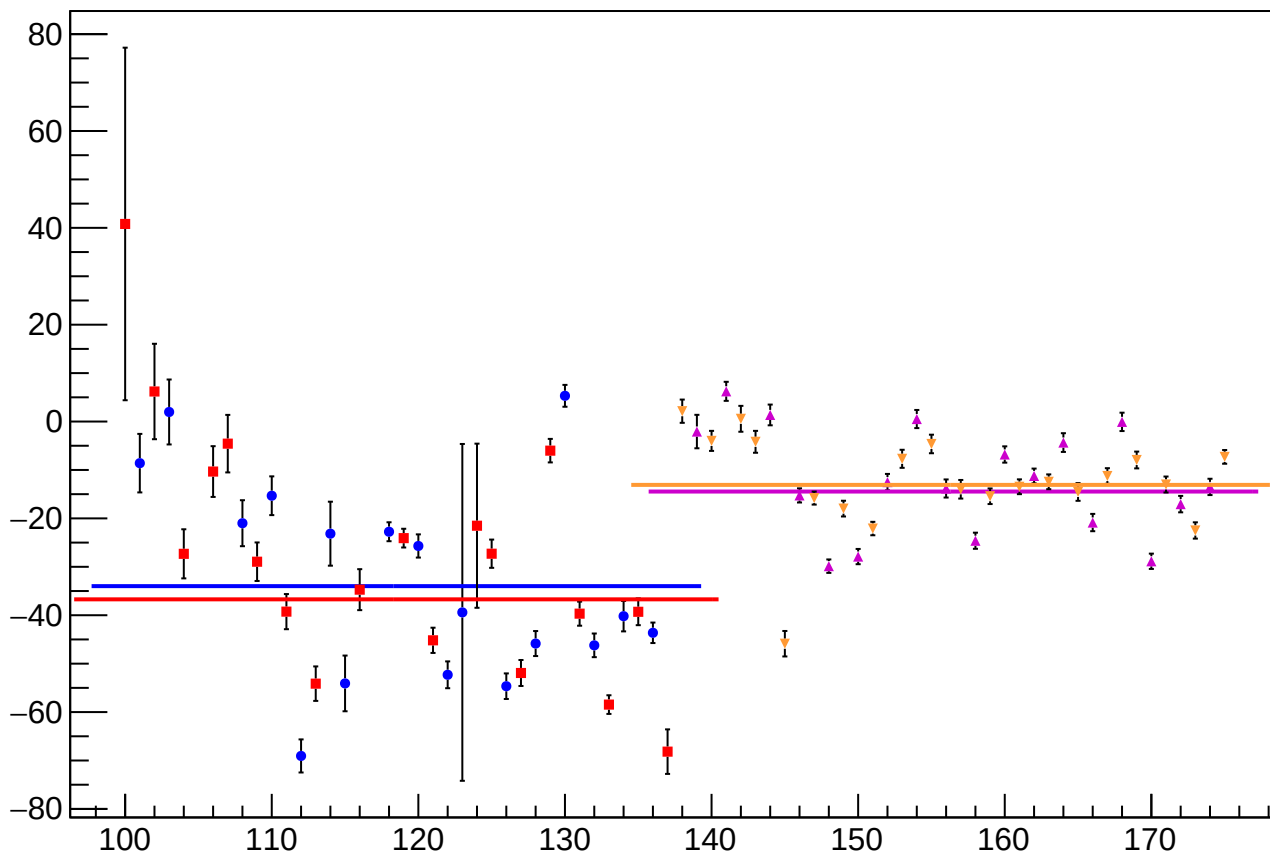
All: 10.518 $\pm$ 0.215 χ^2 /NDF: 2059.4/73

- sign 11.250 $\pm$ 0.311 χ^2 /NDF: 917.6/36

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.082 ± 0.388 χ^2/NDF : 401.0/19

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

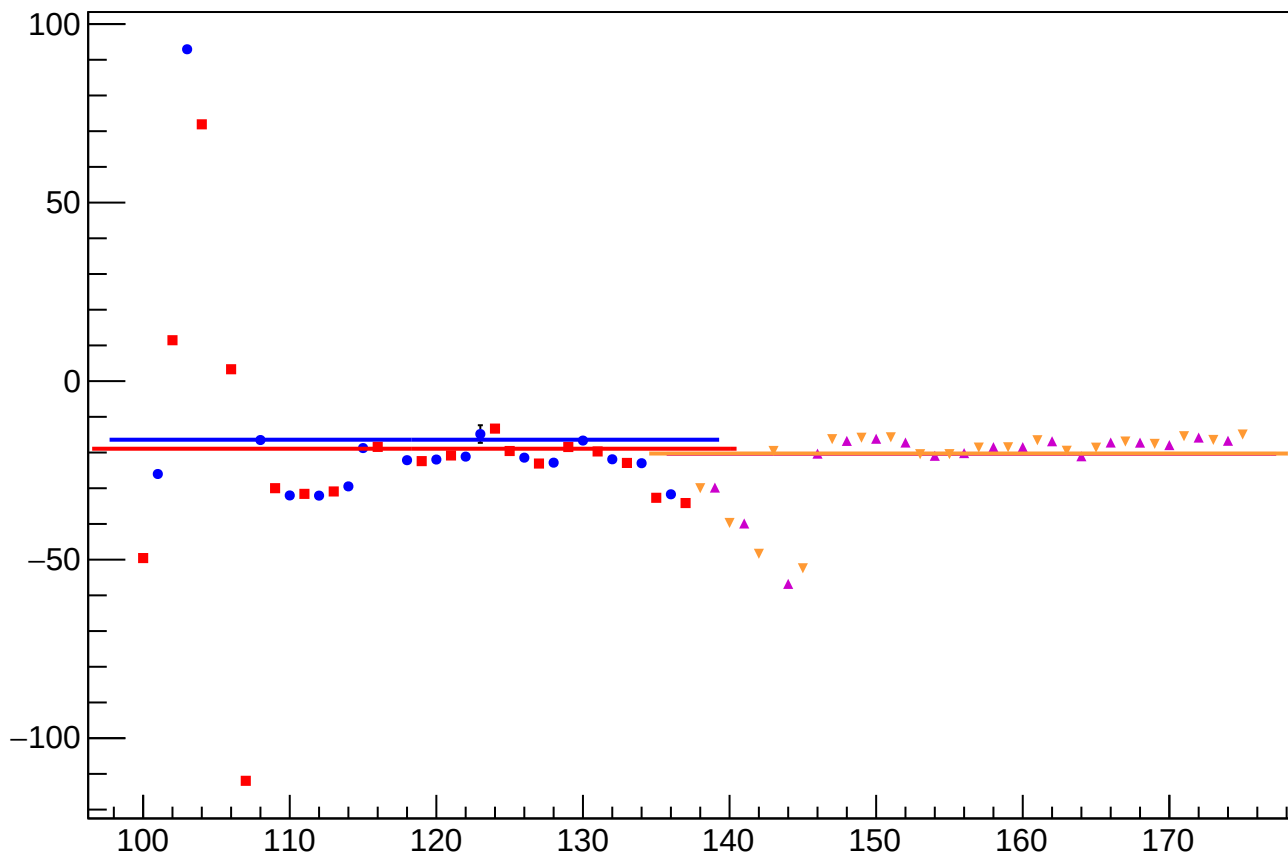
Left In: -14.457 ± 0.409 χ^2/NDF : 685.7/17

+ sign -17.623 ± 0.343 χ^2/NDF : 1752.1/36

All: -18.619 ± 0.248 χ^2/NDF : 3696.2/73

- sign -19.701 ± 0.358 χ^2/NDF : 1926.5/36

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -20.280 ± 0.018 $\chi^2/\text{NDF}: 208086.2/19$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

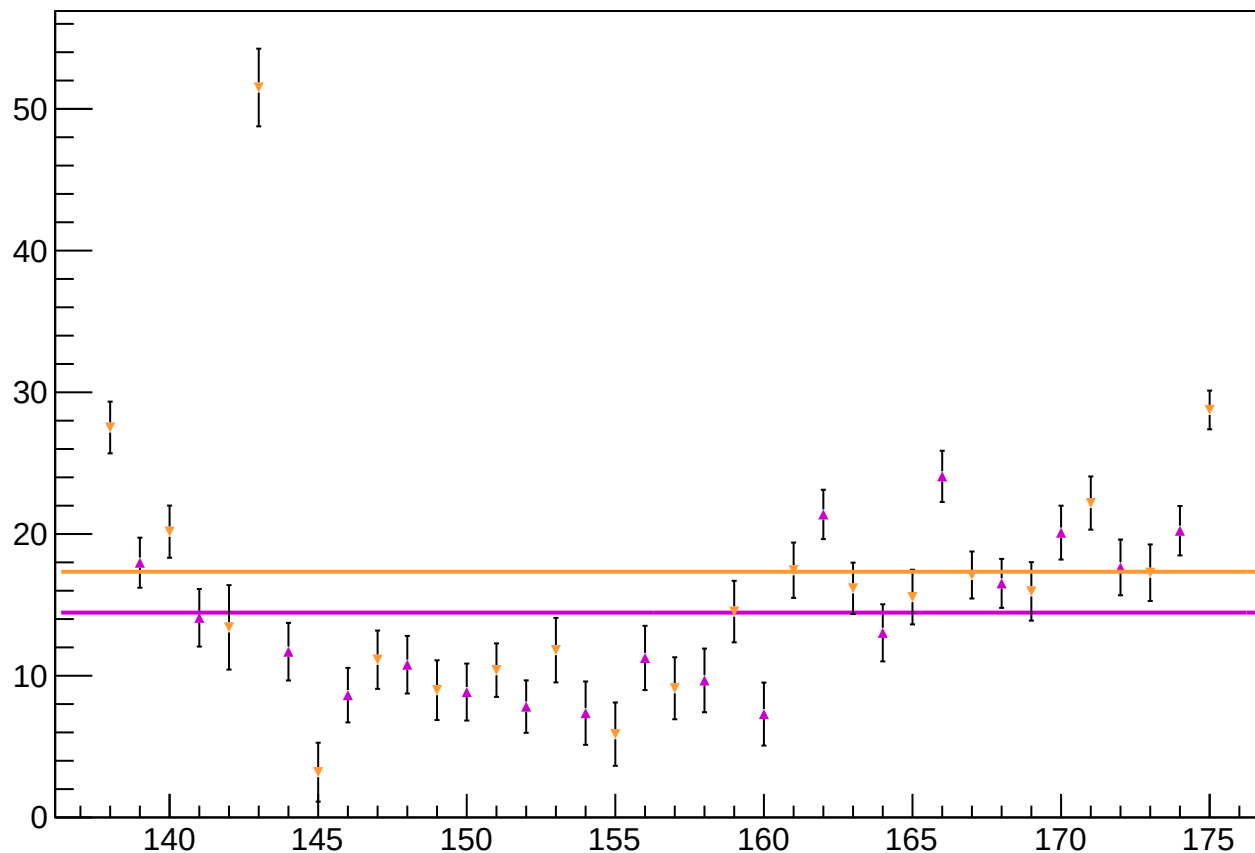
Left In: -20.396 ± 0.019 $\chi^2/\text{NDF}: 170452.1/17$

+ sign -19.729 ± 0.017 $\chi^2/\text{NDF}: 688970.4/36$

All: -19.953 ± 0.012 $\chi^2/\text{NDF}: 1294833.5/73$

- sign -20.186 ± 0.017 $\chi^2/\text{NDF}: 605498.9/36$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 17.338 $\pm$ 0.441 χ^2/NDF :401.3/19

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

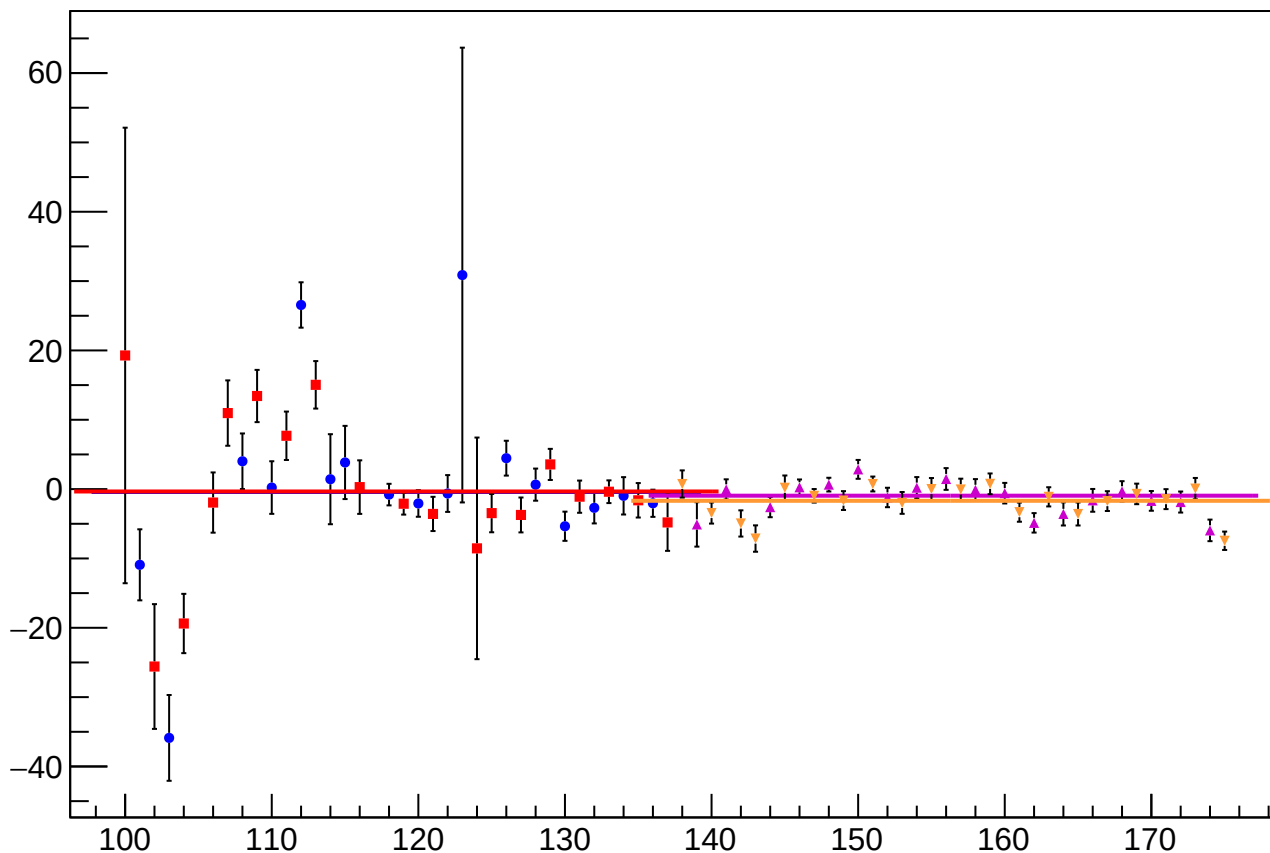
Left In: 14.455 $\pm$ 0.460 χ^2/NDF :134.3/17

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

All: 15.955 $\pm$ 0.318 χ^2/NDF : 556.1/37

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

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.685 ± 0.324 χ^2/NDF : 49.4/19

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

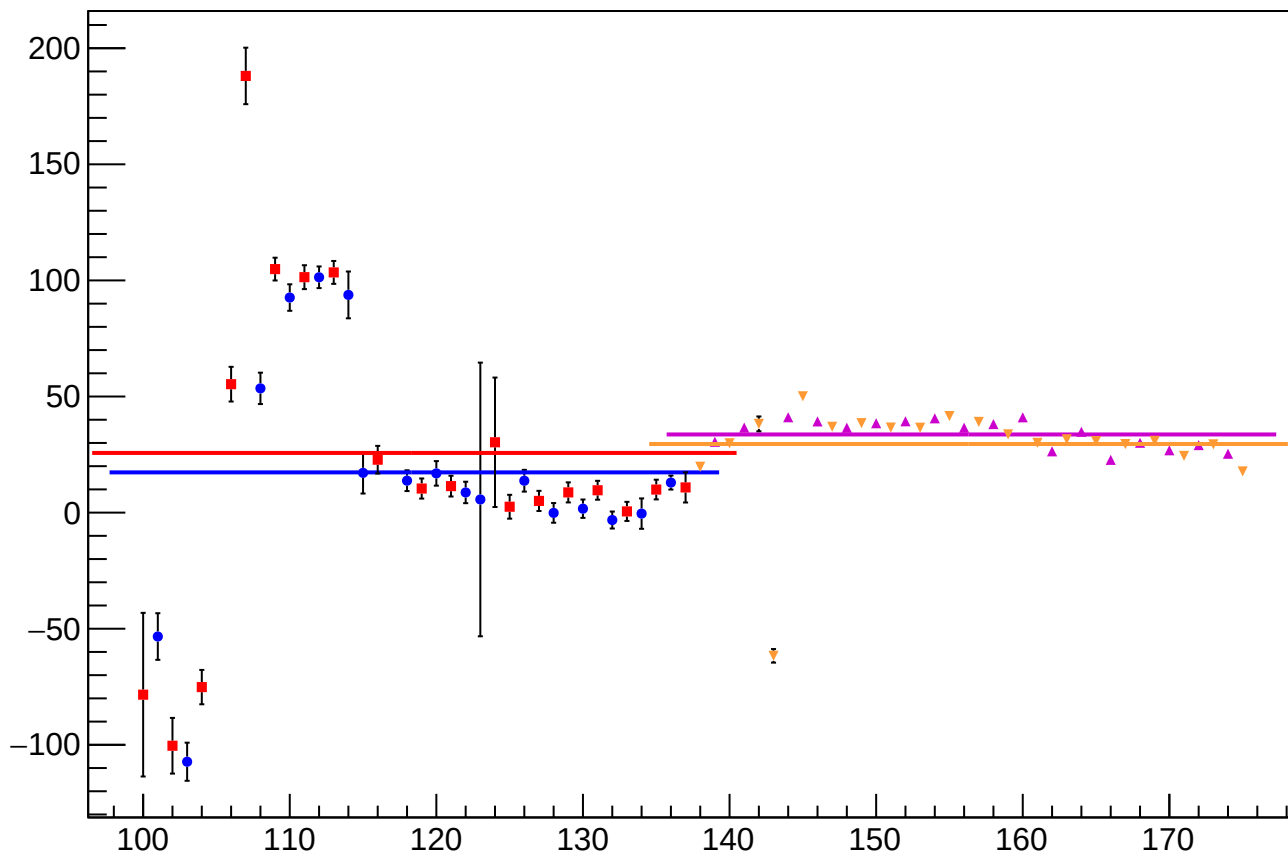
Left In: -0.949 ± 0.340 χ^2/NDF : 39.8/17

+ sign -1.434 ± 0.290 χ^2/NDF : 172.3/36

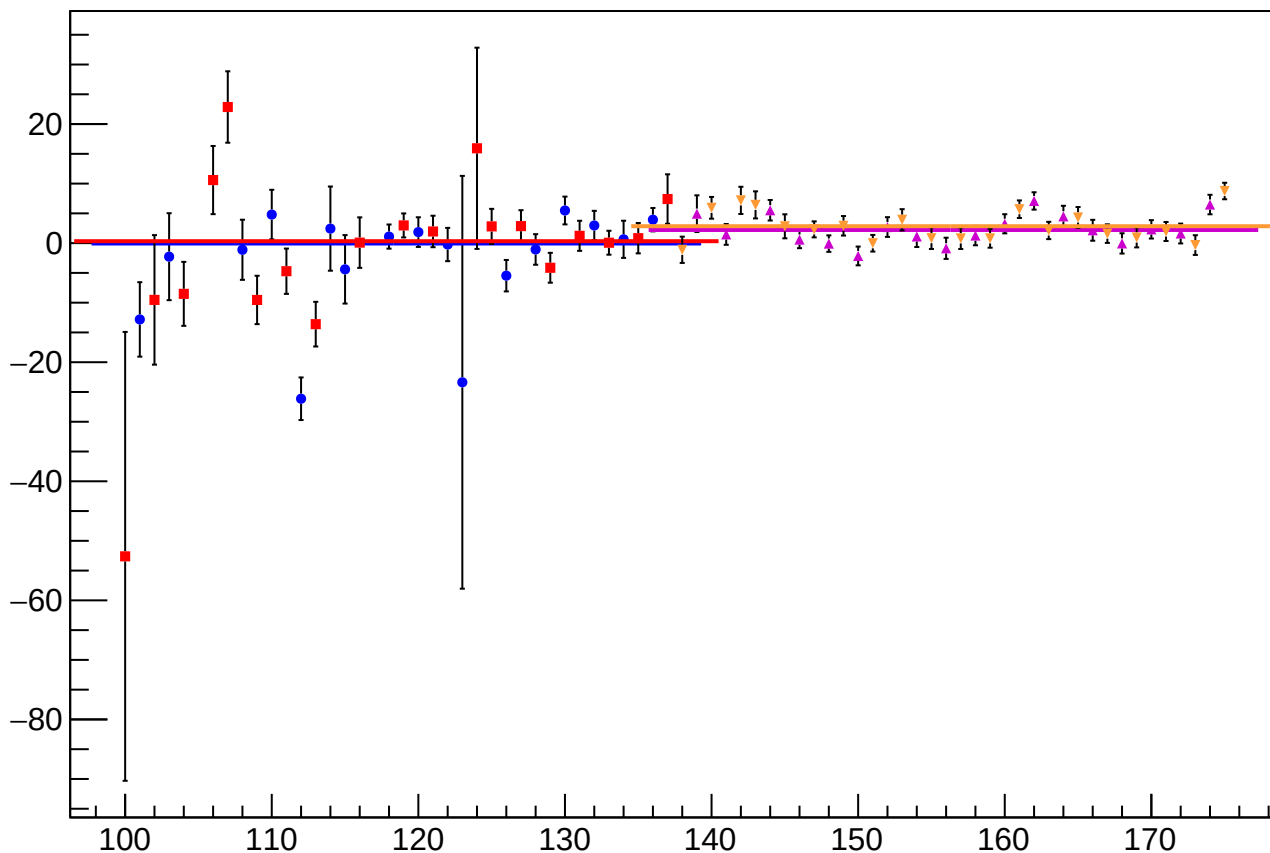
All: -1.139 ± 0.209 χ^2/NDF : 298.7/73

- sign -0.821 ± 0.302 χ^2/NDF : 124.2/36

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.843 ± 0.372 χ^2/NDF : 49.9/19

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

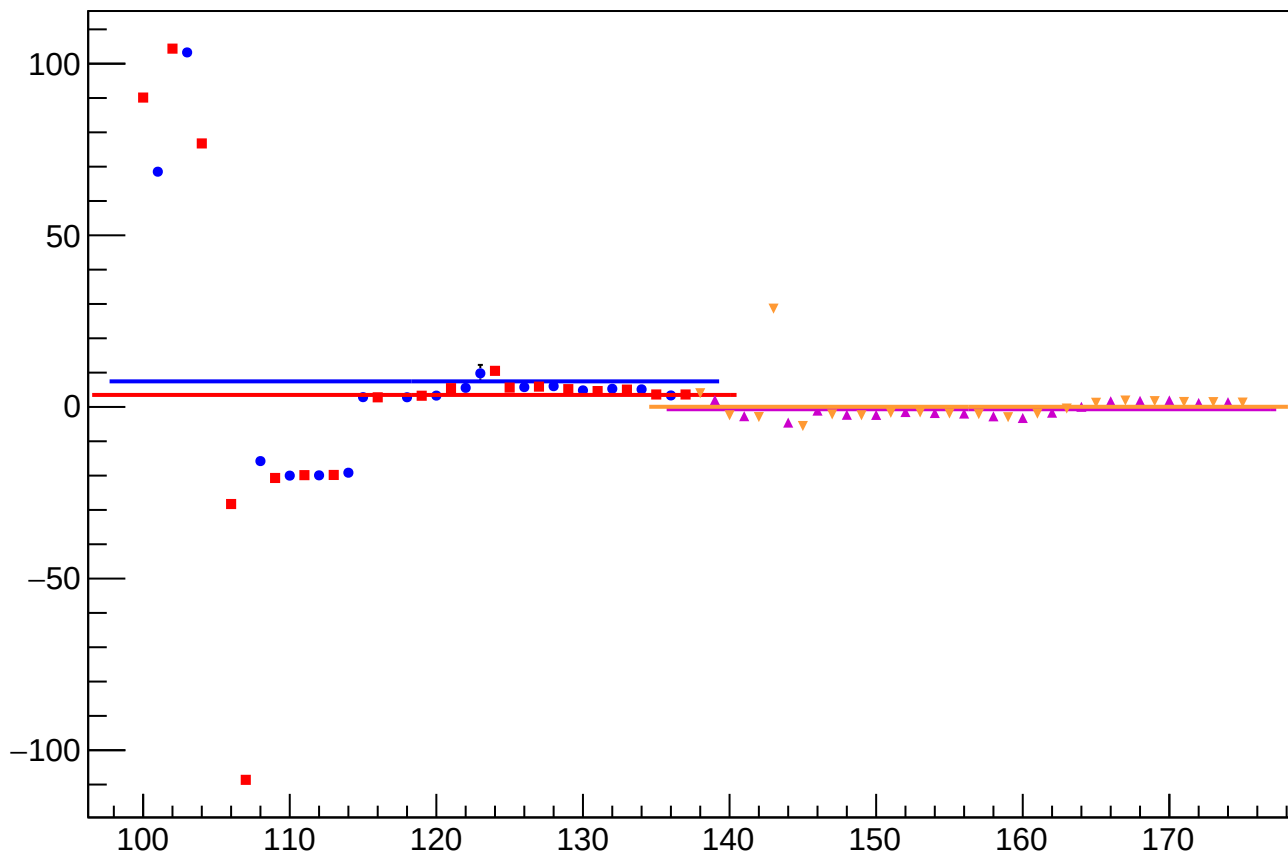
Left In: 2.210 ± 0.391 χ^2/NDF : 42.1/17

+ sign 2.261 ± 0.333 χ^2/NDF : 138.6/36

All: 2.043 ± 0.240 χ^2/NDF : 241.7/73

- sign 1.807 ± 0.347 χ^2/NDF : 102.1/36

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 χ^2/NDF : 356053.3/16

Left Out: 0.049 ± 0.017 χ^2/NDF : 77229.0/19

Right Out: 3.502 ± 0.046 χ^2/NDF : 510579.7/18

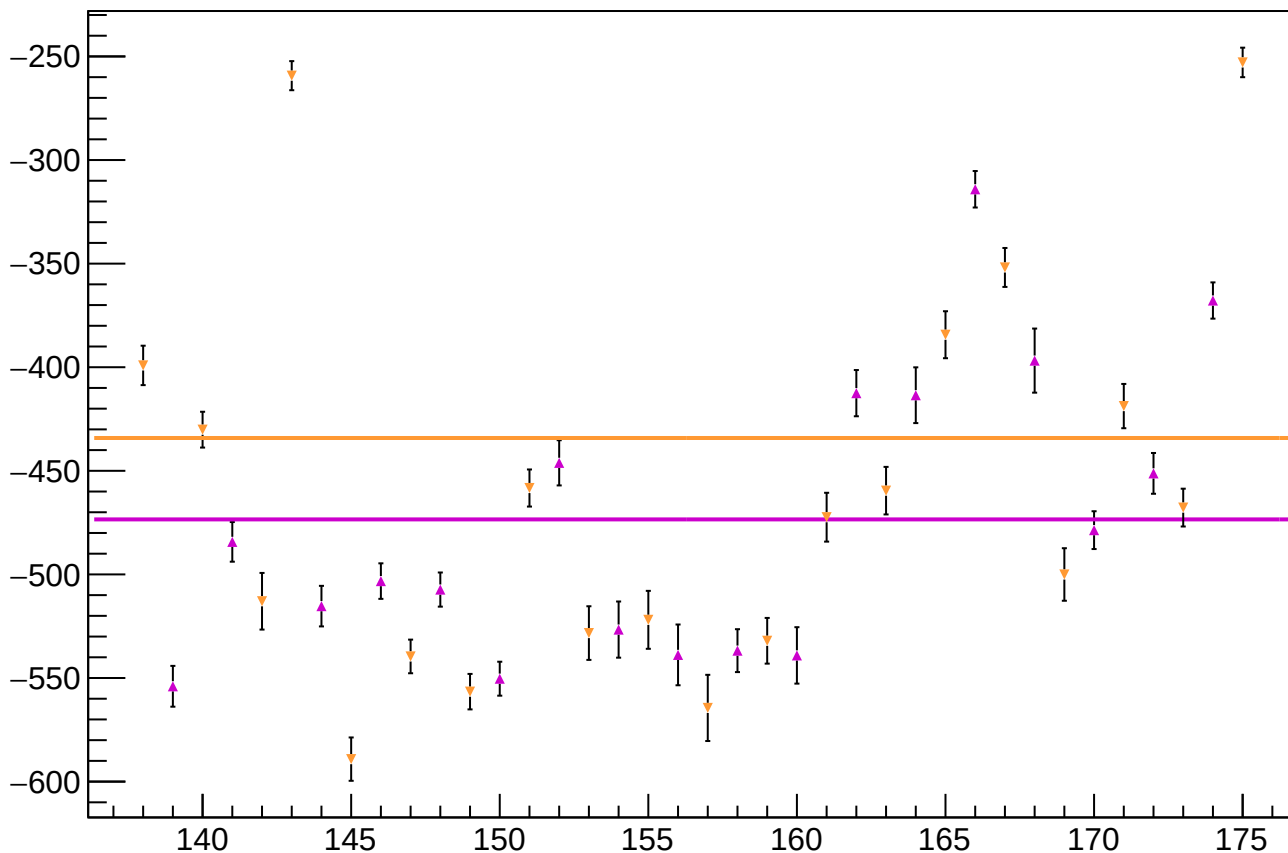
Left In: -0.667 ± 0.018 χ^2/NDF : 12630.4/17

+ sign 1.019 ± 0.016 χ^2/NDF : 457431.4/36

All: 0.459 ± 0.011 χ^2/NDF : 990408.2/73

- sign -0.125 ± 0.016 χ^2/NDF : 530499.0/36

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -434.157+/-2.212 χ^2/NDF : 2306.9/19

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

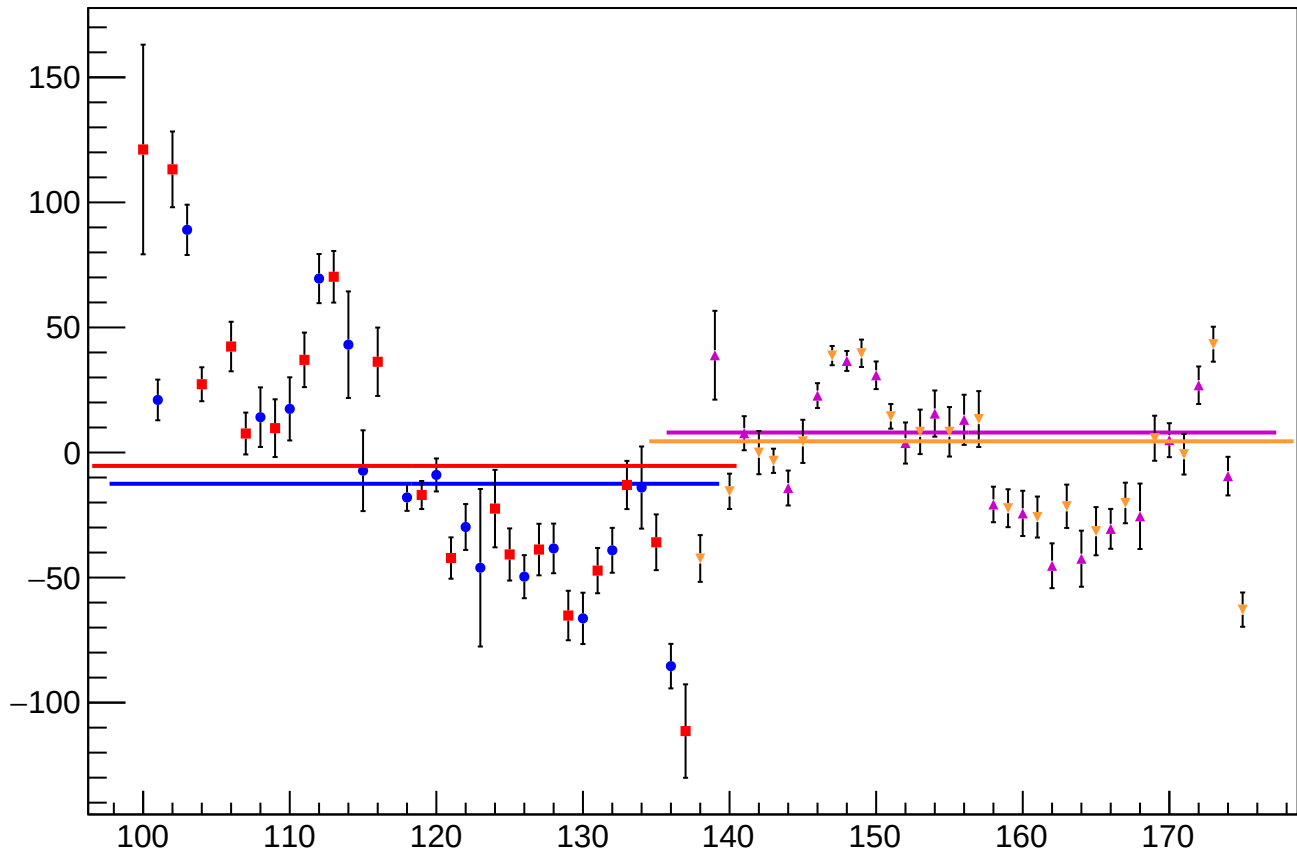
Left In: -473.449+/-2.396 χ^2/NDF : 858.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -452.237+/-1.626 χ^2/NDF : 3310.7/37

- 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: 4.472 ± 1.553 χ^2/NDF : 347.8/19

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

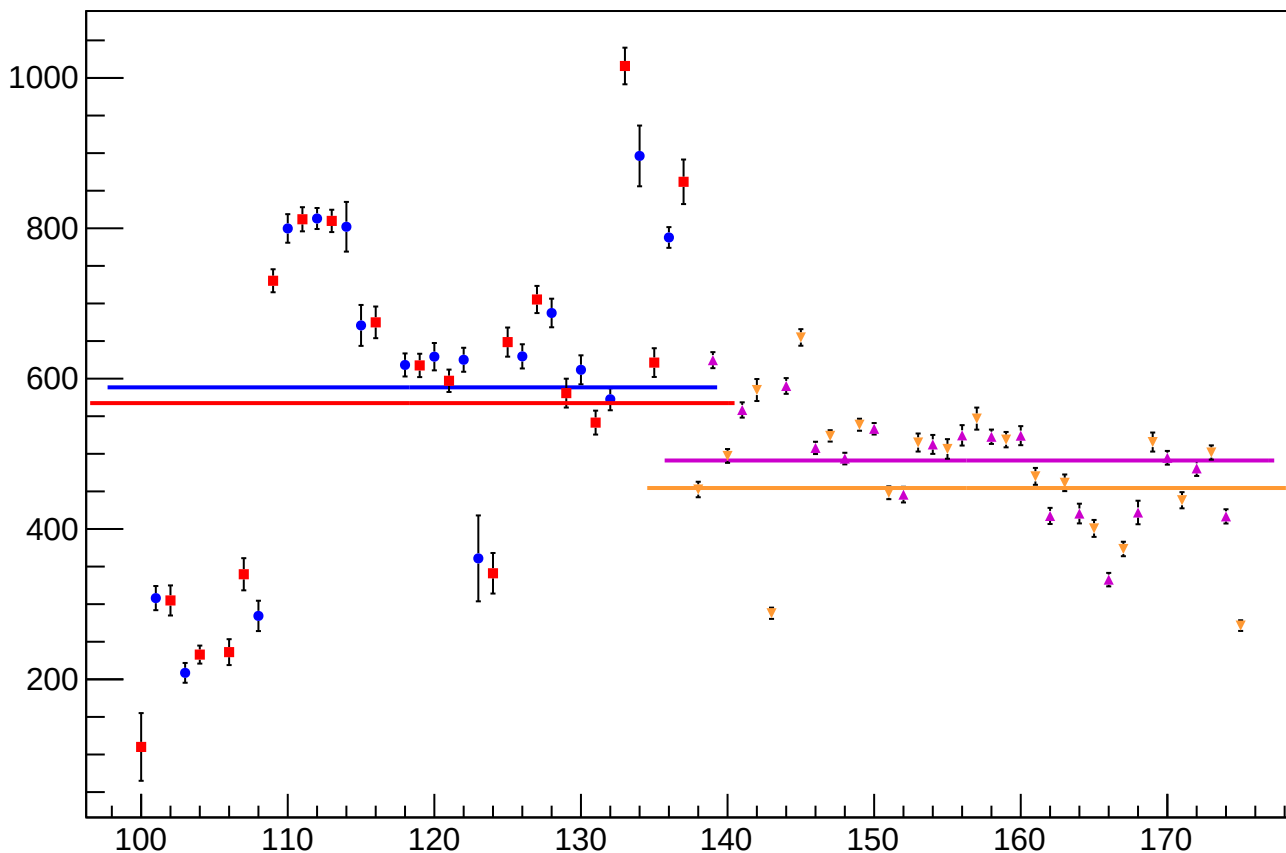
Left In: 7.992 ± 1.695 χ^2/NDF : 218.0/17

+ sign -0.806 ± 1.289 χ^2/NDF : 726.1/36

All: 1.091 ± 0.934 χ^2/NDF : 1315.5/73

- sign 3.195 ± 1.357 χ^2/NDF : 584.9/36

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 $\pm$ 4.320 χ^2 /NDF: 2130.2/16

Left Out: 454.504 $\pm$ 2.202 χ^2 /NDF:2049.7/19

Right Out: 567.451 $\pm$ 4.137 χ^2 /NDF: 2784.8/18

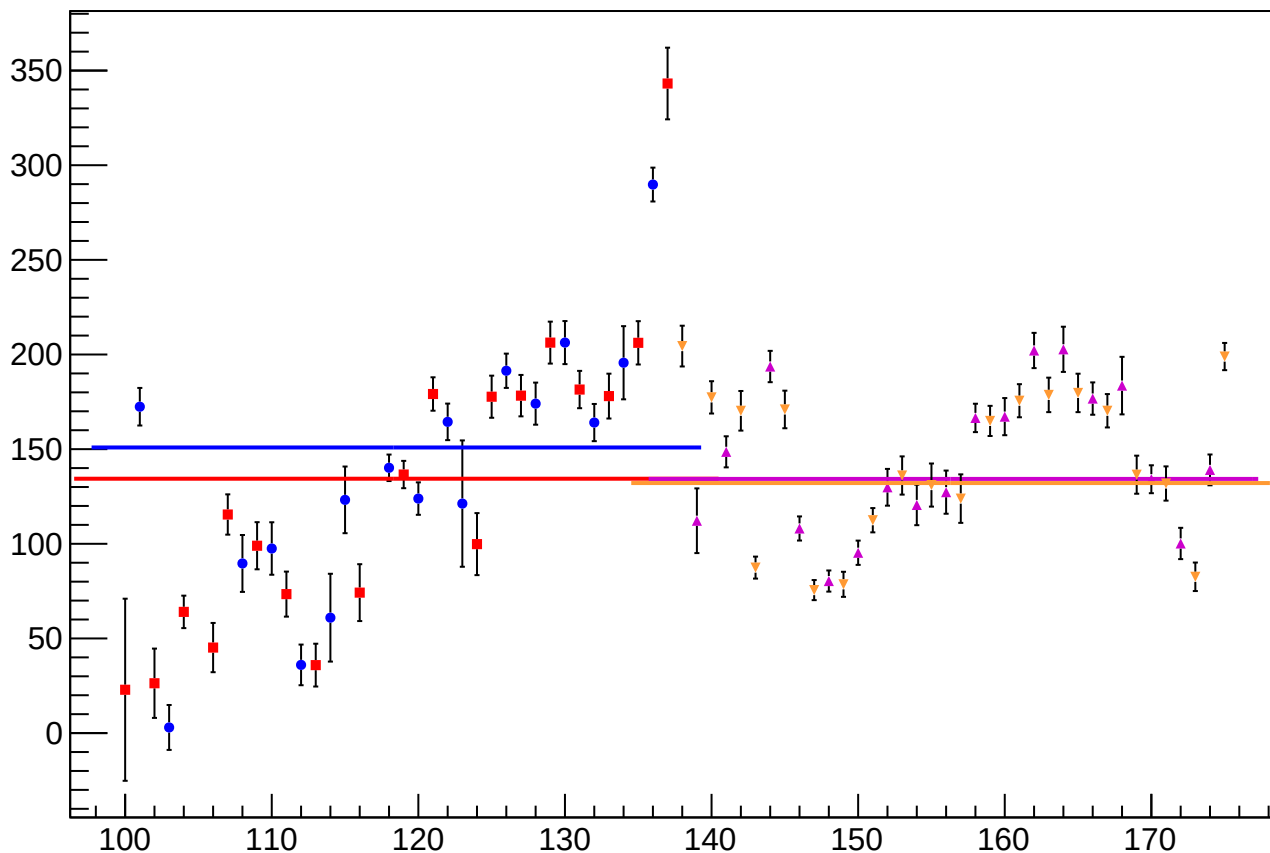
Left In: 491.122 $\pm$ 2.368 χ^2 /NDF:840.6/17

+ sign 482.124 $\pm$ 1.962 χ^2 /NDF: 4942.5/36

All: 495.398 $\pm$ 1.419 χ^2 /NDF: 8920.4/73

- sign 509.963 $\pm$ 2.055 χ^2 /NDF: 3881.9/36

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 χ^2/NDF : 634.8/16

Left Out: 132.092 ± 1.825 χ^2/NDF : 588.4/19

Right Out: 134.381 ± 2.620 χ^2/NDF : 584.9/18

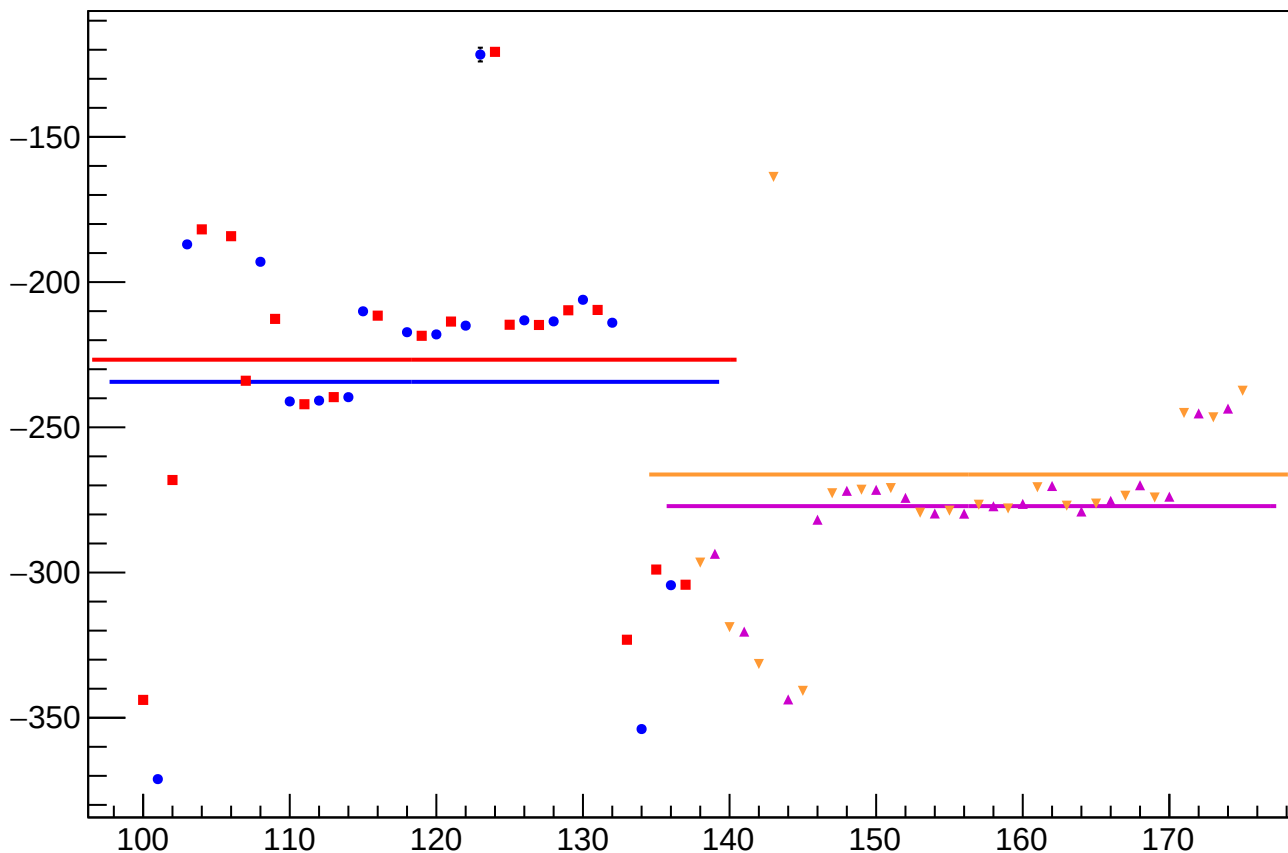
Left In: 134.280 ± 1.985 χ^2/NDF : 374.0/17

+ sign 138.069 ± 1.508 χ^2/NDF : 1256.9/36

All: 136.283 ± 1.091 χ^2/NDF : 2218.7/73

- sign 134.316 ± 1.582 χ^2/NDF : 958.9/36

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -266.243+/-0.089 χ^2/NDF : 199267.0/19

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

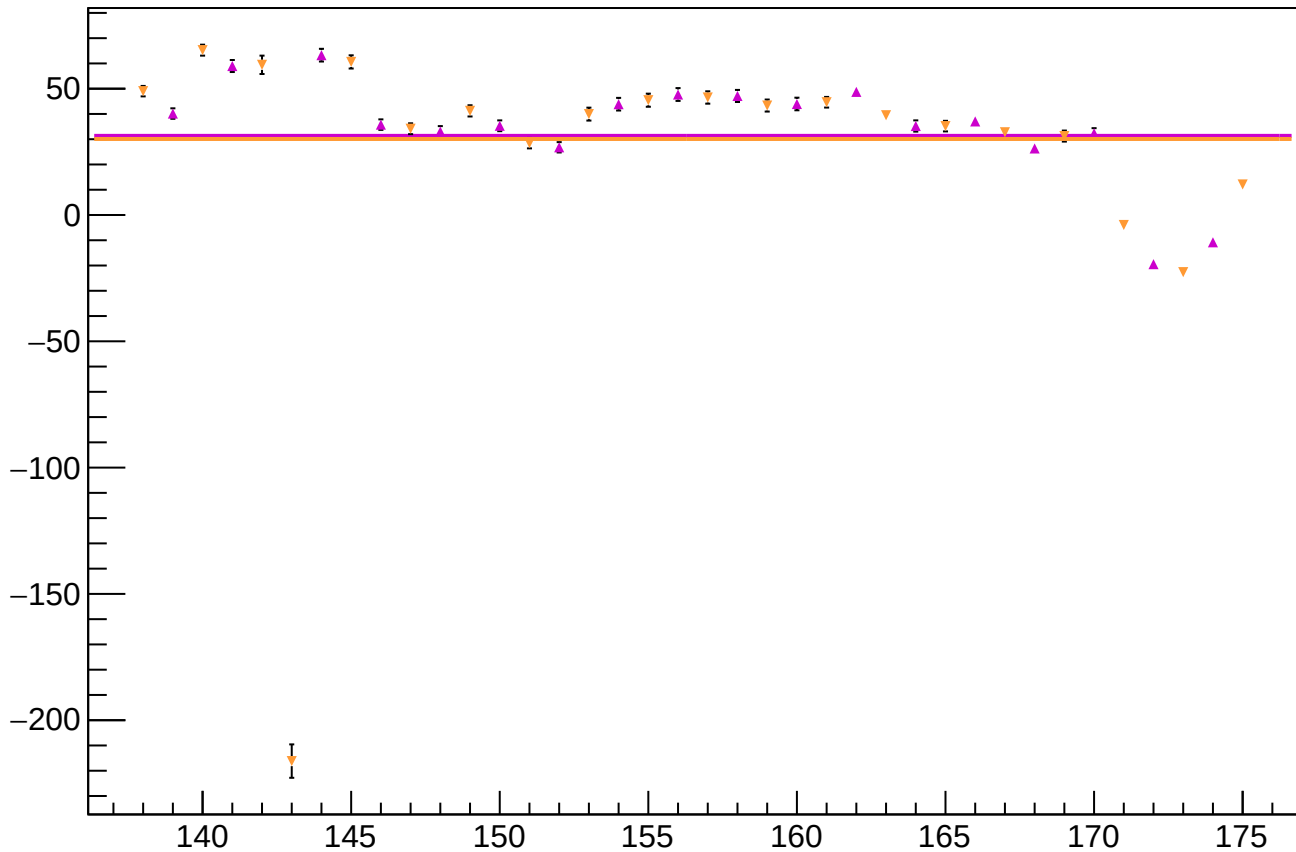
Left In: -277.132+/-0.093 χ^2/NDF : 52766.6/17

+ sign -257.818+/-0.076 χ^2/NDF : 378484.0/36

All: -259.797+/-0.054 χ^2/NDF : 620776.7/73

- sign -261.859+/-0.078 χ^2/NDF : 240915.5/36

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 30.097 $\pm$ 0.484 χ^2 /NDF:3389.4/19

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

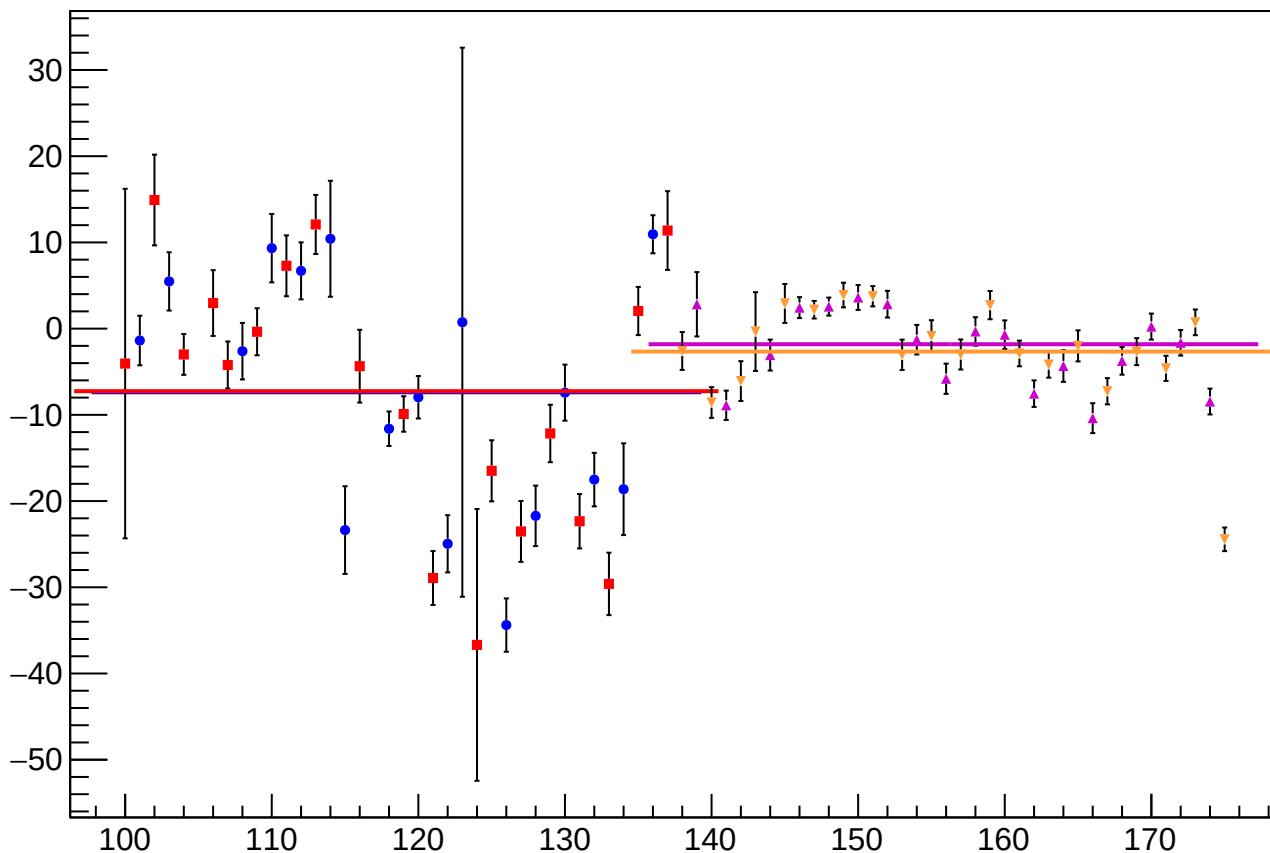
Left In: 31.327 $\pm$ 0.499 χ^2 /NDF:1883.9/17

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

All: 30.693 $\pm$ 0.348 χ^2 /NDF: 5276.4/37

- sign 0.000 $\pm$ 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: -2.661 ± 0.355 χ^2/NDF : 375.1/19

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

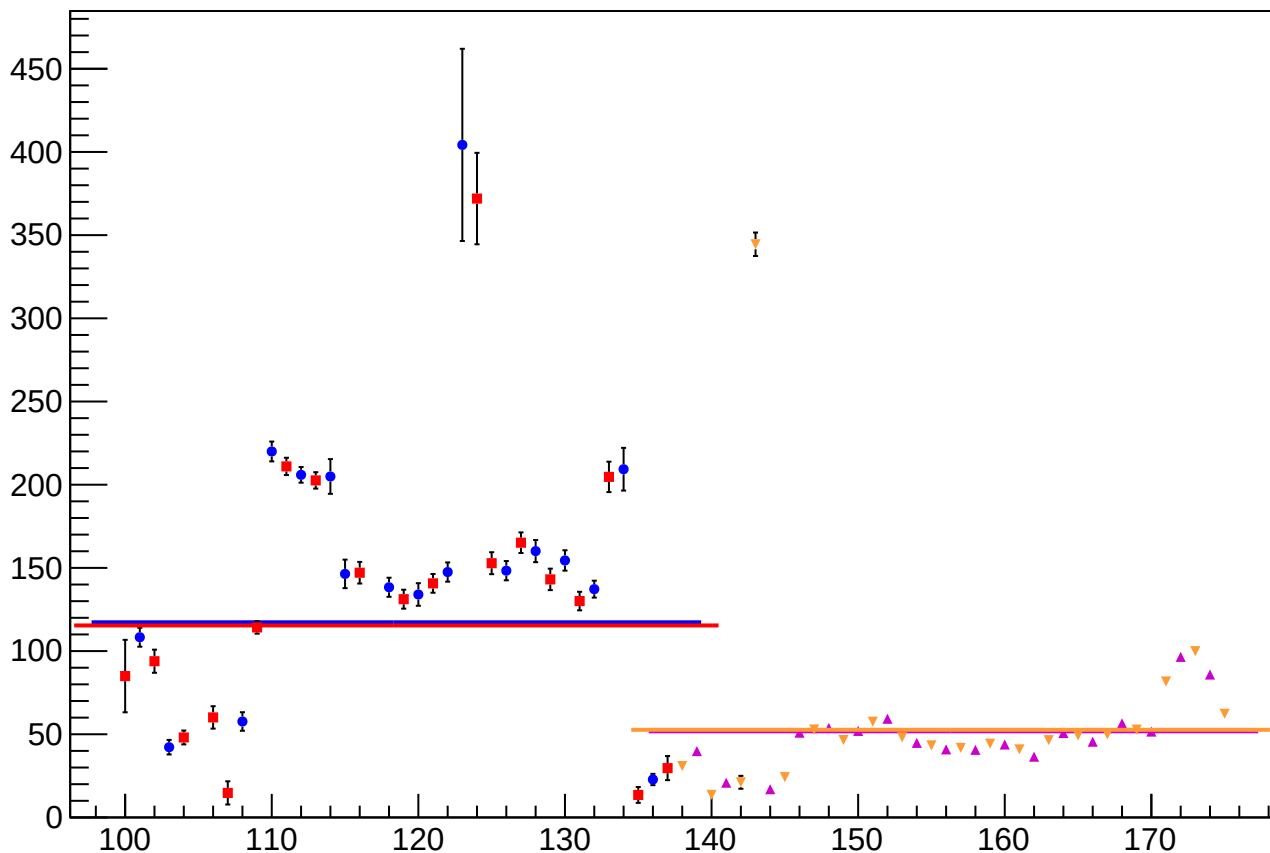
Left In: -1.810 ± 0.368 χ^2/NDF : 141.6/17

+ sign -3.474 ± 0.323 χ^2/NDF : 689.1/36

All: -3.165 ± 0.231 χ^2/NDF : 1131.3/73

- sign -2.840 ± 0.331 χ^2/NDF : 440.4/36

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 52.690 $\pm$ 0.478 χ^2 /NDF:3209.2/19

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

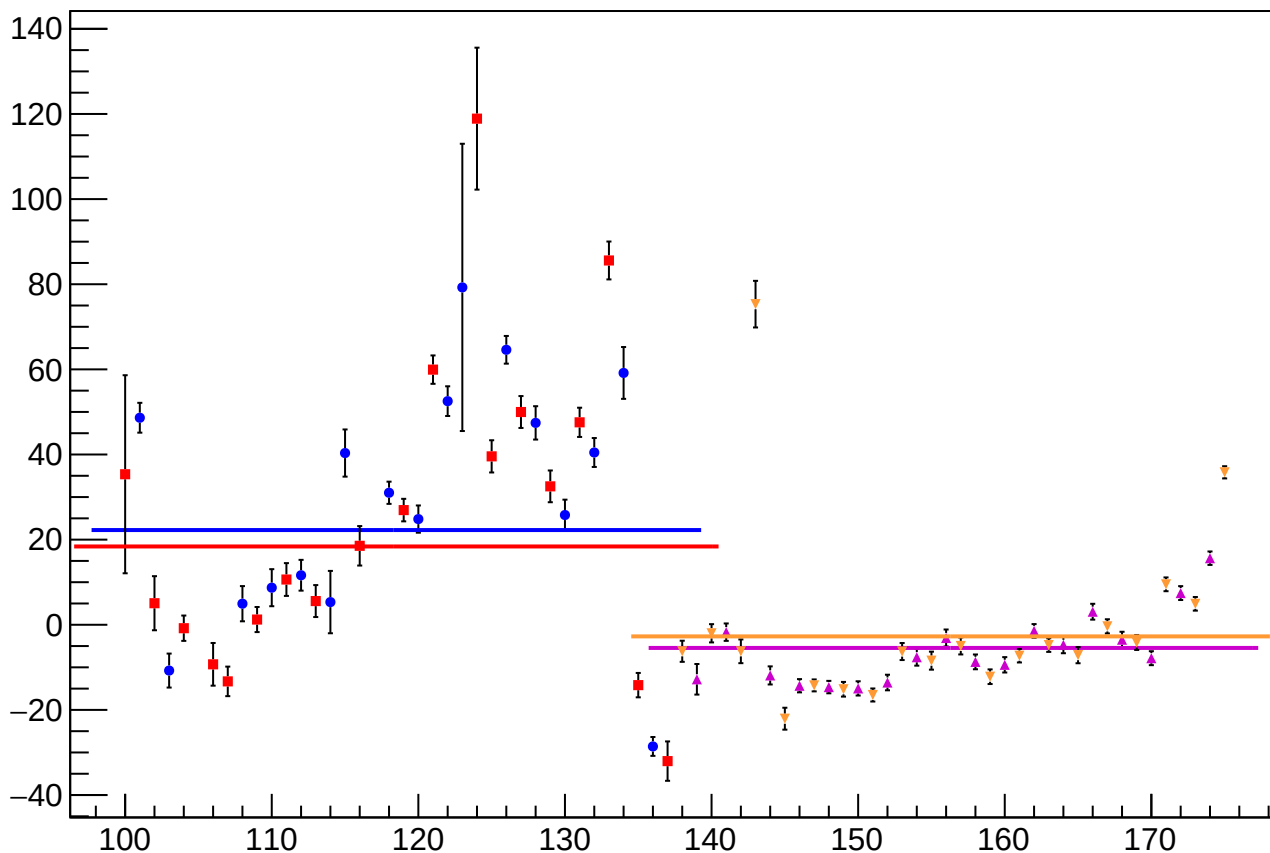
Left In: 51.766 $\pm$ 0.494 χ^2 /NDF:1376.3/17

+ sign 59.373 $\pm$ 0.453 χ^2 /NDF: 7257.0/36

All: 59.275 $\pm$ 0.324 χ^2 /NDF: 12716.9/73

- sign 59.172 $\pm$ 0.464 χ^2 /NDF: 5459.9/36

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -2.730 $\pm$ 0.407 χ^2 /NDF:1325.5/19

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

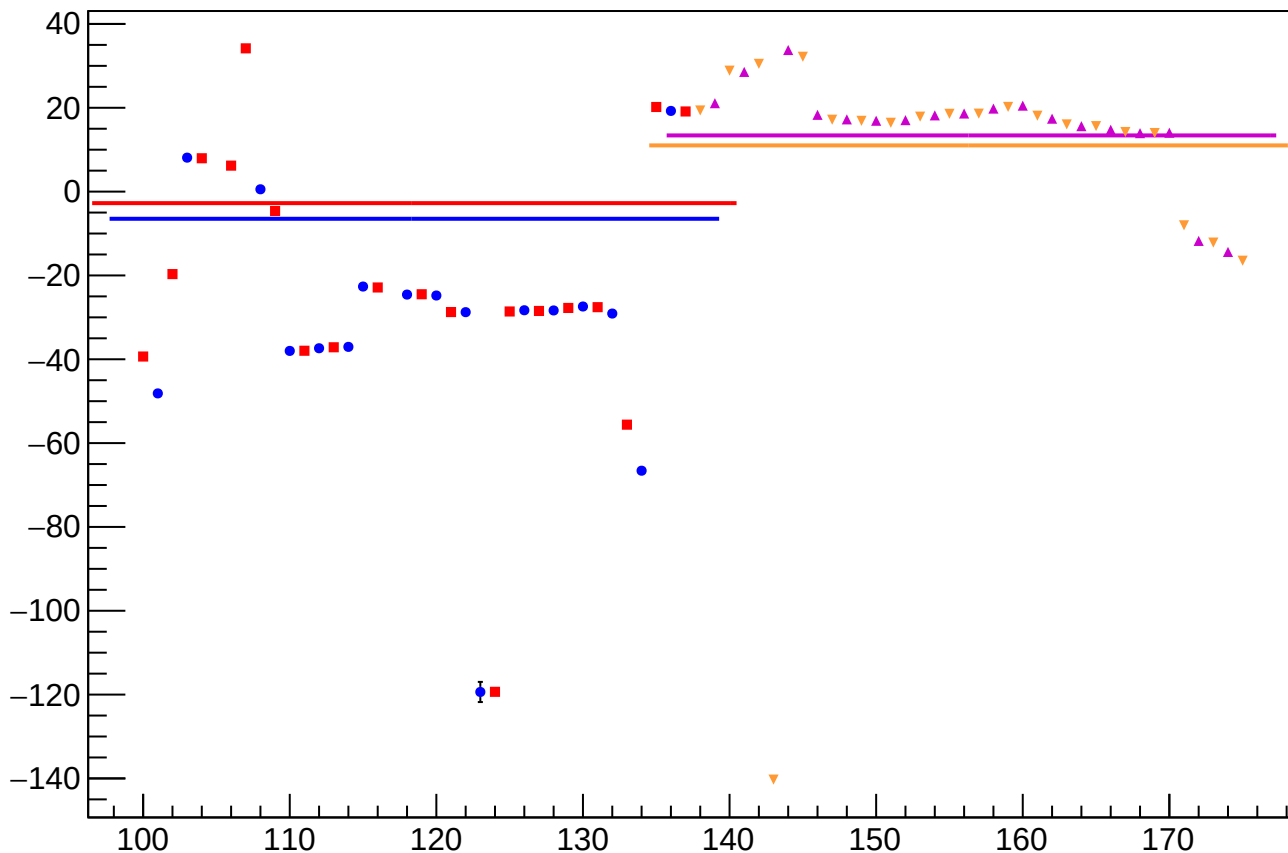
Left In: -5.443 $\pm$ 0.423 χ^2 /NDF:422.8/17

+ sign 1.602 $\pm$ 0.370 χ^2 /NDF: 3049.3/36

All: 0.383 $\pm$ 0.265 χ^2 /NDF: 5176.7/73

- sign -0.903 $\pm$ 0.380 χ^2 /NDF: 2105.1/36

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 11.024 ± 0.019 $\chi^2/\text{NDF}: 790970.8/19$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

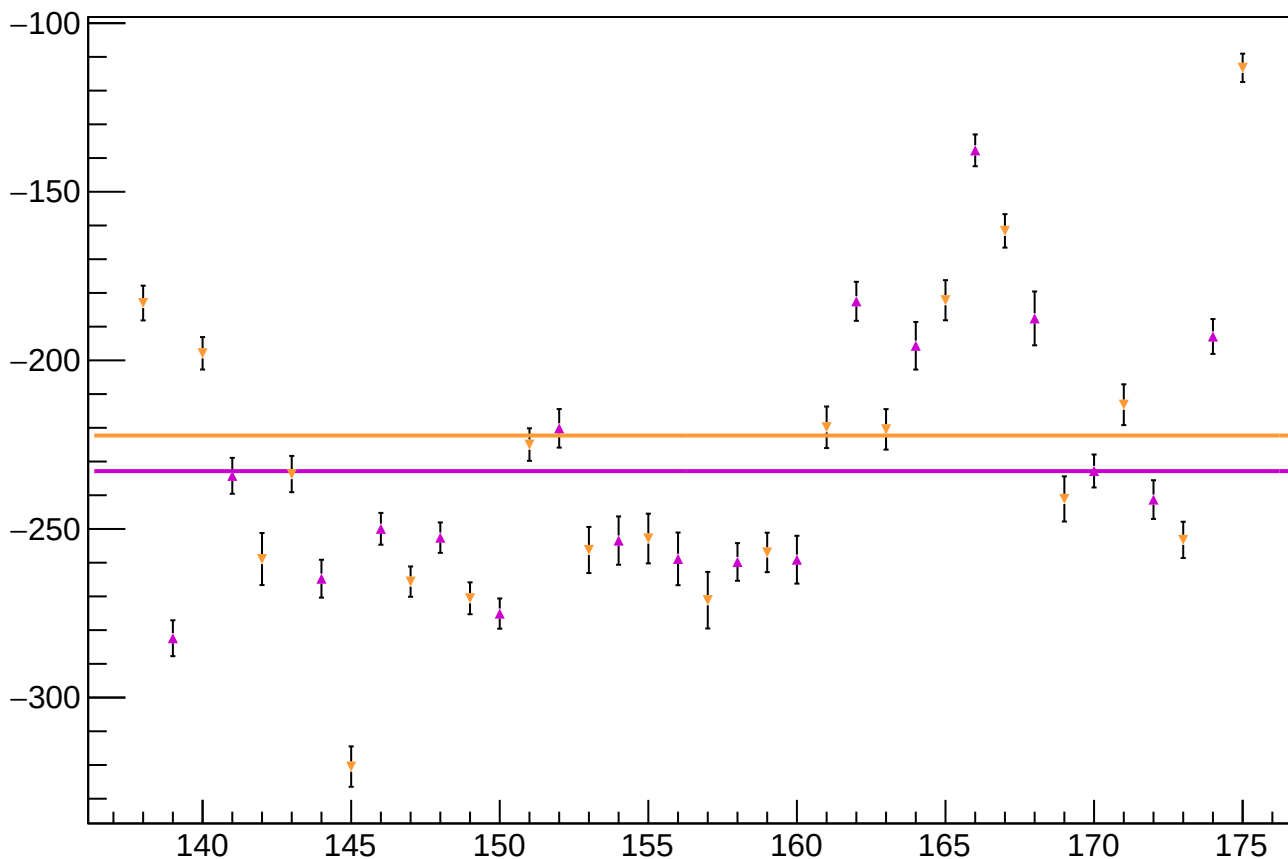
Left In: 13.406 ± 0.019 $\chi^2/\text{NDF}: 397836.7/17$

+ sign 8.509 ± 0.017 $\chi^2/\text{NDF}: 1179930.4/36$

All: 9.747 ± 0.012 $\chi^2/\text{NDF}: 1960629.6/73$

- sign 11.002 ± 0.018 $\chi^2/\text{NDF}: 770624.9/36$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -222.285+/-1.246 χ^2/NDF :1598.2/19

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

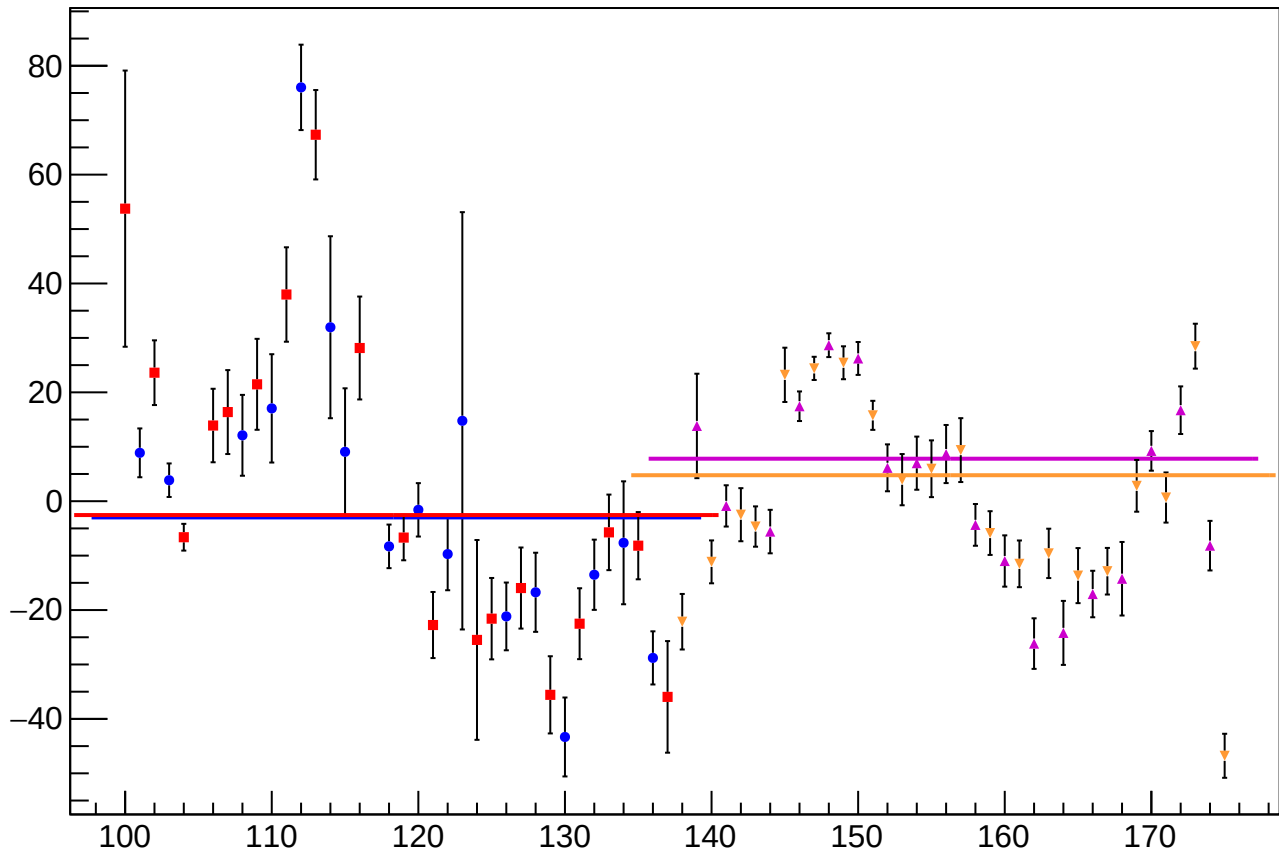
Left In: -232.845+/-1.308 χ^2/NDF :906.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.311+/-0.902 χ^2/NDF : 2538.7/37

- 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: 4.772 ± 0.874 χ^2/NDF : 473.9/19

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

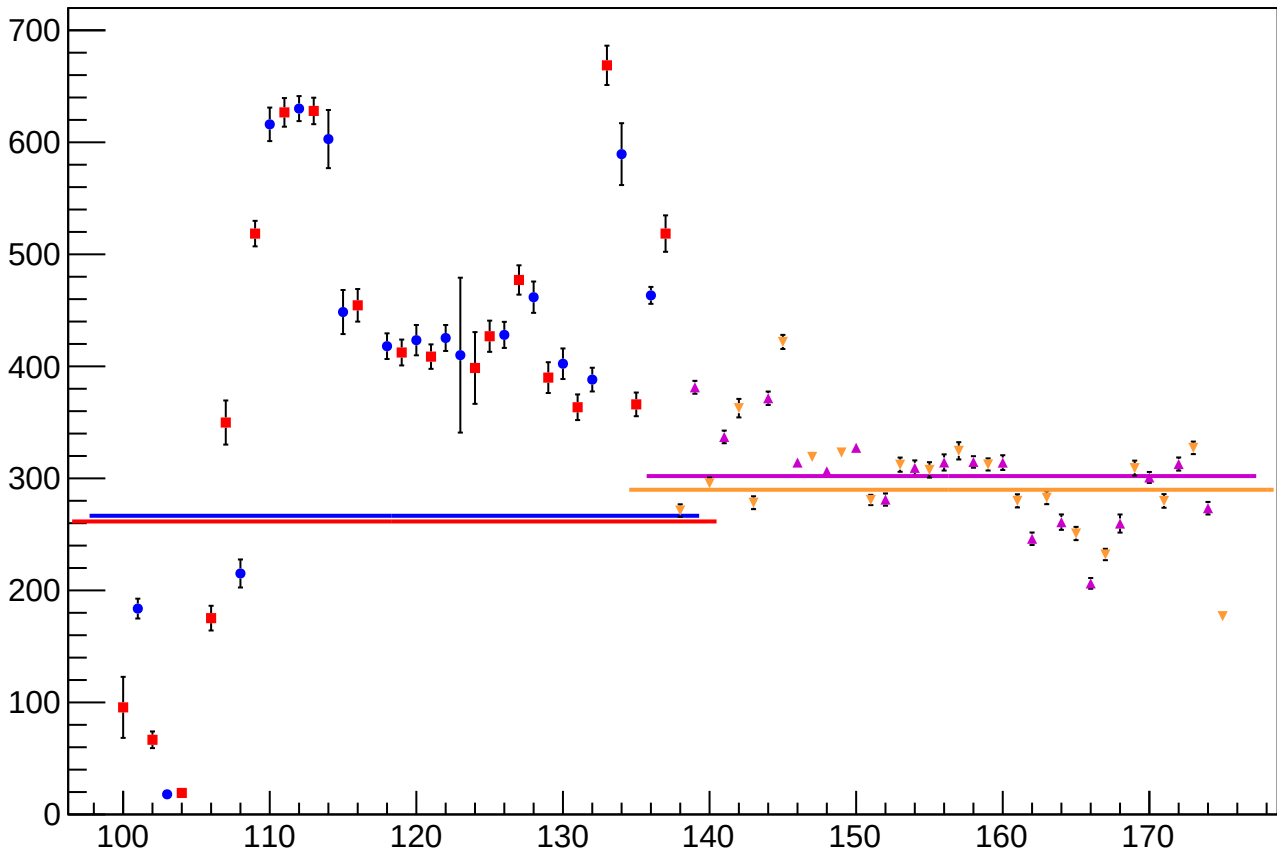
Left In: 7.806 ± 0.925 χ^2/NDF : 328.0/17

+ sign 2.707 ± 0.749 χ^2/NDF : 698.8/36

All: 3.652 ± 0.537 χ^2/NDF : 1286.3/73

- sign 4.656 ± 0.771 χ^2/NDF : 584.2/36

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 289.837 $\pm$ 1.234 χ^2 /NDF:1655.3/19

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

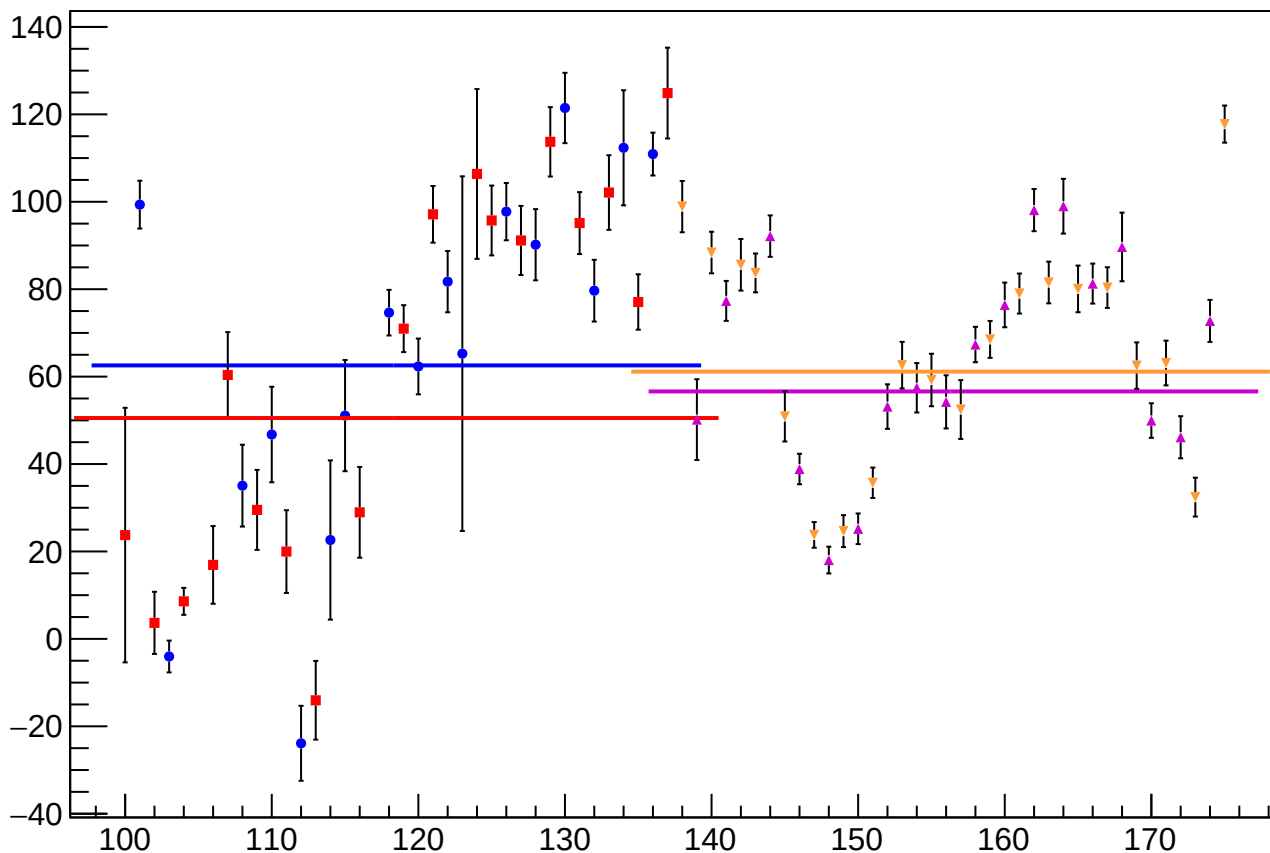
Left In: 302.057 $\pm$ 1.289 χ^2 /NDF:1025.6/17

+ sign 285.220 $\pm$ 1.105 χ^2 /NDF: 9388.3/36

All: 289.134 $\pm$ 0.794 χ^2 /NDF: 18861.1/73

- sign 293.314 $\pm$ 1.142 χ^2 /NDF: 9446.8/36

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 61.138 $\pm$ 1.026 χ^2 /NDF: 723.1/19

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

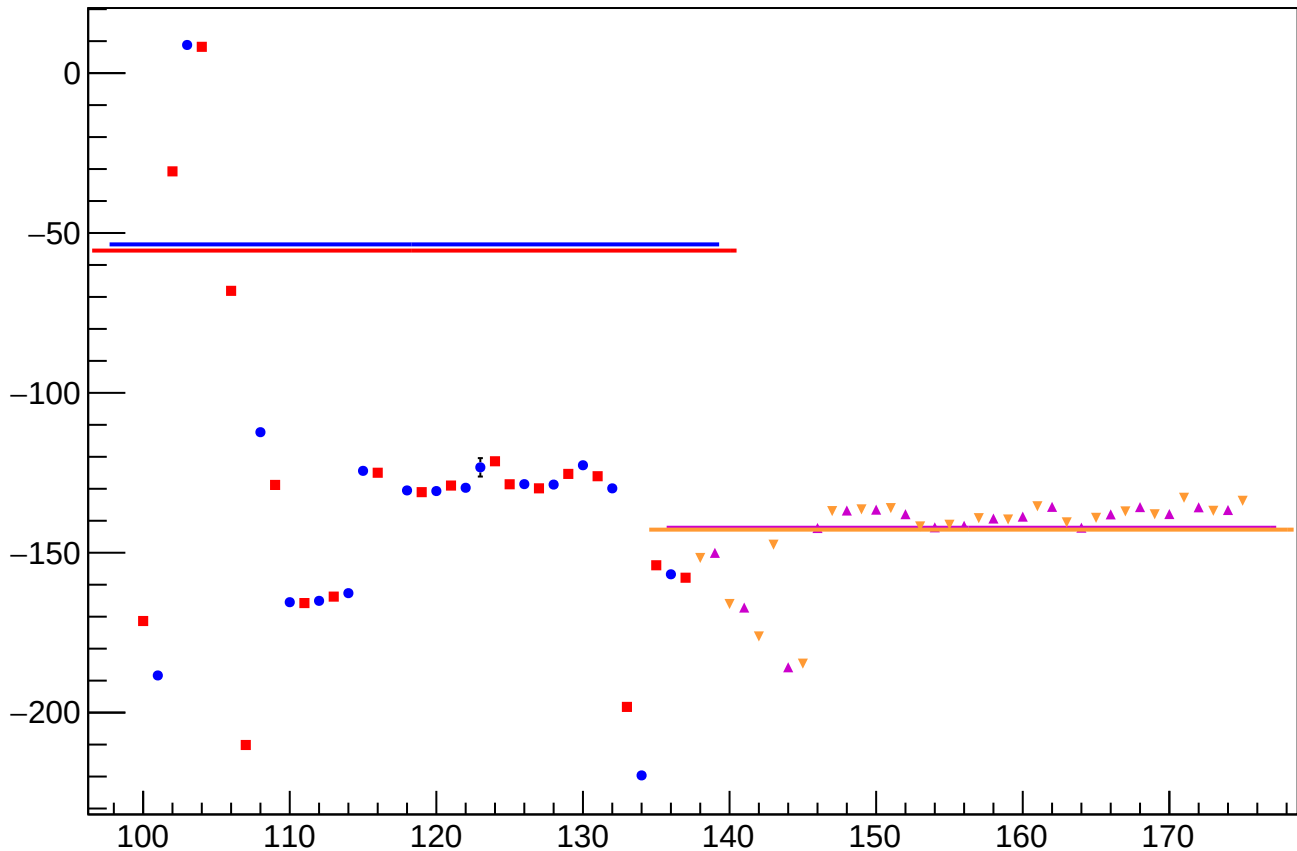
Left In: 56.610 $\pm$ 1.082 χ^2 /NDF: 550.3/17

+ sign 61.527 $\pm$ 0.875 χ^2 /NDF: 1446.1/36

All: 58.257 $\pm$ 0.629 χ^2 /NDF: 2691.8/73

- sign 54.769 $\pm$ 0.904 χ^2 /NDF: 1216.9/36

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -142.779 ± 0.050 χ^2/NDF : 62430.7/19

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

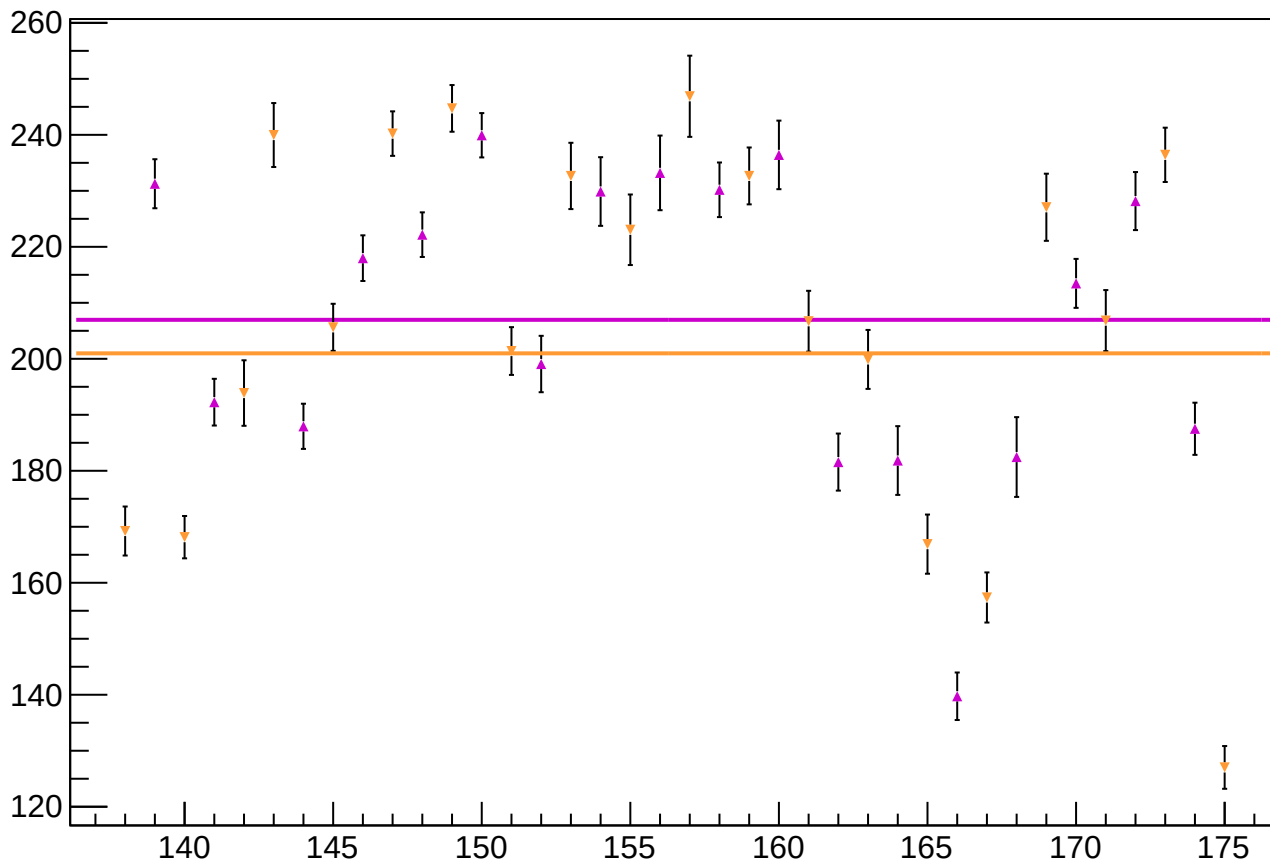
Left In: -142.185 ± 0.051 χ^2/NDF : 47622.4/17

+ sign -113.087 ± 0.041 χ^2/NDF : 2367899.1/36

All: -113.239 ± 0.029 χ^2/NDF : 4355787.6/73

- sign -113.398 ± 0.041 χ^2/NDF : 1987859.9/36

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 200.975+/-1.082 χ^2/NDF :1091.1/19

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

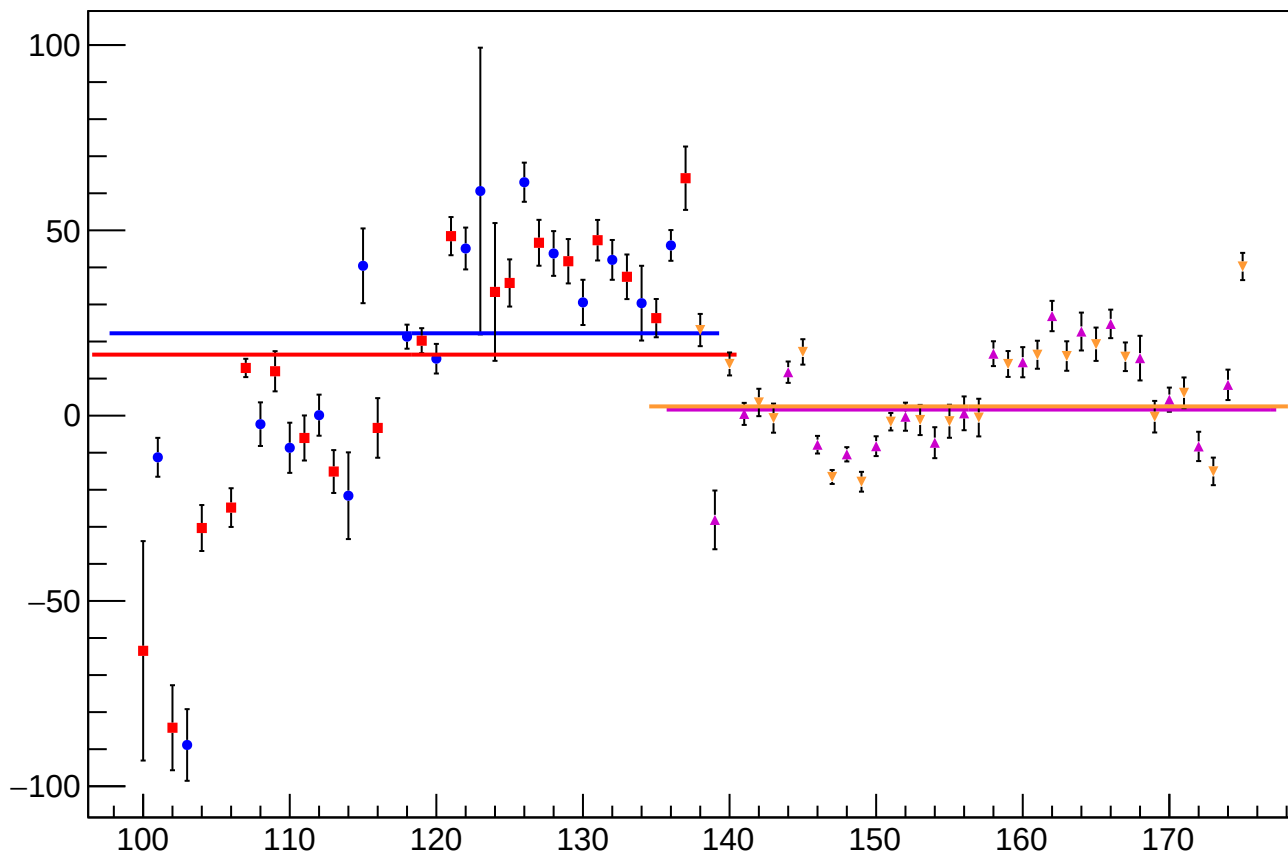
Left In: 206.962+/-1.124 χ^2/NDF :575.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.854+/-0.780 χ^2/NDF : 1681.2/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: 2.492 $\pm$ 0.762 χ^2 /NDF: 411.4/19

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

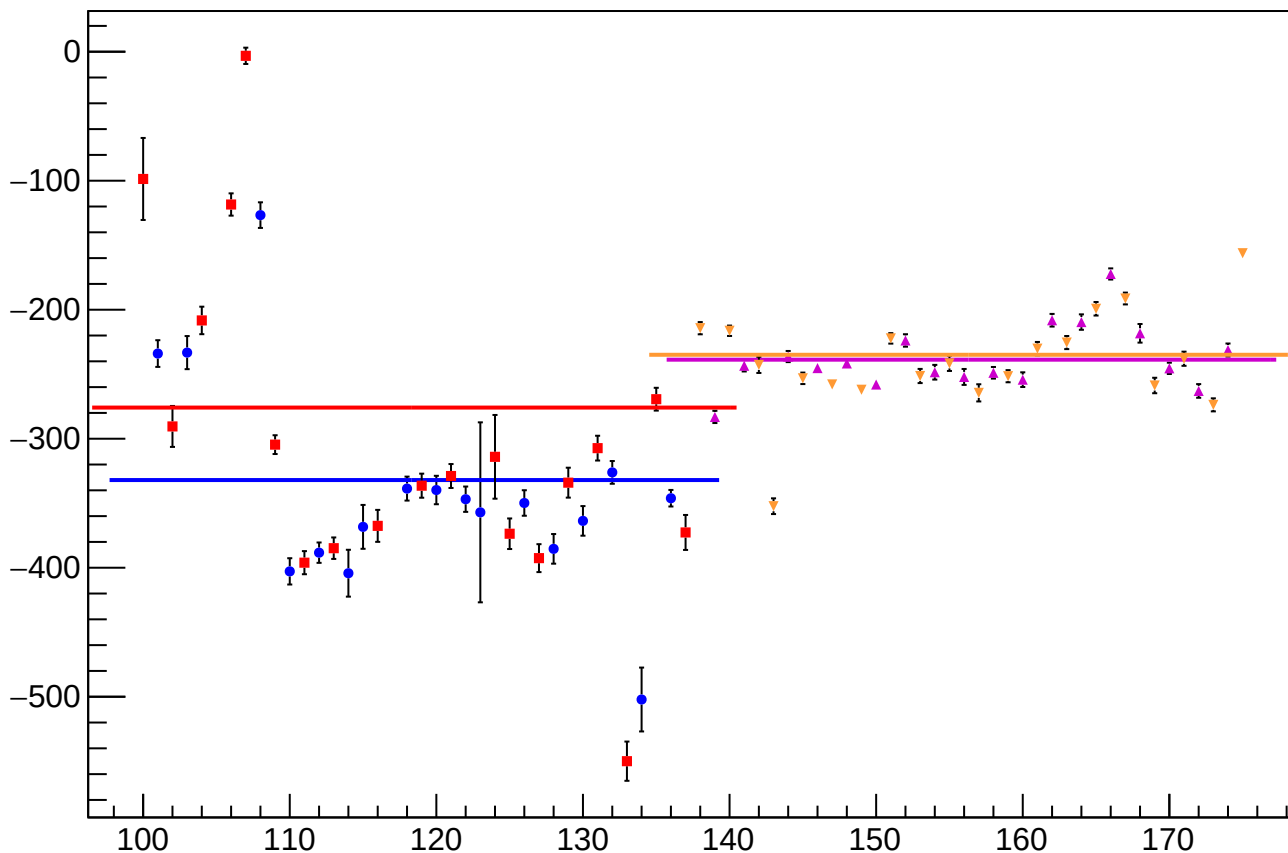
Left In: 1.641 $\pm$ 0.798 χ^2 /NDF: 236.3/17

+ sign 7.133 $\pm$ 0.666 χ^2 /NDF: 954.7/36

All: 6.587 $\pm$ 0.472 χ^2 /NDF: 1720.5/73

- sign 6.036 $\pm$ 0.669 χ^2 /NDF: 764.4/36

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -234.930 $\pm$ 1.074 χ^2 /NDF:1210.8/19

Right Out: -275.853 $\pm$ 2.324 χ^2 /NDF: 3362.8/18

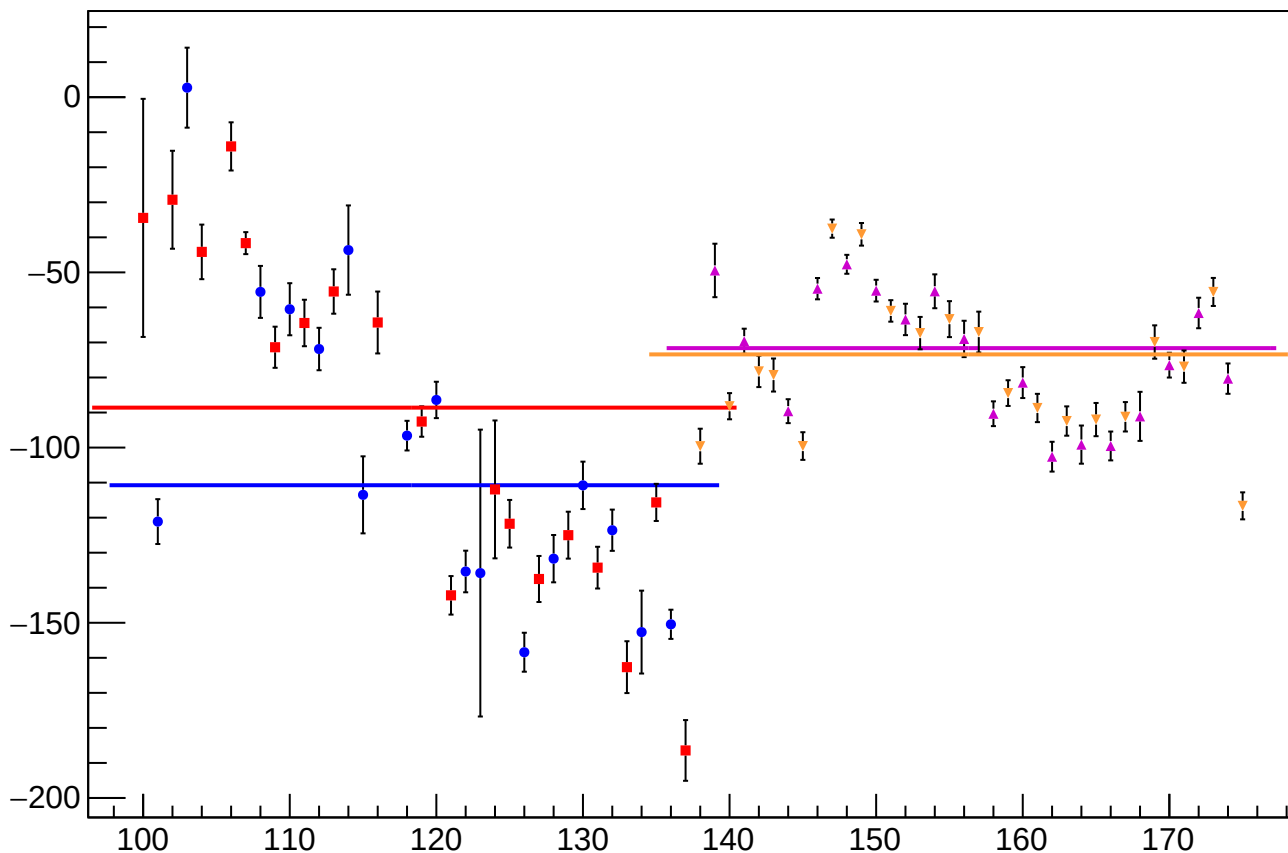
Left In: -238.731 $\pm$ 1.112 χ^2 /NDF:482.0/17

+ sign -249.450 $\pm$ 0.991 χ^2 /NDF: 3217.6/36

All: -247.570 $\pm$ 0.705 χ^2 /NDF: 7277.3/73

- sign -245.643 $\pm$ 1.003 χ^2 /NDF: 4052.4/36

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -73.407 ± 0.894 χ^2/NDF : 640.7/19

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

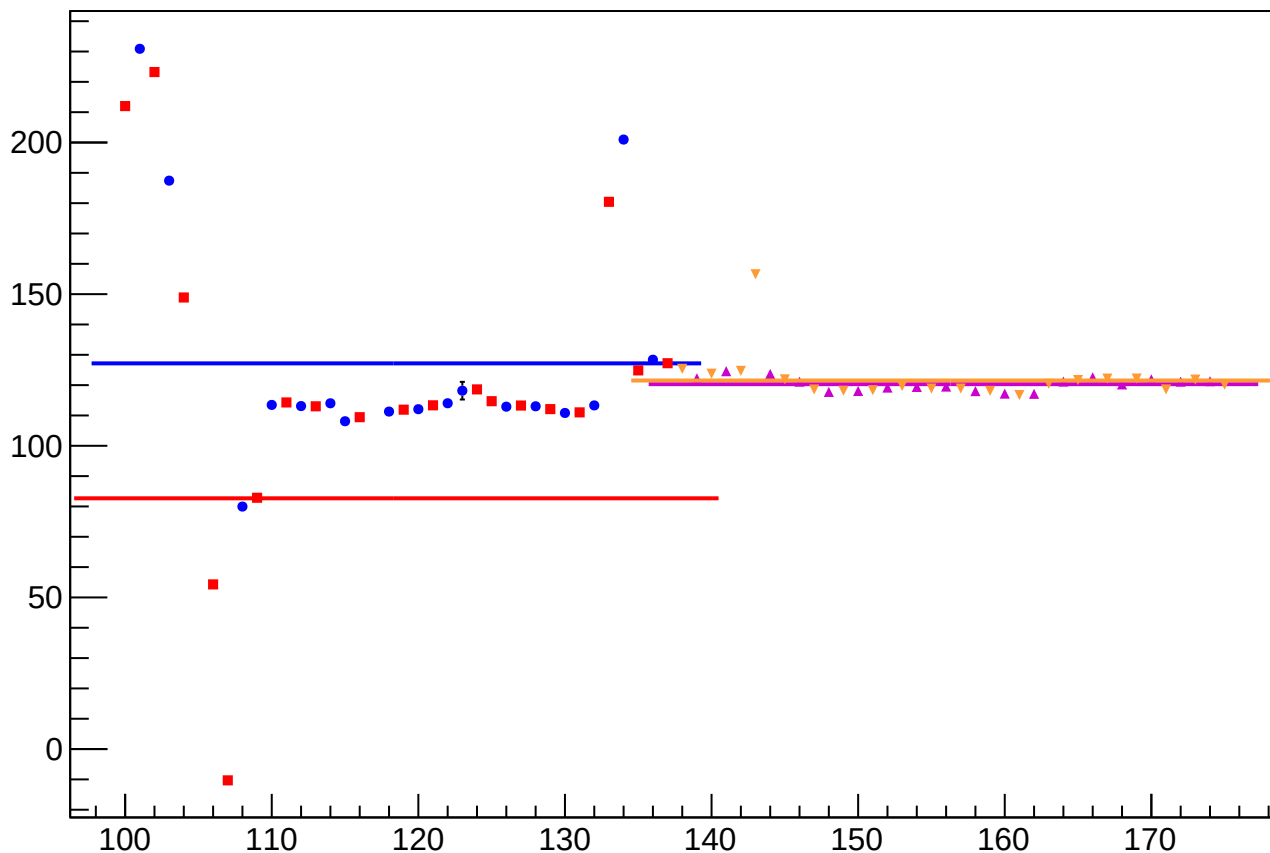
Left In: -71.621 ± 0.934 χ^2/NDF : 365.5/17

+ sign -82.488 ± 0.778 χ^2/NDF : 1578.1/36

All: -79.601 ± 0.552 χ^2/NDF : 3039.4/73

- sign -76.677 ± 0.783 χ^2/NDF : 1433.6/36

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 ± 0.089 $\chi^2/\text{NDF}: 188050.9/16$

Left Out: 121.521 ± 0.043 $\chi^2/\text{NDF}: 23993.8/19$

Right Out: 82.684 ± 0.075 $\chi^2/\text{NDF}: 765716.0/18$

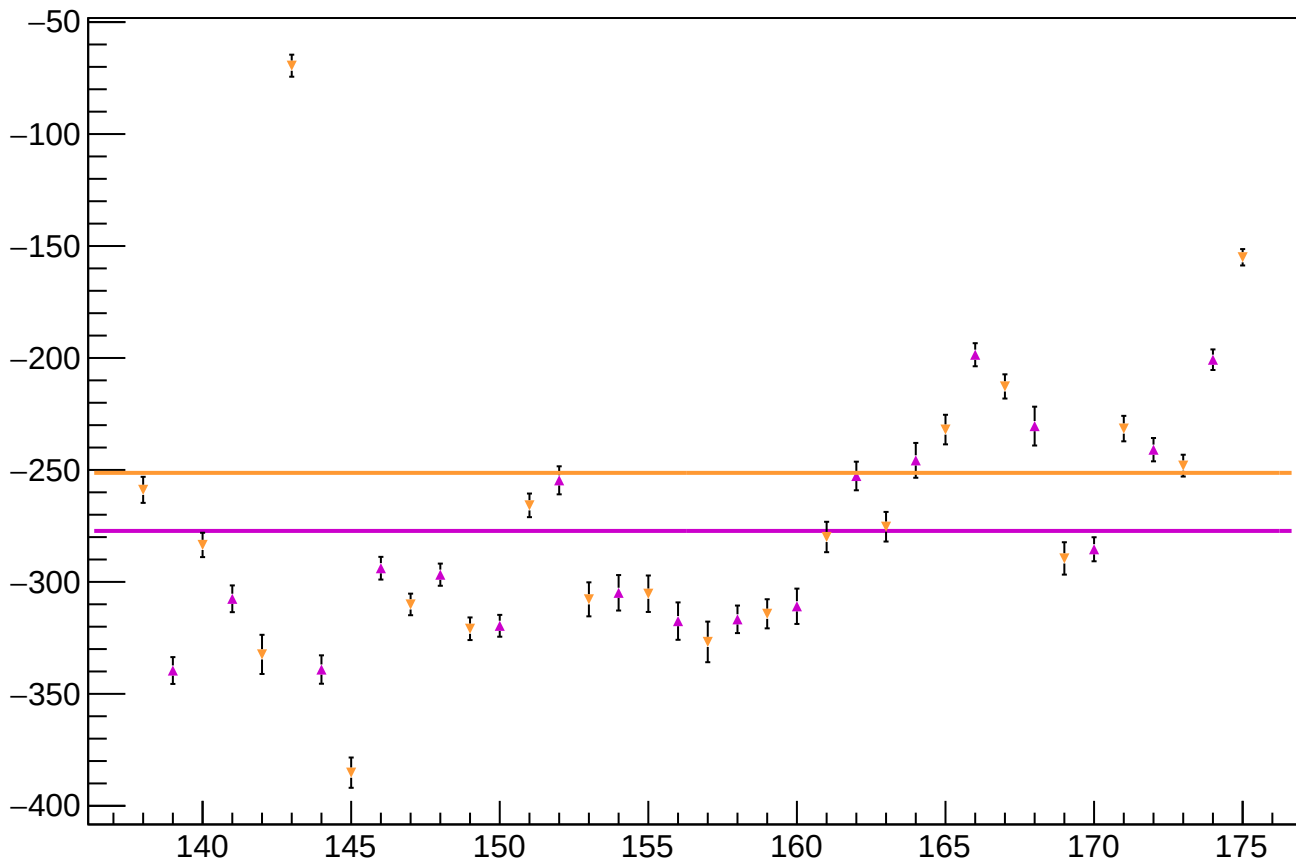
Left In: 120.327 ± 0.044 $\chi^2/\text{NDF}: 2558.8/17$

+ sign 122.598 ± 0.039 $\chi^2/\text{NDF}: 215315.8/36$

All: 116.557 ± 0.027 $\chi^2/\text{NDF}: 1217565.4/73$

- sign 110.818 ± 0.038 $\chi^2/\text{NDF}: 955052.3/36$

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -251.306+/-1.297 χ^2/NDF : 3308.7/19

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

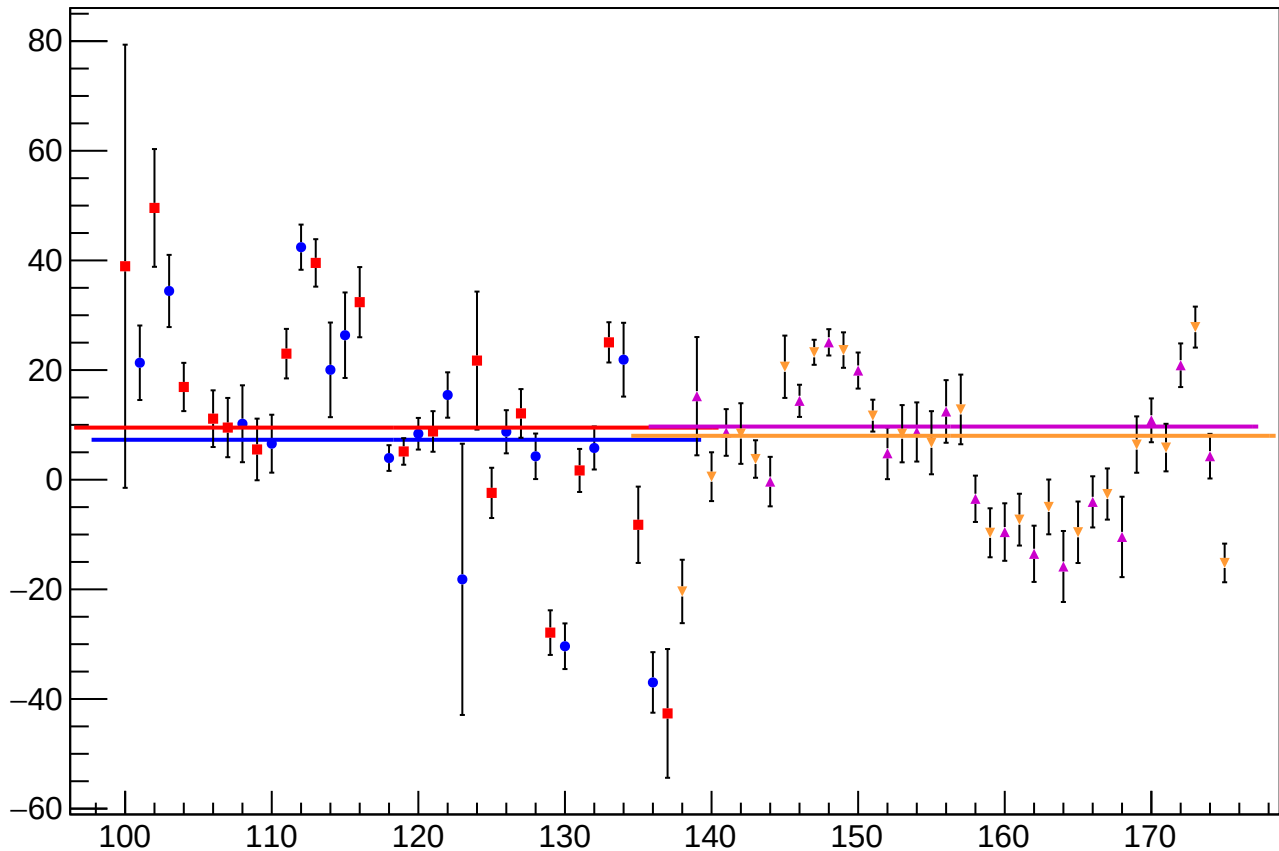
Left In: -277.234+/-1.398 χ^2/NDF : 1059.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.300+/-0.951 χ^2/NDF : 4553.3/37

- 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: 8.010 ± 0.920 χ^2/NDF : 223.2/19

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

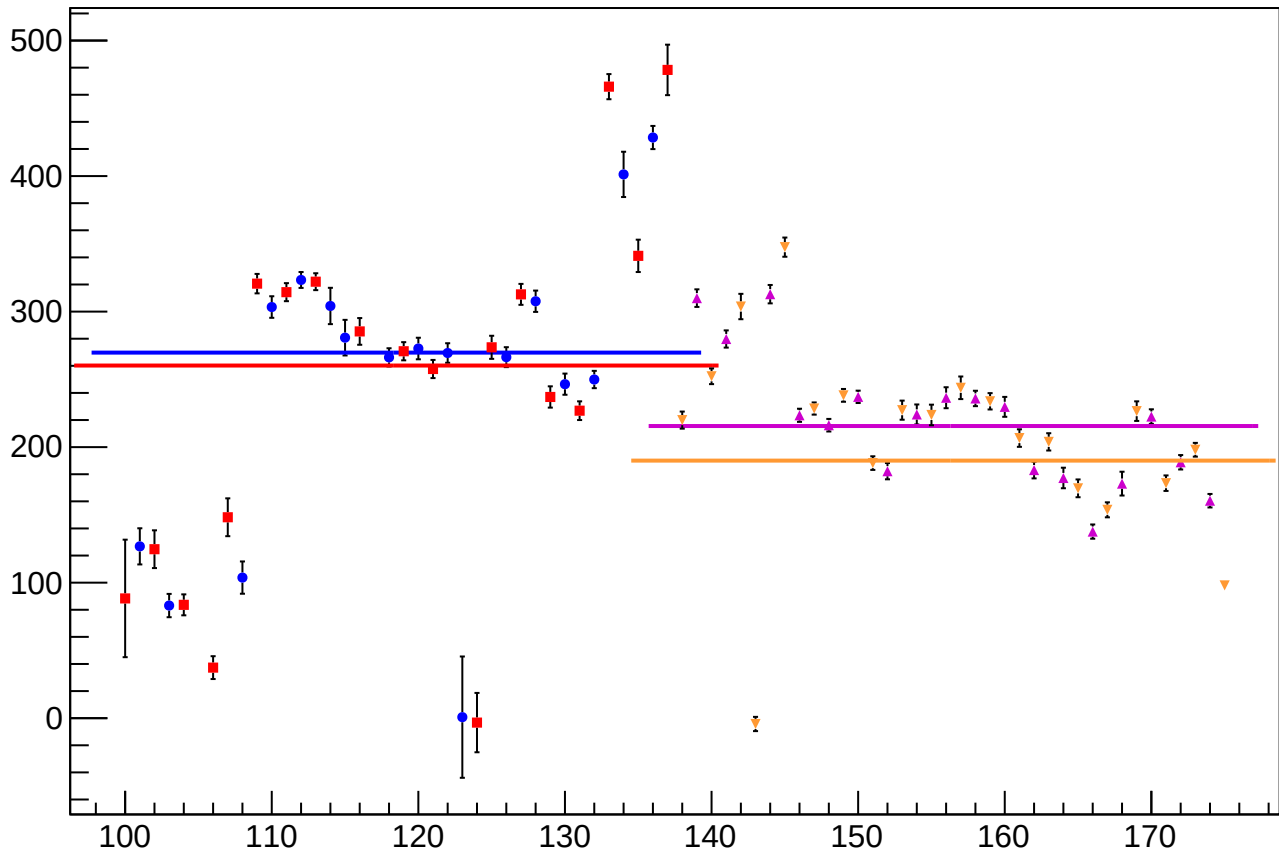
Left In: 9.694 ± 0.995 χ^2/NDF : 144.9/17

+ sign 7.706 ± 0.701 χ^2/NDF : 484.4/36

All: 8.618 ± 0.506 χ^2/NDF : 864.4/73

- sign 9.606 ± 0.730 χ^2/NDF : 376.5/36

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 190.059 $\pm$ 1.288 χ^2 /NDF: 3200.5/19

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

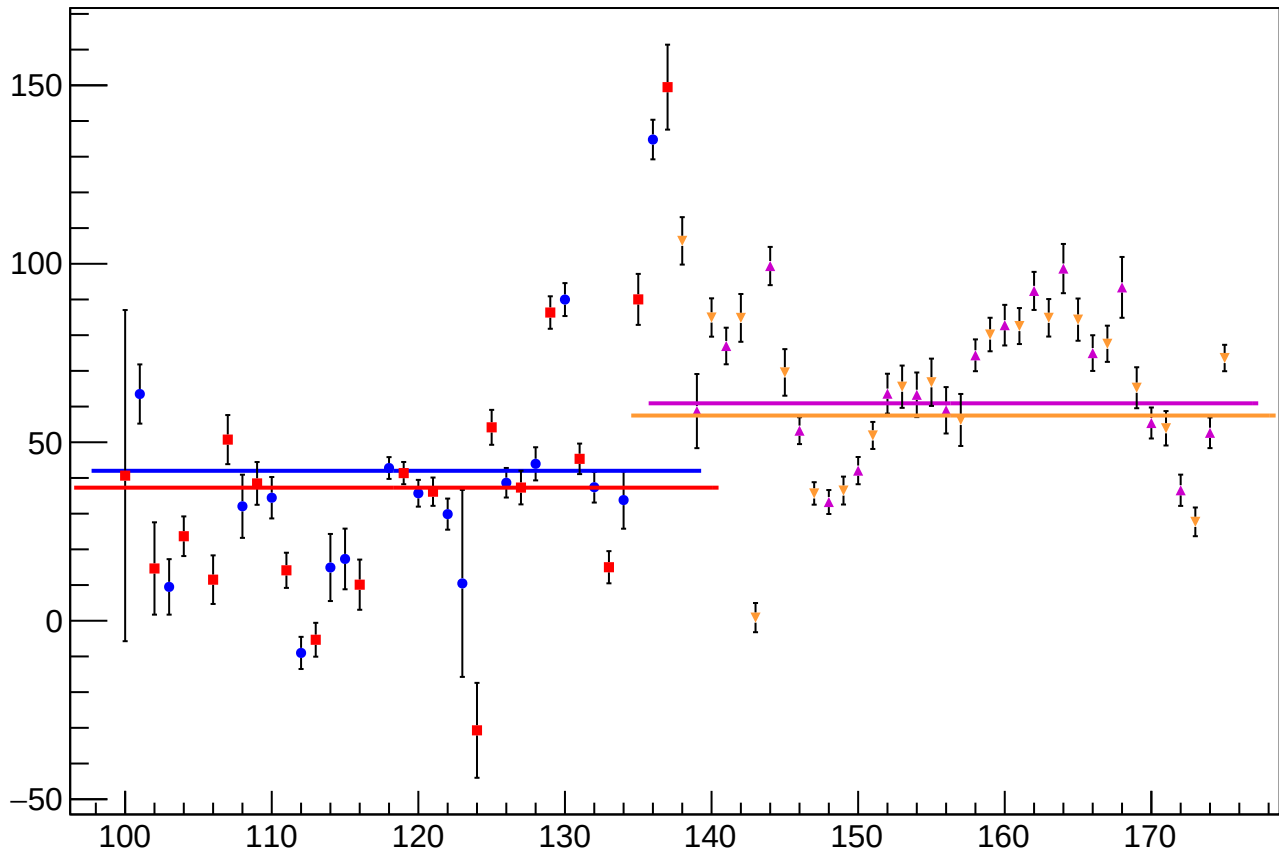
Left In: 215.574 $\pm$ 1.383 χ^2 /NDF: 1046.4/17

+ sign 212.267 $\pm$ 1.093 χ^2 /NDF: 5642.2/36

All: 220.926 $\pm$ 0.787 χ^2 /NDF: 9702.2/73

- sign 230.224 $\pm$ 1.133 χ^2 /NDF: 3930.0/36

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 ± 1.255 $\chi^2/\text{NDF}: 575.6/16$

Left Out: 57.490 ± 1.075 $\chi^2/\text{NDF}: 562.7/19$

Right Out: 37.284 ± 1.237 $\chi^2/\text{NDF}: 472.6/18$

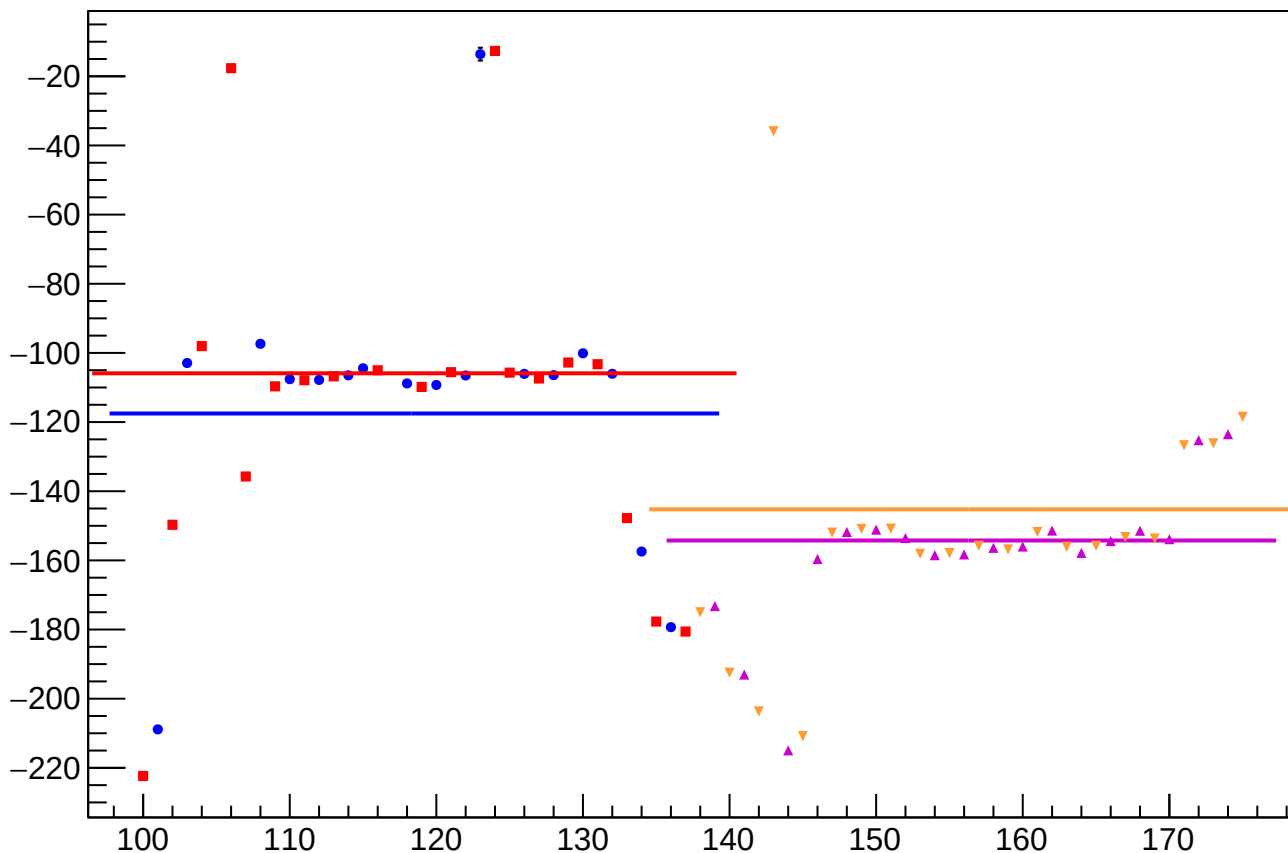
Left In: 60.910 ± 1.161 $\chi^2/\text{NDF}: 305.7/17$

+ sign 50.941 ± 0.816 $\chi^2/\text{NDF}: 1226.1/36$

All: 50.415 ± 0.588 $\chi^2/\text{NDF}: 2199.2/73$

- sign 49.850 ± 0.846 $\chi^2/\text{NDF}: 972.3/36$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -145.231+/-0.052 χ^2/NDF : 457757.6/19

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

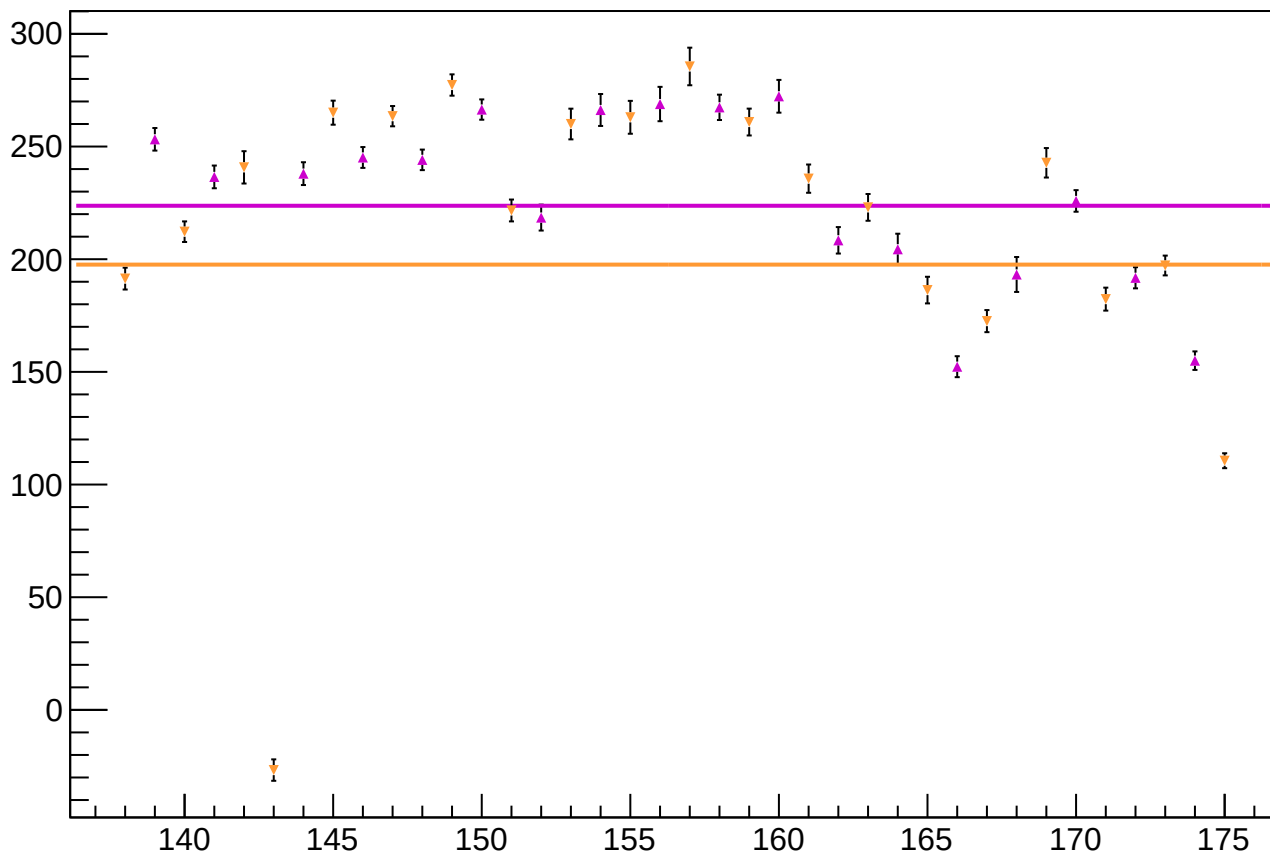
Left In: -154.249+/-0.054 χ^2/NDF : 125404.4/17

+ sign -136.716+/-0.043 χ^2/NDF : 687234.5/36

All: -136.867+/-0.031 χ^2/NDF : 1420981.3/73

- sign -137.019+/-0.043 χ^2/NDF : 733722.3/36

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 197.605+/-1.164 χ^2/NDF :4177.4/19

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

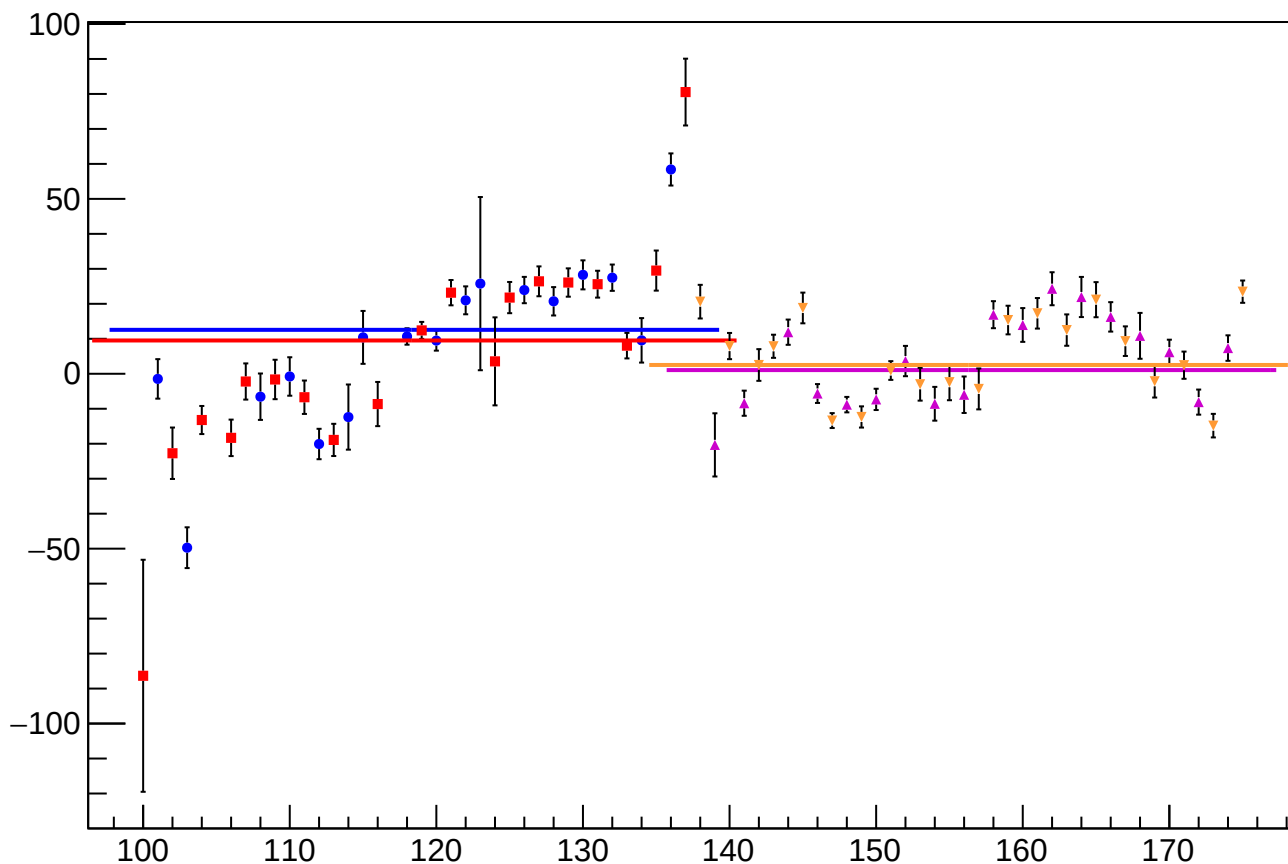
Left In: 223.720+/-1.249 χ^2/NDF :949.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.751+/-0.852 χ^2/NDF : 5360.6/37

- 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: 2.517 $\pm$ 0.832 χ^2 /NDF: 229.7/19

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

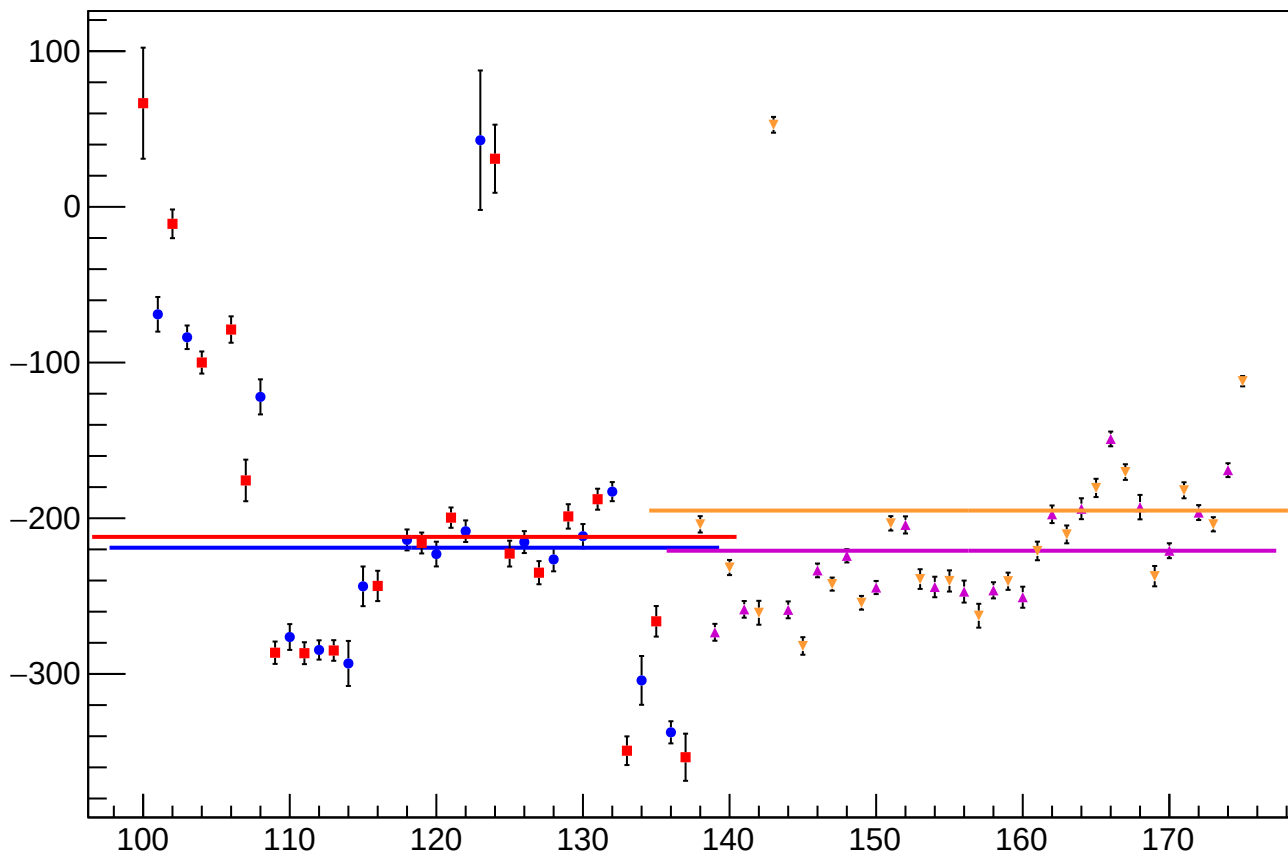
Left In: 1.051 $\pm$ 0.896 χ^2 /NDF: 149.8/17

+ sign 6.367 $\pm$ 0.654 χ^2 /NDF: 633.3/36

All: 5.528 $\pm$ 0.472 χ^2 /NDF: 1120.5/73

- sign 4.616 $\pm$ 0.682 χ^2 /NDF: 483.7/36

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -195.059 ± 1.159 $\chi^2/\text{NDF}: 4039.9/19$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

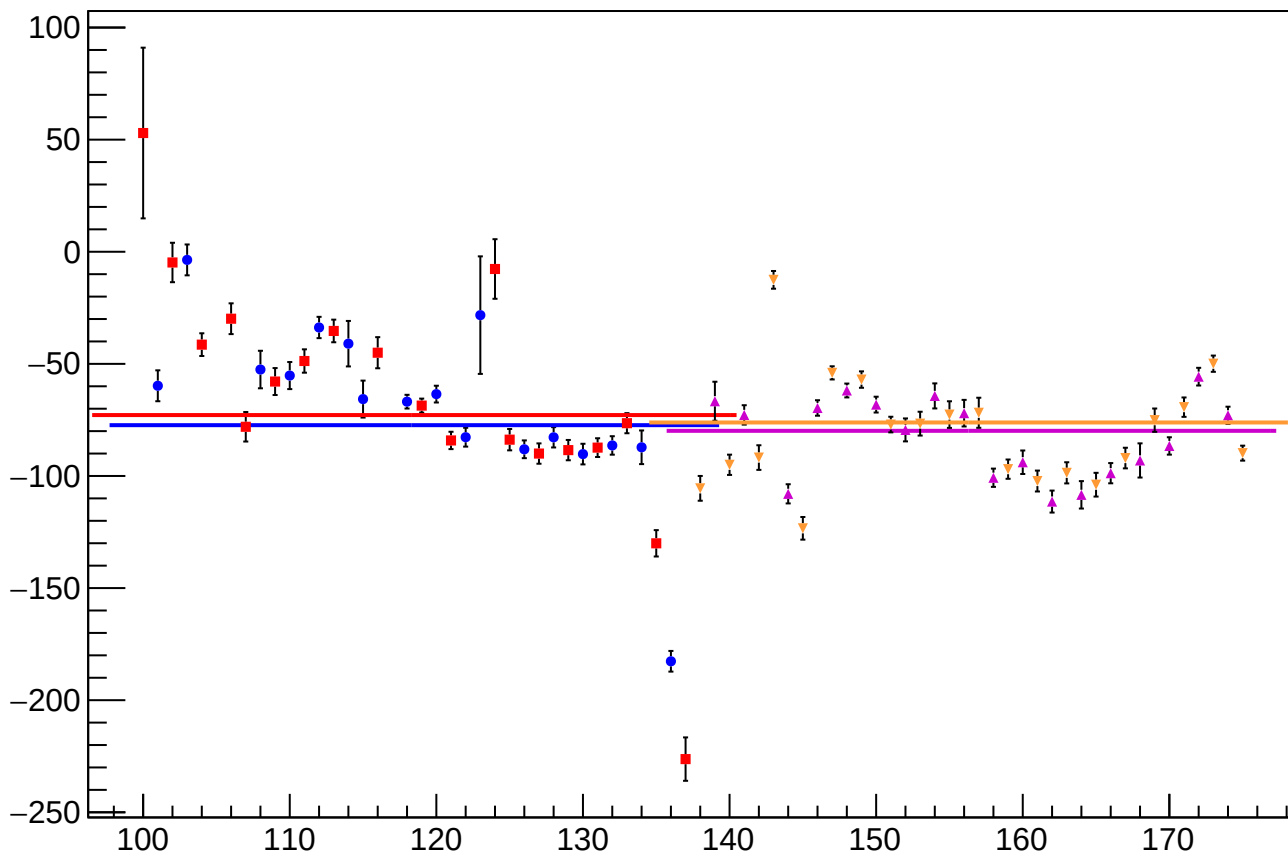
Left In: -220.860 ± 1.239 $\chi^2/\text{NDF}: 747.5/17$

+ sign -201.032 ± 1.004 $\chi^2/\text{NDF}: 5292.6/36$

All: -209.323 ± 0.723 $\chi^2/\text{NDF}: 8083.2/73$

- sign -218.255 ± 1.042 $\chi^2/\text{NDF}: 2648.8/36$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -76.141 ± 0.971 χ^2/NDF : 673.6/19

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

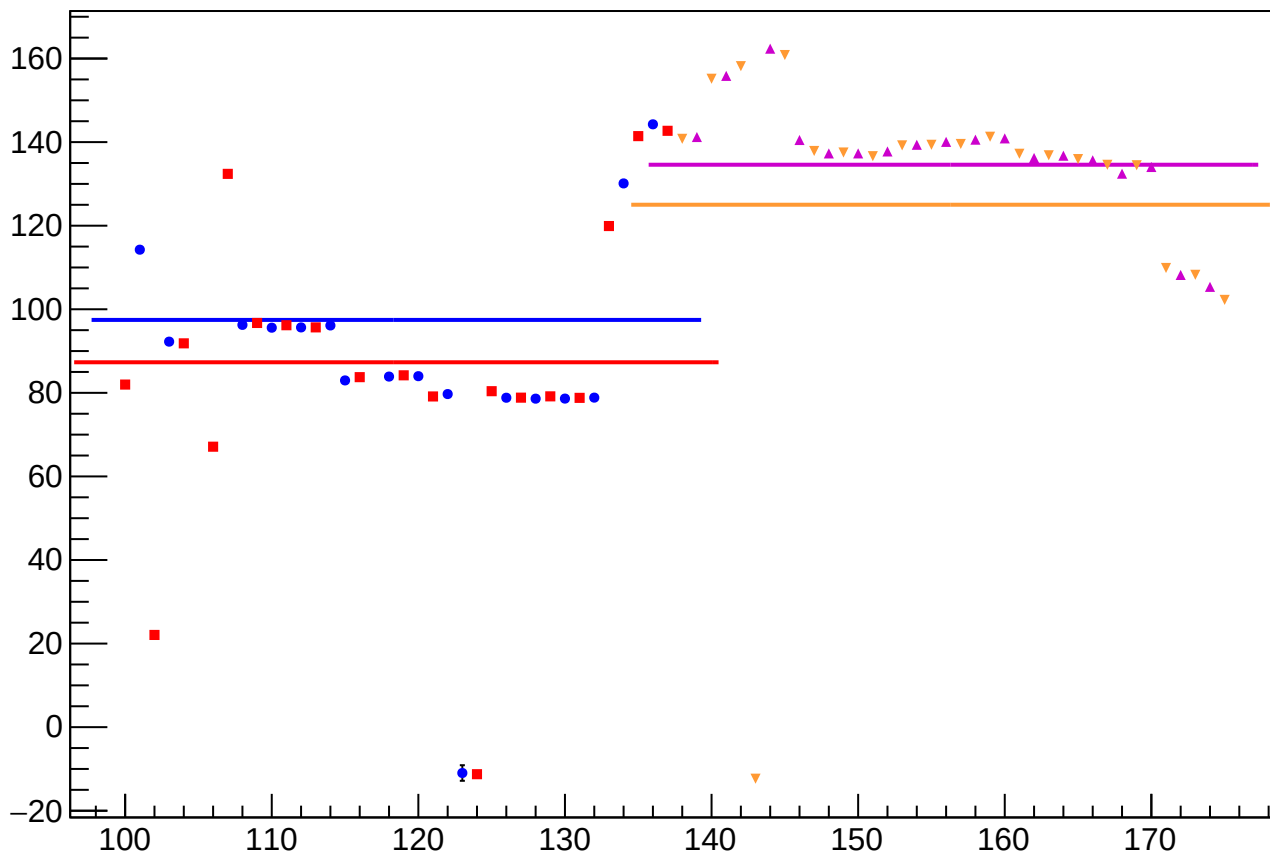
Left In: -79.865 ± 1.043 χ^2/NDF : 272.4/17

+ sign -76.607 ± 0.760 χ^2/NDF : 1491.4/36

All: -76.730 ± 0.547 χ^2/NDF : 2456.1/73

- sign -76.864 ± 0.790 χ^2/NDF : 964.6/36

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 125.017 $\pm$ 0.047 χ^2 /NDF: 598781.1/19

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

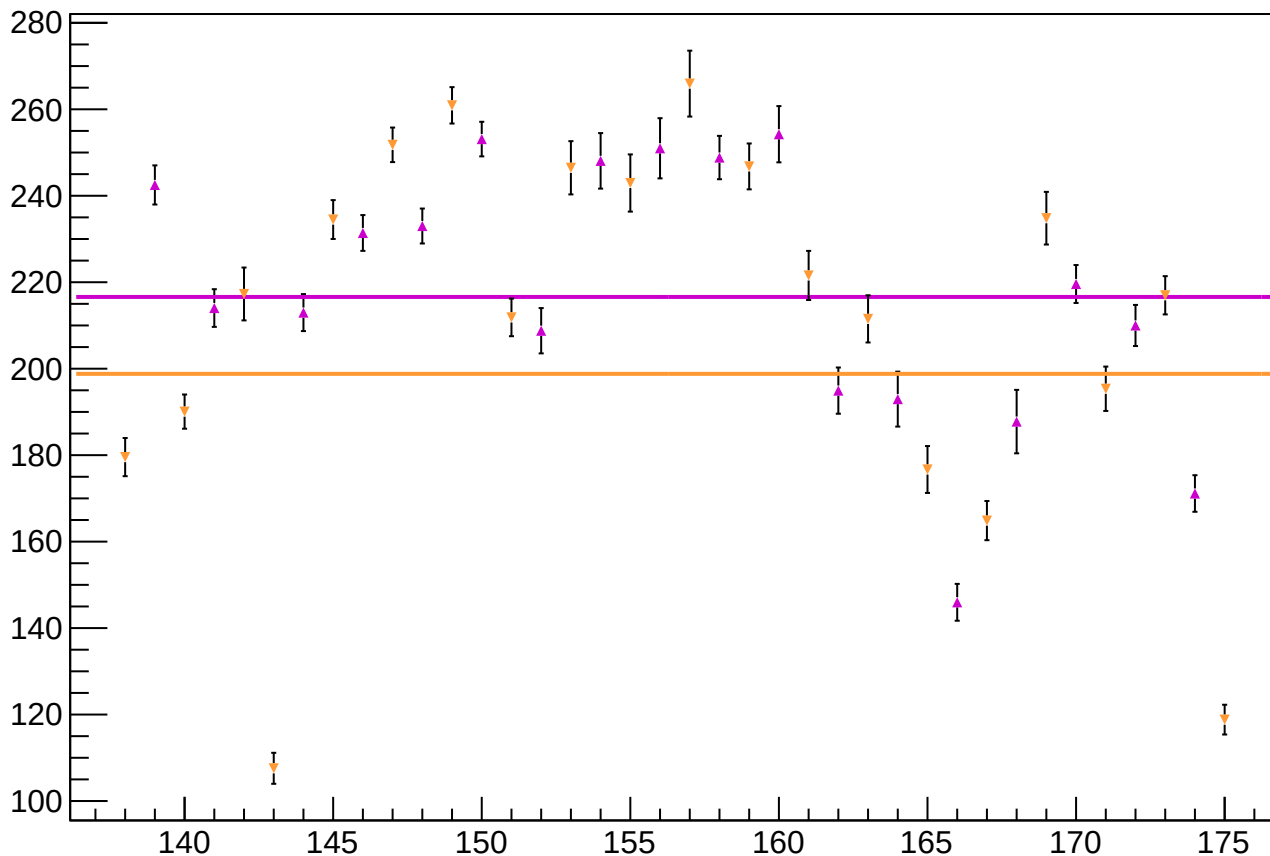
Left In: 134.587 $\pm$ 0.049 χ^2 /NDF: 85127.4/17

+ sign 117.050 $\pm$ 0.039 χ^2 /NDF: 793900.1/36

All: 117.881 $\pm$ 0.028 χ^2 /NDF: 1420546.7/73

- sign 118.719 $\pm$ 0.040 χ^2 /NDF: 625752.5/36

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: 198.807+/-1.060 χ^2/NDF : 2096.1/19

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

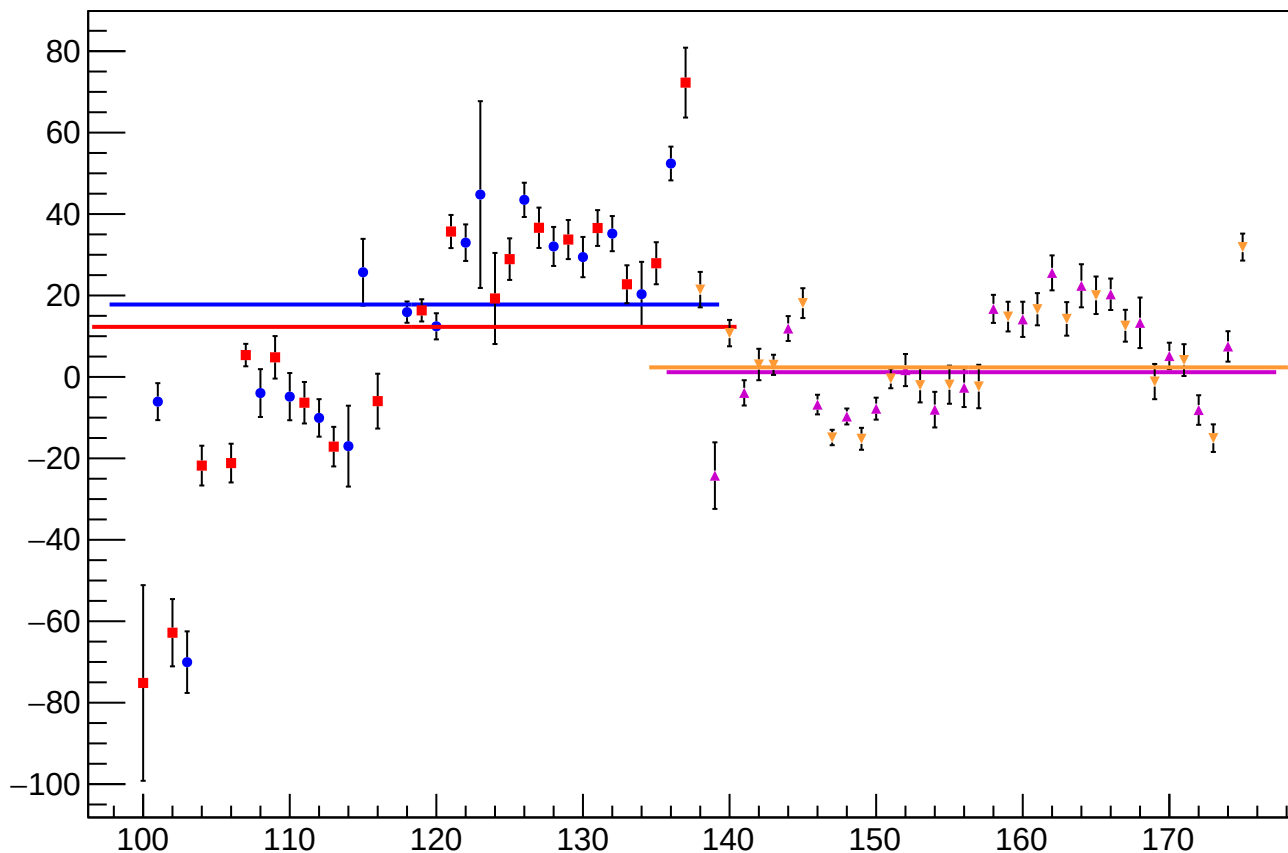
Left In: 216.597+/-1.141 χ^2/NDF : 710.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.046+/-0.776 χ^2/NDF : 2936.7/37

- 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: 2.350 ± 0.748 χ^2/NDF : 335.0/19

Right Out: 12.294 ± 1.086 χ^2/NDF : 443.7/18

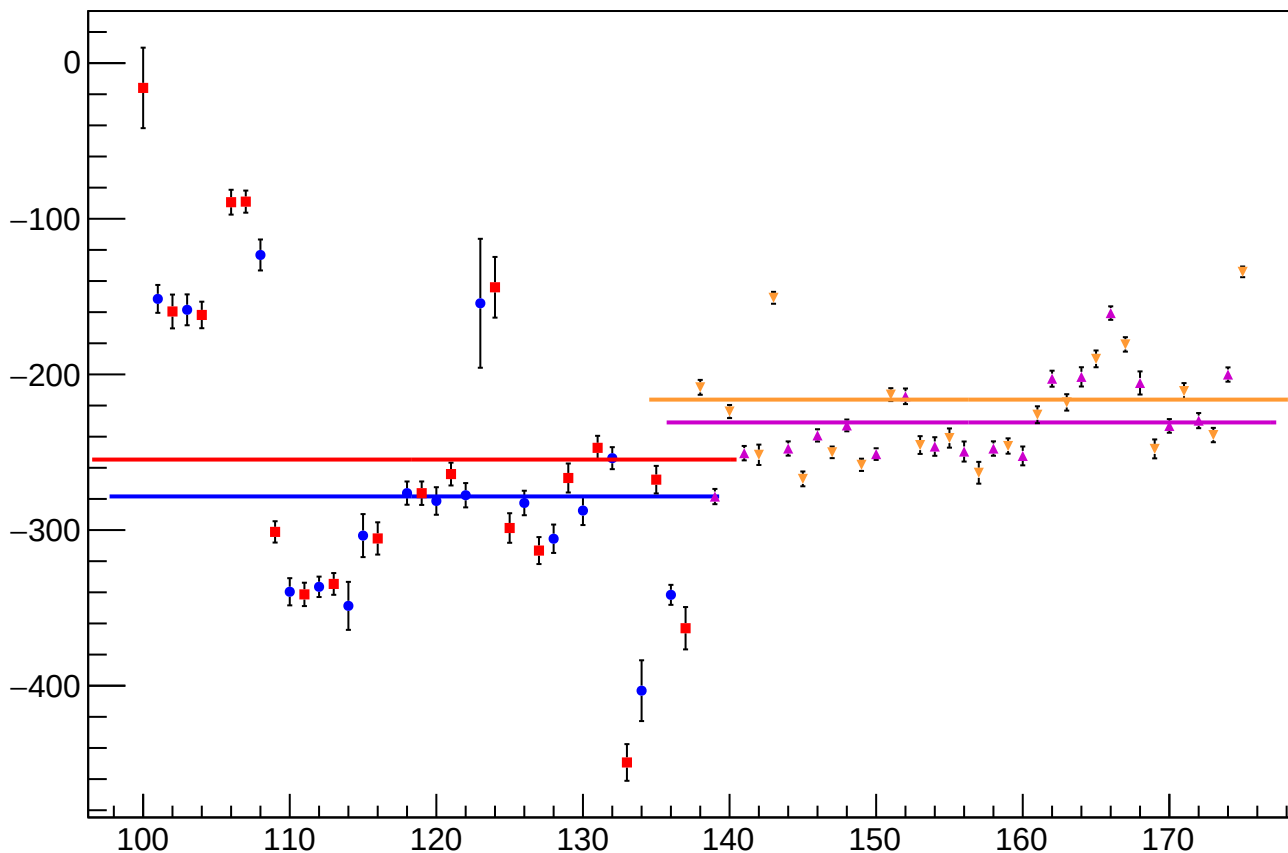
Left In: 1.164 ± 0.811 χ^2/NDF : 199.5/17

+ sign 6.959 ± 0.626 χ^2/NDF : 857.3/36

All: 6.089 ± 0.451 χ^2/NDF : 1572.0/73

- sign 5.151 ± 0.650 χ^2/NDF : 710.7/36

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: -216.185 ± 1.056 $\chi^2/\text{NDF}: 1470.4/19$

Right Out: -254.703 ± 2.020 $\chi^2/\text{NDF}: 2038.5/18$

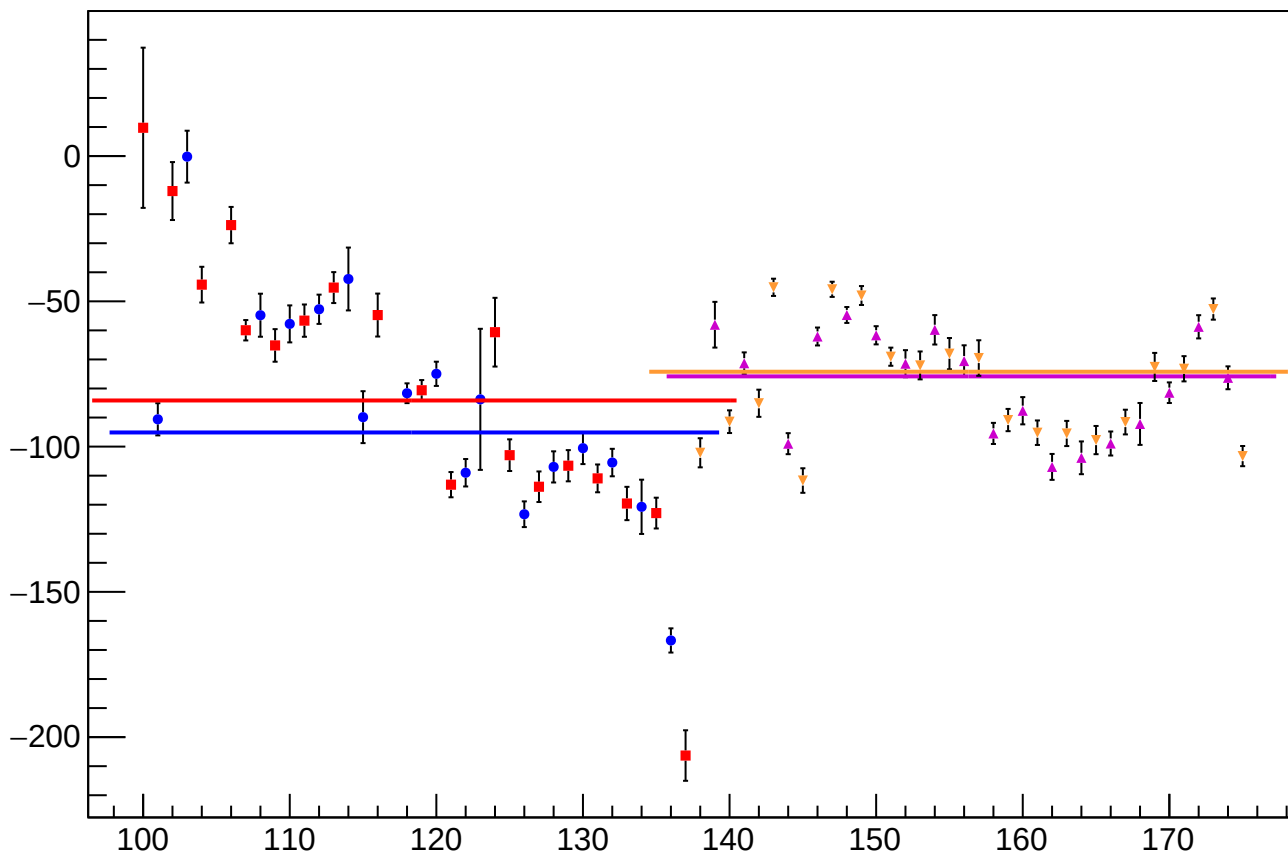
Left In: -230.853 ± 1.130 $\chi^2/\text{NDF}: 583.3/17$

+ sign -228.122 ± 0.950 $\chi^2/\text{NDF}: 3046.5/36$

All: -232.170 ± 0.684 $\chi^2/\text{NDF}: 5812.3/73$

- sign -236.535 ± 0.986 $\chi^2/\text{NDF}: 2728.0/36$

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: -74.230 ± 0.878 χ^2/NDF : 630.6/19

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

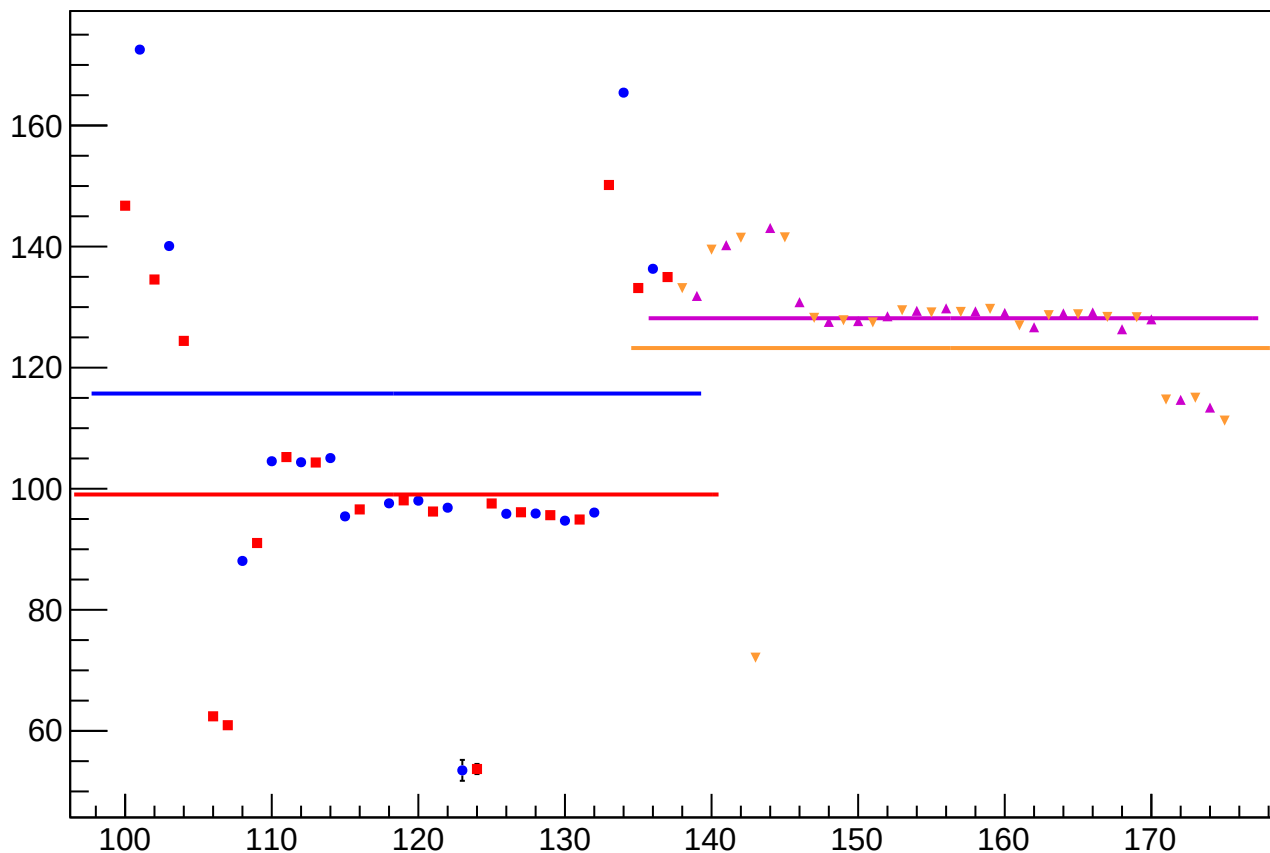
Left In: -75.829 ± 0.949 χ^2/NDF : 325.3/17

+ sign -80.624 ± 0.731 χ^2/NDF : 1479.0/36

All: -79.761 ± 0.526 χ^2/NDF : 2617.7/73

- sign -78.835 ± 0.758 χ^2/NDF : 1135.8/36

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 123.238 $\pm$ 0.043 χ^2 /NDF:154305.8/19

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

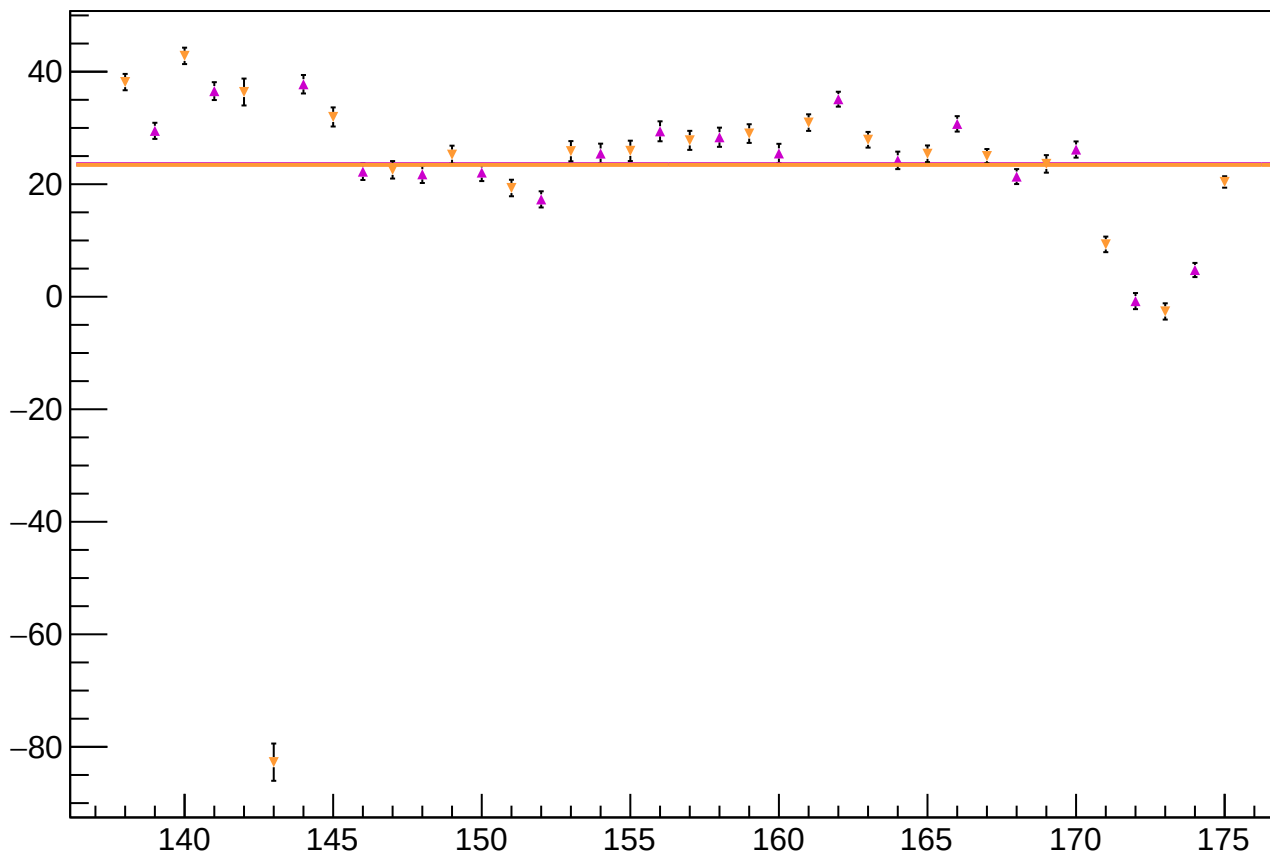
Left In: 128.162 $\pm$ 0.044 χ^2 /NDF:24560.2/17

+ sign 121.514 $\pm$ 0.037 χ^2 /NDF: 267849.2/36

All: 120.526 $\pm$ 0.026 χ^2 /NDF: 594396.3/73

- sign 119.541 $\pm$ 0.037 χ^2 /NDF: 325149.4/36

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 23.442 $\pm$ 0.341 χ^2 /NDF:1870.3/19

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

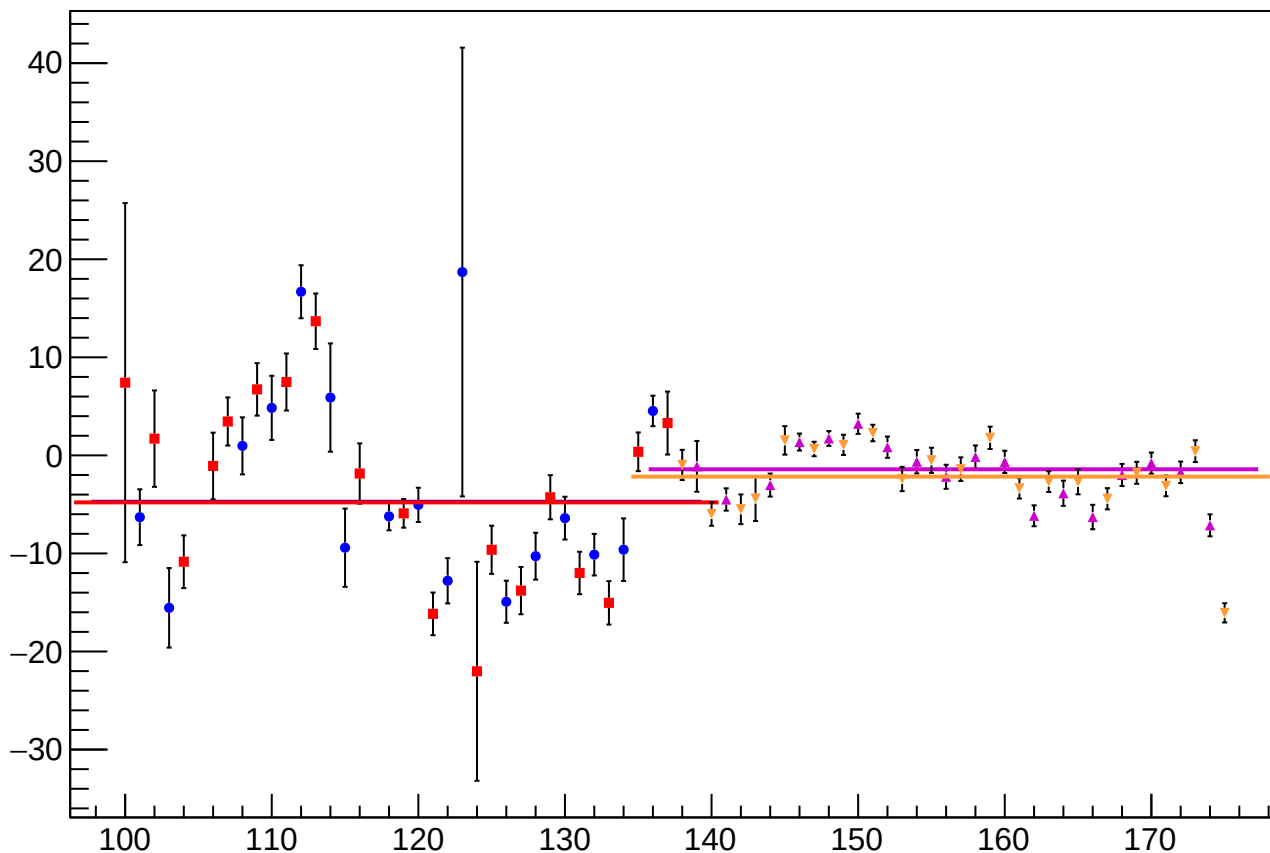
Left In: 23.558 $\pm$ 0.352 χ^2 /NDF:824.4/17

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

All: 23.498 $\pm$ 0.245 χ^2 /NDF: 2694.8/37

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

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -2.166 ± 0.250 χ^2/NDF : 302.3/19

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

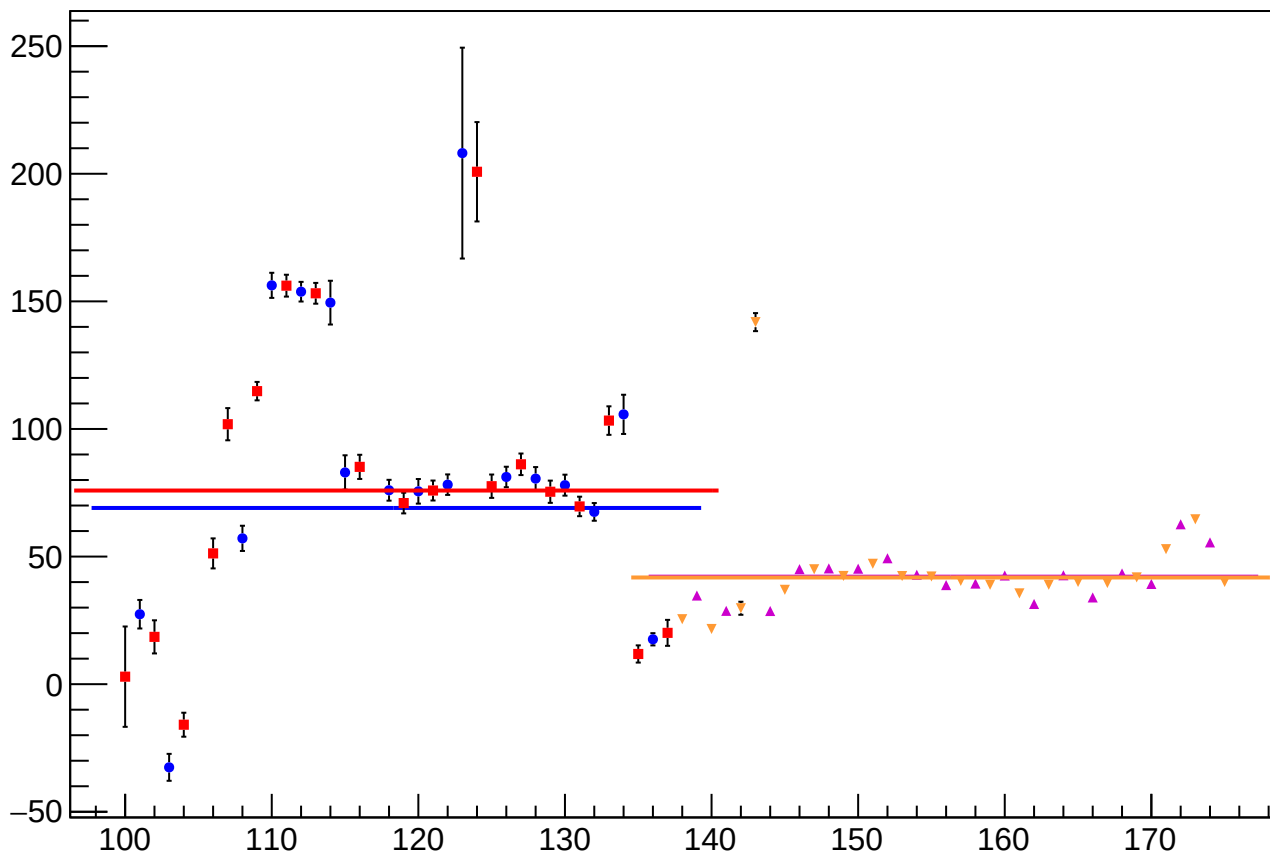
Left In: -1.418 ± 0.260 χ^2/NDF : 129.2/17

+ sign -2.570 ± 0.230 χ^2/NDF : 493.6/36

All: -2.282 ± 0.165 χ^2/NDF : 847.3/73

- sign -1.974 ± 0.238 χ^2/NDF : 350.4/36

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 ± 1.077 χ^2/NDF : 1847.9/16

Left Out: 41.805 ± 0.337 χ^2/NDF : 1455.6/19

Right Out: 75.878 ± 1.069 χ^2/NDF : 1895.0/18

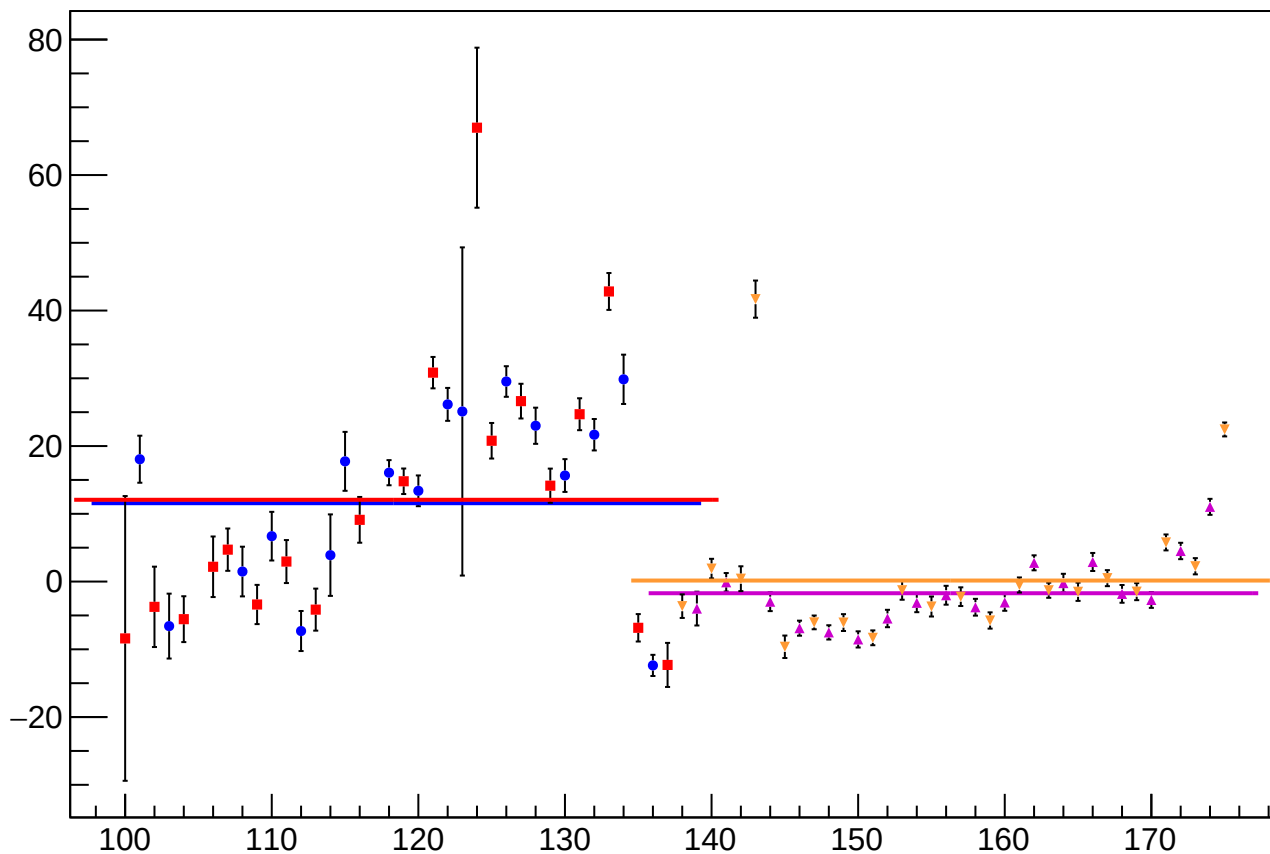
Left In: 42.127 ± 0.349 χ^2/NDF : 596.4/17

+ sign 44.236 ± 0.322 χ^2/NDF : 3886.6/36

All: 44.786 ± 0.231 χ^2/NDF : 7284.2/73

- sign 45.369 ± 0.331 χ^2/NDF : 3391.7/36

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: 0.152 $\pm$ 0.287 χ^2 /NDF: 929.4/19

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

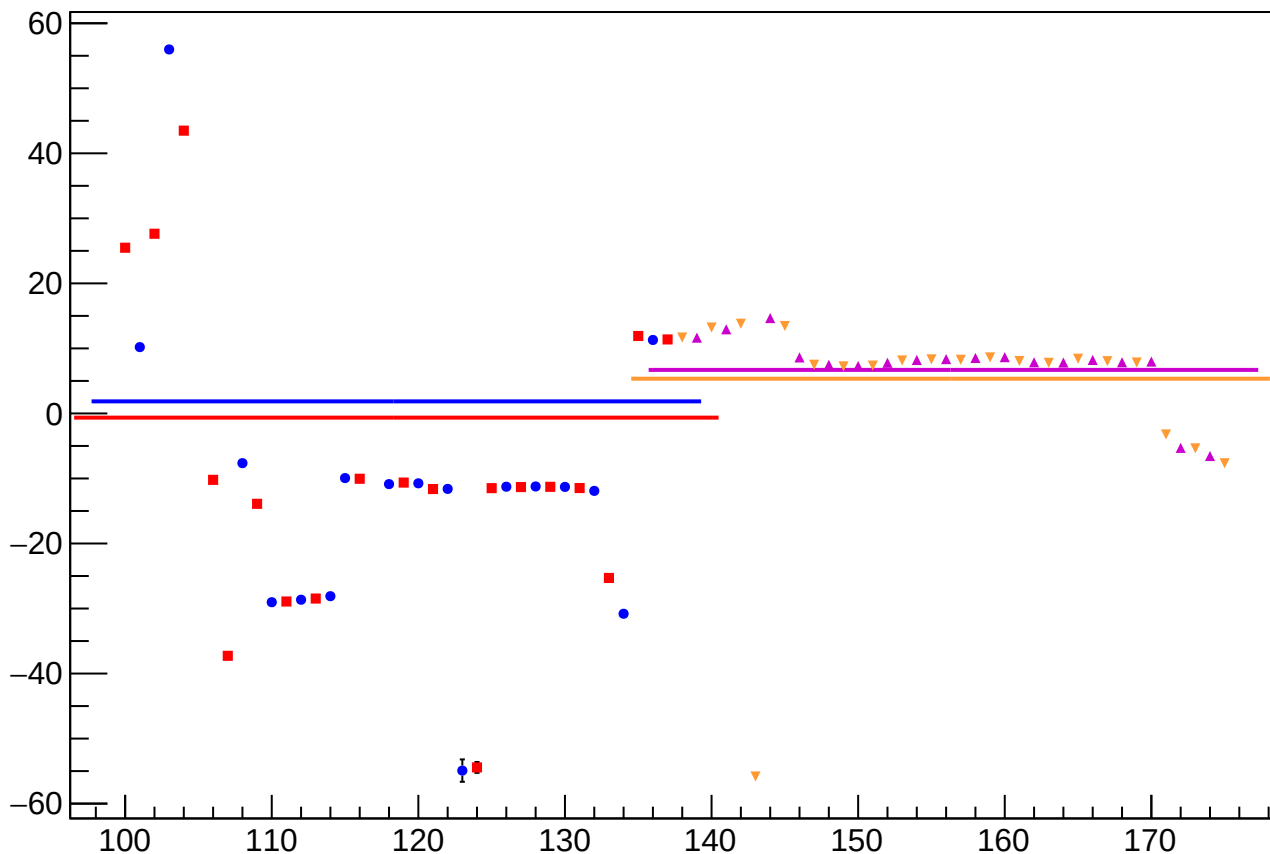
Left In: -1.722 $\pm$ 0.299 χ^2 /NDF: 274.4/17

+ sign 1.976 $\pm$ 0.263 χ^2 /NDF: 1660.2/36

All: 1.310 $\pm$ 0.189 χ^2 /NDF: 2849.6/73

- sign 0.597 $\pm$ 0.272 χ^2 /NDF: 1176.1/36

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: 5.342 $\pm$ 0.013 χ^2 /NDF: 396059.0/19

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361625.7/18

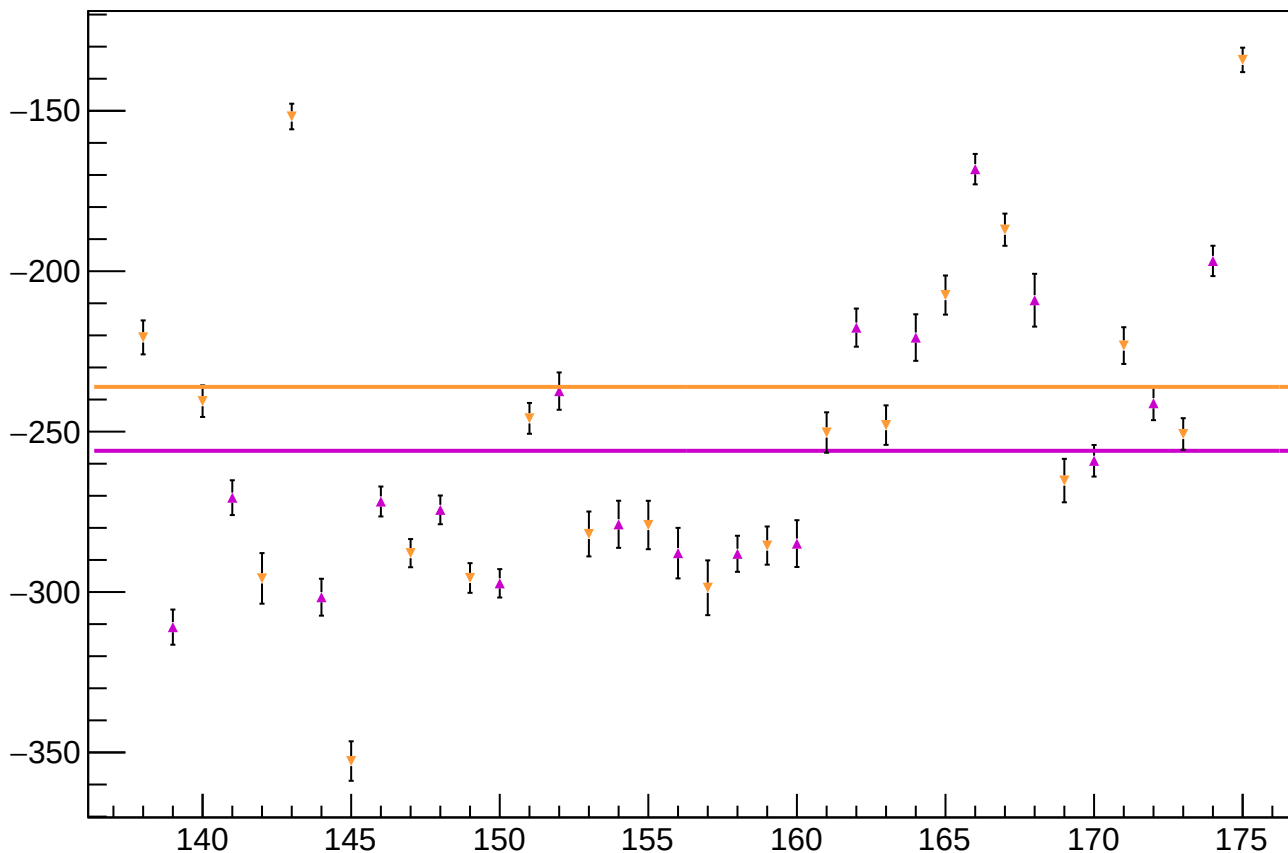
Left In: 6.697 $\pm$ 0.013 χ^2 /NDF: 159132.1/17

+ sign 4.943 $\pm$ 0.013 χ^2 /NDF: 763337.9/36

All: 5.385 $\pm$ 0.009 χ^2 /NDF: 1321272.5/73

- sign 5.837 $\pm$ 0.013 χ^2 /NDF: 555415.2/36

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: -236.058+/-1.209 χ^2/NDF : 2253.7/19

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

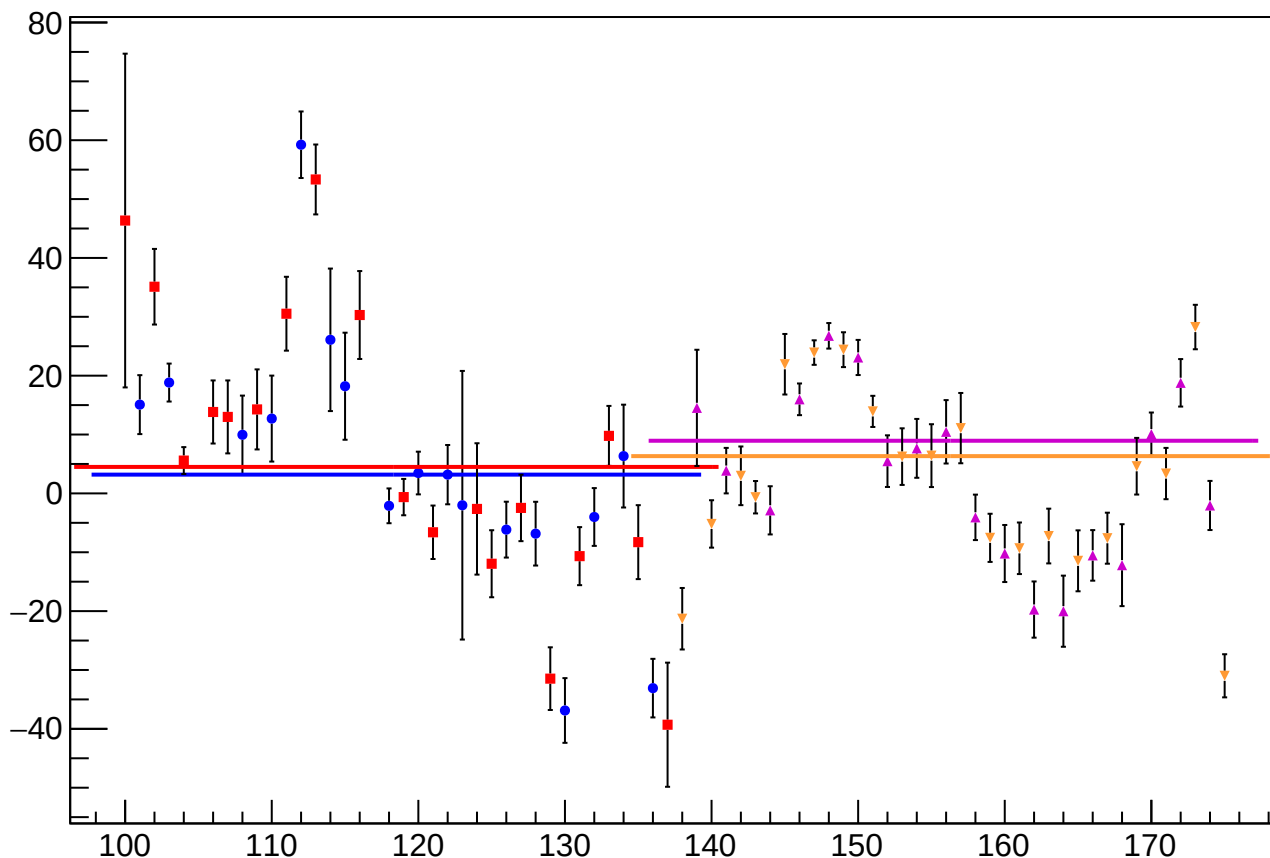
Left In: -255.979+/-1.305 χ^2/NDF : 976.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -245.255+/-0.887 χ^2/NDF : 3355.5/37

- 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: 6.331 ± 0.848 χ^2/NDF : 362.9/19

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

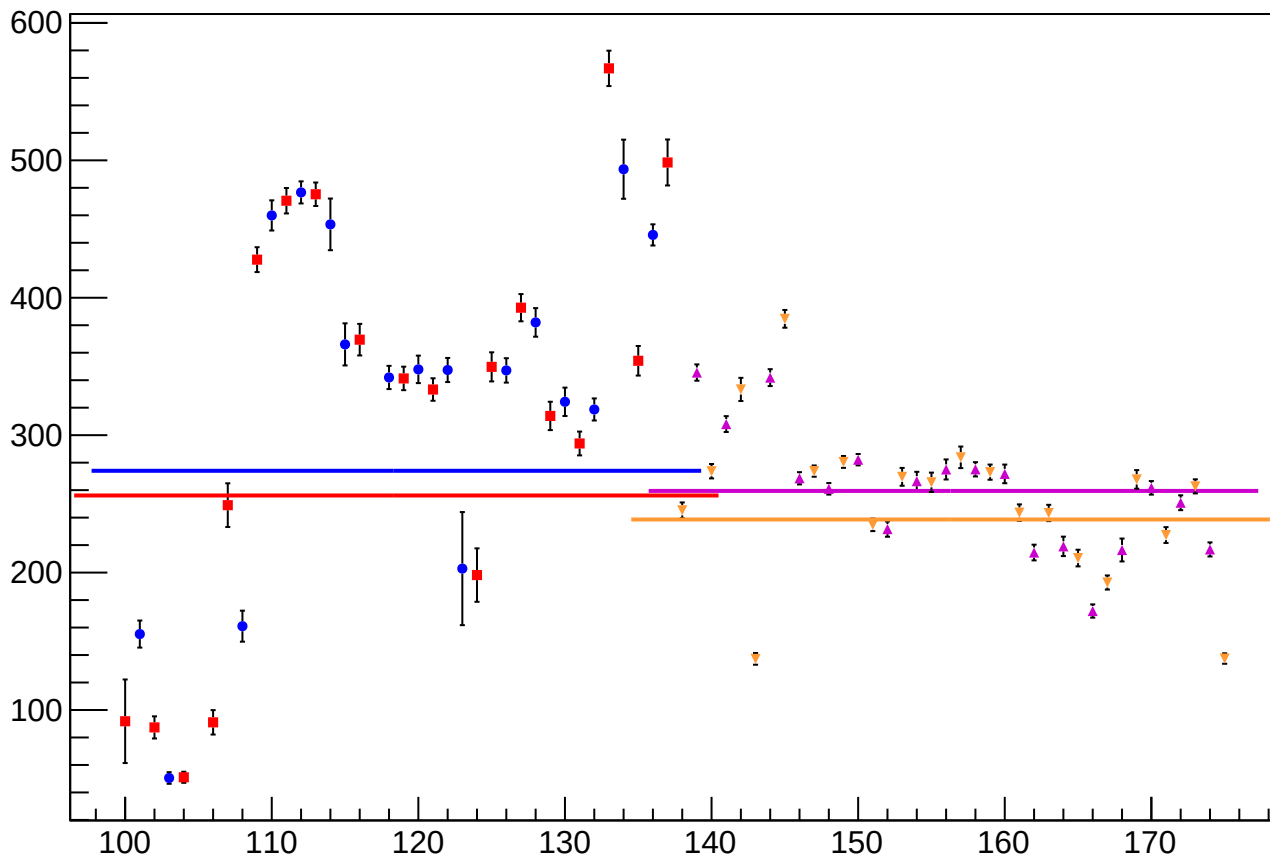
Left In: 8.944 ± 0.923 χ^2/NDF : 236.7/17

+ sign 5.313 ± 0.697 χ^2/NDF : 623.0/36

All: 6.234 ± 0.501 χ^2/NDF : 1097.8/73

- sign 7.221 ± 0.722 χ^2/NDF : 471.2/36

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 ± 2.191 χ^2/NDF : 5112.0/16

Left Out: 238.640 ± 1.201 χ^2/NDF : 2383.9/19

Right Out: 256.109 ± 2.080 χ^2/NDF : 6444.1/18

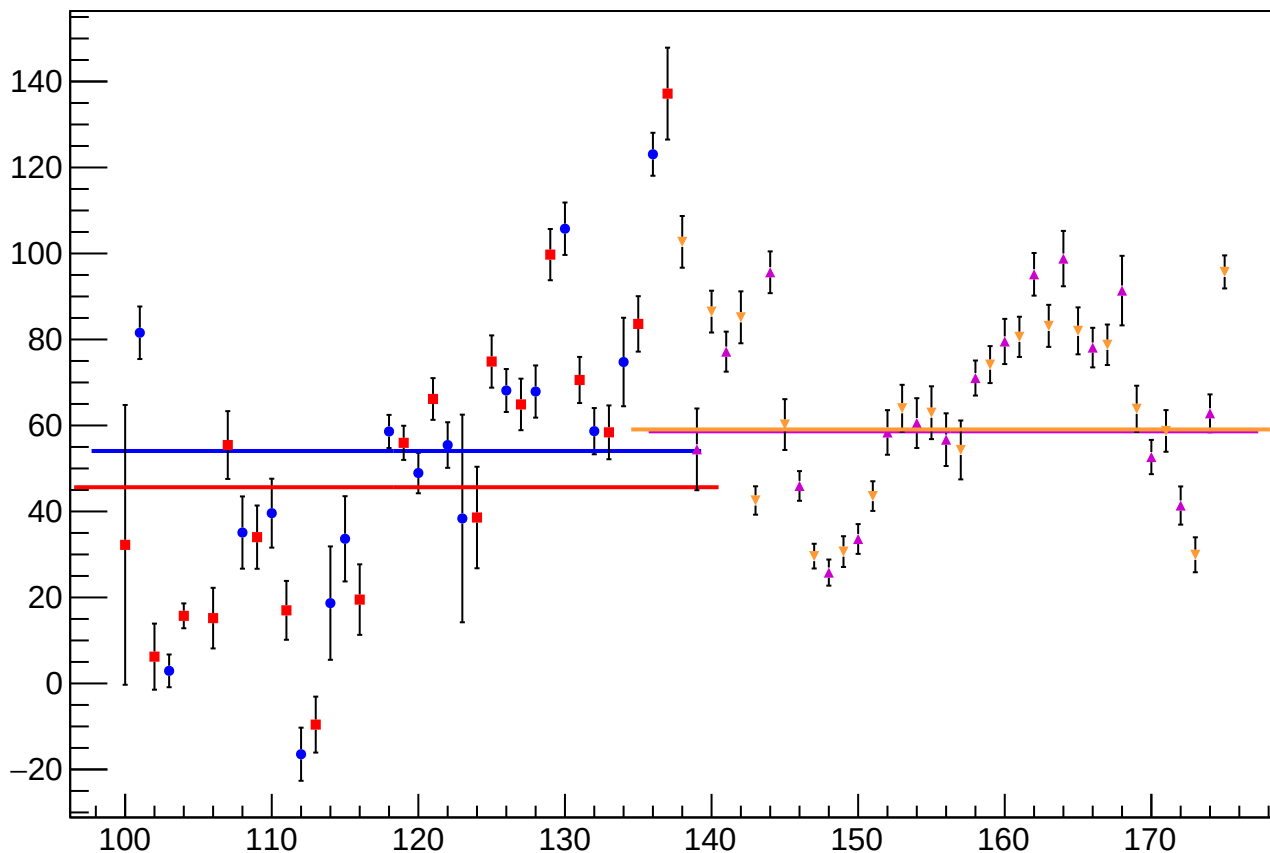
Left In: 259.434 ± 1.288 χ^2/NDF : 1058.4/17

+ sign 246.825 ± 1.053 χ^2/NDF : 7697.1/36

All: 252.439 ± 0.759 χ^2/NDF : 15260.6/73

- sign 258.513 ± 1.095 χ^2/NDF : 7504.3/36

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: 59.074 $\pm$ 0.996 χ^2 /NDF:554.3/19

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

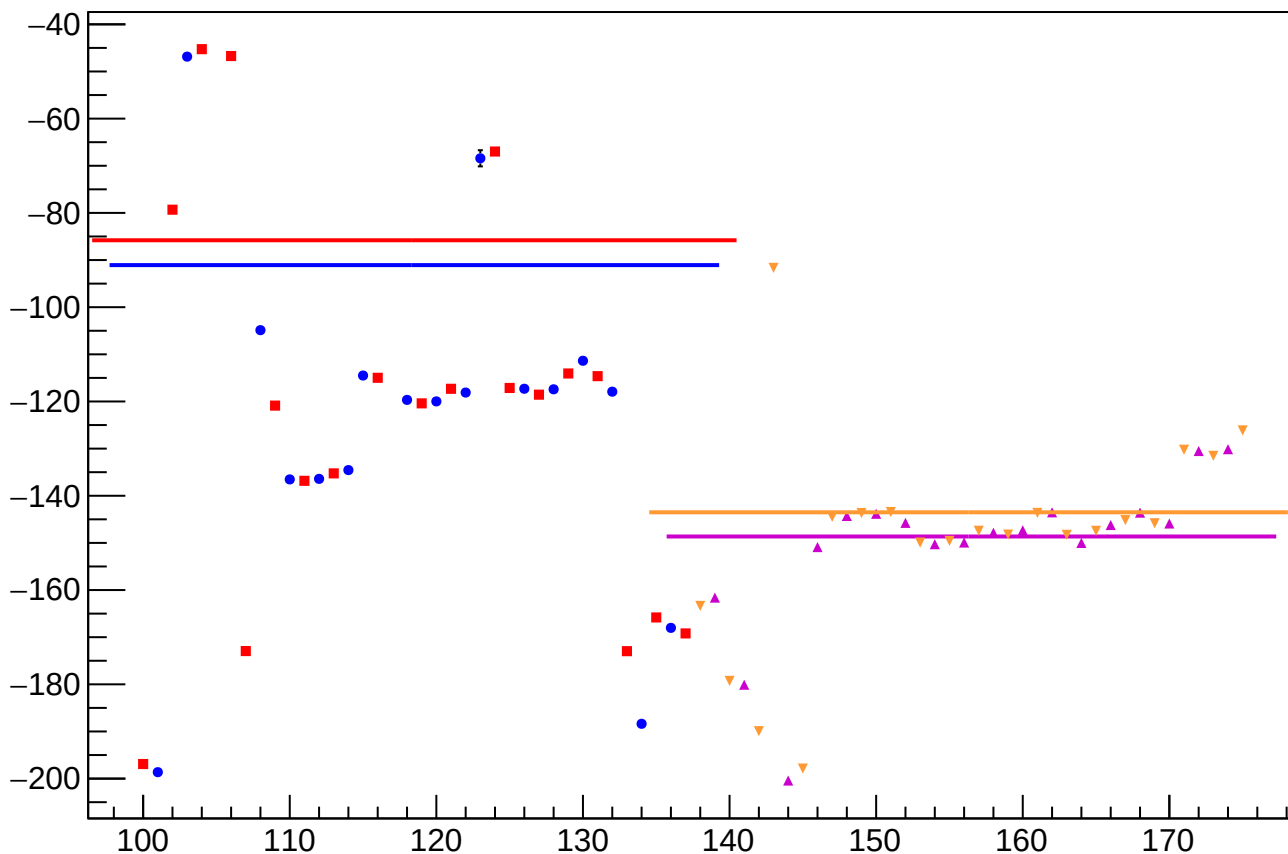
Left In: 58.632 $\pm$ 1.079 χ^2 /NDF:427.9/17

+ sign 57.423 $\pm$ 0.815 χ^2 /NDF: 1197.0/36

All: 55.583 $\pm$ 0.587 χ^2 /NDF: 2222.3/73

- sign 53.605 $\pm$ 0.845 χ^2 /NDF: 1014.7/36

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -143.509 $\pm$ 0.048 χ^2 /NDF: 208319.2/19

Right Out: -85.803 $\pm$ 0.065 χ^2 /NDF: 495895.1/18

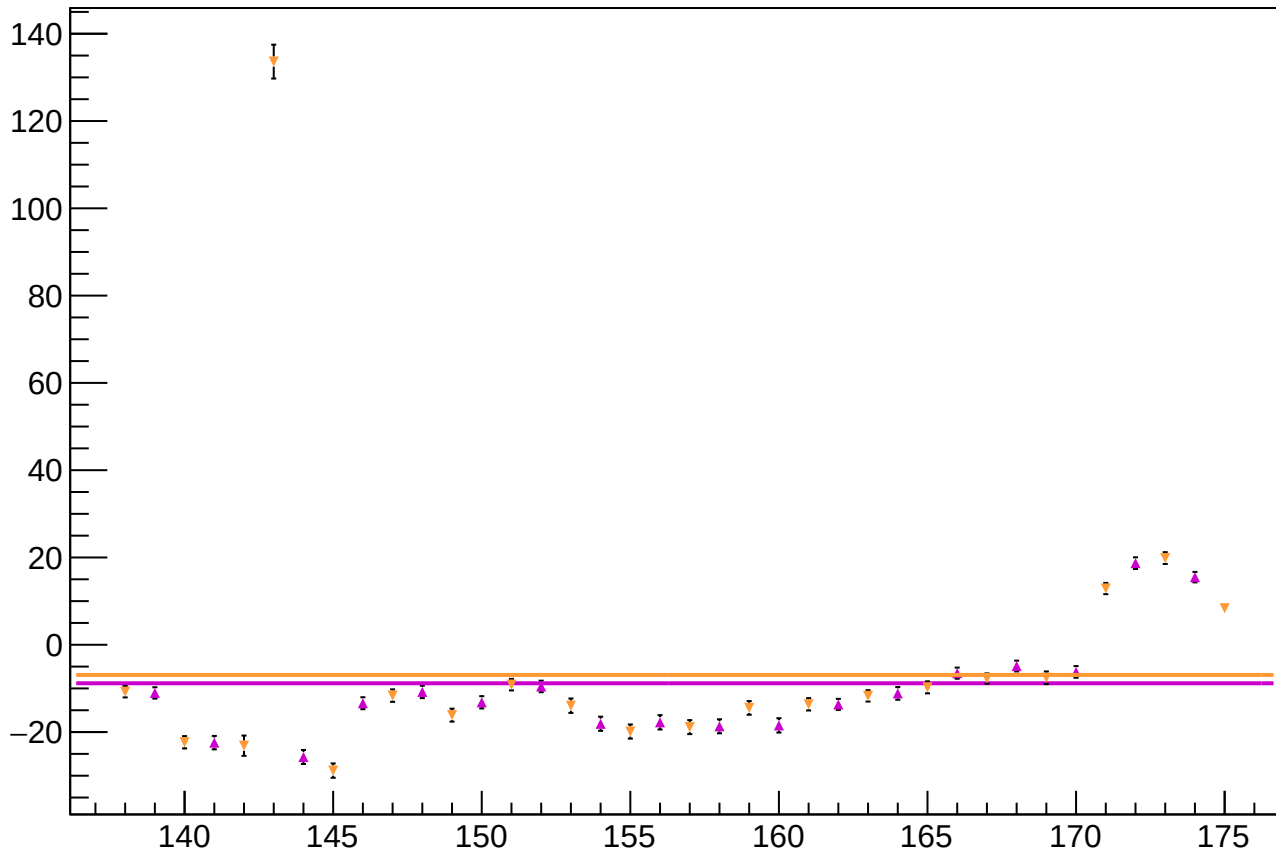
Left In: -148.638 $\pm$ 0.051 χ^2 /NDF: 80498.3/17

+ sign -125.707 $\pm$ 0.039 χ^2 /NDF: 1141191.2/36

All: -125.326 $\pm$ 0.028 χ^2 /NDF: 2298993.3/73

- sign -124.933 $\pm$ 0.040 χ^2 /NDF: 1157611.9/36

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: -6.910+/-0.319 χ^2/NDF : 2801.1/19

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

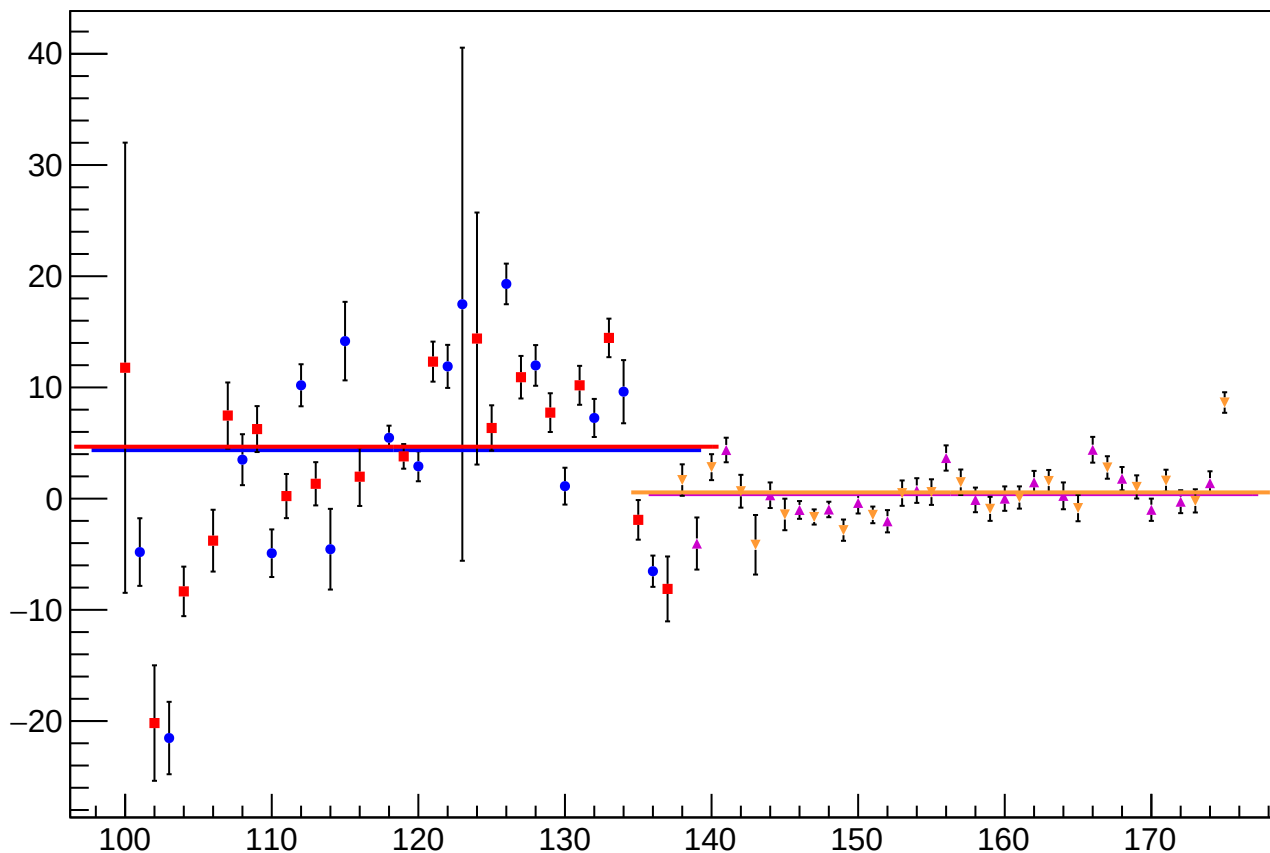
Left In: -8.822+/-0.330 χ^2/NDF : 1222.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.835+/-0.229 χ^2/NDF : 4040.9/37

- 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 $\pm$ 0.464 χ^2 /NDF: 286.5/16

Left Out: 0.561 $\pm$ 0.234 χ^2 /NDF:128.3/19

Right Out: 4.670 $\pm$ 0.474 χ^2 /NDF: 185.4/18

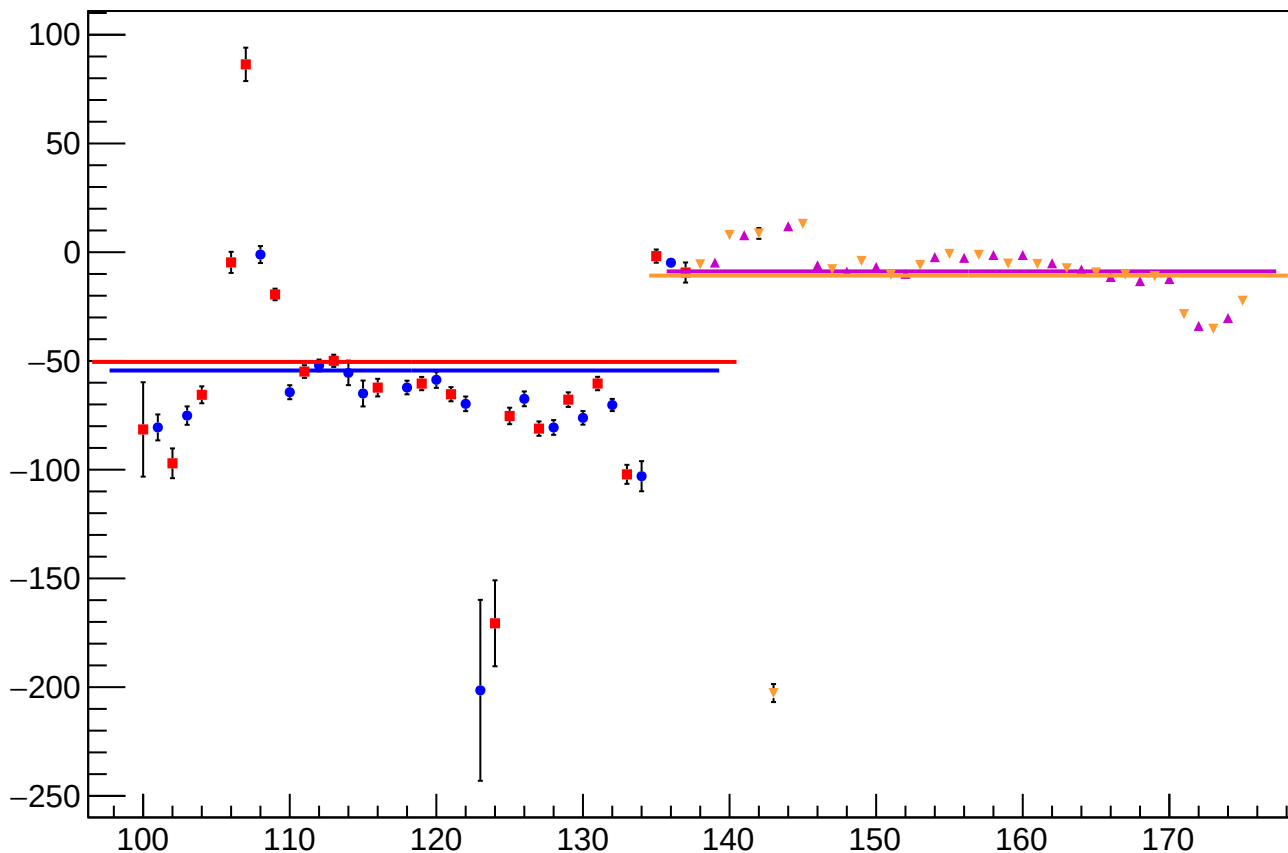
Left In: 0.406 $\pm$ 0.244 χ^2 /NDF:56.8/17

+ sign 1.331 $\pm$ 0.209 χ^2 /NDF: 468.2/36

All: 1.315 $\pm$ 0.150 χ^2 /NDF: 774.4/73

- sign 1.297 $\pm$ 0.217 χ^2 /NDF: 306.2/36

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: -10.749 ± 0.315 χ^2/NDF : 3362.6/19

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

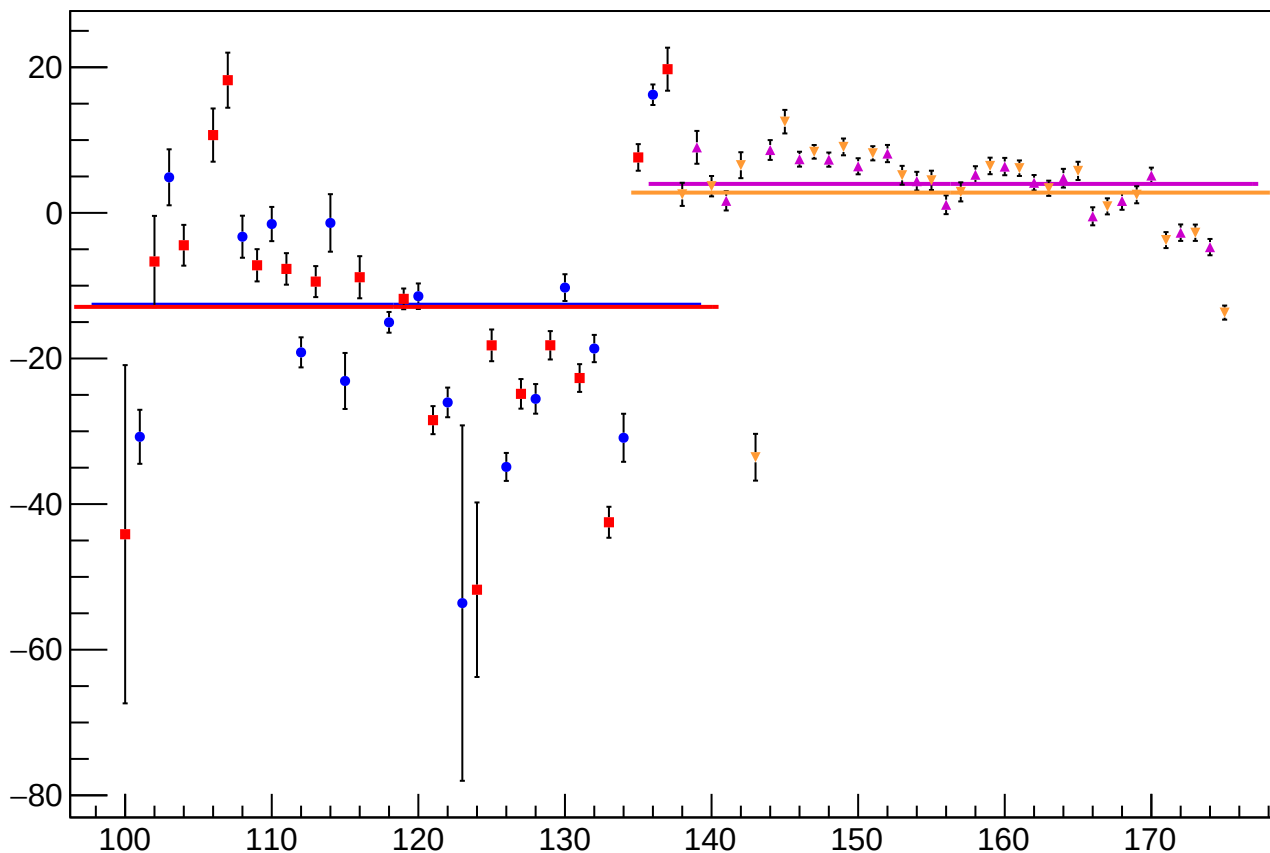
Left In: -8.819 ± 0.326 χ^2/NDF : 995.7/17

+ sign -15.895 ± 0.296 χ^2/NDF : 6634.5/36

All: -15.014 ± 0.212 χ^2/NDF : 11031.8/73

- sign -14.081 ± 0.305 χ^2/NDF : 4379.1/36

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 2.784 ± 0.269 χ^2/NDF : 649.3/19

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

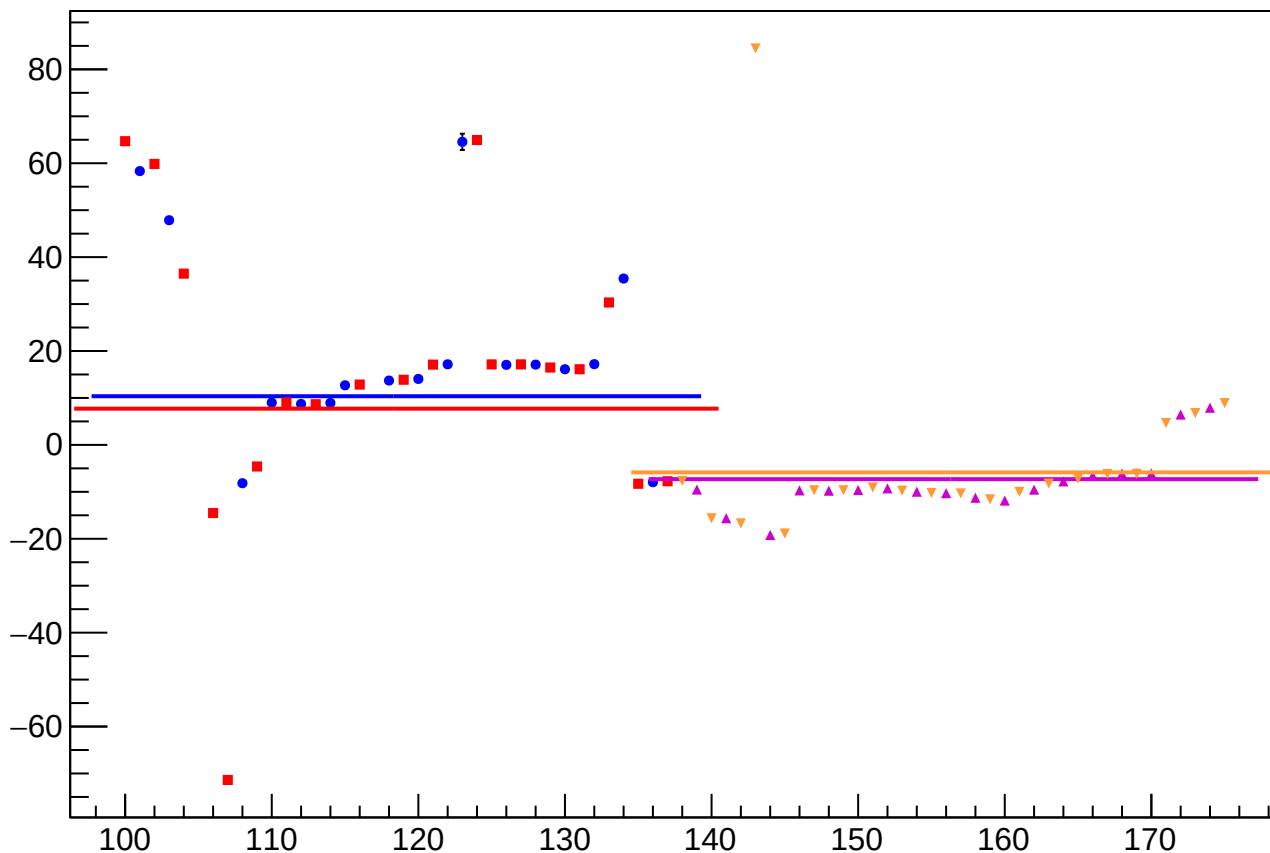
Left In: 3.979 ± 0.280 χ^2/NDF : 183.0/17

+ sign -0.364 ± 0.240 χ^2/NDF : 2108.8/36

All: -0.006 ± 0.173 χ^2/NDF : 3801.7/73

- sign 0.378 ± 0.248 χ^2/NDF : 1688.3/36

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: -5.856+/-0.012 χ^2/NDF : 636446.2/19

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

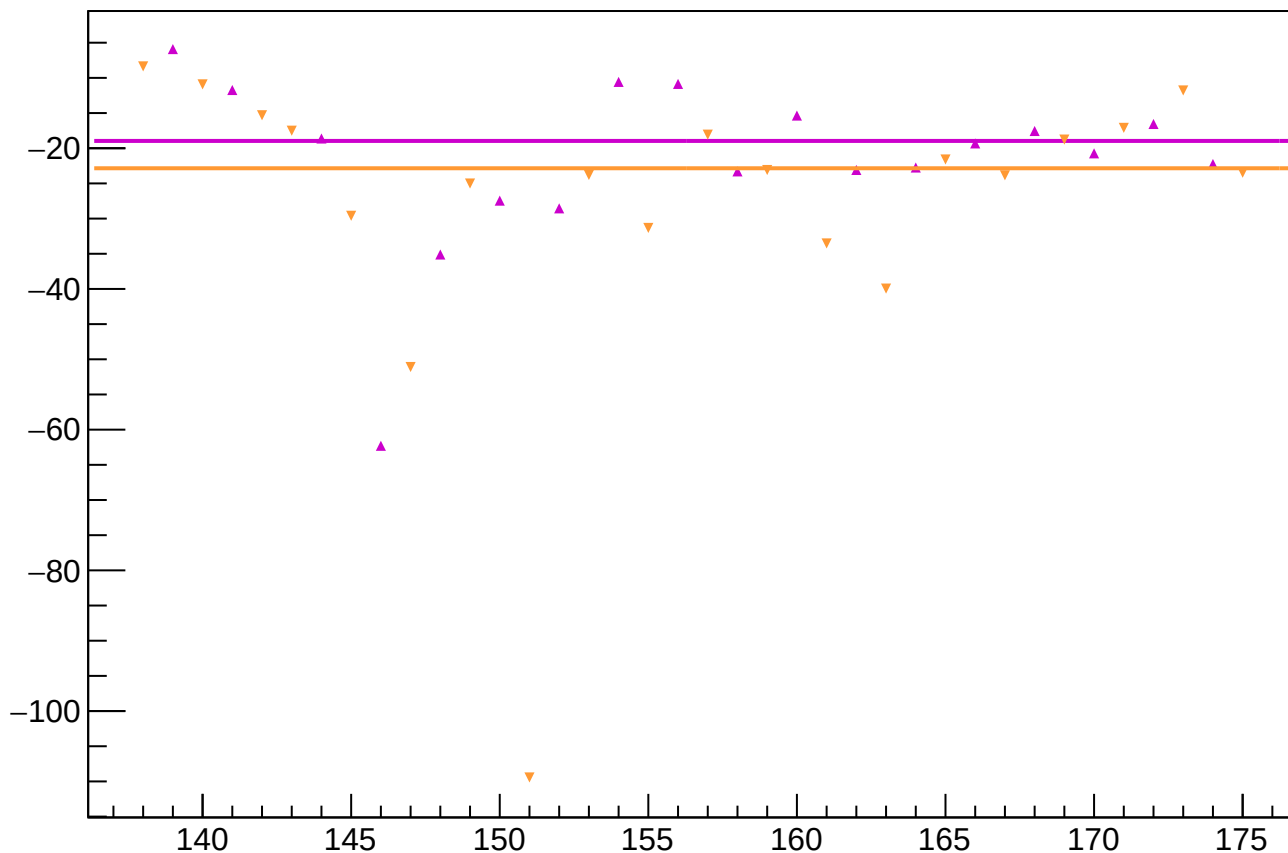
Left In: -7.297+/-0.013 χ^2/NDF : 255595.9/17

+ sign -3.543+/-0.012 χ^2/NDF : 1259413.8/36

All: -4.356+/-0.008 χ^2/NDF : 2268677.4/73

- sign -5.193+/-0.012 χ^2/NDF : 999173.6/36

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -22.847 $\pm$ 0.051 χ^2/NDF : 62488.3/19

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

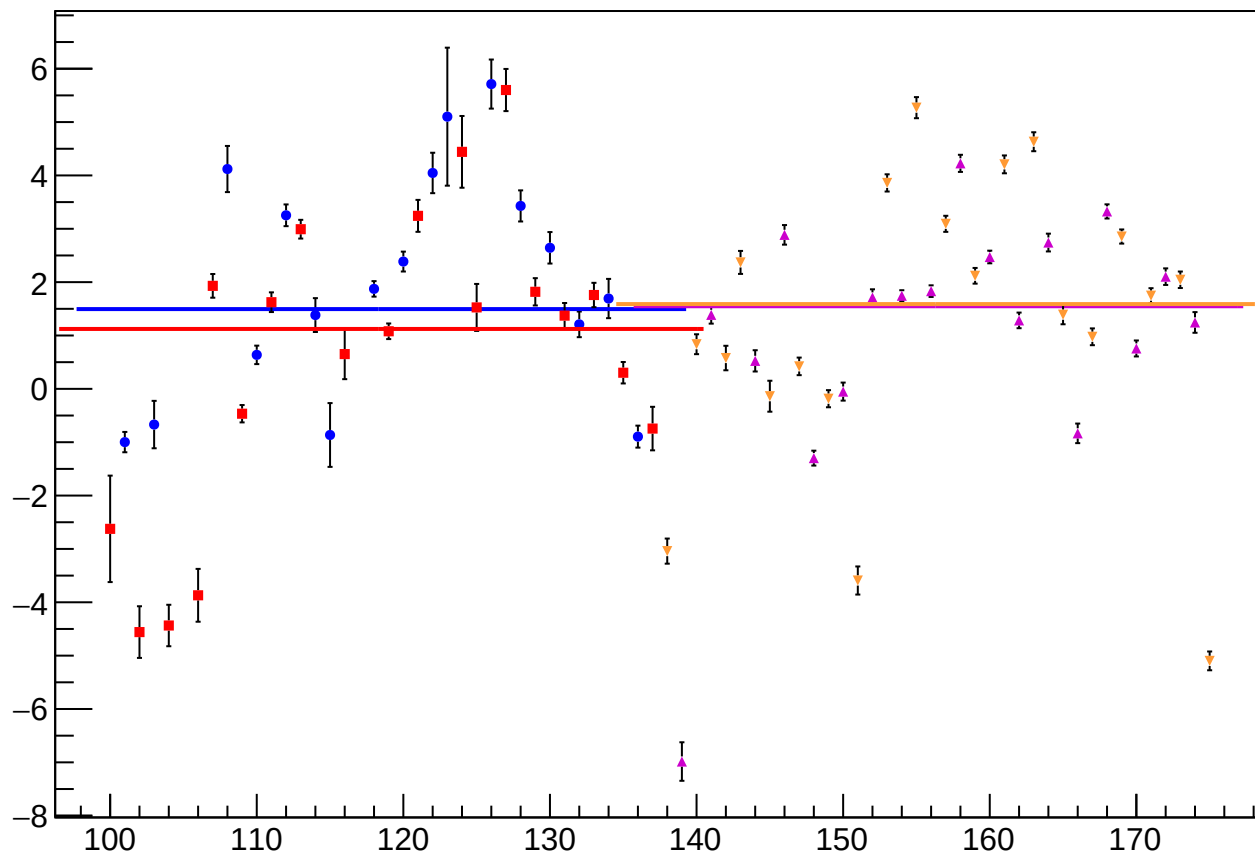
Left In: -18.961 $\pm$ 0.048 χ^2/NDF : 38384.5/17

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

All: -20.760 $\pm$ 0.035 χ^2/NDF : 103943.9/37

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

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 $\pm$ 0.061 χ^2 /NDF: 708.8/16

Left Out: 1.589 $\pm$ 0.039 χ^2 /NDF:3786.4/19

Right Out: 1.123 $\pm$ 0.058 χ^2 /NDF: 946.5/18

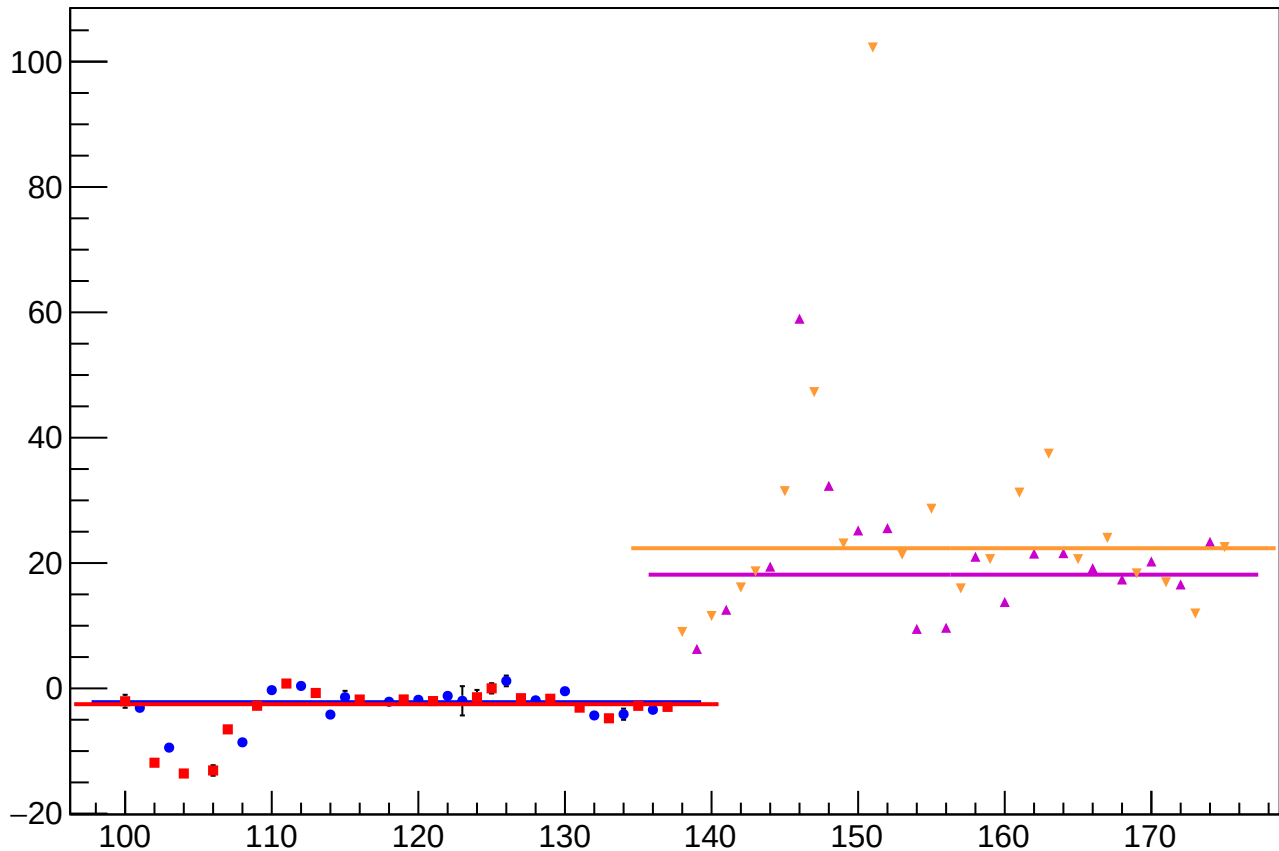
Left In: 1.548 $\pm$ 0.035 χ^2 /NDF:1940.0/17

+ sign 1.562 $\pm$ 0.033 χ^2 /NDF: 4496.9/36

All: 1.492 $\pm$ 0.022 χ^2 /NDF: 7430.7/73

- sign 1.433 $\pm$ 0.030 χ^2 /NDF: 2925.5/36

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 22.366 ± 0.051 χ^2/NDF : 55672.0/19

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

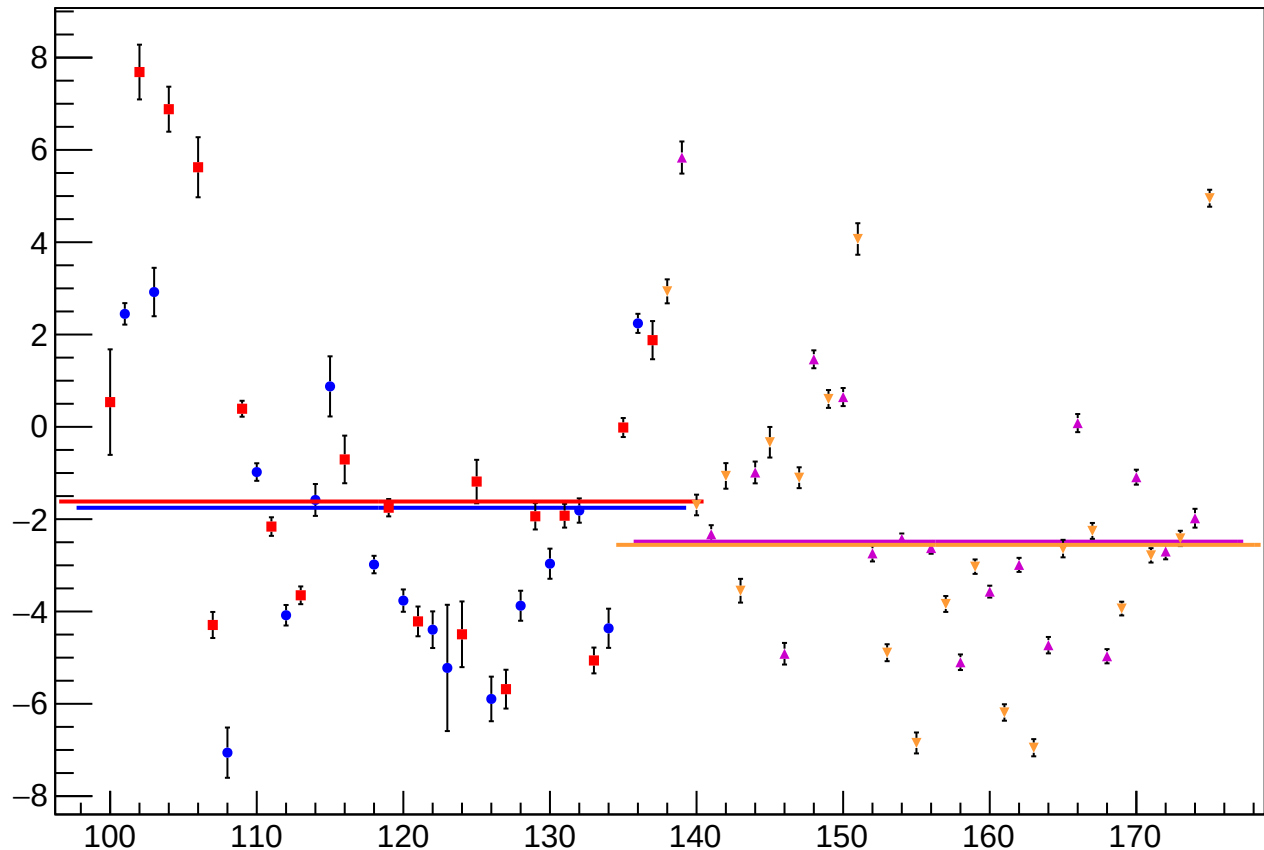
Left In: 18.146 ± 0.047 χ^2/NDF : 36447.7/17

+ sign 18.068 ± 0.046 χ^2/NDF : 96847.9/36

All: 16.058 ± 0.031 χ^2/NDF : 173336.9/73

- sign 14.383 ± 0.042 χ^2/NDF : 73027.5/36

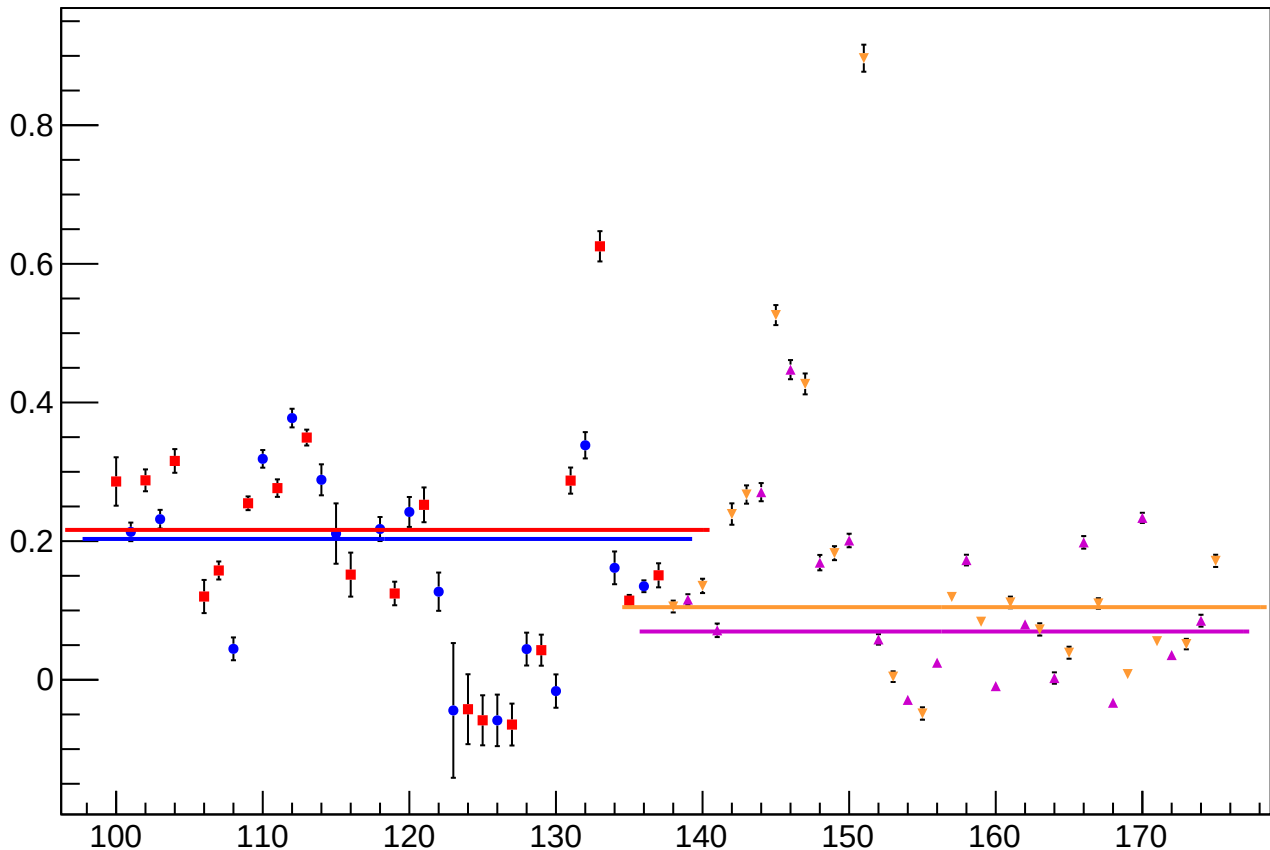
reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 $\chi^2/\text{NDF}: 1345.0/16$
 Left Out: -2.556 ± 0.044 $\chi^2/\text{NDF}: 4550.2/19$
 Right Out: -1.617 ± 0.066 $\chi^2/\text{NDF}: 1487.5/18$
 Left In: -2.487 ± 0.040 $\chi^2/\text{NDF}: 2387.5/17$

+ sign -2.333 ± 0.037 $\chi^2/\text{NDF}: 5989.4/36$
 All: -2.289 ± 0.025 $\chi^2/\text{NDF}: 9994.8/73$
 - sign -2.252 ± 0.034 $\chi^2/\text{NDF}: 4002.9/36$

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: 0.105 $\pm$ 0.002 χ^2 /NDF: 4161.3/19

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1067.3/18

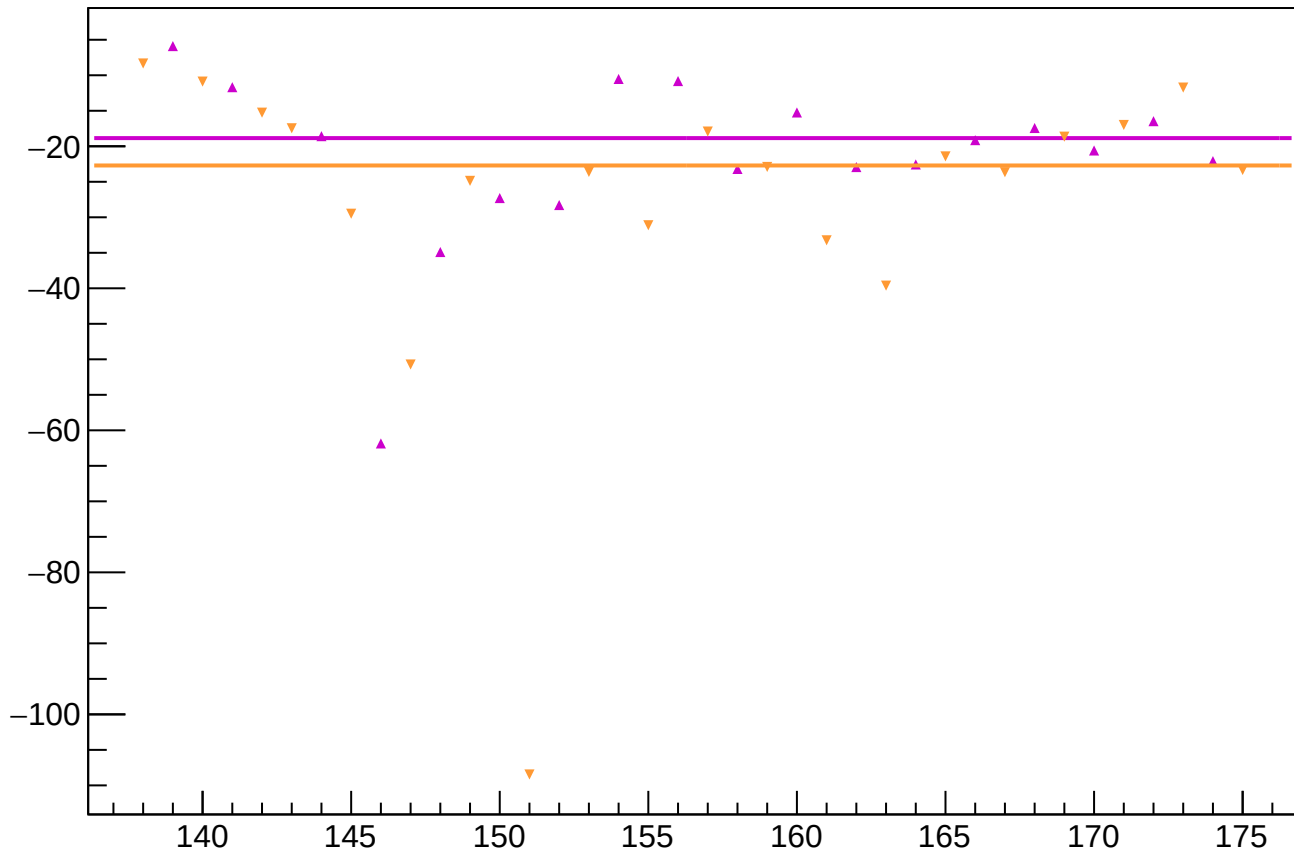
Left In: 0.070 $\pm$ 0.002 χ^2 /NDF: 3211.5/17

+ sign 0.123 $\pm$ 0.002 χ^2 /NDF: 5300.9/36

All: 0.108 $\pm$ 0.001 χ^2 /NDF: 10996.1/73

- sign 0.096 $\pm$ 0.002 χ^2 /NDF: 5568.7/36

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.704 $\pm$ 0.051 χ^2 /NDF:62301.4/19

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

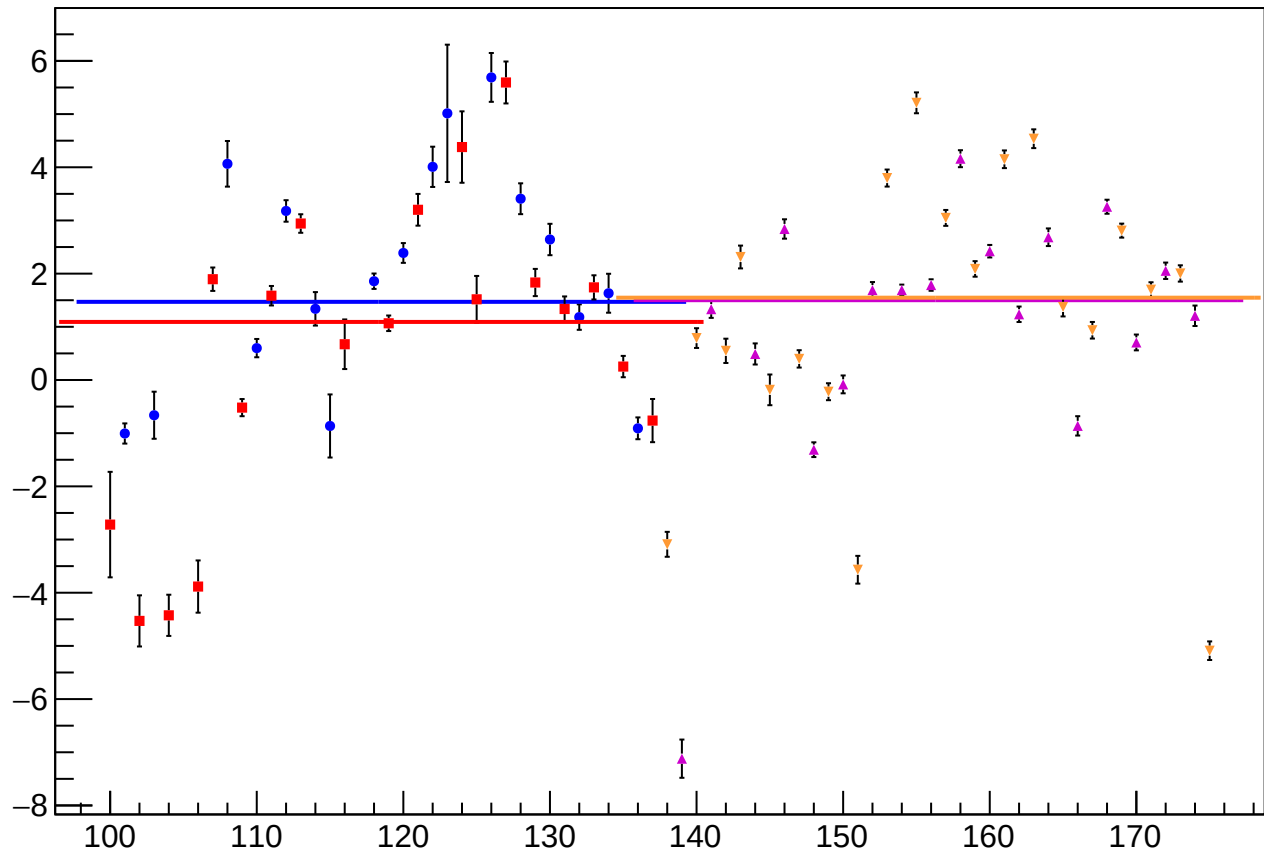
Left In: -18.849 $\pm$ 0.047 χ^2 /NDF:38294.3/17

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

All: -20.634 $\pm$ 0.035 χ^2 /NDF: 103657.1/37

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

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: 1.548 ± 0.039 χ^2/NDF : 3785.3/19

Right Out: 1.092 ± 0.058 χ^2/NDF : 952.1/18

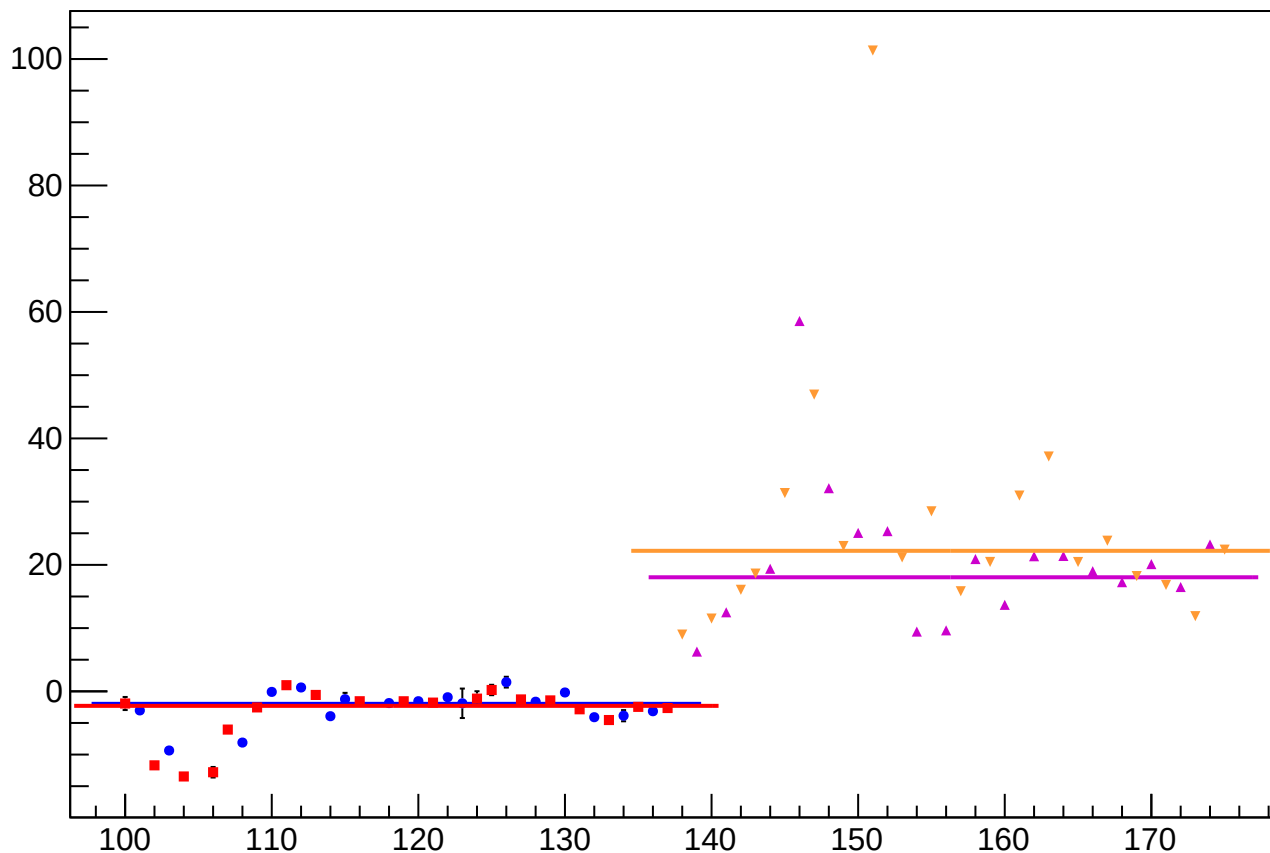
Left In: 1.501 ± 0.035 χ^2/NDF : 1951.1/17

+ sign 1.525 ± 0.033 χ^2/NDF : 4494.4/36

All: 1.453 ± 0.022 χ^2/NDF : 7443.1/73

- sign 1.390 ± 0.030 χ^2/NDF : 2939.5/36

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: 22.224 ± 0.051 $\chi^2/\text{NDF}: 55525.1/19$

Right Out: -2.294 ± 0.098 $\chi^2/\text{NDF}: 906.6/18$

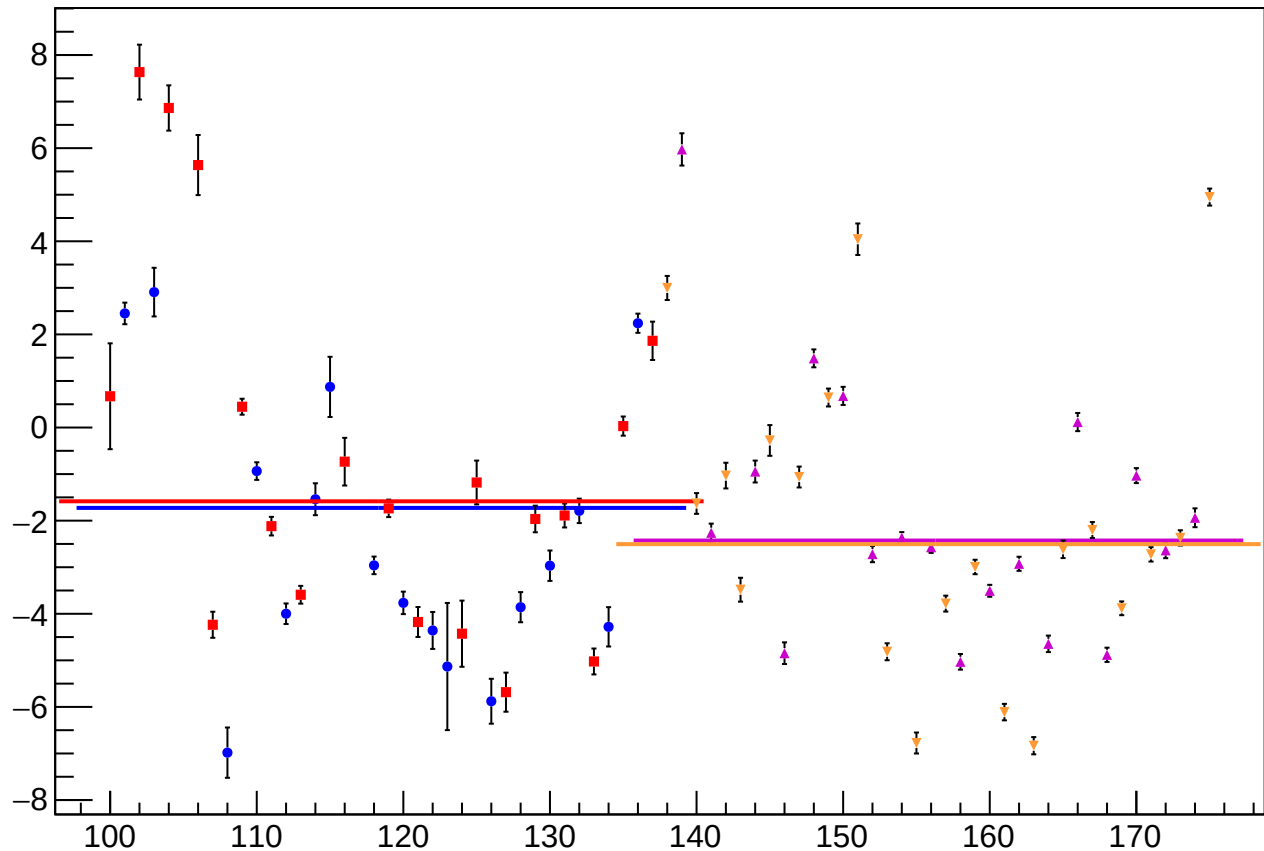
Left In: 18.039 ± 0.046 $\chi^2/\text{NDF}: 36368.7/17$

+ sign 18.001 ± 0.046 $\chi^2/\text{NDF}: 95916.6/36$

All: 16.006 ± 0.031 $\chi^2/\text{NDF}: 171565.3/73$

- sign 14.343 ± 0.042 $\chi^2/\text{NDF}: 72194.5/36$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.504 ± 0.043 χ^2/NDF : 4547.4/19

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

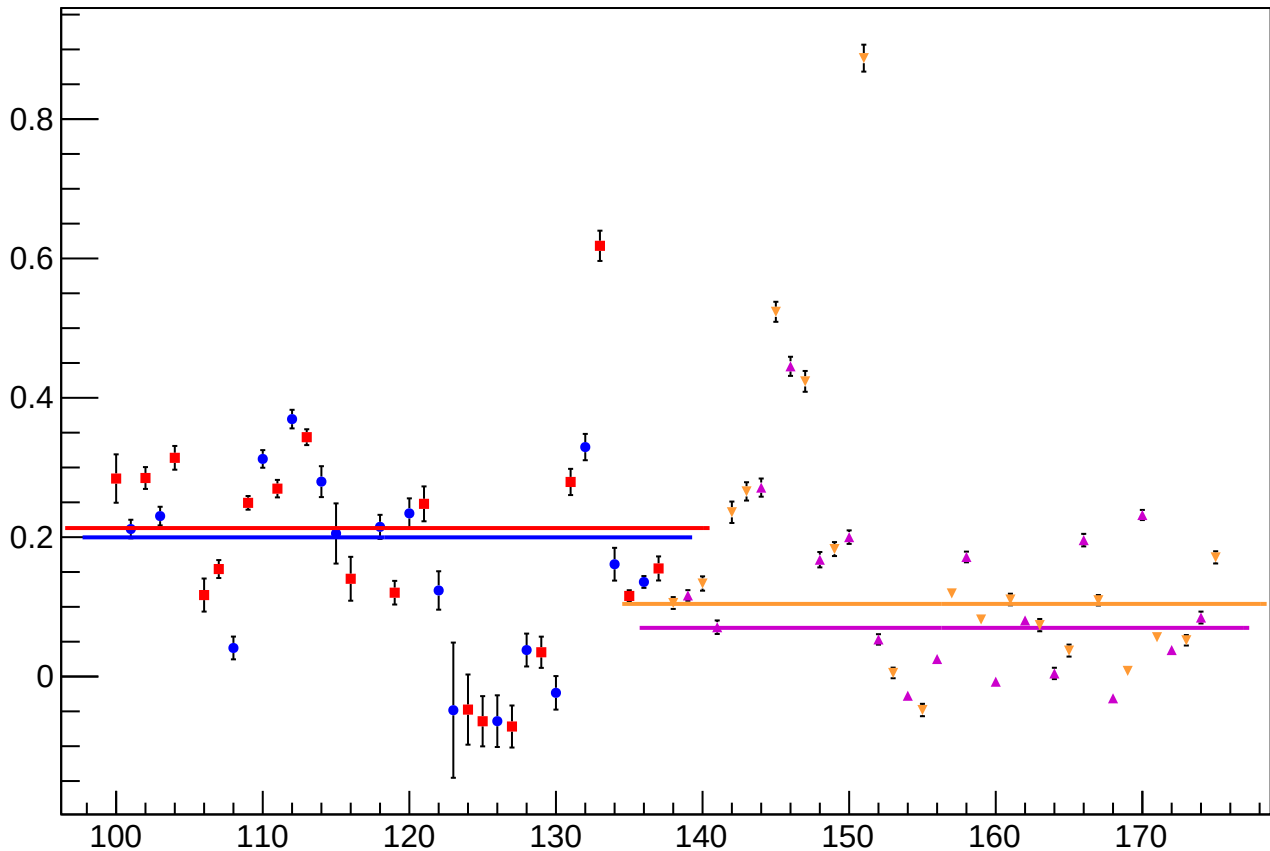
Left In: -2.427 ± 0.040 χ^2/NDF : 2399.0/17

+ sign -2.288 ± 0.037 χ^2/NDF : 5978.3/36

All: -2.241 ± 0.025 χ^2/NDF : 9994.5/73

- sign -2.200 ± 0.034 χ^2/NDF : 4013.1/36

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4153.2/19

Right Out: 0.213 ± 0.004 χ^2/NDF : 1050.9/18

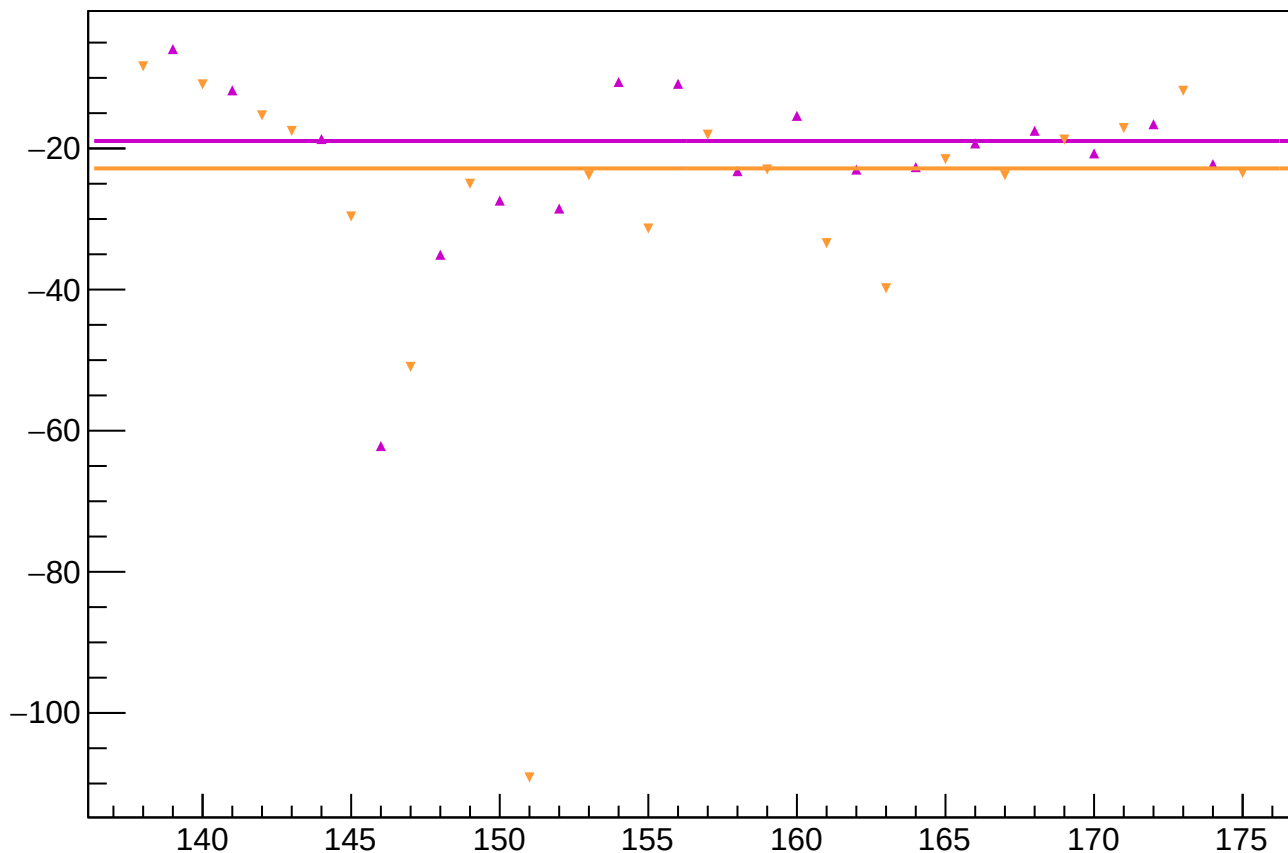
Left In: 0.070 ± 0.002 χ^2/NDF : 3184.8/17

+ sign 0.122 ± 0.002 χ^2/NDF : 5256.1/36

All: 0.107 ± 0.001 χ^2/NDF : 10858.4/73

- sign 0.096 ± 0.002 χ^2/NDF : 5480.4/36

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -22.829+/-0.051 χ^2/NDF : 62415.1/19

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

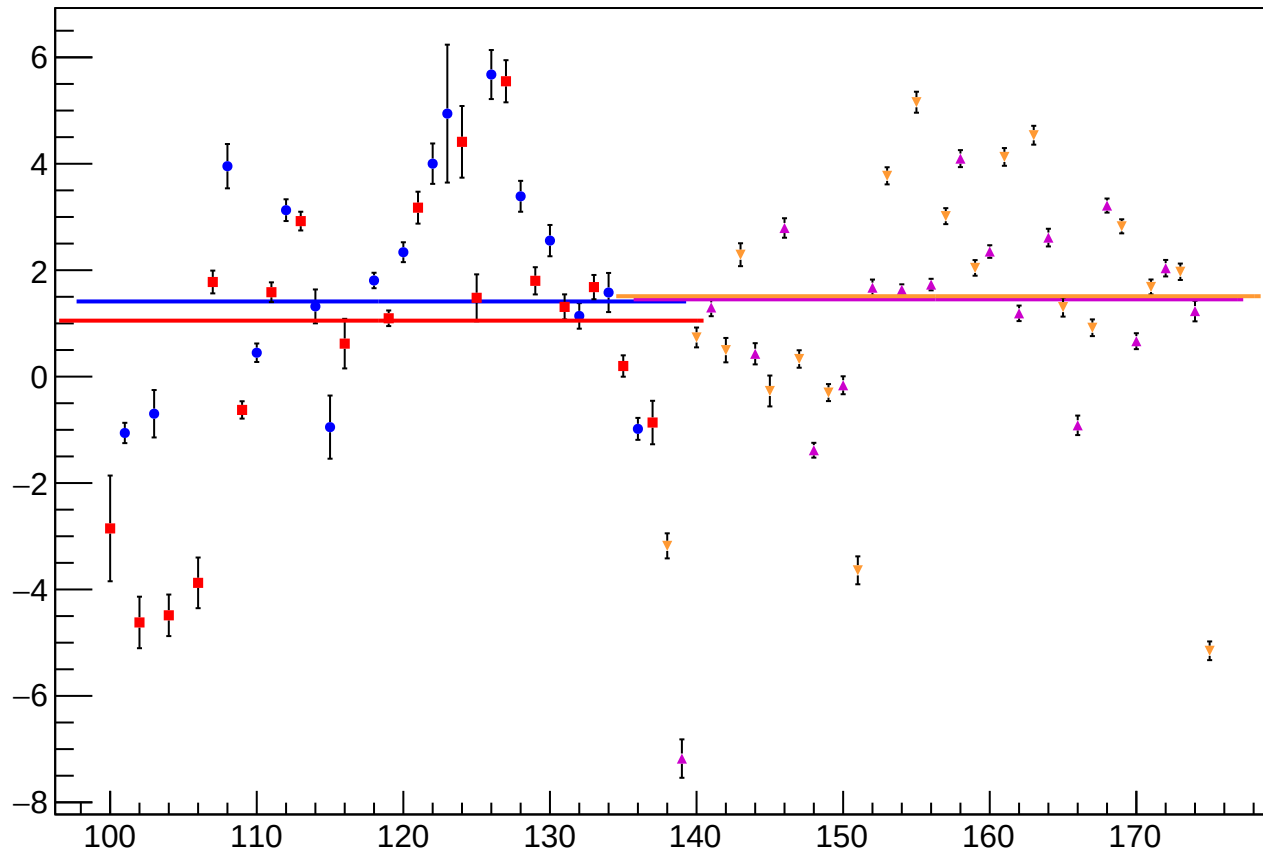
Left In: -18.944+/-0.048 χ^2/NDF : 38357.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.742+/-0.035 χ^2/NDF : 103857.5/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: 1.511 ± 0.039 χ^2/NDF : 3805.0/19

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

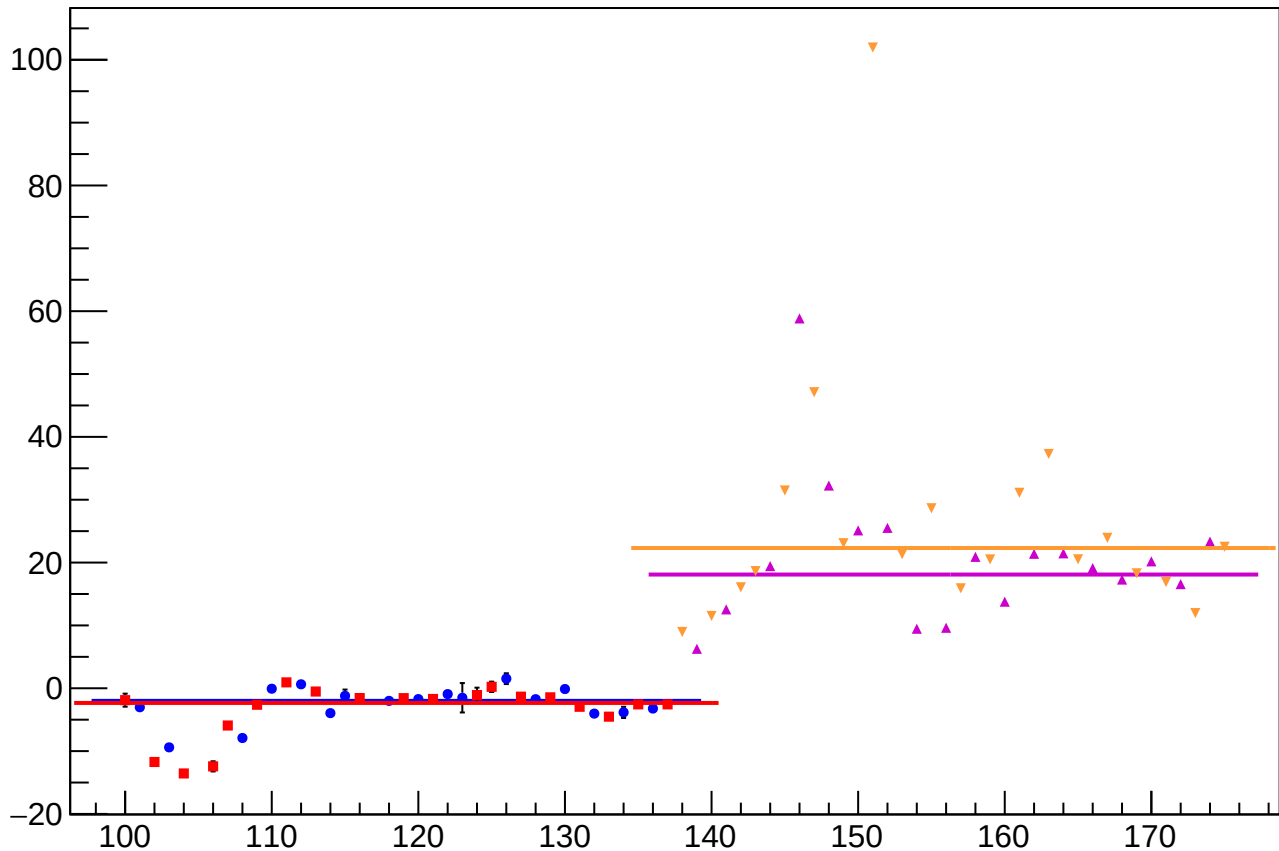
Left In: 1.452 ± 0.035 χ^2/NDF : 1941.0/17

+ sign 1.483 ± 0.033 χ^2/NDF : 4520.8/36

All: 1.408 ± 0.022 χ^2/NDF : 7469.5/73

- sign 1.344 ± 0.030 χ^2/NDF : 2939.0/36

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 22.314 ± 0.051 χ^2/NDF : 55622.7/19

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

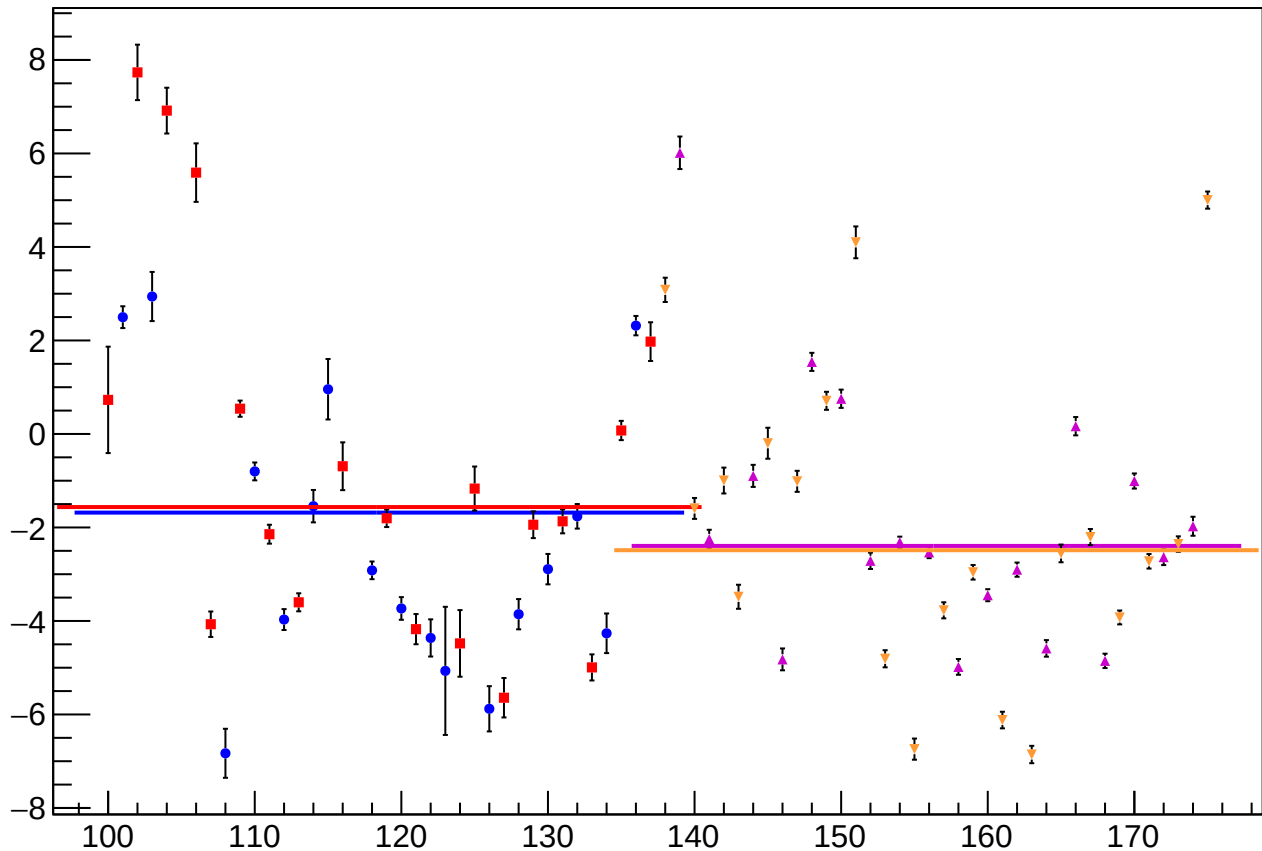
Left In: 18.095 ± 0.047 χ^2/NDF : 36446.4/17

+ sign 18.078 ± 0.046 χ^2/NDF : 96001.7/36

All: 16.065 ± 0.031 χ^2/NDF : 171760.5/73

- sign 14.388 ± 0.042 χ^2/NDF : 72273.2/36

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 $\pm$ 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.487 $\pm$ 0.044 χ^2/NDF : 4576.0/19

Right Out: -1.563 $\pm$ 0.066 χ^2/NDF : 1504.7/18

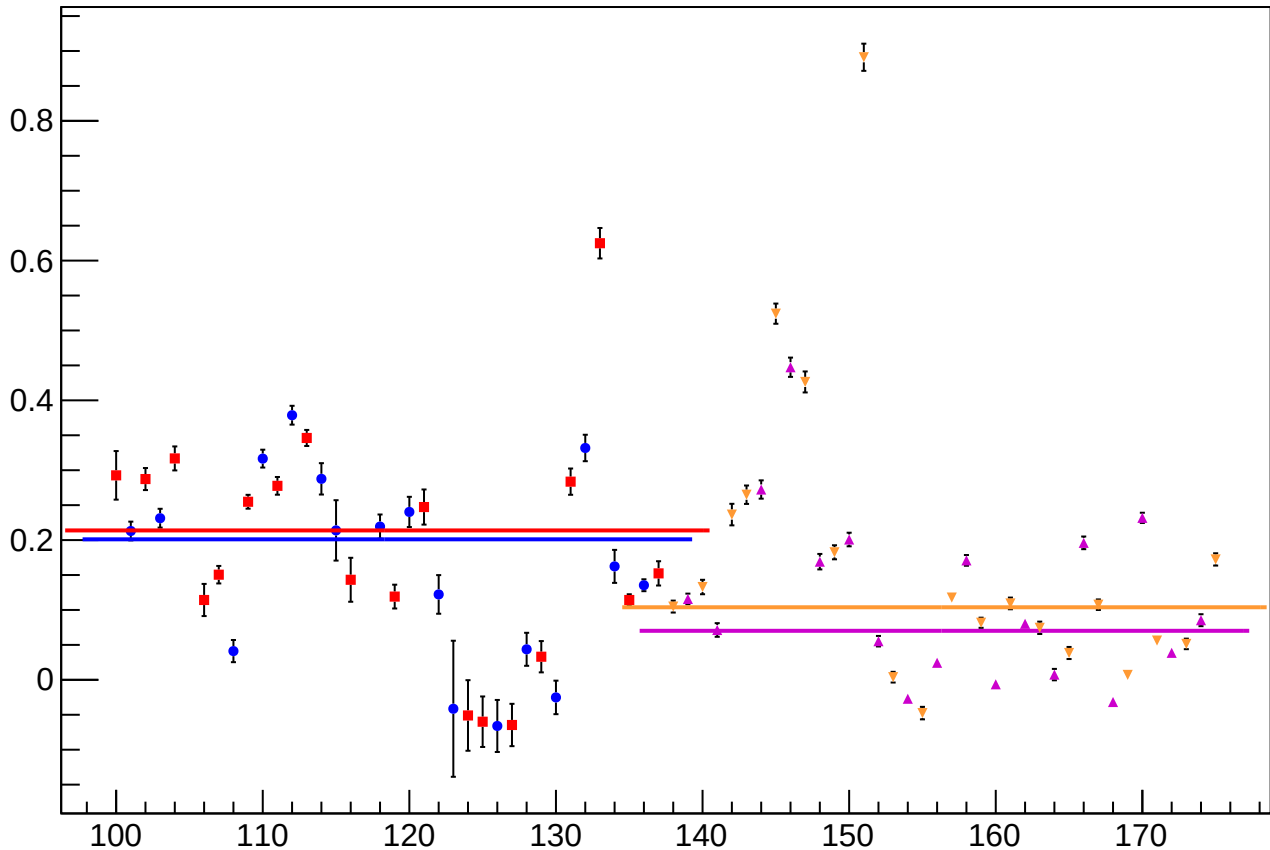
Left In: -2.394 $\pm$ 0.040 χ^2/NDF : 2387.2/17

+ sign -2.263 $\pm$ 0.037 χ^2/NDF : 6018.4/36

All: -2.213 $\pm$ 0.025 χ^2/NDF : 10030.8/73

- sign -2.170 $\pm$ 0.034 χ^2/NDF : 4009.0/36

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4143.3/19

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

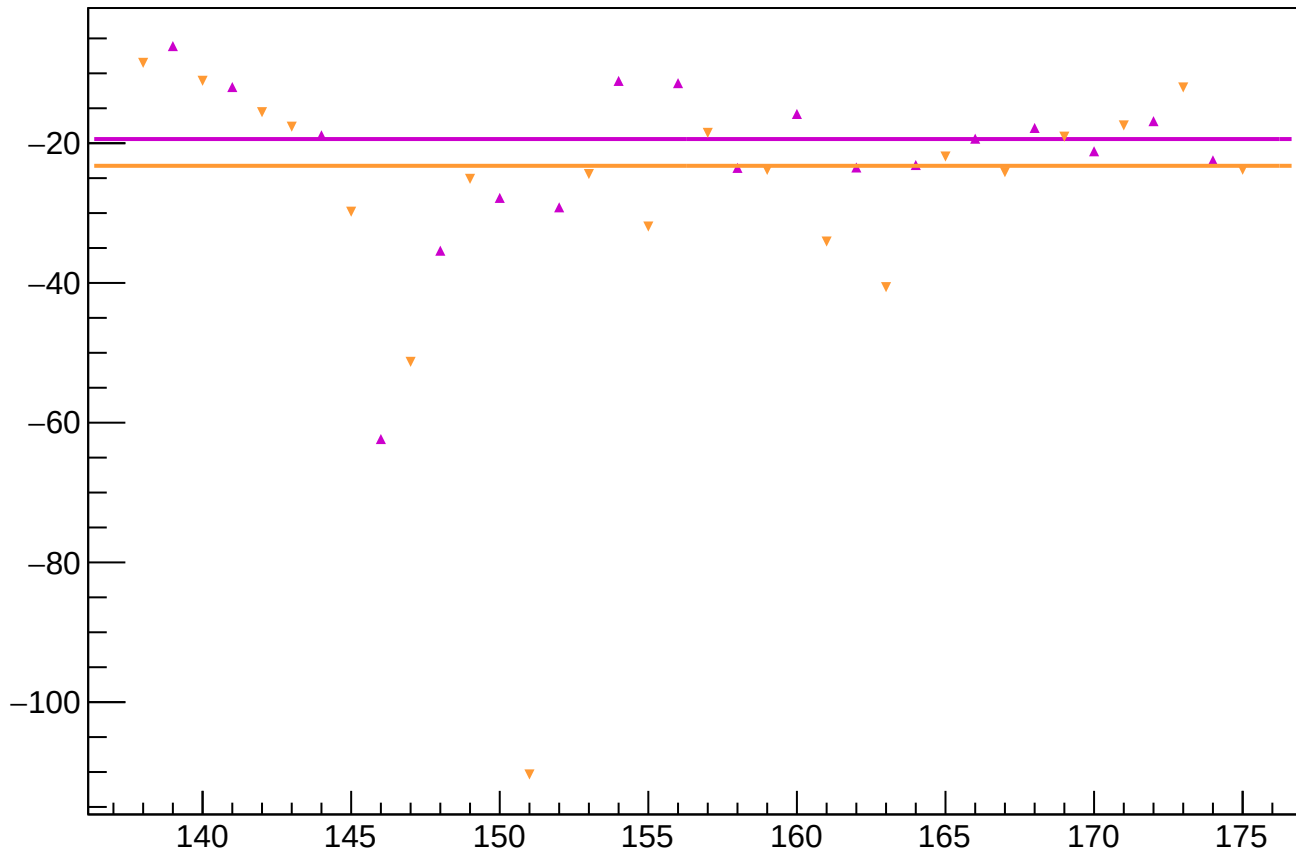
Left In: 0.070 ± 0.002 χ^2/NDF : 3163.2/17

+ sign 0.122 ± 0.002 χ^2/NDF : 5287.8/36

All: 0.107 ± 0.001 χ^2/NDF : 10897.0/73

- sign 0.096 ± 0.002 χ^2/NDF : 5493.1/36

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.235+/-0.052 χ^2/NDF : 62267.4/19

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

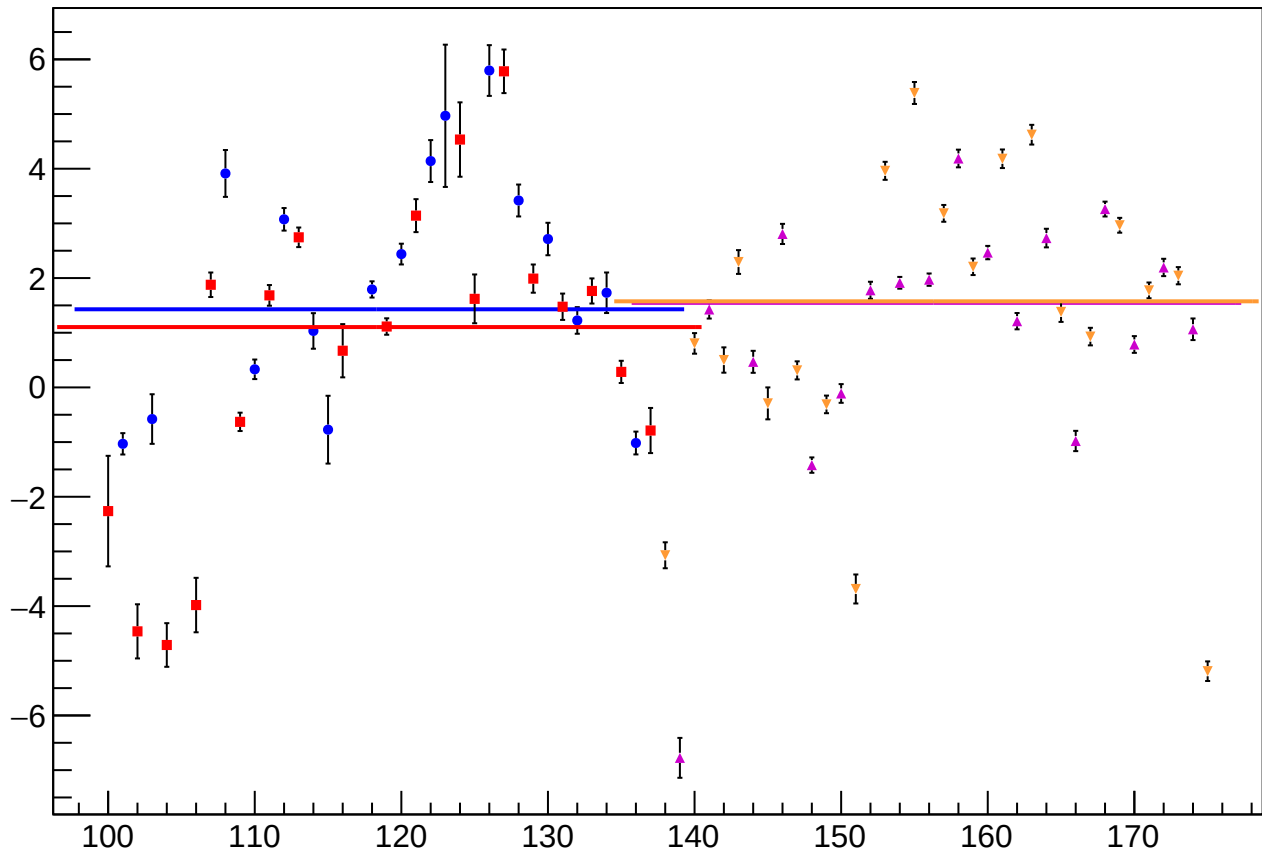
Left In: -19.405+/-0.049 χ^2/NDF : 37219.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.185+/-0.036 χ^2/NDF : 102359.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 ± 0.062 χ^2/NDF : 711.4/16

Left Out: 1.575 ± 0.039 χ^2/NDF : 3835.6/19

Right Out: 1.104 ± 0.059 χ^2/NDF : 936.5/18

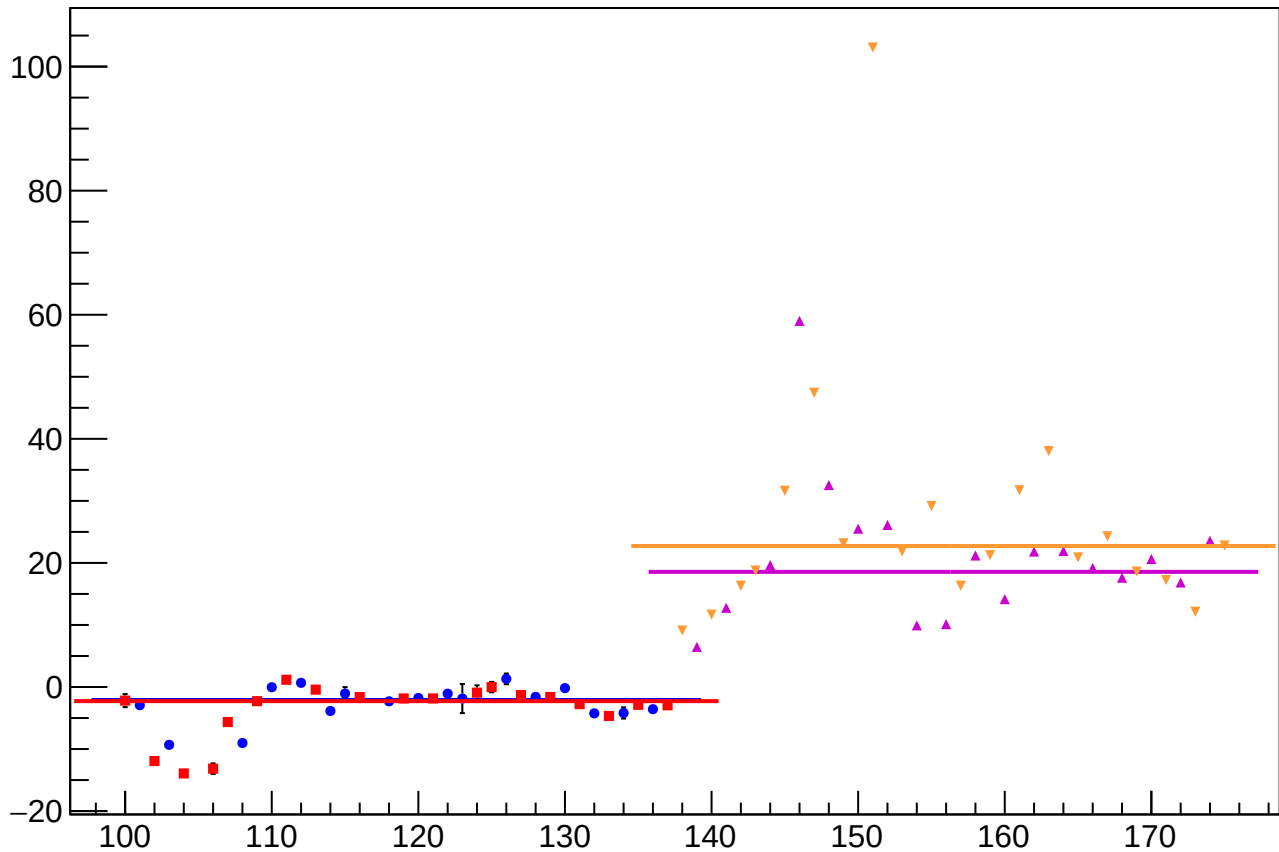
Left In: 1.547 ± 0.036 χ^2/NDF : 1931.3/17

+ sign 1.533 ± 0.033 χ^2/NDF : 4550.9/36

All: 1.476 ± 0.023 χ^2/NDF : 7464.9/73

- sign 1.426 ± 0.031 χ^2/NDF : 2908.5/36

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 22.725 ± 0.052 χ^2/NDF : 55368.2/19

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

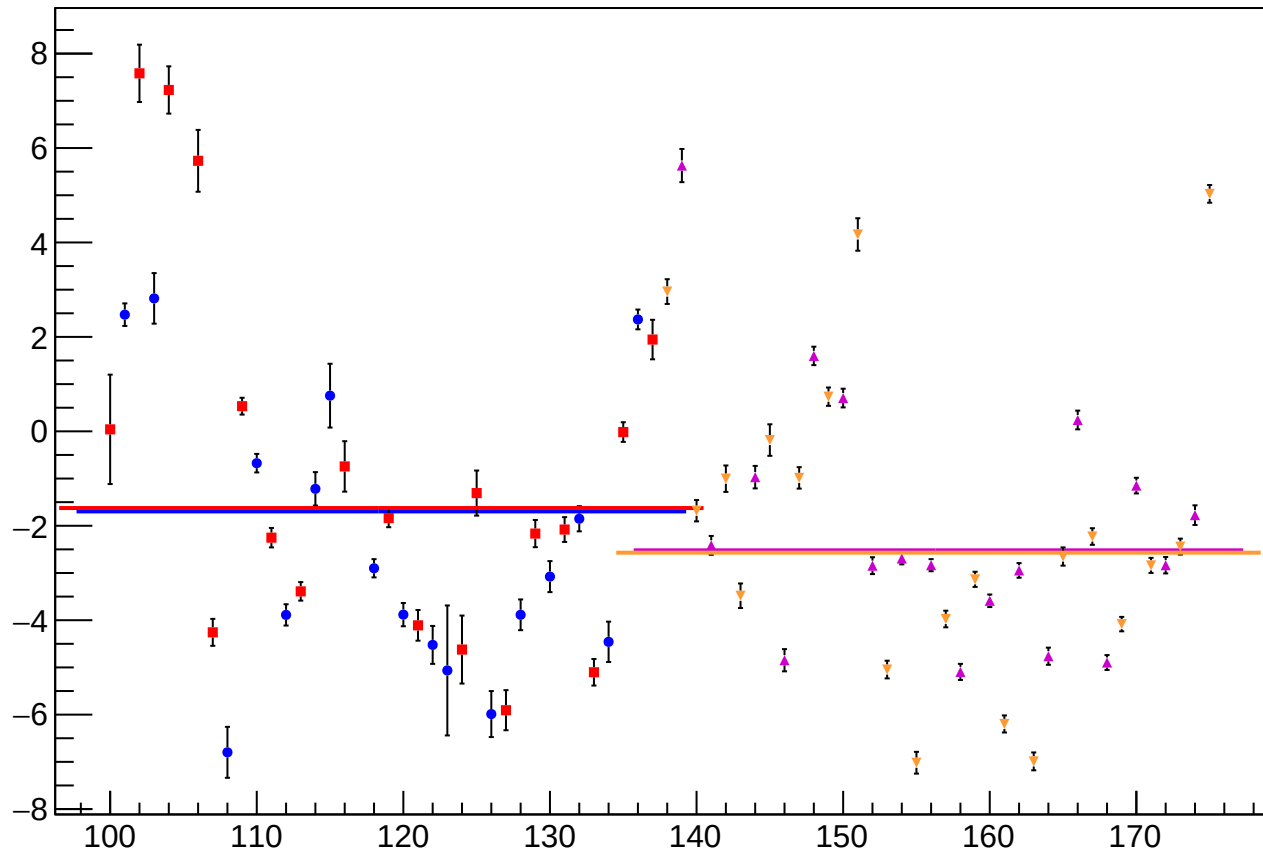
Left In: 18.560 ± 0.048 χ^2/NDF : 35151.7/17

+ sign 18.386 ± 0.047 χ^2/NDF : 95951.6/36

All: 16.415 ± 0.032 χ^2/NDF : 170046.1/73

- sign 14.760 ± 0.043 χ^2/NDF : 70868.3/36

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -2.570 ± 0.044 χ^2/NDF : 4599.0/19

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

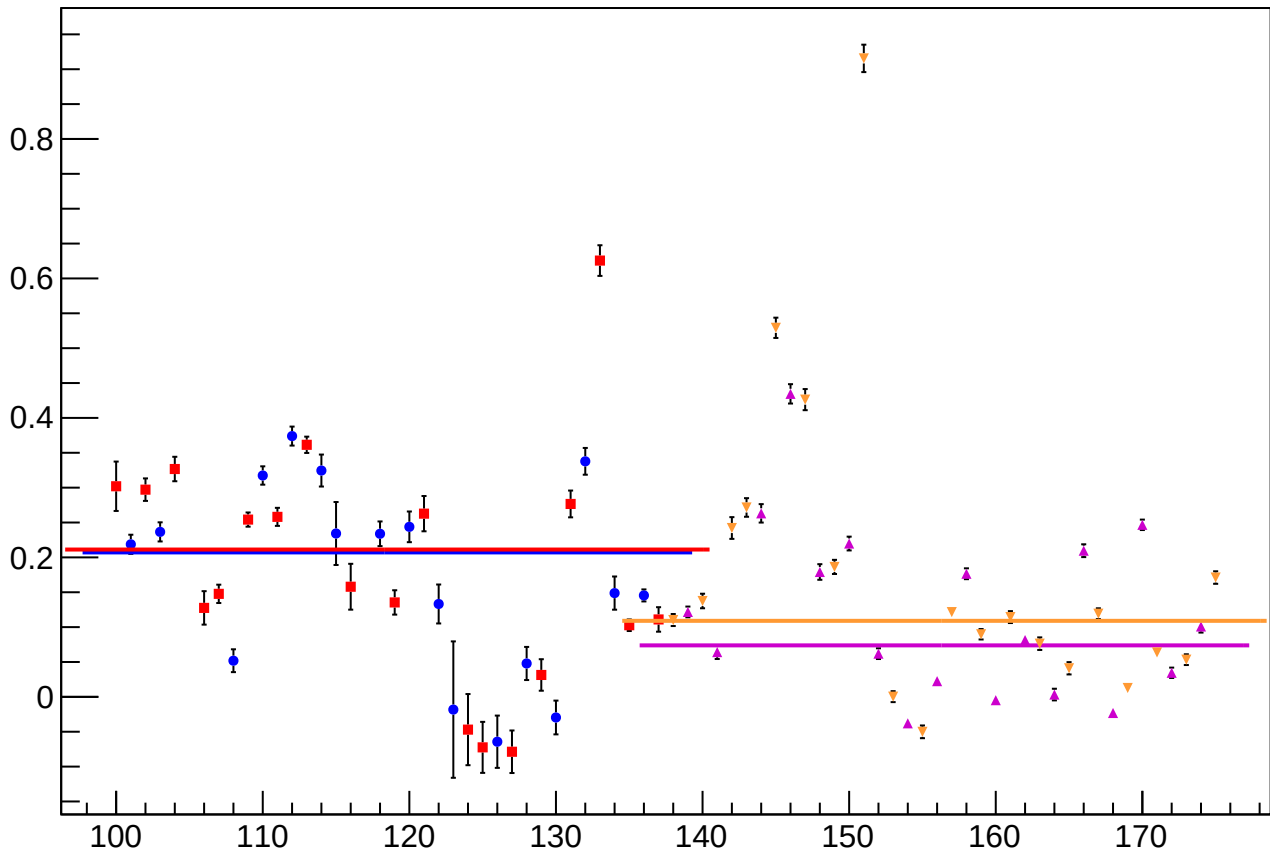
Left In: -2.520 ± 0.041 χ^2/NDF : 2356.4/17

+ sign -2.327 ± 0.038 χ^2/NDF : 6040.0/36

All: -2.300 ± 0.026 χ^2/NDF : 9995.1/73

- sign -2.277 ± 0.035 χ^2/NDF : 3954.1/36

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.109 ± 0.002 χ^2/NDF : 4159.8/19

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

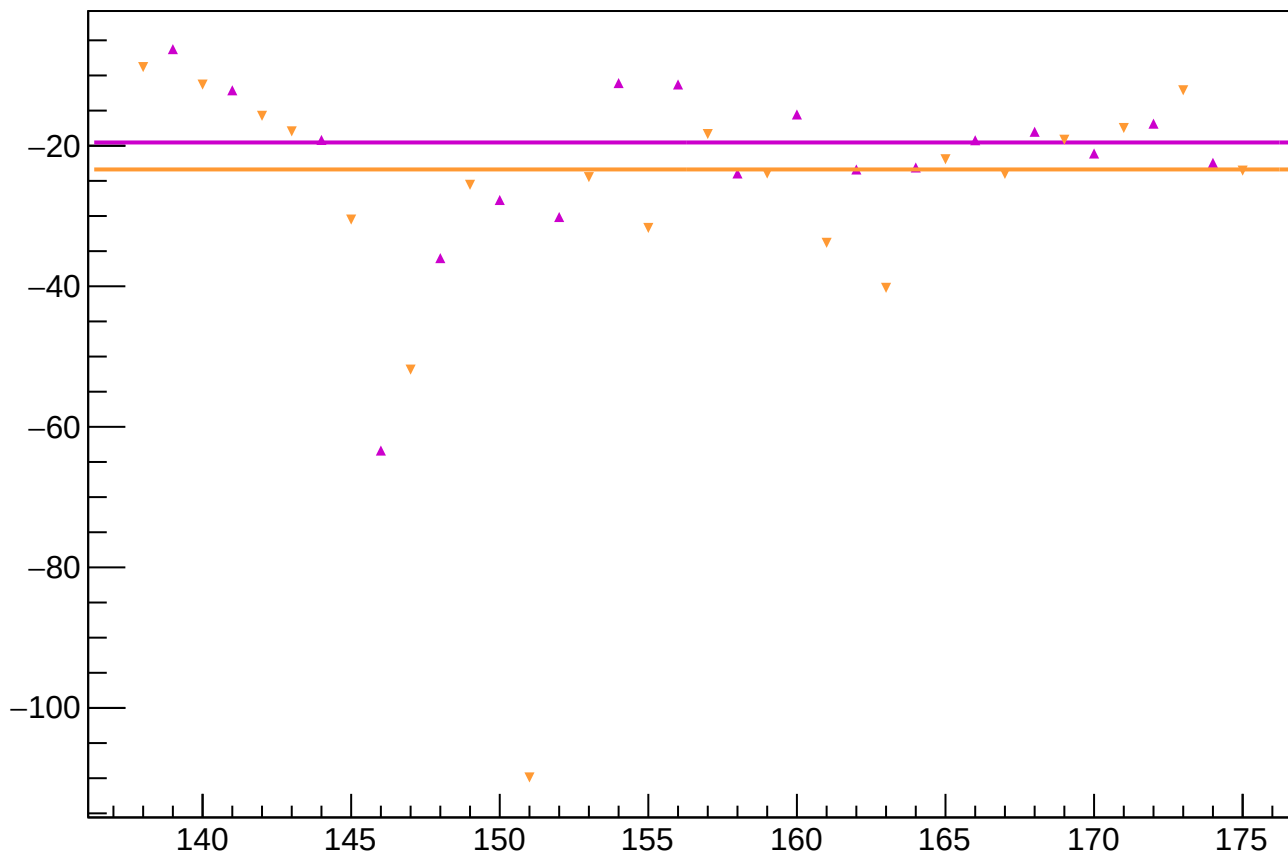
Left In: 0.074 ± 0.002 χ^2/NDF : 3259.9/17

+ sign 0.127 ± 0.002 χ^2/NDF : 5261.2/36

All: 0.111 ± 0.001 χ^2/NDF : 10895.5/73

- sign 0.099 ± 0.002 χ^2/NDF : 5498.6/36

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.374+/-0.053 χ^2/NDF : 61032.3/19

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

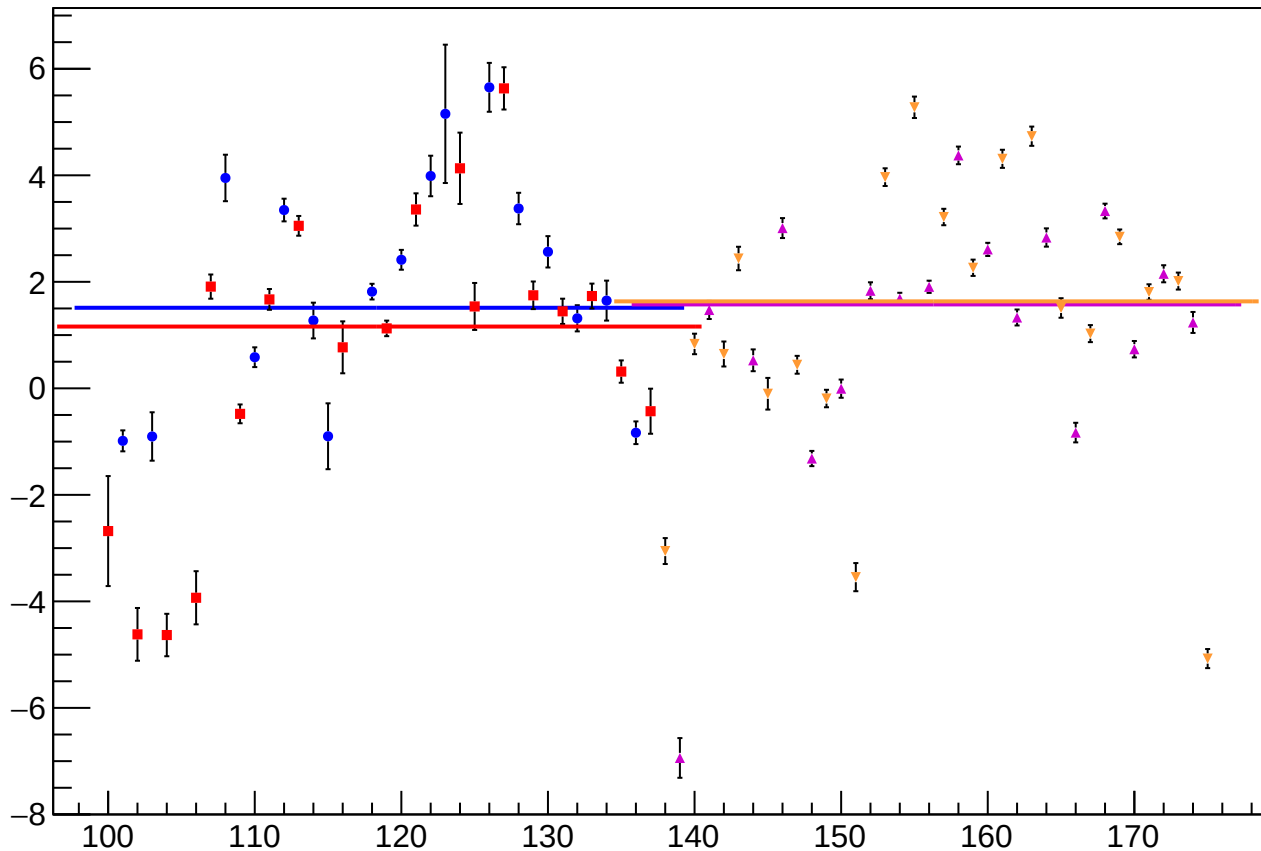
Left In: -19.535+/-0.049 χ^2/NDF : 37445.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.326+/-0.036 χ^2/NDF : 101304.3/37

- 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: 1.633 ± 0.040 χ^2/NDF : 3701.5/19

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

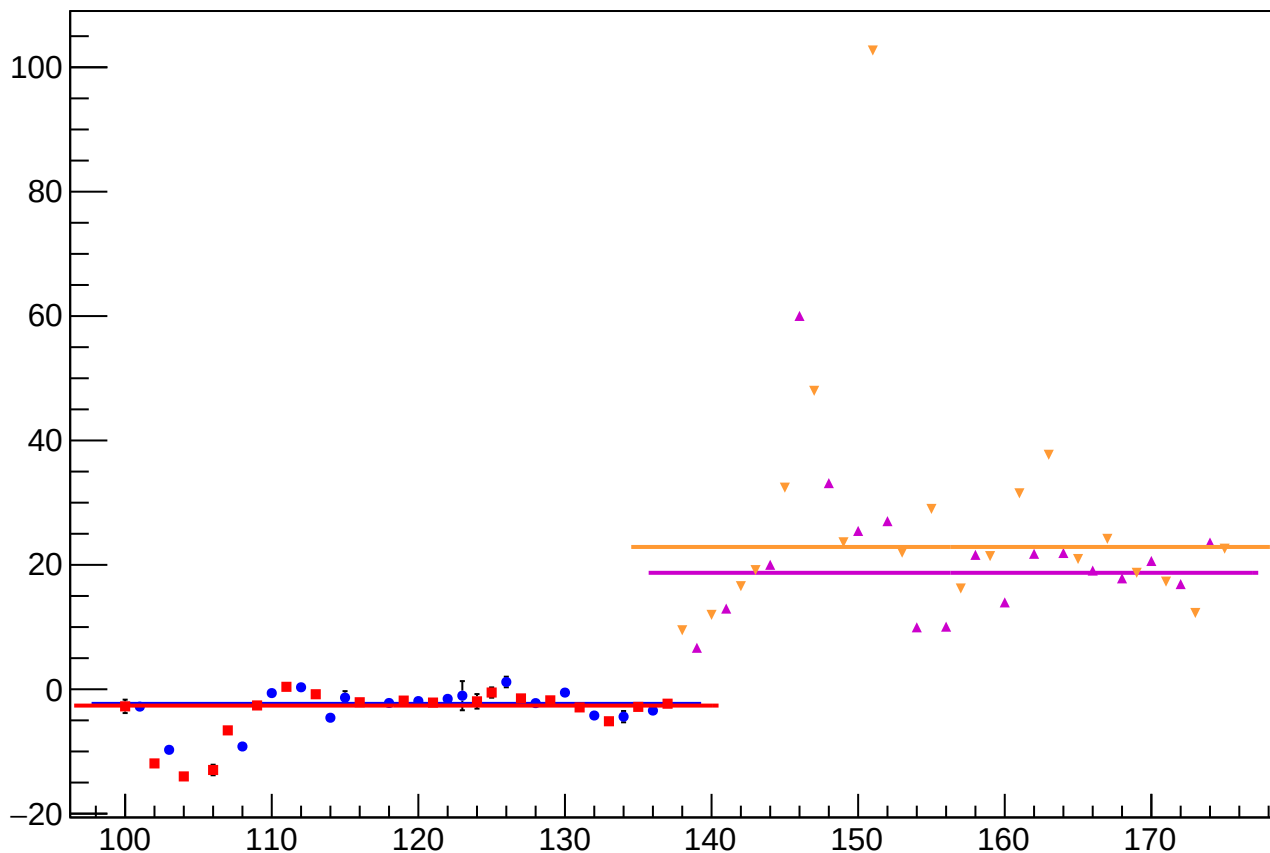
Left In: 1.576 ± 0.037 χ^2/NDF : 1901.5/17

+ sign 1.599 ± 0.034 χ^2/NDF : 4373.8/36

All: 1.526 ± 0.023 χ^2/NDF : 7235.9/73

- sign 1.463 ± 0.031 χ^2/NDF : 2853.4/36

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 22.880 ± 0.052 χ^2/NDF : 54382.8/19

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

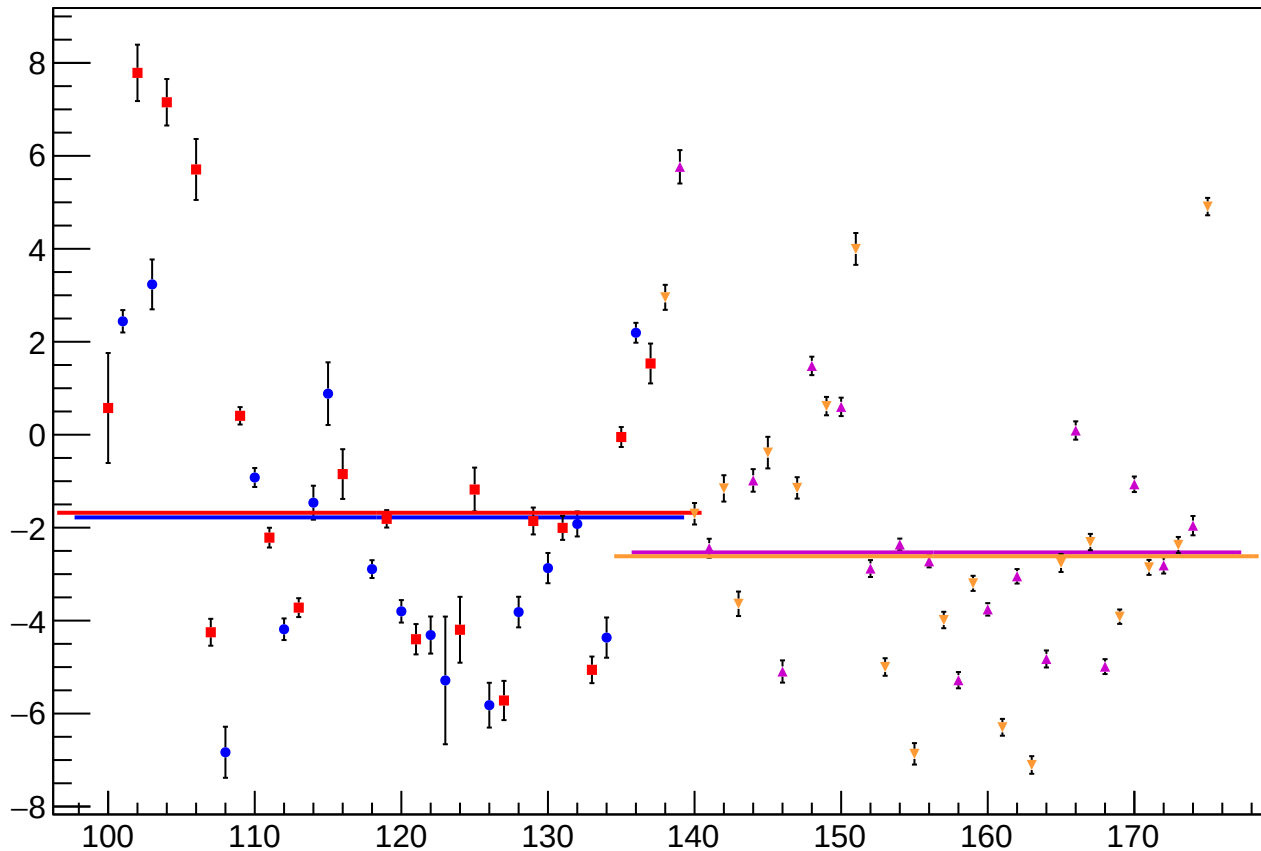
Left In: 18.723 ± 0.048 χ^2/NDF : 35398.4/17

+ sign 18.515 ± 0.048 χ^2/NDF : 95116.2/36

All: 16.552 ± 0.032 χ^2/NDF : 169585.4/73

- sign 14.888 ± 0.044 χ^2/NDF : 71318.2/36

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 $\pm$ 0.072 χ^2/NDF : 1272.1/16

Left Out: -2.616 $\pm$ 0.045 χ^2/NDF : 4448.4/19

Right Out: -1.679 $\pm$ 0.068 χ^2/NDF : 1429.6/18

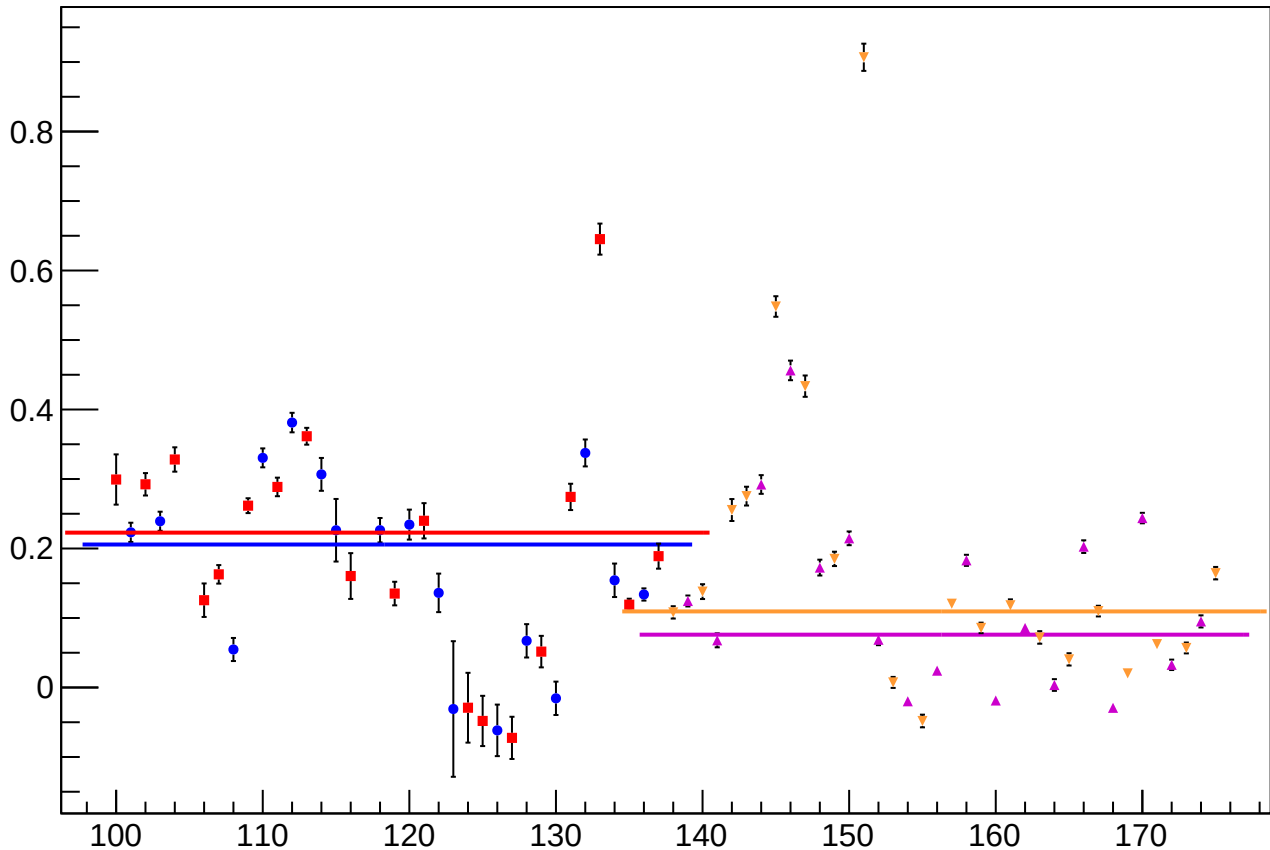
Left In: -2.533 $\pm$ 0.041 χ^2/NDF : 2352.8/17

+ sign -2.383 $\pm$ 0.038 χ^2/NDF : 5817.2/36

All: -2.340 $\pm$ 0.026 χ^2/NDF : 9717.0/73

- sign -2.302 $\pm$ 0.035 χ^2/NDF : 3897.3/36

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.109 ± 0.002 χ^2/NDF : 4127.8/19

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.076 ± 0.002 χ^2/NDF : 3230.6/17

+ sign 0.127 ± 0.002 χ^2/NDF : 5197.5/36

All: 0.113 ± 0.001 χ^2/NDF : 10771.8/73

- sign 0.103 ± 0.002 χ^2/NDF : 5473.6/36