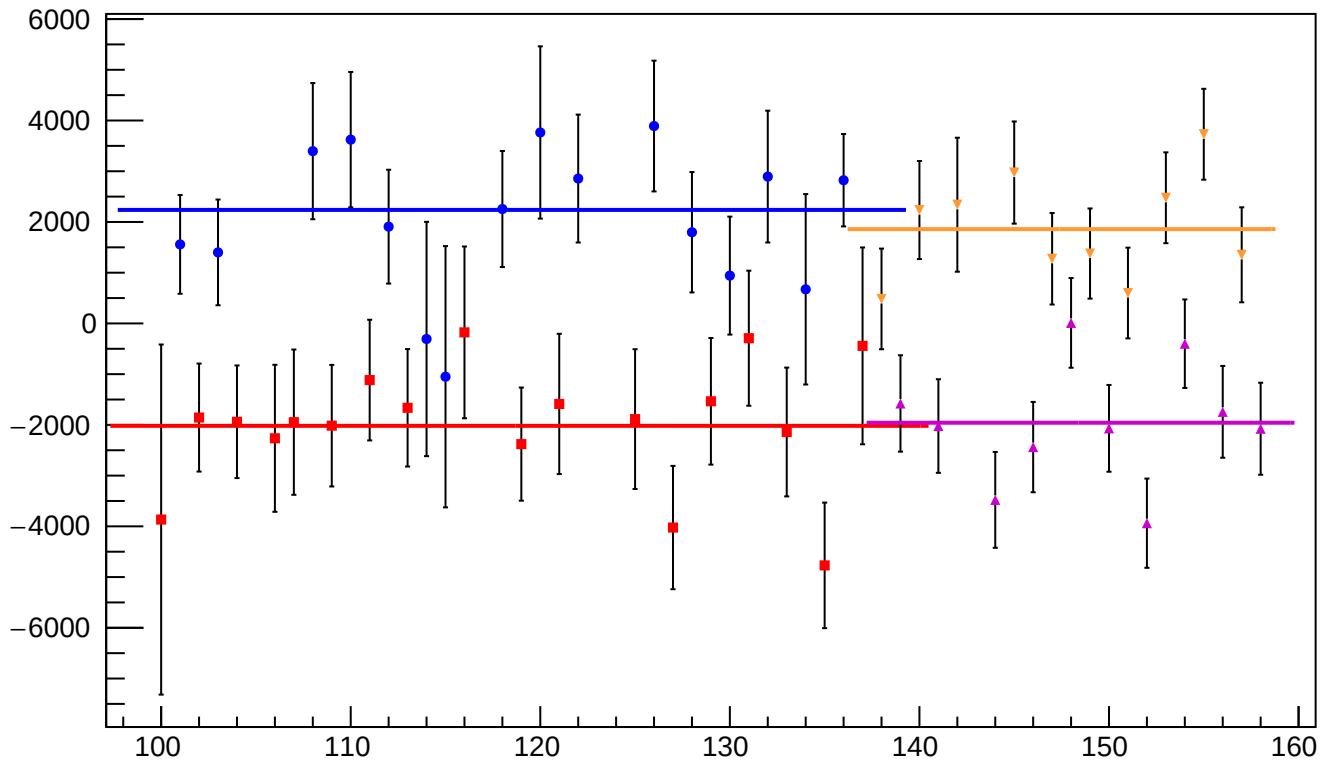


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1859.051+/-301.162

χ^2/NDF : 11.3/9

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

Left In: -1957.213+/-284.522

χ^2/NDF : 16.4/9

+ sign 2040.200+/-217.563

χ^2/NDF : 23.3/25

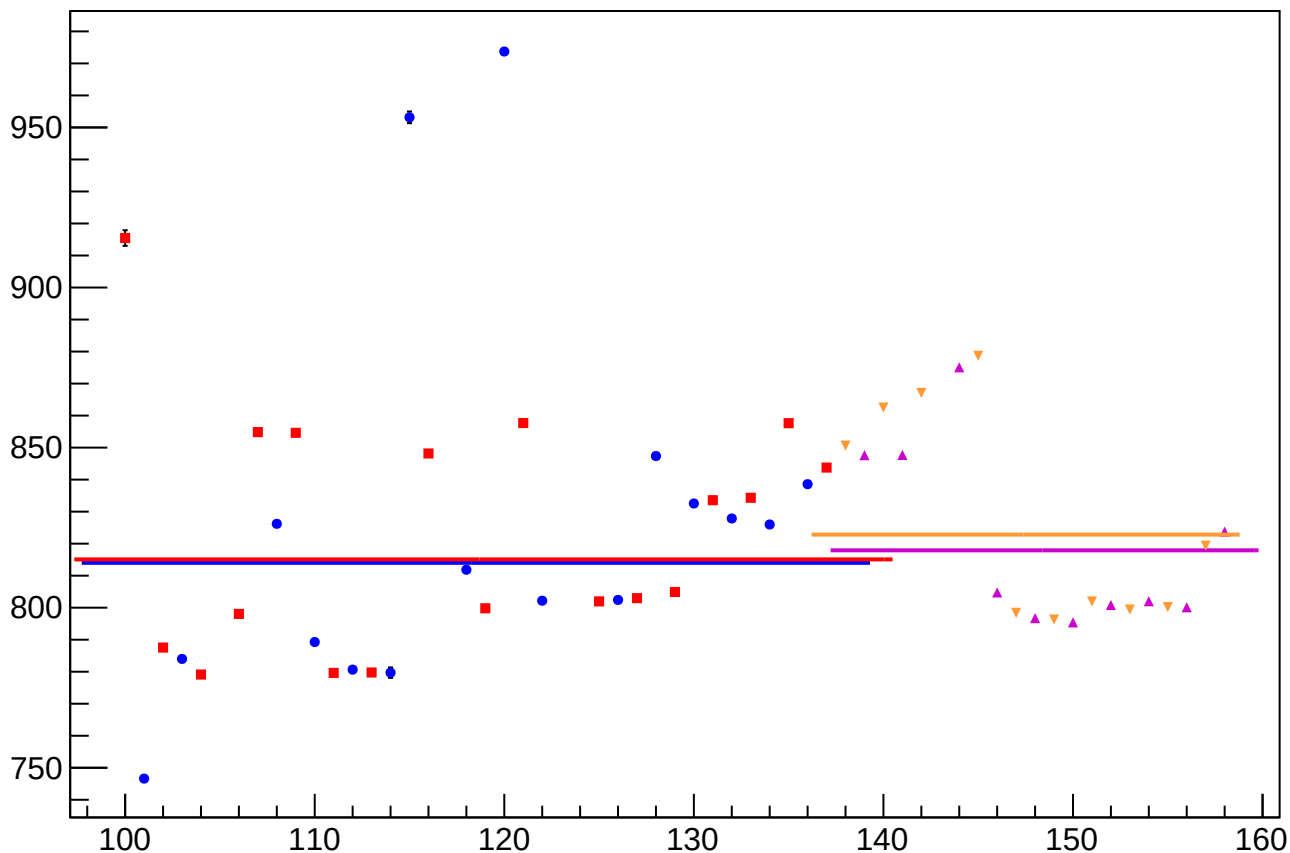
All: -52.366+/-150.762

χ^2/NDF : 230.3/53

- sign -1985.454+/-209.108

χ^2/NDF : 29.0/27

dit_asym_us_avg_rms vs Slug



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

Left Out: 822.828+/-0.213 χ^2/NDF : 20342.1/9

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

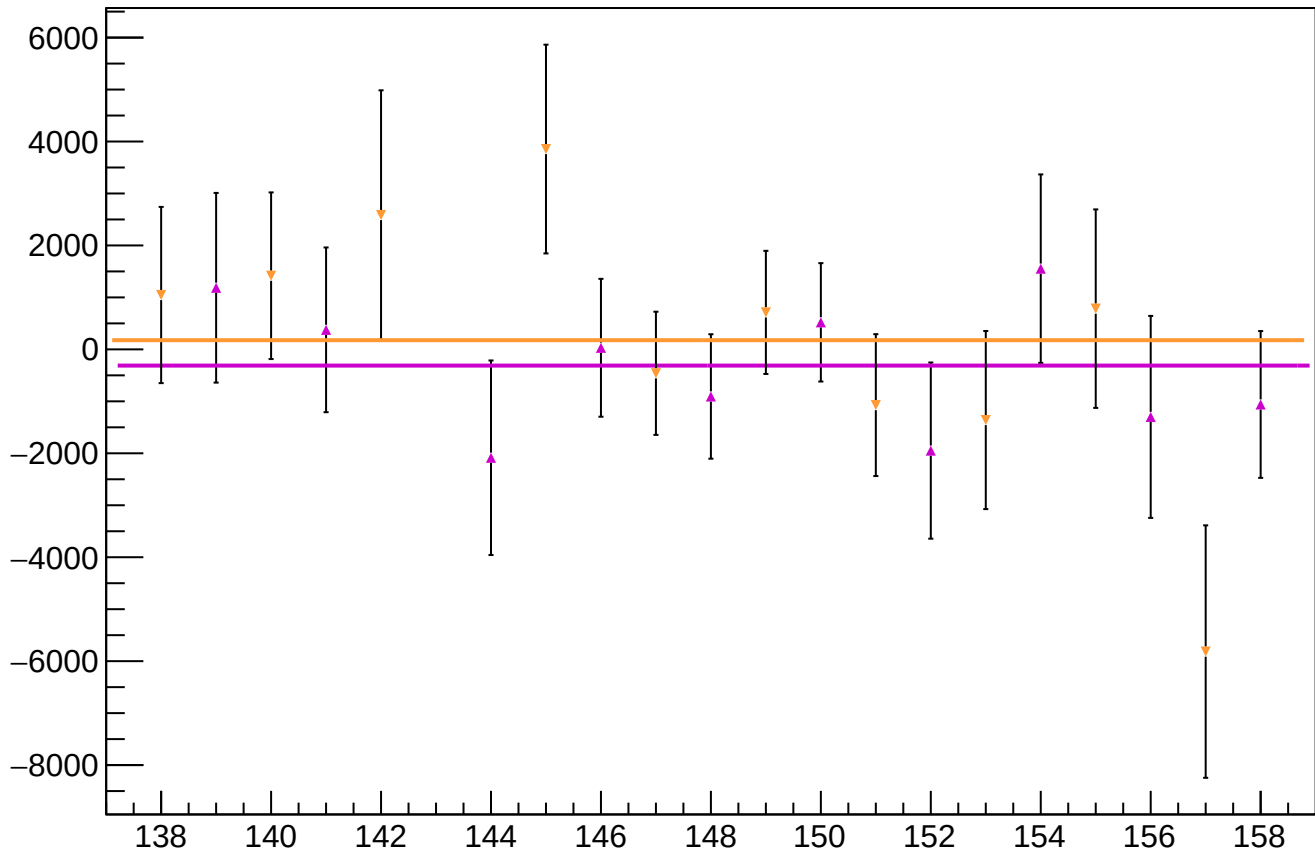
Left In: 817.917+/-0.201 χ^2/NDF : 16612.5/9

+ sign 818.617+/-0.154 χ^2/NDF : 63201.4/25

All: 817.576+/-0.107 χ^2/NDF : 99952.5/53

- sign 816.614+/-0.148 χ^2/NDF : 36662.9/27

asym_us_avg_correction_mean vs Slug



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

Left Out: 176.524+/-506.157 χ^2/NDF : 13.5/9

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

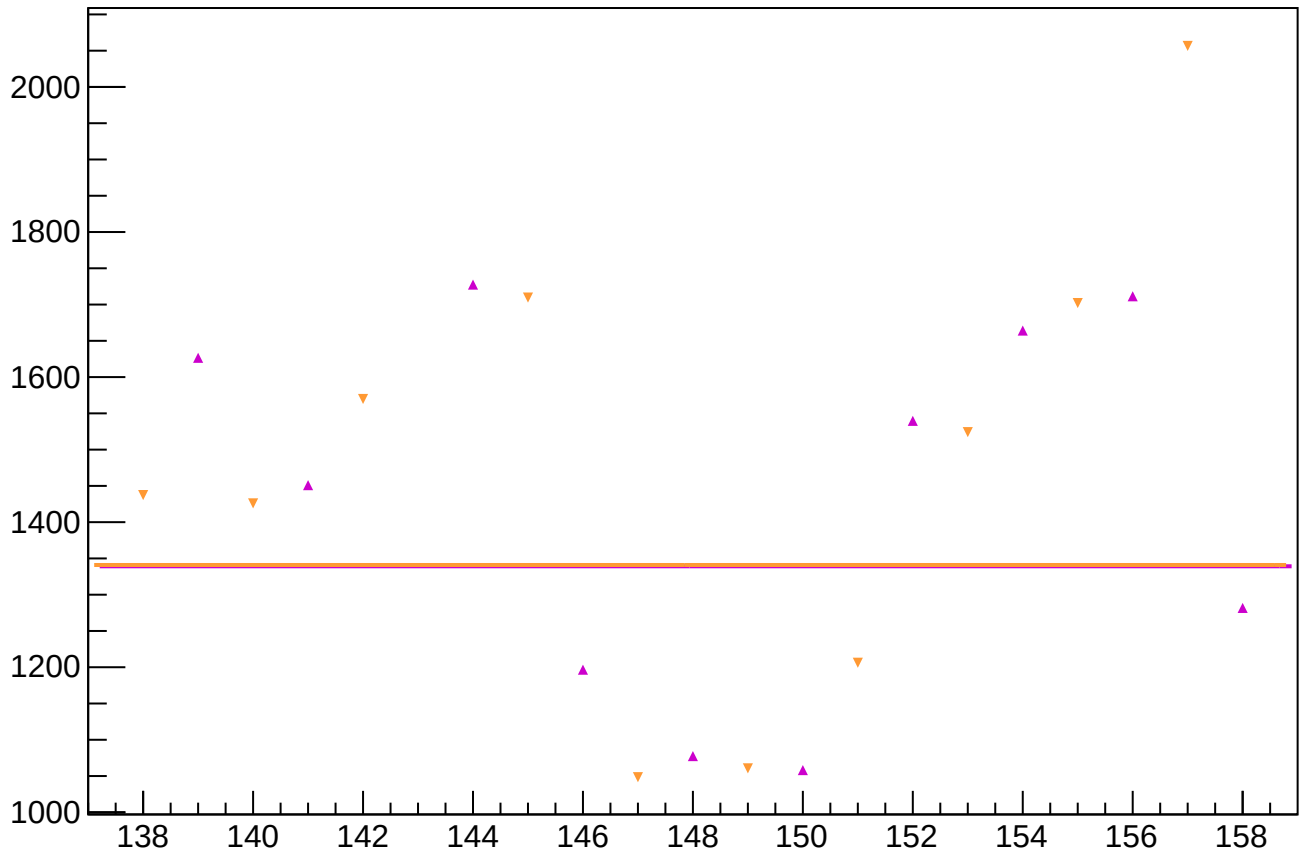
Left In: -312.027+/-474.699 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.404+/-346.250 χ^2/NDF : 19.2/19

- 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: 1340.956+/-0.358 χ^2/NDF : 618928.5/9

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

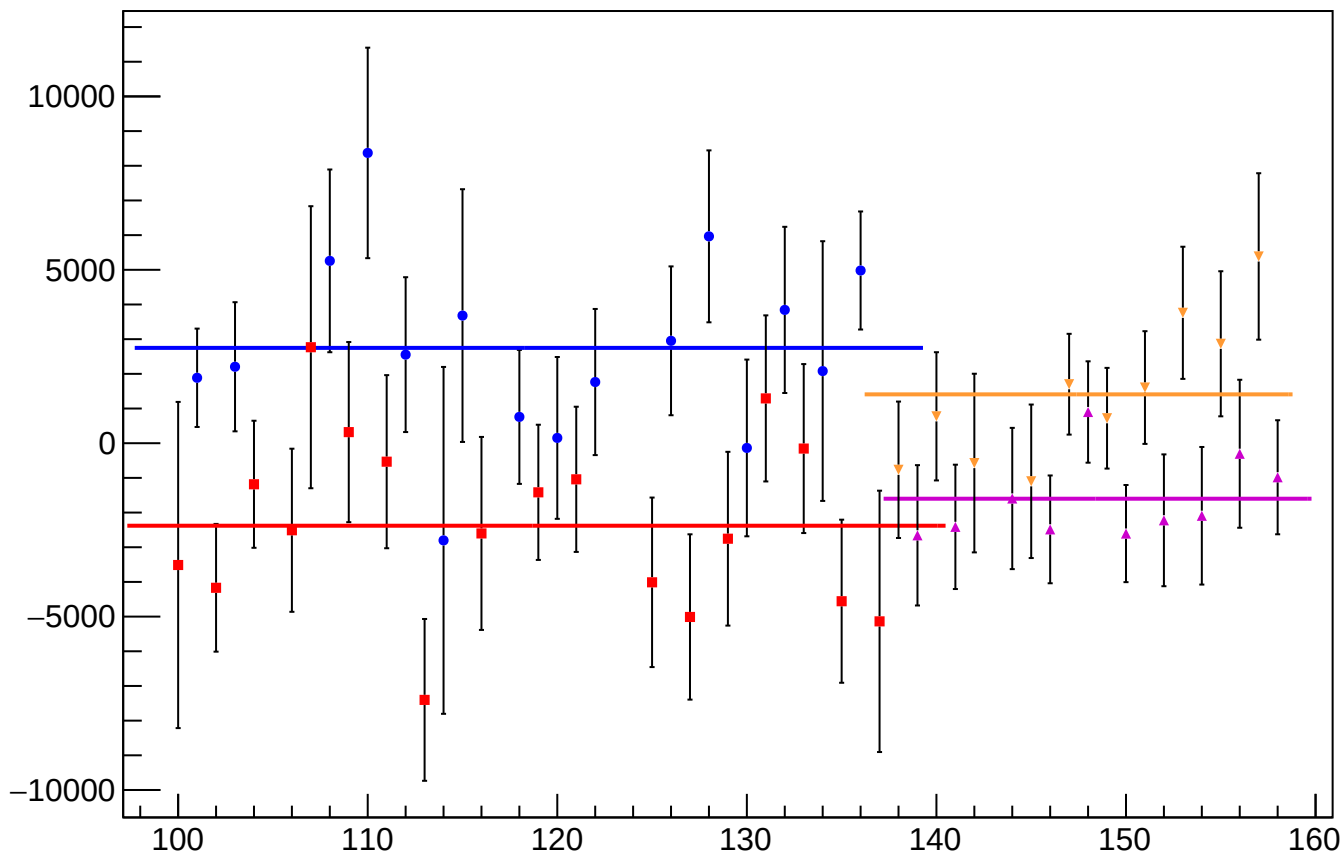
Left In: 1339.167+/-0.336 χ^2/NDF : 554793.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.004+/-0.245 χ^2/NDF : 1173735.7/19

- 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: 1408.586 $\pm$ 586.203 χ^2 /NDF: 8.2/9

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

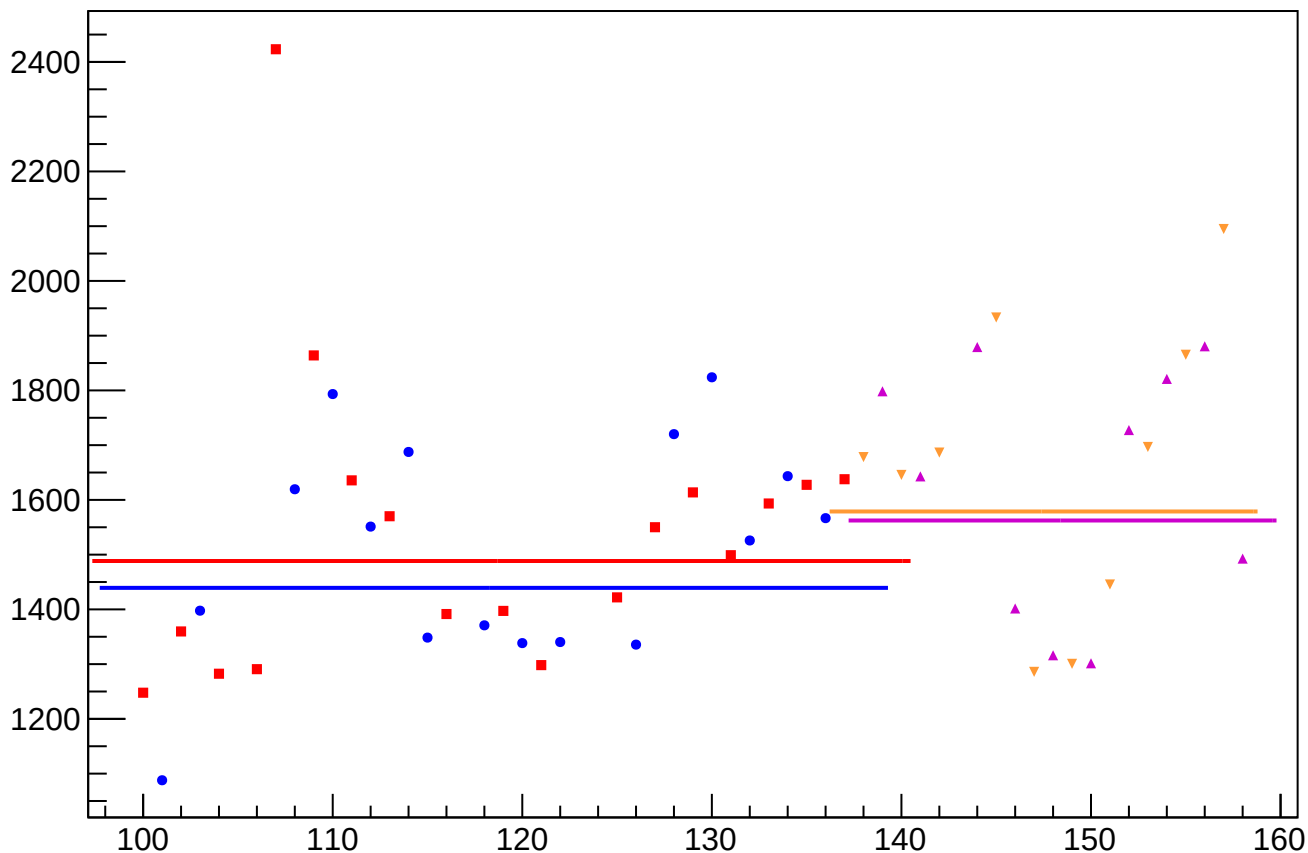
Left In: -1600.788 $\pm$ 549.753 χ^2 /NDF: 4.9/9

+ sign 2105.797 $\pm$ 406.035 χ^2 /NDF: 24.5/25

All: 10.111 $\pm$ 283.258 χ^2 /NDF: 98.5/53

- sign -1976.750 $\pm$ 395.352 χ^2 /NDF: 22.1/27

asym_us_avg_rms vs Slug



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

Left Out: 1578.854 $\pm$ 0.415 χ^2 /NDF: 368272.5/9

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

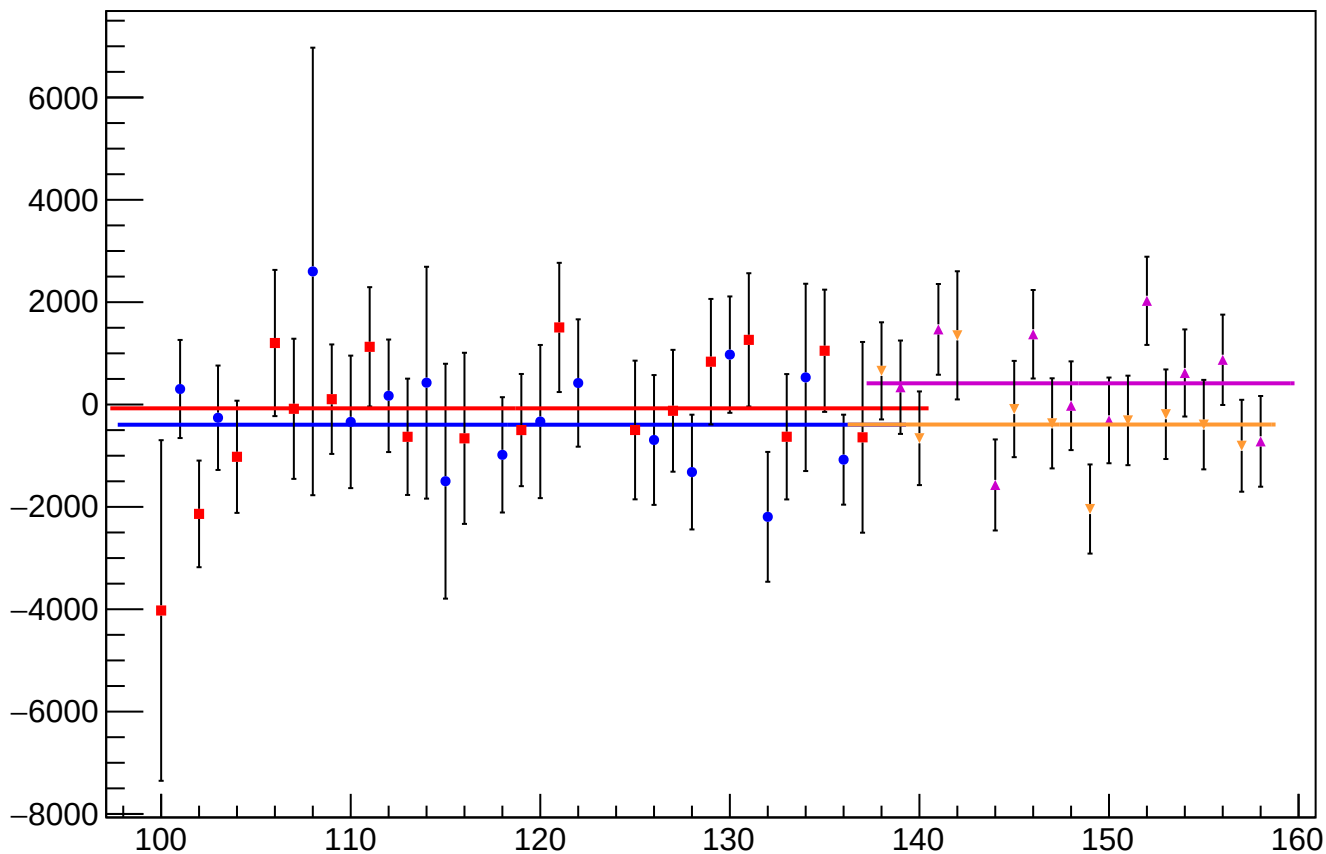
Left In: 1562.379 $\pm$ 0.389 χ^2 /NDF: 324327.5/9

+ sign 1506.270 $\pm$ 0.287 χ^2 /NDF: 705074.5/25

All: 1516.733 $\pm$ 0.200 χ^2 /NDF: 1305807.8/53

- sign 1526.652 $\pm$ 0.280 χ^2 /NDF: 598146.4/27

dit_asym_us_dd_mean vs Slug



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

Left Out: -390.555+/-290.577 χ^2/NDF : 7.2/9

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

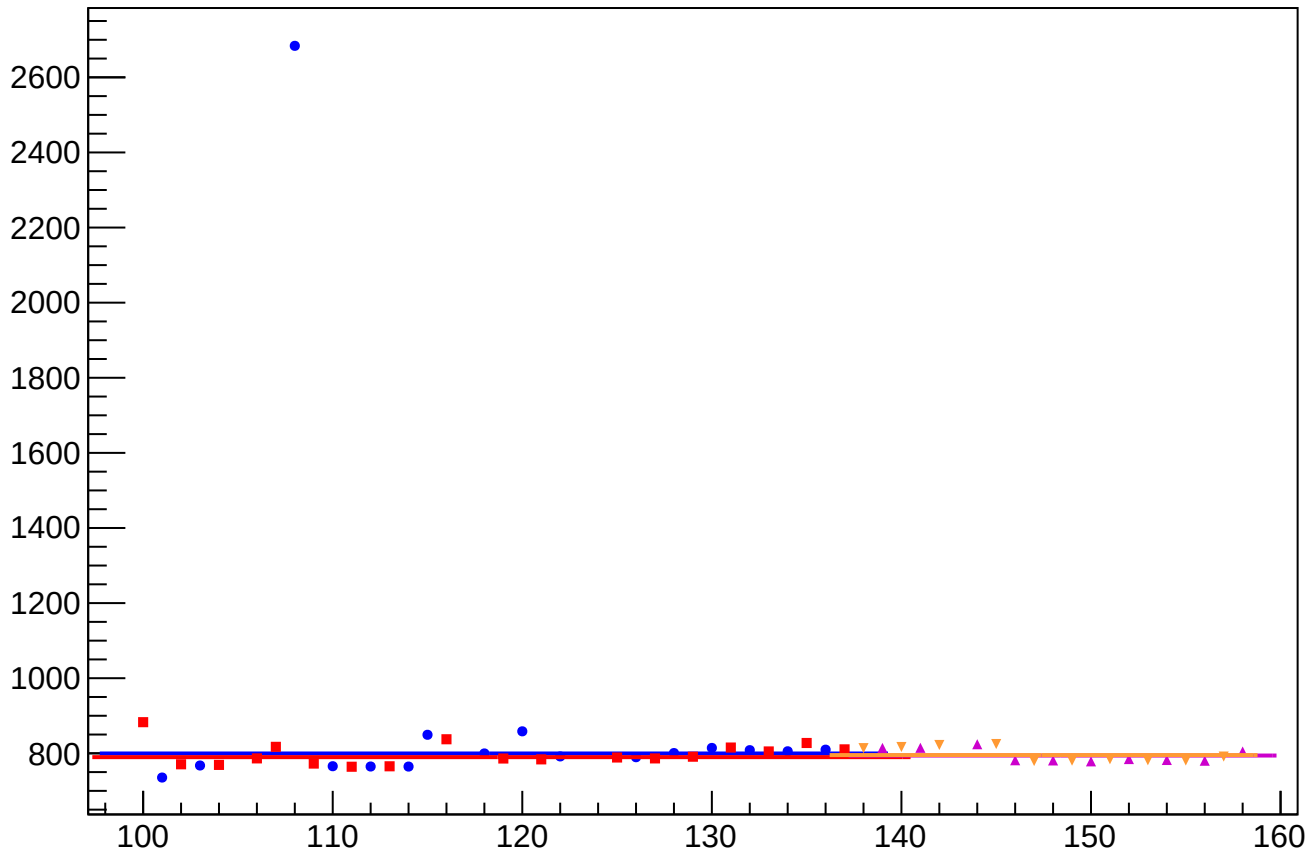
Left In: 414.624+/-276.117 χ^2/NDF : 14.1/9

+ sign -392.317+/-213.010 χ^2/NDF : 14.6/25

All: -87.145+/-146.826 χ^2/NDF : 47.0/53

- sign 189.101+/-202.664 χ^2/NDF : 28.5/27

dit_asym_us_dd_rms vs Slug



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

Left Out: 795.310 $\pm$ 0.205 χ^2 /NDF: 7387.0/9

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

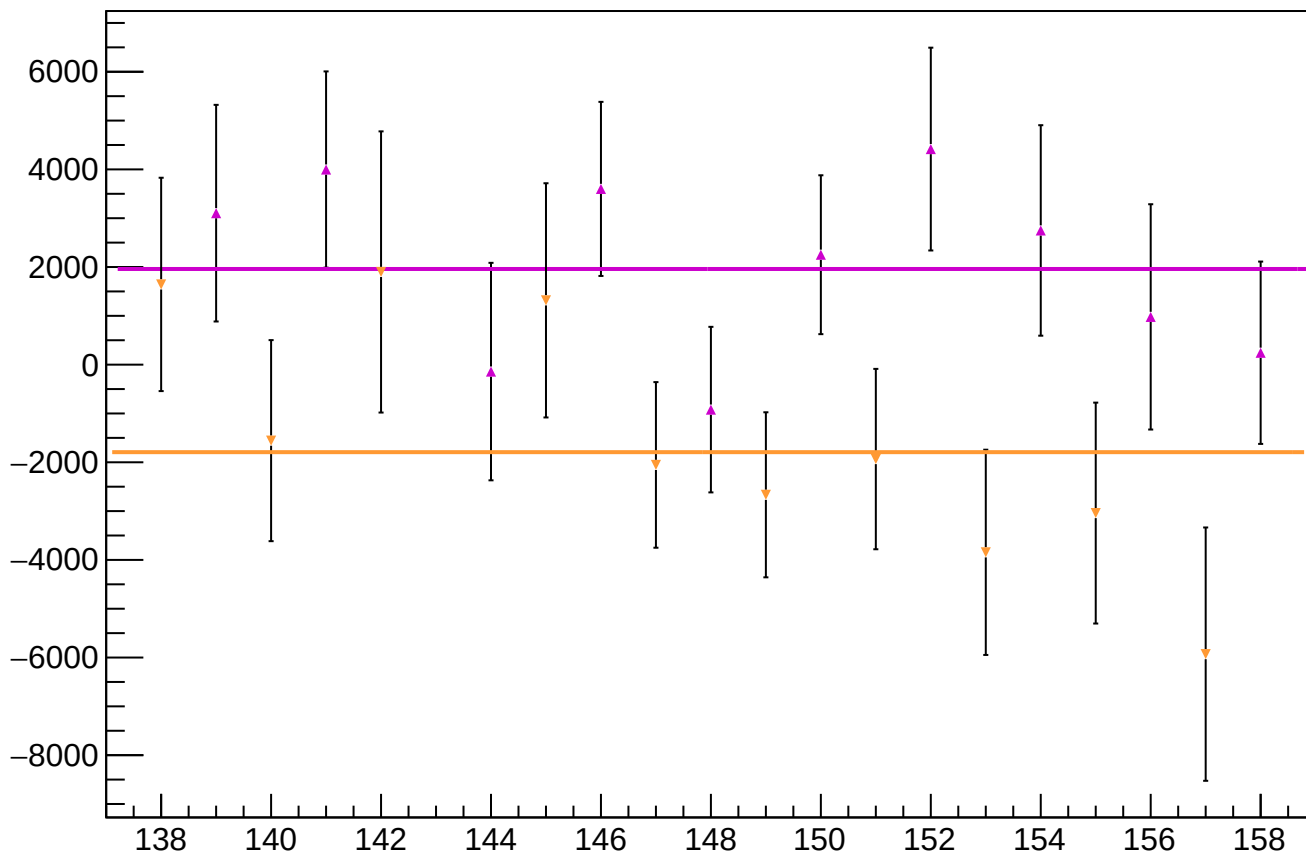
Left In: 794.078 $\pm$ 0.195 χ^2 /NDF: 7321.0/9

+ sign 797.266 $\pm$ 0.151 χ^2 /NDF: 398768.6/25

All: 794.555 $\pm$ 0.104 χ^2 /NDF: 418103.6/53

- sign 792.102 $\pm$ 0.143 χ^2 /NDF: 18718.0/27

asym_us_dd_correction_mean vs Slug



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

Left Out: -1792.566+/-659.372 χ^2/NDF : 9.9/9

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

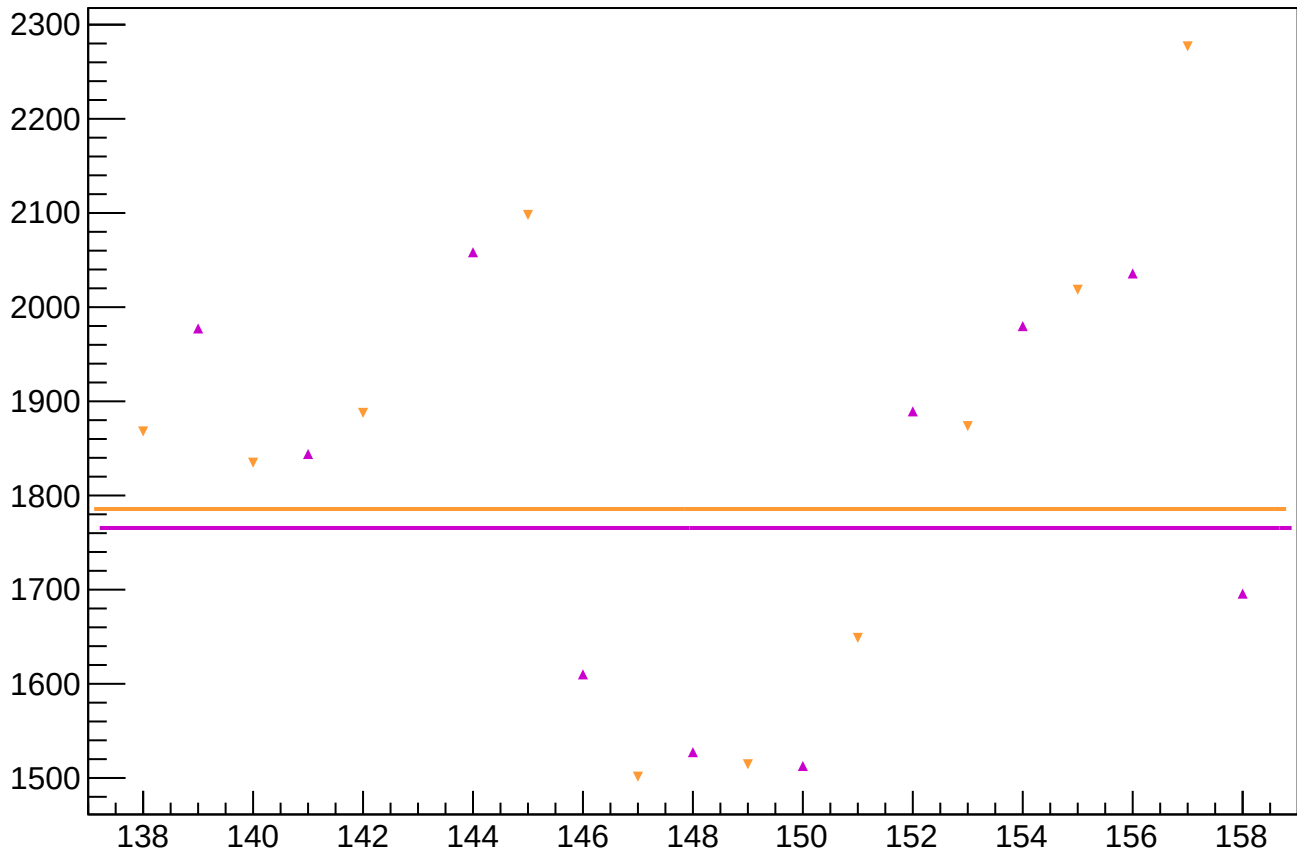
Left In: 1959.923+/-618.590 χ^2/NDF : 8.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.304+/-451.138 χ^2/NDF : 35.6/19

- 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: 1785.653+/-0.466 χ^2/NDF : 255327.6/9

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

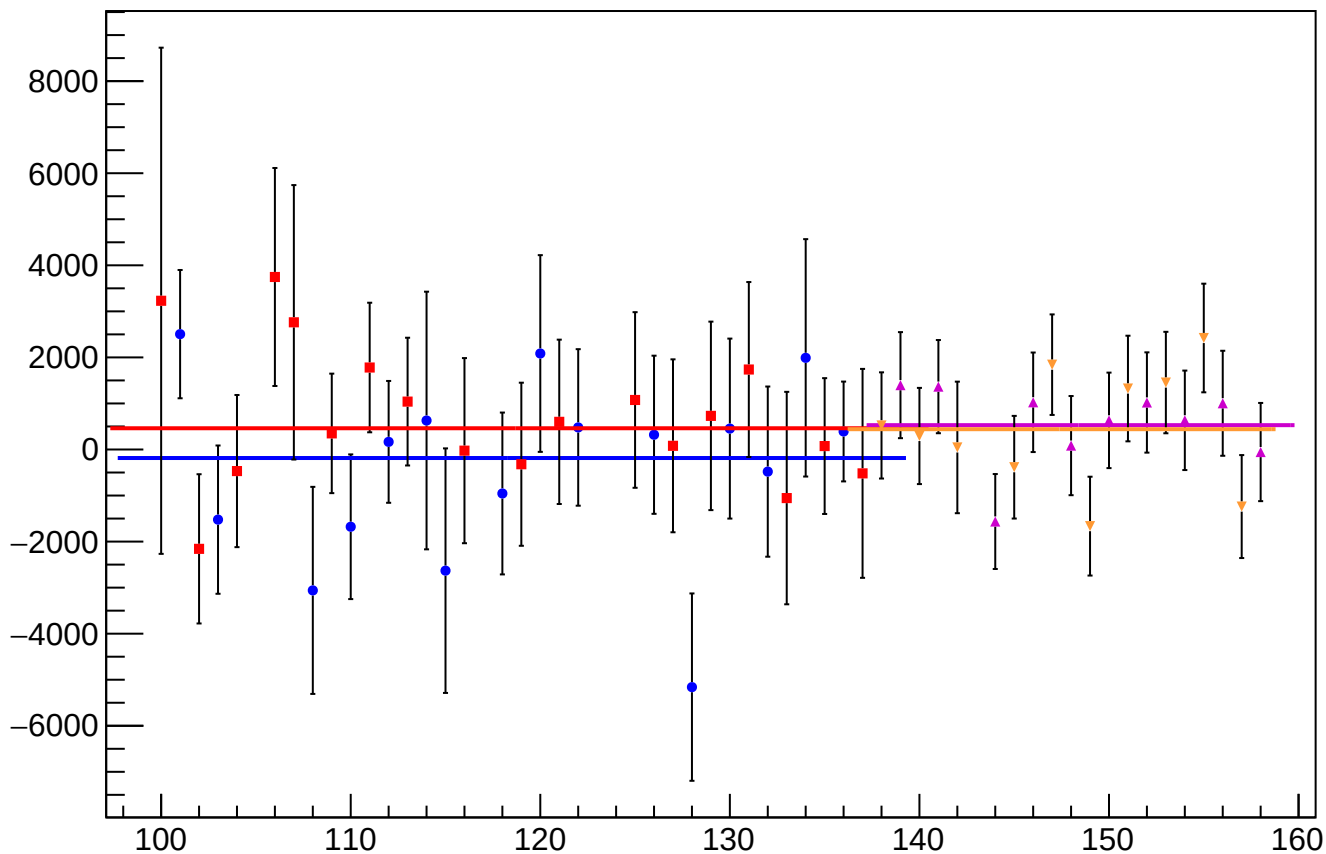
Left In: 1765.495+/-0.437 χ^2/NDF : 215824.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1774.932+/-0.319 χ^2/NDF : 472146.7/19

- 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: 441.016 ± 358.676 χ^2/NDF : 12.7/9

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

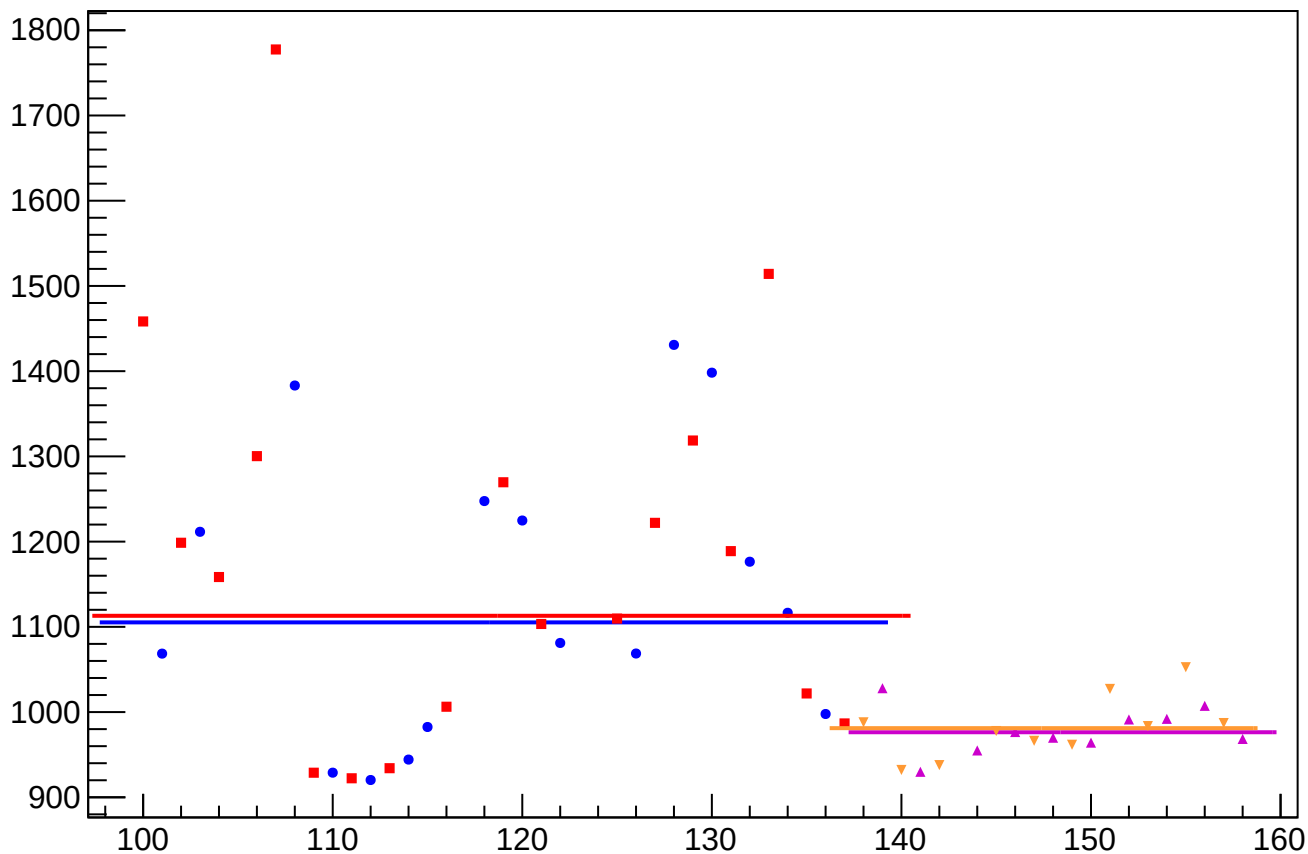
Left In: 528.553 ± 339.633 χ^2/NDF : 6.5/9

+ sign 185.191 ± 275.826 χ^2/NDF : 30.5/25

All: 349.709 ± 191.390 χ^2/NDF : 46.0/53

- sign 502.469 ± 265.786 χ^2/NDF : 14.8/27

asym_us_dd_rms vs Slug



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

Left Out: 981.138 ± 0.254 χ^2/NDF : 18005.1/9

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

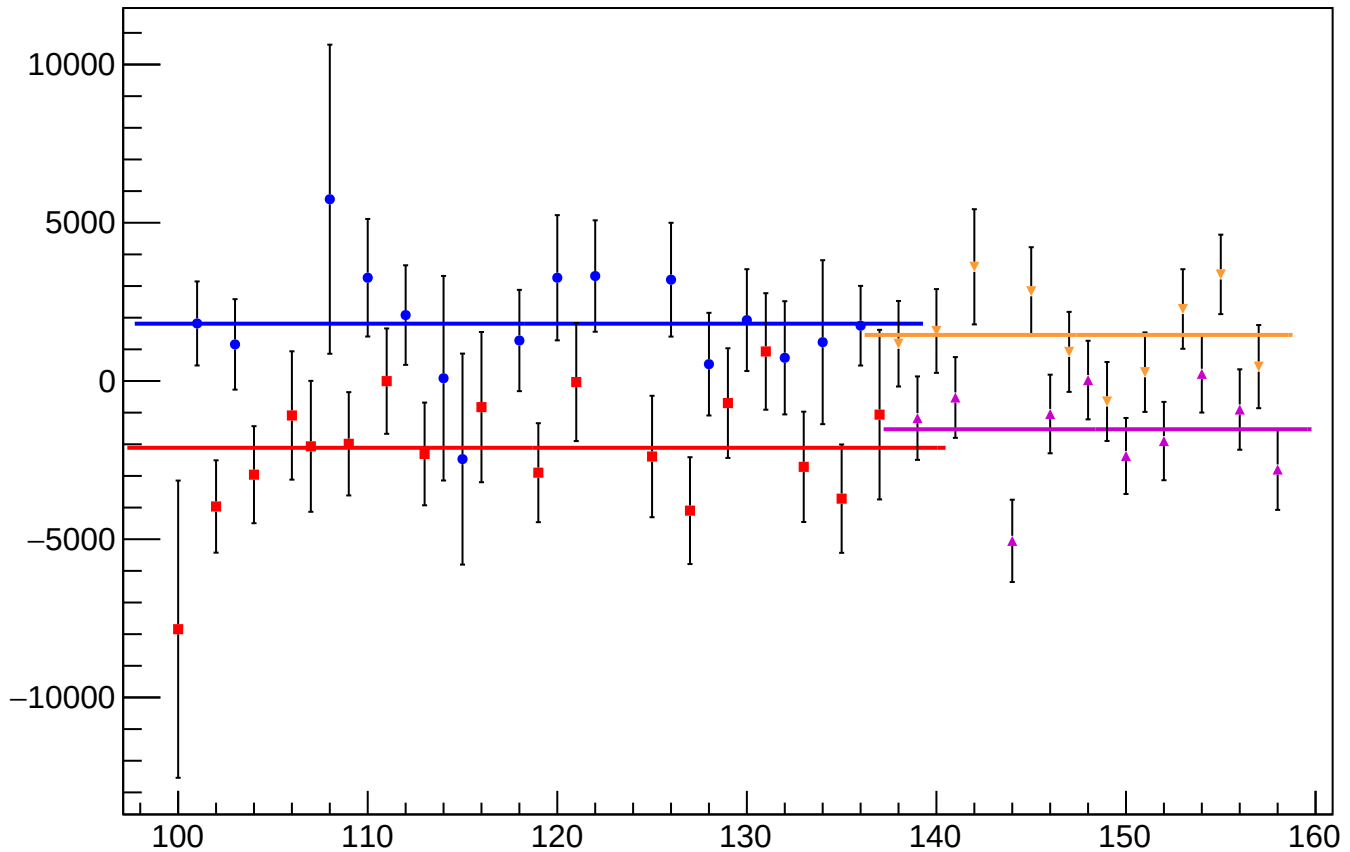
Left In: 976.341 ± 0.240 χ^2/NDF : 11824.9/9

+ sign 1031.847 ± 0.195 χ^2/NDF : 371200.7/25

All: 1030.525 ± 0.135 χ^2/NDF : 871566.0/53

- sign 1029.298 ± 0.188 χ^2/NDF : 500276.8/27

dit_asym_usl_mean vs Slug



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

Left Out: 1455.330 $\pm$ 419.428 χ^2 /NDF: 9.7/9

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

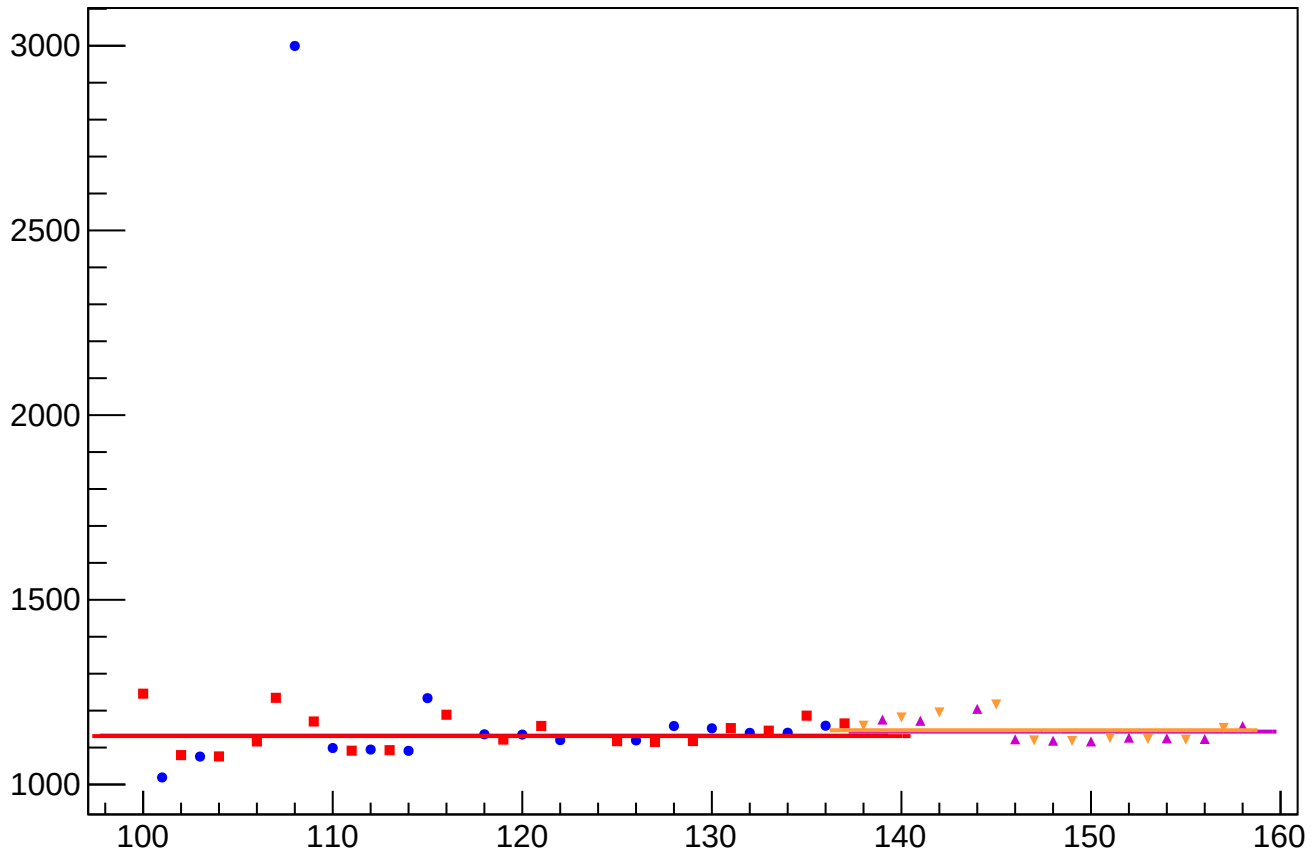
Left In: -1525.487 $\pm$ 397.589 χ^2 /NDF: 13.6/9

+ sign 1623.821 $\pm$ 304.294 χ^2 /NDF: 16.5/25

All: -161.767 $\pm$ 210.384 χ^2 /NDF: 110.1/53

- sign -1796.927 $\pm$ 291.194 χ^2 /NDF: 27.7/27

dit_asym_usl_rms vs Slug



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

Left Out: 1146.914 $\pm$ 0.297 χ^2 /NDF:12134.0/9

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

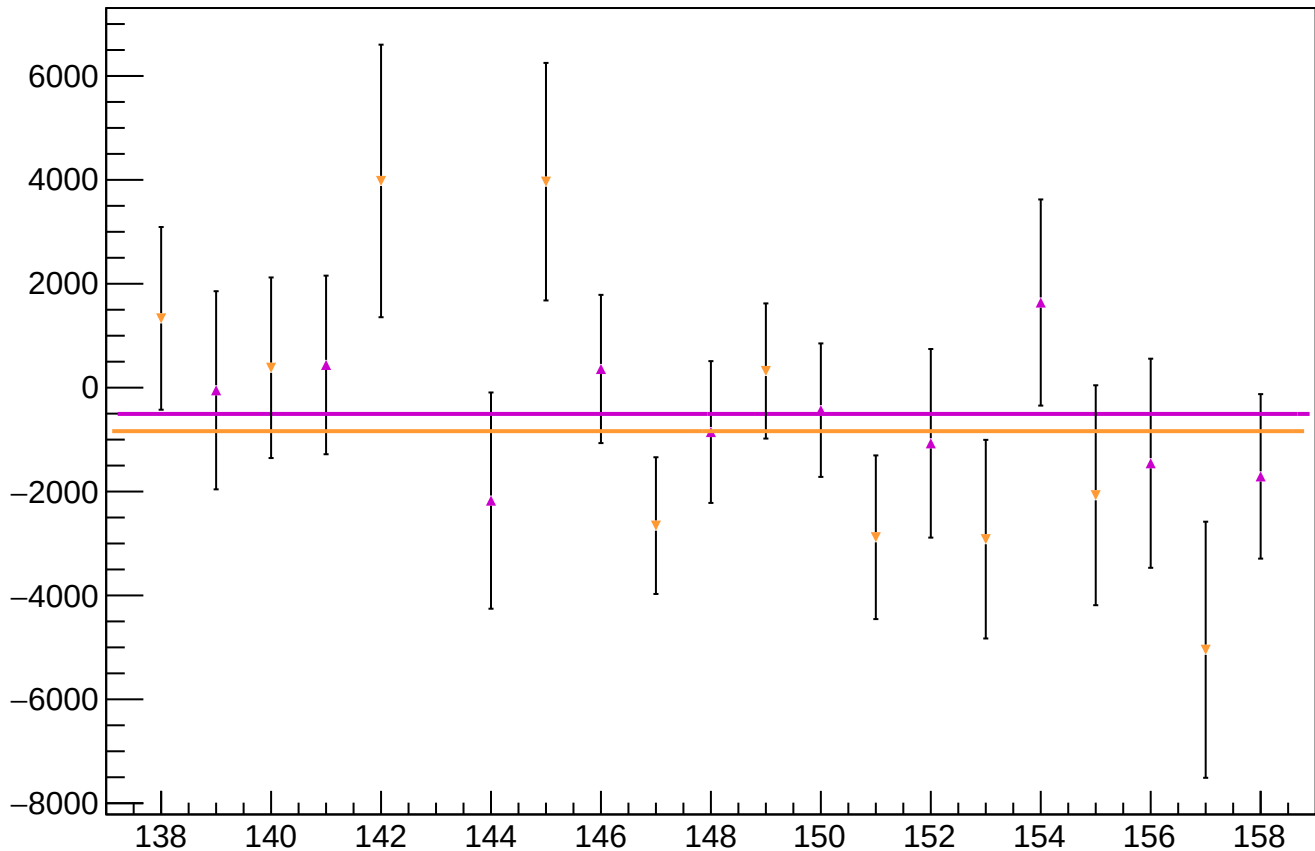
Left In: 1143.185 $\pm$ 0.281 χ^2 /NDF:10661.5/9

+ sign 1139.885 $\pm$ 0.215 χ^2 /NDF: 329346.2/25

All: 1138.663 $\pm$ 0.149 χ^2 /NDF: 360657.1/53

- sign 1137.544 $\pm$ 0.206 χ^2 /NDF: 31249.1/27

asym_usl_correction_mean vs Slug



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

Left Out: -837.605+/-556.993 χ^2/NDF :18.6/9

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

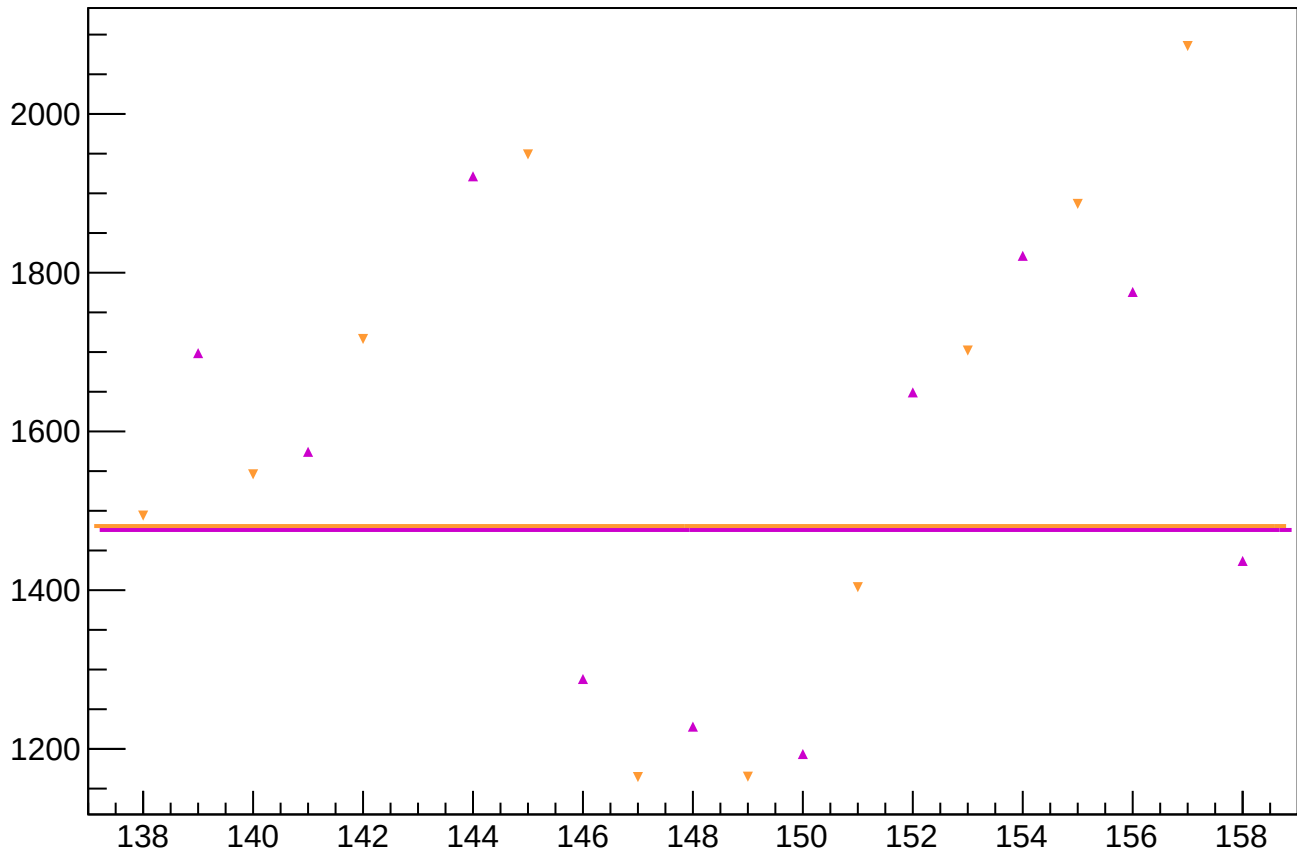
Left In: -505.735+/-521.207 χ^2/NDF :3.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.668+/-380.572 χ^2/NDF : 22.3/19

- 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: 1480.791+/-0.394 χ^2/NDF : 561742.6/9

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

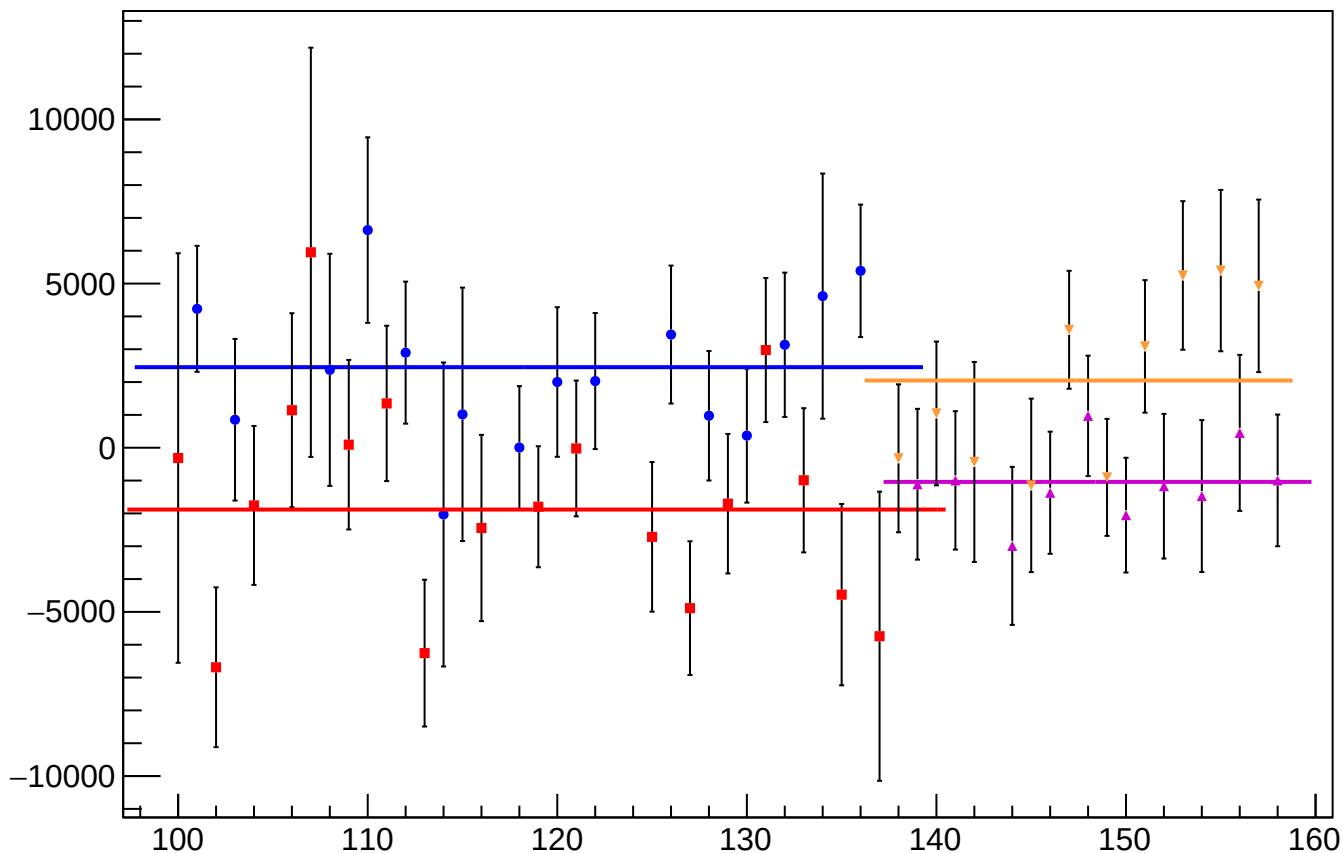
Left In: 1475.864+/-0.369 χ^2/NDF : 447086.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1478.164+/-0.269 χ^2/NDF : 1008912.6/19

- 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: 2048.018 $\pm$ 701.340 χ^2 /NDF:12.2/9

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

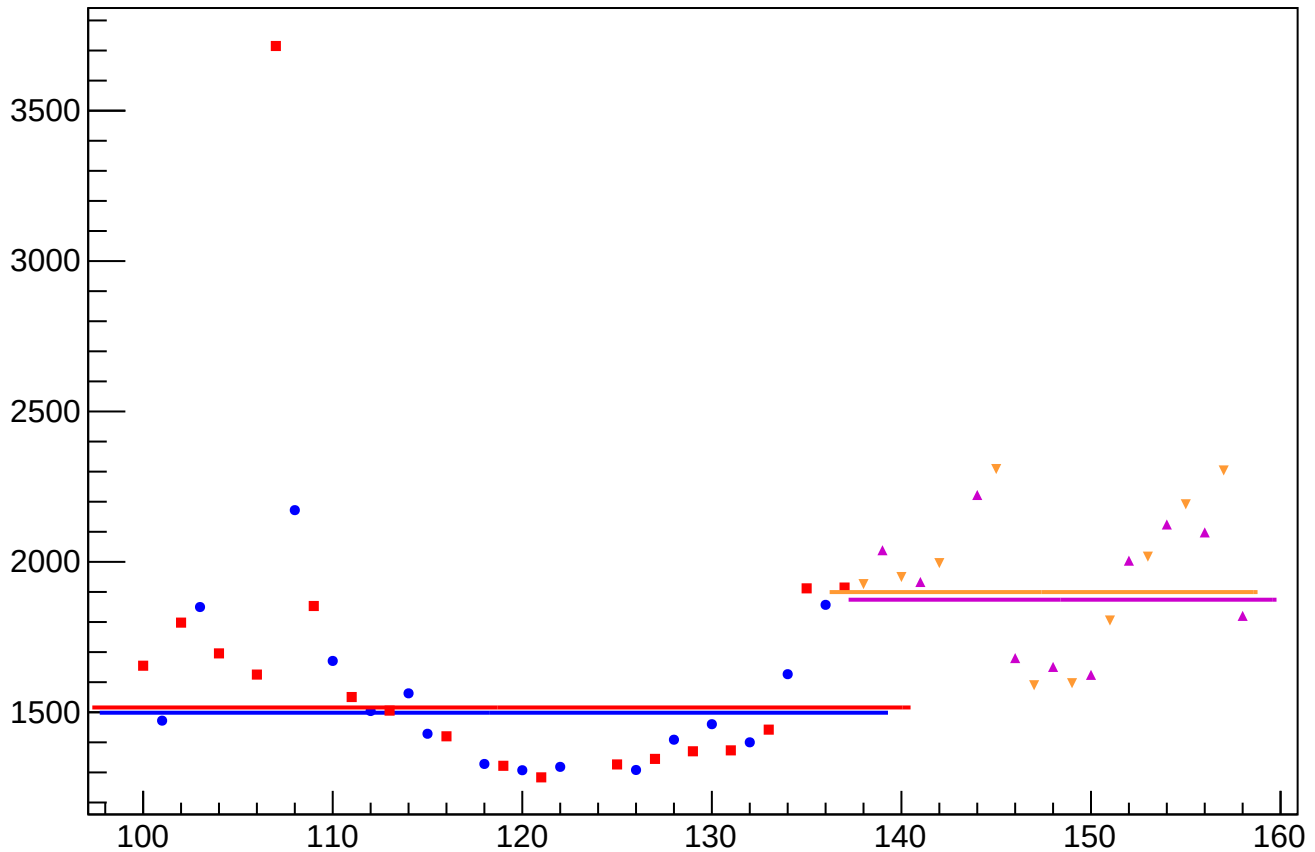
Left In: -1040.483 $\pm$ 656.509 χ^2 /NDF:2.7/9

+ sign 2287.468 $\pm$ 448.922 χ^2 /NDF: 23.2/25

All: 332.663 $\pm$ 312.769 χ^2 /NDF: 86.4/53

- sign -1511.260 $\pm$ 436.004 χ^2 /NDF: 26.3/27

asym_usl_rms vs Slug



Right In: 1498.485 $\pm$ 0.413 χ^2 /NDF: 258807.5/15

Left Out: 1899.564 $\pm$ 0.496 χ^2 /NDF: 253929.1/9

Right Out: 1515.949 $\pm$ 0.412 χ^2 /NDF: 480541.4/17

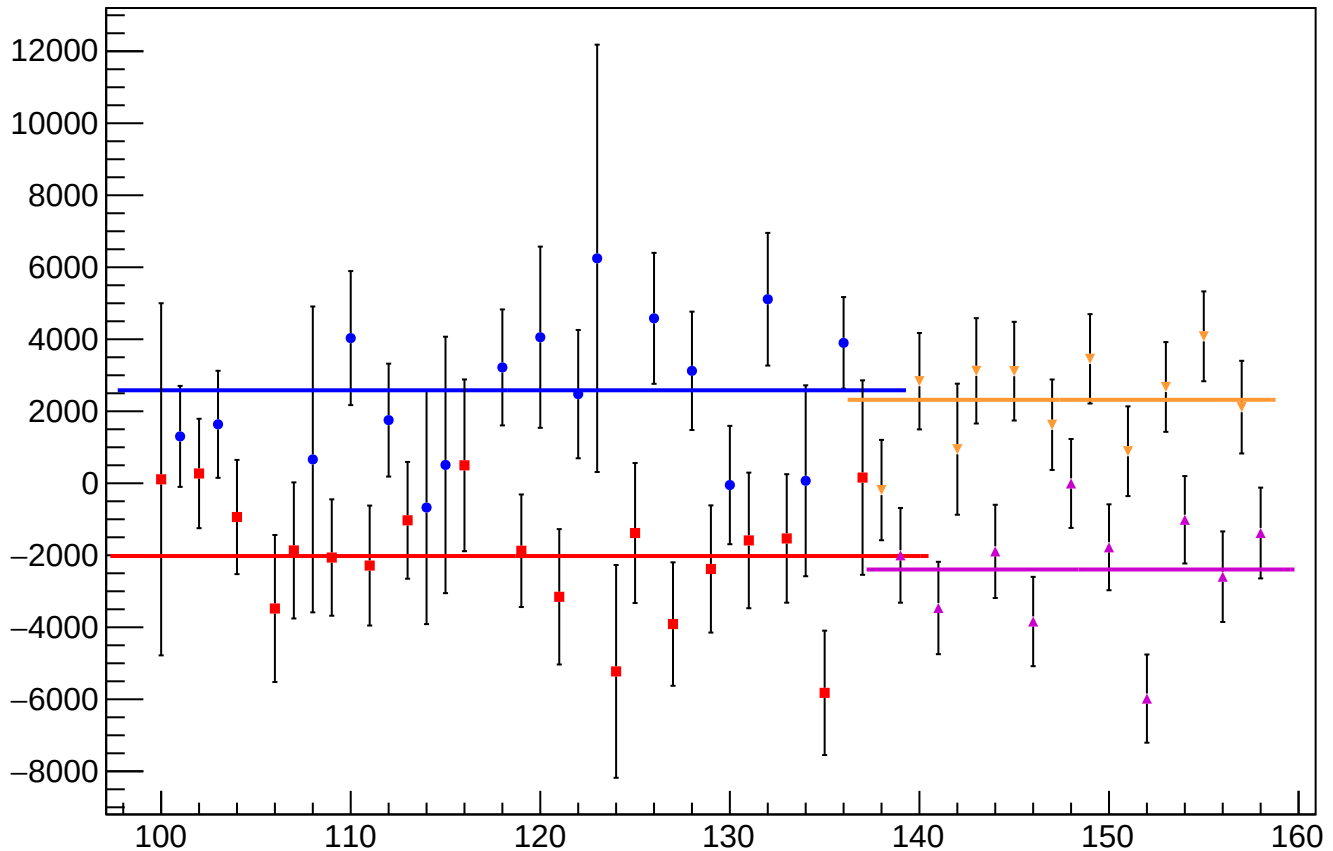
Left In: 1874.193 $\pm$ 0.464 χ^2 /NDF: 195534.8/9

+ sign 1662.814 $\pm$ 0.317 χ^2 /NDF: 898830.2/25

All: 1668.548 $\pm$ 0.221 χ^2 /NDF: 1908406.9/53

- sign 1673.956 $\pm$ 0.308 χ^2 /NDF: 1008942.7/27

dit_asym_usr_mean vs Slug



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

Left Out: 2319.098 ± 401.926 χ^2/NDF : 9.2/10

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

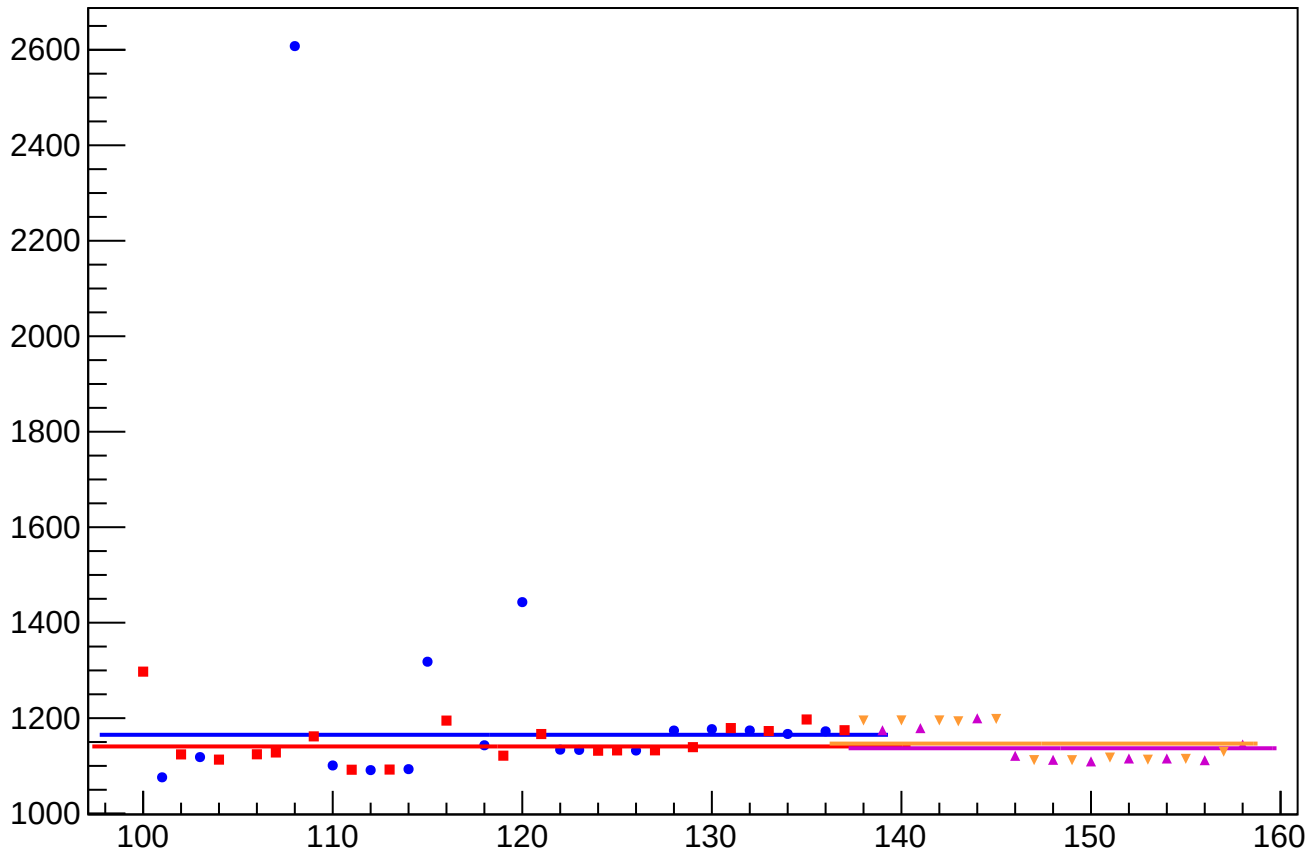
Left In: -2395.079 ± 395.413 χ^2/NDF : 16.8/9

+ sign 2435.278 ± 300.704 χ^2/NDF : 21.6/27

All: 22.577 ± 208.760 χ^2/NDF : 176.7/56

- sign -2222.157 ± 290.048 χ^2/NDF : 30.7/28

dit_asym_usr_rms vs Slug



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

Left Out: 1146.719 $\pm$ 0.284 χ^2 /NDF:18652.1/10

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

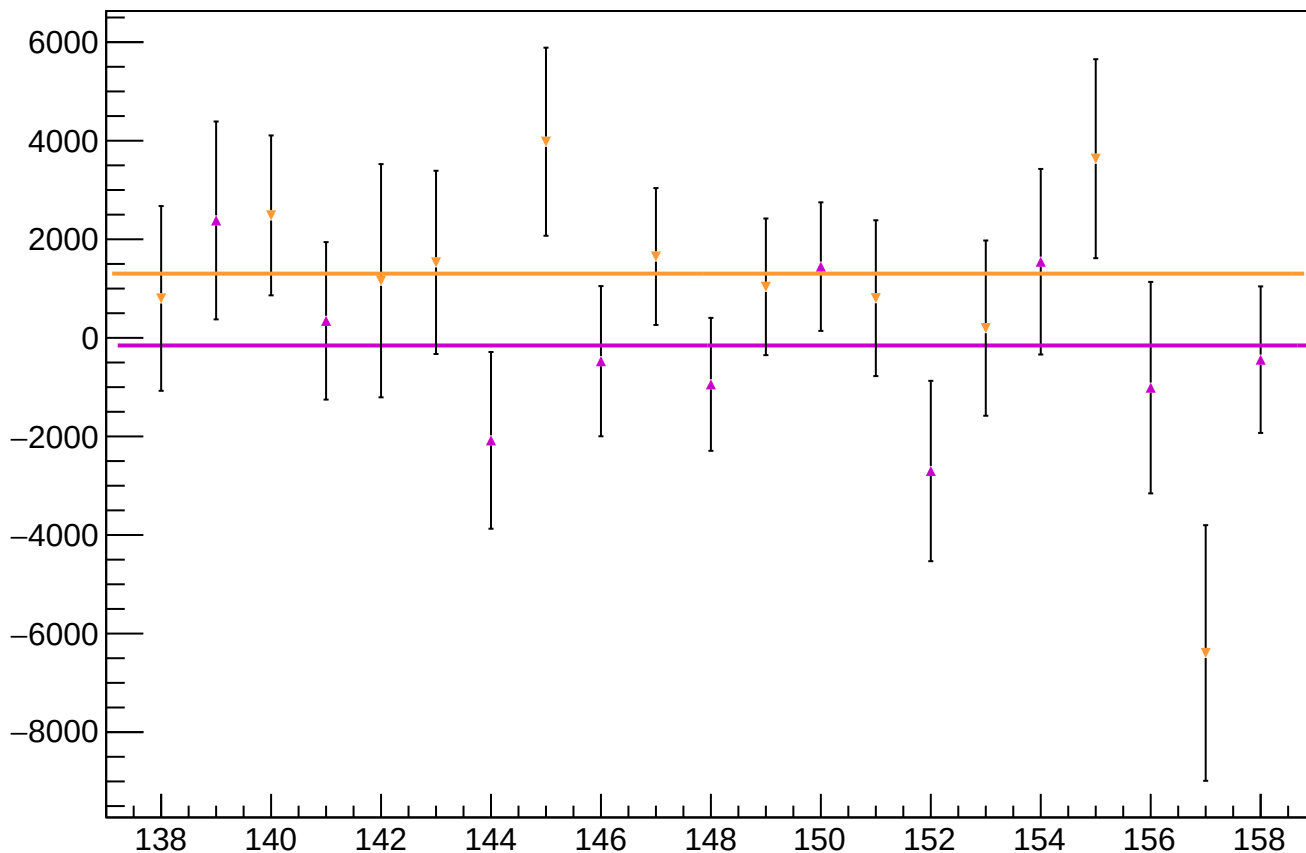
Left In: 1136.947 $\pm$ 0.280 χ^2 /NDF:12759.7/9

+ sign 1154.832 $\pm$ 0.213 χ^2 /NDF: 299073.0/27

All: 1146.478 $\pm$ 0.148 χ^2 /NDF: 327615.9/56

- sign 1138.705 $\pm$ 0.205 χ^2 /NDF: 25562.8/28

asym_usr_correction_mean vs Slug



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

Left Out: 1303.517+/-530.195 χ^2/NDF : 13.3/10

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

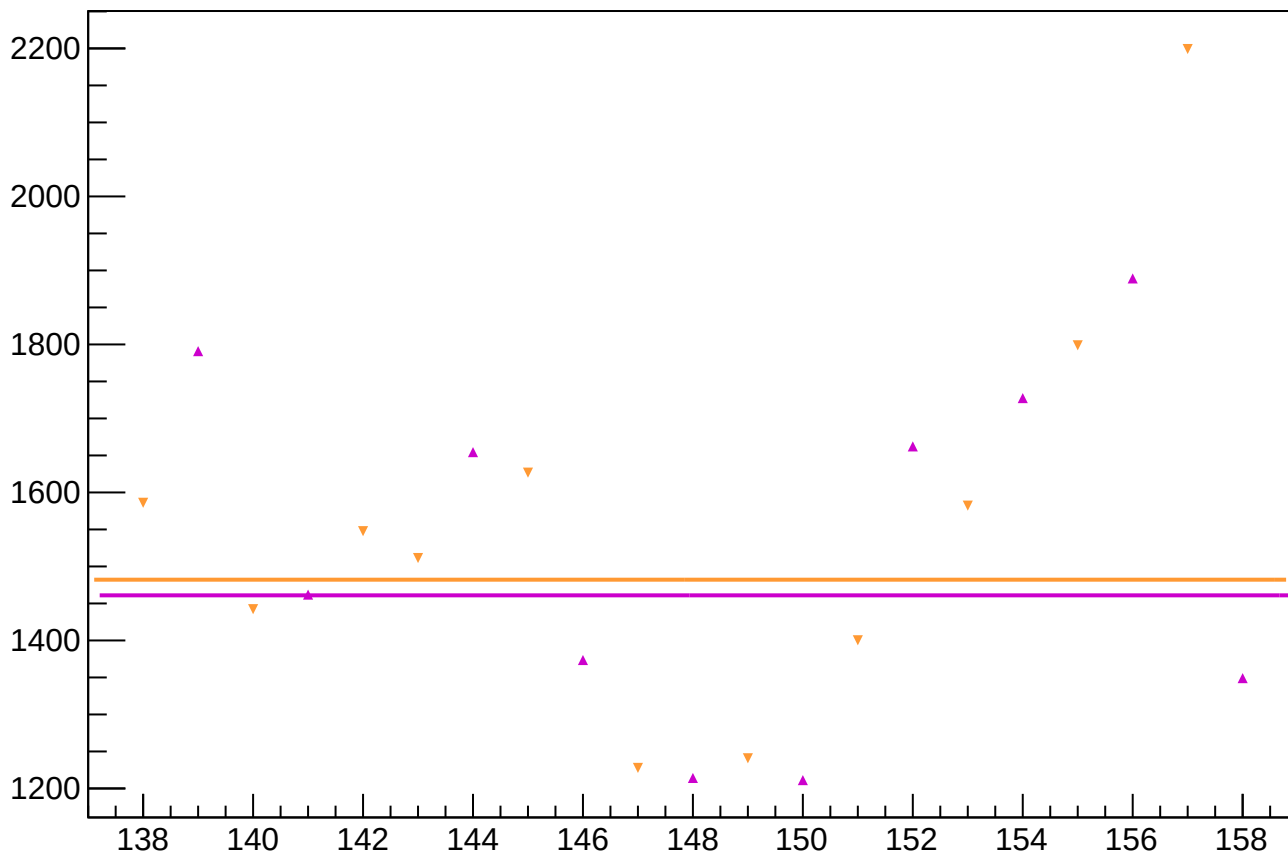
Left In: -154.634+/-515.014 χ^2/NDF : 7.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.268+/-369.420 χ^2/NDF : 24.9/20

- 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: 1482.116+/-0.375 χ^2/NDF : 362460.4/10

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

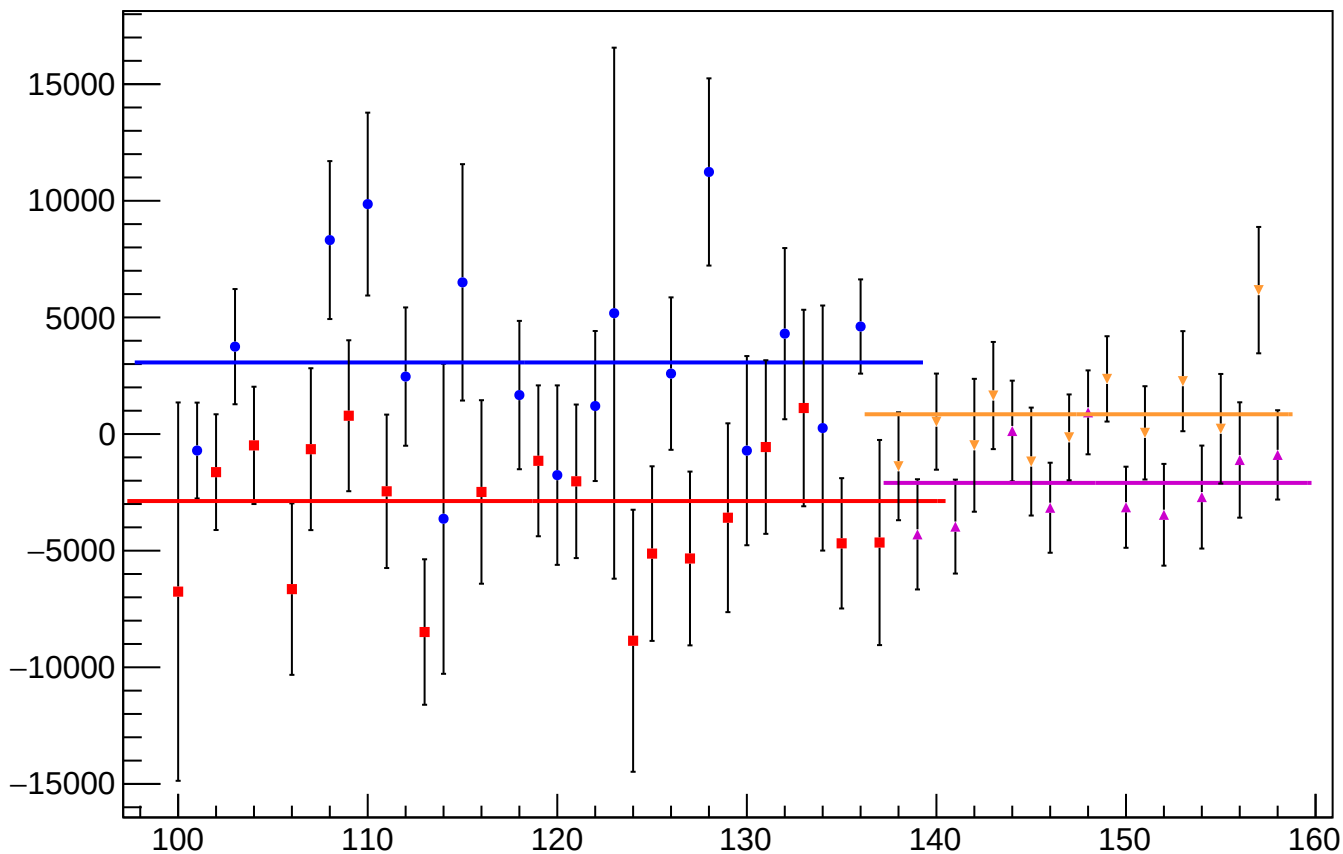
Left In: 1460.962+/-0.364 χ^2/NDF : 379456.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1471.232+/-0.261 χ^2/NDF : 743555.0/20

- 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: 848.195 $\pm$ 659.192 χ^2 /NDF: 7.6/10

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

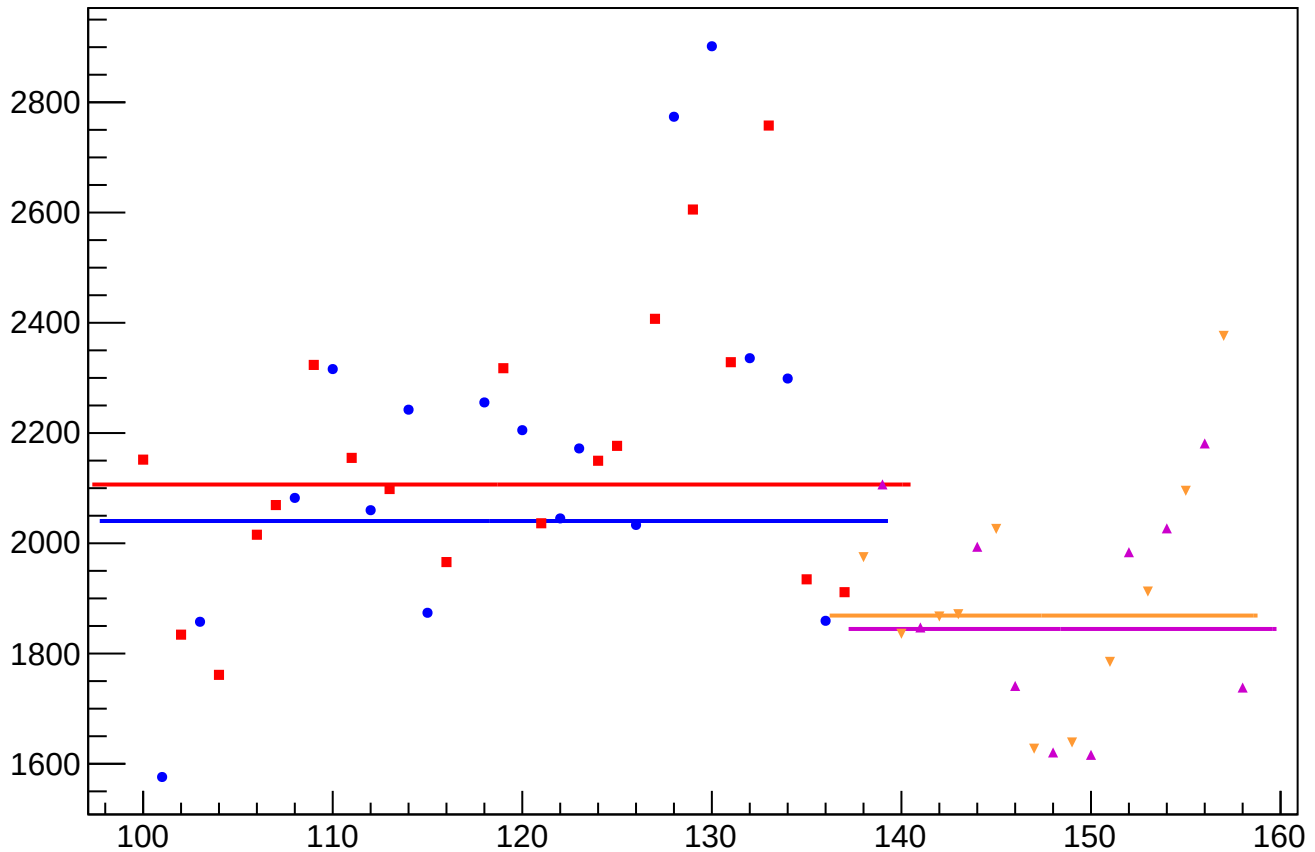
Left In: -2094.250 $\pm$ 645.428 χ^2 /NDF: 7.3/9

+ sign 1749.496 $\pm$ 508.153 χ^2 /NDF: 30.7/27

All: -355.628 $\pm$ 356.824 χ^2 /NDF: 84.0/56

- sign -2403.306 $\pm$ 501.171 χ^2 /NDF: 19.5/28

asym_usr_rms vs Slug



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

Left Out: 1868.902+/-0.466 χ^2/NDF : 173178.2/10

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

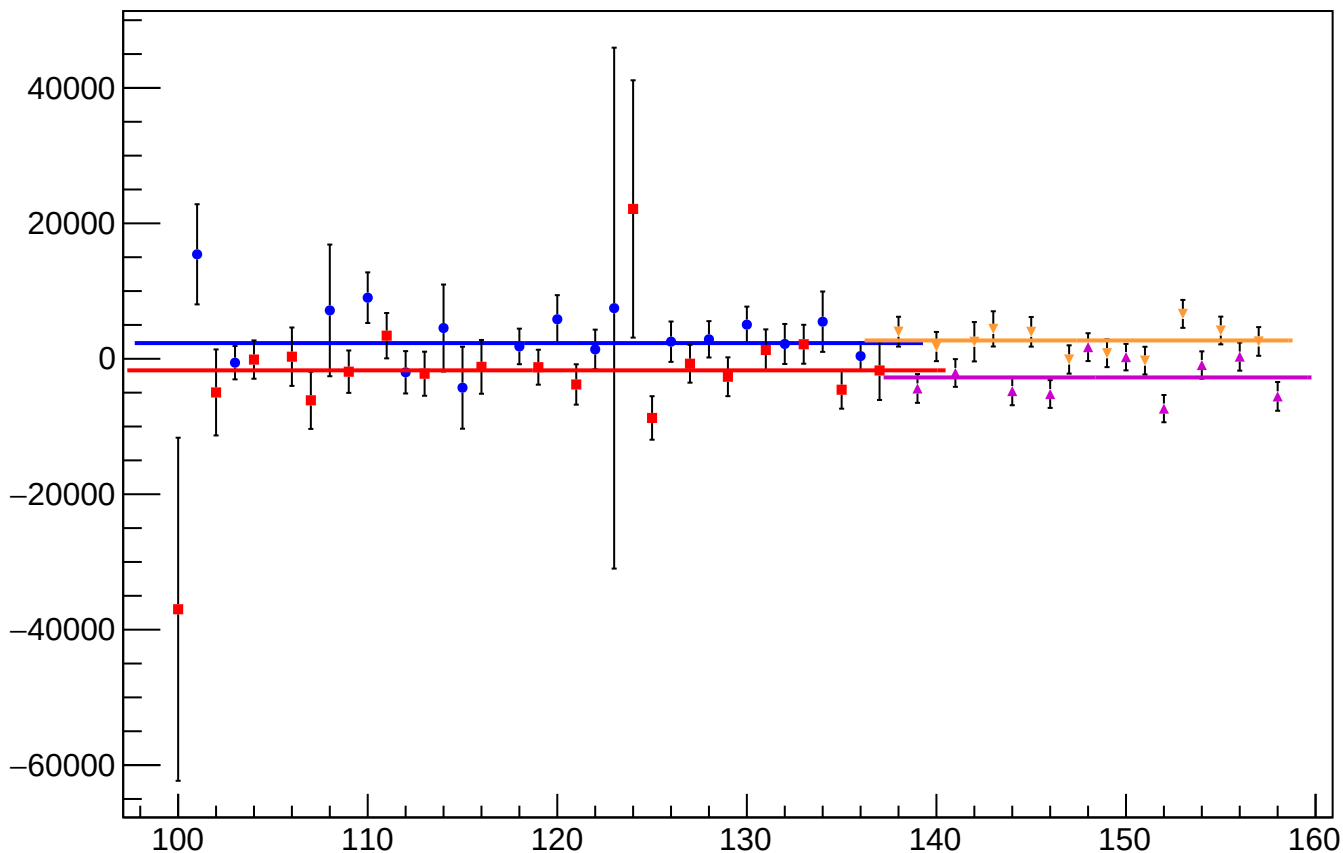
Left In: 1844.588+/-0.456 χ^2/NDF : 170464.3/9

+ sign 1938.502+/-0.359 χ^2/NDF : 559466.7/27

All: 1943.637+/-0.252 χ^2/NDF : 1056639.0/56

- sign 1948.631+/-0.354 χ^2/NDF : 496769.4/28

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2709.707 $\pm$ 659.668 χ^2 /NDF:10.2/10

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

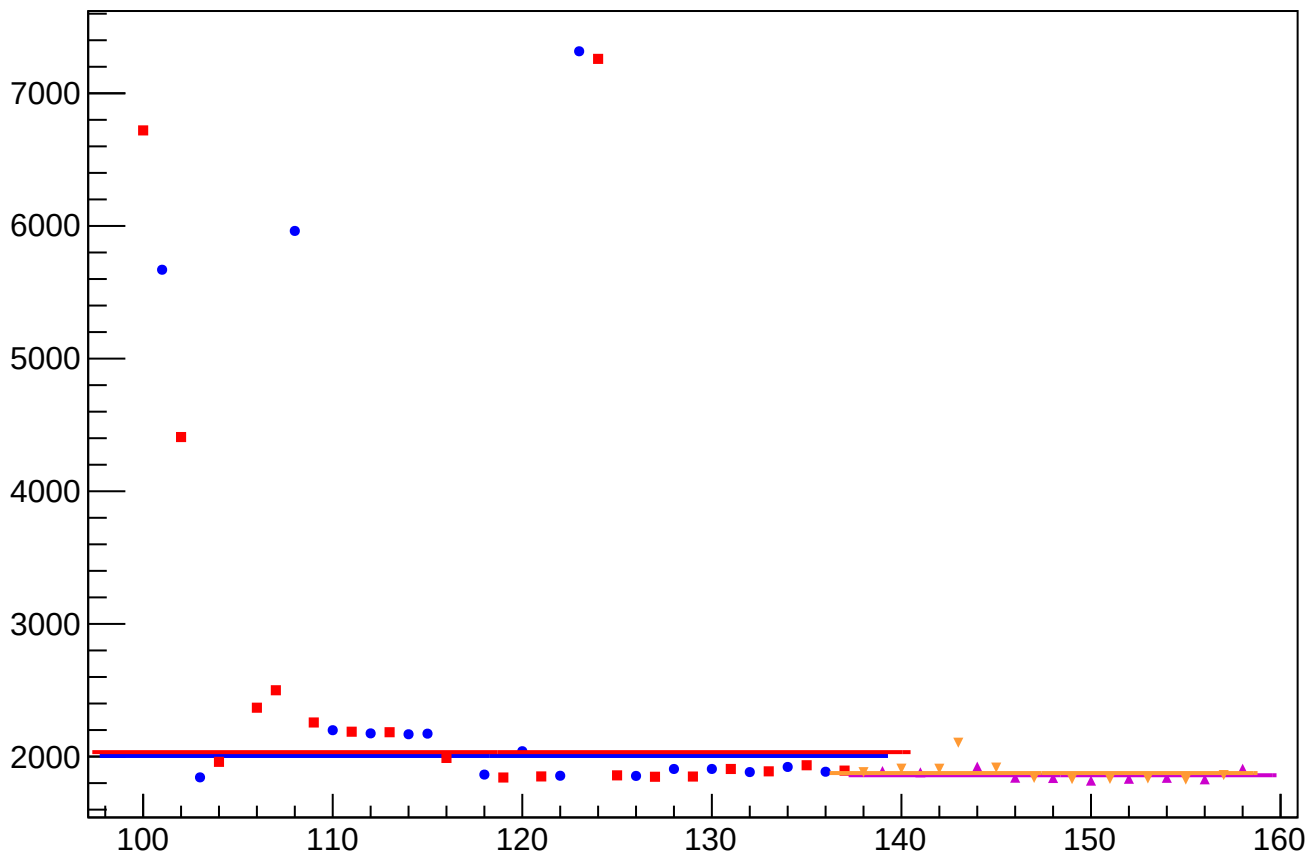
Left In: -2752.362 $\pm$ 649.228 χ^2 /NDF:20.1/9

+ sign 2551.925 $\pm$ 509.324 χ^2 /NDF: 25.1/27

All: 66.740 $\pm$ 356.709 χ^2 /NDF: 110.2/56

- sign -2325.768 $\pm$ 499.737 χ^2 /NDF: 38.4/28

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1875.754+/-0.466 χ^2/NDF : 21501.9/10

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

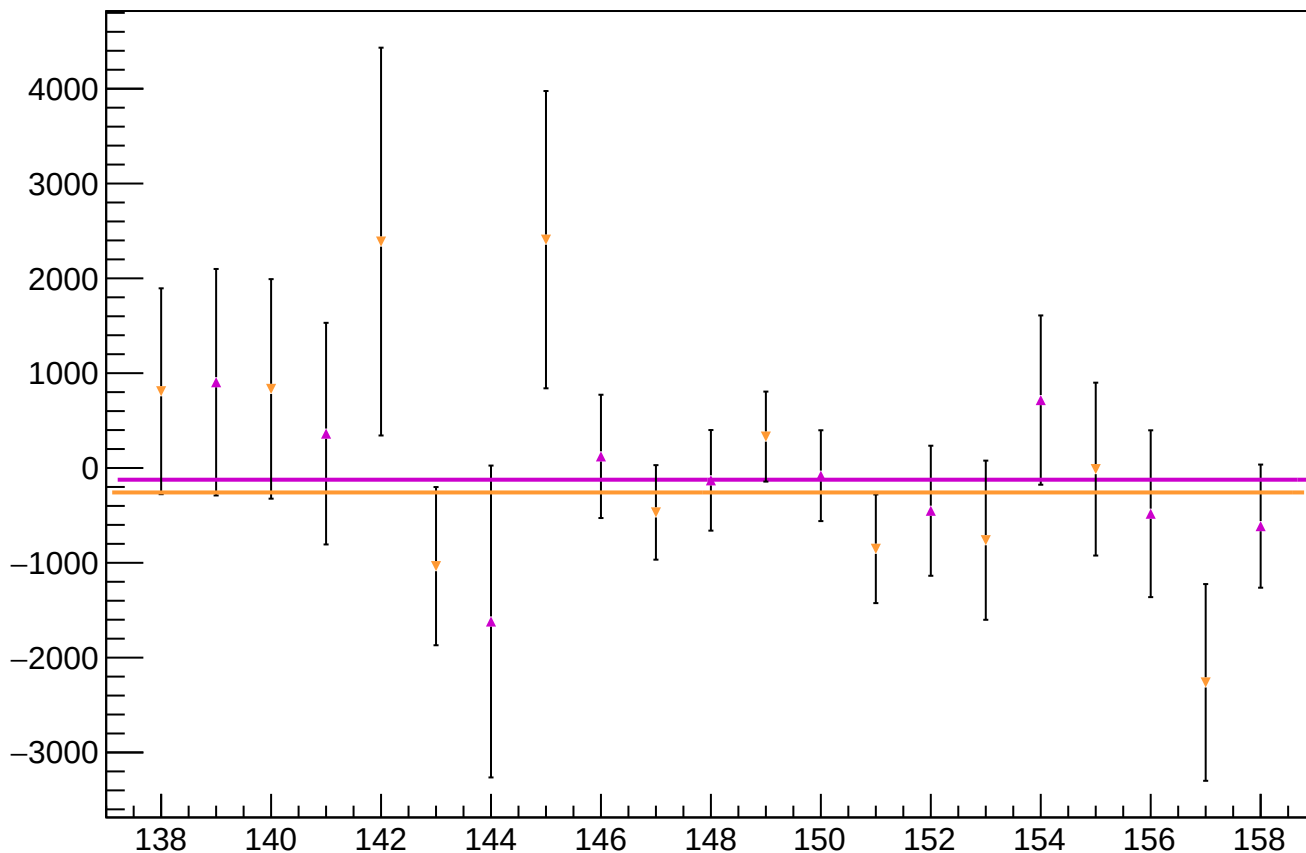
Left In: 1859.266+/-0.459 χ^2/NDF : 5863.7/9

+ sign 1927.772+/-0.360 χ^2/NDF : 968306.9/27

All: 1929.041+/-0.252 χ^2/NDF : 1643897.2/56

- sign 1930.263+/-0.353 χ^2/NDF : 675565.9/28

asym_at1_avg_correction_mean vs Slug



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

Left Out: -257.982+/-231.008 χ^2/NDF :14.2/10

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

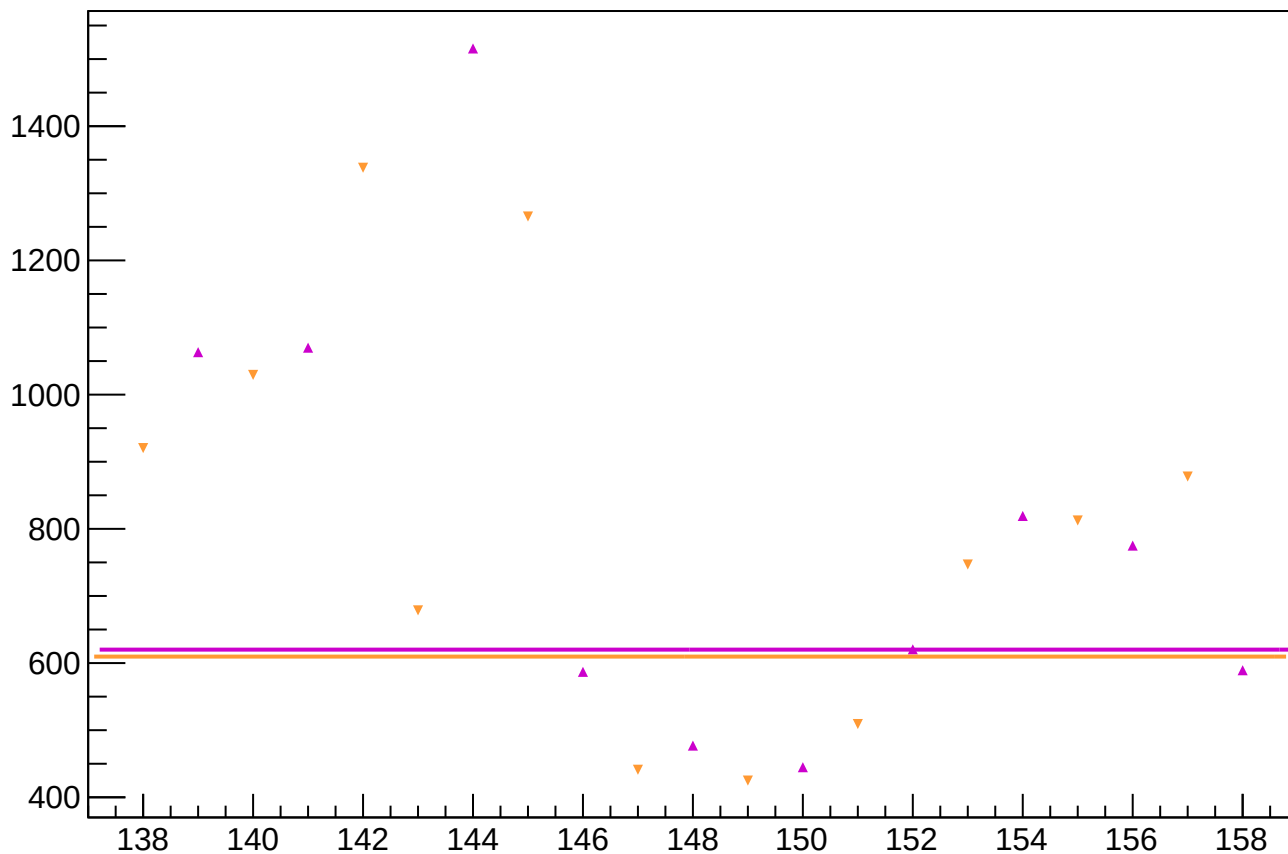
Left In: -123.571+/-228.665 χ^2/NDF :3.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.091+/-162.513 χ^2/NDF : 18.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_correction_rms vs Slug



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

Left Out: 609.666+/-0.163 χ^2/NDF :1923655.1/10

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

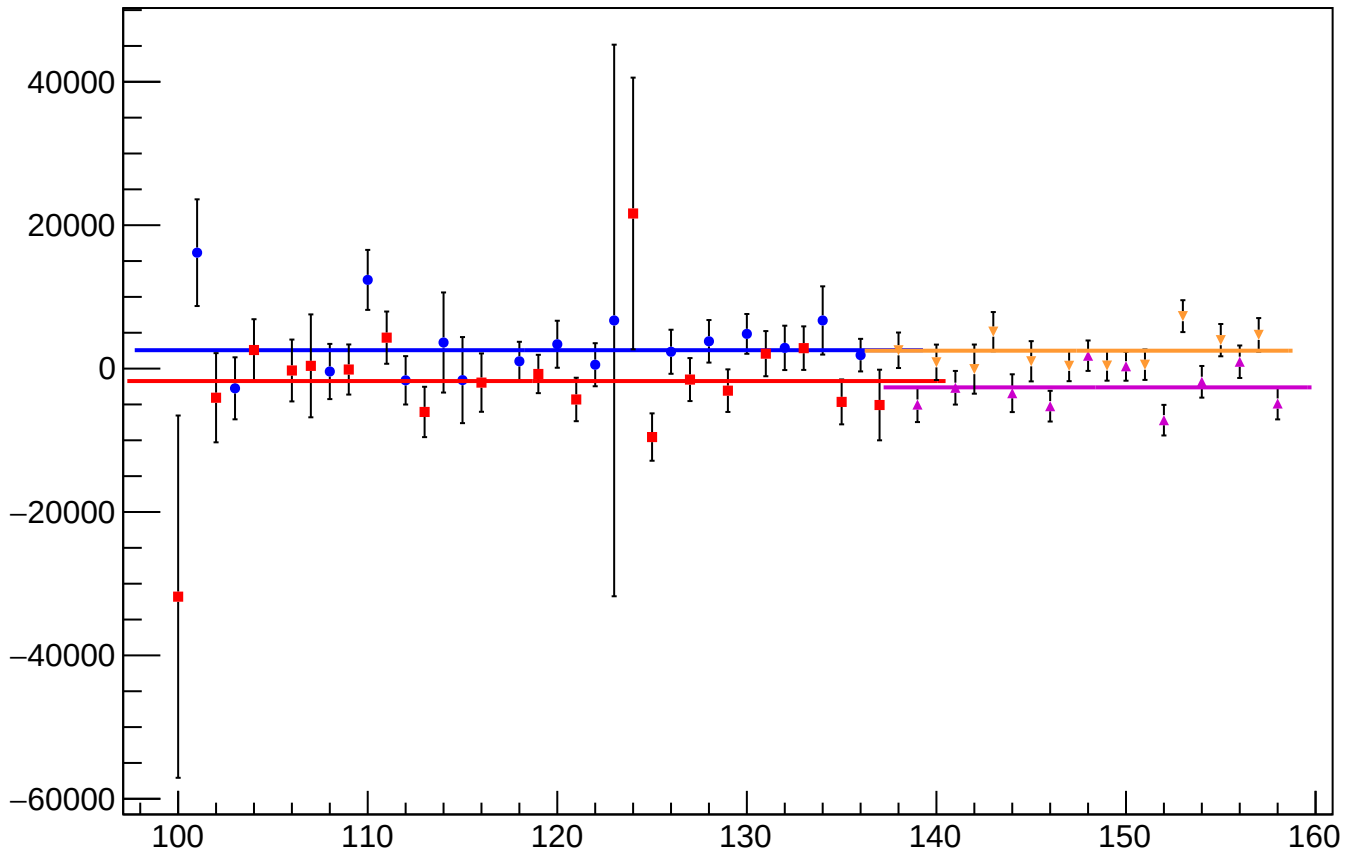
Left In: 620.046+/-0.162 χ^2/NDF :1749543.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.909+/-0.115 χ^2/NDF : 3675238.1/20

- 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: 2496.543 $\pm$ 721.442 χ^2 /NDF:11.0/10

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

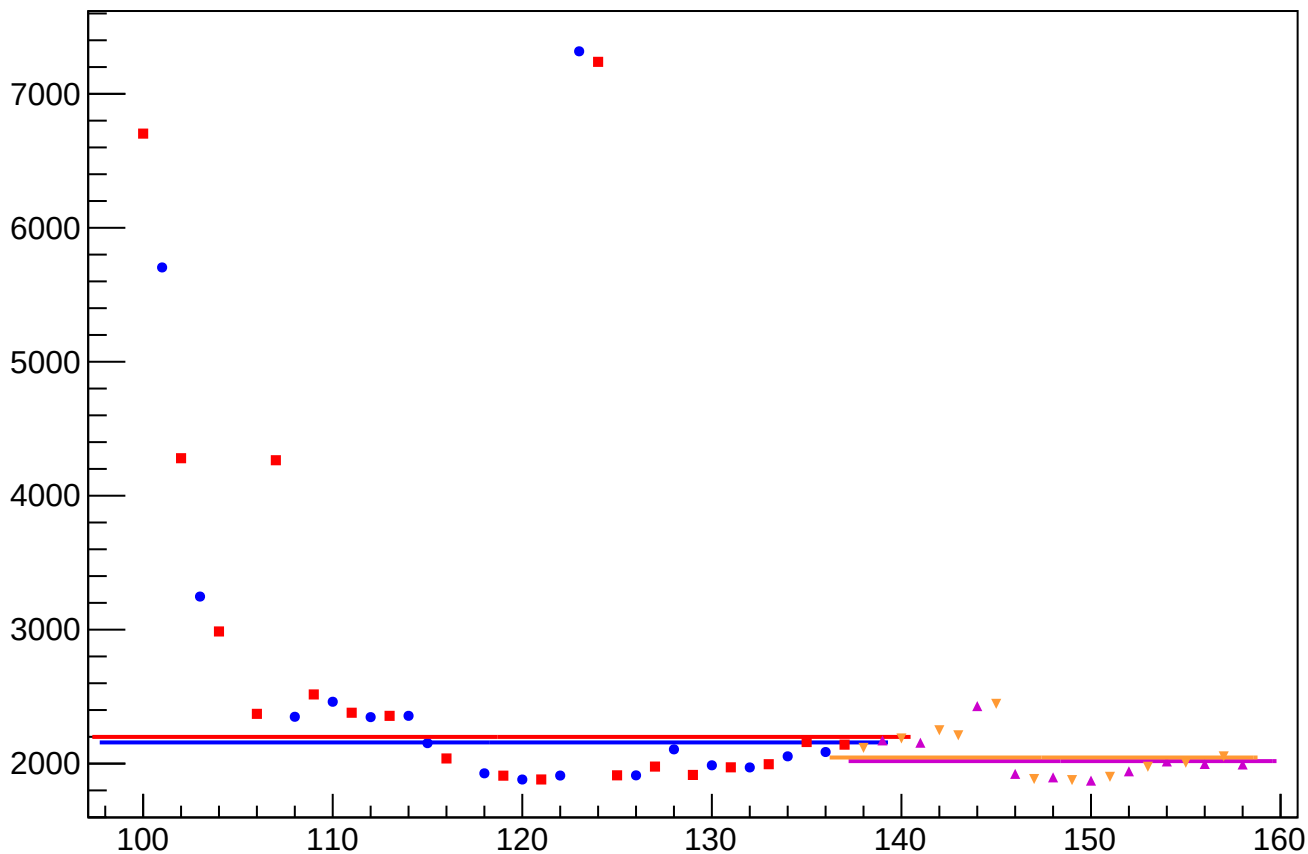
Left In: -2617.510 $\pm$ 706.708 χ^2 /NDF:17.3/9

+ sign 2525.717 $\pm$ 551.672 χ^2 /NDF: 26.6/27

All: 100.695 $\pm$ 387.439 χ^2 /NDF: 103.1/56

- sign -2259.491 $\pm$ 544.247 χ^2 /NDF: 38.4/28

asym_at1_avg_rms vs Slug



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

Left Out: 2045.555 $\pm$ 0.510 χ^2 /NDF:99401.0/10

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

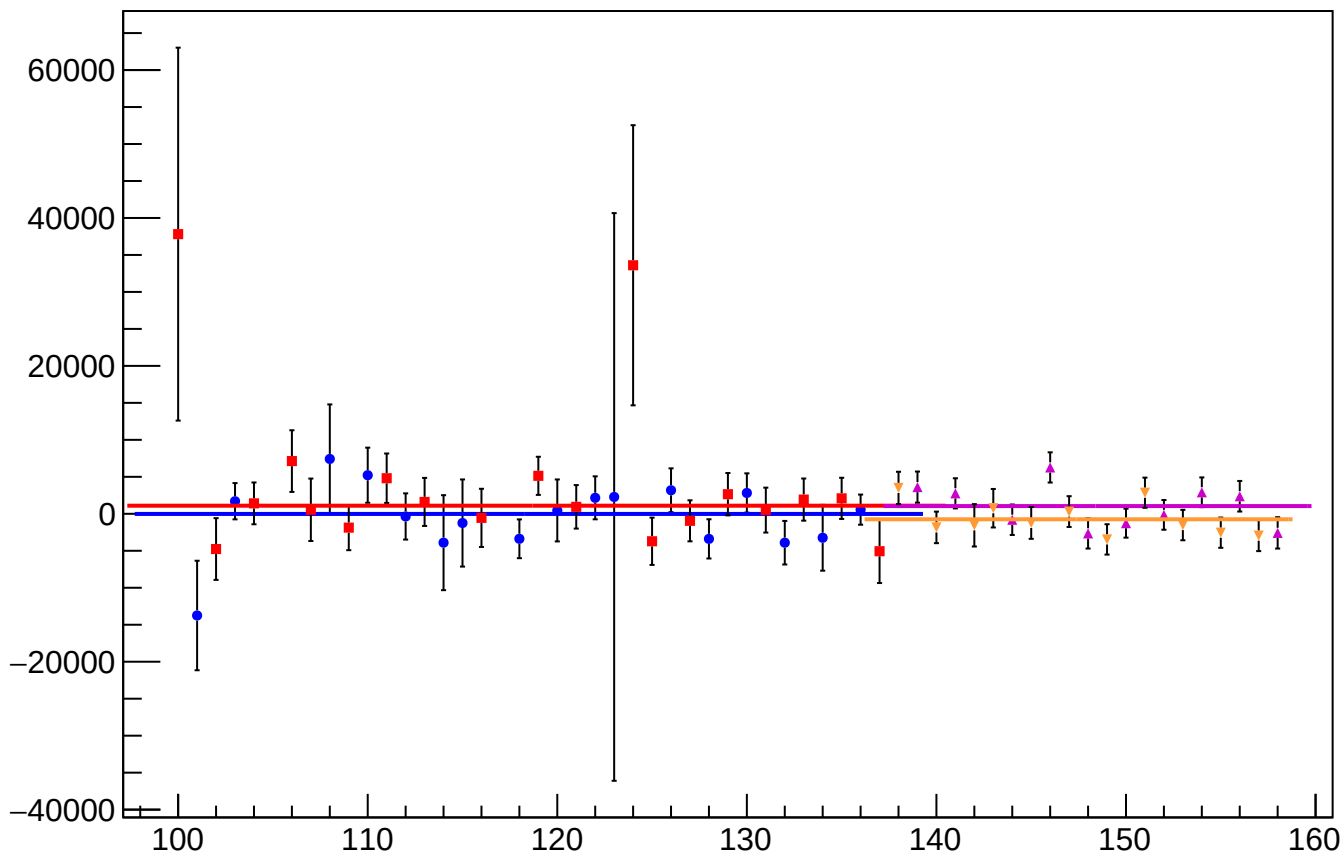
Left In: 2018.680 $\pm$ 0.500 χ^2 /NDF:87313.8/9

+ sign 2092.311 $\pm$ 0.390 χ^2 /NDF: 833492.1/27

All: 2092.253 $\pm$ 0.274 χ^2 /NDF: 1777014.5/56

- sign 2092.196 $\pm$ 0.385 χ^2 /NDF: 943522.4/28

dit_asym_at1_dd_mean vs Slug



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

Left Out: -742.504 ± 655.805 χ^2/NDF : 11.6/10

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

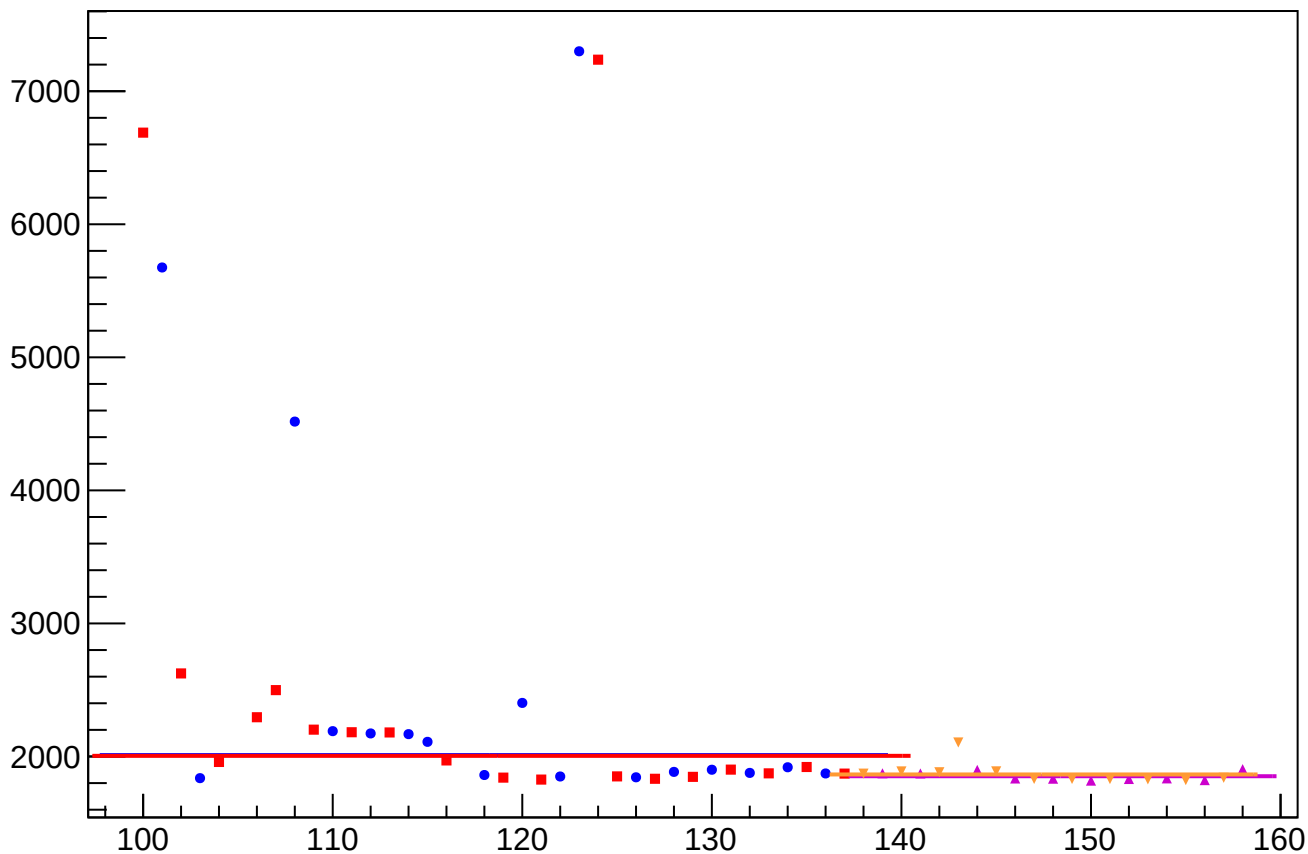
Left In: 1045.101 ± 646.527 χ^2/NDF : 18.7/9

+ sign -452.037 ± 507.531 χ^2/NDF : 28.0/27

All: 325.819 ± 354.388 χ^2/NDF : 70.7/56

- sign 1065.921 ± 495.061 χ^2/NDF : 38.1/28

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1864.896 $\pm$ 0.464 χ^2 /NDF: 21055.4/10

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

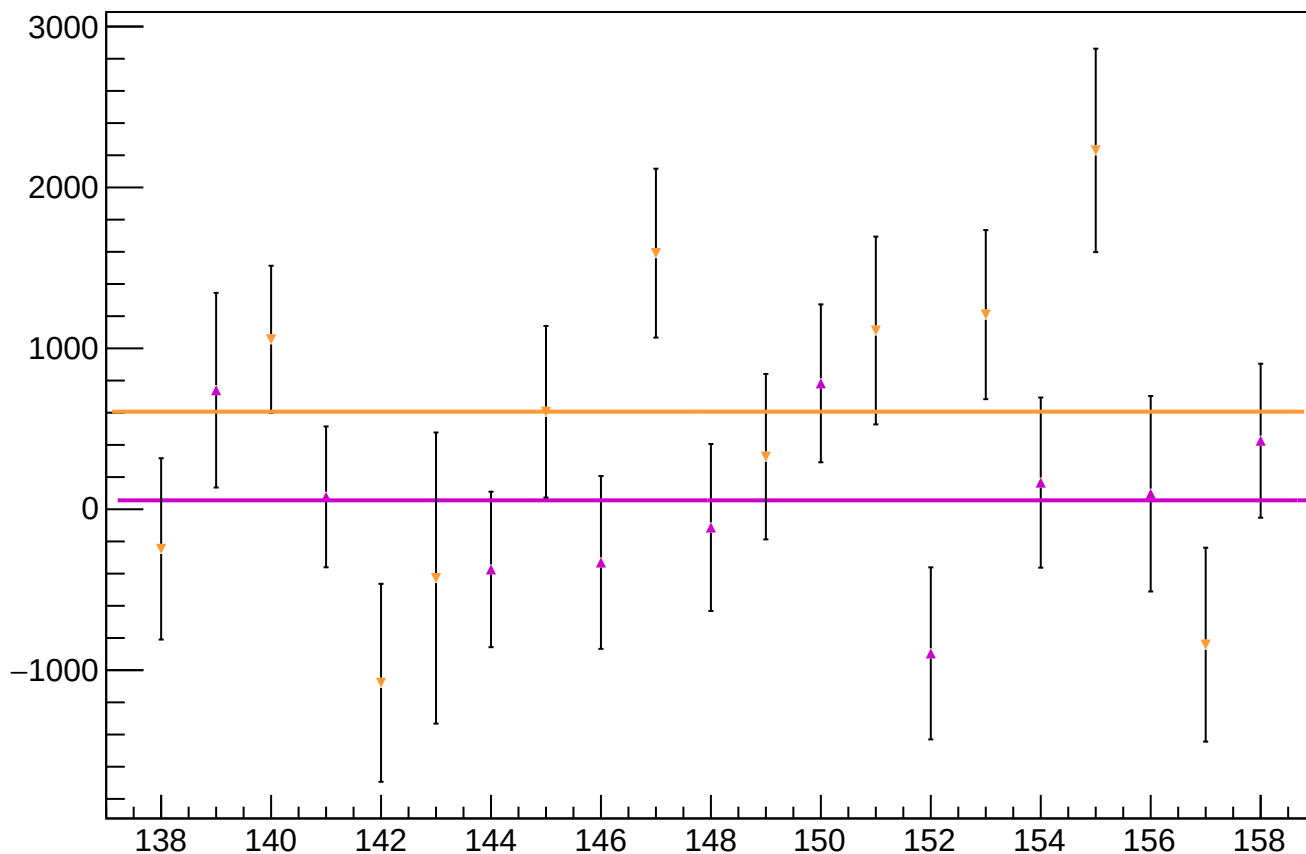
Left In: 1851.655 $\pm$ 0.457 χ^2 /NDF: 4367.5/9

+ sign 1923.202 $\pm$ 0.359 χ^2 /NDF: 900219.6/27

All: 1919.020 $\pm$ 0.251 χ^2 /NDF: 1318835.9/56

- sign 1915.040 $\pm$ 0.350 χ^2 /NDF: 418351.3/28

asym_at1_dd_correction_mean vs Slug



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

Left Out: 606.711+/-170.150 χ^2/NDF : 30.3/10

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

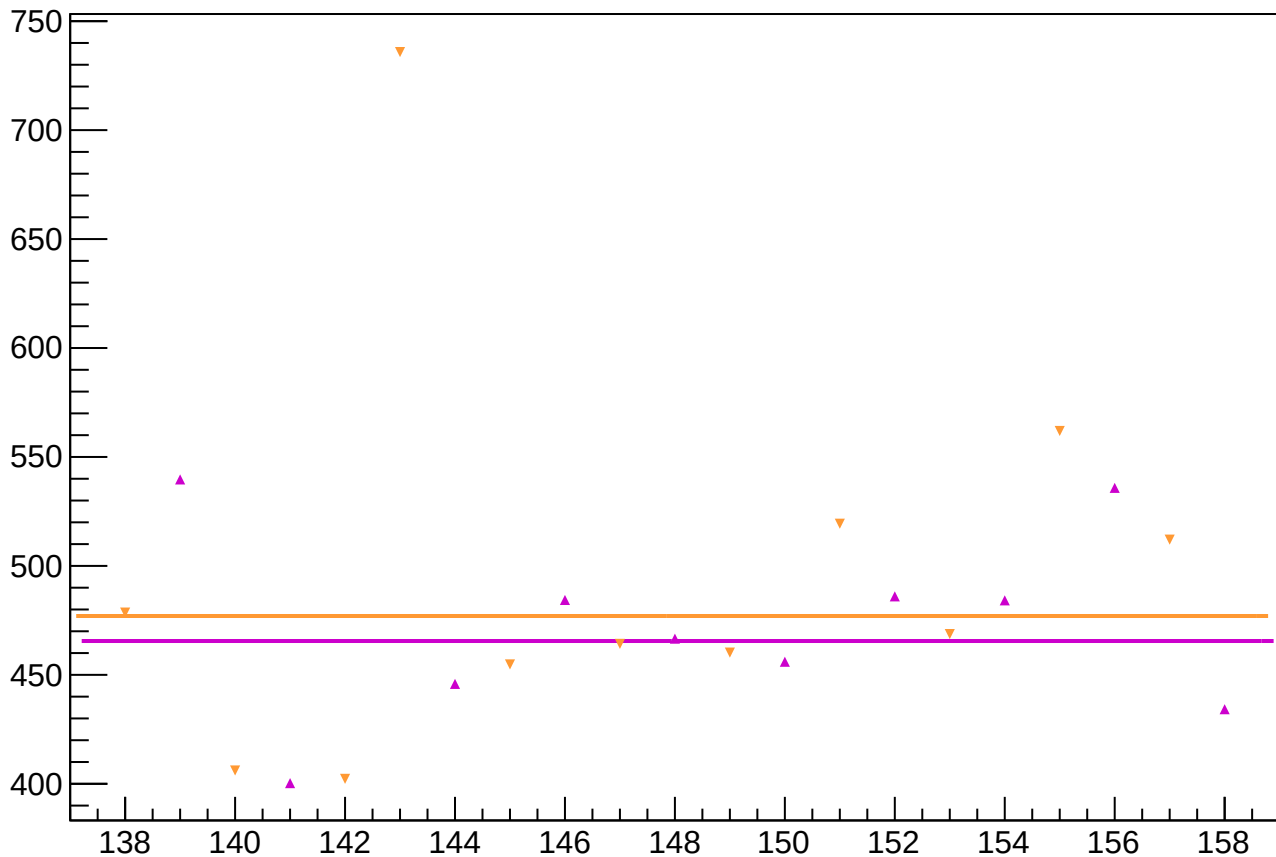
Left In: 55.439+/-162.827 χ^2/NDF : 8.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.957+/-117.640 χ^2/NDF : 44.5/20

- 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: 477.010+/-0.120 χ^2/NDF :301960.0/10

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

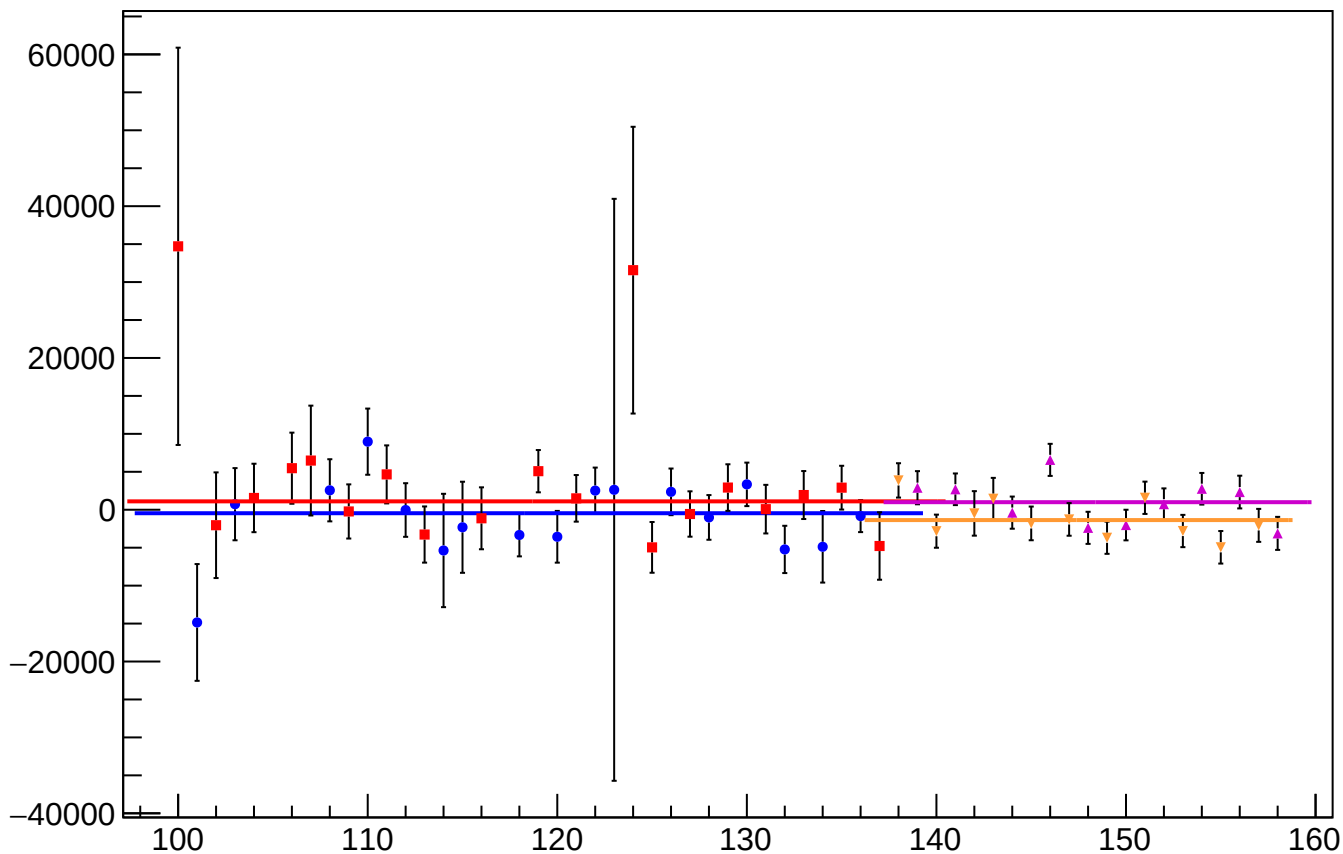
Left In: 465.535+/-0.115 χ^2/NDF :121769.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.020+/-0.083 χ^2/NDF : 428477.9/20

- 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: -1362.465+/-679.206 χ^2/NDF :13.4/10

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

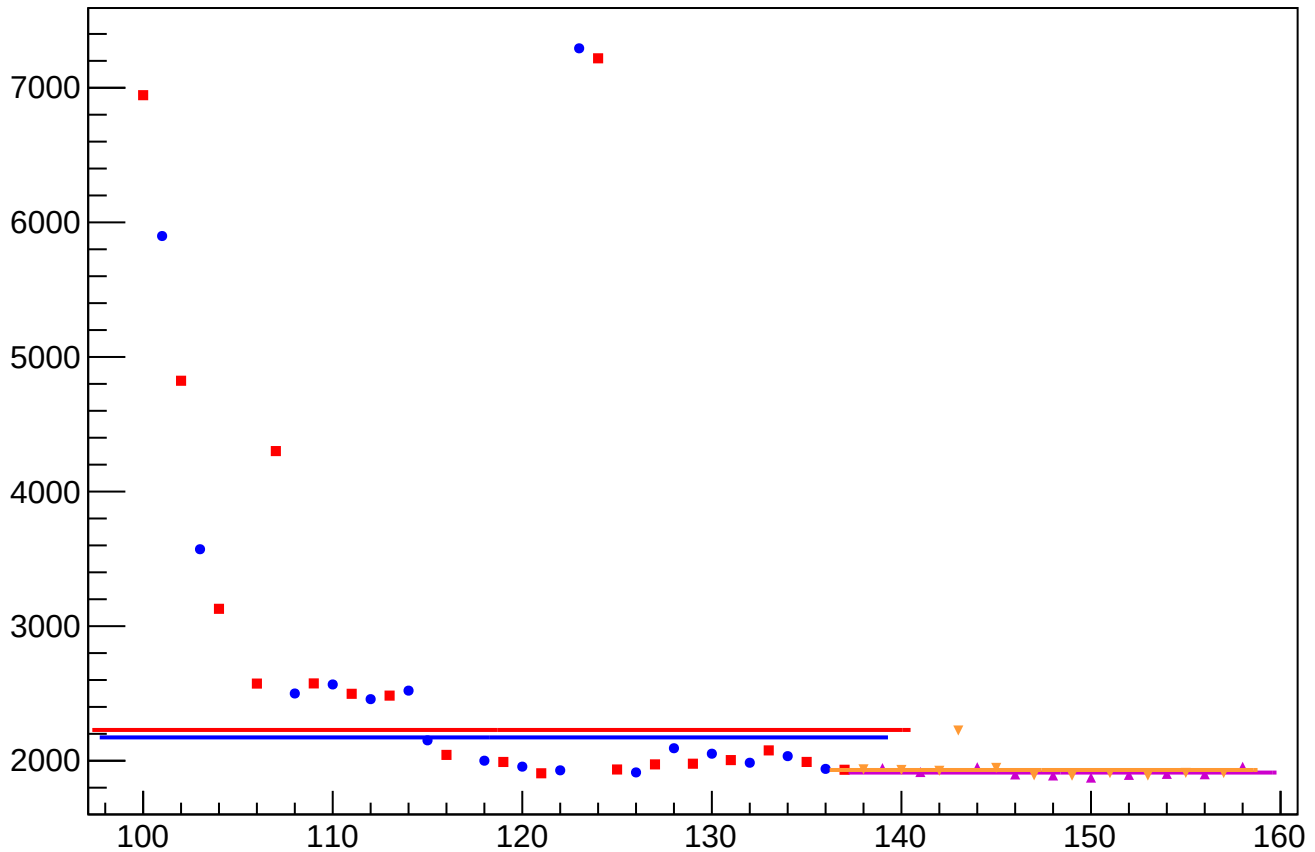
Left In: 995.688+/-667.590 χ^2/NDF :18.3/9

+ sign -1017.696+/-534.239 χ^2/NDF : 32.2/27

All: 19.350+/-375.893 χ^2/NDF : 74.8/56

- sign 1036.110+/-528.987 χ^2/NDF : 35.2/28

asym_at1_dd_rms vs Slug



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

Left Out: 1931.460+/-0.480 χ^2/NDF : 25808.3/10

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

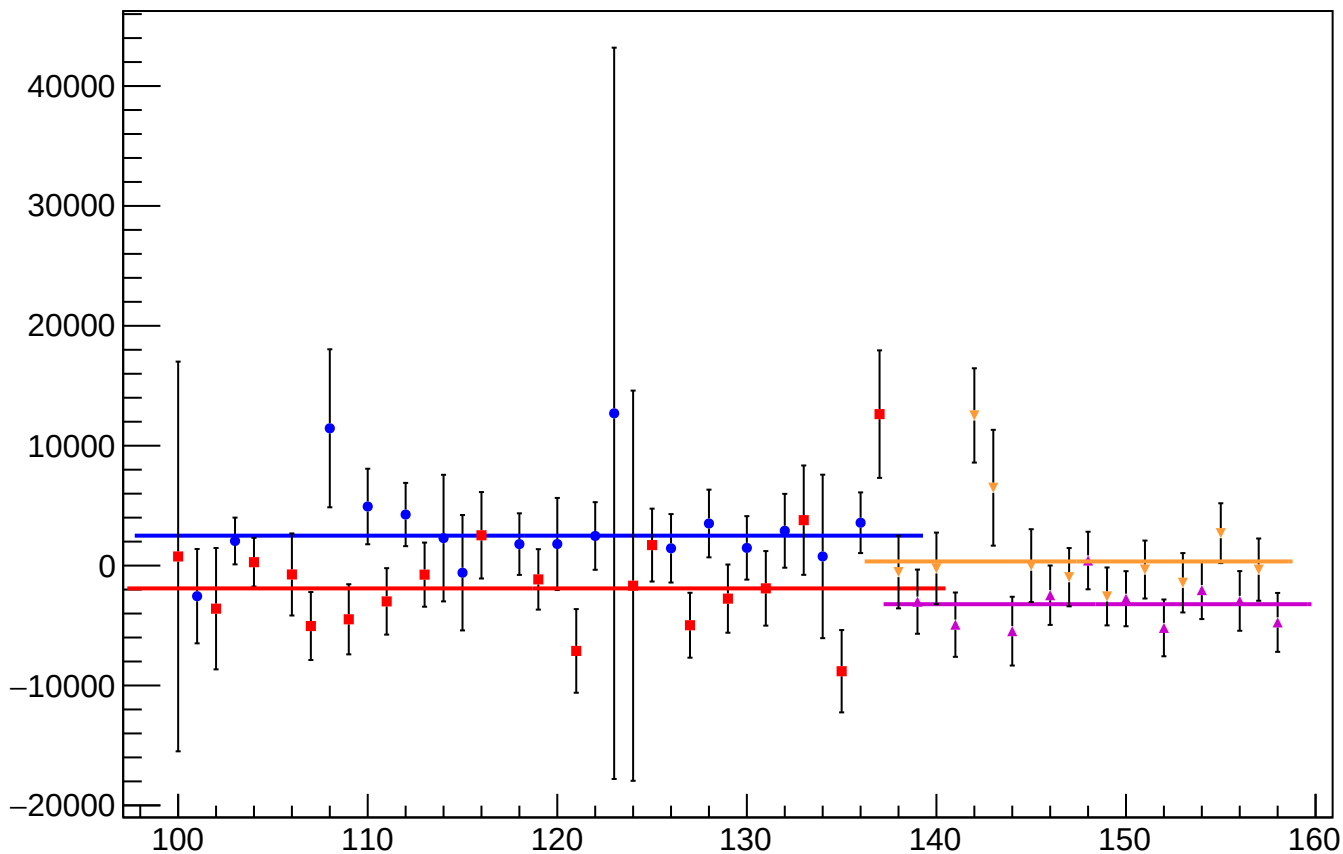
Left In: 1912.279+/-0.472 χ^2/NDF : 3197.5/9

+ sign 2023.765+/-0.378 χ^2/NDF : 928039.4/27

All: 2026.964+/-0.266 χ^2/NDF : 1994644.8/56

- sign 2030.100+/-0.374 χ^2/NDF : 1066463.4/28

dit_asym_at2_avg_mean vs Slug



Right In: 2496.610 $\pm$ 768.295 χ^2 /NDF: 5.9/16

Left Out: 345.973 $\pm$ 838.749 χ^2 /NDF:14.7/10

Right Out: -1902.970 $\pm$ 736.793 χ^2 /NDF: 23.5/18

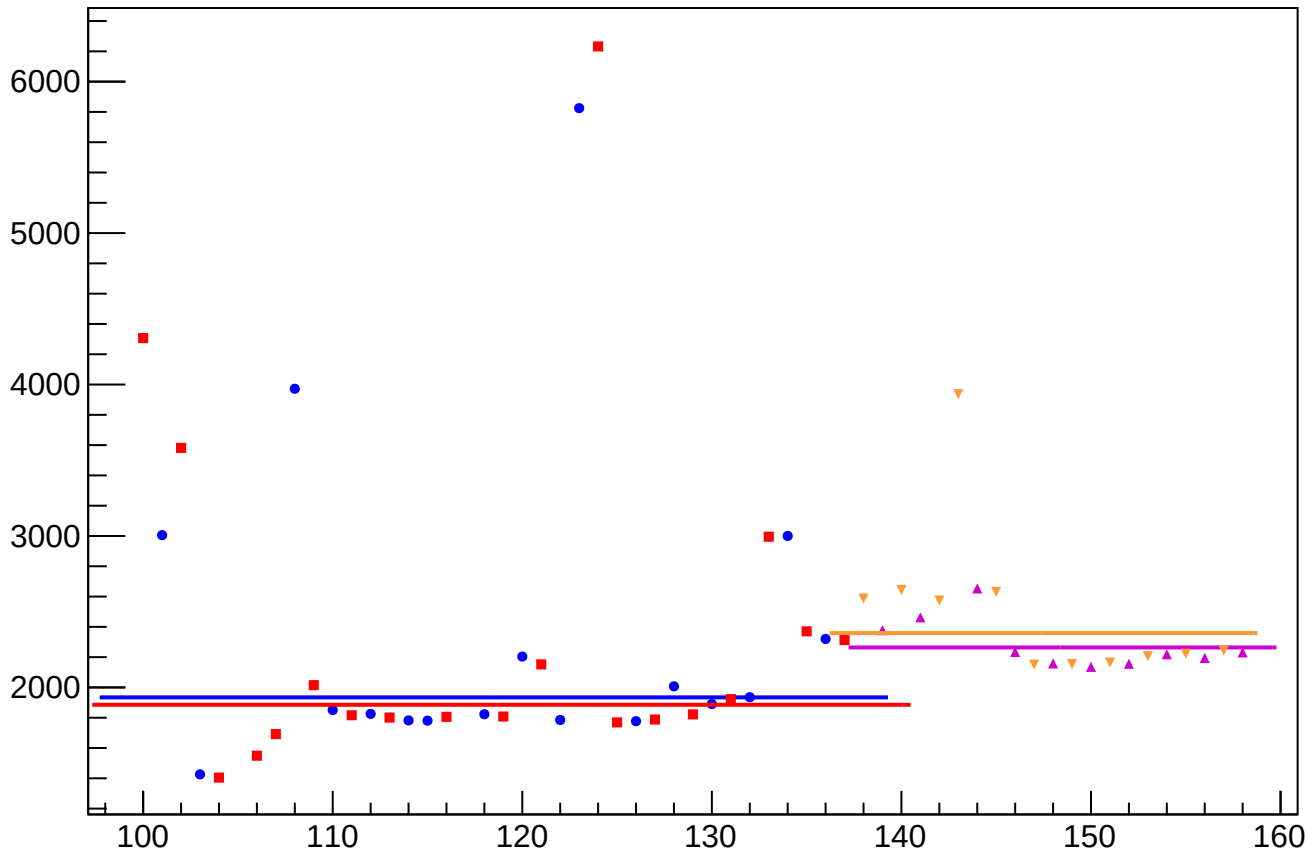
Left In: -3219.845 $\pm$ 789.783 χ^2 /NDF:4.8/9

+ sign 1515.396 $\pm$ 566.539 χ^2 /NDF: 24.1/27

All: -601.460 $\pm$ 390.409 χ^2 /NDF: 80.4/56

- sign -2515.751 $\pm$ 538.751 χ^2 /NDF: 29.7/28

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2358.958+/-0.593 χ^2/NDF : 324546.6/10

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

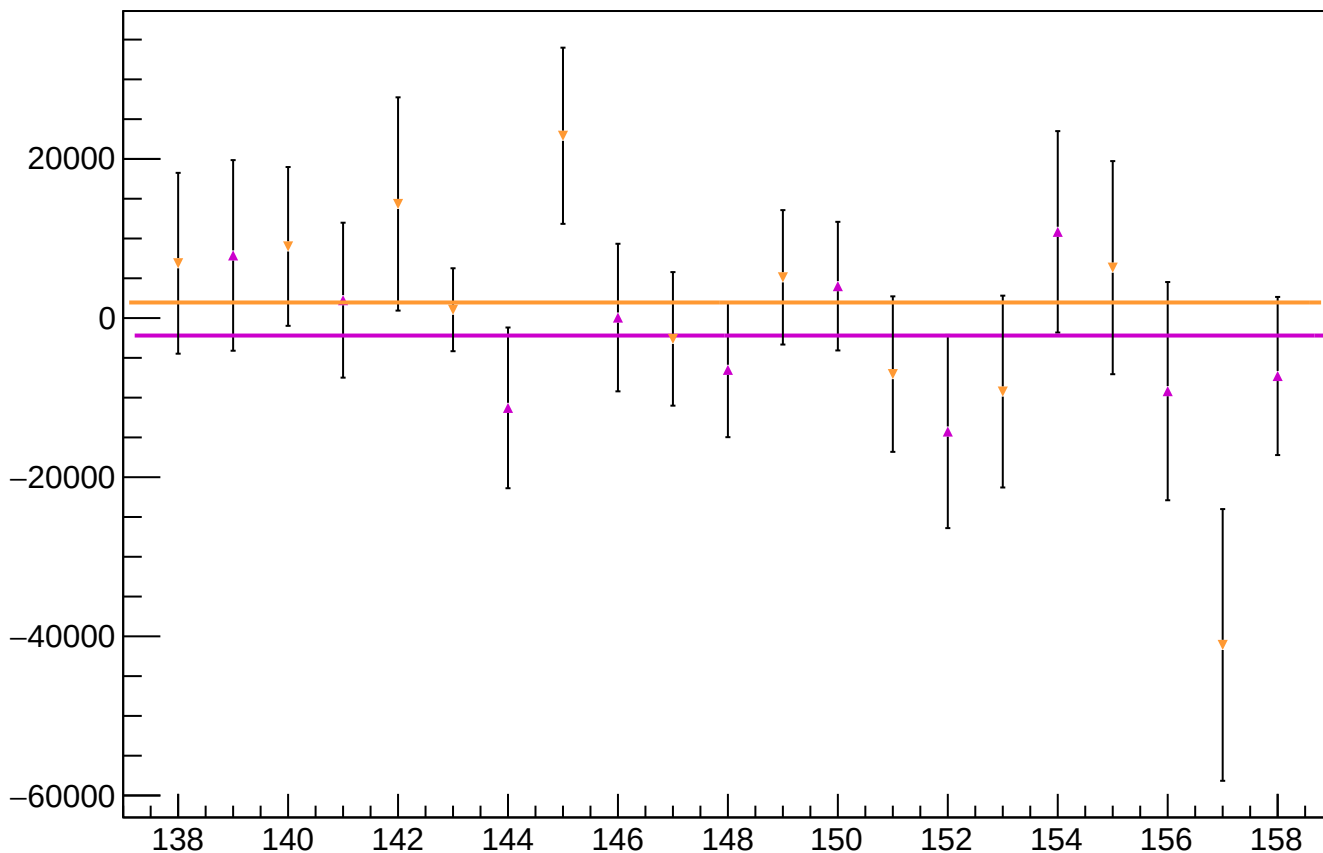
Left In: 2264.028+/-0.558 χ^2/NDF : 68715.6/9

+ sign 2128.104+/-0.401 χ^2/NDF : 1242102.8/27

All: 2093.194+/-0.276 χ^2/NDF : 2322989.0/56

- sign 2061.631+/-0.381 χ^2/NDF : 1066426.3/28

asym_at2_avg_correction_mean vs Slug



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

Left Out: 1959.760+/-2852.635 χ^2/NDF :13.8/10

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

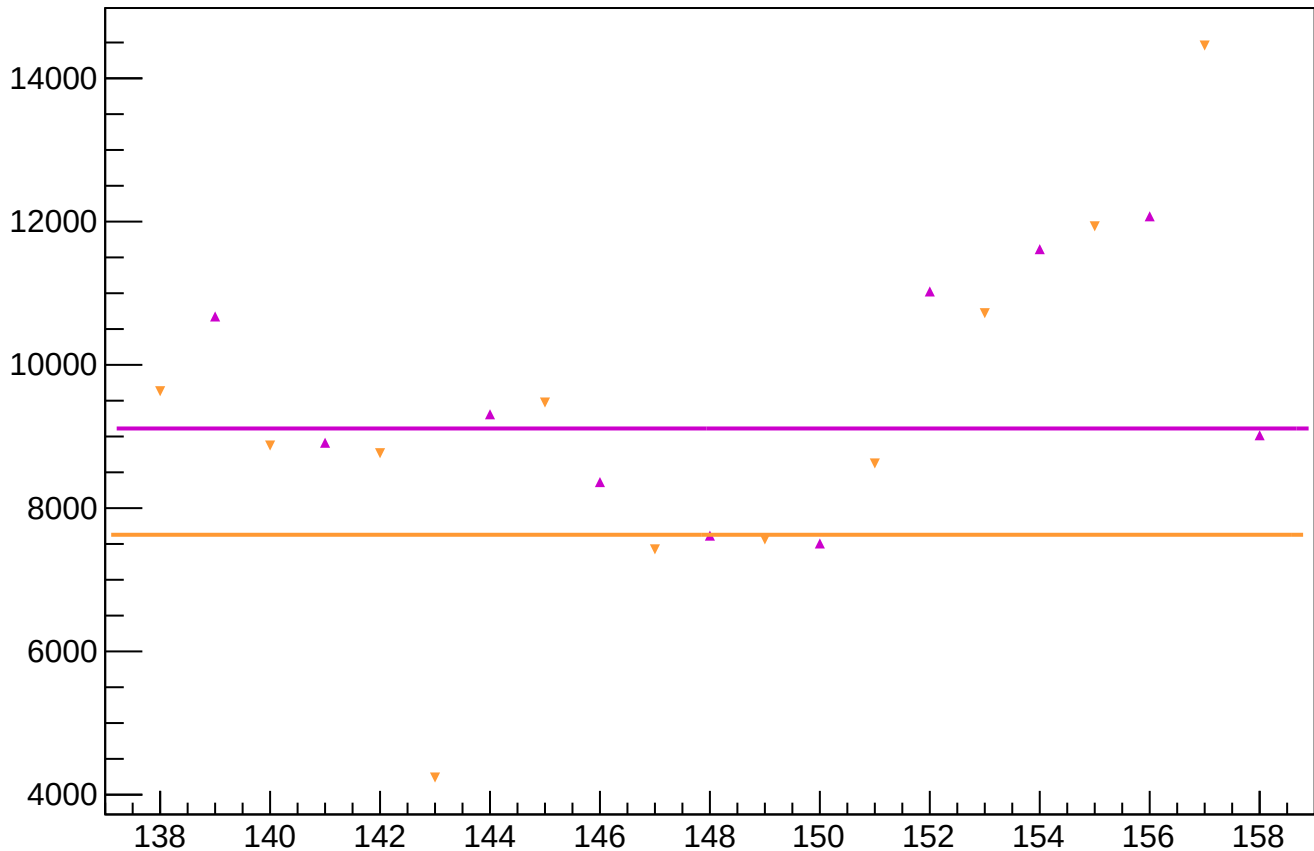
Left In: -2196.055+/-3215.928 χ^2/NDF :5.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.751+/-2134.051 χ^2/NDF : 19.9/20

- 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: 7628.338+/-2.017 χ^2/NDF :1689167.5/10

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

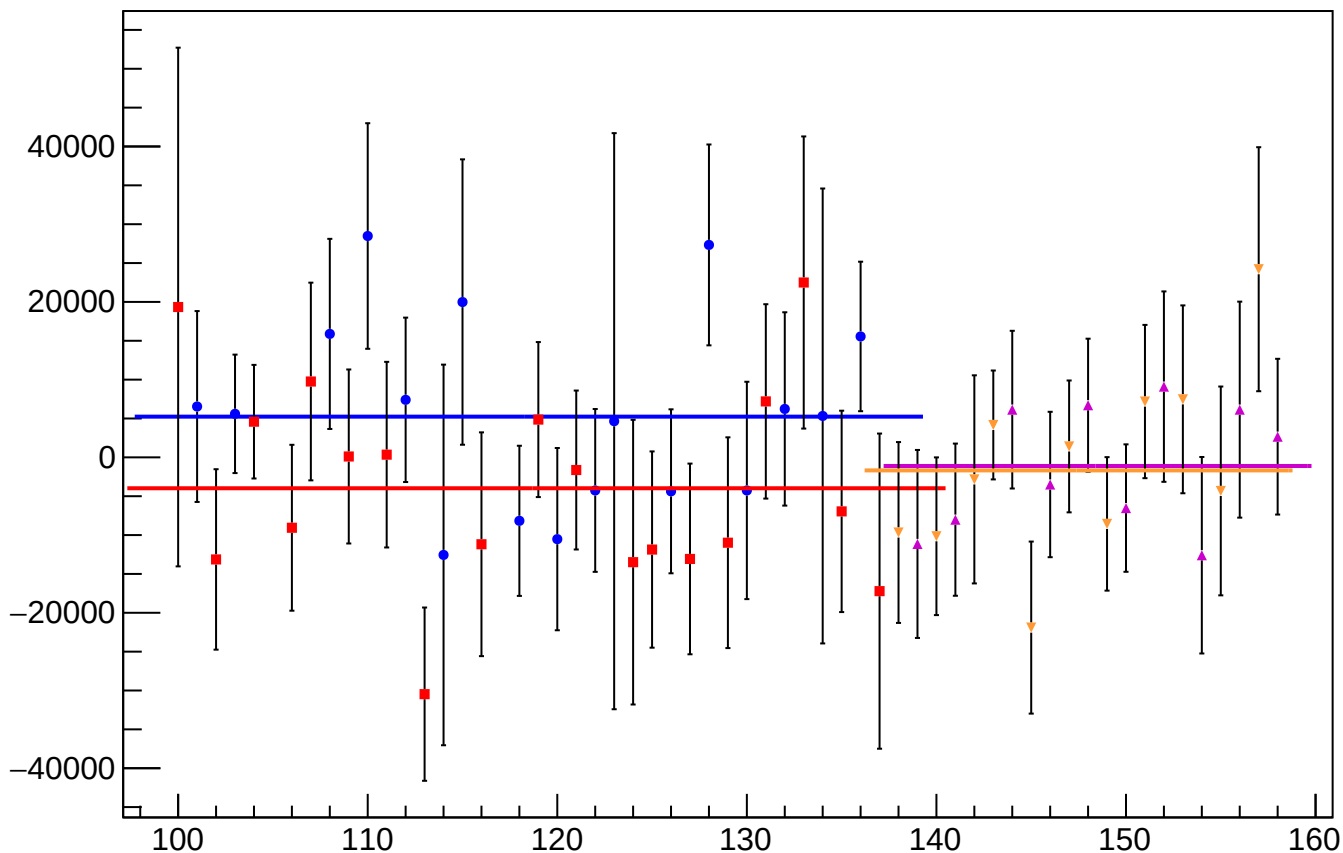
Left In: 9112.007+/-2.274 χ^2/NDF :411403.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8281.670+/-1.509 χ^2/NDF : 2338808.0/20

- 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: -1679.461+/-3080.328 χ^2/NDF : 10.1/10

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

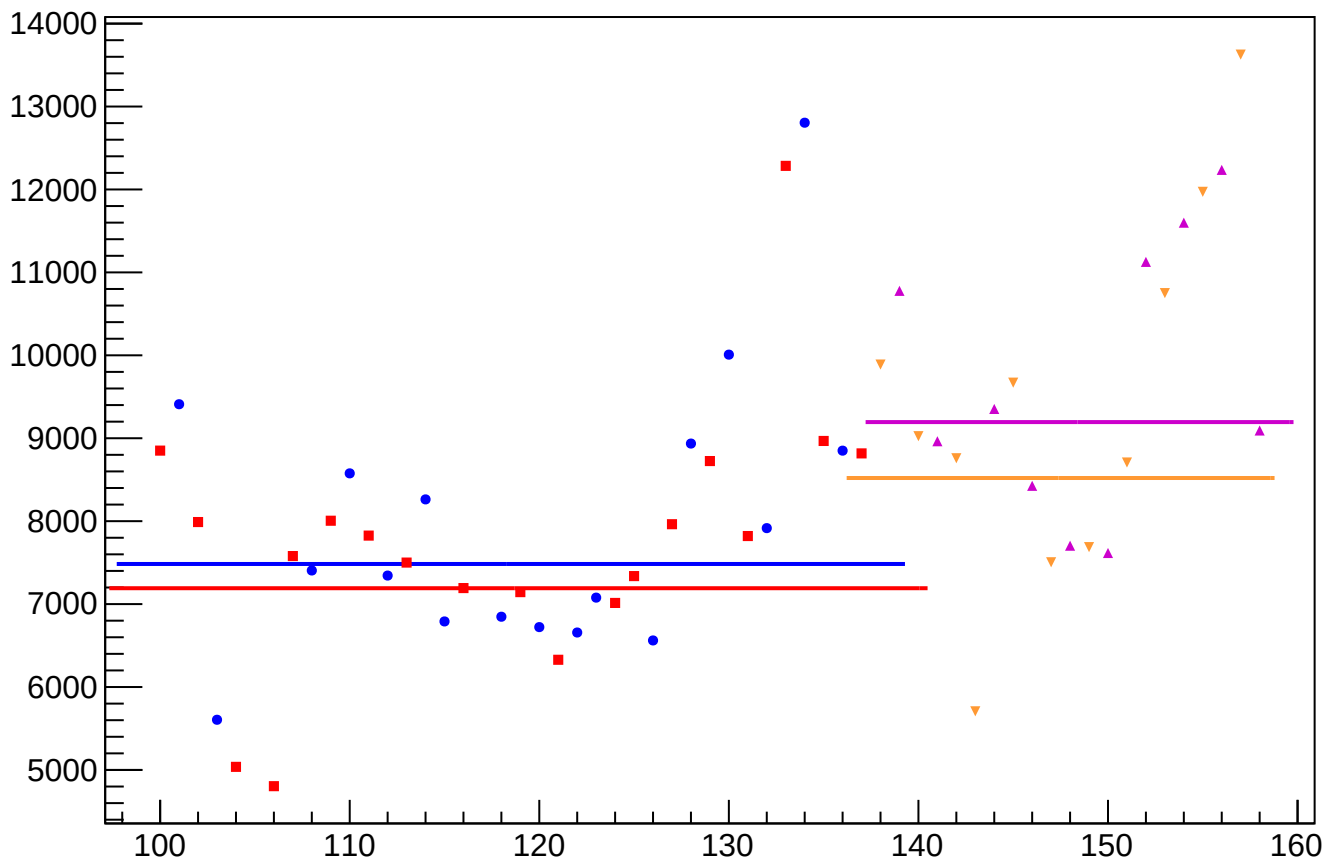
Left In: -1111.051+/-3244.567 χ^2/NDF : 5.0/9

+ sign 1933.482+/-2129.103 χ^2/NDF : 27.2/27

All: -427.125+/-1500.716 χ^2/NDF : 50.7/56

- sign -2757.940+/-2115.626 χ^2/NDF : 21.0/28

asym_at2_avg_rms vs Slug



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

Left Out: 8520.524 $\pm$ 2.178 χ^2 /NDF: 837188.0/10

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

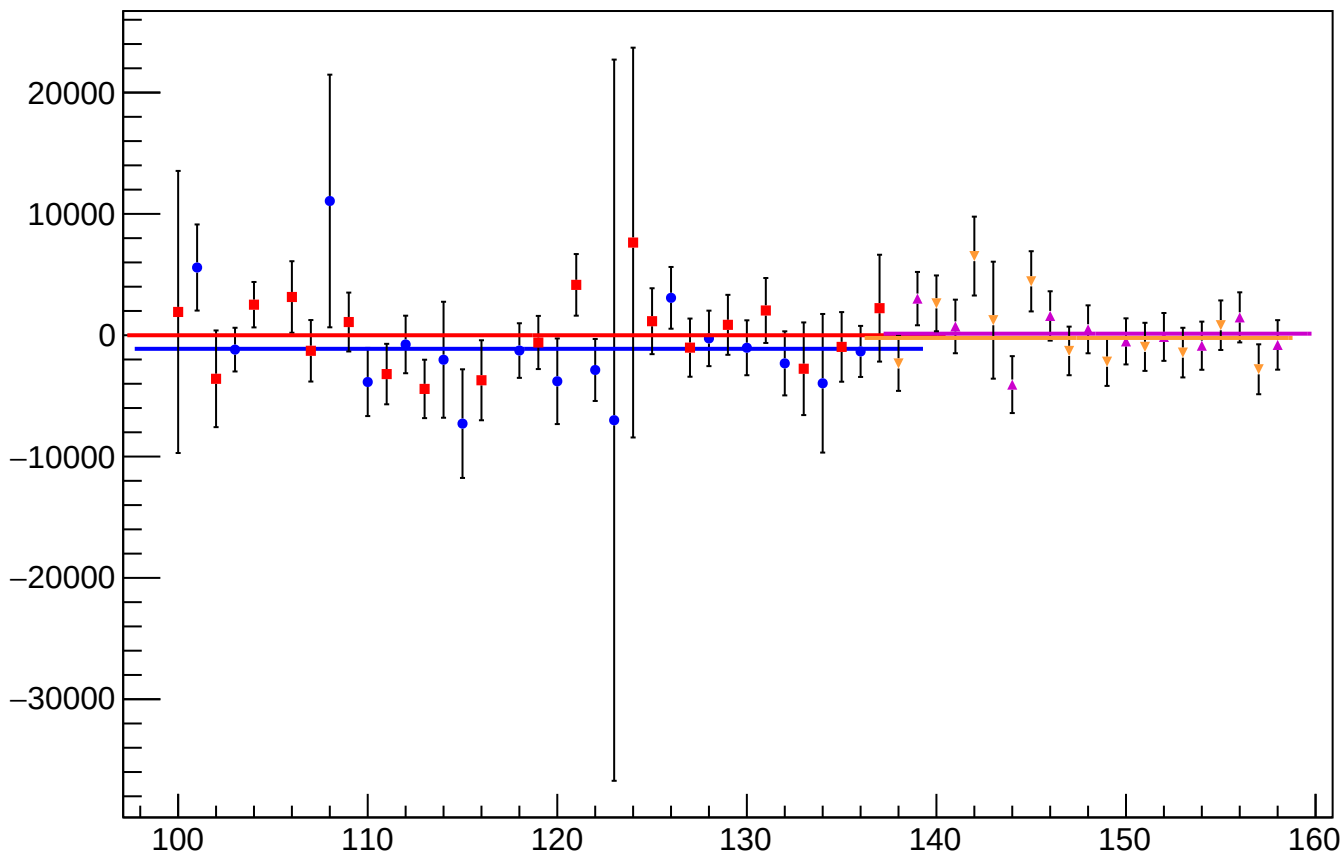
Left In: 9194.840 $\pm$ 2.294 χ^2 /NDF: 402244.5/9

+ sign 7979.073 $\pm$ 1.505 χ^2 /NDF: 1387315.9/27

All: 8011.296 $\pm$ 1.061 χ^2 /NDF: 2787585.5/56

- sign 8043.110 $\pm$ 1.496 χ^2 /NDF: 1399359.1/28

dit_asym_at2_dd_mean vs Slug



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

Left Out: -225.247 $\pm$ 681.292 χ^2 /NDF:13.9/10

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

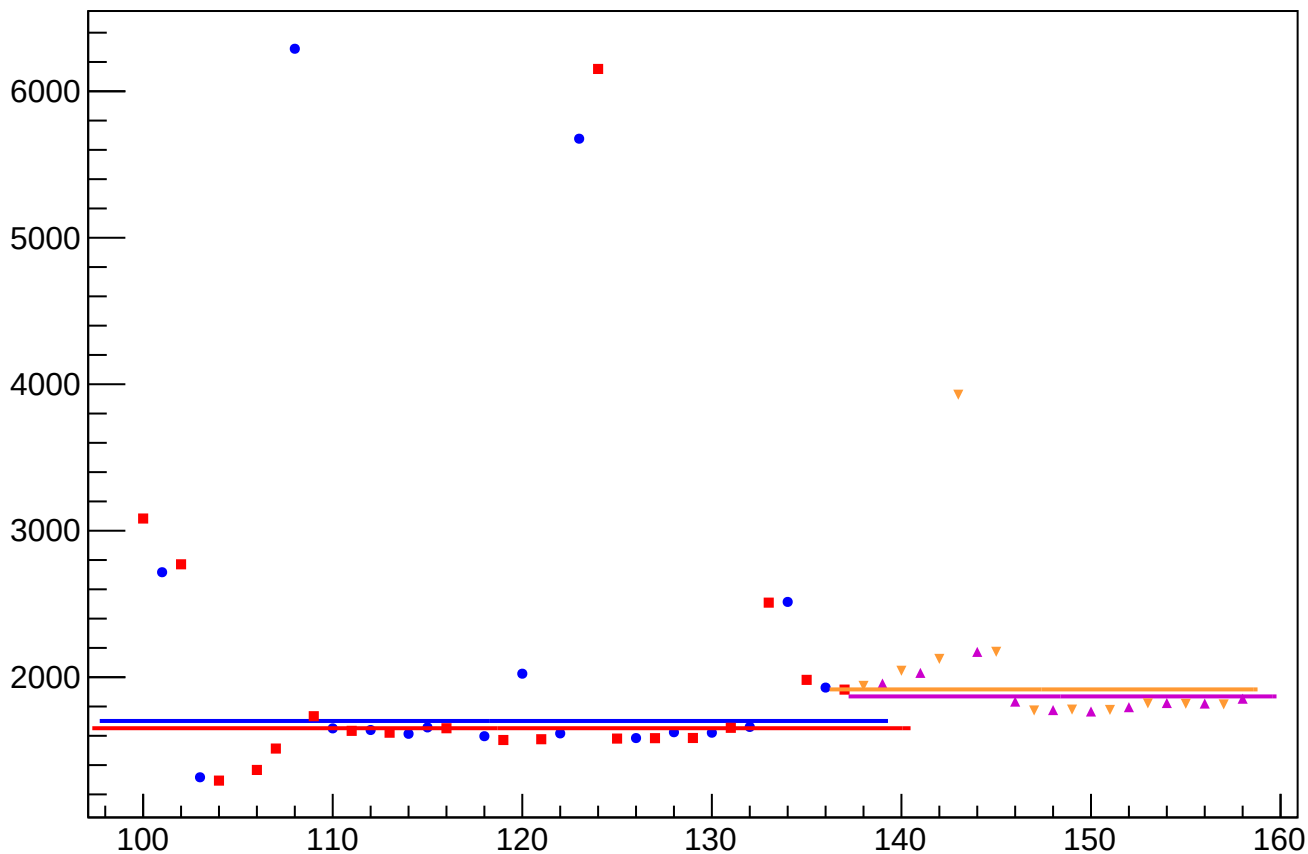
Left In: 127.420 $\pm$ 651.634 χ^2 /NDF:6.6/9

+ sign -674.274 $\pm$ 480.991 χ^2 /NDF: 27.0/27

All: -287.301 $\pm$ 331.110 χ^2 /NDF: 50.3/56

- sign 61.250 $\pm$ 456.489 χ^2 /NDF: 22.1/28

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1916.745 ± 0.482 χ^2/NDF : 428053.0/10

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

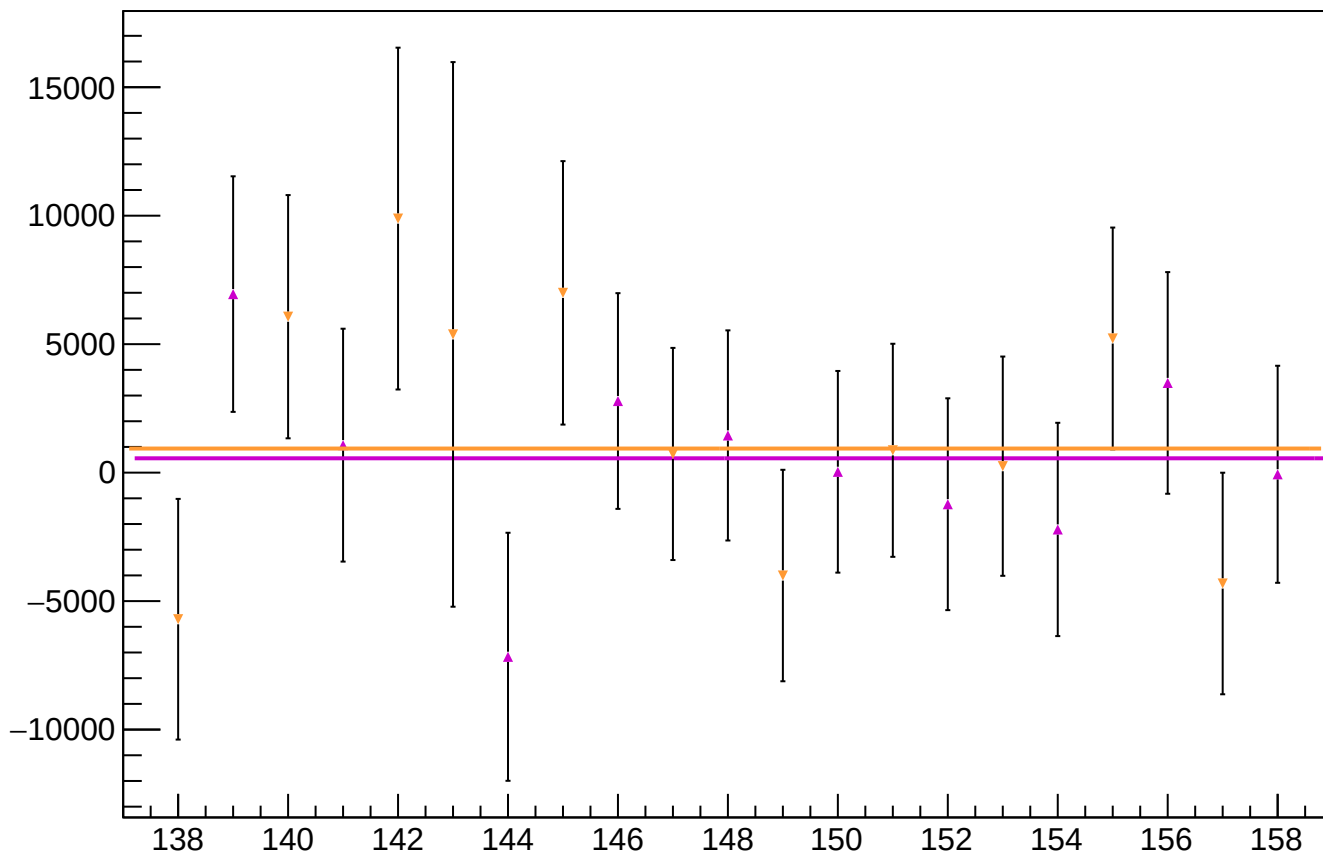
Left In: 1868.877 ± 0.461 χ^2/NDF : 63378.6/9

+ sign 1808.676 ± 0.340 χ^2/NDF : 1307102.9/27

All: 1782.170 ± 0.234 χ^2/NDF : 2083965.5/56

- sign 1758.295 ± 0.323 χ^2/NDF : 765317.9/28

asym_at2_dd_correction_mean vs Slug



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

Left Out: 937.678+/-1416.924 χ^2/NDF :10.5/10

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

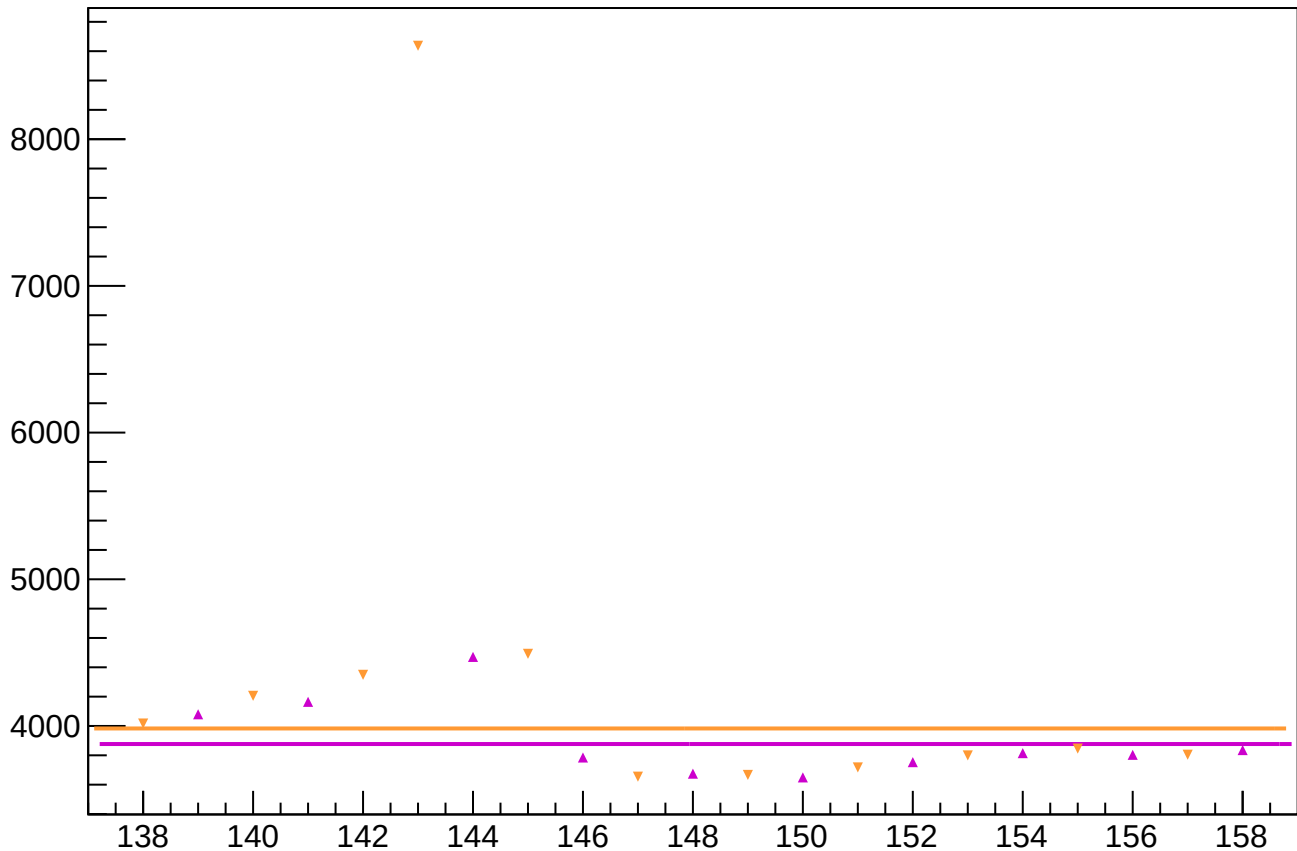
Left In: 557.755+/-1351.571 χ^2/NDF :6.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.753+/-977.993 χ^2/NDF : 16.5/20

- 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: 3983.042+/-1.002 χ^2/NDF : 457826.7/10

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

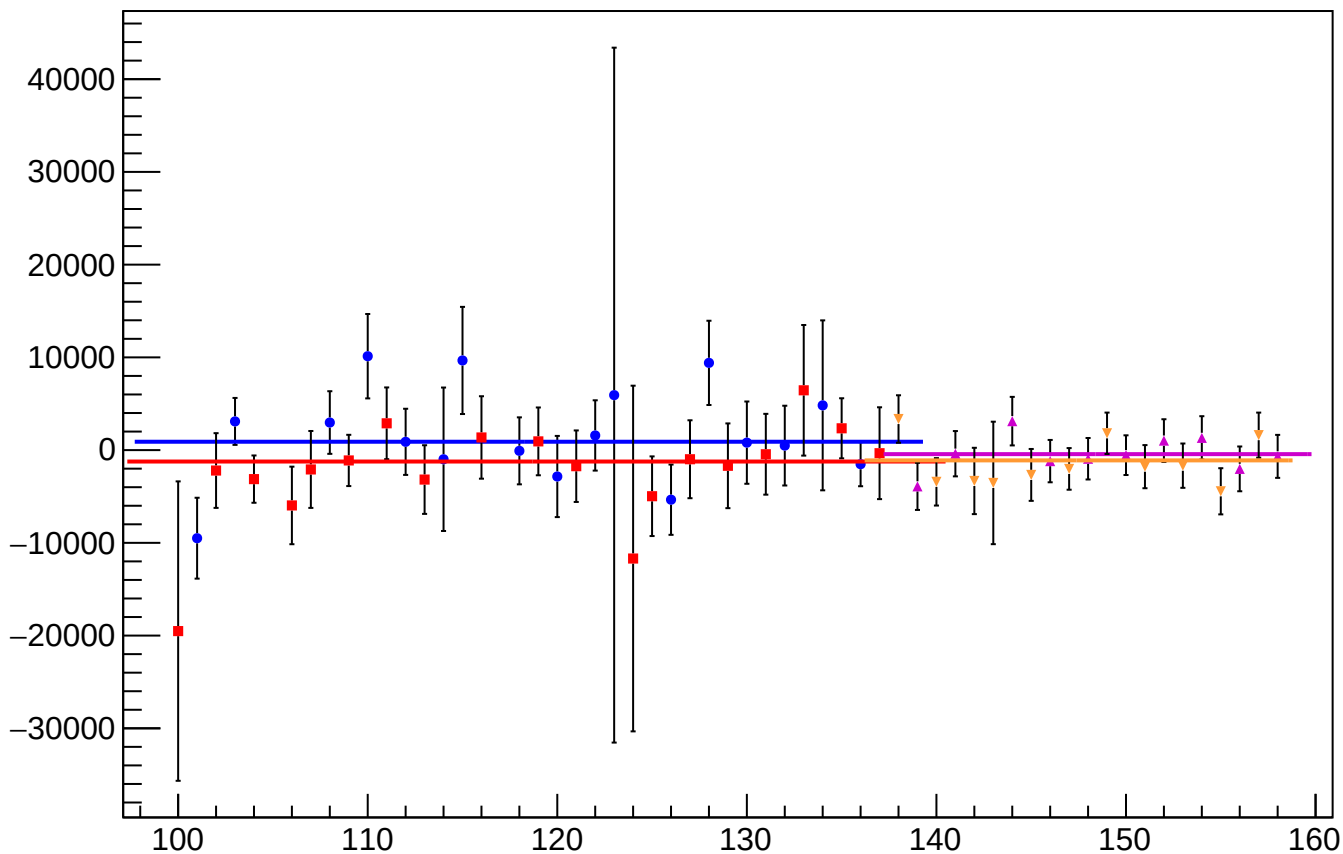
Left In: 3876.957+/-0.956 χ^2/NDF : 57831.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3927.497+/-0.692 χ^2/NDF : 521528.5/20

- 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: -1108.104+/-784.621 χ^2/NDF : 9.8/10

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

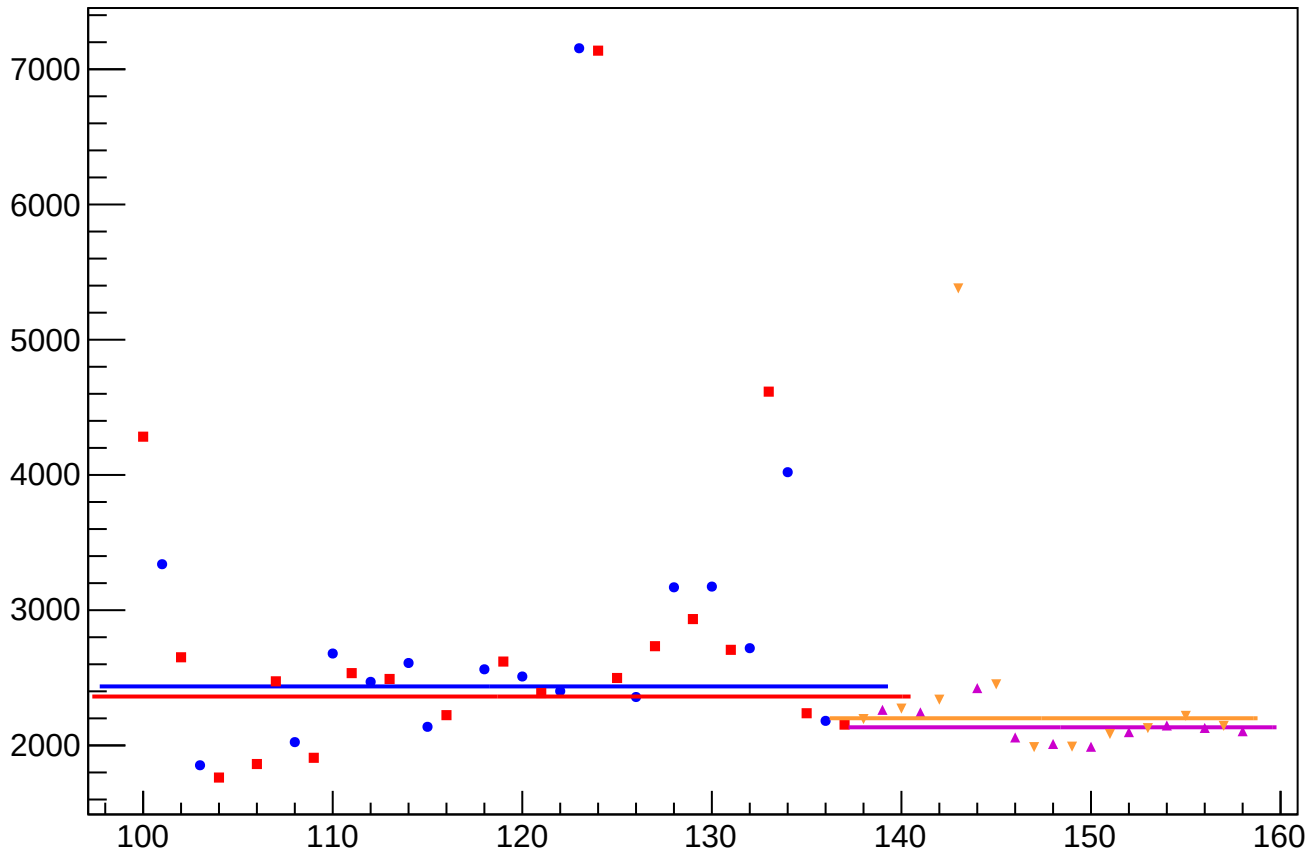
Left In: -433.778+/-743.831 χ^2/NDF : 5.3/9

+ sign -304.514+/-608.007 χ^2/NDF : 34.0/27

All: -536.227+/-419.548 χ^2/NDF : 48.9/56

- sign -746.844+/-579.669 χ^2/NDF : 14.6/28

asym_at2_dd_rms vs Slug



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

Left Out: 2200.890+/-0.555 χ^2/NDF : 527871.6/10

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

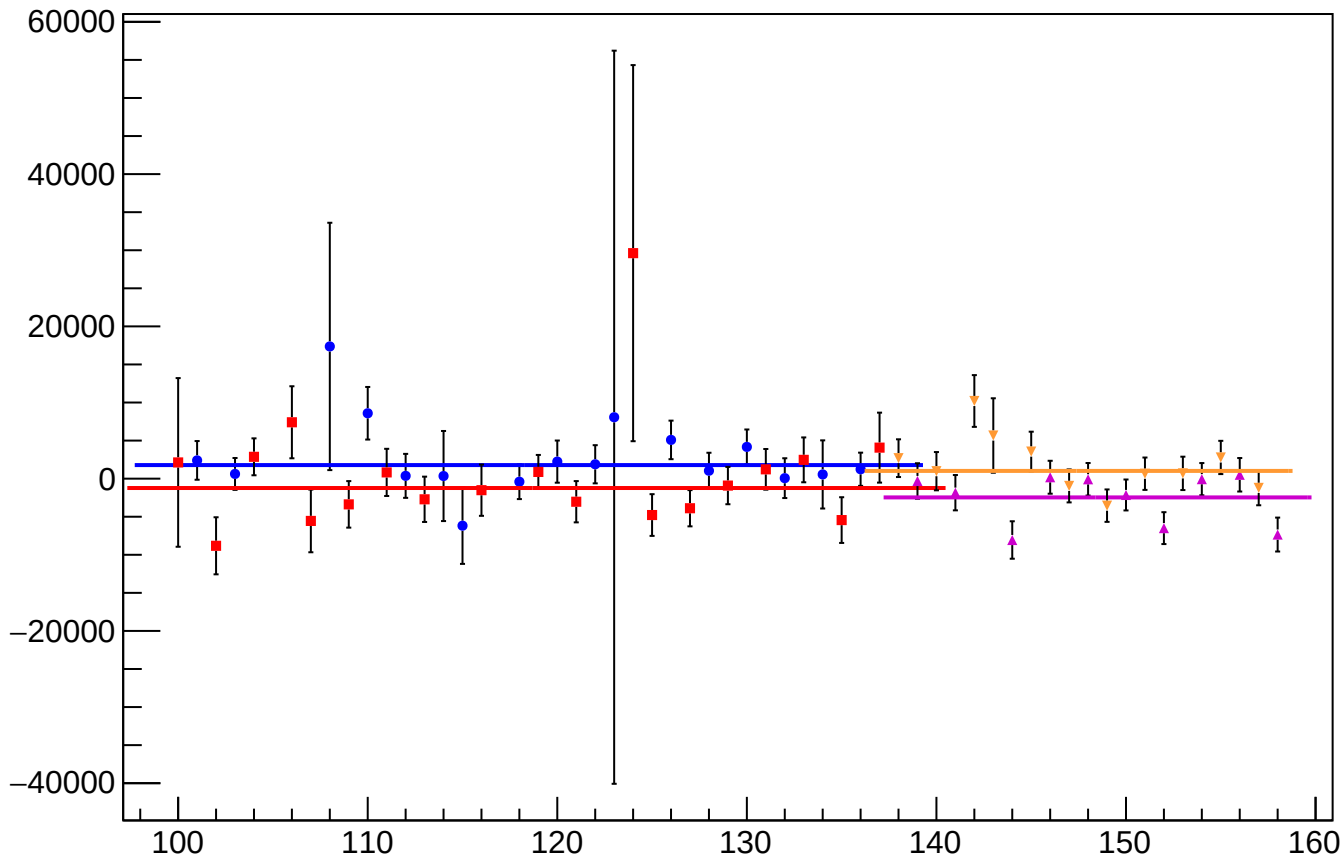
Left In: 2134.004+/-0.526 χ^2/NDF : 51922.0/9

+ sign 2294.924+/-0.430 χ^2/NDF : 1068325.9/27

All: 2257.437+/-0.297 χ^2/NDF : 1864110.5/56

- sign 2223.362+/-0.410 χ^2/NDF : 781270.8/28

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1016.531 $\pm$ 733.071 χ^2 /NDF:16.7/10

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

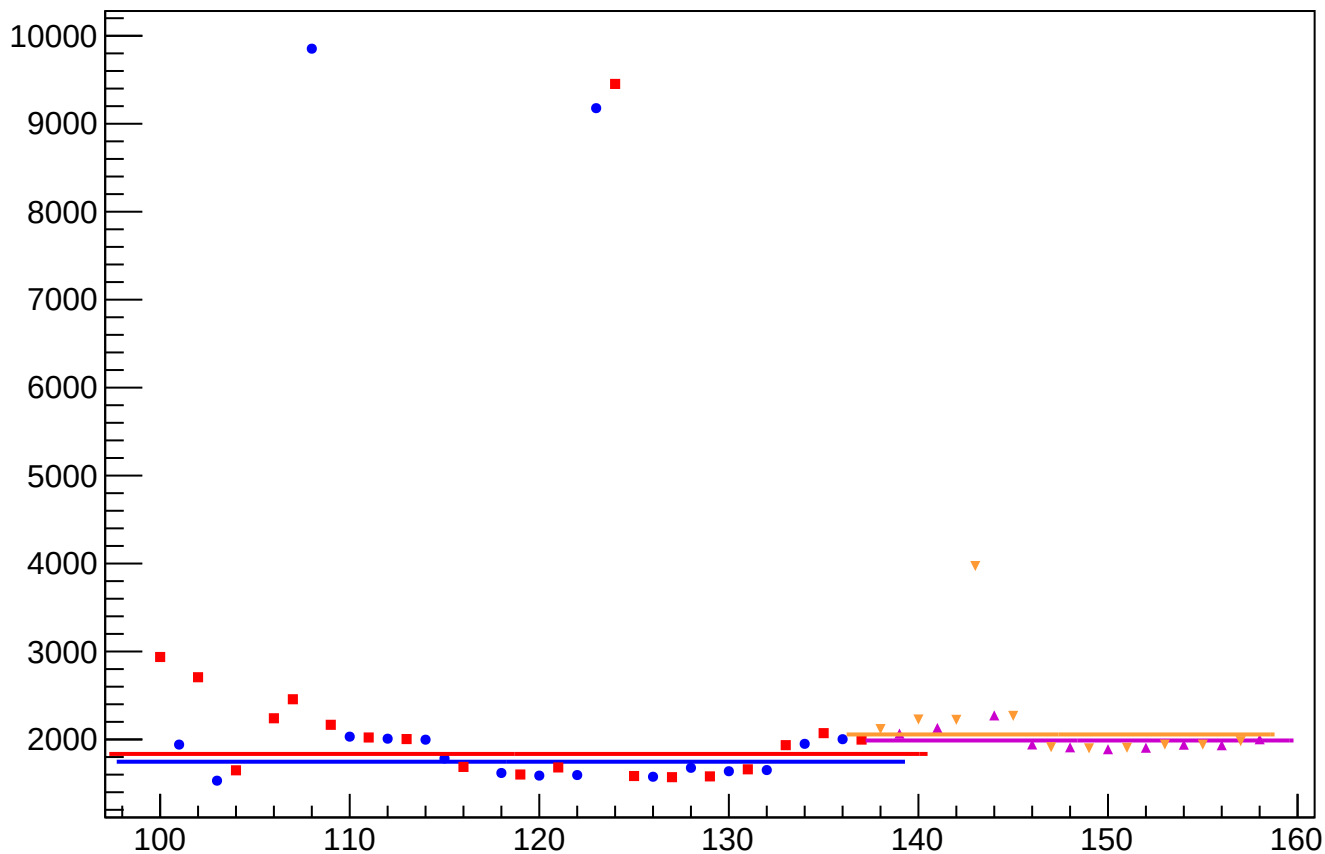
Left In: -2463.504 $\pm$ 694.964 χ^2 /NDF:20.5/9

+ sign 1420.779 $\pm$ 504.133 χ^2 /NDF: 29.7/27

All: -245.242 $\pm$ 353.568 χ^2 /NDF: 97.4/56

- sign -1857.991 $\pm$ 496.008 χ^2 /NDF: 46.3/28

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2056.890+/-0.518 χ^2/NDF : 378494.7/10

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

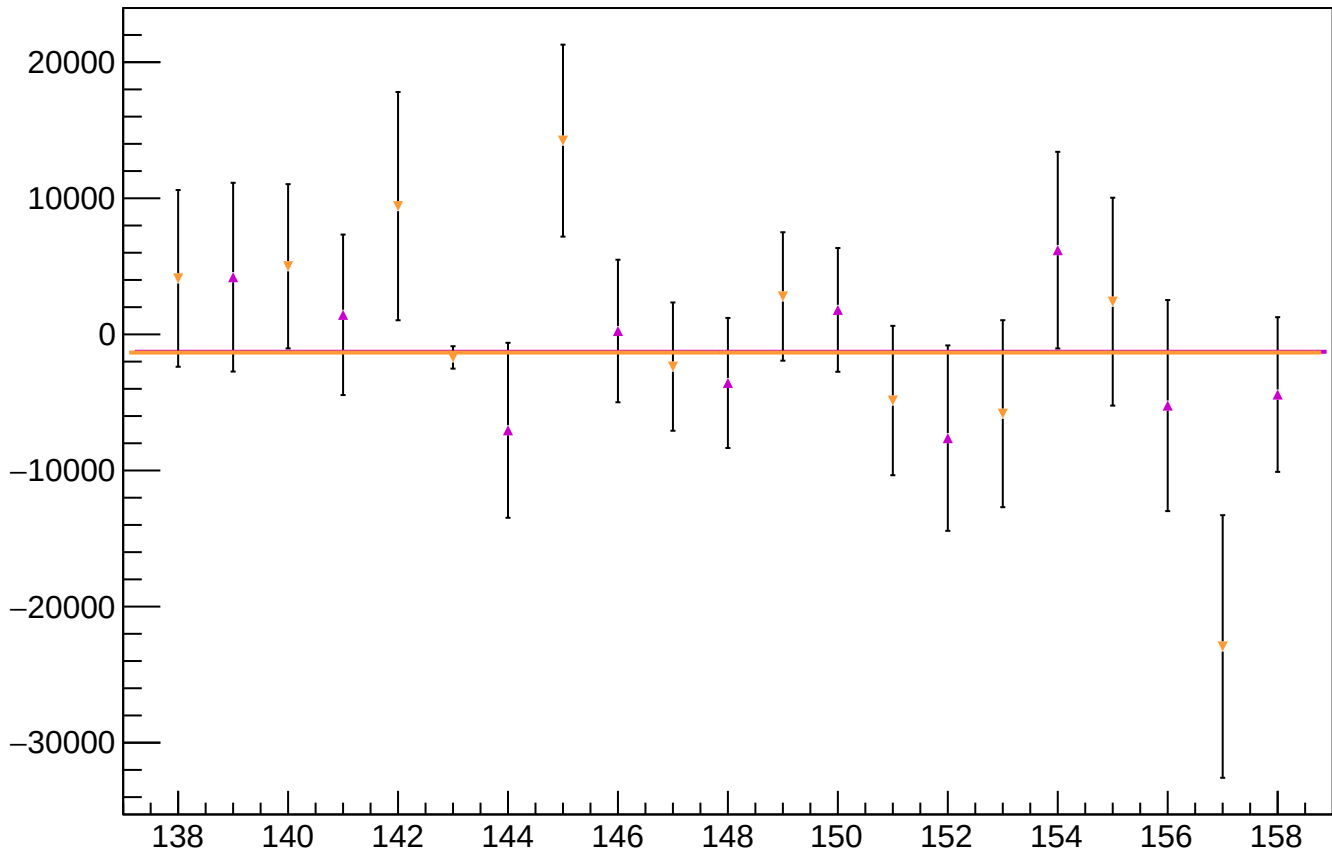
Left In: 1988.253+/-0.491 χ^2/NDF : 50415.3/9

+ sign 1893.471+/-0.356 χ^2/NDF : 1249552.4/27

All: 1903.490+/-0.250 χ^2/NDF : 1899440.5/56

- sign 1913.177+/-0.351 χ^2/NDF : 648334.4/28

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1333.862+/-760.415 χ^2/NDF :15.4/10

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

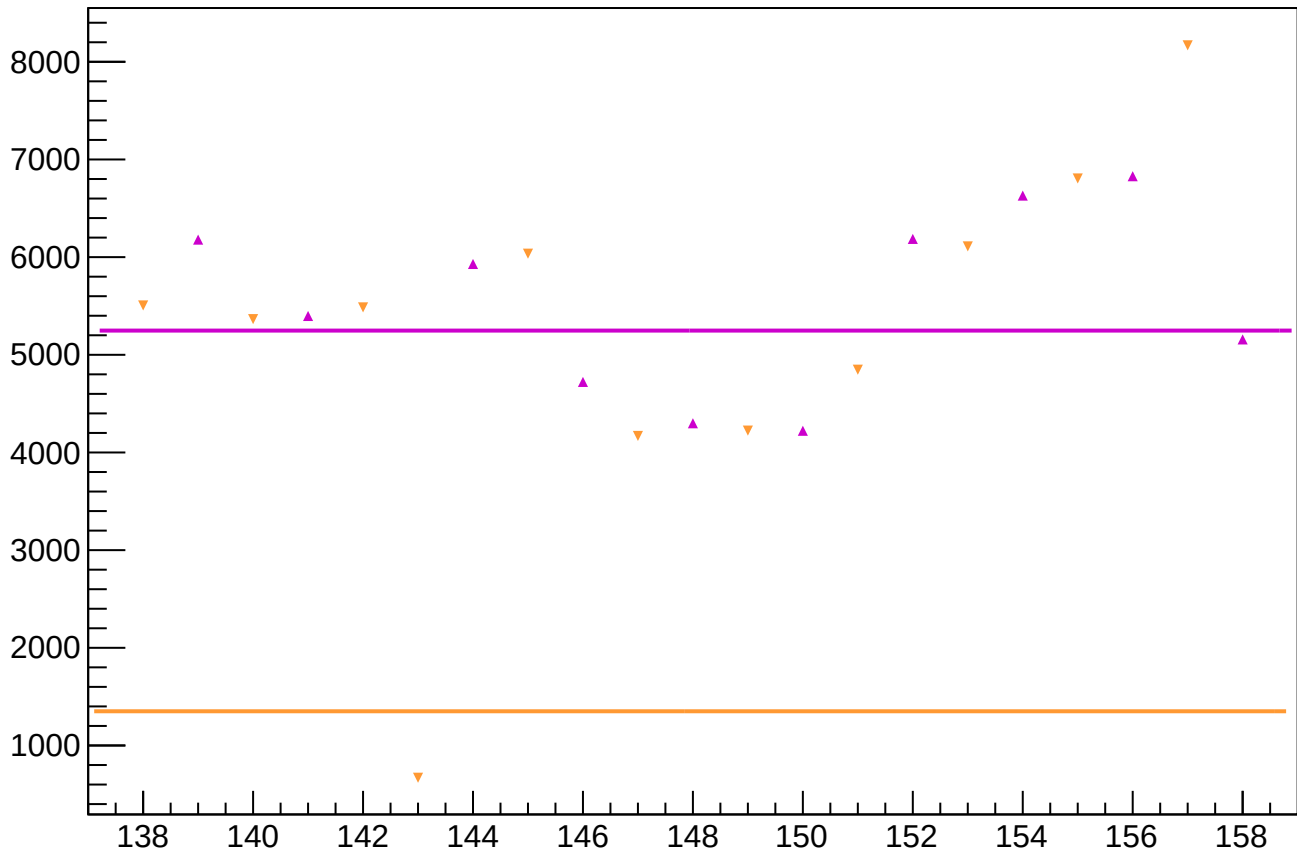
Left In: -1277.312+/-1854.541 χ^2/NDF :4.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1325.723+/-703.568 χ^2/NDF : 20.3/20

- 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: 1350.276+/-0.538 χ^2/NDF : 9685590.7/10

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

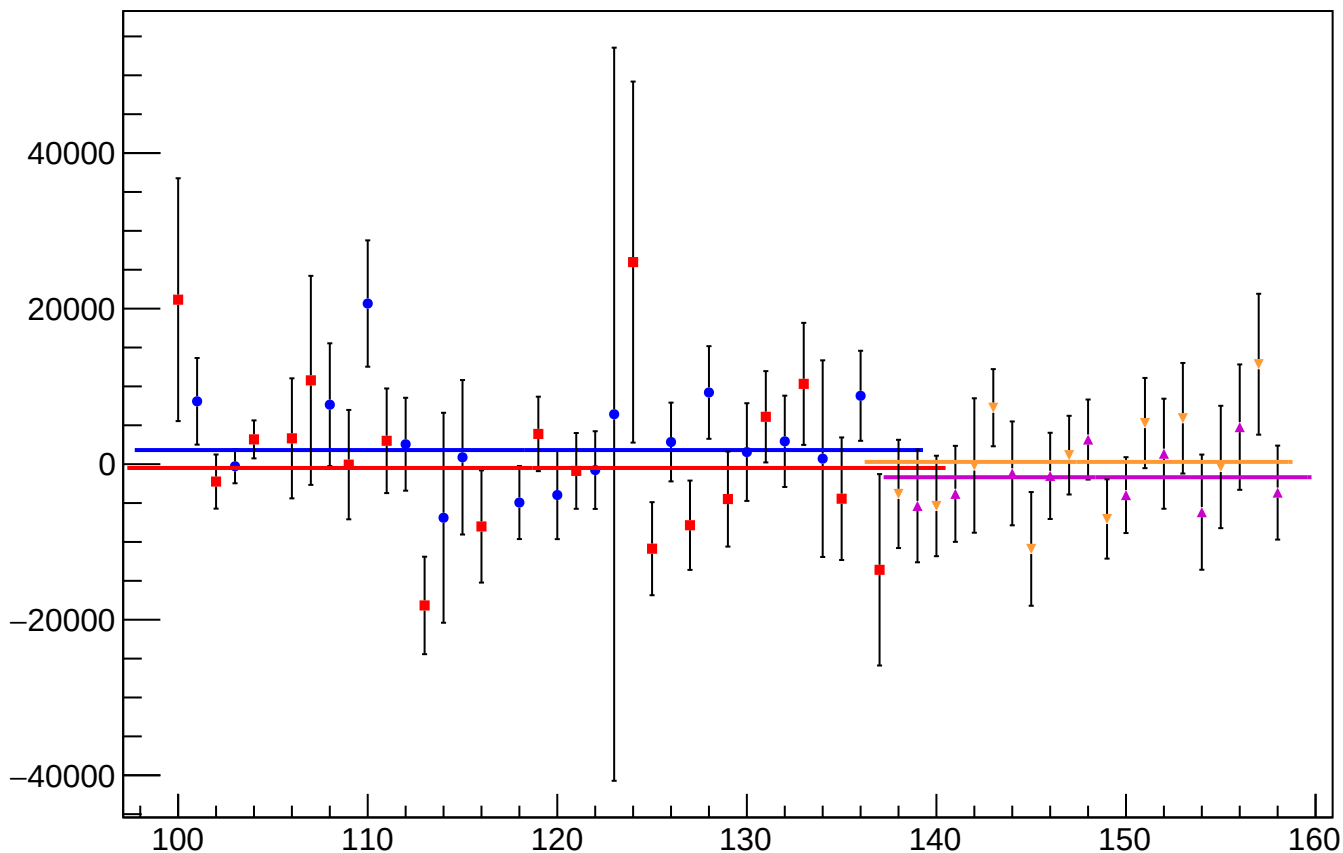
Left In: 5247.997+/-1.311 χ^2/NDF : 455552.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1911.259+/-0.497 χ^2/NDF : 17704067.8/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 293.884+/-1914.952 χ^2/NDF : 10.8/10

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

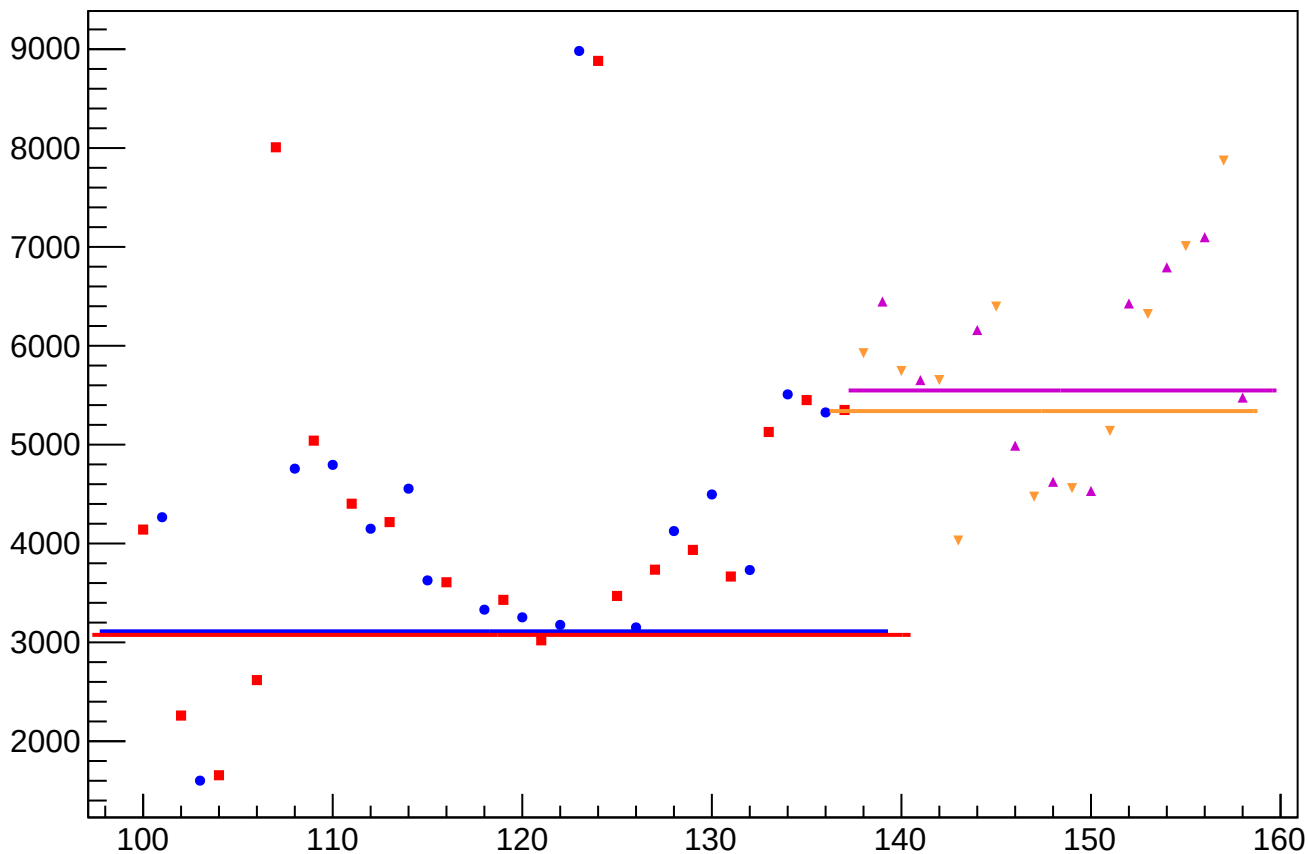
Left In: -1678.196+/-1957.258 χ^2/NDF : 2.8/9

+ sign 1333.965+/-1076.313 χ^2/NDF : 26.3/27

All: 241.878+/-760.536 χ^2/NDF : 57.8/56

- sign -847.161+/-1074.810 χ^2/NDF : 29.5/28

asym_atl_avg_rms vs Slug



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

Left Out: 5339.597+/-1.354 χ^2 /NDF: 598082.8/10

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

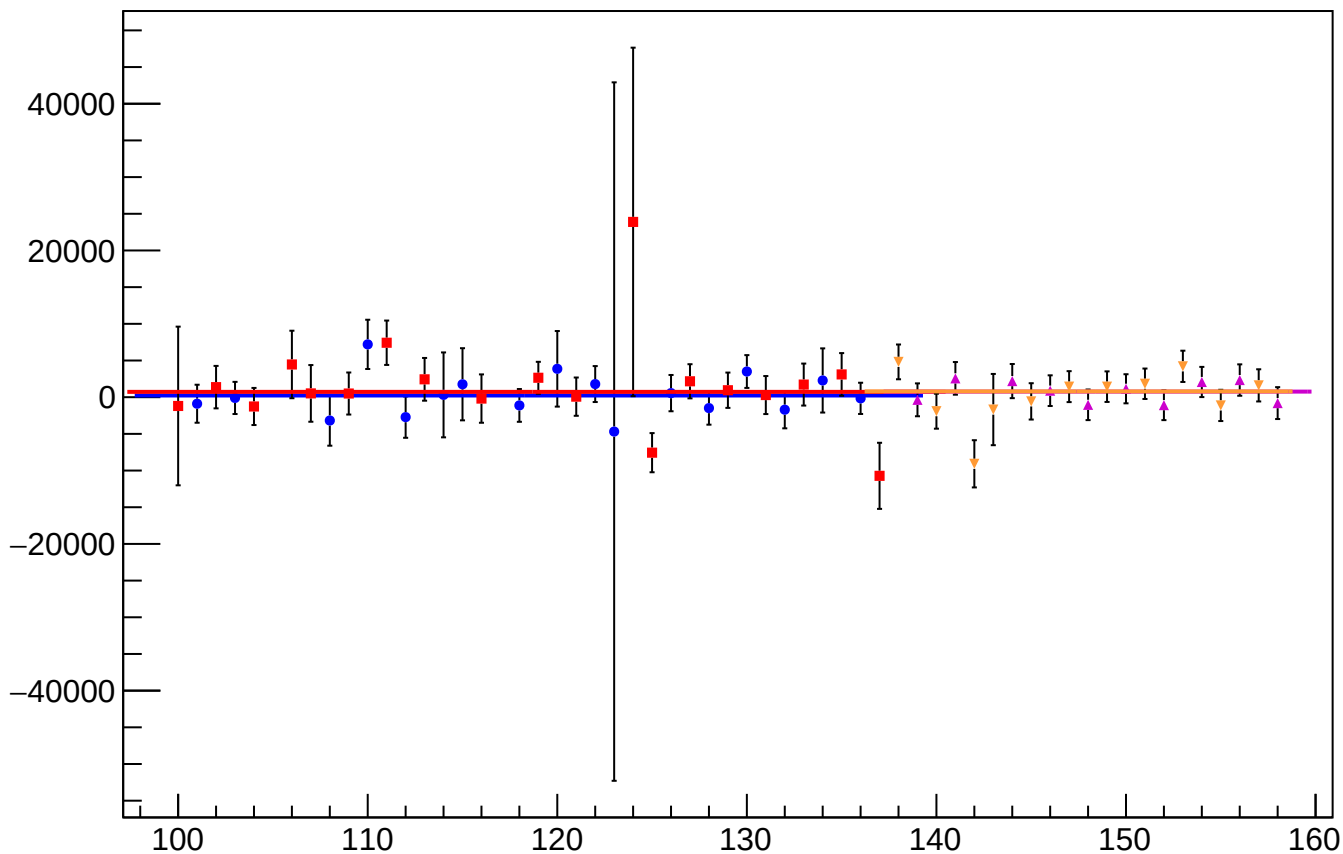
Left In: 5547.960+/-1.384 χ^2 /NDF: 381485.6/9

+ sign 3815.411+/-0.761 χ^2 /NDF: 4329218.5/27

All: 3810.751+/-0.535 χ^2 /NDF: 8968349.5/56

- sign 3806.199+/-0.752 χ^2 /NDF: 4639056.9/28

dit_asym_atl_dd_mean vs Slug



Right In: 232.323 $\pm$ 686.786 χ^2 /NDF: 11.5/16

Left Out: 789.892 $\pm$ 708.491 χ^2 /NDF:18.1/10

Right Out: 726.169 $\pm$ 684.175 χ^2 /NDF: 25.8/18

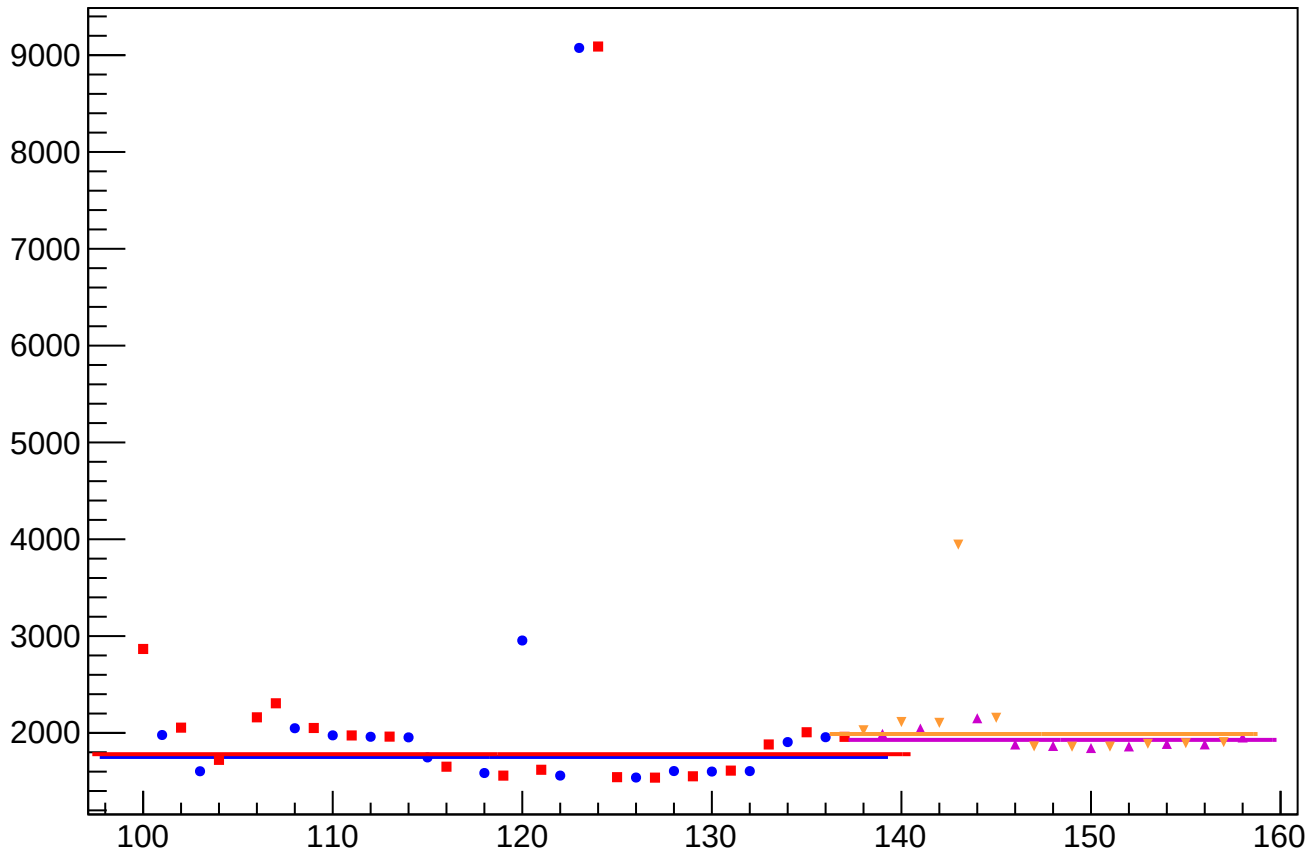
Left In: 761.774 $\pm$ 673.558 χ^2 /NDF:4.4/9

+ sign 502.436 $\pm$ 493.126 χ^2 /NDF: 30.0/27

All: 626.607 $\pm$ 343.953 χ^2 /NDF: 60.2/56

- sign 744.250 $\pm$ 479.987 χ^2 /NDF: 30.2/28

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1988.694+/-0.501 χ^2/NDF : 376749.8/10

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

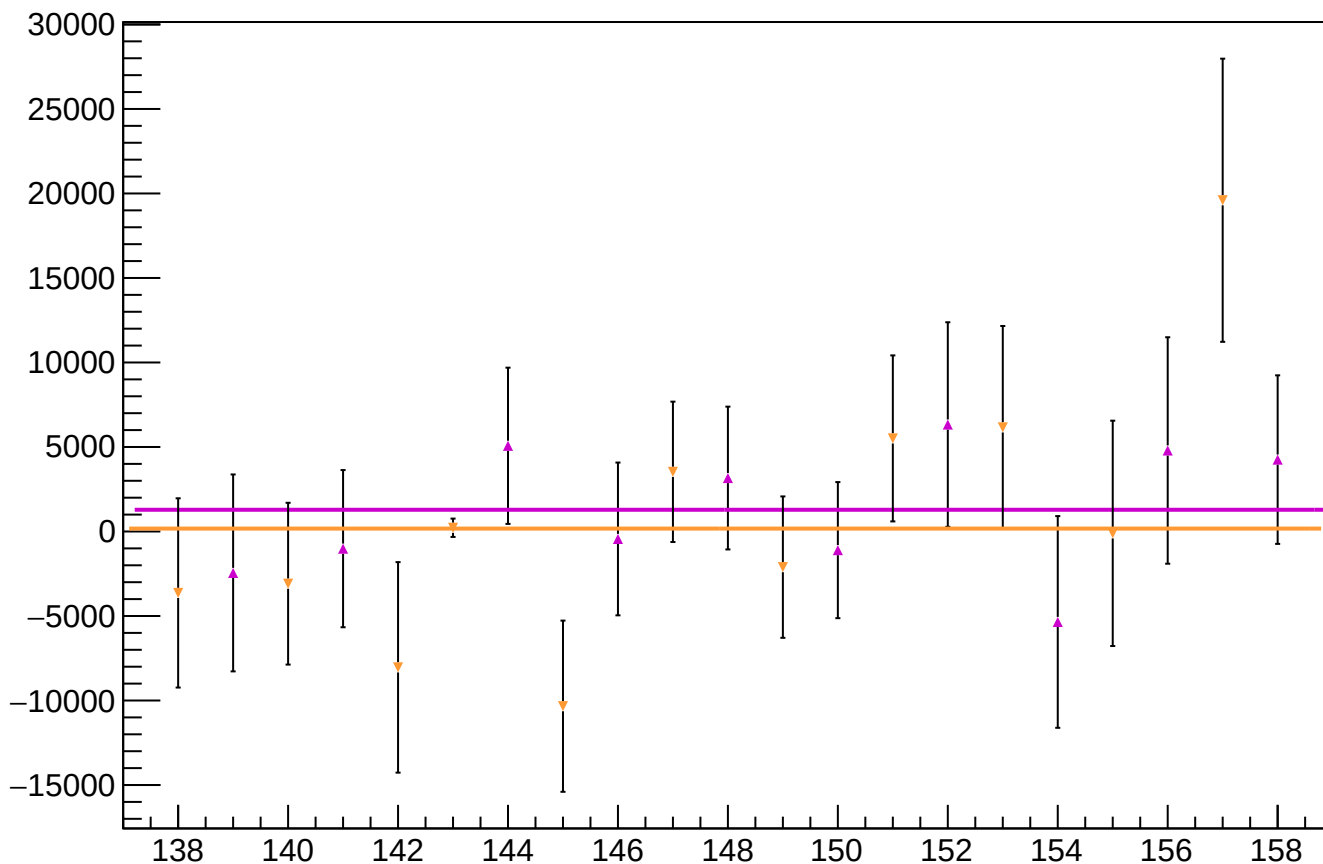
Left In: 1928.021+/-0.476 χ^2/NDF : 36139.9/9

+ sign 1866.588+/-0.349 χ^2/NDF : 792875.9/27

All: 1860.712+/-0.243 χ^2/NDF : 1305377.5/56

- sign 1855.154+/-0.339 χ^2/NDF : 511949.0/28

asym_atl_dd_correction_mean vs Slug



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

Left Out: 172.367+/-516.124 χ^2/NDF : 15.5/10

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

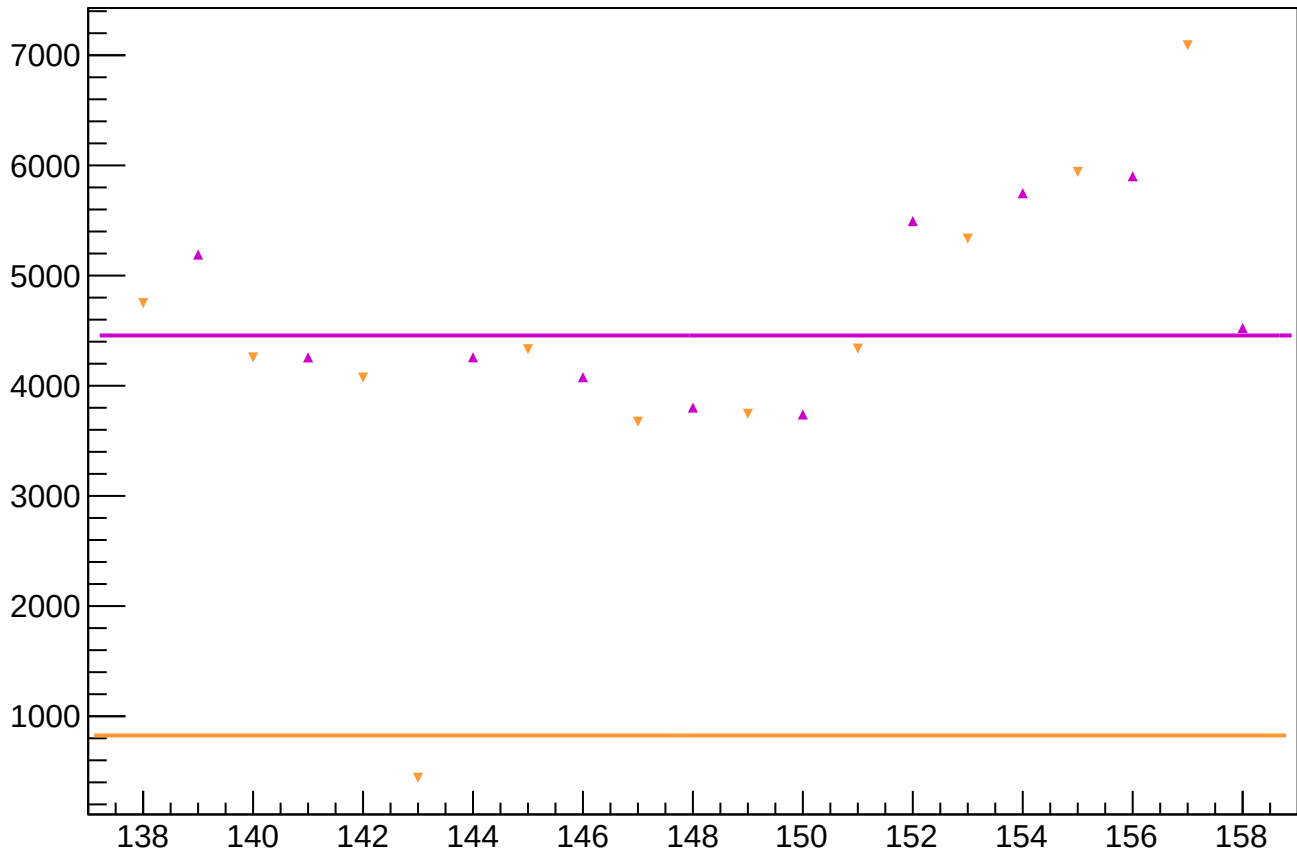
Left In: 1285.304+/-1572.301 χ^2/NDF : 4.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.626+/-490.379 χ^2/NDF : 20.4/20

- 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: 825.687+/-0.365 χ^2/NDF :10876702.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

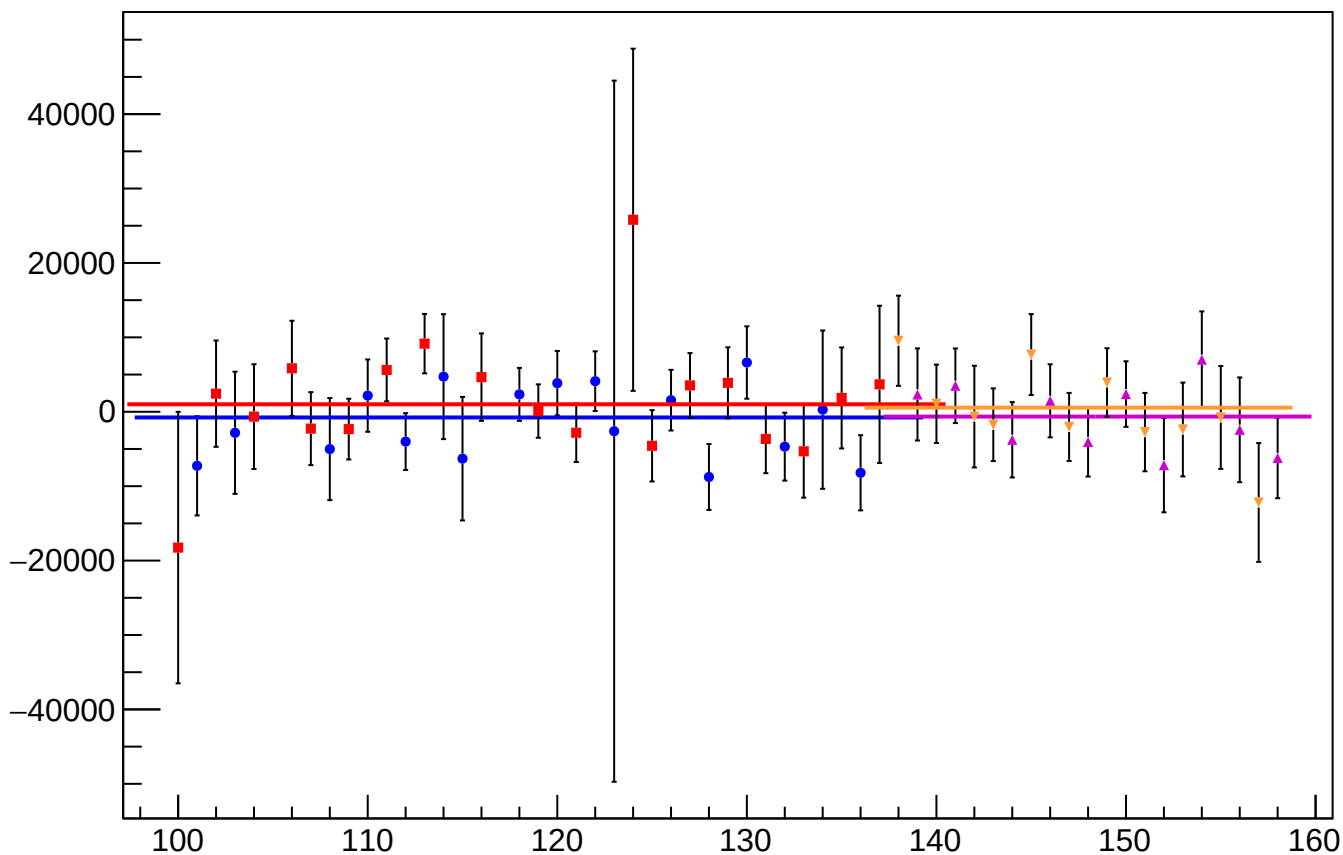
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1178.841+/-0.347 χ^2/NDF : 20904979.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4456.235+/-1.112 χ^2/NDF :401973.4/9

asym_atl_dd_mean vs Slug



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

Left Out: 551.757 ± 1682.334 χ^2/NDF : 8.2/10

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

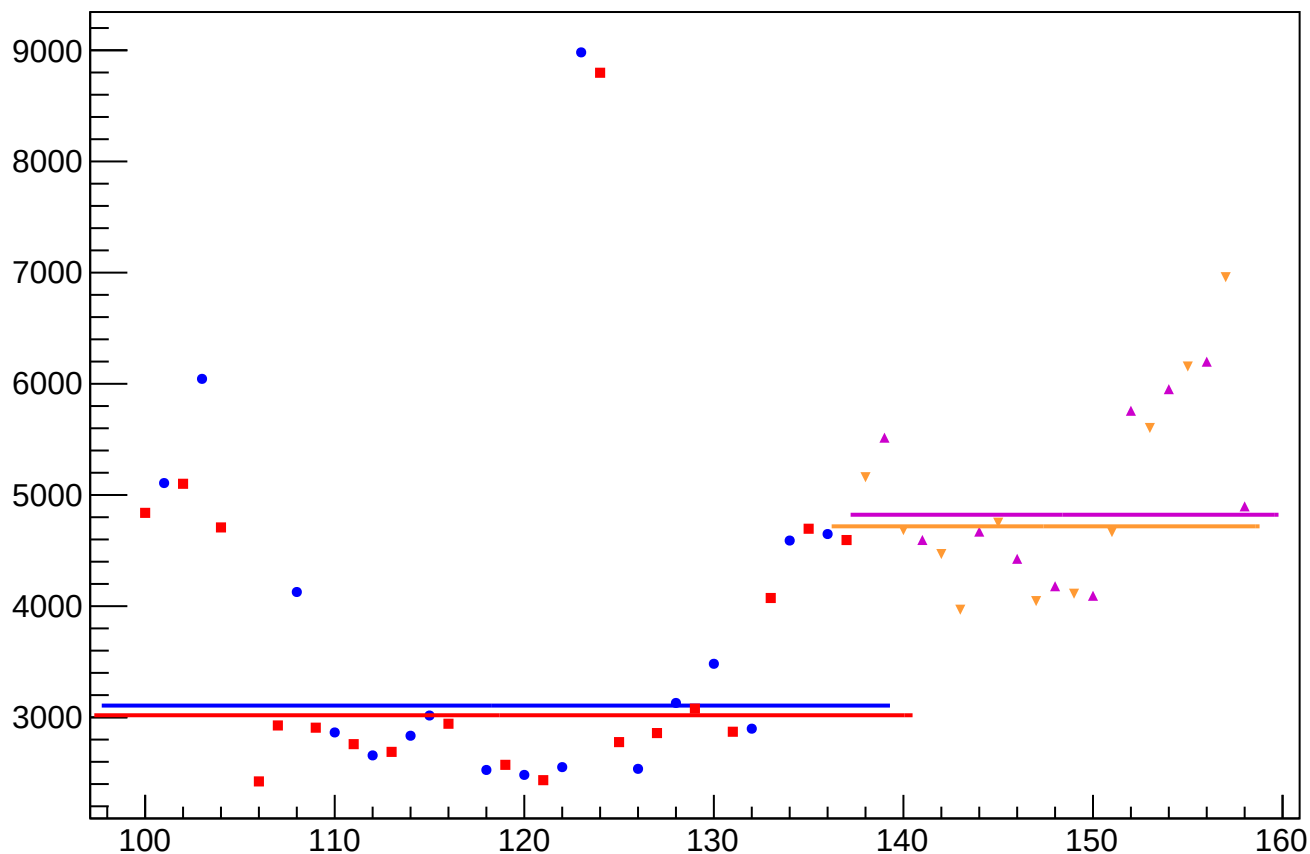
Left In: -646.483 ± 1697.333 χ^2/NDF : 6.1/9

+ sign -297.808 ± 1002.165 χ^2/NDF : 24.2/27

All: 91.470 ± 698.834 χ^2/NDF : 46.2/56

- sign 459.926 ± 974.995 χ^2/NDF : 21.7/28

asym_atl_dd_rms vs Slug



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

Left Out: 4718.030+/-1.190 χ^2/NDF : 422133.8/10

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

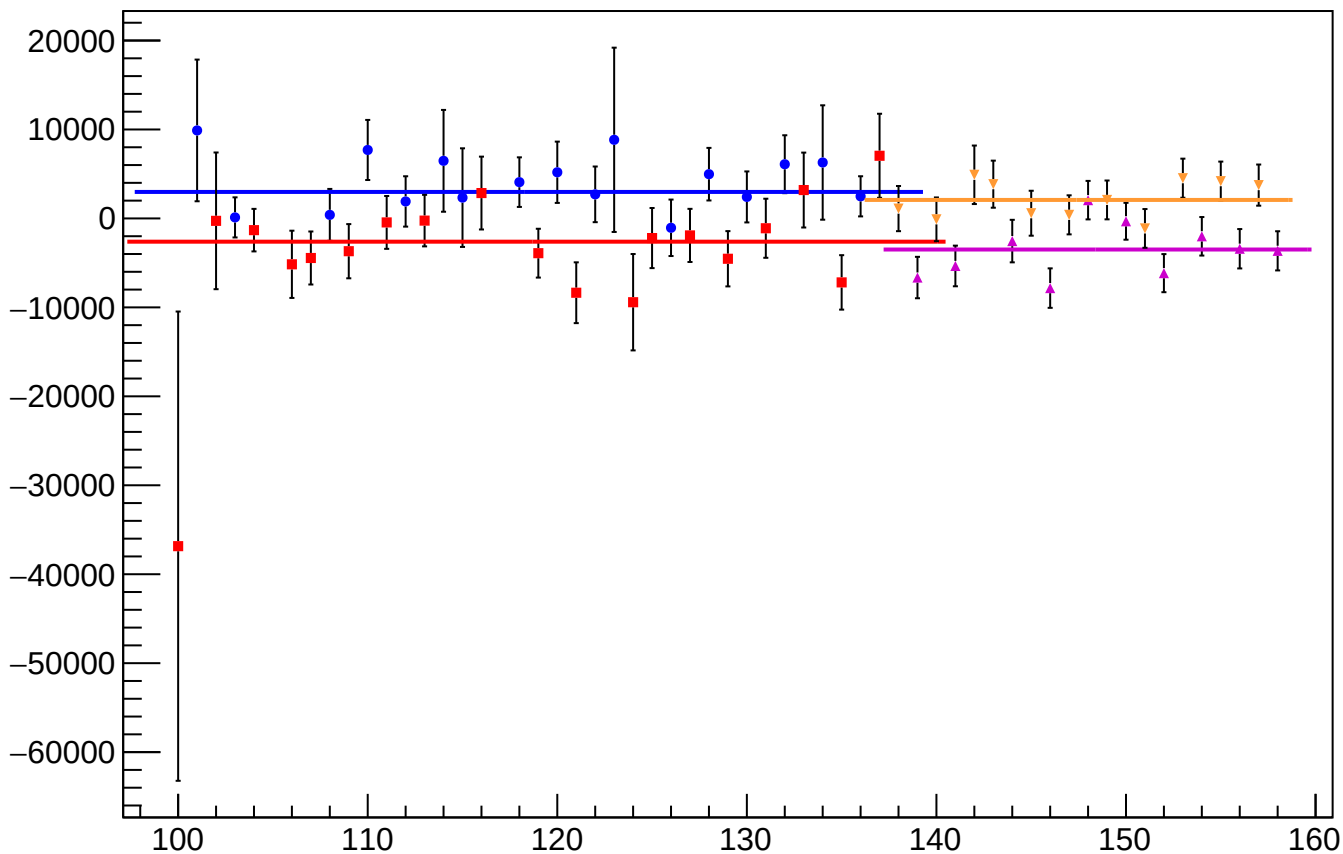
Left In: 4822.308+/-1.200 χ^2/NDF : 318010.0/9

+ sign 3677.941+/-0.709 χ^2/NDF : 2566883.2/27

All: 3639.609+/-0.492 χ^2/NDF : 5210271.4/56

- sign 3603.934+/-0.684 χ^2/NDF : 2637739.0/28

dit_asym_atr_avg_mean vs Slug



Right In: 2978.445 $\pm$ 795.398 χ^2 /NDF: 9.9/16

Left Out: 2078.876 $\pm$ 717.663 χ^2 /NDF: 7.9/10

Right Out: -2613.881 $\pm$ 783.228 χ^2 /NDF: 19.6/18

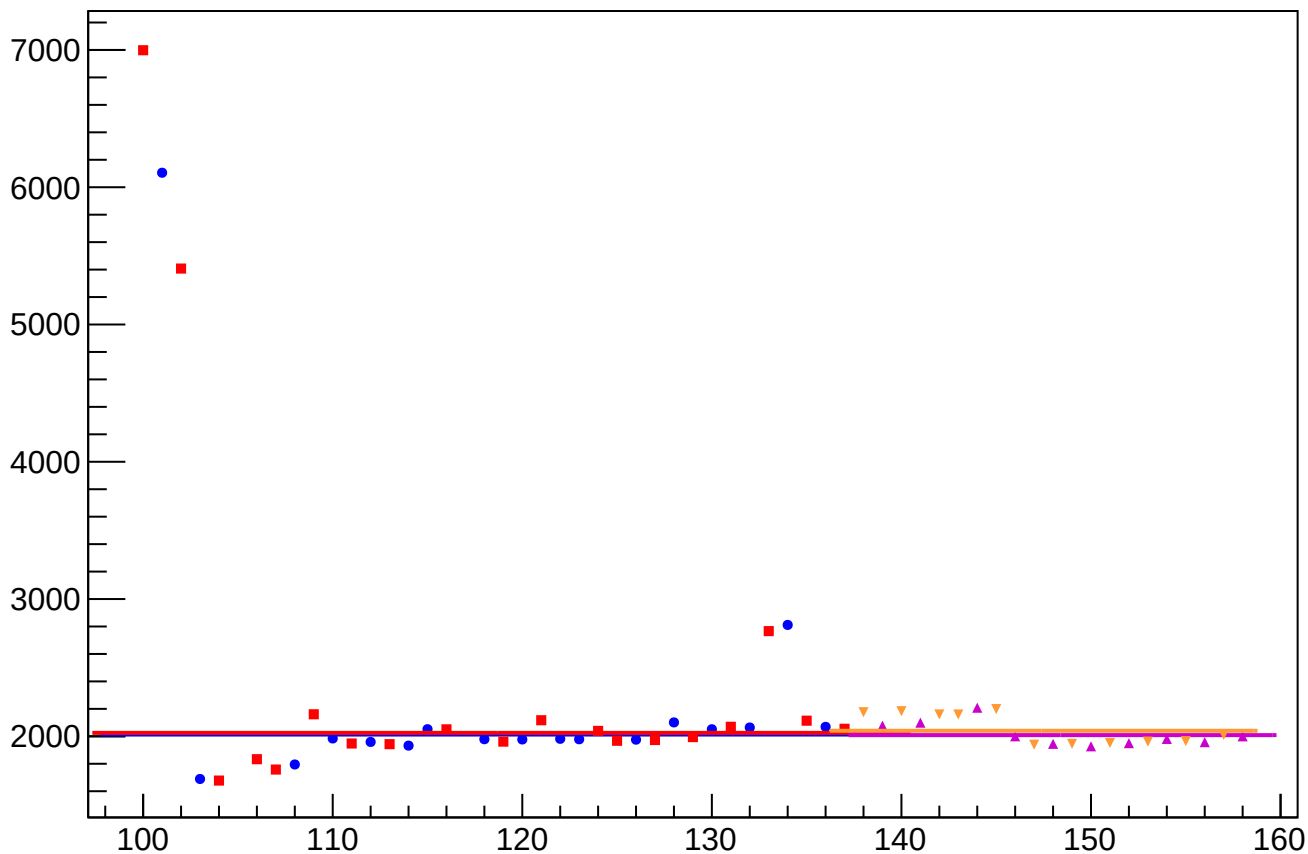
Left In: -3495.468 $\pm$ 699.789 χ^2 /NDF: 17.4/9

+ sign 2482.566 $\pm$ 532.833 χ^2 /NDF: 18.5/27

All: -368.999 $\pm$ 372.823 χ^2 /NDF: 112.3/56

- sign -3104.119 $\pm$ 521.840 χ^2 /NDF: 37.7/28

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2040.359 $\pm$ 0.507 χ^2 /NDF: 43524.9/10

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

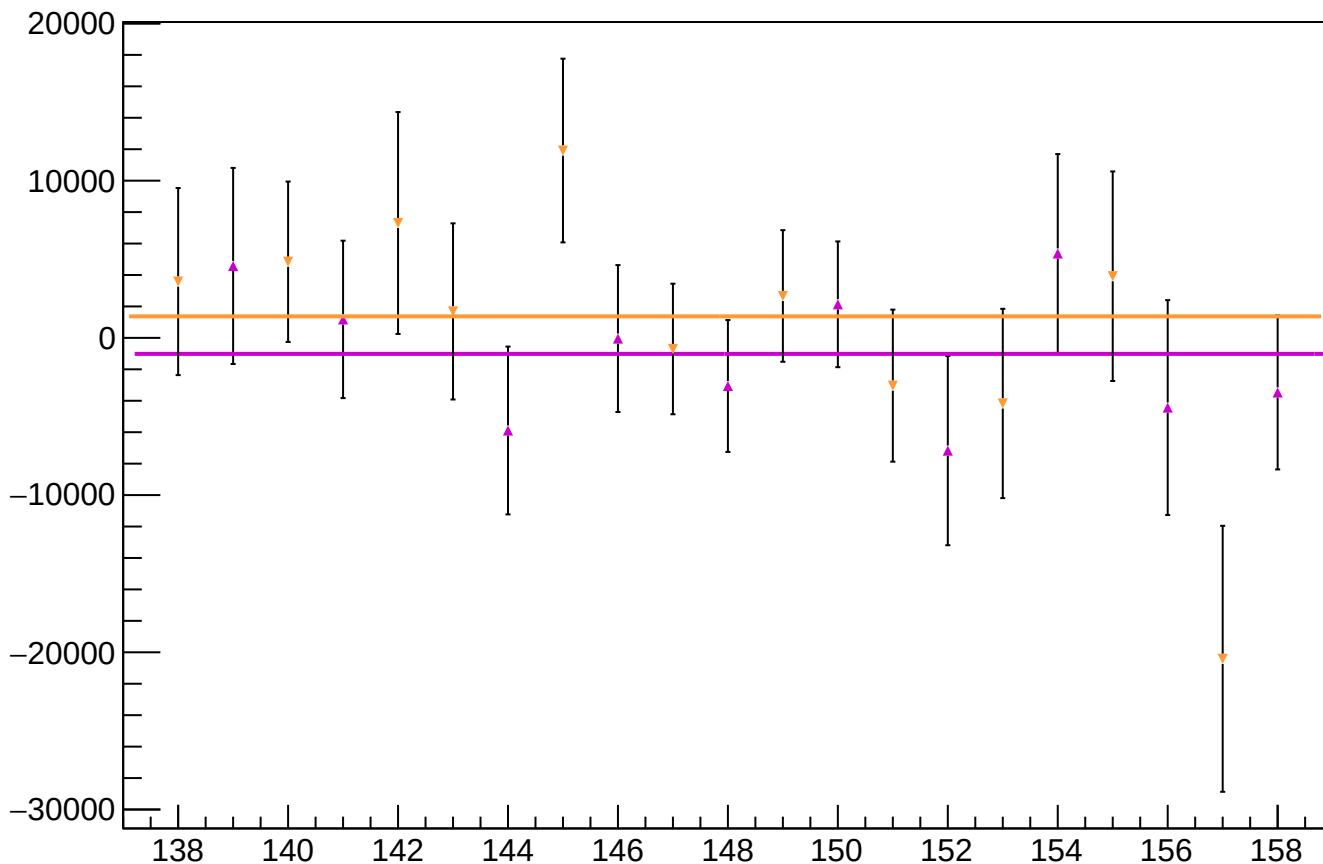
Left In: 2008.652 $\pm$ 0.495 χ^2 /NDF: 26654.8/9

+ sign 2028.057 $\pm$ 0.377 χ^2 /NDF: 662542.0/27

All: 2021.873 $\pm$ 0.264 χ^2 /NDF: 1287635.9/56

- sign 2015.943 $\pm$ 0.369 χ^2 /NDF: 624566.2/28

asym_atr_avg_correction_mean vs Slug



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

Left Out: 1368.005+/-1644.467 χ^2/NDF :13.4/10

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

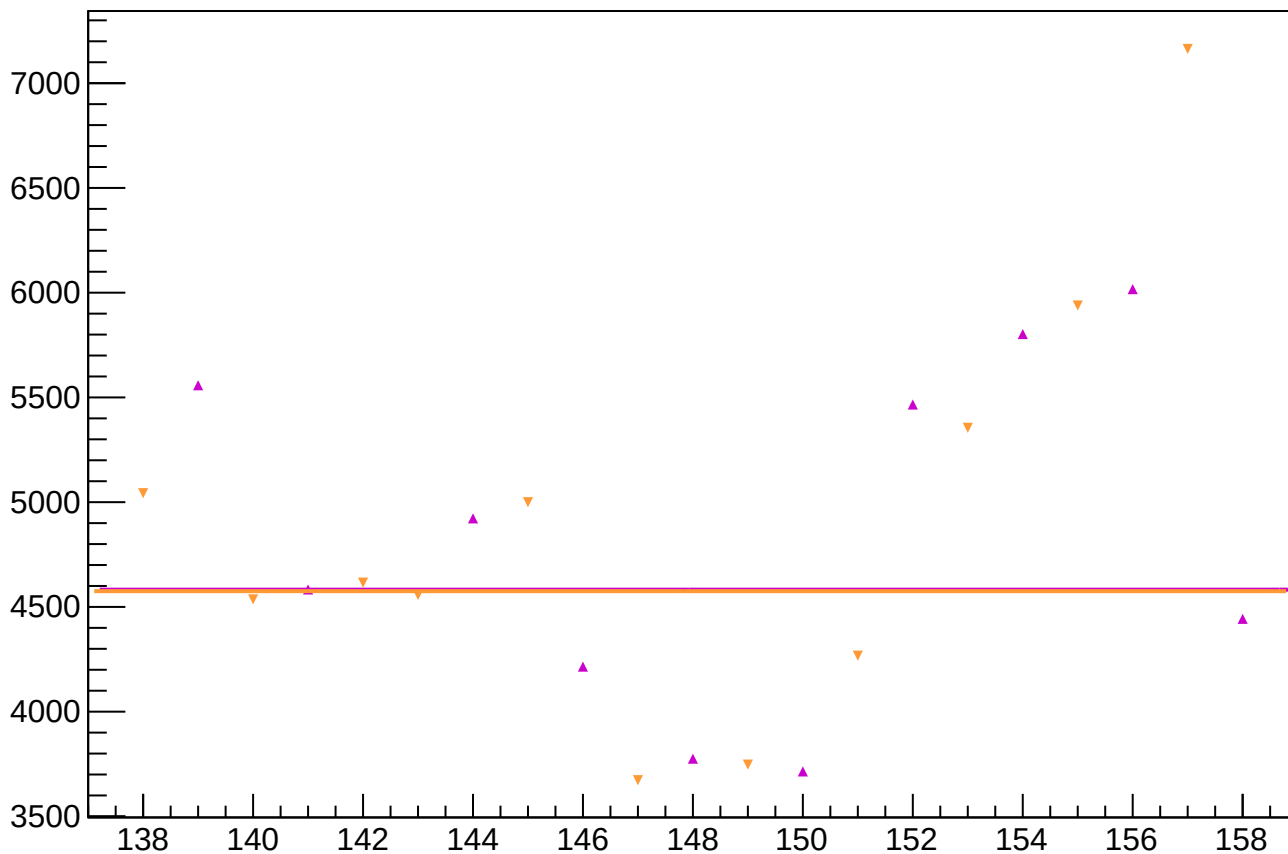
Left In: -1017.451+/-1618.873 χ^2/NDF :5.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.569+/-1153.658 χ^2/NDF : 19.7/20

- 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: 4575.239+/-1.163 χ^2/NDF : 508443.1/10

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

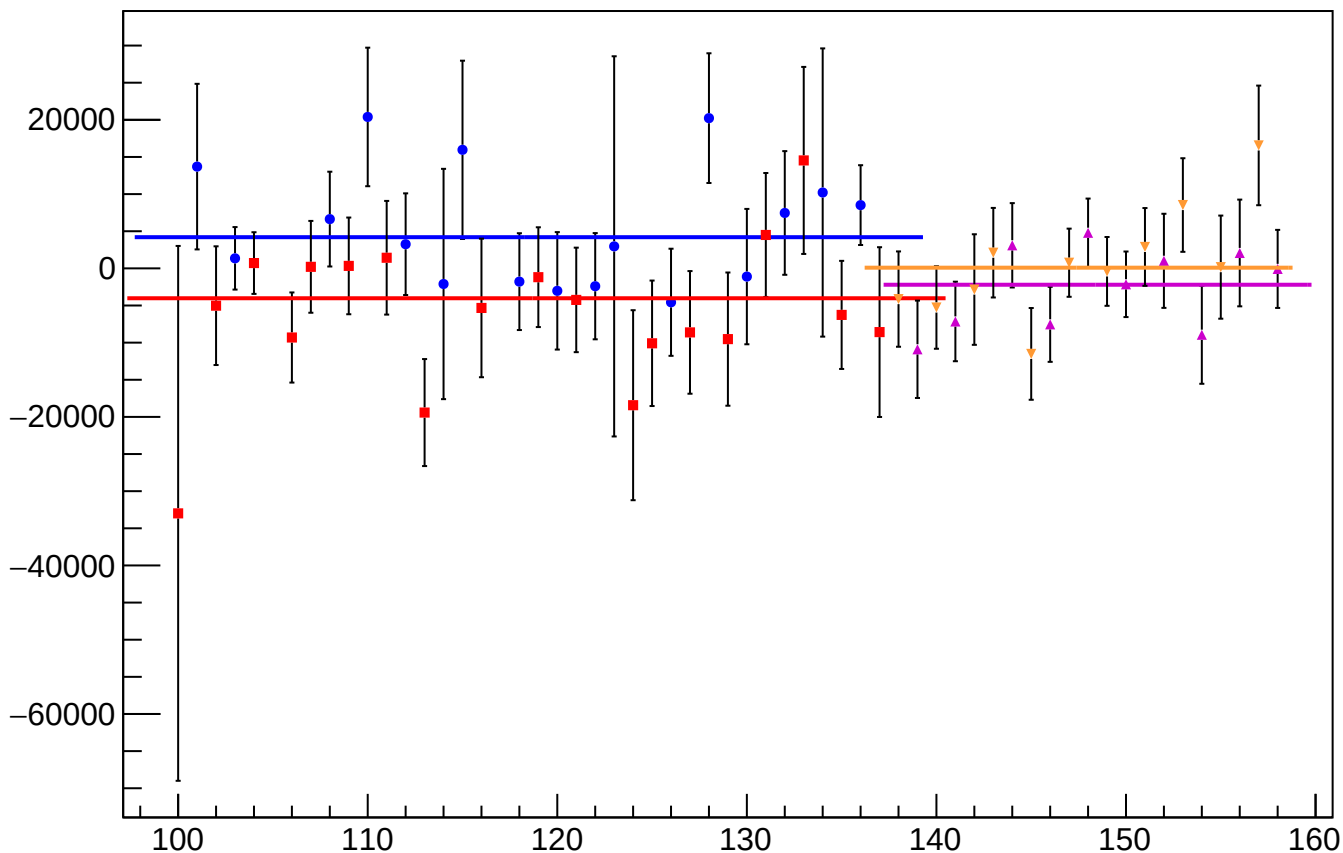
Left In: 4582.361+/-1.145 χ^2/NDF : 444861.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4578.856+/-0.816 χ^2/NDF : 953323.8/20

- 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: 91.916+/-1766.890 χ^2/NDF : 11.5/10

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

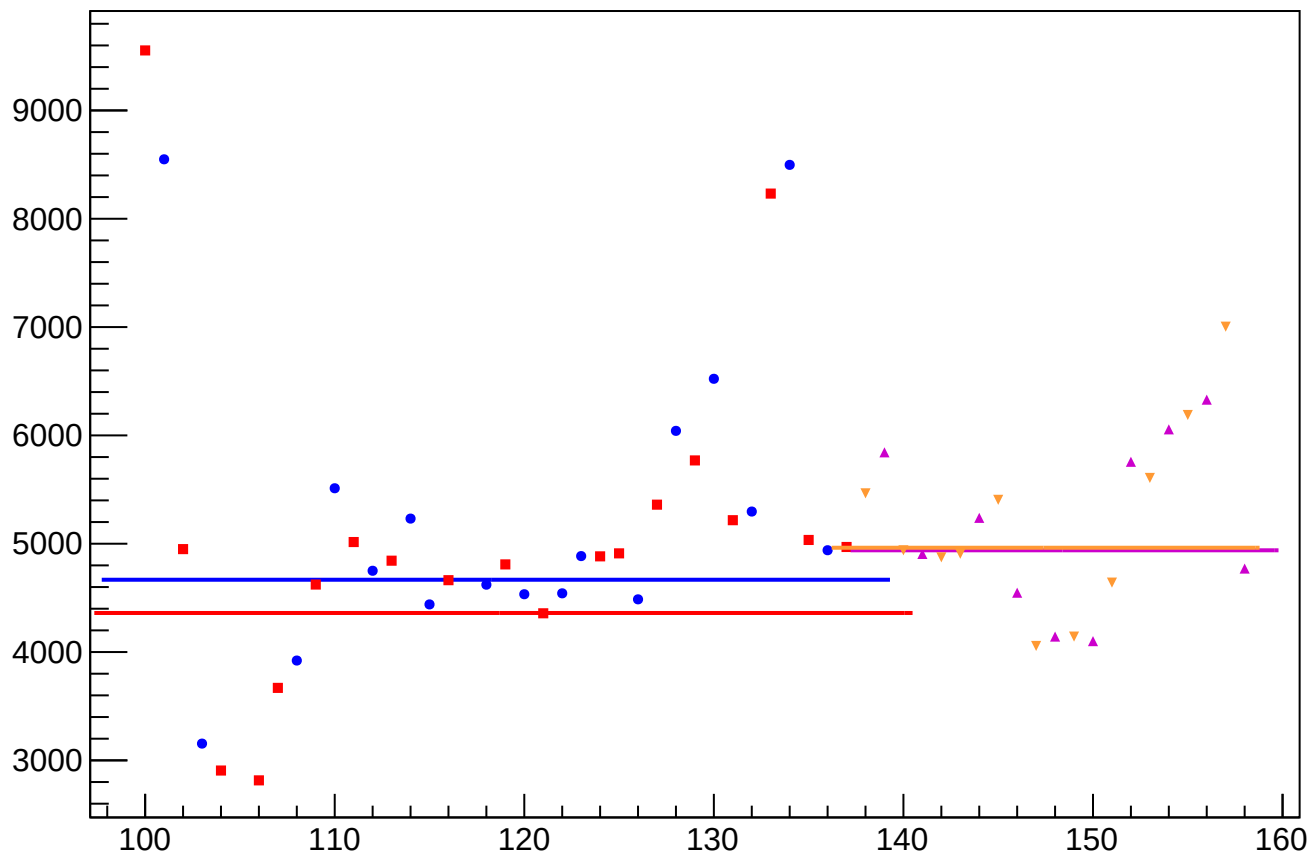
Left In: -2204.948+/-1740.053 χ^2/NDF : 8.7/9

+ sign 2042.401+/-1280.314 χ^2/NDF : 28.1/27

All: -653.588+/-885.158 χ^2/NDF : 60.7/56

- sign -3122.117+/-1225.114 χ^2/NDF : 24.1/28

asym_atr_avg_rms vs Slug



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

Left Out: 4962.893+/-1.249 χ^2/NDF : 383007.5/10

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

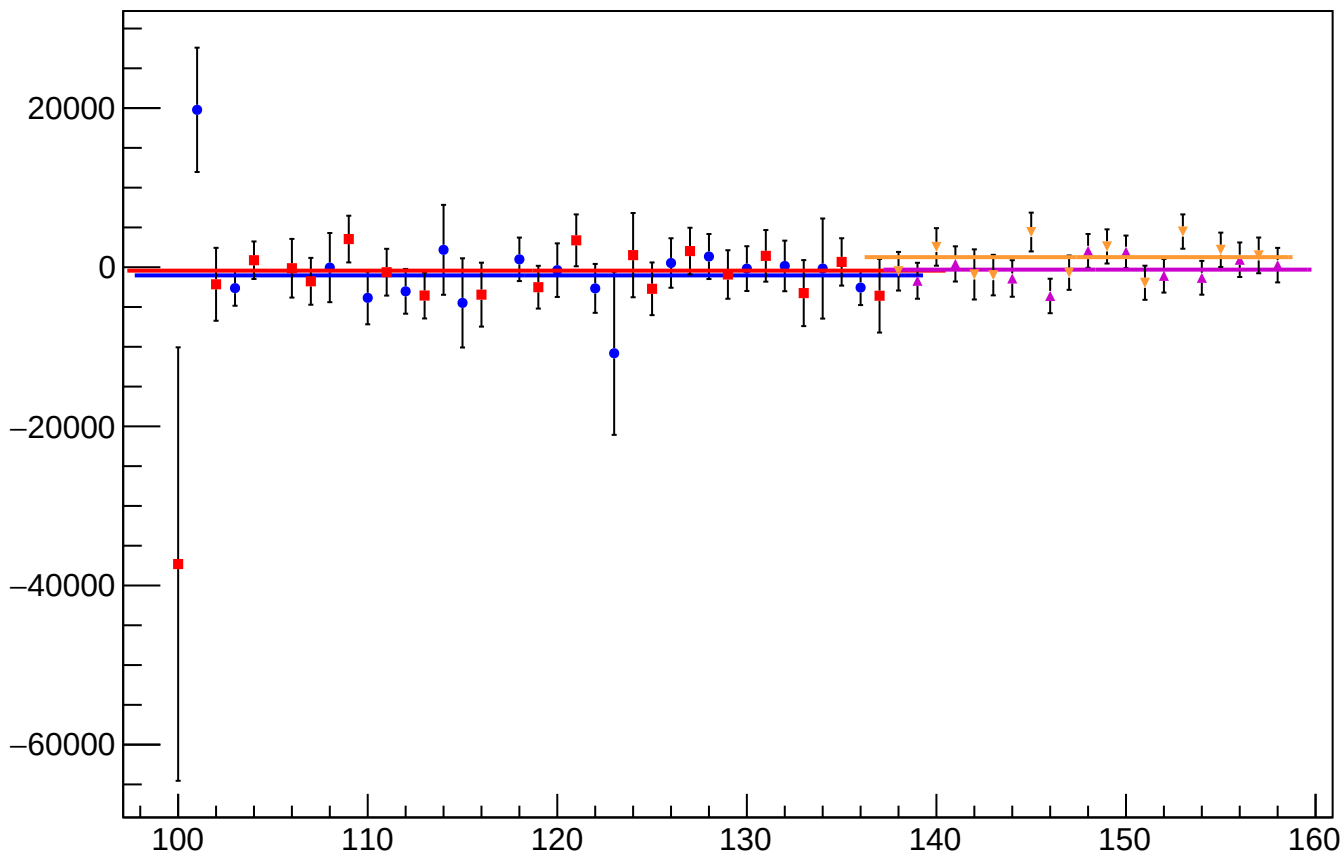
Left In: 4939.292+/-1.230 χ^2/NDF : 355217.1/9

+ sign 4822.587+/-0.905 χ^2/NDF : 1187419.6/27

All: 4730.031+/-0.625 χ^2/NDF : 2507548.5/56

- sign 4645.779+/-0.864 χ^2/NDF : 1300162.4/28

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1267.207 ± 698.522 χ^2/NDF : 9.6/10

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

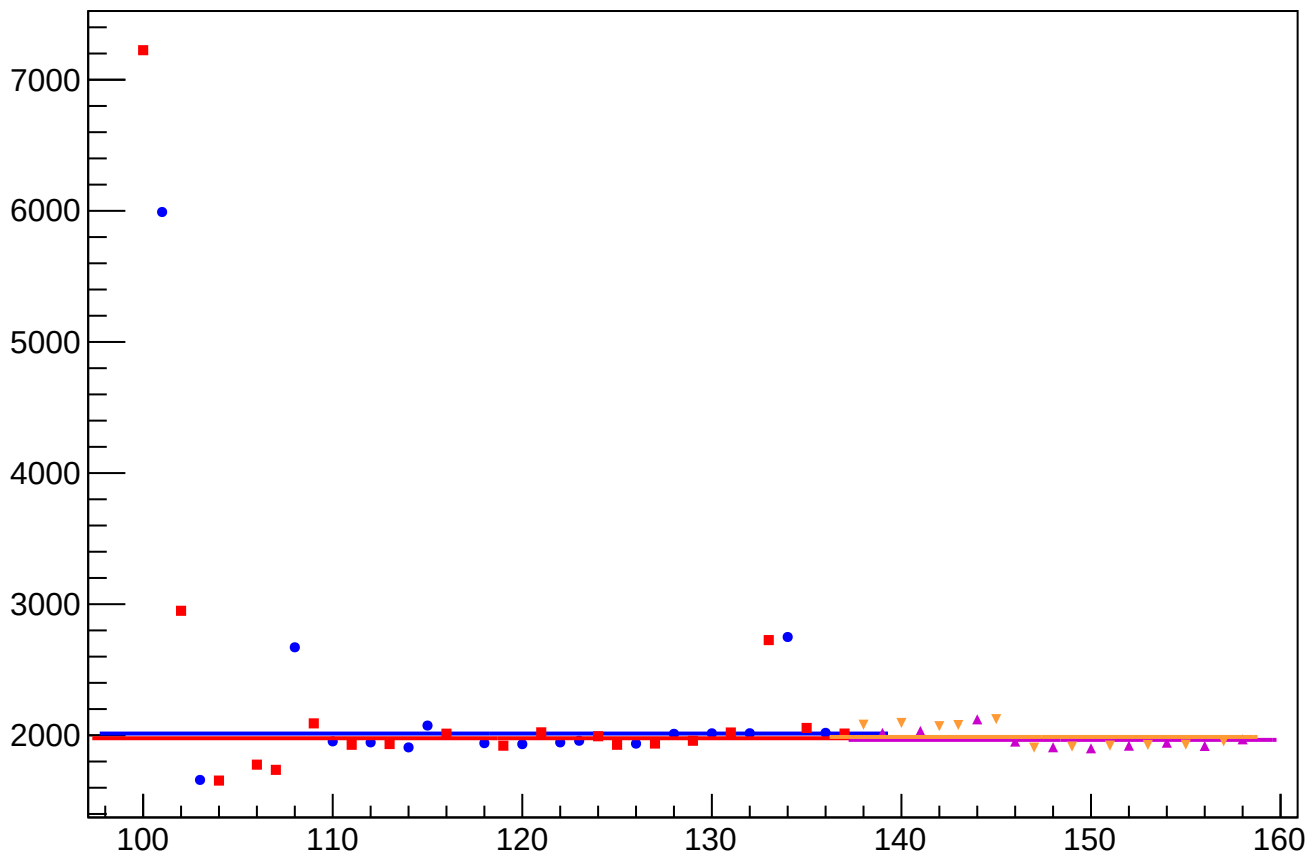
Left In: -303.823 ± 684.382 χ^2/NDF : 6.3/9

+ sign 269.928 ± 525.201 χ^2/NDF : 27.4/27

All: -54.800 ± 365.442 χ^2/NDF : 45.2/56

- sign -359.581 ± 508.814 χ^2/NDF : 17.0/28

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1987.374+/-0.494 χ^2/NDF : 27788.8/10

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

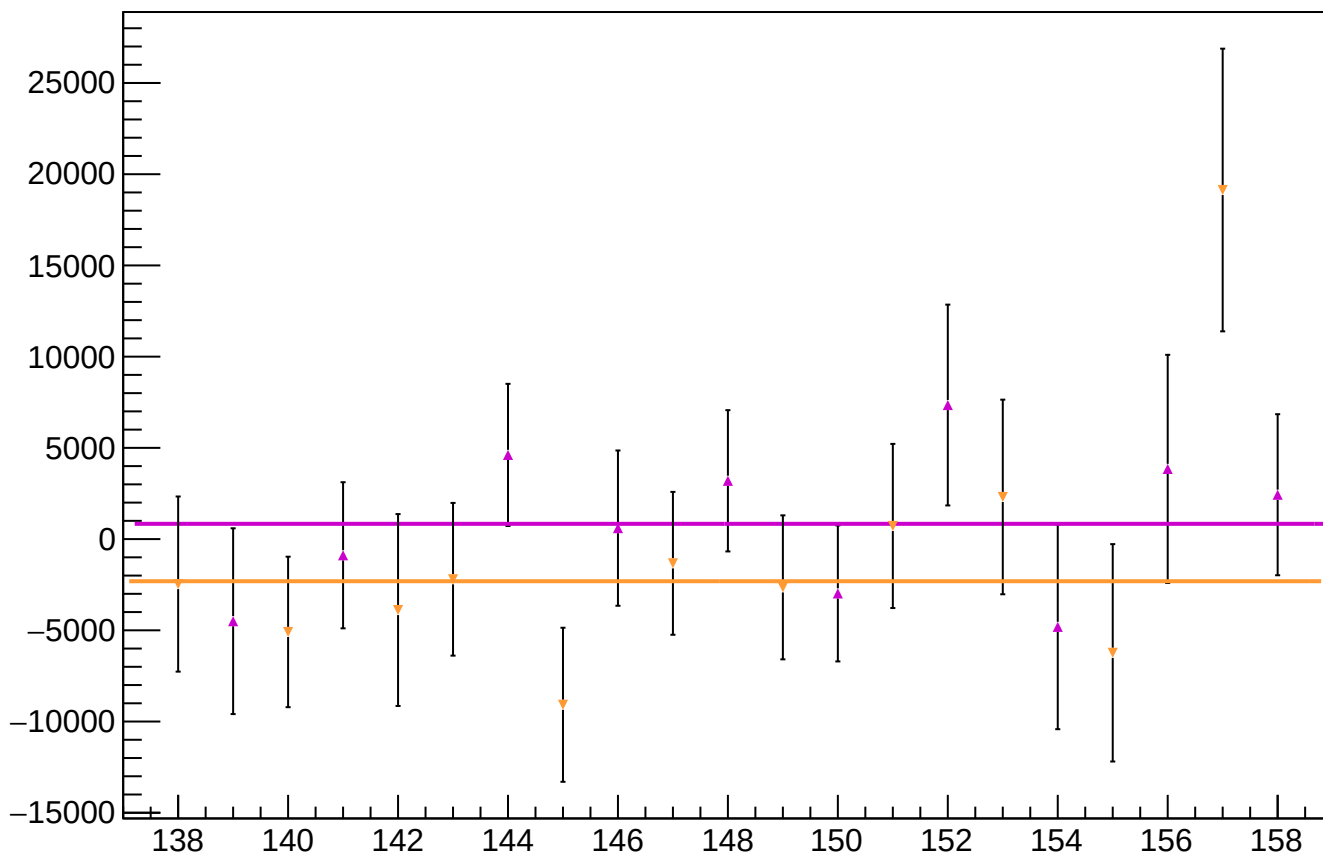
Left In: 1965.066+/-0.484 χ^2/NDF : 17788.0/9

+ sign 1998.631+/-0.371 χ^2/NDF : 679032.3/27

All: 1984.192+/-0.258 χ^2/NDF : 994946.0/56

- sign 1970.654+/-0.360 χ^2/NDF : 312984.9/28

asym_atr_dd_correction_mean vs Slug



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

Left Out: -2309.358+/-1399.743 χ^2/NDF : 12.5/10

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

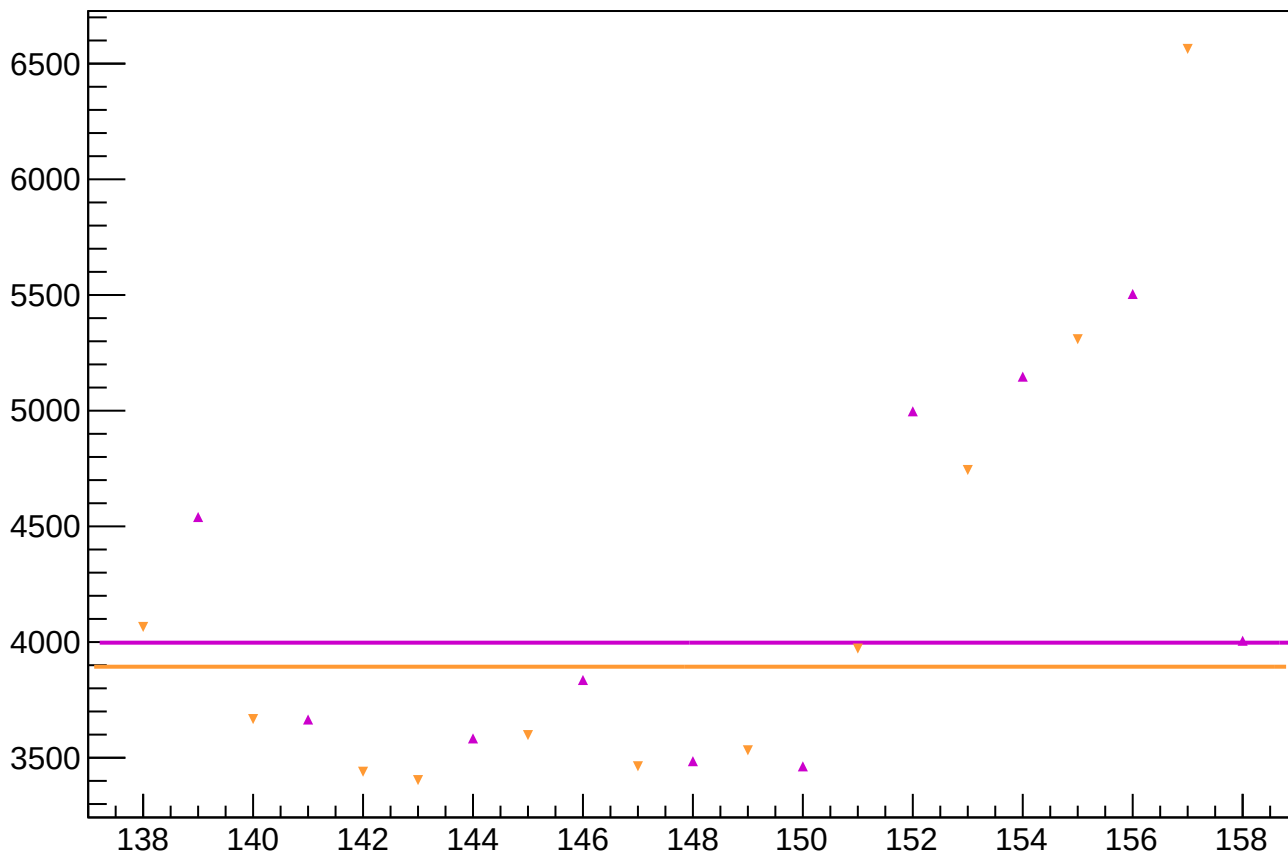
Left In: 836.376+/-1410.830 χ^2/NDF : 6.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.900+/-993.664 χ^2/NDF : 21.4/20

- 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: 3893.503+/-0.990 χ^2/NDF : 503527.3/10

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

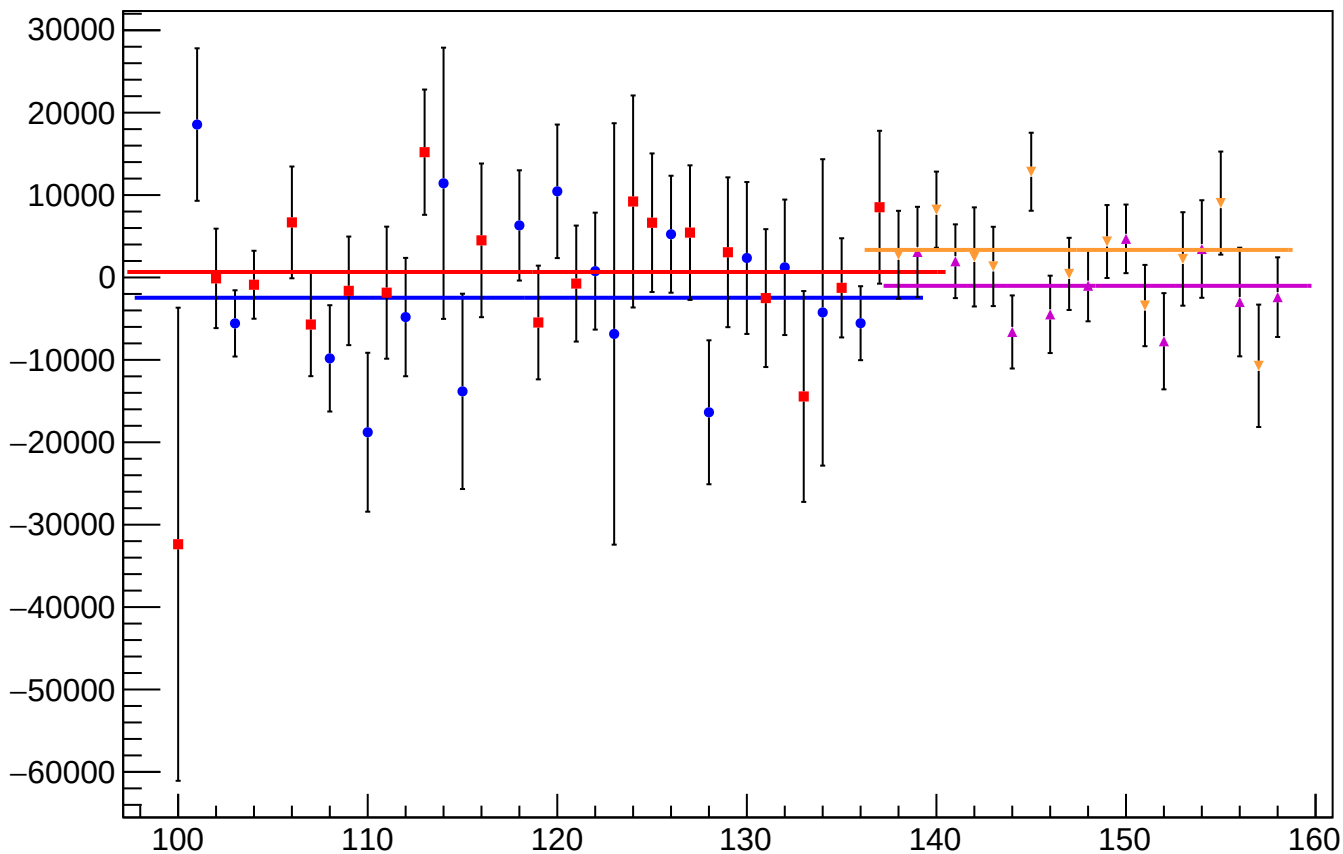
Left In: 3997.365+/-0.998 χ^2/NDF : 404301.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3945.025+/-0.703 χ^2/NDF : 913291.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 3342.661 ± 1549.398 χ^2/NDF : 12.2/10

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

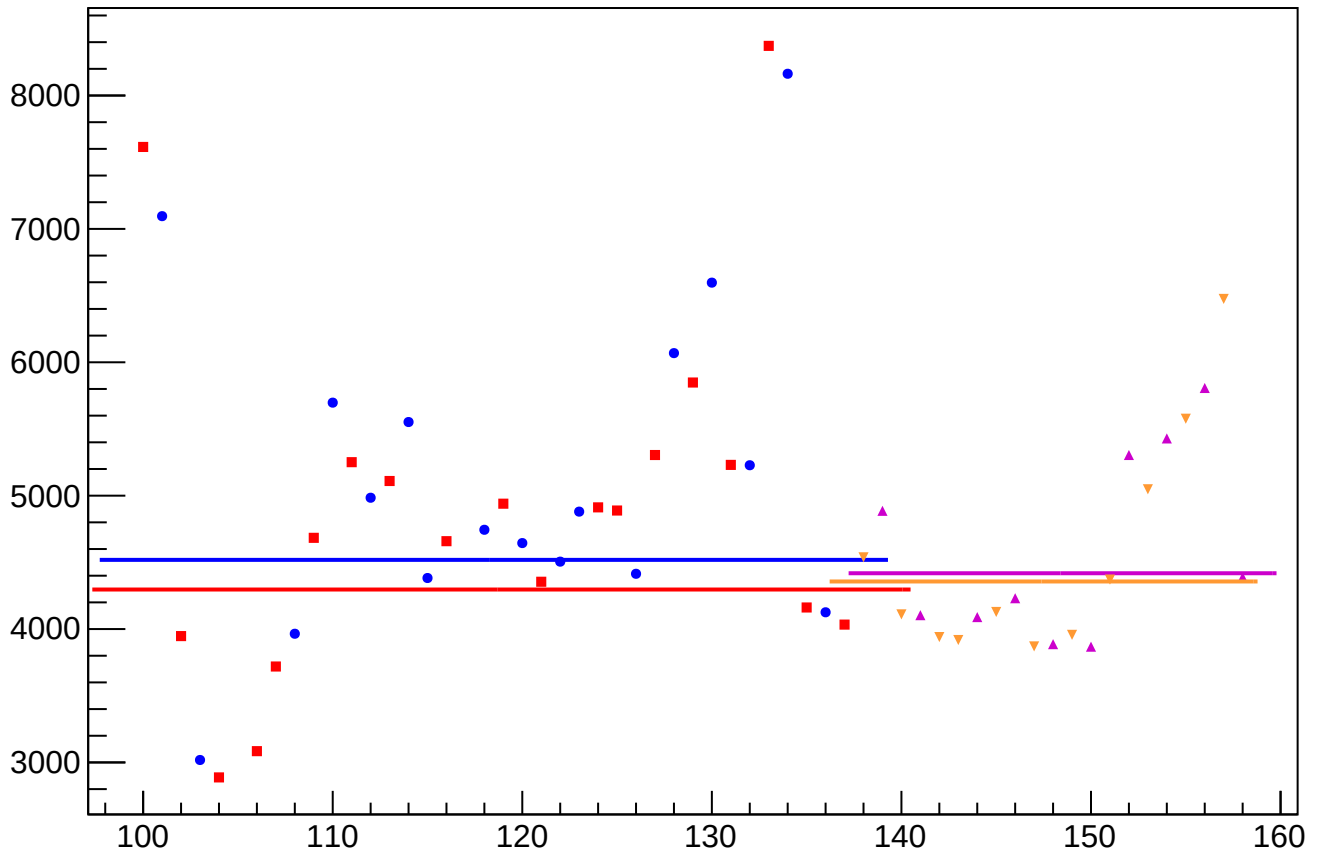
Left In: -1014.615 ± 1553.422 χ^2/NDF : 7.1/9

+ sign 867.836 ± 1173.527 χ^2/NDF : 39.0/27

All: 297.168 ± 819.030 χ^2/NDF : 58.9/56

- sign -244.781 ± 1143.617 χ^2/NDF : 19.5/28

asym_atr_dd_rms vs Slug



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

Left Out: 4356.723 ± 1.096 χ^2/NDF : 348501.7/10

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

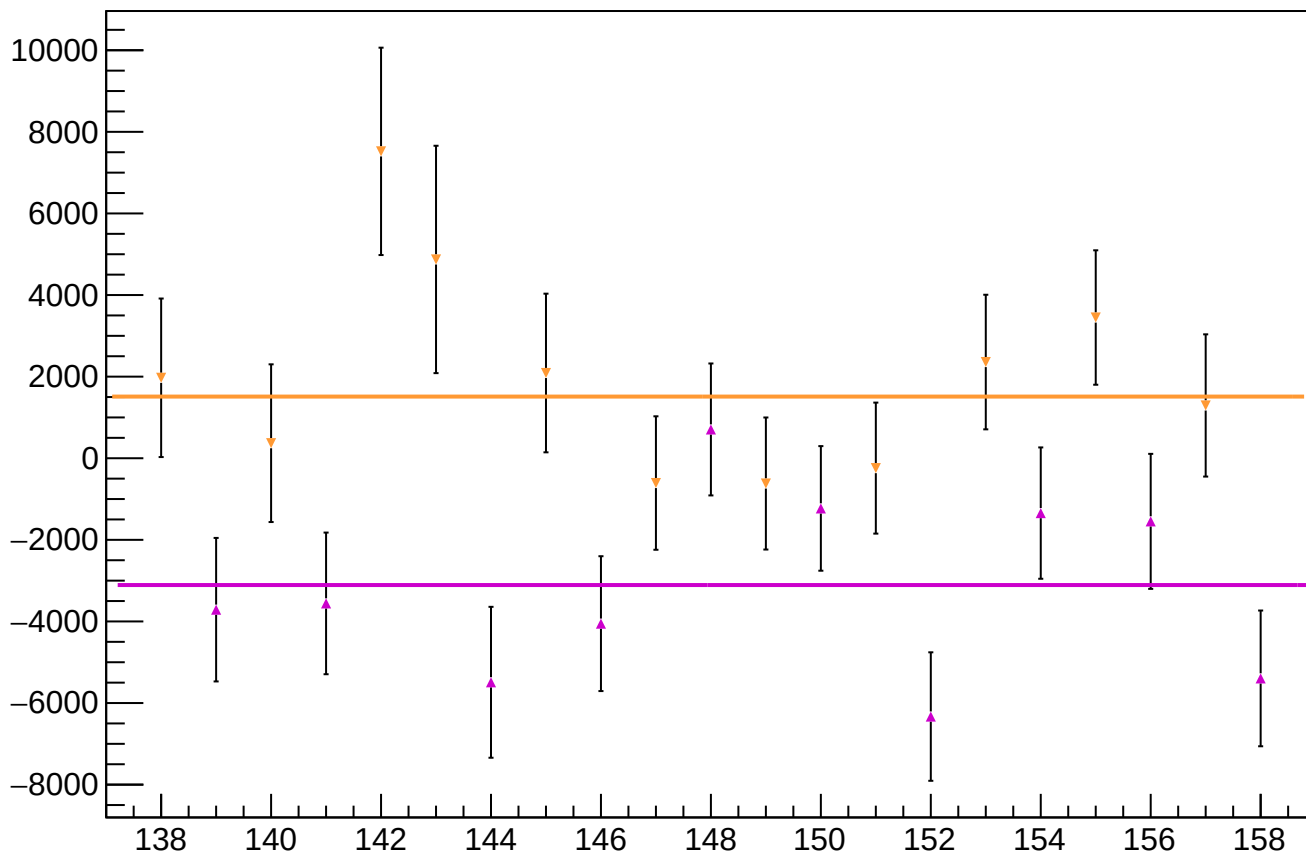
Left In: 4418.404 ± 1.098 χ^2/NDF : 297217.7/9

+ sign 4425.772 ± 0.830 χ^2/NDF : 1128045.6/27

All: 4393.073 ± 0.578 χ^2/NDF : 2205672.2/56

- sign 4362.177 ± 0.807 χ^2/NDF : 1074606.7/28

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1511.315+/-551.359 χ^2/NDF :13.8/10

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

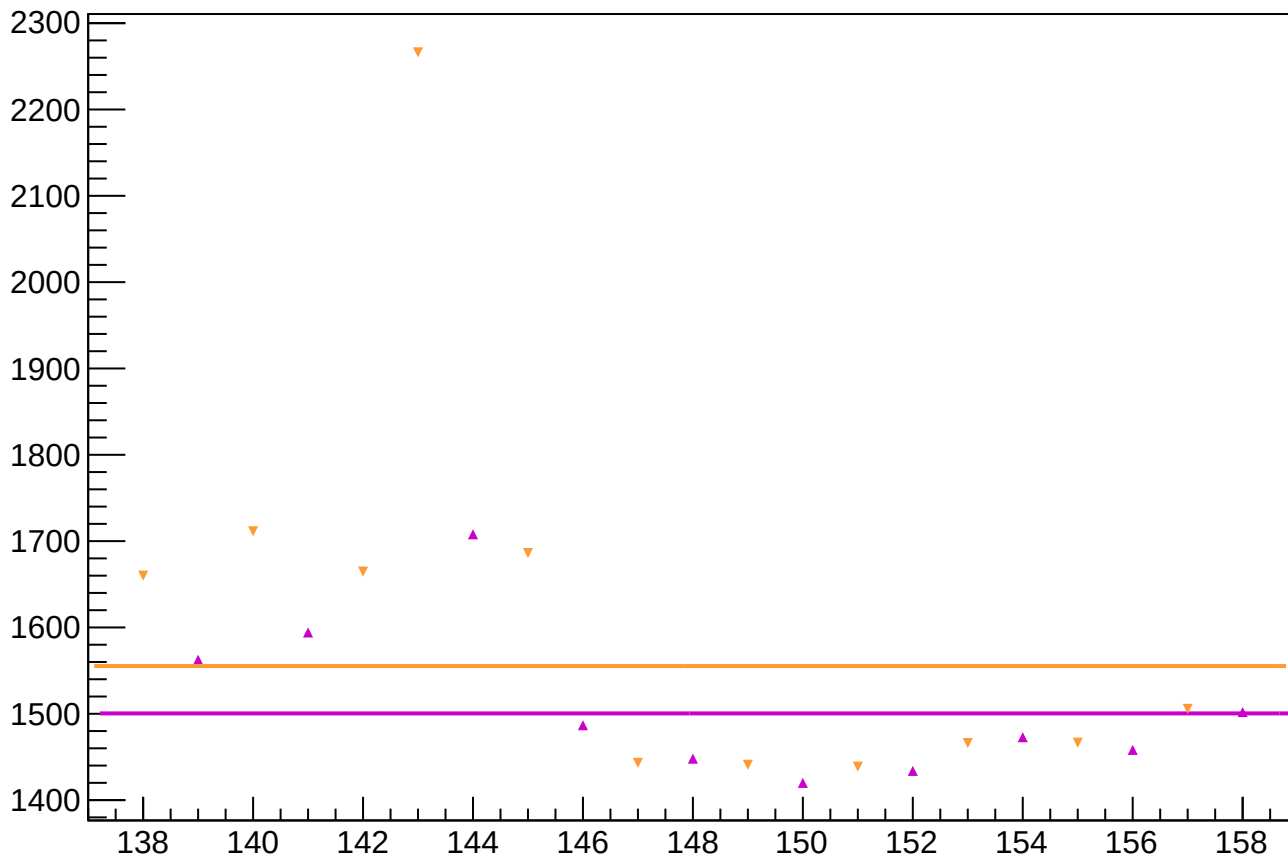
Left In: -3107.939+/-524.071 χ^2/NDF :17.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -915.447+/-379.855 χ^2/NDF : 68.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 1555.288+/-0.390 χ^2/NDF : 205003.6/10

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

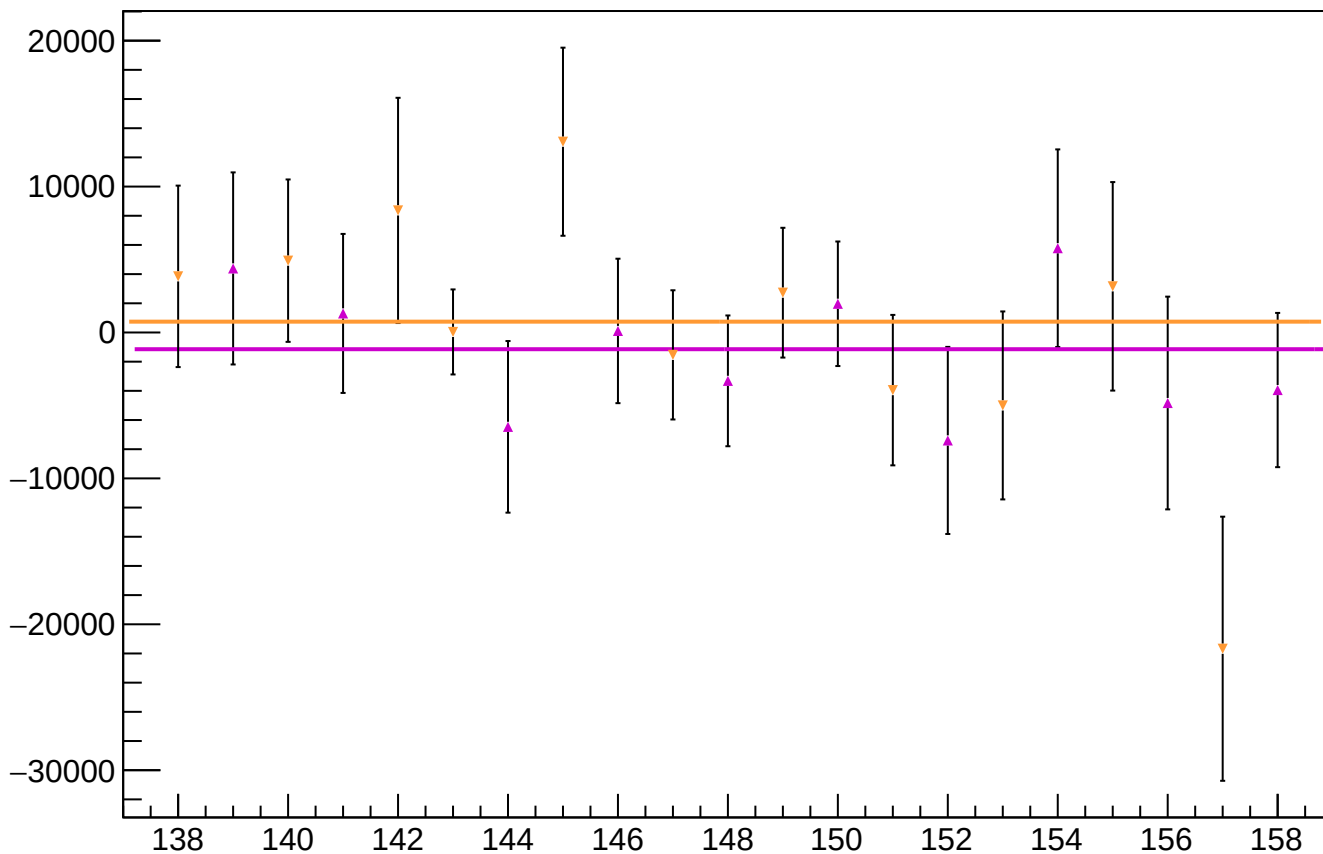
Left In: 1500.443+/-0.371 χ^2/NDF : 46770.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.475+/-0.269 χ^2/NDF : 262170.9/20

- 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: 742.452+/-1558.231 χ^2/NDF :13.8/10

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

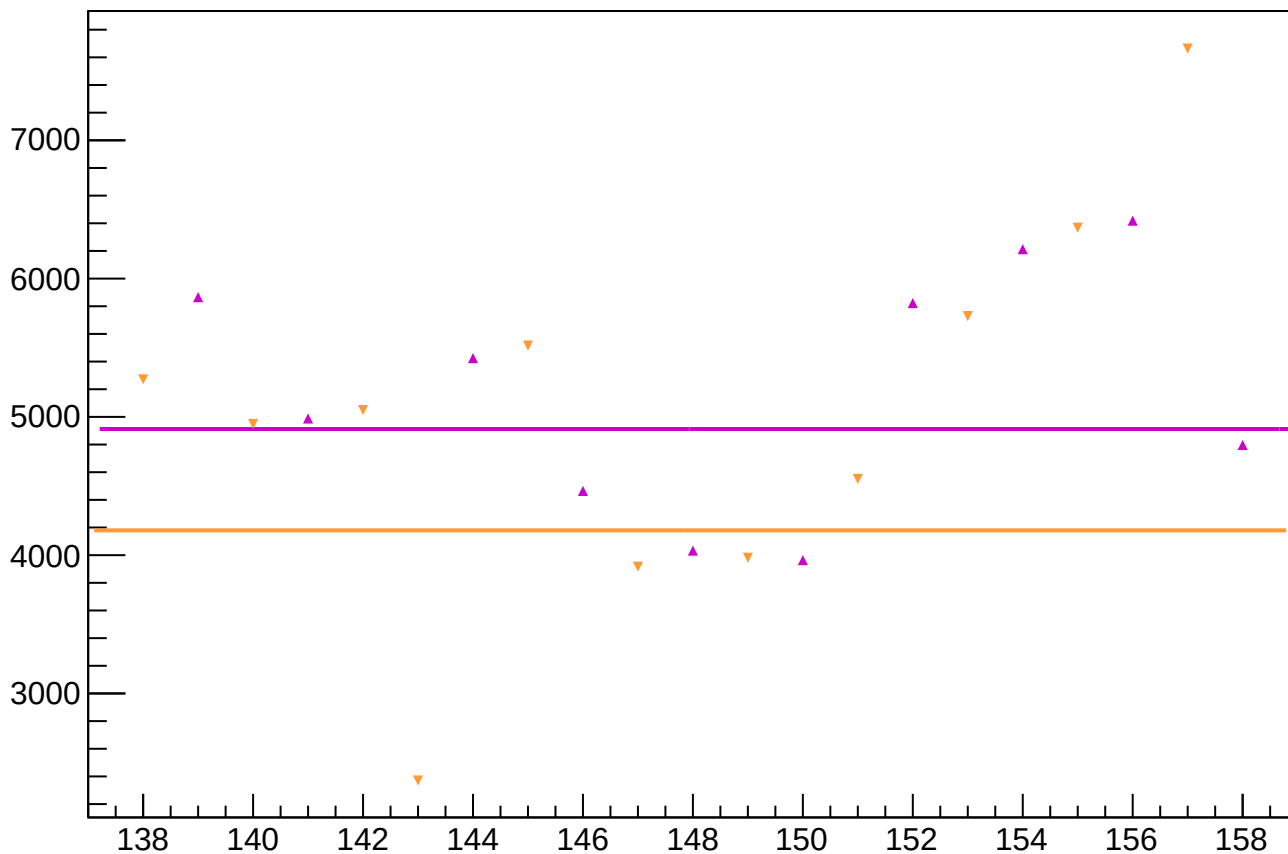
Left In: -1146.300+/-1735.736 χ^2/NDF :5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.438+/-1159.529 χ^2/NDF : 19.6/20

- 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: 4179.650+/-1.102 χ^2/NDF :1602942.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

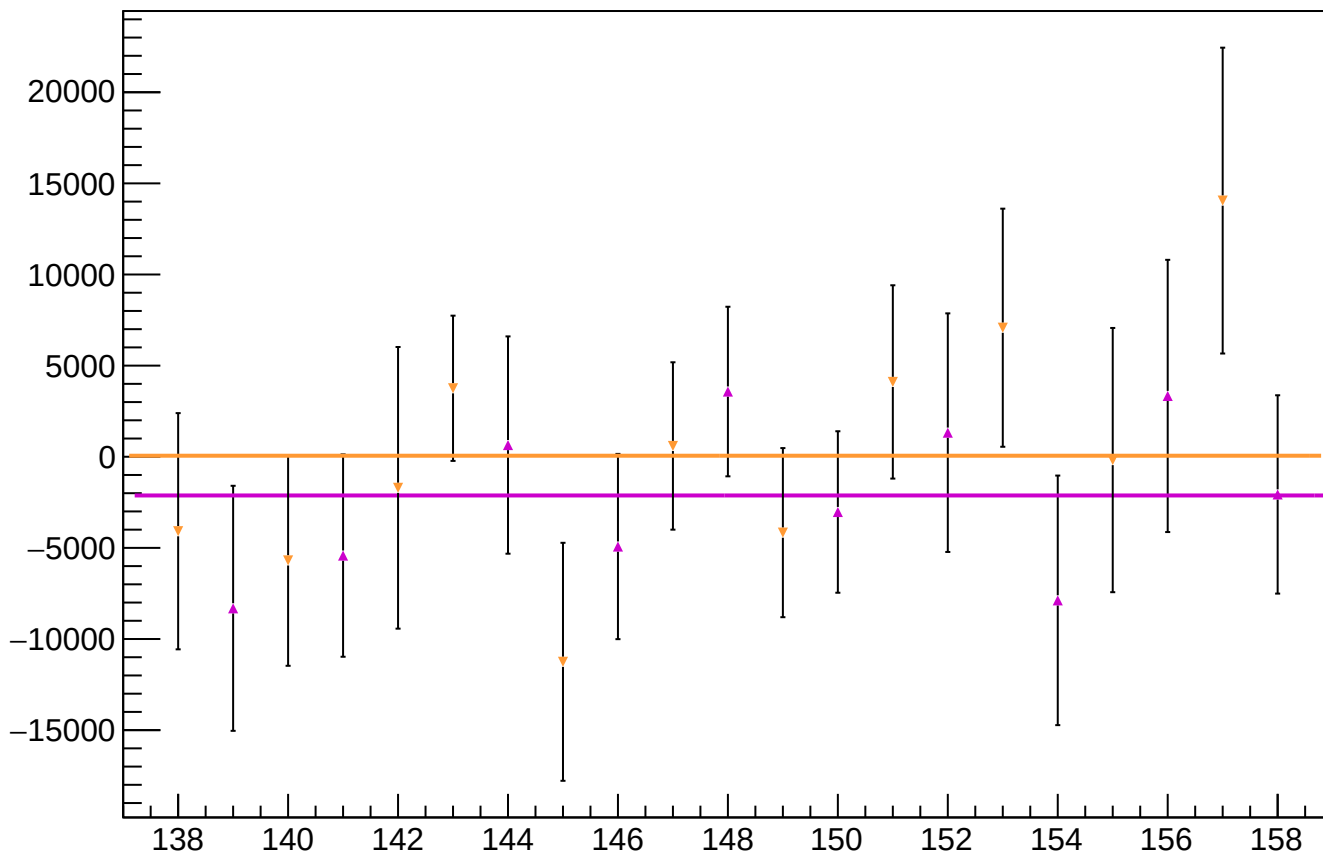
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4506.696+/-0.820 χ^2/NDF : 2250477.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4912.496+/-1.227 χ^2/NDF :450116.2/9

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 56.641+/-1707.398 χ^2/NDF :10.7/10

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

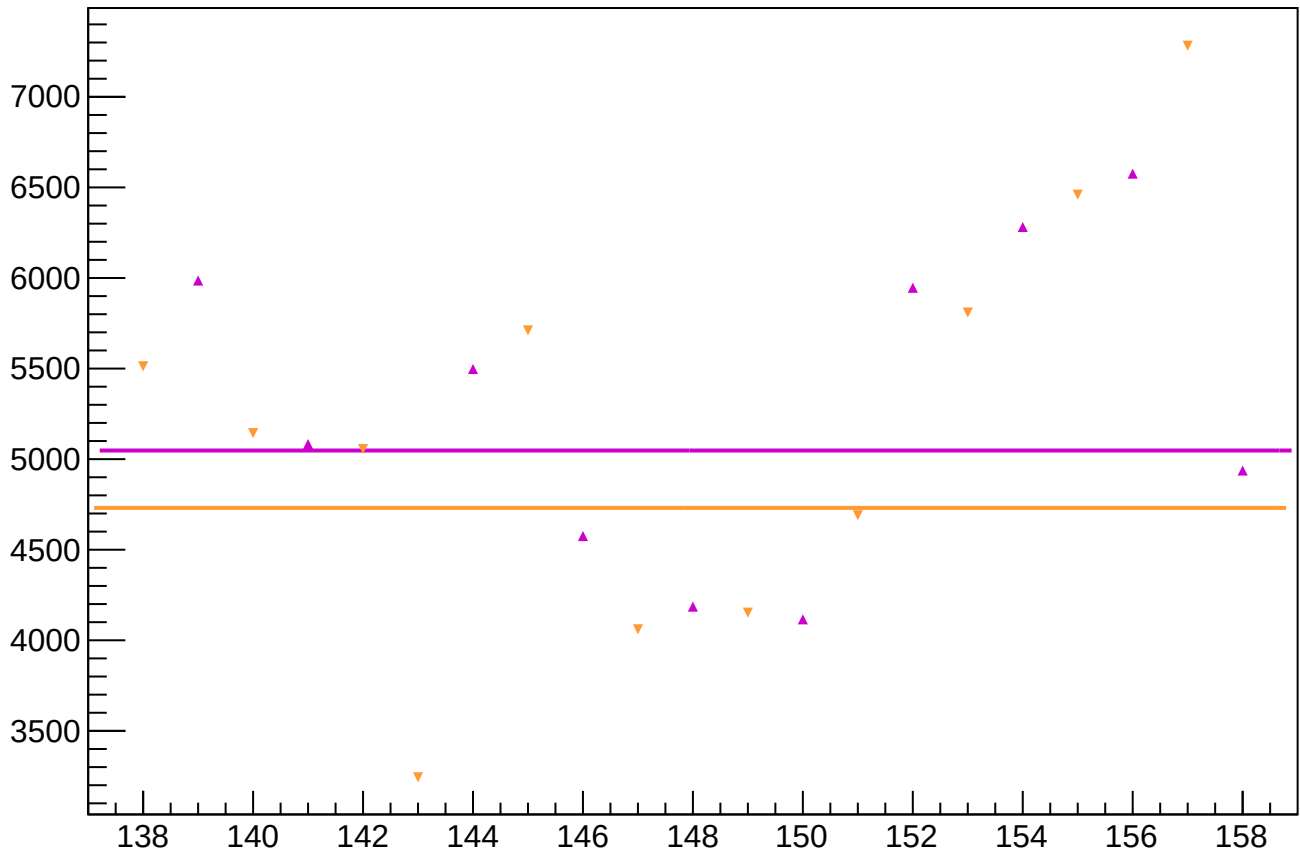
Left In: -2123.866+/-1781.879 χ^2/NDF :4.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -987.089+/-1232.803 χ^2/NDF : 16.2/20

- 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: 4730.962+/-1.207 χ^2/NDF : 793462.8/10

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

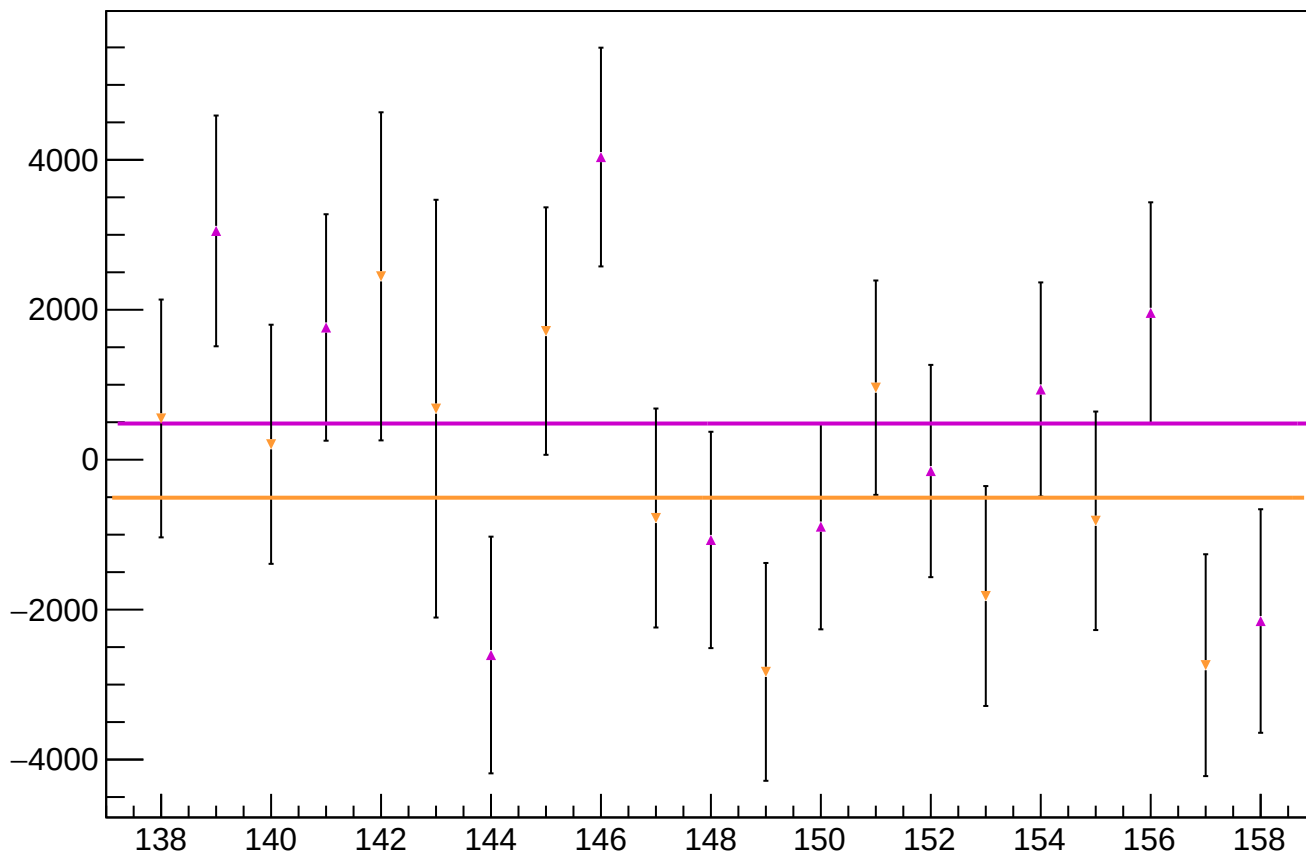
Left In: 5047.628+/-1.260 χ^2/NDF : 412090.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4882.539+/-0.872 χ^2/NDF : 1238483.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -506.754+/-481.171 χ^2/NDF : 11.2/10

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

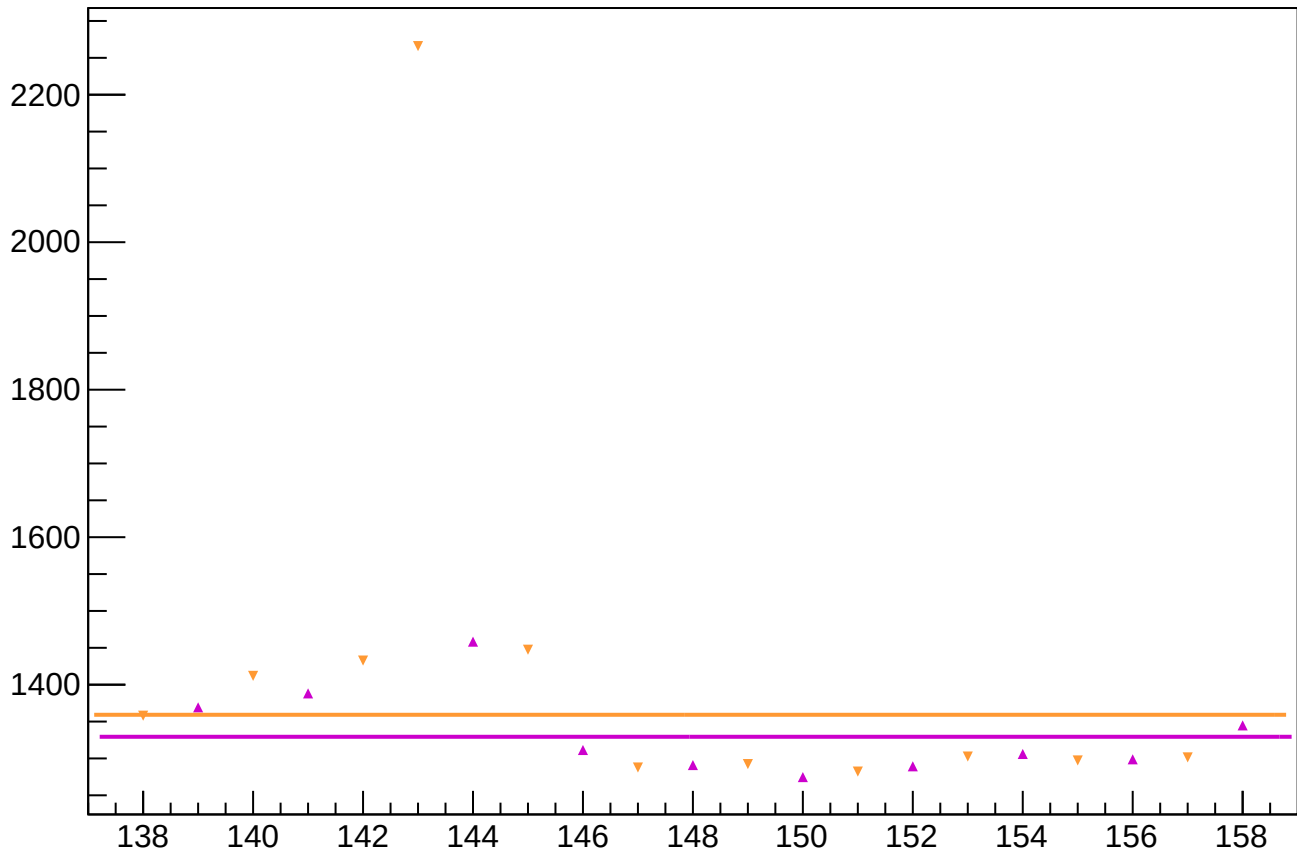
Left In: 482.637+/-464.097 χ^2/NDF : 19.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.807+/-334.039 χ^2/NDF : 33.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1359.200+/-0.340 χ^2/NDF :246412.9/10

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

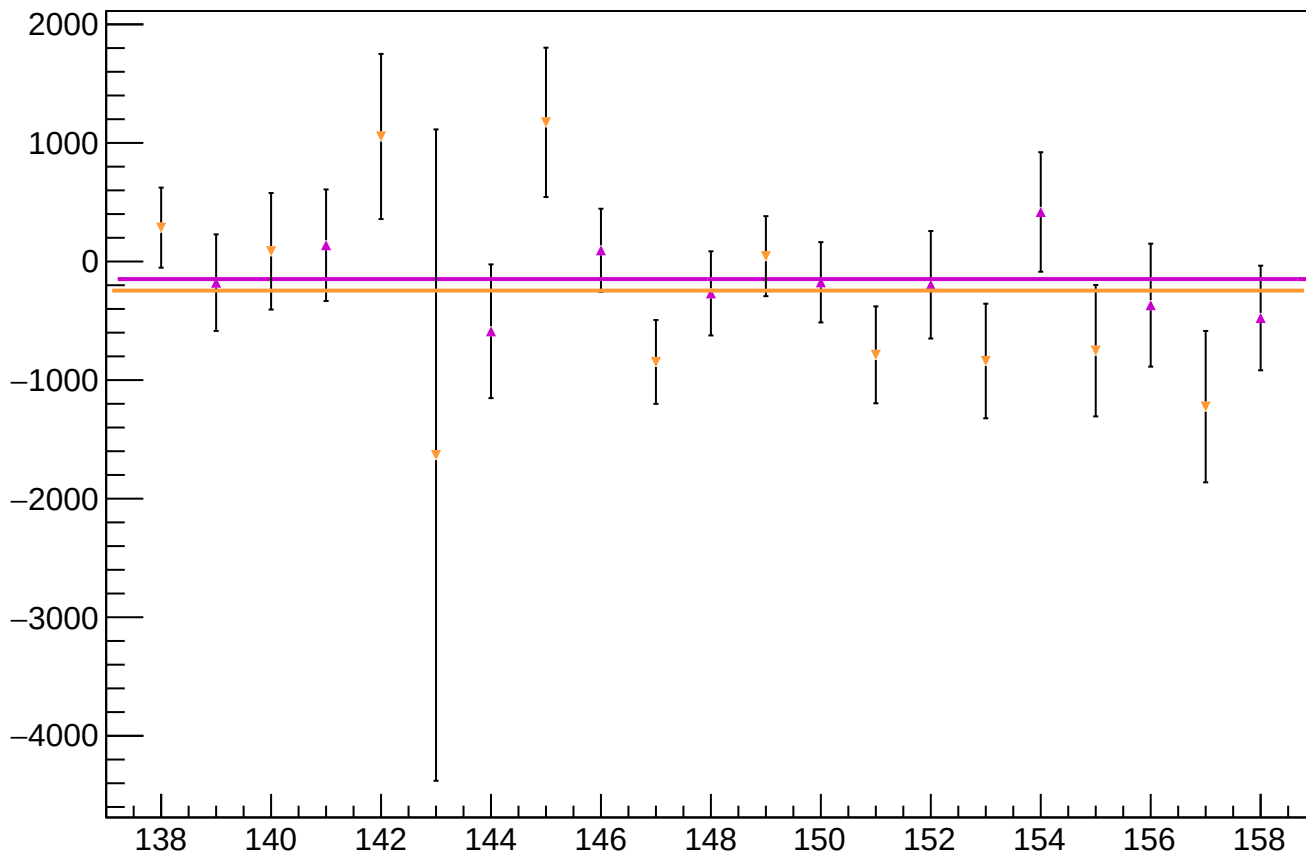
Left In: 1329.368+/-0.328 χ^2/NDF :25831.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.745+/-0.236 χ^2/NDF : 276227.1/20

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -245.246 $\pm$ 140.898 χ^2 /NDF:21.8/10

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

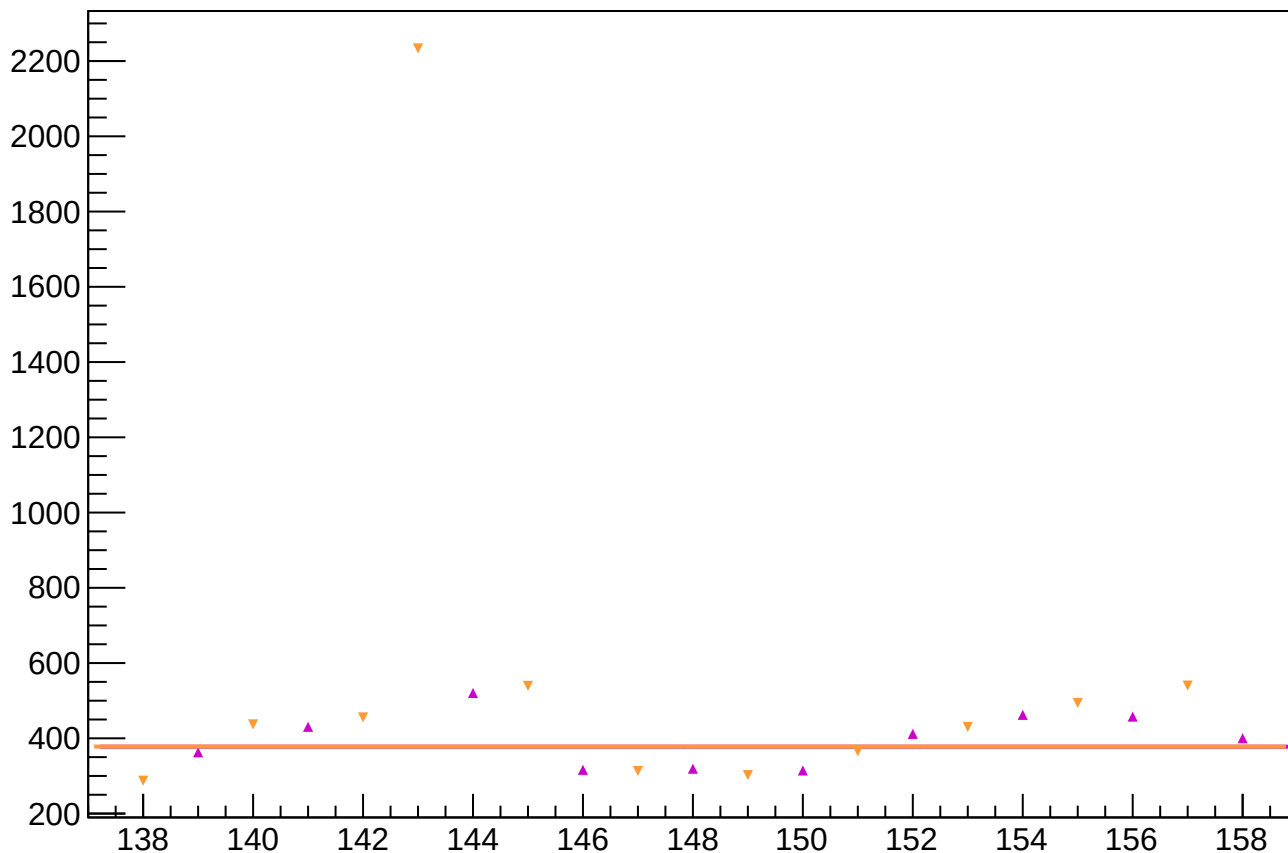
Left In: -148.107 $\pm$ 133.419 χ^2 /NDF:3.6/9

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

All: -194.030 $\pm$ 96.878 χ^2 /NDF: 25.7/20

- sign 0.000 $\pm$ 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: 378.050+/-0.100 χ^2/NDF :1651975.2/10

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

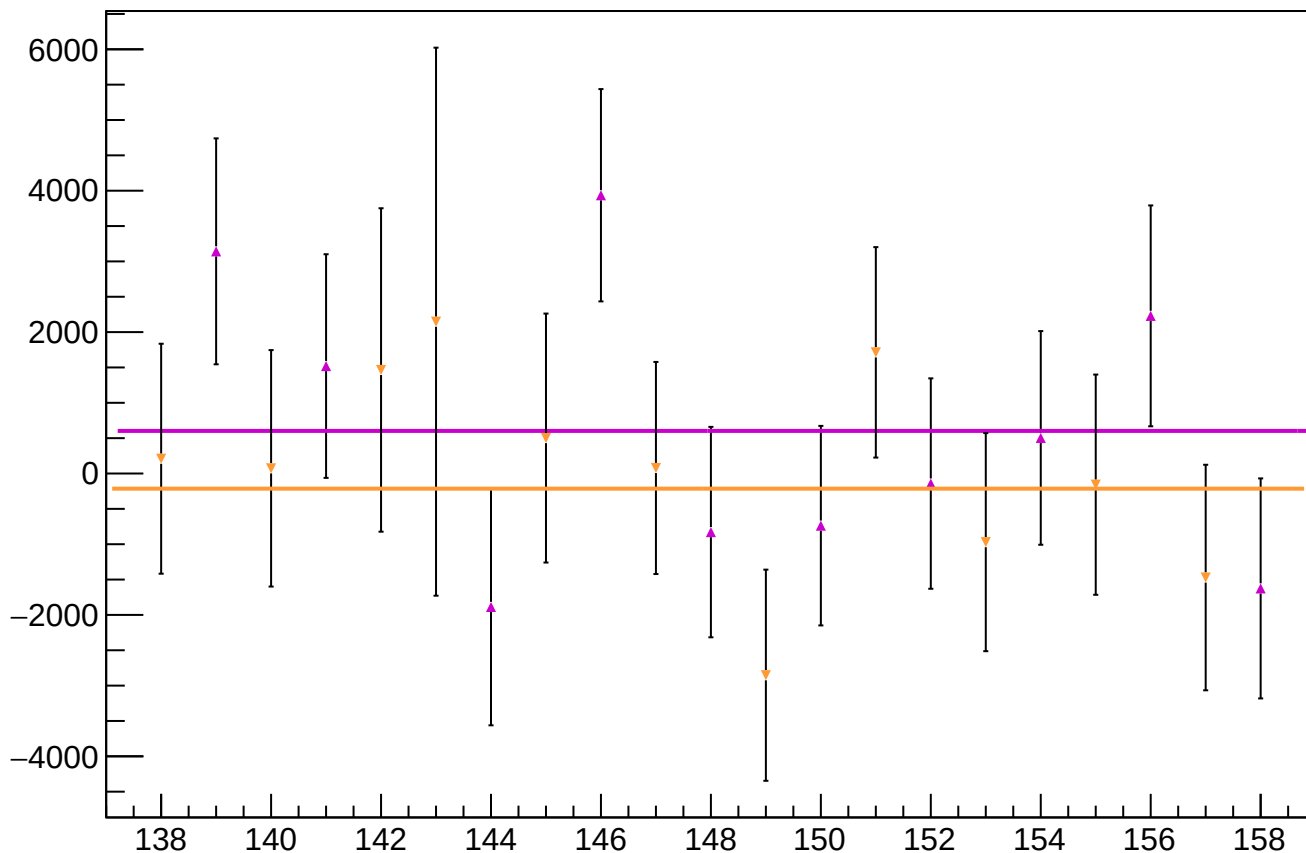
Left In: 377.659+/-0.094 χ^2/NDF :462188.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.844+/-0.069 χ^2/NDF : 2114171.9/20

- 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: -214.327+/-507.267 χ^2/NDF : 6.9/10

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

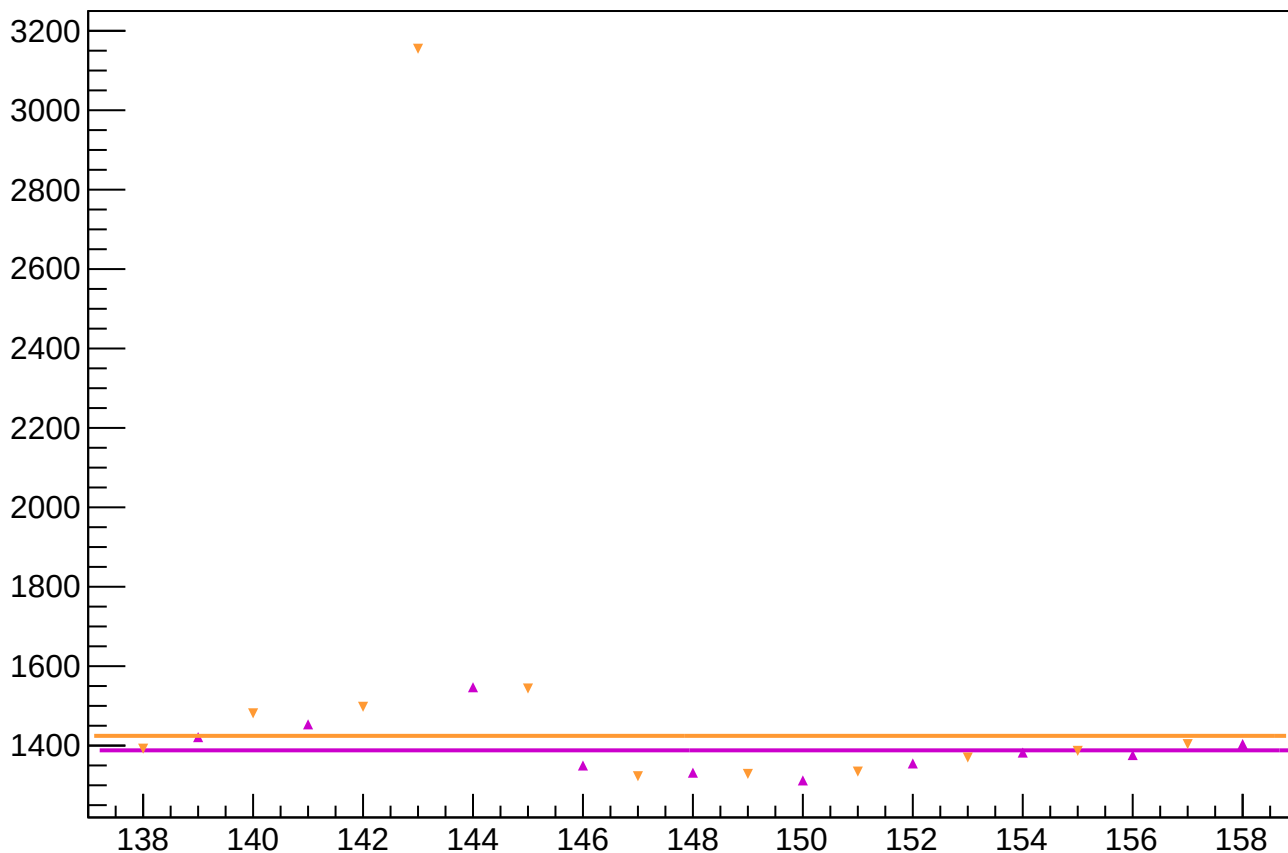
Left In: 602.483+/-484.624 χ^2/NDF : 15.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.714+/-350.412 χ^2/NDF : 23.4/20

- 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: 1424.534+/-0.359 χ^2/NDF : 441750.1/10

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

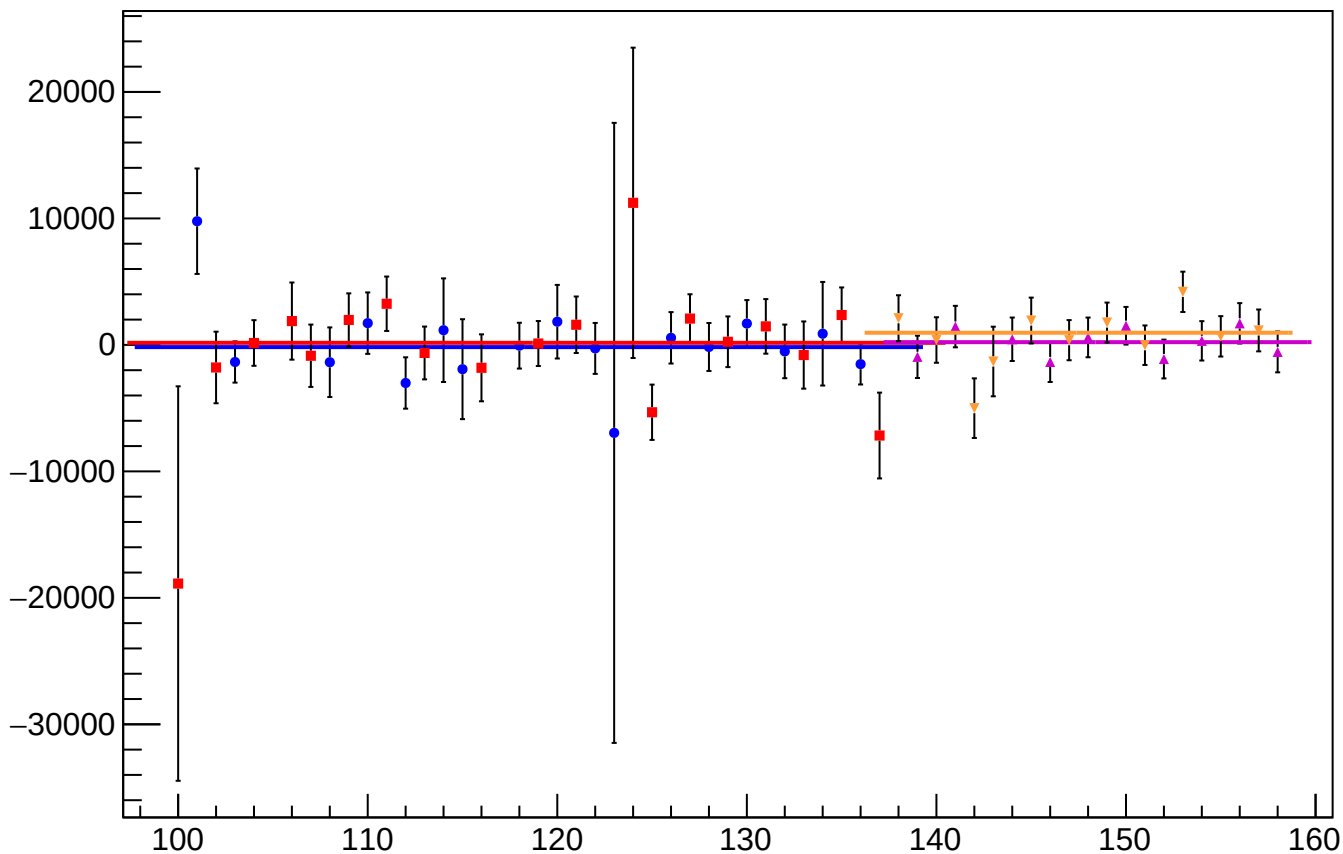
Left In: 1388.043+/-0.343 χ^2/NDF : 33553.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.456+/-0.248 χ^2/NDF : 480714.1/20

- 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: 961.976 ± 528.043 χ^2/NDF : 12.8/10

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

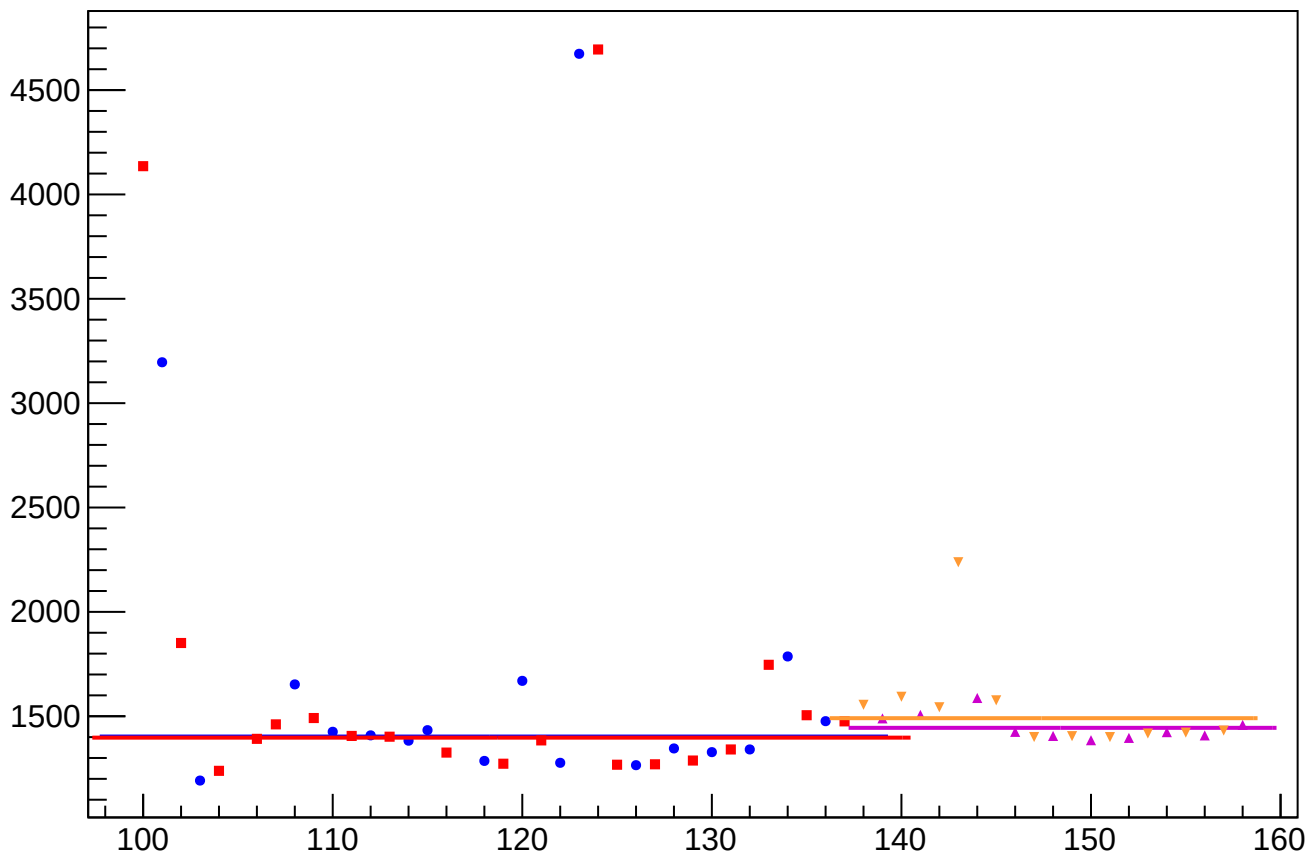
Left In: 216.449 ± 504.122 χ^2/NDF : 4.7/9

+ sign 421.497 ± 382.446 χ^2/NDF : 26.8/27

All: 302.739 ± 265.374 χ^2/NDF : 52.3/56

- sign 192.466 ± 368.532 χ^2/NDF : 25.4/28

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1490.689 ± 0.373 χ^2/NDF : 191506.6/10

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

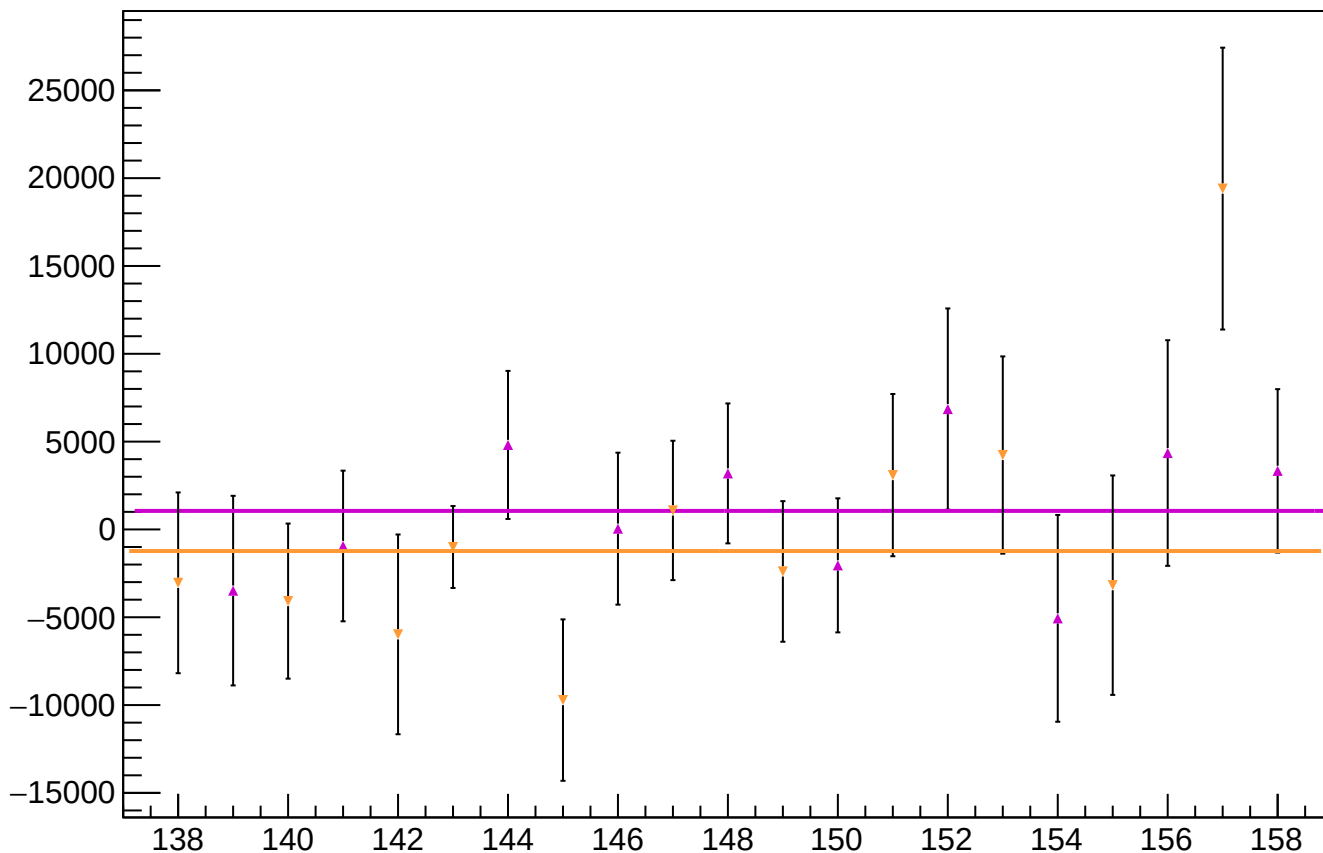
Left In: 1444.407 ± 0.356 χ^2/NDF : 26404.1/9

+ sign 1448.860 ± 0.270 χ^2/NDF : 744230.2/27

All: 1435.203 ± 0.188 χ^2/NDF : 1137004.2/56

- sign 1422.528 ± 0.261 χ^2/NDF : 387856.3/28

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -1230.123+/-1294.350 χ^2/NDF :13.6/10

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

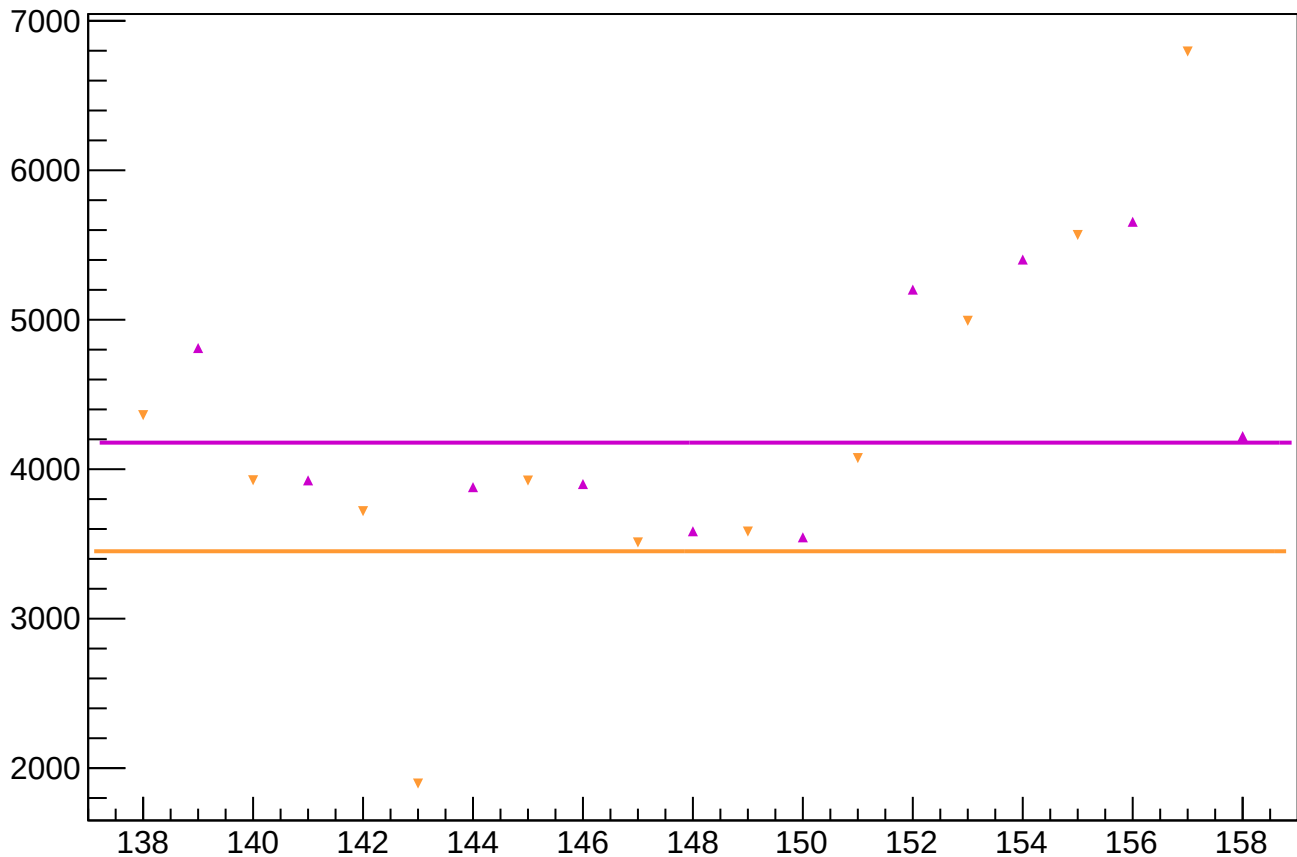
Left In: 1055.219+/-1474.559 χ^2/NDF :5.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.562+/-972.753 χ^2/NDF : 20.3/20

- 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: 3451.007+/-0.915 χ^2/NDF :1766119.7/10

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

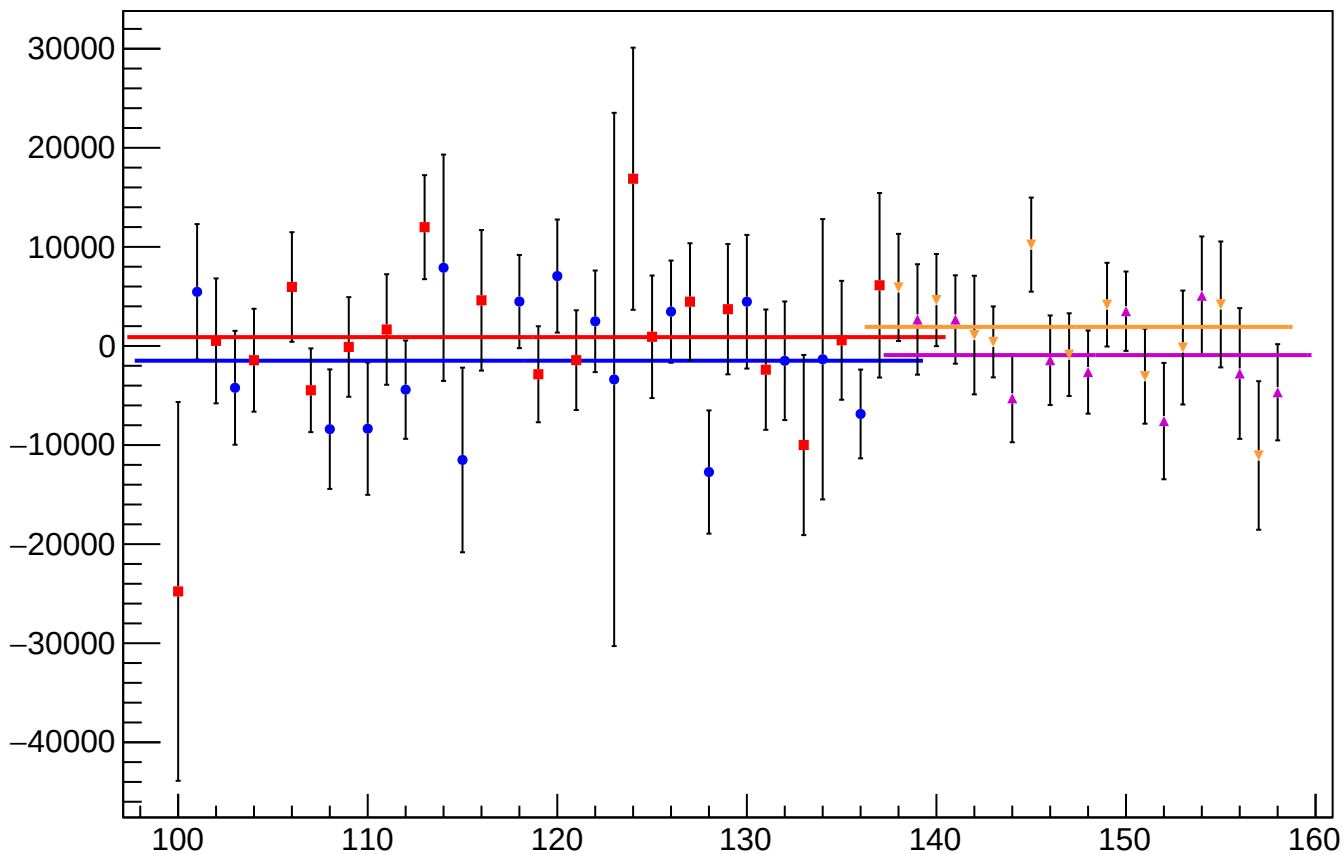
Left In: 4177.719+/-1.043 χ^2/NDF :408560.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3767.266+/-0.688 χ^2/NDF : 2449046.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1487.038 $\pm$ 1499.116 χ^2/NDF : 16.7/16

Left Out: 1924.665 $\pm$ 1473.845 χ^2/NDF : 9.2/10

Right Out: 894.160 $\pm$ 1378.910 χ^2/NDF : 14.1/18

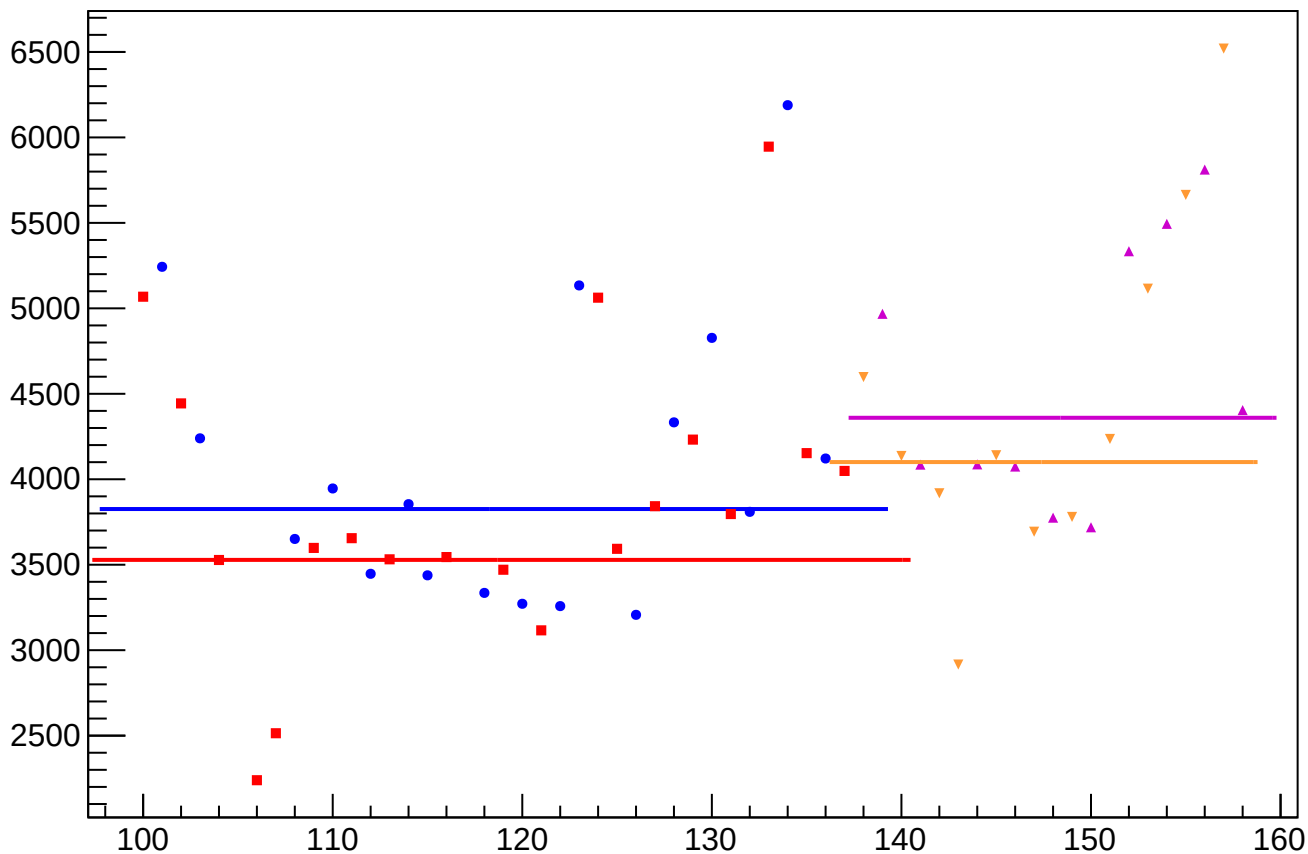
Left In: -920.091 $\pm$ 1536.162 χ^2/NDF : 6.4/9

+ sign 247.812 $\pm$ 1050.987 χ^2/NDF : 28.5/27

All: 164.264 $\pm$ 734.218 χ^2/NDF : 49.8/56

- sign 84.619 $\pm$ 1026.142 χ^2/NDF : 21.3/28

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4100.640+/-1.042 χ^2/NDF : 661451.5/10

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

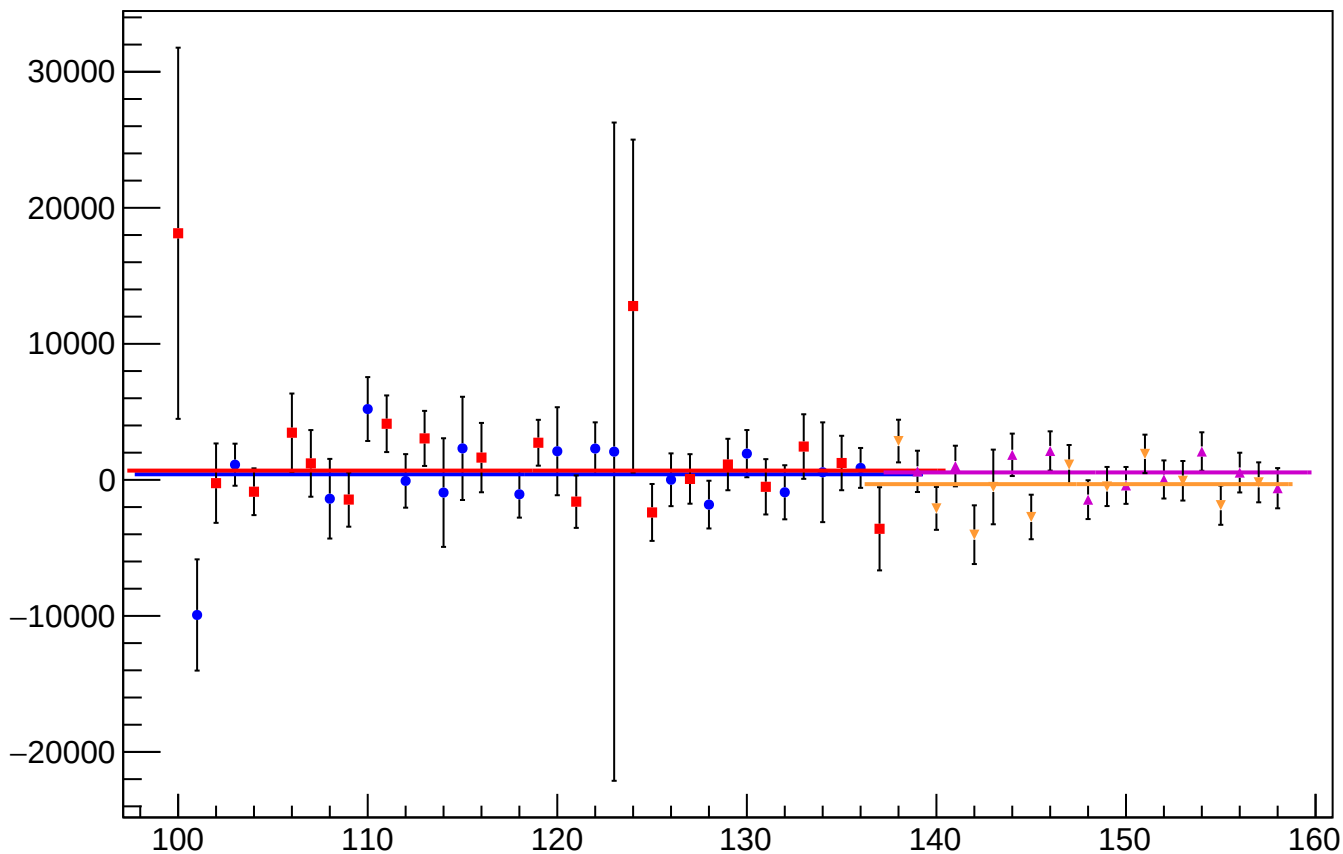
Left In: 4359.721+/-1.086 χ^2/NDF : 360833.8/9

+ sign 3965.574+/-0.743 χ^2/NDF : 1030028.7/27

All: 3929.540+/-0.518 χ^2/NDF : 2277941.1/56

- sign 3895.536+/-0.722 χ^2/NDF : 1243342.7/28

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: -313.398 $\pm$ 476.239 χ^2 /NDF:15.2/10

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

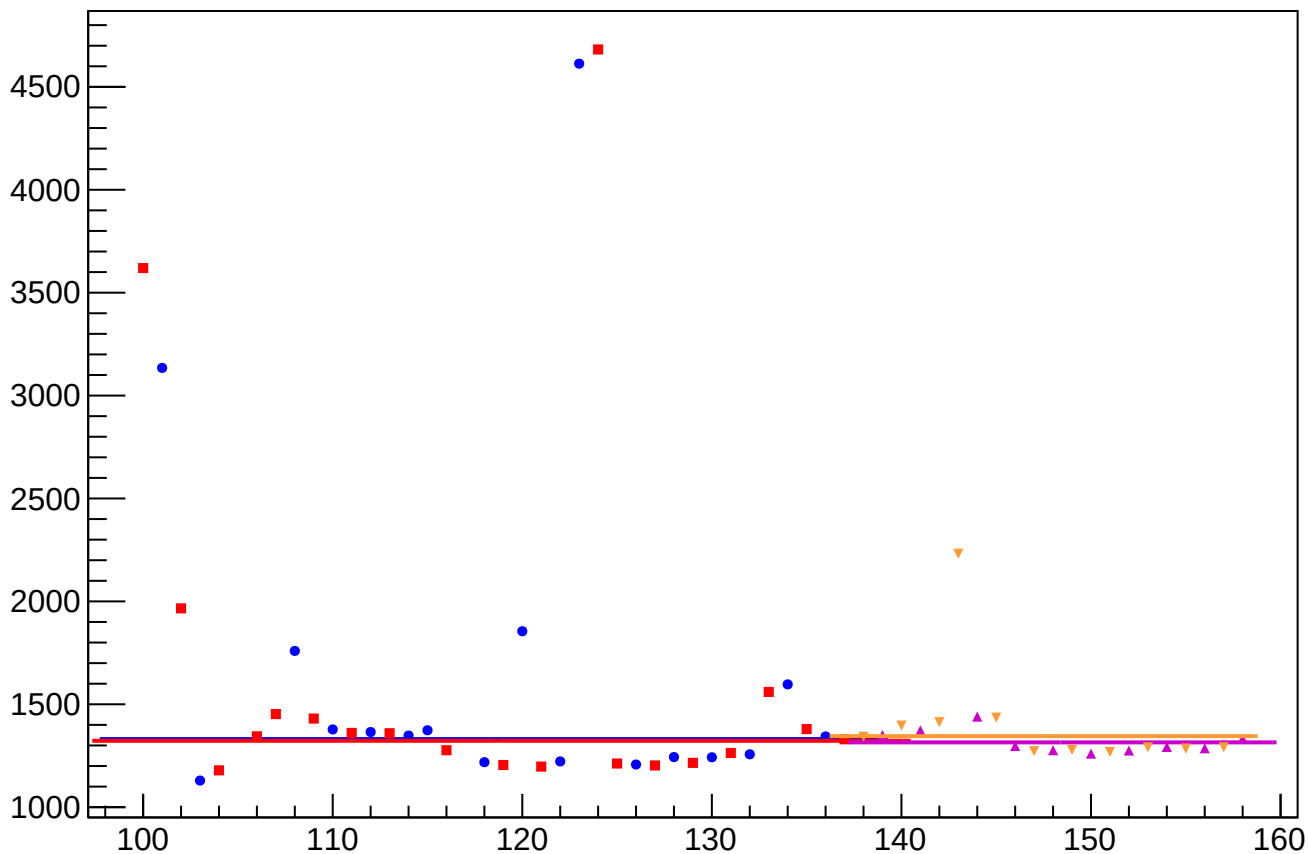
Left In: 547.789 $\pm$ 459.055 χ^2 /NDF:6.4/9

+ sign 11.764 $\pm$ 353.634 χ^2 /NDF: 32.7/27

All: 320.455 $\pm$ 245.563 χ^2 /NDF: 58.6/56

- sign 607.911 $\pm$ 341.253 χ^2 /NDF: 24.5/28

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: 1345.229 $\pm$ 0.337 χ^2 /NDF: 242971.3/10

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

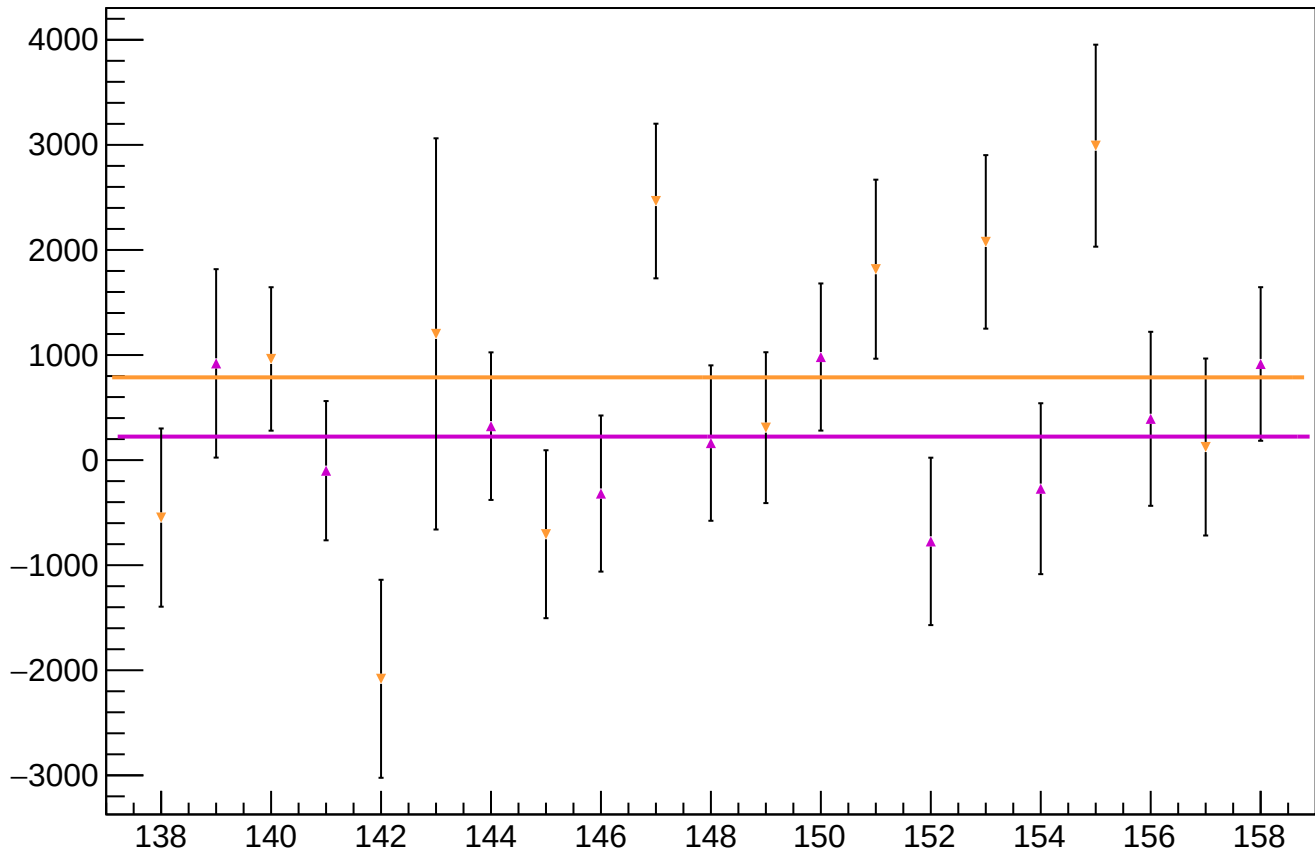
Left In: 1314.922 $\pm$ 0.325 χ^2 /NDF: 25214.2/9

+ sign 1338.796 $\pm$ 0.250 χ^2 /NDF: 847259.2/27

All: 1328.237 $\pm$ 0.174 χ^2 /NDF: 1270587.6/50

- sign 1318.404 $\pm$ 0.241 χ^2 /NDF: 419885.0/28

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 787.650+/-252.853 χ^2/NDF : 30.8/10

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

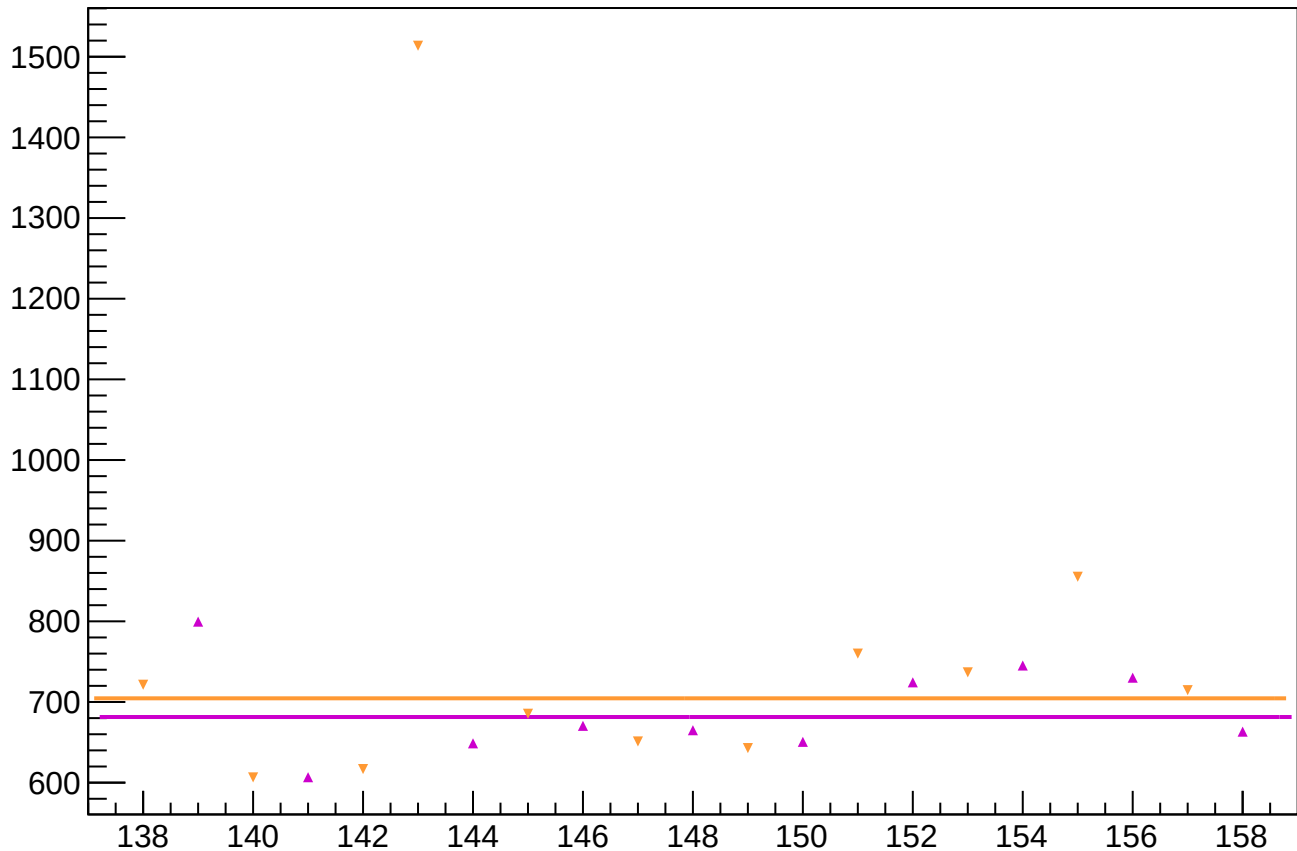
Left In: 223.694+/-238.050 χ^2/NDF : 5.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.681+/-173.324 χ^2/NDF : 38.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

Left Out: 704.546+/-0.179 χ^2/NDF : 524658.0/10

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

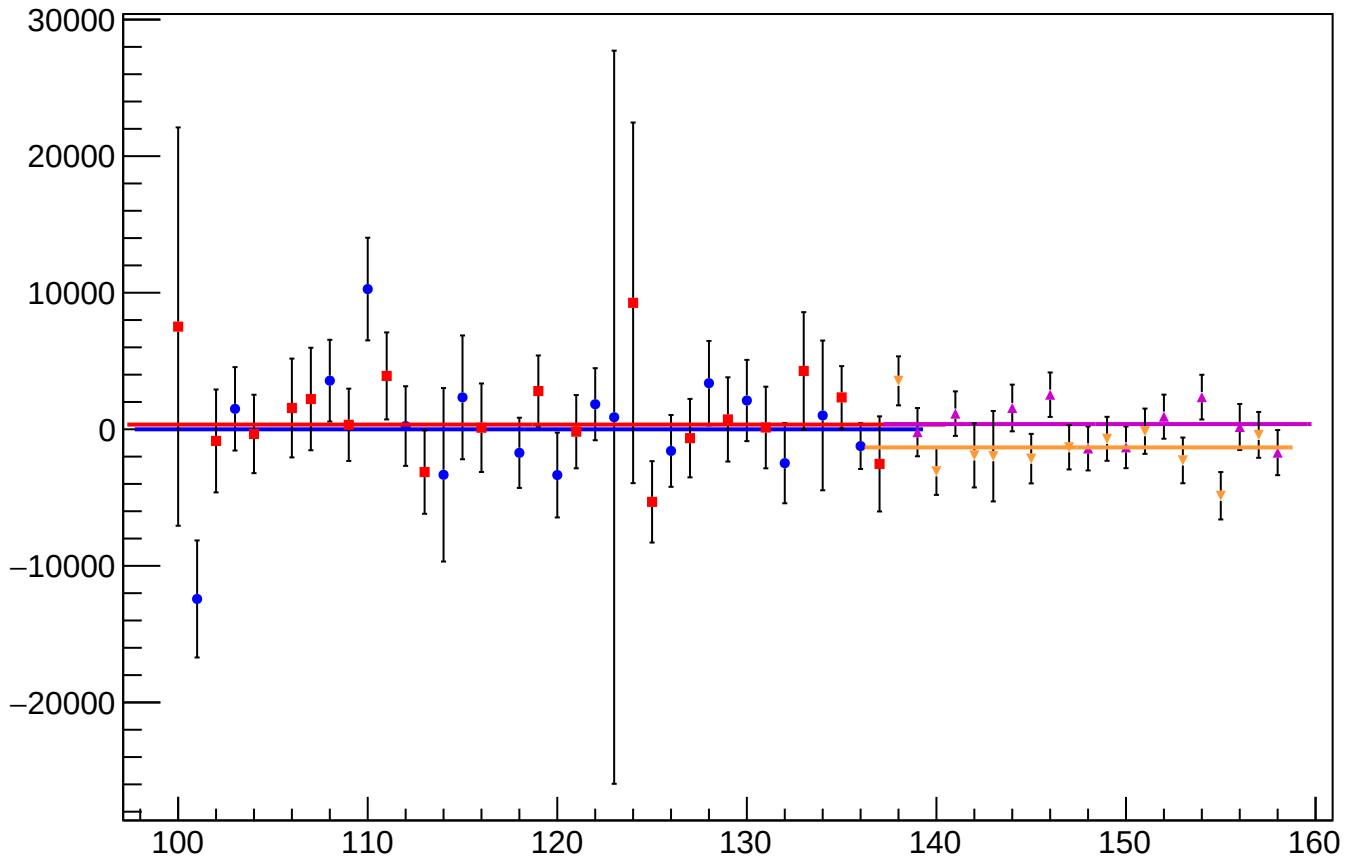
Left In: 681.377+/-0.168 χ^2/NDF : 96081.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.263+/-0.123 χ^2/NDF : 629641.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -1326.635 ± 542.624 χ^2/NDF : 14.2/10

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

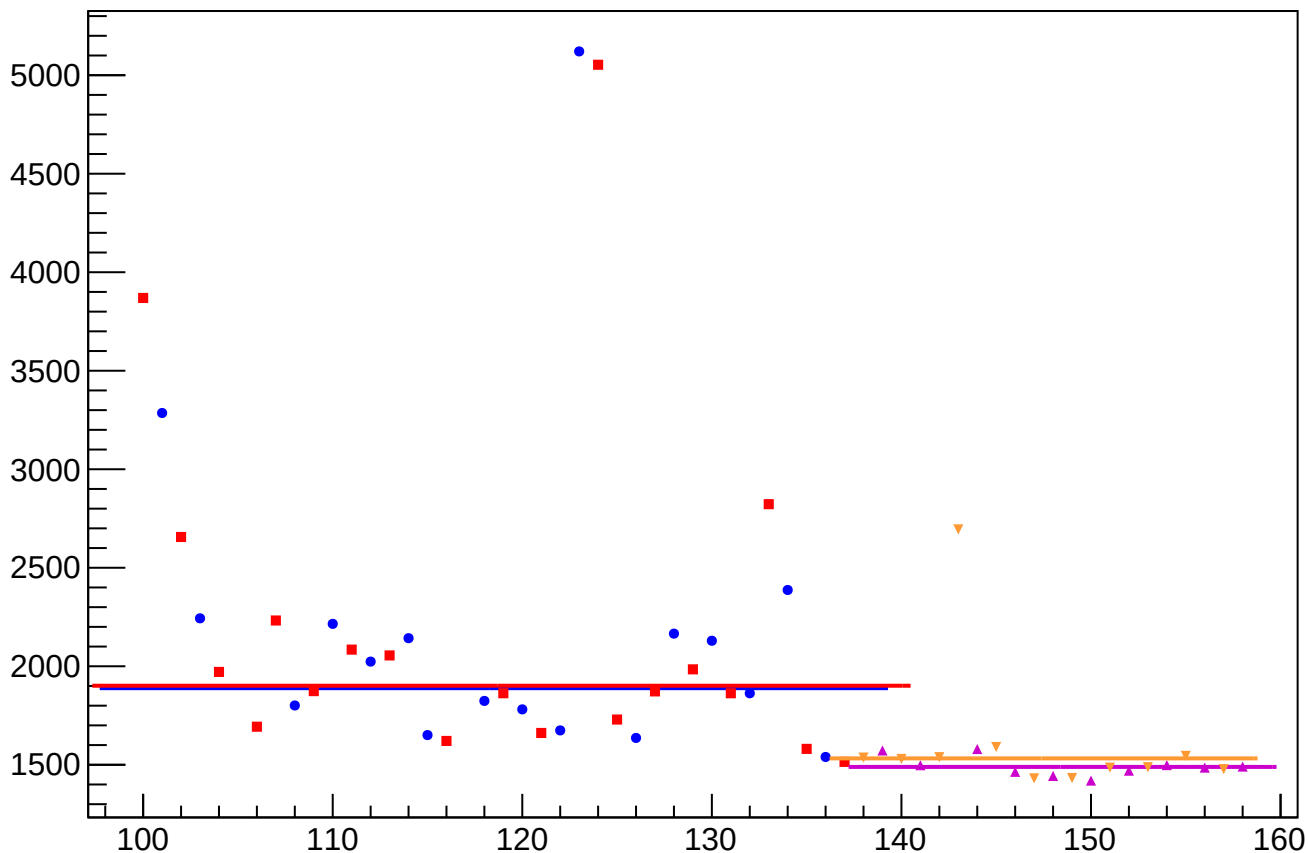
Left In: 381.988 ± 519.496 χ^2/NDF : 8.2/9

+ sign -867.611 ± 438.626 χ^2/NDF : 39.7/27

All: -227.964 ± 304.846 χ^2/NDF : 62.8/56

- sign 369.686 ± 423.982 χ^2/NDF : 18.9/28

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1532.456+/-0.384 χ^2/NDF : 269159.9/10

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

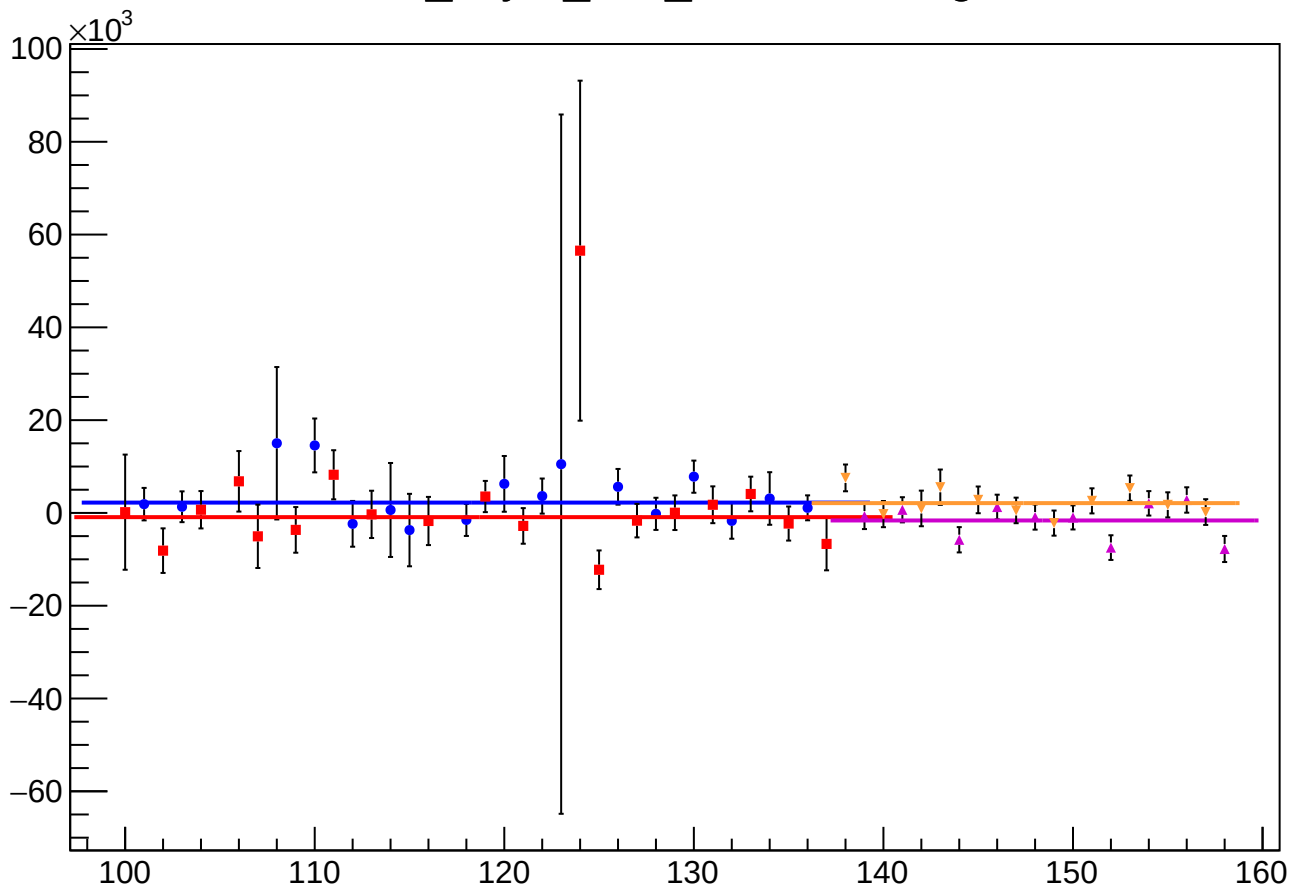
Left In: 1489.135+/-0.367 χ^2/NDF : 16719.1/9

+ sign 1655.963+/-0.310 χ^2/NDF : 1033957.8/27

All: 1640.859+/-0.216 χ^2/NDF : 1936968.9/56

- sign 1626.747+/-0.300 χ^2/NDF : 898424.0/28

dit_asym_atl1_mean vs Slug



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

Left Out: 2115.358 $\pm$ 874.096 χ^2 /NDF:10.0/10

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

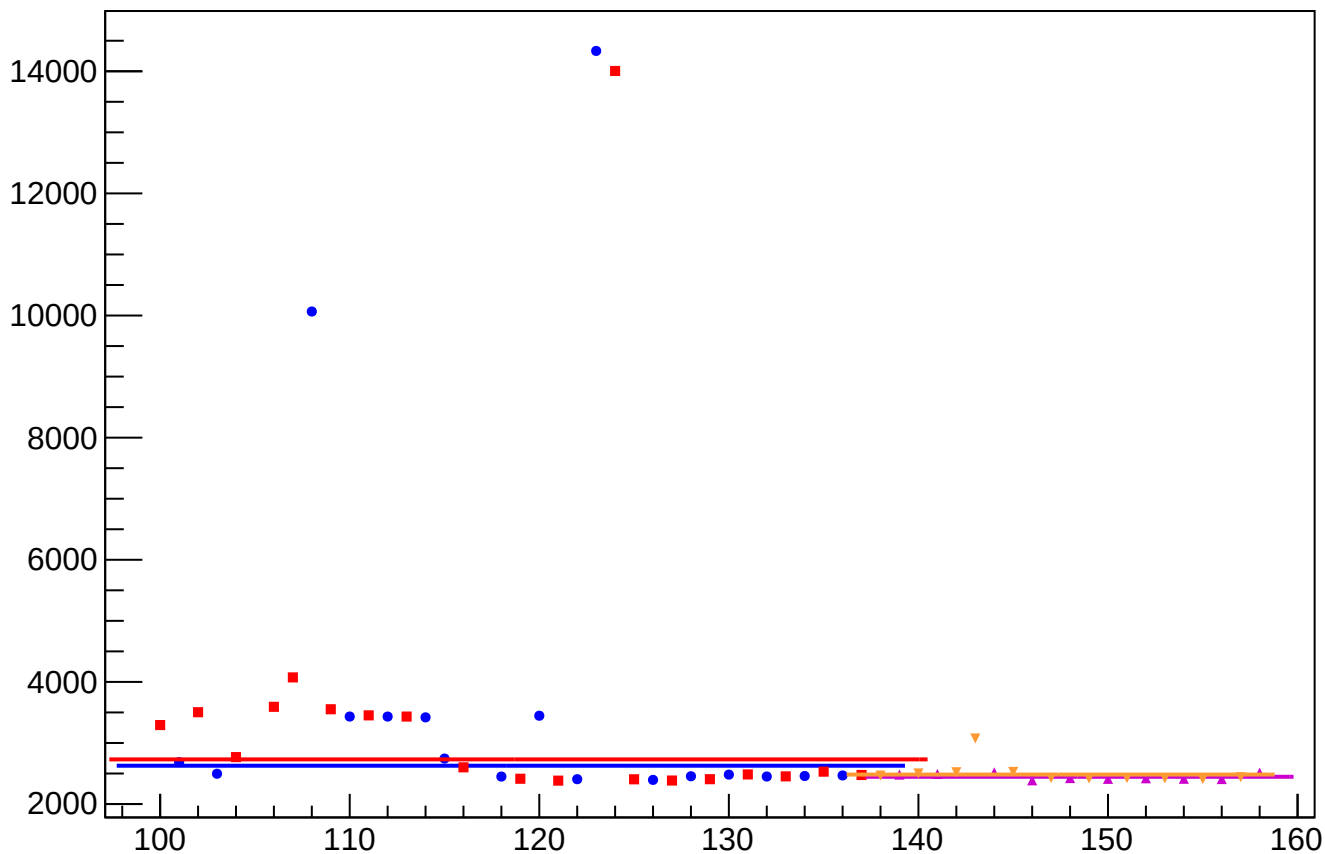
Left In: -1624.572 $\pm$ 854.082 χ^2 /NDF:18.7/9

+ sign 2161.826 $\pm$ 668.952 χ^2 /NDF: 23.6/27

All: 392.979 $\pm$ 470.466 χ^2 /NDF: 79.3/56

- sign -1338.156 $\pm$ 661.783 χ^2 /NDF: 41.9/28

dit_asym_atl1_rms vs Slug



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

Left Out: 2482.850+/-0.618 χ^2/NDF : 54868.1/10

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

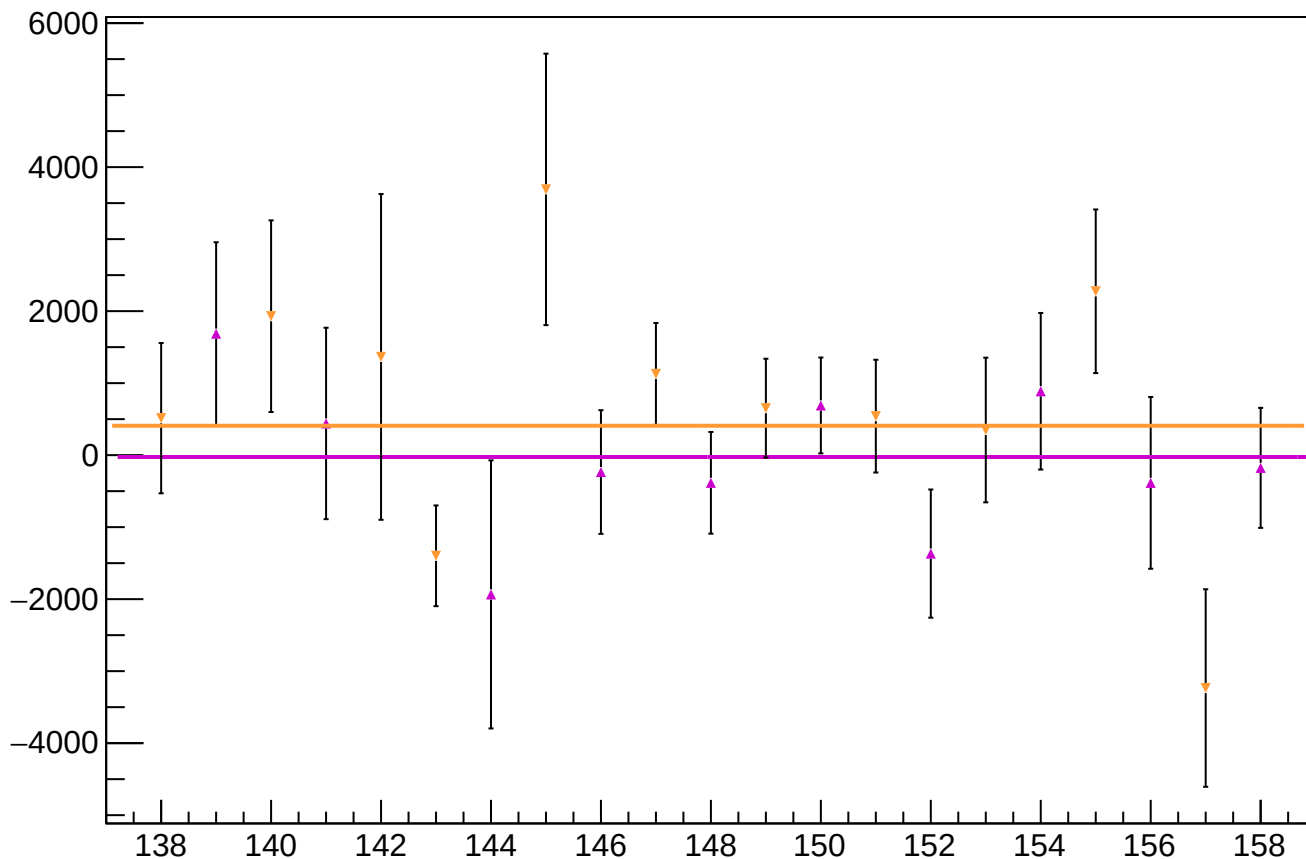
Left In: 2446.462+/-0.604 χ^2/NDF : 5733.3/9

+ sign 2542.808+/-0.473 χ^2/NDF : 721978.5/27

All: 2551.636+/-0.333 χ^2/NDF : 1415482.7/56

- sign 2560.275+/-0.468 χ^2/NDF : 692815.1/28

asym_atl1_correction_mean vs Slug



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

Left Out: 408.199+/-288.090 χ^2/NDF : 22.1/10

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

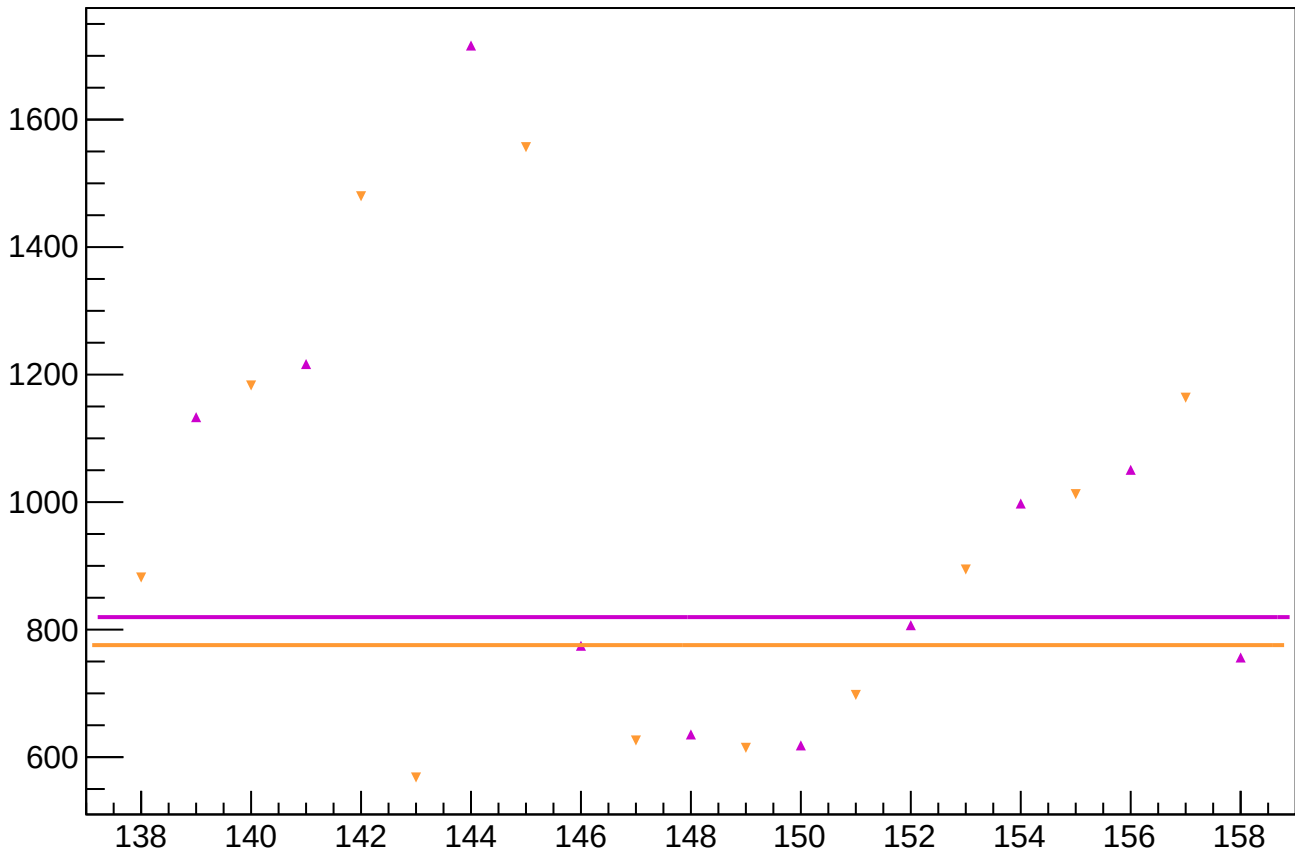
Left In: -25.896+/-296.939 χ^2/NDF : 7.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.717+/-206.768 χ^2/NDF : 30.8/20

- 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: 775.692+/-0.204 χ^2/NDF :1415401.5/10

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

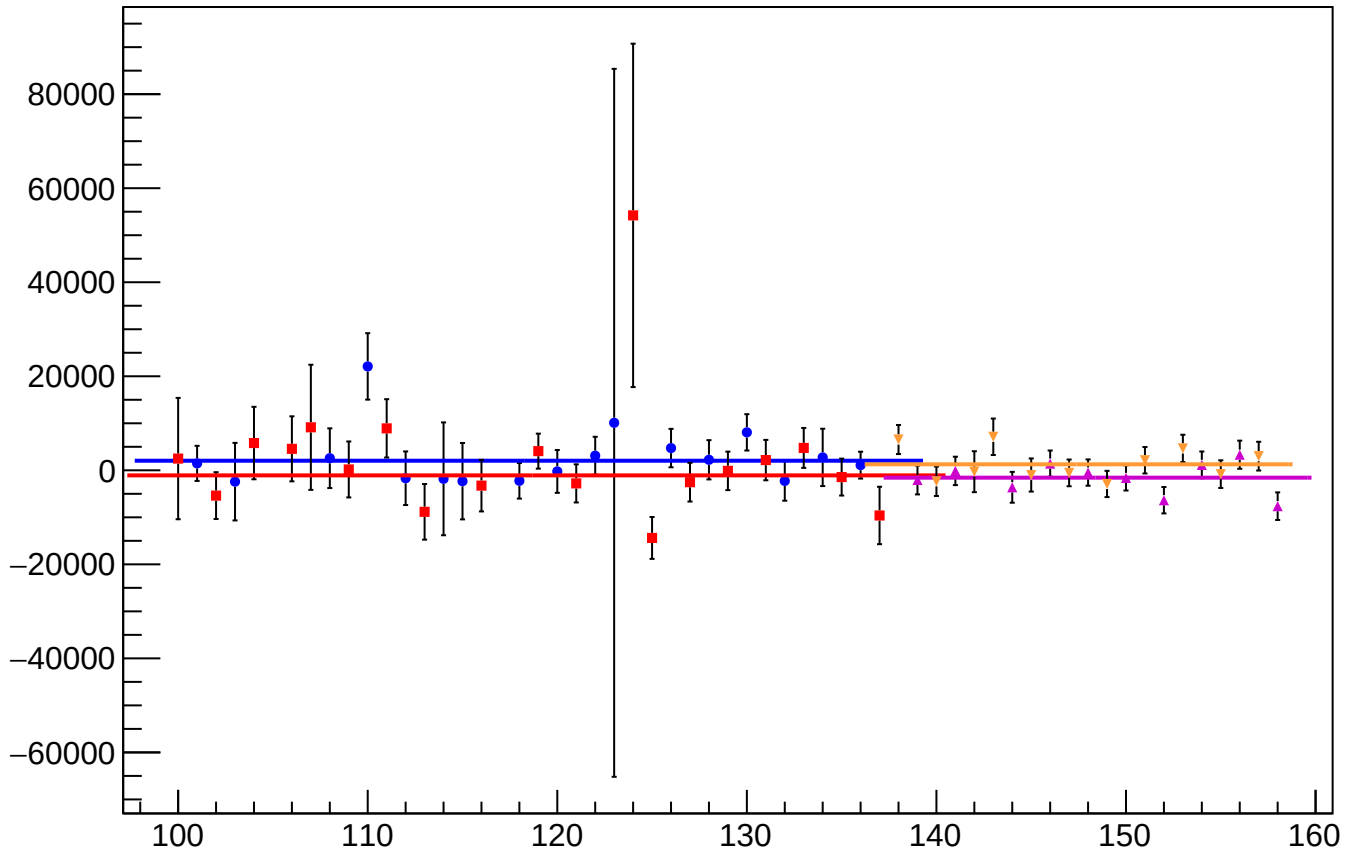
Left In: 819.620+/-0.210 χ^2/NDF :1228794.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 796.991+/-0.146 χ^2/NDF : 2666743.0/20

- 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: 1273.372 ± 942.553 χ^2/NDF : 12.0/10

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

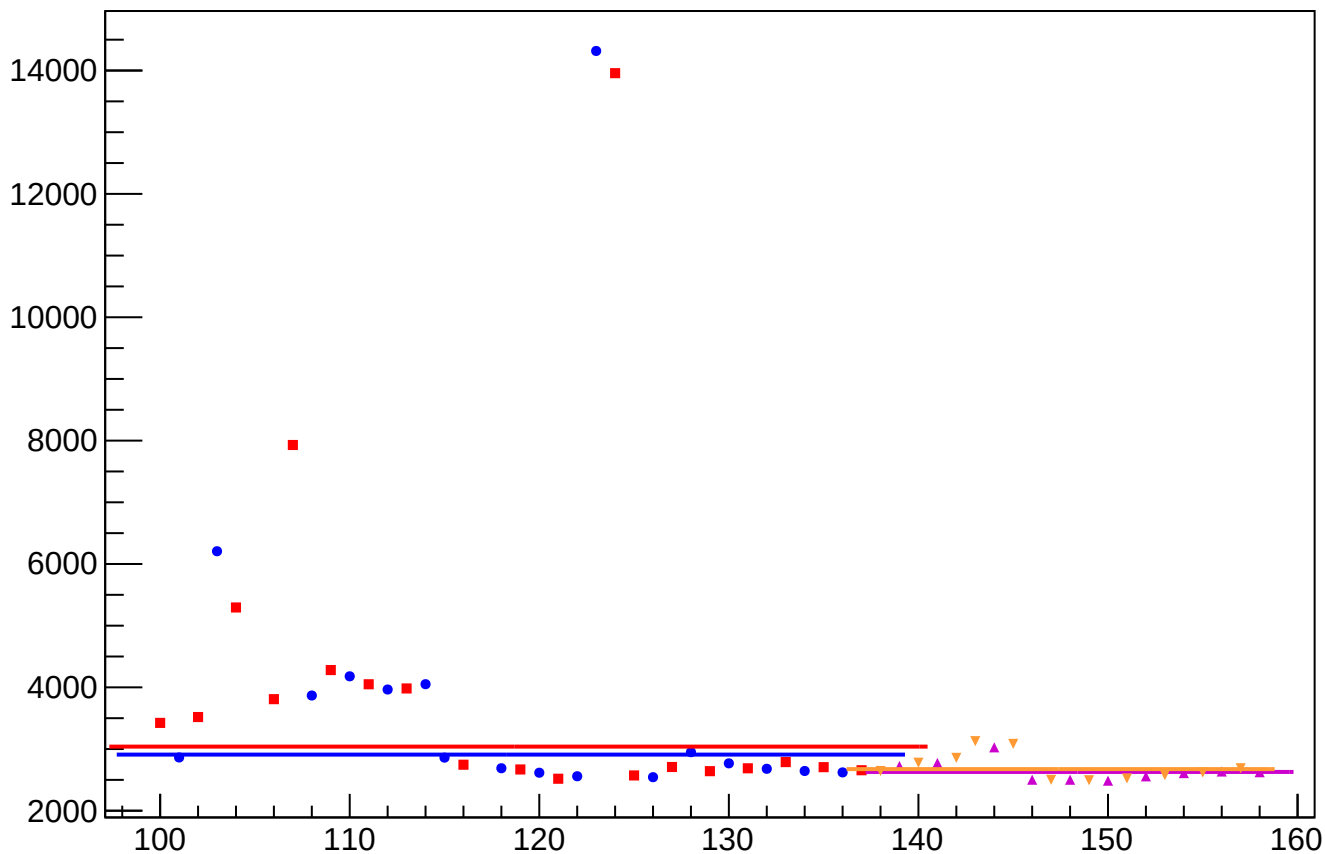
Left In: -1566.565 ± 919.088 χ^2/NDF : 12.7/9

+ sign 1580.089 ± 729.346 χ^2/NDF : 27.1/27

All: 92.433 ± 514.763 χ^2/NDF : 73.5/56

- sign -1384.175 ± 726.632 χ^2/NDF : 38.1/28

asym_atl1_rms vs Slug



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

Left Out: 2674.342+/-0.666 χ^2/NDF : 84700.1/10

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

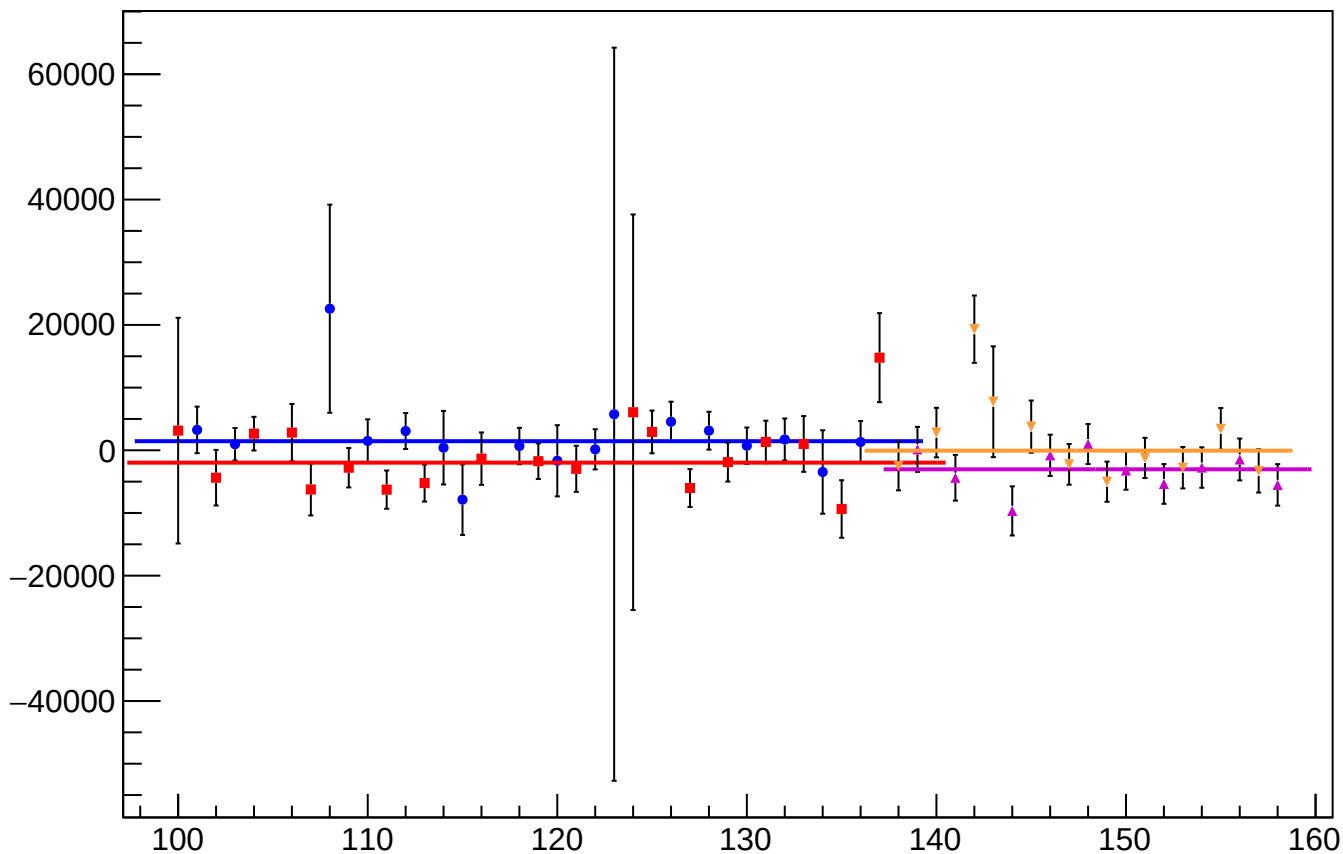
Left In: 2628.688+/-0.650 χ^2/NDF : 51379.8/9

+ sign 2768.789+/-0.516 χ^2/NDF : 776643.8/27

All: 2775.710+/-0.364 χ^2/NDF : 1989231.7/56

- sign 2782.579+/-0.514 χ^2/NDF : 1212229.1/28

dit_asym_atl2_mean vs Slug



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

Left Out: -54.170 $\pm$ 1124.497 χ^2 /NDF:21.2/10

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

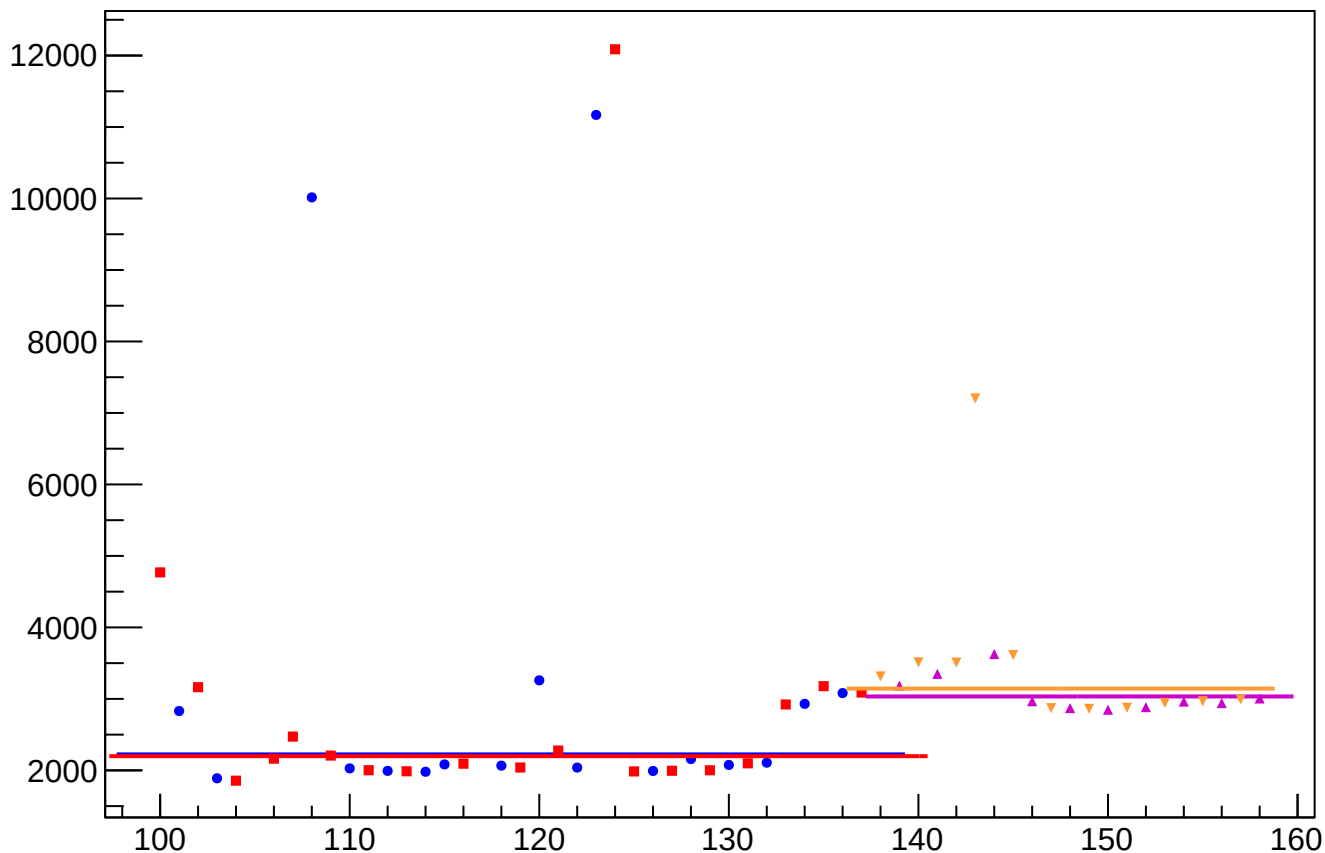
Left In: -3032.745 $\pm$ 1059.043 χ^2 /NDF:7.2/9

+ sign 872.679 $\pm$ 697.391 χ^2 /NDF: 29.7/27

All: -838.771 $\pm$ 480.558 χ^2 /NDF: 71.3/56

- sign -2386.174 $\pm$ 663.126 χ^2 /NDF: 30.2/28

dit_asym_atl2_rms vs Slug



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

Left Out: 3144.164+/-0.795 χ^2/NDF : 537939.1/10

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

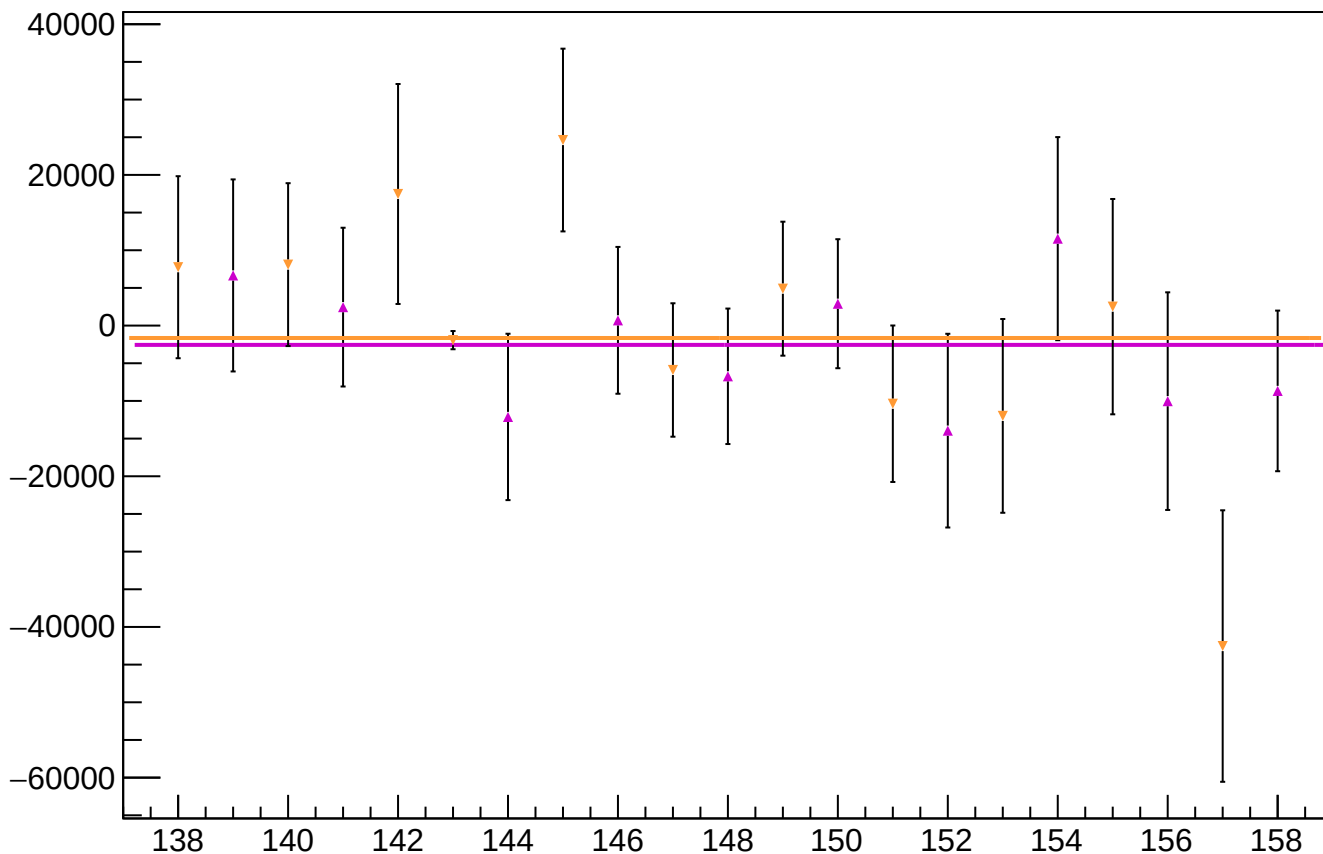
Left In: 3034.012+/-0.749 χ^2/NDF : 84998.2/9

+ sign 2577.382+/-0.493 χ^2/NDF : 2213894.2/27

All: 2550.360+/-0.340 χ^2/NDF : 3663750.5/56

- sign 2525.949+/-0.469 χ^2/NDF : 1444140.9/28

asym_atl2_correction_mean vs Slug



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

Left Out: -1646.527+/-1146.987 χ^2/NDF : 15.2/10

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

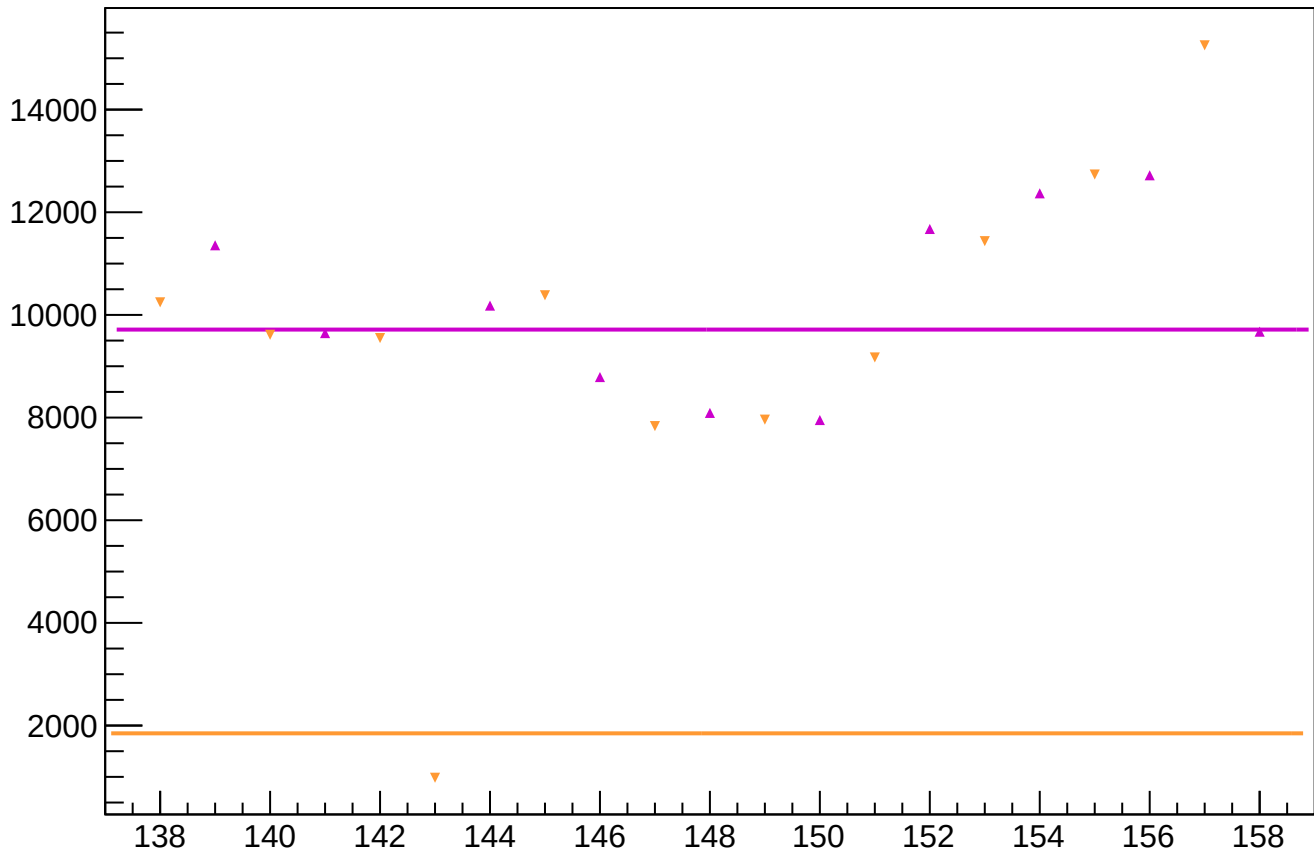
Left In: -2562.299+/-3428.674 χ^2/NDF : 4.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1738.696+/-1087.737 χ^2/NDF : 20.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_correction_rms vs Slug



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

Left Out: 1848.104+/-0.811 χ^2/NDF :10803466.8/10

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

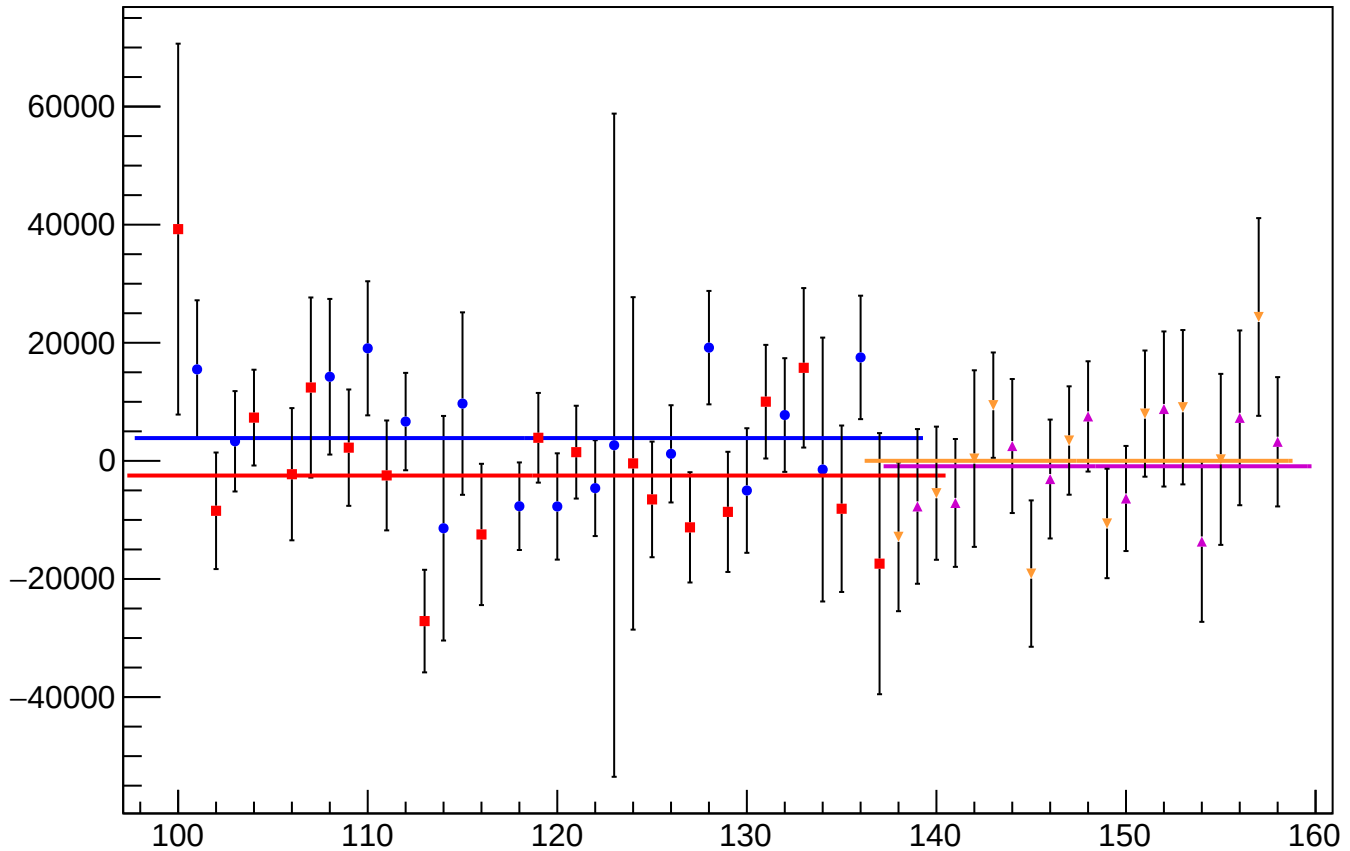
Left In: 9714.257+/-2.424 χ^2/NDF :415558.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.799+/-0.769 χ^2/NDF : 20686480.1/2

- 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: 11.227+/-3446.682 χ^2/NDF : 9.4/10

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

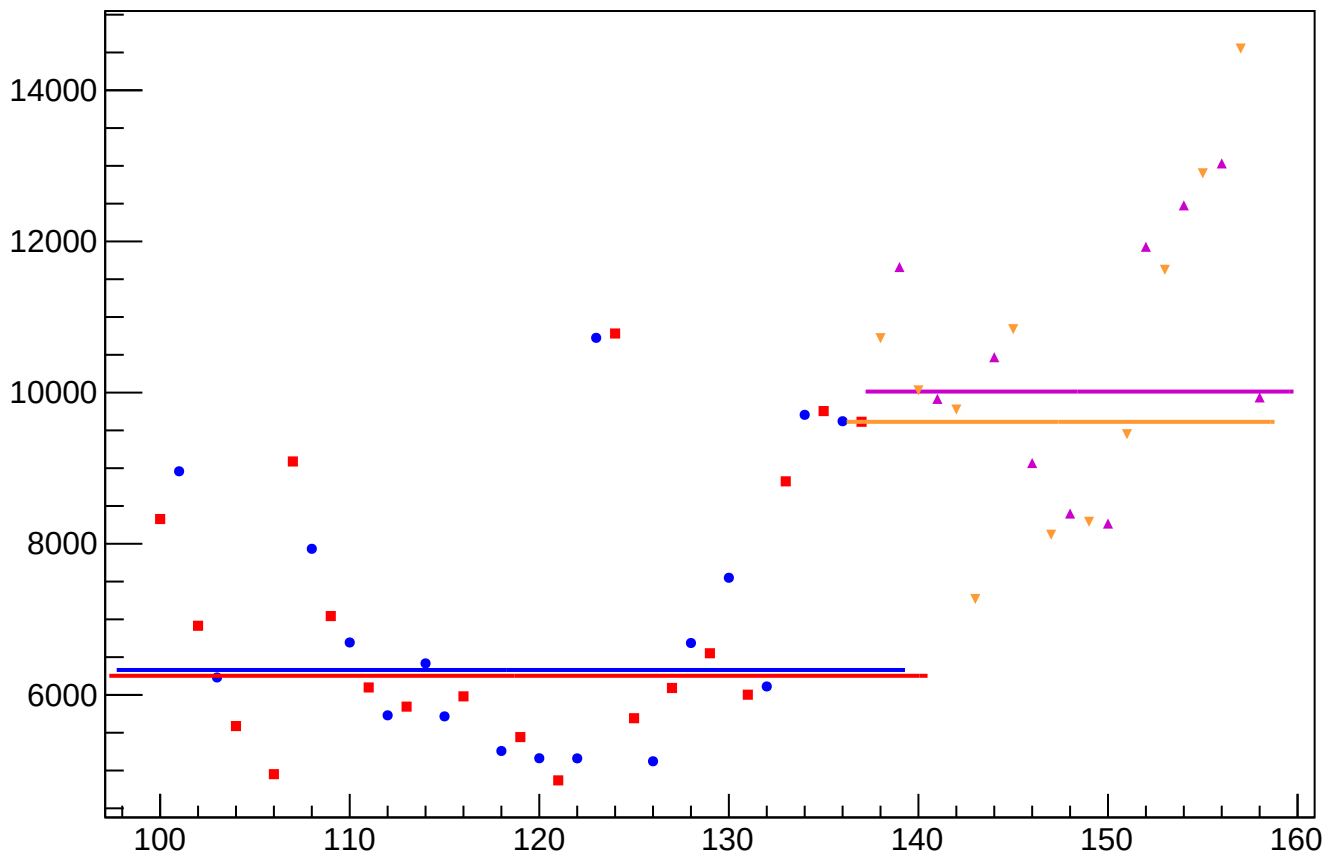
Left In: -914.012+/-3531.106 χ^2/NDF : 3.8/9

+ sign 2526.983+/-2028.354 χ^2/NDF : 25.0/27

All: 237.721+/-1423.022 χ^2/NDF : 51.4/56

- sign -1981.157+/-1996.929 χ^2/NDF : 24.0/28

asym_atl2_rms vs Slug



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

Left Out: 9613.352 ± 2.437 χ^2/NDF : 594673.0/10

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

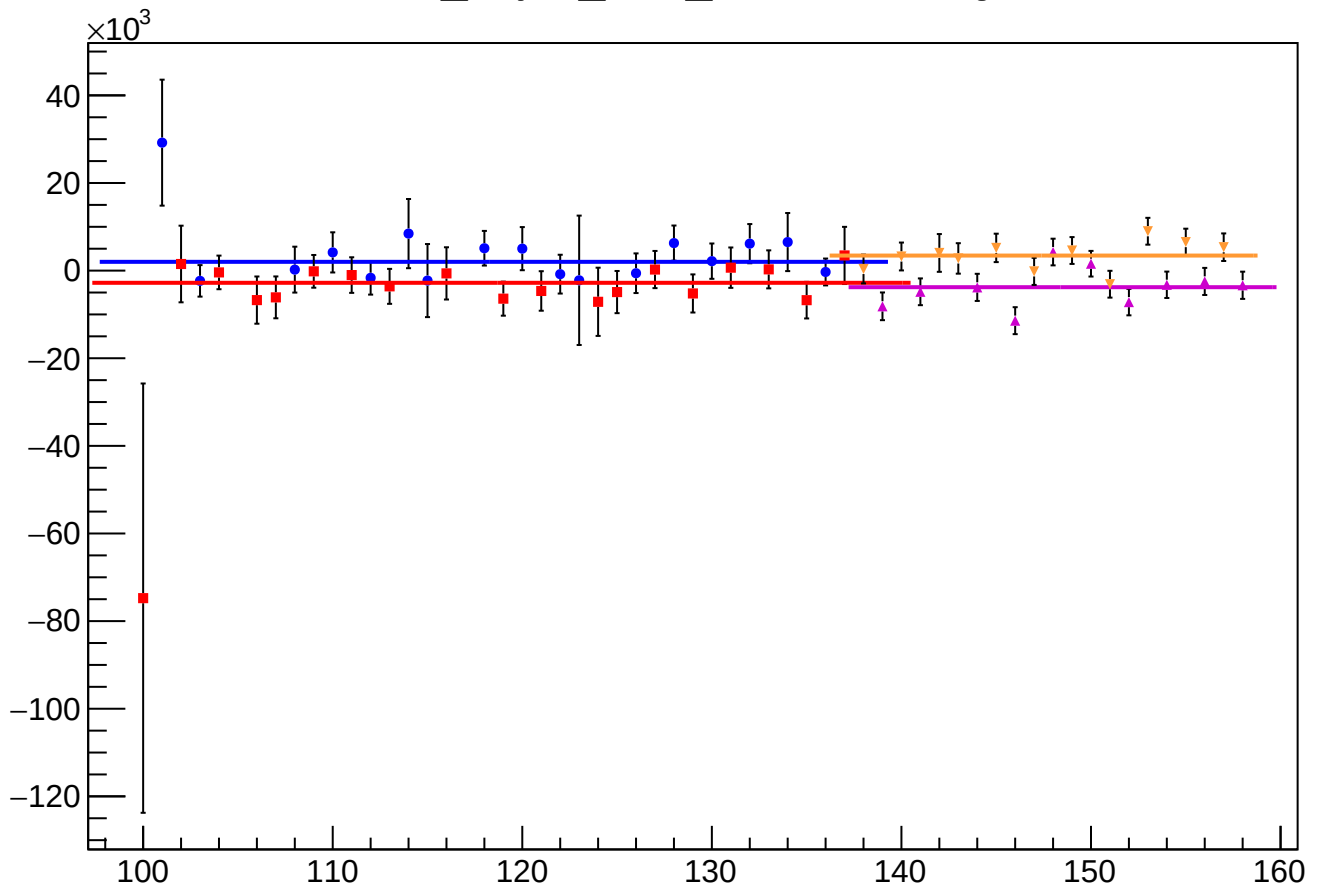
Left In: 10013.687 ± 2.497 χ^2/NDF : 380911.1/9

+ sign 7467.293 ± 1.434 χ^2/NDF : 2374242.1/27

All: 7461.501 ± 1.006 χ^2/NDF : 4833321.4/56

- sign 7455.888 ± 1.412 χ^2/NDF : 2459047.2/28

dit_asym_atr1_mean vs Slug



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

Left Out: 3437.101+/-973.413 χ^2 /NDF:12.0/10

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

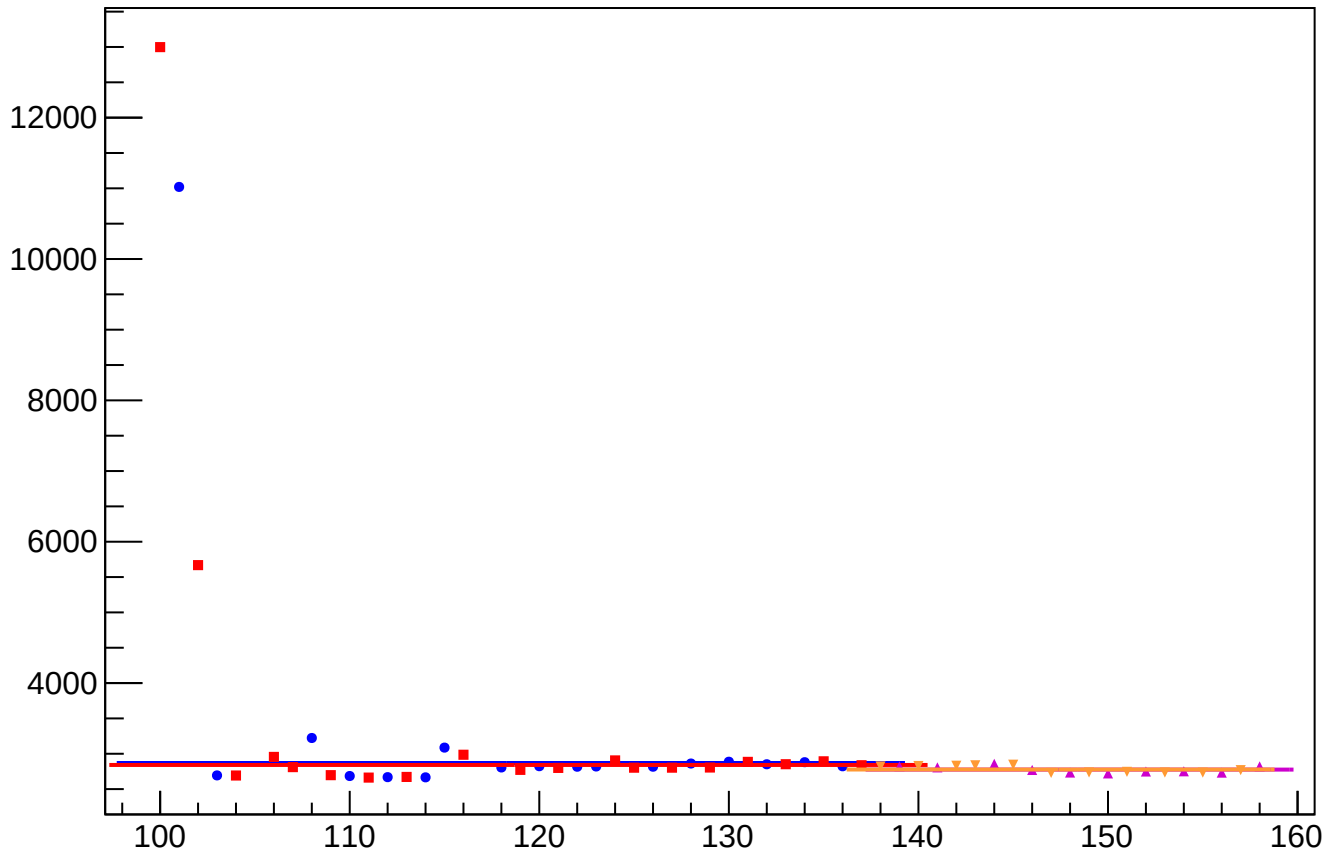
Left In: -3782.277+/-966.792 χ^2 /NDF:20.0/9

+ sign 2829.858+/-738.682 χ^2 /NDF: 24.9/27

All: -324.689+/-516.385 χ^2 /NDF: 91.0/56

- sign -3339.666+/-722.156 χ^2 /NDF: 30.4/28

dit_asym_atr1_rms vs Slug



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

Left Out: 2777.065+/-0.688 χ^2/NDF : 4552.9/10

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

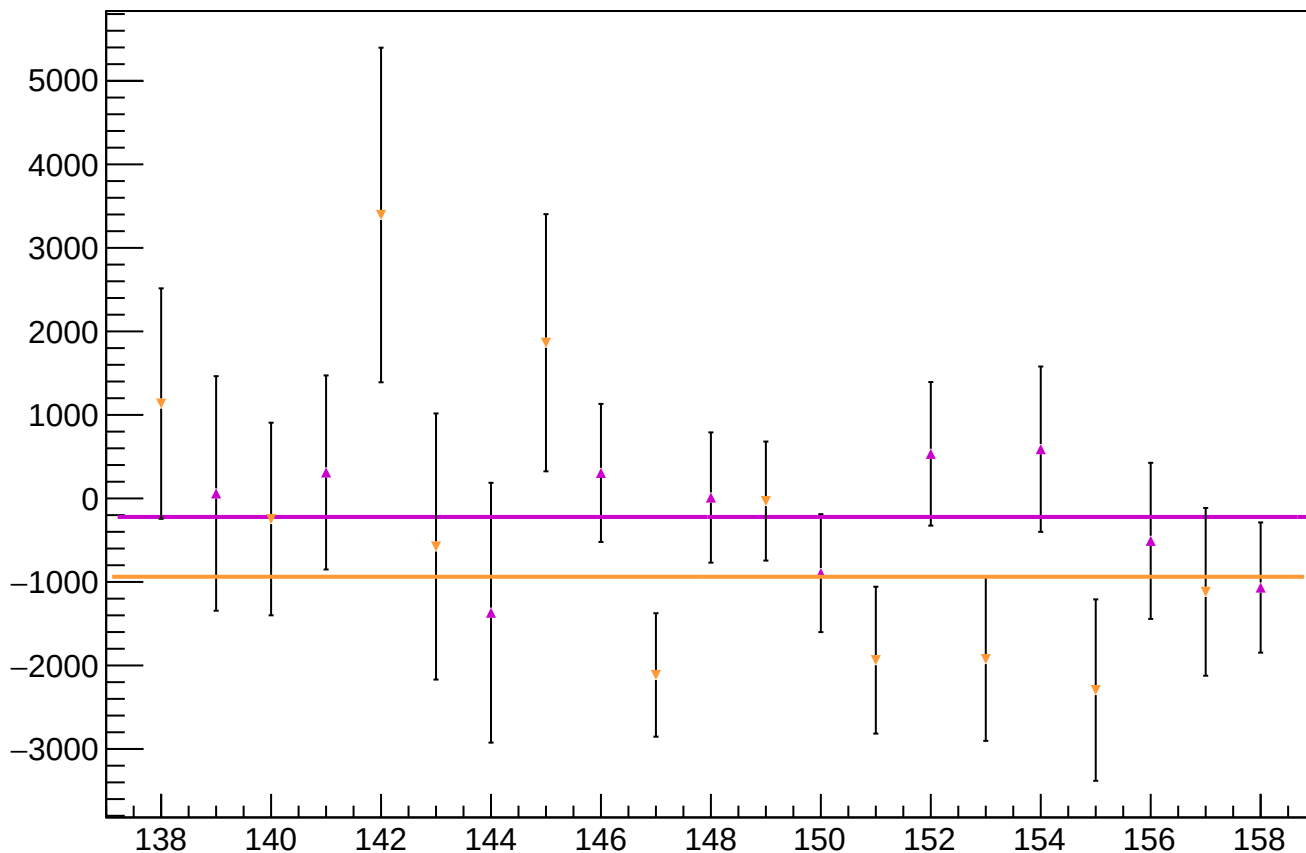
Left In: 2775.881+/-0.684 χ^2/NDF : 4213.6/9

+ sign 2816.141+/-0.522 χ^2/NDF : 682052.6/27

All: 2810.401+/-0.365 χ^2/NDF : 1003105.7/56

- sign 2804.915+/-0.511 χ^2/NDF : 320816.9/28

asym_atr1_correction_mean vs Slug



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

Left Out: -937.980+/-311.343 χ^2/NDF :18.7/10

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

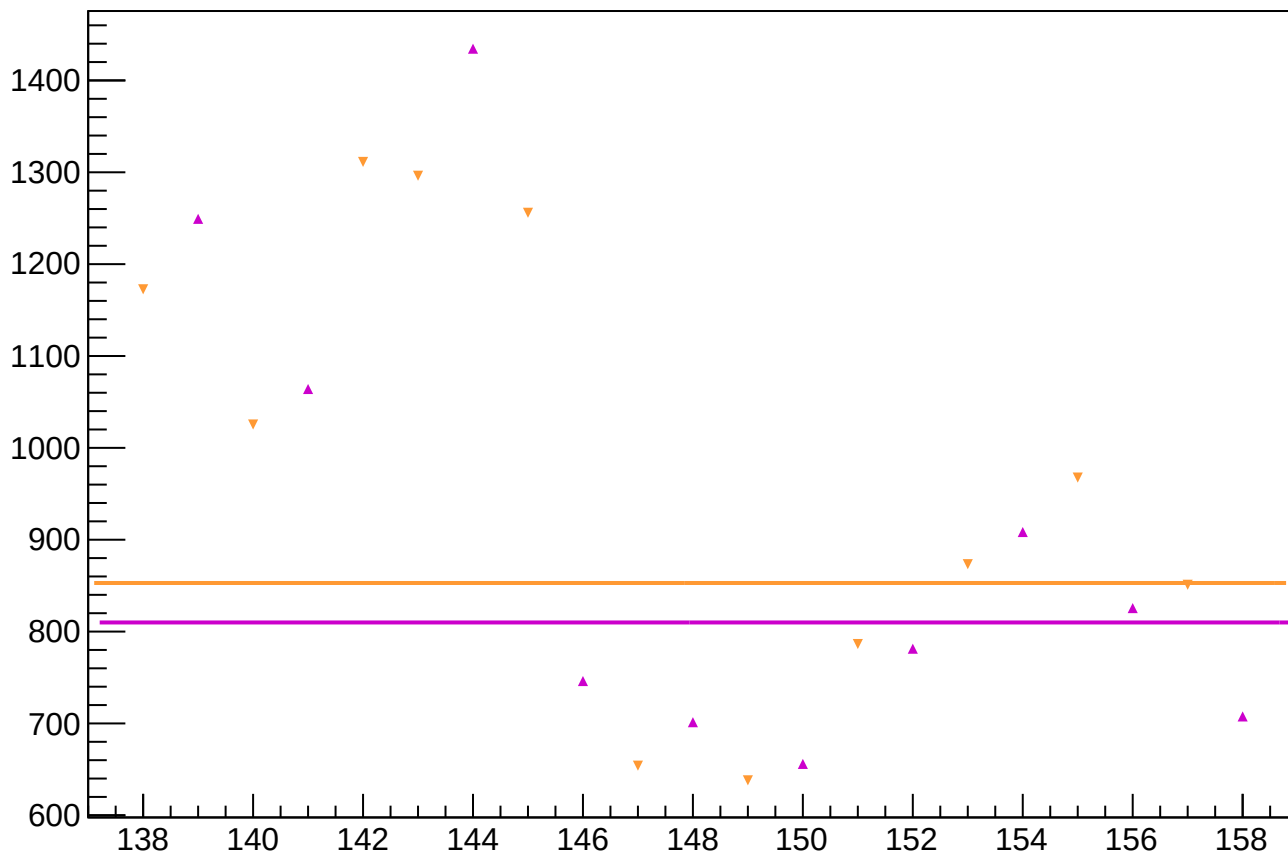
Left In: -221.647+/-289.410 χ^2/NDF :4.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -553.696+/-211.974 χ^2/NDF : 26.5/20

- 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: 852.897+/-0.220 χ^2/NDF : 910033.5/10

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

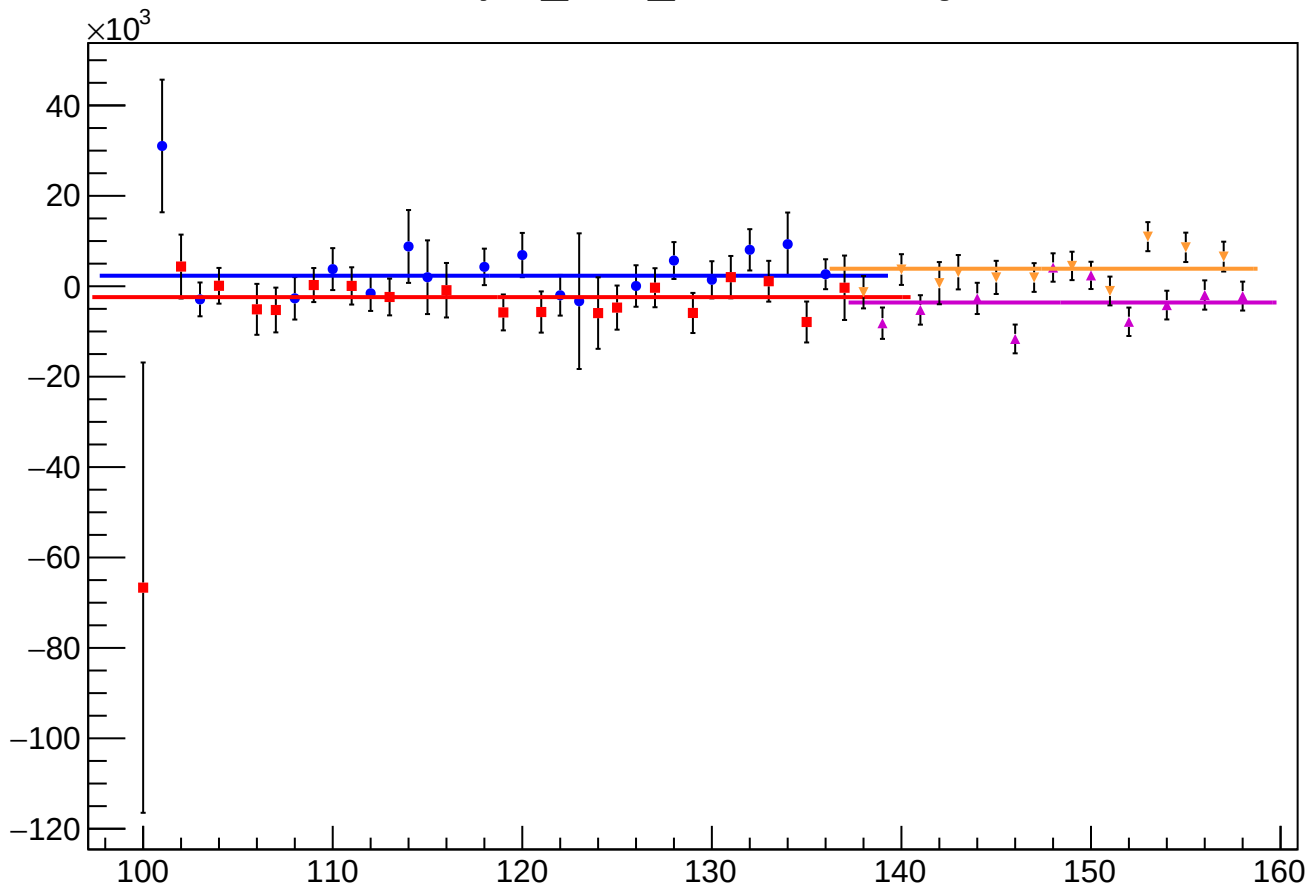
Left In: 809.921+/-0.205 χ^2/NDF : 816801.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.842+/-0.150 χ^2/NDF : 1747277.8/20

- 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: 3879.287+/-1033.326 χ^2/NDF : 13.4/10

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

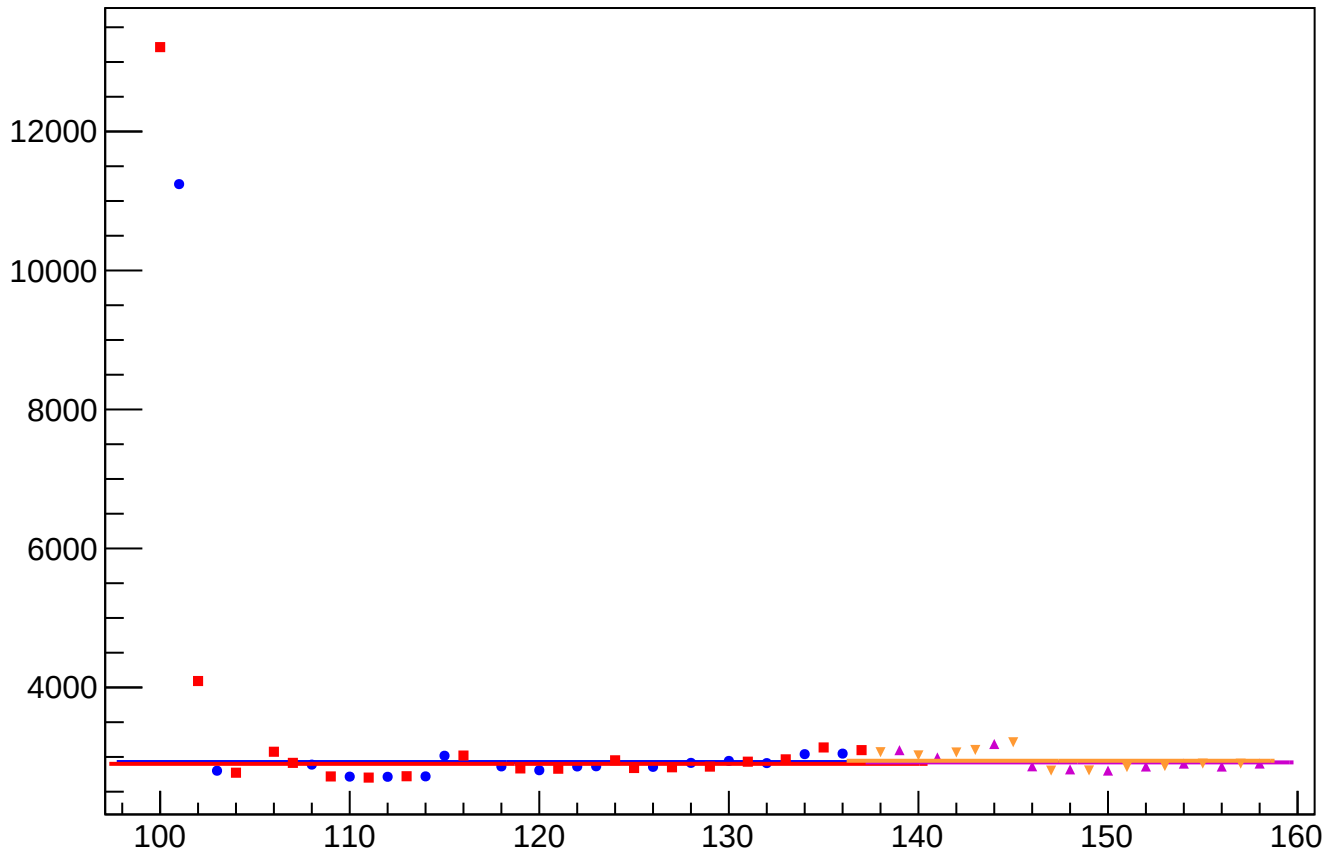
Left In: -3595.105+/-1018.199 χ^2/NDF : 20.8/9

+ sign 3191.609+/-770.569 χ^2/NDF : 28.7/27

All: -12.499+/-537.588 χ^2/NDF : 94.0/56

- sign -3050.771+/-750.363 χ^2/NDF : 31.5/28

asym_atr1_rms vs Slug



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

Left Out: 2945.141+/-0.731 χ^2/NDF : 29864.9/10

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

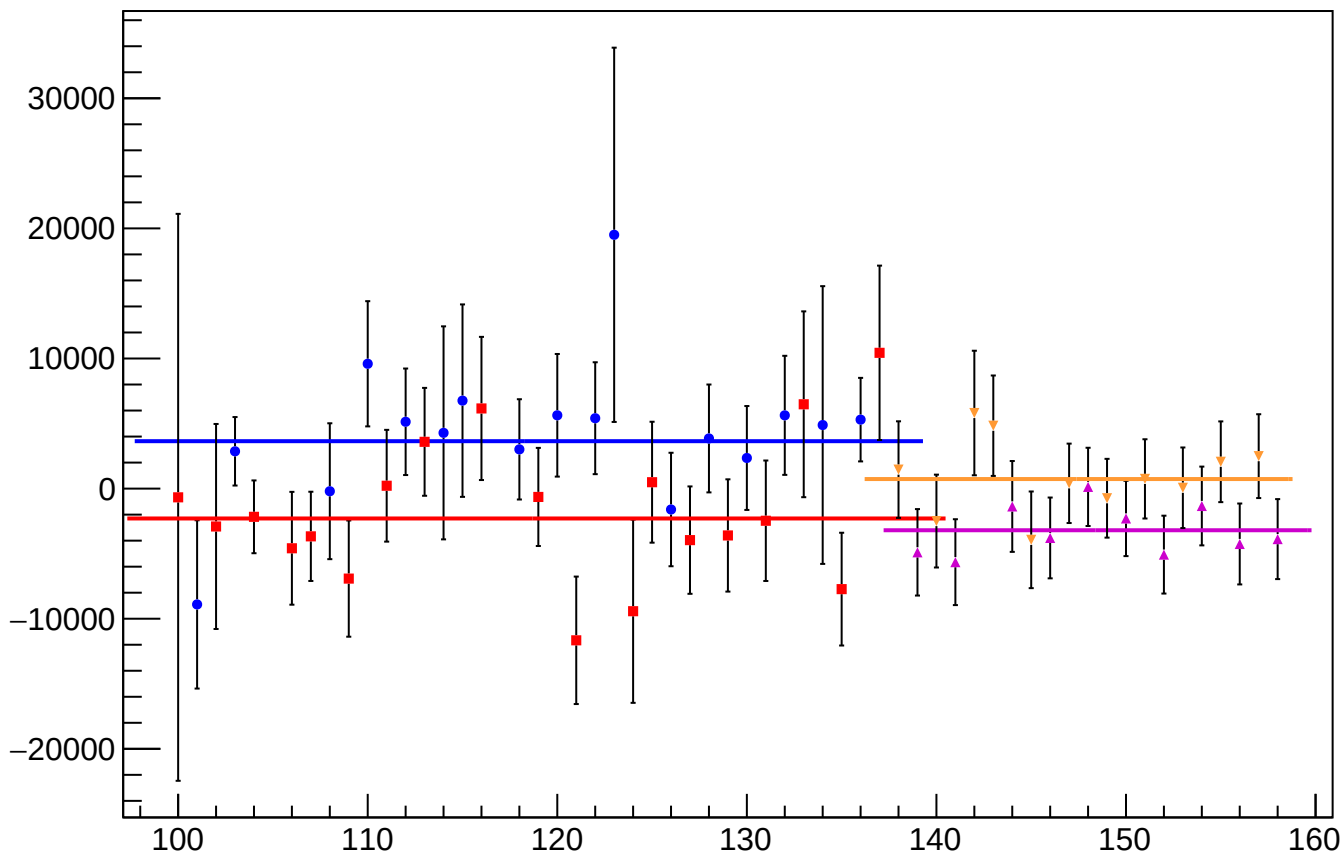
Left In: 2921.534+/-0.720 χ^2/NDF : 25056.0/9

+ sign 2936.915+/-0.545 χ^2/NDF : 692944.8/27

All: 2924.164+/-0.380 χ^2/NDF : 889312.3/56

- sign 2912.073+/-0.531 χ^2/NDF : 195300.6/28

dit_asym_atr2_mean vs Slug



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

Left Out: 734.972 ± 1018.876 χ^2/NDF : 5.5/10

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

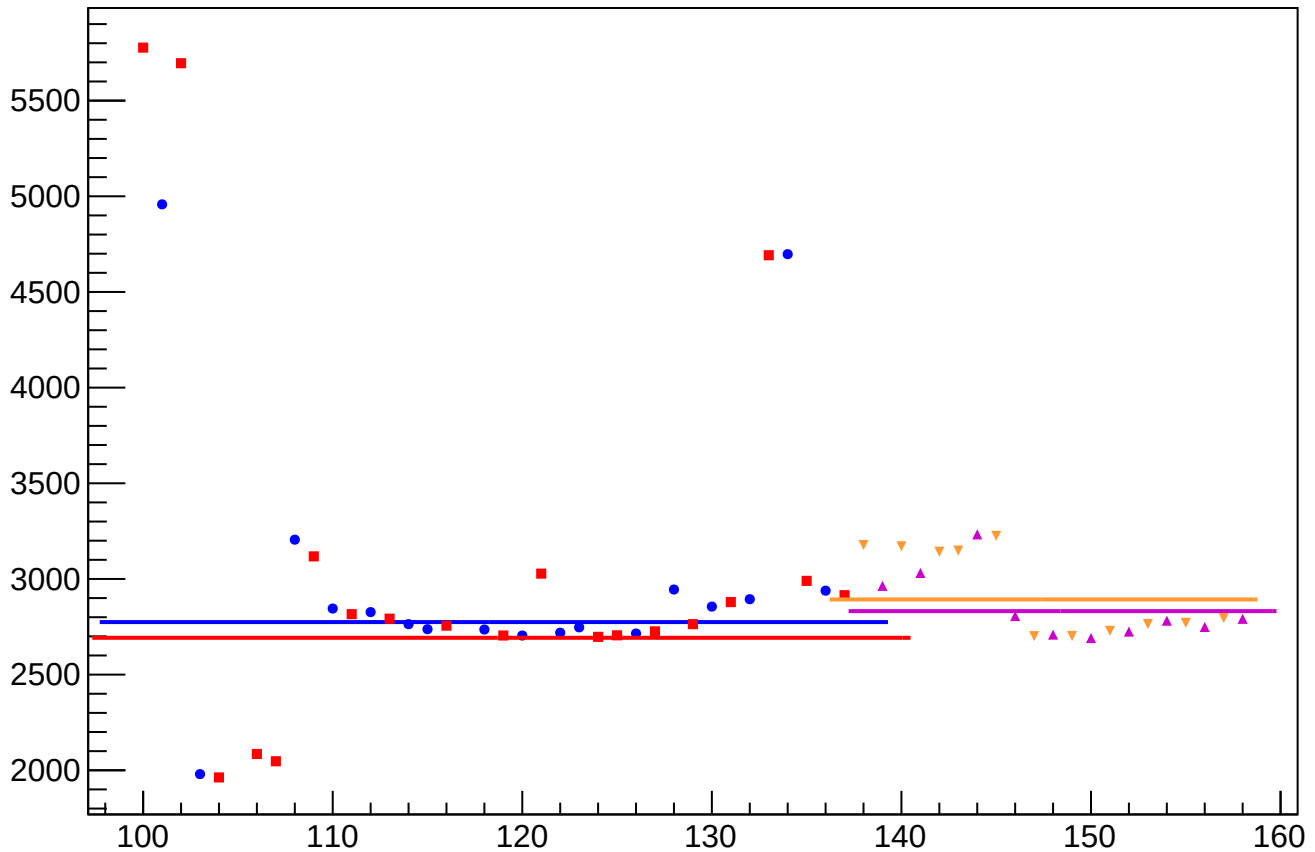
Left In: -3200.531 ± 986.202 χ^2/NDF : 3.4/9

+ sign 2090.104 ± 744.802 χ^2/NDF : 19.1/27

All: -432.187 ± 516.858 χ^2/NDF : 63.4/56

- sign -2775.159 ± 717.838 χ^2/NDF : 22.2/28

dit_asym_atr2_rms vs Slug



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

Left Out: 2892.816+/-0.720 χ^2/NDF : 84140.5/10

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

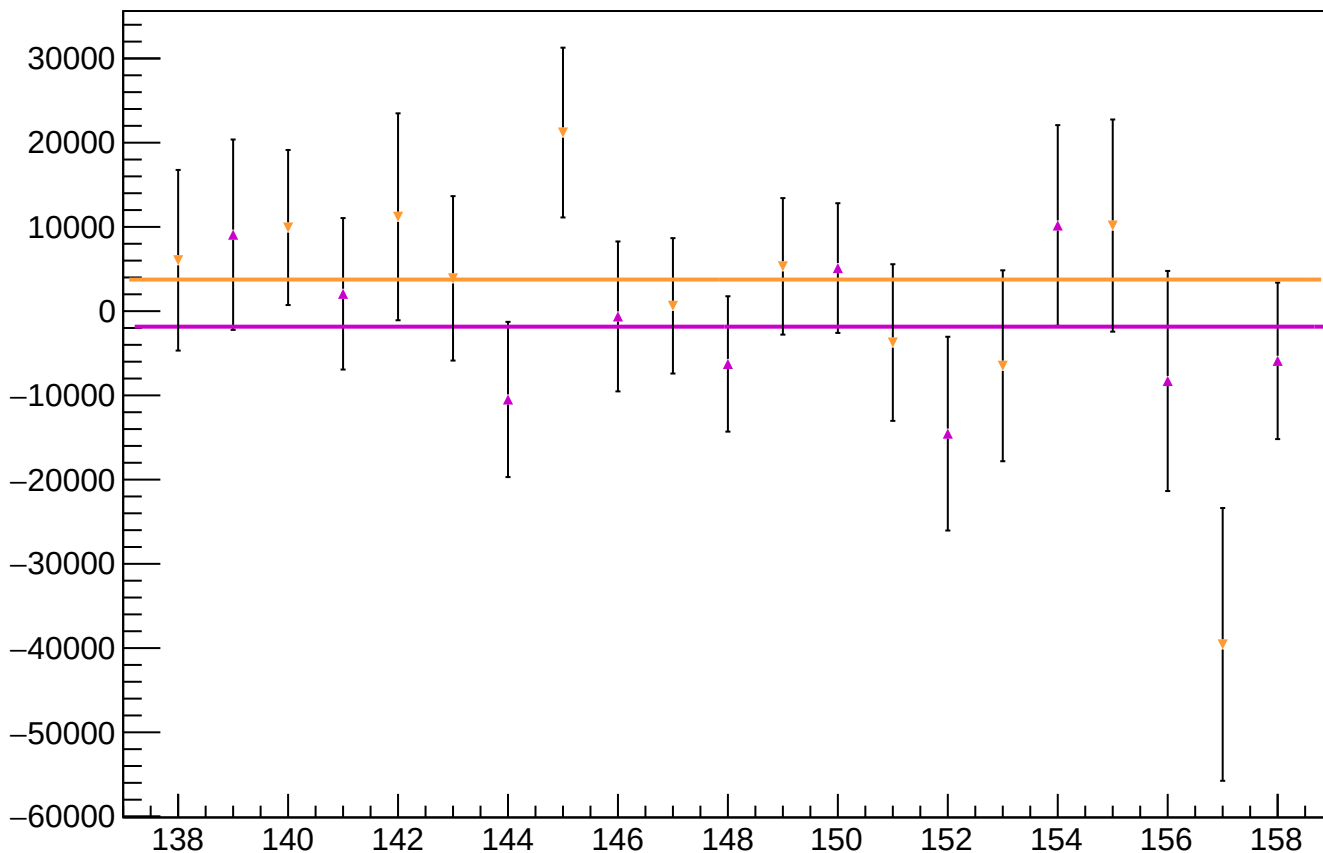
Left In: 2831.869+/-0.697 χ^2/NDF : 49905.1/9

+ sign 2837.779+/-0.527 χ^2/NDF : 598353.8/27

All: 2800.728+/-0.365 χ^2/NDF : 1456856.0/56

- sign 2766.321+/-0.508 χ^2/NDF : 848956.7/28

asym_atr2_correction_mean vs Slug



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

Left Out: 3751.830+/-3047.920 χ^2/NDF : 12.9/10

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

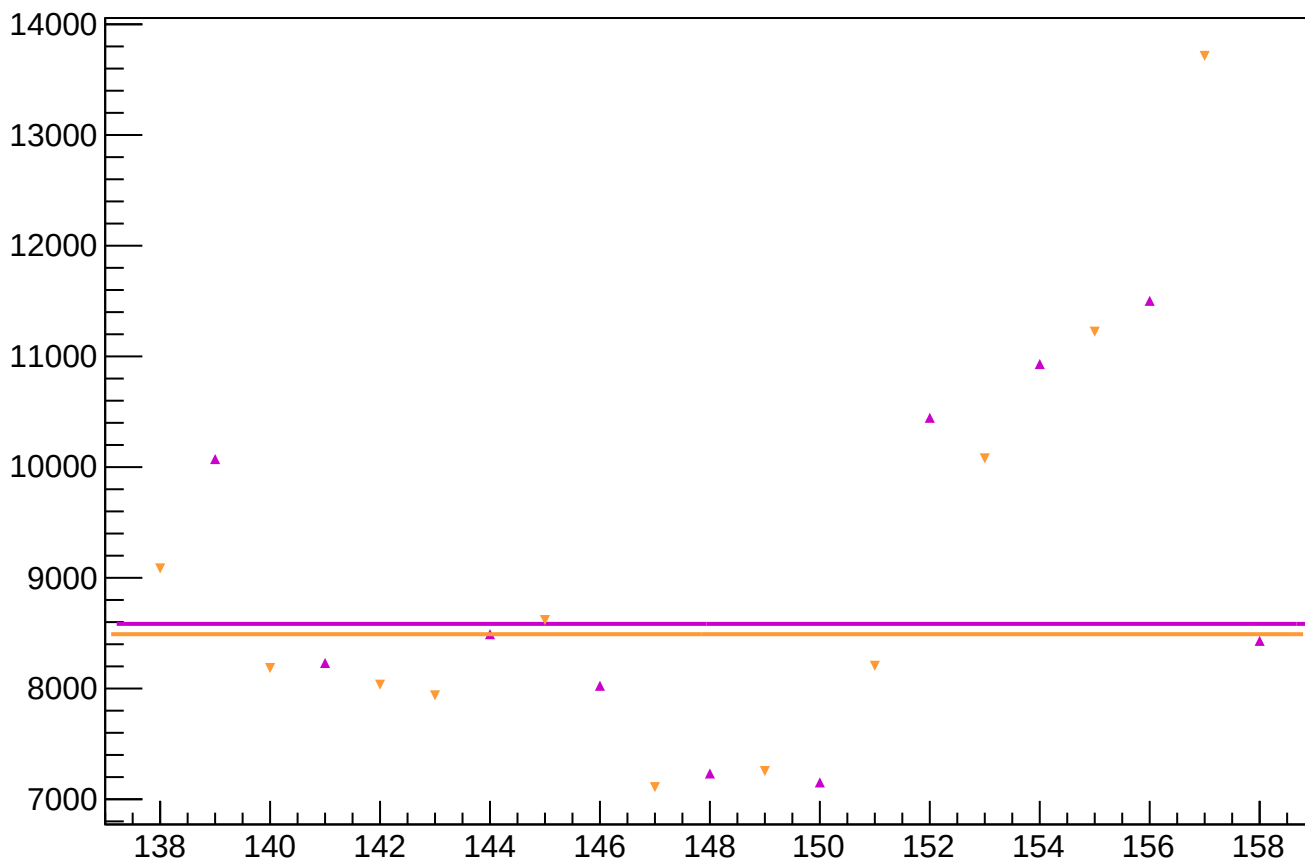
Left In: -1842.546+/-3028.863 χ^2/NDF : 5.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 937.097+/-2148.436 χ^2/NDF : 20.4/20

- 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: 8490.695+/-2.155 χ^2/NDF : 466956.0/10

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

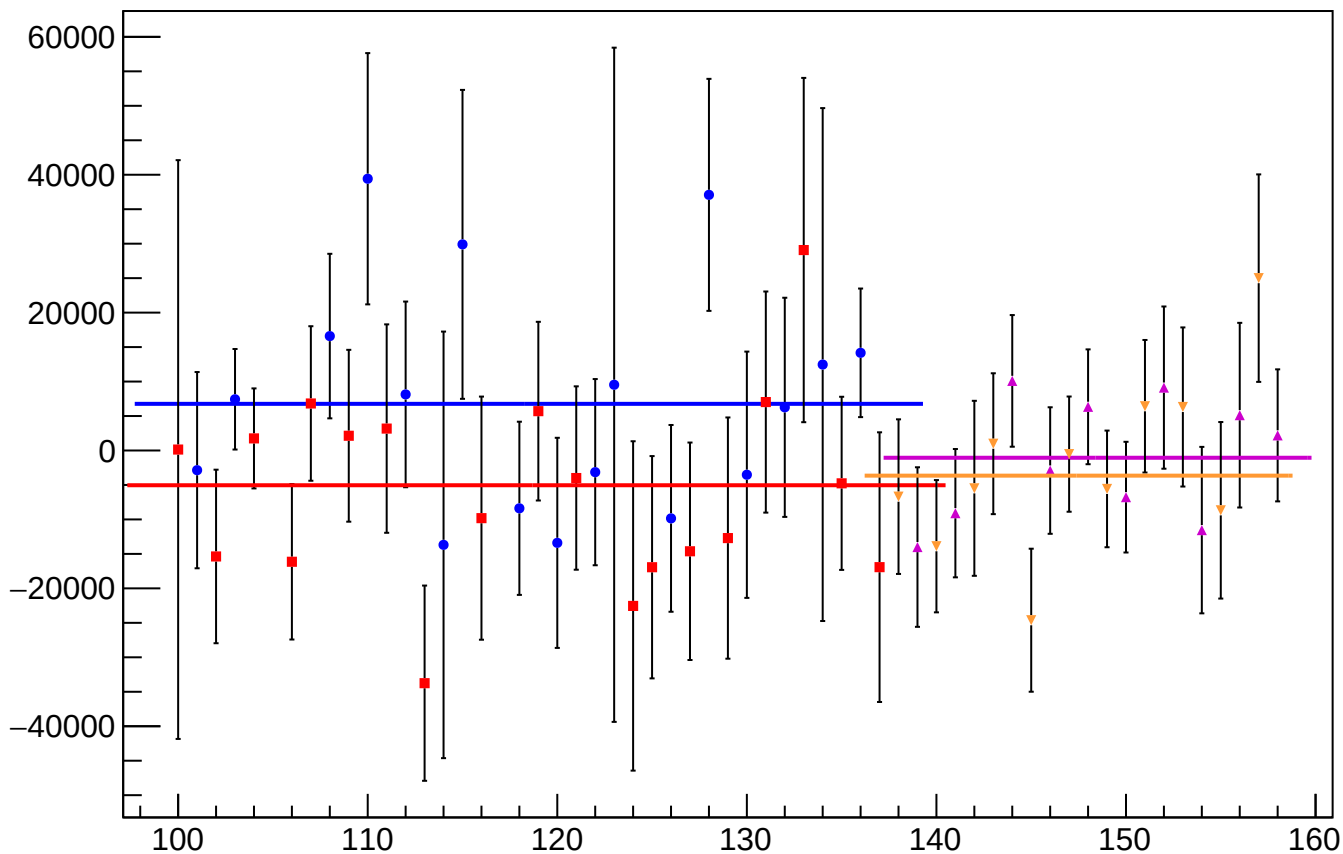
Left In: 8583.996+/-2.142 χ^2/NDF : 401983.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8537.638+/-1.519 χ^2/NDF : 869882.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -3648.291+/-3146.118 χ^2/NDF : 11.3/10

Right Out: -5041.440+/-3167.616 χ^2/NDF : 13.6/18

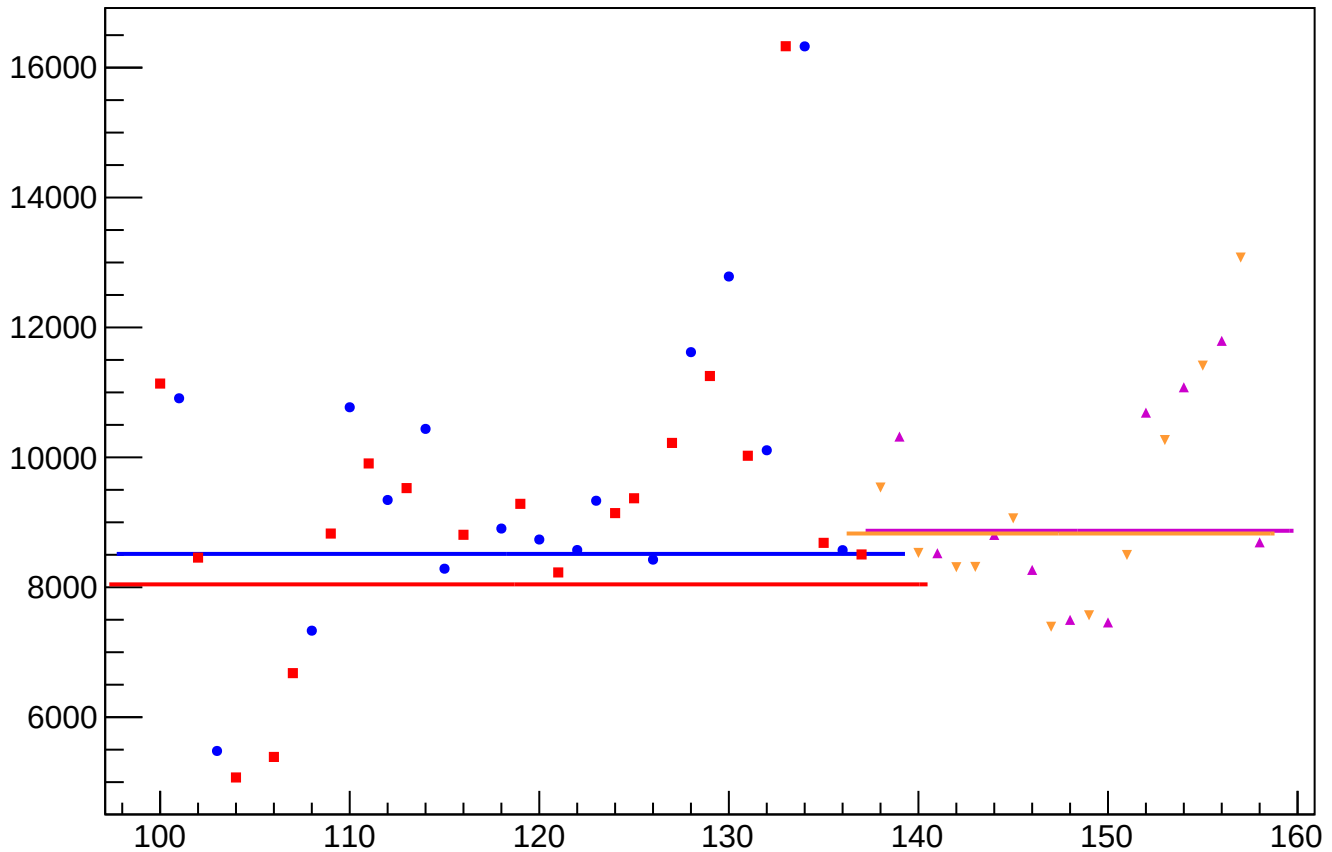
Left In: -1053.684+/-3125.945 χ^2/NDF : 6.5/9

+ sign 1175.827+/-2305.143 χ^2/NDF : 31.8/27

All: -996.927+/-1600.882 χ^2/NDF : 54.4/56

- sign -3021.159+/-2224.964 χ^2/NDF : 20.9/28

asym_atr2_rms vs Slug



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

Left Out: 8827.604+/-2.225 χ^2/NDF : 396929.6/10

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

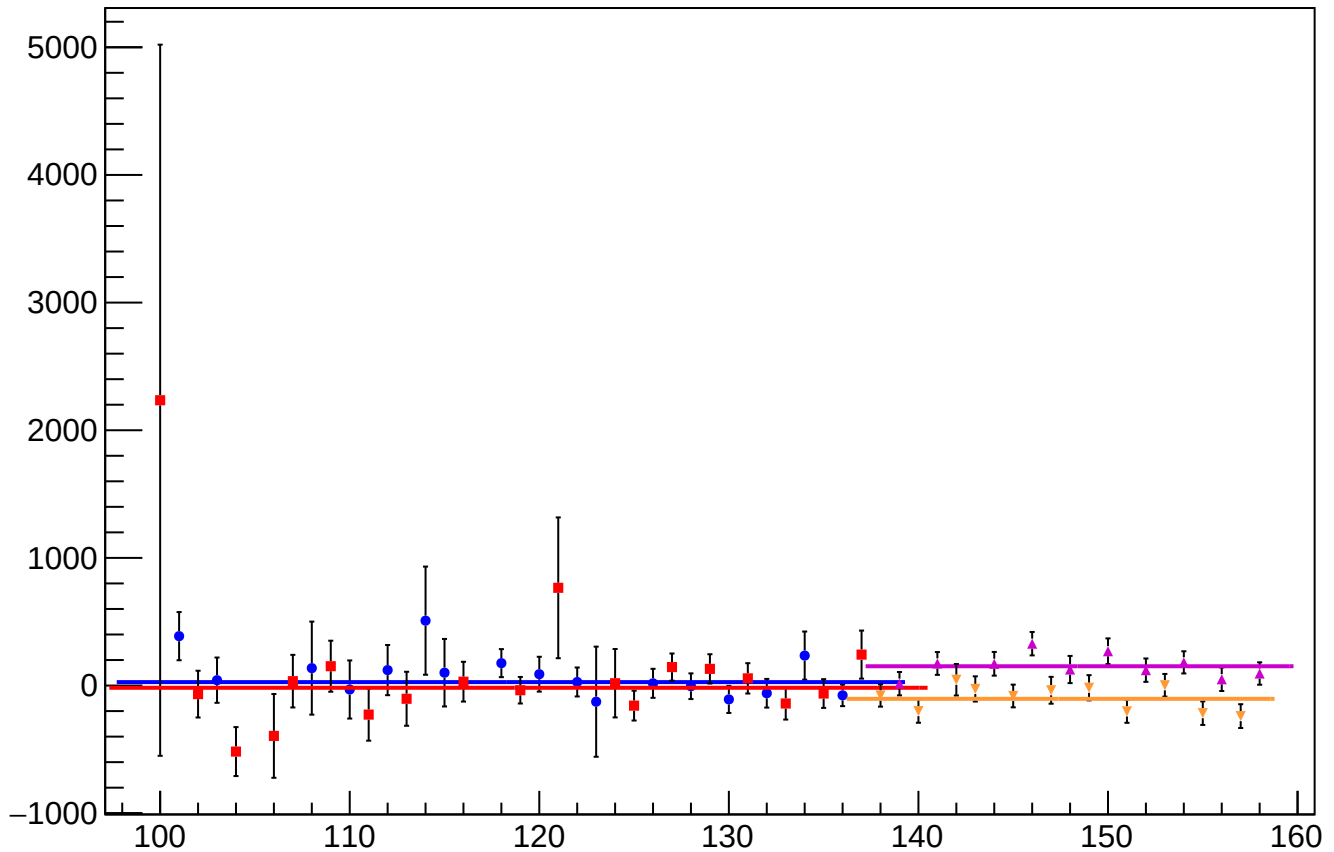
Left In: 8869.731+/-2.210 χ^2/NDF : 369640.2/9

+ sign 8682.201+/-1.630 χ^2/NDF : 1168767.6/27

All: 8568.556+/-1.132 χ^2/NDF : 2568840.9/56

- sign 8462.683+/-1.573 χ^2/NDF : 1390683.5/28

dit_asym_sam1_mean vs Slug



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

Left Out: -104.004+/-28.612 χ^2/NDF : 10.7/10

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

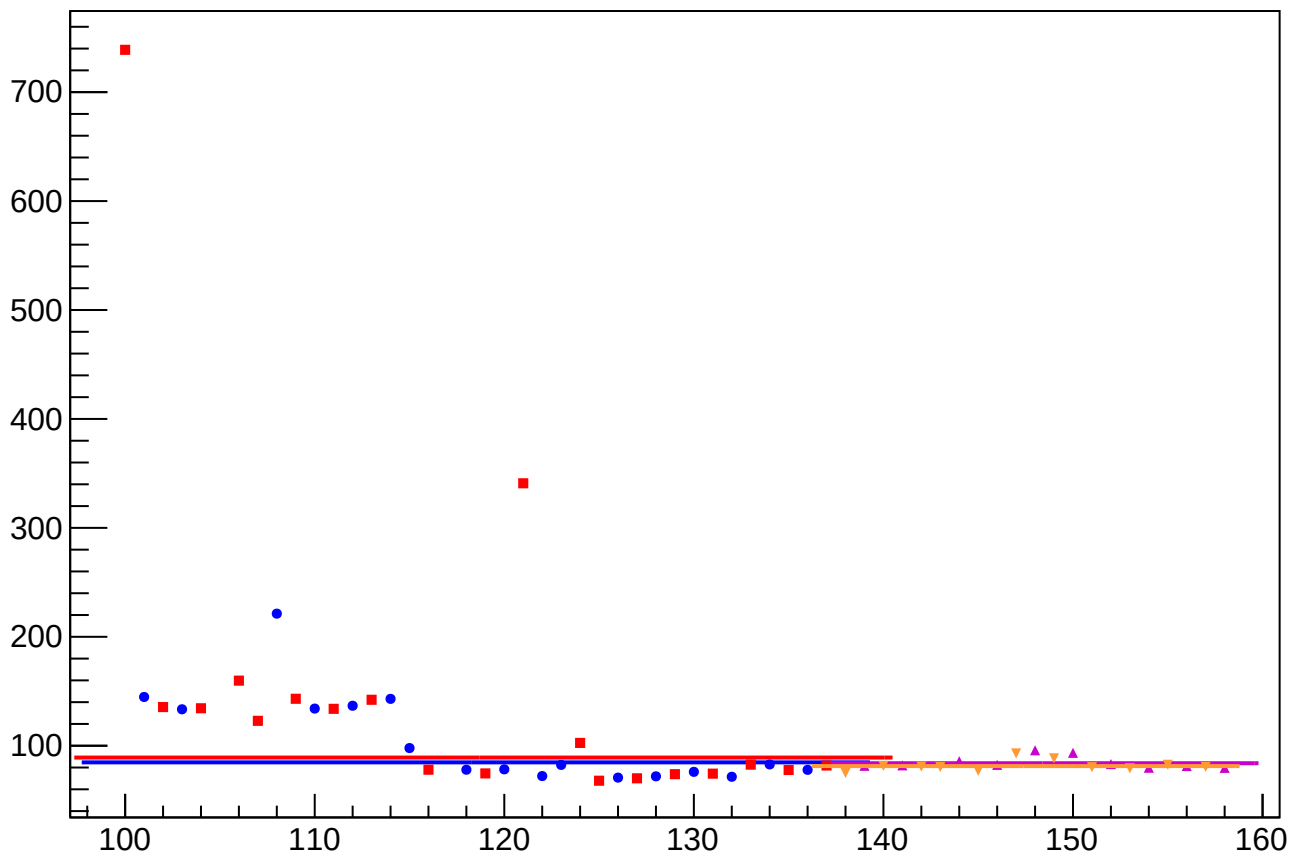
Left In: 151.209+/-29.280 χ^2/NDF : 9.4/9

+ sign -49.773+/-21.900 χ^2/NDF : 32.0/27

All: 14.555+/-15.727 χ^2/NDF : 94.4/56

- sign 83.067+/-22.601 χ^2/NDF : 44.6/28

dit_asym_sam1_rms vs Slug



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

Left Out: 81.312 $\pm$ 0.020 χ^2 /NDF: 51924.7/10

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

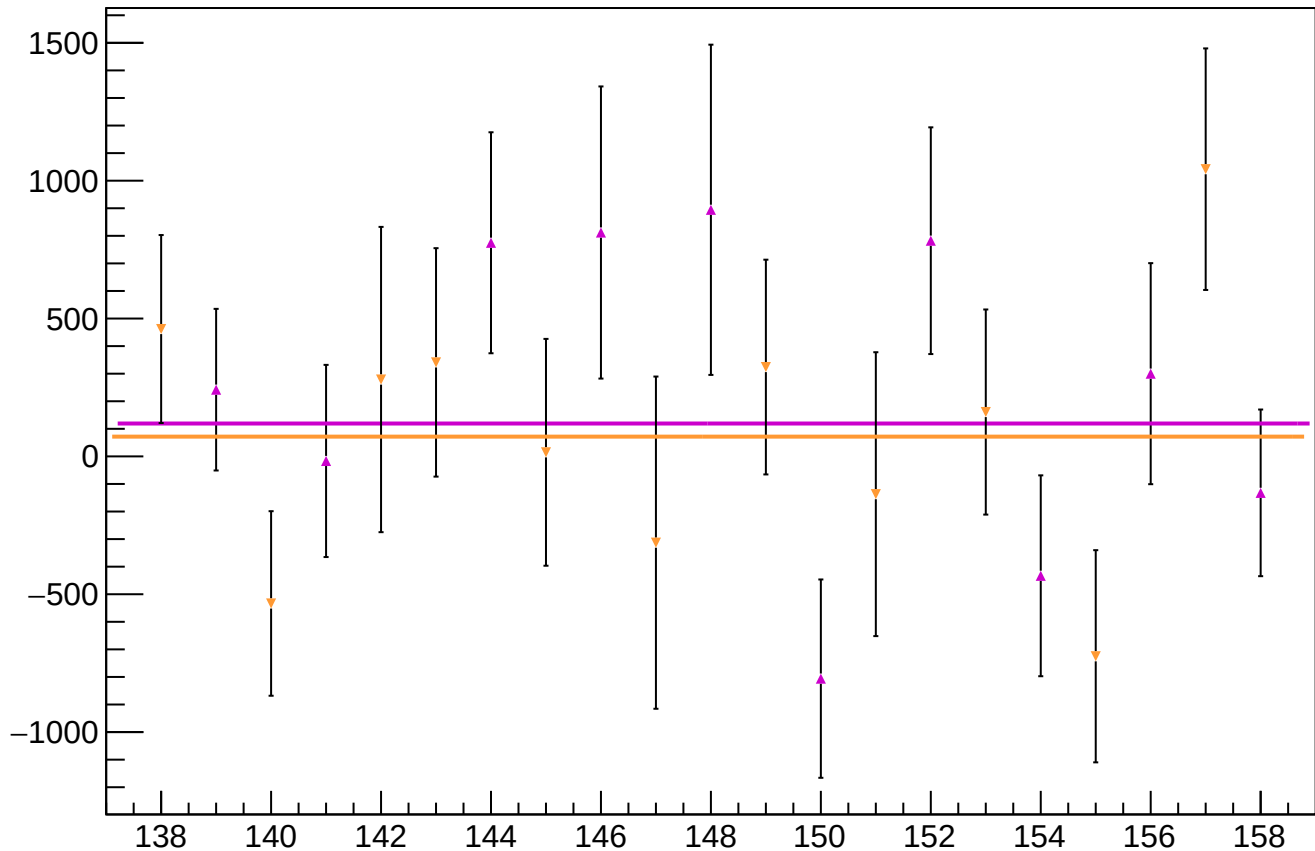
Left In: 83.955 $\pm$ 0.021 χ^2 /NDF: 57493.3/9

+ sign 82.730 $\pm$ 0.015 χ^2 /NDF: 1128216.5/27

All: 84.339 $\pm$ 0.011 χ^2 /NDF: 2792642.6/56

- sign 86.052 $\pm$ 0.016 χ^2 /NDF: 1642146.9/28

asym_sam1_correction_mean vs Slug



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

Left Out: 71.675+/-124.190 χ^2/NDF :15.4/10

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

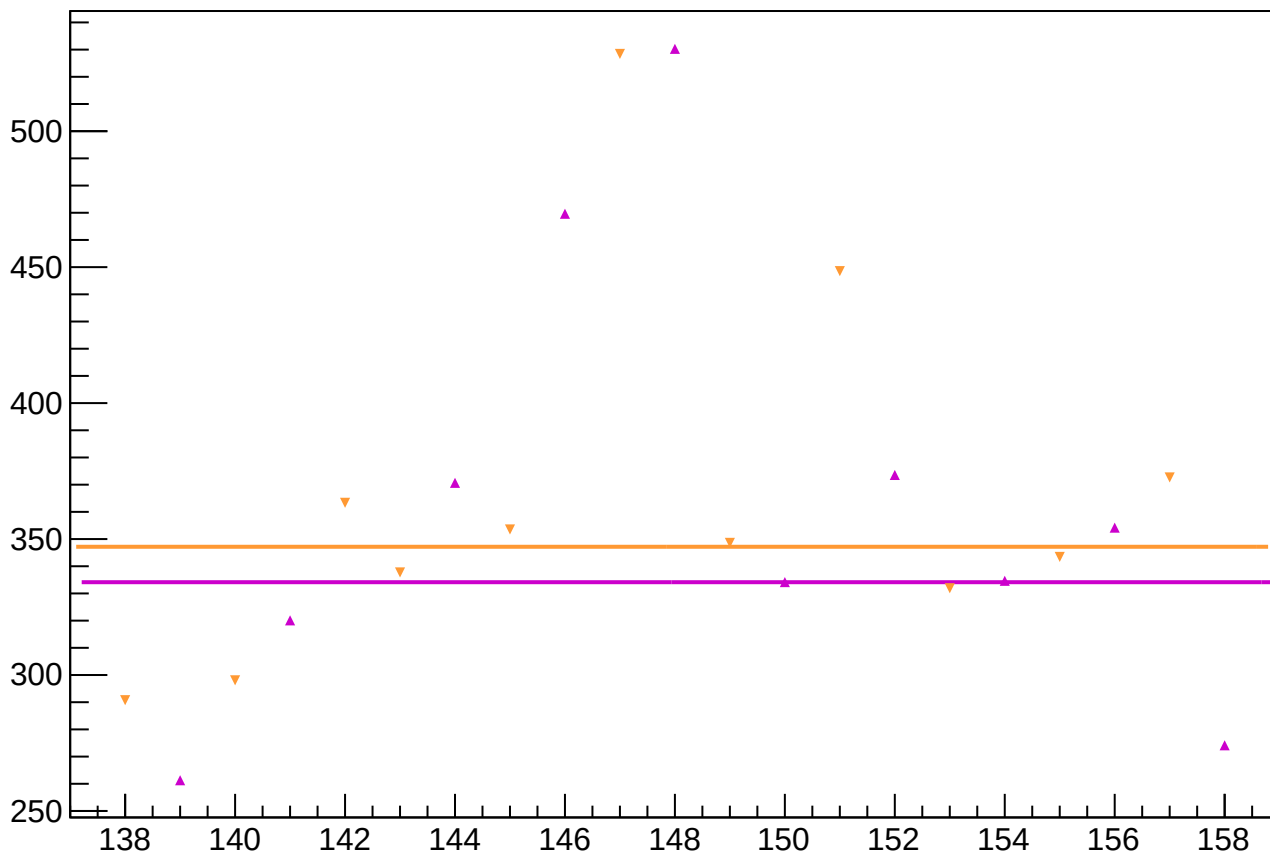
Left In: 119.244+/-118.849 χ^2/NDF :18.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.505+/-85.865 χ^2/NDF : 34.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 347.166+/-0.088 χ^2/NDF :369944.1/10

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

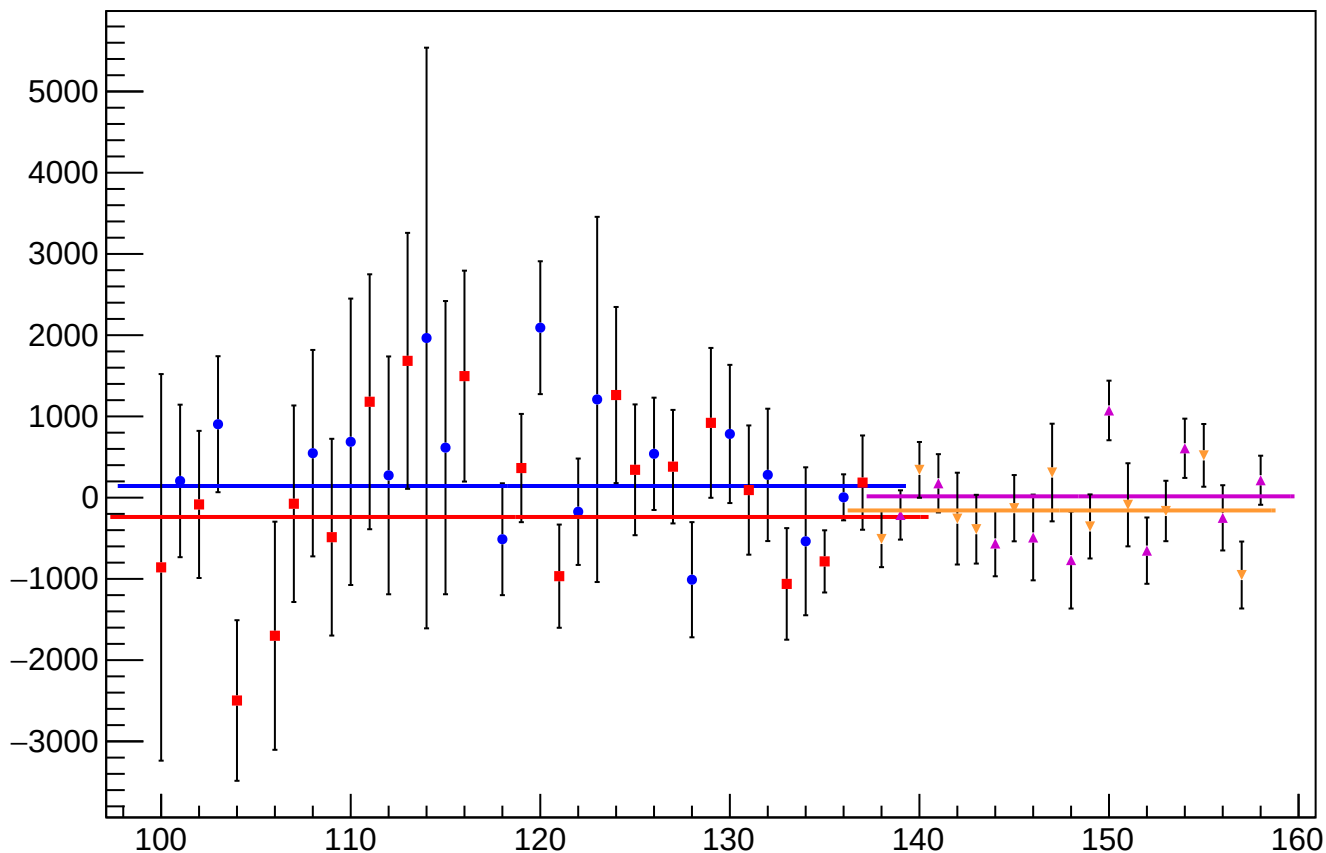
Left In: 334.133+/-0.084 χ^2/NDF :590875.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.363+/-0.061 χ^2/NDF : 972317.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -157.515 $\pm$ 124.642 χ^2 /NDF:11.2/10

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

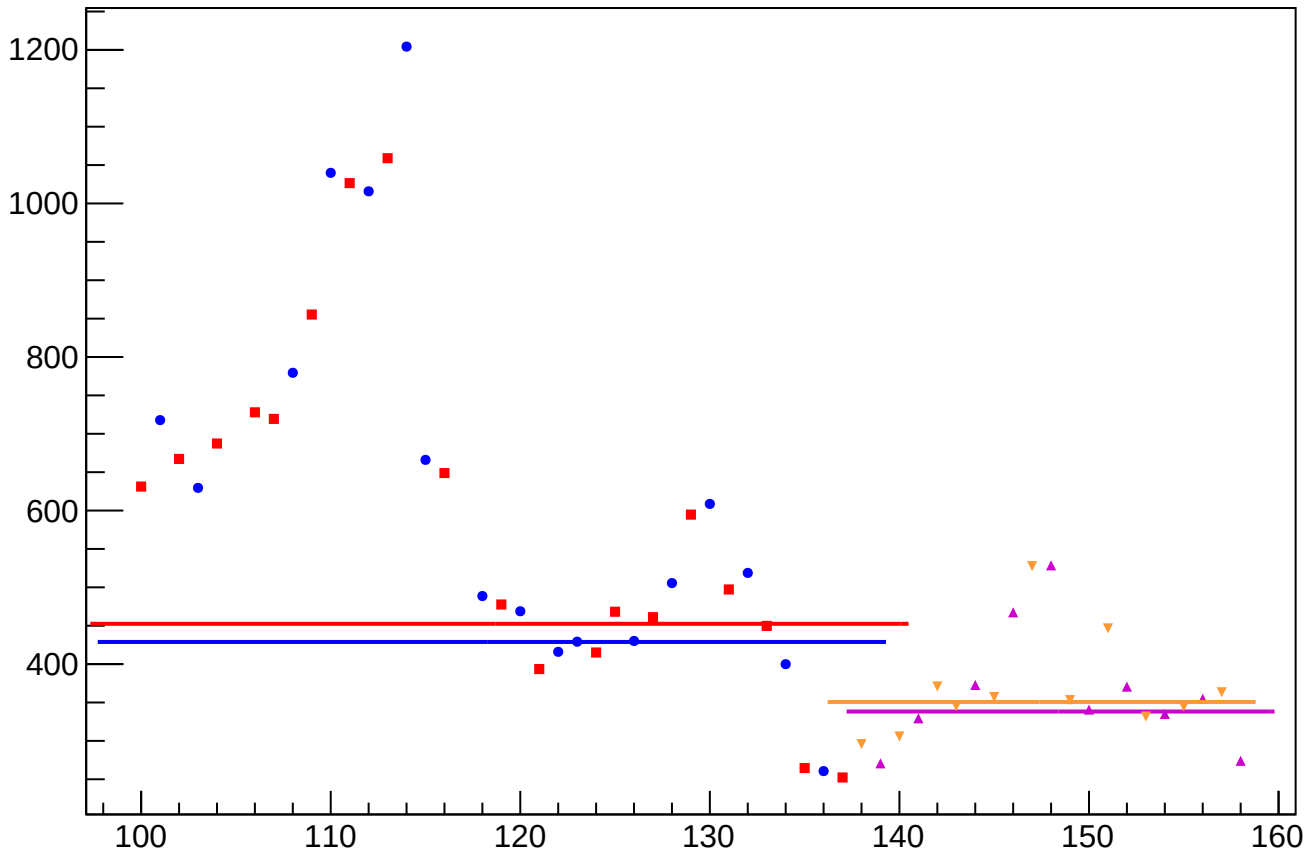
Left In: 16.175 $\pm$ 120.150 χ^2 /NDF:20.0/9

+ sign -59.402 $\pm$ 102.331 χ^2 /NDF: 25.8/27

All: -59.582 $\pm$ 71.739 χ^2 /NDF: 68.8/56

- sign -59.755 $\pm$ 100.601 χ^2 /NDF: 43.0/28

asym_sam1_rms vs Slug



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

Left Out: 350.684+/-0.088 χ^2/NDF :338968.6/10

+ sign 376.165+/-0.072 χ^2/NDF : 2607724.2/27

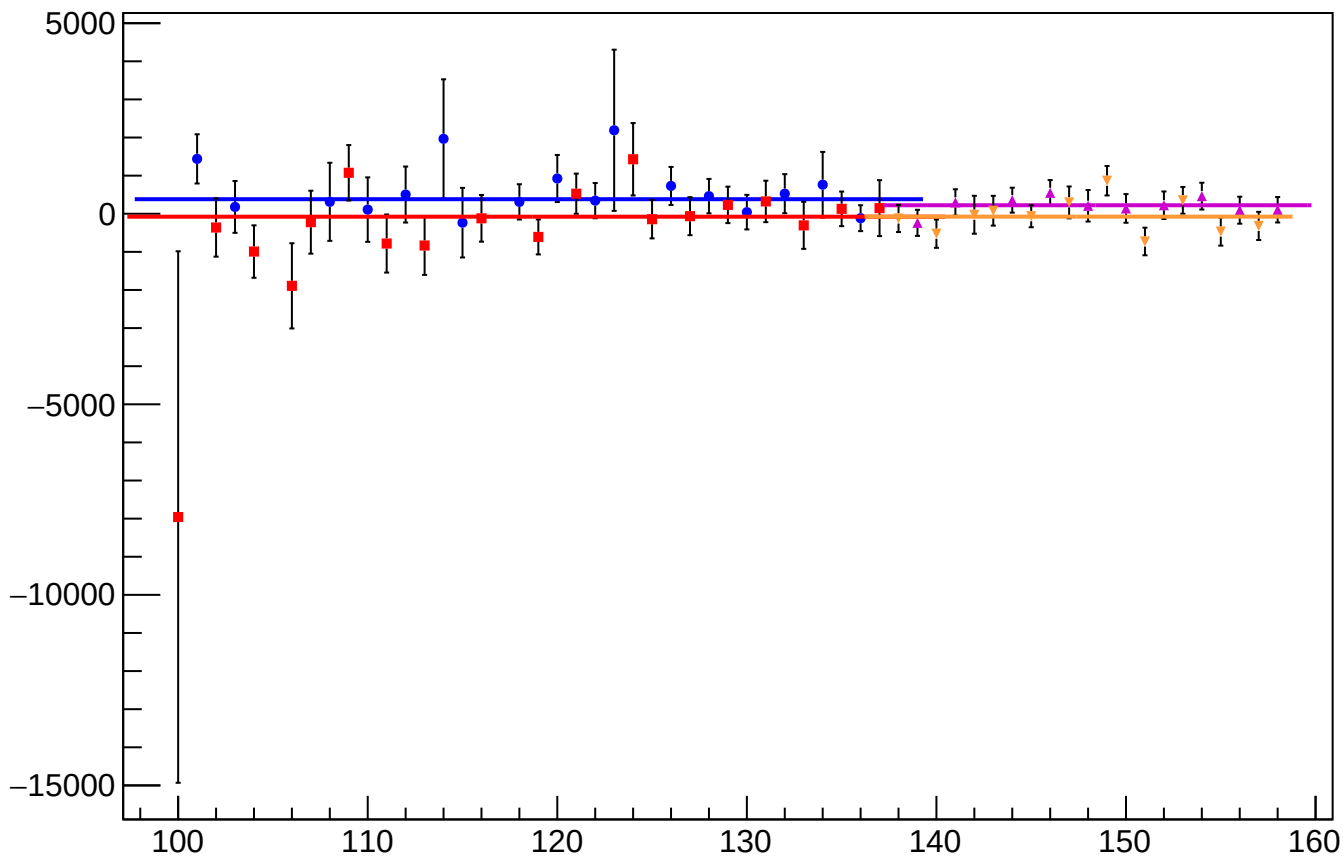
Right Out: 452.517+/-0.130 χ^2/NDF : 2039238.5/18

All: 374.252+/-0.051 χ^2/NDF : 5734205.3/56

- sign 372.404+/-0.071 χ^2/NDF : 3125107.8/28

Left In: 338.243+/-0.085 χ^2/NDF :545028.6/9

dit_asym_sam2_mean vs Slug



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

Left Out: -75.622 $\pm$ 111.520 χ^2 /NDF:14.6/10

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

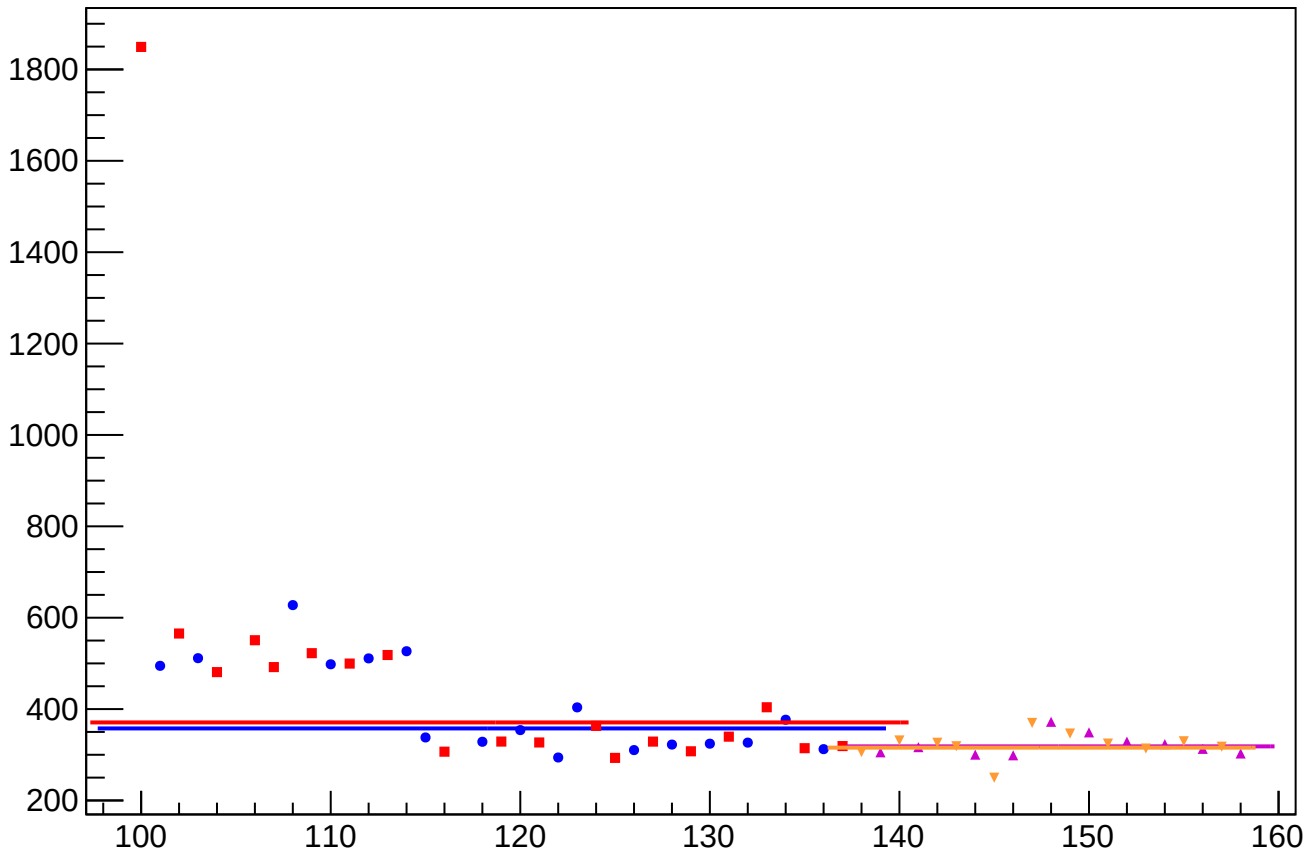
Left In: 222.988 $\pm$ 111.209 χ^2 /NDF:3.8/9

+ sign 100.147 $\pm$ 87.514 χ^2 /NDF: 30.5/27

All: 105.156 $\pm$ 62.016 χ^2 /NDF: 53.8/56

- sign 110.209 $\pm$ 87.895 χ^2 /NDF: 23.3/28

dit_asym_sam2_rms vs Slug



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

Left Out: 315.631 $\pm$ 0.079 χ^2 /NDF: 159869.1/10

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

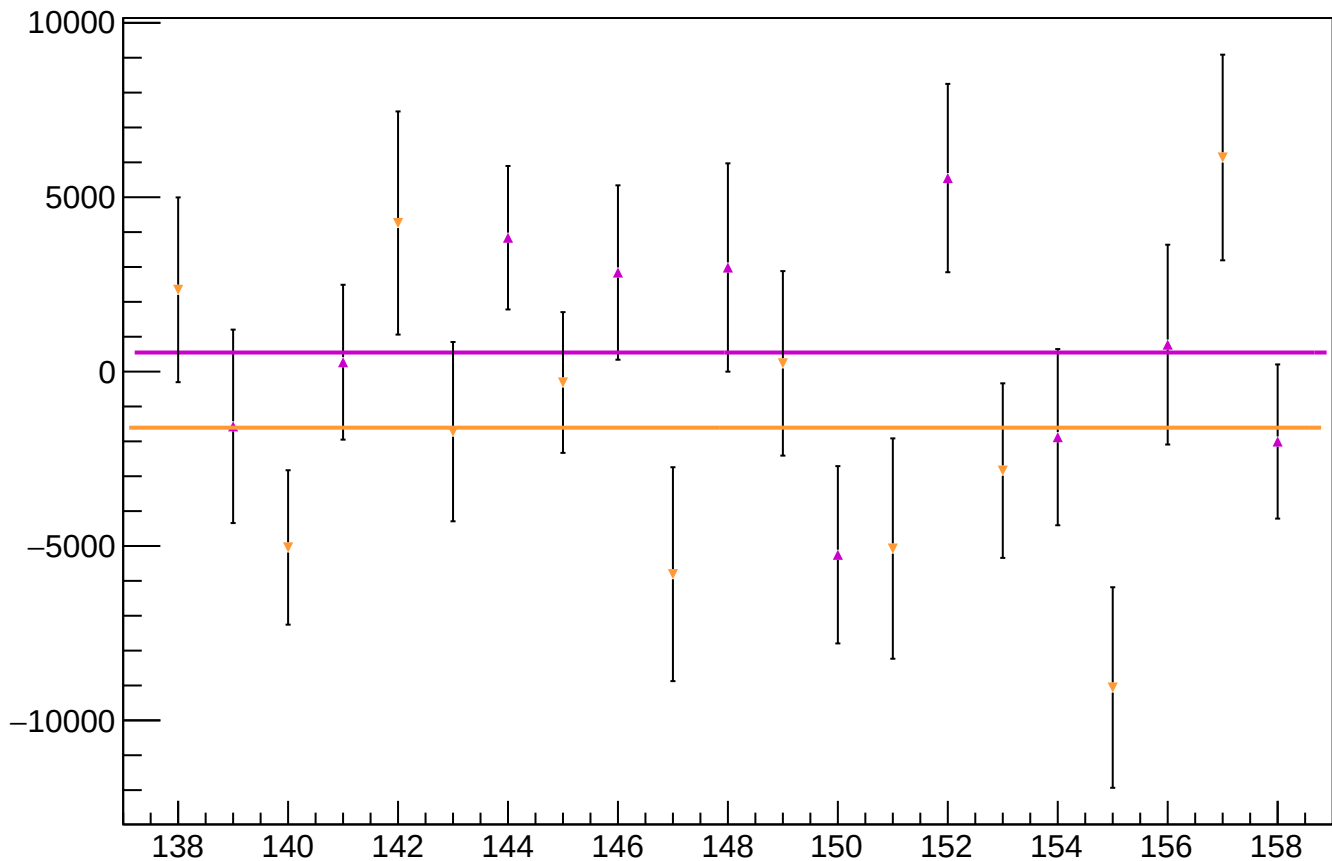
Left In: 318.394 $\pm$ 0.079 χ^2 /NDF: 69856.0/9

+ sign 331.780 $\pm$ 0.062 χ^2 /NDF: 898695.2/27

All: 334.907 $\pm$ 0.044 χ^2 /NDF: 1925124.7/56

- sign 338.061 $\pm$ 0.062 χ^2 /NDF: 1021299.4/28

asym_sam2_correction_mean vs Slug



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

Left Out: -1607.591 $\pm$ 794.000 χ^2 /NDF:25.8/10

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

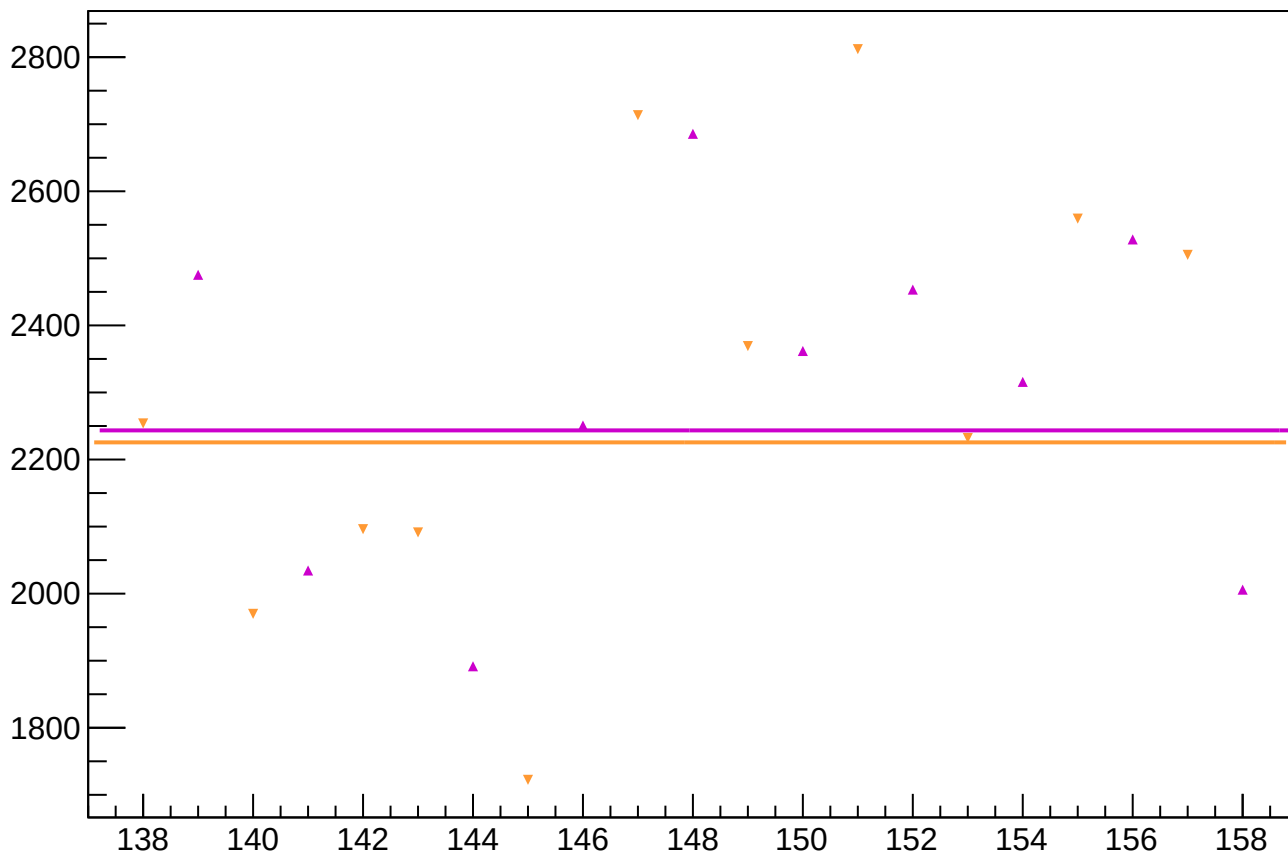
Left In: 547.248 $\pm$ 786.519 χ^2 /NDF:15.6/9

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

All: -519.971 $\pm$ 558.779 χ^2 /NDF: 45.1/20

- sign 0.000 $\pm$ 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: 2225.576+/-0.561 χ^2/NDF : 330359.7/10

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

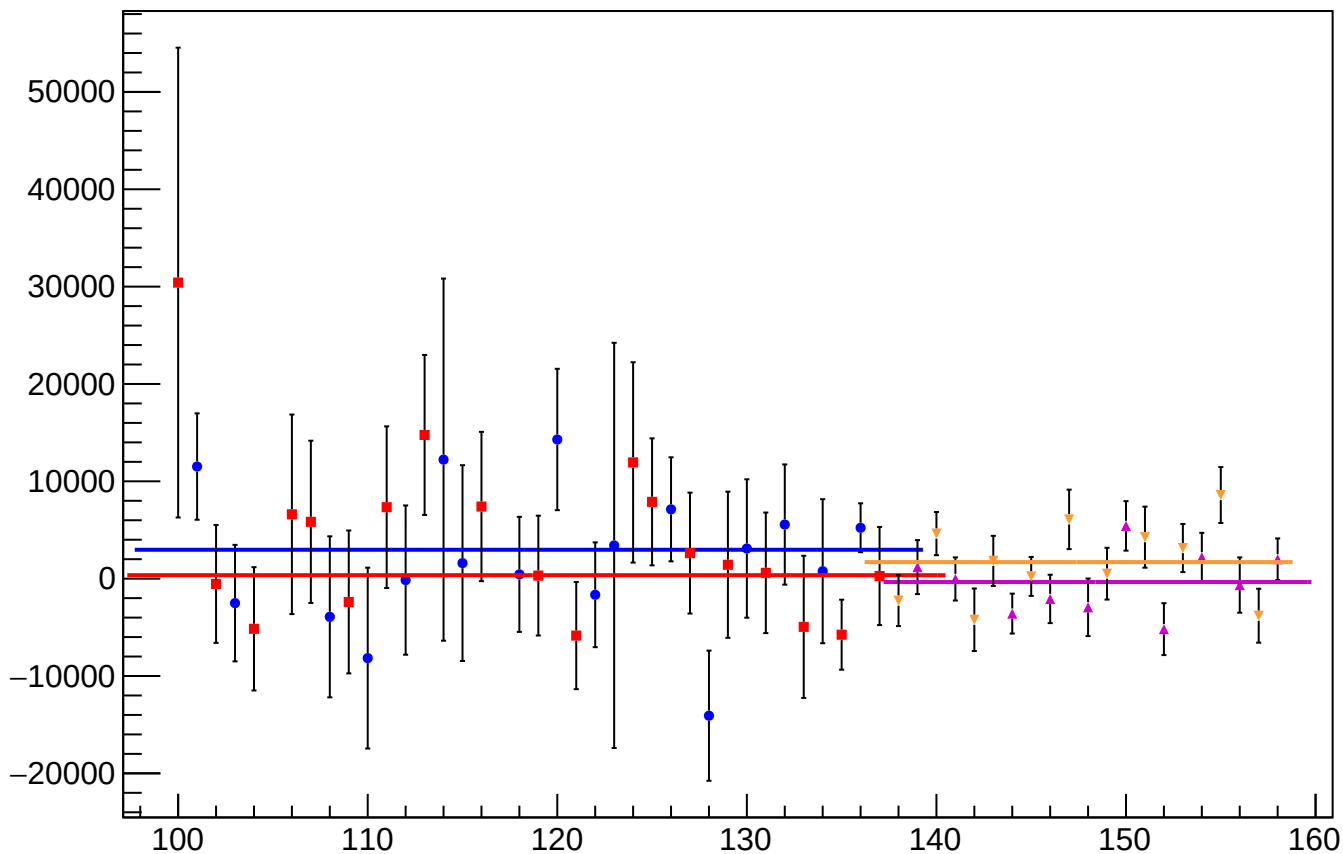
Left In: 2243.456+/-0.556 χ^2/NDF : 194991.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2234.600+/-0.395 χ^2/NDF : 525862.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 1705.837 ± 787.376 χ^2/NDF : 21.0/10

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

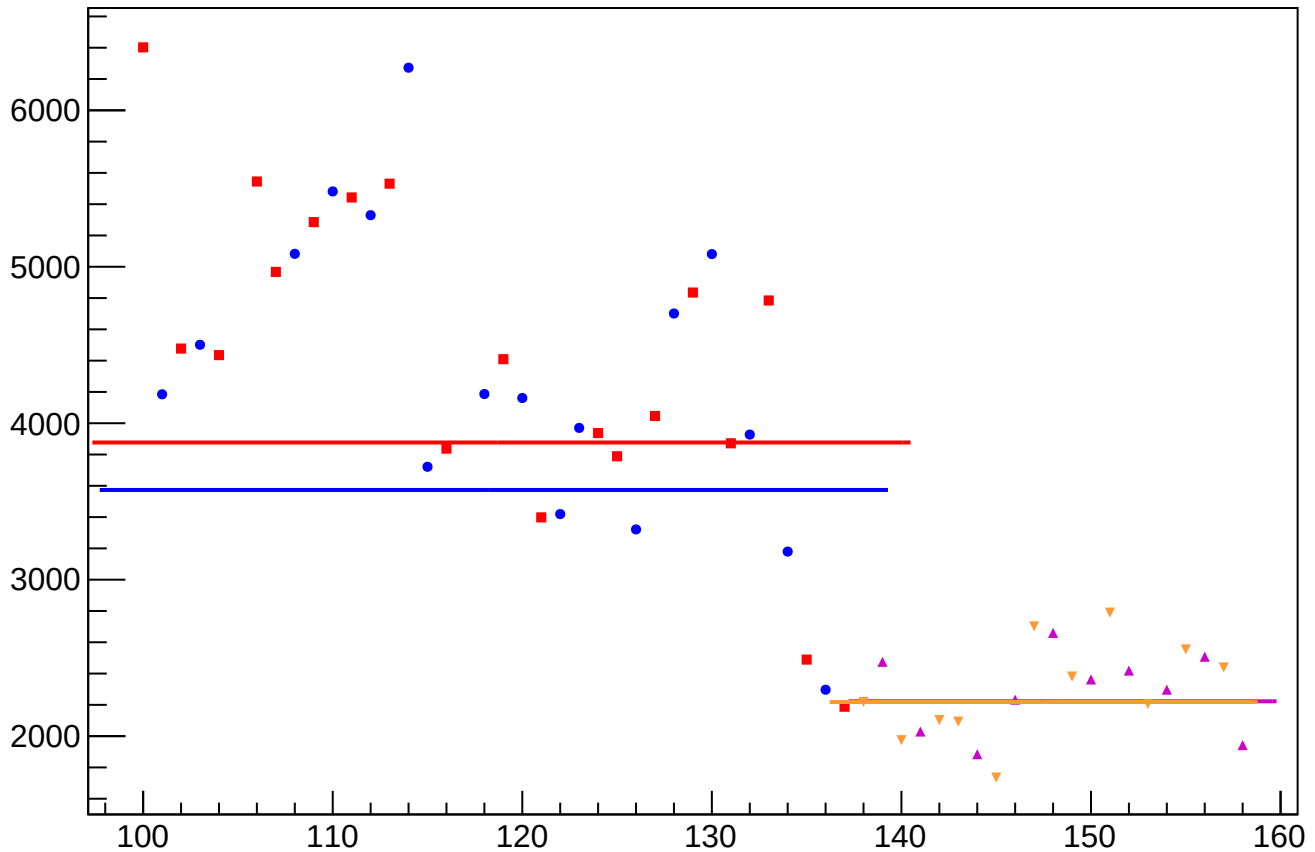
Left In: -345.191 ± 779.866 χ^2/NDF : 14.8/9

+ sign 1996.448 ± 690.900 χ^2/NDF : 38.9/27

All: 902.699 ± 489.149 χ^2/NDF : 74.2/56

- sign -196.519 ± 692.625 χ^2/NDF : 30.3/28

asym_sam2_rms vs Slug



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

Left Out: 2218.163 ± 0.557 $\chi^2/\text{NDF}: 312514.9/10$

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

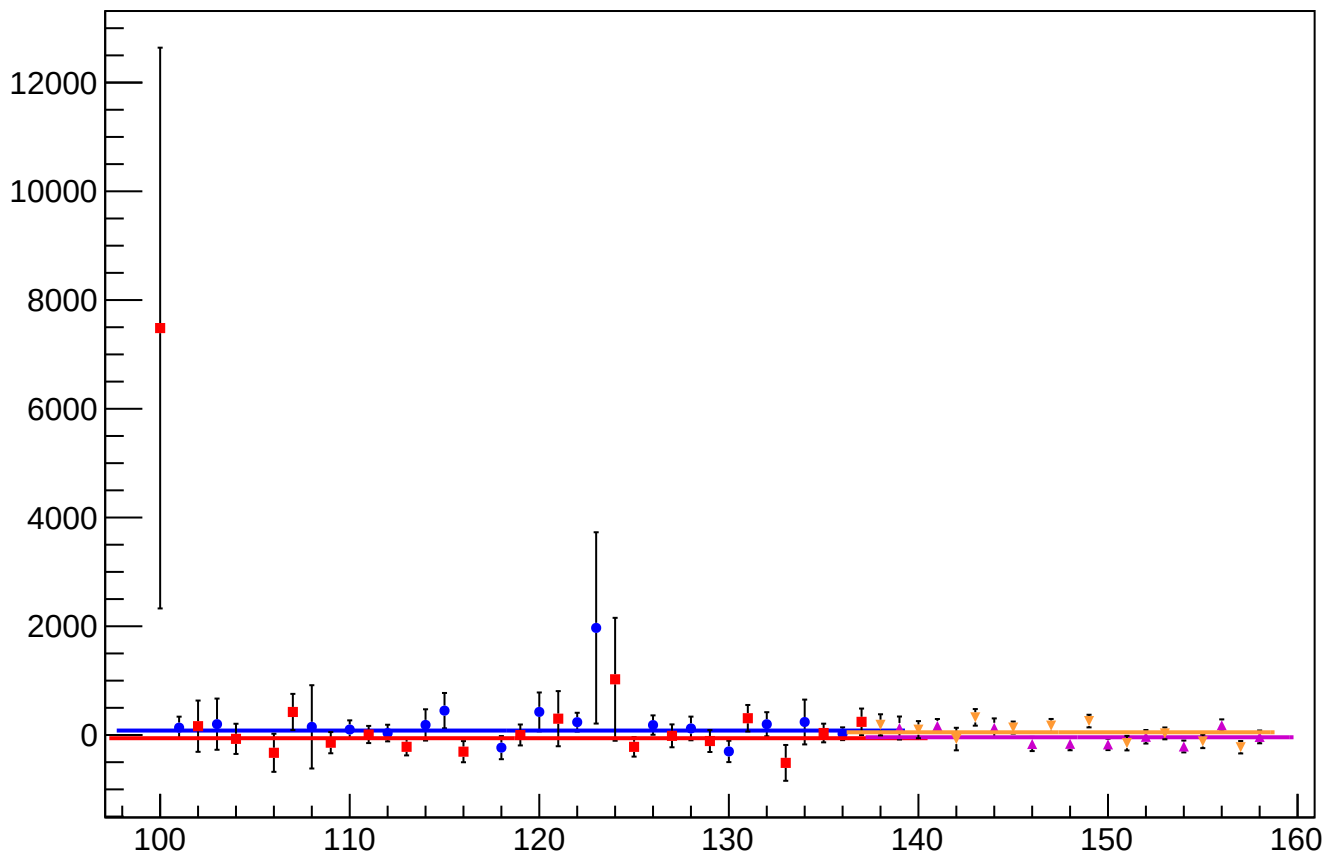
Left In: 2222.804 ± 0.551 $\chi^2/\text{NDF}: 202803.7/9$

+ sign 2529.943 ± 0.489 $\chi^2/\text{NDF}: 2764420.6/27$

All: 2551.010 ± 0.346 $\chi^2/\text{NDF}: 5859791.7/56$

- sign 2572.183 ± 0.490 $\chi^2/\text{NDF}: 3091642.6/28$

dit_asym_sam3_mean vs Slug



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

Left Out: 50.191 ± 39.604 χ^2/NDF : 18.8/10

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

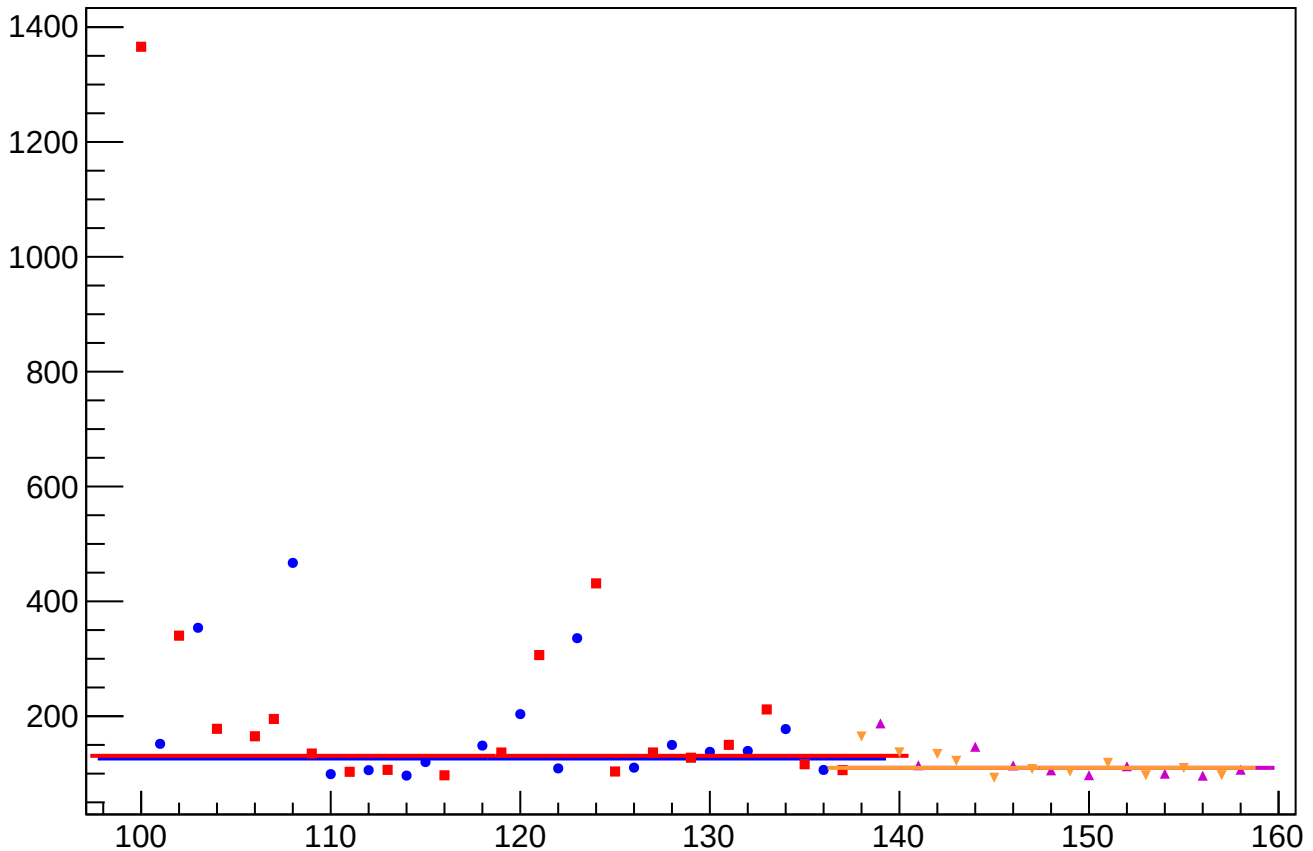
Left In: -41.663 ± 39.505 χ^2/NDF : 14.2/9

+ sign 61.840 ± 31.486 χ^2/NDF : 30.6/27

All: 7.391 ± 22.343 χ^2/NDF : 67.3/56

- sign -47.833 ± 31.710 χ^2/NDF : 30.7/28

dit_asym_sam3_rms vs Slug



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

Left Out: 110.017 $\pm$ 0.028 χ^2 /NDF: 373337.4/10

+ sign 116.023 $\pm$ 0.022 χ^2 /NDF: 1808910.6/27

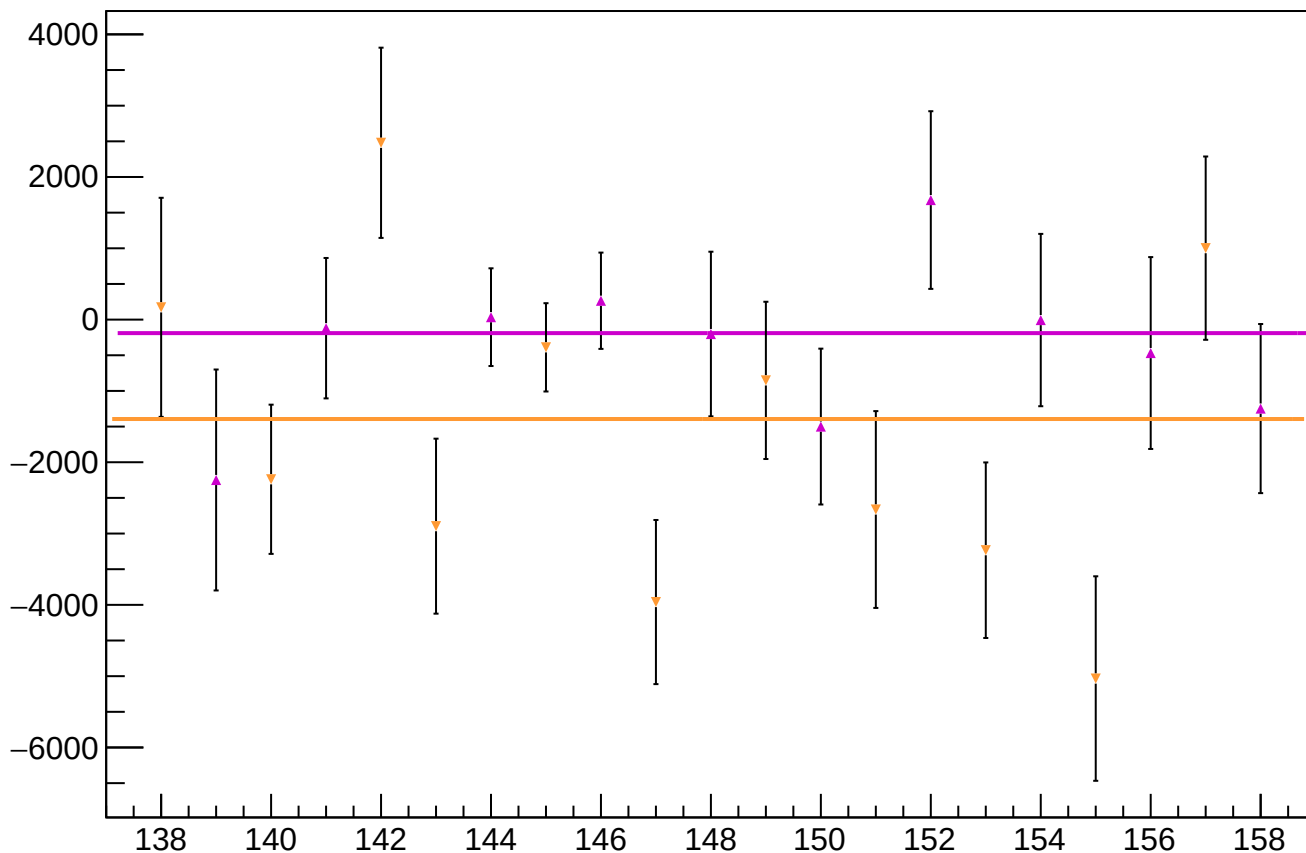
Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

All: 116.765 $\pm$ 0.016 χ^2 /NDF: 3885333.0/56

Left In: 110.069 $\pm$ 0.028 χ^2 /NDF: 445071.2/9

- sign 117.517 $\pm$ 0.022 χ^2 /NDF: 2074185.4/28

asym_sam3_correction_mean vs Slug



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

Left Out: -1393.888+/-332.826 χ^2/NDF : 32.5/10

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

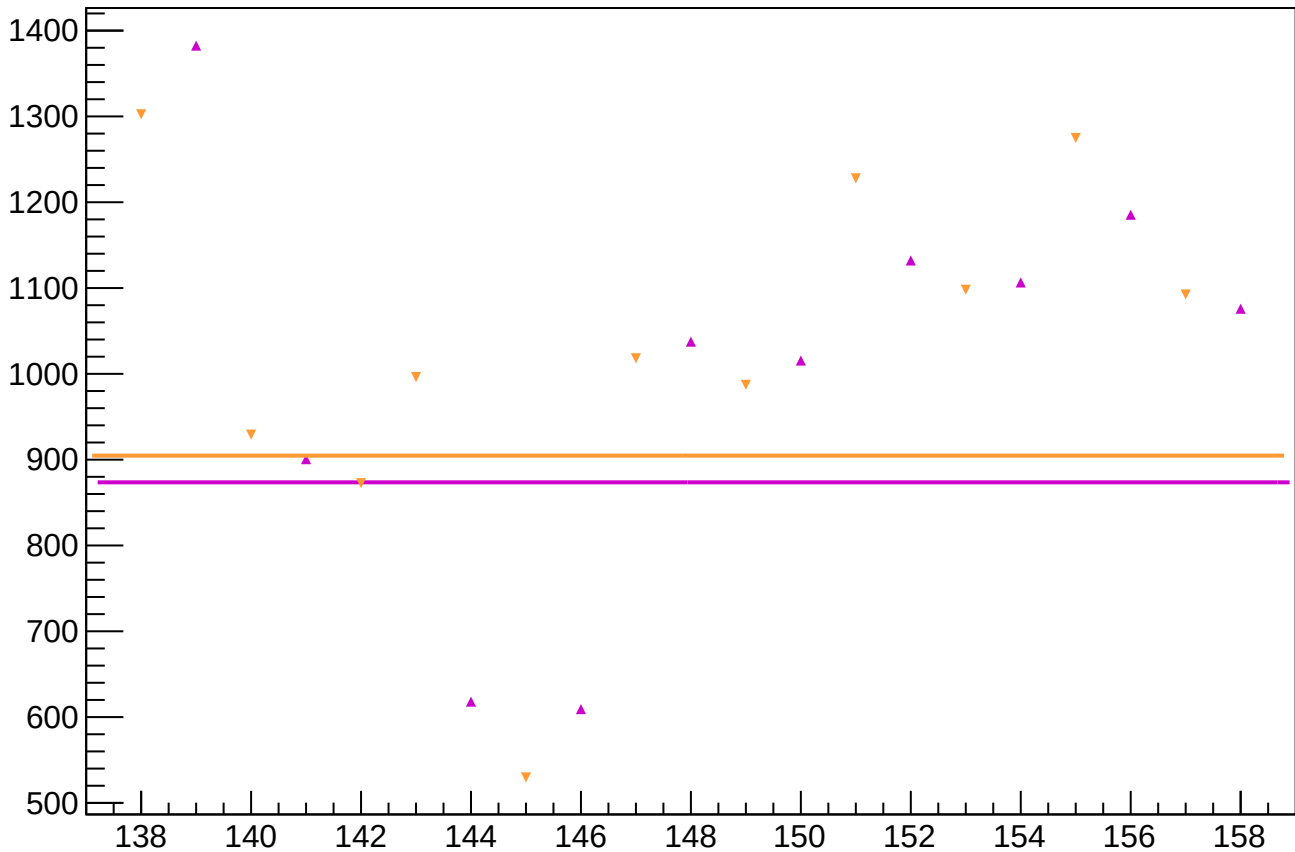
Left In: -189.427+/-316.961 χ^2/NDF : 6.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -762.267+/-229.529 χ^2/NDF : 46.2/20

- 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: 904.698+/-0.235 χ^2/NDF :1246950.2/10

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

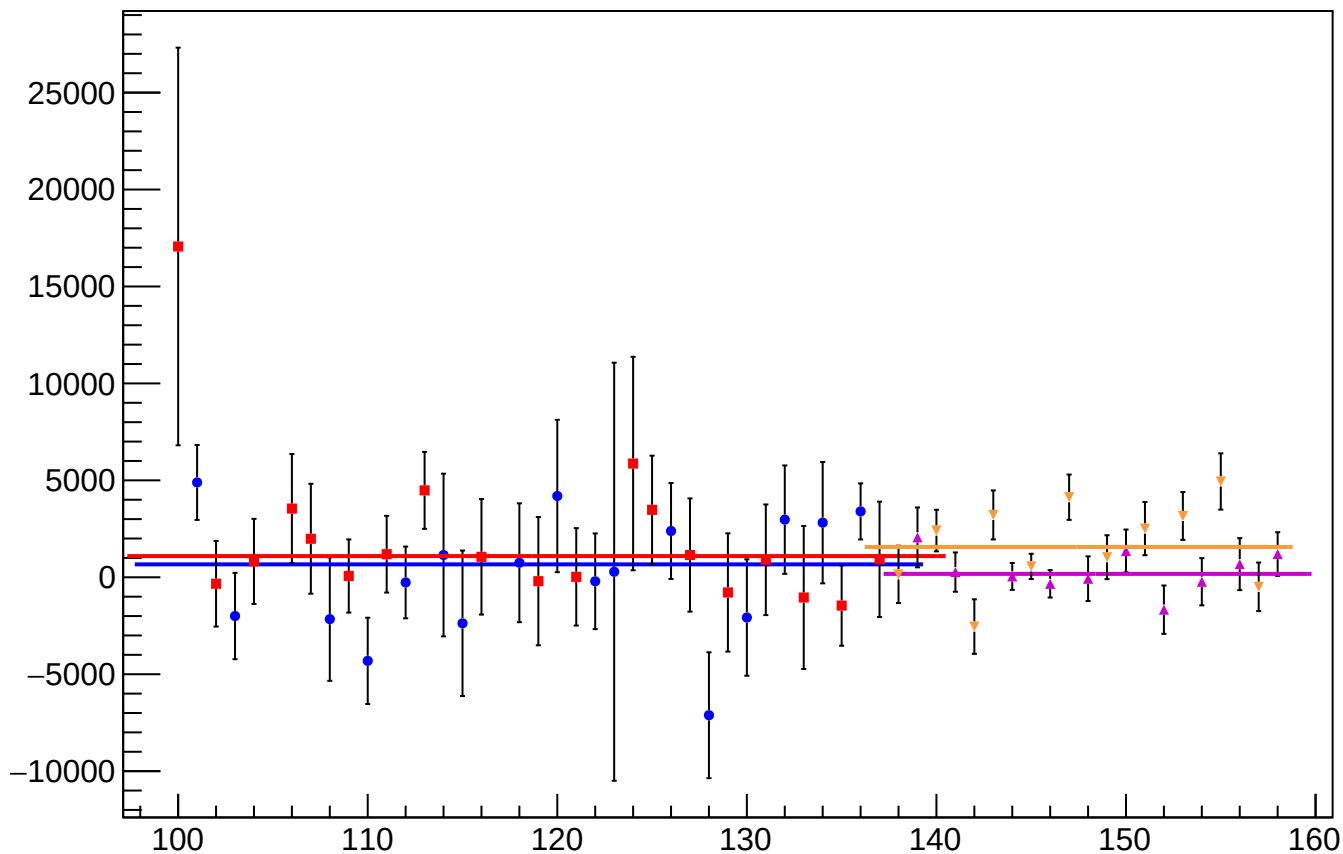
Left In: 873.583+/-0.224 χ^2/NDF :1202373.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.381+/-0.162 χ^2/NDF : 2458489.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



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

Left Out: 1563.082+/-340.306 χ^2/NDF : 29.5/10

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

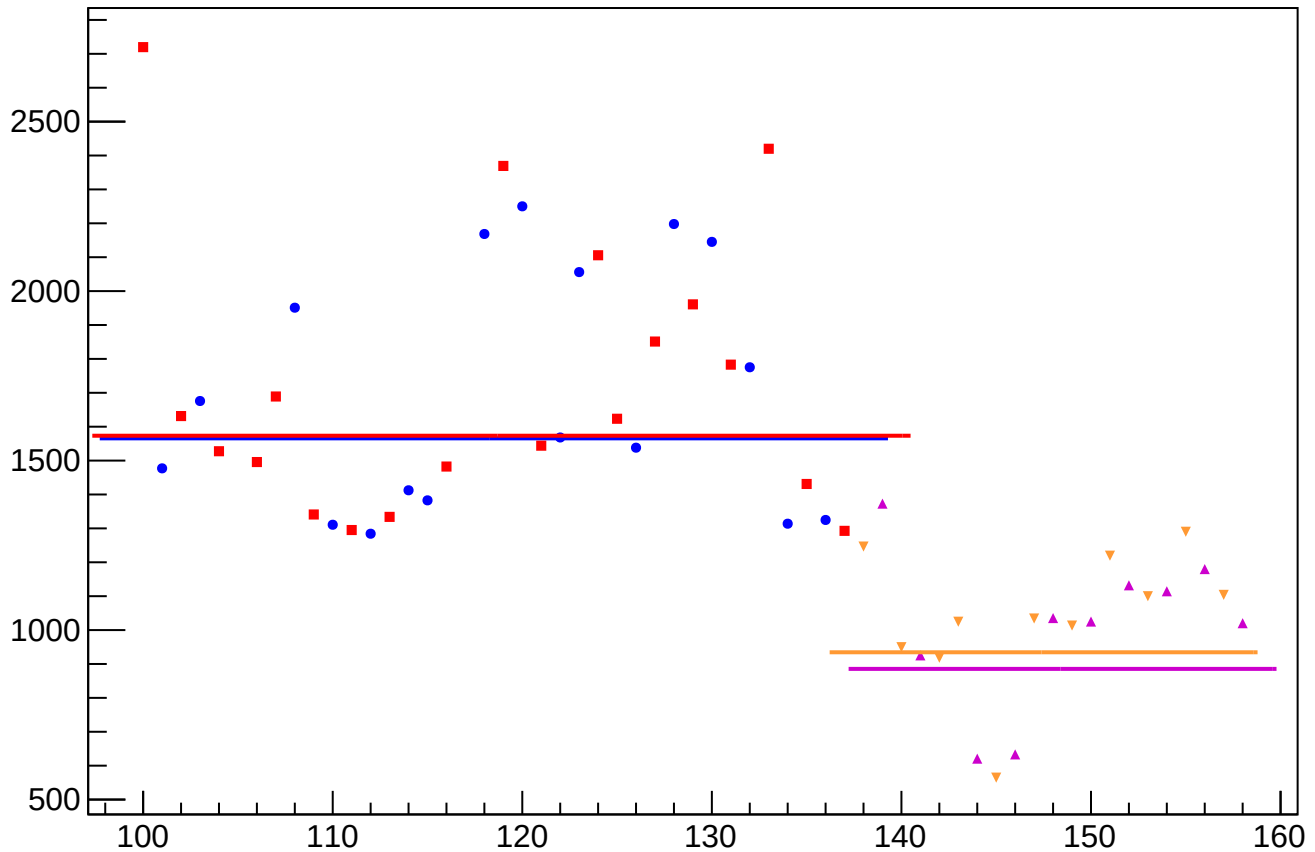
Left In: 175.058+/-320.998 χ^2/NDF : 6.5/9

+ sign 1354.896+/-298.193 χ^2/NDF : 56.7/27

All: 841.582+/-205.392 χ^2/NDF : 81.7/56

- sign 378.218+/-283.313 χ^2/NDF : 19.3/28

asym_sam3_rms vs Slug



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

Left Out: 934.493 $\pm$ 0.241 χ^2 /NDF:1049935.9/10

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

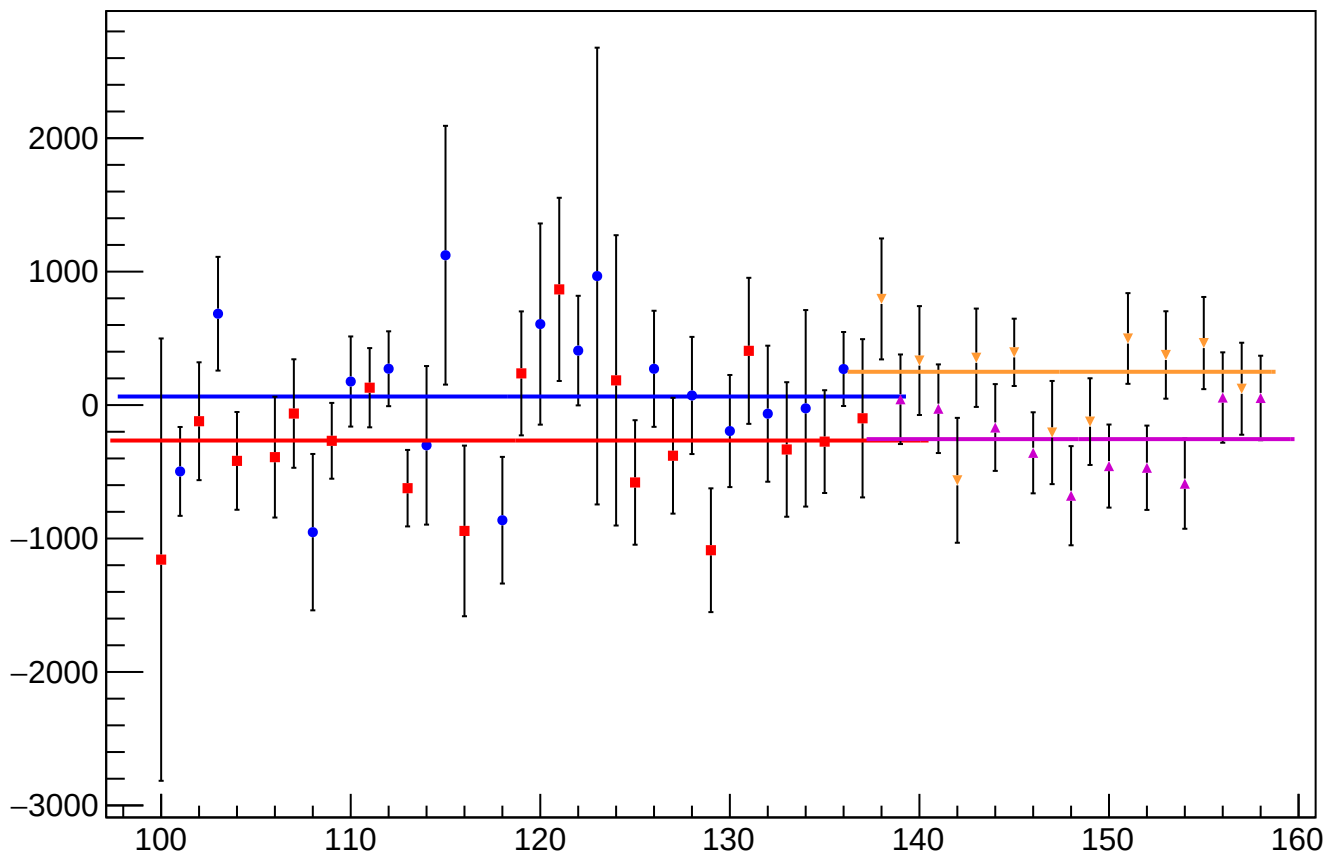
Left In: 885.510 $\pm$ 0.227 χ^2 /NDF:1088062.1/9

+ sign 1081.034 $\pm$ 0.211 χ^2 /NDF: 3137954.0/27

All: 1058.172 $\pm$ 0.145 χ^2 /NDF: 6740161.6/56

- sign 1037.535 $\pm$ 0.200 χ^2 /NDF: 3579840.3/28

dit_asym_sam4_mean vs Slug



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

Left Out: 249.450 ± 105.717 χ^2/NDF : 8.9/10

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

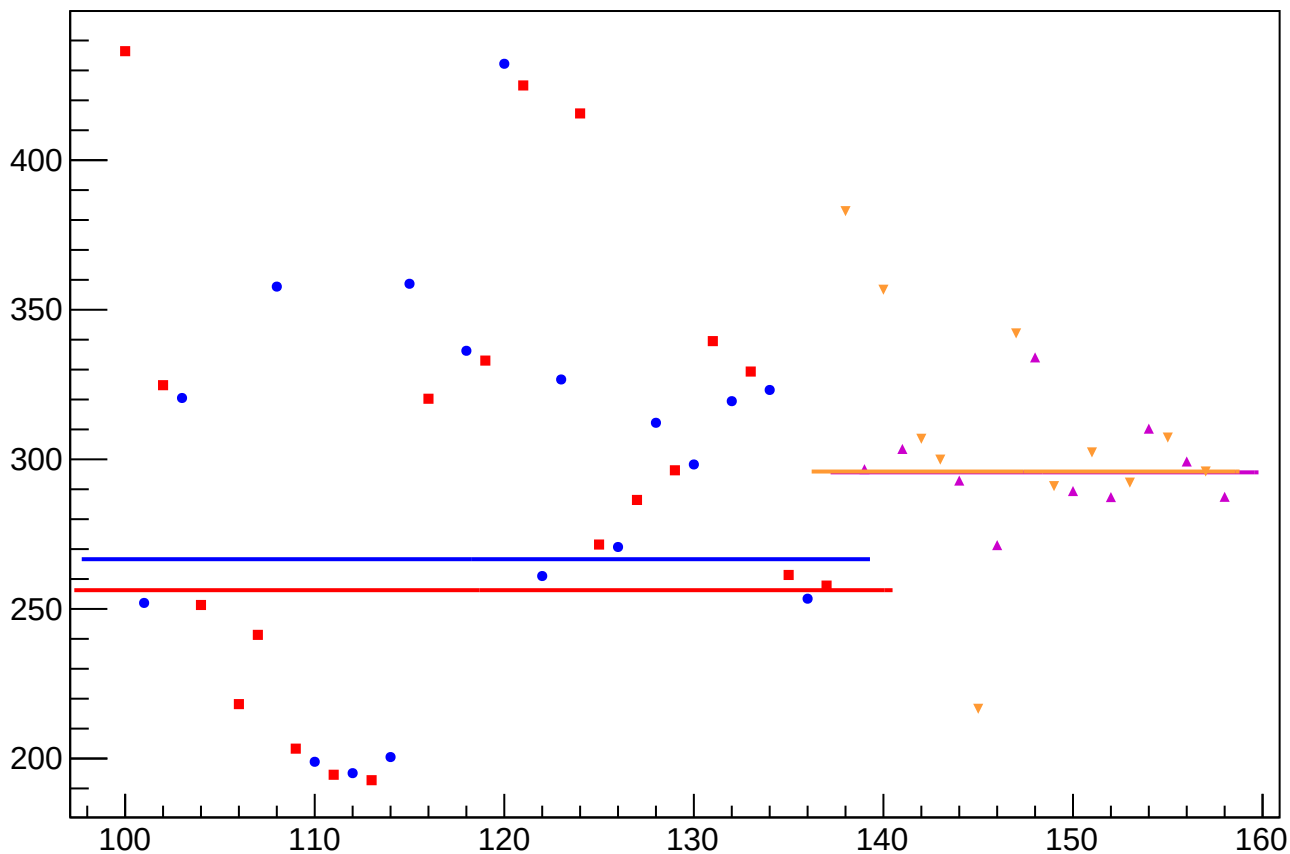
Left In: -255.167 ± 103.546 χ^2/NDF : 6.4/9

+ sign 156.434 ± 74.618 χ^2/NDF : 27.1/27

All: -60.414 ± 51.700 χ^2/NDF : 64.5/56

- sign -260.630 ± 71.700 χ^2/NDF : 21.1/28

dit_asym_sam4_rms vs Slug



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

Left Out: 295.927 $\pm$ 0.075 χ^2 /NDF: 349294.9/10

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

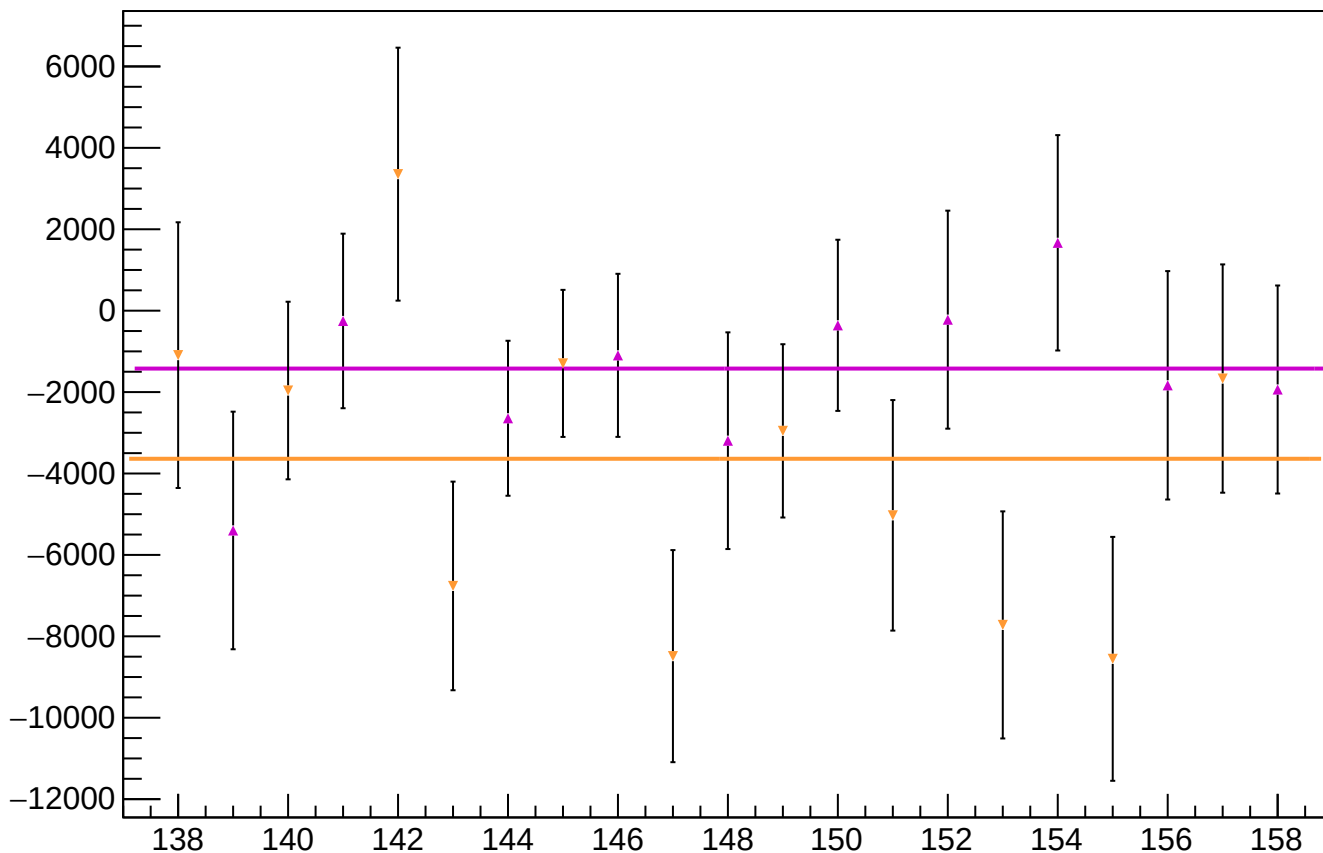
Left In: 295.653 $\pm$ 0.073 χ^2 /NDF: 42960.4/9

+ sign 281.223 $\pm$ 0.053 χ^2 /NDF: 977155.3/27

All: 278.067 $\pm$ 0.037 χ^2 /NDF: 1874506.1/56

- sign 275.152 $\pm$ 0.051 χ^2 /NDF: 890467.8/28

asym_sam4_correction_mean vs Slug



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

Left Out: -3638.157+/-761.125 χ^2/NDF :18.6/10

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

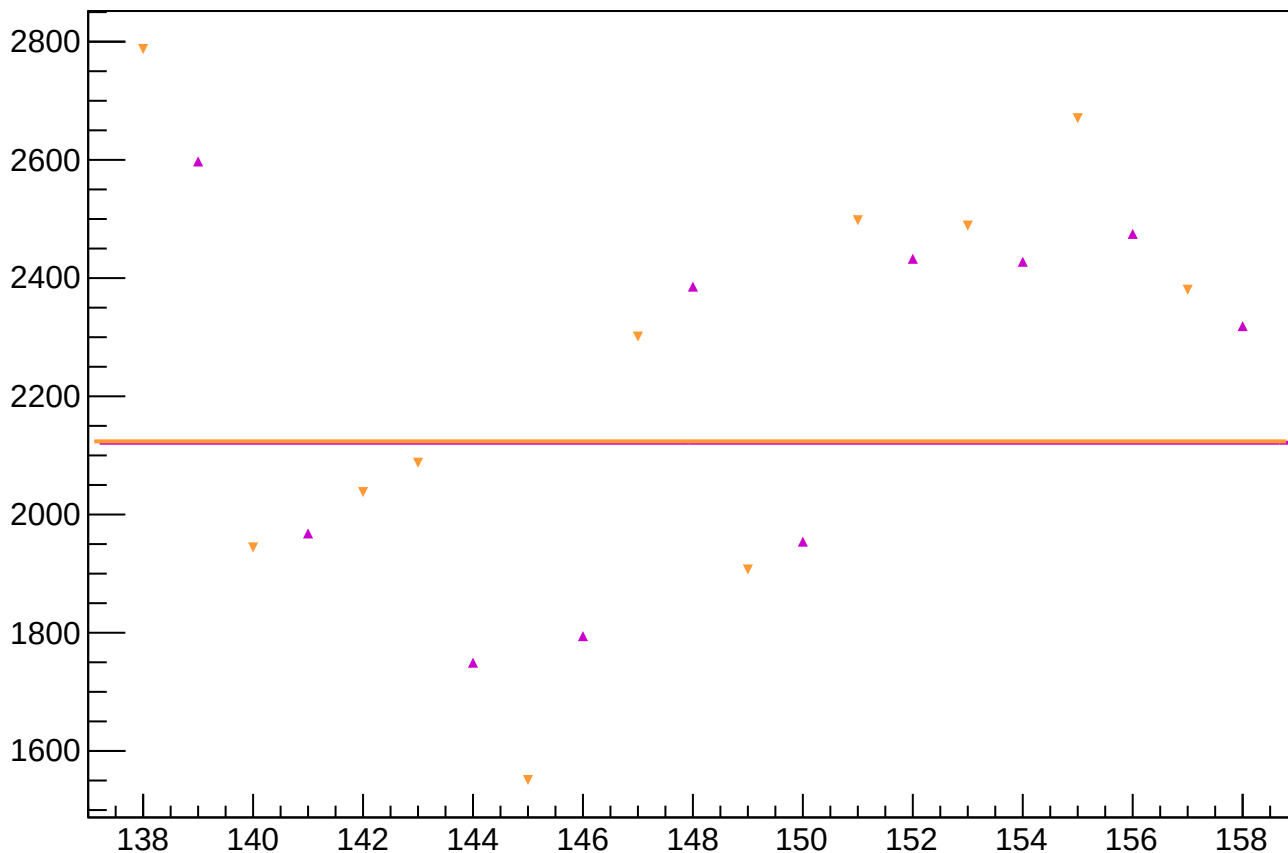
Left In: -1422.315+/-747.431 χ^2/NDF :4.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2510.123+/-533.289 χ^2/NDF : 27.8/20

- 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: 2123.753+/-0.538 χ^2/NDF : 481939.4/10

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

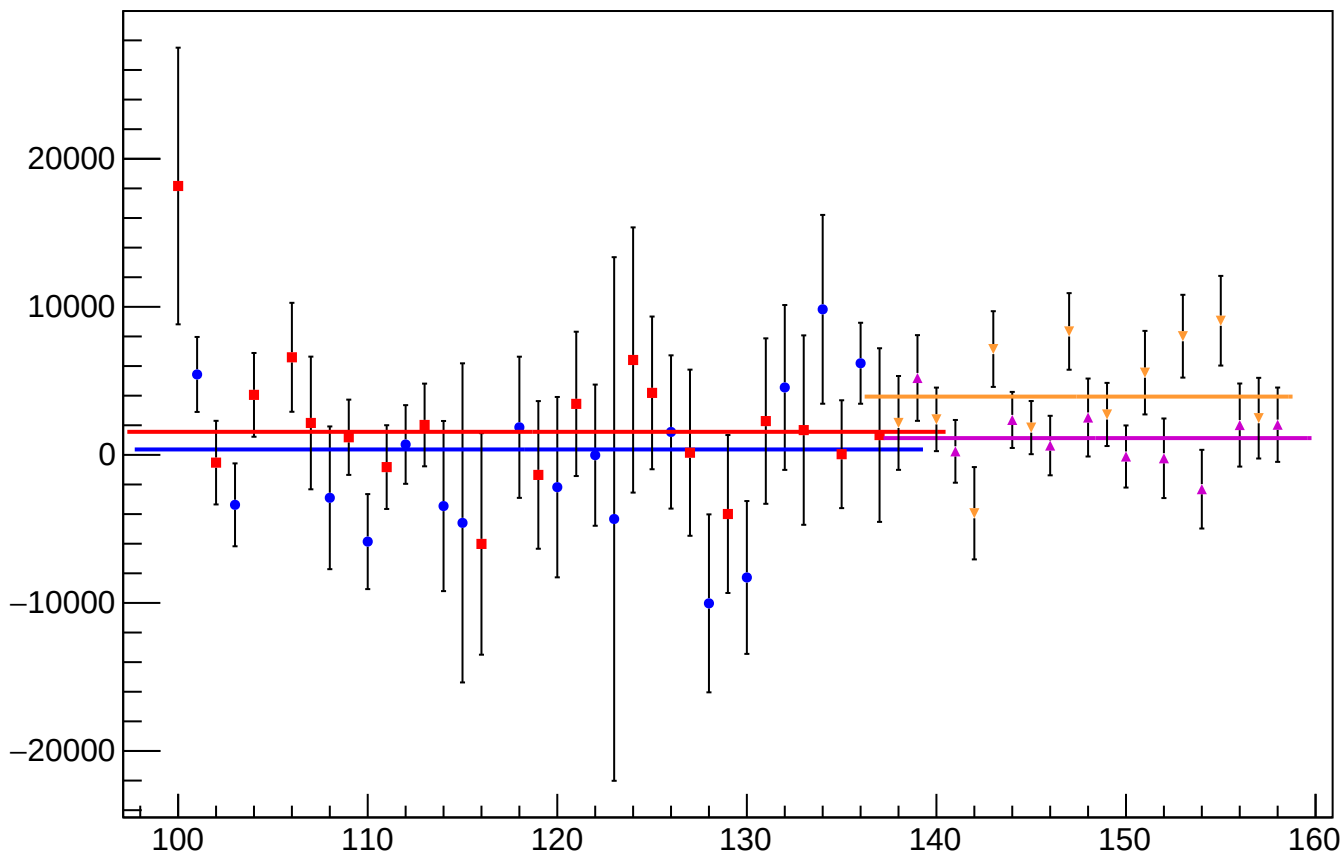
Left In: 2121.470+/-0.529 χ^2/NDF : 323024.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2122.591+/-0.377 χ^2/NDF : 804973.0/20

- 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: 3936.724+/-756.120 χ^2/NDF : 19.0/10

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

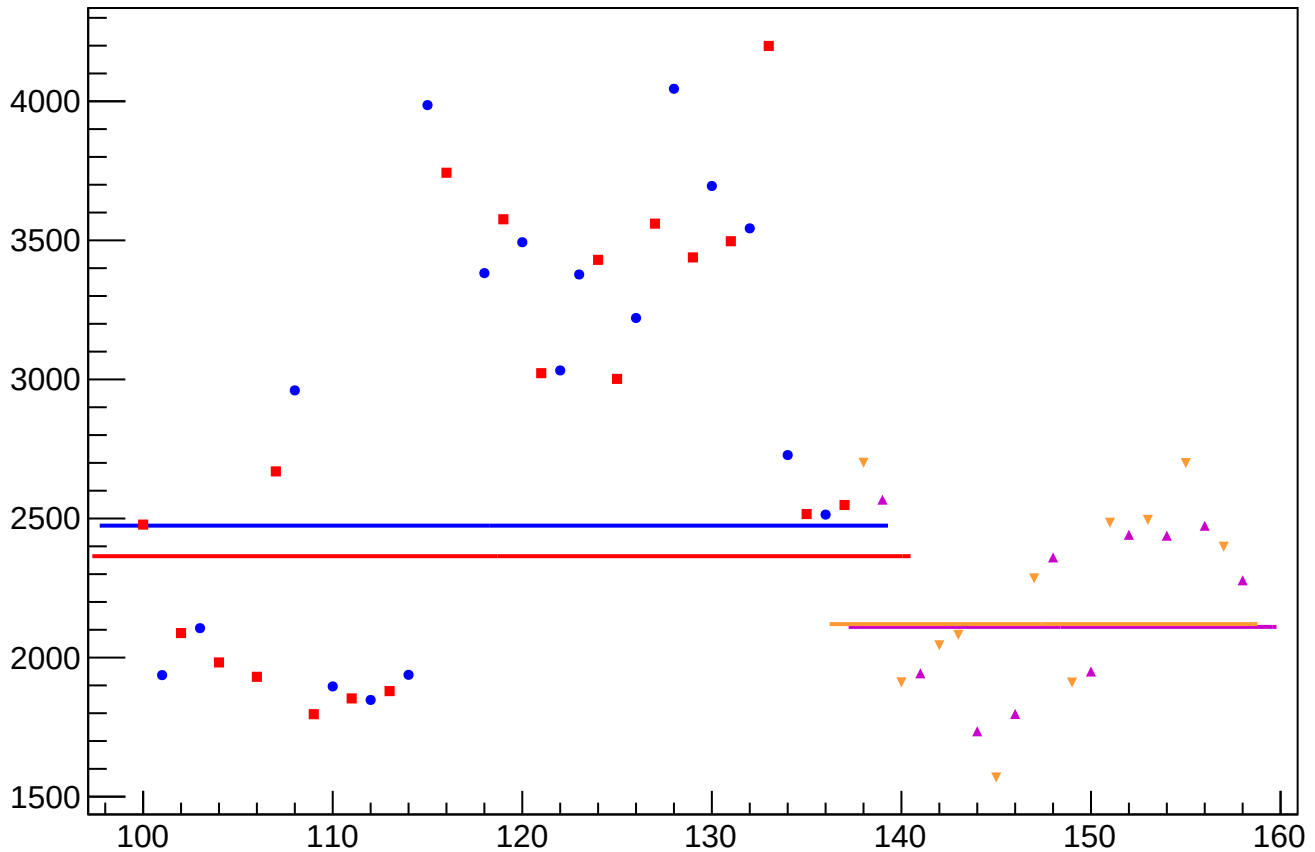
Left In: 1133.106+/-744.240 χ^2/NDF : 5.4/9

+ sign 2625.526+/-601.458 χ^2/NDF : 51.3/27

All: 1938.277+/-417.356 χ^2/NDF : 69.9/56

- sign 1300.053+/-579.609 χ^2/NDF : 16.1/28

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2120.393+/-0.535 χ^2/NDF : 466951.8/10

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

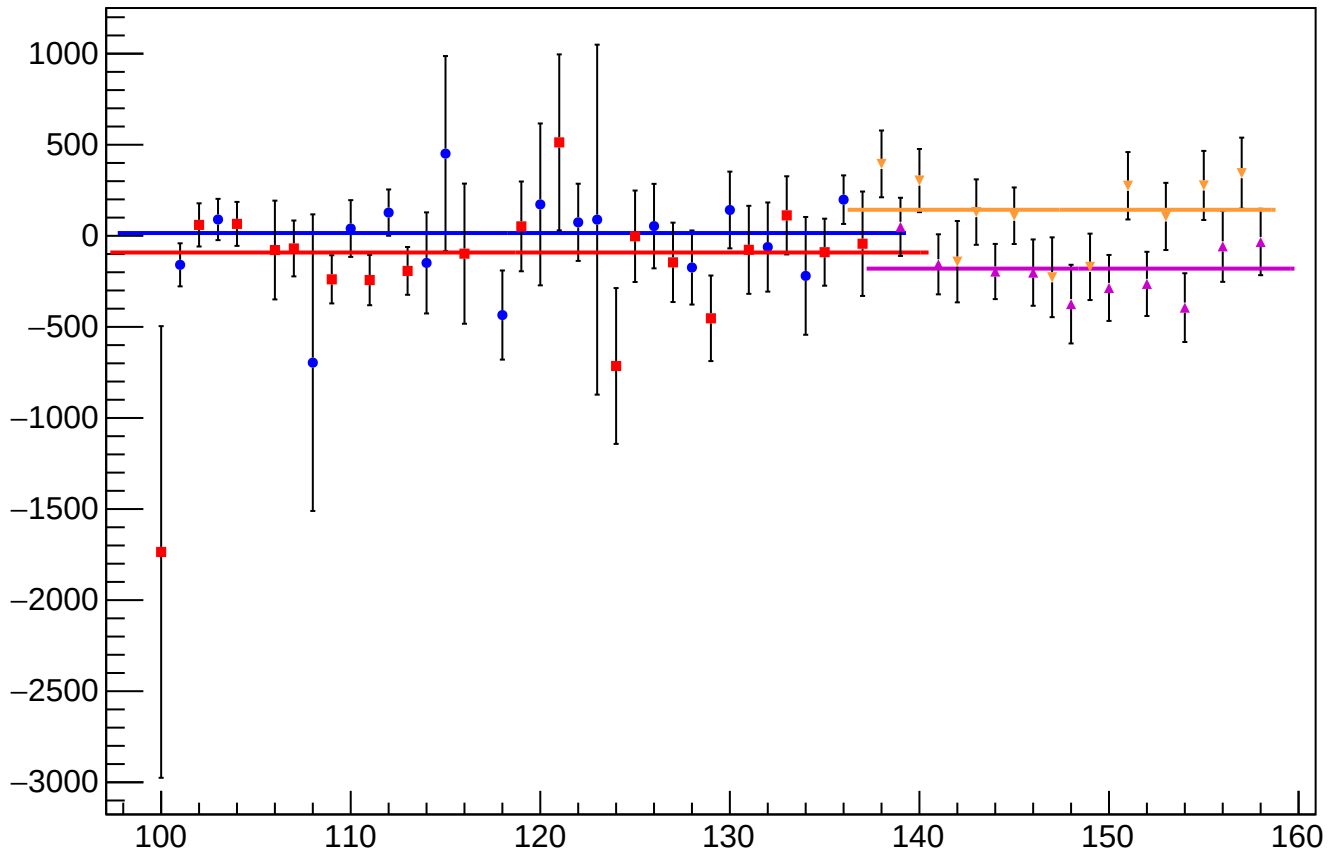
Left In: 2110.340+/-0.526 χ^2/NDF : 322350.7/9

+ sign 2250.399+/-0.425 χ^2/NDF : 1534208.8/27

All: 2229.634+/-0.295 χ^2/NDF : 2976344.4/56

- sign 2210.350+/-0.410 χ^2/NDF : 1437537.7/28

dit_asym_sam5_mean vs Slug



Right In: 15.303 ± 46.443 χ^2/NDF : 12.6/16

Left Out: 142.987 ± 55.962 χ^2/NDF : 12.3/10

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

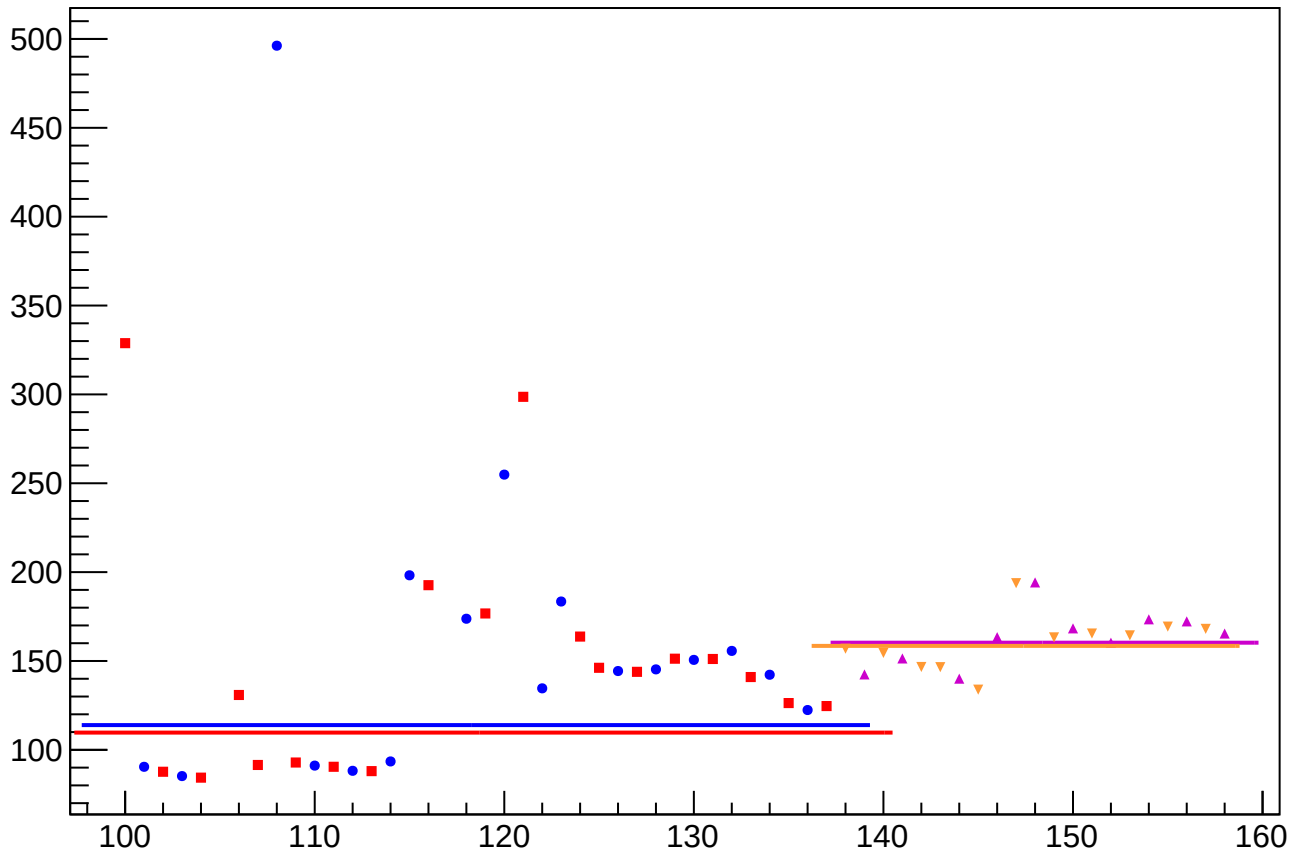
Left In: -180.054 ± 56.037 χ^2/NDF : 5.8/9

+ sign 67.378 ± 35.739 χ^2/NDF : 28.0/27

All: -32.688 ± 24.736 χ^2/NDF : 66.1/56

- sign -124.707 ± 34.272 χ^2/NDF : 23.0/28

dit_asym_sam5_rms vs Slug



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 158.498 $\pm$ 0.040 χ^2 /NDF:135642.3/10

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

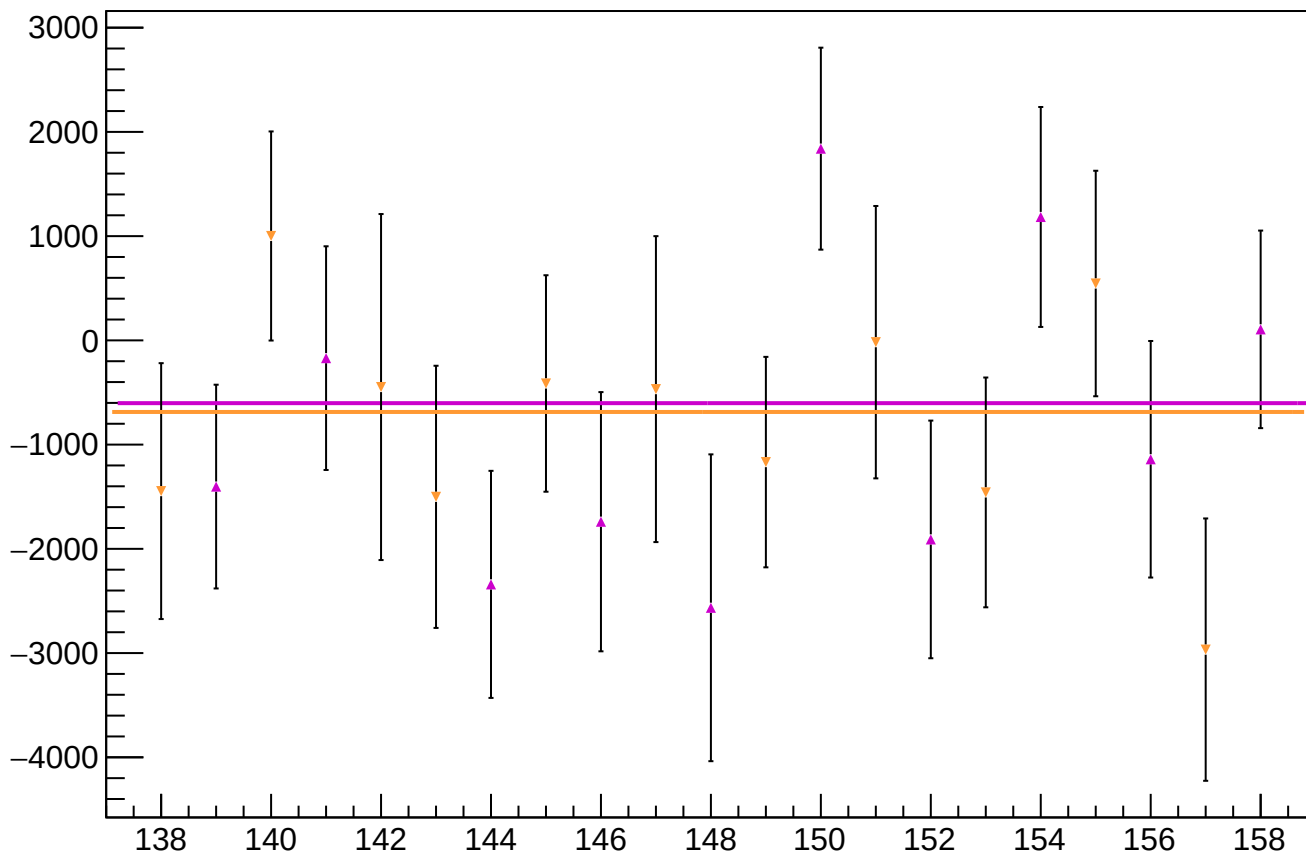
Left In: 160.295 $\pm$ 0.040 χ^2 /NDF:139256.2/9

+ sign 132.108 $\pm$ 0.025 χ^2 /NDF: 2294573.6/27

All: 130.297 $\pm$ 0.017 χ^2 /NDF: 4705871.6/56

- sign 128.631 $\pm$ 0.024 χ^2 /NDF: 2401437.3/28

asym_sam5_correction_mean vs Slug



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

Left Out: -686.840+/-355.321 χ^2/NDF : 9.3/10

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

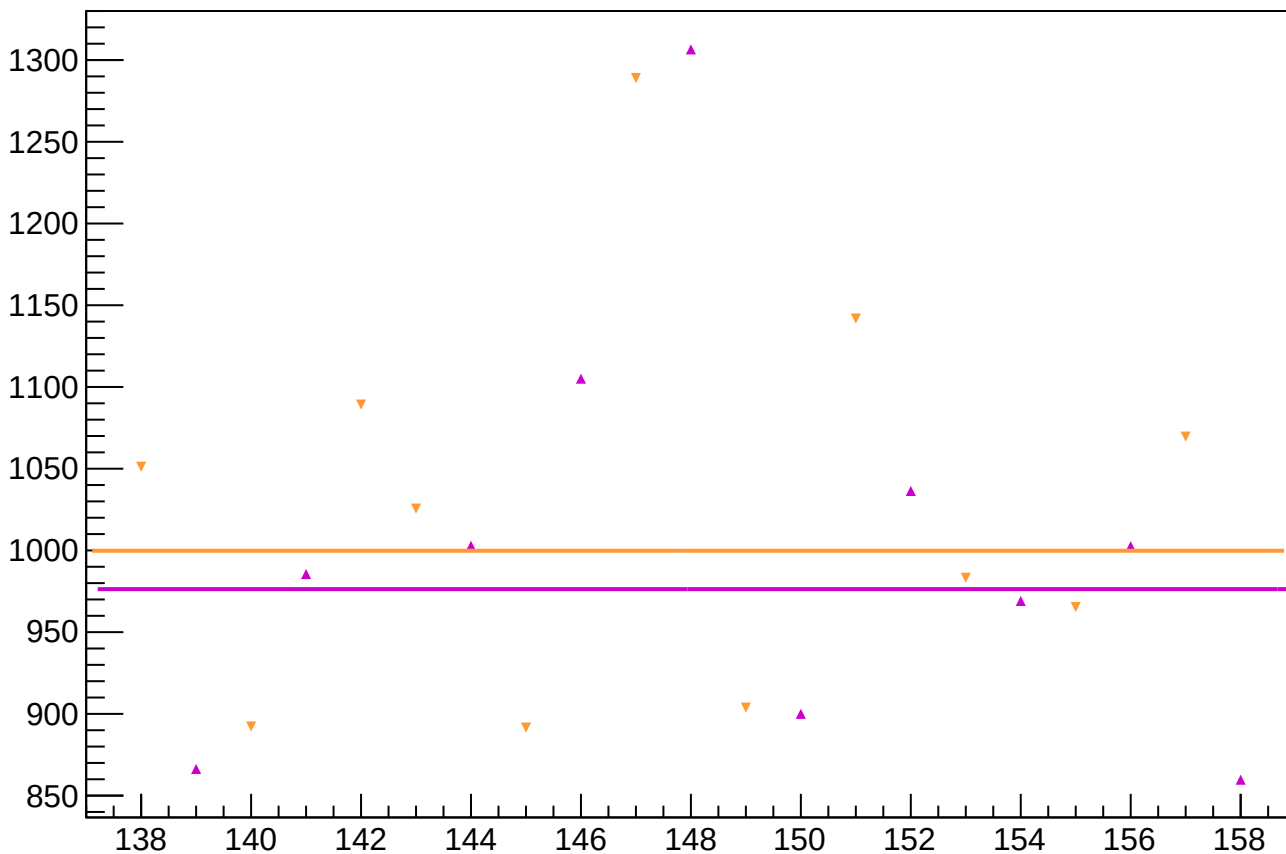
Left In: -602.346+/-343.199 χ^2/NDF : 17.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -643.127+/-246.853 χ^2/NDF : 26.6/20

- 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: 999.807+/-0.251 χ^2/NDF :182867.0/10

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

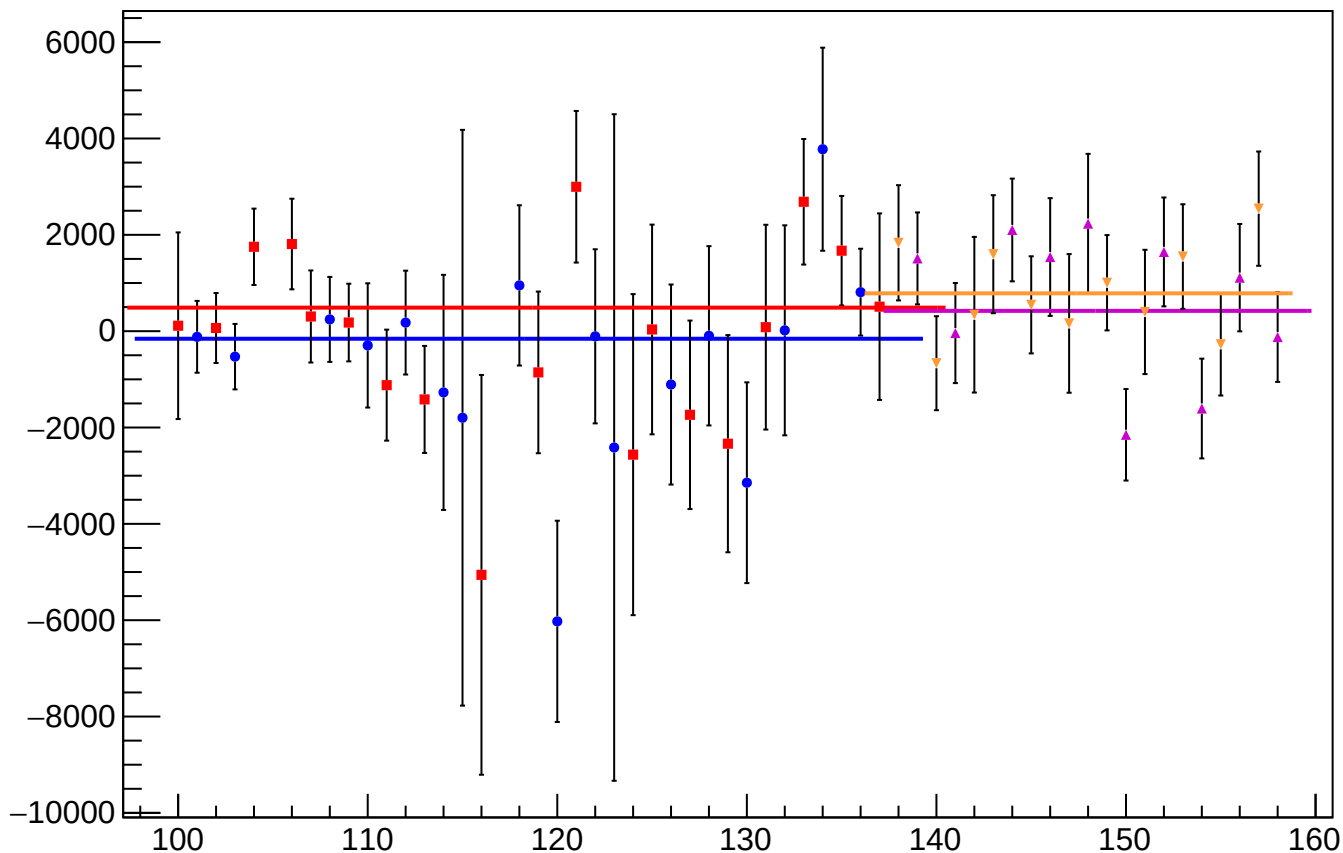
Left In: 976.320+/-0.243 χ^2/NDF :198188.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.656+/-0.175 χ^2/NDF : 385576.7/20

- 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: 785.561+/-346.466 χ^2/NDF : 7.6/10

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

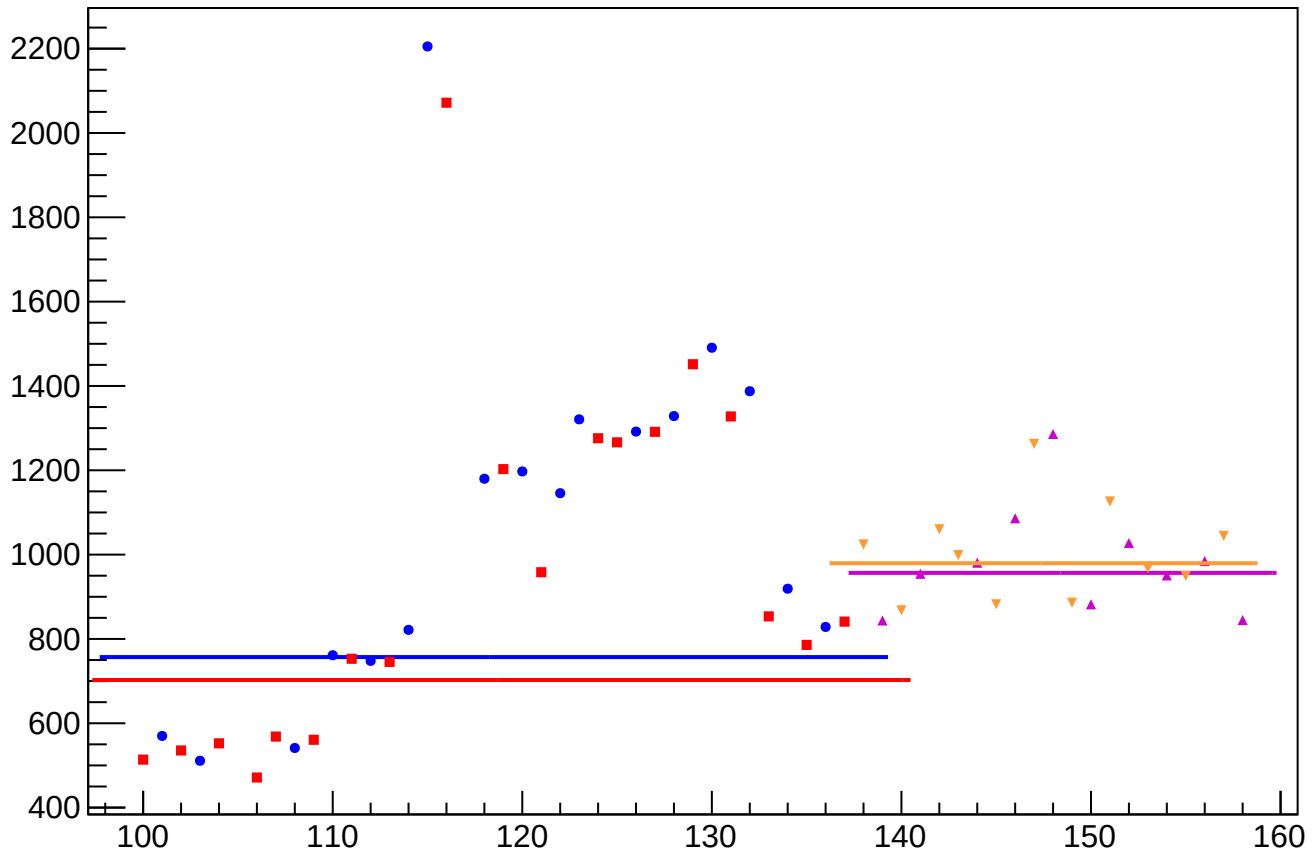
Left In: 421.413+/-336.479 χ^2/NDF : 19.4/9

+ sign 265.727+/-232.052 χ^2/NDF : 27.9/27

All: 370.021+/-158.291 χ^2/NDF : 70.4/56

- sign 460.782+/-216.473 χ^2/NDF : 42.1/28

asym_sam5_rms vs Slug



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

Left Out: 979.597+/-0.245 χ^2/NDF : 182085.2/10

+ sign 856.847+/-0.164 χ^2/NDF : 2348652.6/27

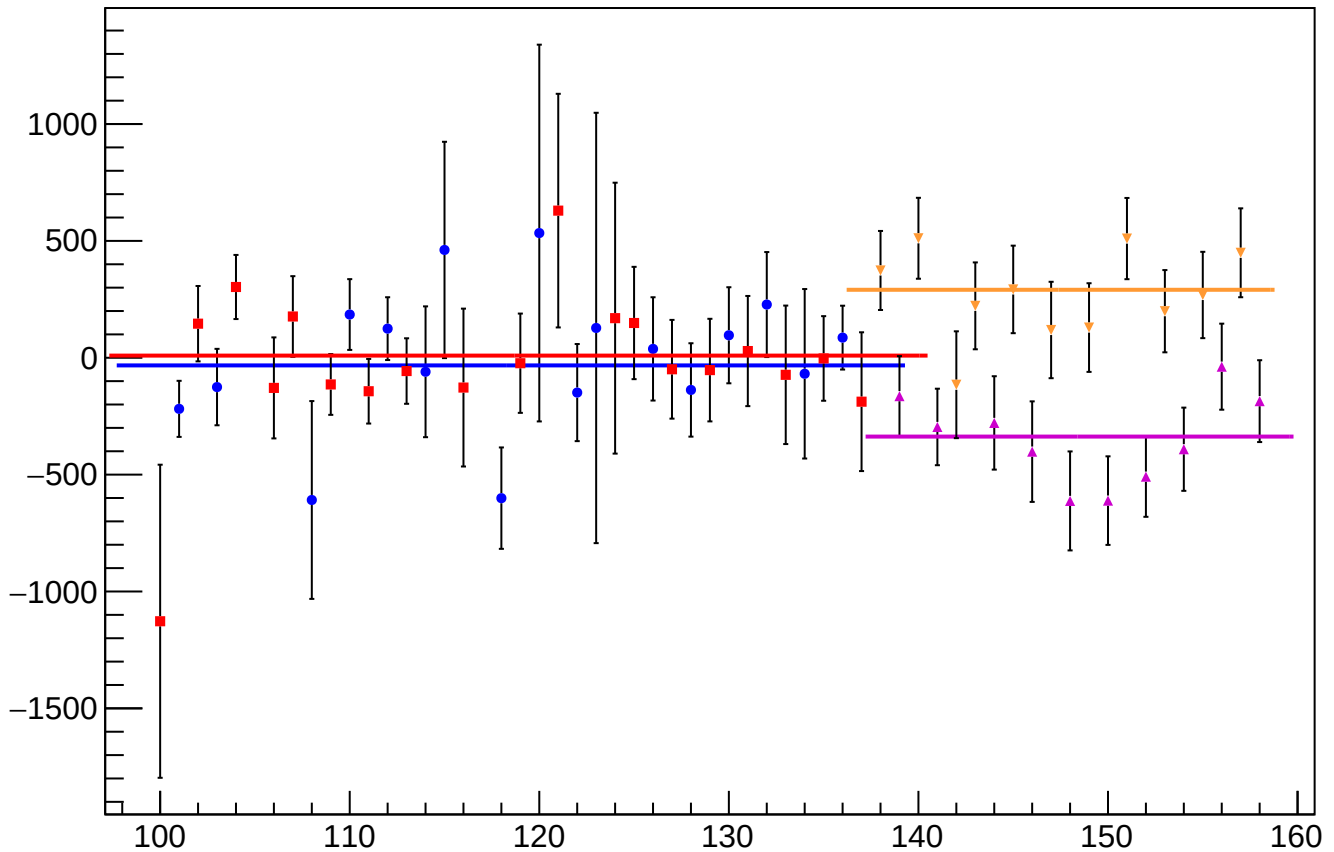
Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

All: 830.615+/-0.112 χ^2/NDF : 4959164.2/56

- sign 807.788+/-0.153 χ^2/NDF : 2562714.0/28

Left In: 956.662+/-0.238 χ^2/NDF : 205136.1/9

dit_asym_sam6_mean vs Slug



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

Left Out: 290.866 ± 56.021 χ^2/NDF : 9.1/10

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

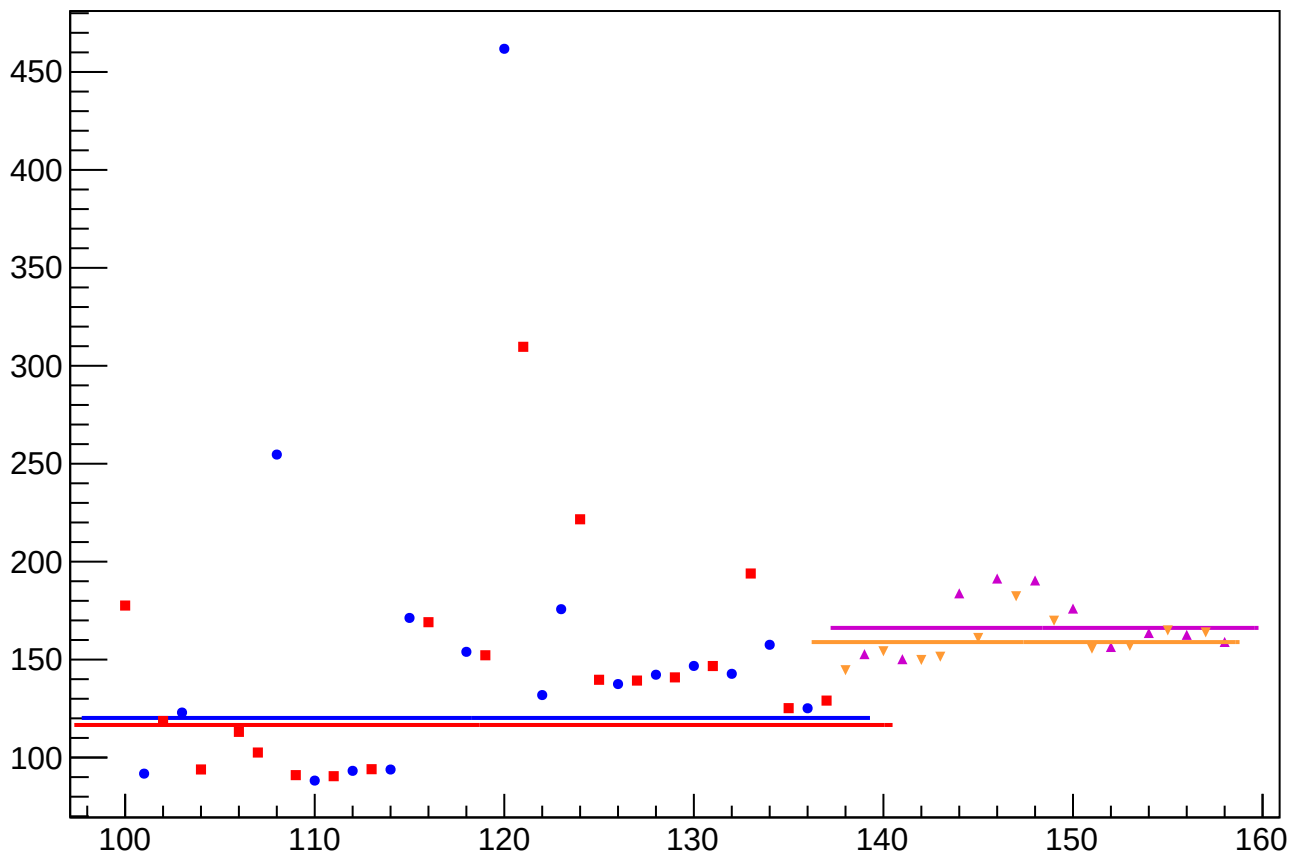
Left In: -337.197 ± 58.138 χ^2/NDF : 9.5/9

+ sign 105.699 ± 36.638 χ^2/NDF : 48.0/27

All: -10.879 ± 25.635 χ^2/NDF : 114.0/56

- sign -122.685 ± 35.880 χ^2/NDF : 46.2/28

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 158.939 $\pm$ 0.040 χ^2 /NDF: 59359.0/10

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

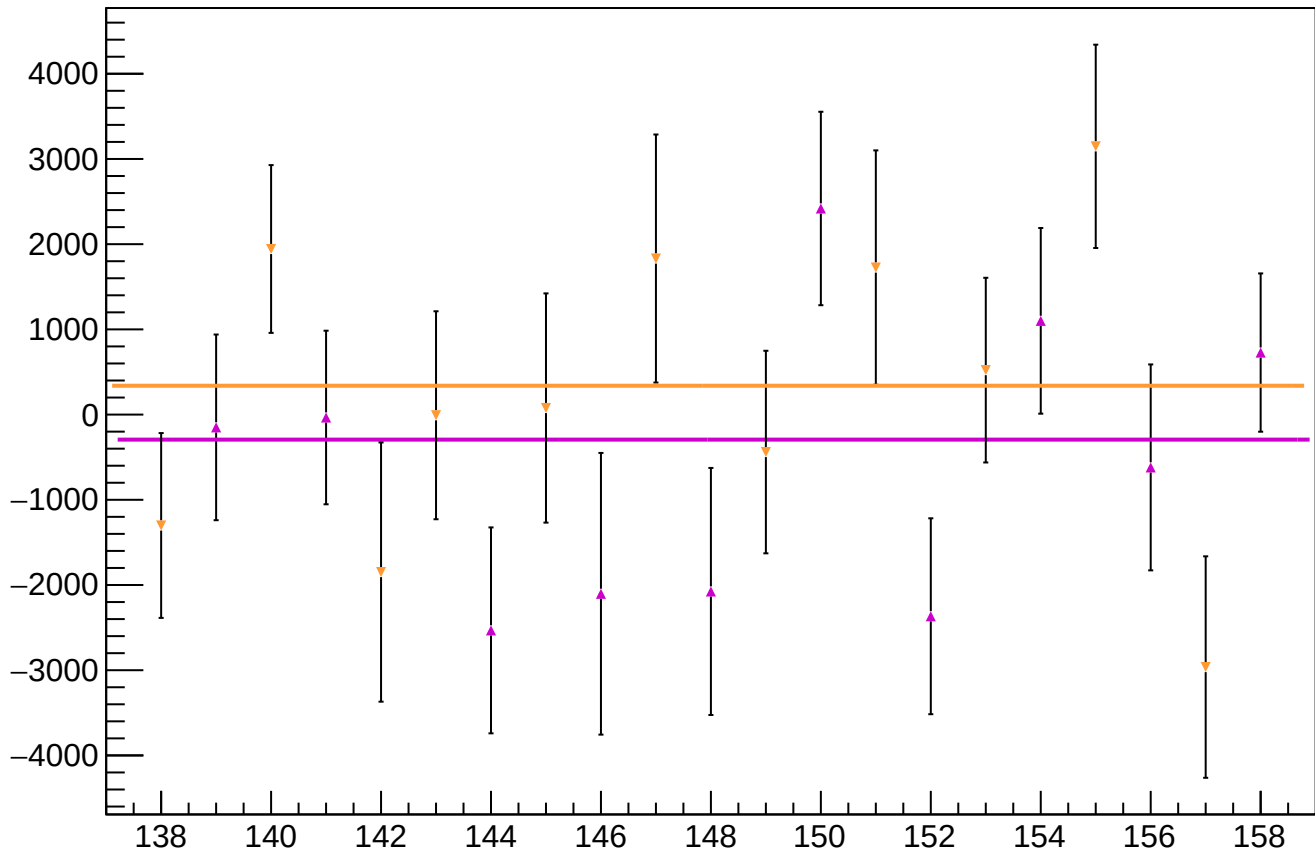
Left In: 166.179 $\pm$ 0.041 χ^2 /NDF: 116879.5/9

+ sign 136.773 $\pm$ 0.026 χ^2 /NDF: 1668805.8/27

All: 136.120 $\pm$ 0.018 χ^2 /NDF: 3684708.8/56

- sign 135.494 $\pm$ 0.025 χ^2 /NDF: 2014658.7/28

asym_sam6_correction_mean vs Slug



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

Left Out: 338.689+/-367.794 χ^2/NDF : 21.7/10

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

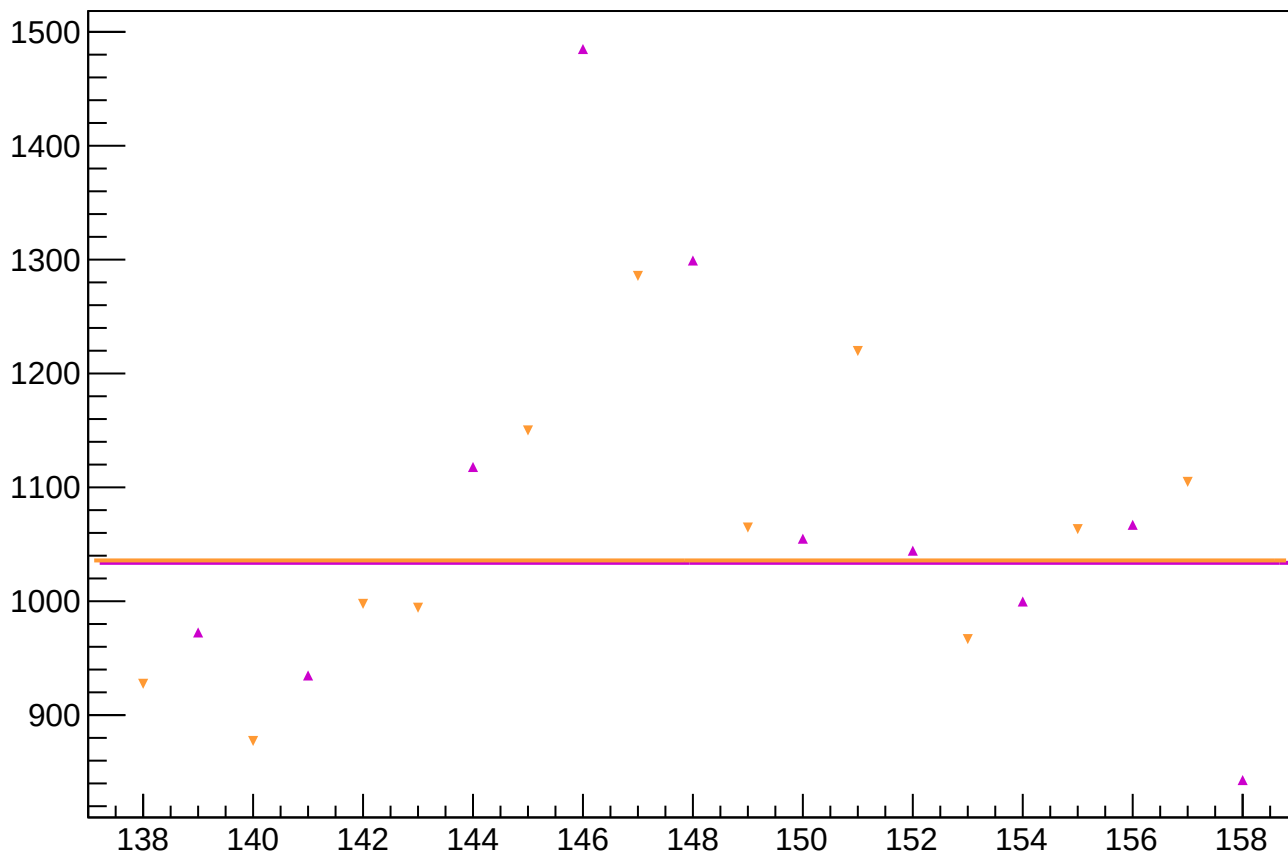
Left In: -293.718+/-363.889 χ^2/NDF : 18.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.111+/-258.678 χ^2/NDF : 41.3/20

- 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: 1035.829+/-0.260 χ^2/NDF : 200511.7/10

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

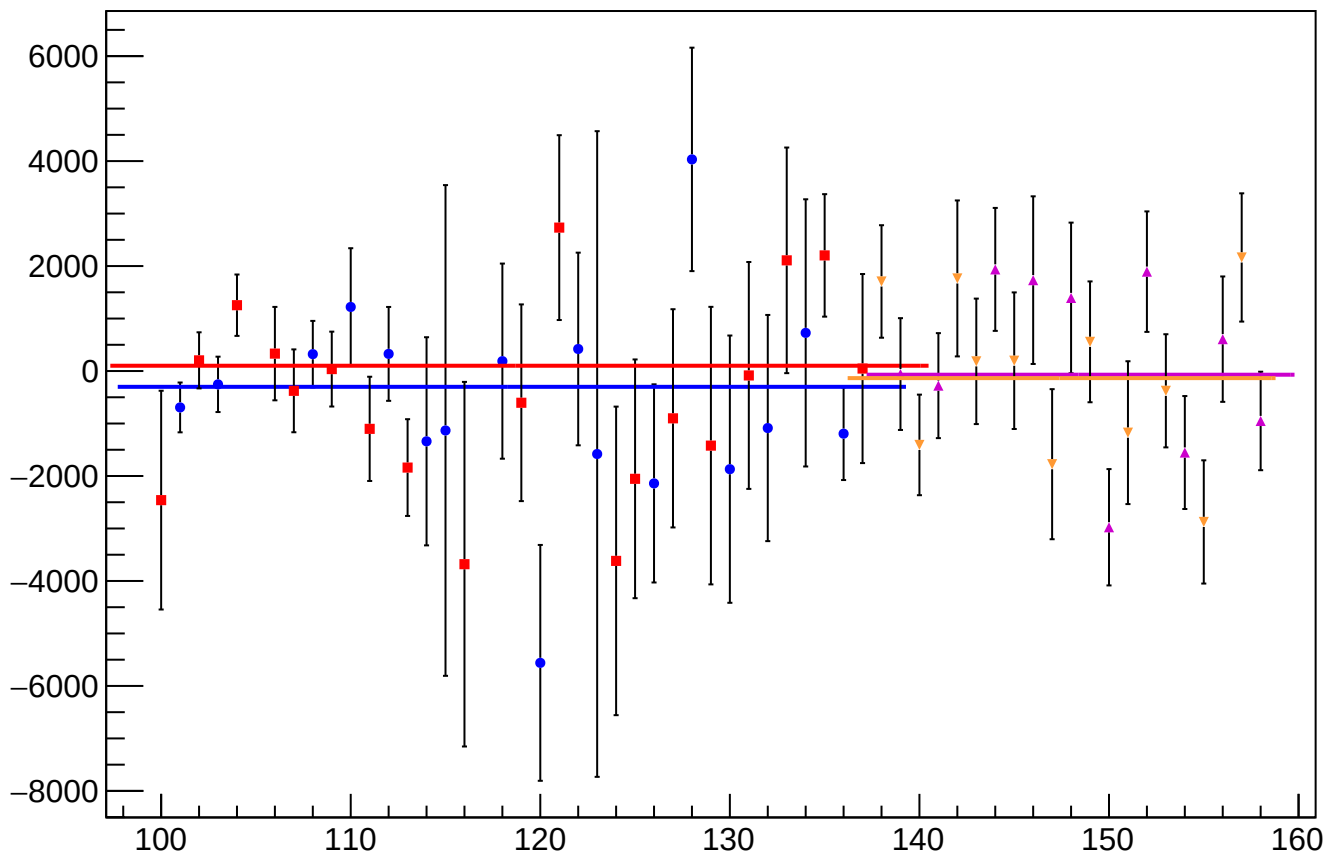
Left In: 1033.734+/-0.257 χ^2/NDF : 339683.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.770+/-0.183 χ^2/NDF : 540228.3/20

- 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: -135.178+/-359.378 χ^2/NDF : 17.8/10

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

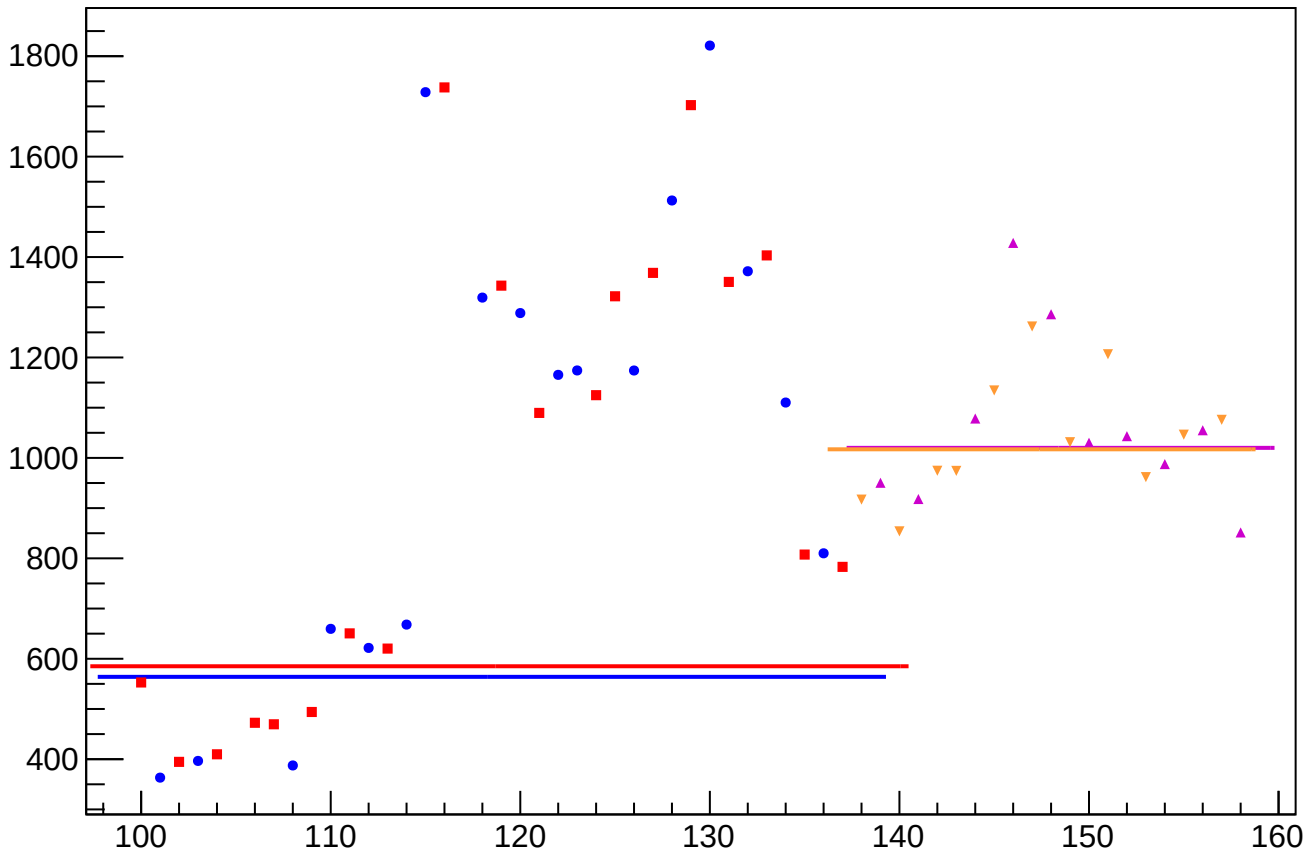
Left In: -70.185+/-358.959 χ^2/NDF : 18.2/9

+ sign -246.911+/-205.250 χ^2/NDF : 34.8/27

All: -98.674+/-144.299 χ^2/NDF : 76.7/56

- sign 46.203+/-202.910 χ^2/NDF : 40.9/28

asym_sam6_rms vs Slug



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

Left Out: 1017.121 ± 0.254 χ^2/NDF : 204778.5/10

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

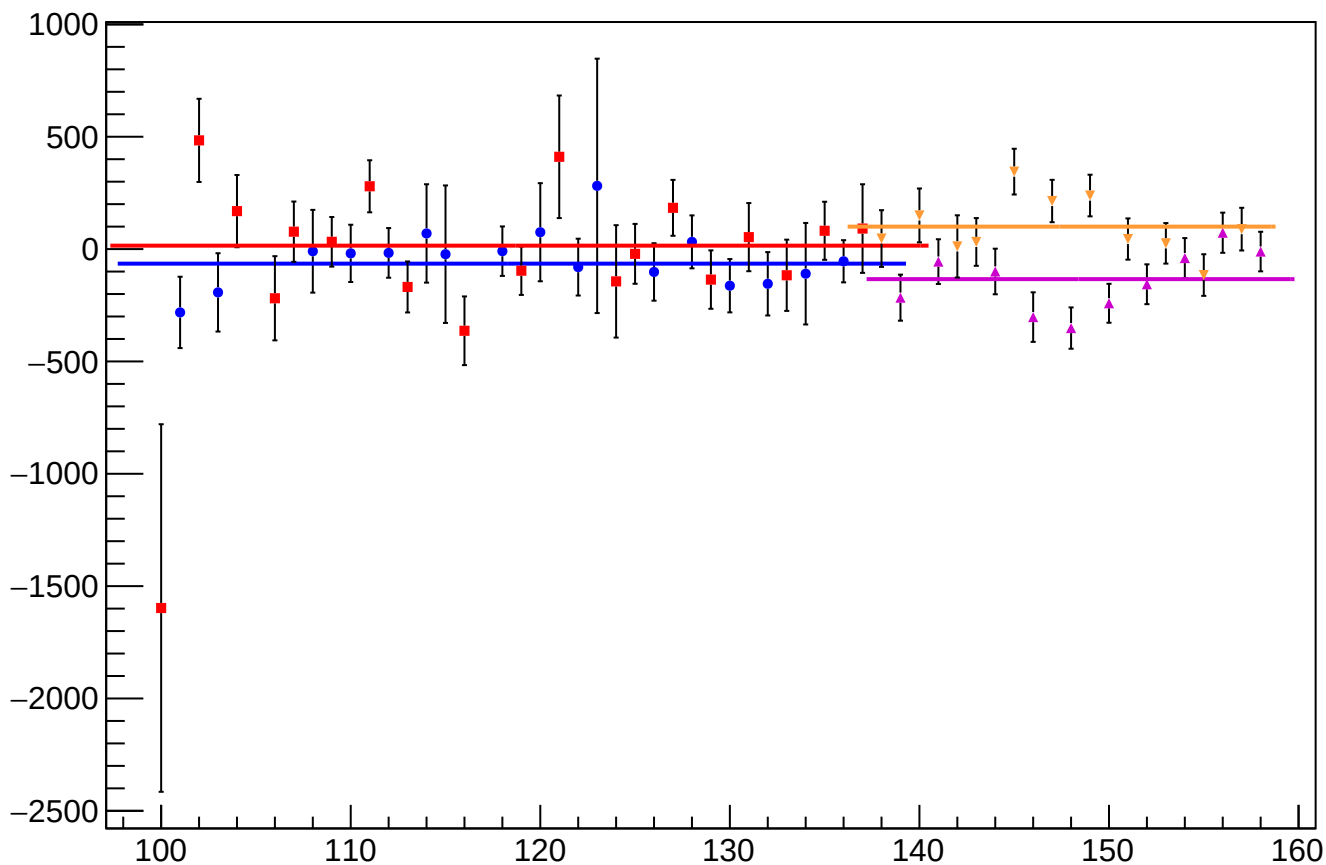
Left In: 1020.010 ± 0.254 χ^2/NDF : 302623.7/9

+ sign 711.804 ± 0.145 χ^2/NDF : 5608617.3/27

All: 717.996 ± 0.102 χ^2/NDF : 10733730.9/50

- sign 724.049 ± 0.143 χ^2/NDF : 5121513.9/28

dit_asym_sam7_mean vs Slug



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

Left Out: 99.977 ± 30.601 χ^2/NDF : 17.1/10

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

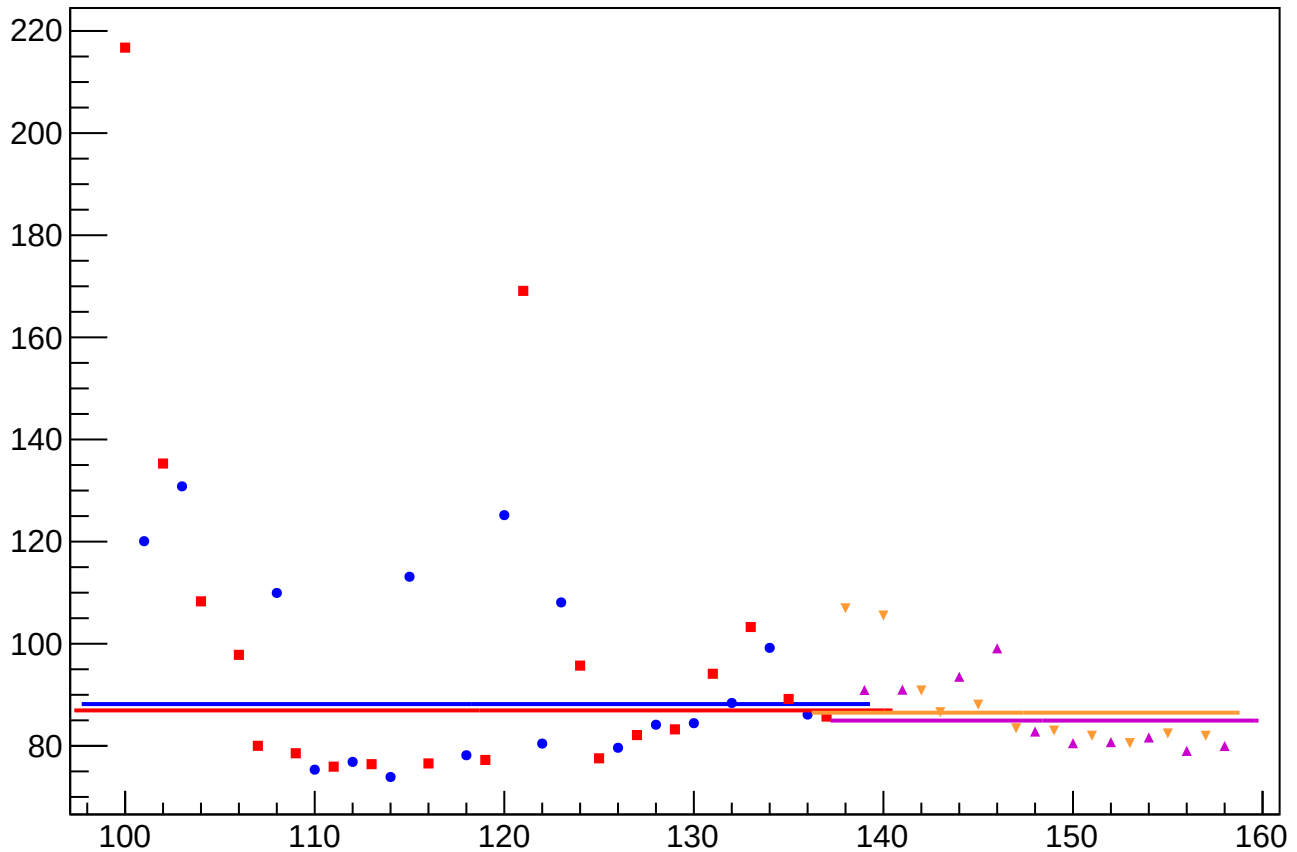
Left In: -133.716 ± 29.683 χ^2/NDF : 19.3/9

+ sign 27.727 ± 22.931 χ^2/NDF : 36.0/27

All: -21.705 ± 15.947 χ^2/NDF : 110.4/56

- sign -68.009 ± 22.193 χ^2/NDF : 65.4/28

dit_asym_sam7_rms vs Slug



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

Left Out: 86.496 $\pm$ 0.022 χ^2 /NDF: 132242.8/10

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

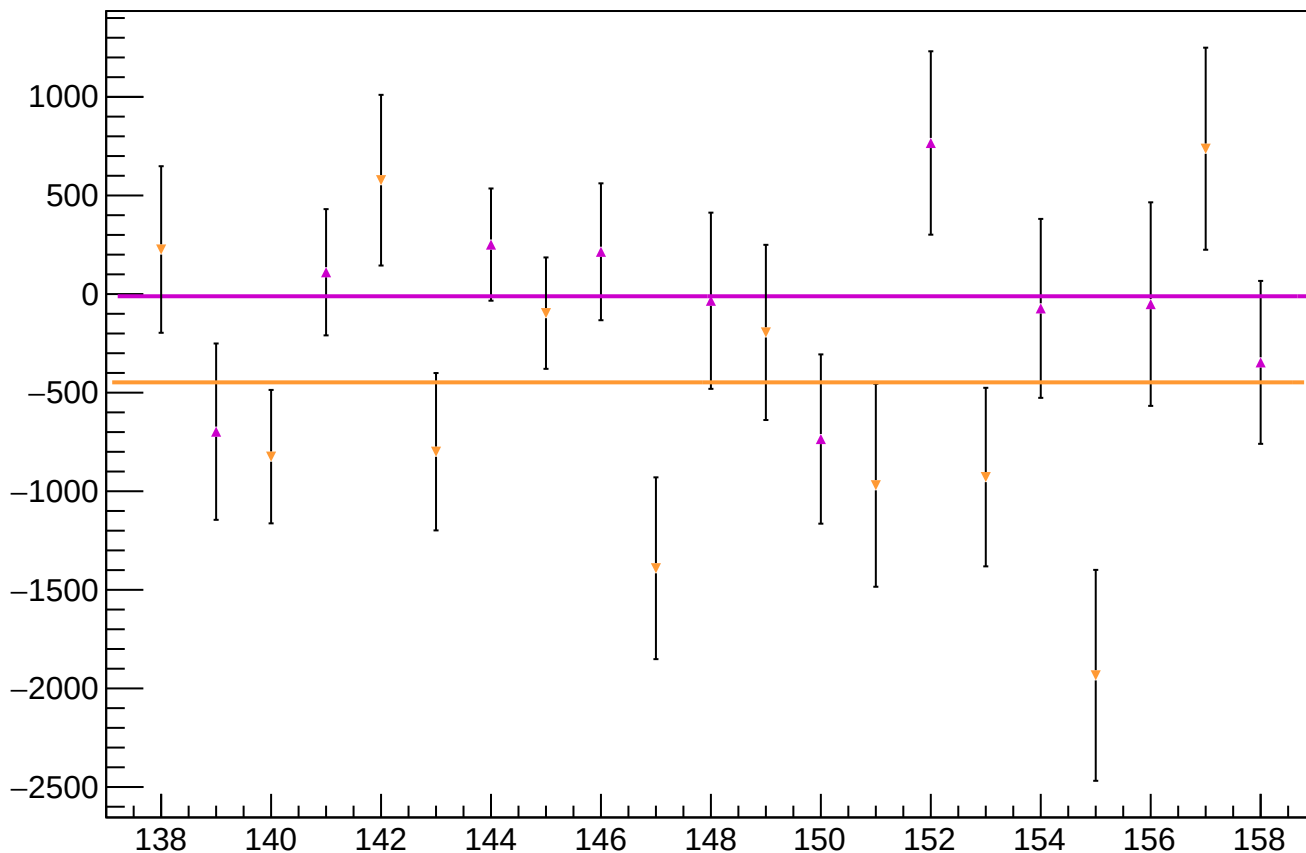
Left In: 84.952 $\pm$ 0.021 χ^2 /NDF: 90260.6/9

+ sign 87.237 $\pm$ 0.016 χ^2 /NDF: 529365.2/27

All: 86.510 $\pm$ 0.011 χ^2 /NDF: 1158844.3/56

- sign 85.830 $\pm$ 0.016 χ^2 /NDF: 625589.1/28

asym_sam7_correction_mean vs Slug



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

Left Out: -447.744+/-124.791 χ^2/NDF : 31.4/10

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

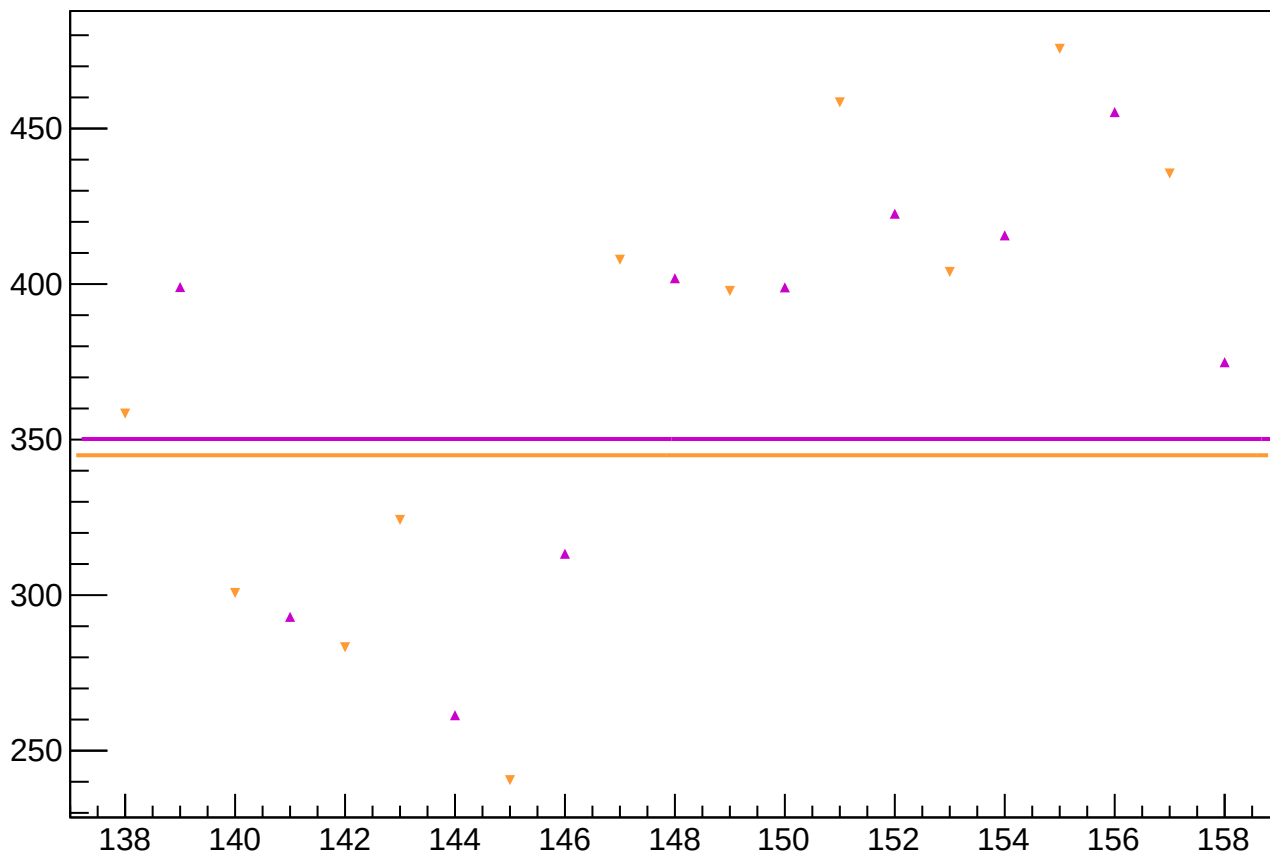
Left In: -11.108+/-124.103 χ^2/NDF : 10.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.220+/-87.996 χ^2/NDF : 47.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug



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

Left Out: 344.968+/-0.088 χ^2/NDF : 734085.3/10

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

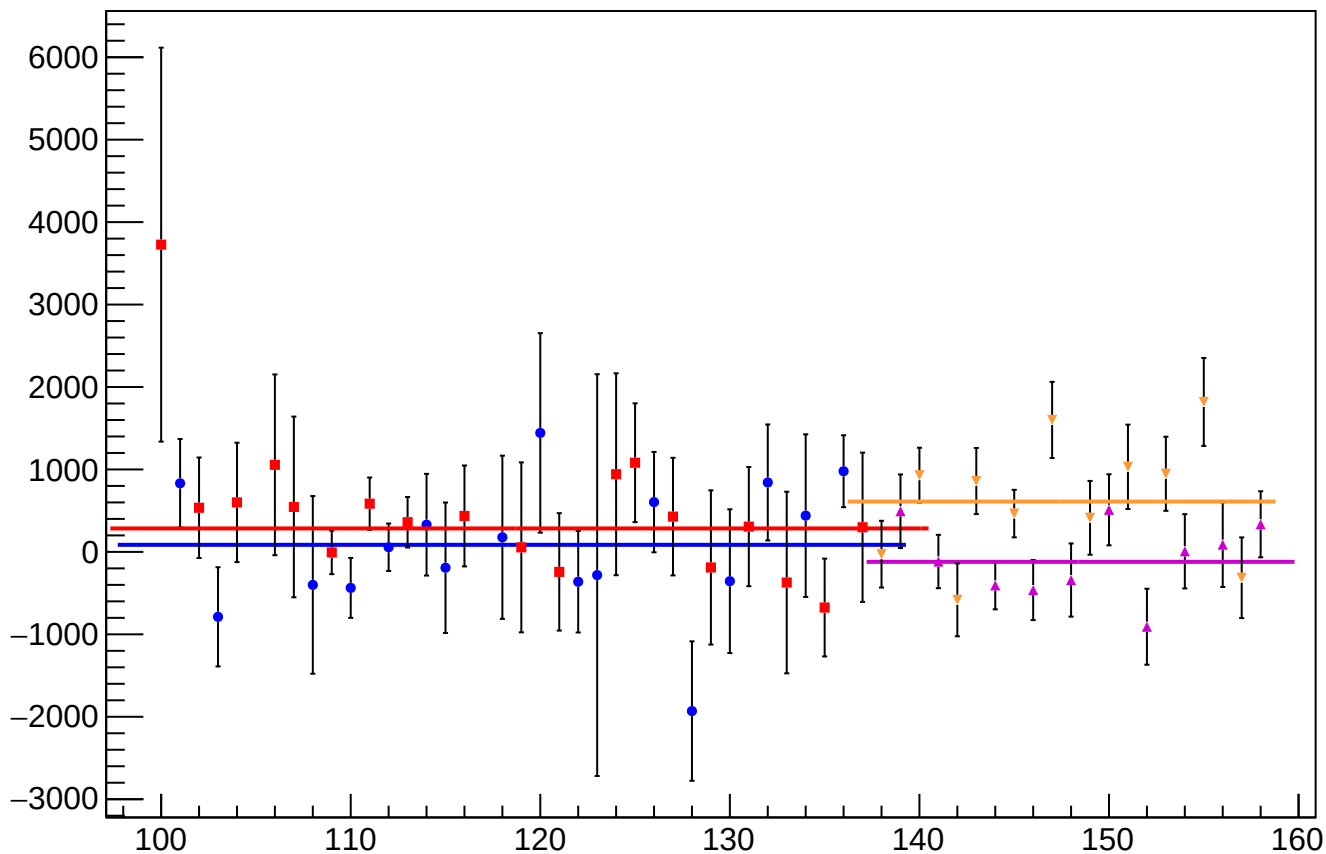
Left In: 350.190+/-0.088 χ^2/NDF : 537665.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.593+/-0.062 χ^2/NDF : 1273511.4/20

- 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: 610.515 $\pm$ 124.382 χ^2 /NDF: 26.1/10

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

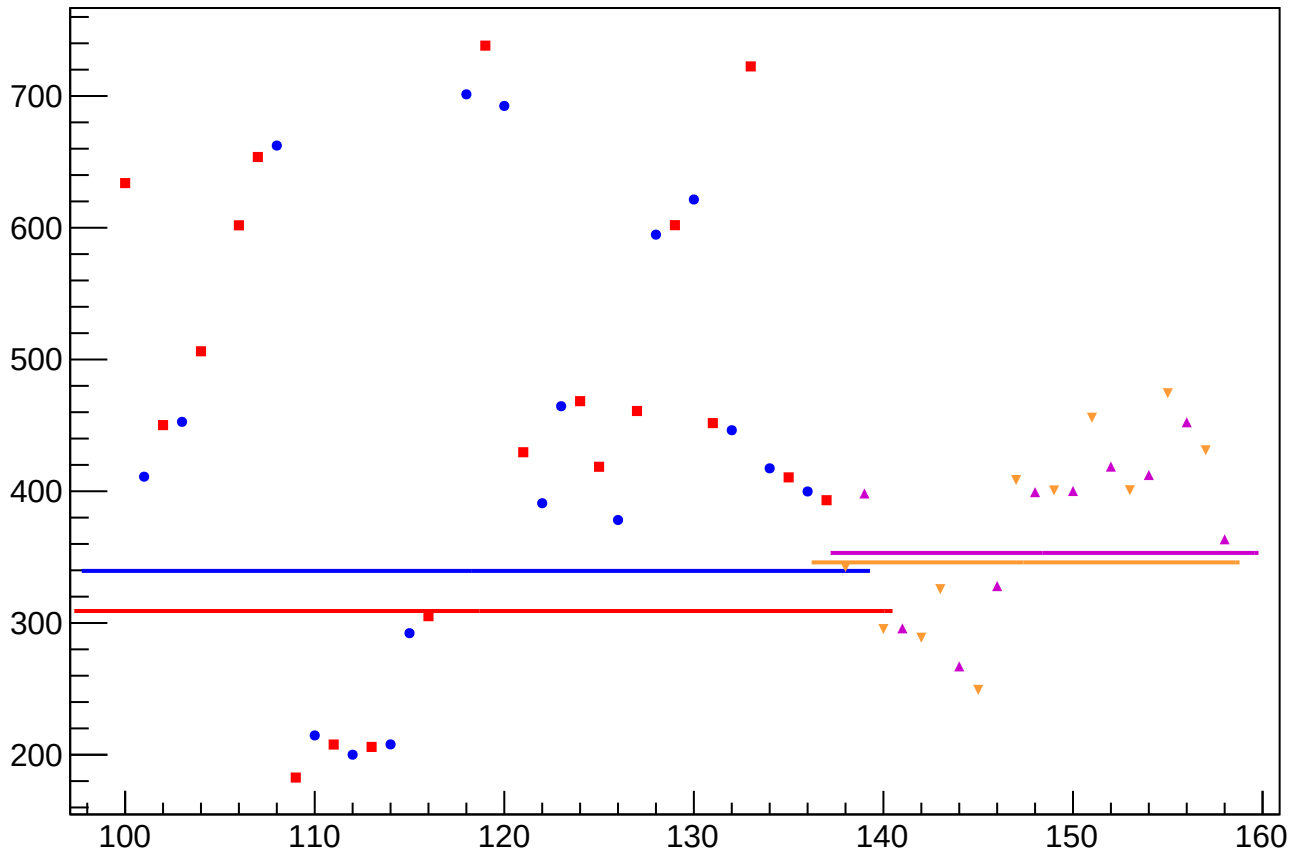
Left In: -120.686 $\pm$ 124.947 χ^2 /NDF: 10.6/9

+ sign 383.802 $\pm$ 93.735 χ^2 /NDF: 54.3/27

All: 222.773 $\pm$ 64.901 χ^2 /NDF: 86.2/56

- sign 74.484 $\pm$ 89.951 χ^2 /NDF: 26.3/28

asym_sam7_rms vs Slug



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

Left Out: 346.009+/-0.088 χ^2/NDF : 674835.2/10

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

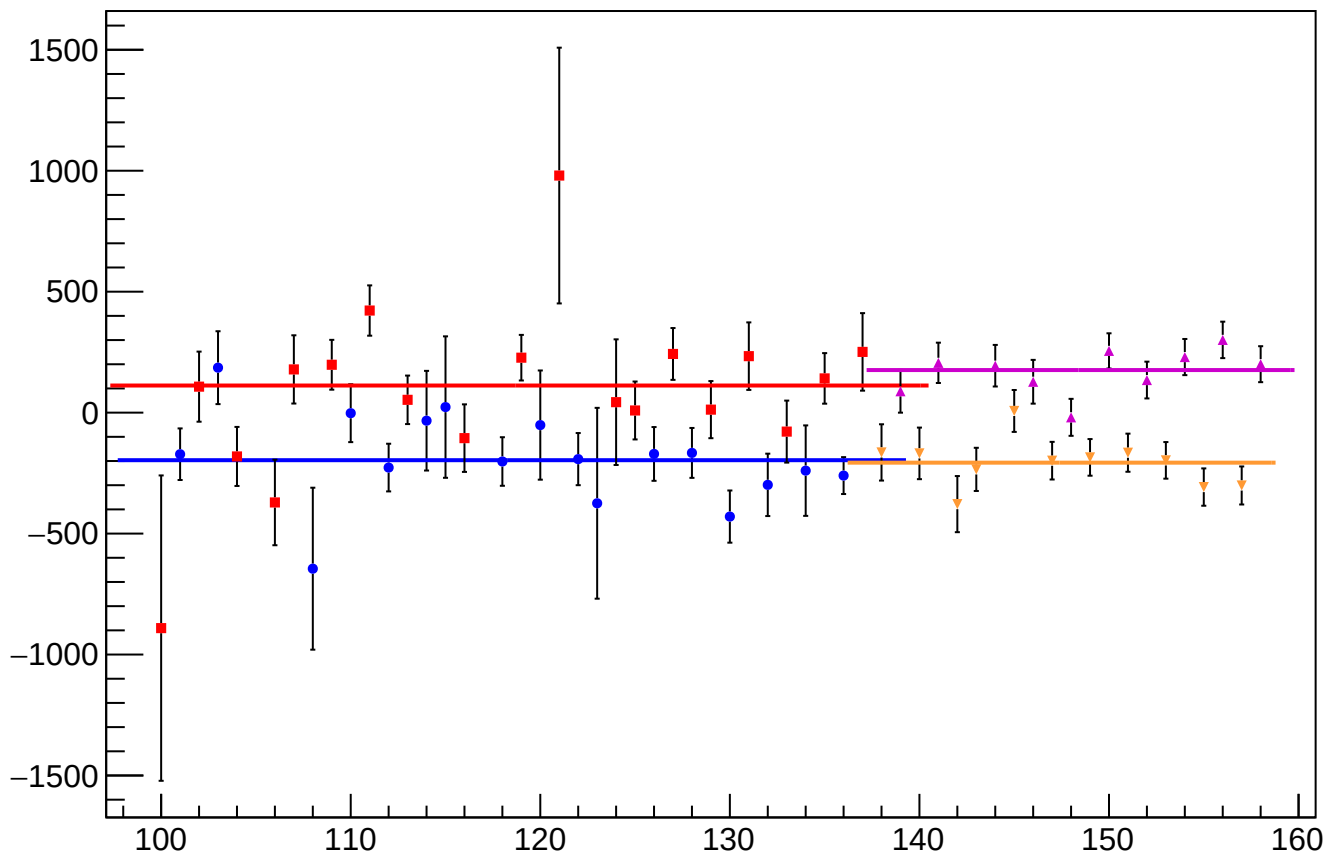
Left In: 353.189+/-0.088 χ^2/NDF : 464438.8/9

+ sign 343.219+/-0.066 χ^2/NDF : 2719407.7/27

All: 337.354+/-0.046 χ^2/NDF : 6049133.9/56

- sign 331.953+/-0.064 χ^2/NDF : 3314683.6/28

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -206.782 ± 25.821 χ^2/NDF : 12.2/10

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

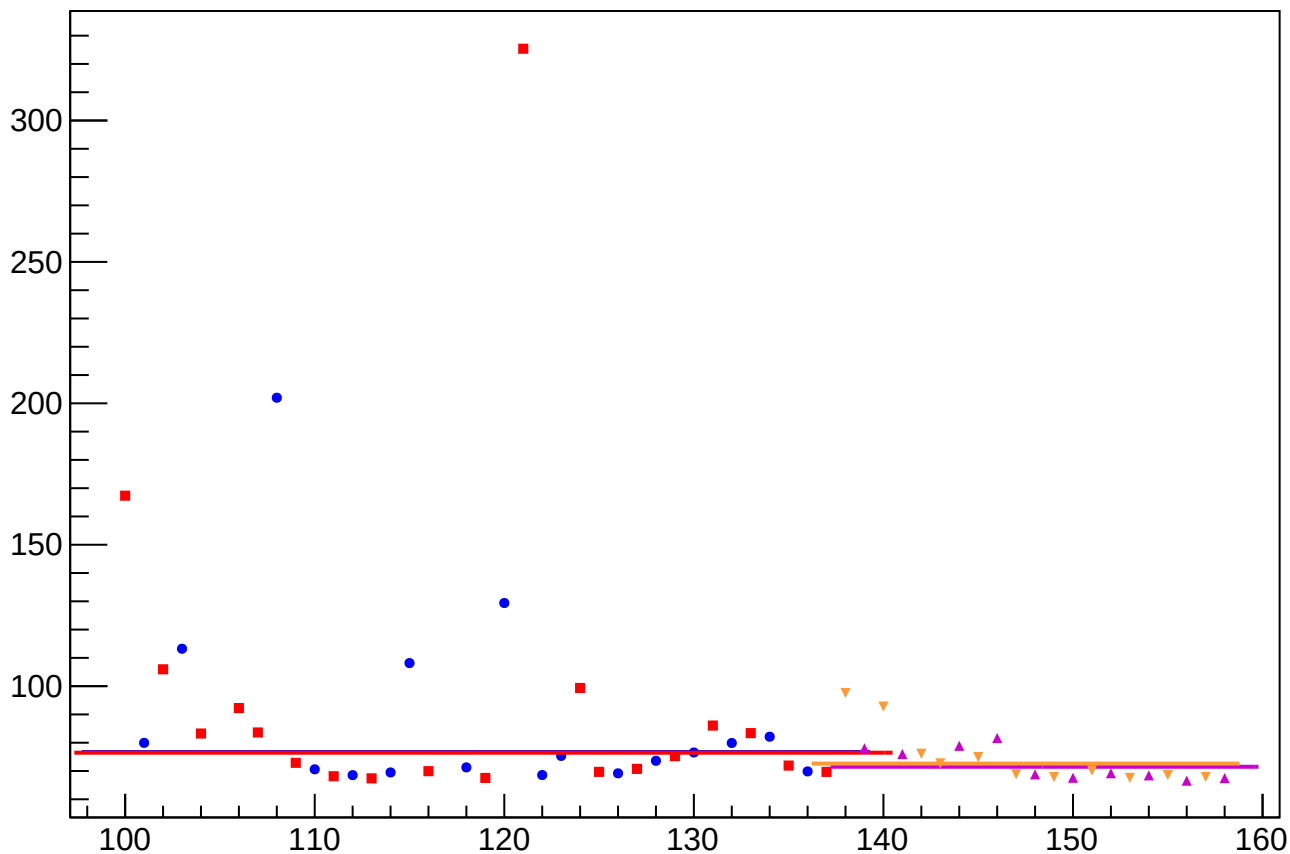
Left In: 176.019 ± 25.007 χ^2/NDF : 12.8/9

+ sign -202.514 ± 19.680 χ^2/NDF : 31.3/27

All: -21.366 ± 13.709 χ^2/NDF : 250.8/56

- sign 149.419 ± 19.108 χ^2/NDF : 54.9/28

dit_asym_sam8_rms vs Slug



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

Left Out: 72.632 $\pm$ 0.018 χ^2 /NDF: 202843.9/10

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

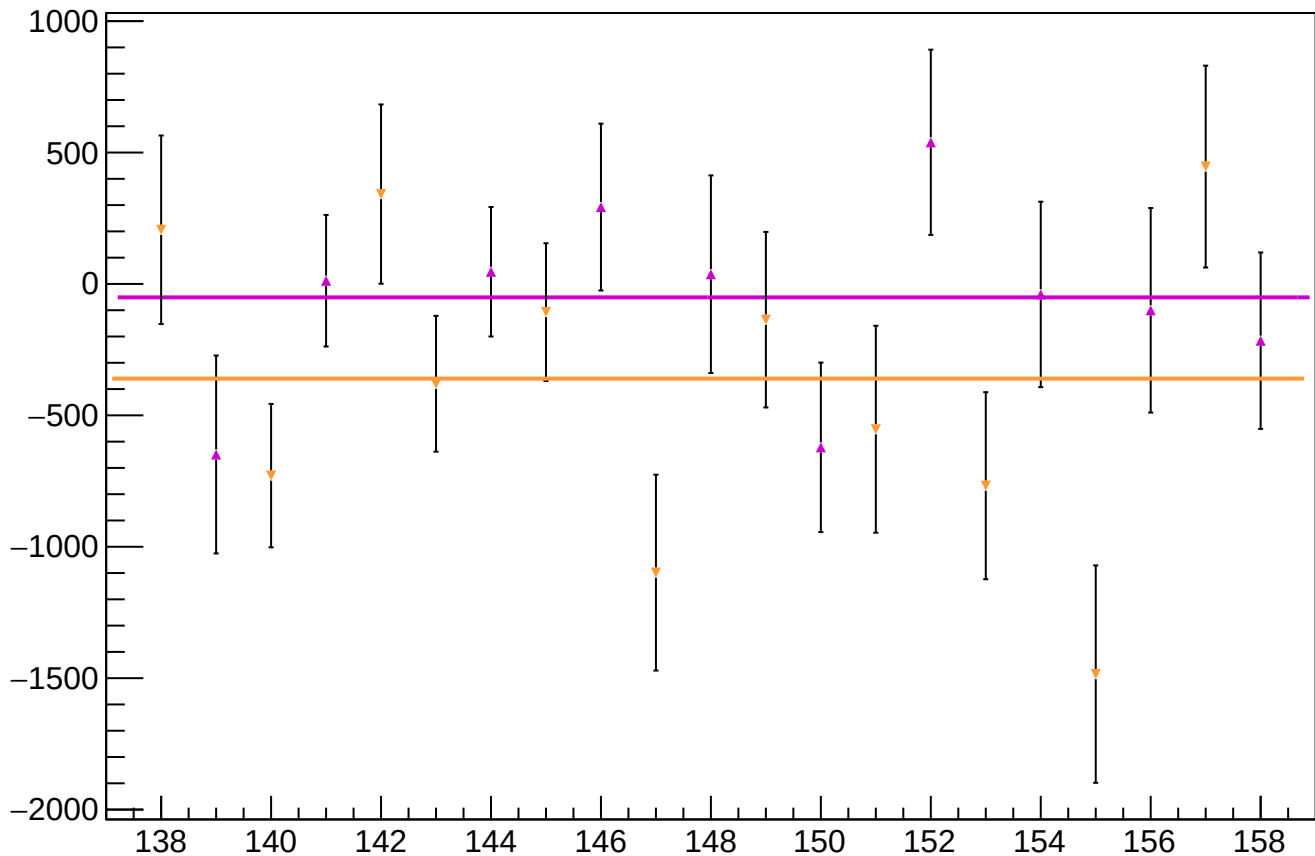
Left In: 71.504 $\pm$ 0.018 χ^2 /NDF: 84534.0/9

+ sign 74.334 $\pm$ 0.014 χ^2 /NDF: 823915.7/27

All: 73.943 $\pm$ 0.010 χ^2 /NDF: 1642279.5/56

- sign 73.574 $\pm$ 0.014 χ^2 /NDF: 816831.0/28

asym_sam8_correction_mean vs Slug



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

Left Out: -360.158+/-98.778 χ^2/NDF : 27.2/10

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

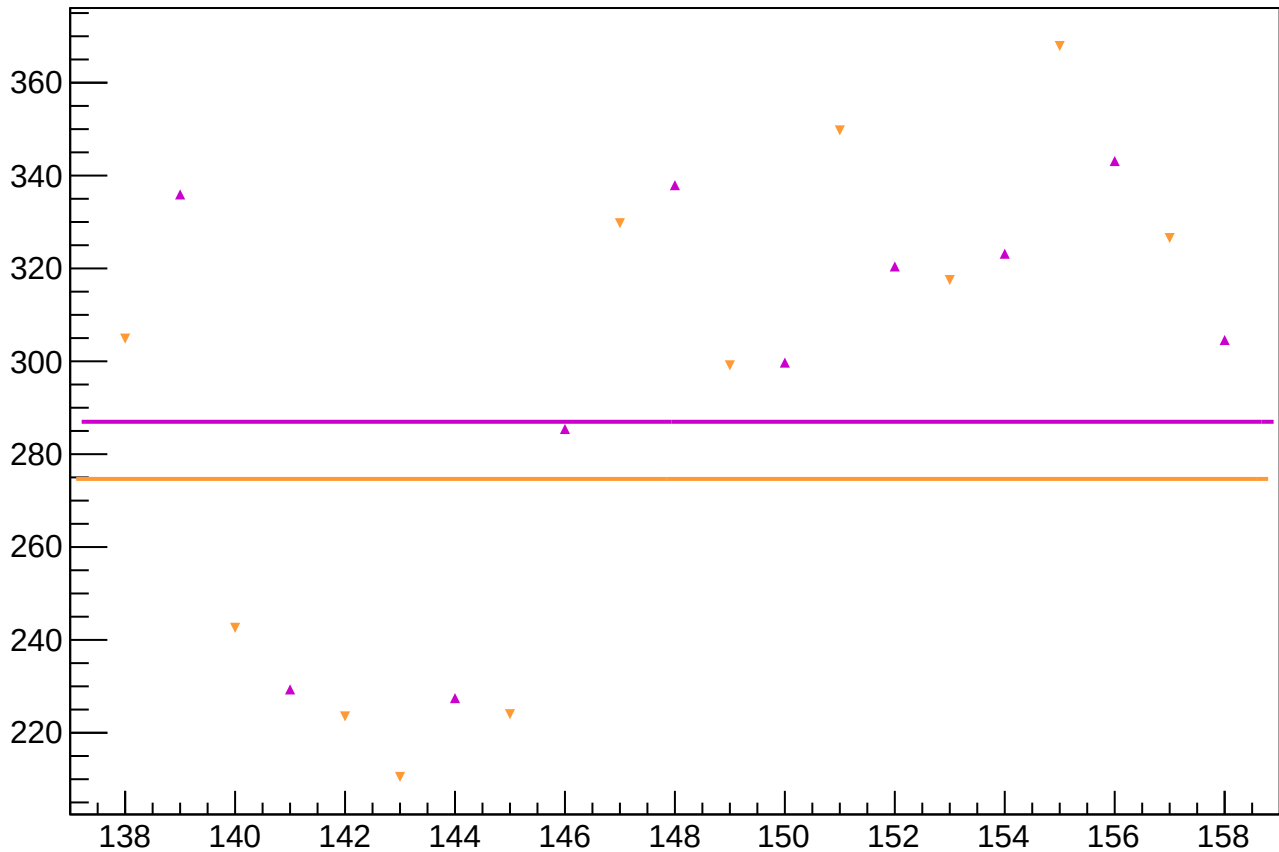
Left In: -51.105+/-101.179 χ^2/NDF : 10.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -209.343+/-70.680 χ^2/NDF : 42.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 274.673+/-0.070 χ^2/NDF : 579166.4/10

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

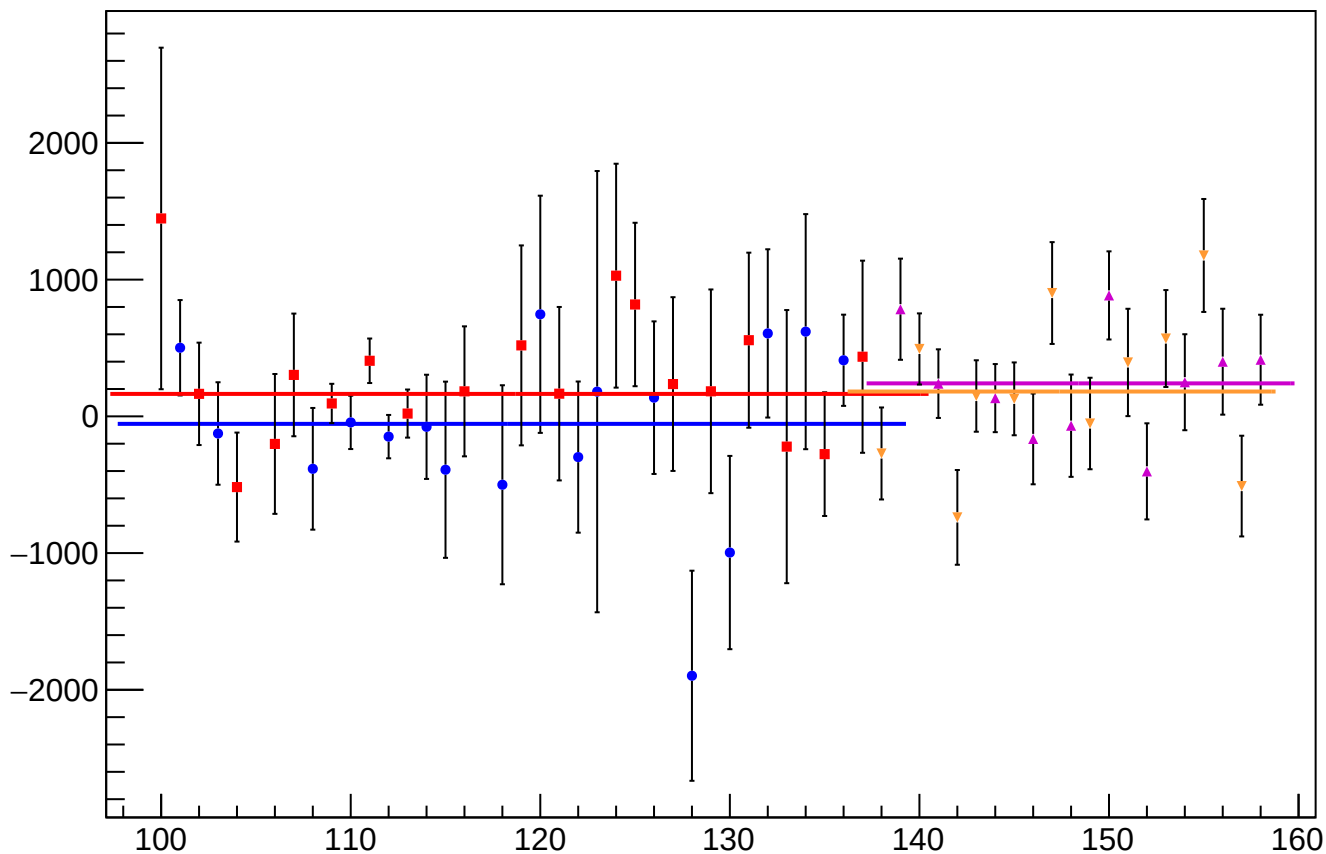
Left In: 286.979+/-0.072 χ^2/NDF : 382726.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.678+/-0.050 χ^2/NDF : 977040.6/20

- 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: 181.600 ± 97.821 χ^2/NDF : 25.4/10

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

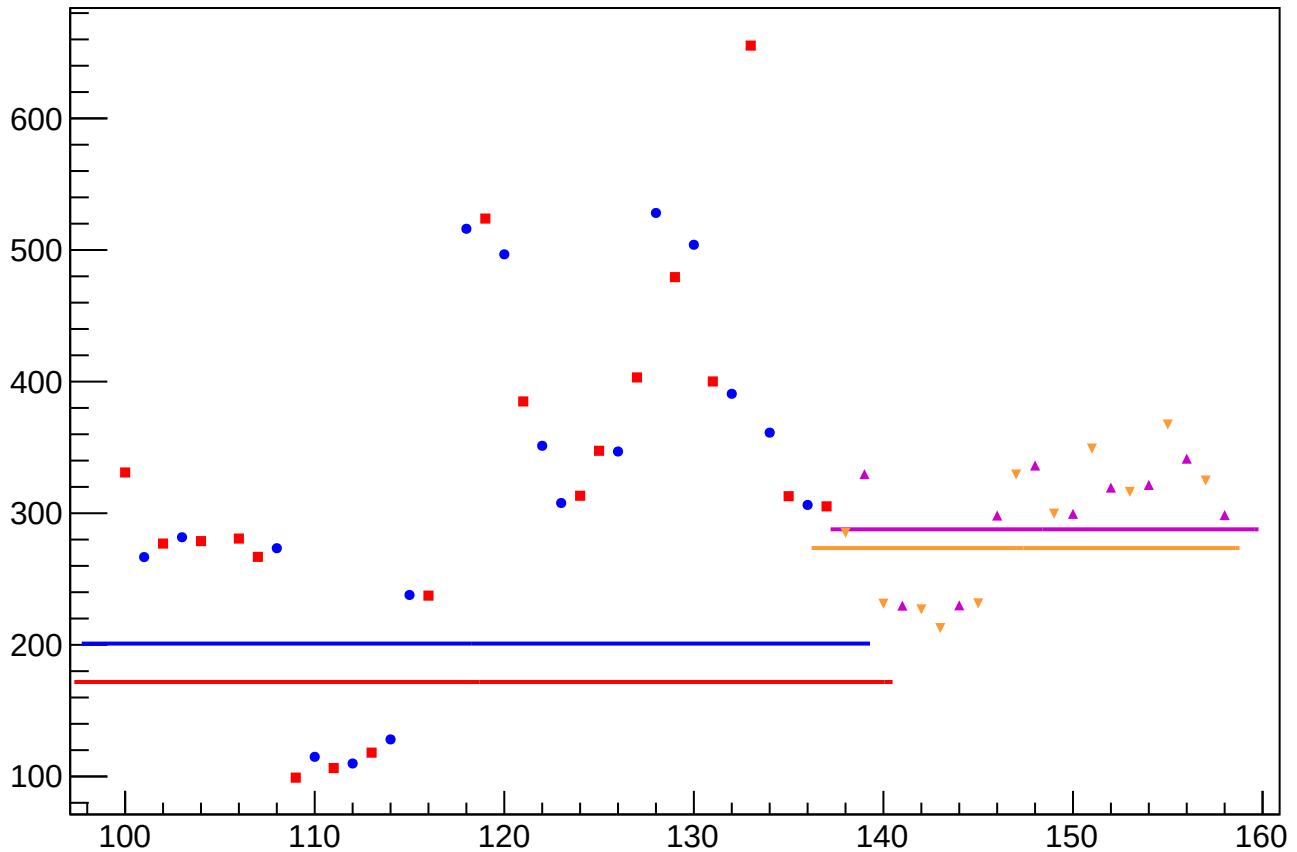
Left In: 241.204 ± 101.397 χ^2/NDF : 12.3/9

+ sign 53.964 ± 66.373 χ^2/NDF : 45.1/27

All: 128.641 ± 45.022 χ^2/NDF : 72.0/56

- sign 192.282 ± 61.273 χ^2/NDF : 24.6/28

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 273.556+/-0.069 χ^2/NDF : 551842.6/10

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

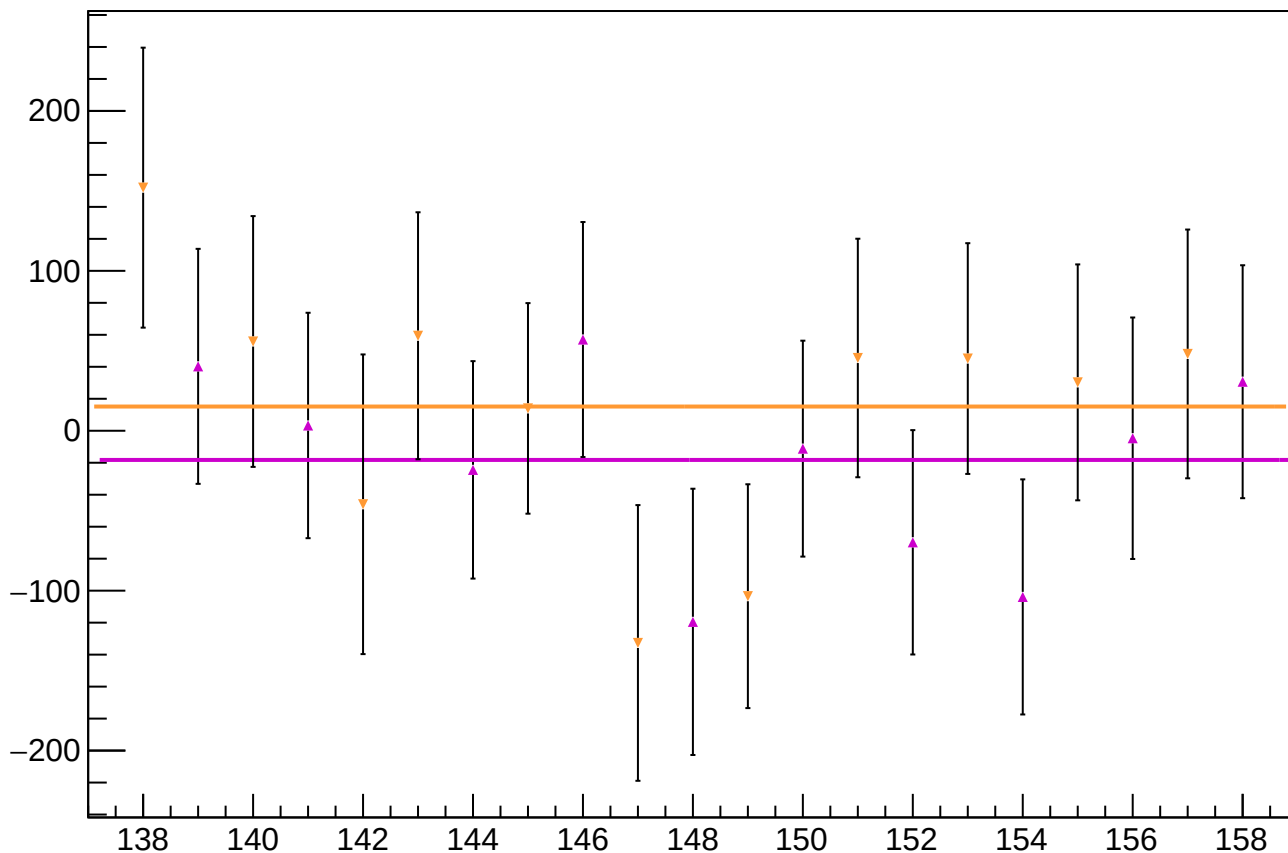
Left In: 287.772+/-0.072 χ^2/NDF : 353538.7/9

+ sign 234.388+/-0.047 χ^2/NDF : 4582219.5/27

All: 223.459+/-0.032 χ^2/NDF : 10789903.5/50

- sign 214.146+/-0.043 χ^2/NDF : 6107248.9/28

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 15.145+/-23.155 χ^2/NDF : 9.8/10

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

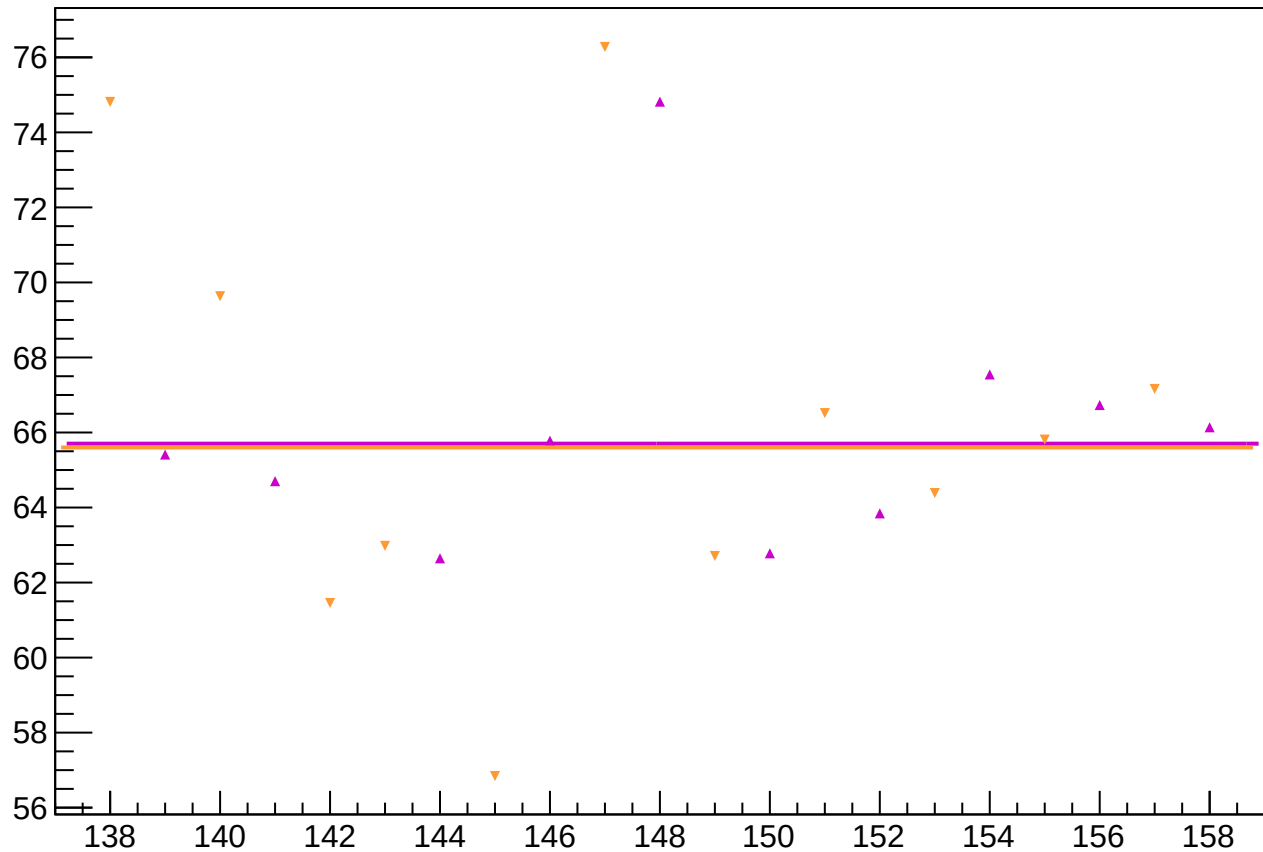
Left In: -18.246+/-22.918 χ^2/NDF : 5.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.723+/-16.289 χ^2/NDF : 16.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.600+/-0.016 χ^2/NDF :104823.3/10

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

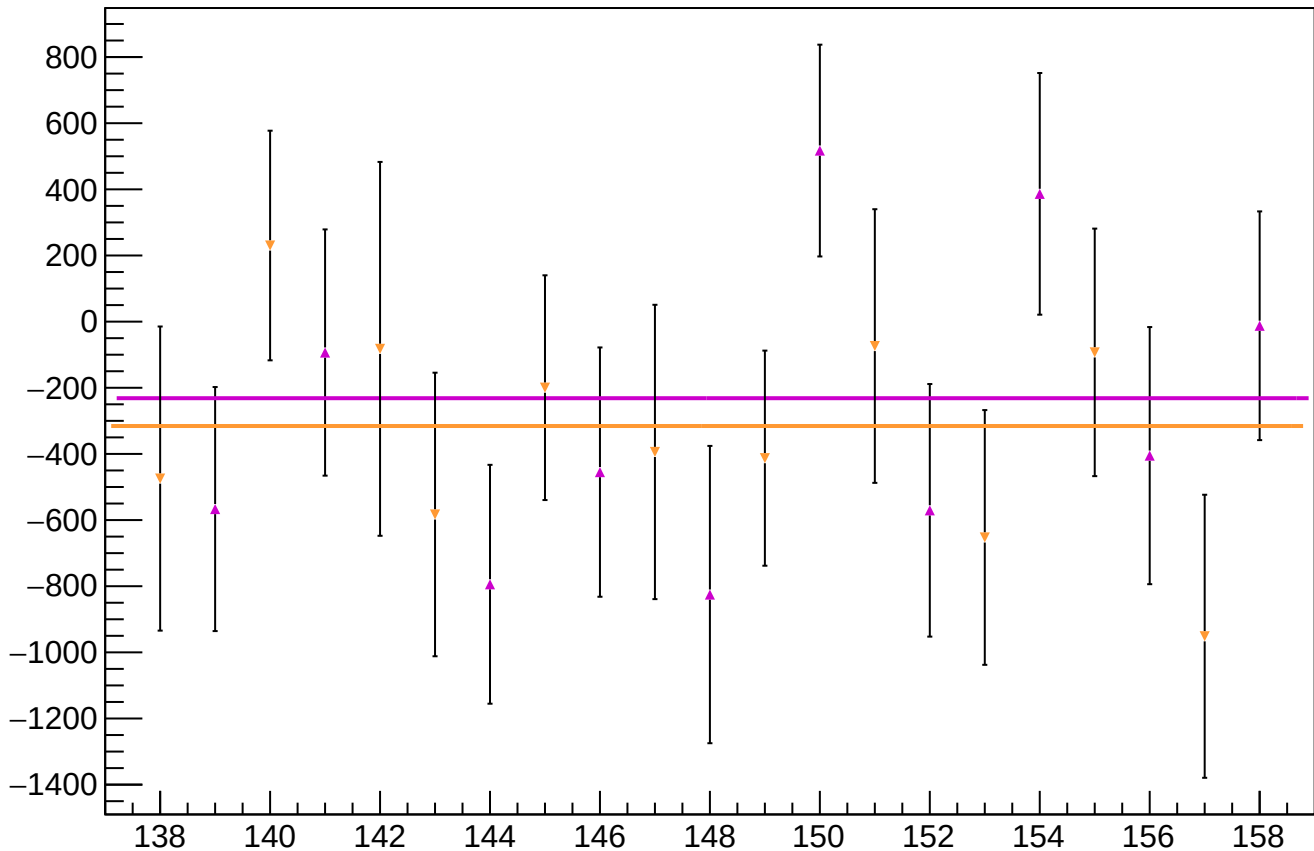
Left In: 65.703+/-0.016 χ^2/NDF :35319.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.652+/-0.012 χ^2/NDF : 140162.7/20

- 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: -315.618+/-119.565 χ^2/NDF : 7.1/10

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

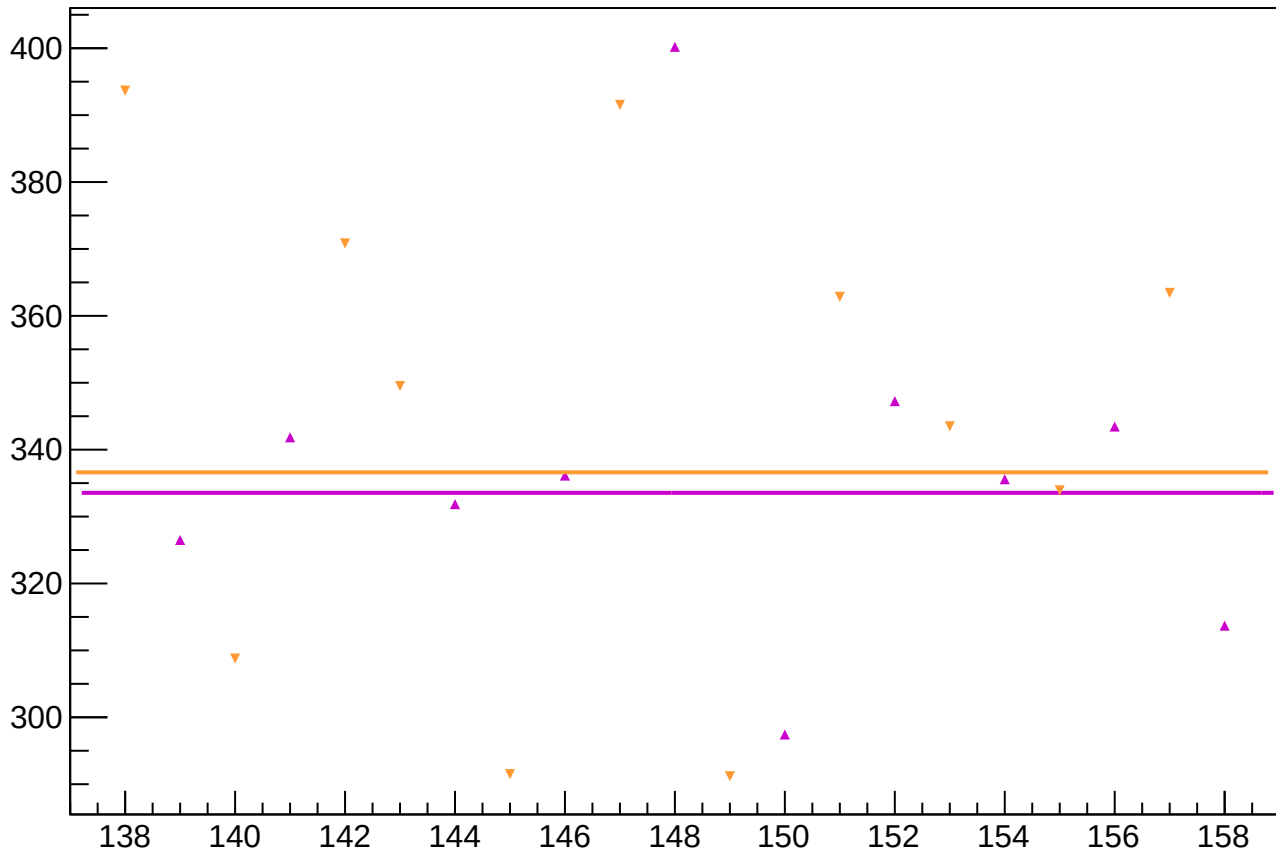
Left In: -231.524+/-116.802 χ^2/NDF : 15.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.588+/-83.551 χ^2/NDF : 22.5/20

- 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: 336.615+/-0.085 χ^2/NDF :174160.1/10

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

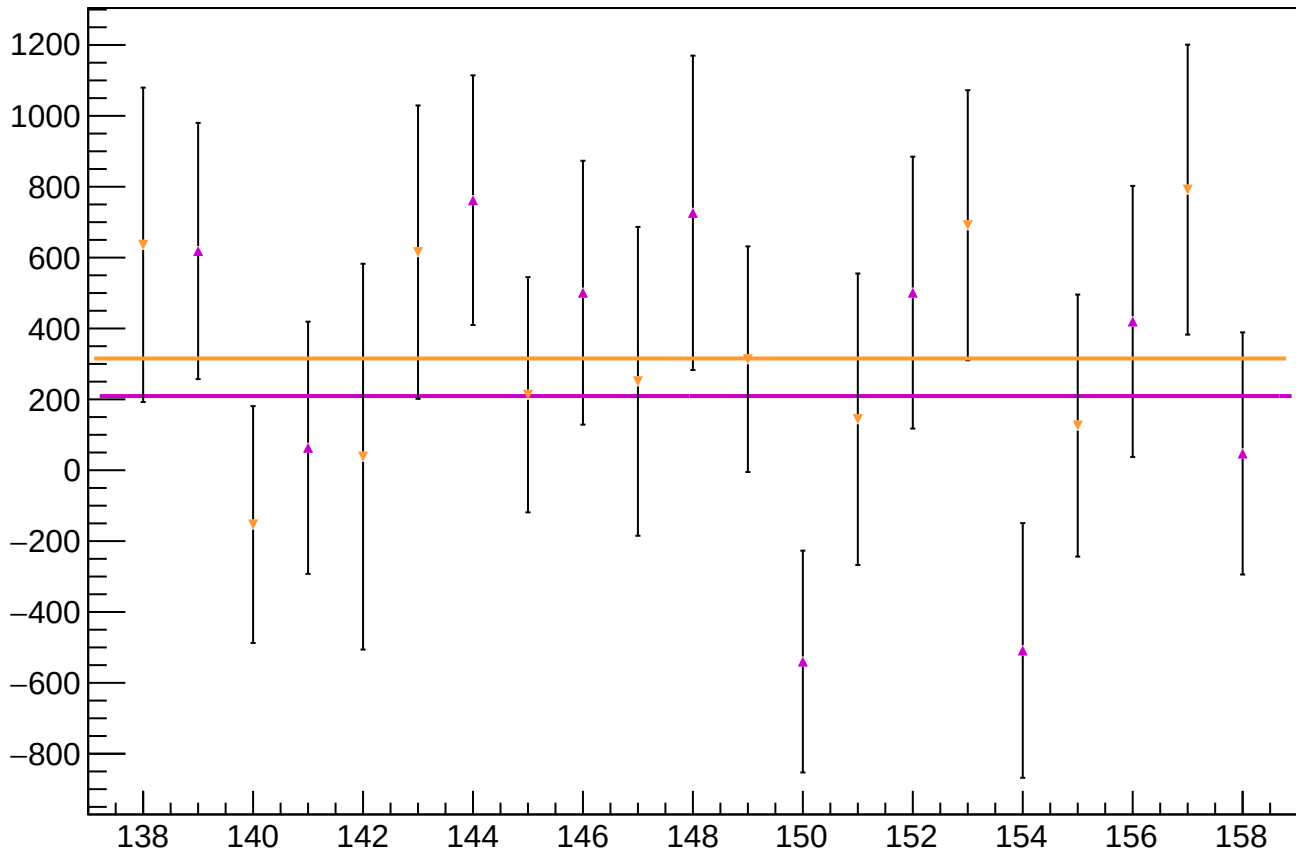
Left In: 333.548+/-0.083 χ^2/NDF :81829.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.045+/-0.059 χ^2/NDF : 256662.8/20

- 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: 315.350+/-116.610 χ^2/NDF : 6.2/10

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

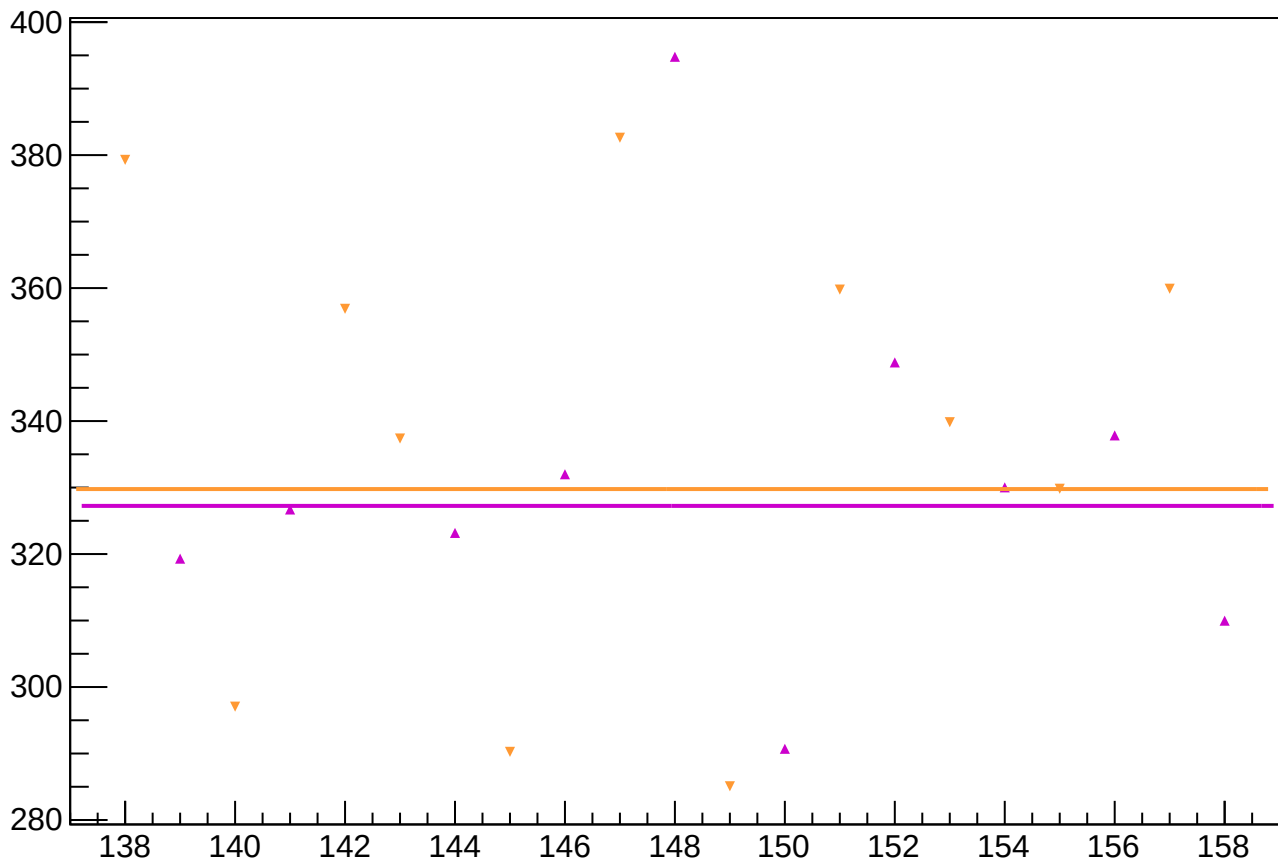
Left In: 209.271+/-114.663 χ^2/NDF : 16.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.418+/-81.759 χ^2/NDF : 23.3/20

- 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: 329.774+/-0.082 χ^2/NDF : 169794.5/10

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

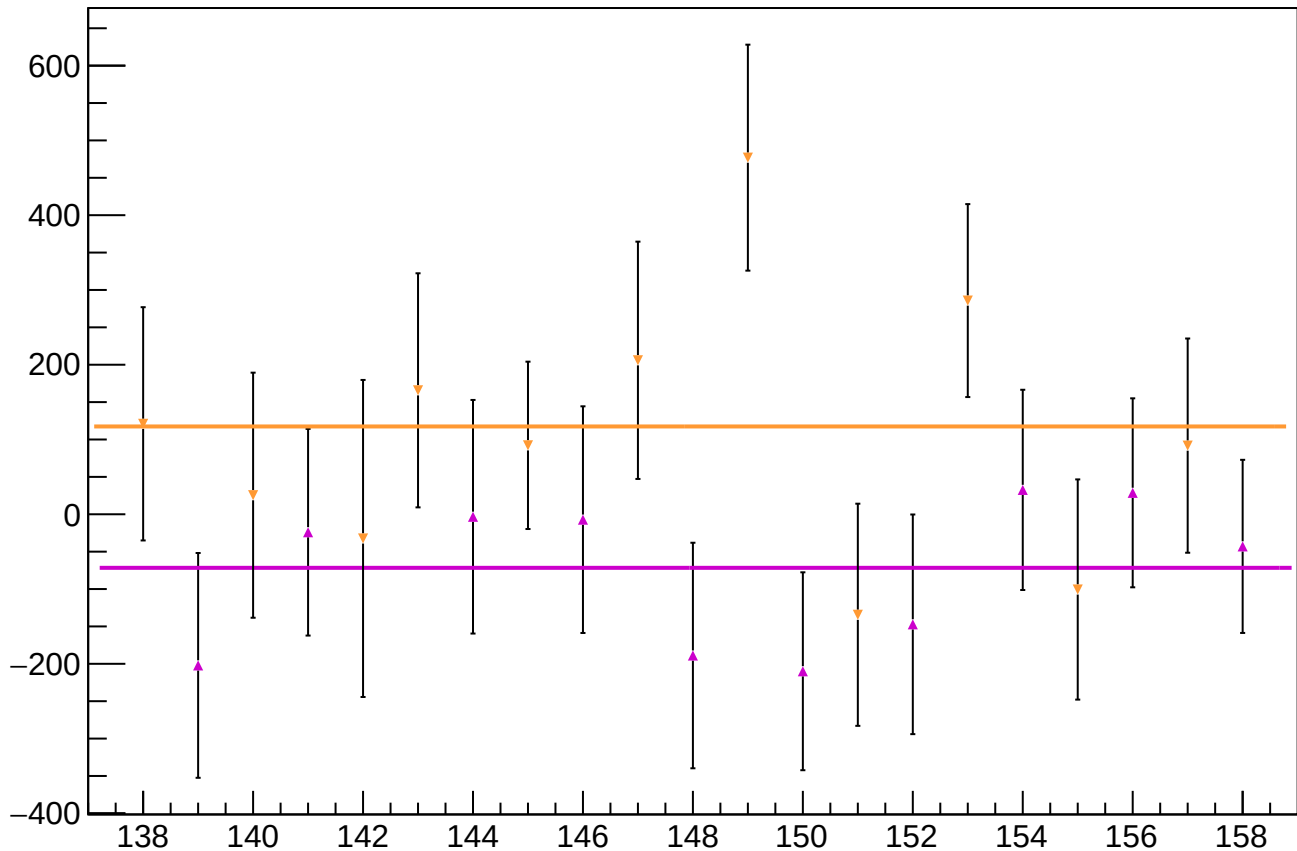
Left In: 327.243+/-0.081 χ^2/NDF : 88293.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.487+/-0.058 χ^2/NDF : 258566.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 117.435+/-44.500 χ^2/NDF : 13.7/10

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

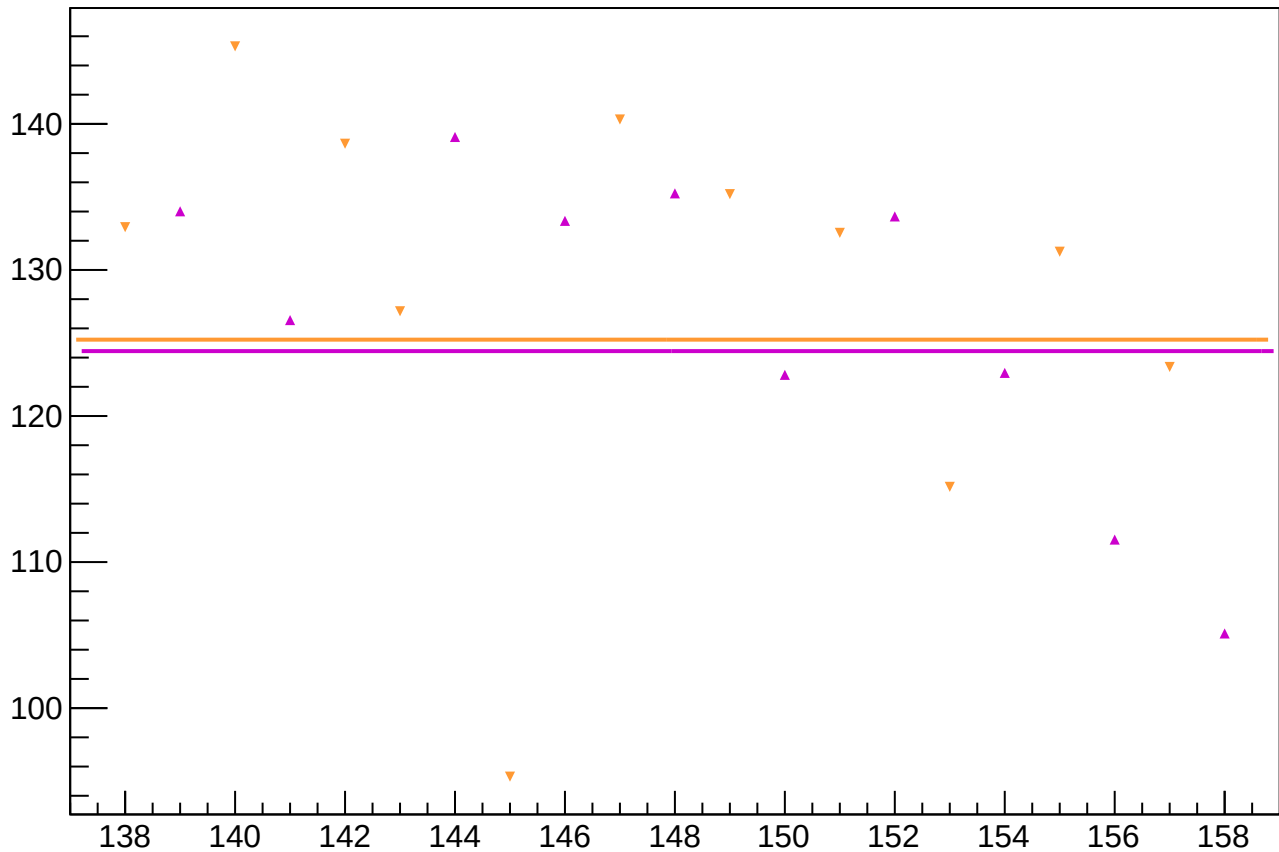
Left In: -71.629+/-43.788 χ^2/NDF : 4.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.379+/-31.212 χ^2/NDF : 27.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 125.229+/-0.031 χ^2/NDF :233652.2/10

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

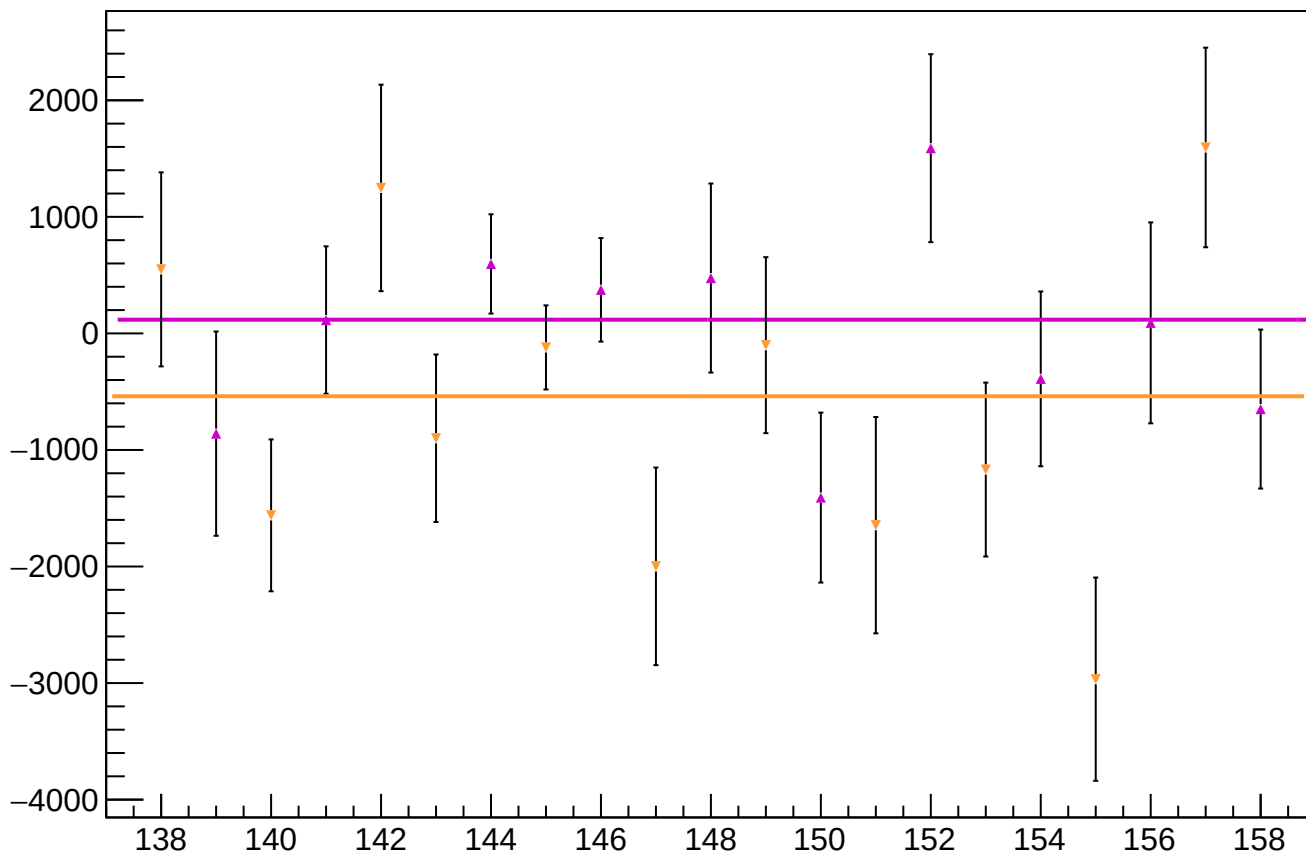
Left In: 124.444+/-0.031 χ^2/NDF :128427.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.830+/-0.022 χ^2/NDF : 362395.8/20

- 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: -538.960+/-206.384 χ^2/NDF : 29.2/10

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

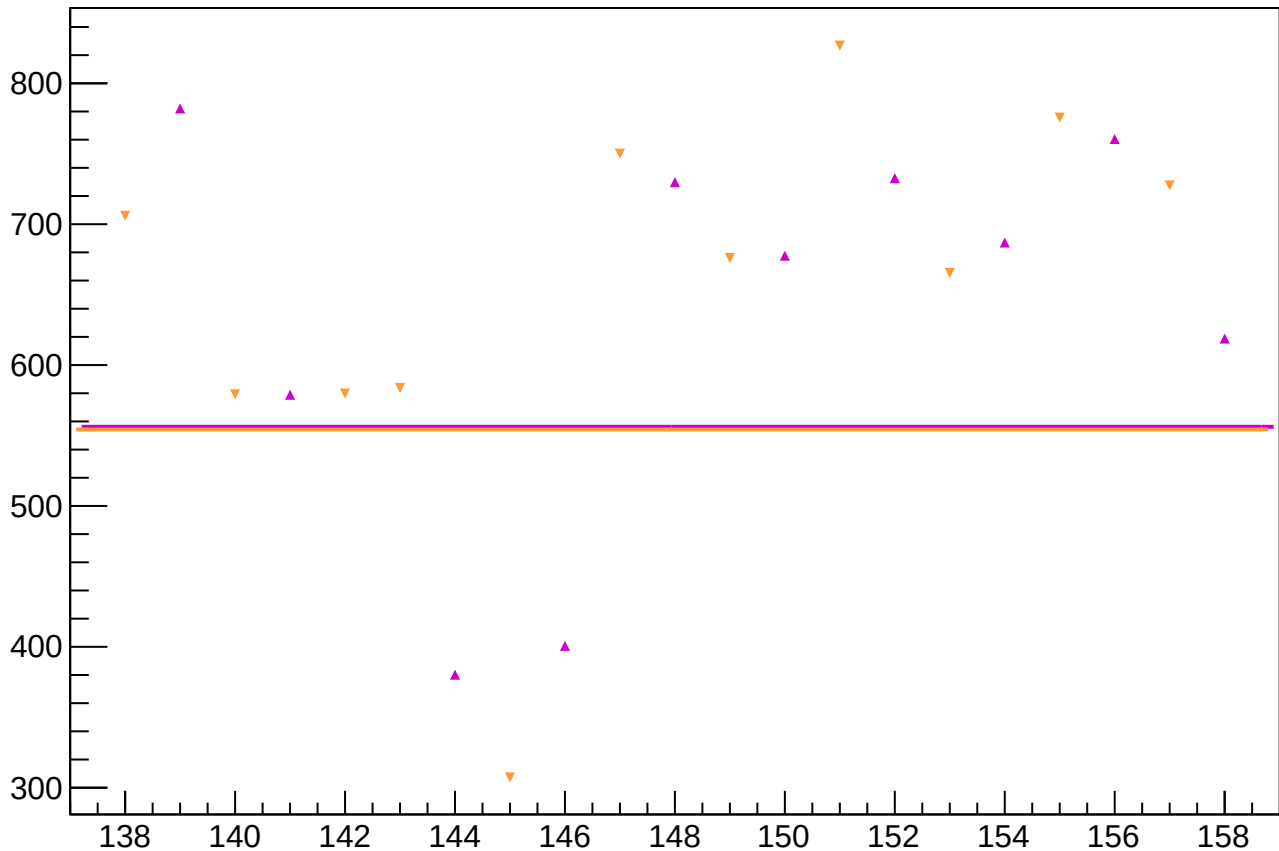
Left In: 117.726+/-201.642 χ^2/NDF : 12.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.986+/-144.230 χ^2/NDF : 46.9/20

- 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: 554.225+/-0.146 χ^2/NDF :1598230.7/10

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

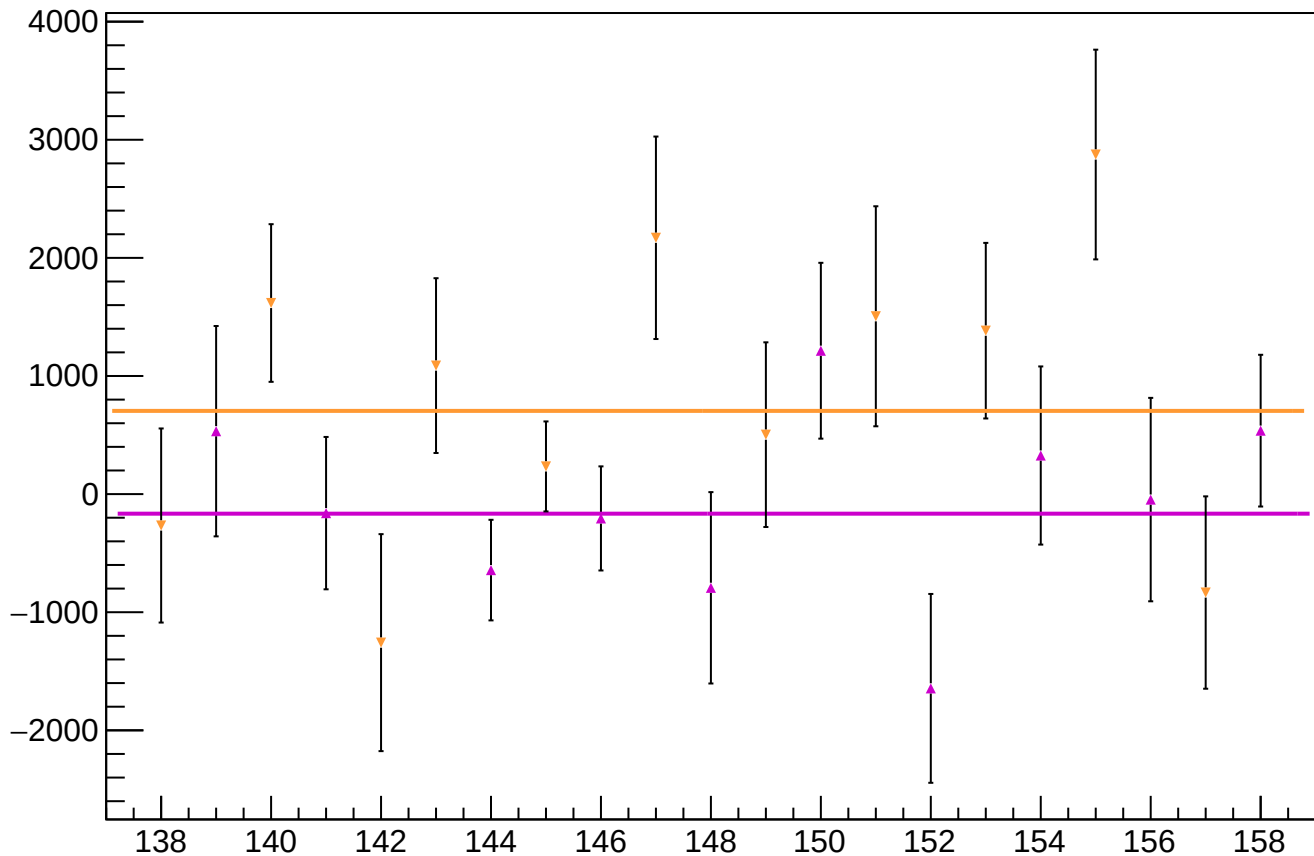
Left In: 556.185+/-0.143 χ^2/NDF :1155111.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.228+/-0.102 χ^2/NDF : 2753434.6/20

- 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: 704.494+/-211.426 χ^2/NDF : 23.7/10

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

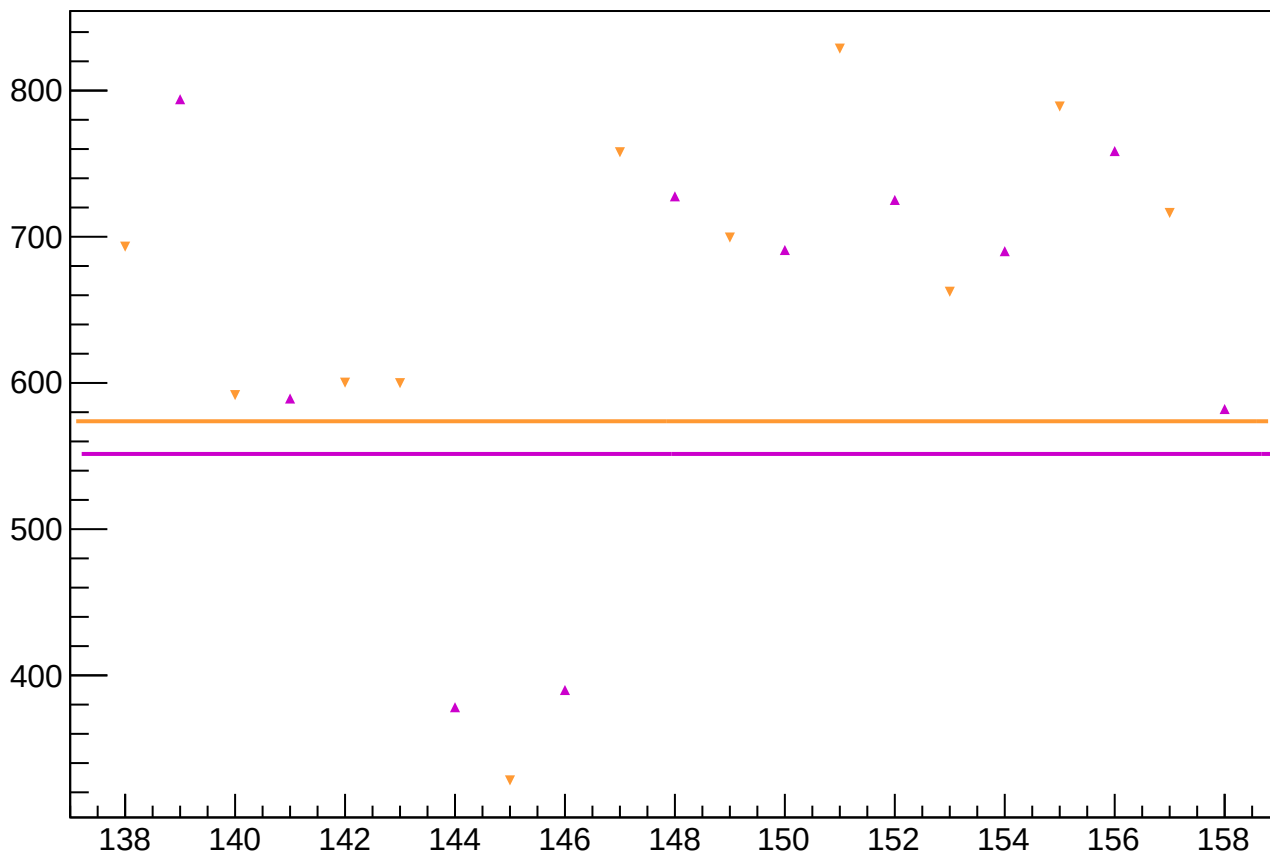
Left In: -165.756+/-200.989 χ^2/NDF : 11.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.360+/-145.671 χ^2/NDF : 43.6/20

- 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: 573.806+/-0.150 χ^2/NDF :1380929.0/10

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

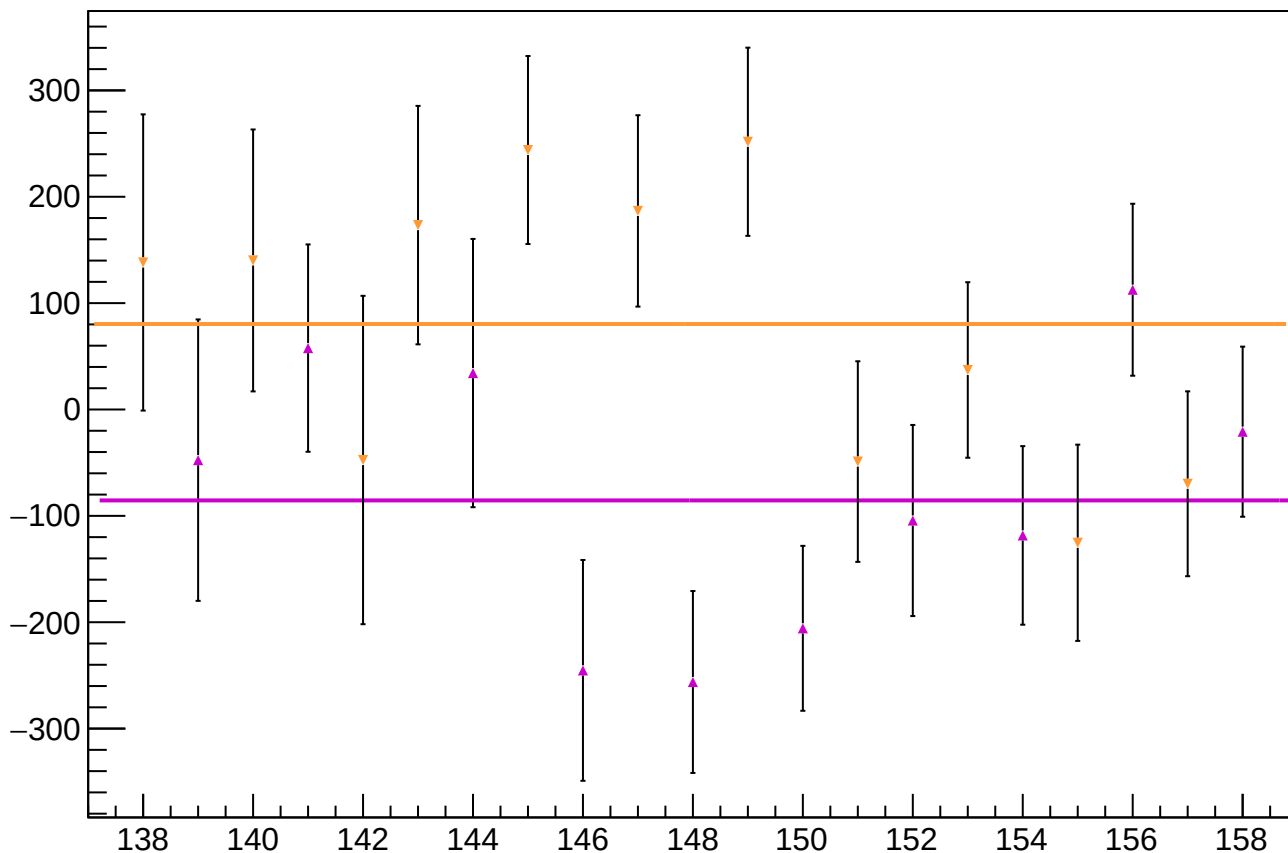
Left In: 551.447+/-0.142 χ^2/NDF :1202338.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.061+/-0.103 χ^2/NDF : 2595017.8/20

- 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: 80.363 $\pm$ 29.779 χ^2 /NDF:20.5/10

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

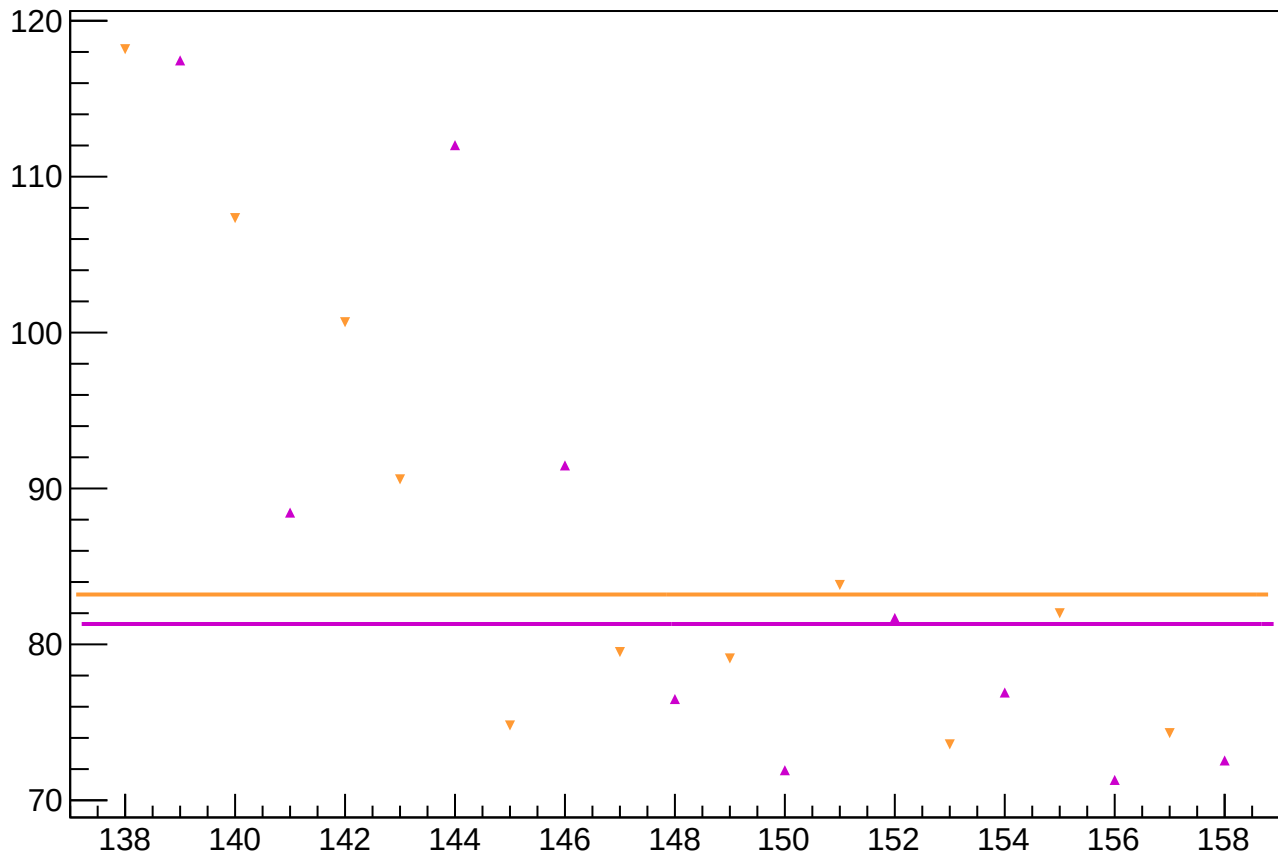
Left In: -85.486 $\pm$ 28.910 χ^2 /NDF:18.8/9

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

All: -5.017 $\pm$ 20.743 χ^2 /NDF: 55.2/20

- 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: 83.199+/-0.021 χ^2/NDF :311613.5/10

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

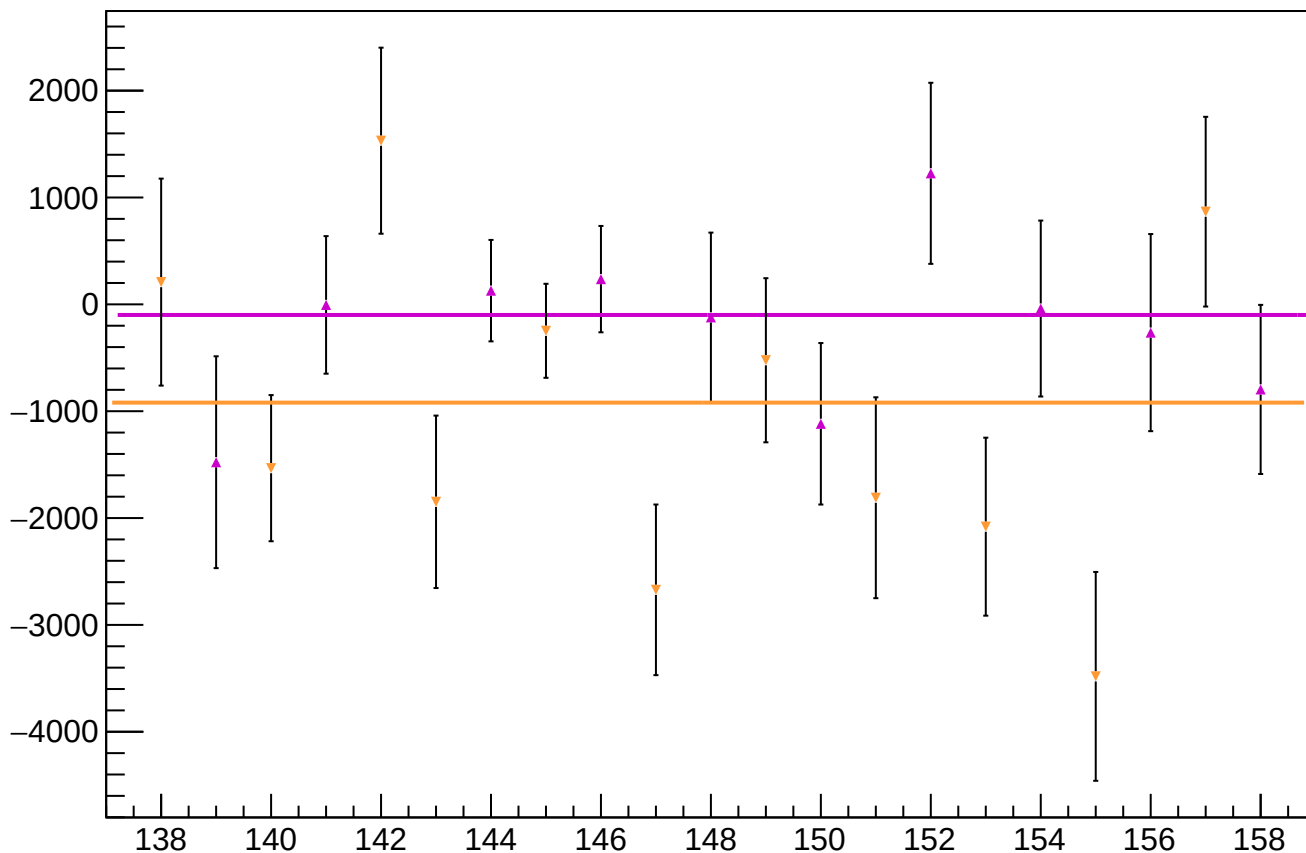
Left In: 81.307+/-0.020 χ^2/NDF :393658.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.225+/-0.015 χ^2/NDF : 709426.3/20

- 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: -919.698+/-227.157 χ^2/NDF :32.6/10

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

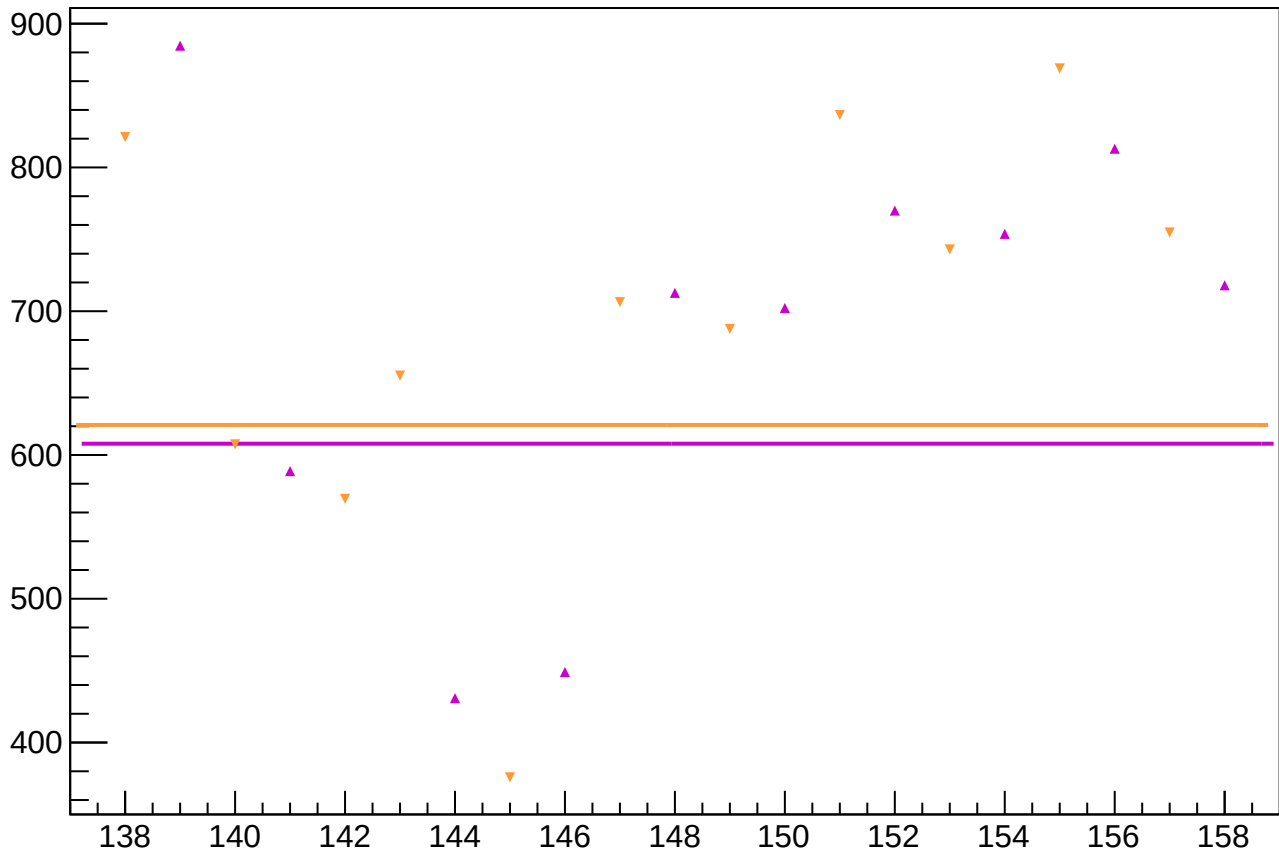
Left In: -99.376+/-218.794 χ^2/NDF :7.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.157+/-157.584 χ^2/NDF : 47.1/20

- 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: 620.880+/-0.161 χ^2/NDF :1078187.9/10

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

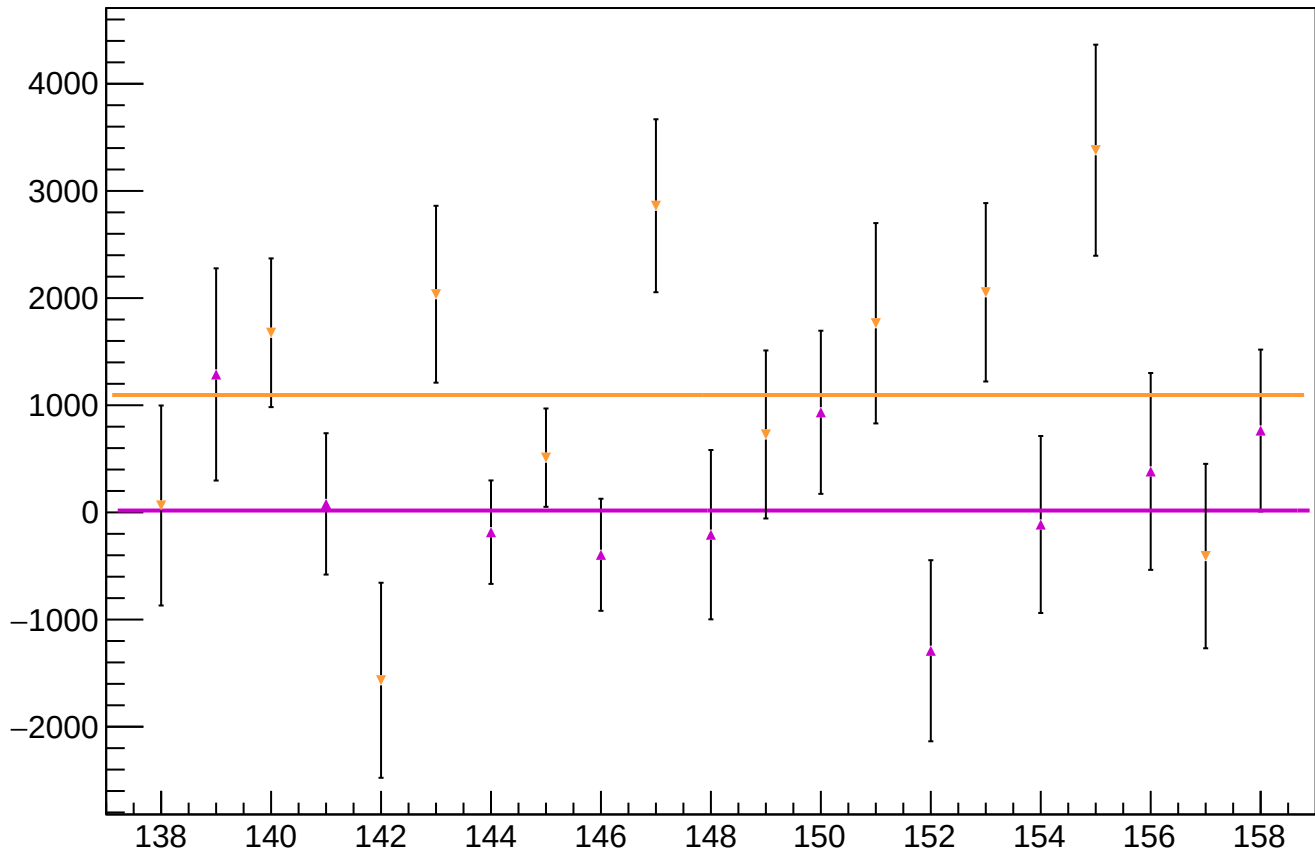
Left In: 607.845+/-0.155 χ^2/NDF :979447.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.118+/-0.111 χ^2/NDF : 2061052.1/20

- 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: 1095.595+/-230.749 χ^2/NDF : 28.7/10

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

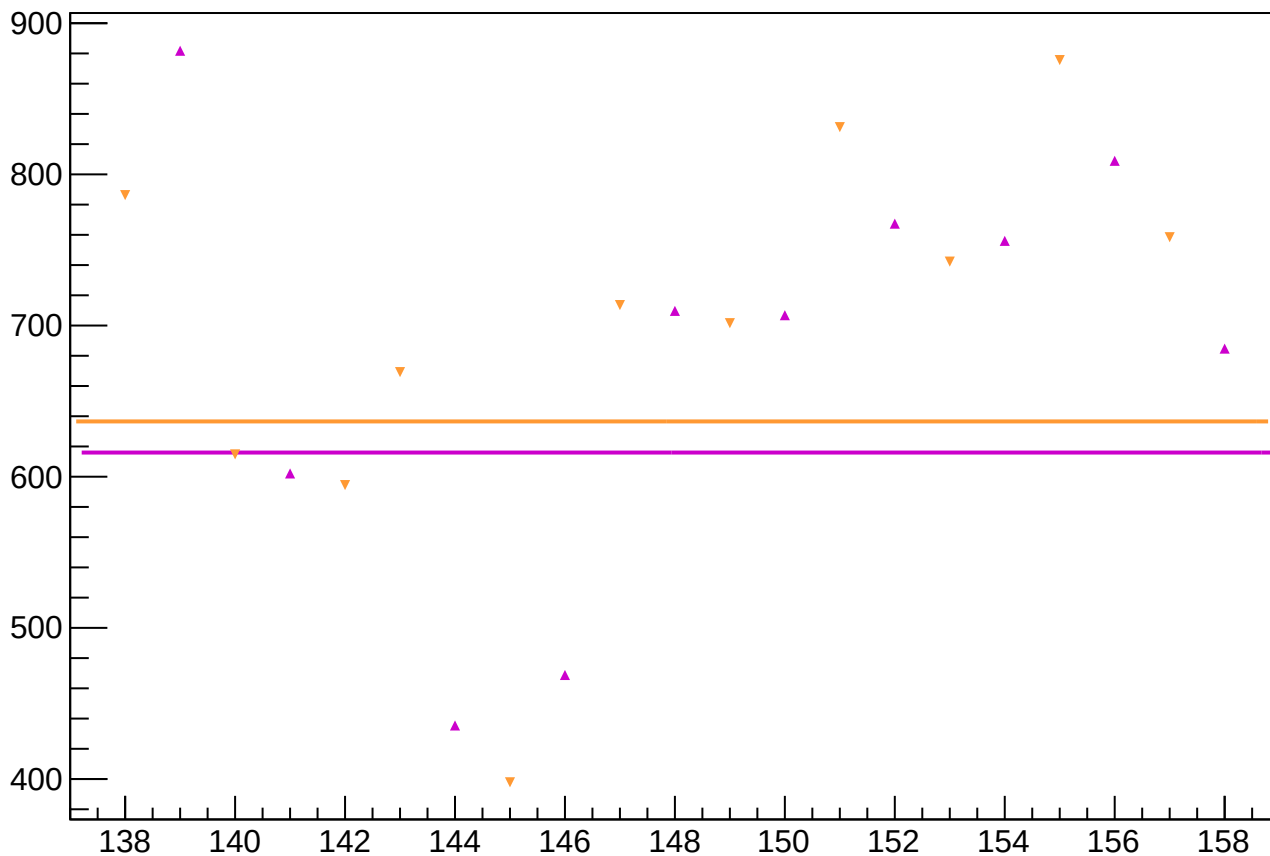
Left In: 17.539+/-221.395 χ^2/NDF : 7.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.274+/-159.755 χ^2/NDF : 47.6/20

- 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: 636.572+/-0.163 χ^2/NDF : 911068.5/10

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

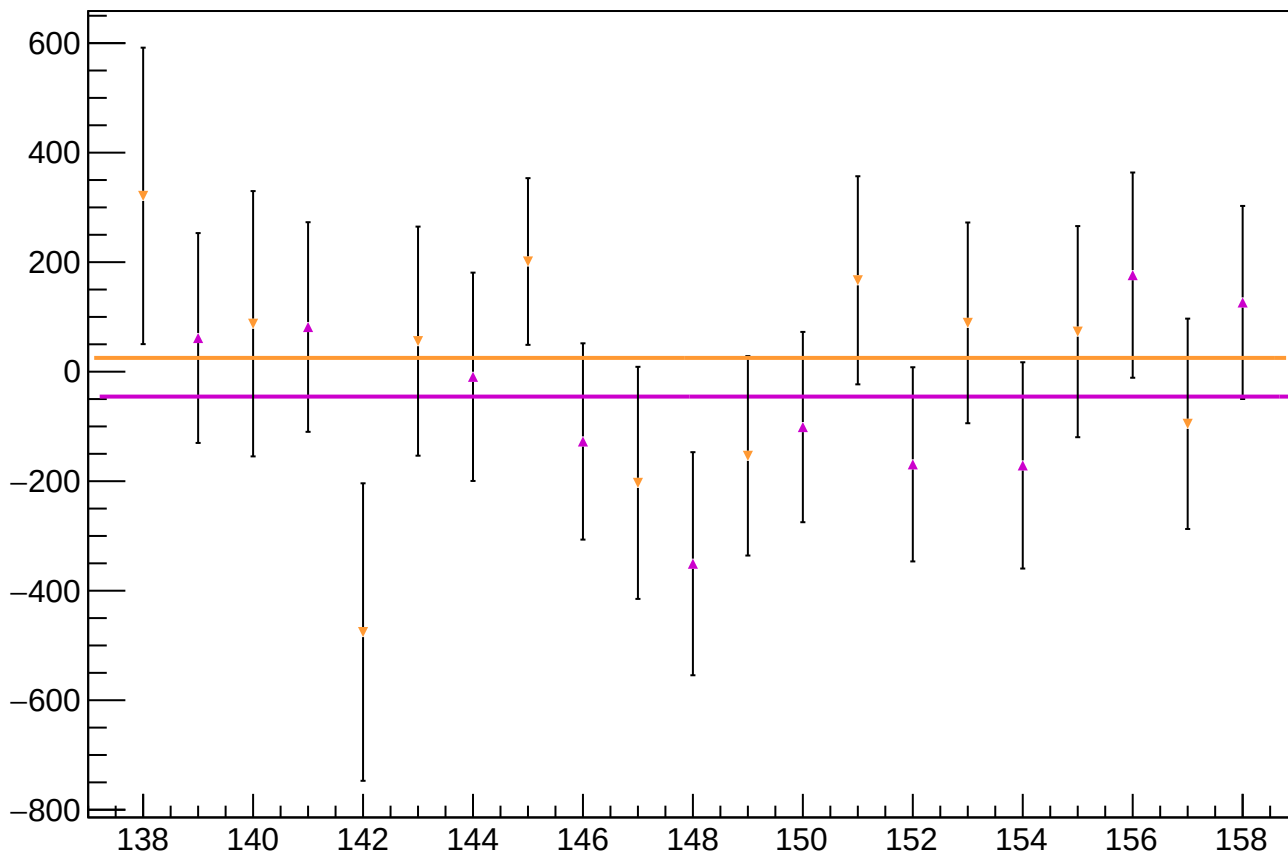
Left In: 615.978+/-0.157 χ^2/NDF : 866459.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.849+/-0.113 χ^2/NDF : 1785822.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 25.155+/-60.397 χ^2/NDF : 9.3/10

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

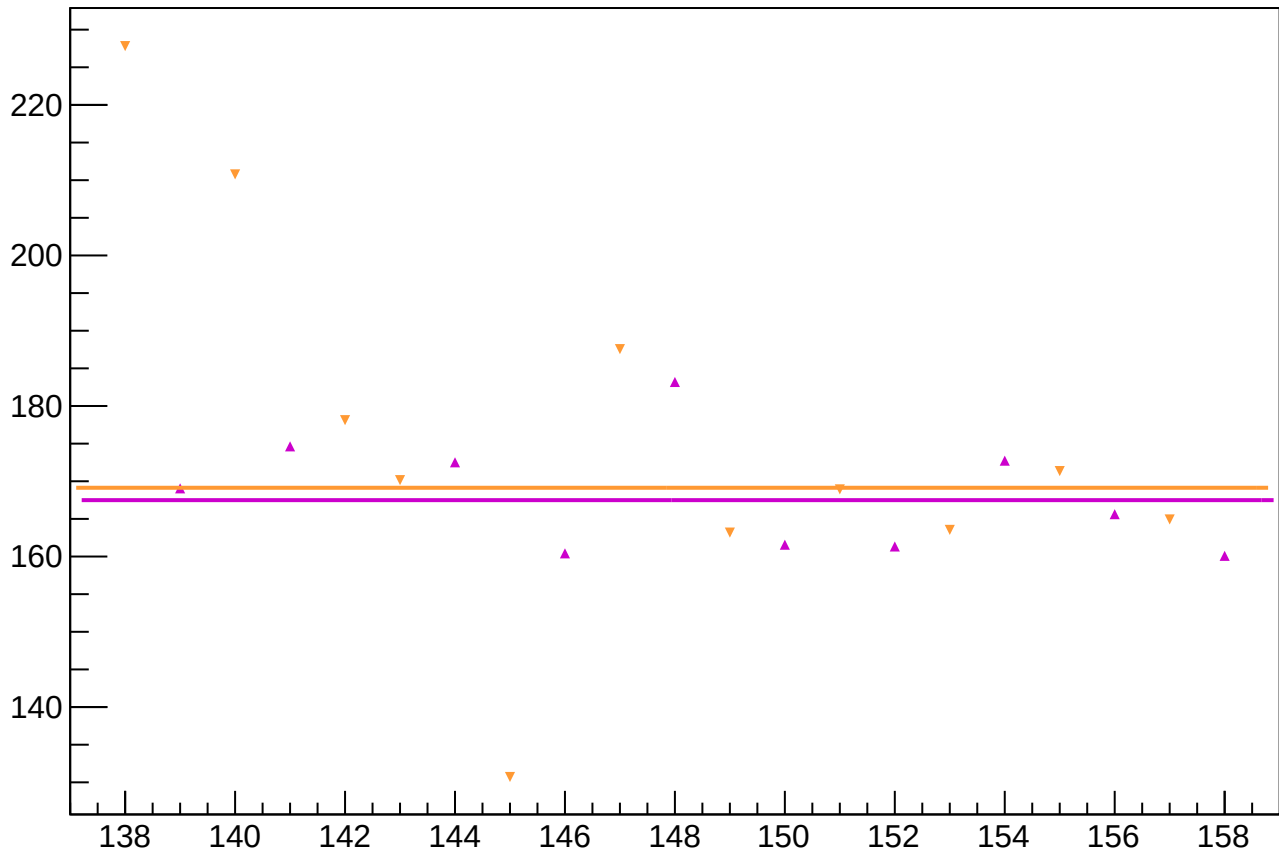
Left In: -45.486+/-58.606 χ^2/NDF : 6.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.228+/-42.060 χ^2/NDF : 16.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 169.137+/-0.043 χ^2/NDF : 303061.5/10

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

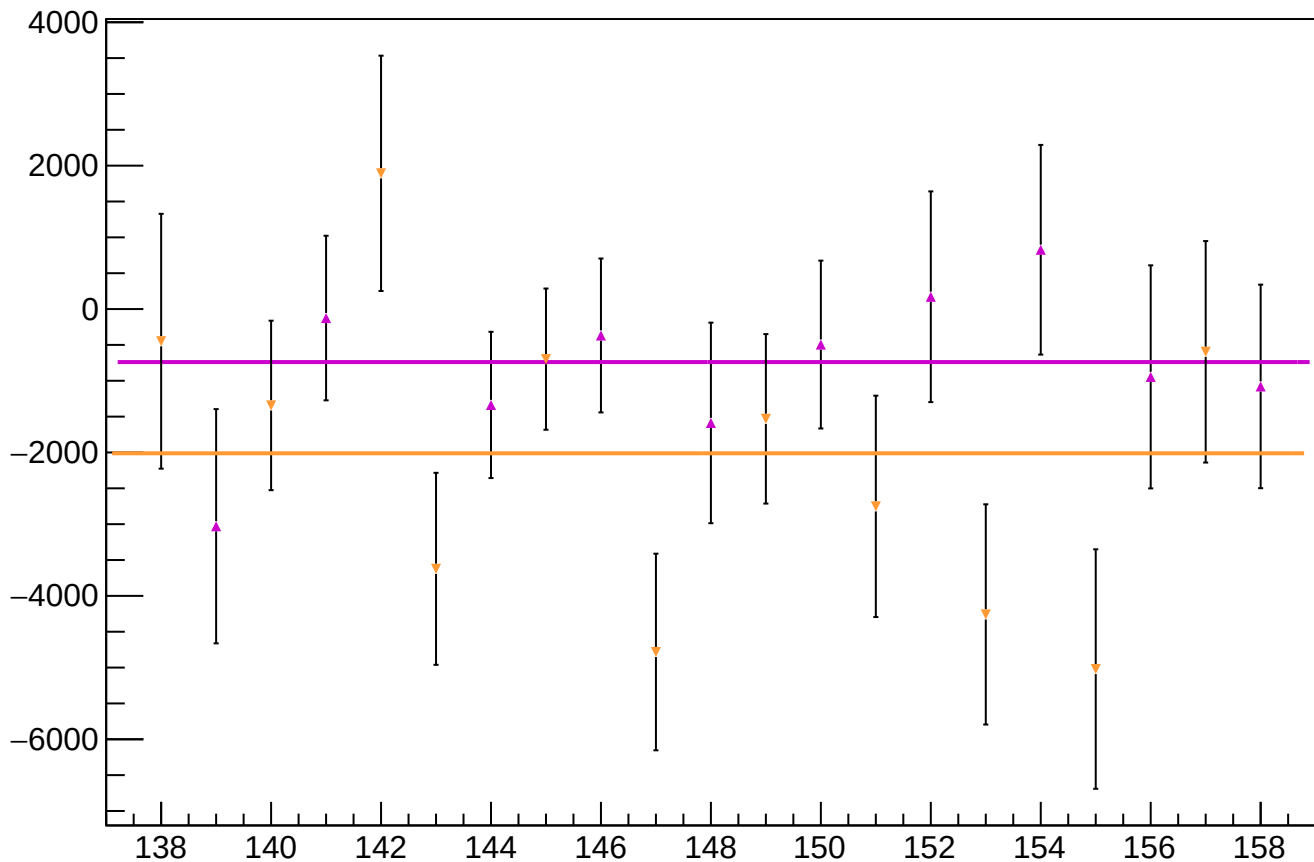
Left In: 167.492+/-0.041 χ^2/NDF : 29312.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.289+/-0.030 χ^2/NDF : 333137.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -2011.693+/-412.992 χ^2/NDF : 20.7/10

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

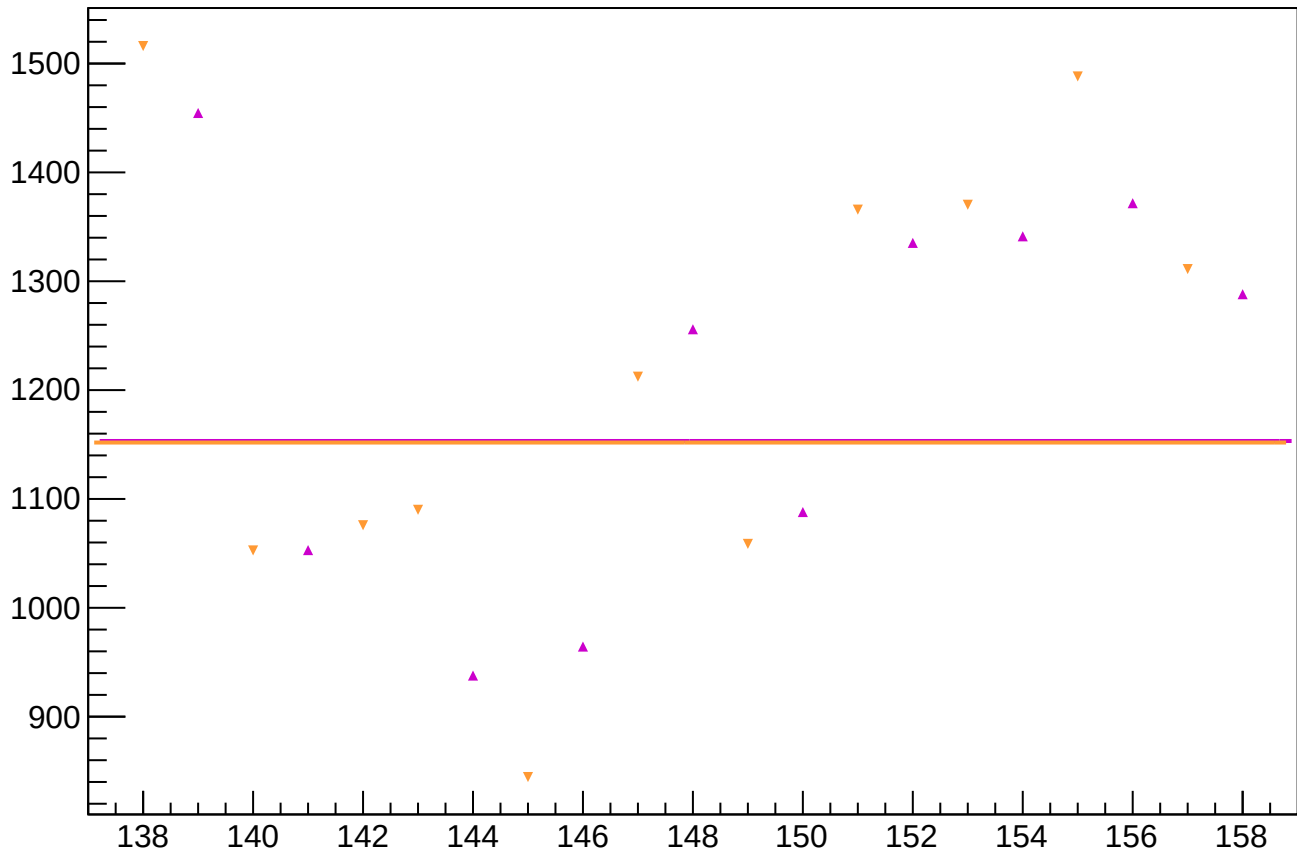
Left In: -739.258+/-406.726 χ^2/NDF : 4.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1365.749+/-289.789 χ^2/NDF : 30.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1151.831+/-0.292 χ^2/NDF : 499015.1/10

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

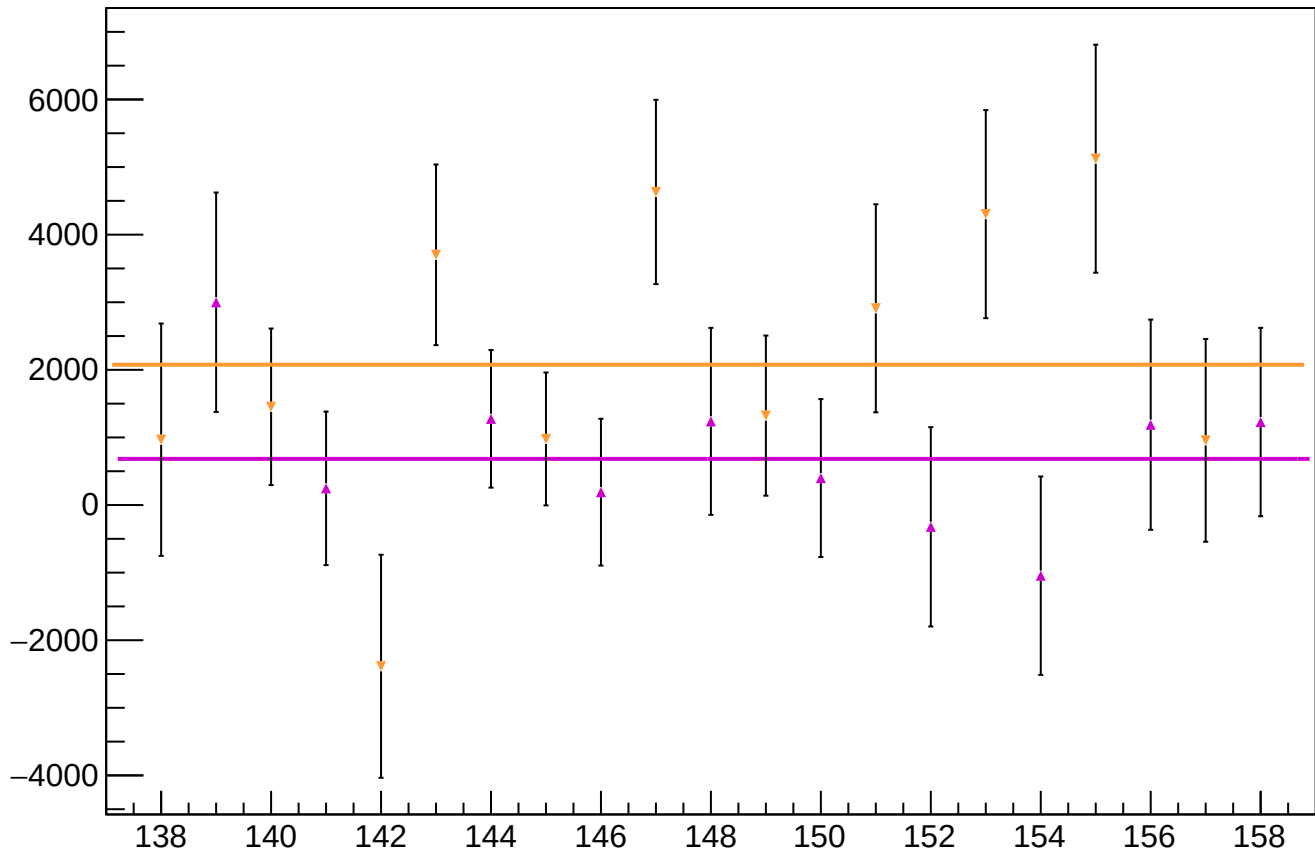
Left In: 1153.251+/-0.288 χ^2/NDF : 372769.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1152.552+/-0.205 χ^2/NDF : 871796.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 2075.784 $\pm$ 410.359 χ^2 /NDF:20.9/10

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

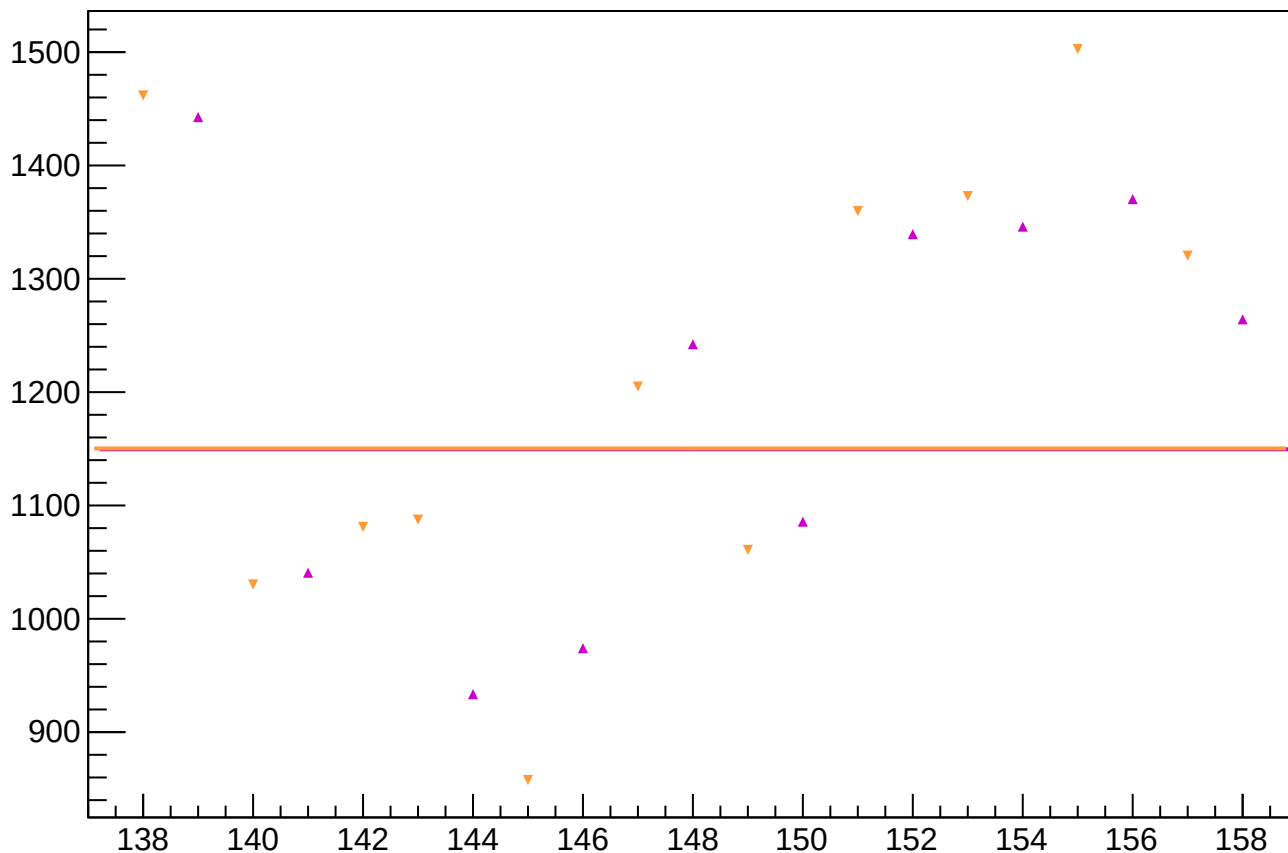
Left In: 683.052 $\pm$ 405.674 χ^2 /NDF:5.1/9

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

All: 1371.424 $\pm$ 288.497 χ^2 /NDF: 31.8/20

- sign 0.000 $\pm$ 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: 1150.311+/-0.290 χ^2/NDF : 478877.0/10

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

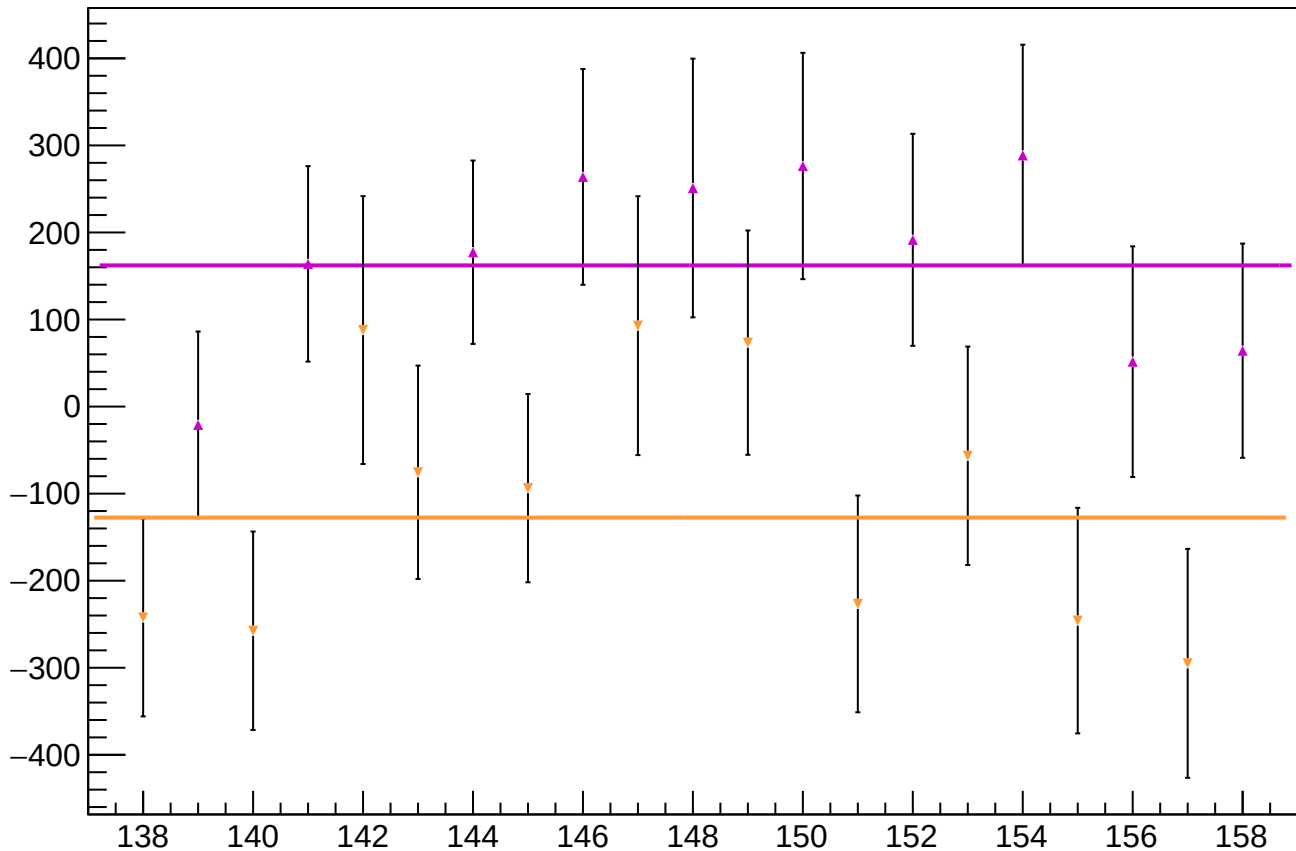
Left In: 1149.574+/-0.287 χ^2/NDF : 363772.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1149.938+/-0.204 χ^2/NDF : 842652.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -127.485+/-37.802 χ^2/NDF : 12.6/10

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

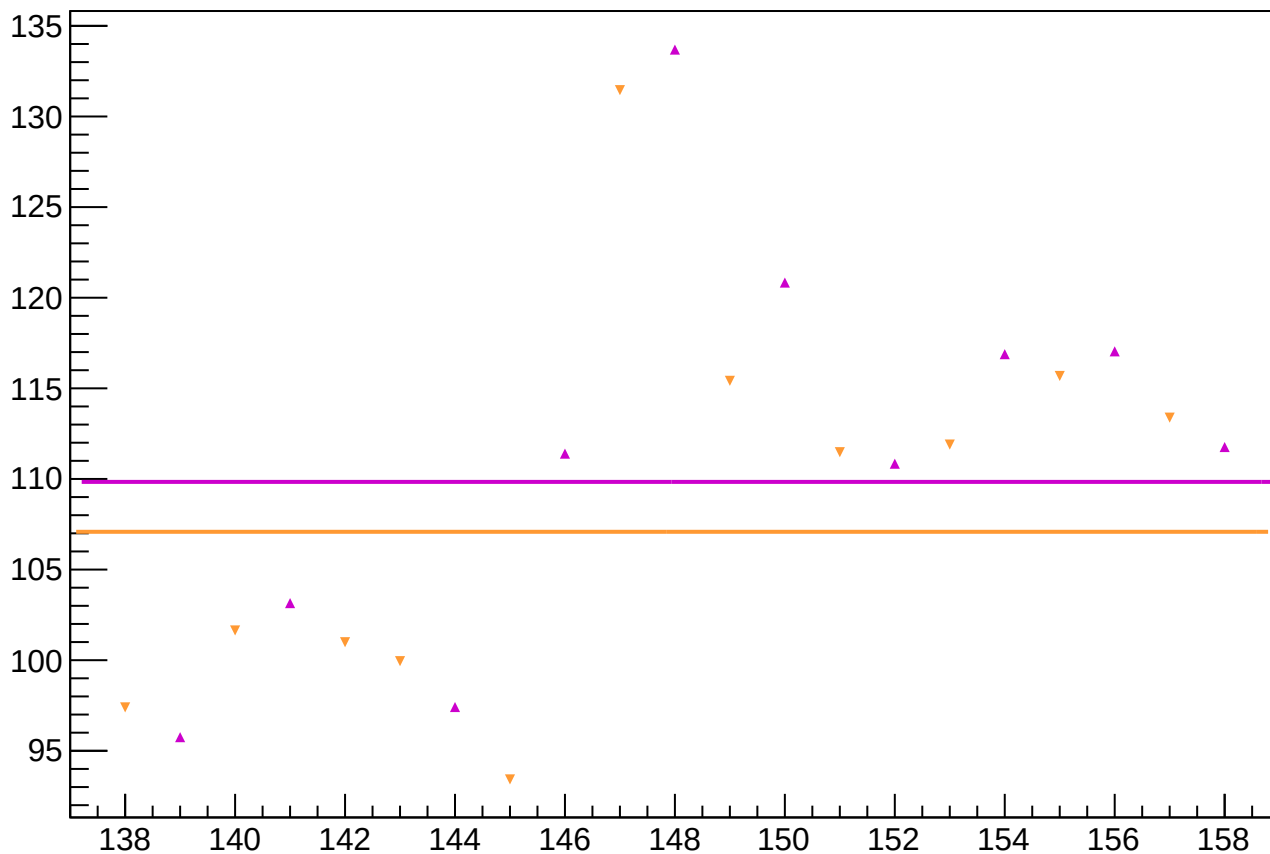
Left In: 162.183+/-38.397 χ^2/NDF : 7.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.088+/-26.938 χ^2/NDF : 48.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 107.085+/-0.027 χ^2/NDF : 141885.3/10

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

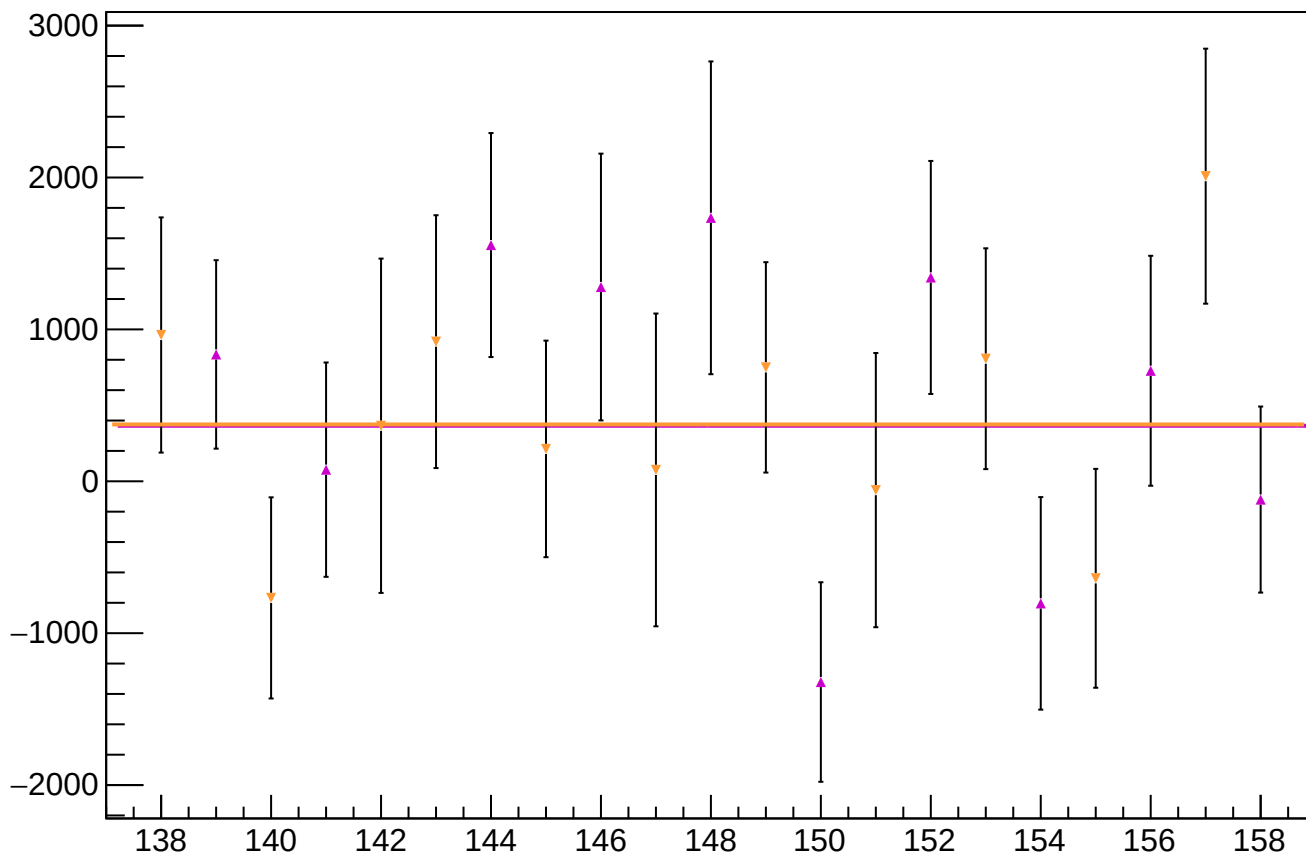
Left In: 109.838+/-0.027 χ^2/NDF : 148301.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.440+/-0.019 χ^2/NDF : 295408.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 374.137+/-237.829 χ^2/NDF : 10.8/10

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

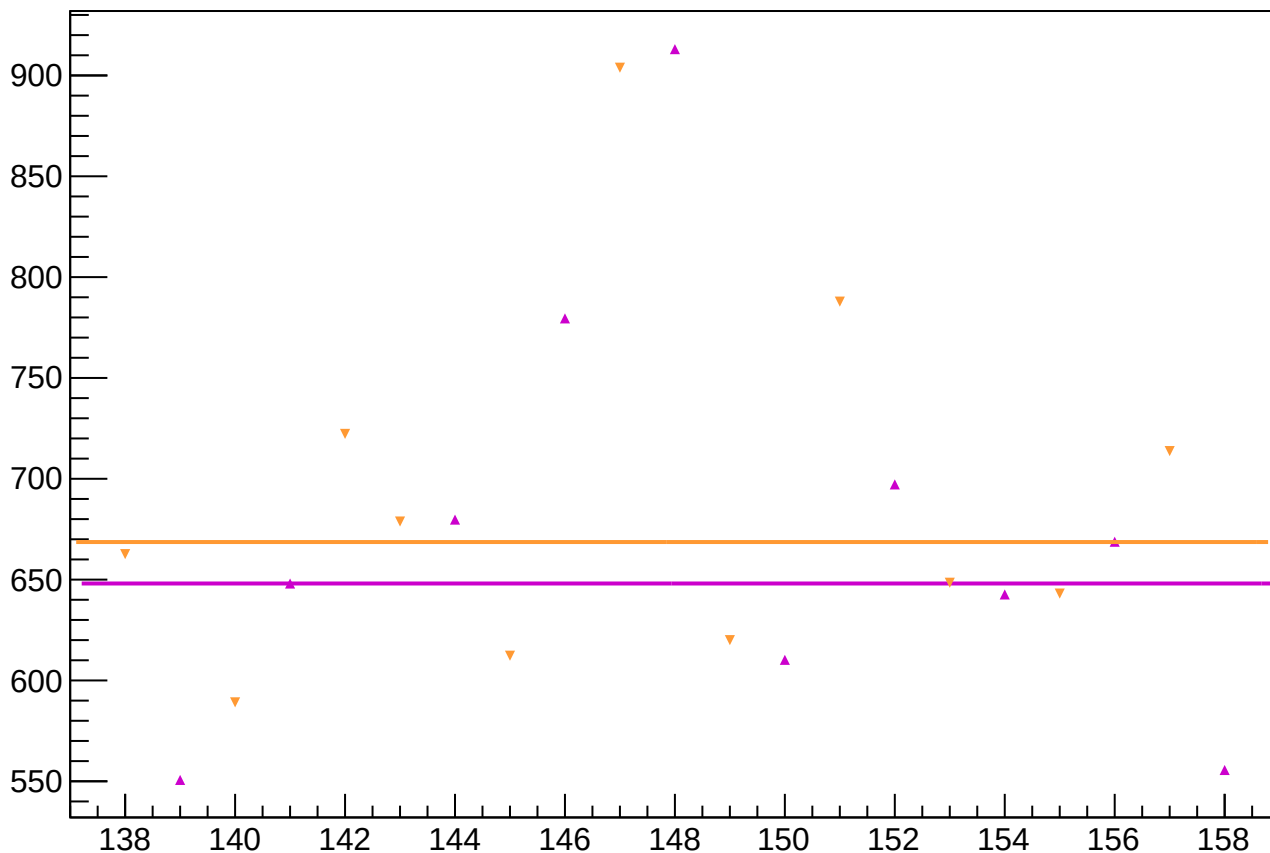
Left In: 365.659+/-228.468 χ^2/NDF : 18.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.728+/-164.761 χ^2/NDF : 28.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 668.635+/-0.168 χ^2/NDF : 205449.0/10

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

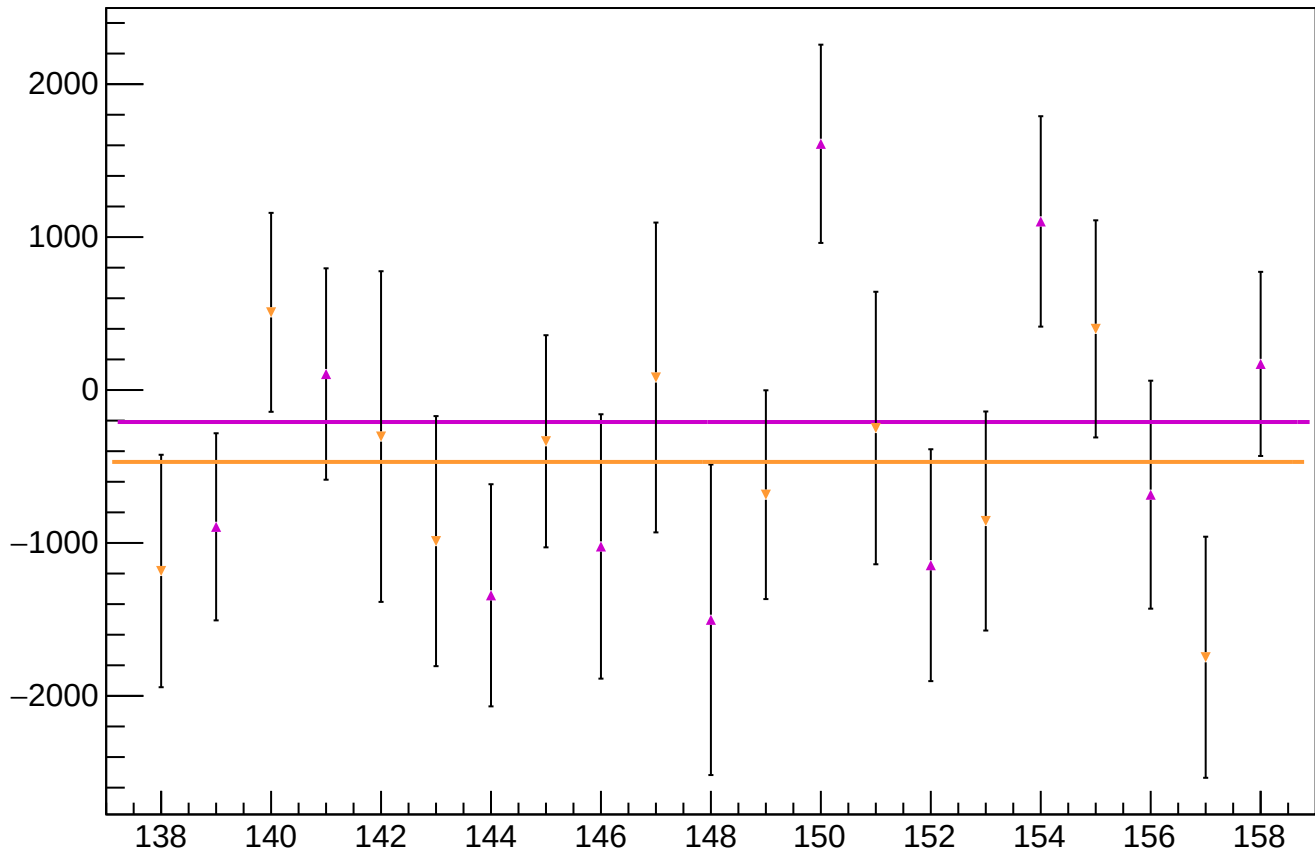
Left In: 648.077+/-0.162 χ^2/NDF : 292339.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.944+/-0.117 χ^2/NDF : 505559.8/20

- 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: -470.158+/-232.810 χ^2/NDF : 8.5/10

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

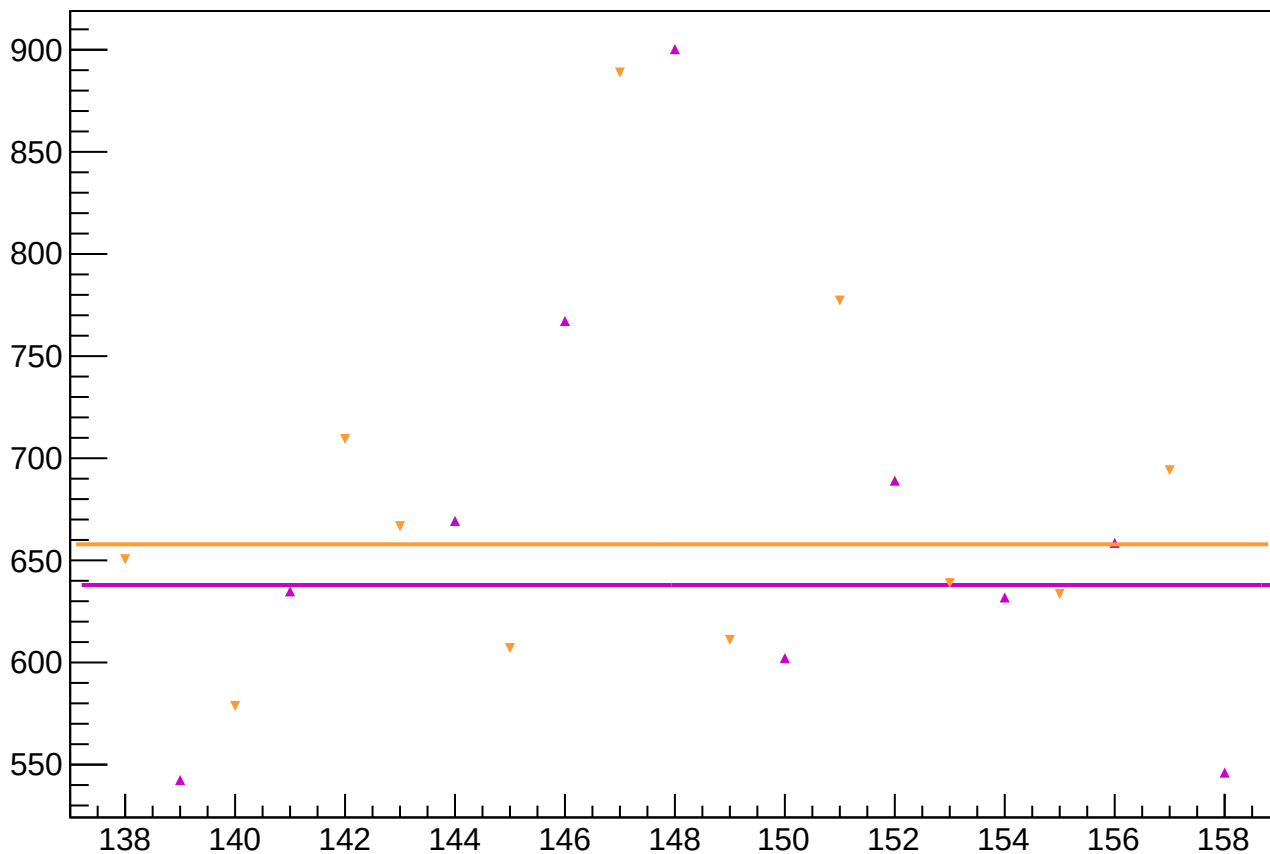
Left In: -209.205+/-224.945 χ^2/NDF : 20.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.199+/-161.769 χ^2/NDF : 29.4/20

- 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: 657.862+/-0.165 χ^2/NDF : 202557.9/10

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

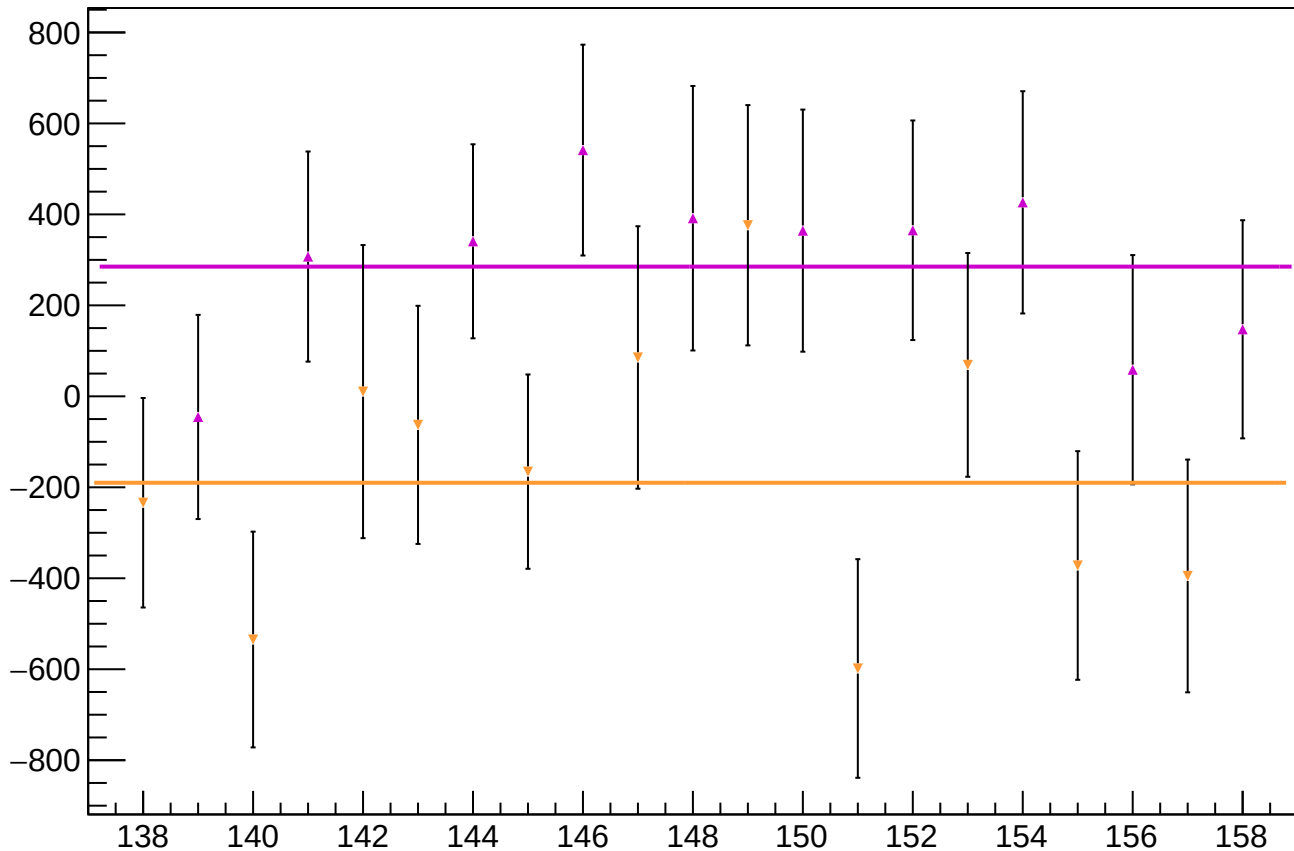
Left In: 637.945+/-0.159 χ^2/NDF : 294130.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.561+/-0.114 χ^2/NDF : 504258.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -190.046+/-75.795 χ^2/NDF :13.5/10

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

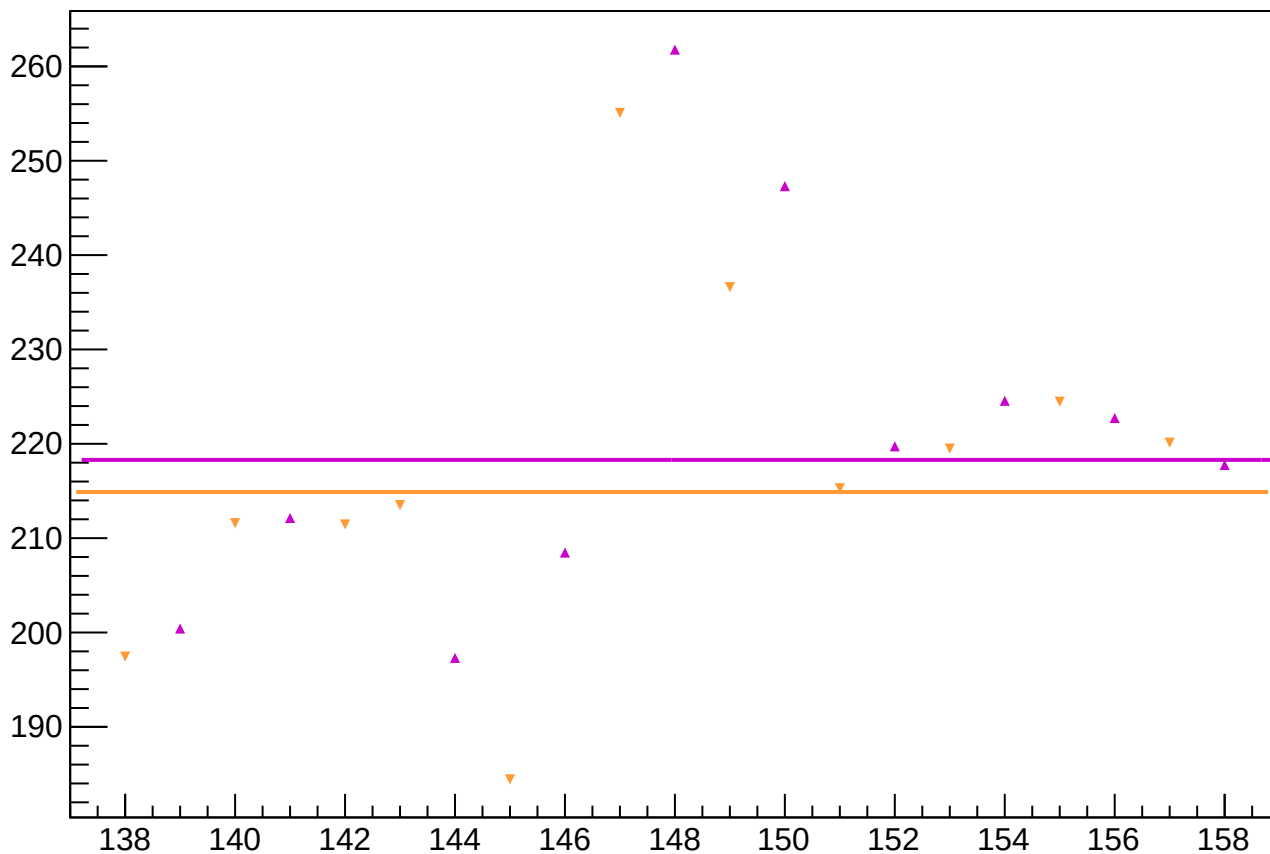
Left In: 285.157+/-76.209 χ^2/NDF :5.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.262+/-53.741 χ^2/NDF : 38.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 214.891+/-0.054 χ^2/NDF :109554.2/10

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

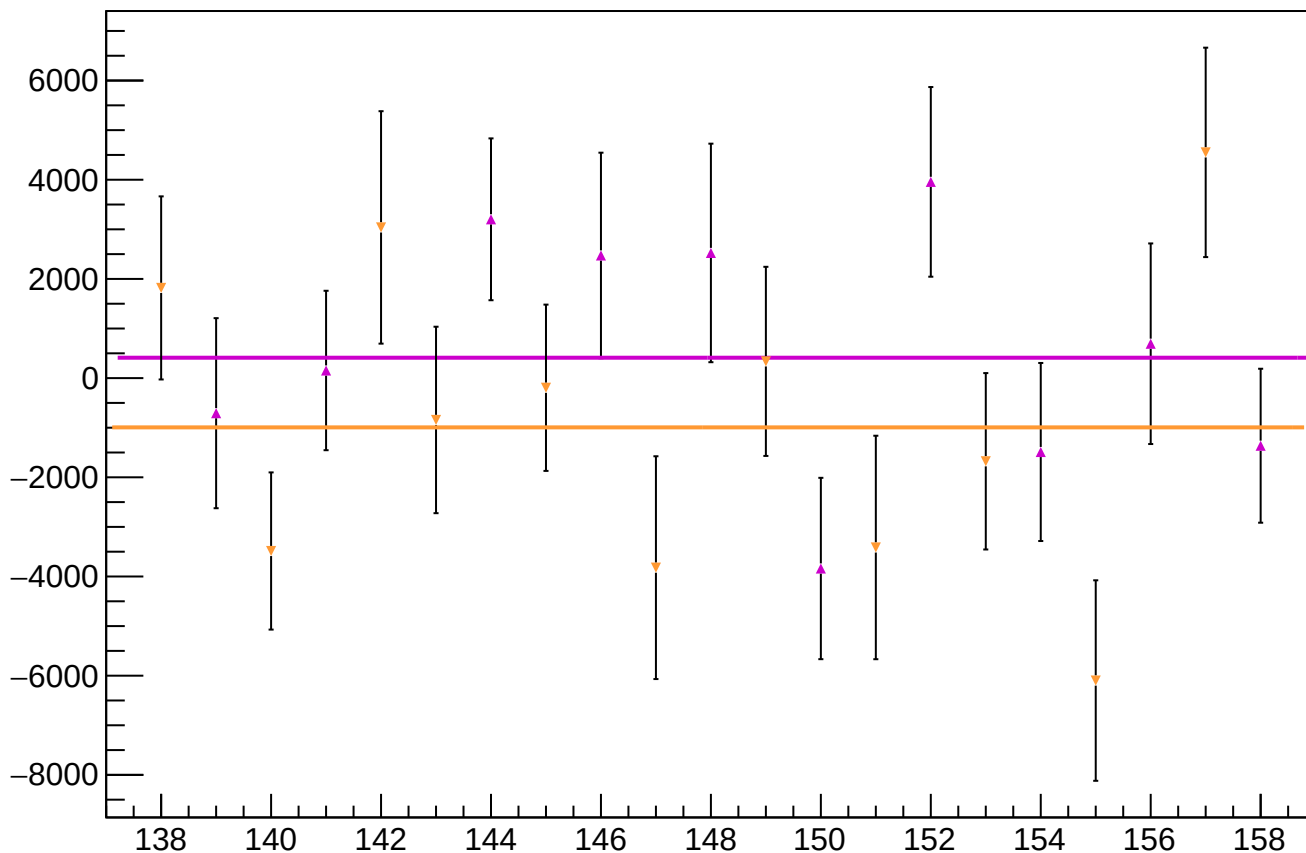
Left In: 218.295+/-0.054 χ^2/NDF :107560.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.584+/-0.038 χ^2/NDF : 219121.1/20

- 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: -993.256+/-580.440 χ^2/NDF : 24.6/10

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

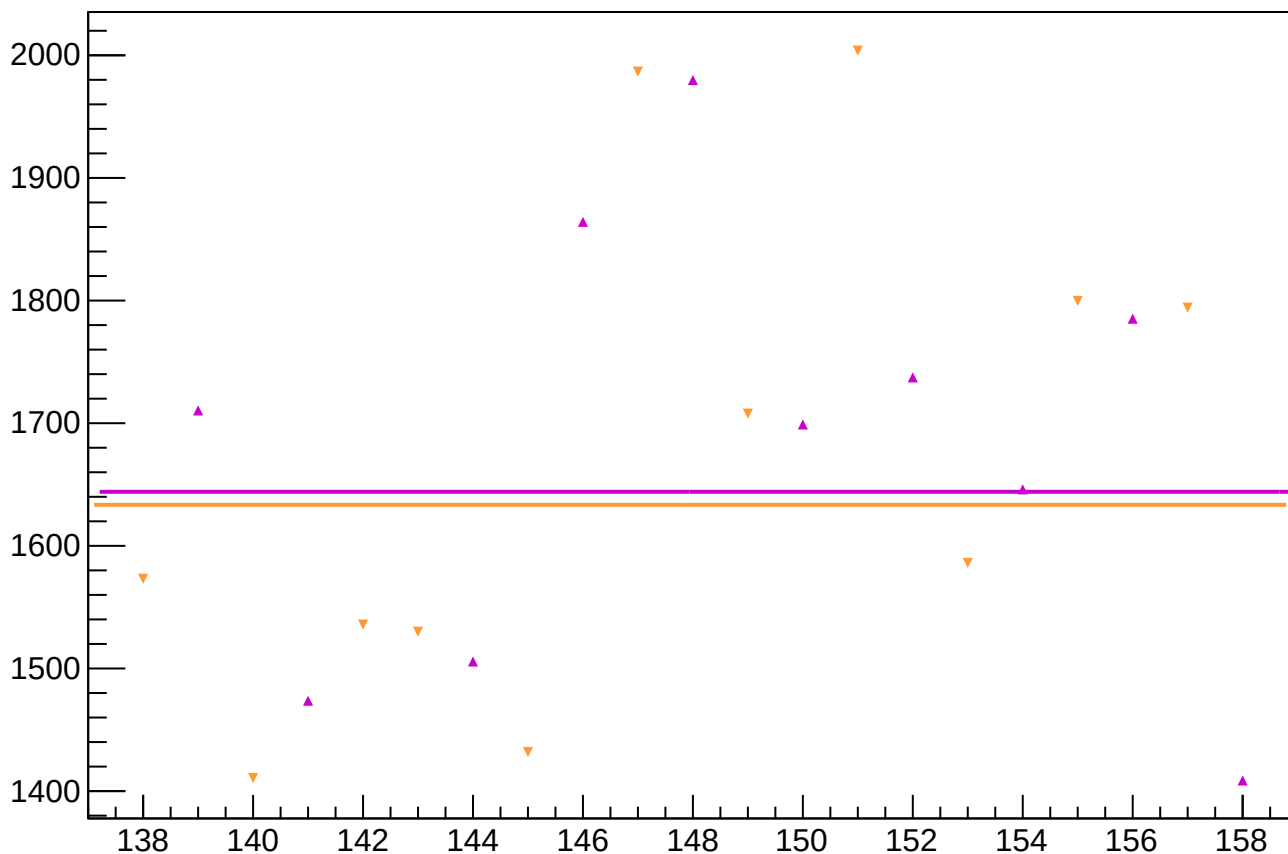
Left In: 411.222+/-575.769 χ^2/NDF : 16.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -285.343+/-408.772 χ^2/NDF : 44.1/20

- 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: 1633.461+/-0.410 χ^2/NDF :213193.8/10

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

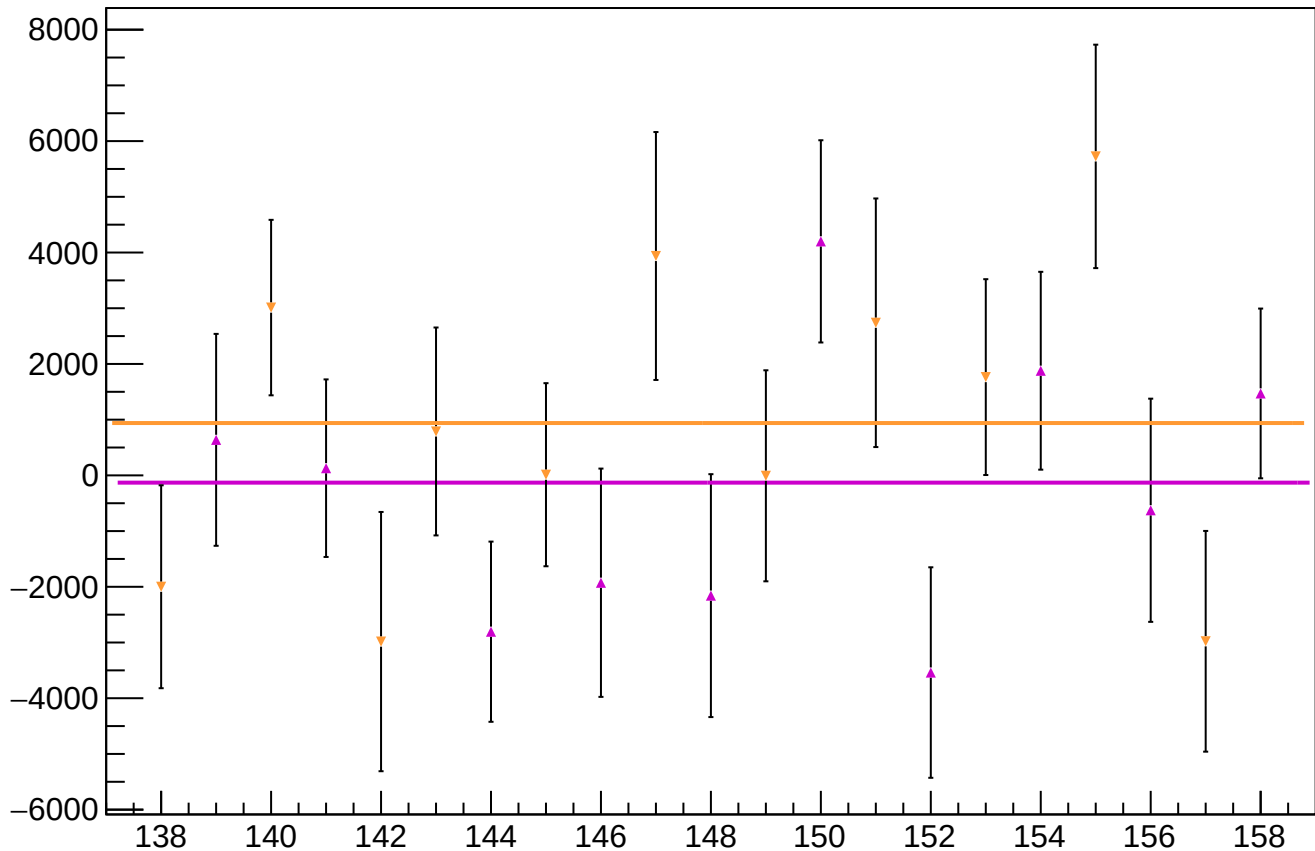
Left In: 1644.077+/-0.407 χ^2/NDF :170565.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.812+/-0.289 χ^2/NDF : 384096.3/20

- 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: 939.350+/-572.033 χ^2/NDF : 20.0/10

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

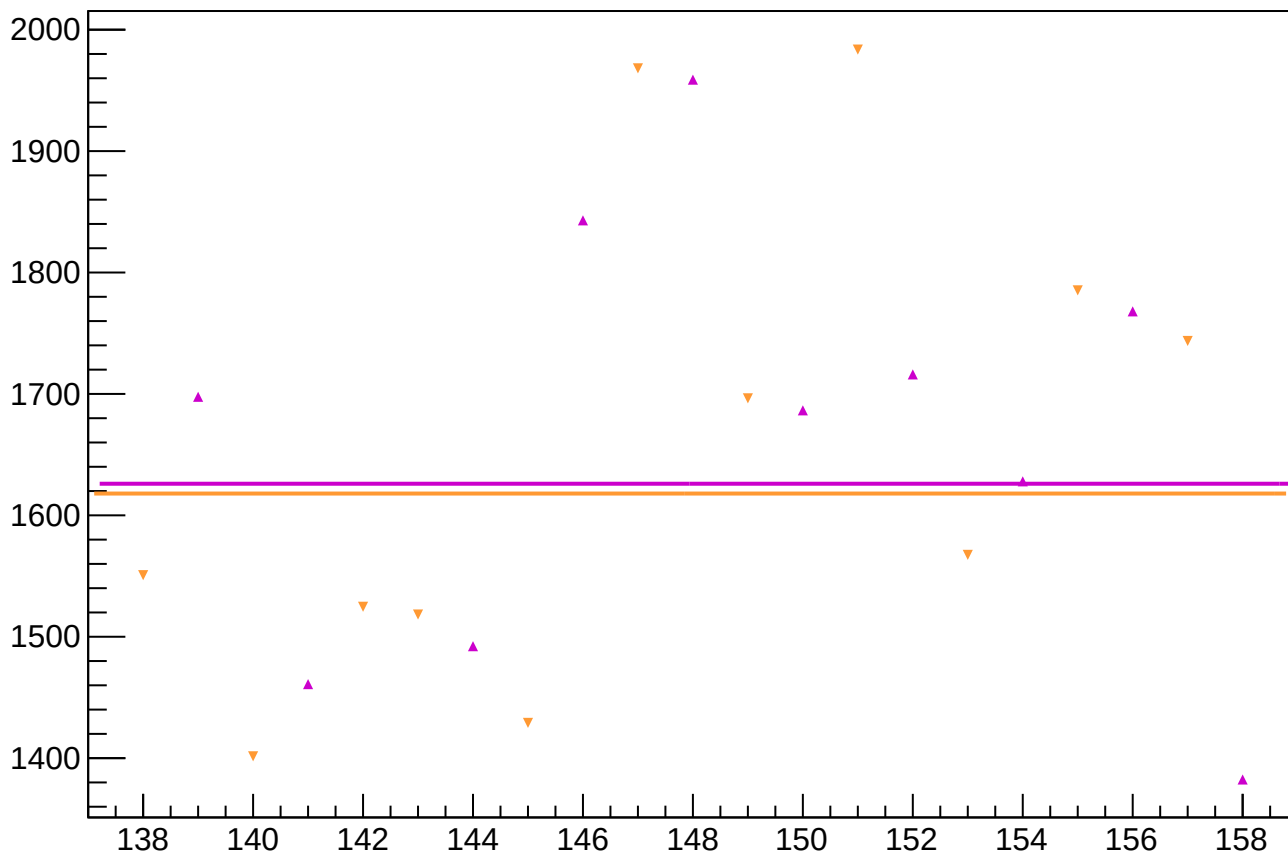
Left In: -130.480+/-569.585 χ^2/NDF : 16.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.141+/-403.620 χ^2/NDF : 37.8/20

- 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: 1617.947+/-0.404 χ^2/NDF : 206184.8/10

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

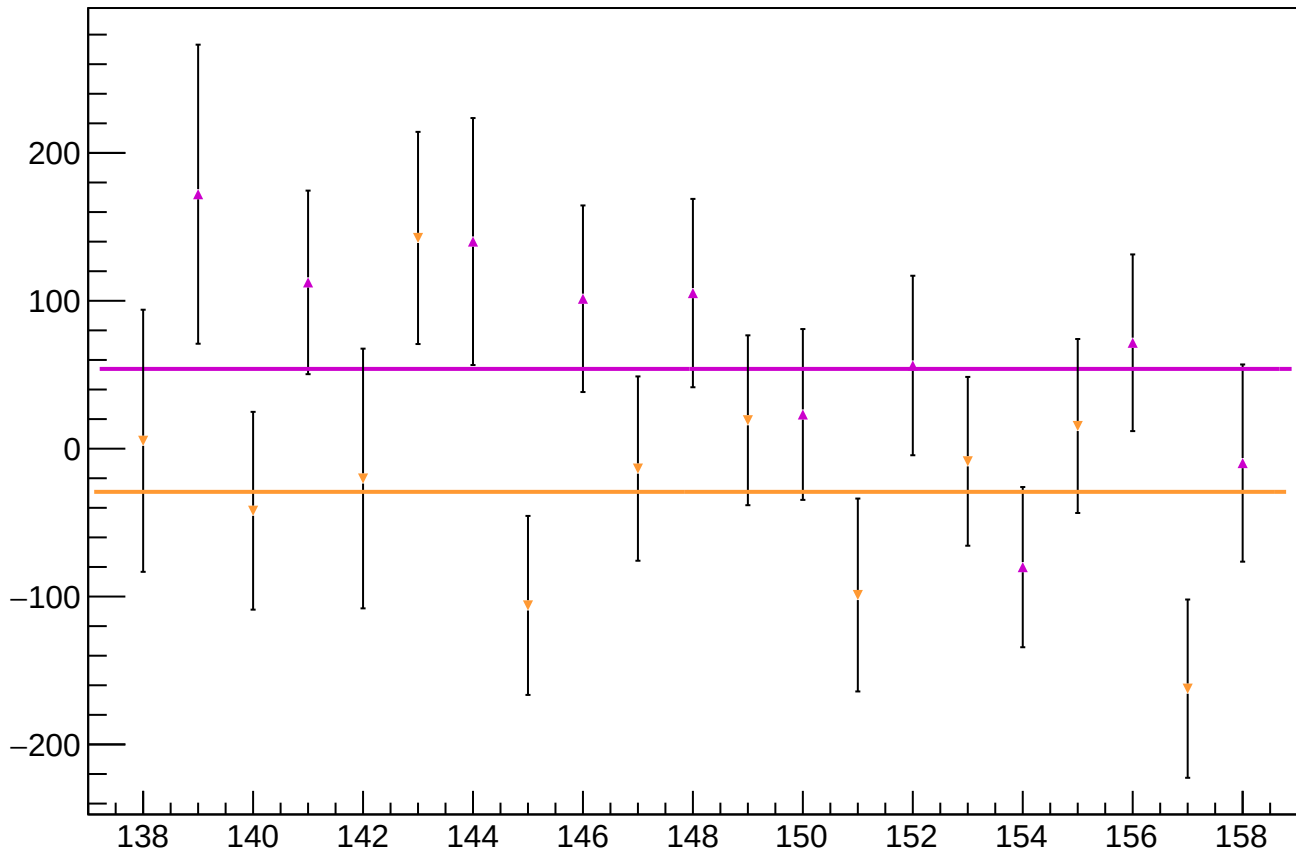
Left In: 1626.031+/-0.403 χ^2/NDF : 174975.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.007+/-0.285 χ^2/NDF : 381360.8/20

- 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: -29.194+/-19.557 χ^2/NDF : 15.0/10

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

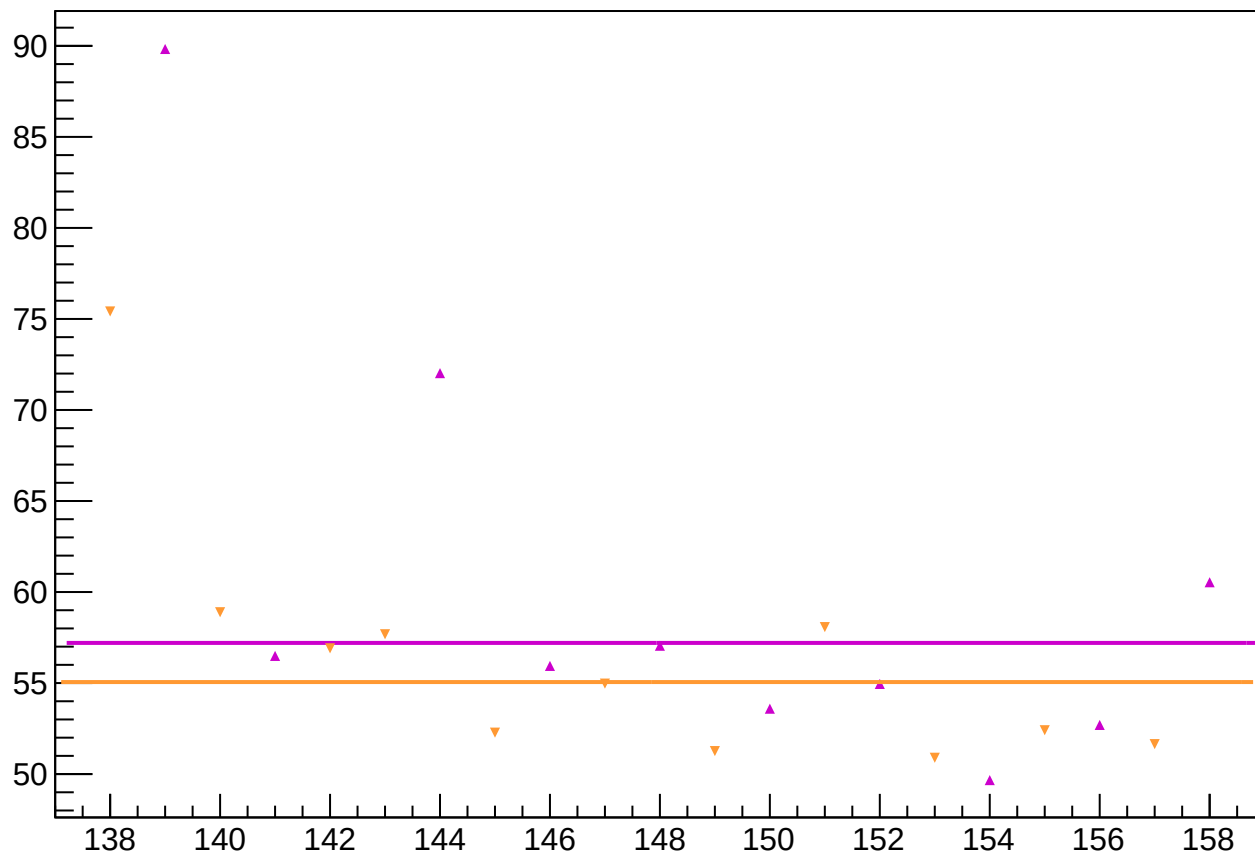
Left In: 53.943+/-20.346 χ^2/NDF : 11.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.730+/-14.099 χ^2/NDF : 35.7/20

- 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: 55.055+/-0.014 χ^2/NDF :153951.9/10

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

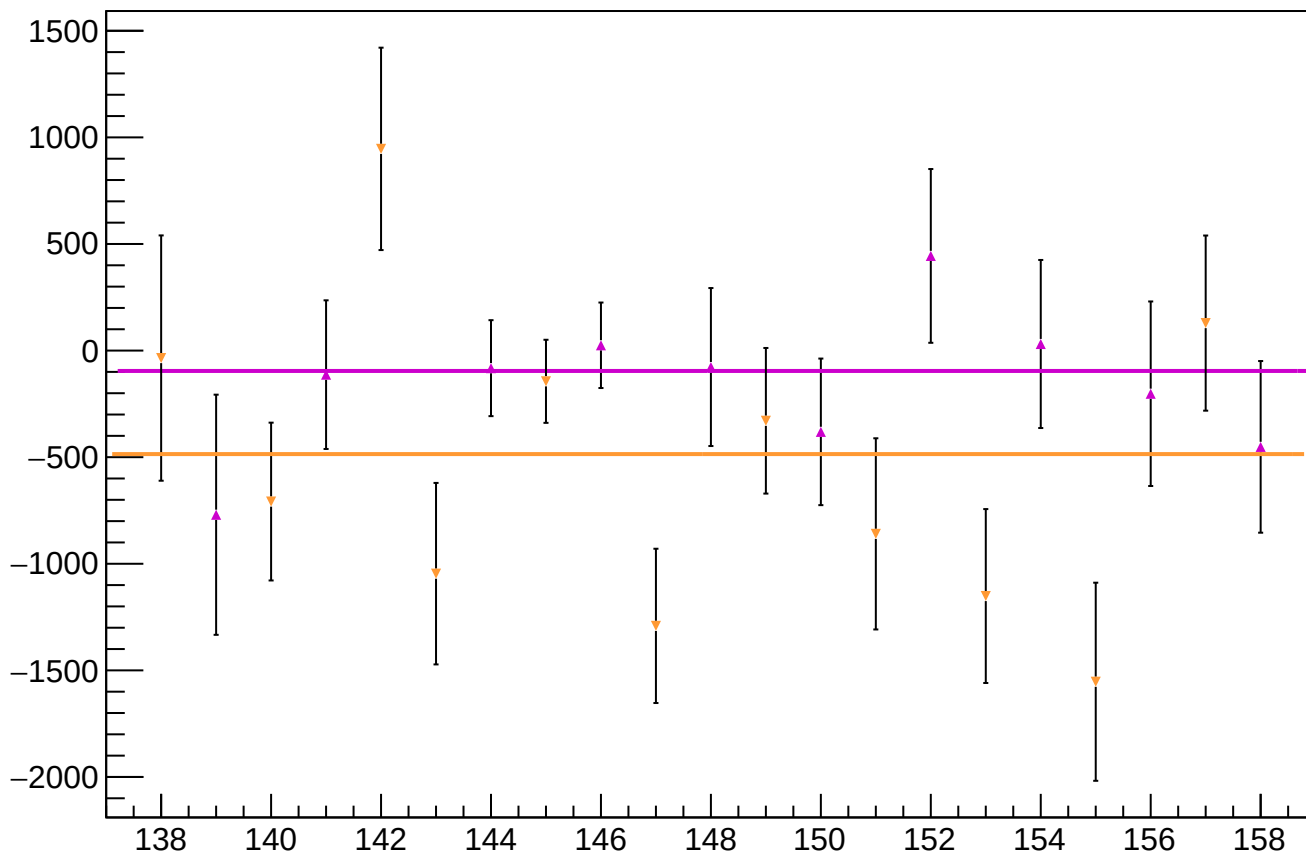
Left In: 57.205+/-0.014 χ^2/NDF :337900.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.087+/-0.010 χ^2/NDF : 503464.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -485.538 $\pm$ 108.867 χ^2 /NDF:30.9/10

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

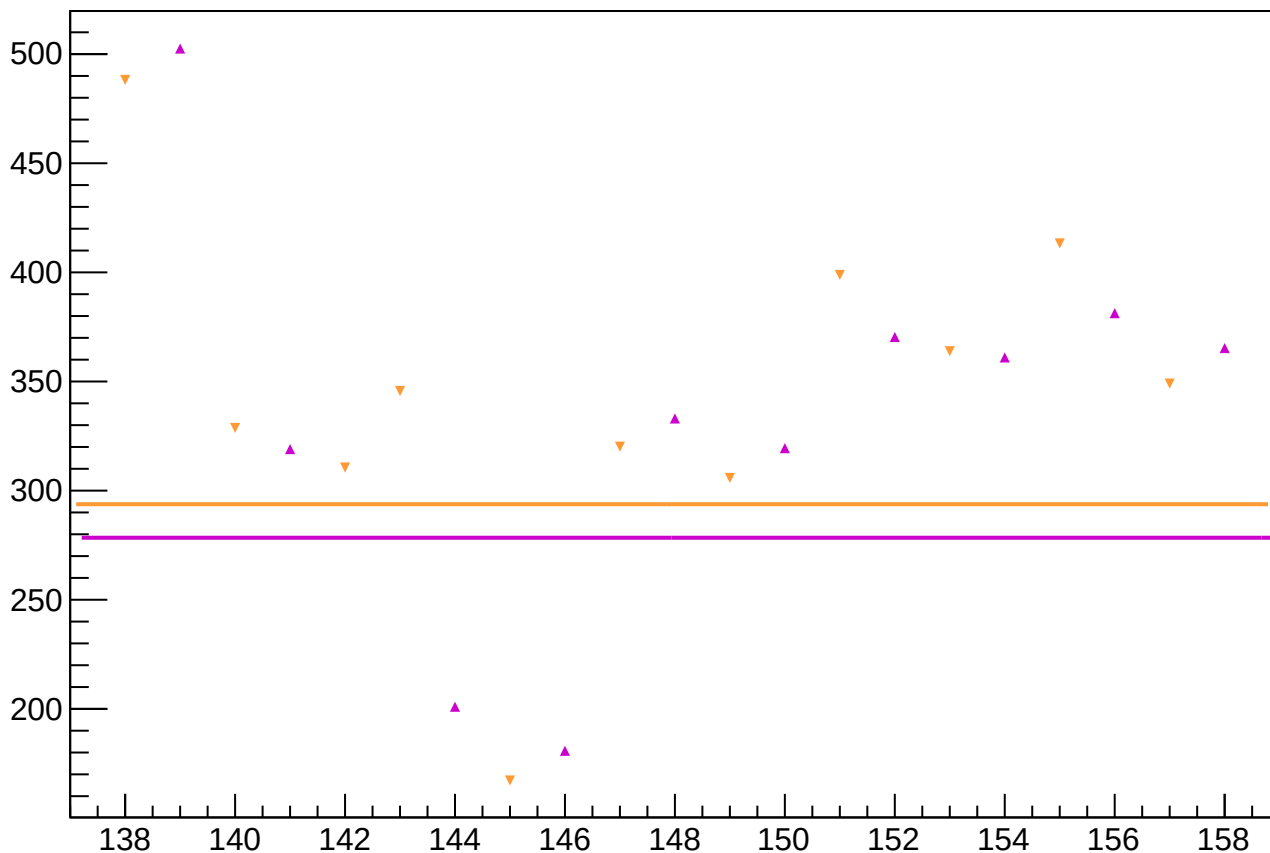
Left In: -95.597 $\pm$ 102.215 χ^2 /NDF:5.2/9

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

All: -278.292 $\pm$ 74.518 χ^2 /NDF: 42.9/20

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

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 293.766+/-0.077 χ^2/NDF : 1472971.6/10

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

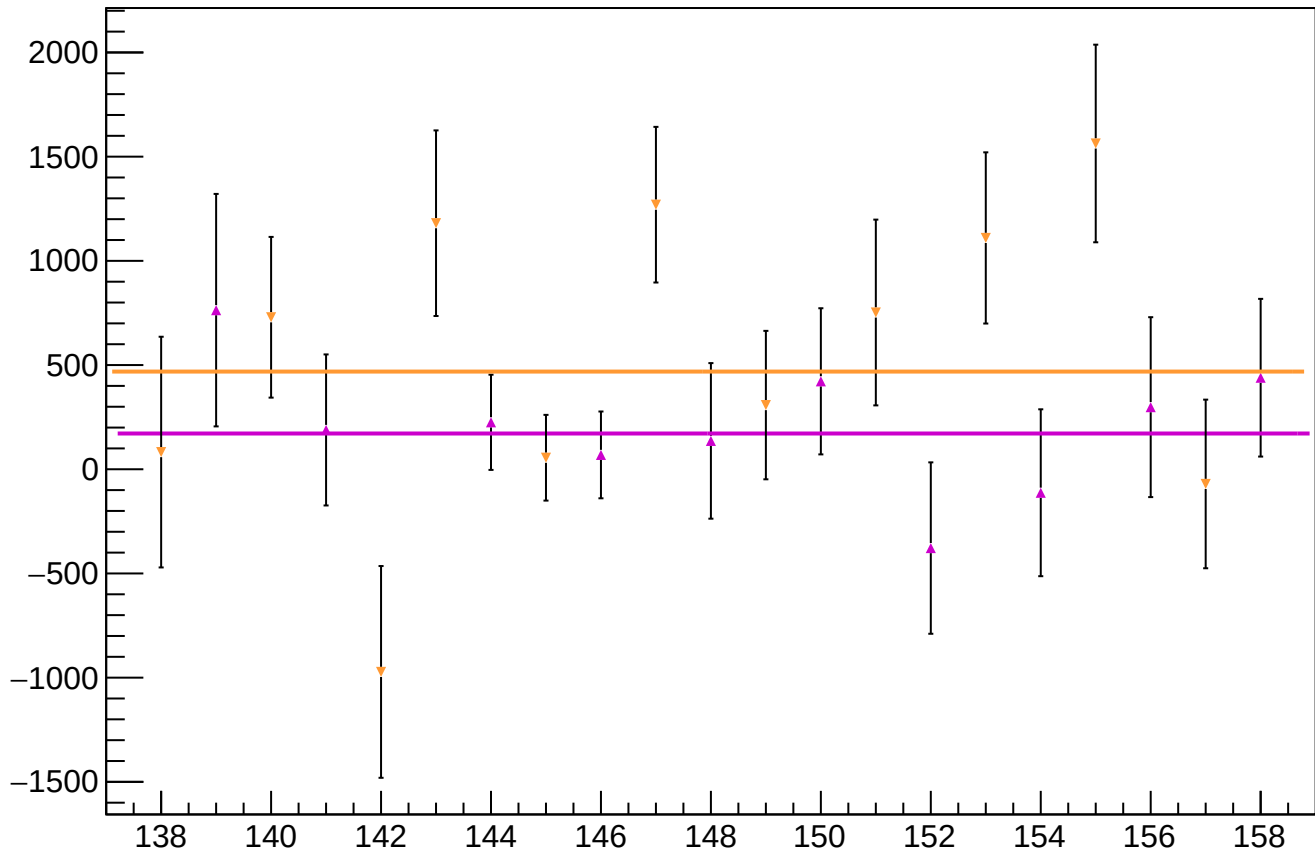
Left In: 278.415+/-0.072 χ^2/NDF : 1522584.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.607+/-0.053 χ^2/NDF : 3016691.7/20

- 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: 468.754 $\pm$ 112.424 χ^2 /NDF:30.3/10

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

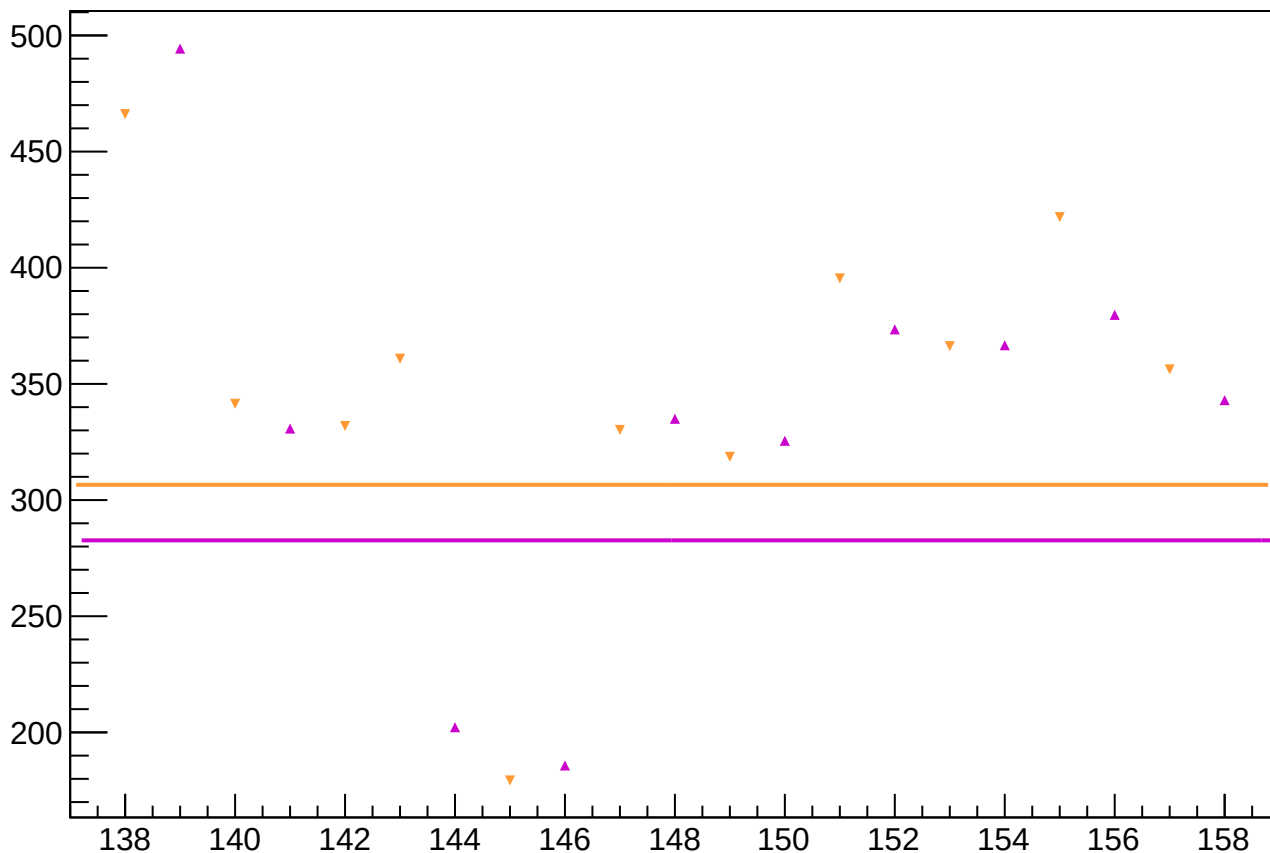
Left In: 171.576 $\pm$ 103.774 χ^2 /NDF:4.8/9

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

All: 308.294 $\pm$ 76.254 χ^2 /NDF: 38.9/20

- 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: 306.567+/-0.079 χ^2/NDF :1263117.2/10

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

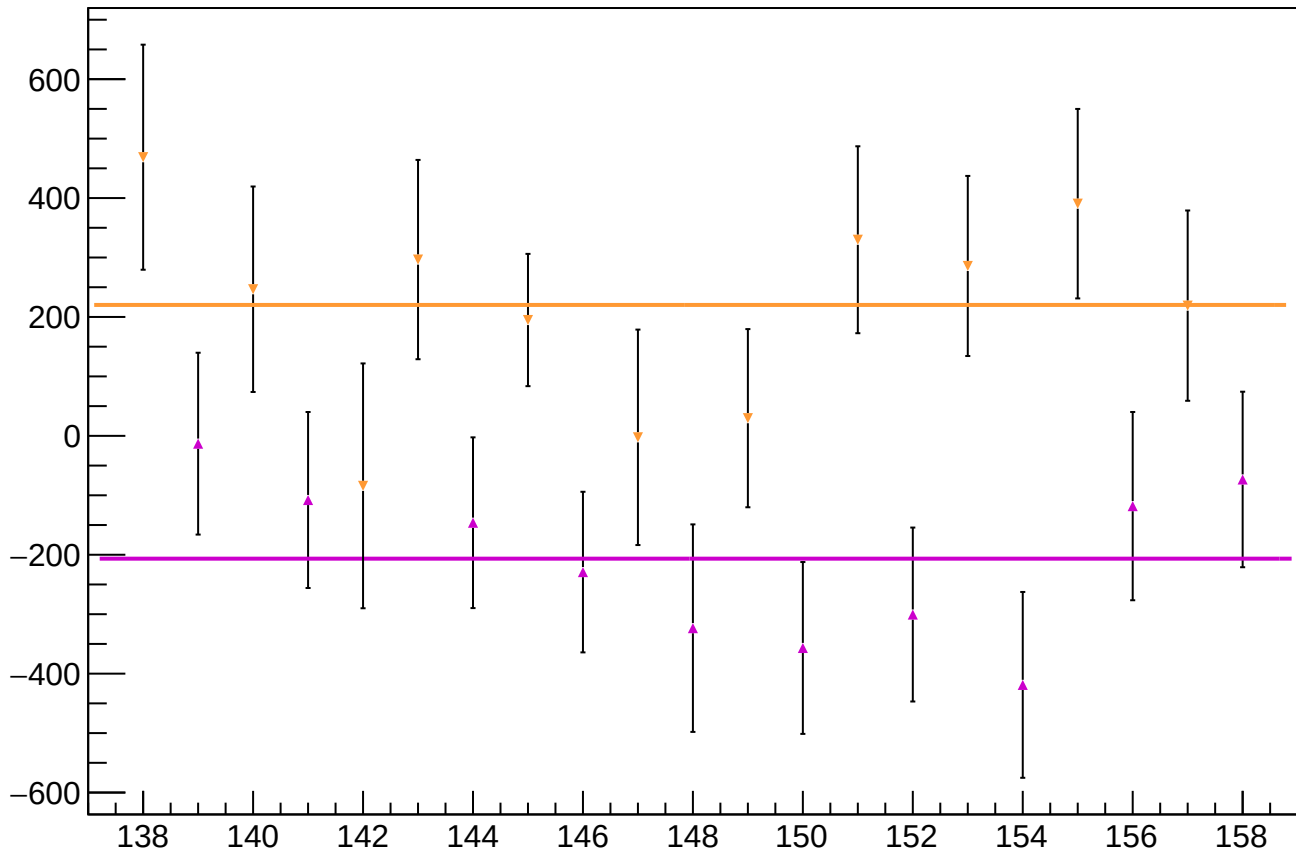
Left In: 282.658+/-0.073 χ^2/NDF :1410919.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.657+/-0.054 χ^2/NDF : 2722880.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 220.218+/-47.739 χ^2/NDF : 9.1/10

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

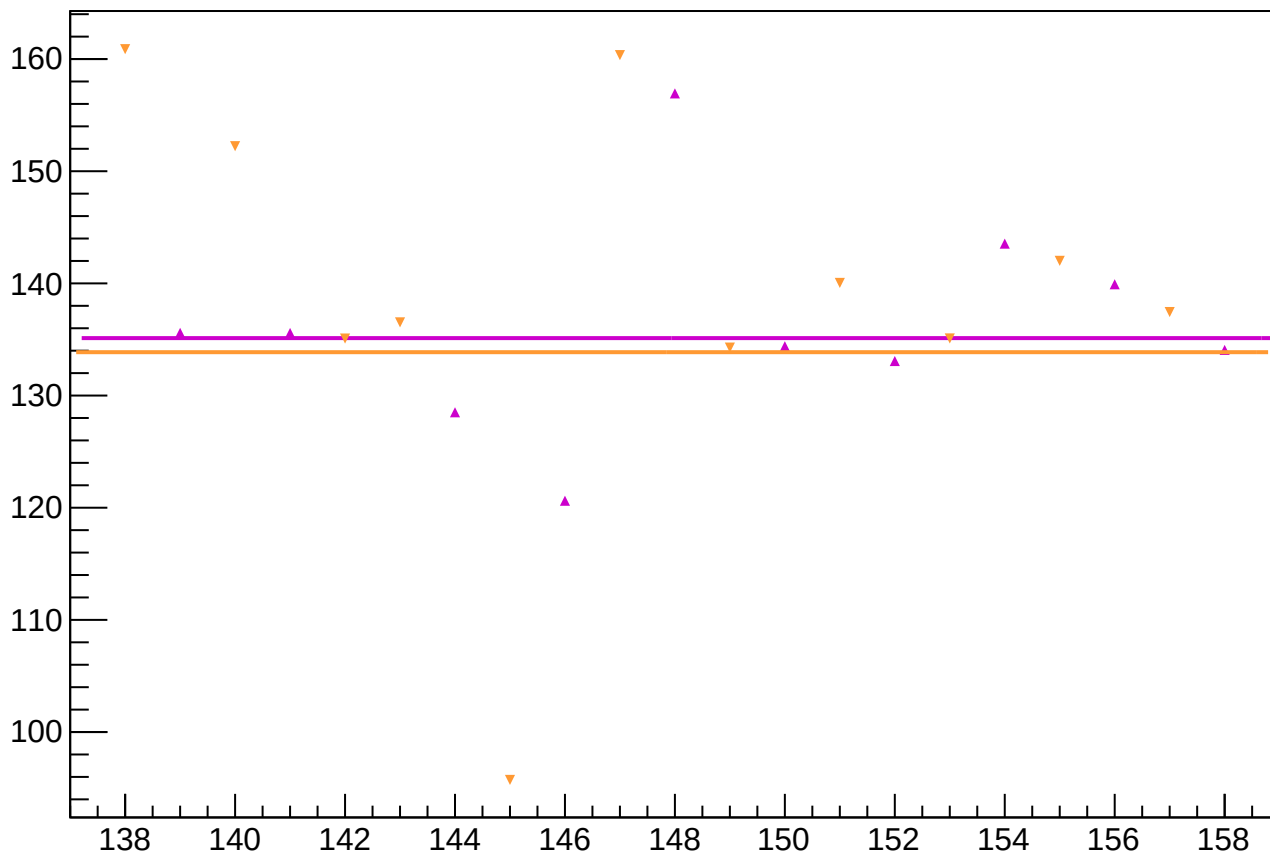
Left In: -206.586+/-47.362 χ^2/NDF : 7.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.124+/-33.622 χ^2/NDF : 56.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 133.866 $\pm$ 0.034 χ^2 /NDF:351034.0/10

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

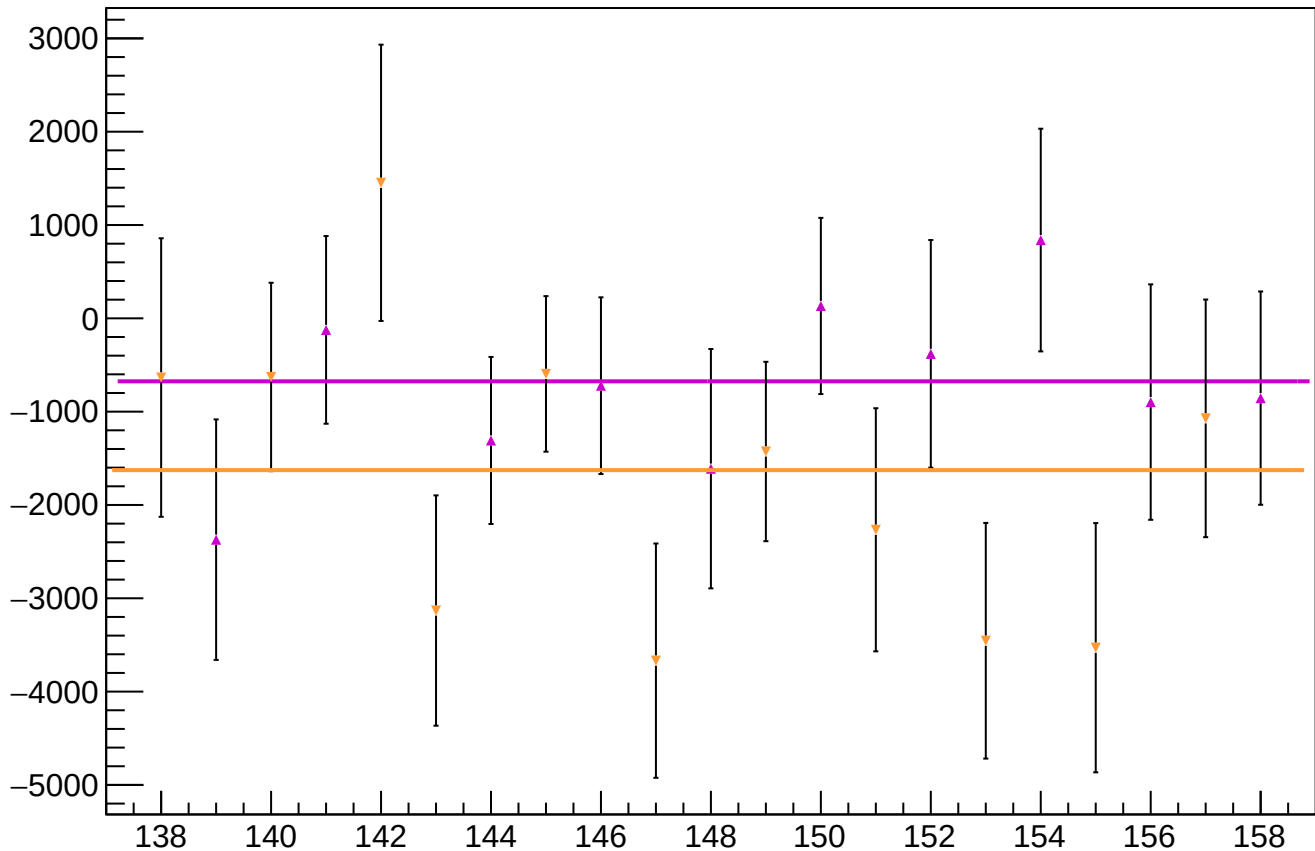
Left In: 135.121 $\pm$ 0.033 χ^2 /NDF:66758.2/9

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

All: 134.499 $\pm$ 0.024 χ^2 /NDF: 418488.6/20

- sign 0.000 $\pm$ 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: -1626.734+/-351.489 χ^2/NDF :16.0/10

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

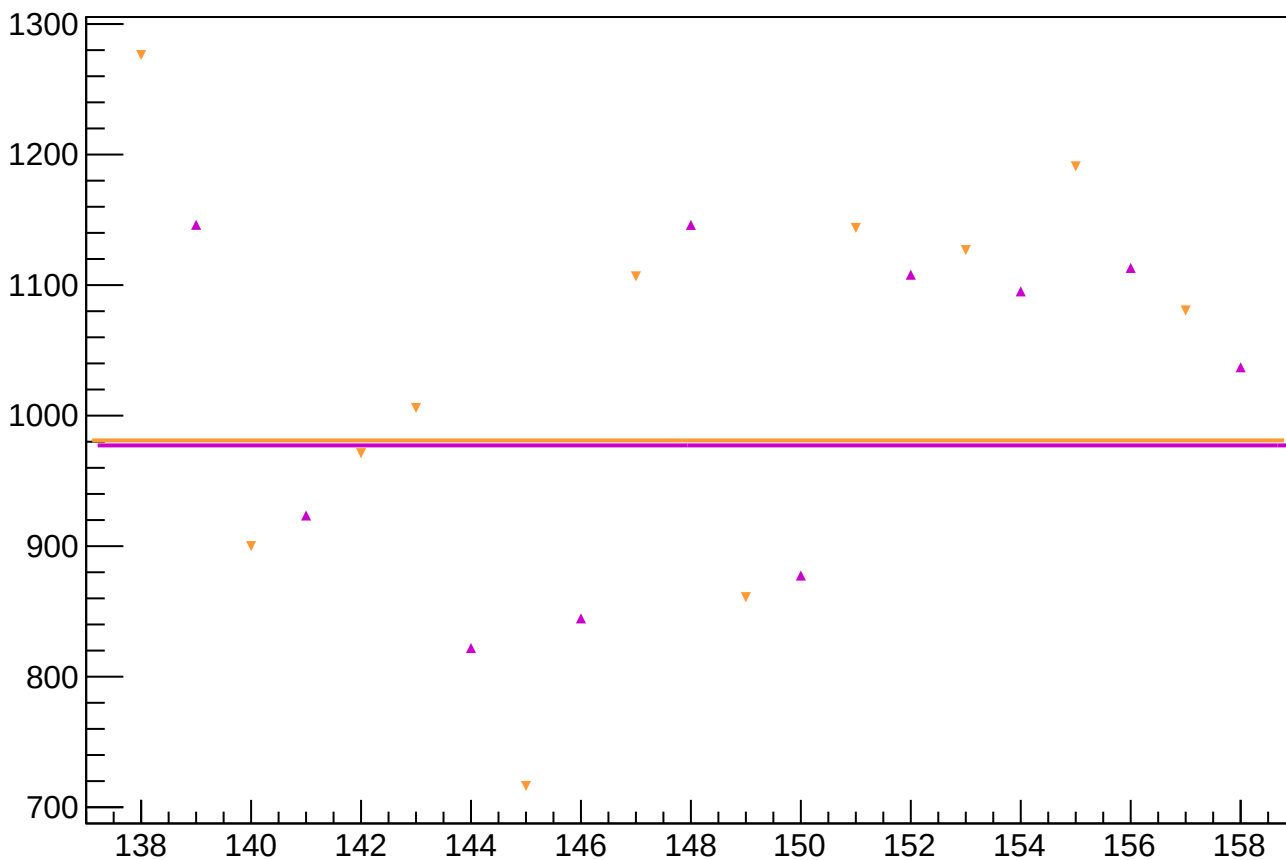
Left In: -674.867+/-343.948 χ^2/NDF :5.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1140.481+/-245.831 χ^2/NDF : 25.3/20

- 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: 980.990+/-0.249 χ^2/NDF : 464717.3/10

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

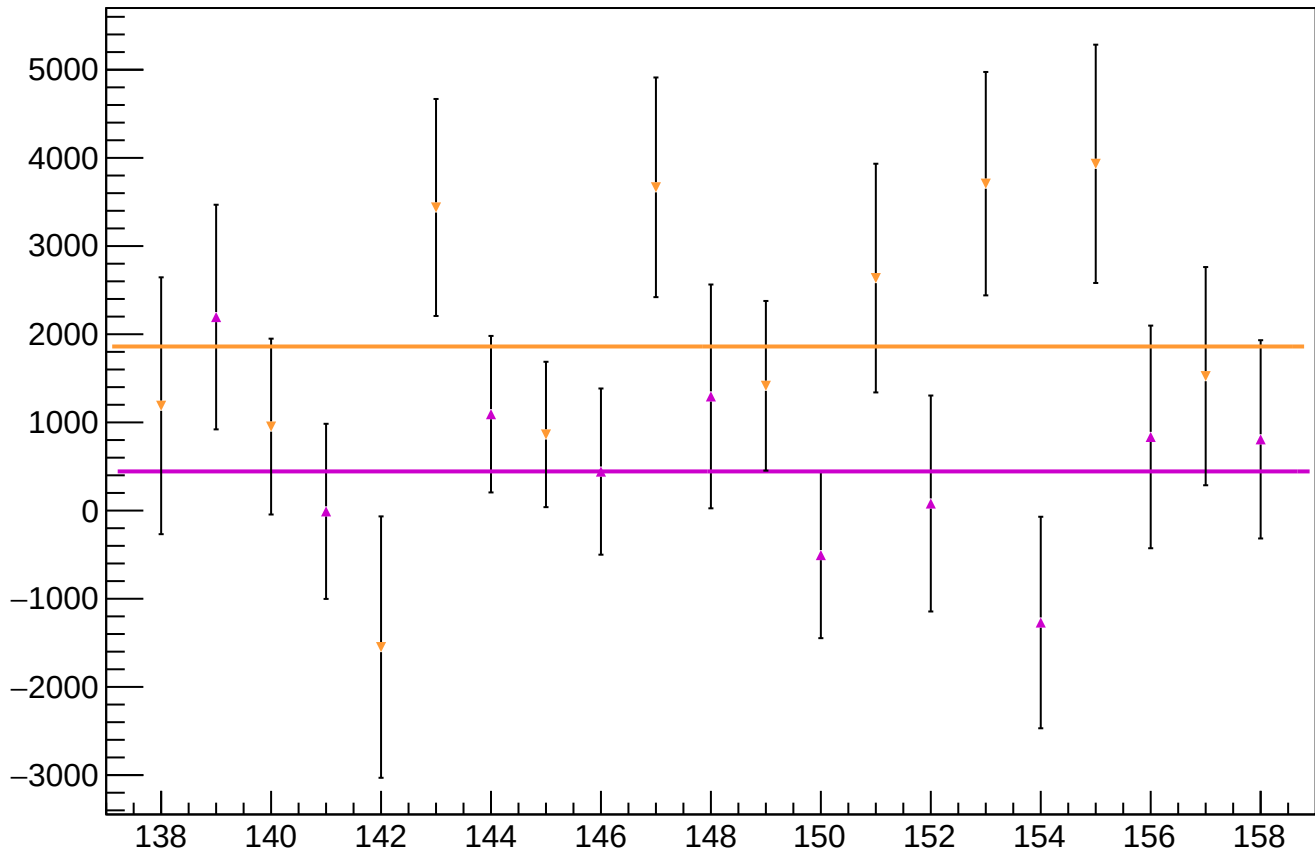
Left In: 977.186+/-0.243 χ^2/NDF : 267683.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.047+/-0.174 χ^2/NDF : 732520.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1860.961+/-349.069 χ^2/NDF : 16.7/10

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

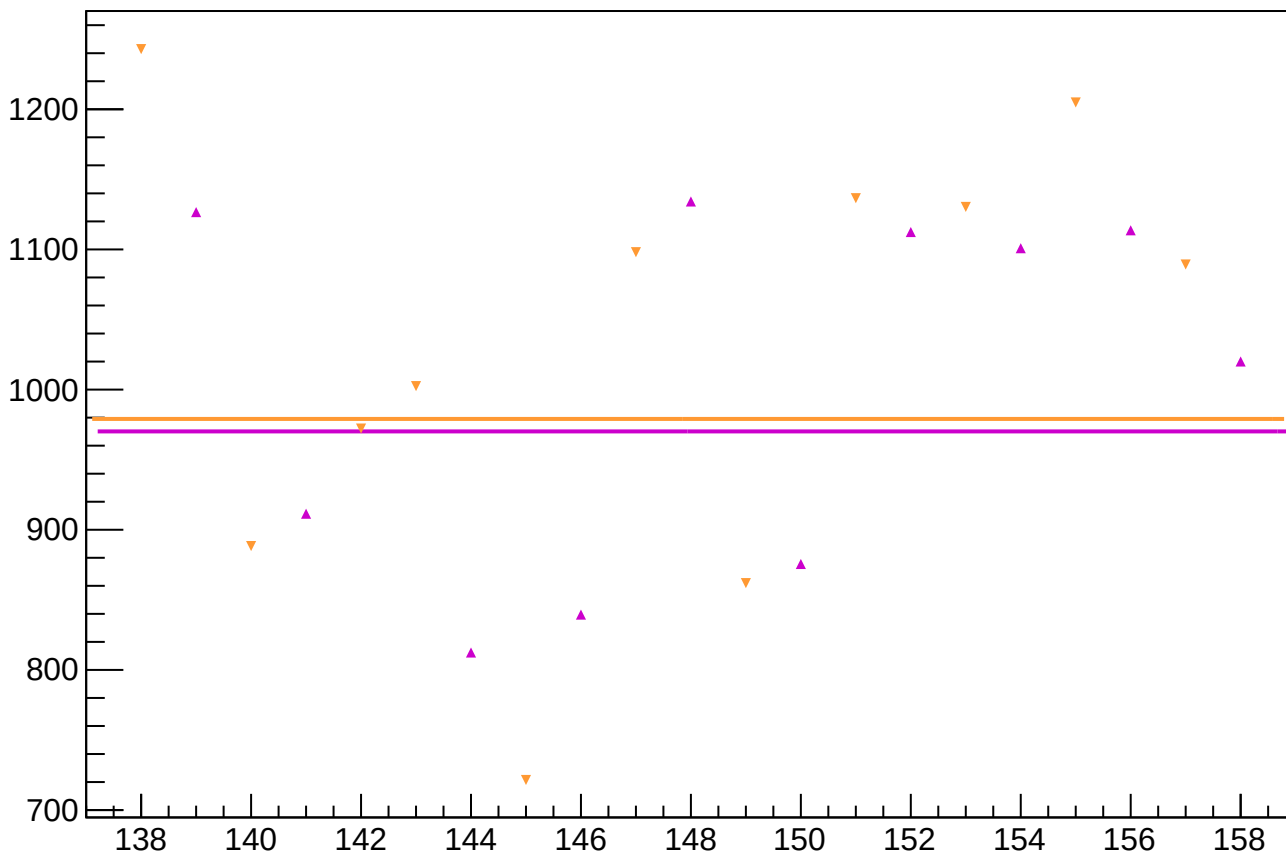
Left In: 444.079+/-341.934 χ^2/NDF : 6.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.890+/-244.267 χ^2/NDF : 31.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



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

Left Out: 979.072+/-0.247 χ^2/NDF : 455817.1/10

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

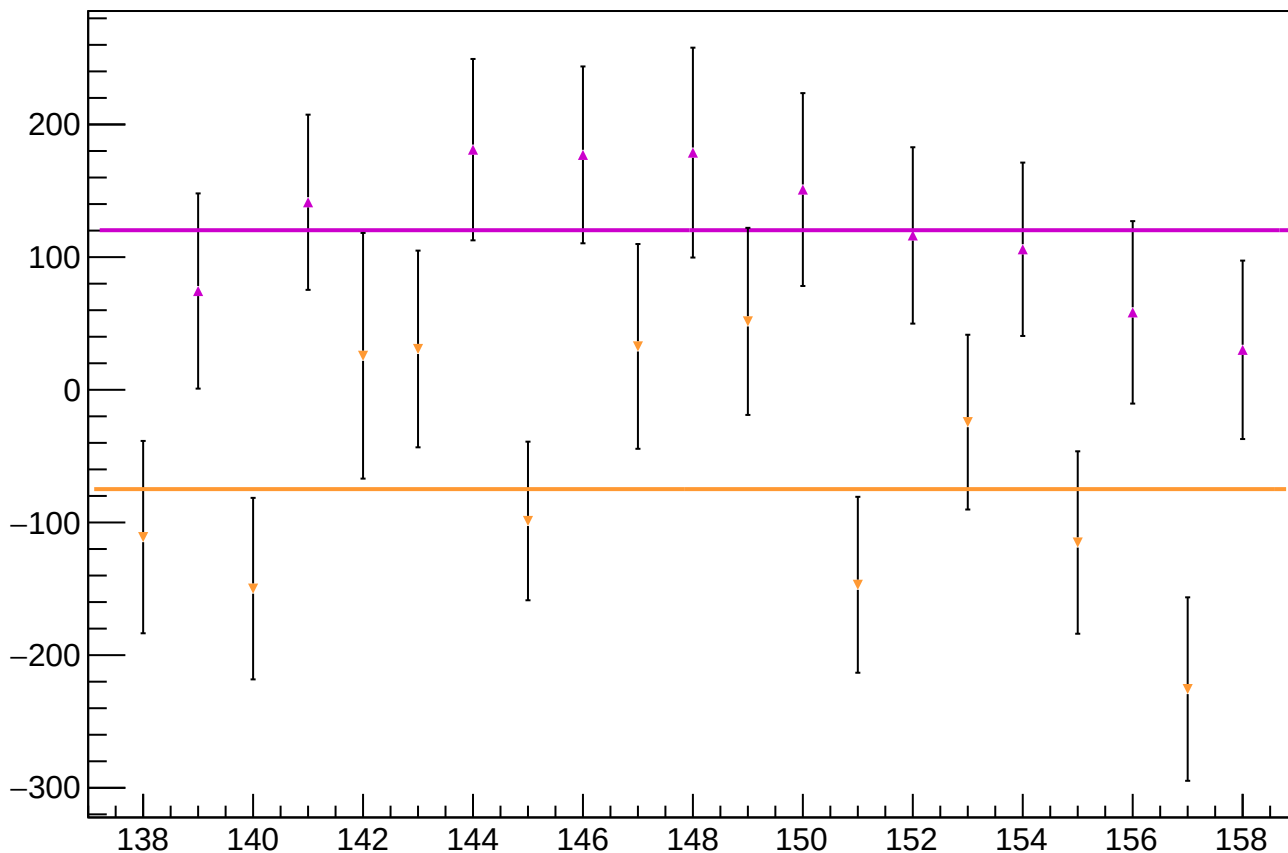
Left In: 970.168+/-0.242 χ^2/NDF : 272867.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.528+/-0.173 χ^2/NDF : 729349.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -74.855+/-21.175 χ^2/NDF : 16.8/10

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

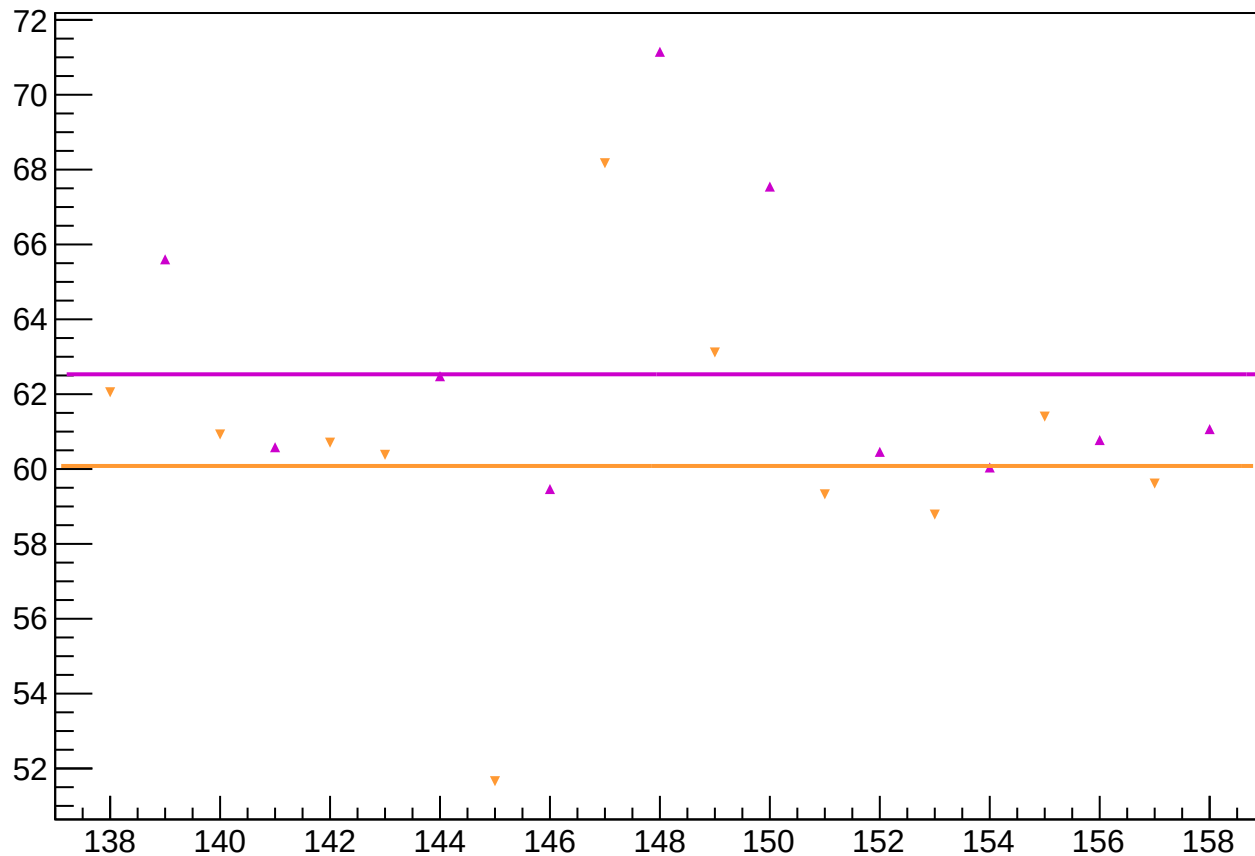
Left In: 120.295+/-21.845 χ^2/NDF : 5.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.683+/-15.204 χ^2/NDF : 63.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.082+/-0.015 χ^2/NDF : 69139.7/10

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

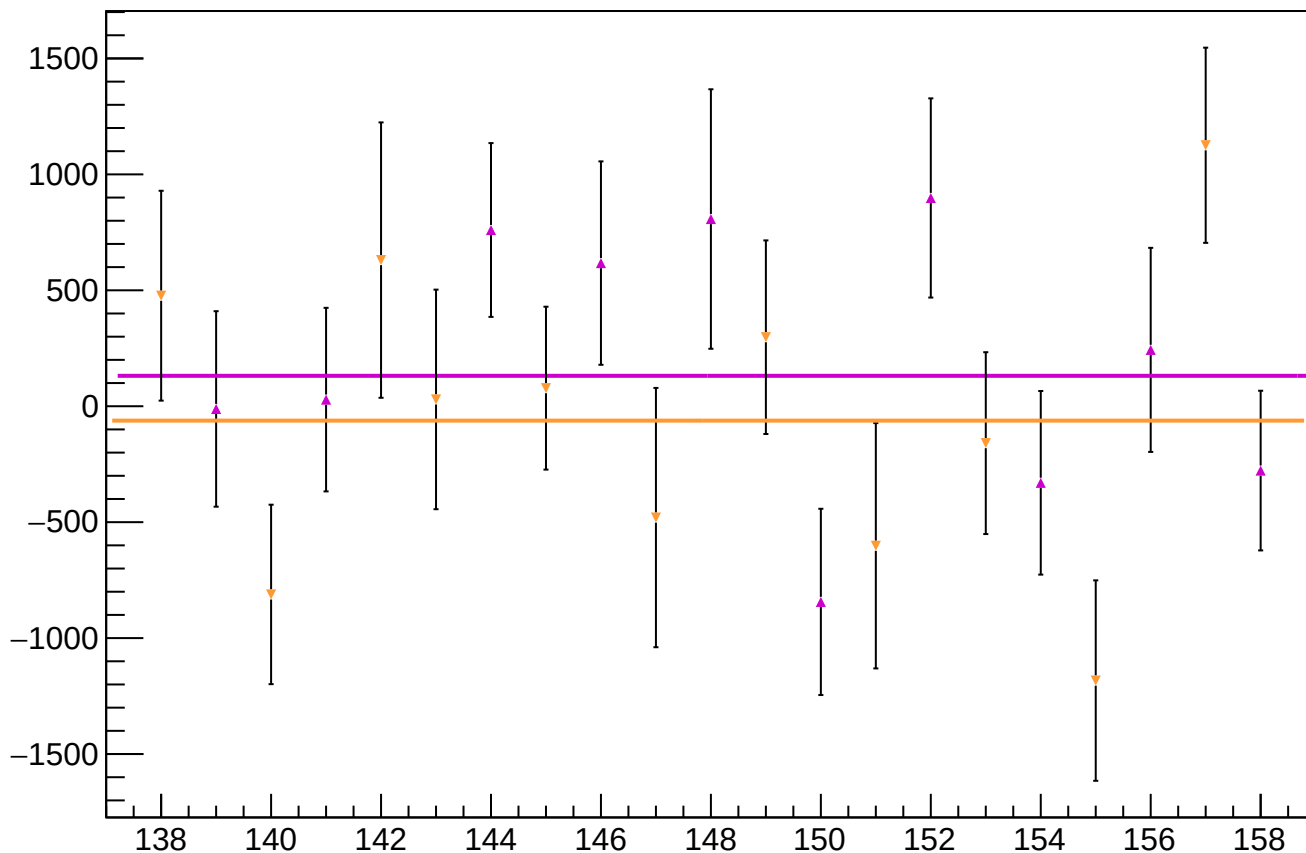
Left In: 62.531+/-0.015 χ^2/NDF : 49819.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.269+/-0.011 χ^2/NDF : 131919.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -62.013+/-132.491 χ^2/NDF : 23.8/10

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

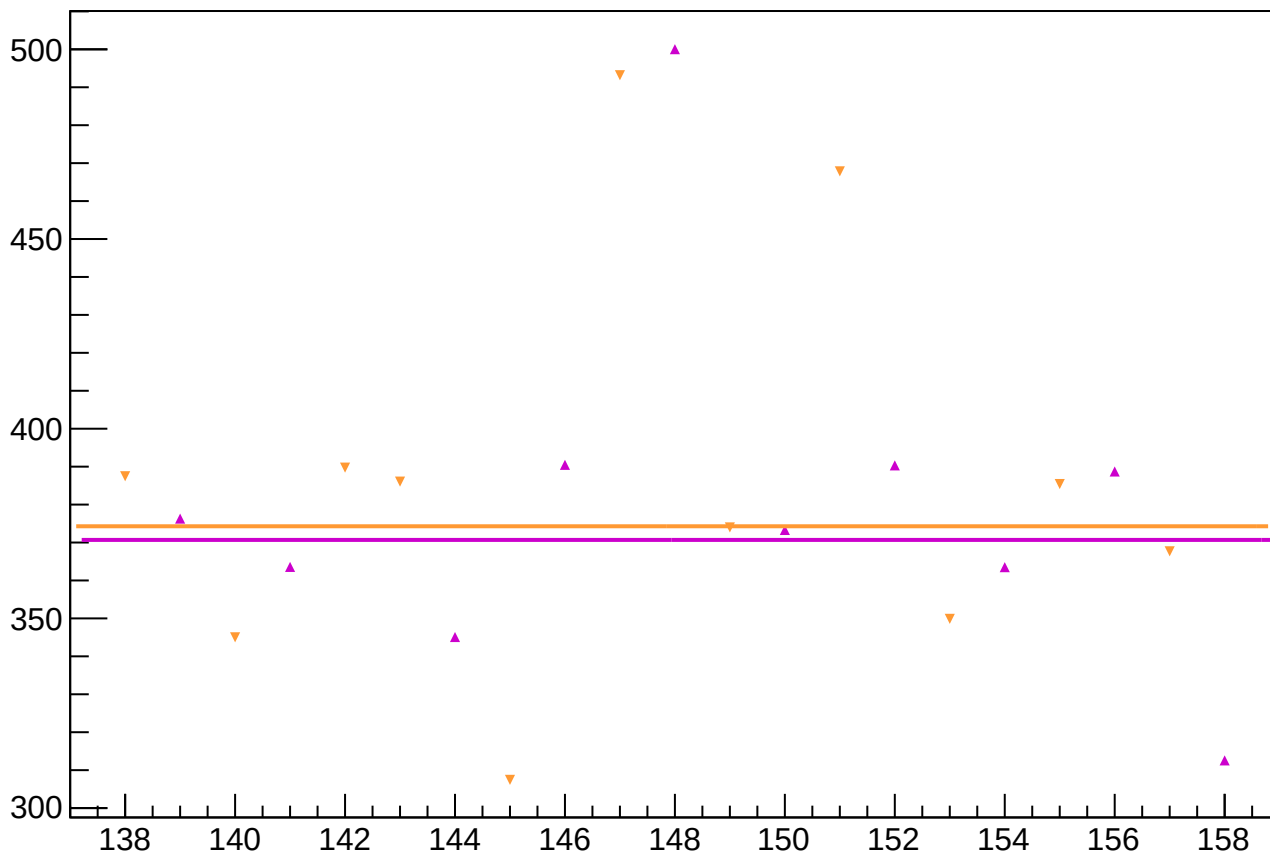
Left In: 131.254+/-130.069 χ^2/NDF : 17.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.403+/-92.817 χ^2/NDF : 42.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 374.283+/-0.094 χ^2/NDF : 250657.3/10

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

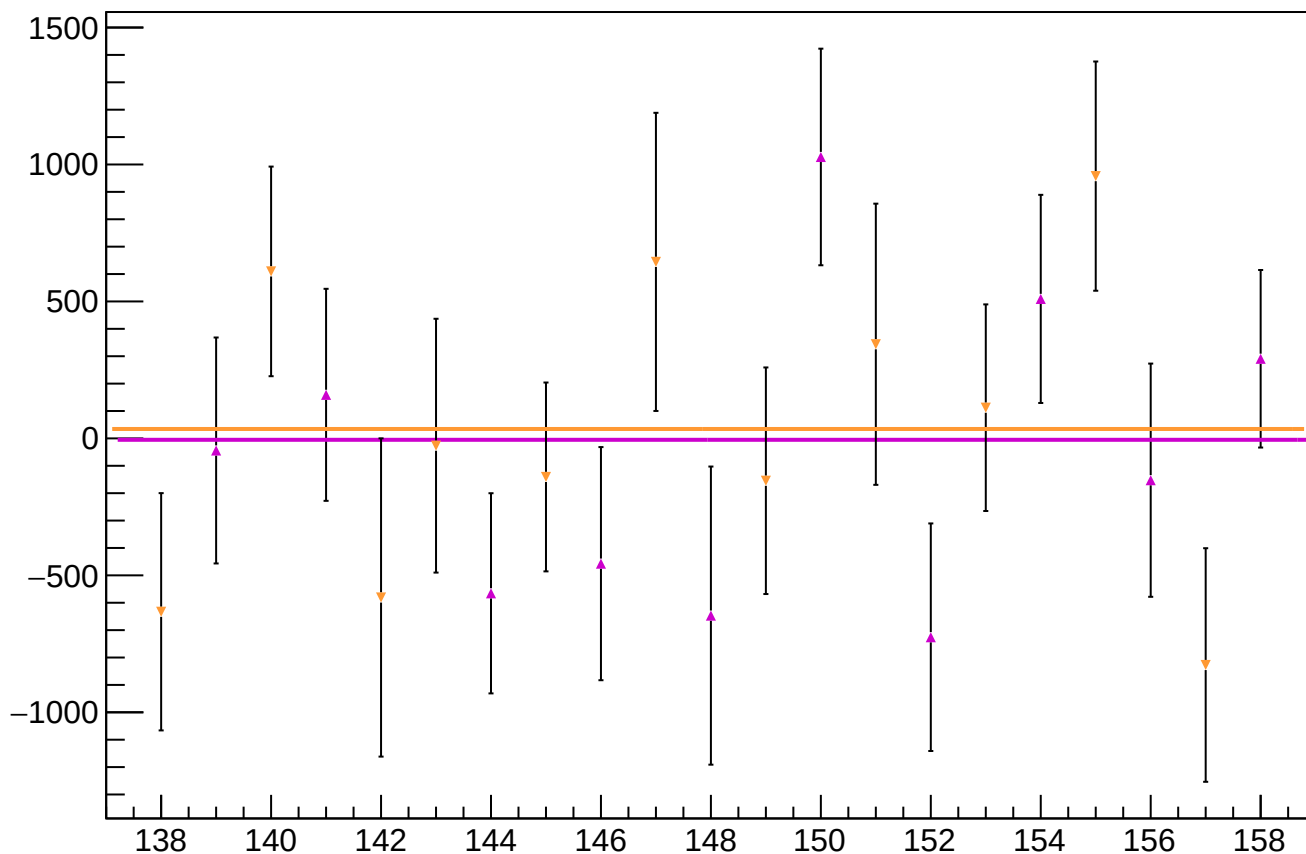
Left In: 370.688+/-0.092 χ^2/NDF : 186504.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.452+/-0.066 χ^2/NDF : 437911.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: 34.381+/-129.686 χ^2/NDF :16.9/10

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

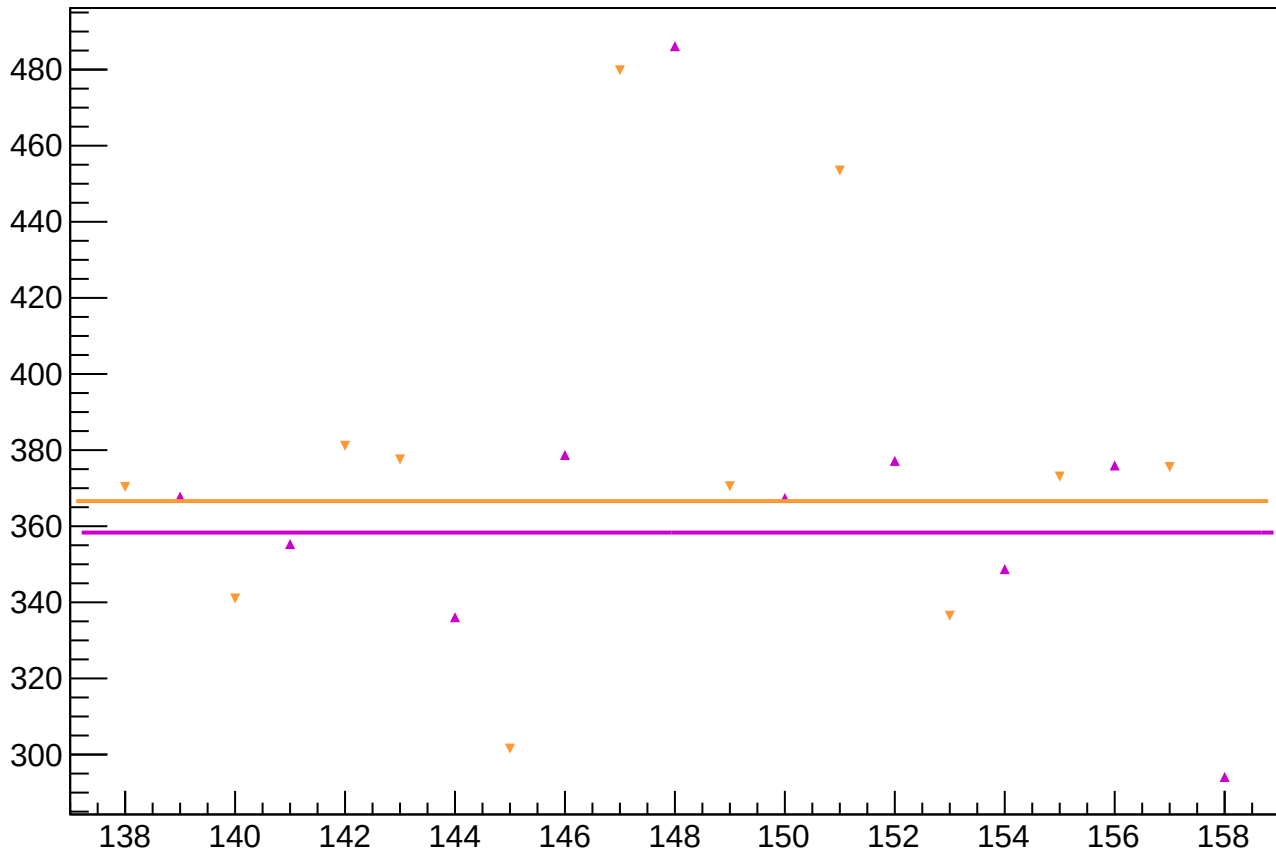
Left In: -5.123+/-125.887 χ^2/NDF :17.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.042+/-90.329 χ^2/NDF : 34.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 366.607+/-0.092 χ^2/NDF : 240811.3/10

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

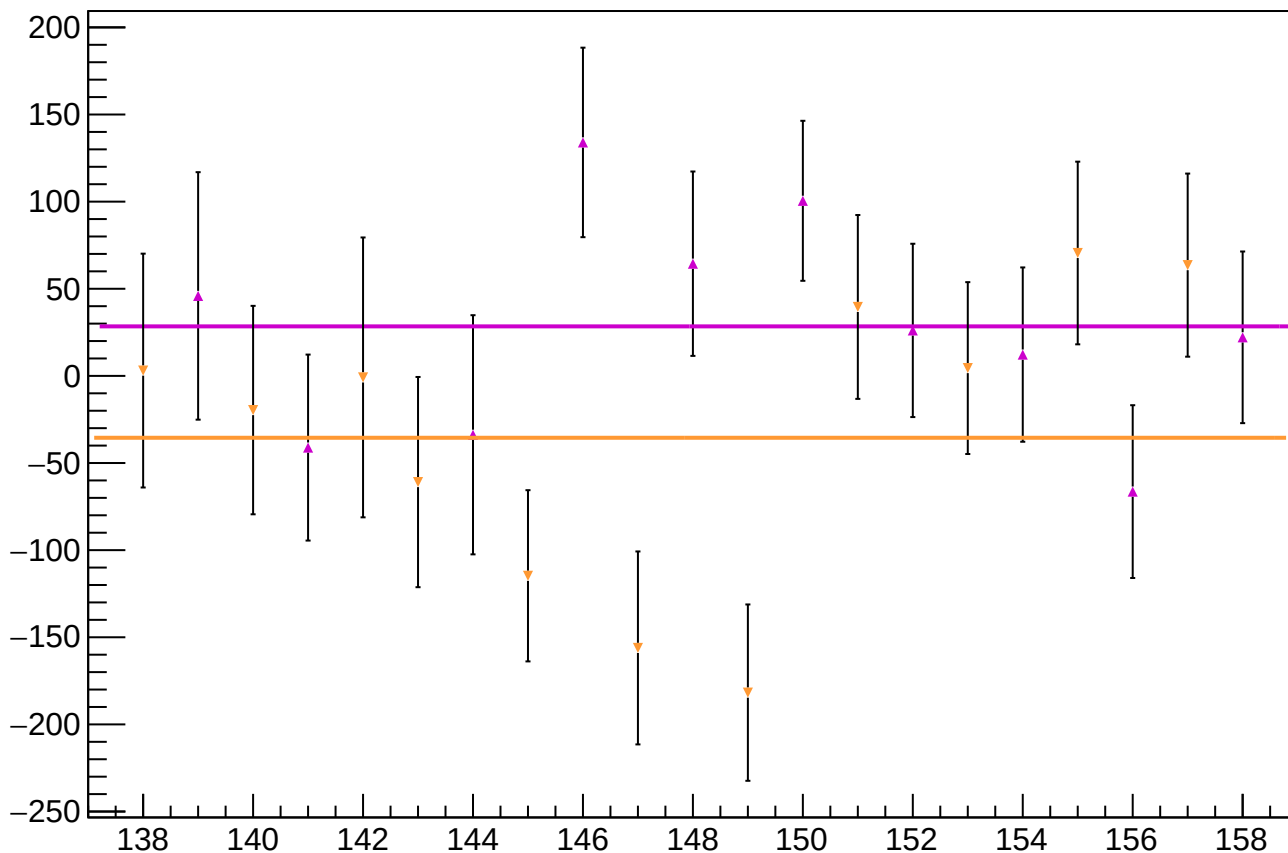
Left In: 358.336+/-0.089 χ^2/NDF : 211932.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.349+/-0.064 χ^2/NDF : 456932.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -35.508+/-16.762 χ^2/NDF : 26.8/10

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

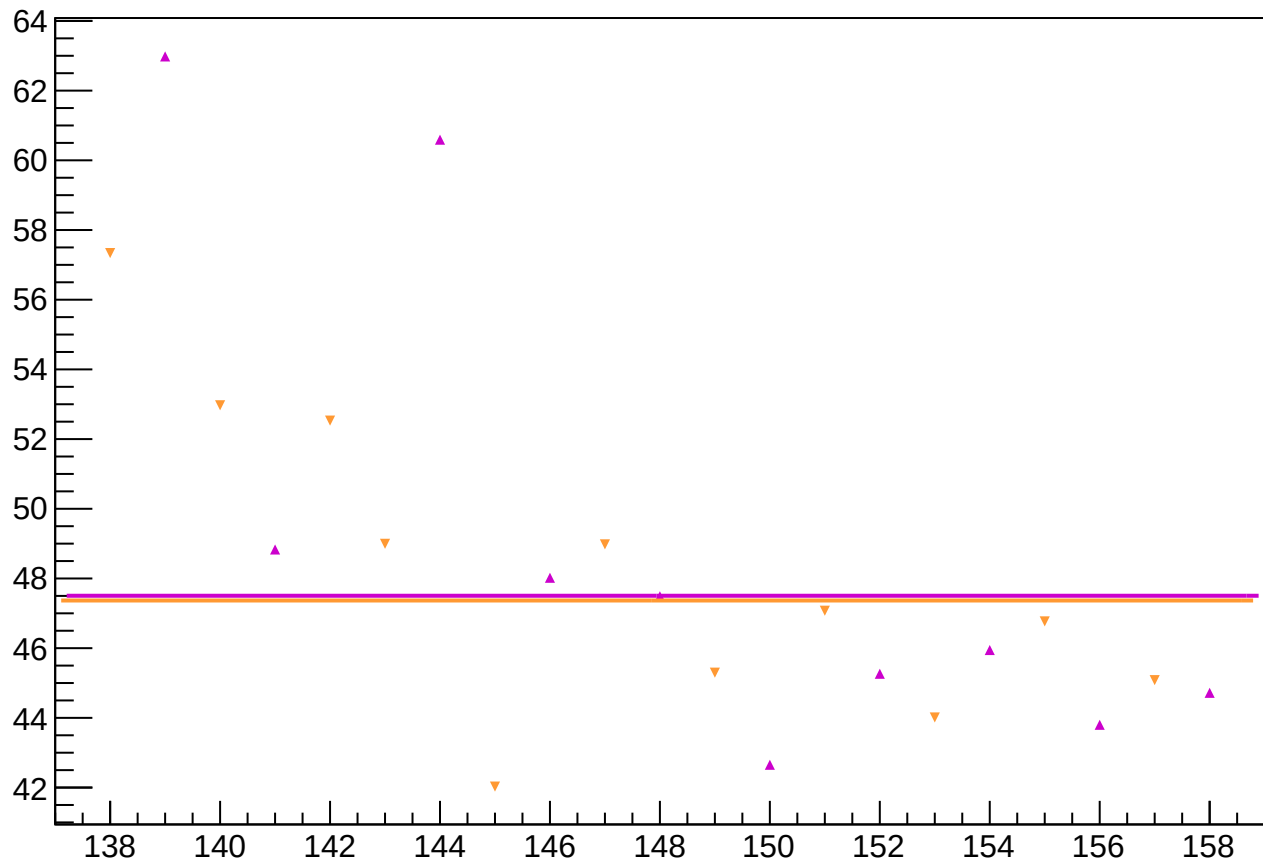
Left In: 28.417+/-16.772 χ^2/NDF : 13.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.566+/-11.856 χ^2/NDF : 47.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 47.368+/-0.012 χ^2/NDF :113474.9/10

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

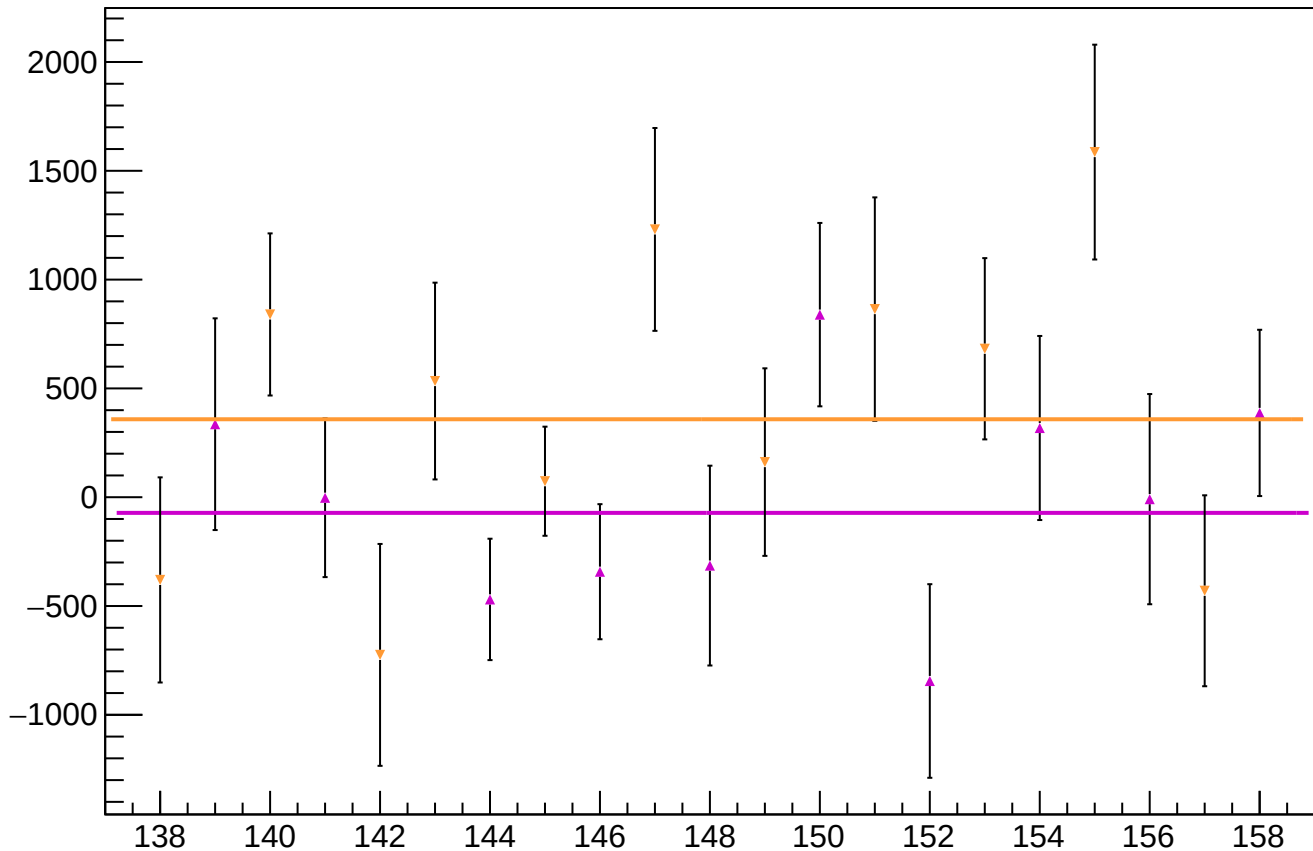
Left In: 47.504+/-0.012 χ^2/NDF :215026.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.436+/-0.008 χ^2/NDF : 328567.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug



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

Left Out: 358.232+/-123.839 χ^2/NDF : 24.8/10

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

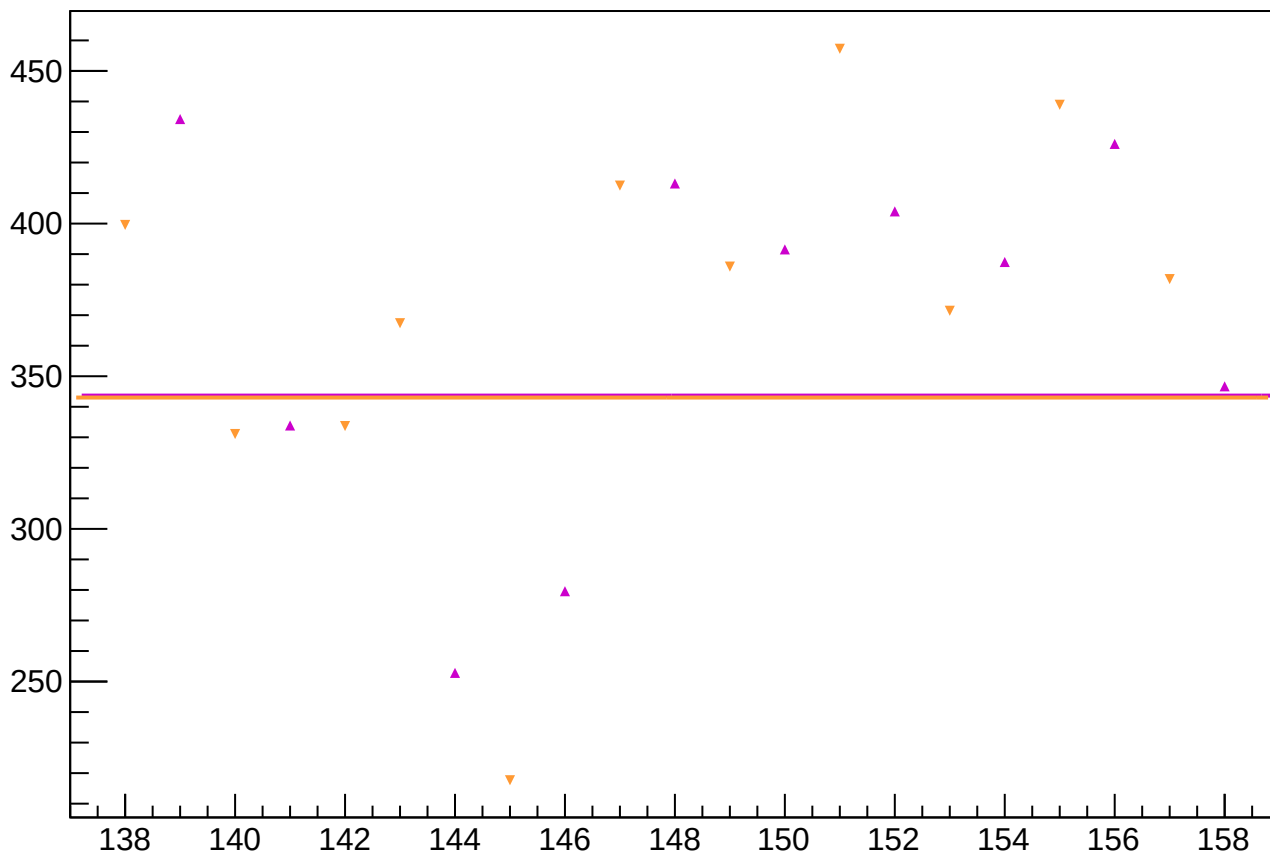
Left In: -71.940+/-122.048 χ^2/NDF : 13.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.012+/-86.927 χ^2/NDF : 44.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug



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

Left Out: 343.021+/-0.088 χ^2/NDF : 801033.5/10

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

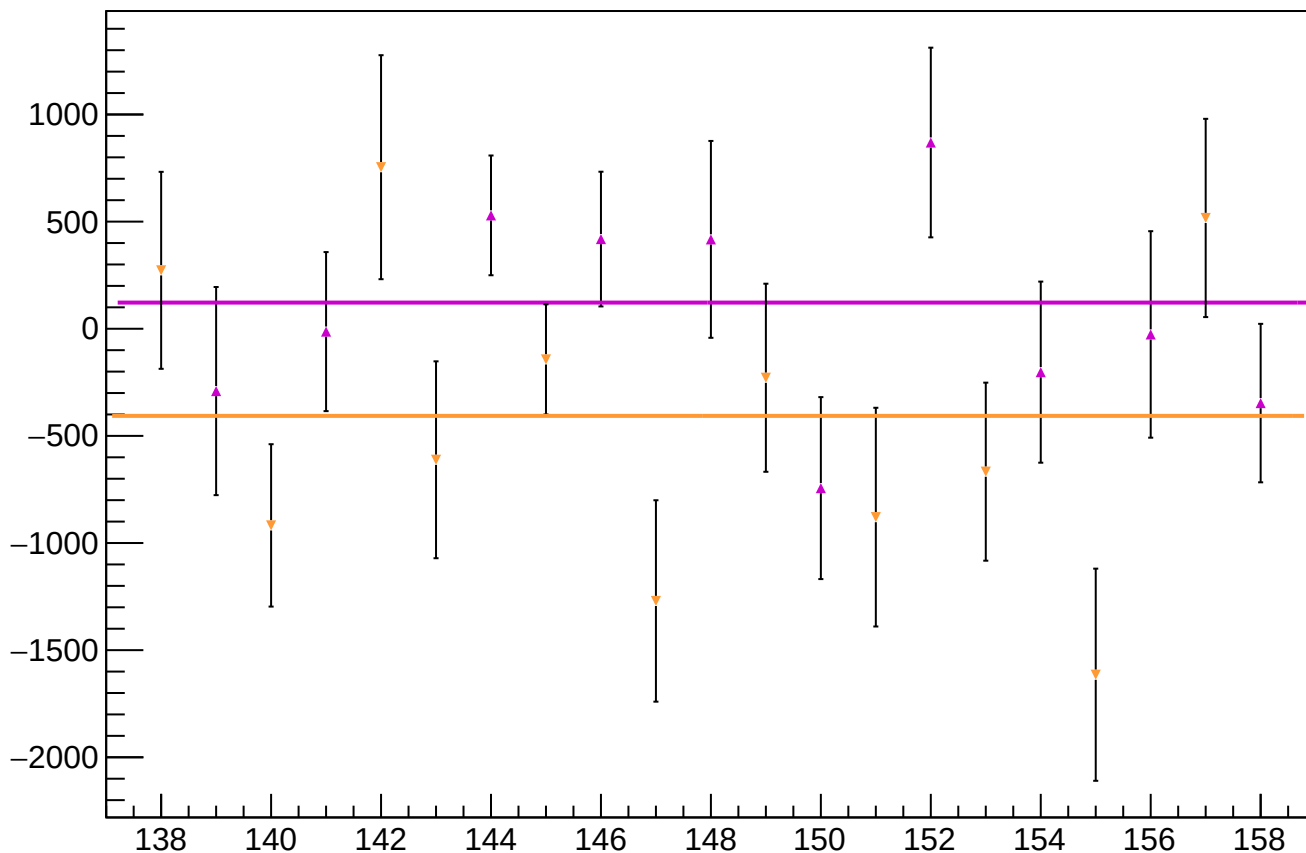
Left In: 343.658+/-0.086 χ^2/NDF : 556288.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.344+/-0.061 χ^2/NDF : 1357348.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -406.584+/-125.638 χ^2/NDF : 24.9/10

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

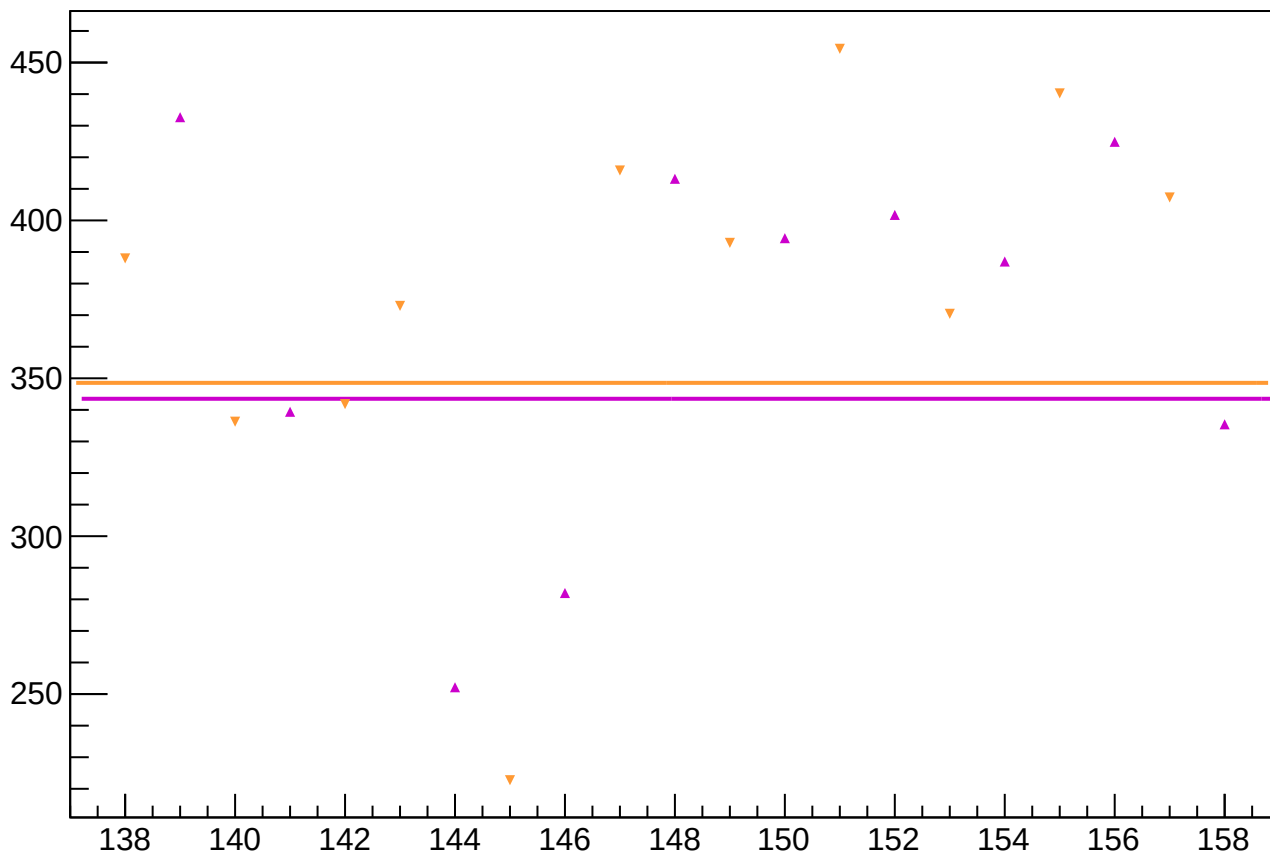
Left In: 122.127+/-122.138 χ^2/NDF : 13.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.762+/-87.576 χ^2/NDF : 47.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 348.560+/-0.089 χ^2/NDF : 756399.4/10

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

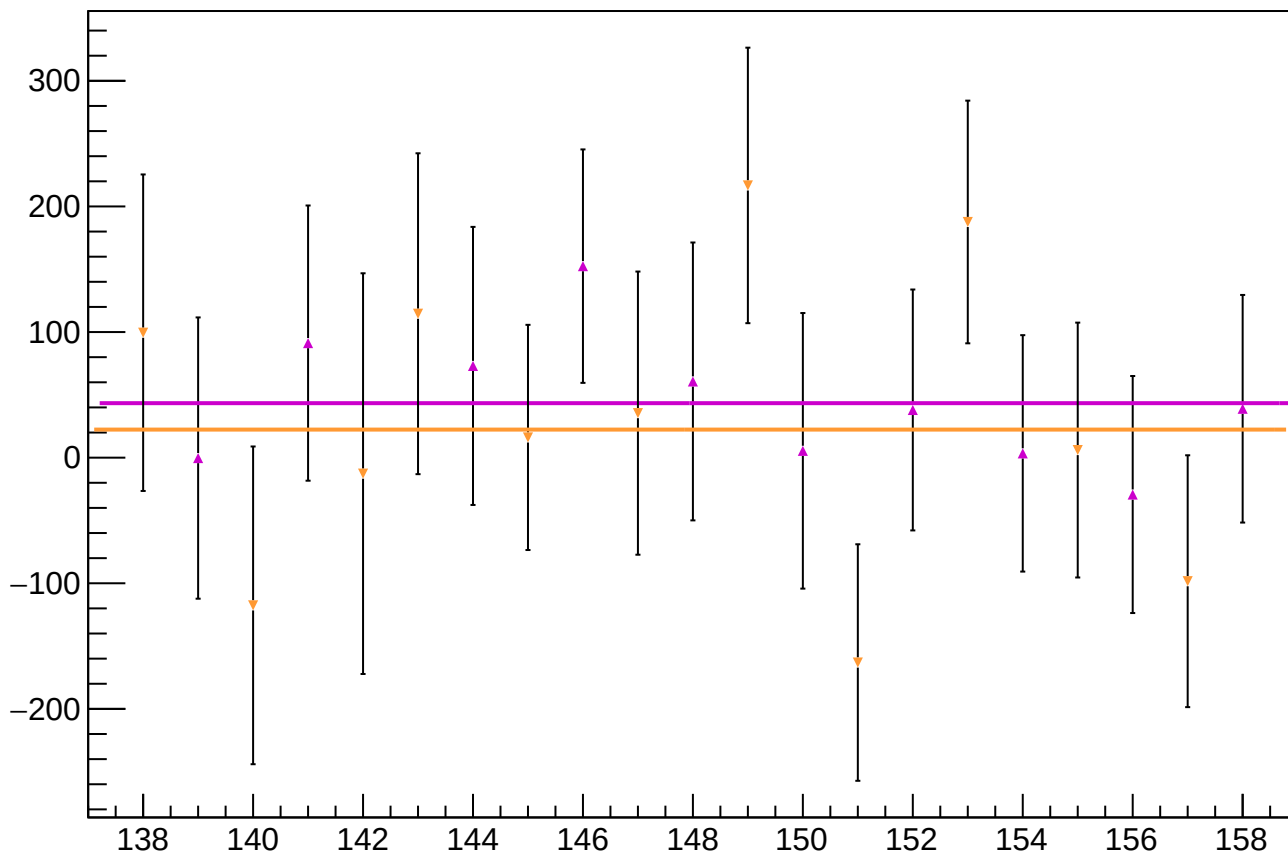
Left In: 343.517+/-0.086 χ^2/NDF : 546548.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.967+/-0.062 χ^2/NDF : 1304604.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



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

Left Out: 22.351+/-32.807 χ^2/NDF :13.6/10

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

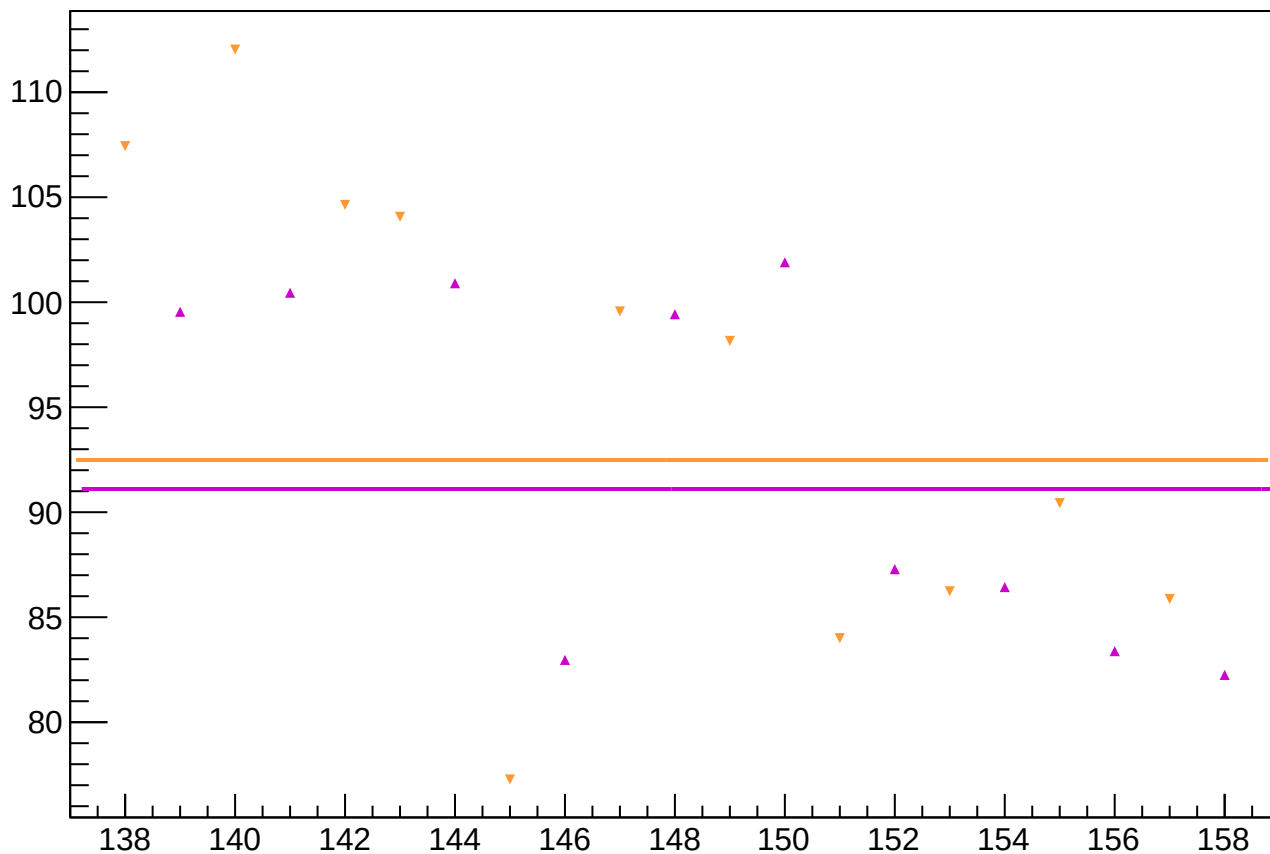
Left In: 43.384+/-31.925 χ^2/NDF :2.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.154+/-22.880 χ^2/NDF : 16.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 92.486+/-0.023 χ^2/NDF : 208949.9/10

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

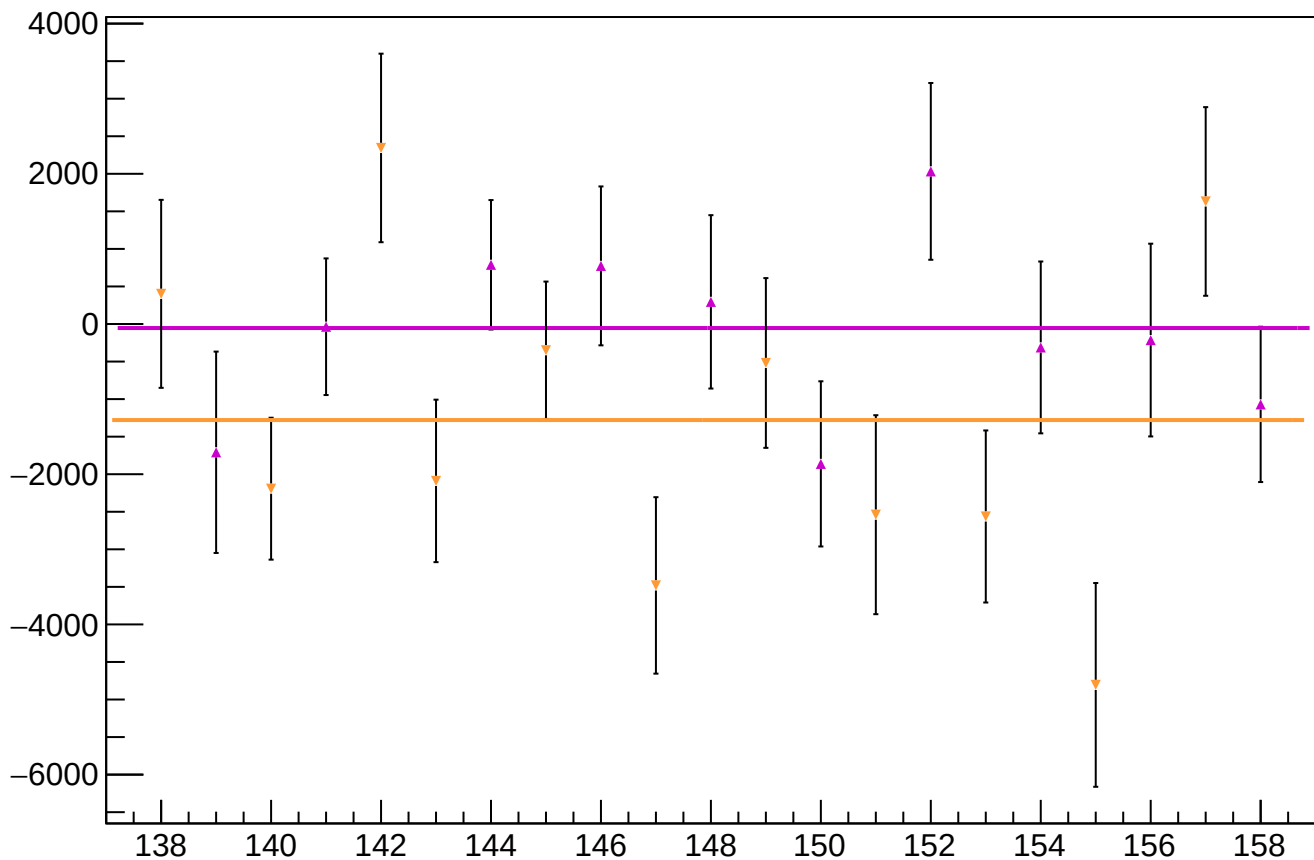
Left In: 91.104+/-0.023 χ^2/NDF : 128217.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.776+/-0.016 χ^2/NDF : 338989.9/20

- 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: -1278.884+/-343.799 χ^2/NDF :30.9/10

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

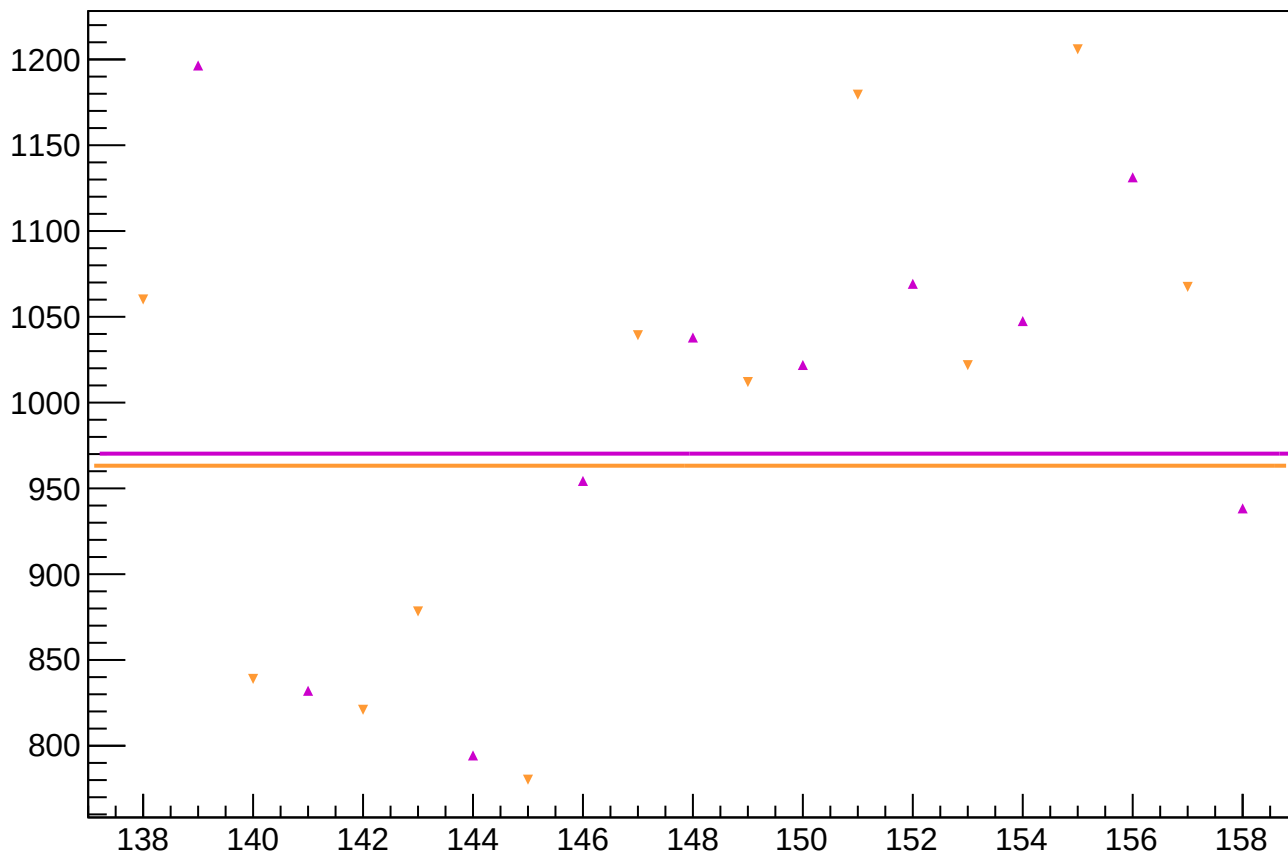
Left In: -53.615+/-340.791 χ^2/NDF :10.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.867+/-242.032 χ^2/NDF : 47.4/20

- 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: 963.219+/-0.243 χ^2/NDF : 313068.7/10

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

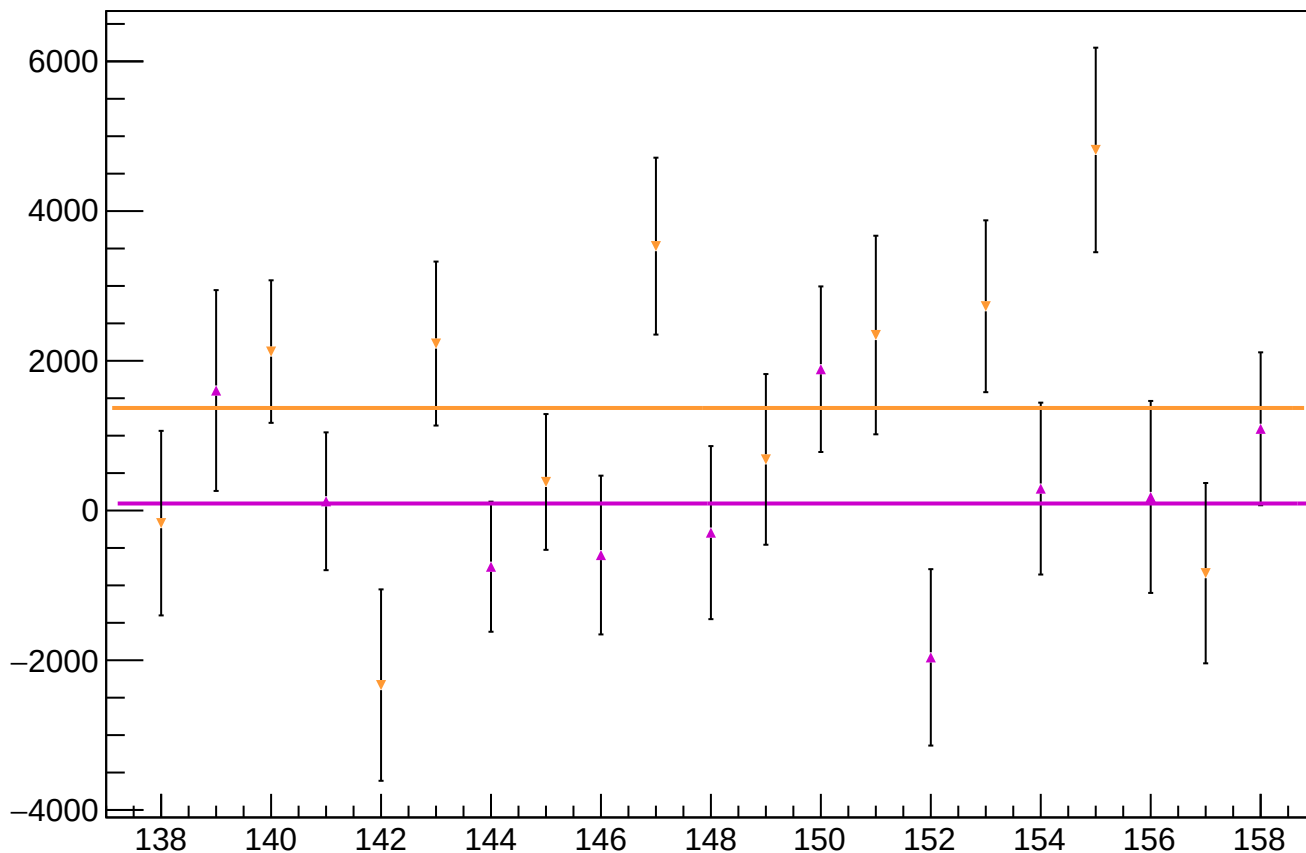
Left In: 970.247+/-0.241 χ^2/NDF : 254835.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.764+/-0.171 χ^2/NDF : 568325.8/20

- 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: 1370.000+/-343.795 χ^2/NDF : 27.7/10

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

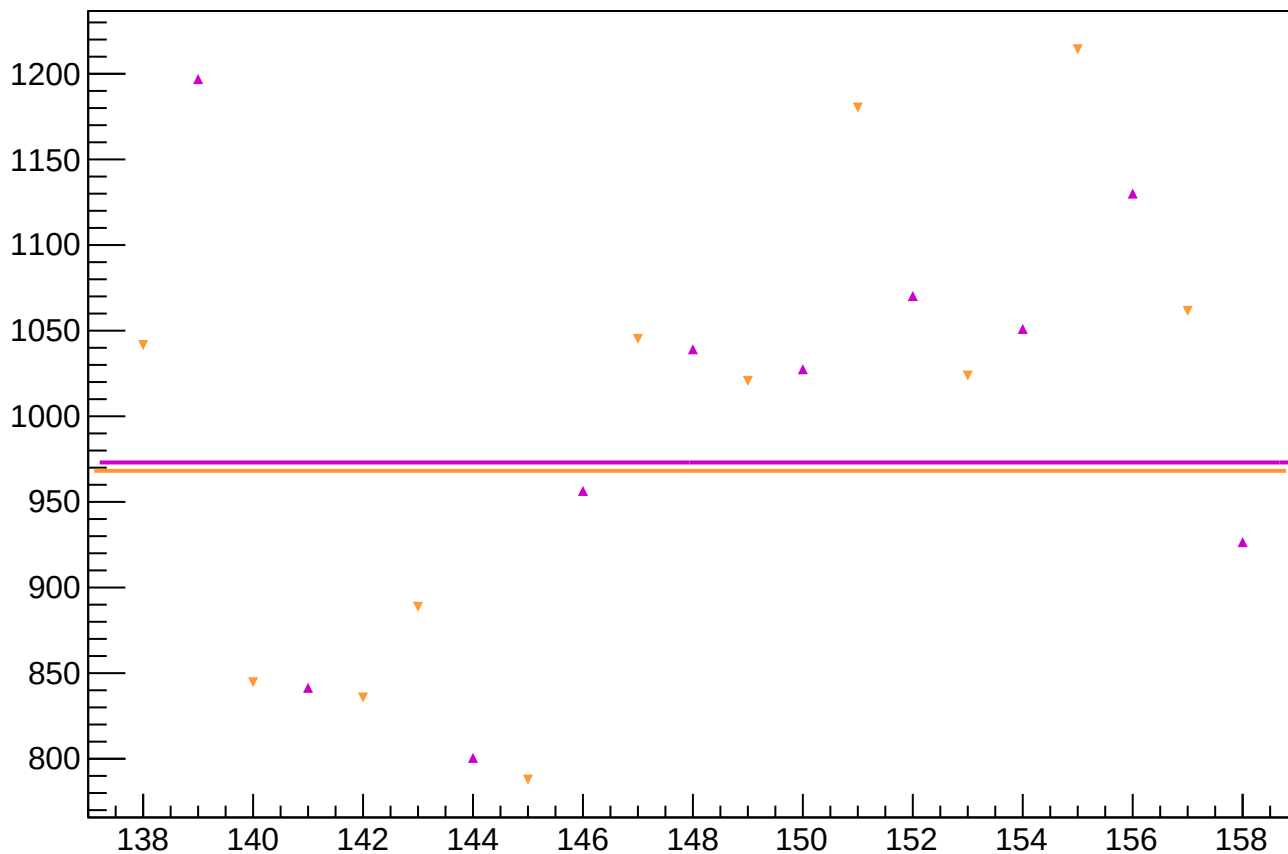
Left In: 93.843+/-341.756 χ^2/NDF : 9.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.126+/-242.376 χ^2/NDF : 44.1/20

- 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: 968.166+/-0.243 χ^2/NDF : 297332.3/10

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

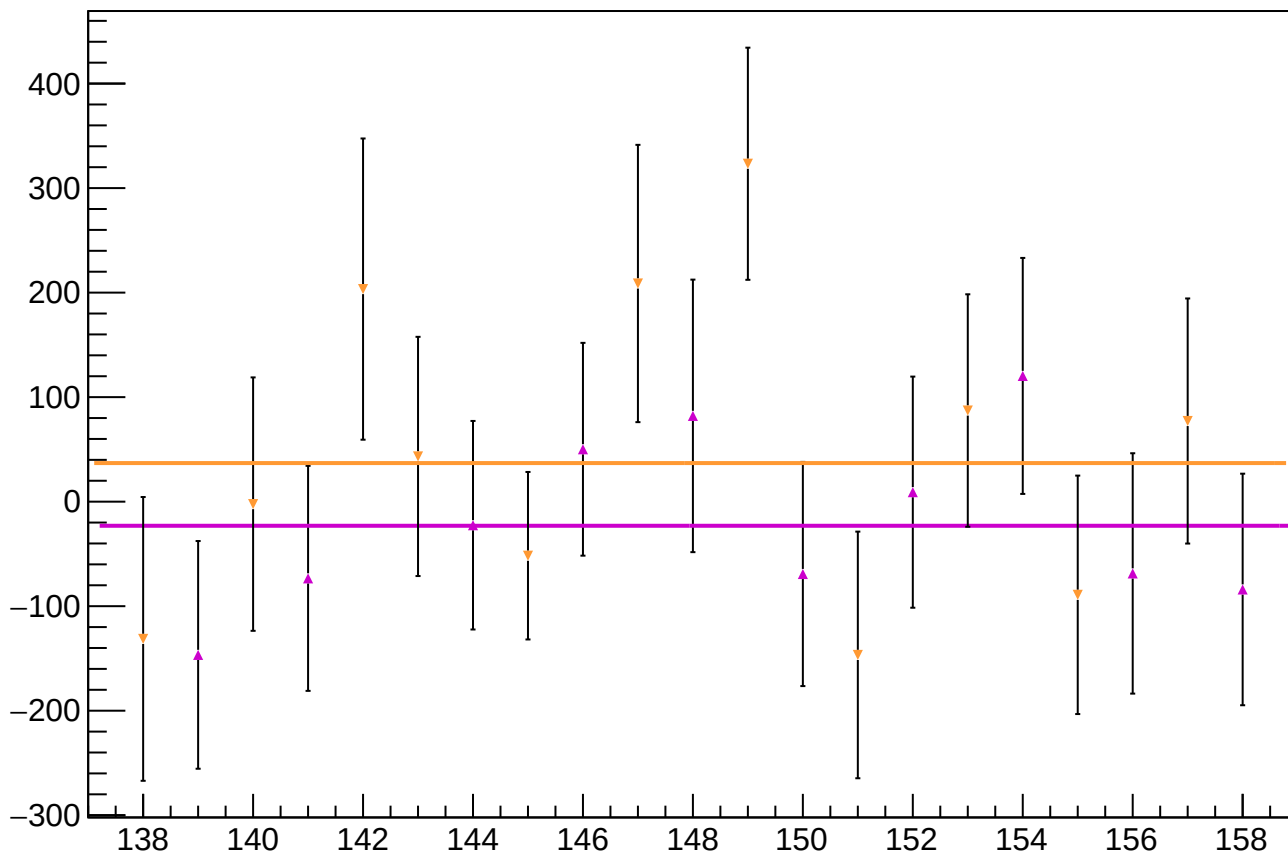
Left In: 973.035+/-0.242 χ^2/NDF : 244301.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.615+/-0.171 χ^2/NDF : 541836.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 36.920+/-34.446 χ^2/NDF :16.5/10

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

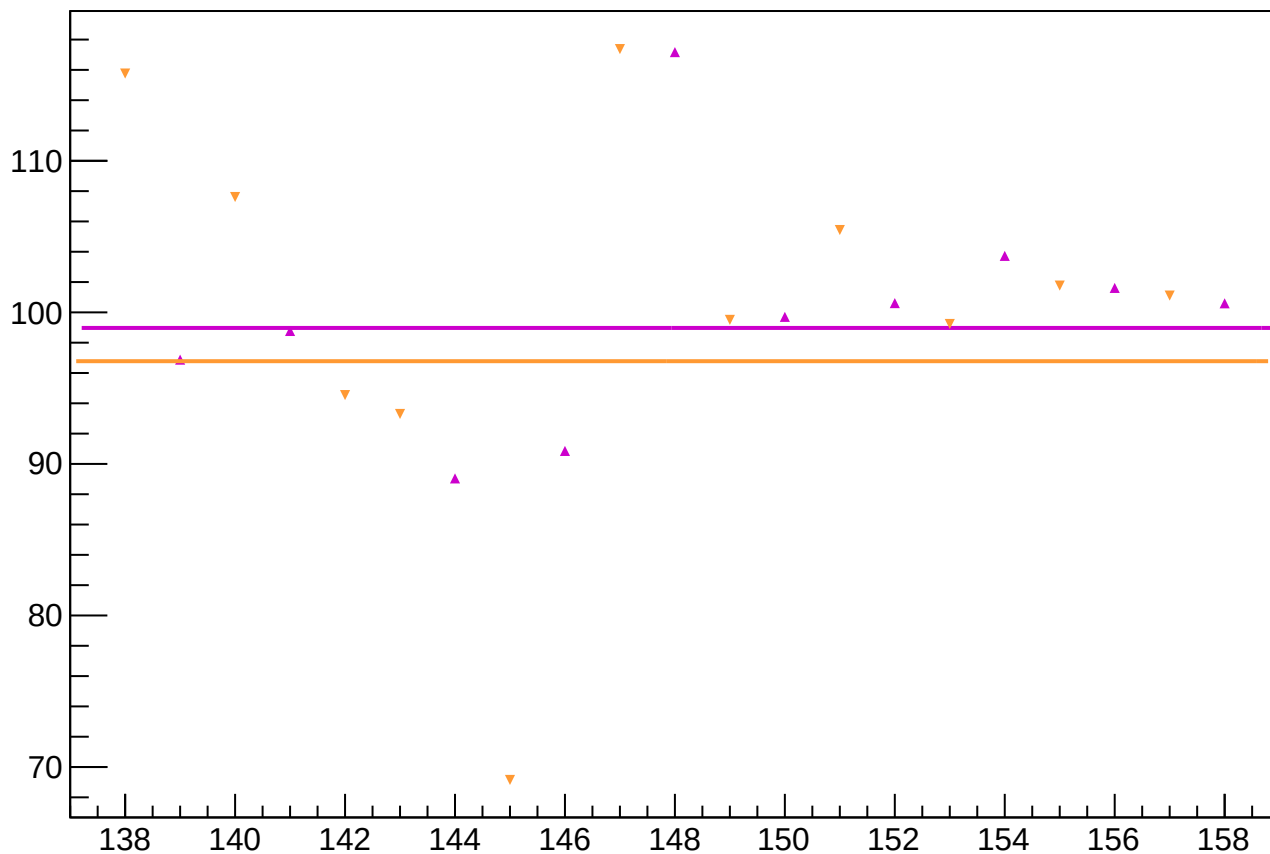
Left In: -23.063+/-34.695 χ^2/NDF :5.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.145+/-24.445 χ^2/NDF : 23.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 96.779+/-0.024 χ^2/NDF : 362901.7/10

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

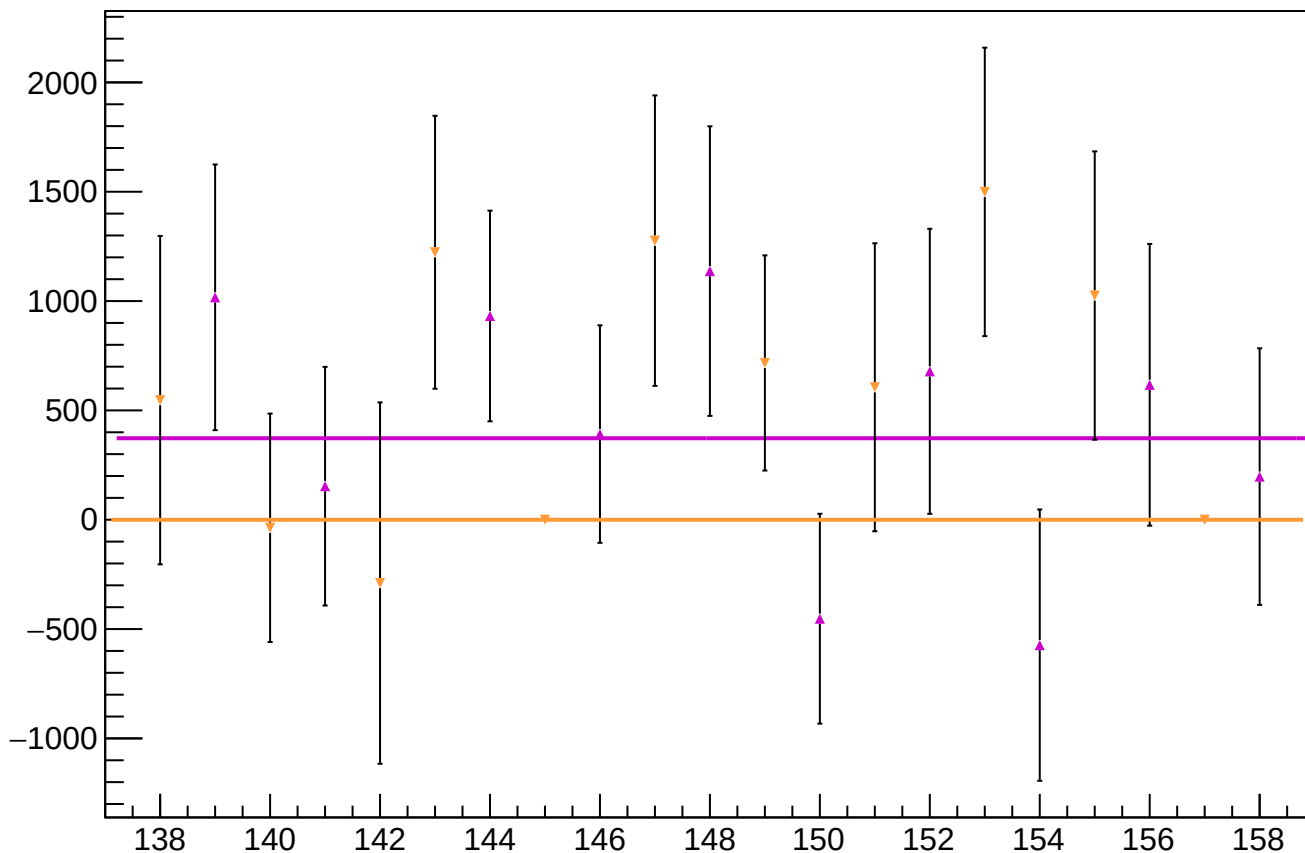
Left In: 98.973+/-0.025 χ^2/NDF : 77804.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.868+/-0.017 χ^2/NDF : 444734.7/20

- 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: 19.0/10

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

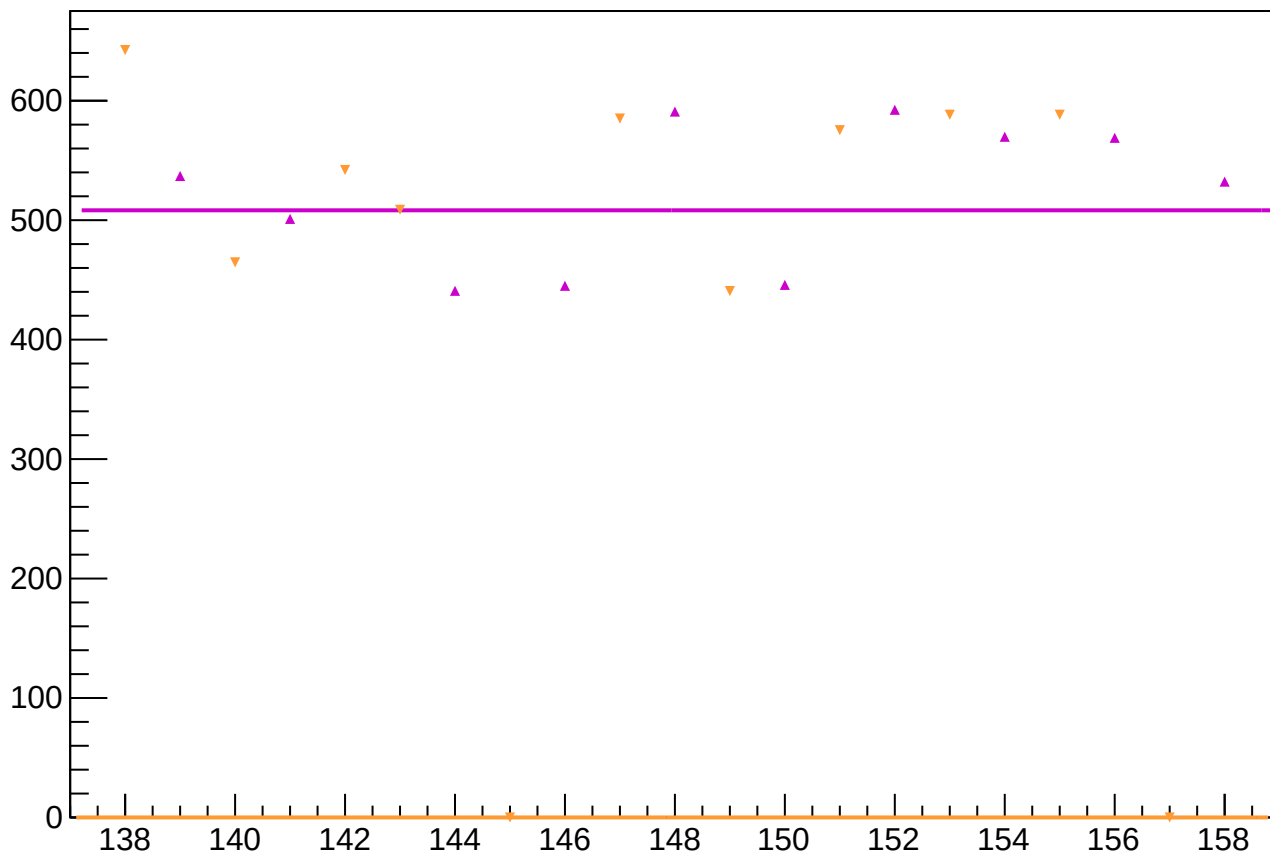
Left In: 372.701 $\pm$ 178.713 χ^2 /NDF: 9.7/9

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 33.1/20

- 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 :13102978.5/10

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

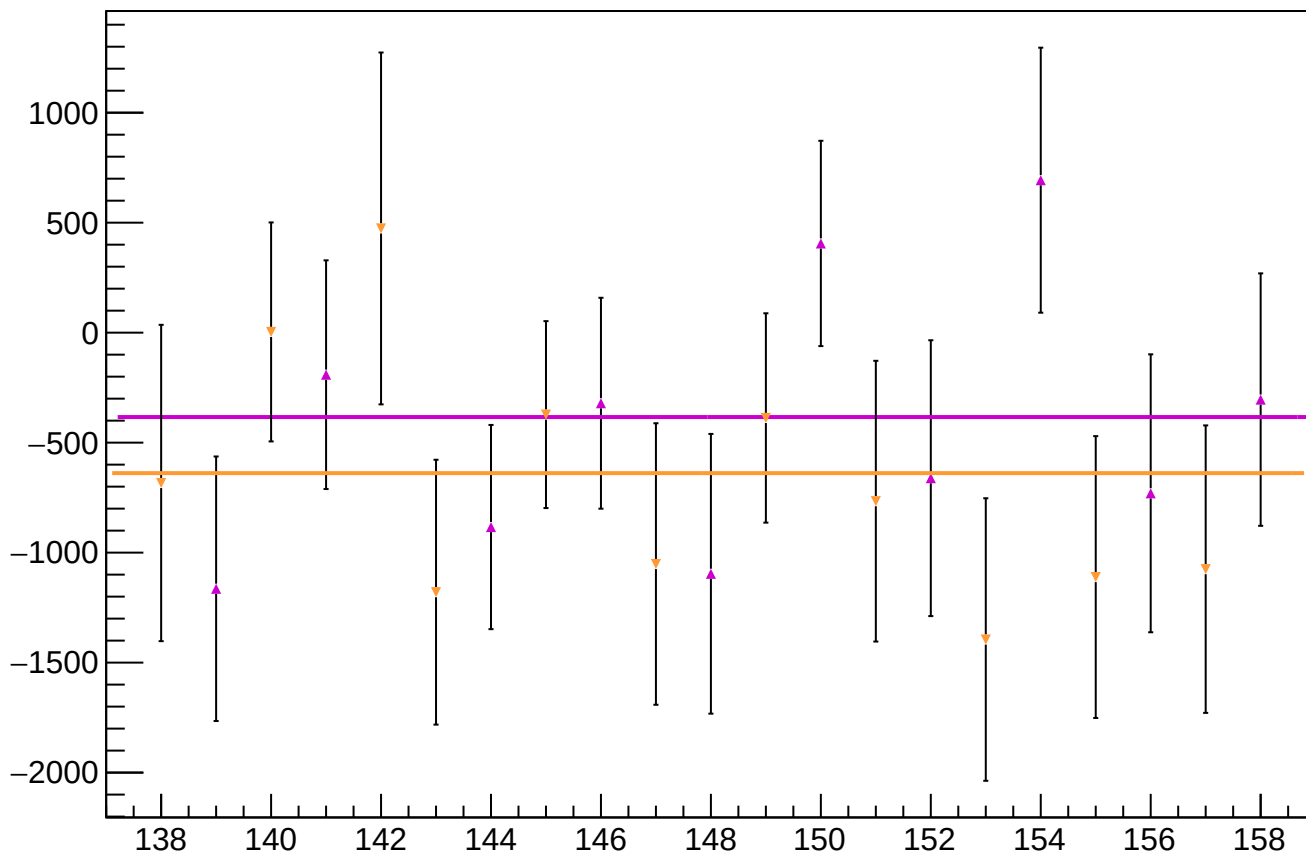
Left In: 508.262+/-0.126 χ^2/NDF :215392.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29495259.9/20

- 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: -638.552+/-175.821 χ^2/NDF : 7.9/10

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

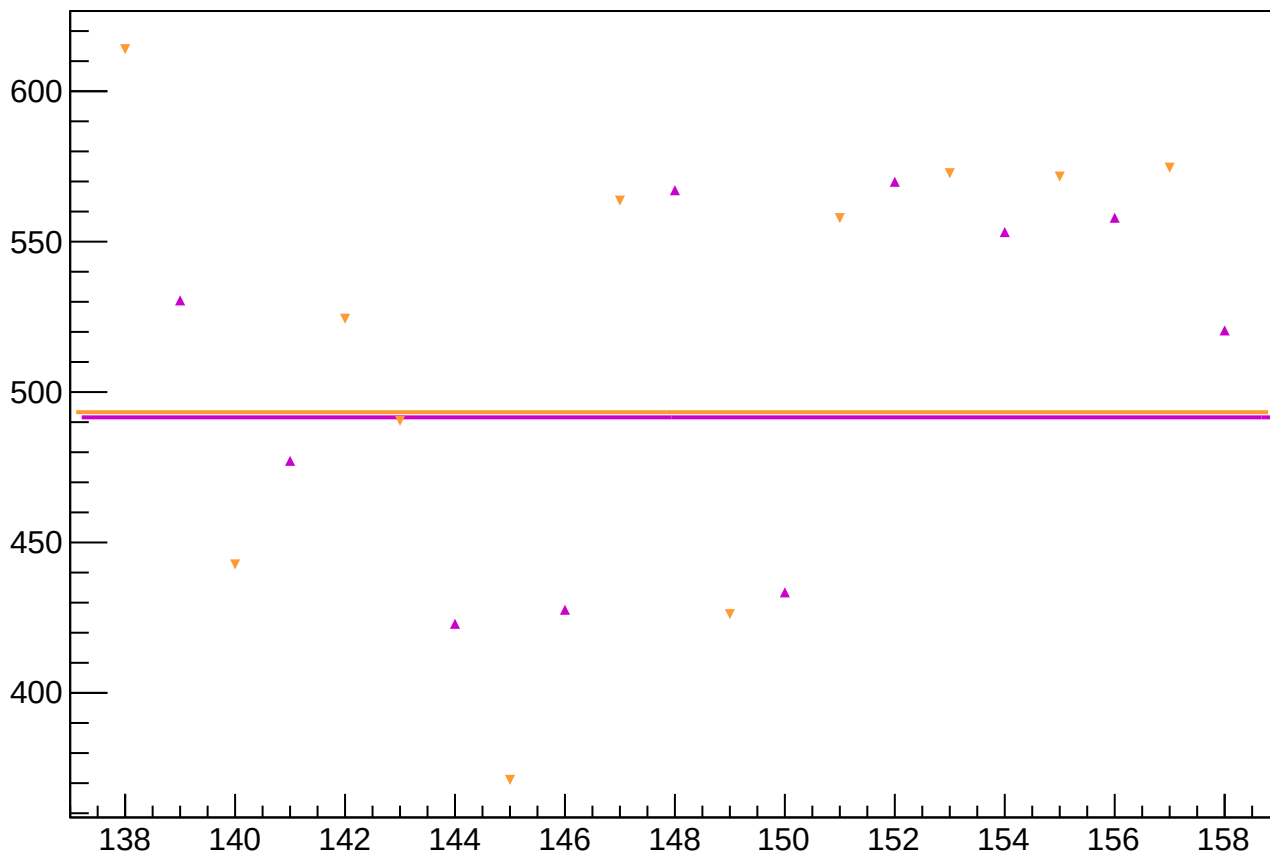
Left In: -383.620+/-173.122 χ^2/NDF : 10.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -509.115+/-123.359 χ^2/NDF : 19.8/20

- 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: 493.314+/-0.124 χ^2/NDF : 421388.3/10

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

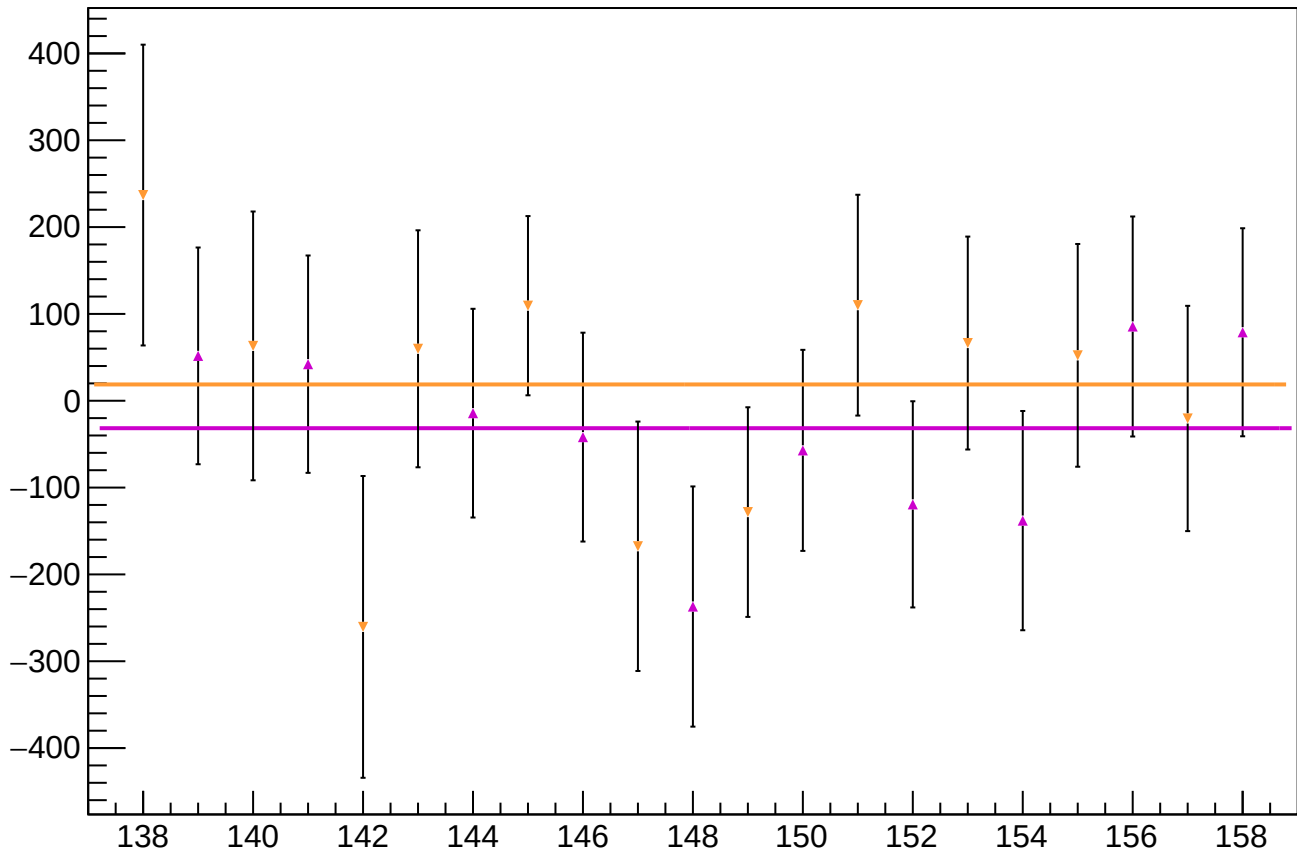
Left In: 491.594+/-0.122 χ^2/NDF : 227718.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.441+/-0.087 χ^2/NDF : 649203.5/20

- 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: 18.777+/-40.115 χ^2/NDF : 9.1/10

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

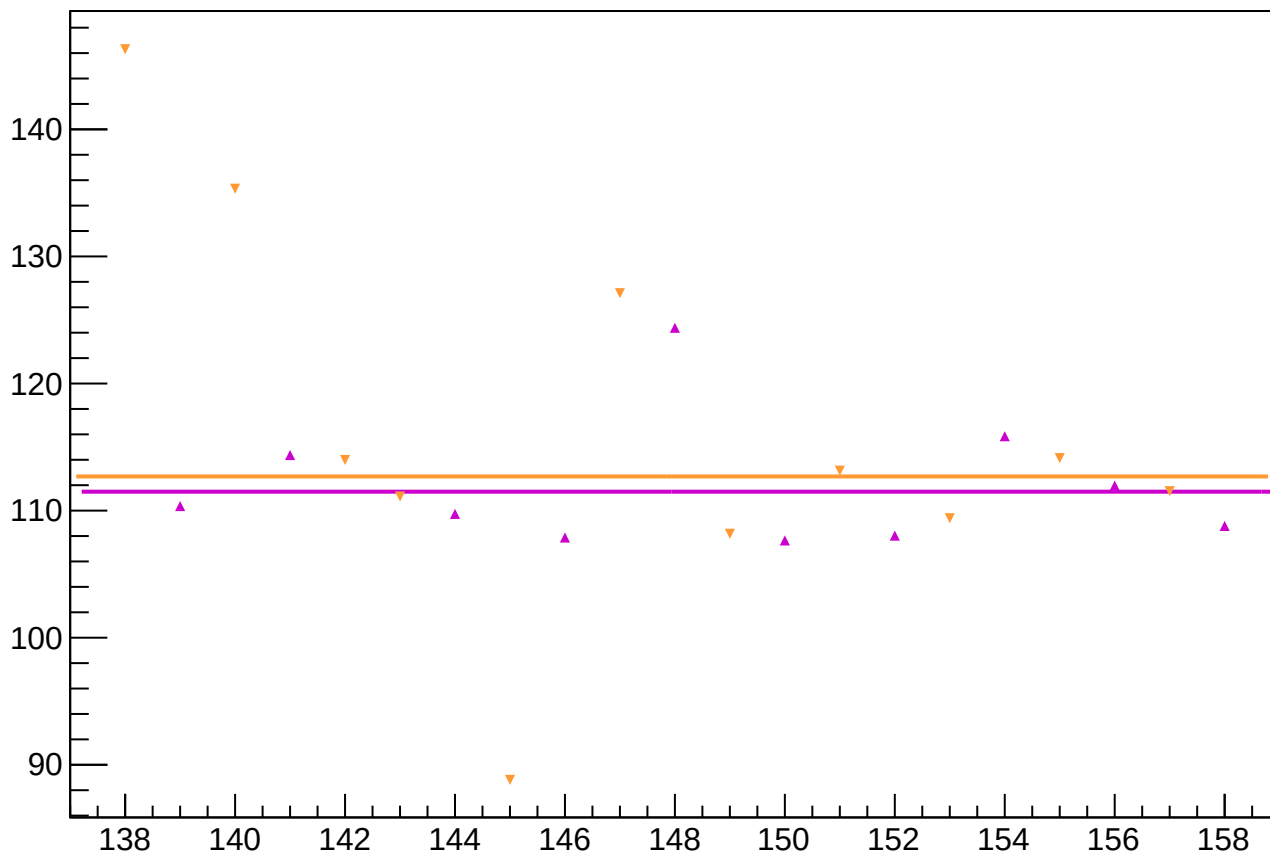
Left In: -31.614+/-38.956 χ^2/NDF : 6.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.157+/-27.947 χ^2/NDF : 16.0/20

- 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: 112.688+/-0.028 χ^2/NDF : 250356.8/10

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

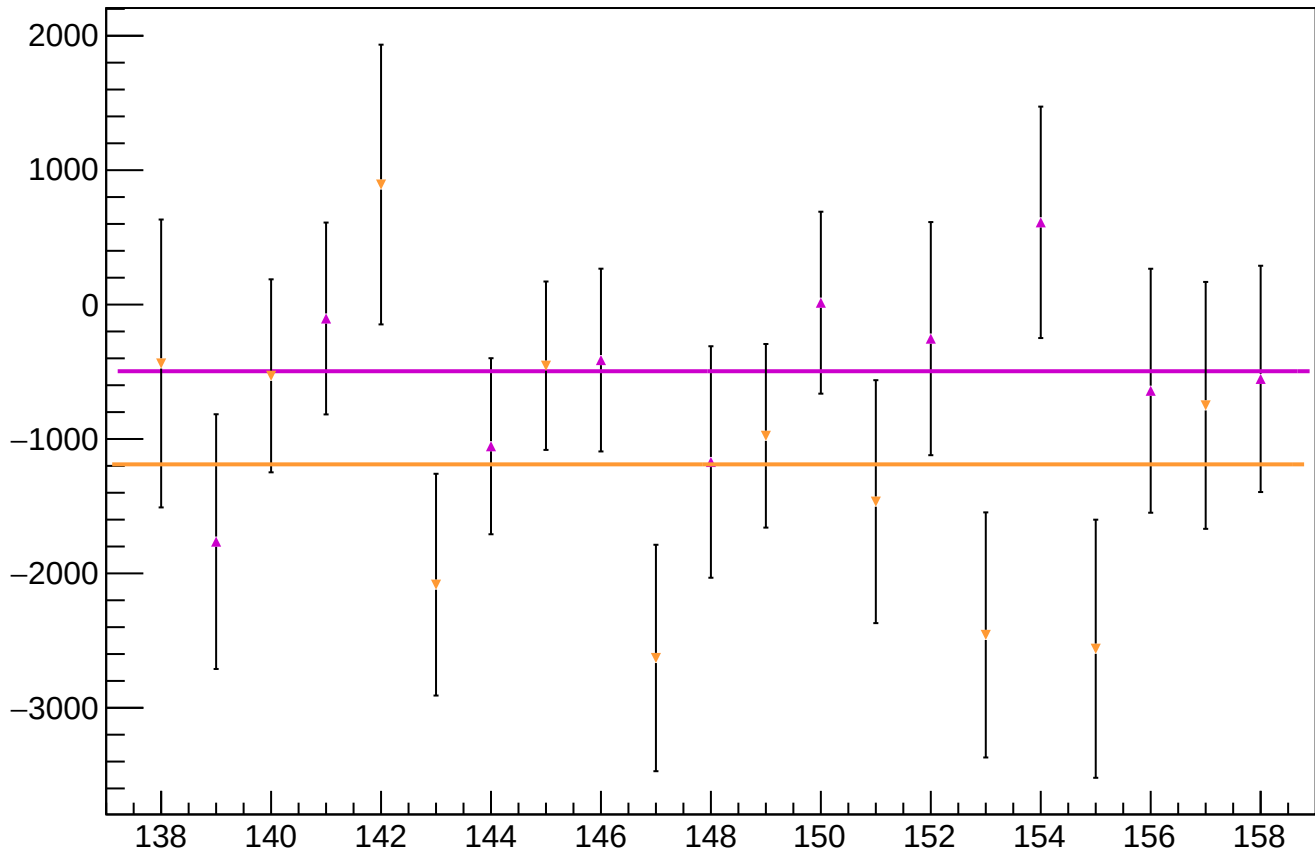
Left In: 111.490+/-0.028 χ^2/NDF : 28160.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.071+/-0.020 χ^2/NDF : 279436.0/20

- 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: -1188.738+/-249.984 χ^2/NDF : 15.2/10

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

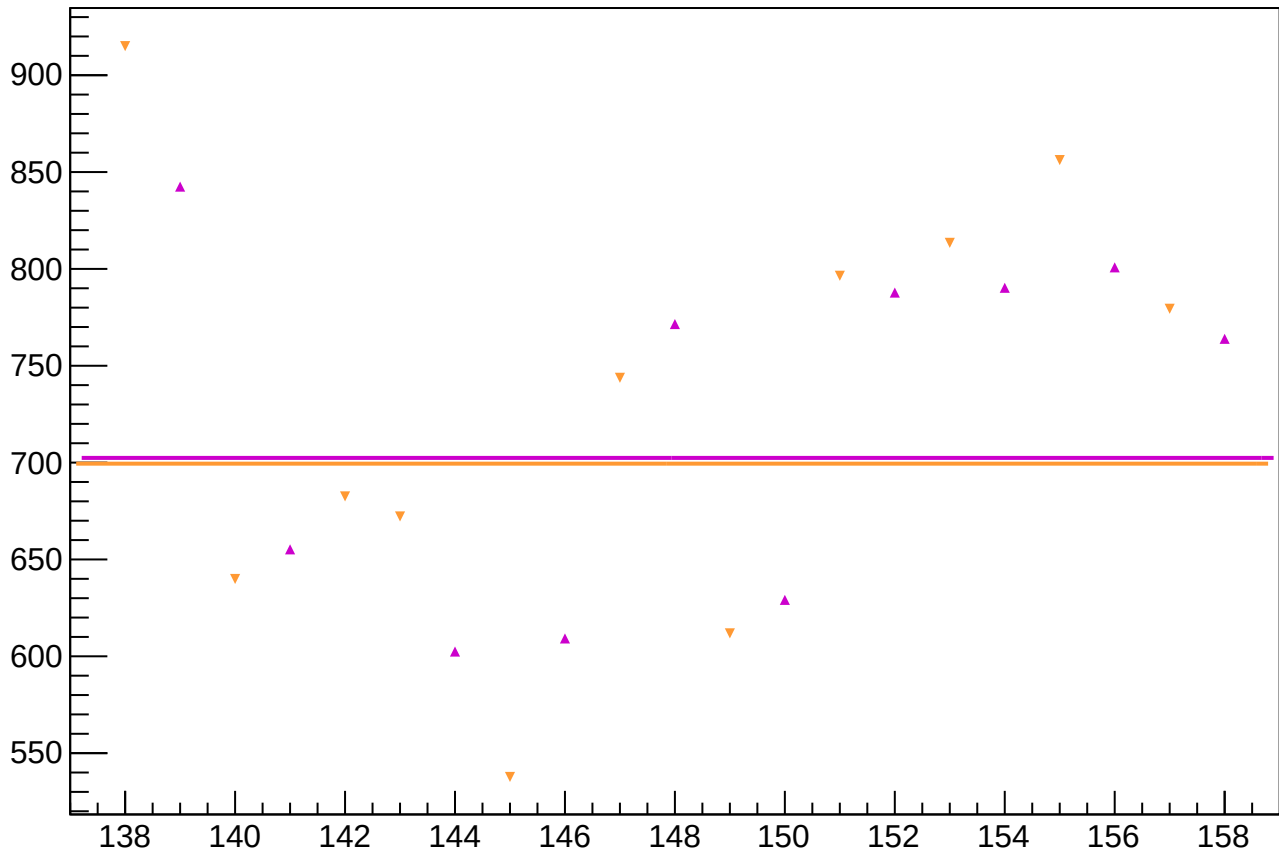
Left In: -495.855+/-246.887 χ^2/NDF : 5.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -837.977+/-175.660 χ^2/NDF : 24.9/20

- 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: 699.455+/-0.177 χ^2/NDF : 391967.7/10

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

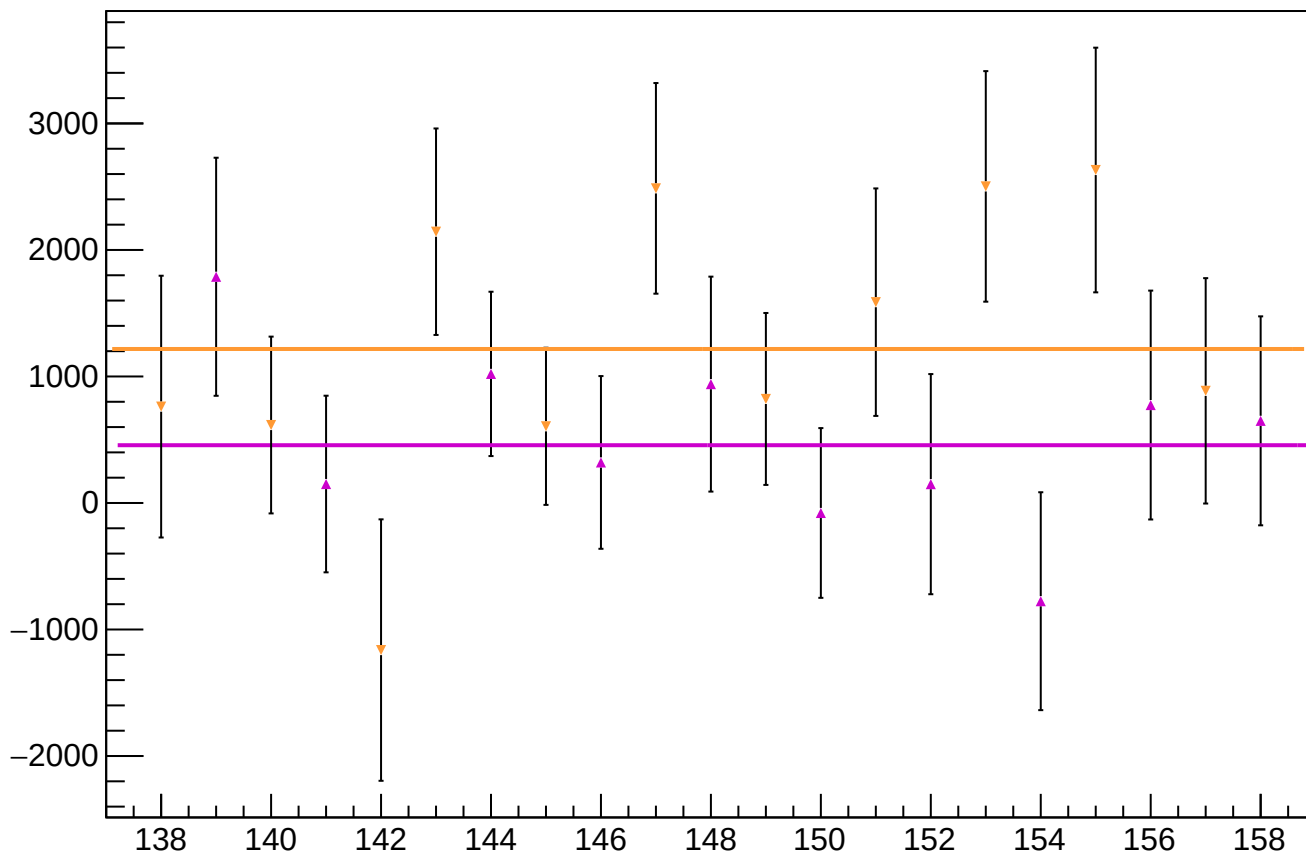
Left In: 702.429+/-0.175 χ^2/NDF : 247305.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.961+/-0.124 χ^2/NDF : 639416.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1217.272+/-246.988 χ^2/NDF : 15.6/10

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

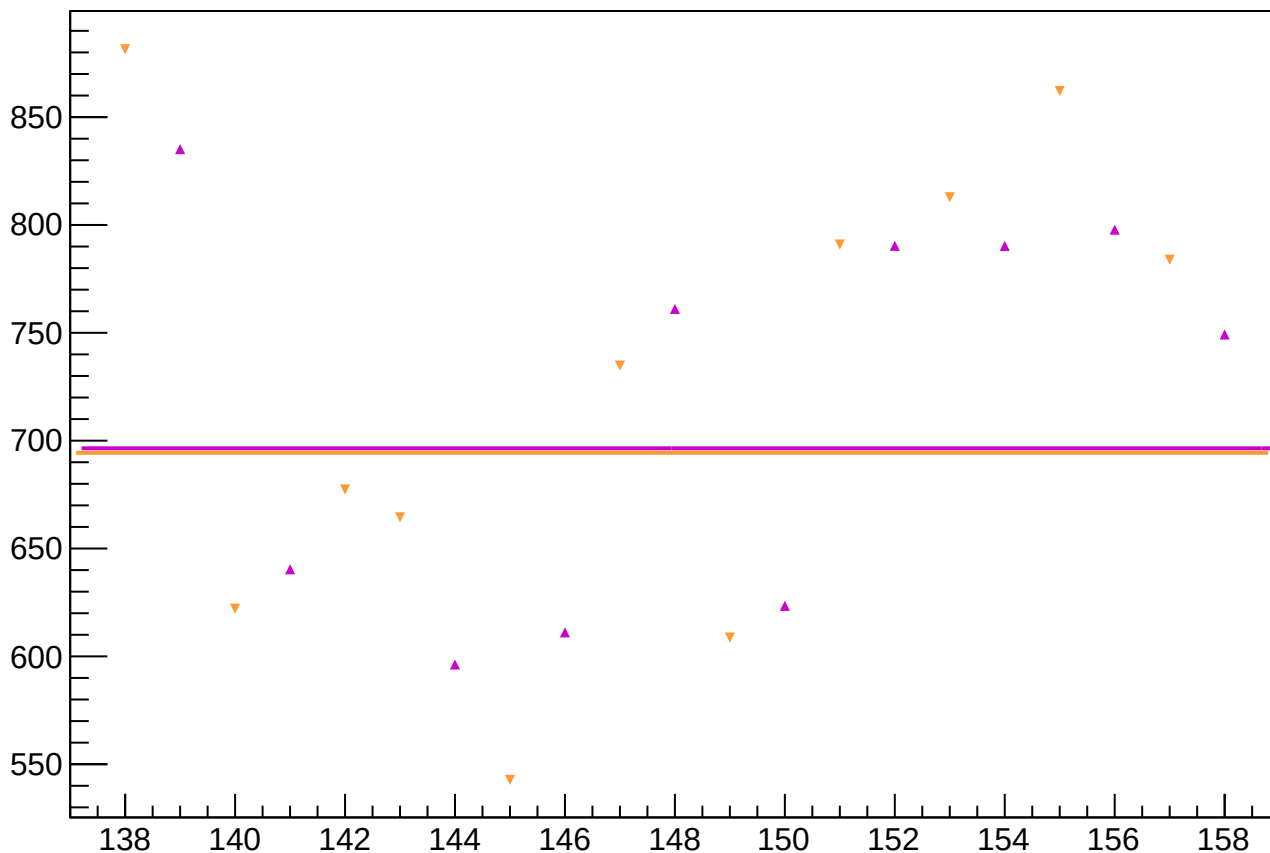
Left In: 456.624+/-244.963 χ^2/NDF : 6.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.818+/-173.927 χ^2/NDF : 26.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 694.383+/-0.175 χ^2/NDF : 382959.9/10

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

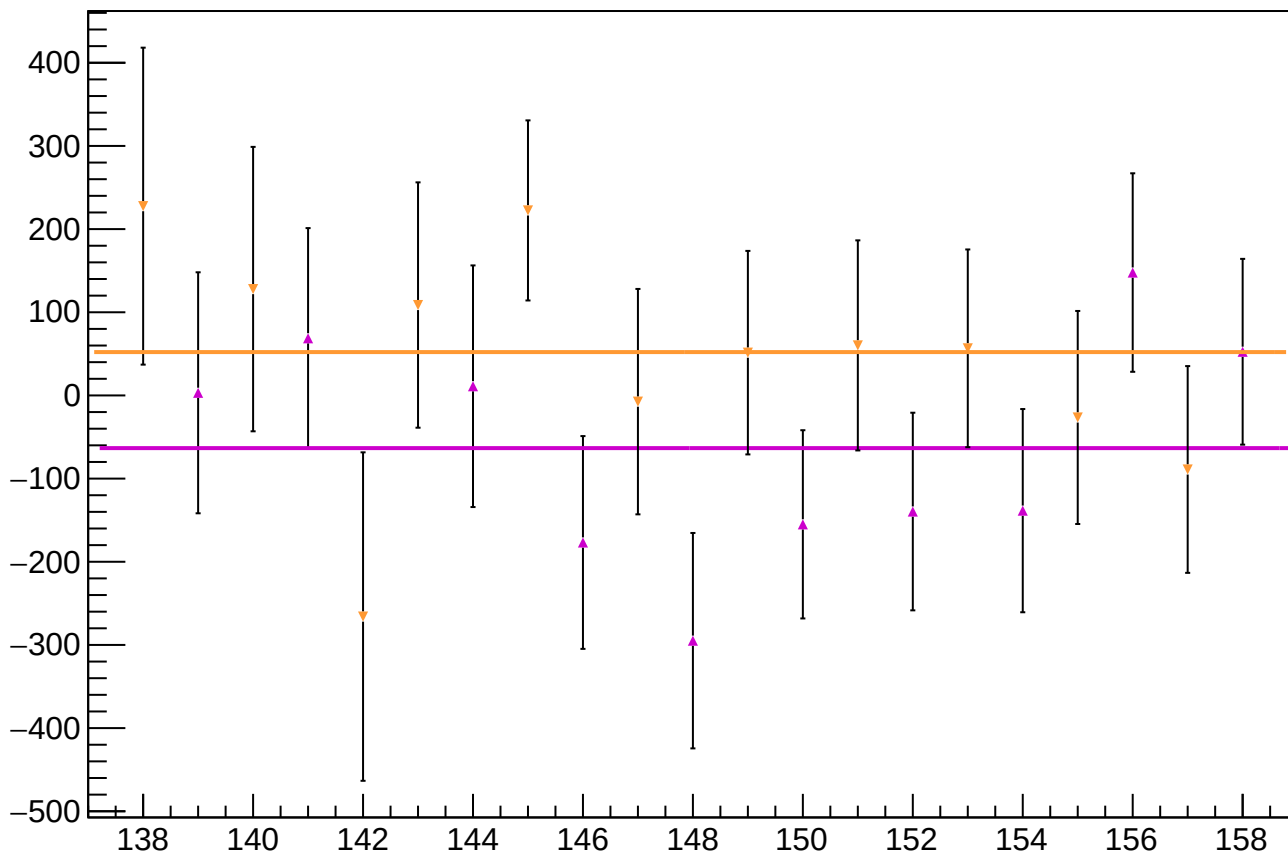
Left In: 696.457+/-0.173 χ^2/NDF : 250858.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.429+/-0.123 χ^2/NDF : 633889.3/20

- 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: 52.126+/-40.858 χ^2/NDF : 8.1/10

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

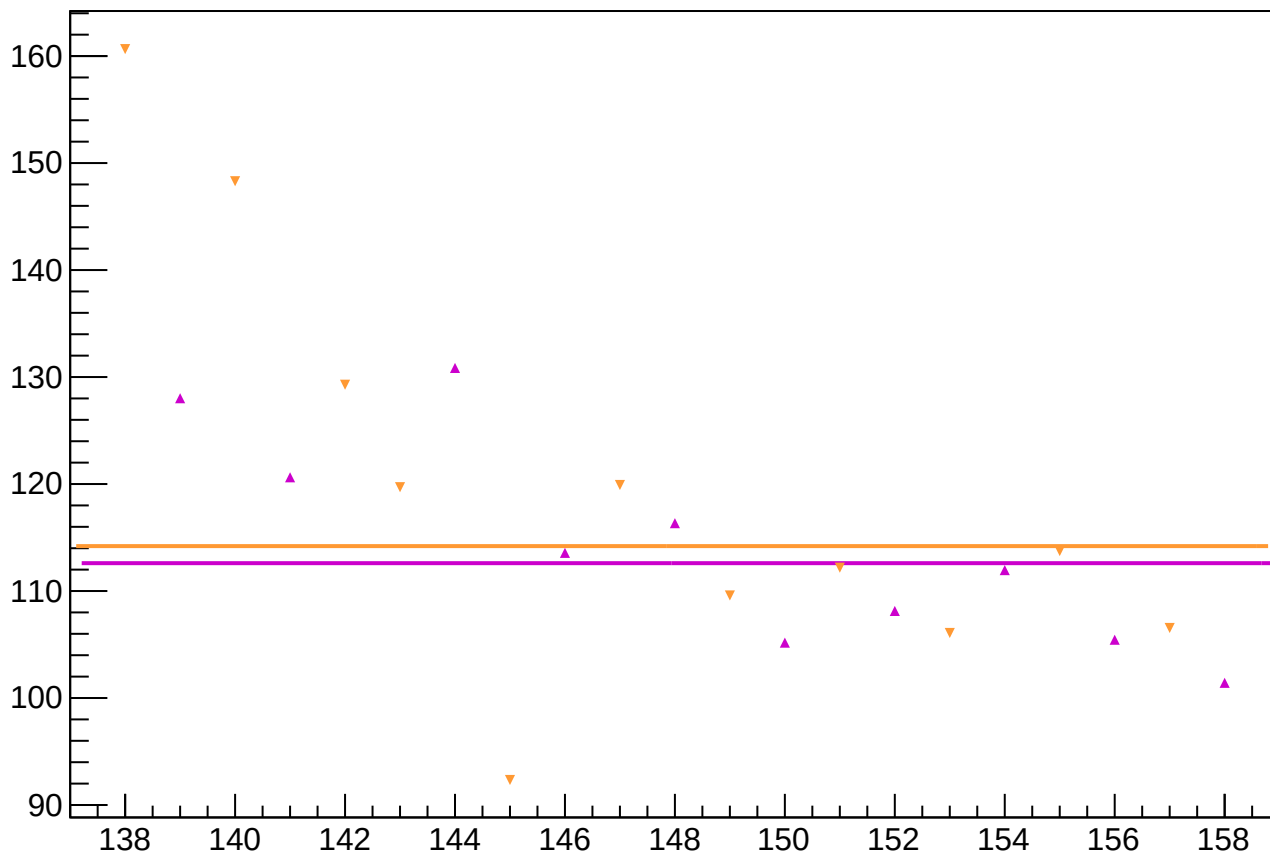
Left In: -63.349+/-39.559 χ^2/NDF : 11.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.476+/-28.421 χ^2/NDF : 23.3/20

- 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: 114.197+/-0.029 χ^2/NDF : 318209.2/10

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

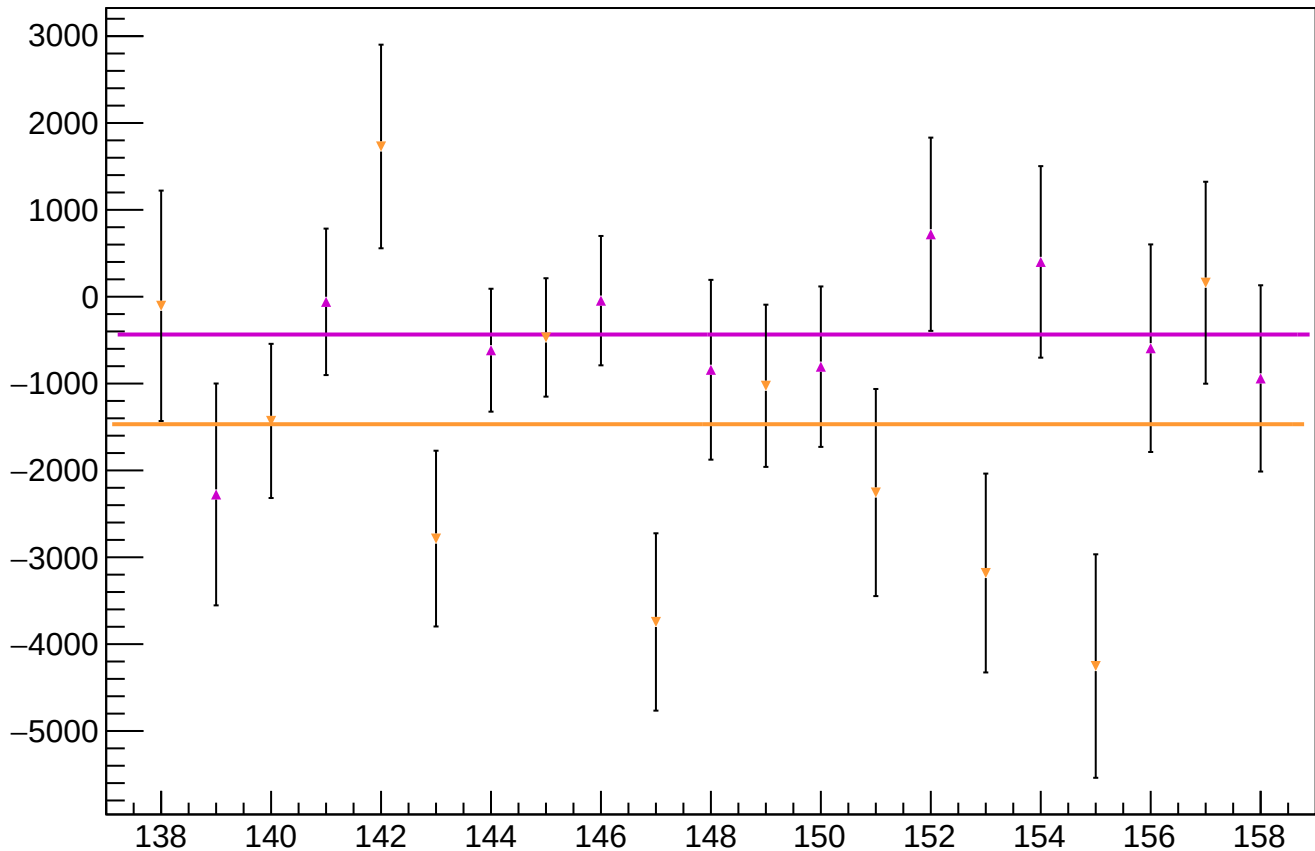
Left In: 112.603+/-0.028 χ^2/NDF : 102057.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.374+/-0.020 χ^2/NDF : 421838.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1467.976+/-306.975 χ^2/NDF :26.9/10

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

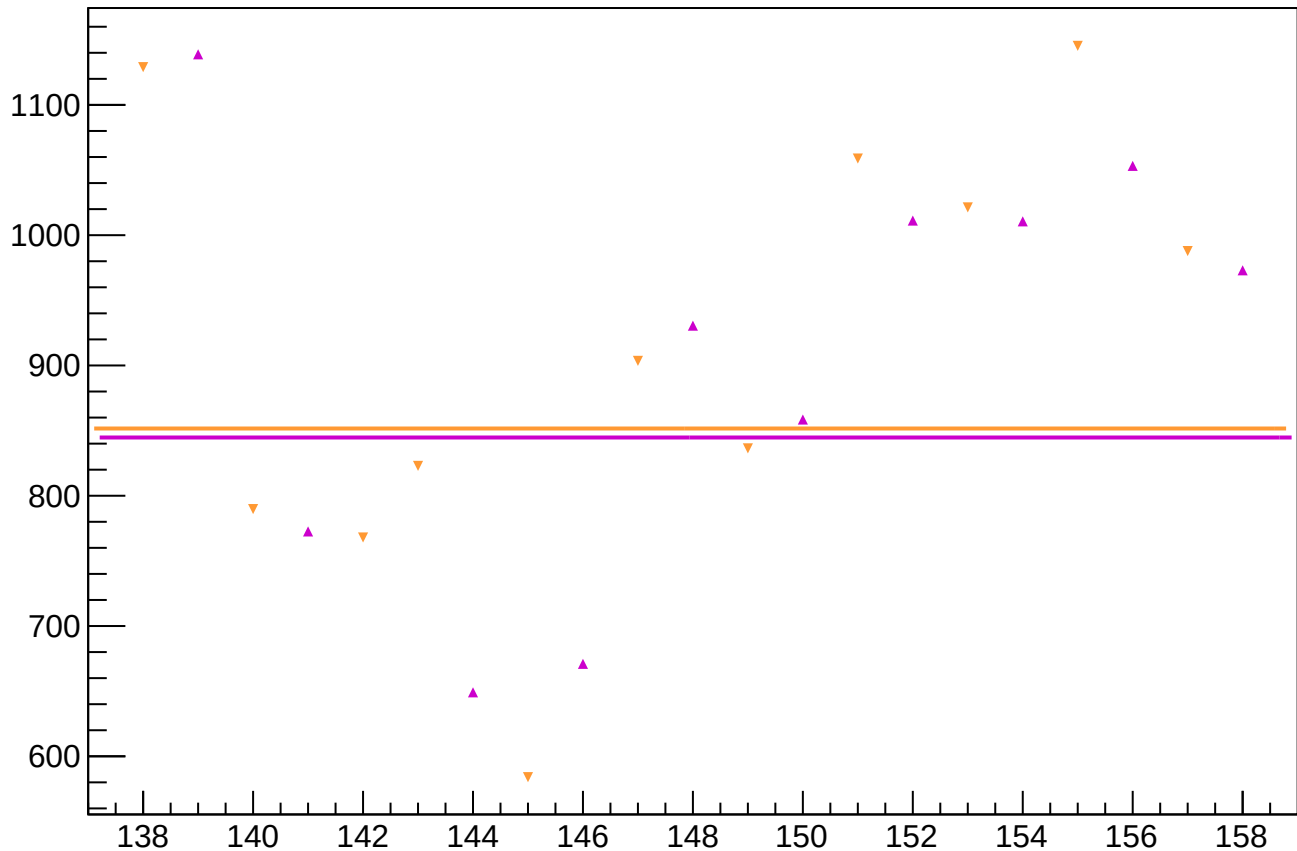
Left In: -435.265+/-299.792 χ^2/NDF :4.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -939.396+/-214.480 χ^2/NDF : 37.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 851.612+/-0.217 χ^2/NDF : 659101.5/10

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

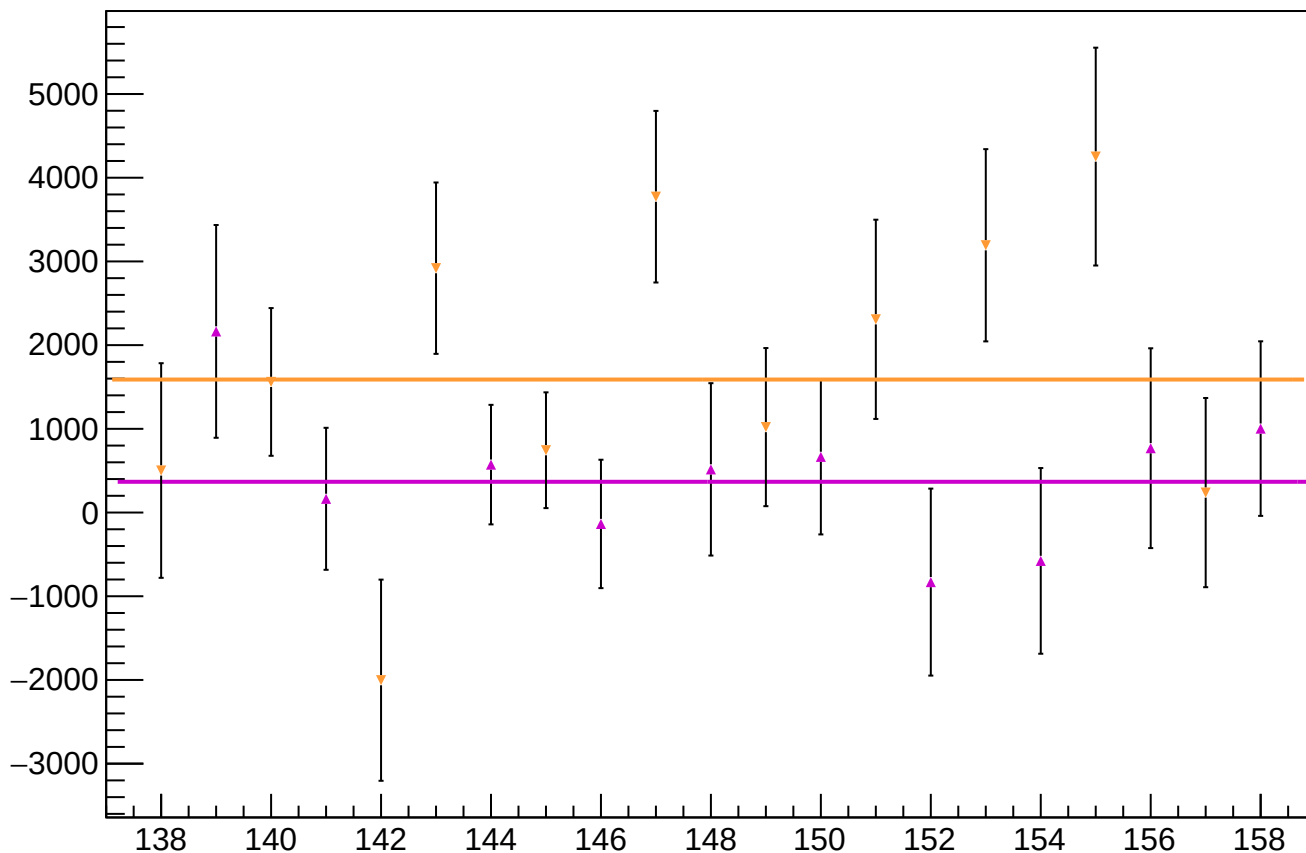
Left In: 844.701+/-0.212 χ^2/NDF : 576226.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.075+/-0.152 χ^2/NDF : 1235846.4/20

- 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: 1588.941+/-308.005 χ^2/NDF : 25.7/10

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

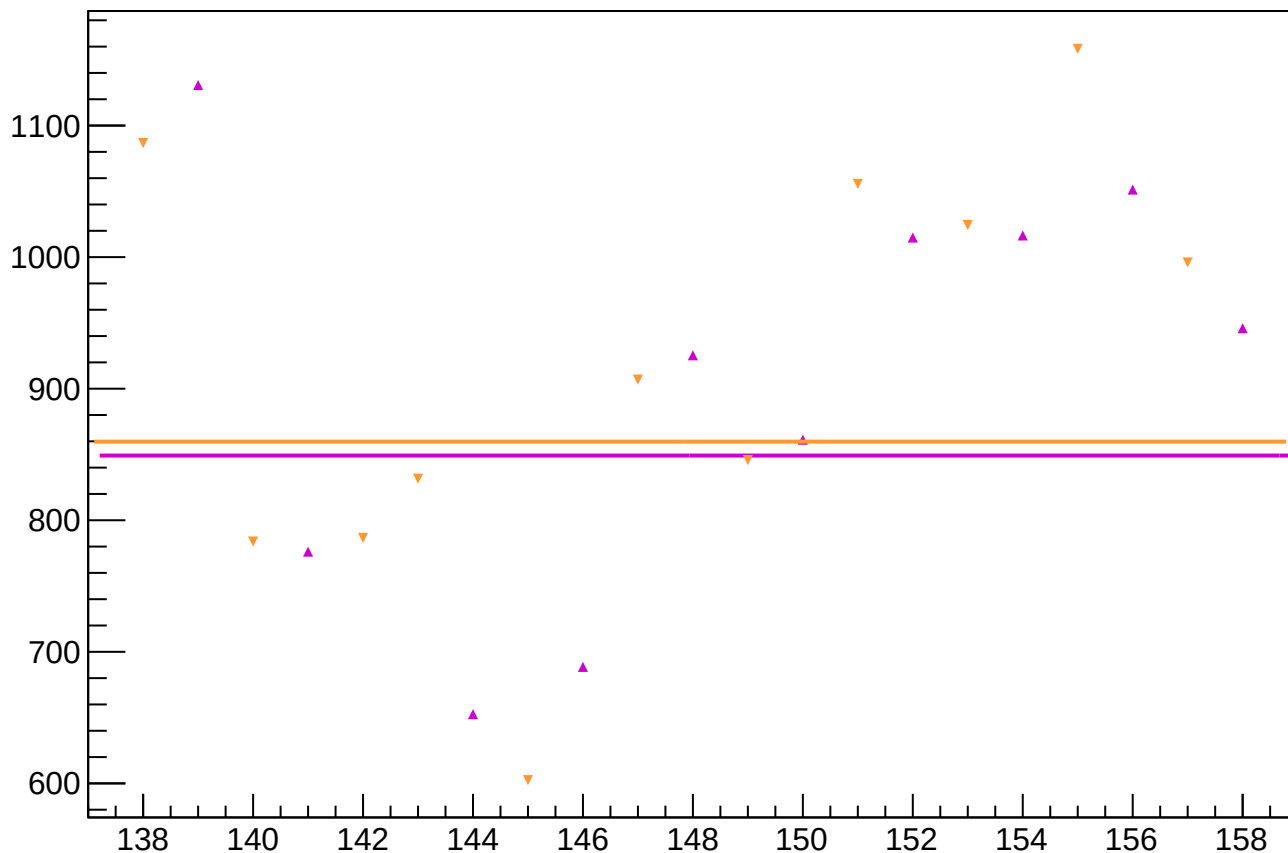
Left In: 367.370+/-301.328 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.771+/-215.393 χ^2/NDF : 38.8/20

- 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: 859.761+/-0.218 χ^2/NDF : 597564.9/10

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

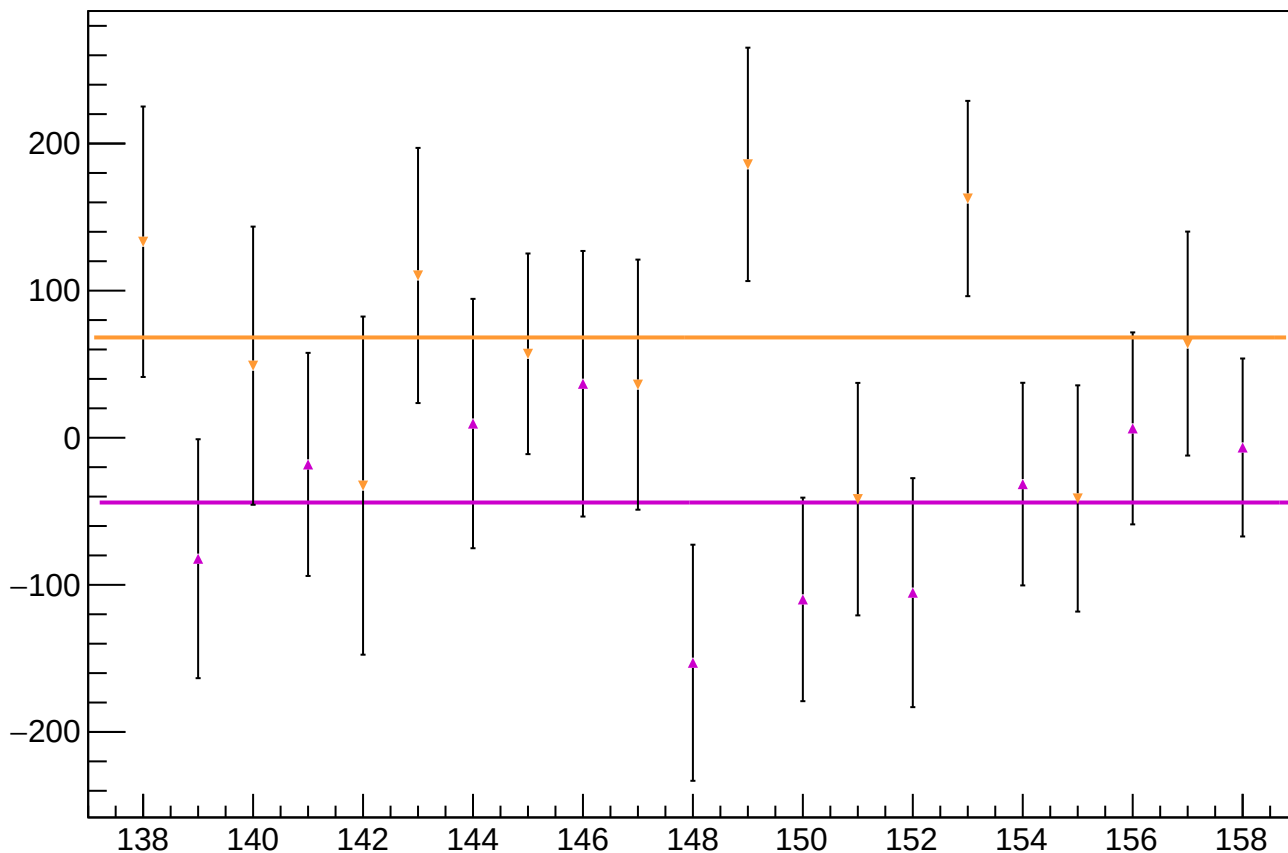
Left In: 849.181+/-0.213 χ^2/NDF : 527646.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 854.355+/-0.152 χ^2/NDF : 1126417.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 68.178+/-24.398 χ^2/NDF : 9.9/10

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

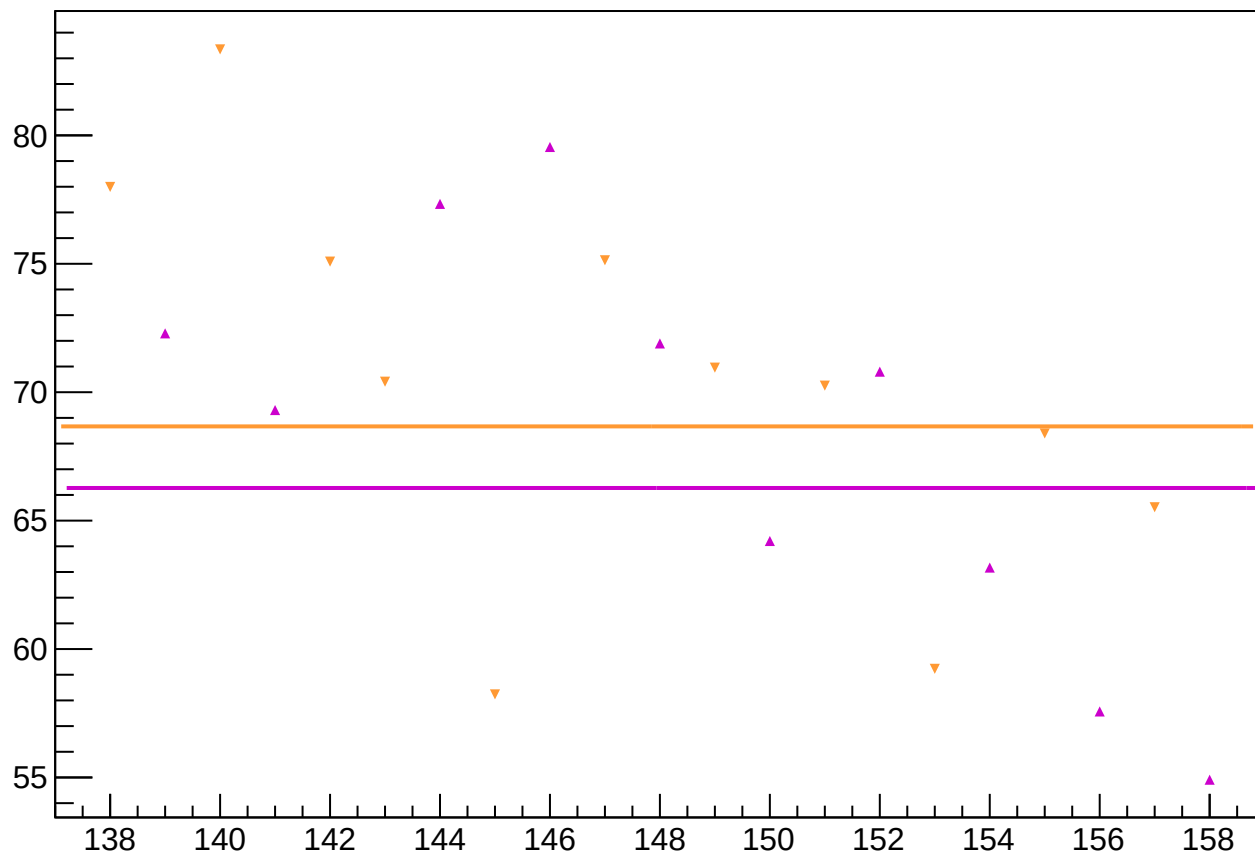
Left In: -44.030+/-23.340 χ^2/NDF : 5.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.587+/-16.866 χ^2/NDF : 26.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 68.669+/-0.017 χ^2/NDF :180574.9/10

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

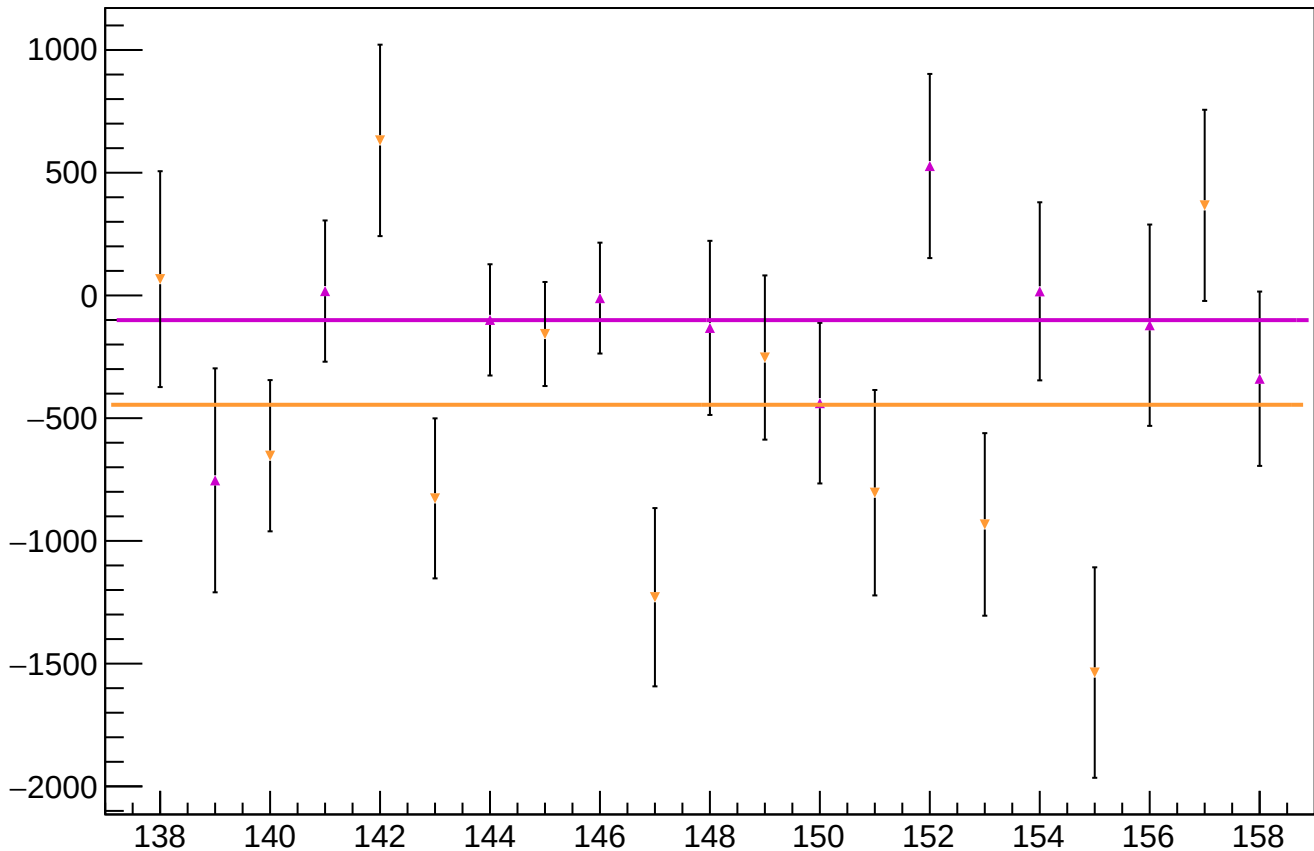
Left In: 66.271+/-0.017 χ^2/NDF :220034.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.417+/-0.012 χ^2/NDF : 410695.4/20

- 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: -445.393+/-102.359 χ^2/NDF :30.9/10

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

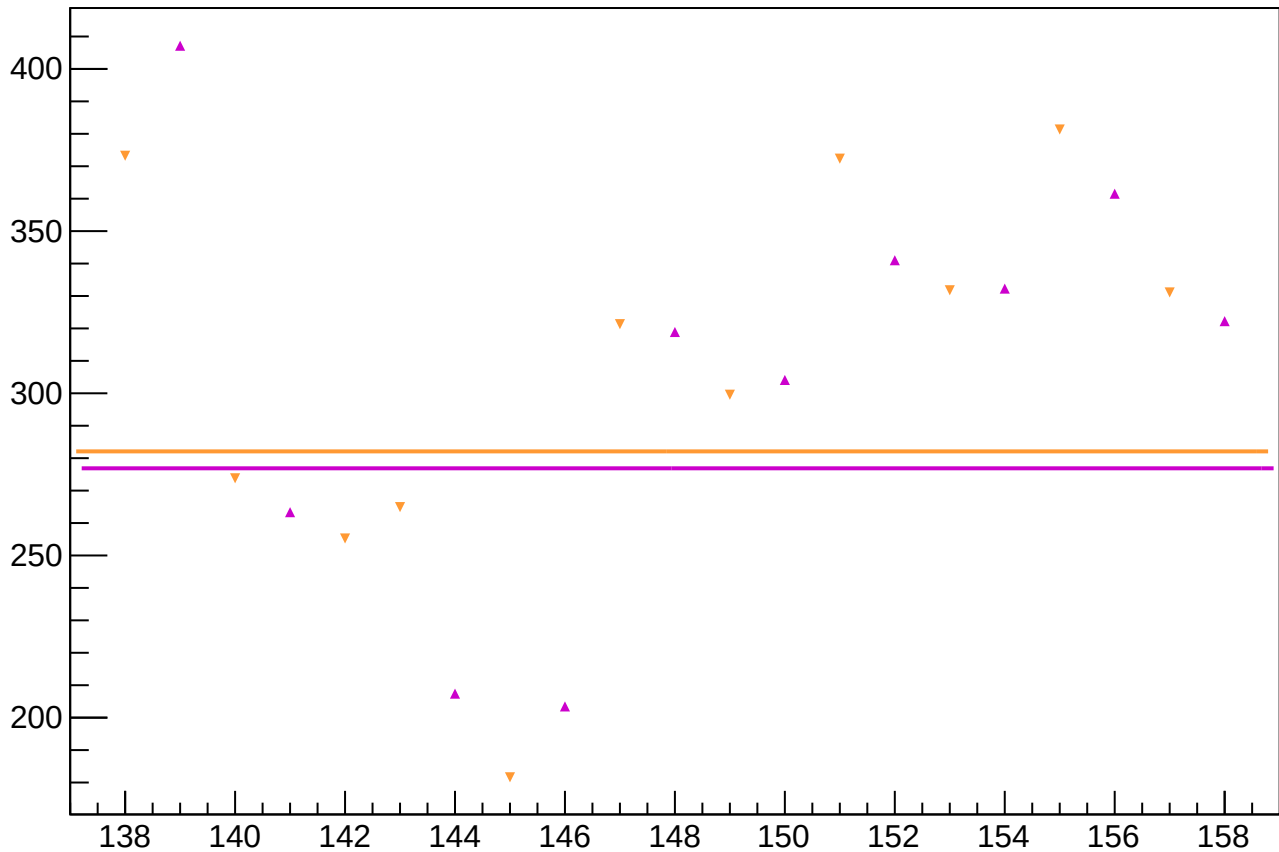
Left In: -100.555+/-99.103 χ^2/NDF :6.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.401+/-71.200 χ^2/NDF : 43.6/20

- 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: 282.092+/-0.072 χ^2/NDF : 848218.7/10

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

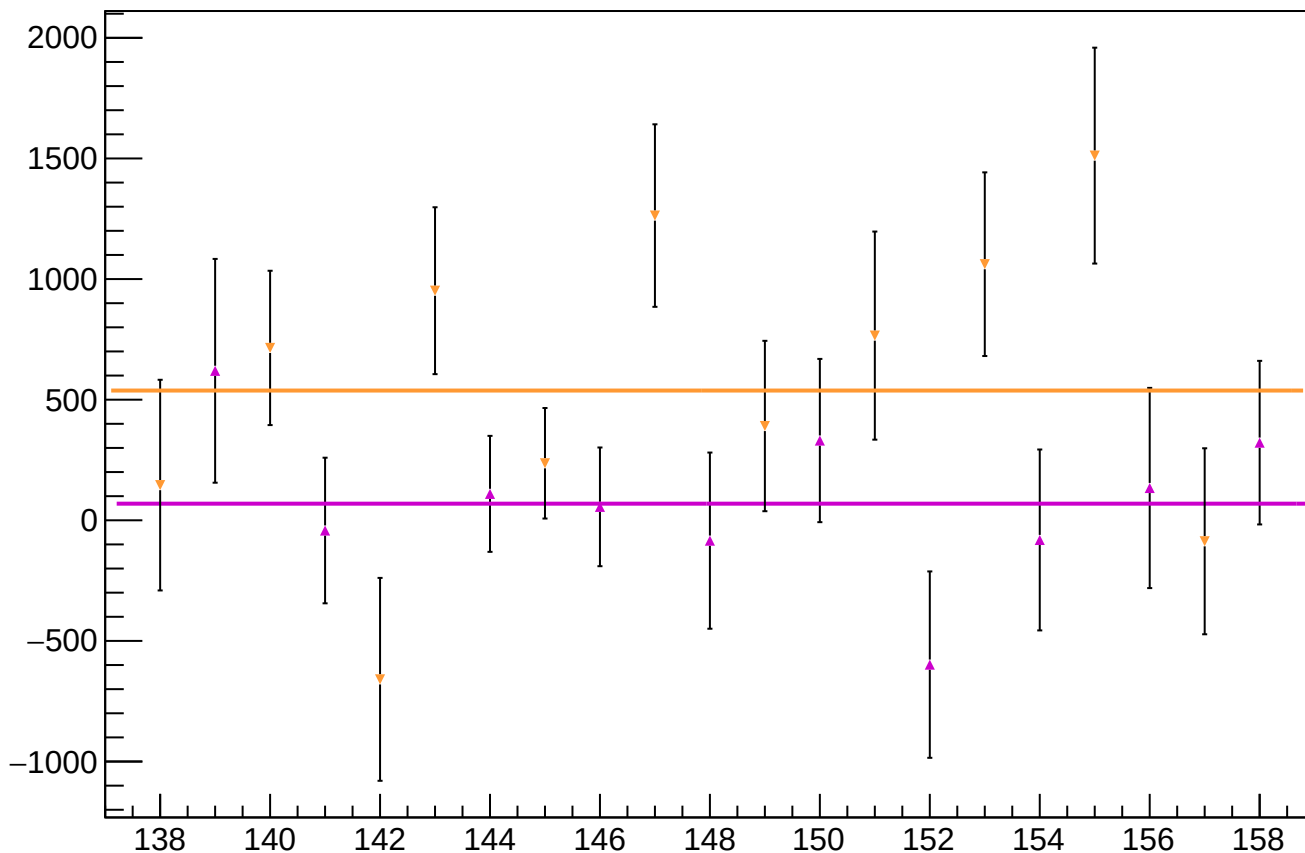
Left In: 276.872+/-0.070 χ^2/NDF : 831633.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.398+/-0.050 χ^2/NDF : 1682537.2/20

- 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: 537.910+/-107.160 χ^2/NDF : 25.8/10

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

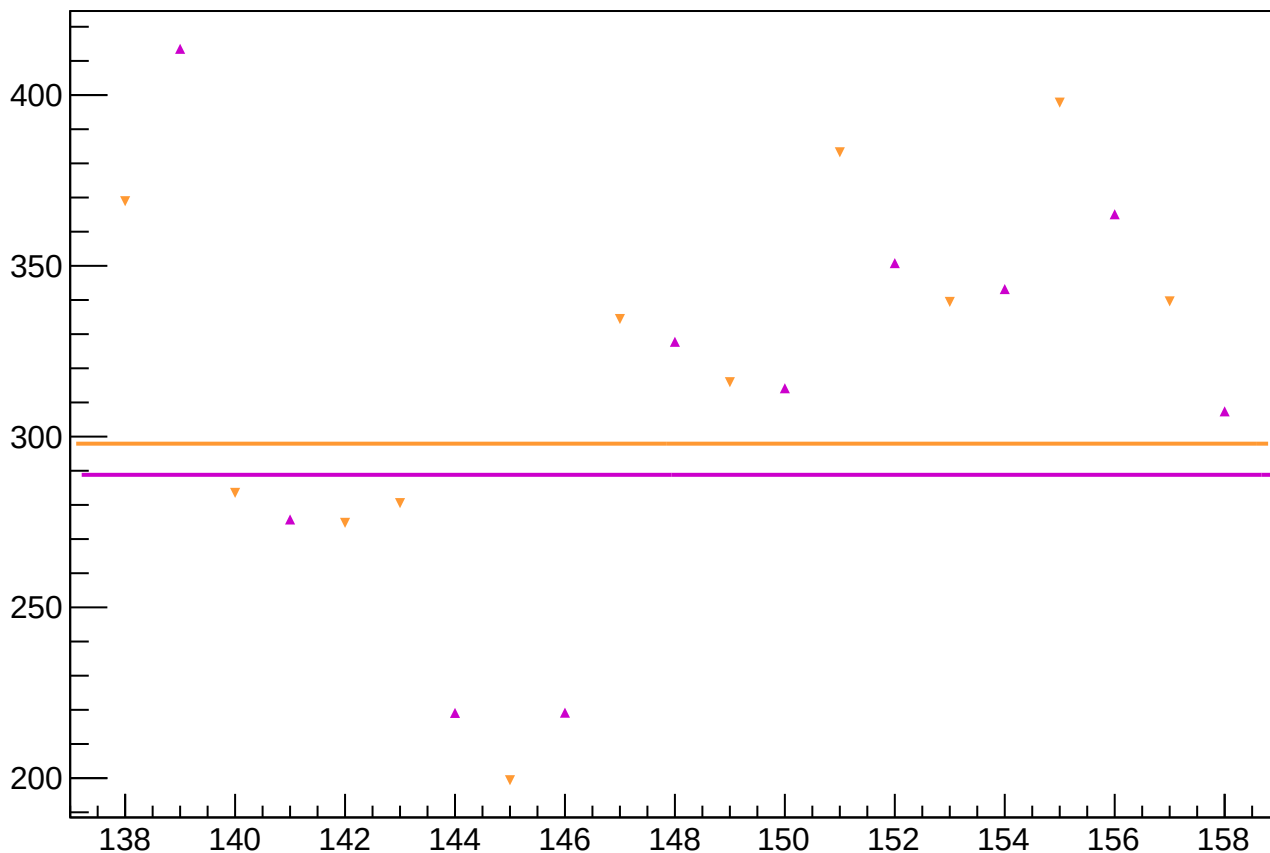
Left In: 68.920+/-103.146 χ^2/NDF : 6.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.465+/-74.314 χ^2/NDF : 41.8/20

- 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: 297.933+/-0.076 χ^2/NDF : 686889.3/10

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

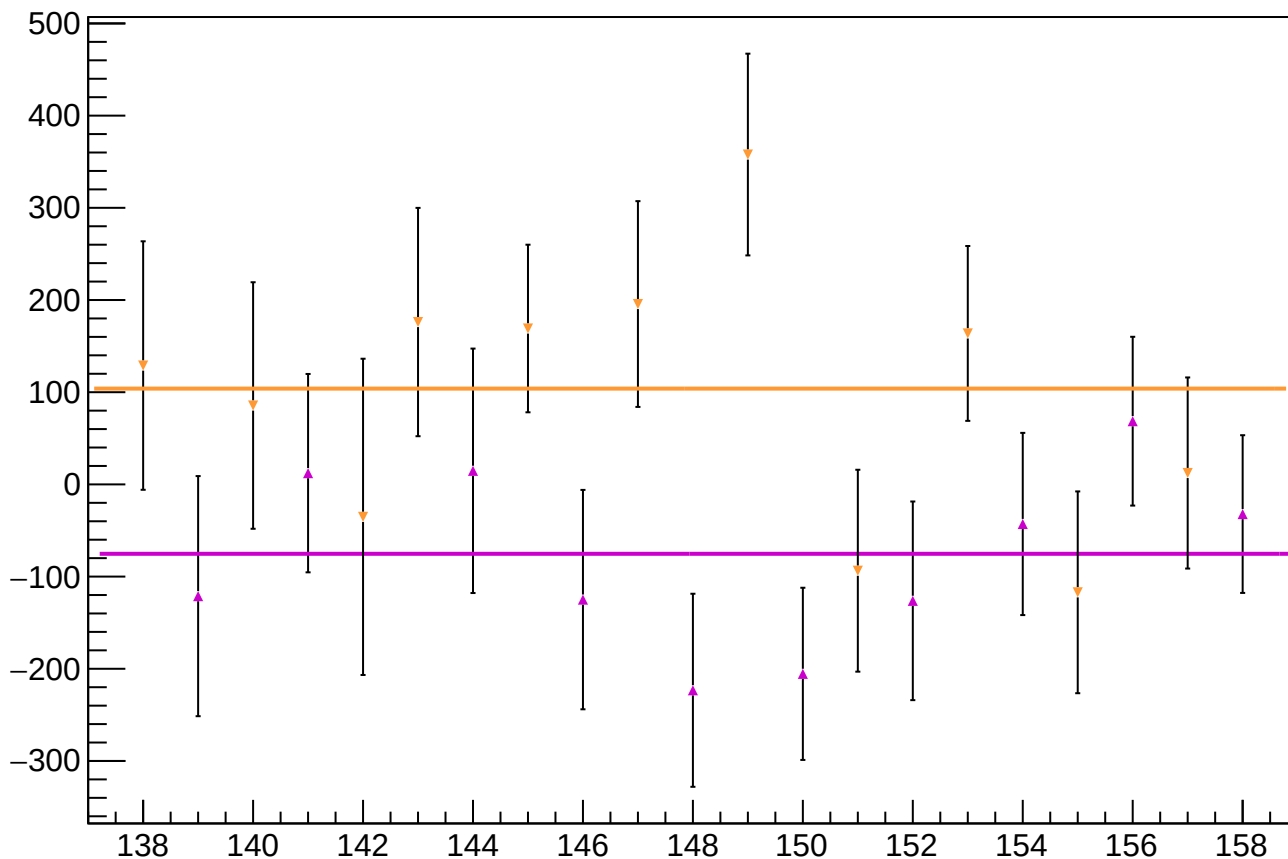
Left In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.199+/-0.053 χ^2/NDF : 1372318.4/20

- 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: 103.911+/-33.977 χ^2/NDF :16.1/10

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

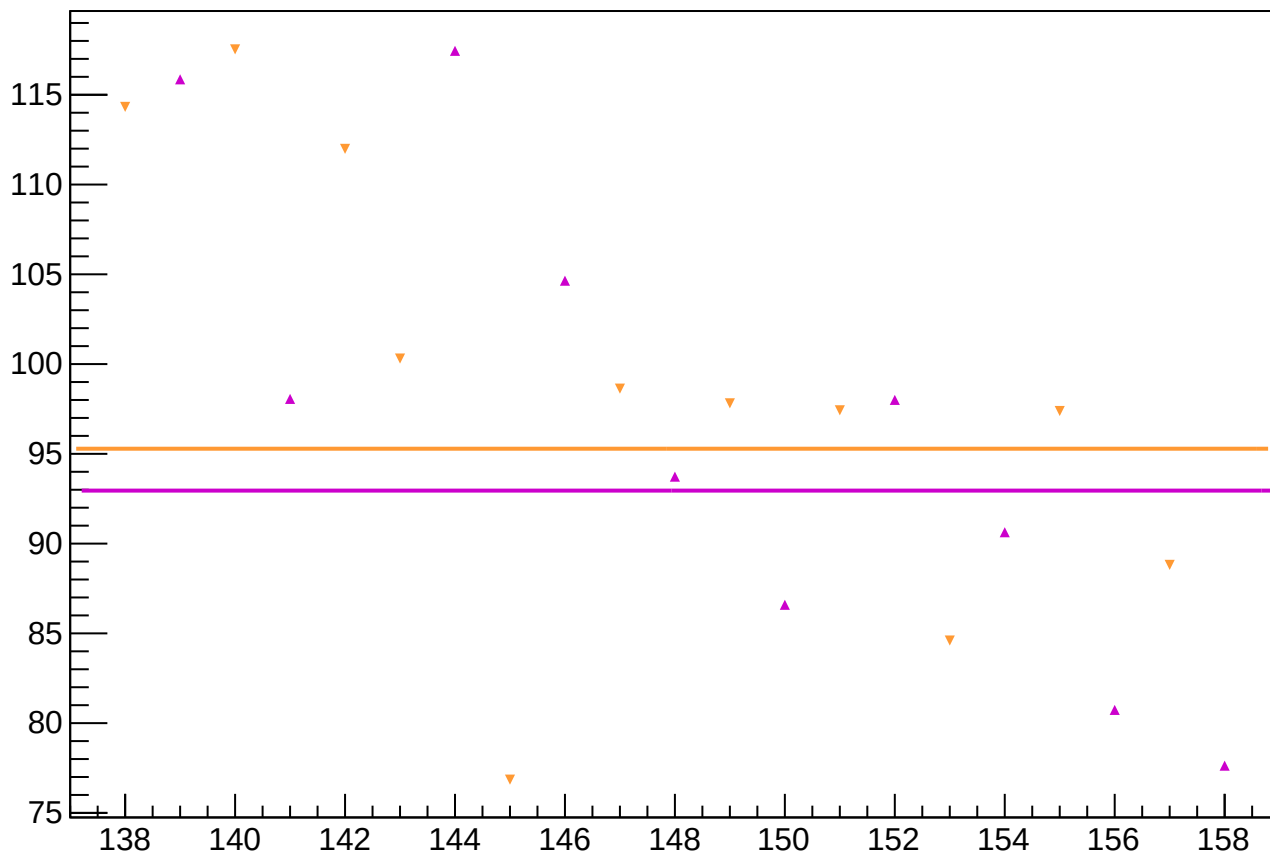
Left In: -75.285+/-32.909 χ^2/NDF :8.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.453+/-23.639 χ^2/NDF : 38.9/20

- 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: 95.286+/-0.024 χ^2/NDF : 237329.8/10

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

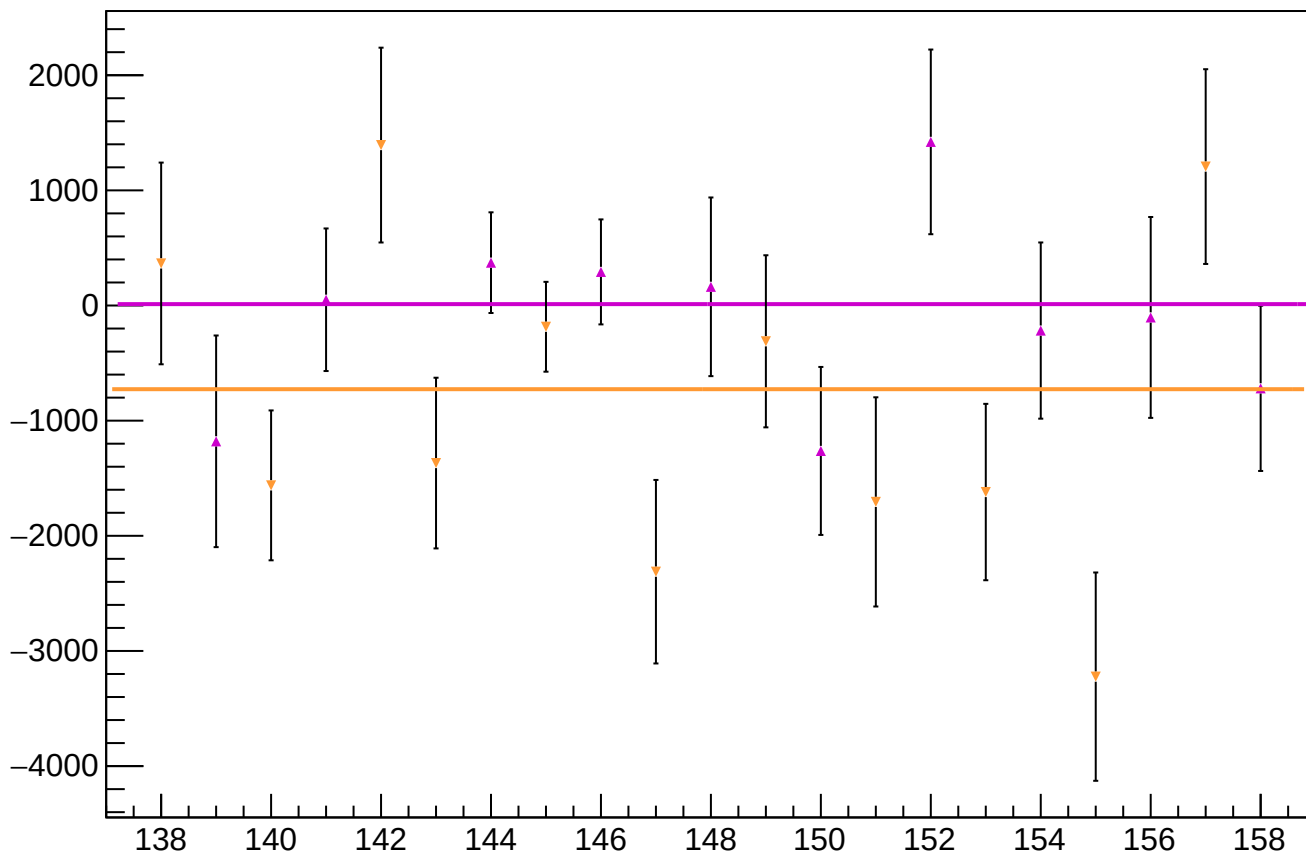
Left In: 92.952+/-0.023 χ^2/NDF : 268651.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.082+/-0.017 χ^2/NDF : 510847.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -726.727+/-211.497 χ^2/NDF :31.8/10

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

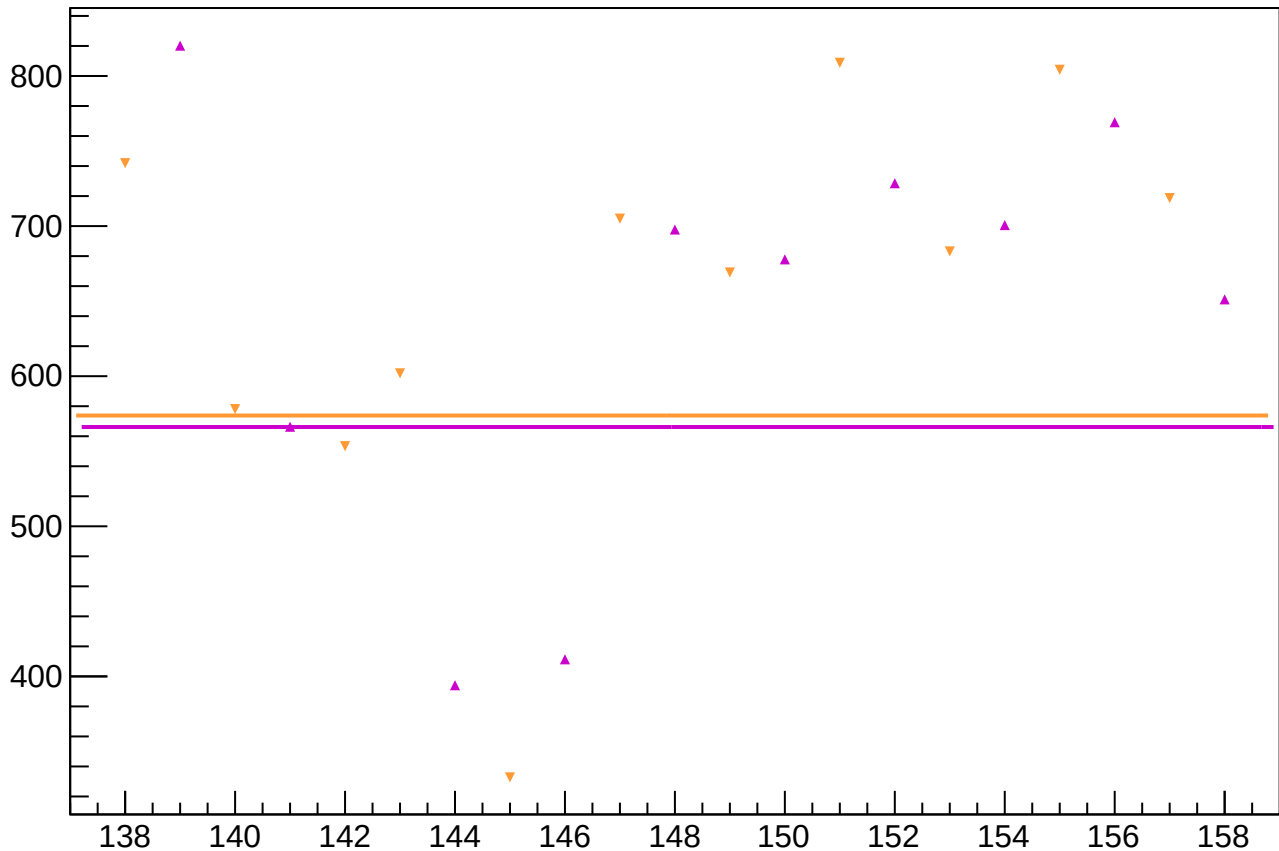
Left In: 12.031+/-204.568 χ^2/NDF :10.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.049+/-147.040 χ^2/NDF : 48.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 573.813+/-0.150 χ^2/NDF :1291239.2/10

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

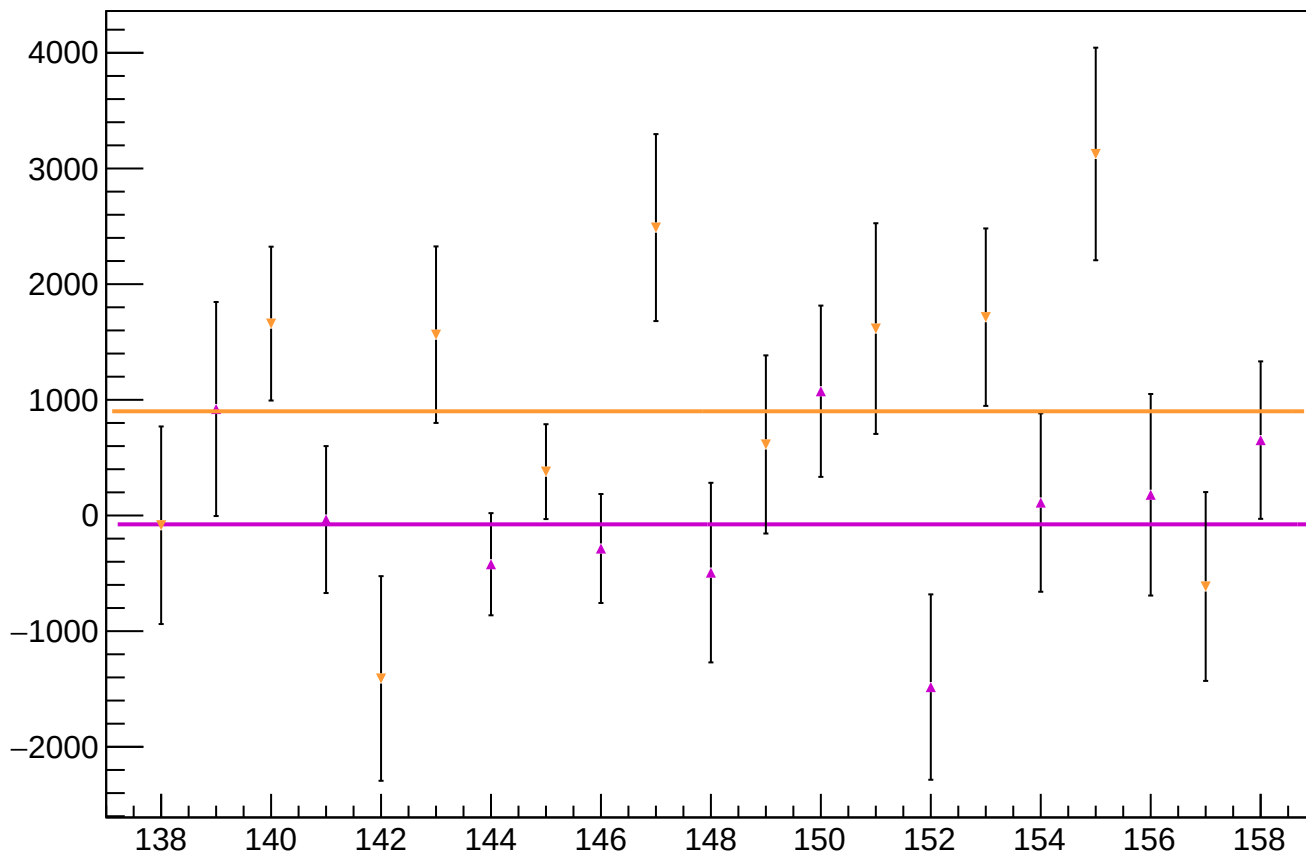
Left In: 566.141+/-0.145 χ^2/NDF :1077723.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.849+/-0.104 χ^2/NDF : 2370322.4/20

- 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: 900.872+/-216.260 χ^2/NDF : 26.9/10

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

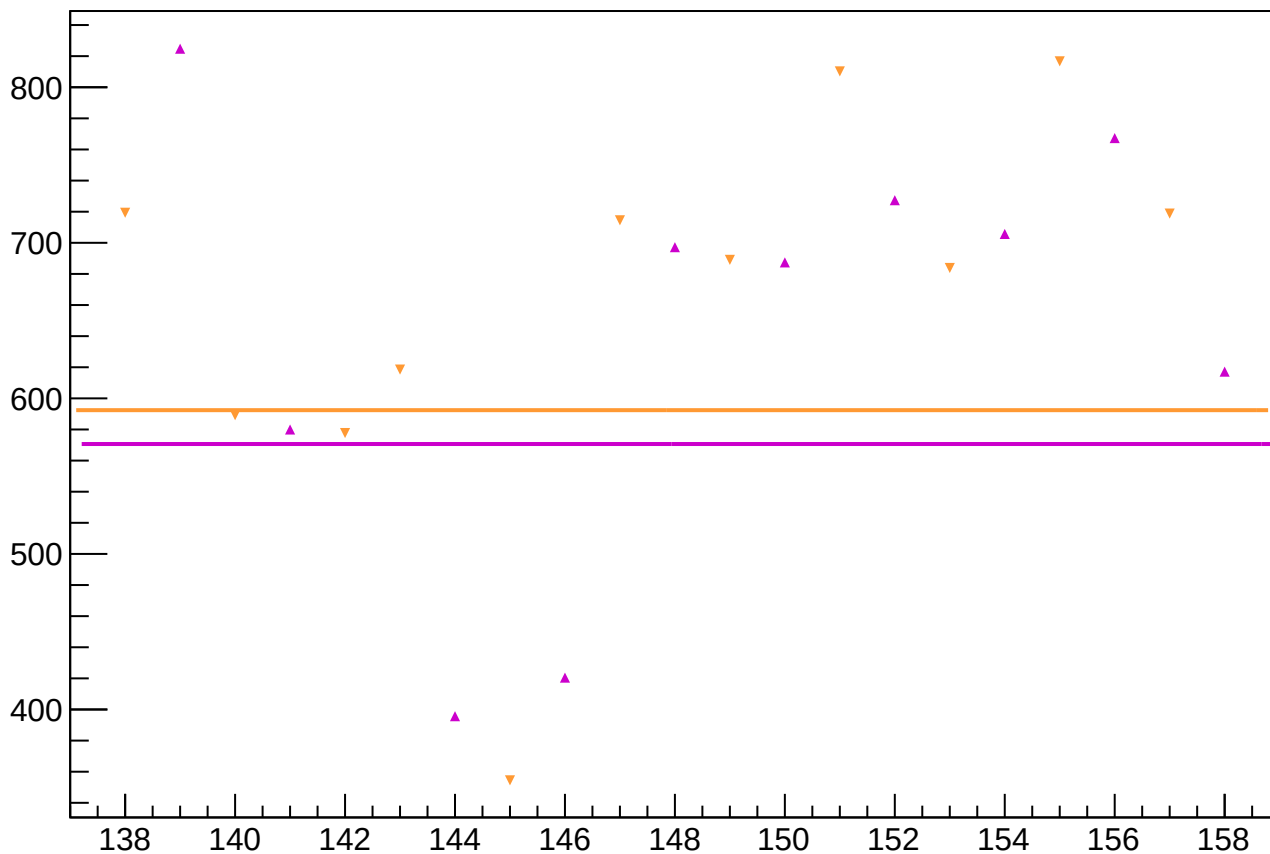
Left In: -76.510+/-206.396 χ^2/NDF : 9.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.384+/-149.309 χ^2/NDF : 46.6/20

- 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: 592.414+/-0.153 χ^2/NDF :1107659.4/10

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

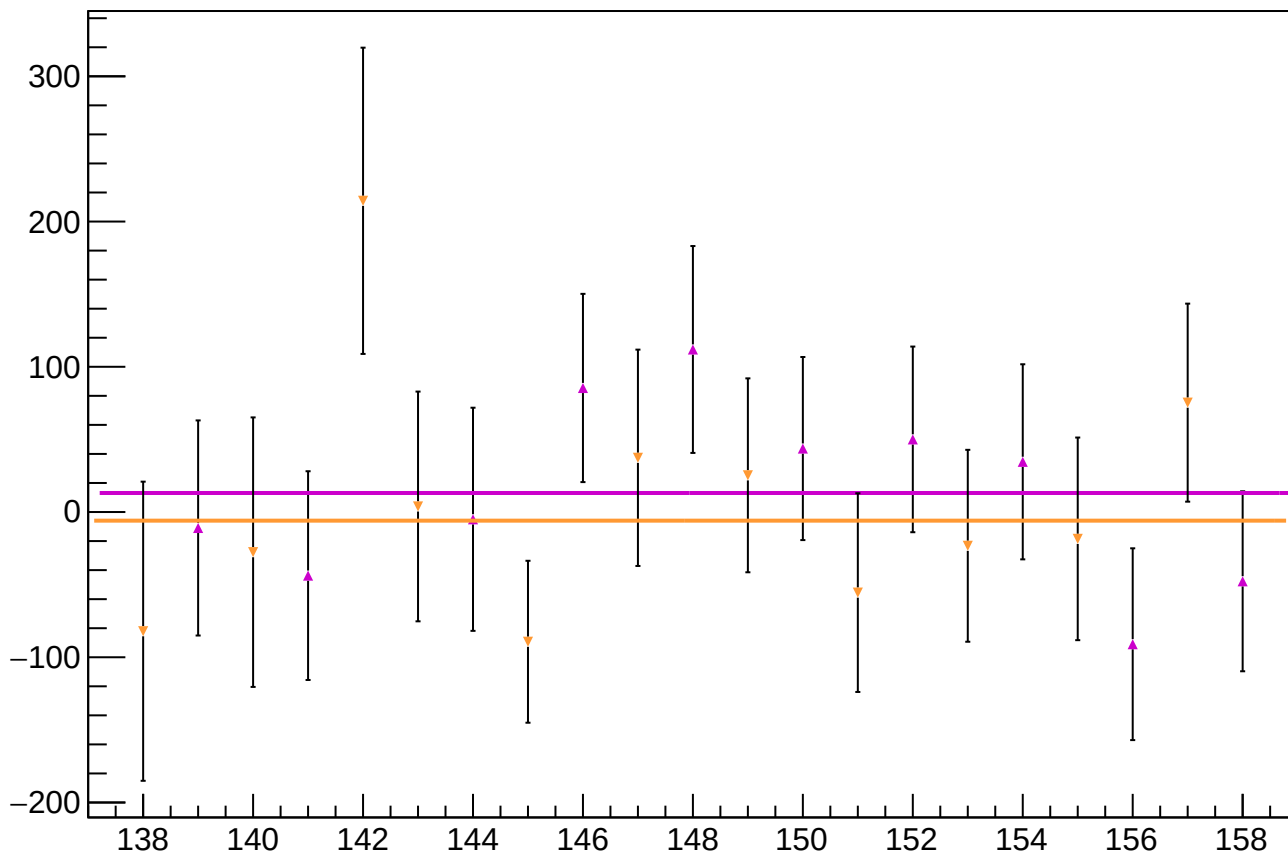
Left In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.027+/-0.106 χ^2/NDF : 2138593.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -5.938+/-22.086 χ^2/NDF : 9.8/10

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

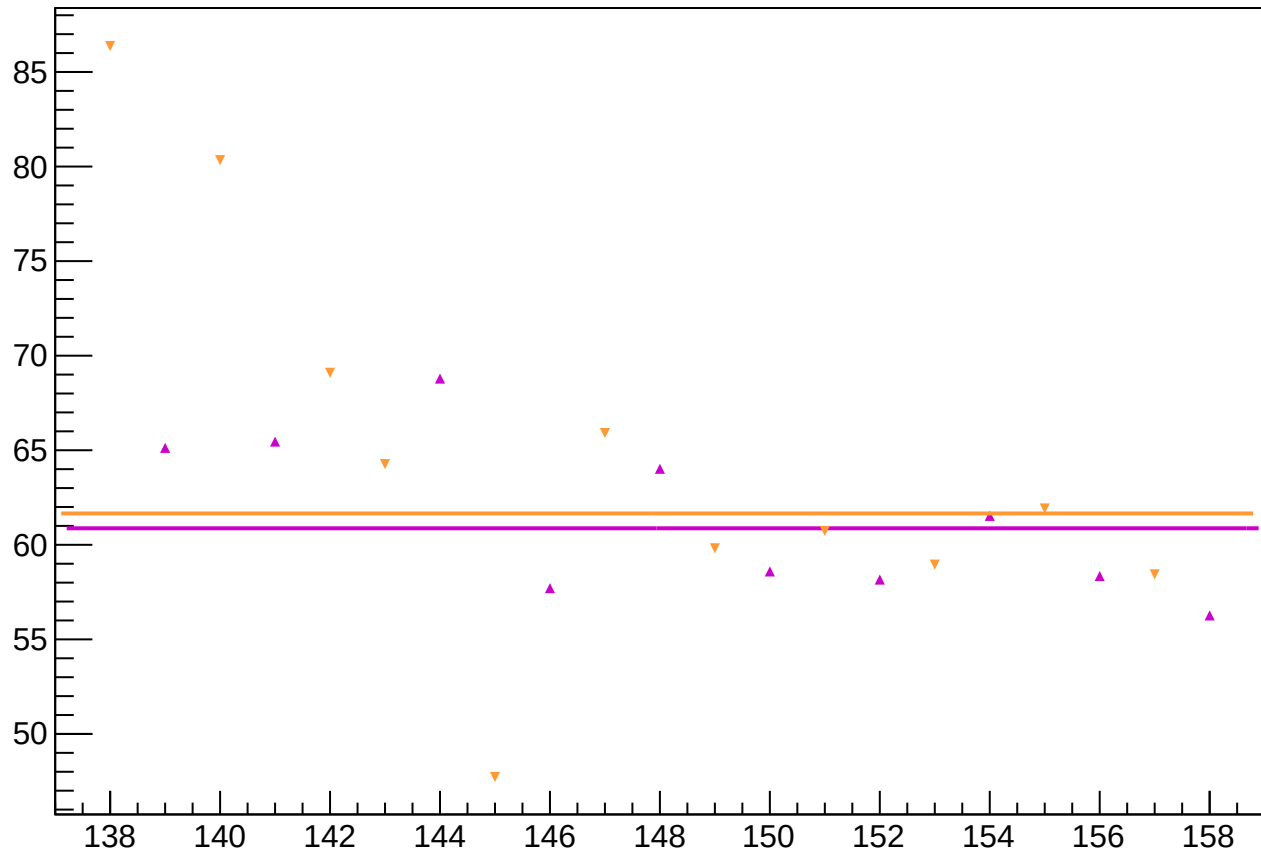
Left In: 13.105+/-21.374 χ^2/NDF : 8.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.895+/-15.359 χ^2/NDF : 18.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 61.657+/-0.016 χ^2/NDF : 349622.9/10

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

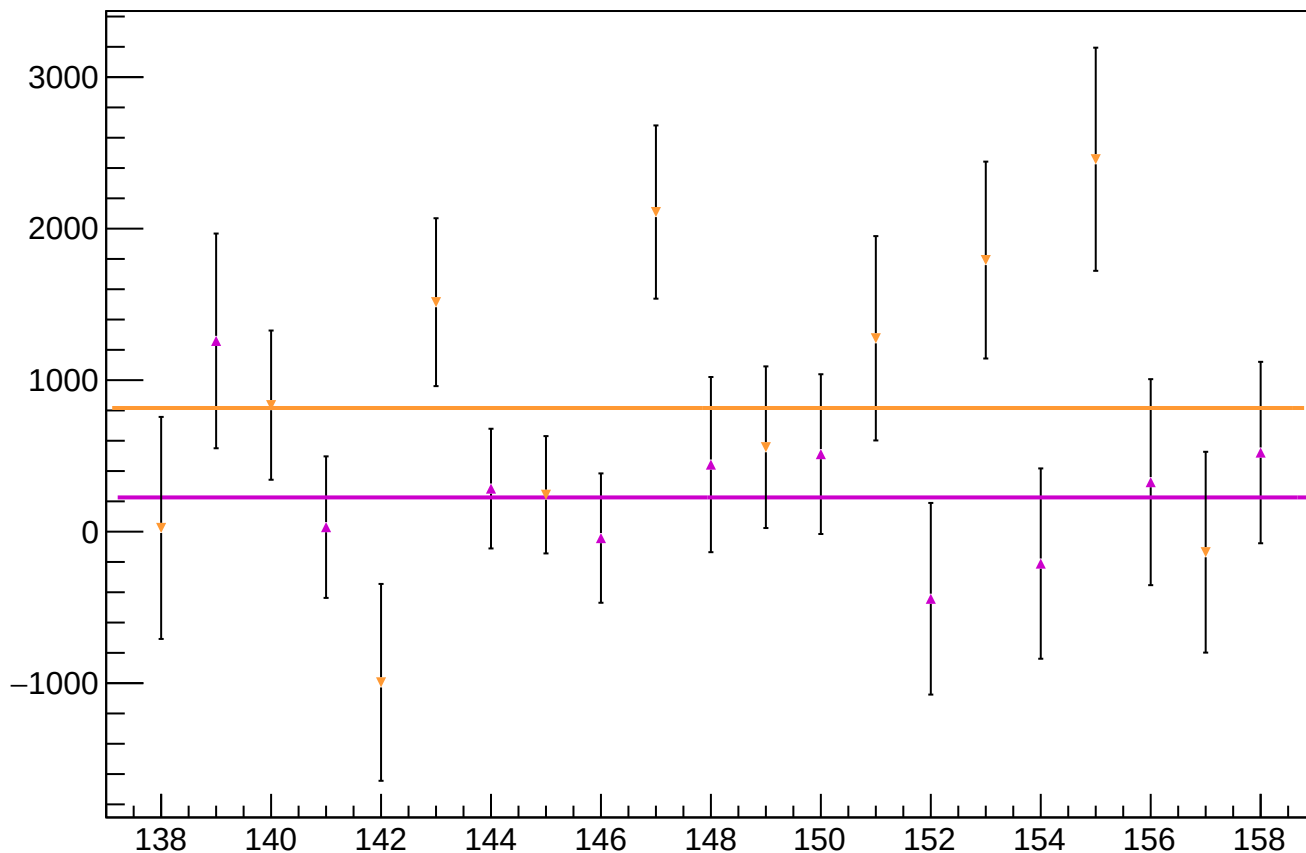
Left In: 60.874+/-0.015 χ^2/NDF : 65045.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.253+/-0.011 χ^2/NDF : 415969.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 816.178+/-172.660 χ^2/NDF : 27.8/10

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

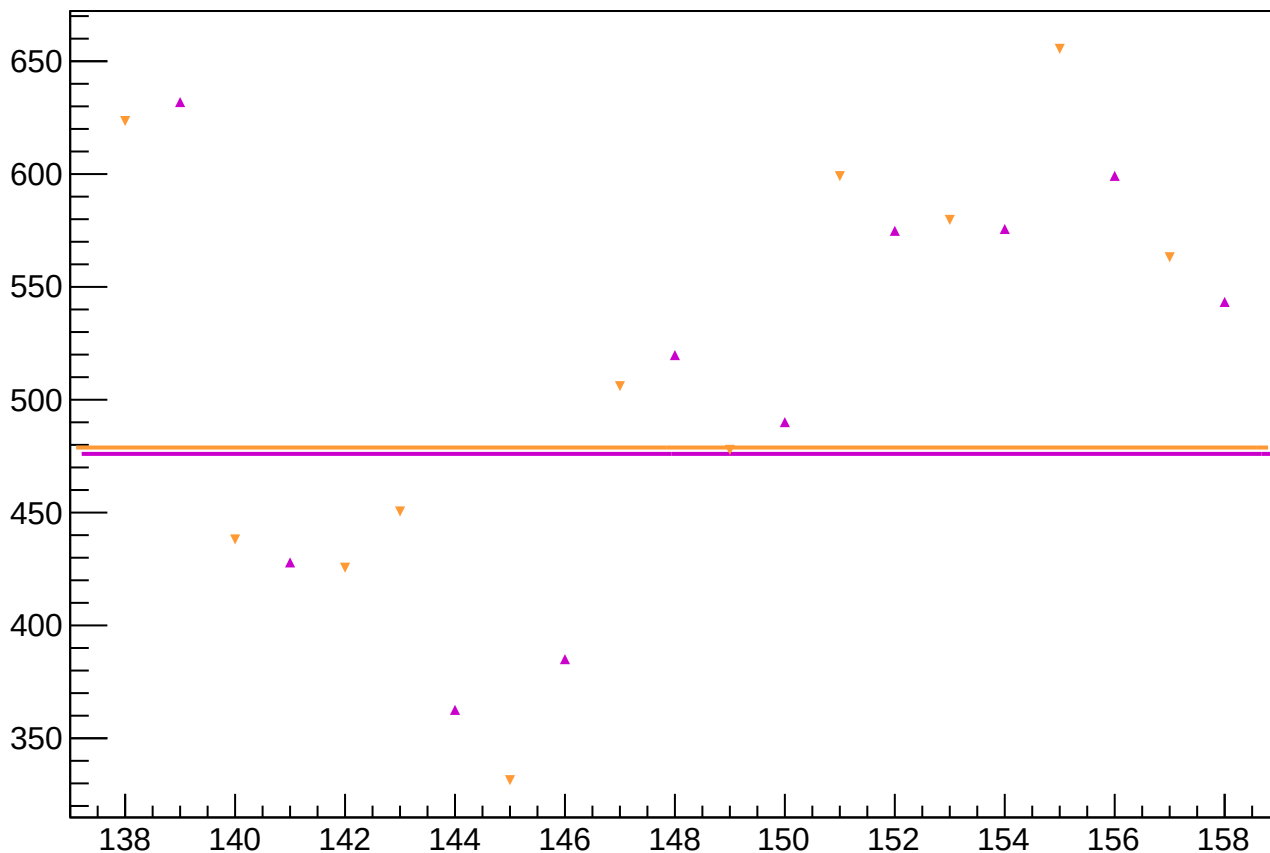
Left In: 225.955+/-168.920 χ^2/NDF : 5.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.605+/-120.745 χ^2/NDF : 38.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 478.833+/-0.122 χ^2/NDF : 663921.4/10

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

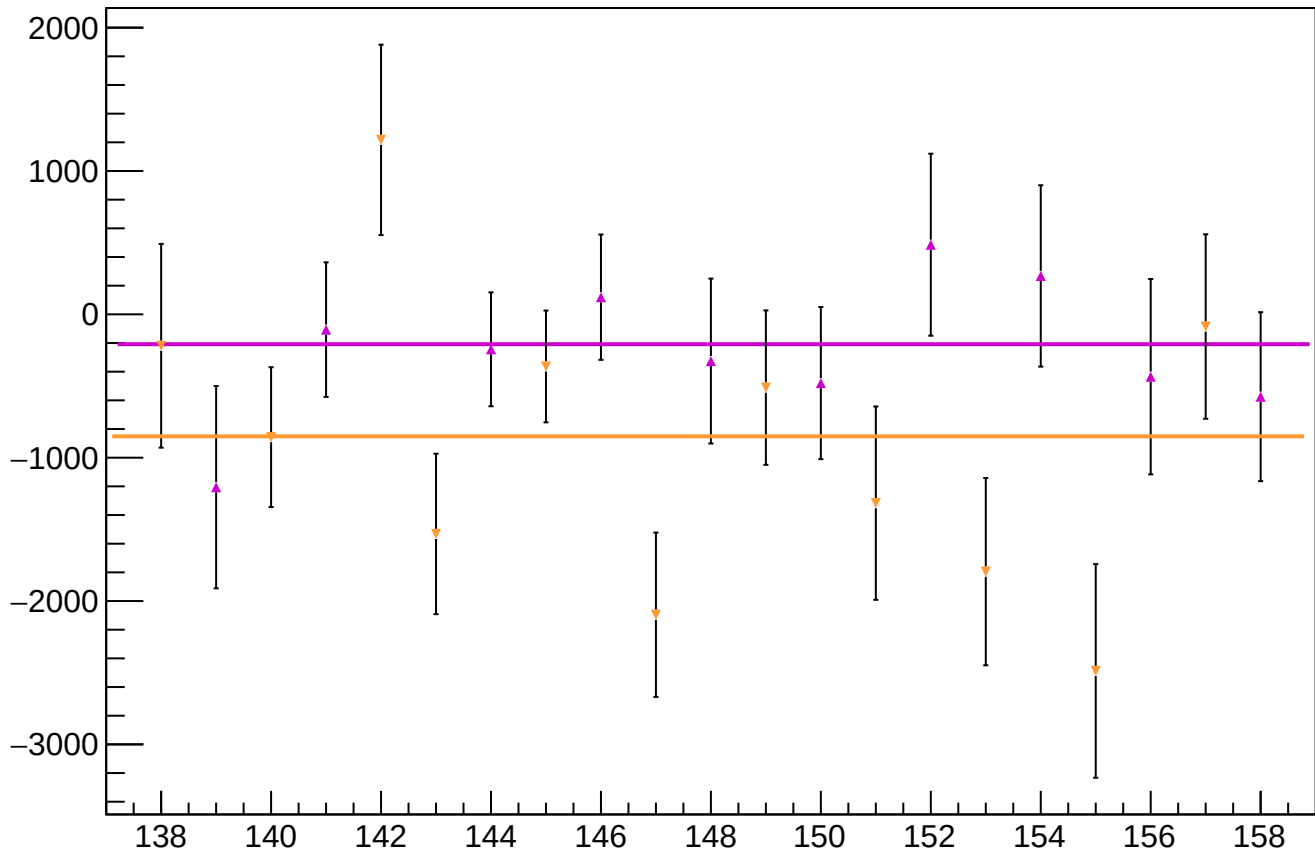
Left In: 476.007+/-0.119 χ^2/NDF : 576728.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.389+/-0.085 χ^2/NDF : 1240923.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -851.024 $\pm$ 172.853 χ^2 /NDF:27.5/10

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

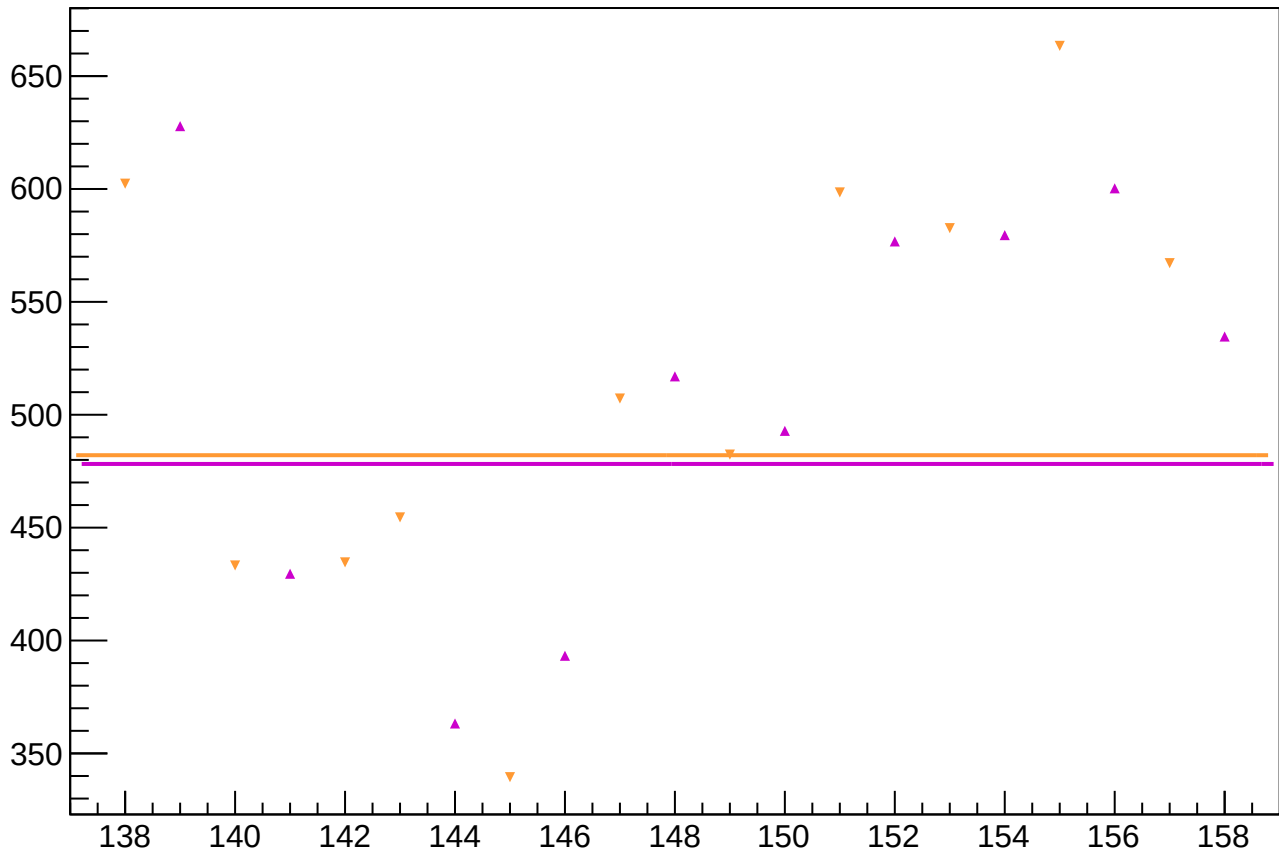
Left In: -208.282 $\pm$ 169.749 χ^2 /NDF:5.2/9

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

All: -523.831 $\pm$ 121.113 χ^2 /NDF: 39.7/20

- sign 0.000 $\pm$ 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: 482.083+/-0.122 χ^2/NDF : 624052.5/10

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

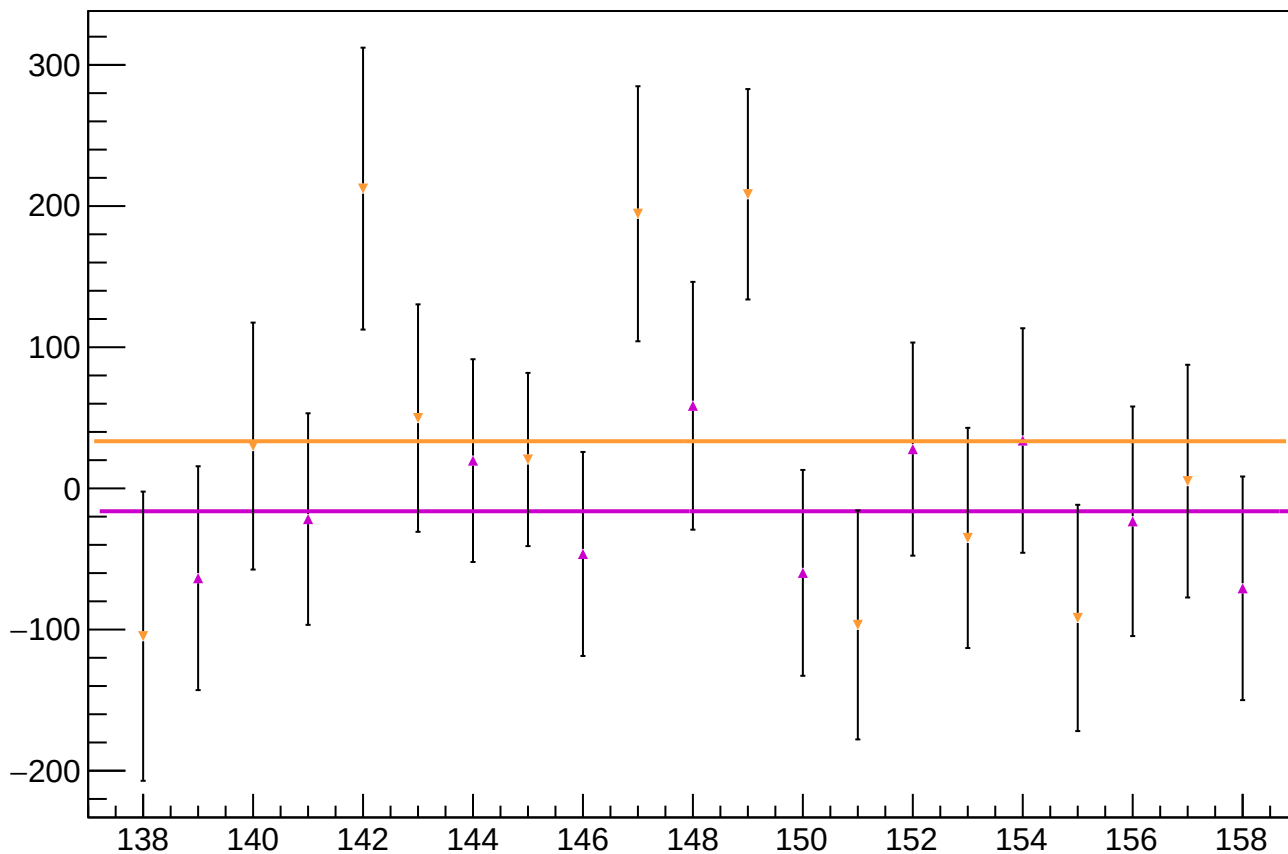
Left In: 478.208+/-0.120 χ^2/NDF : 547102.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.111+/-0.086 χ^2/NDF : 1171666.8/20

- 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: 33.406 $\pm$ 24.486 χ^2 /NDF:19.7/10

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

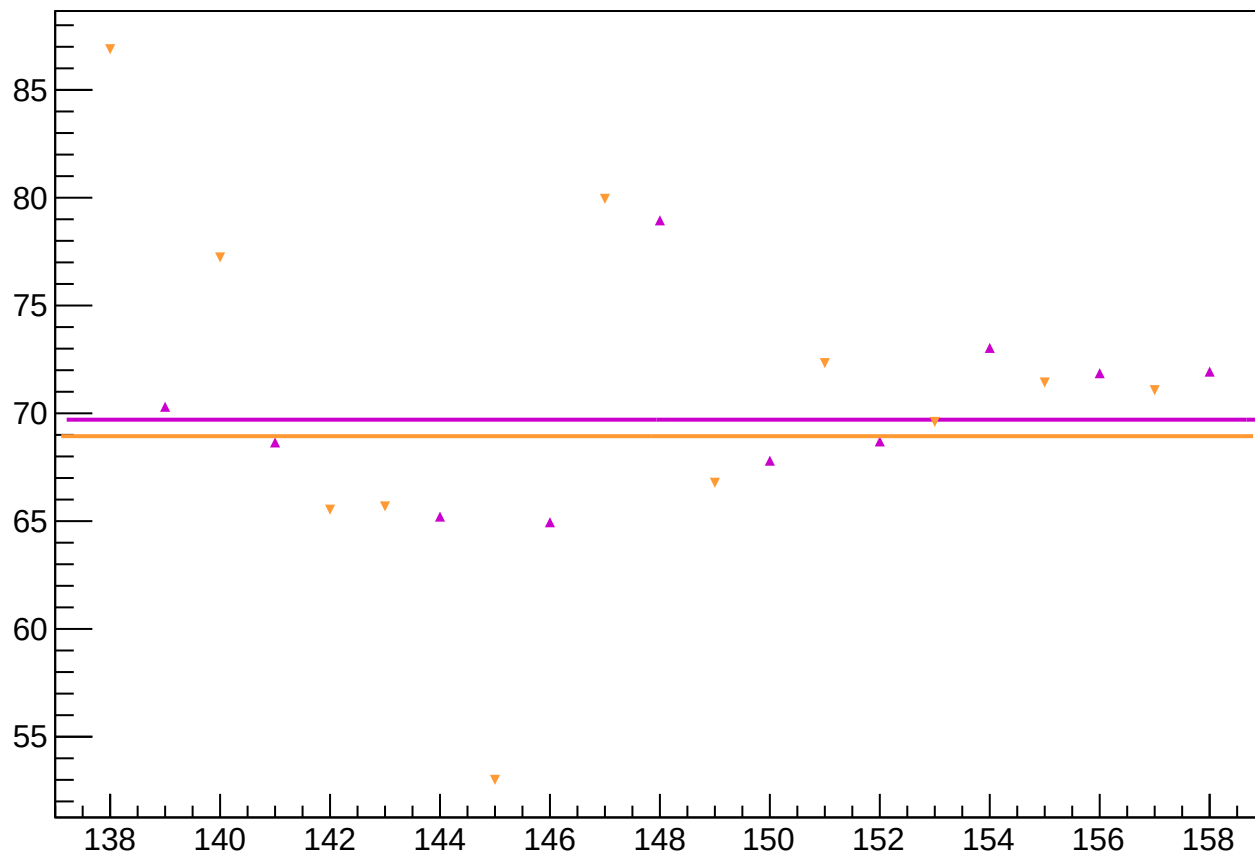
Left In: -16.192 $\pm$ 24.363 χ^2 /NDF:3.1/9

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

All: 8.482 $\pm$ 17.271 χ^2 /NDF: 24.9/20

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

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 68.940+/-0.017 χ^2/NDF : 258235.0/10

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

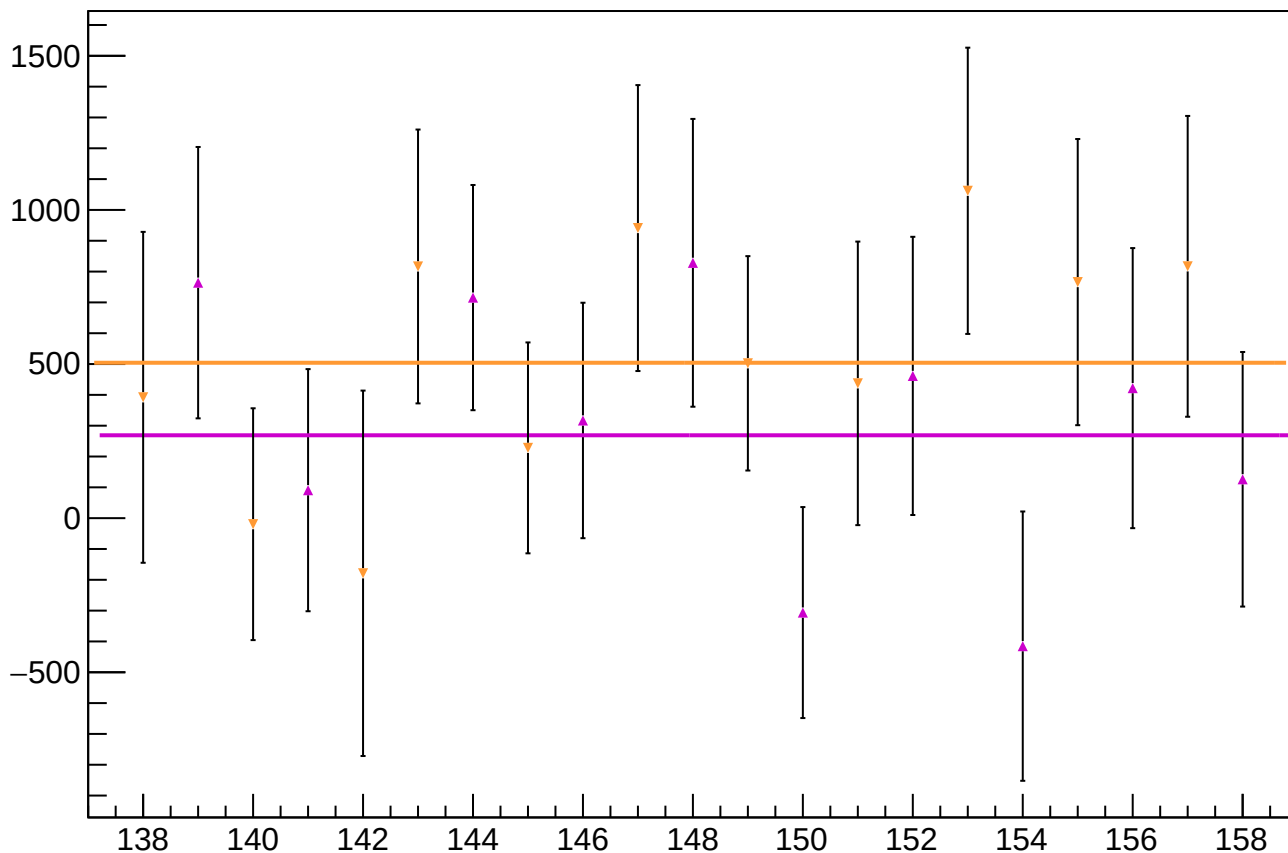
Left In: 69.705+/-0.017 χ^2/NDF : 47413.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.324+/-0.012 χ^2/NDF : 306629.6/20

- 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: 504.199+/-131.171 χ^2/NDF : 7.5/10

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

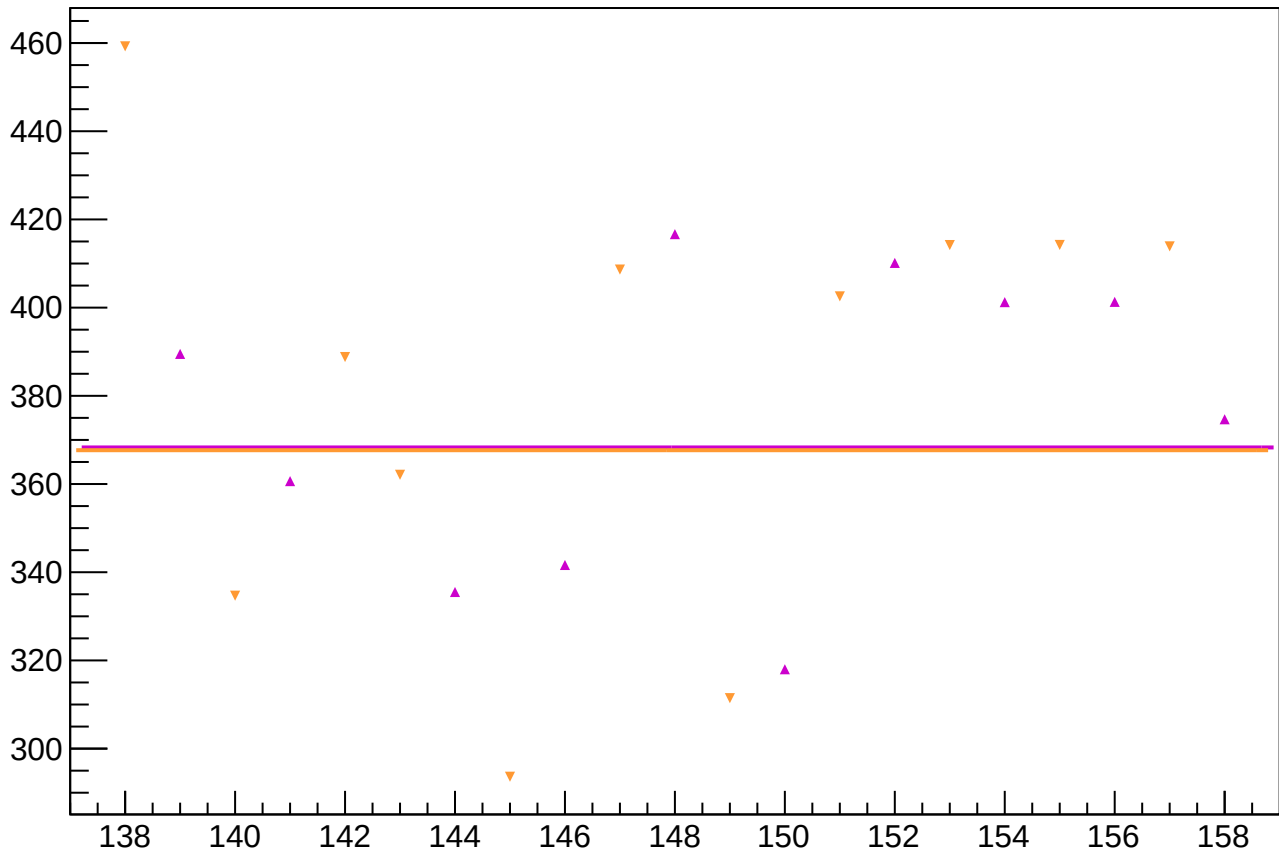
Left In: 268.884+/-129.131 χ^2/NDF : 10.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.698+/-92.022 χ^2/NDF : 19.3/20

- 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: 367.668+/-0.093 χ^2/NDF : 307653.7/10

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

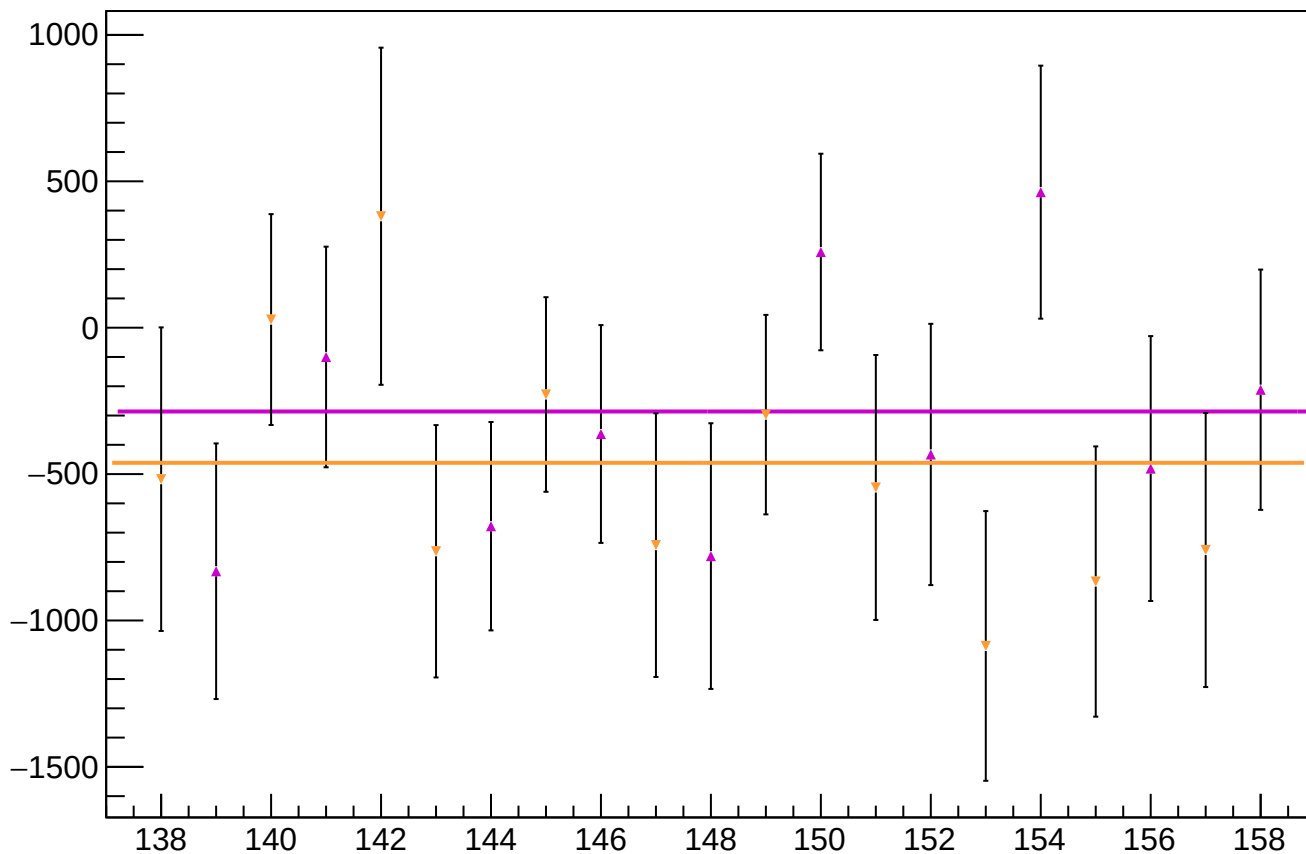
Left In: 368.293+/-0.091 χ^2/NDF : 135510.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.985+/-0.065 χ^2/NDF : 443187.1/20

- 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: -461.424+/-127.731 χ^2/NDF : 8.7/10

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

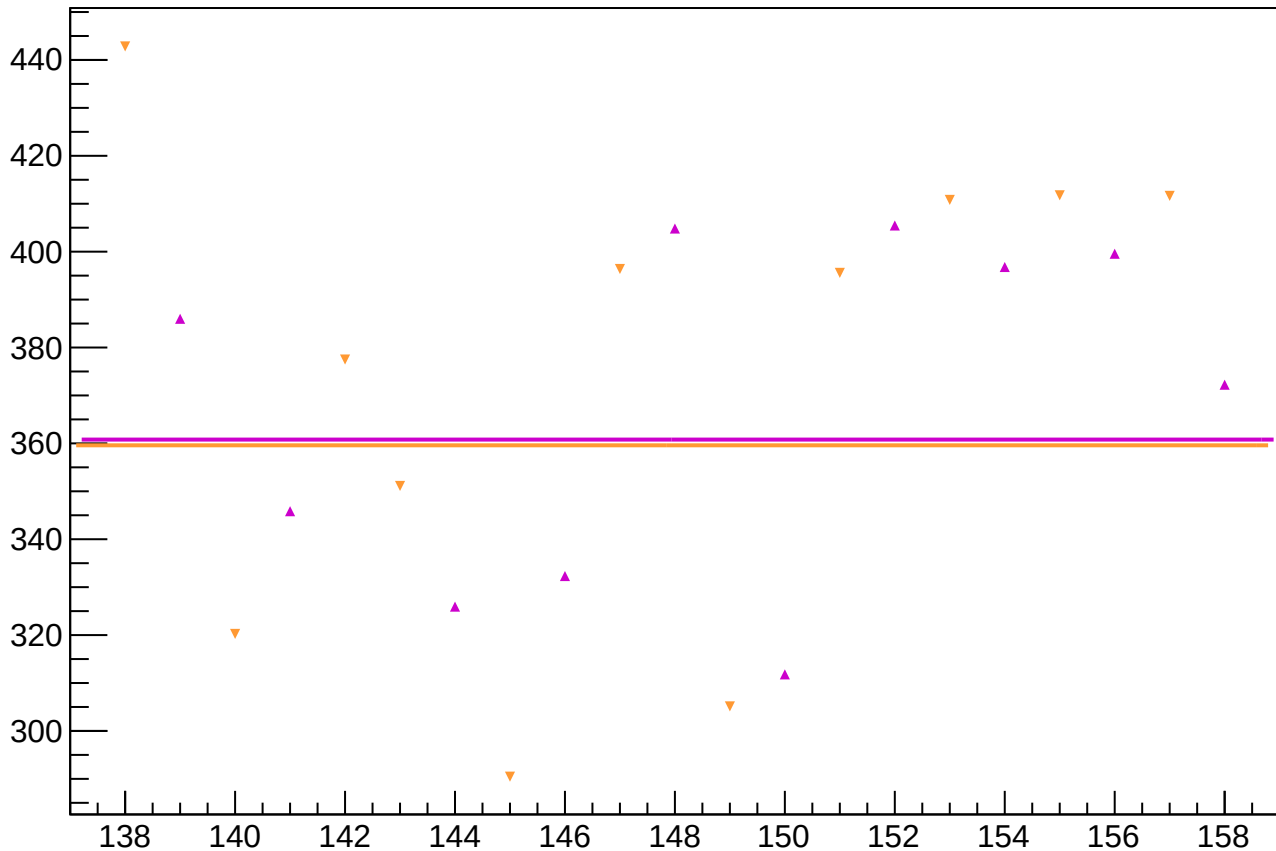
Left In: -286.174+/-126.641 χ^2/NDF : 10.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.048+/-89.932 χ^2/NDF : 19.8/20

- 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: 359.596+/-0.090 χ^2/NDF : 316821.2/10

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

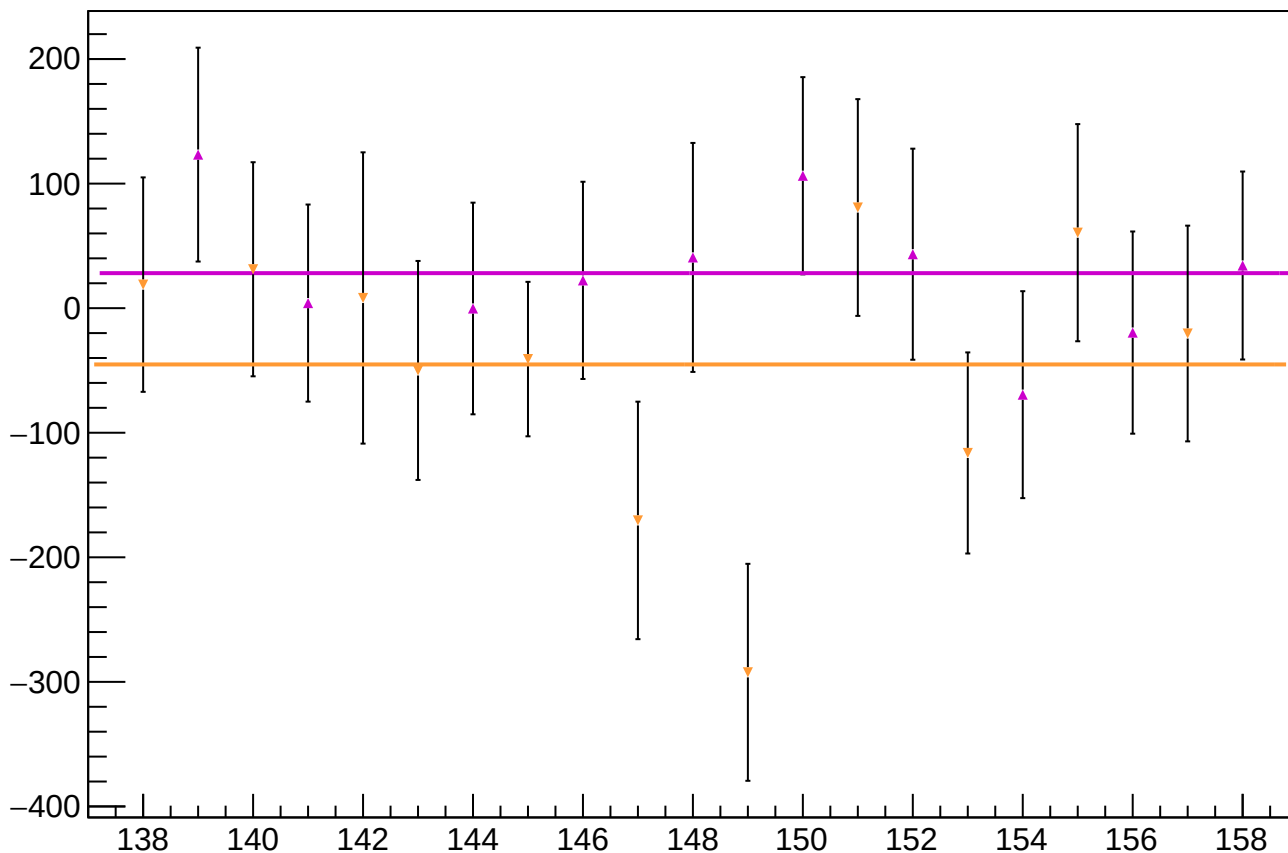
Left In: 360.792+/-0.090 χ^2/NDF : 152339.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.199+/-0.064 χ^2/NDF : 469249.3/20

- 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: -45.173 $\pm$ 25.603 χ^2 /NDF:15.8/10

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

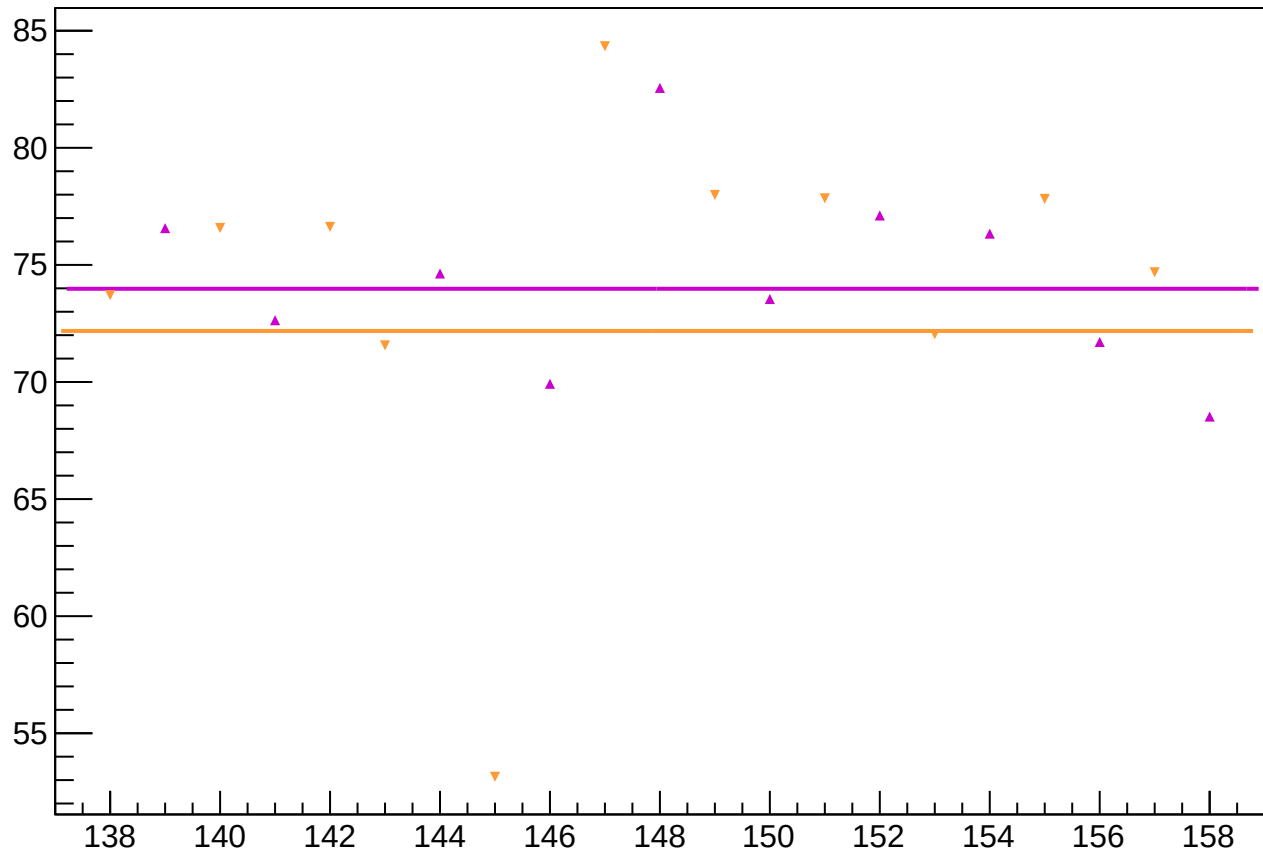
Left In: 28.120 $\pm$ 25.965 χ^2 /NDF:4.2/9

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

All: -9.041 $\pm$ 18.231 χ^2 /NDF: 24.0/20

- 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: 72.180+/-0.018 χ^2/NDF :257366.0/10

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

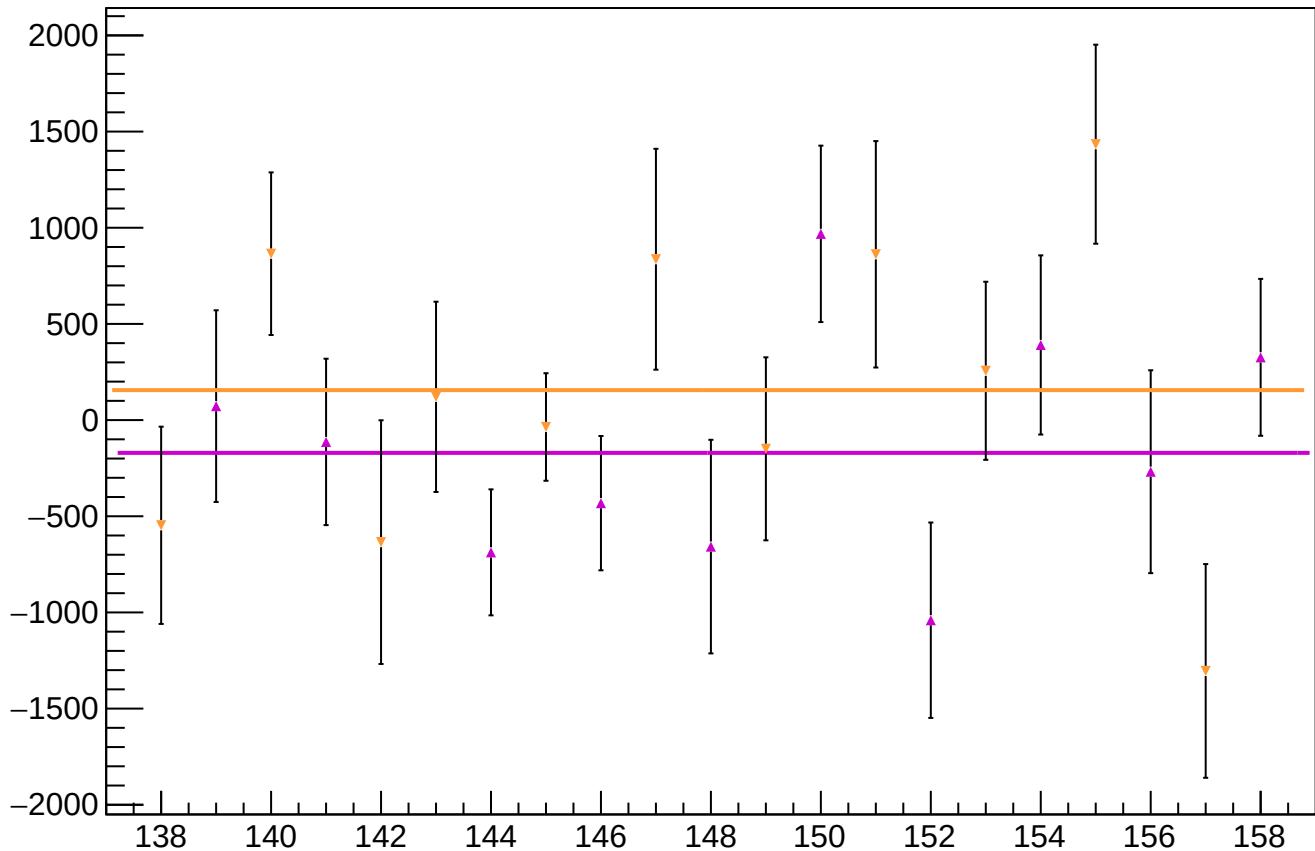
Left In: 73.981+/-0.018 χ^2/NDF :41612.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.068+/-0.013 χ^2/NDF : 303858.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 155.800+/-140.364 χ^2/NDF : 23.0/10

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

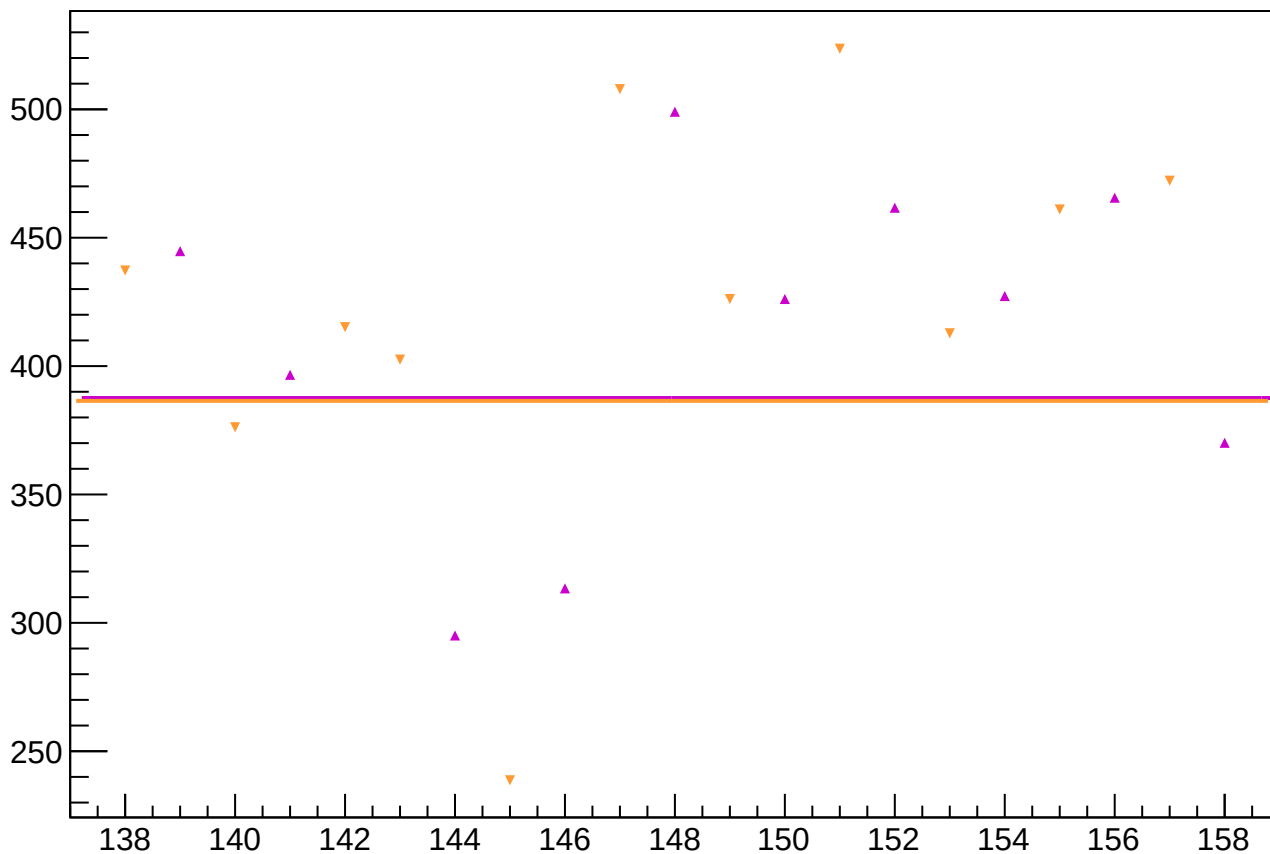
Left In: -170.455+/-137.378 χ^2/NDF : 16.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.835+/-98.180 χ^2/NDF : 41.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 386.459+/-0.099 χ^2/NDF : 893448.1/10

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

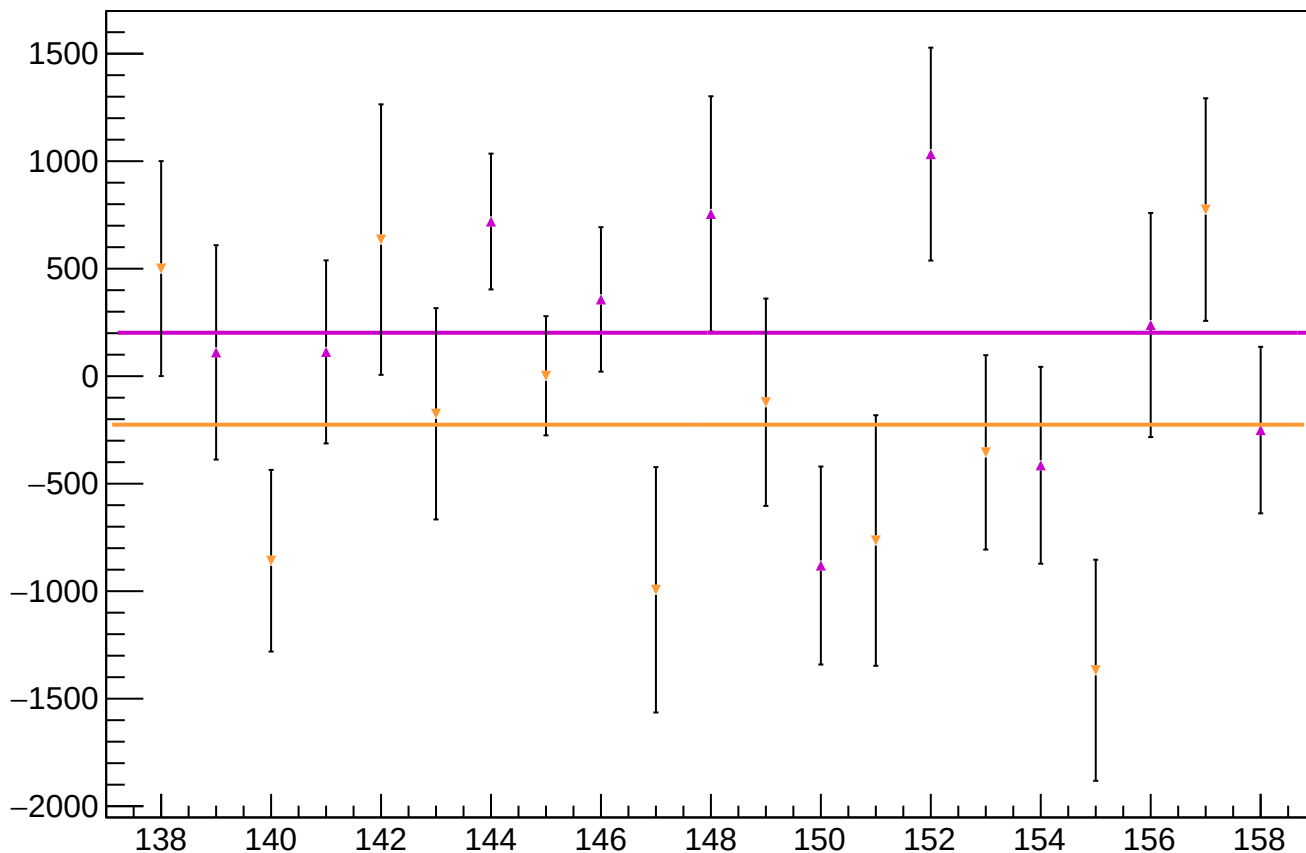
Left In: 387.562+/-0.097 χ^2/NDF : 476231.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.022+/-0.069 χ^2/NDF : 1369742.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -225.662+/-138.646 χ^2/NDF : 18.4/10

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

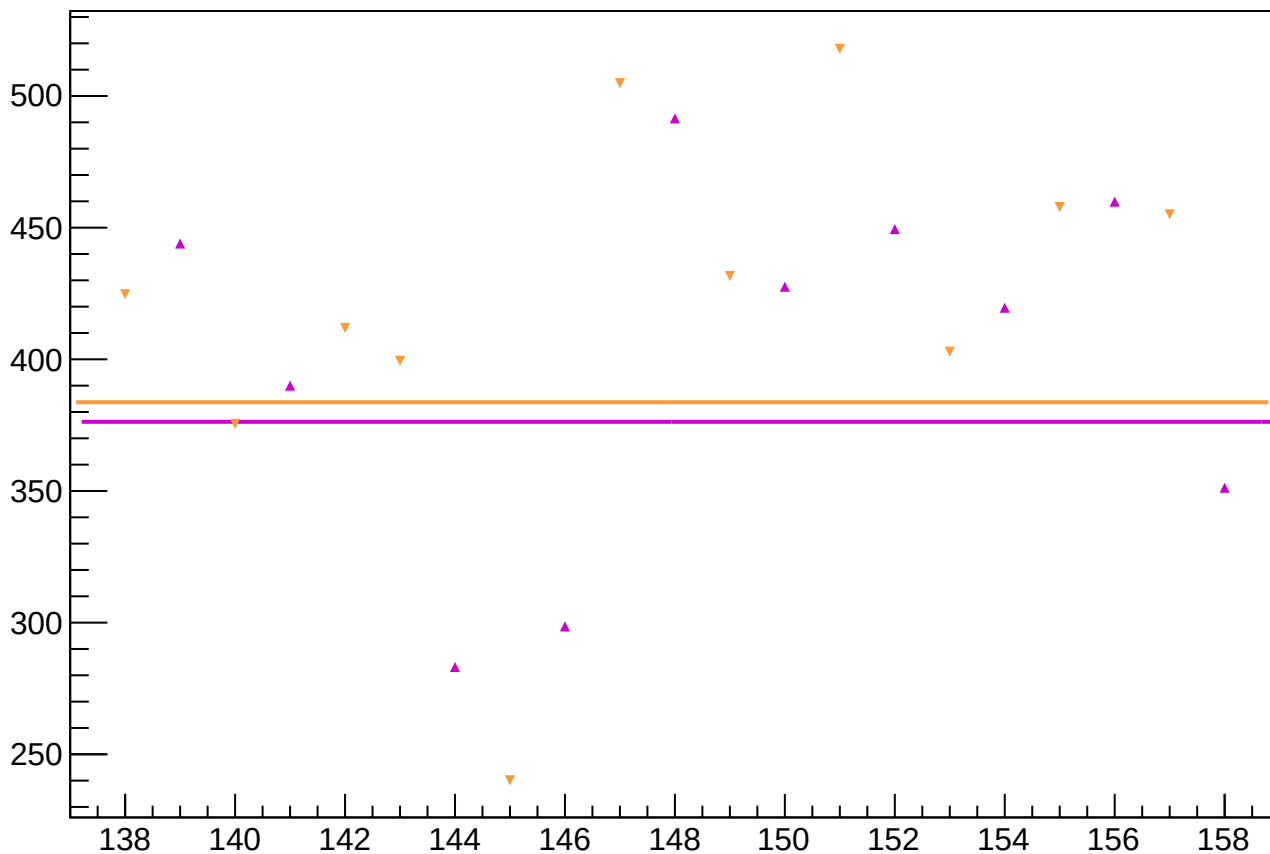
Left In: 202.044+/-134.024 χ^2/NDF : 15.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.561+/-96.362 χ^2/NDF : 38.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 383.696+/-0.098 χ^2/NDF : 856428.4/10

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

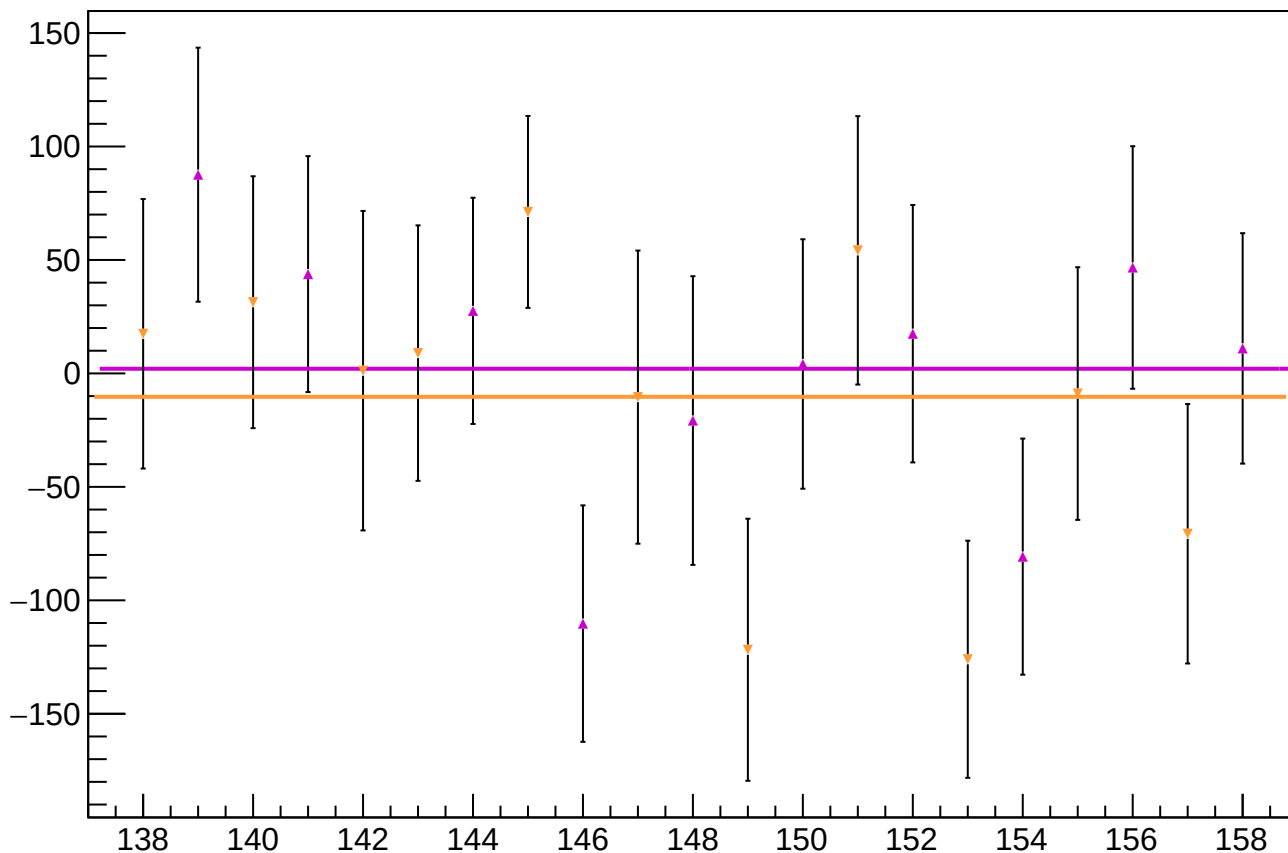
Left In: 376.272+/-0.095 χ^2/NDF : 554542.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.858+/-0.068 χ^2/NDF : 1413936.0/20

- 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: -10.313 $\pm$ 16.891 χ^2 /NDF:15.6/10

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

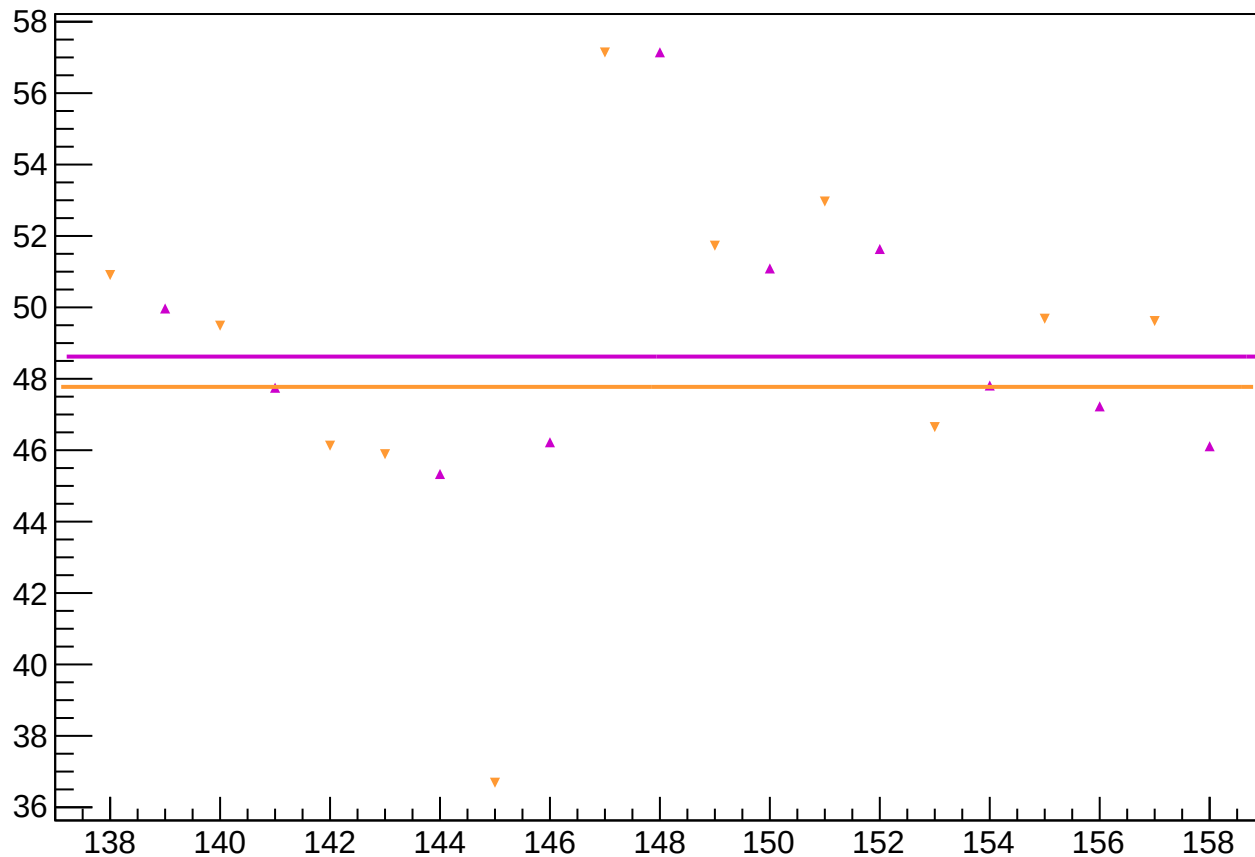
Left In: 2.054 $\pm$ 17.010 χ^2 /NDF:11.4/9

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

All: -4.173 $\pm$ 11.985 χ^2 /NDF: 27.2/20

- 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: 47.774+/-0.012 χ^2/NDF : 220403.2/10

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

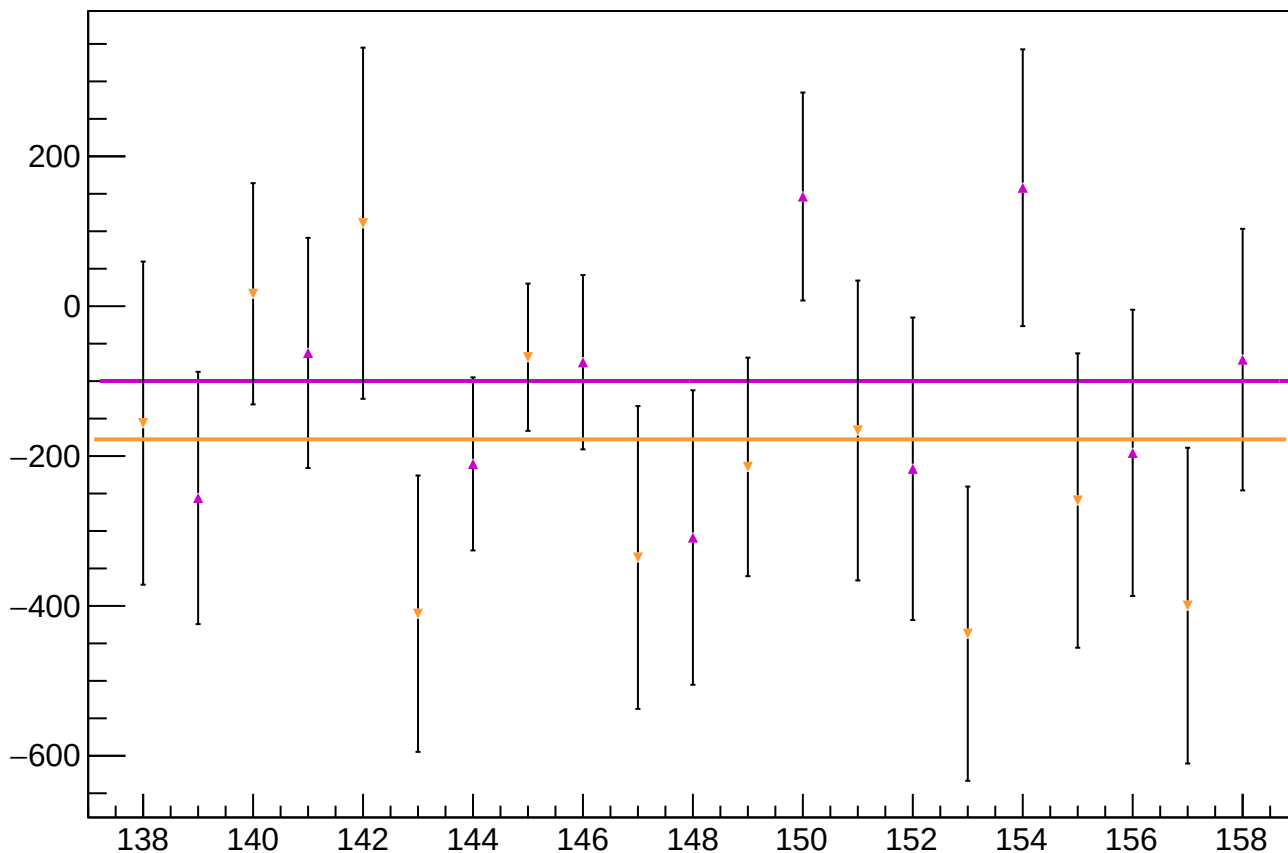
Left In: 48.622+/-0.012 χ^2/NDF : 66988.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.195+/-0.008 χ^2/NDF : 289896.3/20

- 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: -177.689+/-50.669 χ^2/NDF : 9.8/10

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

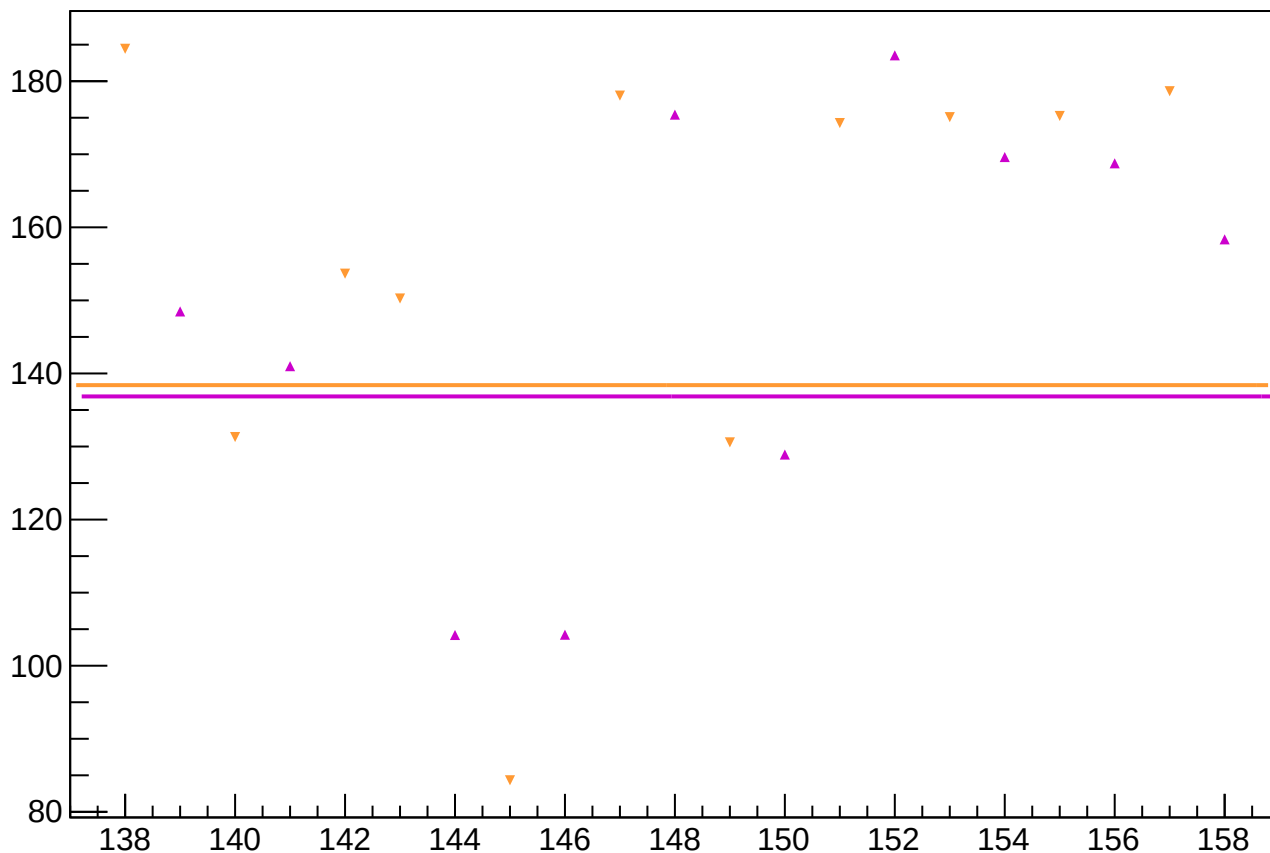
Left In: -99.810+/-48.882 χ^2/NDF : 8.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.352+/-35.180 χ^2/NDF : 19.7/20

- 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: 138.401+/-0.036 χ^2/NDF :1078497.3/10

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

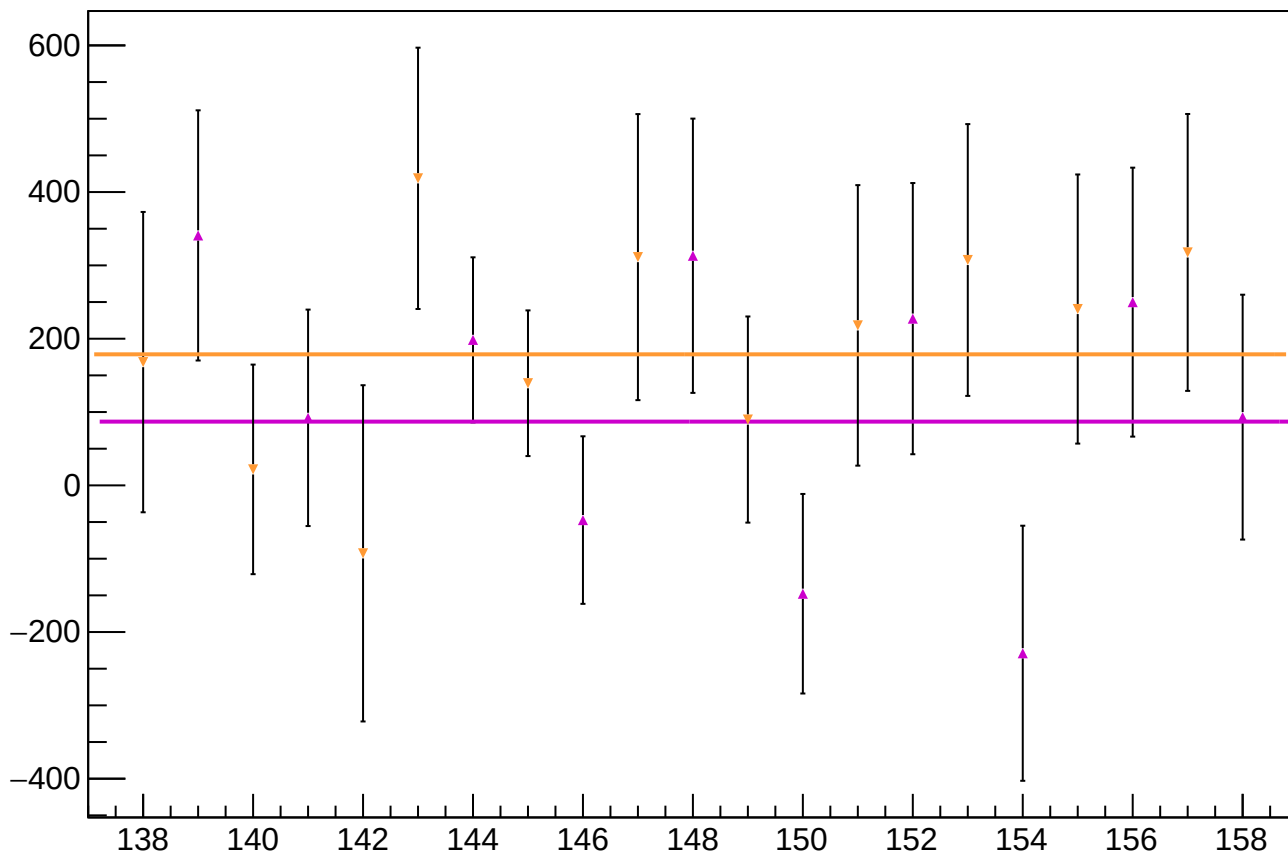
Left In: 136.856+/-0.035 χ^2/NDF :667774.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.601+/-0.025 χ^2/NDF : 1747234.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 178.713+/-49.041 χ^2/NDF : 6.6/10

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

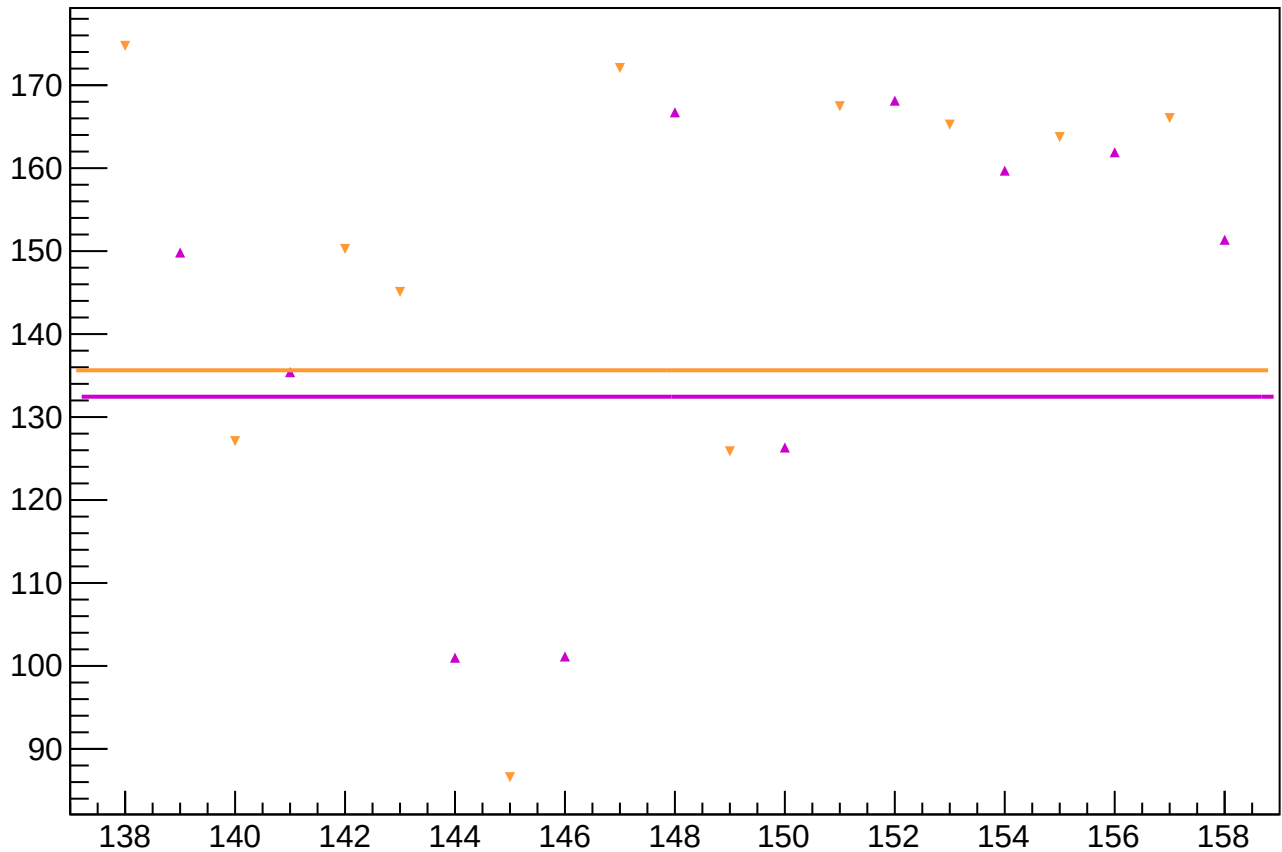
Left In: 86.937+/-47.334 χ^2/NDF : 13.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.200+/-34.058 χ^2/NDF : 22.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 135.636+/-0.035 χ^2/NDF : 866119.4/10

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

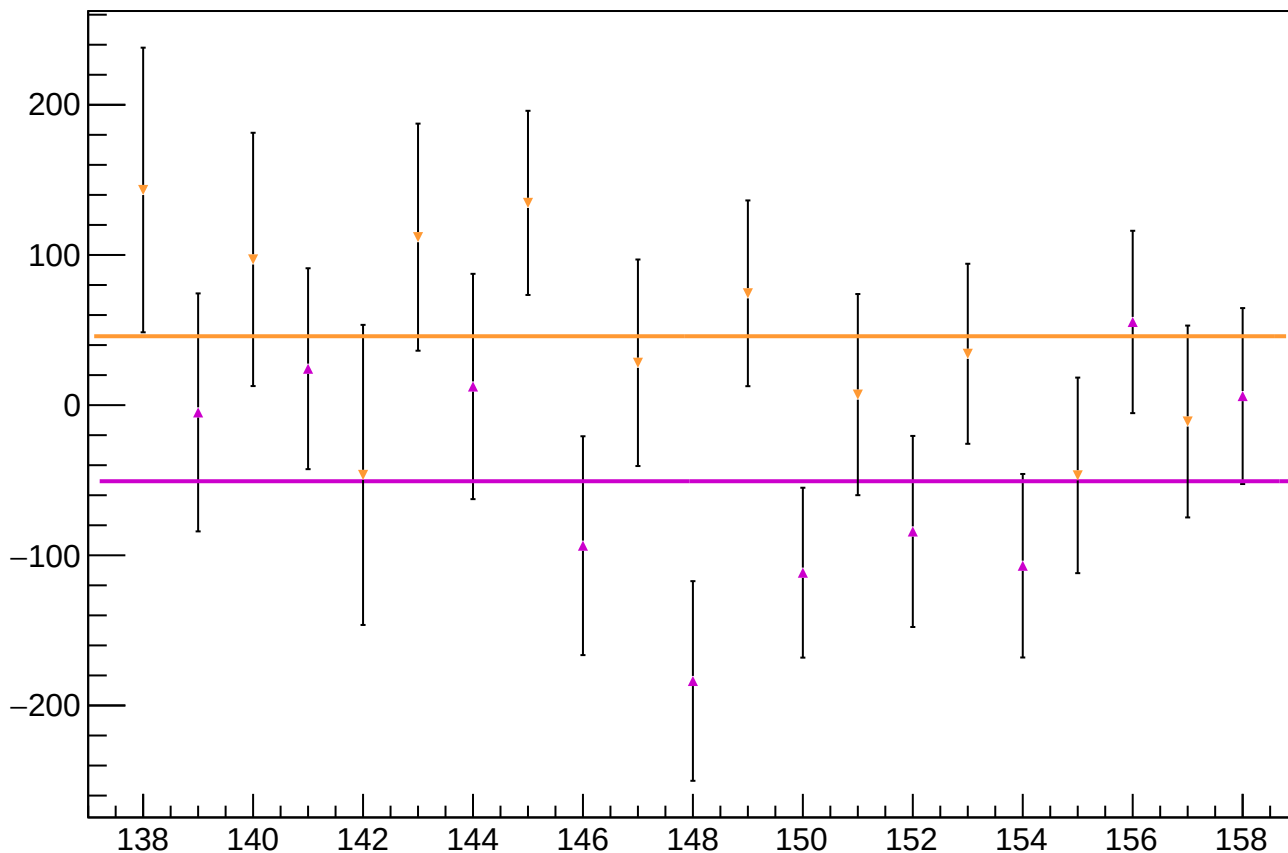
Left In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.988+/-0.024 χ^2/NDF : 1470660.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 45.881+/-21.091 χ^2/NDF : 8.6/10

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

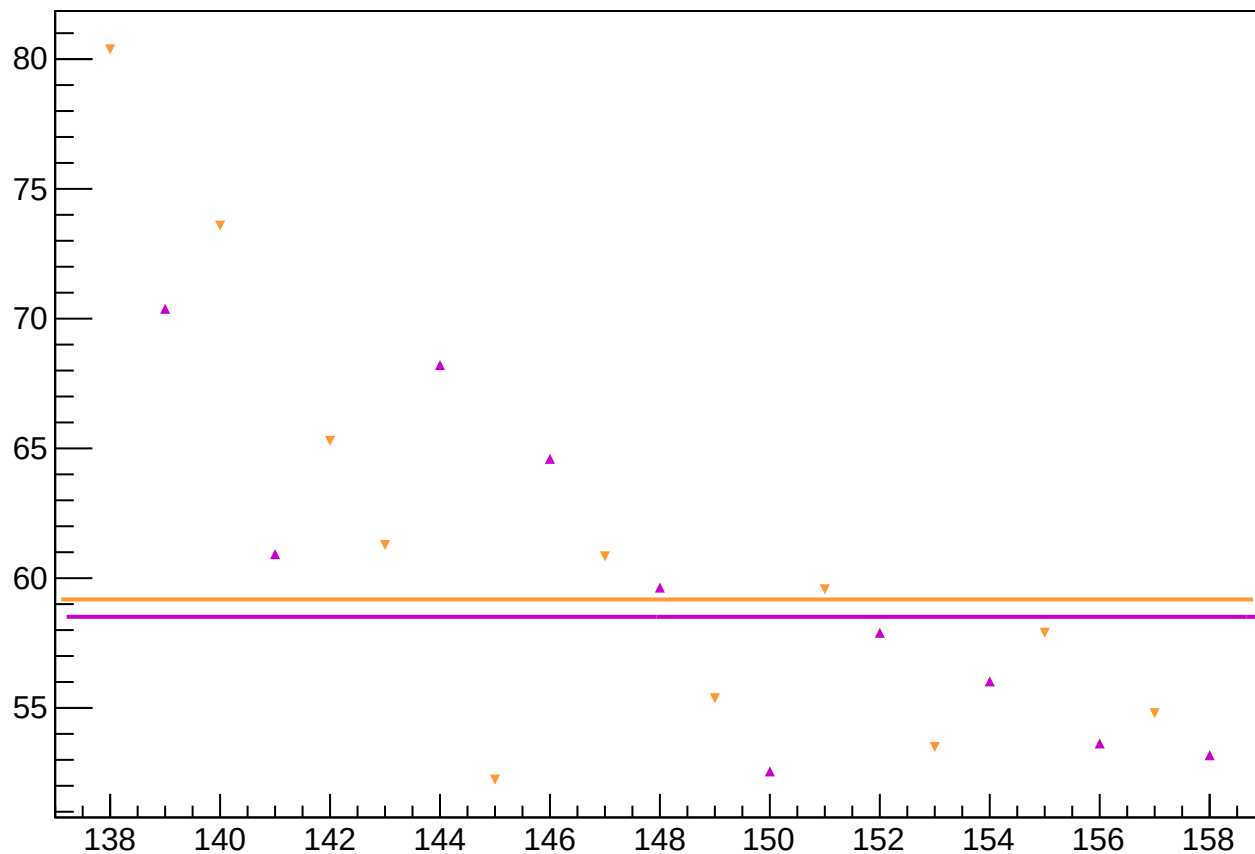
Left In: -50.670+/-20.562 χ^2/NDF : 12.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.621+/-14.723 χ^2/NDF : 32.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 59.180+/-0.015 χ^2/NDF : 230023.3/10

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

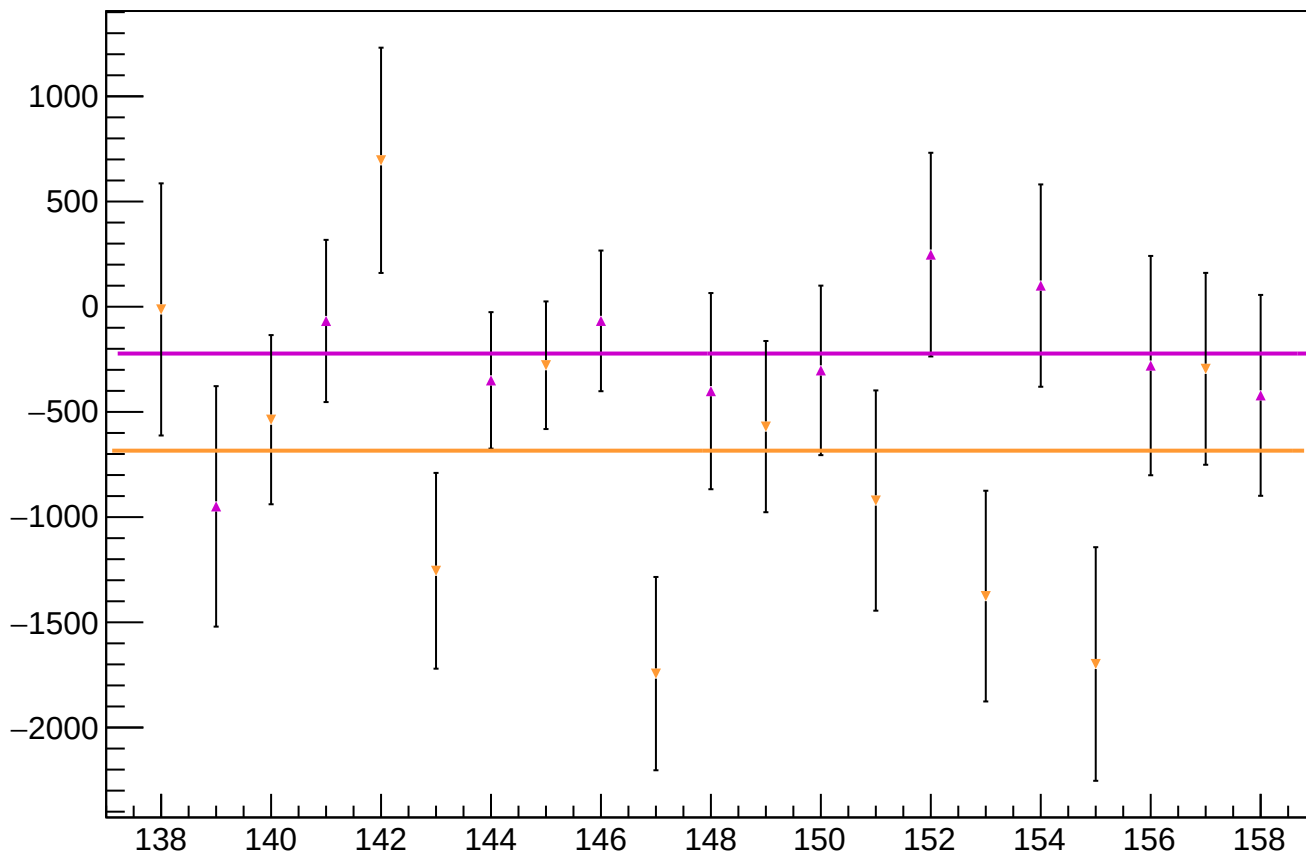
Left In: 58.511+/-0.015 χ^2/NDF : 150639.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.837+/-0.010 χ^2/NDF : 381693.5/20

- 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: -684.141+/-135.557 χ^2/NDF :22.9/10

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

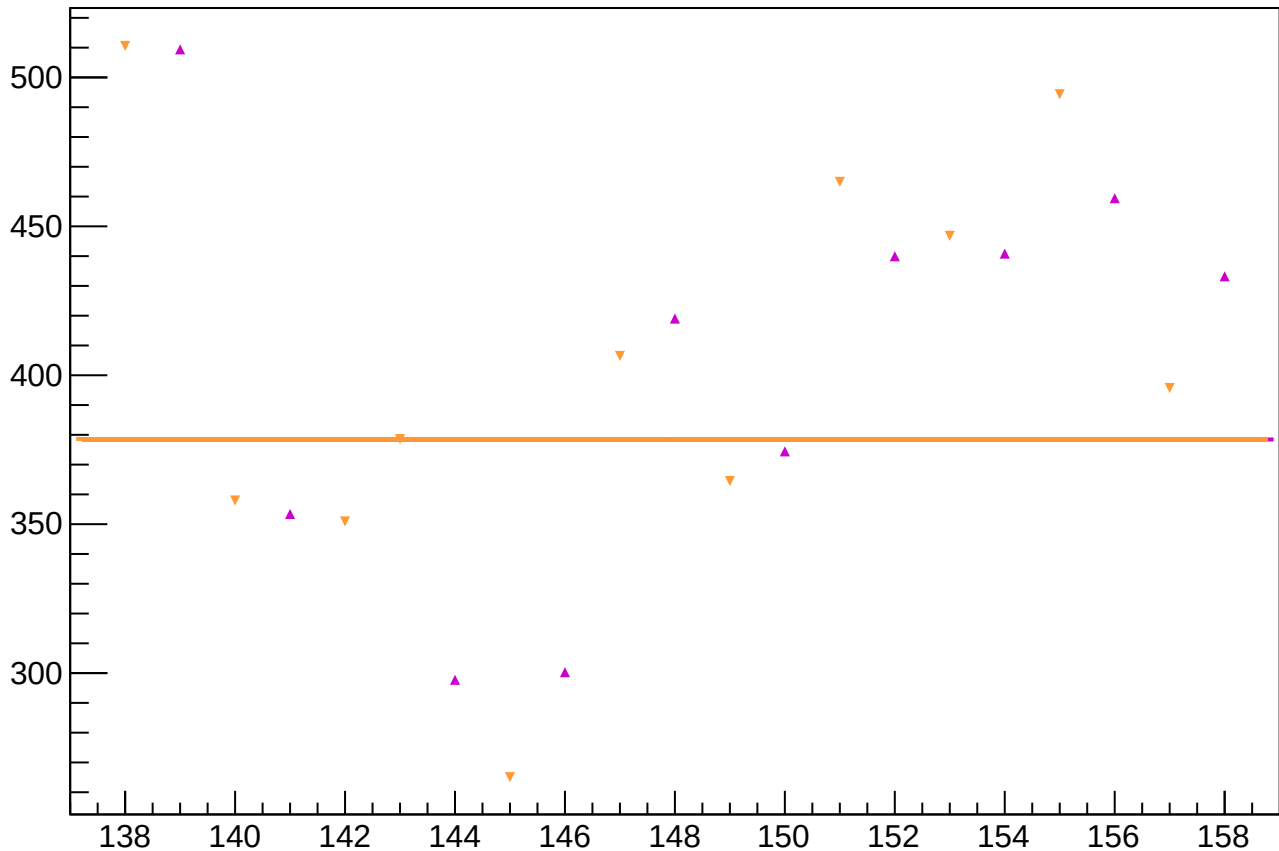
Left In: -222.534+/-134.020 χ^2/NDF :3.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -450.706+/-95.305 χ^2/NDF : 32.7/20

- 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: 378.613+/-0.096 χ^2/NDF : 578958.7/10

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

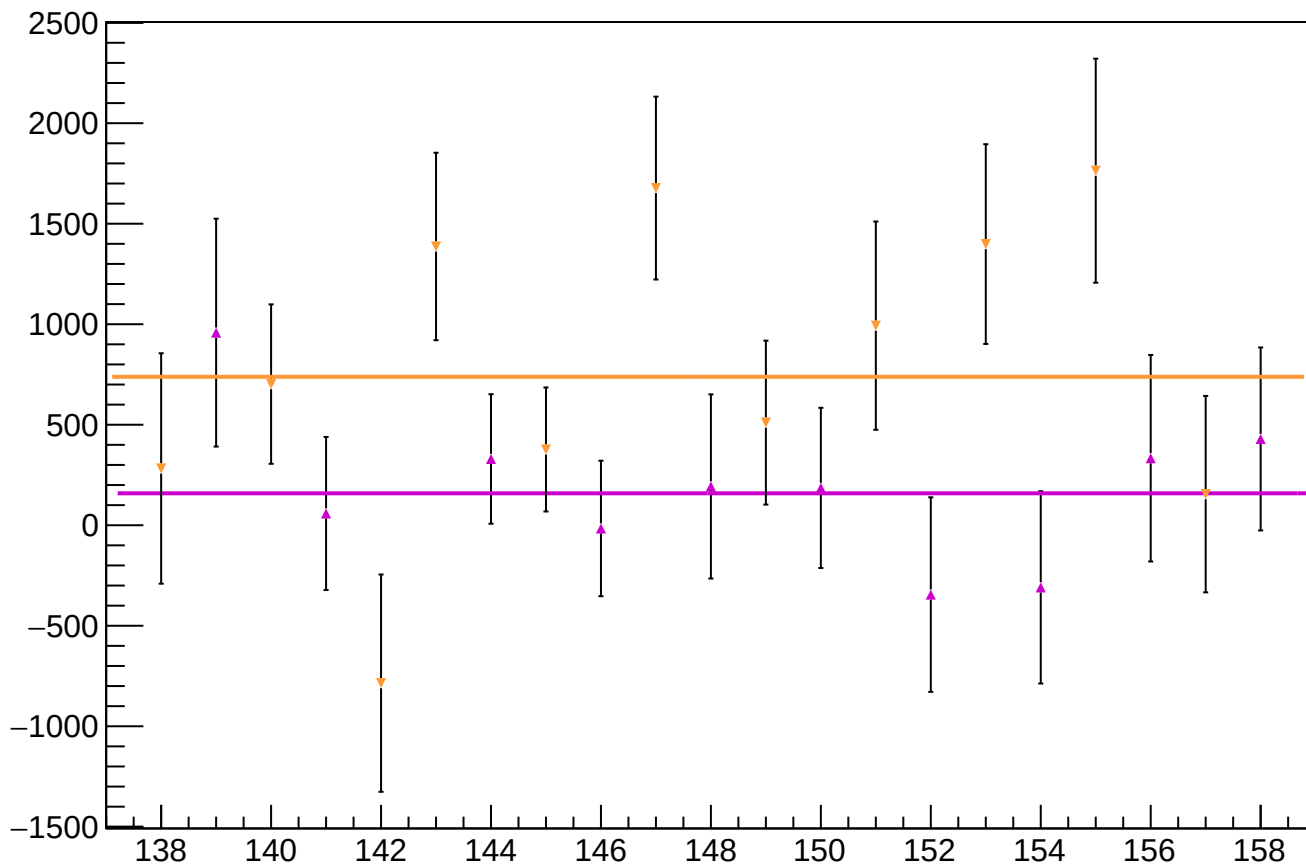
Left In: 378.439+/-0.095 χ^2/NDF : 502569.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.525+/-0.067 χ^2/NDF : 1081529.7/20

- 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: 738.461+/-136.126 χ^2/NDF : 23.3/10

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

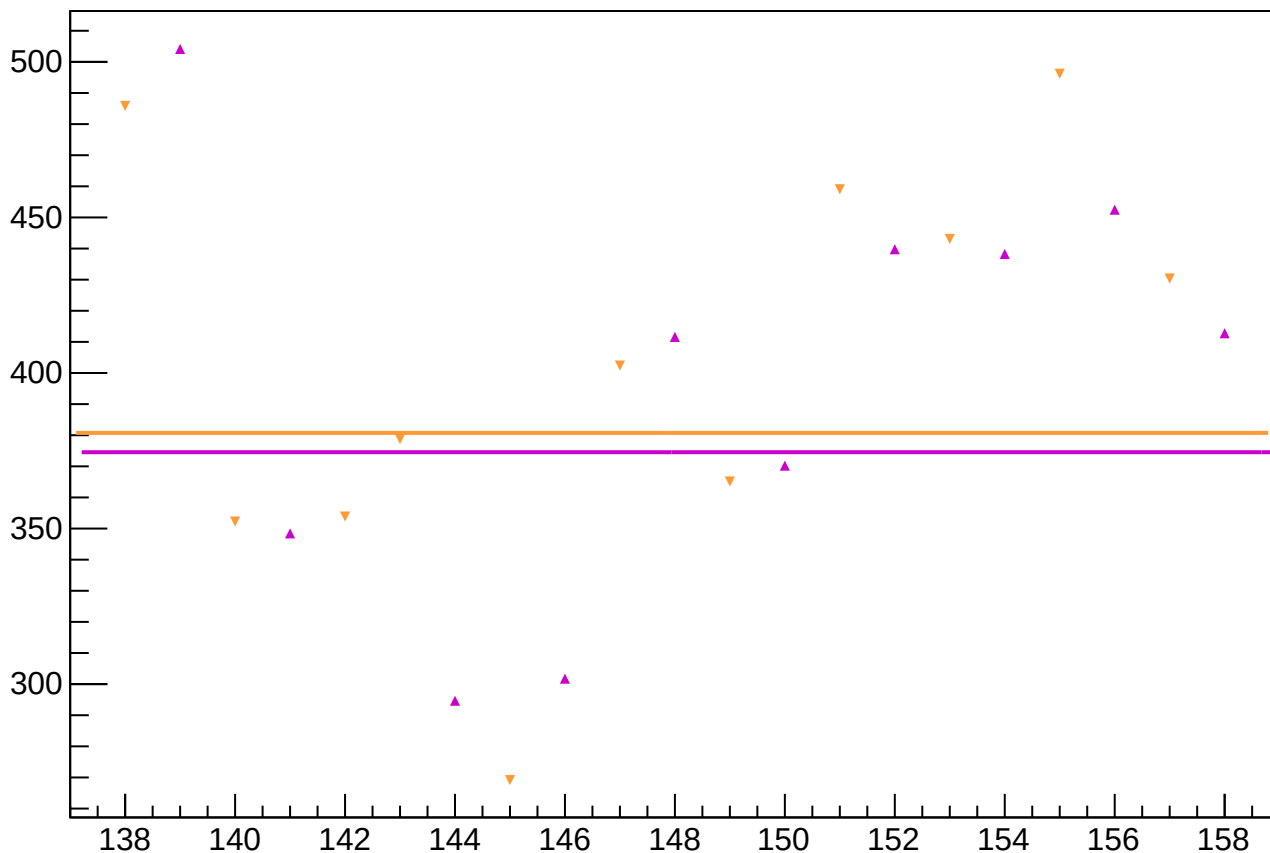
Left In: 158.921+/-132.718 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.346+/-95.028 χ^2/NDF : 37.7/20

- 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: 380.754+/-0.096 χ^2/NDF : 535261.1/10

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

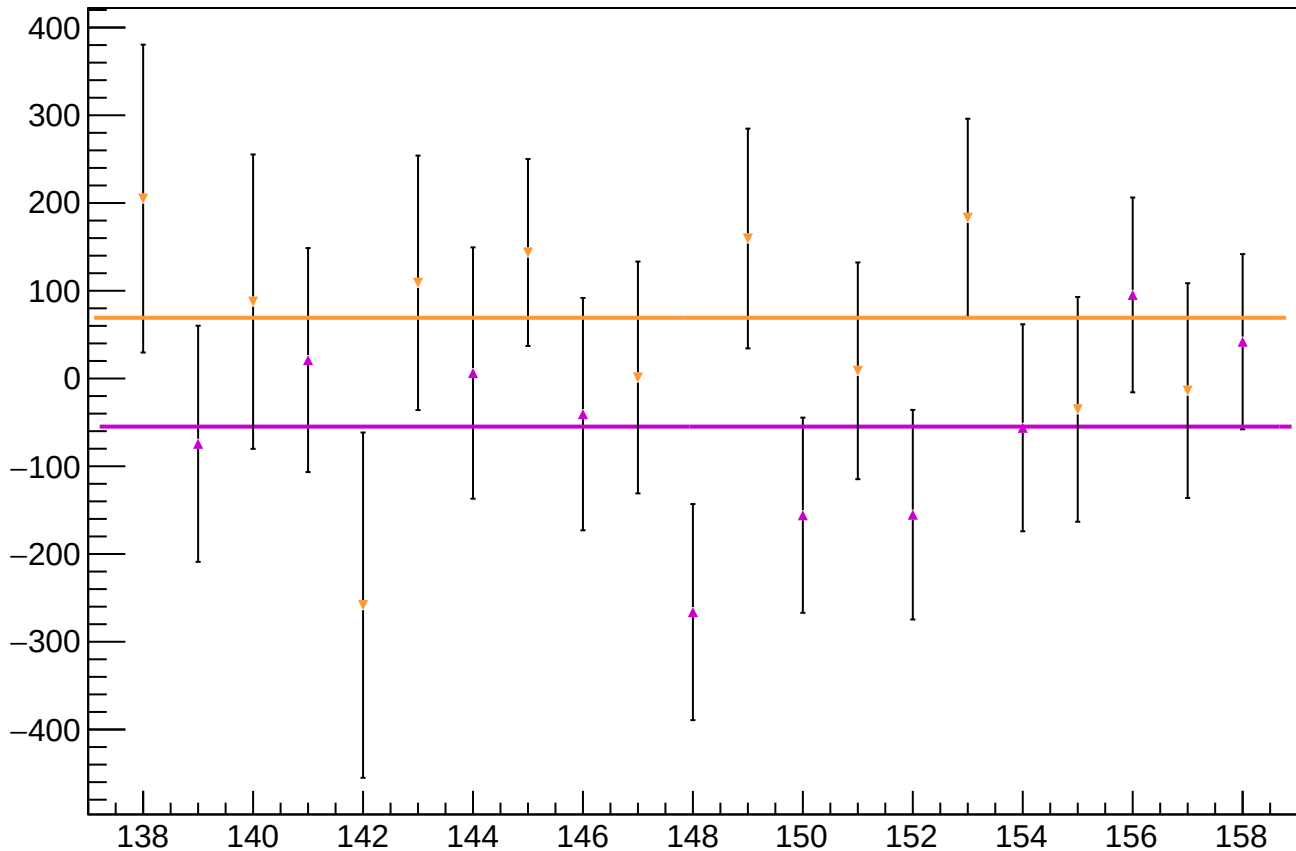
Left In: 374.540+/-0.094 χ^2/NDF : 475582.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.568+/-0.067 χ^2/NDF : 1012980.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 69.216+/-40.085 χ^2/NDF : 7.1/10

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

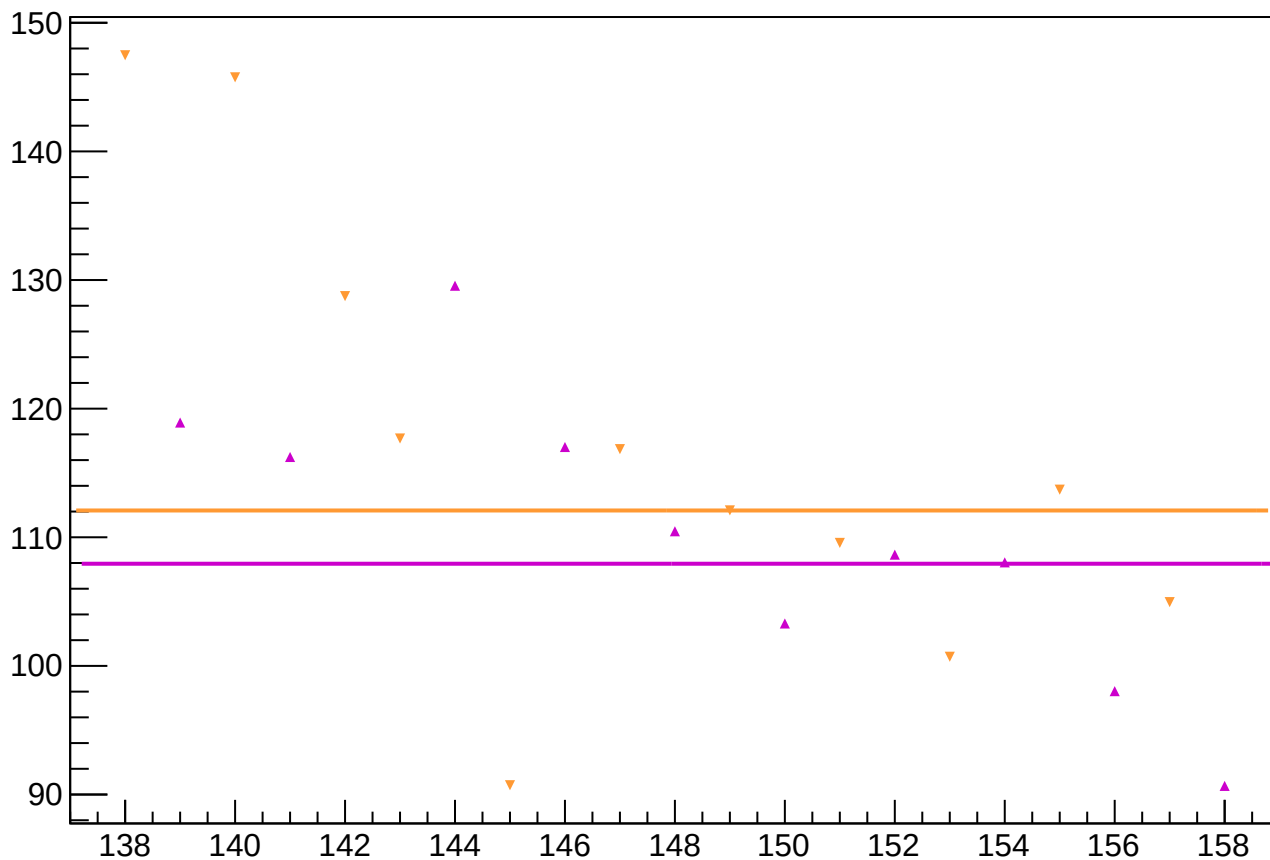
Left In: -54.804+/-37.997 χ^2/NDF : 7.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.892+/-27.577 χ^2/NDF : 20.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 112.083+/-0.028 χ^2/NDF : 290559.7/10

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

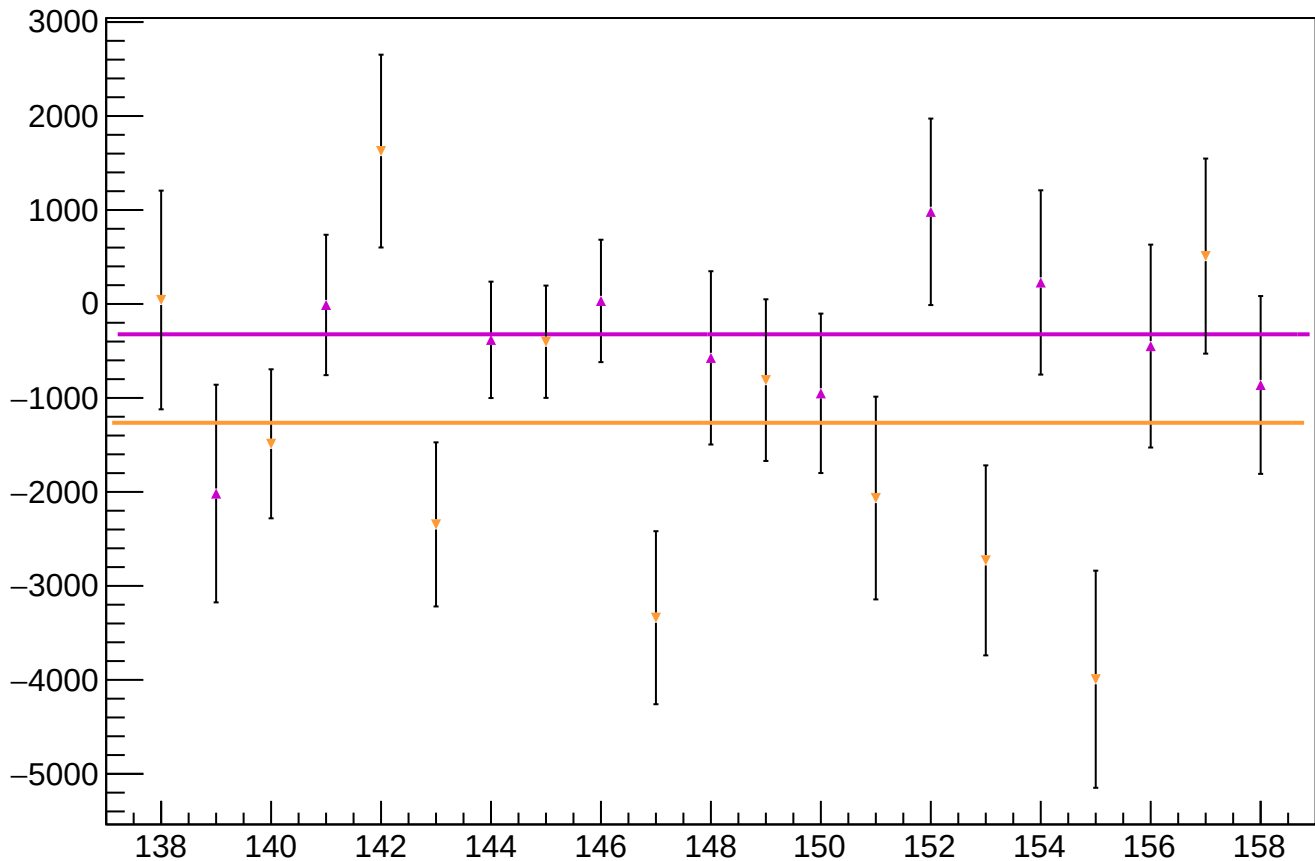
Left In: 107.943+/-0.027 χ^2/NDF : 156879.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.902+/-0.019 χ^2/NDF : 458677.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -1264.207+/-272.774 χ^2/NDF :29.4/10

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

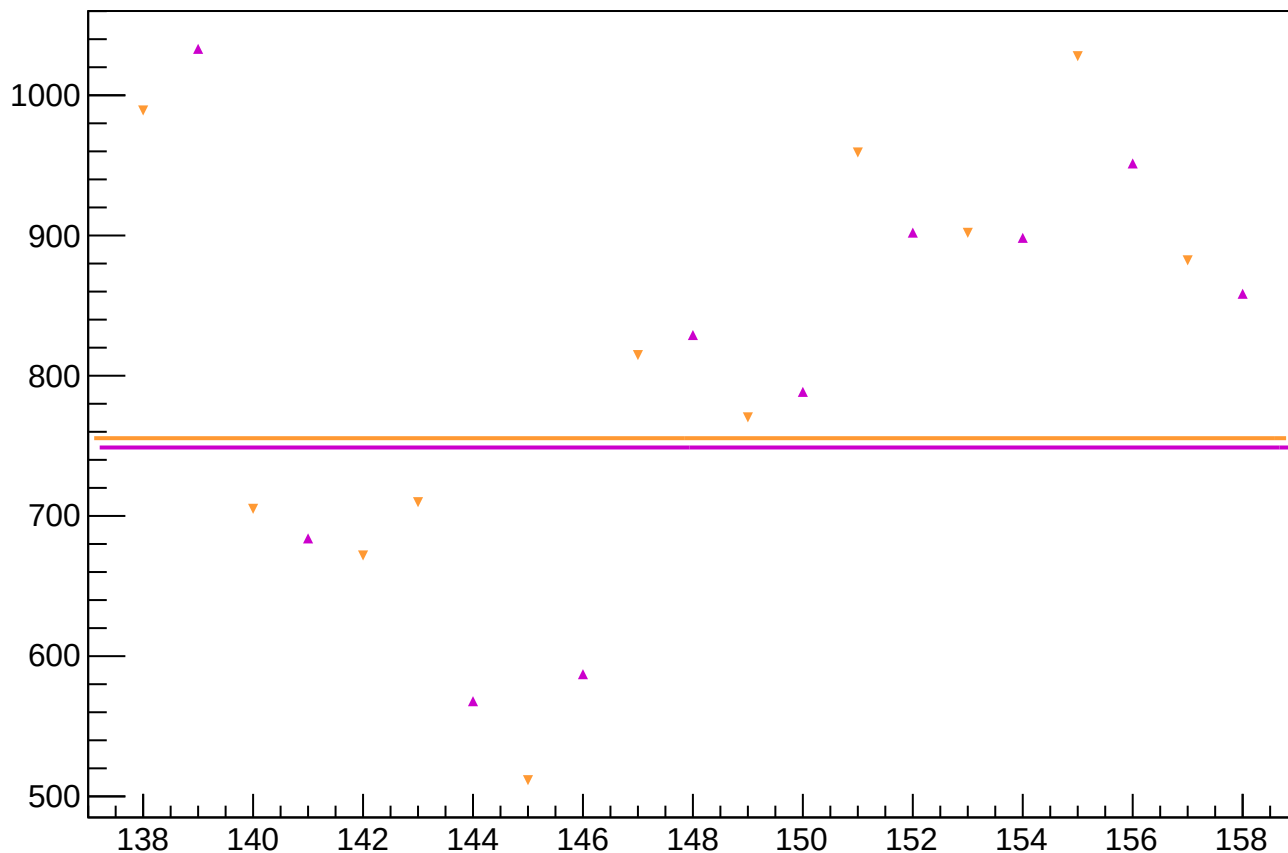
Left In: -322.815+/-266.307 χ^2/NDF :5.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -782.219+/-190.553 χ^2/NDF : 41.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_rms vs Slug



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

Left Out: 755.451+/-0.193 χ^2/NDF : 704156.3/10

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

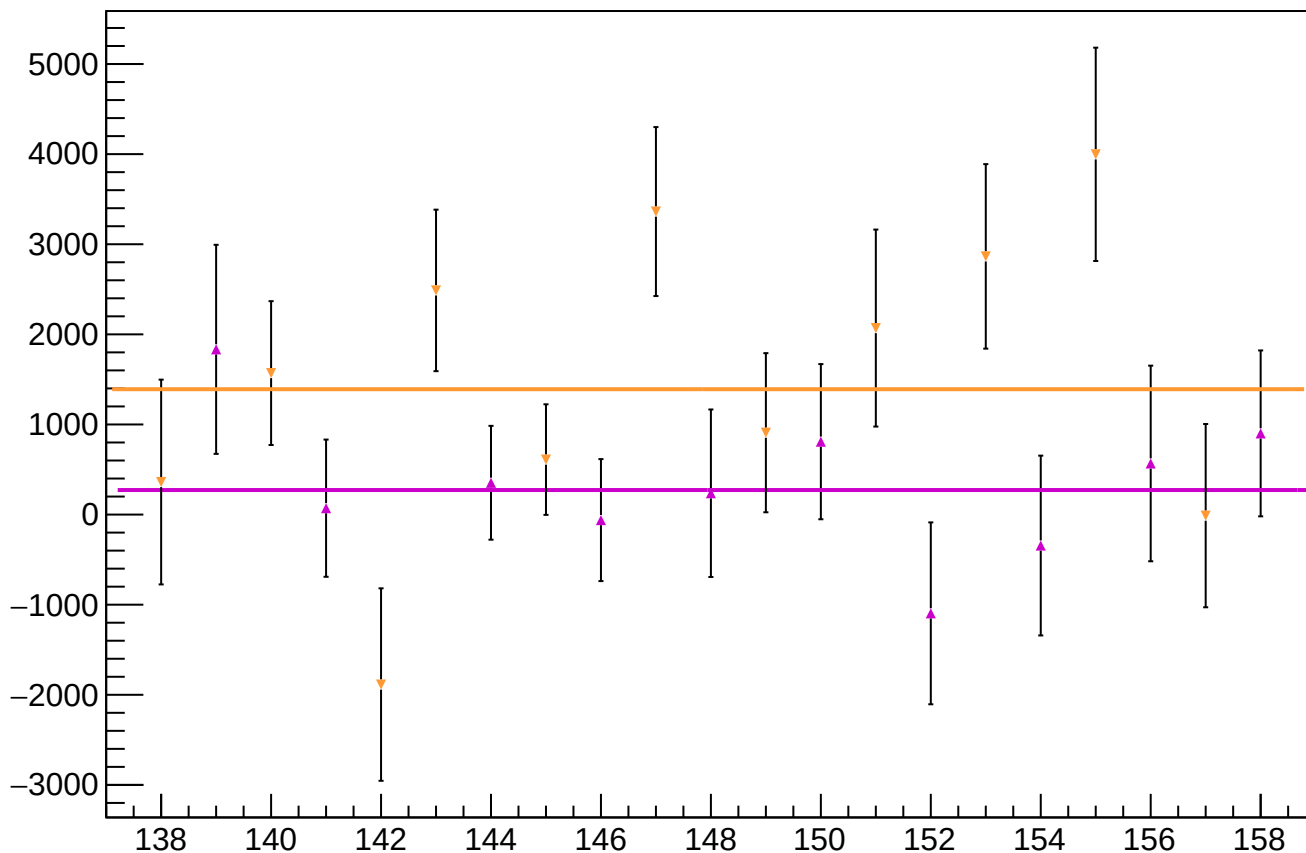
Left In: 748.810+/-0.188 χ^2/NDF : 640592.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.051+/-0.135 χ^2/NDF : 1345355.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 1391.368+/-277.197 χ^2/NDF : 27.3/10

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

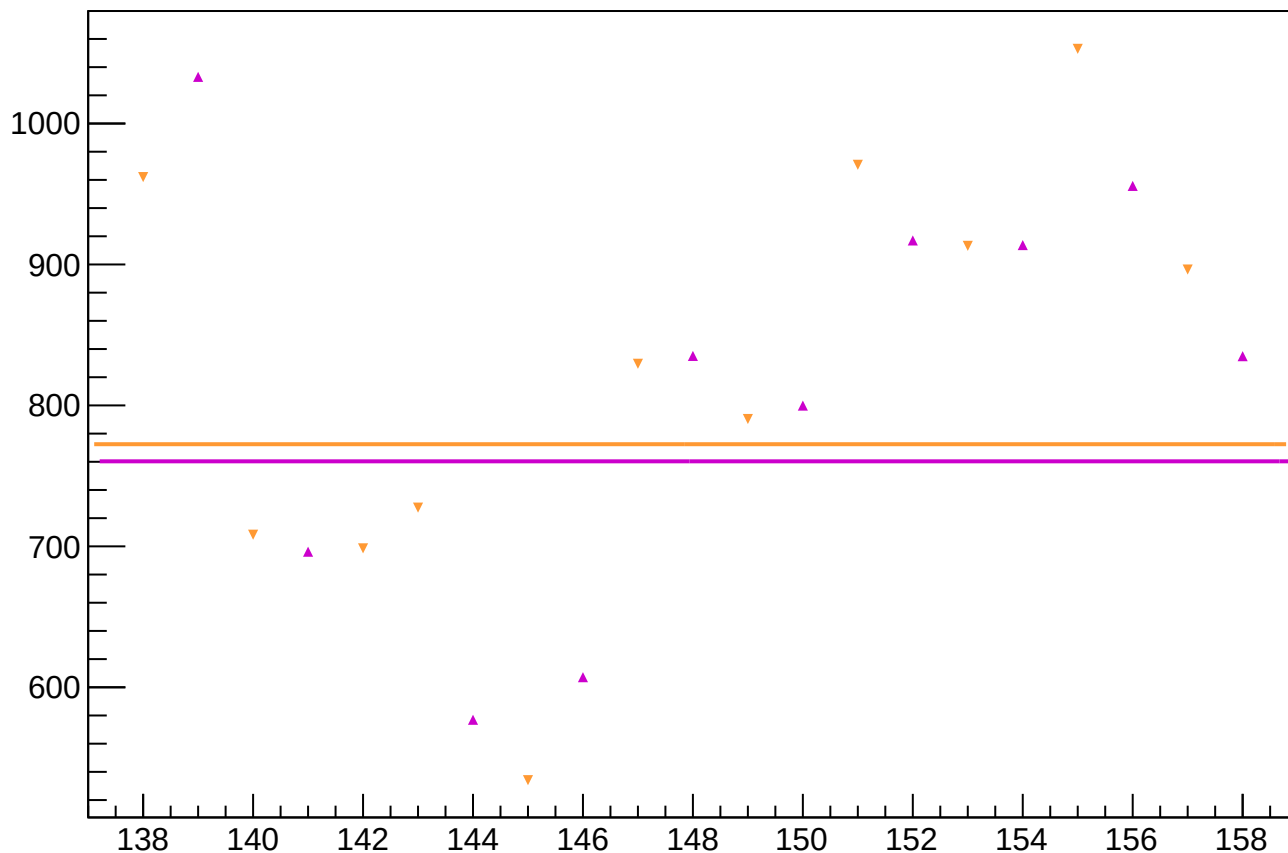
Left In: 272.305+/-270.370 χ^2/NDF : 5.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 817.887+/-193.549 χ^2/NDF : 41.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



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

Left Out: 772.473+/-0.196 χ^2/NDF : 638871.0/10

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

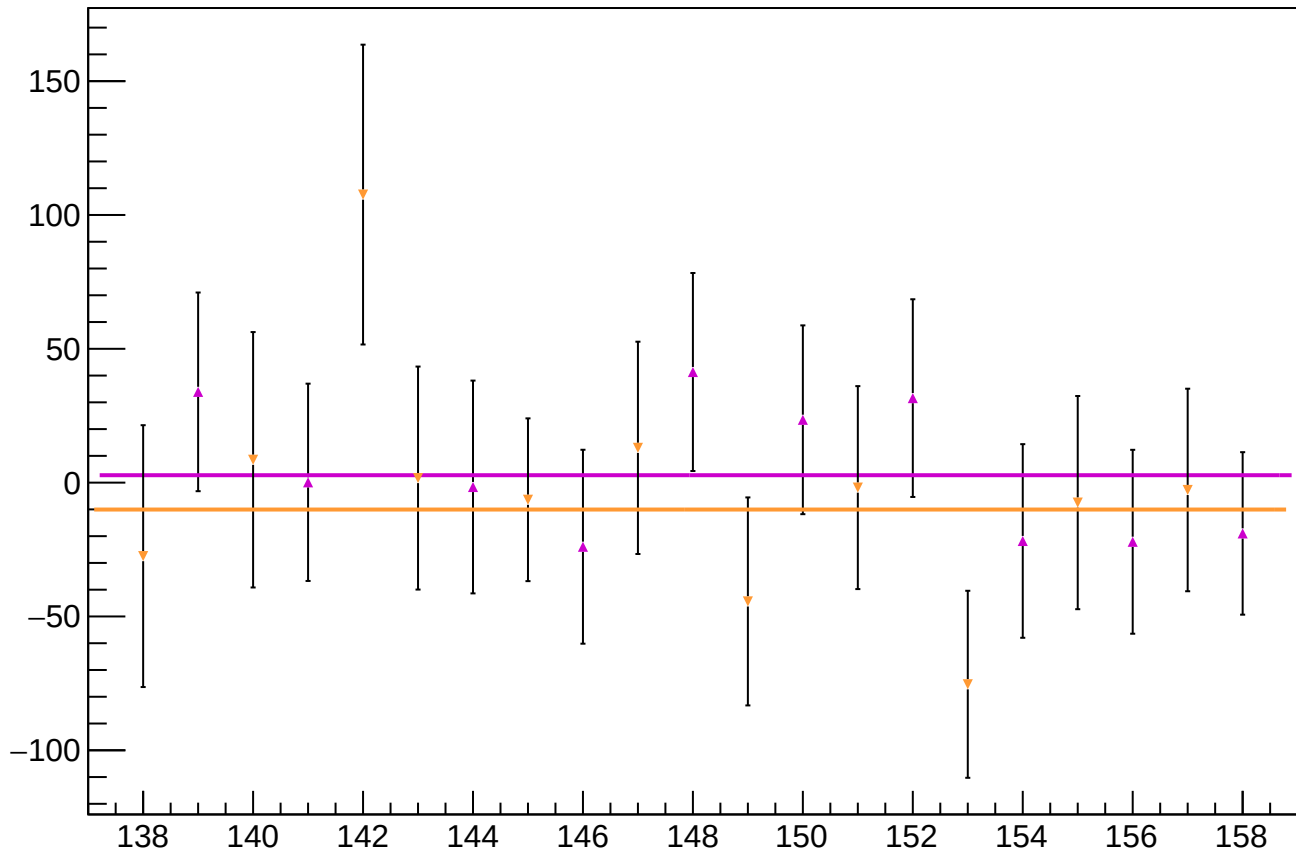
Left In: 760.330+/-0.191 χ^2/NDF : 586416.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.250+/-0.137 χ^2/NDF : 1227254.3/20

- 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: -10.053 $\pm$ 11.973 χ^2 /NDF:9.5/10

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

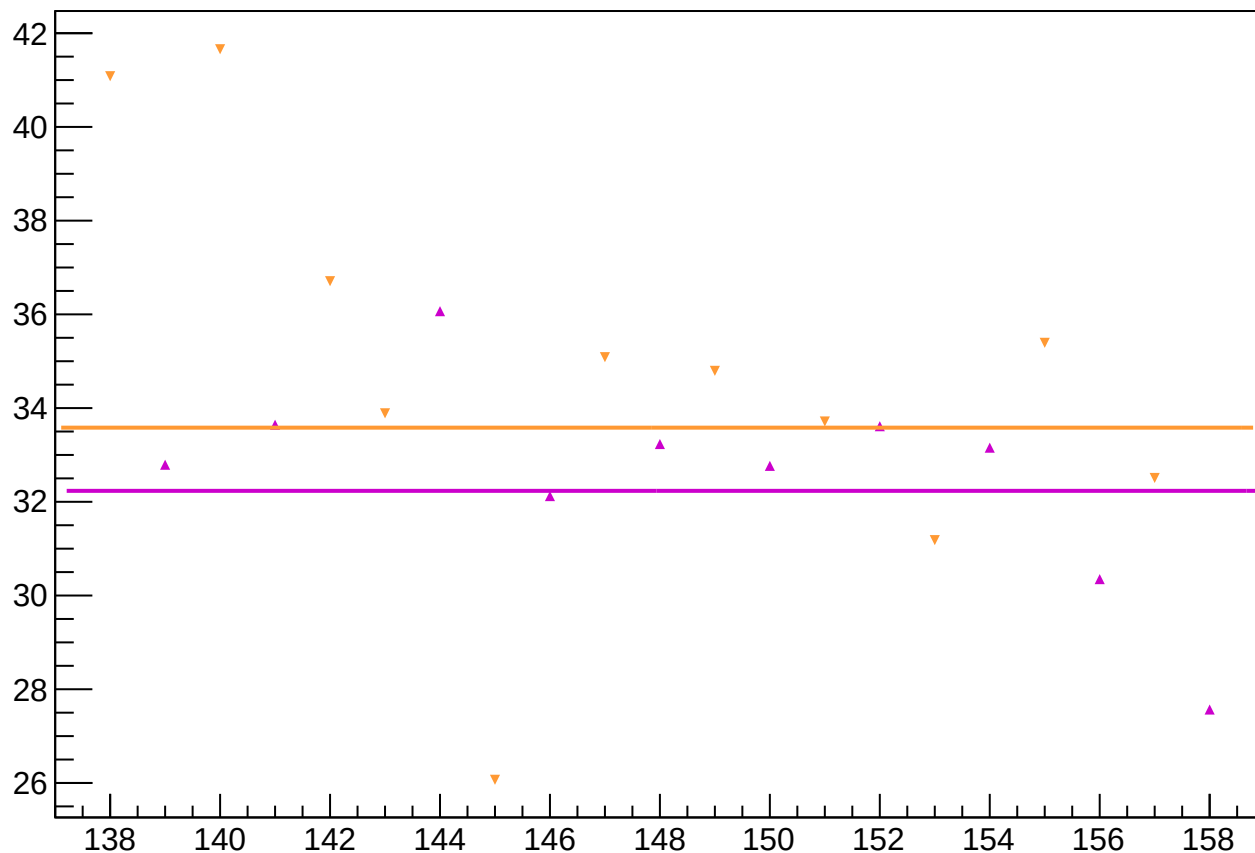
Left In: 2.774 $\pm$ 11.307 χ^2 /NDF:4.8/9

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

All: -3.273 $\pm$ 8.221 χ^2 /NDF: 14.9/20

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

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 33.583+/-0.008 χ^2/NDF : 252827.7/10

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

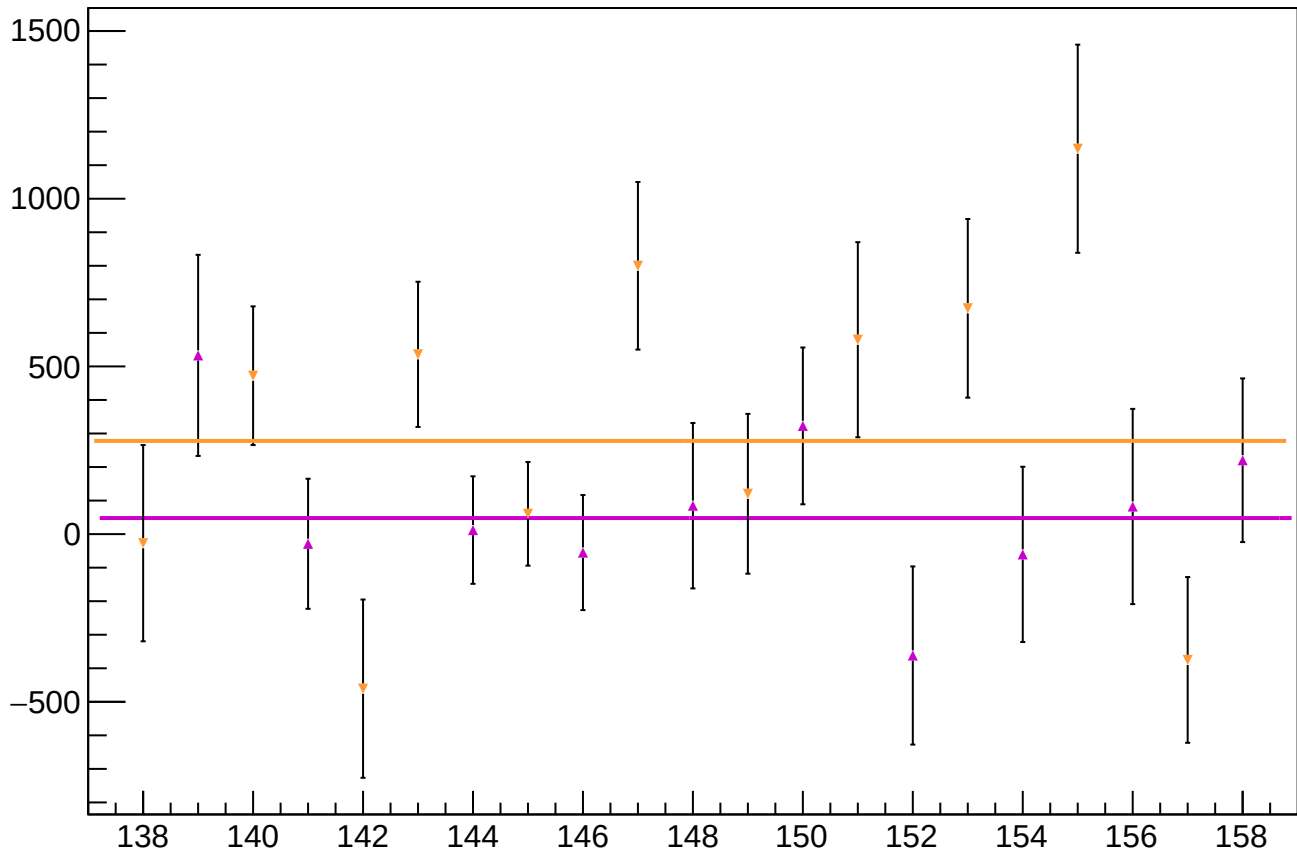
Left In: 32.234+/-0.008 χ^2/NDF : 81287.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.870+/-0.006 χ^2/NDF : 347527.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 277.939 $\pm$ 70.933 χ^2/NDF :36.0/10

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

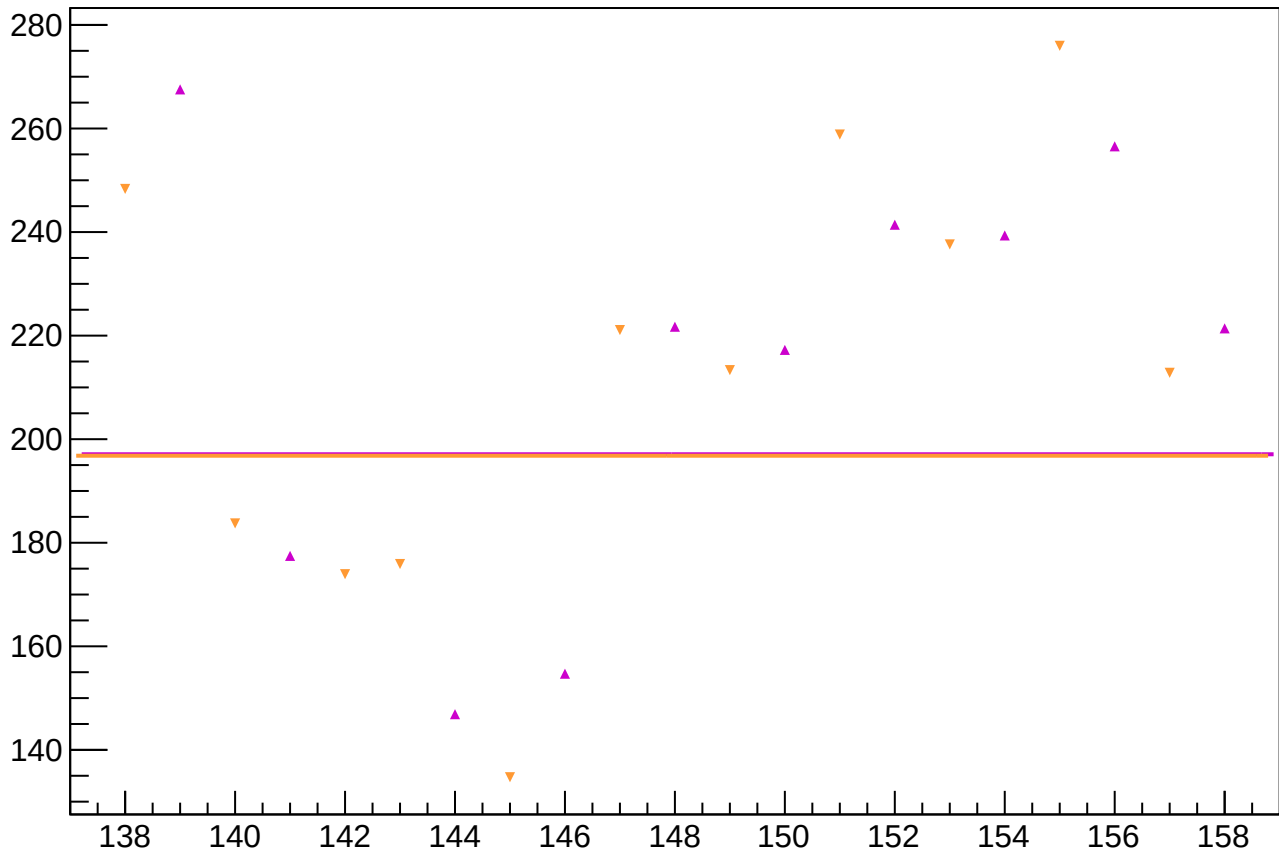
Left In: 47.895 $\pm$ 70.219 χ^2/NDF :7.7/9

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

All: 161.752 $\pm$ 49.903 χ^2/NDF : 49.0/20

- sign 0.000 $\pm$ 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: 196.809+/-0.050 χ^2/NDF : 731192.3/10

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

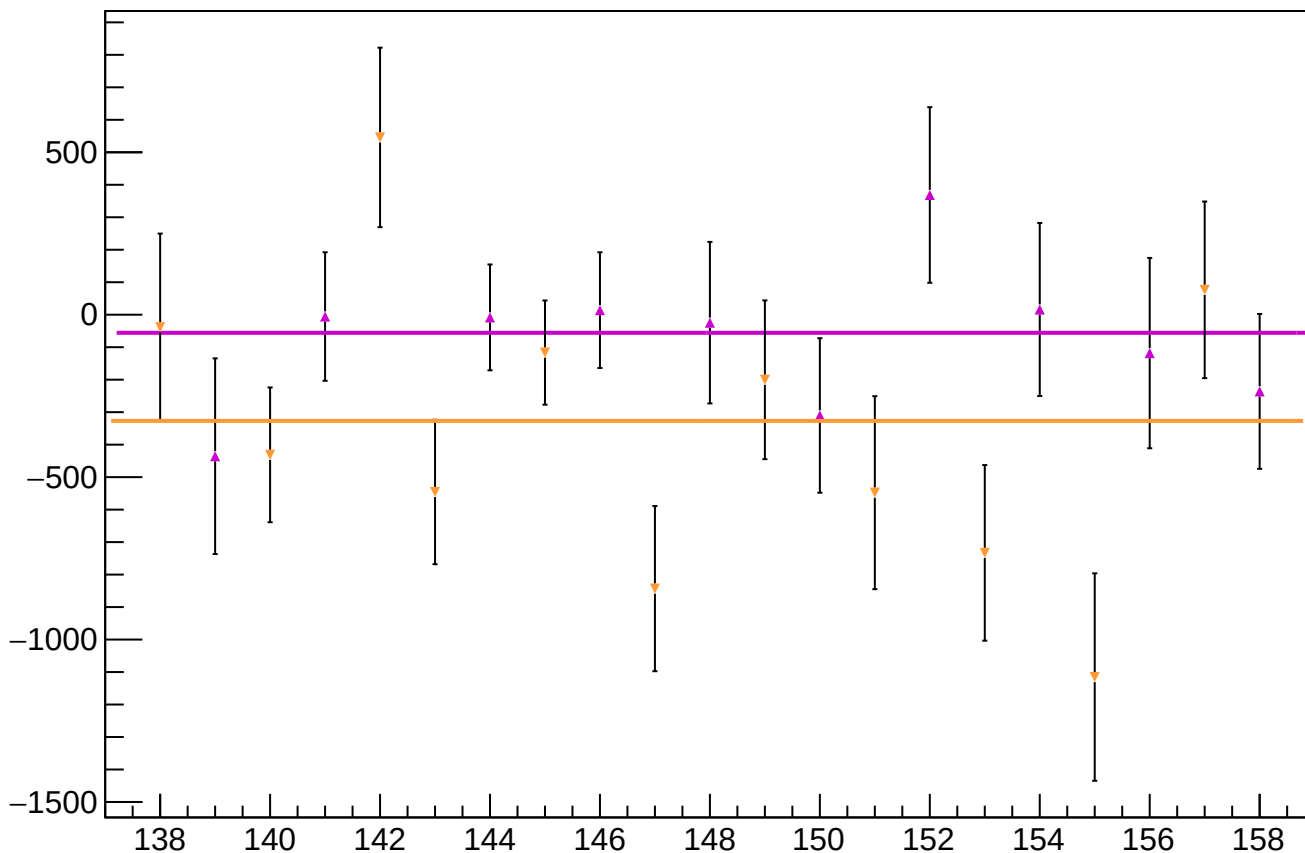
Left In: 197.088+/-0.050 χ^2/NDF : 695429.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.950+/-0.035 χ^2/NDF : 1426637.3/20

- 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: -326.841+/-72.922 χ^2/NDF : 29.4/10

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

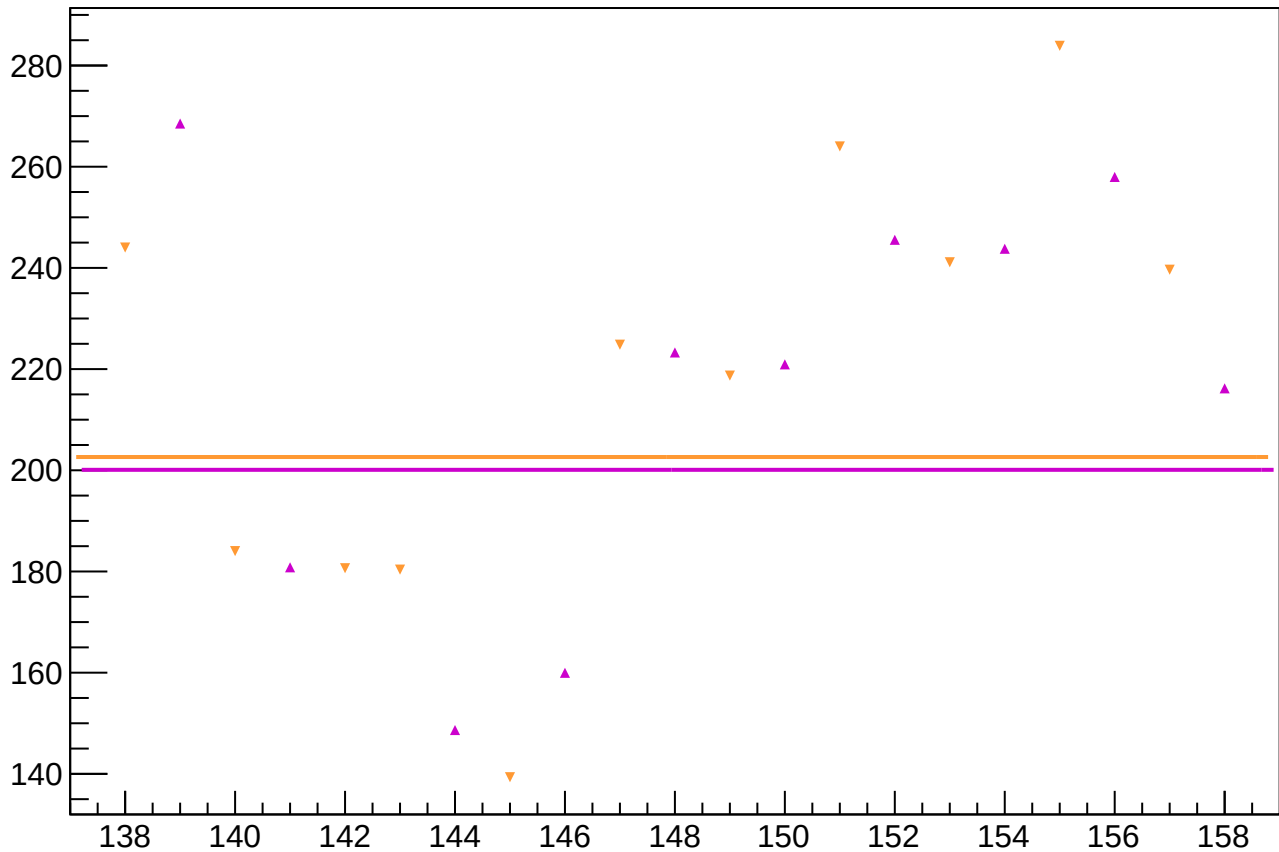
Left In: -55.675+/-71.307 χ^2/NDF : 6.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.223+/-50.983 χ^2/NDF : 42.7/20

- 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: 202.624+/-0.052 χ^2/NDF : 717963.6/10

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

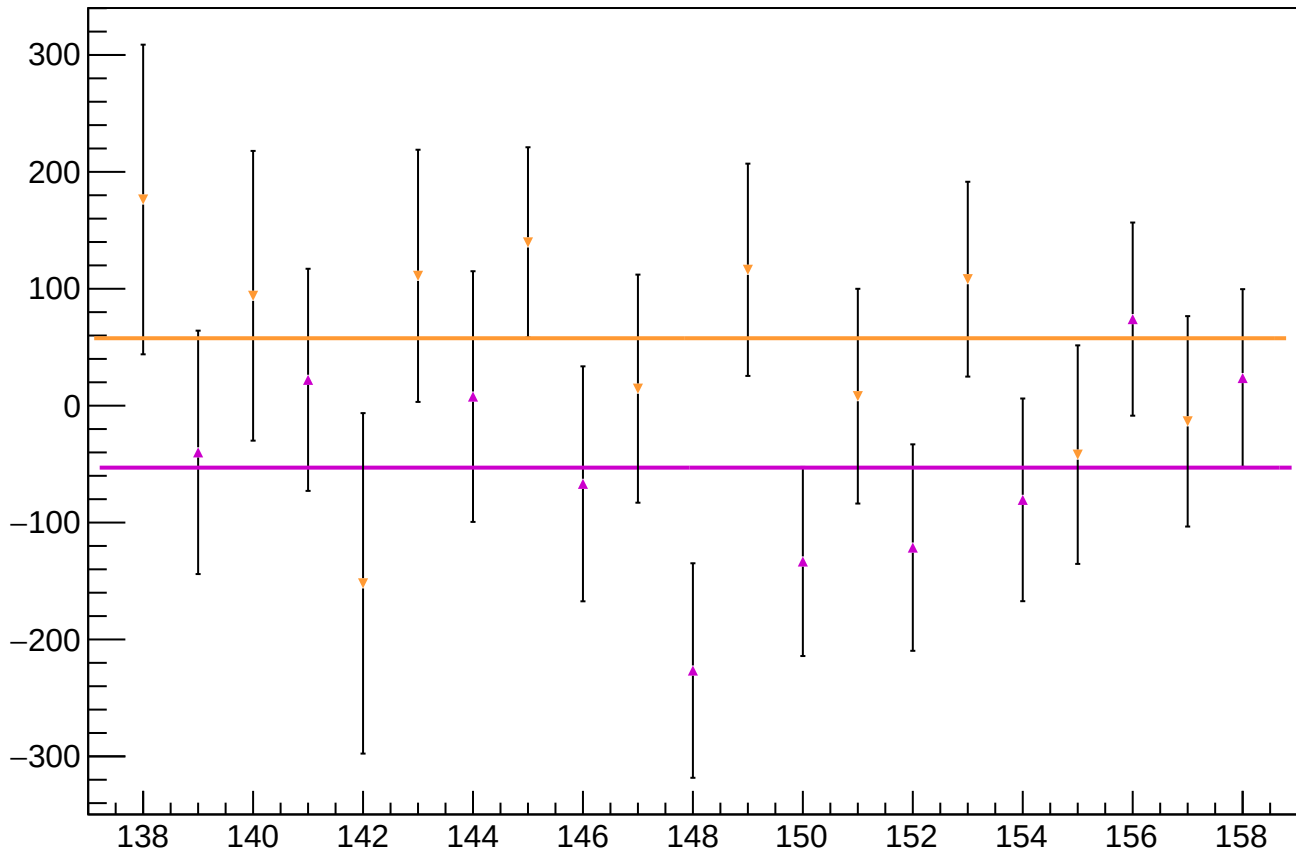
Left In: 200.093+/-0.050 χ^2/NDF : 653394.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.330+/-0.036 χ^2/NDF : 1372589.4/20

- 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: 57.686+/-29.710 χ^2/NDF : 7.2/10

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

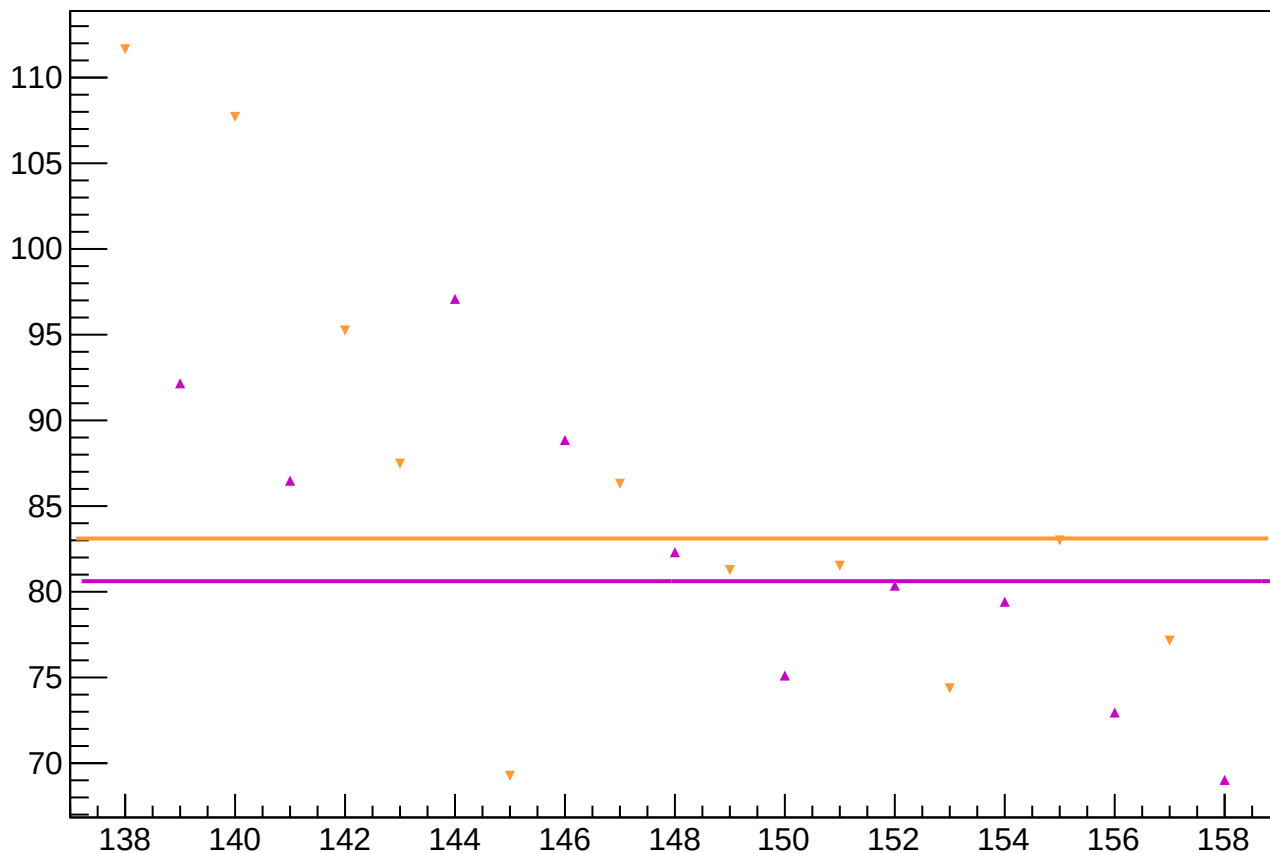
Left In: -53.009+/-28.381 χ^2/NDF : 9.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.193+/-20.522 χ^2/NDF : 24.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 83.109+/-0.021 χ^2/NDF : 281026.4/10

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

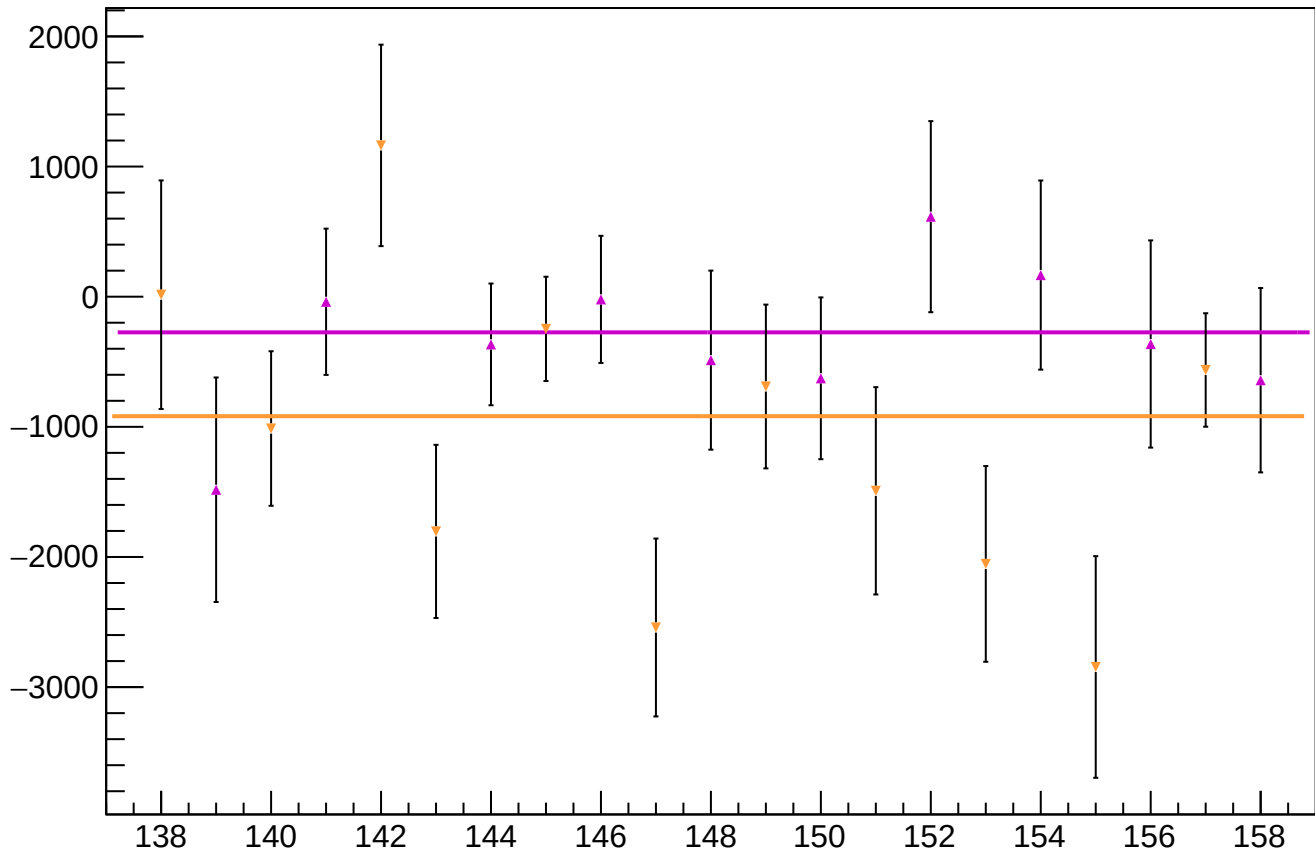
Left In: 80.619+/-0.020 χ^2/NDF : 166880.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.807+/-0.015 χ^2/NDF : 455252.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -918.588+/-185.880 χ^2/NDF :27.3/10

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

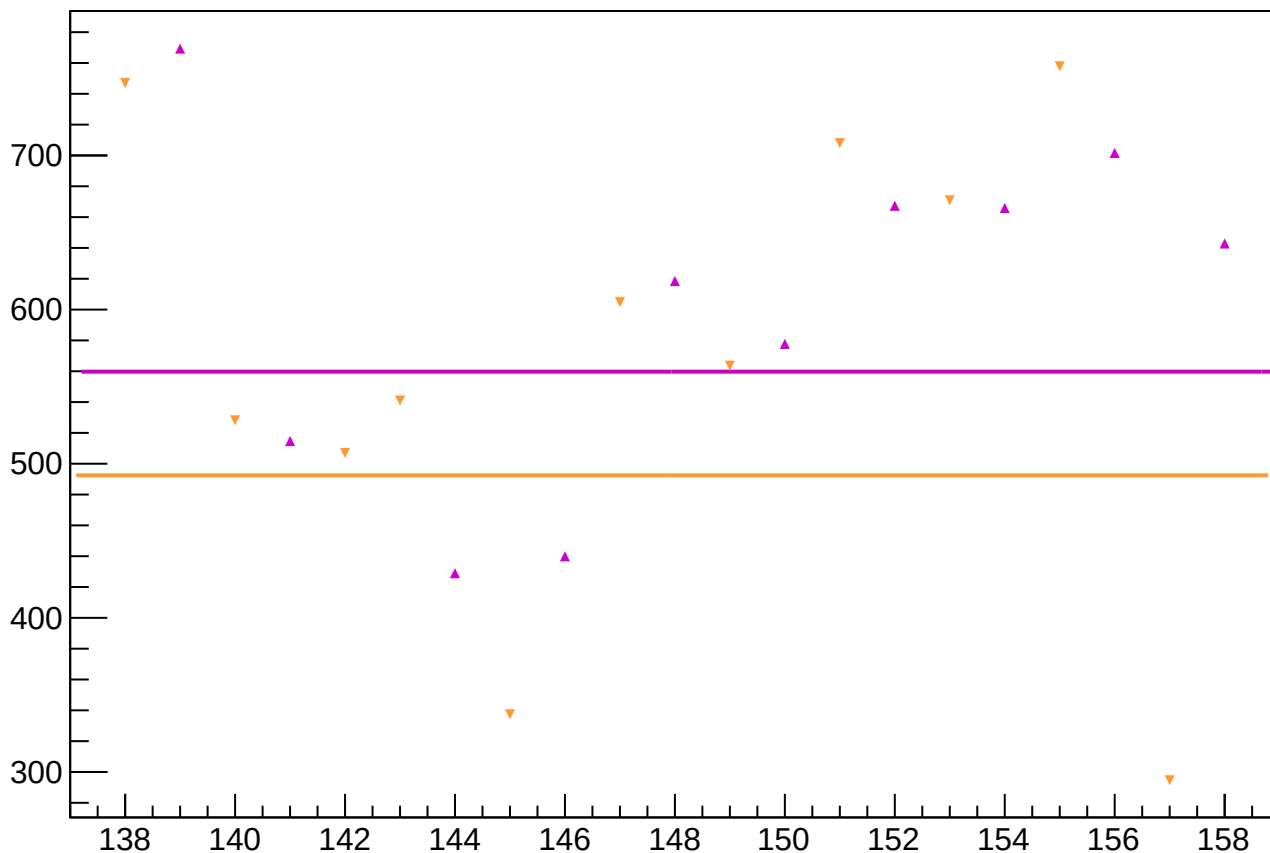
Left In: -273.975+/-198.817 χ^2/NDF :5.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -617.934+/-135.780 χ^2/NDF : 37.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 492.448+/-0.131 χ^2/NDF :1431183.1/10

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

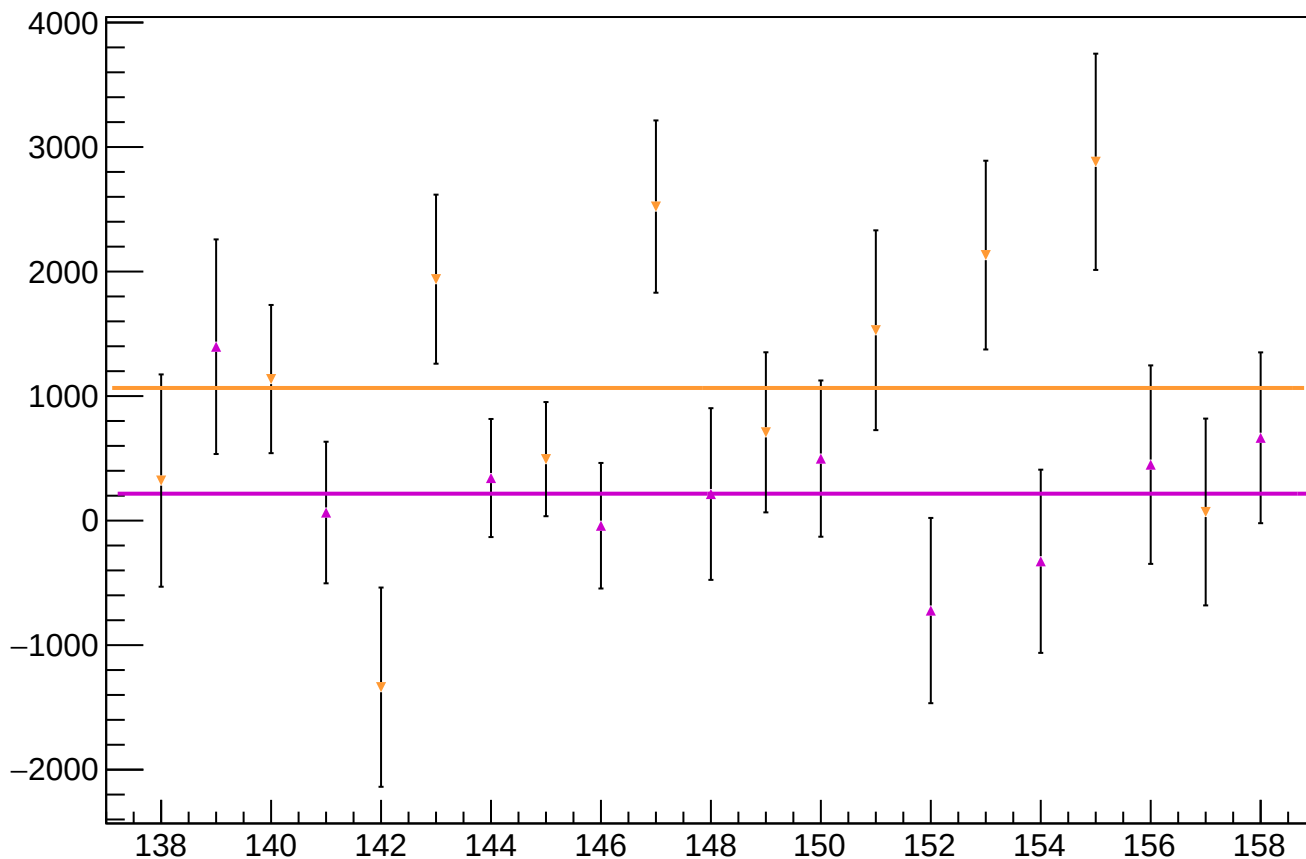
Left In: 559.737+/-0.141 χ^2/NDF :600762.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.832+/-0.096 χ^2/NDF : 2154183.9/20

- 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: 1065.155+/-205.848 χ^2/NDF : 26.2/10

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

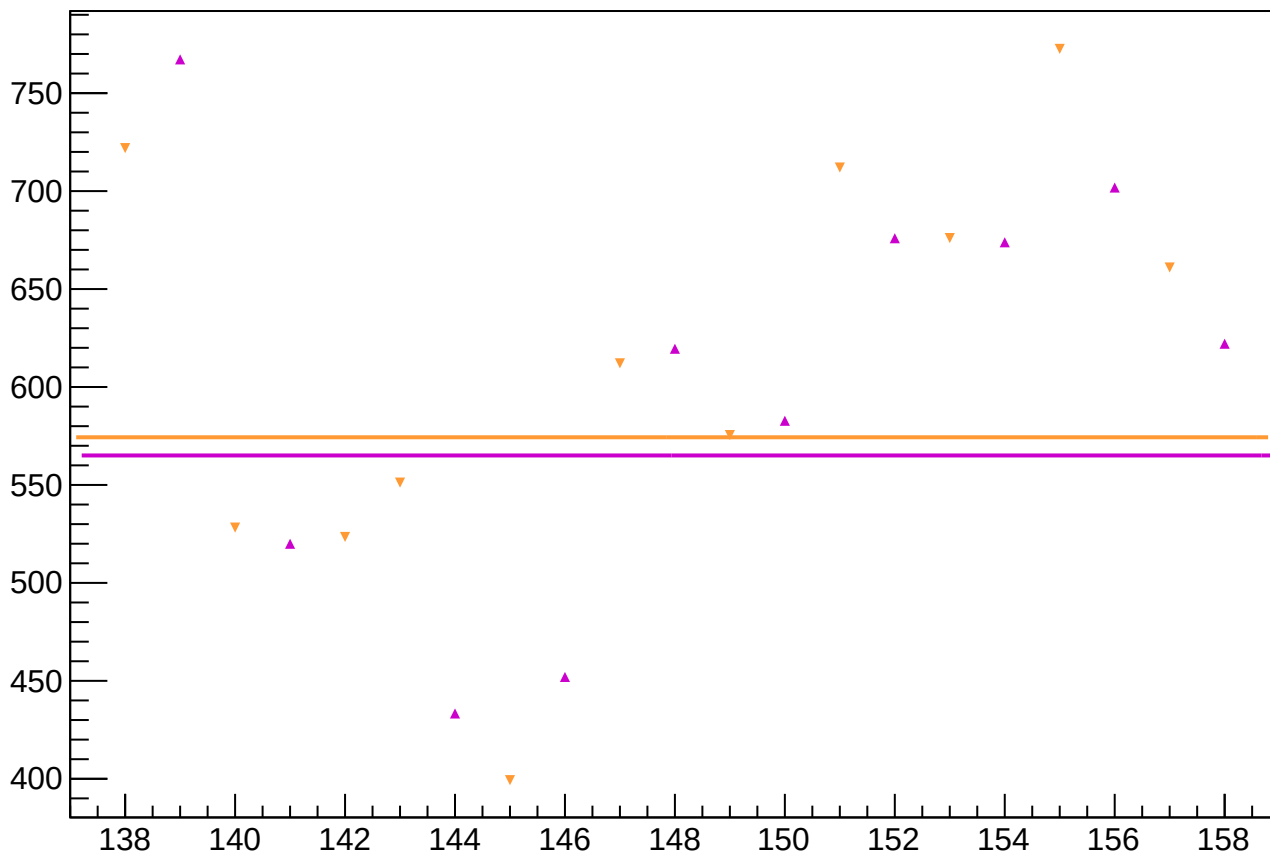
Left In: 216.217+/-200.712 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.964+/-143.706 χ^2/NDF : 40.0/20

- 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: 574.333+/-0.146 χ^2/NDF : 605845.3/10

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

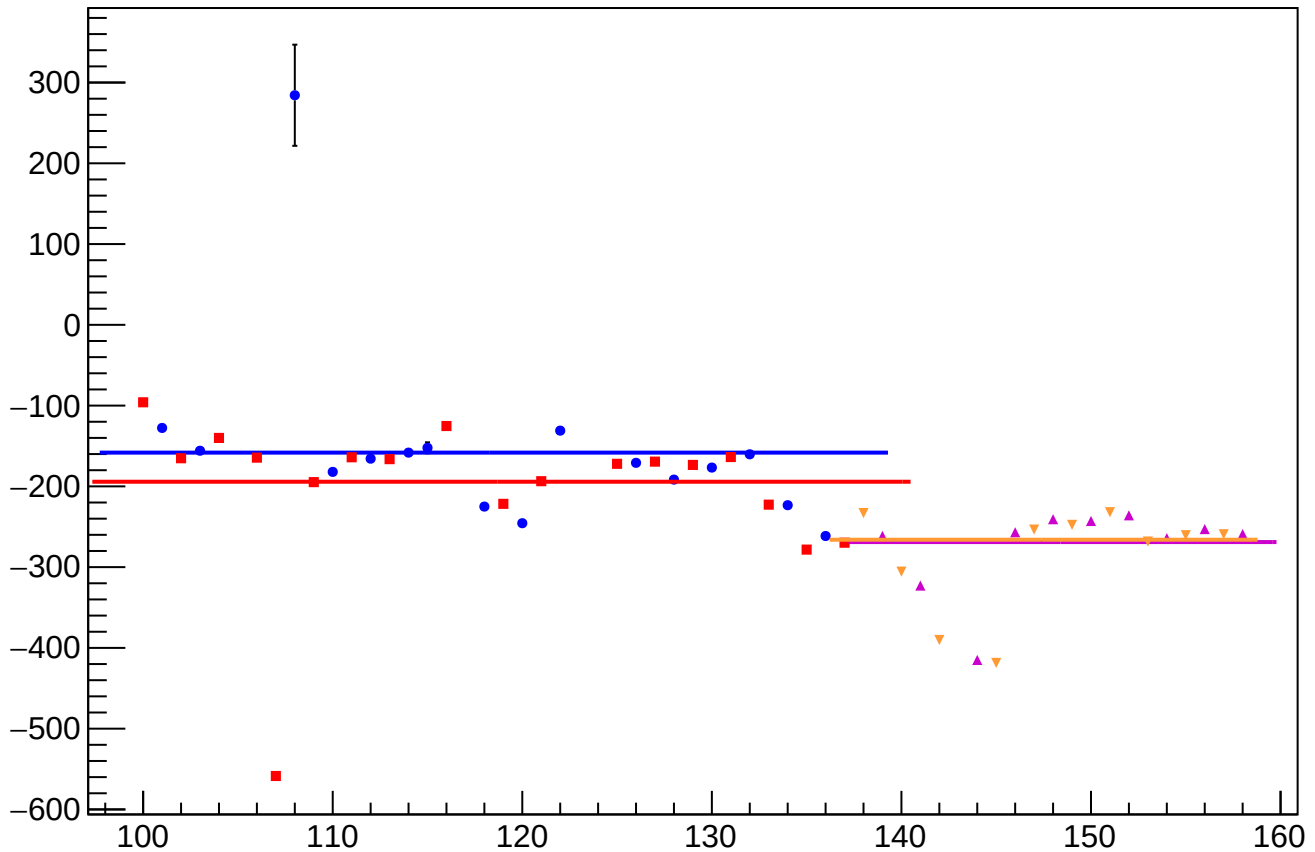
Left In: 565.054+/-0.142 χ^2/NDF : 552572.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.576+/-0.102 χ^2/NDF : 1160501.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -266.072+/-0.183 χ^2/NDF : 25252.7/9

Right Out: -194.268+/-0.165 χ^2/NDF : 176560.4/17

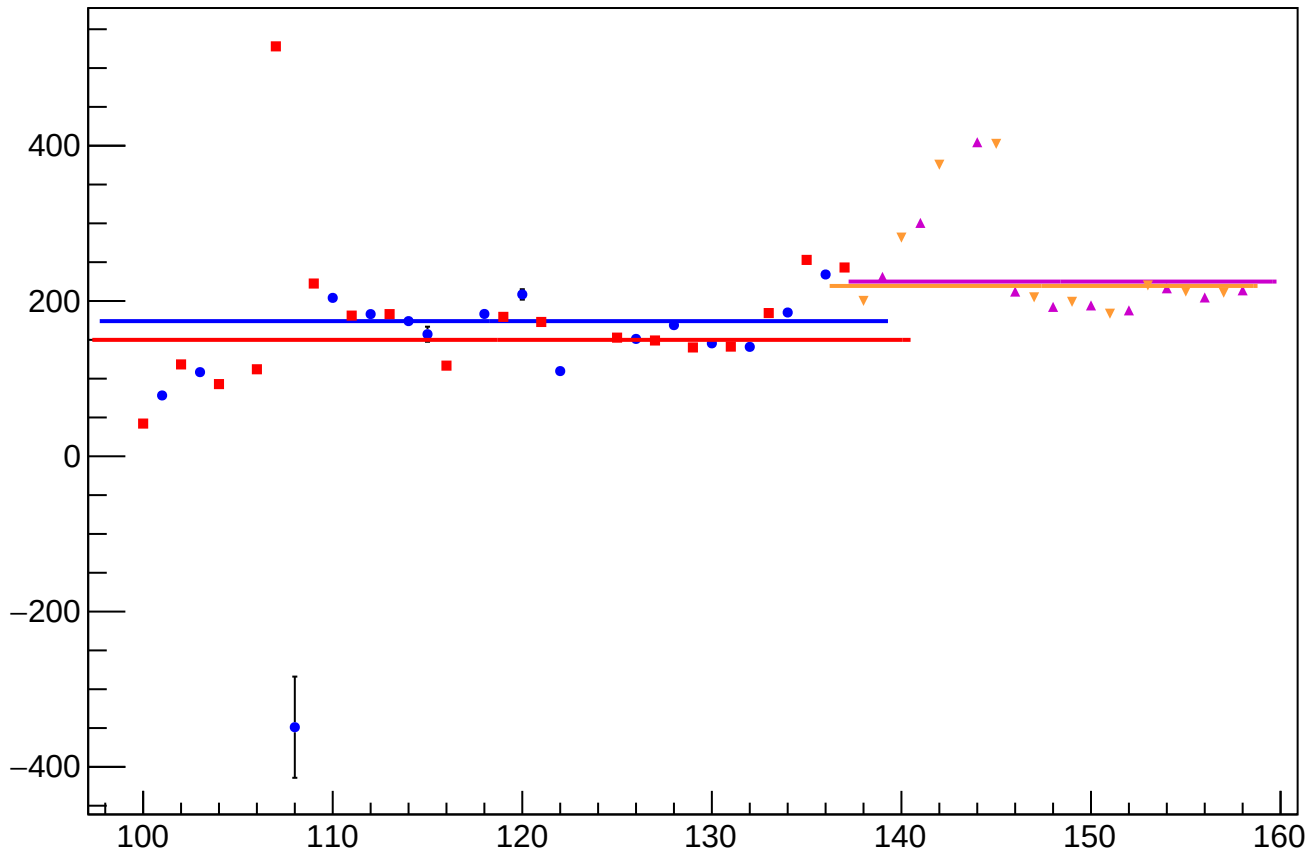
Left In: -268.974+/-0.195 χ^2/NDF : 43098.2/9

+ sign -158.222+/-0.000 χ^2/NDF : 489485.3/25

All: -158.222+/-0.000 χ^2/NDF : 1080954.7/53

- sign -225.559+/-0.126 χ^2/NDF : 305373.4/27

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 219.378+/-0.182 χ^2/NDF : 33227.1/9

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

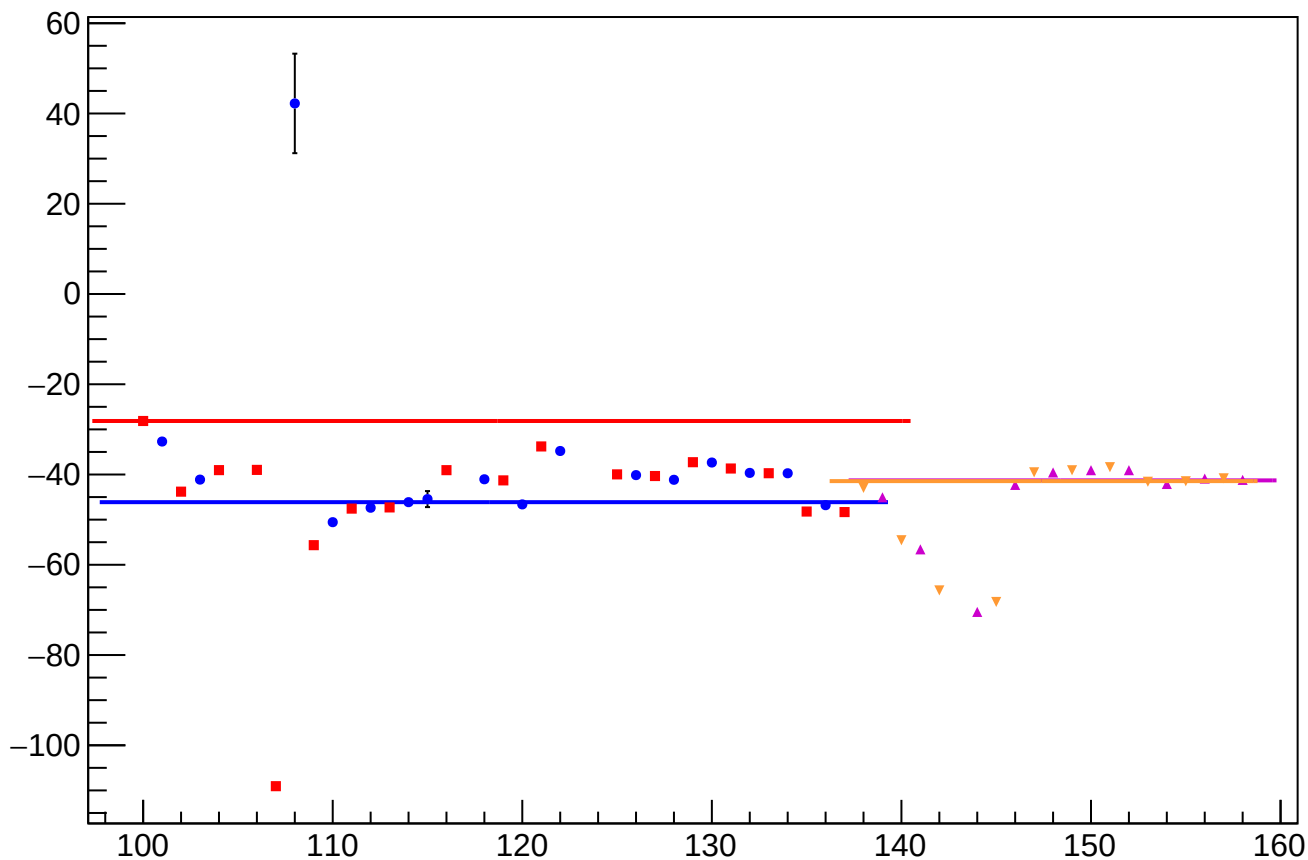
Left In: 225.018+/-0.197 χ^2/NDF : 61048.6/9

+ sign 174.085+/-0.000 χ^2/NDF : 148741.2/25

All: 174.085+/-0.000 χ^2/NDF : 459933.0/53

- sign 187.264+/-0.139 χ^2/NDF : 302159.2/27

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 $\chi^2/\text{NDF}: 201273.7/15$

Left Out: -41.462 ± 0.009 $\chi^2/\text{NDF}: 84191.4/9$

Right Out: -28.139 ± 0.000 $\chi^2/\text{NDF}: 746939.9/17$

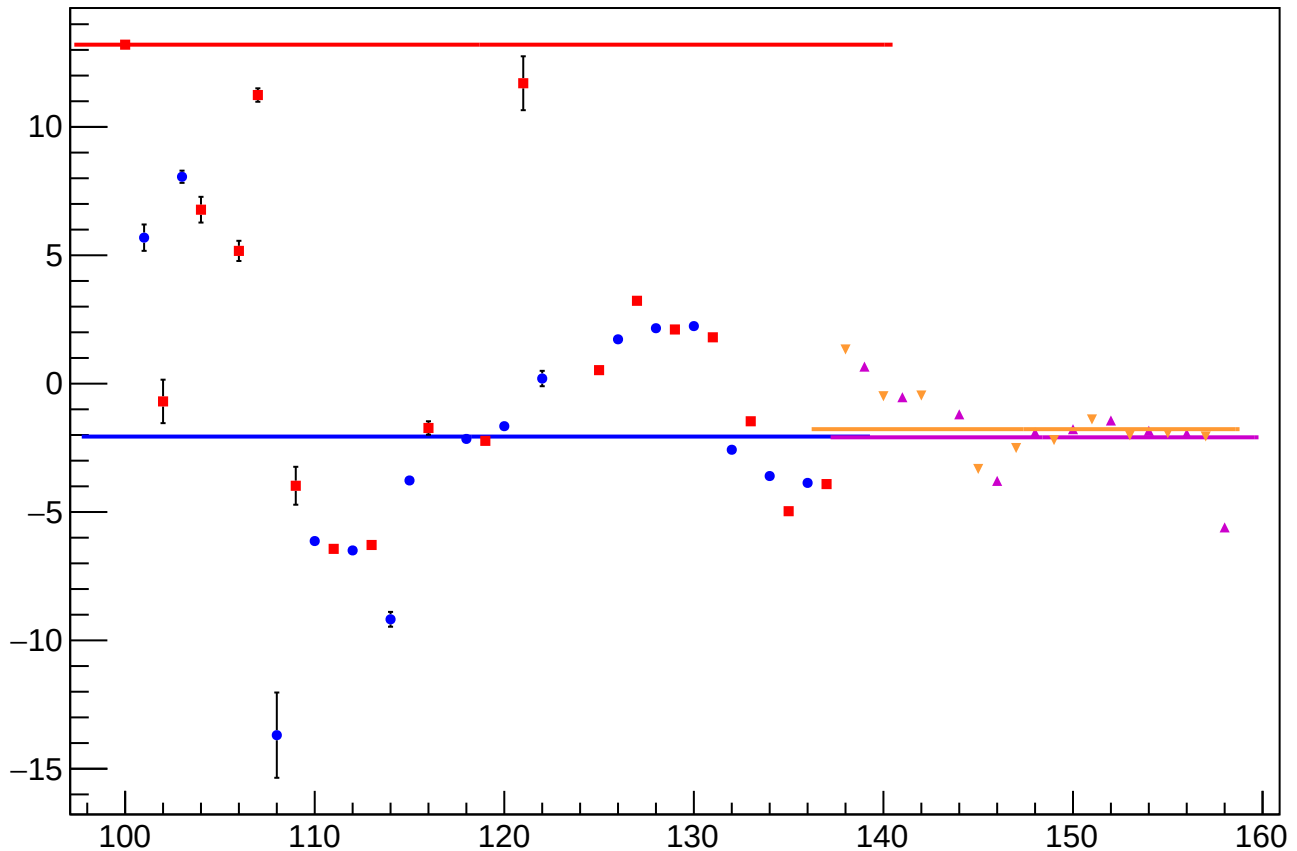
Left In: -41.301 ± 0.011 $\chi^2/\text{NDF}: 154747.8/9$

+ sign -46.126 ± 0.000 $\chi^2/\text{NDF}: 552665.9/25$

All: -39.778 ± 0.000 $\chi^2/\text{NDF}: 248795993231$

- sign -28.139 ± 0.000 $\chi^2/\text{NDF}: 2414732.3/27$

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.773 ± 0.010 χ^2/NDF : 7369.0/9

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

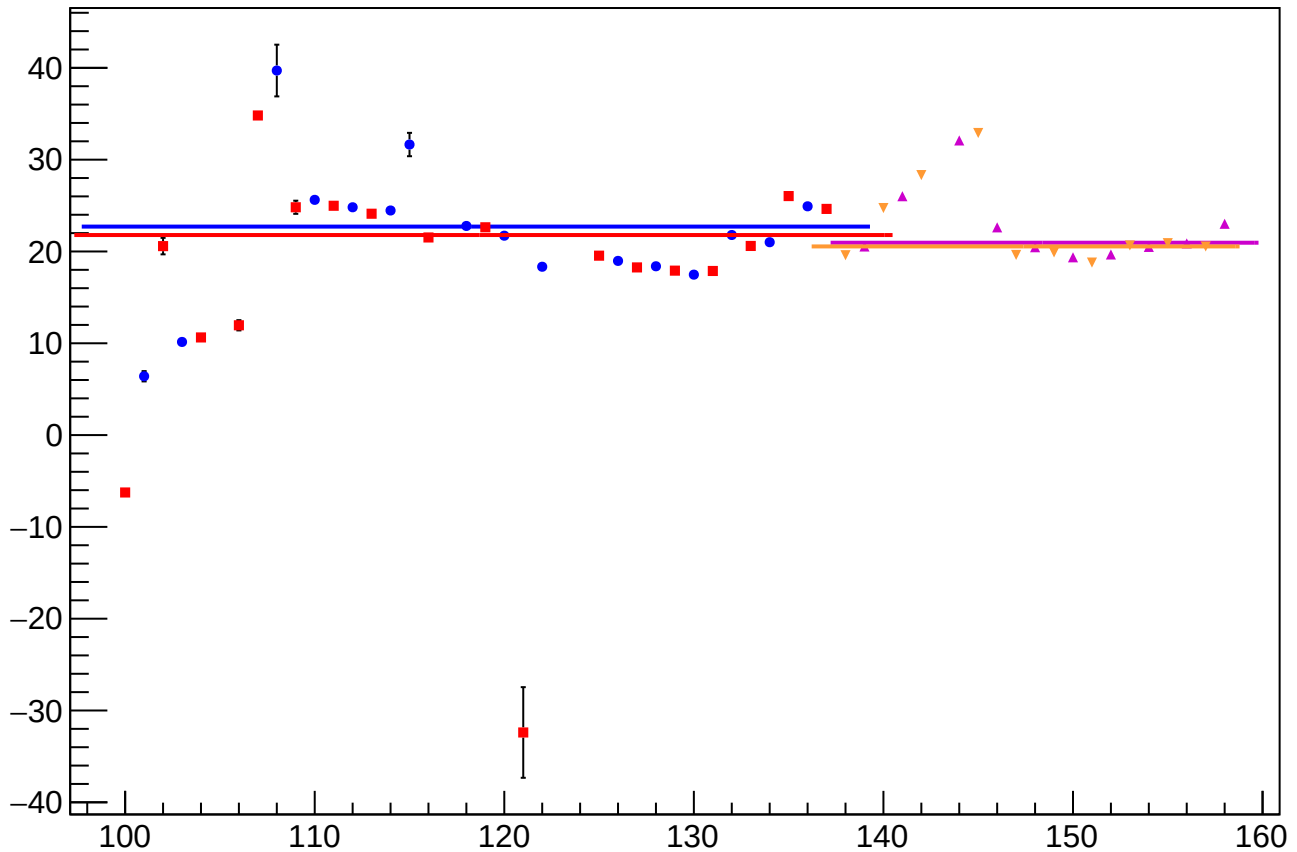
Left In: -2.090 ± 0.008 χ^2/NDF : 33564.5/9

+ sign -1.847 ± 0.009 χ^2/NDF : 33228.5/25

All: 13.204 ± 0.000 χ^2/NDF : 7214725.4/53

- sign 13.204 ± 0.000 χ^2/NDF : 4409240.6/27

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.550 $\pm$ 0.012 χ^2 /NDF:14540.6/9

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

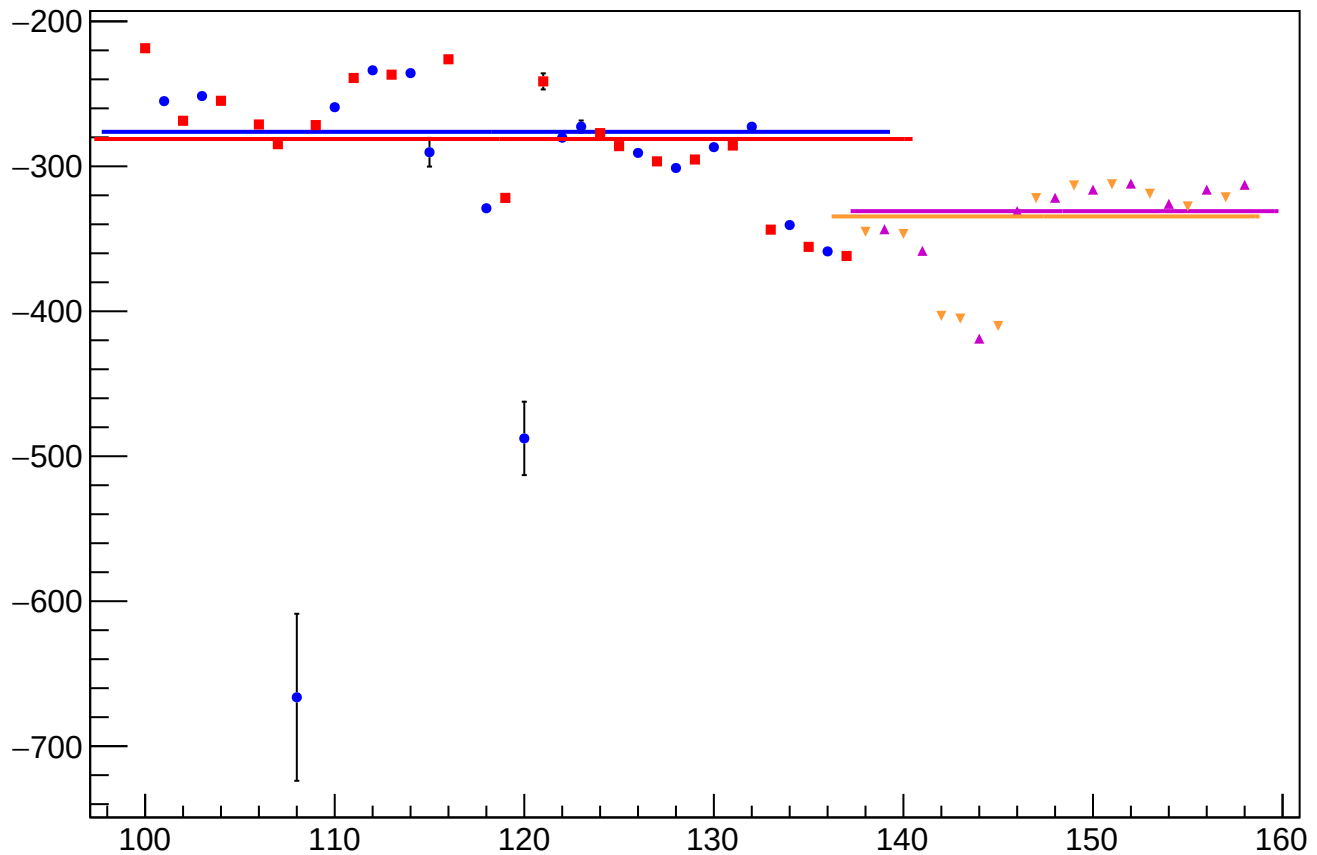
Left In: 20.953 $\pm$ 0.010 χ^2 /NDF:36827.0/9

+ sign 21.186 $\pm$ 0.010 χ^2 /NDF: 46672.5/25

All: 21.133 $\pm$ 0.007 χ^2 /NDF: 111479.9/53

- sign 21.093 $\pm$ 0.009 χ^2 /NDF: 64758.8/27

dit_usr_4aX_slope vs Slug



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -334.555 ± 0.171 χ^2/NDF : 25386.5/10

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

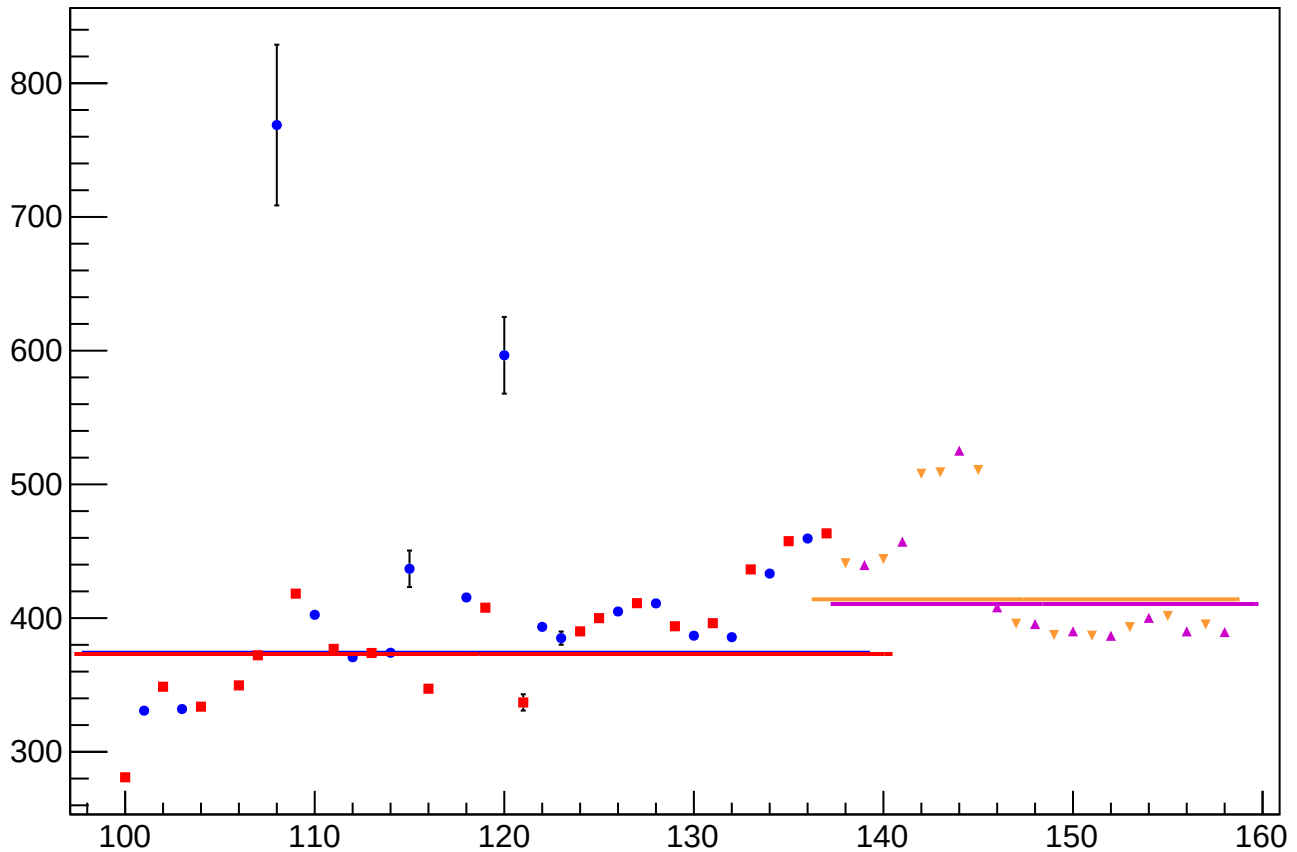
Left In: -330.922 ± 0.132 χ^2/NDF : 34798.0/9

+ sign -304.591 ± 0.119 χ^2/NDF : 143206.3/27

All: -307.135 ± 0.076 χ^2/NDF : 319721.2/56

- sign -308.859 ± 0.098 χ^2/NDF : 175753.0/28

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 414.063 $\pm$ 0.171 χ^2 /NDF: 46664.8/10

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

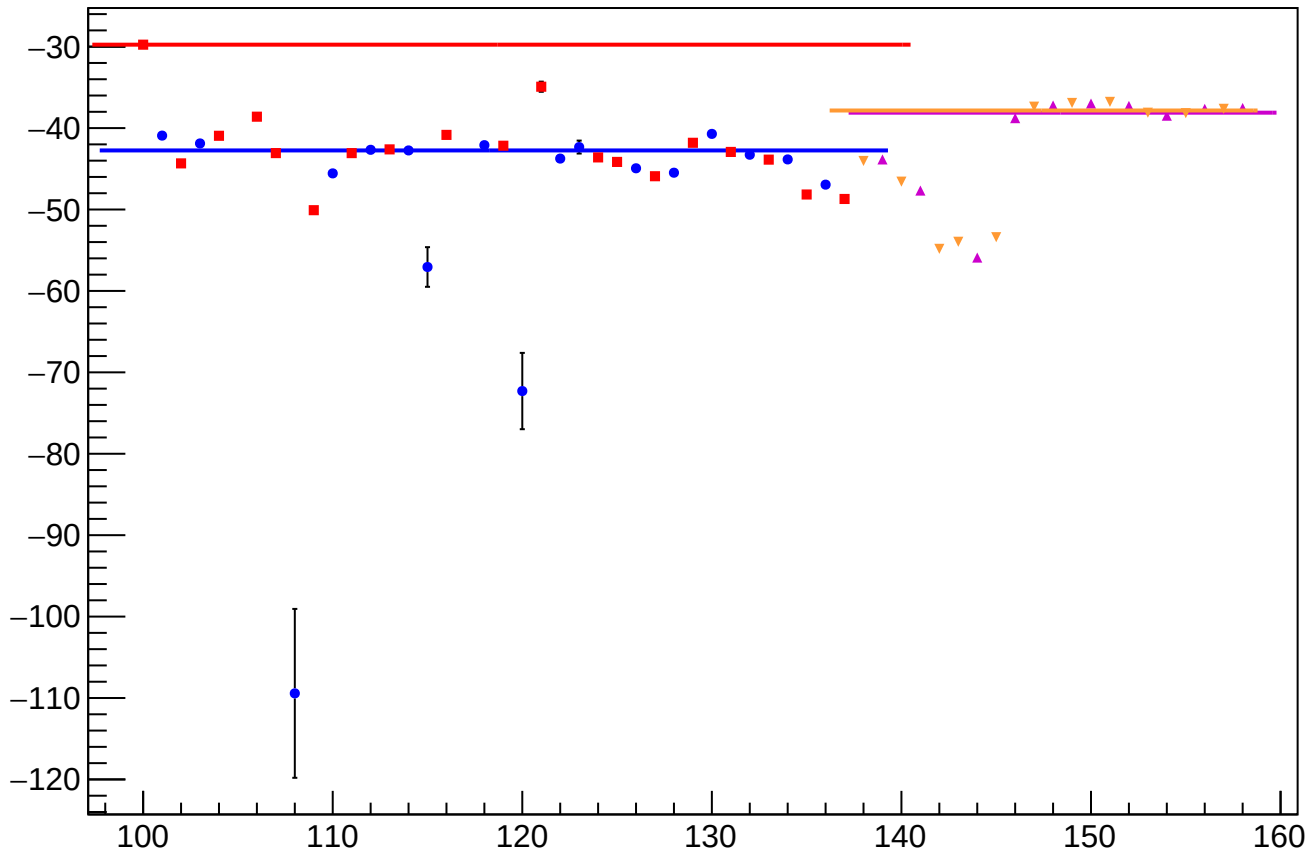
Left In: 410.557 $\pm$ 0.133 χ^2 /NDF: 59343.1/9

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 136308.6/27

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 378767.7/56

- sign 394.994 $\pm$ 0.102 χ^2 /NDF: 200354.5/28

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -37.839+/-0.005 χ^2/NDF : 249400.8/10

Right Out: -29.754+/-0.000 χ^2/NDF : 483930.3/18

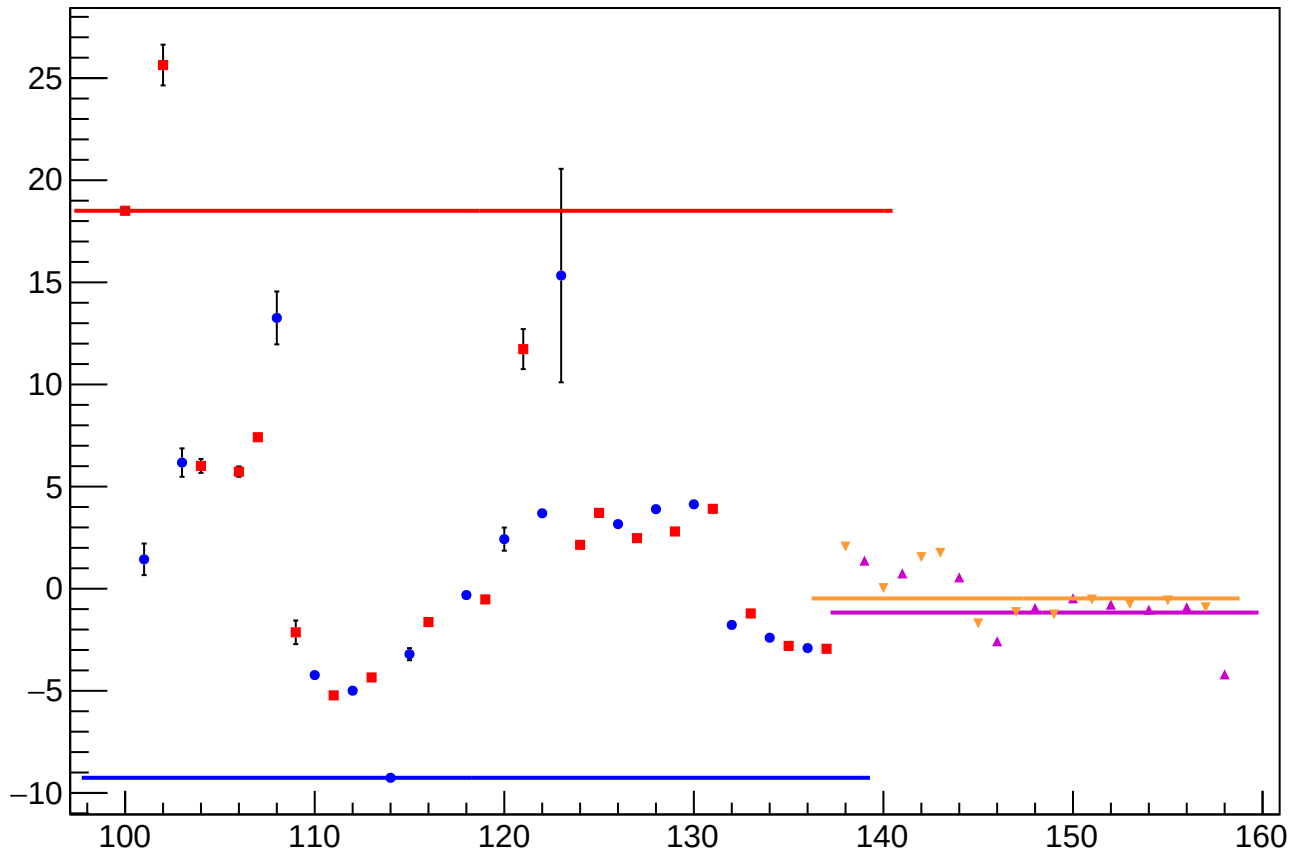
Left In: -38.106+/-0.005 χ^2/NDF : 144829.4/9

+ sign -42.744+/-0.000 χ^2/NDF : 1101769.8/27

All: -38.159+/-0.000 χ^2/NDF : 129765212680

- sign -29.754+/-0.000 χ^2/NDF : 3013698.3/28

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 405850.5/16$

Left Out: -0.476 ± 0.009 $\chi^2/\text{NDF}: 11542.8/10$

Right Out: 18.504 ± 0.000 $\chi^2/\text{NDF}: 7366781.0/18$

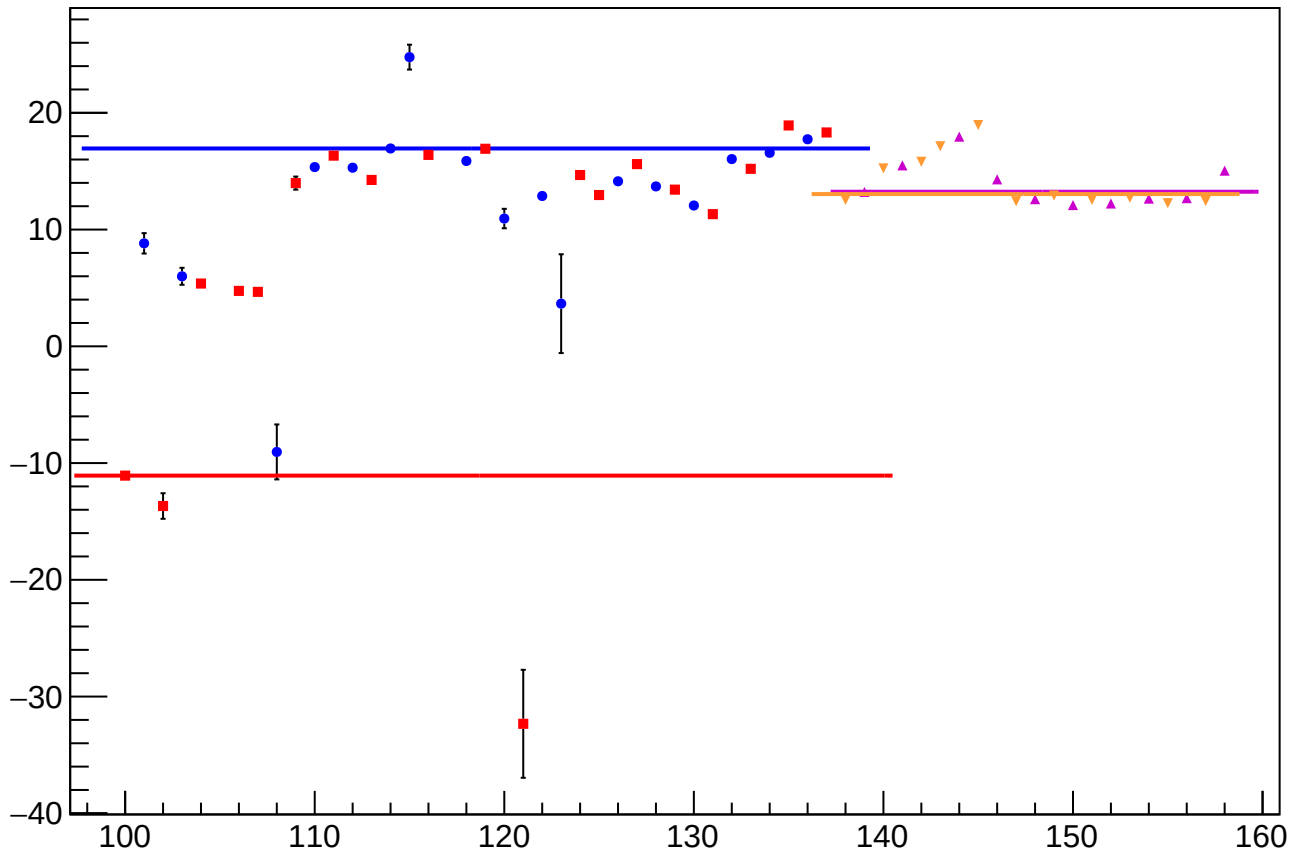
Left In: -1.168 ± 0.008 $\chi^2/\text{NDF}: 37824.2/9$

+ sign -9.259 ± 0.000 $\chi^2/\text{NDF}: 1385699.1/27$

All: 6.039 ± 0.000 $\chi^2/\text{NDF}: 1645057450595$

- sign 18.504 ± 0.000 $\chi^2/\text{NDF}: 13695224.3/28$

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2 /NDF: 11231.8/16

Left Out: 13.041+/-0.010 χ^2 /NDF:13995.3/10

Right Out: -11.075+/-0.000 χ^2 /NDF: 2712010.0/18

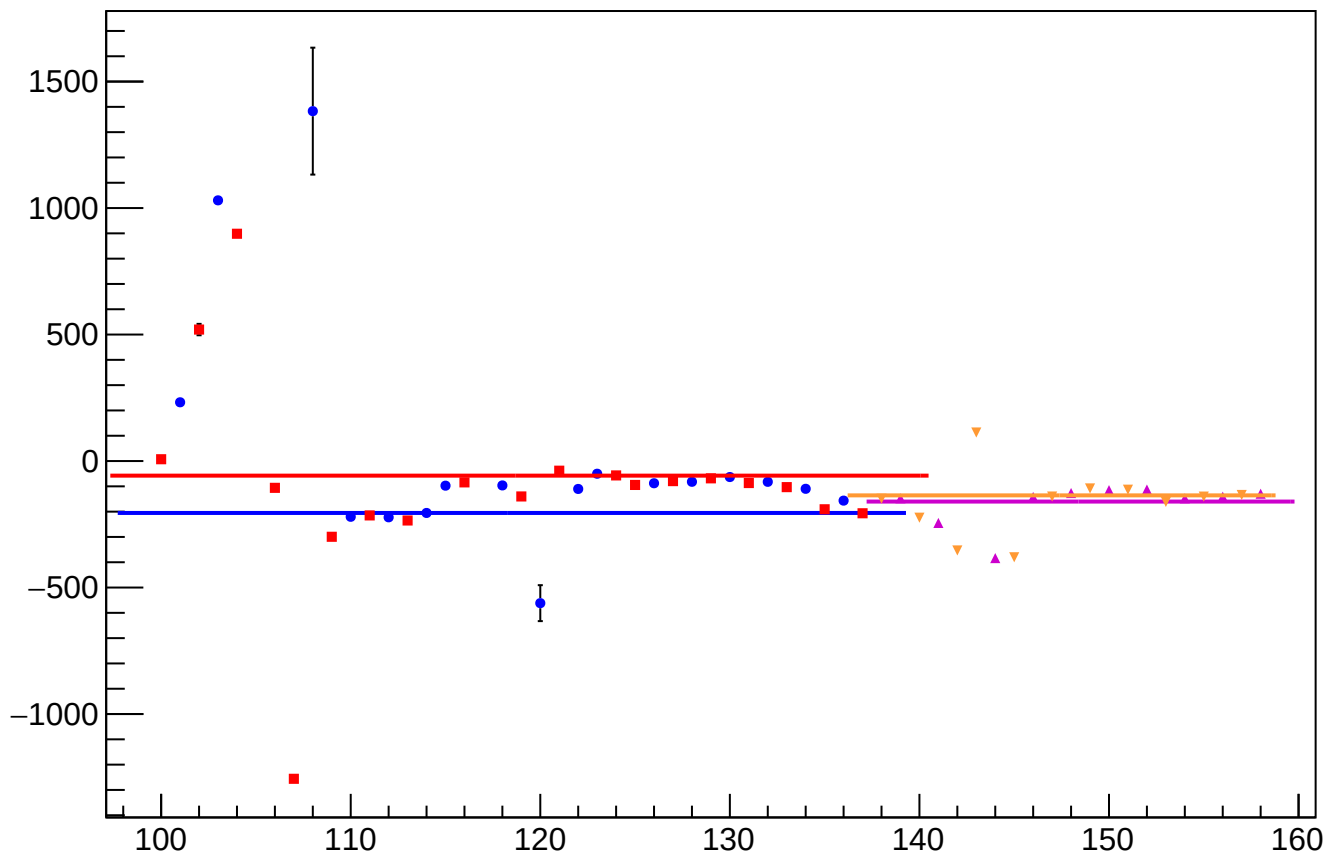
Left In: 13.242+/-0.011 χ^2 /NDF:13781.0/9

+ sign 16.947+/-0.000 χ^2 /NDF: 169426.5/27

All: -2.268+/-0.000 χ^2 /NDF: 4692527454635

- sign -11.075+/-0.000 χ^2 /NDF: 7352638.7/28

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 582775.6/16$

Left Out: -135.670 ± 0.309 $\chi^2/\text{NDF}: 43104.7/10$

Right Out: -57.684 ± 0.283 $\chi^2/\text{NDF}: 114854.9/18$

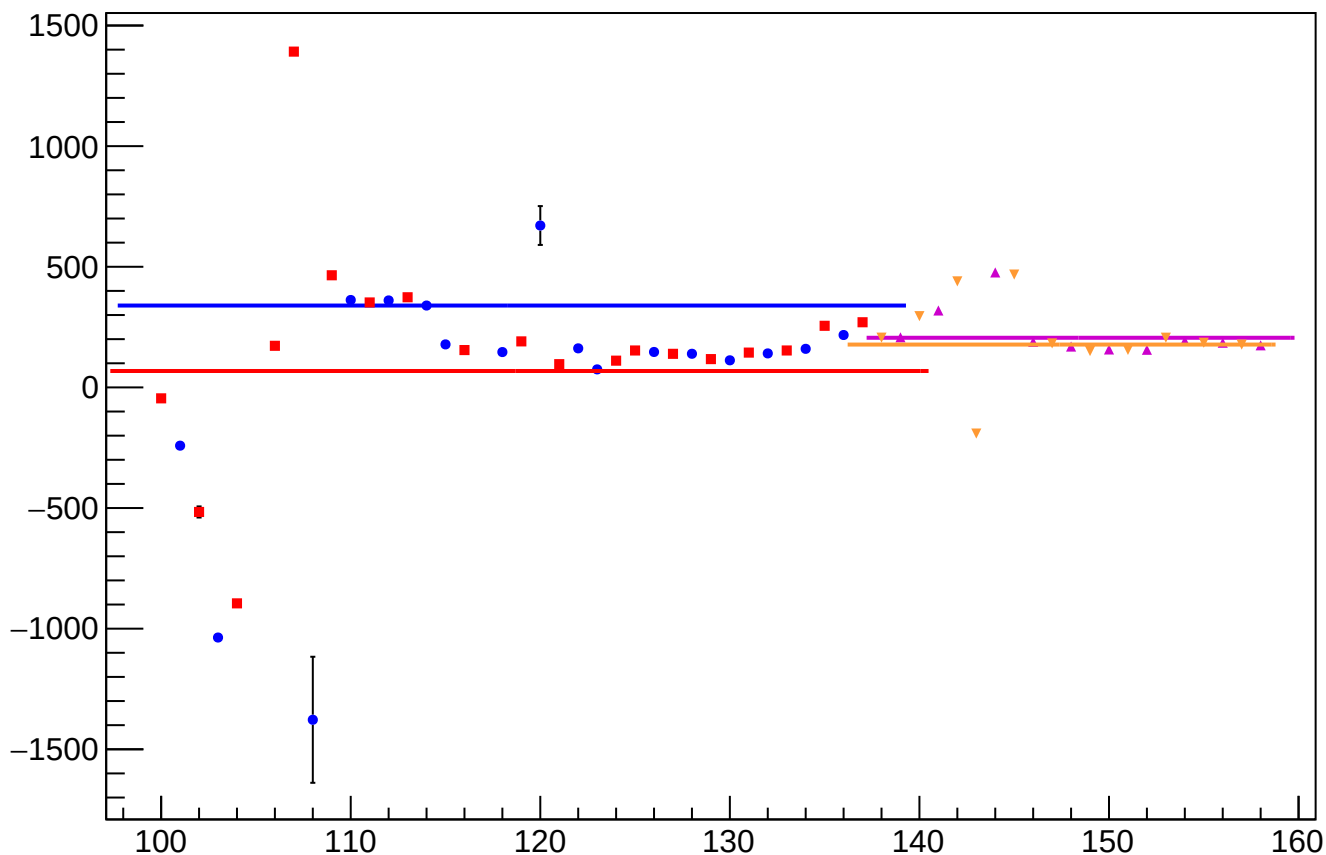
Left In: -160.178 ± 0.360 $\chi^2/\text{NDF}: 38565.0/9$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 676431.4/27$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1116313.4/56$

- sign -96.826 ± 0.223 $\chi^2/\text{NDF}: 203388.5/28$

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 177.575+/-0.310 χ^2/NDF : 78937.6/10

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

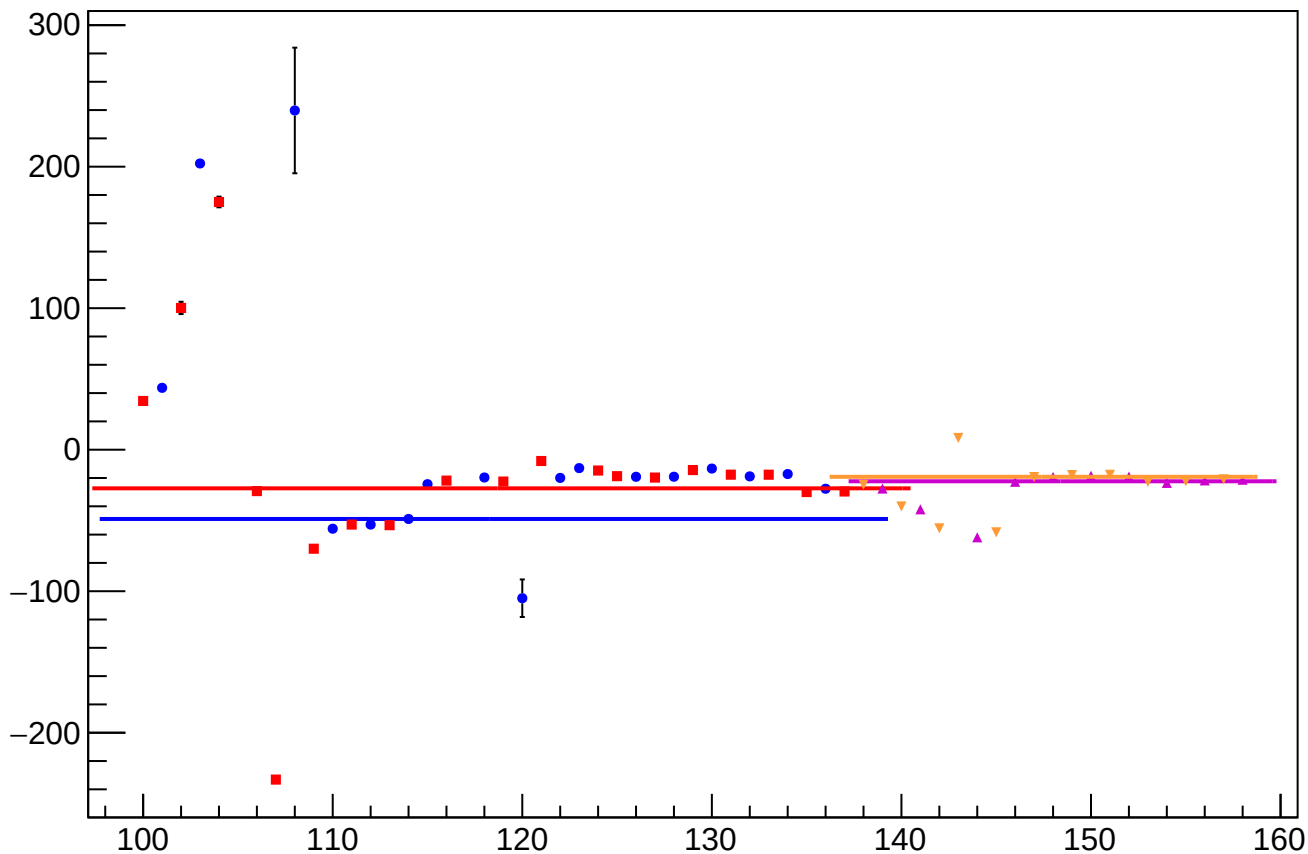
Left In: 205.745+/-0.366 χ^2/NDF : 45113.8/9

+ sign 339.325+/-0.000 χ^2/NDF : 1382428.8/27

All: 339.325+/-0.000 χ^2/NDF : 2732686.0/56

- sign 120.318+/-0.225 χ^2/NDF : 405444.4/28

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 5408370.4/16

Left Out: -19.156 ± 0.014 χ^2/NDF : 561950.6/10

Right Out: -27.303 ± 0.052 χ^2/NDF : 167879.9/18

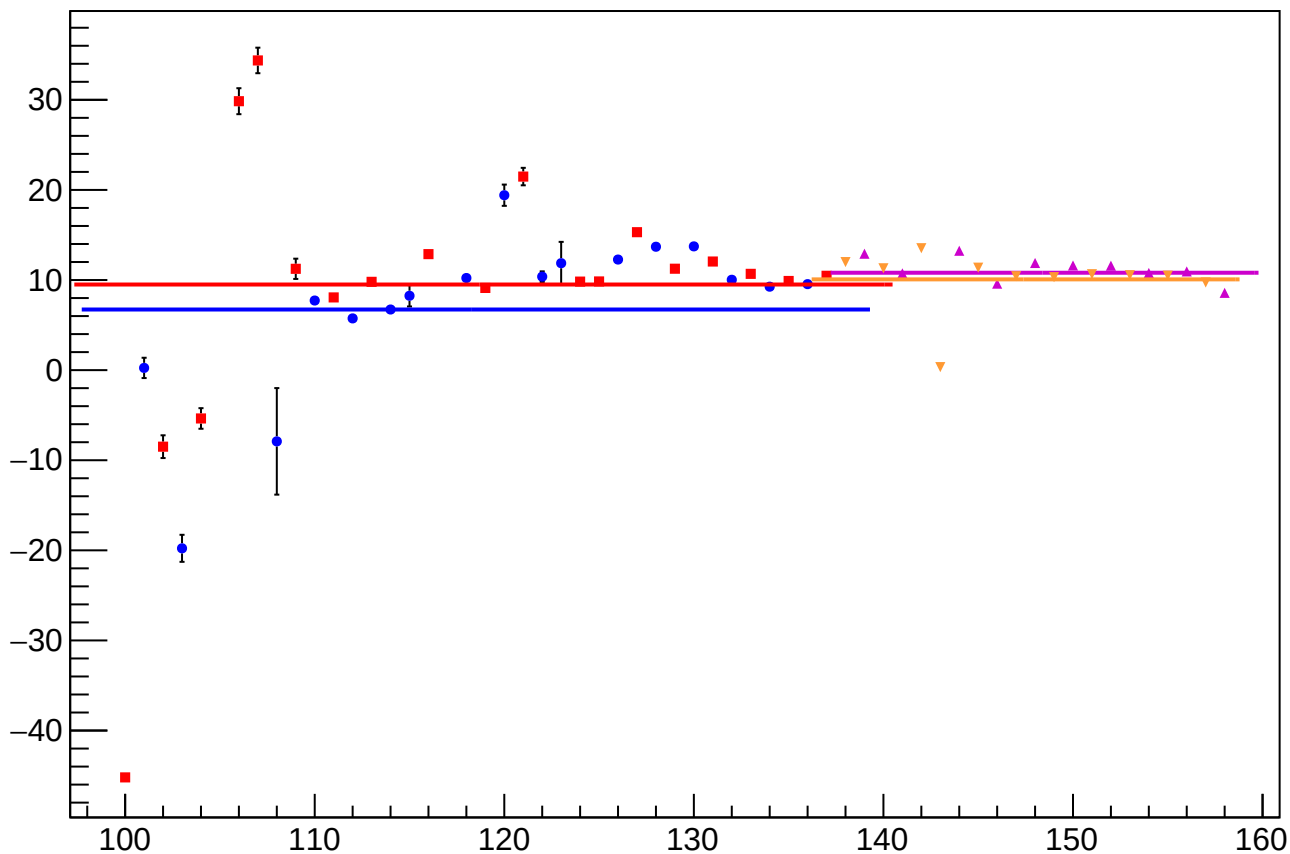
Left In: -22.321 ± 0.020 χ^2/NDF : 119639.3/9

+ sign -48.945 ± 0.000 χ^2/NDF : 10557432.9/27

All: -48.945 ± 0.000 χ^2/NDF : 12806705.6/56

- sign -22.965 ± 0.019 χ^2/NDF : 295607.3/28

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 10.073 ± 0.021 χ^2/NDF : 20842.5/10

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

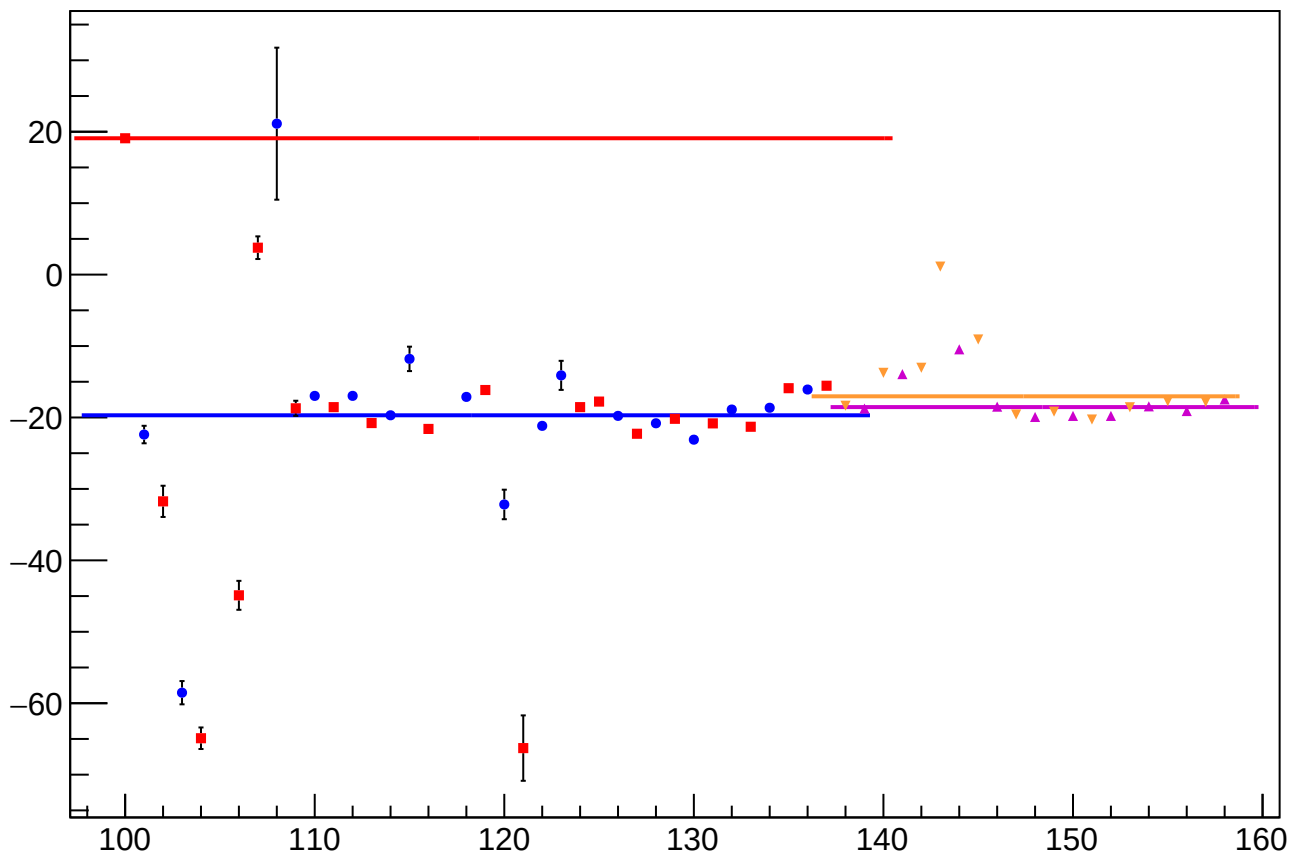
Left In: 10.809 ± 0.016 χ^2/NDF : 6458.2/9

+ sign 6.728 ± 0.000 χ^2/NDF : 59531.6/27

All: 6.728 ± 0.000 χ^2/NDF : 161706.0/56

- sign 10.583 ± 0.015 χ^2/NDF : 34394.4/28

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -17.038 ± 0.023 χ^2/NDF : 35984.4/10

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

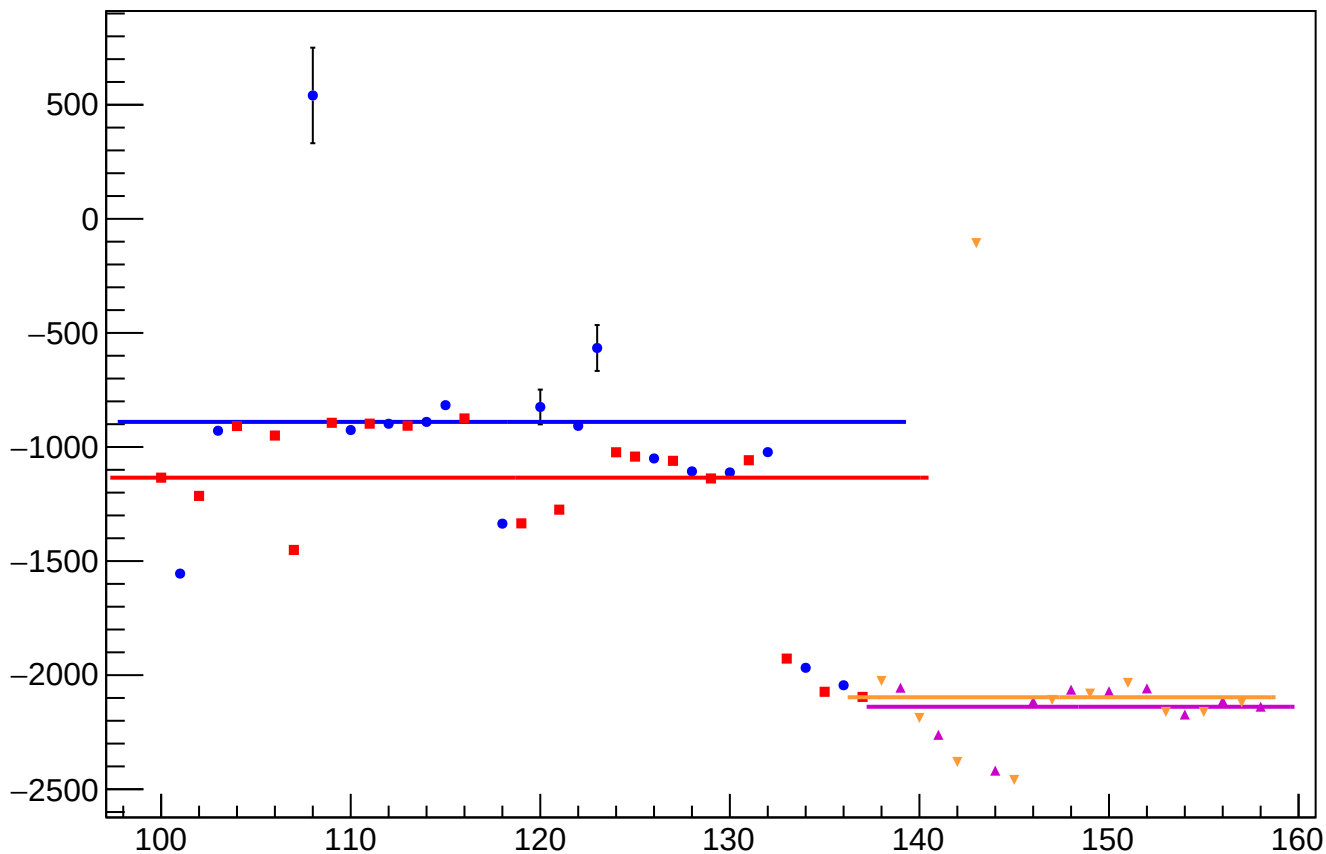
Left In: -18.545 ± 0.022 χ^2/NDF : 5924.6/9

+ sign -19.693 ± 0.000 χ^2/NDF : 56379.4/27

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 3677018.5/28

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2 /NDF: 775896.0/16

Left Out: -2096.892+/-0.547 χ^2 /NDF:264356.8/10

Right Out: -1134.421+/-0.000 χ^2 /NDF: 733812.0/18

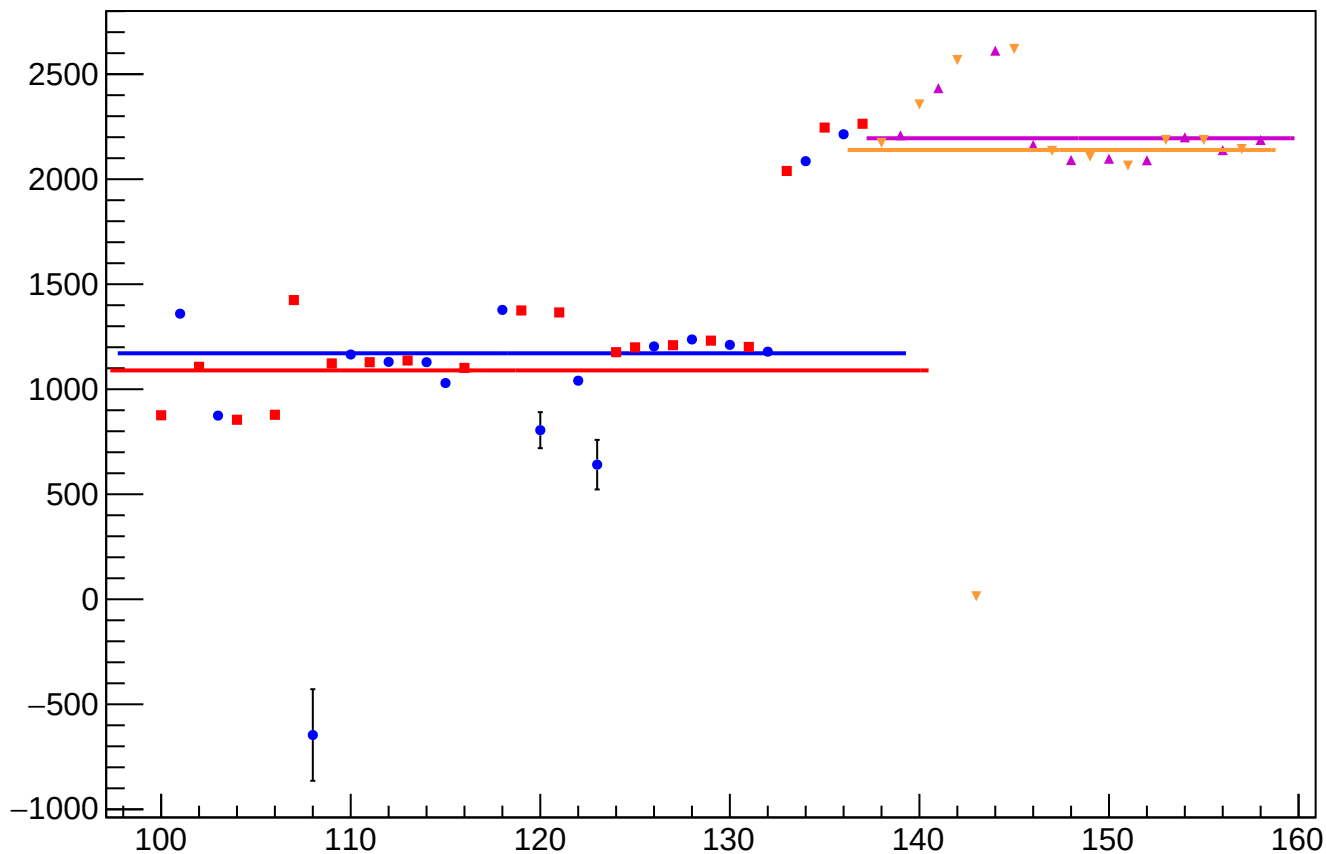
Left In: -2138.585+/-0.553 χ^2 /NDF:31645.3/9

+ sign -889.928+/-0.000 χ^2 /NDF: 5909988.0/27

All: -976.220+/-0.000 χ^2 /NDF: 44889787387

- sign -1134.421+/-0.000 χ^2 /NDF: 4061809.8/28

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 ± 0.245 $\chi^2/NDF: 508989.2/16$

Left Out: 2139.236 ± 0.541 $\chi^2/NDF: 302261.3/10$

Right Out: 1089.705 ± 0.253 $\chi^2/NDF: 1100321.6/18$

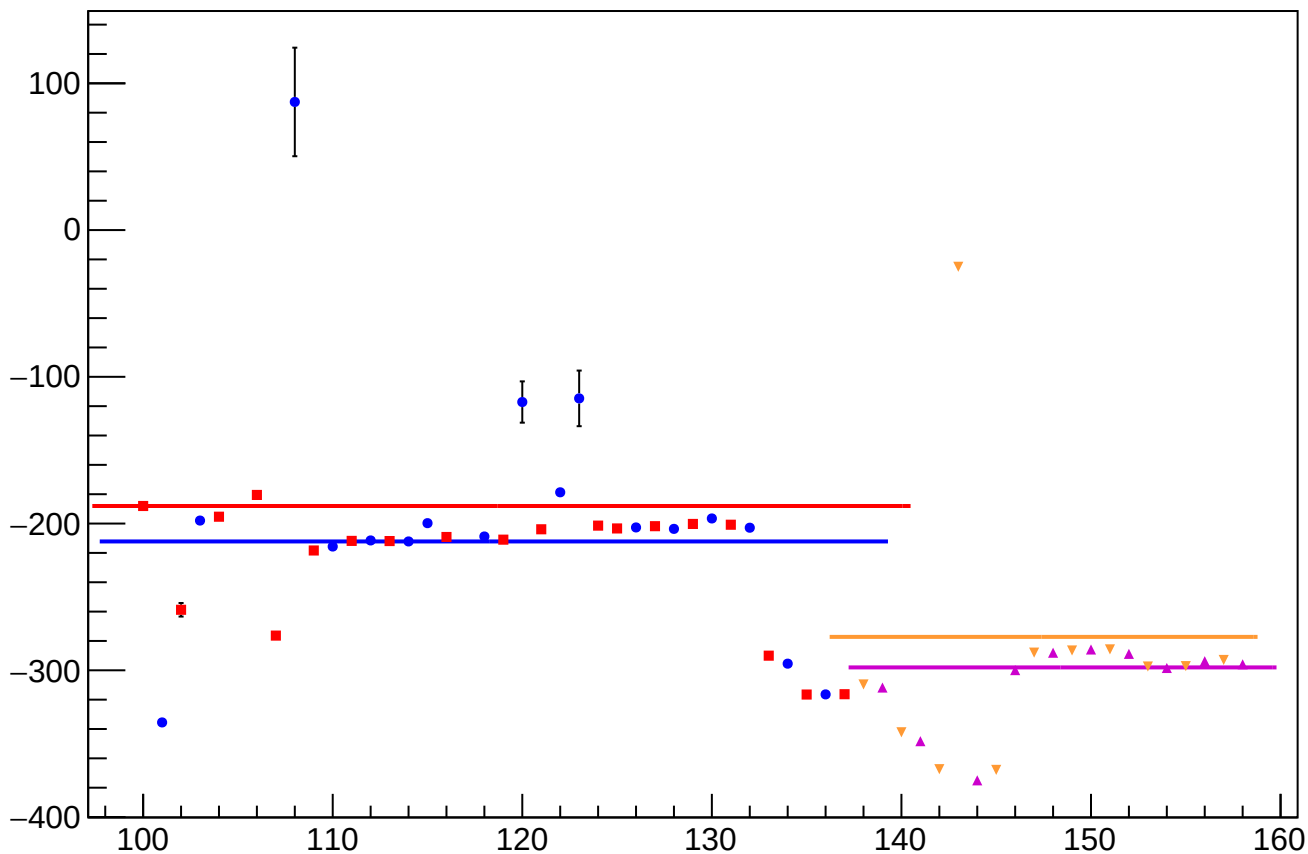
Left In: 2194.914 ± 0.562 $\chi^2/NDF: 55506.1/9$

+ sign 1336.268 ± 0.223 $\chi^2/NDF: 3465466.1/27$

All: 1307.325 ± 0.161 $\chi^2/NDF: 7868020.7/56$

- sign 1276.386 ± 0.231 $\chi^2/NDF: 4367850.7/28$

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -277.229+/-0.030 χ^2/NDF : 5701193.5/10

Right Out: -188.033+/-0.000 χ^2/NDF : 602264.3/18

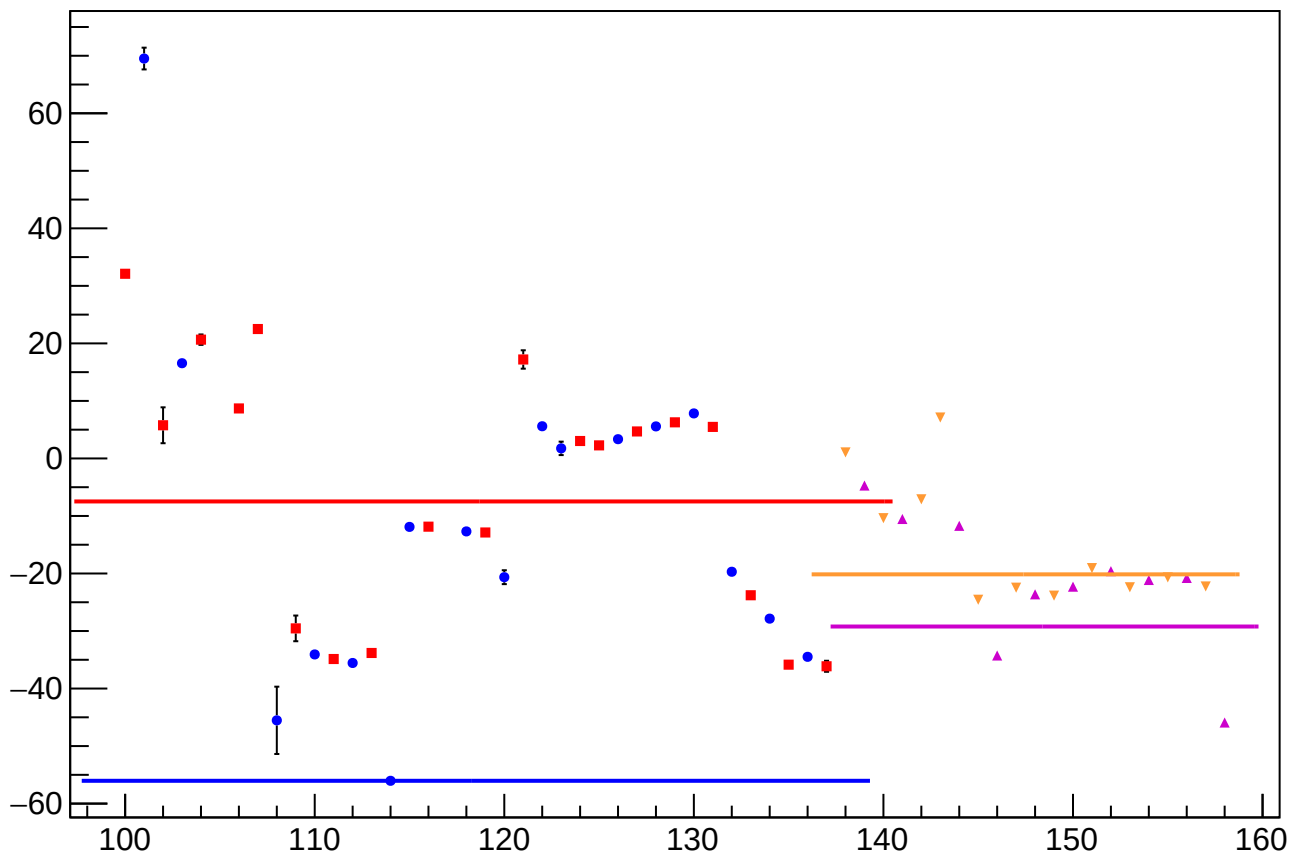
Left In: -298.033+/-0.029 χ^2/NDF : 275679.9/9

+ sign -212.190+/-0.000 χ^2/NDF : 11626139.9/27

All: -195.625+/-0.000 χ^2/NDF : 13622303625

- sign -188.033+/-0.000 χ^2/NDF : 15307452.2/28

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1585420.7/16$

Left Out: -20.149 ± 0.032 $\chi^2/\text{NDF}: 44275.5/10$

Right Out: -7.476 ± 0.042 $\chi^2/\text{NDF}: 173893.8/18$

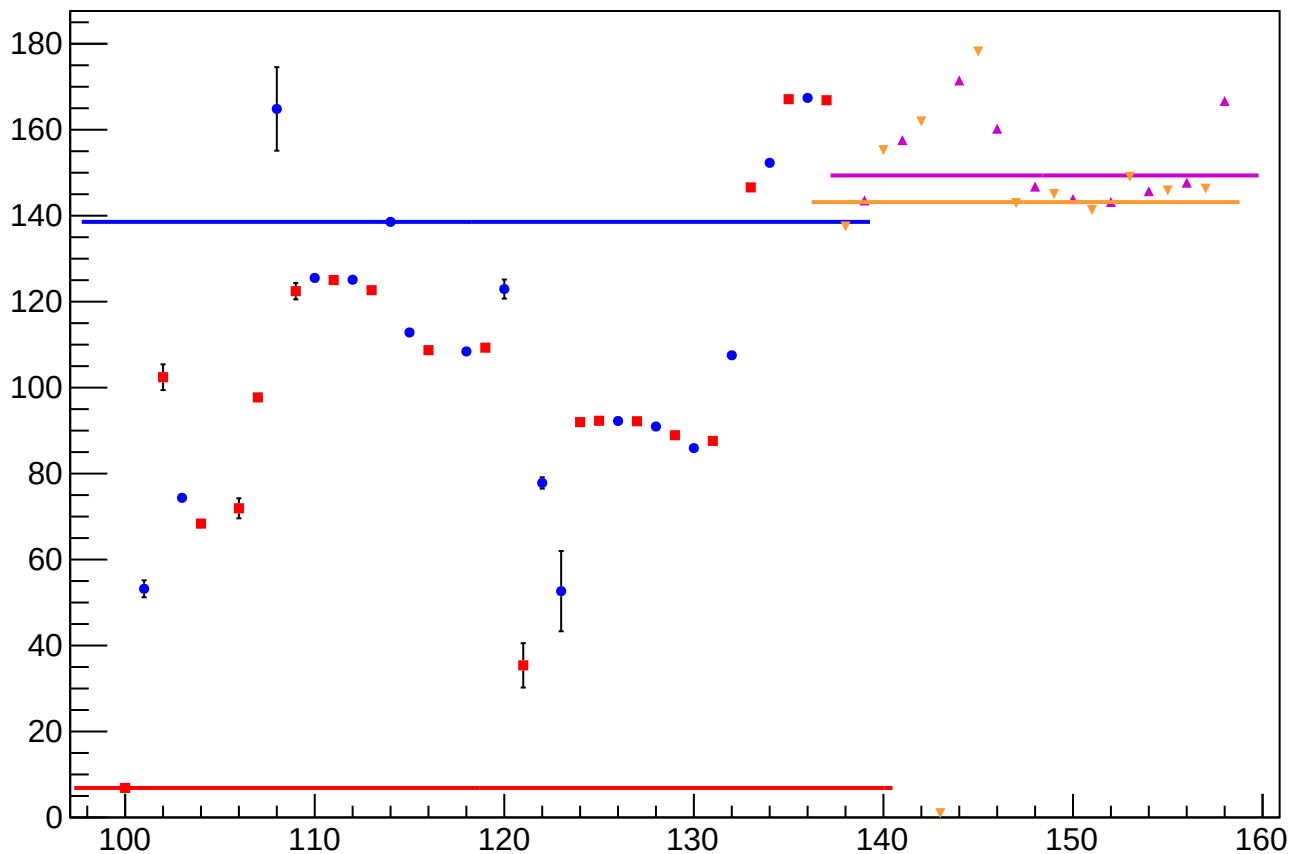
Left In: -29.217 ± 0.026 $\chi^2/\text{NDF}: 259500.6/9$

+ sign -56.037 ± 0.000 $\chi^2/\text{NDF}: 2897556.5/27$

All: -56.037 ± 0.000 $\chi^2/\text{NDF}: 5703501.2/56$

- sign -23.160 ± 0.022 $\chi^2/\text{NDF}: 625066.9/28$

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 143.166 $\pm$ 0.037 χ^2 /NDF:308963.8/10

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

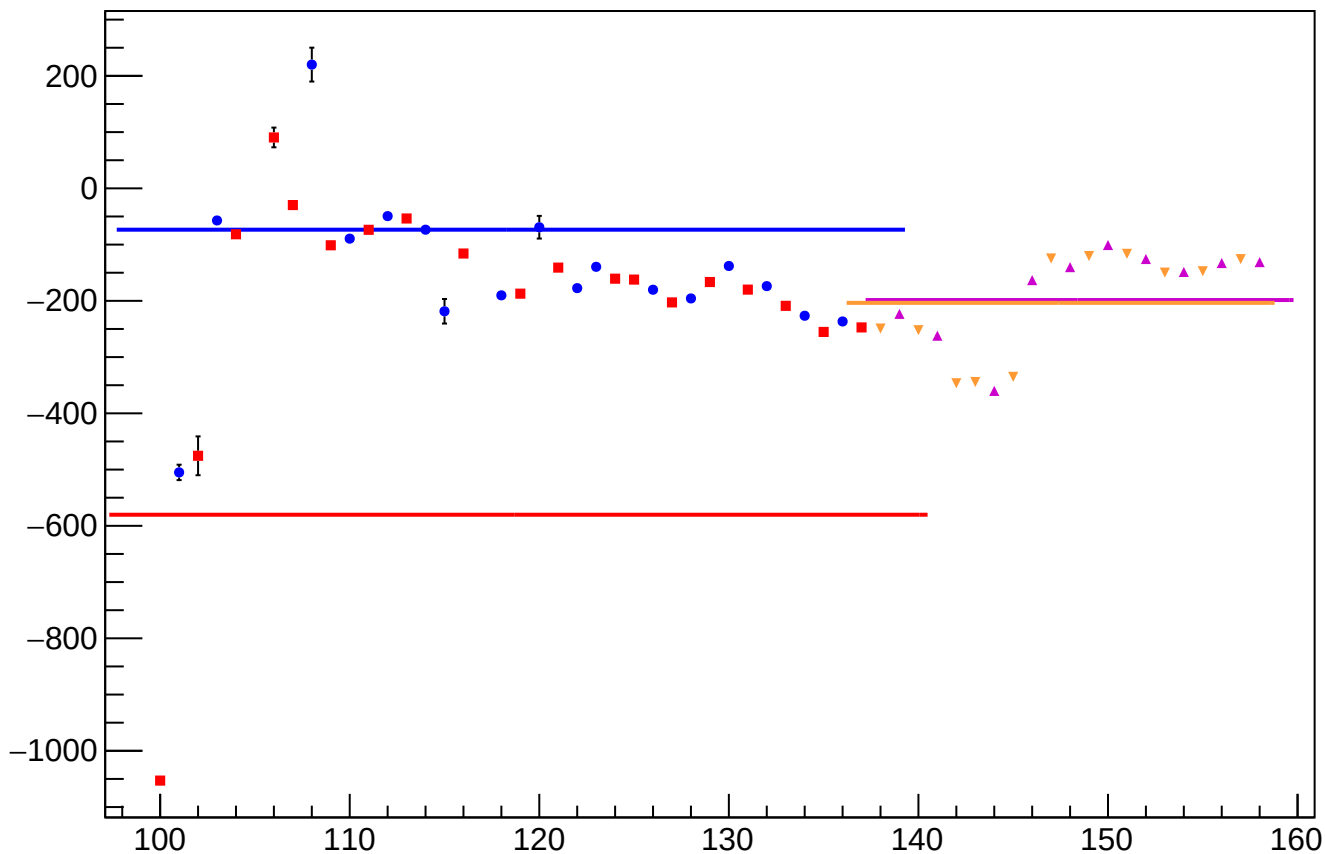
Left In: 149.364 $\pm$ 0.037 χ^2 /NDF:44848.3/9

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1225336.2/27

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 22534177.5/28

dit_atr1_4aX_slope vs Slug



Right In: -73.485 $\pm$ 0.000 χ^2 /NDF: 98703.2/16

Left Out: -203.558 $\pm$ 0.341 χ^2 /NDF: 57251.1/10

Right Out: -580.262 $\pm$ 0.261 χ^2 /NDF: 3031609.5/18

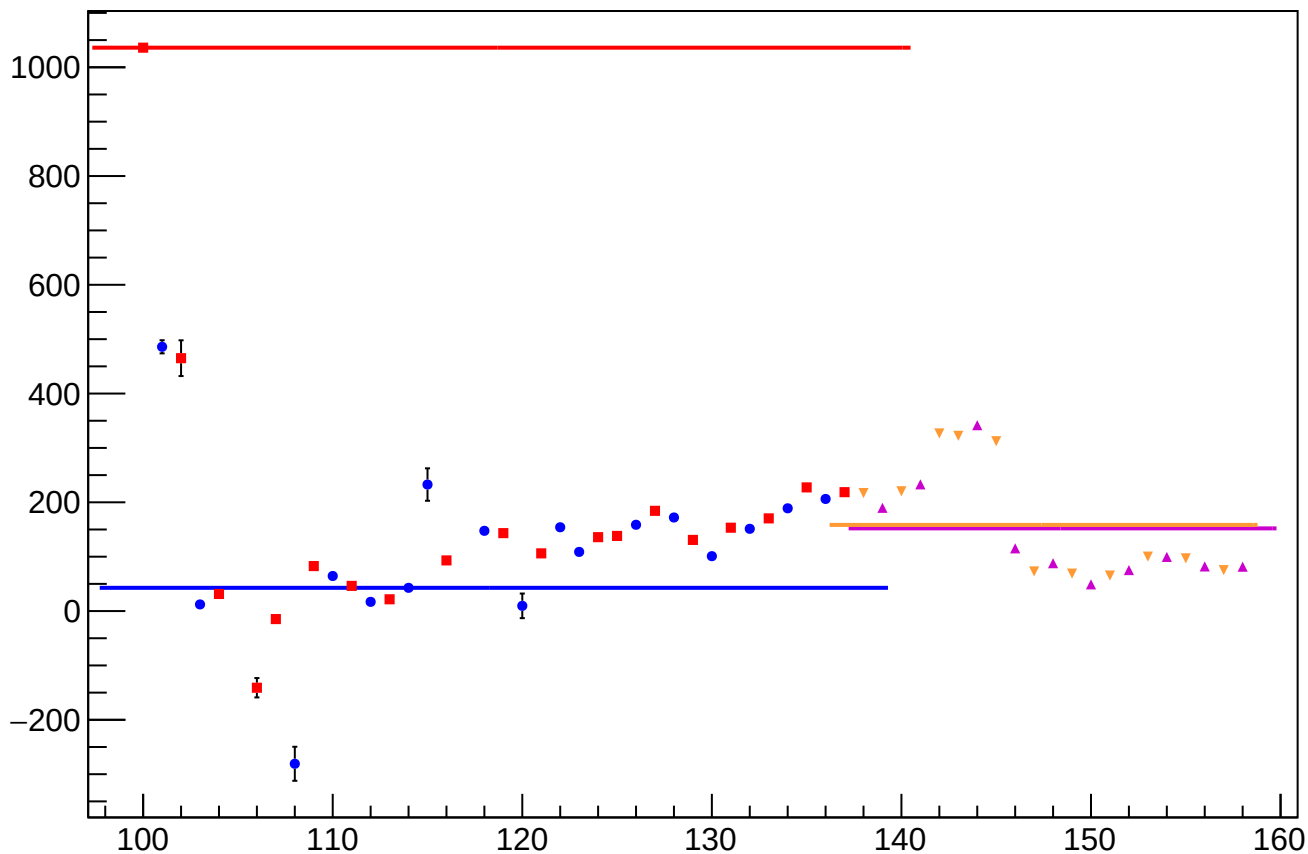
Left In: -198.562 $\pm$ 0.371 χ^2 /NDF: 51936.8/9

+ sign -73.485 $\pm$ 0.000 χ^2 /NDF: 301067.8/27

All: -73.485 $\pm$ 0.000 χ^2 /NDF: 7269924.0/56

- sign -454.031 $\pm$ 0.213 χ^2 /NDF: 3791168.1/28

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 158.435+/-0.347 χ^2/NDF : 70980.0/10

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

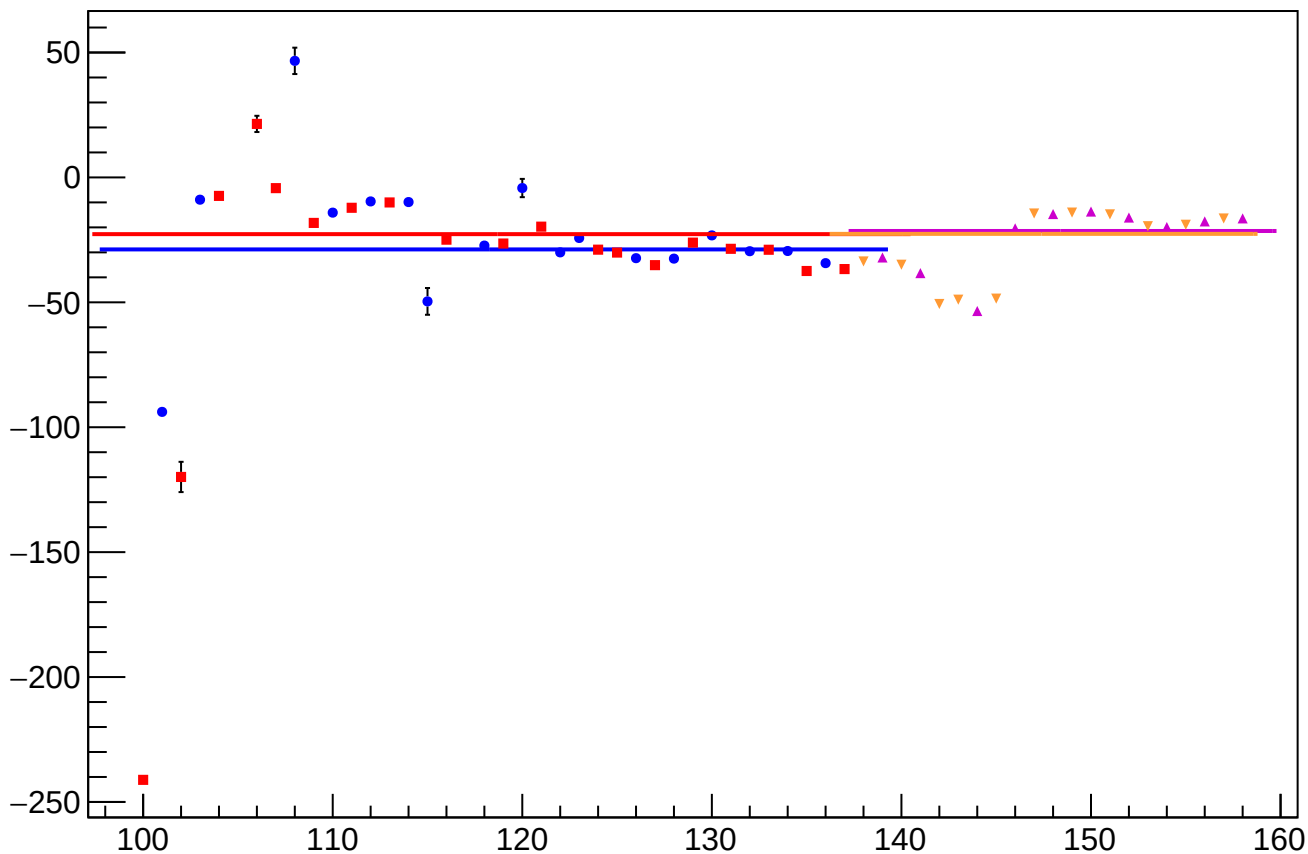
Left In: 152.044+/-0.379 χ^2/NDF : 61115.4/9

+ sign 42.743+/-0.000 χ^2/NDF : 266869.3/27

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 10425643.4/28

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -22.601 ± 0.018 χ^2/NDF : 312510.2/10

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

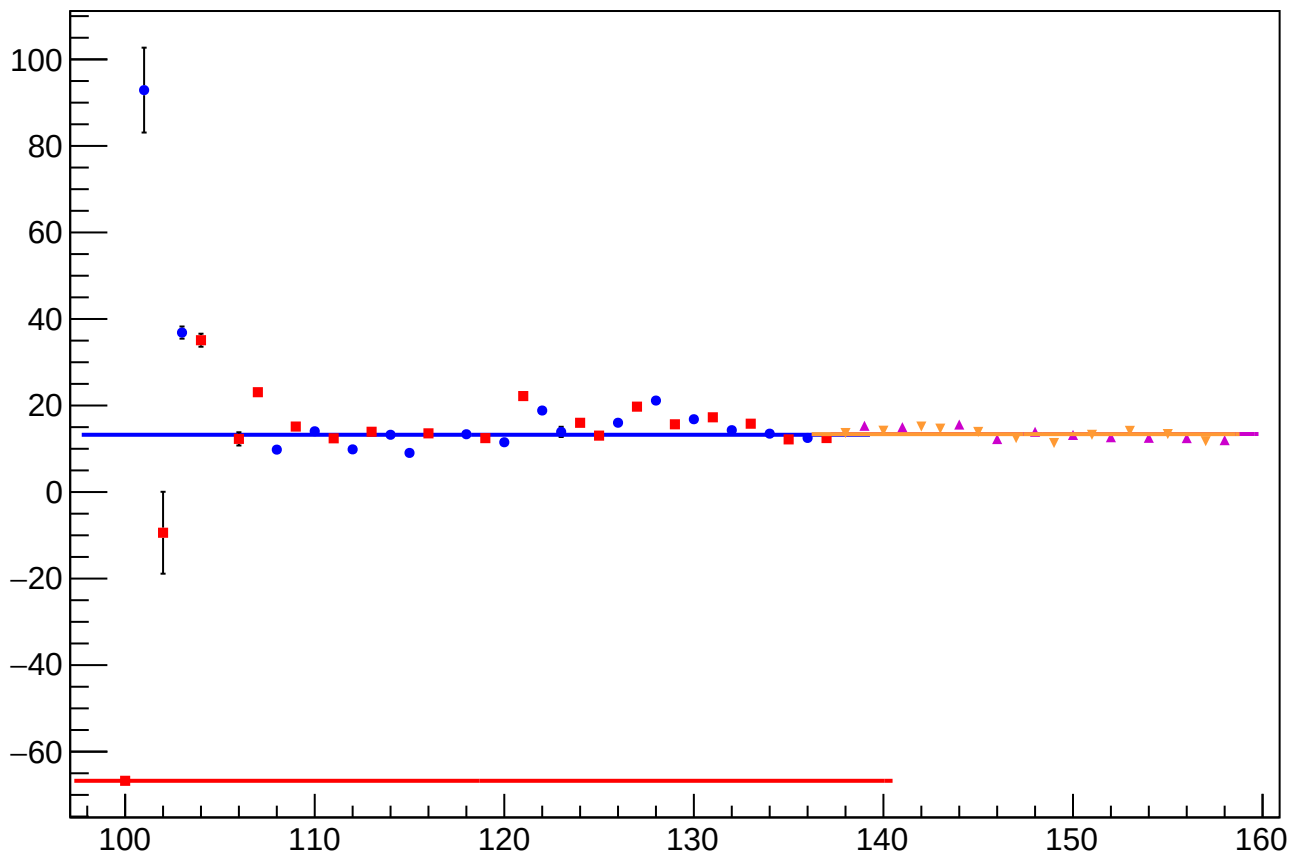
Left In: -21.444 ± 0.021 χ^2/NDF : 179951.5/9

+ sign -23.864 ± 0.016 χ^2/NDF : 387575.0/27

All: -22.989 ± 0.012 χ^2/NDF : 986102.3/56

- sign -21.747 ± 0.019 χ^2/NDF : 590962.2/28

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.385+/-0.019 χ^2/NDF : 3140.8/10

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

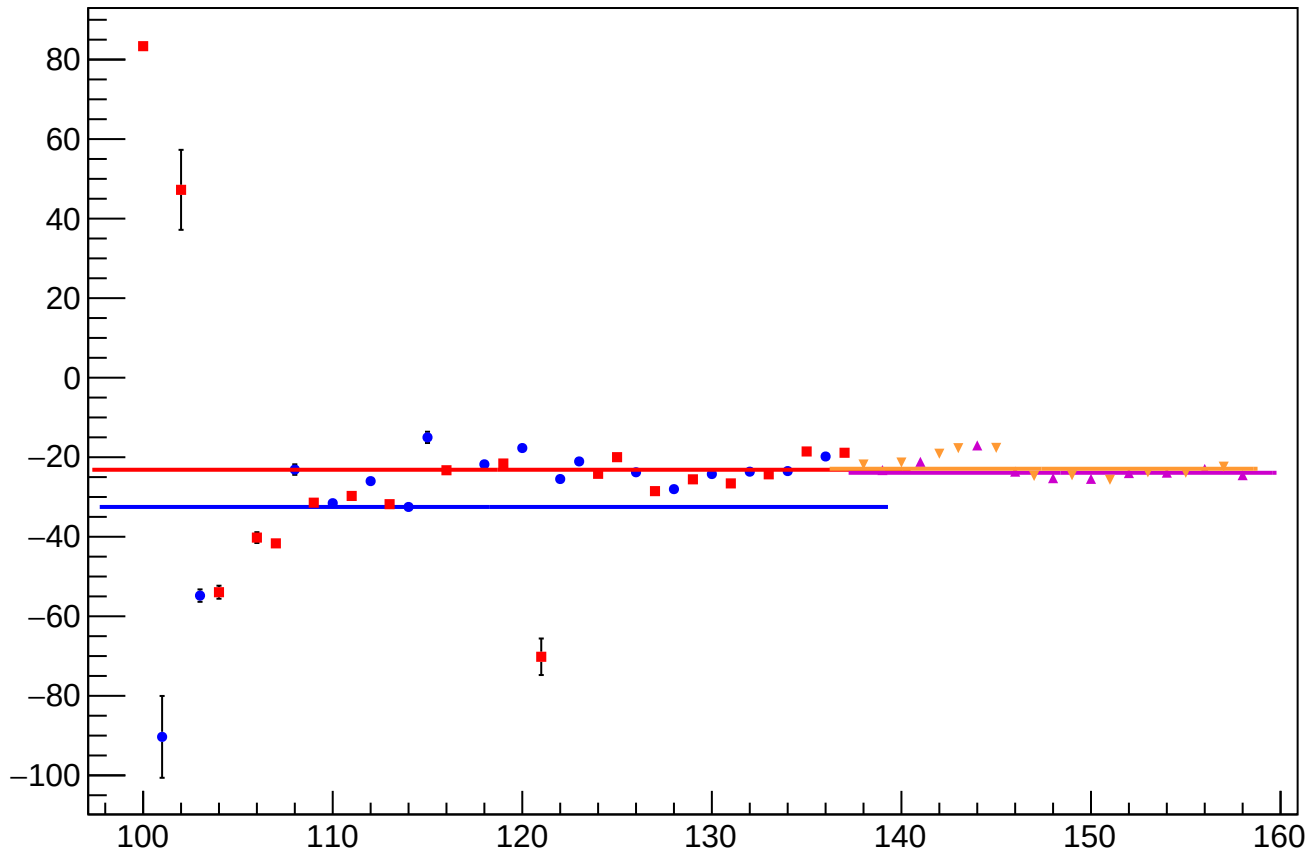
Left In: 13.416+/-0.019 χ^2/NDF : 4320.6/9

+ sign 13.238+/-0.000 χ^2/NDF : 8959.6/27

All: 12.562+/-0.000 χ^2/NDF : 1884310027651

- sign -66.739+/-0.000 χ^2/NDF : 20134220.7/28

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -22.897 ± 0.024 χ^2/NDF : 11193.7/10

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

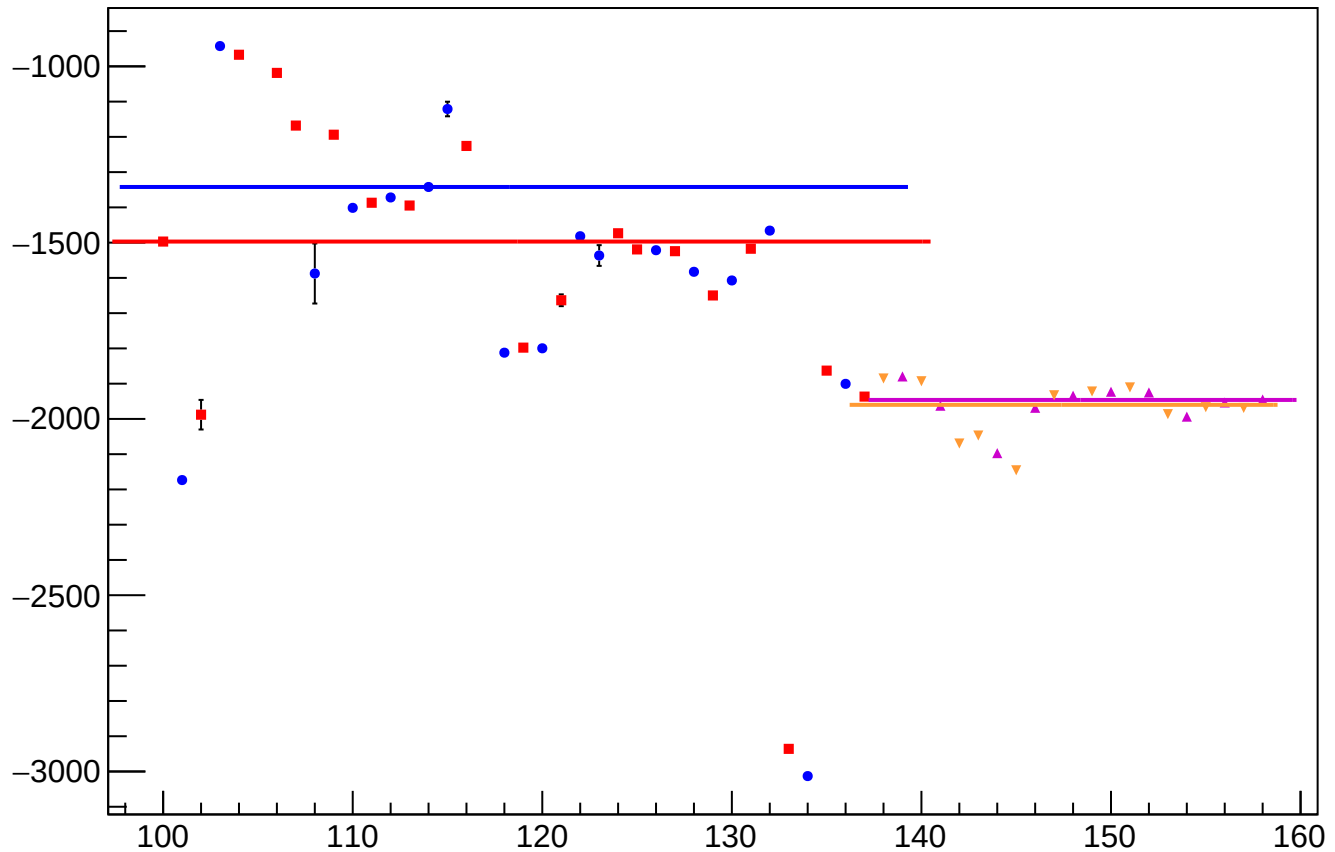
Left In: -23.913 ± 0.021 χ^2/NDF : 5956.5/9

+ sign -32.504 ± 0.000 χ^2/NDF : 250007.6/27

All: -32.504 ± 0.000 χ^2/NDF : 550376.2/56

- sign -23.788 ± 0.019 χ^2/NDF : 96919.8/28

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 370901.4/16

Left Out: -1960.052 ± 0.481 χ^2/NDF : 14153.8/10

Right Out: -1496.932 ± 0.000 χ^2/NDF : 504712.5/18

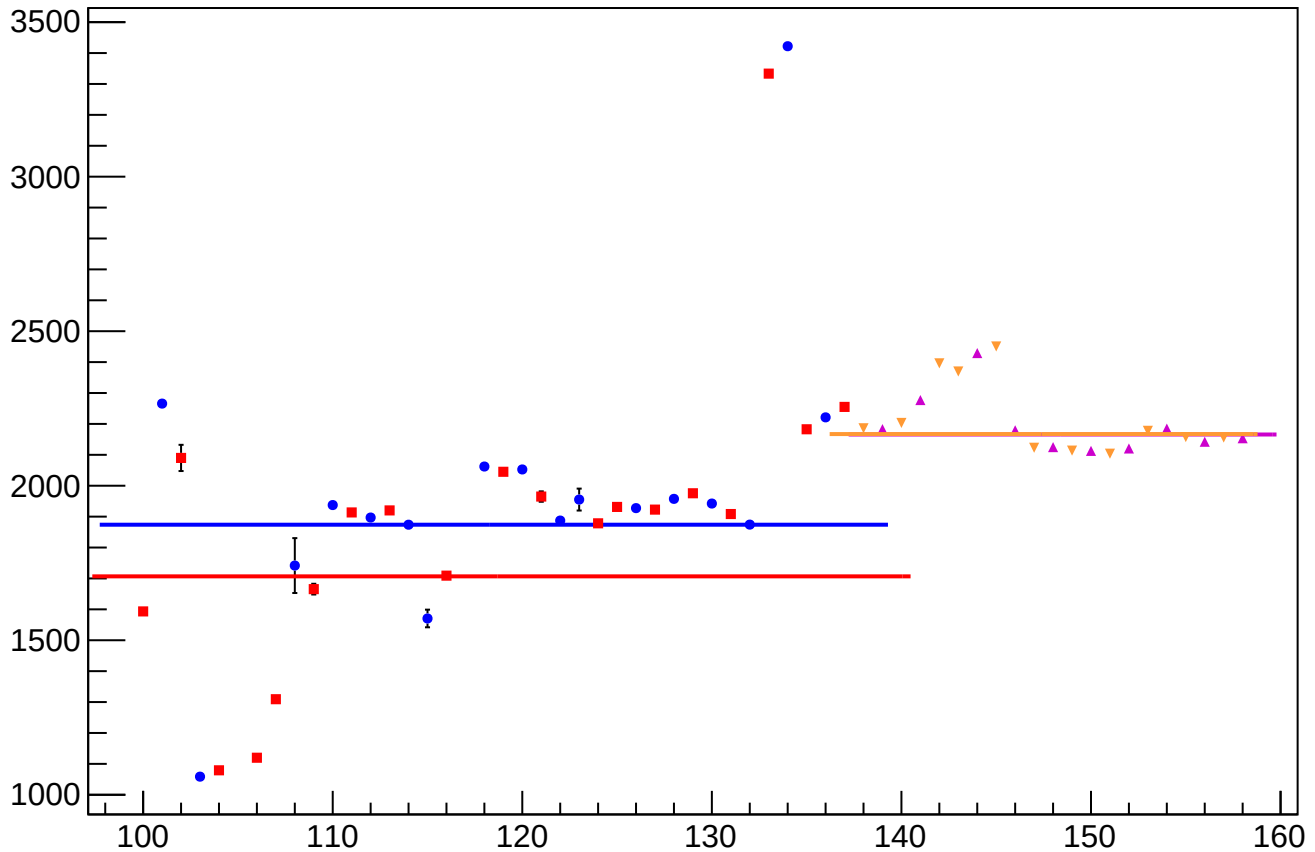
Left In: -1946.152 ± 0.382 χ^2/NDF : 15641.0/9

+ sign -1342.107 ± 0.000 χ^2/NDF : 2033663.4/27

All: -1396.751 ± 0.000 χ^2/NDF : 1800086126

- sign -1496.932 ± 0.000 χ^2/NDF : 1900100.2/28

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2167.145+/-0.485 χ^2/NDF : 27180.0/10

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

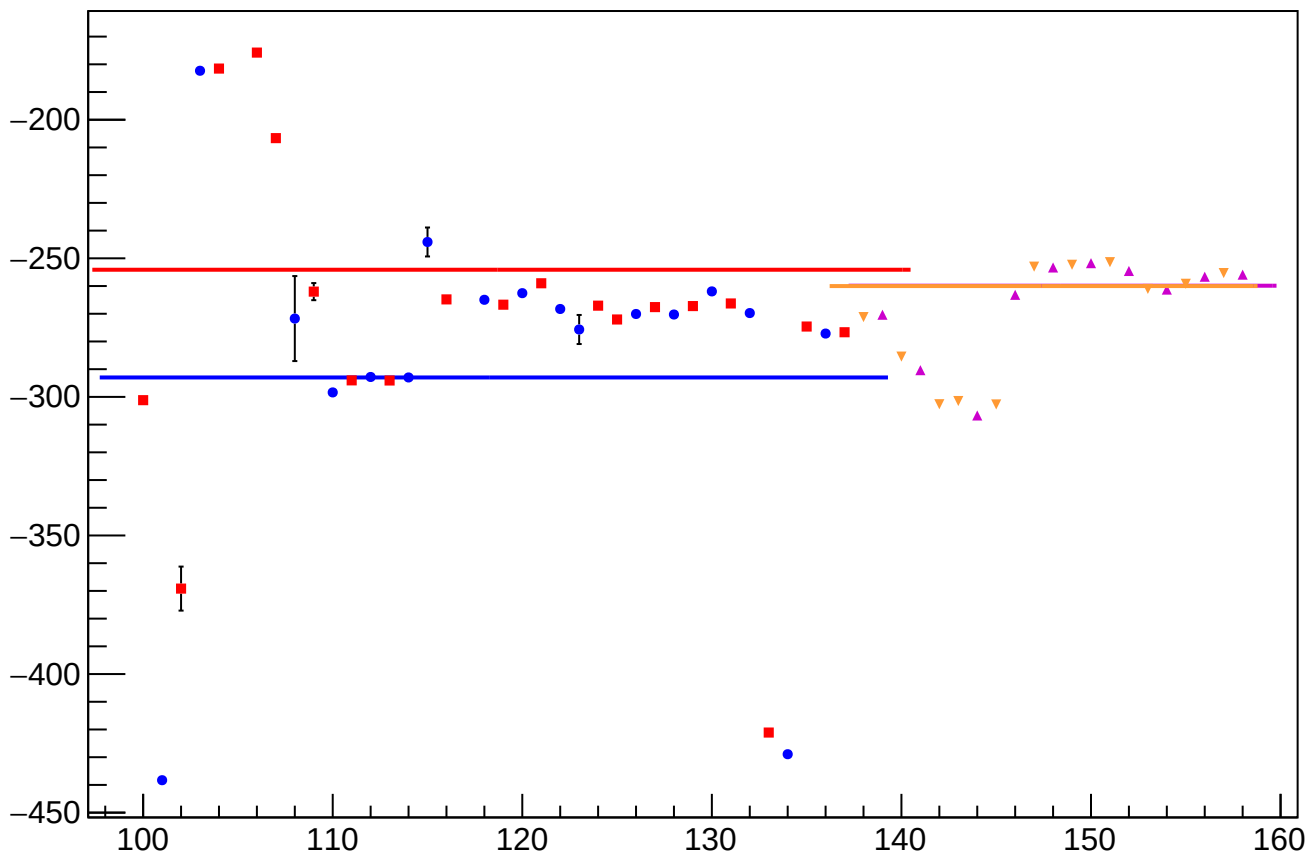
Left In: 2165.737+/-0.383 χ^2/NDF : 35801.6/9

+ sign 1873.852+/-0.000 χ^2/NDF : 594706.6/27

All: 1873.852+/-0.000 χ^2/NDF : 2355007.2/56

- sign 1883.059+/-0.237 χ^2/NDF : 1758795.2/28

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 χ^2/NDF : 1015592.4/16

Left Out: -260.013 ± 0.027 χ^2/NDF : 190312.6/10

Right Out: -254.119 ± 0.059 χ^2/NDF : 502658.5/18

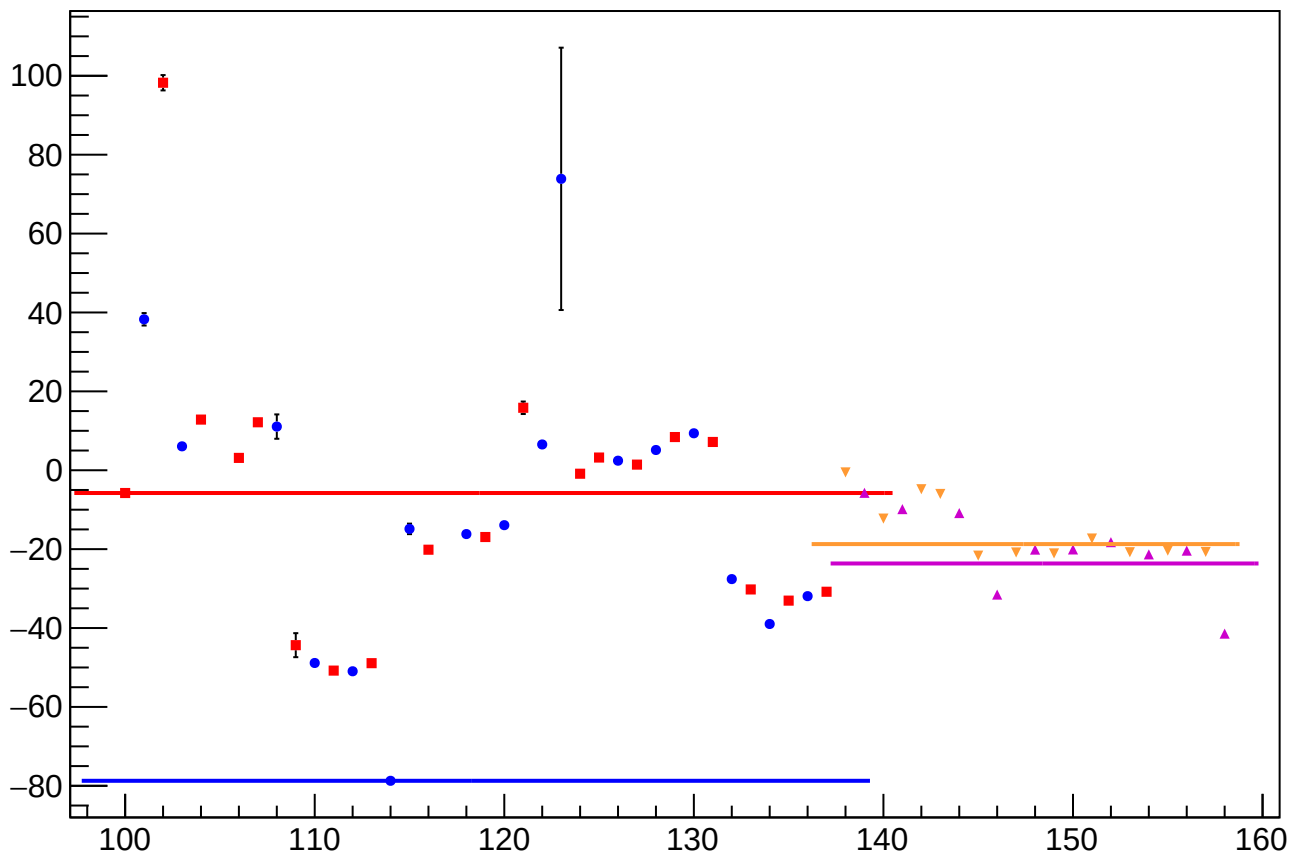
Left In: -259.881 ± 0.022 χ^2/NDF : 238863.5/9

+ sign -292.986 ± 0.000 χ^2/NDF : 2664600.6/27

All: -292.986 ± 0.000 χ^2/NDF : 6159807.2/56

- sign -259.193 ± 0.020 χ^2/NDF : 749922.1/28

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1399088.3/16

Left Out: -18.718 ± 0.030 χ^2/NDF : 20282.5/10

Right Out: -5.769 ± 0.000 χ^2/NDF : 111570.1/18

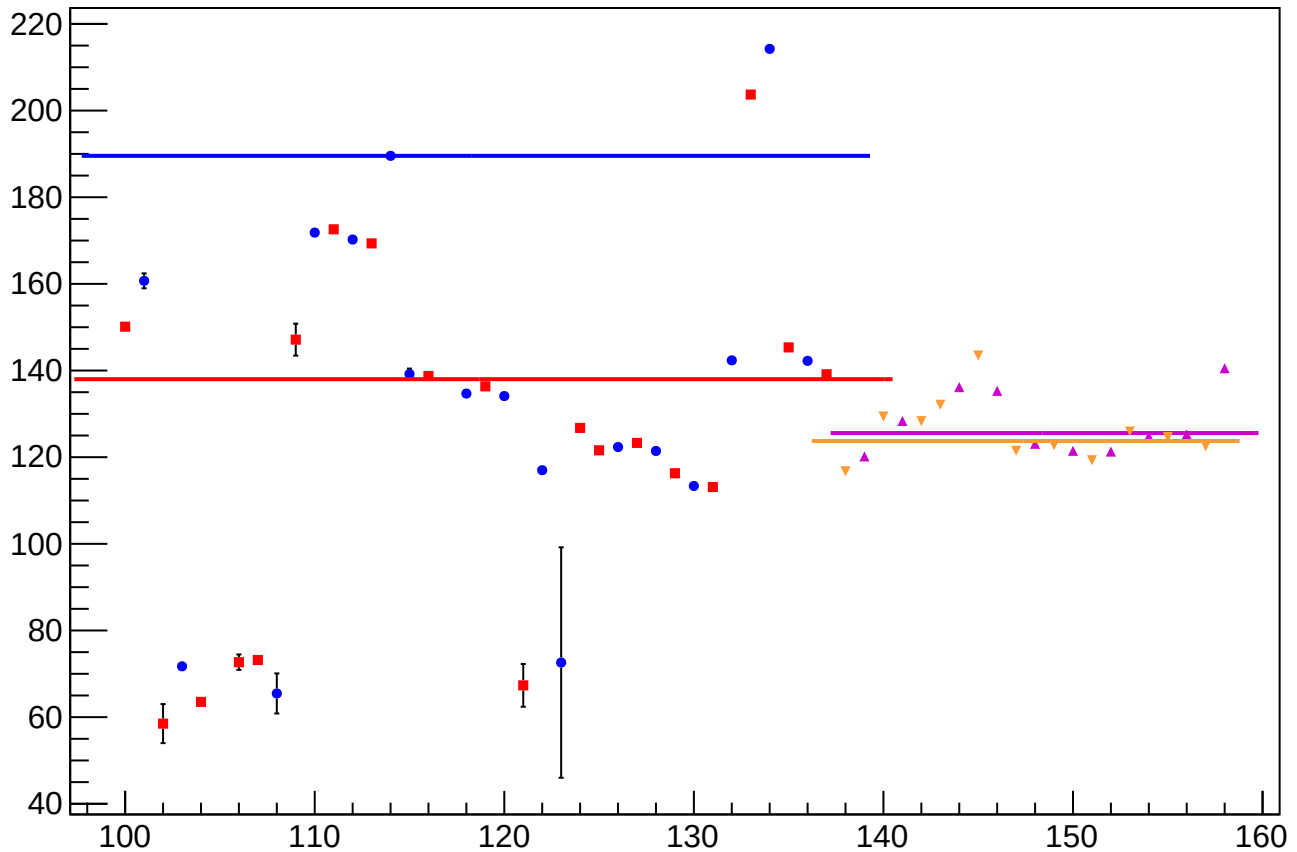
Left In: -23.635 ± 0.022 χ^2/NDF : 215291.2/9

+ sign -78.728 ± 0.000 χ^2/NDF : 5322358.0/27

All: -6.288 ± 0.000 χ^2/NDF : 2878797679293

- sign -5.769 ± 0.000 χ^2/NDF : 977140.7/28

dit_atr2_4eY_slope vs Slug



Right In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 927391.8/16$

Left Out: 123.736 ± 0.033 $\chi^2/\text{NDF}: 10440.3/10$

Right Out: 138.002 ± 0.059 $\chi^2/\text{NDF}: 117357.8/18$

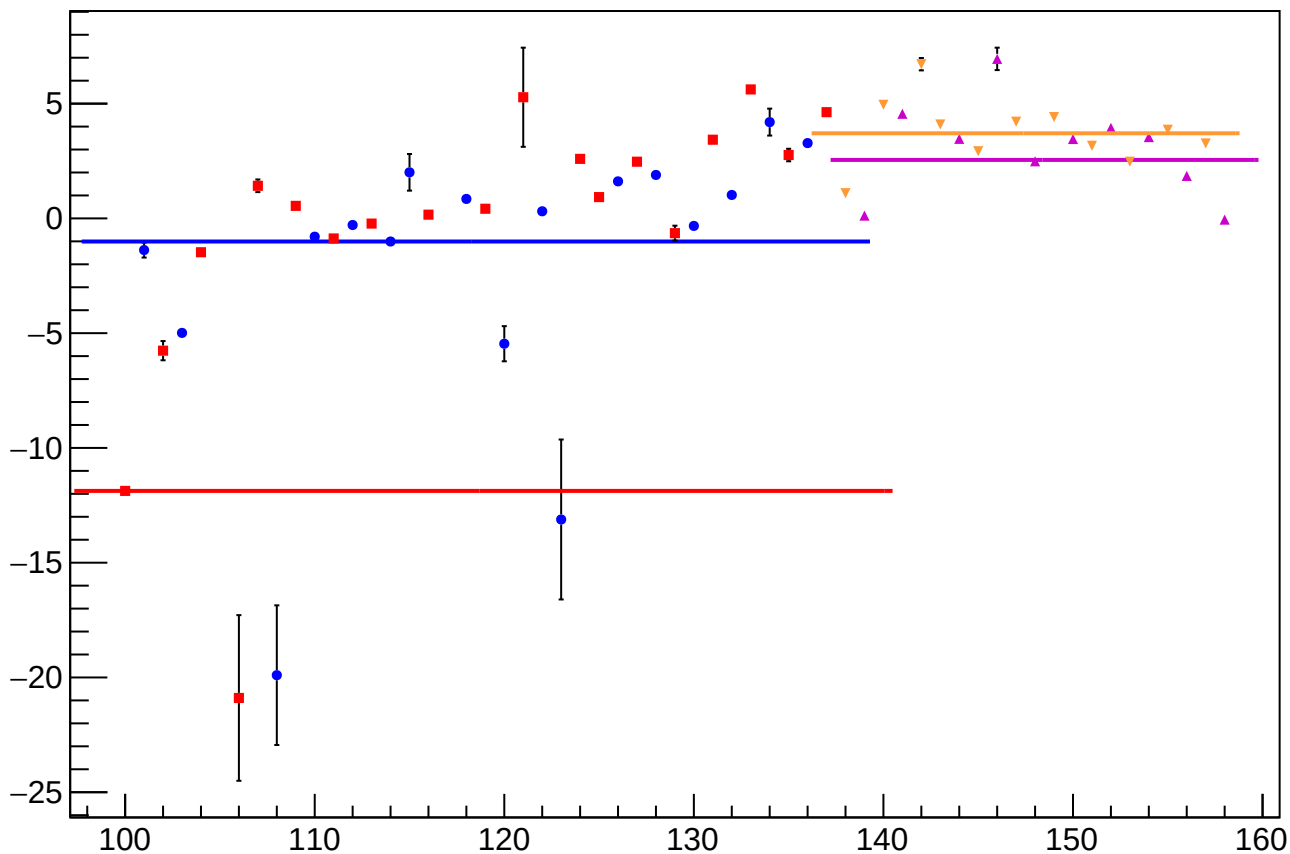
Left In: 125.575 ± 0.033 $\chi^2/\text{NDF}: 32119.5/9$

+ sign 189.551 ± 0.000 $\chi^2/\text{NDF}: 4927143.8/27$

All: 189.551 ± 0.000 $\chi^2/\text{NDF}: 9528225.2/56$

- sign 128.573 ± 0.029 $\chi^2/\text{NDF}: 183064.7/28$

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 3.708 ± 0.034 χ^2/NDF : 774.2/10

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

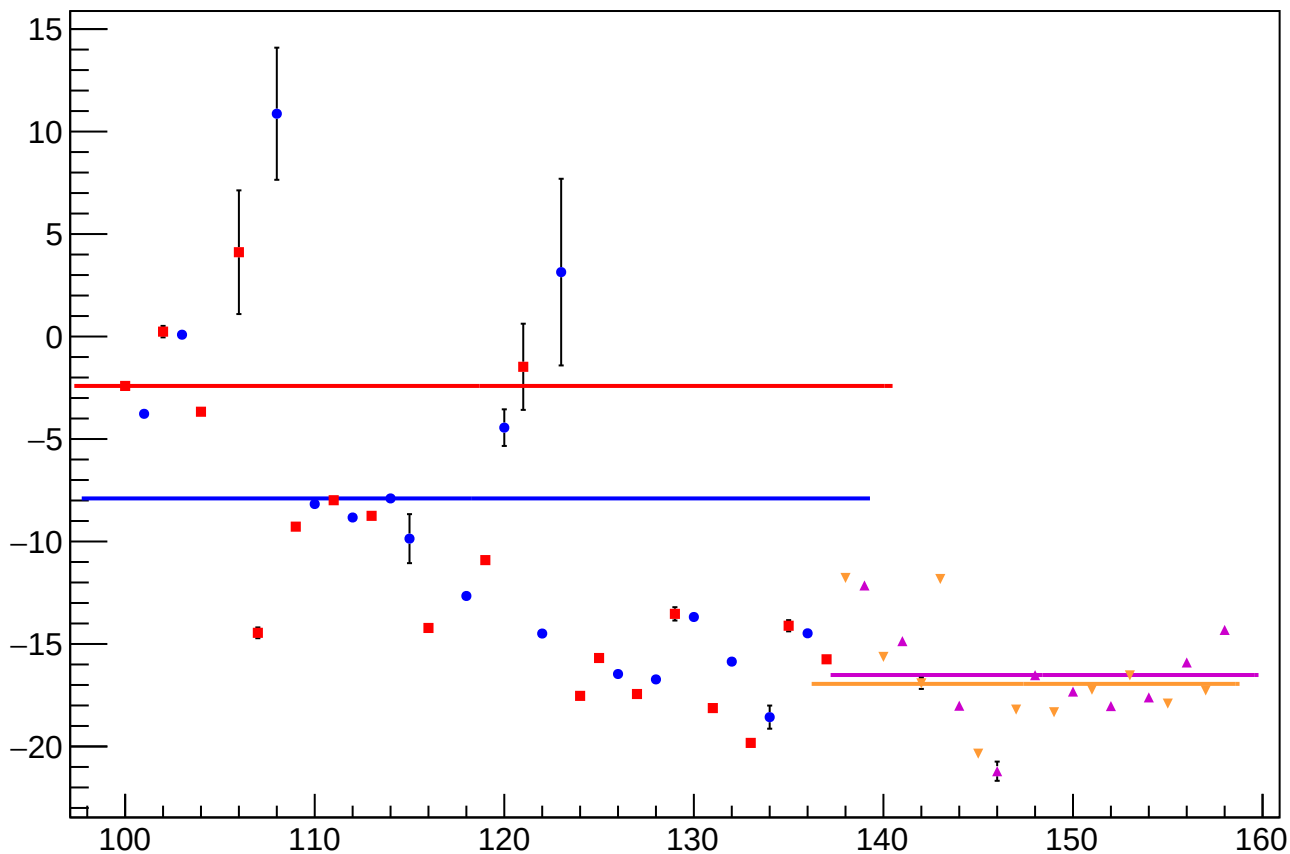
Left In: 2.548 ± 0.021 χ^2/NDF : 5839.0/9

+ sign -1.007 ± 0.000 χ^2/NDF : 27221.3/27

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1001812.1/28

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.946 ± 0.033 χ^2/NDF : 3913.1/10

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

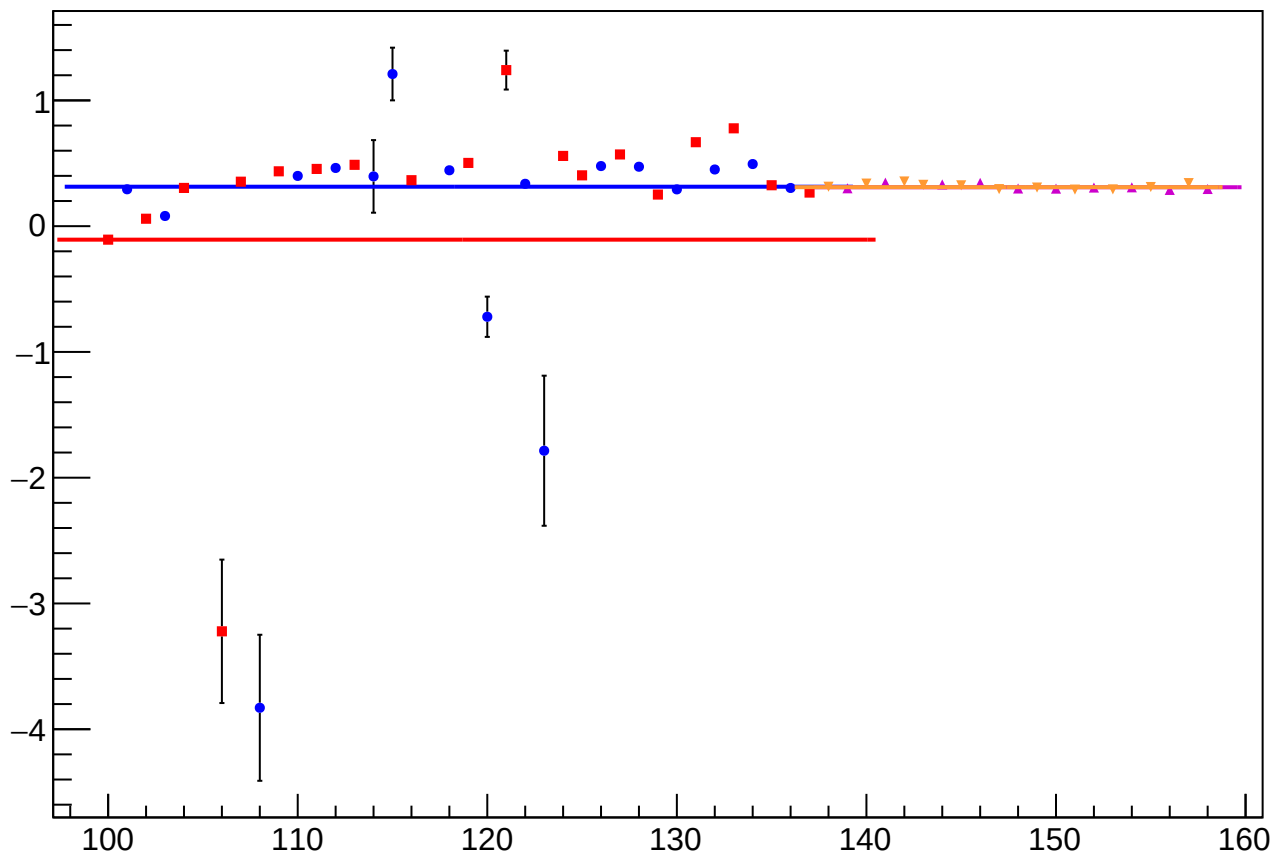
Left In: -16.513 ± 0.022 χ^2/NDF : 4864.5/9

+ sign -7.899 ± 0.000 χ^2/NDF : 117003.7/27

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 626520.0/28

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.310 ± 0.000 χ^2/NDF : 2114.9/10

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

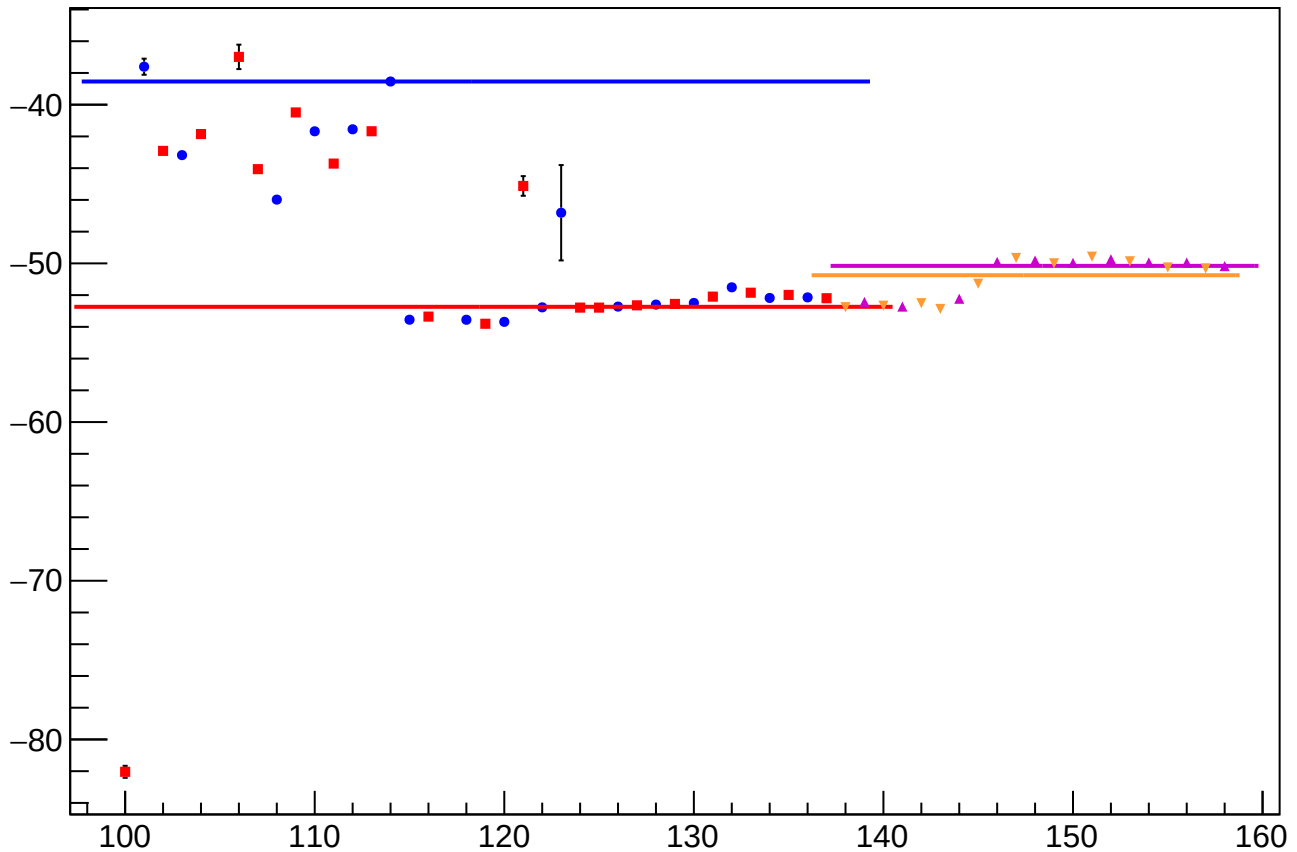
Left In: 0.310 ± 0.000 χ^2/NDF : 1995.6/9

+ sign 0.311 ± 0.000 χ^2/NDF : 4874.7/27

All: -0.107 ± 0.000 χ^2/NDF : 3078927.3/56

- sign -0.107 ± 0.000 χ^2/NDF : 1773321.6/28

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.747+/-0.003 χ^2/NDF : 211989.9/10

Right Out: -52.737+/-0.002 χ^2/NDF : 87430.2/18

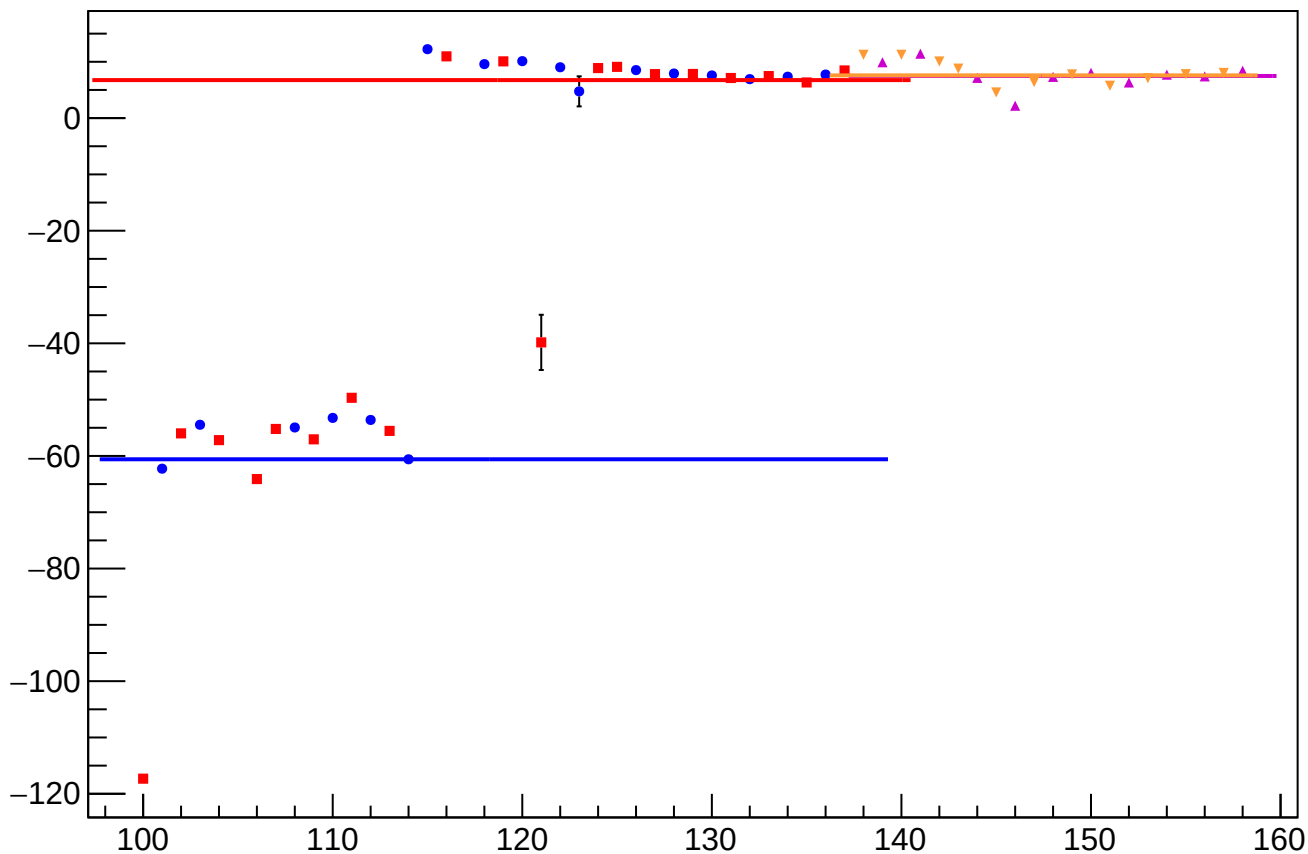
Left In: -50.157+/-0.002 χ^2/NDF : 153636.3/9

+ sign -38.539+/-0.000 χ^2/NDF : 32500325.0/27

All: -38.539+/-0.000 χ^2/NDF : 133758019.0/5

- sign -51.357+/-0.001 χ^2/NDF : 1248921.6/28

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 7.586 ± 0.006 χ^2/NDF : 65642.4/10

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

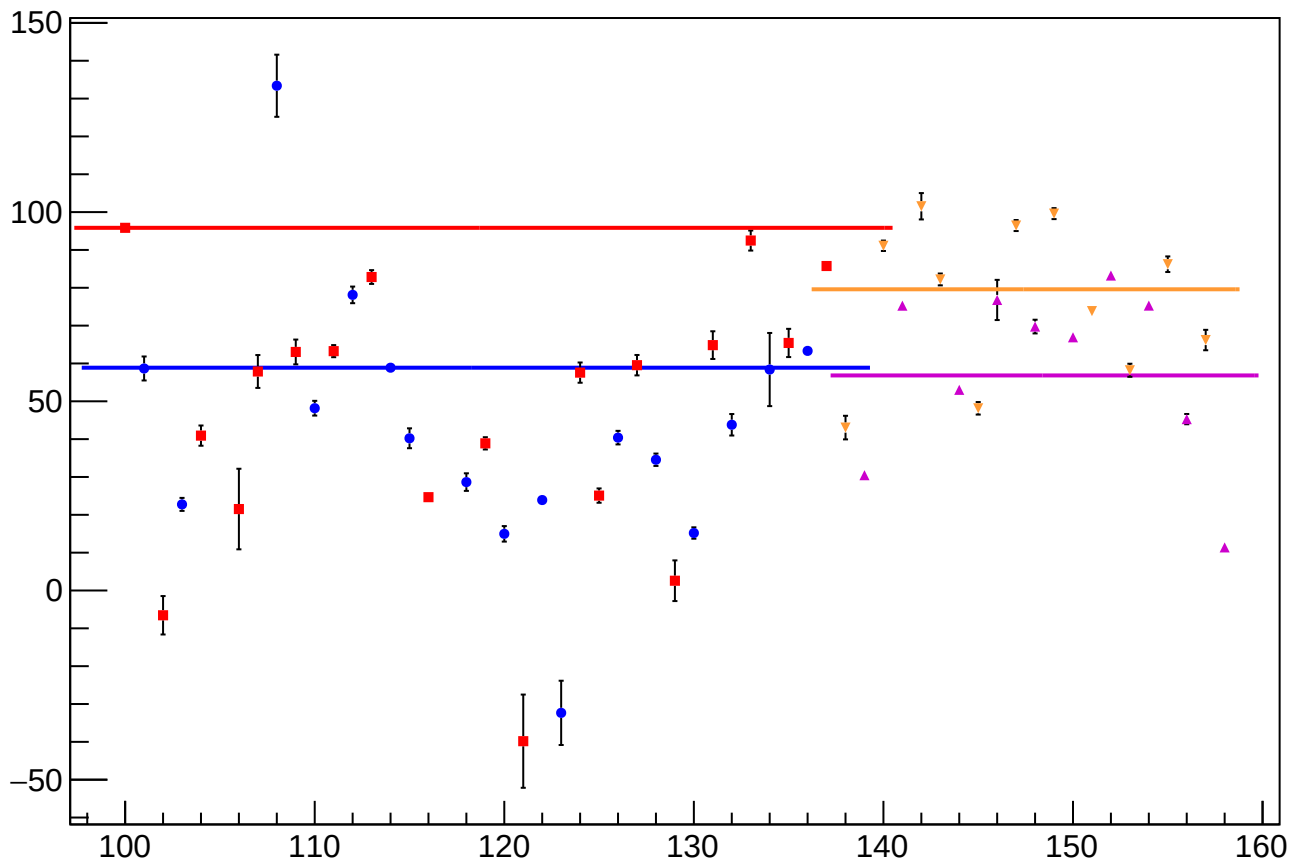
Left In: 7.482 ± 0.004 χ^2/NDF : 111772.1/9

+ sign -60.594 ± 0.000 χ^2/NDF : 149920052.2/27

All: -60.594 ± 0.000 χ^2/NDF : 505417104.5/5

- sign 7.403 ± 0.004 χ^2/NDF : 1382332.4/28

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 79.599 $\pm$ 0.514 χ^2 /NDF:1142.9/10

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

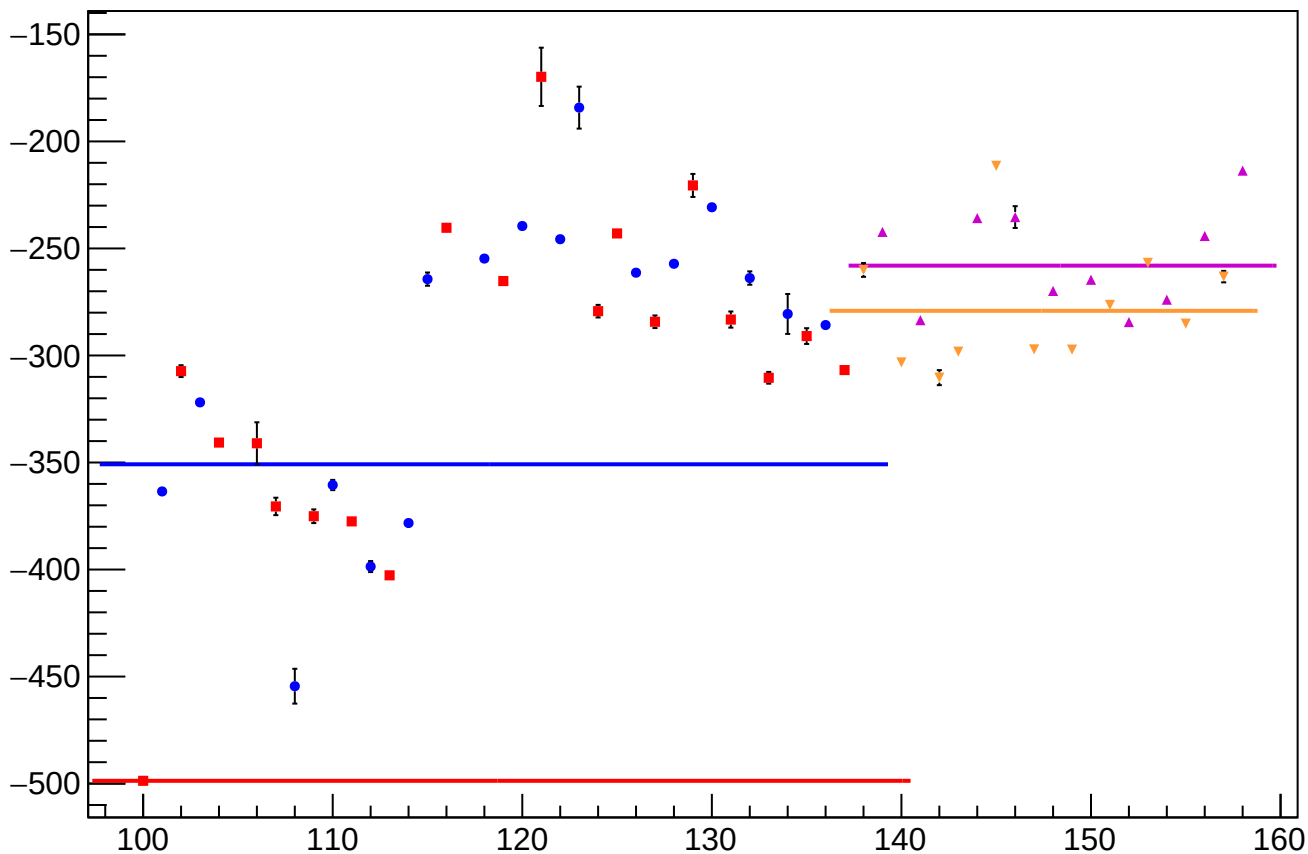
Left In: 56.835 $\pm$ 0.339 χ^2 /NDF:4439.7/9

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 6579.6/27

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 981523394566

- sign 95.846 $\pm$ 0.000 χ^2 /NDF: 57070.0/28

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -279.136 ± 0.504 χ^2/NDF : 3015.0/10

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

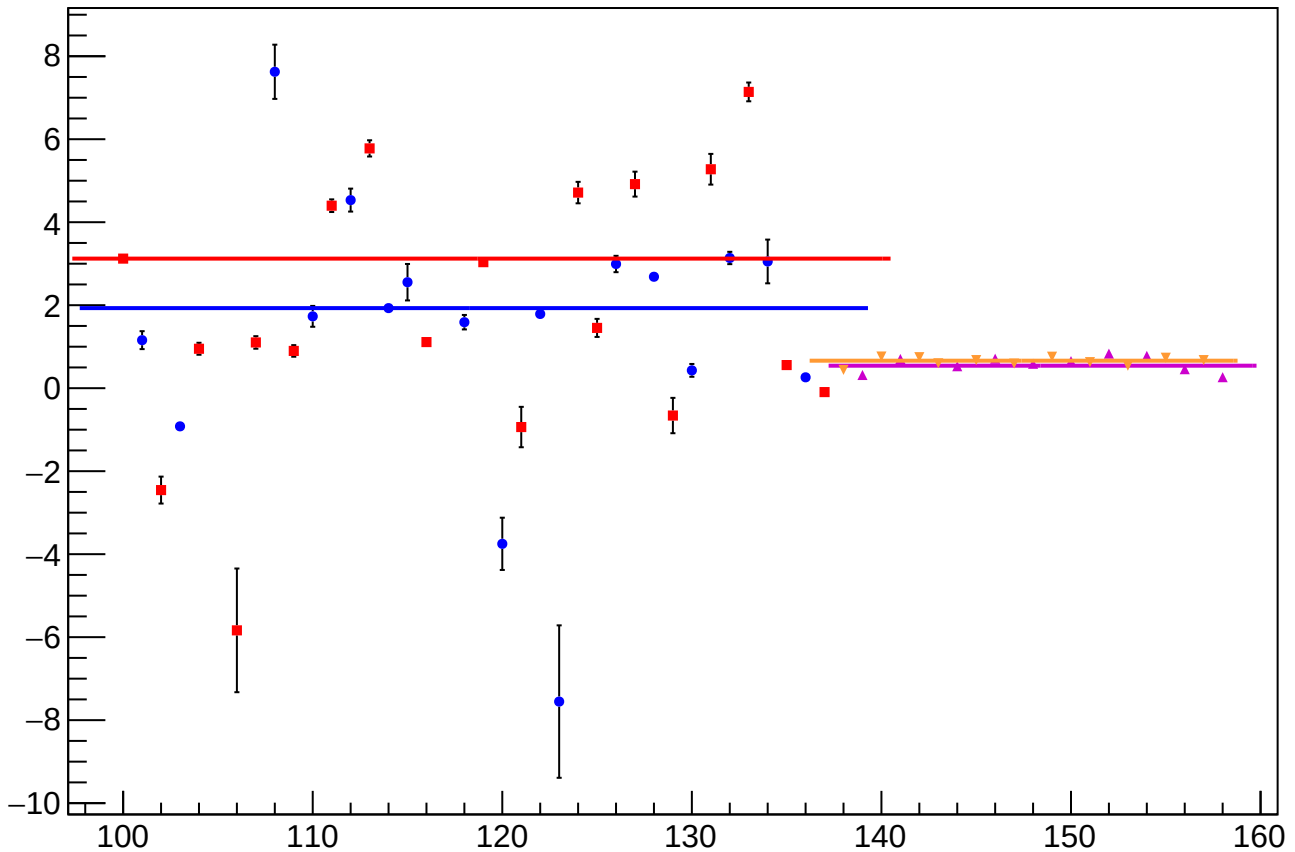
Left In: -258.035 ± 0.345 χ^2/NDF : 4038.1/9

+ sign -337.184 ± 0.220 χ^2/NDF : 60681.6/27

All: -498.692 ± 0.000 χ^2/NDF : 1603304.8/56

- sign -498.692 ± 0.000 χ^2/NDF : 1003823.4/28

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.663 ± 0.003 χ^2/NDF : 687.6/10

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

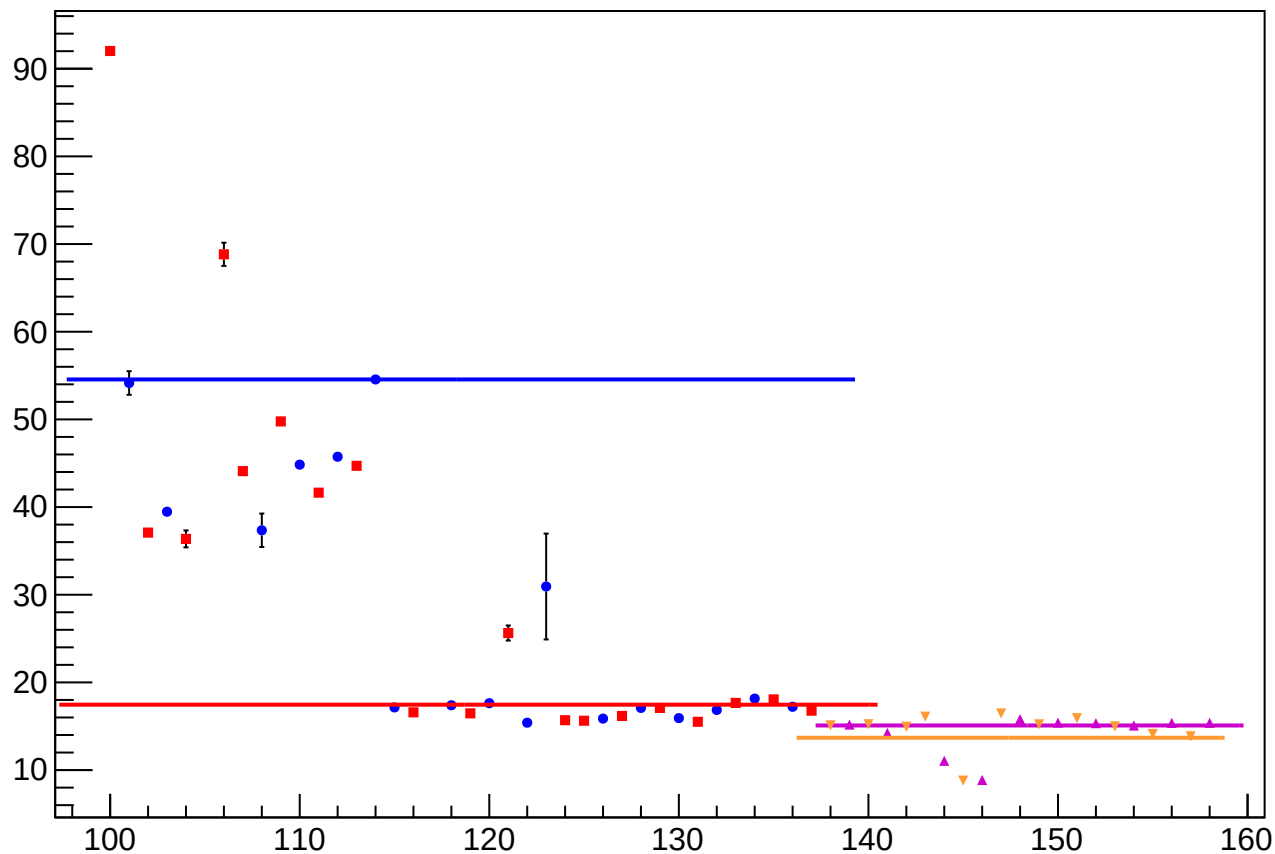
Left In: 0.542 ± 0.002 χ^2/NDF : 10903.4/9

+ sign 1.930 ± 0.000 χ^2/NDF : 214149.8/27

All: 2.073 ± 0.000 χ^2/NDF : 3809953457808

- sign 3.123 ± 0.000 χ^2/NDF : 1939436.3/28

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.685+/-0.011 χ^2/NDF : 72166.3/10

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

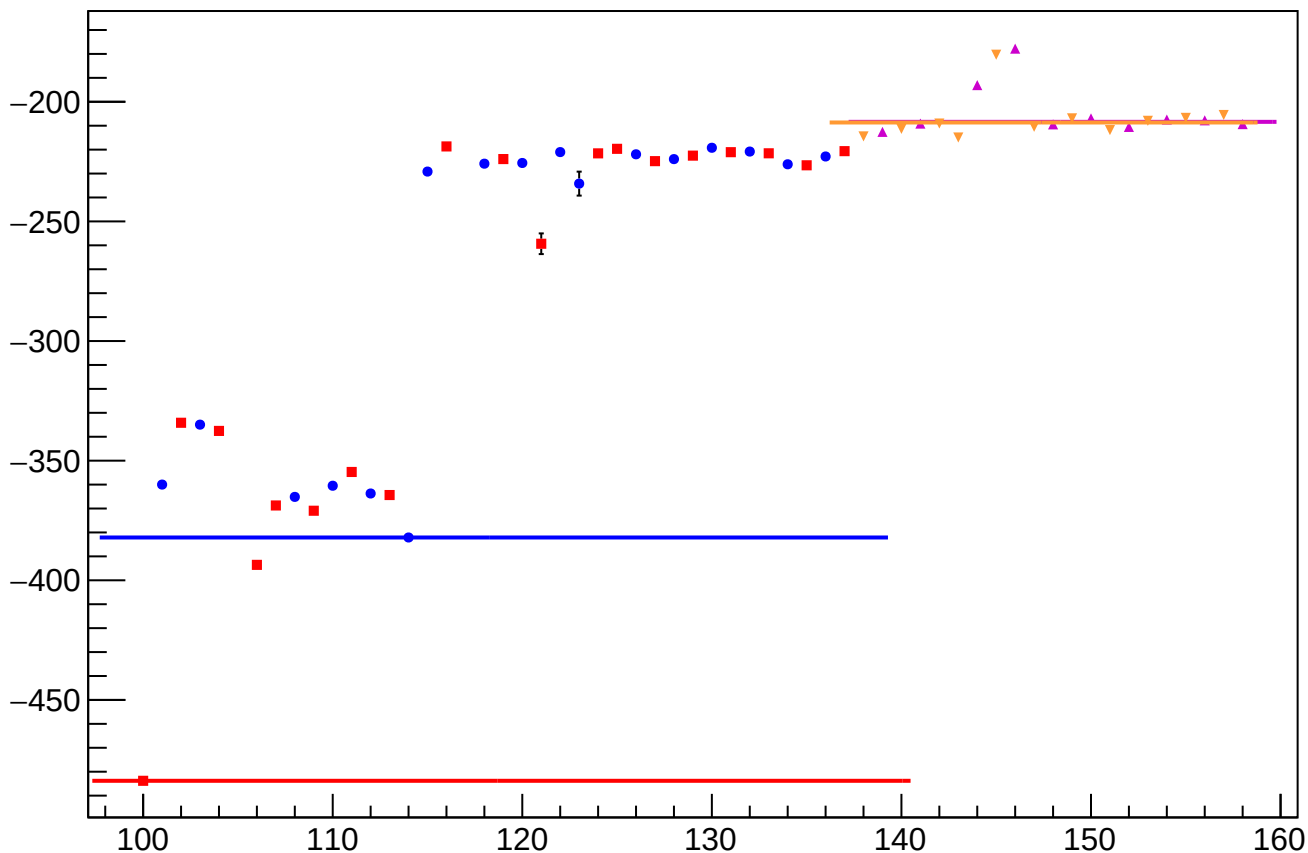
Left In: 15.087+/-0.009 χ^2/NDF : 7922.1/9

+ sign 54.556+/-0.000 χ^2/NDF : 20886215.1/27

All: 54.556+/-0.000 χ^2/NDF : 42600594.2/56

- sign 15.586+/-0.008 χ^2/NDF : 120508.6/28

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.654+/-0.021 χ^2/NDF : 59917.3/10

+ sign -382.108+/-0.000 χ^2/NDF : 87618039.3/27

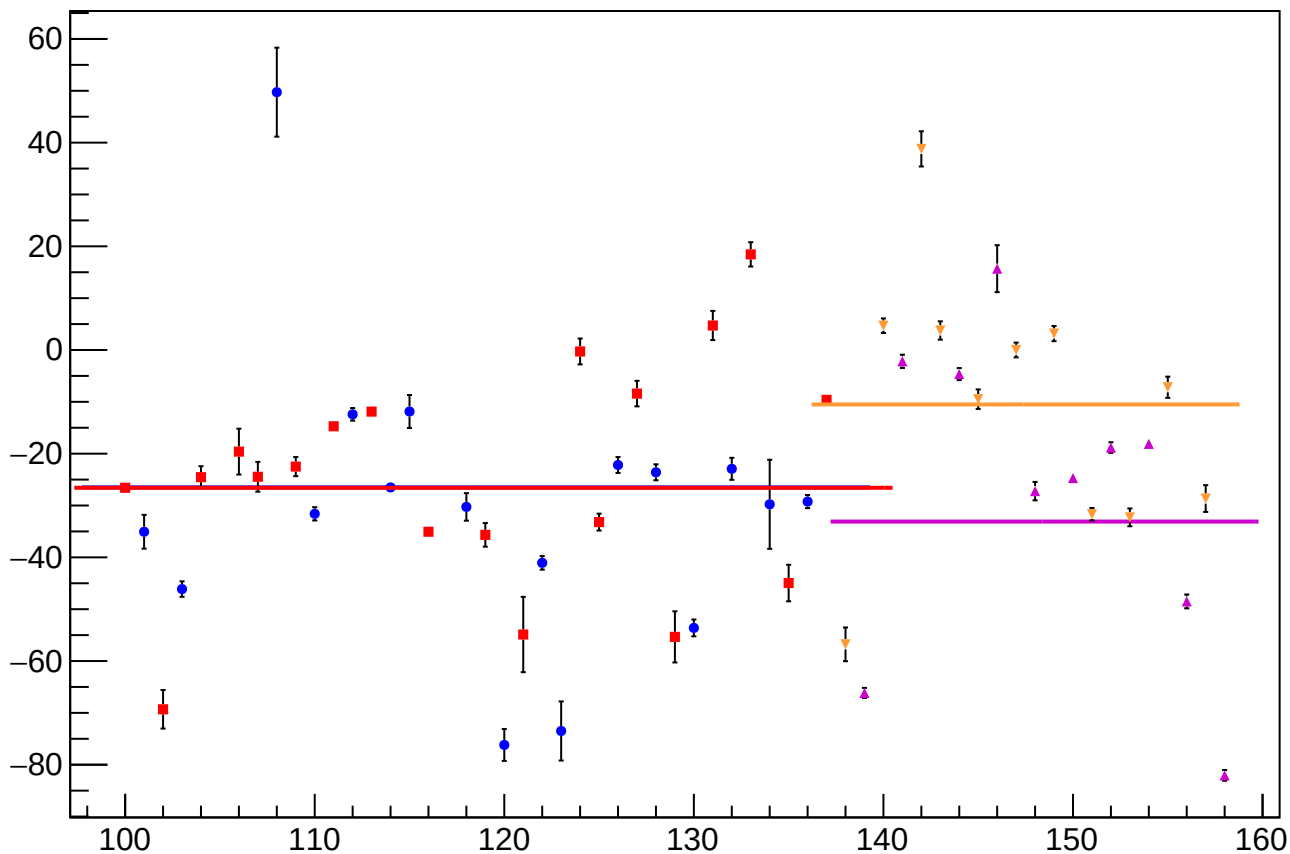
Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

All: -417.999+/-0.000 χ^2/NDF : 12425488813

- sign -483.800+/-0.000 χ^2/NDF : 234933790.6/28

Left In: -208.387+/-0.019 χ^2/NDF : 13970.4/9

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 1180.7/16$

Left Out: -10.504 ± 0.522 $\chi^2/\text{NDF}: 1260.8/10$

Right Out: -26.577 ± 0.000 $\chi^2/\text{NDF}: 2640.9/18$

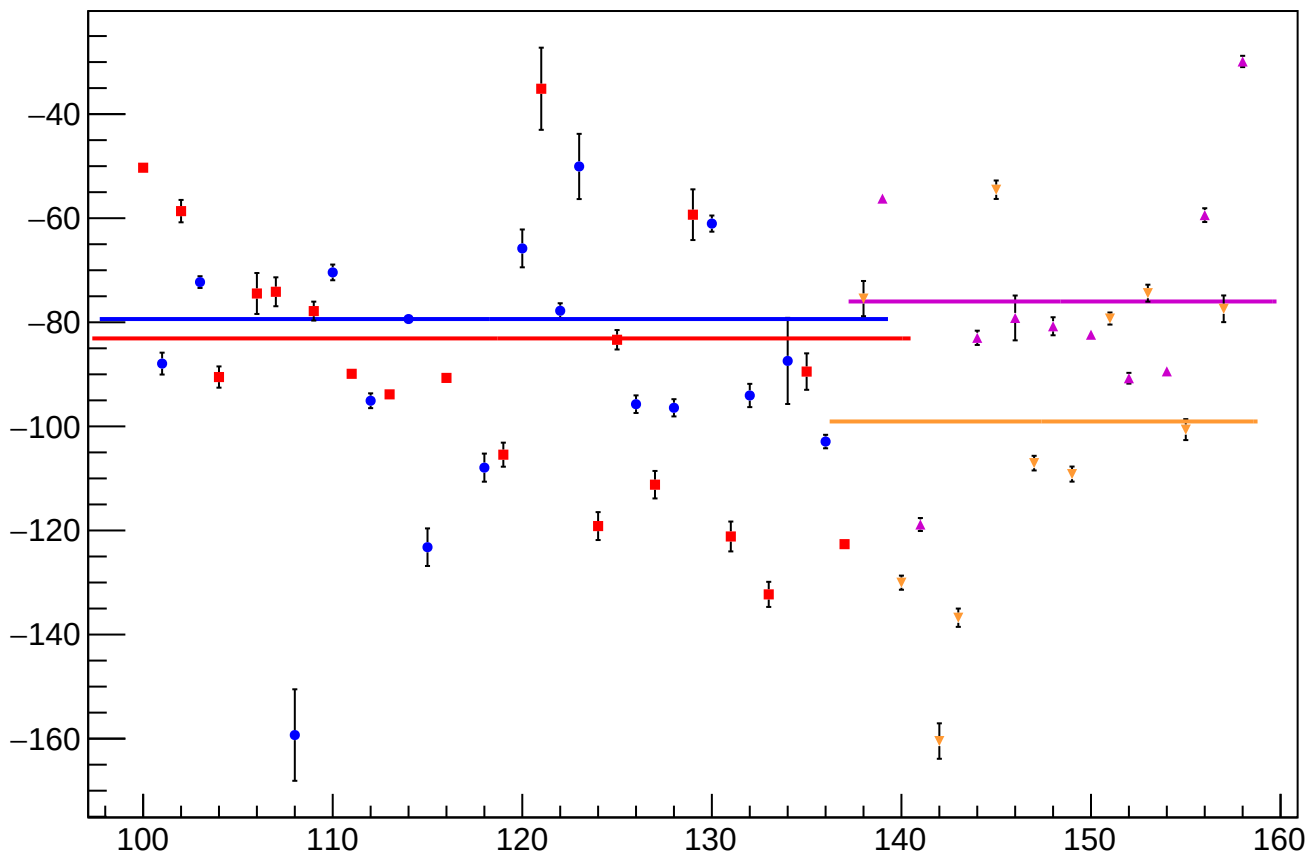
Left In: -33.096 ± 0.354 $\chi^2/\text{NDF}: 5346.9/9$

+ sign -26.504 ± 0.000 $\chi^2/\text{NDF}: 3381.2/27$

All: -26.530 ± 0.000 $\chi^2/\text{NDF}: 412159279654$

- sign -26.577 ± 0.000 $\chi^2/\text{NDF}: 8326.7/28$

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -99.057 ± 0.509 $\chi^2/\text{NDF}: 2654.9/10$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

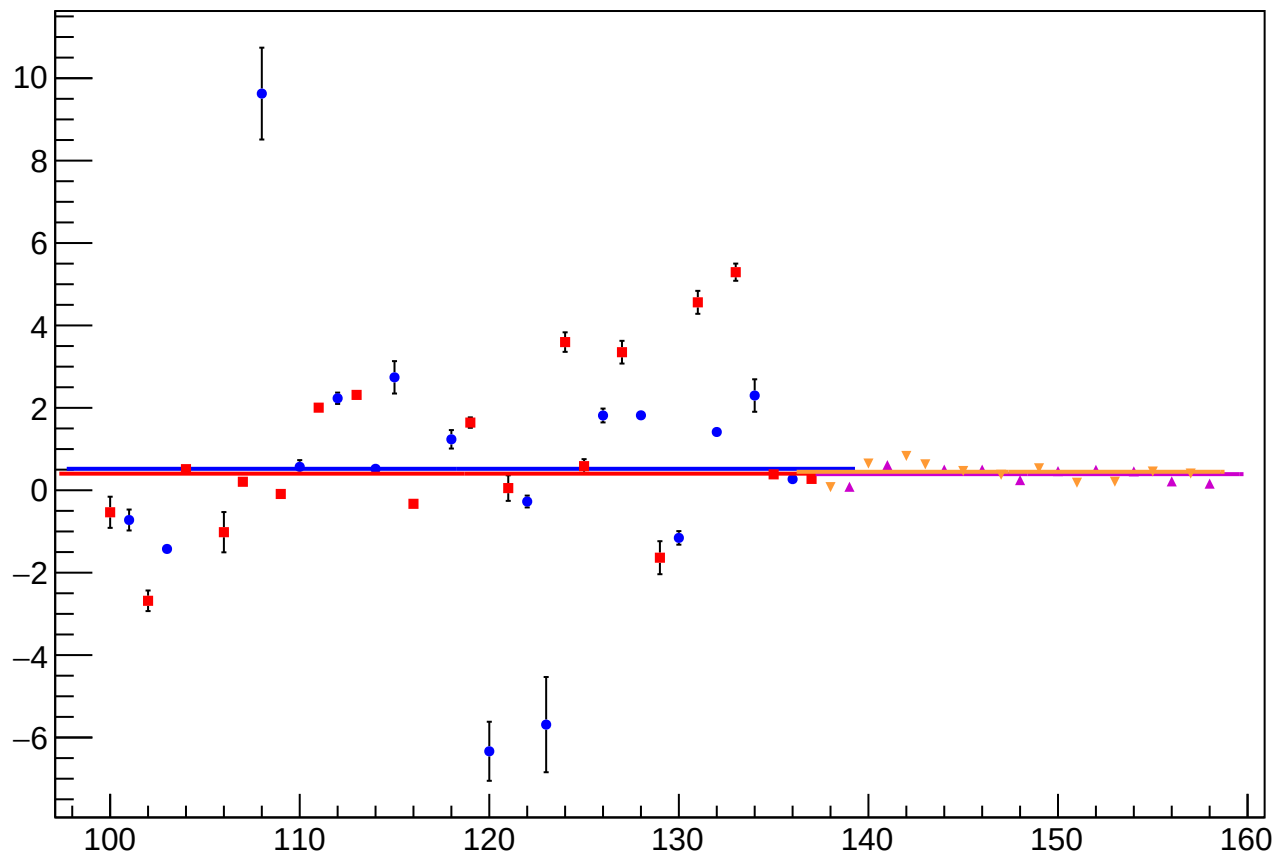
Left In: -76.002 ± 0.351 $\chi^2/\text{NDF}: 4141.8/9$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 5452.6/27$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 22039.1/56$

- sign -81.646 ± 0.159 $\chi^2/\text{NDF}: 16382.5/28$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521 $\pm$ 0.000 χ^2 /NDF: 3370.8/16

Left Out: 0.449 $\pm$ 0.004 χ^2 /NDF:1986.8/10

Right Out: 0.403 $\pm$ 0.011 χ^2 /NDF: 2727.5/18

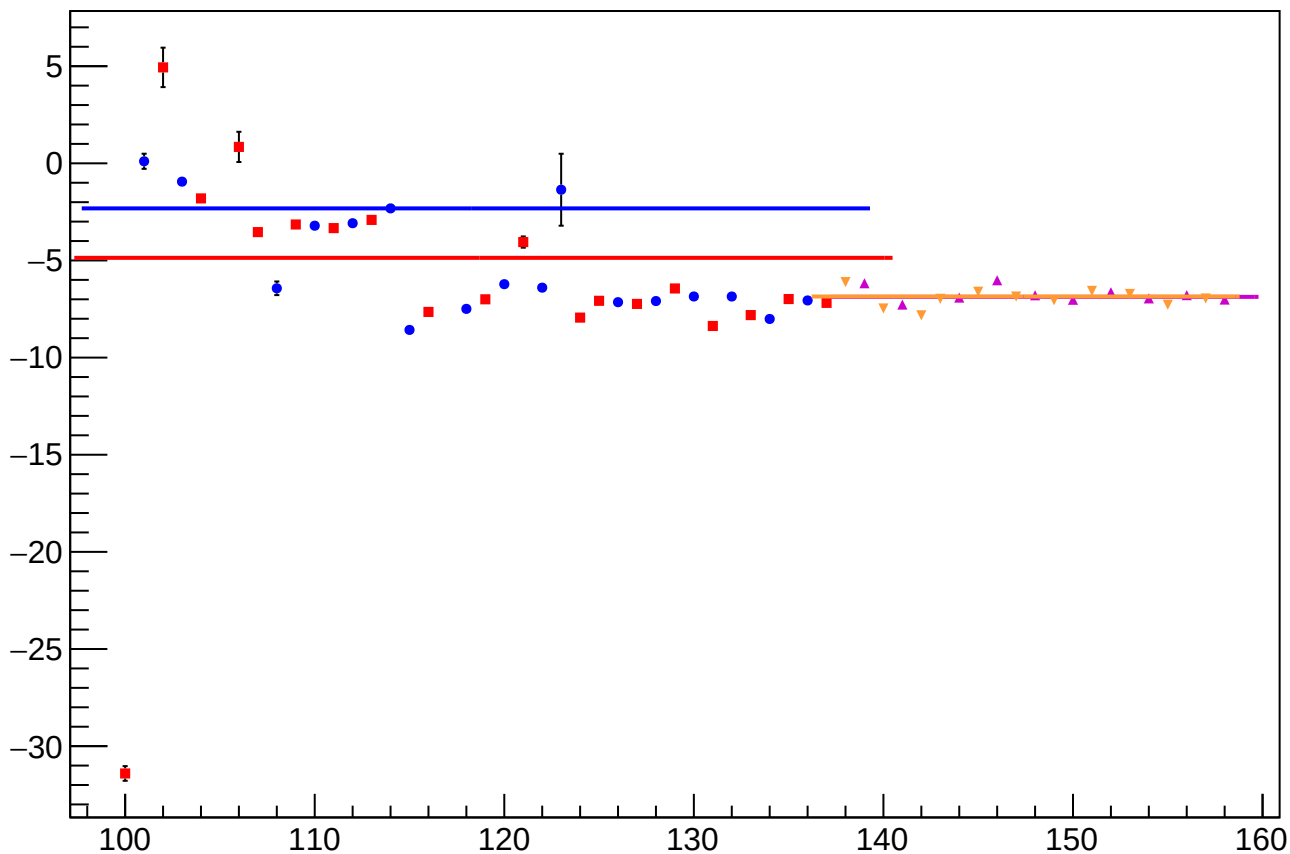
Left In: 0.391 $\pm$ 0.002 χ^2 /NDF:7379.2/9

+ sign 0.521 $\pm$ 0.000 χ^2 /NDF: 5740.3/27

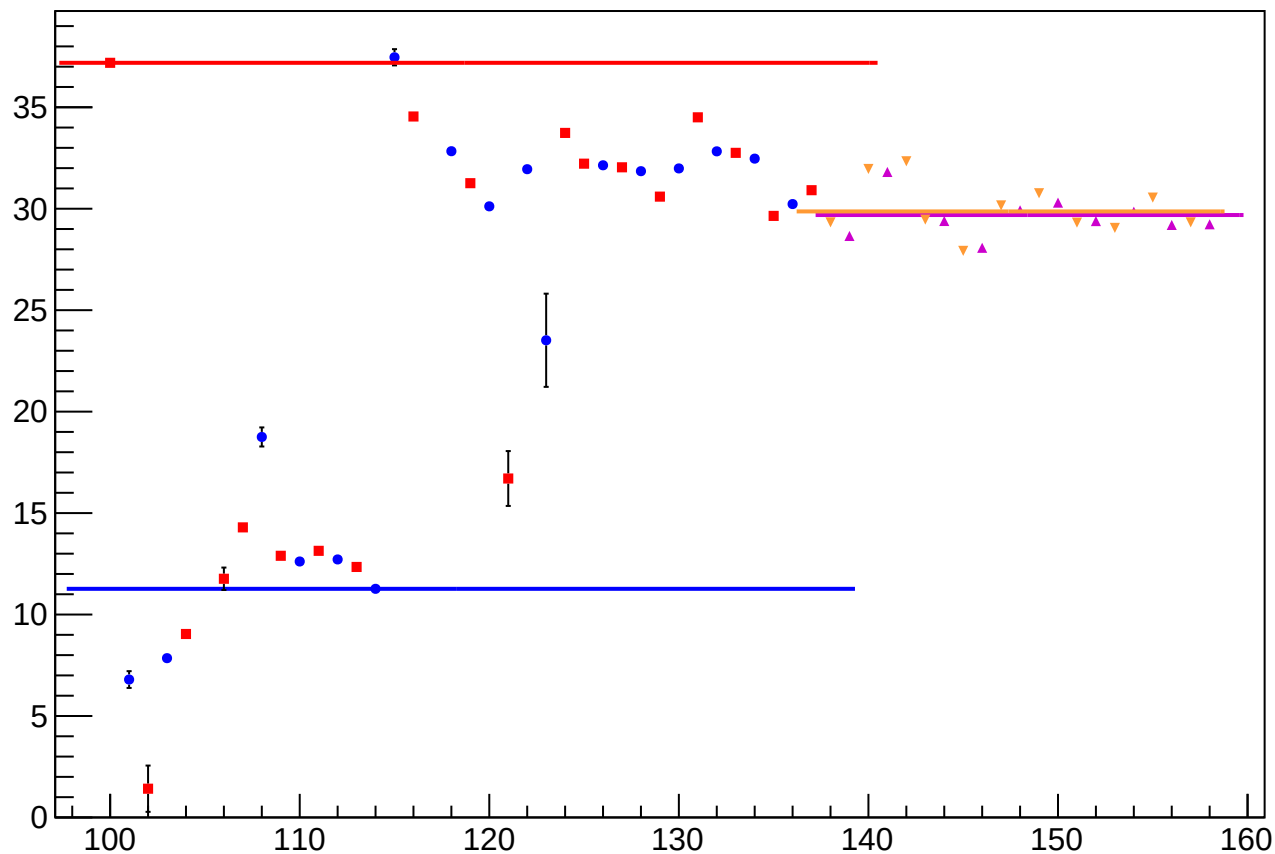
All: 0.521 $\pm$ 0.000 χ^2 /NDF: 19416.5/56

- sign 0.392 $\pm$ 0.002 χ^2 /NDF: 10107.8/28

dit_sam3_4aY_slope vs Slug



dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.867 $\pm$ 0.016 χ^2 /NDF: 4989.3/10

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

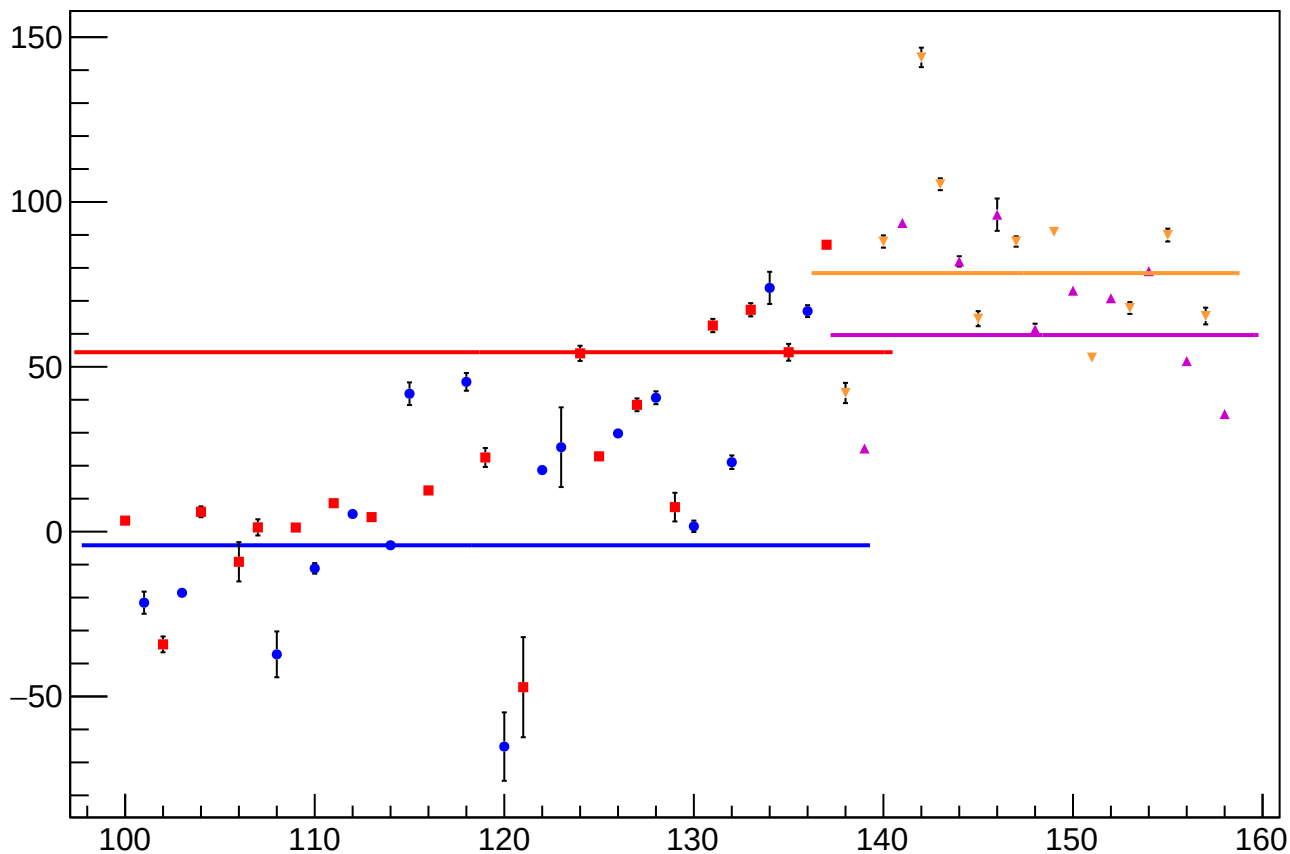
Left In: 29.689 $\pm$ 0.012 χ^2 /NDF: 3031.7/9

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 2401351.8/27

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 1545947.0/28

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 78.429 ± 0.543 χ^2/NDF : 1631.8/10

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

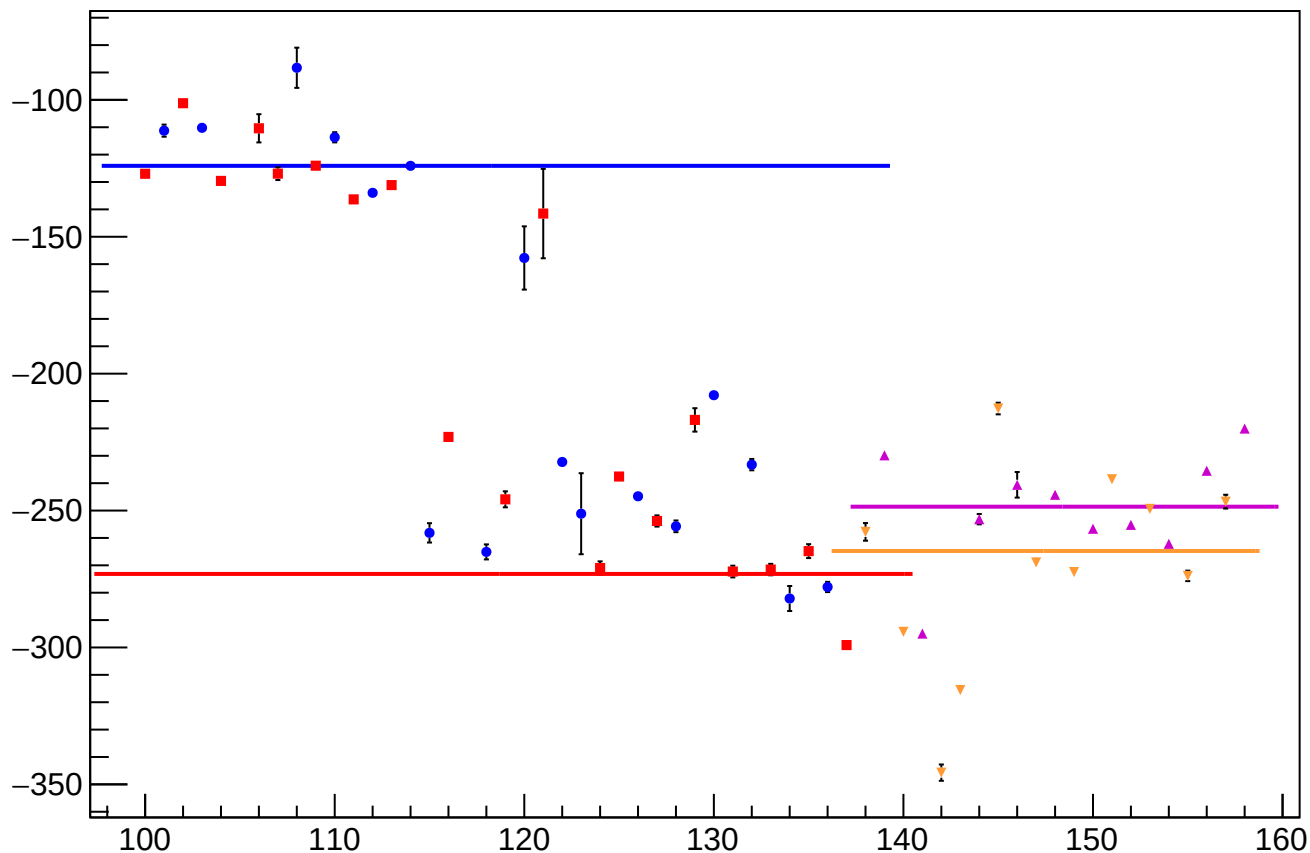
Left In: 59.635 ± 0.356 χ^2/NDF : 4389.4/9

+ sign -4.139 ± 0.000 χ^2/NDF : 29440.9/27

All: -4.139 ± 0.000 χ^2/NDF : 238240.9/56

- sign 55.395 ± 0.154 χ^2/NDF : 58562.1/28

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 χ^2/NDF : 38152.5/16

Left Out: -264.763 ± 0.534 χ^2/NDF : 3140.4/10

Right Out: -273.143 ± 0.113 χ^2/NDF : 280141.9/18

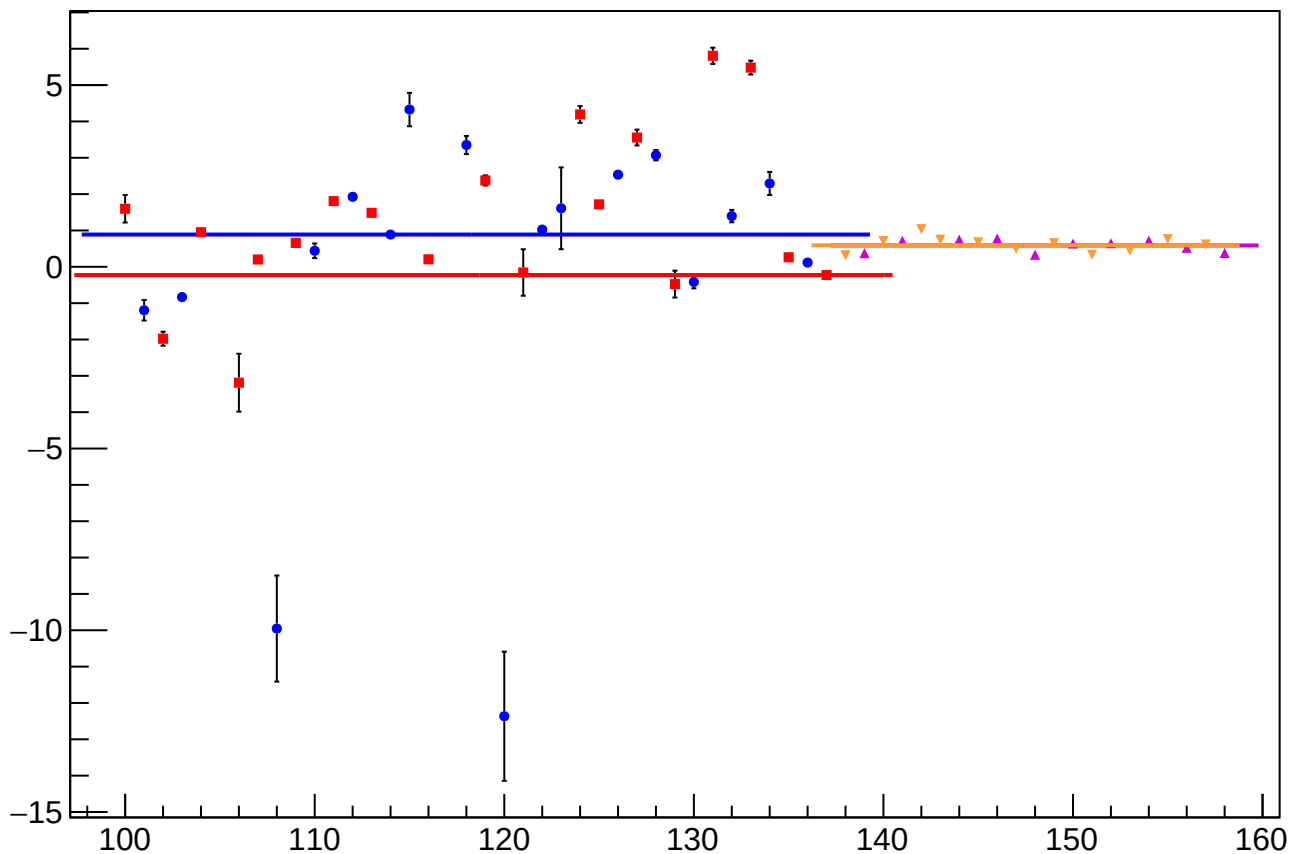
Left In: -248.584 ± 0.348 χ^2/NDF : 3105.7/9

+ sign -124.095 ± 0.000 χ^2/NDF : 110788.4/27

All: -124.095 ± 0.000 χ^2/NDF : 2270171.7/56

- sign -270.817 ± 0.107 χ^2/NDF : 287745.1/28

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.592 ± 0.004 χ^2/NDF : 1943.6/10

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

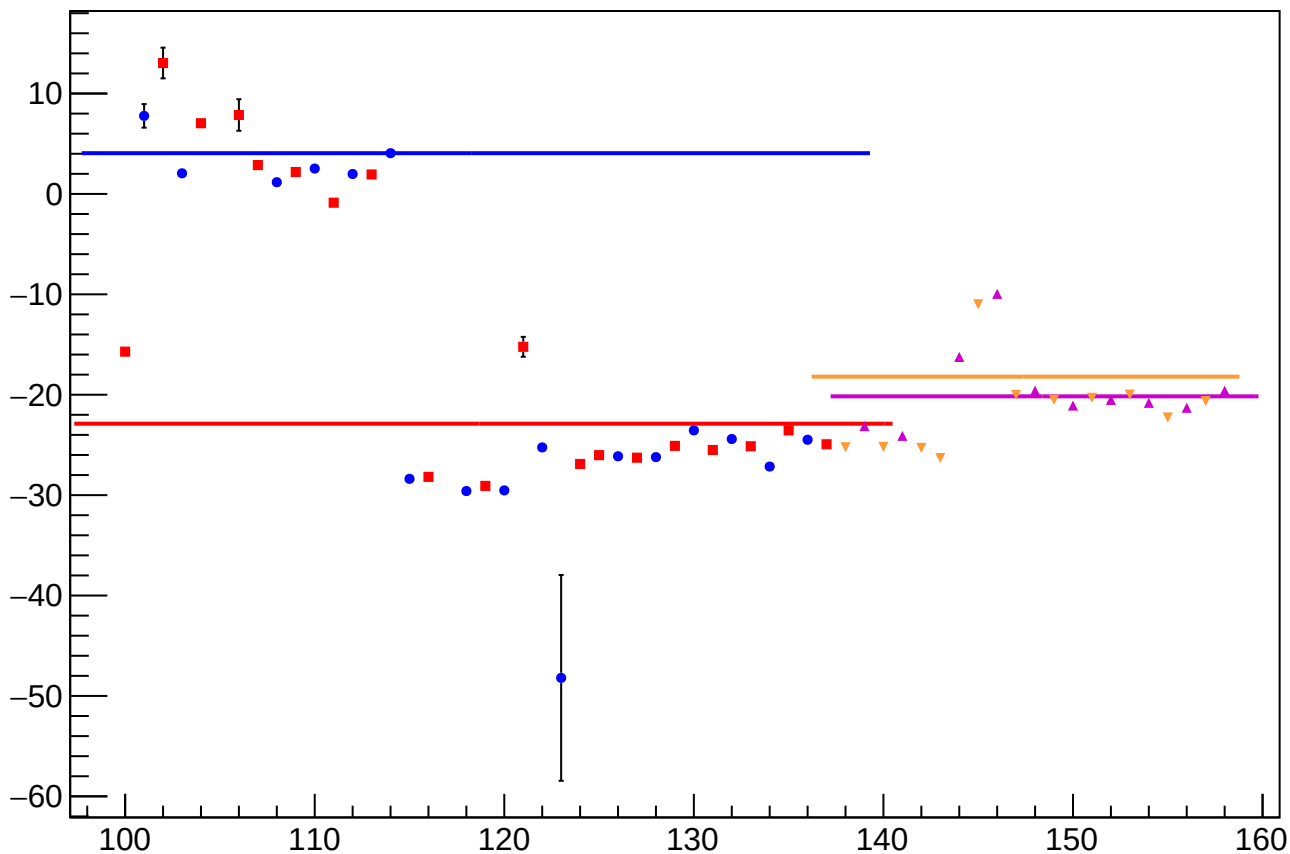
Left In: 0.587 ± 0.003 χ^2/NDF : 2609.9/9

+ sign 0.888 ± 0.000 χ^2/NDF : 16326.3/27

All: 0.888 ± 0.000 χ^2/NDF : 422241342.5/56

- sign -0.226 ± 0.000 χ^2/NDF : 84878.5/28

dit_sam4_4aY_slope vs Slug



Right In: 4.057 ± 0.000 χ^2/NDF : 1247888.2/16

Left Out: -18.197 ± 0.020 χ^2/NDF : 75402.5/10

Right Out: -22.885 ± 0.026 χ^2/NDF : 116508.9/18

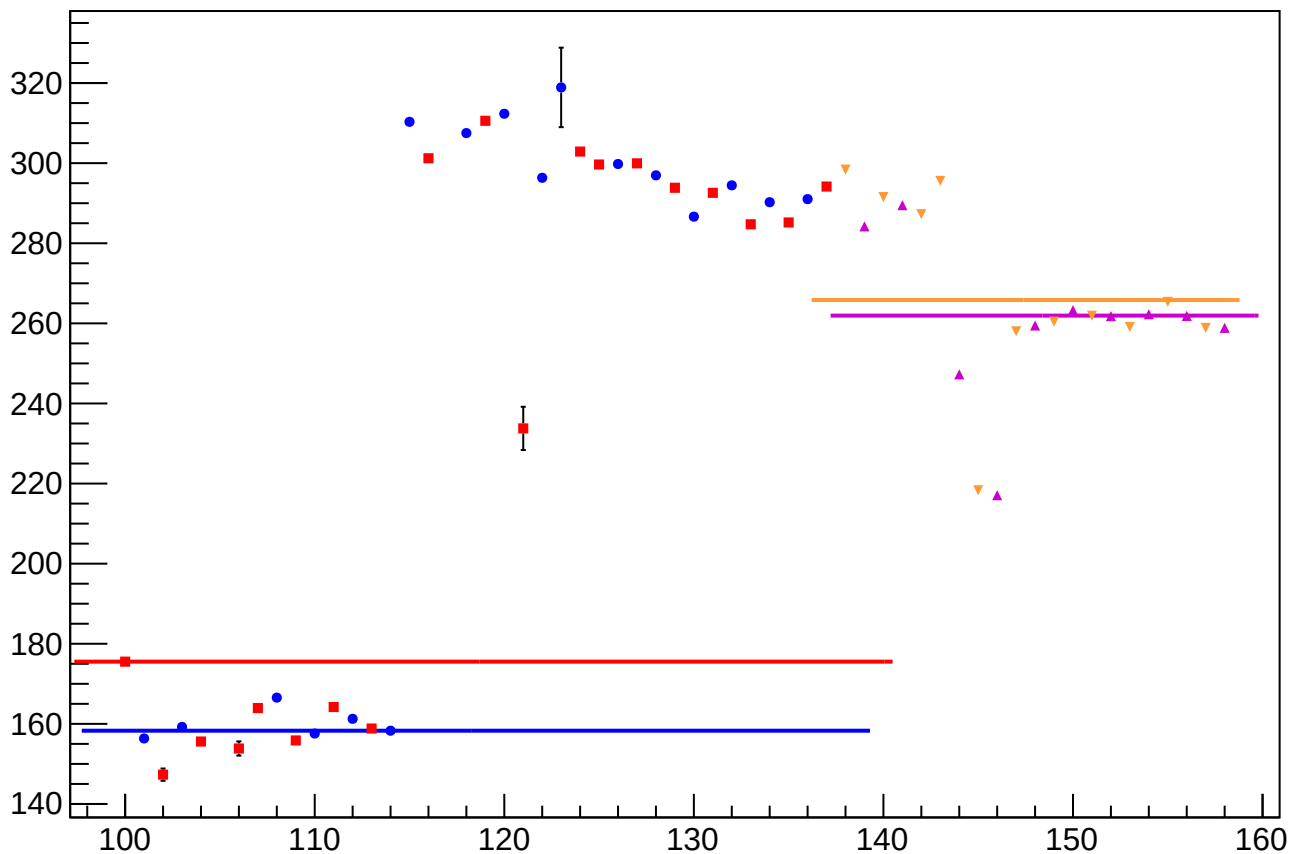
Left In: -20.161 ± 0.015 χ^2/NDF : 19224.4/9

+ sign 4.057 ± 0.000 χ^2/NDF : 2613199.2/27

All: 4.057 ± 0.000 χ^2/NDF : 6498047.8/56

- sign -20.811 ± 0.013 χ^2/NDF : 143889.8/28

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2/NDF : 2410913.3/16

Left Out: 265.824 $\pm$ 0.045 χ^2/NDF : 181495.6/10

Right Out: 175.536 $\pm$ 0.000 χ^2/NDF : 2100196.2/18

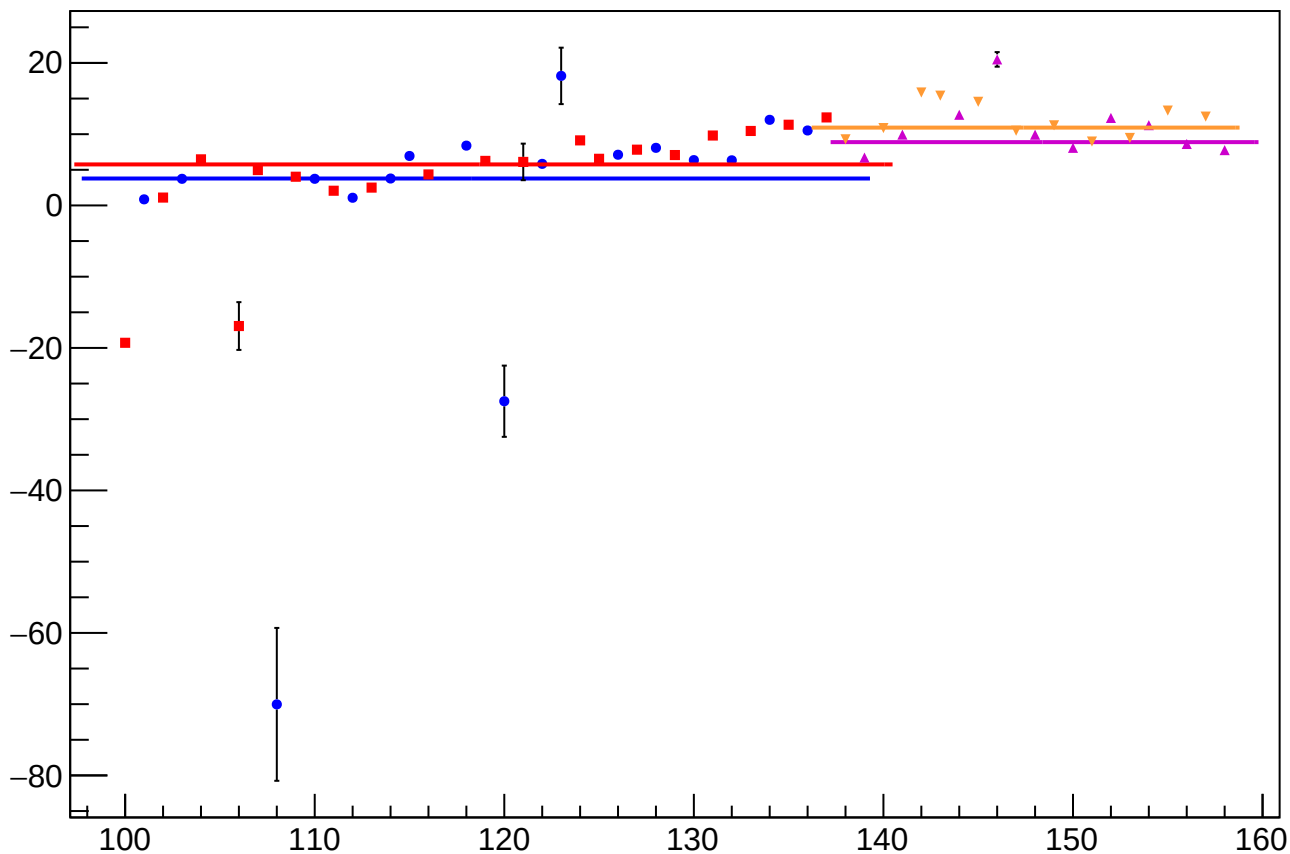
Left In: 261.934 $\pm$ 0.037 χ^2/NDF : 37611.4/9

+ sign 158.293 $\pm$ 0.000 χ^2/NDF : 8271451.3/27

All: 172.618 $\pm$ 0.000 χ^2/NDF : 373727491225

- sign 175.536 $\pm$ 0.000 χ^2/NDF : 7559002.6/28

dit_sam5_4aX_slope vs Slug



Right In: 3.778 $\pm$ 0.000 χ^2 /NDF: 6871.4/16

Left Out: 10.923 $\pm$ 0.040 χ^2 /NDF:1596.3/10

Right Out: 5.756 $\pm$ 0.026 χ^2 /NDF: 22291.6/18

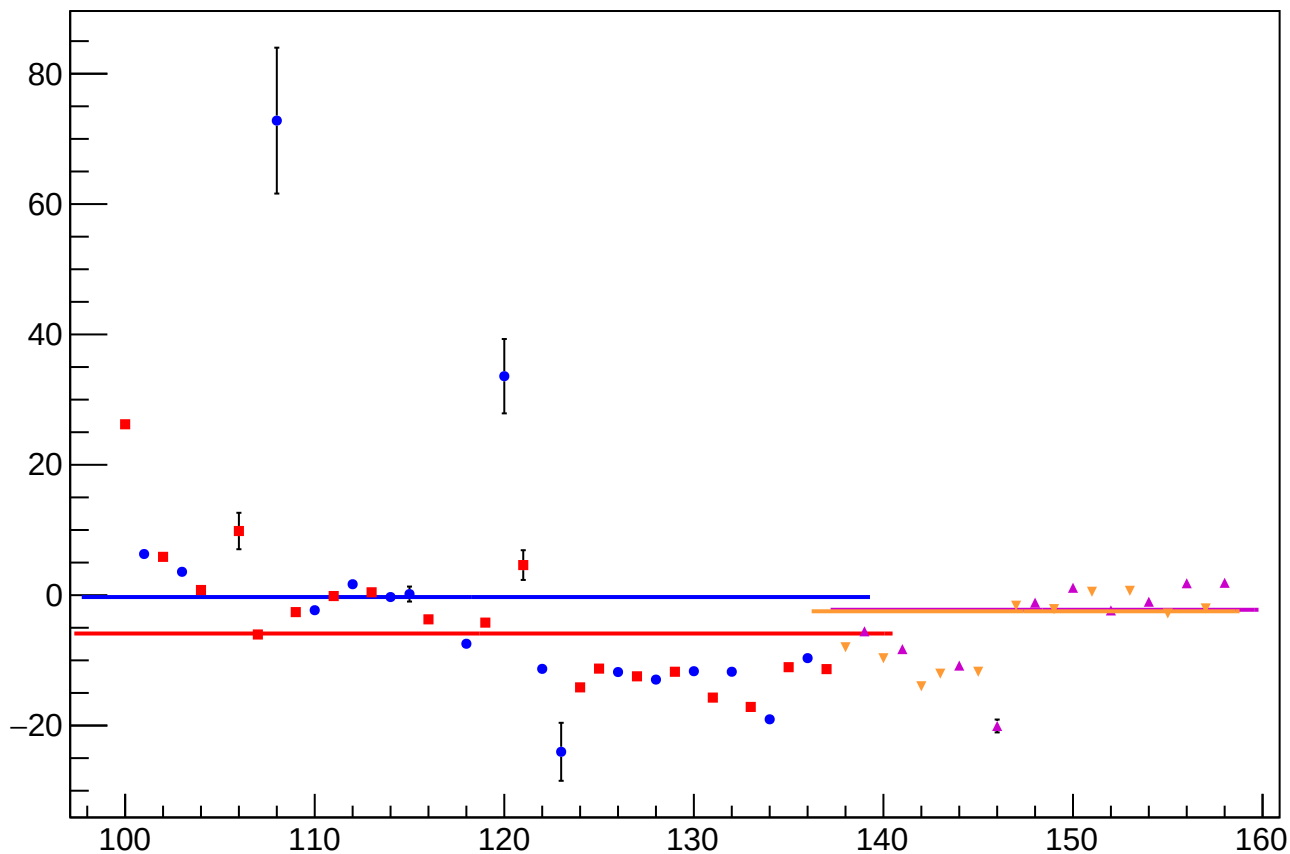
Left In: 8.884 $\pm$ 0.038 χ^2 /NDF:2282.1/9

+ sign 3.778 $\pm$ 0.000 χ^2 /NDF: 40683.5/27

All: 3.778 $\pm$ 0.000 χ^2 /NDF: 88846.9/56

- sign 6.727 $\pm$ 0.021 χ^2 /NDF: 29154.4/28

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.473 ± 0.039 χ^2/NDF : 7830.3/10

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

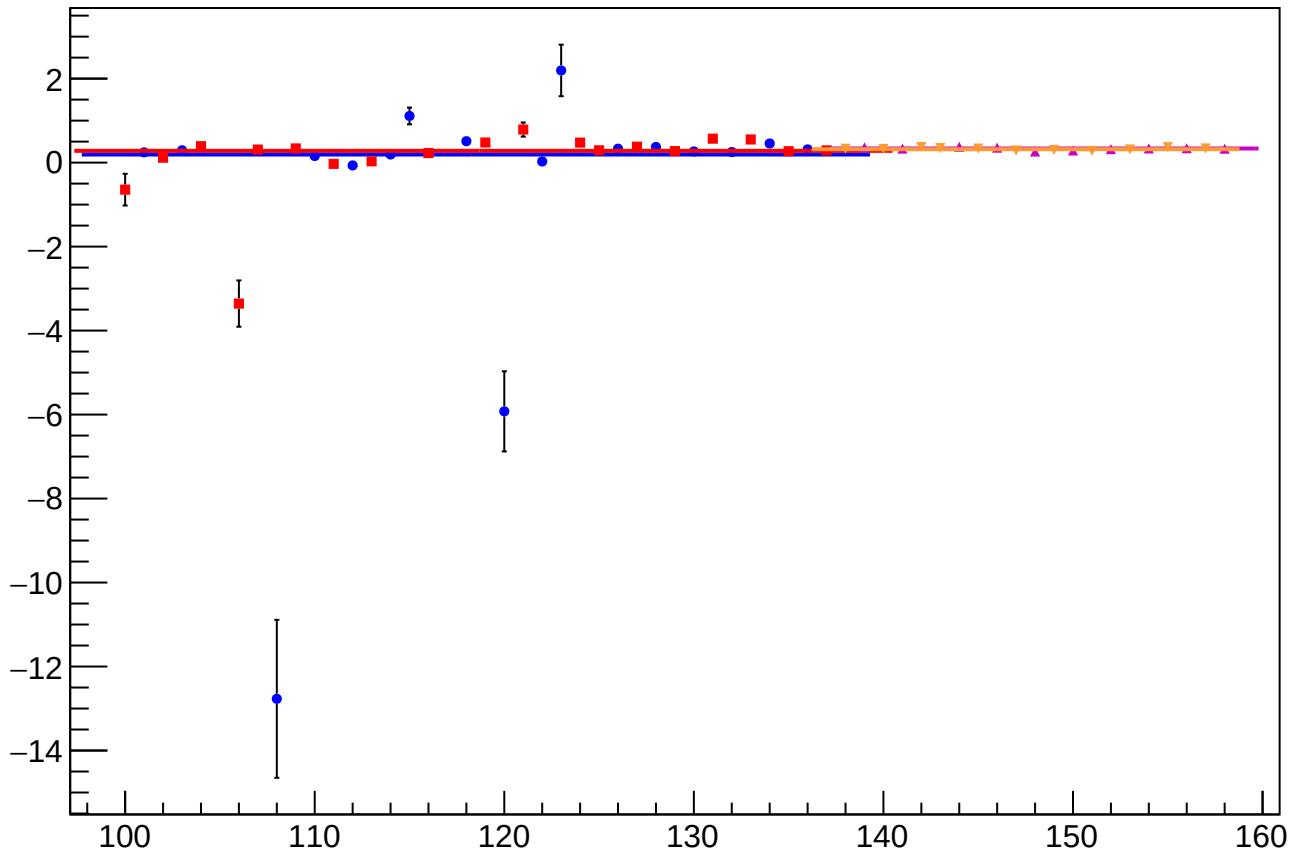
Left In: -2.240 ± 0.039 χ^2/NDF : 11327.5/9

+ sign -0.287 ± 0.000 χ^2/NDF : 55192.9/27

All: -0.287 ± 0.000 χ^2/NDF : 174827.2/56

- sign -4.685 ± 0.022 χ^2/NDF : 80709.5/28

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2/NDF : 10027.5/16

Left Out: 0.319 $\pm$ 0.001 χ^2/NDF : 1121.7/10

Right Out: 0.280 $\pm$ 0.001 χ^2/NDF : 6059.0/18

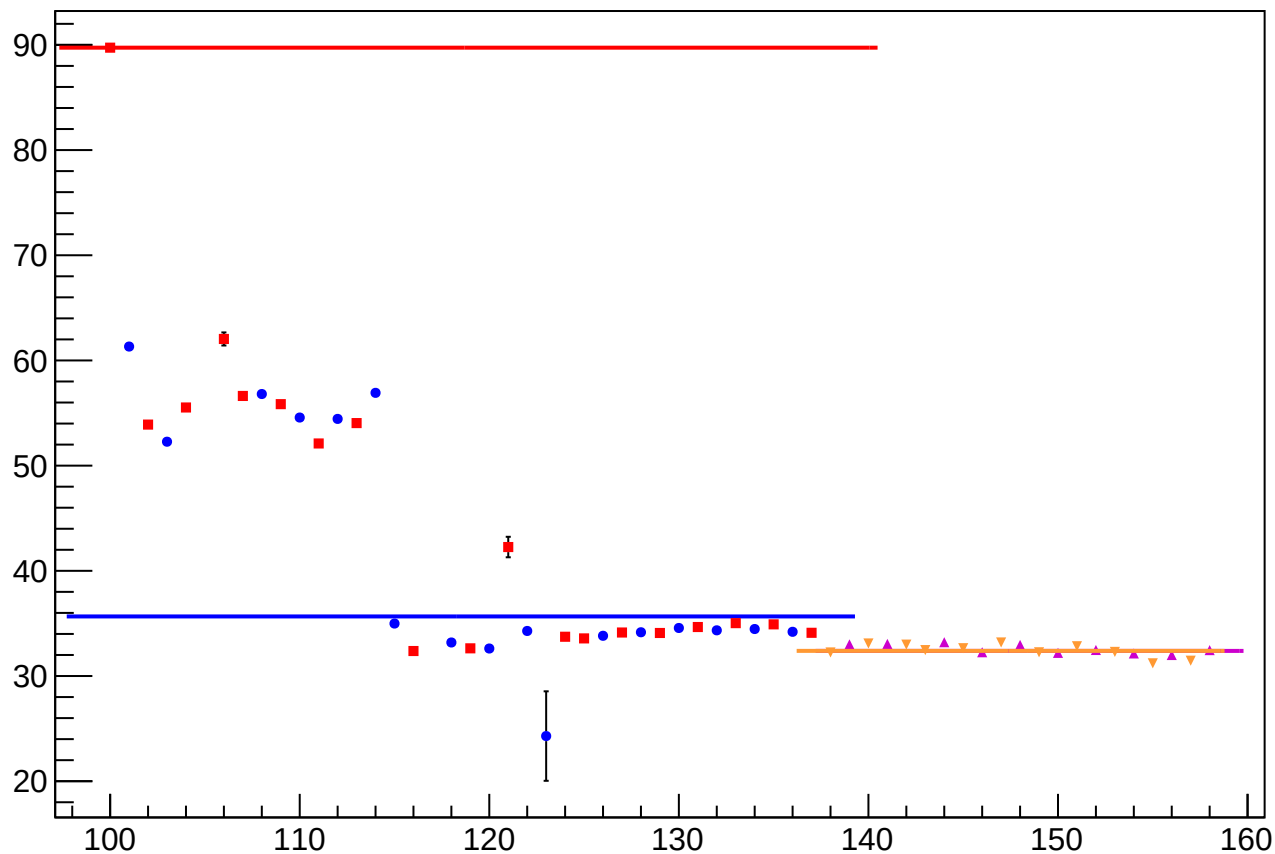
Left In: 0.336 $\pm$ 0.001 χ^2/NDF : 2133.4/9

+ sign 0.193 $\pm$ 0.000 χ^2/NDF : 39910.7/27

All: 0.193 $\pm$ 0.000 χ^2/NDF : 89455.5/56

- sign 0.325 $\pm$ 0.001 χ^2/NDF : 9321.6/28

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.391 $\pm$ 0.006 χ^2 /NDF: 2634.5/10

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

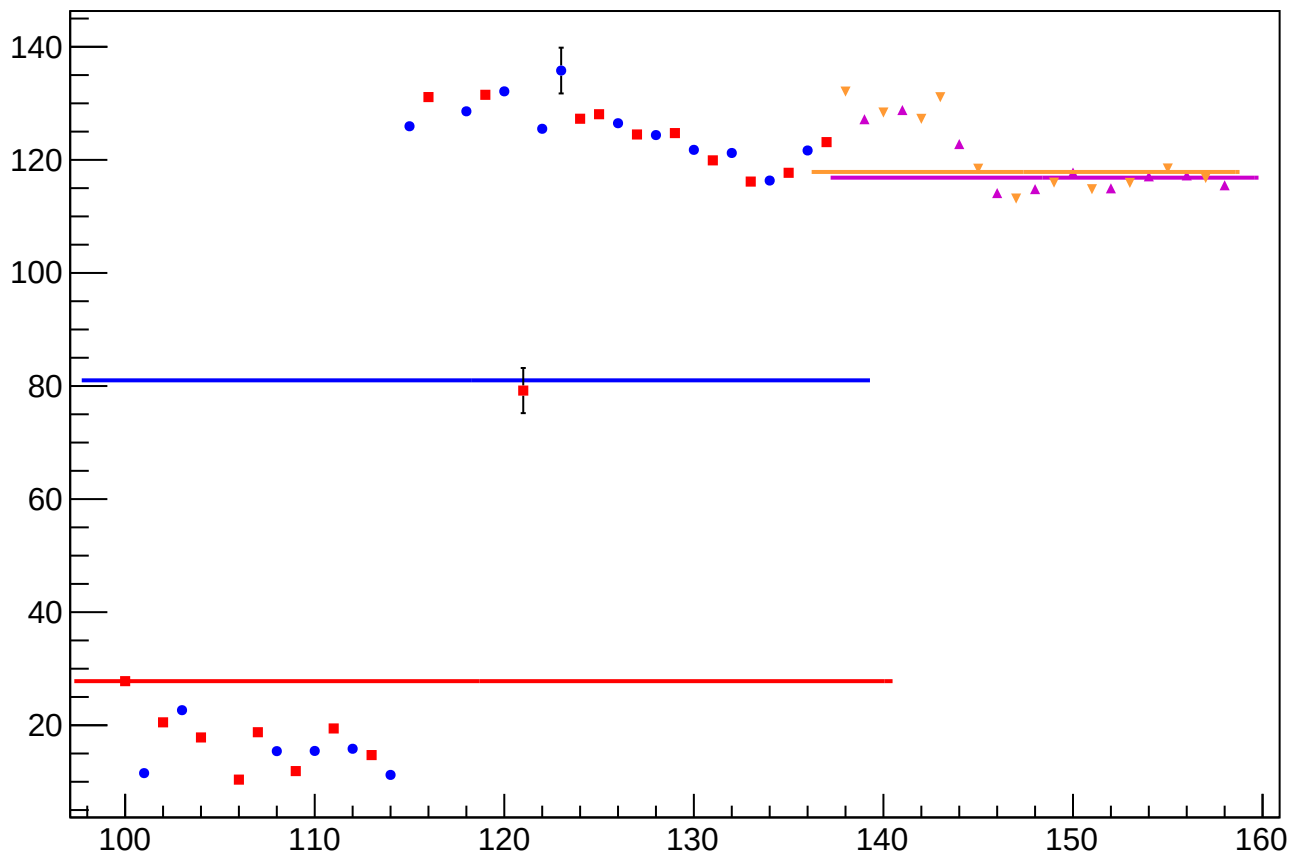
Left In: 32.387 $\pm$ 0.005 χ^2 /NDF: 3828.1/9

+ sign 33.111 $\pm$ 0.005 χ^2 /NDF: 285985.3/27

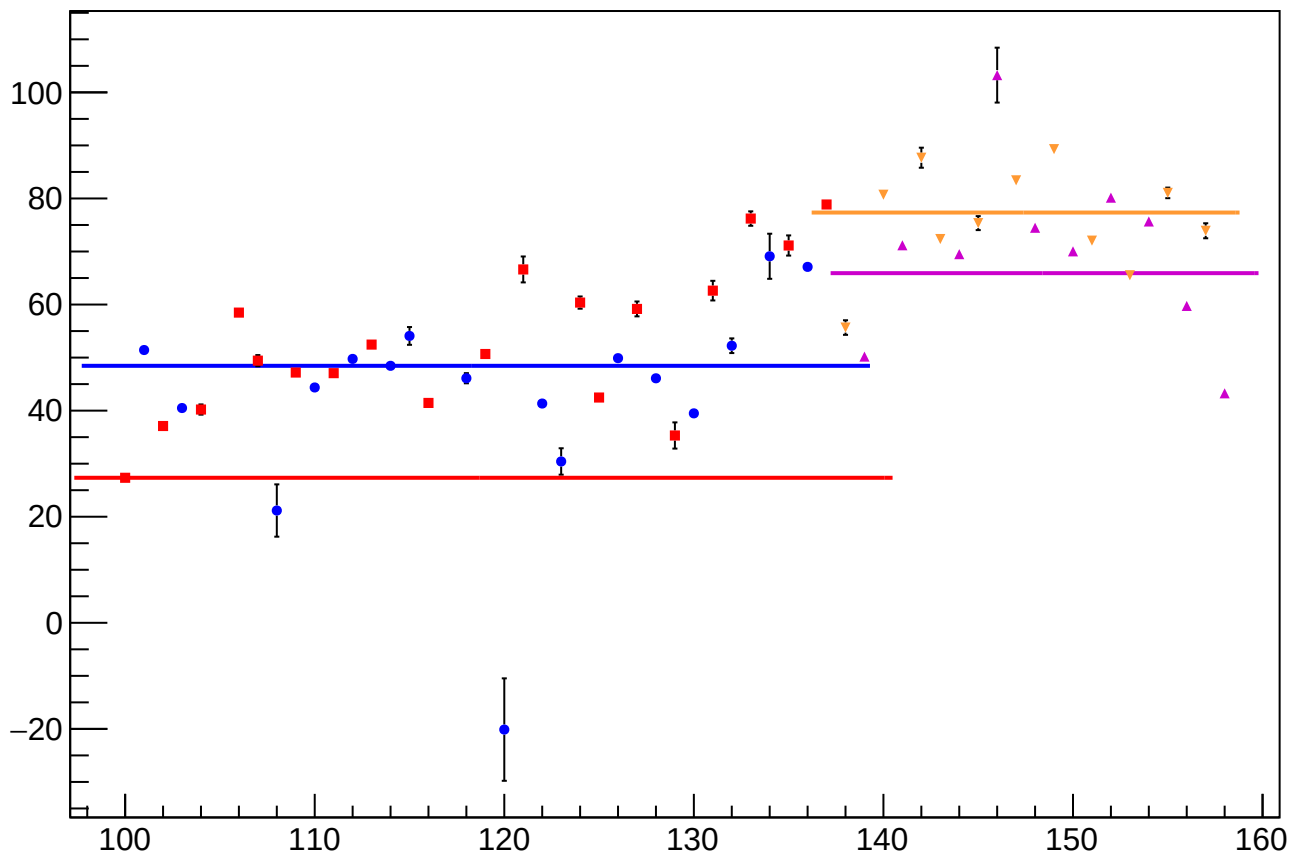
All: 89.735 $\pm$ 0.000 χ^2 /NDF: 299145376.8/56

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 186062394.1/28

dit_sam5_4eY_slope vs Slug



dit_sam6_4aX_slope vs Slug



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 77.346 $\pm$ 0.257 χ^2 /NDF:1019.4/10

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

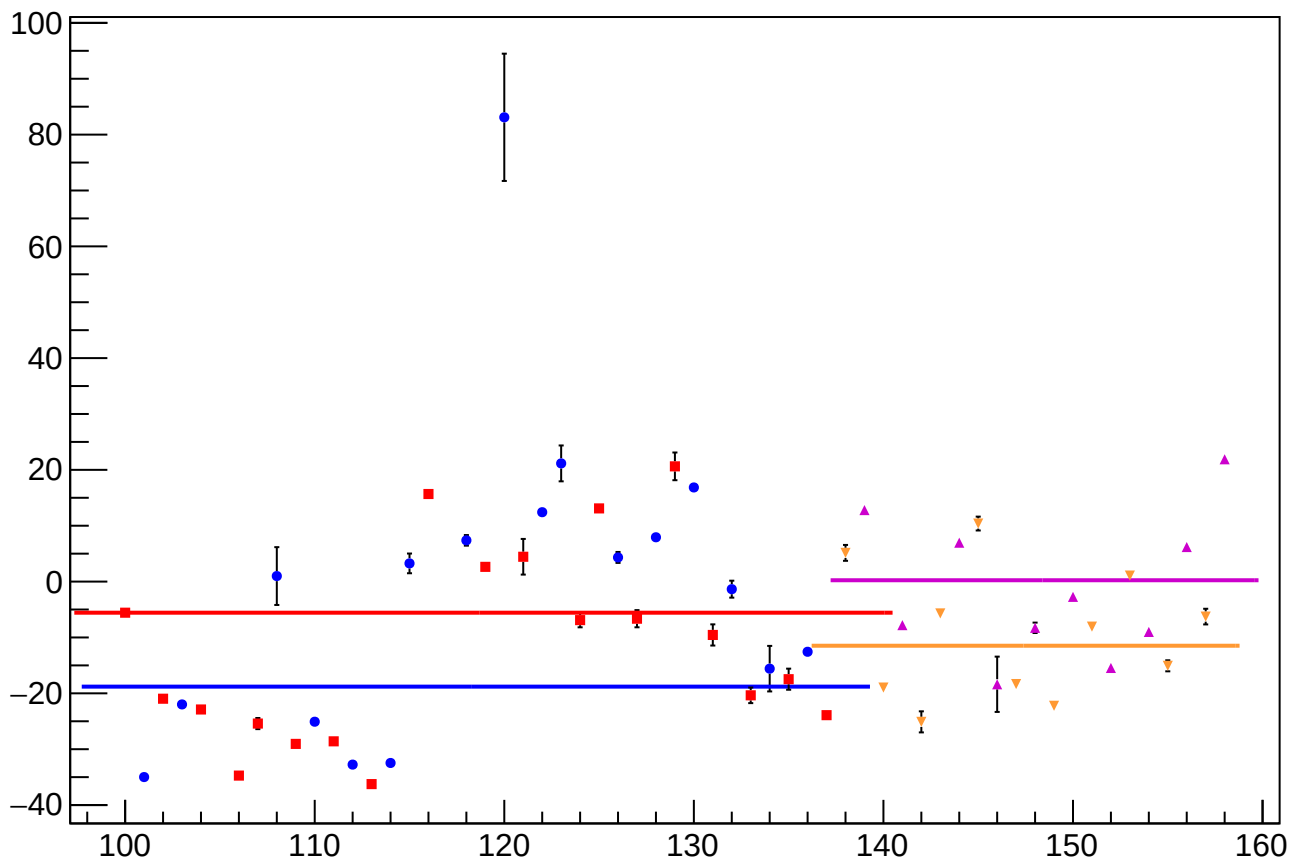
Left In: 65.918 $\pm$ 0.191 χ^2 /NDF:3741.6/9

+ sign 48.450 $\pm$ 0.000 χ^2 /NDF: 16381.4/27

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 102629010488

- sign 27.342 $\pm$ 0.000 χ^2 /NDF: 70515.7/28

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: -11.479 ± 0.254 χ^2/NDF : 1305.6/10

Right Out: -5.568 ± 0.000 χ^2/NDF : 23097.3/18

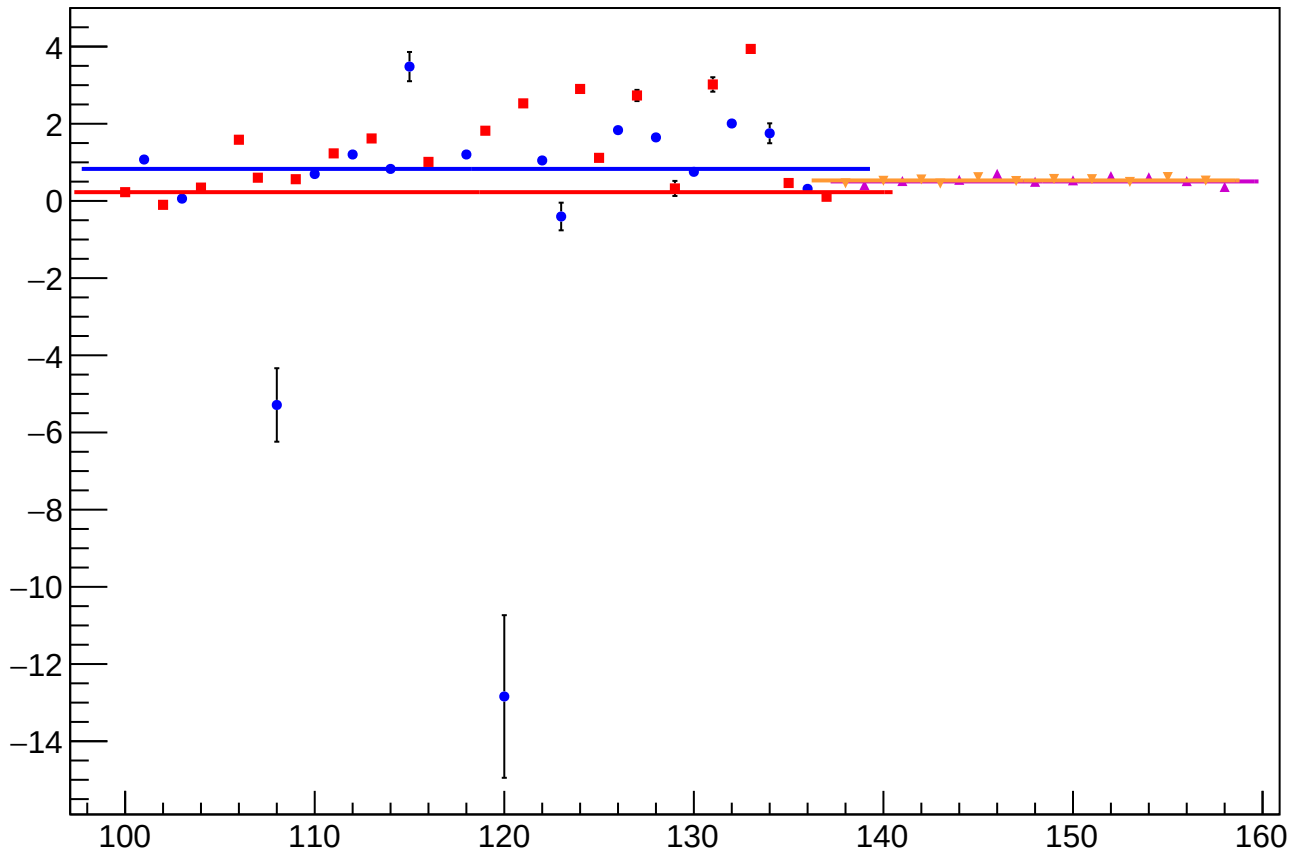
Left In: 0.240 ± 0.188 χ^2/NDF : 3368.5/9

+ sign -16.934 ± 0.128 χ^2/NDF : 13690.3/27

All: -5.568 ± 0.000 χ^2/NDF : 48974.5/56

- sign -5.568 ± 0.000 χ^2/NDF : 27415.2/28

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 $\pm$ 0.000 χ^2 /NDF: 14882.7/16

Left Out: 0.531 $\pm$ 0.002 χ^2 /NDF: 930.5/10

Right Out: 0.227 $\pm$ 0.000 χ^2 /NDF: 11819.9/18

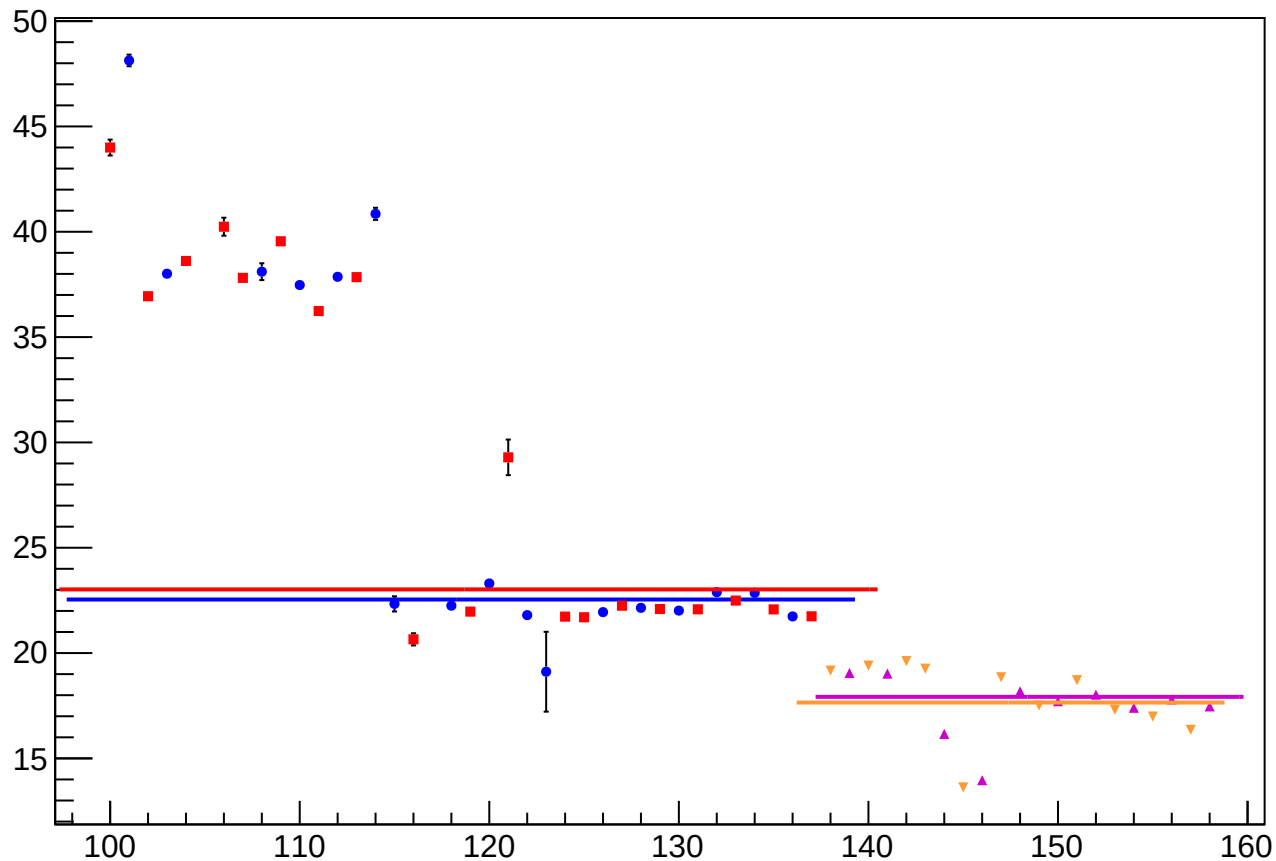
Left In: 0.505 $\pm$ 0.001 χ^2 /NDF: 5891.5/9

+ sign 0.830 $\pm$ 0.000 χ^2 /NDF: 48741.0/27

All: 0.289 $\pm$ 0.000 χ^2 /NDF: 29066082561457

- sign 0.227 $\pm$ 0.000 χ^2 /NDF: 59941.2/28

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF : 105452.8/16

Left Out: 17.651+/-0.008 χ^2/NDF : 69641.3/10

Right Out: 23.023+/-0.009 χ^2/NDF : 165838.0/18

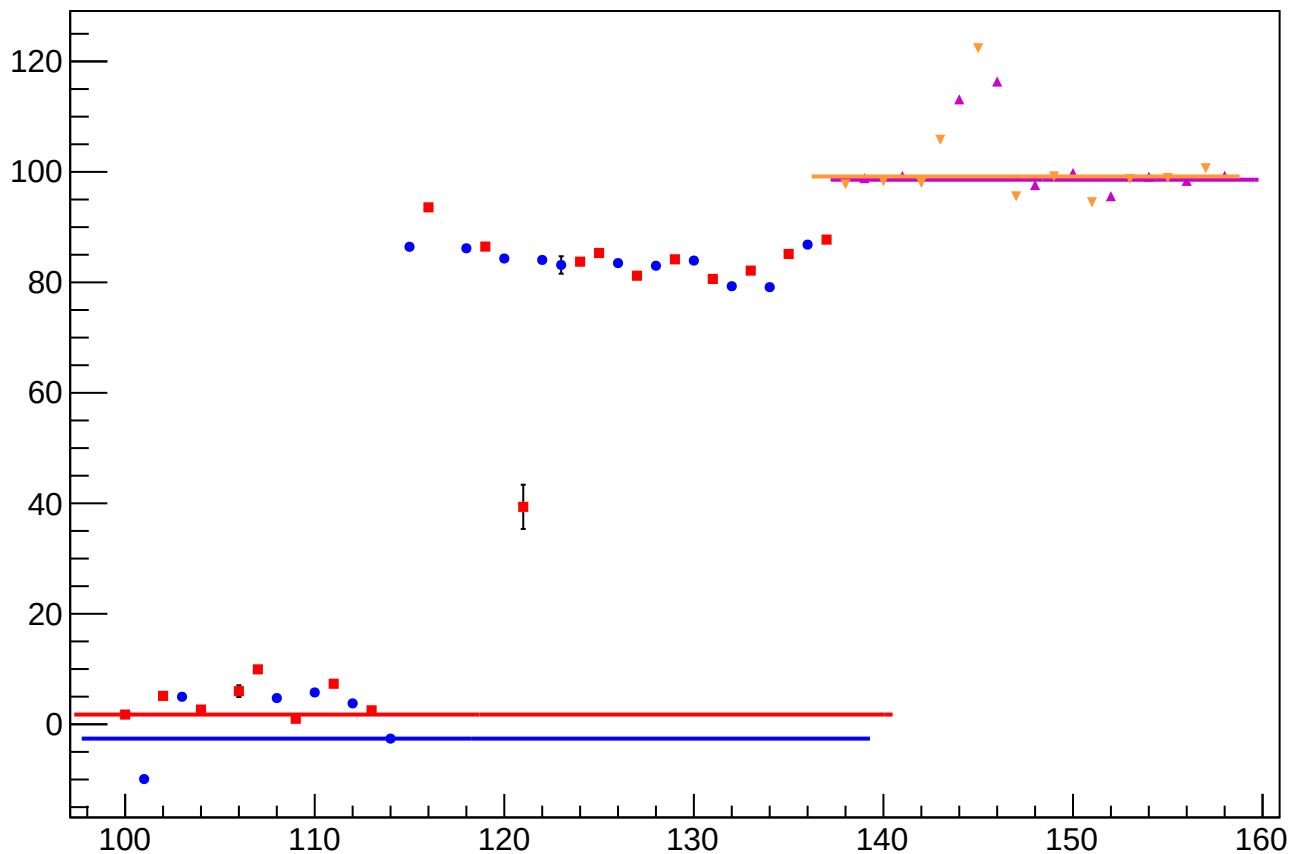
Left In: 17.922+/-0.008 χ^2/NDF : 10777.6/9

+ sign 19.780+/-0.006 χ^2/NDF : 331015.1/27

All: 19.982+/-0.004 χ^2/NDF : 687212.9/56

- sign 20.176+/-0.006 χ^2/NDF : 354080.5/28

dit_sam6_4eY_slope vs Slug



Right In: -2.596 ± 0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.171 ± 0.015 χ^2/NDF : 68045.6/10

Right Out: 1.758 ± 0.000 χ^2/NDF : 4230949.4/18

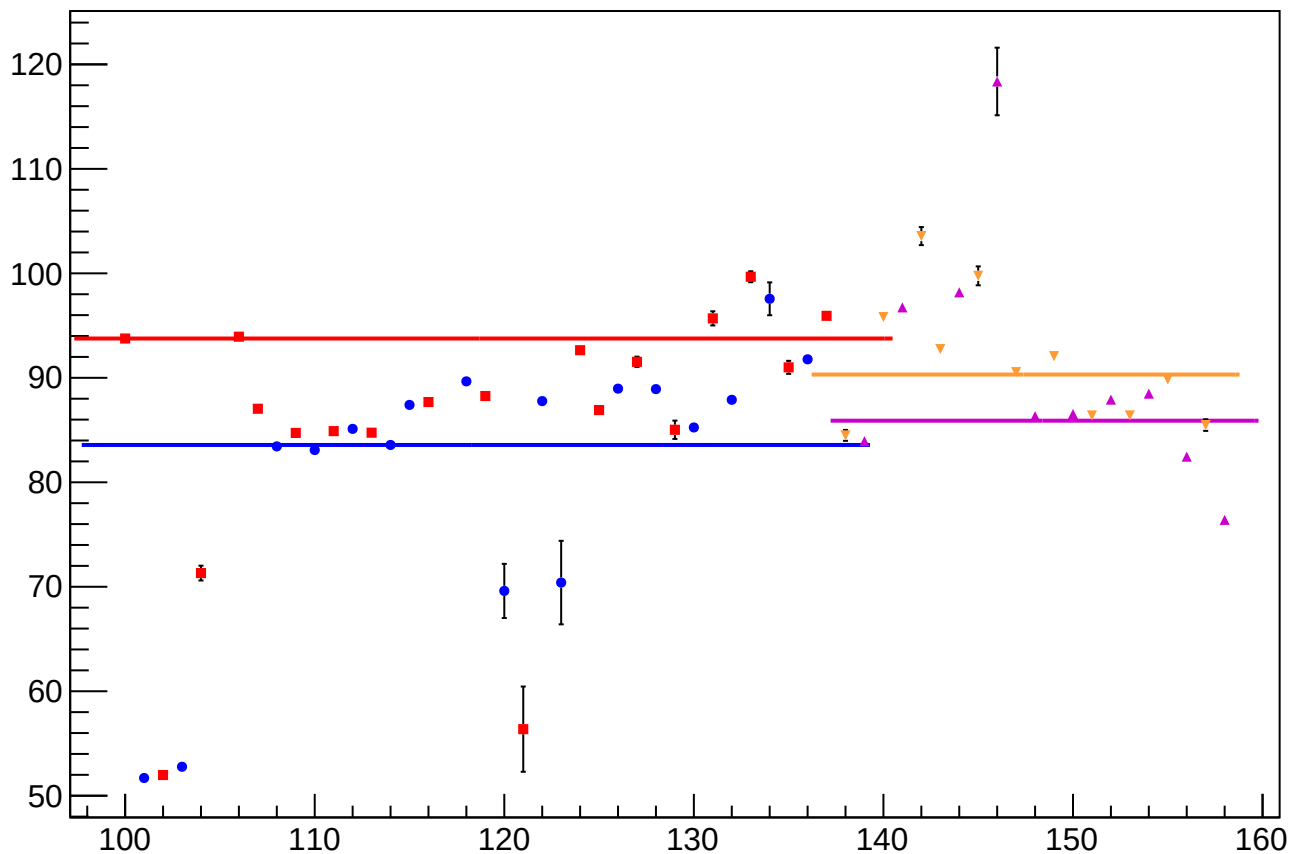
Left In: 98.585 ± 0.014 χ^2/NDF : 16308.9/9

+ sign -2.596 ± 0.000 χ^2/NDF : 53224613.2/27

All: -1.059 ± 0.000 χ^2/NDF : 3731791751577

- sign 1.758 ± 0.000 χ^2/NDF : 51799326.7/28

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2 /NDF: 49468.0/16

Left Out: 90.312+/-0.102 χ^2 /NDF:1437.2/10

Right Out: 93.762+/-0.000 χ^2 /NDF: 82848.8/18

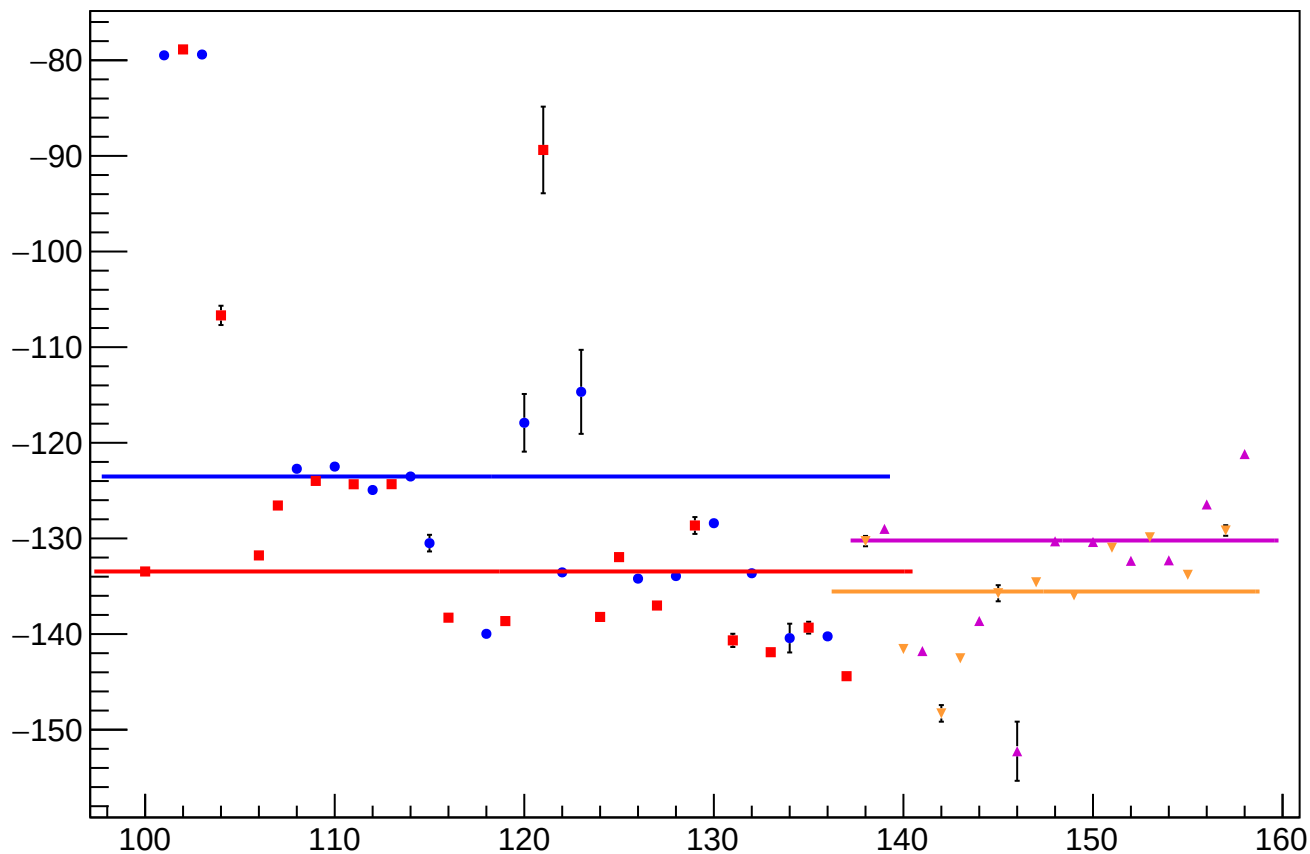
Left In: 85.895+/-0.071 χ^2 /NDF:5467.4/9

+ sign 83.573+/-0.000 χ^2 /NDF: 55279.0/27

All: 87.169+/-0.000 χ^2 /NDF: 1995684404141

- sign 93.762+/-0.000 χ^2 /NDF: 100628.8/28

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 χ^2/NDF : 160356.5/16

Left Out: -135.550 ± 0.101 χ^2/NDF : 2379.2/10

Right Out: -133.456 ± 0.000 χ^2/NDF : 394896.3/18

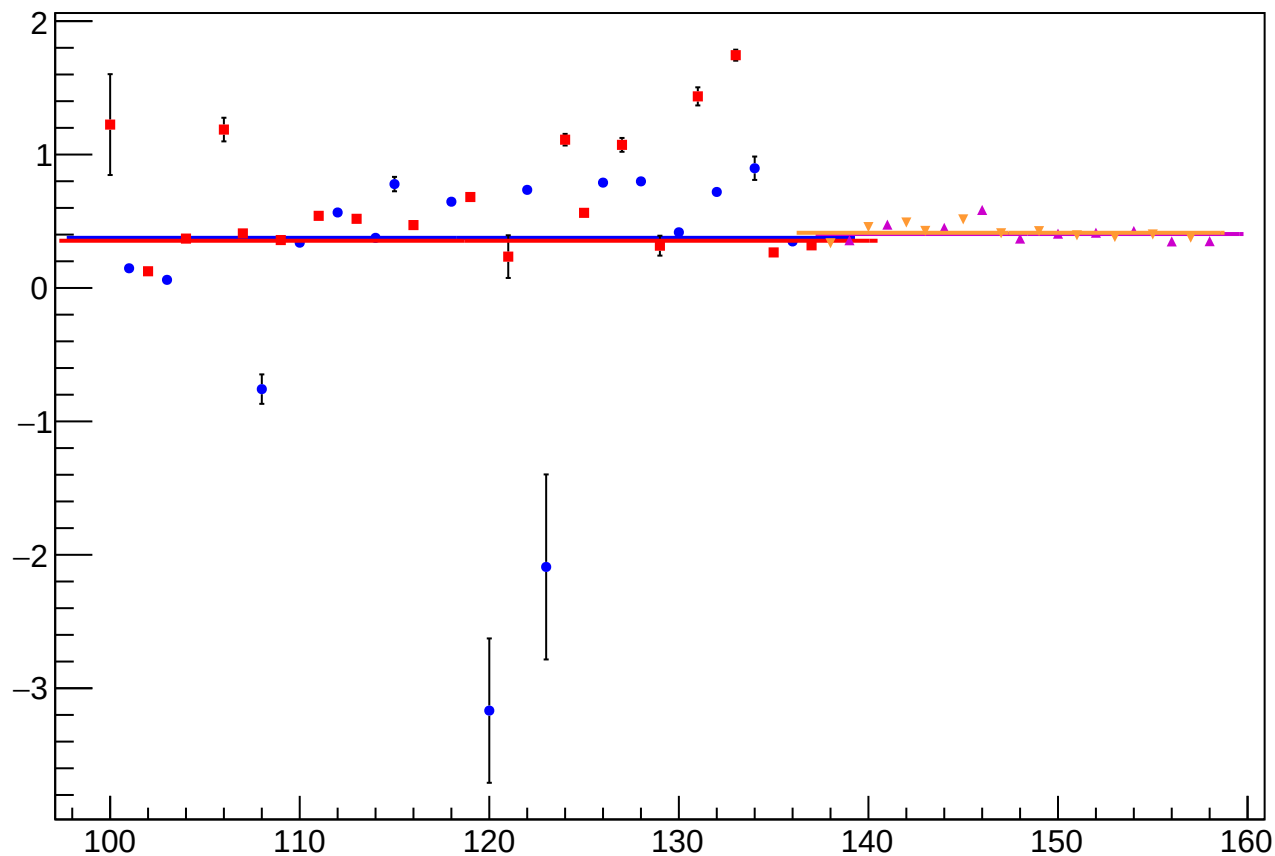
Left In: -130.217 ± 0.070 χ^2/NDF : 4649.9/9

+ sign -123.524 ± 0.000 χ^2/NDF : 176786.6/27

All: -124.716 ± 0.000 χ^2/NDF : 64467869901

- sign -133.456 ± 0.000 χ^2/NDF : 401704.8/28

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 ± 0.000 χ^2/NDF : 3961.7/16

Left Out: 0.414 ± 0.001 χ^2/NDF : 1162.4/10

Right Out: 0.354 ± 0.002 χ^2/NDF : 4592.7/18

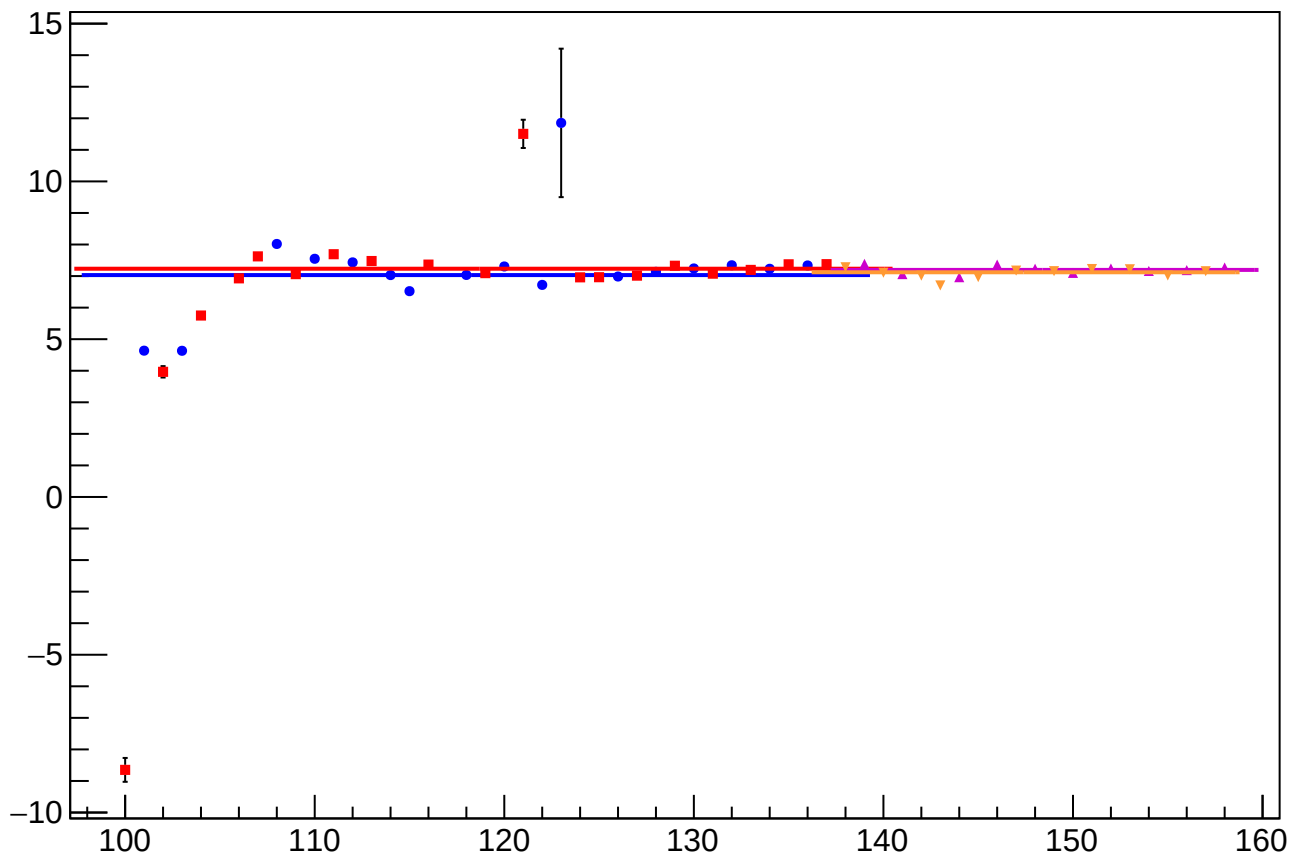
Left In: 0.404 ± 0.001 χ^2/NDF : 5417.7/9

+ sign 0.376 ± 0.000 χ^2/NDF : 7610.5/27

All: 0.376 ± 0.000 χ^2/NDF : 20462.5/56

- sign 0.398 ± 0.001 χ^2/NDF : 10987.0/28

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.121 $\pm$ 0.001 χ^2 /NDF: 14254.1/10

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

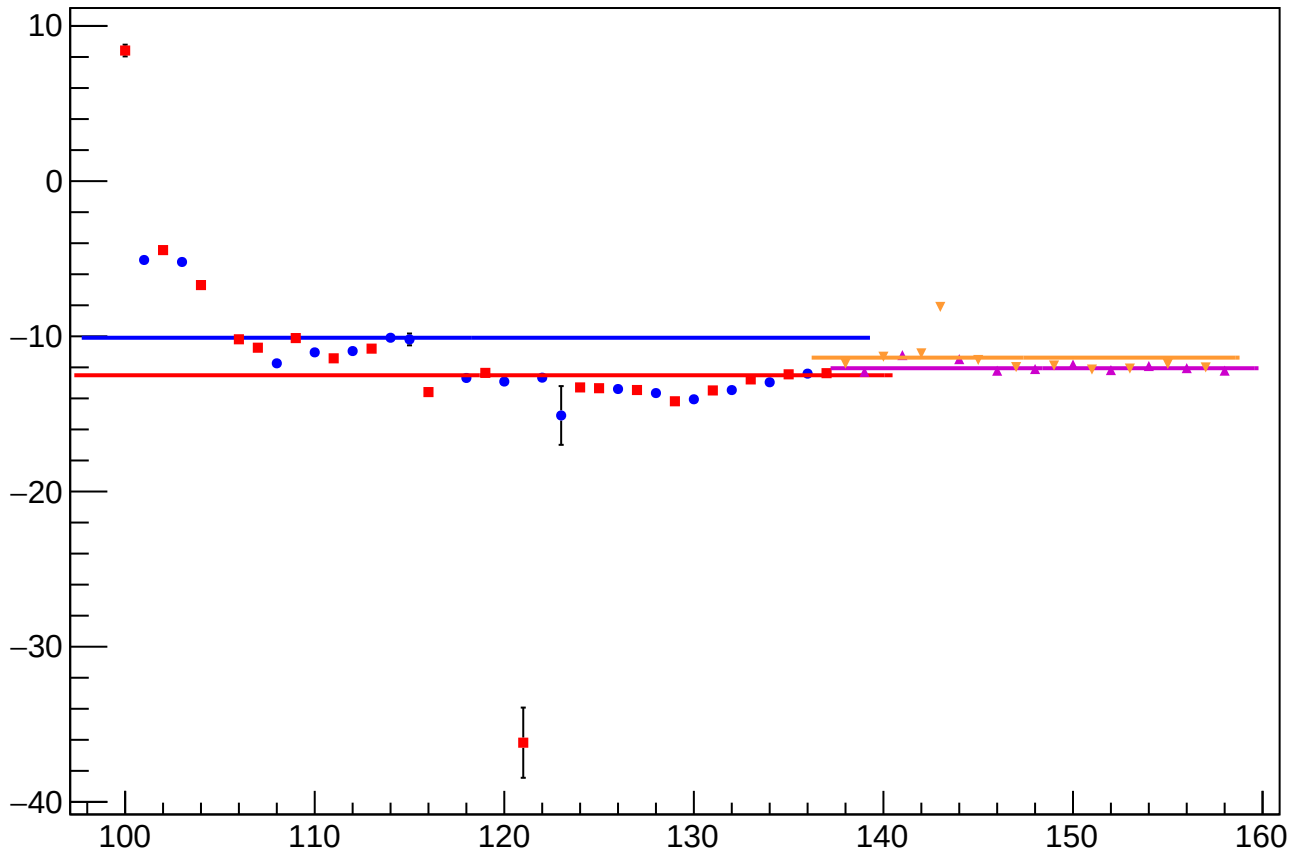
Left In: 7.195 $\pm$ 0.001 χ^2 /NDF: 9017.2/9

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 38698.1/27

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 88345.2/56

- sign 7.202 $\pm$ 0.001 χ^2 /NDF: 19287.3/28

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.373 ± 0.002 χ^2/NDF : 359321.1/10

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

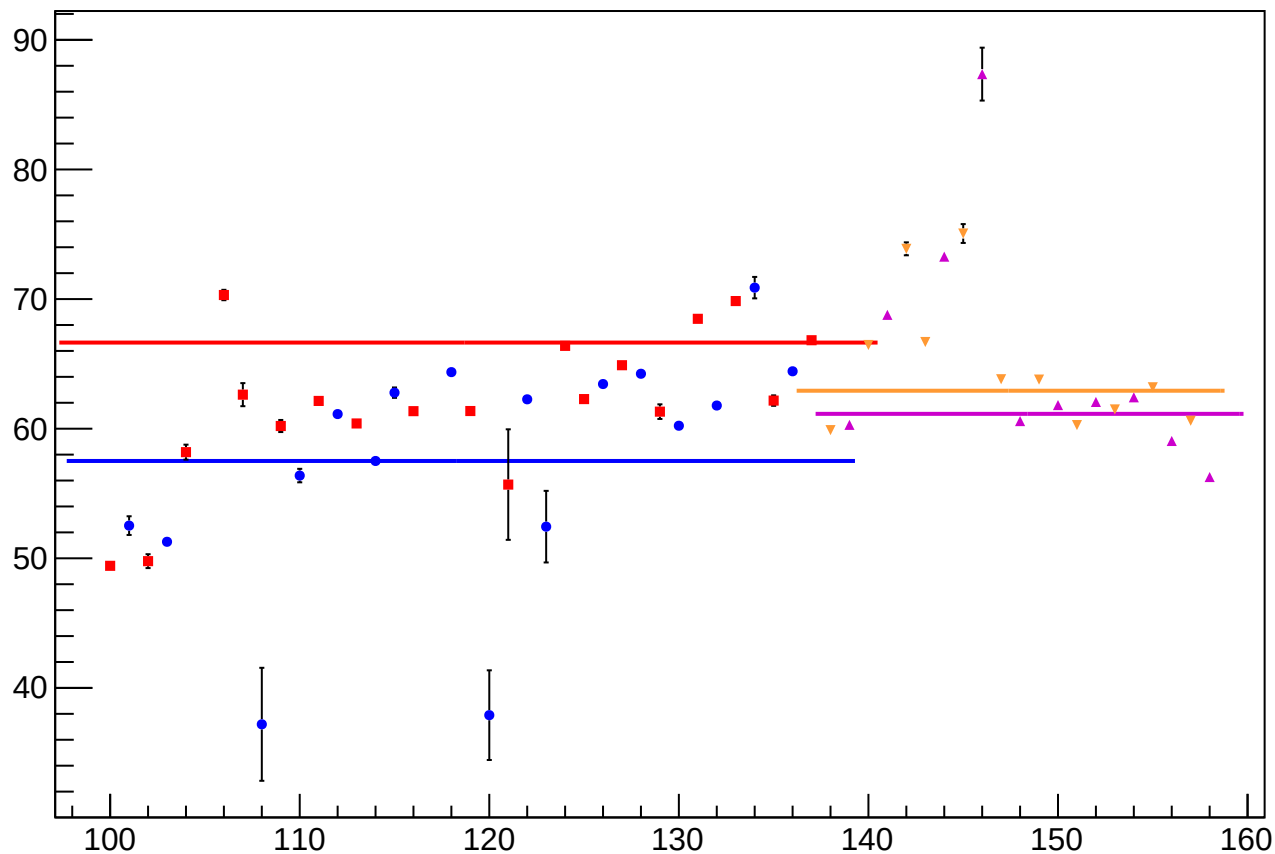
Left In: -12.055 ± 0.002 χ^2/NDF : 14602.5/9

+ sign -10.092 ± 0.000 χ^2/NDF : 1197751.2/27

All: -10.092 ± 0.000 χ^2/NDF : 2694905.7/56

- sign -12.156 ± 0.002 χ^2/NDF : 129498.4/28

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 62.930 $\pm$ 0.059 χ^2 /NDF:2359.4/10

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

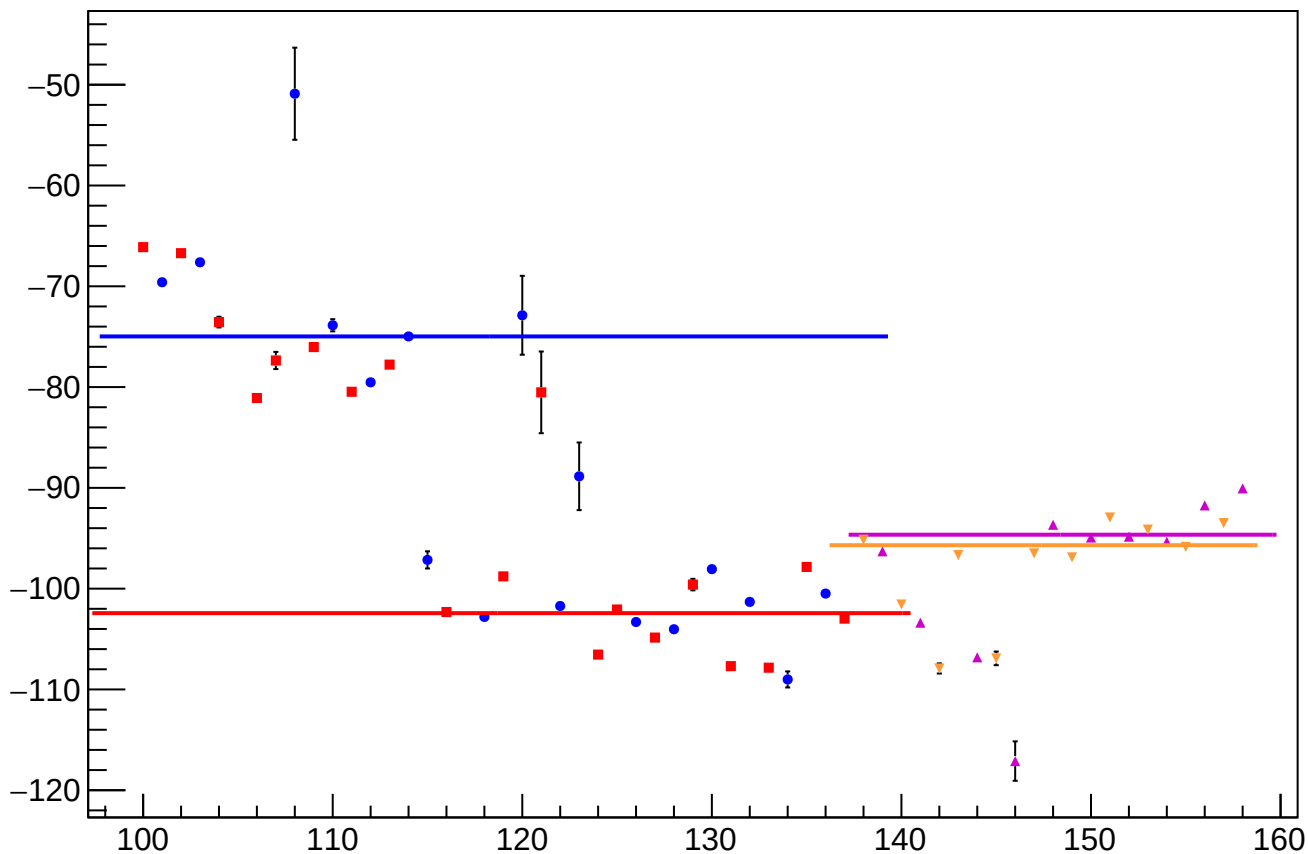
Left In: 61.145 $\pm$ 0.043 χ^2 /NDF:4991.1/9

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 18772.6/27

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 527190.2/56

- sign 66.182 $\pm$ 0.013 χ^2 /NDF: 28028.4/28

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -95.690 ± 0.060 $\chi^2/\text{NDF}: 2358.4/10$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

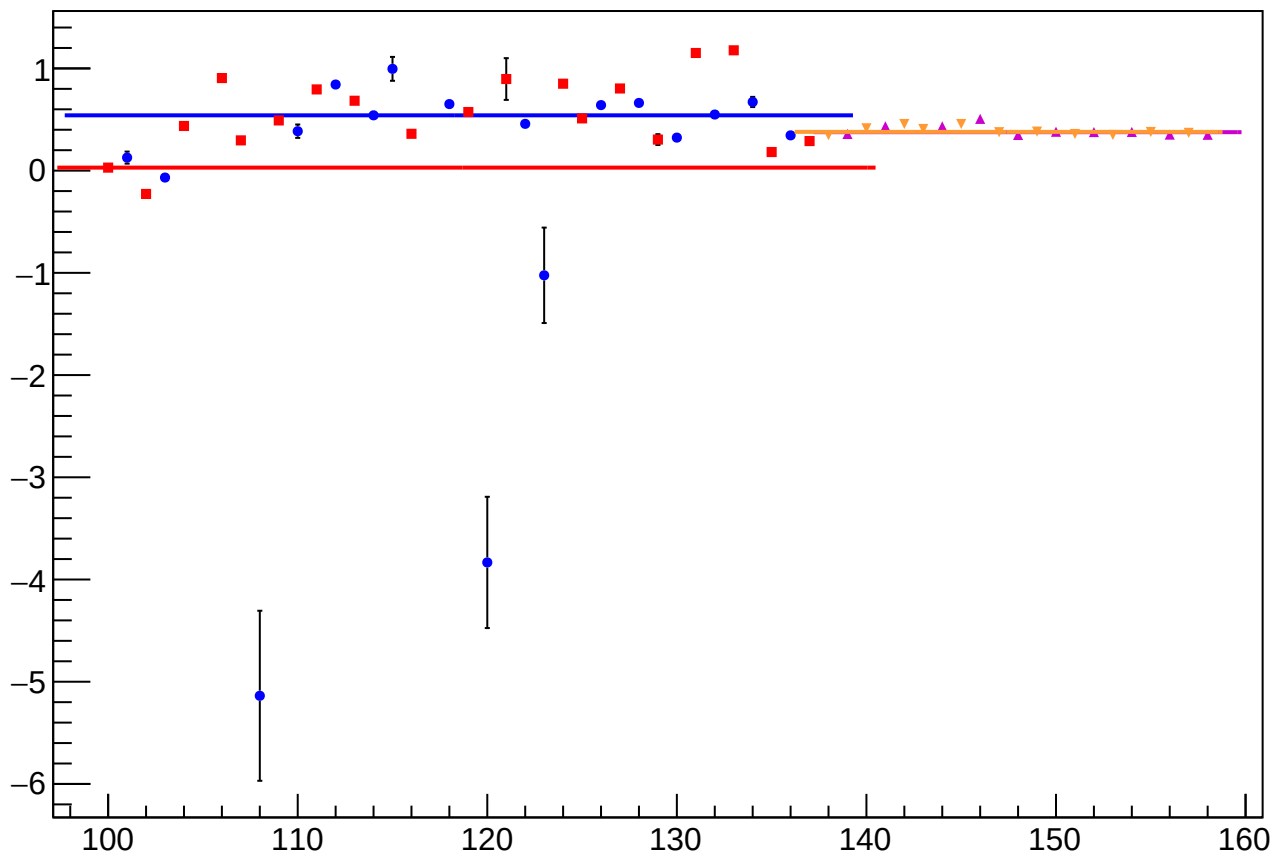
Left In: -94.648 ± 0.044 $\chi^2/\text{NDF}: 5365.4/9$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 251718.0/27$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2885108.2/56$

- sign -101.324 ± 0.016 $\chi^2/\text{NDF}: 82863.4/28$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.379 ± 0.001 χ^2/NDF : 1347.5/10

Right Out: 0.030 ± 0.000 χ^2/NDF : 121659.5/18

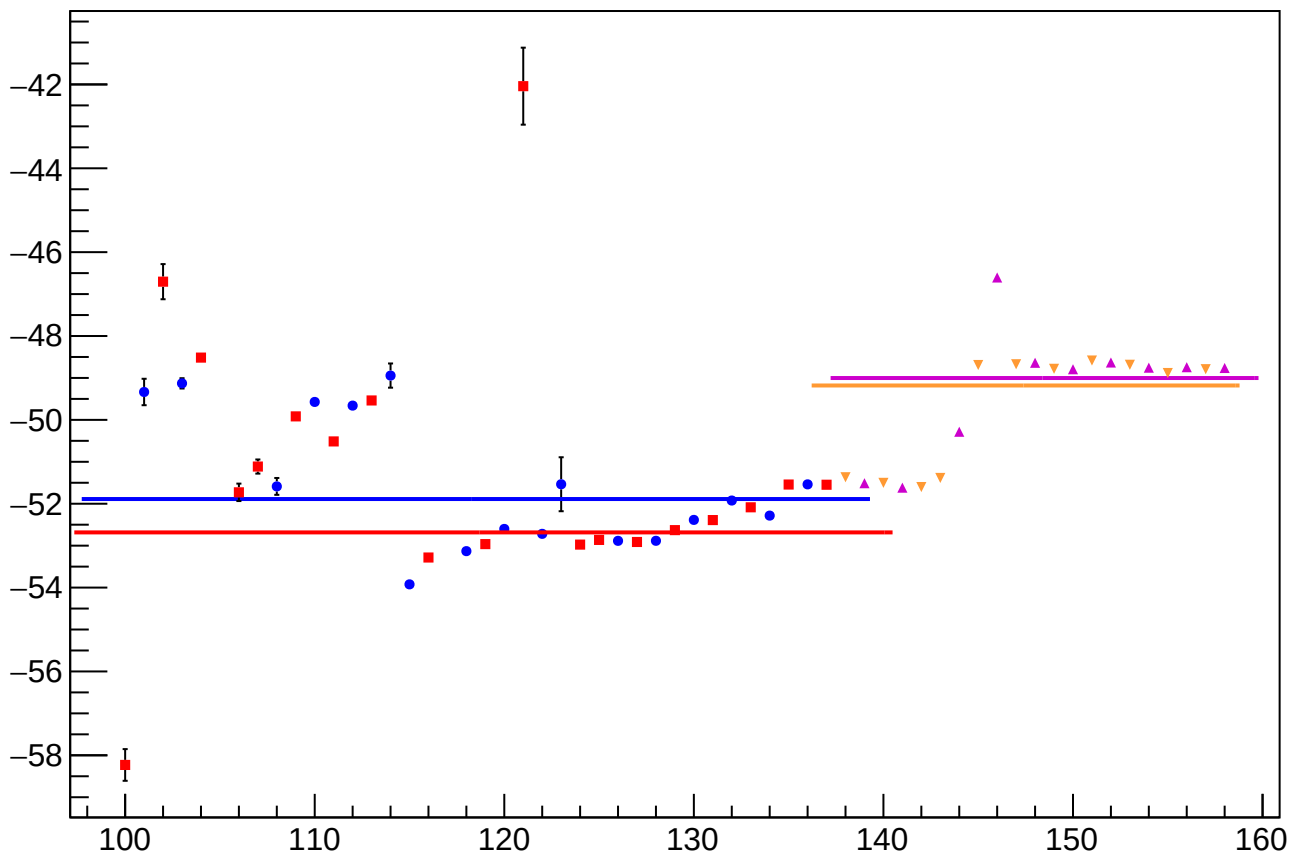
Left In: 0.376 ± 0.000 χ^2/NDF : 4019.3/9

+ sign 0.541 ± 0.000 χ^2/NDF : 114673.1/27

All: 0.030 ± 0.000 χ^2/NDF : 23314297700963

- sign 0.030 ± 0.000 χ^2/NDF : 903366.6/28

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -49.180 ± 0.002 χ^2/NDF : 319410.8/10

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

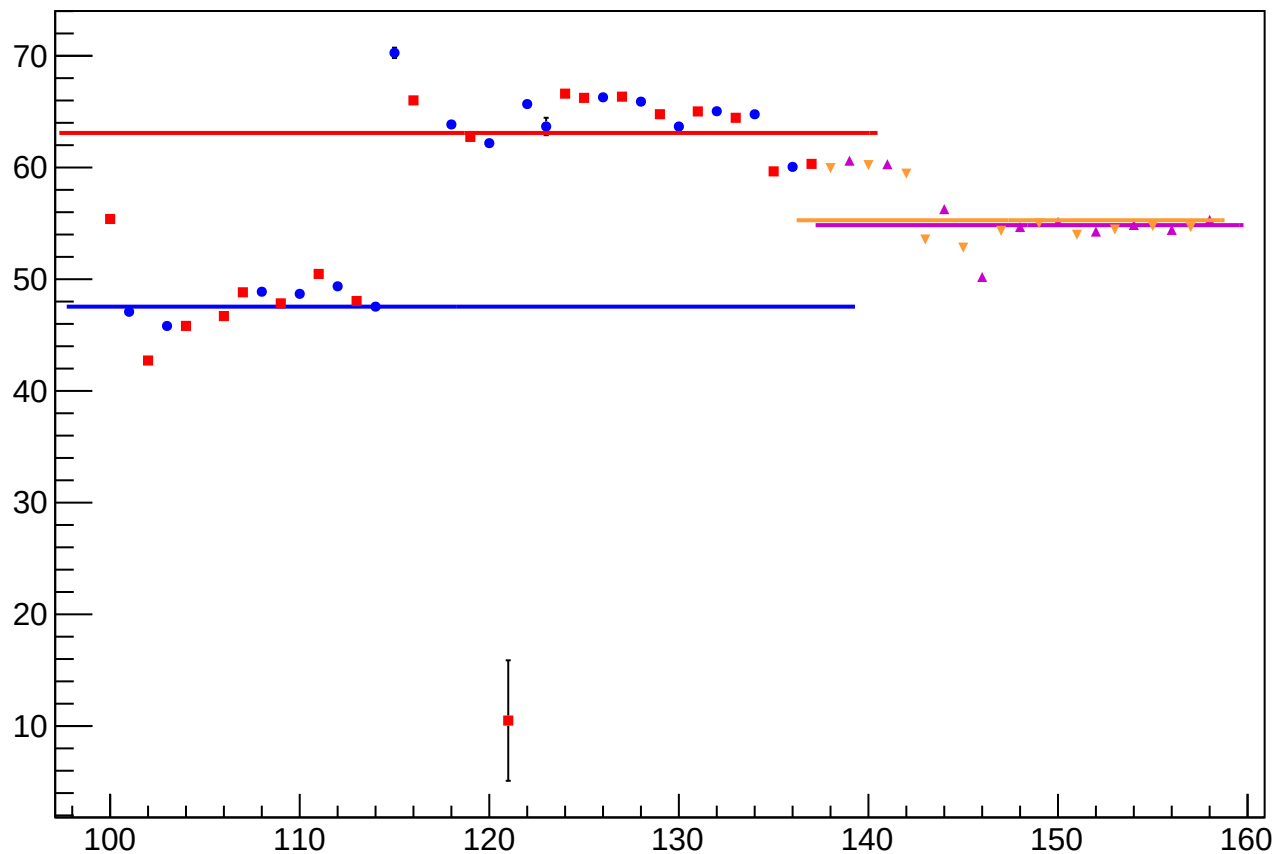
Left In: -49.002 ± 0.001 χ^2/NDF : 502777.3/9

+ sign -50.249 ± 0.001 χ^2/NDF : 1290892.4/27

All: -49.900 ± 0.001 χ^2/NDF : 3636125.5/56

- sign -49.684 ± 0.001 χ^2/NDF : 2244665.5/28

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 55.279 $\pm$ 0.004 χ^2 /NDF: 222247.3/10

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

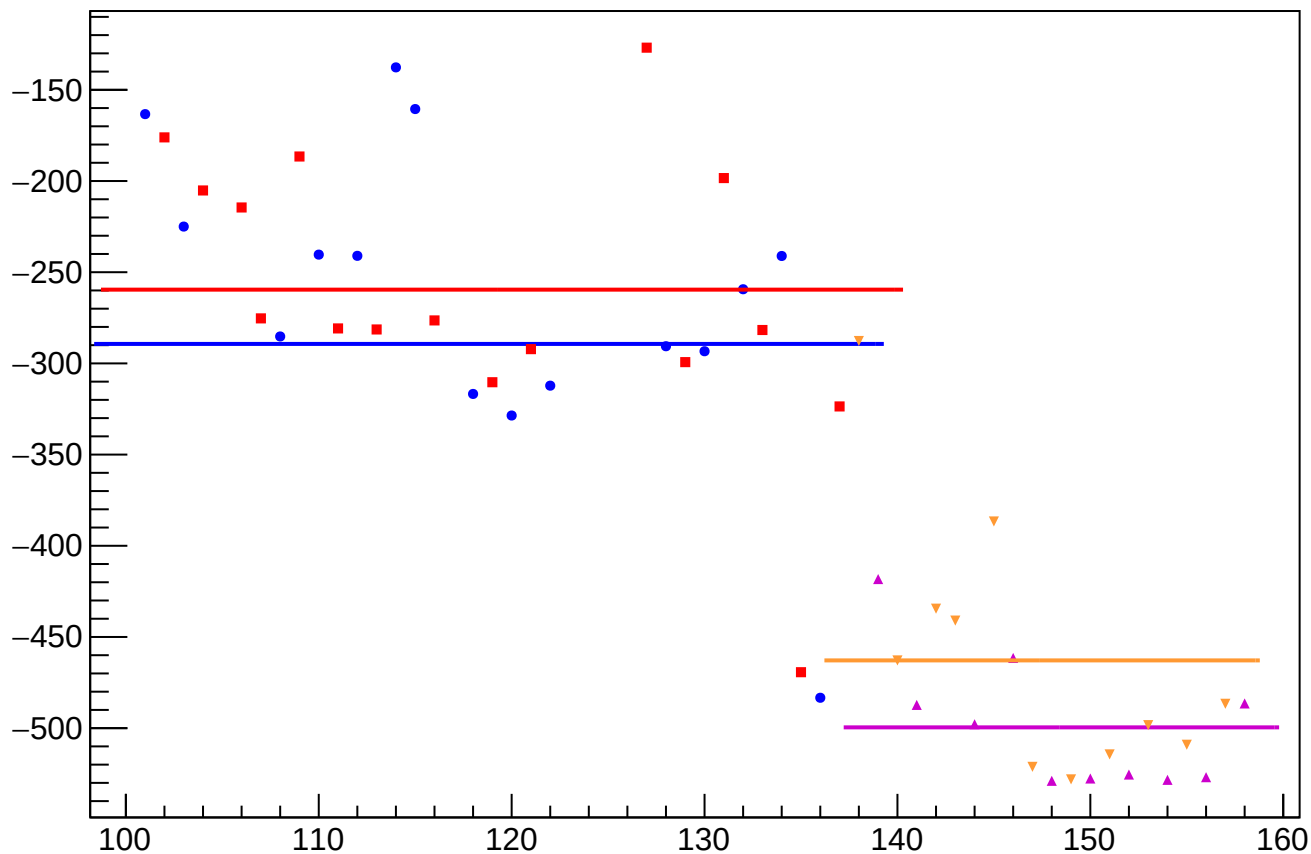
Left In: 54.843 $\pm$ 0.003 χ^2 /NDF: 80320.2/9

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 7014673.6/27

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 17895615.5/56

- sign 55.953 $\pm$ 0.003 χ^2 /NDF: 1469339.9/28

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -462.846+/-0.000 χ^2/NDF : 4081777201152101907253995007614386176.0/10

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

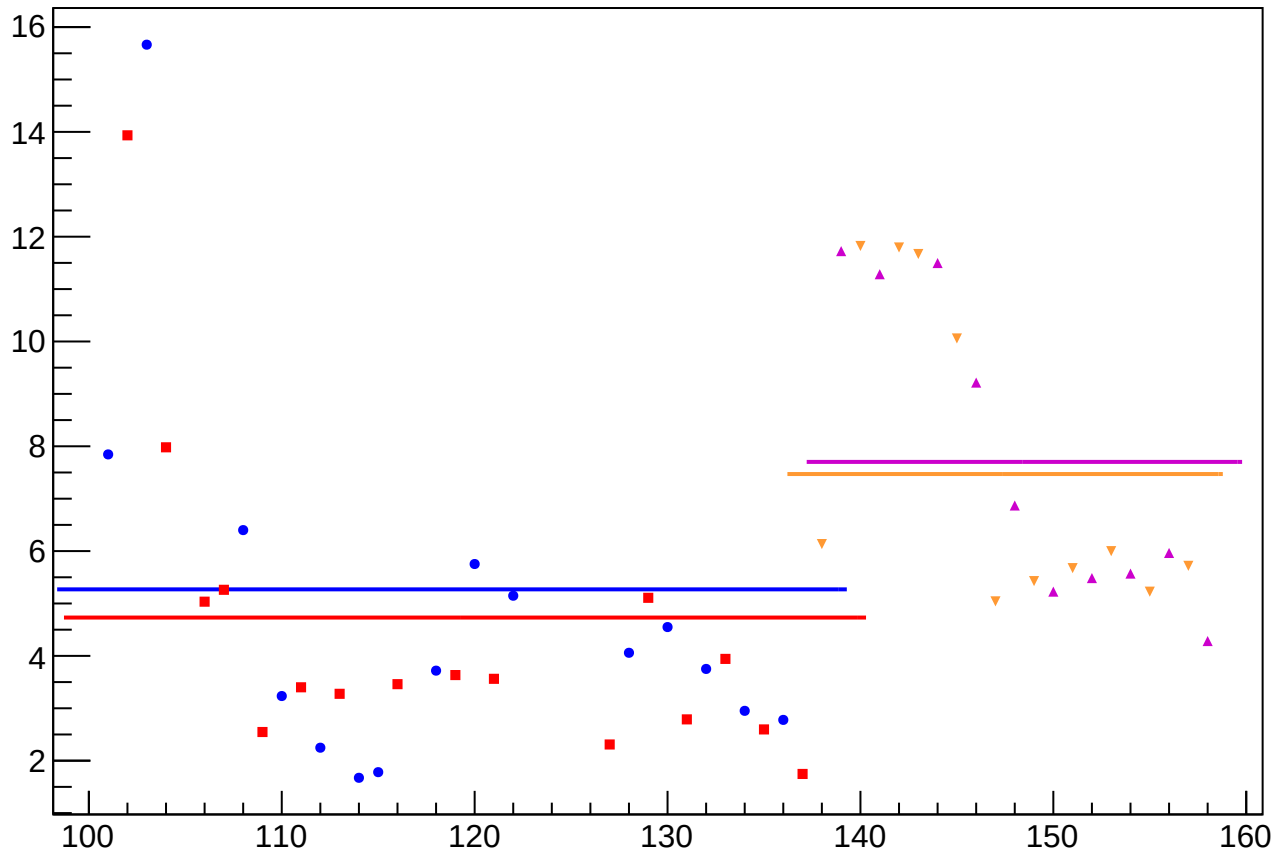
Left In: -499.564+/-0.000 χ^2/NDF : 1018173016666348318126910884122984448.0/9

+ sign -387.061+/-0.000 χ^2/NDF : 20458531674633

All: -390.585+/-0.000 χ^2/NDF : 47341184606

- sign -394.037+/-0.000 χ^2/NDF : 268461199978817

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.470+/-0.000 χ^2/NDF : 6165783528400329572325854655021056.0/10

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

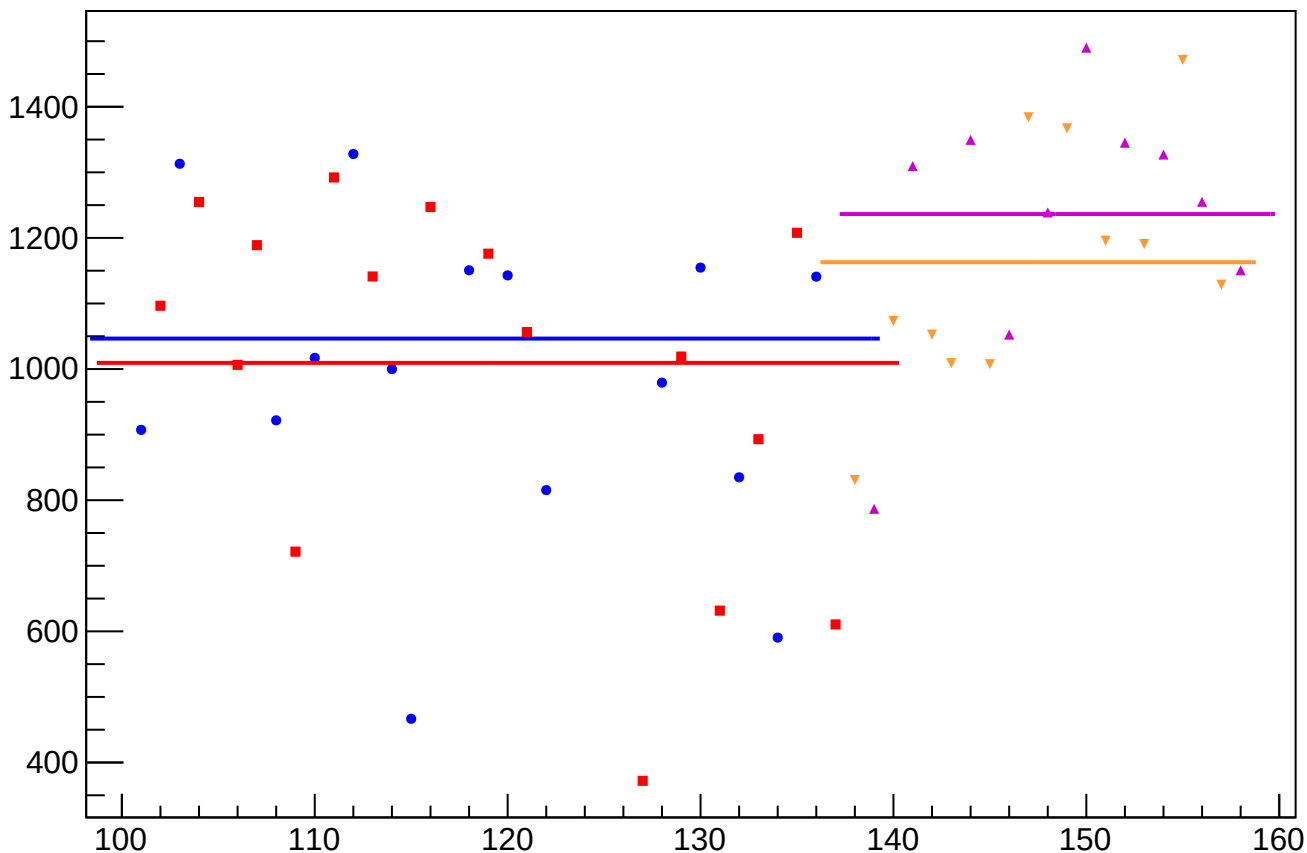
Left In: 7.702+/-0.000 χ^2/NDF : 6509446328332455779899562205904896.0/9

+ sign 6.509+/-0.000 χ^2/NDF : 16646012545908300

All: 6.452+/-0.000 χ^2/NDF : 33319643154996

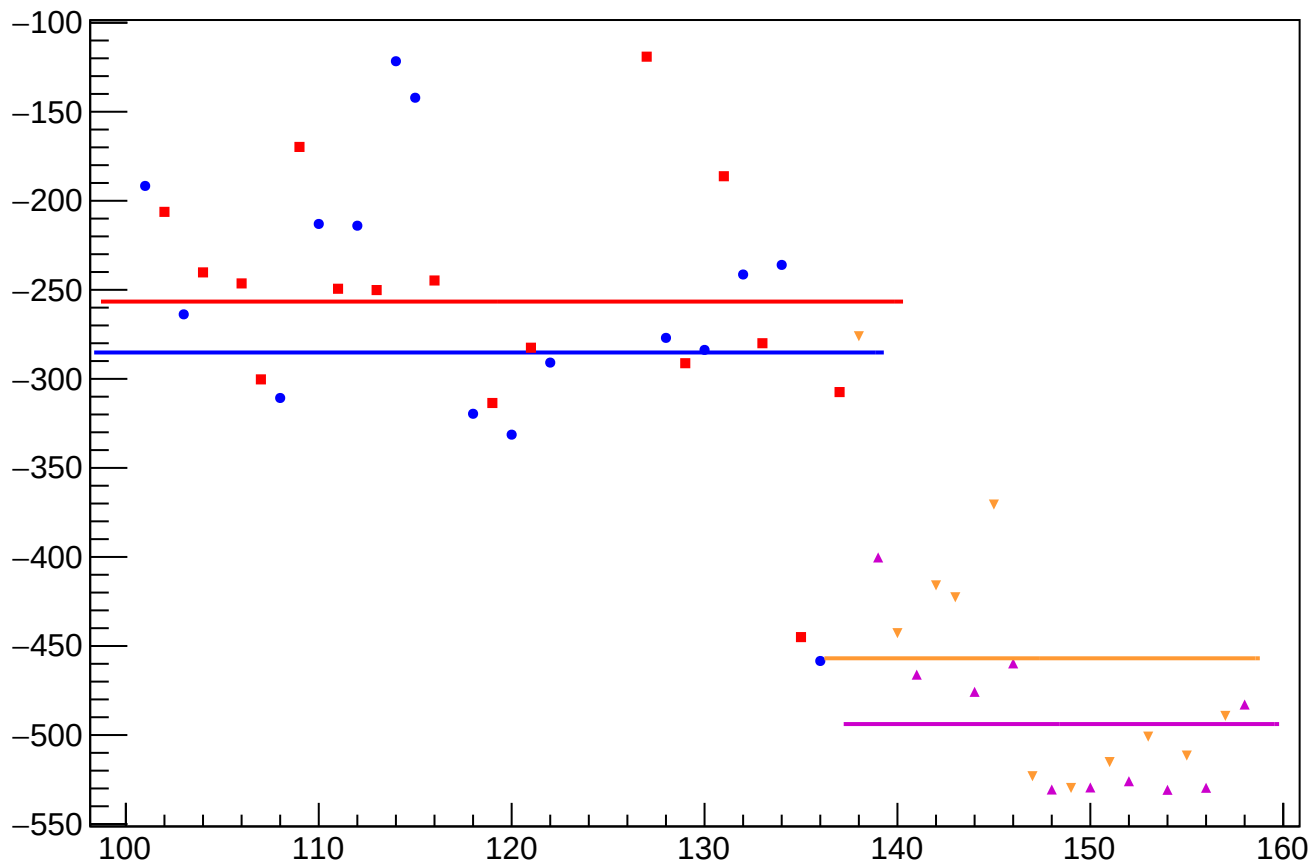
- sign 6.396+/-0.000 χ^2/NDF : 16664000724688652

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -456.907+/-0.000 χ^2/NDF : 4861285875198403414205090078977425408.0/10

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

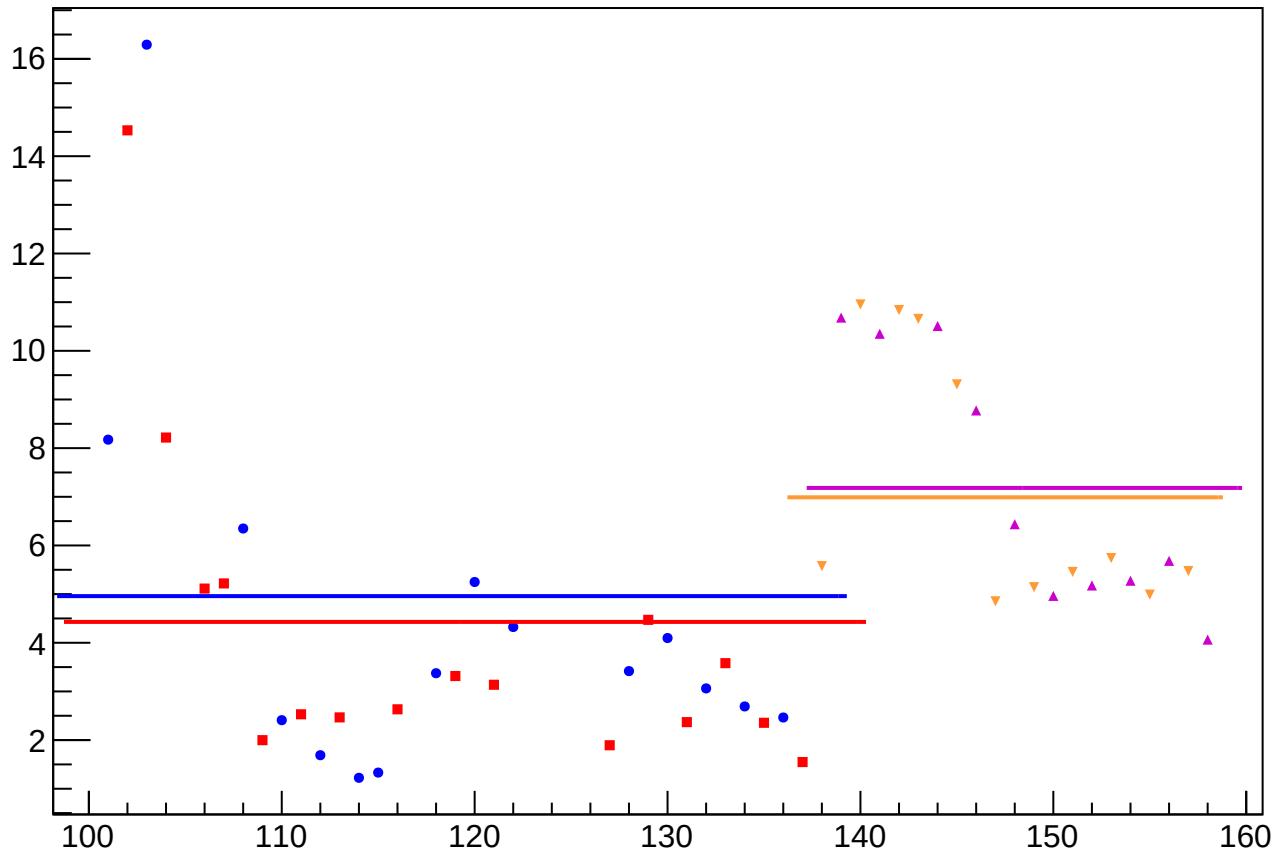
Left In: -493.836+/-0.000 χ^2/NDF : 1451761581329012090508054550588424192.0/9

+ sign -381.909+/-0.000 χ^2/NDF : 20120294192198

All: -385.757+/-0.000 χ^2/NDF : 46297900861

- sign -389.527+/-0.000 χ^2/NDF : 261340516813040

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.989+/-0.000 χ^2/NDF : 4920590834685284329815806050304000.0/10

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

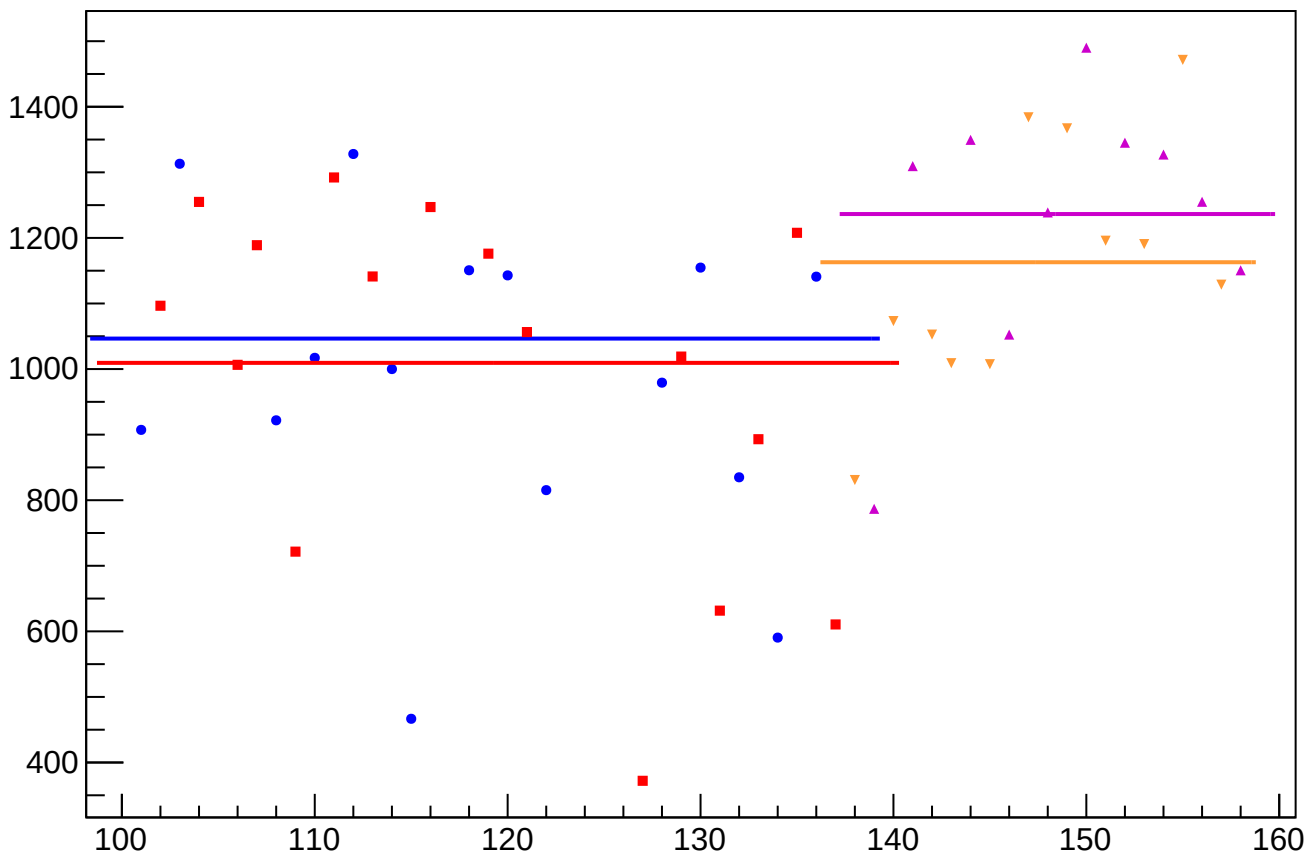
Left In: 7.183+/-0.000 χ^2/NDF : 5176964626841566910242899756056576.0/9

All: 6.037+/-0.000 χ^2/NDF : 33288235325978

+ sign 6.103+/-0.000 χ^2/NDF : 16893197595819859

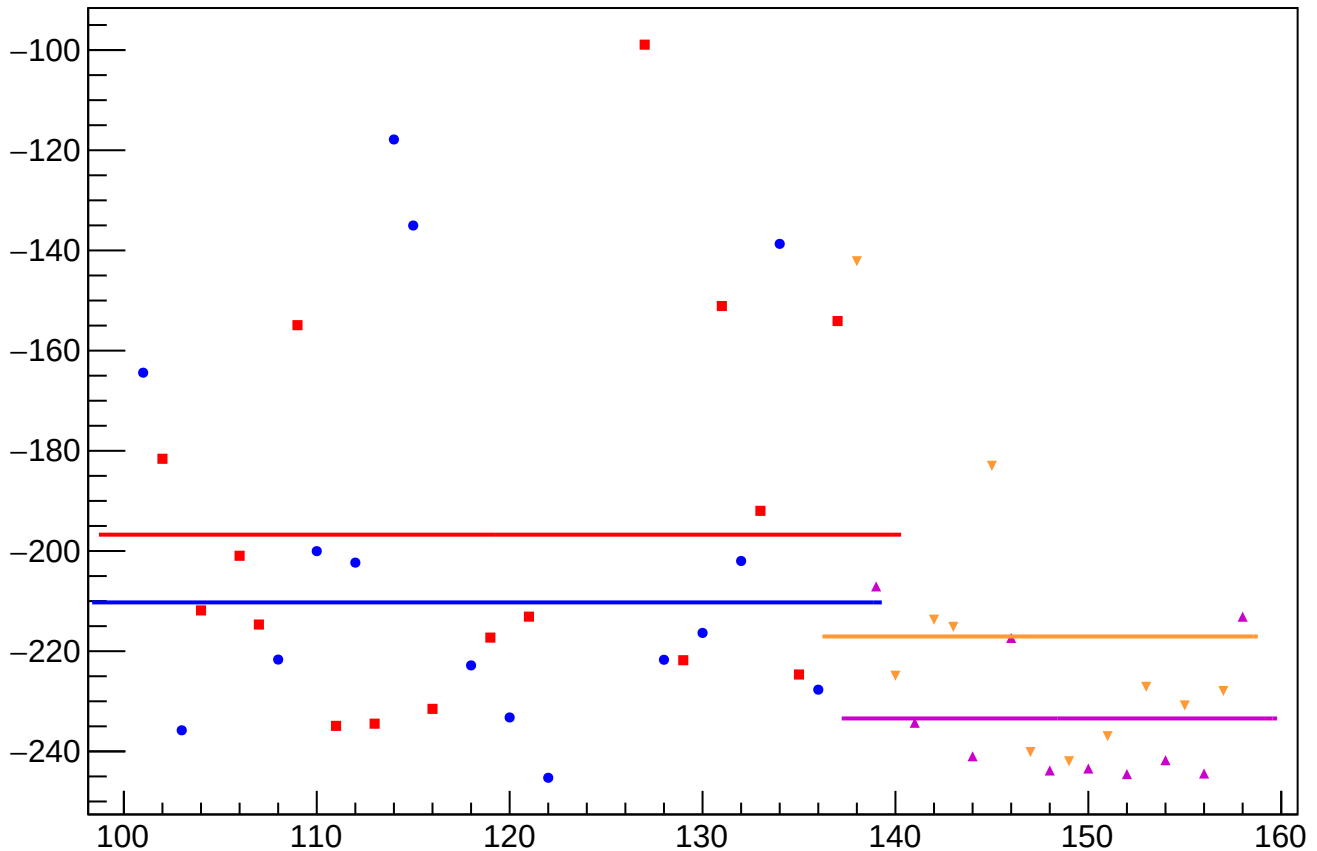
- sign 5.972+/-0.000 χ^2/NDF : 16382198582279103

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -217.060+/-0.000 χ^2/NDF : 694637442687671614023973344076890112.0/10

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

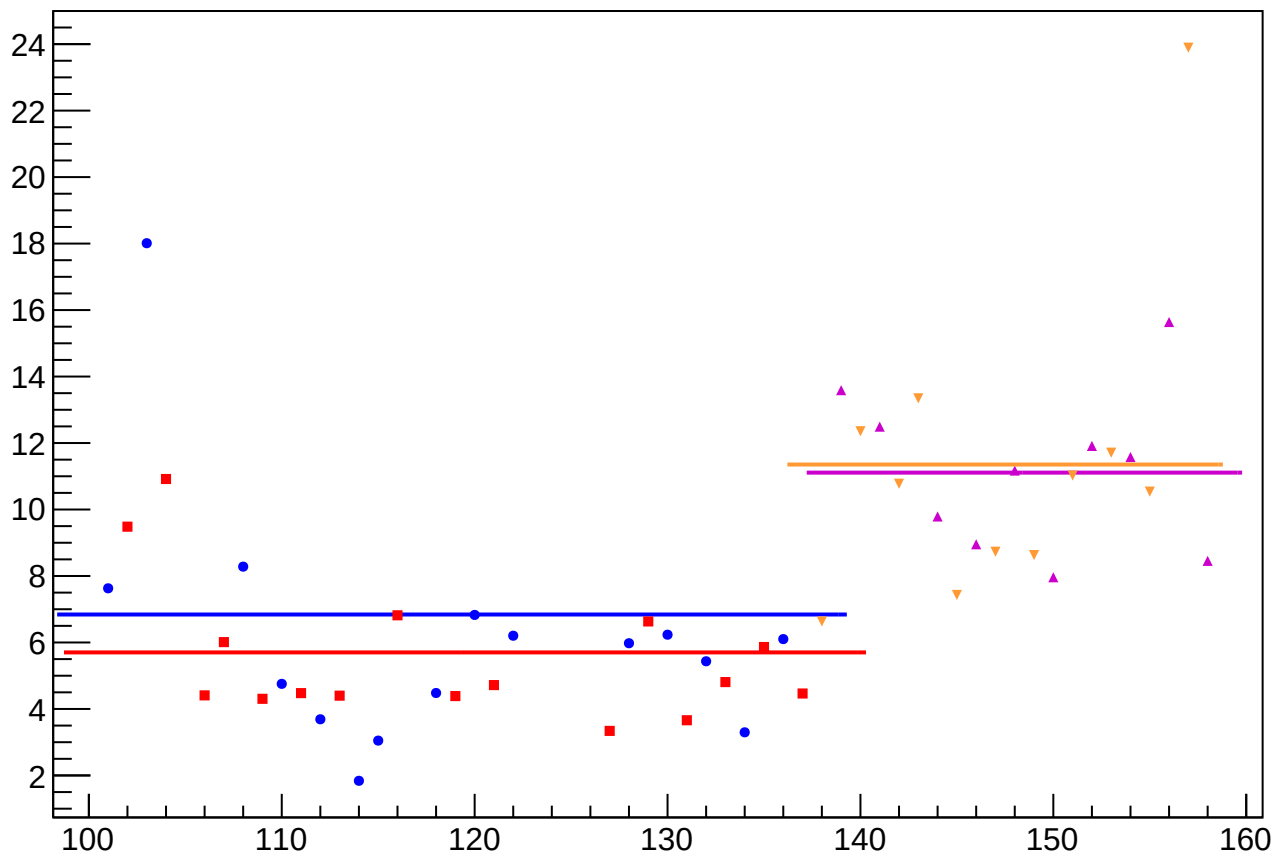
Left In: -233.424+/-0.000 χ^2/NDF : 161019199209953385726327700318060544.0/9

+ sign -214.091+/-0.000 χ^2/NDF : 12792432232025

All: -215.708+/-0.000 χ^2/NDF : 28605758548

- sign -217.293+/-0.000 χ^2/NDF : 157363467033703

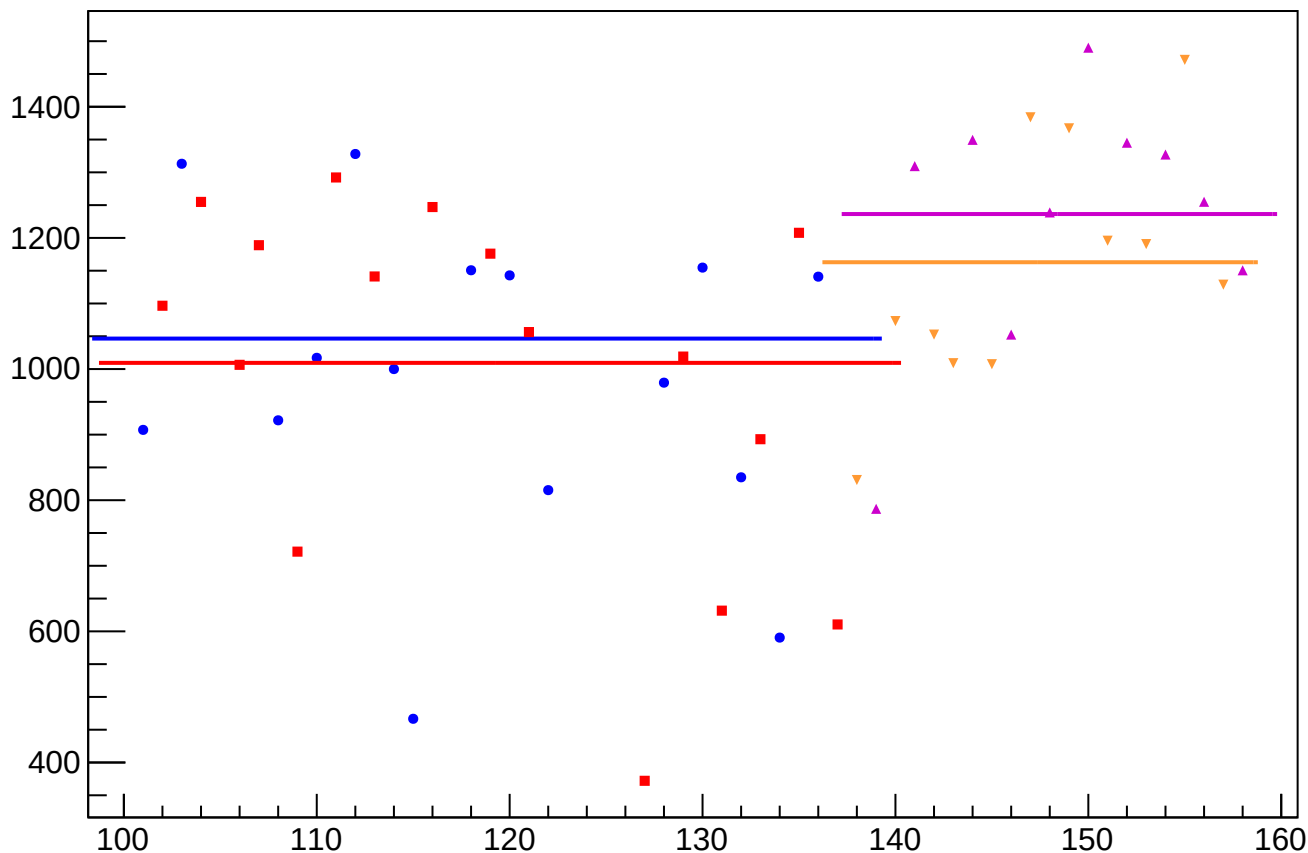
dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000	χ^2/NDF : 9355934166823324467316647620771840.0/14
Left Out: 11.353+/-0.000	χ^2/NDF : 17003204421440947695366998146940928.0/10
Right Out: 5.701+/-0.000	χ^2/NDF : 3174693398300953393137731791486976.0/15
Left In: 11.110+/-0.000	χ^2/NDF : 4392144303294784366056229966970880.0/9

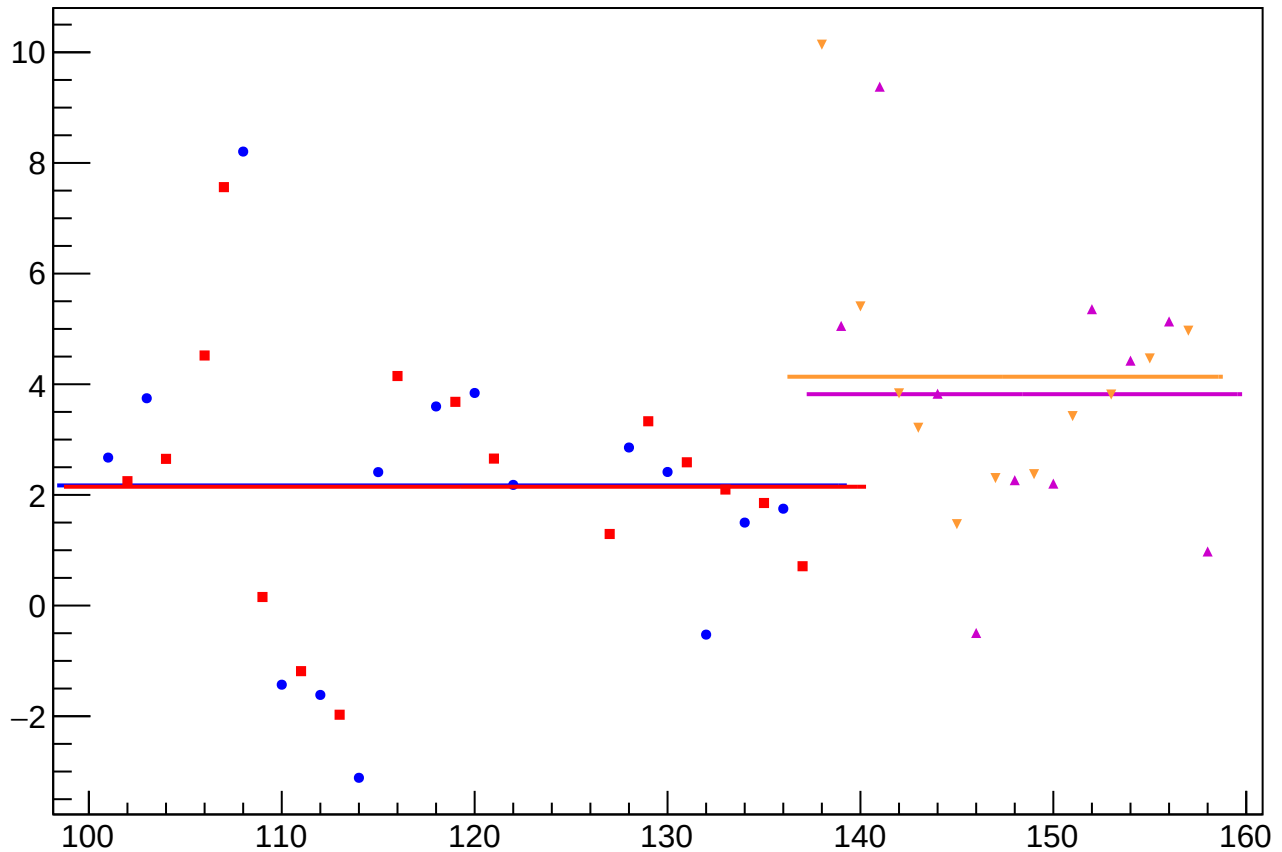
+ sign 9.383+/-0.000 χ^2/NDF : 33800388794996752
 All: 9.054+/-0.000 χ^2/NDF : 52618311298790
 - sign 8.732+/-0.000 χ^2/NDF : 18499637998373700

dit_11X12X_coil1_Ndata_mean vs Slug



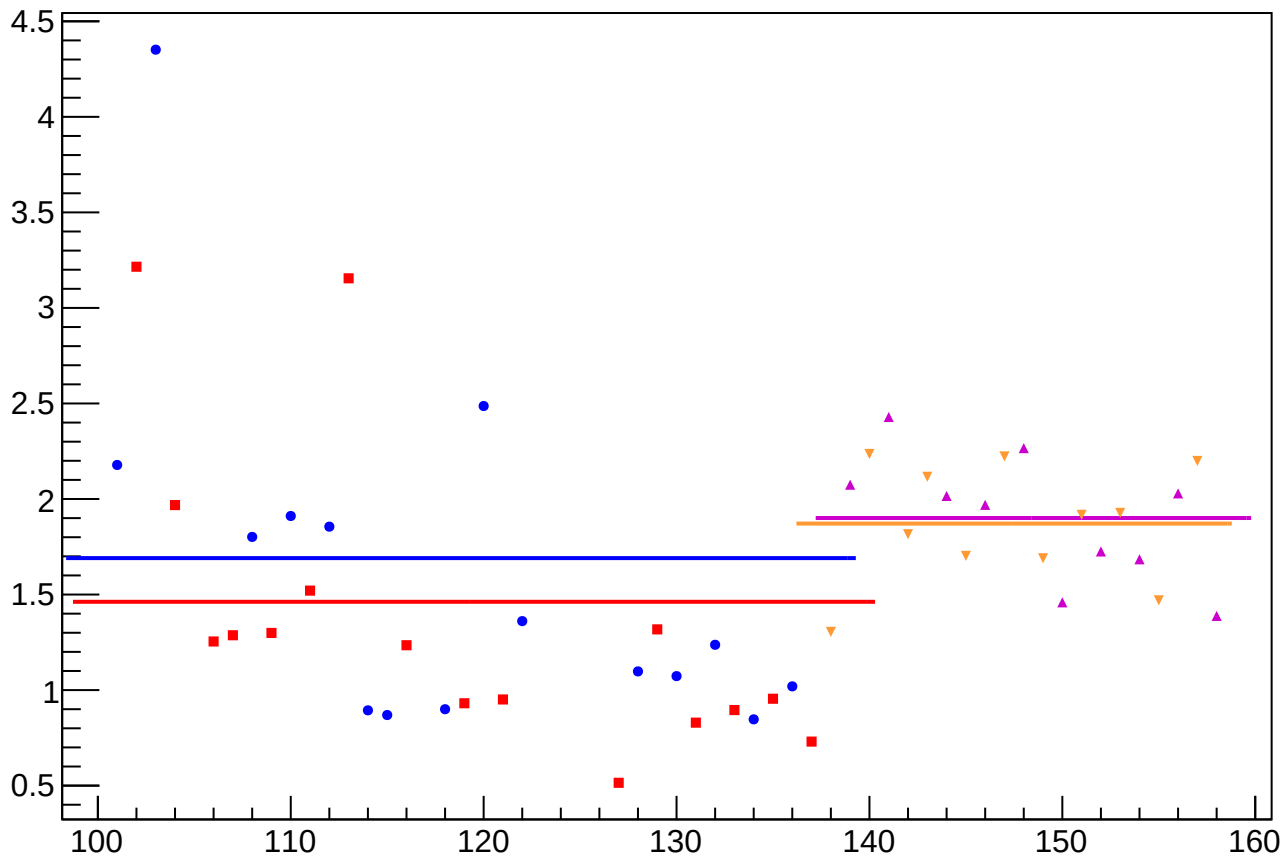
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000	χ^2/NDF : 3599819246909975678410499691642880.0/14
Left Out: 4.136+/-0.000	χ^2/NDF : 4212093447223667298573879487758336.0/10
Right Out: 2.148+/-0.000	χ^2/NDF : 3093887336239378959606321931878400.0/15
Left In: 3.820+/-0.000	χ^2/NDF : 5766476614767563881001025567457280.0/9
+ sign 3.278+/-0.000 χ^2/NDF : 92229370861151801	
All: 3.180+/-0.000 χ^2/NDF : 1915698286800	
- sign 3.085+/-0.000 χ^2/NDF : 99060421748772862	

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 ± 0.000 χ^2/NDF : 612163393317609859674079412355072.0/14

Left Out: 1.872 ± 0.000 χ^2/NDF : 76656328637069487389474887303168.0/10

Right Out: 1.462 ± 0.000 χ^2/NDF : 444384511662519040022371754835968.0/15

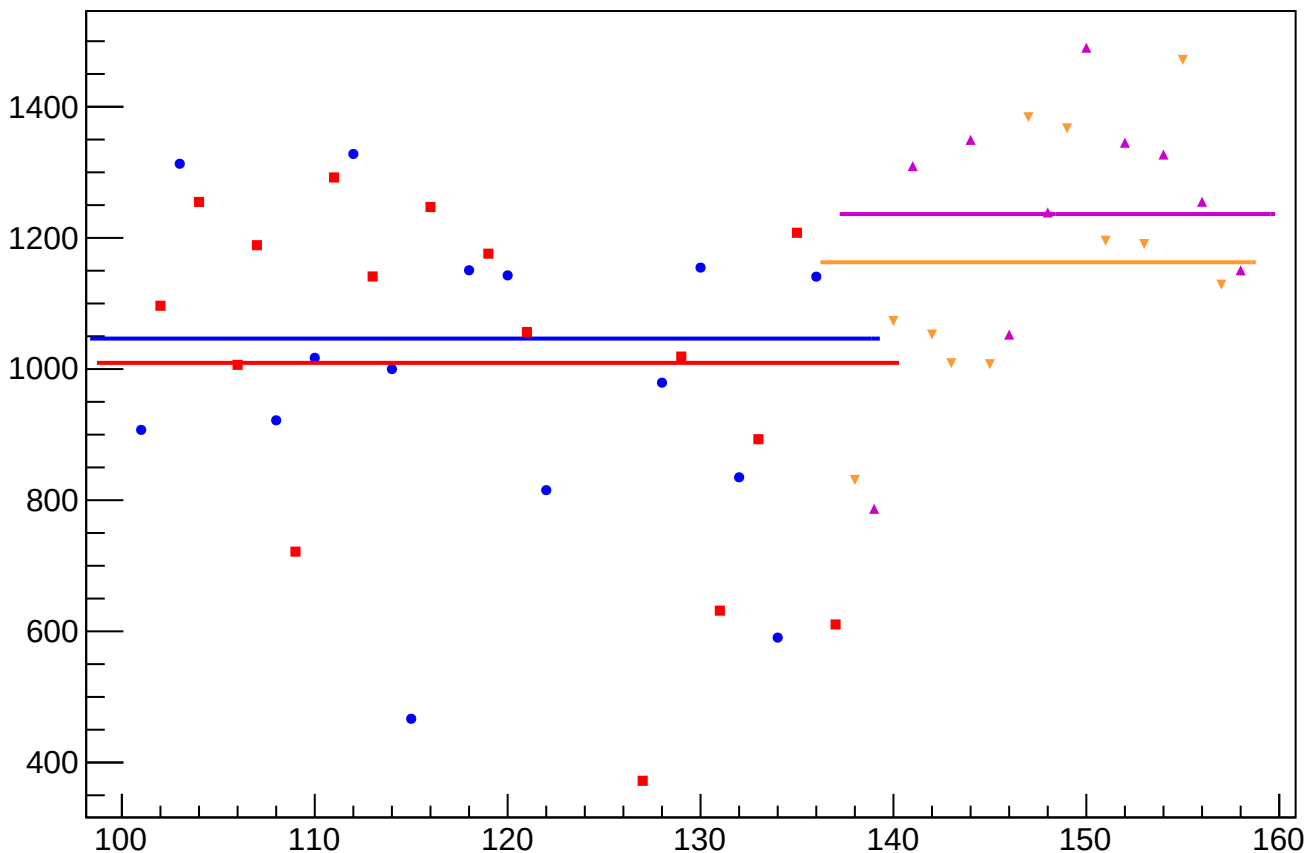
Left In: 1.901 ± 0.000 χ^2/NDF : 86170724116066078112428809256960.0/9

+ sign 1.793 ± 0.000 χ^2/NDF : 70076427976972020

All: 1.750 ± 0.000 χ^2/NDF : 1308563916870

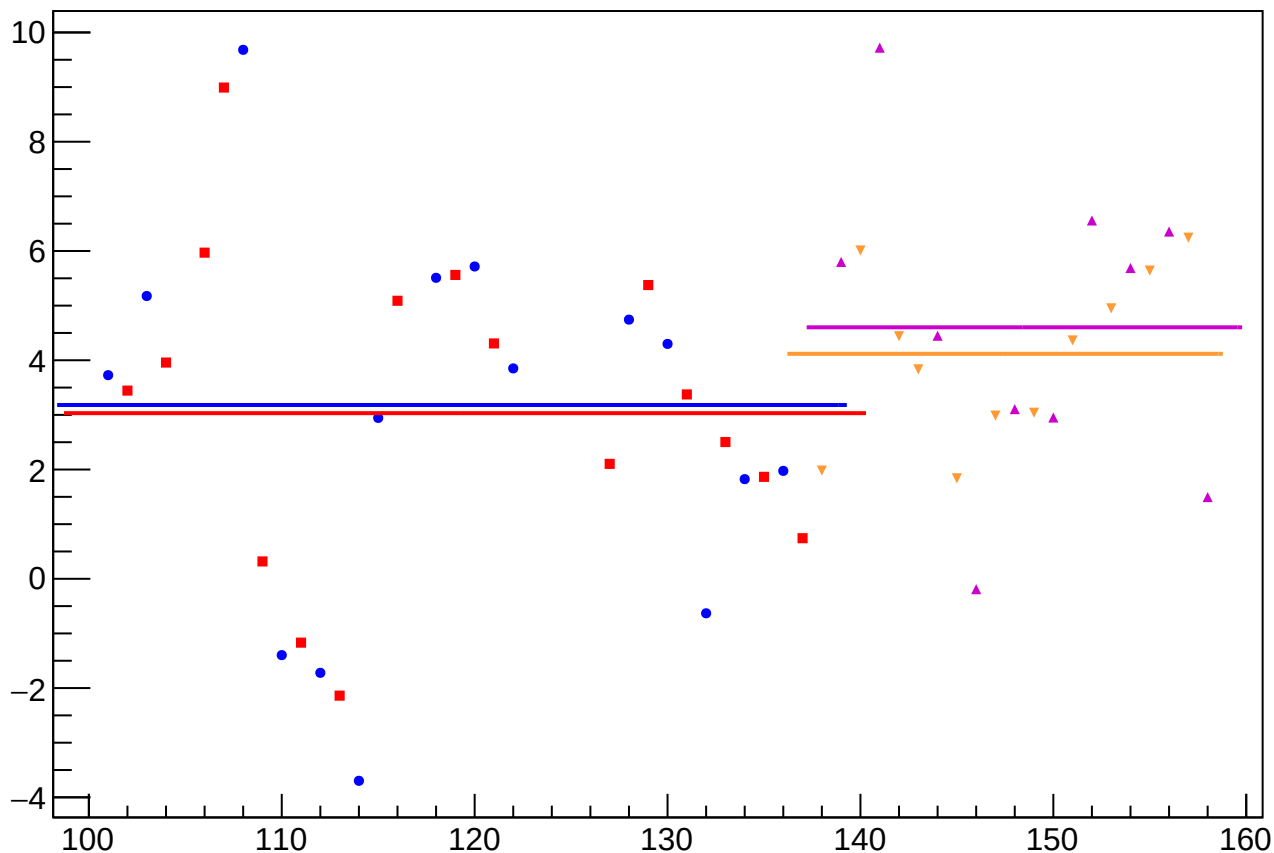
- sign 1.708 ± 0.000 χ^2/NDF : 60240072617892475

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1112.069+/-0.000	χ^2/NDF : 58365468353104
Left Out: 1162.918+/-0.000	χ^2/NDF : 28543622085129880107855371286085632000.0/10	All: 1124.469+/-0.000	χ^2/NDF : 15168351632
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1136.616+/-0.000	χ^2/NDF : 92865701788798
Left In: 1236.408+/-0.000	χ^2/NDF : 29011215487479499501392823898483982336.0/9		

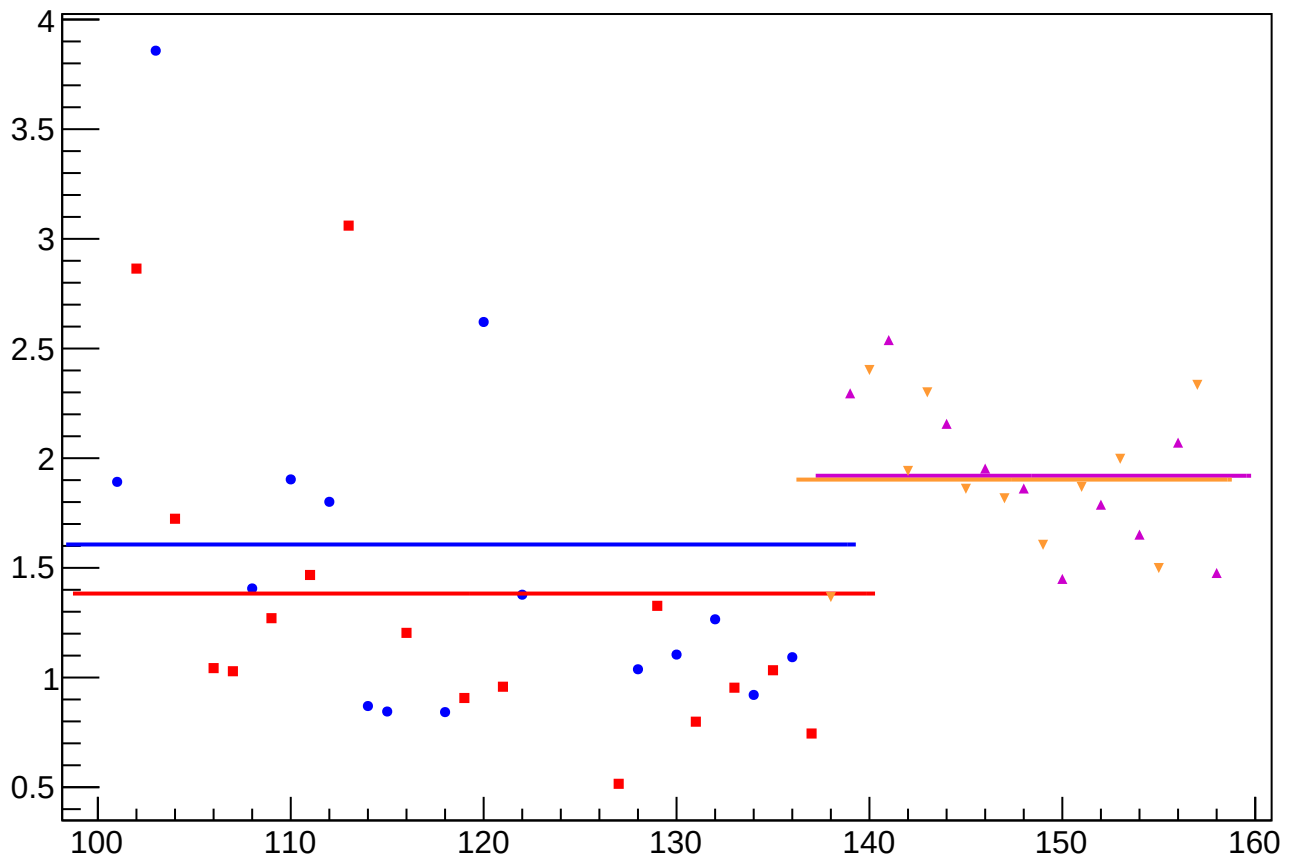
dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000	χ^2/NDF : 5833303227868252617704566394191872.0/14
Left Out: 4.118+/-0.000	χ^2/NDF : 1884301281189433457412964802887680.0/10
Right Out: 3.032+/-0.000	χ^2/NDF : 4937209831371793945496546833334272.0/15
Left In: 4.603+/-0.000	χ^2/NDF : 61535610264181114237773868926238720.0/9

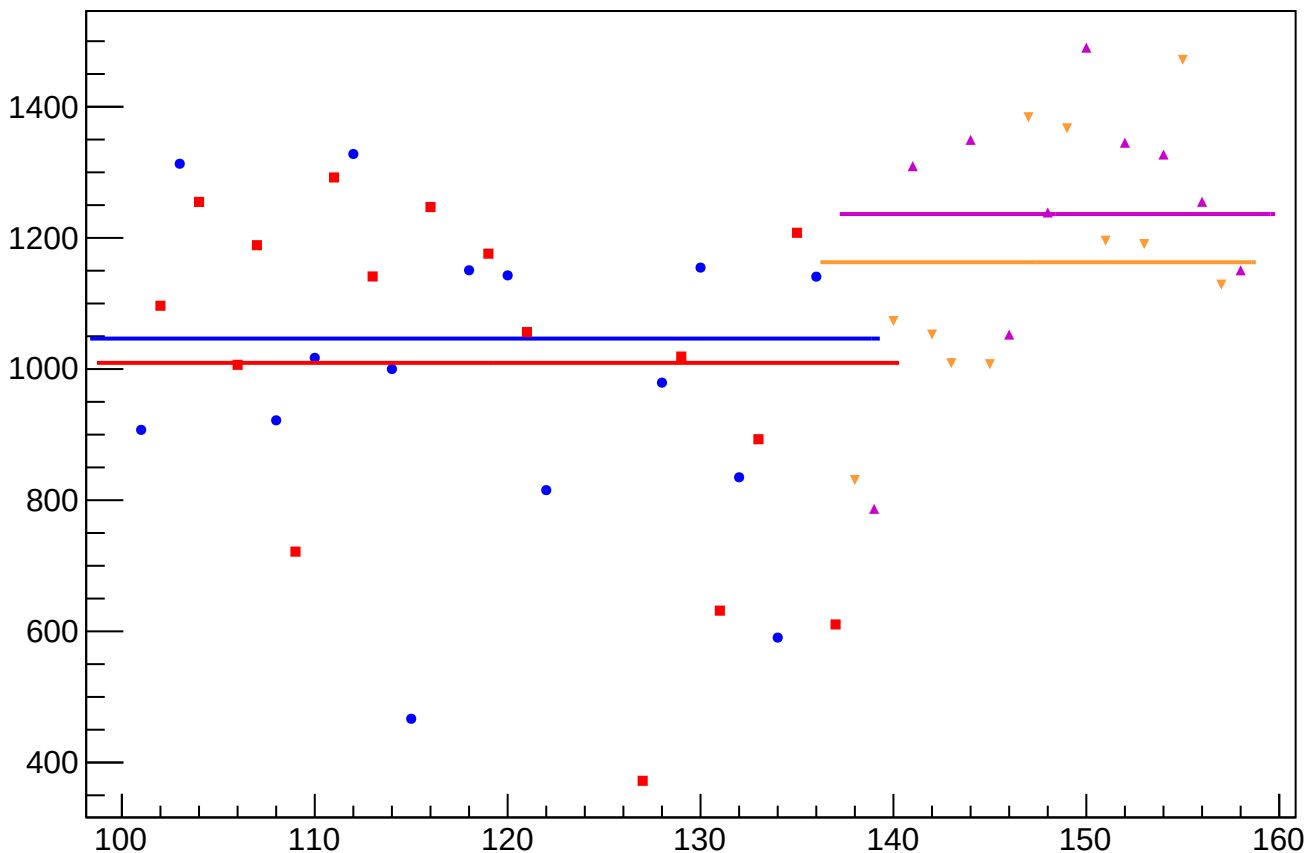
+ sign 3.709+/-0.000 χ^2/NDF : 80386024353792572
 All: 3.812+/-0.000 χ^2/NDF : 20082756470495
 - sign 3.912+/-0.000 χ^2/NDF : 12013201057372803

dit_4eY_coil1_err_mean vs Slug



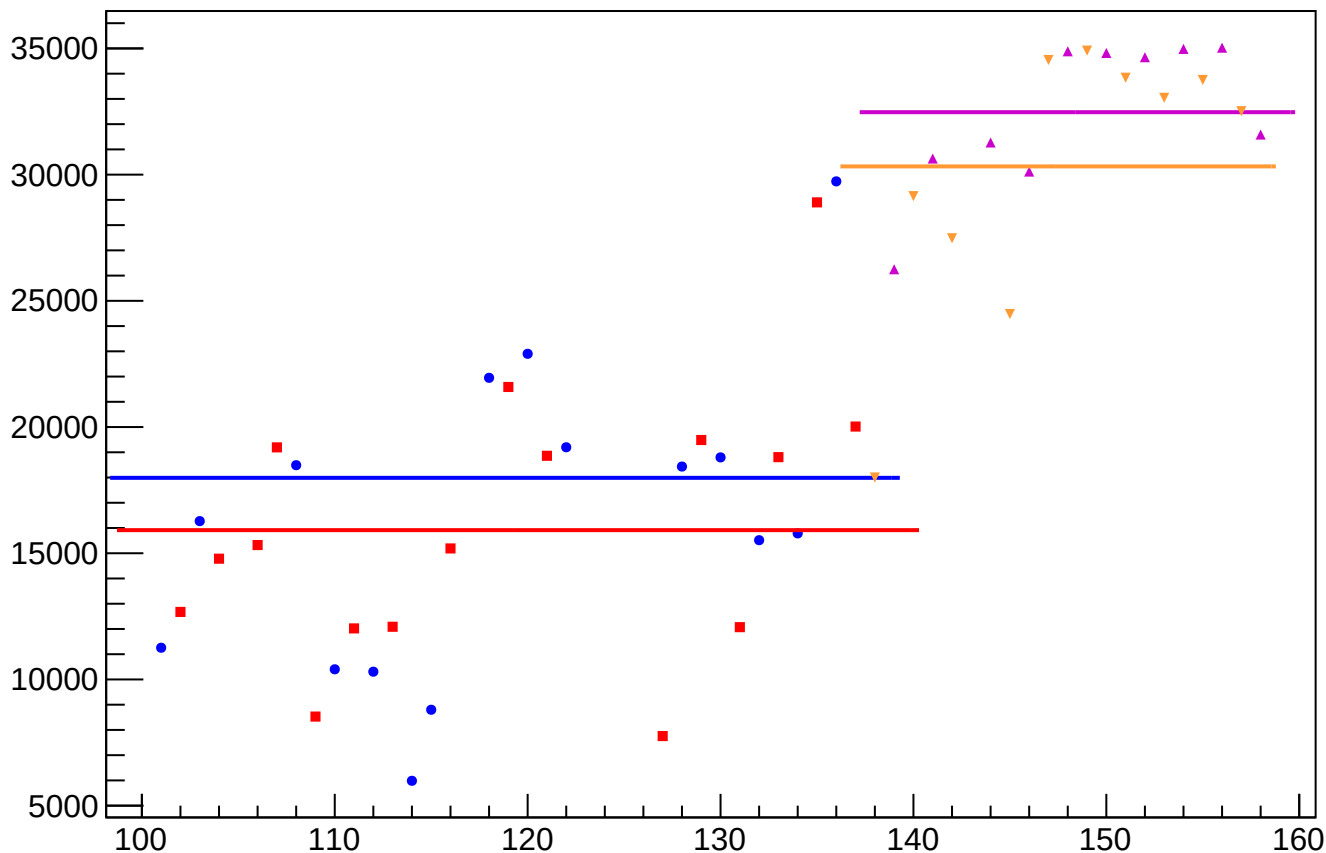
Right In: 1.607 ± 0.000	χ^2/NDF : 460949628640148184181205735833600.0/14	+ sign 1.773 ± 0.000	χ^2/NDF : 58319127749583928
Left Out: 1.902 ± 0.000	χ^2/NDF : 90245204440142704338634778083328.0/10	All: 1.728 ± 0.000	χ^2/NDF : 11504518202011
Right Out: 1.383 ± 0.000	χ^2/NDF : 358348897016286200957650337792000.0/15	- sign 1.684 ± 0.000	χ^2/NDF : 56125697444245116
Left In: 1.920 ± 0.000	χ^2/NDF : 95117631459235789172080944087040.0/9		

dit_4eY_coil1_Ndata_mean vs Slug



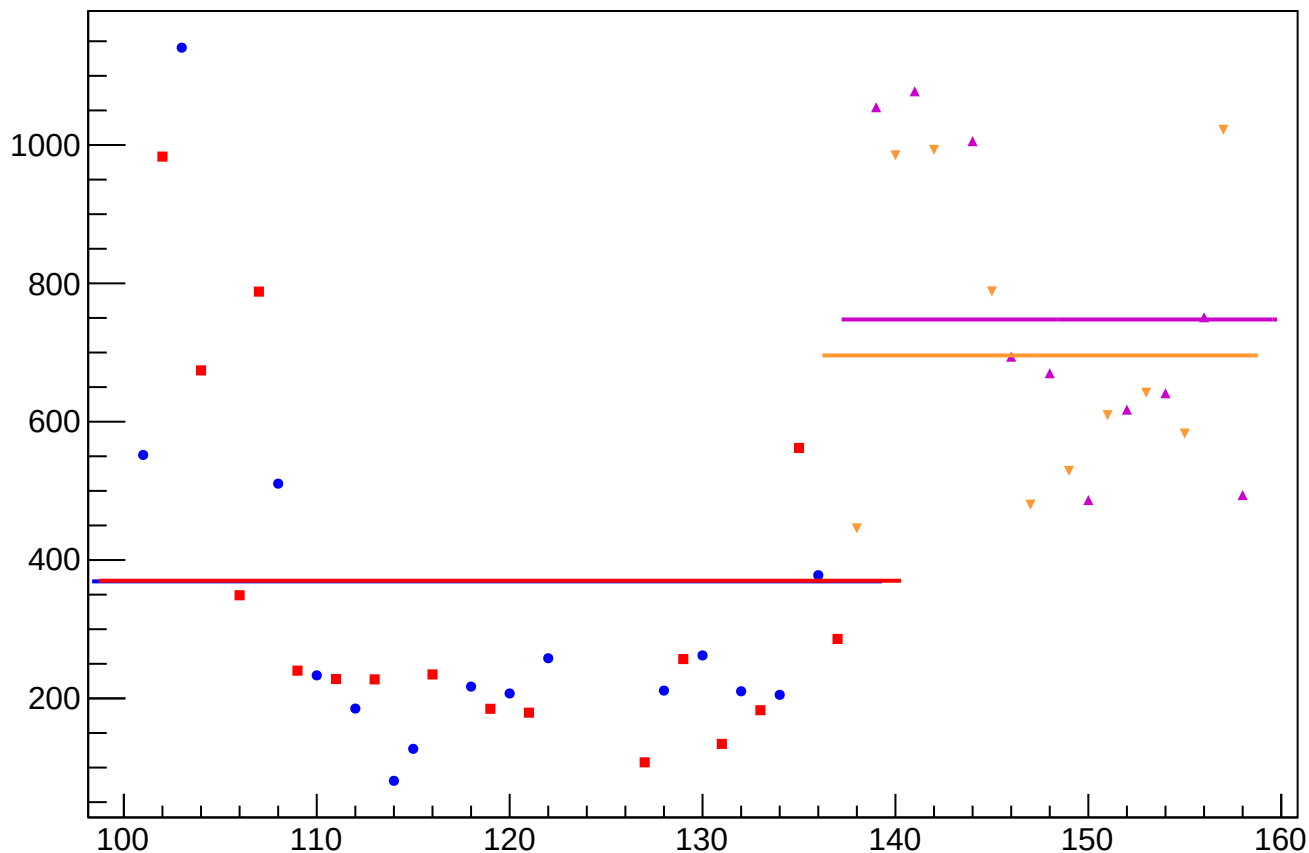
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1112.069+/-0.000	χ^2/NDF : 58365468353104
Left Out: 1162.918+/-0.000	χ^2/NDF : 28543622085129880107855371286085632000.0/10	All: 1124.469+/-0.000	χ^2/NDF : 15168351632
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1136.616+/-0.000	χ^2/NDF : 92865701788798
Left In: 1236.408+/-0.000	χ^2/NDF : 29011215487479499501392823898483982336.0/9		

dit_usl_coil1_mean vs Slug



Right In: 17988.185 +/- 0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 30325.933 +/- 0.000 χ^2/NDF : 21155492371612739447243213598289591009280.0/9
 Right Out: 15915.227 +/- 0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: 32474.038 +/- 0.000 χ^2/NDF : 6559348647305514540891719425960259354624.0/9
 All: 24946.761 +/- 0.000 χ^2/NDF : 2287573827
 + sign: 24683.087 +/- 0.000 χ^2/NDF : 9957801581891
 - sign: 25193.401 +/- 0.000 χ^2/NDF : 1289884314274

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 546.421+/-0.000 χ^2/NDF : 118340849149505

Left Out: 695.820+/-0.000 χ^2/NDF : 32710848952179202564417068654298923008.0/9

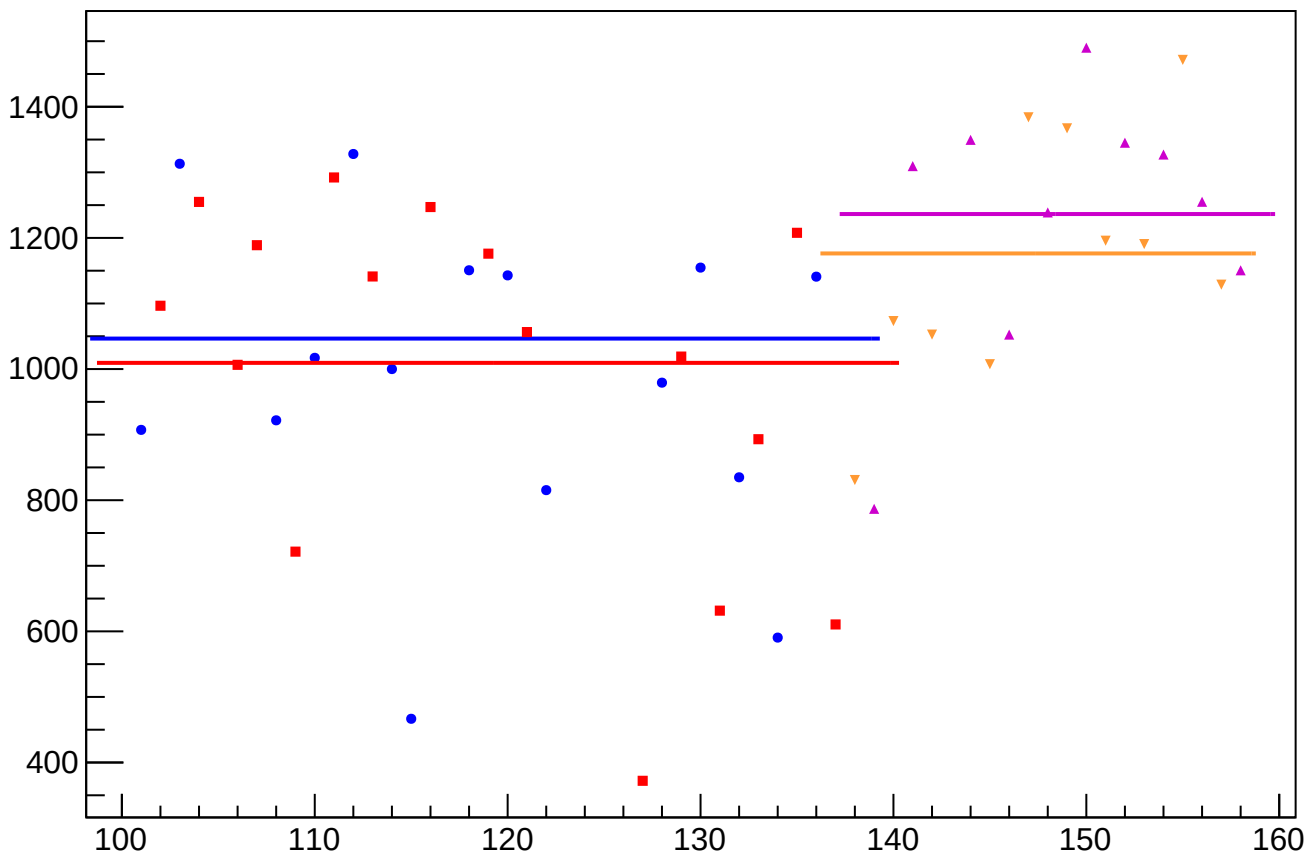
All: 564.649+/-0.000 χ^2/NDF : 25821738304

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 581.700+/-0.000 χ^2/NDF : 138964026479243

Left In: 747.750+/-0.000 χ^2/NDF : 37445615414902432718910882722749612032.0/9

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

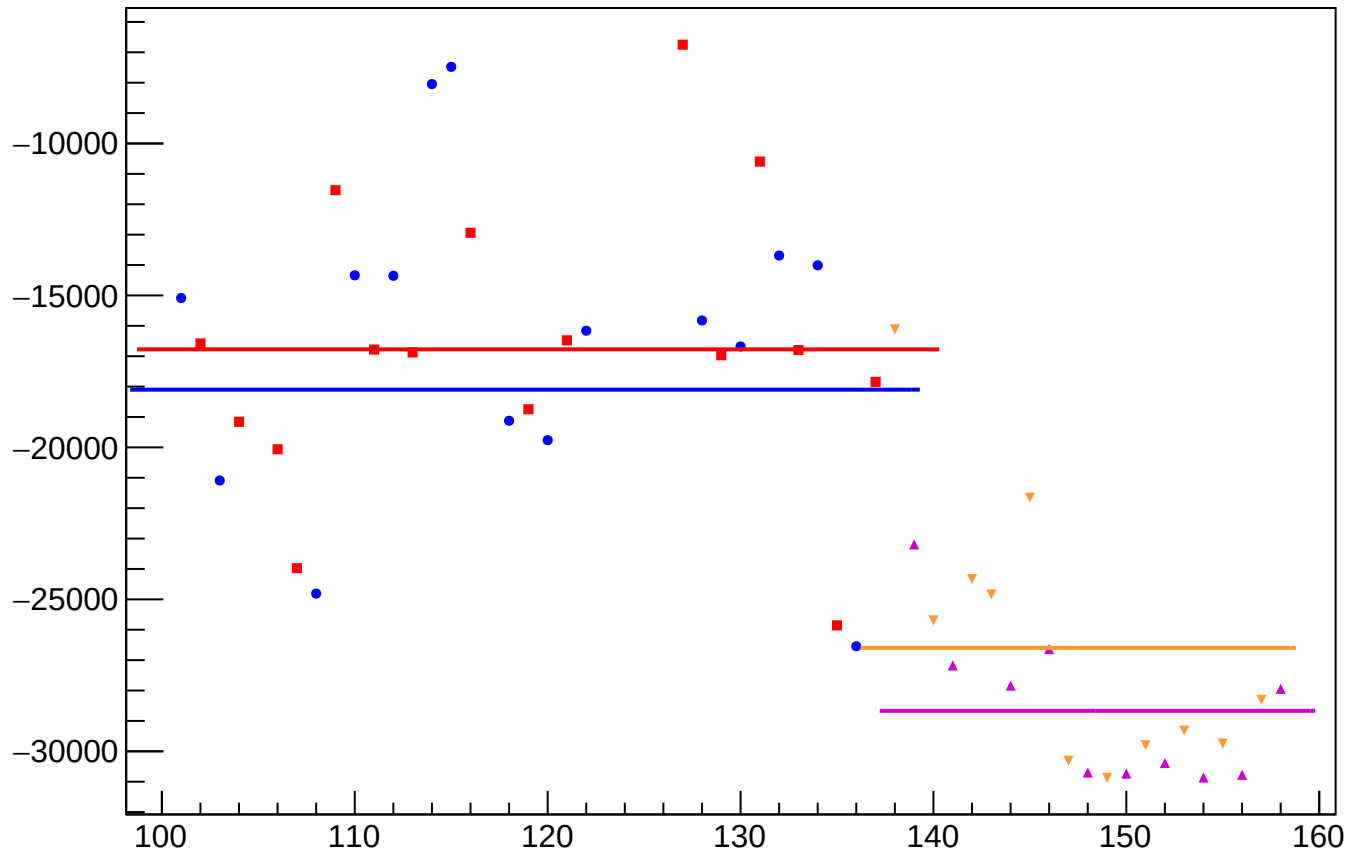
Left Out: 1176.314+/-0.000 χ^2/NDF : 26817233581830719988824759618951446528.0/9

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

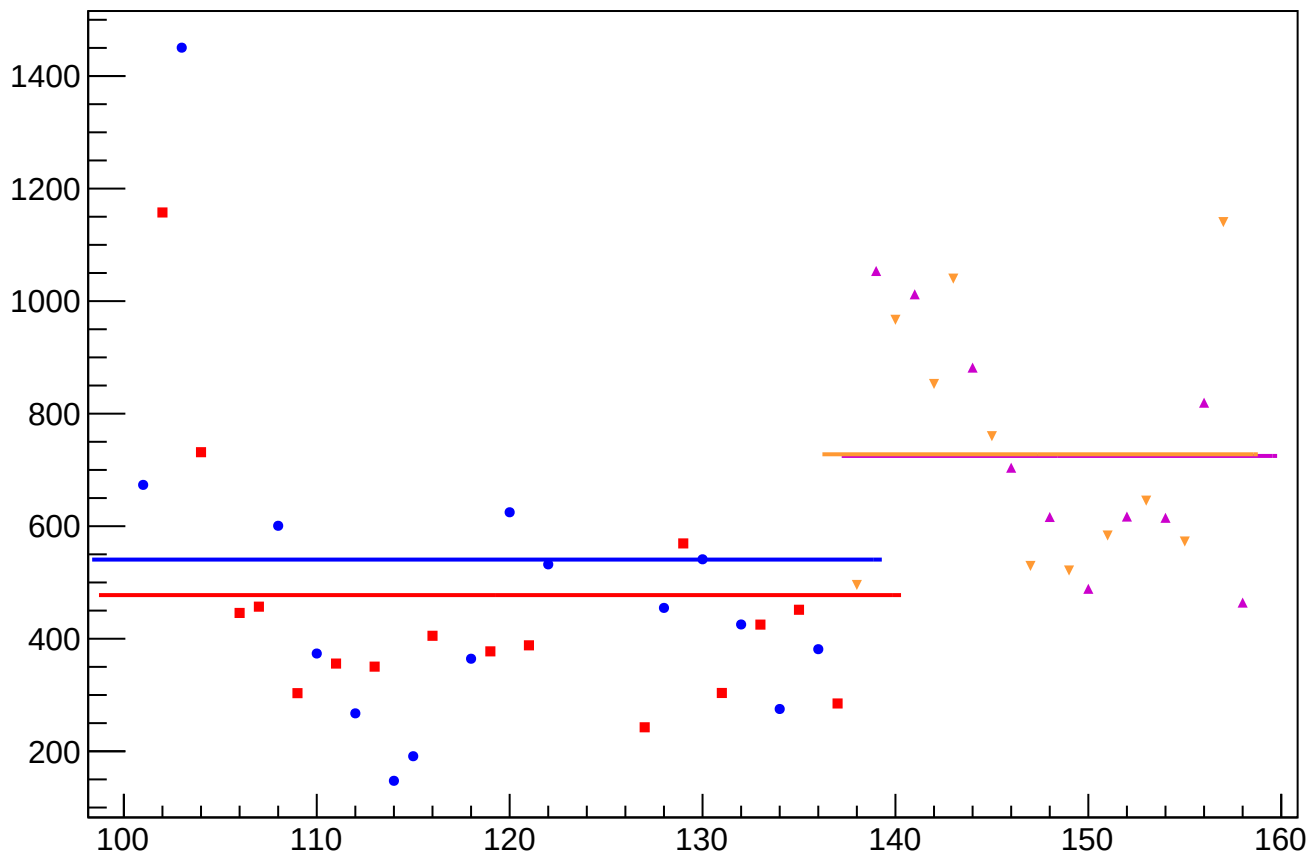
All: 1127.105+/-0.000 χ^2/NDF : 15076910177

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -26596.683+/-0.000 χ^2/NDF : 16111026465859679135944125267461118361600.0/10
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: -28667.116+/-0.000 χ^2/NDF : 4835865440118443056134270194868476182528.0/9

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 727.801+/-0.000 χ^2/NDF : 40433519354152161826727060047082291200.0/10

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

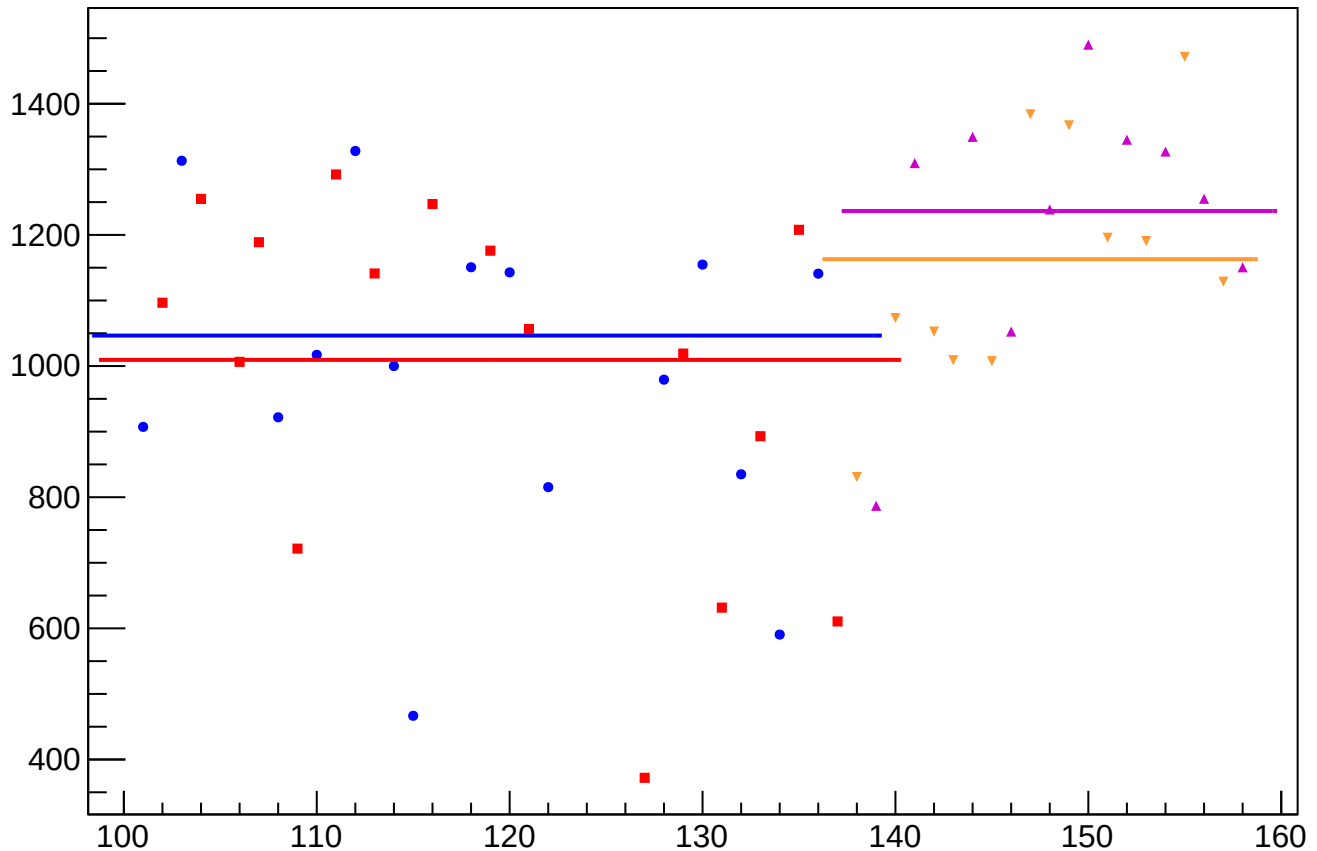
Left In: 724.866+/-0.000 χ^2/NDF : 32360179608877768190462805865662513152.0/9

+ sign 646.070+/-0.000 χ^2/NDF : 117782368842735

All: 630.942+/-0.000 χ^2/NDF : 212474145698

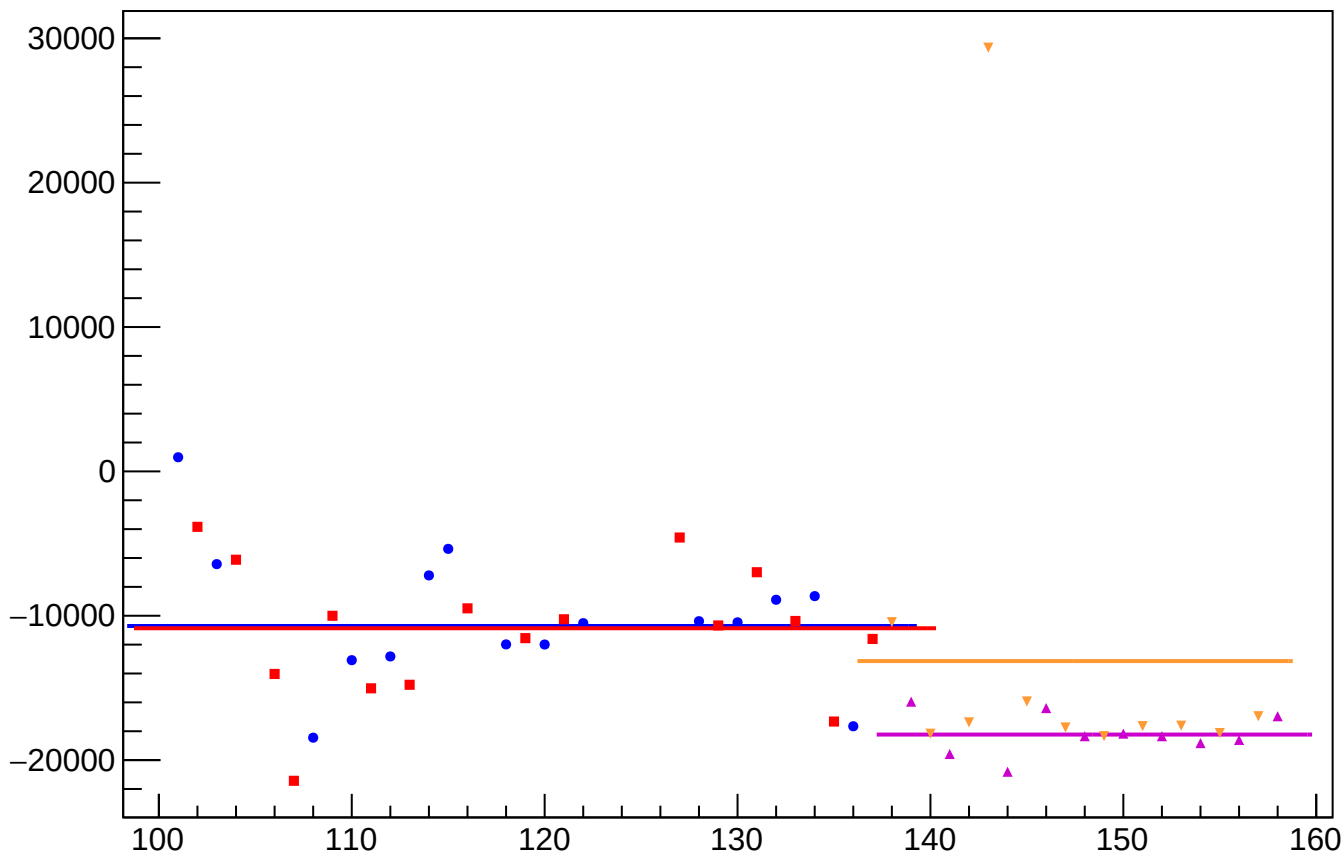
- sign 616.124+/-0.000 χ^2/NDF : 940185999664573

dit_usr_coil1_Ndata_mean vs Slug



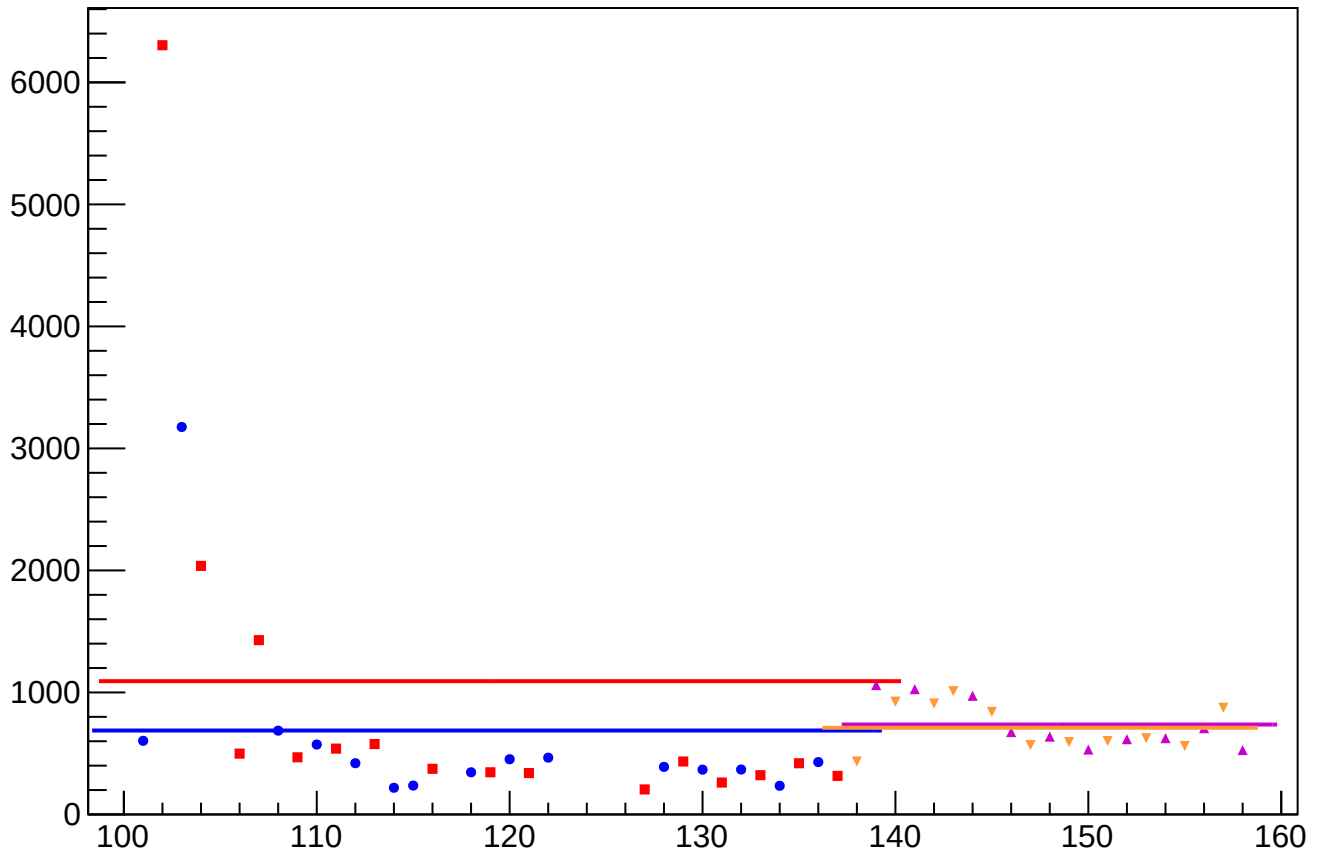
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14
 Left Out: -13140.546+/-0.000 χ^2/NDF : 135401621172214094724588559571574488825856.0/10
 Right Out: -10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
 Left In: -18230.344+/-0.000 χ^2/NDF : 1618300832027121246915268633605236064256.0/9

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

+ sign 700.650+/-0.000 χ^2/NDF : 436609972123489

Left Out: 710.507+/-0.000 χ^2/NDF : 27126647066220497858949767137100562432.0/10

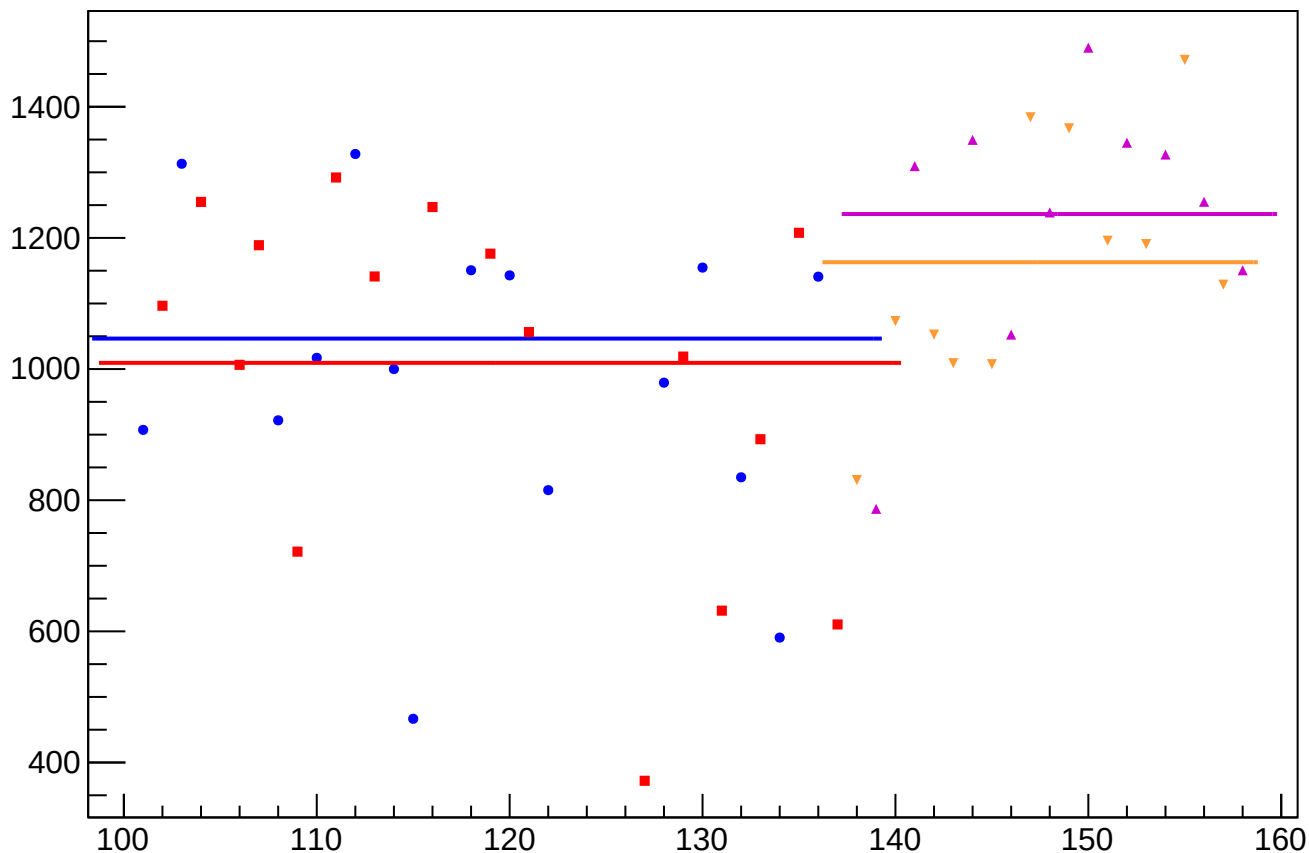
All: 797.930+/-0.000 χ^2/NDF : 242633379543

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

- sign 893.221+/-0.000 χ^2/NDF : 196188627883166

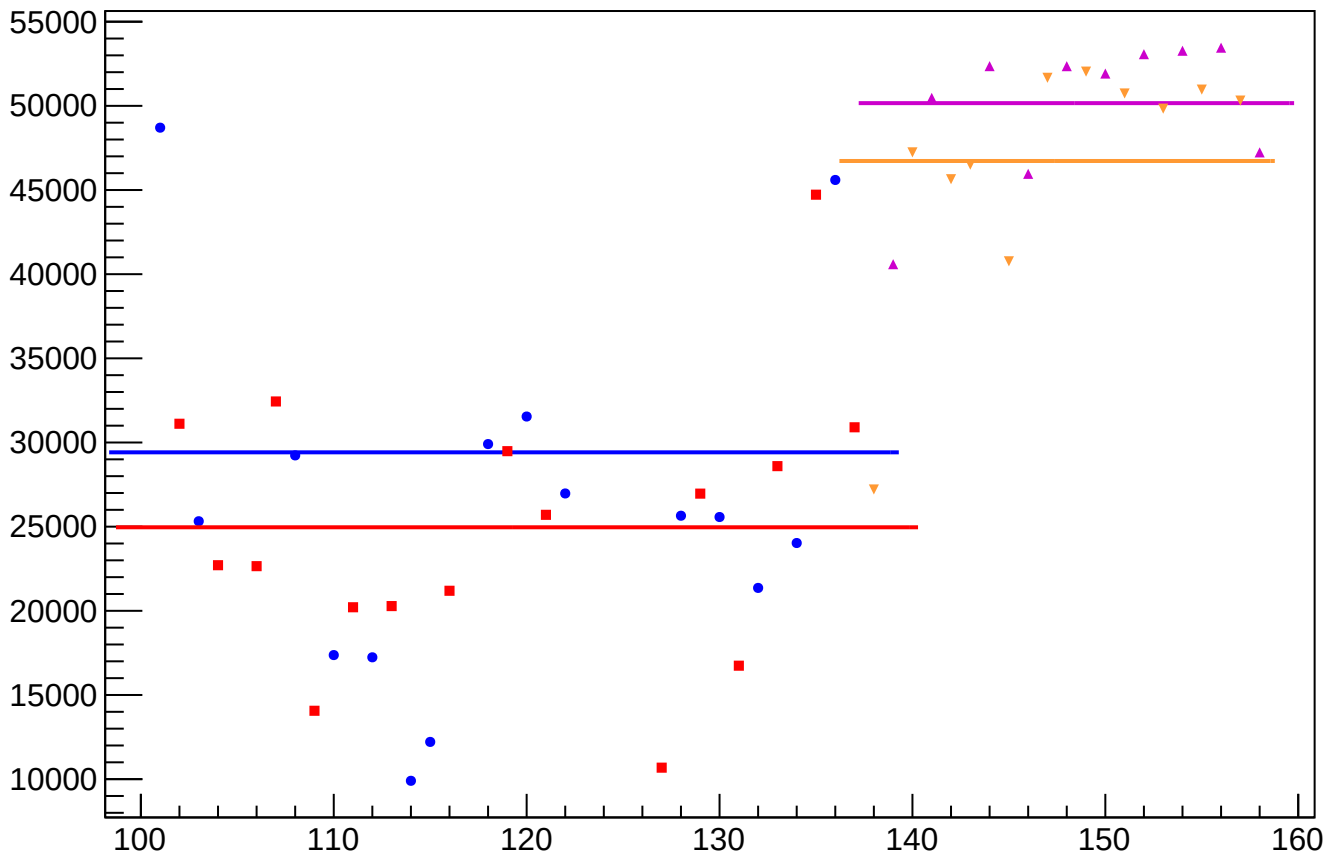
Left In: 737.031+/-0.000 χ^2/NDF : 31526554299315134611910533832893267968.0/9

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1112.069+/-0.000	χ^2/NDF : 58365468353104
Left Out: 1162.918+/-0.000	χ^2/NDF : 28543622085129880107855371286085632000.0/10	All: 1124.469+/-0.000	χ^2/NDF : 15168351632
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1136.616+/-0.000	χ^2/NDF : 92865701788798
Left In: 1236.408+/-0.000	χ^2/NDF : 29011215487479499501392823898483982336.0/9		

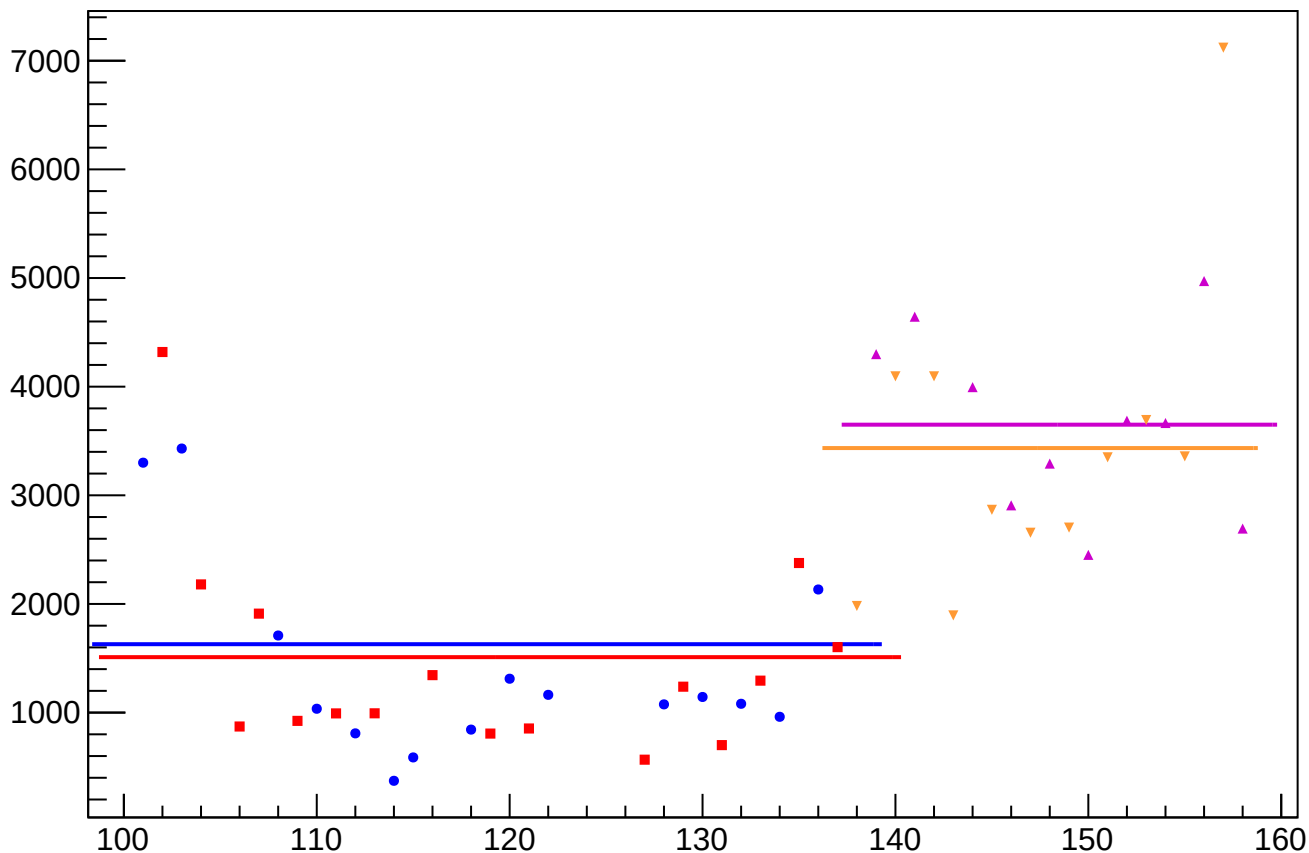
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 46724.758+/-0.000	χ^2/NDF : 41452997936205841505979084012631244144640.0/10
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 50161.555+/-0.000	χ^2/NDF : 13163879197285482913660340380920514084864.0/9

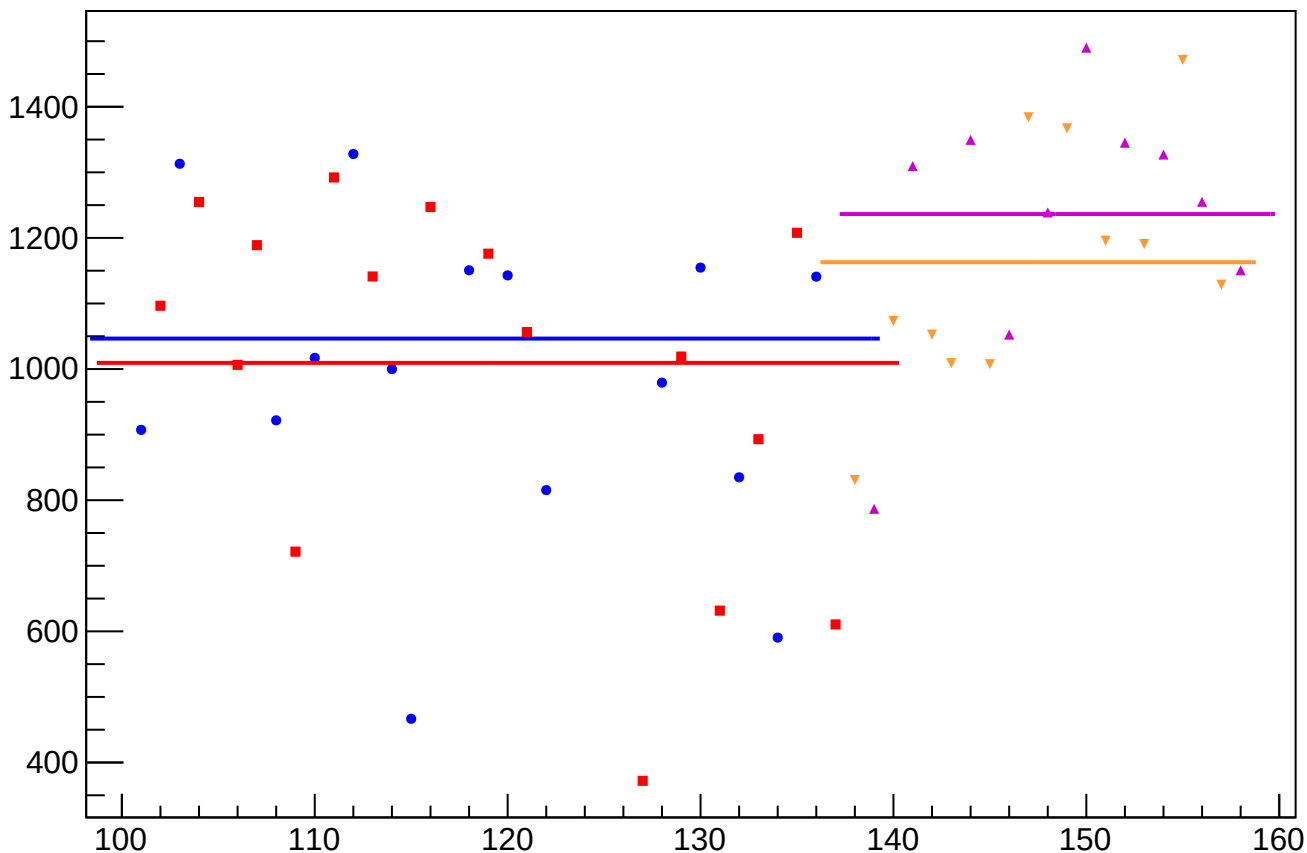
+ sign 39165.206+/-0.000 χ^2/NDF : 2227375479003
 All: 39123.258+/-0.000 χ^2/NDF : 5188449360
 - sign 39082.169+/-0.000 χ^2/NDF : 2961022122006

dit_atl2_coil1_err_mean vs Slug



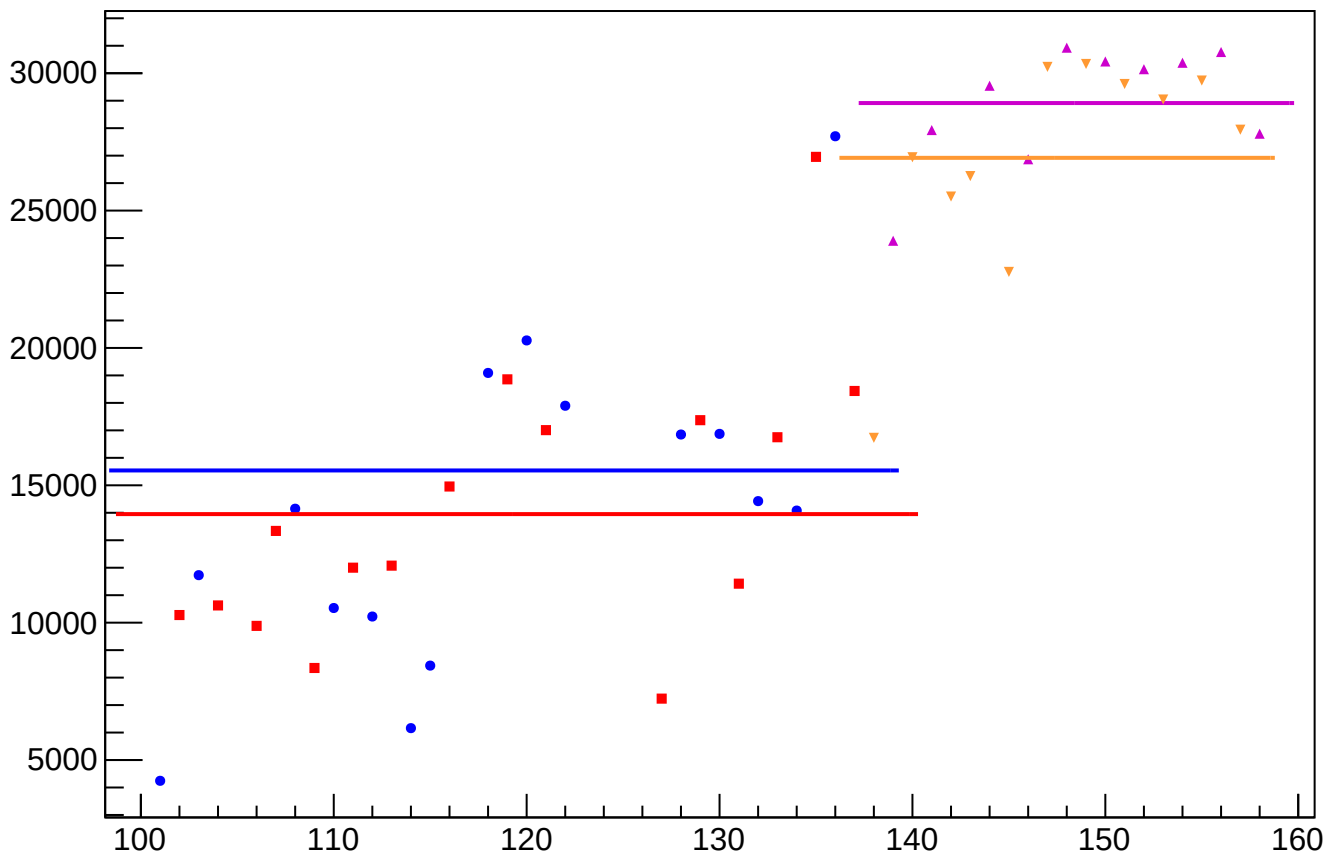
Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2646.400+/-0.000	χ^2/NDF : 33209555079384
Left Out: 3434.859+/-0.000	χ^2/NDF : 1577814860295818885117978014575371485184.0/10	All: 2678.154+/-0.000	χ^2/NDF : 6253353808
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2709.260+/-0.000	χ^2/NDF : 29294320863494
Left In: 3650.096+/-0.000	χ^2/NDF : 529976184962868865201068084202282418176.0/9		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1112.069+/-0.000	χ^2/NDF : 58365468353104
Left Out: 1162.918+/-0.000	χ^2/NDF : 28543622085129880107855371286085632000.0/10	All: 1124.469+/-0.000	χ^2/NDF : 15168351632
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1136.616+/-0.000	χ^2/NDF : 92865701788798
Left In: 1236.408+/-0.000	χ^2/NDF : 29011215487479499501392823898483982336.0/9		

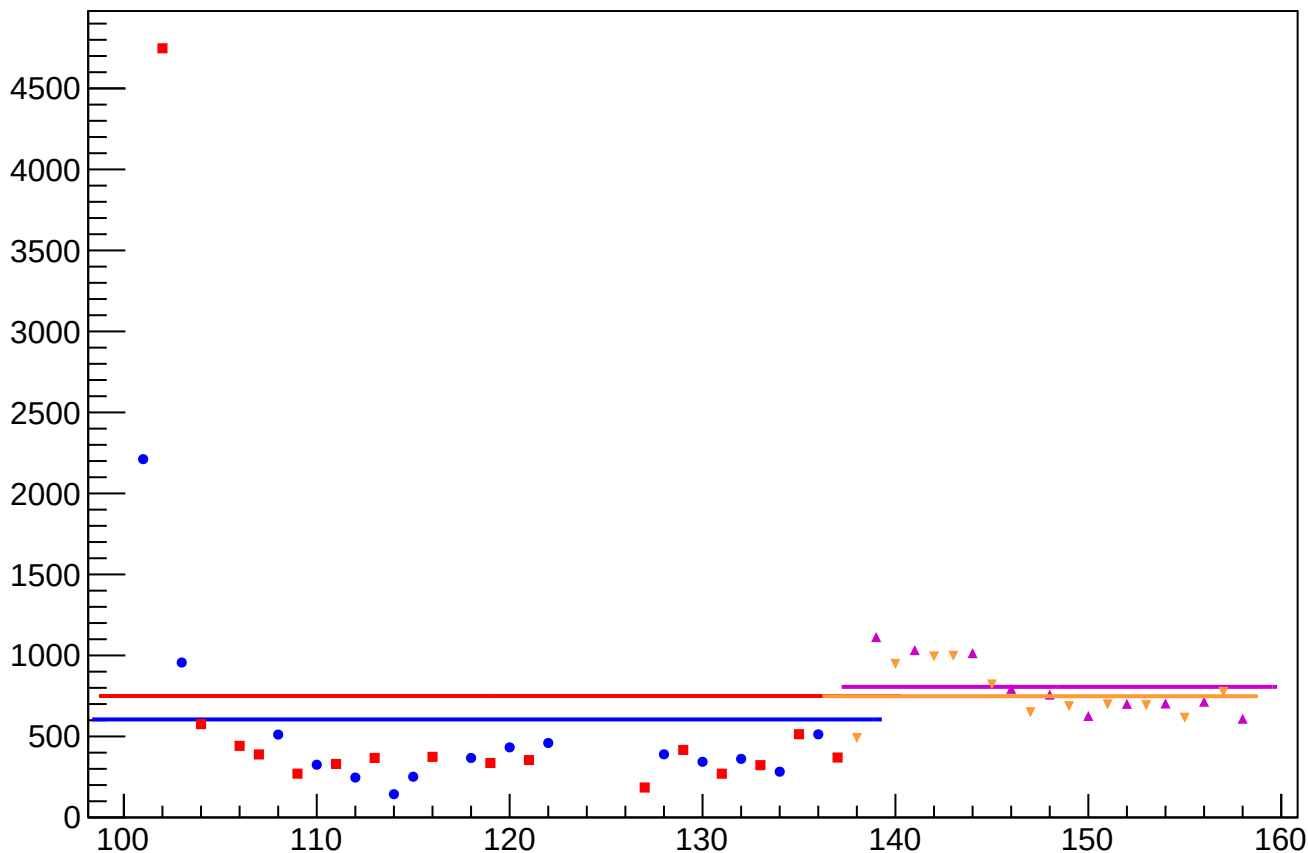
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 26920.055+/-0.000	χ^2/NDF : 13111222910046110799483359390360594808832.0/10
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28914.284+/-0.000	χ^2/NDF : 3750544409376068216865789166292347912192.0/9

+ sign 21950.240+/-0.000 χ^2/NDF : 8782960075430
 All: 22144.871+/-0.000 χ^2/NDF : 1923150506
 - sign 22335.525+/-0.000 χ^2/NDF : 1043740168998

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 748.295+/-0.000 χ^2/NDF : 18816150767924141302329074652752642048.0/10

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

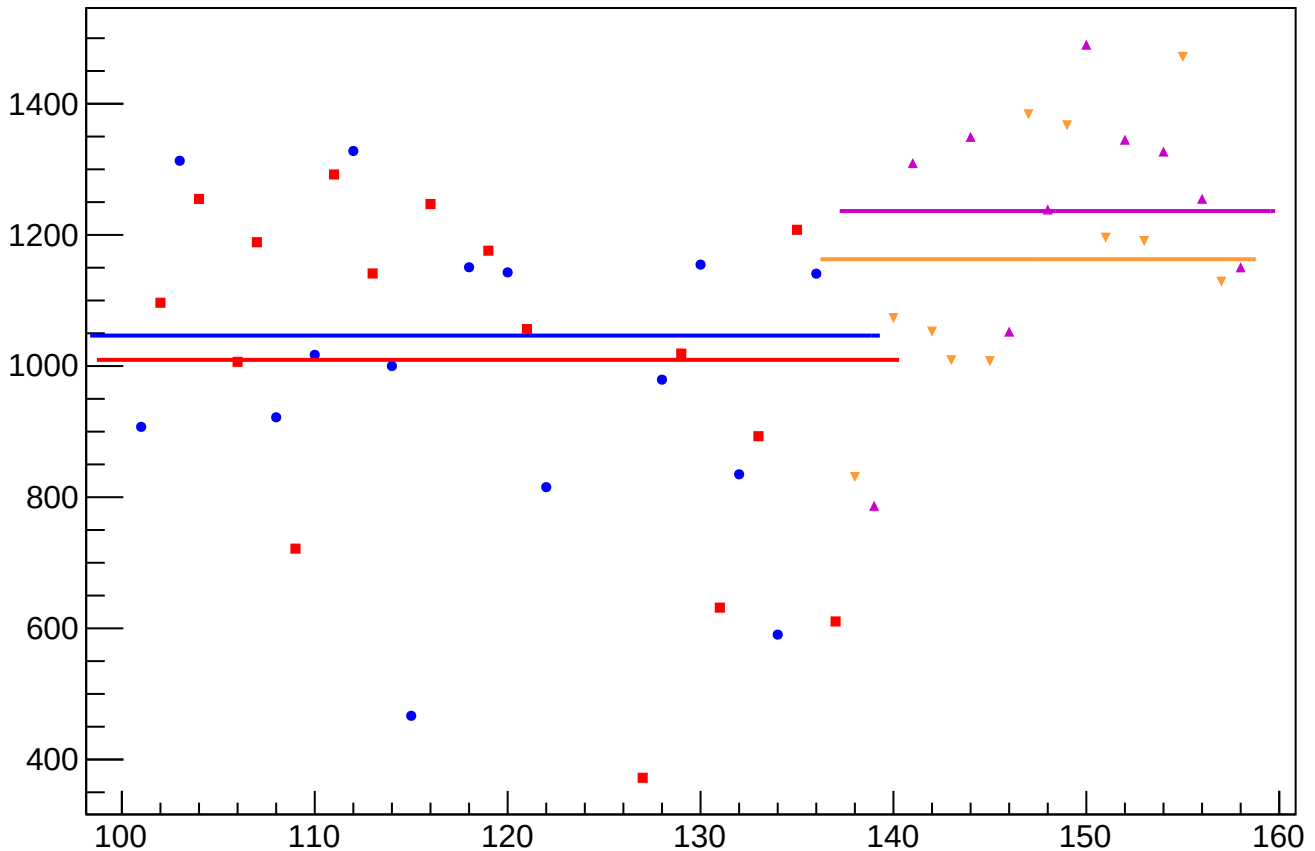
Left In: 806.047+/-0.000 χ^2/NDF : 24738773719393861376001039181899890688.0/9

+ sign 685.727+/-0.000 χ^2/NDF : 215720175678525

All: 733.966+/-0.000 χ^2/NDF : 126985462000

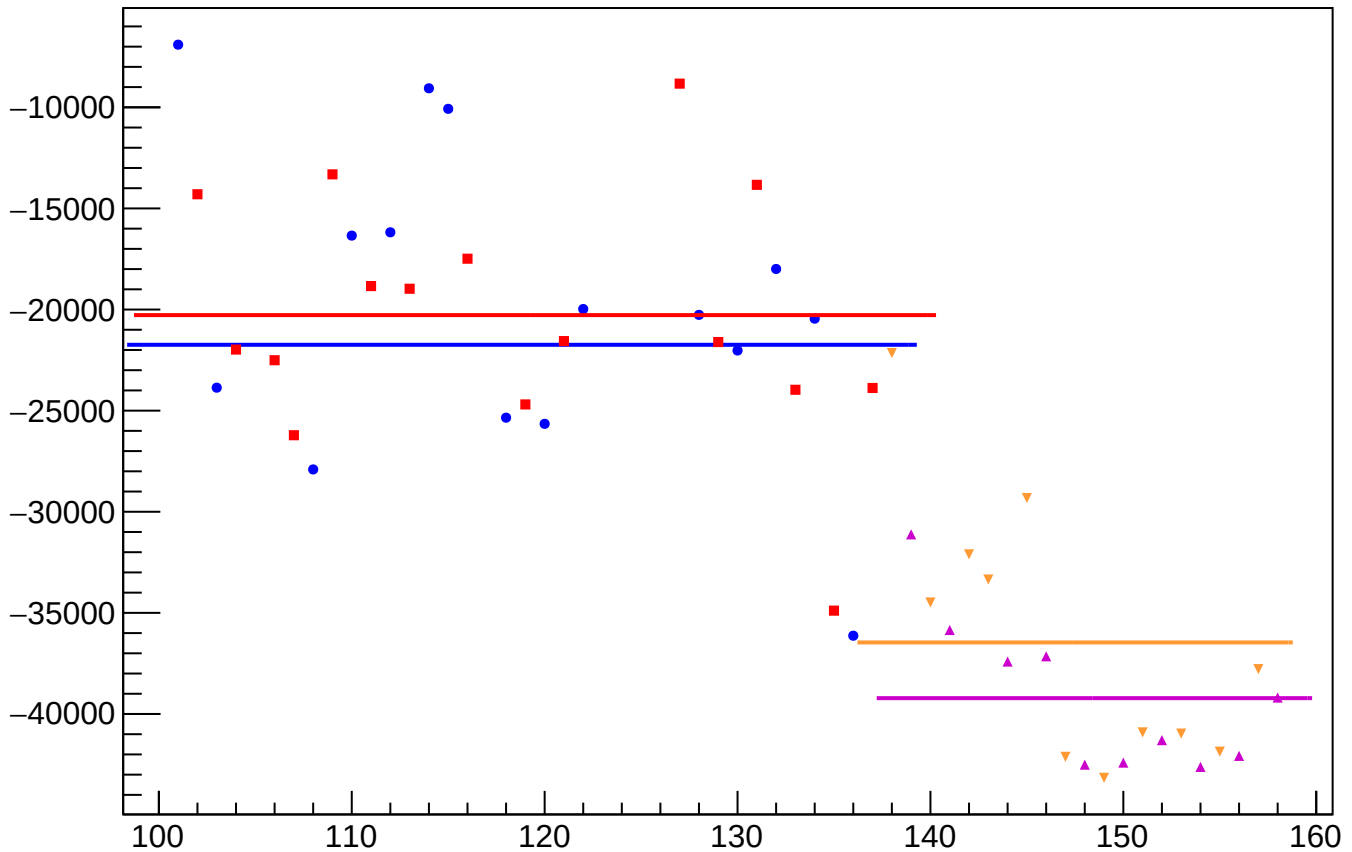
- sign 781.220+/-0.000 χ^2/NDF : 104728907887204

dit_atr1_coil1_Ndata_mean vs Slug



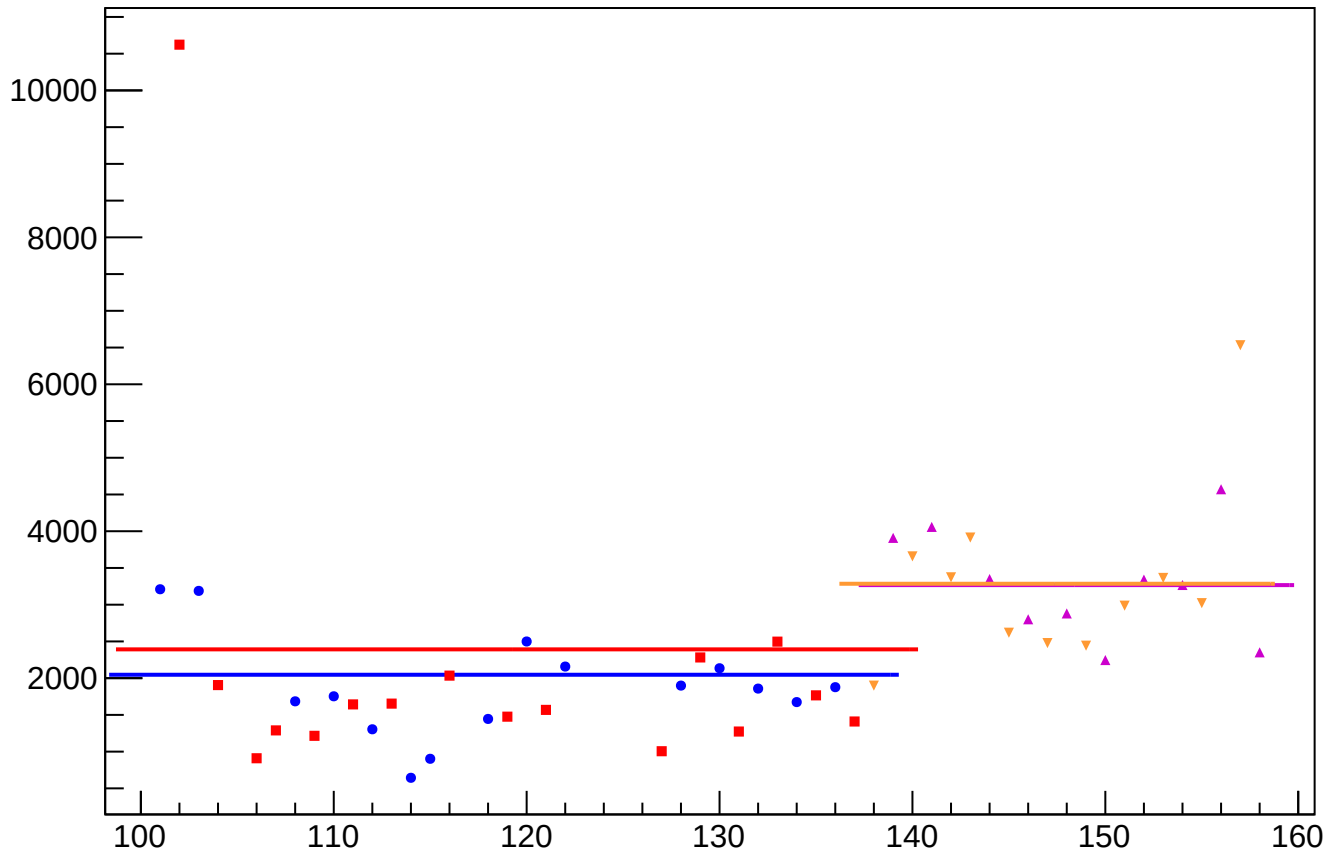
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -36461.986+/-0.000 χ^2/NDF : 33924429564953526251597972248611048652800.0/10
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39217.223+/-0.000 χ^2/NDF : 10815703752387492493258745309031108182016.0/9

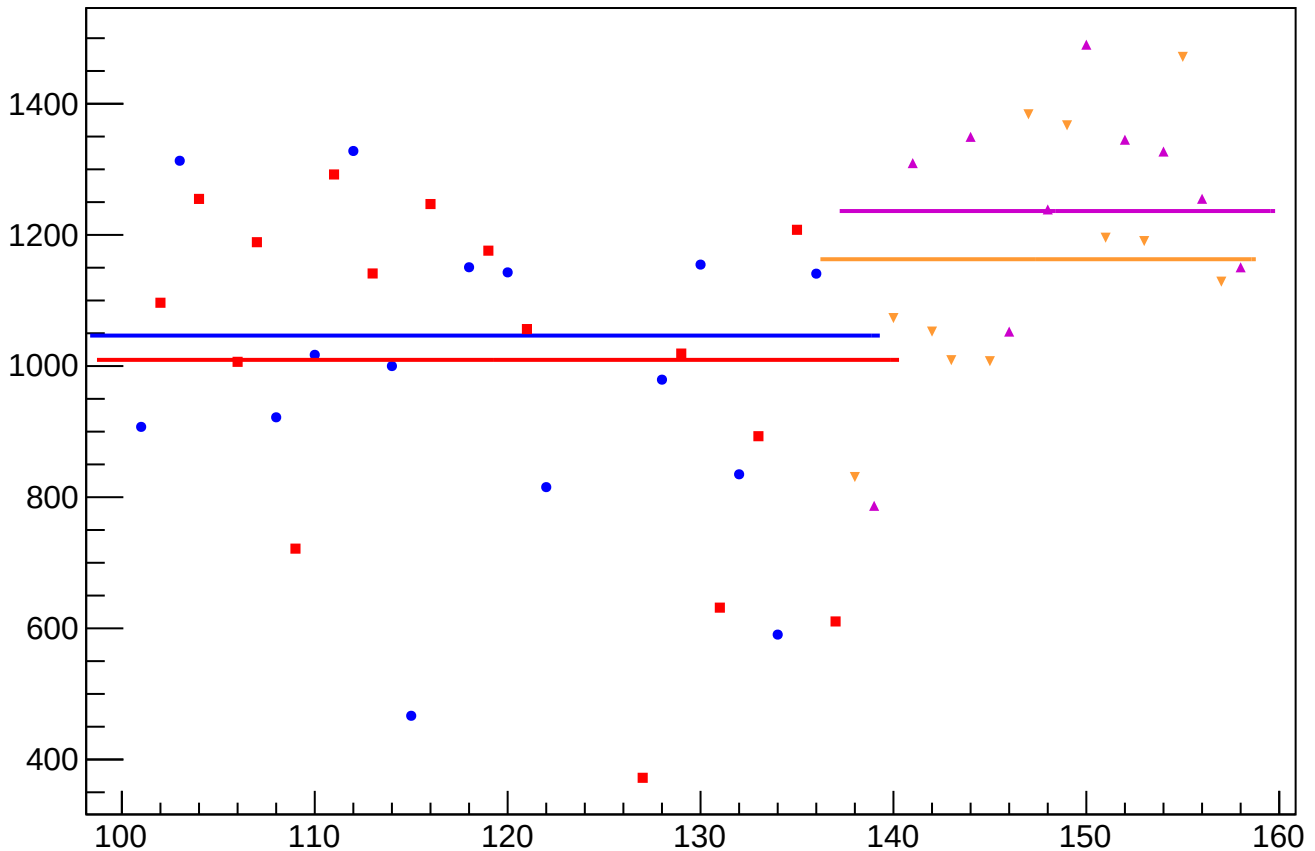
dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14
Left Out: 3284.931+/-0.000	χ^2/NDF : 1180415457370369113811137443174629244928.0/10
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15
Left In: 3266.512+/-0.000	χ^2/NDF : 417121876450529489717494335374488502272.0/9

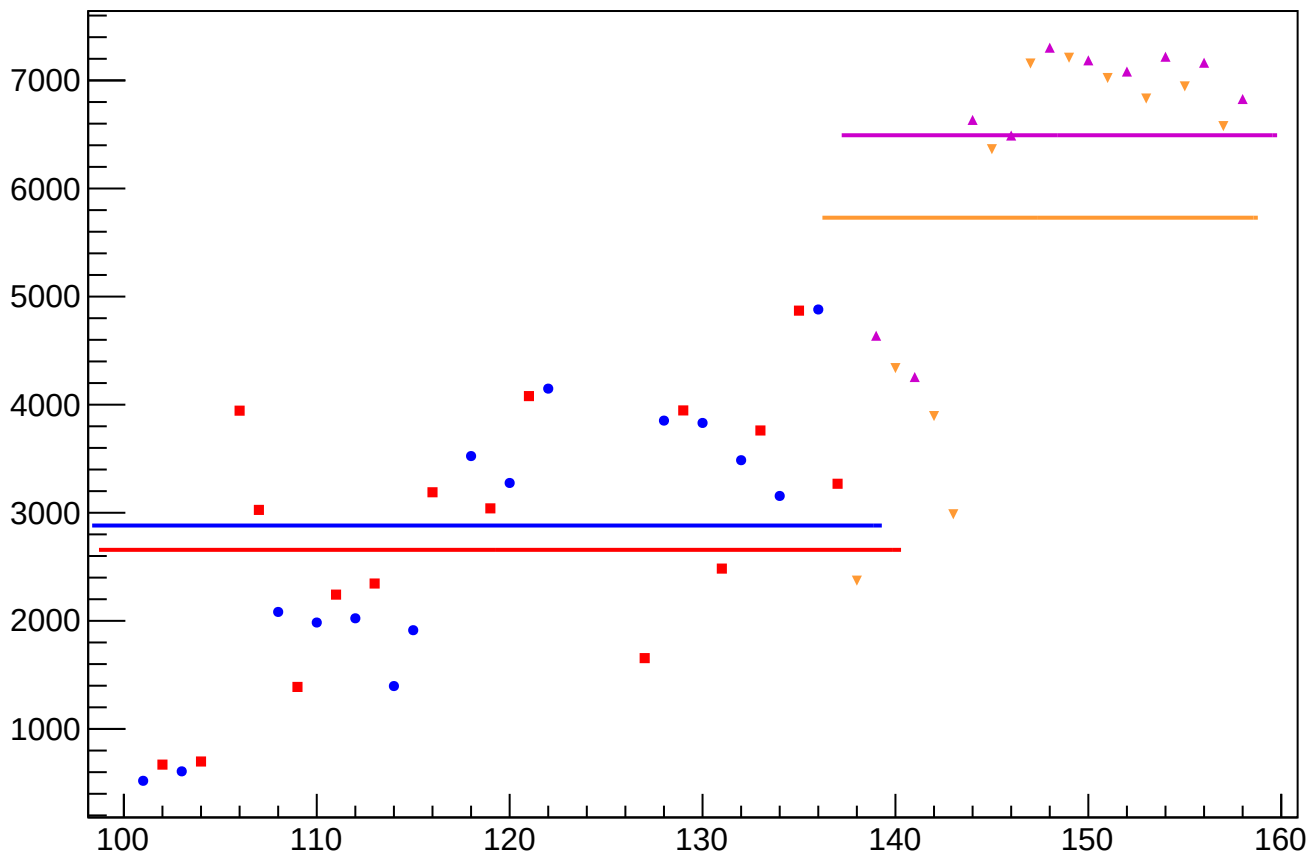
+ sign 2743.991+/-0.000 χ^2/NDF : 20077571467930
 All: 2813.696+/-0.000 χ^2/NDF : 71403252671
 - sign 2881.977+/-0.000 χ^2/NDF : 51182753818087

dit_atr2_coil1_Ndata_mean vs Slug



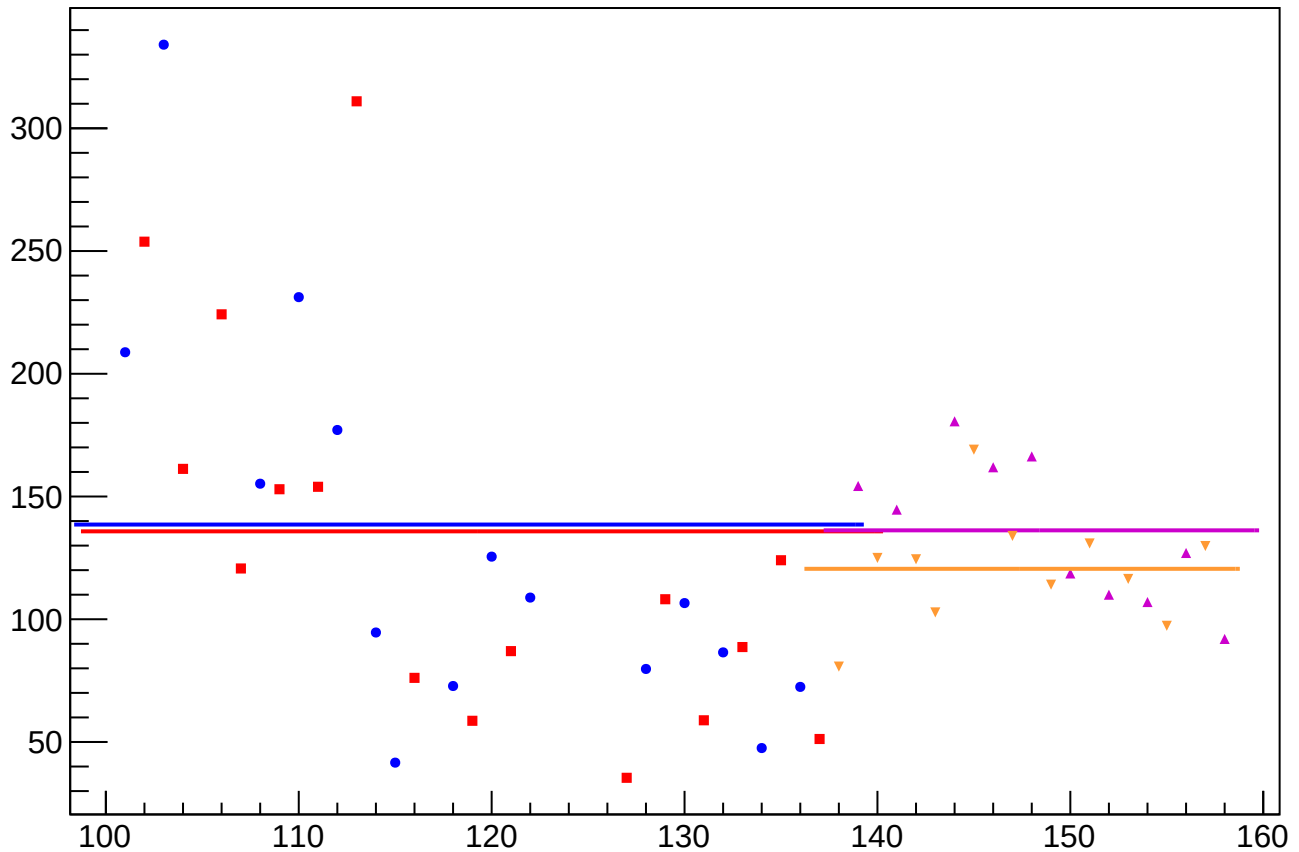
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam1_coil1_mean vs Slug



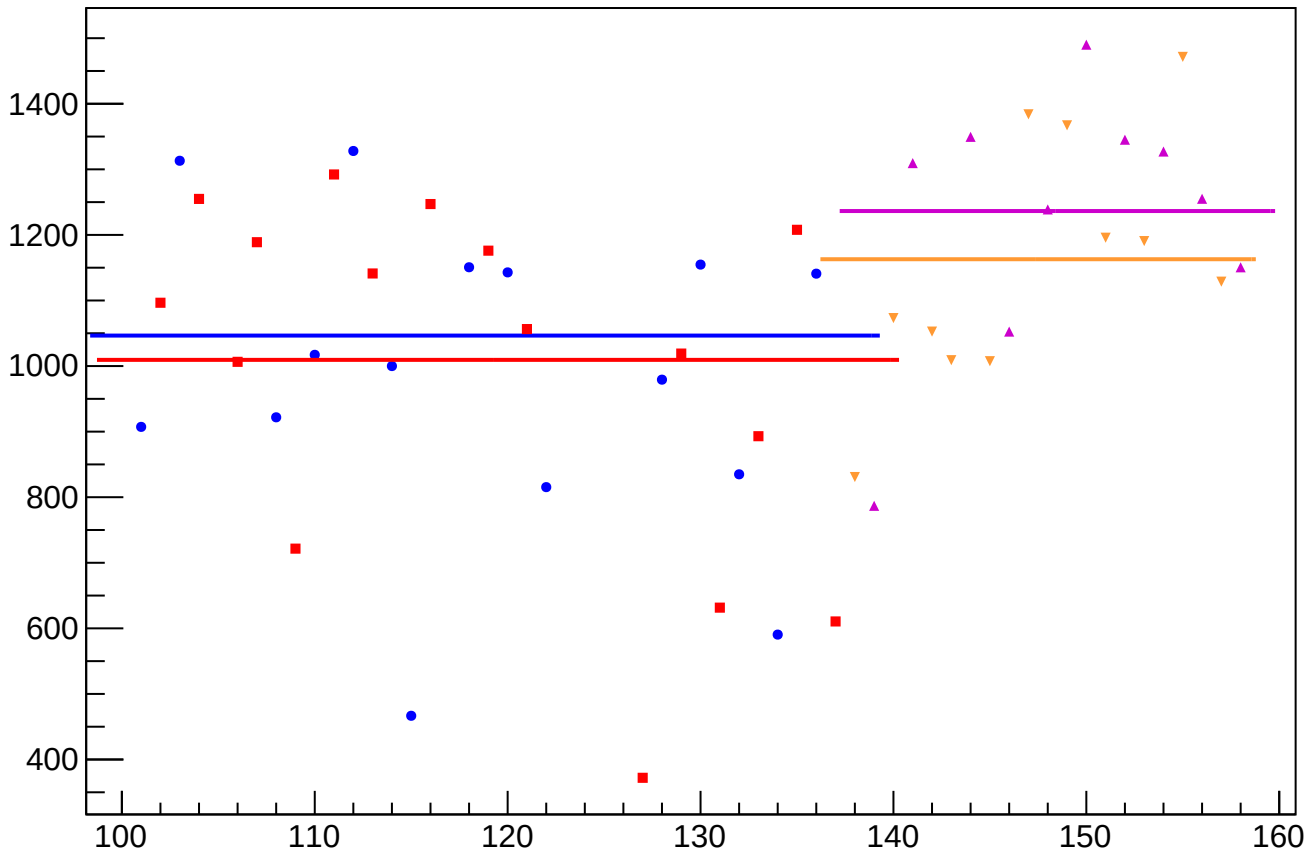
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5729.884+/-0.000 χ^2/NDF : 2479568562504378382594347376106329341952.0/10
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6492.695+/-0.000 χ^2/NDF : 926874762555710421035383800661314371584.0/9

dit_sam1_coil1_err_mean vs Slug



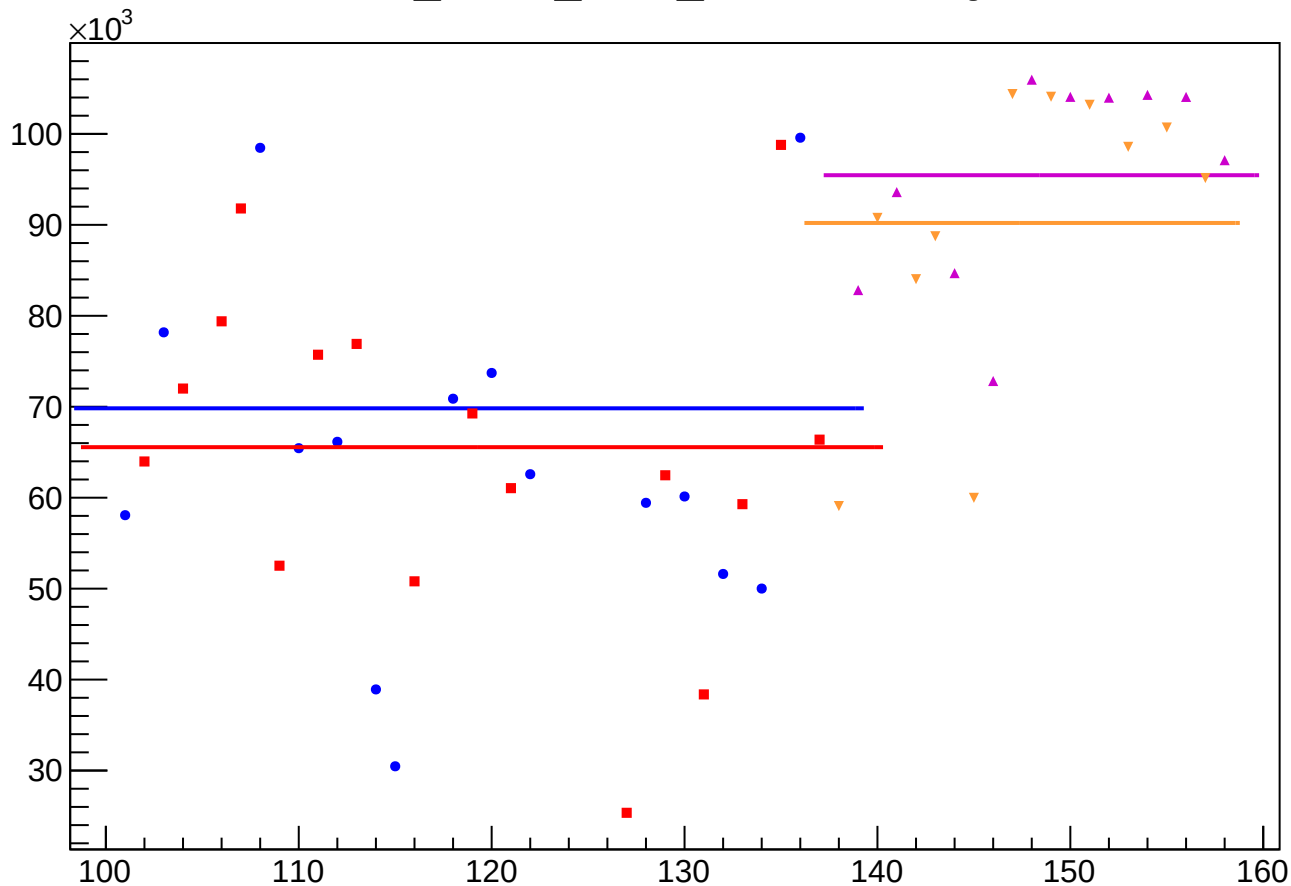
Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 128.421+/-0.000	χ^2/NDF : 477628049387894
Left Out: 120.546+/-0.000	χ^2/NDF : 415065178235742194735663625892003840.0/10	All: 132.268+/-0.000	χ^2/NDF : 944438959895
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- sign 136.036+/-0.000	χ^2/NDF : 462457694065716
Left In: 136.215+/-0.000	χ^2/NDF : 668113471543129529116732367803777024.0/9		

dit_sam1_coil1_Ndata_mean vs Slug



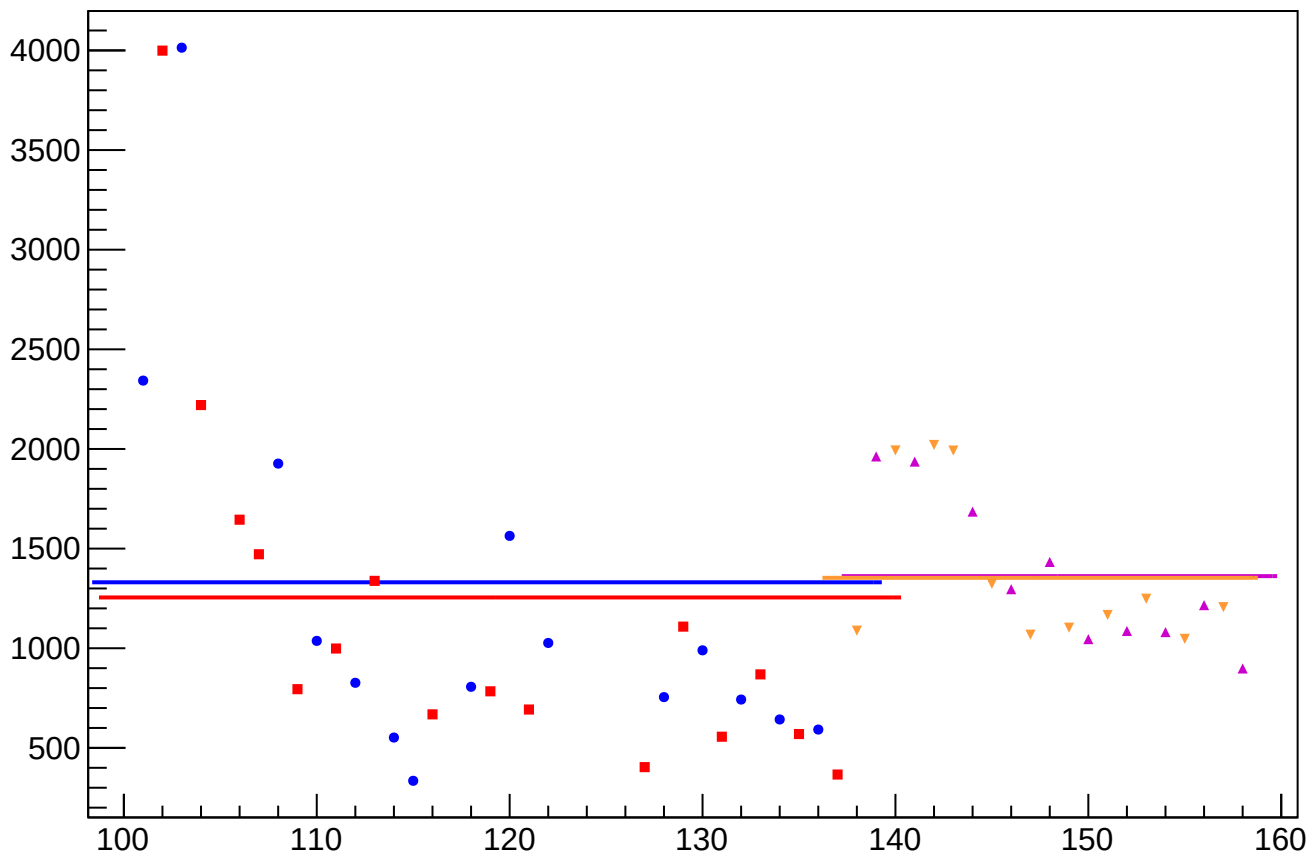
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam2_coil1_mean vs Slug



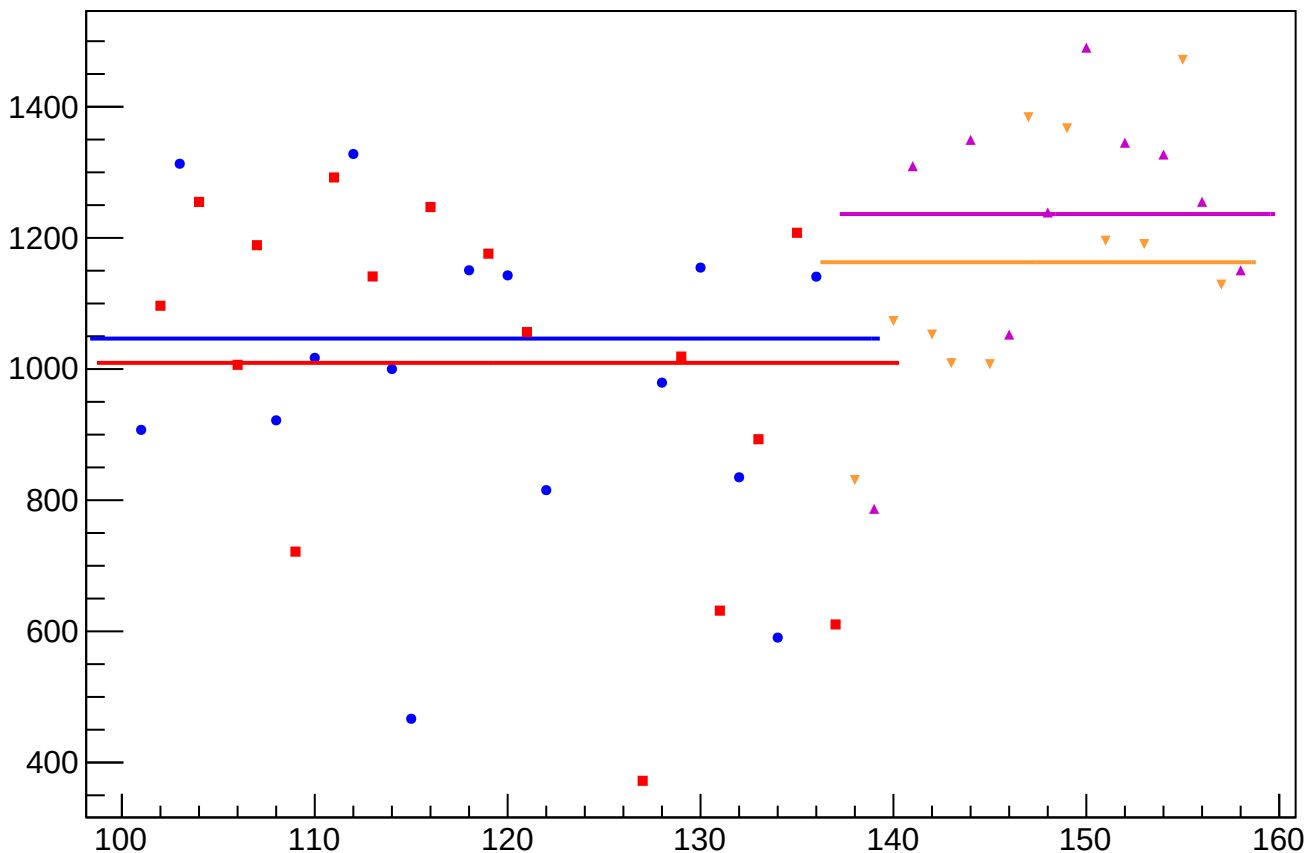
Right In: 69827.797 $\pm$ 0.000 χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
 Left Out: 90207.882 $\pm$ 0.000 χ^2 /NDF: 213028502840276878241078014382531699277824.0/10
 Right Out: 65555.147 $\pm$ 0.000 χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
 Left In: 95458.028 $\pm$ 0.000 χ^2 /NDF: 101475632403014531675284351140153339674624.0/9

dit_sam2_coil1_err_mean vs Slug



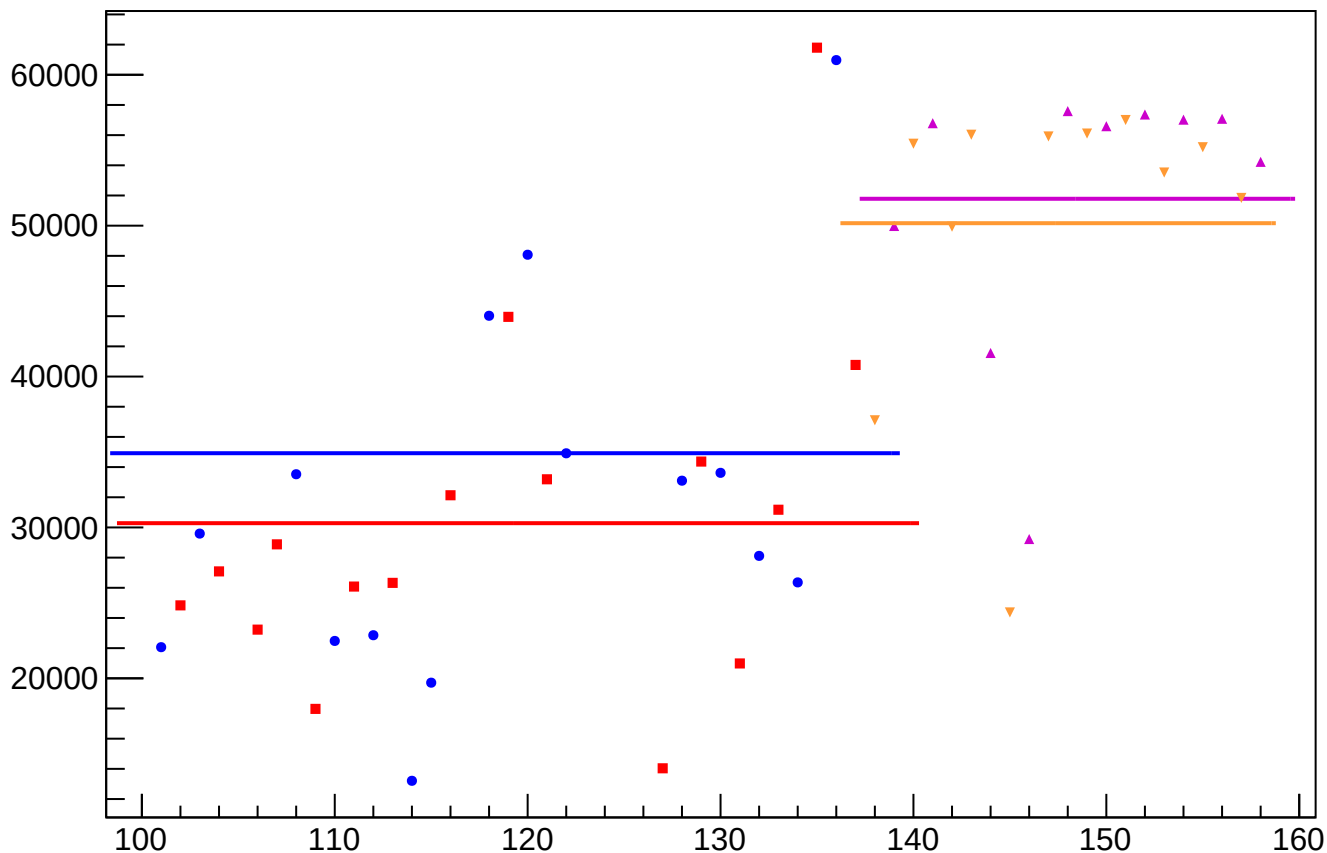
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1353.448+/-0.000 χ^2/NDF : 111283236771663904540357217605797281792.0/10
 Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1361.879+/-0.000 χ^2/NDF : 109209888683695341874490884585131343872.0/9

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

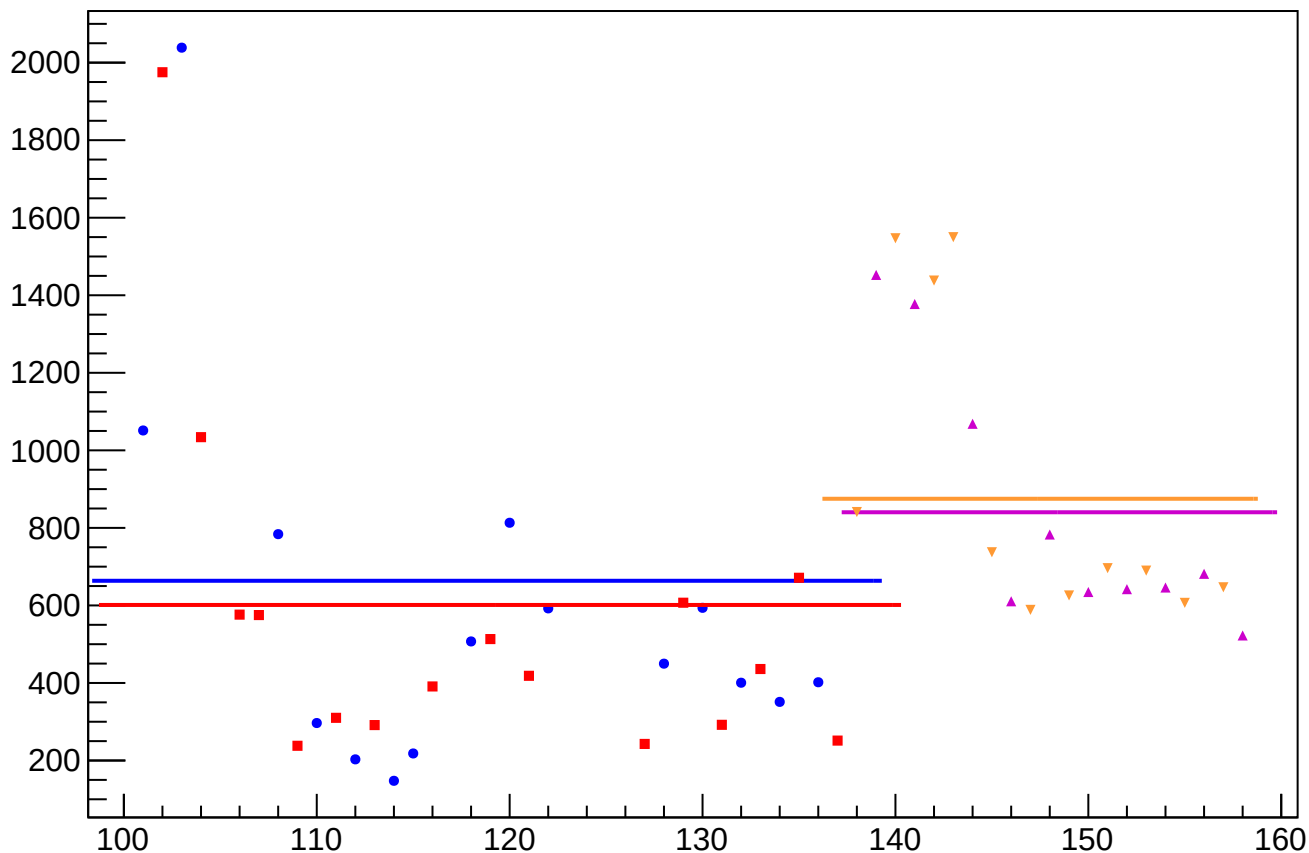
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 50164.164+/-0.000	χ^2/NDF : 84143532796320271711330775867178170187776.0/10
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 51781.969+/-0.000	χ^2/NDF : 66733465040190582939715908032157506863104.0/9

+ sign 43506.259+/-0.000 χ^2/NDF : 2754831436754
 All: 42911.527+/-0.000 χ^2/NDF : 6043539191
 - sign 42328.949+/-0.000 χ^2/NDF : 3278303039750

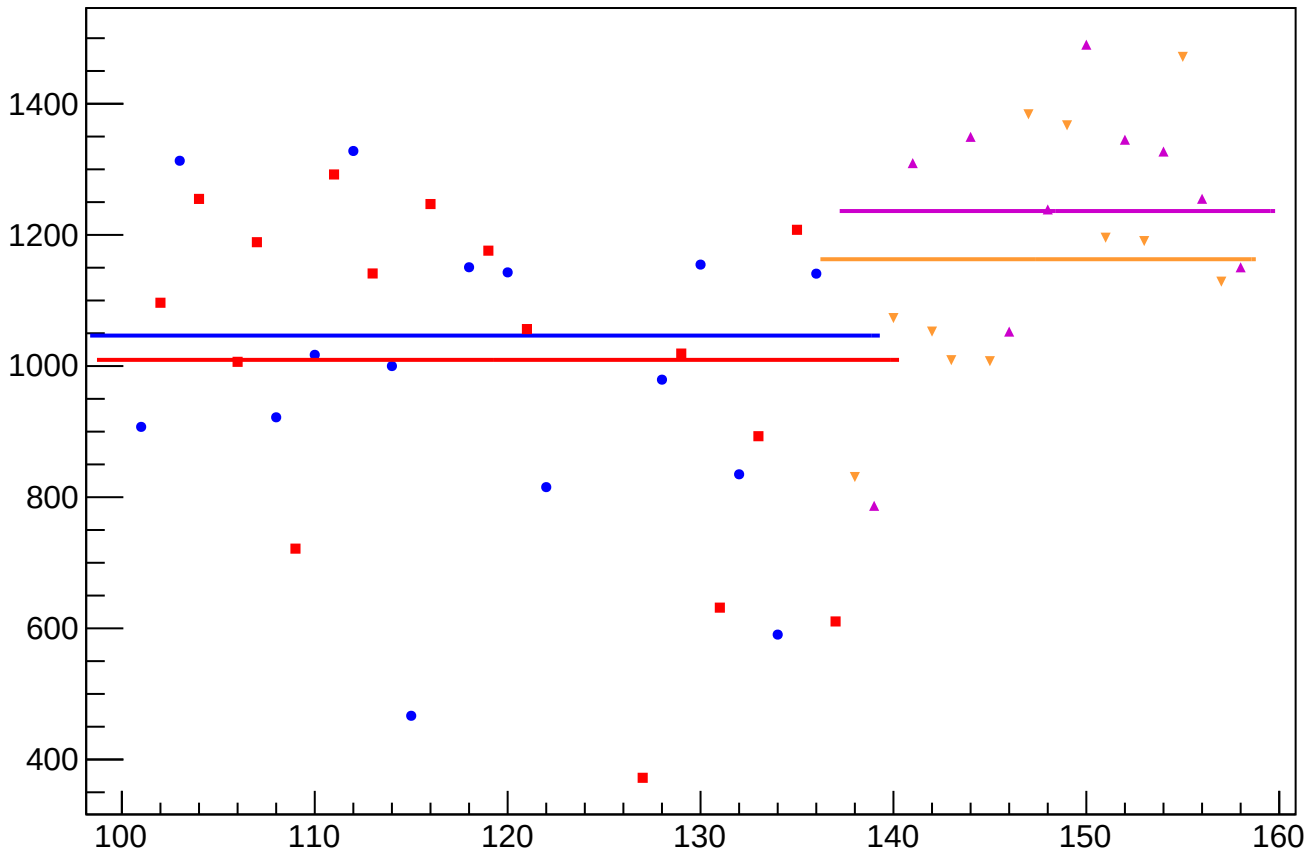
dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000	χ^2/NDF : 157691812872720822886914966597312446464.0/14
Left Out: 875.113+/-0.000	χ^2/NDF : 110626797130874126410547030191622848512.0/10
Right Out: 601.216+/-0.000	χ^2/NDF : 149717884331889332339995334350831878144.0/15
Left In: 840.300+/-0.000	χ^2/NDF : 84988014253146343265773178276773101568.0/9

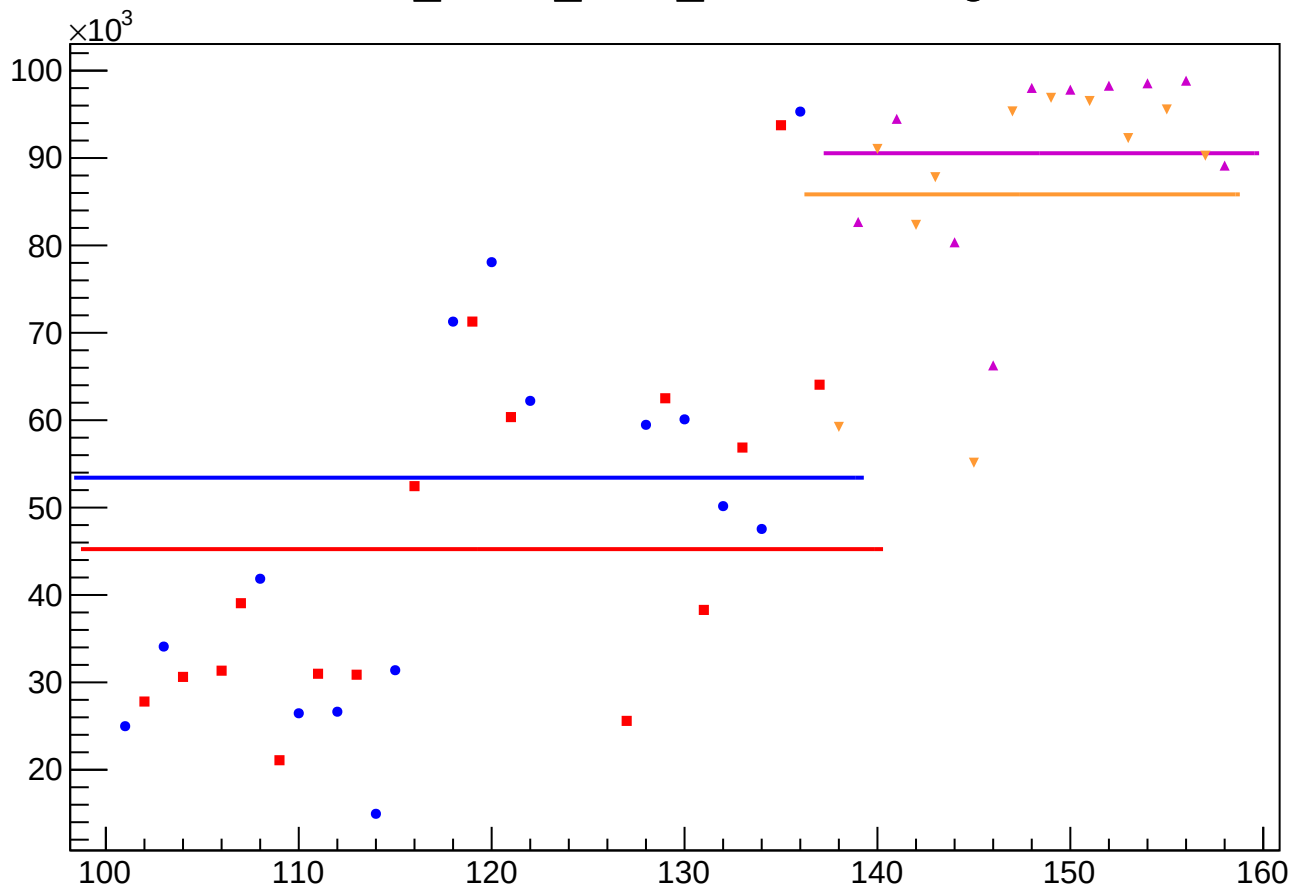
+ sign 782.725+/-0.000 χ^2/NDF : 284676745164476
 All: 758.706+/-0.000 χ^2/NDF : 54244245088
 - sign 735.179+/-0.000 χ^2/NDF : 256068718720651

dit_sam3_coil1_Ndata_mean vs Slug



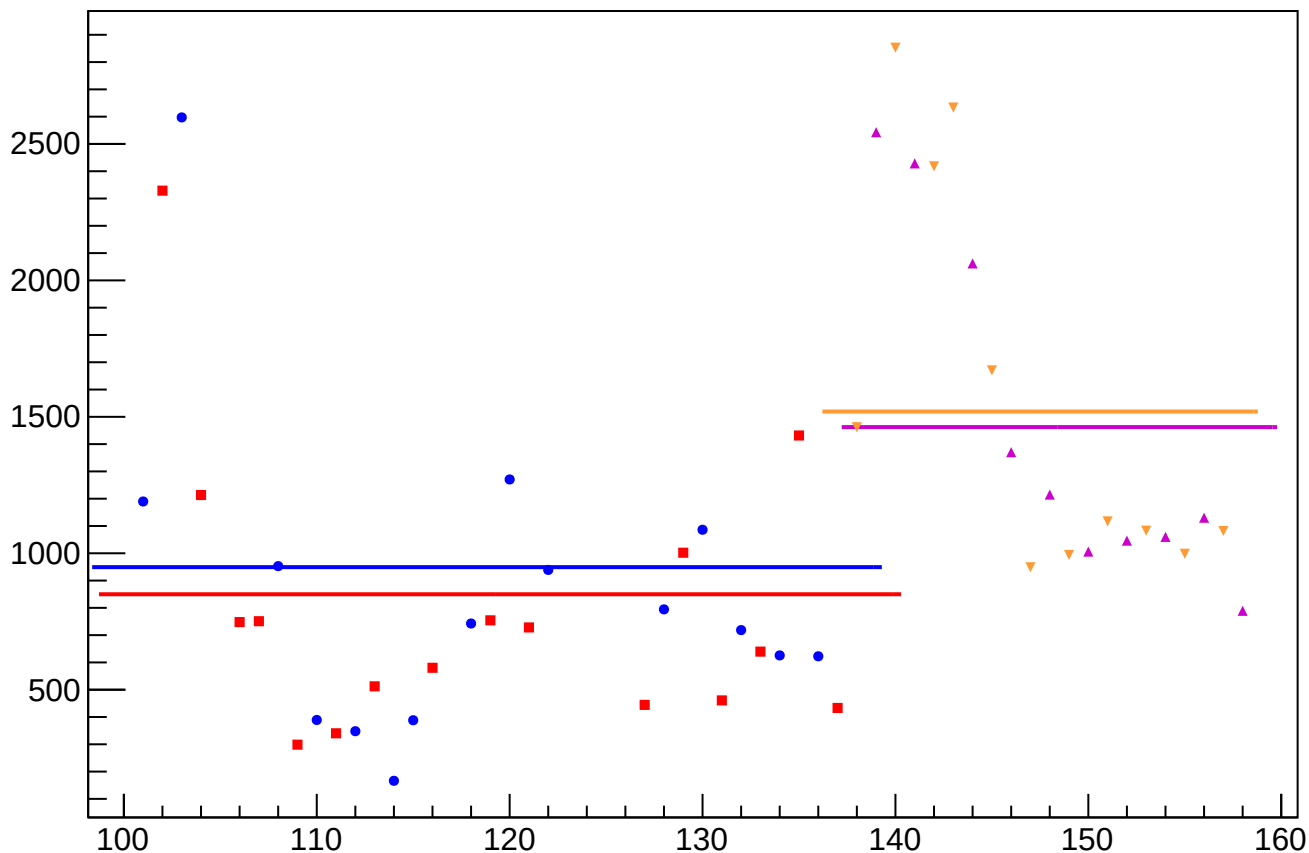
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam4_coil1_mean vs Slug



Right In: 53422.452 $\pm$ 0.000 χ^2 /NDF: 360635757315133800133751123167777346551808.0/14
 Left Out: 85840.997 $\pm$ 0.000 χ^2 /NDF: 173303092413371489604749461311545191432192.0/10
 Right Out: 45247.617 $\pm$ 0.000 χ^2 /NDF: 286060196488034430215784613374055547928576.0/15
 Left In: 90548.283 $\pm$ 0.000 χ^2 /NDF: 90567192367581144642840115220725171748864.0/9

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197 ± 0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1519.410 ± 0.000 χ^2/NDF : 382328919328692769466838824685118947328.0/10

Right Out: 849.827 ± 0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

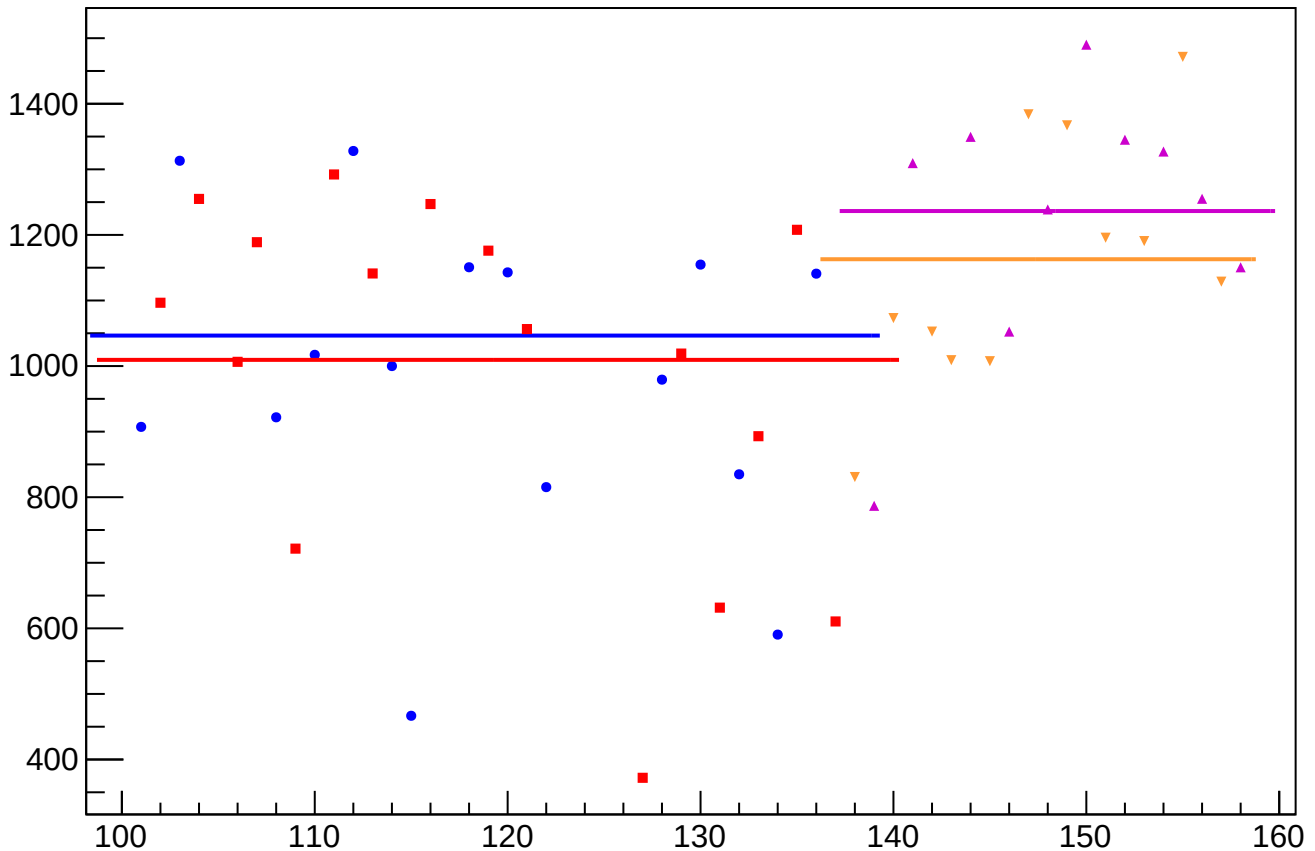
Left In: 1462.413 ± 0.000 χ^2/NDF : 305754579689442350243410753812753809408.0/9

+ sign 1270.373 ± 0.000 χ^2/NDF : 72687715149850

All: 1231.322 ± 0.000 χ^2/NDF : 13819869928

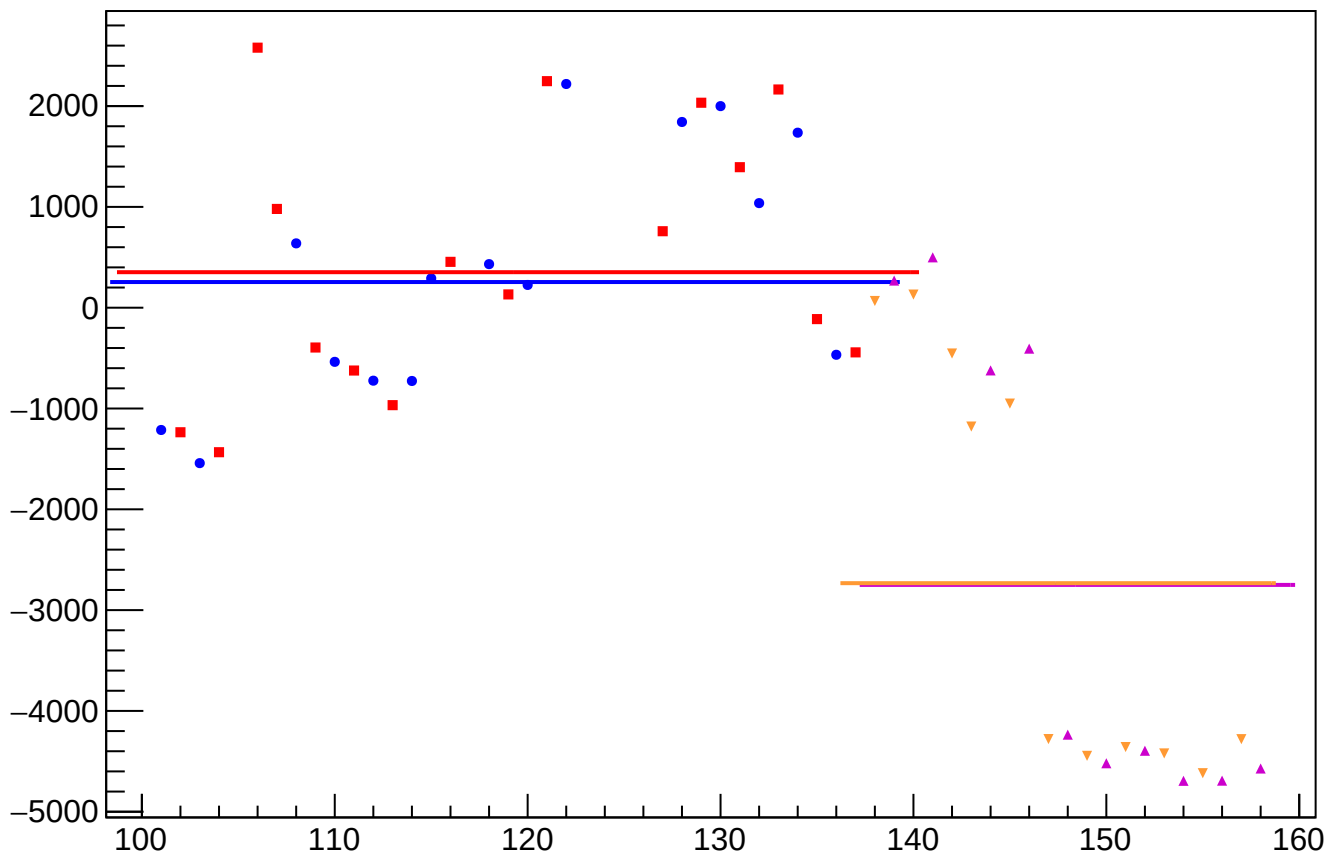
- sign 1193.069 ± 0.000 χ^2/NDF : 65062382117760

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam5_coil1_mean vs Slug



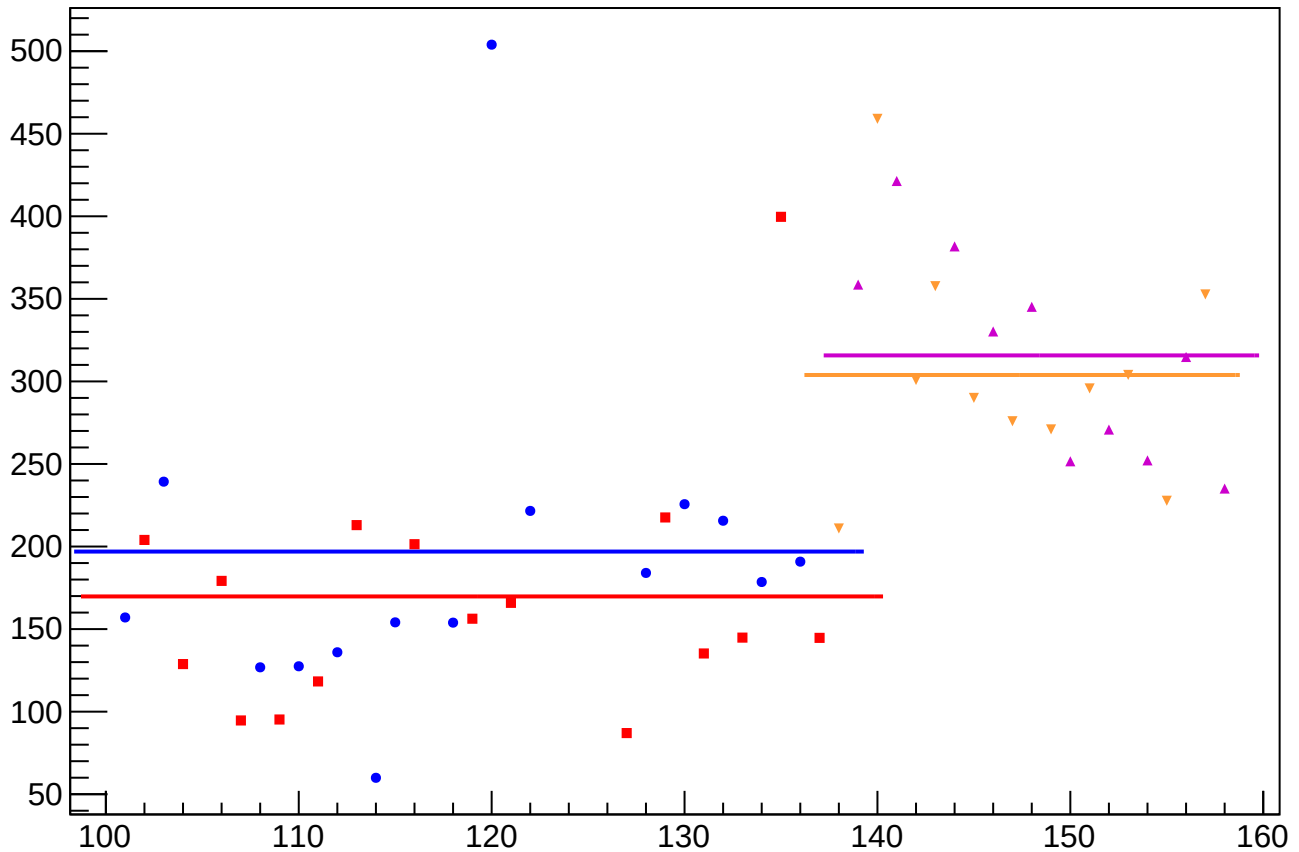
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -2732.741+/-0.000 χ^2/NDF : 3293457393682964386601774597728800604160.0/10

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

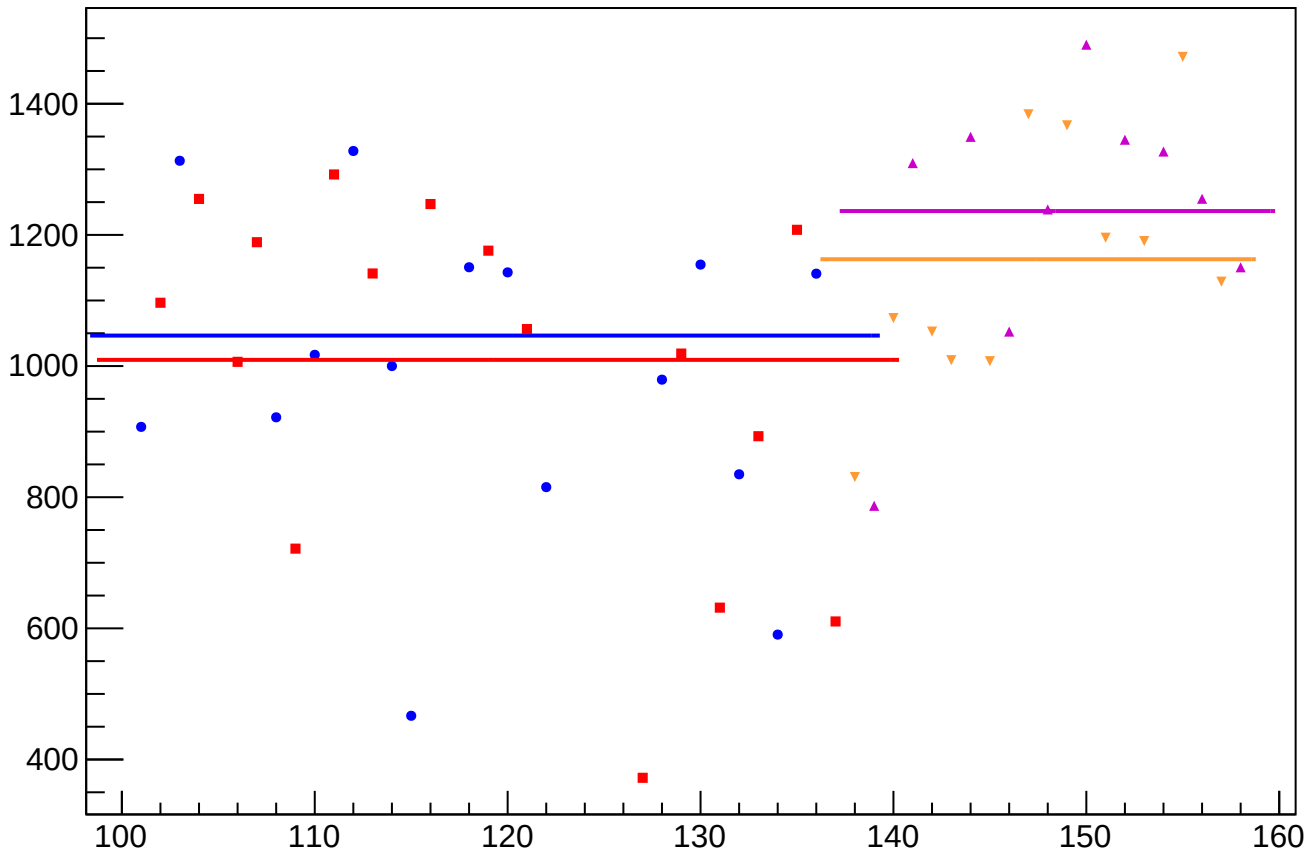
Left In: -2749.937+/-0.000 χ^2/NDF : 4106947742091475953709574128361512370176.0/9

dit_sam5_coil1_err_mean vs Slug



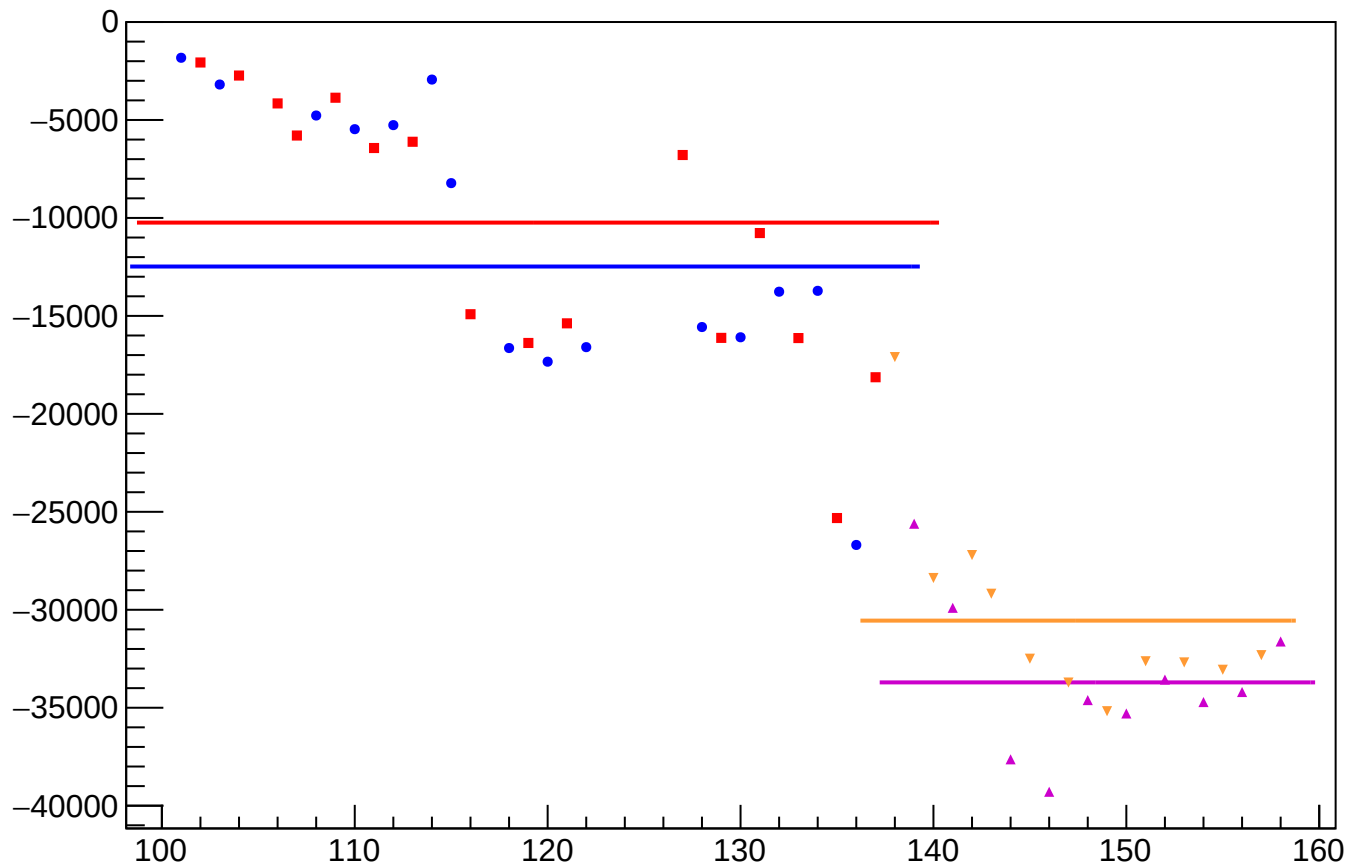
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.187+/-0.000	χ^2/NDF : 123321471636863
Left Out: 303.890+/-0.000	χ^2/NDF : 3666820197416052672735674065641013248.0/10	All: 254.348+/-0.000	χ^2/NDF : 272232813516
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 251.568+/-0.000	χ^2/NDF : 148674319169805
Left In: 315.748+/-0.000	χ^2/NDF : 3011618513660146198341193194490822656.0/9		

dit_sam5_coil1_Ndata_mean vs Slug



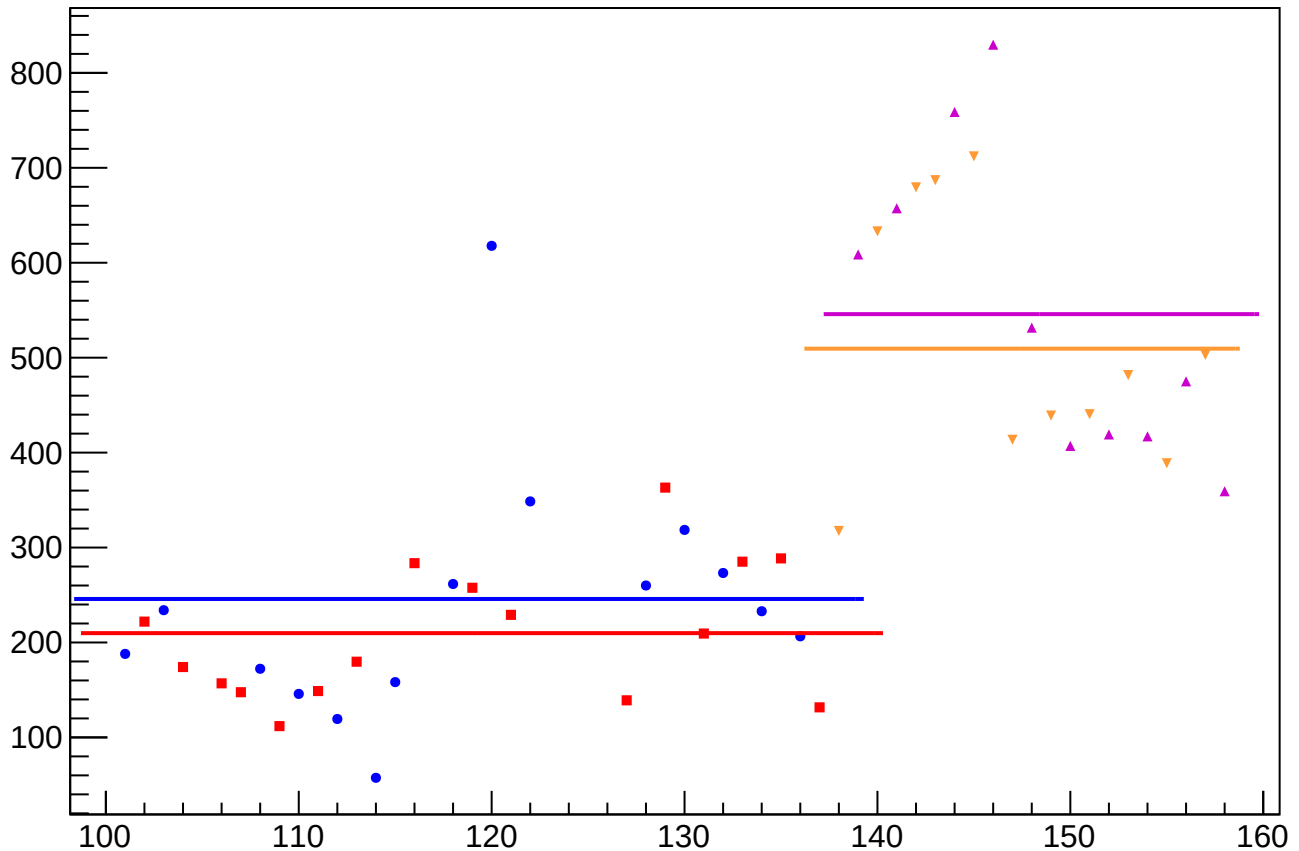
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam6_coil1_mean vs Slug



Right In: -12479.653 +/- 0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -30553.109 +/- 0.000 χ^2/NDF : 19490507462947588979155444792850900844544.0/10
 Right Out: -10238.098 +/- 0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33706.326 +/- 0.000 χ^2/NDF : 11264837915074792492867205037539656204288.0/9

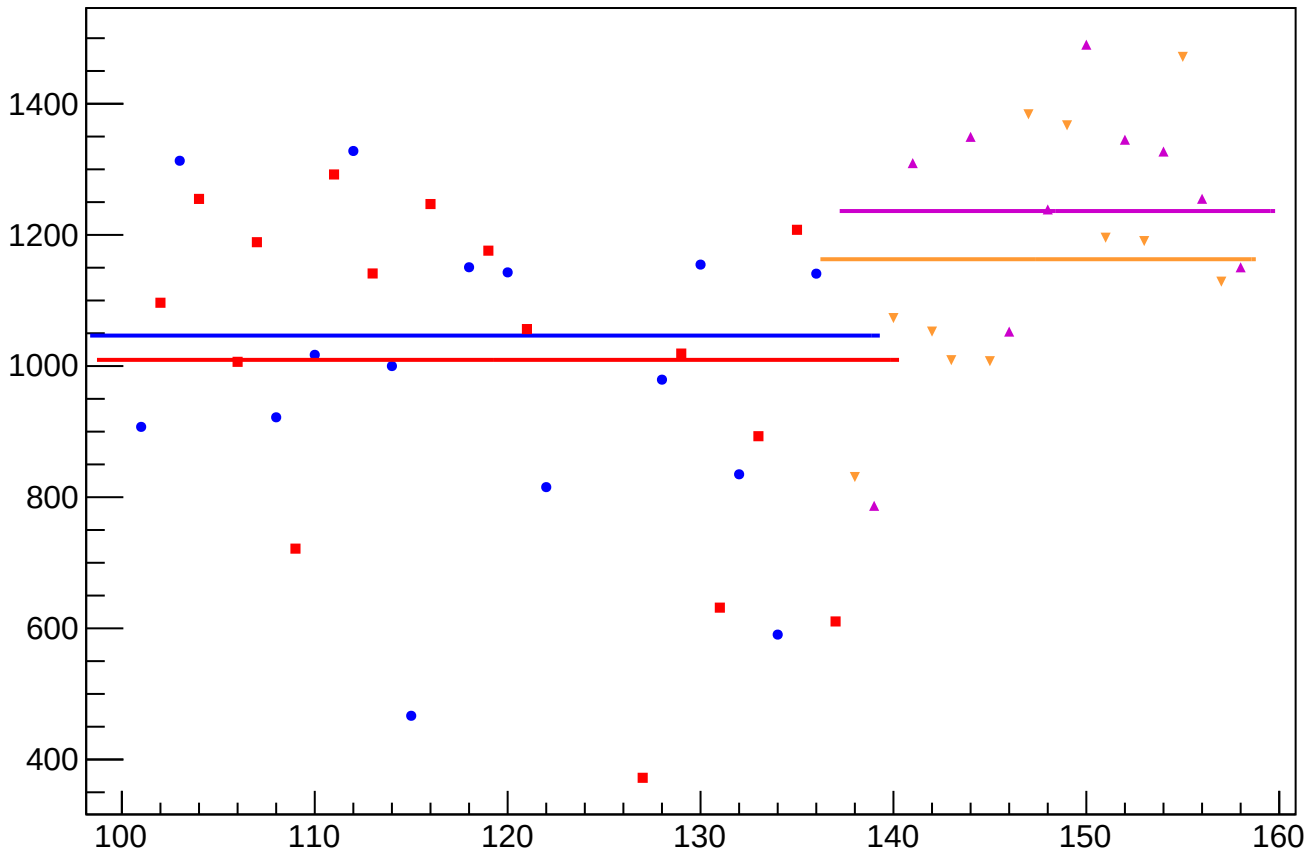
dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14
Left Out: 509.505+/-0.000	χ^2/NDF : 13626484190126685178565607827299106816.0/10
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15
Left In: 545.864+/-0.000	χ^2/NDF : 19964352459691075511636575309768163328.0/9

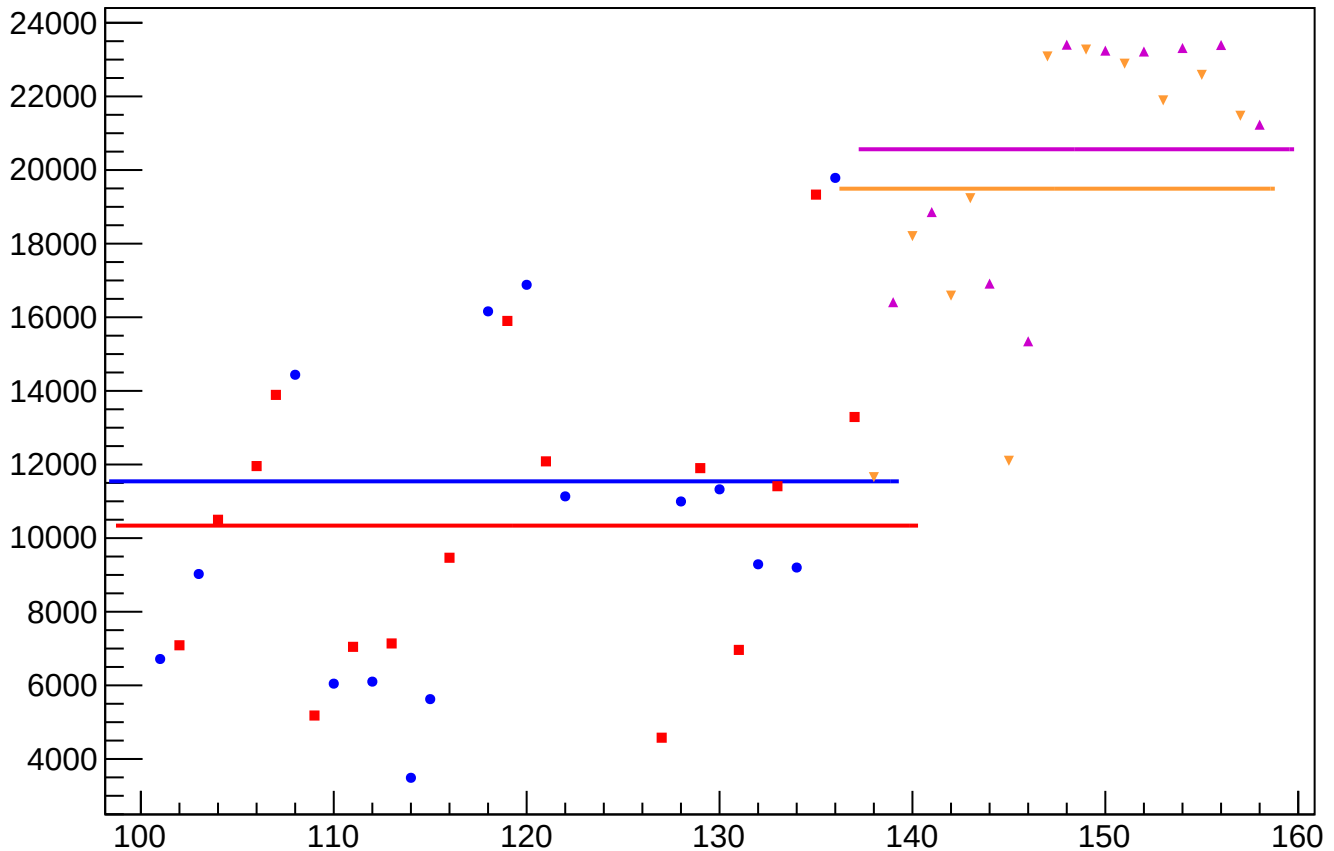
+ sign 394.348+/-0.000 χ^2/NDF : 468692449894660
 All: 396.254+/-0.000 χ^2/NDF : 11217065303
 - sign 398.121+/-0.000 χ^2/NDF : 652907188292344

dit_sam6_coil1_Ndata_mean vs Slug



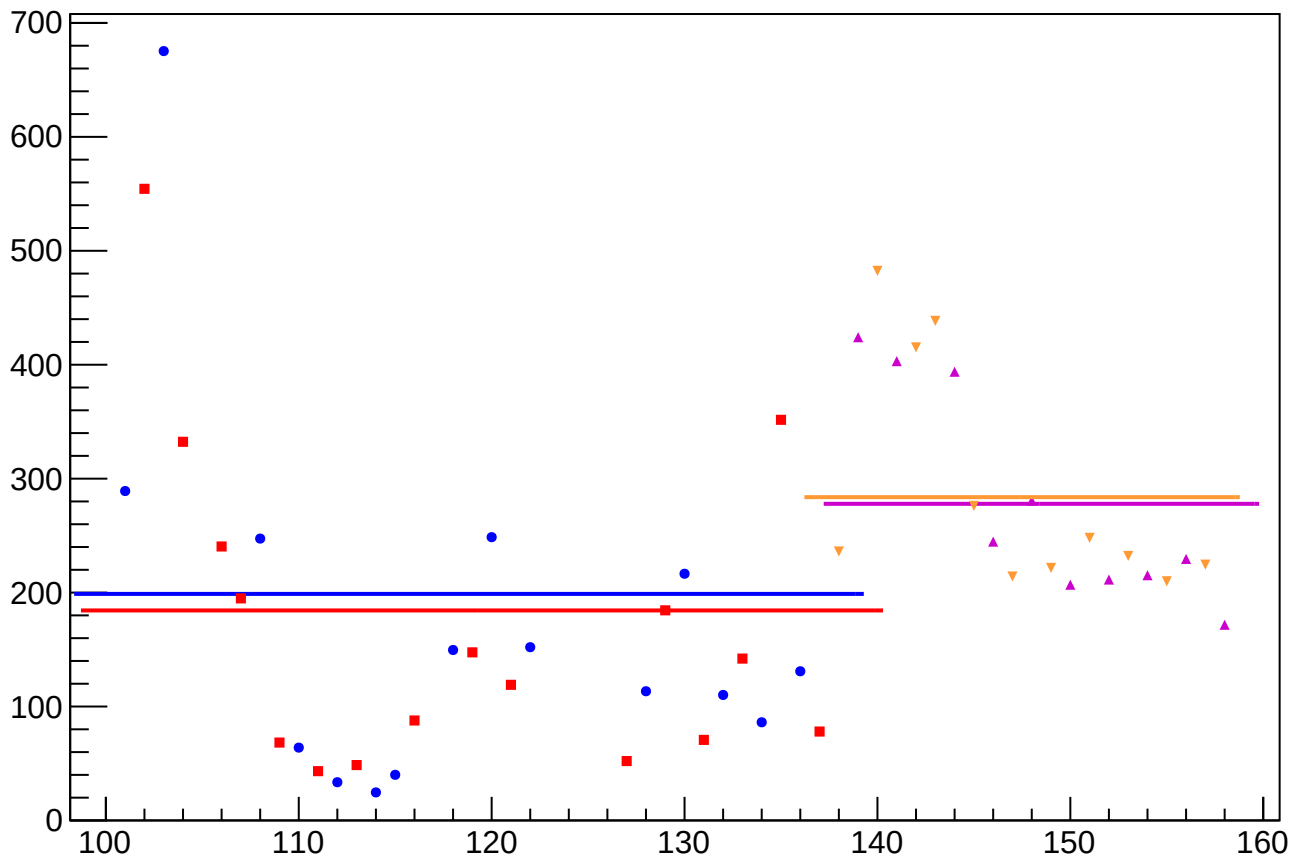
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19493.367+/-0.000 χ^2/NDF : 14403686146920603768443957350619670380544.0/10
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20564.157+/-0.000 χ^2/NDF : 8386345647759503780235608110289412685824.0/9

dit_sam7_coil1_err_mean vs Slug



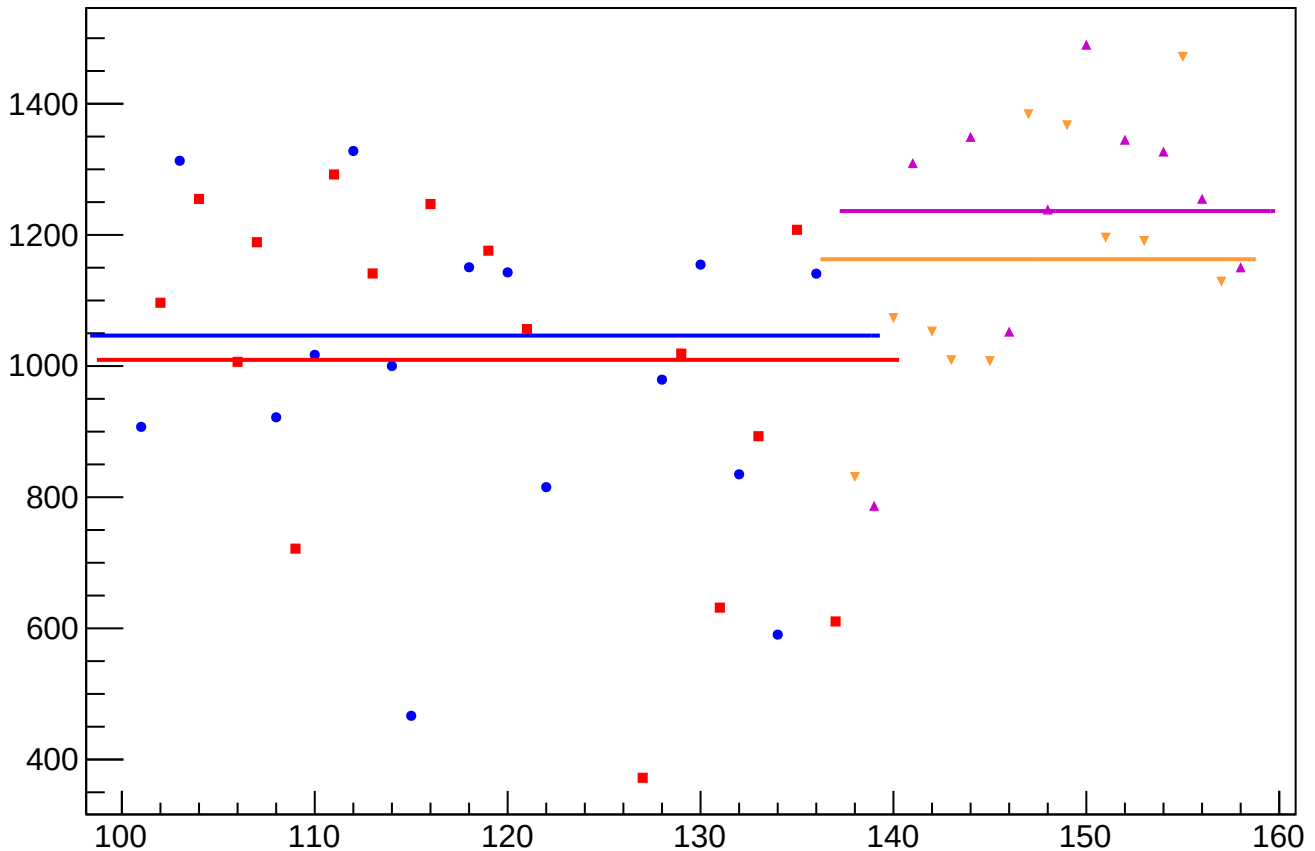
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 283.762+/-0.000 χ^2/NDF : 7557073207778532516631591669035171840.0/10

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

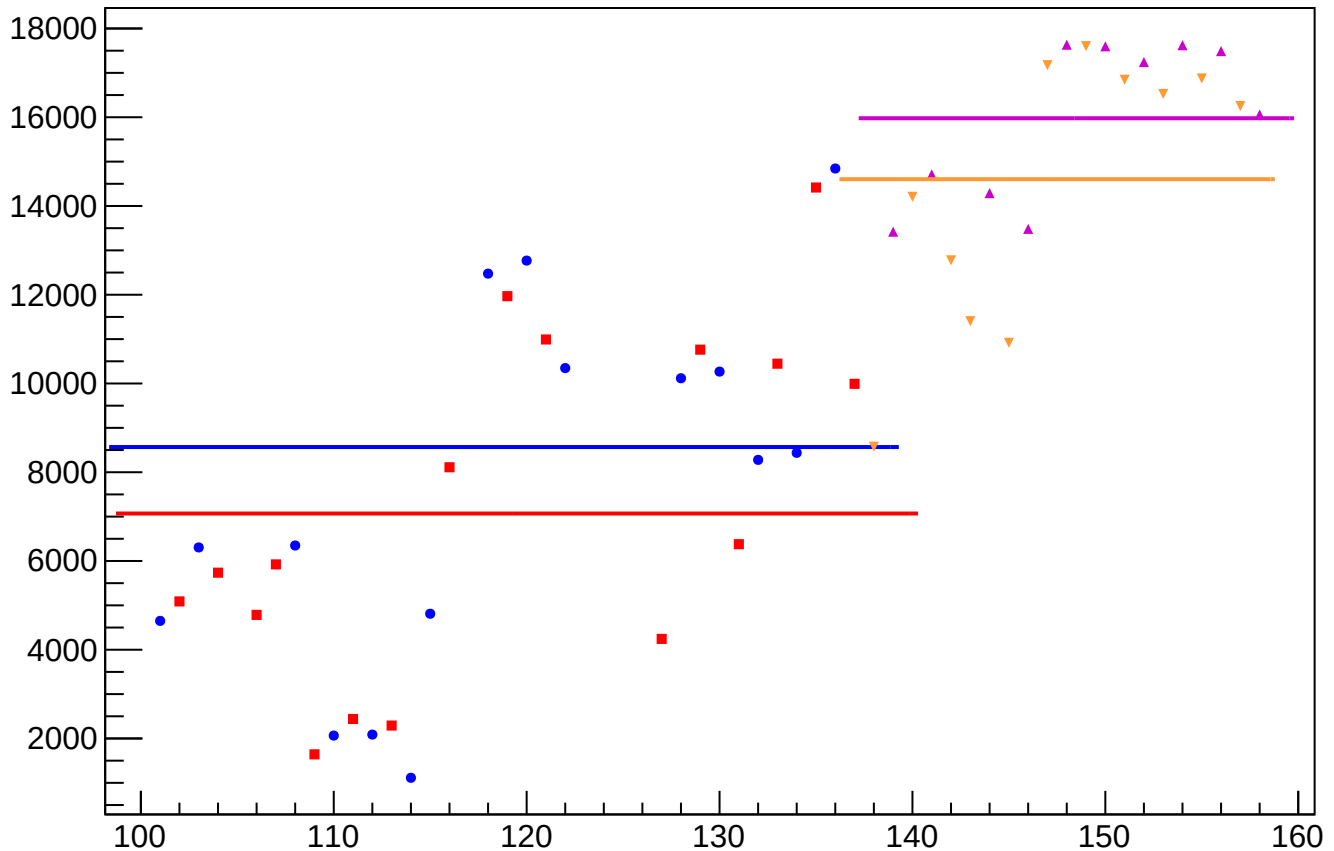
Left In: 277.919+/-0.000 χ^2/NDF : 6646167093782782282430285344535478272.0/9

dit_sam7_coil1_Ndata_mean vs Slug



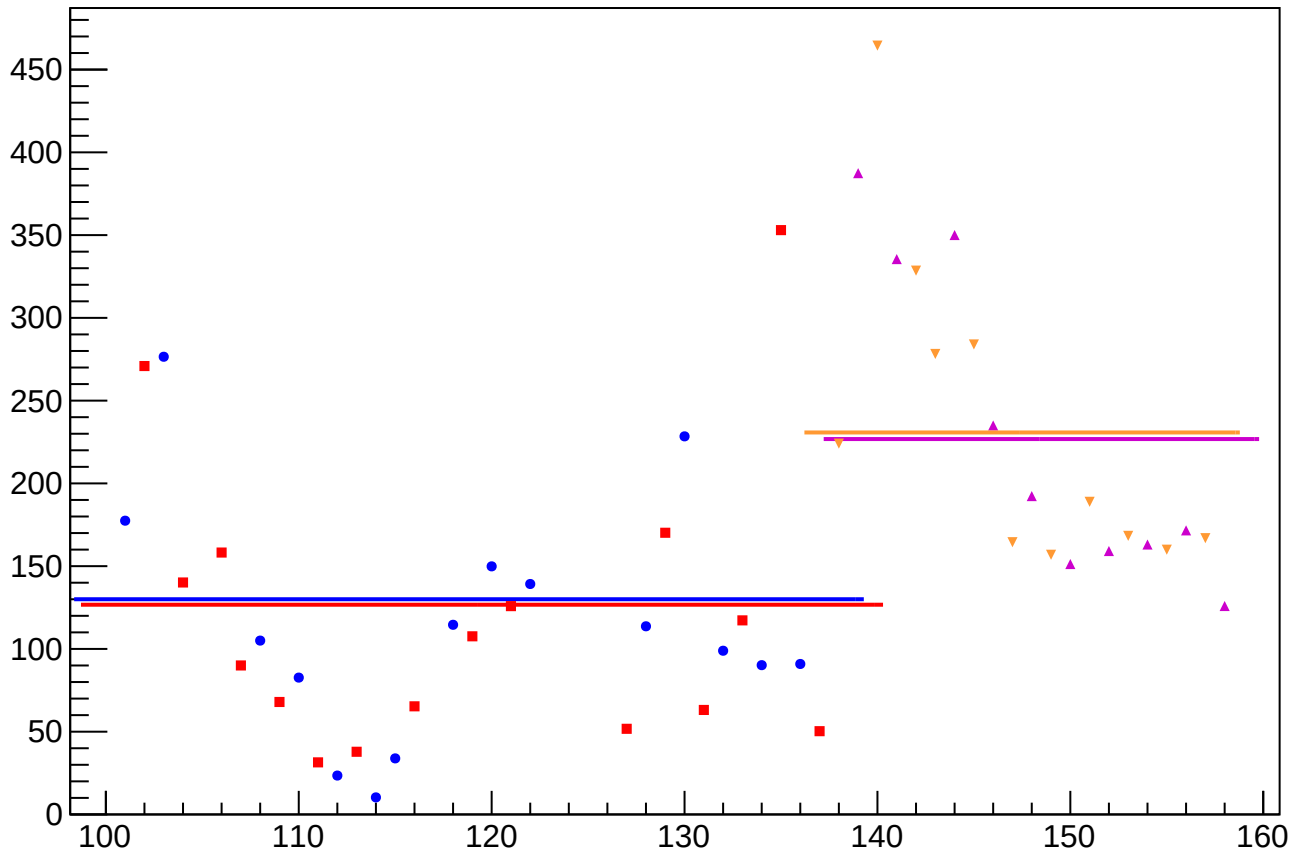
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam8_coil1_mean vs Slug



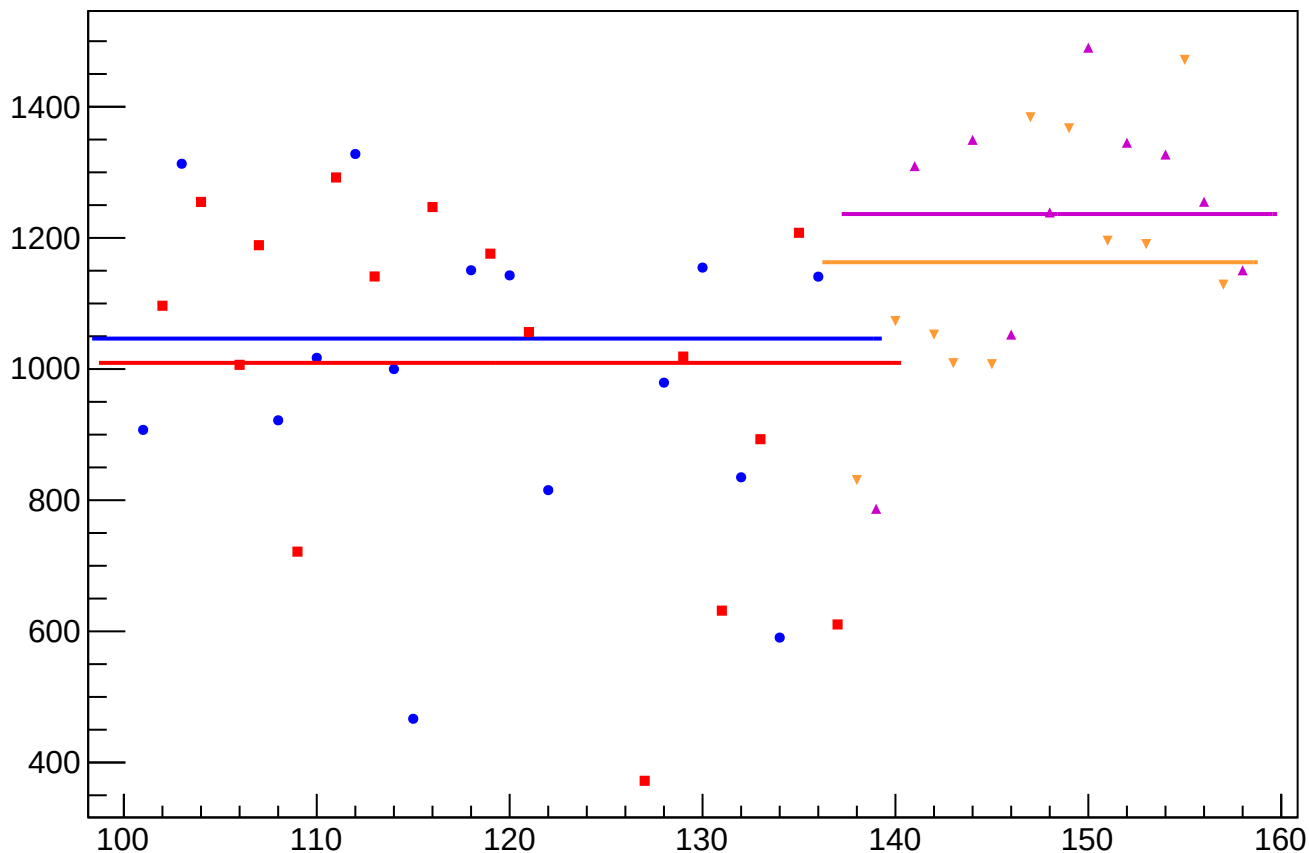
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14603.995+/-0.000 χ^2/NDF : 73863633723900477957666996049068736643072.0/10
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15977.375+/-0.000 χ^2/NDF : 2469319088731533526130583783769882230784.0/9

dit_sam8_coil1_err_mean vs Slug



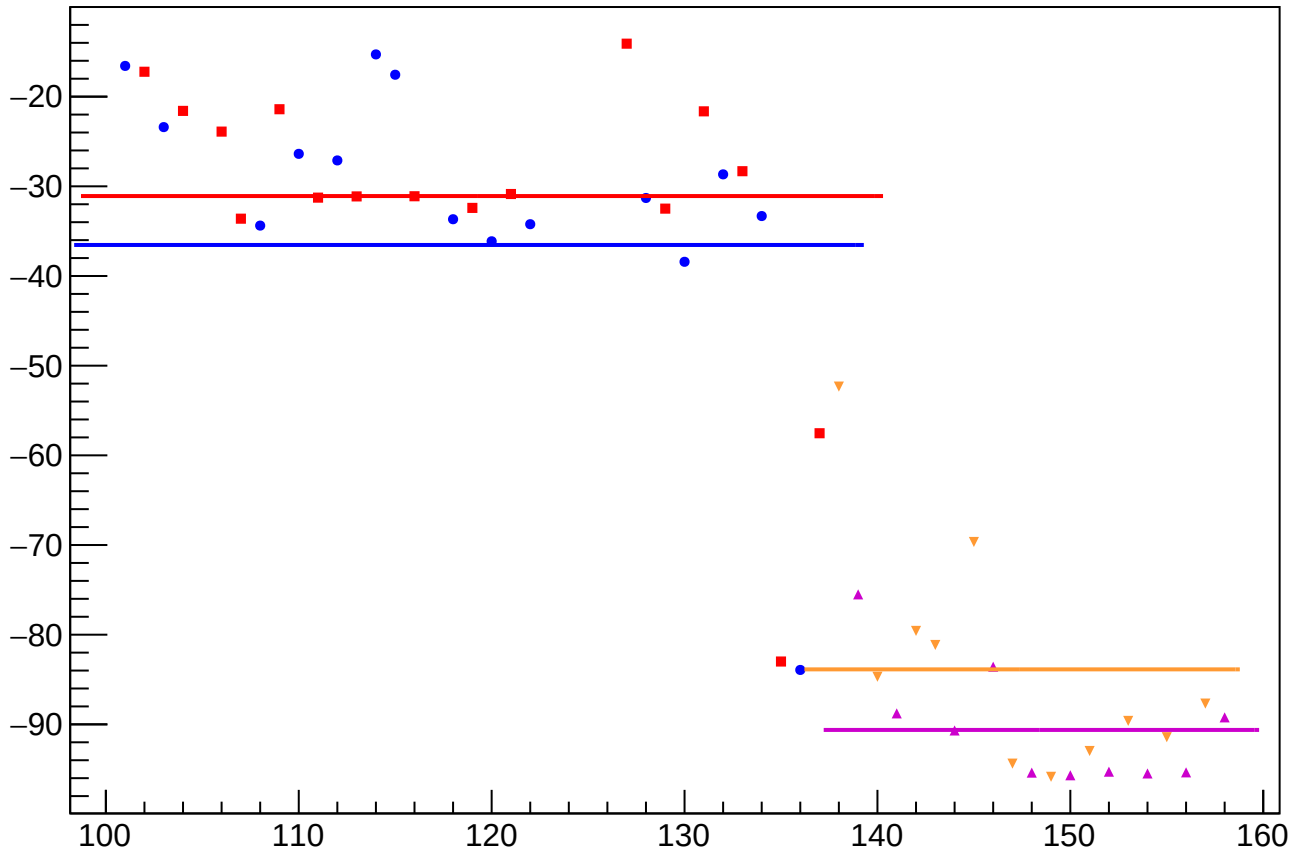
Right In: 130.021 ± 0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 230.770 ± 0.000 χ^2/NDF : 7293434761601732673985336129506770944.0/10
 Right Out: 126.709 ± 0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 226.791 ± 0.000 χ^2/NDF : 6897835886034787257624479201729970176.0/9

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

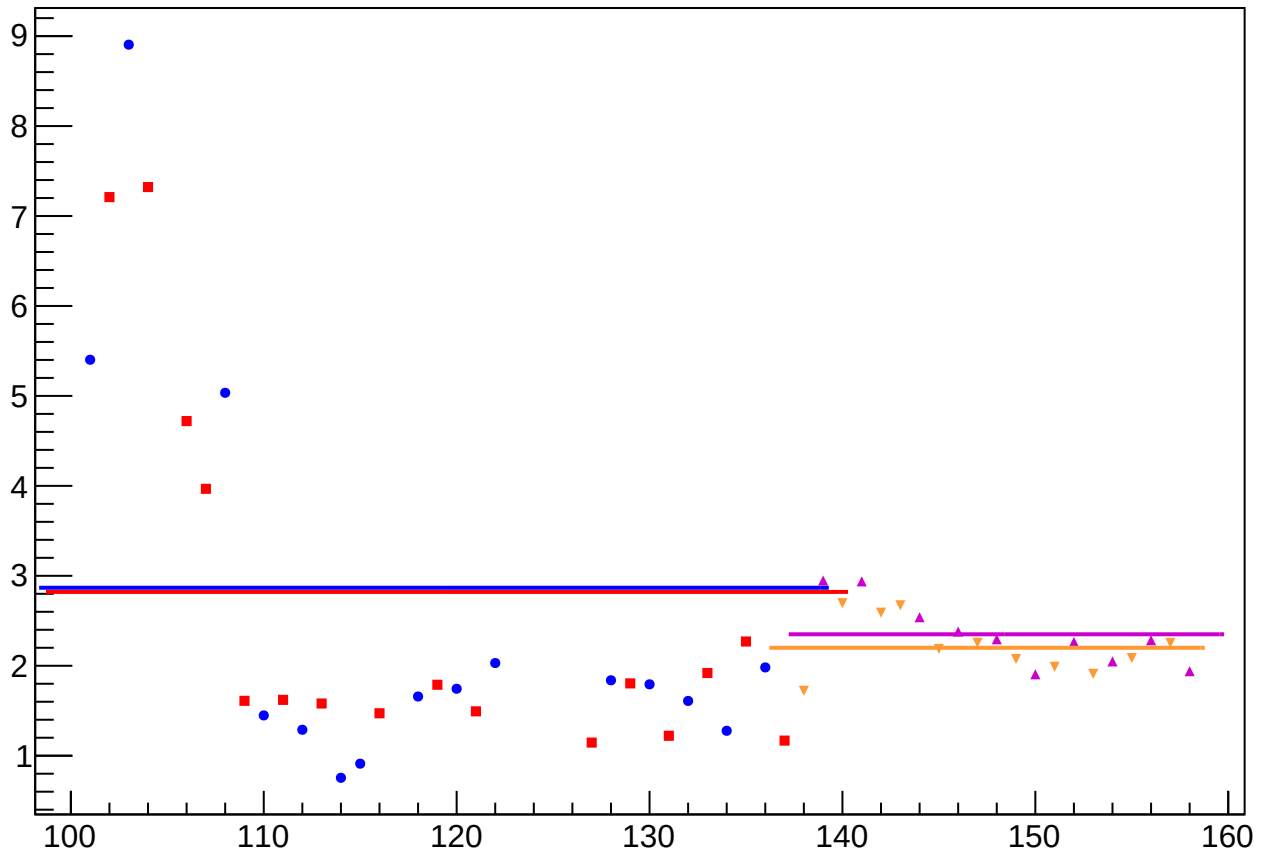
dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000	χ^2/NDF : 254351867861444609202637633864335360.0/14
Left Out: -83.867+/-0.000	χ^2/NDF : 130895217117973059824174418251218944.0/10
Right Out: -31.085+/-0.000	χ^2/NDF : 181291079119381636178408498876383232.0/15
Left In: -90.621+/-0.000	χ^2/NDF : 33089725937732516677839162370424832.0/9

+ sign -63.197+/-0.000 χ^2/NDF : 120403528062650
 All: -63.827+/-0.000 χ^2/NDF : 274427951415
 - sign -64.444+/-0.000 χ^2/NDF : 1539077177270529

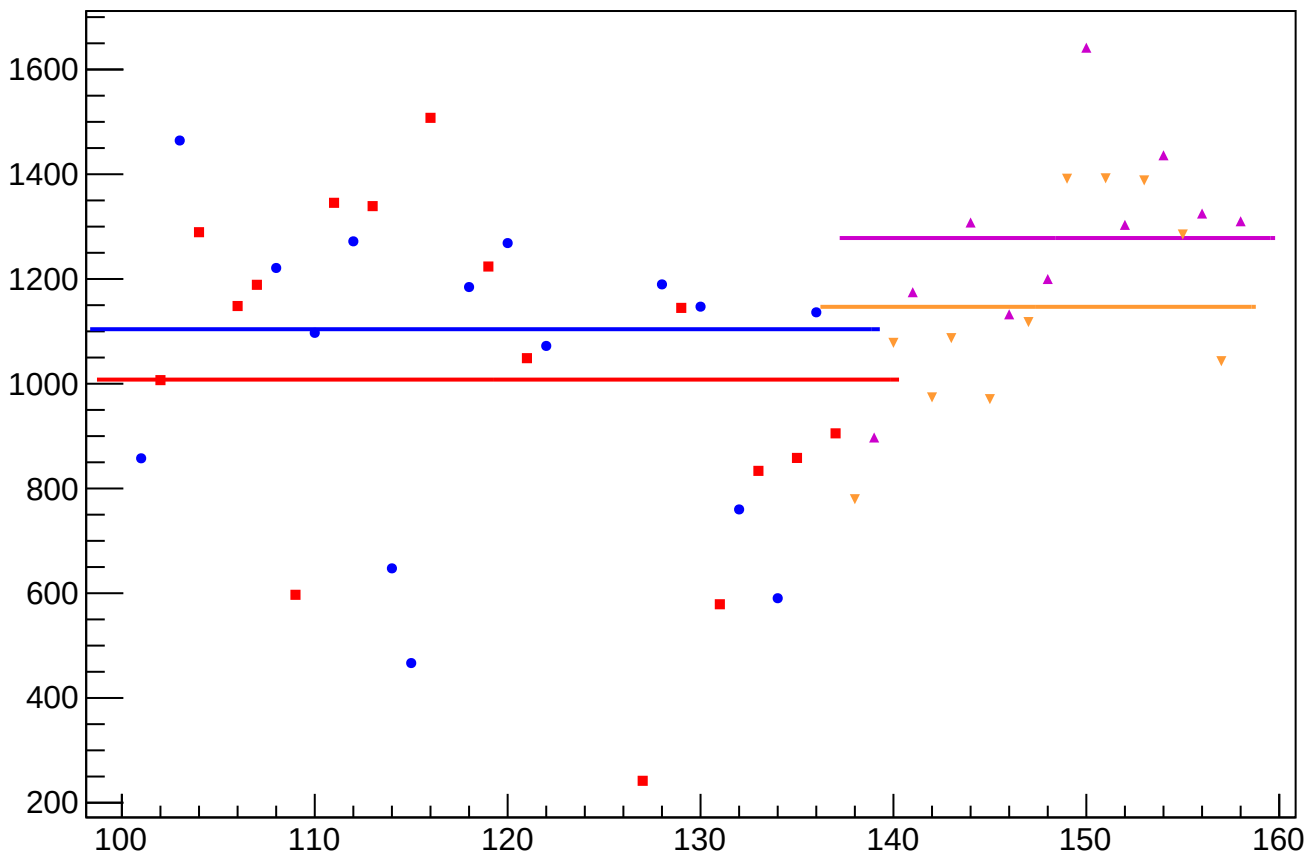
dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000	χ^2/NDF : 3455499087584693564208174061322240.0/14
Left Out: 2.200+/-0.000	χ^2/NDF : 73309724783625633109604858593280.0/10
Right Out: 2.821+/-0.000	χ^2/NDF : 3052948718107902490497172912472064.0/15
Left In: 2.350+/-0.000	χ^2/NDF : 102546997666907053539655432536064.0/9

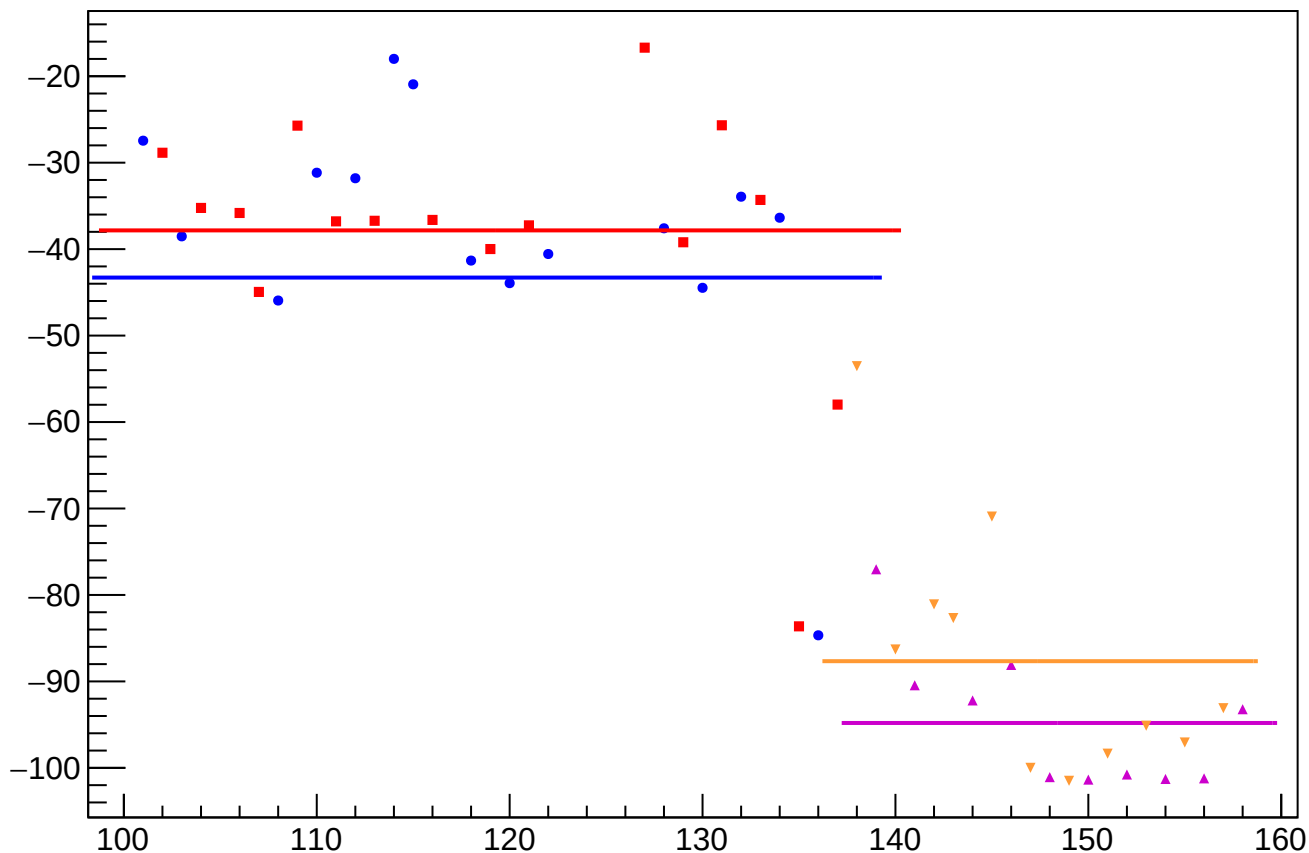
+ sign 2.491+/-0.000 χ^2/NDF : 36916467331145335
 All: 2.525+/-0.000 χ^2/NDF : 6933293207590
 - sign 2.557+/-0.000 χ^2/NDF : 32384194178581153

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	+ sign 1128.184+/-0.000	χ^2/NDF : 65509473218234
Left Out: 1146.849+/-0.000	χ^2/NDF : 32103917825336641611882104630265511936.0/10	All: 1143.935+/-0.000	χ^2/NDF : 19219043308
Right Out: 1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	- sign 1159.365+/-0.000	χ^2/NDF : 12595109493212
Left In: 1278.216+/-0.000	χ^2/NDF : 29565438458869811796359539499848433664.0/9		

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -87.660+/-0.000 χ^2/NDF : 168182243001559099718741533204152320.0/10

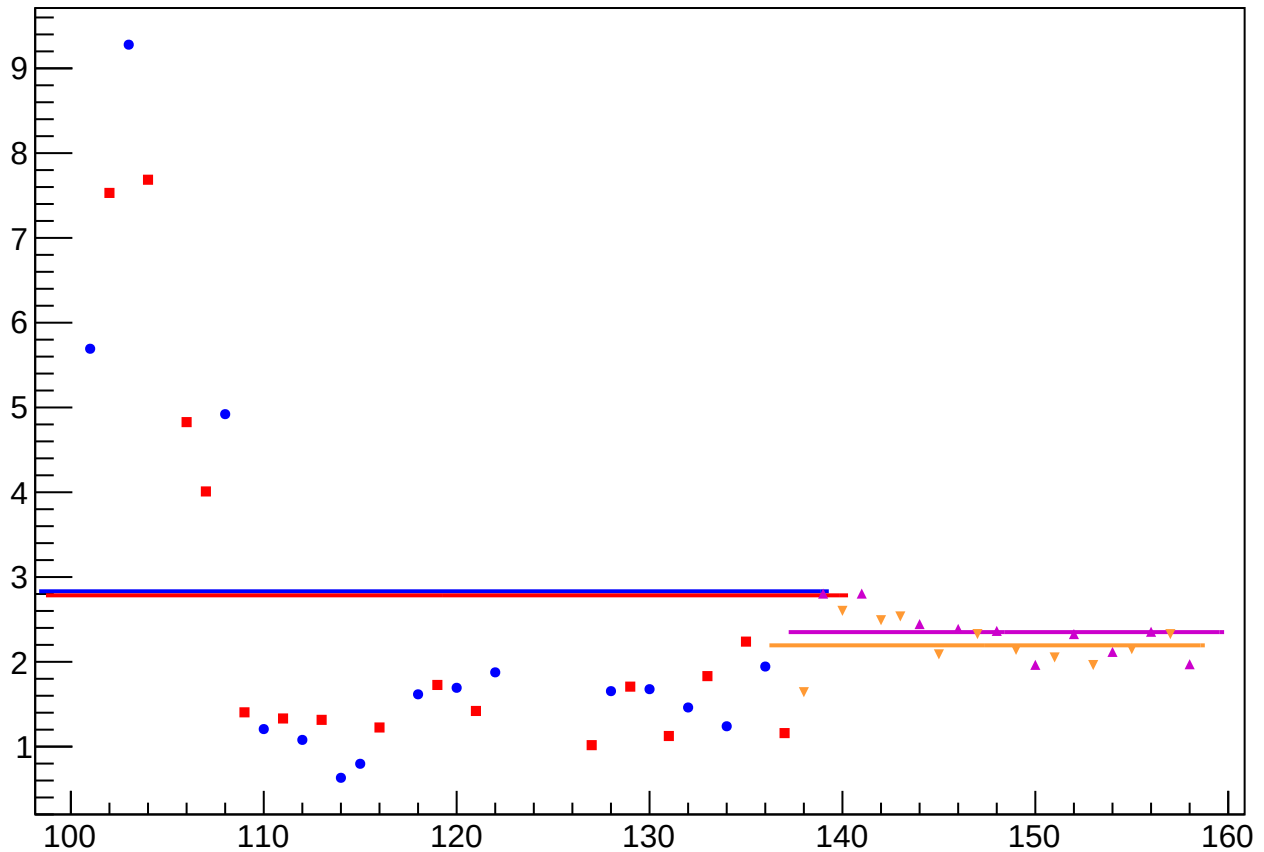
Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

Left In: -94.807+/-0.000 χ^2/NDF : 49076325712570529937799314881380352.0/9

All: -69.027+/-0.000 χ^2/NDF : 249980030049

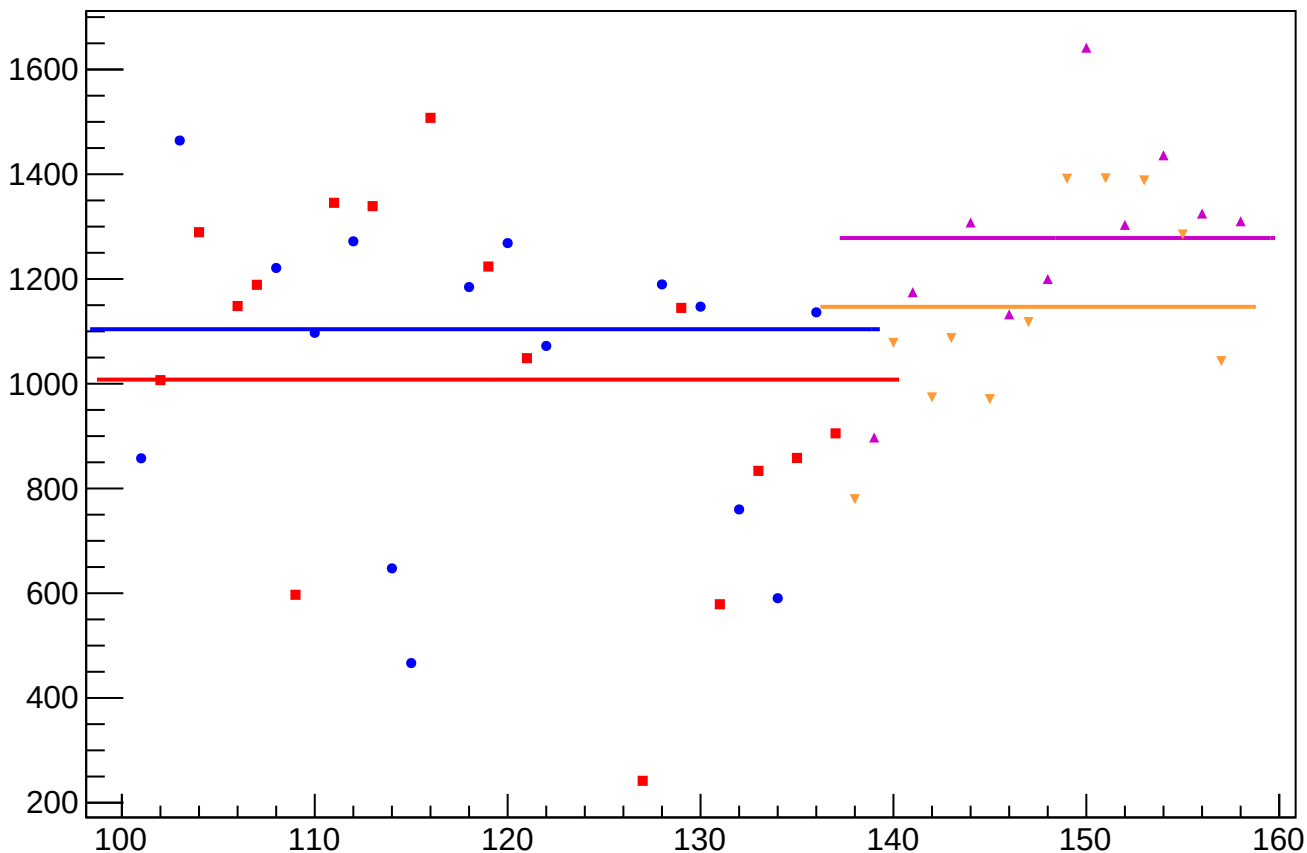
- sign -69.756+/-0.000 χ^2/NDF : 1410950100919653

dit_4eX_coil3_err_mean vs Slug



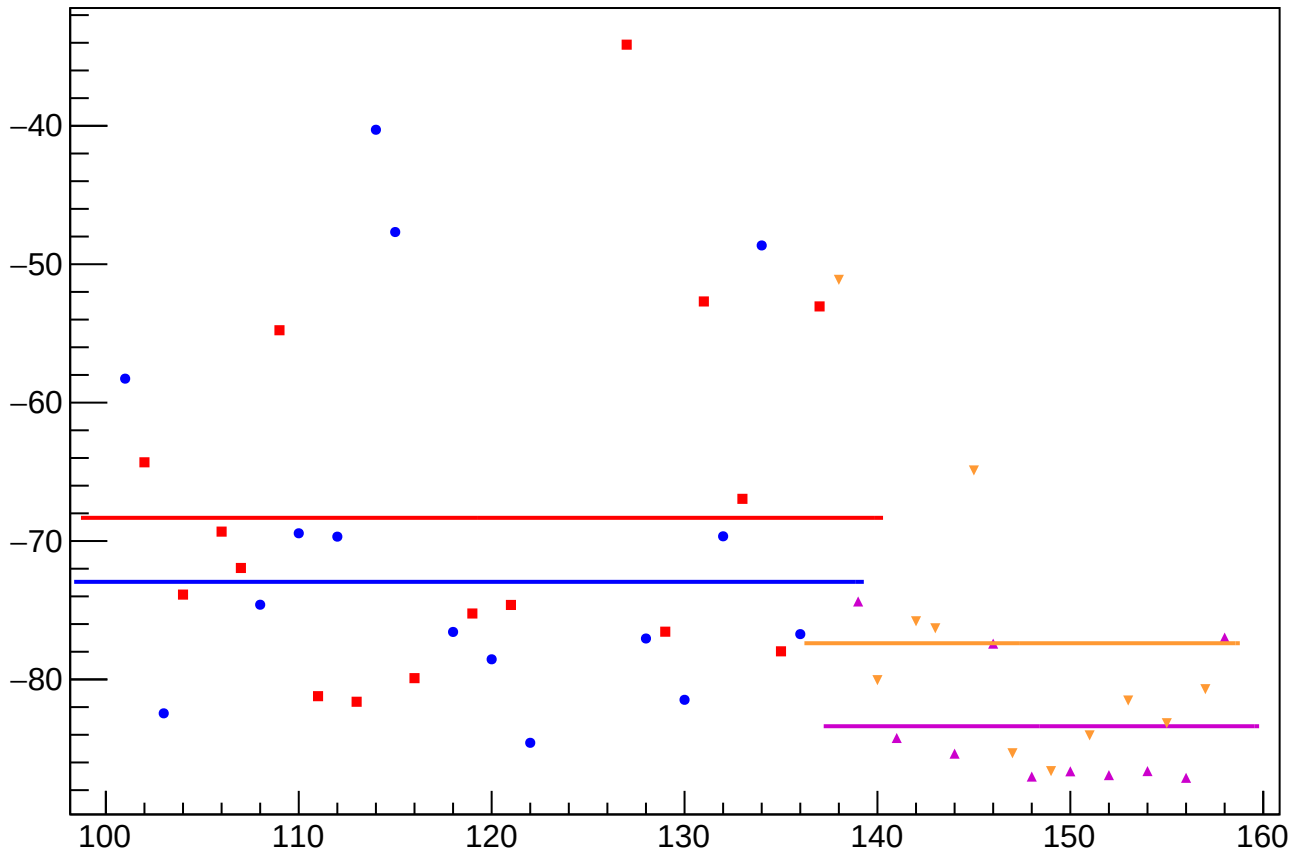
Right In: 2.832 $\pm$ 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.194 $\pm$ 0.000 χ^2/NDF : 59444010677370772970052786323456.0/10
 Right Out: 2.784 $\pm$ 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.351 $\pm$ 0.000 χ^2/NDF : 65276010759220423932687241183232.0/9

dit_4eX_coil3_Ndata_mean vs Slug



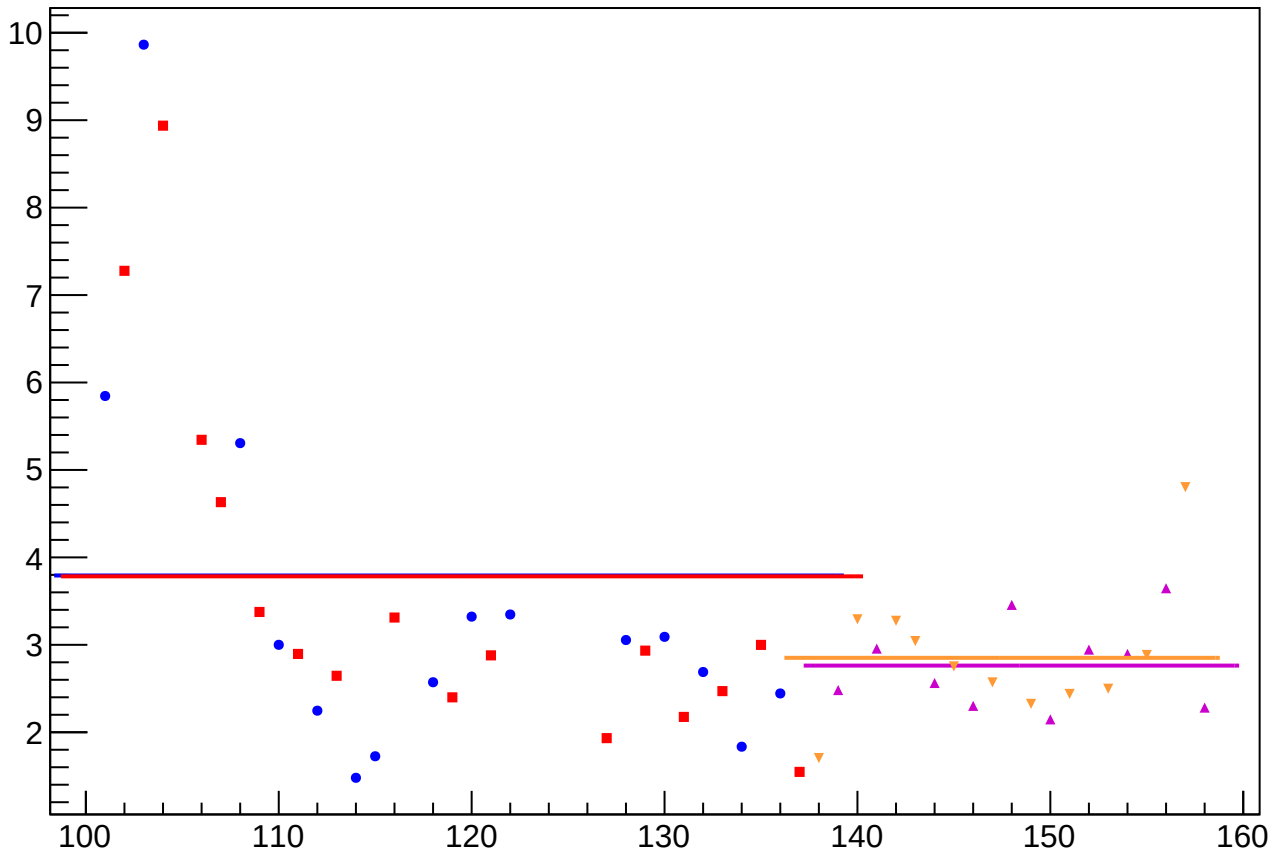
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_11X12X_coil3_mean vs Slug



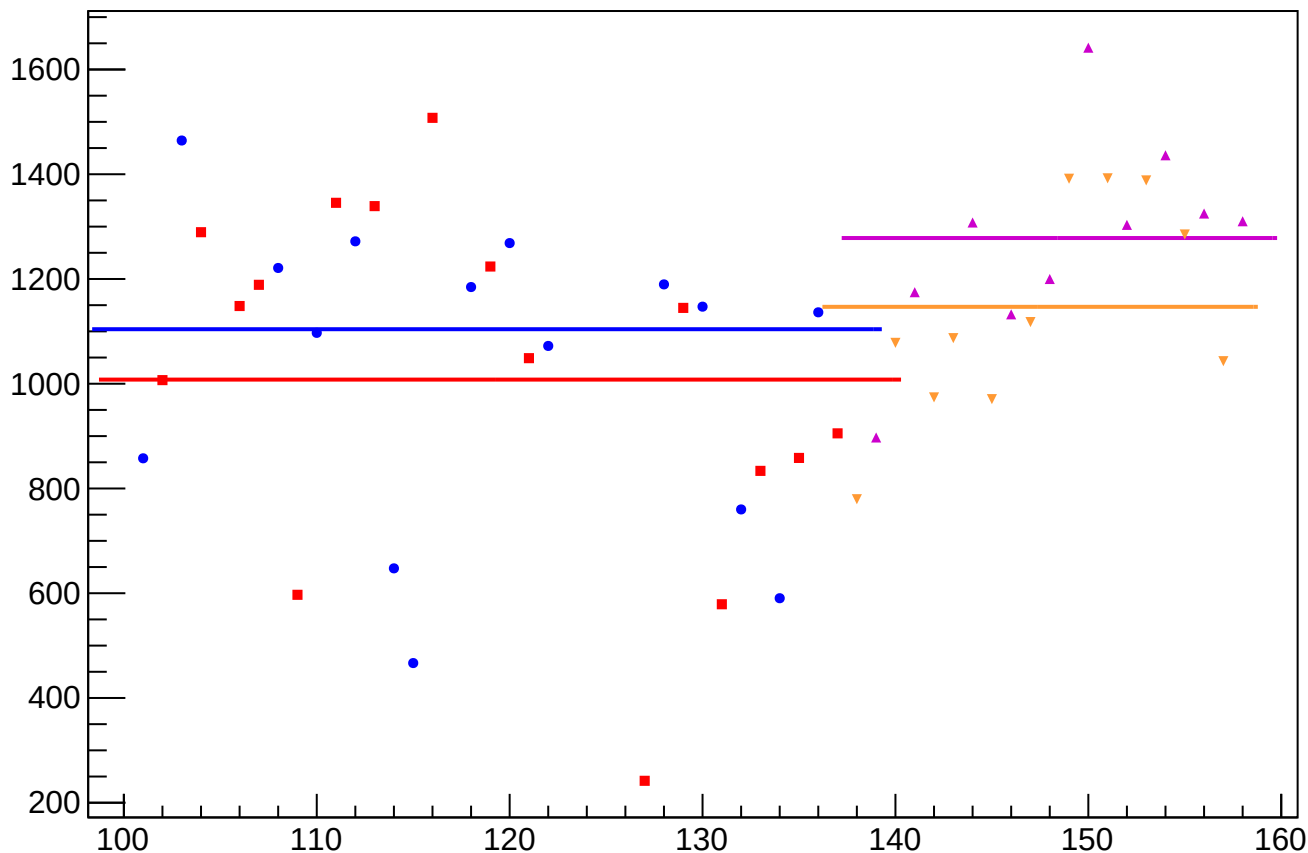
Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -77.385 ± 0.000 χ^2/NDF : 87695266939509192441832796774727680.0/10
 Right Out: -68.324 ± 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: -83.381 ± 0.000 χ^2/NDF : 18480121469189582647056470361767936.0/9
 All: -76.111 ± 0.000 χ^2/NDF : 371850770965
 + sign -75.447 ± 0.000 χ^2/NDF : 160642830518346
 - sign -76.761 ± 0.000 χ^2/NDF : 2099130783879527

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.851+/-0.000 χ^2/NDF : 484095607674468823366748512190464.0/10
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.762+/-0.000 χ^2/NDF : 191366278351260457621513253683200.0/9
 All: 3.237+/-0.000 χ^2/NDF : 74747952676490.0/10
 + sign 3.263+/-0.000 χ^2/NDF : 40135048054286185
 - sign 3.211+/-0.000 χ^2/NDF : 34593163518441359

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

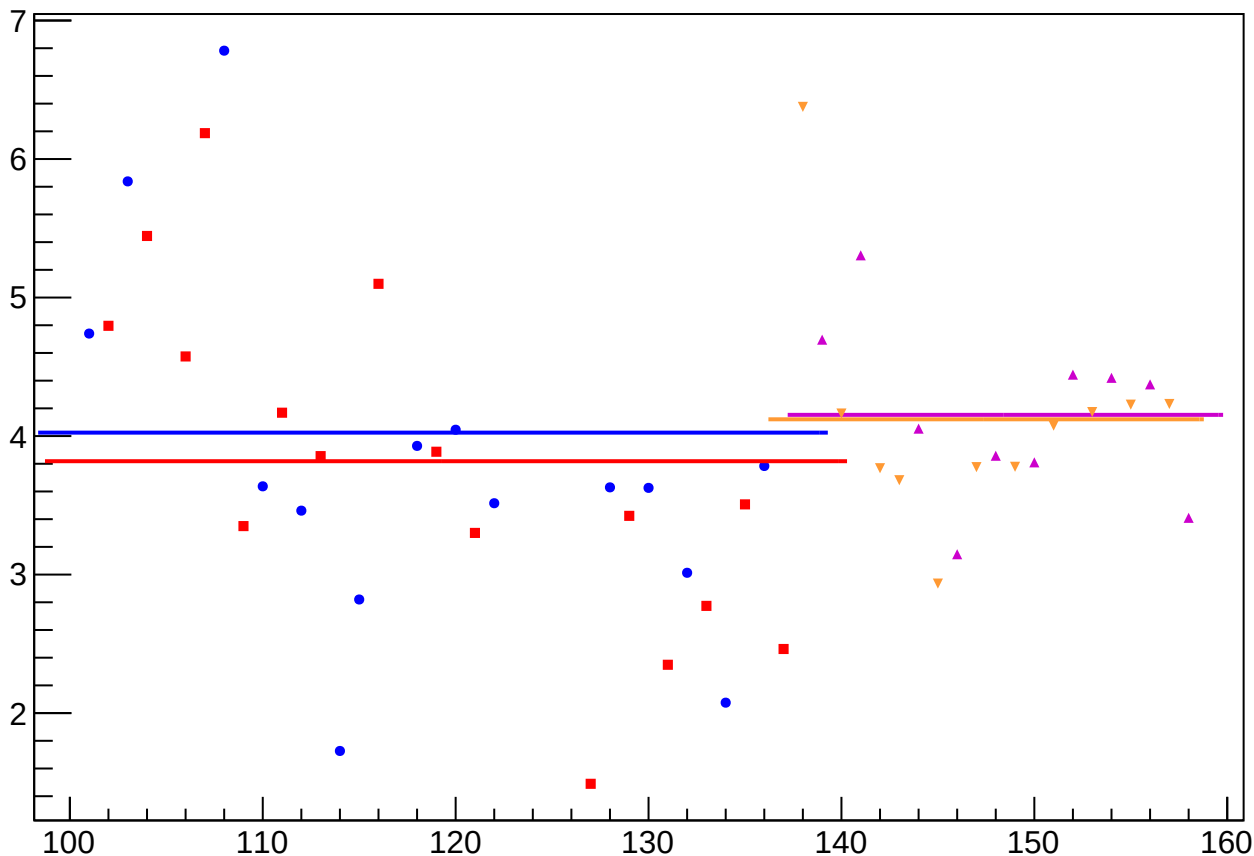
Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1143.935+/-0.000 χ^2/NDF : 19219043308

- sign 1159.365+/-0.000 χ^2/NDF : 12595109493212

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.121+/-0.000 χ^2/NDF : 551035604579839886107985282334720.0/10

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

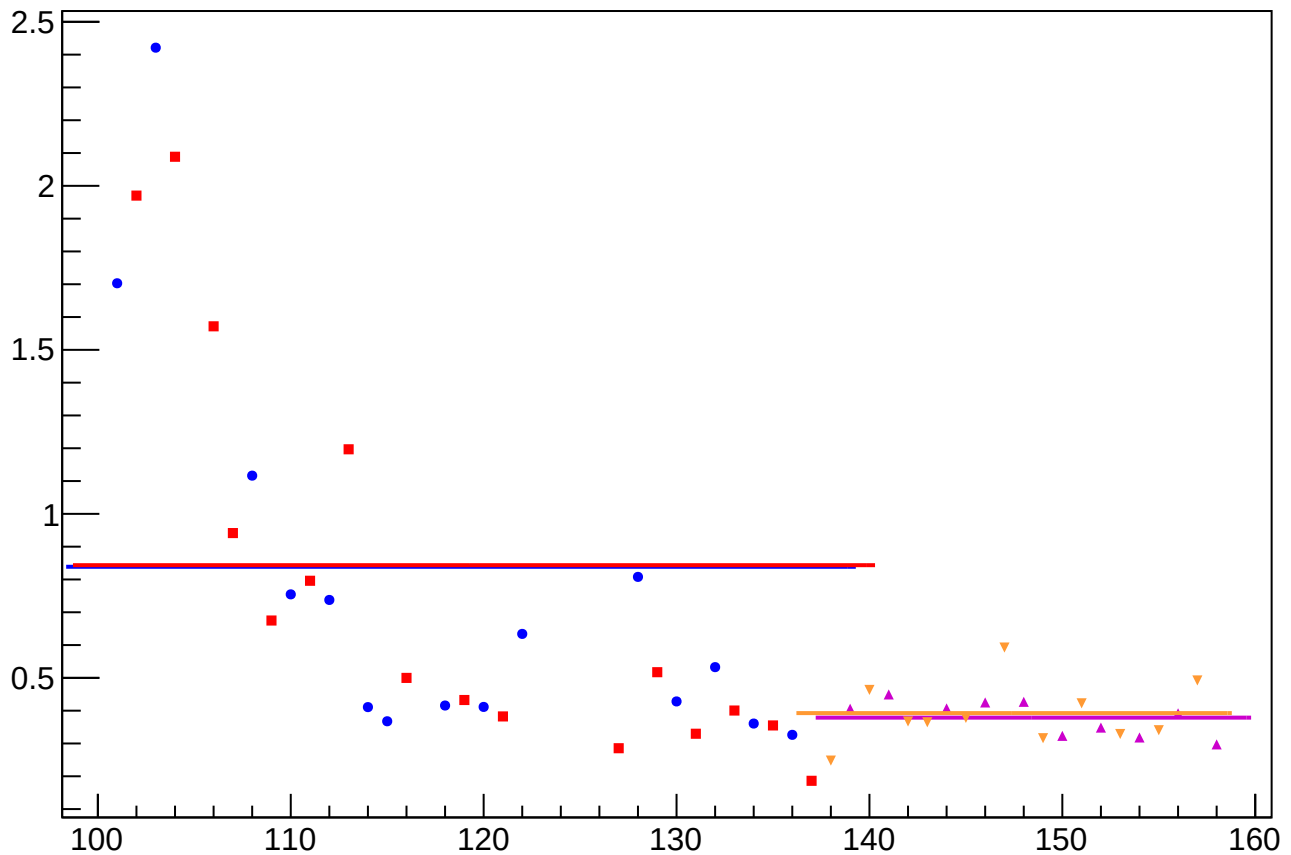
Left In: 4.153+/-0.000 χ^2/NDF : 301860328850529874369334797664256.0/9

+ sign 4.079+/-0.000 χ^2/NDF : 13234173573200319

All: 4.042+/-0.000 χ^2/NDF : 2559355599998

- sign 4.006+/-0.000 χ^2/NDF : 12319407455890758

dit_4aY_coil3_err_mean vs Slug



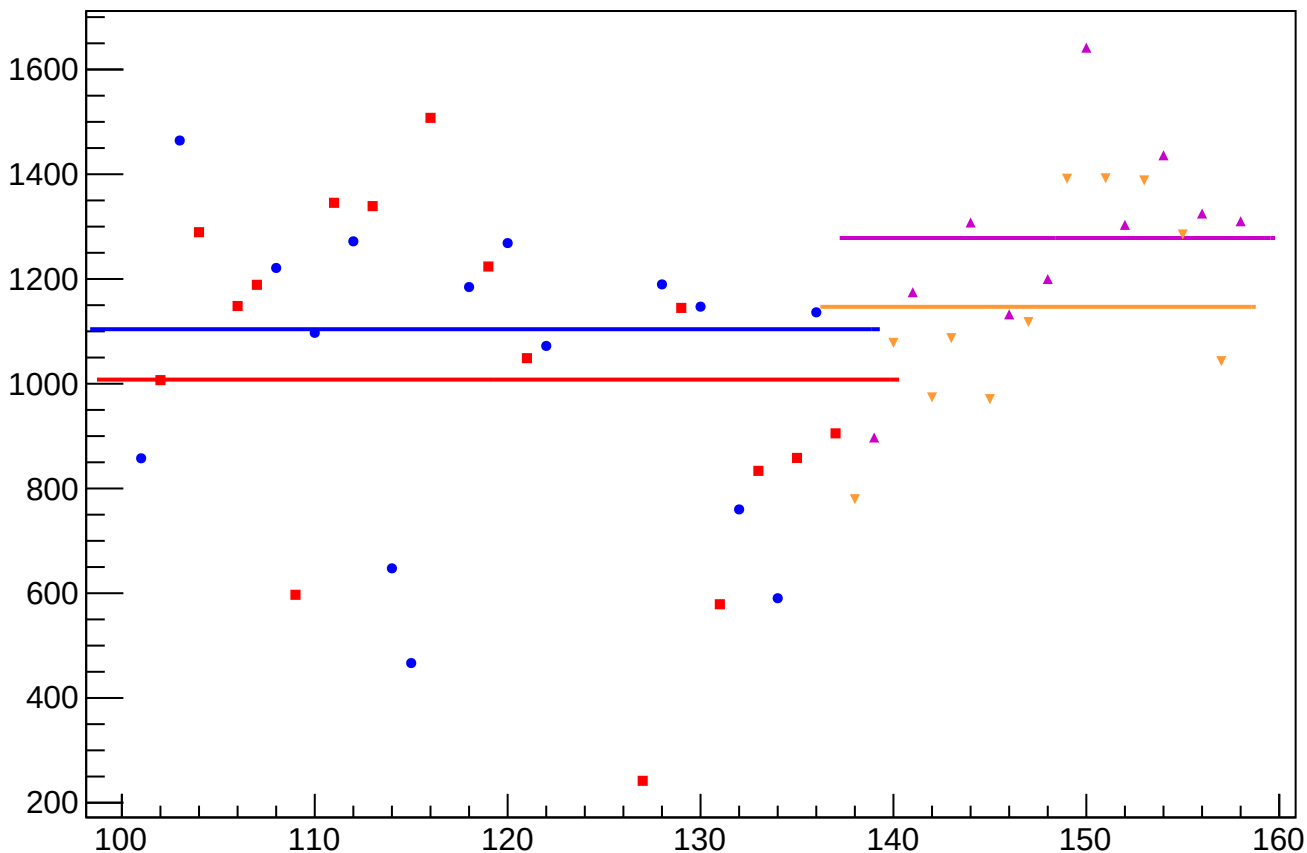
Right In: 0.839+/-0.000 χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.393+/-0.000 χ^2/NDF : 7165687129871742170004969226240.0/10

Right Out: 0.844+/-0.000 χ^2/NDF : 252917509393432760240648918925312.0/15

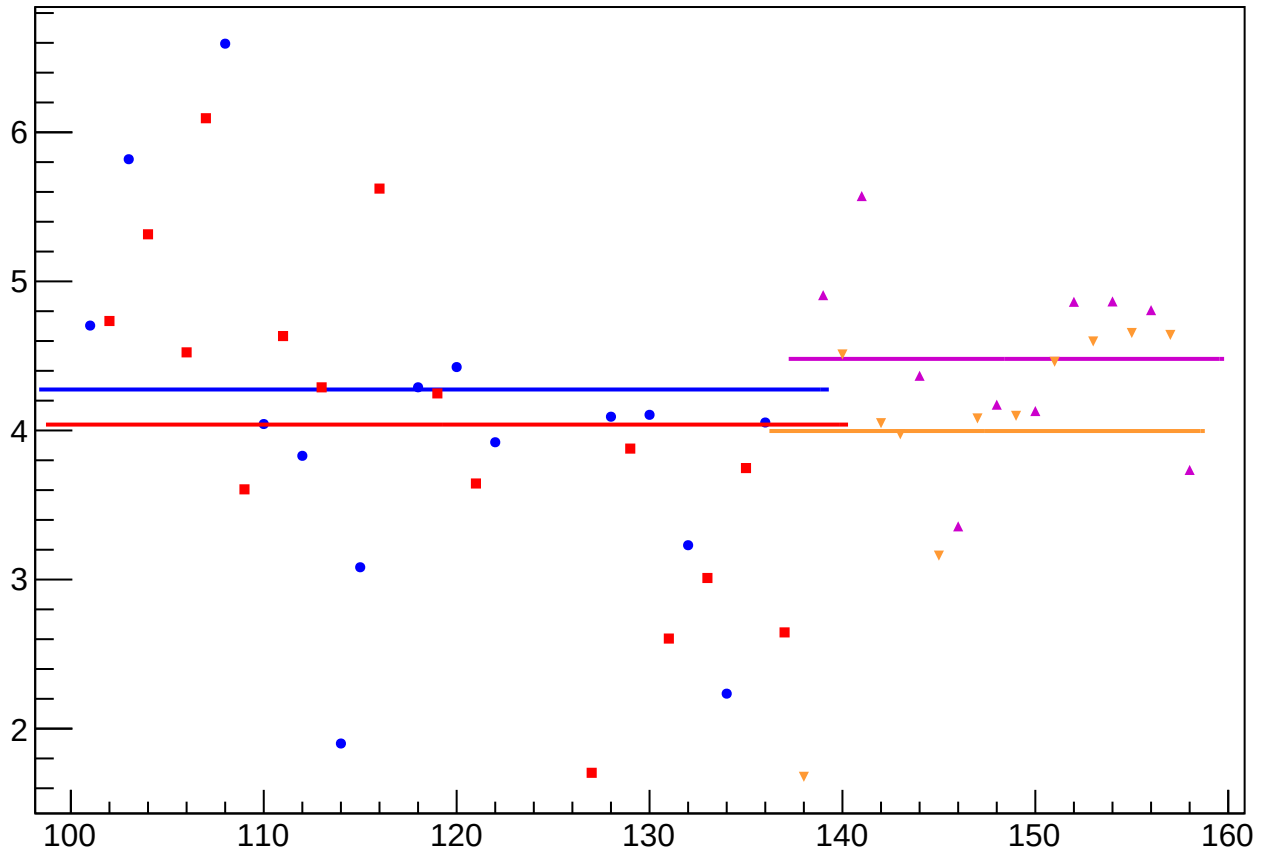
Left In: 0.379+/-0.000 χ^2/NDF : 2167220807871707056596599177216.0/9

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_4eY_coil3_mean vs Slug



Right In: 4.275 $\pm$ 0.000 χ^2 /NDF: 597188707898198851792415435522048.0/14

Left Out: 3.996 $\pm$ 0.000 χ^2 /NDF: 614095408015001064538635801460736.0/10

Right Out: 4.039 $\pm$ 0.000 χ^2 /NDF: 772368848194464324973108765130752.0/15

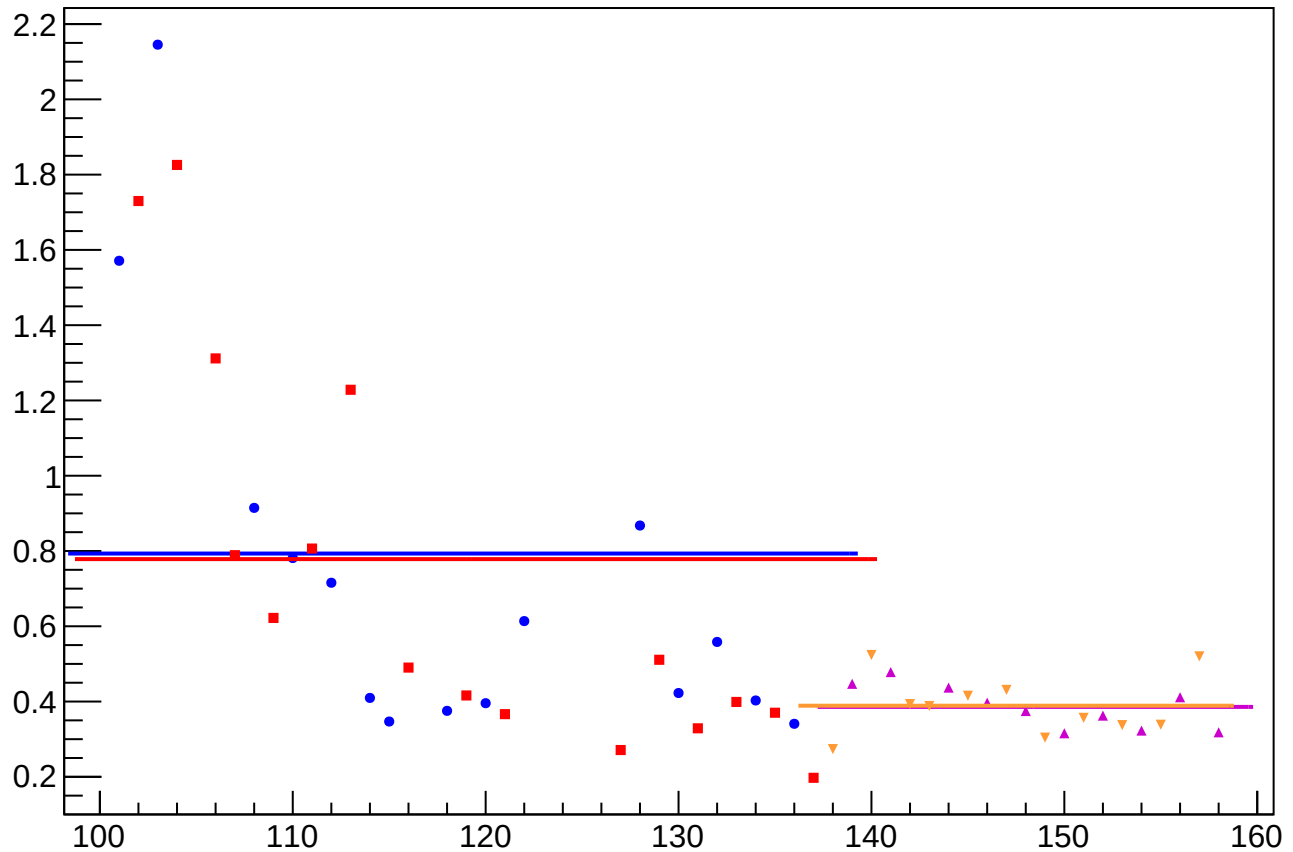
Left In: 4.480 $\pm$ 0.000 χ^2 /NDF: 320599318064017774735793198202880.0/9

+ sign 4.118 $\pm$ 0.000 χ^2 /NDF: 12396473327946325

All: 4.203 $\pm$ 0.000 χ^2 /NDF: 24264927834552

- sign 4.286 $\pm$ 0.000 χ^2 /NDF: 11655373973561956

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF : 195508777173589483440314700005376.0/14

Left Out: 0.389+/-0.000 χ^2/NDF : 5195670205892477545036141035520.0/10

Right Out: 0.778+/-0.000 χ^2/NDF : 185814635772183306063903690063872.0/15

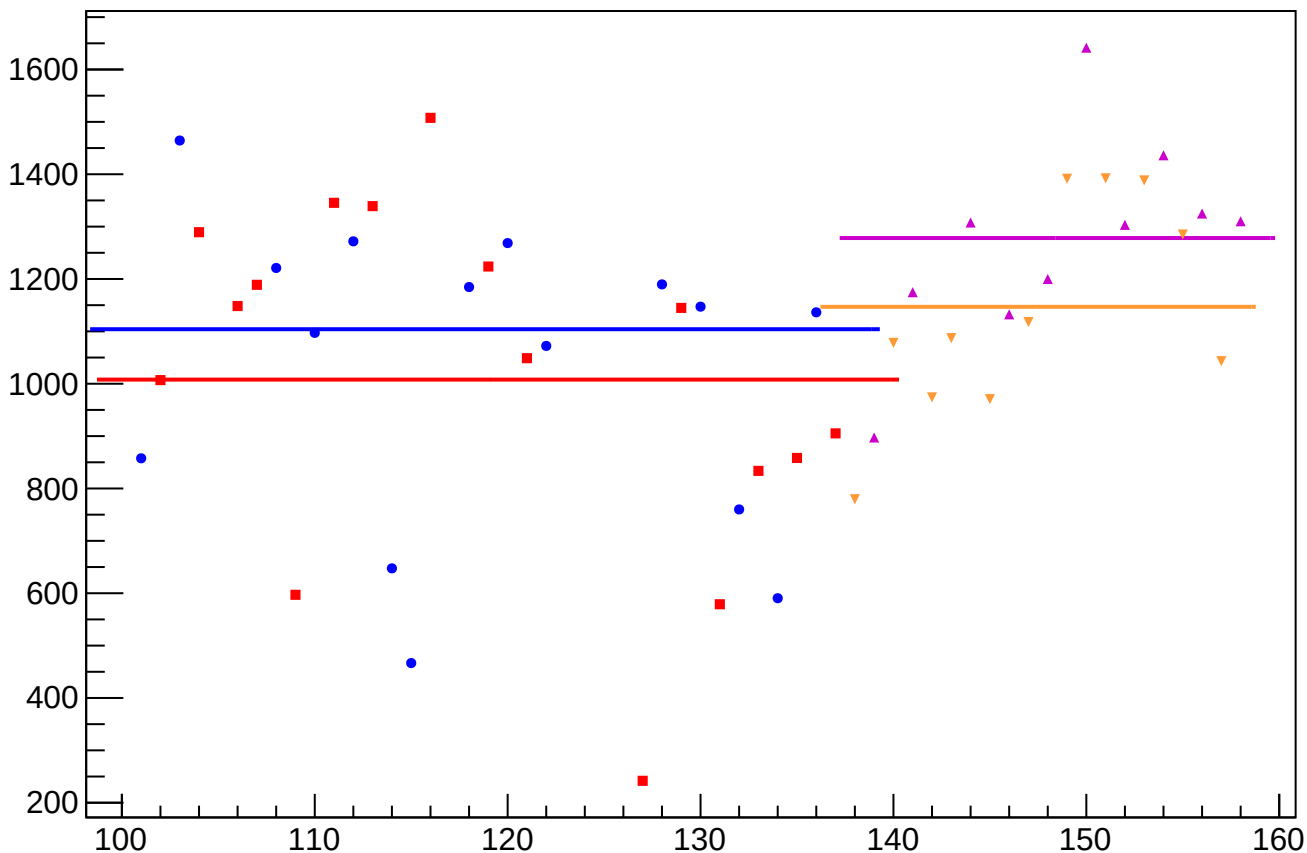
Left In: 0.386+/-0.000 χ^2/NDF : 2553757742746495135255399235584.0/9

+ sign 0.565+/-0.000 χ^2/NDF : 26046094384036303

All: 0.562+/-0.000 χ^2/NDF : 50648910281542

- sign 0.558+/-0.000 χ^2/NDF : 24599052451120586

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

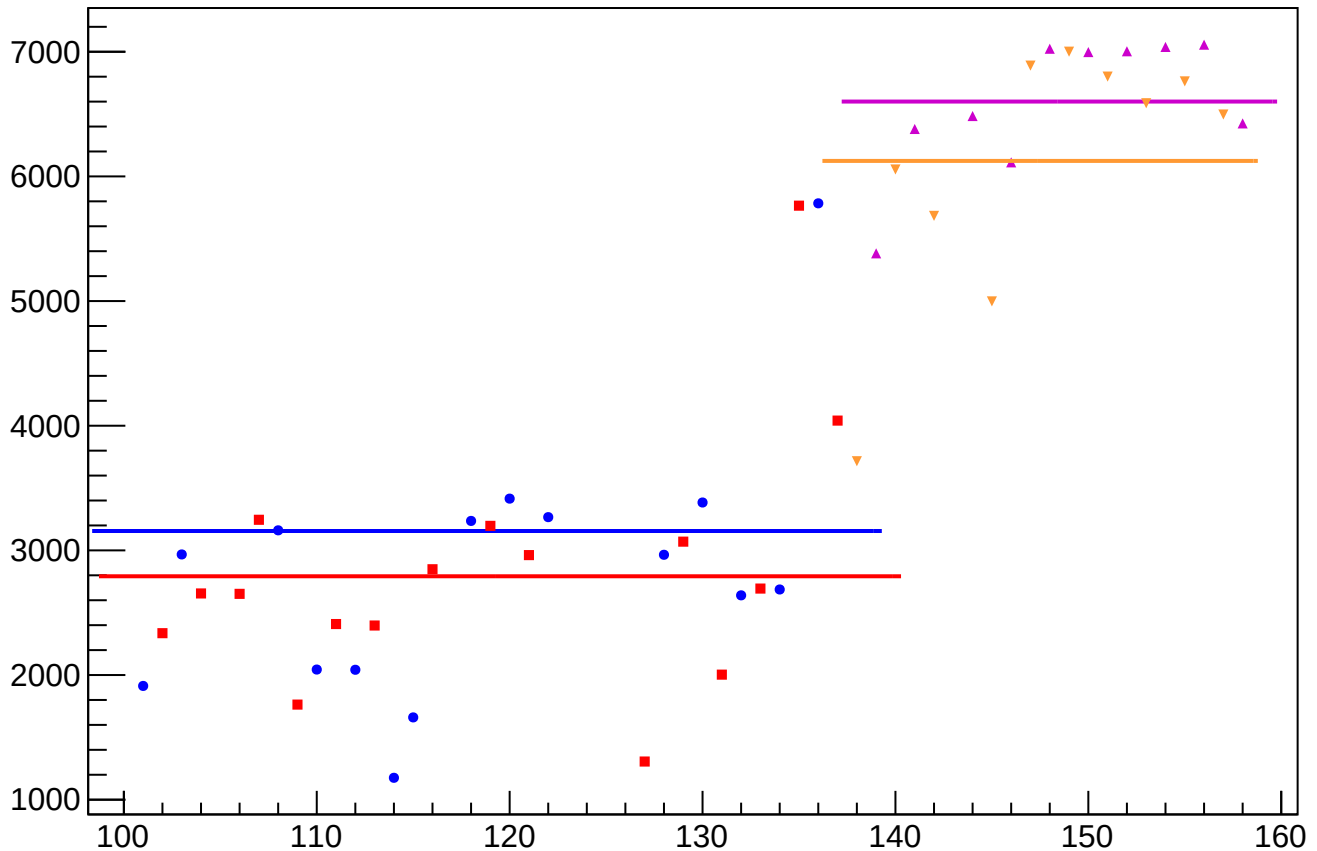
Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

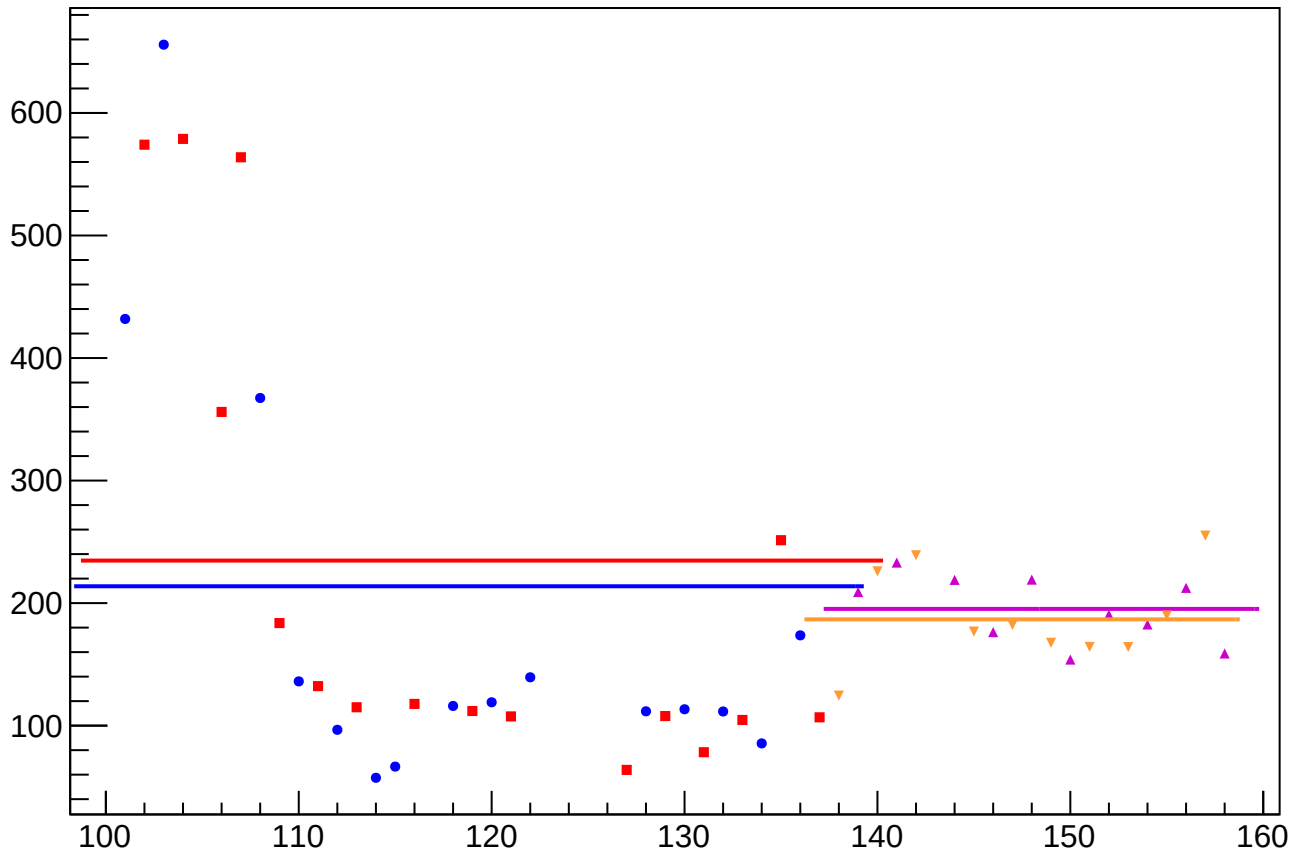
+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234
All: 1143.935+/-0.000 χ^2/NDF : 19219043308
- sign 1159.365+/-0.000 χ^2/NDF : 12595109493212

dit_usl_coil3_mean vs Slug



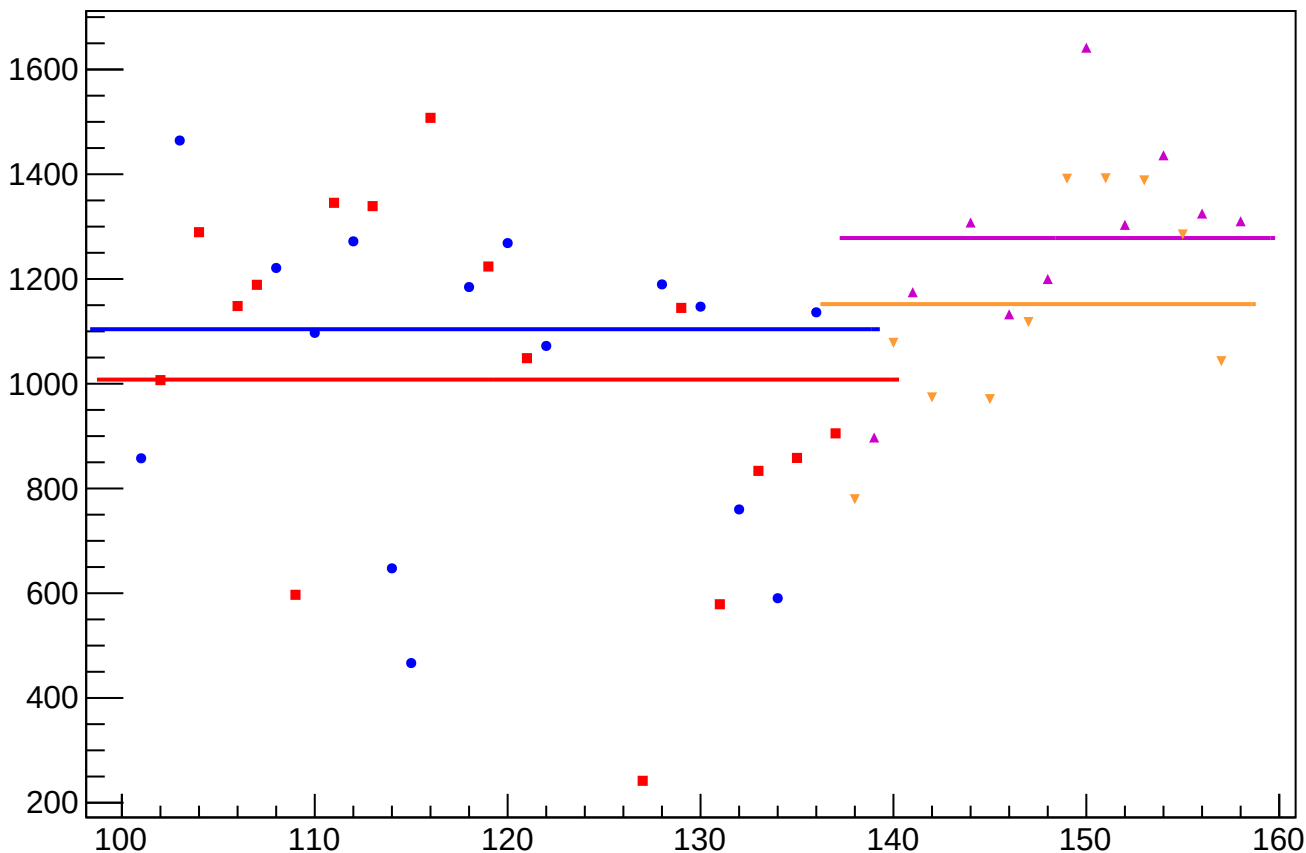
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6124.282+/-0.000 χ^2/NDF : 771956194237208029240433045569844281344.0/9
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6600.442+/-0.000 χ^2/NDF : 224942079286950391749749767097185992704.0/9

dit_usl_coil3_err_mean vs Slug



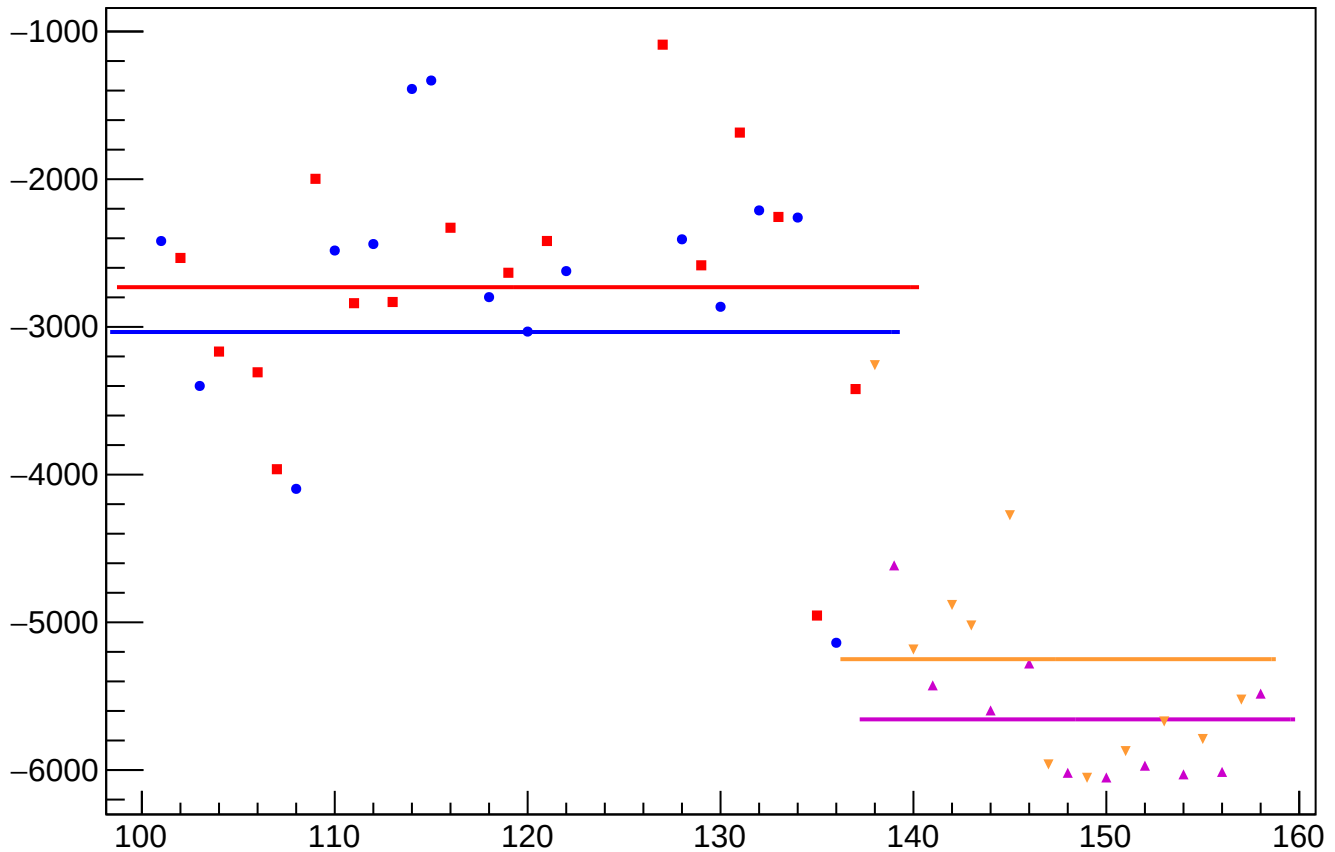
Right In: 213.739 $\pm$ 0.000 χ^2 /NDF: 19718138109054002114361149860507287552.0/14
 Left Out: 186.734 $\pm$ 0.000 χ^2 /NDF: 1046707237232137730135543709381427200.0/9
 Right Out: 234.712 $\pm$ 0.000 χ^2 /NDF: 24013134107167214895189050481067425792.0/15
 Left In: 195.266 $\pm$ 0.000 χ^2 /NDF: 567404487498909276713340898319007744.0/9

dit_usl_coil3_Ndata_mean vs Slug



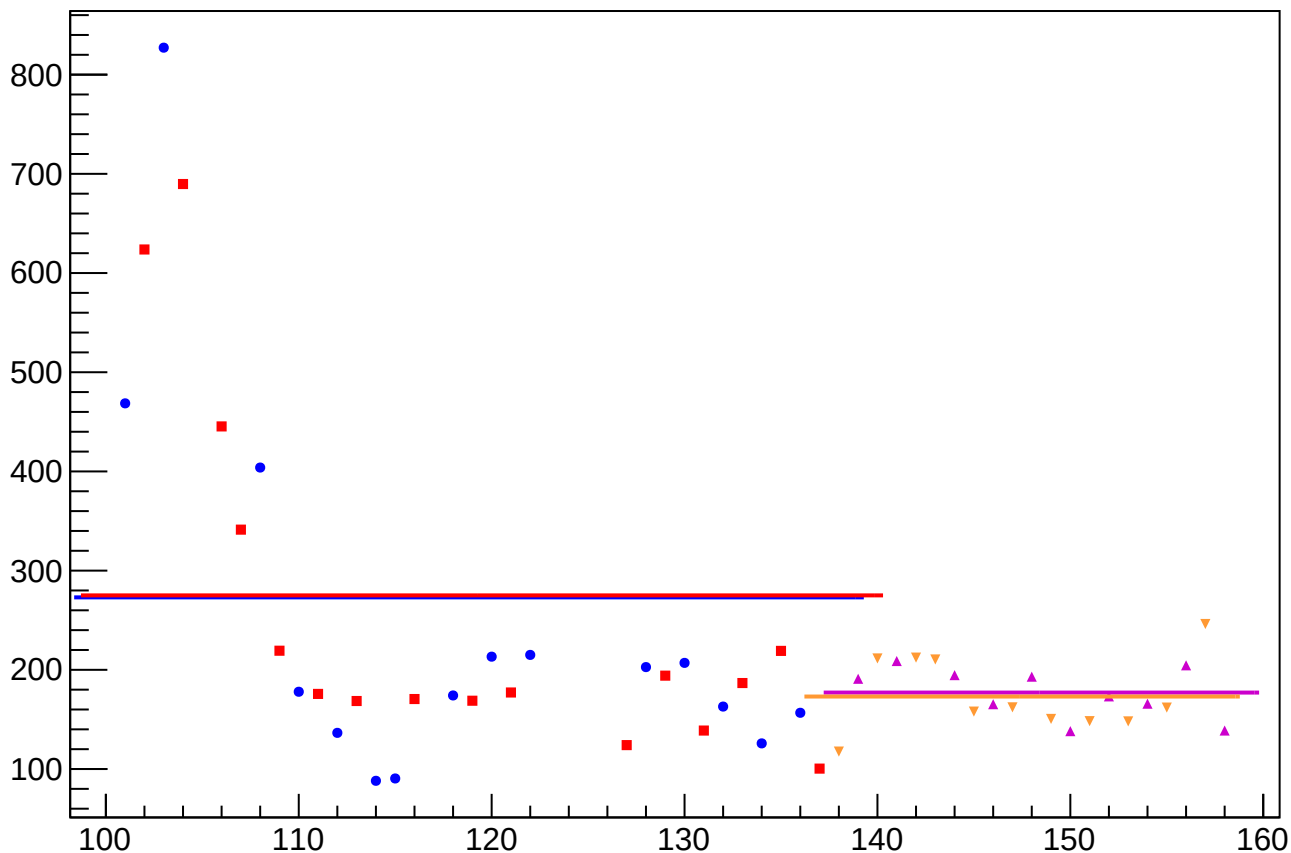
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1152.052+/-0.000 χ^2/NDF : 31843564476350531801120211118030061568.0/9
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_usr_coil3_mean vs Slug



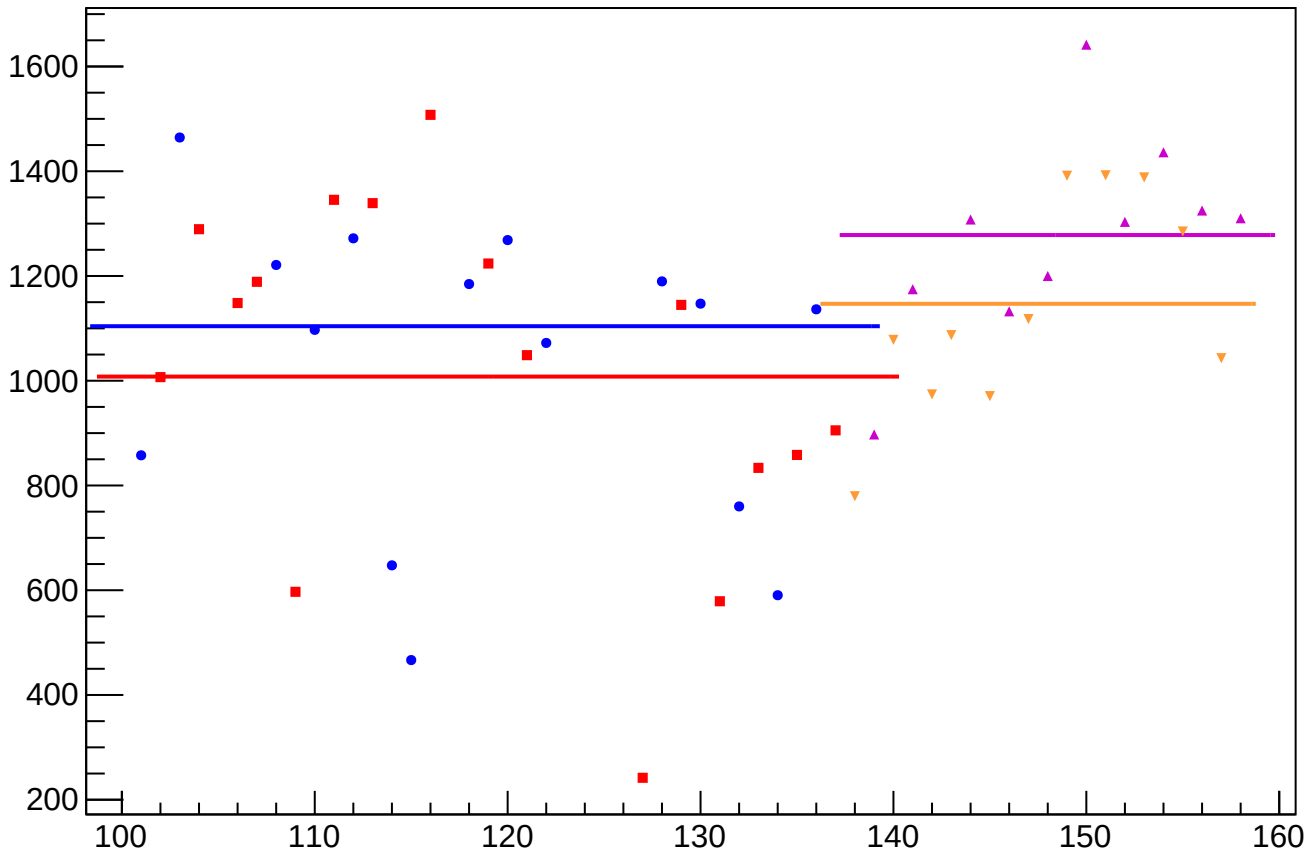
Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5249.444+/-0.000 χ^2/NDF : 563947619413317495389491700843098931200.0/10
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5656.990+/-0.000 χ^2/NDF : 163284899725591886138338068338319556608.0/9

dit_usr_coil3_err_mean vs Slug



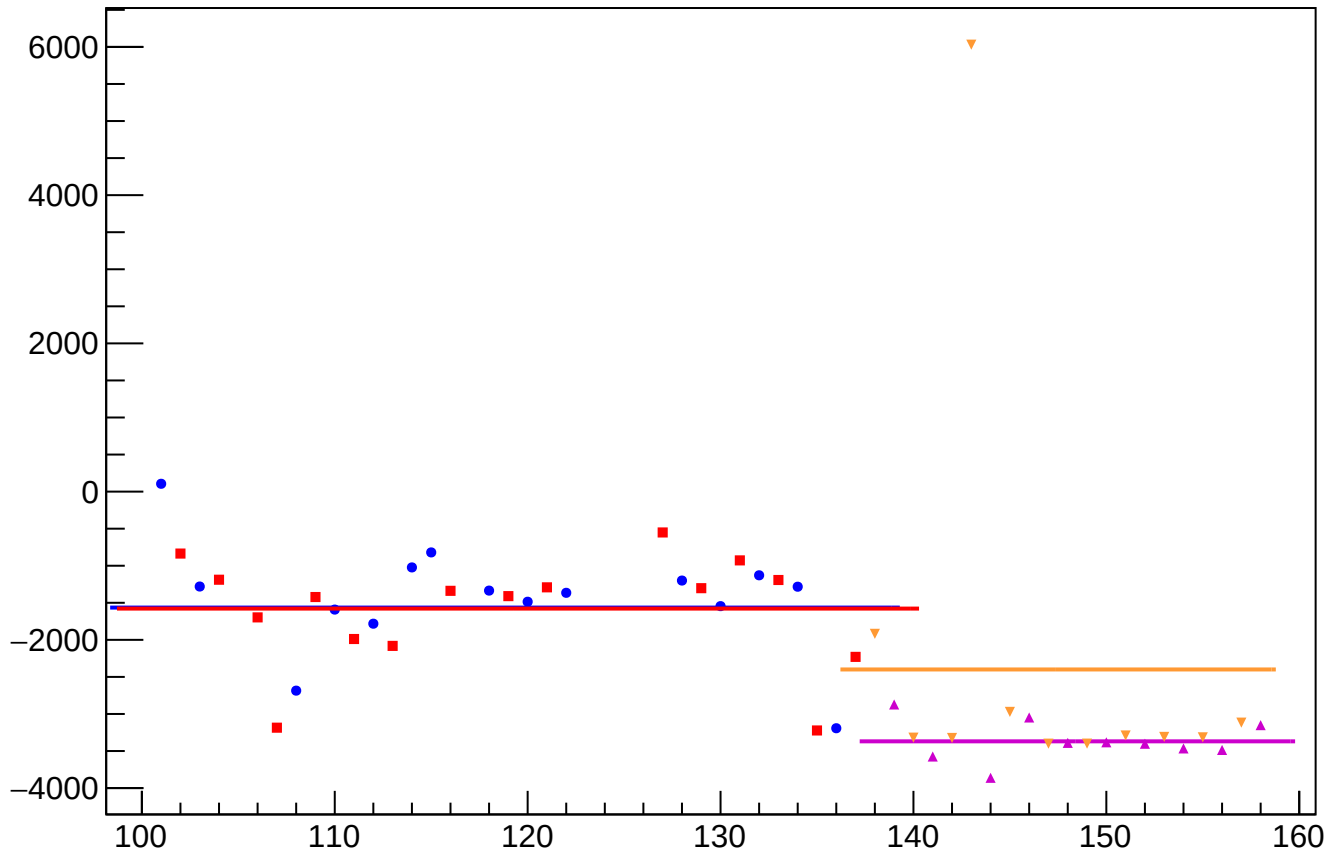
Right In: 273.039 $\pm$ 0.000 χ^2 /NDF: 26485935053341175092913795212184125440.0/14
 Left Out: 173.076 $\pm$ 0.000 χ^2 /NDF: 1129400015255245960552727292428681216.0/10
 Right Out: 275.044 $\pm$ 0.000 χ^2 /NDF: 22264760088752901792561892991657050112.0/15
 Left In: 177.068 $\pm$ 0.000 χ^2 /NDF: 491247929012937185175866425252773888.0/9
 All: 218.458 $\pm$ 0.000 χ^2 /NDF: 576204577548
 + sign 216.734 $\pm$ 0.000 χ^2 /NDF: 312681514502342
 - sign 220.146 $\pm$ 0.000 χ^2 /NDF: 263435664206993

dit_usr_coil3_Ndata_mean vs Slug



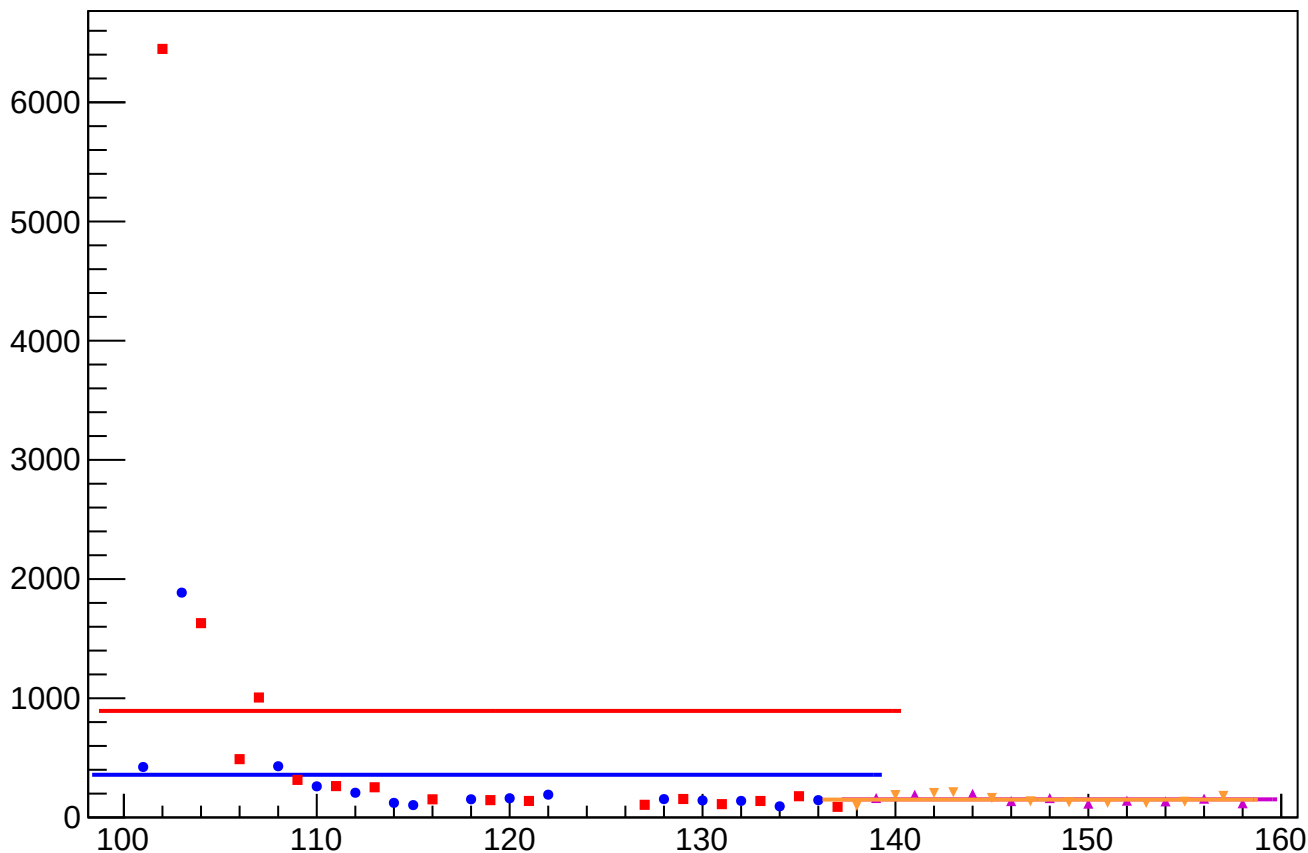
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_atl1_coil3_mean vs Slug



Right In: -1564.595 ± 0.000 $\chi^2/\text{NDF}: 483874800978571042578975757029039144960.0/14$
 Left Out: -2399.531 ± 0.000 $\chi^2/\text{NDF}: 5315856052555400666600950075486210359296.0/10$
 Right Out: -1578.178 ± 0.000 $\chi^2/\text{NDF}: 368450572556217564071963203581098590208.0/15$
 Left In: -3369.262 ± 0.000 $\chi^2/\text{NDF}: 59654542135603626889321539244461654016.0/9$

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 149.937+/-0.000 χ^2/NDF : 1032174247613419415023435654004473856.0/10

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

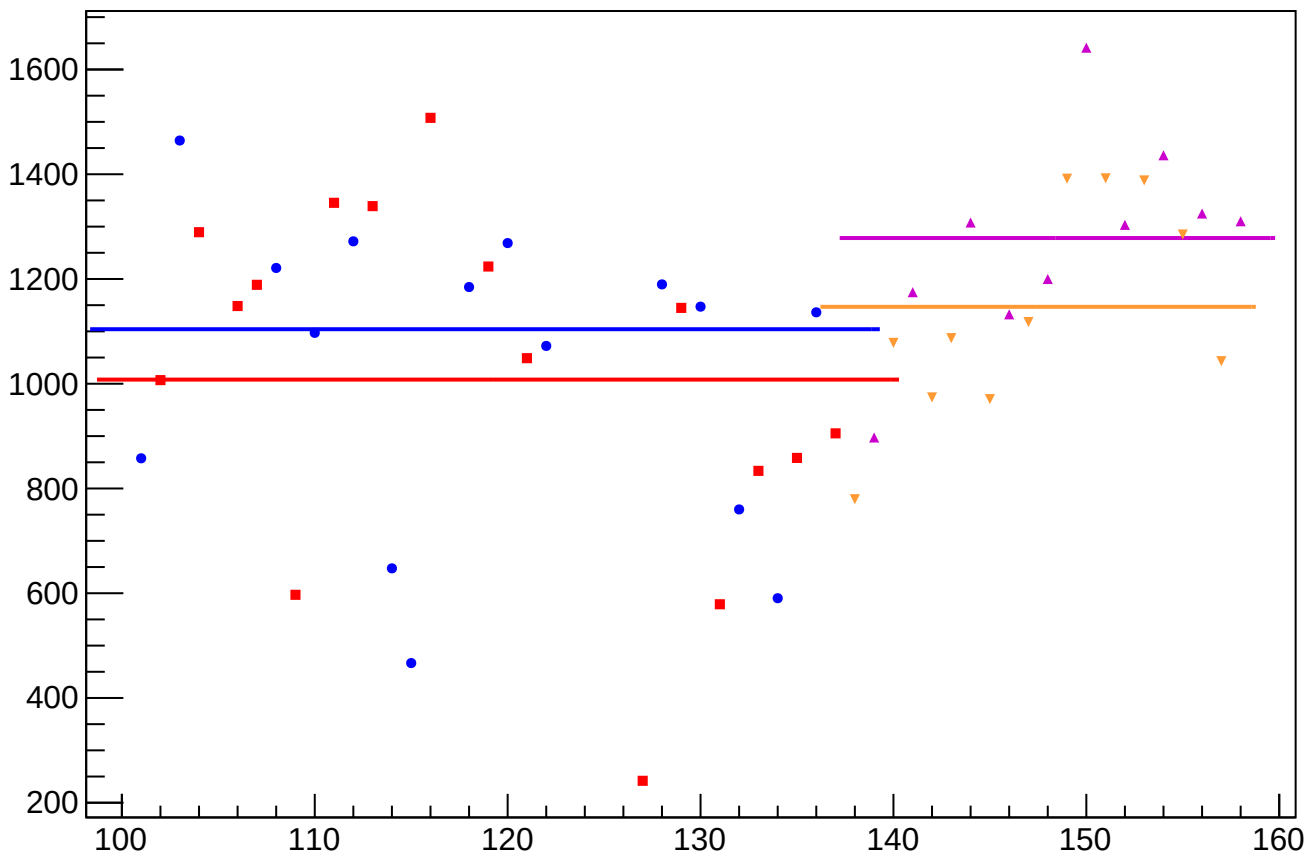
Left In: 151.982+/-0.000 χ^2/NDF : 596546587433960302662811533227065344.0/9

+ sign 240.842+/-0.000 χ^2/NDF : 174792006800036

All: 360.741+/-0.000 χ^2/NDF : 249931259203

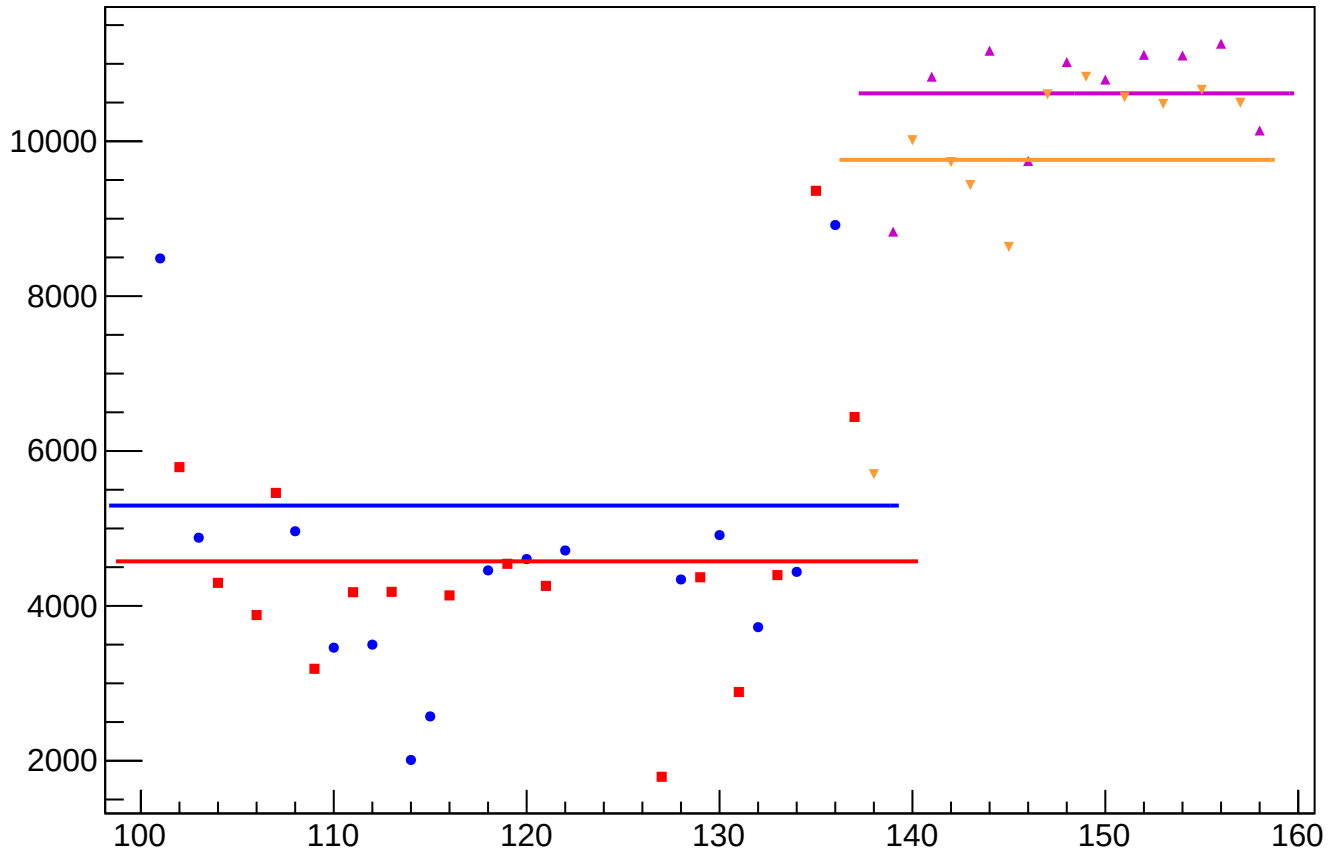
- sign 478.190+/-0.000 χ^2/NDF : 228223240352452

dit_atl1_coil3_Ndata_mean vs Slug



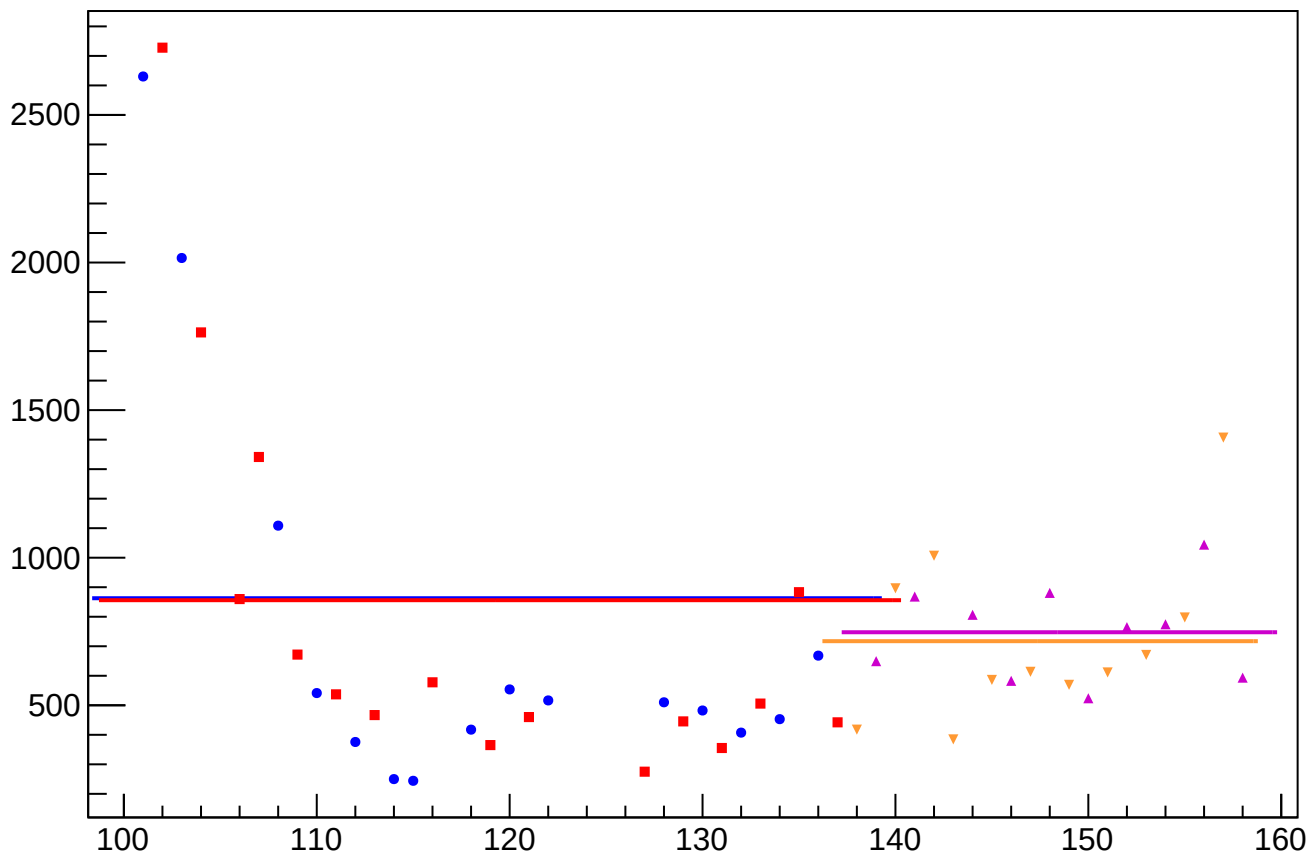
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9760.222+/-0.000 χ^2/NDF : 1755491383581934318693739674842383253504.0/10
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10618.590+/-0.000 χ^2/NDF : 463587546533557422210478209642530865152.0/9

dit_atl2_coil3_err_mean vs Slug



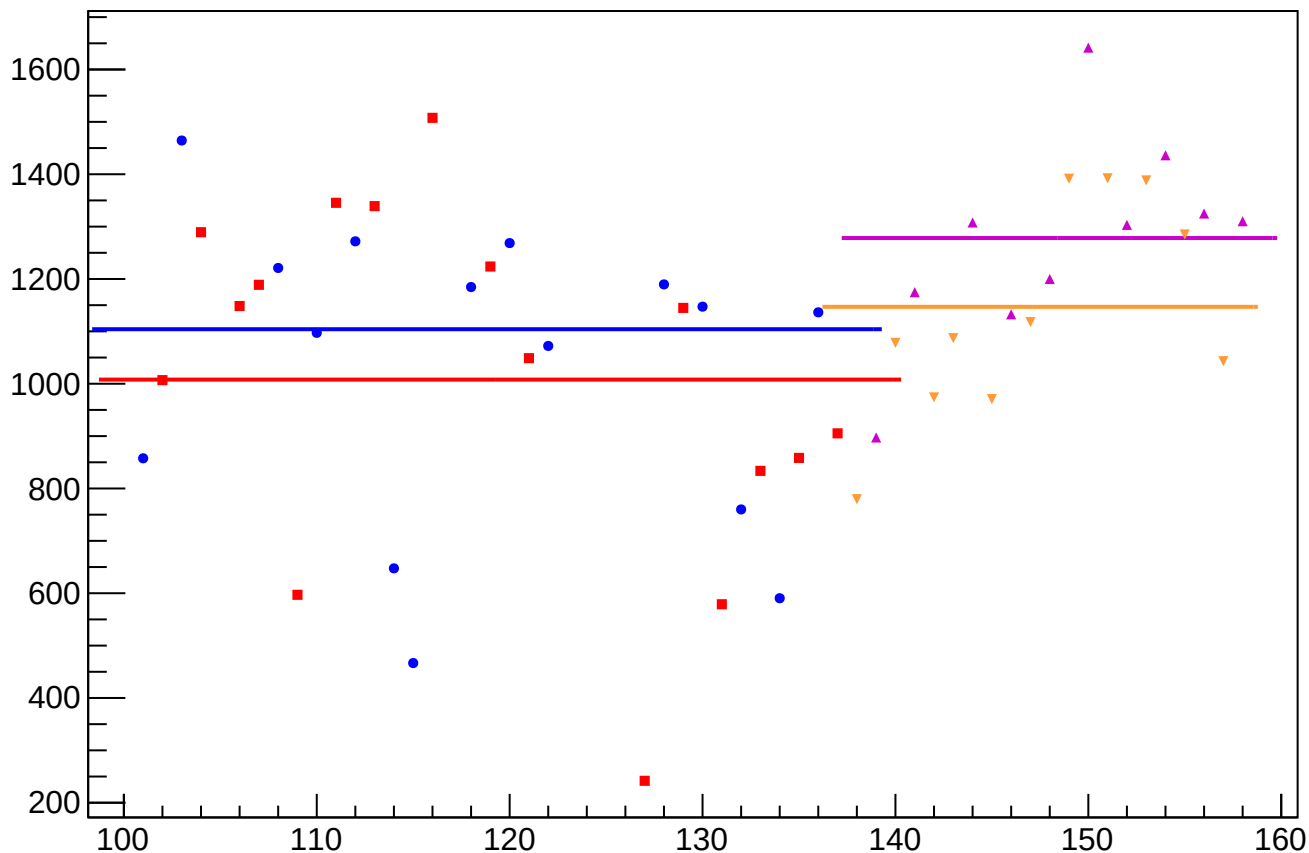
Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 717.185+/-0.000 χ^2/NDF : 64122969389736103313726761312236601344.0/10

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

Left In: 747.468+/-0.000 χ^2/NDF : 19678453479780009794296387284024426496.0/9

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

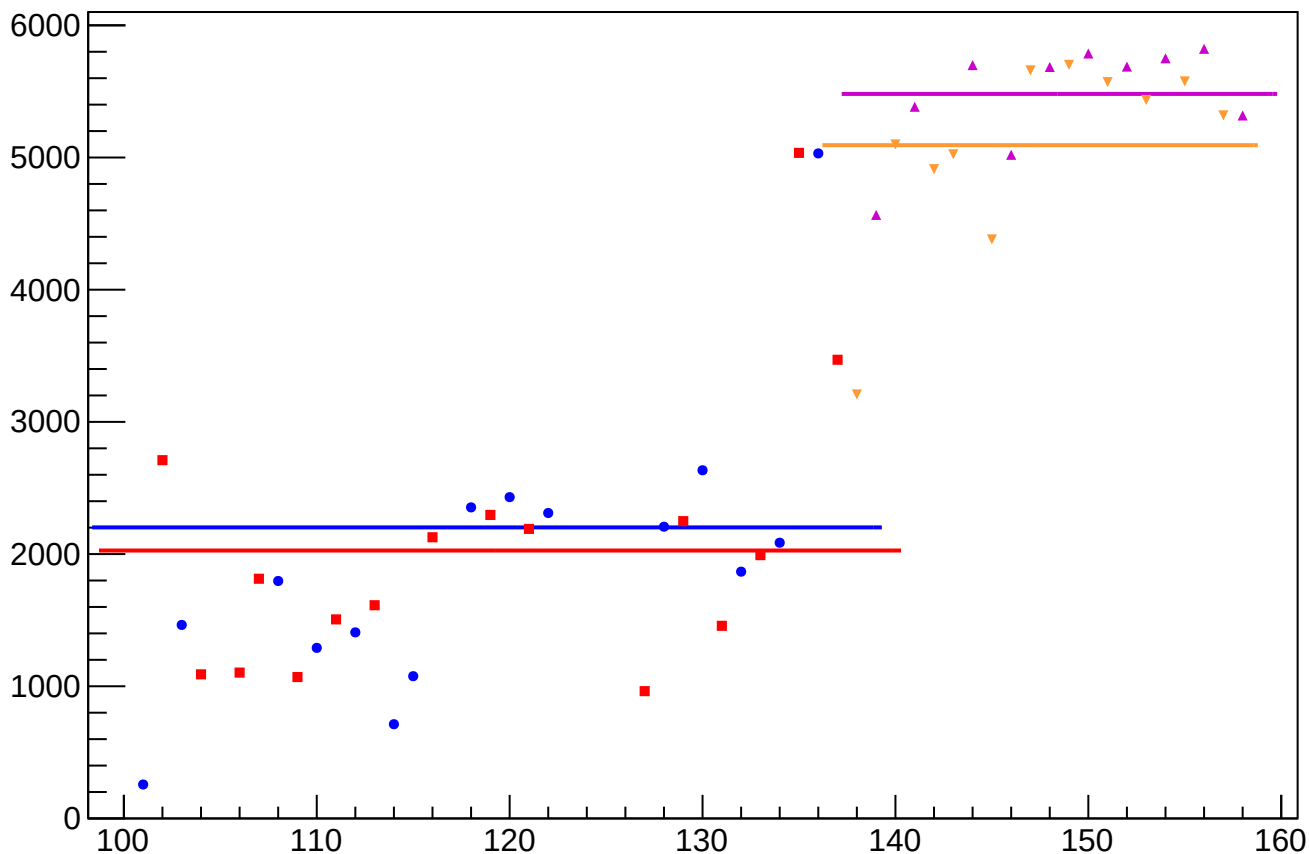
Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

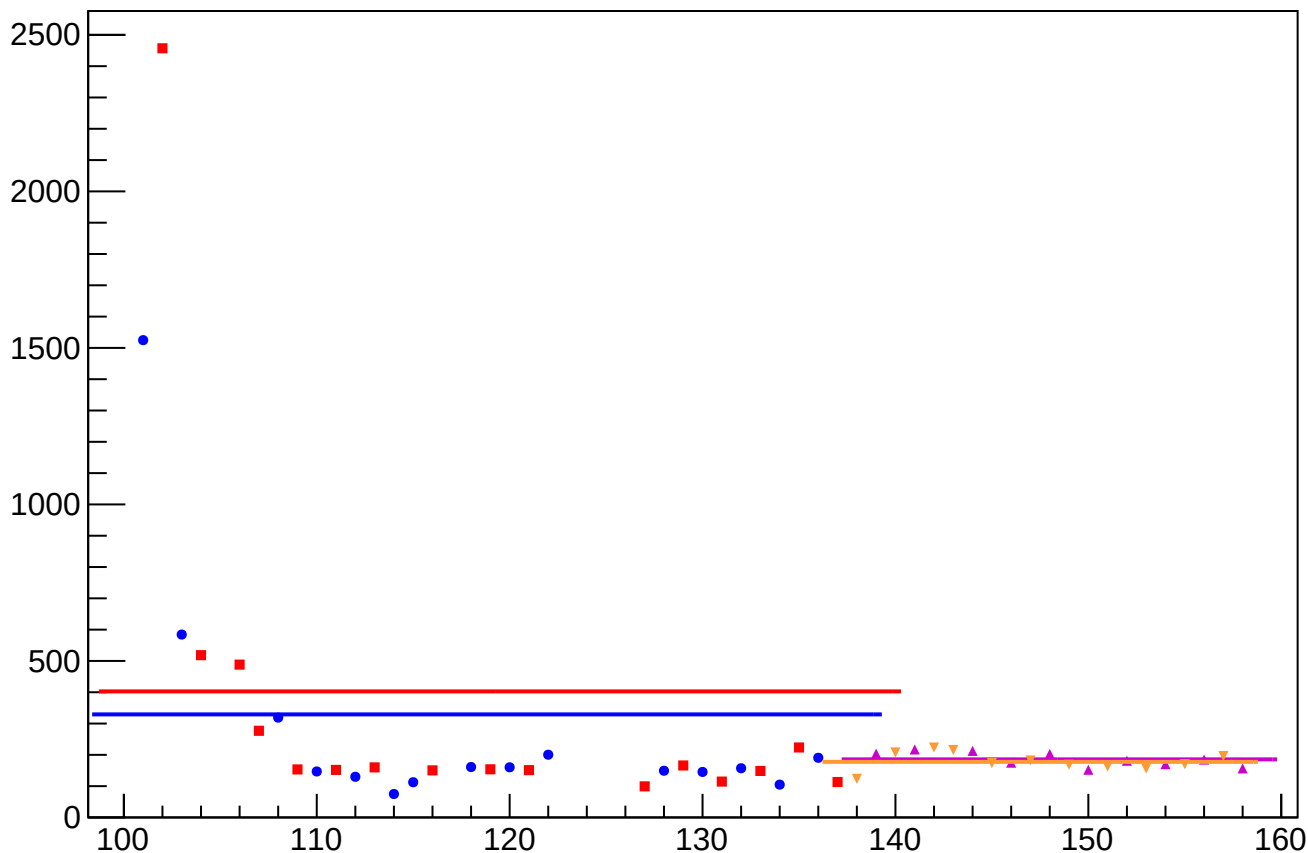
+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234
 All: 1143.935+/-0.000 χ^2/NDF : 19219043308
 - sign 1159.365+/-0.000 χ^2/NDF : 12595109493212

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5093.339+/-0.000 χ^2/NDF : 426417305277345891343906076160417595392.0/10
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5481.005+/-0.000 χ^2/NDF : 124130283739564310898501232244333477888.0/9

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 177.634+/-0.000 χ^2/NDF : 592072033491824661727305623784128512.0/10

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

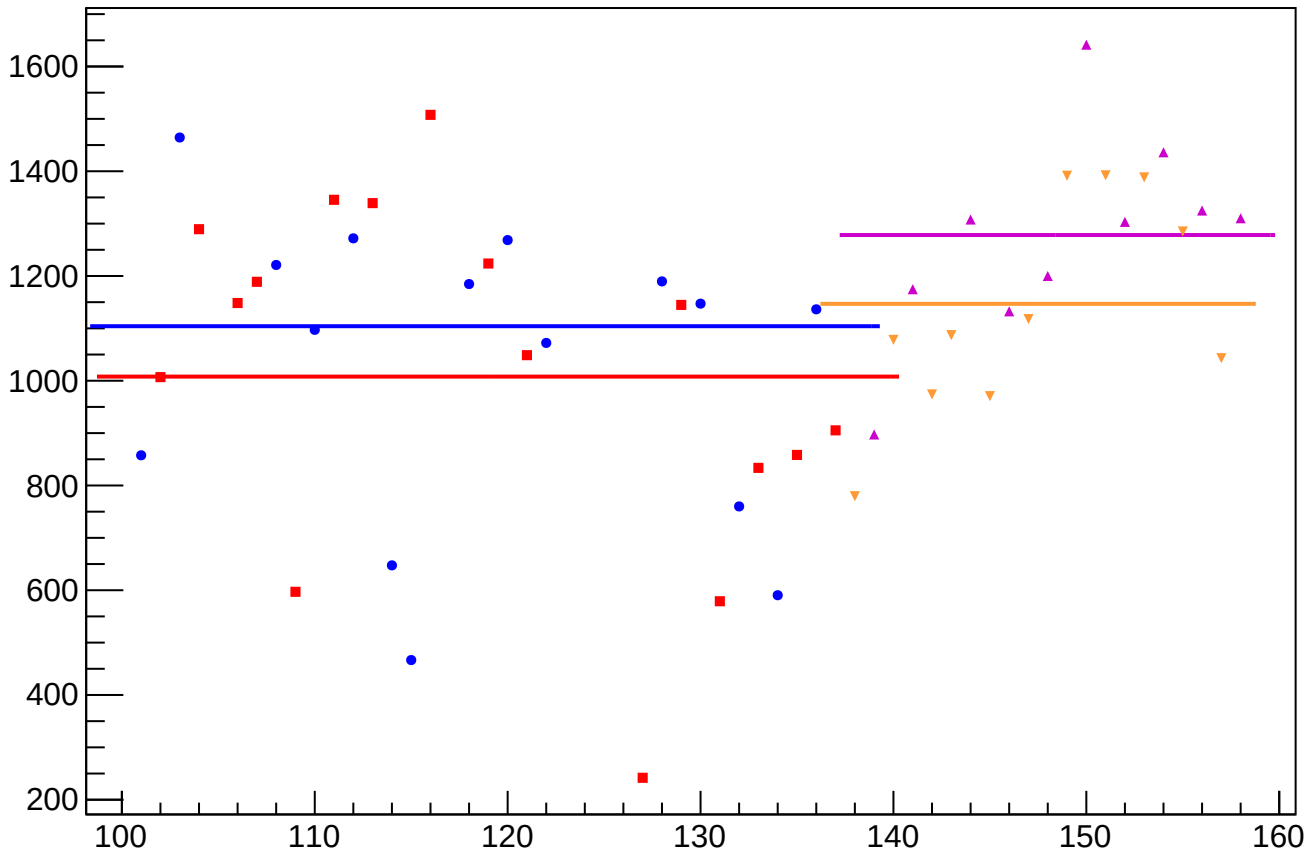
Left In: 185.579+/-0.000 χ^2/NDF : 402895145659313566051705634282274816.0/9

+ sign 243.842+/-0.000 χ^2/NDF : 112277935202530

All: 262.633+/-0.000 χ^2/NDF : 40897216302

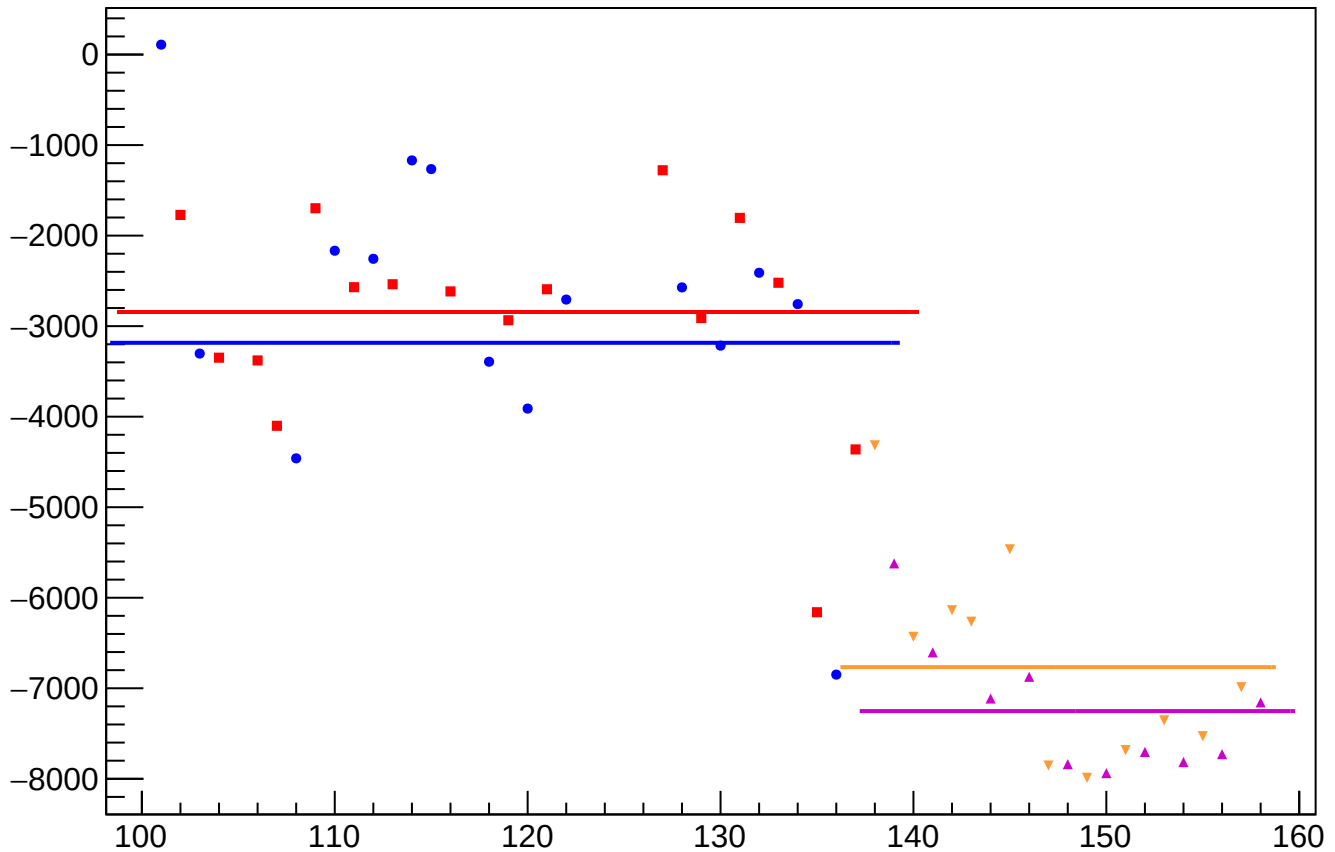
- sign 281.039+/-0.000 χ^2/NDF : 295655584202284

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

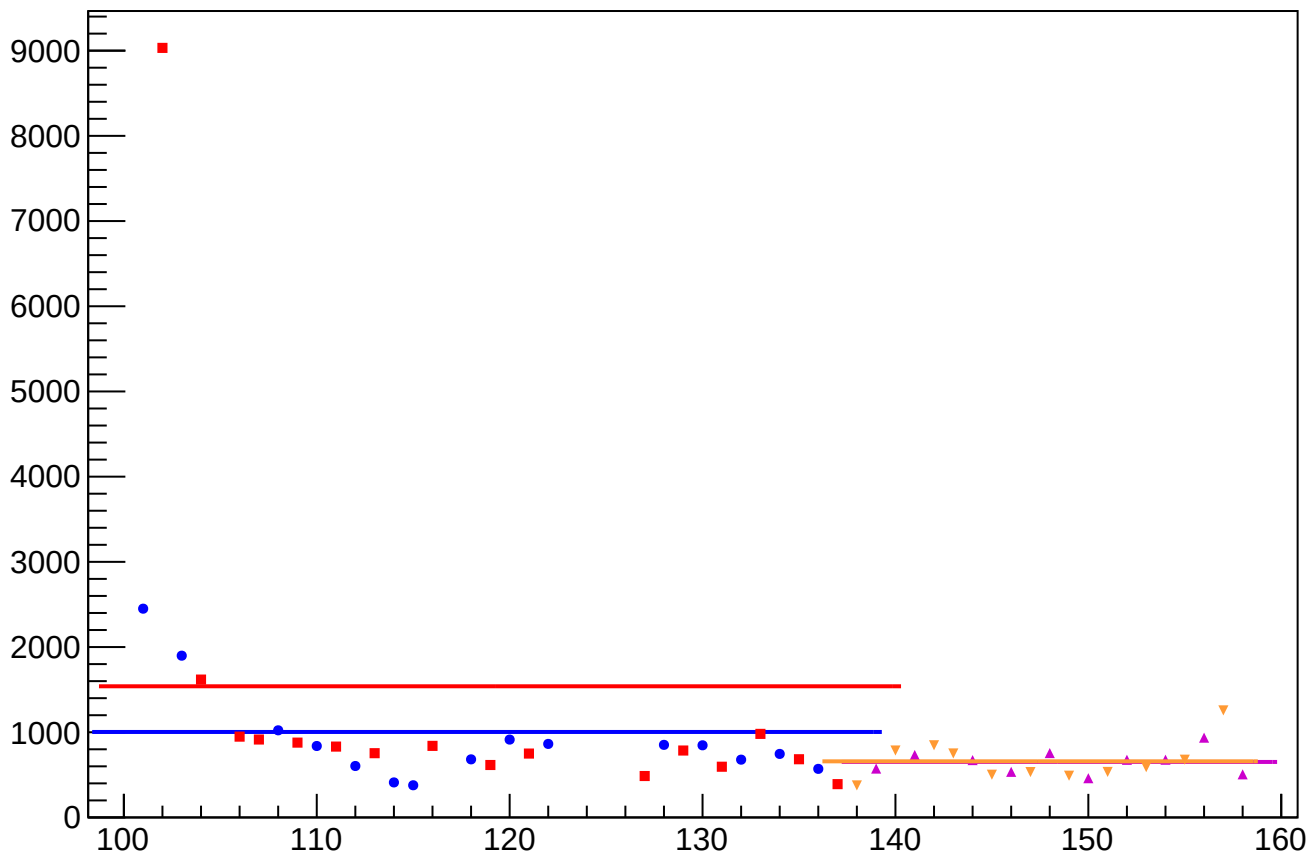
dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000	χ^2/NDF : 2134923281384422537296044119642733543424.0/14
Left Out: -6766.530+/-0.000	χ^2/NDF : 1011780572573715578659495339559669989376.0/10
Right Out: -2843.597+/-0.000	χ^2/NDF : 947077611563723244705531091944015396864.0/15
Left In: -7252.059+/-0.000	χ^2/NDF : 401360397531663819470178391350768041984.0/9

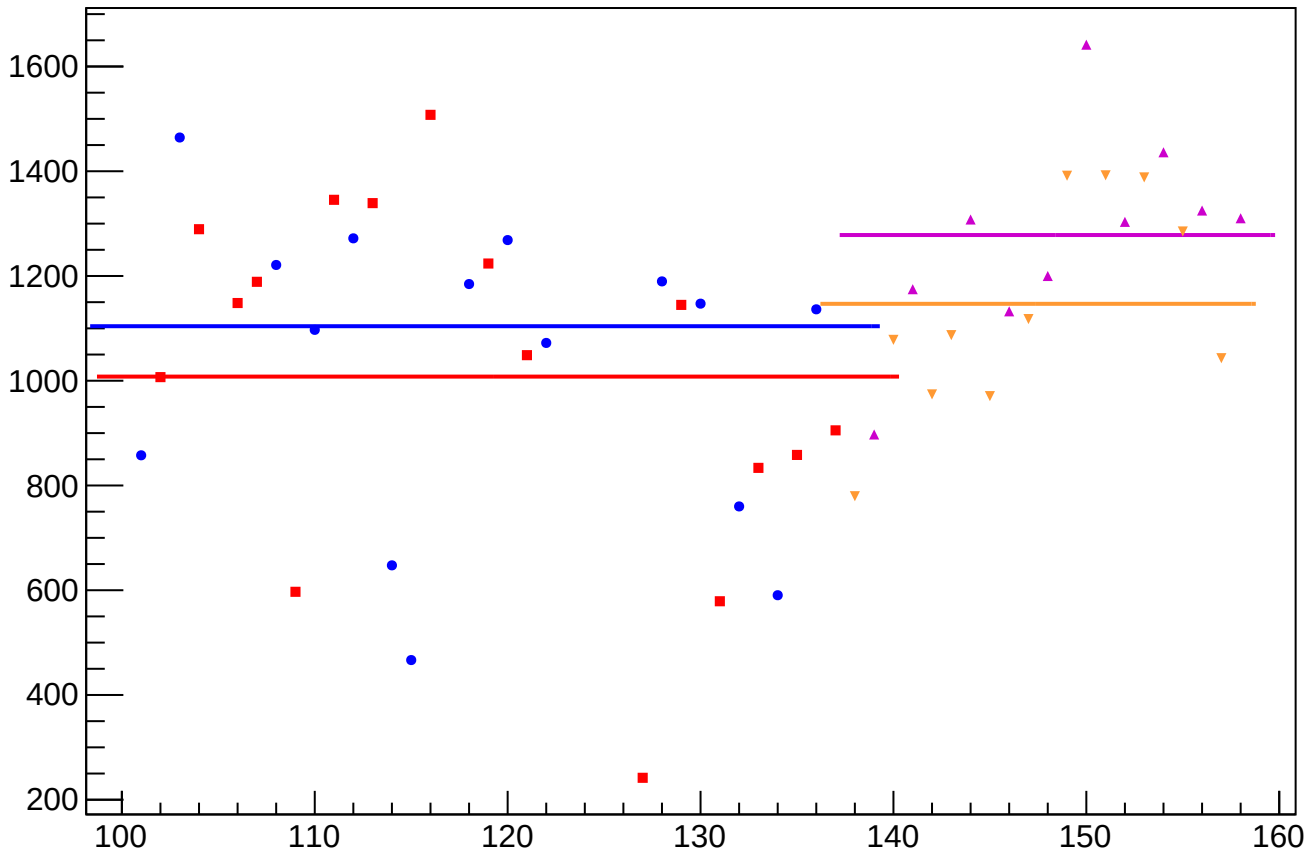
+ sign -5201.854+/-0.000 χ^2/NDF : 7838600689471.0/10
 All: -5258.370+/-0.000 χ^2/NDF : 1645972596.0/15
 - sign -5313.731+/-0.000 χ^2/NDF : 86117295782716.0/15

dit_atr2_coil3_err_mean vs Slug



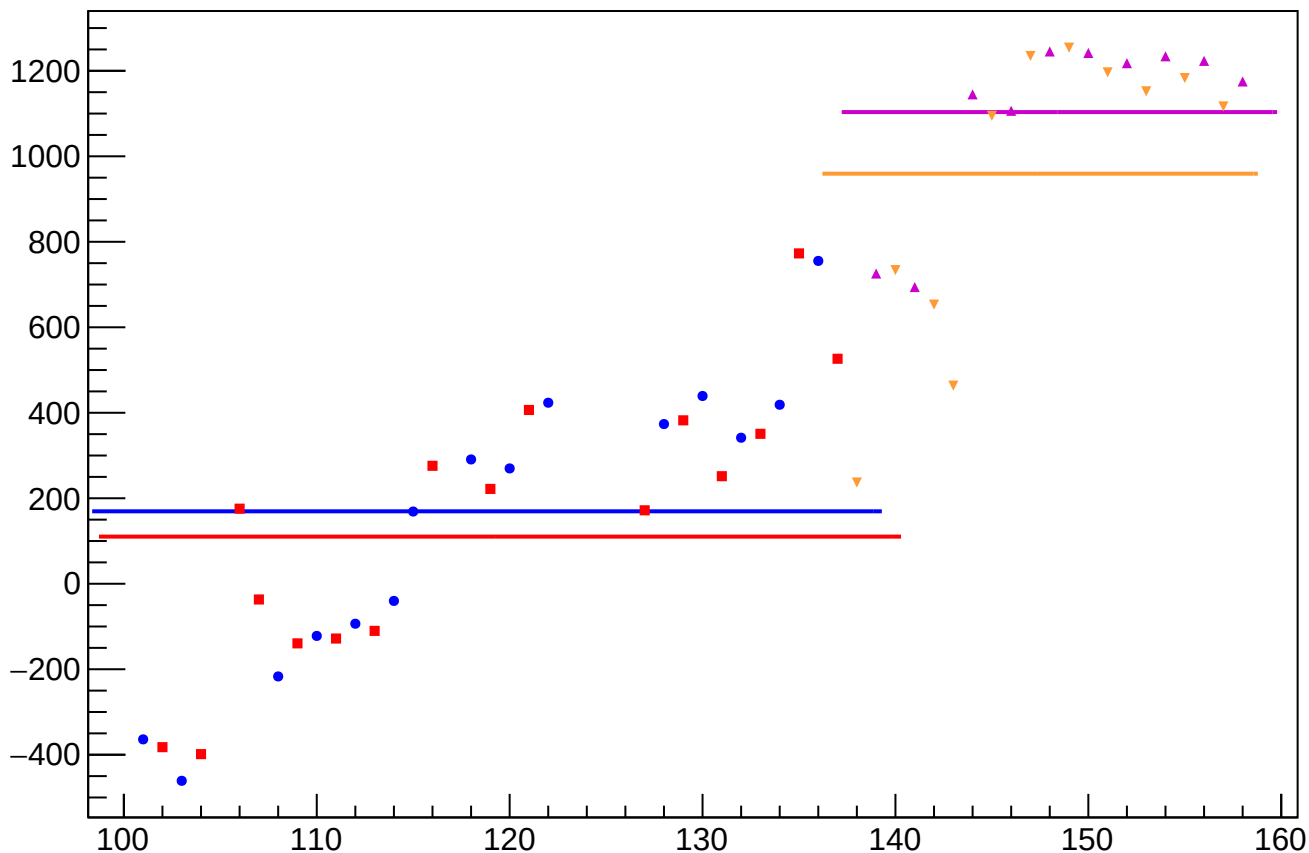
Right In: 1003.407 $\pm$ 0.000 χ^2 /NDF: 219815257294811198811064619822196195328.0/14
 Left Out: 658.635 $\pm$ 0.000 χ^2 /NDF: 45255167784798939453451749166036287488.0/10
 Right Out: 1539.568 $\pm$ 0.000 χ^2 /NDF: 3614774785297482293145354574125437288448.0/15
 Left In: 651.442 $\pm$ 0.000 χ^2 /NDF: 14771671954473899364591371978572562432.0/9

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam1_coil3_mean vs Slug



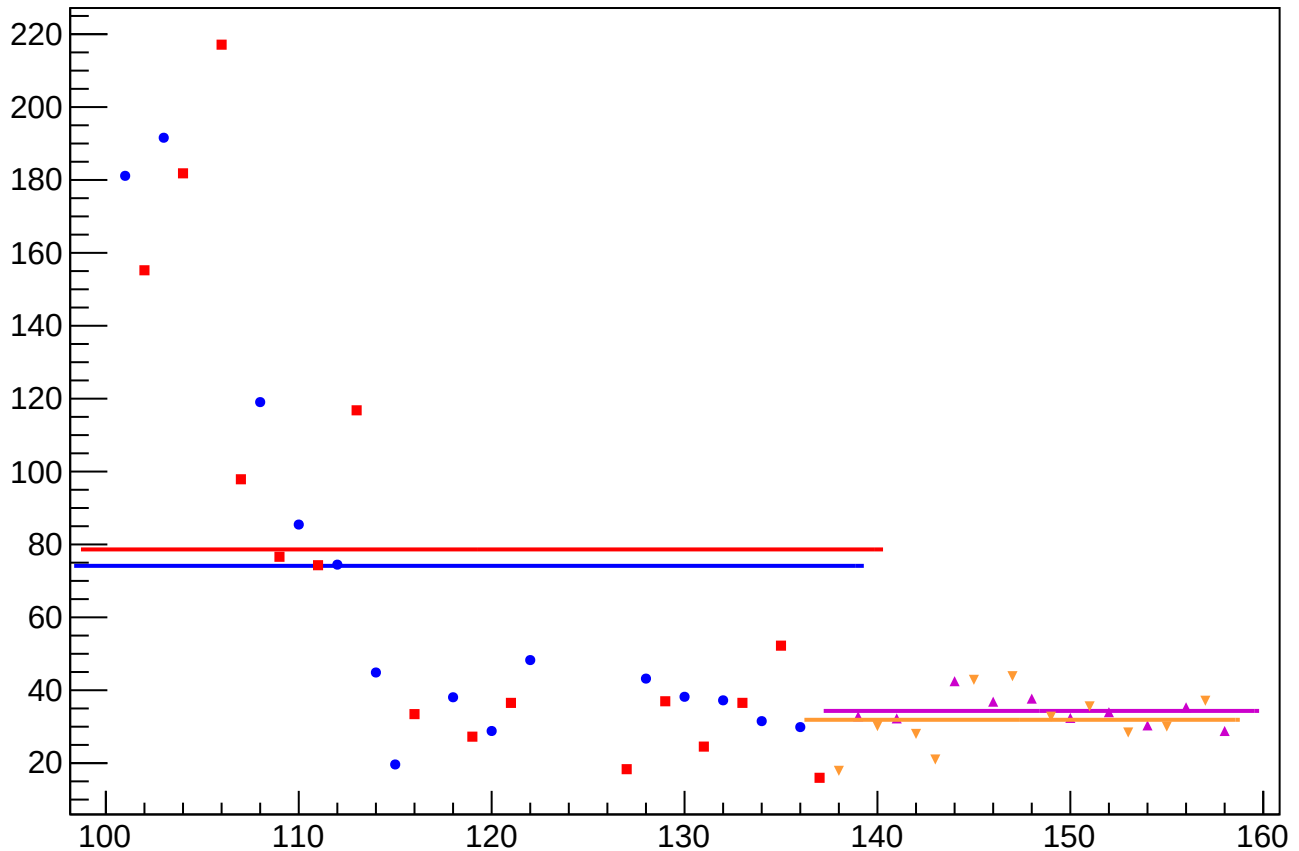
Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 959.355+/-0.000 χ^2/NDF : 93826302235032228950716835461756616704.0/10

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

Left In: 1103.483+/-0.000 χ^2/NDF : 33599275453837935373296698532648976384.0/9

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.893+/-0.000 χ^2/NDF : 49651077912140579552727779076210688.0/10

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

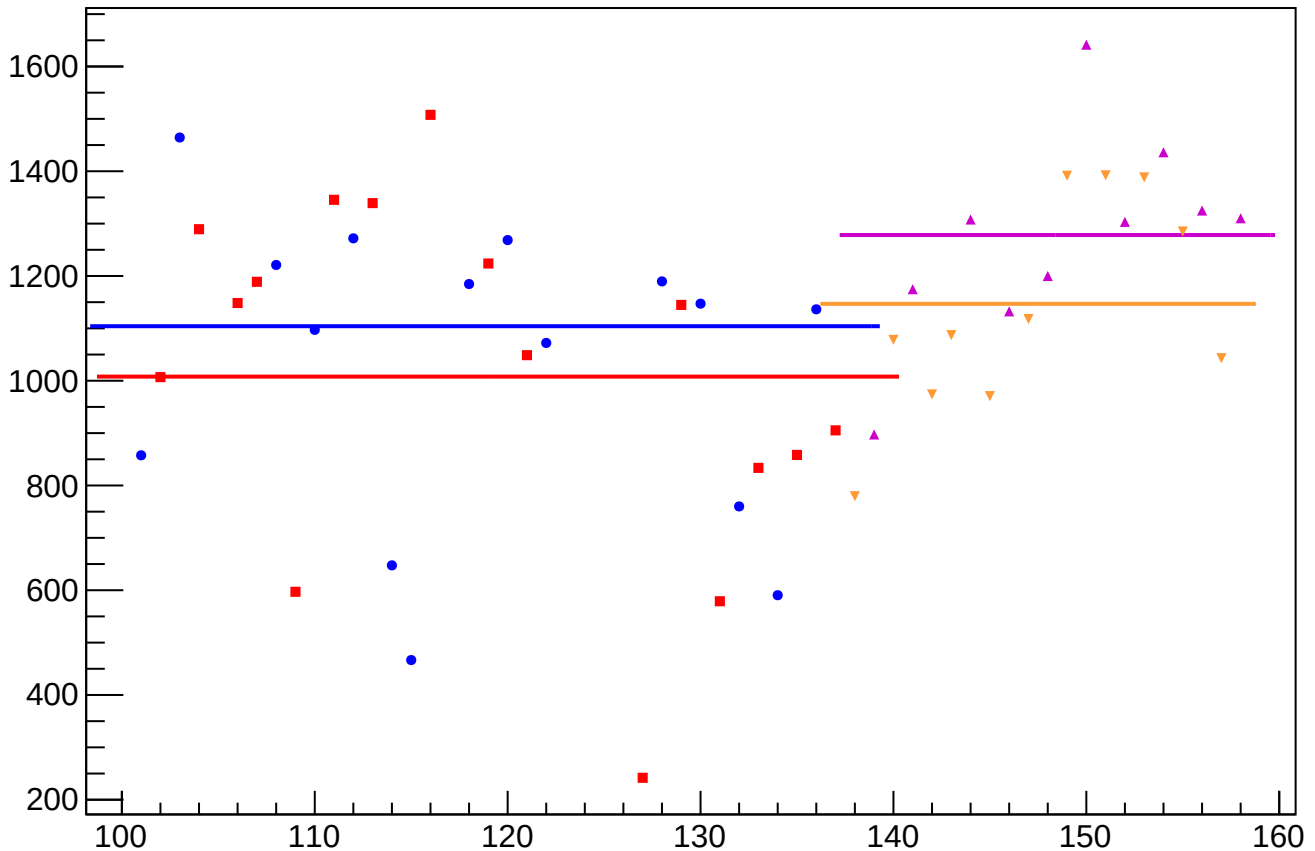
Left In: 34.328+/-0.000 χ^2/NDF : 12229871444057816079129567123472384.0/9

+ sign 50.339+/-0.000 χ^2/NDF : 2870134222565036

All: 52.091+/-0.000 χ^2/NDF : 5968232338277

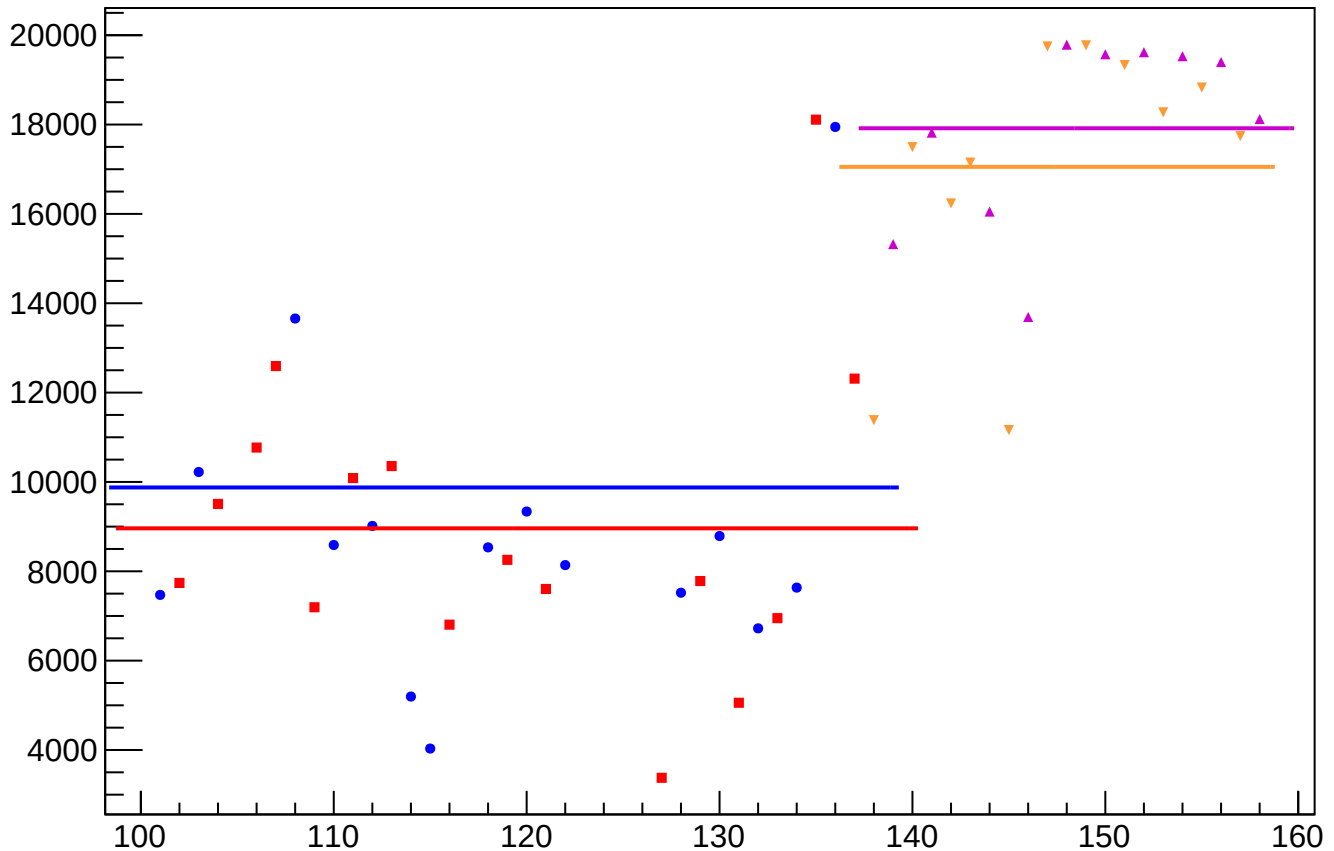
- sign 53.808+/-0.000 χ^2/NDF : 3089063234369893

dit_sam1_coil3_Ndata_mean vs Slug



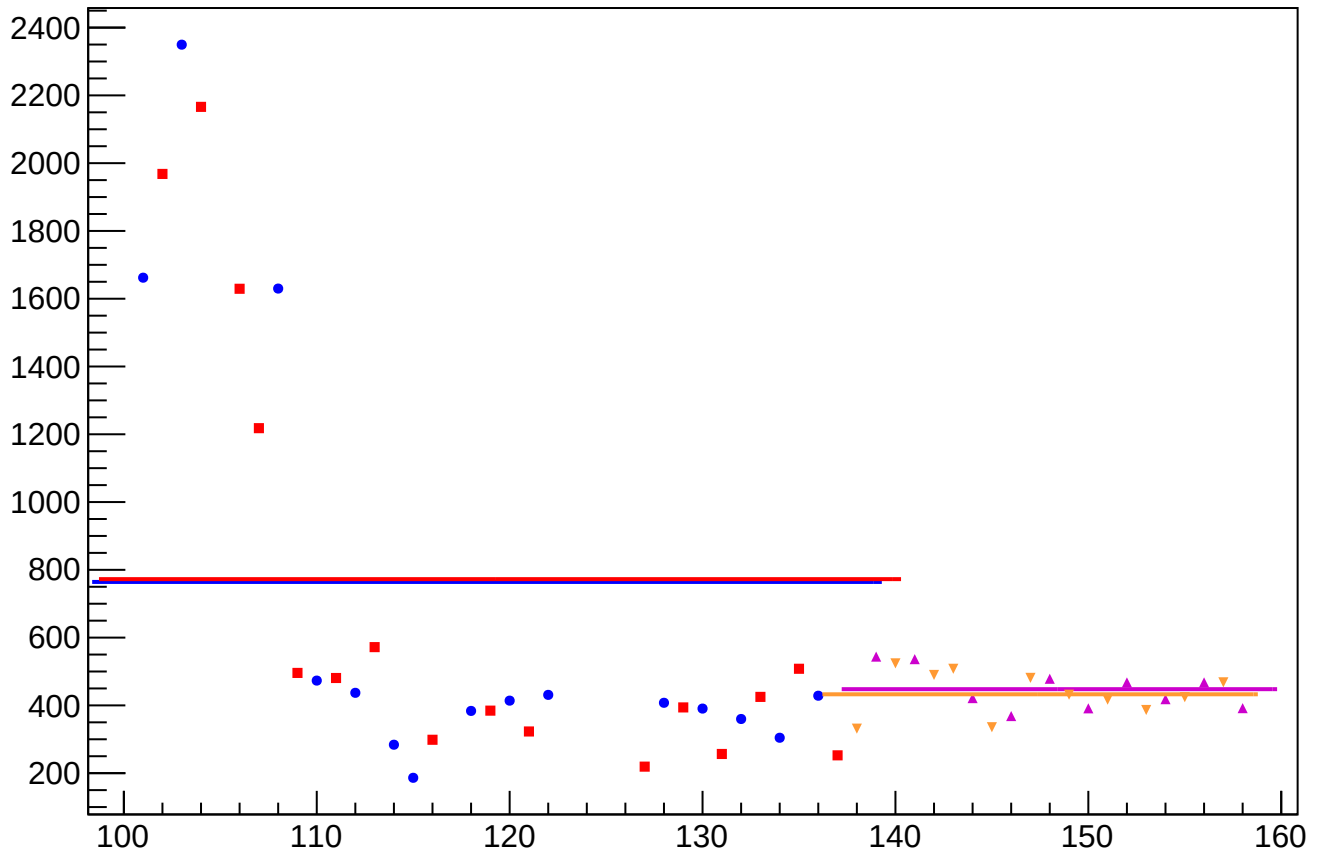
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17052.673+/-0.000 χ^2/NDF : 7370159403766662366481185013966611415040.0/10
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17916.868+/-0.000 χ^2/NDF : 3542569553800076248150385891804423651328.0/9

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 432.738+/-0.000 χ^2/NDF : 3269309951144802246876987087459975168.0/10

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

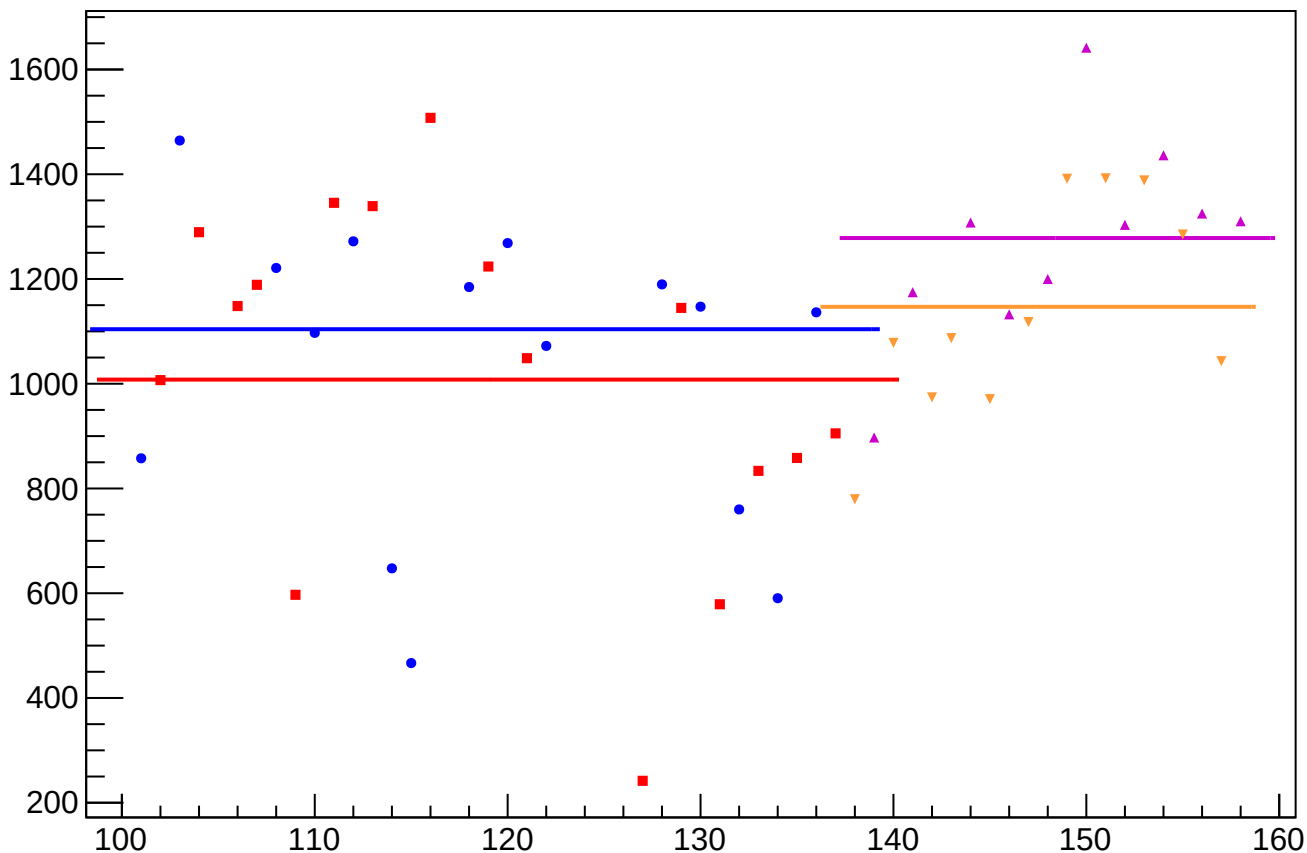
Left In: 447.860+/-0.000 χ^2/NDF : 2767882529596956792546356167037681664.0/9

+ sign 577.539+/-0.000 χ^2/NDF : 334416749025082

All: 584.147+/-0.000 χ^2/NDF : 662614638009

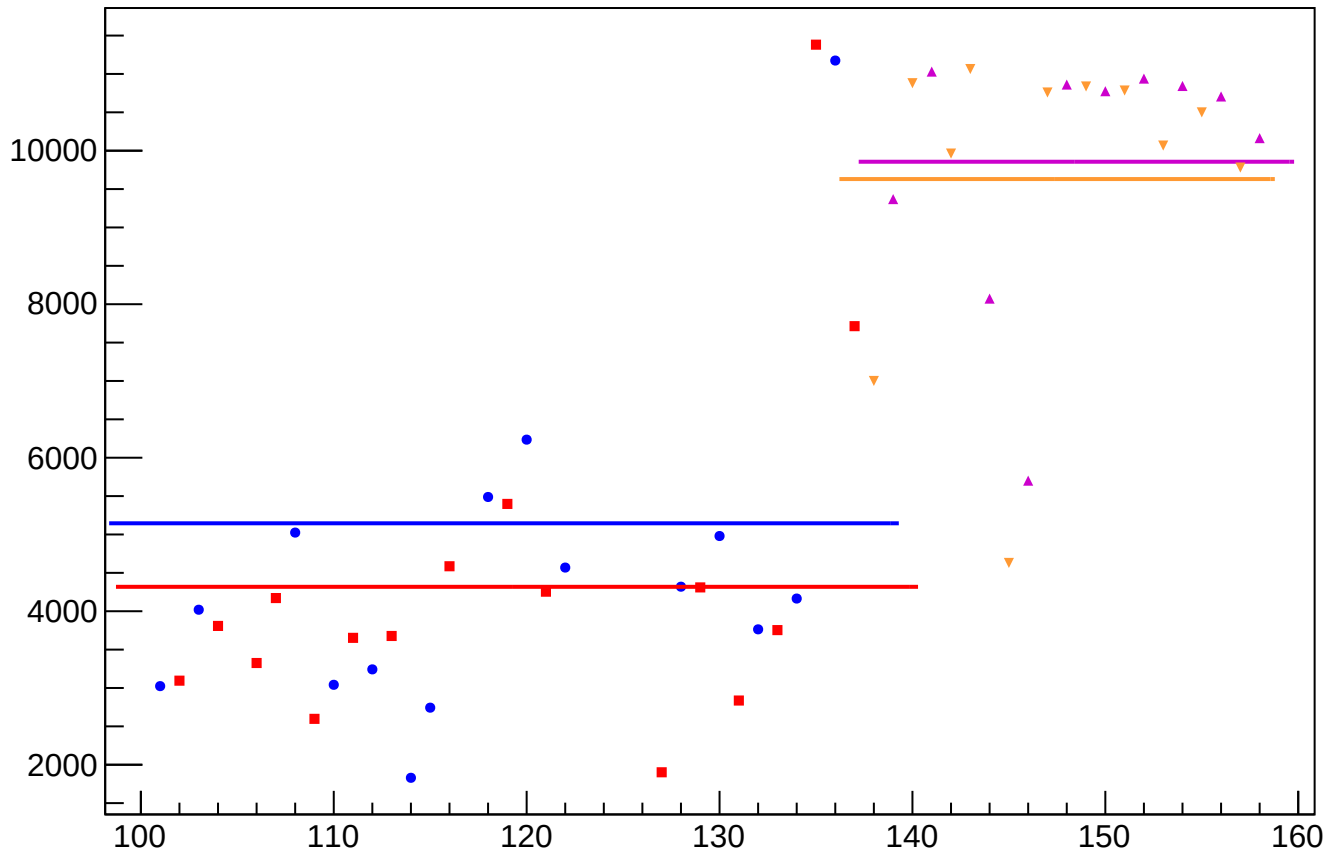
- sign 590.620+/-0.000 χ^2/NDF : 328069432743313

dit_sam2_coil3_Ndata_mean vs Slug



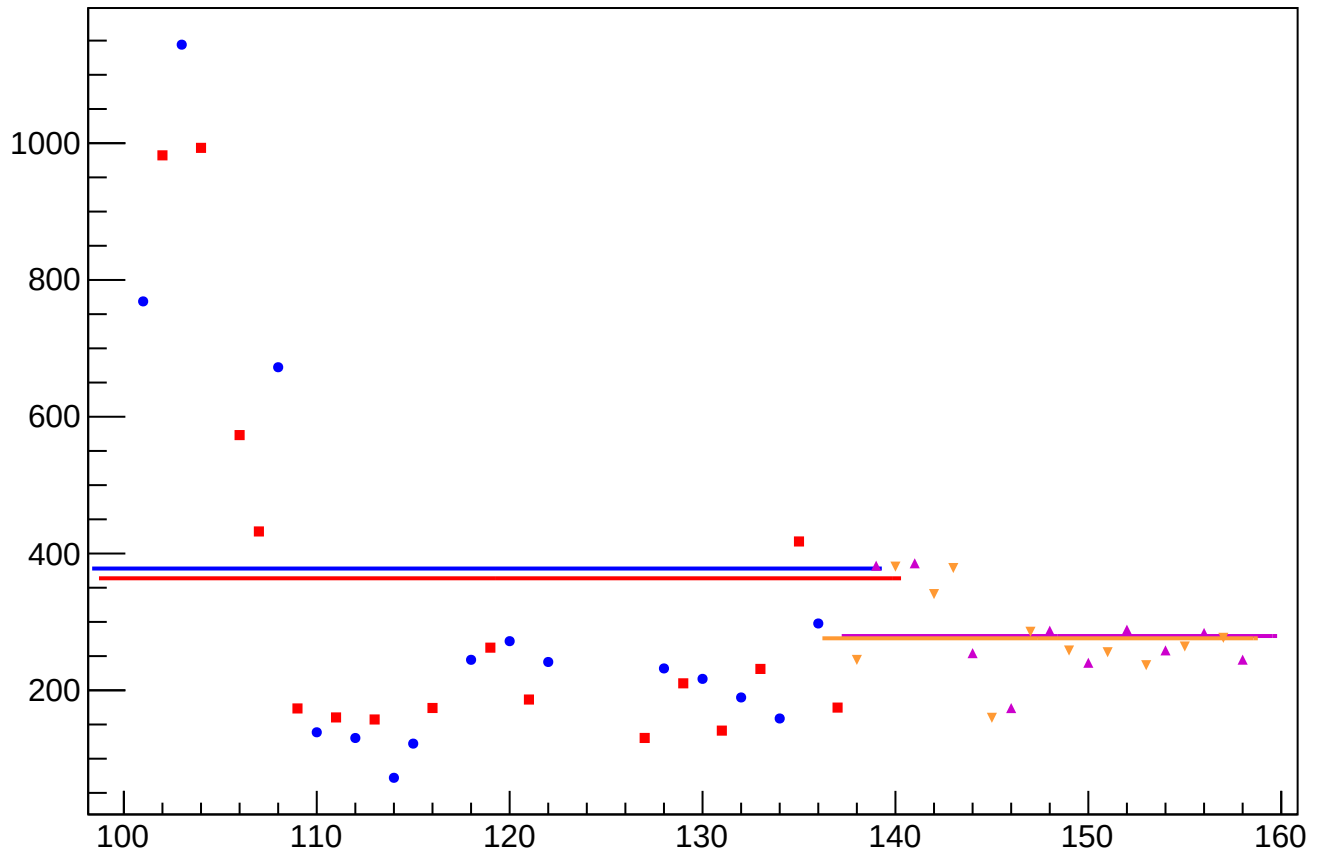
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9630.502+/-0.000 χ^2/NDF : 3238514974227315537911601393849247727616.0/10
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9856.187+/-0.000 χ^2/NDF : 2268394838550359878050659588500239679488.0/9
 All: 7545.192+/-0.000 χ^2/NDF : 31987154926
 + sign 7671.777+/-0.000 χ^2/NDF : 14864069881532
 - sign 7421.193+/-0.000 χ^2/NDF : 17075948436309

dit_sam3_coil3_err_mean vs Slug



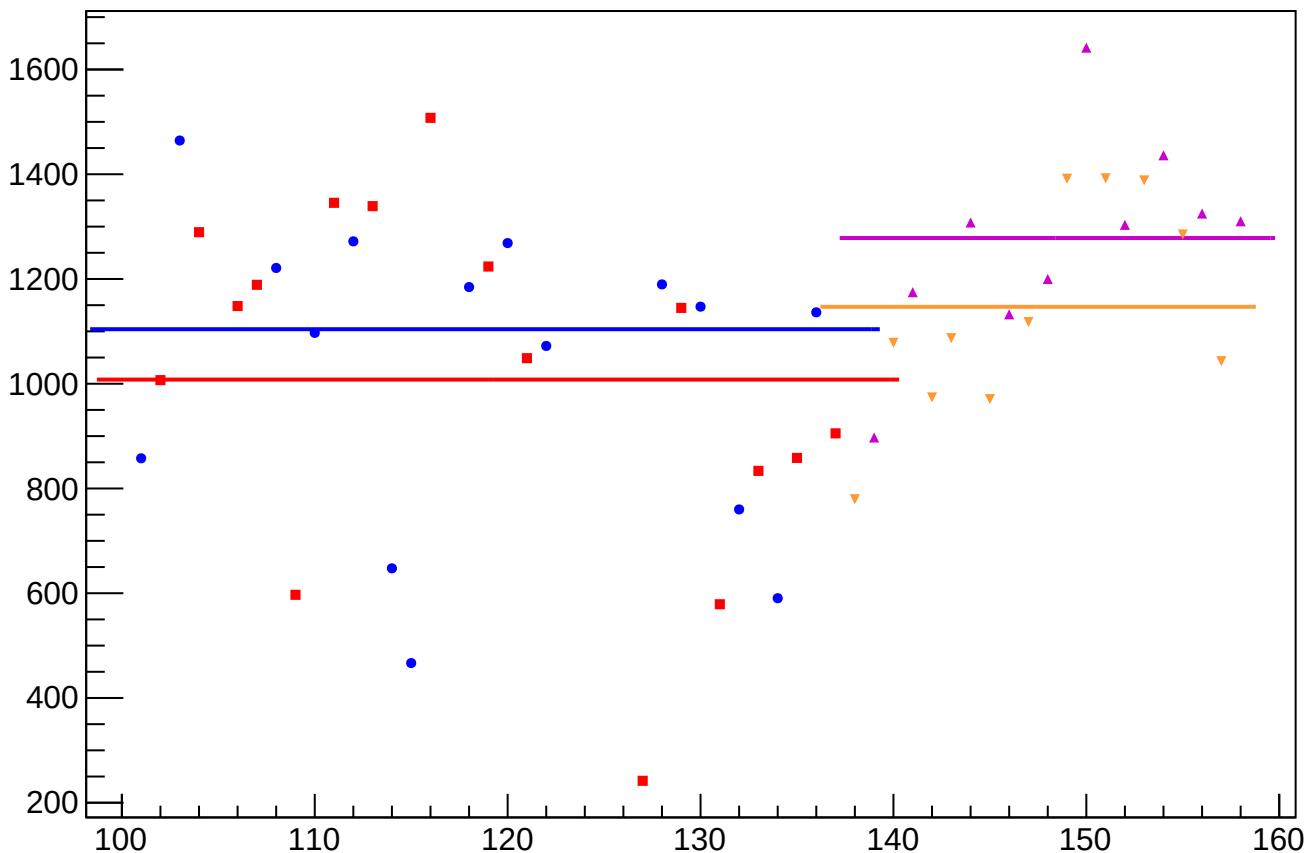
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 276.026+/-0.000 χ^2/NDF : 3181634034320209726483113812728741888.0/10

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

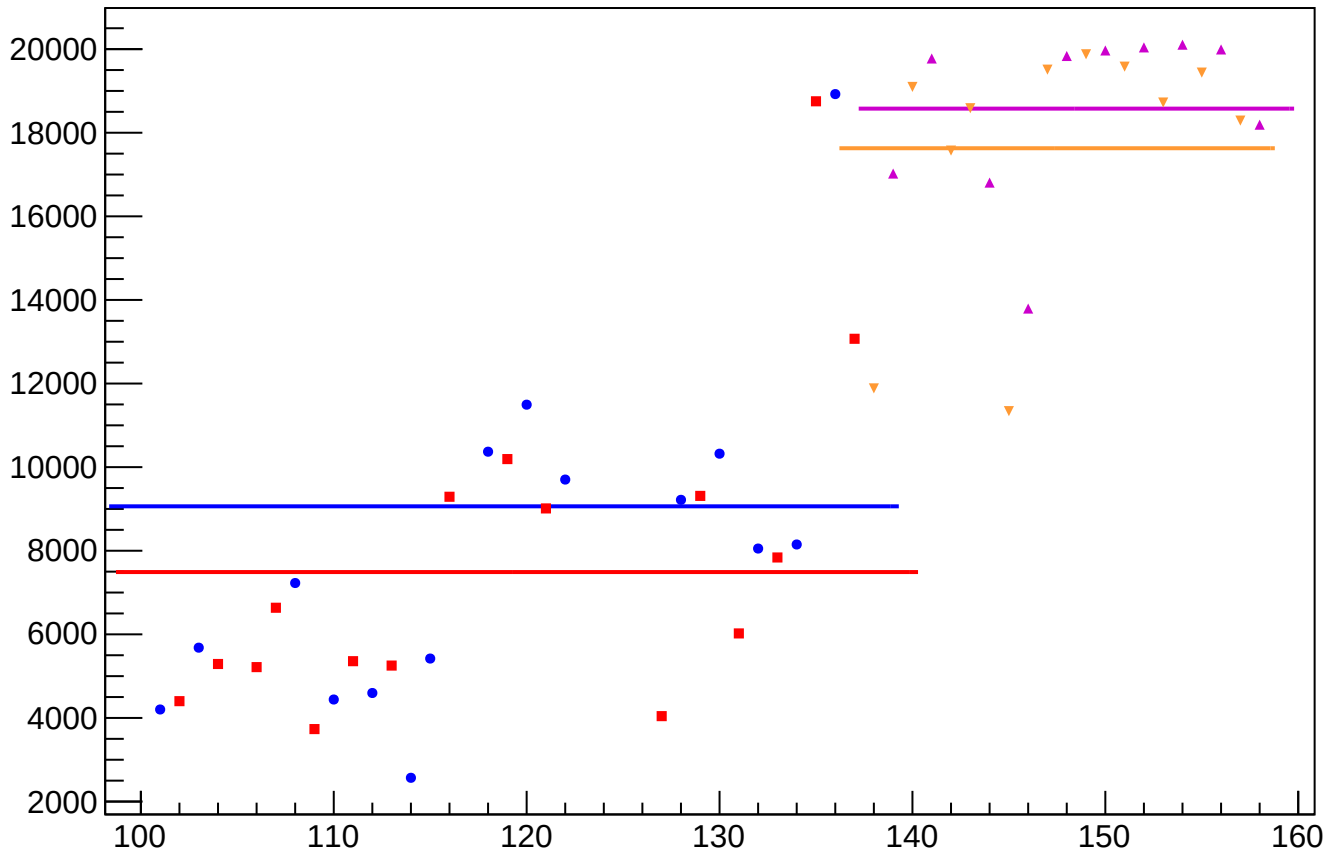
Left In: 279.374+/-0.000 χ^2/NDF : 3084442368805298384427675373535232000.0/9

dit_sam3_coil3_Ndata_mean vs Slug



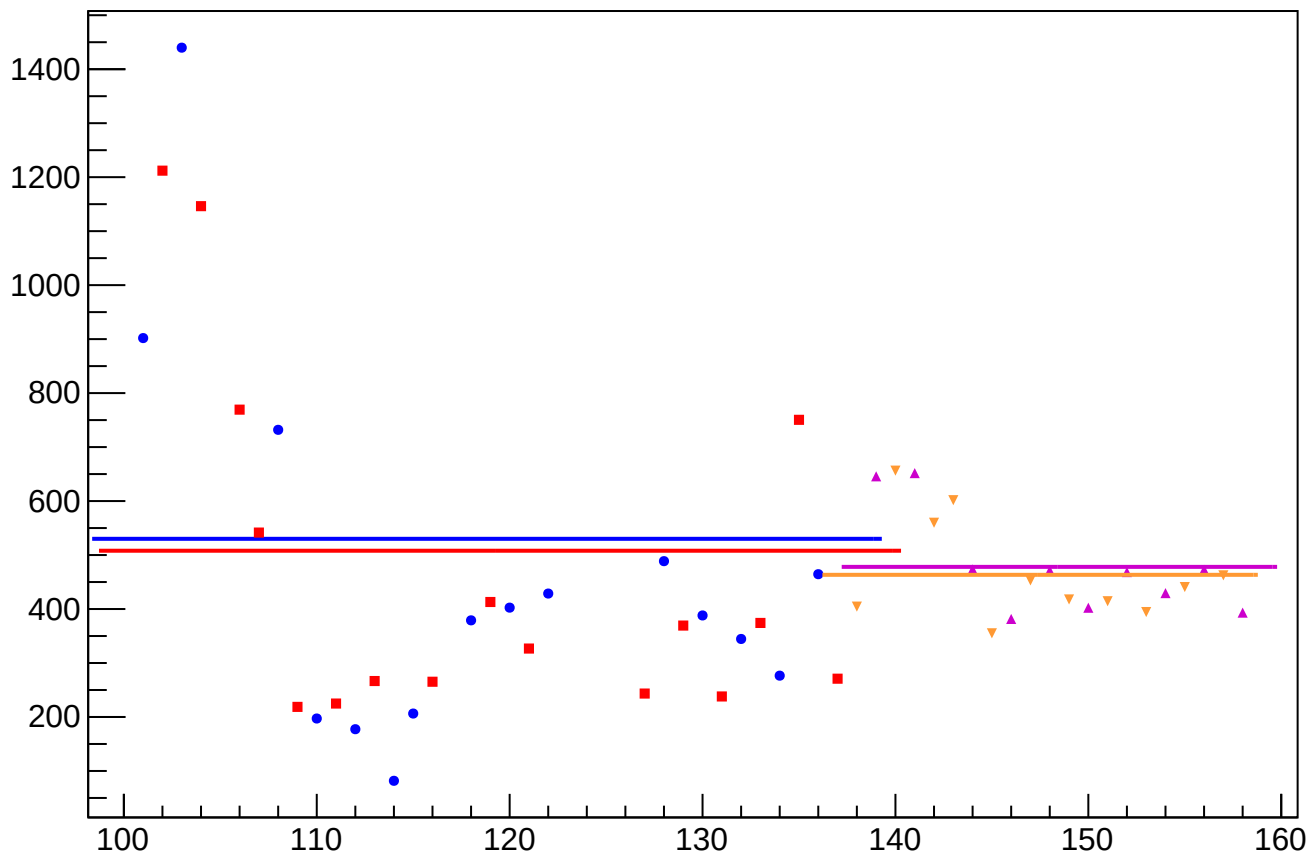
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17629.077+/-0.000 χ^2/NDF : 7408237807852212414075572184960877985792.0/10
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18576.687+/-0.000 χ^2/NDF : 3371718062666820096457287151772130869248.0/9

dit_sam4_coil3_err_mean vs Slug



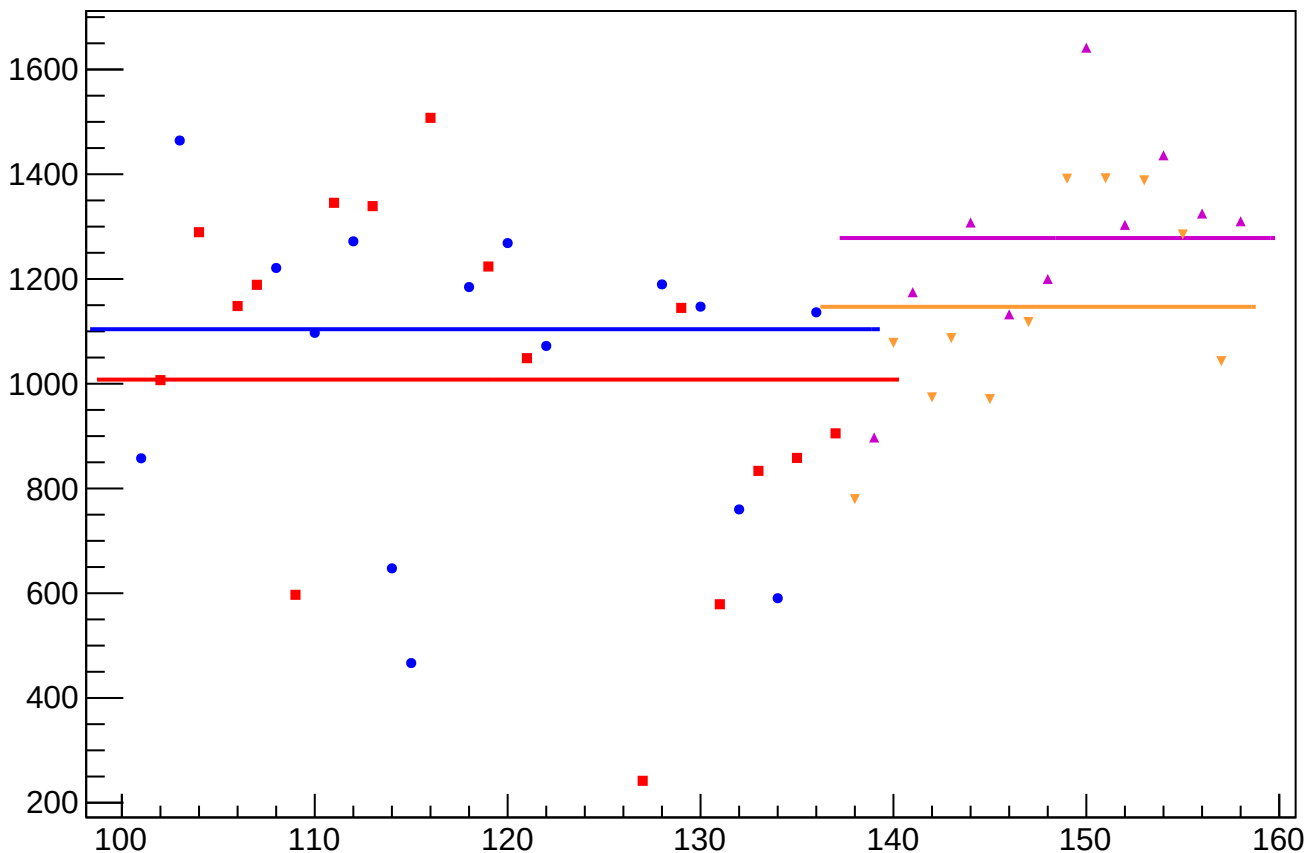
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 463.356+/-0.000 χ^2/NDF : 6796951080776677315631843870301487104.0/10

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: 478.090+/-0.000 χ^2/NDF : 6944987516276084500153126605260062720.0/9

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

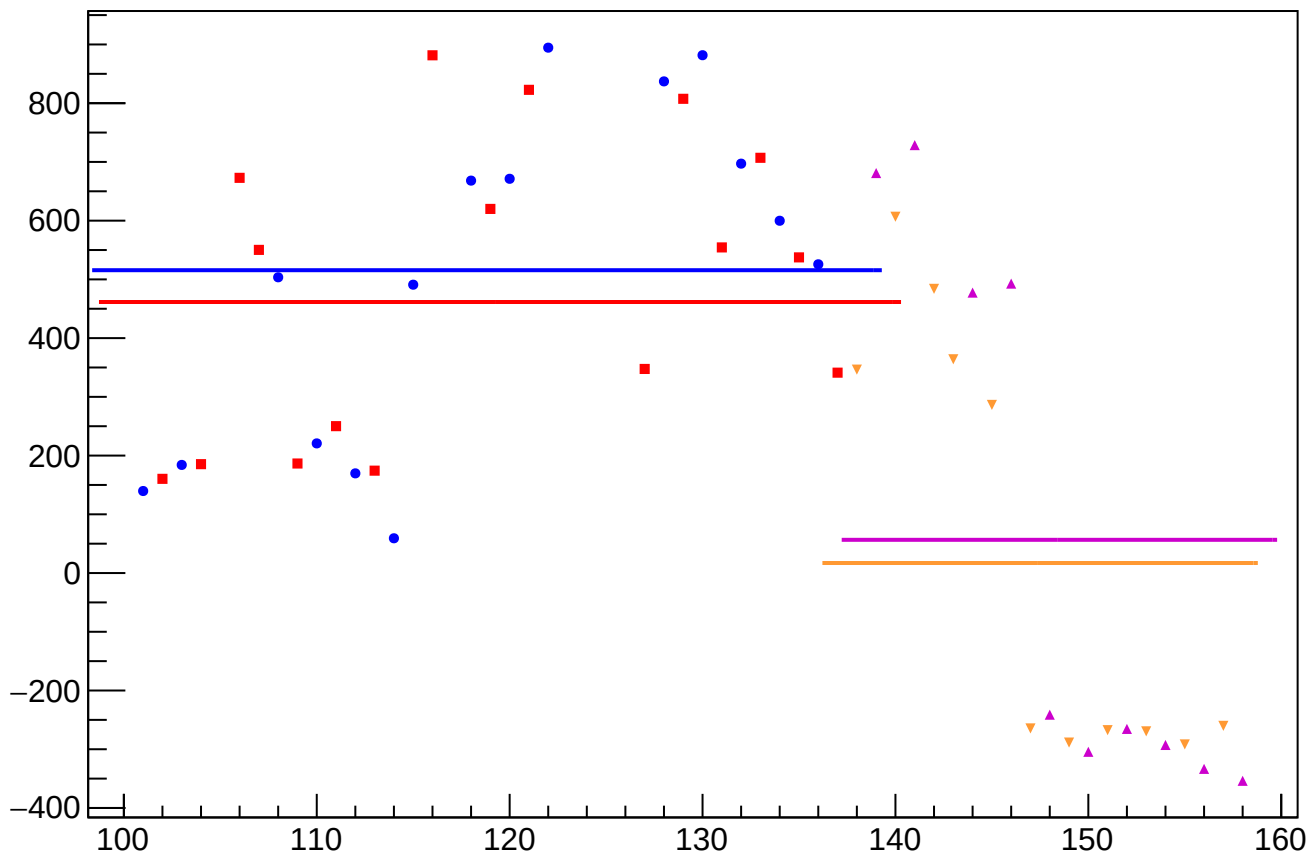
Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234
 All: 1143.935+/-0.000 χ^2/NDF : 19219043308
 - sign 1159.365+/-0.000 χ^2/NDF : 12595109493212

dit_sam5_coil3_mean vs Slug



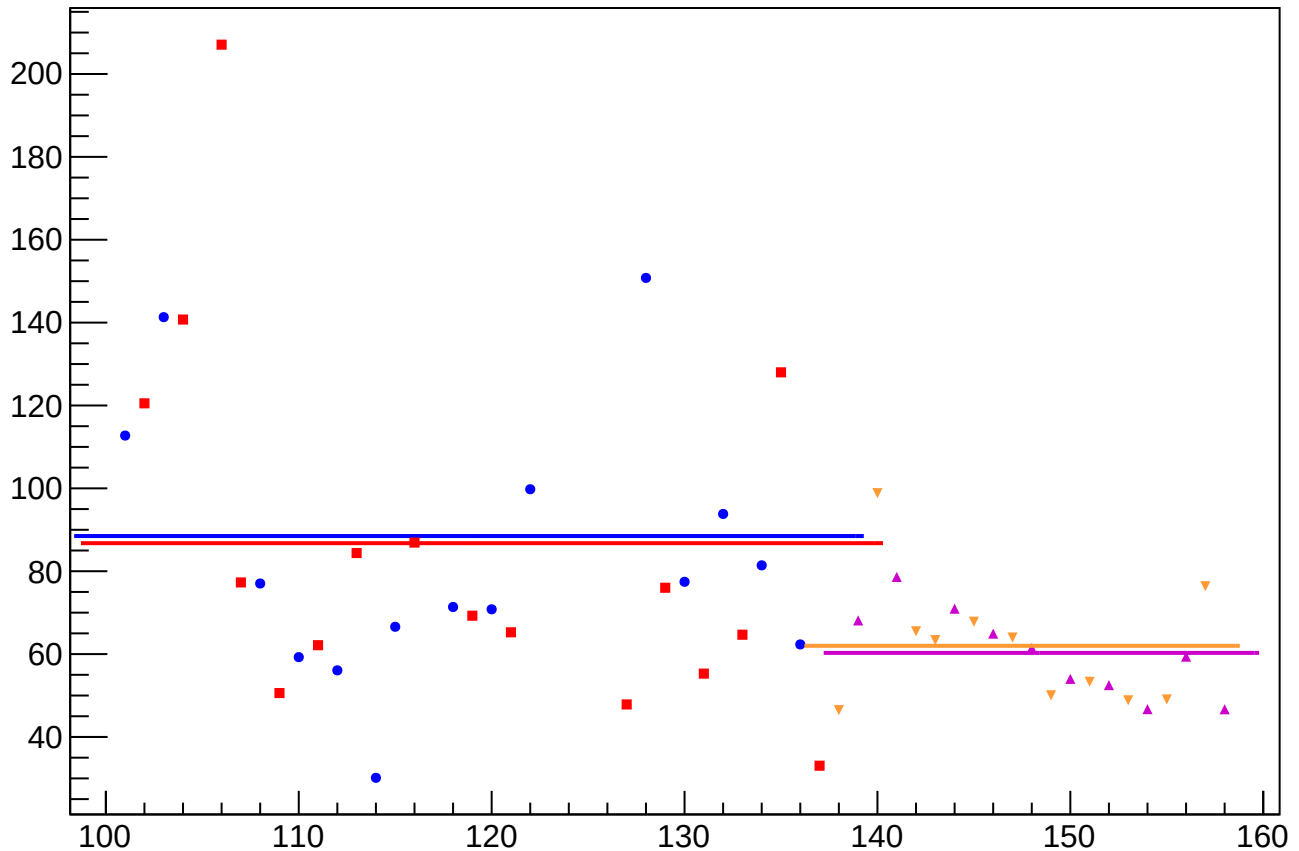
Right In: 515.635 $\pm$ 0.000 χ^2 /NDF: 48465403420573957292673062371162324992.0/14

Left Out: 17.104 $\pm$ 0.000 χ^2 /NDF: 101879121396704500190870681418450599936.0/10

Right Out: 461.497 $\pm$ 0.000 χ^2 /NDF: 40473746660091355928063306884368564224.0/15

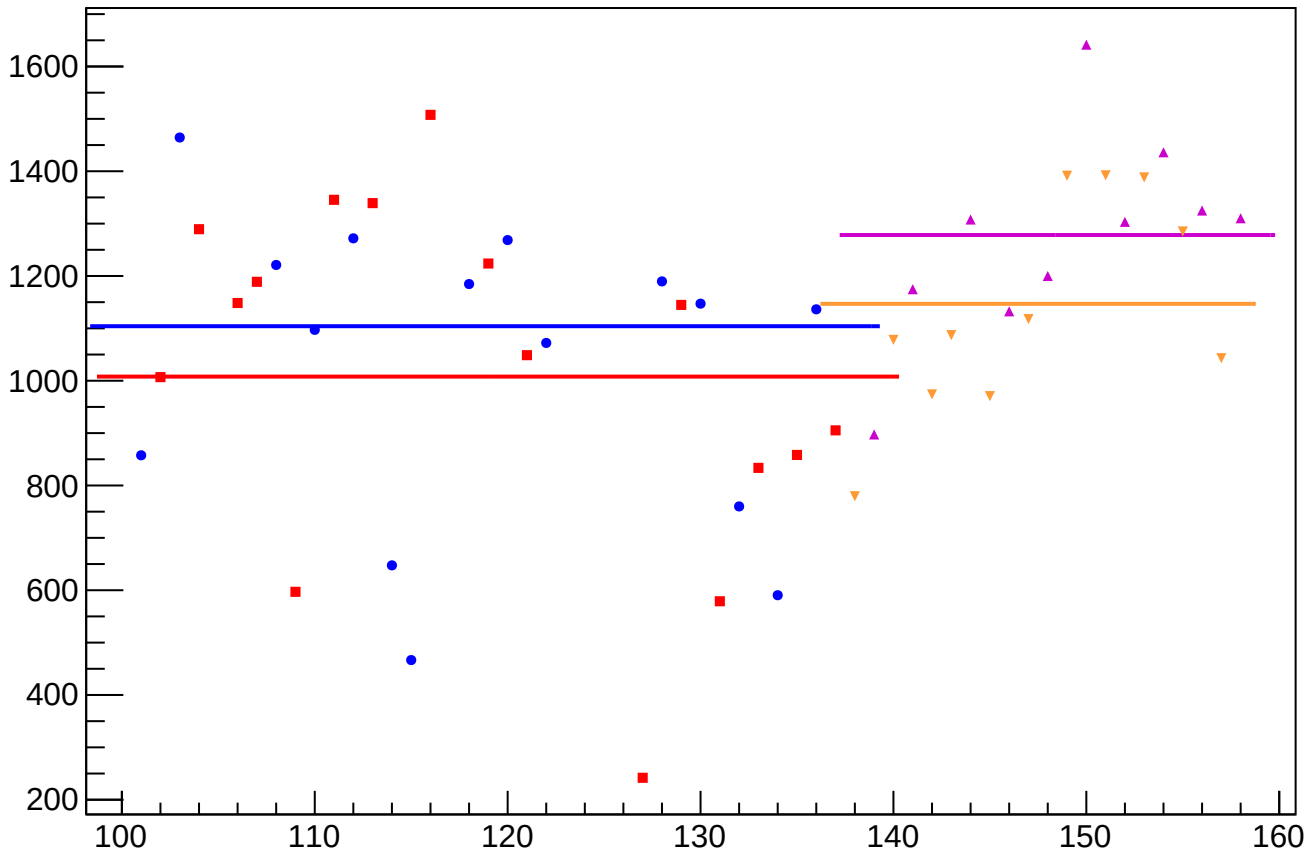
Left In: 56.573 $\pm$ 0.000 χ^2 /NDF: 166521343197009971753658203112271249408.0/9

dit_sam5_coil3_err_mean vs Slug



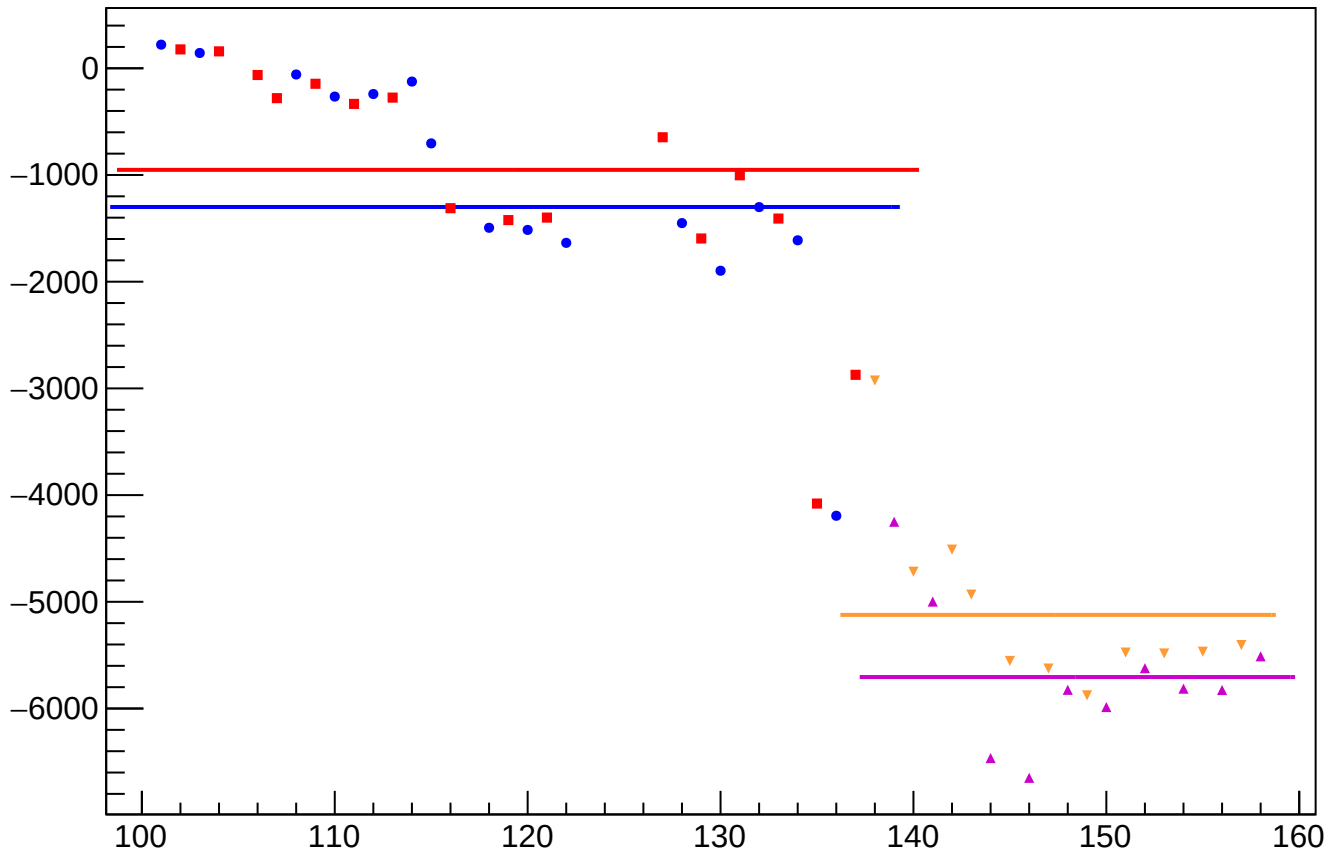
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Left Out: 61.998+/-0.000 χ^2/NDF : 196056654804673555639826198030188544.0/10
 Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15
 Left In: 60.289+/-0.000 χ^2/NDF : 85882790622383022073395510408904704.0/9

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -5122.547+/-0.000

+ sign -3453.034+/-0.000 χ^2/NDF : 7069776863351
 χ^2/NDF : 528435745255170125992499963396454612992.0/10

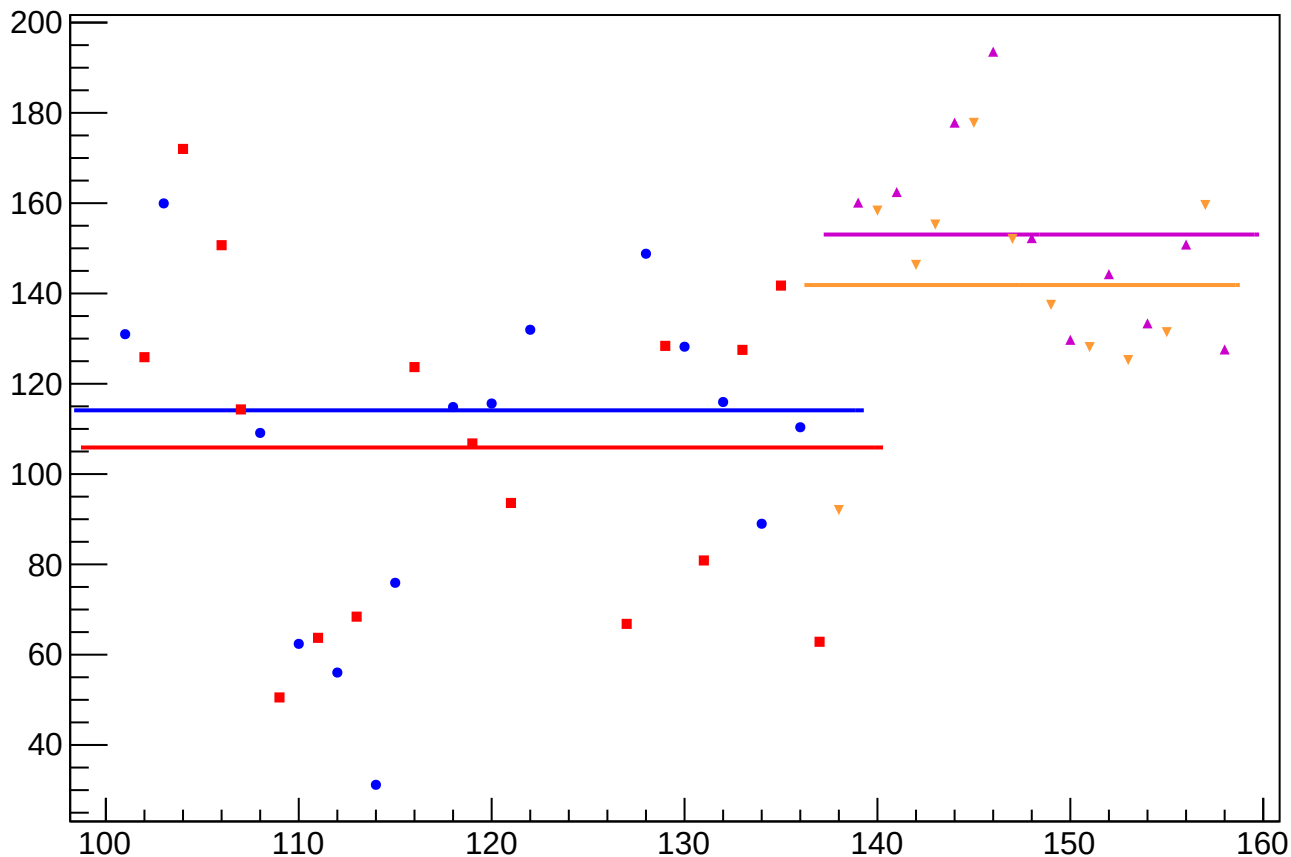
Right Out: -951.903+/-0.000

All: -3534.930+/-0.000 χ^2/NDF : 1672786928
 χ^2/NDF : 841314696863657044174468284217089327104.0/15

Left In: -5705.020+/-0.000

- sign -3615.153+/-0.000 χ^2/NDF : 96383630553772
 χ^2/NDF : 353670609011636479129590136224077578240.0/9

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 141.868+/-0.000 χ^2/NDF : 414675210798909694938476999260241920.0/10

Right Out: 105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

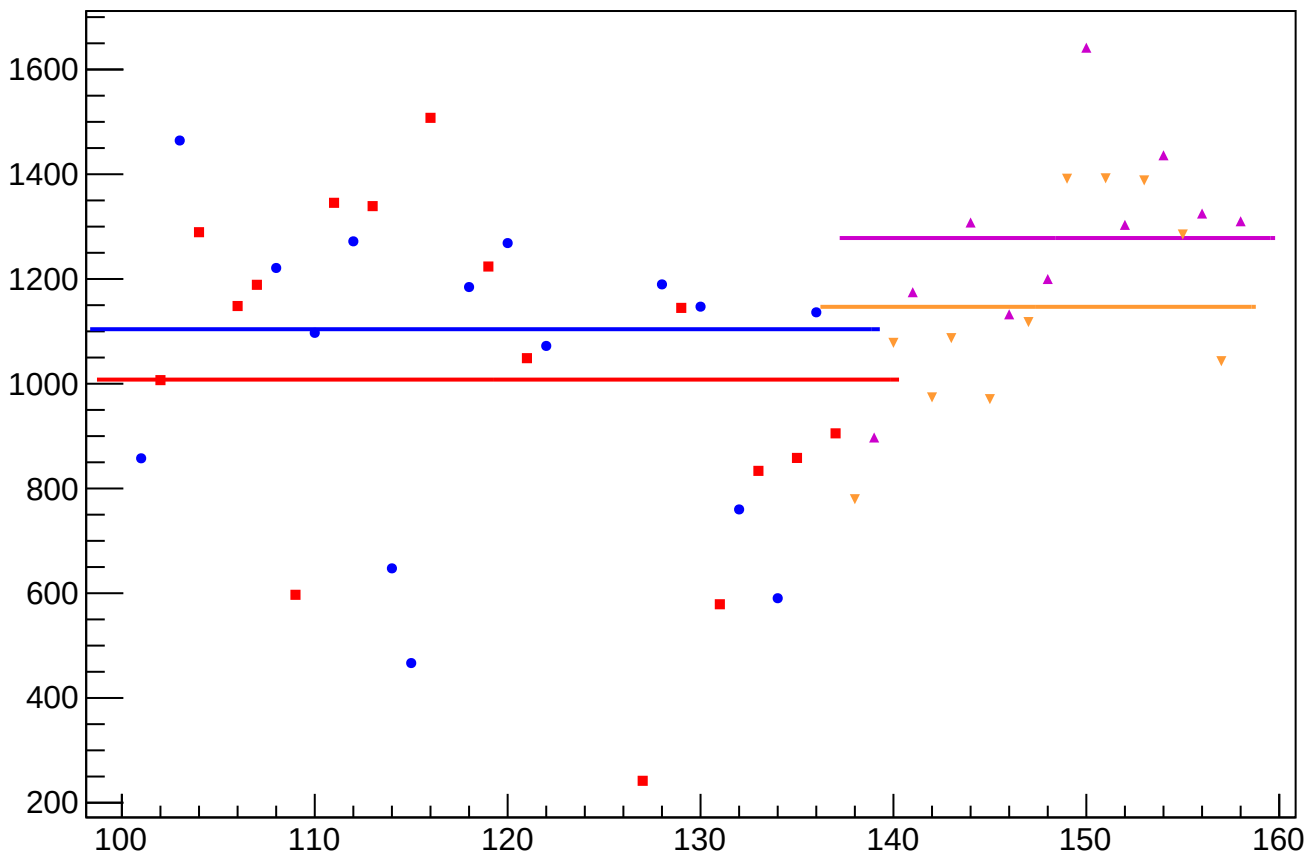
Left In: 153.053+/-0.000 χ^2/NDF : 345914758641656854097187462944129024.0/9

+ sign 129.748+/-0.000 χ^2/NDF : 130340552735276

All: 131.045+/-0.000 χ^2/NDF : 333744333298

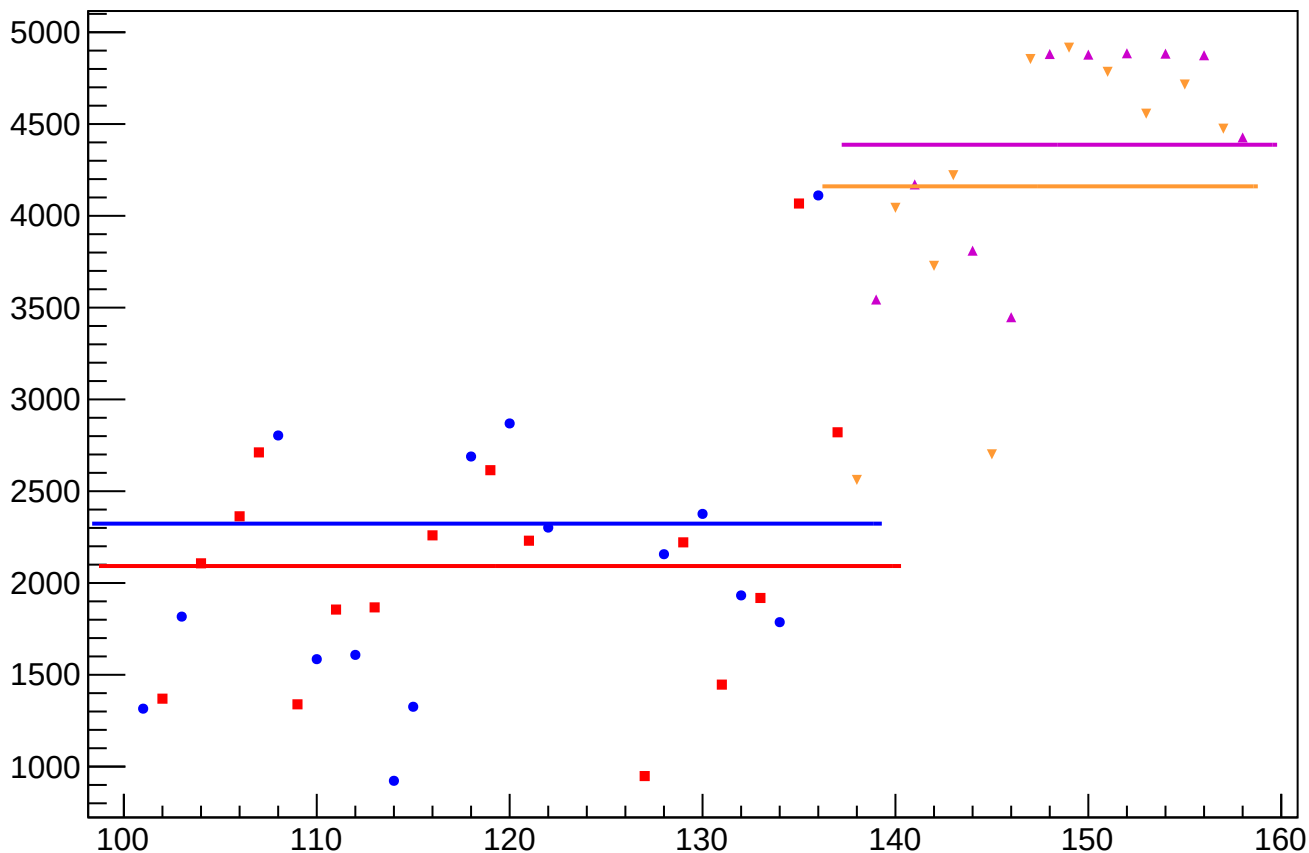
- sign 132.316+/-0.000 χ^2/NDF : 202908953659986

dit_sam6_coil3_Ndata_mean vs Slug



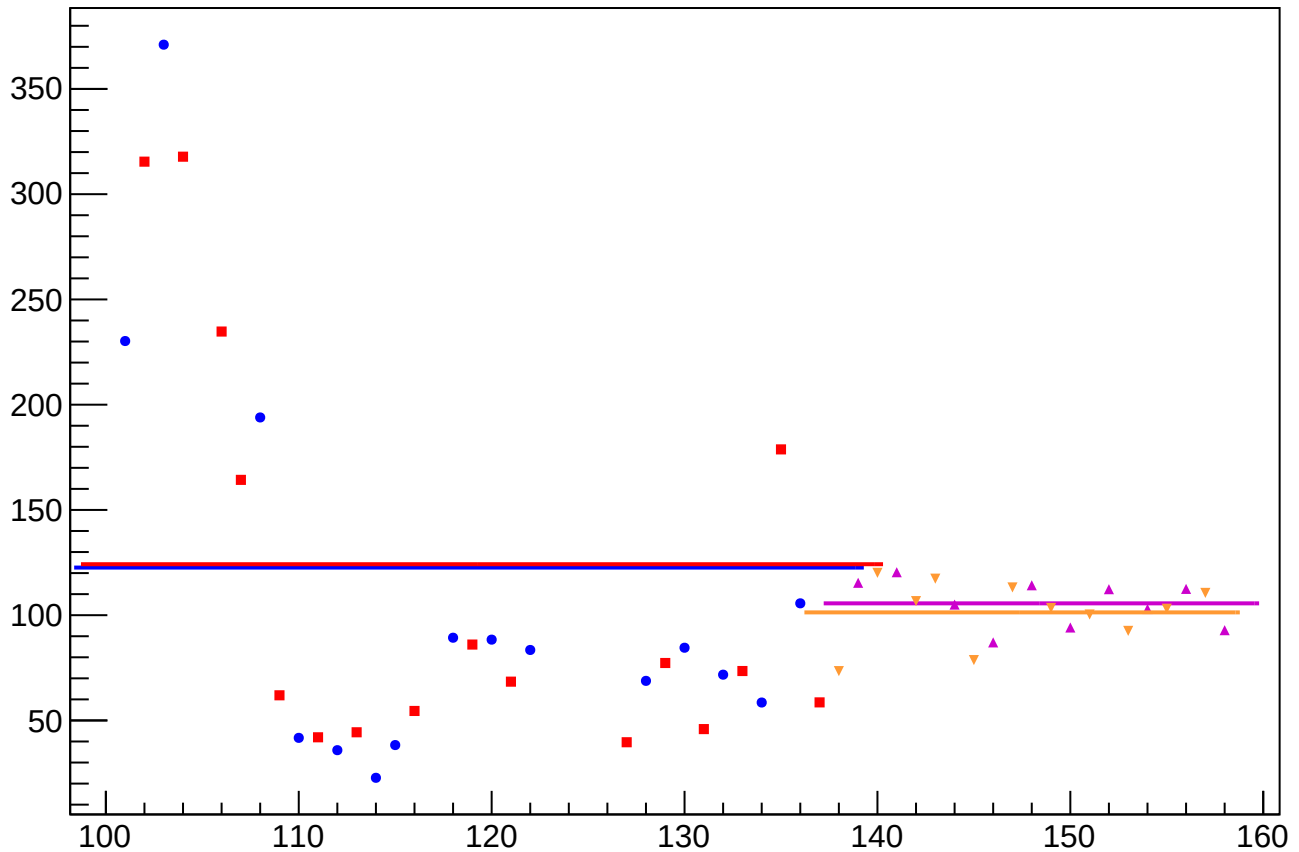
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14
 Left Out: 4160.590+/-0.000 χ^2/NDF : 543186225339920666295895504378637844480.0/10
 Right Out: 2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15
 Left In: 4387.225+/-0.000 χ^2/NDF : 269496277259890960670221813712137748480.0/9

dit_sam7_coil3_err_mean vs Slug



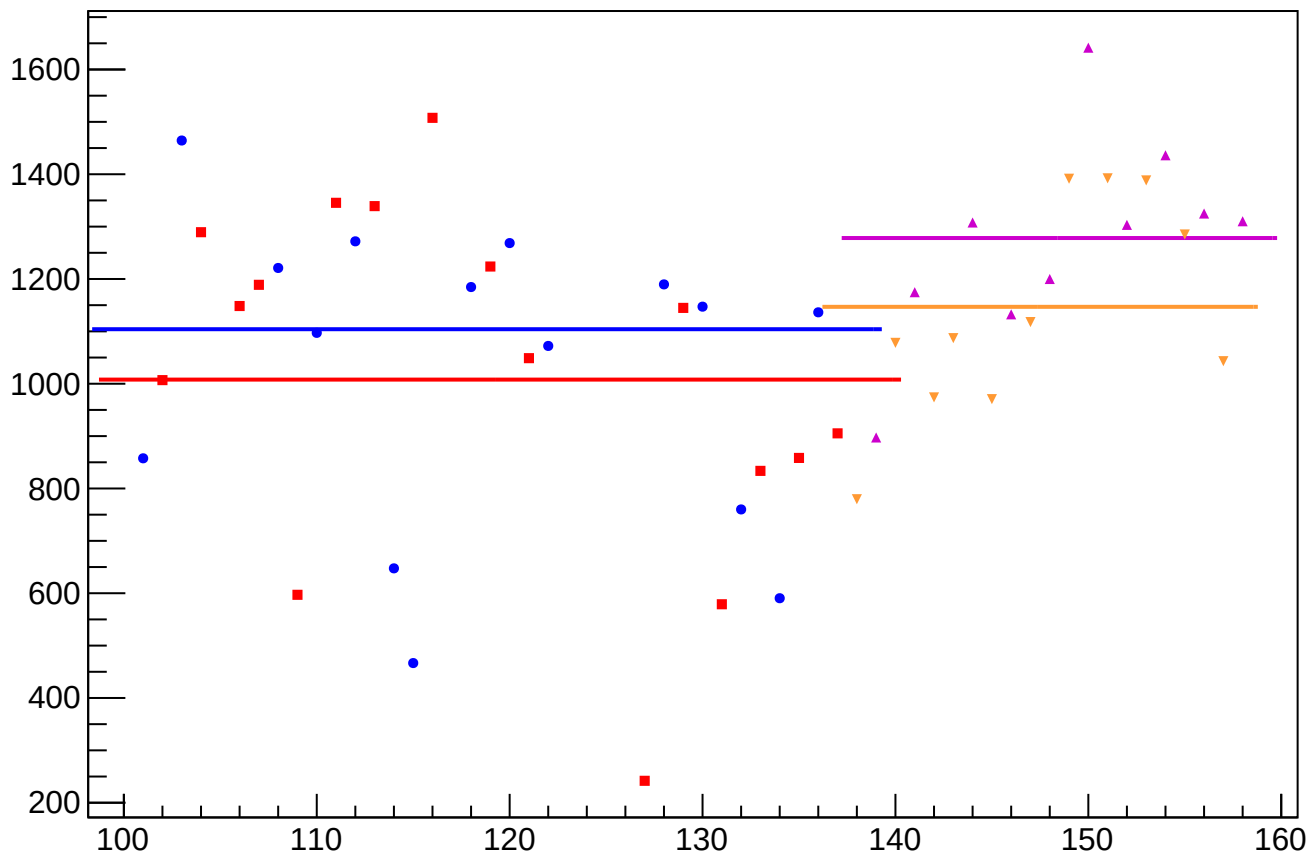
Right In: 122.622 $\pm$ 0.000	χ^2 /NDF: 5937504661187691145903235842749497344.0/14
Left Out: 101.330 $\pm$ 0.000	χ^2 /NDF: 174757300610955680393349808590422016.0/10
Right Out: 124.216 $\pm$ 0.000	χ^2 /NDF: 6549627589629012958791202941129719808.0/15
Left In: 105.623 $\pm$ 0.000	χ^2 /NDF: 94579531371313023114733756927180800.0/9

+ sign 110.629 $\pm$ 0.000 χ^2 /NDF: 627798250664381

- sign 113.798 $\pm$ 0.000 χ^2 /NDF: 677340643935622

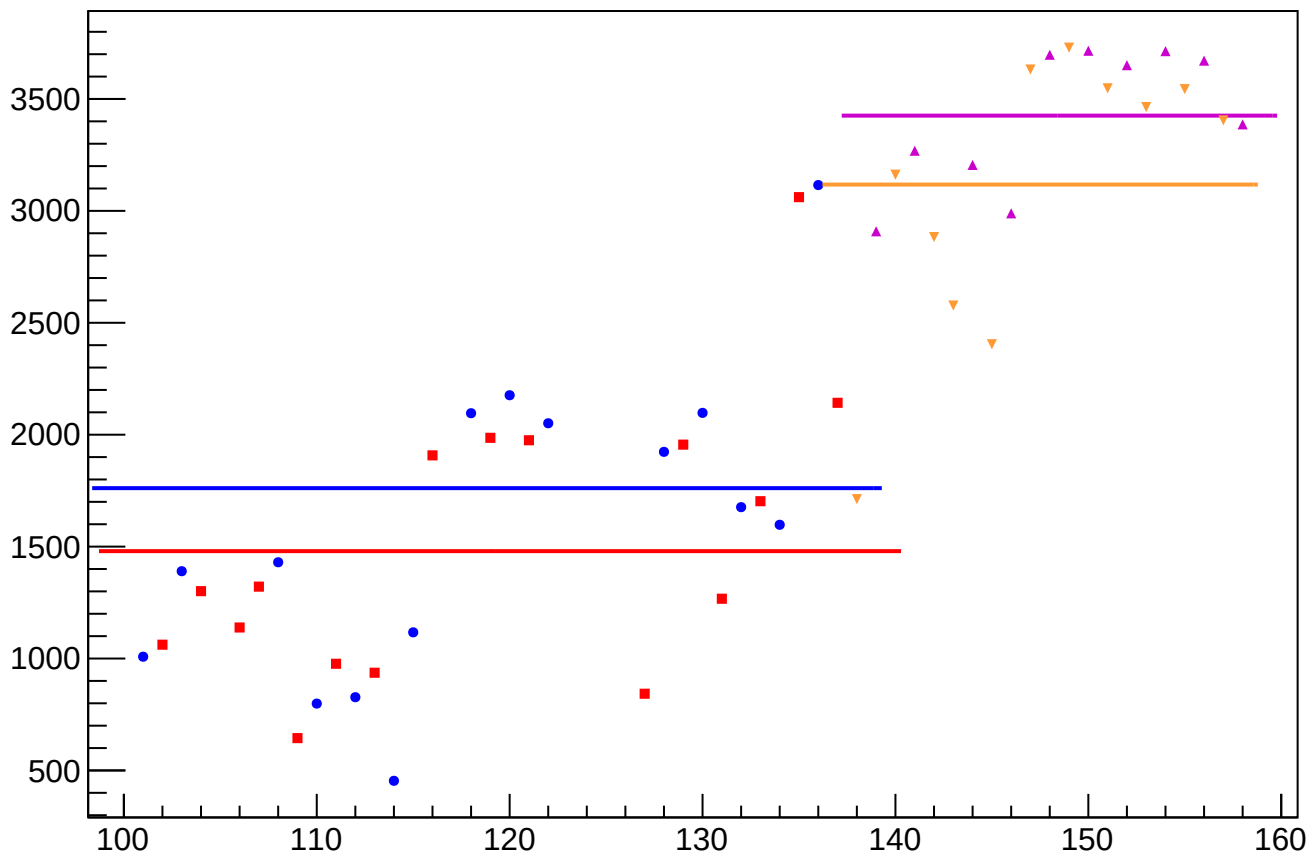
All: 112.230 $\pm$ 0.000 χ^2 /NDF: 130589282597

dit_sam7_coil3_Ndata_mean vs Slug



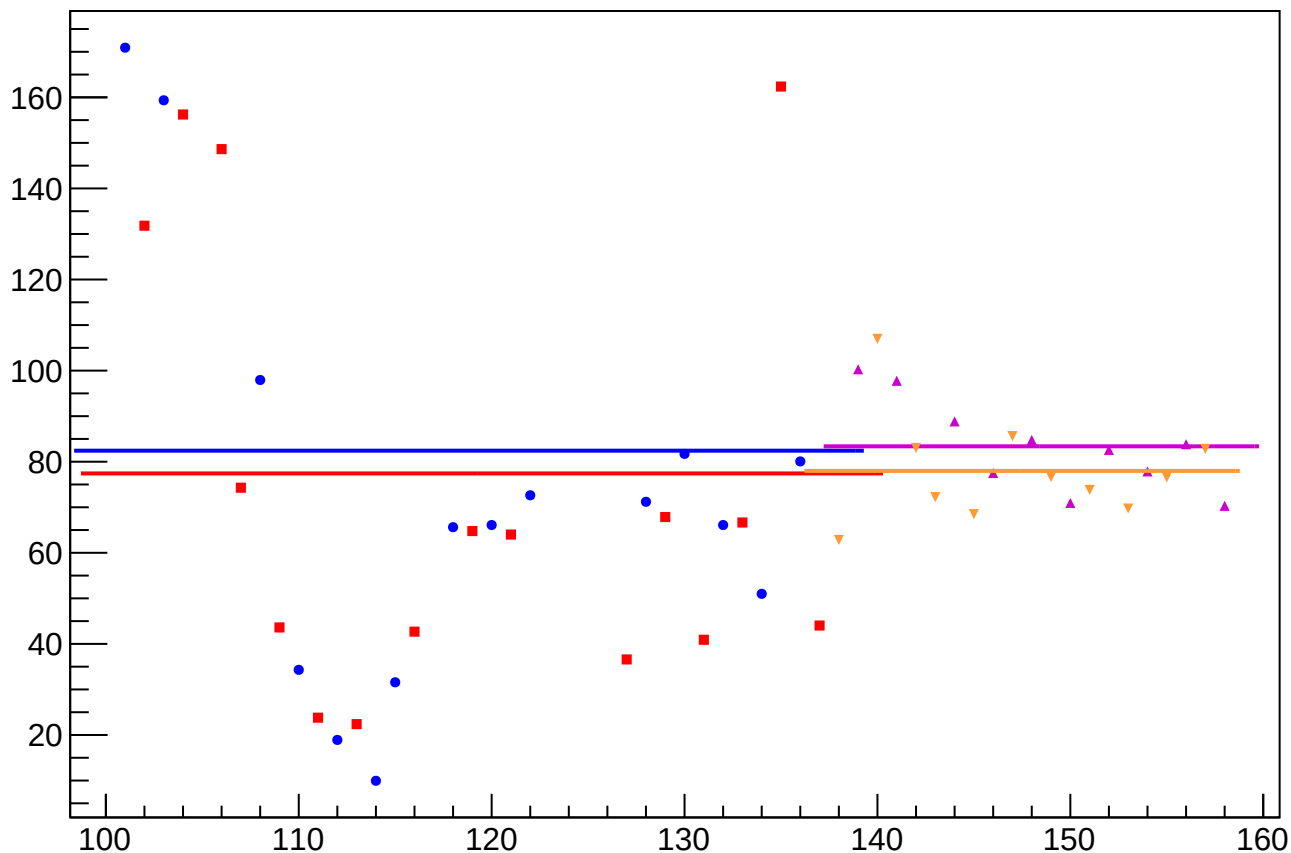
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14
 Left Out: 3117.578+/-0.000 χ^2/NDF : 315100563247030224345760678845266001920.0/10
 Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15
 Left In: 3425.539+/-0.000 χ^2/NDF : 74469588059160346340432520849139957760.0/9

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 77.983+/-0.000 χ^2/NDF : 111434000219744052305889304976031744.0/10

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

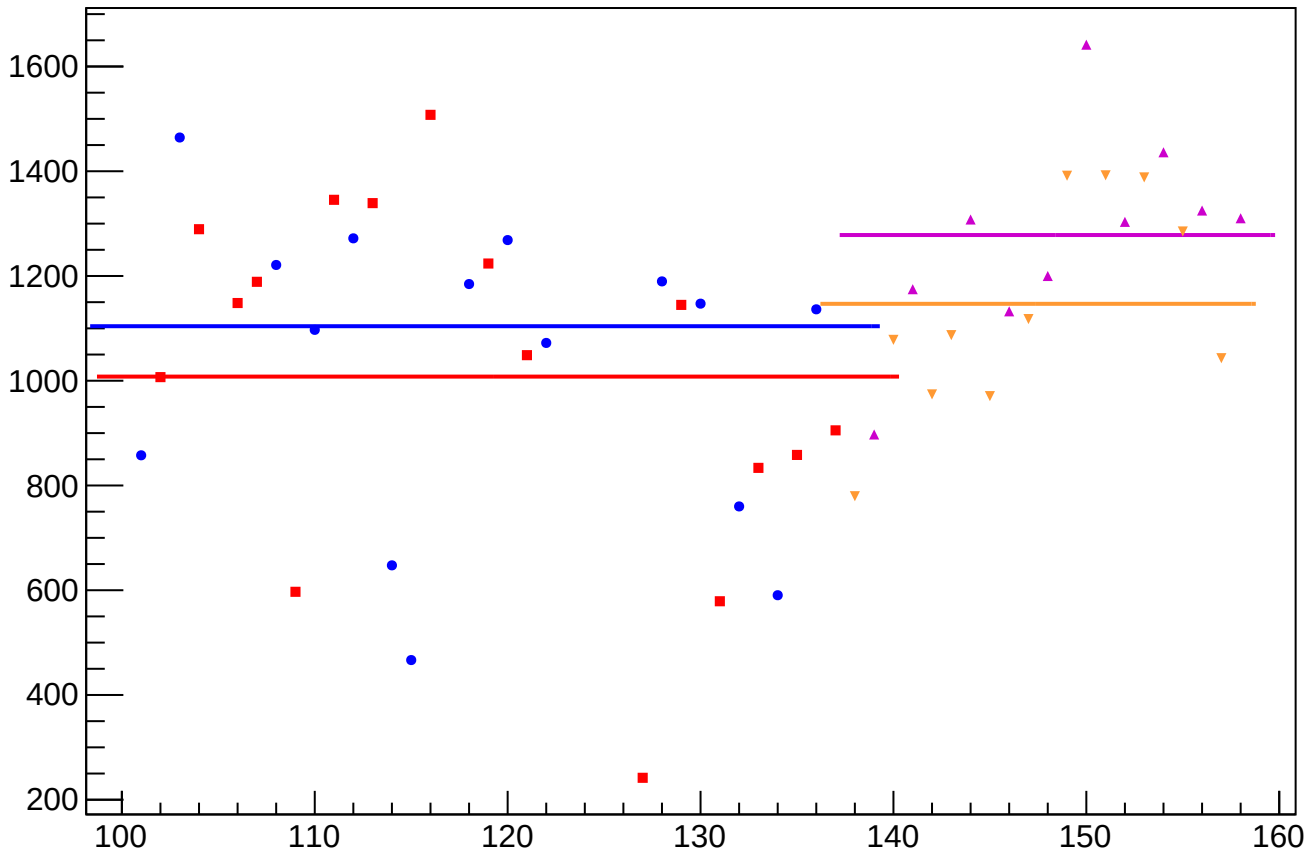
Left In: 83.380+/-0.000 χ^2/NDF : 77146766380936896751317377055981568.0/9

+ sign 79.922+/-0.000 χ^2/NDF : 1382271644698936

All: 80.347+/-0.000 χ^2/NDF : 2988637725865

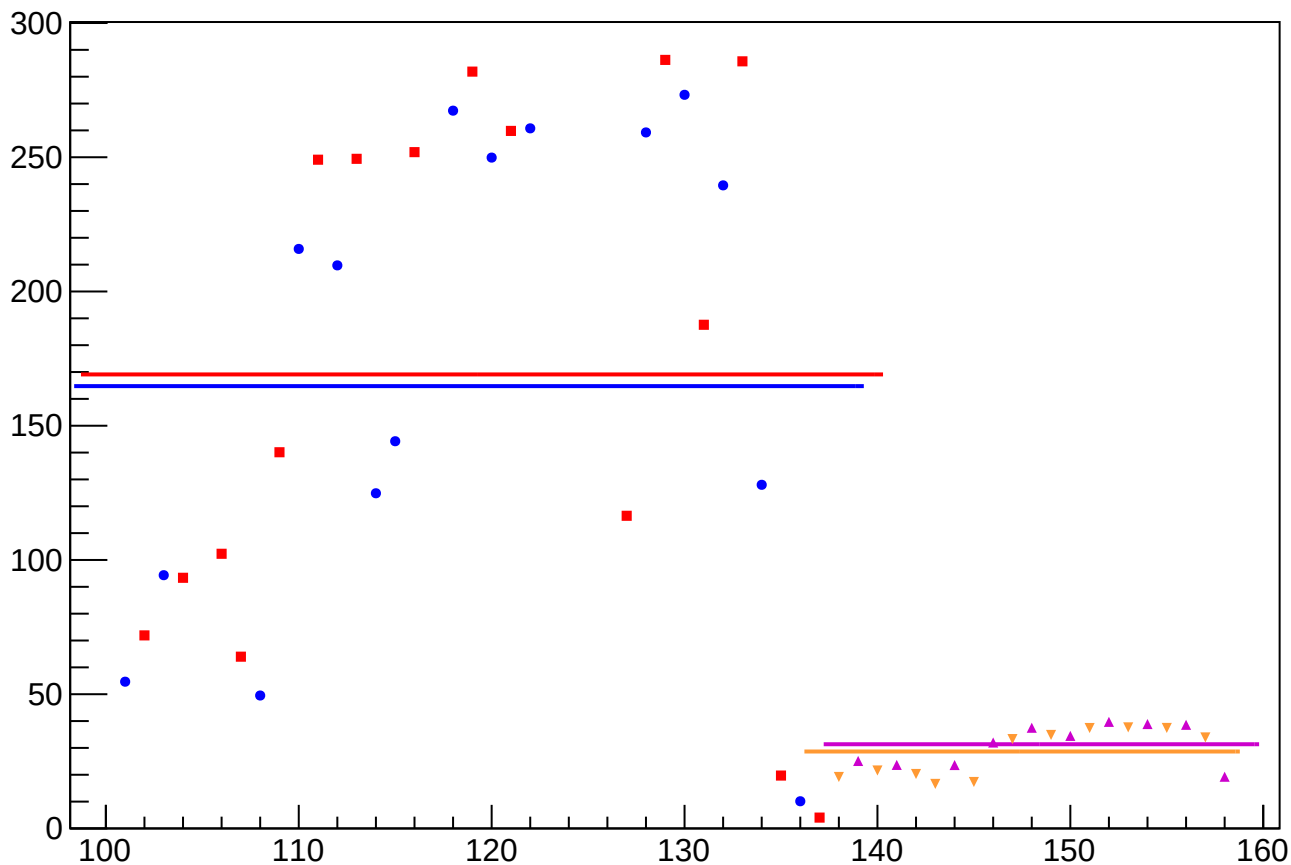
- sign 80.764+/-0.000 χ^2/NDF : 1605833589625570

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_4aX_coil7_mean vs Slug



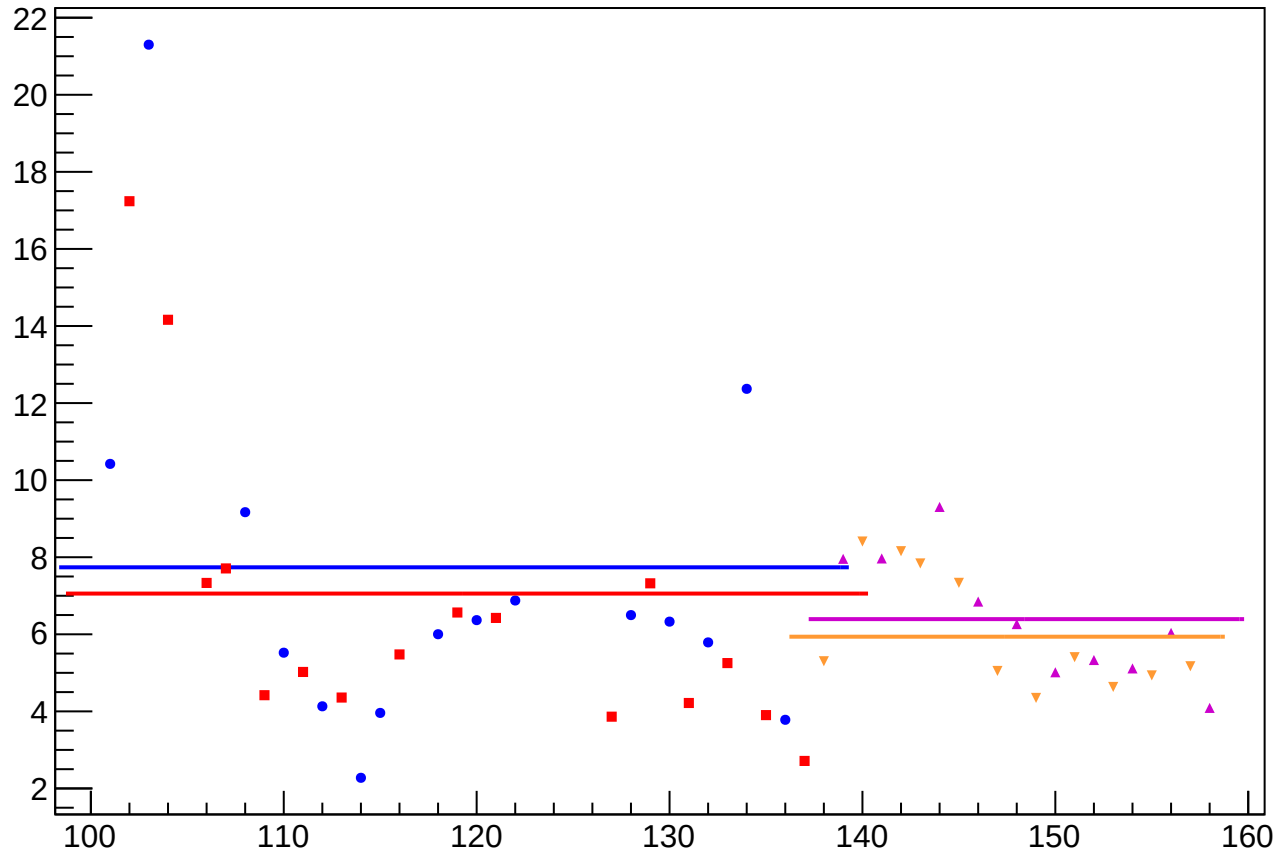
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.661+/-0.000 χ^2/NDF : 60497198248781742899135748228775936.0/10

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 31.367+/-0.000 χ^2/NDF : 44745032442414742136672566275735552.0/9

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.938+/-0.000 χ^2/NDF : 1725735784578155052950747397226496.0/10

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

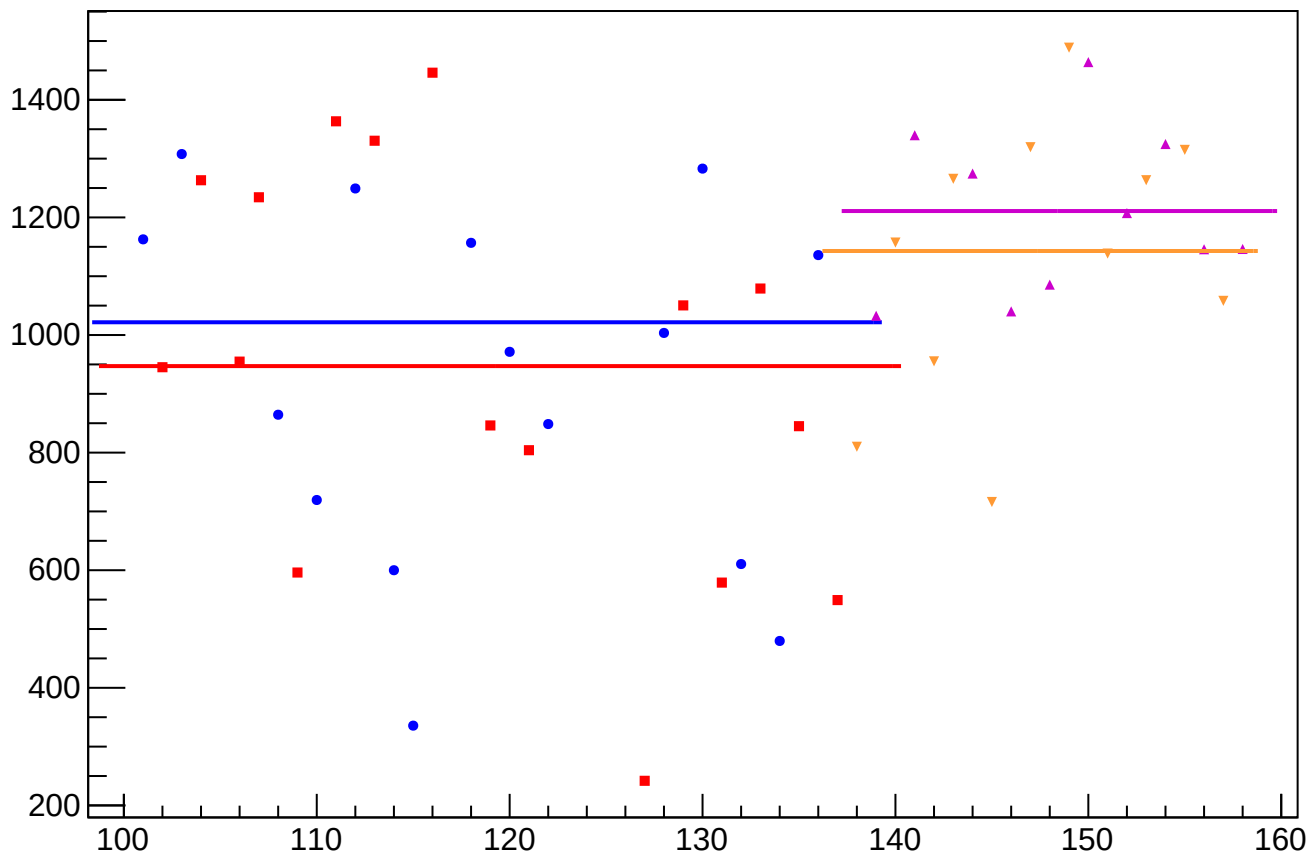
Left In: 6.394+/-0.000 χ^2/NDF : 2038514848904406642405137966956544.0/9

+ sign 6.724+/-0.000 χ^2/NDF : 18038088948663220

All: 6.705+/-0.000 χ^2/NDF : 31534486010769

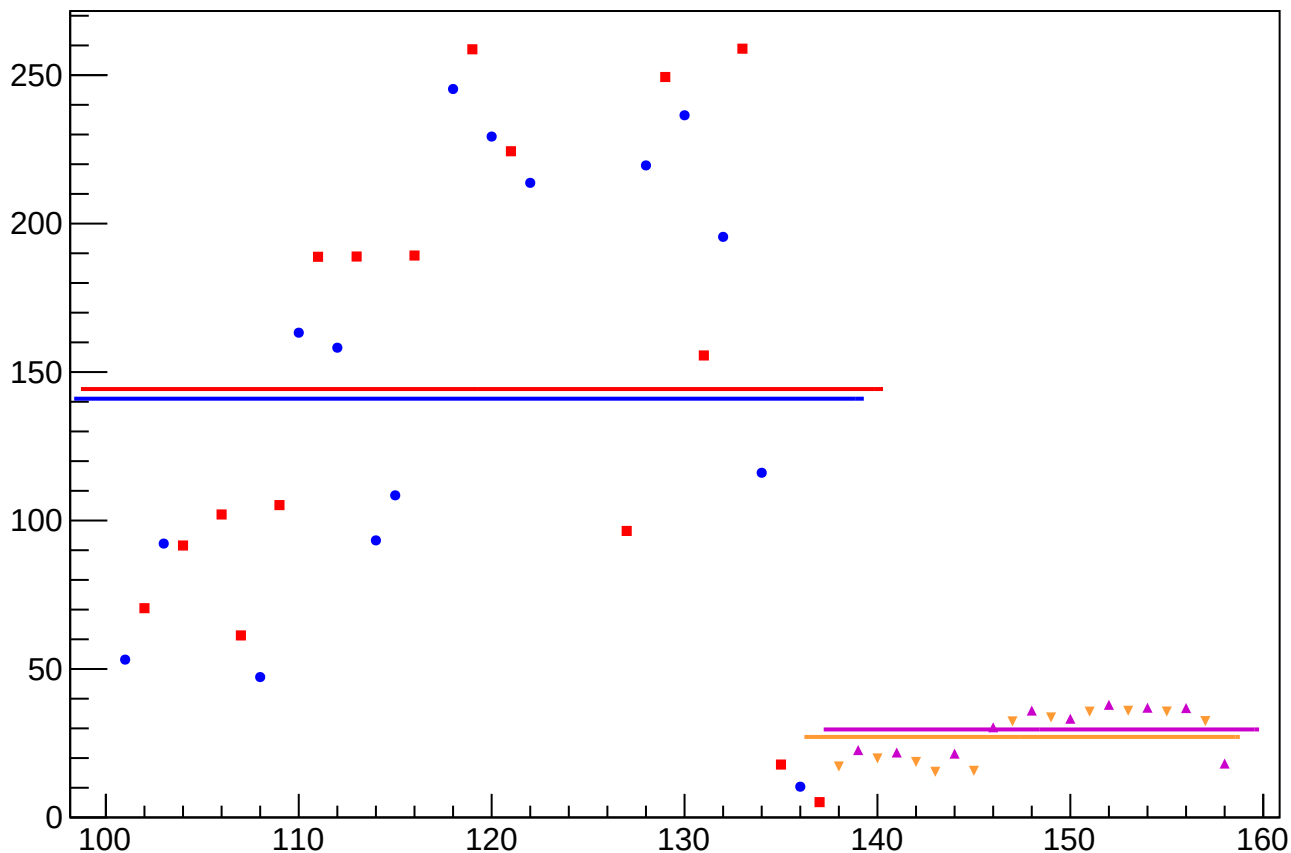
- sign 6.685+/-0.000 χ^2/NDF : 13495268365048110

dit_4aX_coil7_Ndata_mean vs Slug



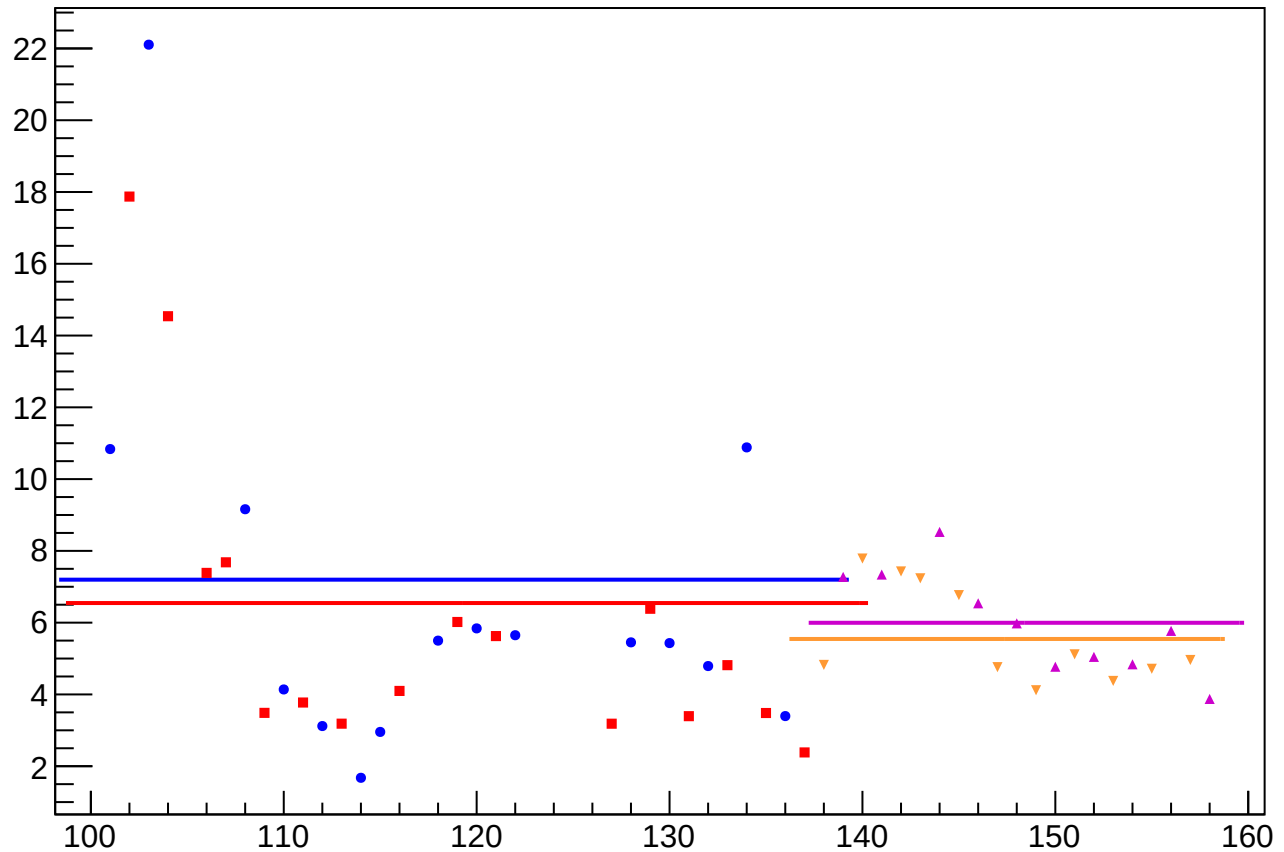
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1142.908 $\pm$ 0.000 χ^2 /NDF: 42694917457780139943000905132443435008.0/10
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

dit_4eX_coil7_mean vs Slug



Right In: 141.032 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14
 Left Out: 27.118 $\pm$ 0.000 χ^2 /NDF: 61124904956116614028994268352217088.0/10
 Right Out: 144.283 $\pm$ 0.000 χ^2 /NDF: 4268333571517740886065361663928827904.0/15
 Left In: 29.639 $\pm$ 0.000 χ^2 /NDF: 45136682300238871507119904496025600.0/9

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.545+/-0.000 χ^2/NDF : 1360124287094162916706053410258944.0/10

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

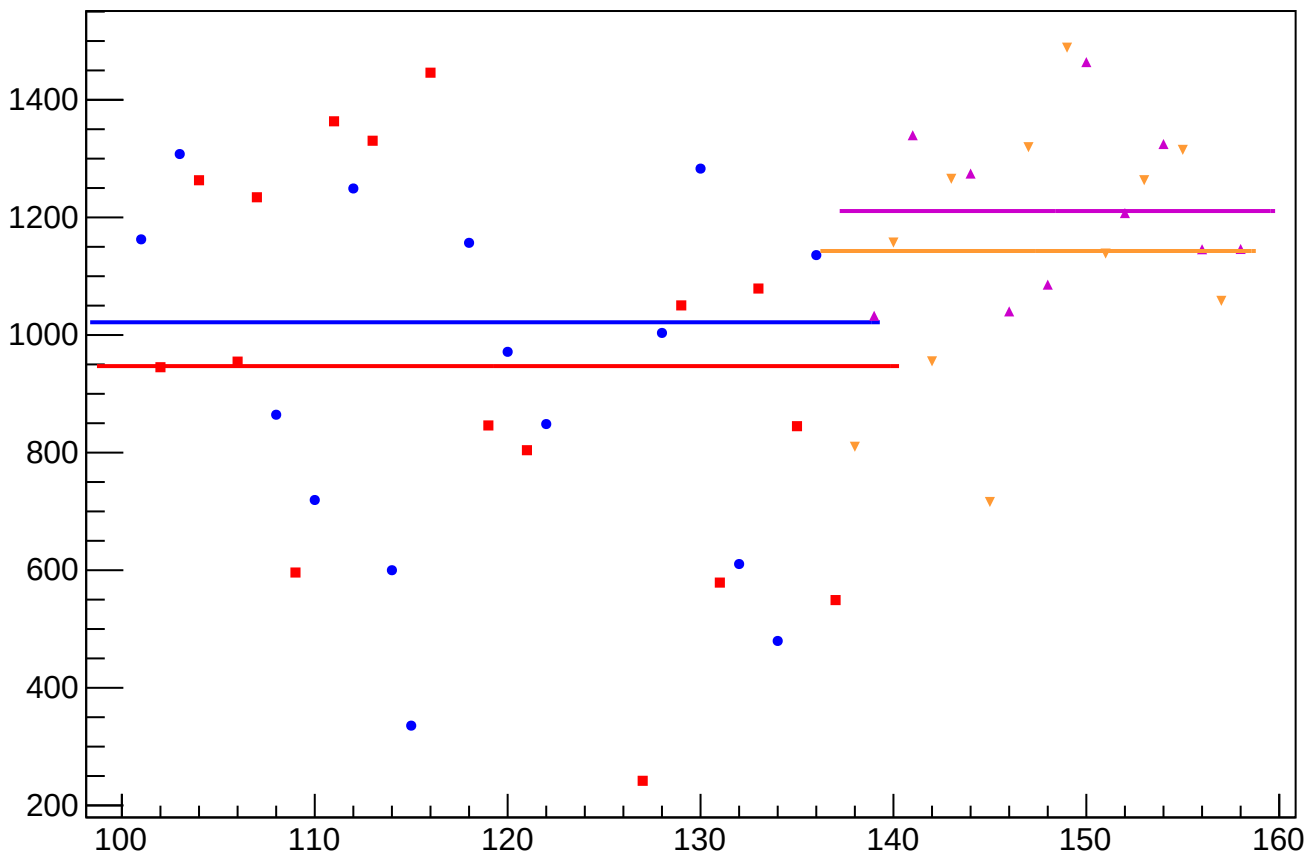
Left In: 5.996+/-0.000 χ^2/NDF : 1583933316299406278319565145374720.0/9

+ sign 6.267+/-0.000 χ^2/NDF : 20570977397436074

All: 6.253+/-0.000 χ^2/NDF : 36347561684462

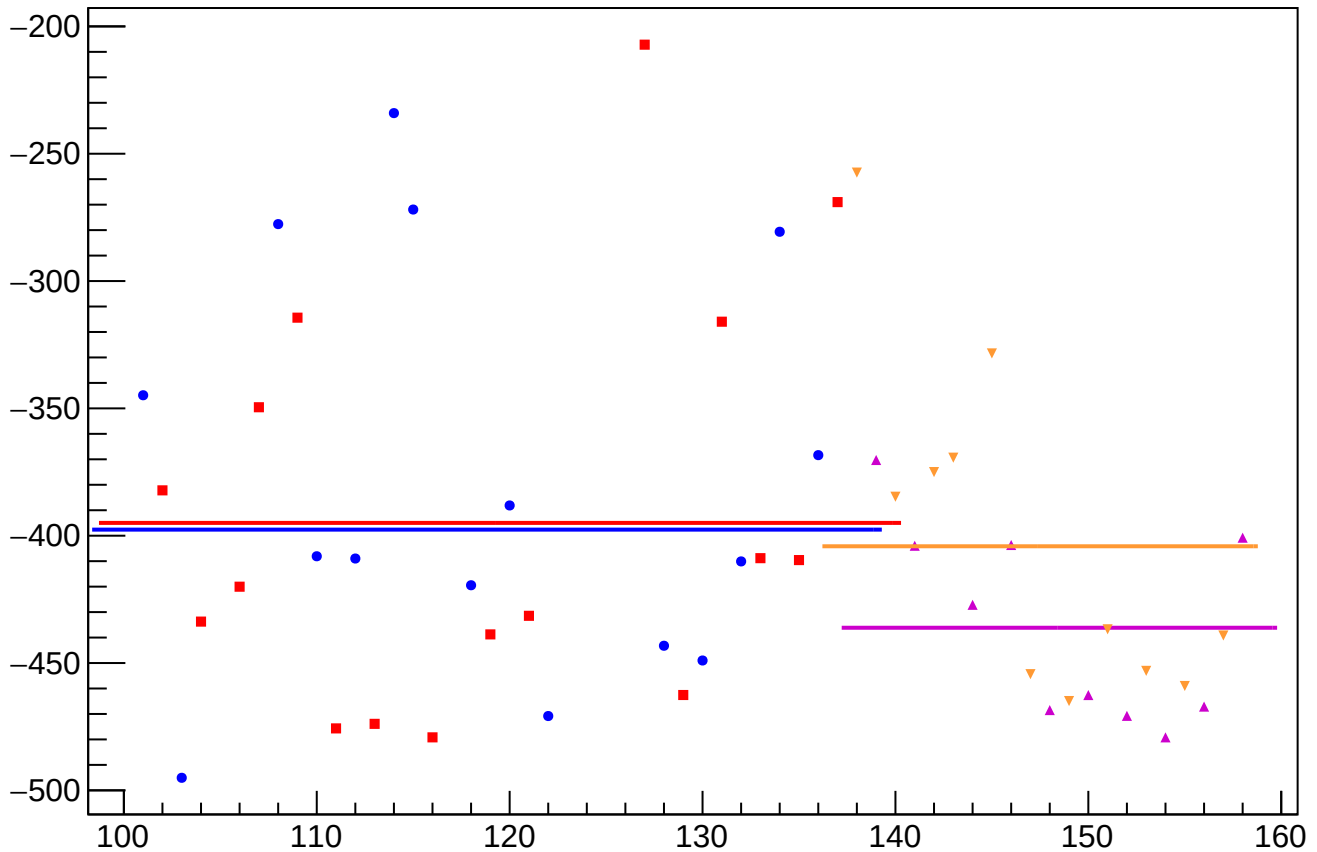
- sign 6.238+/-0.000 χ^2/NDF : 15775965892360093

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

dit_11X12X_coil7_mean vs Slug



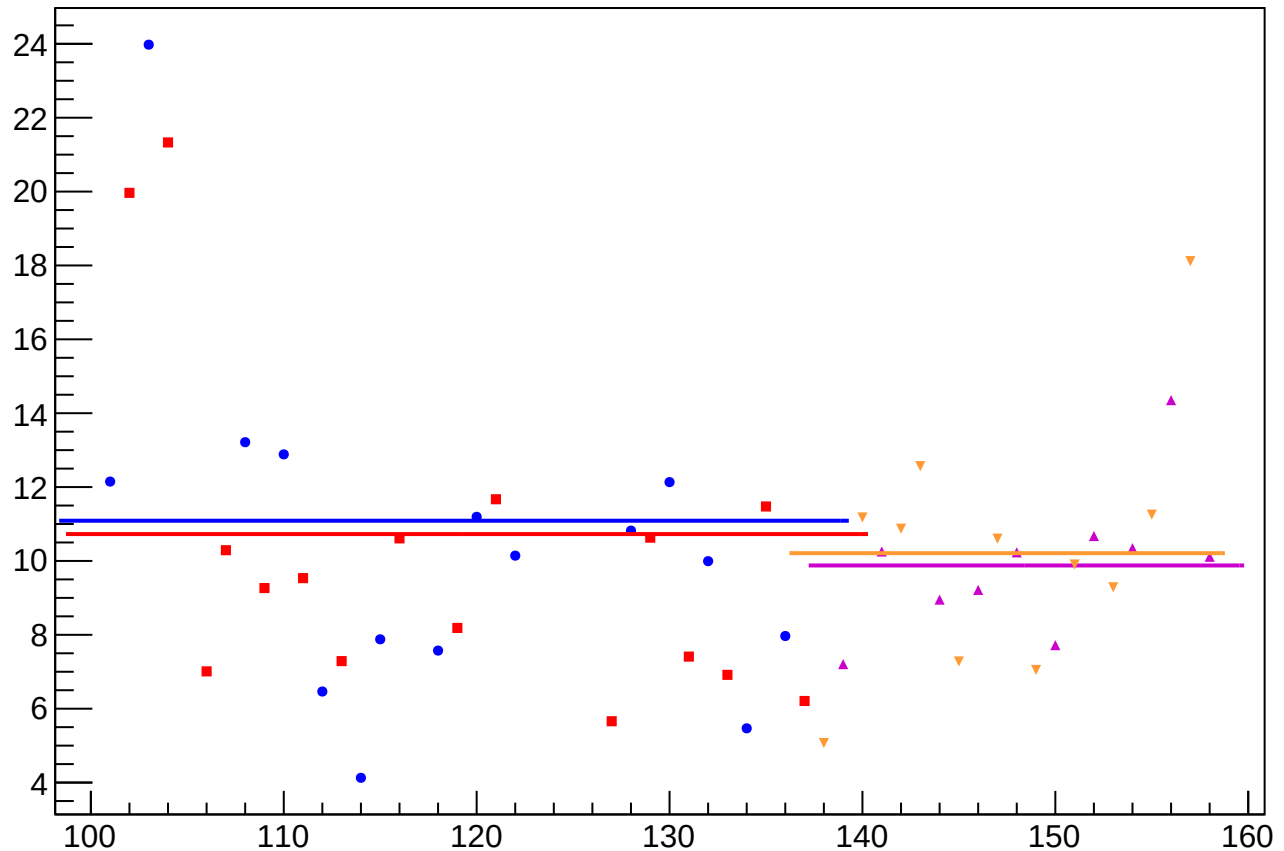
Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -404.152+/-0.000 χ^2/NDF : 3425484244508745413828902104294490112.0/10

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

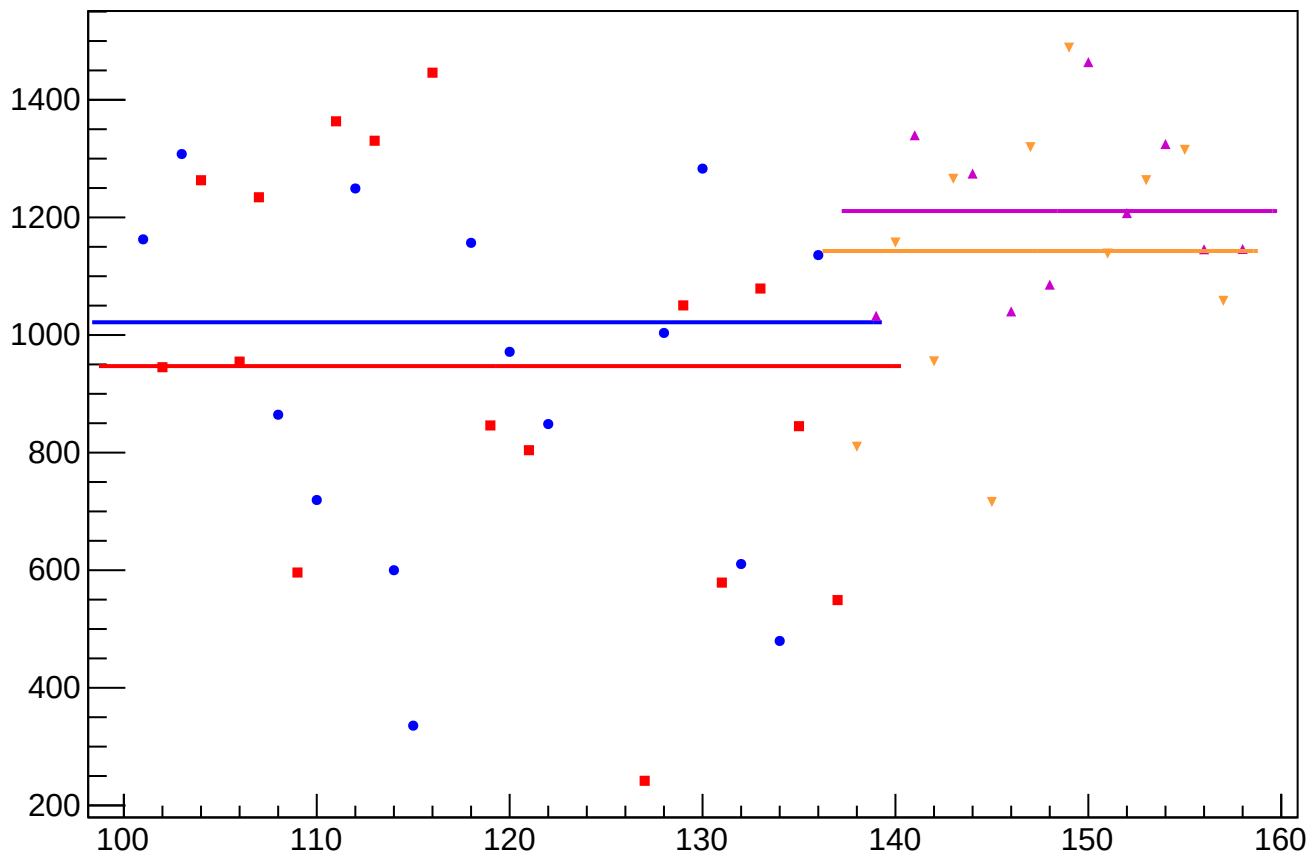
Left In: -436.145+/-0.000 χ^2/NDF : 1132905396241584181970943908186685440.0/9

dit_11X12X_coil7_err_mean vs Slug



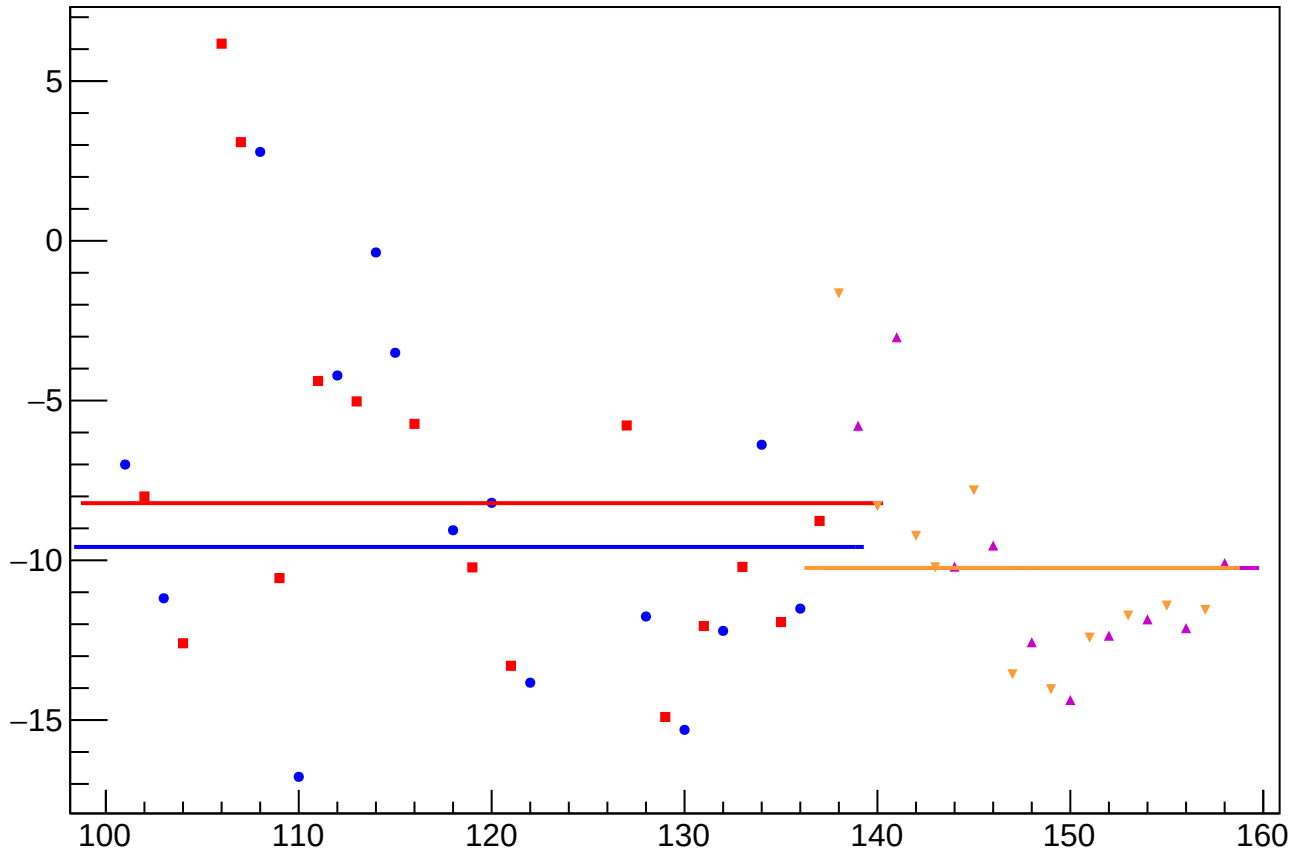
Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14
 Left Out: 10.211 $\pm$ 0.000 χ^2 /NDF: 9182284501472159622474315830657024.0/10
 Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15
 Left In: 9.878 $\pm$ 0.000 χ^2 /NDF: 2818338704298161849216829503832064.0/9

dit_11X12X_coil7_Ndata_mean vs Slug



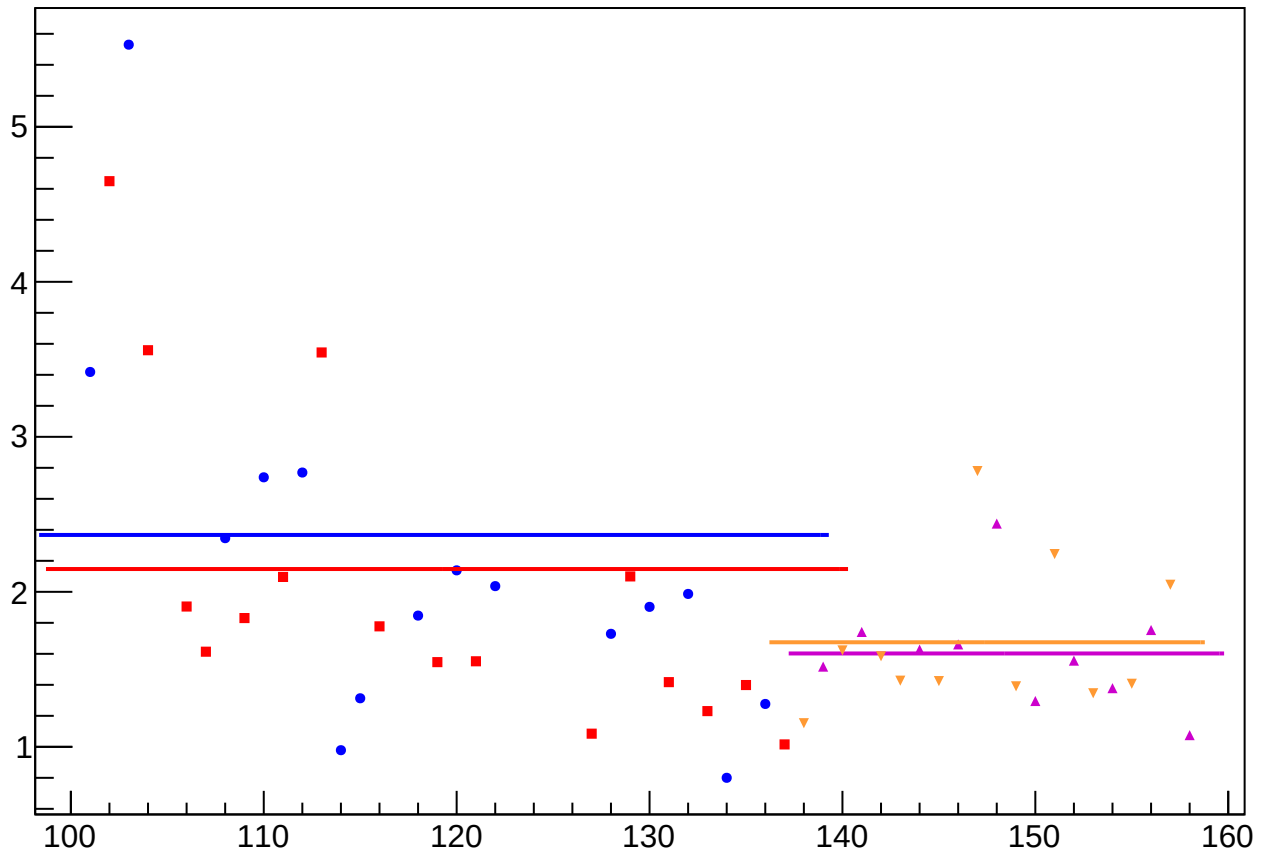
Right In: 1021.684 $\pm$ 0.000	χ^2 /NDF: 40493101470870278397836276403592495104.0/14	+ sign 1089.964 $\pm$ 0.000	χ^2 /NDF: 88559915875439
Left Out: 1142.908 $\pm$ 0.000	χ^2 /NDF: 42694917457780139943000905132443435008.0/10	All: 1092.463 $\pm$ 0.000	χ^2 /NDF: 19810393678
Right Out: 947.145 $\pm$ 0.000	χ^2 /NDF: 67784656011936521511169668028018196480.0/15	- sign 1094.910 $\pm$ 0.000	χ^2 /NDF: 10952565721383
Left In: 1210.862 $\pm$ 0.000	χ^2 /NDF: 15749271183228525581810721748649246720.0/9		

dit_4aY_coil7_mean vs Slug



Right In: -9.582 ± 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left Out: -10.238 ± 0.000 χ^2/NDF : 9470185567085375121630605361545216.0/10
 Right Out: -8.211 ± 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15
 Left In: -10.241 ± 0.000 χ^2/NDF : 8992821353755545564904825120882688.0/9

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 183747962794535198965102878392320.0/10

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

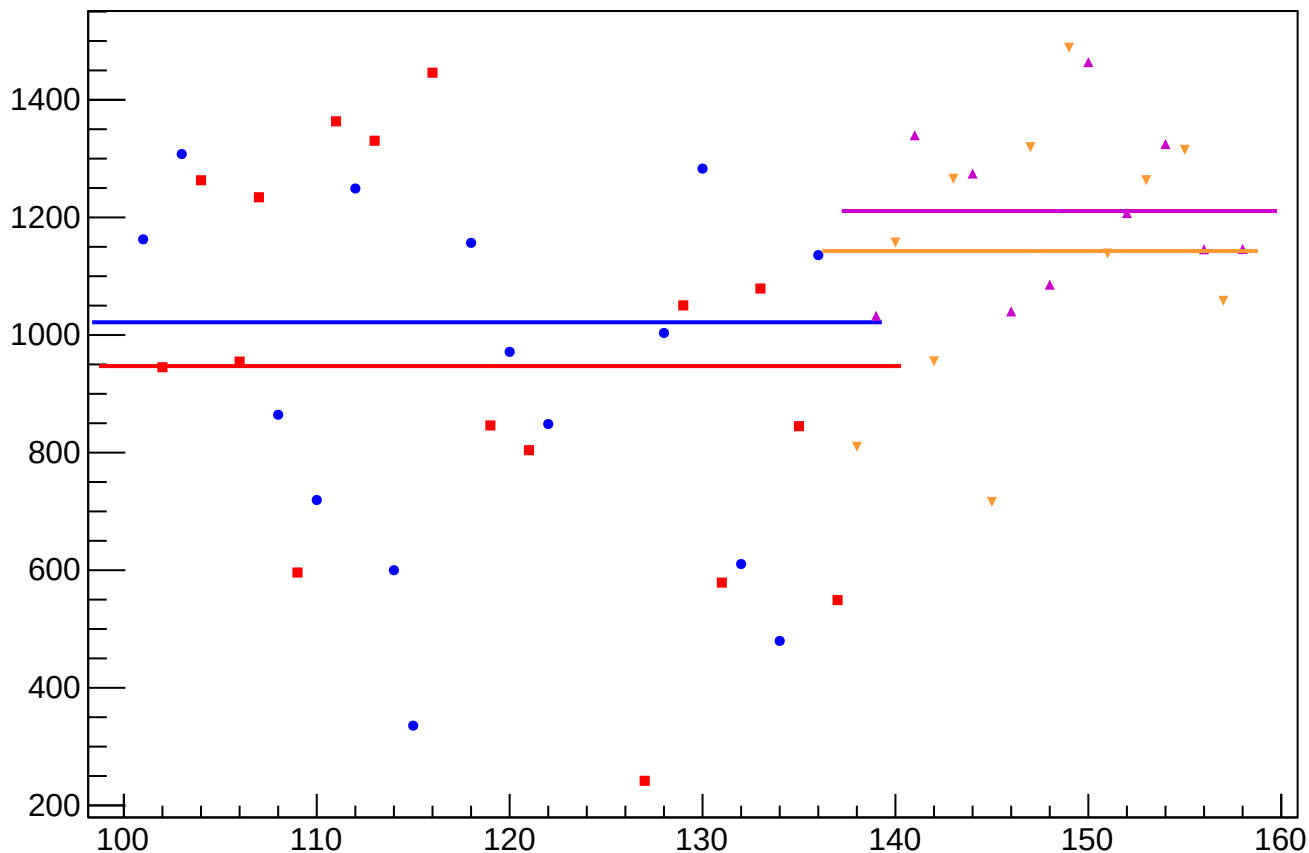
Left In: 1.602 $\pm$ 0.000 χ^2 /NDF: 99065871829563554694375657177088.0/9

+ sign 1.977 $\pm$ 0.000 χ^2 /NDF: 12796539037603448

All: 1.909 $\pm$ 0.000 χ^2 /NDF: 22675075558625

- sign 1.842 $\pm$ 0.000 χ^2 /NDF: 97415336724143848

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1142.908 $\pm$ 0.000 χ^2 /NDF: 42694917457780139943000905132443435008.0/10

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

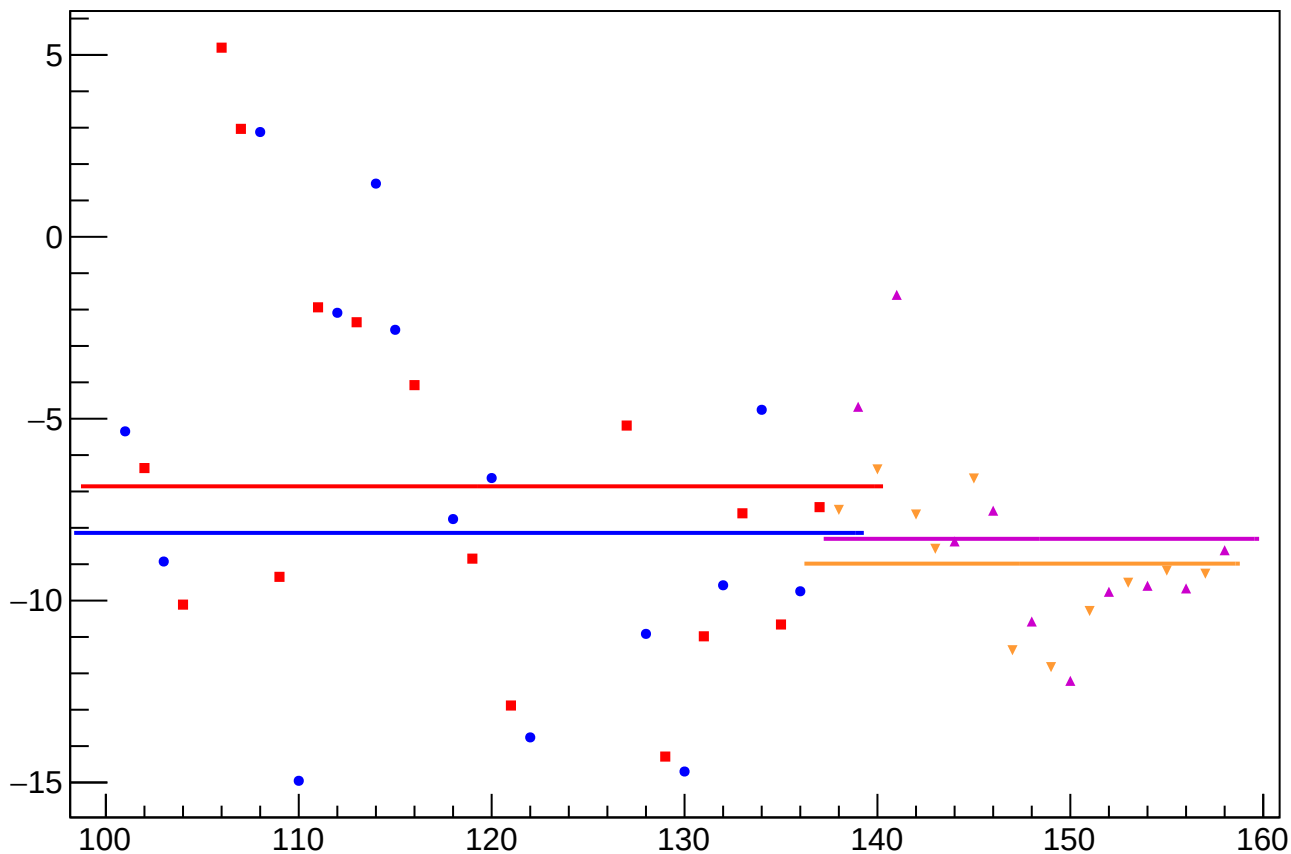
Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

+ sign 1089.964 $\pm$ 0.000 χ^2 /NDF: 88559915875439

All: 1092.463 $\pm$ 0.000 χ^2 /NDF: 19810393678

- sign 1094.910 $\pm$ 0.000 χ^2 /NDF: 10952565721383

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -8.984 ± 0.000 χ^2/NDF : 2544629823010847326102417892704256.0/10

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

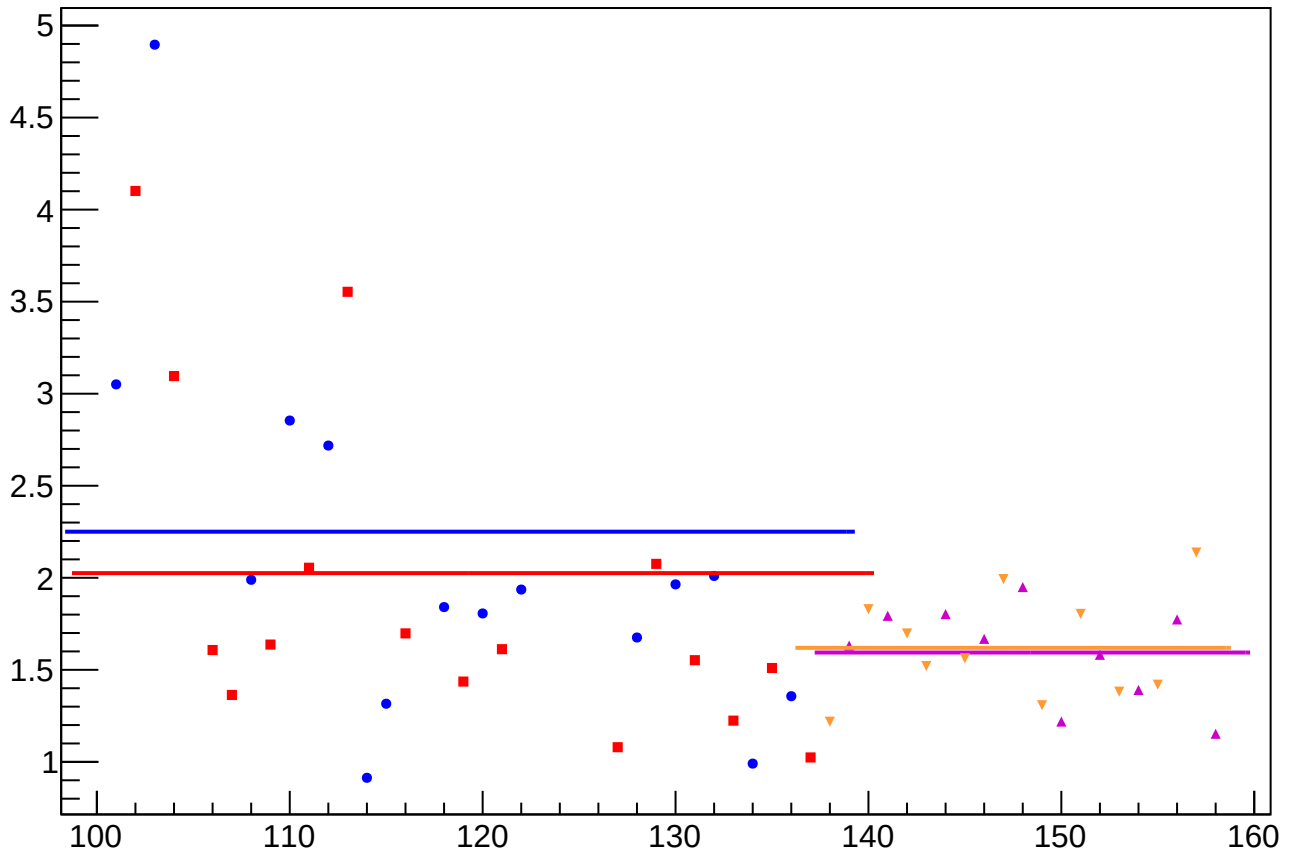
Left In: -8.302 ± 0.000 χ^2/NDF : 7251000583069947323375141678743552.0/9

+ sign -8.615 ± 0.000 χ^2/NDF : 1748211070515932

All: -8.136 ± 0.000 χ^2/NDF : 4266898711017

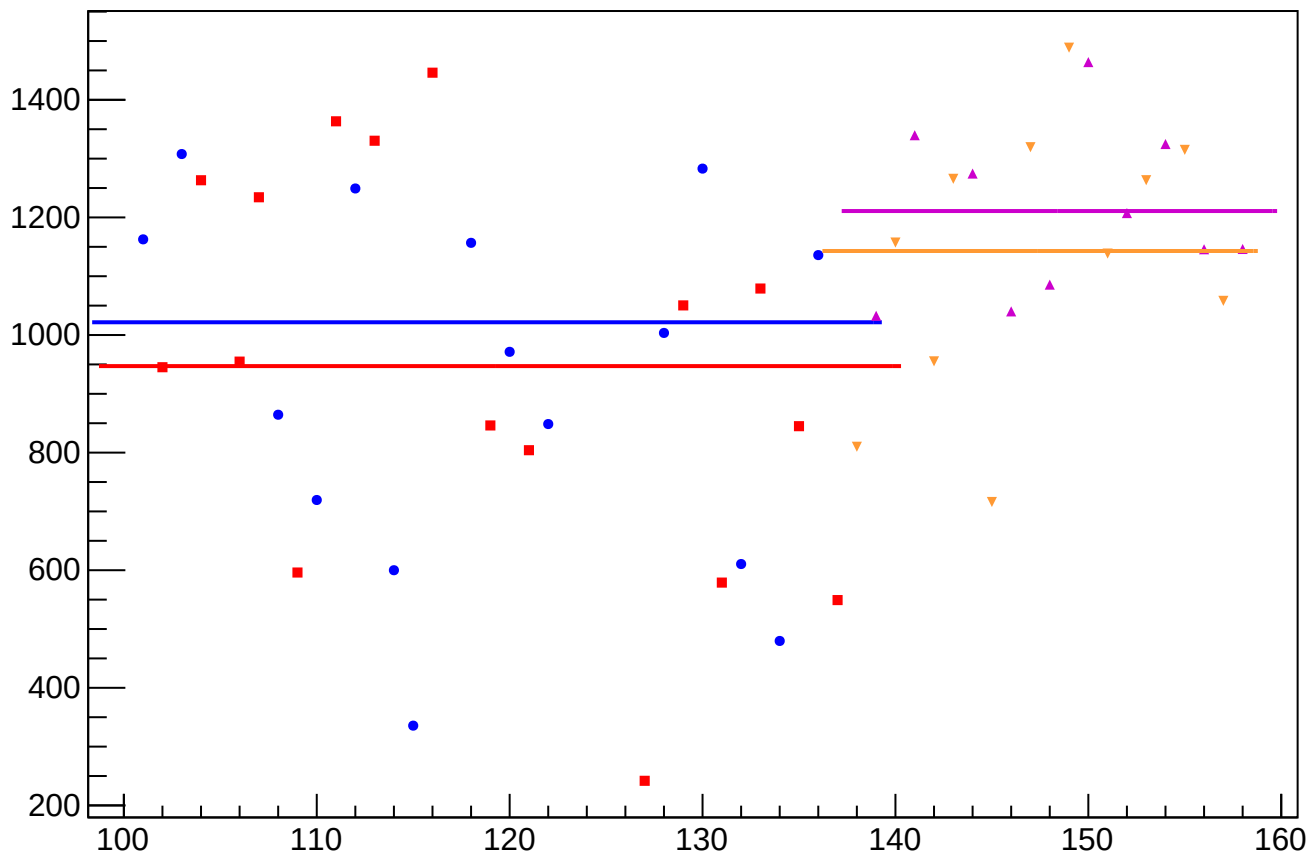
- sign -7.667 ± 0.000 χ^2/NDF : 24513024534335057

dit_4eY_coil7_err_mean vs Slug



$\chi^2/\text{NDF}: 656774588136274816295442701090816.0/14$
 $+ \text{sign } 1.895 \pm 0.000 \quad \chi^2/\text{NDF}: 87052304371108162$
 $\chi^2/\text{NDF}: 68261797179387446240021883912192.0/10$
 $\text{All: } 1.839 \pm 0.000 \quad \chi^2/\text{NDF}: 1581413802932$
 $\chi^2/\text{NDF}: 578717441762956454616505599918080.0/15$
 $- \text{sign } 1.784 \pm 0.000 \quad \chi^2/\text{NDF}: 70157310294738454$
 $\chi^2/\text{NDF}: 53308010202392171579577013895168.0/9$

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1142.908 $\pm$ 0.000 χ^2 /NDF: 42694917457780139943000905132443435008.0/10

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

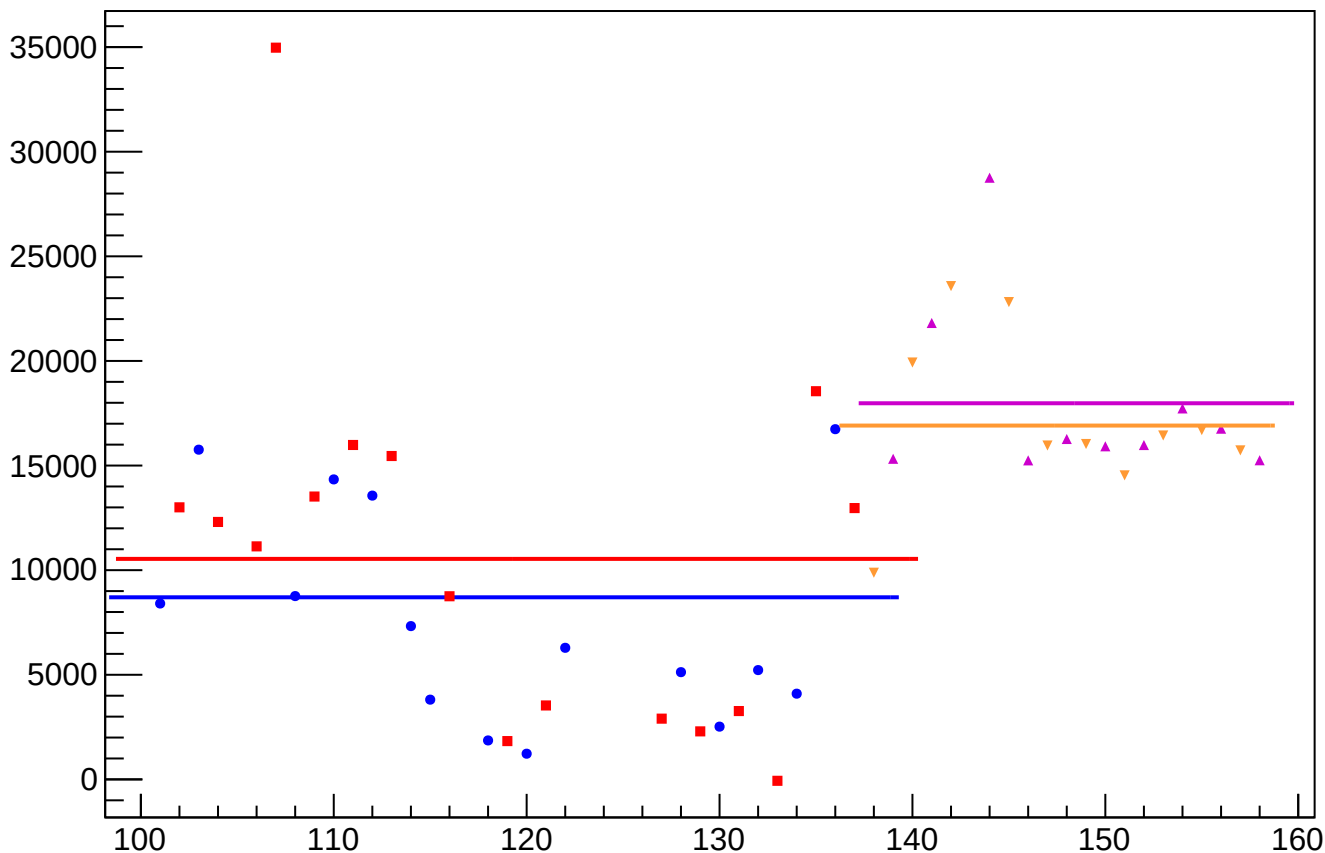
Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

+ sign 1089.964 $\pm$ 0.000 χ^2 /NDF: 88559915875439

All: 1092.463 $\pm$ 0.000 χ^2 /NDF: 19810393678

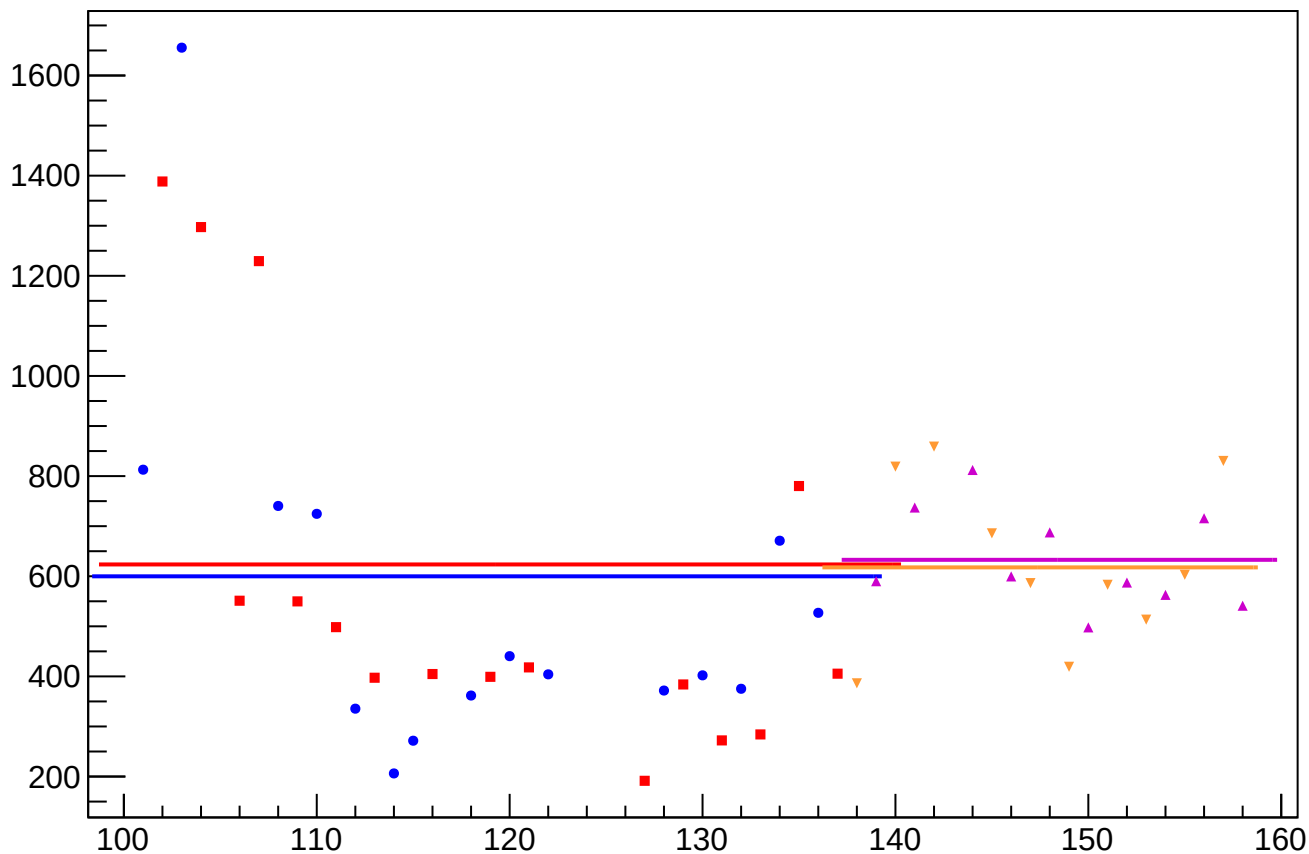
- sign 1094.910 $\pm$ 0.000 χ^2 /NDF: 10952565721383

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16911.452+/-0.000 χ^2/NDF : 10174710887899263643737655656968773173248.0/9
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 17977.352+/-0.000 χ^2/NDF : 14483296743019180045452342456958819762176.0/9

dit_usl_coil7_err_mean vs Slug



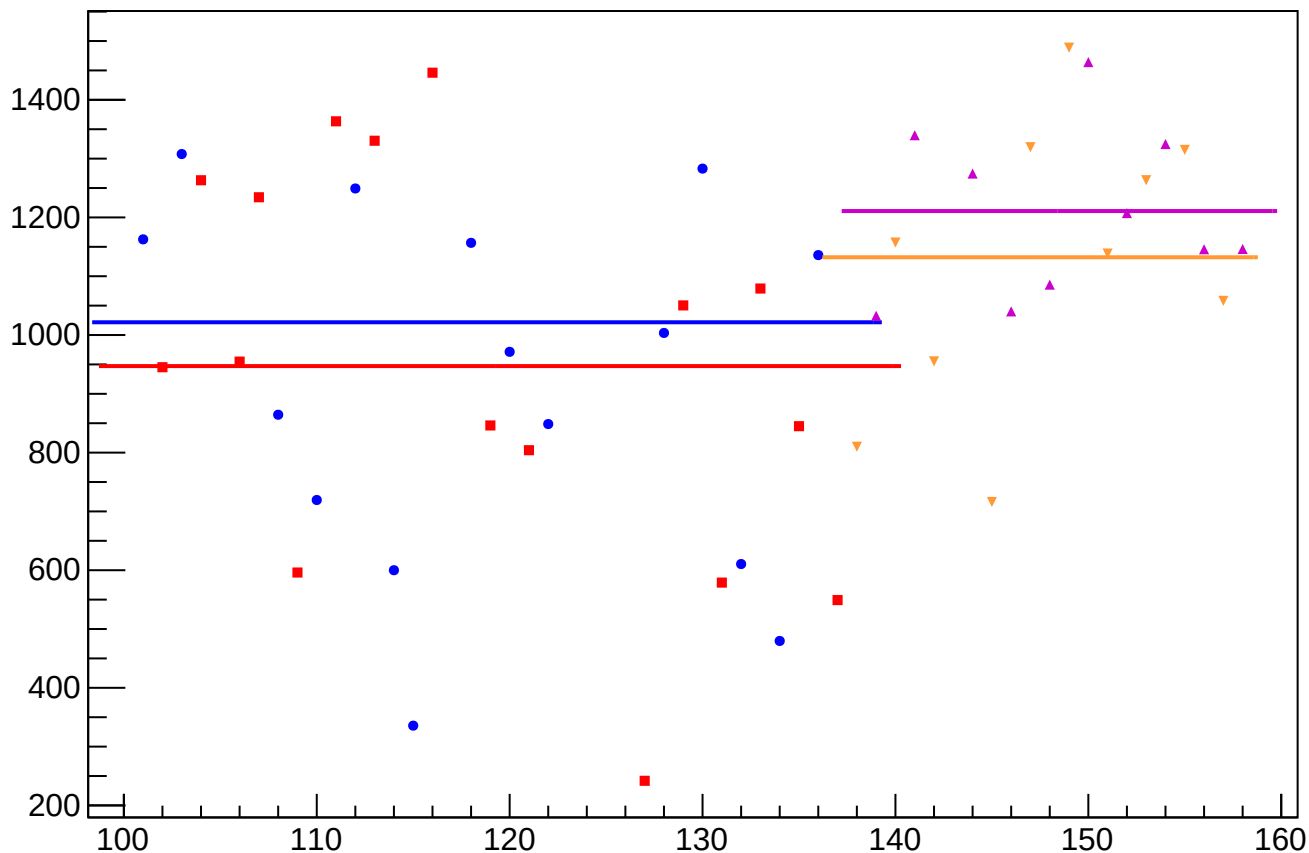
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 617.688+/-0.000 χ^2/NDF : 18541426583103491643880971459486547968.0/9

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

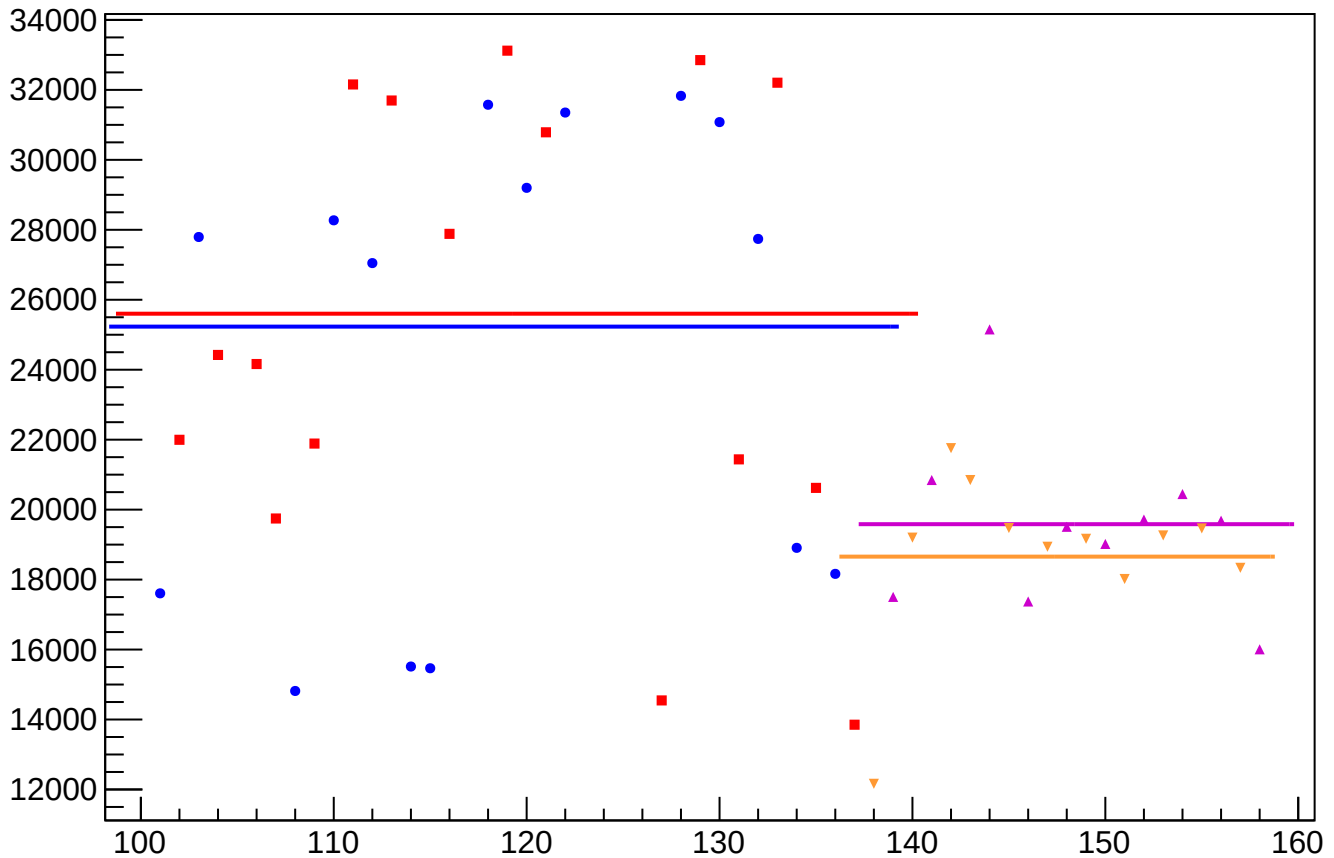
Left In: 632.802+/-0.000 χ^2/NDF : 7786764439691337251774383060435337216.0/9

dit_usl_coil7_Ndata_mean vs Slug



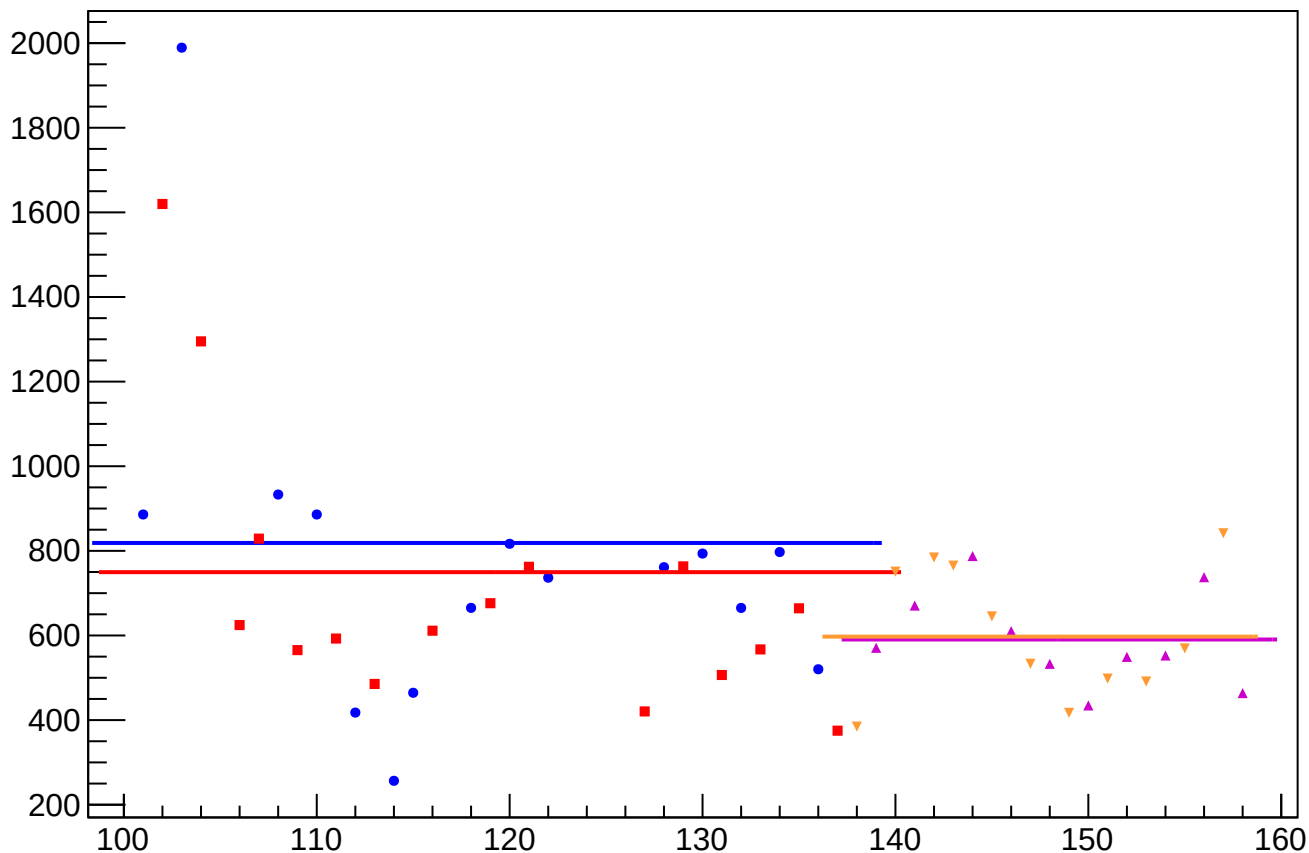
Right In: 1021.684 $\pm$ 0.000	χ^2 /NDF: 40493101470870278397836276403592495104.0/14	+ sign 1081.668 $\pm$ 0.000	χ^2 /NDF: 86393754205716
Left Out: 1132.226 $\pm$ 0.000	χ^2 /NDF: 41597304998051027682949382867307724800.0/9	All: 1088.510 $\pm$ 0.000	χ^2 /NDF: 1960479806
Right Out: 947.145 $\pm$ 0.000	χ^2 /NDF: 67784656011936521511169668028018196480.0/15	- sign 1094.910 $\pm$ 0.000	χ^2 /NDF: 10952565721383
Left In: 1210.862 $\pm$ 0.000	χ^2 /NDF: 15749271183228525581810721748649246720.0/9		

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18656.628+/-0.000 χ^2/NDF : 4282886233292414721953771123490447949824.0/10
 Right Out: 25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: 19584.273+/-0.000 χ^2/NDF : 4785181913774288839821946127903461736448.0/9

dit_usr_coil7_err_mean vs Slug



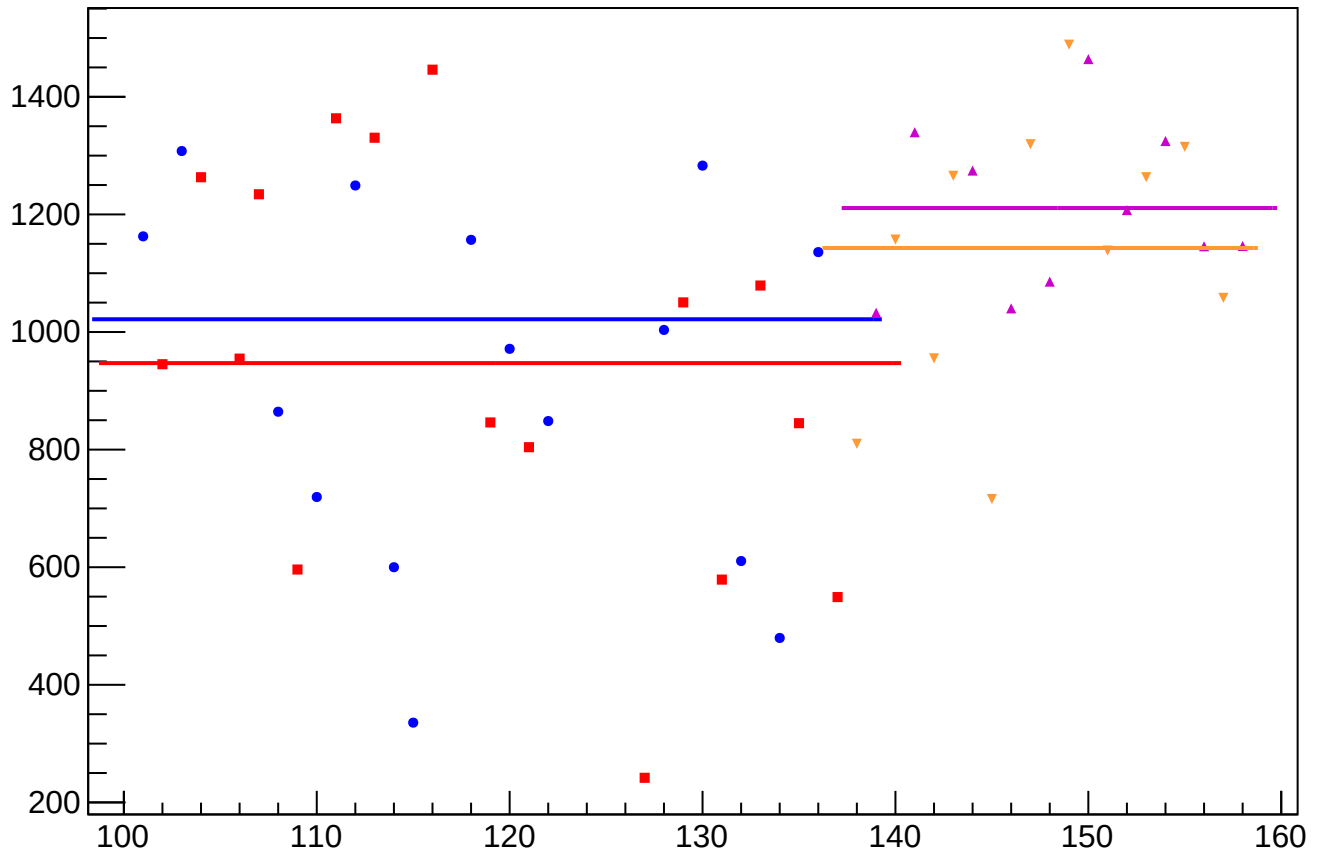
Right In: 818.668 ± 0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 597.290 ± 0.000 χ^2/NDF : 18674943192736808163384662919487684608.0/10

Right Out: 749.661 ± 0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

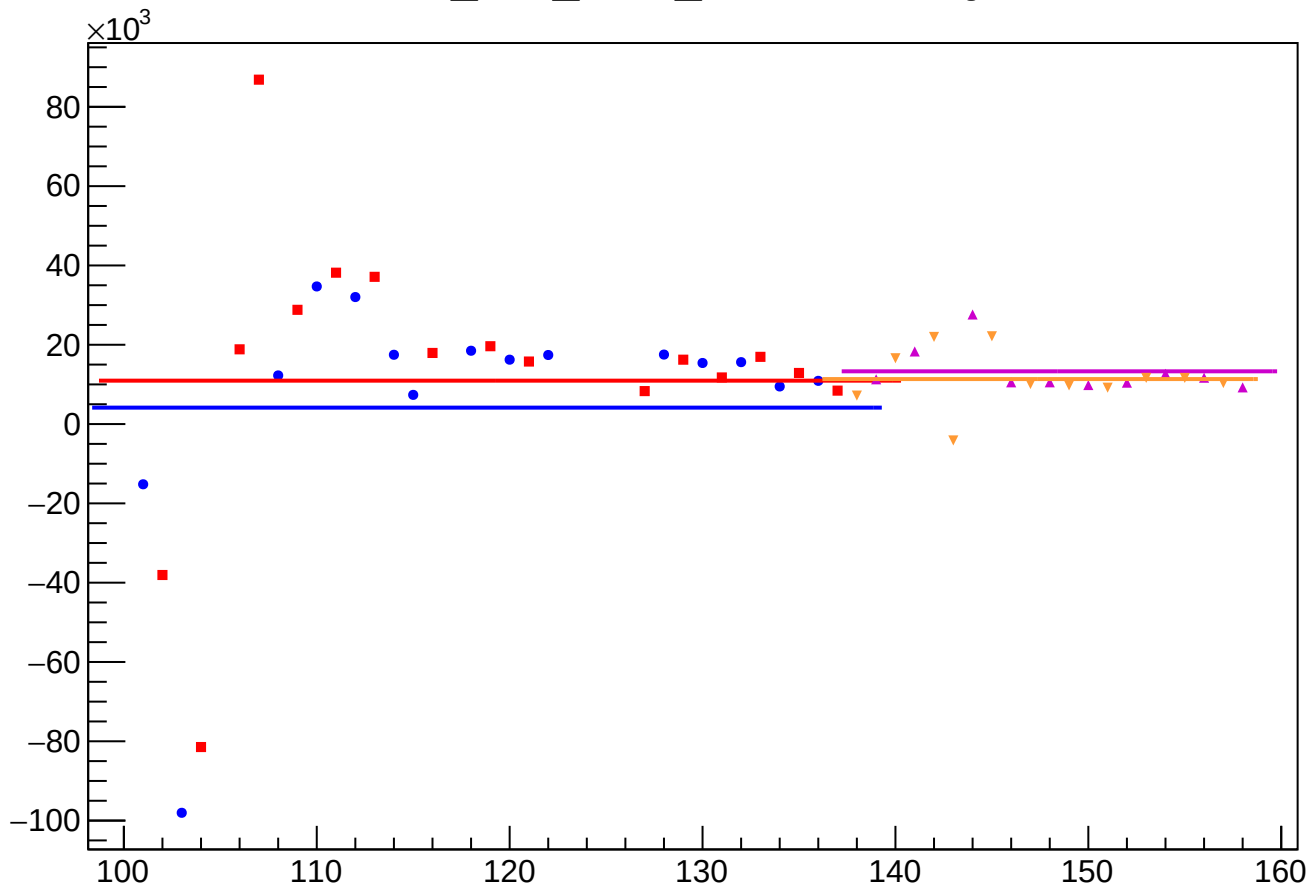
Left In: 590.501 ± 0.000 χ^2/NDF : 9869705477627151320874104728649203712.0/9

dit_usr_coil7_Ndata_mean vs Slug



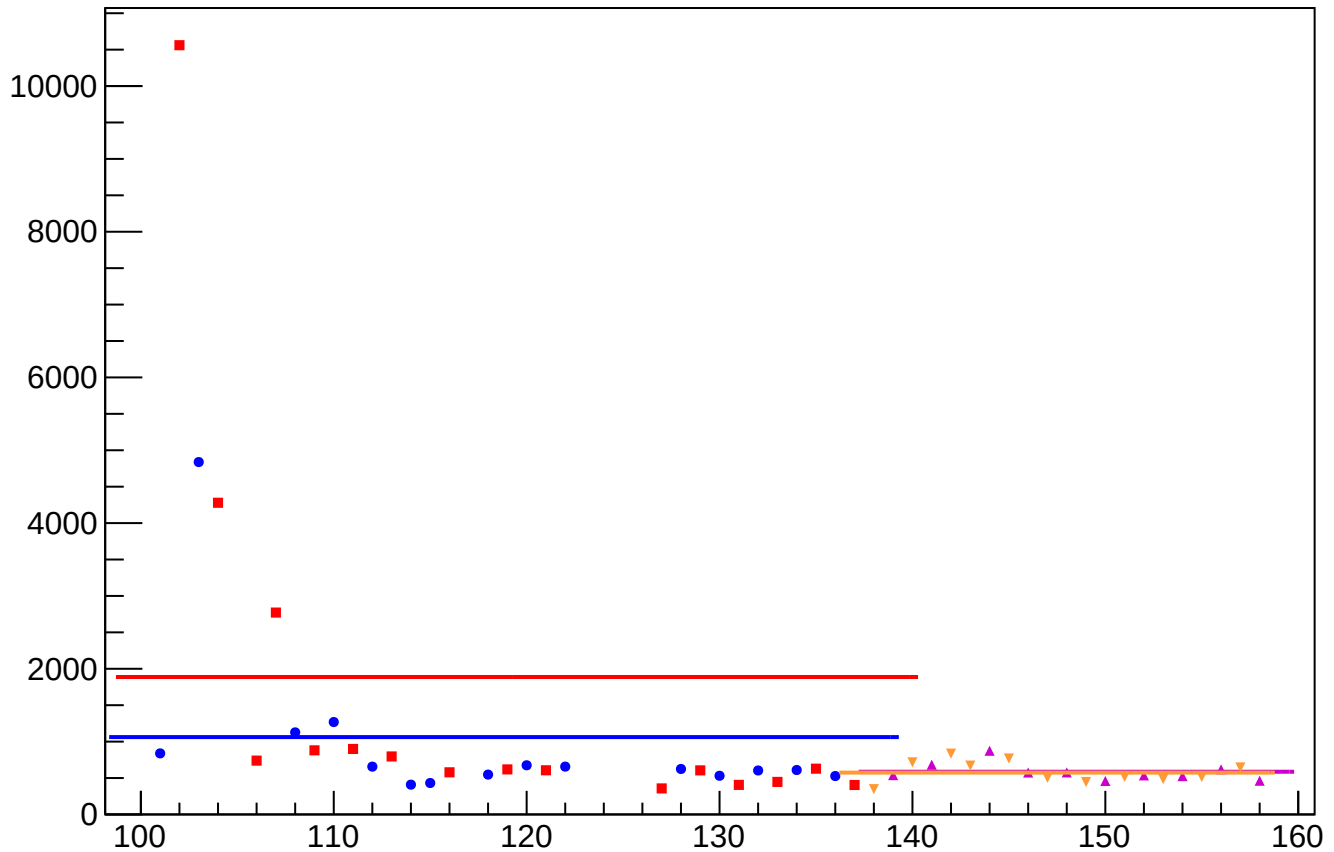
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1142.908 $\pm$ 0.000 χ^2 /NDF: 42694917457780139943000905132443435008.0/10
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

dit_atl1_coil7_mean vs Slug



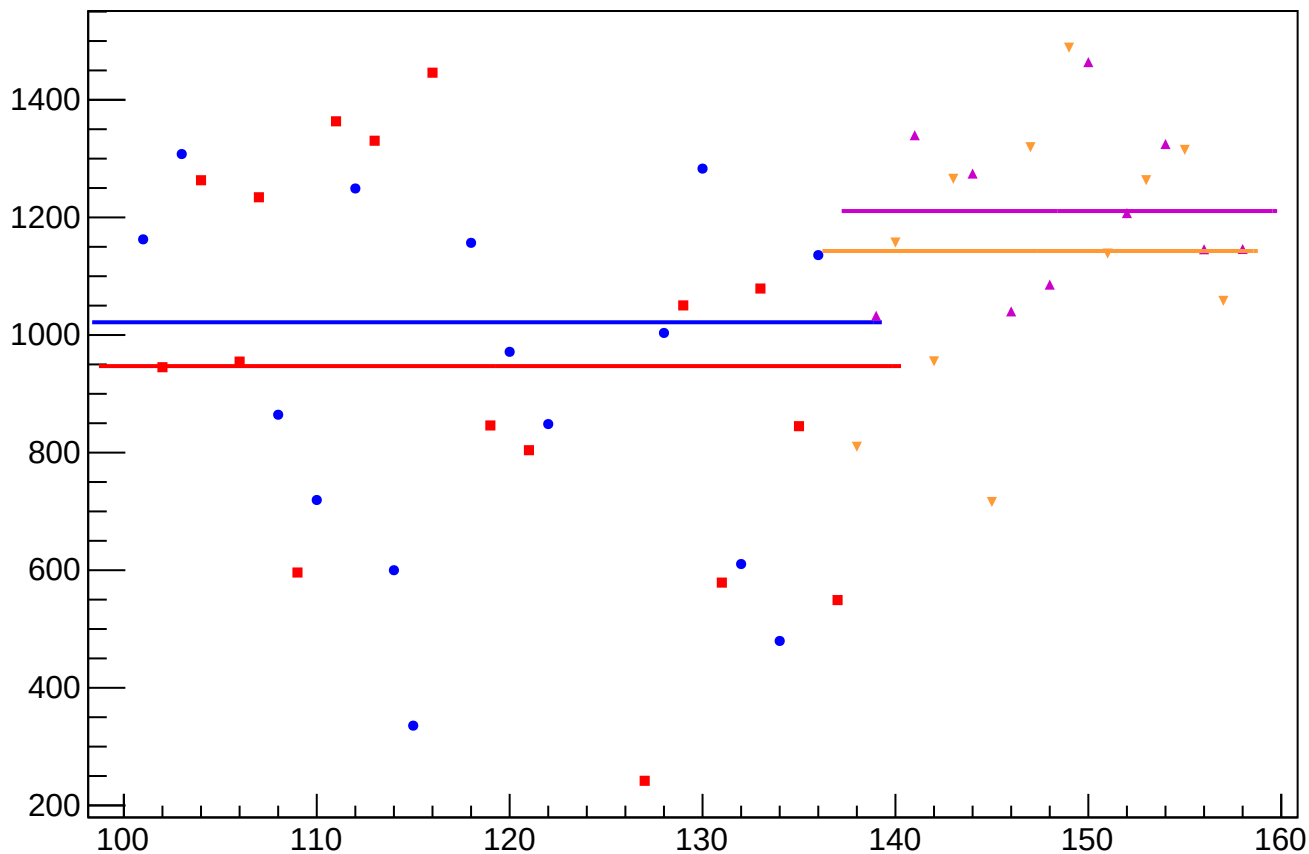
Right In: 4145.268 $\pm$ 0.000 χ^2 /NDF: 763693998395064689637972381933507648159744.0/14
 Left Out: 11348.016 $\pm$ 0.000 χ^2 /NDF: 35079809027072557617954674606138099499008.0/10
 Right Out: 10948.073 $\pm$ 0.000 χ^2 /NDF: 873949668510327201514601463115396191092736.0/15
 Left In: 13301.708 $\pm$ 0.000 χ^2 /NDF: 25396025277327814339420079069351689322496.0/9

dit_atl1_coil7_err_mean vs Slug



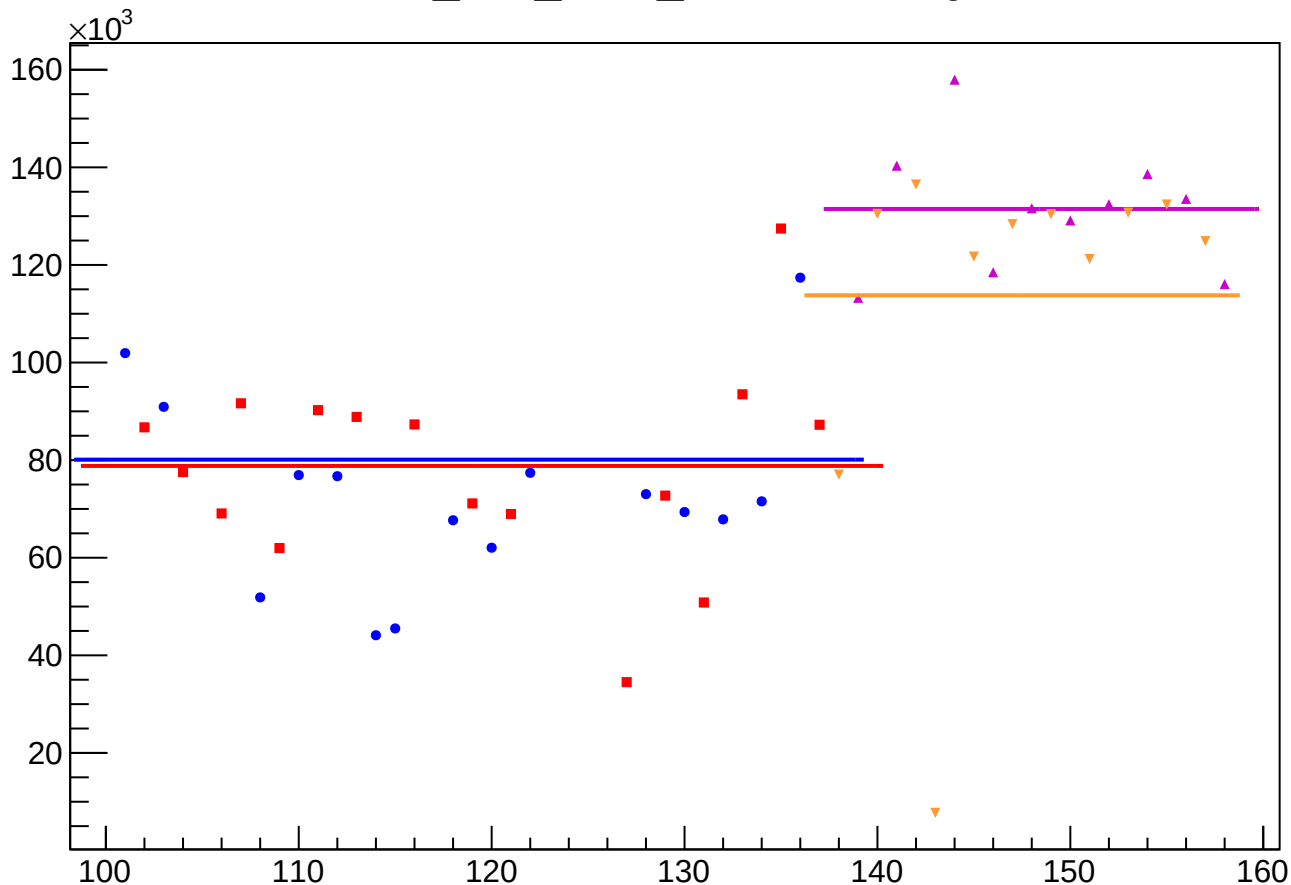
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 574.723+/-0.000 χ^2/NDF : 15896420532457577318563730416660905984.0/10
 Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 586.404+/-0.000 χ^2/NDF : 11691077765571172003231563508906721280.0/9

dit_atl1_coil7_Ndata_mean vs Slug



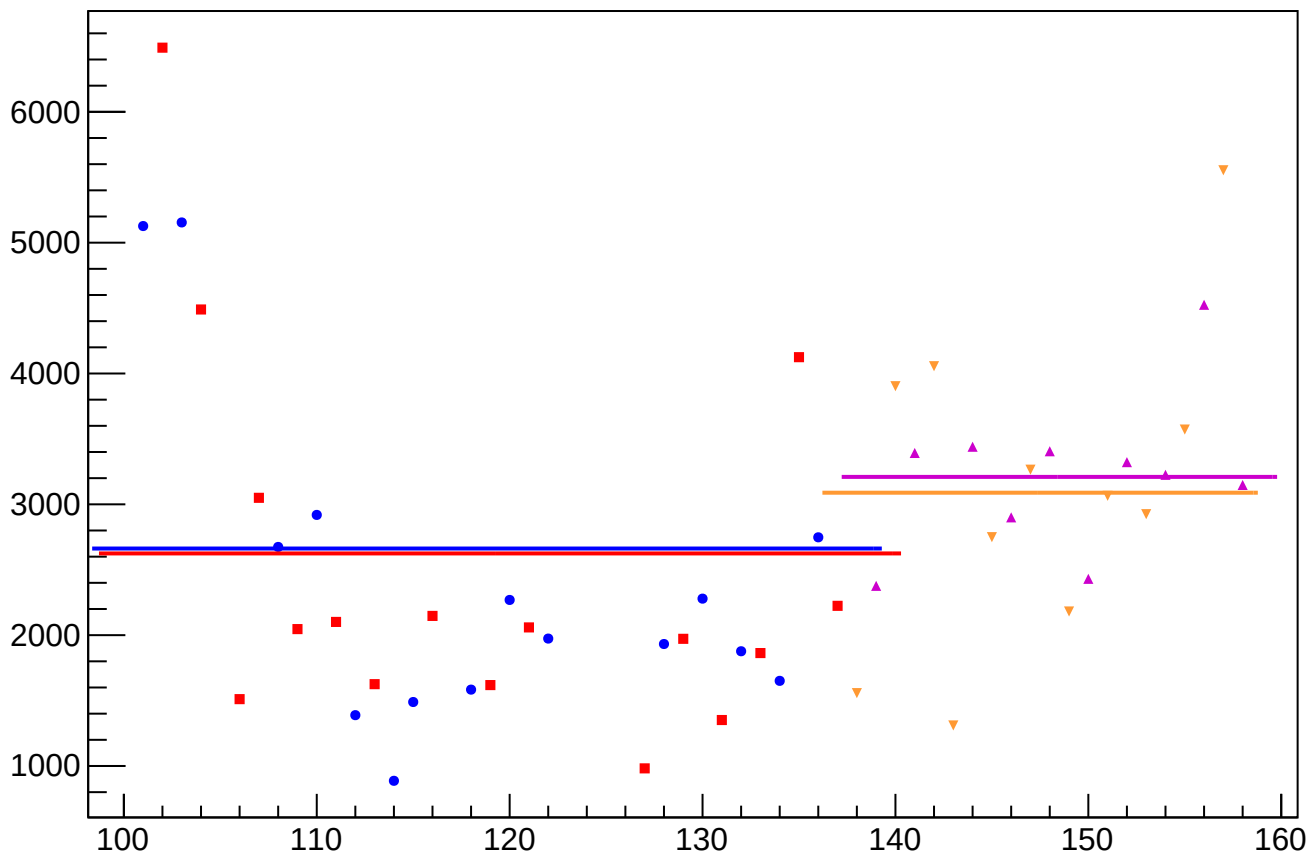
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

dit_atl2_coil7_mean vs Slug



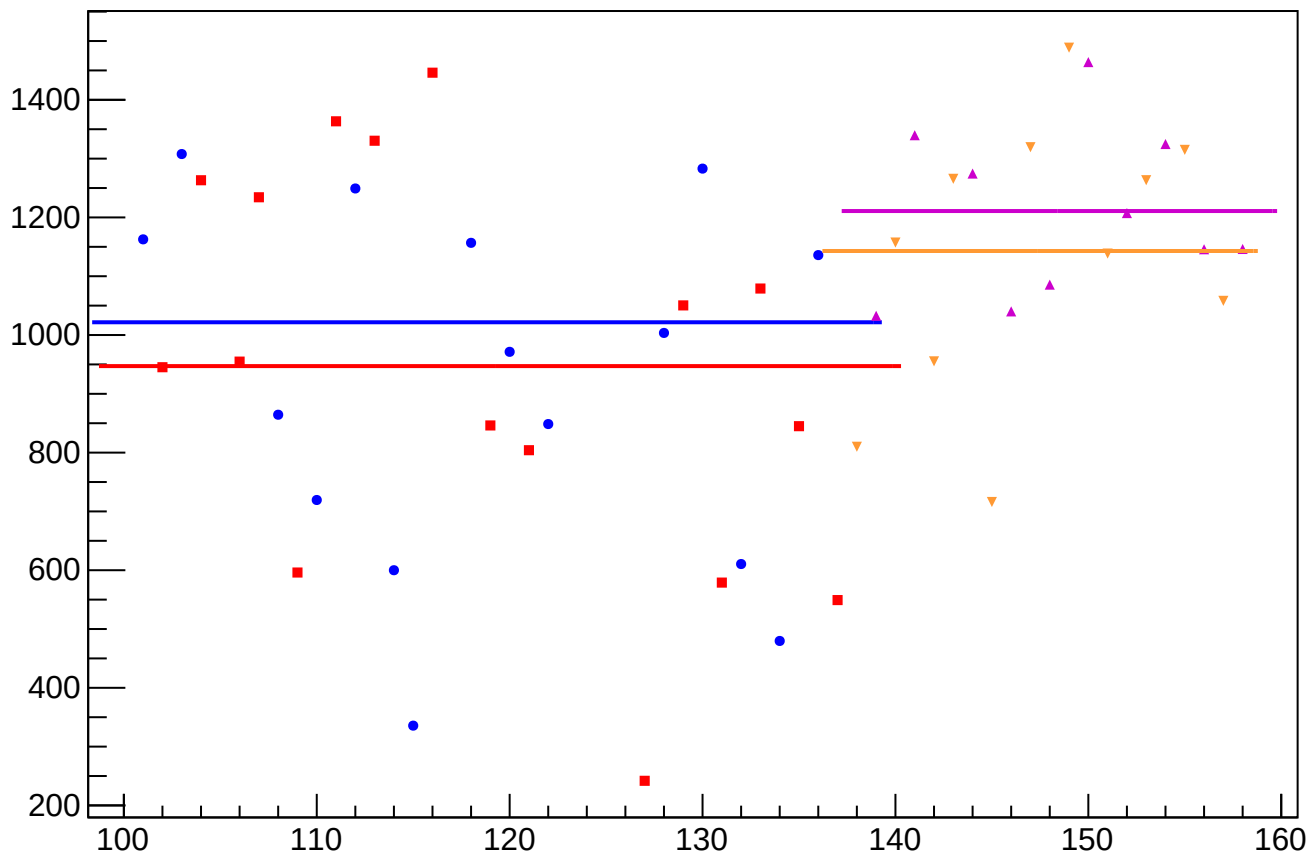
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 113775.402 $\pm$ 0.000 χ^2 /NDF: 1016391338486677360998487585630976655491072.0/10
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 131474.741 $\pm$ 0.000 χ^2 /NDF: 134658499505019282435824847378790035226624.0/9

dit_atl2_coil7_err_mean vs Slug



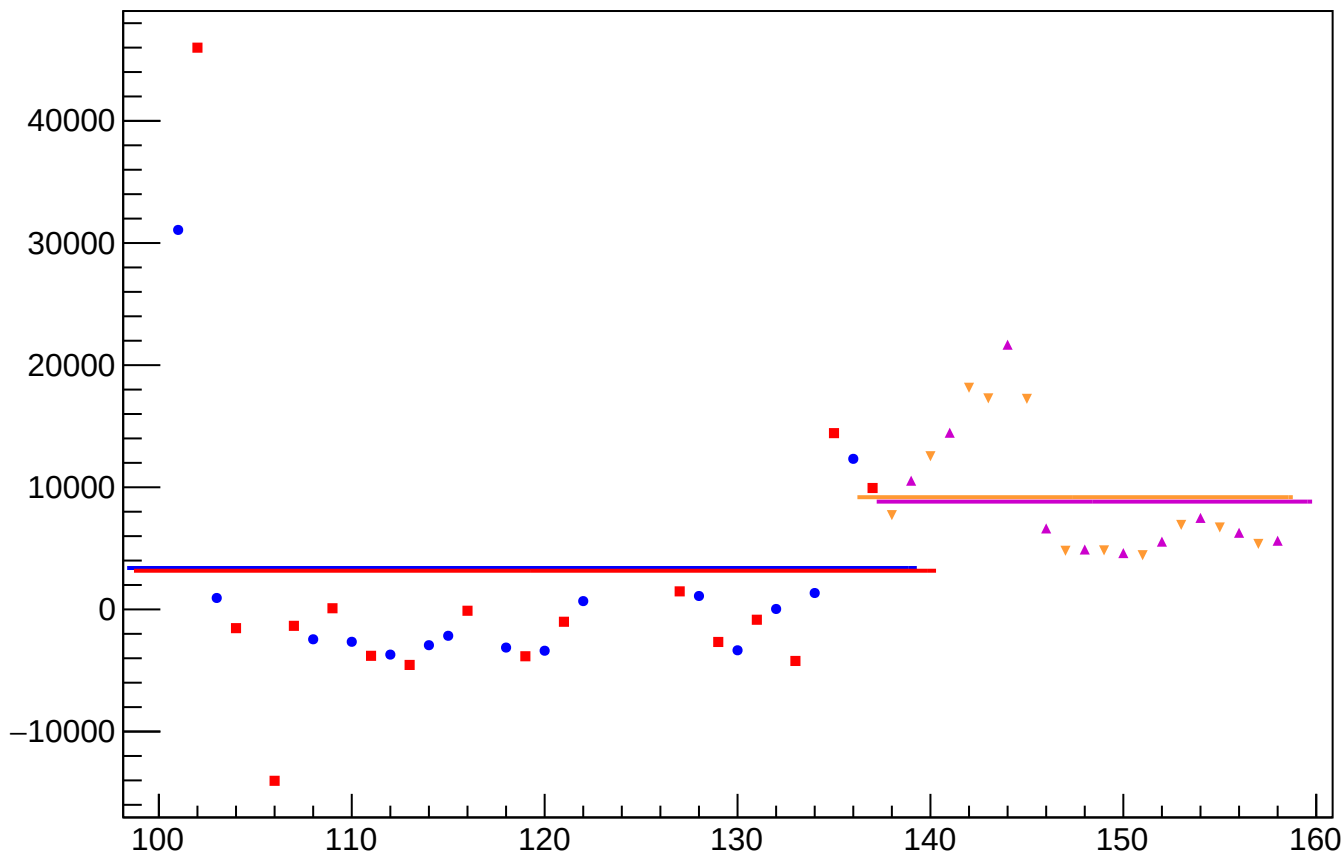
Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14	+ sign 2902.511+/-0.000	χ^2/NDF : 21722098426296
Left Out: 3088.858+/-0.000	χ^2/NDF : 1074271075348804071121341747753318875136.0/10	All: 2927.760+/-0.000	χ^2/NDF : 41387273258
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15	- sign 2952.493+/-0.000	χ^2/NDF : 19646421110324
Left In: 3209.718+/-0.000	χ^2/NDF : 270027314447276793329207975253297332224.0/9		

dit_atl2_coil7_Ndata_mean vs Slug



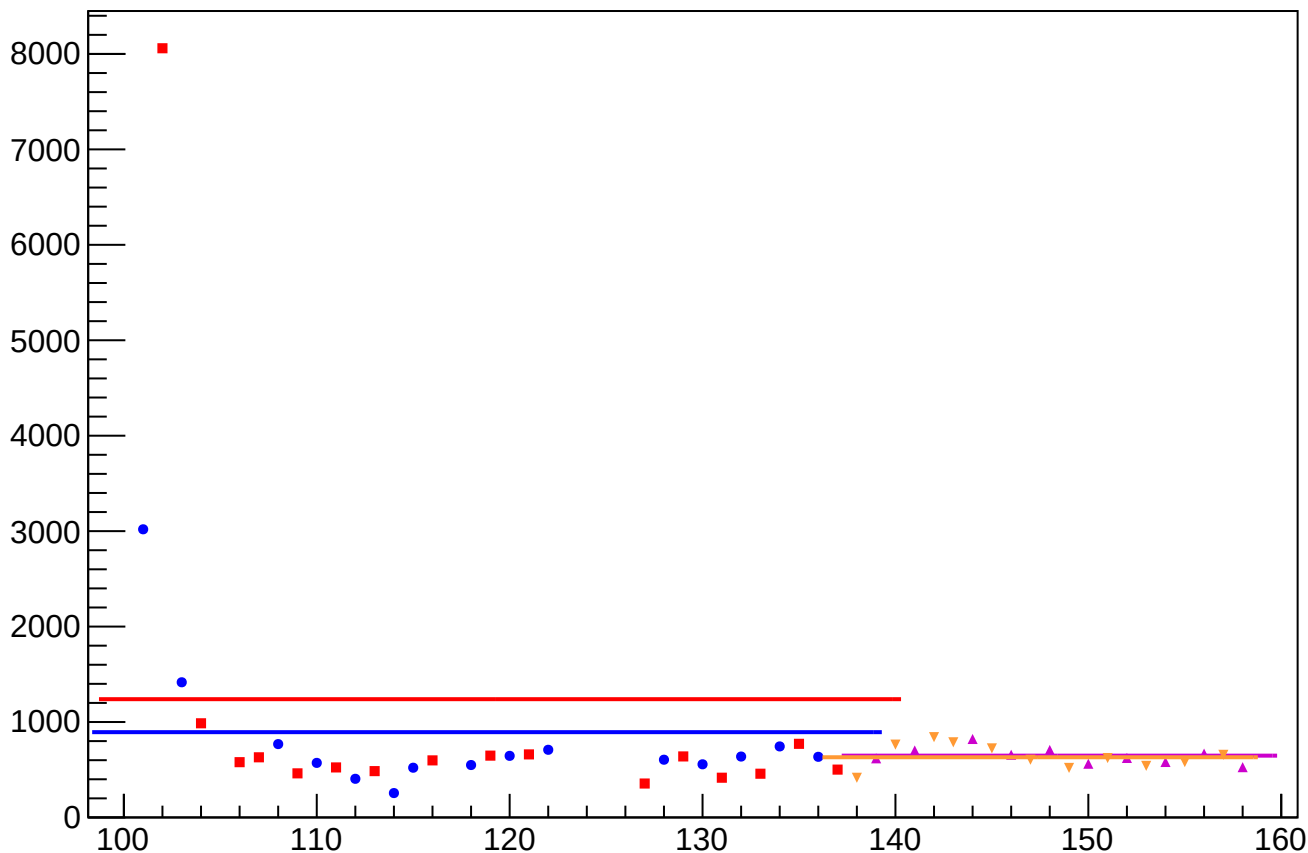
Right In: 1021.684 $\pm$ 0.000	χ^2 /NDF: 40493101470870278397836276403592495104.0/14	+ sign 1089.964 $\pm$ 0.000	χ^2 /NDF: 88559915875439
Left Out: 1142.908 $\pm$ 0.000	χ^2 /NDF: 42694917457780139943000905132443435008.0/10	All: 1092.463 $\pm$ 0.000	χ^2 /NDF: 19810393678
Right Out: 947.145 $\pm$ 0.000	χ^2 /NDF: 67784656011936521511169668028018196480.0/15	- sign 1094.910 $\pm$ 0.000	χ^2 /NDF: 10952565721383
Left In: 1210.862 $\pm$ 0.000	χ^2 /NDF: 15749271183228525581810721748649246720.0/9		

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 9187.991+/-0.000 χ^2/NDF : 21342180584250898151860942182990156398592.0/10
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8826.351+/-0.000 χ^2/NDF : 23385058583096717243970345174936982650880.0/9

dit_atr1_coil7_err_mean vs Slug



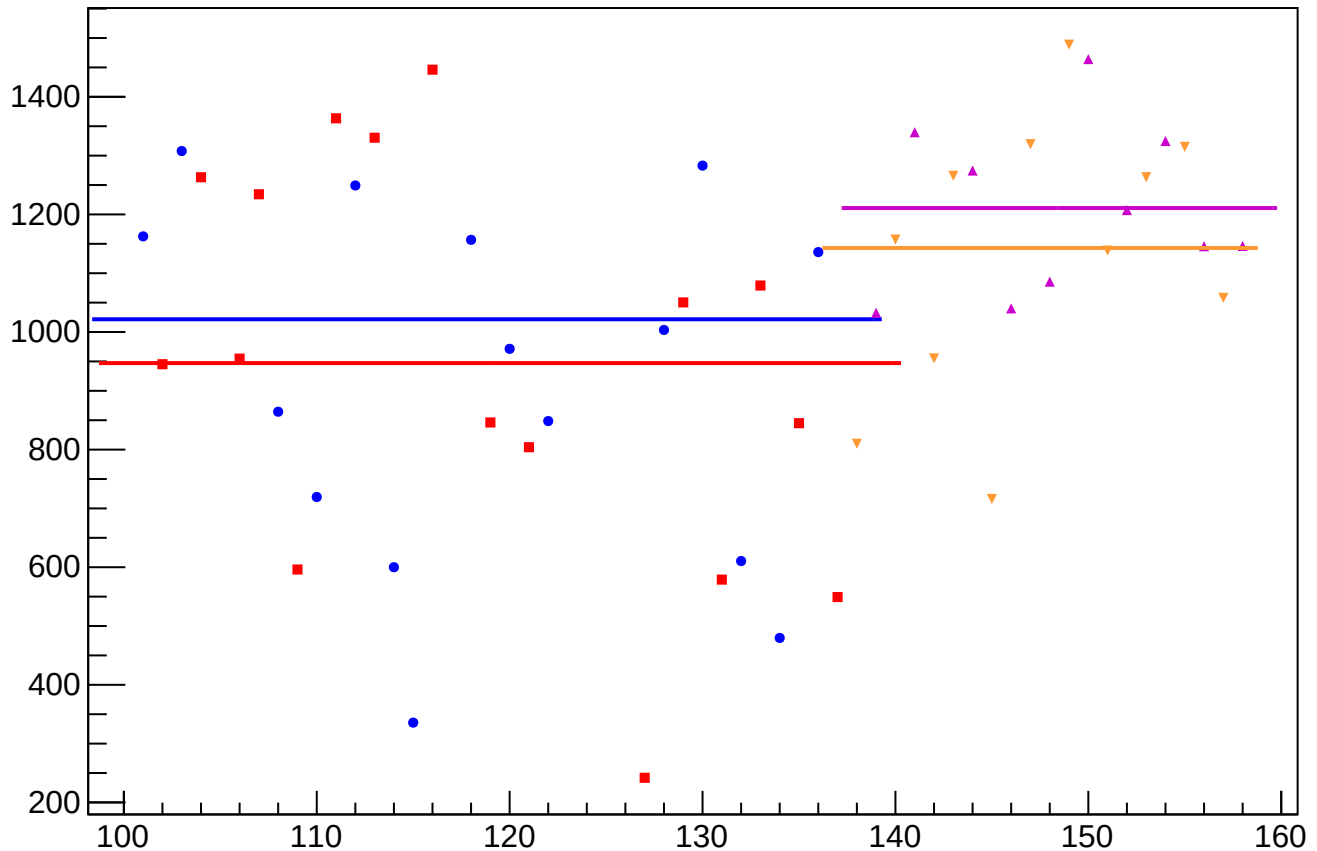
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 630.798+/-0.000 χ^2/NDF : 11488651482906633657142804100264493056.0/10

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

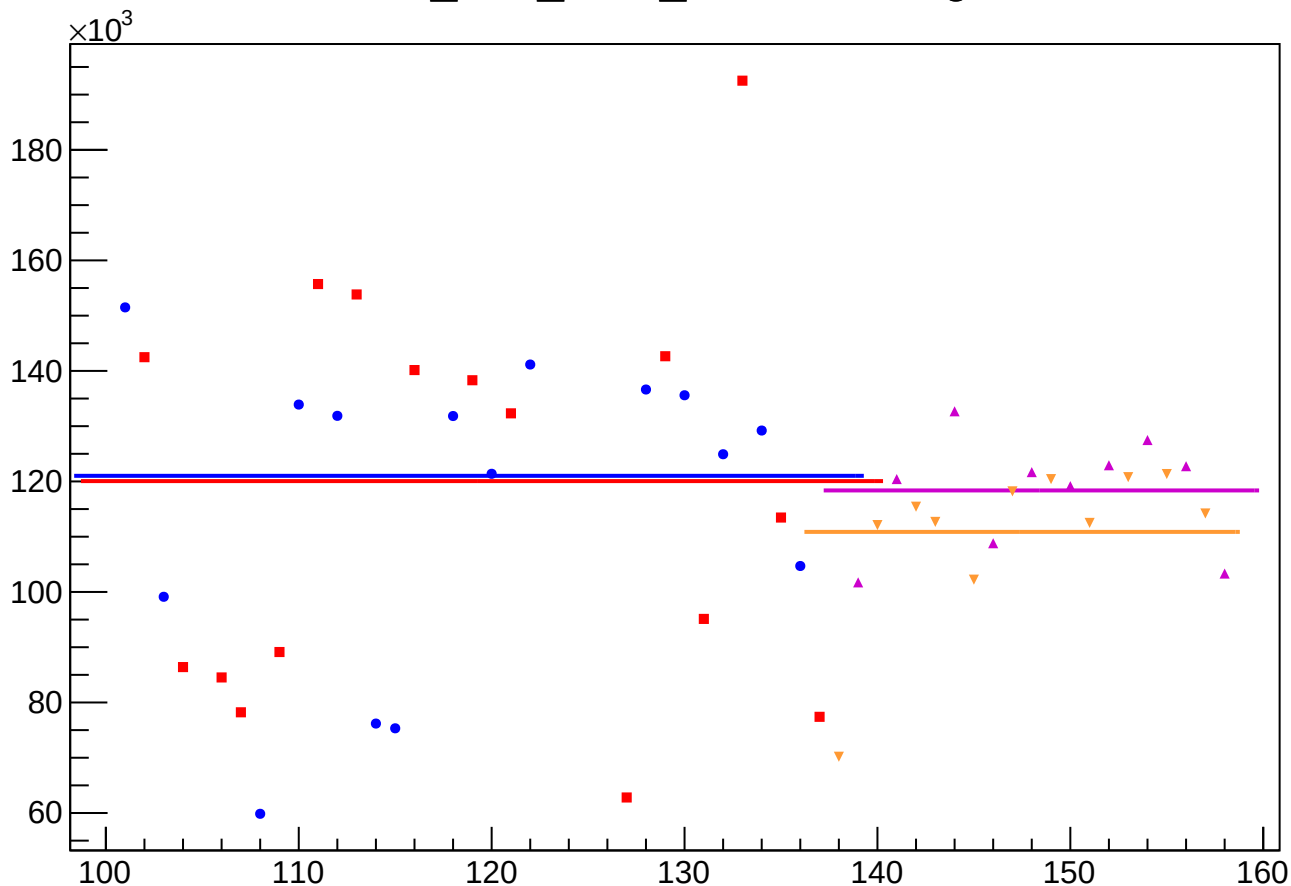
Left In: 647.625+/-0.000 χ^2/NDF : 5647801198571049492143195106830188544.0/9

dit_atr1_coil7_Ndata_mean vs Slug



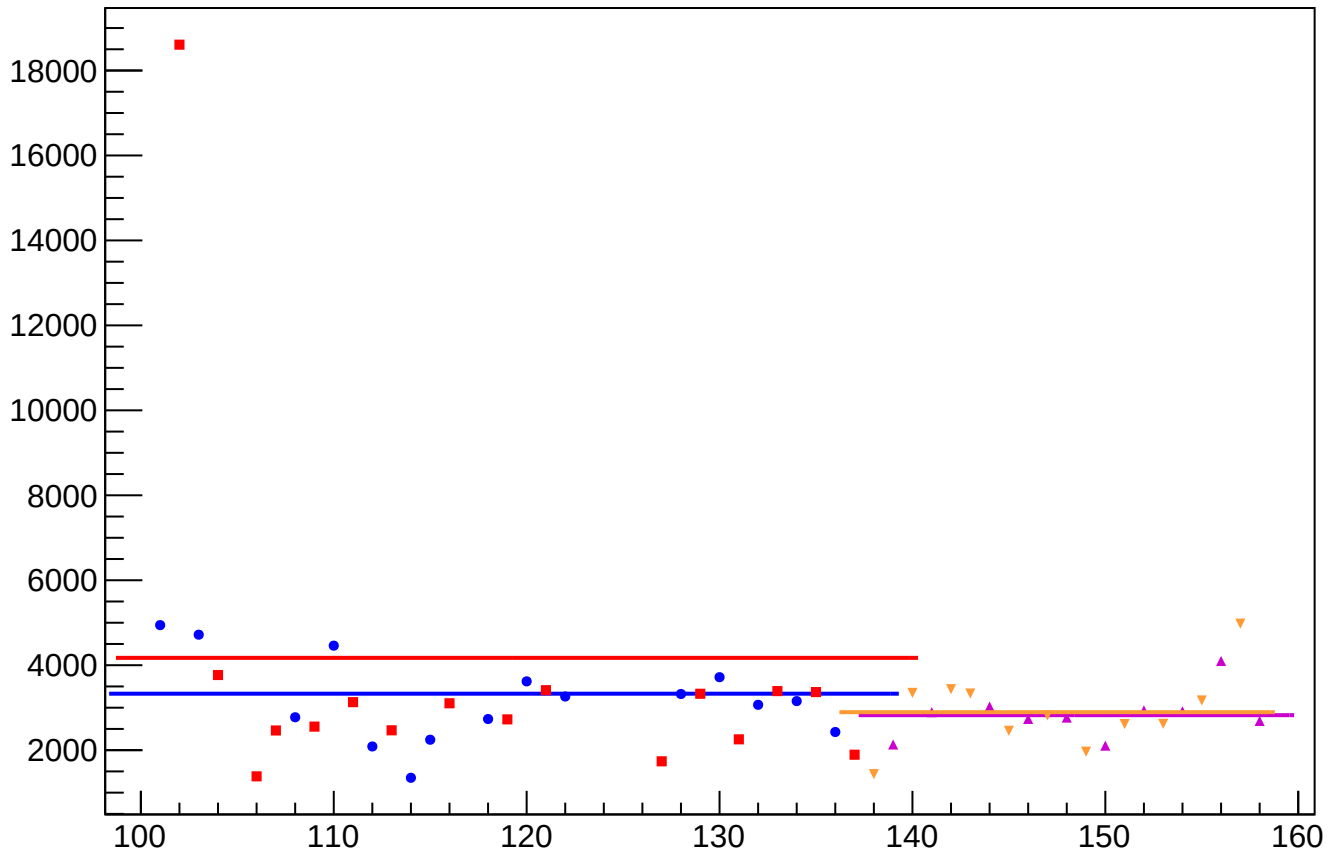
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

dit_atr2_coil7_mean vs Slug



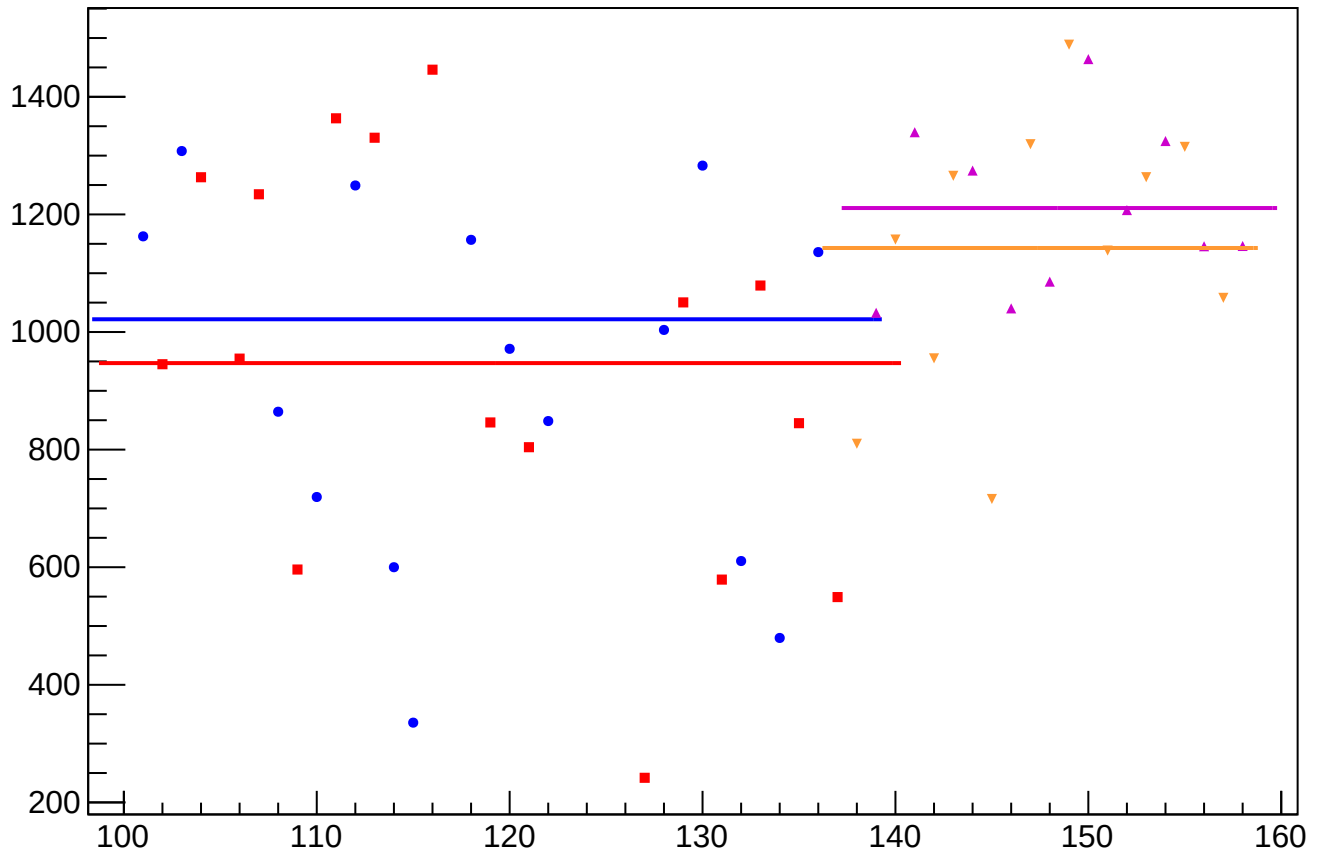
Right In: 121016.482 ± 0.000 $\chi^2/\text{NDF}: 358713856404303554987784975983609668173824.0/14$
 Left Out: 110870.491 ± 0.000 $\chi^2/\text{NDF}: 166521835489624808207972802823557010685952.0/10$
 Right Out: 120060.693 ± 0.000 $\chi^2/\text{NDF}: 828419782346707601448620310014135952736256.0/15$
 Left In: 118371.172 ± 0.000 $\chi^2/\text{NDF}: 78658056188444839996080240086341881167872.0/9$

dit_atr2_coil7_err_mean vs Slug



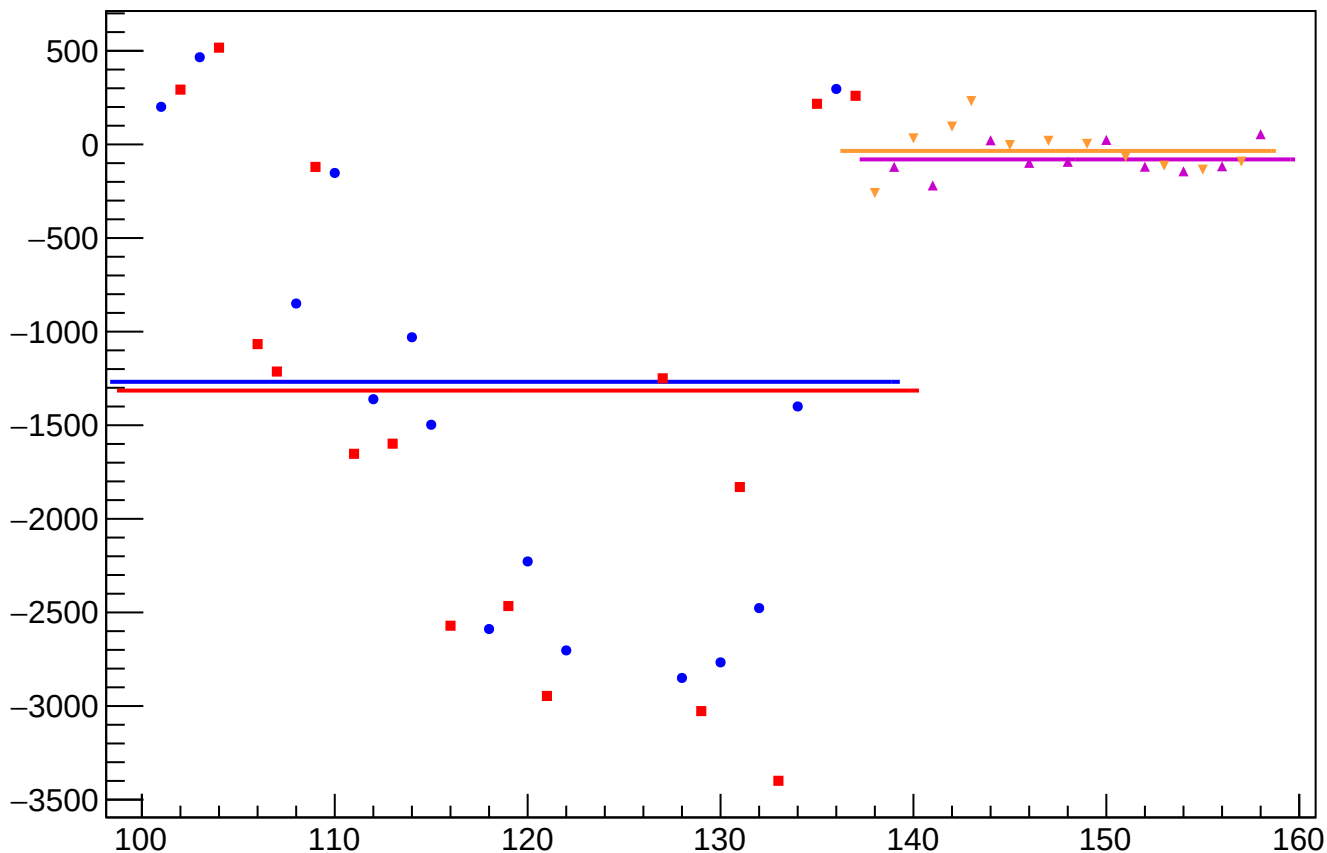
Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2894.288+/-0.000 χ^2/NDF : 659476081963254599055514088354265169920.0/10
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2823.813+/-0.000 χ^2/NDF : 224066085754679819342225770361391153152.0/9

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1142.908 $\pm$ 0.000 χ^2 /NDF: 42694917457780139943000905132443435008.0/10
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

dit_sam1_coil7_mean vs Slug



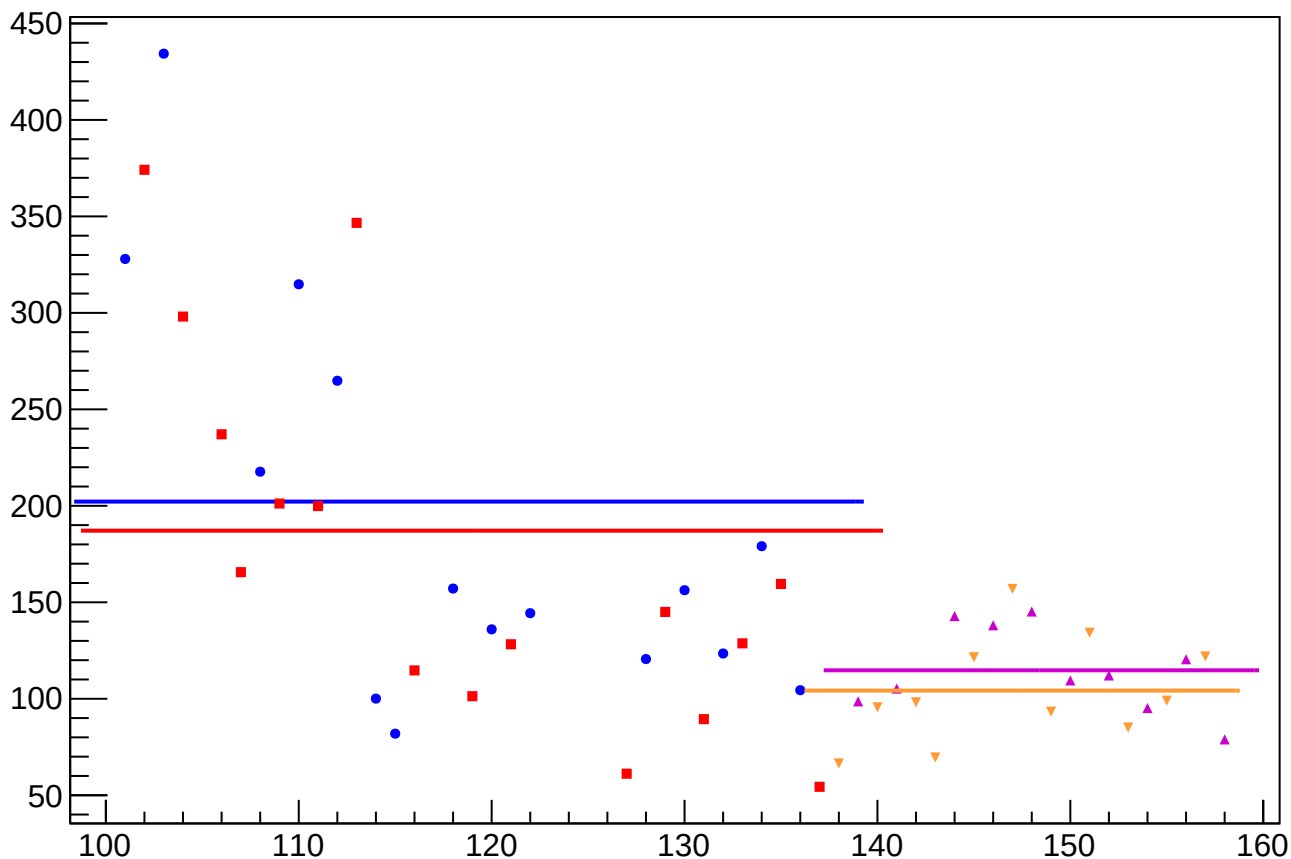
Right In: -1268.061 ± 0.000 $\chi^2/\text{NDF}: 1092280760288833856070470490800647045120.0/14$

Left Out: -34.685 ± 0.000 $\chi^2/\text{NDF}: 11929964485371067846192164587974950912.0/10$

Right Out: -1314.767 ± 0.000 $\chi^2/\text{NDF}: 1098471313864079013714609379653260935168.0/15$

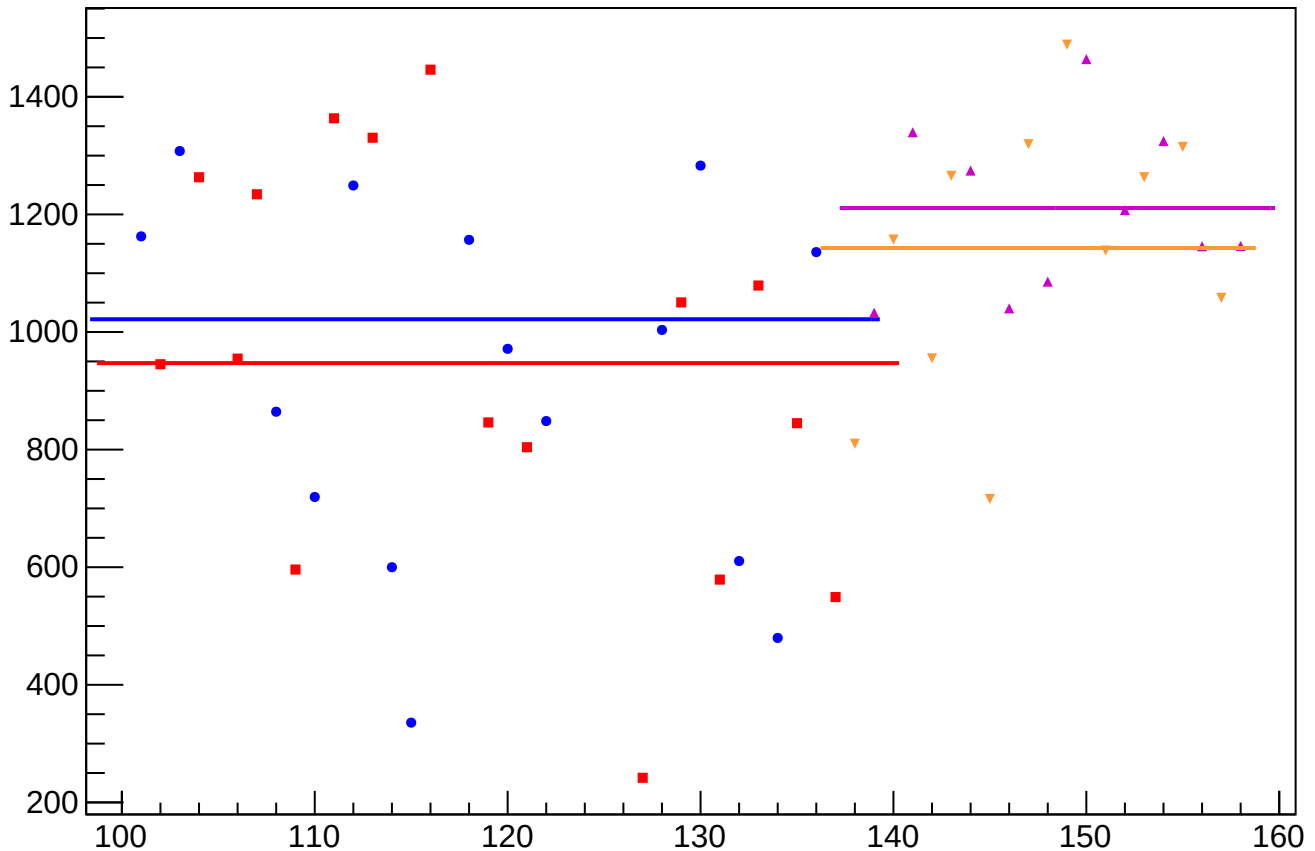
Left In: -80.066 ± 0.000 $\chi^2/\text{NDF}: 5797039304563313449550099874674900992.0/9$

dit_sam1_coil7_err_mean vs Slug



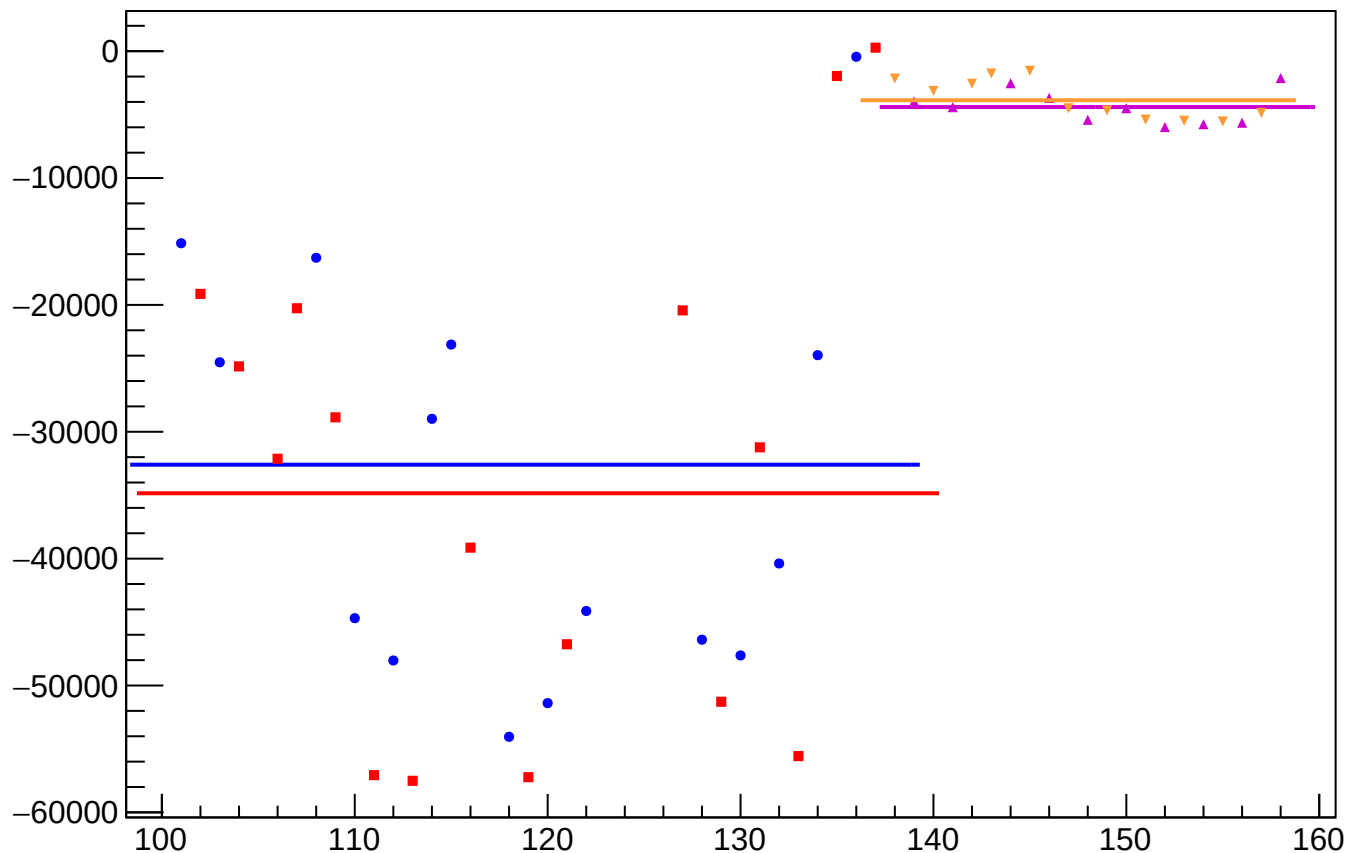
Right In: 202.191+/-0.000	χ^2/NDF : 7027941052752849066369040650615128064.0/14	+ sign 147.021+/-0.000	χ^2/NDF : 111126513393810
Left Out: 104.244+/-0.000	χ^2/NDF : 577718667108388919100967821152092160.0/10	All: 146.796+/-0.000	χ^2/NDF : 196659702680
Right Out: 187.126+/-0.000	χ^2/NDF : 6230029491605524746936515809941389312.0/15	- sign 146.575+/-0.000	χ^2/NDF : 855316948336295
Left In: 114.755+/-0.000	χ^2/NDF : 365702711945424540084712272912449536.0/9		

dit_sam1_coil7_Ndata_mean vs Slug



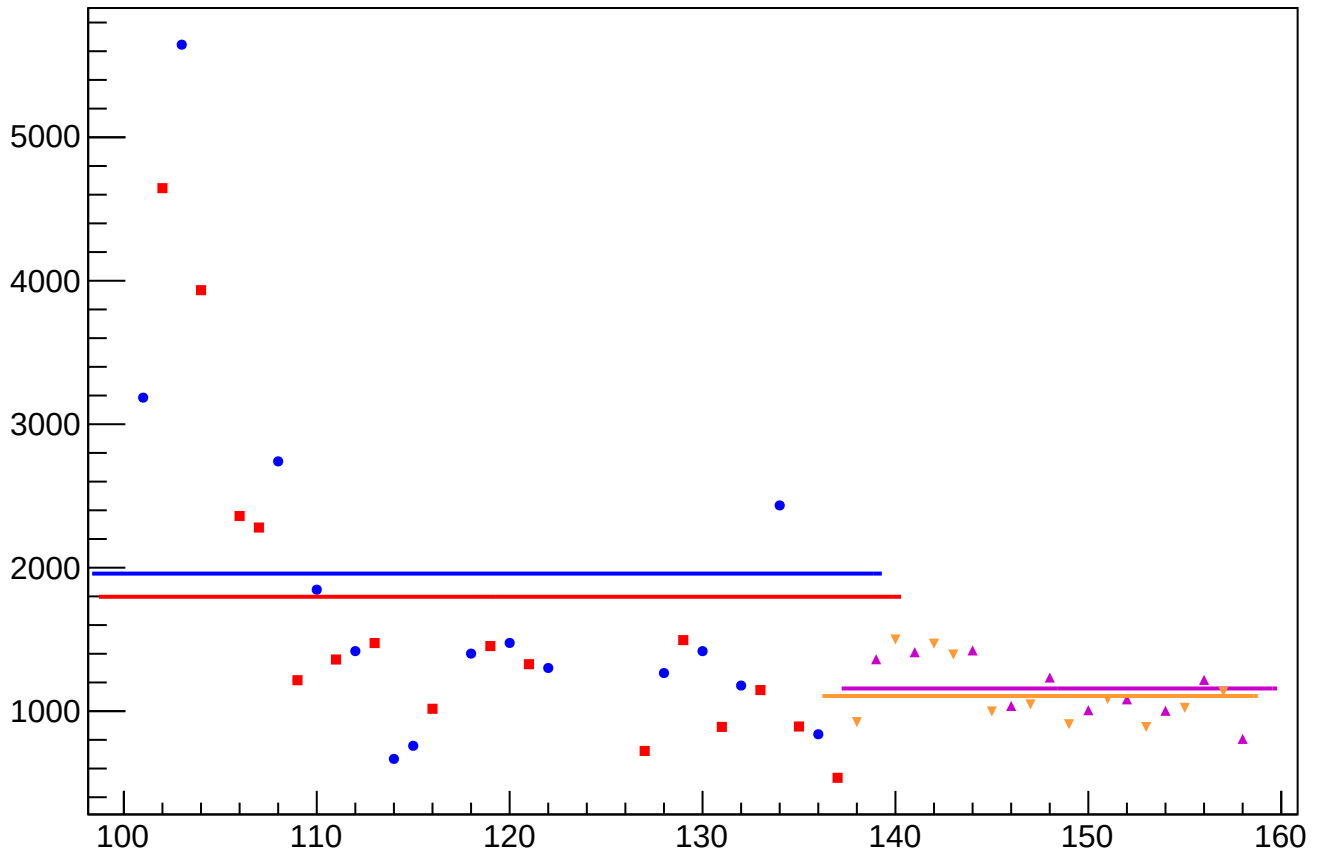
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1142.908 $\pm$ 0.000 χ^2 /NDF: 42694917457780139943000905132443435008.0/10
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

dit_sam2_coil7_mean vs Slug



Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left Out: -3868.763 ± 0.000 $\chi^2/\text{NDF}: 1874218438172416733259199413133431013376.0/10$
 Right Out: -34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left In: -4404.772 ± 0.000 $\chi^2/\text{NDF}: 1383742706921863260705550529496480743424.0/9$

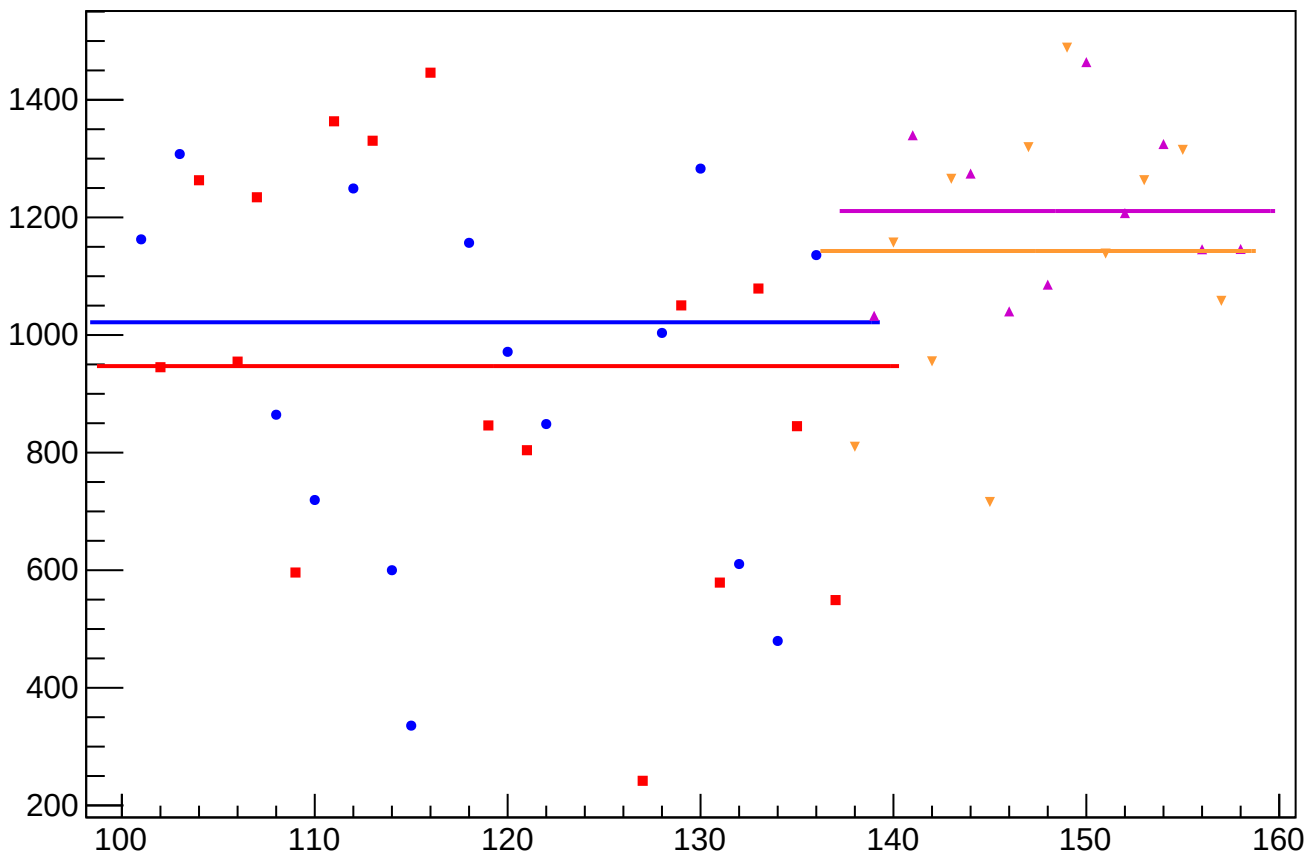
dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000	χ^2/NDF : 1189322999631358431600643692981190131712.0/14
Left Out: 1105.661+/-0.000	χ^2/NDF : 36135436080159968502894168388633886720.0/10
Right Out: 1797.392+/-0.000	χ^2/NDF : 955096623879958195657195074614240215040.0/15
Left In: 1158.136+/-0.000	χ^2/NDF : 31801041493395302798656994340325294080.0/9

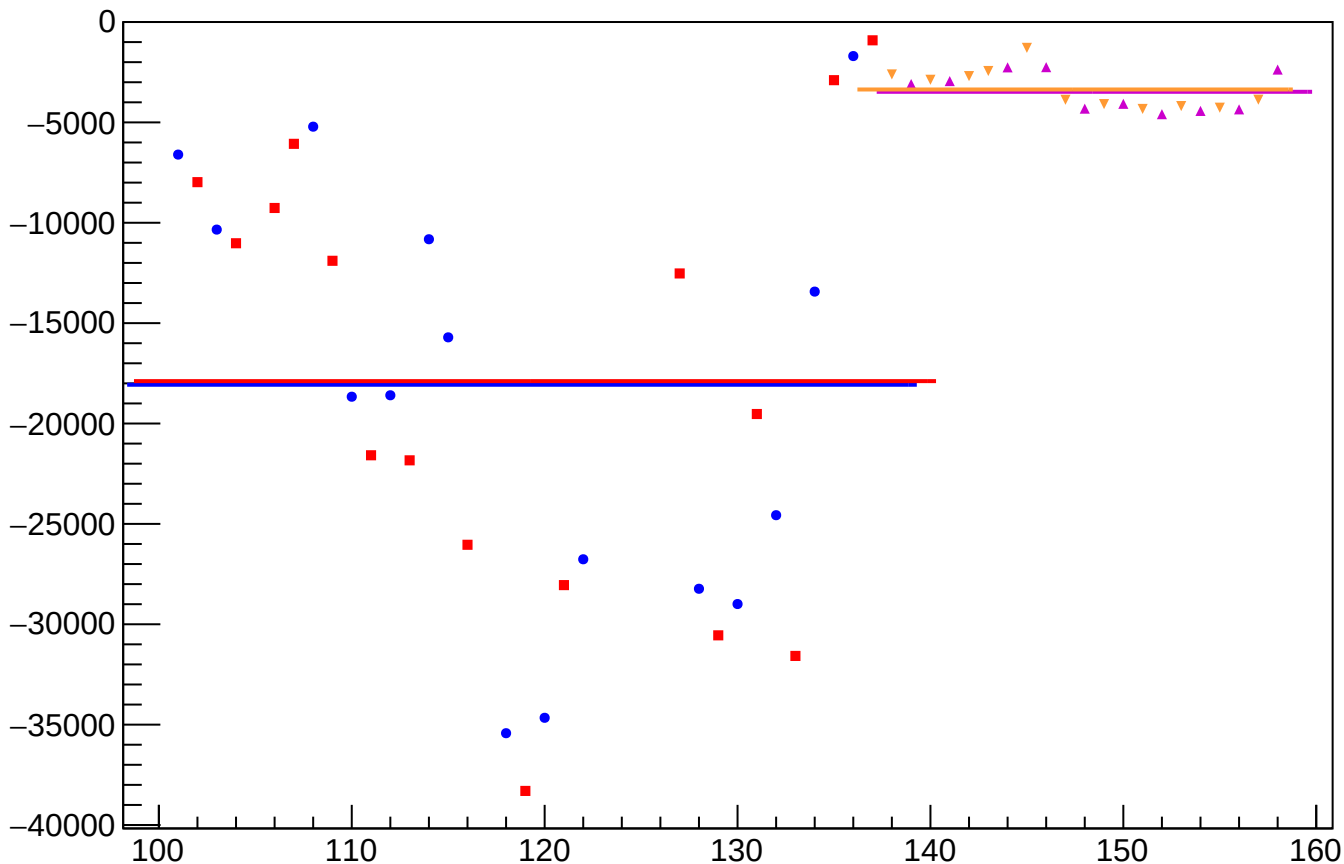
+ sign 1478.278+/-0.000 χ^2/NDF : 14915471485696
 All: 1458.541+/-0.000 χ^2/NDF : 26323152983
 - sign 1439.206+/-0.000 χ^2/NDF : 11396221582457

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14

Left Out: -3361.109+/-0.000 χ^2/NDF : 770097860619529300232360309031650197504.0/10

Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15

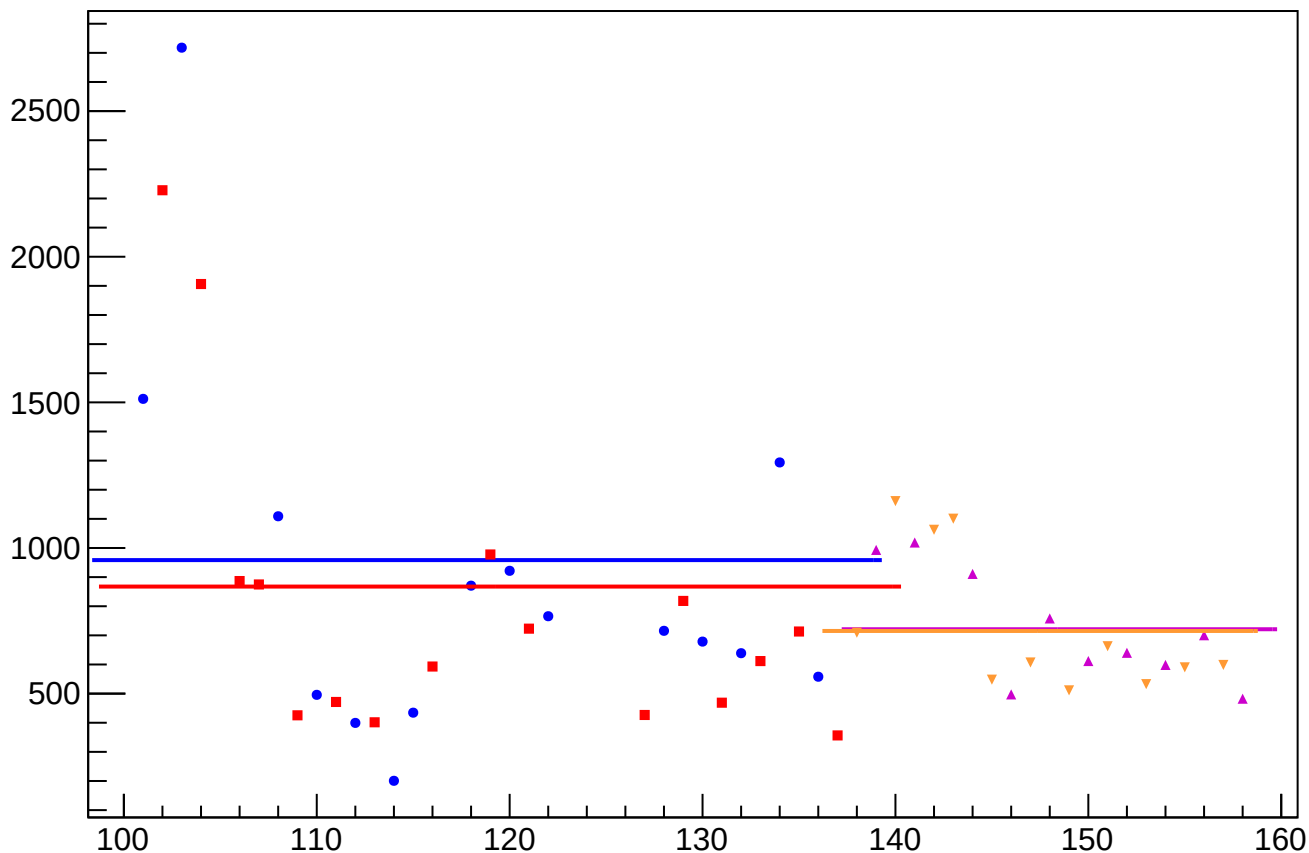
Left In: -3475.849+/-0.000 χ^2/NDF : 734455058715453822291773713265138335744.0/9

+ sign -9784.480+/-0.000 χ^2/NDF : 1641547740307

All: -9798.736+/-0.000 χ^2/NDF : 3209250616

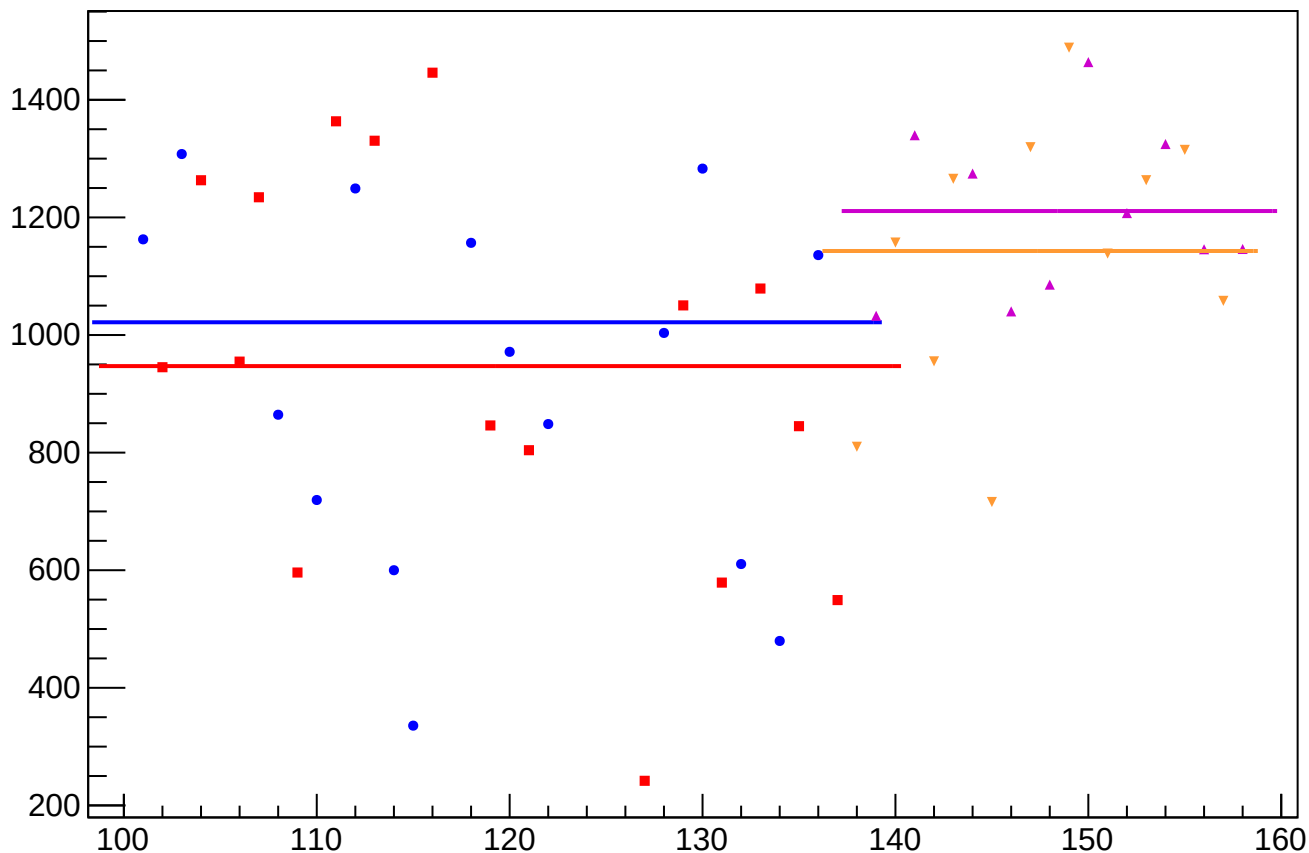
- sign -9812.700+/-0.000 χ^2/NDF : 15676968978417

dit_sam3_coil7_err_mean vs Slug



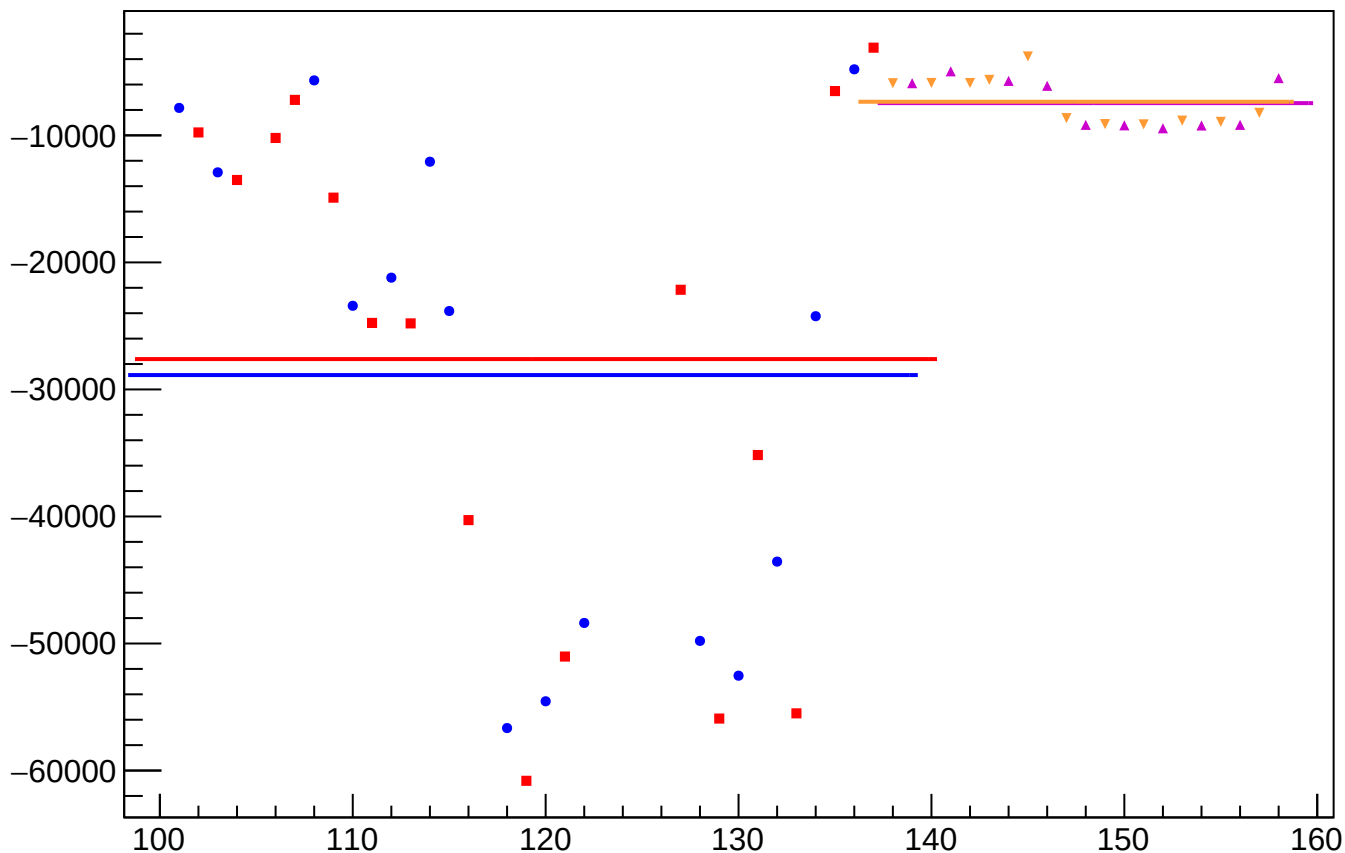
Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14
 Left Out: 715.134+/-0.000 χ^2/NDF : 43849069803170948769744946357409415168.0/10
 Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15
 Left In: 721.017+/-0.000 χ^2/NDF : 28659436107170267699680962056296595456.0/9

dit_sam3_coil7_Ndata_mean vs Slug



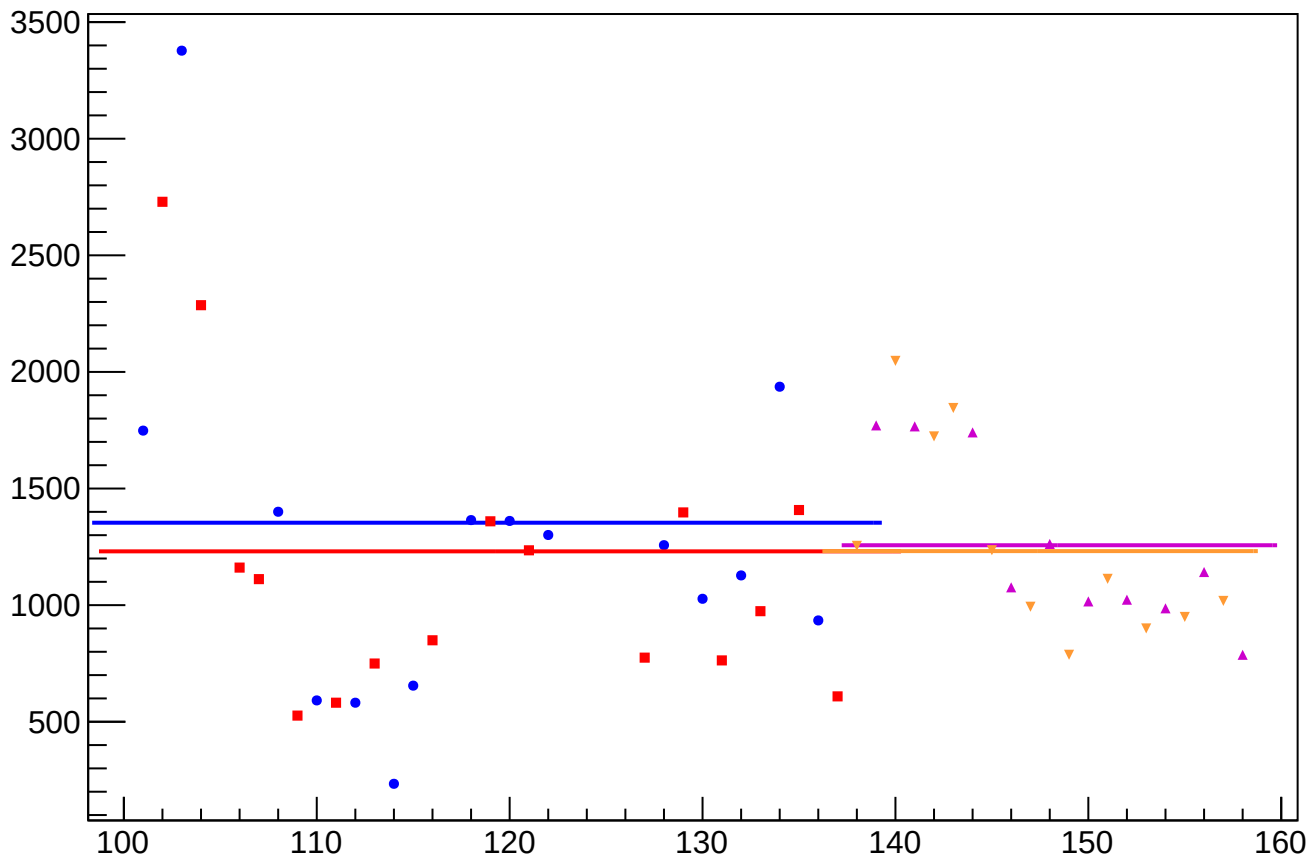
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

dit_sam4_coil7_mean vs Slug



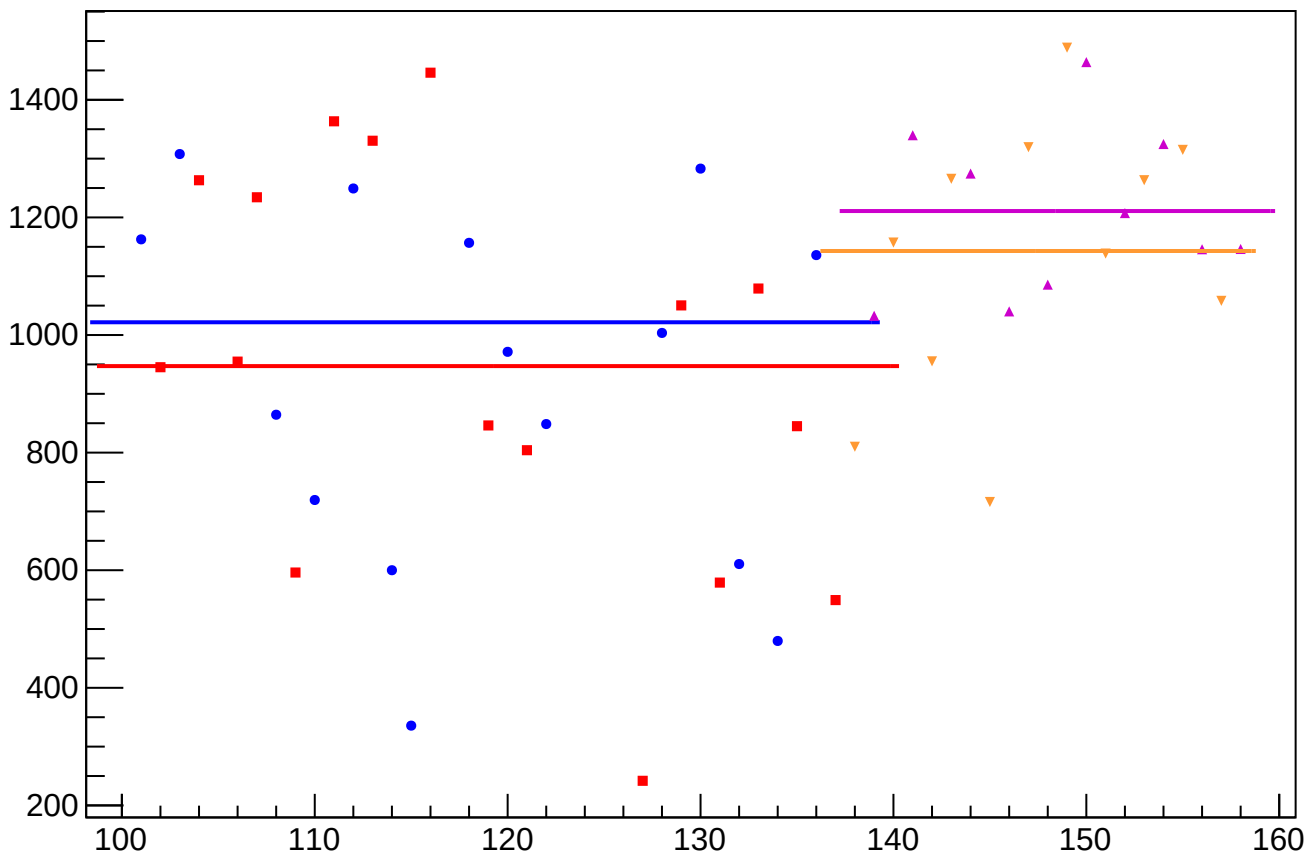
Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7355.073+/-0.000 χ^2/NDF : 2754696946960711468473041899107127394304.0/10
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7461.910+/-0.000 χ^2/NDF : 2847324209228022758547868591918443134976.0/9

dit_sam4_coil7_err_mean vs Slug



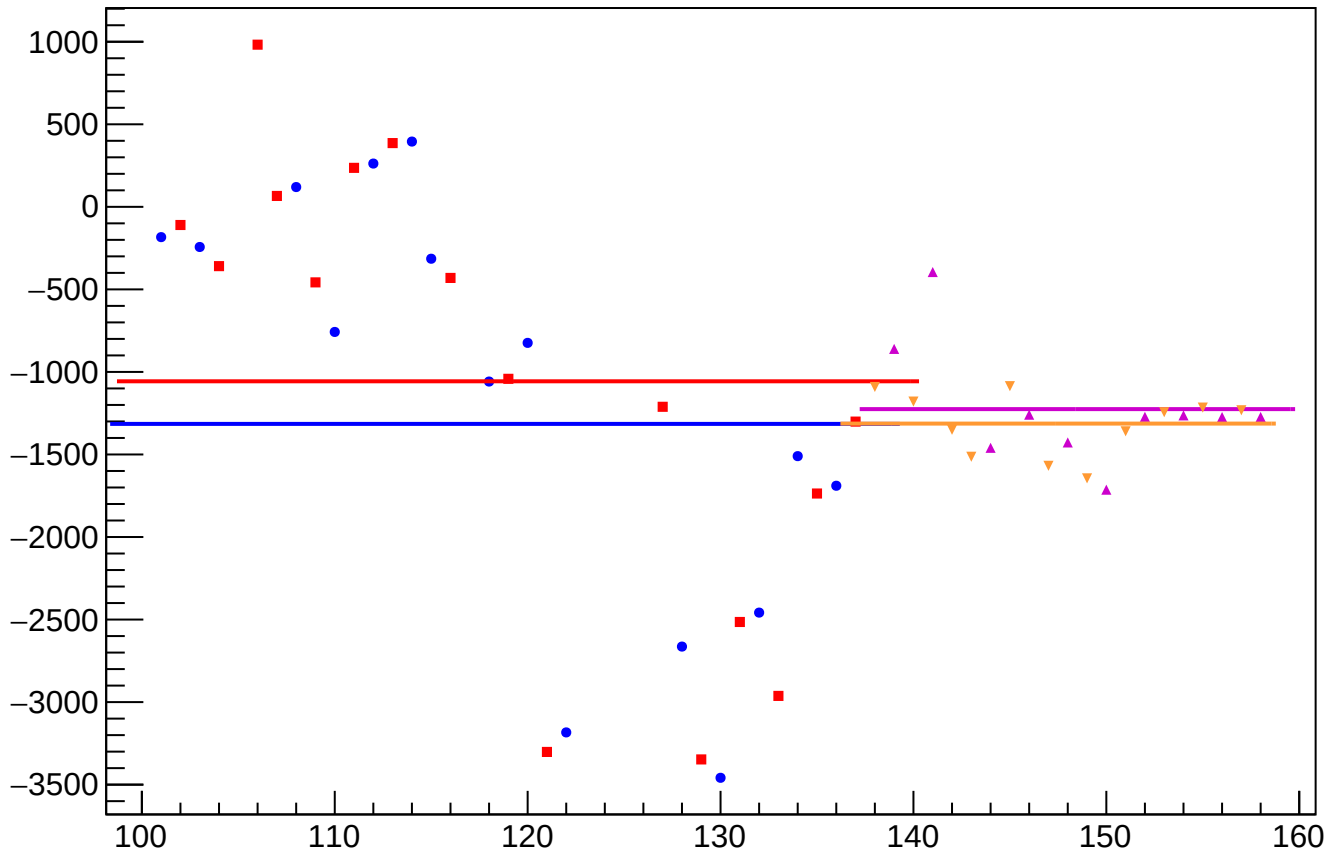
Right In: 1353.413 $\pm$ 0.000 χ^2 /NDF: 352887966702770713373861839880553758720.0/14
 Left Out: 1231.668 $\pm$ 0.000 χ^2 /NDF: 132406123285356820900393676494044397568.0/10
 Right Out: 1230.633 $\pm$ 0.000 χ^2 /NDF: 276989454129150005656872744539903754240.0/15
 Left In: 1256.852 $\pm$ 0.000 χ^2 /NDF: 102471467388201152343548562649441632256.0/9

dit_sam4_coil7_Ndata_mean vs Slug



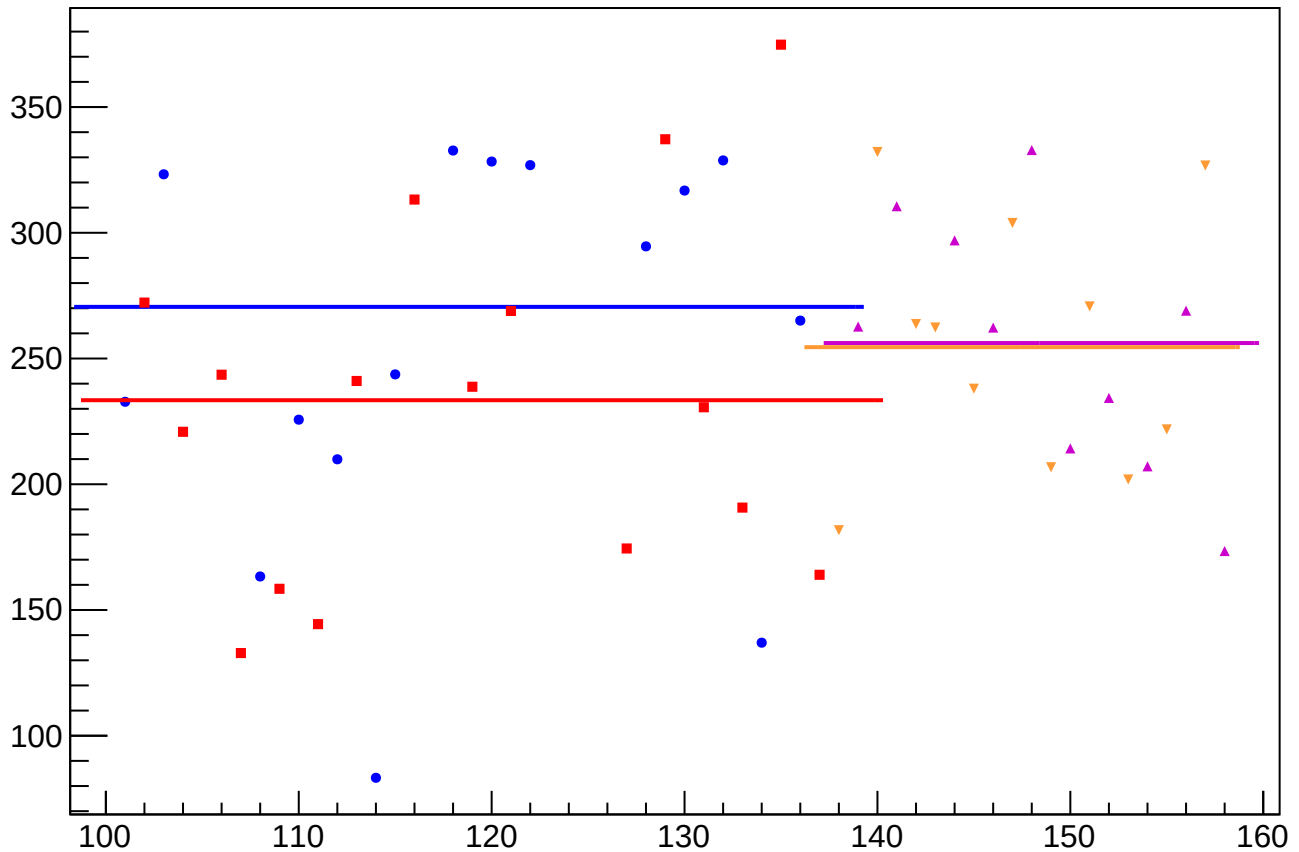
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1312.941 ± 0.000 χ^2/NDF : 28407961073437576527687437704738373632.0/10
 Right Out: -1056.765 ± 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: -1225.245 ± 0.000 χ^2/NDF : 100146411362185935884404755586451767296.0/9

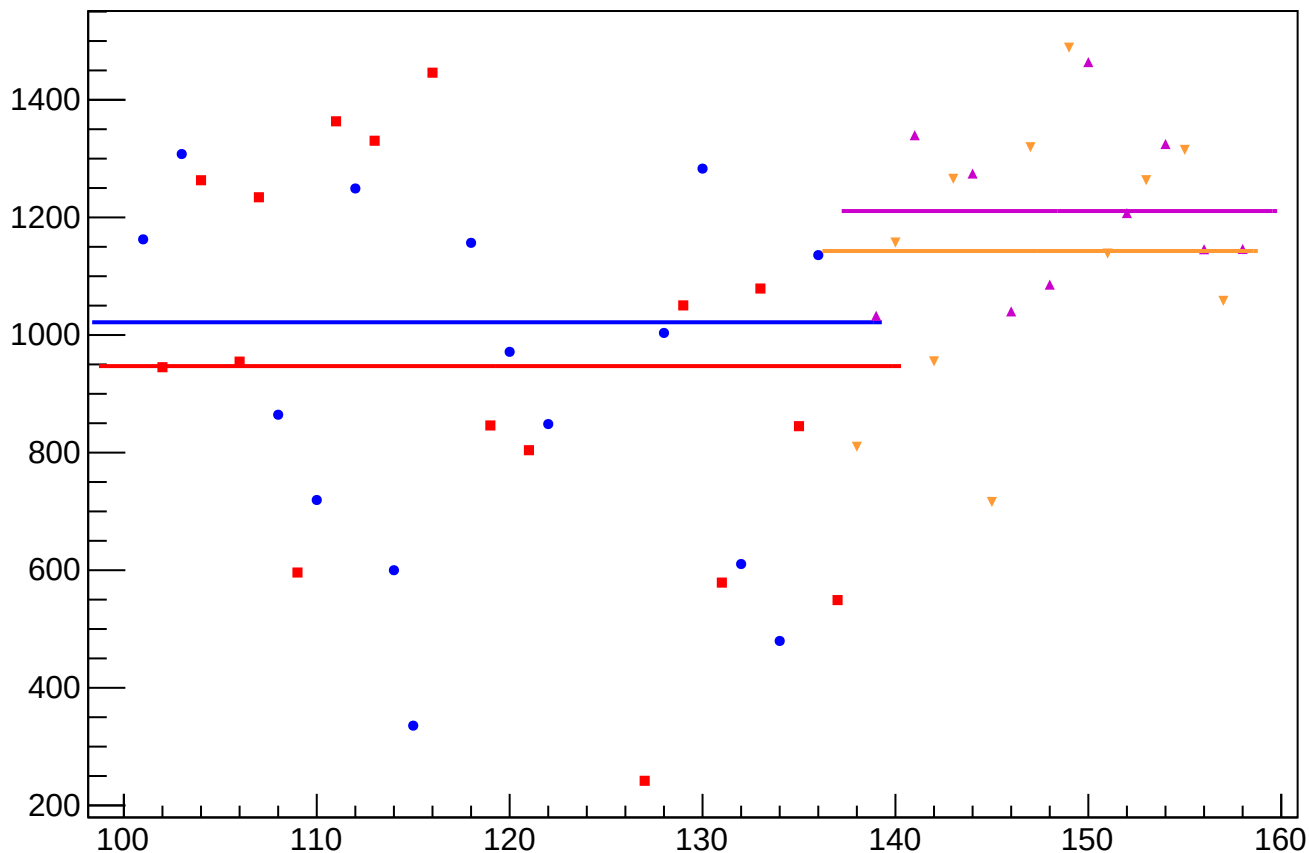
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 254.517+/-0.000	χ^2/NDF : 2072503663694453806886167996388081664.0/10
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 256.156+/-0.000	χ^2/NDF : 1884029289597737409901063282500829184.0/9

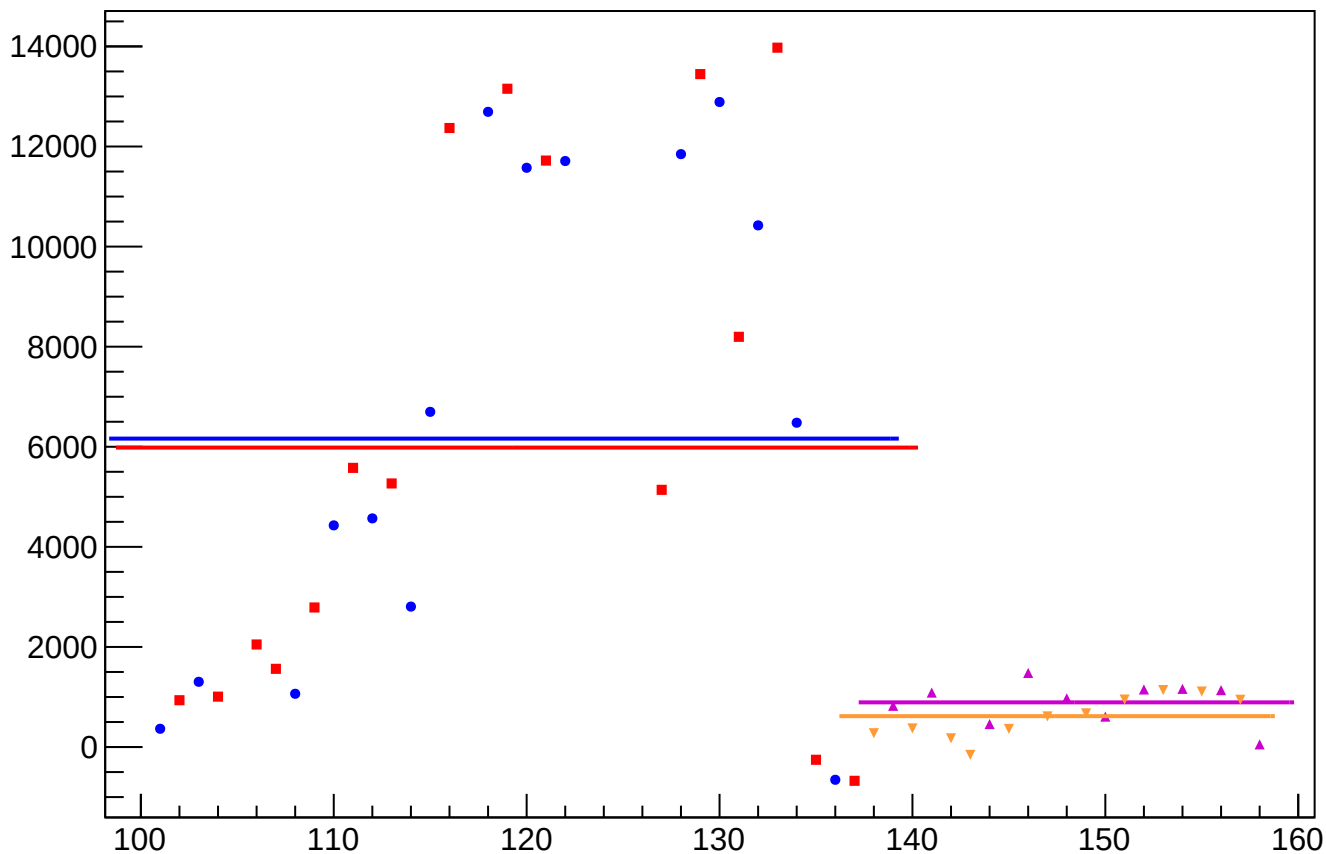
+ sign 261.514+/-0.000 χ^2/NDF : 464017749077349
 All: 253.757+/-0.000 χ^2/NDF : 994287862740
 - sign 246.160+/-0.000 χ^2/NDF : 512572733048630

dit_sam5_coil7_Ndata_mean vs Slug



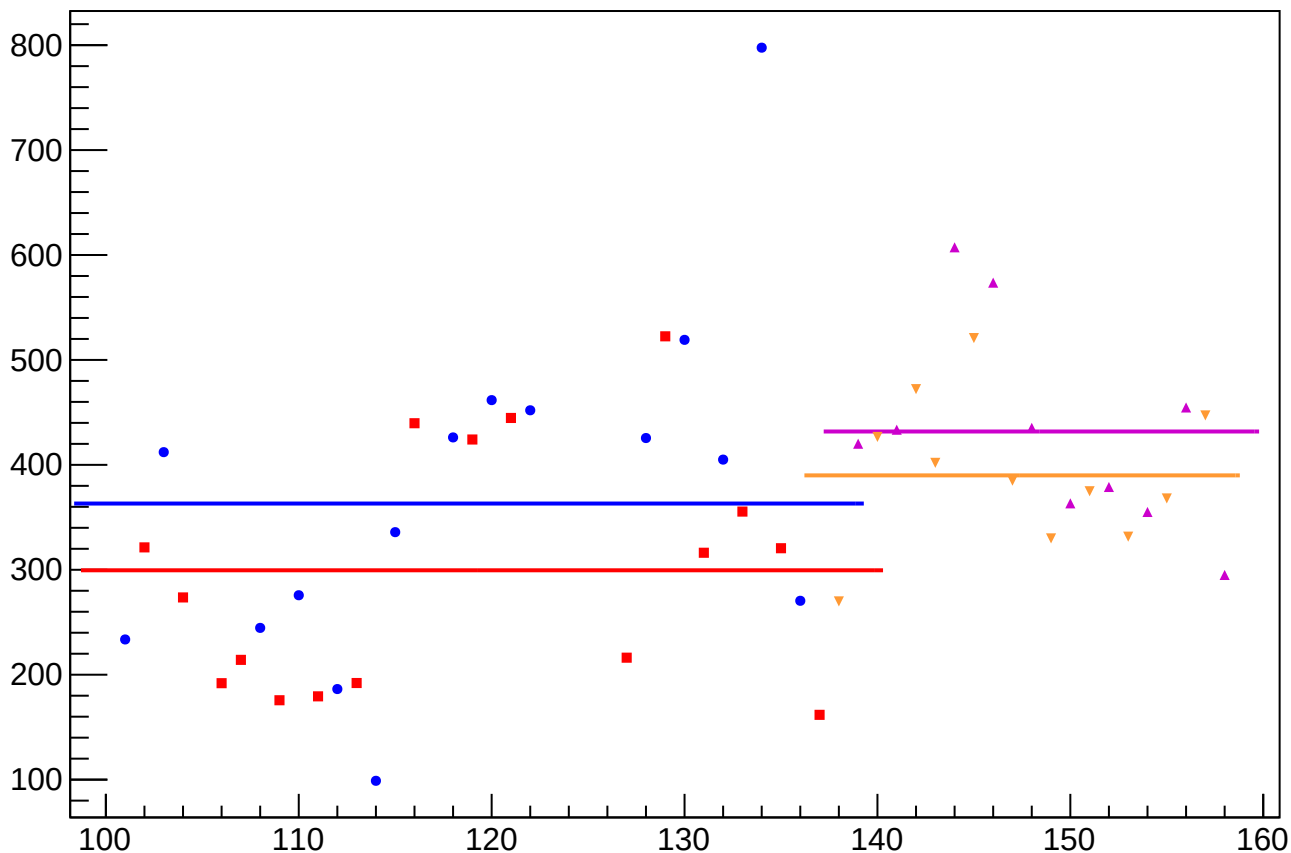
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 616.971+/-0.000 χ^2/NDF : 127969659867619095228897349830170378240.0/10
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 892.959+/-0.000 χ^2/NDF : 131047755249789686641121815372949880832.0/9

dit_sam6_coil7_err_mean vs Slug



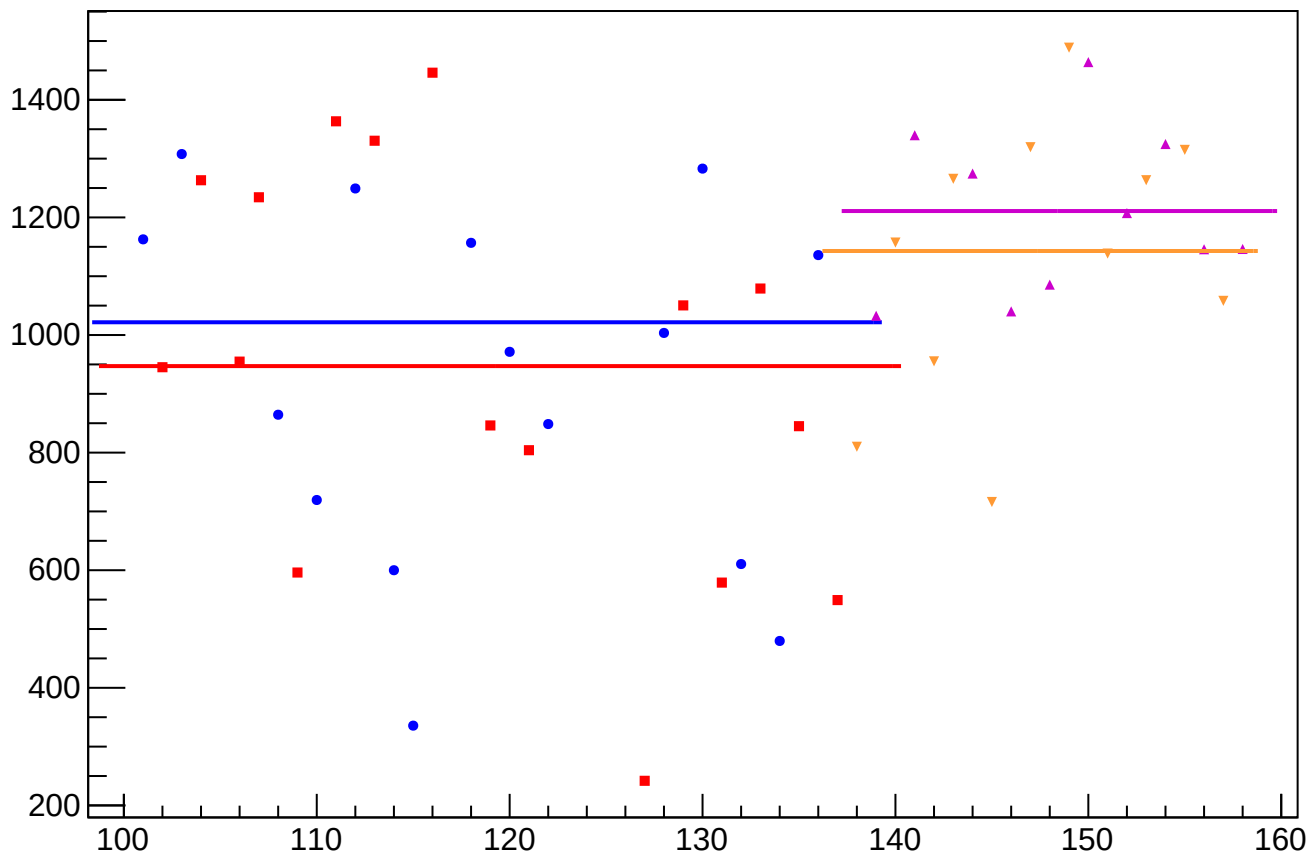
Right In: 363.133 ± 0.000 $\chi^2/\text{NDF}: 11502791697076456426435998277995331584.0/14$

Left Out: 389.976 ± 0.000 $\chi^2/\text{NDF}: 3851702248732199920149246934291316736.0/10$

Right Out: 299.514 ± 0.000 $\chi^2/\text{NDF}: 7685497318744225218354652828984672256.0/15$

Left In: 431.792 ± 0.000 $\chi^2/\text{NDF}: 7174063216478027142847440351737675776.0/9$

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1142.908+/-0.000 χ^2/NDF : 42694917457780139943000905132443435008.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

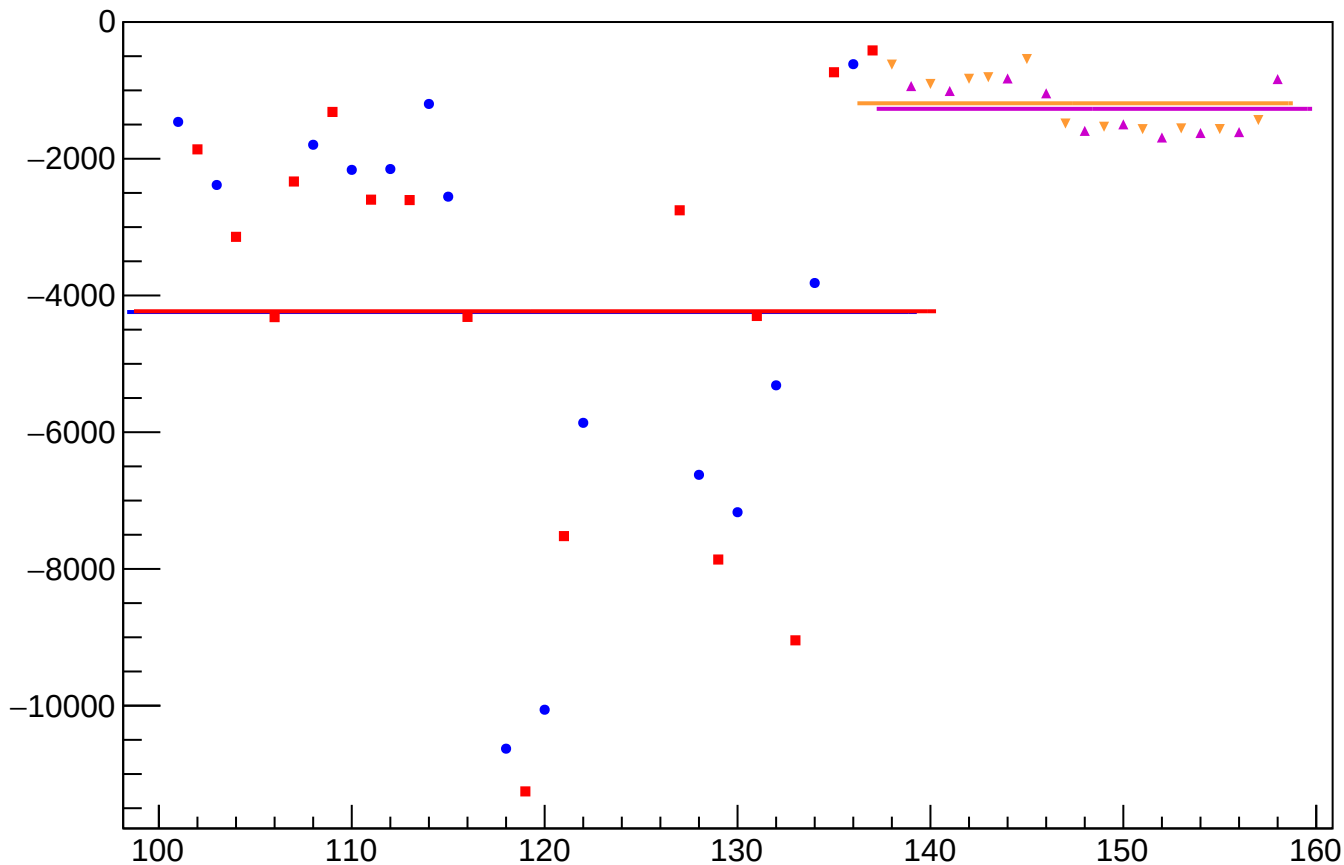
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

+ sign 1089.964+/-0.000 χ^2/NDF : 88559915875439

All: 1092.463+/-0.000 χ^2/NDF : 19810393678

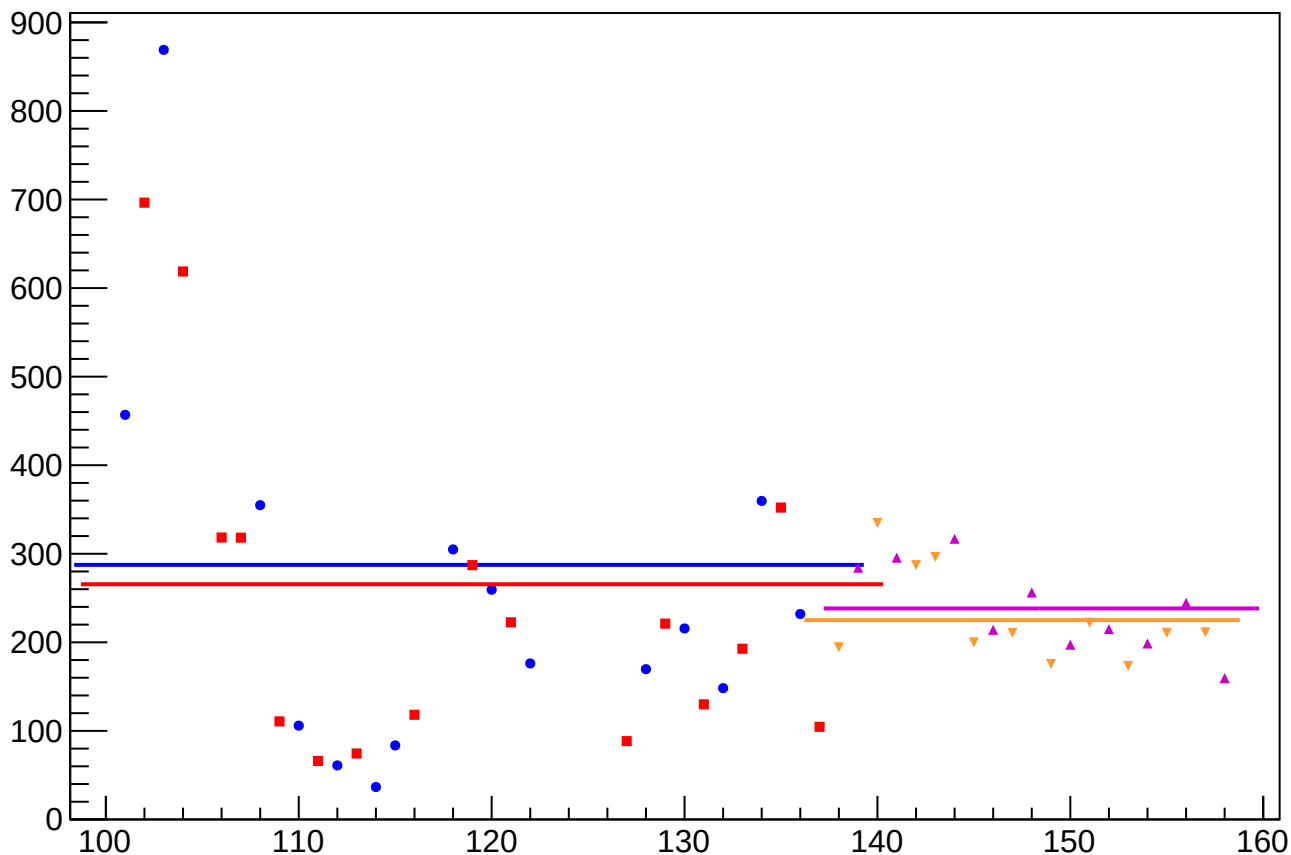
- sign 1094.910+/-0.000 χ^2/NDF : 10952565721383

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -1188.866+/-0.000 χ^2/NDF : 136396137192383134140787484142677786624.0/10
 Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: -1269.859+/-0.000 χ^2/NDF : 101084733468651332171015254008762728448.0/9

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 225.127+/-0.000 χ^2/NDF : 2109584686239323933872904222845960192.0/10

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

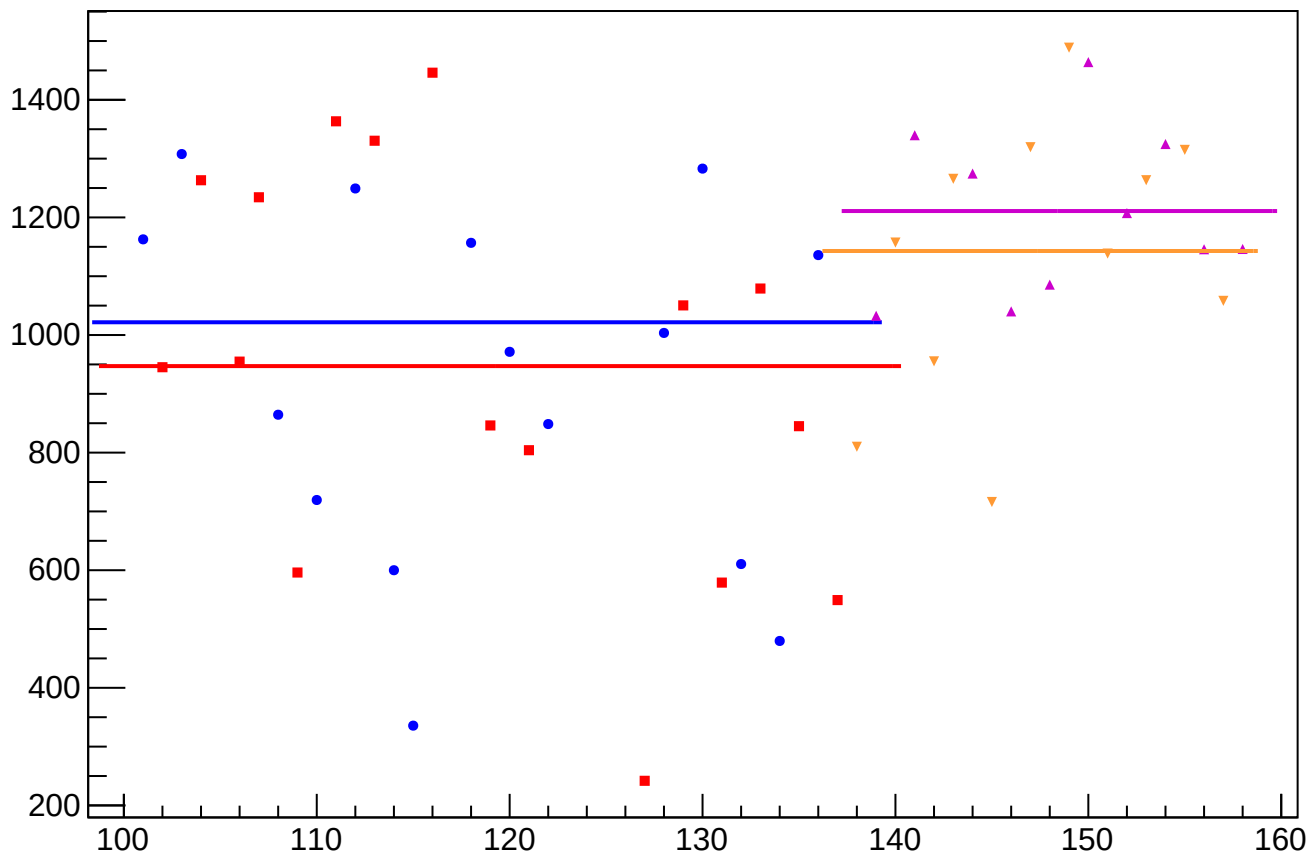
Left In: 238.254+/-0.000 χ^2/NDF : 1920939642560723375931474619937062912.0/9

+ sign 252.350+/-0.000 χ^2/NDF : 330469567000451

All: 251.302+/-0.000 χ^2/NDF : 610937167042

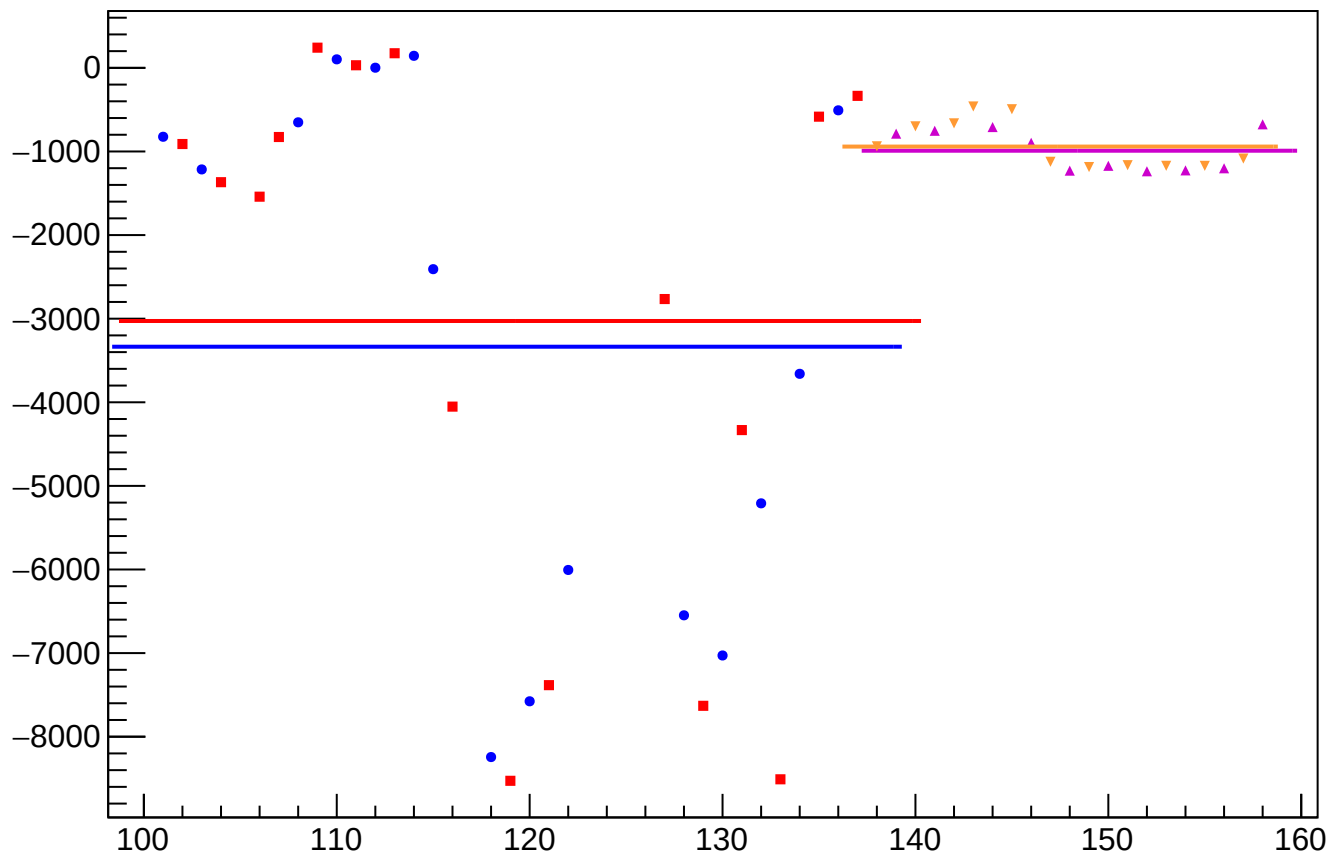
- sign 250.275+/-0.000 χ^2/NDF : 280435263103515

dit_sam7_coil7_Ndata_mean vs Slug



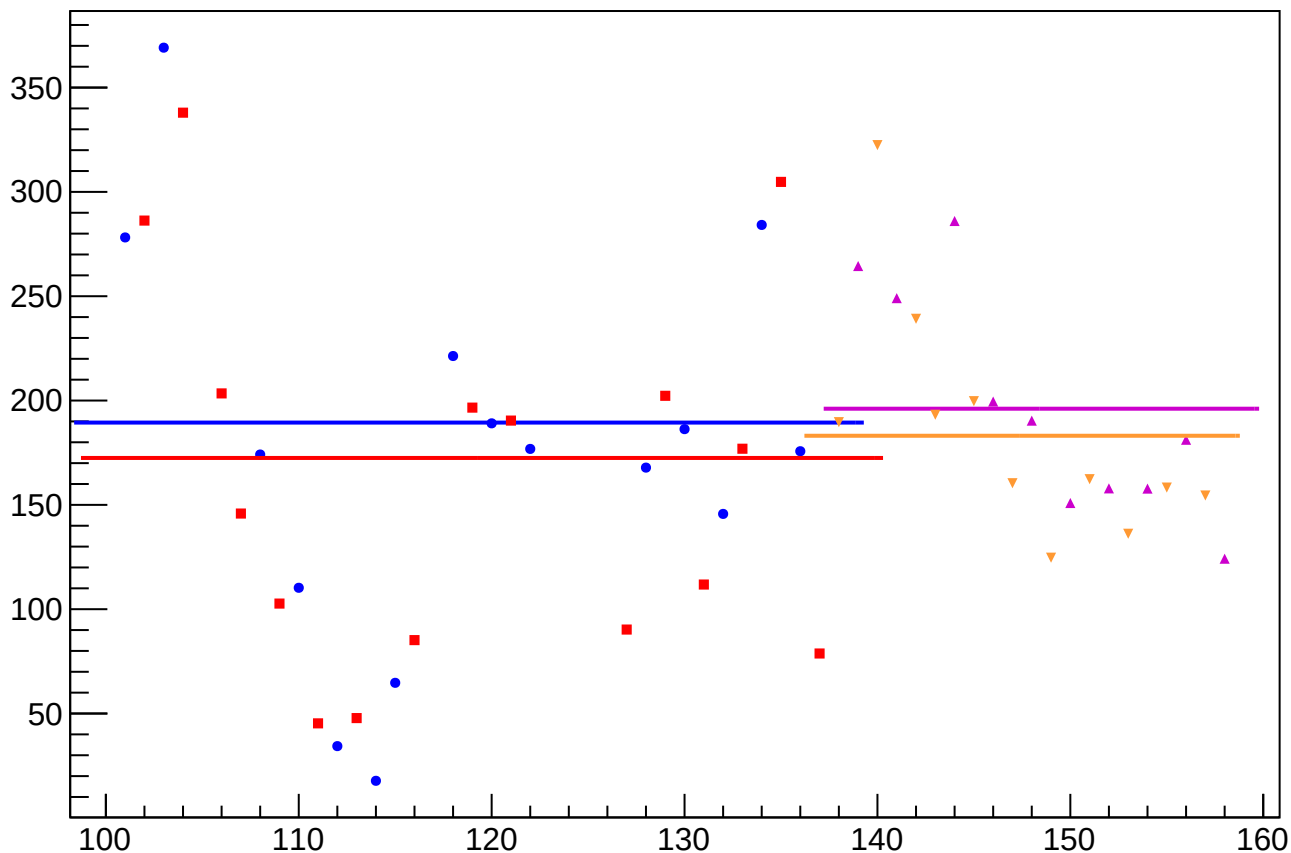
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

dit_sam8_coil7_mean vs Slug



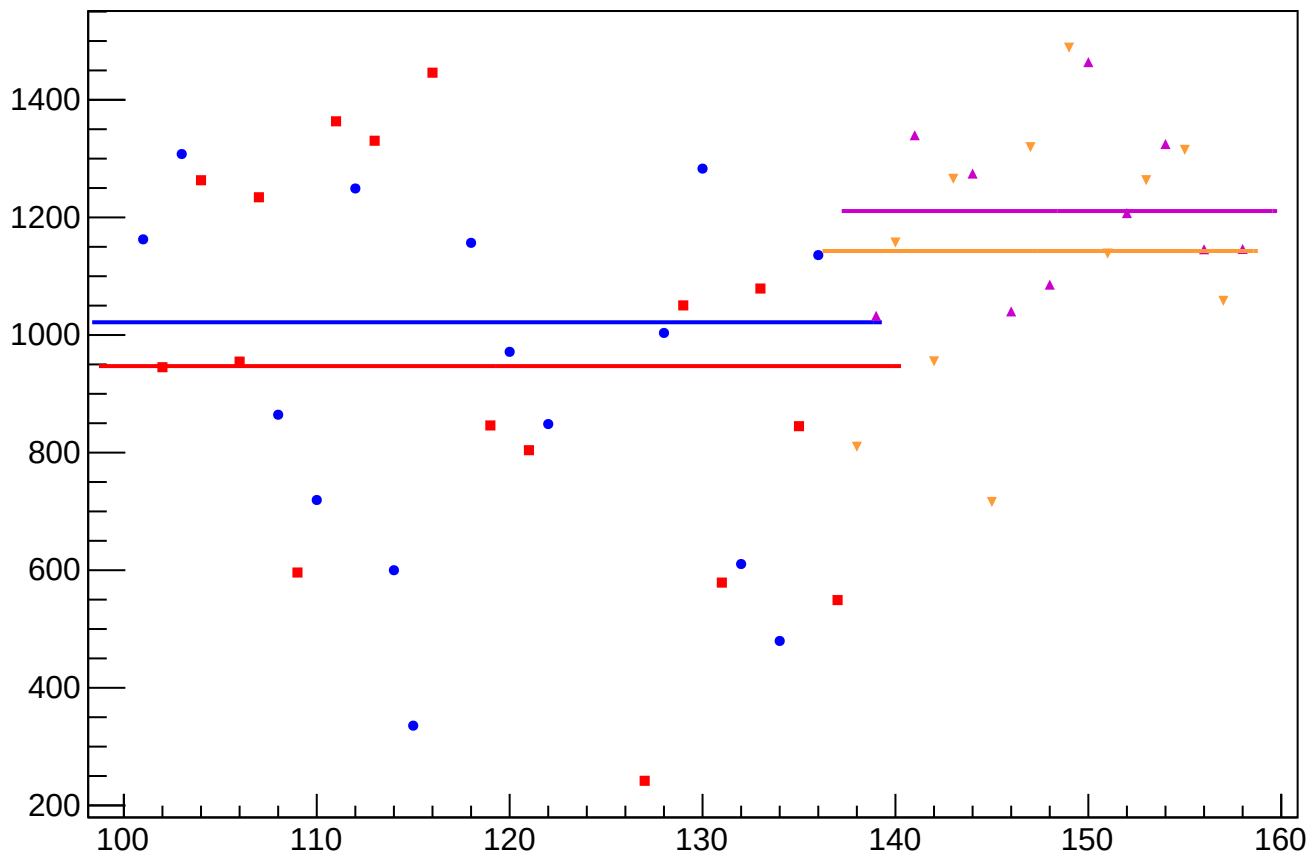
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -941.418+/-0.000 χ^2/NDF : 61734594895079819824217145221585043456.0/10
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -991.040+/-0.000 χ^2/NDF : 45614304347382259427147211459432284160.0/9

dit_sam8_coil7_err_mean vs Slug



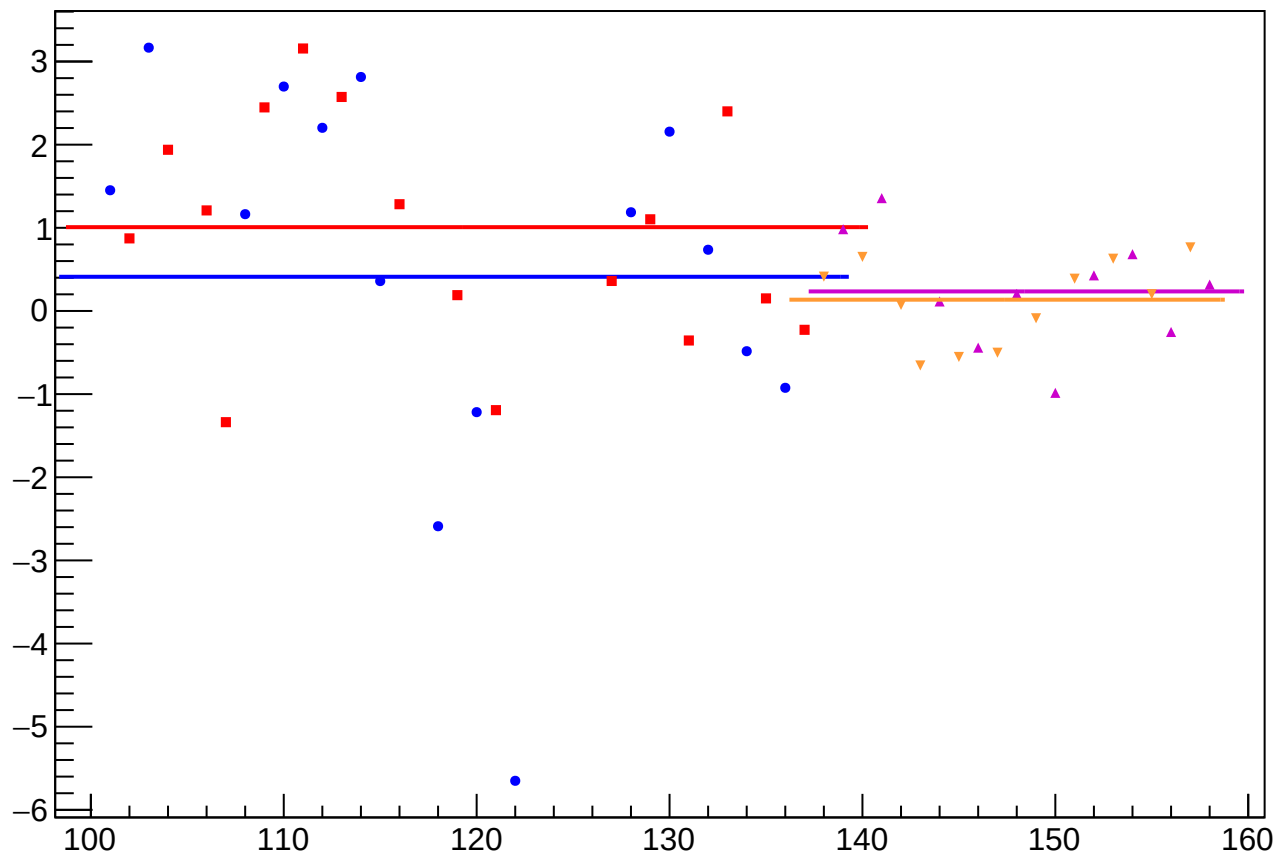
Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14
 Left Out: 183.124 $\pm$ 0.000 χ^2 /NDF: 2430285737447217933229065157042241536.0/10
 Right Out: 172.485 $\pm$ 0.000 χ^2 /NDF: 5594813408996728261938711470404534272.0/15
 Left In: 196.090 $\pm$ 0.000 χ^2 /NDF: 2220930284767266763162375565934067712.0/9

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964+/-0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908+/-0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1092.463+/-0.000	χ^2/NDF : 19810393678
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1094.910+/-0.000	χ^2/NDF : 10952565721383
Left In: 1210.862+/-0.000	χ^2/NDF : 15749271183228525581810721748649246720.0/9		

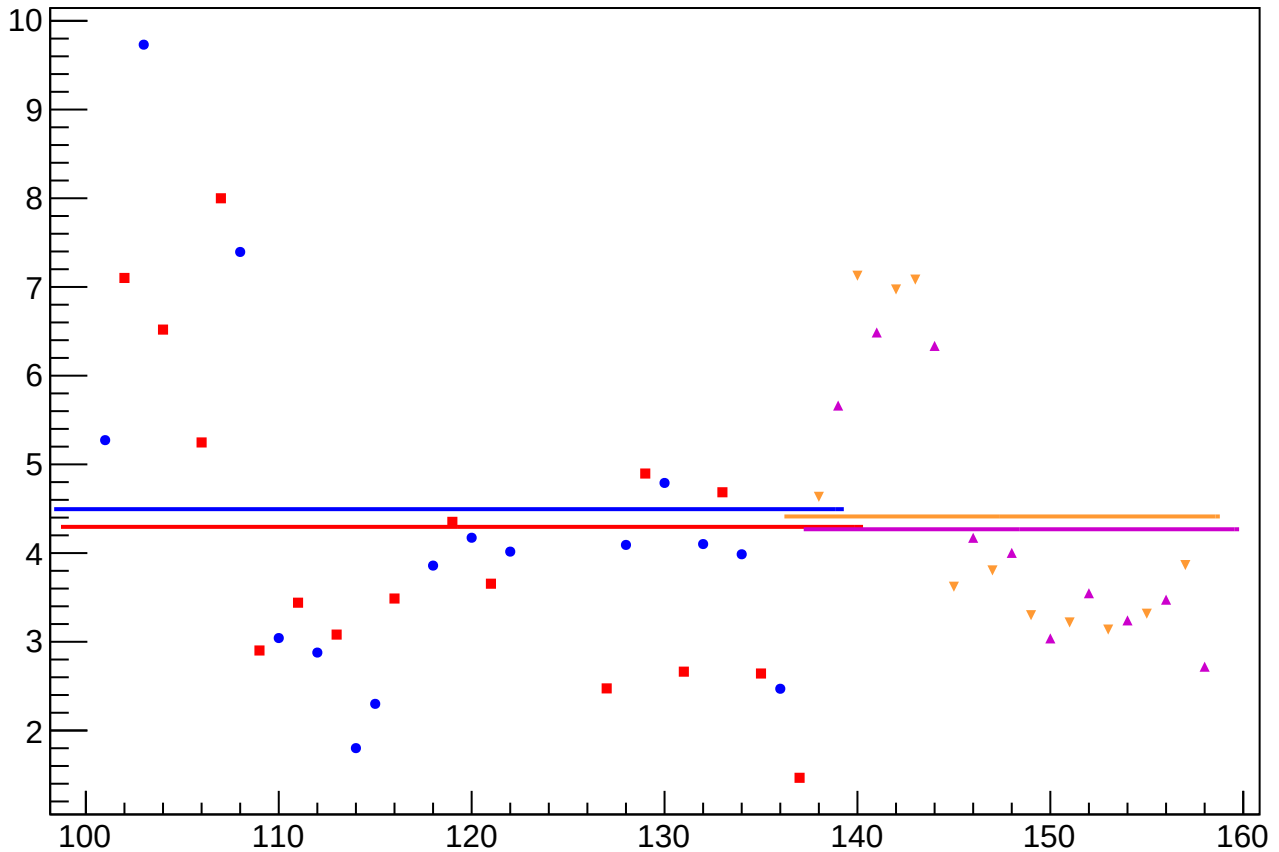
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: 0.136+/-0.000	χ^2/NDF : 201308390676587322266139385397248.0/10
Right Out: 1.008+/-0.000	χ^2/NDF : 1128402228144096394498047410700288.0/15
Left In: 0.235+/-0.000	χ^2/NDF : 36769928581260064653260611387392.0/9

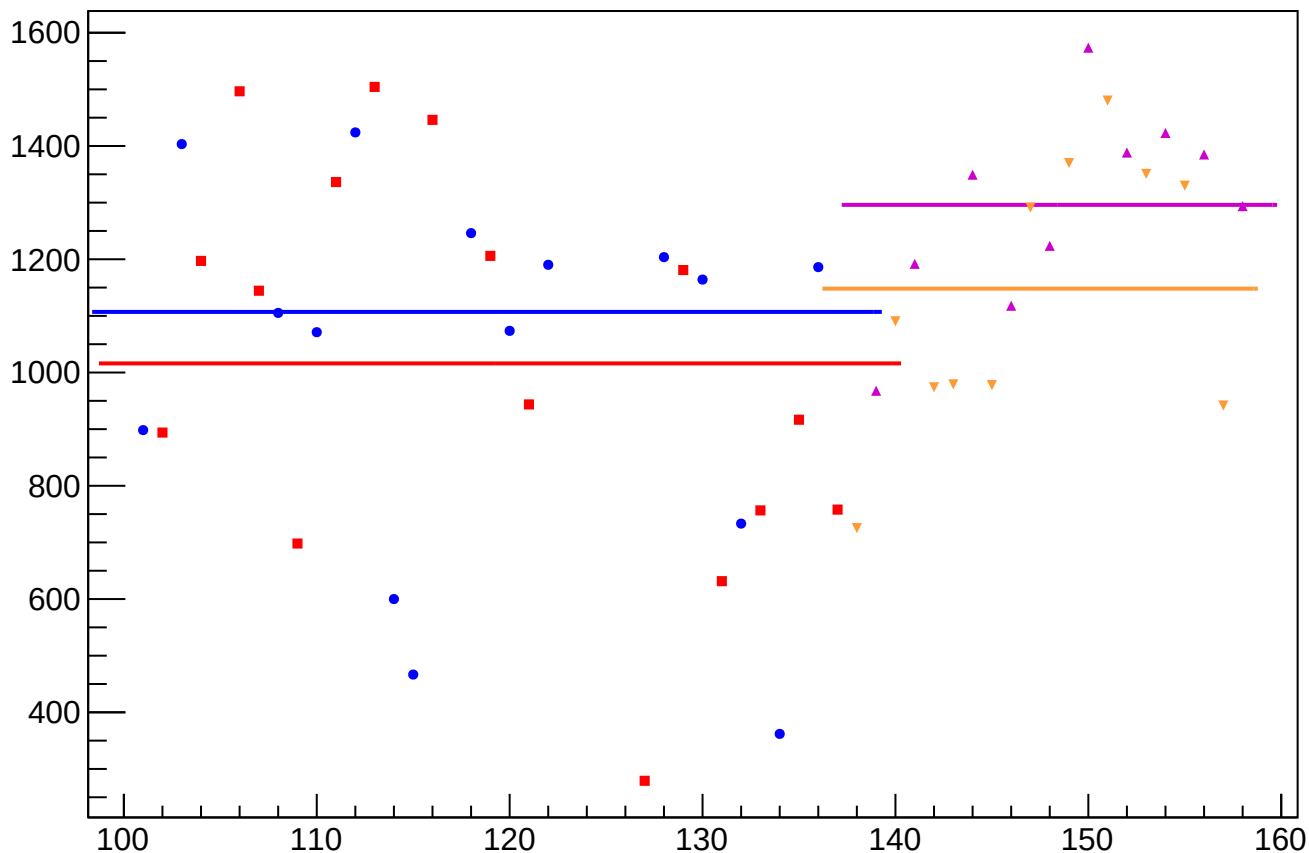
+ sign 0.256+/-0.000 χ^2/NDF : 36146522902386802
 All: 0.417+/-0.000 χ^2/NDF : 5410281859025
 - sign 0.575+/-0.000 χ^2/NDF : 17193048140682654

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.413+/-0.000 χ^2/NDF : 1938439959859318843378107416576000.0/10
 Right Out: 4.296+/-0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.269+/-0.000 χ^2/NDF : 1484586939815516098274346070441984.0/9

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

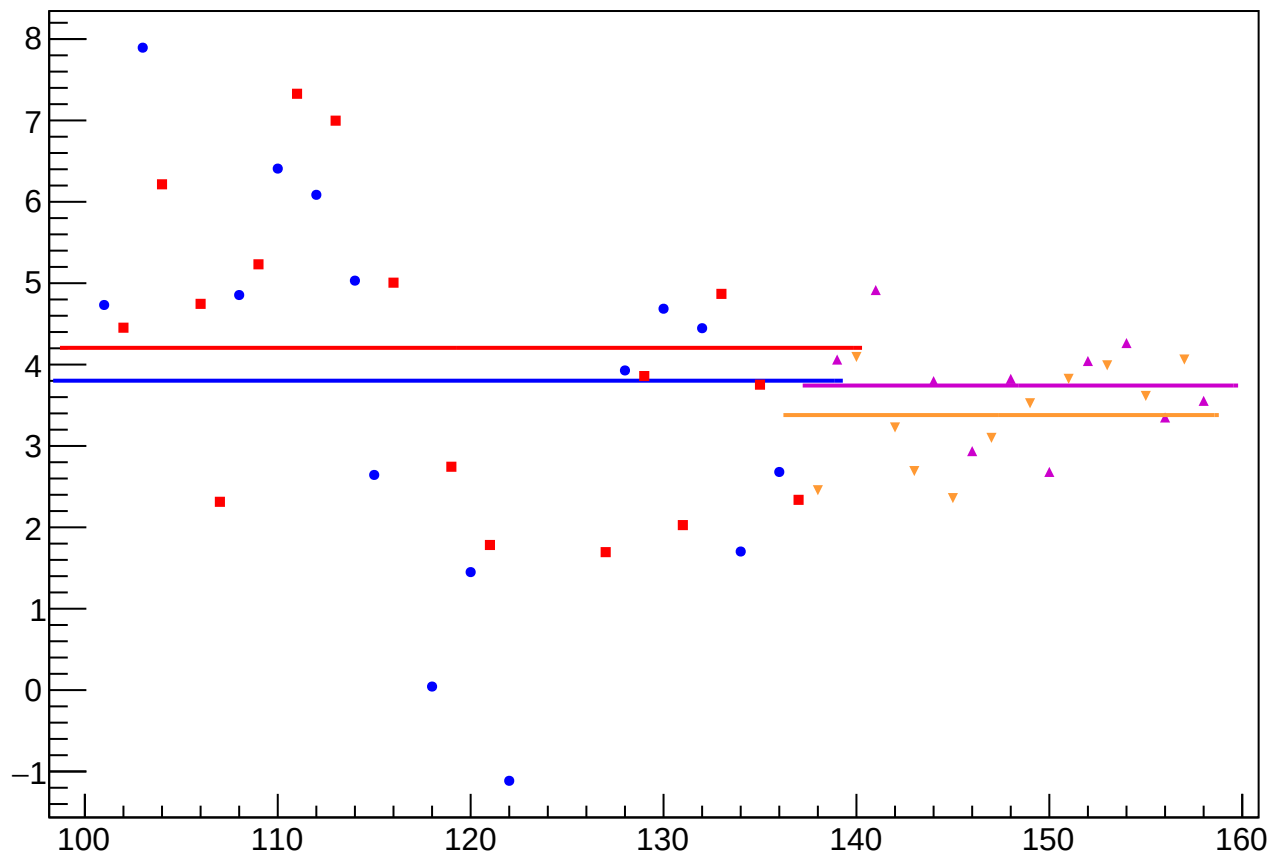
Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1130.179+/-0.000 χ^2/NDF : 84853376247429
 All: 1151.788+/-0.000 χ^2/NDF : 21087408015
 - sign 1172.955+/-0.000 χ^2/NDF : 12464716969780

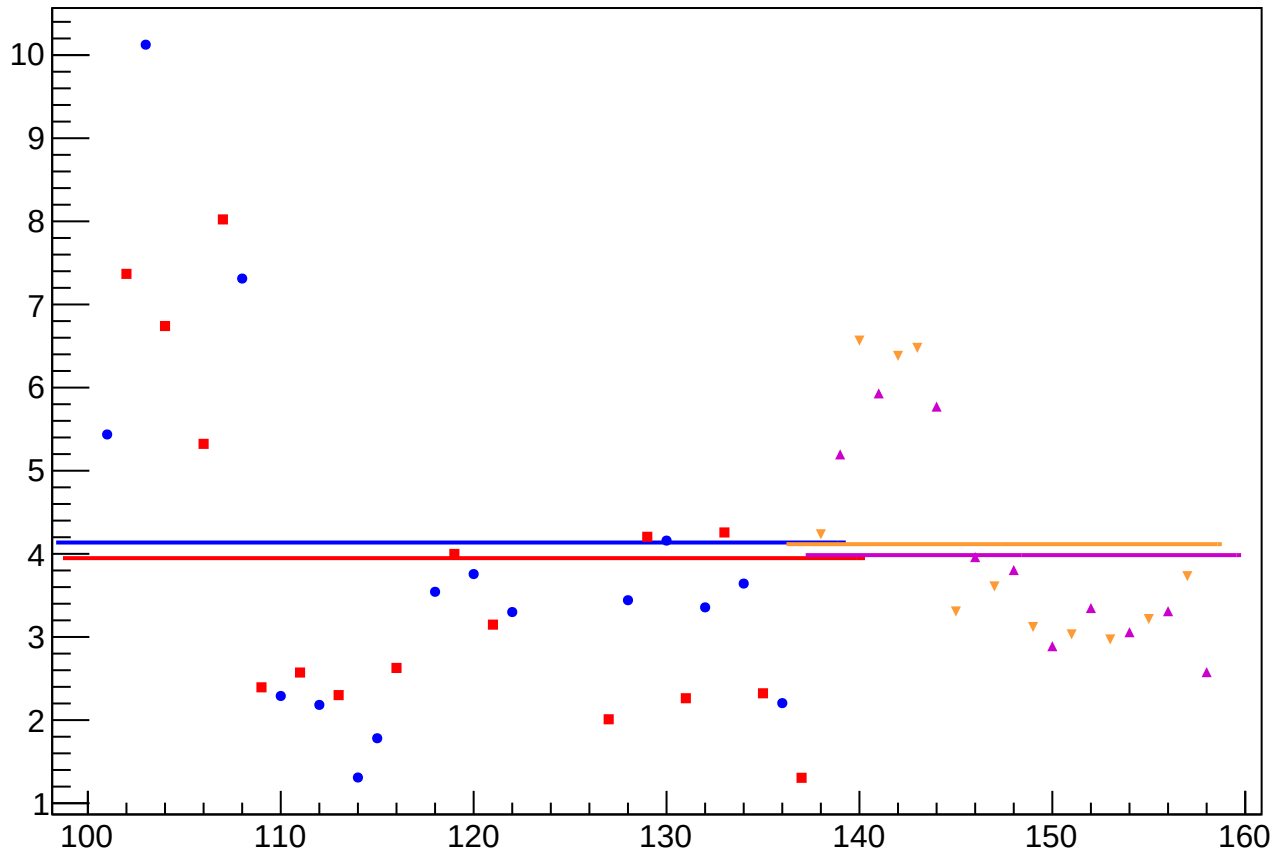
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.380+/-0.000	χ^2/NDF : 321604989674516547651872017612800.0/10
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.742+/-0.000	χ^2/NDF : 329928469564938674321277168123904.0/9

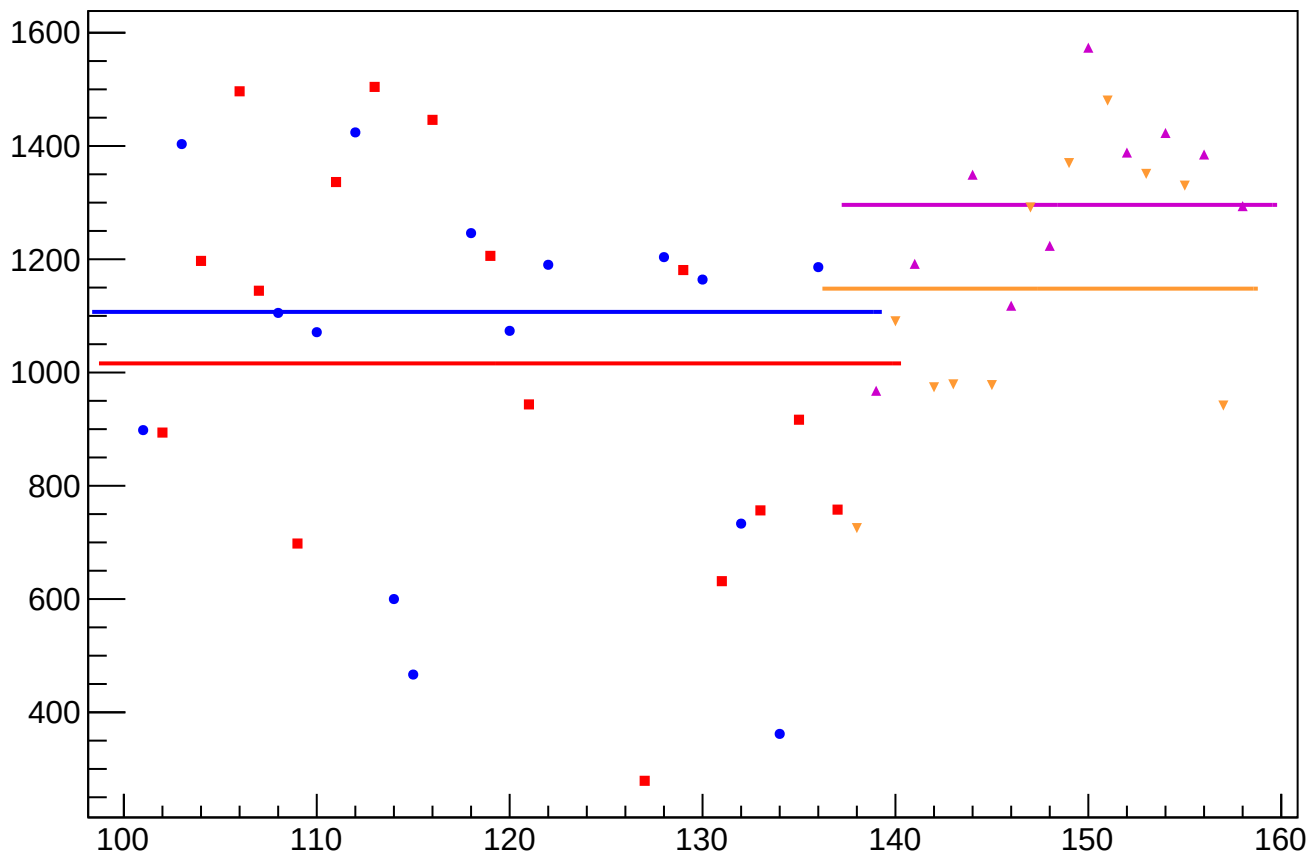
+ sign 3.564+/-0.000 χ^2/NDF : 41822872106085969
 All: 3.757+/-0.000 χ^2/NDF : 67984176401772
 - sign 3.946+/-0.000 χ^2/NDF : 25065458857591932

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000	χ^2/NDF : 3507600624388663919898505496231936.0/14	+ sign 4.125+/-0.000	χ^2/NDF : 50458365945588619
Left Out: 4.117+/-0.000	χ^2/NDF : 1538091509595069497501778777735168.0/10	All: 4.046+/-0.000	χ^2/NDF : 8880416725833
Right Out: 3.948+/-0.000	χ^2/NDF : 2670176783942302028345551100051456.0/15	- sign 3.969+/-0.000	χ^2/NDF : 38162055479843491
Left In: 3.985+/-0.000	χ^2/NDF : 1145536065762958556872020890484736.0/9		

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

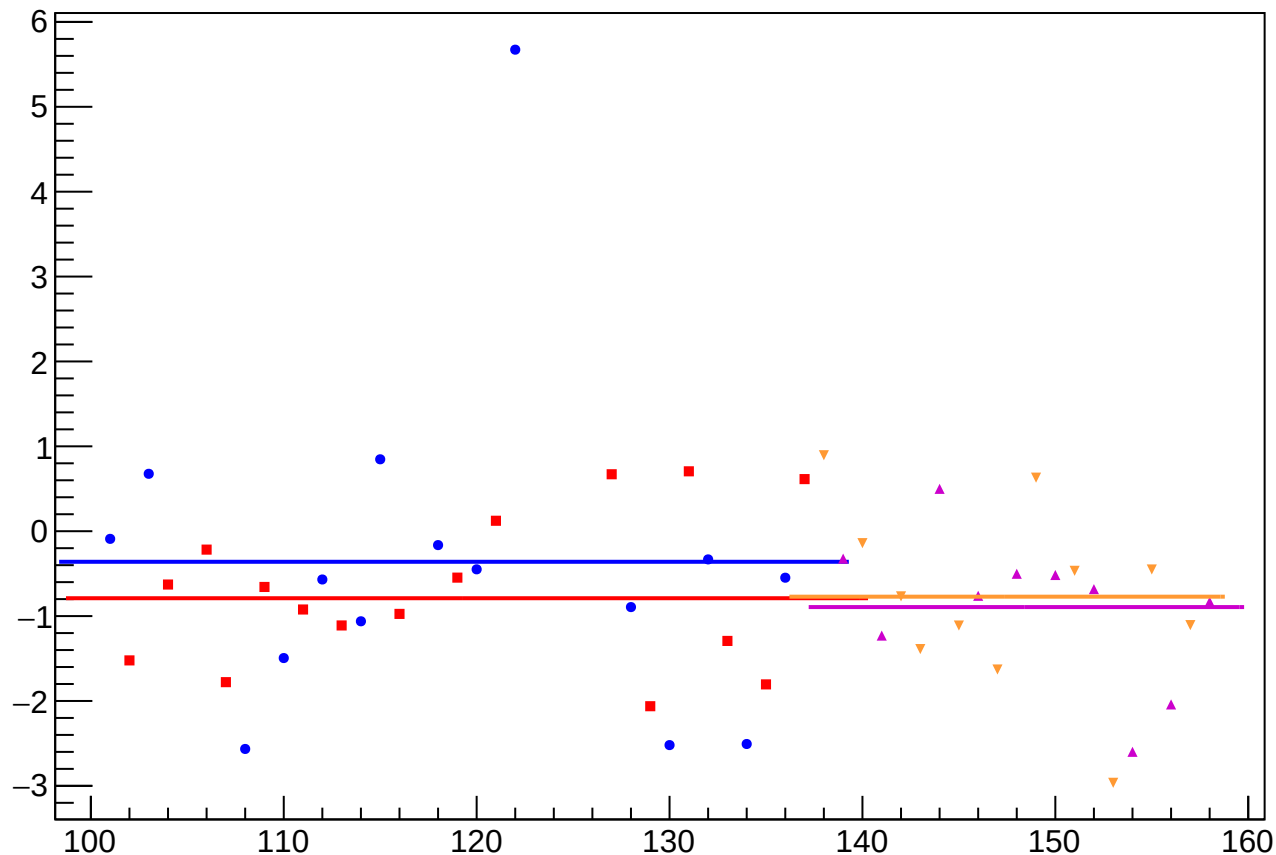
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1130.179+/-0.000 χ^2/NDF : 84853376247429

All: 1151.788+/-0.000 χ^2/NDF : 21087408015

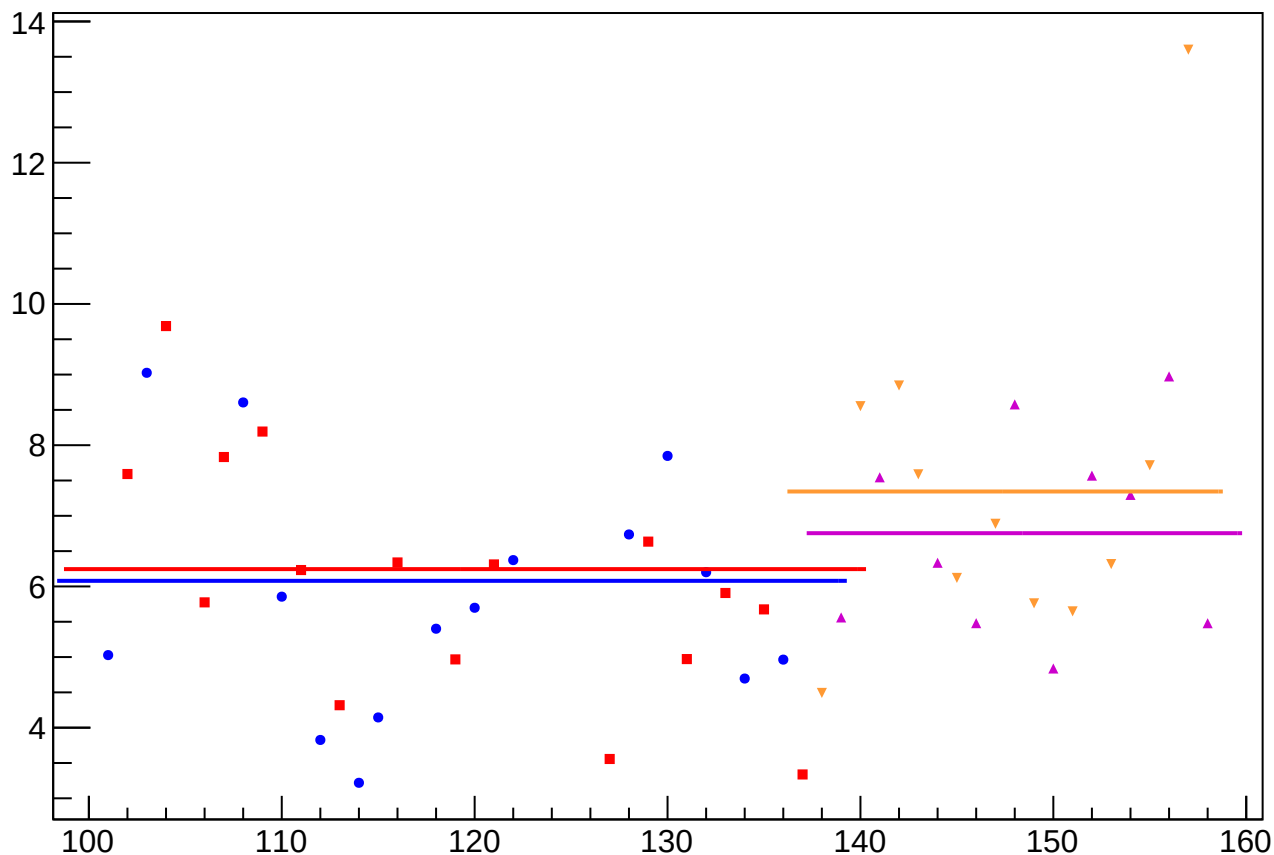
- sign 1172.955+/-0.000 χ^2/NDF : 12464716969780

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: -0.771+/-0.000 χ^2/NDF : 939568964537488529548212470546432.0/10
 Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: -0.894+/-0.000 χ^2/NDF : 604329436651456131310436065738752.0/9

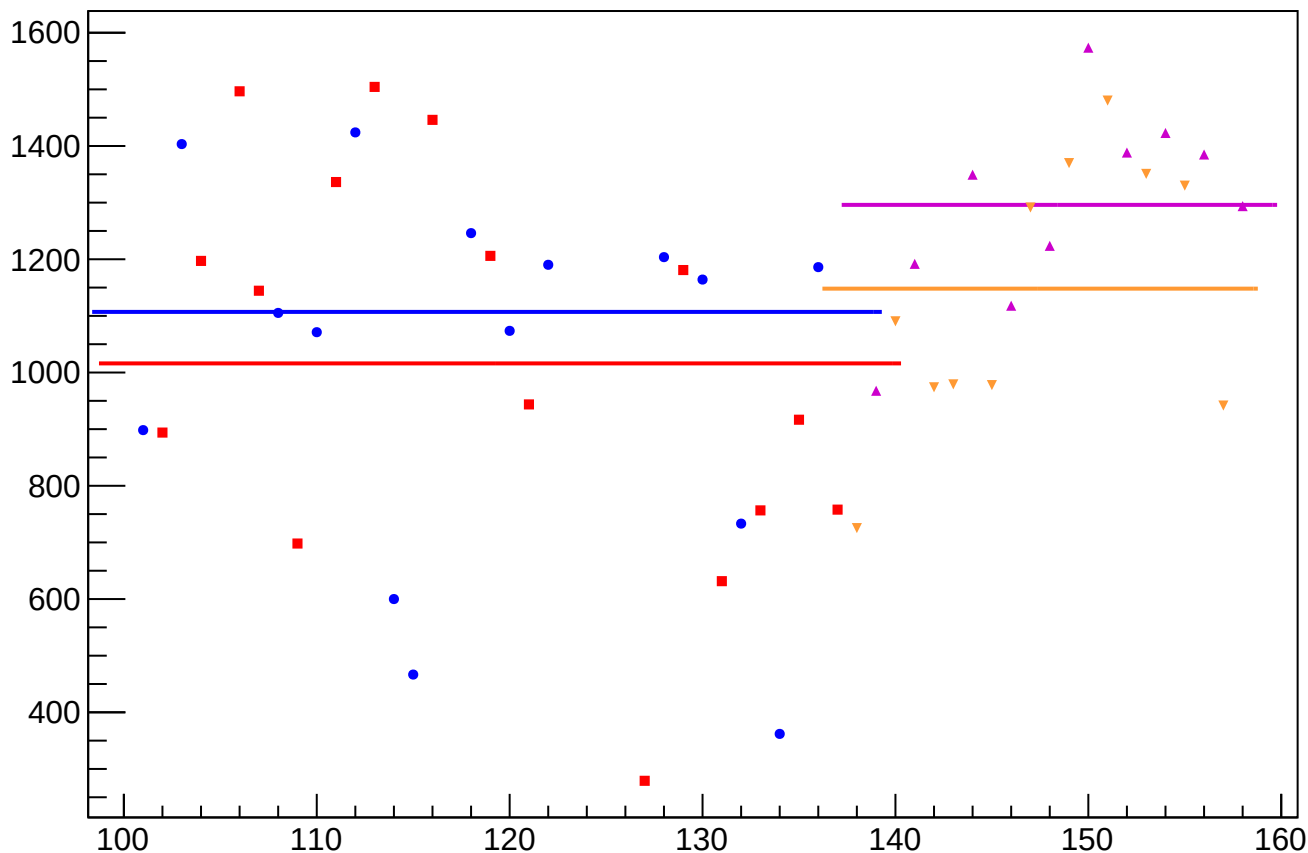
dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14
Left Out: 7.344+/-0.000	χ^2/NDF : 4624858552914717058787273020014592.0/10
Right Out: 6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15
Left In: 6.754+/-0.000	χ^2/NDF : 1542071487249915224190953696788480.0/9

+ sign 6.792+/-0.000 χ^2/NDF : 68001675677160384.0/10
 All: 6.660+/-0.000 χ^2/NDF : 10306837960002.0/15
 - sign 6.530+/-0.000 χ^2/NDF : 34553106894607822.0/15

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

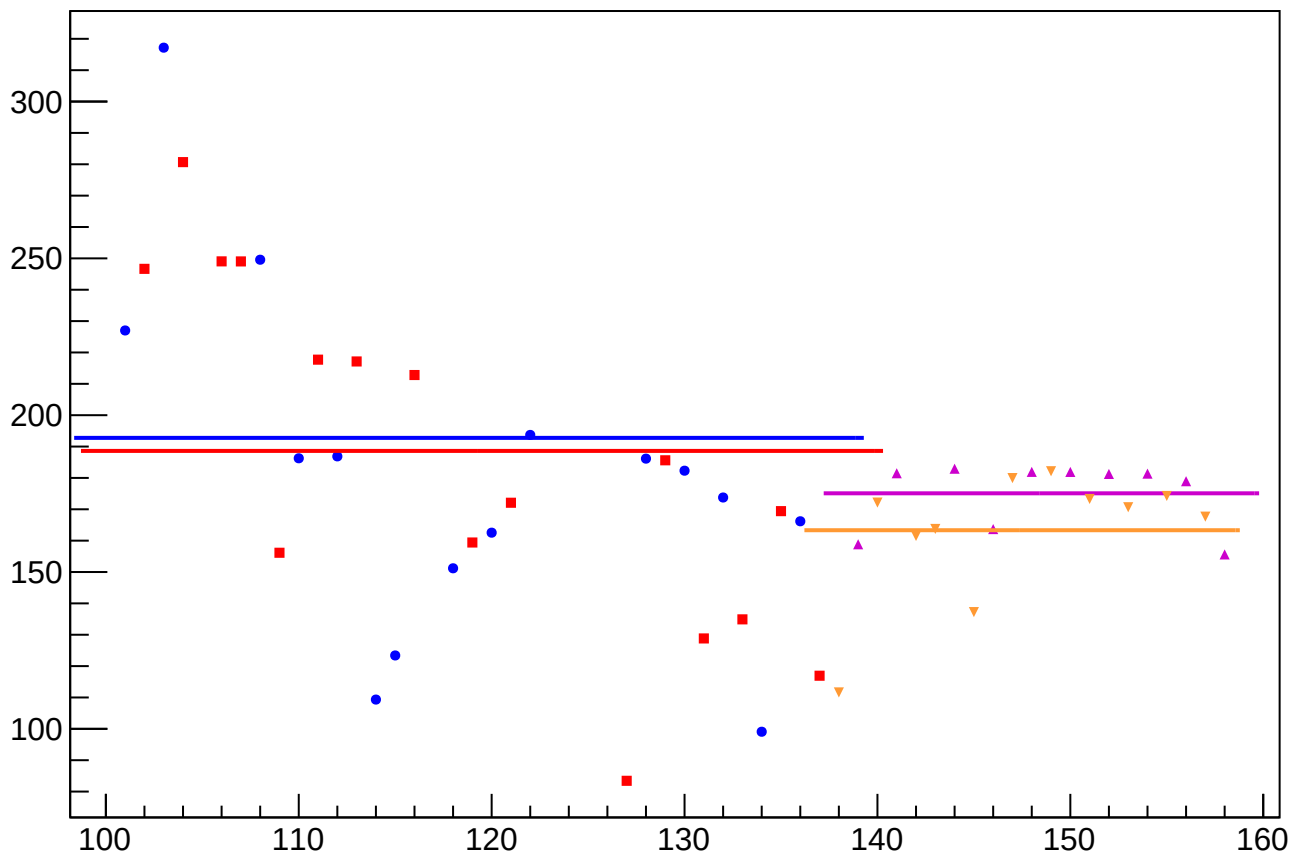
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1130.179+/-0.000 χ^2/NDF : 84853376247429

All: 1151.788+/-0.000 χ^2/NDF : 21087408015

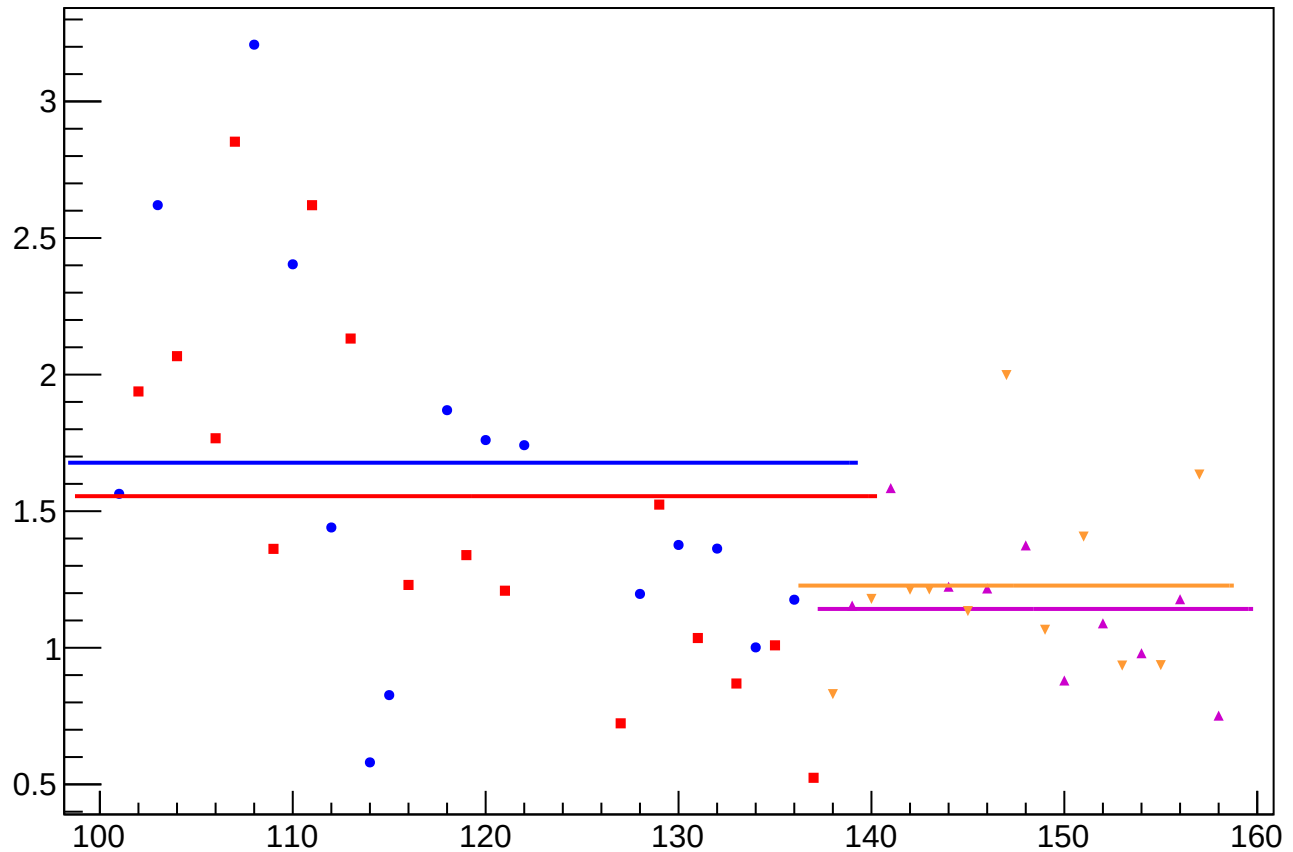
- sign 1172.955+/-0.000 χ^2/NDF : 12464716969780

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14
 Left Out: 163.325+/-0.000 χ^2/NDF : 344835434803109089694945409257963520.0/10
 Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15
 Left In: 175.094+/-0.000 χ^2/NDF : 88055279255182668536329346593325056.0/9

dit_4aY_coil4_err_mean vs Slug



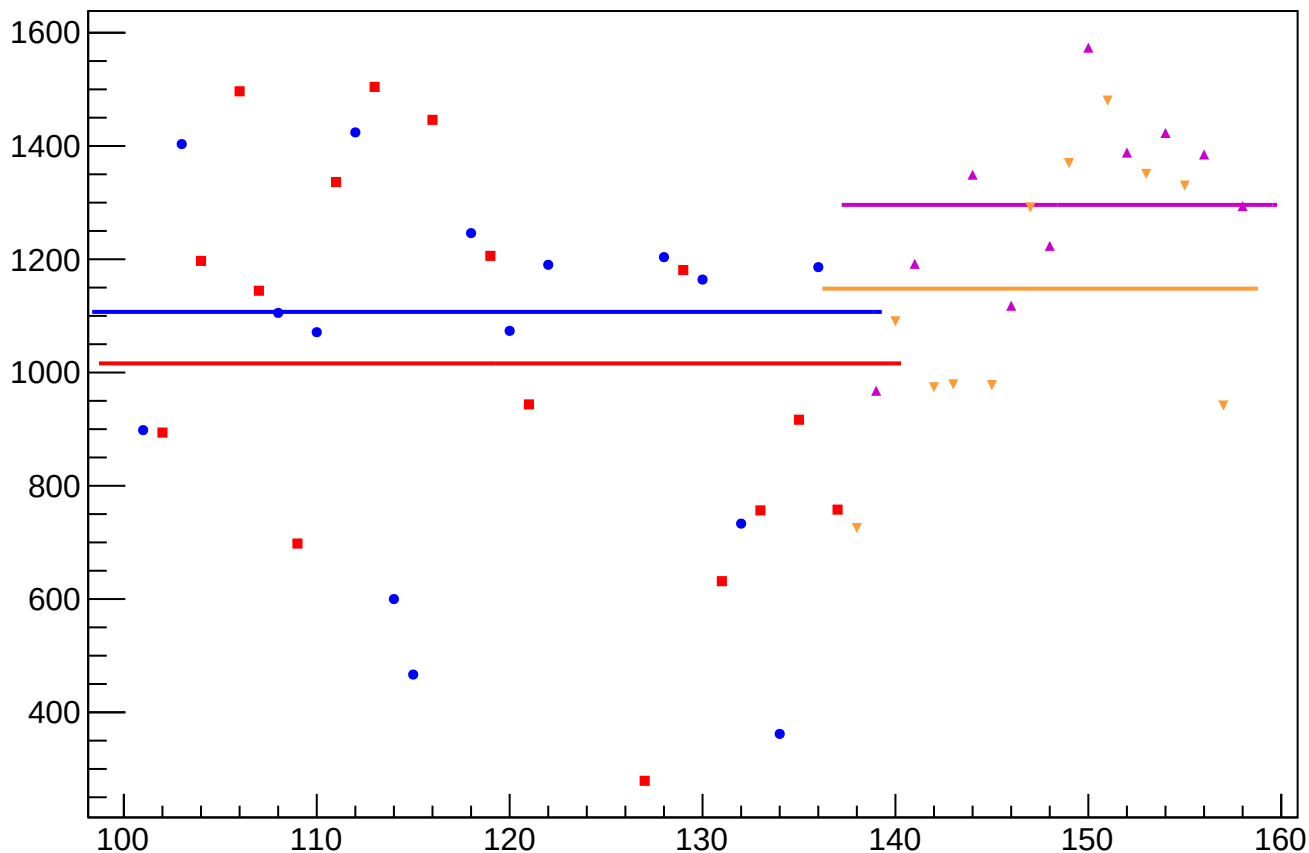
Right In: 1.677 ± 0.000 χ^2/NDF : 241879924044788593292791559225344.0/14

Left Out: 1.228 ± 0.000 χ^2/NDF : 91355744038482775249196503007232.0/10

Right Out: 1.555 ± 0.000 χ^2/NDF : 255645951433890296827677195108352.0/15

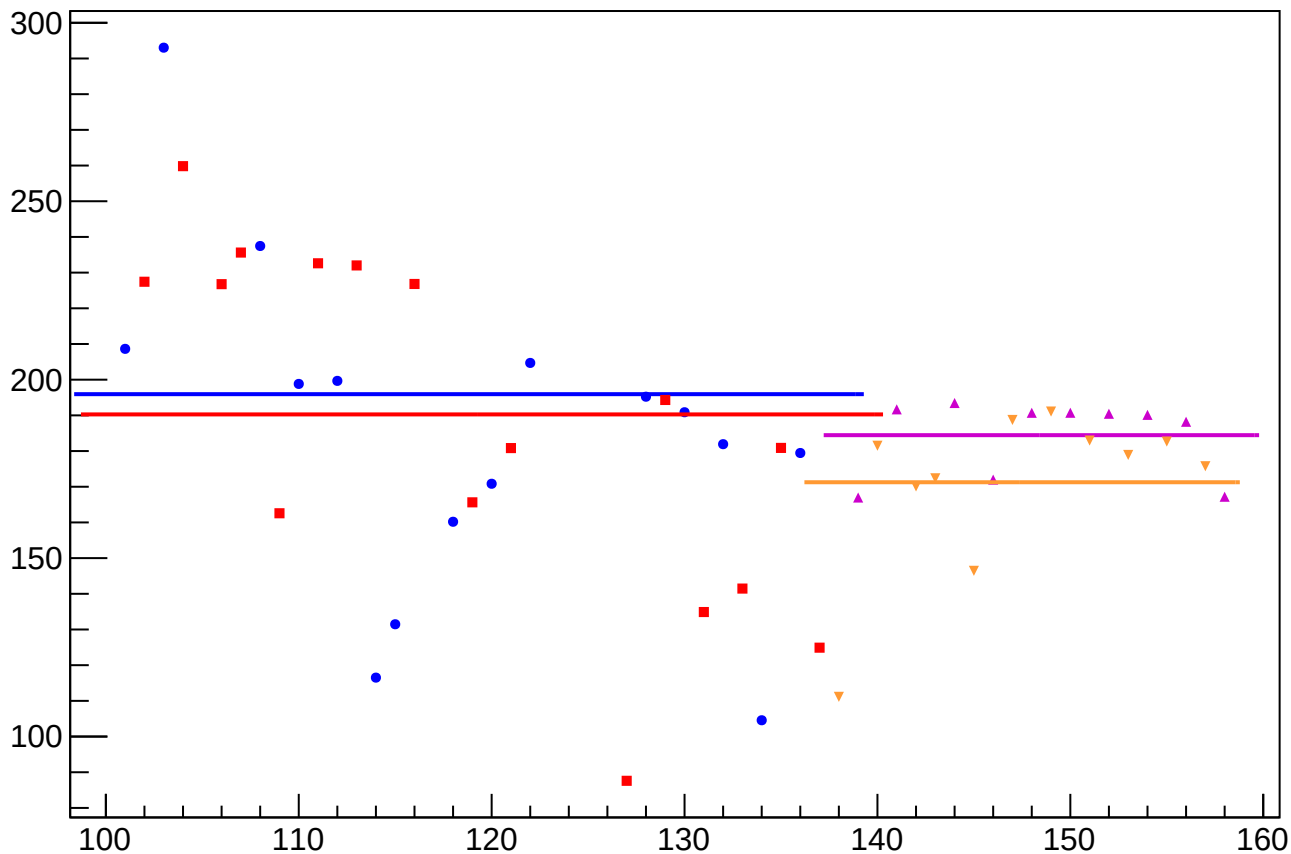
Left In: 1.142 ± 0.000 χ^2/NDF : 43527403306616616460308078133248.0/9

dit_4aY_coil4_Ndata_mean vs Slug



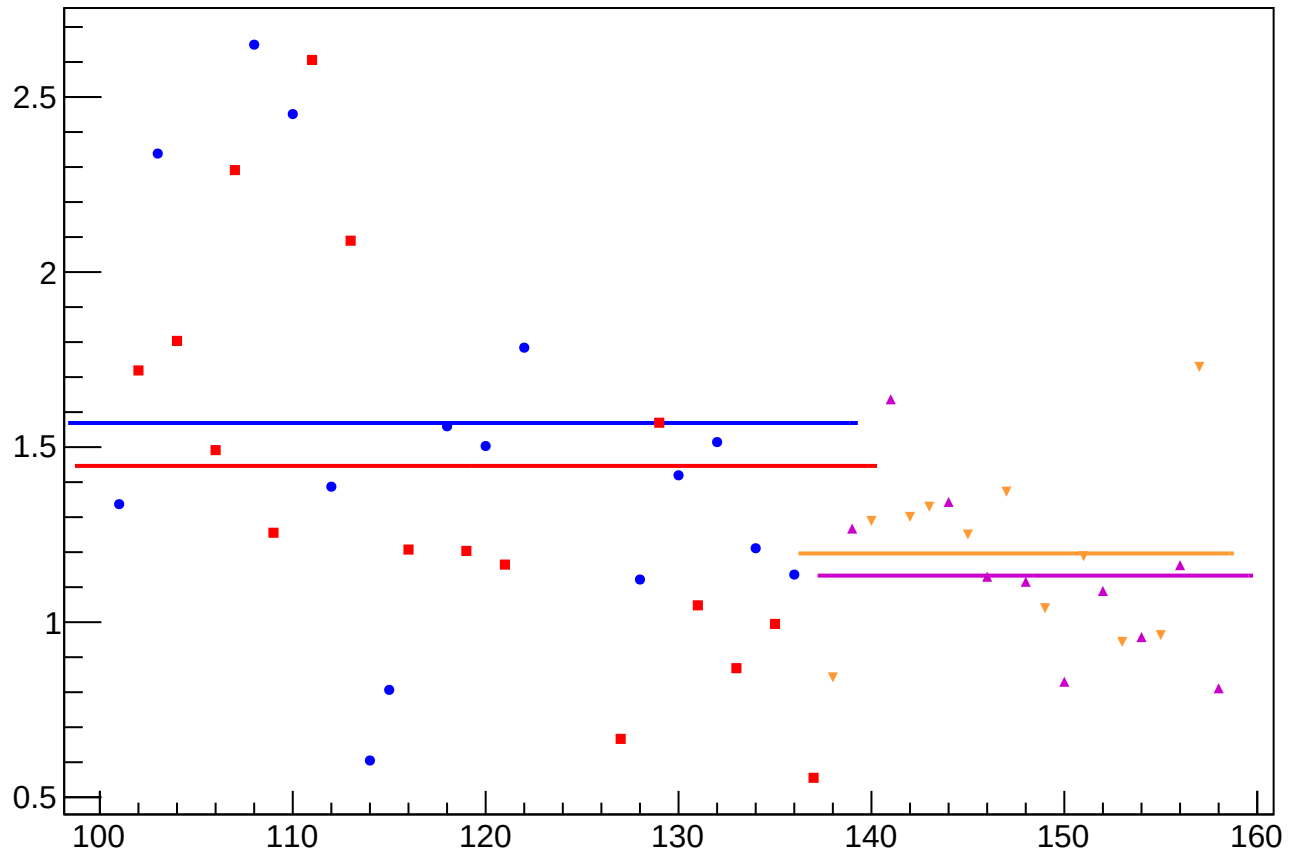
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 +/- 0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1296.034 +/- 0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

dit_4eY_coil4_mean vs Slug



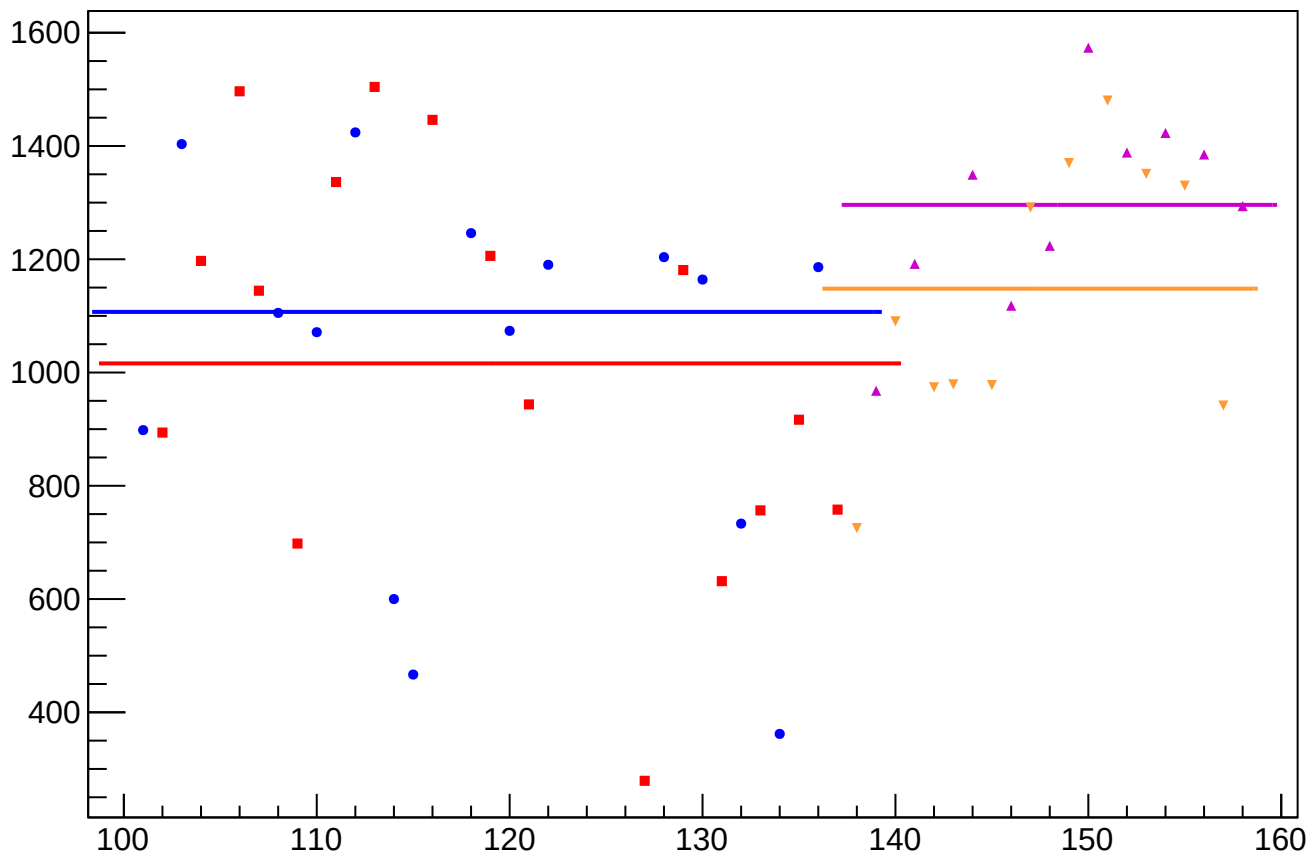
Right In: 195.940+/-0.000	χ^2/NDF : 1057891079869089572370479093183938560.0/14	+ sign 182.039+/-0.000	χ^2/NDF : 170539916547443
Left Out: 171.260+/-0.000	χ^2/NDF : 424846092039802977395194940325101568.0/10	All: 184.550+/-0.000	χ^2/NDF : 32924856818
Right Out: 190.268+/-0.000	χ^2/NDF : 1468473073667973330267084234323656704.0/15	- sign 187.009+/-0.000	χ^2/NDF : 156854646097343
Left In: 184.452+/-0.000	χ^2/NDF : 87430891974705833993711734348578816.0/9		

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14
 Left Out: 1.196 $\pm$ 0.000 χ^2 /NDF: 49137035029768776596831728566272.0/10
 Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15
 Left In: 1.133 $\pm$ 0.000 χ^2 /NDF: 46721508822138841881358331019264.0/9

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

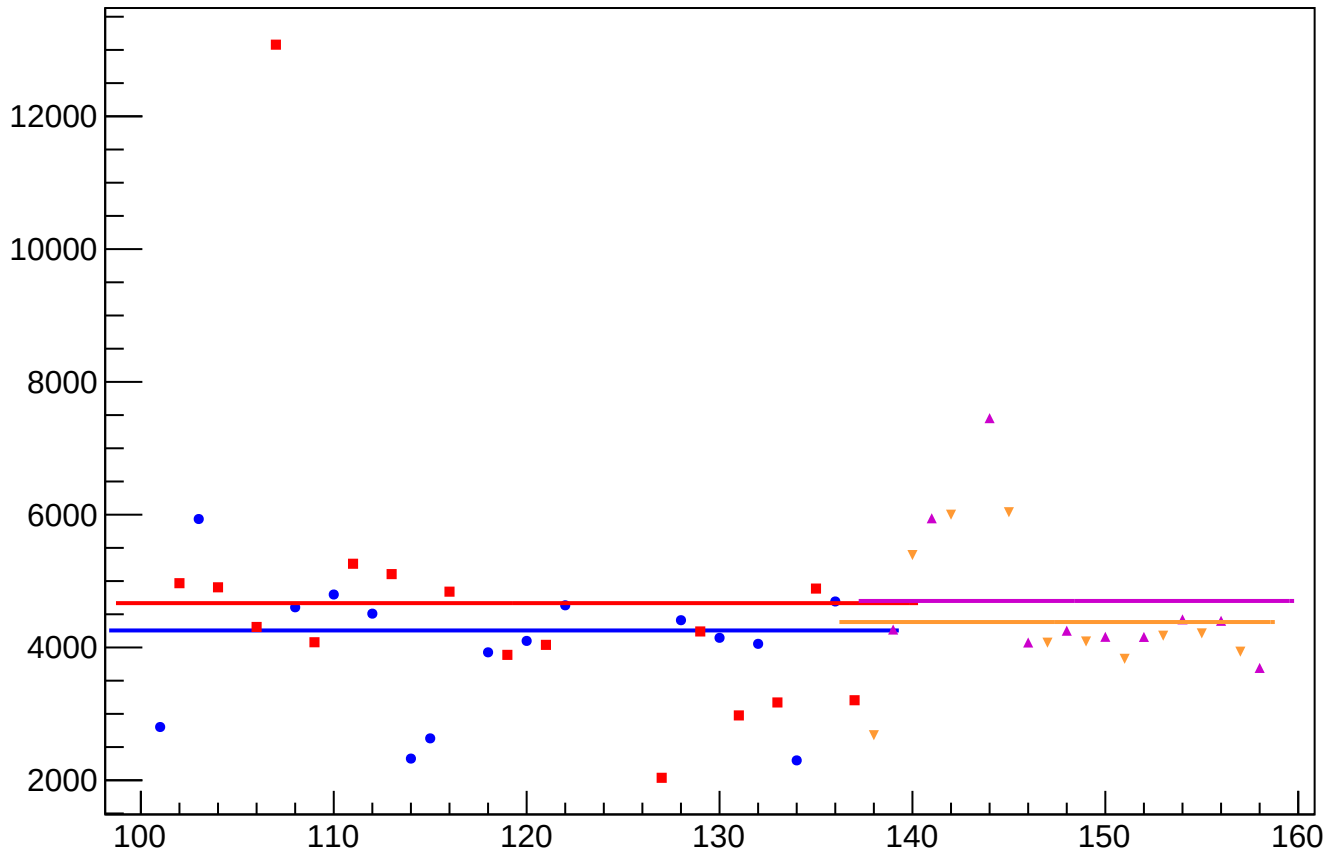
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1130.179+/-0.000 χ^2/NDF : 84853376247429

All: 1151.788+/-0.000 χ^2/NDF : 21087408015

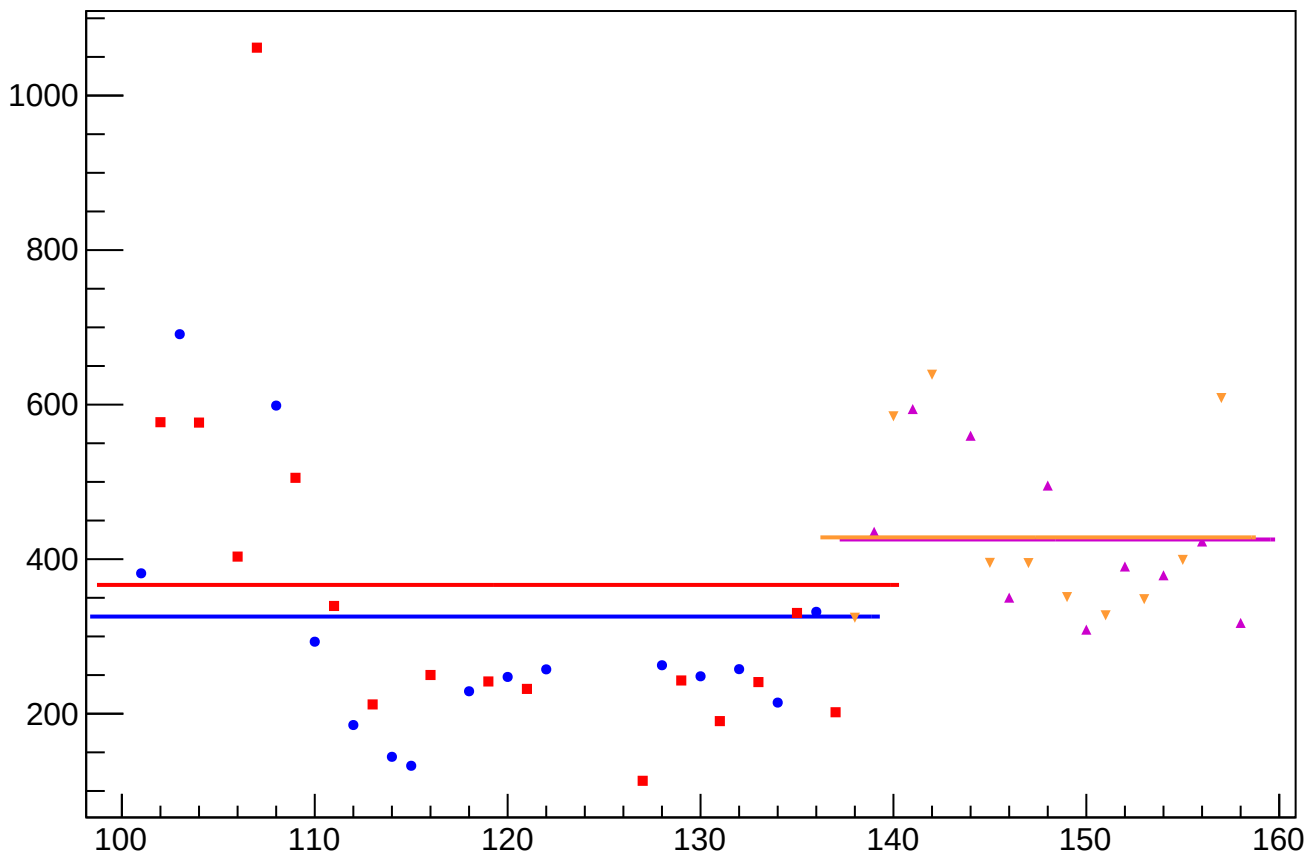
- sign 1172.955+/-0.000 χ^2/NDF : 12464716969780

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4383.298+/-0.000 χ^2/NDF : 711881763148993431367263829287575224320.0/9
 Right Out: 4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: 4700.603+/-0.000 χ^2/NDF : 1019267152397247321648961150416064610304.0/9

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 428.205+/-0.000 χ^2/NDF : 9534670062098522090078465719109943296.0/9

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

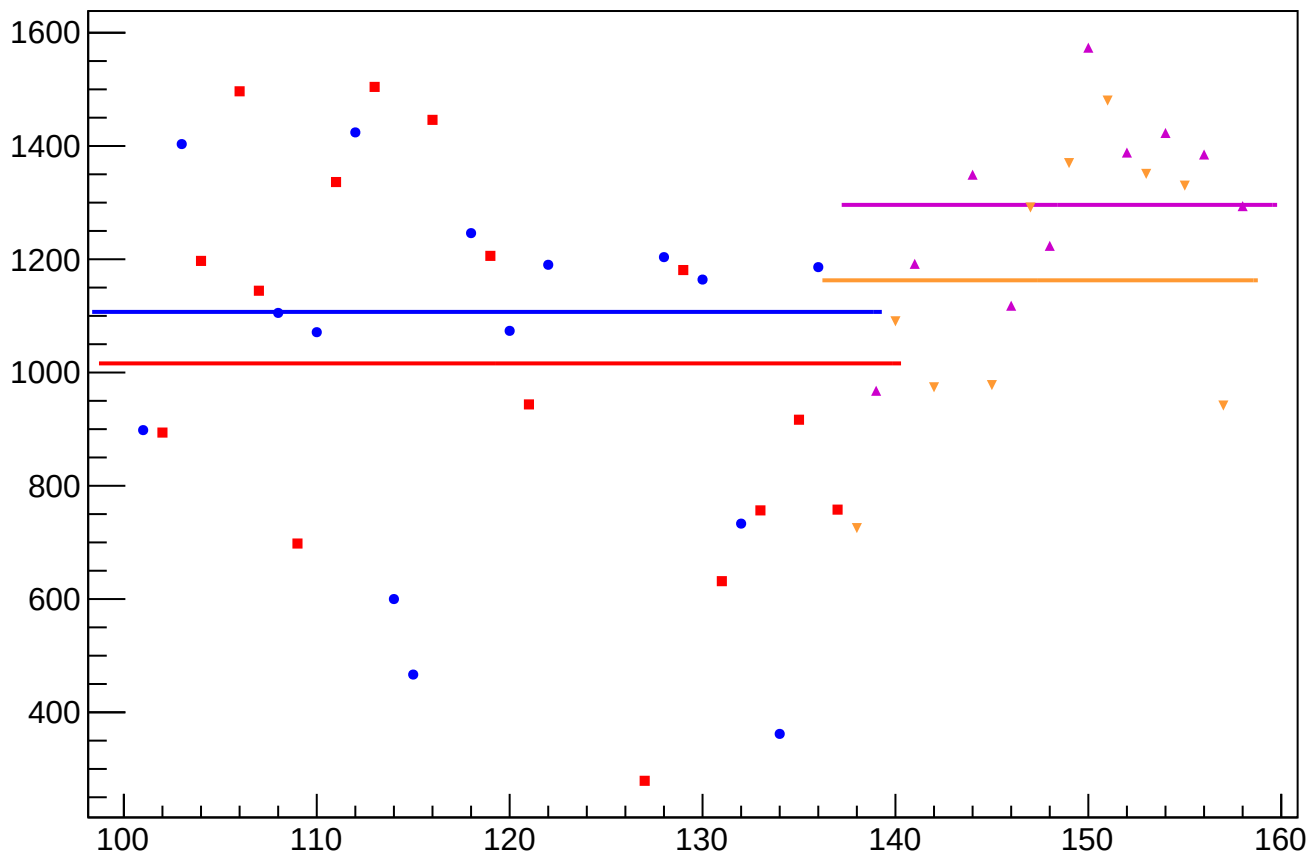
Left In: 425.477+/-0.000 χ^2/NDF : 7395328689023686119802827092772519936.0/9

+ sign 381.337+/-0.000 χ^2/NDF : 278660473755053

All: 390.787+/-0.000 χ^2/NDF : 688957761506

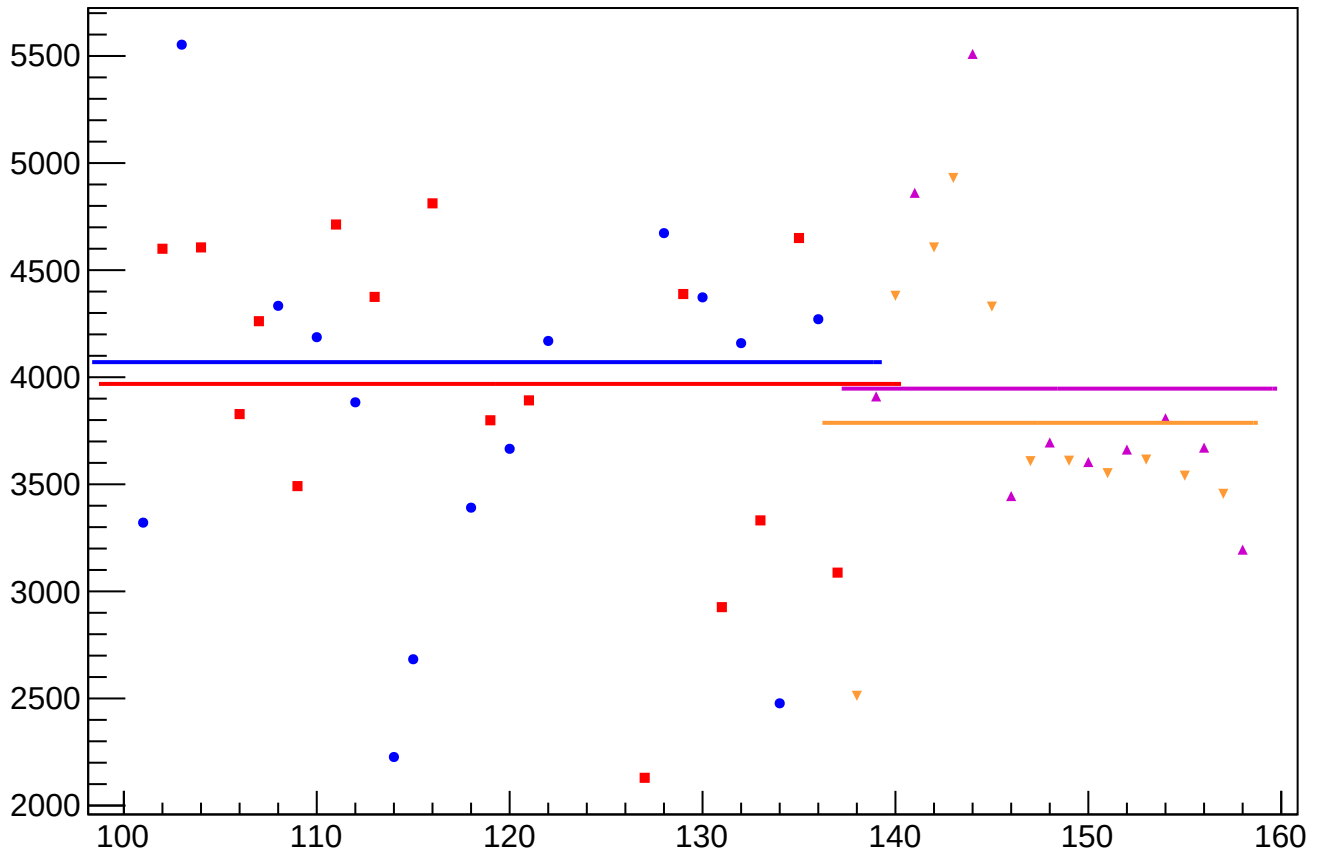
- sign 399.626+/-0.000 χ^2/NDF : 407844962515013

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1162.817 $\pm$ 0.000 χ^2 /NDF: 41523029742667910009048928403092144128.0/9
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

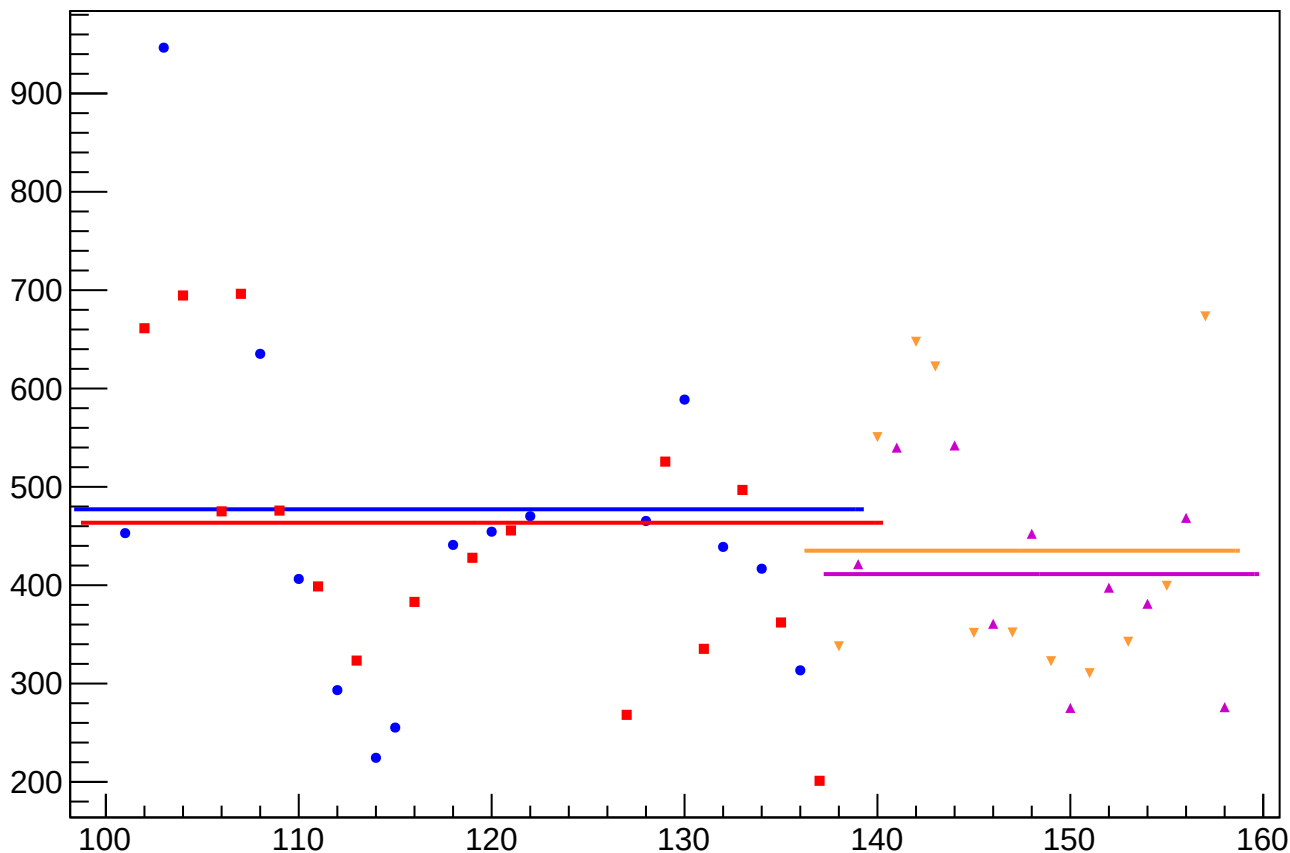
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3787.090+/-0.000	χ^2/NDF : 323316813443340848835799596874814455808.0/10
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 3946.702+/-0.000	χ^2/NDF : 386055252364707275577260547744513130496.0/9

+ sign 3910.842+/-0.000 χ^2/NDF : 69594878491322
 All: 3933.848+/-0.000 χ^2/NDF : 14436980715
 - sign 3956.384+/-0.000 χ^2/NDF : 74619235112839

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 435.104+/-0.000 χ^2/NDF : 14933720037575683500411822646931488768.0/10

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

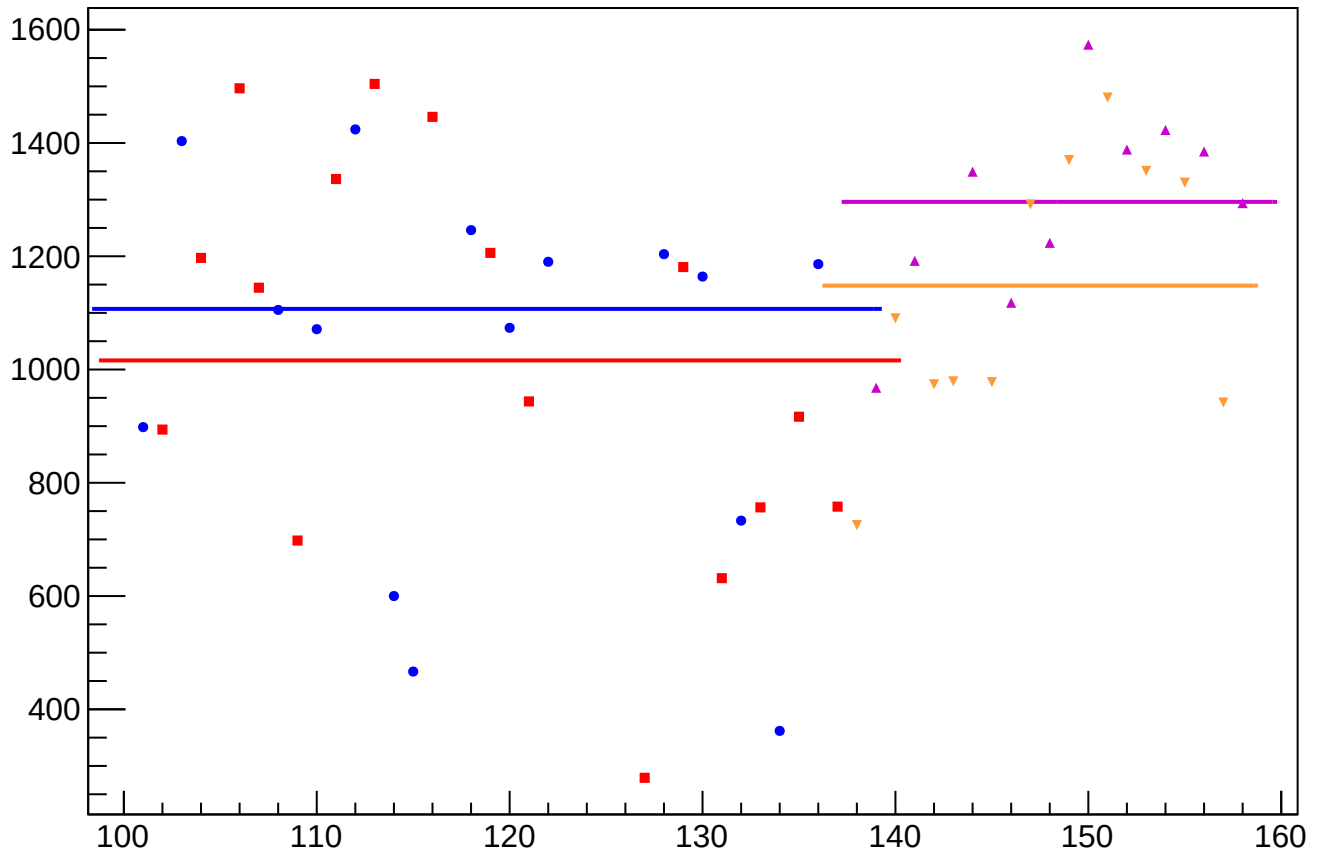
Left In: 411.304+/-0.000 χ^2/NDF : 6816699884804276577882958707487145984.0/9

+ sign 453.483+/-0.000 χ^2/NDF : 360368220056869

All: 443.772+/-0.000 χ^2/NDF : 567064141440

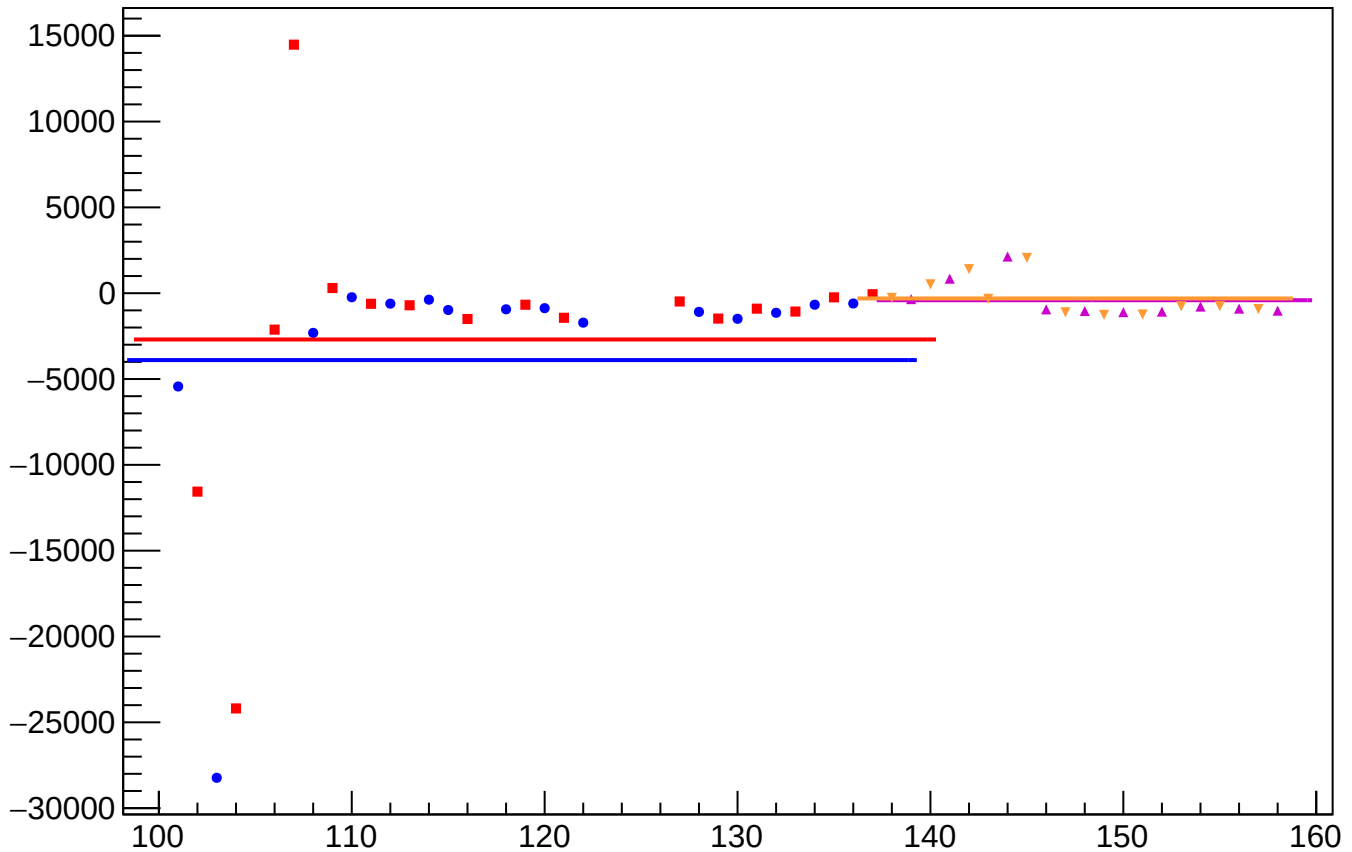
- sign 434.259+/-0.000 χ^2/NDF : 203921770794015

dit_usr_coil4_Ndata_mean vs Slug



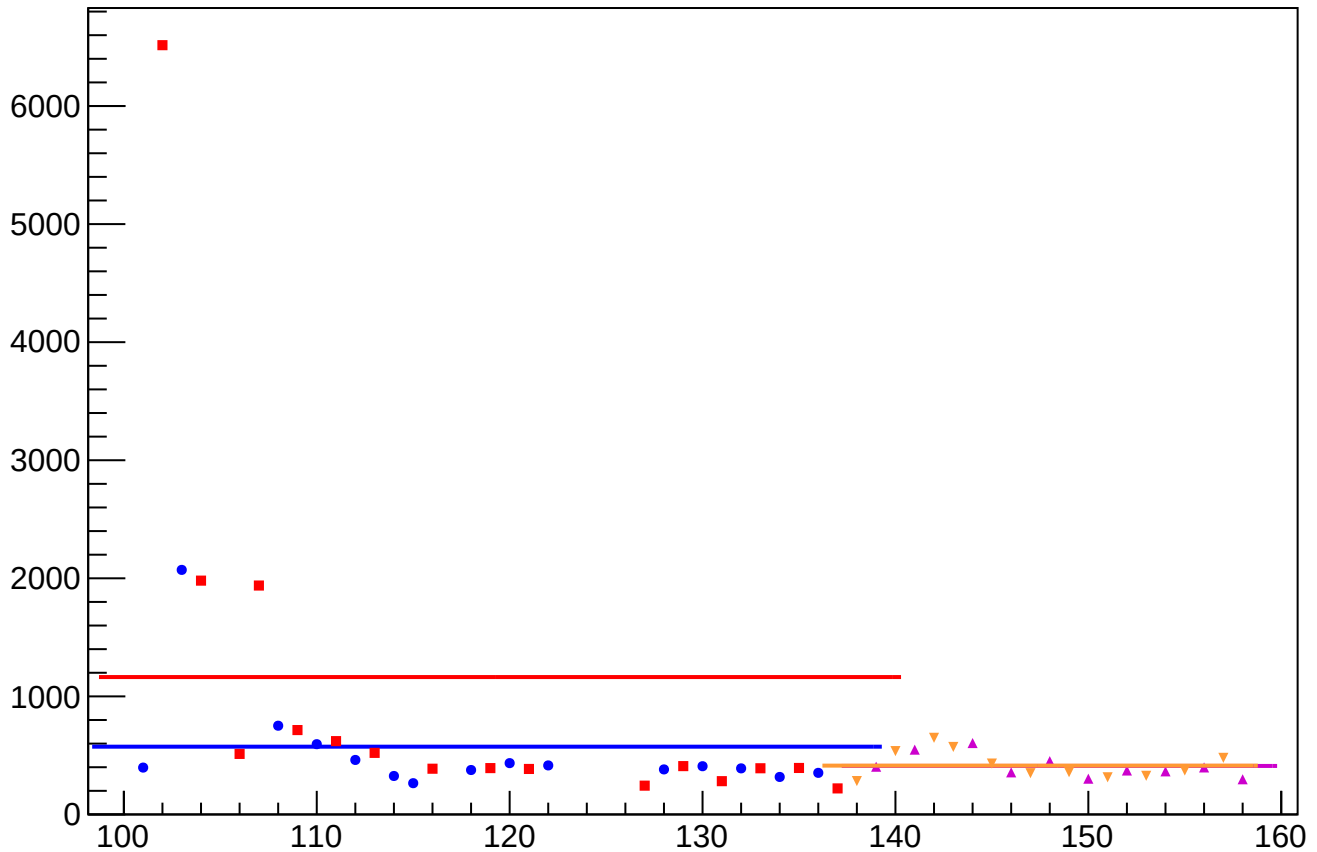
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -304.736+/-0.000 χ^2/NDF : 899572187899473742195214878718300258304.0/10
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -409.312+/-0.000 χ^2/NDF : 911493765384516588826450256964251287552.0/9

dit_atl1_coil4_err_mean vs Slug



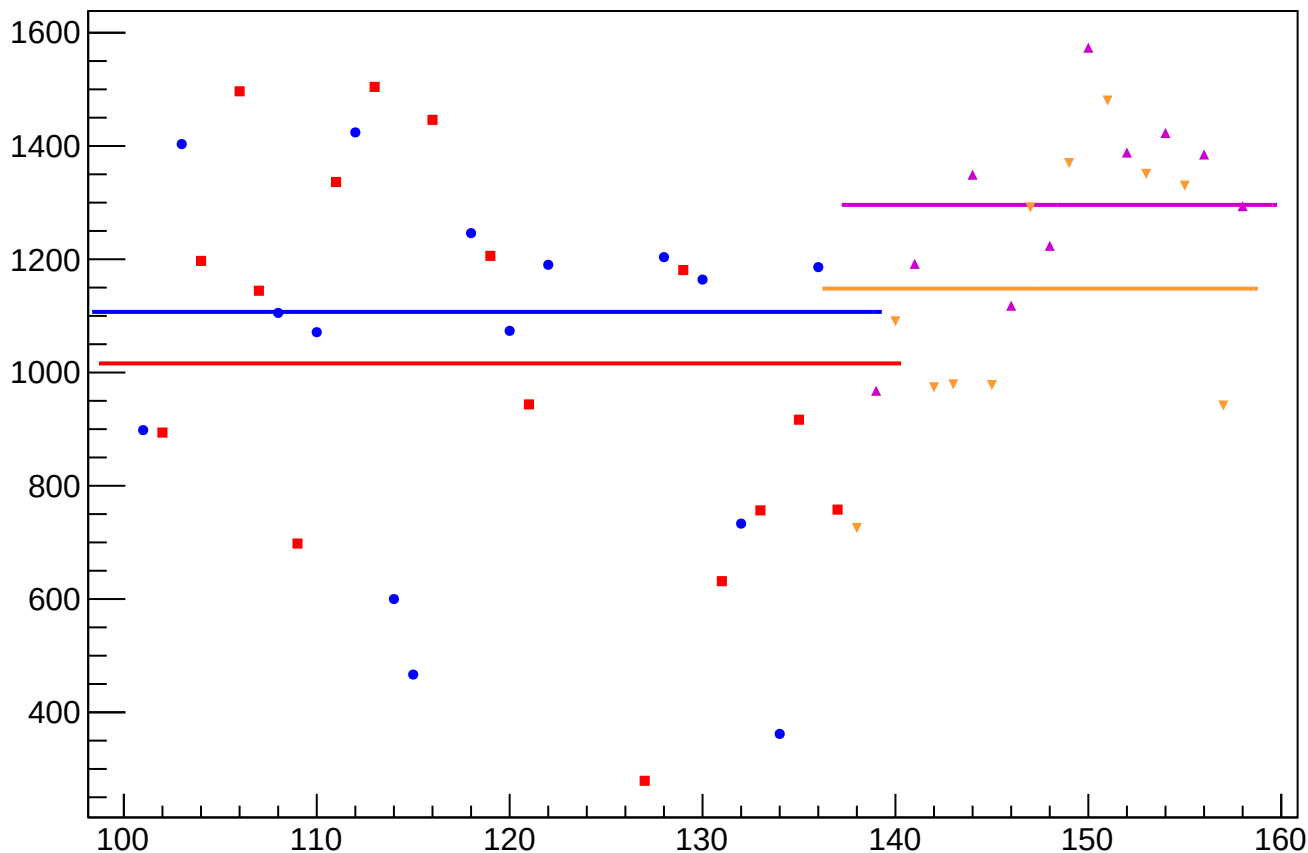
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 413.595+/-0.000 χ^2/NDF : 9275036017961890679278839736251187200.0/10

Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

Left In: 410.887+/-0.000 χ^2/NDF : 7773422679869927157376192796011003904.0/9

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

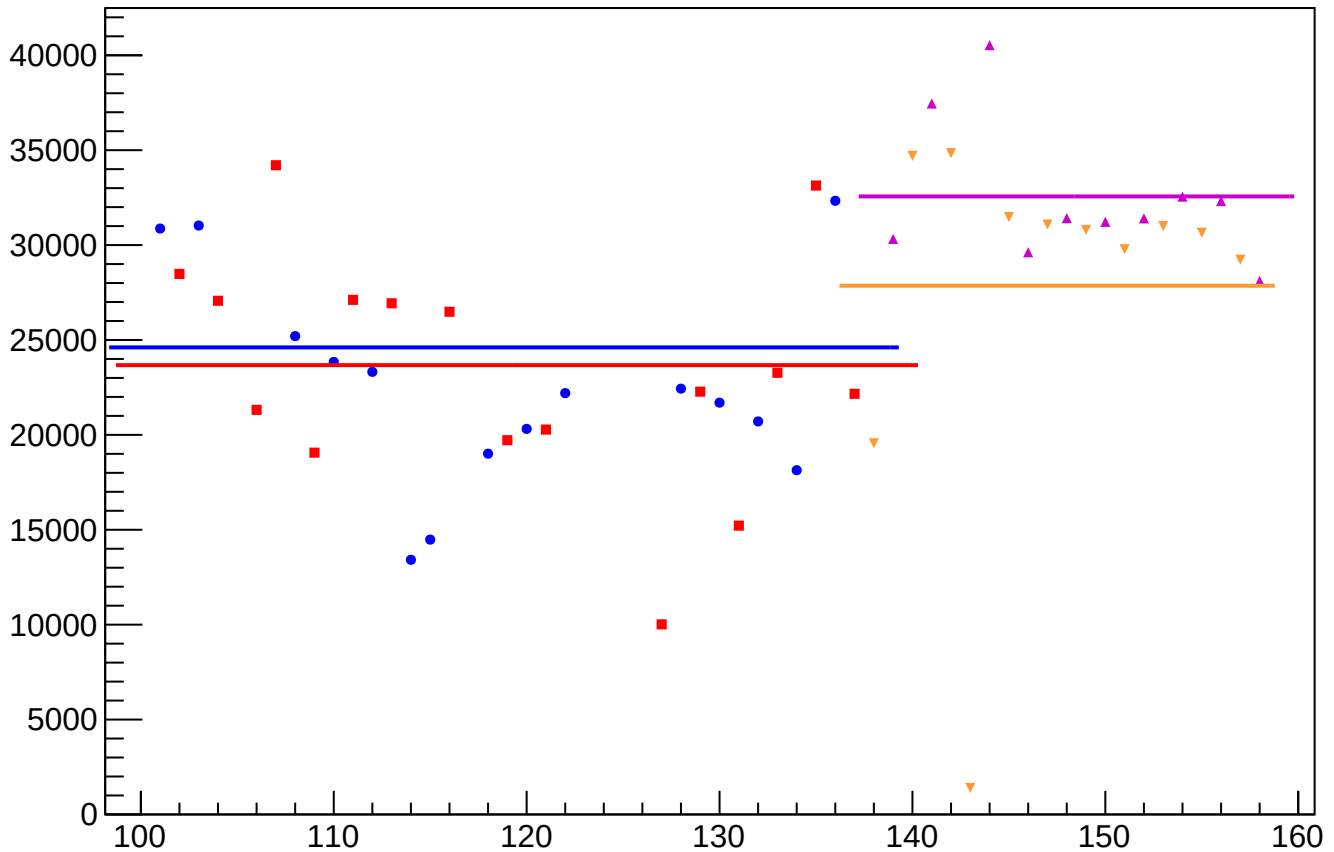
Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

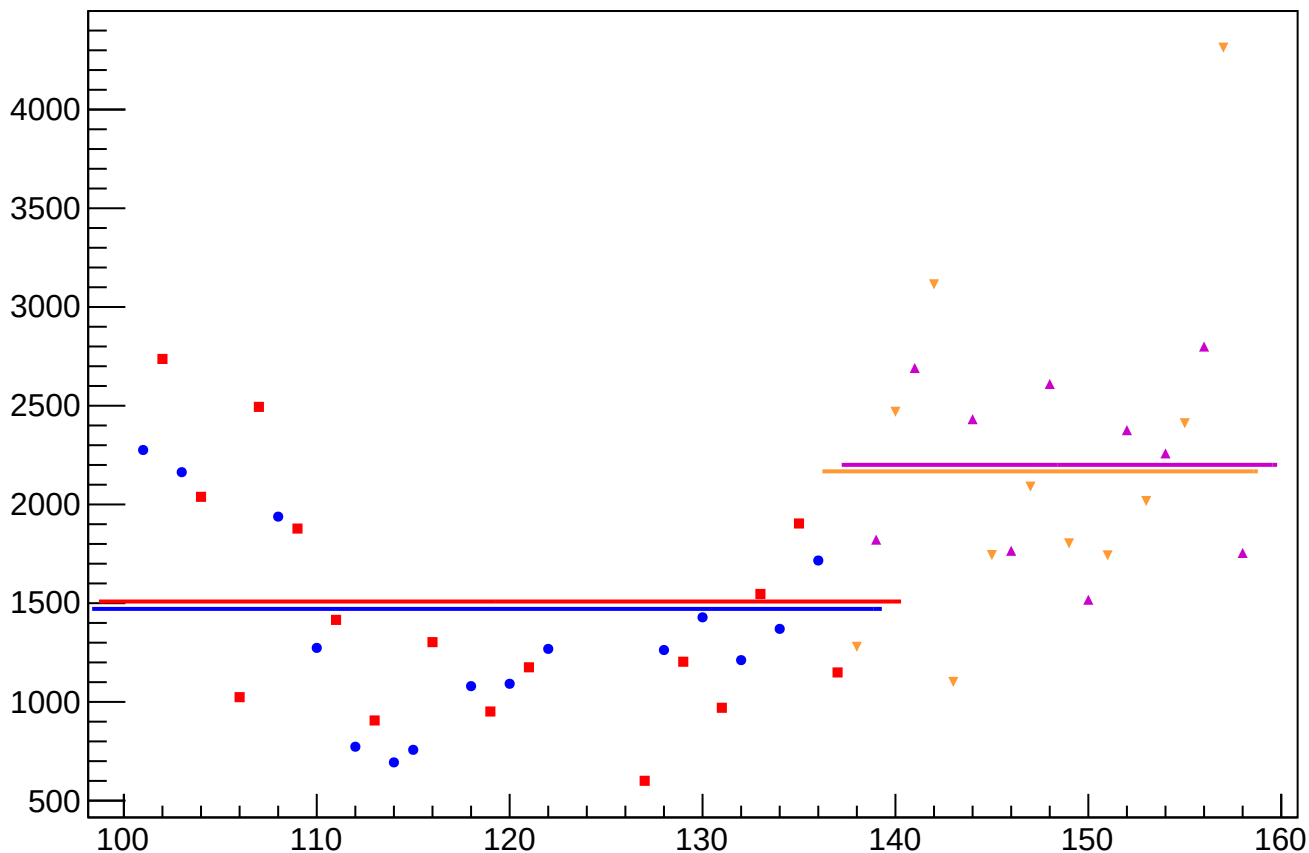
All: 1151.788+/-0.000 χ^2/NDF : 21087408015

dit_atl2_coil4_mean vs Slug



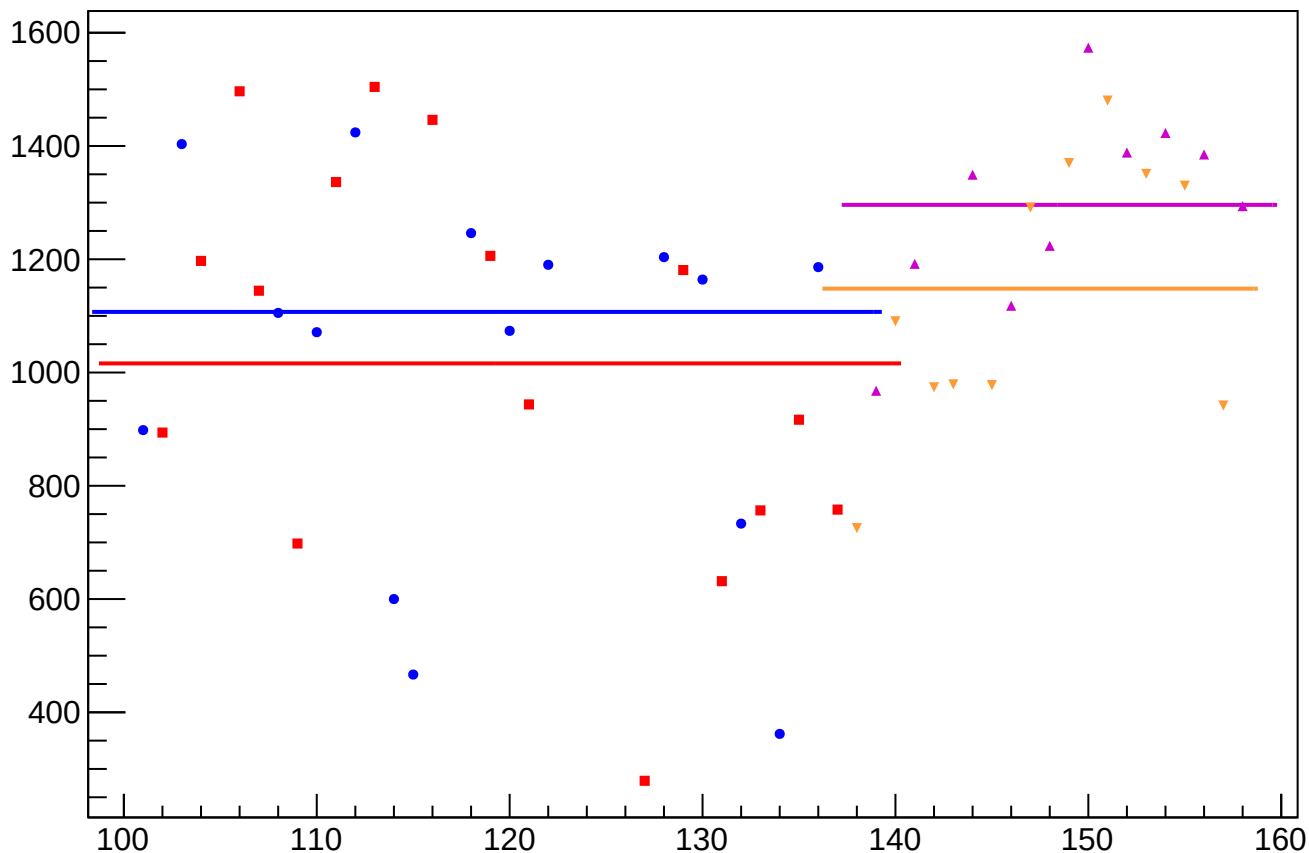
Right In: 24608.761 $\pm$ 0.000 χ^2 /NDF: 17555600427140701787636759084167268925440.0/14
 Left Out: 27858.168 $\pm$ 0.000 χ^2 /NDF: 62866543265287080677847740208780394102784.0/10
 Right Out: 23673.937 $\pm$ 0.000 χ^2 /NDF: 24824229344827567313624871677295341862912.0/15
 Left In: 32563.565 $\pm$ 0.000 χ^2 /NDF: 10815433566723477462100778347782291324928.0/9

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 2167.679+/-0.000 χ^2/NDF : 597007941278321706306002310983996932096.0/10
 Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: 2200.573+/-0.000 χ^2/NDF : 156918562552035233095724748103810547712.0/9

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

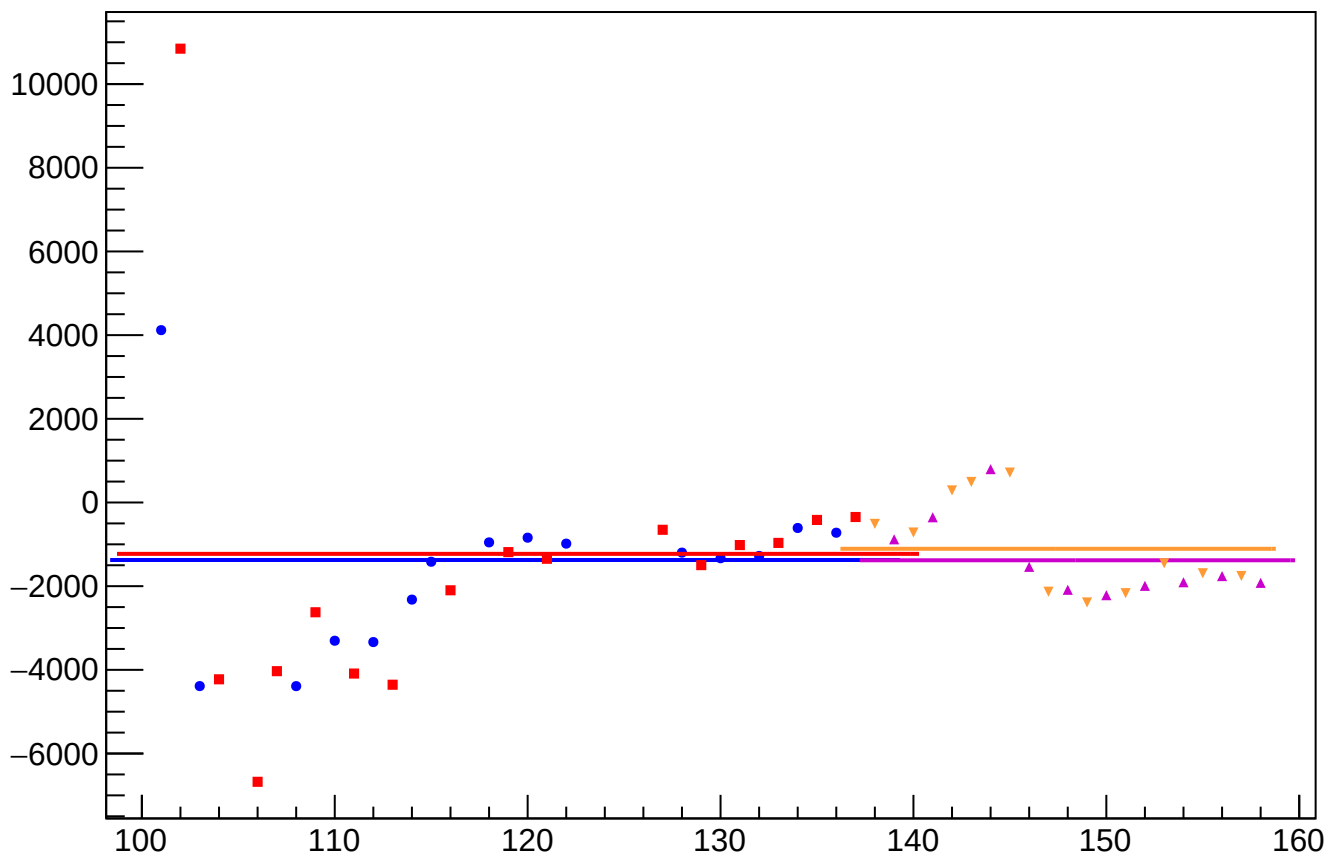
Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

All: 1151.788+/-0.000 χ^2/NDF : 21087408015

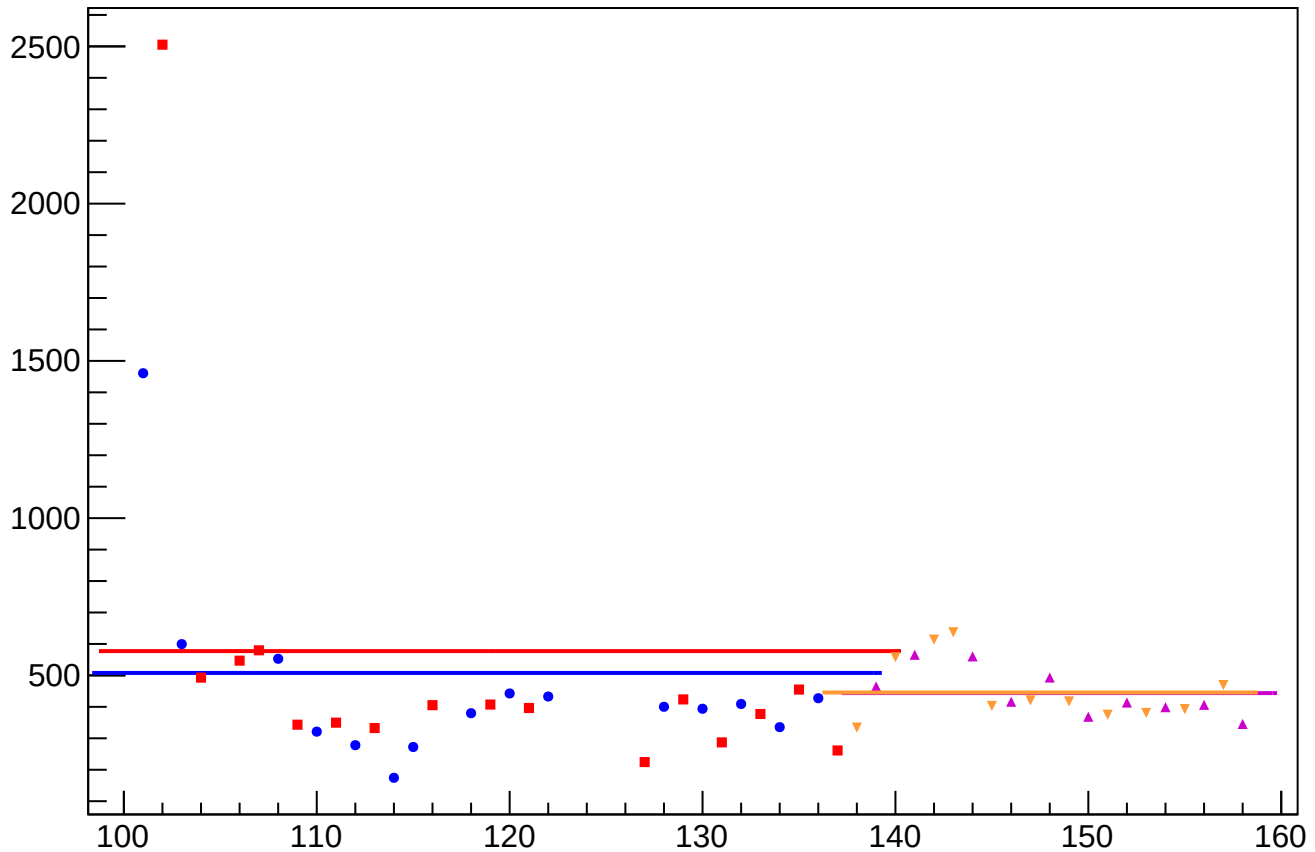
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1106.597+/-0.000	χ^2/NDF : 947204054459679863886113510443775426560.0/10
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1381.347+/-0.000	χ^2/NDF : 731460916753363163870405774258070355968.0/9

+ sign -1223.606+/-0.000 χ^2/NDF : 4046218214065
 All: -1269.204+/-0.000 χ^2/NDF : 1590791035
 - sign -1313.869+/-0.000 χ^2/NDF : 11855576106118

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 445.577+/-0.000 χ^2/NDF : 7035905688613783989836673519760441344.0/10

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

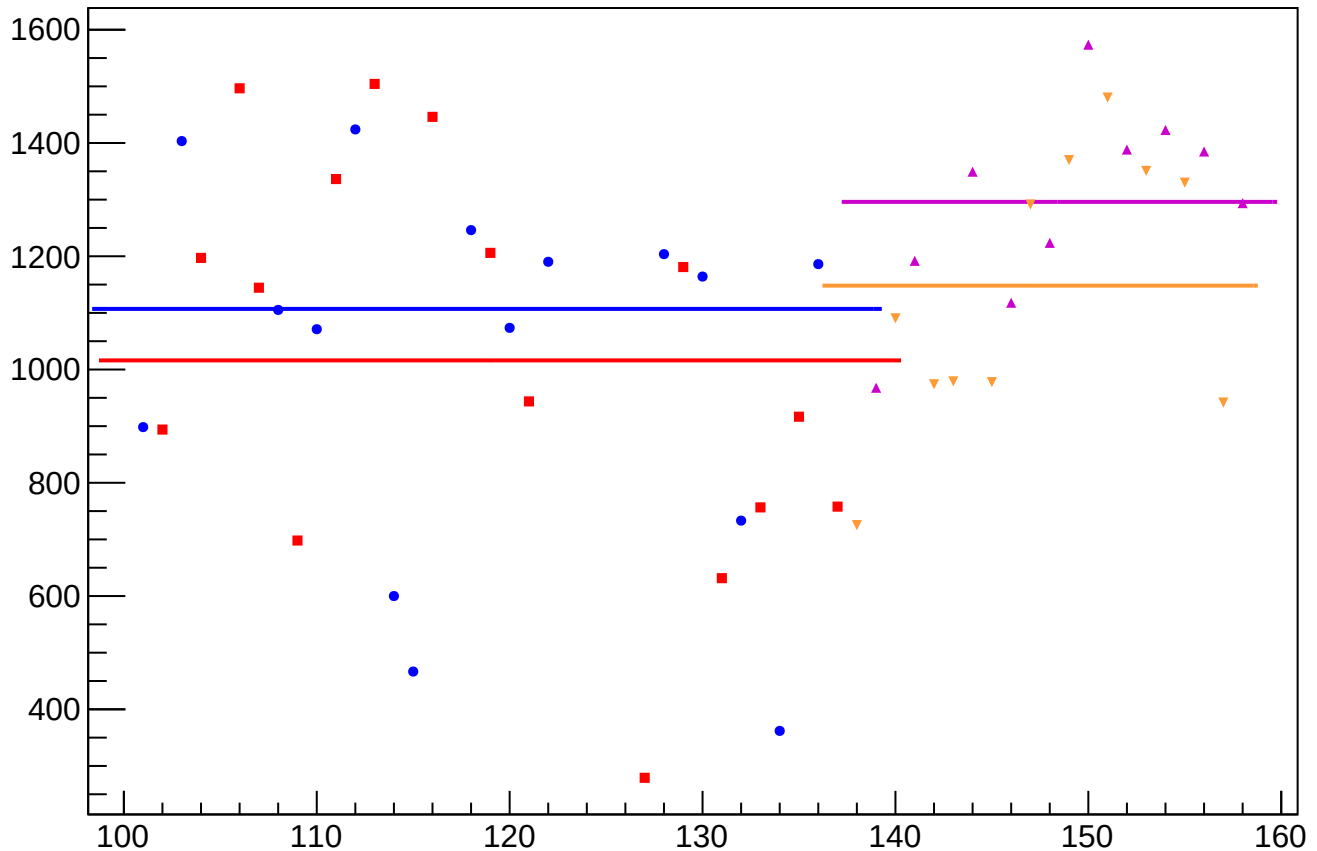
Left In: 443.727+/-0.000 χ^2/NDF : 4438324984038044097077747243139727360.0/9

+ sign 472.756+/-0.000 χ^2/NDF : 725915824716522

All: 487.749+/-0.000 χ^2/NDF : 325642940316

- sign 502.435+/-0.000 χ^2/NDF : 252390140086803

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

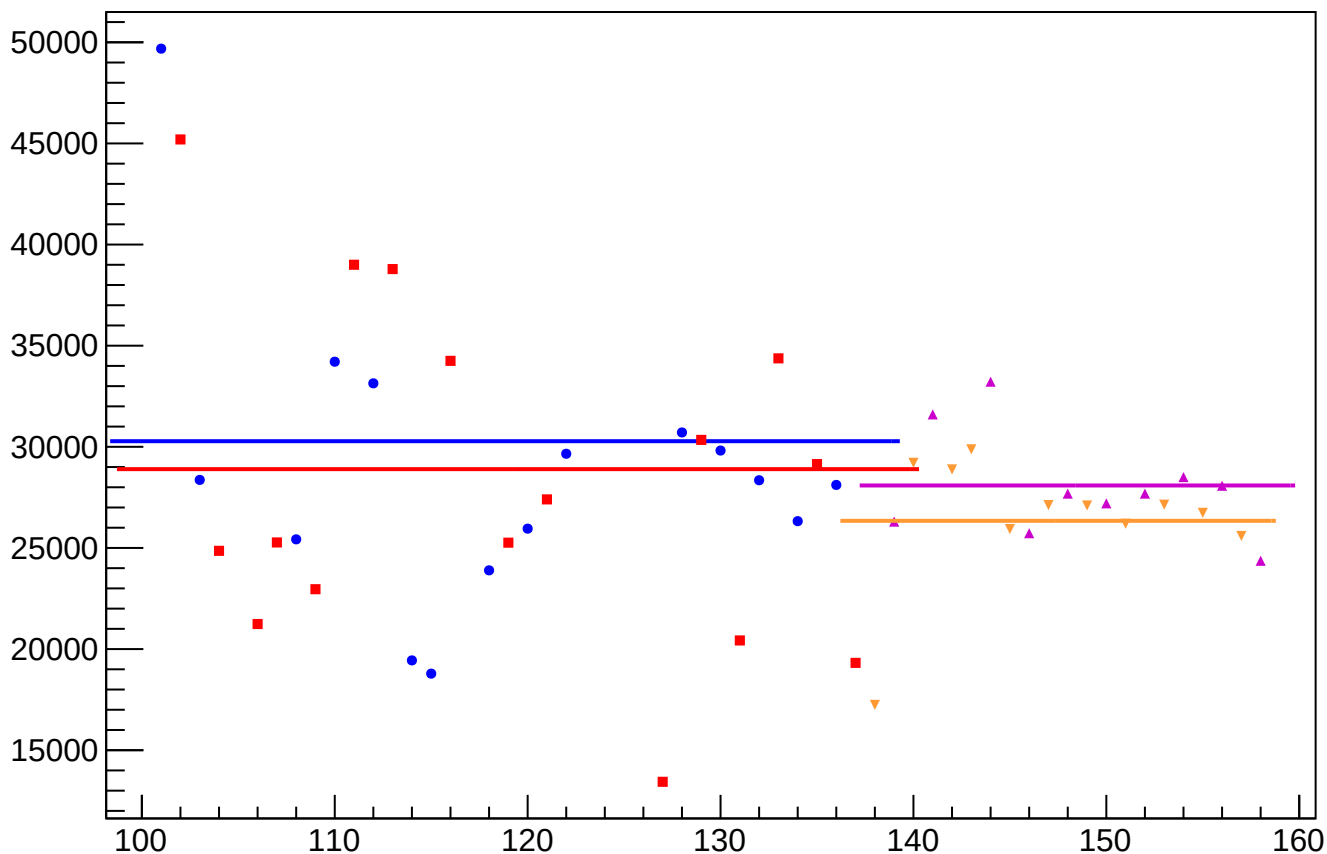
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1130.179+/-0.000 χ^2/NDF : 84853376247429

All: 1151.788+/-0.000 χ^2/NDF : 21087408015

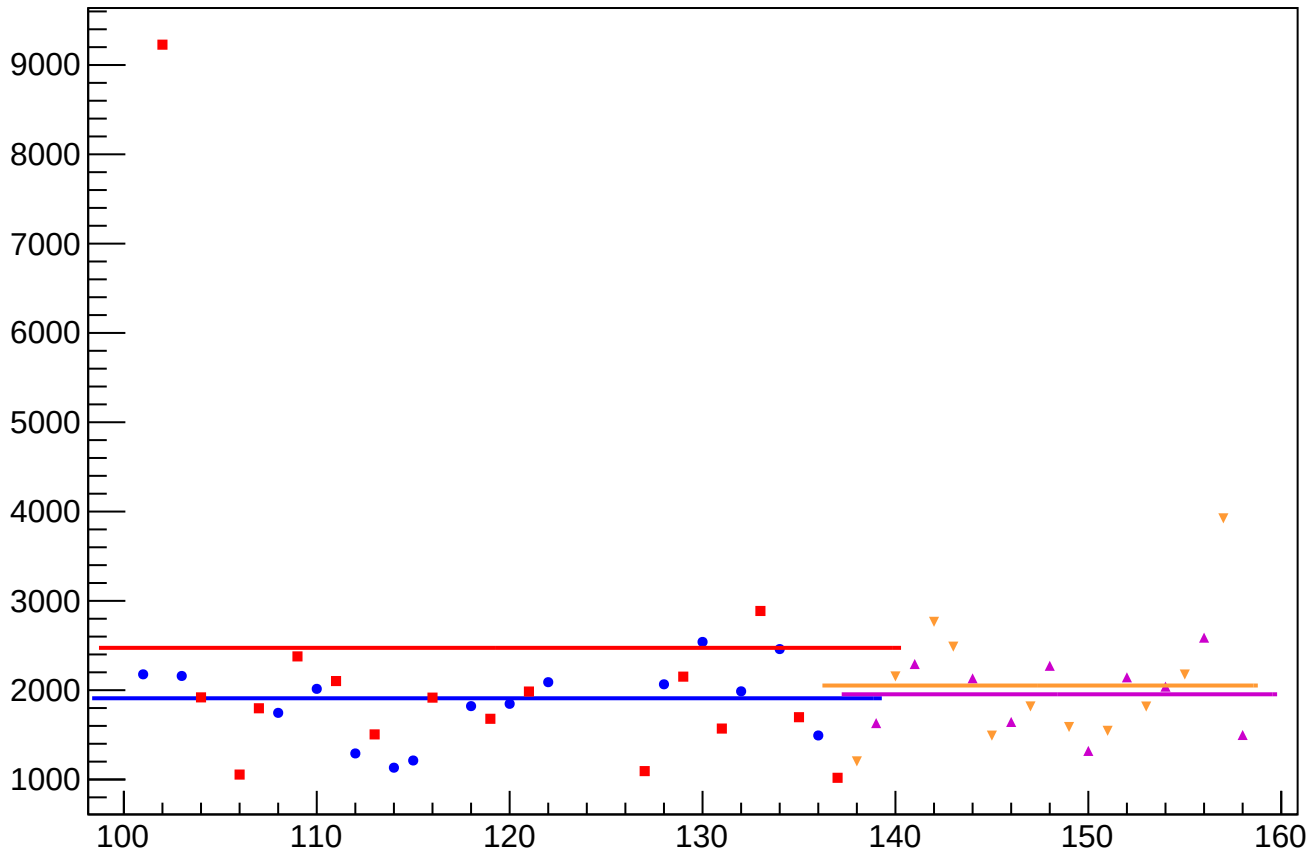
- sign 1172.955+/-0.000 χ^2/NDF : 12464716969780

dit_atr2_coil4_mean vs Slug



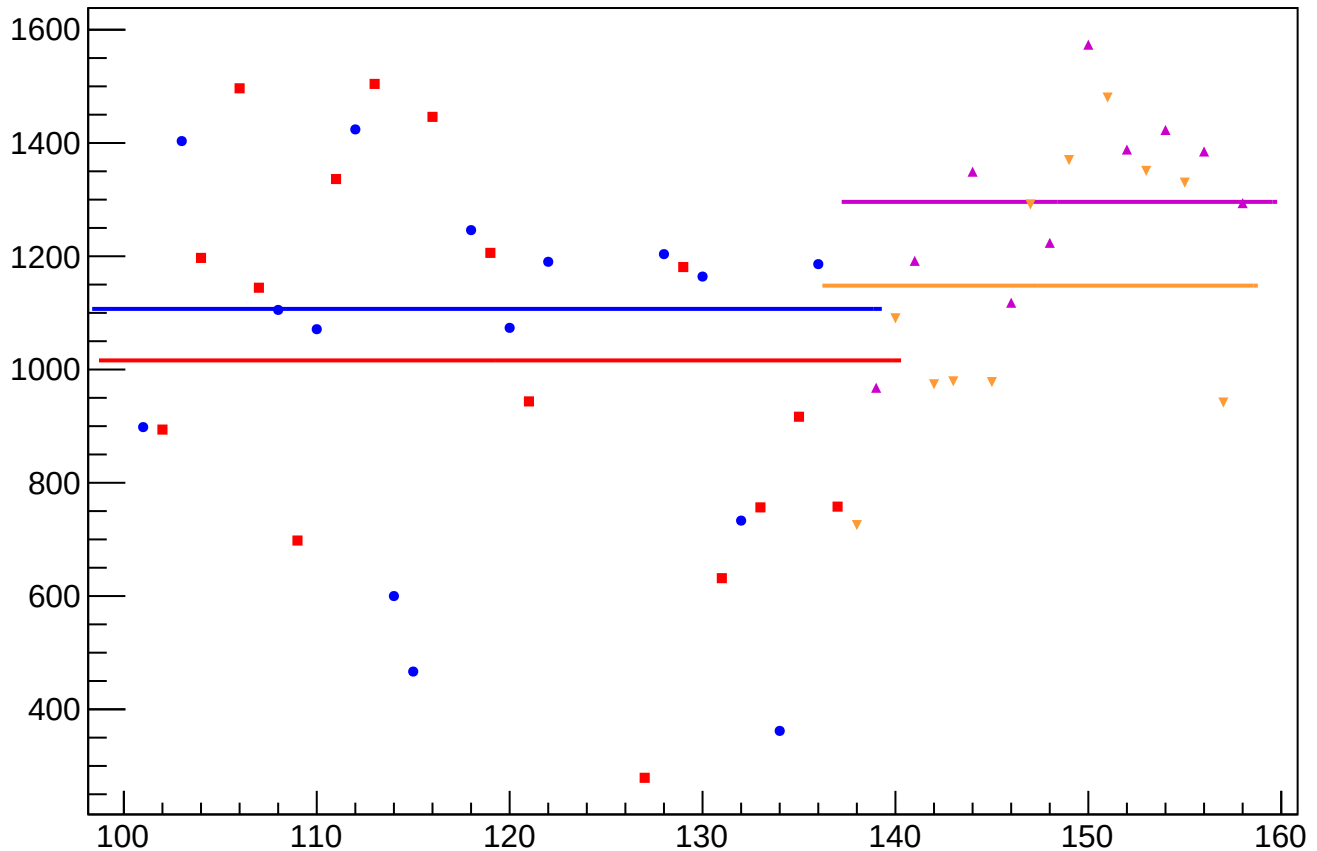
Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 26341.044+/-0.000 χ^2/NDF : 8490023979334132143689968570361421234176.0/10
 Right Out: 28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: 28088.985+/-0.000 χ^2/NDF : 5350533320066301310603898218661153865728.0/9

dit_atr2_coil4_err_mean vs Slug



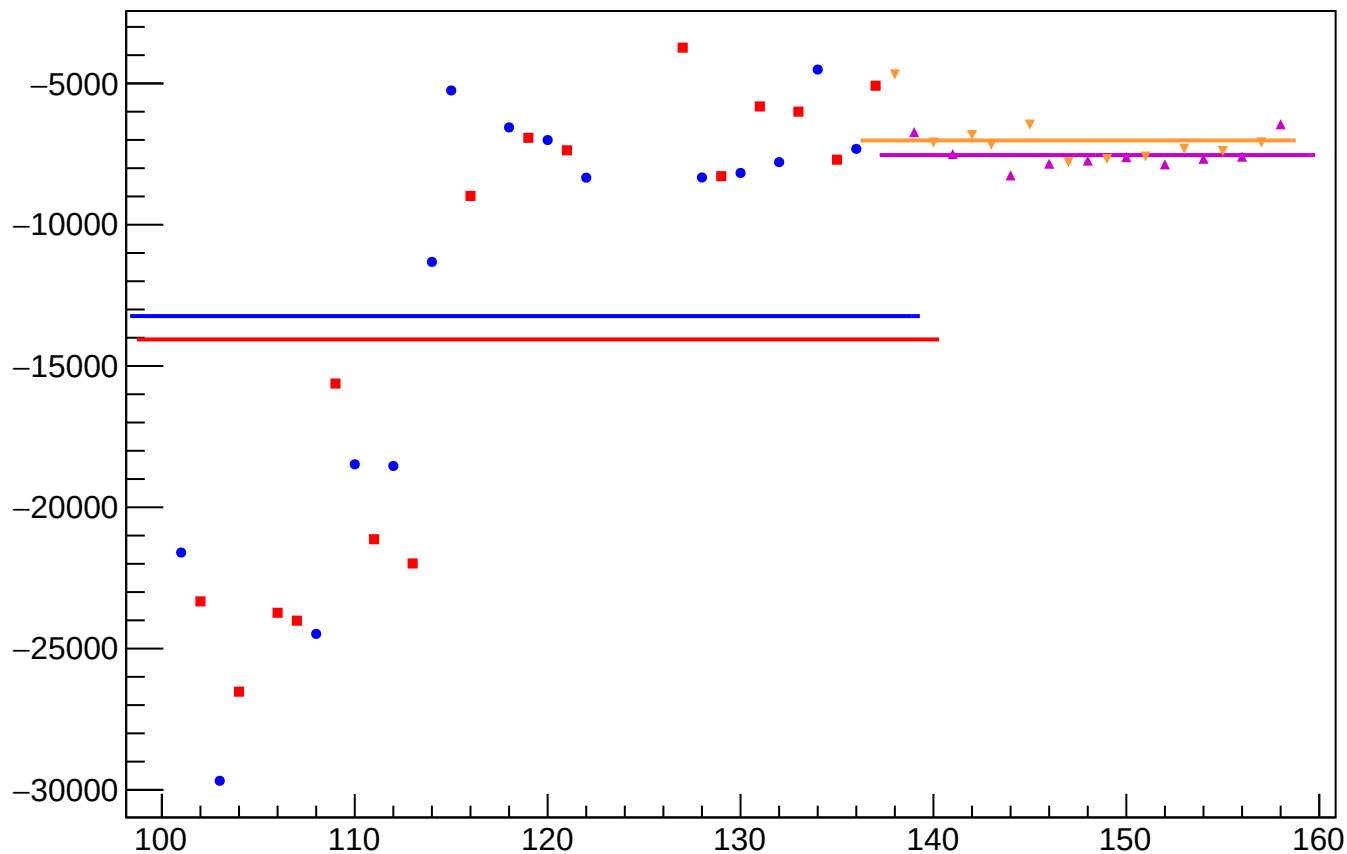
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14	+ sign 1989.829+/-0.000	χ^2/NDF : 53871292010107
Left Out: 2052.166+/-0.000	χ^2/NDF : 443628683889029316903993092577848983552.0/10	All: 2087.213+/-0.000	χ^2/NDF : 3828468931
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15	- sign 2182.607+/-0.000	χ^2/NDF : 32618585100991
Left In: 1953.968+/-0.000	χ^2/NDF : 126889861551528612715360852623587540992.0/9		

dit_atr2_coil4_Ndata_mean vs Slug



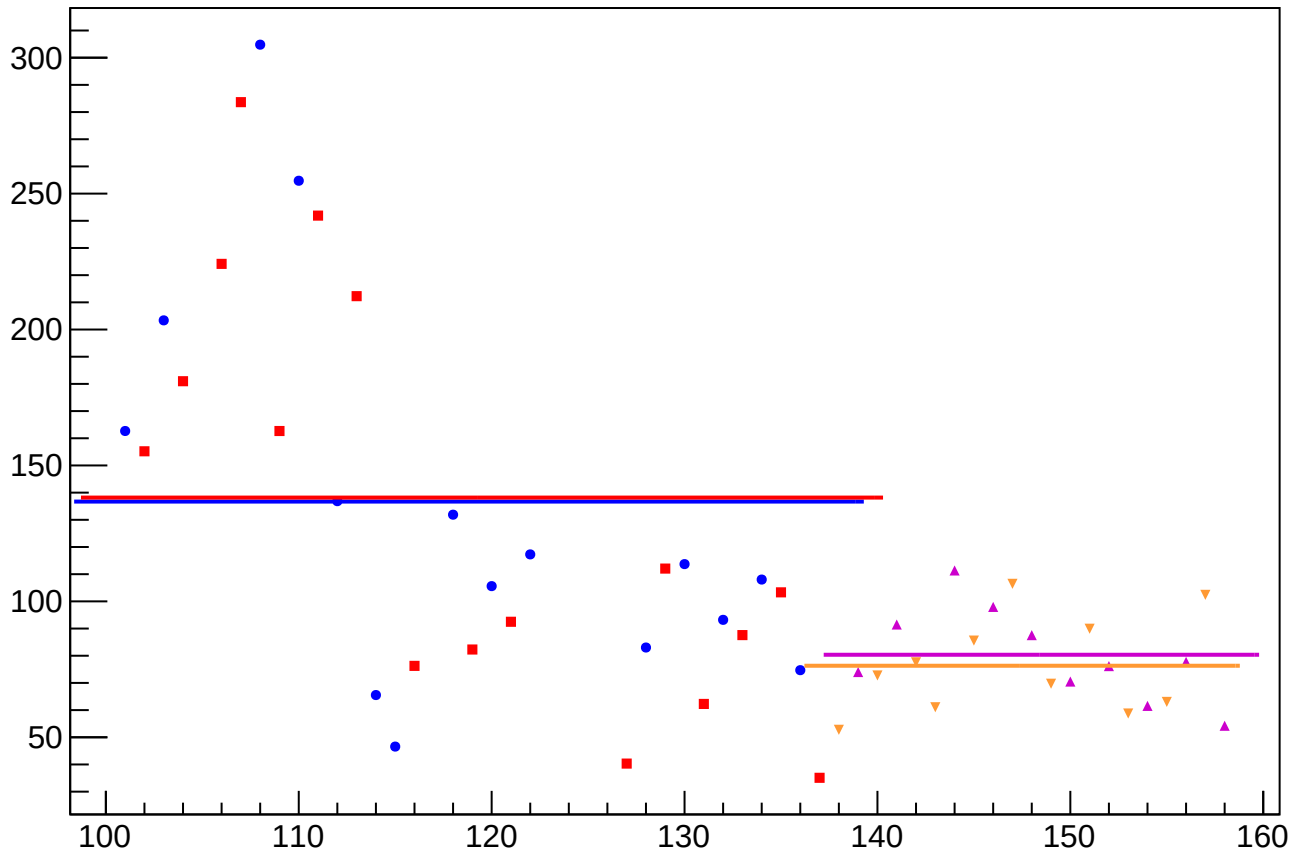
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

dit_sam1_coil4_mean vs Slug



Right In: -13233.367 ± 0.000 $\chi^2/\text{NDF}: 41257043836213043367596866559499640504320.0/14$
 Left Out: -7018.232 ± 0.000 $\chi^2/\text{NDF}: 583573452741263724534466022300956229632.0/10$
 Right Out: -14060.103 ± 0.000 $\chi^2/\text{NDF}: 44490594754280161766405556915711386845184.0/15$
 Left In: -7535.001 ± 0.000 $\chi^2/\text{NDF}: 218520934440563946892419895754359832576.0/9$

dit_sam1_coil4_err_mean vs Slug



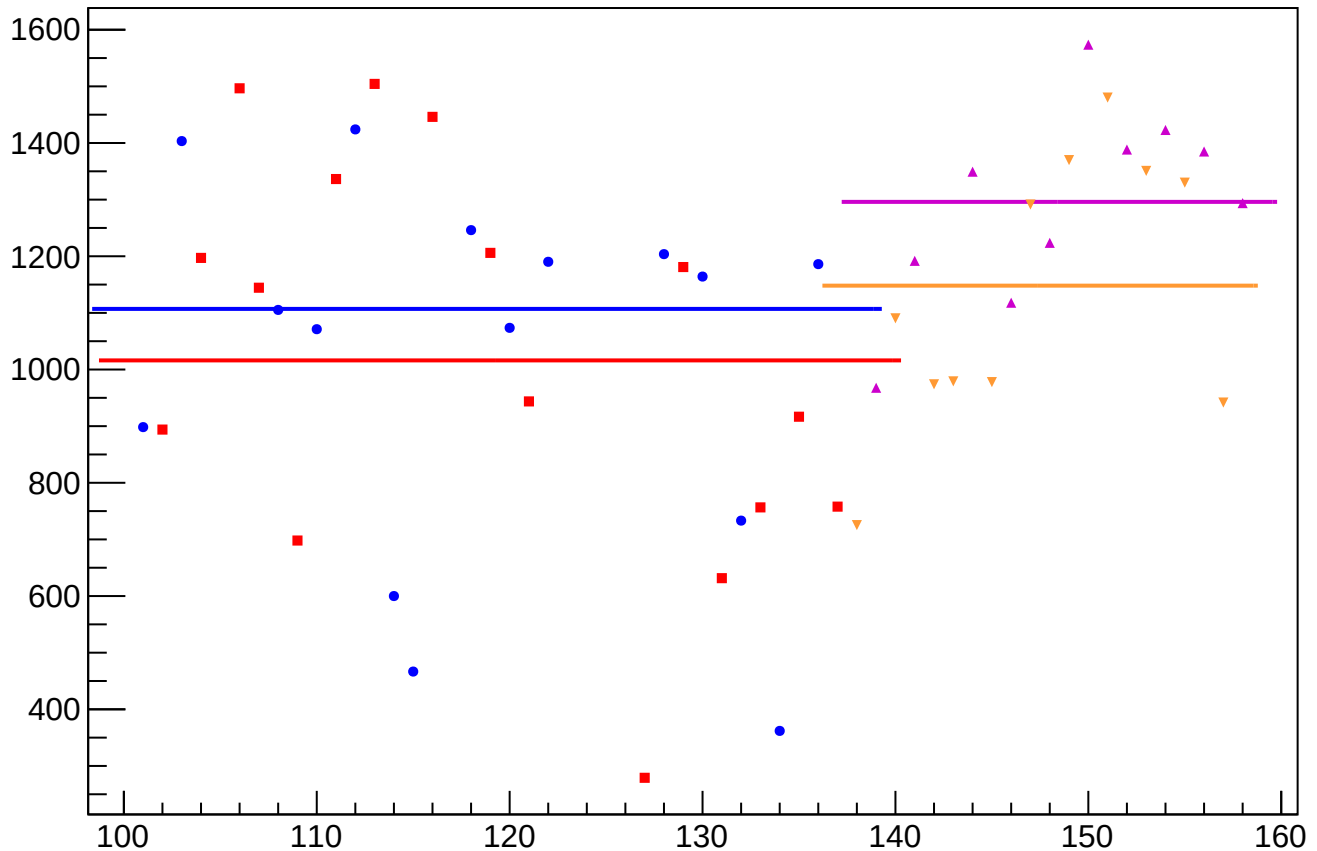
Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

Left Out: 76.317+/-0.000 χ^2/NDF : 249880724499501667003206481861410816.0/10

Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

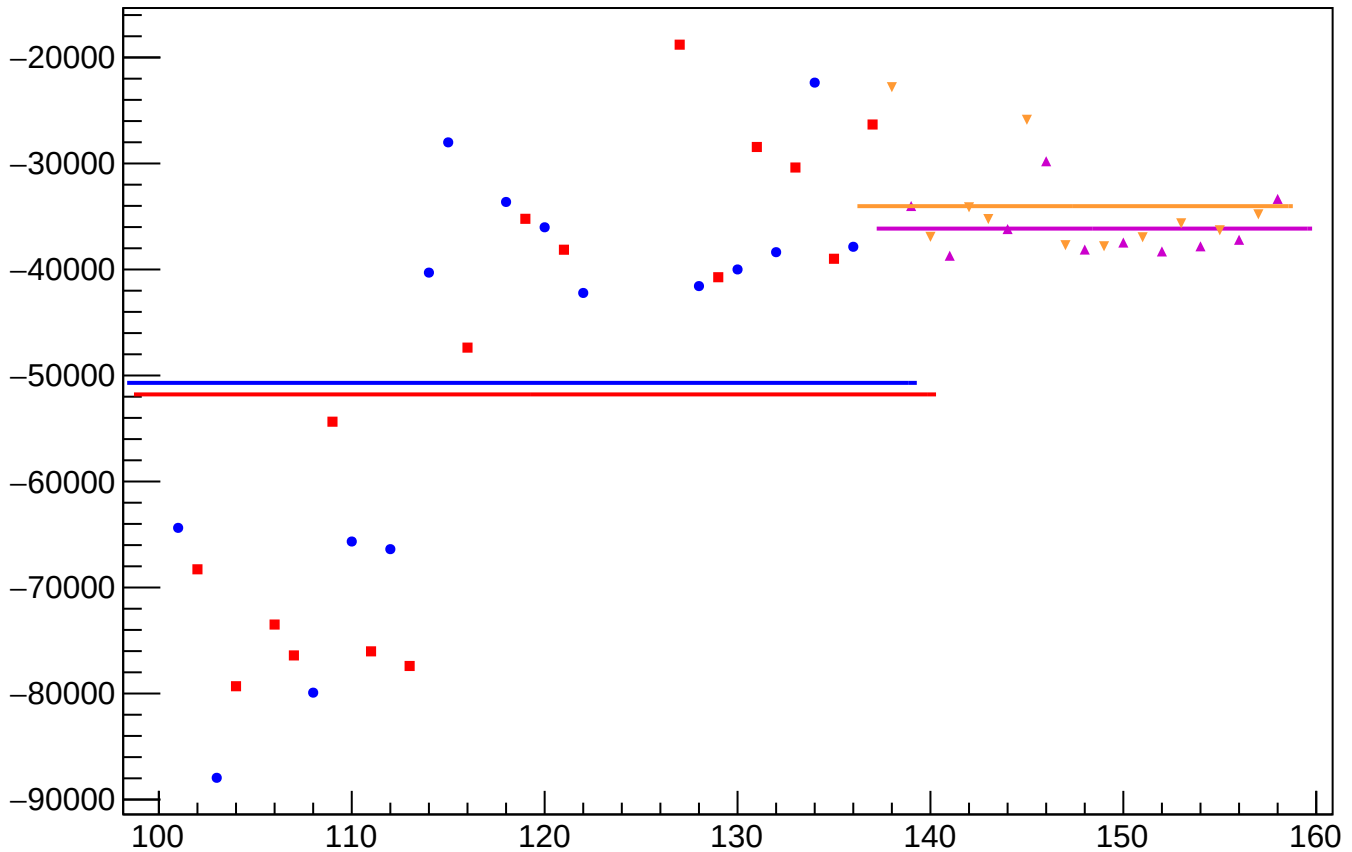
Left In: 80.357+/-0.000 χ^2/NDF : 227110962175699921814949830343000064.0/9

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

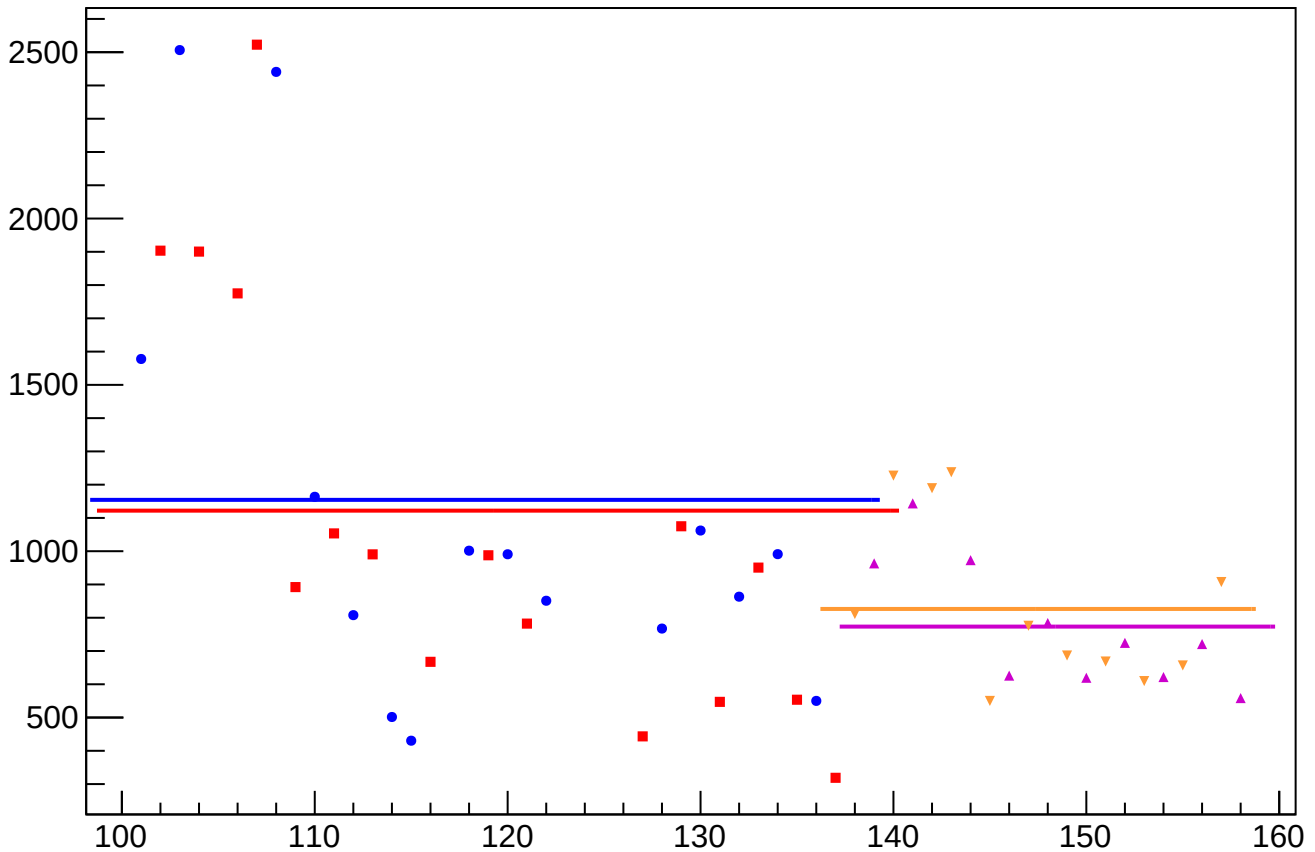
dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000	χ^2/NDF : 226613585253908576683077761132188355526656.0/14
Left Out: -34026.498+/-0.000	χ^2/NDF : 19596319950264973983540081107422515560448.0/10
Right Out: -51783.912+/-0.000	χ^2/NDF : 281789617729131996271154198472617478848512.0/15
Left In: -36143.489+/-0.000	χ^2/NDF : 6137032332459773946646990799755555110912.0/9

+ sign -41306.534+/-0.000 χ^2/NDF : 347780170172
 All: -42172.276+/-0.000 χ^2/NDF : 729334749
 - sign -43020.326+/-0.000 χ^2/NDF : 3793497985561

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

+ sign 969.645+/-0.000 χ^2/NDF : 335914487841165

Left Out: 826.442+/-0.000 χ^2/NDF : 47342993228214983200122950731358535680.0/10

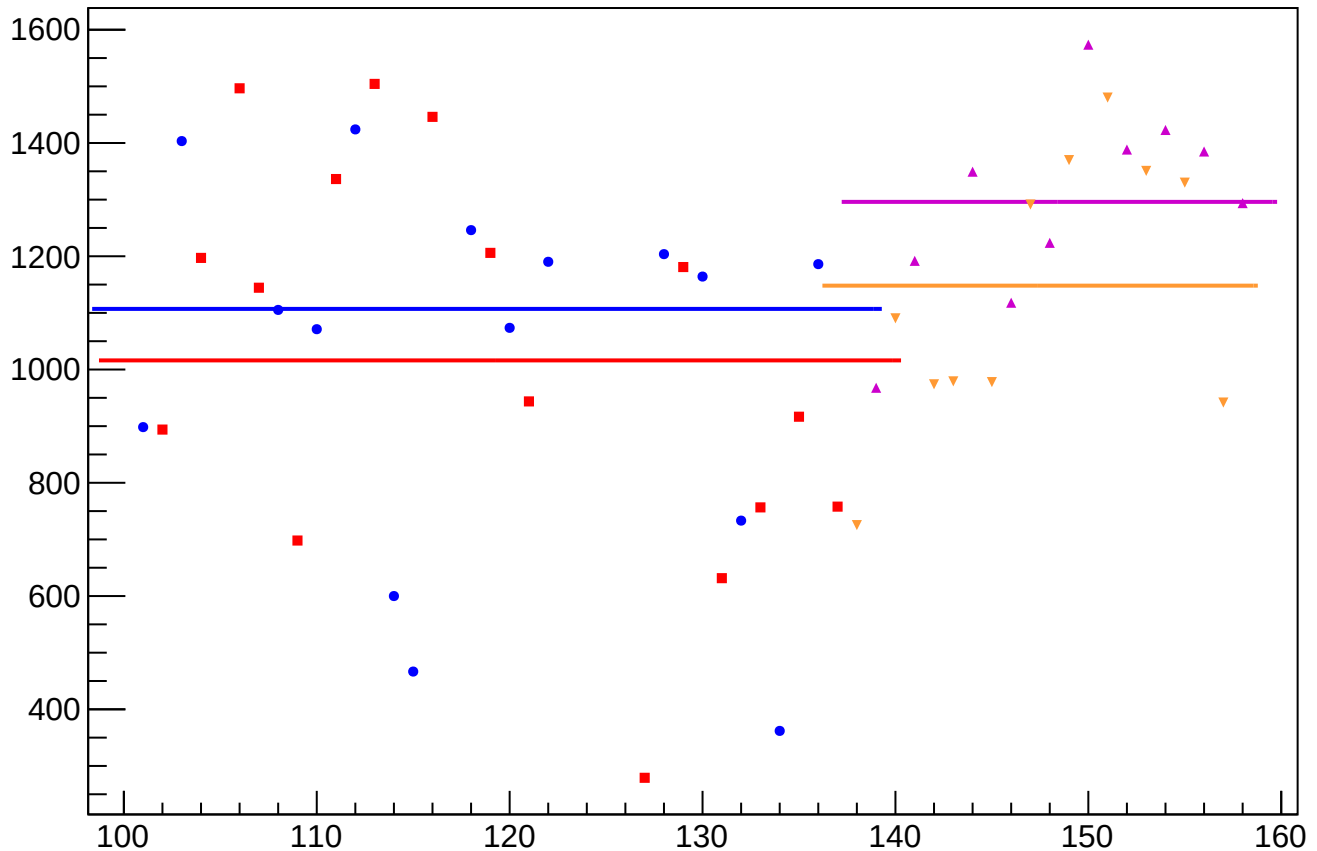
All: 947.914+/-0.000 χ^2/NDF : 637183516733

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

- sign 926.627+/-0.000 χ^2/NDF : 299879877758486

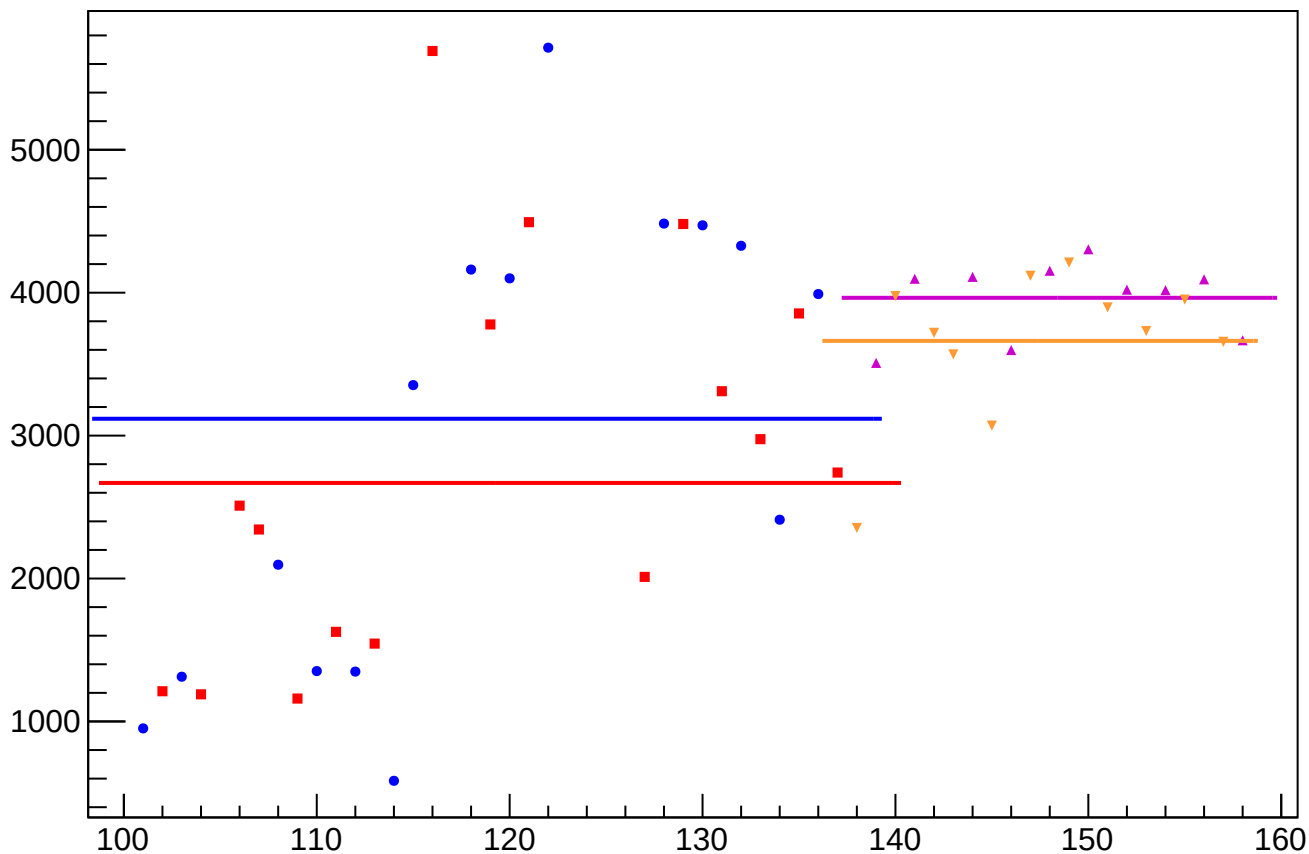
Left In: 773.369+/-0.000 χ^2/NDF : 28312949171415339792780101258433265664.0/9

dit_sam2_coil4_Ndata_mean vs Slug



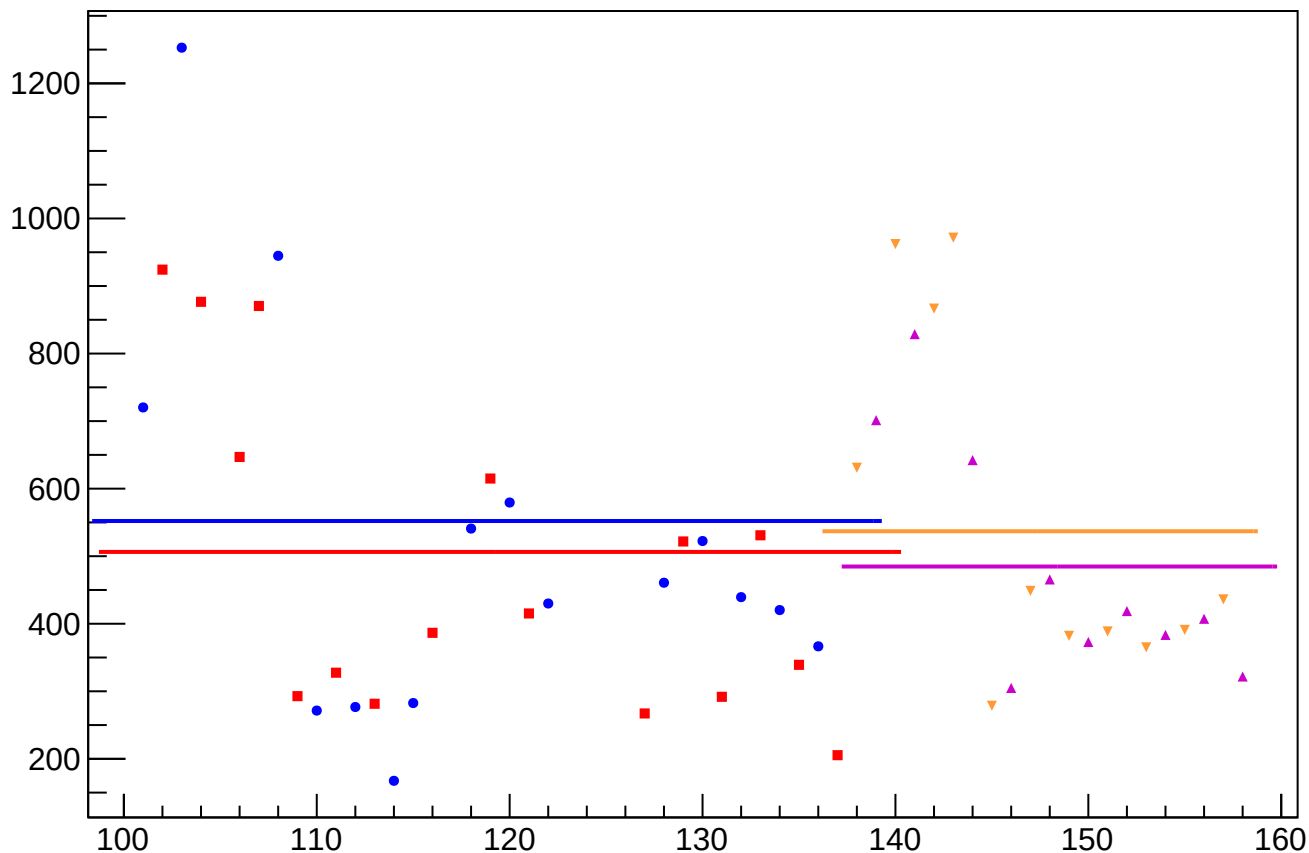
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3424.803+/-0.000	χ^2/NDF : 18848256956311
Left Out: 3662.761+/-0.000	χ^2/NDF : 223569287264370327313144562205157490688.0/10	All: 3409.549+/-0.000	χ^2/NDF : 37028798262
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3394.607+/-0.000	χ^2/NDF : 18173696934308
Left In: 3964.157+/-0.000	χ^2/NDF : 53856119935619583920940086930245156864.0/9		

dit_sam3_coil4_err_mean vs Slug



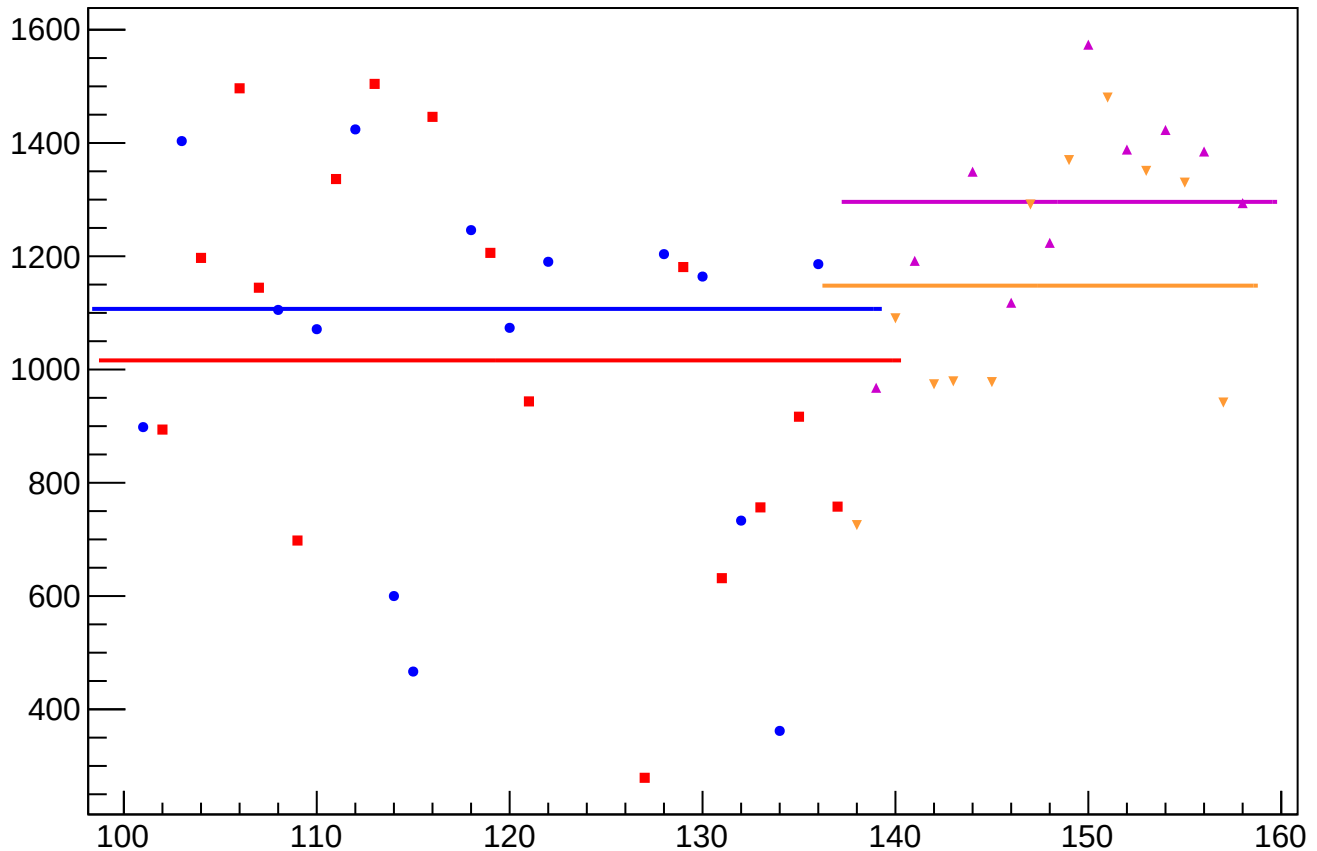
Right In: 552.108 $\pm$ 0.000 χ^2 /NDF: 50739041741159119848523988236001869824.0/14

Left Out: 536.935 $\pm$ 0.000 χ^2 /NDF: 47910409962289089684828455982050836480.0/10

Right Out: 506.345 $\pm$ 0.000 χ^2 /NDF: 37181653297314883501659131806010572800.0/15

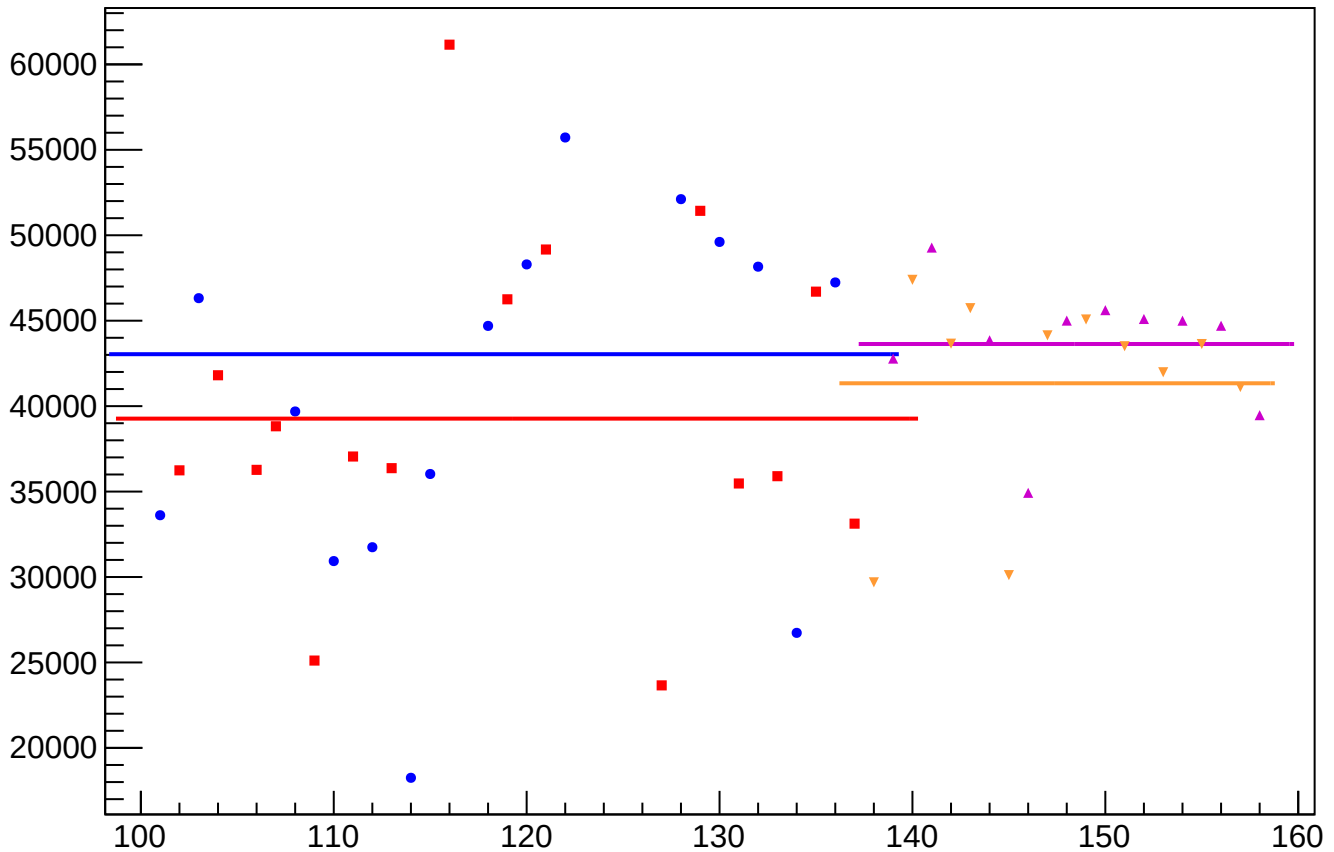
Left In: 484.720 $\pm$ 0.000 χ^2 /NDF: 23837201947881500130376459770379894784.0/9

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 +/- 0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1296.034 +/- 0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

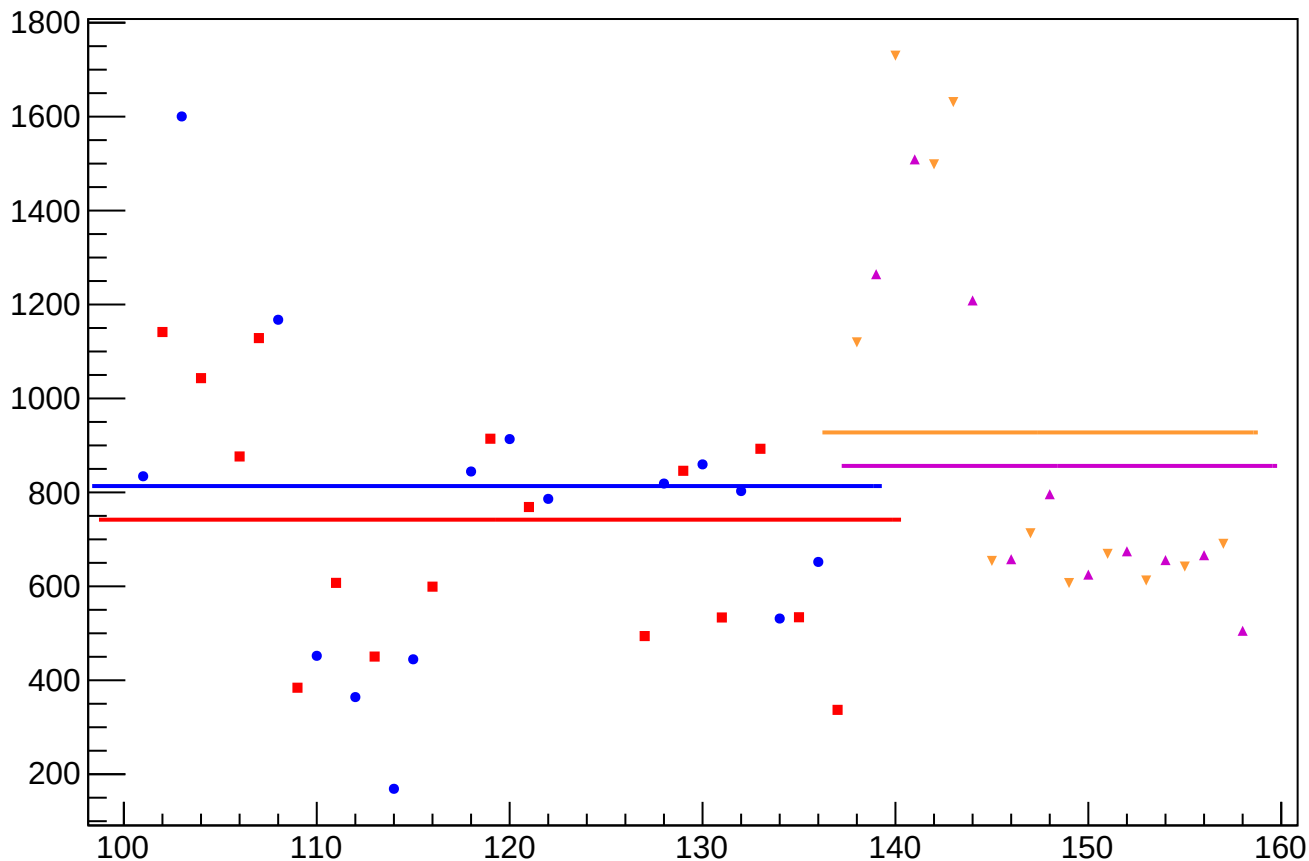
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41337.737+/-0.000	χ^2/NDF : 27949765471340929093467611097003408228352.0/10
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43636.048+/-0.000	χ^2/NDF : 11429330763941933134043199111604576714752.0/9

+ sign 42081.157+/-0.000 χ^2/NDF : 7740599251091
 All: 41896.797+/-0.000 χ^2/NDF : 1479337619
 - sign 41716.204+/-0.000 χ^2/NDF : 7042778747610

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 927.654+/-0.000 χ^2/NDF : 146609762564830177342602743907042197504.0/10

Right Out: 741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

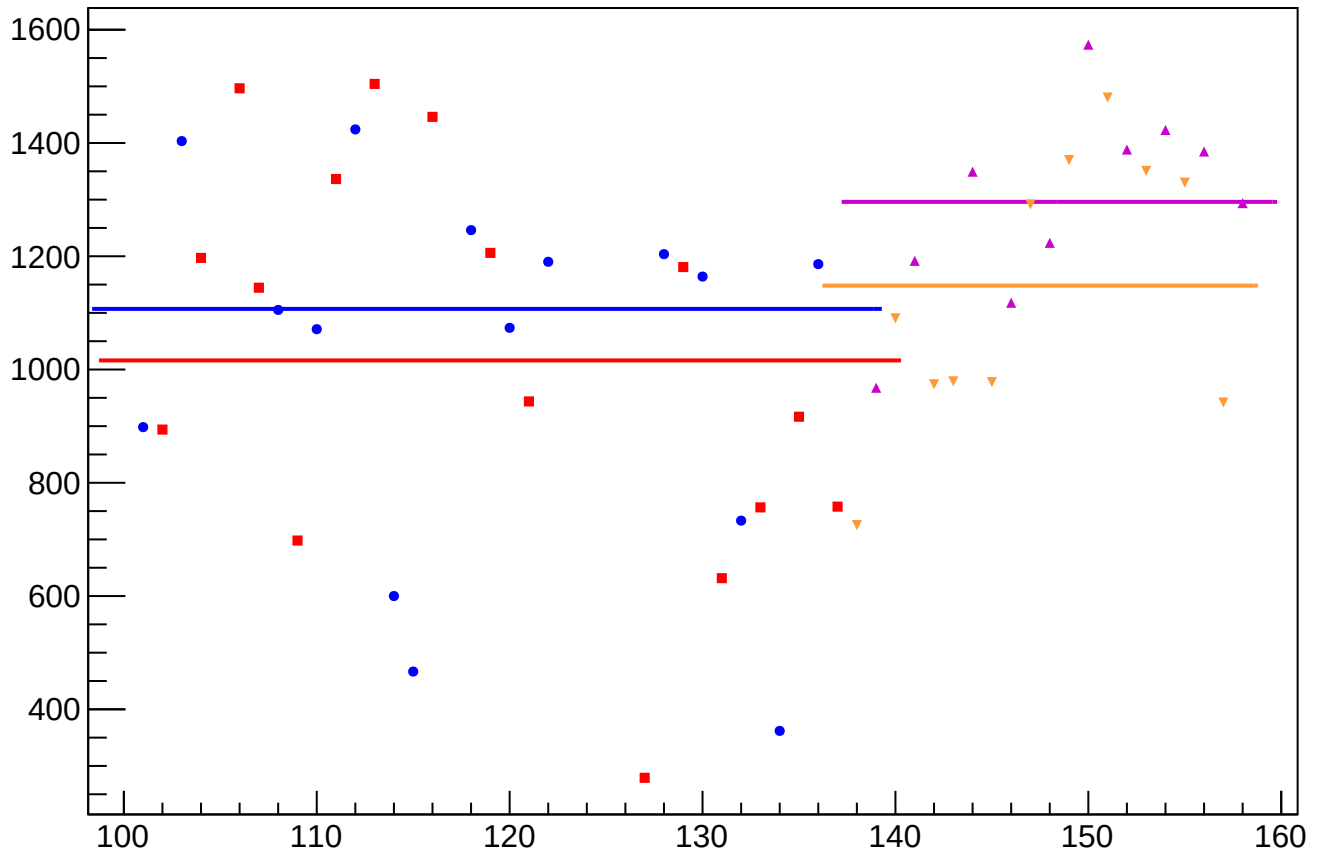
Left In: 856.395+/-0.000 χ^2/NDF : 88523329351140405321858406601386360832.0/9

+ sign 877.798+/-0.000 χ^2/NDF : 218494226531123

All: 841.558+/-0.000 χ^2/NDF : 359853414130

- sign 806.058+/-0.000 χ^2/NDF : 137495766728413

dit_sam4_coil4_Ndata_mean vs Slug



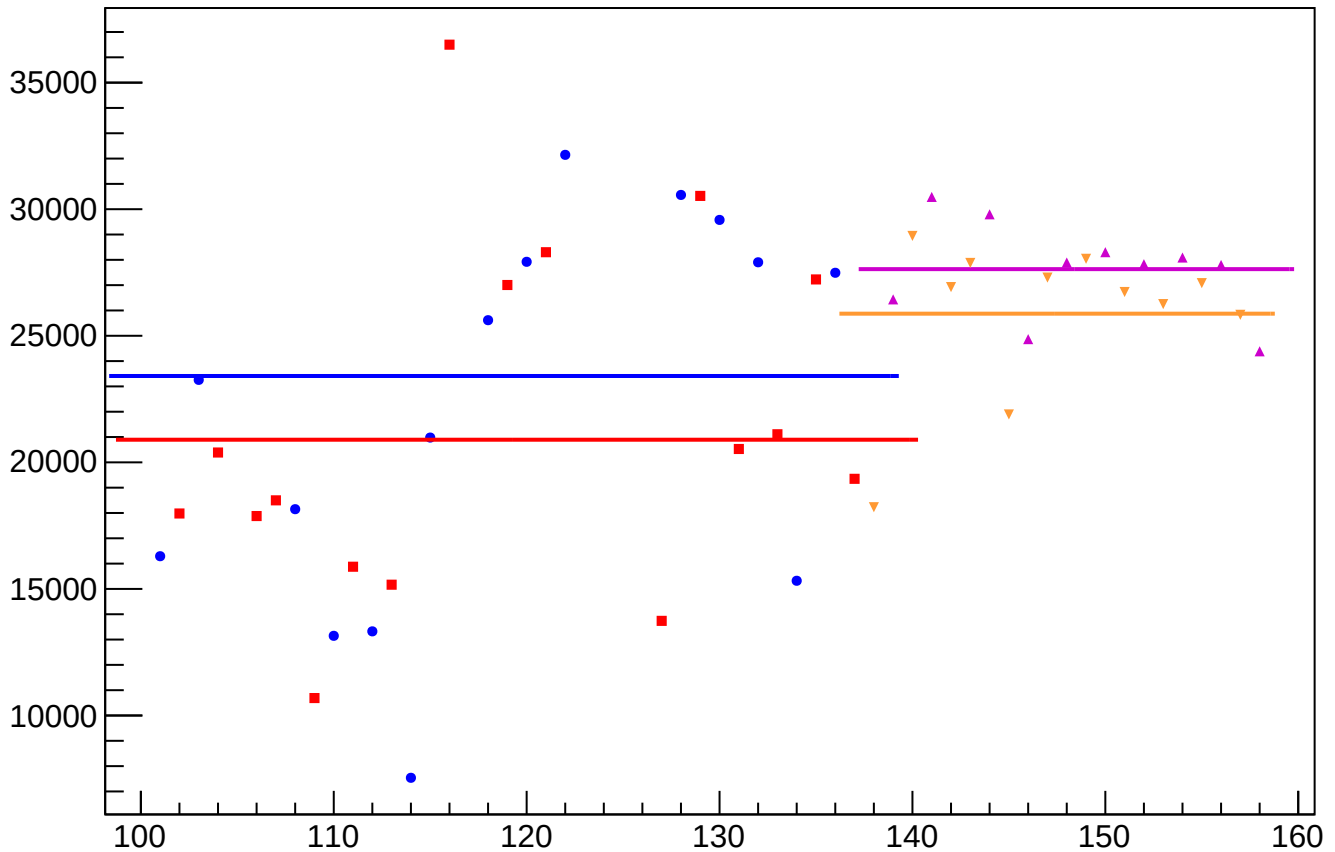
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

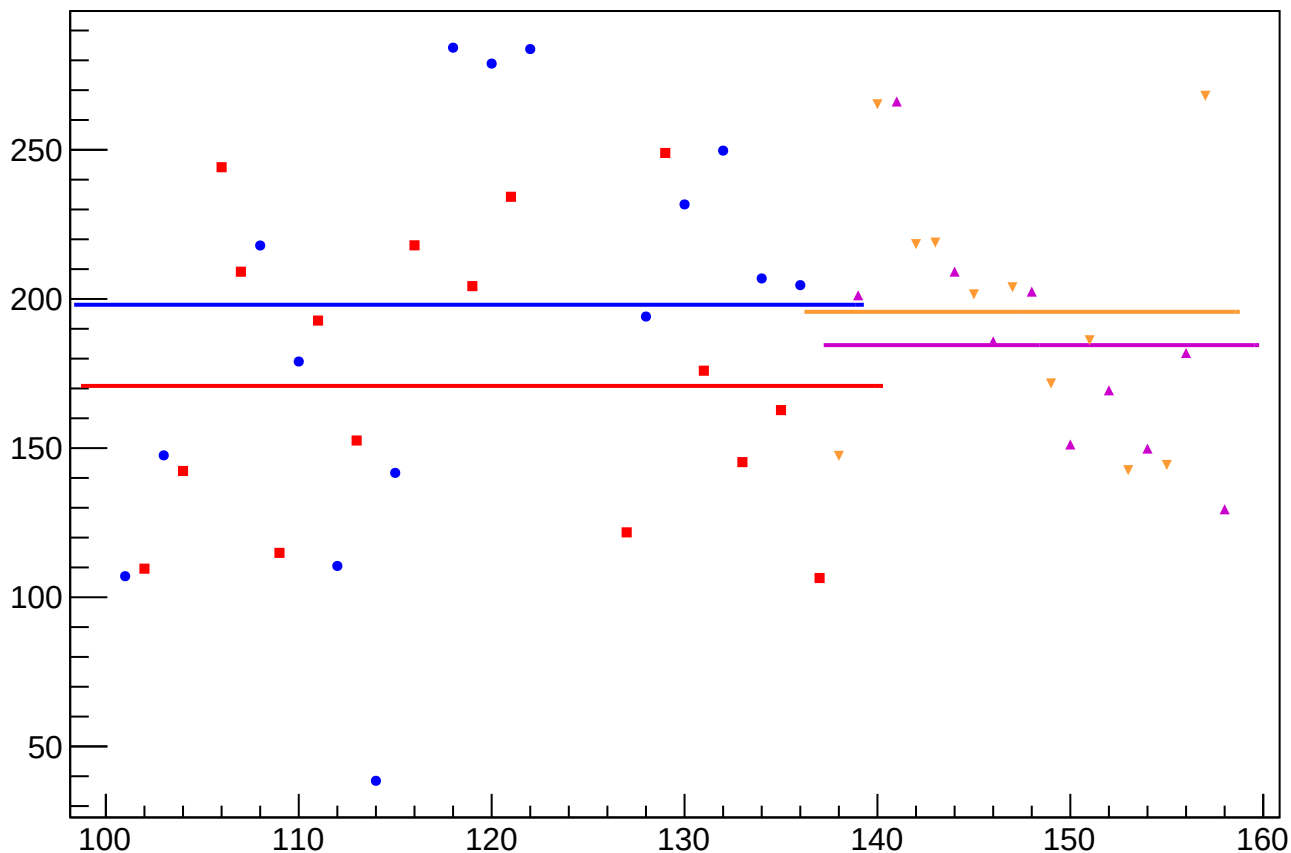
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 25873.156+/-0.000	χ^2/NDF : 7675168257851746583385114467796057587712.0/10
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27632.659+/-0.000	χ^2/NDF : 2783418668320667126159563265788054863872.0/9

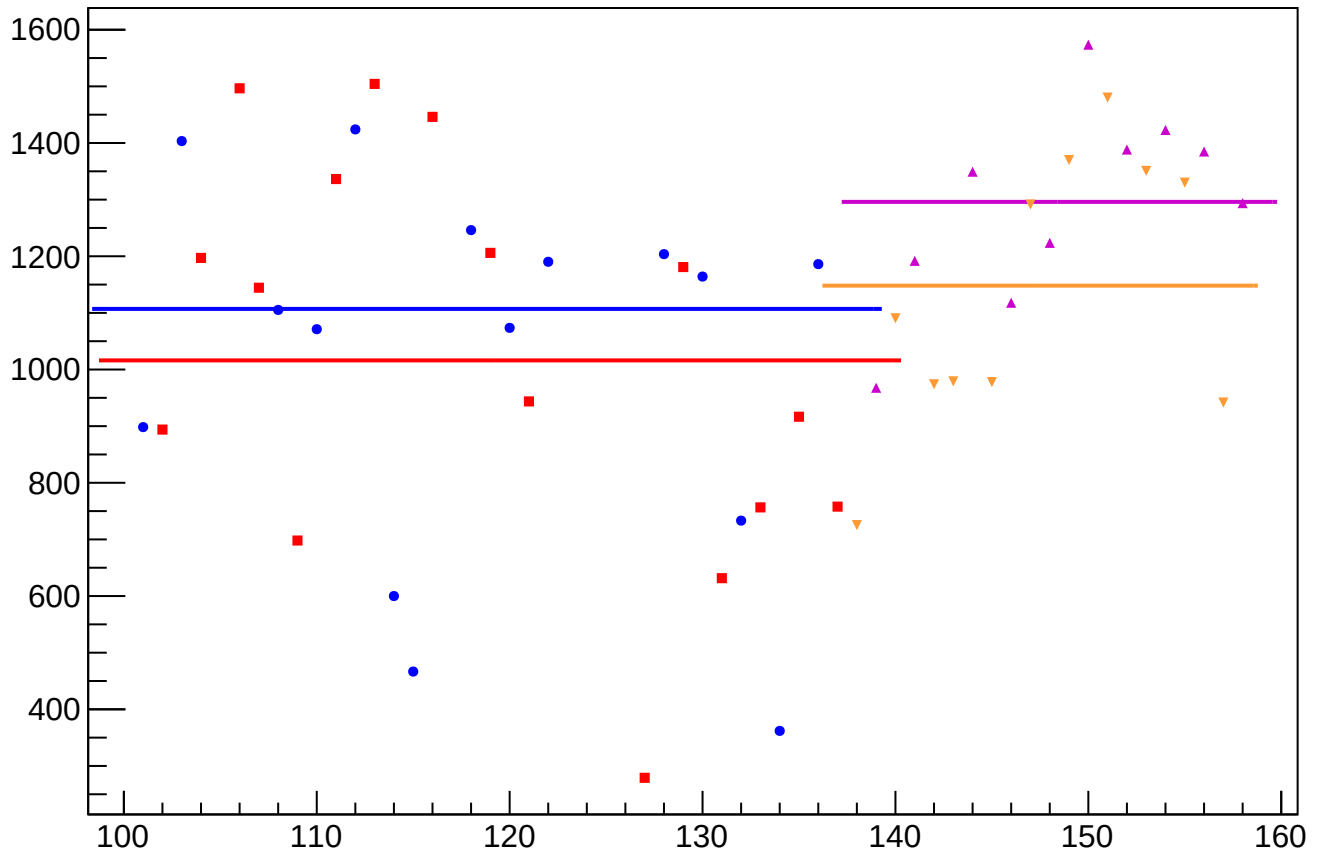
+ sign 24798.048+/-0.000 χ^2/NDF : 3831777981101
 All: 24733.280+/-0.000 χ^2/NDF : 8549283976
 - sign 24669.835+/-0.000 χ^2/NDF : 4716271996486

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056 ± 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 195.693 ± 0.000 χ^2/NDF : 1566885437638741284909253004932153344.0/10
 Right Out: 170.851 ± 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 184.523 ± 0.000 χ^2/NDF : 1144639780252590594649768746230480896.0/9

dit_sam5_coil4_Ndata_mean vs Slug



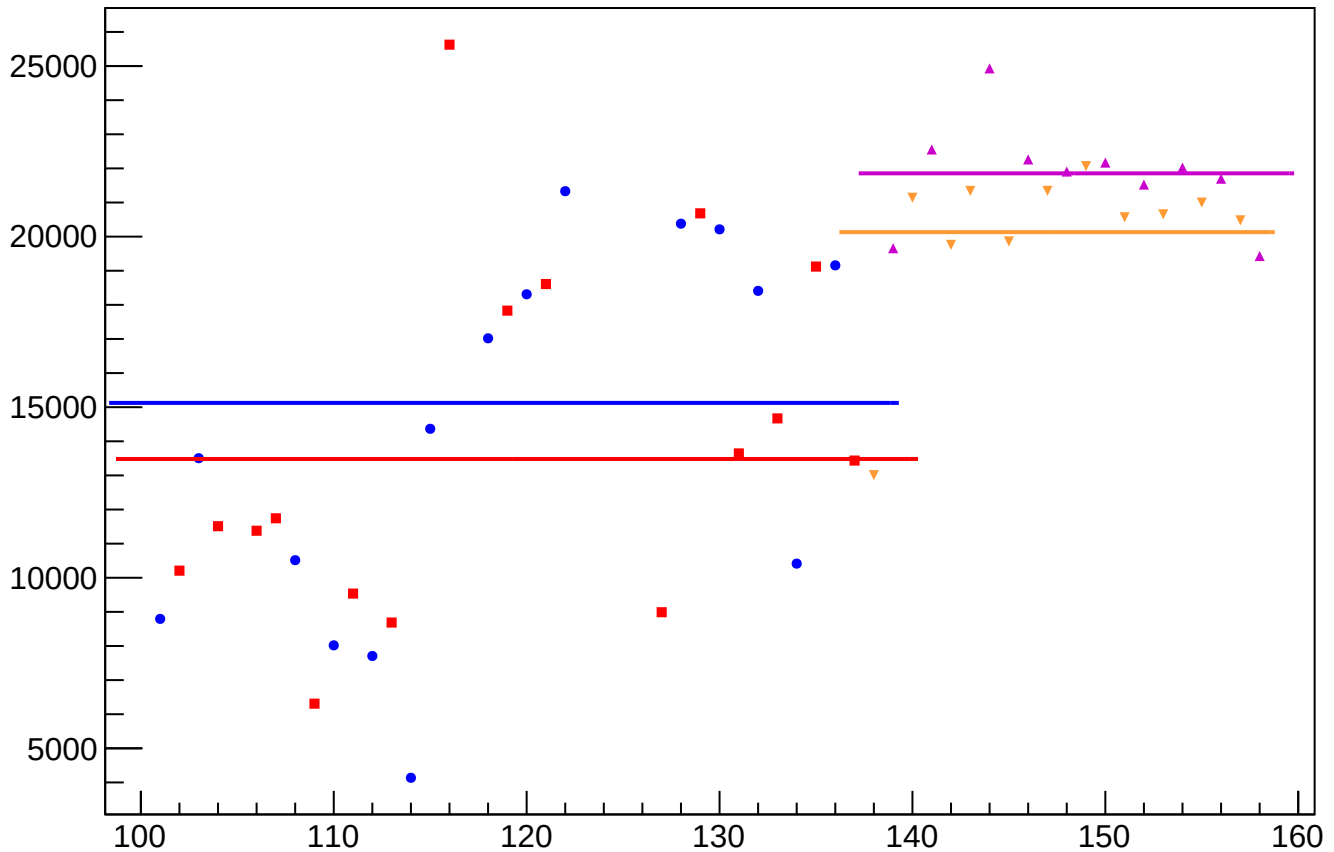
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

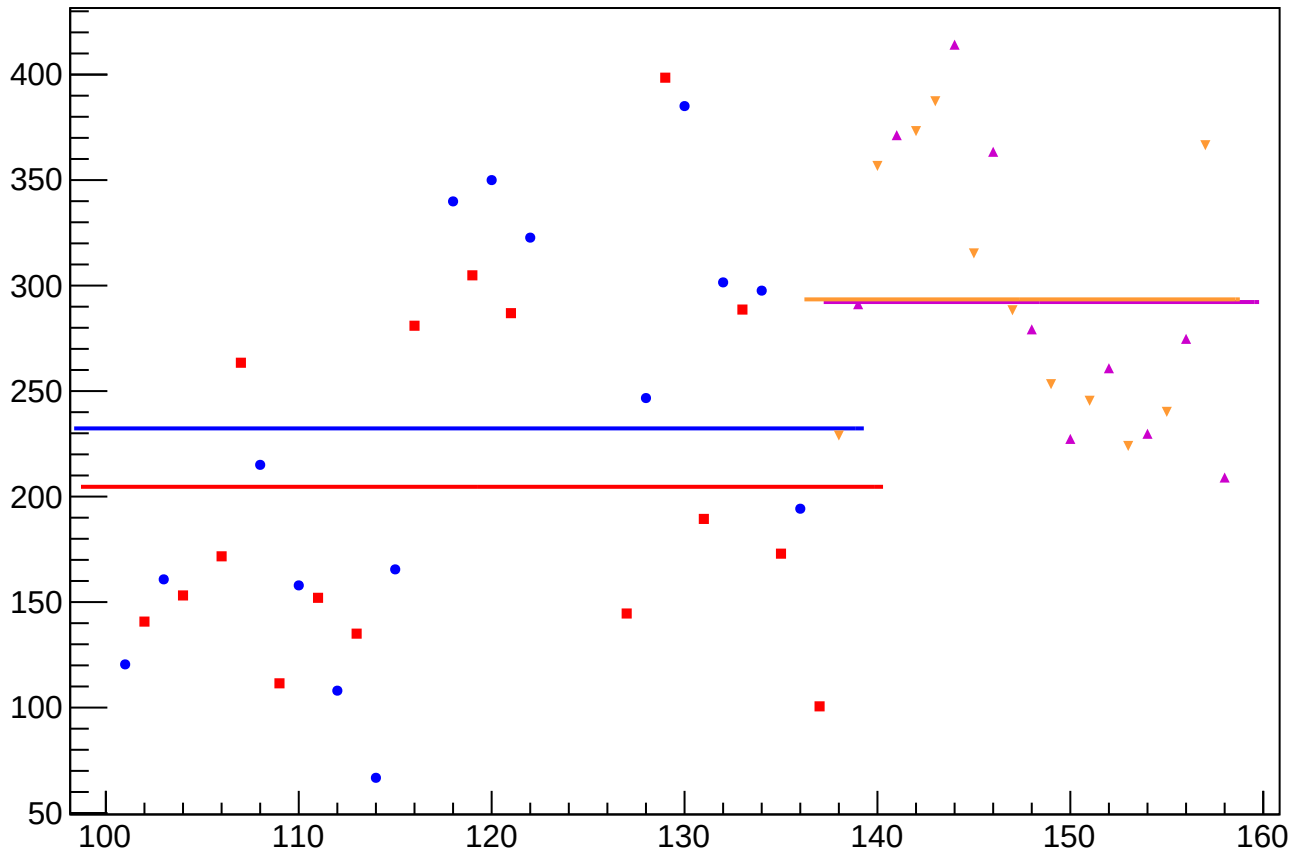
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20131.629+/-0.000	χ^2/NDF : 4689038014561601220681597725691659419648.0/10
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21855.226+/-0.000	χ^2/NDF : 1787592275245225707010455899226505216000.0/9

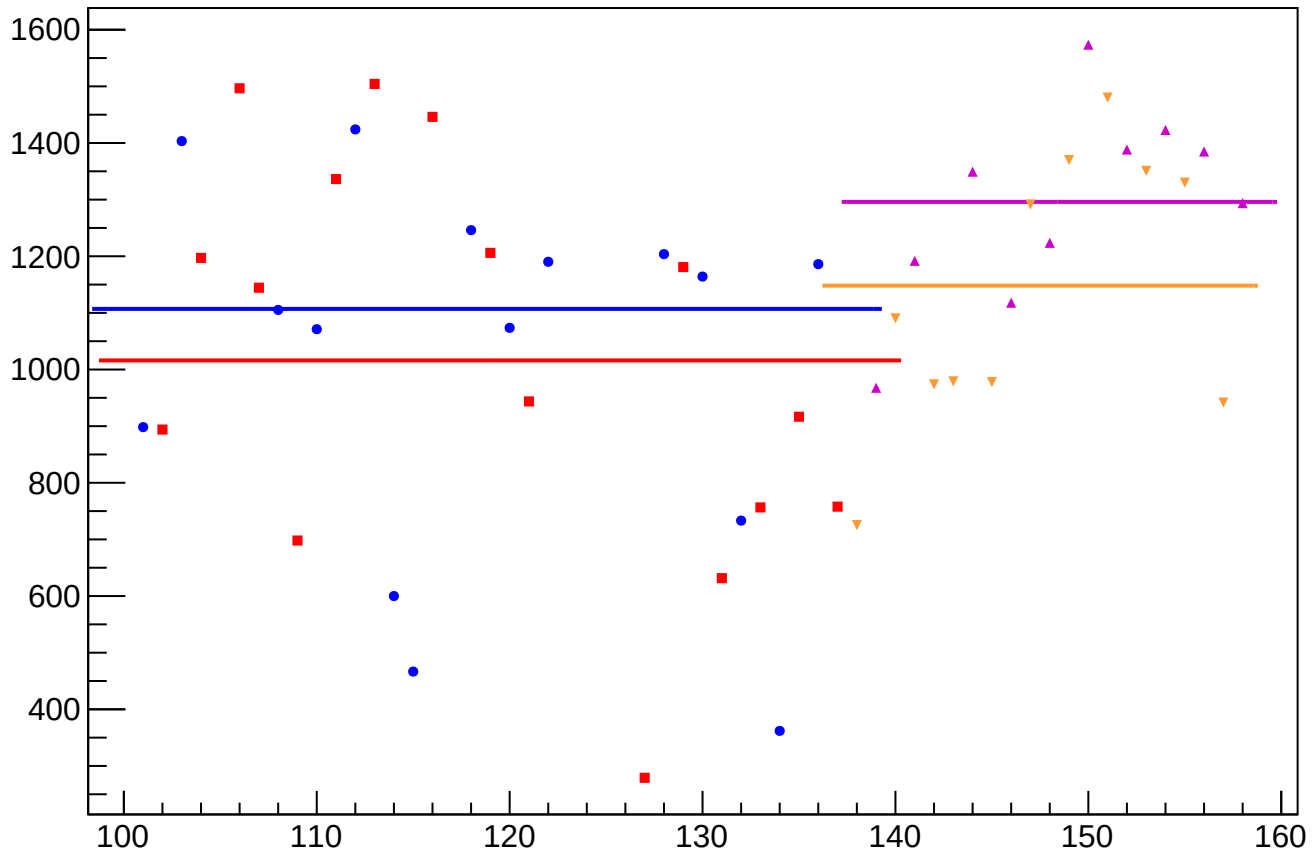
+ sign 17945.383+/-0.000 χ^2/NDF : 3046451994348
 All: 18060.752+/-0.000 χ^2/NDF : 7440279077
 - sign 18173.764+/-0.000 χ^2/NDF : 4389911778771

dit_sam6_coil4_err_mean vs Slug



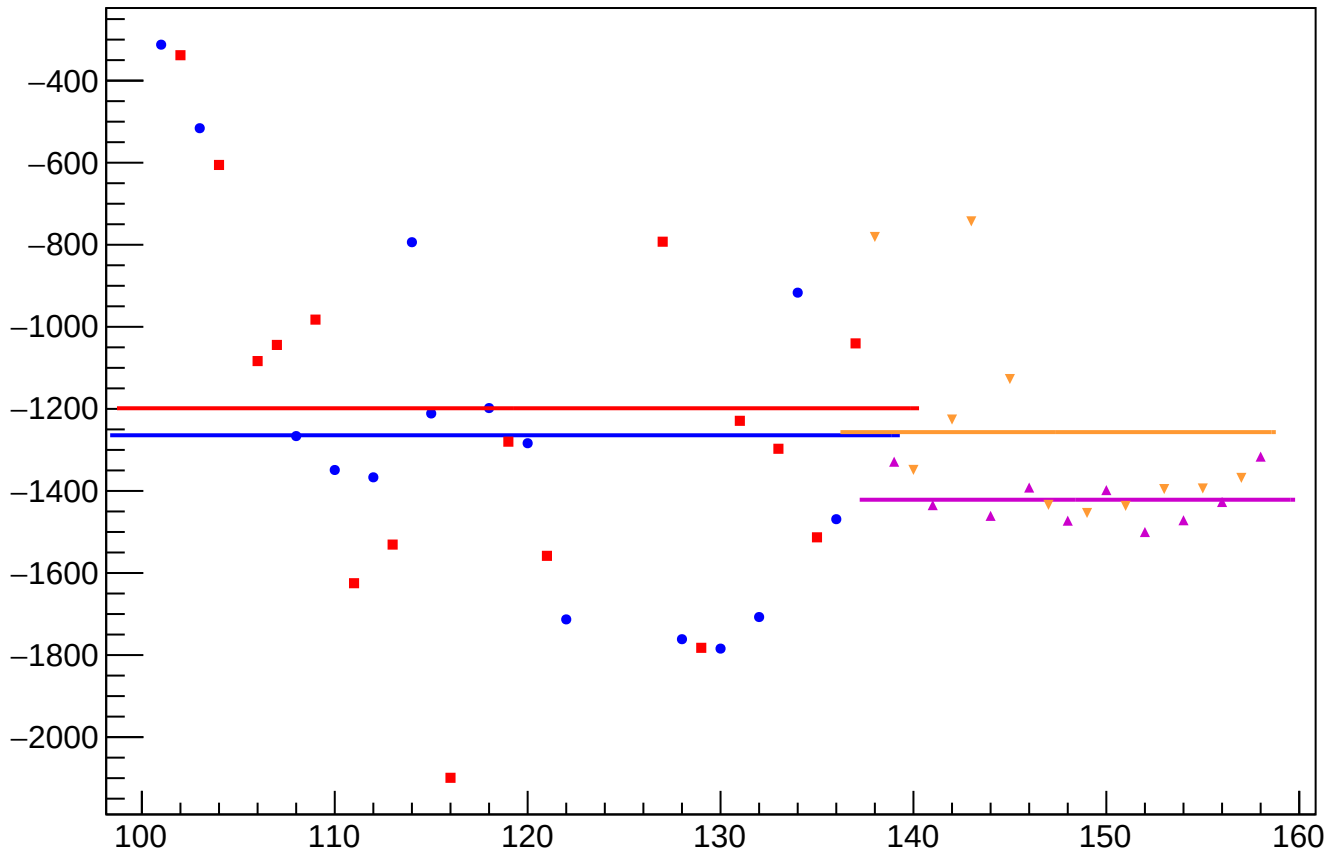
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 293.460+/-0.000 χ^2/NDF : 2948834676482267745736379514860077056.0/10
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 292.203+/-0.000 χ^2/NDF : 3690556831892914723066513376805912576.0/9

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

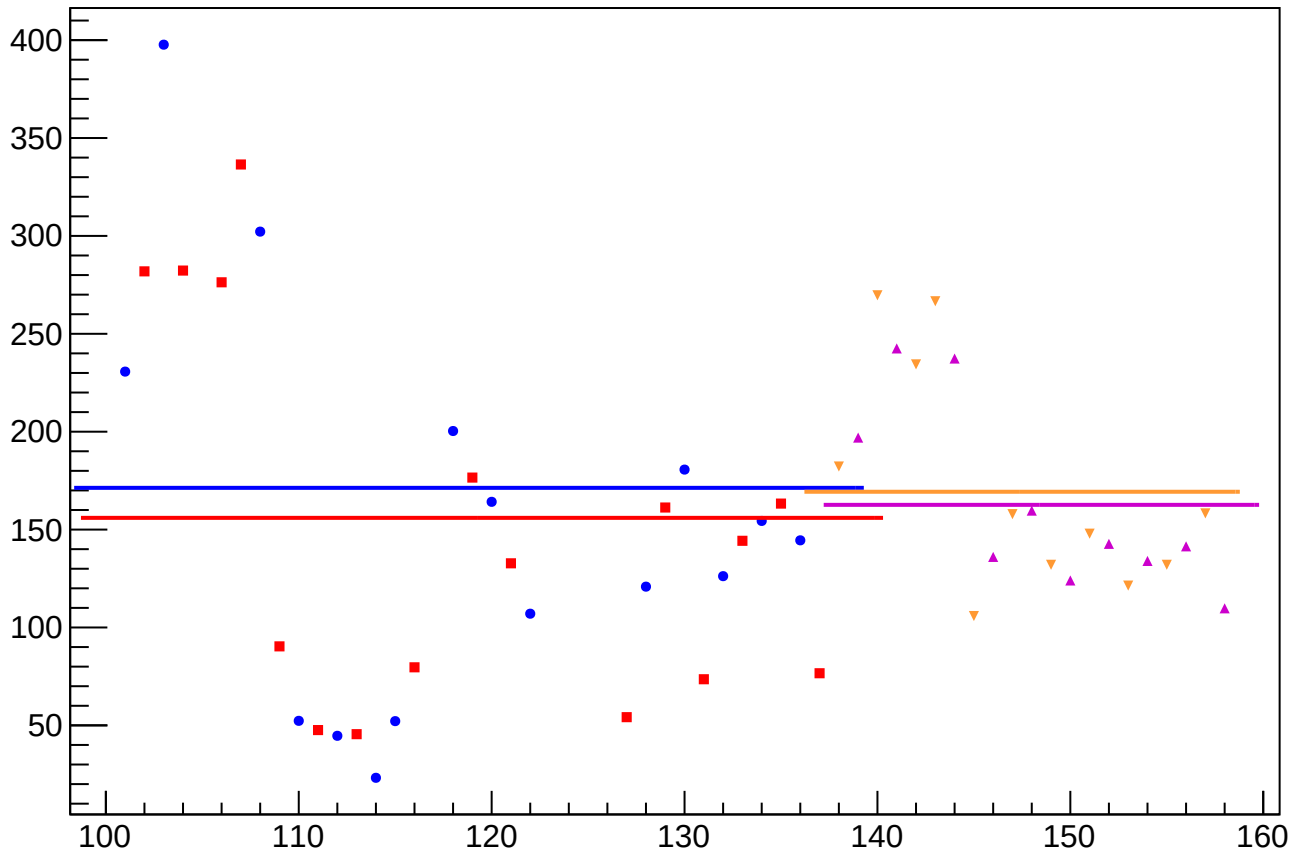
dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000	χ^2/NDF : 140215251538502657549173994543931981824.0/14
Left Out: -1256.608+/-0.000	χ^2/NDF : 49755521480072479420444981921904066560.0/10
Right Out: -1198.483+/-0.000	χ^2/NDF : 131164763898016793515492217696167133184.0/15
Left In: -1421.426+/-0.000	χ^2/NDF : 2847955919513947010630233595532279808.0/9

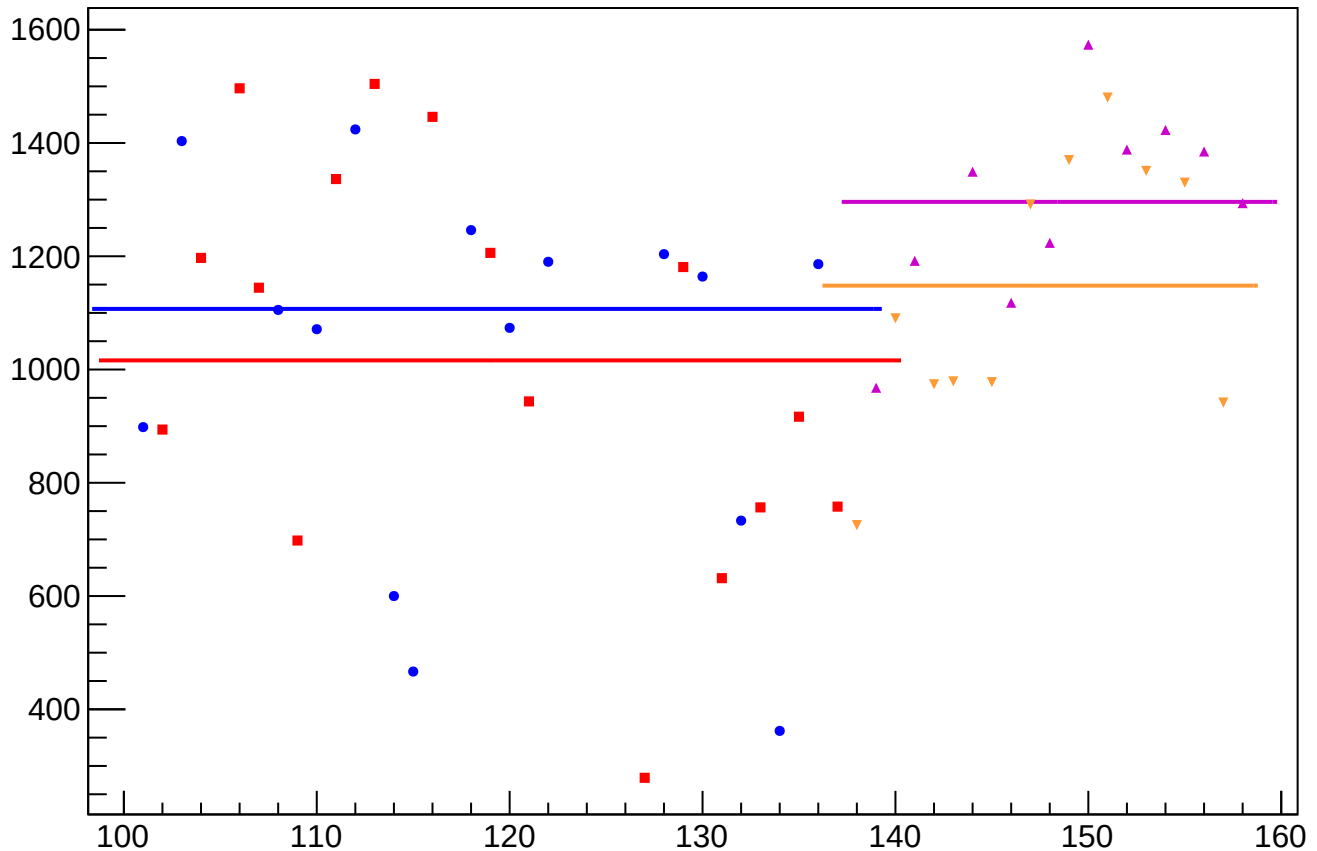
+ sign -1259.968+/-0.000 χ^2/NDF : 1899924179412
 All: -1292.013+/-0.000 χ^2/NDF : 3456014530
 - sign -1323.402+/-0.000 χ^2/NDF : 15258847326474

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 169.323+/-0.000 χ^2/NDF : 2472740653390791554905946749598171136.0/10
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 162.632+/-0.000 χ^2/NDF : 1700160528597237199448800386328035328.0/9

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

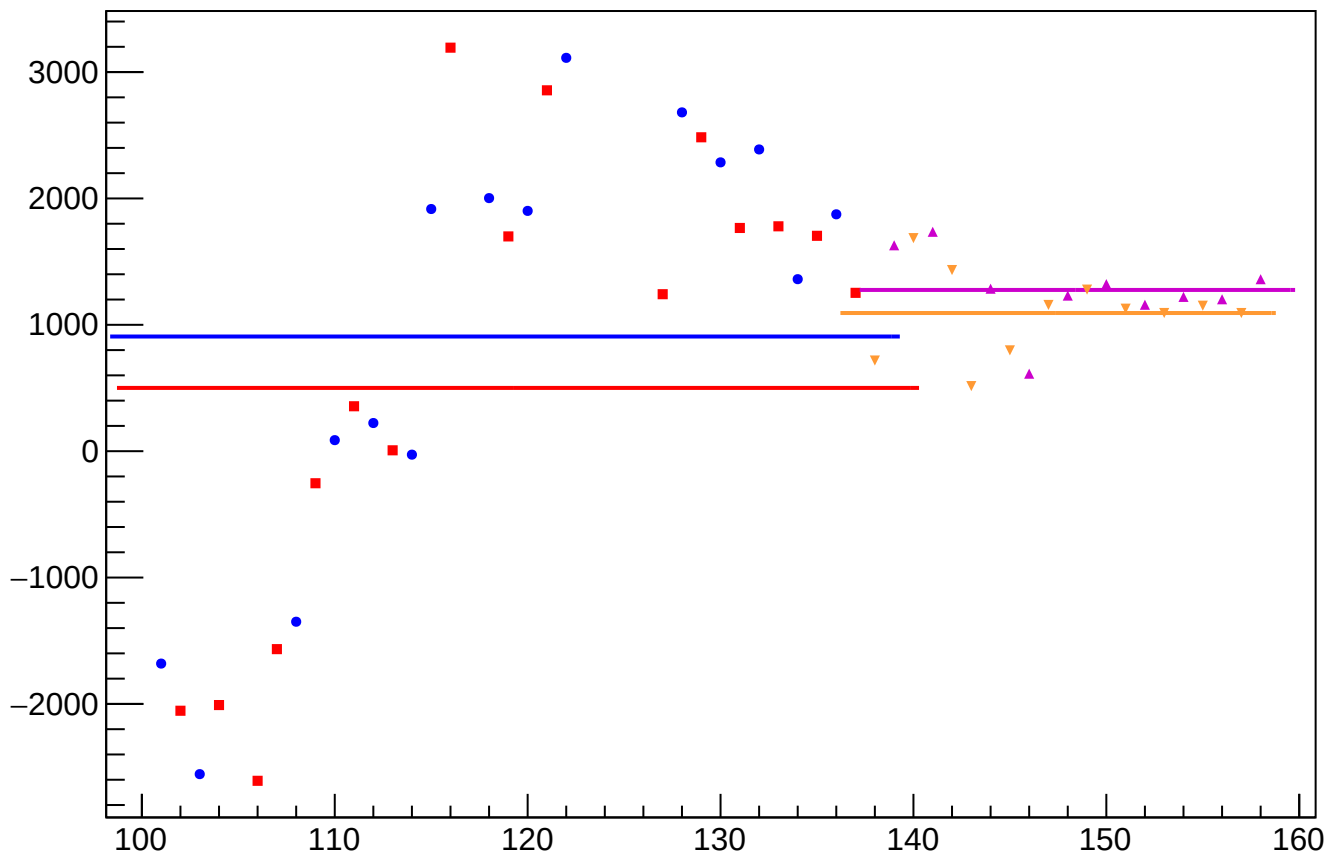
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1130.179+/-0.000 χ^2/NDF : 84853376247429

All: 1151.788+/-0.000 χ^2/NDF : 21087408015

- sign 1172.955+/-0.000 χ^2/NDF : 12464716969780

dit_sam8_coil4_mean vs Slug



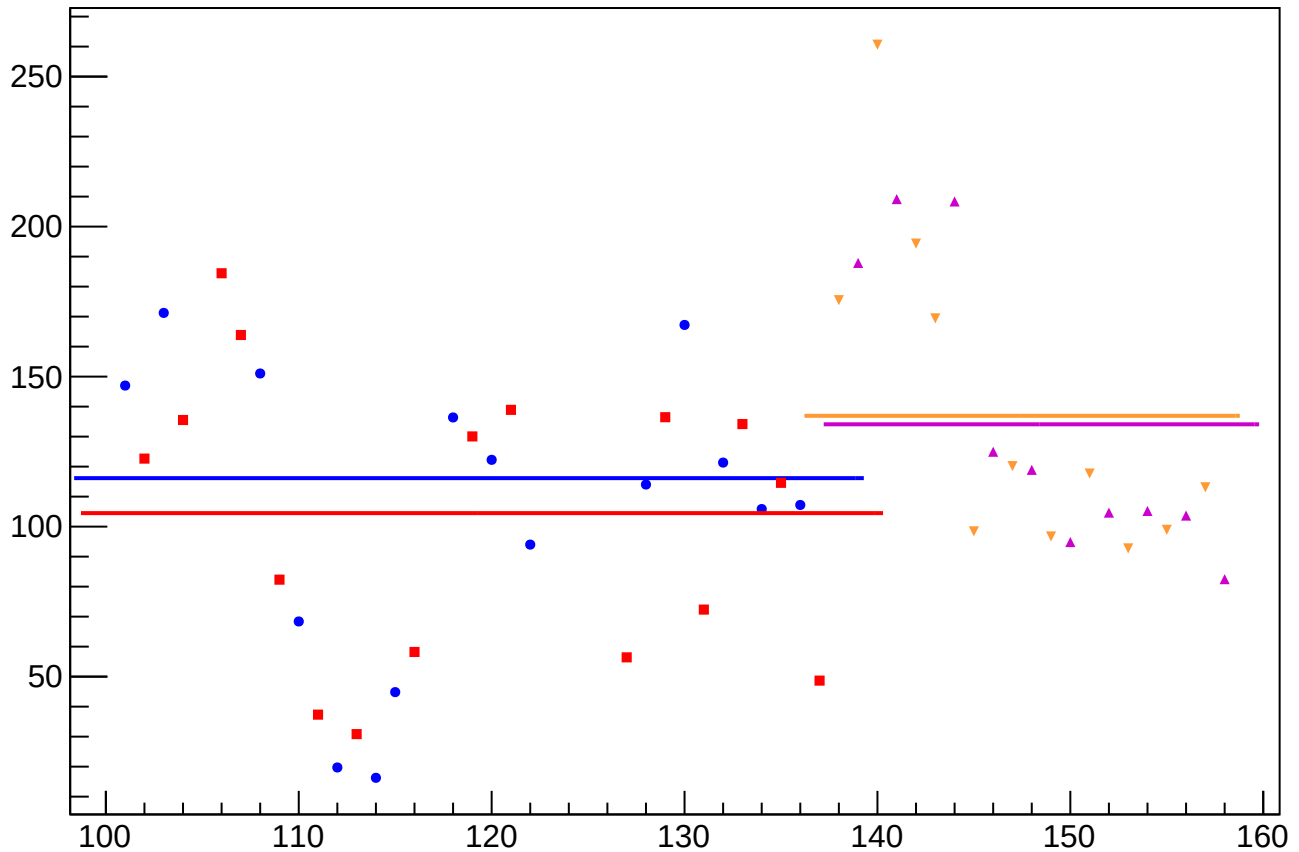
Right In: 907.442 $\pm$ 0.000 χ^2 /NDF: 2107238007691848638499662178406566461440.0/14

Left Out: 1093.414 $\pm$ 0.000 χ^2 /NDF: 78195057845273962261210294994962743296.0/10

Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15

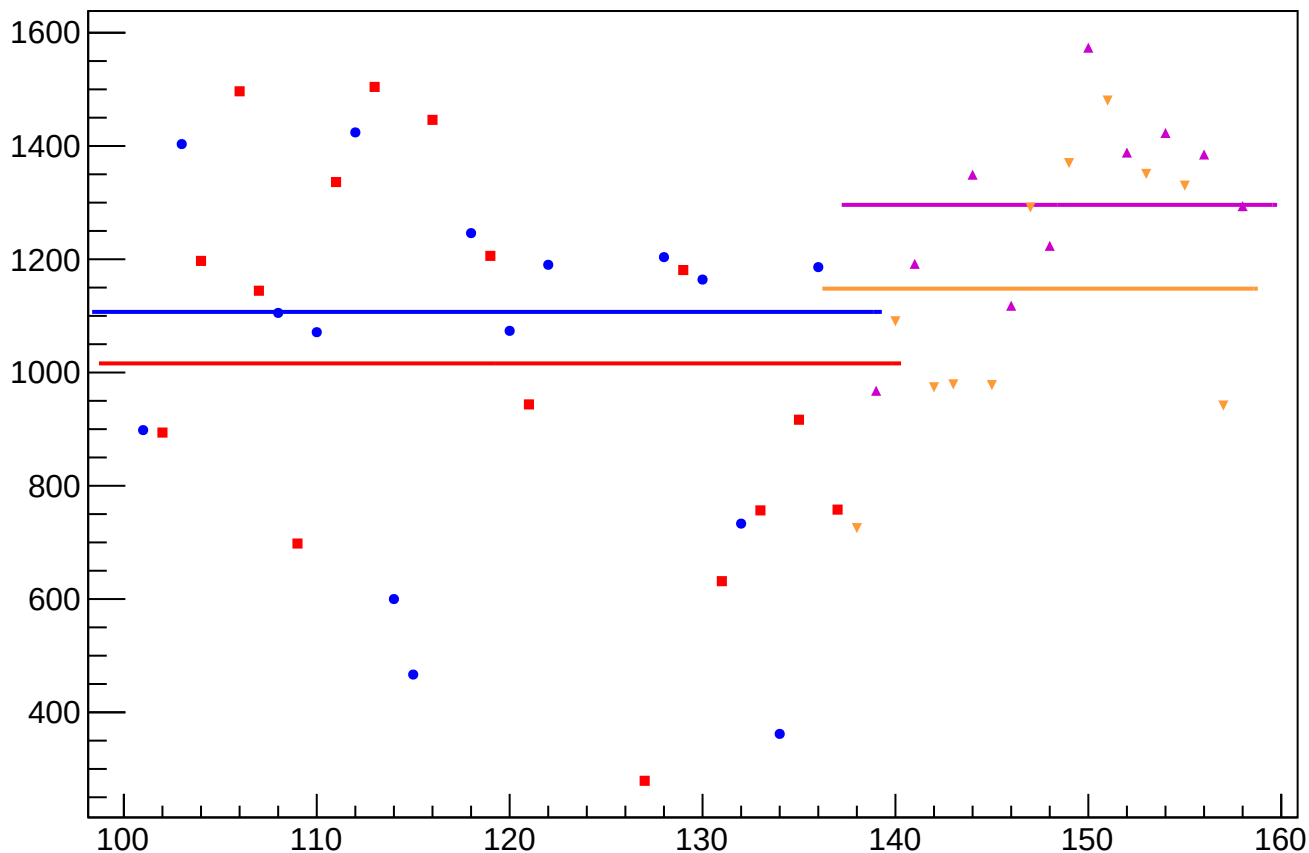
Left In: 1275.970 $\pm$ 0.000 χ^2 /NDF: 67420388621828355294603406851107192832.0/9

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159 ± 0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 136.937 ± 0.000 χ^2/NDF : 2225688486734173237730076324425367552.0/10
 Right Out: 104.501 ± 0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 134.100 ± 0.000 χ^2/NDF : 1810391344608745032936292443754594304.0/9

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

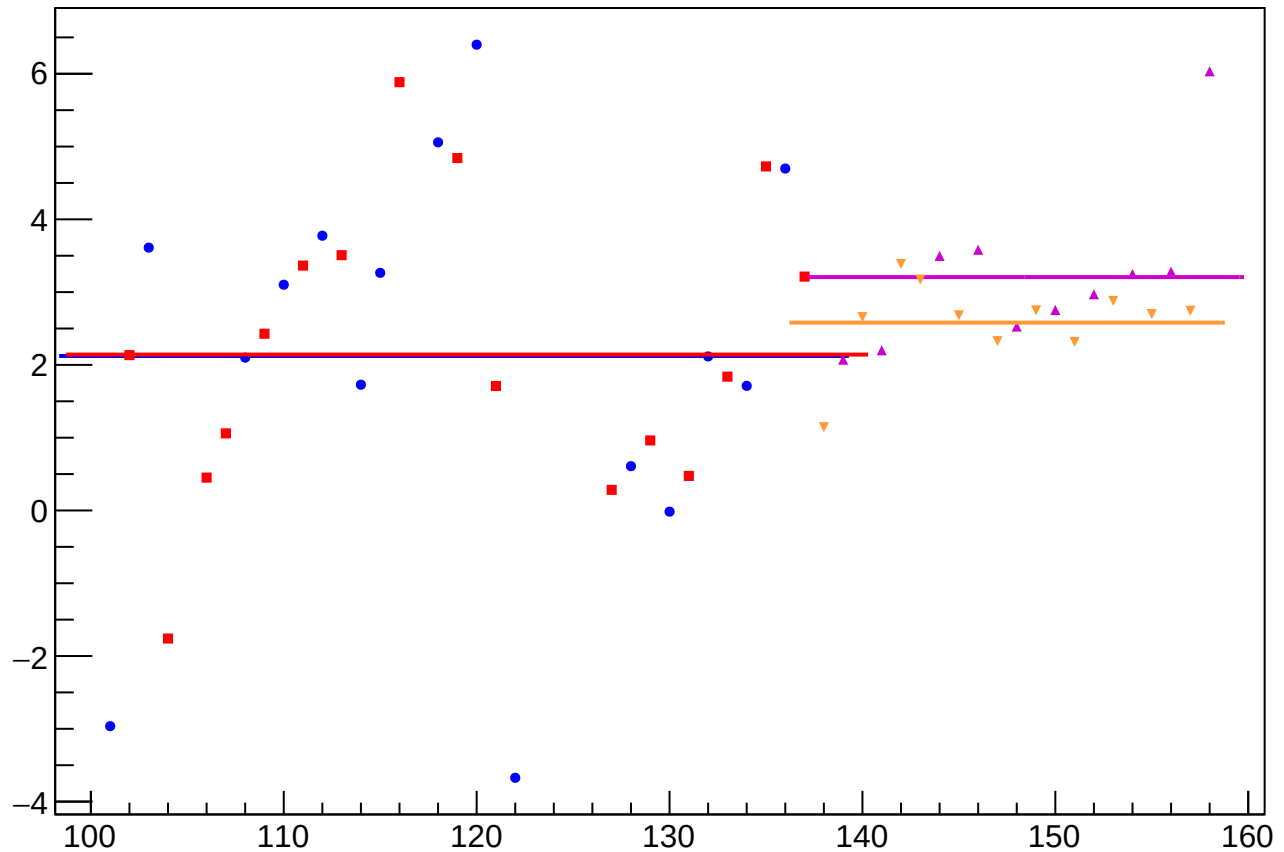
Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

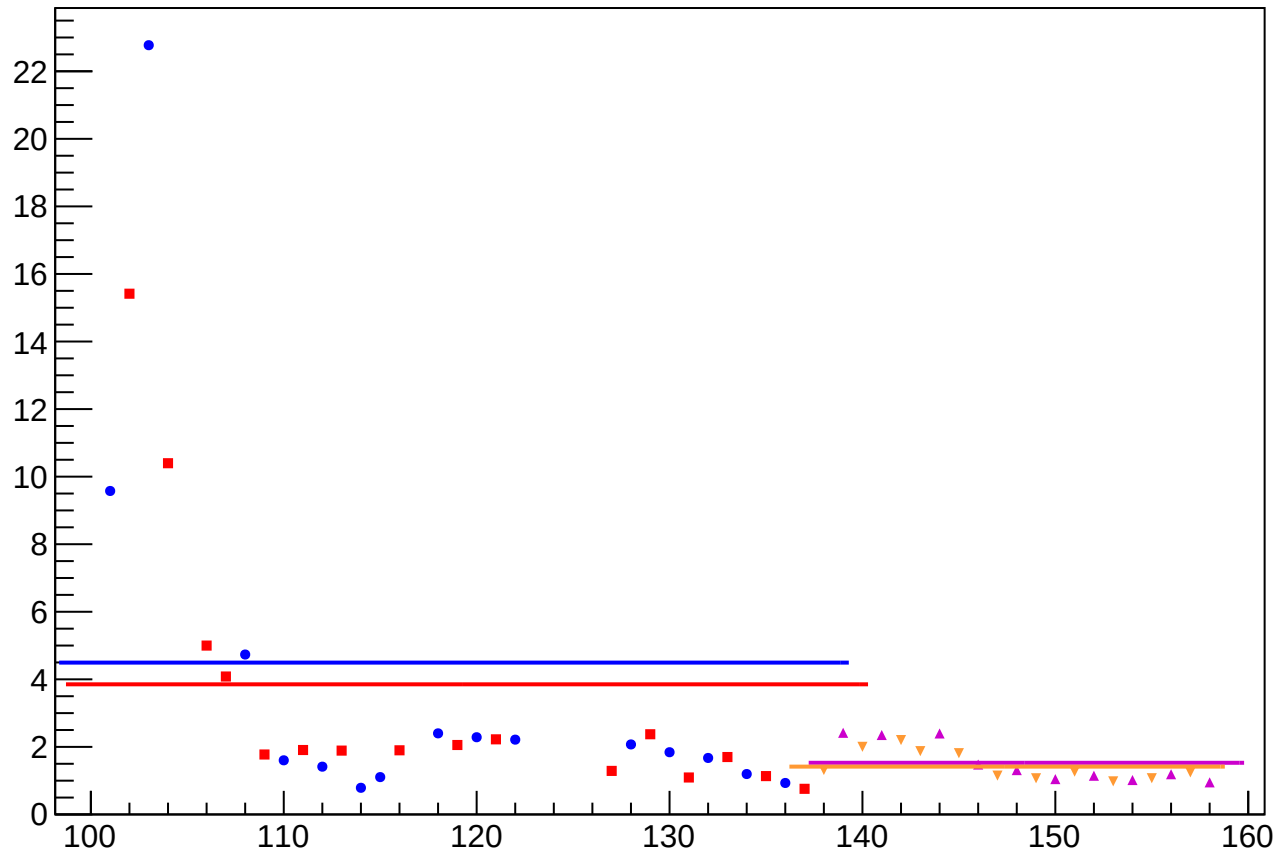
+ sign 1130.179+/-0.000 χ^2/NDF : 84853376247429
All: 1151.788+/-0.000 χ^2/NDF : 21087408015
- sign 1172.955+/-0.000 χ^2/NDF : 12464716969780

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.581+/-0.000 χ^2/NDF : 239434792850874666461878651191296.0/10
 Right Out: 2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: 3.206+/-0.000 χ^2/NDF : 919828215212399500006921674424320.0/9

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14

Left Out: 1.416 $\pm$ 0.000 χ^2 /NDF: 129405754276995021448306061475840.0/10

Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15

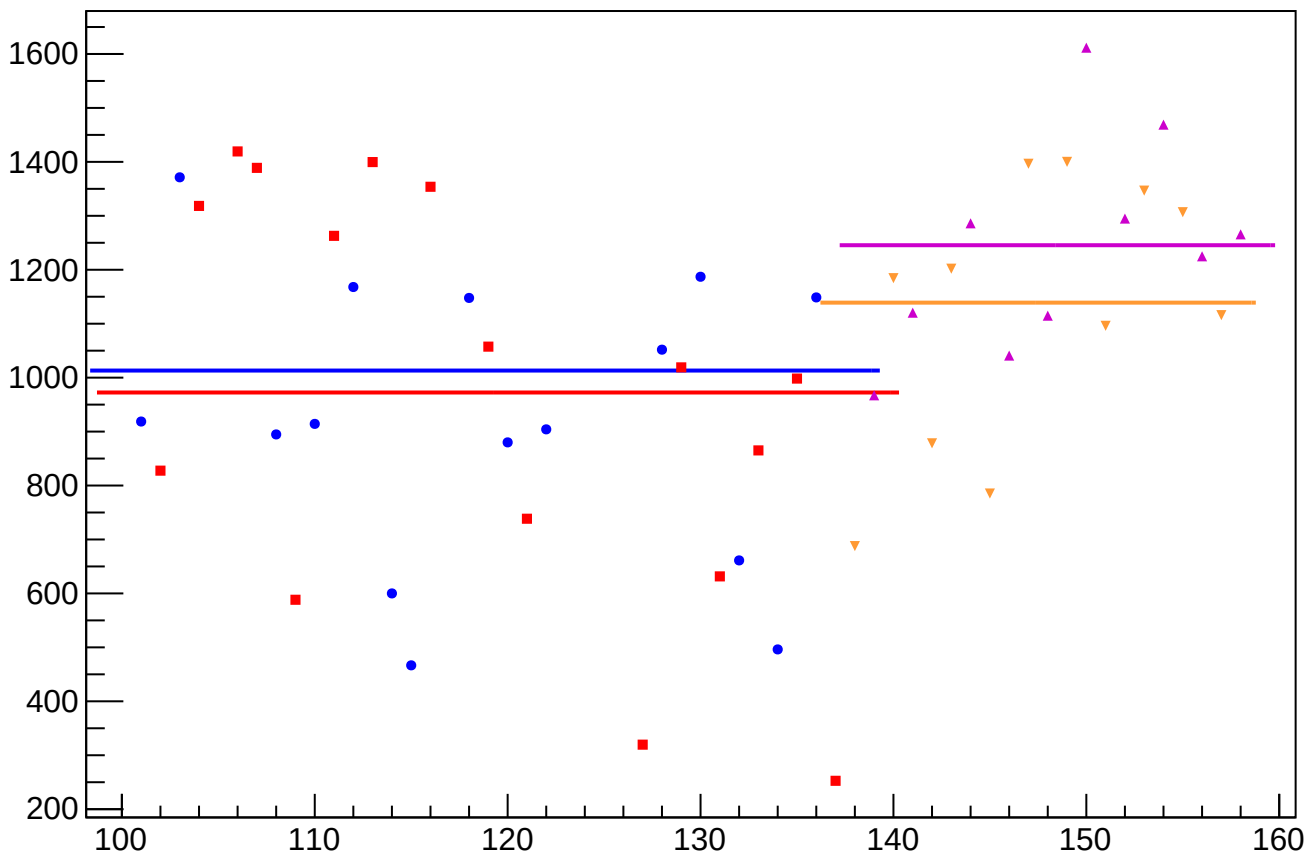
Left In: 1.529 $\pm$ 0.000 χ^2 /NDF: 286129100967537024456998248251392.0/9

+ sign 2.761 $\pm$ 0.000 χ^2 /NDF: 28865416541509997

All: 2.655 $\pm$ 0.000 χ^2 /NDF: 4351627822793

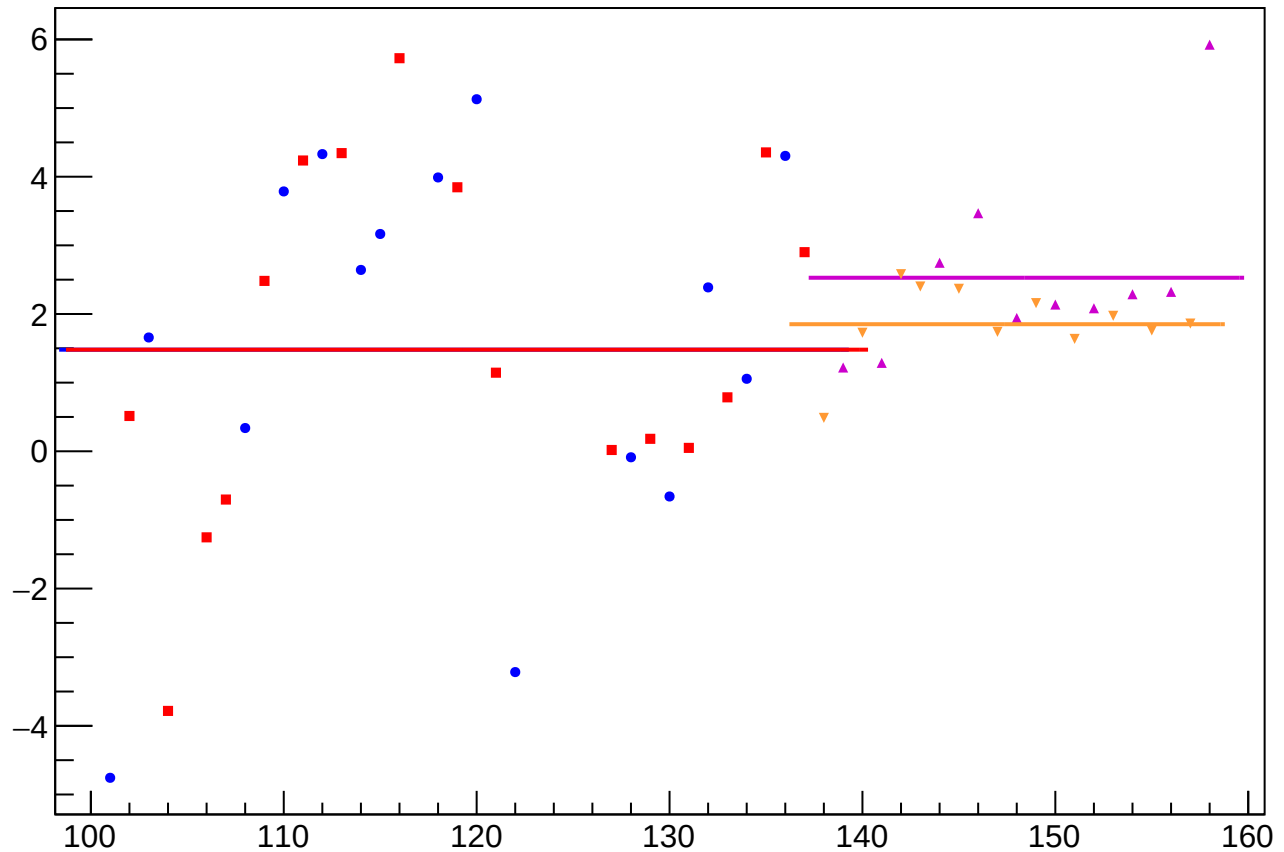
- sign 2.551 $\pm$ 0.000 χ^2 /NDF: 14617759113961372

dit_4aX_coil6_Ndata_mean vs Slug



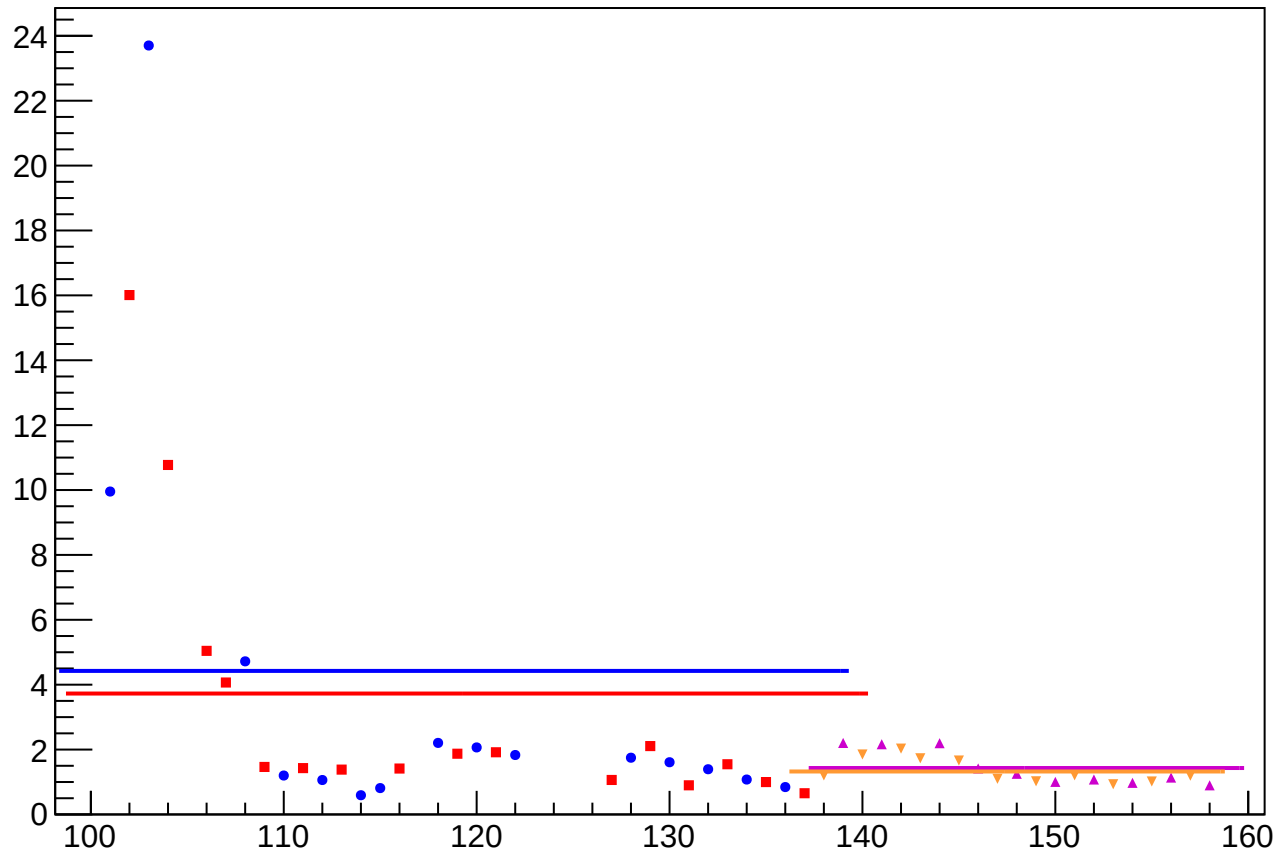
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 1.851+/-0.000 χ^2/NDF : 227079578593235223921817081085952.0/10
 Right Out: 1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: 2.528+/-0.000 χ^2/NDF : 1349044961780870758465859766714368.0/9

dit_4eX_coil6_err_mean vs Slug



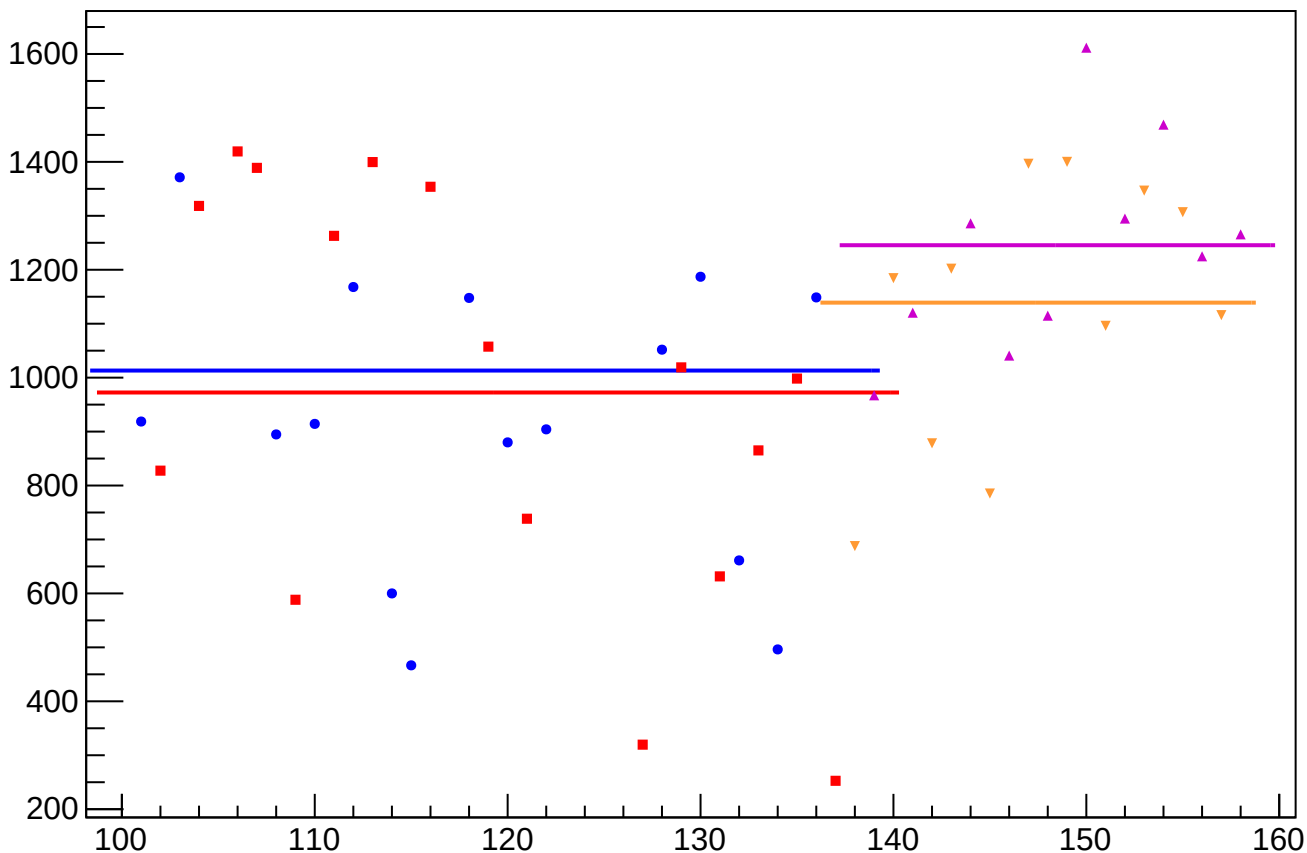
Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.325+/-0.000 χ^2/NDF : 101728212060546334773856473972736.0/10

Right Out: 3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15

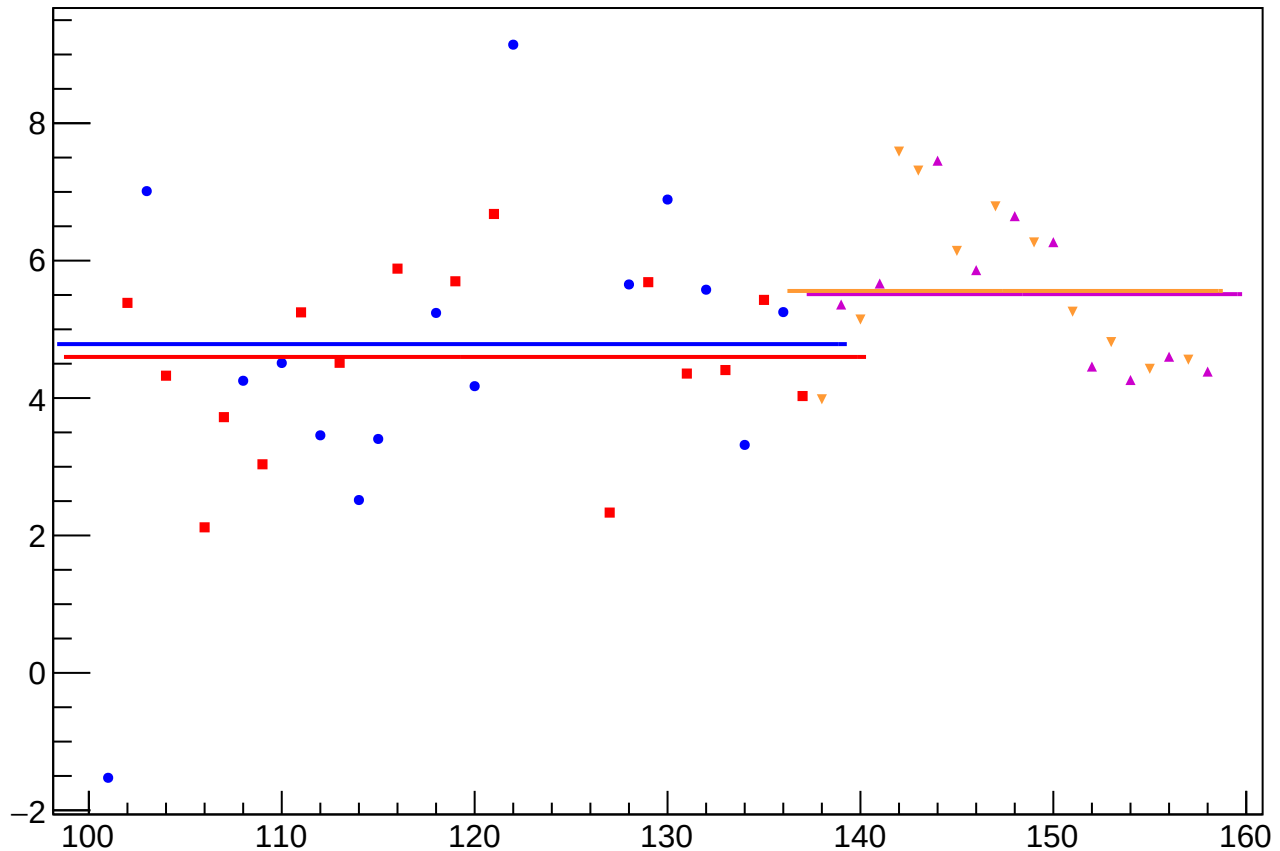
Left In: 1.431+/-0.000 χ^2/NDF : 224842005619595103645538497593344.0/9

dit_4eX_coil6_Ndata_mean vs Slug



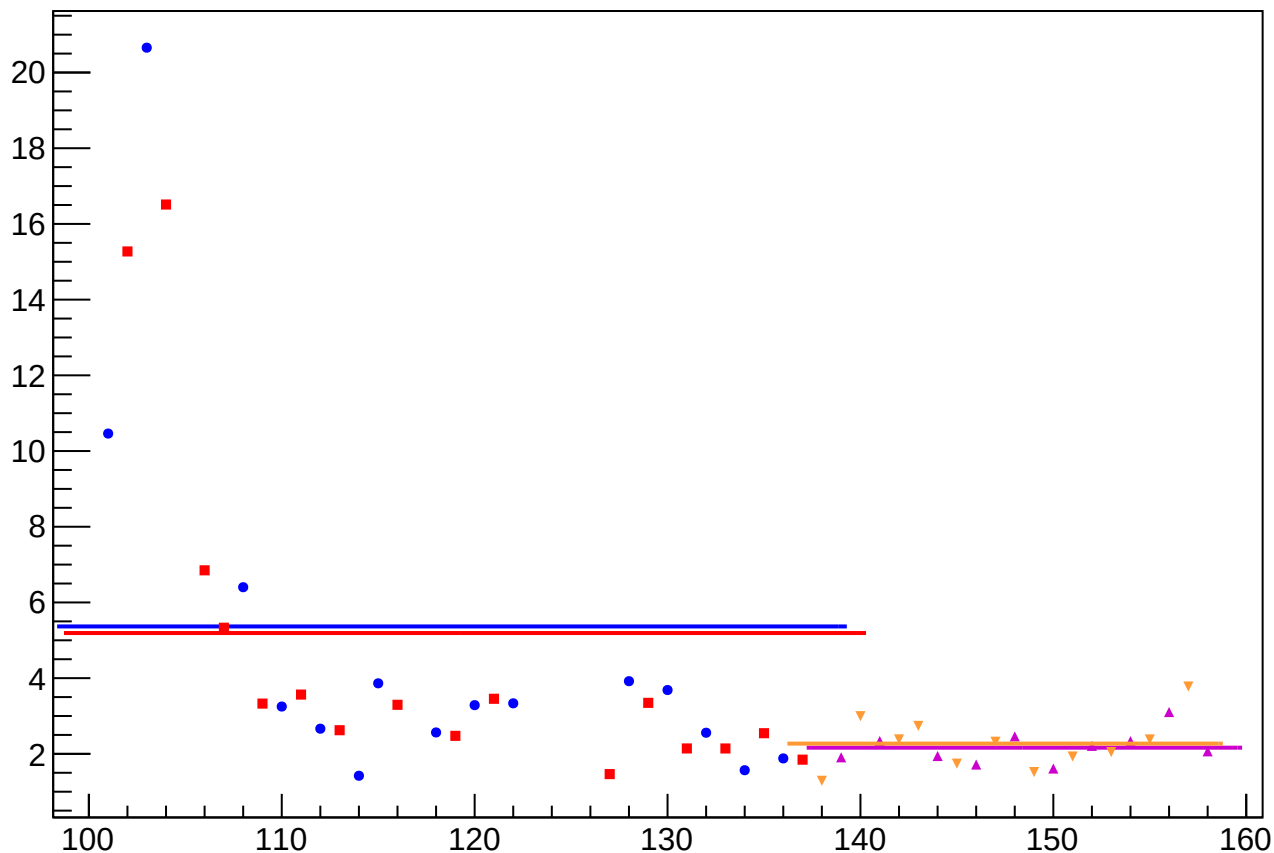
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000	χ^2/NDF : 3996556073154779711808159470321664.0/14	+ sign 5.221+/-0.000	χ^2/NDF : 52415642589789792
Left Out: 5.559+/-0.000	χ^2/NDF : 1026280566642964586414017563590656.0/10	All: 5.165+/-0.000	χ^2/NDF : 74675275102176
Right Out: 4.598+/-0.000	χ^2/NDF : 989607156792948633247632779640832.0/15	- sign 5.110+/-0.000	χ^2/NDF : 22168257340473068
Left In: 5.512+/-0.000	χ^2/NDF : 914990546327094722130194972278784.0/9		

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.271 $\pm$ 0.000 χ^2/NDF : 397697362888390767584272350969856.0/10

Right Out: 5.192 $\pm$ 0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

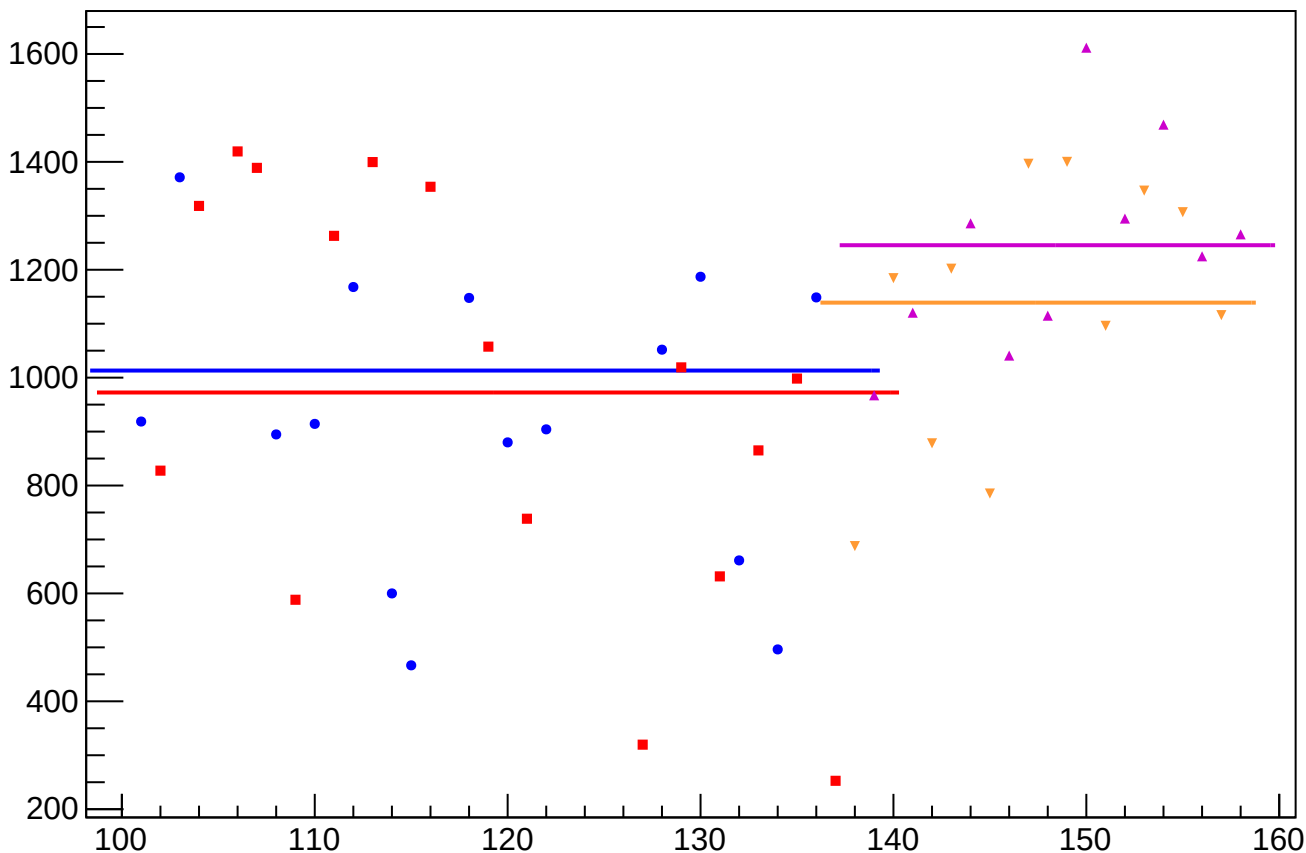
Left In: 2.163 $\pm$ 0.000 χ^2/NDF : 138342760229251882838294400073728.0/9

+ sign 3.623 $\pm$ 0.000 χ^2/NDF : 22681144079558571.0/10

All: 3.558 $\pm$ 0.000 χ^2/NDF : 42010397945613.0/10

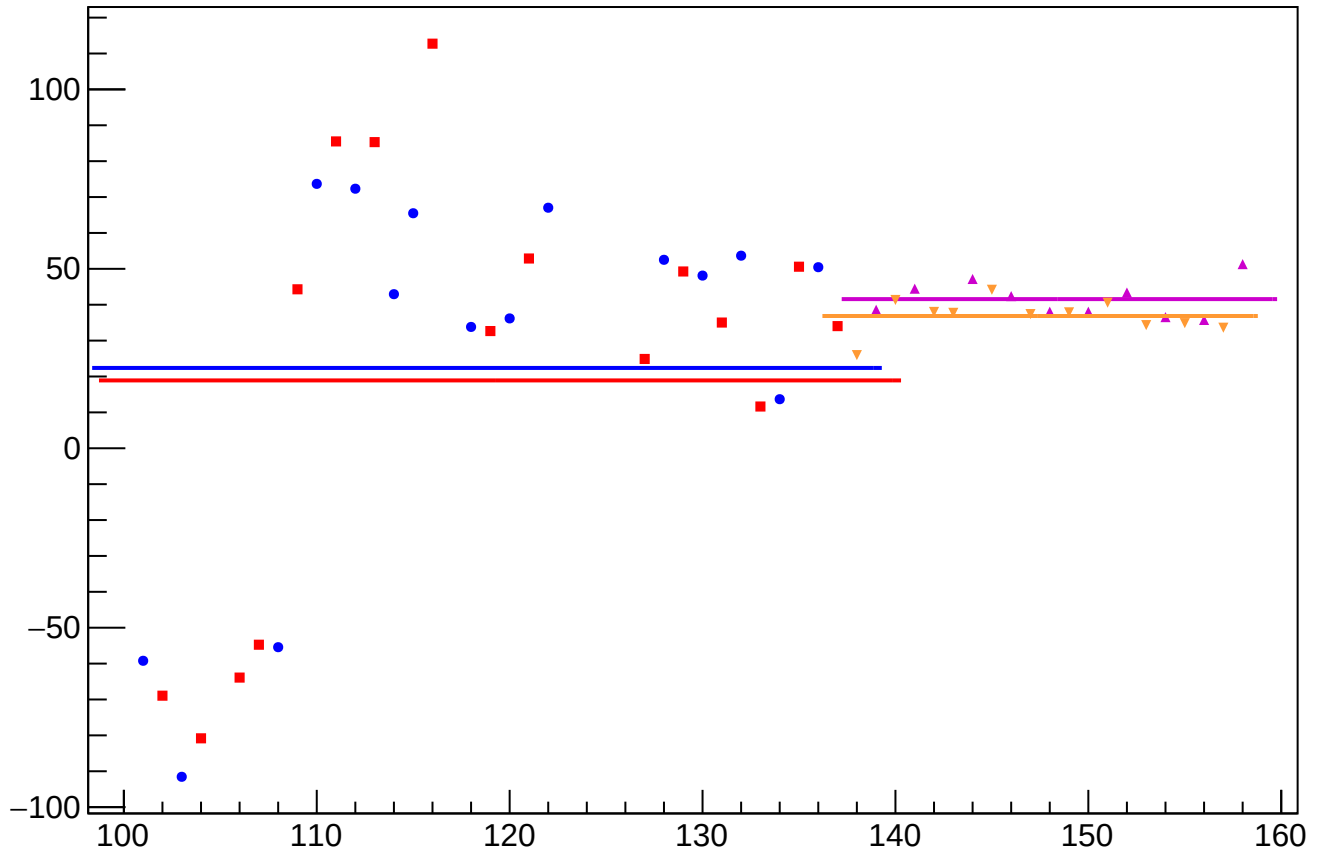
- sign 3.495 $\pm$ 0.000 χ^2/NDF : 19317033528291704.0/10

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 36.857+/-0.000 χ^2/NDF : 18226518403595417717477128005484544.0/10

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

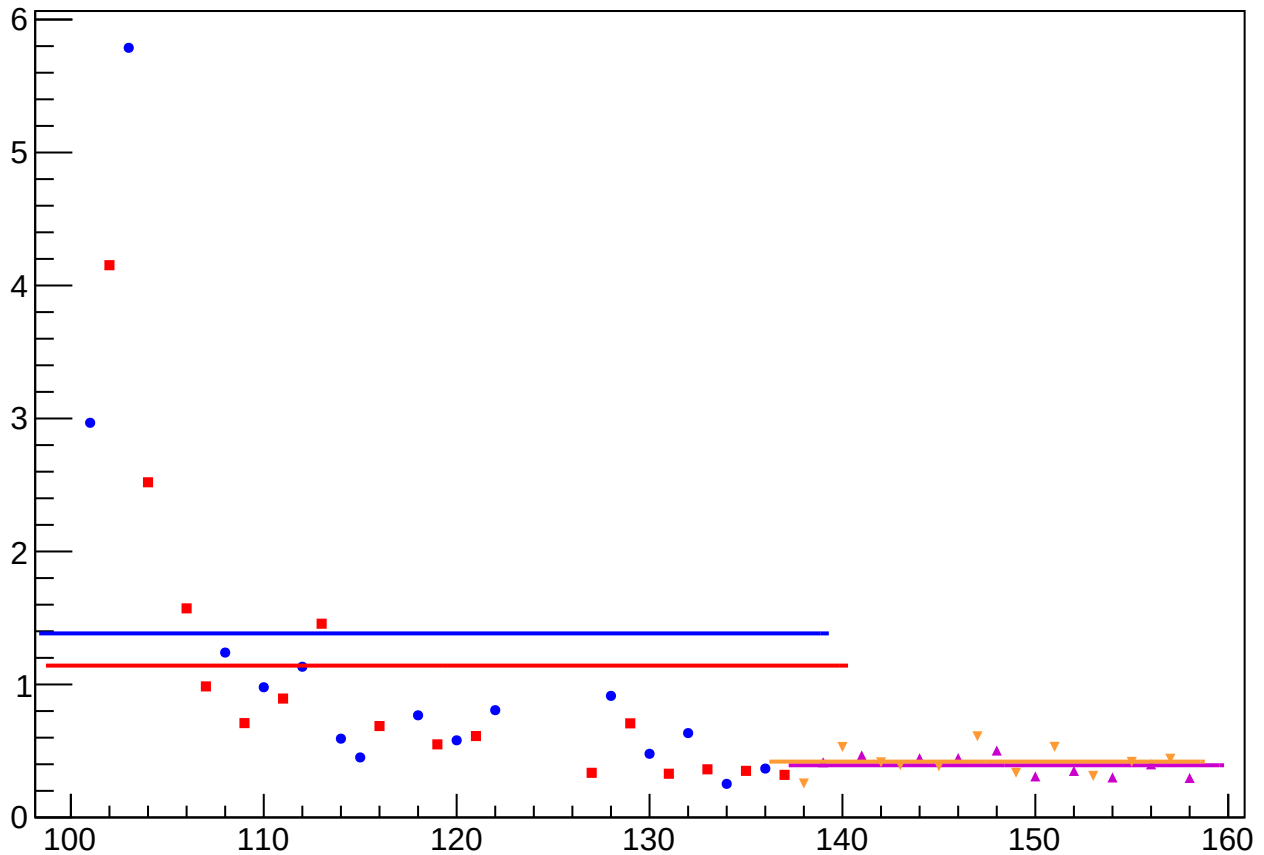
Left In: 41.564+/-0.000 χ^2/NDF : 19373970115102309631593274440417280.0/9

All: 31.075+/-0.000 χ^2/NDF : 4411343770677

+ sign 30.536+/-0.000 χ^2/NDF : 2017052663466344

- sign 31.602+/-0.000 χ^2/NDF : 2393438492662241

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 $\pm$ 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.420 $\pm$ 0.000 χ^2/NDF : 8623419493456319189836168691712.0/10

Right Out: 1.142 $\pm$ 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

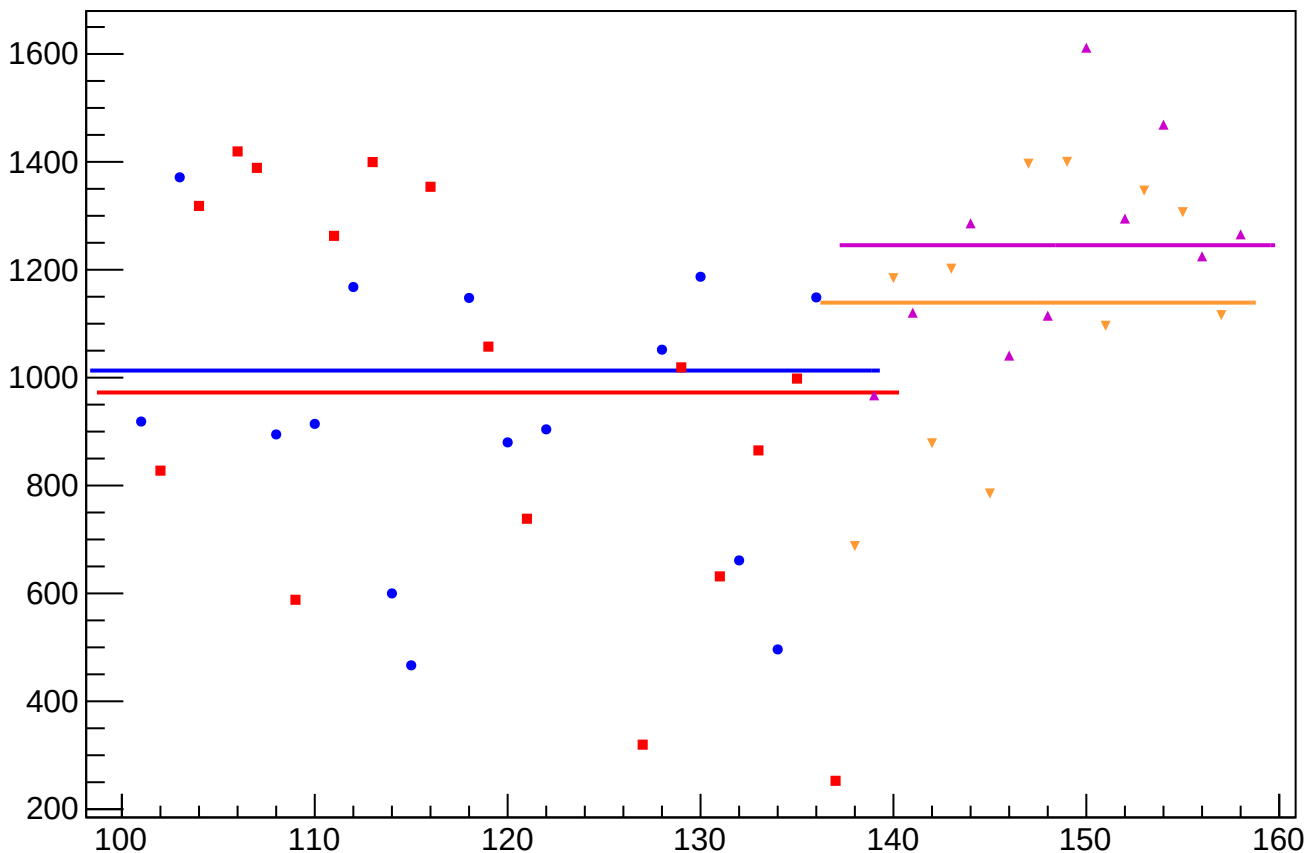
Left In: 0.392 $\pm$ 0.000 χ^2/NDF : 4315346326456245105598518001664.0/9

+ sign 0.841 $\pm$ 0.000 χ^2/NDF : 19195131202068724

All: 0.781 $\pm$ 0.000 χ^2/NDF : 29550008464460

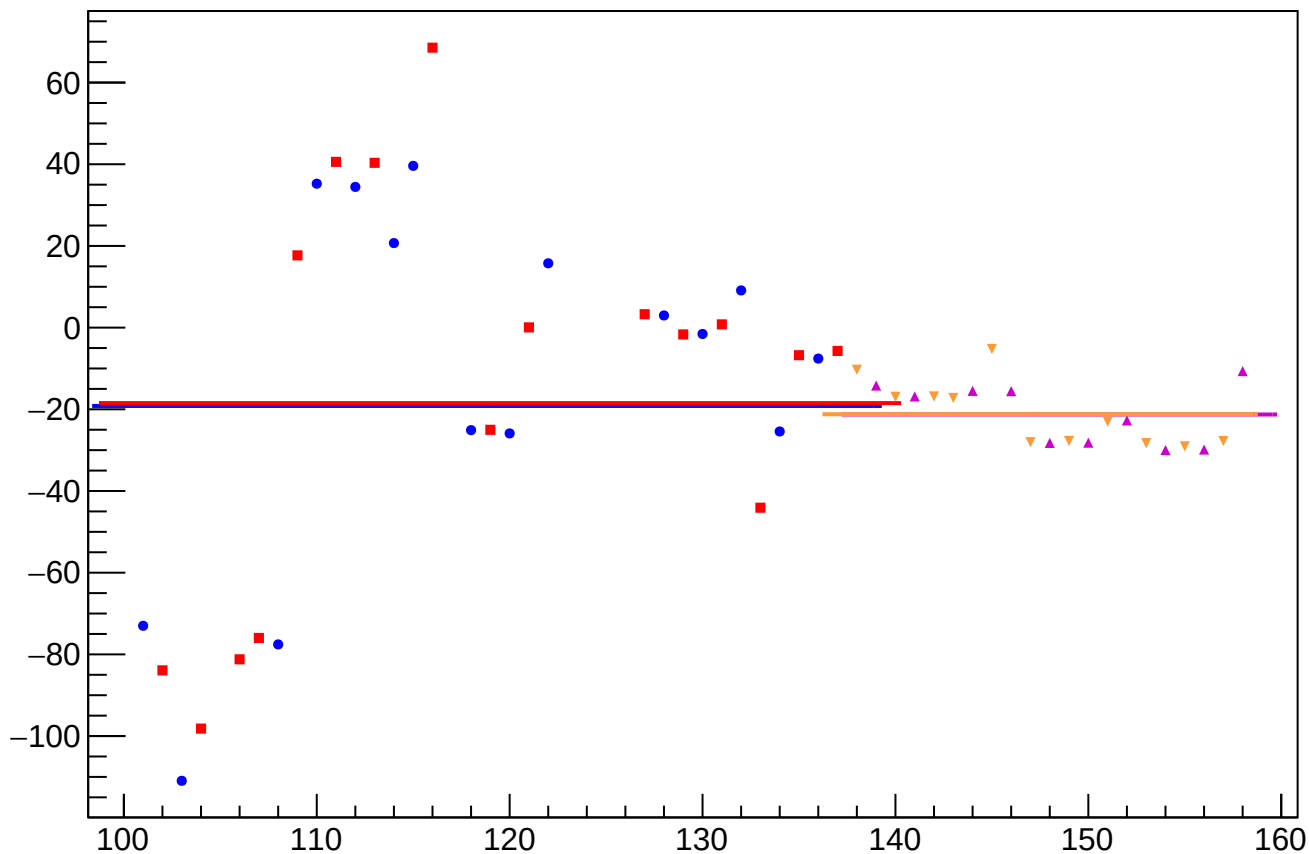
- sign 0.722 $\pm$ 0.000 χ^2/NDF : 10248523980531736

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -21.209 ± 0.000 χ^2/NDF : 53503496679050948375537601067614208.0/10

Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

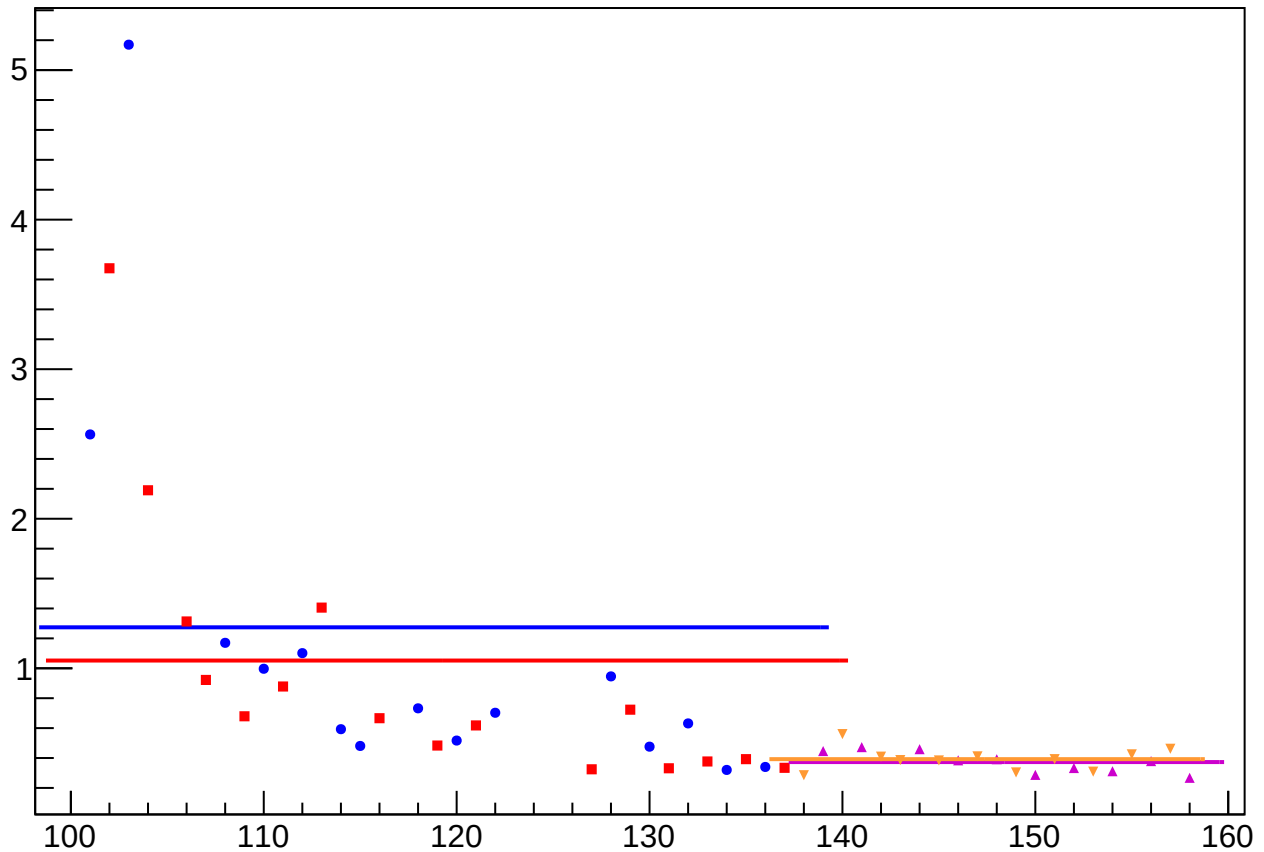
Left In: -21.269 ± 0.000 χ^2/NDF : 41754574017333548723505214221451264.0/9

+ sign -20.320 ± 0.000 χ^2/NDF : 130137958748670

All: -20.180 ± 0.000 χ^2/NDF : 283550014921

- sign -20.043 ± 0.000 χ^2/NDF : 1534062573671458

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.392 $\pm$ 0.000 χ^2 /NDF: 4970601636939495795240204238848.0/10

Right Out: 1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15

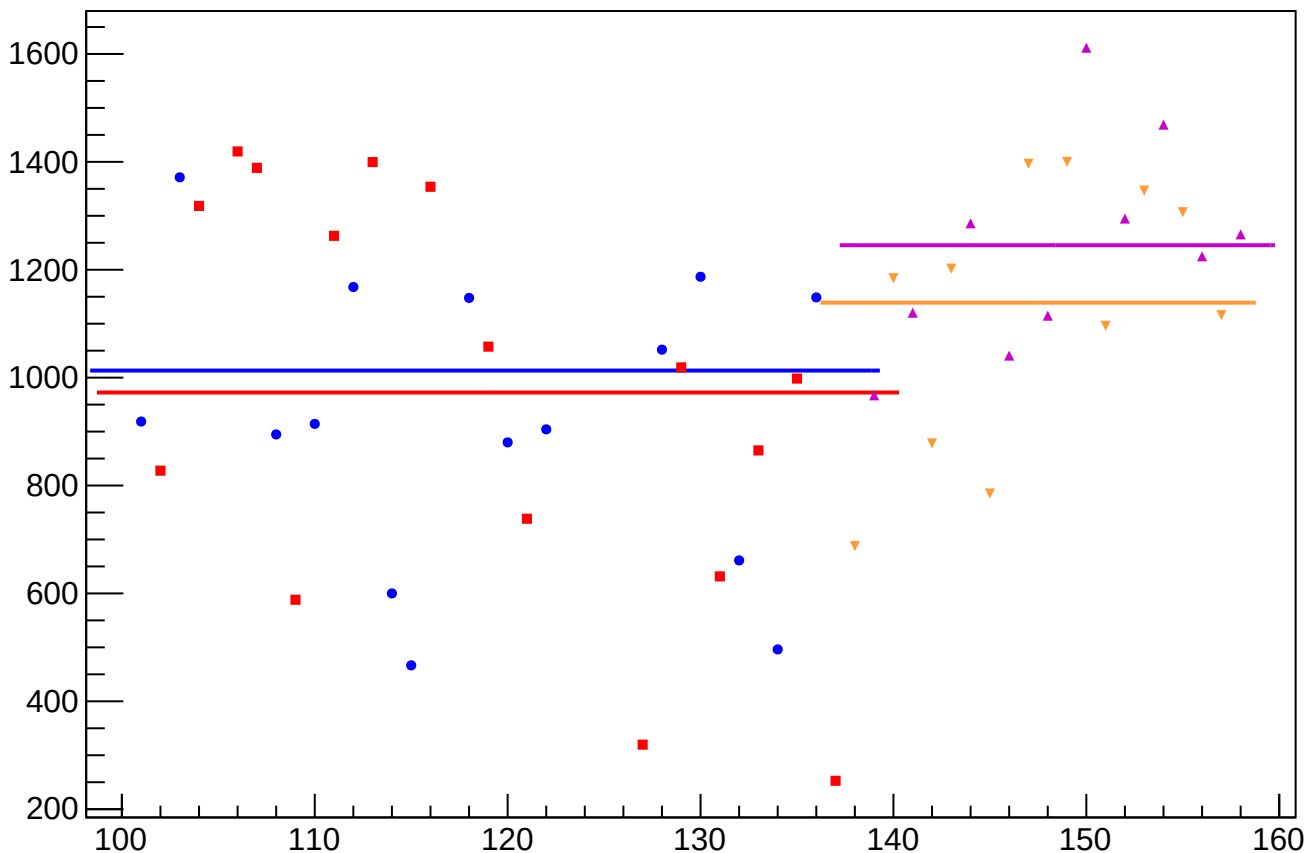
Left In: 0.373 $\pm$ 0.000 χ^2 /NDF: 4027830907187391309812498169856.0/9

+ sign 0.777 $\pm$ 0.000 χ^2 /NDF: 15011013155501147

All: 0.724 $\pm$ 0.000 χ^2 /NDF: 22931449526289

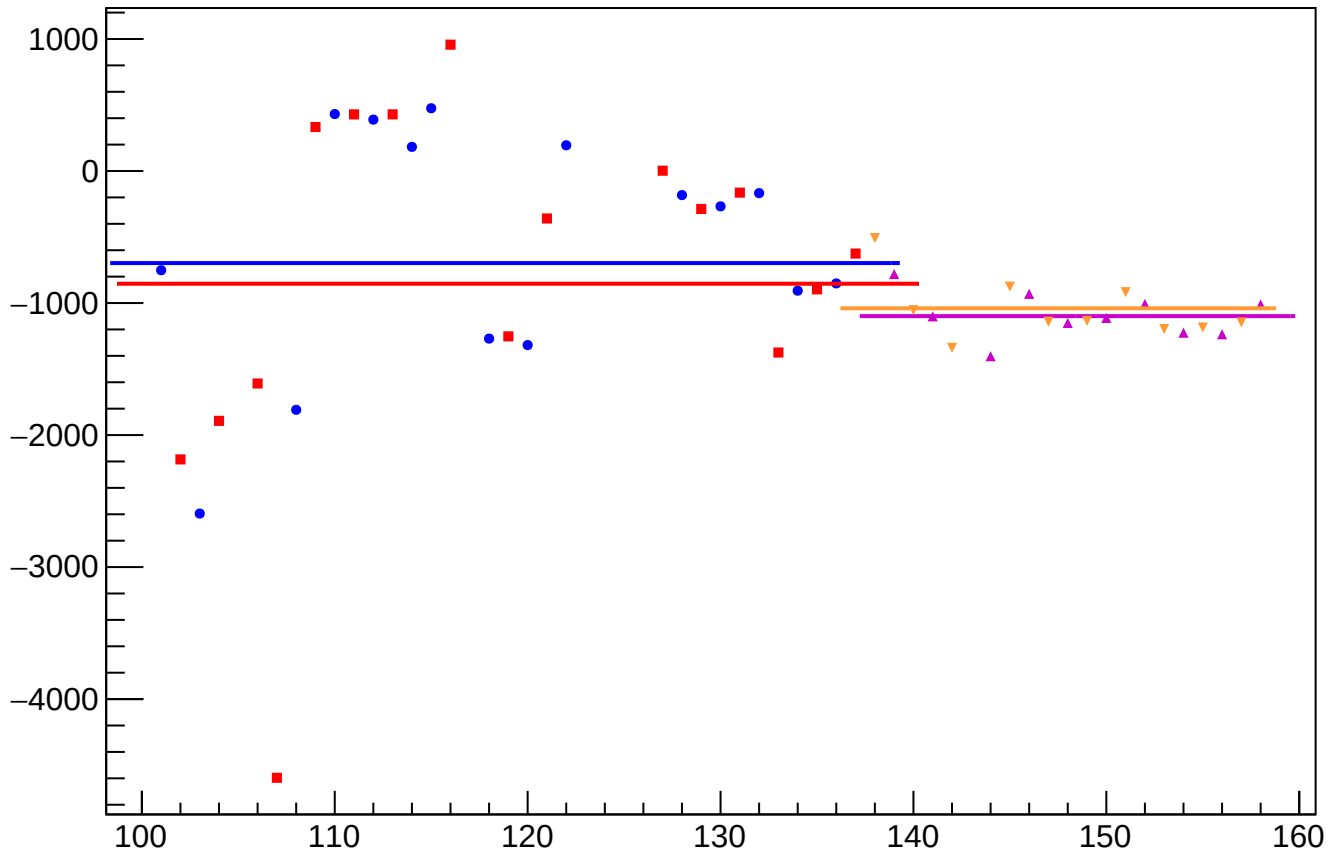
- sign 0.671 $\pm$ 0.000 χ^2 /NDF: 78360808929731368

dit_4eY_coil6_Ndata_mean vs Slug



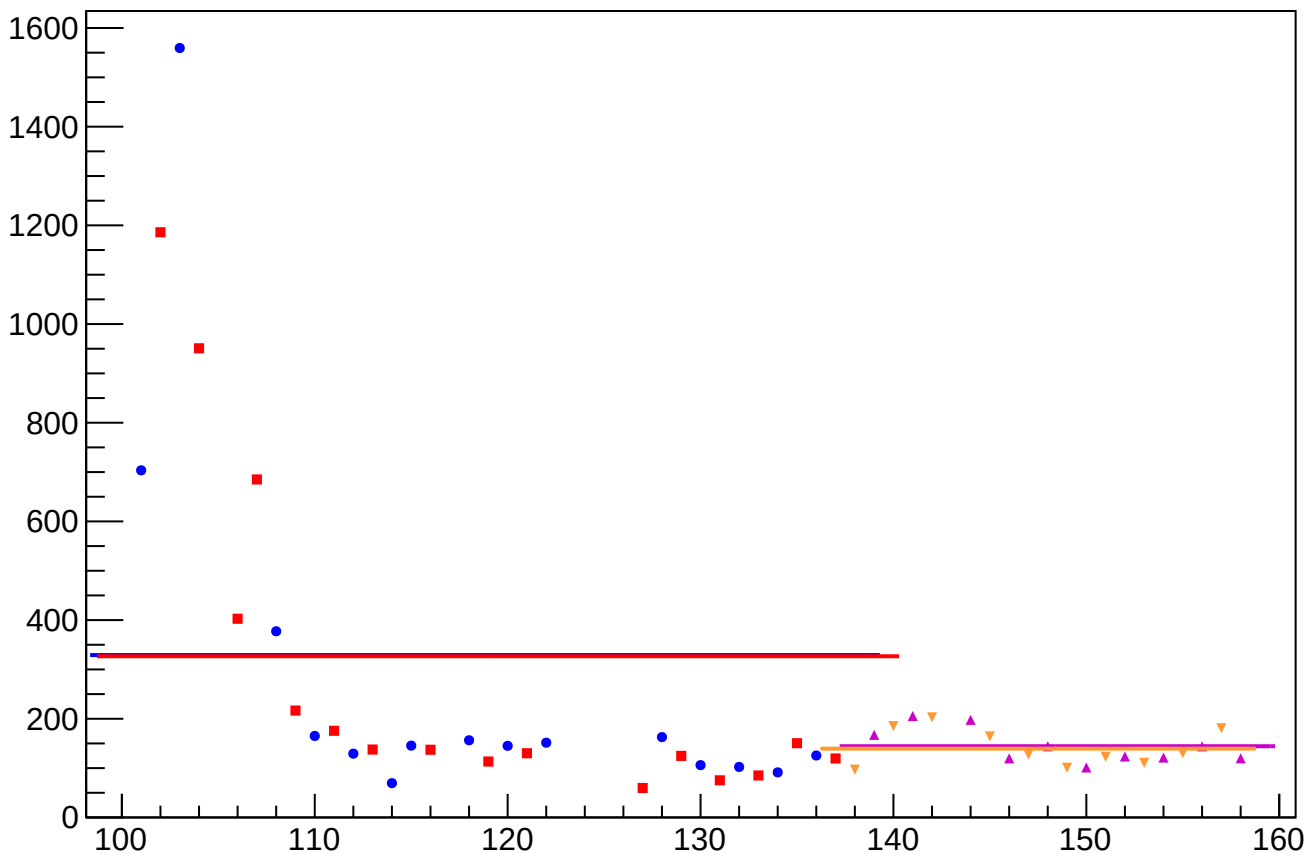
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_usl_coil6_mean vs Slug



Right In: -697.283 ± 0.000 $\chi^2/\text{NDF}: 490435790698133828475769692944364208128.0/14$
 Left Out: -1039.952 ± 0.000 $\chi^2/\text{NDF}: 35838976771502773734662189692848439296.0/9$
 Right Out: -853.734 ± 0.000 $\chi^2/\text{NDF}: 1078379020126412317155932275156201766912.0/15$
 Left In: -1099.061 ± 0.000 $\chi^2/\text{NDF}: 23327960509777355487674059846431277056.0/9$

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 139.443+/-0.000 χ^2/NDF : 916900942982070955154469003060051968.0/9

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

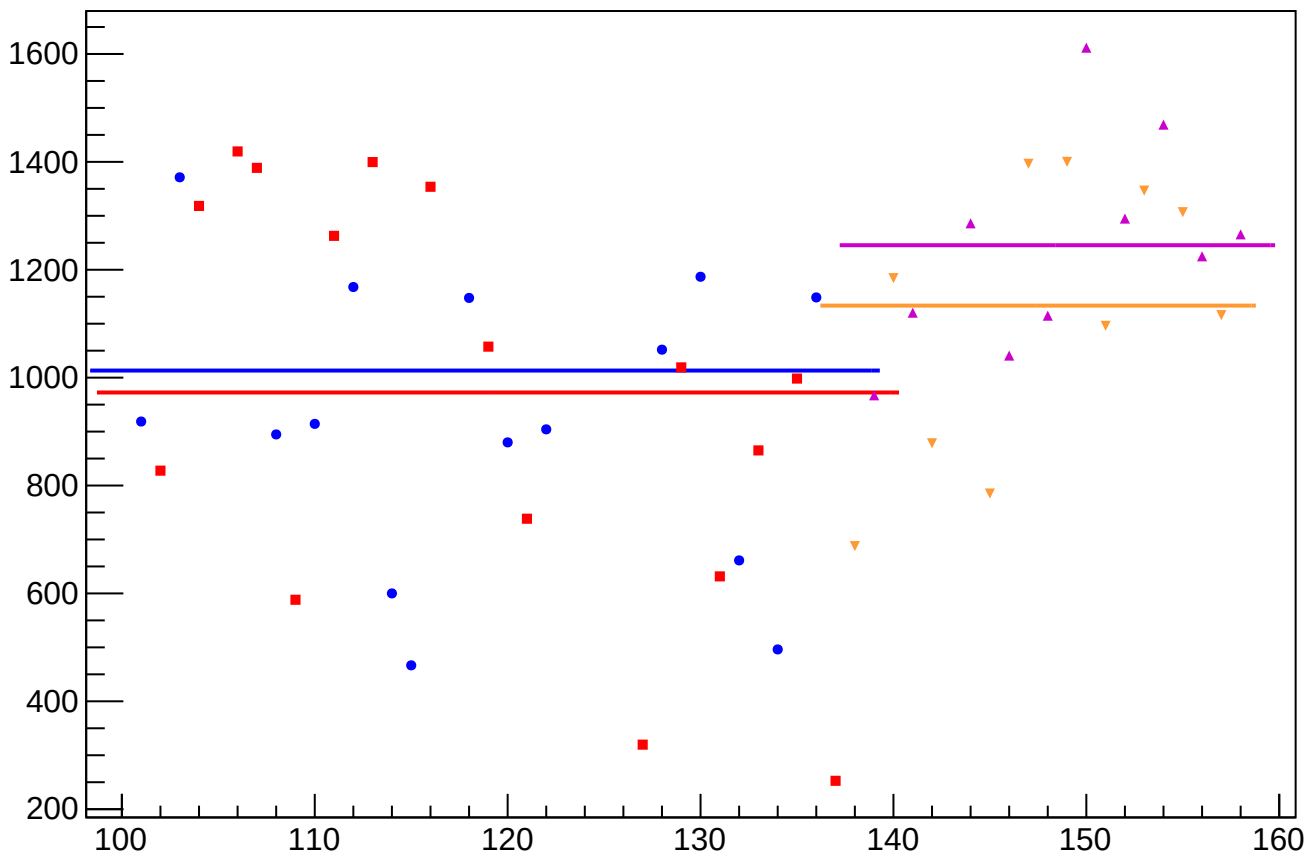
Left In: 144.376+/-0.000 χ^2/NDF : 968206824192830867911327417959972864.0/9

+ sign 226.189+/-0.000 χ^2/NDF : 130449293969936

All: 225.336+/-0.000 χ^2/NDF : 231411507336

- sign 224.538+/-0.000 χ^2/NDF : 100960215866393

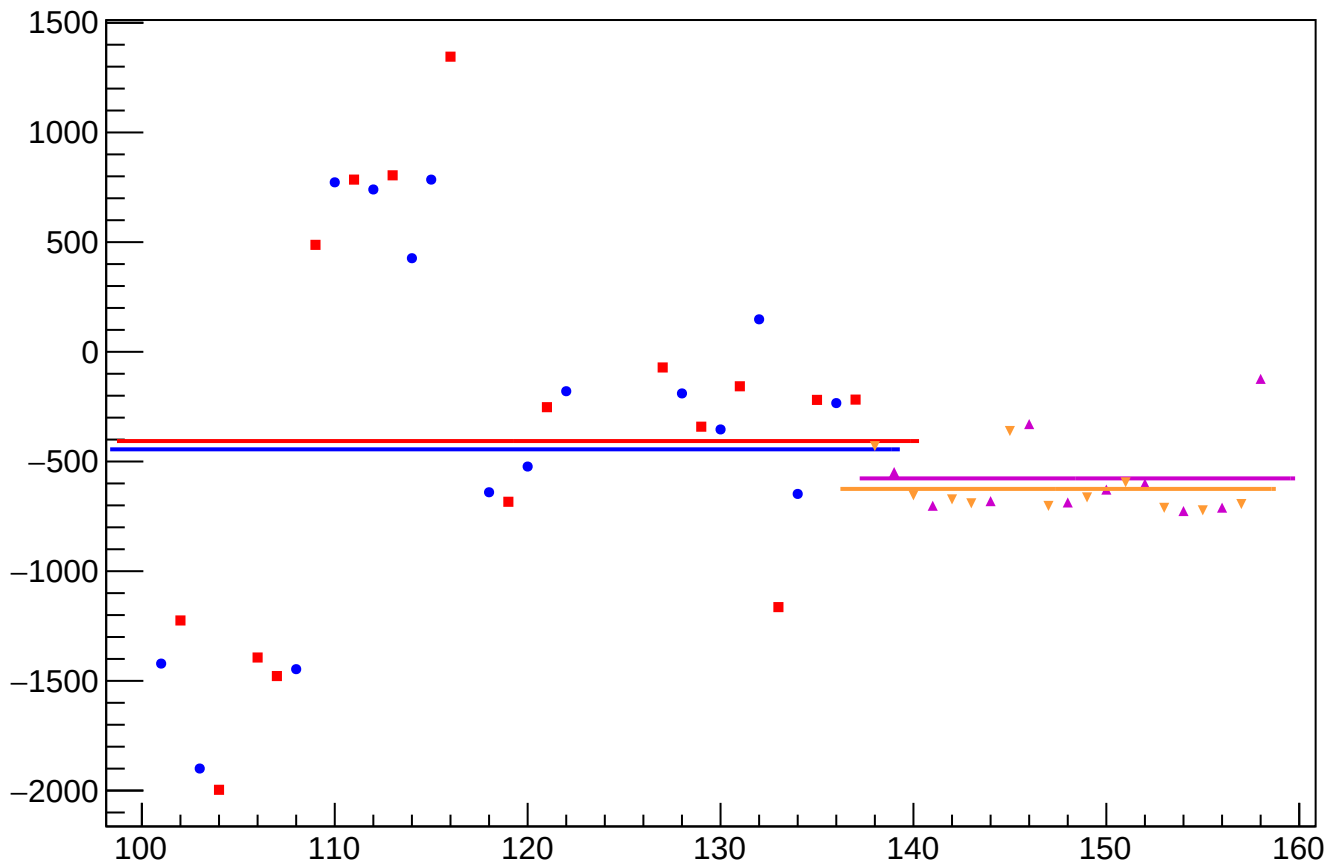
dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 1133.571+/-0.000	χ^2/NDF : 46294107956008904397341475906544205824.0/9
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9

+ sign 1078.493+/-0.000 χ^2/NDF : 83122623886510
 All: 1102.754+/-0.000 χ^2/NDF : 22106796363
 - sign 1125.448+/-0.000 χ^2/NDF : 13632884368024

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -624.910+/-0.000 χ^2/NDF : 11505307694054585992764858891361058816.0/10

Right Out: -406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15

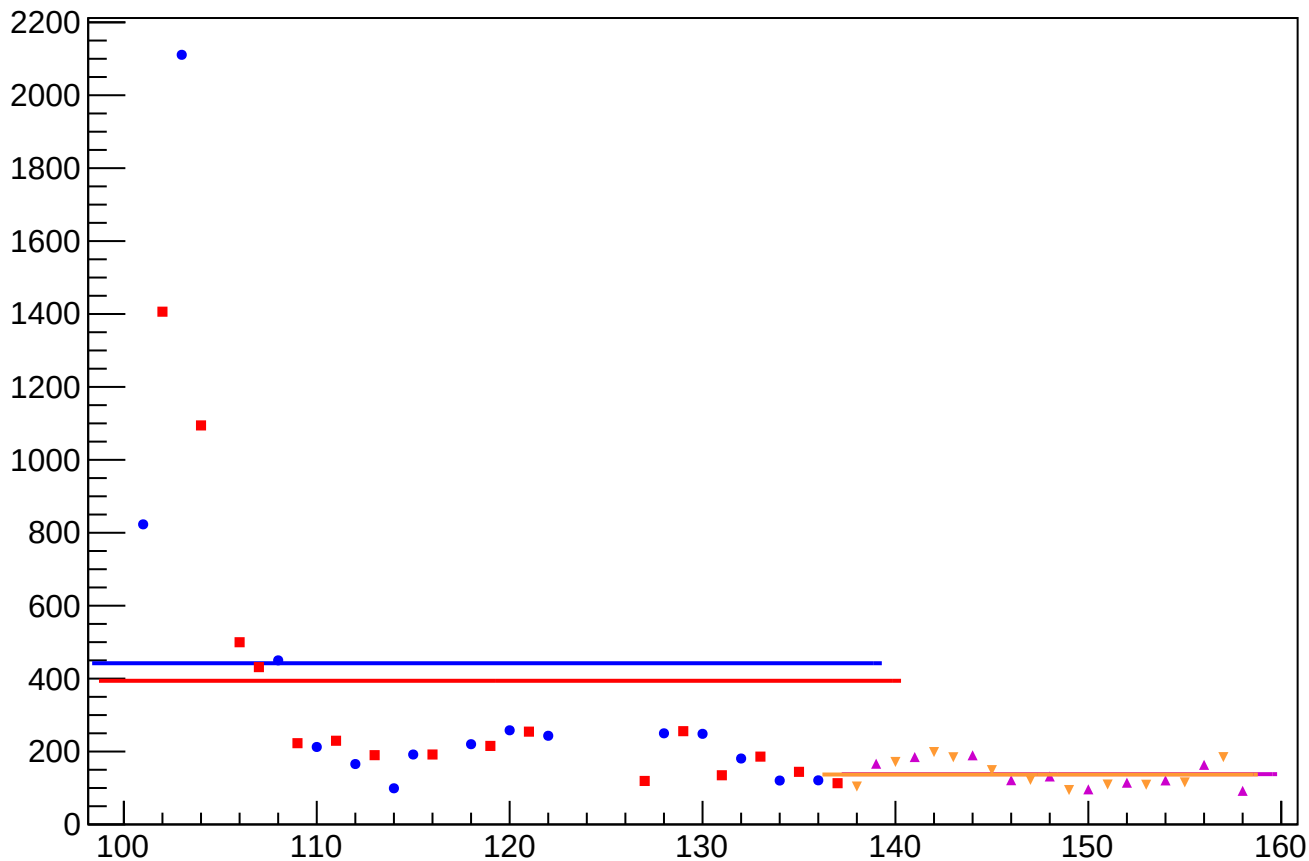
Left In: -576.992+/-0.000 χ^2/NDF : 28799683829201952680564926025098592256.0/9

+ sign -546.122+/-0.000 χ^2/NDF : 41988359174175

All: -523.899+/-0.000 χ^2/NDF : 99009273720

- sign -502.131+/-0.000 χ^2/NDF : 568756384917450

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 137.000+/-0.000 χ^2/NDF : 1028669782696697216514403508477231104.0/10

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

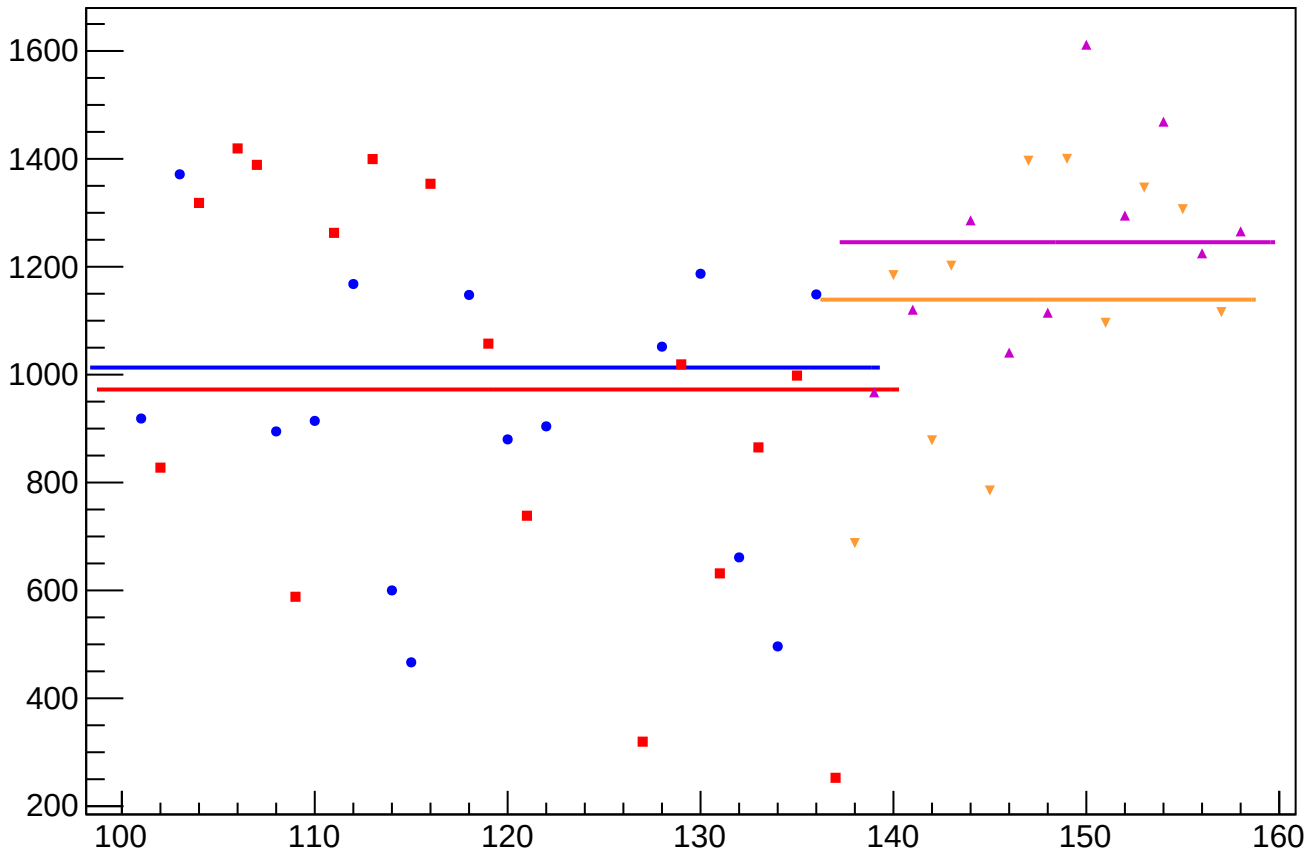
Left In: 137.975+/-0.000 χ^2/NDF : 971339578873557843721010126384005120.0/9

+ sign 270.278+/-0.000 χ^2/NDF : 239086407678580

All: 260.317+/-0.000 χ^2/NDF : 370736201247

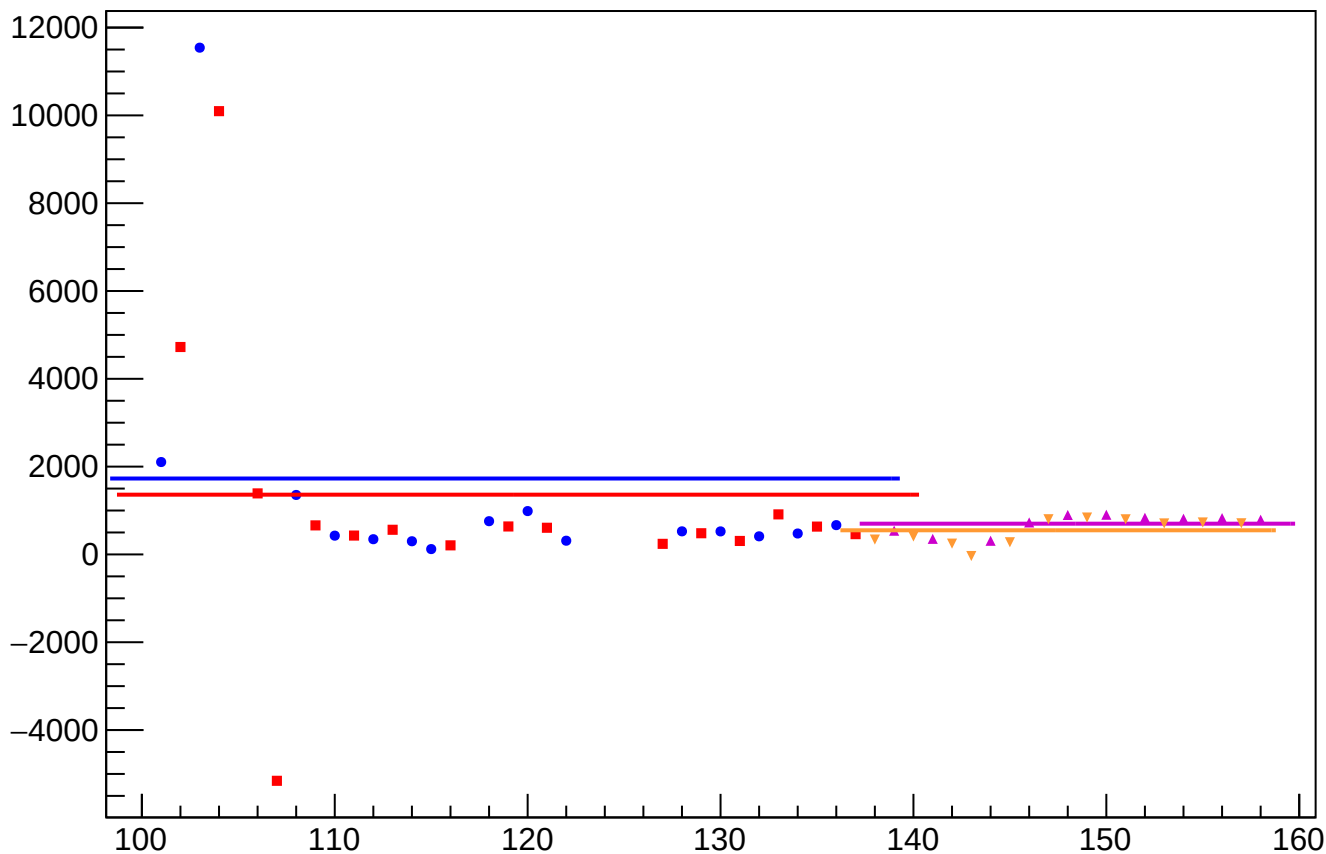
- sign 250.560+/-0.000 χ^2/NDF : 131357942503851

dit_usr_coil6_Ndata_mean vs Slug



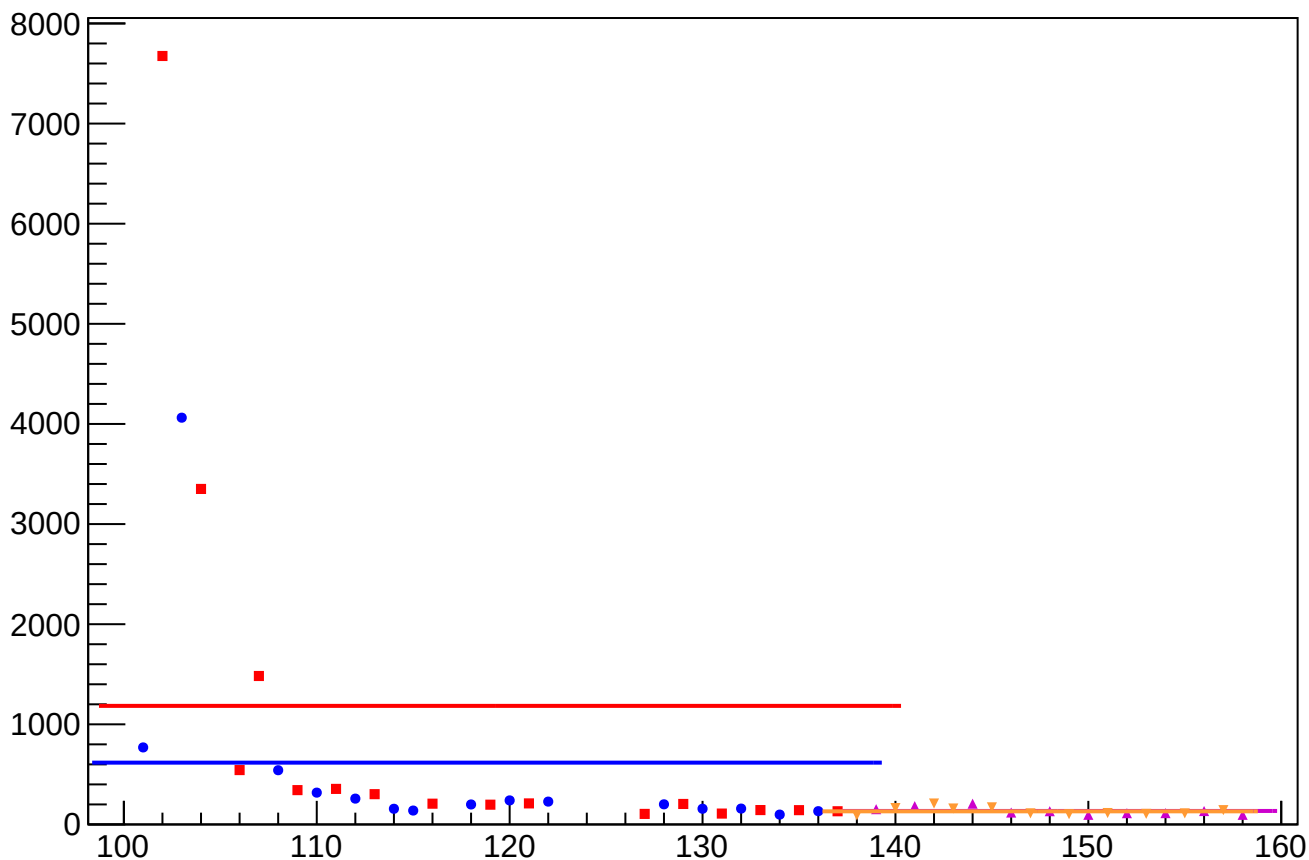
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 549.683+/-0.000 χ^2/NDF : 61894854816678763067682651118302658560.0/10
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 700.188+/-0.000 χ^2/NDF : 37487036386215585940270200020130594816.0/9

dit_atl1_coil6_err_mean vs Slug



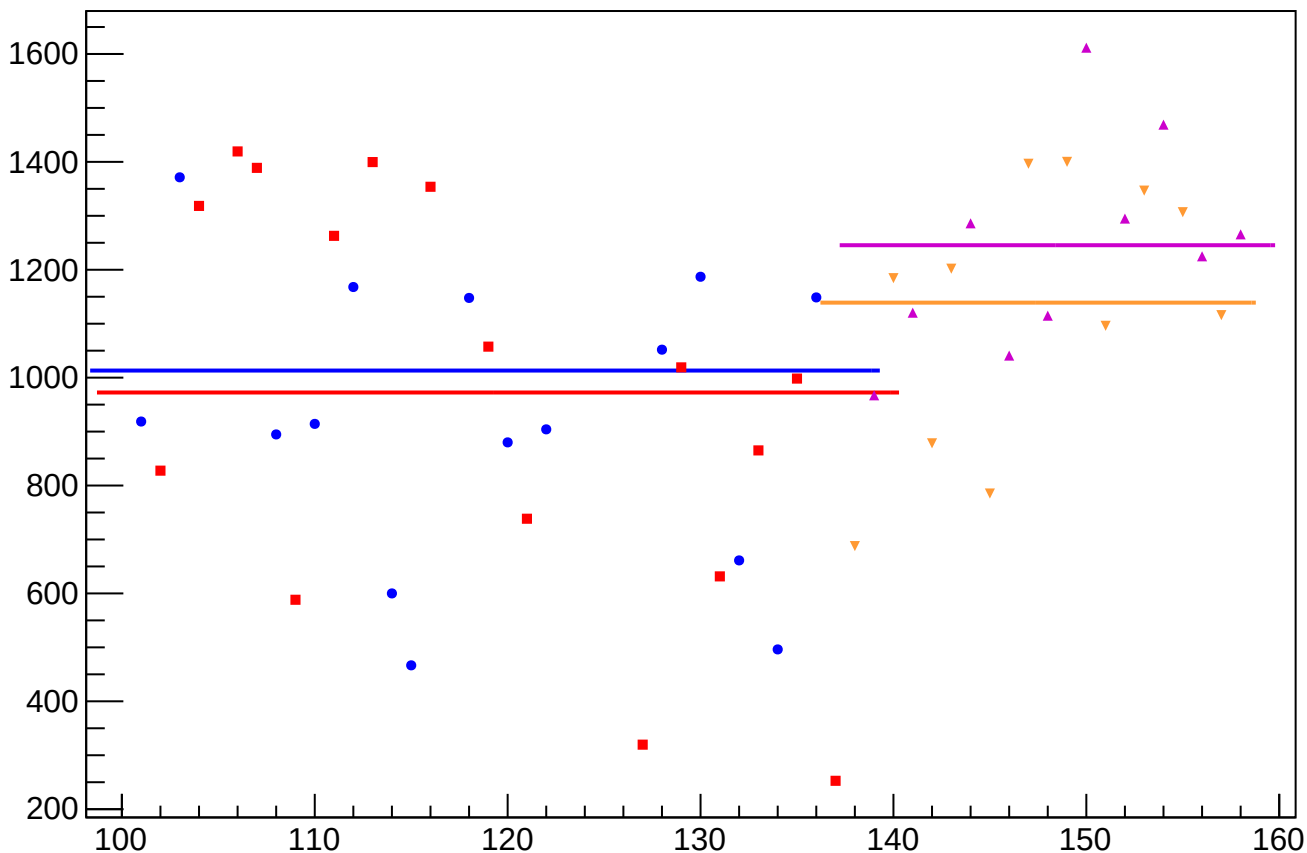
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 131.152+/-0.000 χ^2/NDF : 898463053846950201060313734345392128.0/10

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

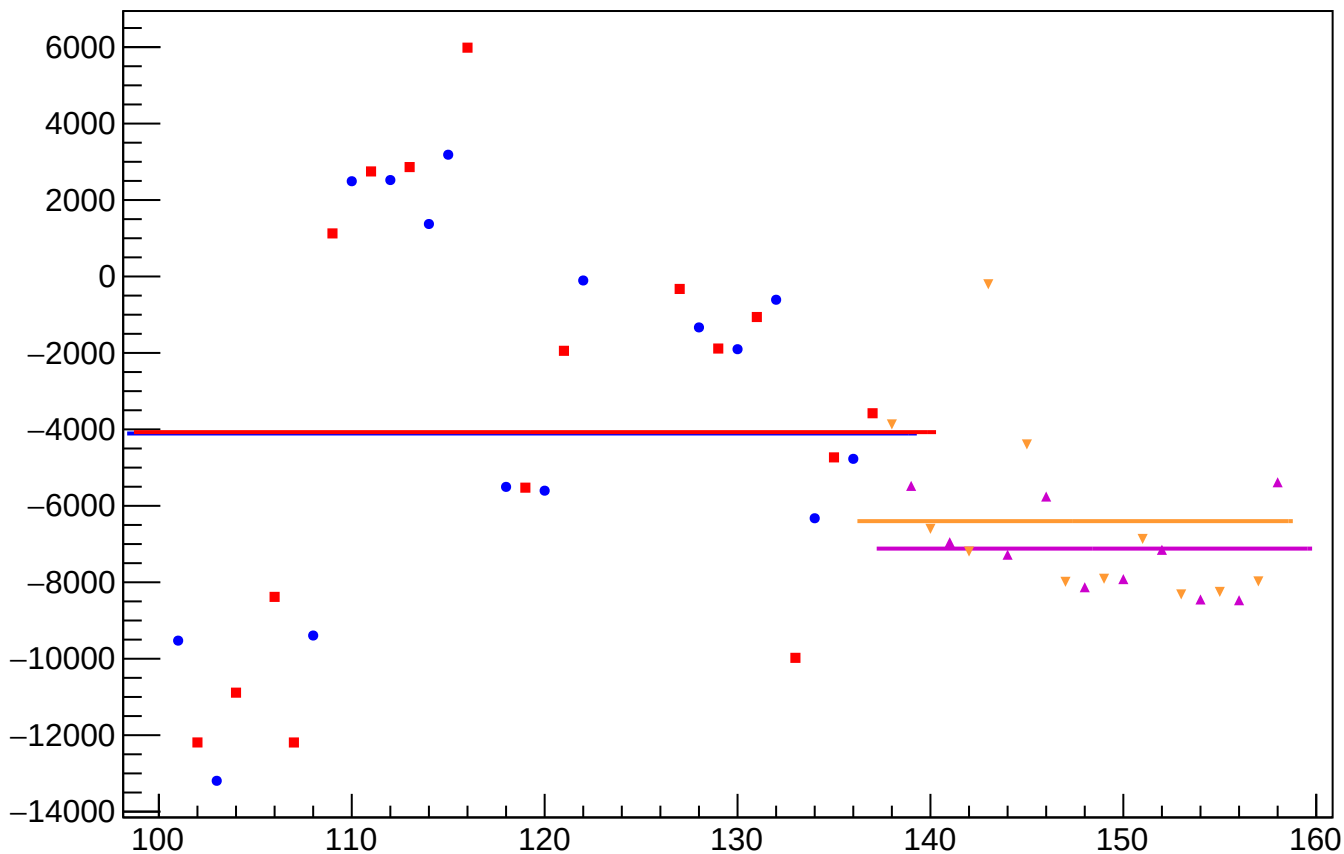
Left In: 134.826+/-0.000 χ^2/NDF : 1051215580205075861730259049354625024.0/9

dit_atl1_coil6_Ndata_mean vs Slug



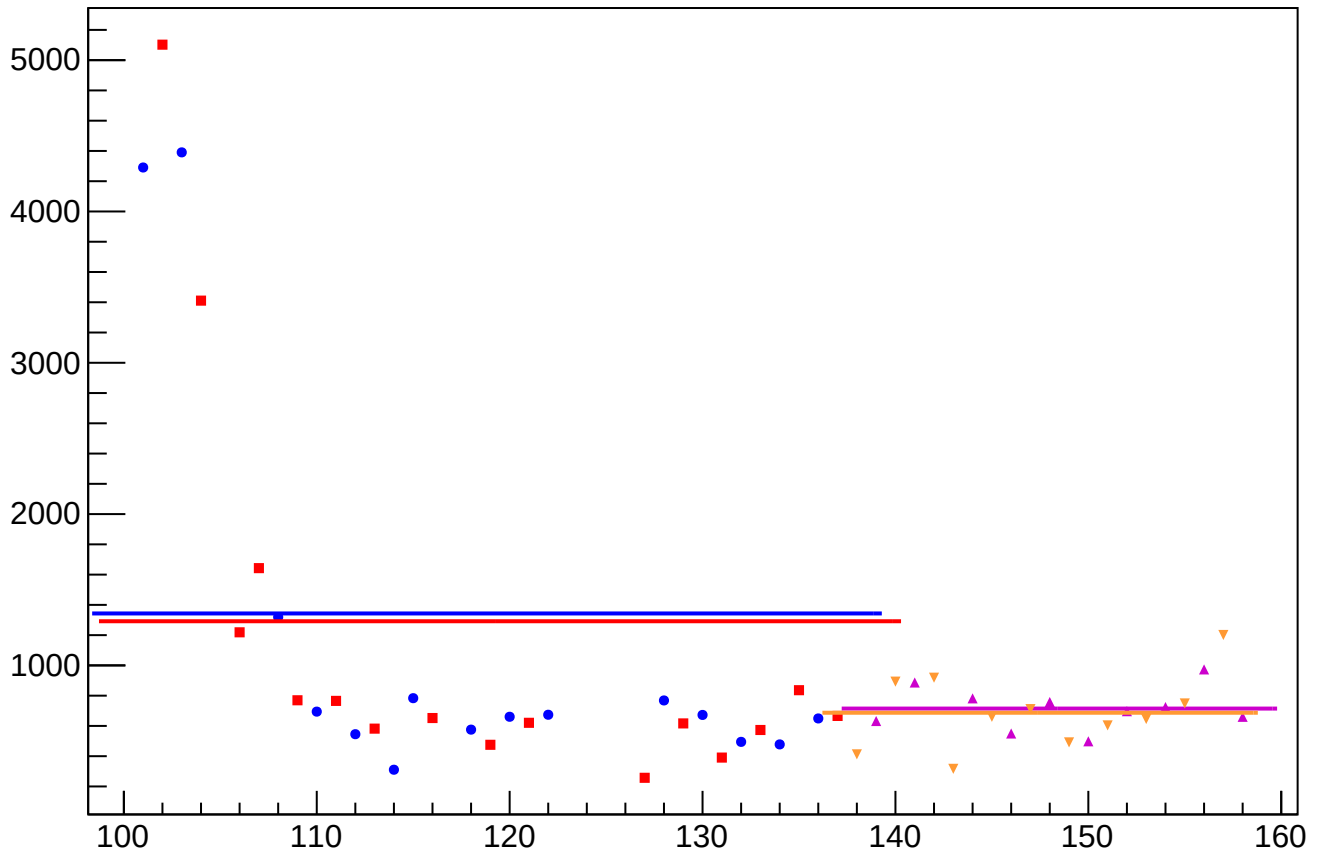
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_atl2_coil6_mean vs Slug



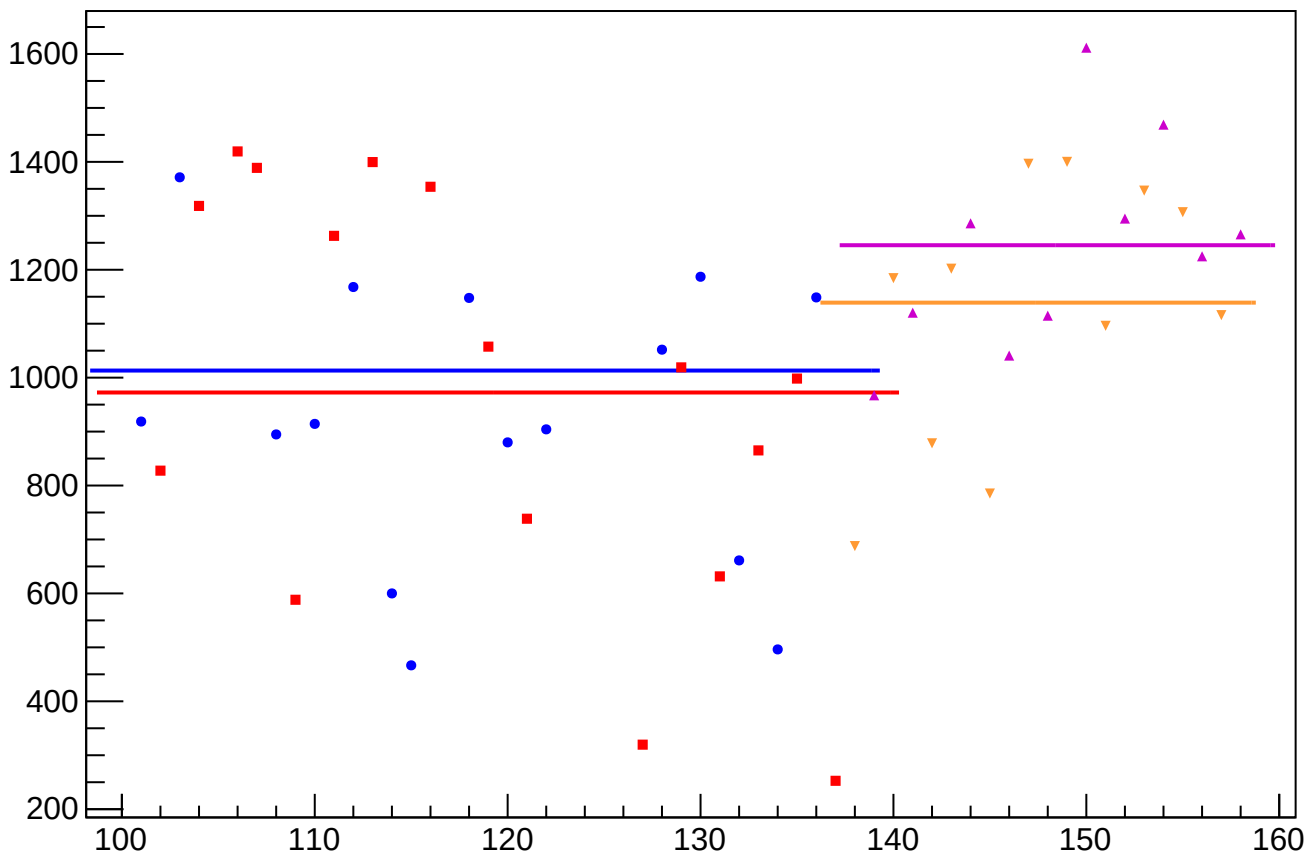
Right In: -4107.443 ± 0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -6400.408 ± 0.000 χ^2/NDF : 4617761803828225396703174227140771053568.0/10
 Right Out: -4072.120 ± 0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: -7119.012 ± 0.000 χ^2/NDF : 1068019741157216612604866931613069475840.0/9

dit_atl2_coil6_err_mean vs Slug



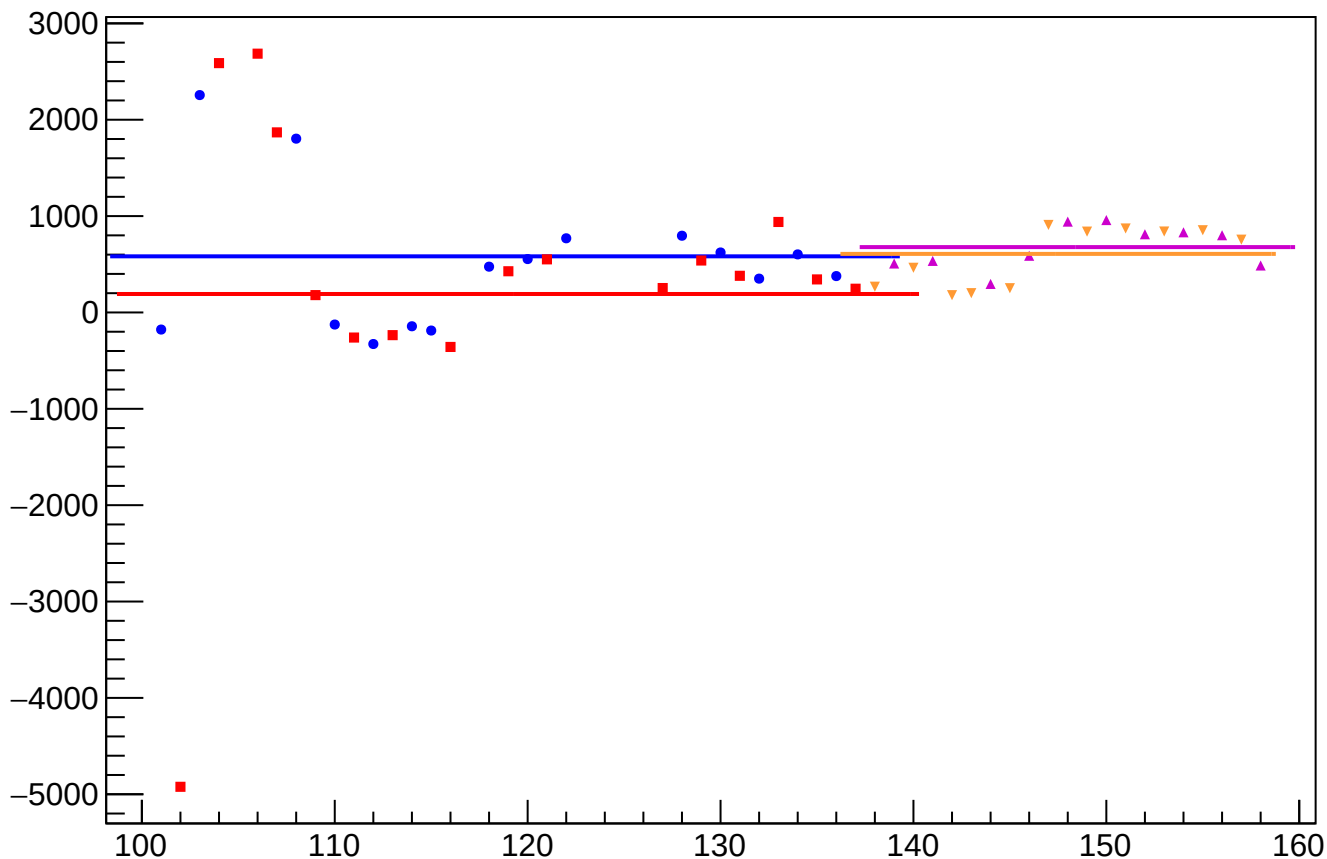
Right In: 1343.321 ± 0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 687.150 ± 0.000 χ^2/NDF : 46219942170715110370162365750424109056.0/10
 Right Out: 1291.796 ± 0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 714.679 ± 0.000 χ^2/NDF : 15780899418151931612125201696917815296.0/9
 All: 971.050 ± 0.000 χ^2/NDF : 2984939089951030272.0/15

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_atr1_coil6_mean vs Slug



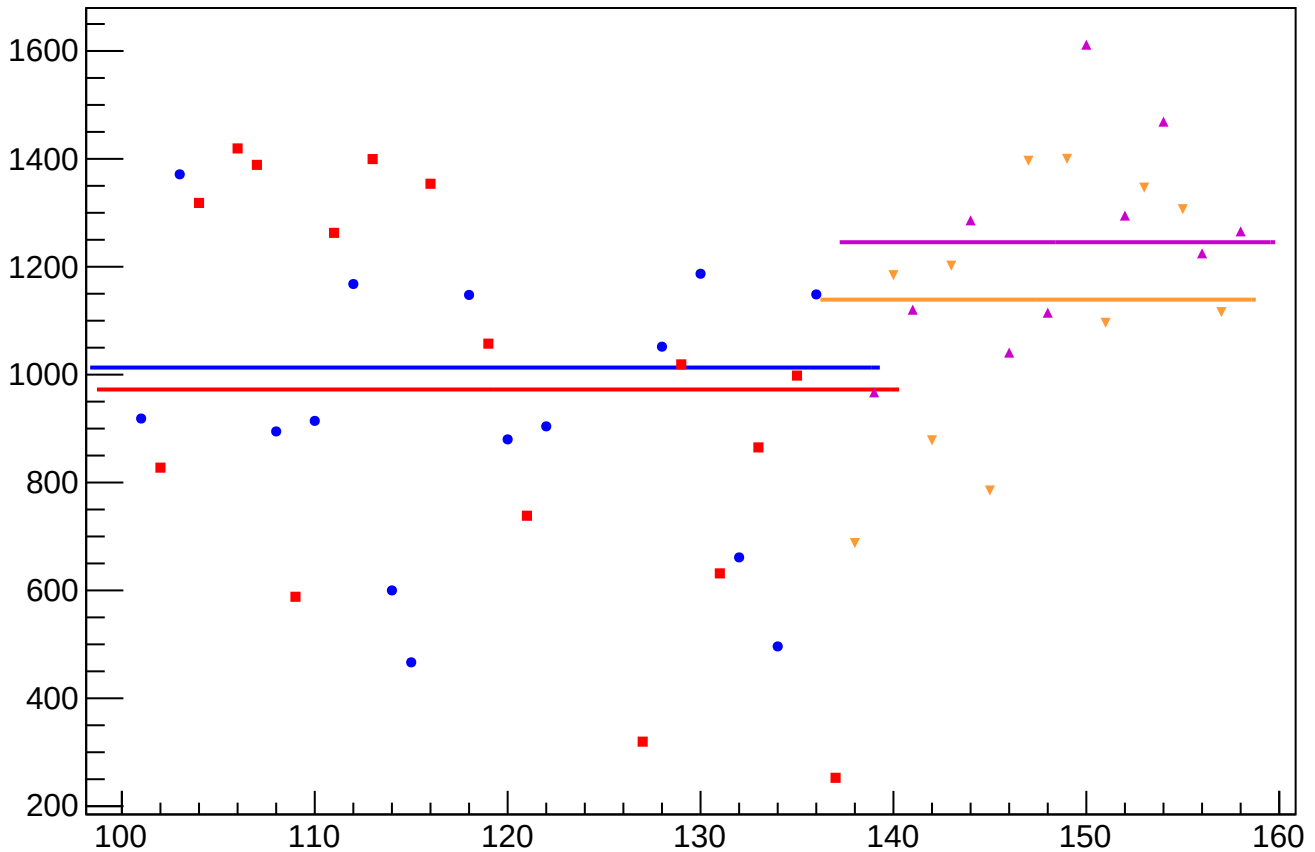
Right In: 582.390 +/- 0.000 $\chi^2/\text{NDF} = 338796567623032040072791996460490031104.0/14$
 Left Out: 607.705 +/- 0.000 $\chi^2/\text{NDF} = 68606066383874352477149758396016099328.0/10$
 Right Out: 191.587 +/- 0.000 $\chi^2/\text{NDF} = 2168762120552346223416743005020716269568.0/15$
 Left In: 678.231 +/- 0.000 $\chi^2/\text{NDF} = 38606937075117998699769705629990518784.0/9$
 All: 529.772 +/- 0.000 $\chi^2/\text{NDF} = 271667029325$

dit_atr1_coil6_err_mean vs Slug



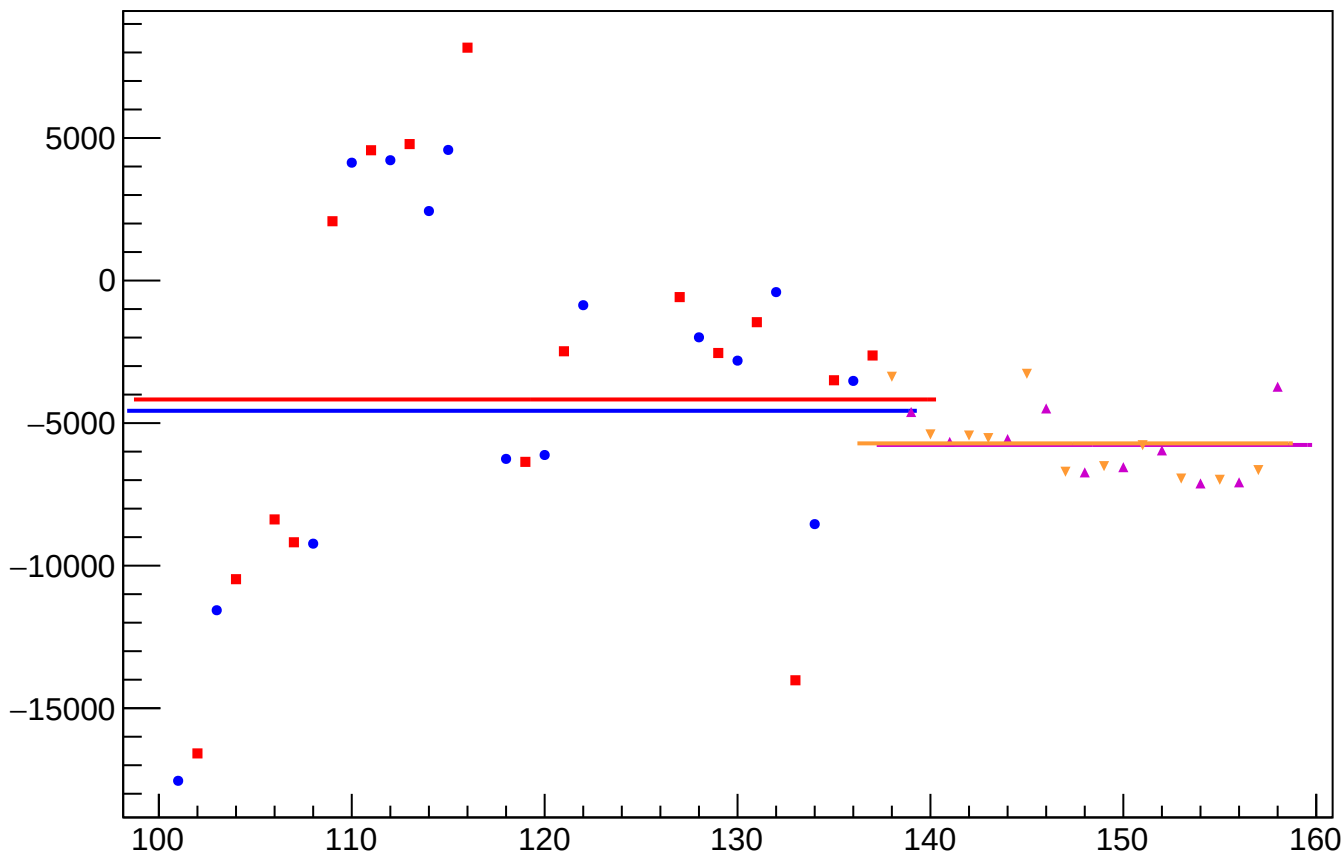
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Left Out: 143.994+/-0.000 χ^2/NDF : 632329557017071089499942033026973696.0/10
 Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Left In: 147.789+/-0.000 χ^2/NDF : 726525233863703104203770718284939264.0/9

dit_atr1_coil6_Ndata_mean vs Slug



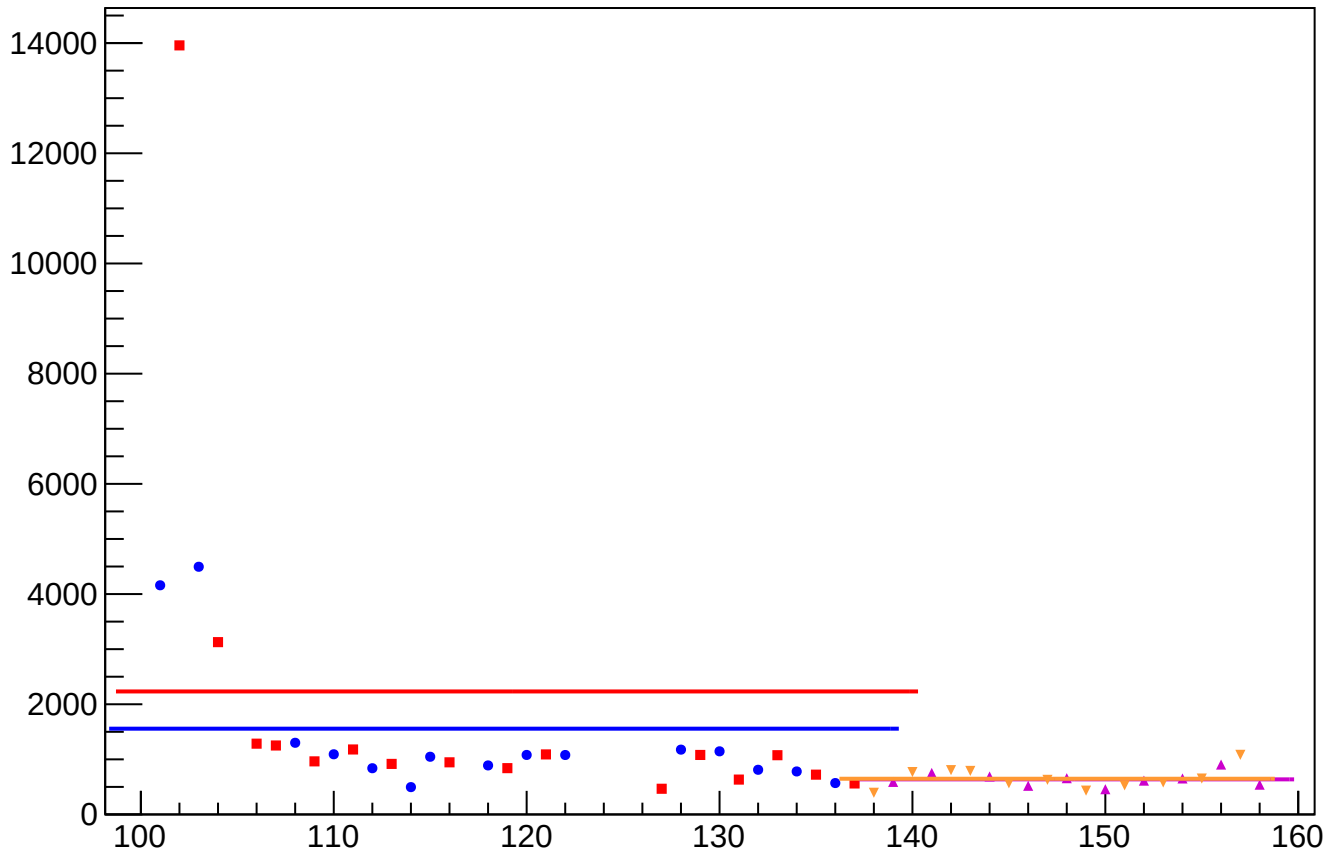
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_atr2_coil6_mean vs Slug



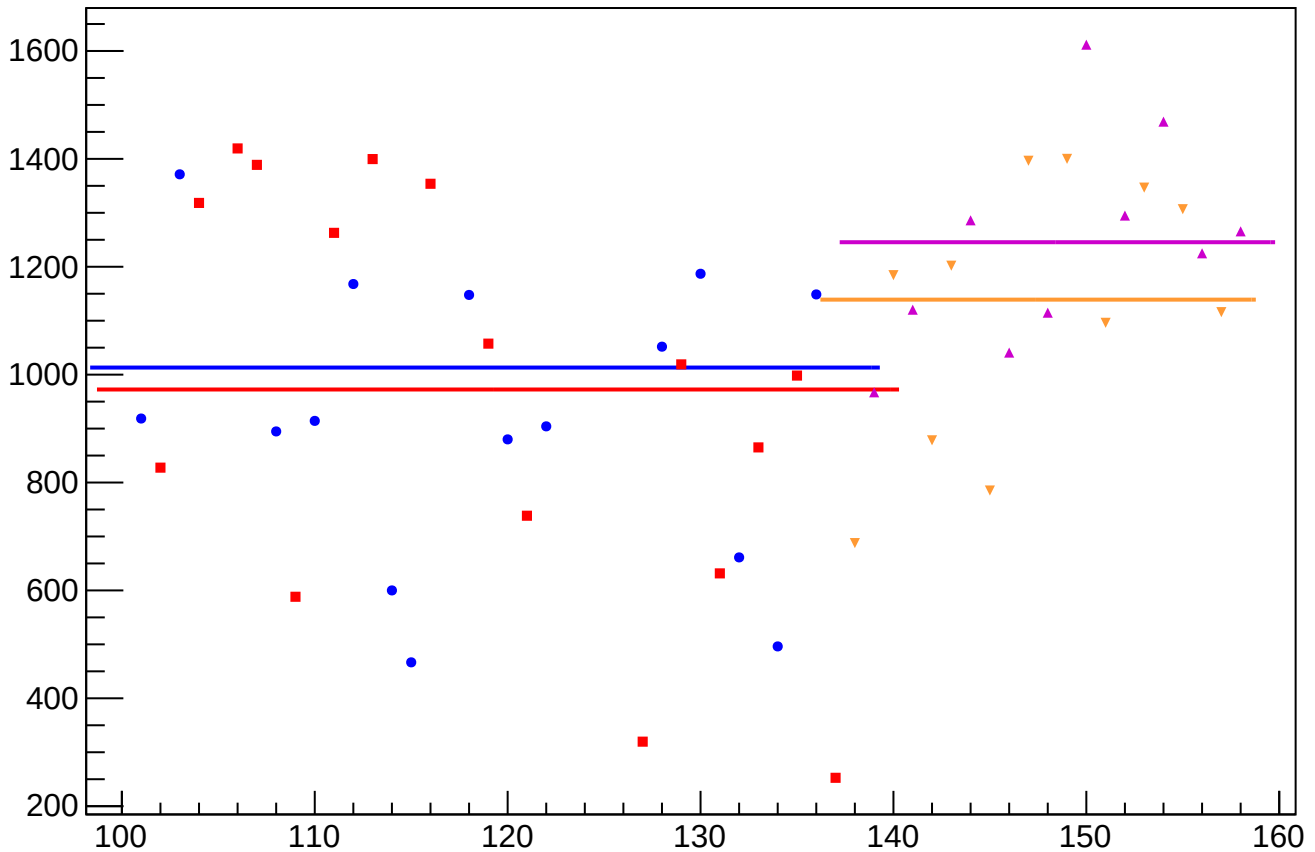
Right In: -4568.297 ± 0.000 χ^2/NDF : 24195052148165719540713110921977756909568.0/14
 Left Out: -5711.067 ± 0.000 χ^2/NDF : 1382603187278234857939004680891122319360.0/10
 Right Out: -4170.773 ± 0.000 χ^2/NDF : 30967248832187912041113909559481103024128.0/15
 Left In: -5766.318 ± 0.000 χ^2/NDF : 1022802972818909167192127127927734140928.0/9

dit_atr2_coil6_err_mean vs Slug



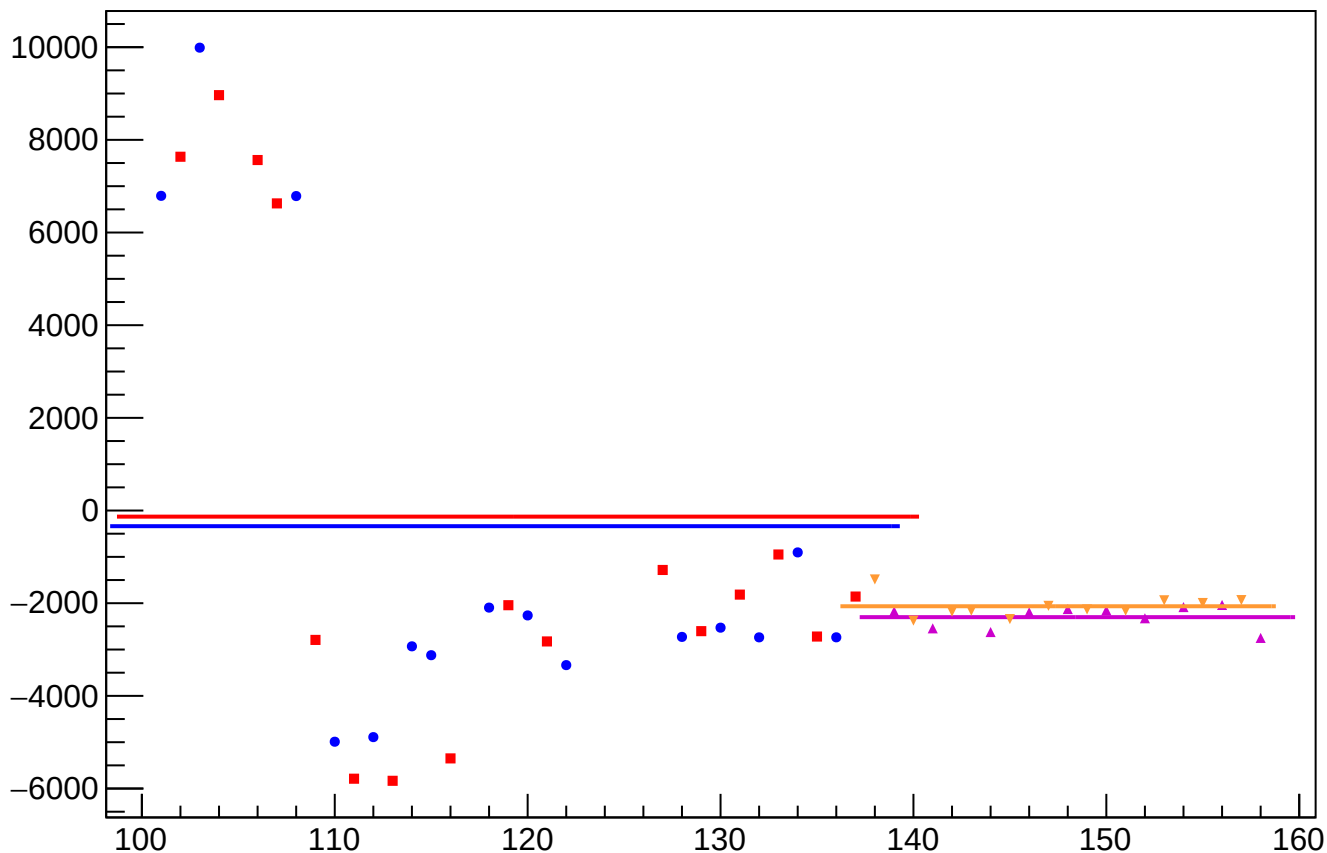
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 648.146+/-0.000 χ^2/NDF : 29615185736433471017808732440745738240.0/10
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 636.882+/-0.000 χ^2/NDF : 12251335597281760993378972797140729856.0/9

dit_atr2_coil6_Ndata_mean vs Slug



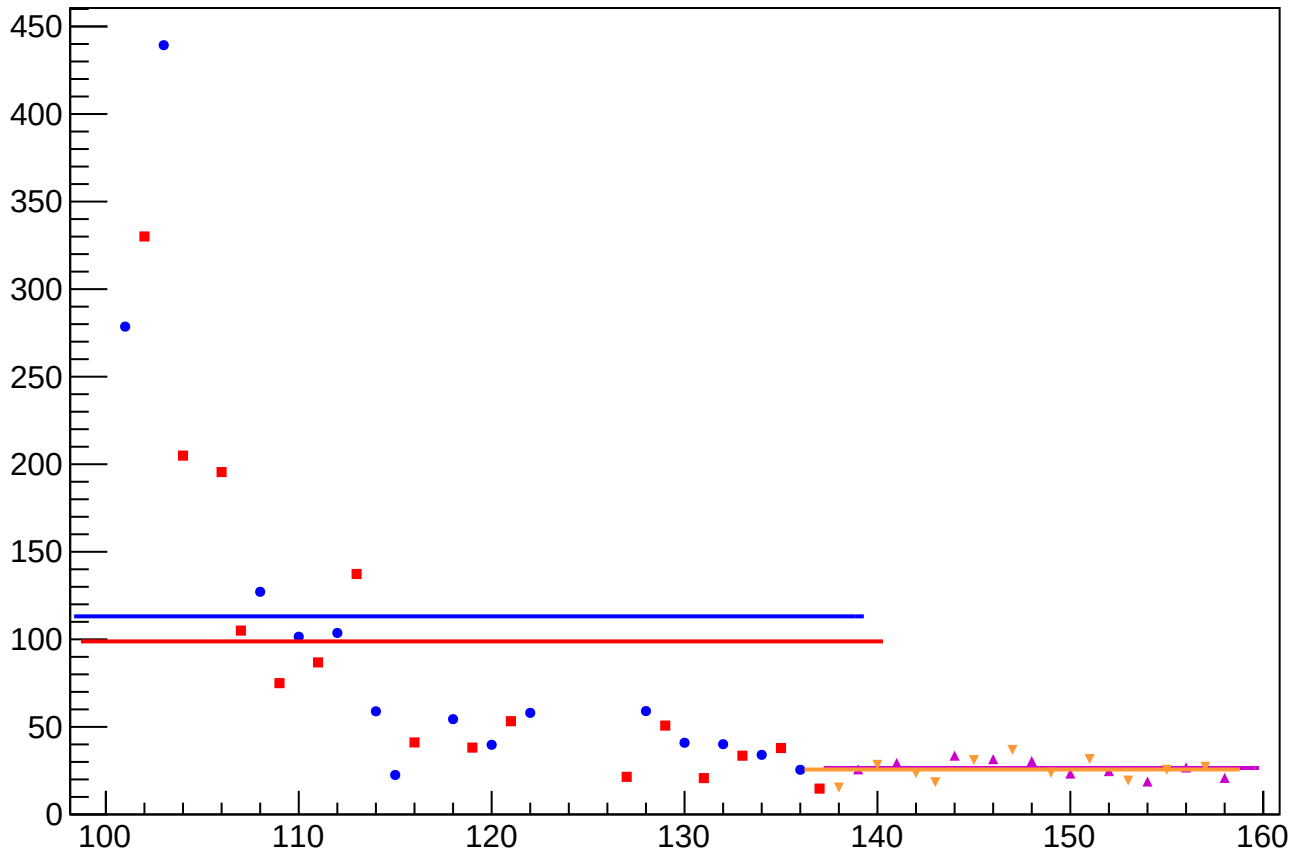
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_sam1_coil6_mean vs Slug



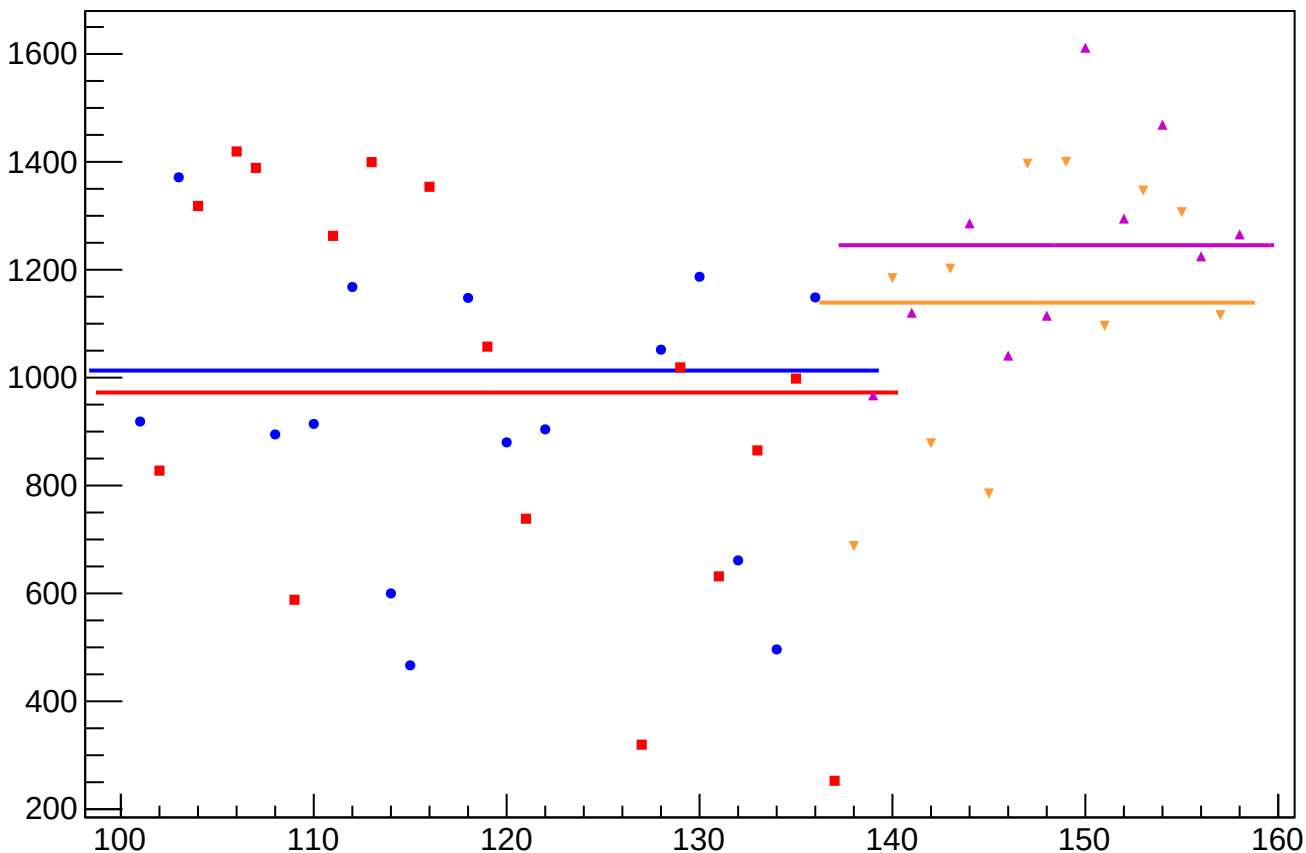
Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$
 Left Out: -2065.919 ± 0.000 $\chi^2/\text{NDF}: 45744995429159598146878047265434370048.0/10$
 Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$
 Left In: -2300.967 ± 0.000 $\chi^2/\text{NDF}: 46987373090784001216760055833898778624.0/9$

dit_sam1_coil6_err_mean vs Slug



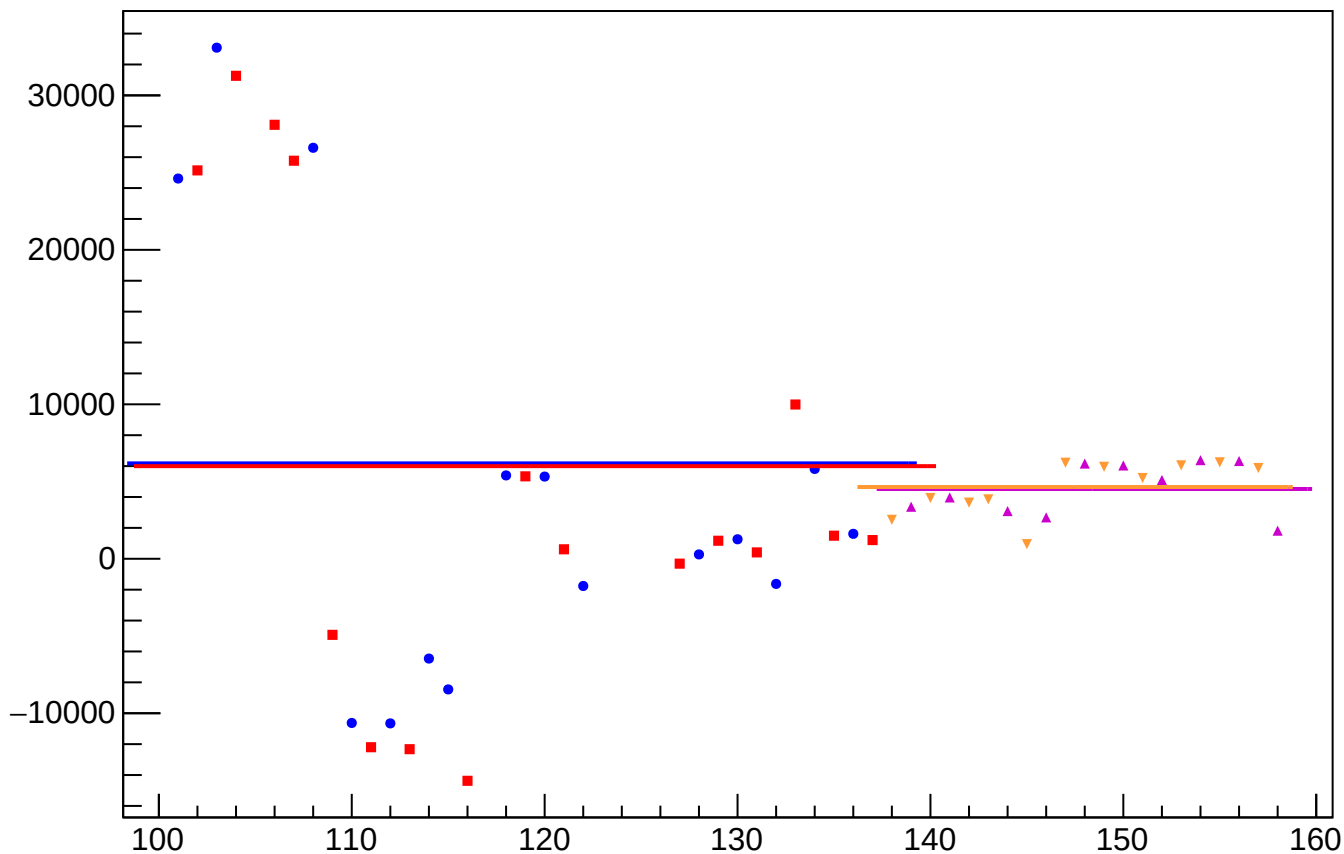
Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.669 $\pm$ 0.000 χ^2 /NDF: 31361391438445333975950955835817984.0/10
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 26.531 $\pm$ 0.000 χ^2 /NDF: 17717864512003281818069547953946624.0/9

dit_sam1_coil6_Ndata_mean vs Slug



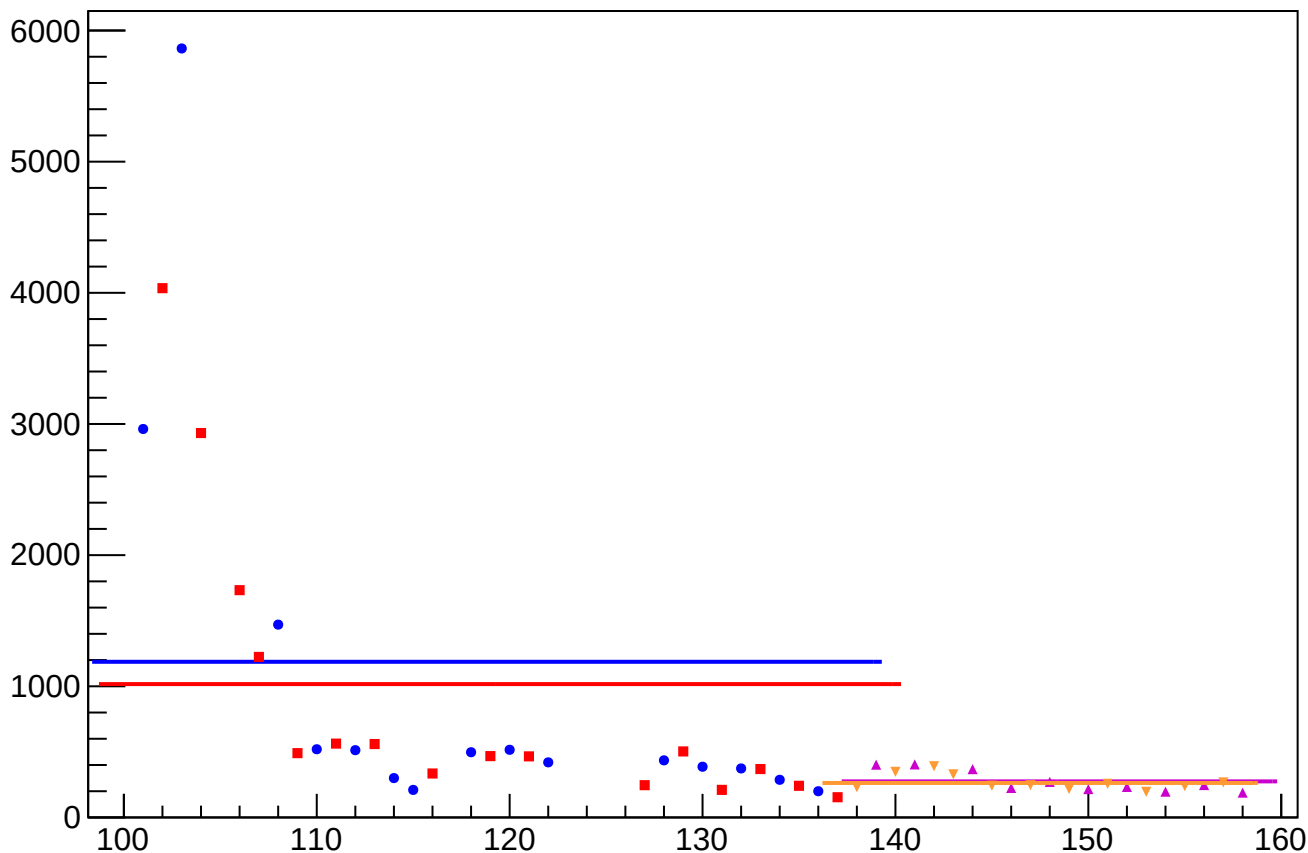
Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1139.048 +/- 0.000 χ^2/NDF : 46582594487916709604733486240874102784.0/10
 Right Out: 972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1245.495 +/- 0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_sam2_coil6_mean vs Slug



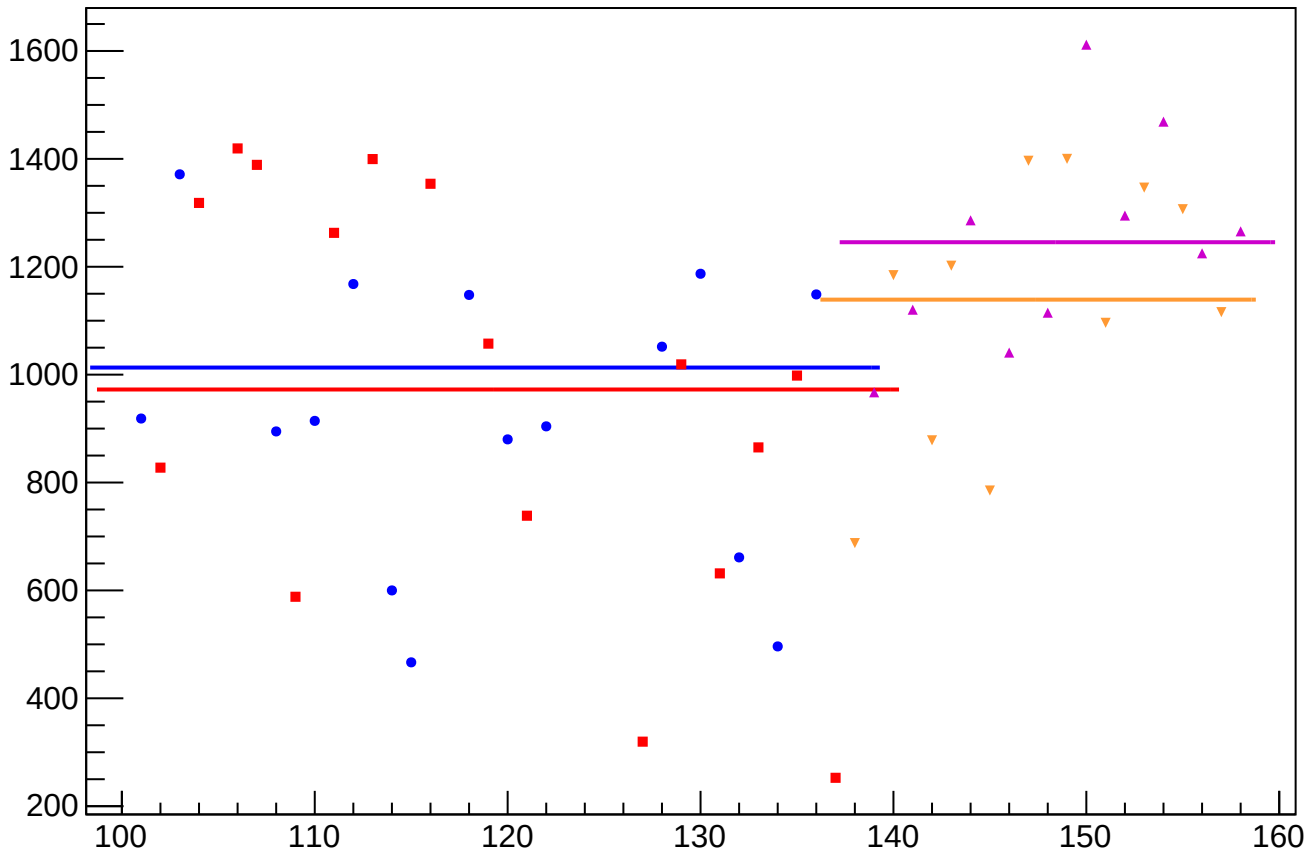
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4644.462+/-0.000 χ^2/NDF : 2444694000734007243634465261938192416768.0/10
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4519.034+/-0.000 χ^2/NDF : 2225888041502484842915790143256130486272.0/9

dit_sam2_coil6_err_mean vs Slug



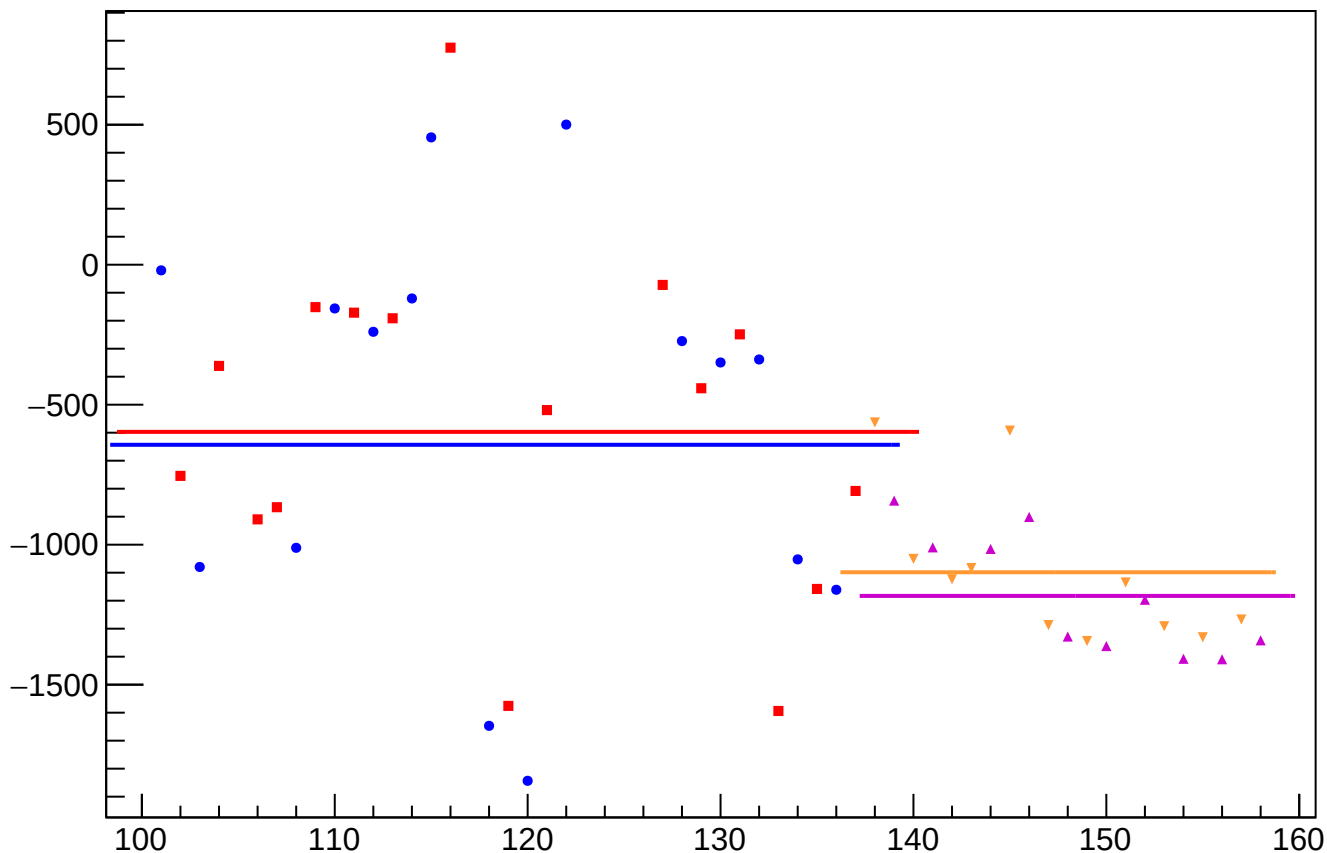
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 262.971 $\pm$ 0.000 χ^2 /NDF: 2383740063457592215255340835556818944.0/10
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 275.034 $\pm$ 0.000 χ^2 /NDF: 5401649127570007964909585213692051456.0/9
 + sign 666.467 $\pm$ 0.000 χ^2 /NDF: 211086348406036
 All: 633.469 $\pm$ 0.000 χ^2 /NDF: 325270951795
 - sign 601.146 $\pm$ 0.000 χ^2 /NDF: 113864307441180

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1098.481+/-0.000 χ^2/NDF : 60971240256337713542797013471696257024.0/10

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

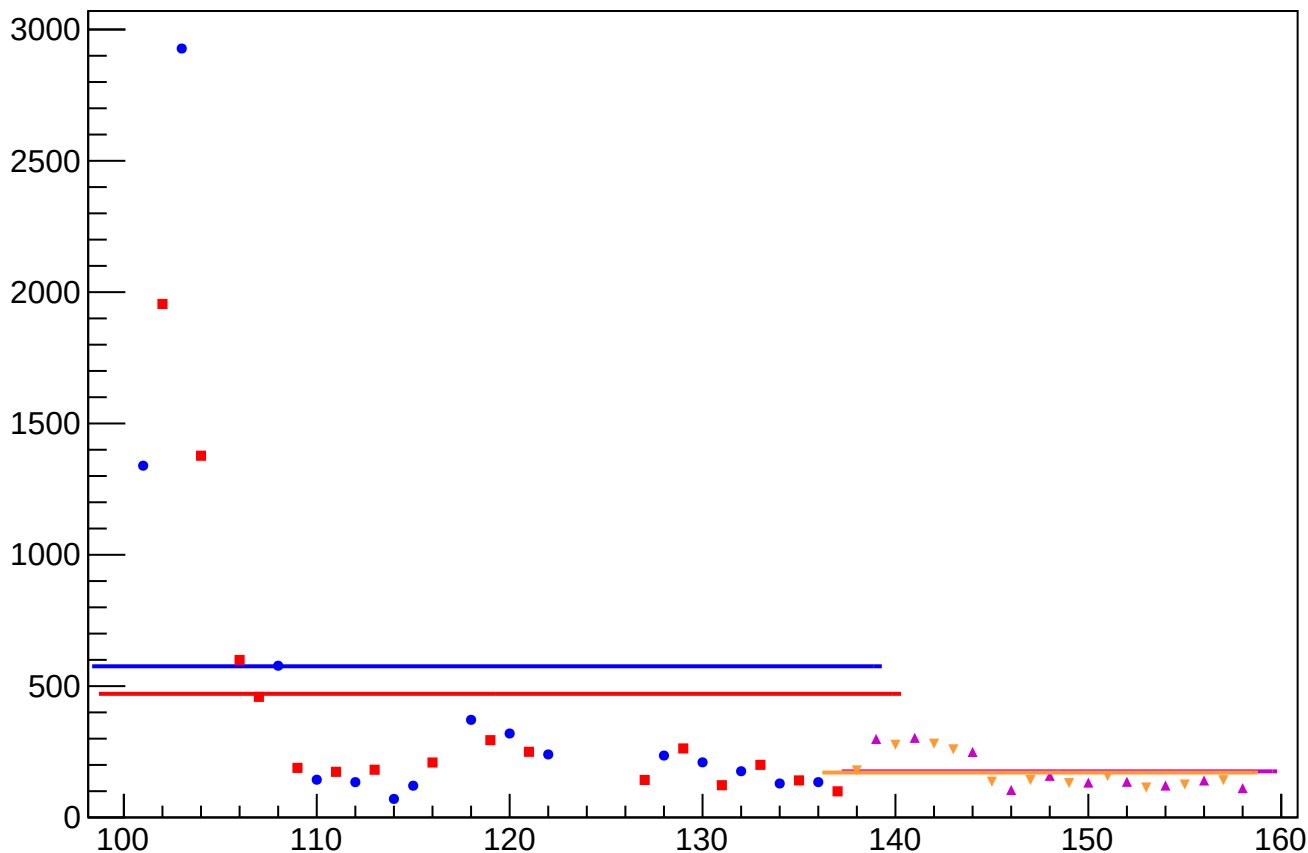
Left In: -1182.946+/-0.000 χ^2/NDF : 36375552020537355540881867073518567424.0/9

+ sign -899.648+/-0.000 χ^2/NDF : 40946469629658

All: -912.623+/-0.000 χ^2/NDF : 78536410095

- sign -925.334+/-0.000 χ^2/NDF : 375404129057813

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526 +/- 0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 170.991 +/- 0.000 χ^2/NDF : 2820734366770494458828404107203575808.0/10

Right Out: 470.716 +/- 0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

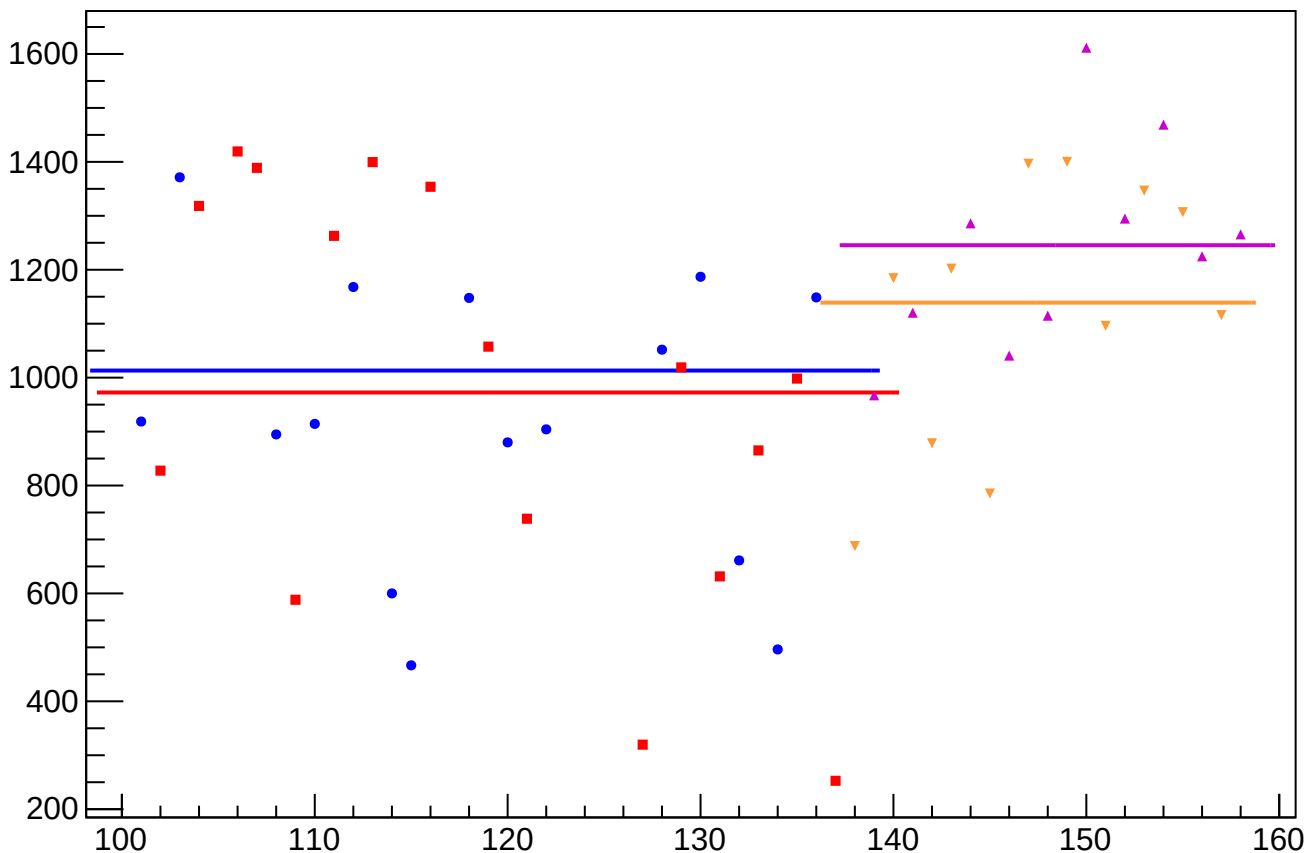
Left In: 175.504 +/- 0.000 χ^2/NDF : 4539230210254737255719814970065551360.0/9

+ sign 347.669 +/- 0.000 χ^2/NDF : 495323113840761

All: 326.267 +/- 0.000 χ^2/NDF : 74309104783

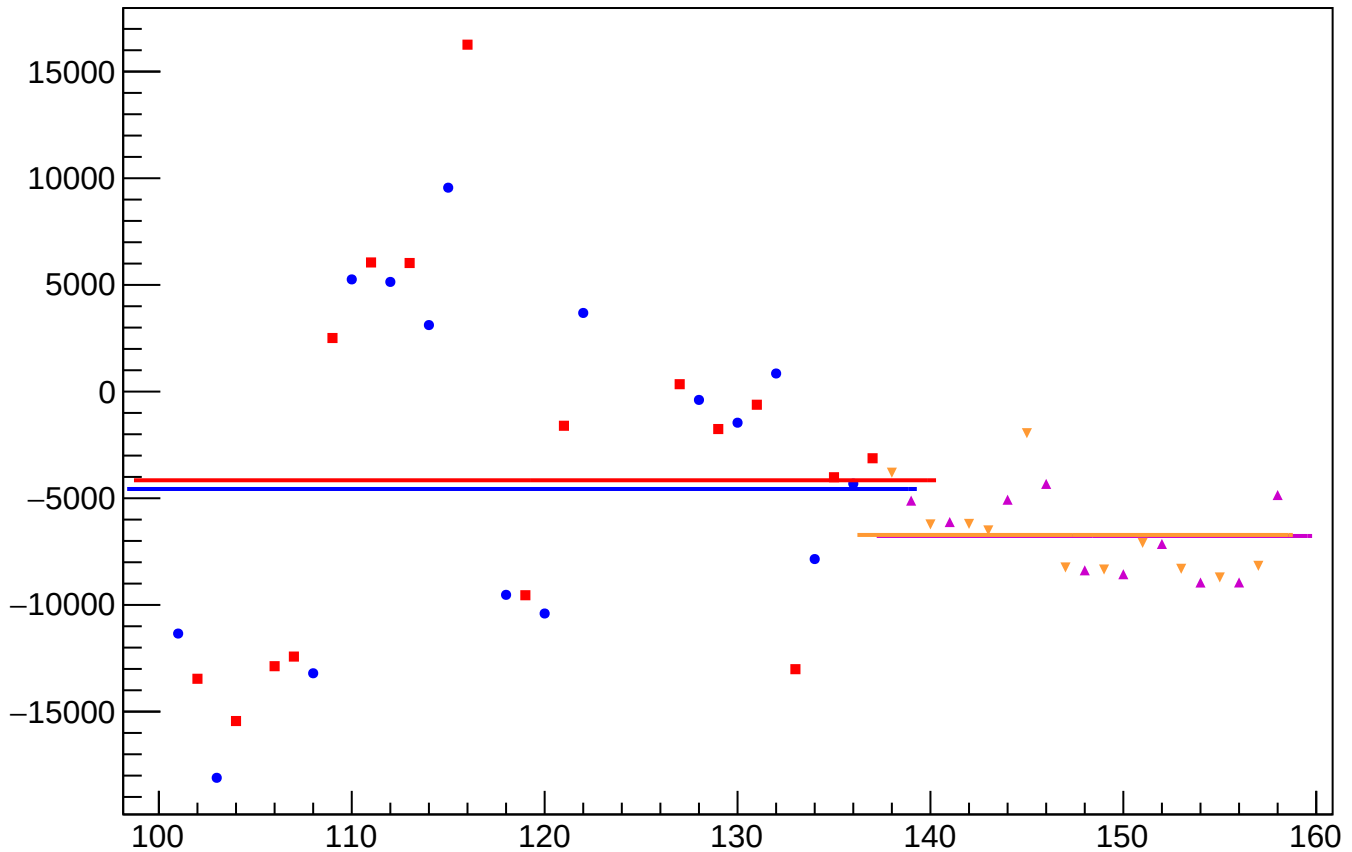
- sign 305.304 +/- 0.000 χ^2/NDF : 246420621242202

dit_sam3_coil6_Ndata_mean vs Slug



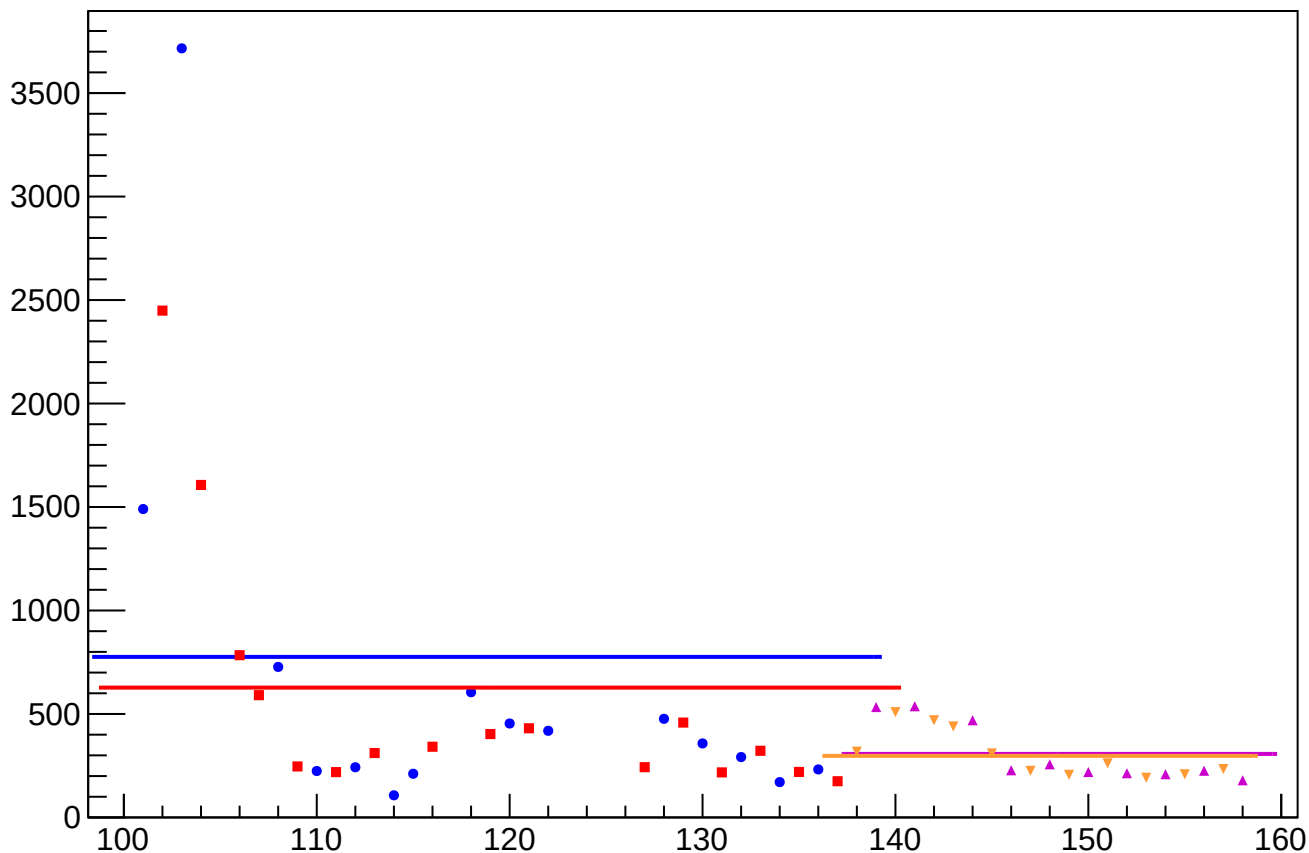
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14
 Left Out: -6719.299 ± 0.000 χ^2/NDF : 3650994810923824975659872779496870379520.0/10
 Right Out: -4156.859 ± 0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15
 Left In: -6767.679 ± 0.000 χ^2/NDF : 2633962132978784741994661844815034974208.0/9

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 297.603+/-0.000 χ^2/NDF : 9535521971356019200385041600138444800.0/10

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

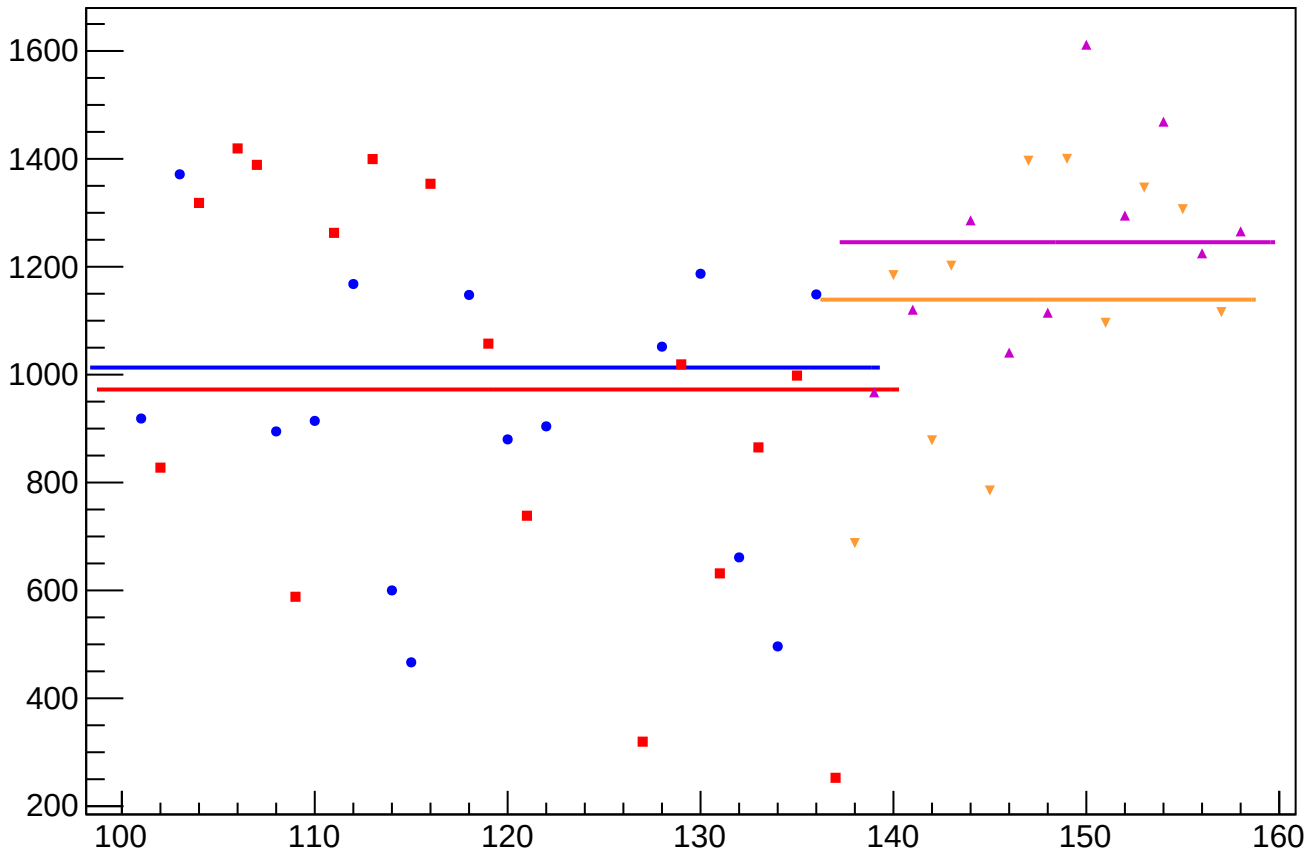
Left In: 307.003+/-0.000 χ^2/NDF : 15894306881714550792702539396563337216.0/9

+ sign 506.463+/-0.000 χ^2/NDF : 734992667664005

All: 476.848+/-0.000 χ^2/NDF : 108932928427

- sign 447.839+/-0.000 χ^2/NDF : 351756685491033

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1139.048+/-0.000 χ^2/NDF : 46582594487916709604733486240874102784.0/10

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

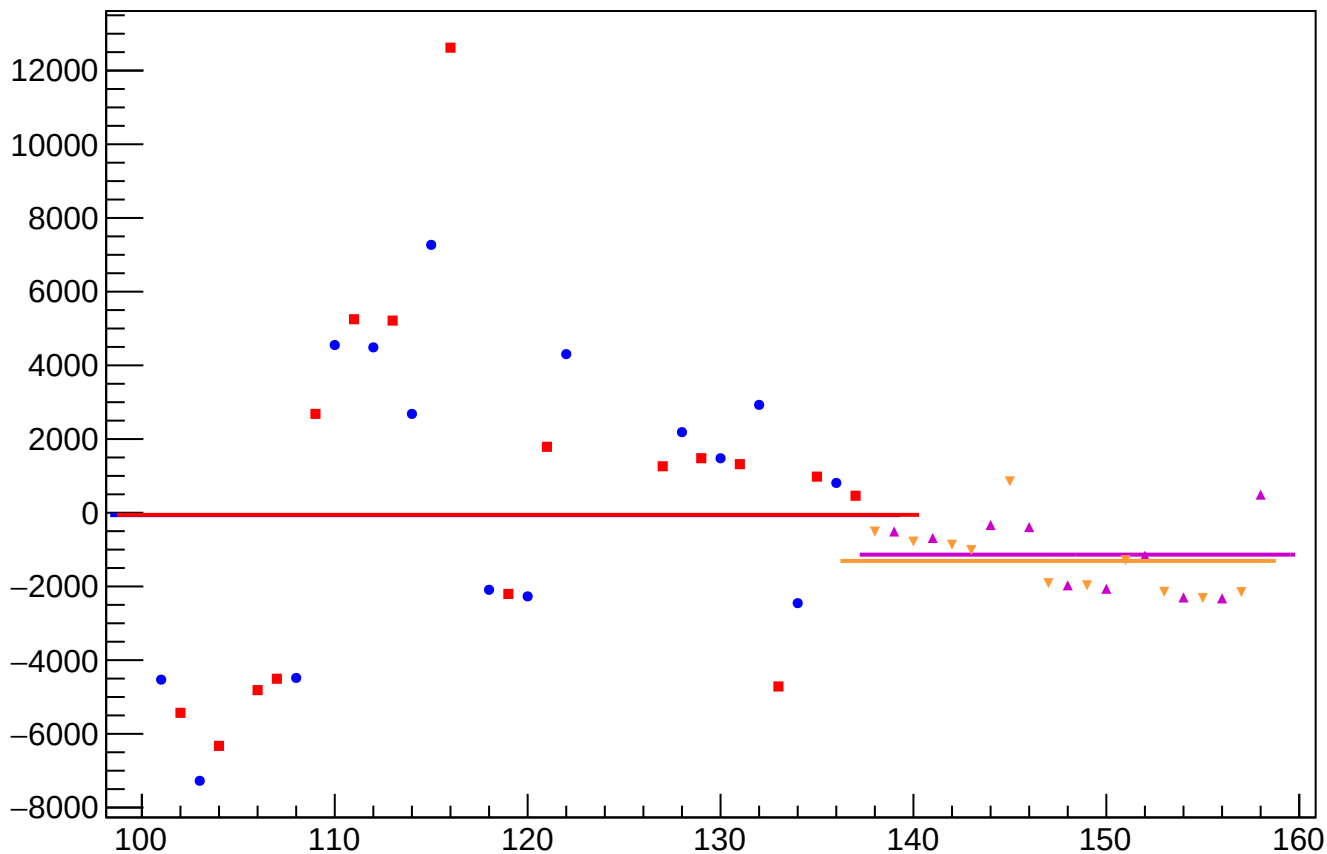
Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1104.968+/-0.000 χ^2/NDF : 22171297470

- sign 1125.448+/-0.000 χ^2/NDF : 13632884368024

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

+ sign -764.698+/-0.000 χ^2/NDF : 10905545307213

Left Out: -1307.429+/-0.000 χ^2/NDF : 726815614909090253709419208644428300288.0/10

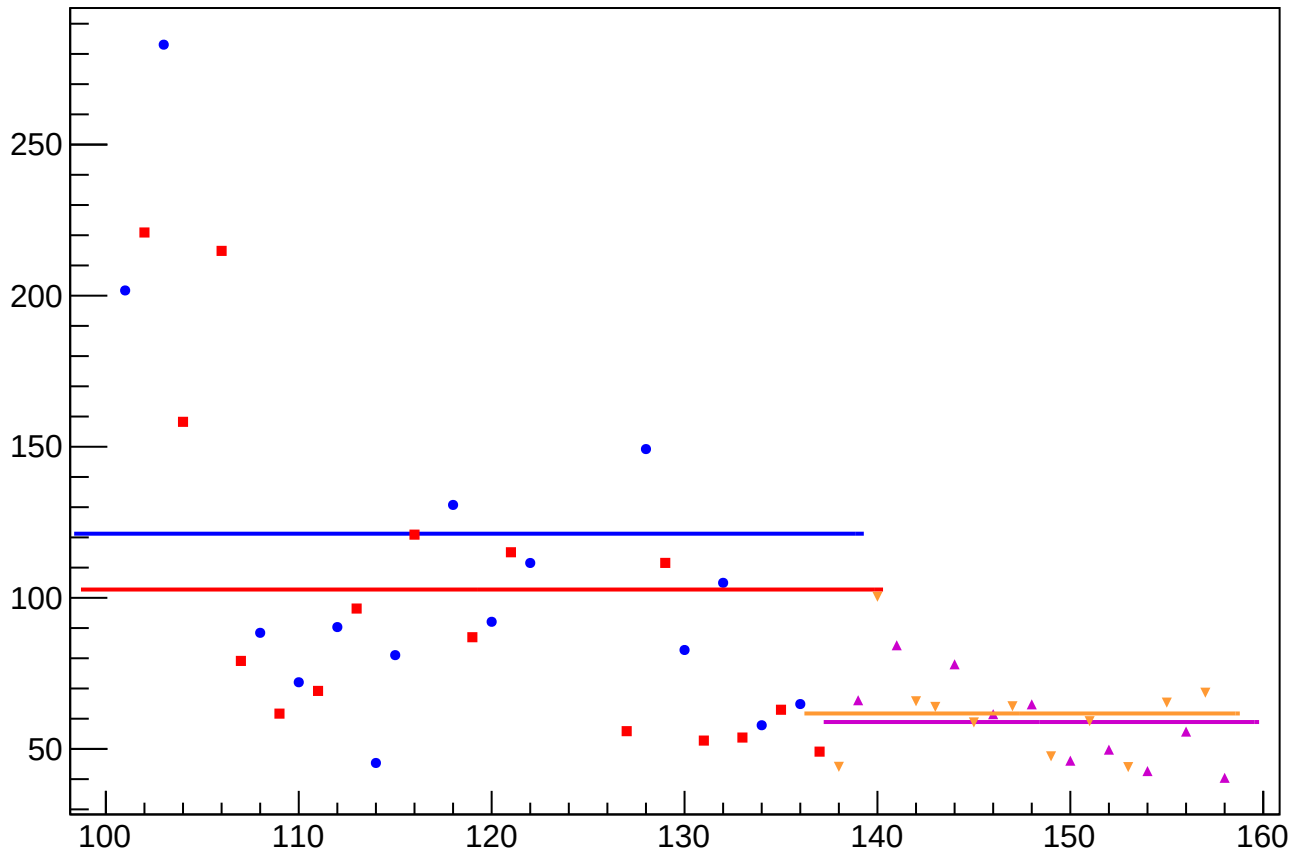
All: -712.797+/-0.000 χ^2/NDF : 25867276680

Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

- sign -661.957+/-0.000 χ^2/NDF : 149538075215000

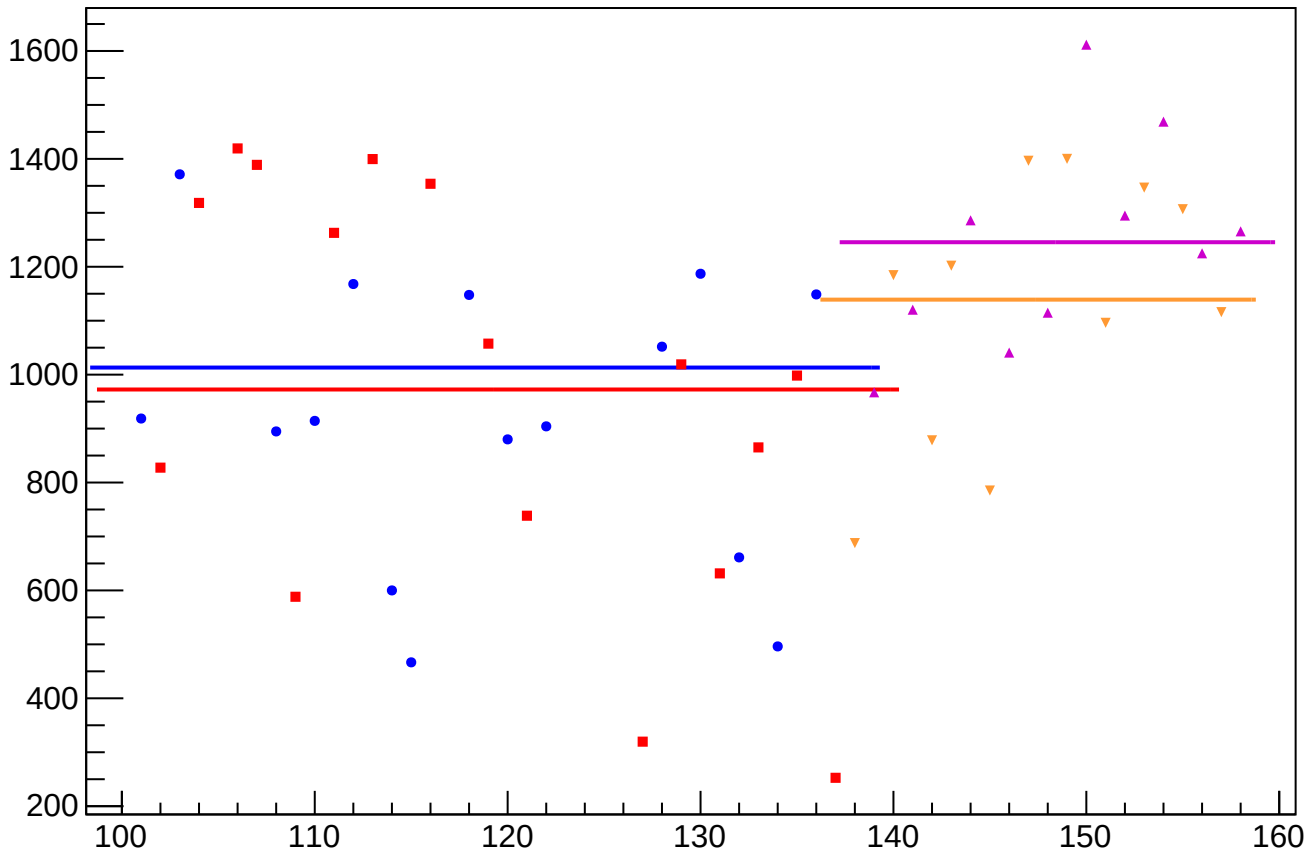
Left In: -1136.491+/-0.000 χ^2/NDF : 737523878604150914568828572285515333632.0/9

dit_sam5_coil6_err_mean vs Slug



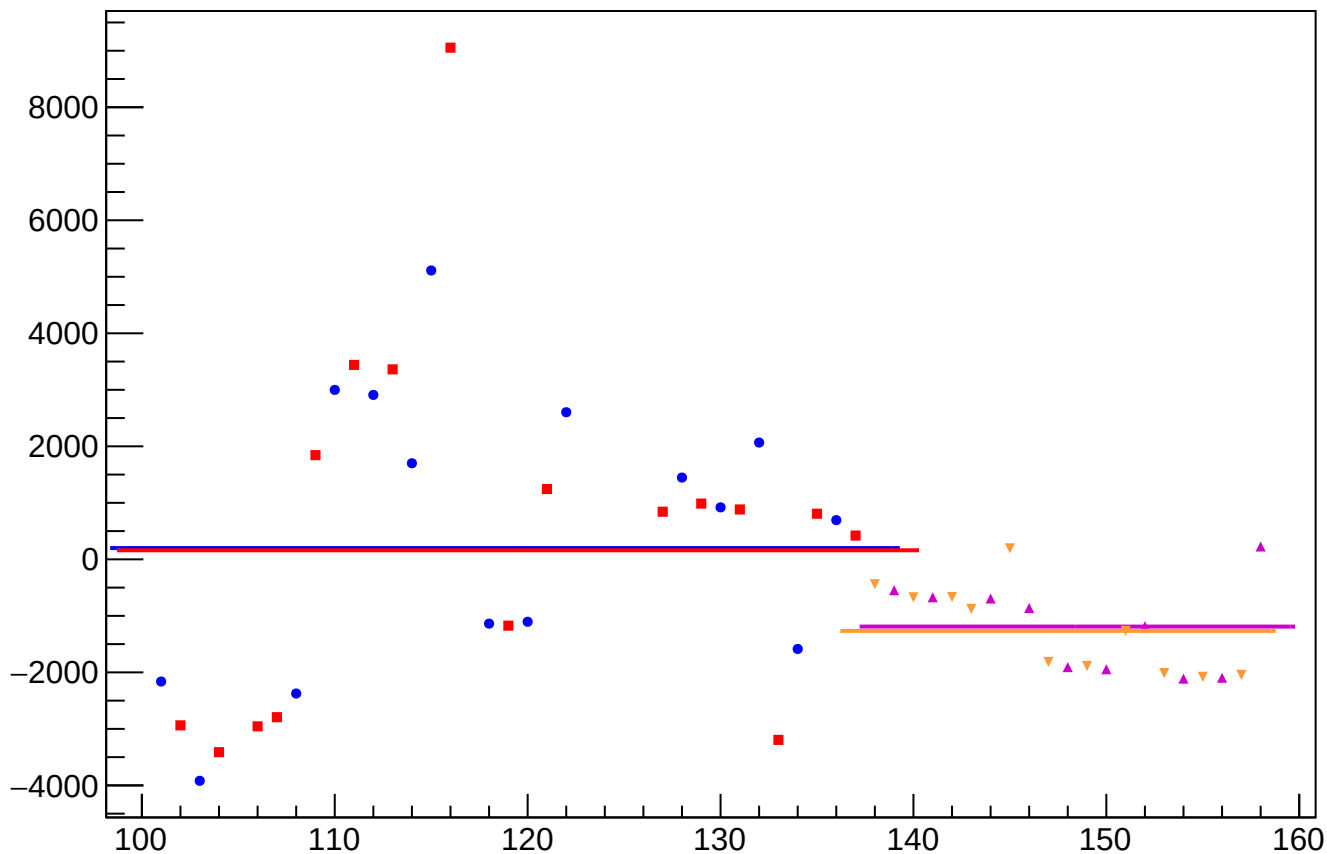
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14
 Left Out: 61.731+/-0.000 χ^2/NDF : 197841006813512188724467111317995520.0/10
 Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15
 Left In: 58.903+/-0.000 χ^2/NDF : 168982164788728176175332737501102080.0/9

dit_sam5_coil6_Ndata_mean vs Slug



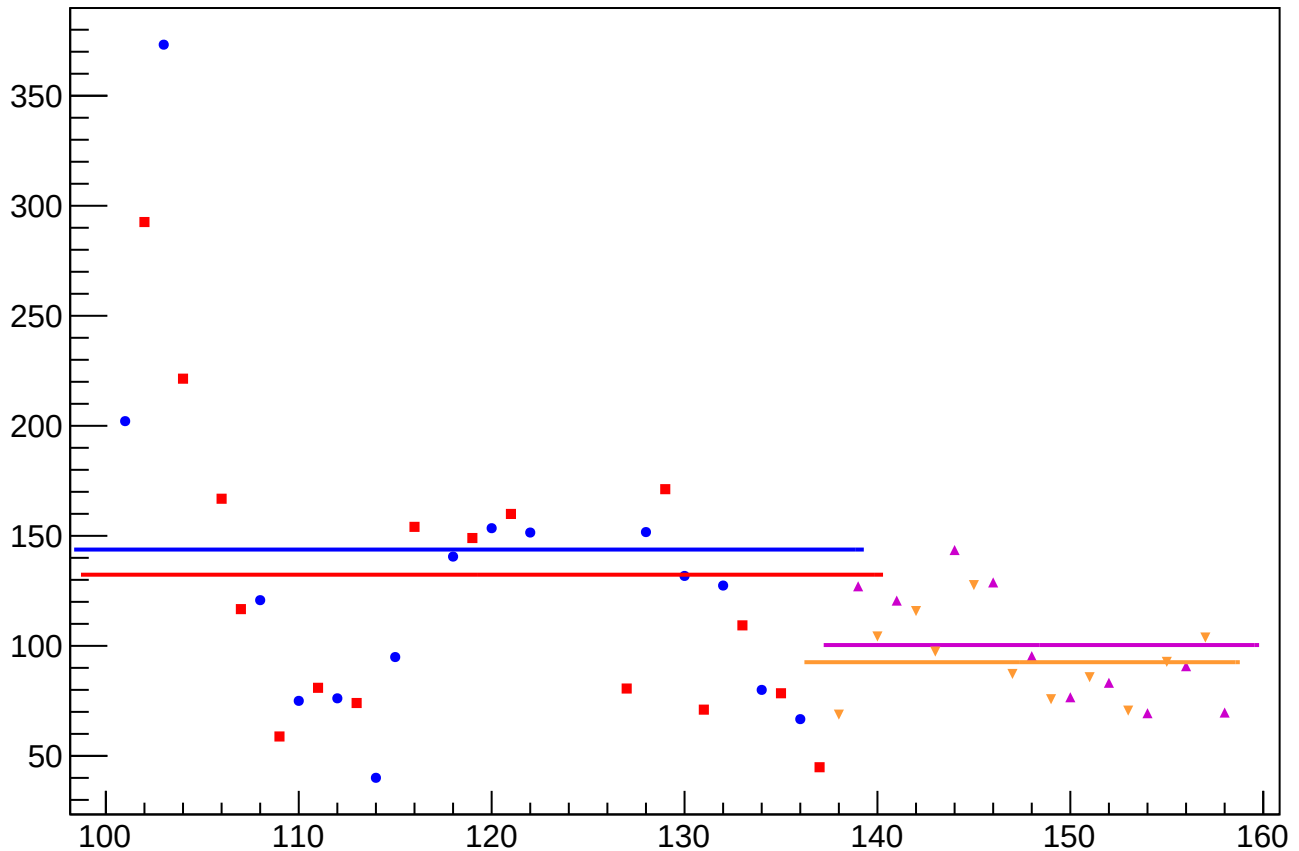
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_sam6_coil6_mean vs Slug



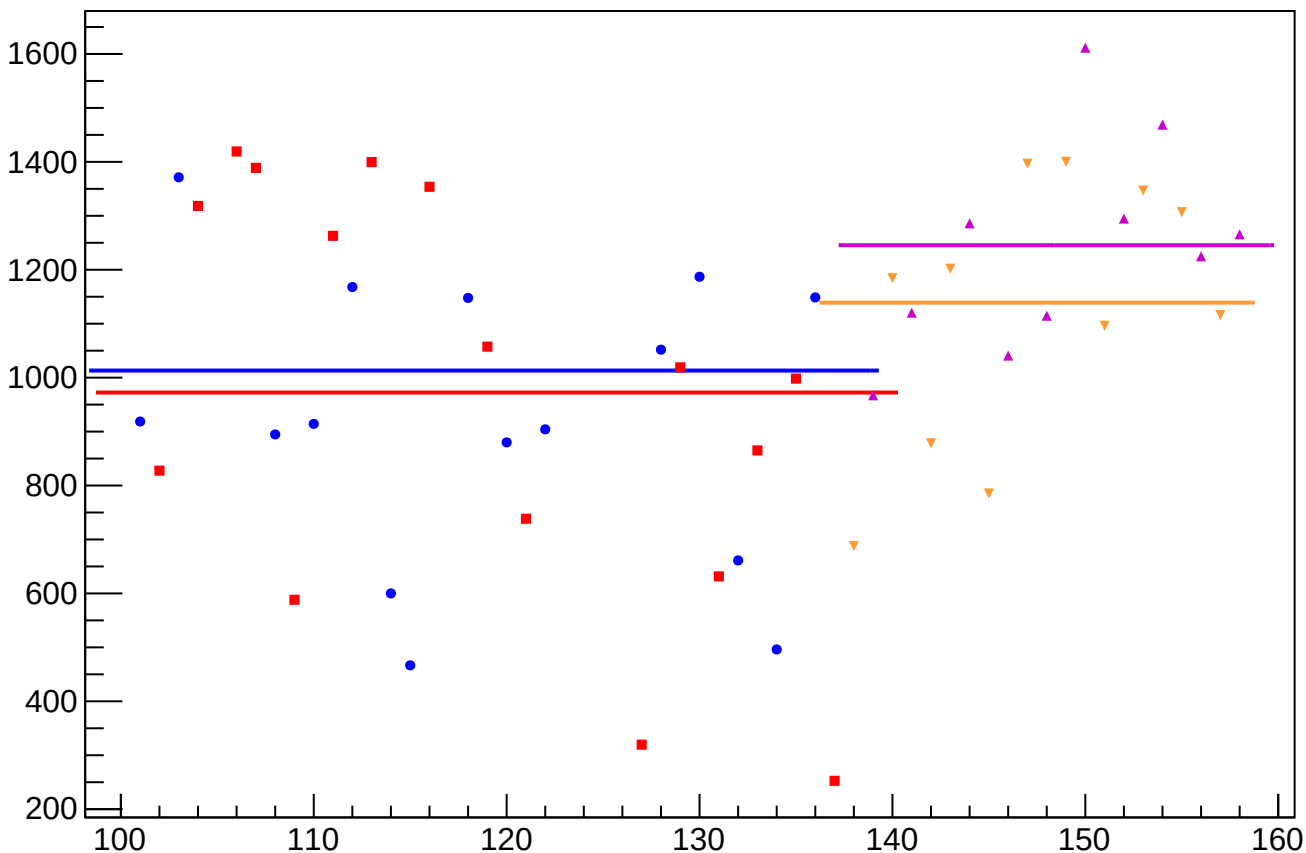
Right In: 199.503+/-0.000	χ^2/NDF : 3268159745923533825045181664876849790976.0/14	+ sign -625.889+/-0.000	χ^2/NDF : 45389201685146
Left Out: -1265.889+/-0.000	χ^2/NDF : 485779553794071623943229183441319755776.0/10	All: -610.792+/-0.000	χ^2/NDF : 11387549889
Right Out: 160.512+/-0.000	χ^2/NDF : 5680576709461197901526729703706251493376.0/15	- sign -596.003+/-0.000	χ^2/NDF : 684795925786157
Left In: -1189.646+/-0.000	χ^2/NDF : 486098419220033497908045253773457620992.0/9		

dit_sam6_coil6_err_mean vs Slug



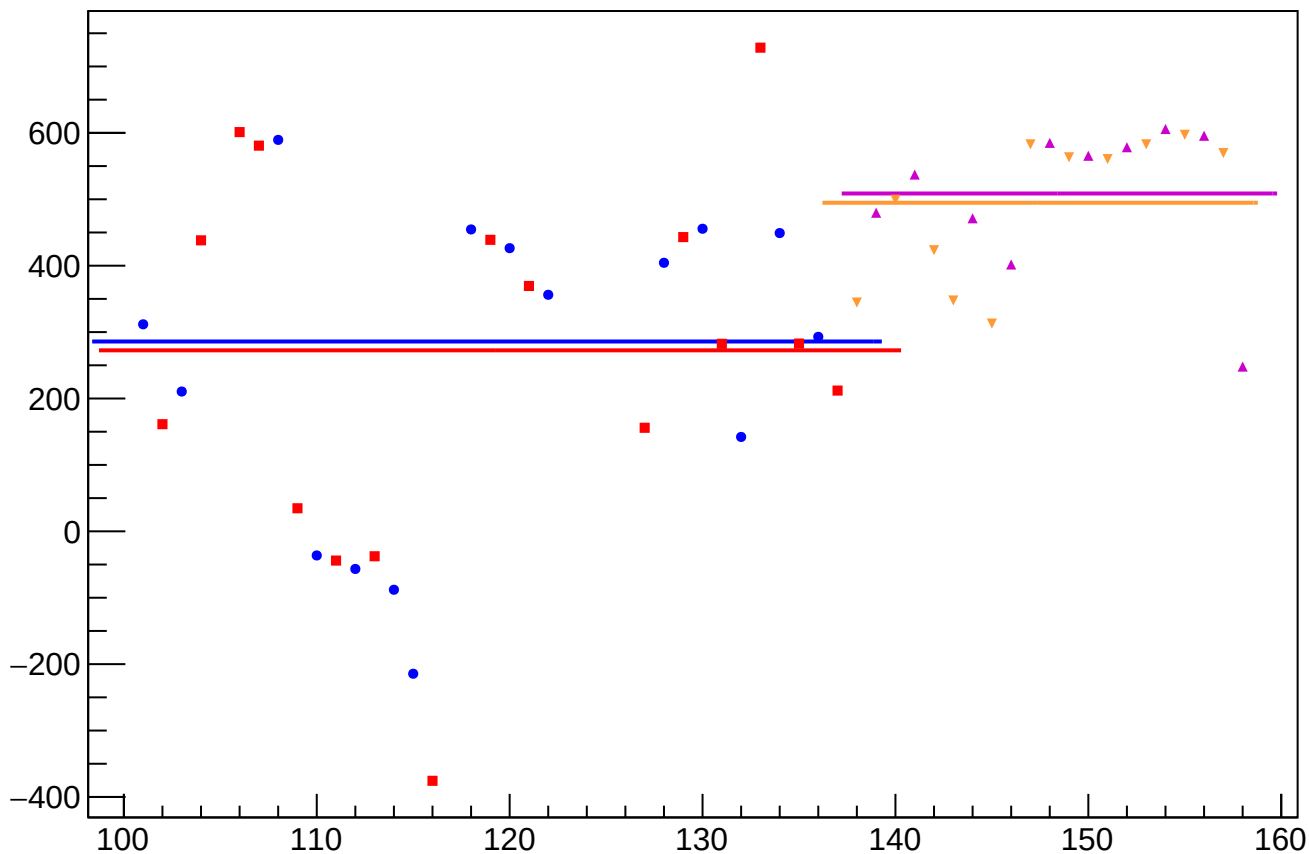
Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14
 Left Out: 92.579 $\pm$ 0.000 χ^2 /NDF: 262022982937085870339121273957777408.0/10
 Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15
 Left In: 100.373 $\pm$ 0.000 χ^2 /NDF: 573479812828809097845866581798682624.0/9
 All: 114.678 $\pm$ 0.000 χ^2 /NDF: 986419087335

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1139.048 +/- 0.000 χ^2/NDF : 46582594487916709604733486240874102784.0/10
 Right Out: 972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1245.495 +/- 0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 494.802+/-0.000 χ^2/NDF : 9397739923724848392374116019798540288.0/10

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

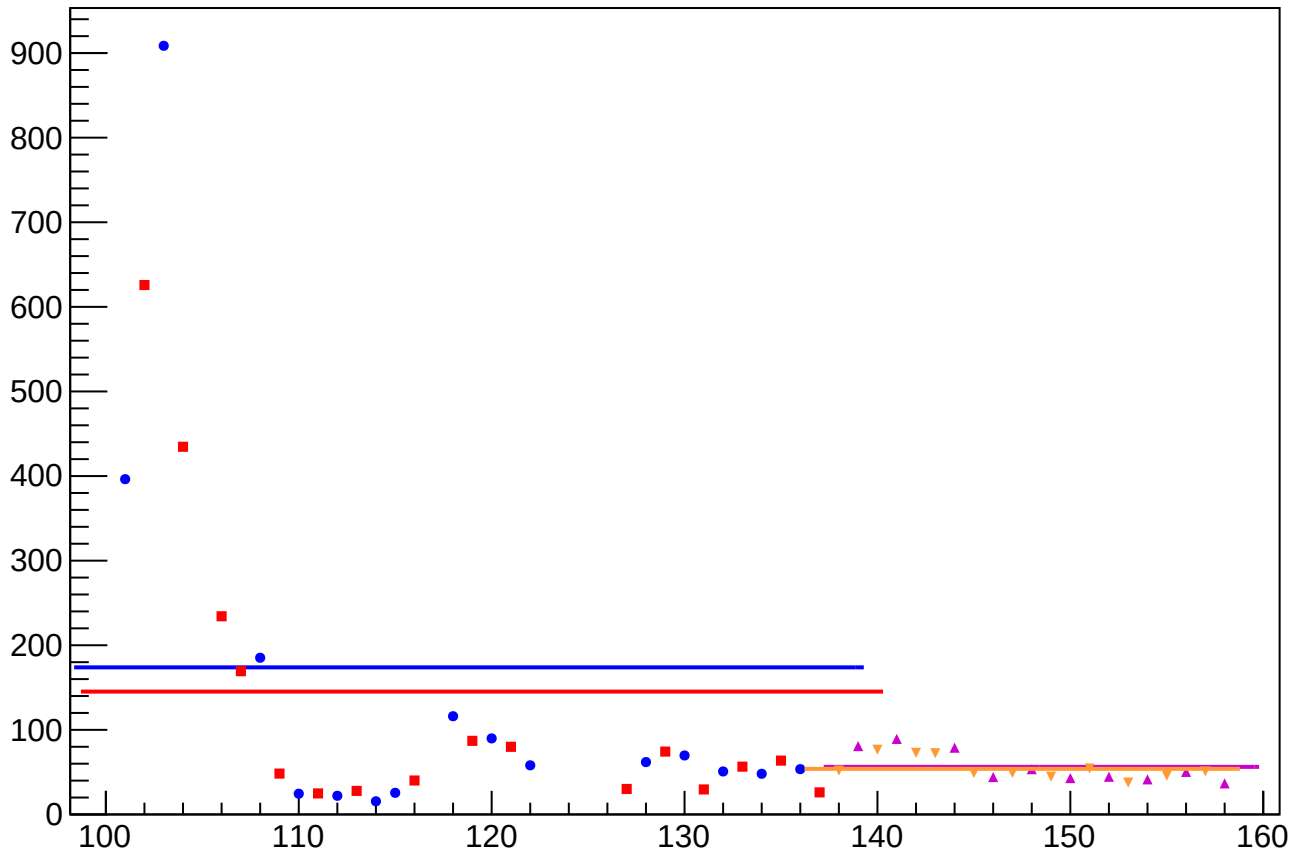
Left In: 508.721+/-0.000 χ^2/NDF : 9360944205242480036148096412573237248.0/9

+ sign 403.546+/-0.000 χ^2/NDF : 494654364636033

All: 404.218+/-0.000 χ^2/NDF : 123825151010

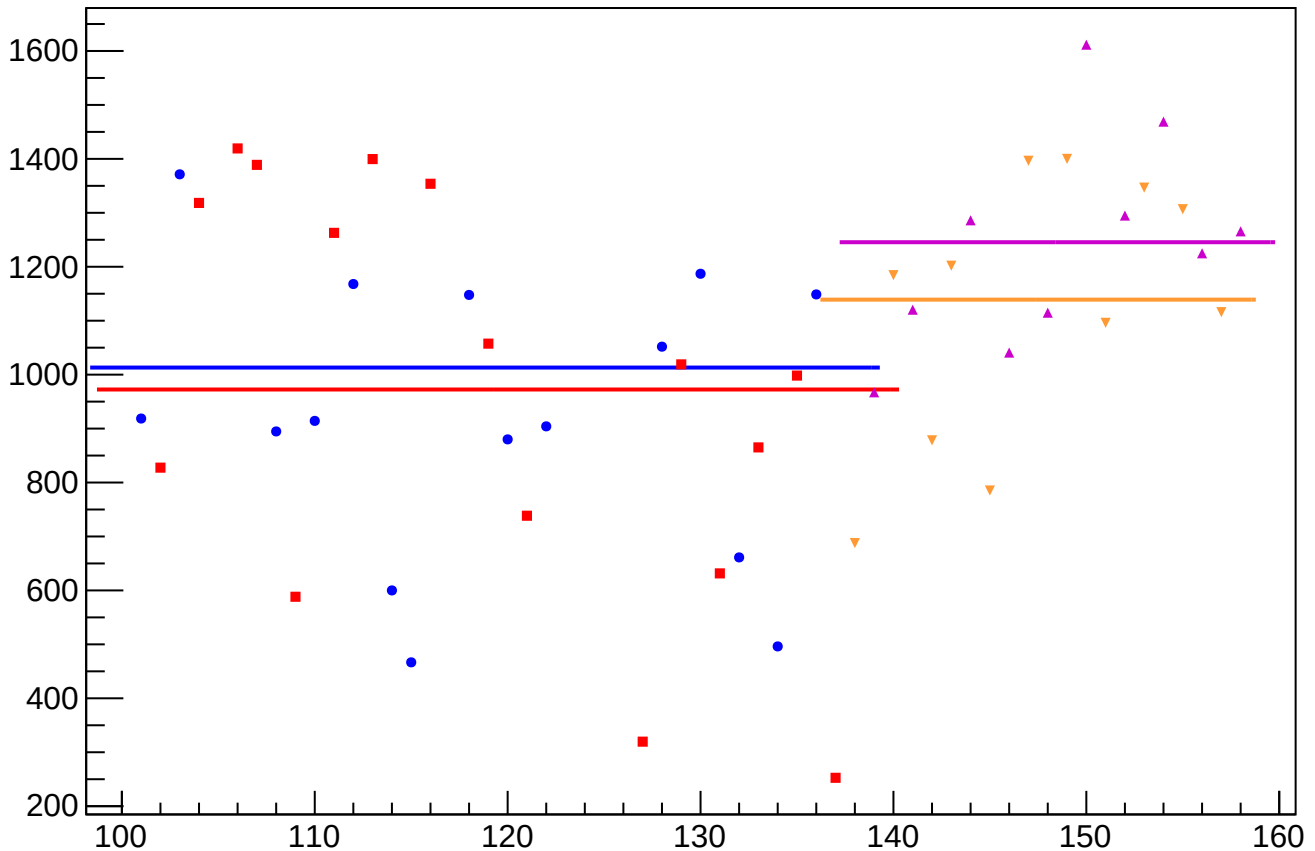
- sign 404.875+/-0.000 χ^2/NDF : 743583886245883

dit_sam7_coil6_err_mean vs Slug



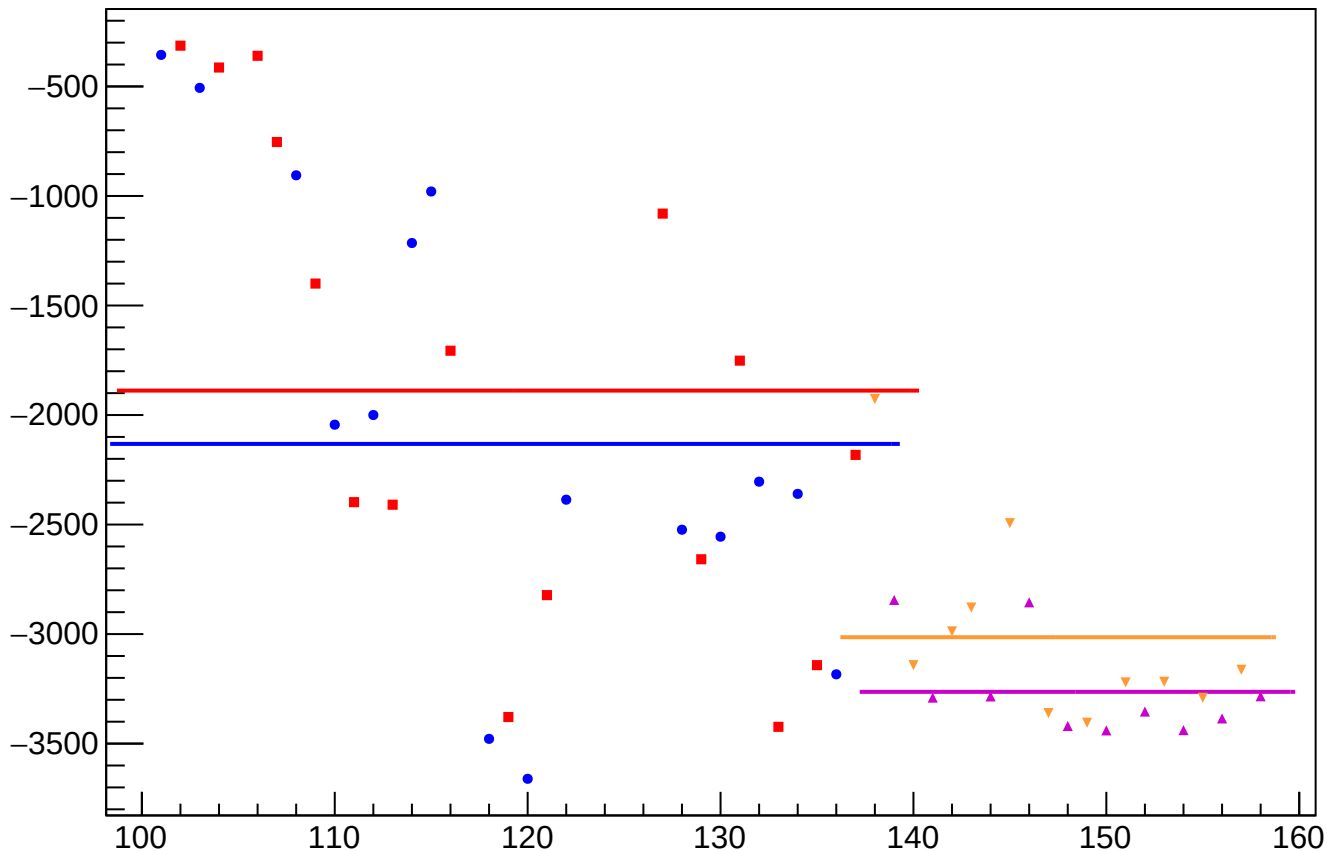
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 53.938+/-0.000 χ^2/NDF : 120701980978118657598151506865946624.0/10
 Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Left In: 56.242+/-0.000 χ^2/NDF : 280994510162254166176373742550122496.0/9

dit_sam7_coil6_Ndata_mean vs Slug



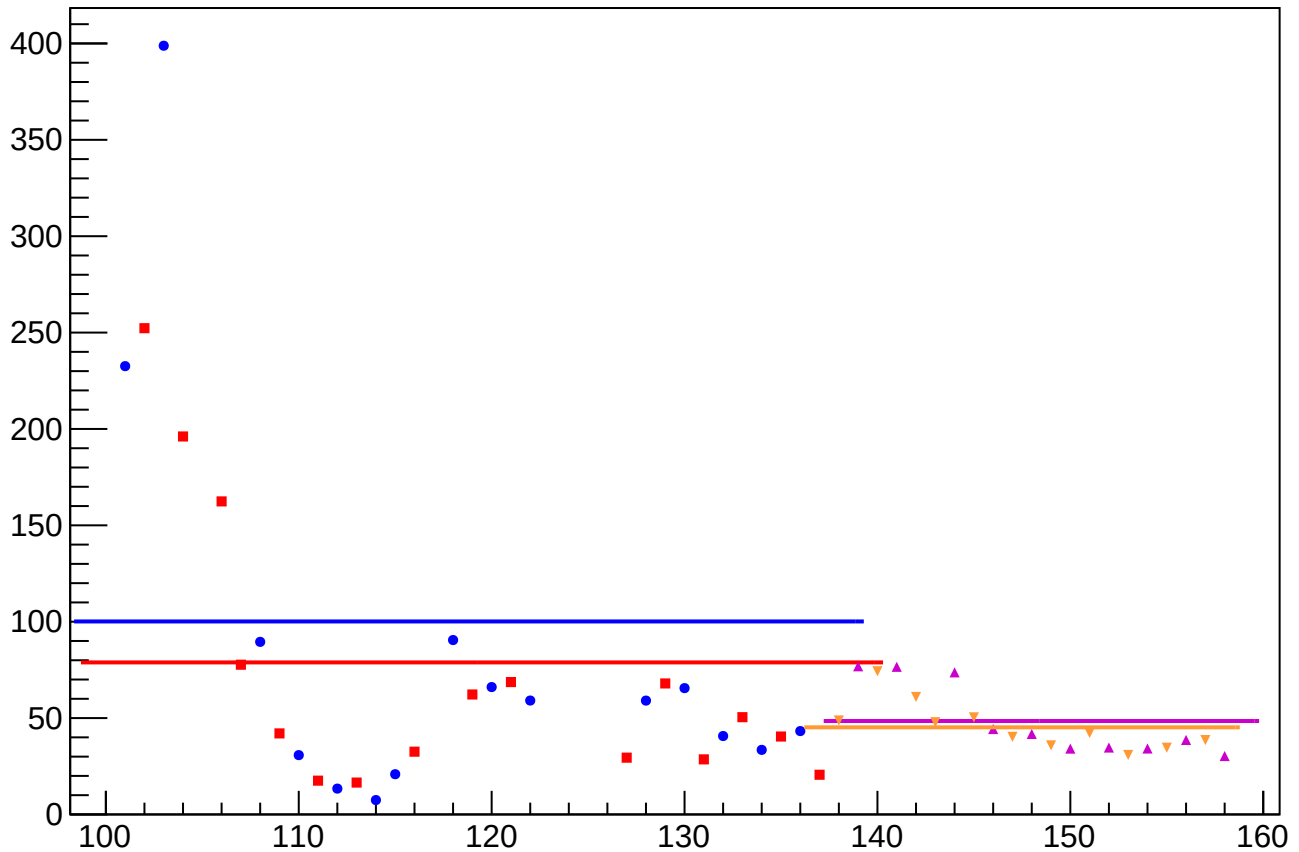
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1104.968+/-0.000	χ^2/NDF : 22171297470
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1125.448+/-0.000	χ^2/NDF : 13632884368024
Left In: 1245.495+/-0.000	χ^2/NDF : 29584355694802852002513400503568695296.0/9		

dit_sam8_coil6_mean vs Slug



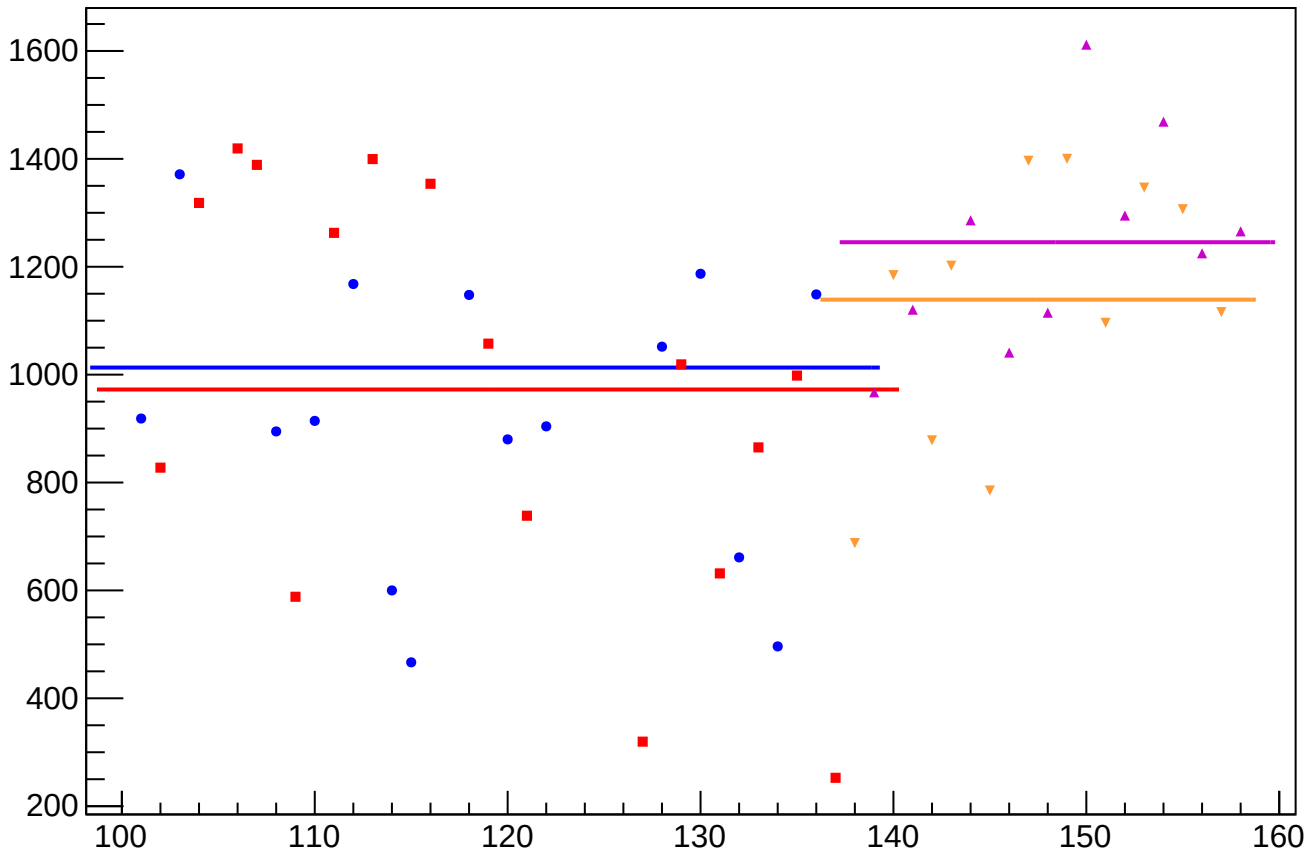
Right In: -2131.905 ± 0.000 $\chi^2/\text{NDF}: 722433384570495071131450661983670501376.0/14$
 Left Out: -3014.305 ± 0.000 $\chi^2/\text{NDF}: 153607551133503338995024256853631565824.0/10$
 Right Out: -1888.448 ± 0.000 $\chi^2/\text{NDF}: 791986665551980691032719862611769819136.0/15$
 Left In: -3263.719 ± 0.000 $\chi^2/\text{NDF}: 37711371429983935983335055696160882688.0/9$

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 45.207+/-0.000 χ^2/NDF : 124269108026478365183531113034809344.0/10
 Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: 48.482+/-0.000 χ^2/NDF : 282054475272741310855295573421981696.0/9

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1139.048+/-0.000 χ^2/NDF : 46582594487916709604733486240874102784.0/10

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

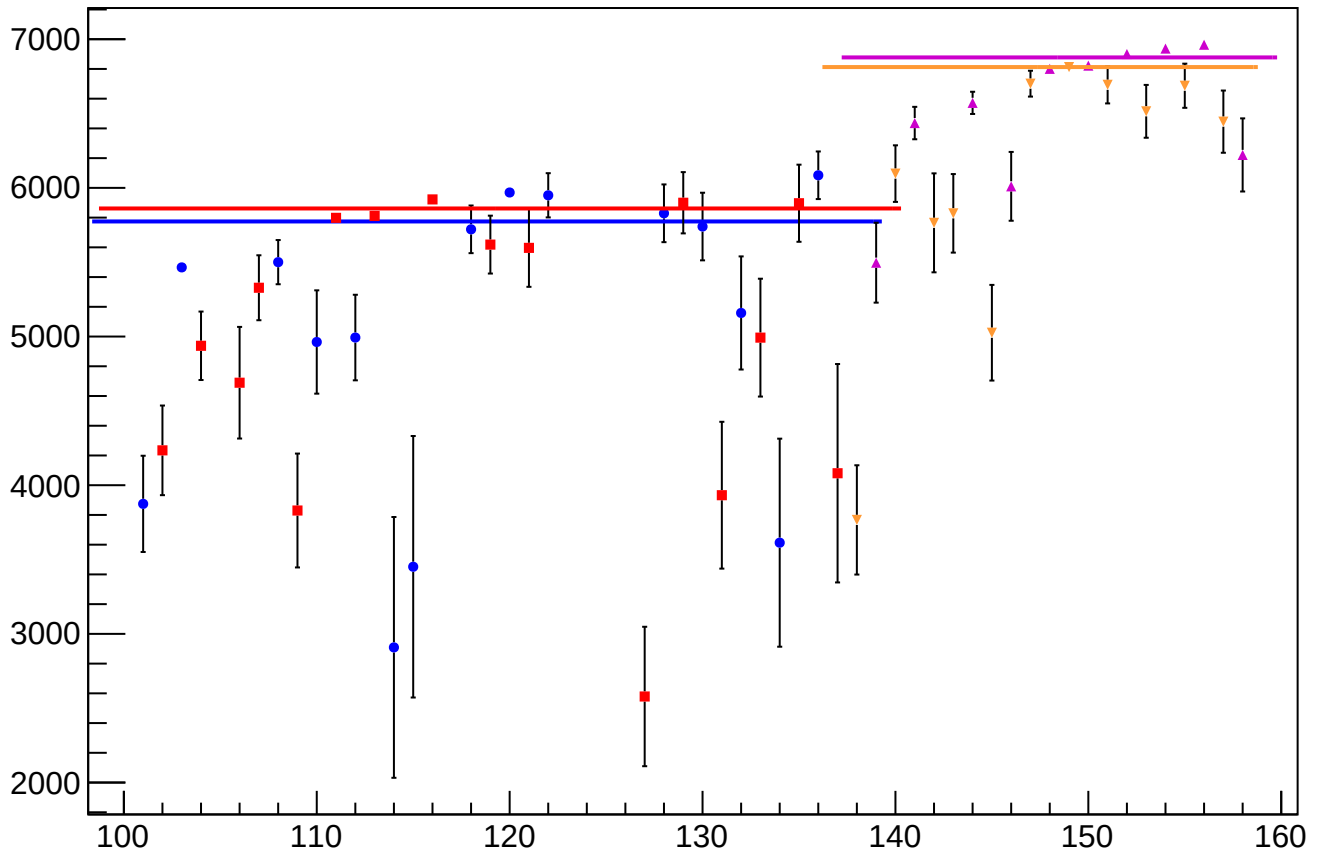
Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1104.968+/-0.000 χ^2/NDF : 22171297470

- sign 1125.448+/-0.000 χ^2/NDF : 13632884368024

dit_run_mean vs Slug



Right In: 5774.117 ± 0.181 χ^2/NDF : 1828526.5/14

Left Out: 6812.618 ± 0.311 χ^2/NDF : 146.6/10

Right Out: 5861.461 ± 0.140 χ^2/NDF : 180020.4/15

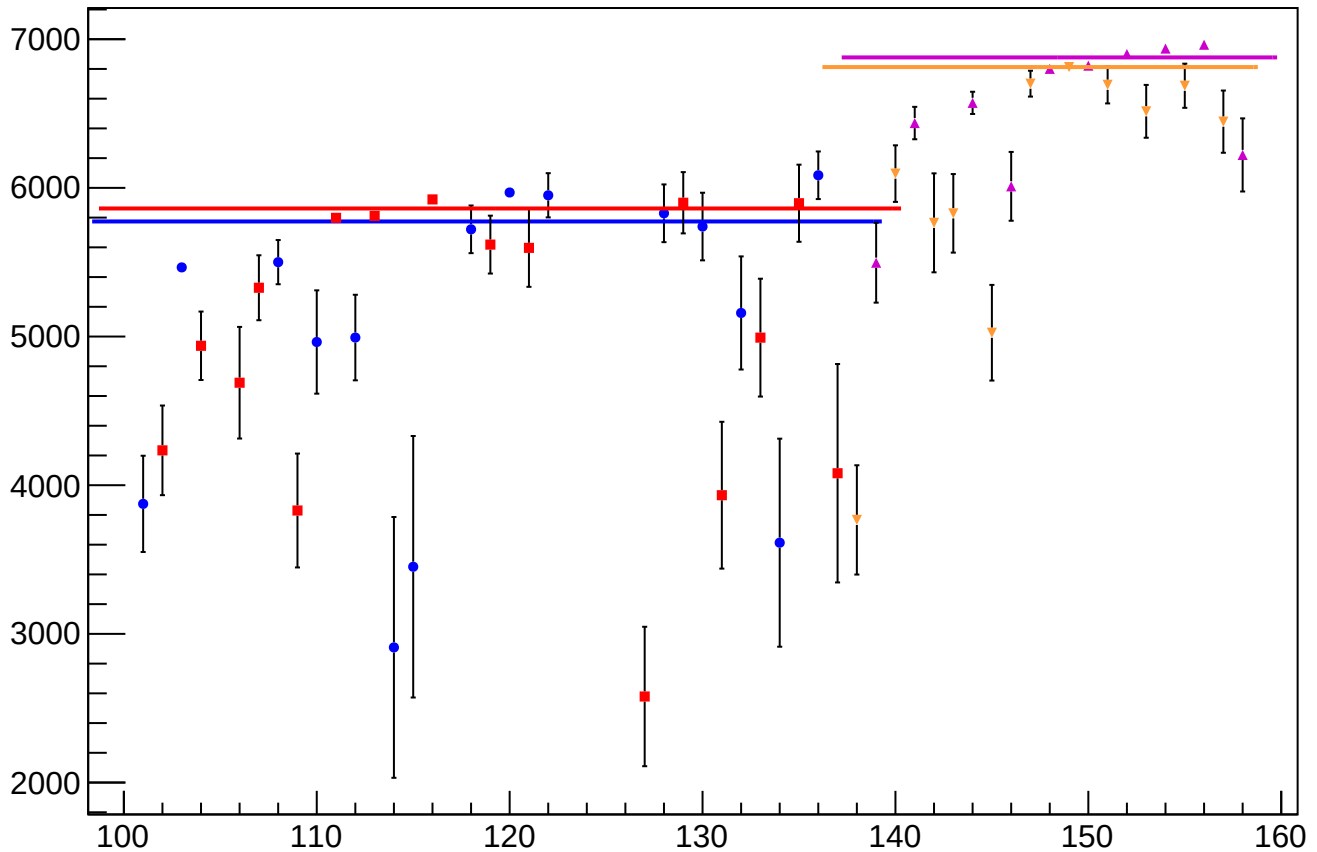
Left In: 6877.525 ± 0.173 χ^2/NDF : 152467.3/9

+ sign 6038.097 ± 0.157 χ^2/NDF : 10154692.6/25

All: 6190.101 ± 0.089 χ^2/NDF : 32823632.9/5

- sign 6263.030 ± 0.109 χ^2/NDF : 21276617.3/25

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6812.618+/-0.311 χ^2 /NDF:146.6/10

+ sign 6038.097+/-0.157 χ^2 /NDF: 10154692.6/25

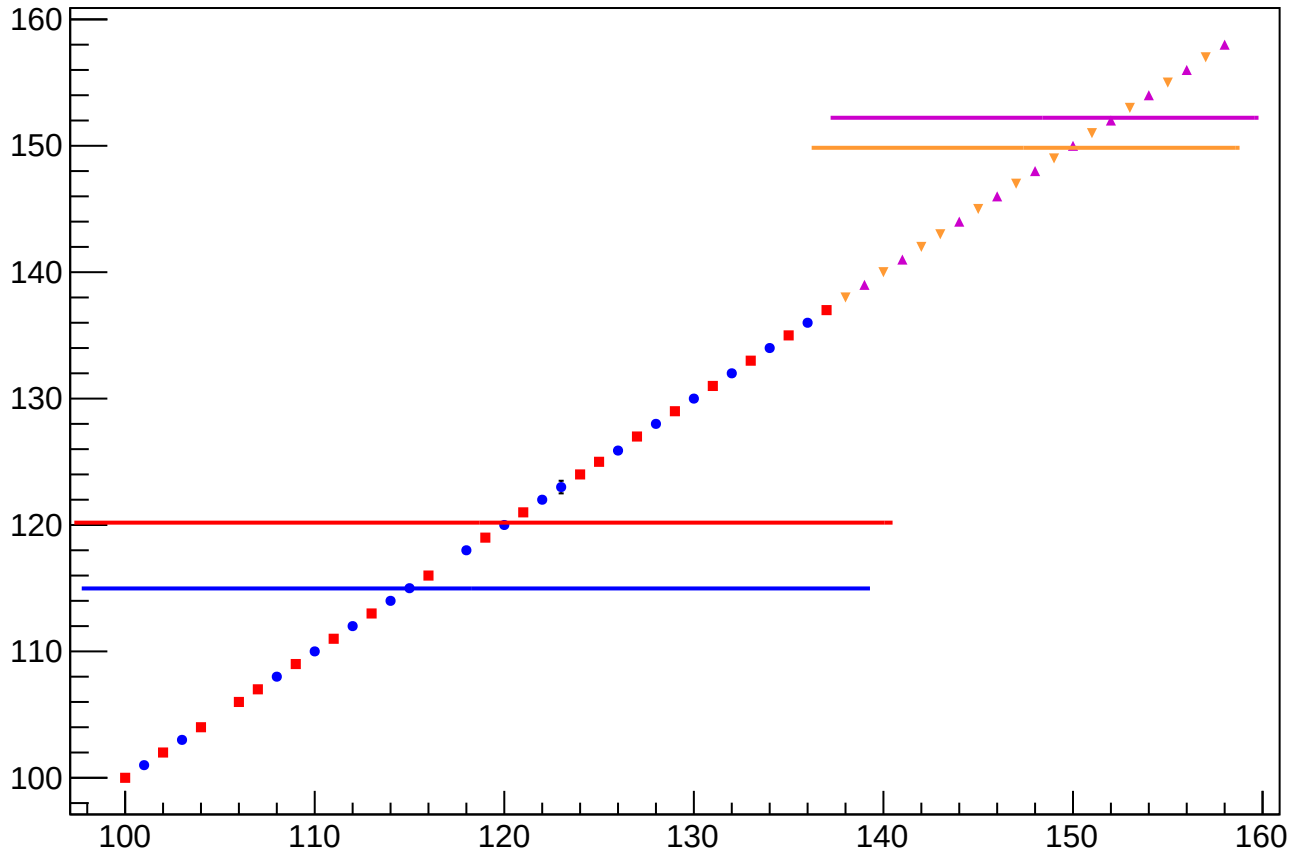
Right Out: 5861.461+/-0.140 χ^2 /NDF: 180020.4/15

All: 6190.101+/-0.089 χ^2 /NDF: 32823632.9/5

- sign 6263.030+/-0.109 χ^2 /NDF: 21276617.3/25

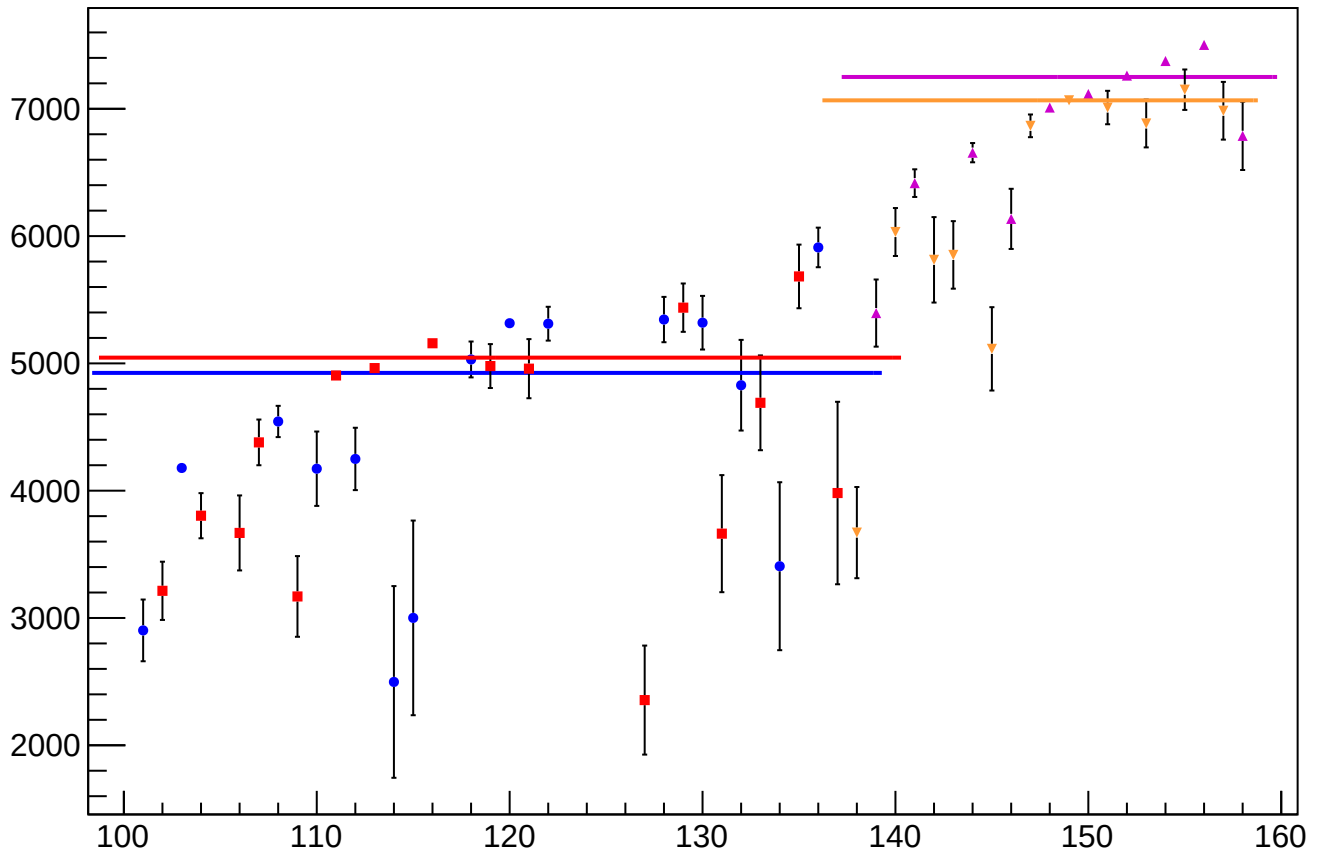
Left In: 6877.525+/-0.173 χ^2 /NDF:152467.3/9

dit_slug_slope vs Slug



Right In: 114.980 $\pm$ 0.000 χ^2 /NDF: 112344936246012934714934440230912.0/16
 Left Out: 149.841 $\pm$ 0.000 χ^2 /NDF: 19477827177483799819625103884288.0/10
 Right Out: 120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695528198041763840.0/18
 Left In: 152.217 $\pm$ 0.000 χ^2 /NDF: 13131625643598975517651864911872.0/9

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.433+/-1.477 χ^2/NDF :197.1/10

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

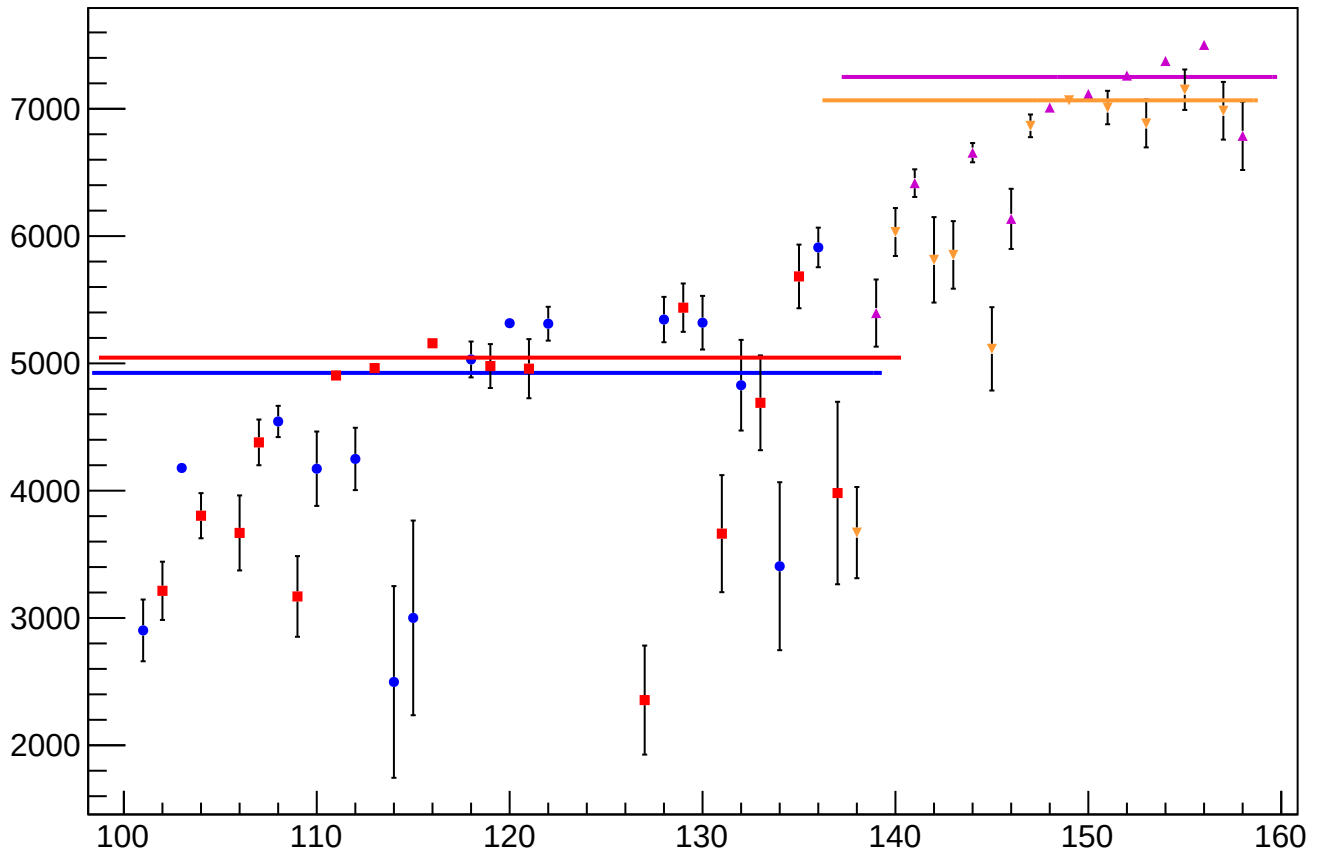
Left In: 7250.103+/-0.766 χ^2/NDF :51706.1/9

+ sign 5541.040+/-0.792 χ^2/NDF : 1827371.5/25

All: 5866.733+/-0.425 χ^2/NDF : 6857163.5/53

- sign 5998.126+/-0.503 χ^2/NDF : 4792647.0/25

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.433+/-1.477 χ^2/NDF :197.1/10

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

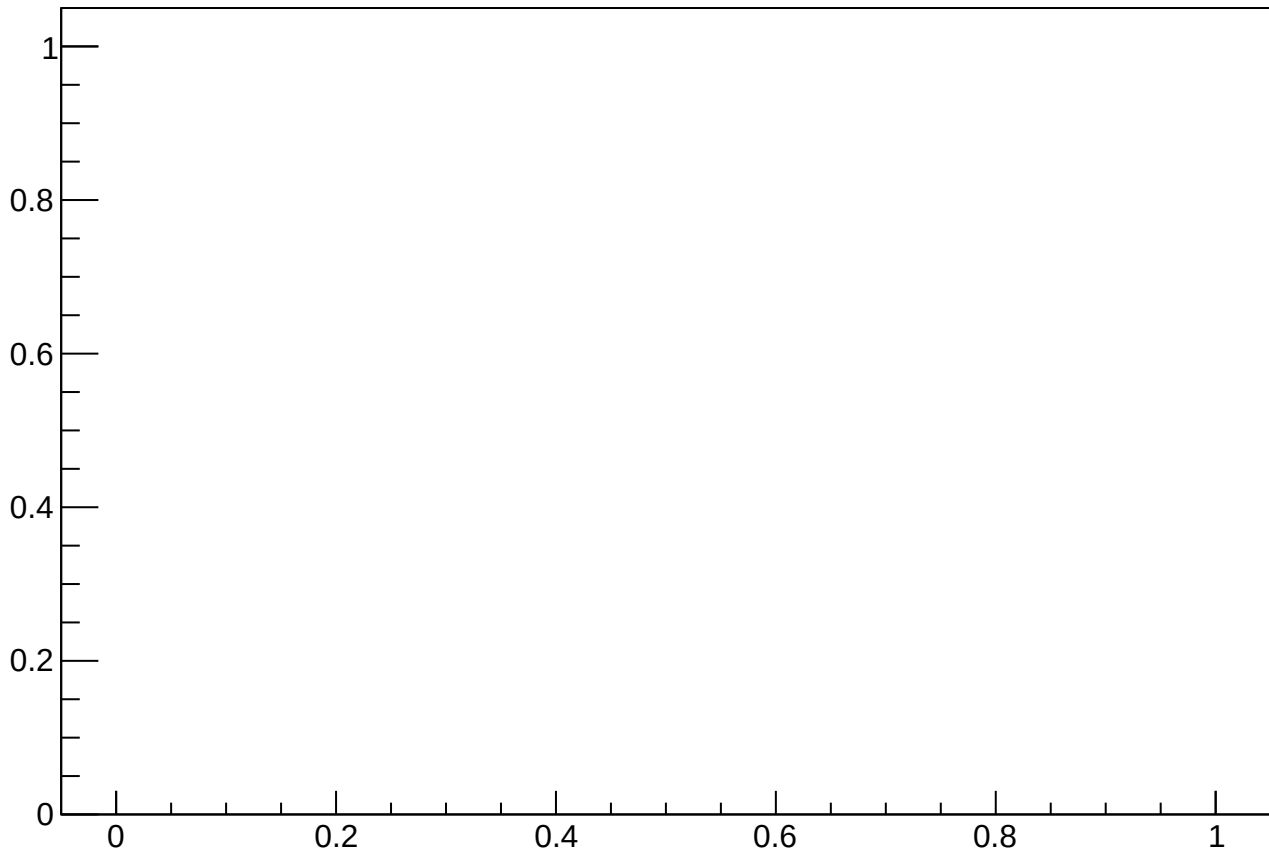
Left In: 7250.103+/-0.766 χ^2/NDF :51706.1/9

+ sign 5541.040+/-0.792 χ^2/NDF : 1827371.5/25

All: 5866.733+/-0.425 χ^2/NDF : 6857163.5/53

- sign 5998.126+/-0.503 χ^2/NDF : 4792647.0/25

dit_scandata1_mean vs Slug



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

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

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

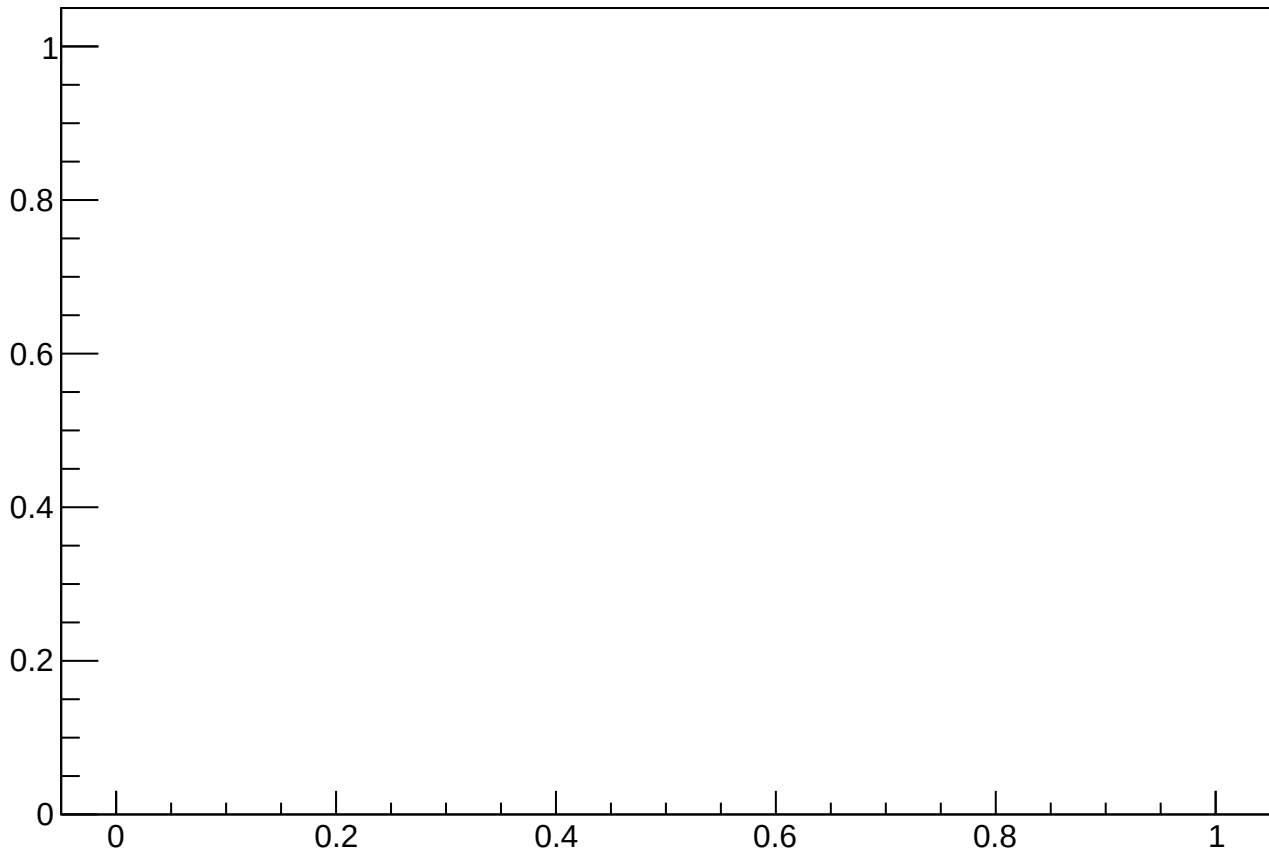
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata1_rms vs Slug



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

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

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

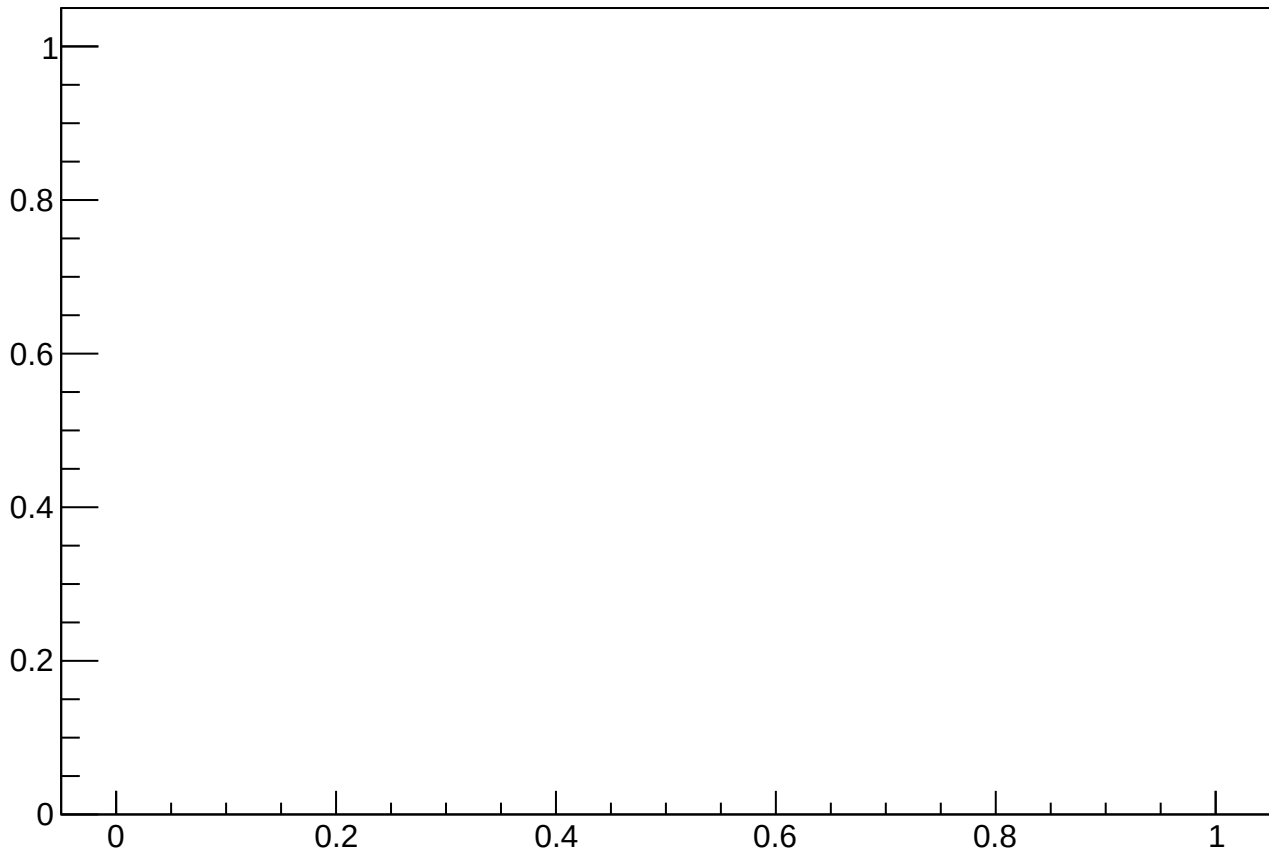
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



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

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

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

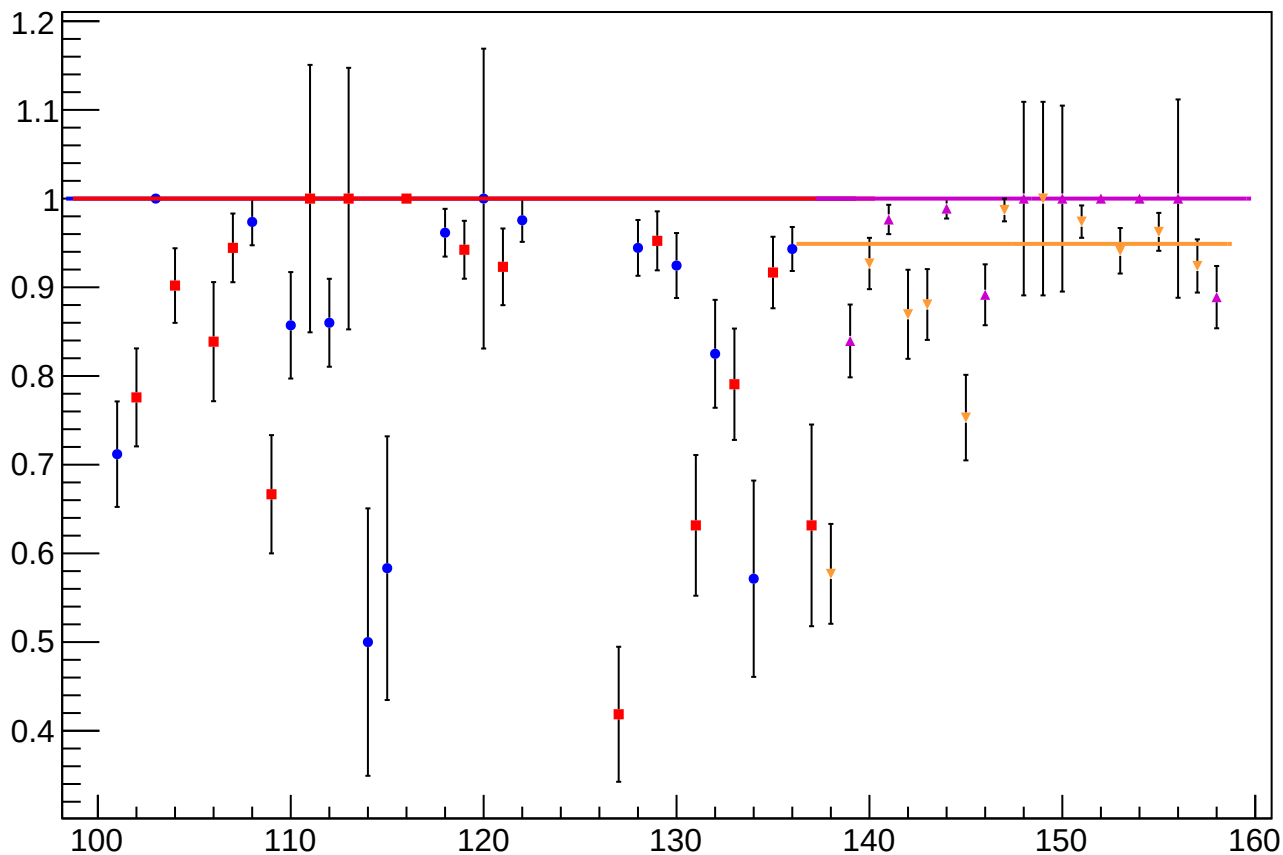
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.949 $\pm$ 0.008 χ^2 /NDF: 78.4/10

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

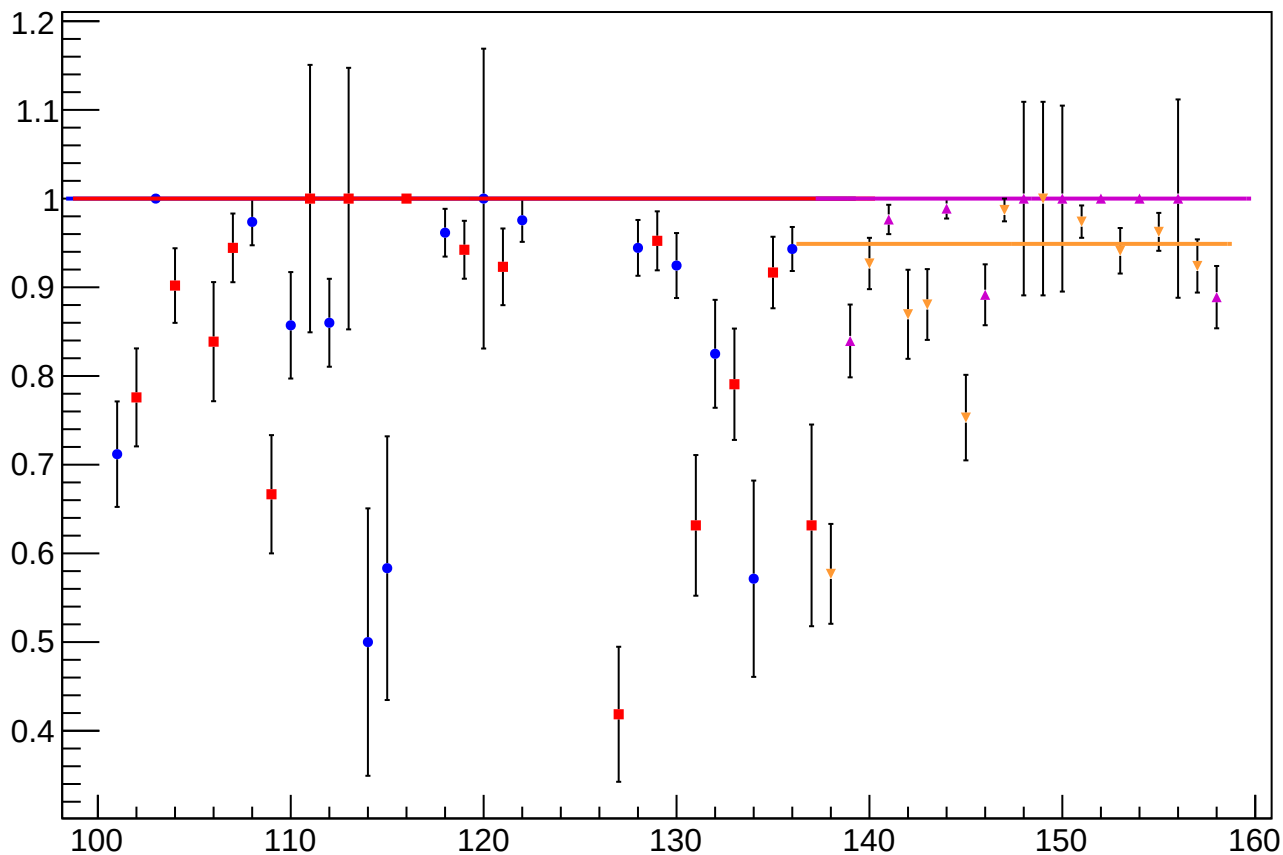
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 382.3/9

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 218.4/25

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 769.6/51

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 551.2/25

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.949 ± 0.008 χ^2/NDF : 78.4/10

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

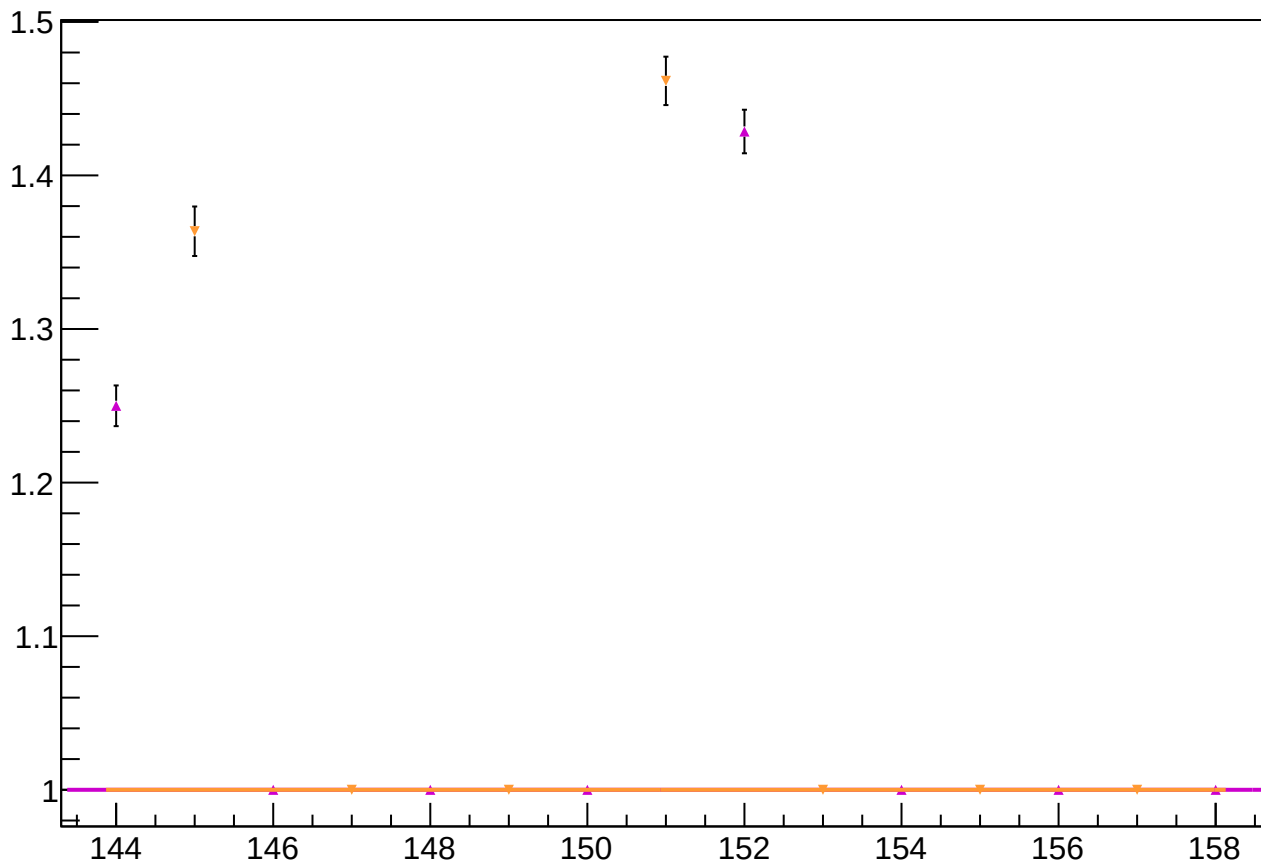
Left In: 1.000 ± 0.000 χ^2/NDF : 382.3/9

+ sign 1.000 ± 0.000 χ^2/NDF : 218.4/25

All: 1.000 ± 0.000 χ^2/NDF : 769.6/51

- sign 1.000 ± 0.000 χ^2/NDF : 551.2/25

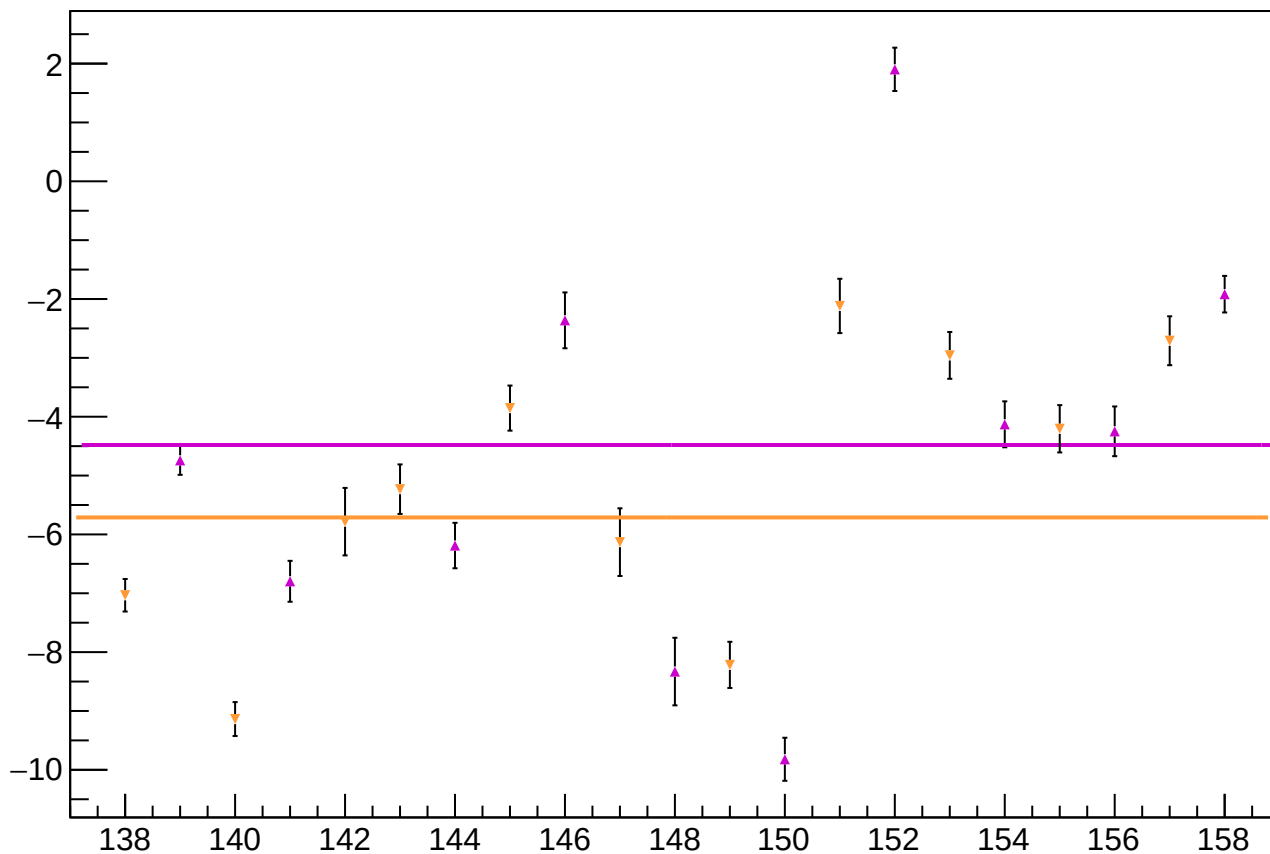
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 1.000+/-0.000 χ^2 /NDF:2468.0/6
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 1.000+/-0.000 χ^2 /NDF:1775.5/7

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: 1.000+/-0.000 χ^2 /NDF: 12096.6/14
- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -5.711+/-0.117 χ^2/NDF : 405.2/10

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

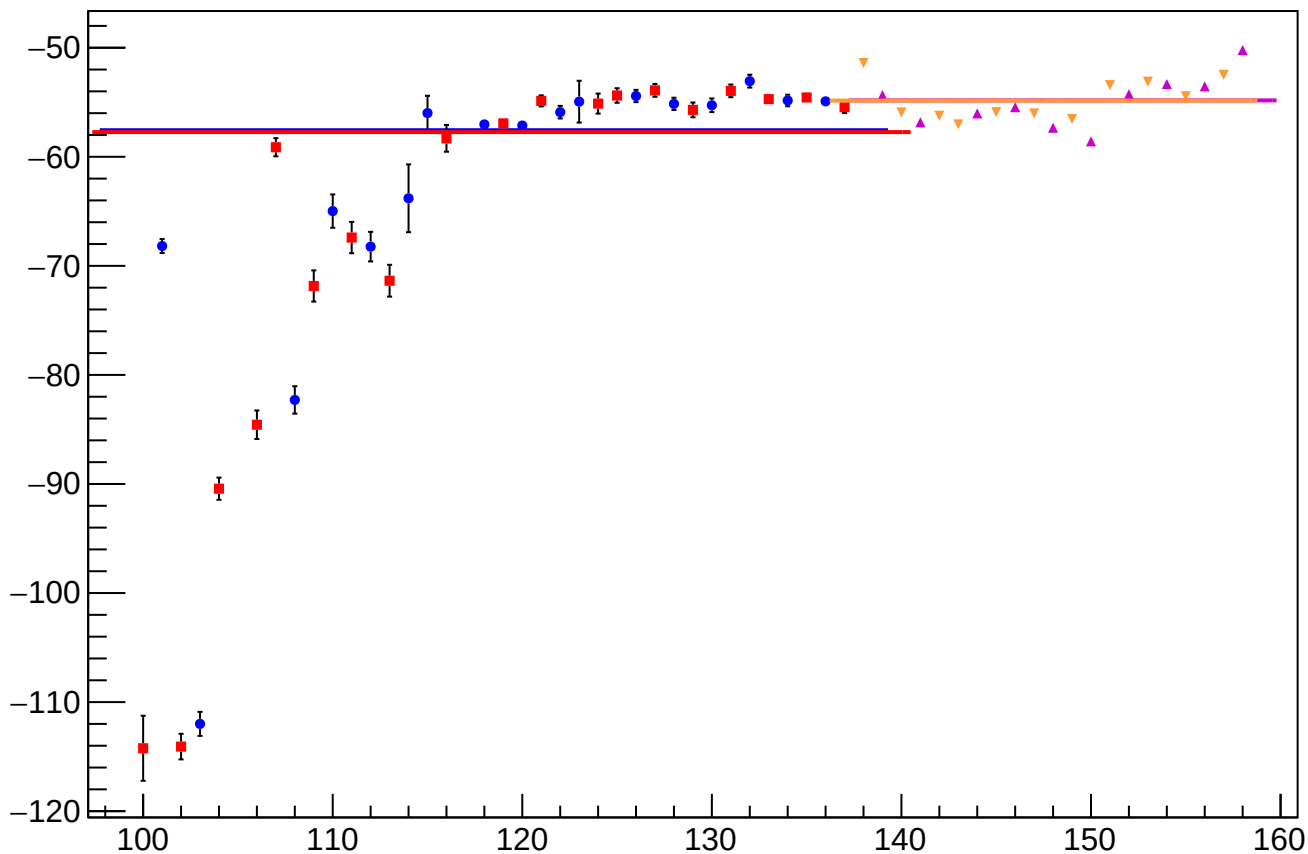
Left In: -4.481+/-0.114 χ^2/NDF : 712.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.083+/-0.082 χ^2/NDF : 1174.2/20

- 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: -54.848 ± 0.086 χ^2/NDF : 408.2/10

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

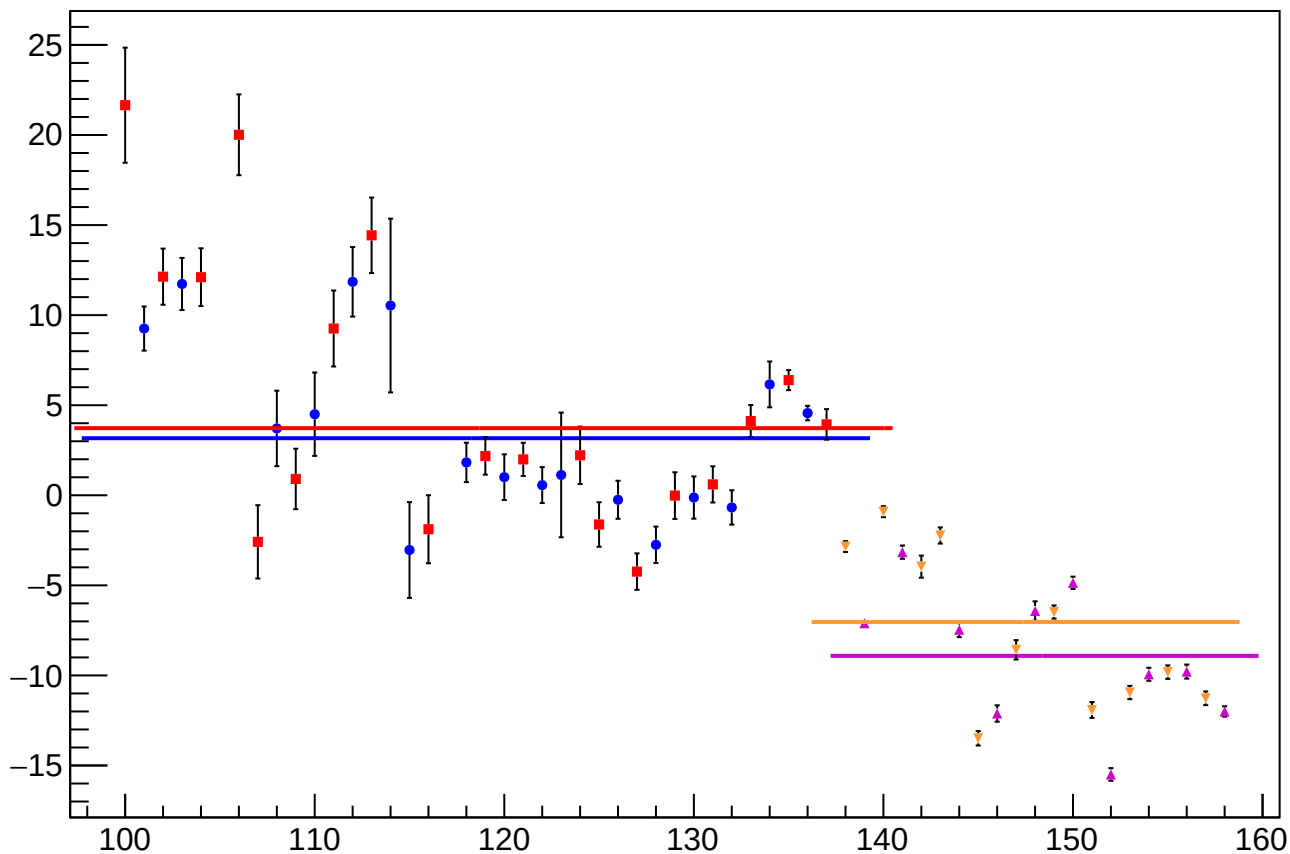
Left In: -54.828 ± 0.087 χ^2/NDF : 905.6/9

+ sign -55.586 ± 0.074 χ^2/NDF : 4132.4/27

All: -55.598 ± 0.052 χ^2/NDF : 10038.7/56

- sign -55.610 ± 0.074 χ^2/NDF : 5906.3/28

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.032 ± 0.117 χ^2/NDF : 1410.5/10

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

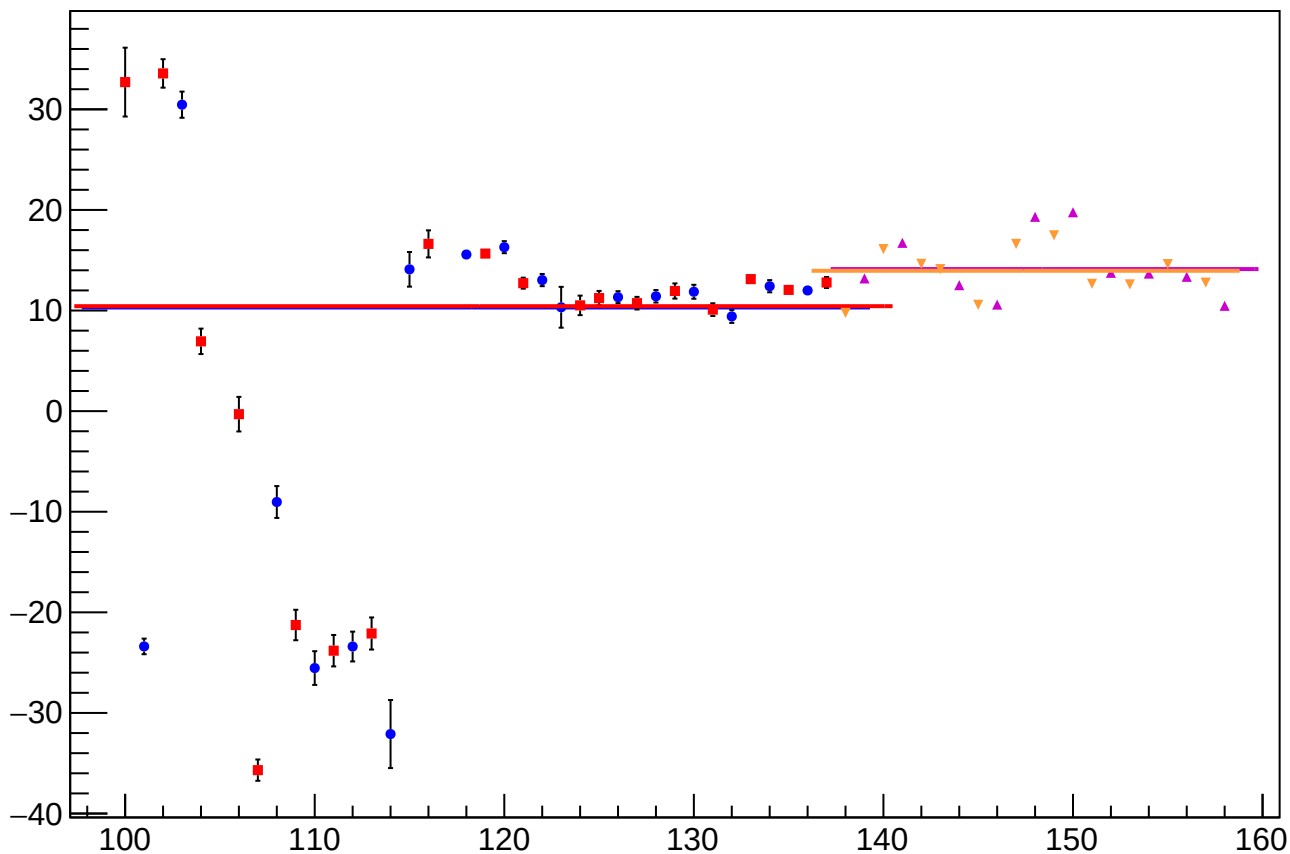
Left In: -8.913 ± 0.113 χ^2/NDF : 990.0/9

+ sign -5.284 ± 0.107 χ^2/NDF : 2894.5/27

All: -6.161 ± 0.074 χ^2/NDF : 6239.4/56

- sign -6.996 ± 0.104 χ^2/NDF : 3212.8/28

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF : 3712.3/16

Left Out: 13.952+/-0.103 χ^2/NDF : 515.2/10

Right Out: 10.433+/-0.160 χ^2/NDF : 3828.5/18

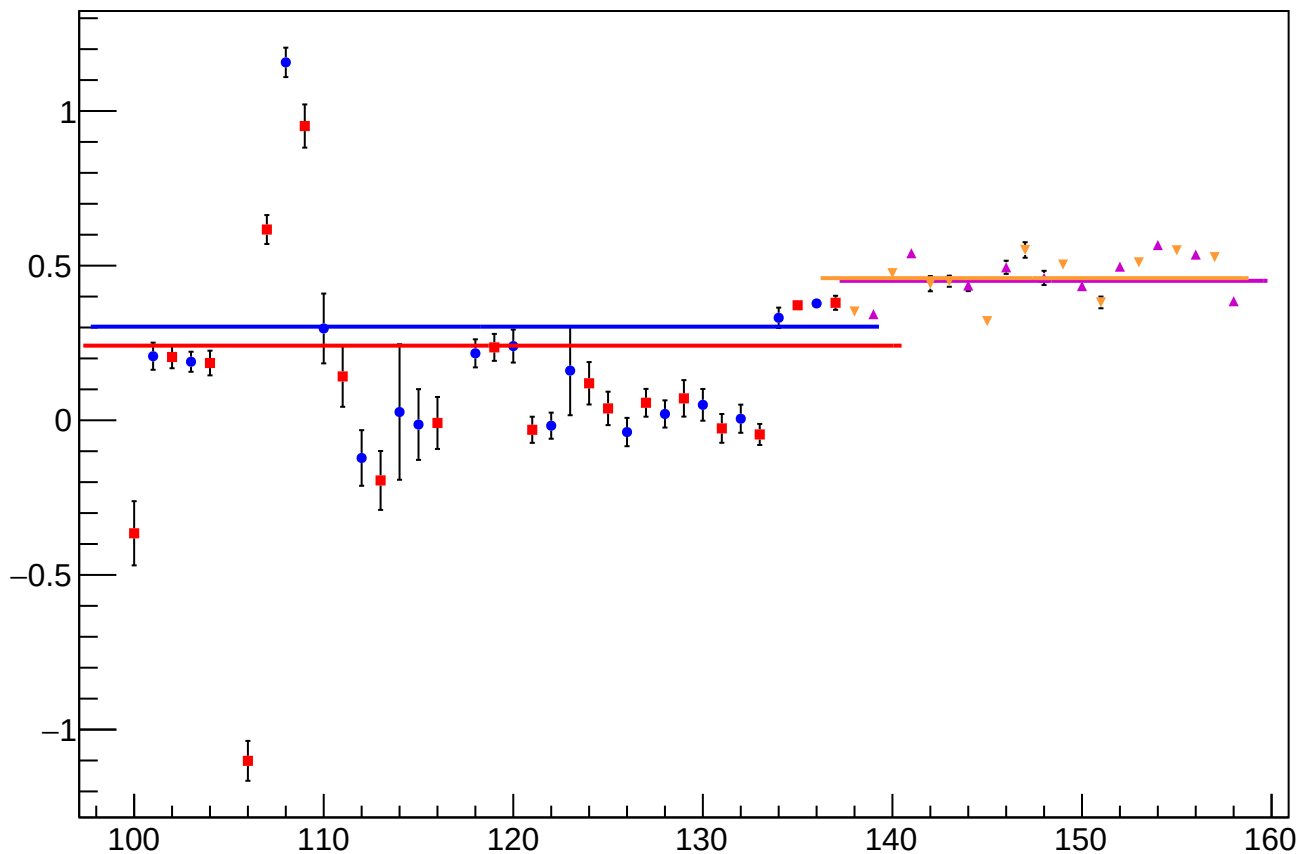
Left In: 14.121+/-0.100 χ^2/NDF : 1017.0/9

+ sign 12.856+/-0.086 χ^2/NDF : 4605.9/27

All: 12.970+/-0.060 χ^2/NDF : 9837.0/56

- sign 13.081+/-0.085 χ^2/NDF : 5227.6/28

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.460 $\pm$ 0.005 χ^2 /NDF: 296.0/10

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

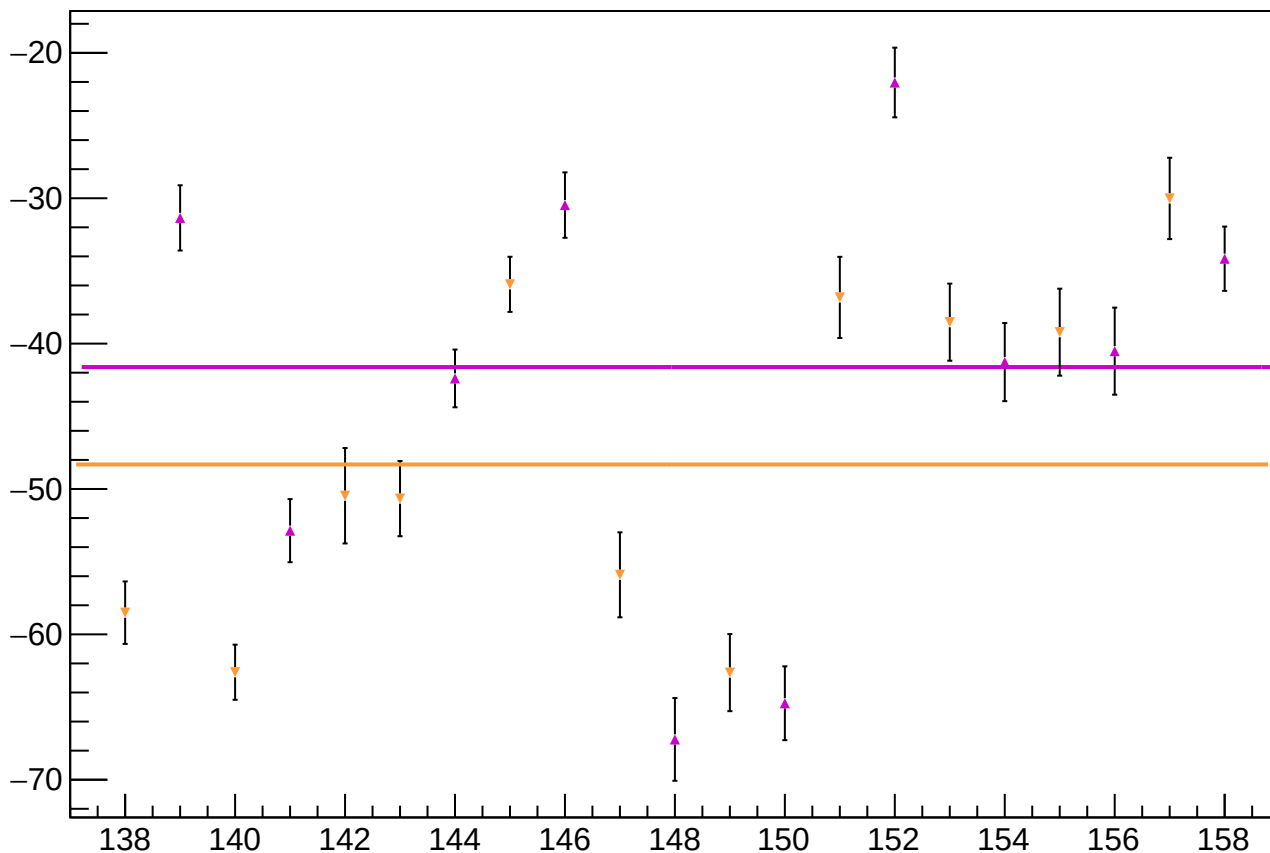
Left In: 0.451 $\pm$ 0.004 χ^2 /NDF: 351.2/9

+ sign 0.422 $\pm$ 0.004 χ^2 /NDF: 1222.2/27

All: 0.415 $\pm$ 0.003 χ^2 /NDF: 3052.2/56

- sign 0.408 $\pm$ 0.004 χ^2 /NDF: 1823.6/28

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -48.311+/-0.749 χ^2/NDF : 241.9/10

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

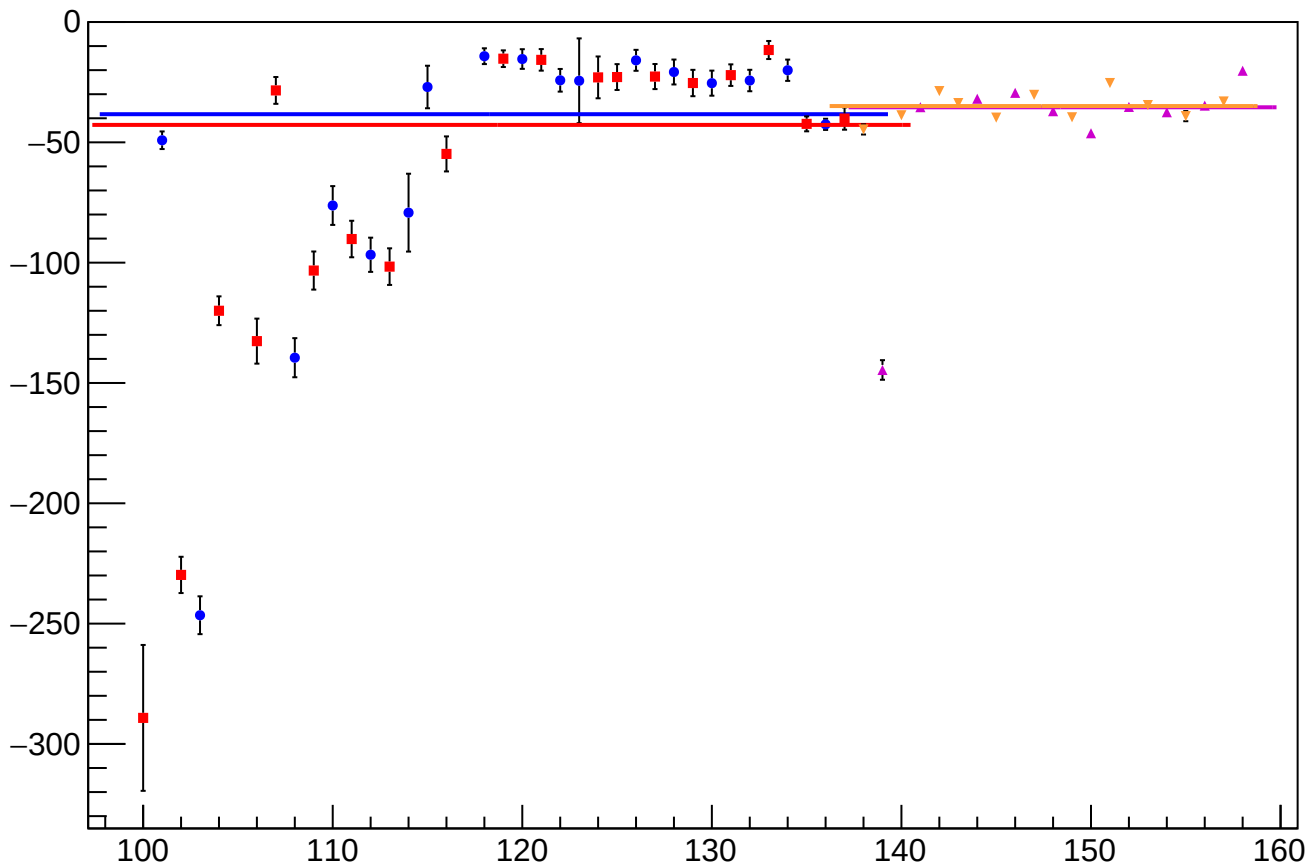
Left In: -41.612+/-0.752 χ^2/NDF : 314.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.976+/-0.530 χ^2/NDF : 596.4/20

- 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: -34.922 ± 0.524 $\chi^2/\text{NDF}: 104.3/10$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

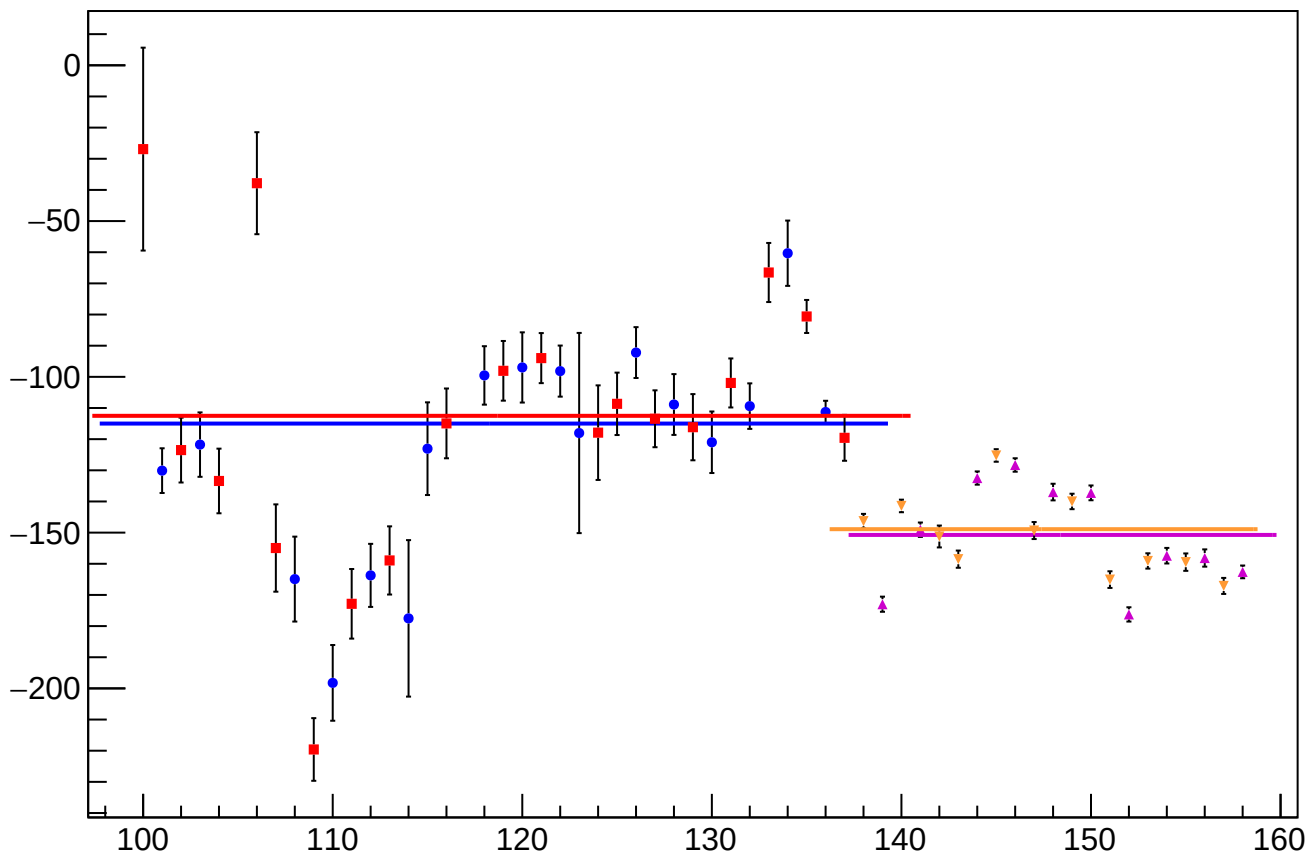
Left In: -35.436 ± 0.524 $\chi^2/\text{NDF}: 886.6/9$

+ sign -35.516 ± 0.476 $\chi^2/\text{NDF}: 1244.3/27$

All: -36.049 ± 0.338 $\chi^2/\text{NDF}: 3505.7/56$

- sign -36.593 ± 0.481 $\chi^2/\text{NDF}: 2259.0/28$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -148.895 ± 0.752 $\chi^2/\text{NDF}: 296.2/10$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

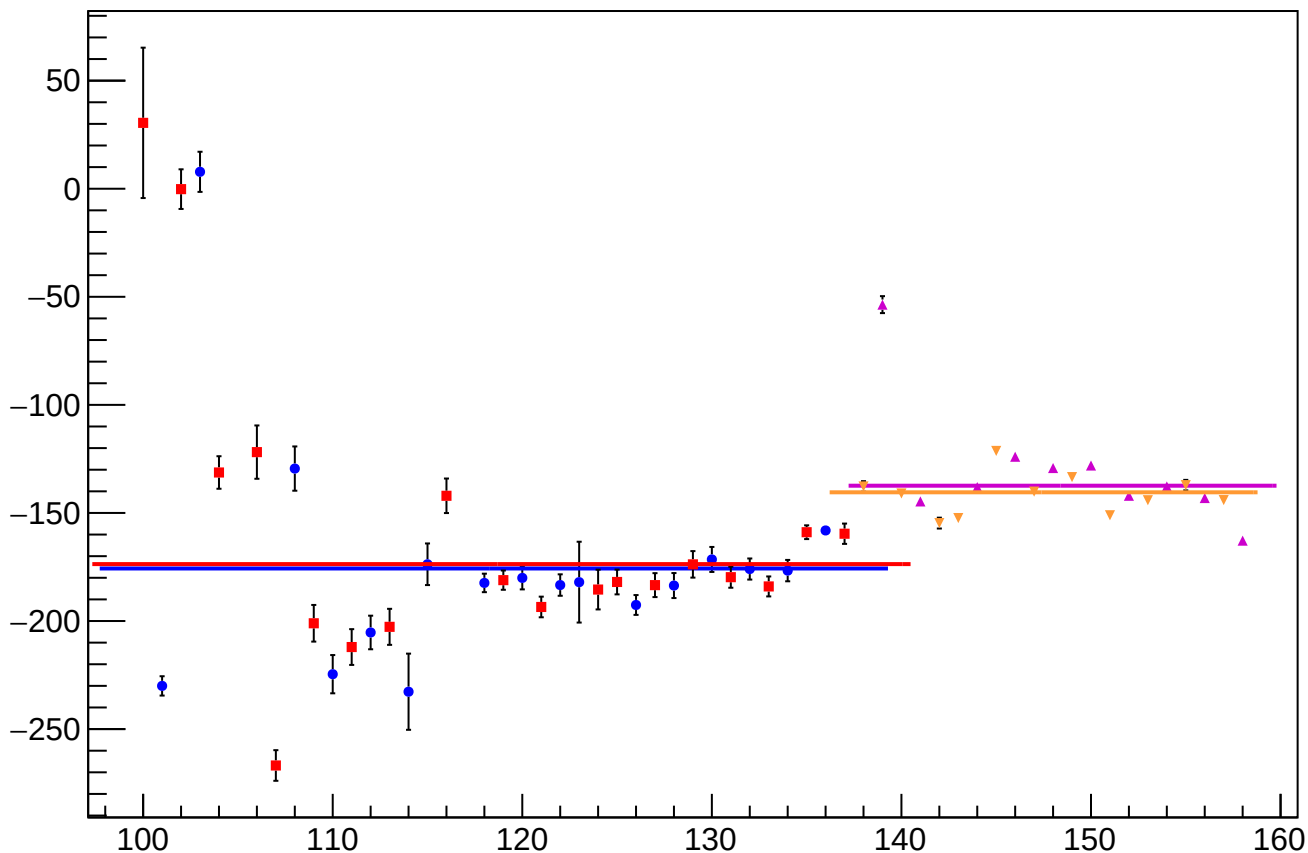
Left In: -150.739 ± 0.739 $\chi^2/\text{NDF}: 497.1/9$

+ sign -144.952 ± 0.707 $\chi^2/\text{NDF}: 674.5/27$

All: -145.927 ± 0.498 $\chi^2/\text{NDF}: 1718.4/56$

- sign -146.885 ± 0.701 $\chi^2/\text{NDF}: 1040.1/28$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 $\chi^2/\text{NDF}: 692.9/16$

Left Out: -140.453 ± 0.634 $\chi^2/\text{NDF}: 226.7/10$

Right Out: -173.666 ± 1.356 $\chi^2/\text{NDF}: 737.7/18$

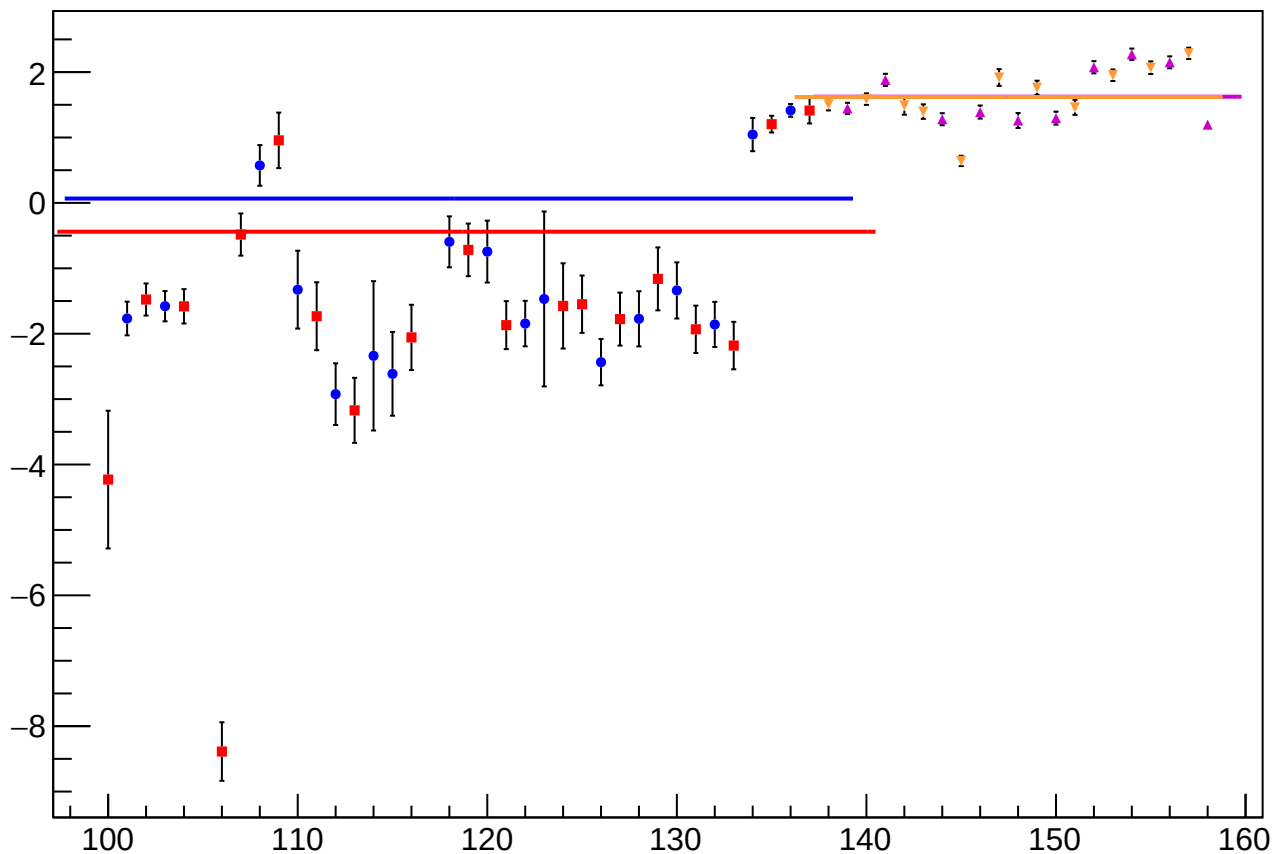
Left In: -137.397 ± 0.623 $\chi^2/\text{NDF}: 833.7/9$

+ sign -147.512 ± 0.567 $\chi^2/\text{NDF}: 1537.8/27$

All: -145.614 ± 0.401 $\chi^2/\text{NDF}: 3722.4/56$

- sign -143.723 ± 0.566 $\chi^2/\text{NDF}: 2162.2/28$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.619 ± 0.030 χ^2/NDF : 263.0/10

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

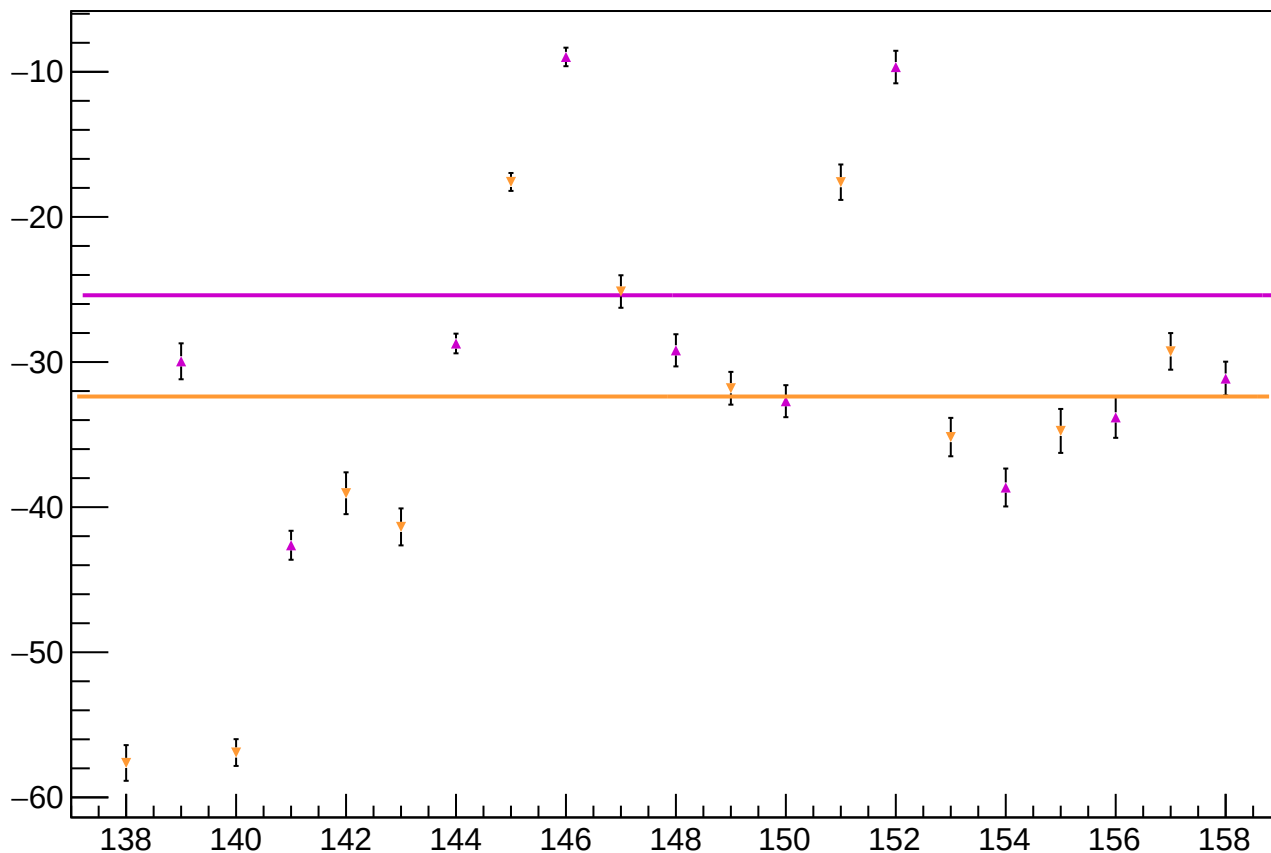
Left In: 1.624 ± 0.029 χ^2/NDF : 197.4/9

+ sign 1.363 ± 0.027 χ^2/NDF : 1237.5/27

All: 1.347 ± 0.019 χ^2/NDF : 2913.7/56

- sign 1.331 ± 0.027 χ^2/NDF : 1675.5/28

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.375+/-0.325 χ^2/NDF :1975.5/10

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

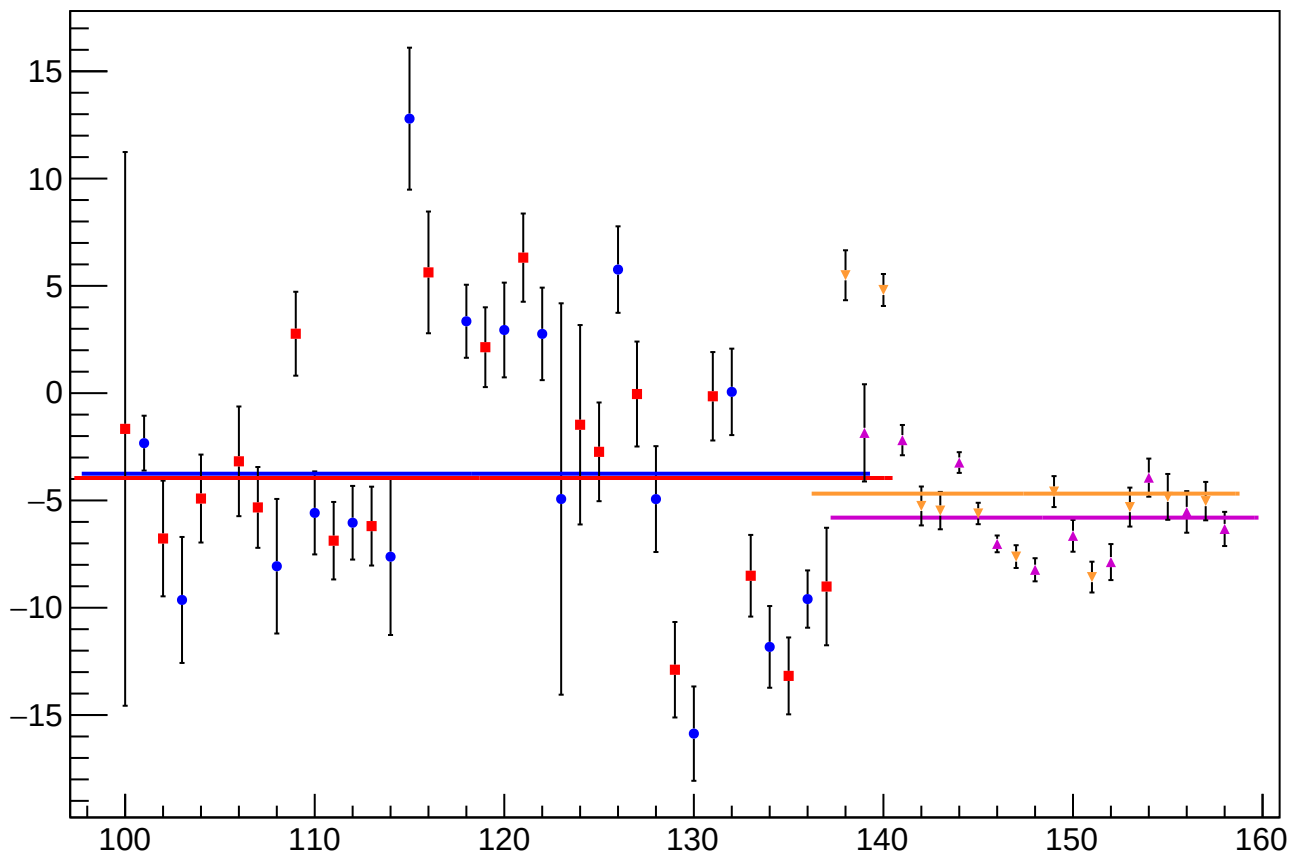
Left In: -25.398+/-0.308 χ^2/NDF :1411.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.696+/-0.224 χ^2/NDF : 3630.0/20

- 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: -4.682 ± 0.224 $\chi^2/\text{NDF}: 303.9/10$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

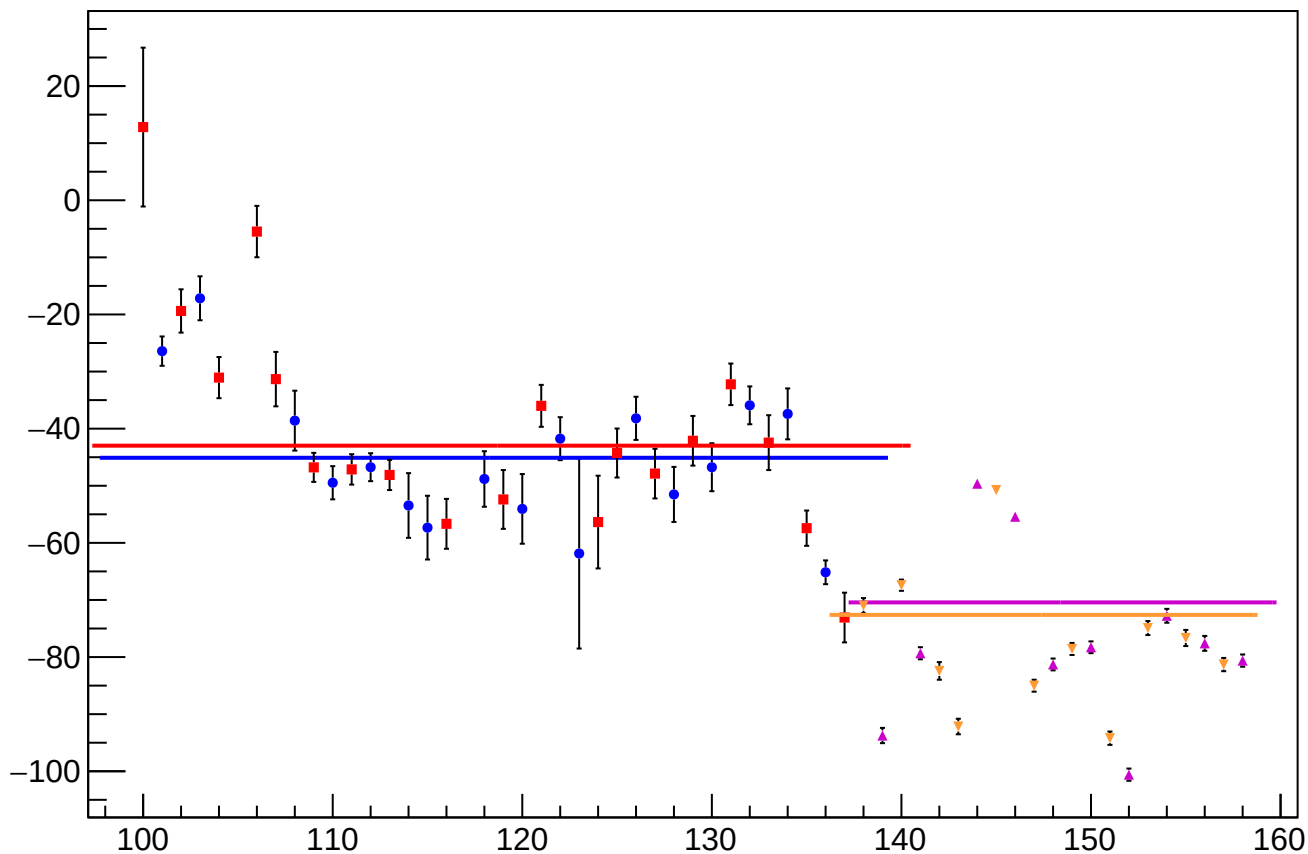
Left In: -5.801 ± 0.206 $\chi^2/\text{NDF}: 100.0/9$

+ sign -4.524 ± 0.204 $\chi^2/\text{NDF}: 472.1/27$

All: -5.068 ± 0.139 $\chi^2/\text{NDF}: 720.0/56$

- sign -5.540 ± 0.191 $\chi^2/\text{NDF}: 234.7/28$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -72.614 ± 0.327 χ^2/NDF : 1970.8/10

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

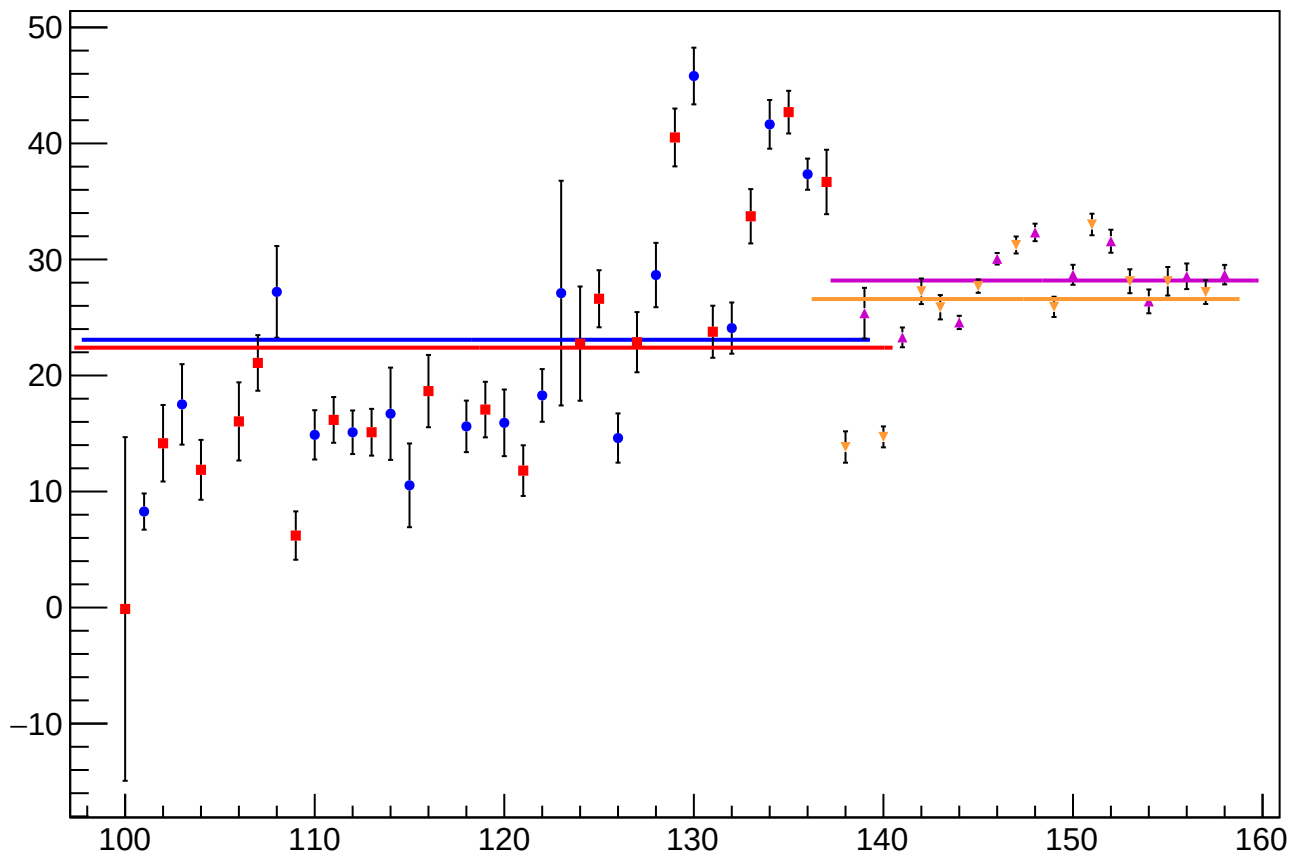
Left In: -70.428 ± 0.303 χ^2/NDF : 2873.0/9

+ sign -69.277 ± 0.307 χ^2/NDF : 3058.0/27

All: -68.327 ± 0.209 χ^2/NDF : 7072.1/56

- sign -67.496 ± 0.287 χ^2/NDF : 3996.2/28

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2 /NDF: 461.1/16

Left Out: 26.589+/-0.273 χ^2 /NDF:359.9/10

Right Out: 22.397+/-0.572 χ^2 /NDF: 370.3/18

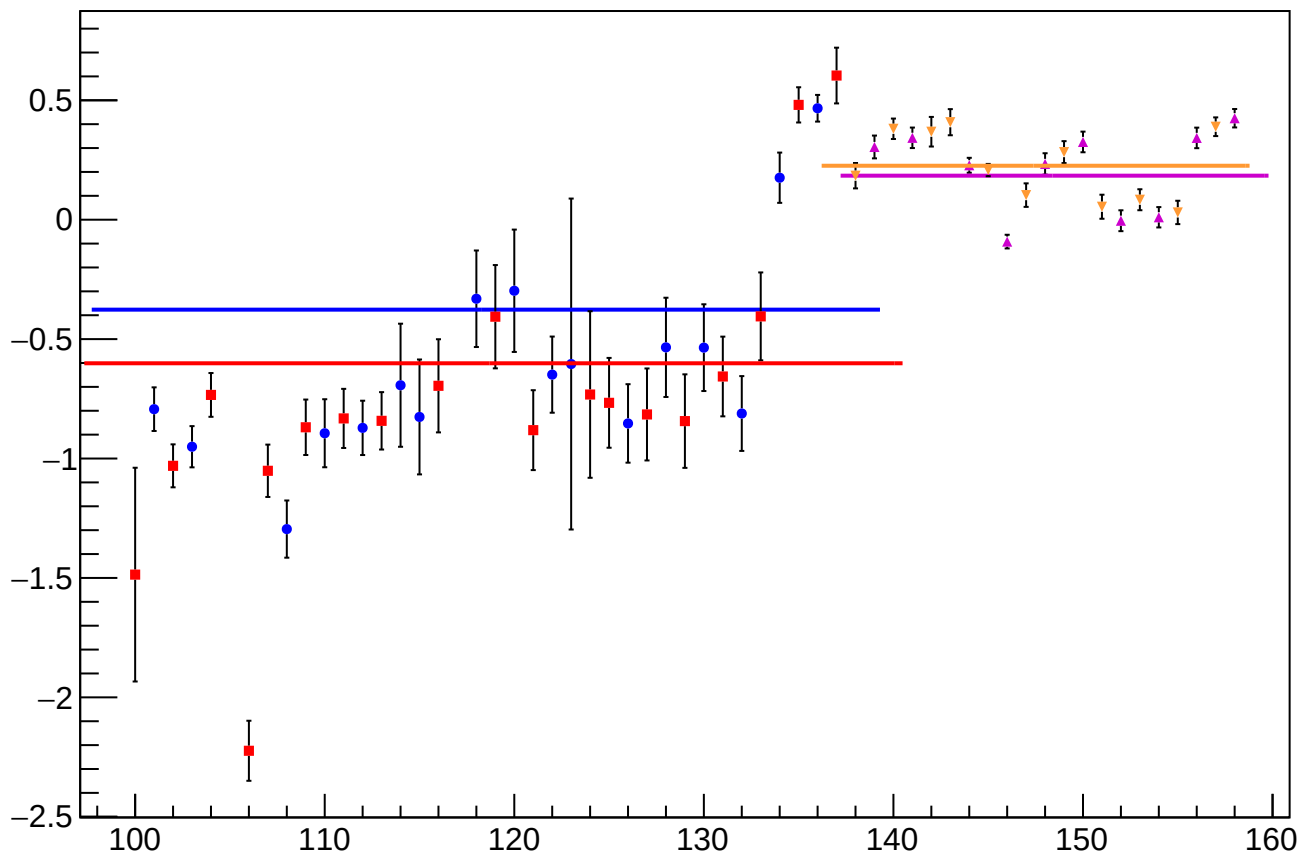
Left In: 28.186+/-0.250 χ^2 /NDF:134.5/9

+ sign 25.906+/-0.245 χ^2 /NDF: 853.2/27

All: 26.629+/-0.167 χ^2 /NDF: 1460.2/56

- sign 27.259+/-0.229 χ^2 /NDF: 590.7/28

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.226 ± 0.013 χ^2/NDF : 93.9/10

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

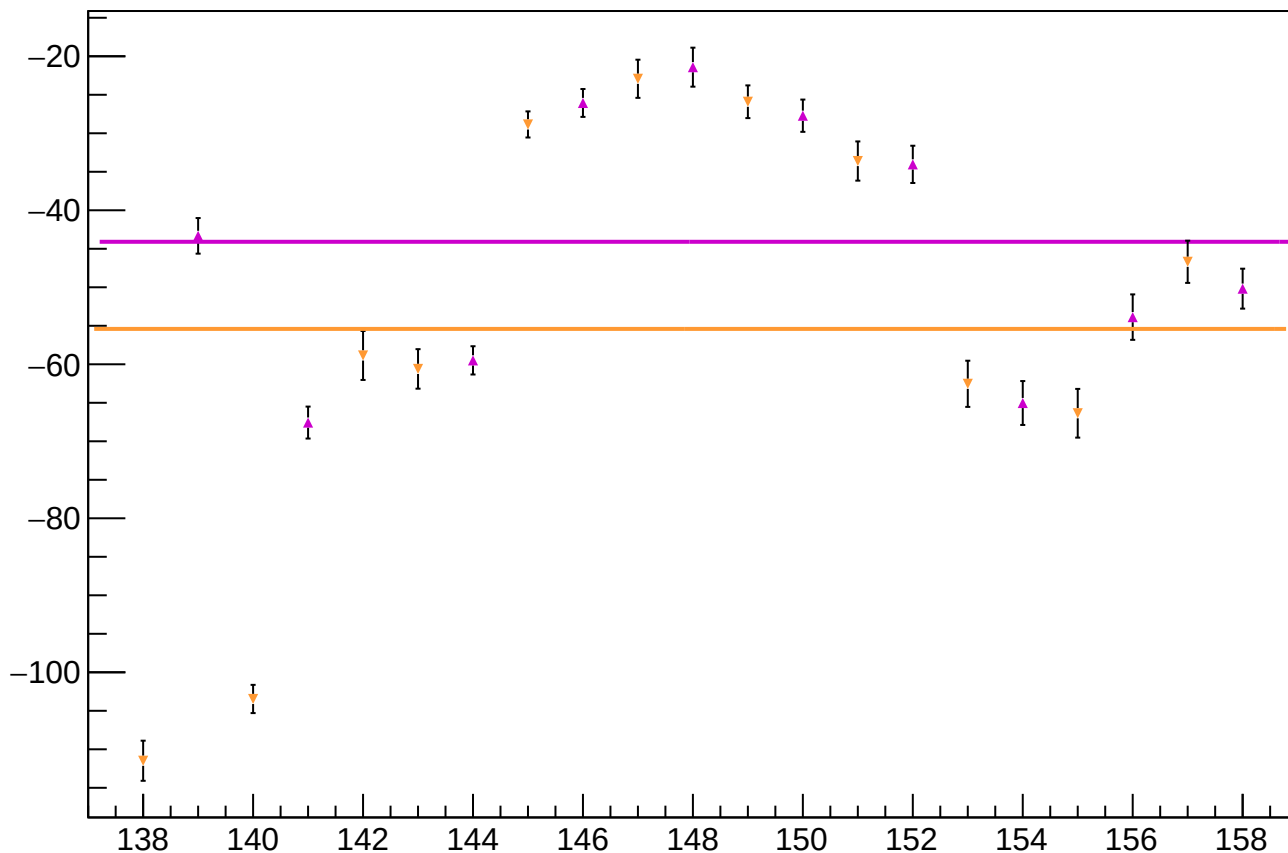
Left In: 0.184 ± 0.012 χ^2/NDF : 214.3/9

+ sign 0.130 ± 0.012 χ^2/NDF : 869.0/27

All: 0.100 ± 0.008 χ^2/NDF : 2232.0/56

- sign 0.072 ± 0.011 χ^2/NDF : 1350.3/28

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -55.406+/-0.720 χ^2/NDF : 1867.9/10

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

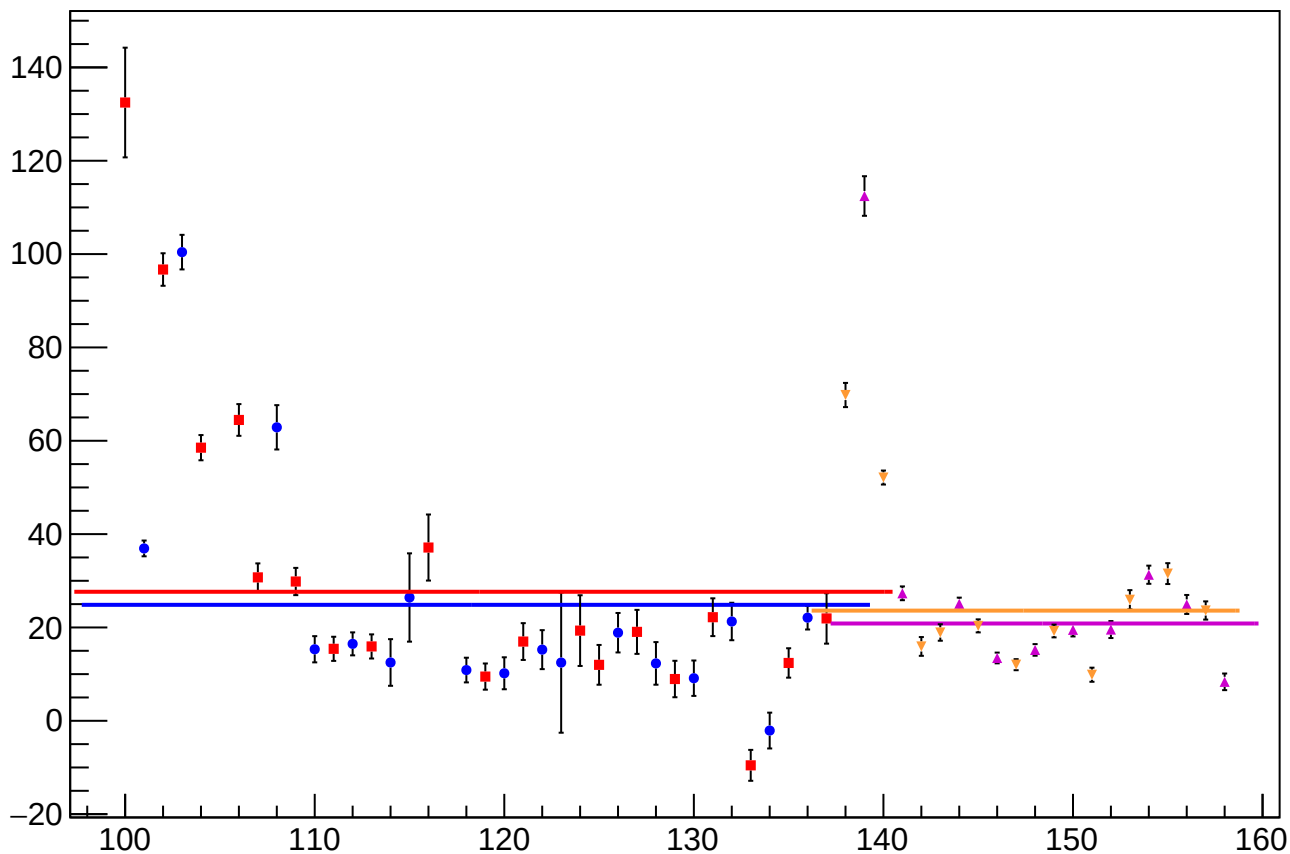
Left In: -44.092+/-0.714 χ^2/NDF : 526.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.697+/-0.507 χ^2/NDF : 2519.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 ± 0.801 χ^2/NDF : 690.8/16

Left Out: 23.610 ± 0.496 χ^2/NDF : 908.6/10

Right Out: 27.648 ± 0.810 χ^2/NDF : 1009.2/18

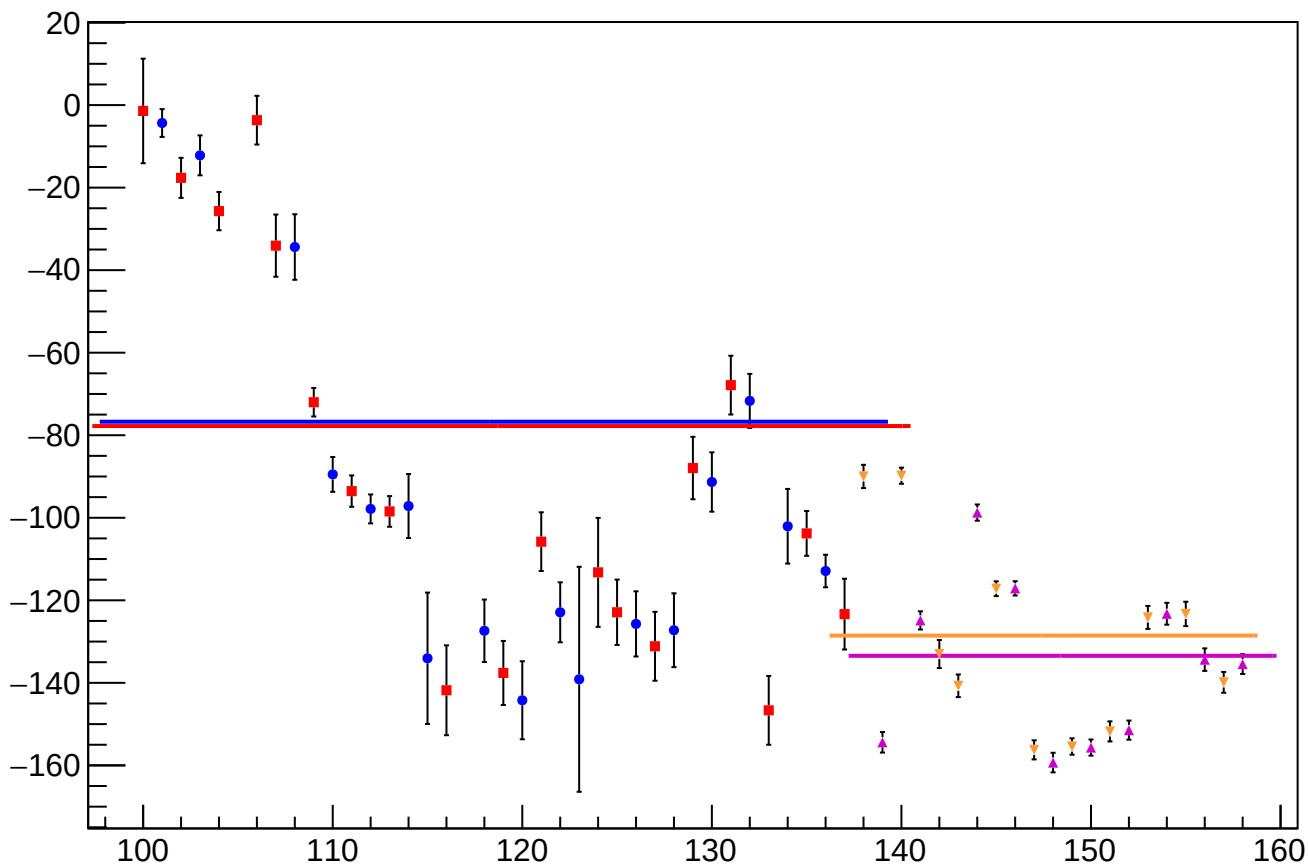
Left In: 20.848 ± 0.493 χ^2/NDF : 641.2/9

+ sign 23.954 ± 0.422 χ^2/NDF : 1601.2/27

All: 23.318 ± 0.298 χ^2/NDF : 3307.5/56

- sign 22.684 ± 0.421 χ^2/NDF : 1701.8/28

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -128.544 ± 0.720 χ^2/NDF : 1085.4/10

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

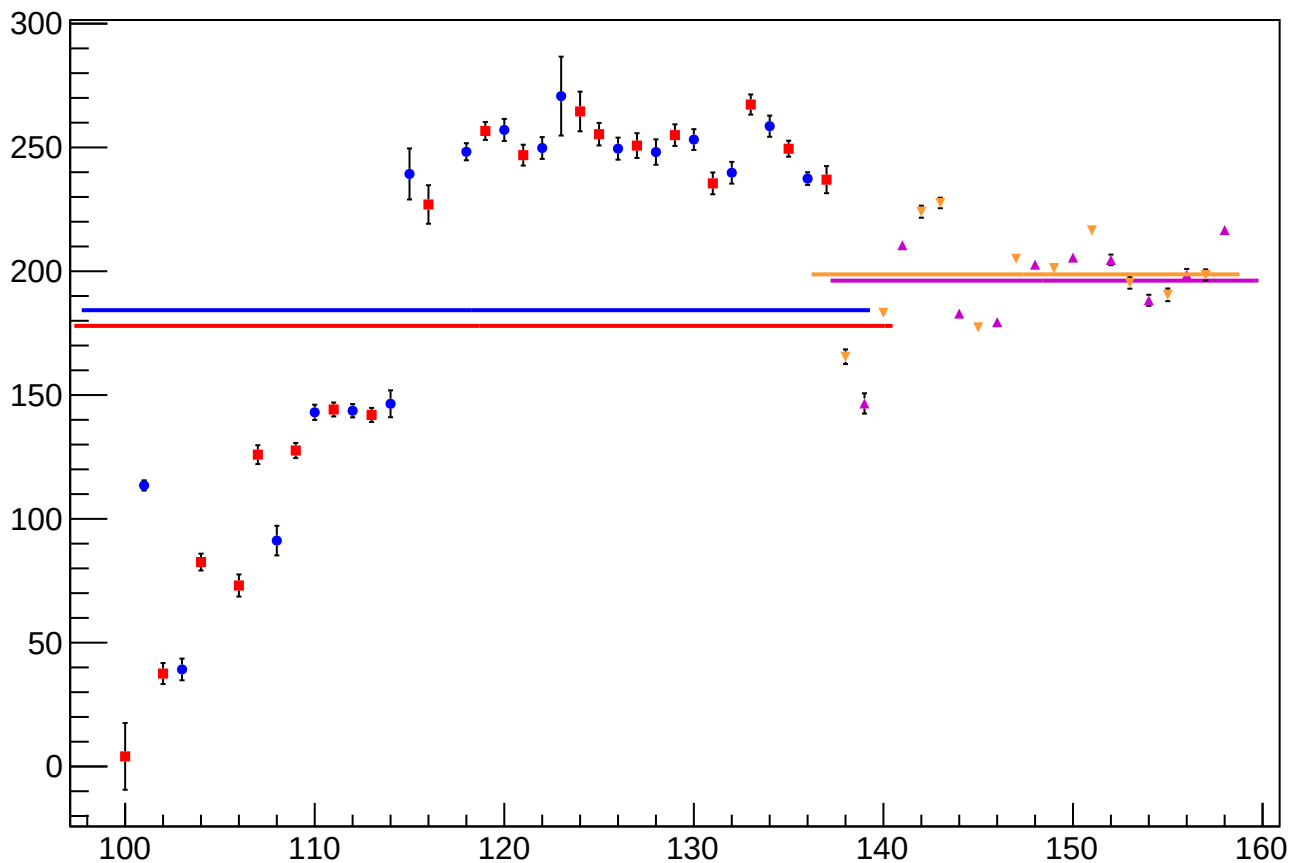
Left In: -133.446 ± 0.702 χ^2/NDF : 809.0/9

+ sign -117.856 ± 0.641 χ^2/NDF : 3196.0/27

All: -119.800 ± 0.447 χ^2/NDF : 6229.9/56

- sign -121.634 ± 0.623 χ^2/NDF : 3016.1/28

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 198.747 $\pm$ 0.604 χ^2 /NDF: 784.0/10

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

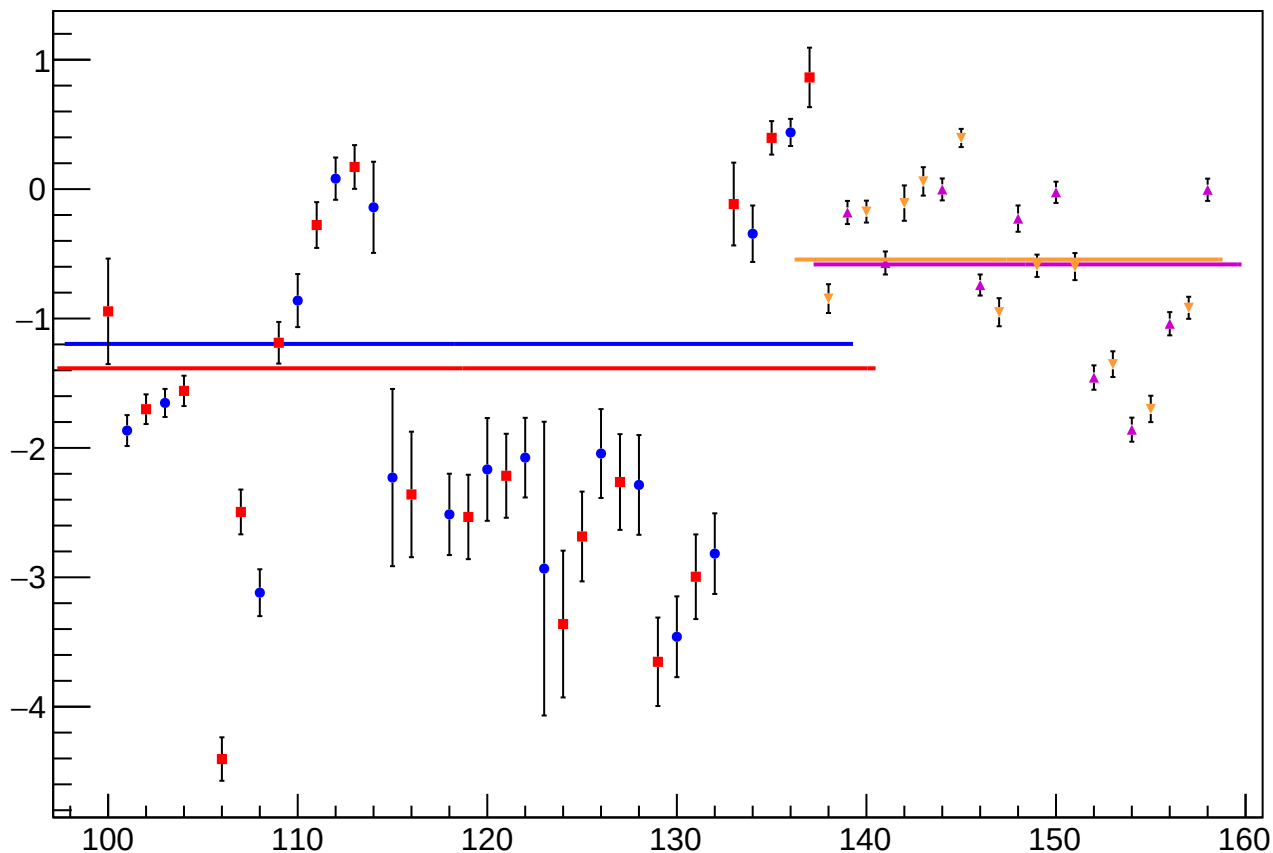
Left In: 196.212 $\pm$ 0.590 χ^2 /NDF: 615.4/9

+ sign 194.350 $\pm$ 0.504 χ^2 /NDF: 6359.8/27

All: 192.610 $\pm$ 0.354 χ^2 /NDF: 13607.7/56

- sign 190.912 $\pm$ 0.497 χ^2 /NDF: 7224.3/28

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.544 ± 0.029 χ^2/NDF : 473.6/10

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

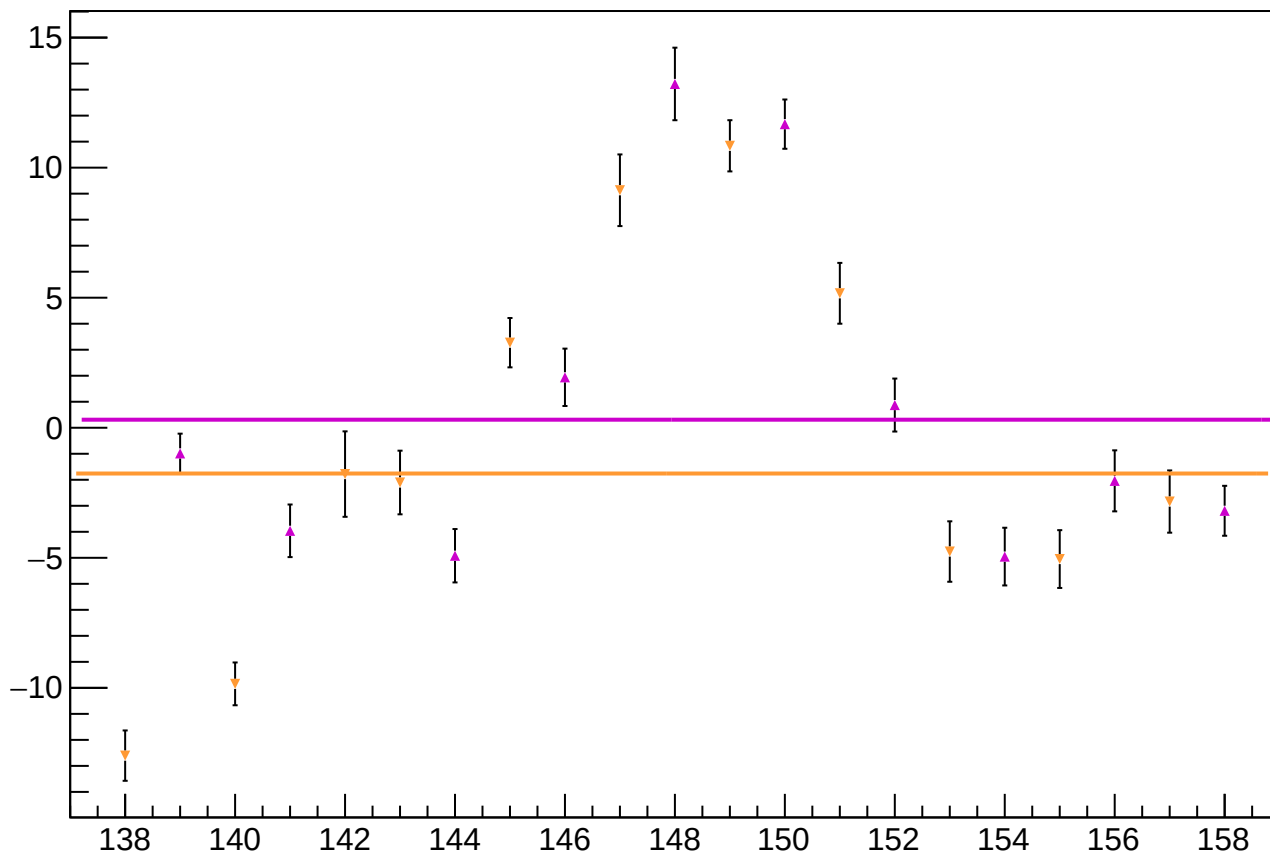
Left In: -0.582 ± 0.028 χ^2/NDF : 475.3/9

+ sign -0.716 ± 0.025 χ^2/NDF : 1232.1/27

All: -0.760 ± 0.017 χ^2/NDF : 2861.6/56

- sign -0.801 ± 0.024 χ^2/NDF : 1623.4/28

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.759+/-0.329 χ^2/NDF : 528.2/10

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

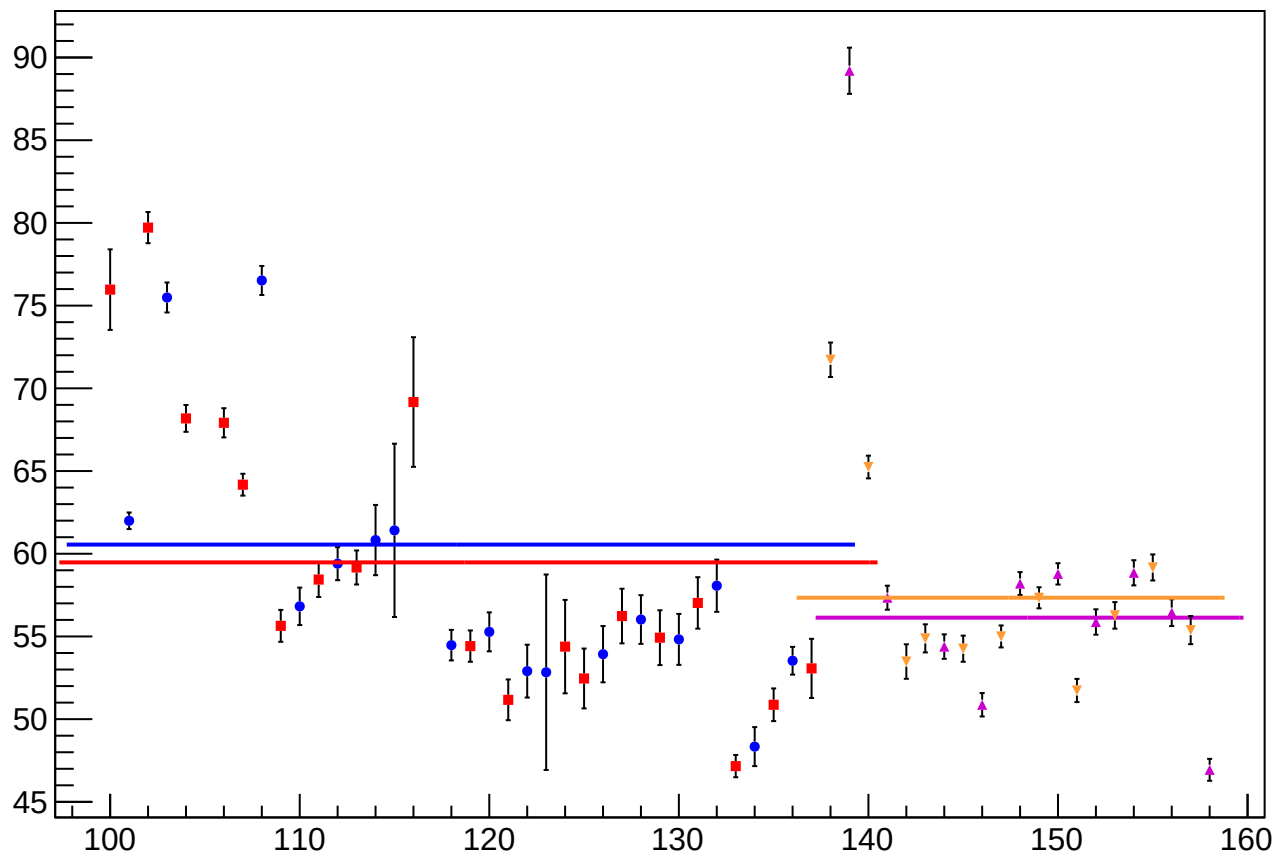
Left In: 0.310+/-0.321 χ^2/NDF : 318.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.699+/-0.230 χ^2/NDF : 867.0/20

- 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: 57.342 ± 0.234 $\chi^2/\text{NDF}: 449.5/10$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

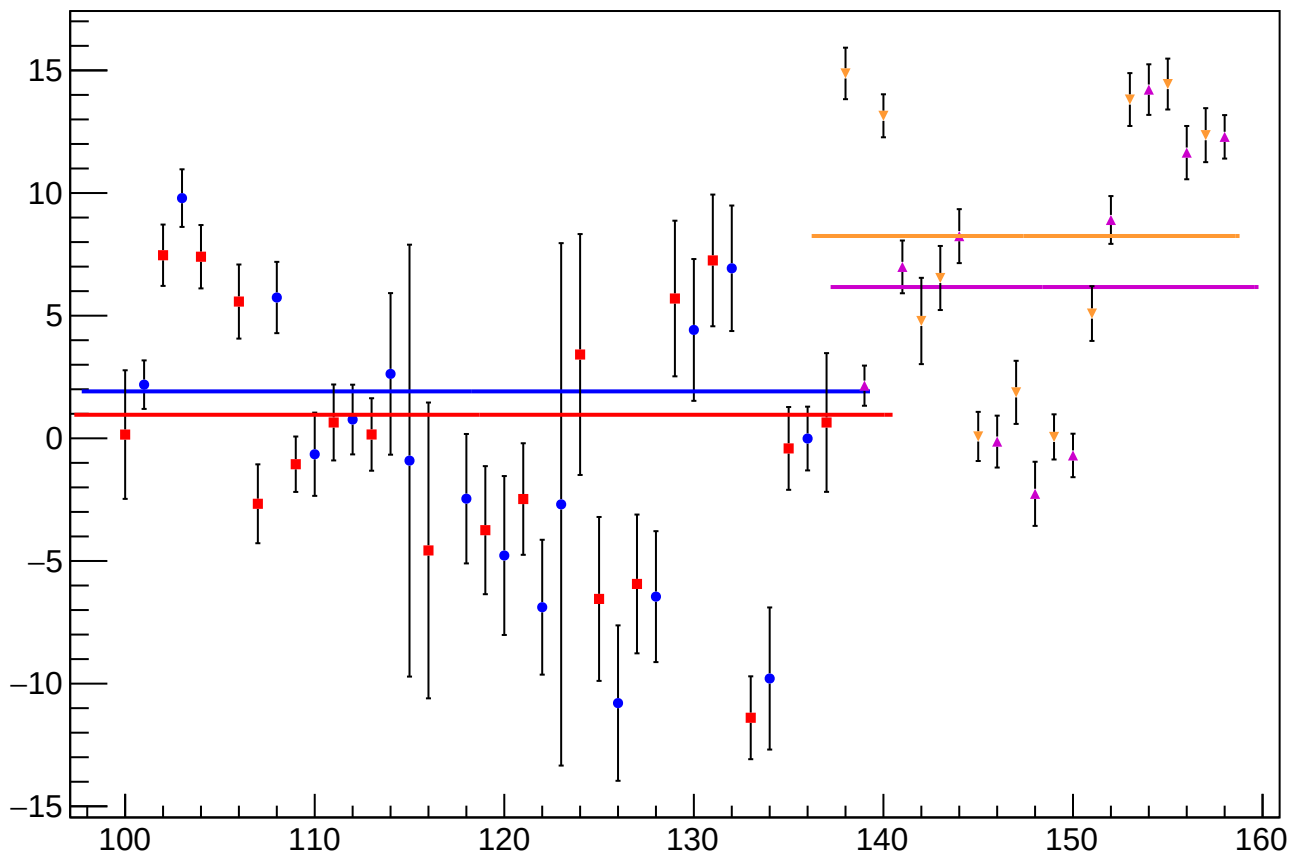
Left In: 56.135 ± 0.236 $\chi^2/\text{NDF}: 855.8/9$

+ sign 58.770 ± 0.174 $\chi^2/\text{NDF}: 1464.0/27$

All: 58.237 ± 0.122 $\chi^2/\text{NDF}: 3750.5/56$

- sign 57.724 ± 0.171 $\chi^2/\text{NDF}: 2268.2/28$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 8.249 ± 0.328 χ^2/NDF : 331.2/10

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

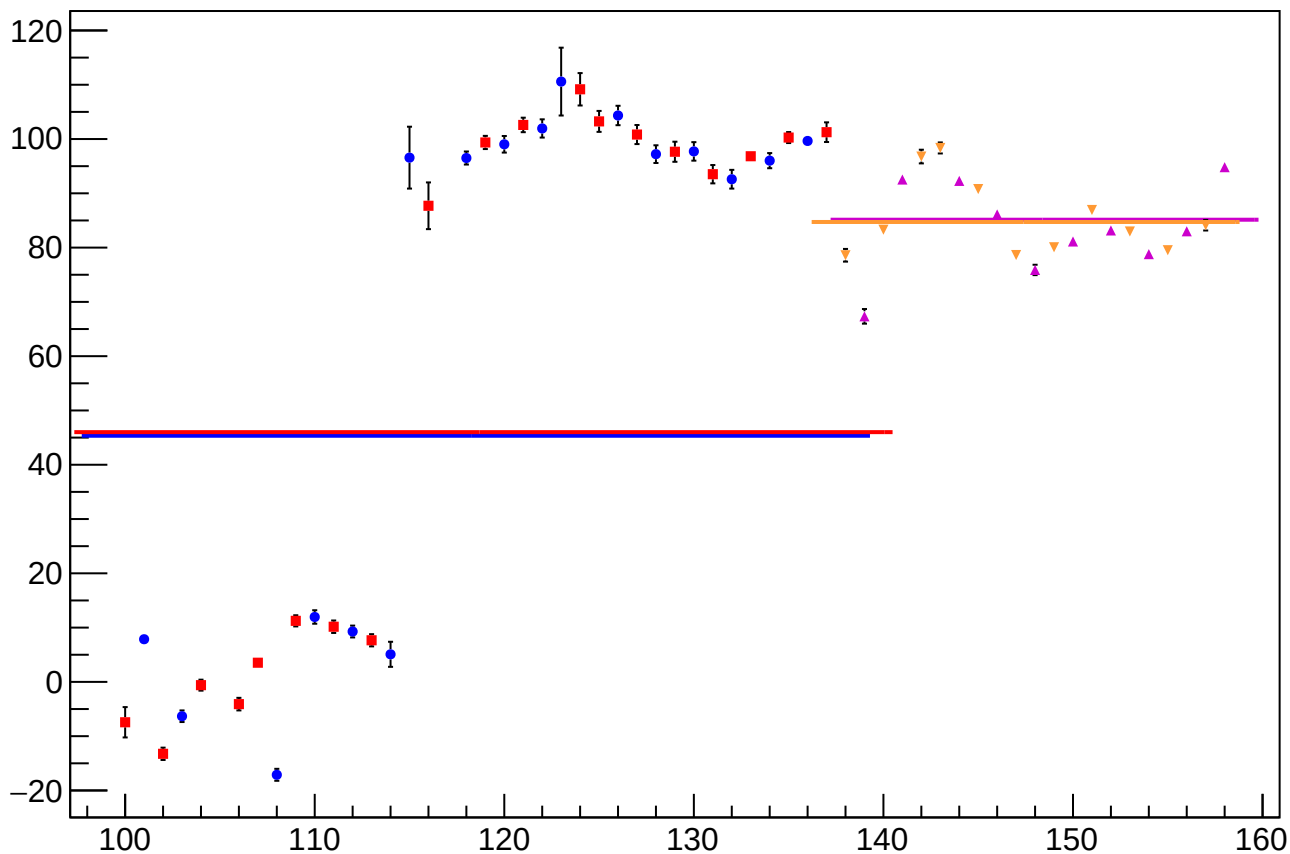
Left In: 6.168 ± 0.315 χ^2/NDF : 307.3/9

+ sign 6.103 ± 0.266 χ^2/NDF : 579.4/27

All: 5.163 ± 0.184 χ^2/NDF : 1157.0/56

- sign 4.314 ± 0.253 χ^2/NDF : 553.8/28

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 84.721 $\pm$ 0.281 χ^2 /NDF: 472.1/10

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

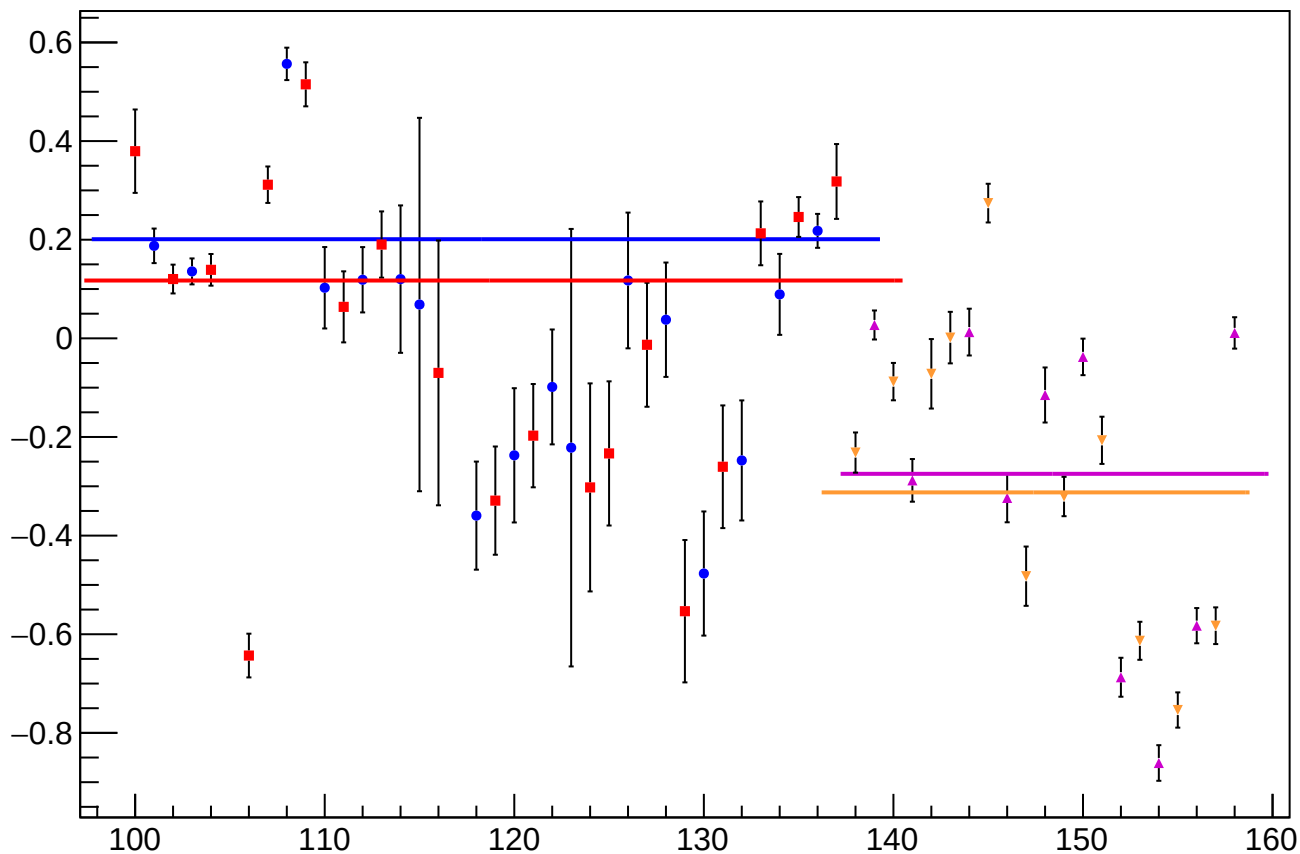
Left In: 85.137 $\pm$ 0.276 χ^2 /NDF: 692.6/9

+ sign 66.540 $\pm$ 0.206 χ^2 /NDF: 34619.9/27

All: 66.527 $\pm$ 0.143 χ^2 /NDF: 73109.3/56

- sign 66.514 $\pm$ 0.200 χ^2 /NDF: 38489.4/28

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.312 ± 0.013 χ^2/NDF : 589.3/10

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

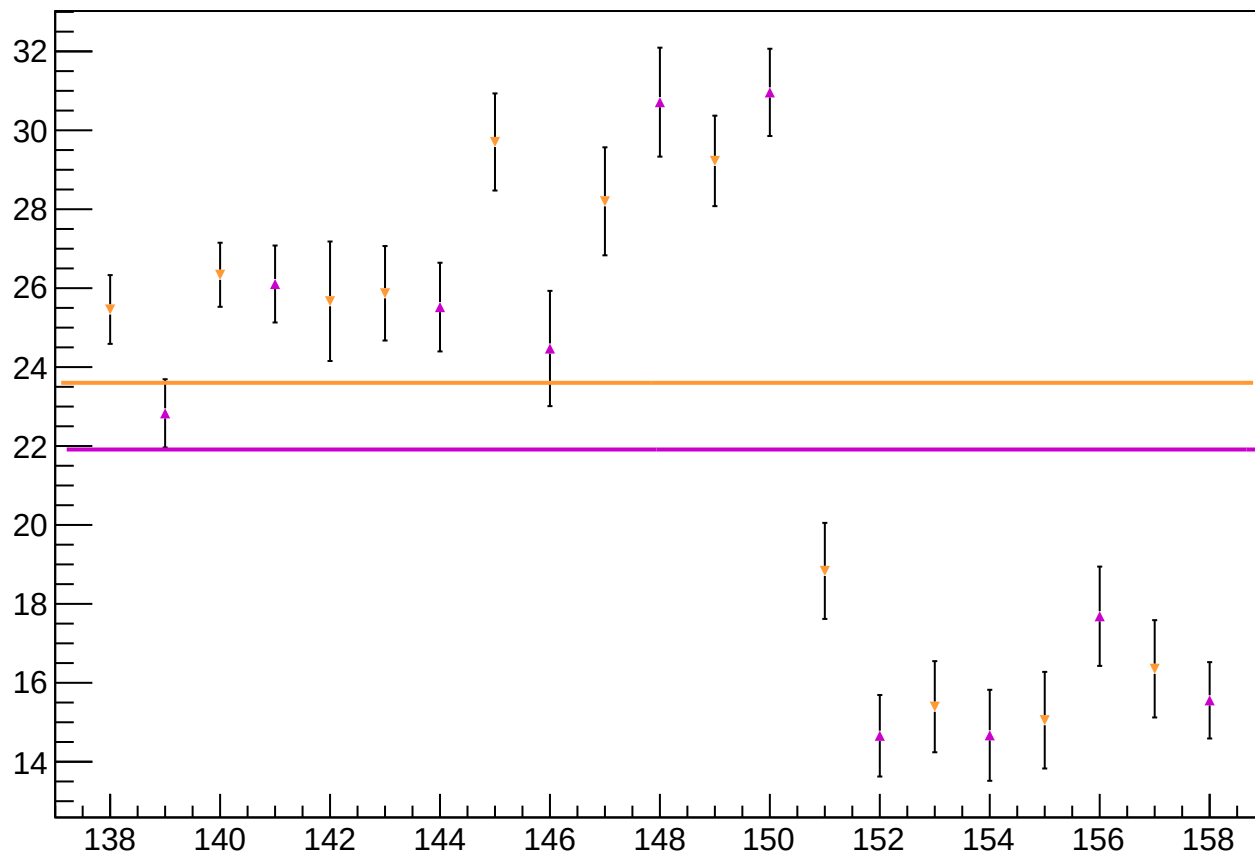
Left In: -0.275 ± 0.012 χ^2/NDF : 719.7/9

+ sign -0.078 ± 0.009 χ^2/NDF : 1533.9/27

All: -0.085 ± 0.006 χ^2/NDF : 3239.5/56

- sign -0.092 ± 0.009 χ^2/NDF : 1704.4/28

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 23.602+/-0.340 χ^2/NDF : 230.5/10

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

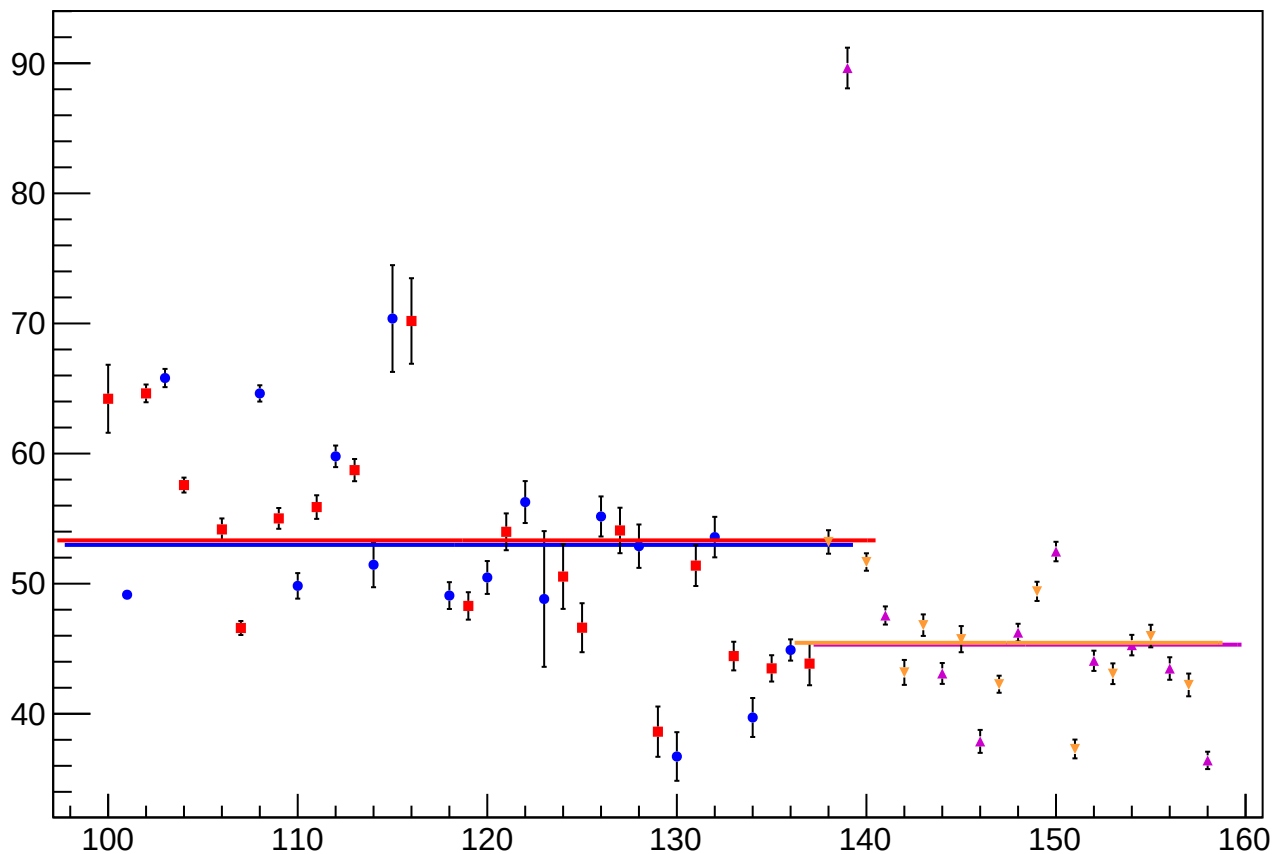
Left In: 21.912+/-0.345 χ^2/NDF : 283.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.771+/-0.242 χ^2/NDF : 526.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 45.455 $\pm$ 0.240 χ^2 /NDF: 371.1/10

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

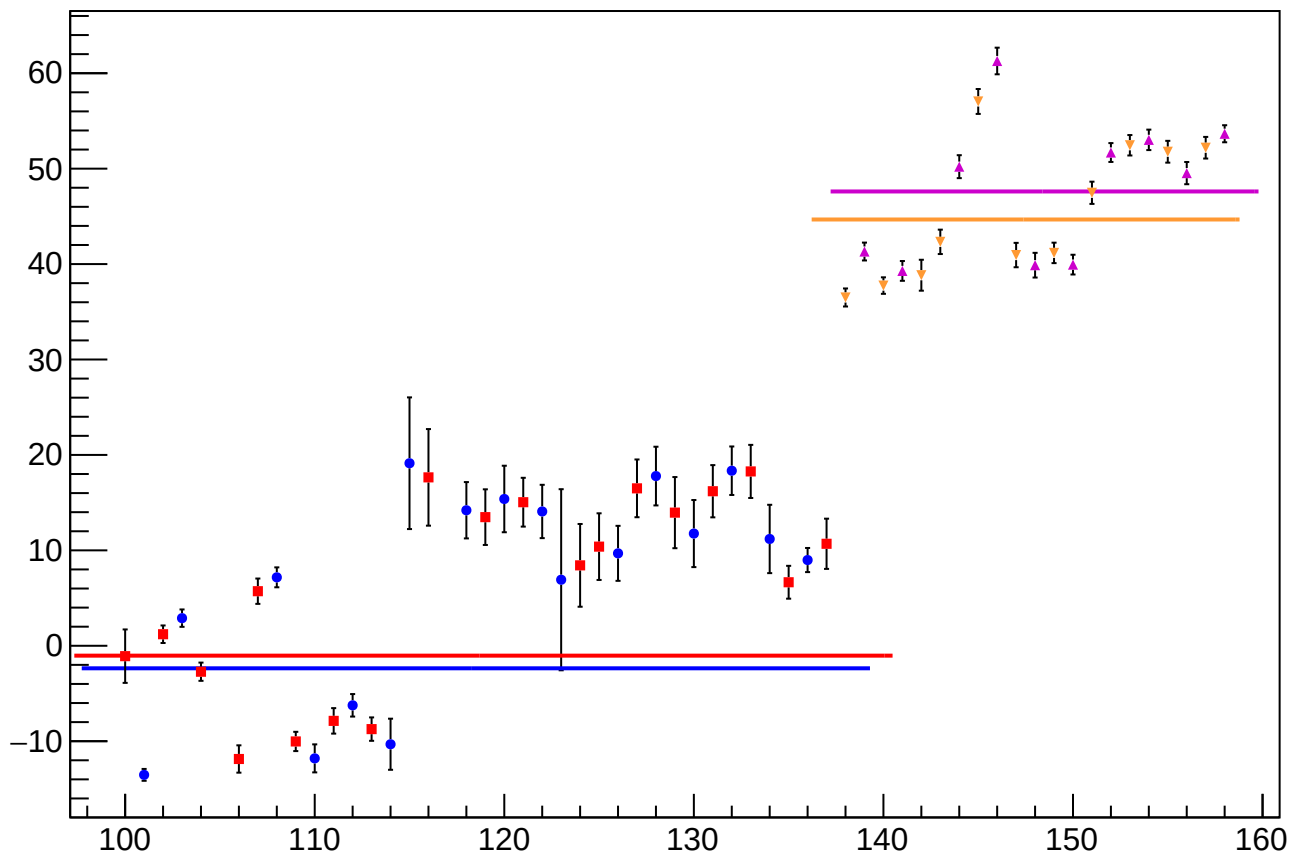
Left In: 45.313 $\pm$ 0.249 χ^2 /NDF: 1170.9/9

+ sign 49.722 $\pm$ 0.158 χ^2 /NDF: 2124.3/27

All: 49.711 $\pm$ 0.115 χ^2 /NDF: 4733.9/56

- sign 49.698 $\pm$ 0.168 χ^2 /NDF: 2609.6/28

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 44.672 ± 0.340 χ^2/NDF : 405.4/10

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

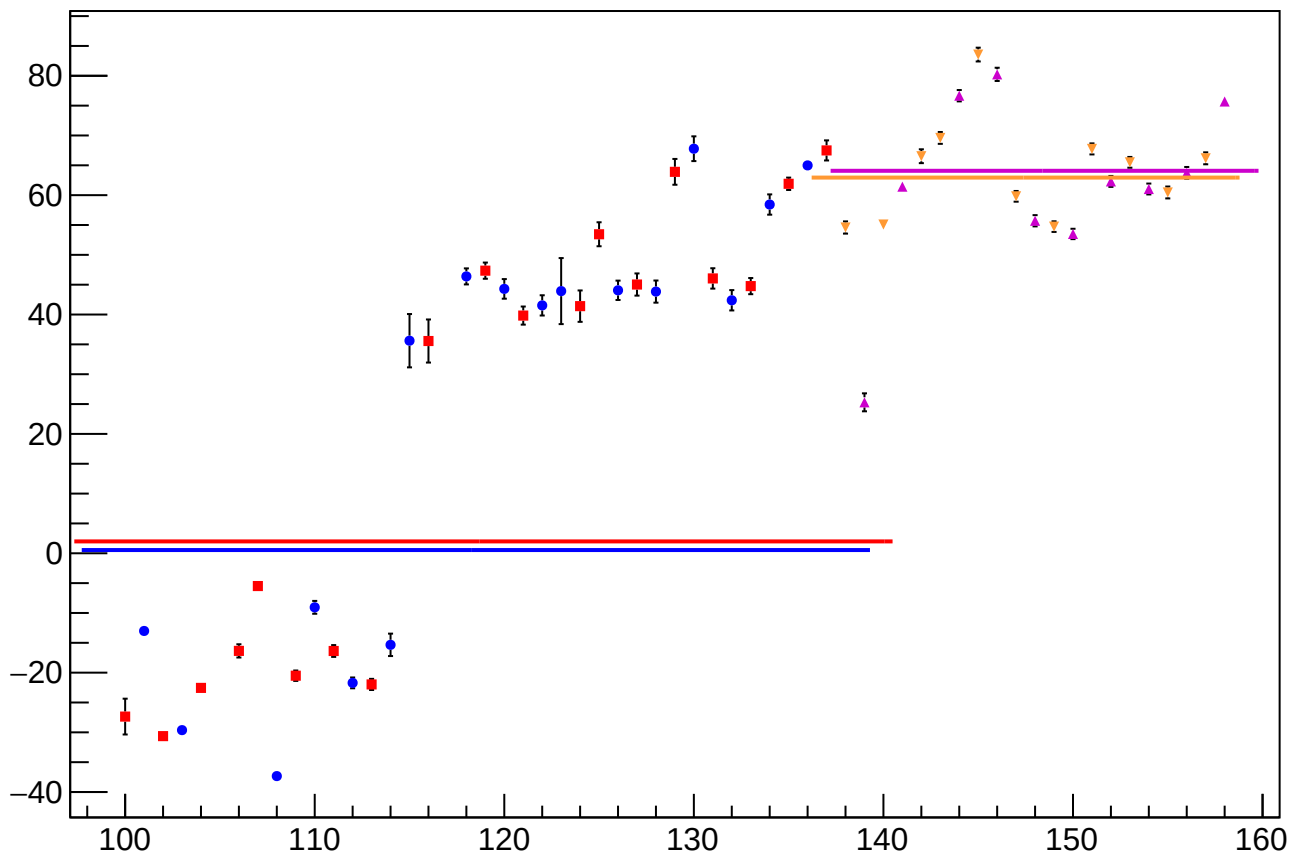
Left In: 47.609 ± 0.339 χ^2/NDF : 392.1/9

+ sign 22.775 ± 0.248 χ^2/NDF : 10178.1/27

All: 24.286 ± 0.177 χ^2/NDF : 20357.0/56

- sign 25.844 ± 0.252 χ^2/NDF : 10103.7/28

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 62.945 ± 0.290 χ^2/NDF : 682.7/10

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

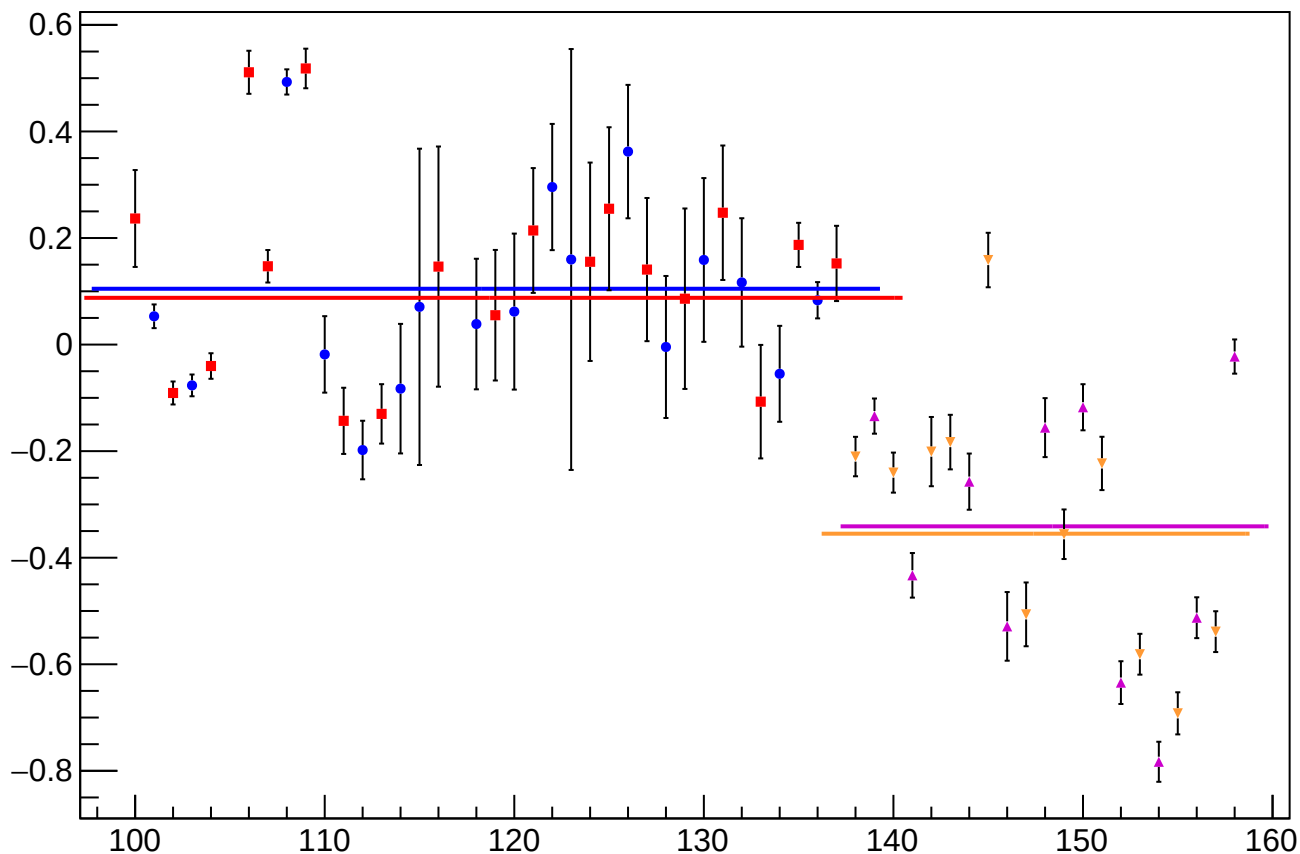
Left In: 64.082 ± 0.292 χ^2/NDF : 1577.0/9

+ sign 26.742 ± 0.188 χ^2/NDF : 45970.0/27

All: 28.370 ± 0.136 χ^2/NDF : 87806.6/56

- sign 30.160 ± 0.197 χ^2/NDF : 41678.9/28

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.355 ± 0.013 χ^2/NDF : 286.5/10

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

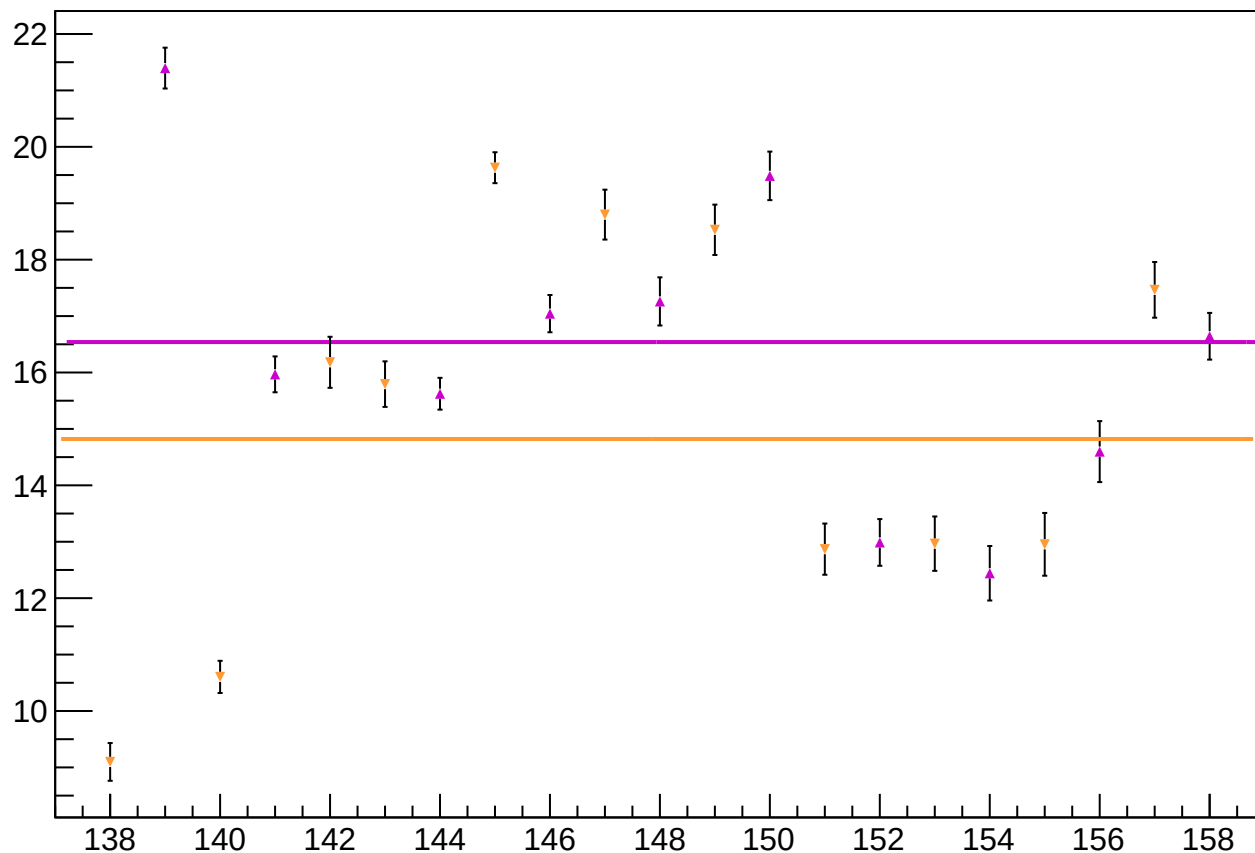
Left In: -0.341 ± 0.013 χ^2/NDF : 403.3/9

+ sign -0.081 ± 0.009 χ^2/NDF : 1389.7/27

All: -0.086 ± 0.006 χ^2/NDF : 2819.6/56

- sign -0.091 ± 0.008 χ^2/NDF : 1429.2/28

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.822+/-0.118 χ^2/NDF :1057.0/10

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

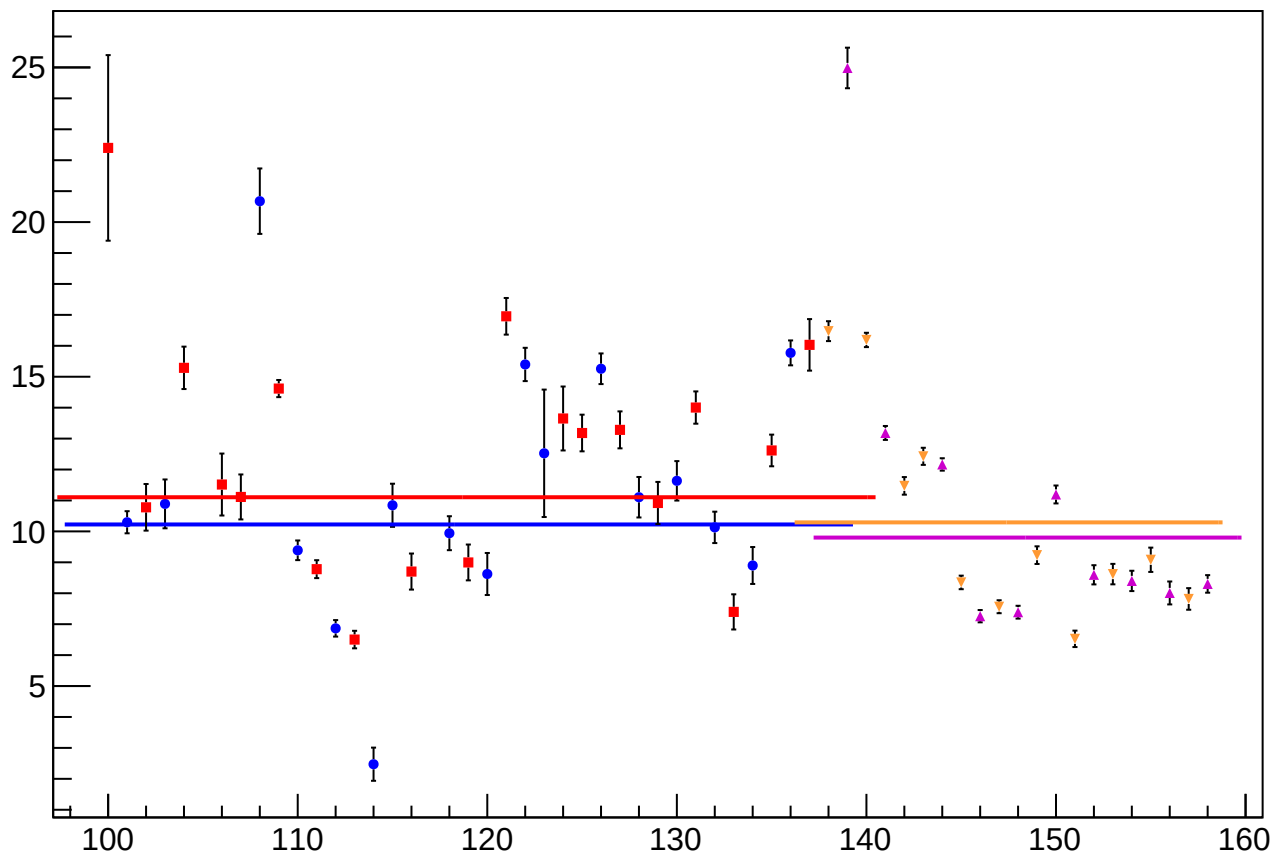
Left In: 16.540+/-0.120 χ^2/NDF :404.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.665+/-0.084 χ^2/NDF : 1565.9/20

- 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: 10.291 $\pm$ 0.082 χ^2 /NDF:1643.6/10

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

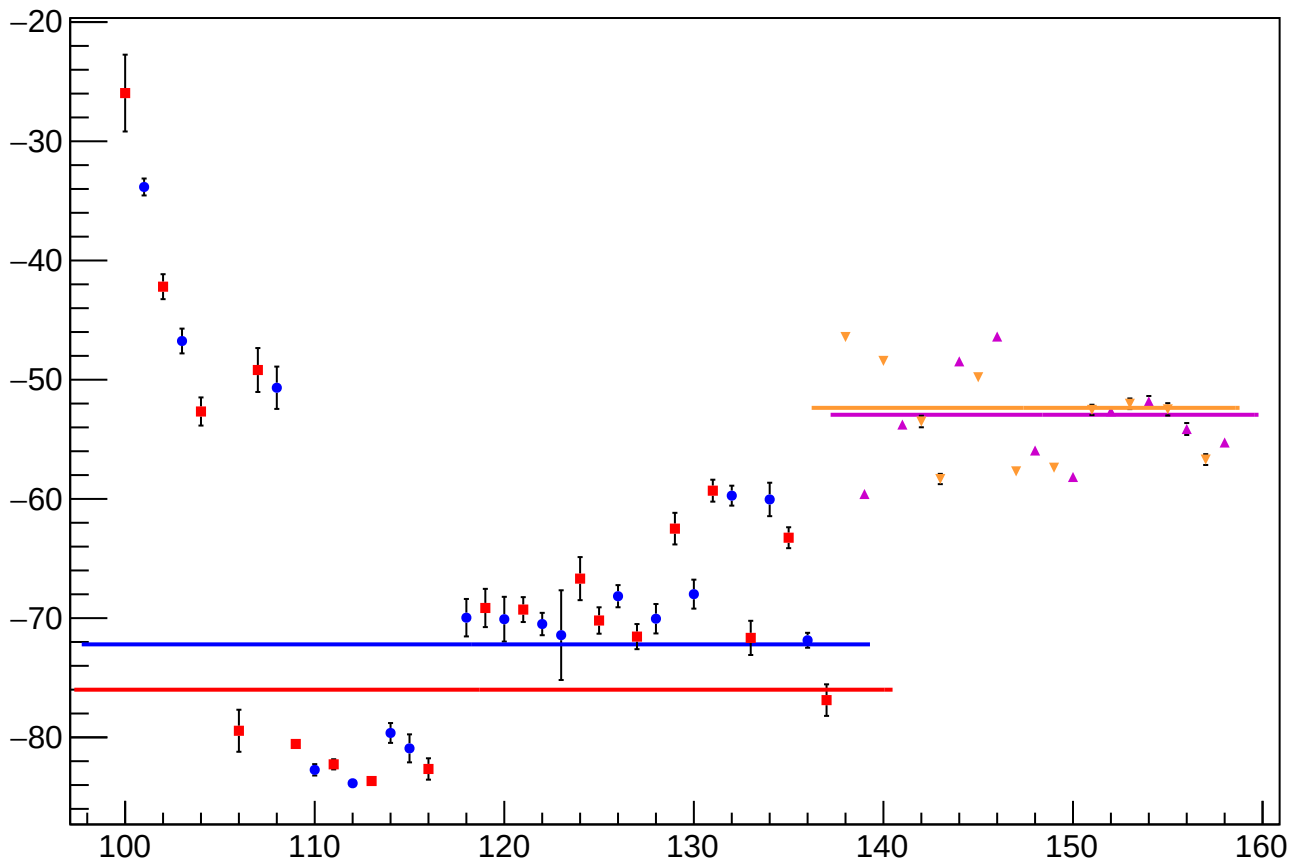
Left In: 9.800 $\pm$ 0.083 χ^2 /NDF:1305.9/9

+ sign 10.269 $\pm$ 0.068 χ^2 /NDF: 2521.4/27

All: 10.253 $\pm$ 0.048 χ^2 /NDF: 4728.2/56

- sign 10.237 $\pm$ 0.067 χ^2 /NDF: 2206.6/28

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.361 ± 0.119 χ^2/NDF : 1114.4/10

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

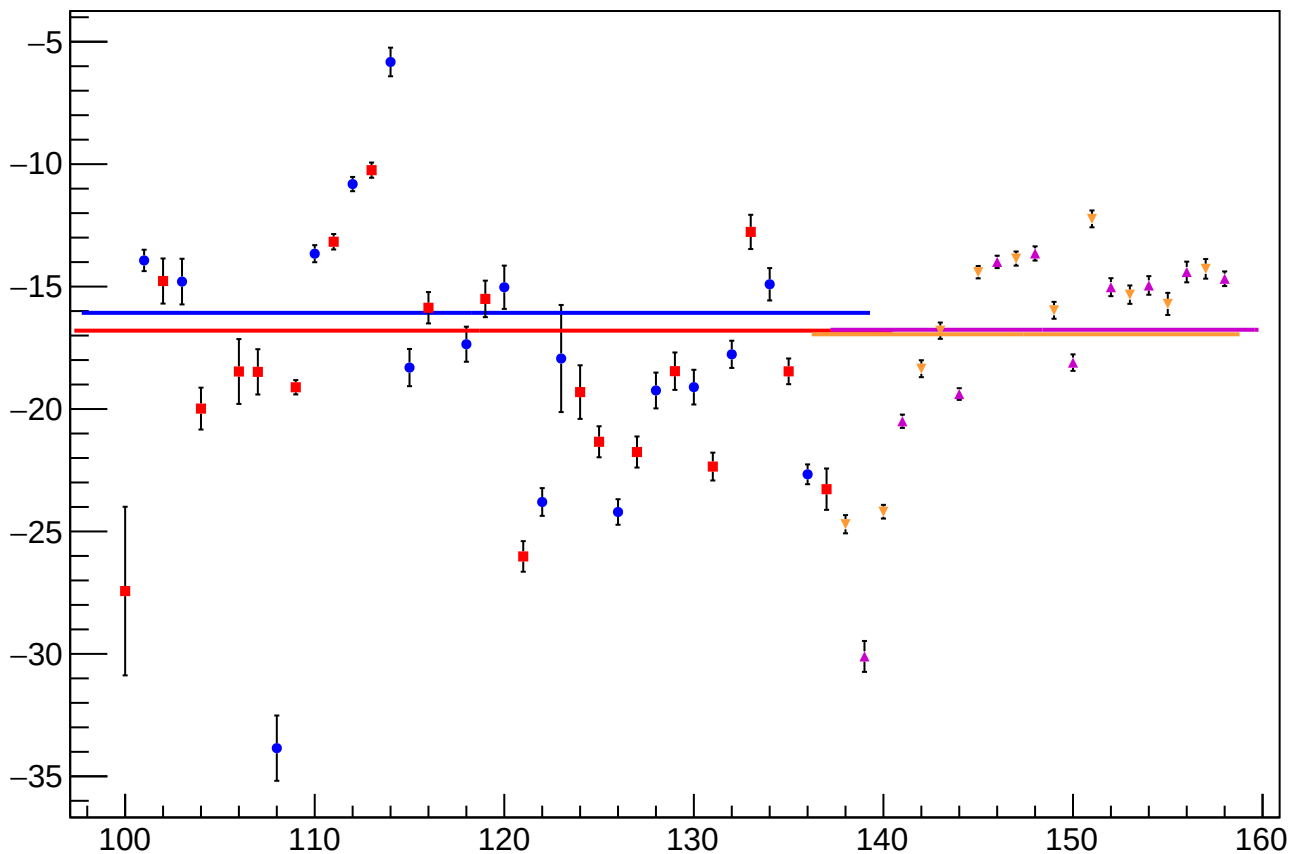
Left In: -52.941 ± 0.119 χ^2/NDF : 1217.3/9

+ sign -57.658 ± 0.102 χ^2/NDF : 14064.0/27

All: -58.806 ± 0.071 χ^2/NDF : 30342.4/56

- sign -59.891 ± 0.099 χ^2/NDF : 16032.9/28

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -16.948 ± 0.100 $\chi^2/\text{NDF}: 1601.2/10$

Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$

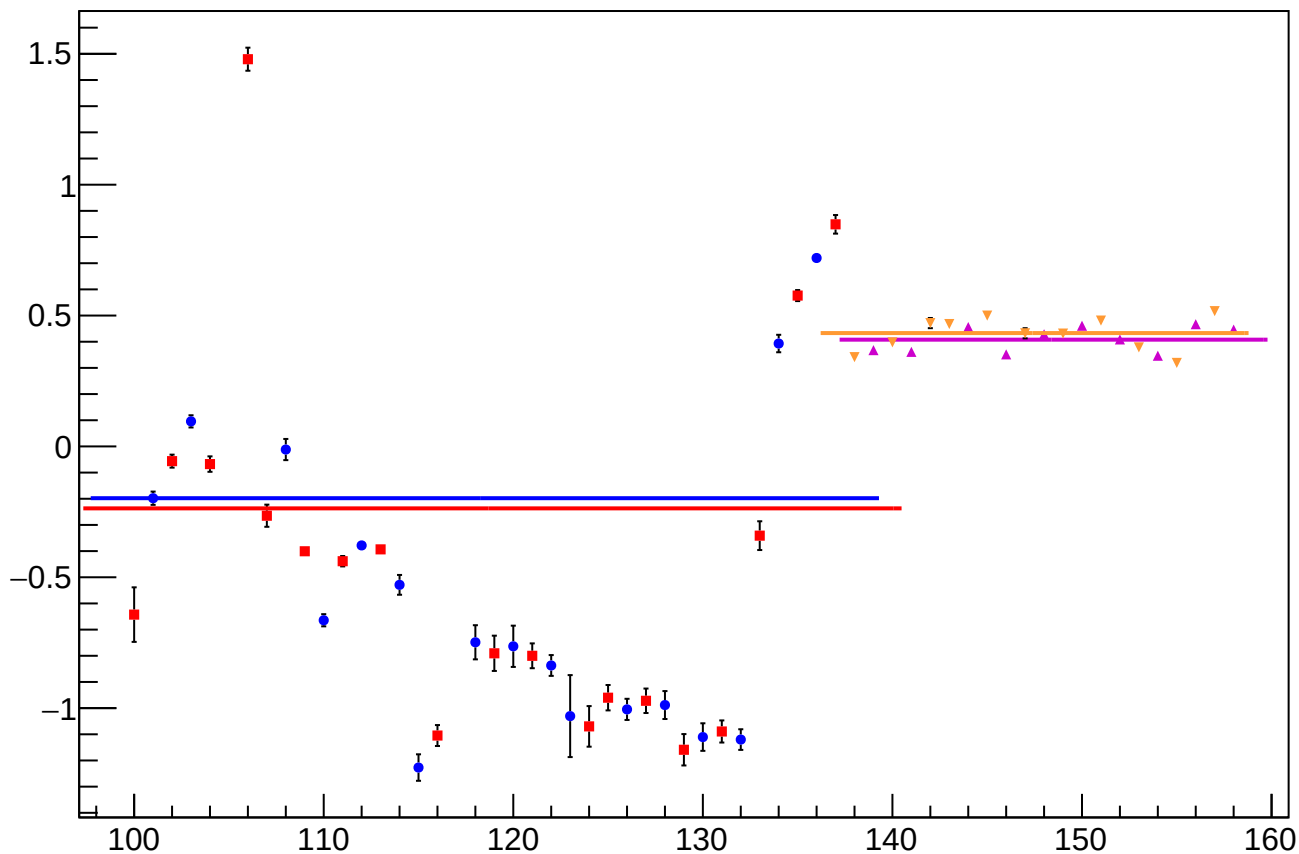
Left In: -16.763 ± 0.099 $\chi^2/\text{NDF}: 1132.0/9$

+ sign -16.629 ± 0.080 $\chi^2/\text{NDF}: 3270.1/27$

All: -16.704 ± 0.056 $\chi^2/\text{NDF}: 5619.6/56$

- sign -16.777 ± 0.079 $\chi^2/\text{NDF}: 2347.8/28$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.433 ± 0.005 χ^2/NDF : 177.8/10

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

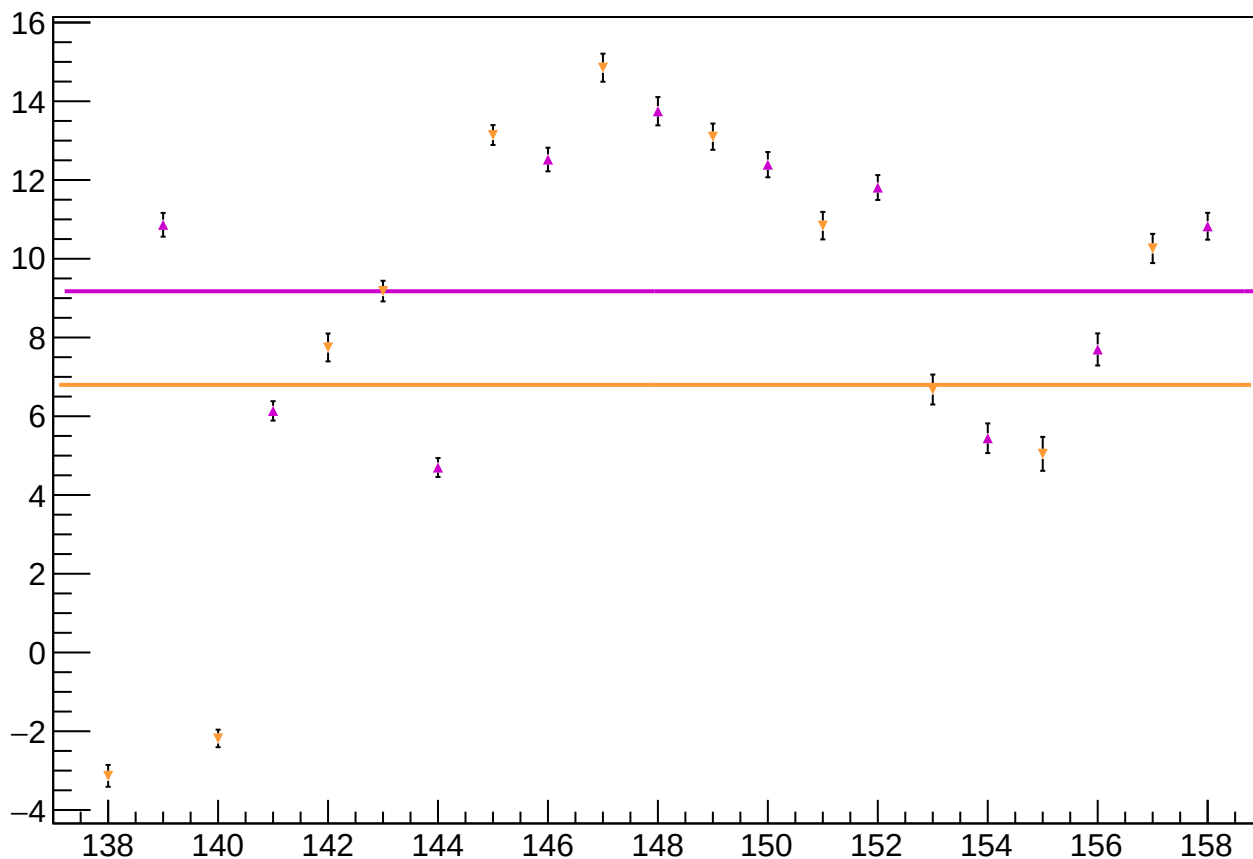
Left In: 0.408 ± 0.005 χ^2/NDF : 95.3/9

+ sign 0.252 ± 0.004 χ^2/NDF : 11519.5/27

All: 0.232 ± 0.003 χ^2/NDF : 23520.0/56

- sign 0.213 ± 0.004 χ^2/NDF : 11950.7/28

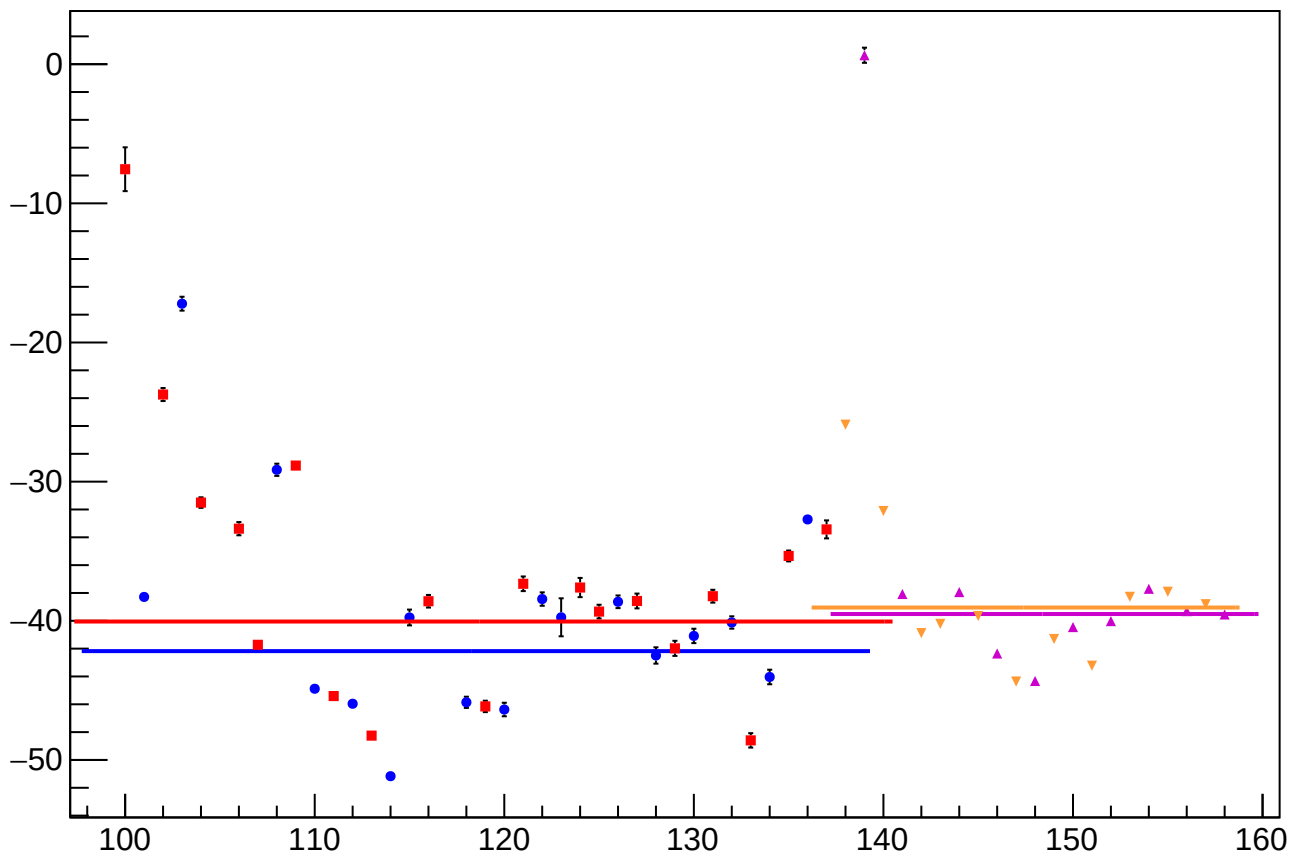
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.798+/-0.093 χ^2/NDF : 4733.4/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.175+/-0.098 χ^2/NDF : 1121.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.927+/-0.067 χ^2/NDF : 6166.3/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 $\chi^2/\text{NDF}: 6573.8/16$

Left Out: -39.046 ± 0.065 $\chi^2/\text{NDF}: 5497.4/10$

Right Out: -40.052 ± 0.073 $\chi^2/\text{NDF}: 11313.5/18$

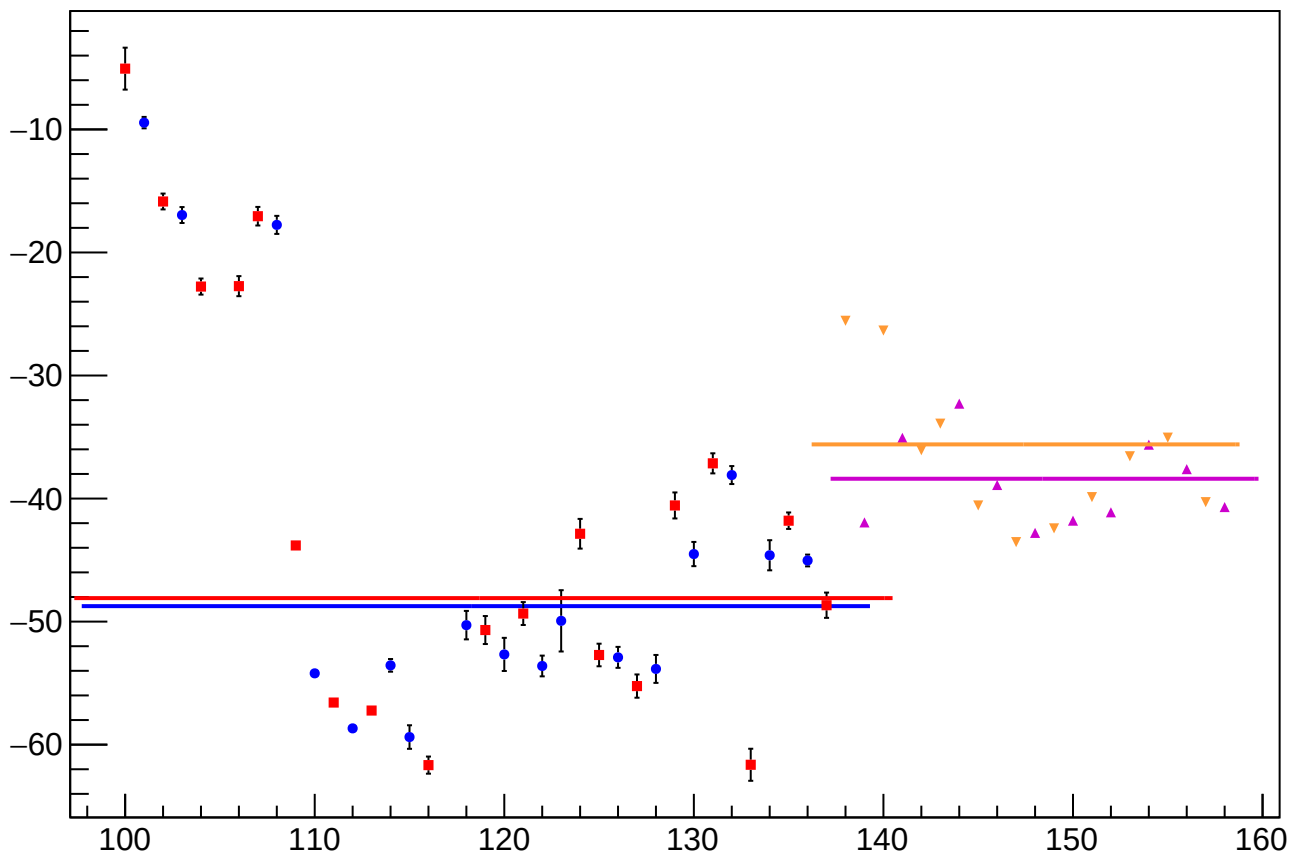
Left In: -39.513 ± 0.068 $\chi^2/\text{NDF}: 6643.4/9$

+ sign -40.327 ± 0.050 $\chi^2/\text{NDF}: 13030.5/27$

All: -40.045 ± 0.035 $\chi^2/\text{NDF}: 31080.8/56$

- sign -39.764 ± 0.050 $\chi^2/\text{NDF}: 17986.2/28$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743±/0.124 χ^2/NDF : 14658.5/16

Left Out: -35.598±/0.094 χ^2/NDF : 4428.6/10

Right Out: -48.091±/0.107 χ^2/NDF : 11731.5/18

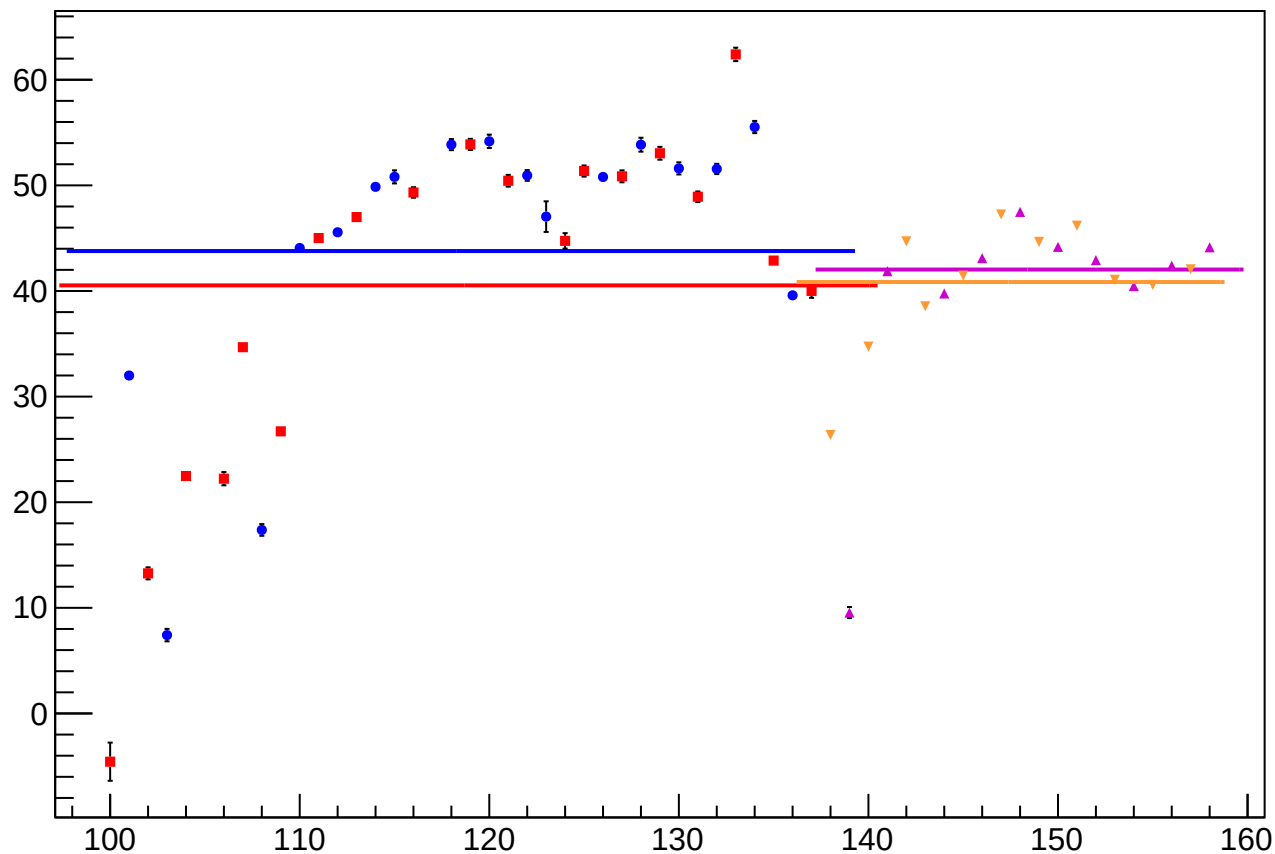
Left In: -38.390±/0.097 χ^2/NDF : 1346.2/9

+ sign -40.365±/0.075 χ^2/NDF : 26200.7/27

All: -41.601±/0.052 χ^2/NDF : 44320.7/56

- sign -42.733±/0.072 χ^2/NDF : 17598.7/28

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.849 $\pm$ 0.079 χ^2 /NDF: 4663.7/10

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

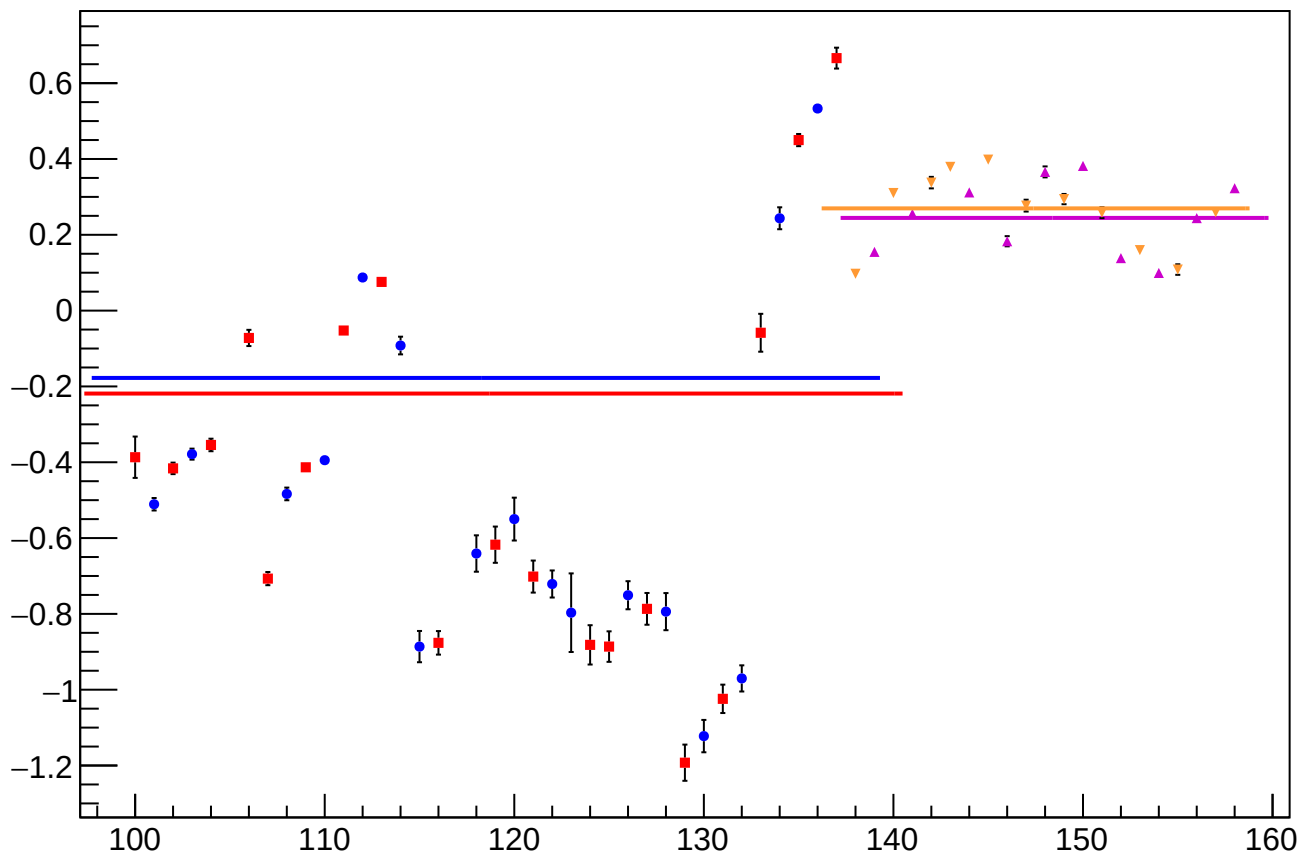
Left In: 42.030 $\pm$ 0.081 χ^2 /NDF: 4664.9/9

+ sign 42.172 $\pm$ 0.058 χ^2 /NDF: 15932.0/27

All: 41.712 $\pm$ 0.041 χ^2 /NDF: 38472.5/56

- sign 41.270 $\pm$ 0.057 χ^2 /NDF: 22418.2/28

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.270 ± 0.004 χ^2/NDF : 704.1/10

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

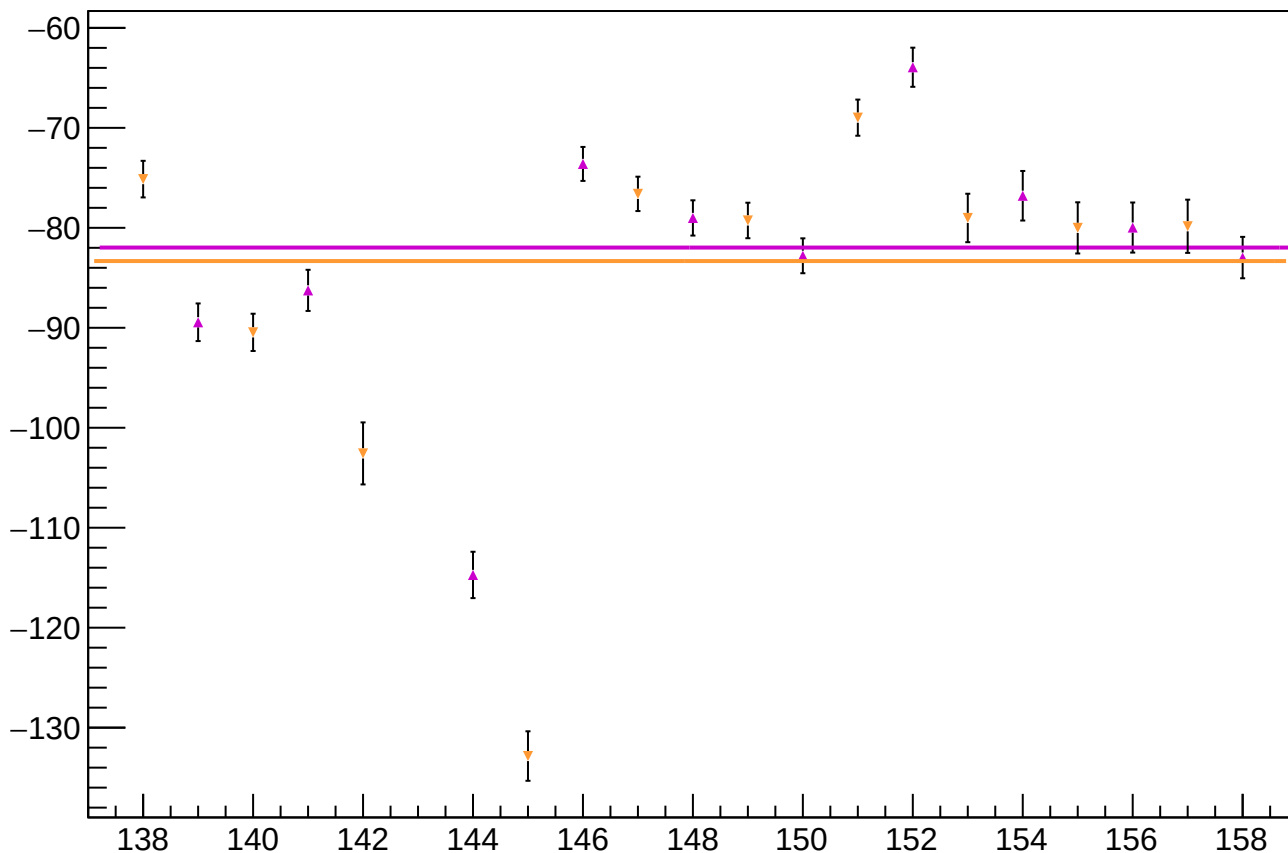
Left In: 0.245 ± 0.004 χ^2/NDF : 570.1/9

+ sign 0.102 ± 0.003 χ^2/NDF : 13421.5/27

All: 0.070 ± 0.002 χ^2/NDF : 28177.5/56

- sign 0.040 ± 0.003 χ^2/NDF : 14534.2/28

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.325 $\pm$ 0.662 χ^2 /NDF:563.2/9

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

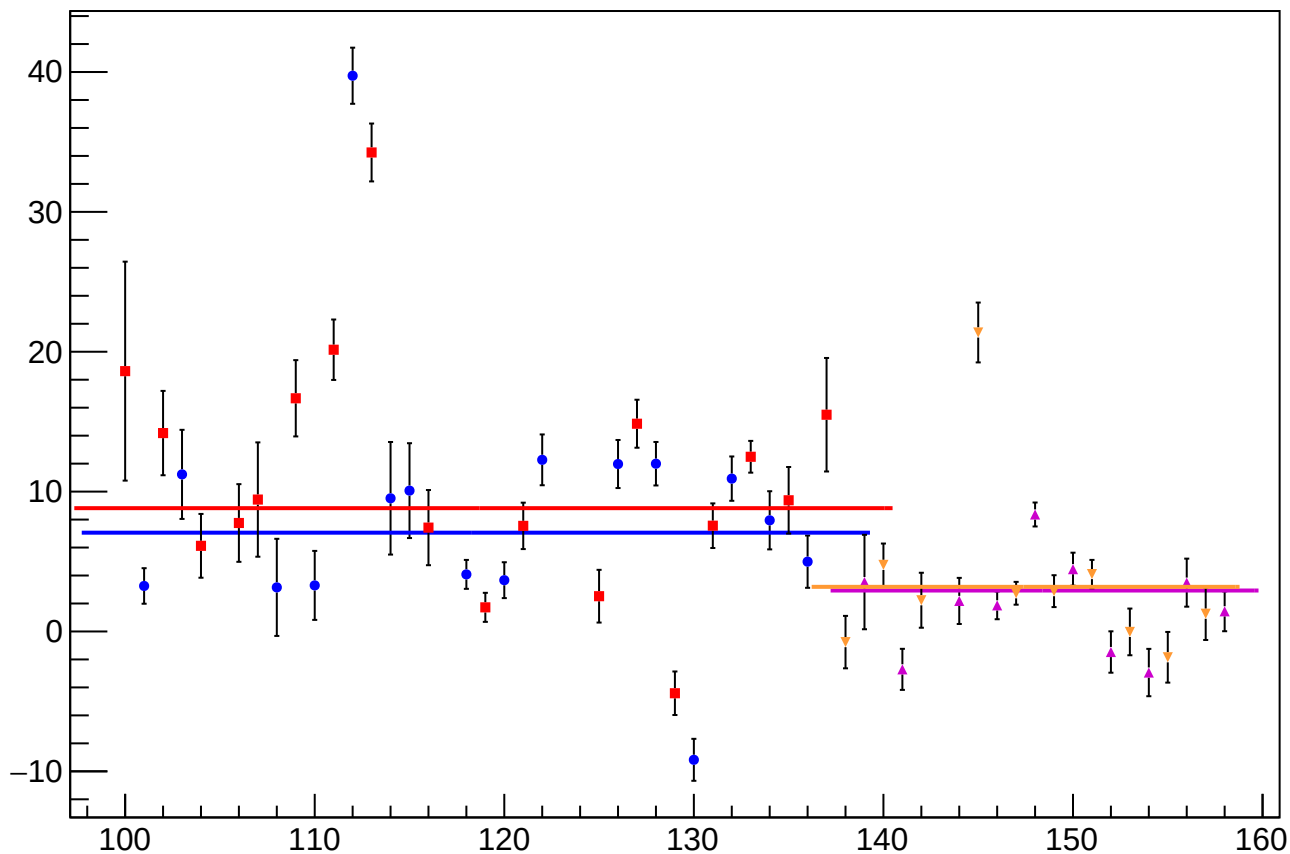
Left In: -81.975 $\pm$ 0.630 χ^2 /NDF:337.2/9

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

All: -82.617 $\pm$ 0.457 χ^2 /NDF: 902.6/19

- 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 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 3.191 ± 0.431 $\chi^2/\text{NDF}: 91.7/9$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

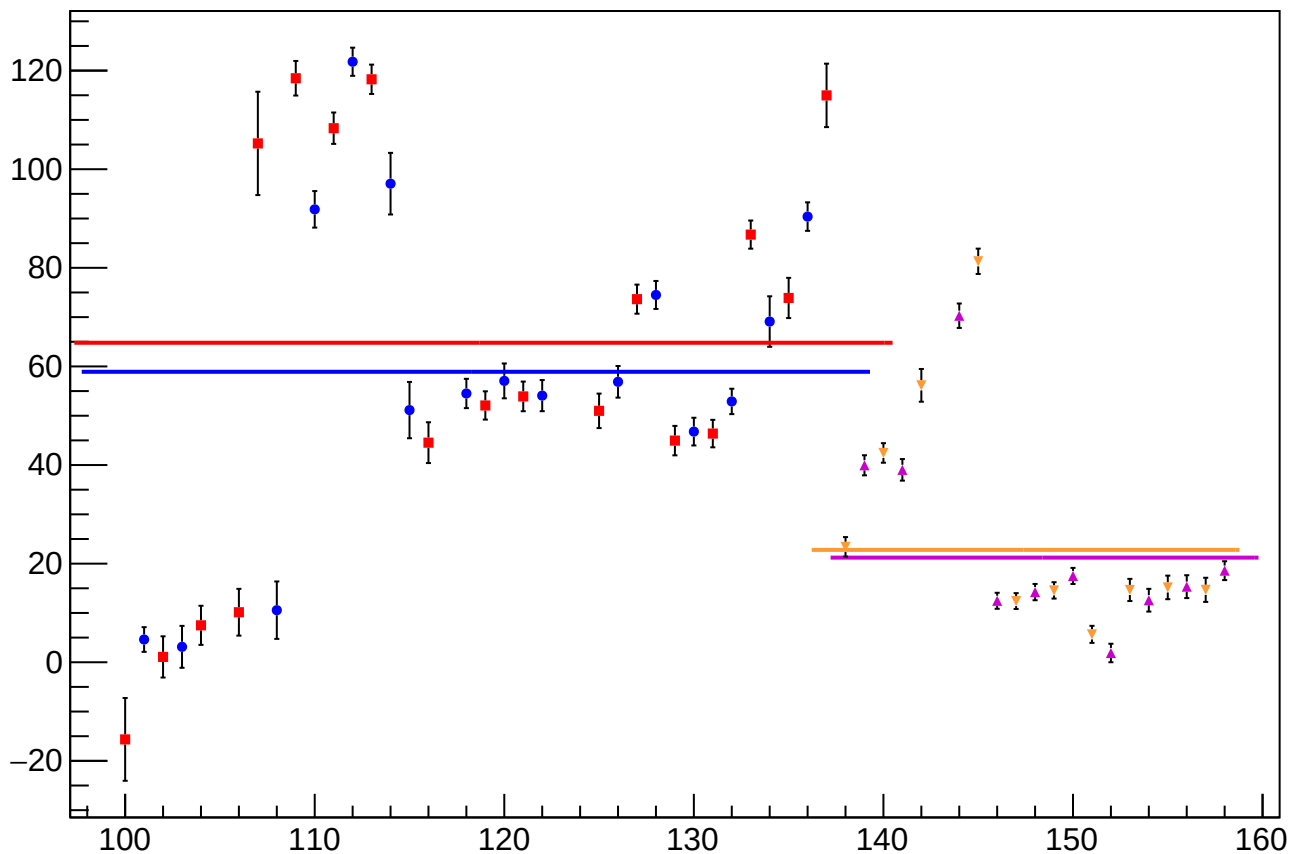
Left In: 2.928 ± 0.420 $\chi^2/\text{NDF}: 80.1/9$

+ sign 5.115 ± 0.306 $\chi^2/\text{NDF}: 578.7/25$

All: 5.395 ± 0.217 $\chi^2/\text{NDF}: 1102.5/53$

- sign 5.678 ± 0.307 $\chi^2/\text{NDF}: 522.2/27$

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 ± 0.831 χ^2/NDF : 1496.7/15

Left Out: 22.792 ± 0.649 χ^2/NDF : 917.2/9

Right Out: 64.803 ± 0.840 χ^2/NDF : 1718.2/17

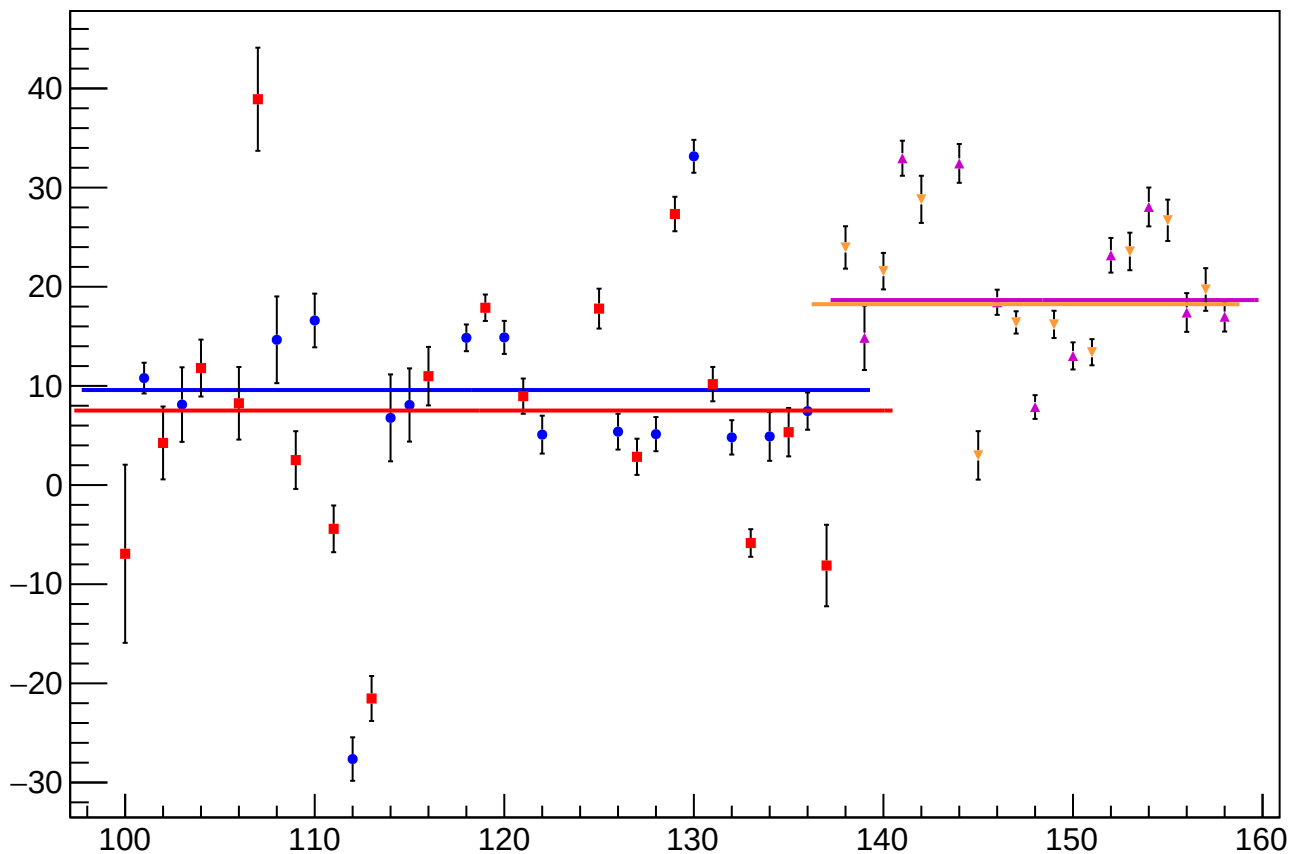
Left In: 21.222 ± 0.613 χ^2/NDF : 723.4/9

+ sign 36.460 ± 0.511 χ^2/NDF : 3587.1/25

All: 36.402 ± 0.356 χ^2/NDF : 7785.3/53

- sign 36.347 ± 0.495 χ^2/NDF : 4198.1/27

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 18.239 ± 0.536 $\chi^2/\text{NDF}: 112.3/9$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

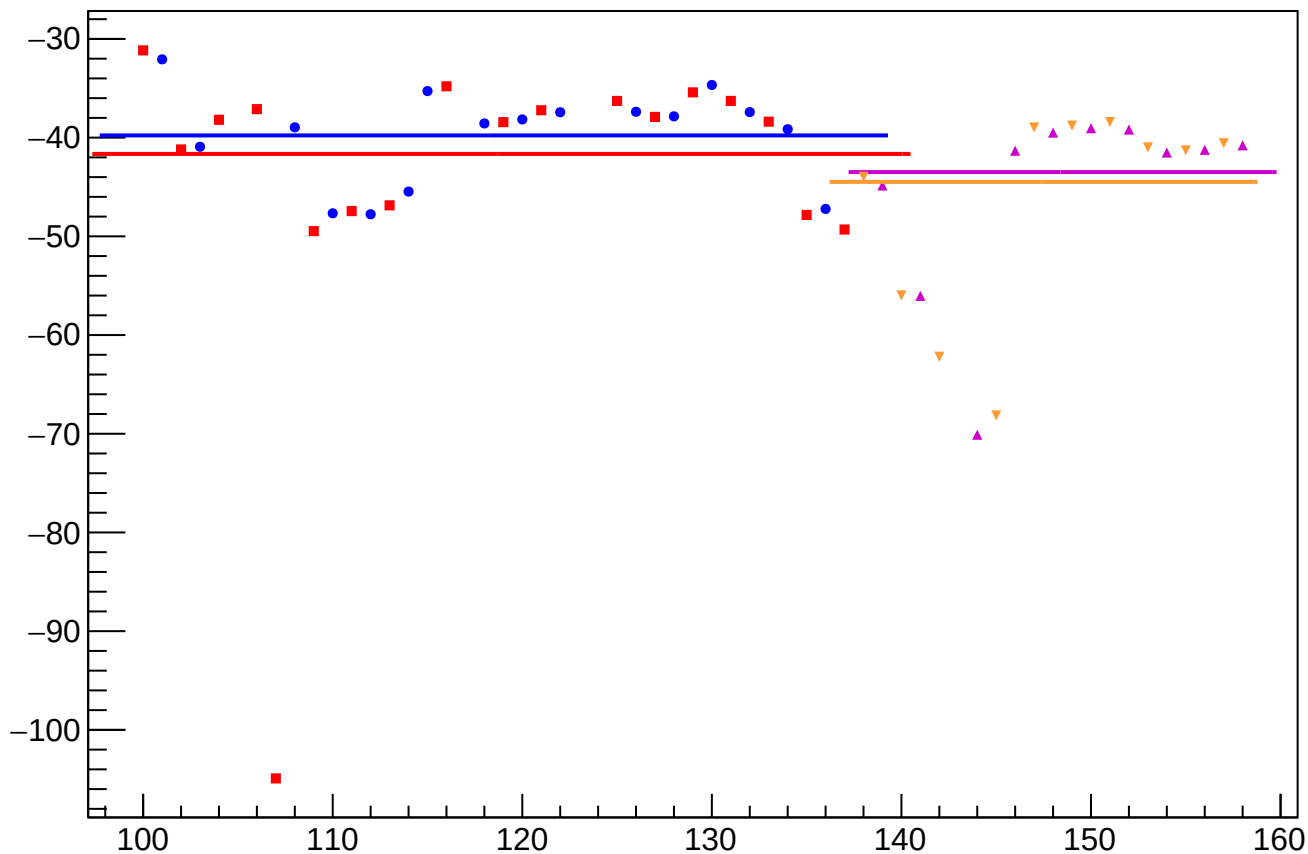
Left In: 18.656 ± 0.511 $\chi^2/\text{NDF}: 246.3/9$

+ sign 13.619 ± 0.366 $\chi^2/\text{NDF}: 805.8/25$

All: 13.374 ± 0.258 $\chi^2/\text{NDF}: 1858.1/53$

- sign 13.133 ± 0.363 $\chi^2/\text{NDF}: 1051.4/27$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -44.483 ± 0.026 χ^2/NDF : 113189.8/9

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

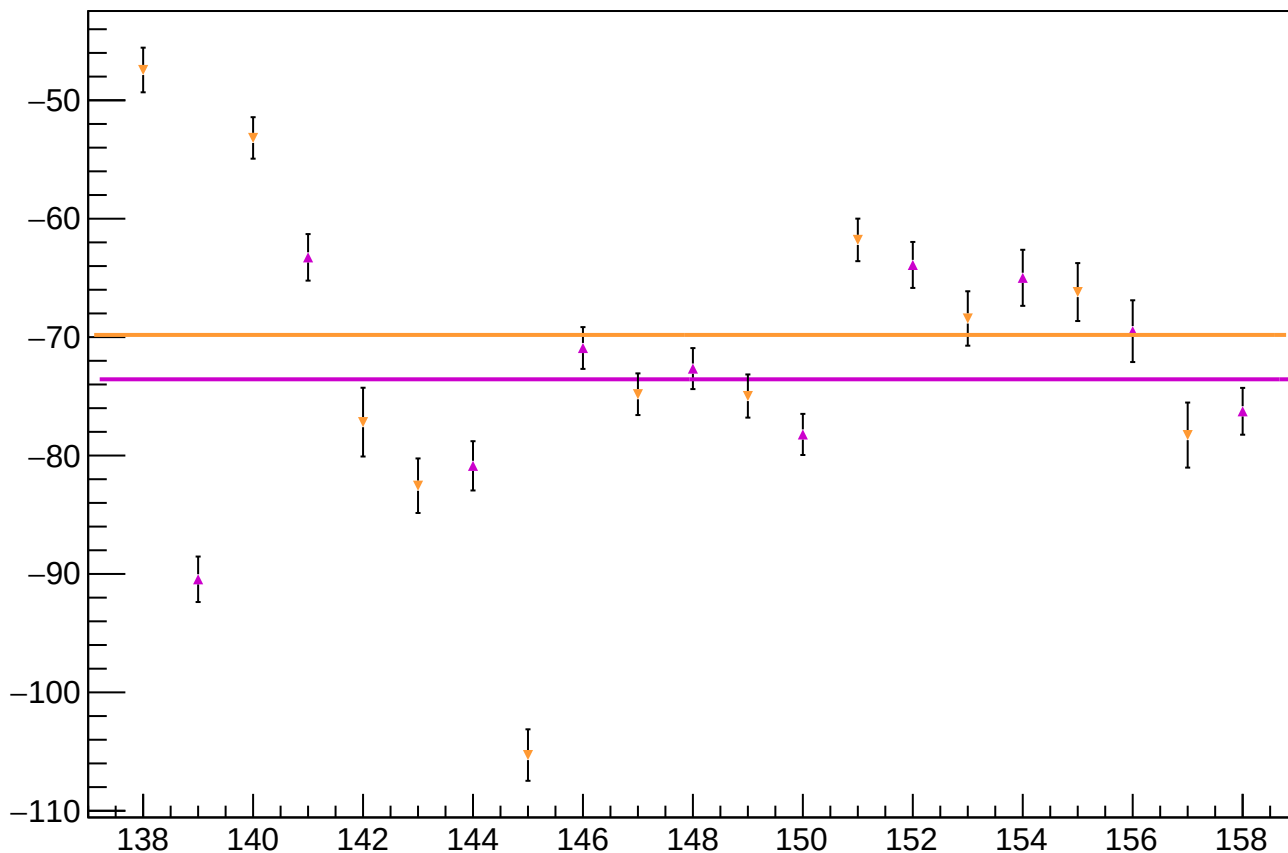
Left In: -43.488 ± 0.024 χ^2/NDF : 94731.5/9

+ sign -42.517 ± 0.020 χ^2/NDF : 152708.0/25

All: -42.664 ± 0.014 χ^2/NDF : 344163.1/53

- sign -42.797 ± 0.019 χ^2/NDF : 191353.1/27

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.815+/-0.626 χ^2/NDF : 582.5/10

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

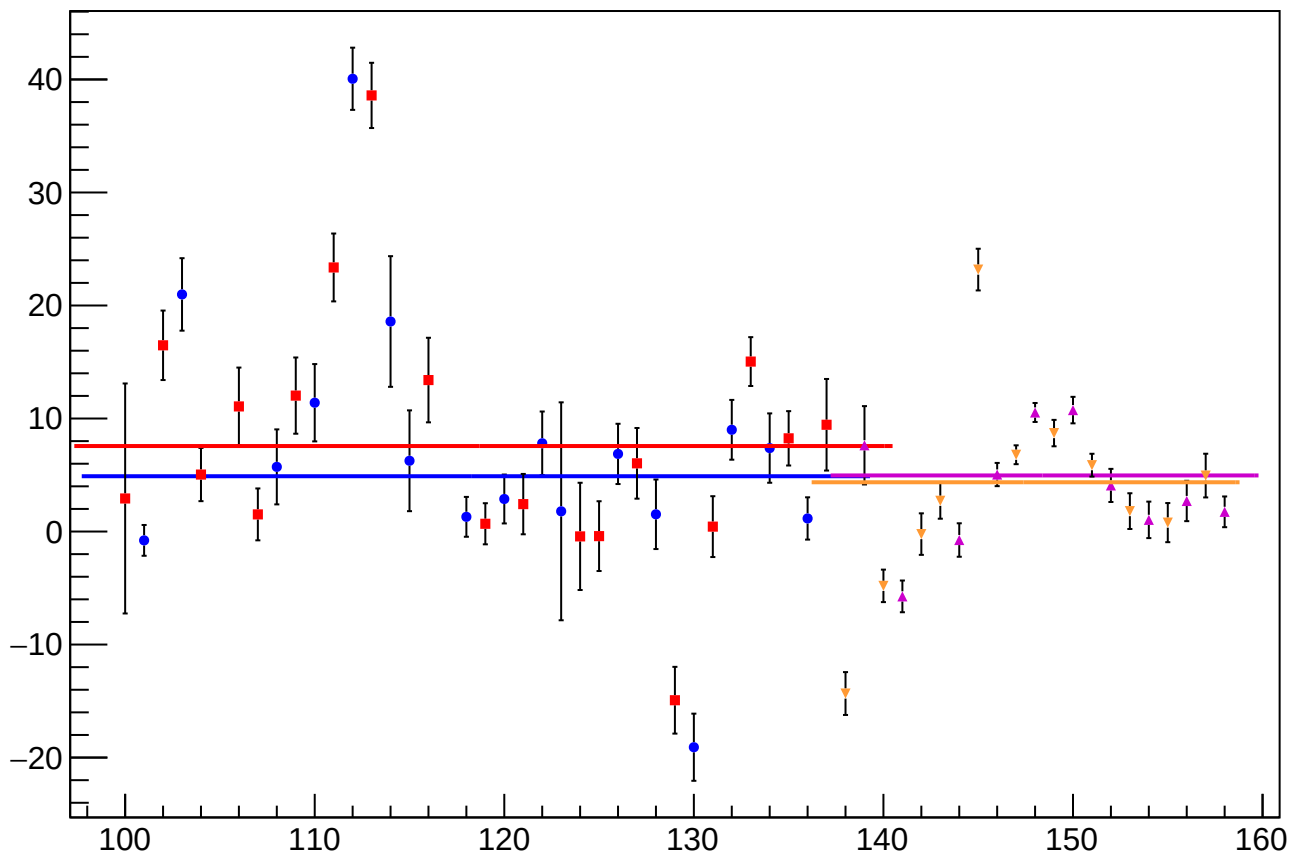
Left In: -73.563+/-0.621 χ^2/NDF : 169.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.705+/-0.441 χ^2/NDF : 769.6/20

- 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: 4.359 ± 0.412 χ^2/NDF : 280.8/10

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

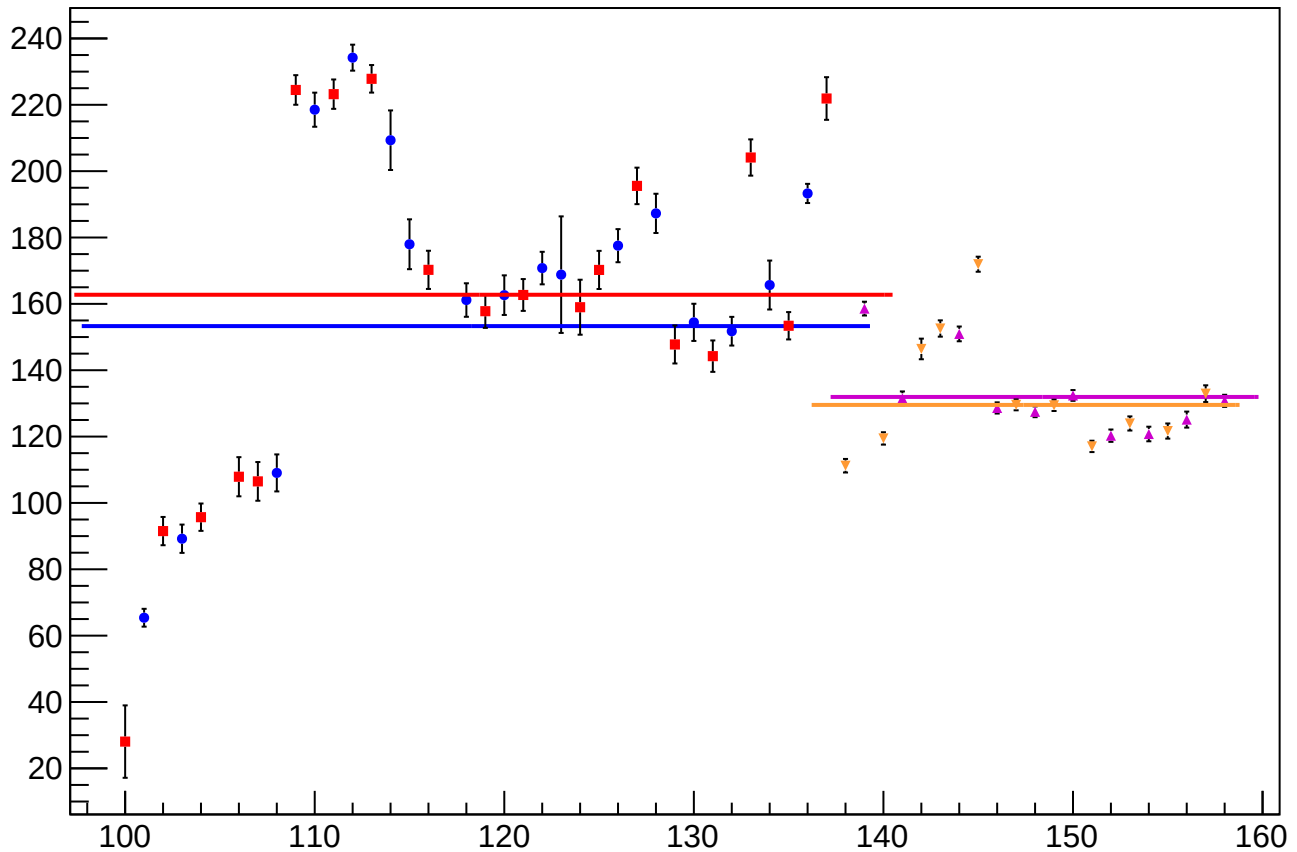
Left In: 4.963 ± 0.414 χ^2/NDF : 155.5/9

+ sign 4.522 ± 0.343 χ^2/NDF : 576.7/27

All: 5.106 ± 0.245 χ^2/NDF : 1019.7/56

- sign 5.710 ± 0.349 χ^2/NDF : 437.1/28

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 129.542 $\pm$ 0.619 χ^2 /NDF: 649.8/10

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

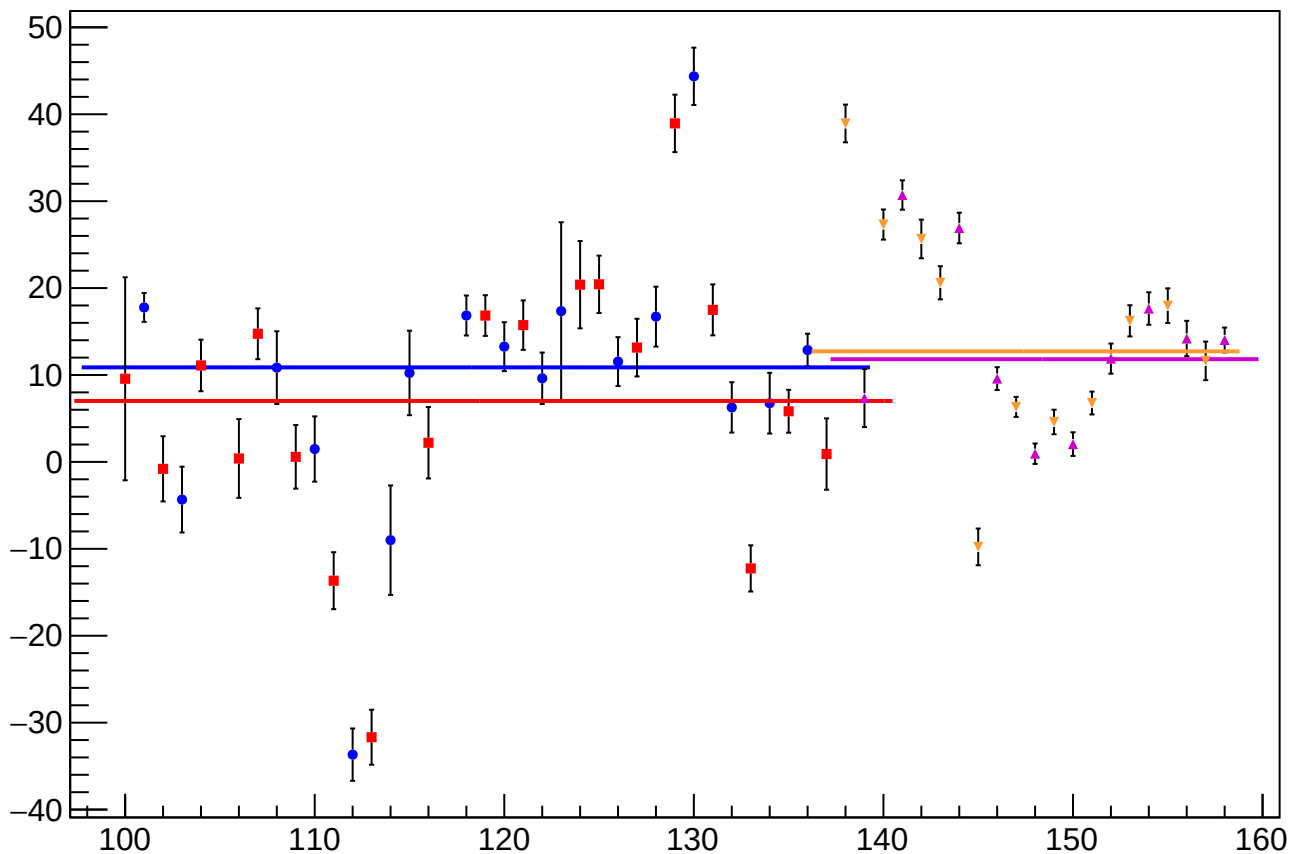
Left In: 131.947 $\pm$ 0.604 χ^2 /NDF: 322.2/9

+ sign 134.911 $\pm$ 0.544 χ^2 /NDF: 3249.9/27

All: 136.663 $\pm$ 0.382 χ^2 /NDF: 5843.5/56

- sign 138.372 $\pm$ 0.537 χ^2 /NDF: 2573.2/28

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 12.720 $\pm$ 0.510 χ^2 /NDF: 476.7/10

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

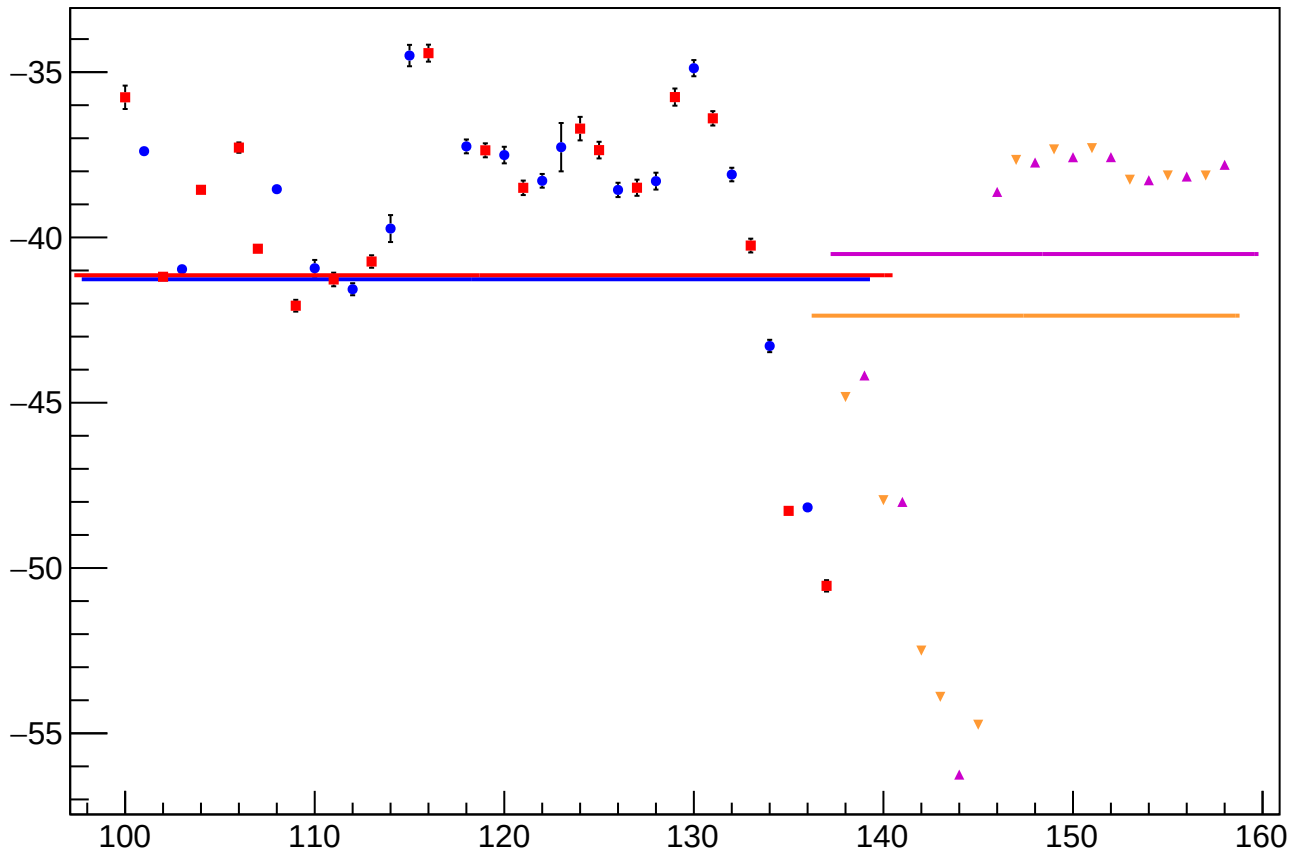
Left In: 11.821 $\pm$ 0.503 χ^2 /NDF: 354.6/9

+ sign 12.098 $\pm$ 0.415 χ^2 /NDF: 869.1/27

All: 11.217 $\pm$ 0.294 χ^2 /NDF: 1685.9/56

- sign 10.326 $\pm$ 0.417 χ^2 /NDF: 807.6/28

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -42.366 ± 0.025 $\chi^2/\text{NDF}: 66123.9/10$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

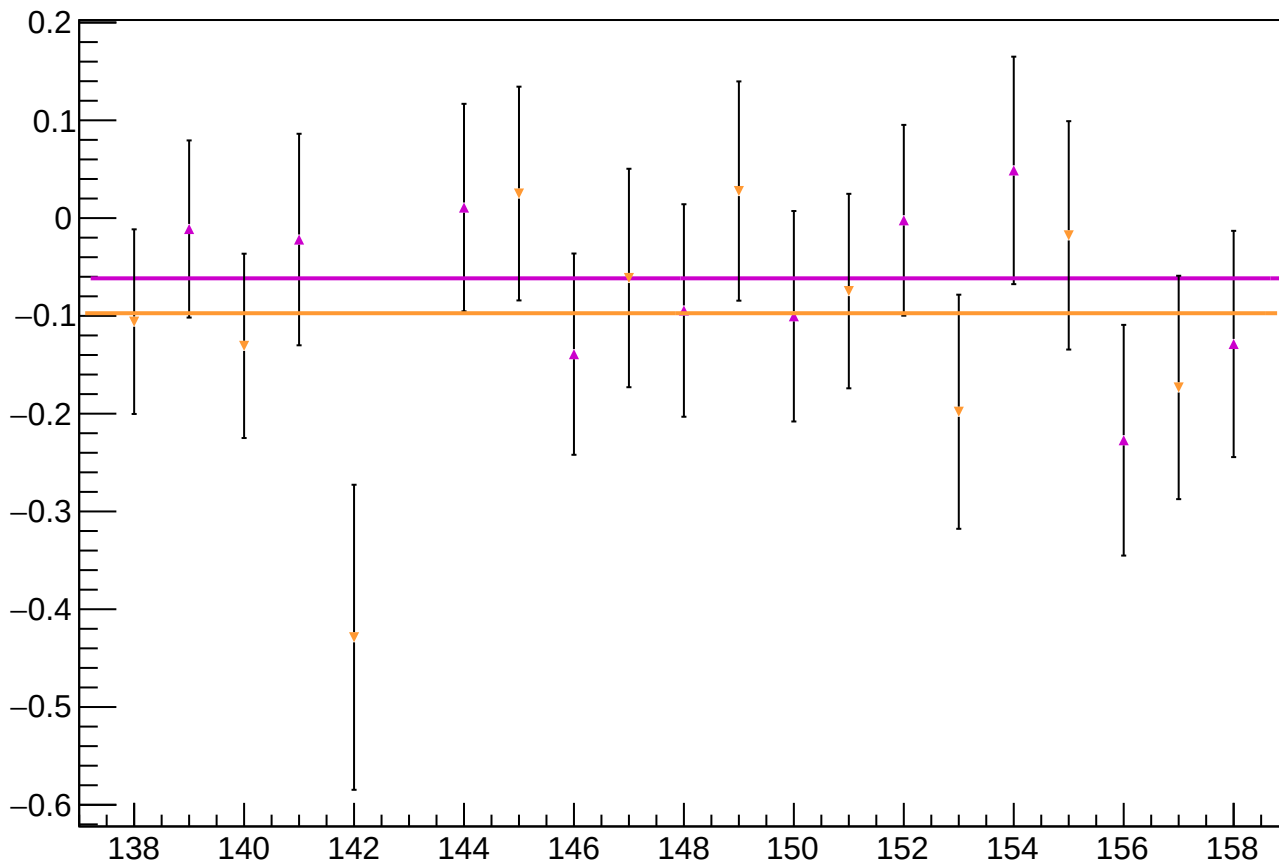
Left In: -40.502 ± 0.024 $\chi^2/\text{NDF}: 45447.8/9$

+ sign -42.039 ± 0.021 $\chi^2/\text{NDF}: 79268.7/27$

All: -41.337 ± 0.015 $\chi^2/\text{NDF}: 139298.2/56$

- sign -40.680 ± 0.020 $\chi^2/\text{NDF}: 57866.0/28$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.097+/-0.035 χ^2/NDF : 8.9/9

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

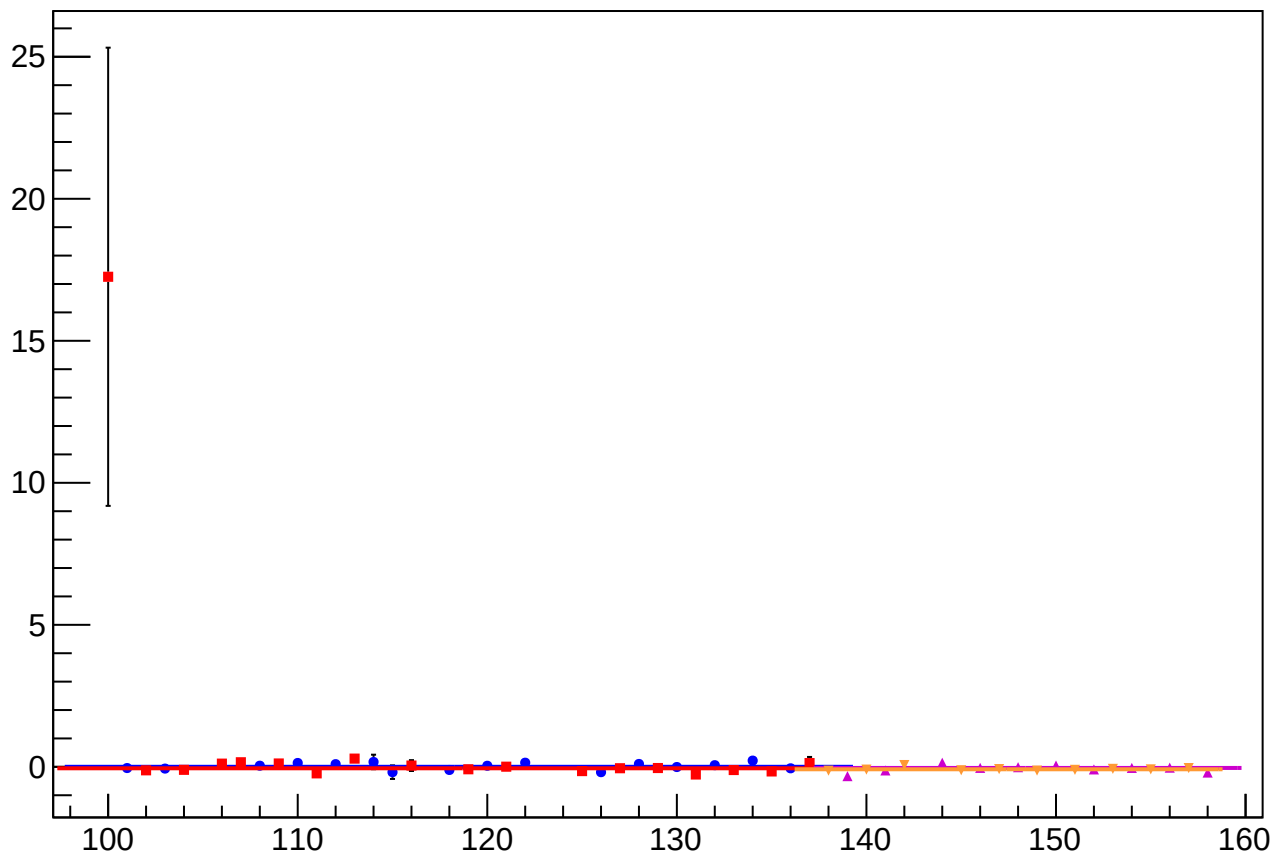
Left In: -0.062+/-0.034 χ^2/NDF : 5.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.079+/-0.024 χ^2/NDF : 14.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.086 ± 0.024 χ^2/NDF : 3.5/9

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

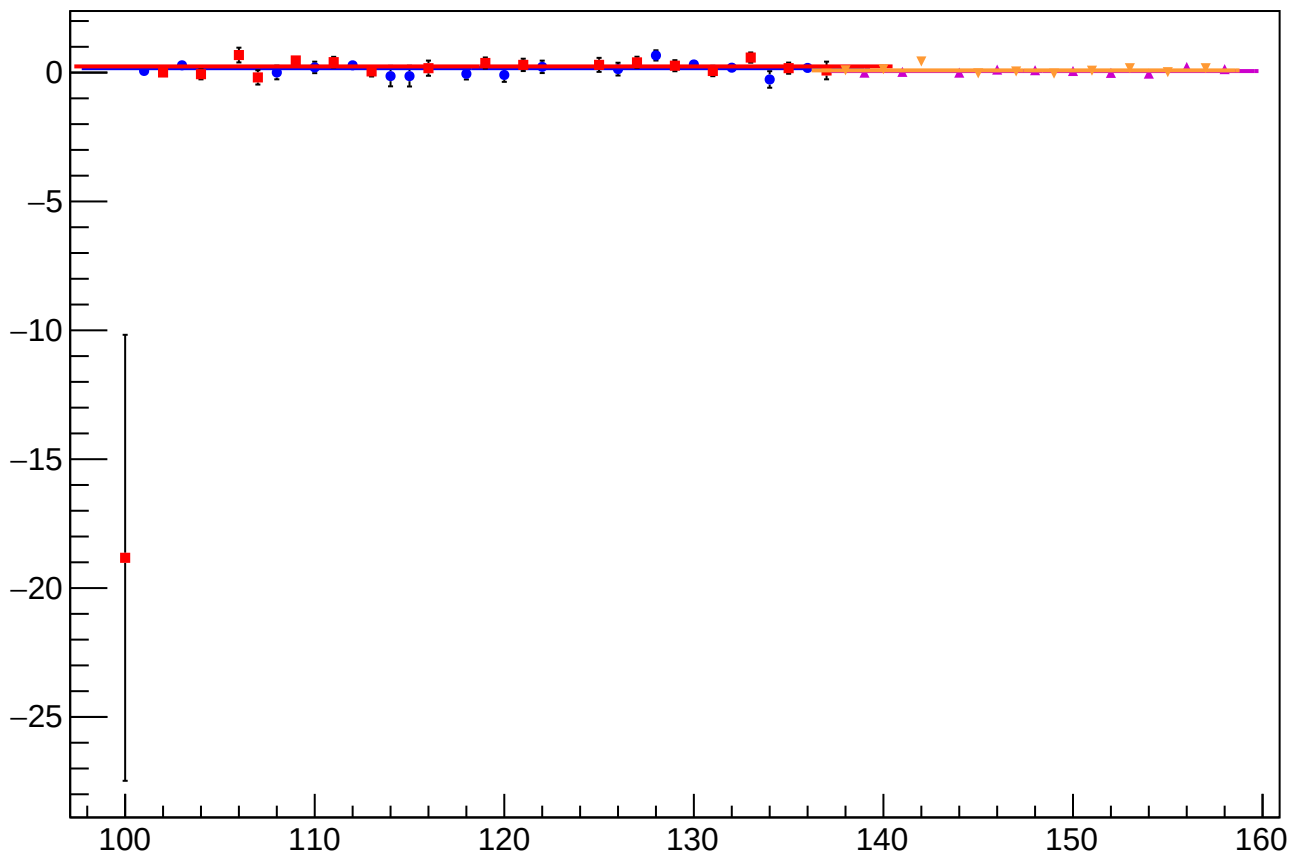
Left In: -0.039 ± 0.023 χ^2/NDF : 16.4/9

+ sign -0.050 ± 0.018 χ^2/NDF : 21.7/25

All: -0.047 ± 0.013 χ^2/NDF : 64.1/53

- sign -0.044 ± 0.018 χ^2/NDF : 42.3/27

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.085 $\pm$ 0.034 χ^2 /NDF: 8.7/9

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

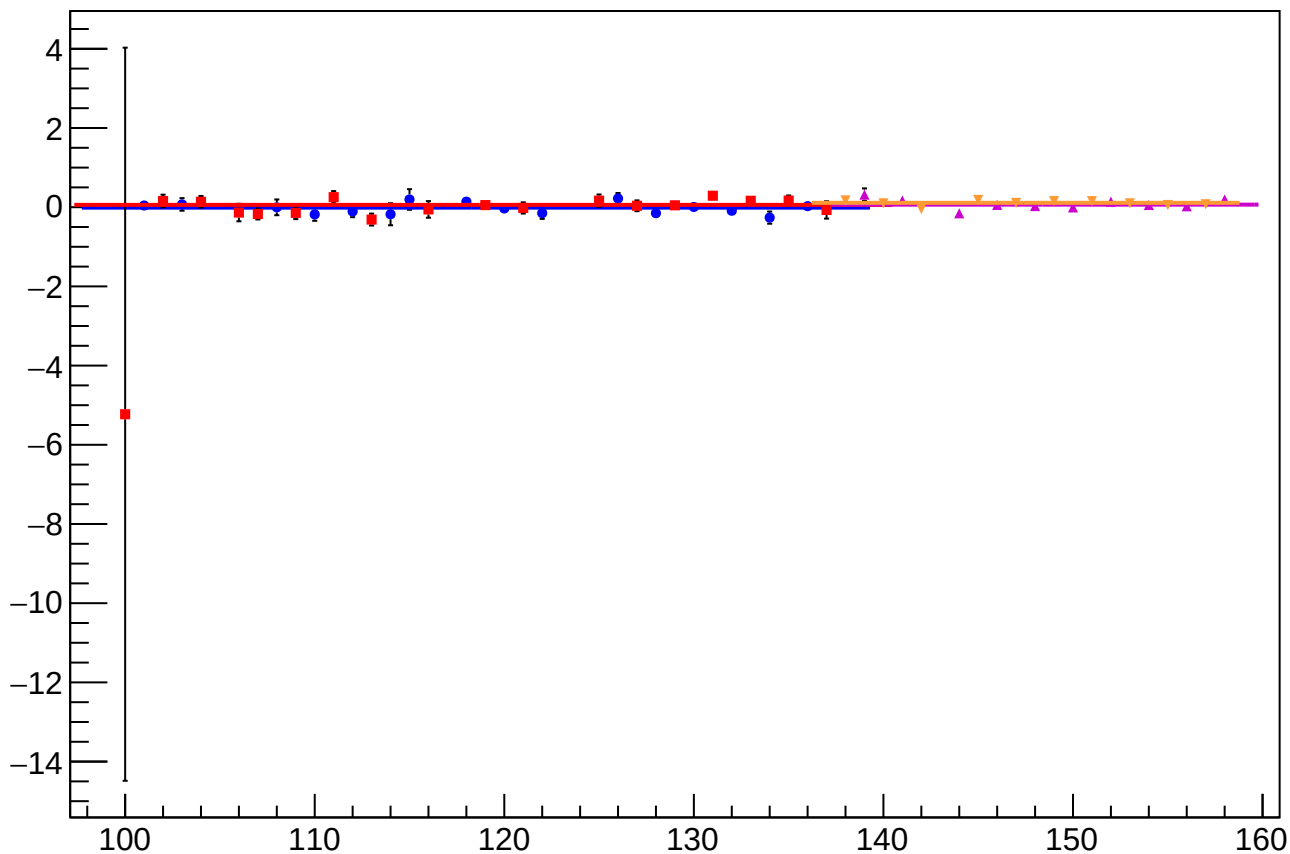
Left In: 0.058 $\pm$ 0.033 χ^2 /NDF: 5.2/9

+ sign 0.111 $\pm$ 0.029 χ^2 /NDF: 24.3/25

All: 0.109 $\pm$ 0.020 χ^2 /NDF: 59.5/53

- sign 0.107 $\pm$ 0.028 χ^2 /NDF: 35.2/27

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.110 ± 0.029 χ^2/NDF : 3.6/9

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

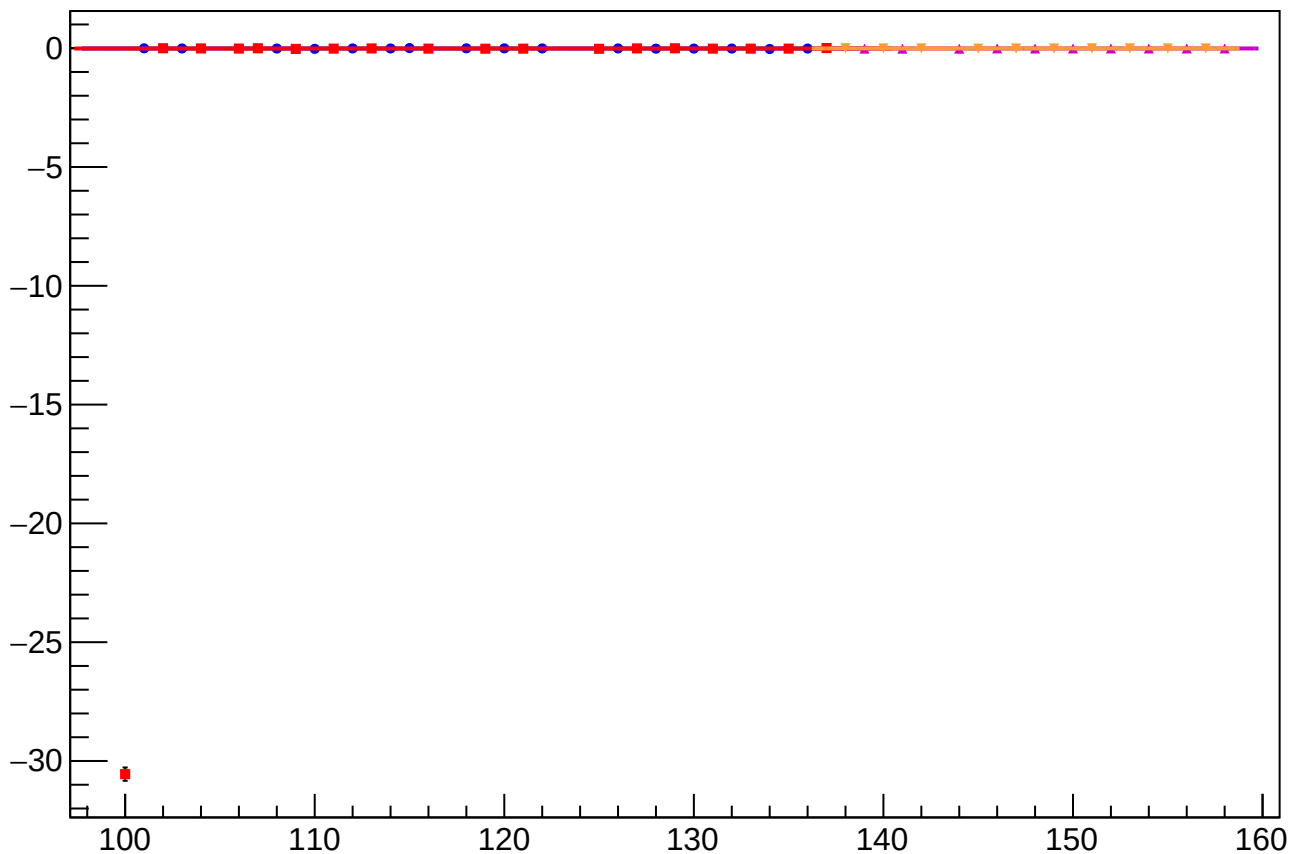
Left In: 0.064 ± 0.028 χ^2/NDF : 14.0/9

+ sign 0.057 ± 0.022 χ^2/NDF : 25.1/25

All: 0.059 ± 0.015 χ^2/NDF : 59.8/53

- sign 0.062 ± 0.022 χ^2/NDF : 34.6/27

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 8.2/9

Right Out: -0.012 ± 0.002 χ^2/NDF : 11891.5/17

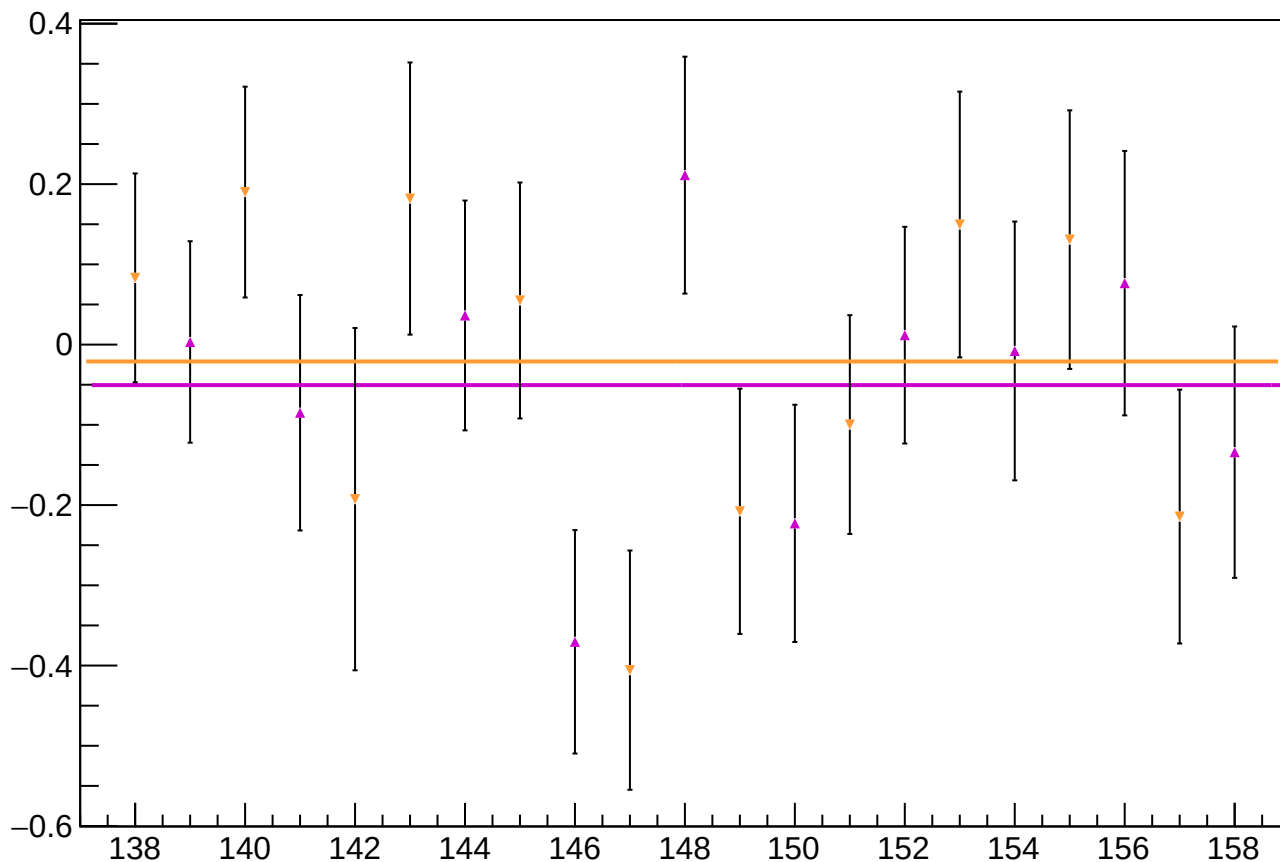
Left In: -0.011 ± 0.001 χ^2/NDF : 9.6/9

+ sign -0.010 ± 0.001 χ^2/NDF : 22.9/25

All: -0.011 ± 0.001 χ^2/NDF : 11925.5/53

- sign -0.012 ± 0.001 χ^2/NDF : 11901.3/27

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.021 $\pm$ 0.046 χ^2 /NDF:17.5/10

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

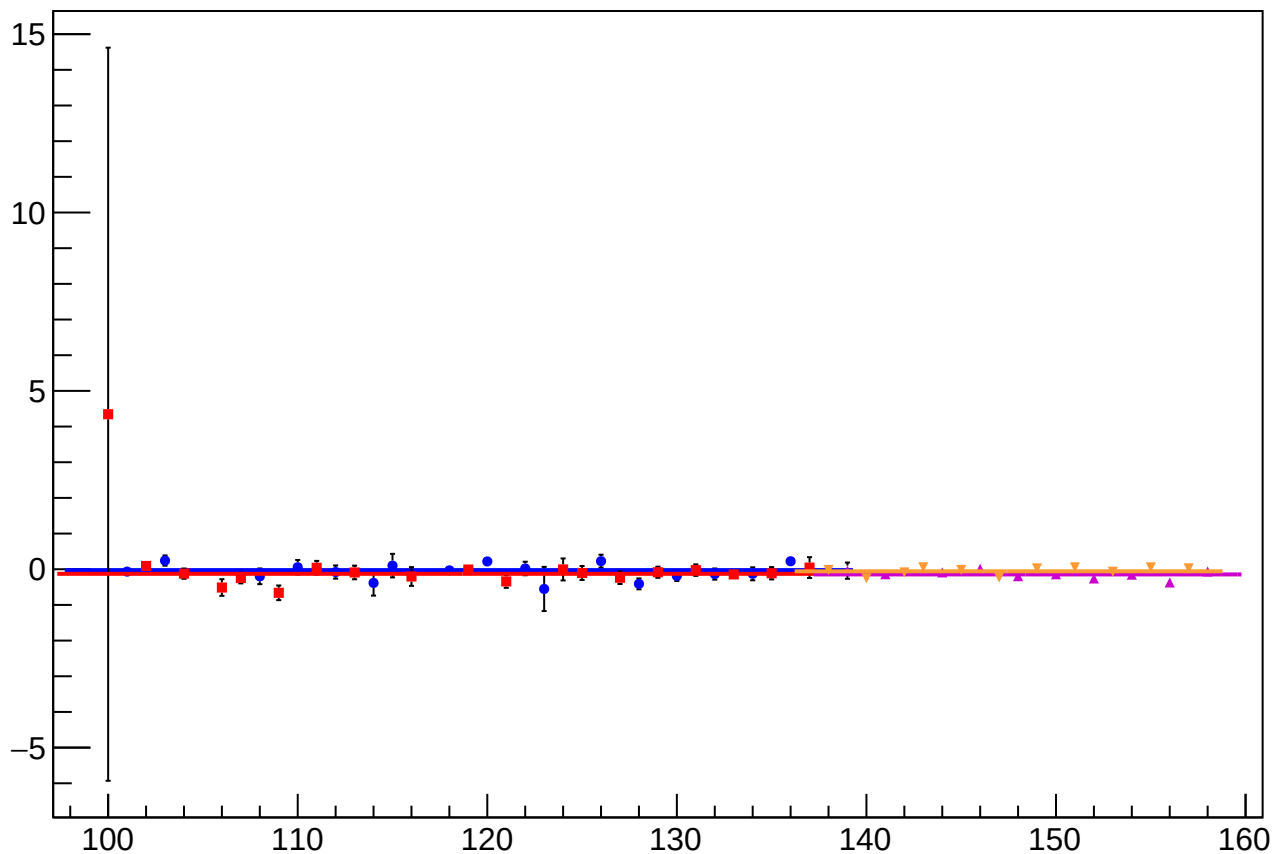
Left In: -0.050 $\pm$ 0.046 χ^2 /NDF:11.5/9

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

All: -0.036 $\pm$ 0.032 χ^2 /NDF: 29.2/20

- 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: -0.058 ± 0.031 χ^2/NDF : 14.7/10

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

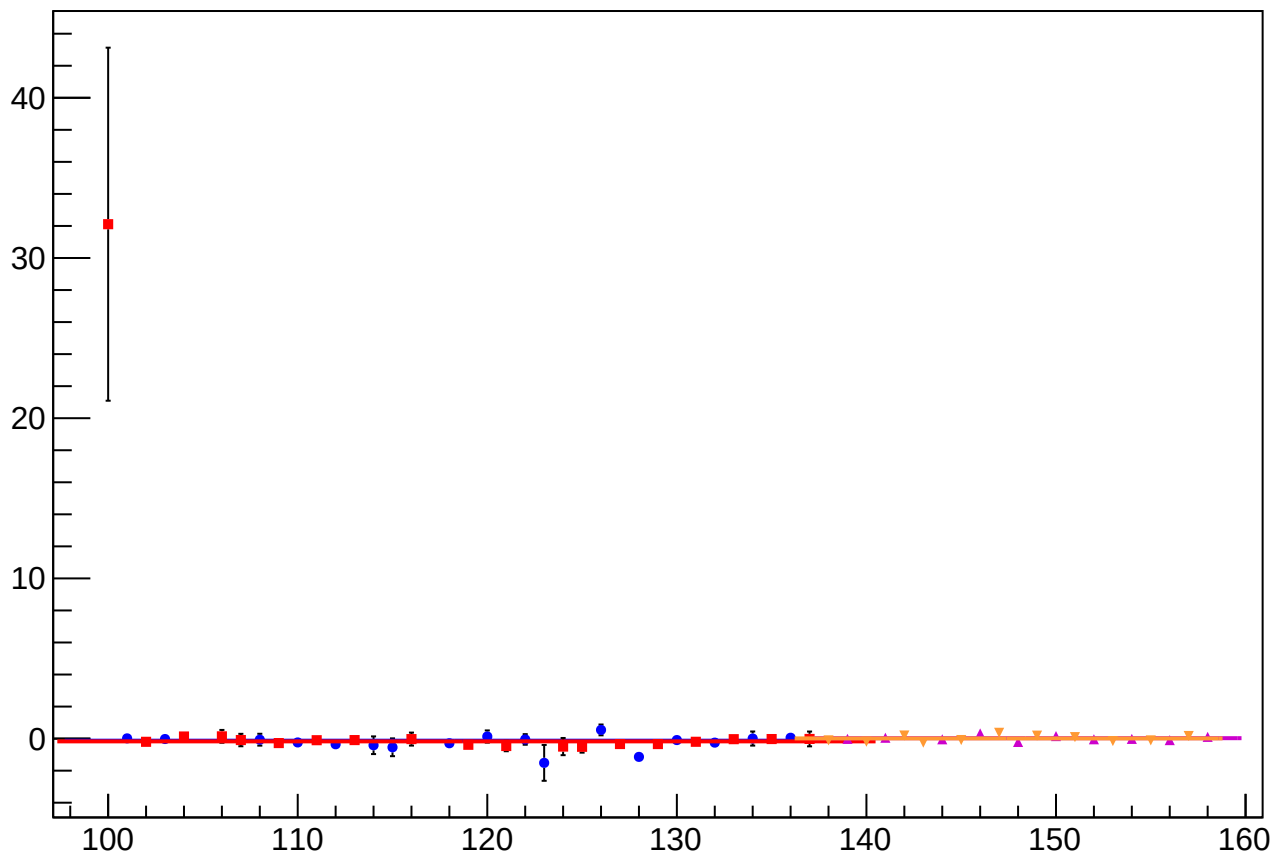
Left In: -0.145 ± 0.032 χ^2/NDF : 10.4/9

+ sign -0.044 ± 0.024 χ^2/NDF : 38.5/27

All: -0.089 ± 0.017 χ^2/NDF : 74.3/56

- sign -0.138 ± 0.025 χ^2/NDF : 28.1/28

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.013 ± 0.045 χ^2/NDF : 17.2/10

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

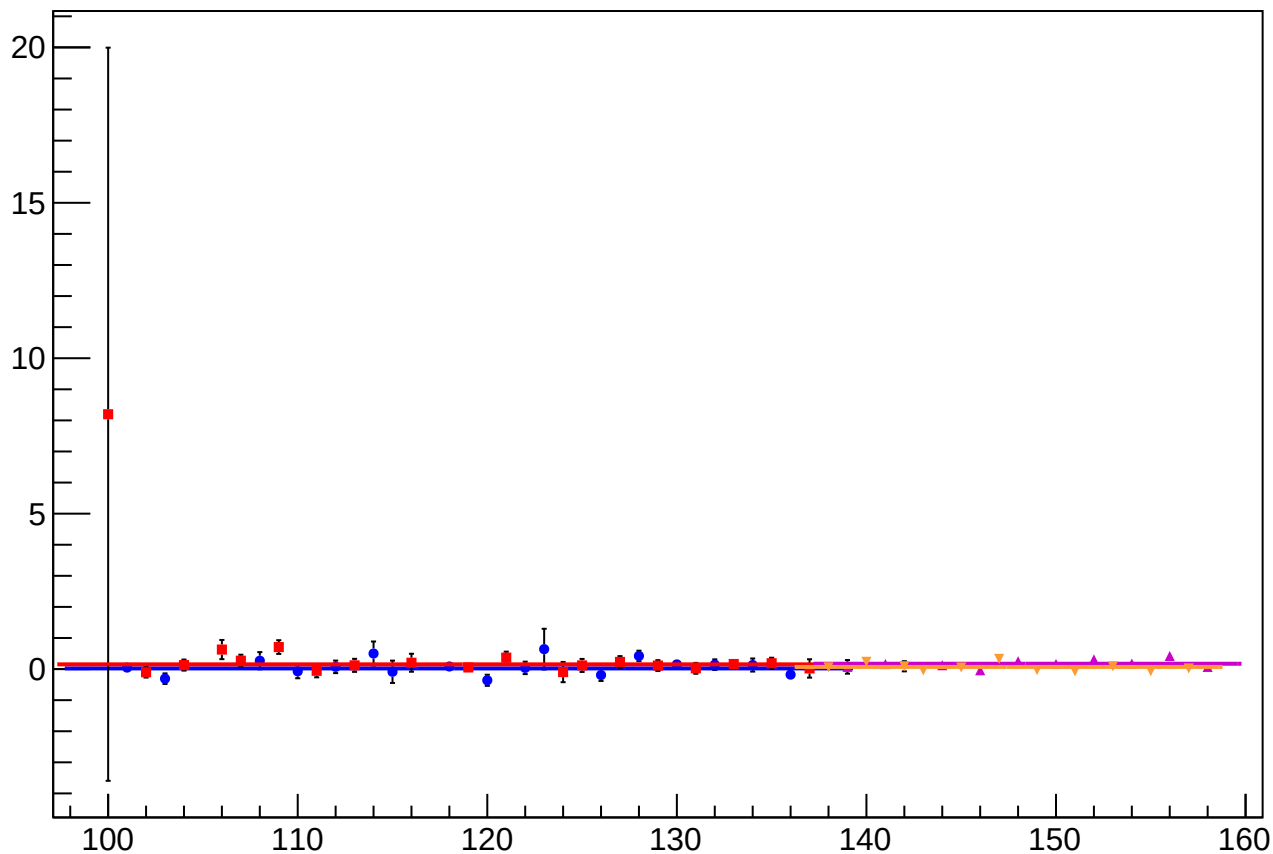
Left In: 0.027 ± 0.045 χ^2/NDF : 10.4/9

+ sign -0.032 ± 0.038 χ^2/NDF : 44.0/27

All: -0.031 ± 0.027 χ^2/NDF : 75.0/56

- sign -0.030 ± 0.038 χ^2/NDF : 31.0/28

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.069 ± 0.038 χ^2/NDF : 13.3/10

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

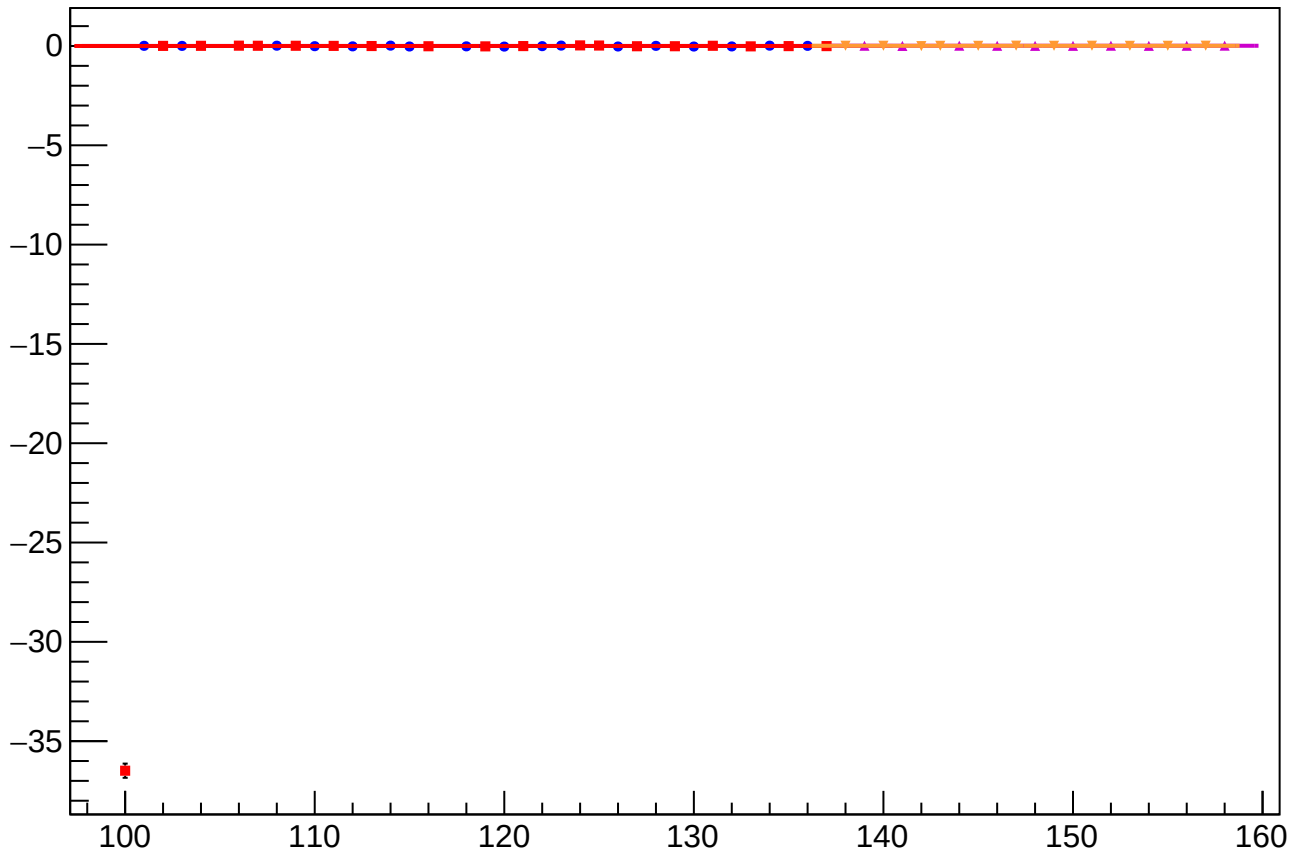
Left In: 0.172 ± 0.038 χ^2/NDF : 10.9/9

+ sign 0.047 ± 0.028 χ^2/NDF : 36.5/27

All: 0.103 ± 0.020 χ^2/NDF : 71.9/56

- sign 0.163 ± 0.029 χ^2/NDF : 27.3/28

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.4/10

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

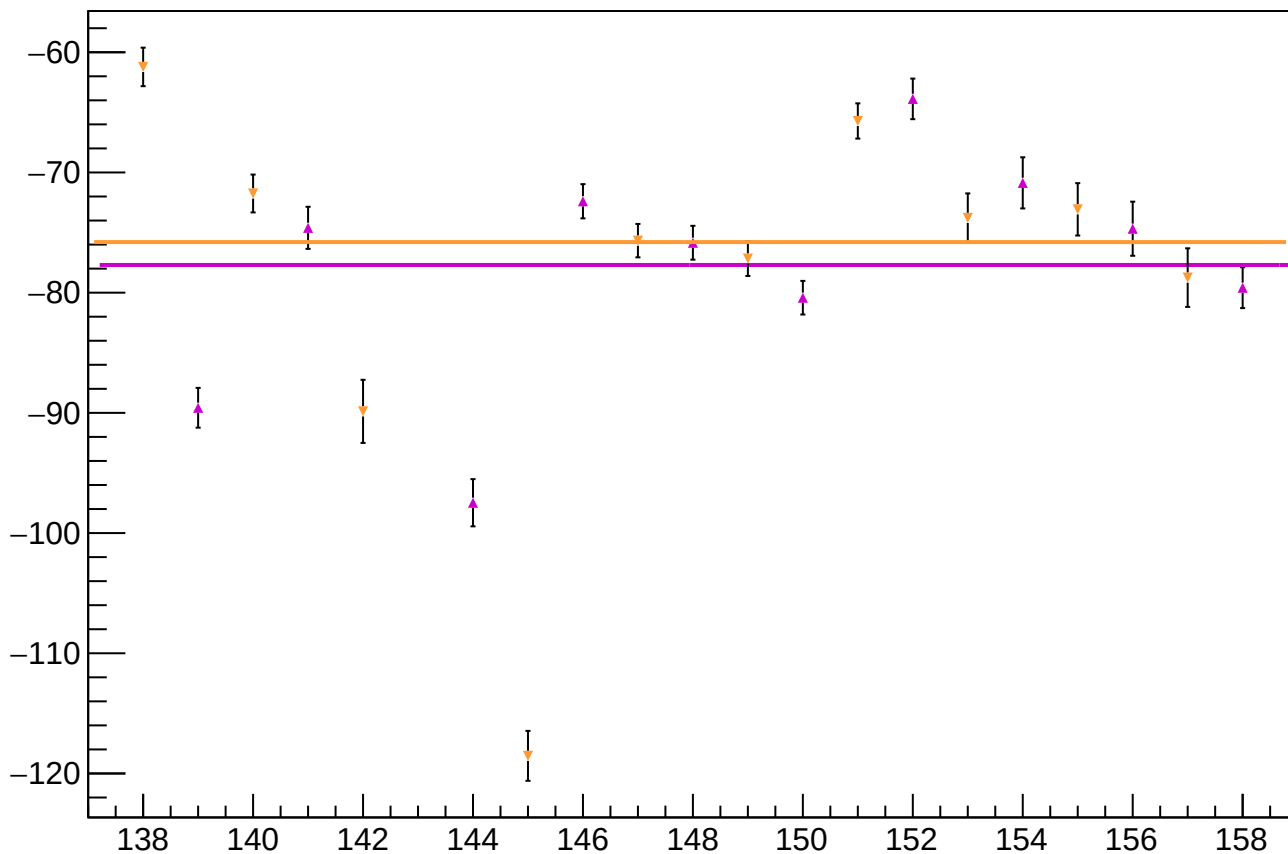
Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.8/9

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 48.6/27

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10515.7/56

- sign 0.007 $\pm$ 0.001 χ^2 /NDF: 10467.0/28

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.792+/-0.555 χ^2/NDF : 594.3/9

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

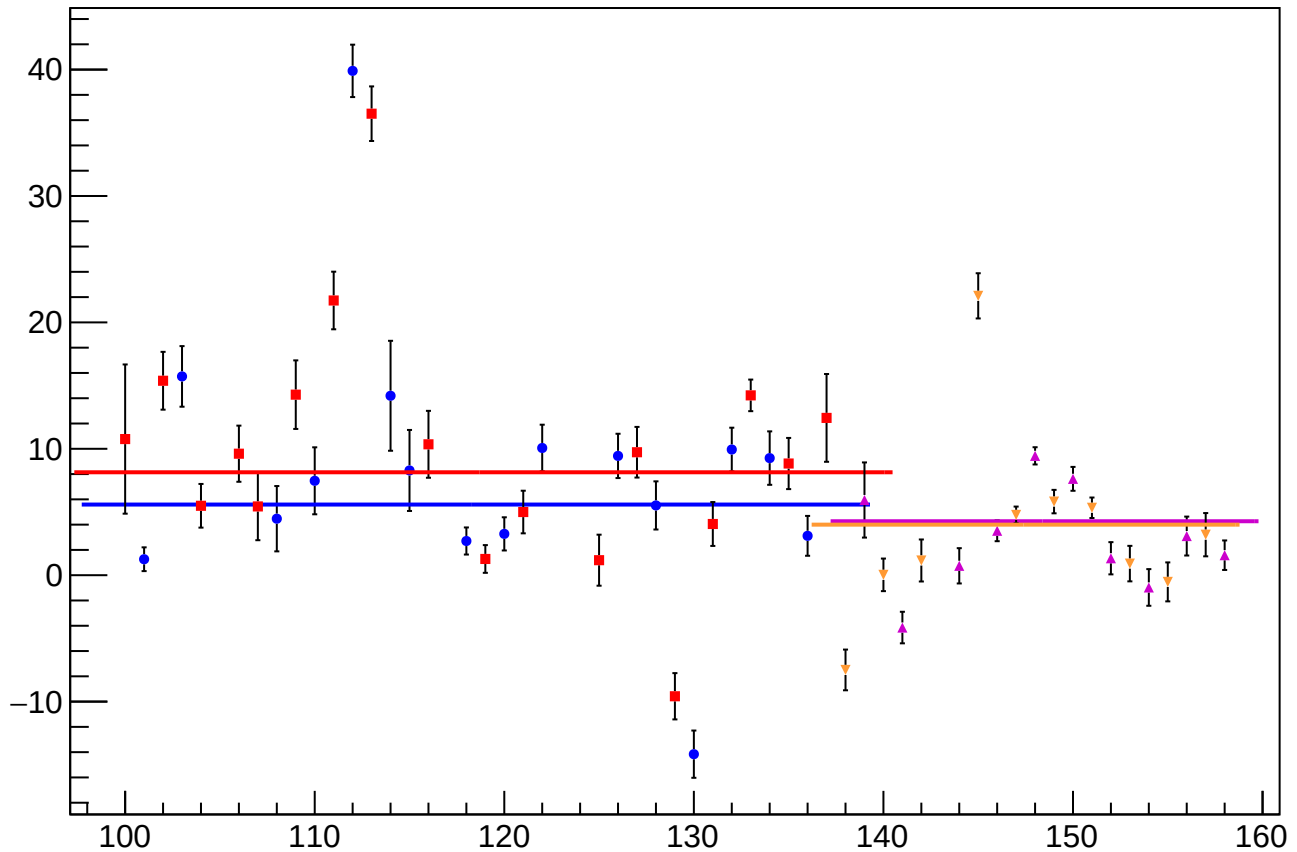
Left In: -77.697+/-0.529 χ^2/NDF : 255.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.790+/-0.383 χ^2/NDF : 856.4/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 3.999 ± 0.355 χ^2/NDF : 187.4/9

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

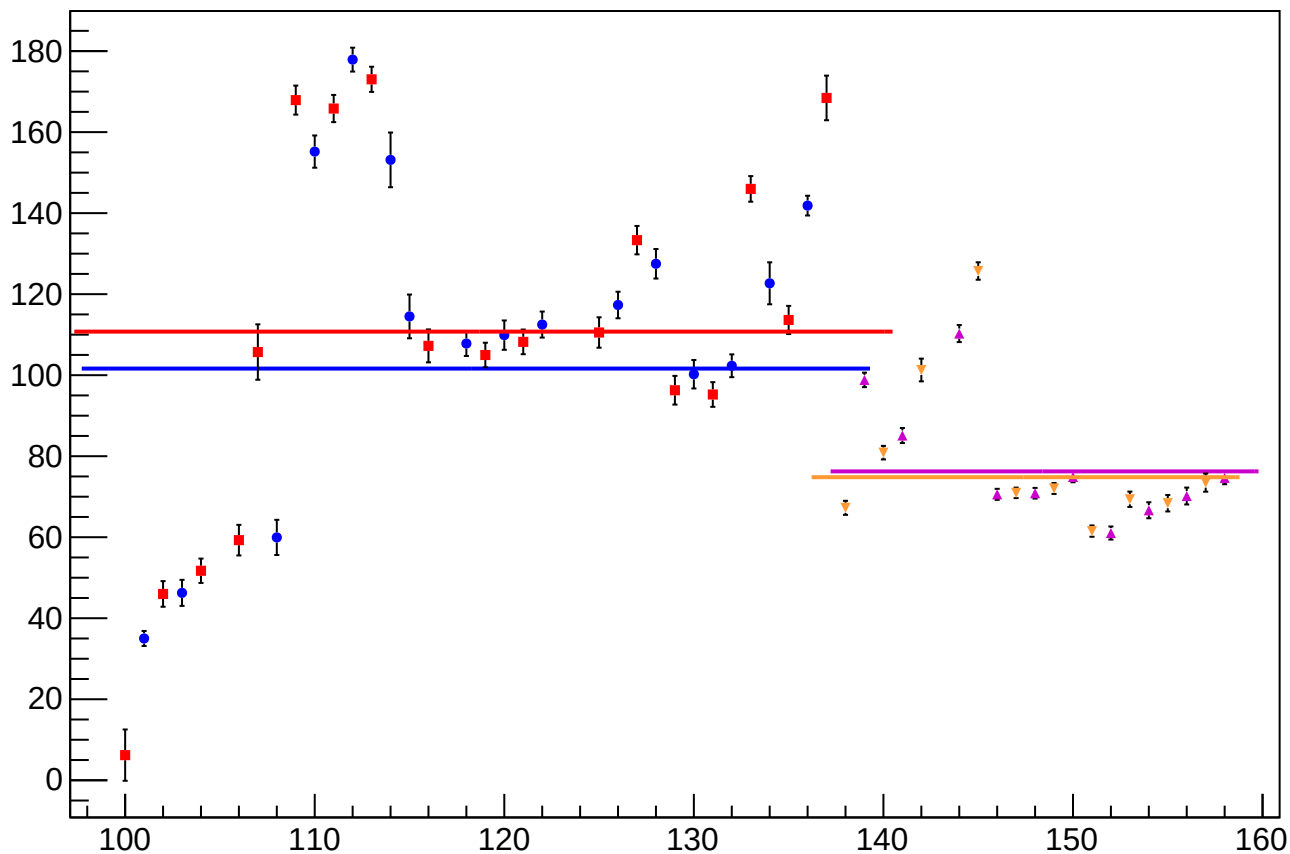
Left In: 4.269 ± 0.348 χ^2/NDF : 147.3/9

+ sign 4.656 ± 0.272 χ^2/NDF : 658.4/25

All: 5.173 ± 0.194 χ^2/NDF : 1266.6/53

- sign 5.704 ± 0.276 χ^2/NDF : 600.9/27

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631±/-0.807 χ^2/NDF : 2978.9/15

Left Out: 74.818±/-0.542 χ^2/NDF : 801.2/9

Right Out: 110.756±/-0.836 χ^2/NDF : 2513.0/17

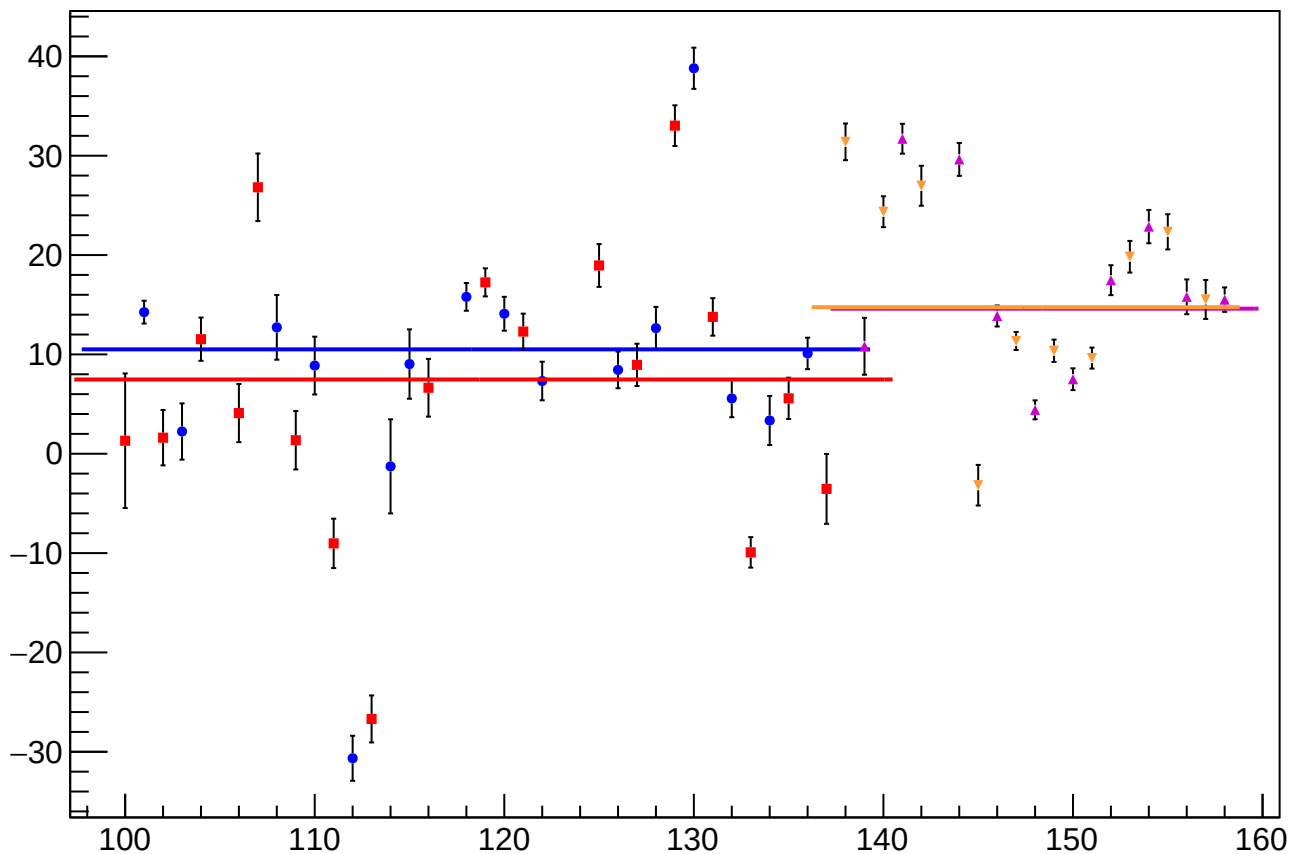
Left In: 76.252±/-0.513 χ^2/NDF : 600.6/9

+ sign 83.158±/-0.450 χ^2/NDF : 4540.7/25

All: 84.458±/-0.314 χ^2/NDF : 8907.7/53

- sign 85.684±/-0.437 χ^2/NDF : 4350.8/27

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 ± 0.492 $\chi^2/\text{NDF}: 581.5/15$

Left Out: 14.753 ± 0.444 $\chi^2/\text{NDF}: 314.6/9$

Right Out: 7.477 ± 0.524 $\chi^2/\text{NDF}: 689.3/17$

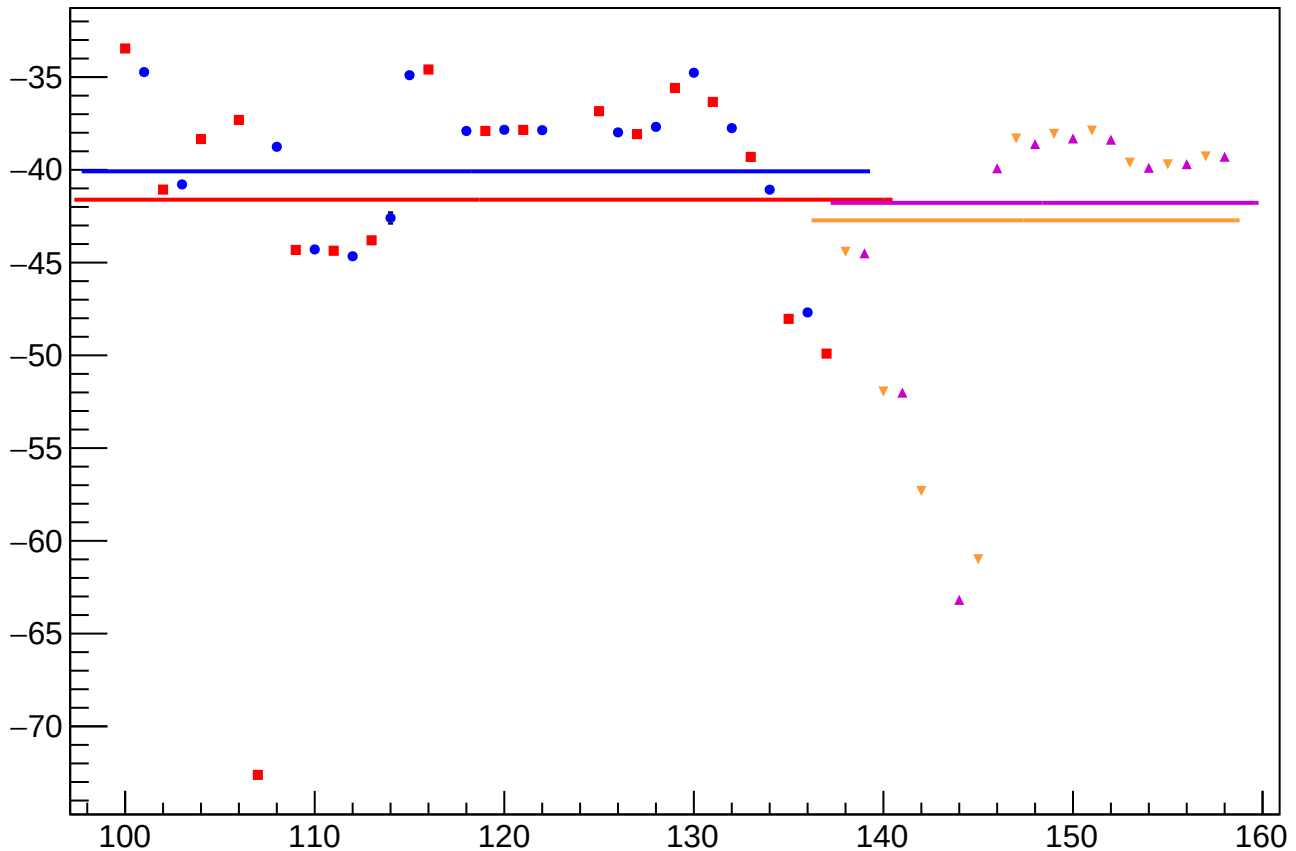
Left In: 14.604 ± 0.425 $\chi^2/\text{NDF}: 399.0/9$

+ sign 12.847 ± 0.330 $\chi^2/\text{NDF}: 937.1/25$

All: 12.312 ± 0.233 $\chi^2/\text{NDF}: 2142.3/53$

- sign 11.777 ± 0.330 $\chi^2/\text{NDF}: 1199.9/27$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -42.722 ± 0.022 χ^2/NDF : 102849.8/9

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

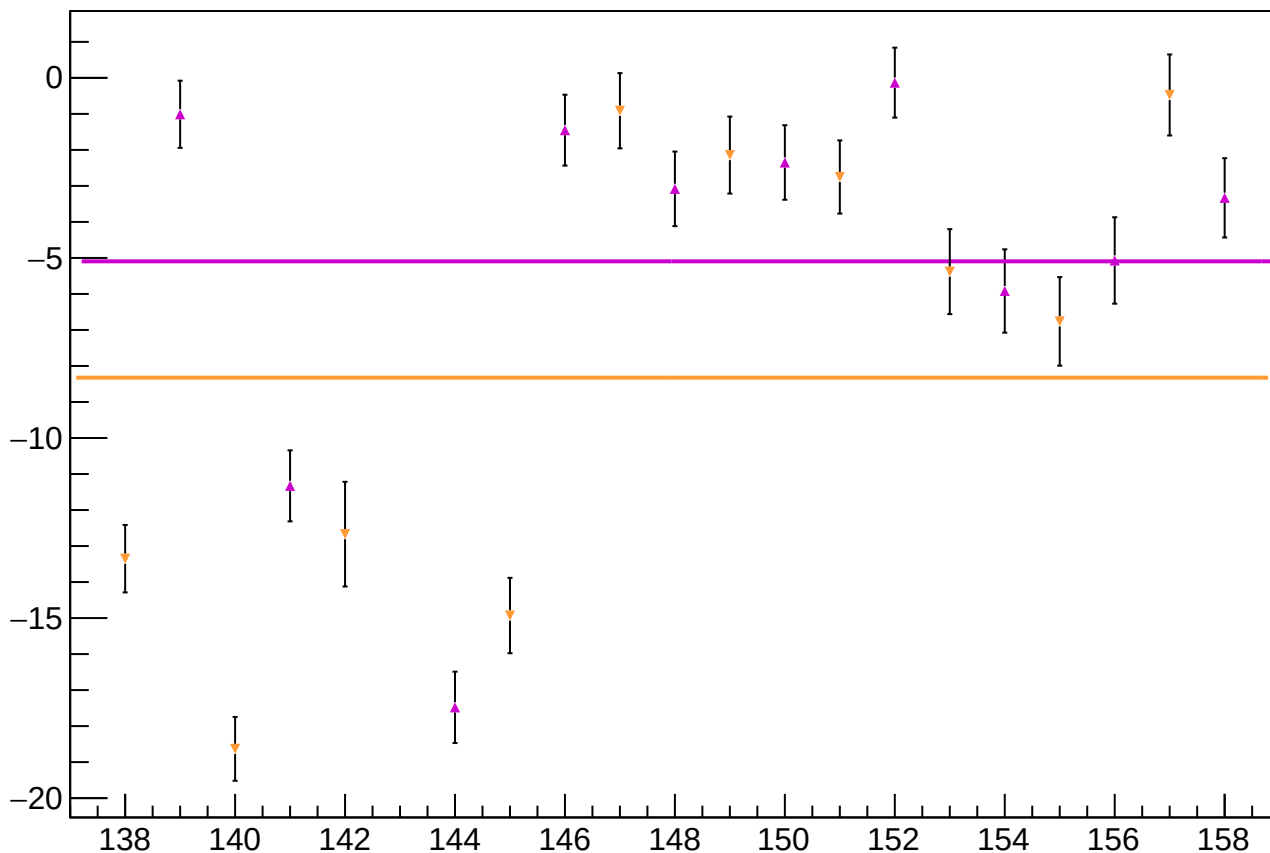
Left In: -41.779 ± 0.020 χ^2/NDF : 88601.9/9

+ sign -41.713 ± 0.017 χ^2/NDF : 133401.2/25

All: -41.717 ± 0.012 χ^2/NDF : 283811.1/53

- sign -41.722 ± 0.017 χ^2/NDF : 150409.7/27

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -8.324+/-0.338 χ^2/NDF : 383.1/9

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

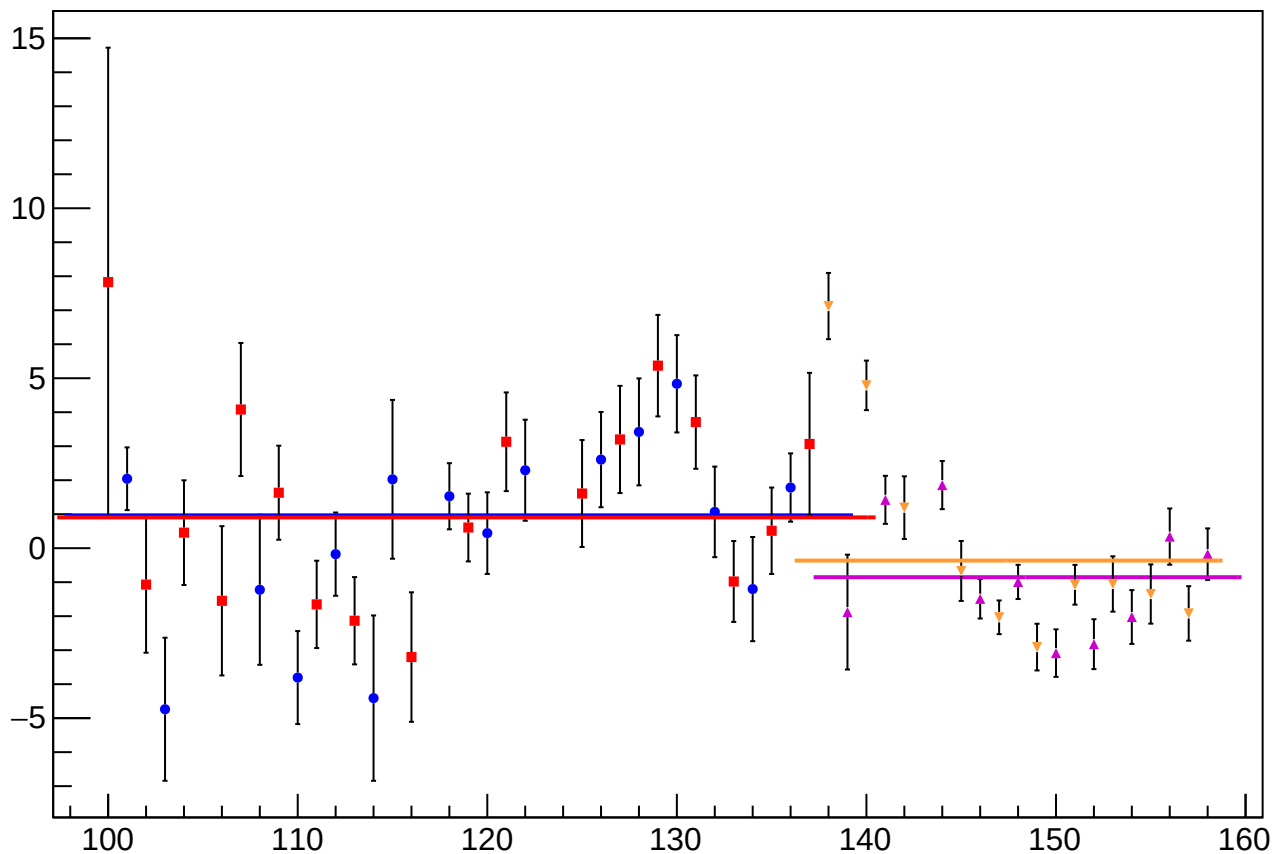
Left In: -5.094+/-0.326 χ^2/NDF : 269.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.647+/-0.235 χ^2/NDF : 699.4/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: -0.364 ± 0.230 χ^2/NDF : 144.3/9

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

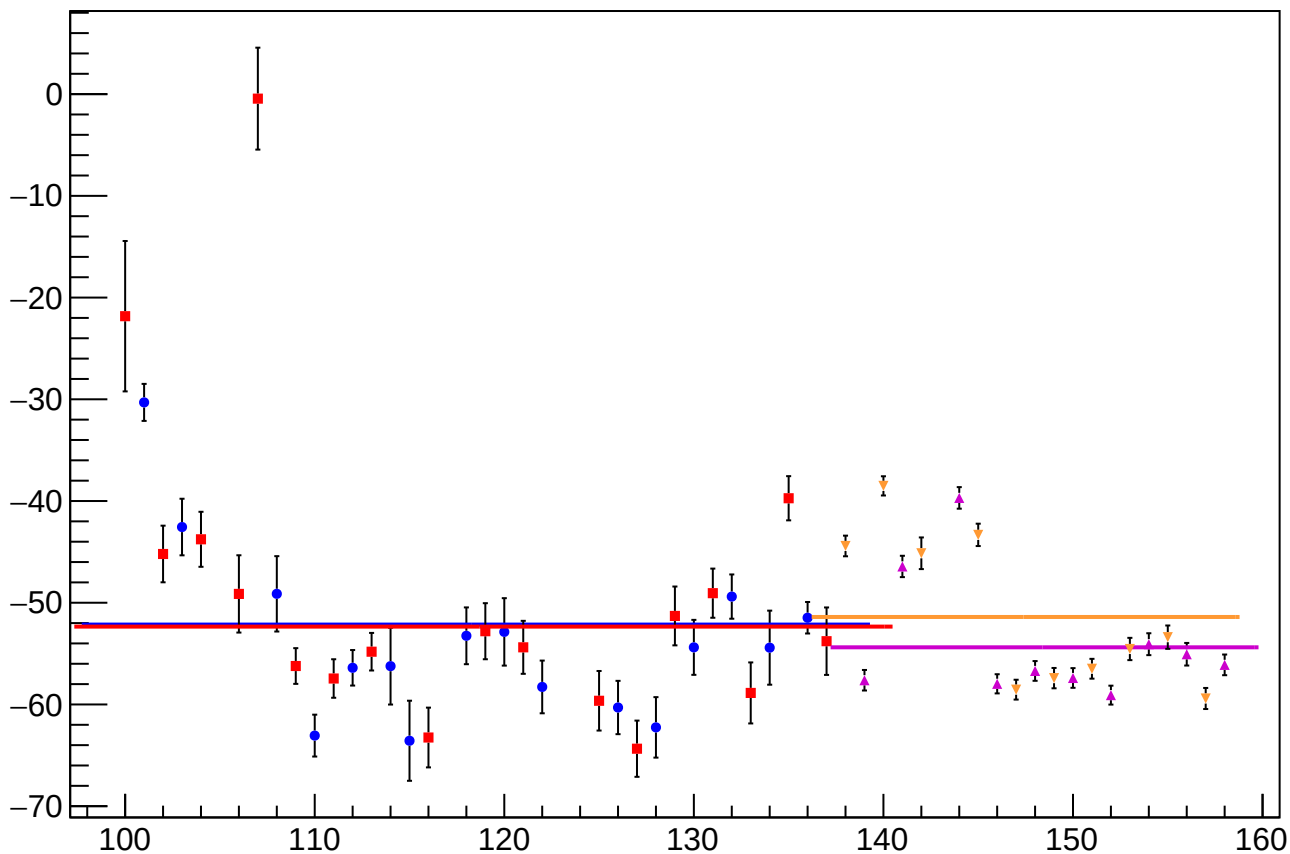
Left In: -0.854 ± 0.224 χ^2/NDF : 49.2/9

+ sign 0.057 ± 0.190 χ^2/NDF : 197.8/25

All: -0.148 ± 0.134 χ^2/NDF : 308.9/53

- sign -0.351 ± 0.189 χ^2/NDF : 108.8/27

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.399 ± 0.334 χ^2/NDF : 492.0/9

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

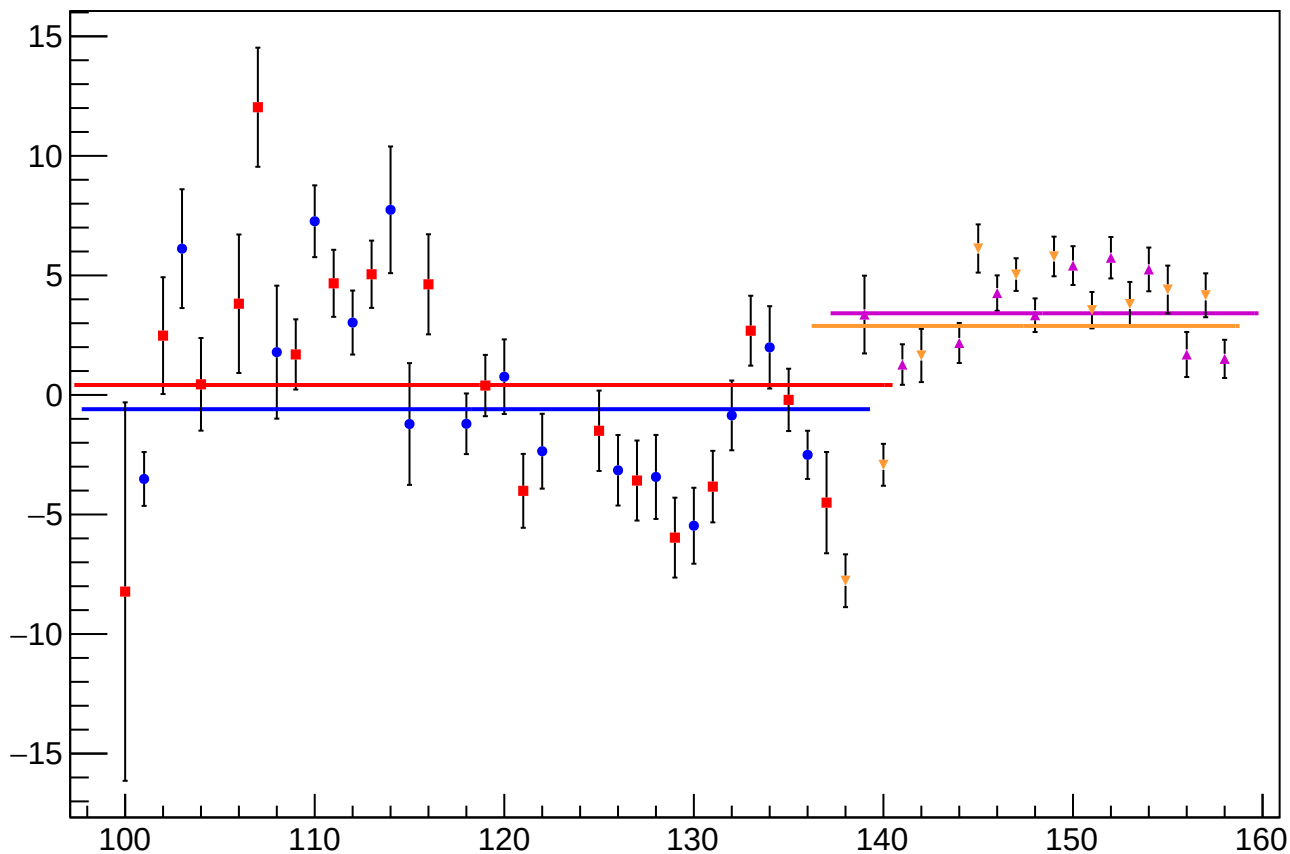
Left In: -54.383 ± 0.319 χ^2/NDF : 318.5/9

+ sign -51.571 ± 0.293 χ^2/NDF : 723.4/25

All: -52.803 ± 0.204 χ^2/NDF : 1320.4/53

- sign -53.952 ± 0.283 χ^2/NDF : 562.9/27

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 2.886 ± 0.282 χ^2/NDF : 176.7/9

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

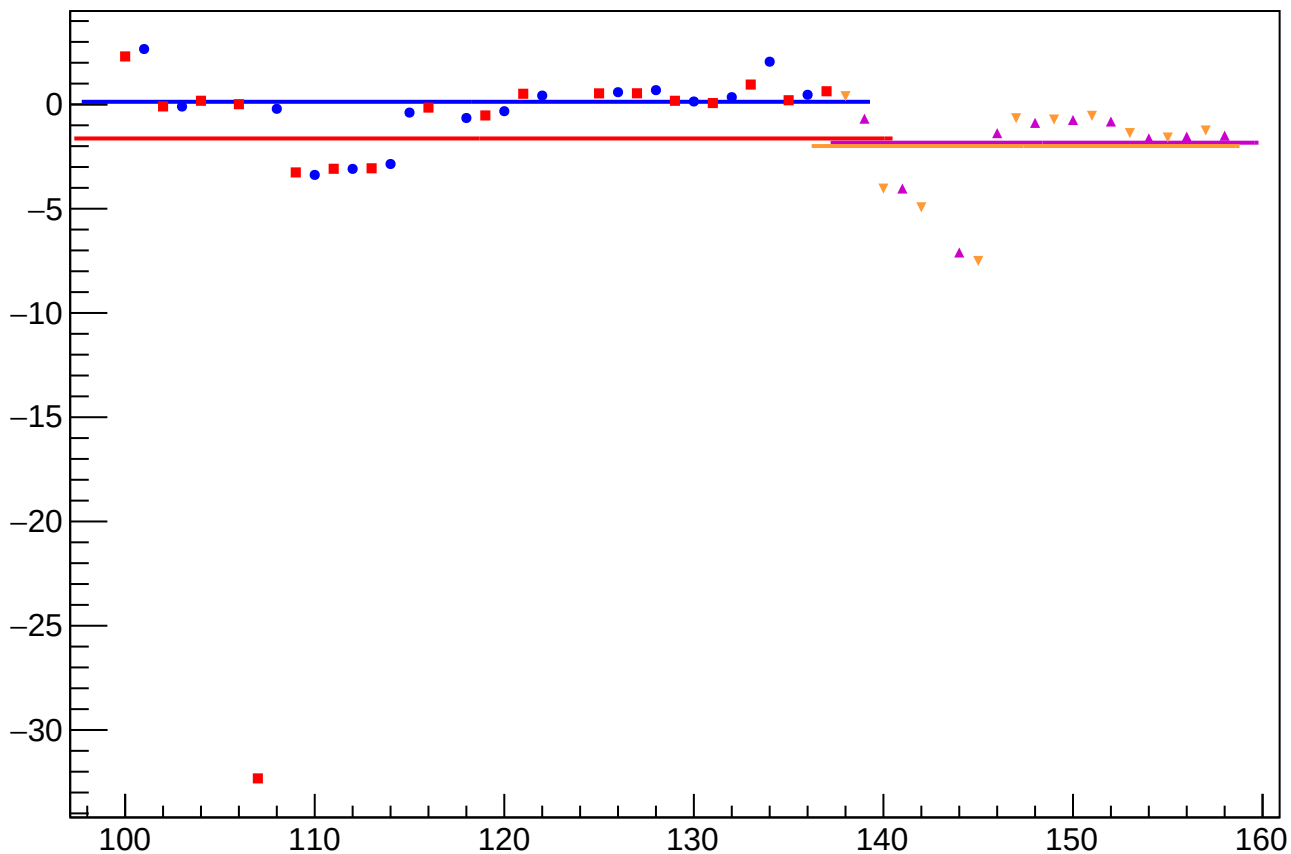
Left In: 3.415 ± 0.269 χ^2/NDF : 36.2/9

+ sign 1.666 ± 0.227 χ^2/NDF : 312.8/25

All: 2.079 ± 0.159 χ^2/NDF : 490.0/53

- sign 2.479 ± 0.223 χ^2/NDF : 170.7/27

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.994 ± 0.013 $\chi^2/\text{NDF}: 28309.9/9$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

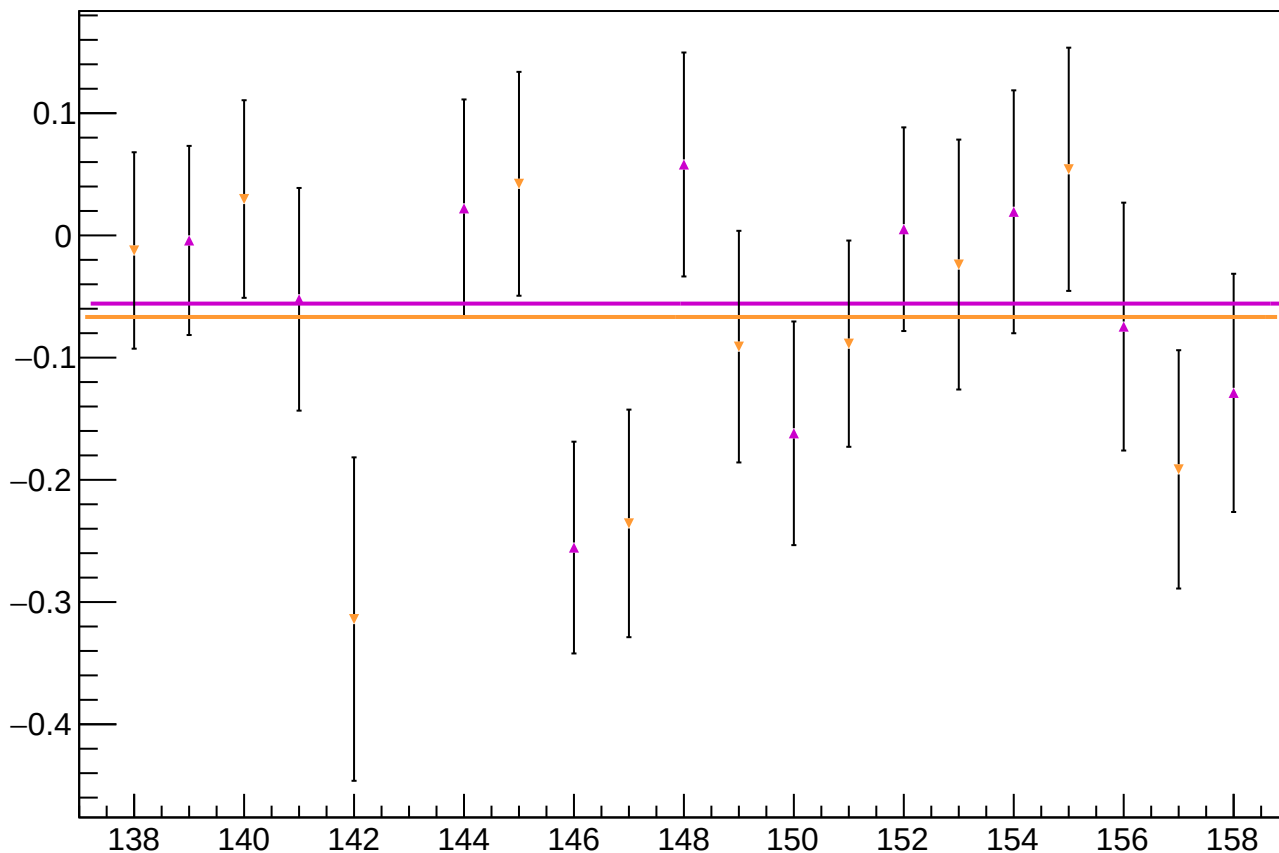
Left In: -1.833 ± 0.012 $\chi^2/\text{NDF}: 18915.6/9$

+ sign -1.411 ± 0.011 $\chi^2/\text{NDF}: 40631.8/25$

All: -1.605 ± 0.008 $\chi^2/\text{NDF}: 138059.3/53$

- sign -1.784 ± 0.011 $\chi^2/\text{NDF}: 96859.0/27$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.067+/-0.029 χ^2/NDF : 13.5/9

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

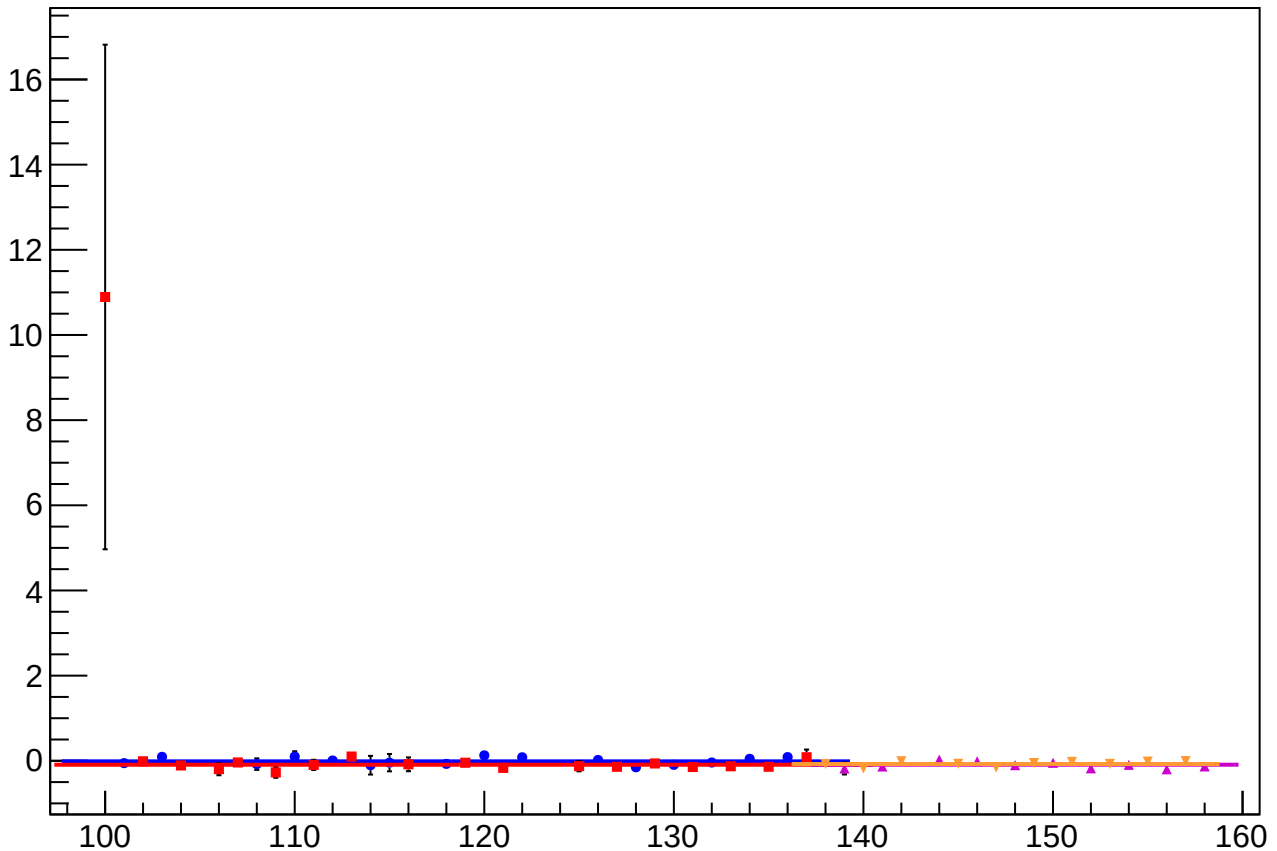
Left In: -0.056+/-0.028 χ^2/NDF : 11.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.061+/-0.020 χ^2/NDF : 24.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.076 ± 0.020 χ^2/NDF : 9.0/9

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

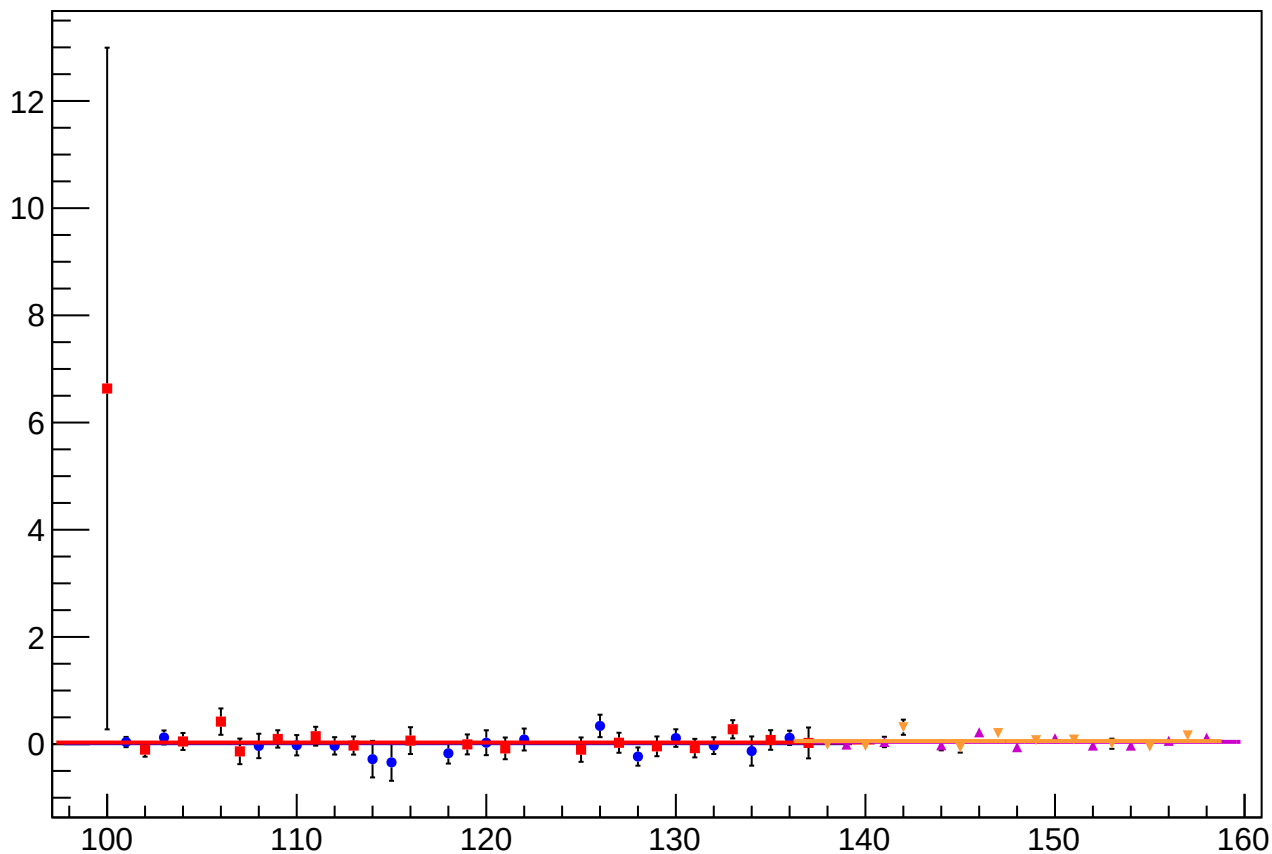
Left In: -0.092 ± 0.020 χ^2/NDF : 11.9/9

+ sign -0.049 ± 0.015 χ^2/NDF : 25.3/25

All: -0.070 ± 0.011 χ^2/NDF : 53.9/53

- sign -0.092 ± 0.015 χ^2/NDF : 24.6/27

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.058 ± 0.029 χ^2/NDF : 12.5/9

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

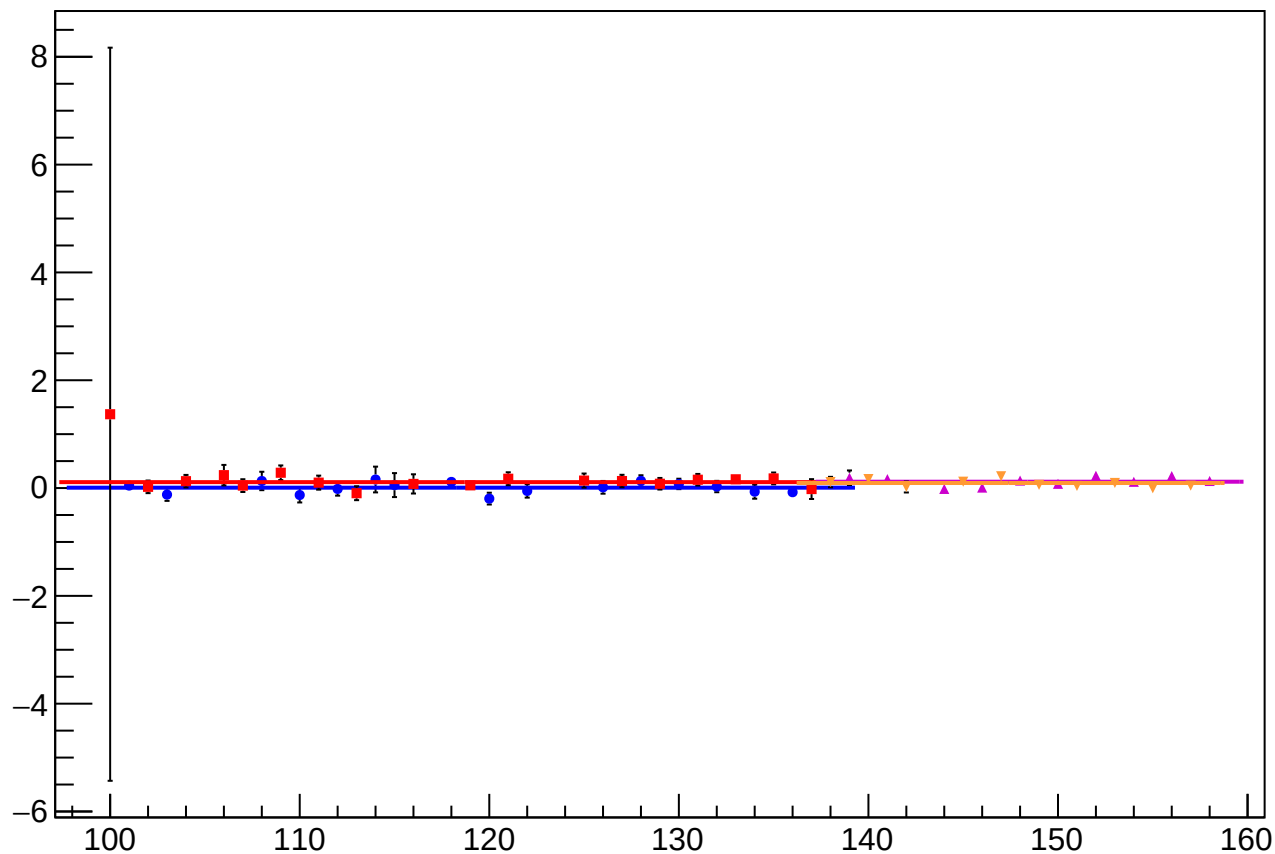
Left In: 0.042 ± 0.028 χ^2/NDF : 9.5/9

+ sign 0.045 ± 0.024 χ^2/NDF : 22.7/25

All: 0.042 ± 0.017 χ^2/NDF : 41.5/53

- sign 0.039 ± 0.024 χ^2/NDF : 18.7/27

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.094 ± 0.025 χ^2/NDF : 8.5/9

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

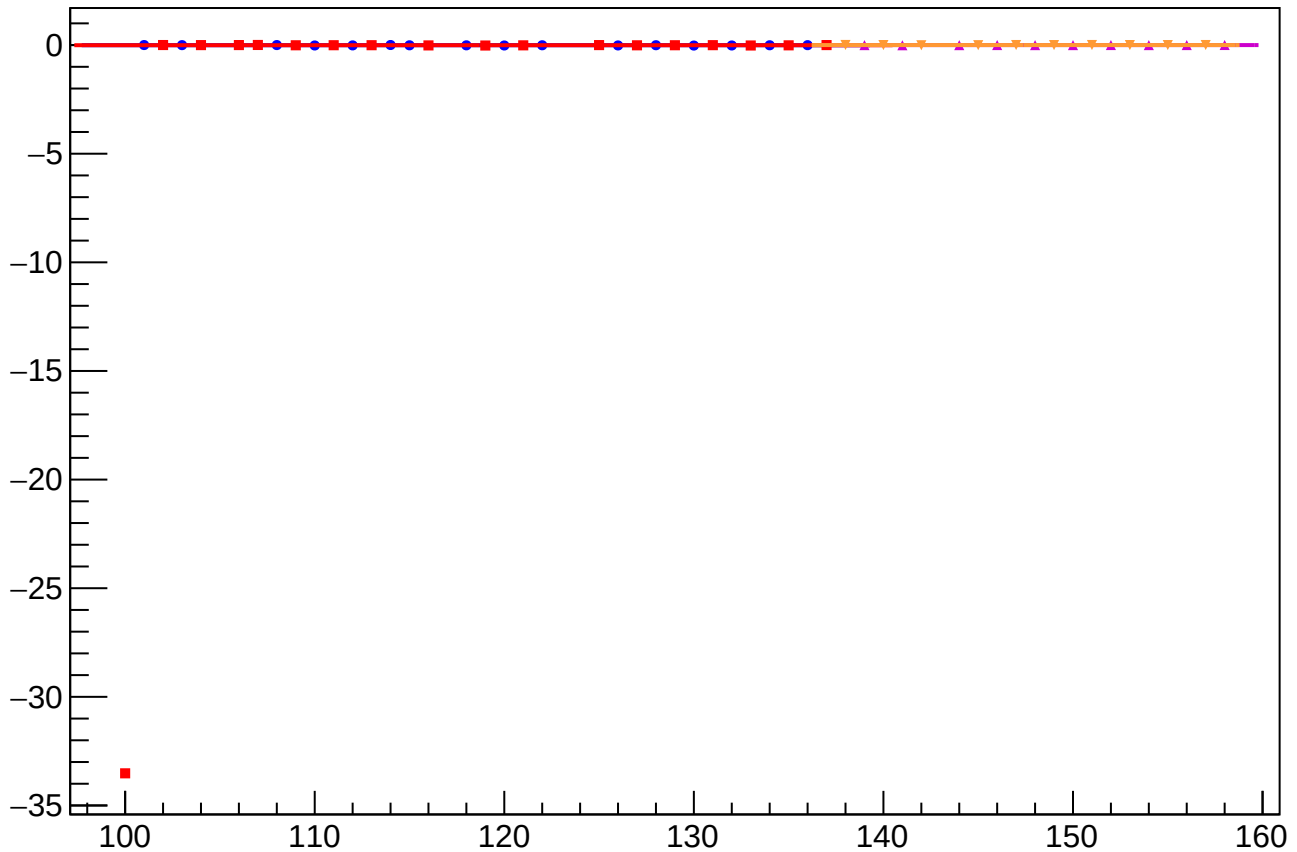
Left In: 0.118 ± 0.024 χ^2/NDF : 10.9/9

+ sign 0.054 ± 0.018 χ^2/NDF : 26.3/25

All: 0.084 ± 0.013 χ^2/NDF : 50.7/53

- sign 0.114 ± 0.018 χ^2/NDF : 19.0/27

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: 7.0/9

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

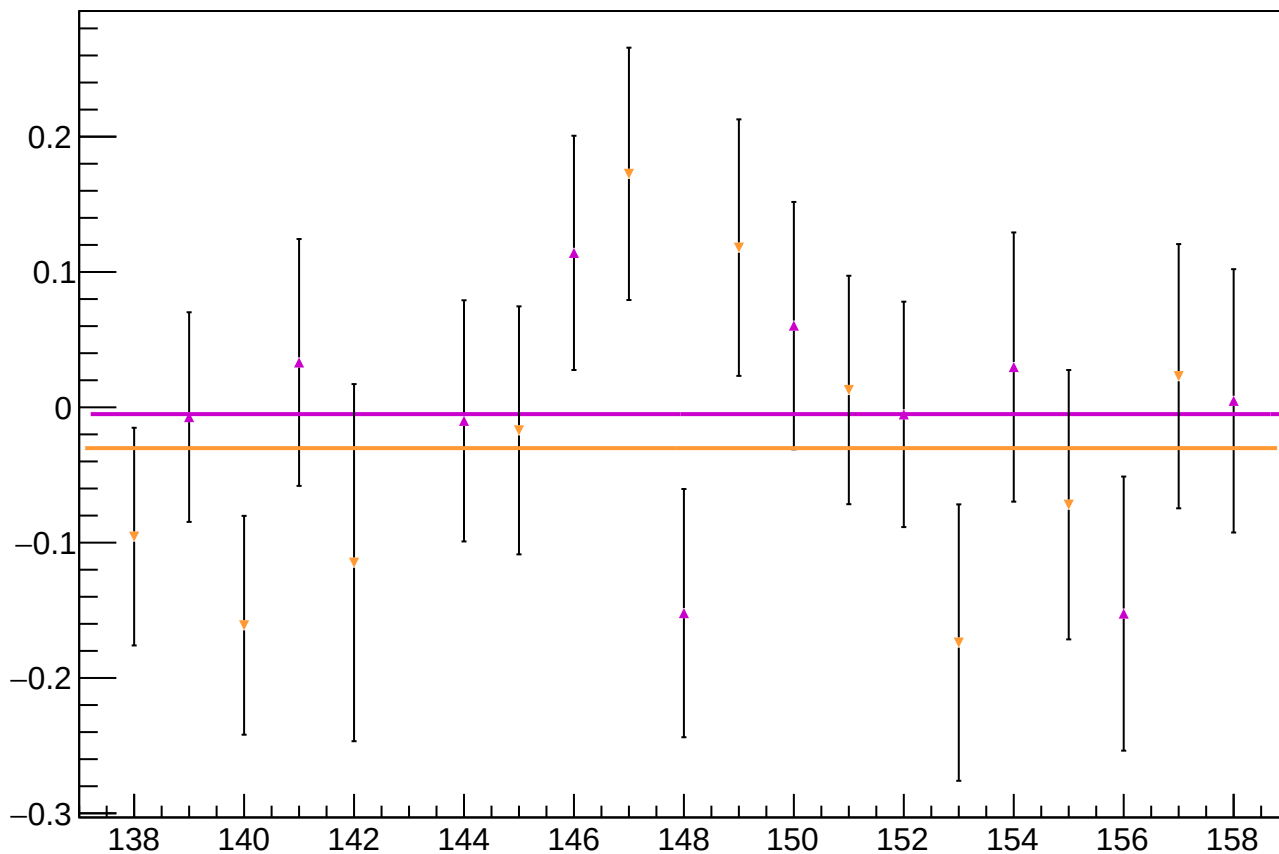
Left In: 0.000 $\pm$ 0.001 χ^2 /NDF: 7.1/9

+ sign -0.001 $\pm$ 0.001 χ^2 /NDF: 41.7/25

All: -0.002 $\pm$ 0.001 χ^2 /NDF: 26568.6/53

- sign -0.002 $\pm$ 0.001 χ^2 /NDF: 26526.7/27

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.030 $\pm$ 0.029 χ^2 /NDF:13.6/9

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

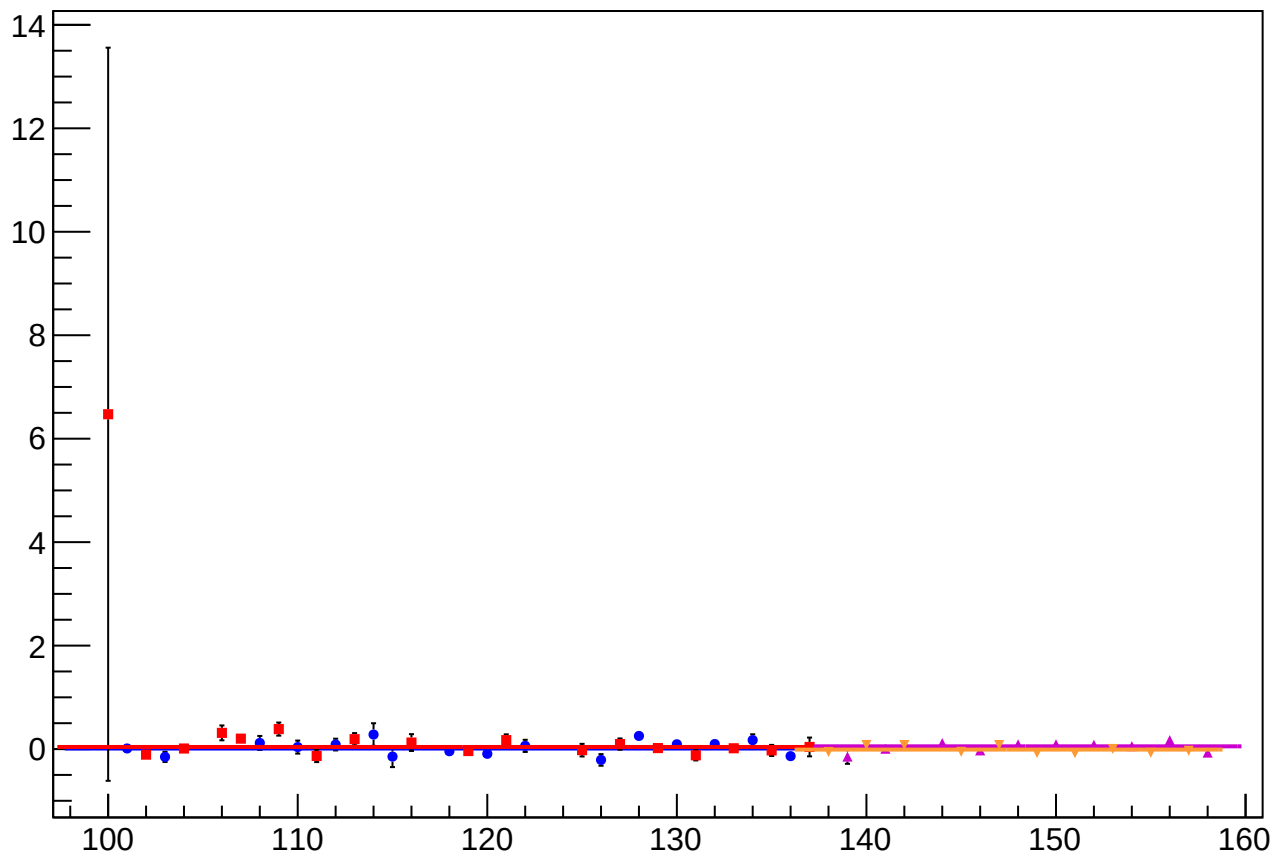
Left In: -0.005 $\pm$ 0.028 χ^2 /NDF:7.4/9

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

All: -0.017 $\pm$ 0.020 χ^2 /NDF: 21.4/19

- 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 ± 0.020 χ^2/NDF : 11.6/9

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

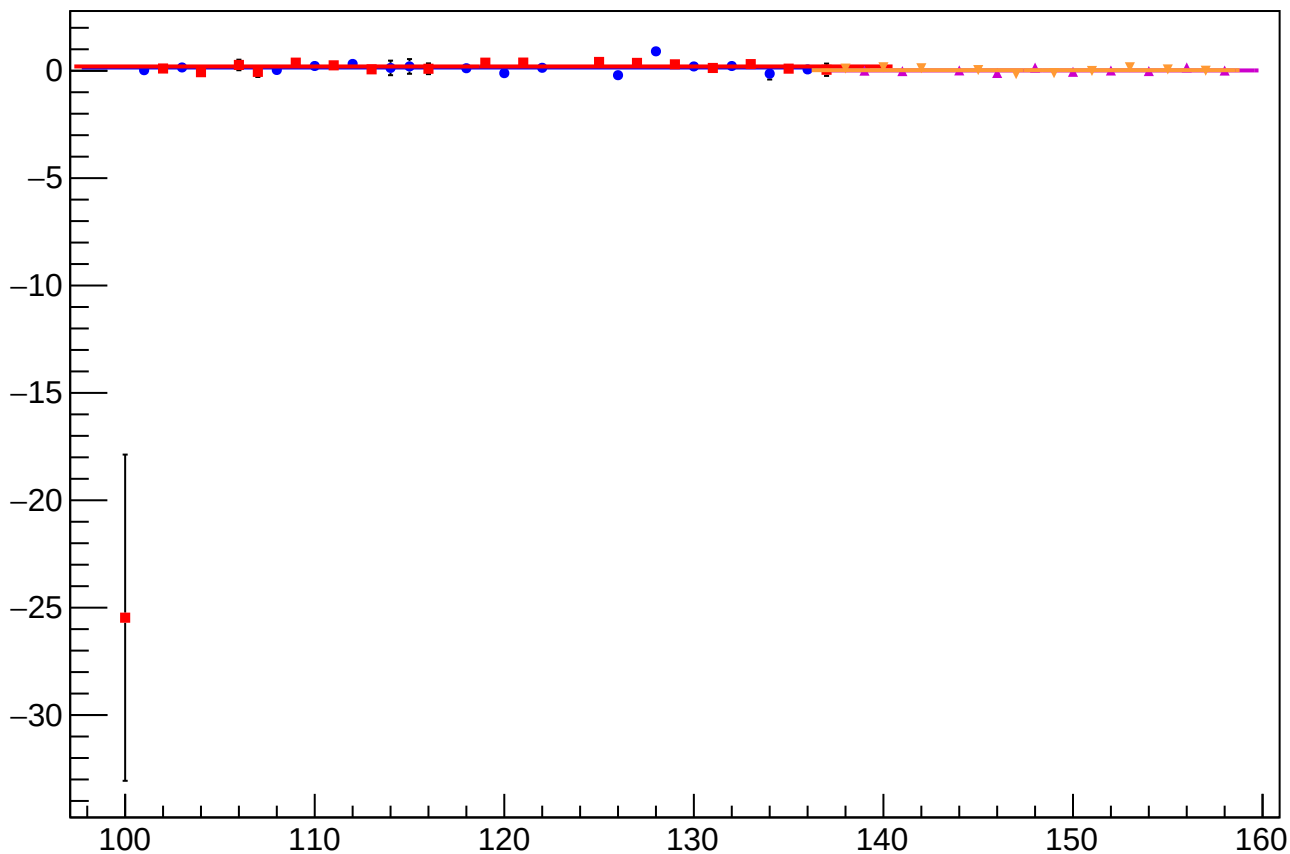
Left In: 0.053 ± 0.020 χ^2/NDF : 13.3/9

+ sign -0.001 ± 0.015 χ^2/NDF : 37.5/25

All: 0.023 ± 0.011 χ^2/NDF : 84.0/53

- sign 0.048 ± 0.015 χ^2/NDF : 41.4/27

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.027 ± 0.029 χ^2/NDF : 13.1/9

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

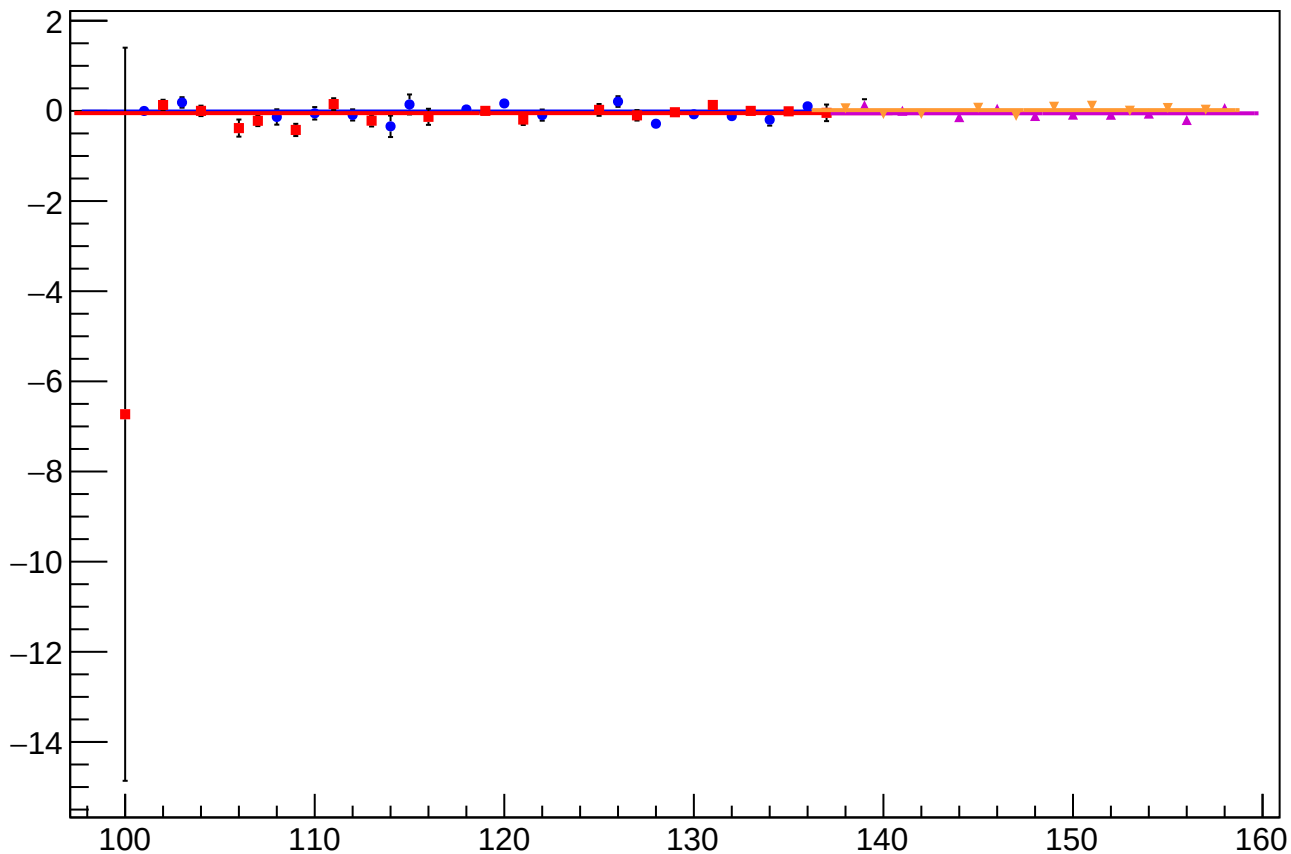
Left In: 0.015 ± 0.028 χ^2/NDF : 7.4/9

+ sign 0.066 ± 0.024 χ^2/NDF : 47.7/25

All: 0.066 ± 0.017 χ^2/NDF : 90.3/53

- sign 0.066 ± 0.024 χ^2/NDF : 42.6/27

reg asym ds dd diff bpm4eY slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.017+/-0.025 χ^2/NDF :10.5/9

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

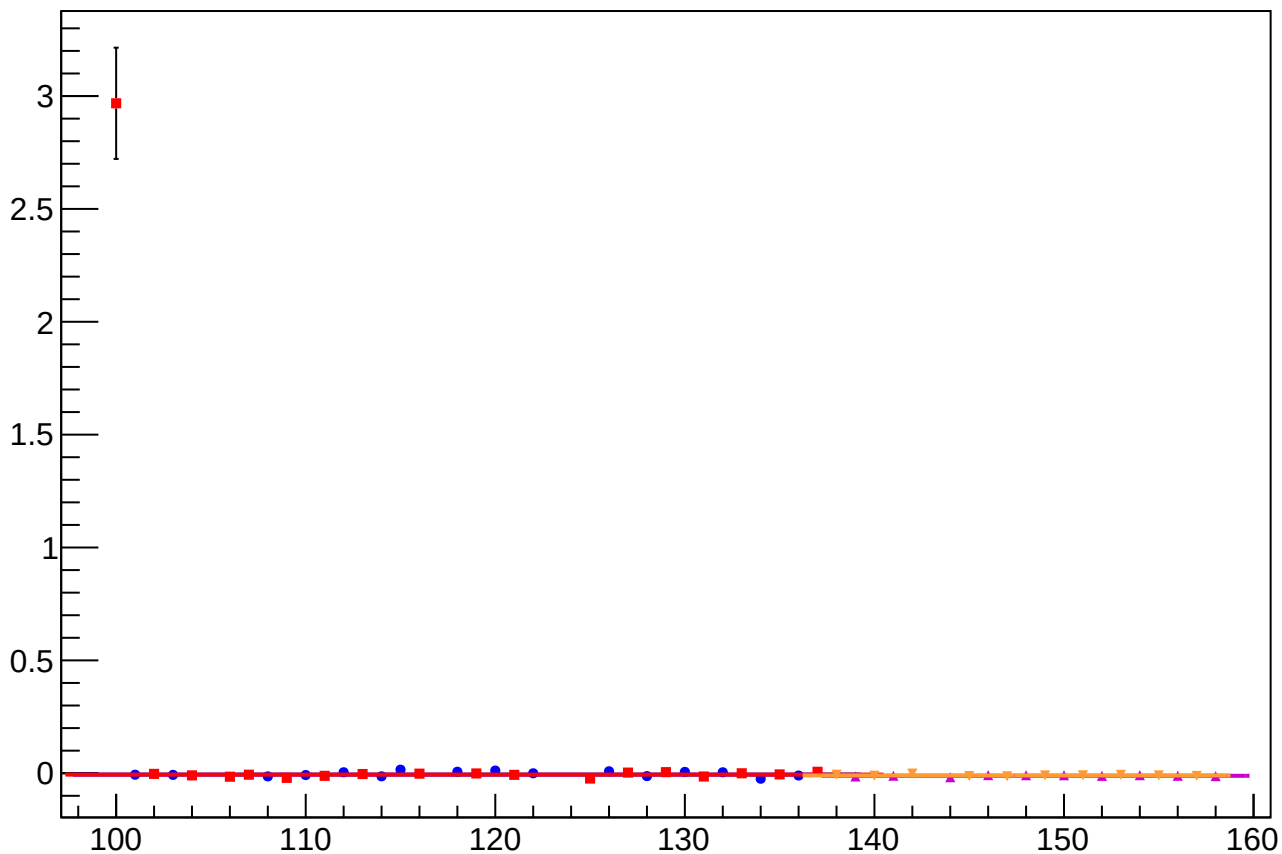
Left In: -0.053+/-0.024 χ^2/NDF :13.3/9

+ sign 0.003 $\pm$ 0.018 χ^2 /NDF: 36.4/25

All: -0.024 ± 0.013 χ^2/NDF : 80.0/53

- sign -0.052 ± 0.018 χ^2/NDF : 39.1/27

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.010 ± 0.001 χ^2/NDF : 5.5/9

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

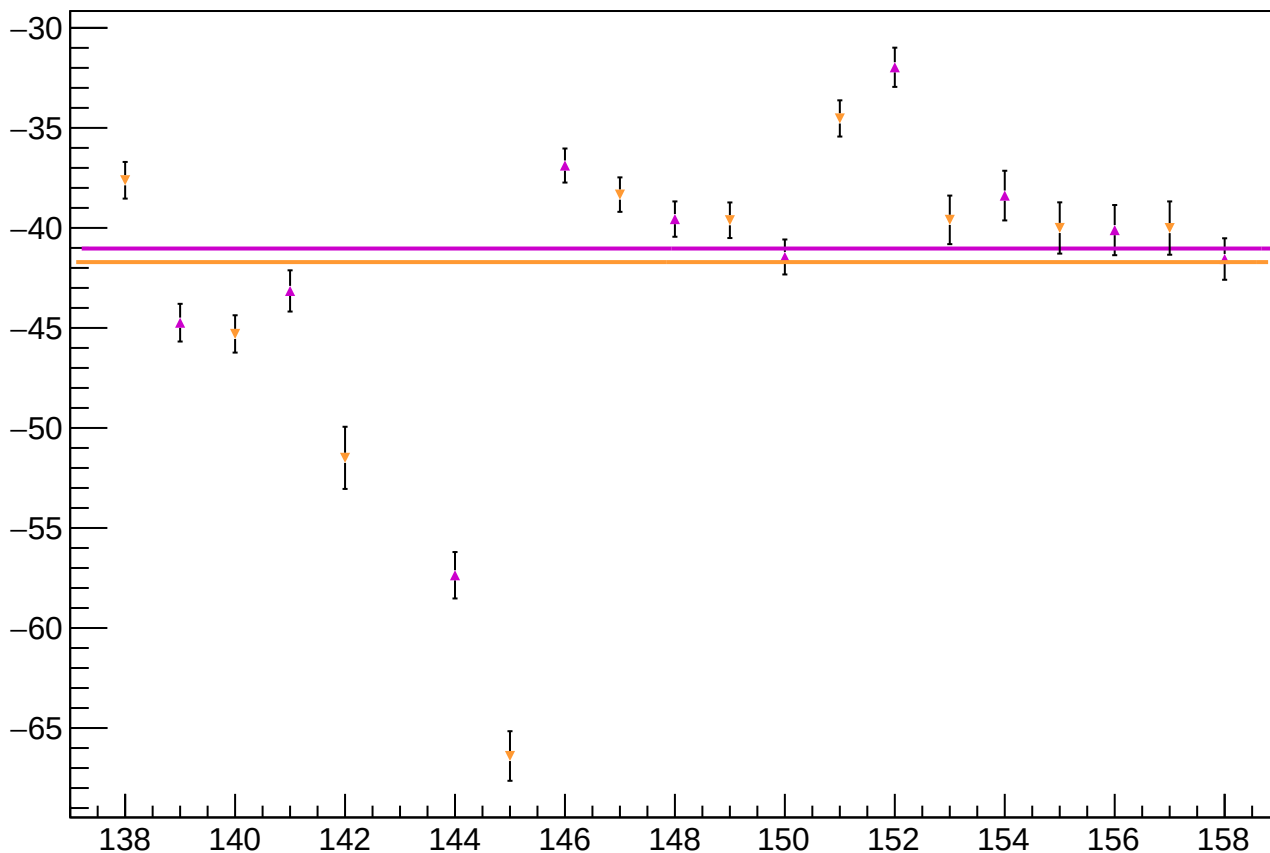
Left In: -0.011 ± 0.001 χ^2/NDF : 5.7/9

+ sign -0.008 ± 0.001 χ^2/NDF : 38.6/25

All: -0.009 ± 0.001 χ^2/NDF : 219.3/53

- sign -0.009 ± 0.001 χ^2/NDF : 180.0/27

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.709+/-0.332 χ^2/NDF : 561.3/9

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

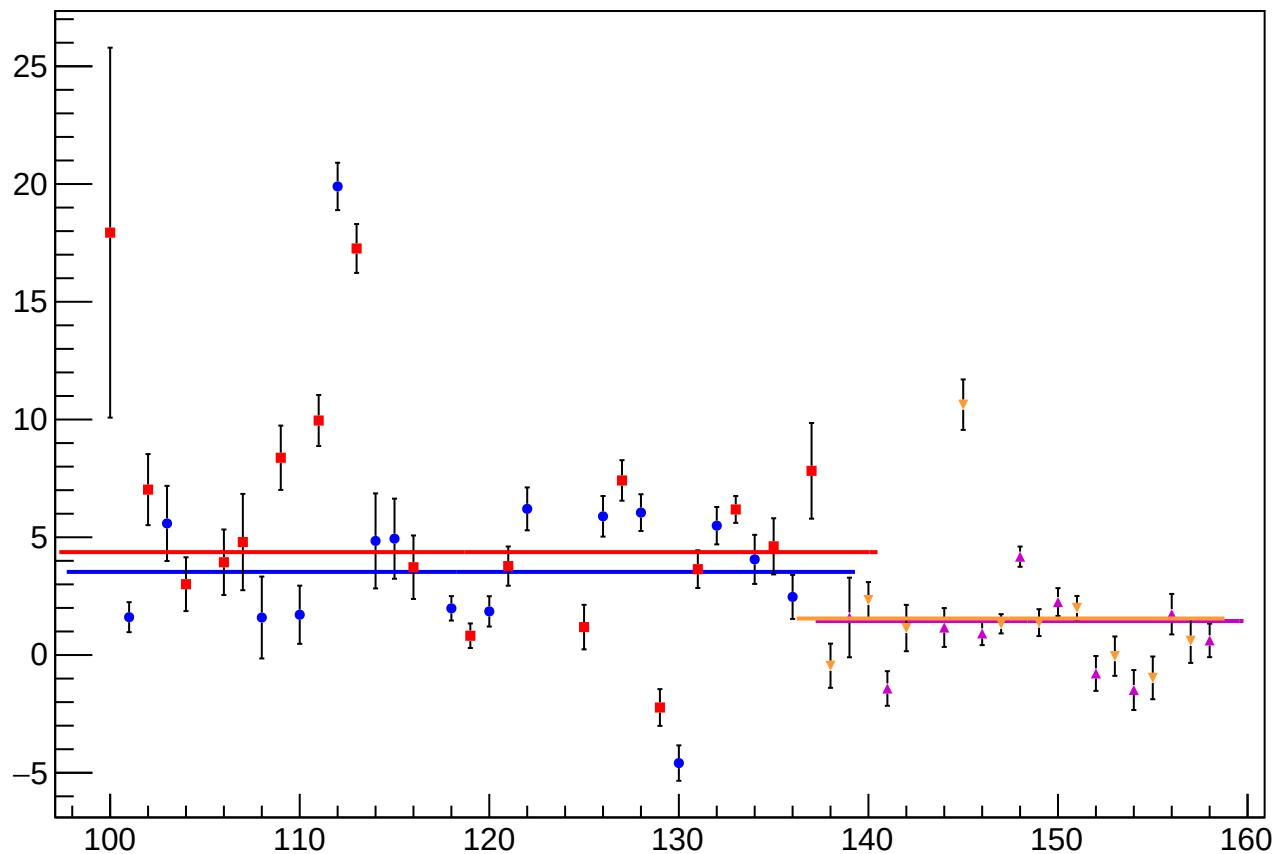
Left In: -41.030+/-0.316 χ^2/NDF : 335.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.353+/-0.229 χ^2/NDF : 898.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.551 ± 0.216 $\chi^2/\text{NDF}: 91.2/9$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

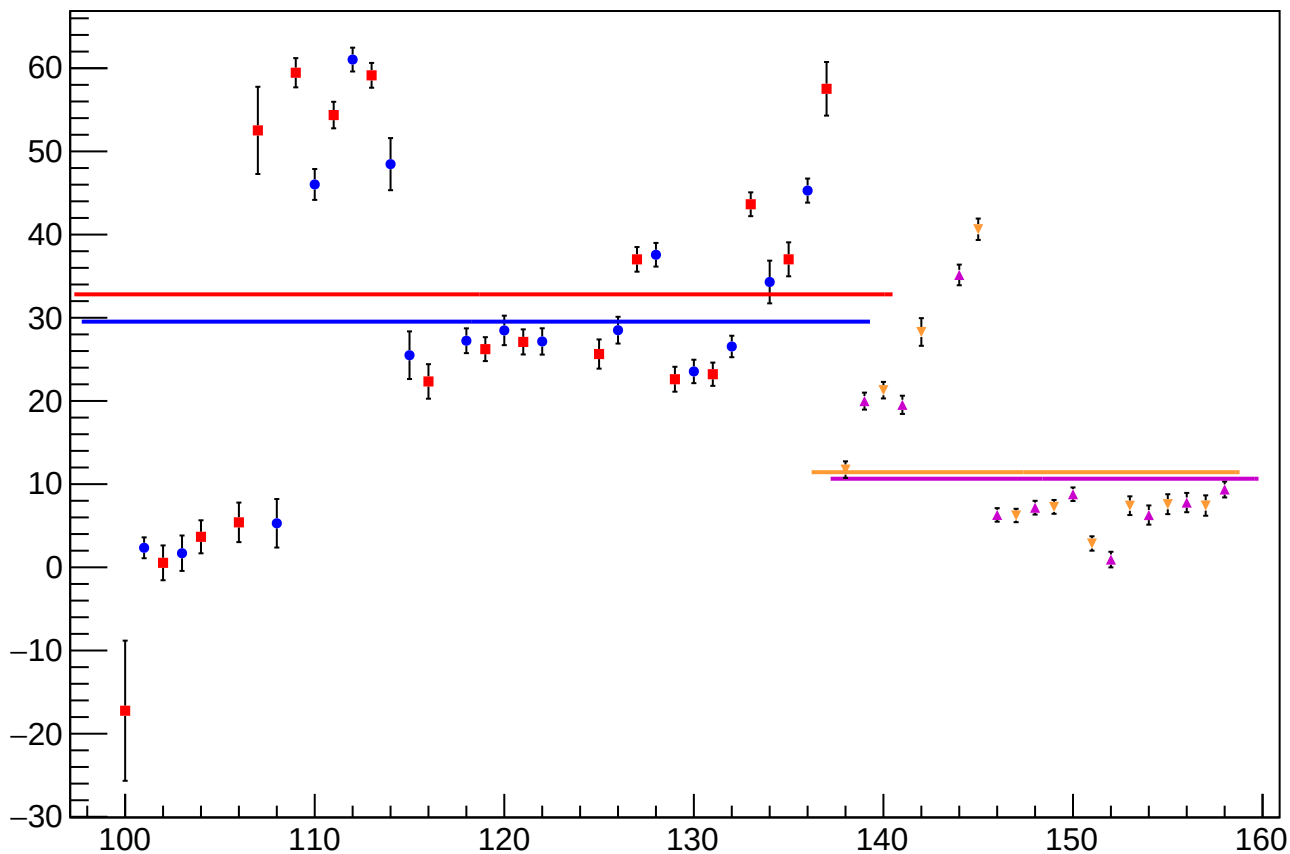
Left In: 1.445 ± 0.211 $\chi^2/\text{NDF}: 81.3/9$

+ sign 2.533 ± 0.153 $\chi^2/\text{NDF}: 579.5/25$

All: 2.670 ± 0.109 $\chi^2/\text{NDF}: 1106.1/53$

- sign 2.808 ± 0.154 $\chi^2/\text{NDF}: 525.0/27$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 $\pm$ 0.417 χ^2/NDF : 1494.9/15

Left Out: 11.436 $\pm$ 0.325 χ^2/NDF : 915.7/9

Right Out: 32.816 $\pm$ 0.423 χ^2/NDF : 1659.3/17

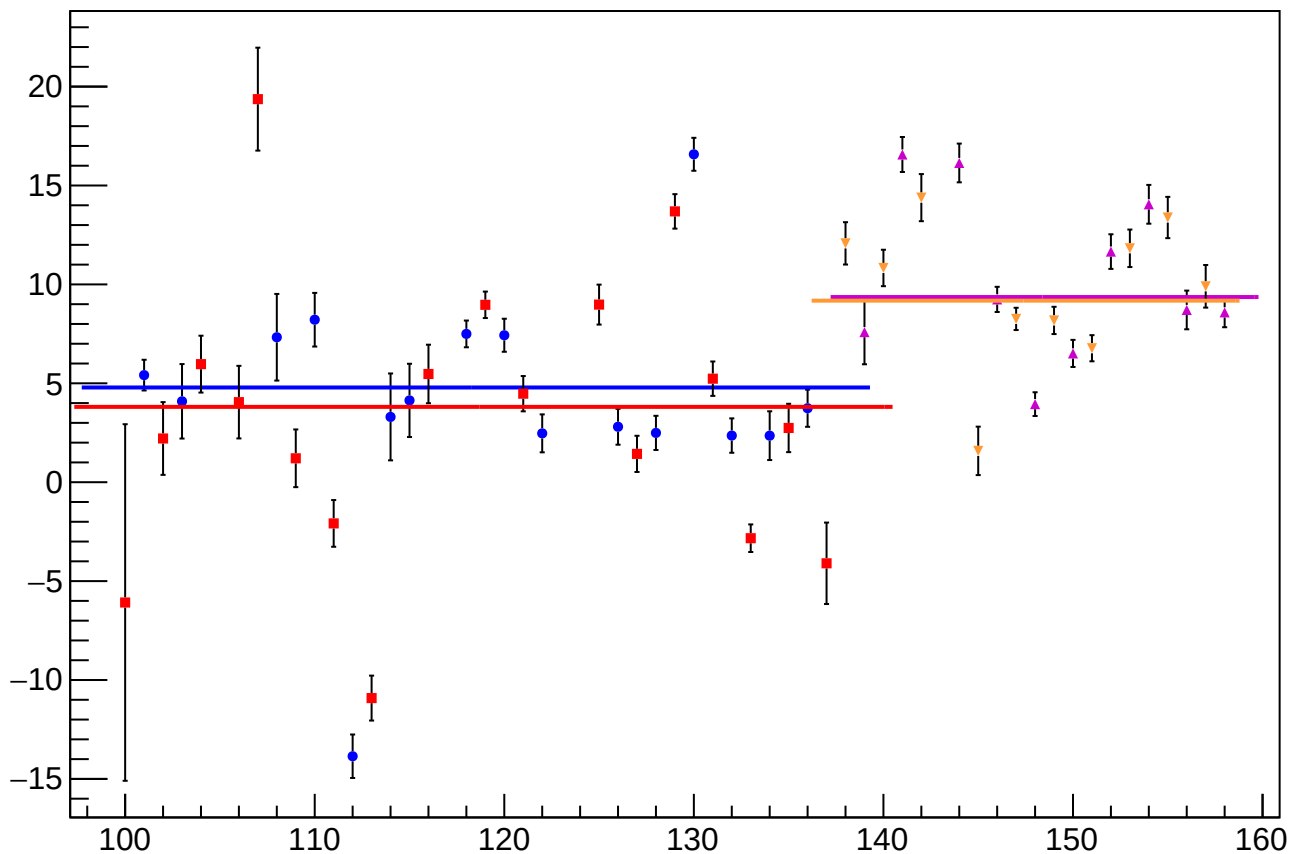
Left In: 10.651 $\pm$ 0.307 χ^2/NDF : 719.9/9

+ sign 18.278 $\pm$ 0.256 χ^2/NDF : 3583.6/25

All: 18.288 $\pm$ 0.178 χ^2/NDF : 7762.5/53

- sign 18.298 $\pm$ 0.248 χ^2/NDF : 4178.9/27

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 9.178 ± 0.269 χ^2/NDF : 110.6/9

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

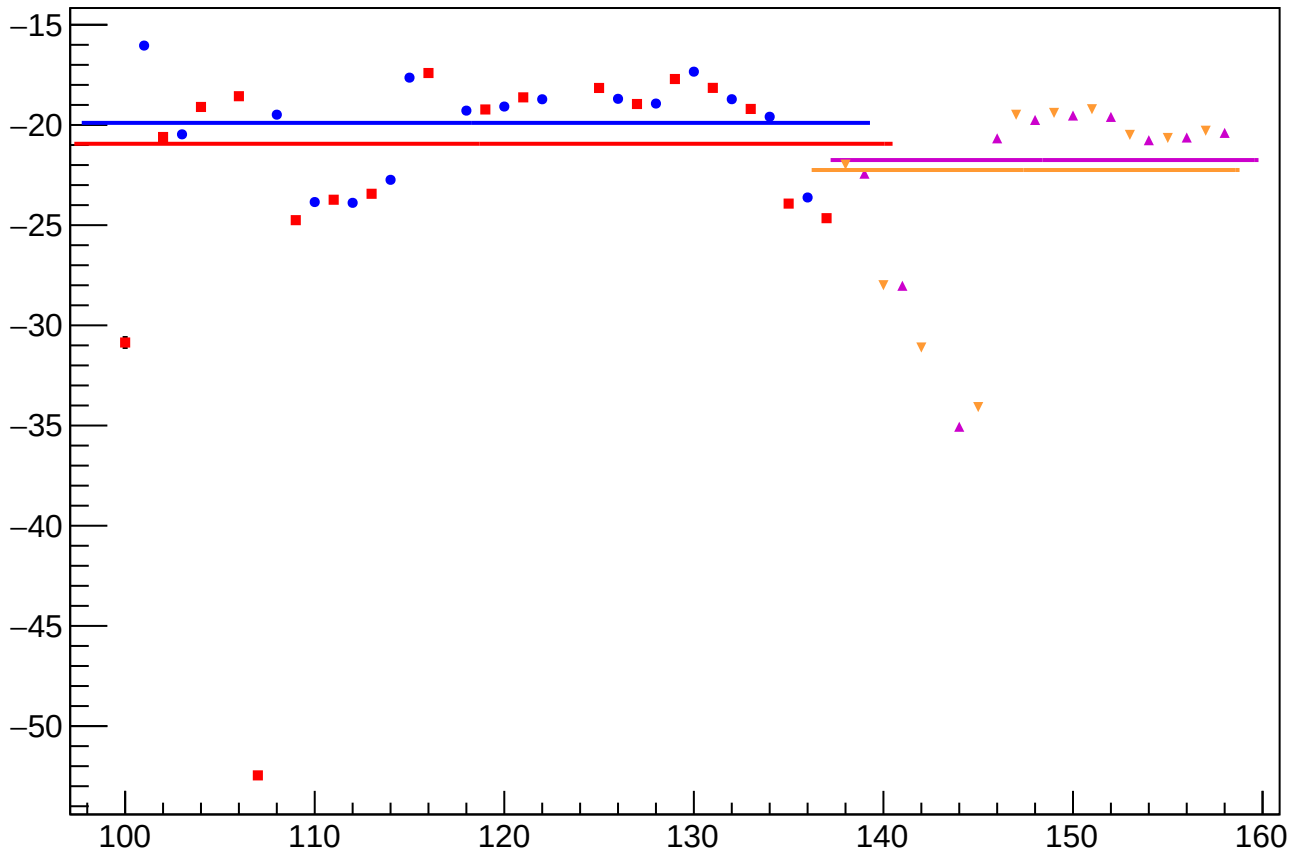
Left In: 9.362 ± 0.256 χ^2/NDF : 245.6/9

+ sign 6.837 ± 0.183 χ^2/NDF : 807.0/25

All: 6.725 ± 0.129 χ^2/NDF : 1853.4/53

- sign 6.615 ± 0.182 χ^2/NDF : 1045.7/27

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -22.247 ± 0.013 χ^2/NDF : 112896.9/9

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

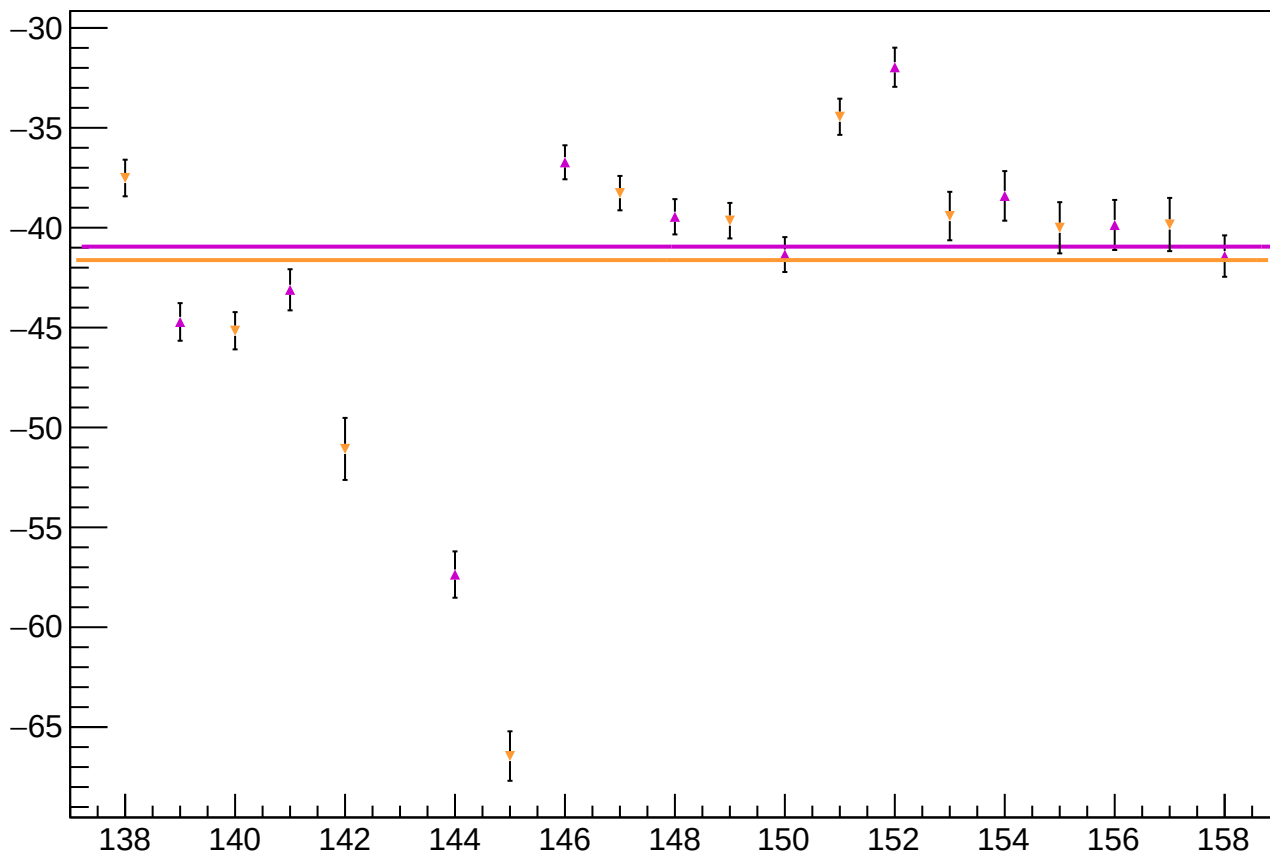
Left In: -21.751 ± 0.012 χ^2/NDF : 94533.0/9

+ sign -21.265 ± 0.010 χ^2/NDF : 152266.4/25

All: -21.360 ± 0.007 χ^2/NDF : 342709.4/53

- sign -21.447 ± 0.010 χ^2/NDF : 190271.8/27

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.622+/-0.332 χ^2/NDF : 562.9/9

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

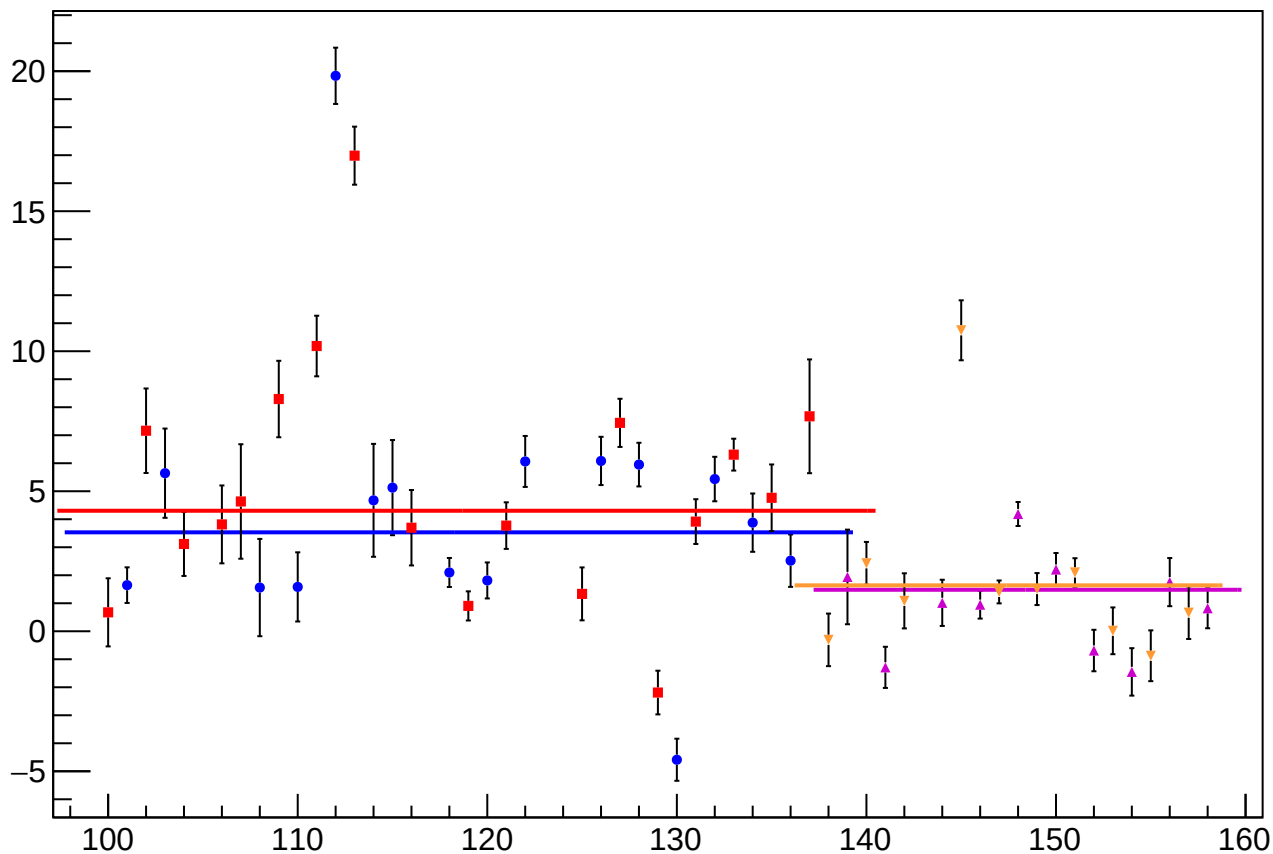
Left In: -40.948+/-0.316 χ^2/NDF : 337.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.269+/-0.229 χ^2/NDF : 902.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.640 ± 0.216 $\chi^2/\text{NDF}: 91.8/9$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

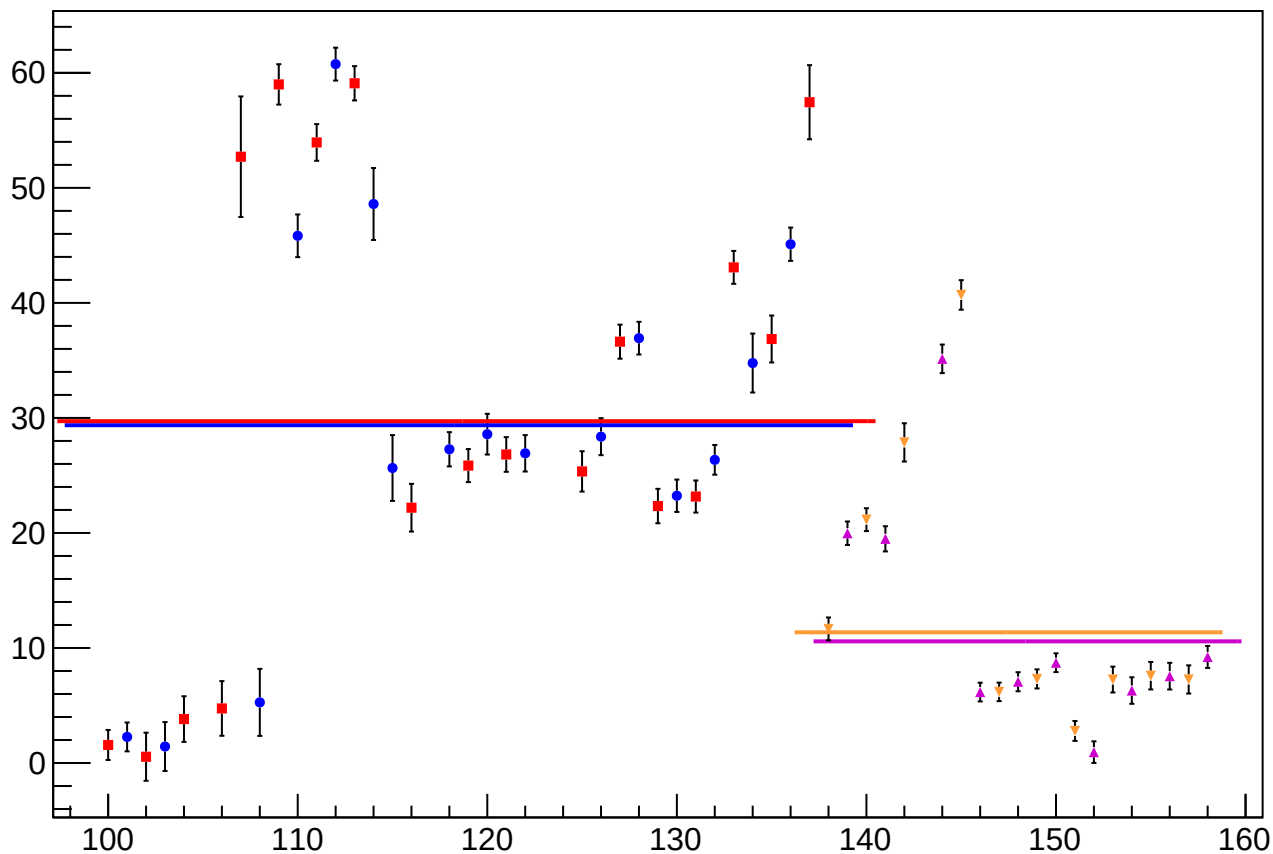
Left In: 1.481 ± 0.210 $\chi^2/\text{NDF}: 78.6/9$

+ sign 2.580 ± 0.153 $\chi^2/\text{NDF}: 573.3/25$

All: 2.700 ± 0.108 $\chi^2/\text{NDF}: 1091.2/53$

- sign 2.820 ± 0.153 $\chi^2/\text{NDF}: 516.7/27$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 11.363 $\pm$ 0.325 χ^2 /NDF: 914.7/9

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

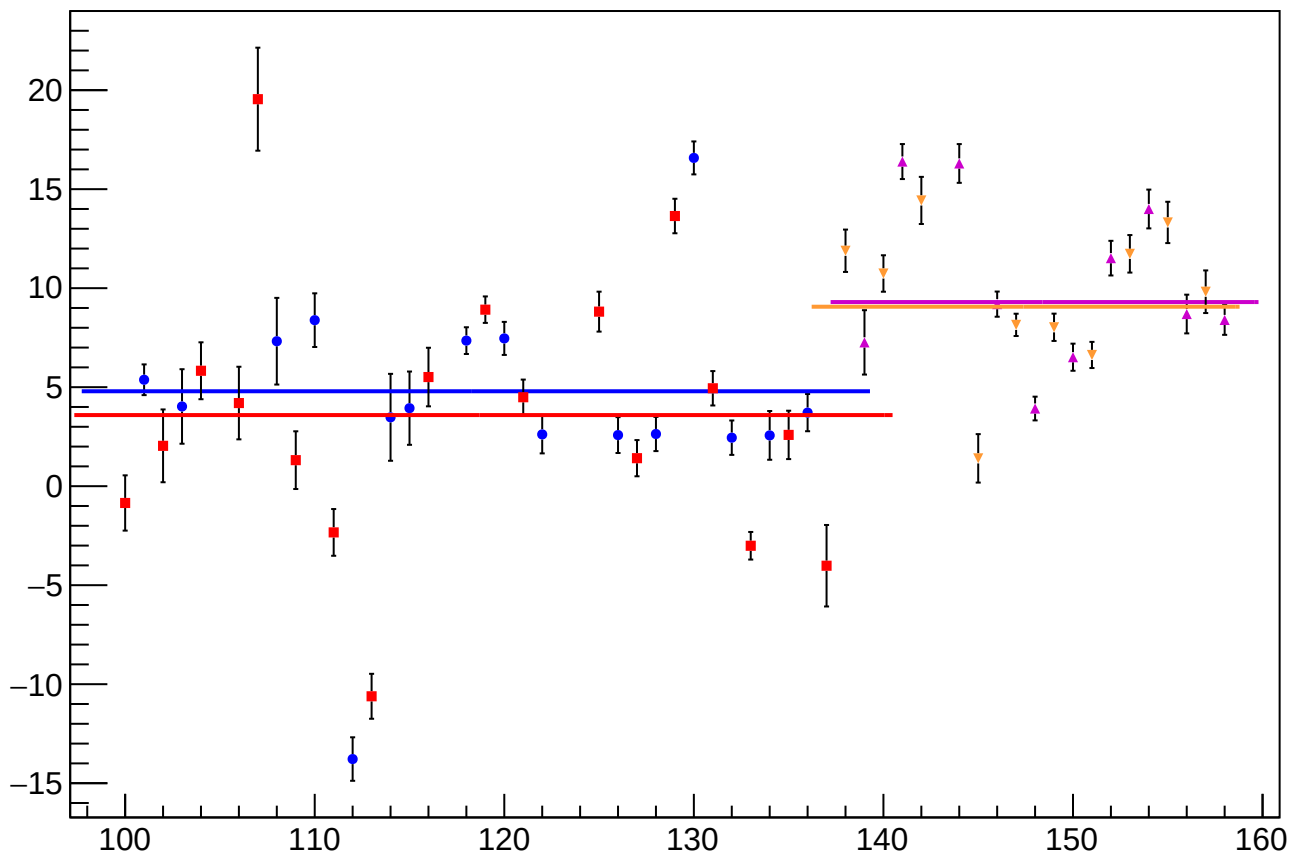
Left In: 10.576 $\pm$ 0.307 χ^2 /NDF: 723.8/9

+ sign 18.171 $\pm$ 0.256 χ^2 /NDF: 3565.5/25

All: 17.876 $\pm$ 0.177 χ^2 /NDF: 7852.7/53

- sign 17.608 $\pm$ 0.244 χ^2 /NDF: 4284.7/27

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.063 ± 0.268 $\chi^2/\text{NDF}: 113.4/9$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

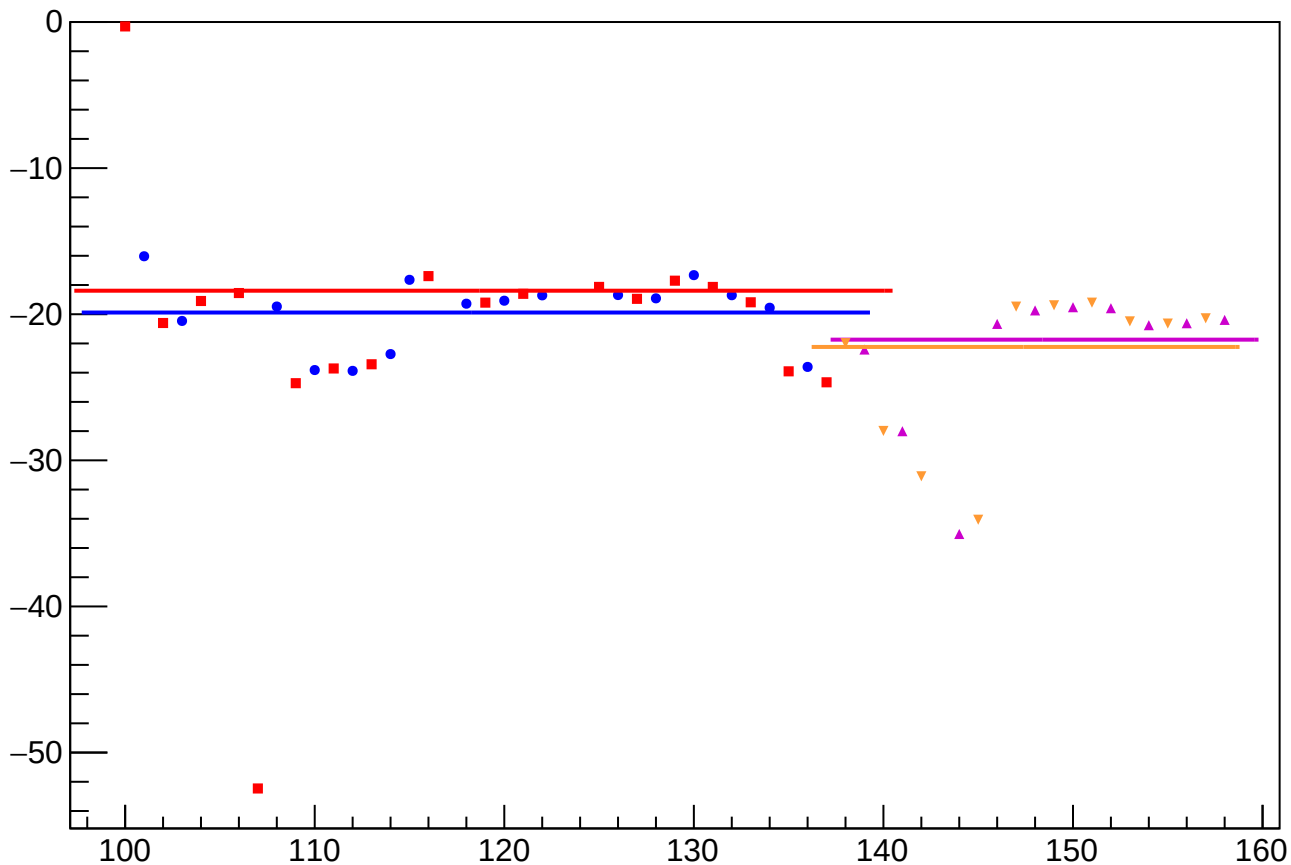
Left In: 9.299 ± 0.256 $\chi^2/\text{NDF}: 245.5/9$

+ sign 6.786 ± 0.183 $\chi^2/\text{NDF}: 798.3/25$

All: 6.604 ± 0.129 $\chi^2/\text{NDF}: 1869.2/53$

- sign 6.428 ± 0.180 $\chi^2/\text{NDF}: 1068.9/27$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 χ^2/NDF : 26063.5/15

Left Out: -22.239 ± 0.013 χ^2/NDF : 112967.8/9

Right Out: -18.390 ± 0.015 χ^2/NDF : 301247.7/17

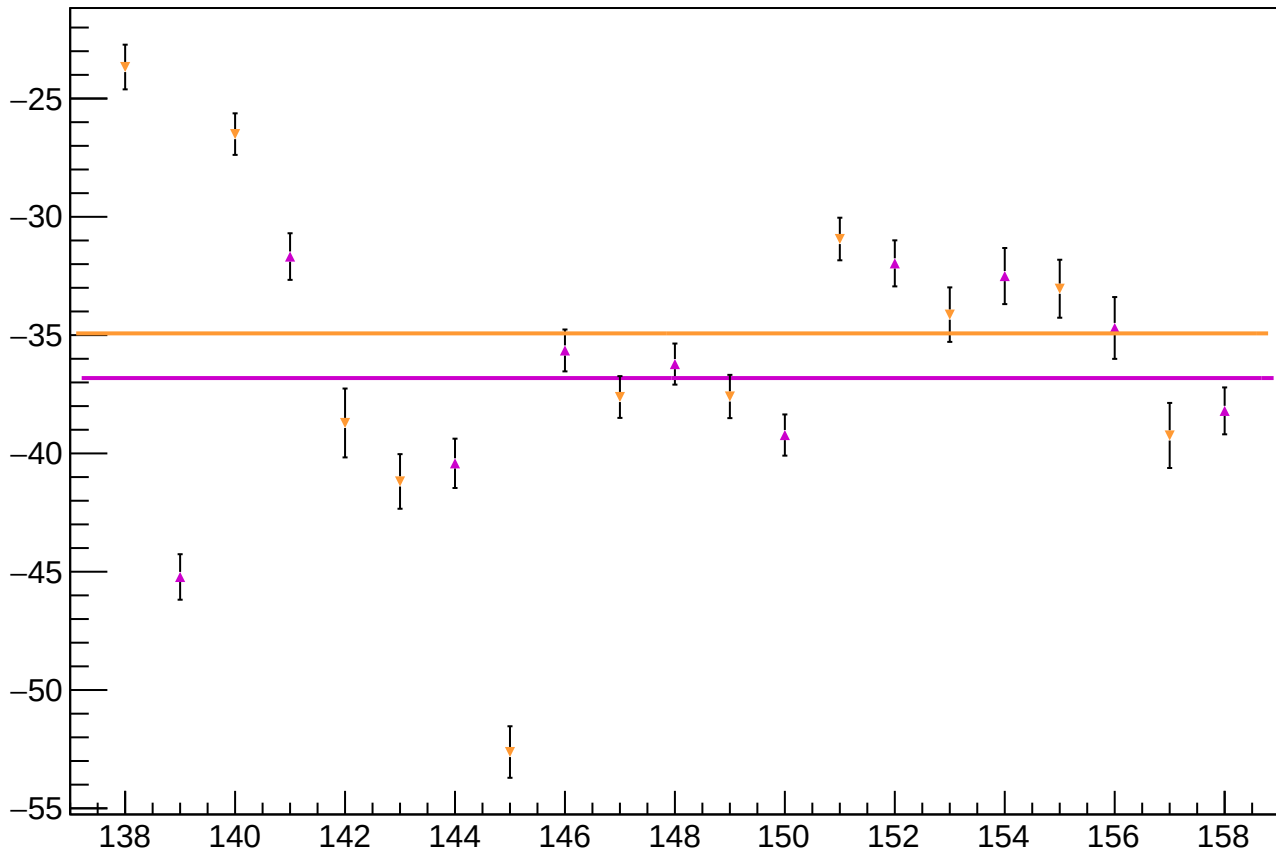
Left In: -21.740 ± 0.012 χ^2/NDF : 94478.5/9

+ sign -21.255 ± 0.010 χ^2/NDF : 152384.0/25

All: -20.791 ± 0.007 χ^2/NDF : 582909.0/53

- sign -20.388 ± 0.009 χ^2/NDF : 426536.4/27

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.927 $\pm$ 0.314 χ^2 /NDF:584.3/10

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

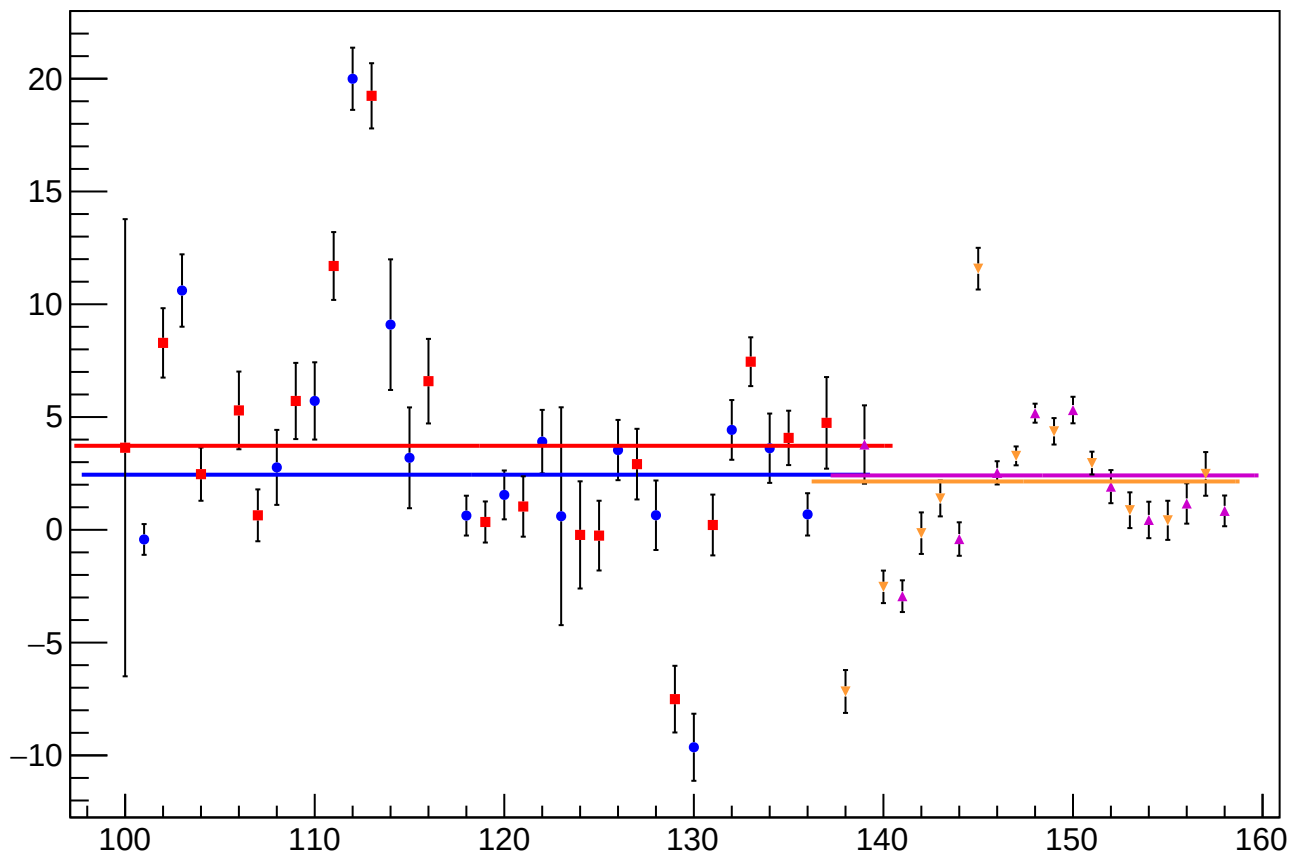
Left In: -36.815 $\pm$ 0.311 χ^2 /NDF:168.0/9

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

All: -35.879 $\pm$ 0.221 χ^2 /NDF: 770.5/20

- 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 χ^2/NDF : 295.3/16

Left Out: 2.144 ± 0.206 χ^2/NDF : 280.3/10

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

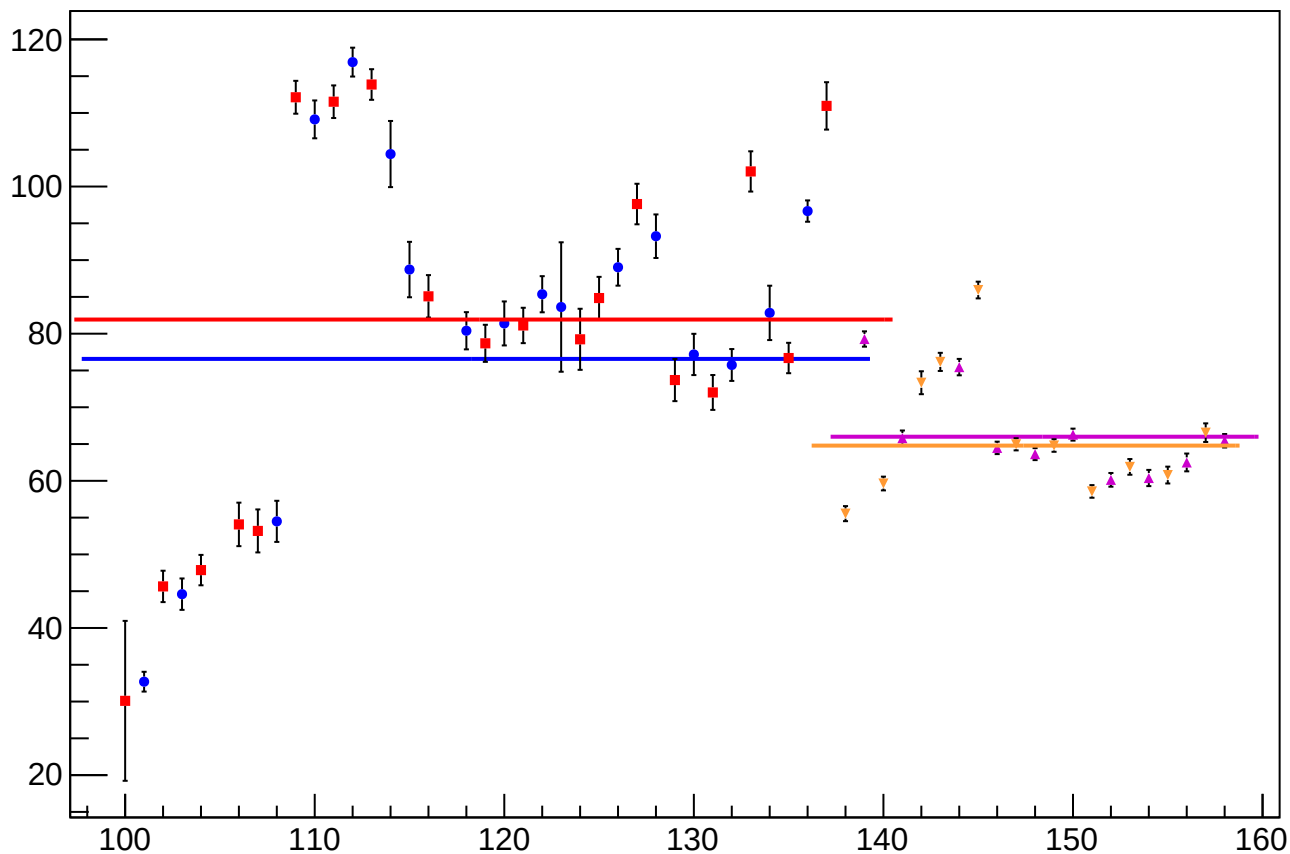
Left In: 2.412 ± 0.207 χ^2/NDF : 154.0/9

+ sign 2.236 ± 0.172 χ^2/NDF : 576.2/27

All: 2.507 ± 0.123 χ^2/NDF : 1015.9/56

- sign 2.789 ± 0.175 χ^2/NDF : 434.6/28

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2/NDF : 2253.6/16

Left Out: 64.788 $\pm$ 0.310 χ^2/NDF : 647.0/10

Right Out: 81.923 $\pm$ 0.592 χ^2/NDF : 1570.6/18

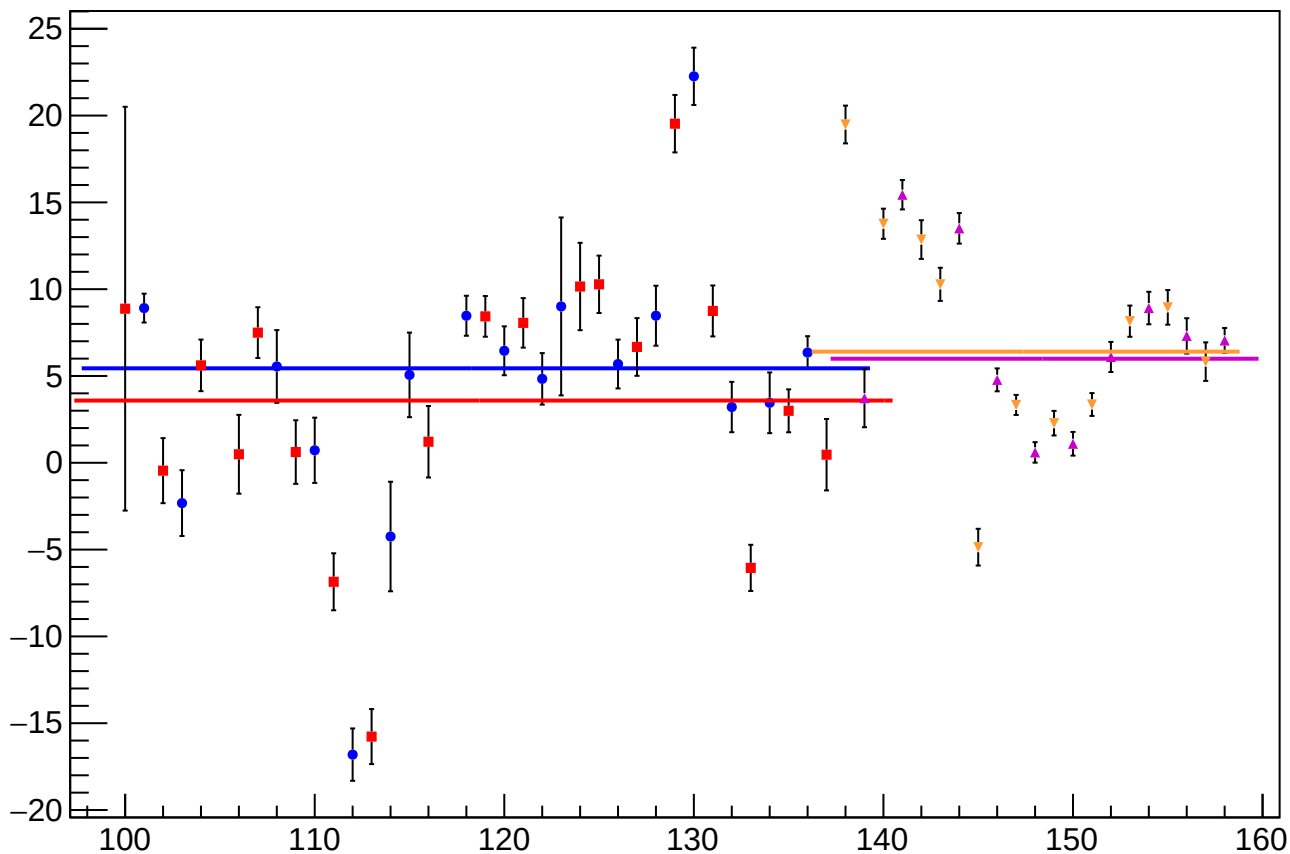
Left In: 65.996 $\pm$ 0.303 χ^2/NDF : 320.7/9

+ sign 67.455 $\pm$ 0.273 χ^2/NDF : 3227.5/27

All: 68.388 $\pm$ 0.192 χ^2/NDF : 5715.8/56

- sign 69.300 $\pm$ 0.270 χ^2/NDF : 2465.1/28

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 6.402 ± 0.255 $\chi^2/\text{NDF}: 473.9/10$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

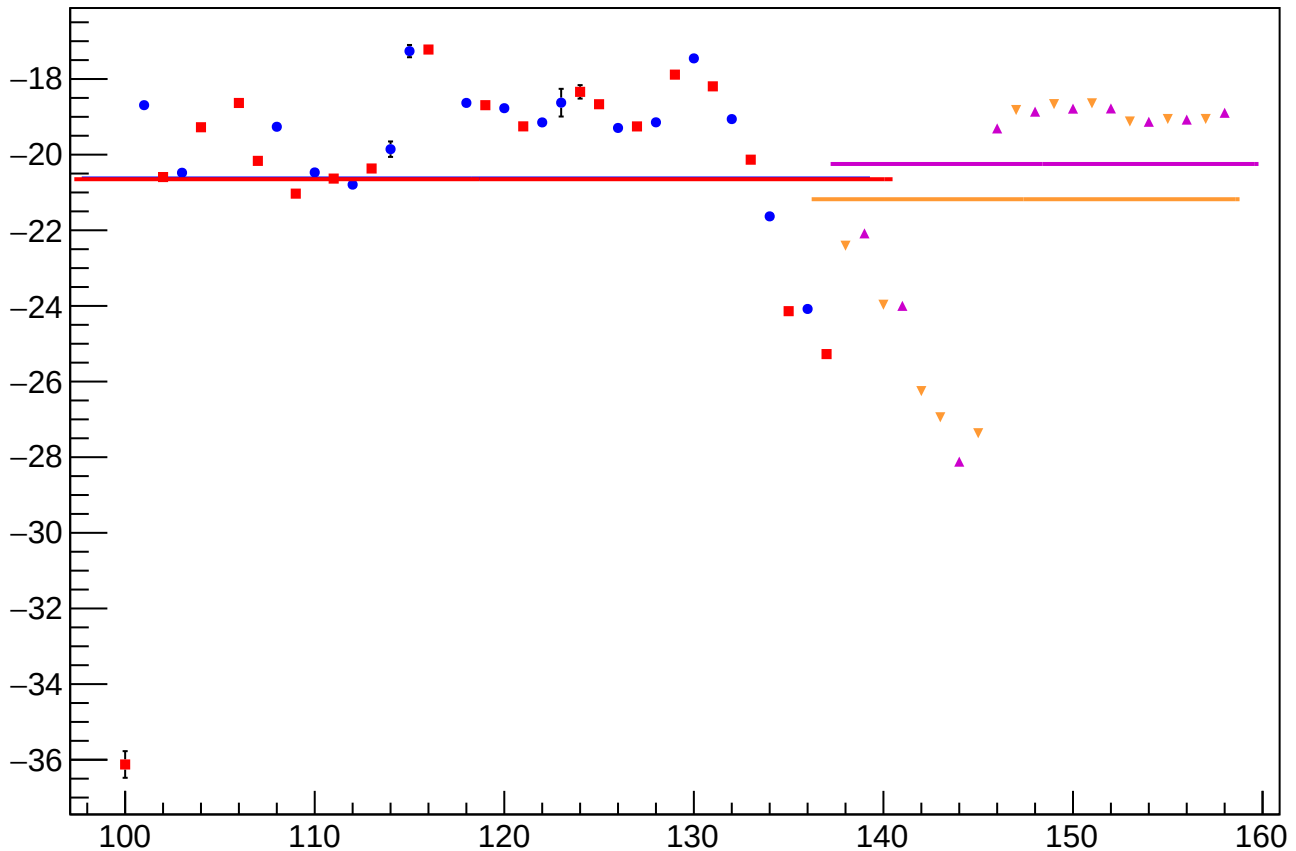
Left In: 5.994 ± 0.252 $\chi^2/\text{NDF}: 351.8/9$

+ sign 6.077 ± 0.208 $\chi^2/\text{NDF}: 866.2/27$

All: 5.664 ± 0.147 $\chi^2/\text{NDF}: 1677.5/56$

- sign 5.245 ± 0.209 $\chi^2/\text{NDF}: 803.4/28$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -21.179 ± 0.013 $\chi^2/\text{NDF}: 65859.9/10$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

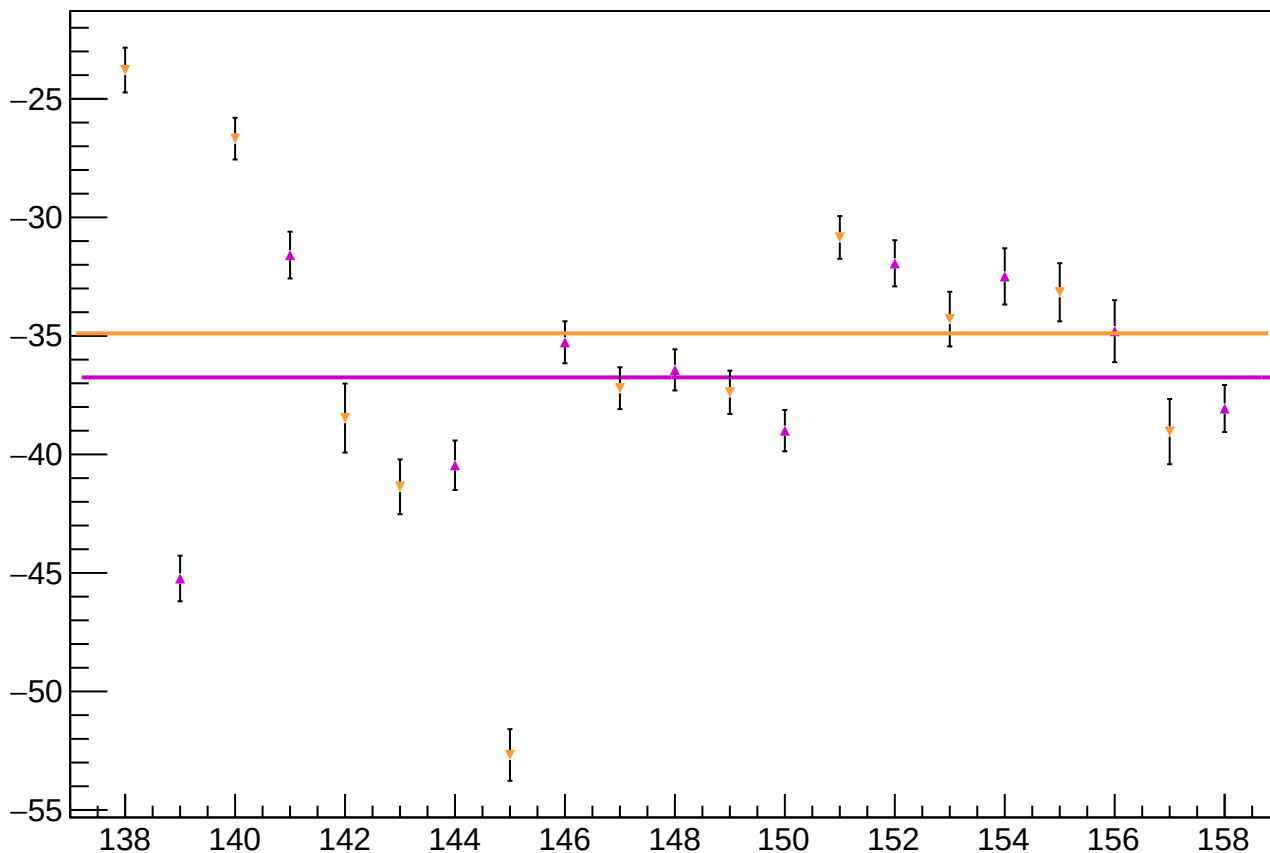
Left In: -20.247 ± 0.012 $\chi^2/\text{NDF}: 45250.5/9$

+ sign -21.016 ± 0.011 $\chi^2/\text{NDF}: 78918.6/27$

All: -20.676 ± 0.007 $\chi^2/\text{NDF}: 140383.0/56$

- sign -20.358 ± 0.010 $\chi^2/\text{NDF}: 59447.8/28$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.891+/-0.314 χ^2/NDF : 575.1/10

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

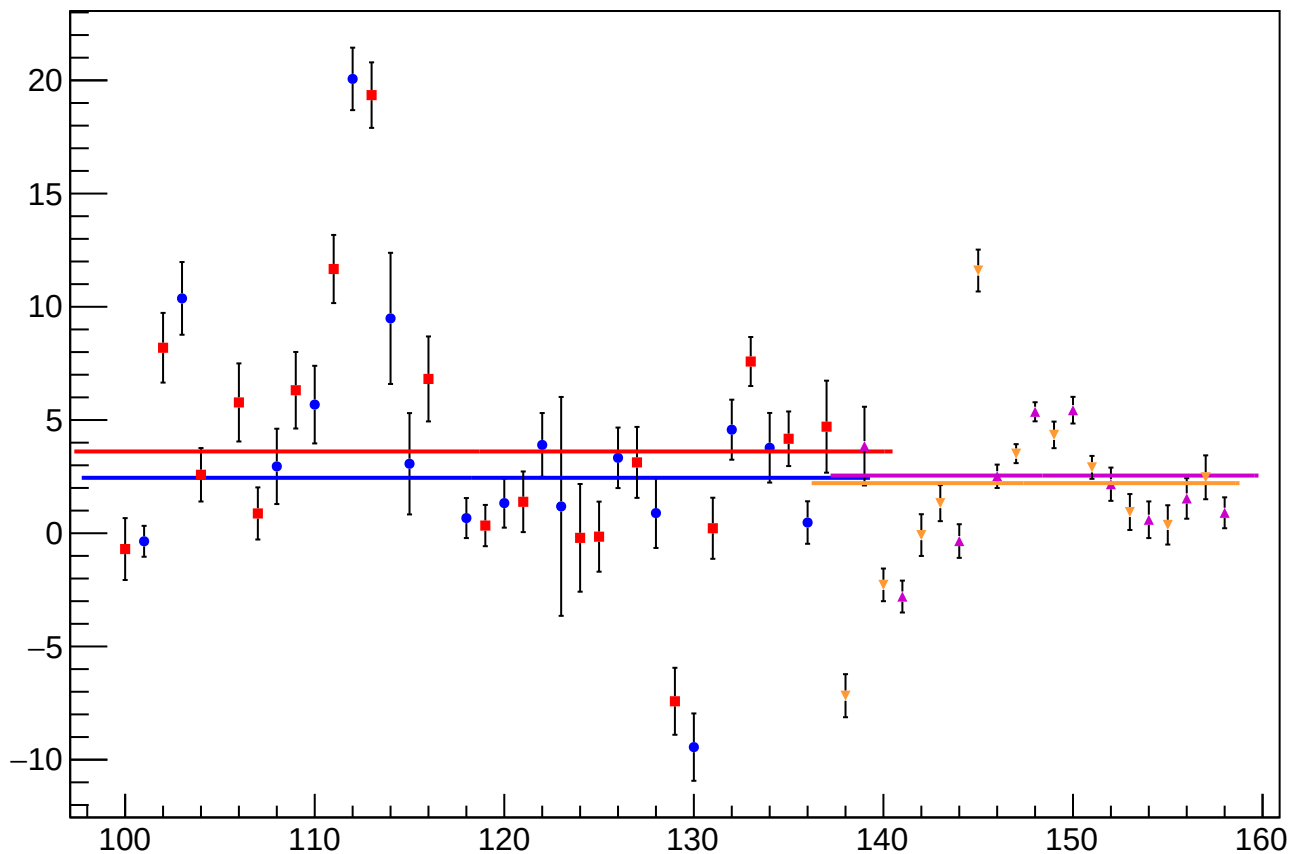
Left In: -36.750+/-0.311 χ^2/NDF : 168.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

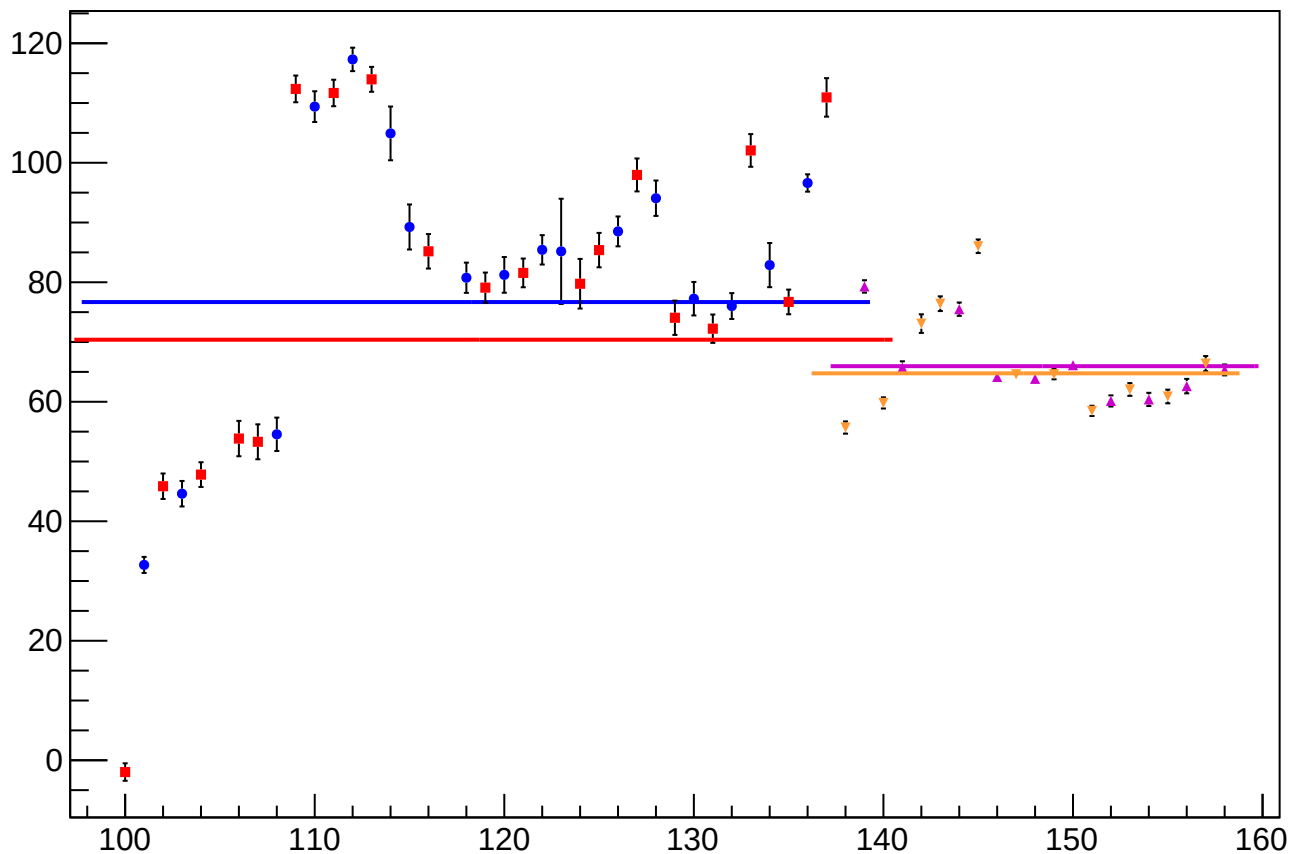
All: -35.829+/-0.221 χ^2/NDF : 761.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 64.758 $\pm$ 0.310 χ^2 /NDF: 646.5/10

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

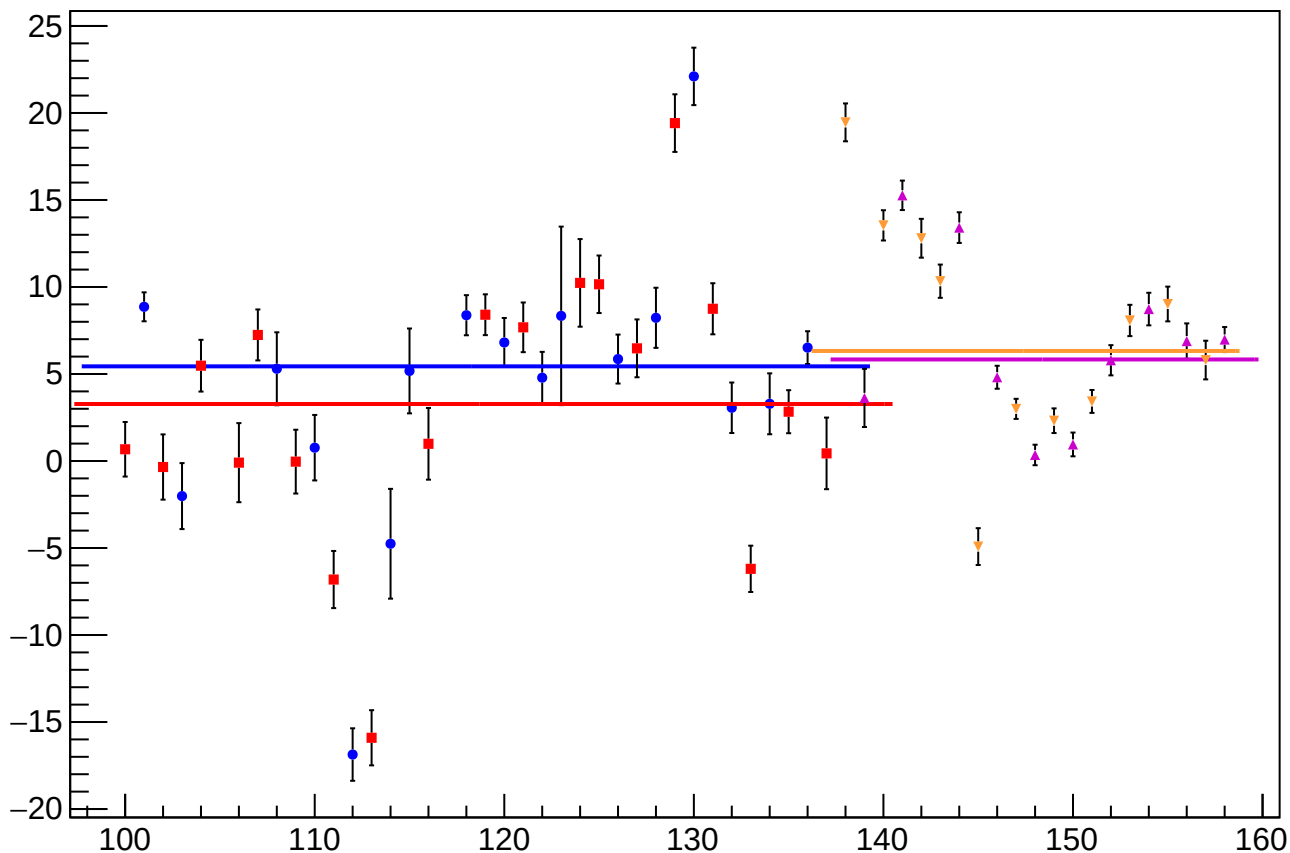
Left In: 65.955 $\pm$ 0.303 χ^2 /NDF: 321.0/9

+ sign 67.458 $\pm$ 0.273 χ^2 /NDF: 3246.1/27

All: 67.217 $\pm$ 0.190 χ^2 /NDF: 8009.6/56

- sign 66.988 $\pm$ 0.265 χ^2 /NDF: 4761.9/28

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.323 ± 0.256 $\chi^2/\text{NDF}: 474.5/10$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

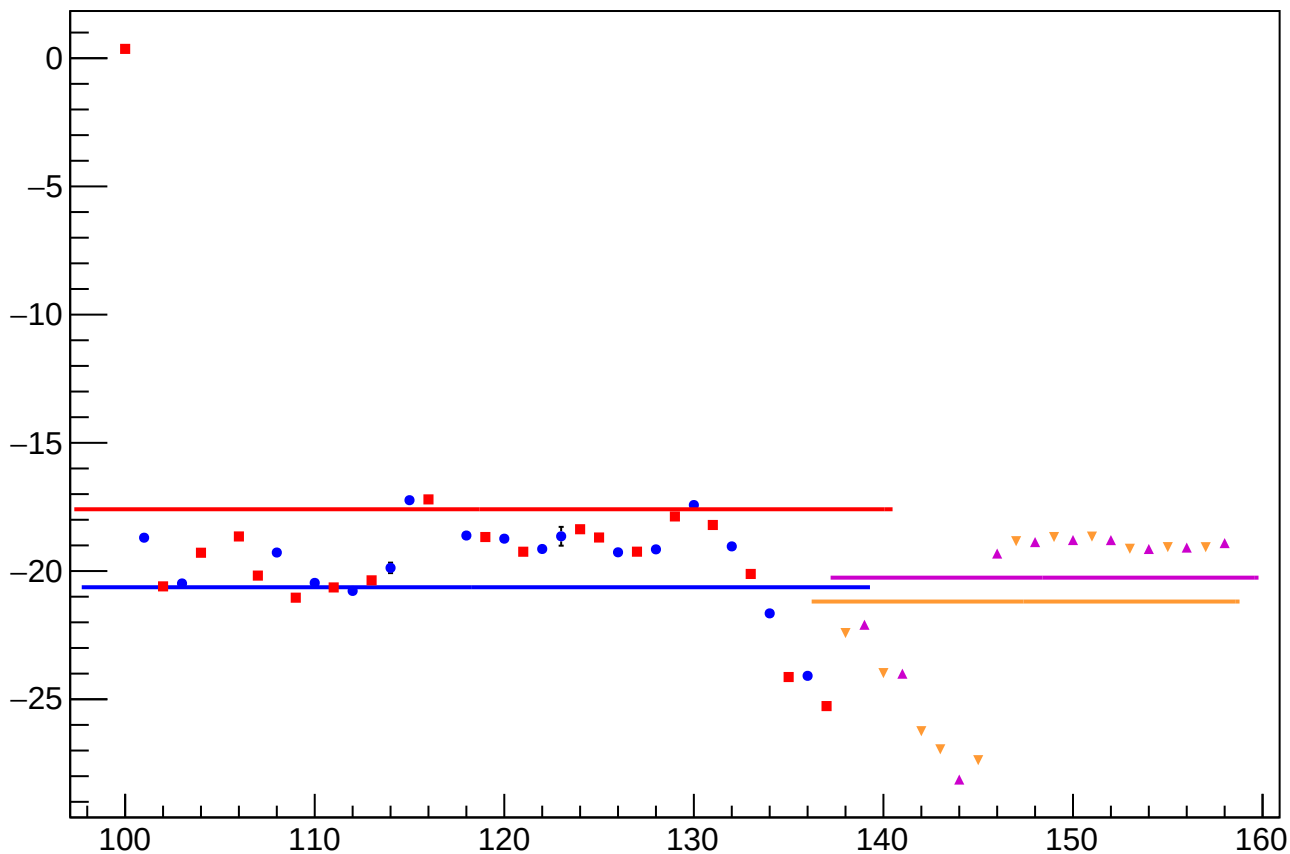
Left In: 5.835 ± 0.252 $\chi^2/\text{NDF}: 353.4/9$

+ sign 6.024 ± 0.208 $\chi^2/\text{NDF}: 864.5/27$

All: 5.516 ± 0.147 $\chi^2/\text{NDF}: 1688.8/56$

- sign 5.009 ± 0.208 $\chi^2/\text{NDF}: 812.4/28$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -21.189 ± 0.013 $\chi^2/\text{NDF}: 65702.6/10$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

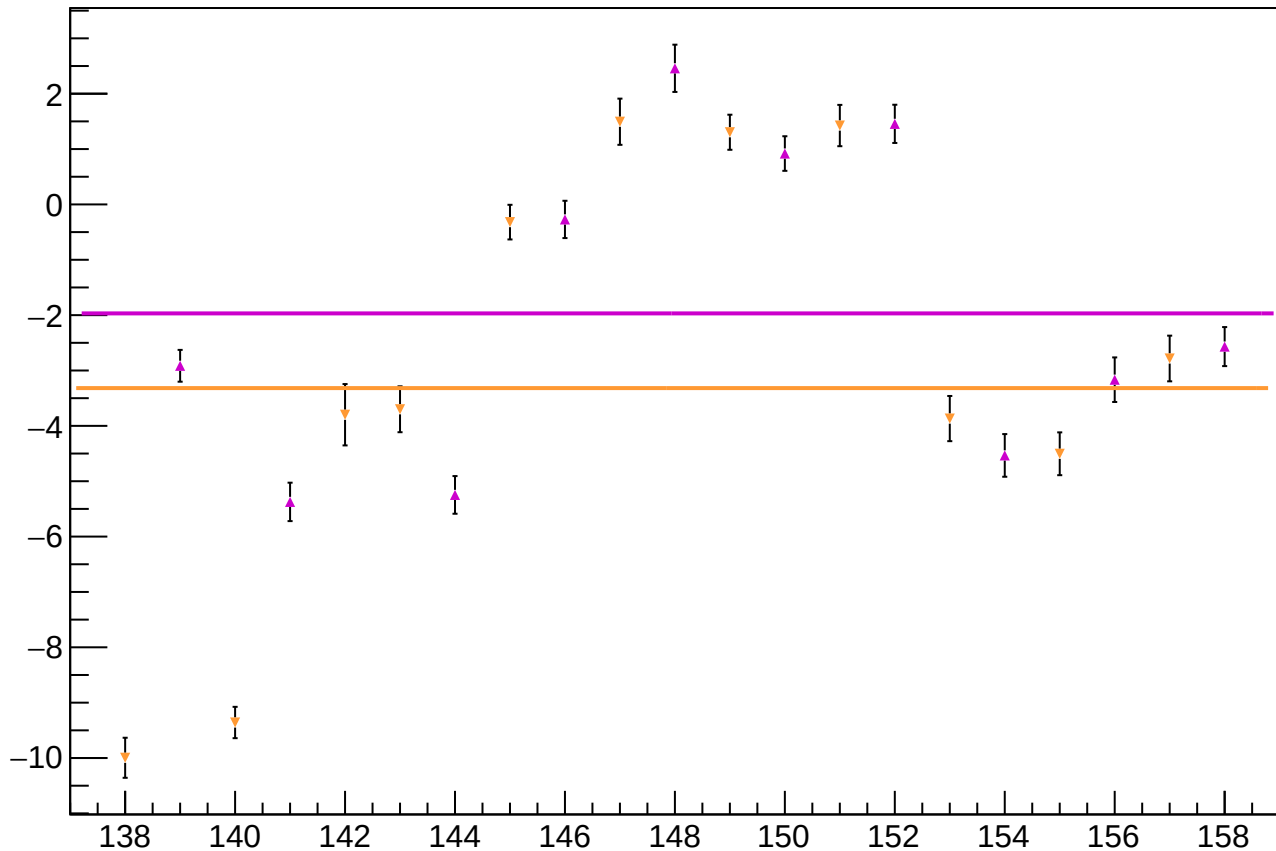
Left In: -20.258 ± 0.012 $\chi^2/\text{NDF}: 45181.2/9$

+ sign -21.023 ± 0.011 $\chi^2/\text{NDF}: 78820.5/27$

All: -20.189 ± 0.007 $\chi^2/\text{NDF}: 329802.5/56$

- sign -19.439 ± 0.010 $\chi^2/\text{NDF}: 239053.3/28$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.318+/-0.111 χ^2/NDF : 1410.2/10

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

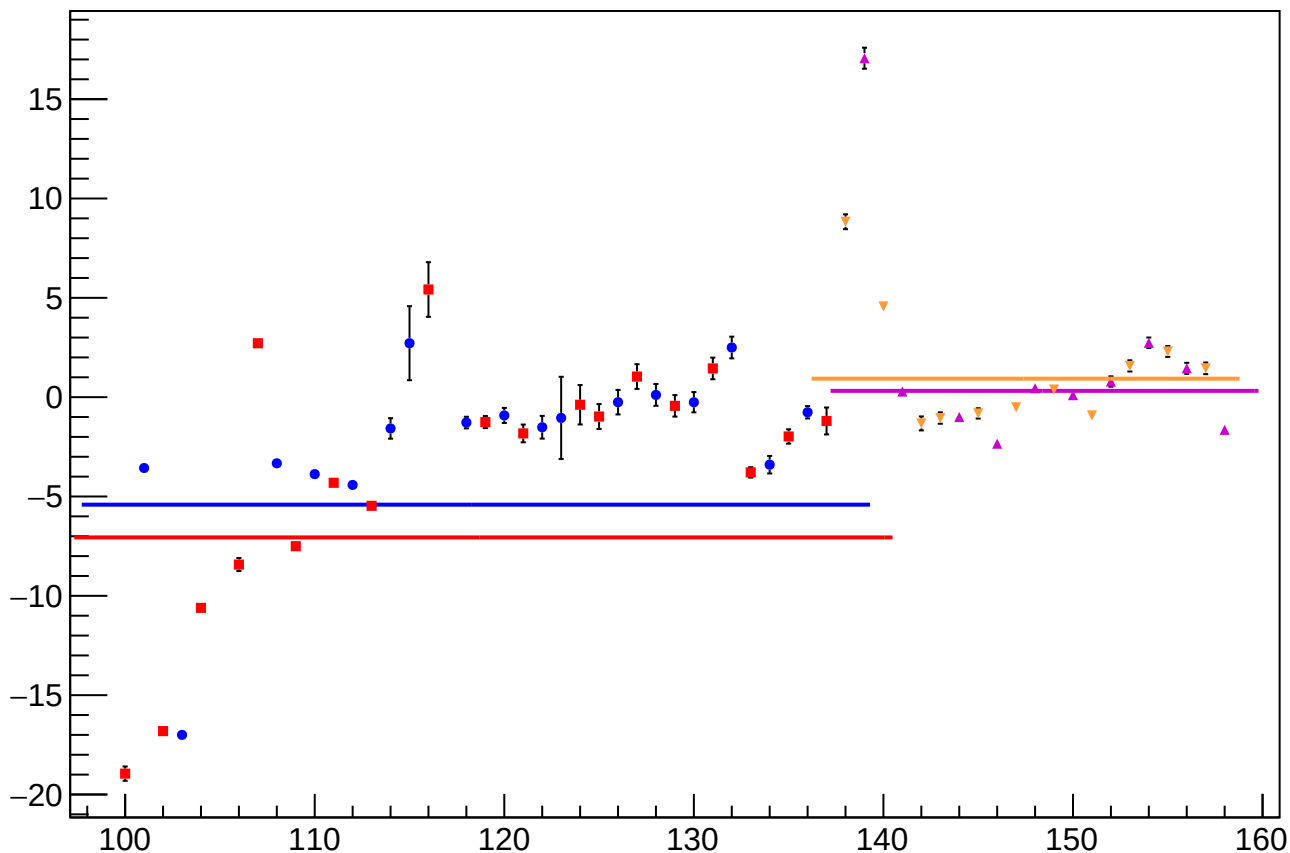
Left In: -1.968+/-0.110 χ^2/NDF : 572.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.635+/-0.078 χ^2/NDF : 2057.7/20

- 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: 0.931 ± 0.077 χ^2/NDF : 980.0/10

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

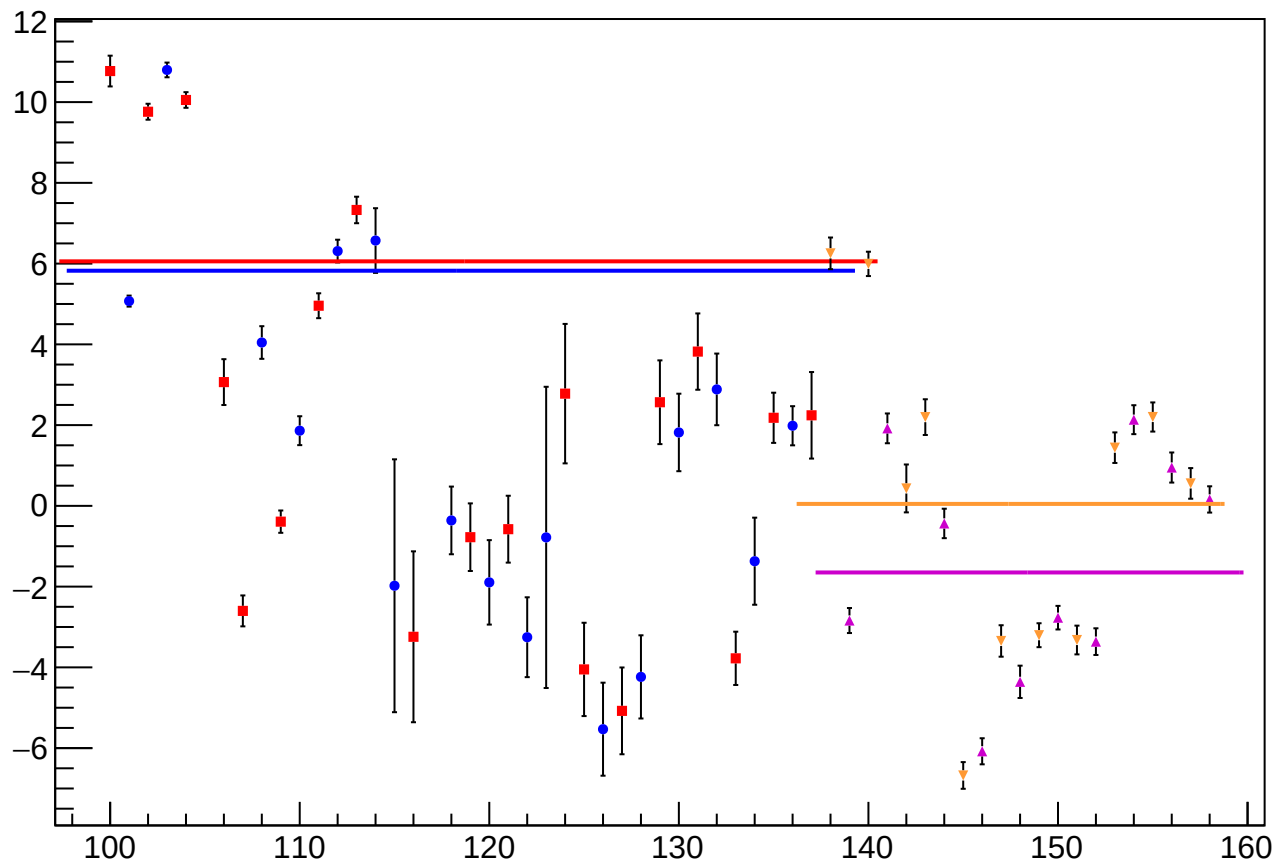
Left In: 0.318 ± 0.079 χ^2/NDF : 1357.1/9

+ sign -3.298 ± 0.045 χ^2/NDF : 14715.1/27

All: -3.817 ± 0.032 χ^2/NDF : 34327.3/56

- sign -4.395 ± 0.047 χ^2/NDF : 19327.0/28

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: 0.048 ± 0.110 χ^2/NDF : 1413.8/10

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

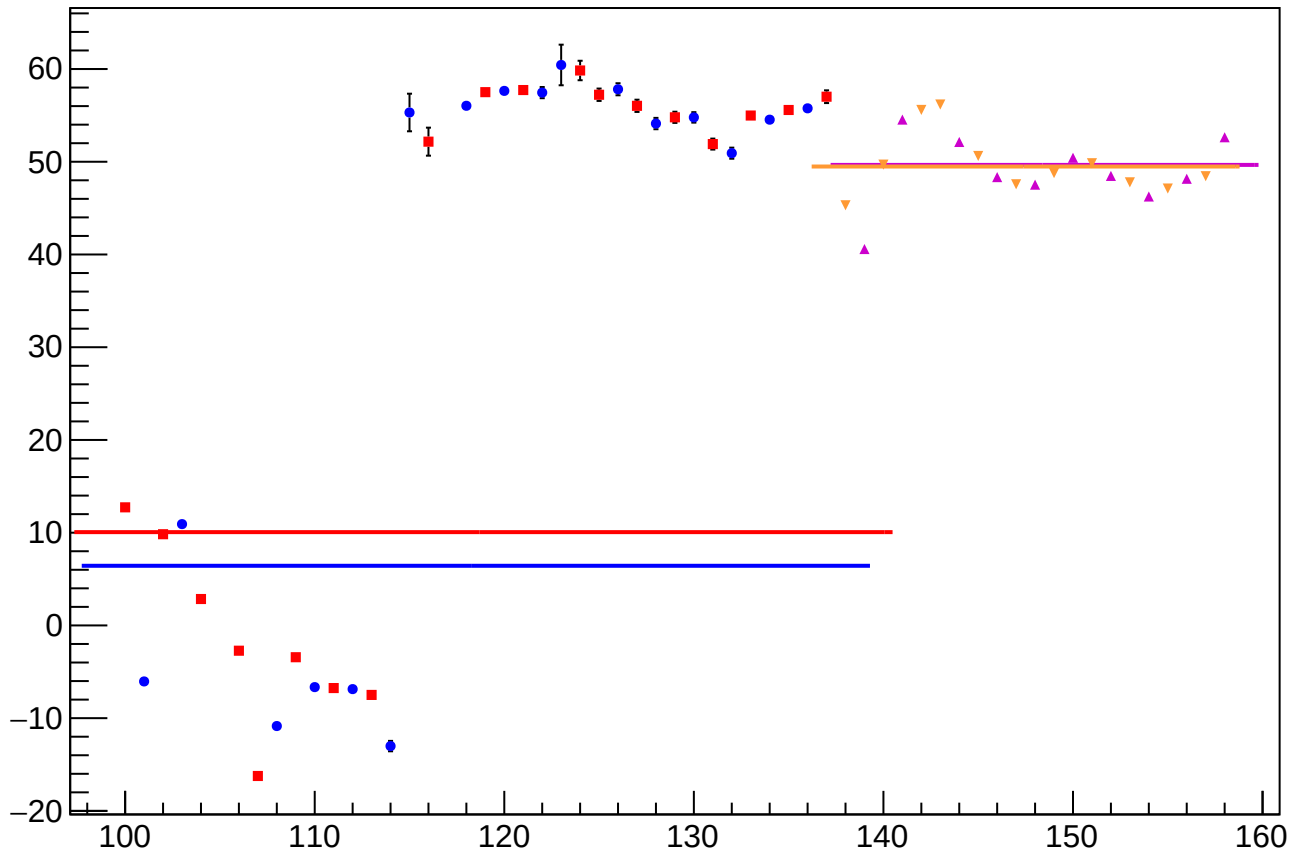
Left In: -1.650 ± 0.108 χ^2/NDF : 586.0/9

+ sign 3.530 ± 0.070 χ^2/NDF : 4516.9/27

All: 3.144 ± 0.050 χ^2/NDF : 10762.4/56

- sign 2.747 ± 0.070 χ^2/NDF : 6183.0/28

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.486 ± 0.094 χ^2/NDF : 850.7/10

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

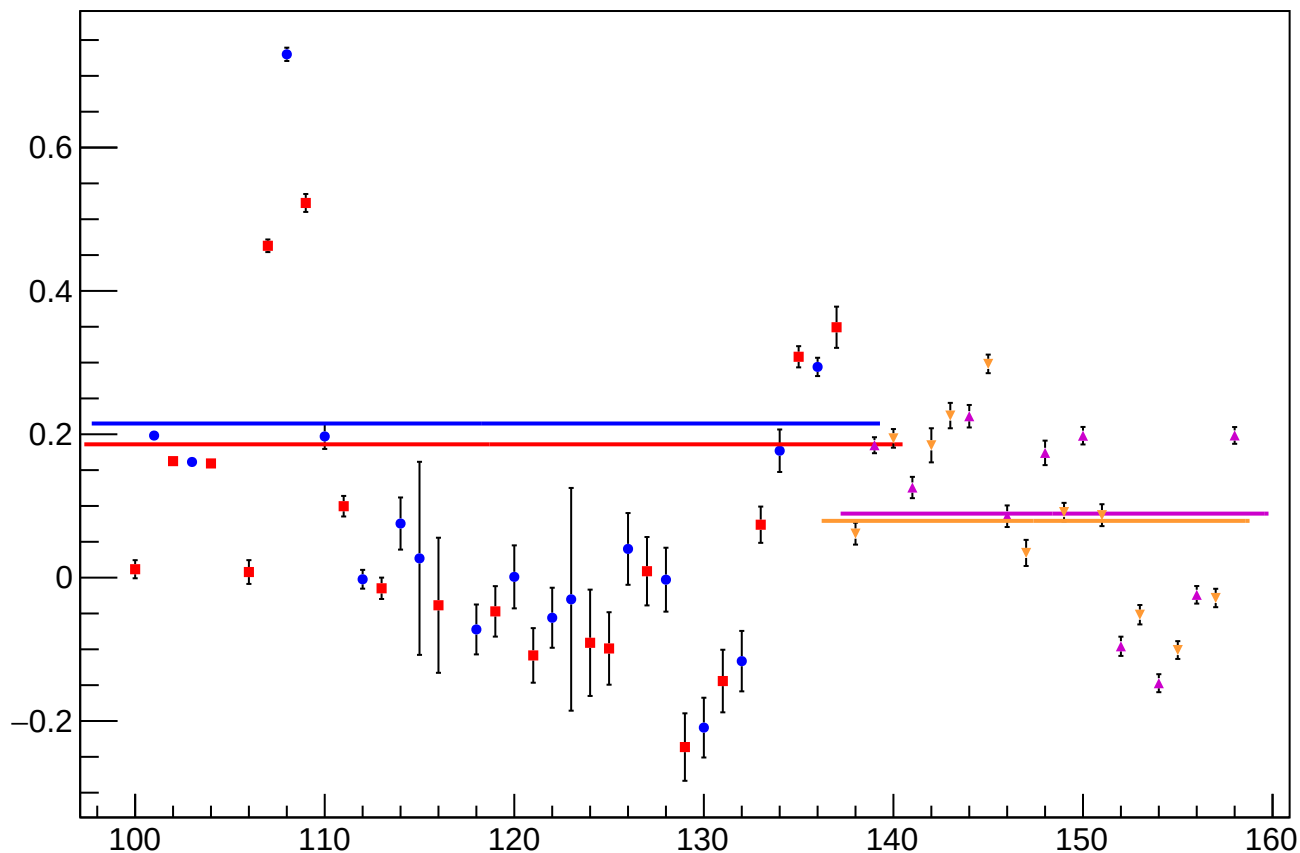
Left In: 49.660 ± 0.093 χ^2/NDF : 1043.3/9

+ sign 20.364 ± 0.053 χ^2/NDF : 267630.8/27

All: 22.276 ± 0.038 χ^2/NDF : 509724.5/56

- sign 24.373 ± 0.056 χ^2/NDF : 239387.3/28

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 χ^2/NDF : 3930.1/16

Left Out: 0.079 ± 0.004 χ^2/NDF : 834.9/10

Right Out: 0.186 ± 0.003 χ^2/NDF : 2720.3/18

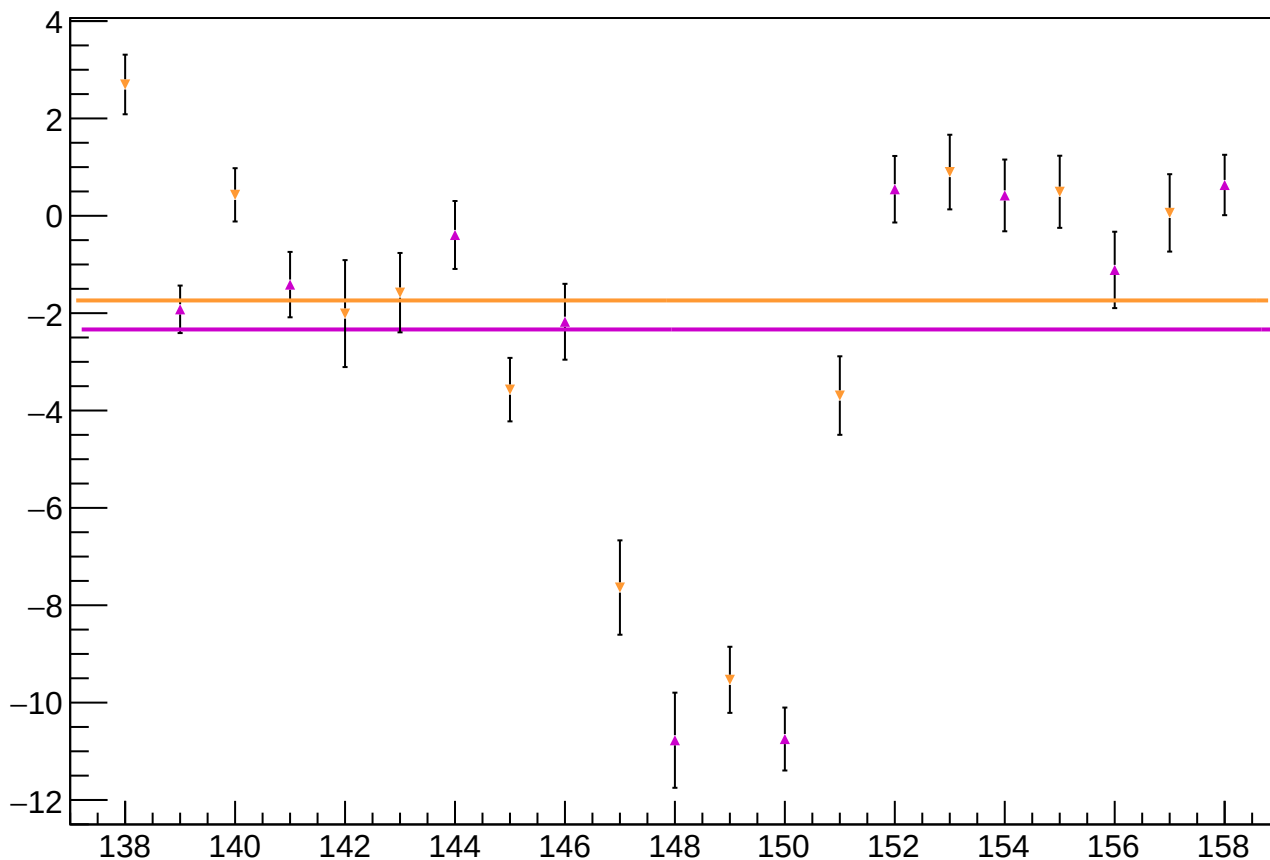
Left In: 0.089 ± 0.004 χ^2/NDF : 976.6/9

+ sign 0.176 ± 0.002 χ^2/NDF : 5455.0/27

All: 0.167 ± 0.002 χ^2/NDF : 9561.3/56

- sign 0.158 ± 0.002 χ^2/NDF : 4074.6/28

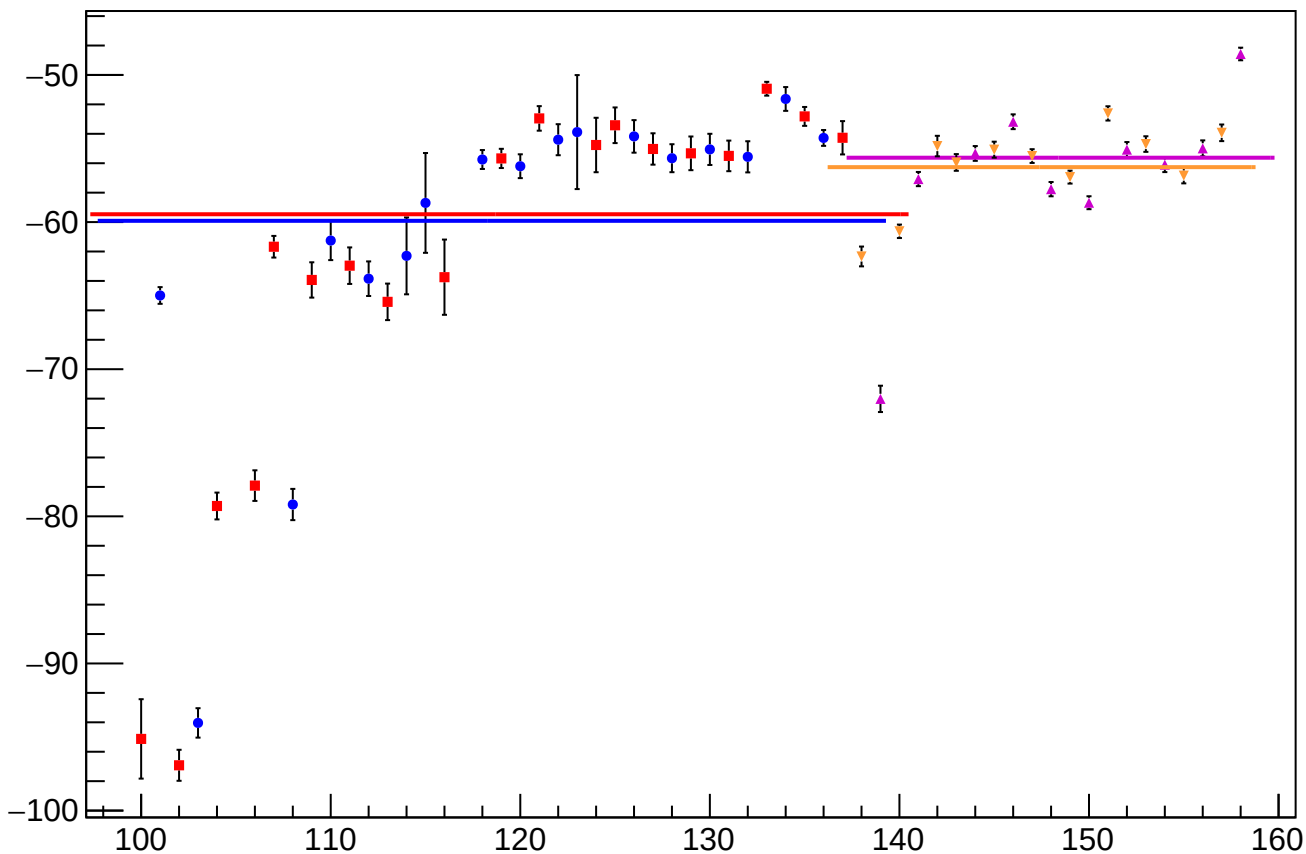
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.739+/-0.221 χ^2/NDF : 276.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.335+/-0.214 χ^2/NDF : 311.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.045+/-0.154 χ^2/NDF : 592.0/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 $\chi^2/\text{NDF}: 1979.5/16$

Left Out: -56.267 ± 0.158 $\chi^2/\text{NDF}: 270.2/10$

Right Out: -59.468 ± 0.212 $\chi^2/\text{NDF}: 2912.7/18$

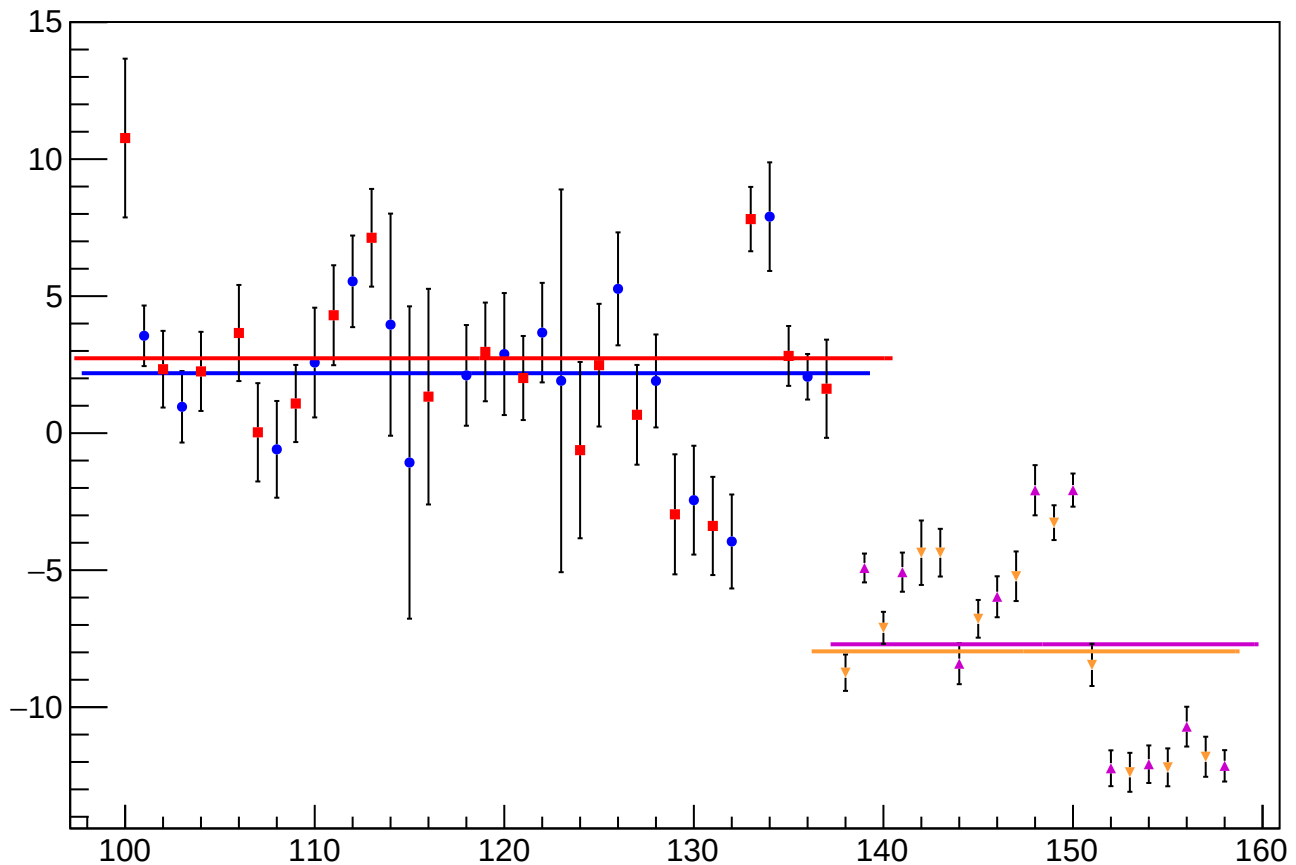
Left In: -55.625 ± 0.159 $\chi^2/\text{NDF}: 709.7/9$

+ sign -57.491 ± 0.129 $\chi^2/\text{NDF}: 2427.4/27$

All: -57.248 ± 0.091 $\chi^2/\text{NDF}: 6266.6/56$

- sign -57.012 ± 0.127 $\chi^2/\text{NDF}: 3832.2/28$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.963 ± 0.220 $\chi^2/\text{NDF}: 200.9/10$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

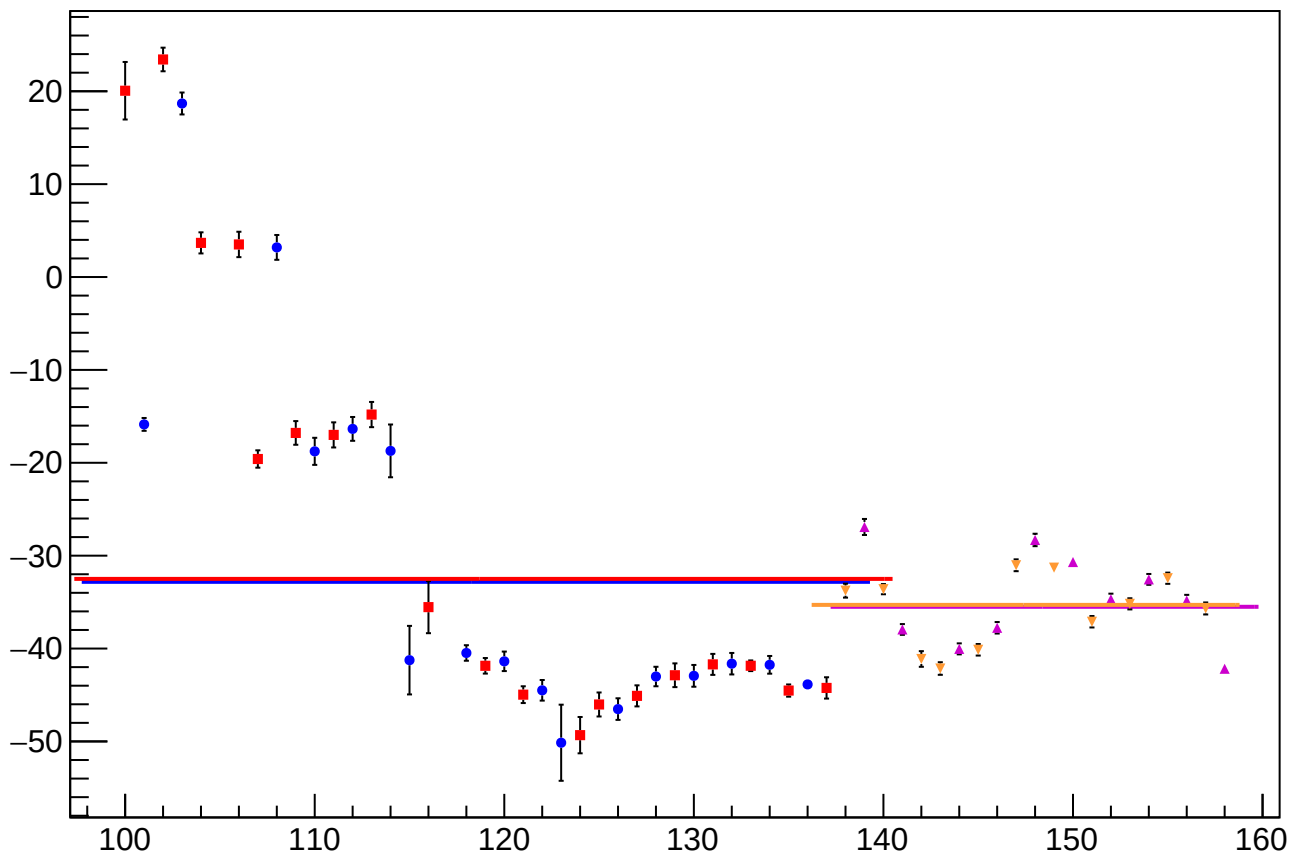
Left In: -7.705 ± 0.211 $\chi^2/\text{NDF}: 337.9/9$

+ sign -5.644 ± 0.193 $\chi^2/\text{NDF}: 726.9/27$

All: -5.476 ± 0.134 $\chi^2/\text{NDF}: 1684.6/56$

- sign -5.321 ± 0.185 $\chi^2/\text{NDF}: 956.3/28$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 χ^2/NDF : 4666.6/16

Left Out: -35.299 ± 0.190 χ^2/NDF : 357.6/10

Right Out: -32.501 ± 0.244 χ^2/NDF : 6037.9/18

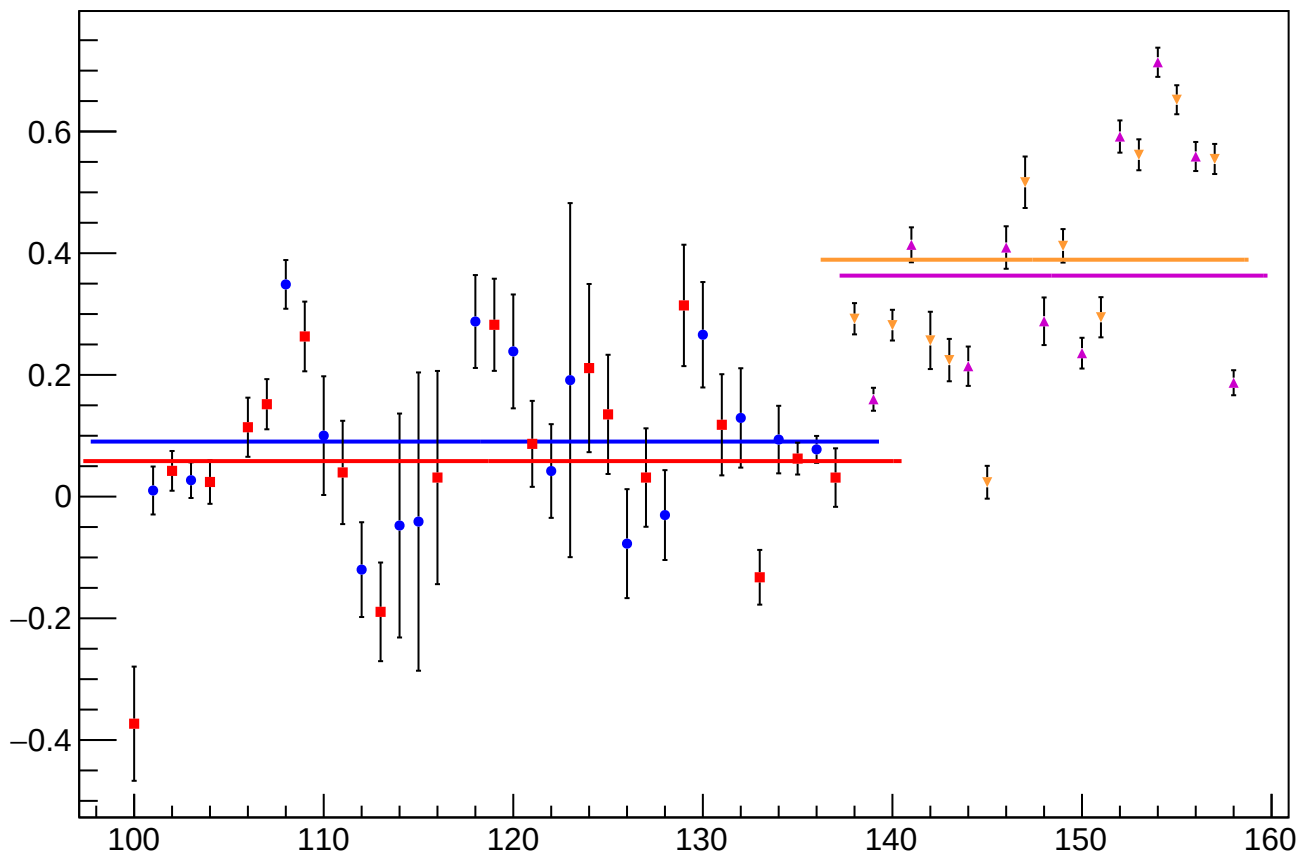
Left In: -35.505 ± 0.185 χ^2/NDF : 640.4/9

+ sign -34.410 ± 0.152 χ^2/NDF : 5085.5/27

All: -34.407 ± 0.106 χ^2/NDF : 11859.9/56

- sign -34.404 ± 0.148 χ^2/NDF : 6774.3/28

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: 0.389 ± 0.009 $\chi^2/\text{NDF}: 477.0/10$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

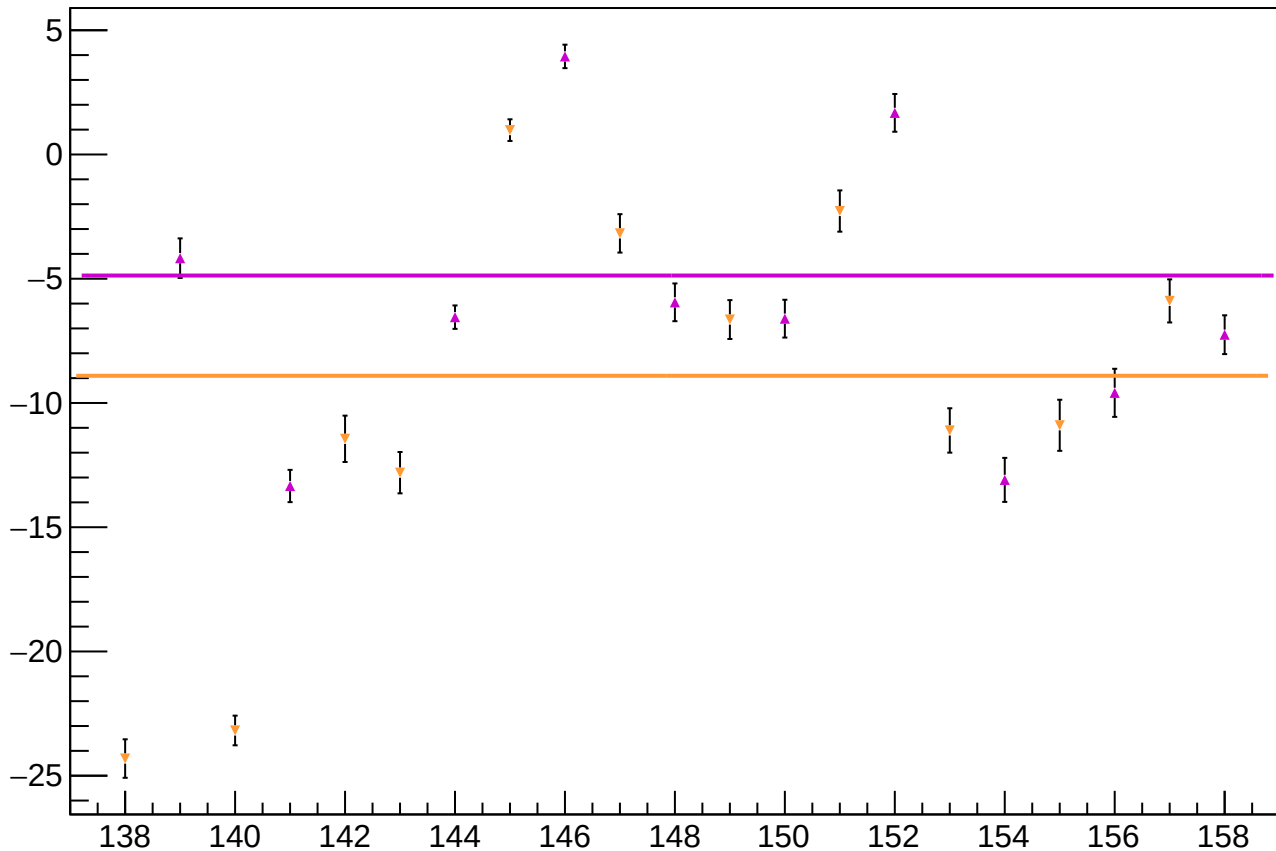
Left In: 0.363 ± 0.008 $\chi^2/\text{NDF}: 599.5/9$

+ sign 0.295 ± 0.007 $\chi^2/\text{NDF}: 934.8/27$

All: 0.282 ± 0.005 $\chi^2/\text{NDF}: 2064.9/56$

- sign 0.270 ± 0.007 $\chi^2/\text{NDF}: 1123.2/28$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.905+/-0.220 χ^2/NDF : 1660.0/10

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

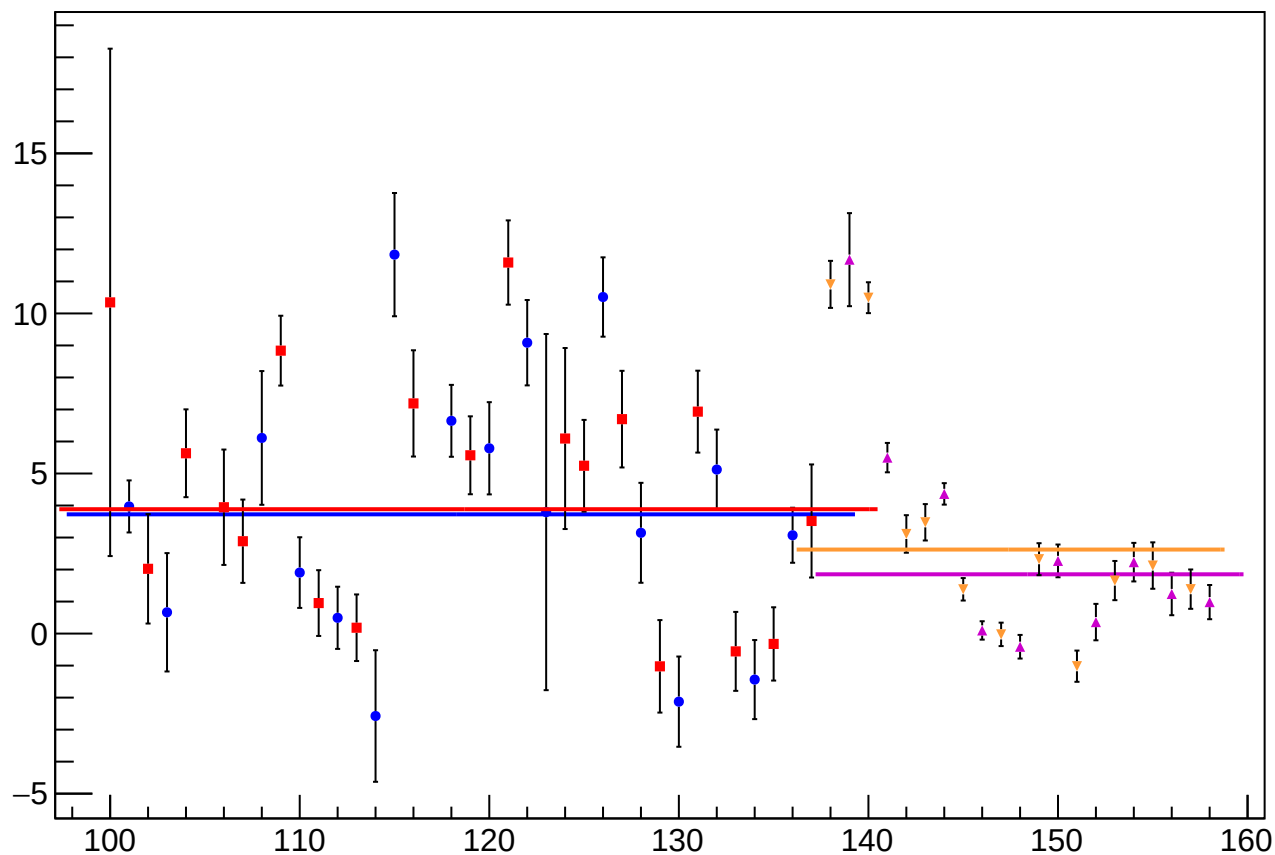
Left In: -4.872+/-0.213 χ^2/NDF : 732.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.818+/-0.153 χ^2/NDF : 2566.2/20

- 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: 2.625 ± 0.152 χ^2/NDF : 524.1/10

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

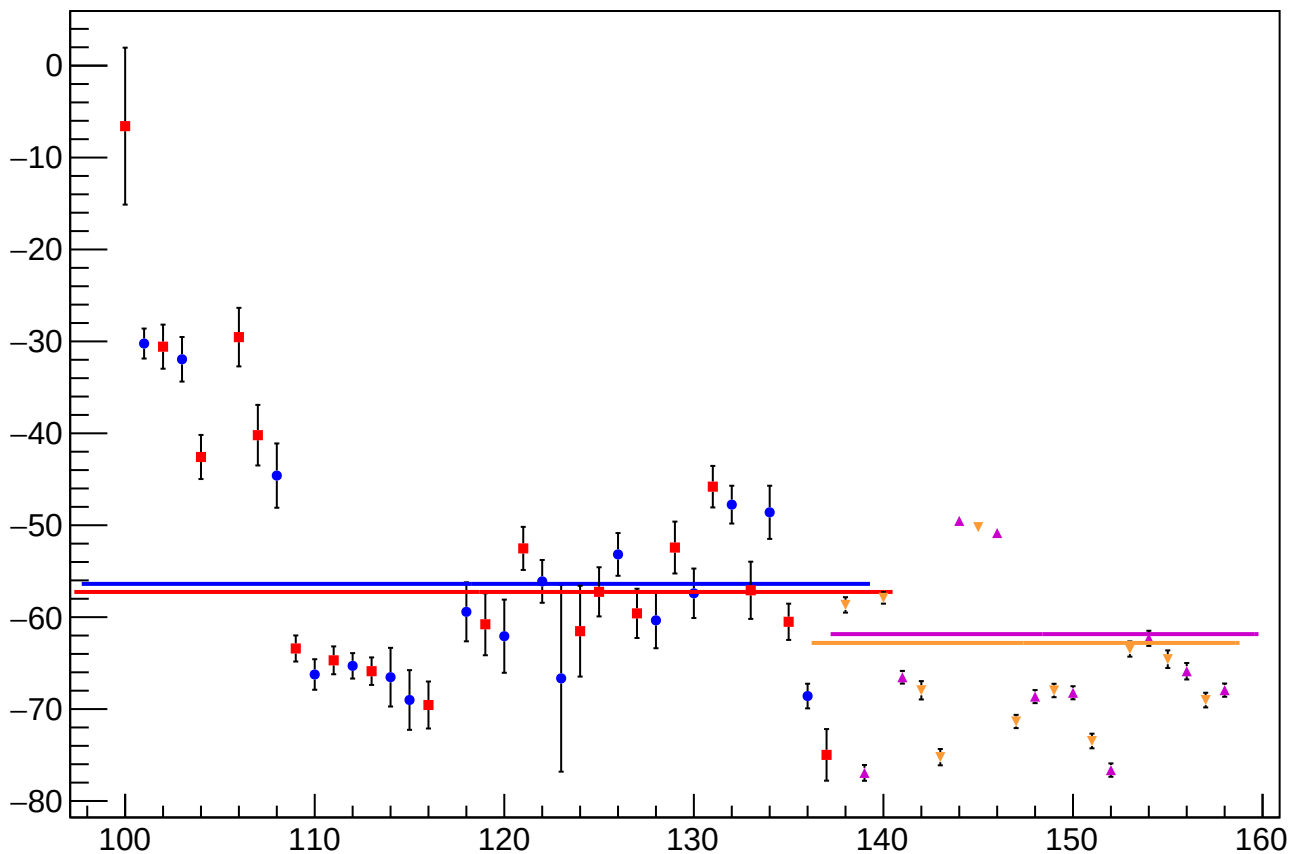
Left In: 1.852 ± 0.143 χ^2/NDF : 251.3/9

+ sign 2.840 ± 0.136 χ^2/NDF : 671.1/27

All: 2.503 ± 0.094 χ^2/NDF : 1102.7/56

- sign 2.196 ± 0.130 χ^2/NDF : 420.0/28

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -62.802 ± 0.222 χ^2/NDF : 1479.2/10

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

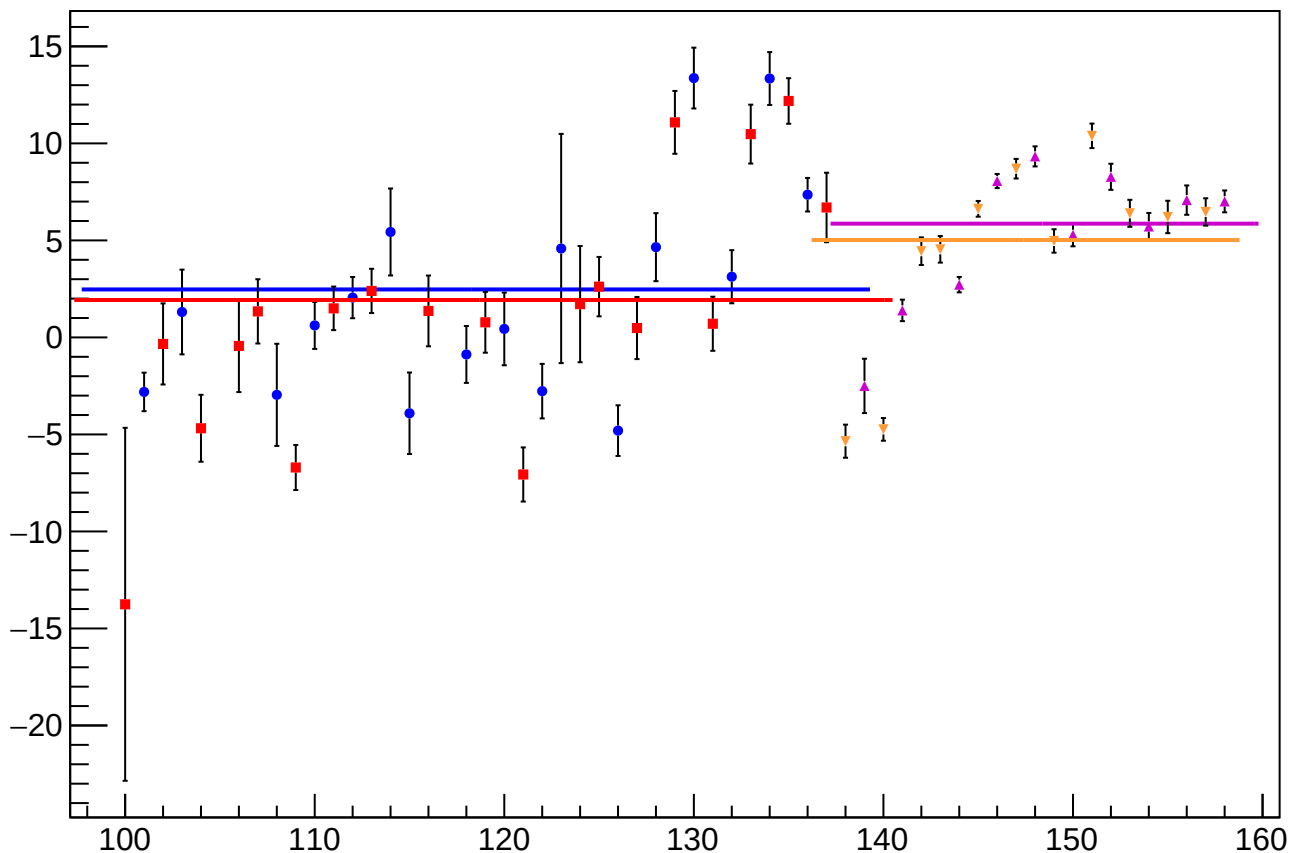
Left In: -61.844 ± 0.210 χ^2/NDF : 2214.4/9

+ sign -61.880 ± 0.205 χ^2/NDF : 2186.8/27

All: -61.541 ± 0.142 χ^2/NDF : 4946.0/56

- sign -61.235 ± 0.195 χ^2/NDF : 2754.0/28

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 5.019 ± 0.185 χ^2/NDF : 579.2/10

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

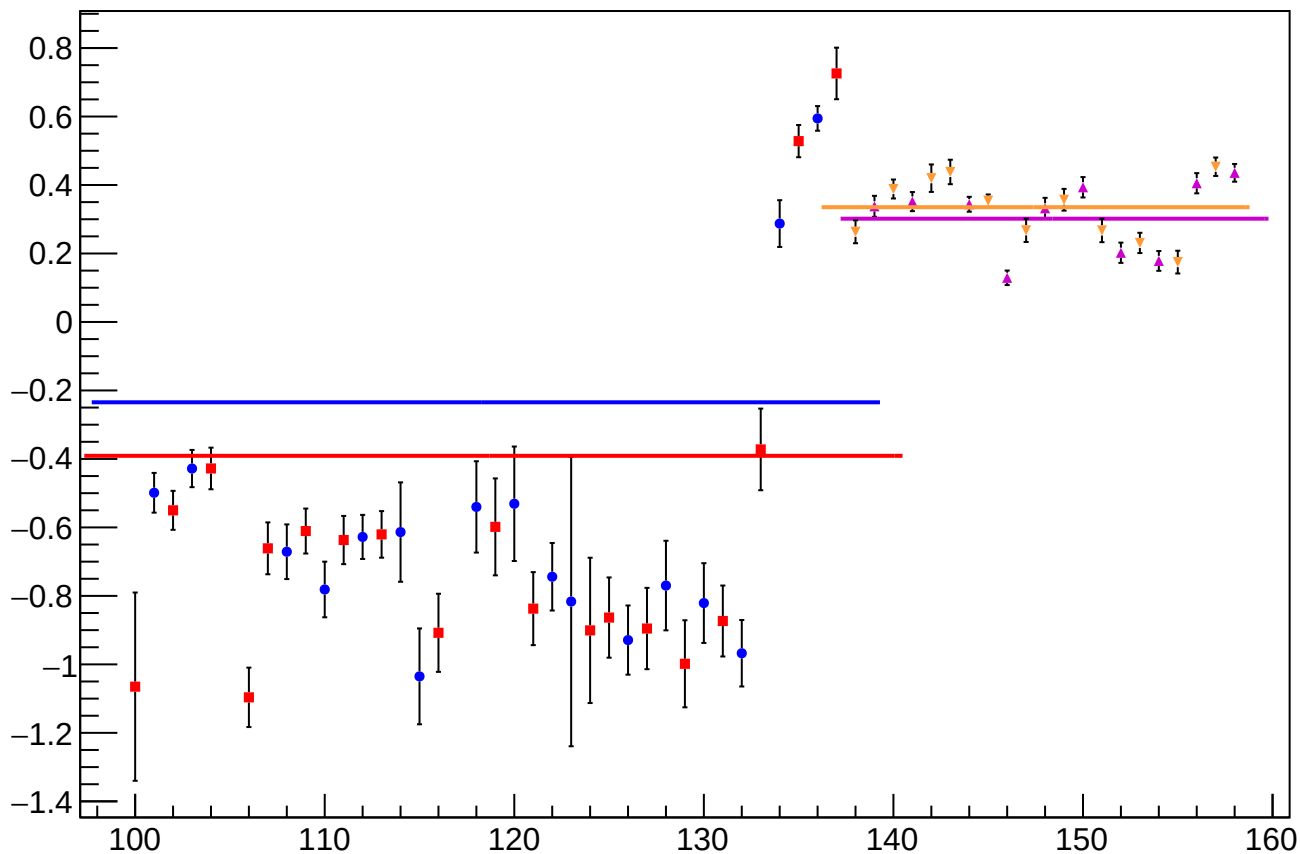
Left In: 5.863 ± 0.173 χ^2/NDF : 265.0/9

+ sign 4.451 ± 0.163 χ^2/NDF : 865.0/27

All: 4.794 ± 0.113 χ^2/NDF : 1504.4/56

- sign 5.106 ± 0.156 χ^2/NDF : 631.0/28

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.335 ± 0.009 χ^2/NDF : 85.5/10

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

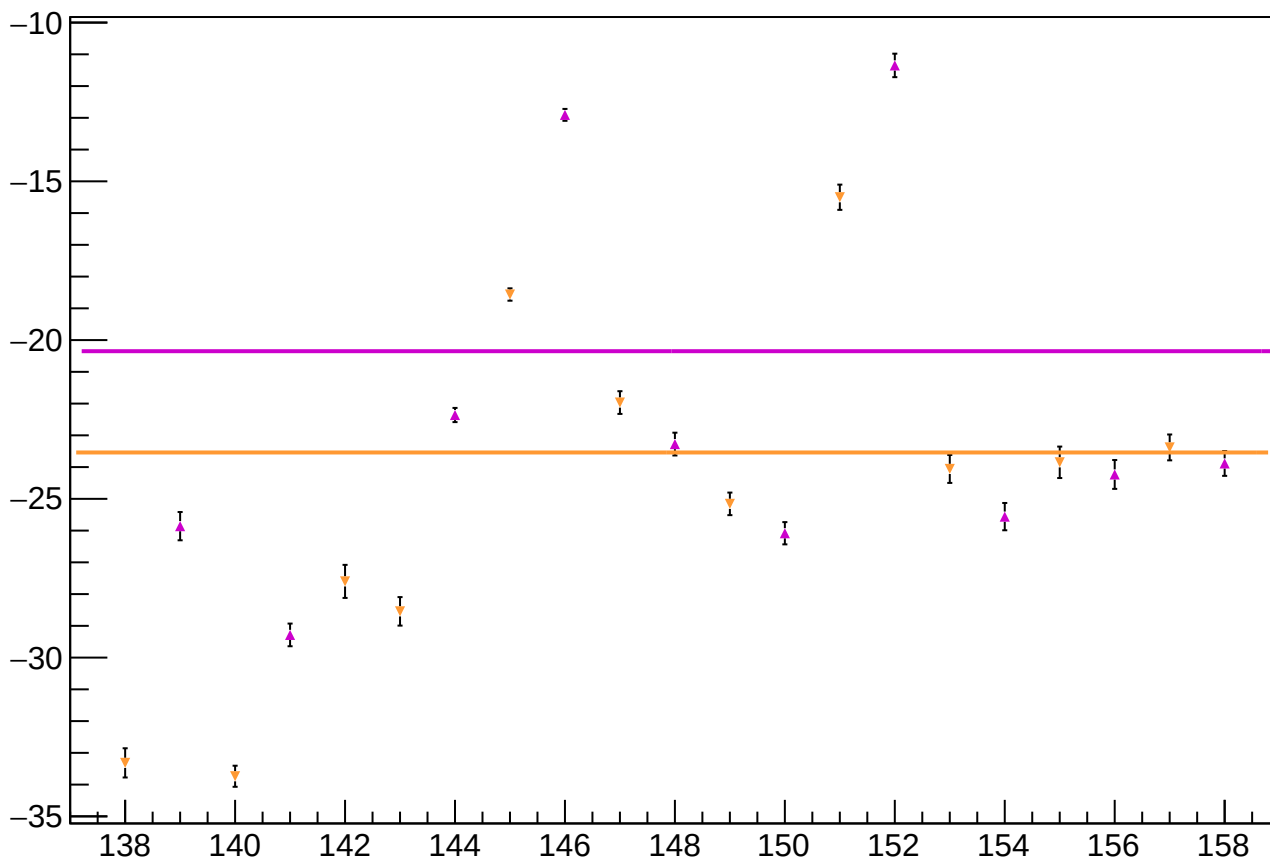
Left In: 0.302 ± 0.008 χ^2/NDF : 153.9/9

+ sign 0.232 ± 0.008 χ^2/NDF : 1791.2/27

All: 0.208 ± 0.006 χ^2/NDF : 3927.1/56

- sign 0.186 ± 0.008 χ^2/NDF : 2118.5/28

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.540+/-0.108 χ^2/NDF : 2683.0/10

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

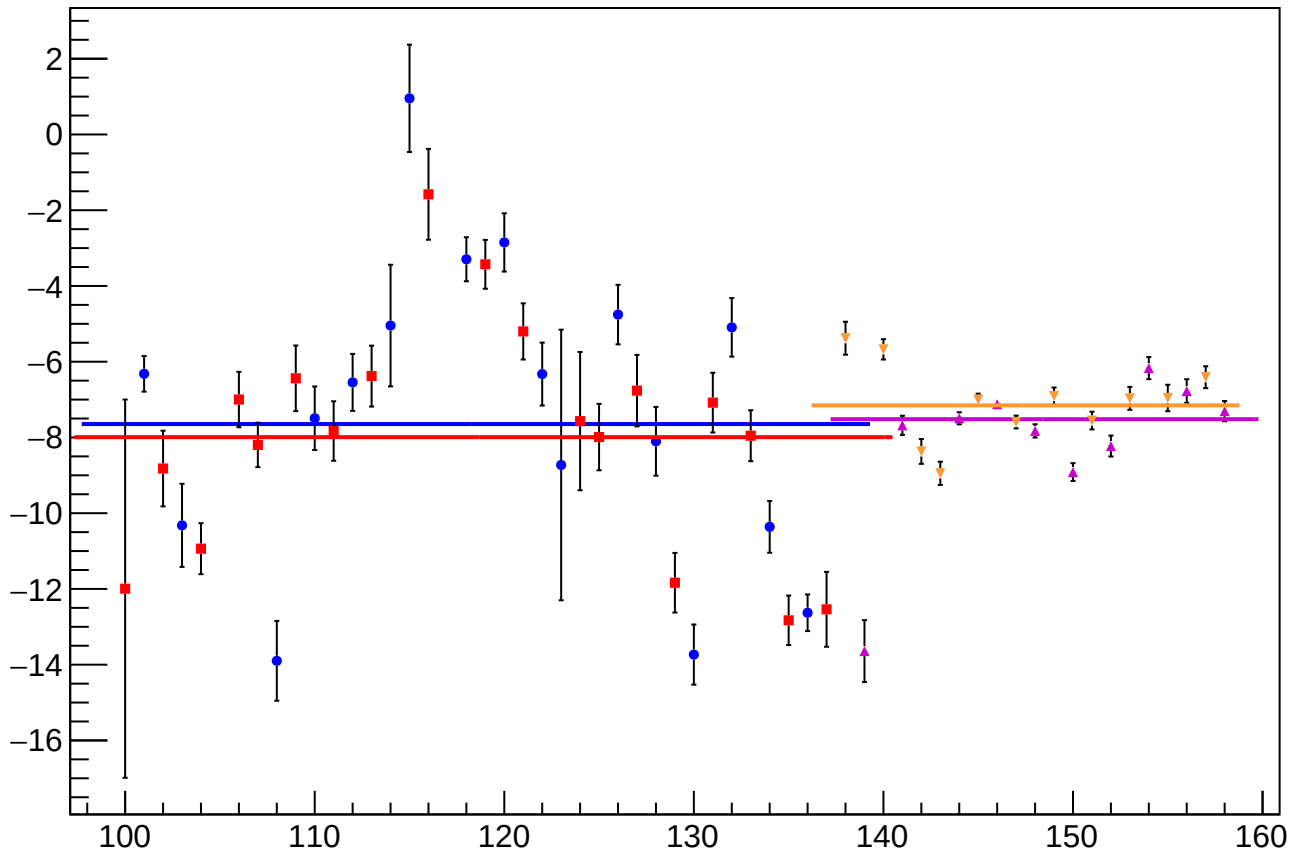
Left In: -20.350+/-0.099 χ^2/NDF : 3666.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.815+/-0.073 χ^2/NDF : 6822.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.153 ± 0.074 χ^2/NDF : 114.2/10

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

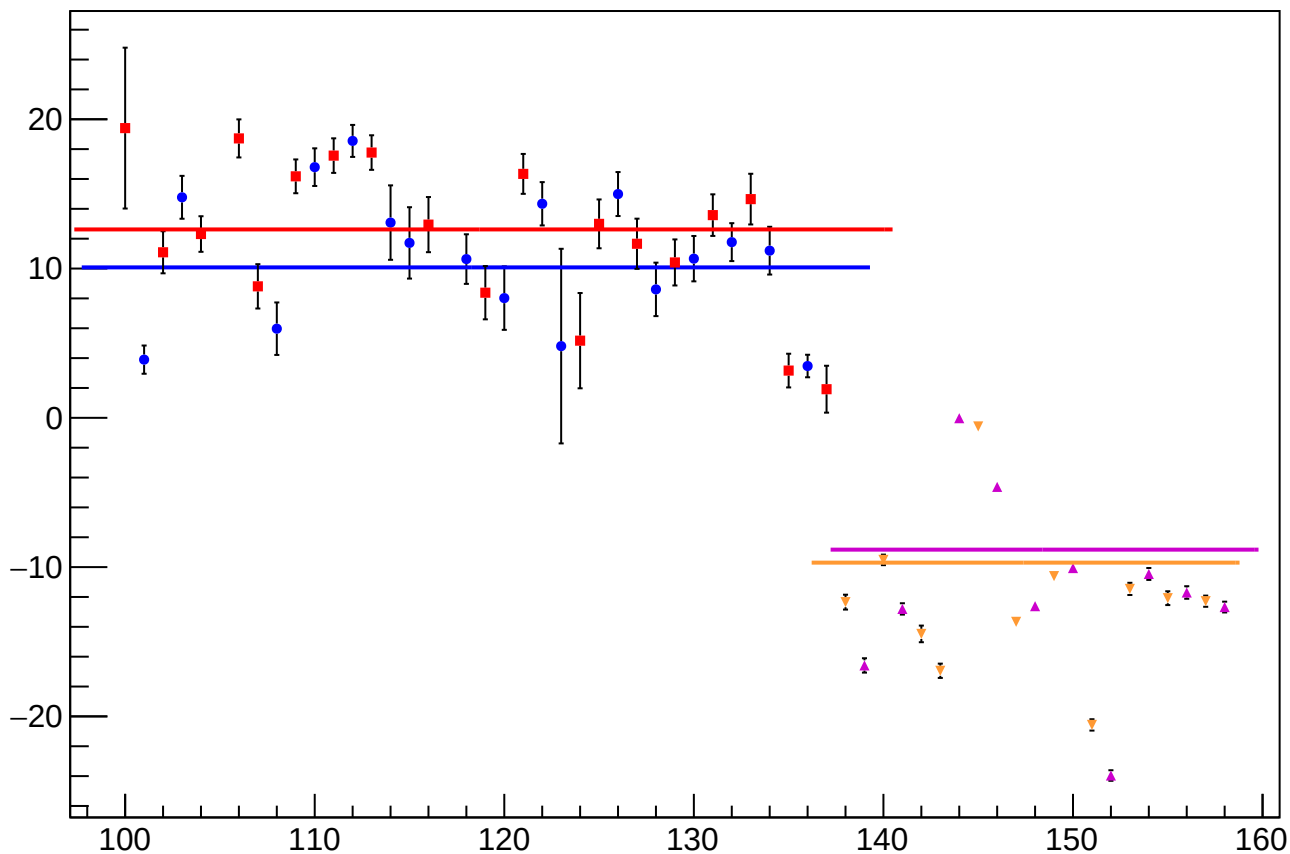
Left In: -7.518 ± 0.066 χ^2/NDF : 140.4/9

+ sign -7.221 ± 0.069 χ^2/NDF : 513.9/27

All: -7.414 ± 0.046 χ^2/NDF : 899.8/56

- sign -7.571 ± 0.062 χ^2/NDF : 371.7/28

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: -9.700 ± 0.108 $\chi^2/\text{NDF}: 3348.0/10$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

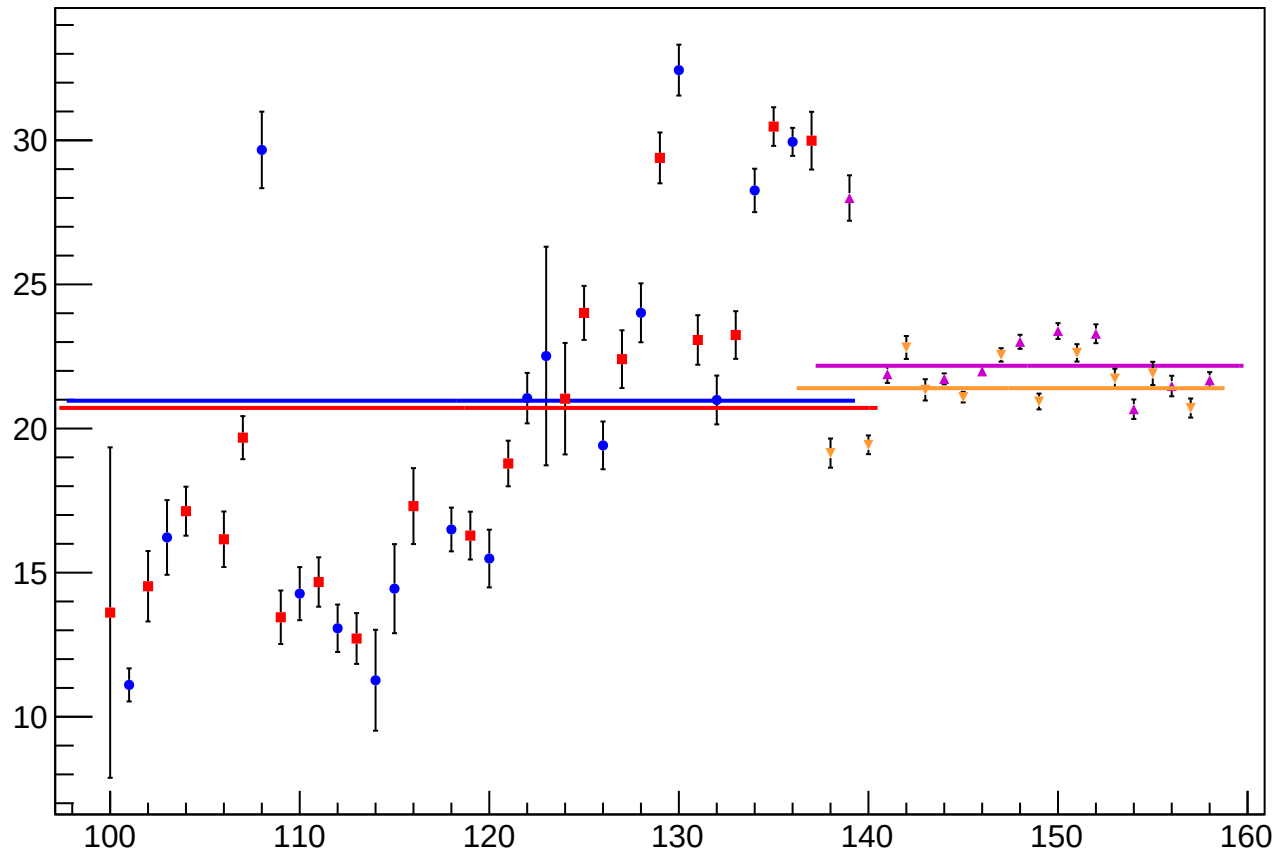
Left In: -8.830 ± 0.097 $\chi^2/\text{NDF}: 4410.3/9$

+ sign -7.859 ± 0.103 $\chi^2/\text{NDF}: 6728.4/27$

All: -7.461 ± 0.069 $\chi^2/\text{NDF}: 15219.6/56$

- sign -7.131 ± 0.094 $\chi^2/\text{NDF}: 8463.8/28$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 21.400 $\pm$ 0.090 χ^2 /NDF:122.4/10

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

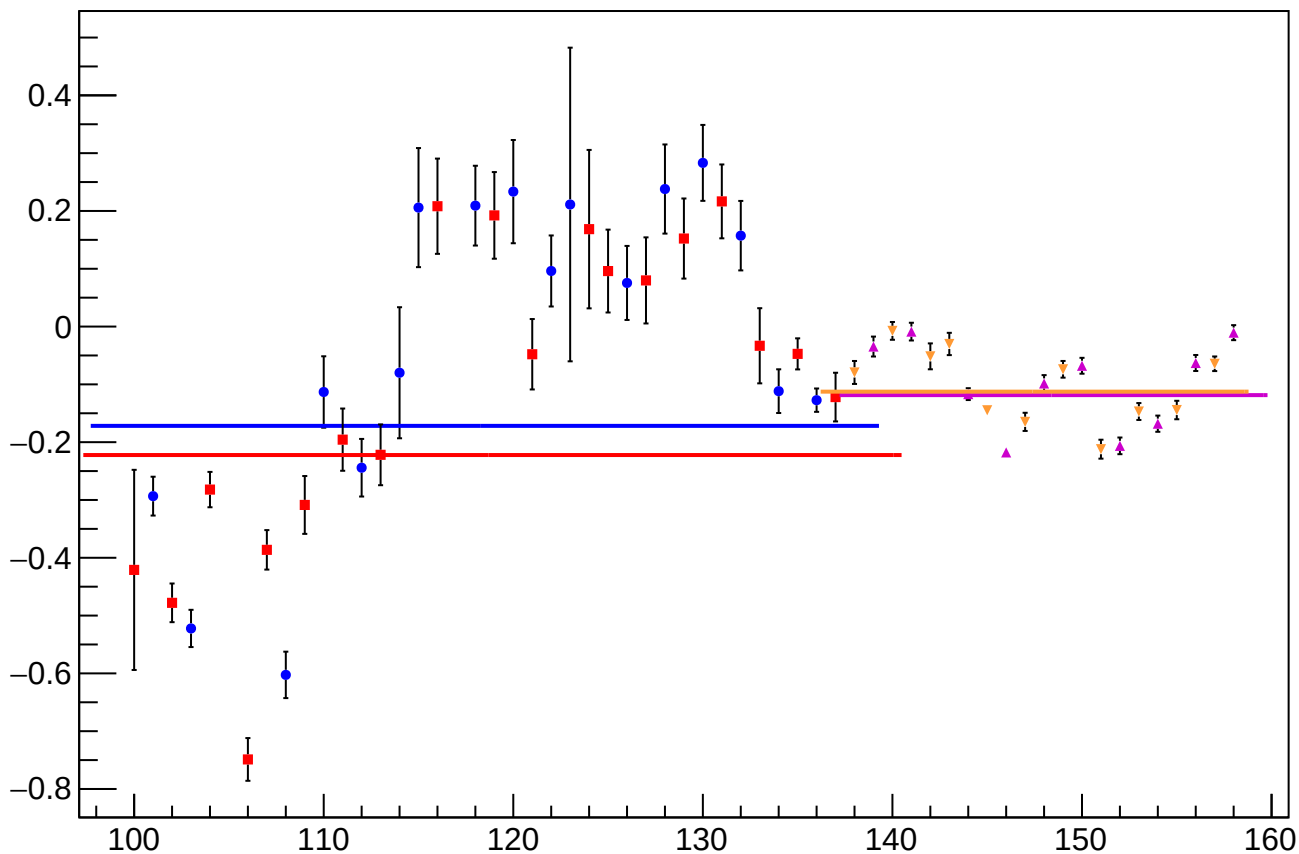
Left In: 22.177 $\pm$ 0.080 χ^2 /NDF:132.4/9

+ sign 21.332 $\pm$ 0.083 χ^2 /NDF: 1351.5/27

All: 21.696 $\pm$ 0.056 χ^2 /NDF: 2290.3/56

- sign 21.995 $\pm$ 0.075 χ^2 /NDF: 903.6/28

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 ± 0.004 χ^2/NDF : 170.2/10

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

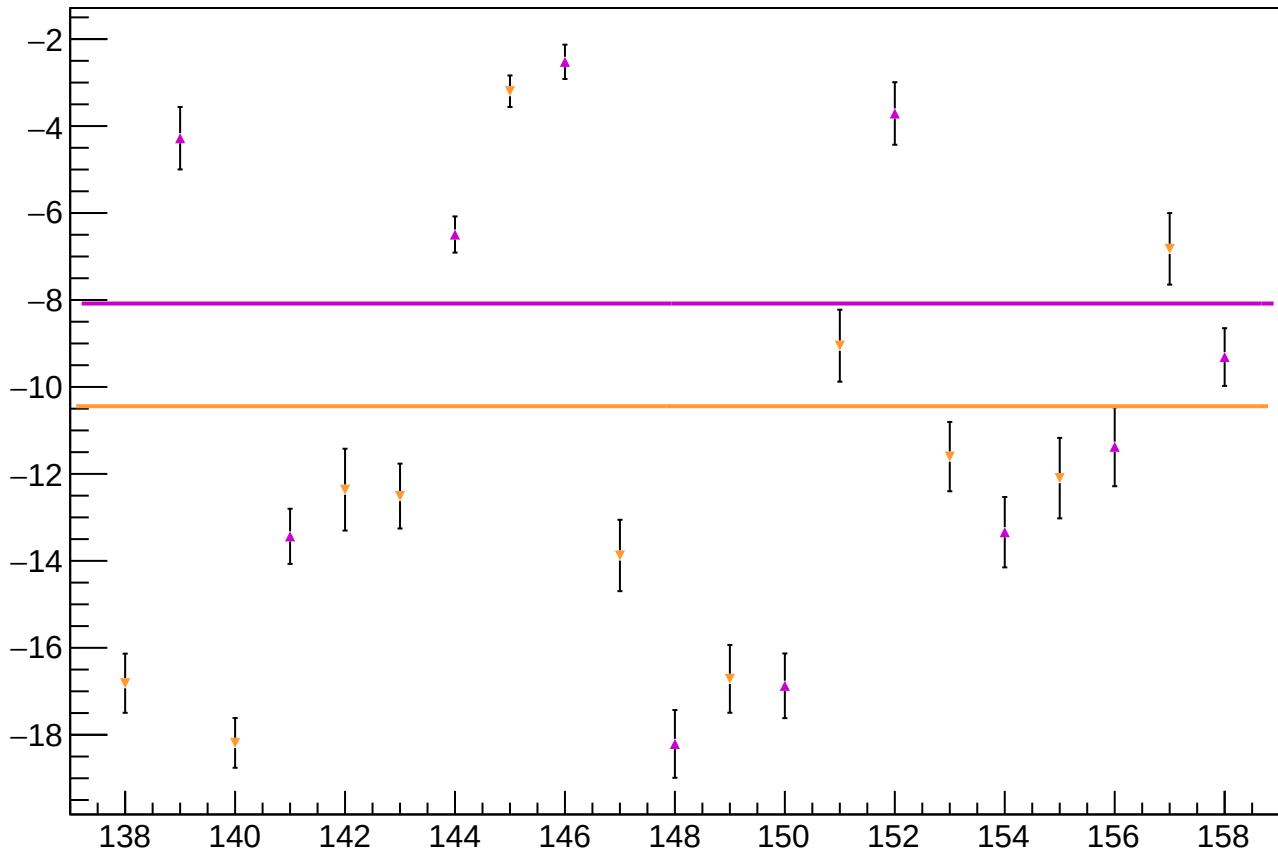
Left In: -0.119 ± 0.004 χ^2/NDF : 363.4/9

+ sign -0.120 ± 0.004 χ^2/NDF : 658.8/27

All: -0.126 ± 0.003 χ^2/NDF : 1641.2/56

- sign -0.131 ± 0.004 χ^2/NDF : 978.7/28

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.444+/-0.202 χ^2/NDF : 791.5/10

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

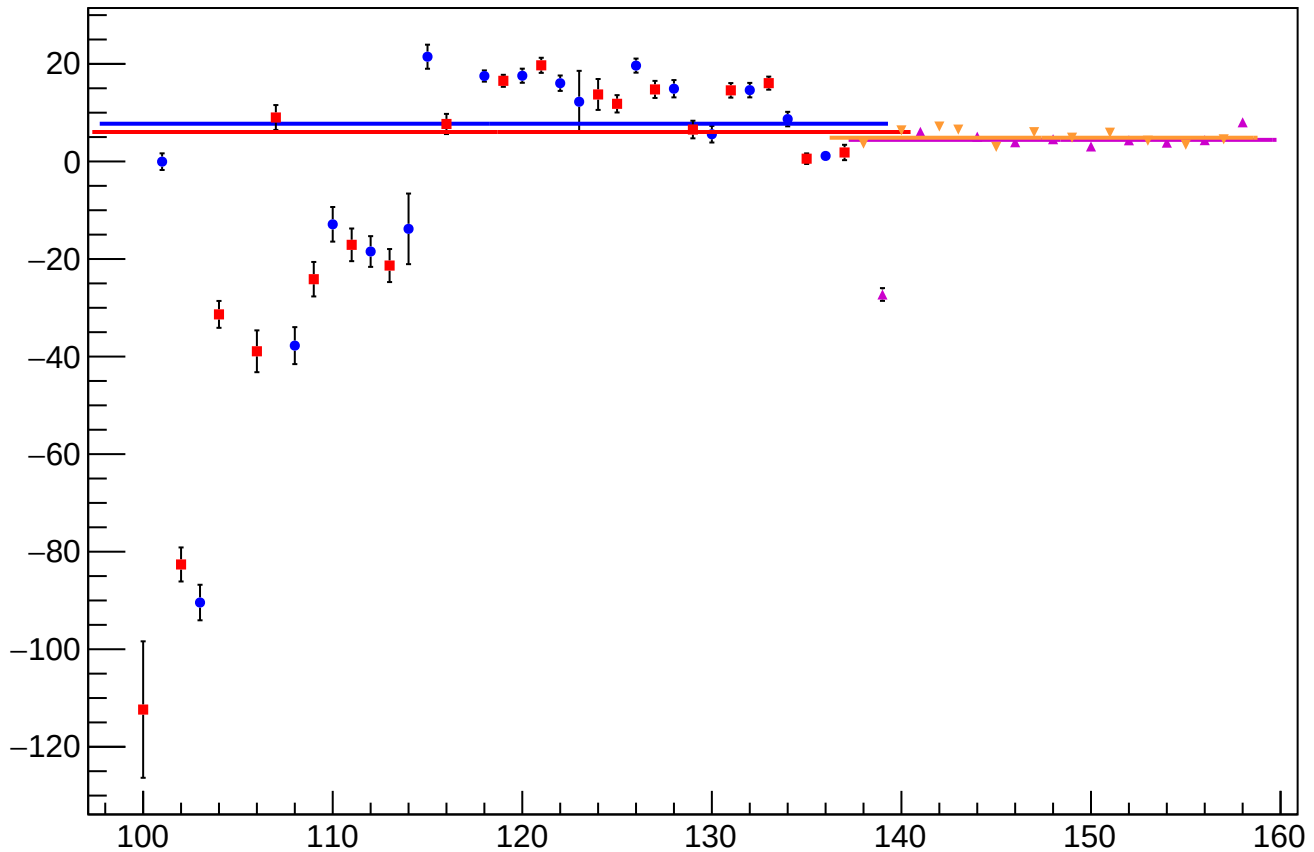
Left In: -8.082+/-0.192 χ^2/NDF : 717.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.206+/-0.139 χ^2/NDF : 1580.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 4.865 ± 0.142 χ^2/NDF : 101.6/10

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

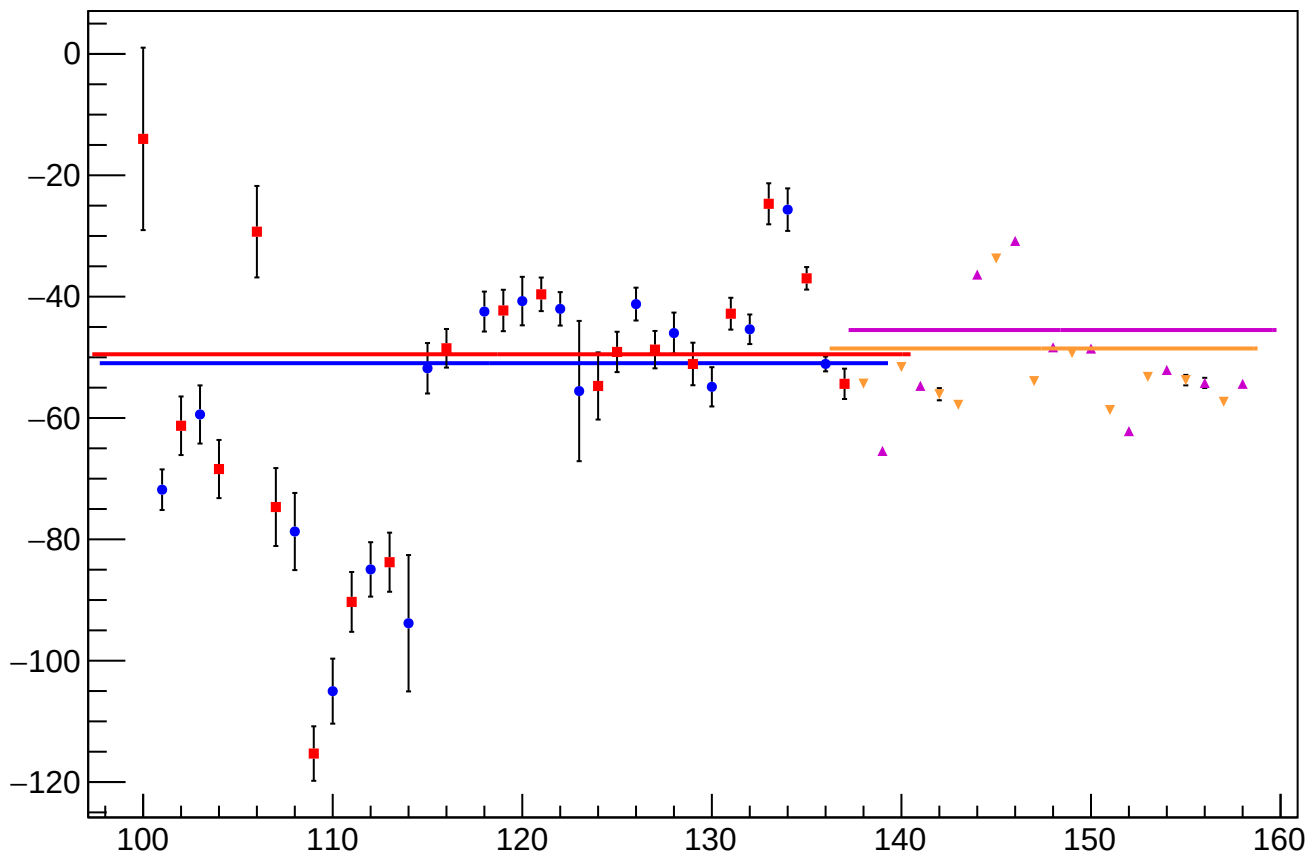
Left In: 4.427 ± 0.131 χ^2/NDF : 681.4/9

+ sign 5.185 ± 0.134 χ^2/NDF : 1505.2/27

All: 4.853 ± 0.092 χ^2/NDF : 3722.8/56

- sign 4.563 ± 0.126 χ^2/NDF : 2206.2/28

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -48.541 ± 0.205 χ^2/NDF : 2168.7/10

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

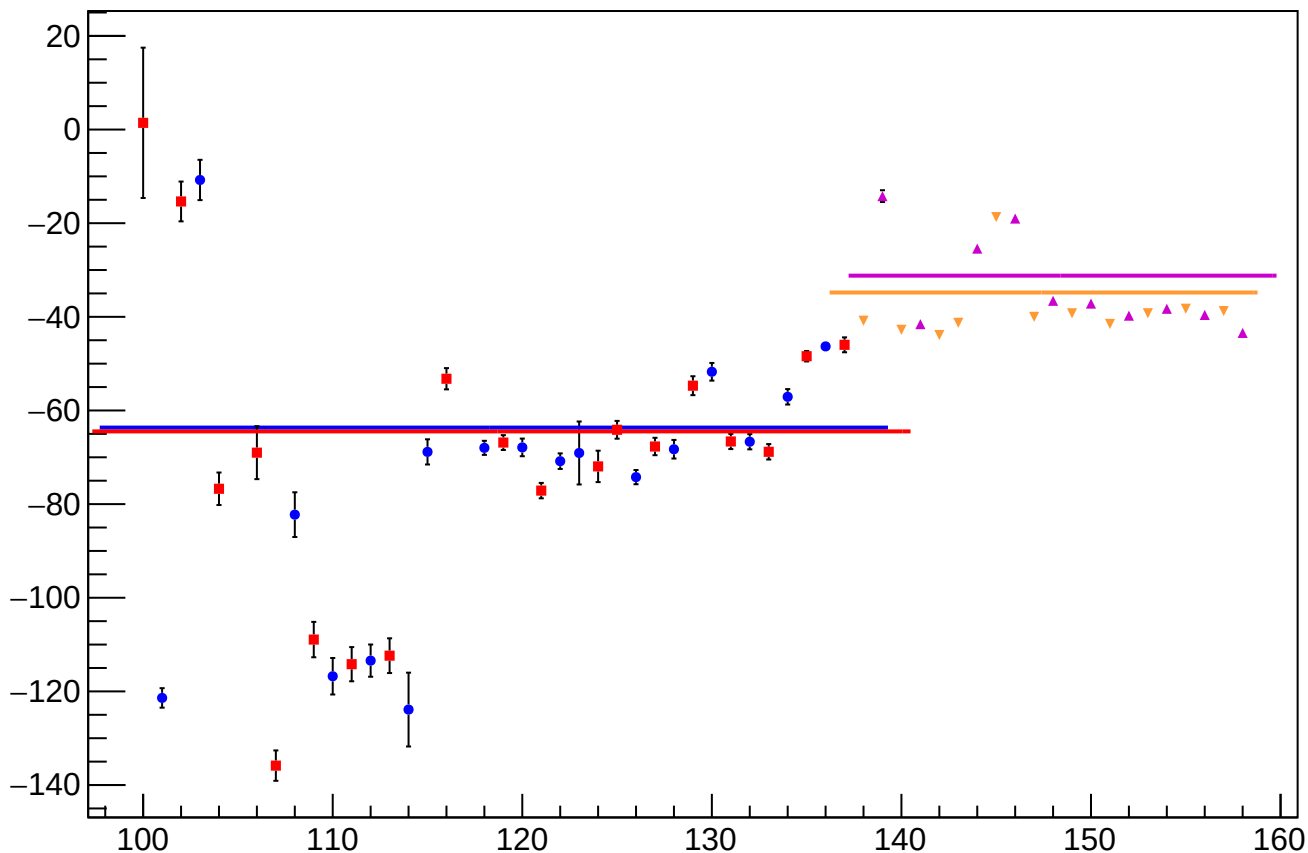
Left In: -45.503 ± 0.190 χ^2/NDF : 3773.1/9

+ sign -48.714 ± 0.197 χ^2/NDF : 2511.4/27

All: -47.118 ± 0.135 χ^2/NDF : 6941.5/56

- sign -45.718 ± 0.185 χ^2/NDF : 4307.2/28

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -34.804 ± 0.172 χ^2/NDF : 3230.7/10

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

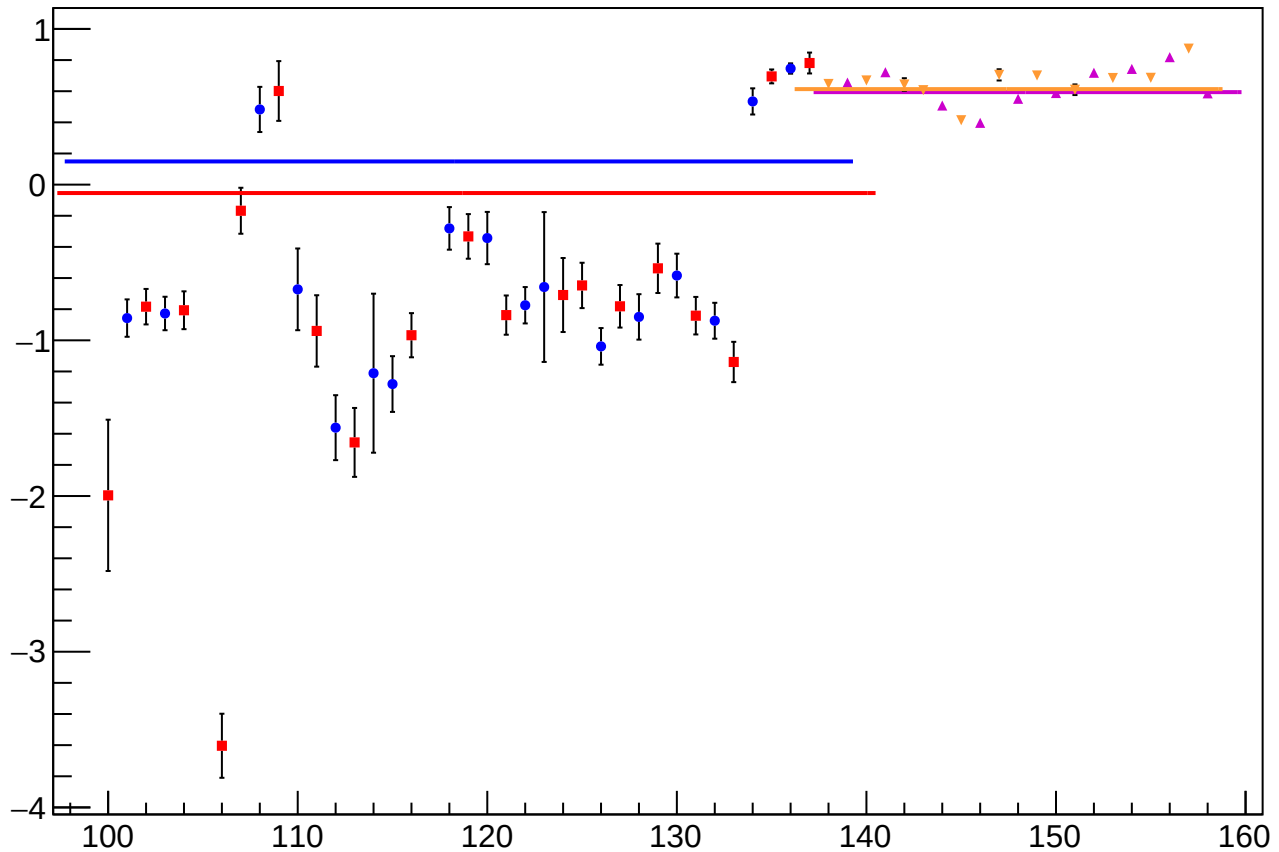
Left In: -31.203 ± 0.158 χ^2/NDF : 3620.9/9

+ sign -38.544 ± 0.160 χ^2/NDF : 8898.2/27

All: -36.353 ± 0.110 χ^2/NDF : 18769.0/56

- sign -34.430 ± 0.150 χ^2/NDF : 9520.2/28

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16

Left Out: 0.613 $\pm$ 0.008 χ^2 /NDF: 310.3/10

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

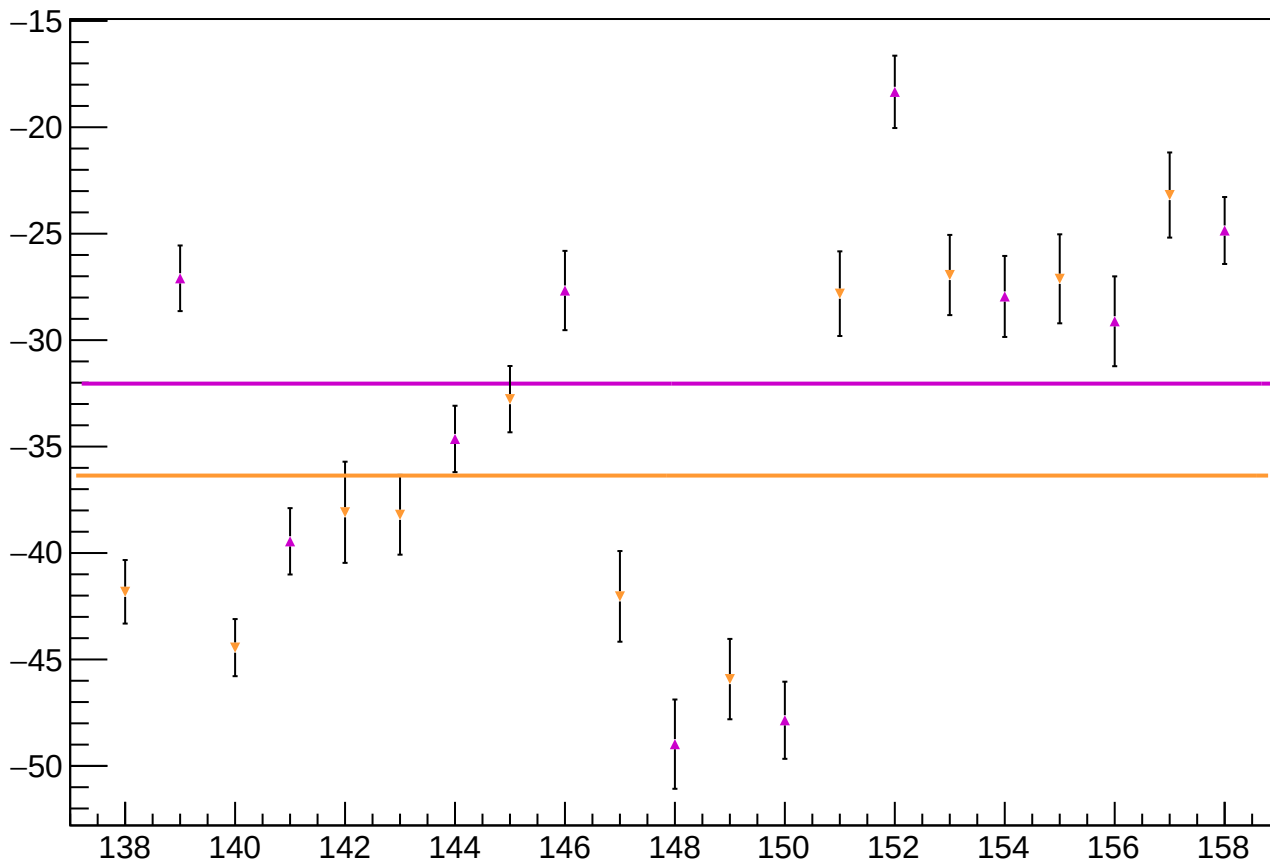
Left In: 0.594 $\pm$ 0.008 χ^2 /NDF: 288.5/9

+ sign 0.566 $\pm$ 0.008 χ^2 /NDF: 1637.2/27

All: 0.554 $\pm$ 0.005 χ^2 /NDF: 3661.5/56

- sign 0.542 $\pm$ 0.007 χ^2 /NDF: 2019.5/28

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: -36.362 $\pm$ 0.543 χ^2 /NDF:195.7/10

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

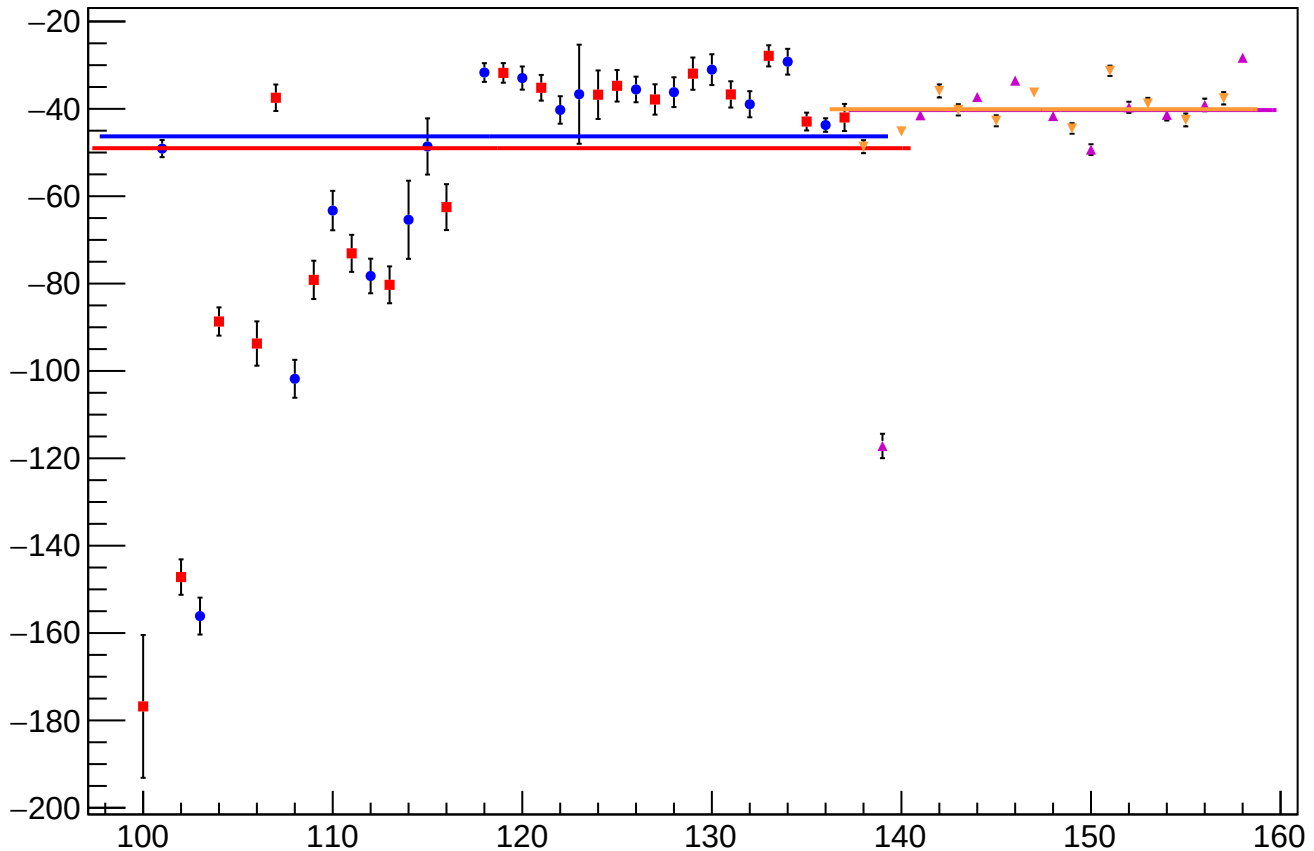
Left In: -32.043 $\pm$ 0.549 χ^2 /NDF:275.1/9

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

All: -34.228 $\pm$ 0.386 χ^2 /NDF: 502.0/20

- 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: -40.086 ± 0.381 χ^2/NDF : 157.3/10

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

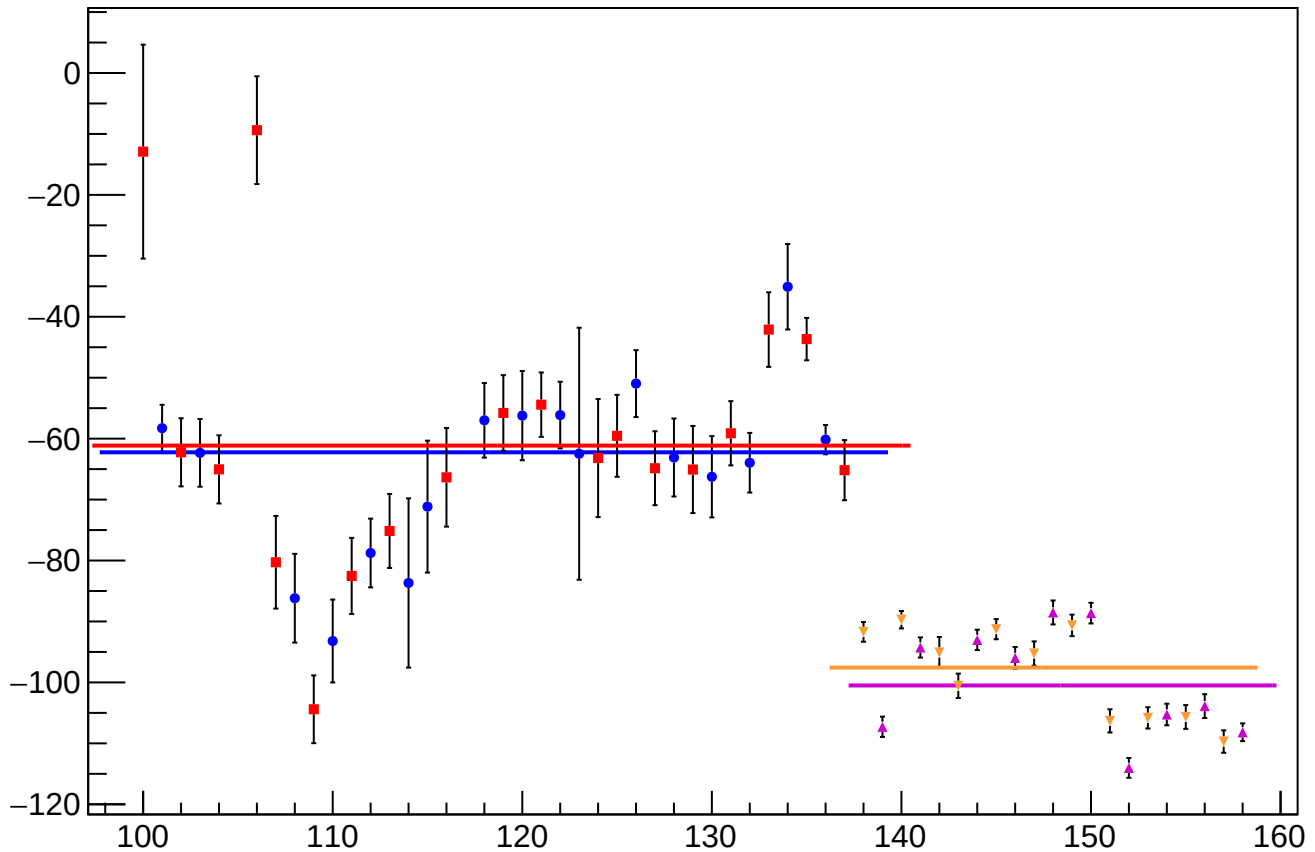
Left In: -40.284 ± 0.387 χ^2/NDF : 982.8/9

+ sign -41.438 ± 0.337 χ^2/NDF : 1299.2/27

All: -41.744 ± 0.241 χ^2/NDF : 3659.1/56

- sign -42.066 ± 0.345 χ^2/NDF : 2358.3/28

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -97.566 ± 0.544 χ^2/NDF : 182.0/10

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

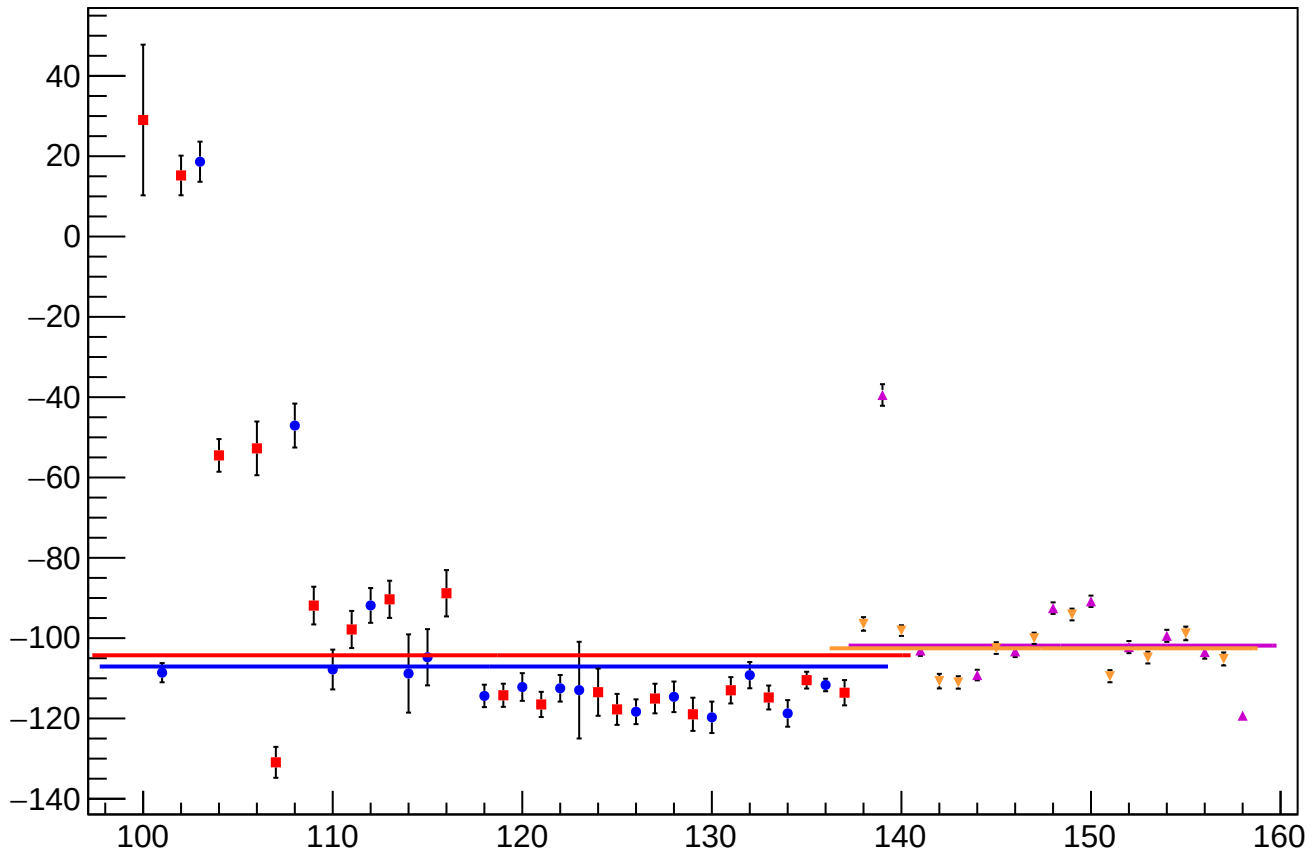
Left In: -100.499 ± 0.539 χ^2/NDF : 250.8/9

+ sign -92.370 ± 0.503 χ^2/NDF : 869.5/27

All: -93.826 ± 0.355 χ^2/NDF : 2008.7/56

- sign -95.280 ± 0.502 χ^2/NDF : 1122.5/28

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 $\chi^2/\text{NDF}: 828.4/16$

Left Out: -102.533 ± 0.461 $\chi^2/\text{NDF}: 141.4/10$

Right Out: -104.269 ± 0.861 $\chi^2/\text{NDF}: 1018.6/18$

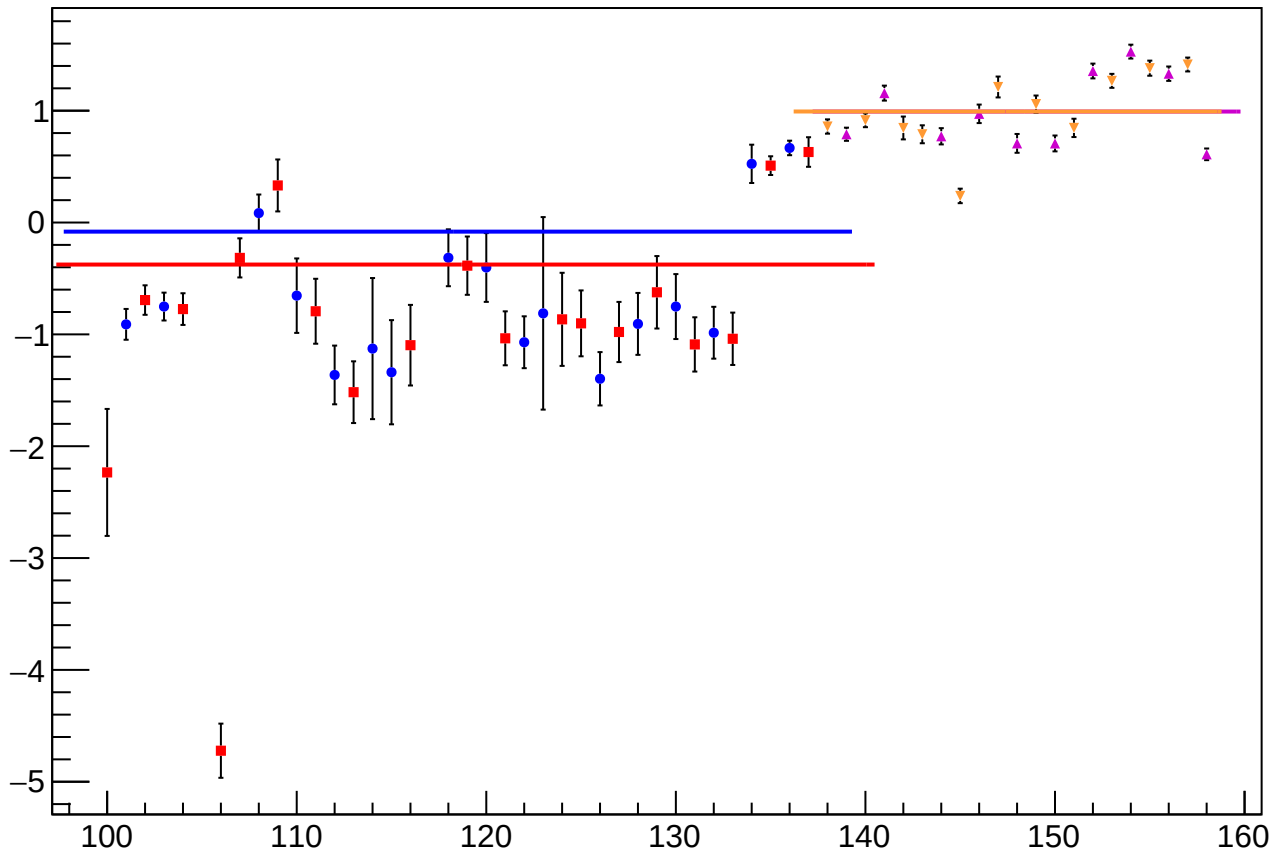
Left In: -101.861 ± 0.458 $\chi^2/\text{NDF}: 912.3/9$

+ sign -103.638 ± 0.401 $\chi^2/\text{NDF}: 993.4/27$

All: -103.021 ± 0.285 $\chi^2/\text{NDF}: 2935.3/56$

- sign -102.392 ± 0.404 $\chi^2/\text{NDF}: 1937.1/28$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.993 ± 0.022 χ^2/NDF : 257.3/10

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

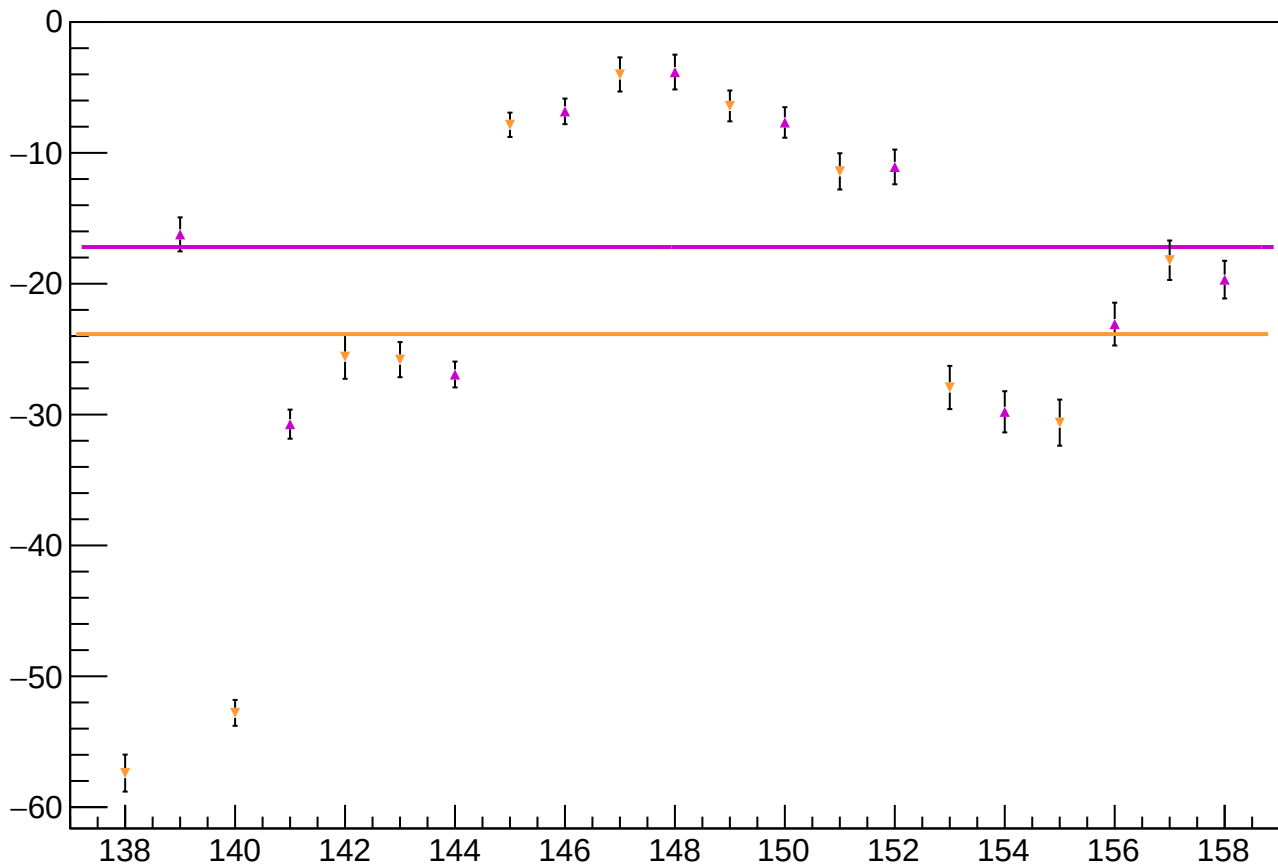
Left In: 0.992 ± 0.021 χ^2/NDF : 240.8/9

+ sign 0.771 ± 0.019 χ^2/NDF : 1101.2/27

All: 0.755 ± 0.013 χ^2/NDF : 2718.0/56

- sign 0.739 ± 0.019 χ^2/NDF : 1615.4/28

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.850+/-0.391 χ^2/NDF : 2281.3/10

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

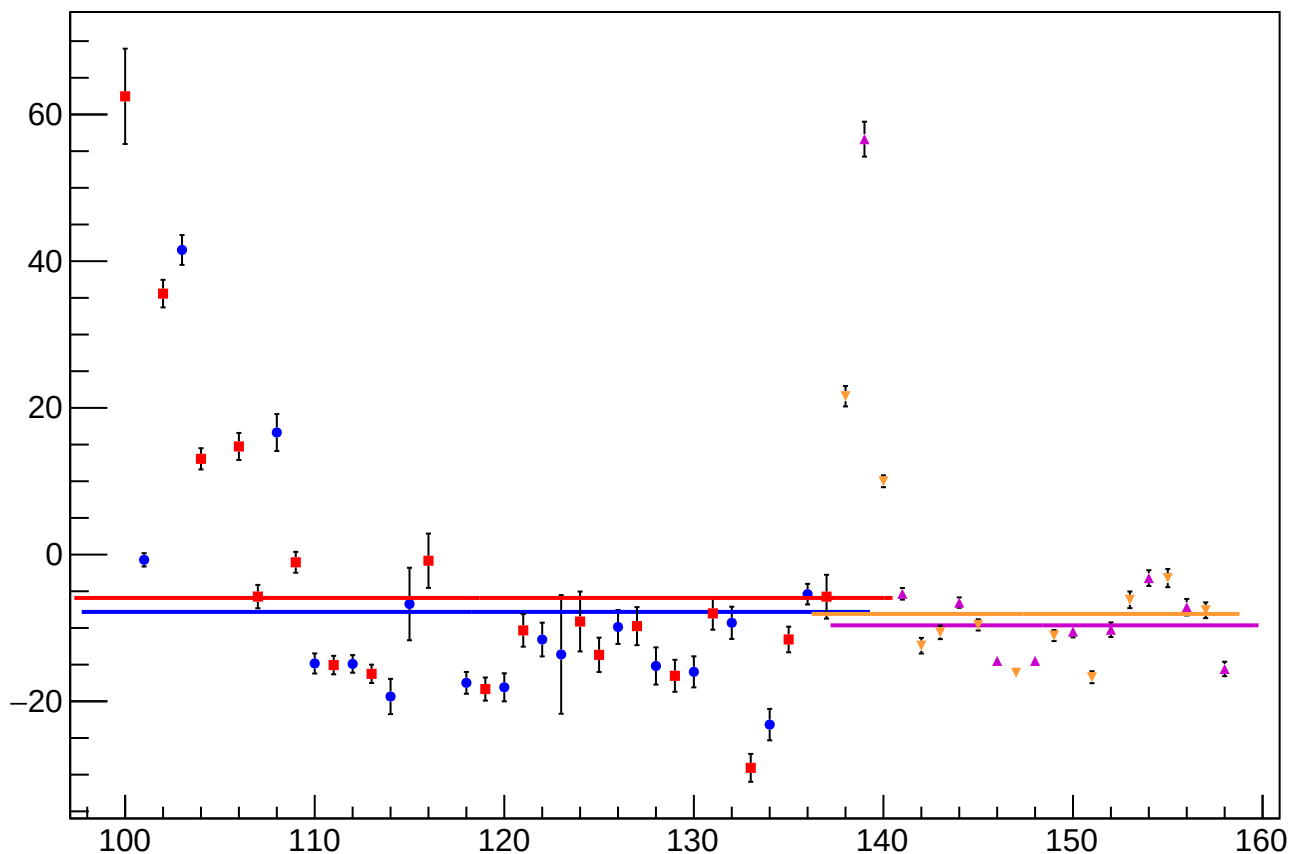
Left In: -17.196+/-0.389 χ^2/NDF : 626.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.509+/-0.276 χ^2/NDF : 3053.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -8.089 ± 0.268 χ^2/NDF : 1292.5/10

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

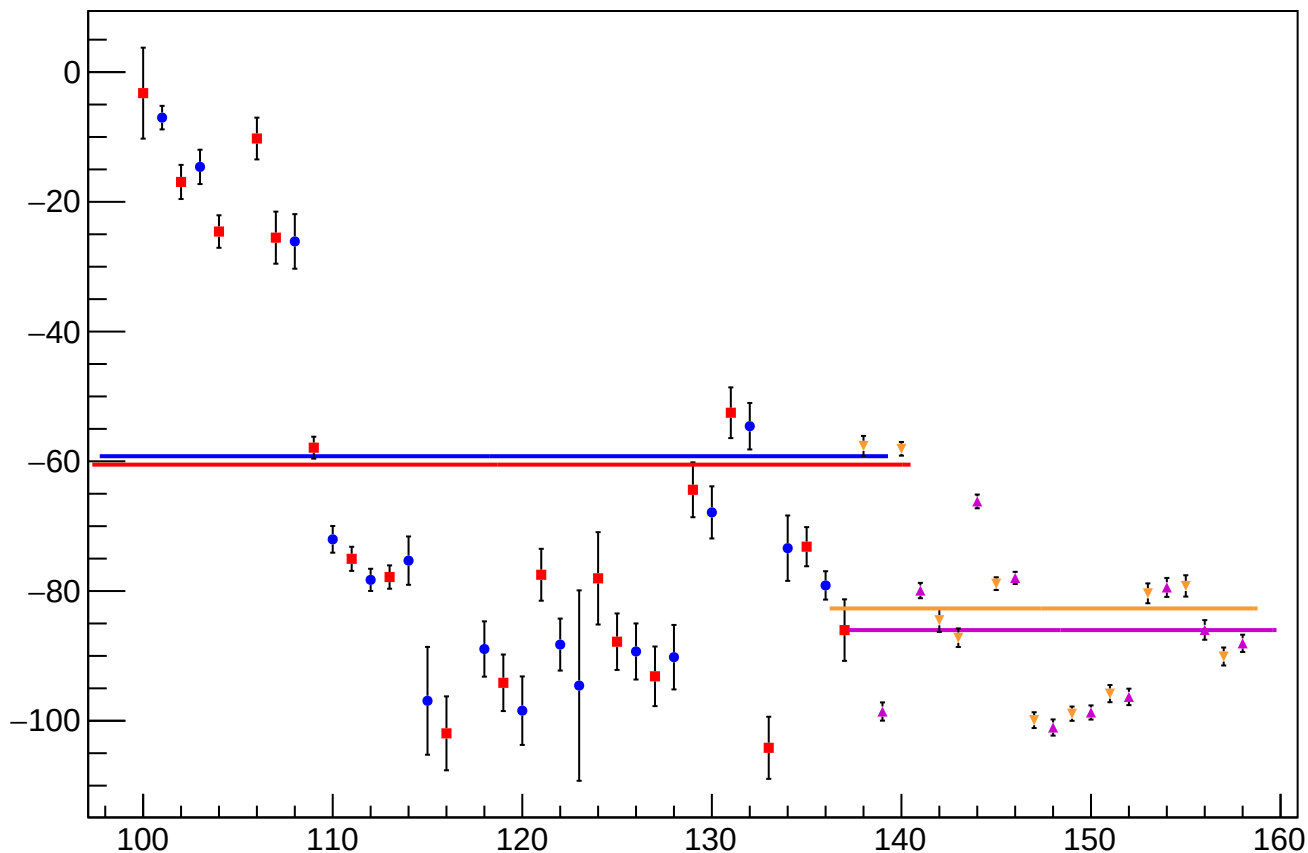
Left In: -9.646 ± 0.266 χ^2/NDF : 1020.3/9

+ sign -8.011 ± 0.227 χ^2/NDF : 2275.5/27

All: -8.309 ± 0.160 χ^2/NDF : 4647.1/56

- sign -8.606 ± 0.226 χ^2/NDF : 2368.1/28

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 $\pm$ 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.683 $\pm$ 0.391 χ^2/NDF : 1387.2/10

Right Out: -60.513 $\pm$ 0.704 χ^2/NDF : 1383.9/18

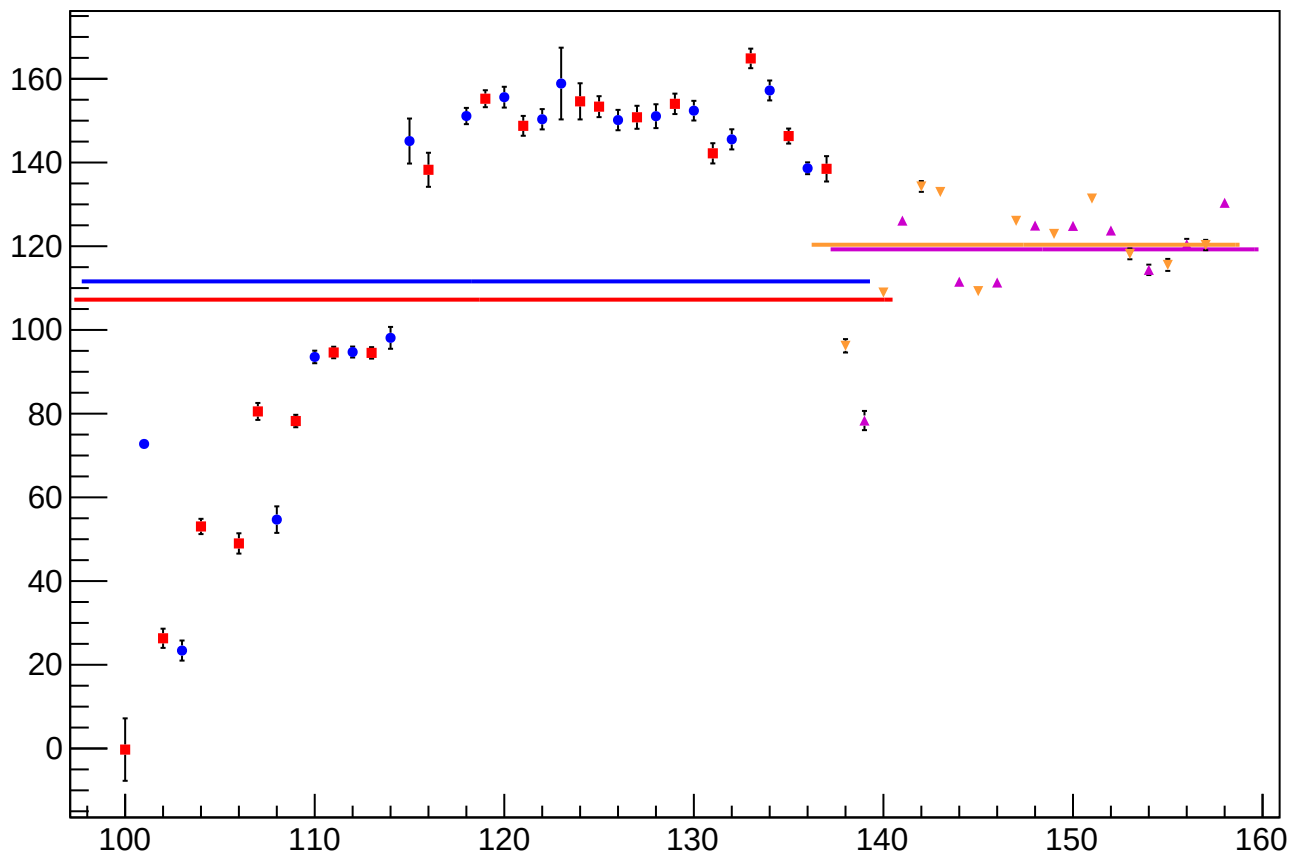
Left In: -86.020 $\pm$ 0.383 χ^2/NDF : 900.3/9

+ sign -77.597 $\pm$ 0.346 χ^2/NDF : 3887.5/27

All: -78.935 $\pm$ 0.241 χ^2/NDF : 7213.4/56

- sign -80.198 $\pm$ 0.336 χ^2/NDF : 3296.9/28

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 ± 0.487 χ^2/NDF : 5959.5/16

Left Out: 120.358 ± 0.327 χ^2/NDF : 946.8/10

Right Out: 107.238 ± 0.488 χ^2/NDF : 7037.4/18

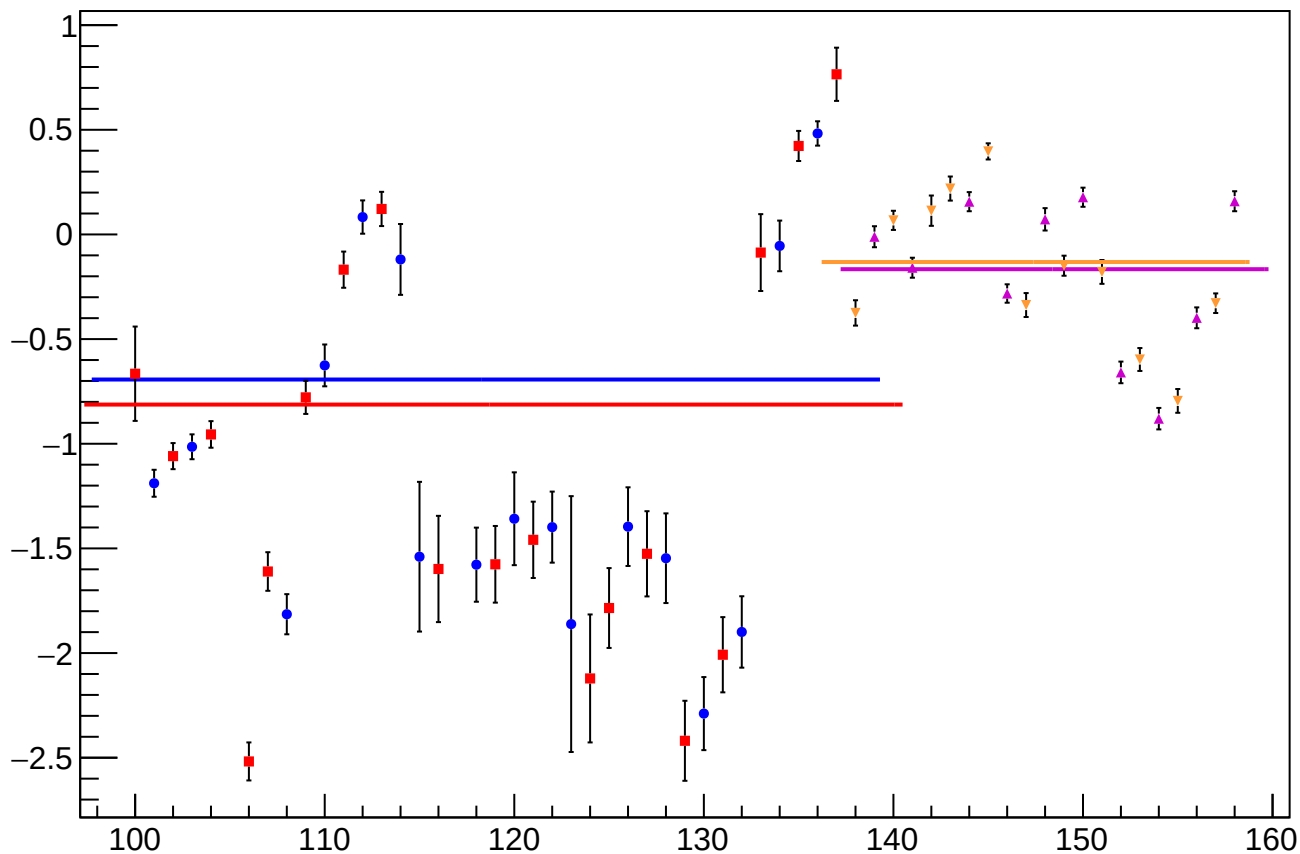
Left In: 119.252 ± 0.321 χ^2/NDF : 783.7/9

+ sign 117.637 ± 0.271 χ^2/NDF : 7129.7/27

All: 116.621 ± 0.191 χ^2/NDF : 15402.5/56

- sign 115.629 ± 0.268 χ^2/NDF : 8245.0/28

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.132 ± 0.016 χ^2/NDF : 511.4/10

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

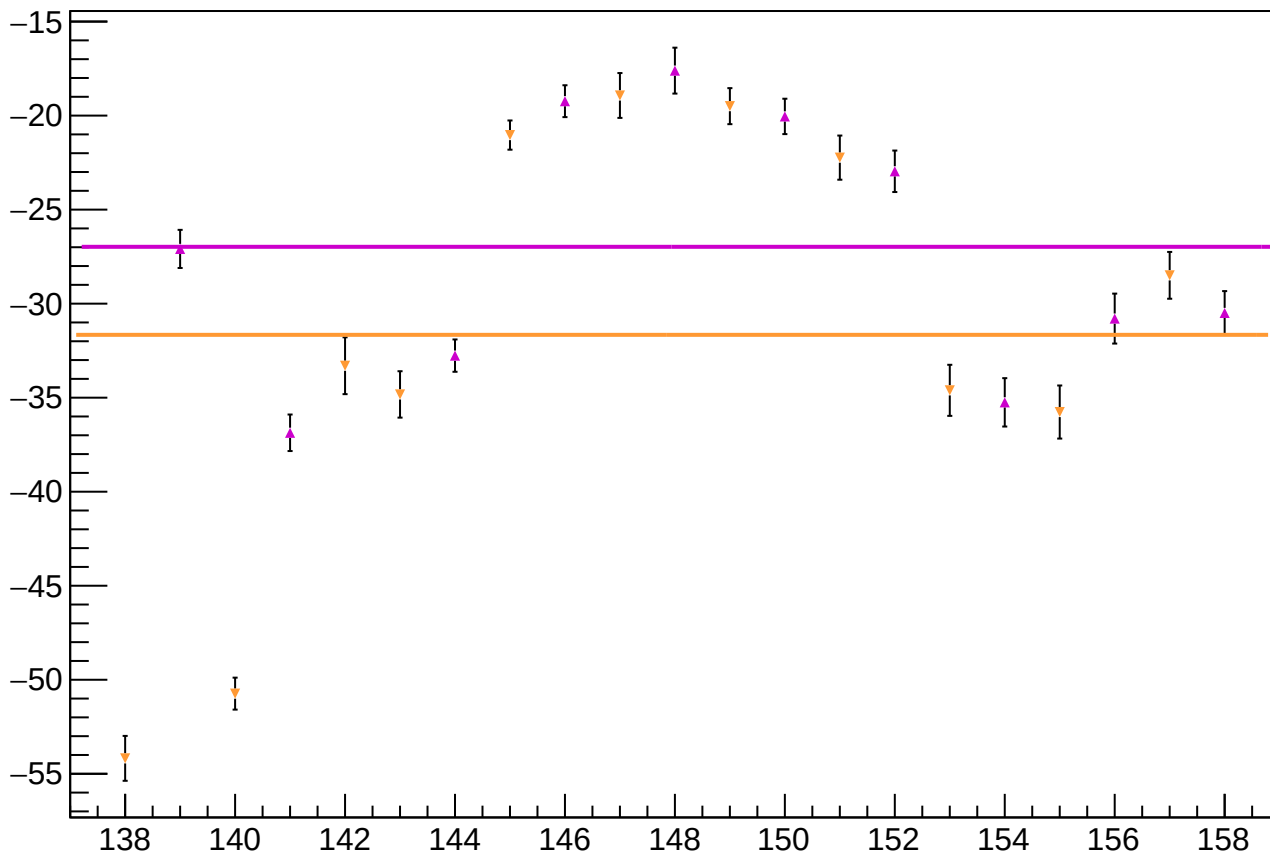
Left In: -0.166 ± 0.015 χ^2/NDF : 495.8/9

+ sign -0.284 ± 0.013 χ^2/NDF : 1850.6/27

All: -0.318 ± 0.009 χ^2/NDF : 4175.4/56

- sign -0.350 ± 0.013 χ^2/NDF : 2312.2/28

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.658+/-0.332 χ^2/NDF : 1413.8/10

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

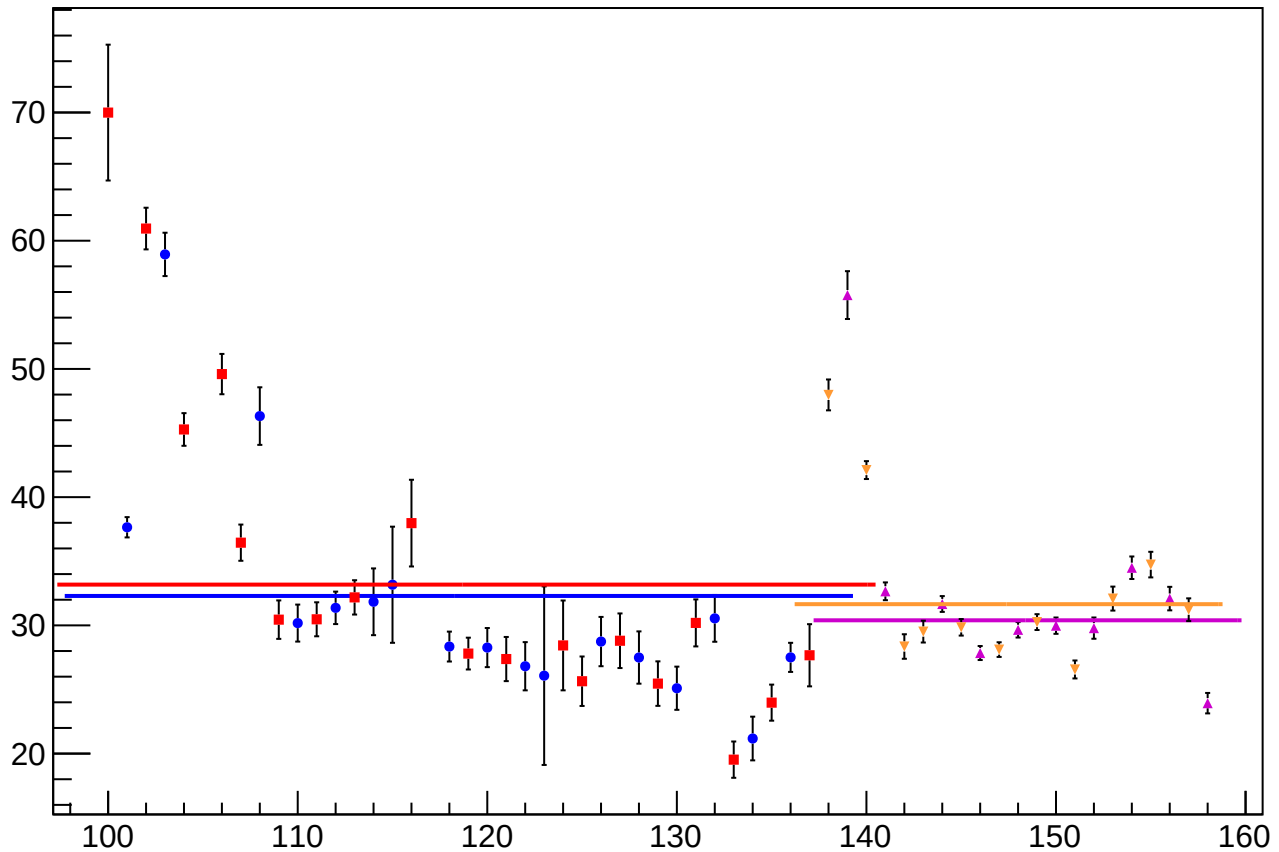
Left In: -26.977+/-0.328 χ^2/NDF : 418.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

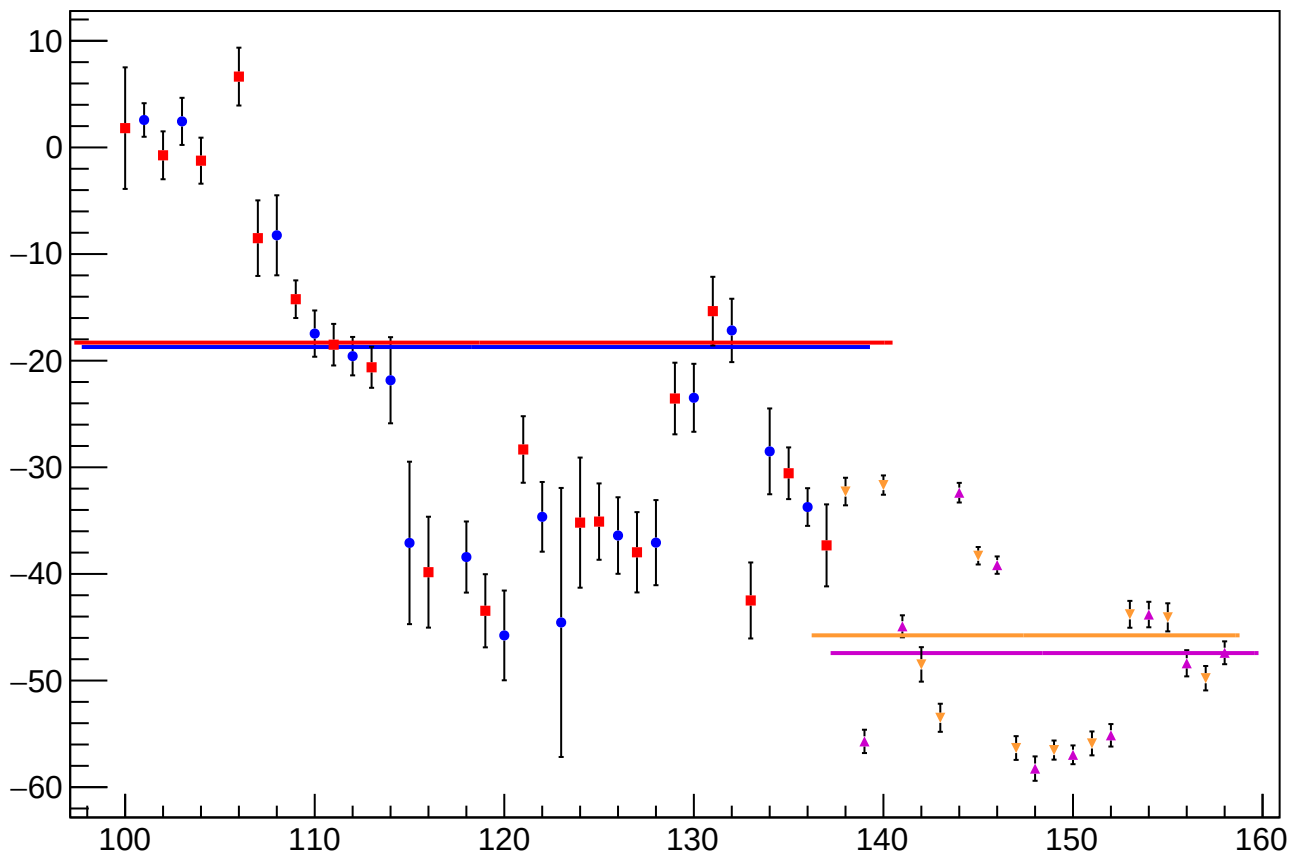
All: -29.283+/-0.233 χ^2/NDF : 1932.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 $\chi^2/\text{NDF}: 519.6/16$

Left Out: -45.760 ± 0.332 $\chi^2/\text{NDF}: 803.7/10$

Right Out: -18.306 ± 0.644 $\chi^2/\text{NDF}: 472.6/18$

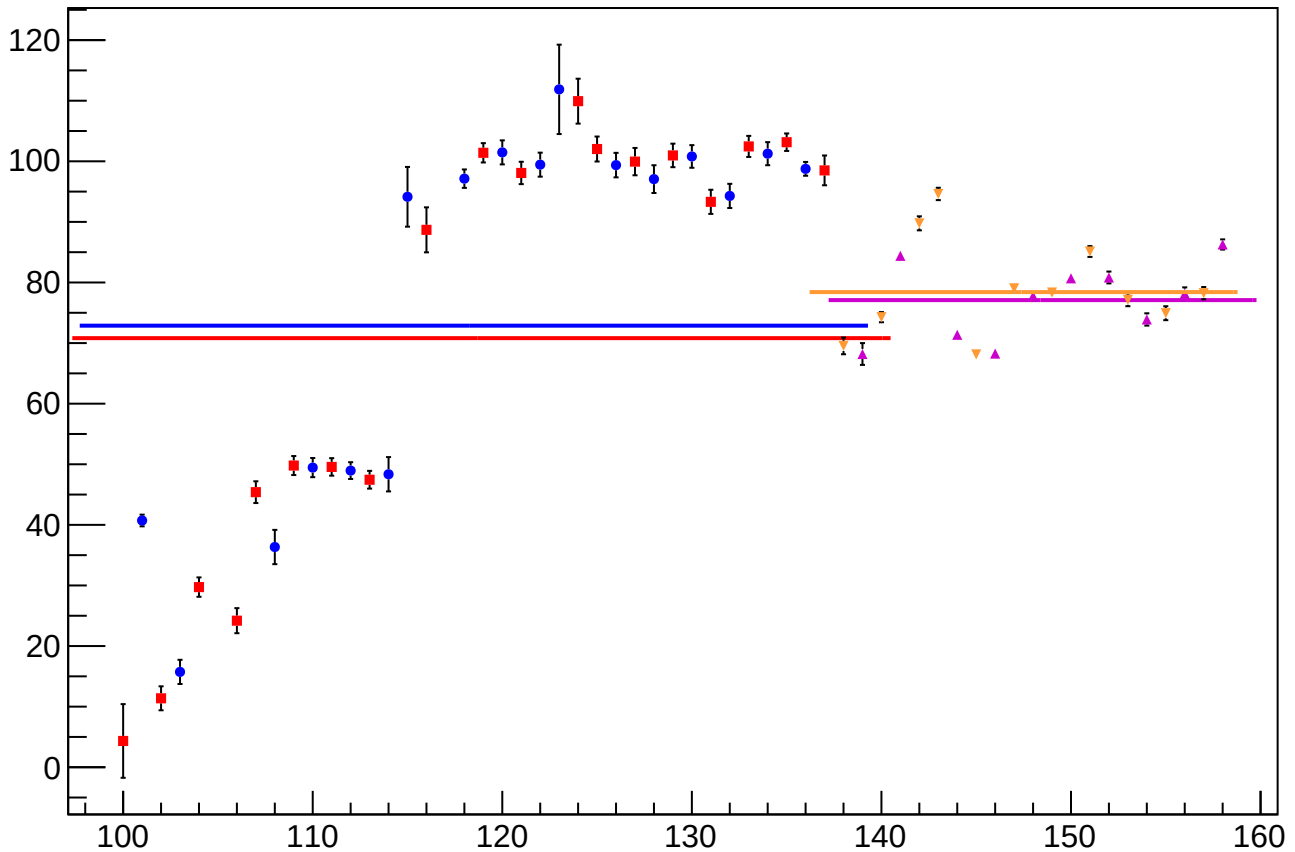
Left In: -47.424 ± 0.322 $\chi^2/\text{NDF}: 703.2/9$

+ sign -40.374 ± 0.297 $\chi^2/\text{NDF}: 2645.7/27$

All: -41.003 ± 0.207 $\chi^2/\text{NDF}: 5467.6/56$

- sign -41.594 ± 0.288 $\chi^2/\text{NDF}: 2813.2/28$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 ± 0.426 $\chi^2/\text{NDF}: 4737.9/16$

Left Out: 78.416 ± 0.280 $\chi^2/\text{NDF}: 674.8/10$

Right Out: 70.815 ± 0.433 $\chi^2/\text{NDF}: 5489.3/18$

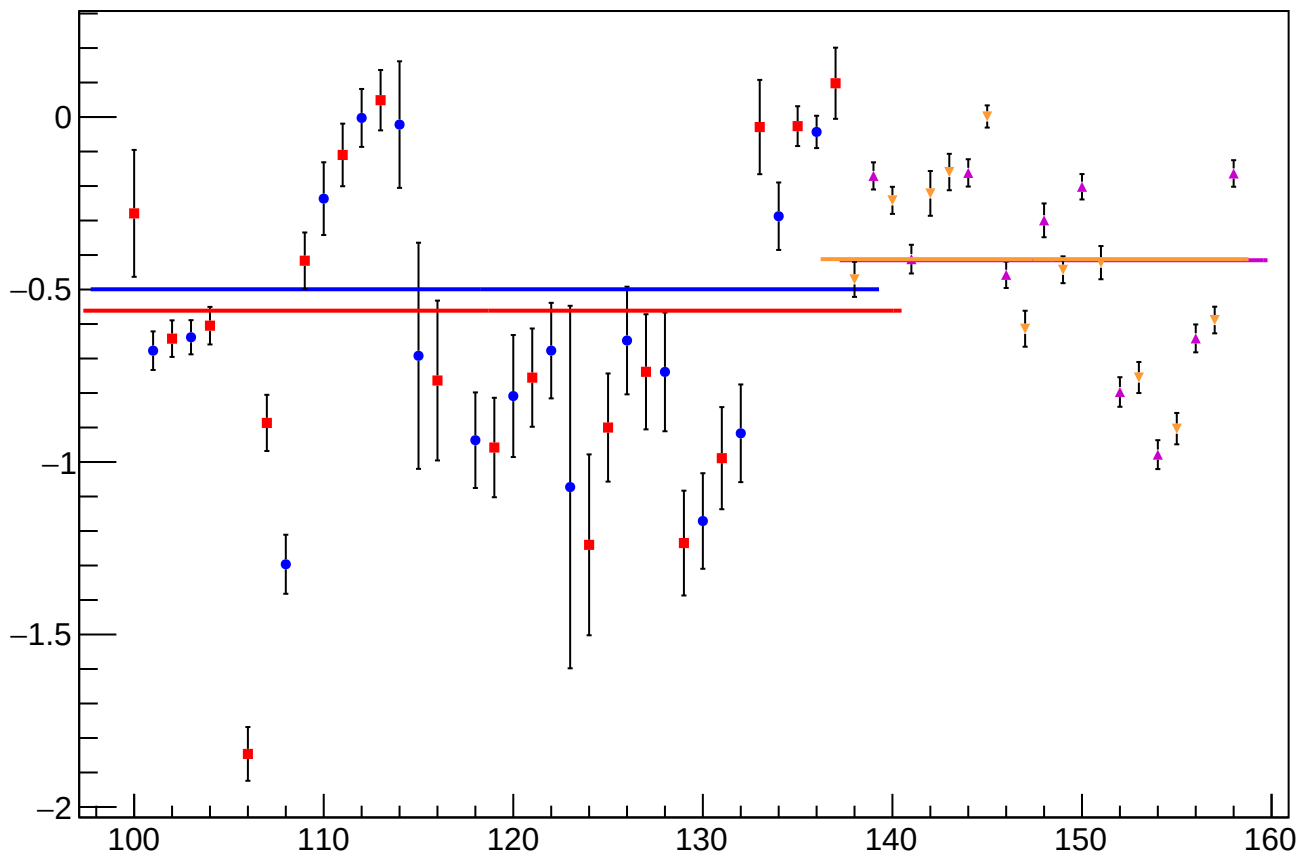
Left In: 77.091 ± 0.273 $\chi^2/\text{NDF}: 503.0/9$

+ sign 76.746 ± 0.234 $\chi^2/\text{NDF}: 5531.0/27$

All: 76.019 ± 0.164 $\chi^2/\text{NDF}: 11692.7/56$

- sign 75.311 ± 0.231 $\chi^2/\text{NDF}: 6142.6/28$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.412 ± 0.013 χ^2/NDF : 428.2/10

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

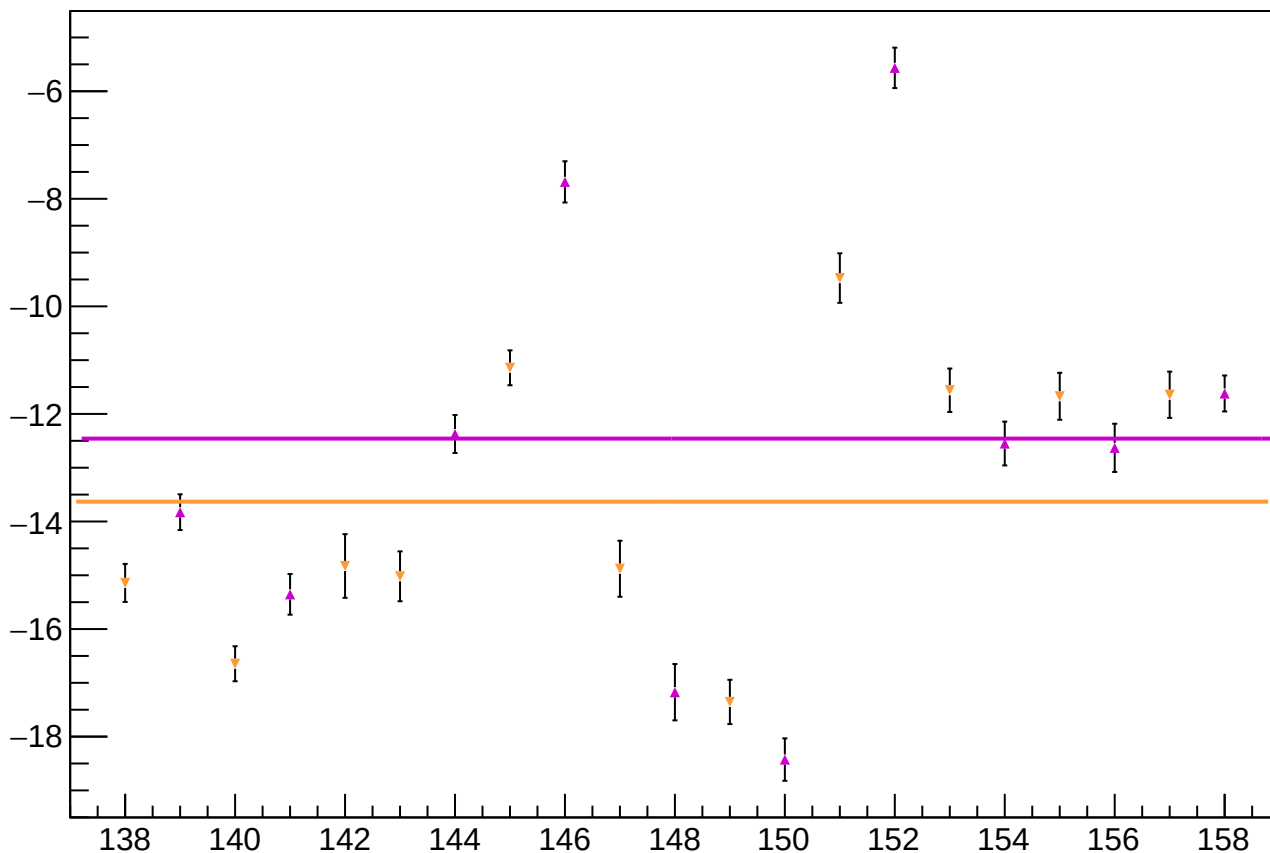
Left In: -0.415 ± 0.013 χ^2/NDF : 453.9/9

+ sign -0.435 ± 0.011 χ^2/NDF : 743.1/27

All: -0.445 ± 0.008 χ^2/NDF : 1795.1/56

- sign -0.454 ± 0.011 χ^2/NDF : 1050.7/28

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: -13.631+/-0.124 χ^2/NDF : 412.8/10

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

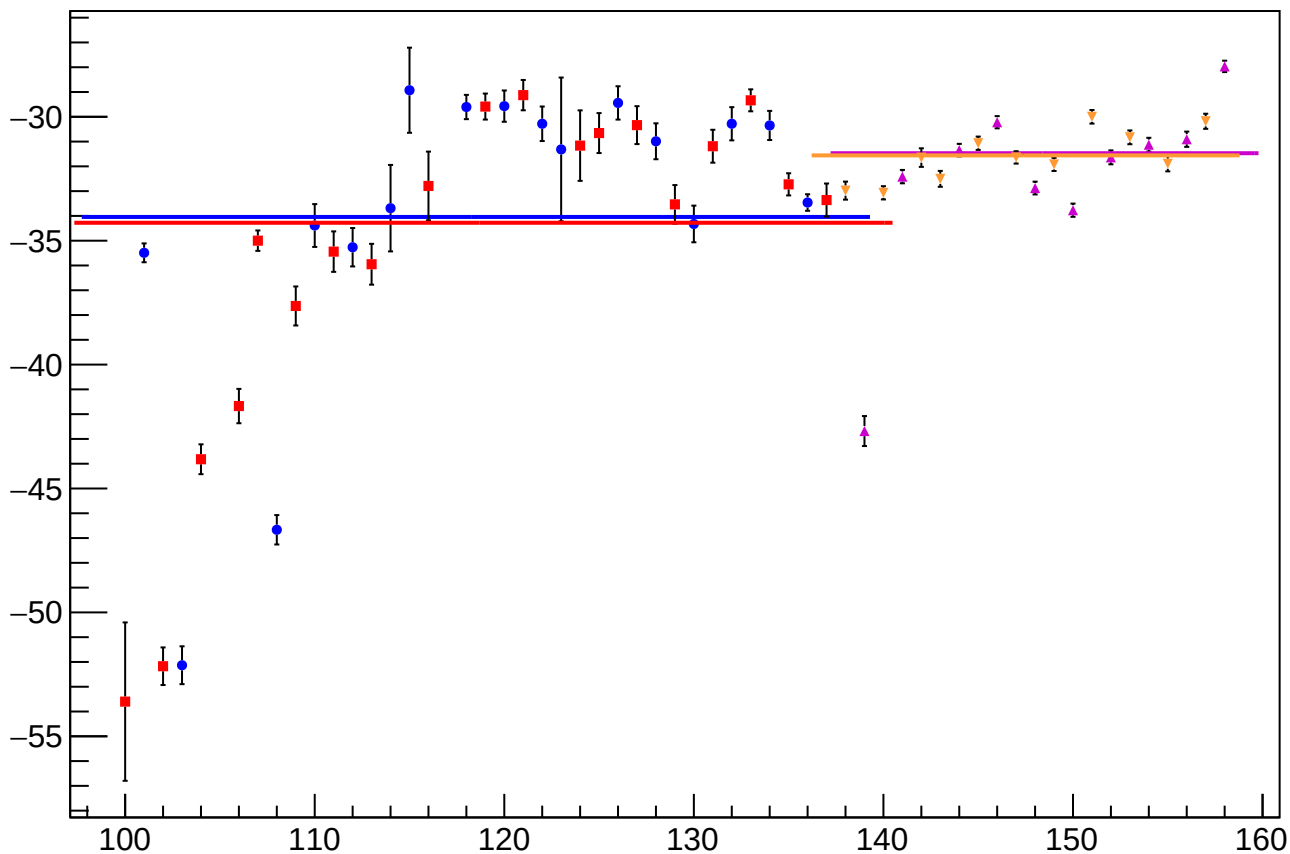
Left In: -12.459+/-0.121 χ^2/NDF : 884.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.034+/-0.087 χ^2/NDF : 1342.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -31.557 ± 0.088 χ^2/NDF : 121.8/10

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

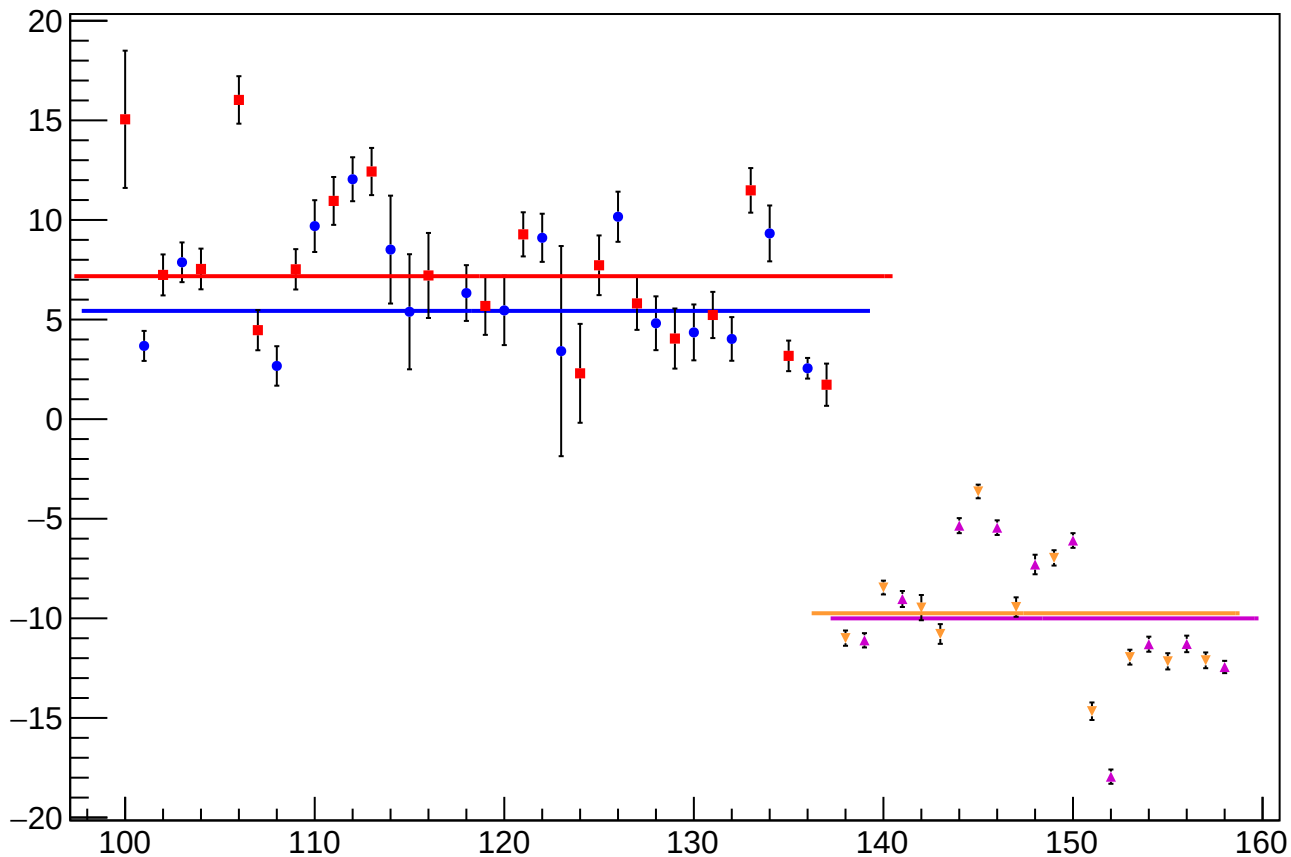
Left In: -31.470 ± 0.087 χ^2/NDF : 721.8/9

+ sign -32.187 ± 0.076 χ^2/NDF : 1665.5/27

All: -32.178 ± 0.053 χ^2/NDF : 3996.8/56

- sign -32.169 ± 0.075 χ^2/NDF : 2331.3/28

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -9.745 ± 0.123 χ^2/NDF : 629.5/10

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

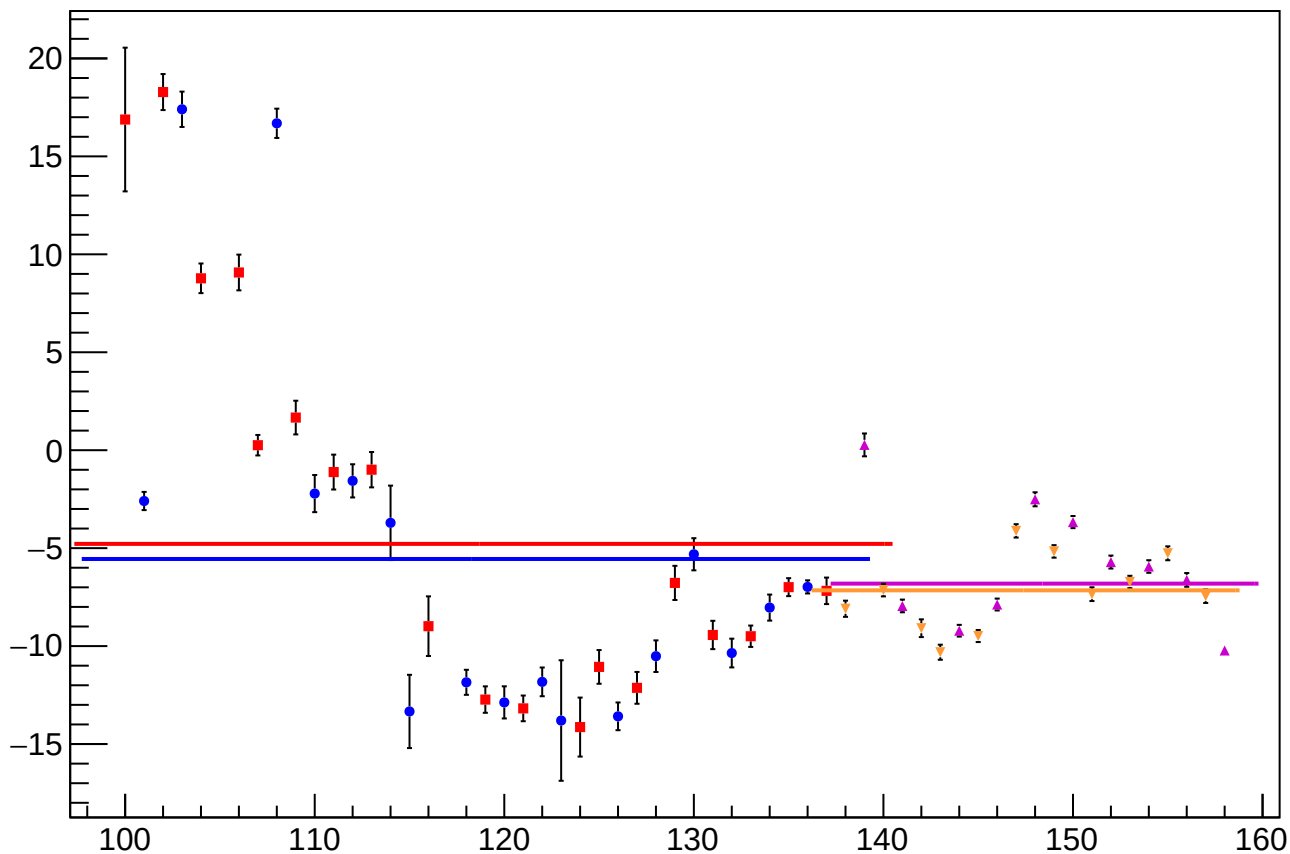
Left In: -10.003 ± 0.119 χ^2/NDF : 1036.6/9

+ sign -7.121 ± 0.112 χ^2/NDF : 3384.4/27

All: -7.206 ± 0.078 χ^2/NDF : 7910.6/56

- sign -7.287 ± 0.109 χ^2/NDF : 4525.0/28

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -7.154 ± 0.105 χ^2/NDF : 296.6/10

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

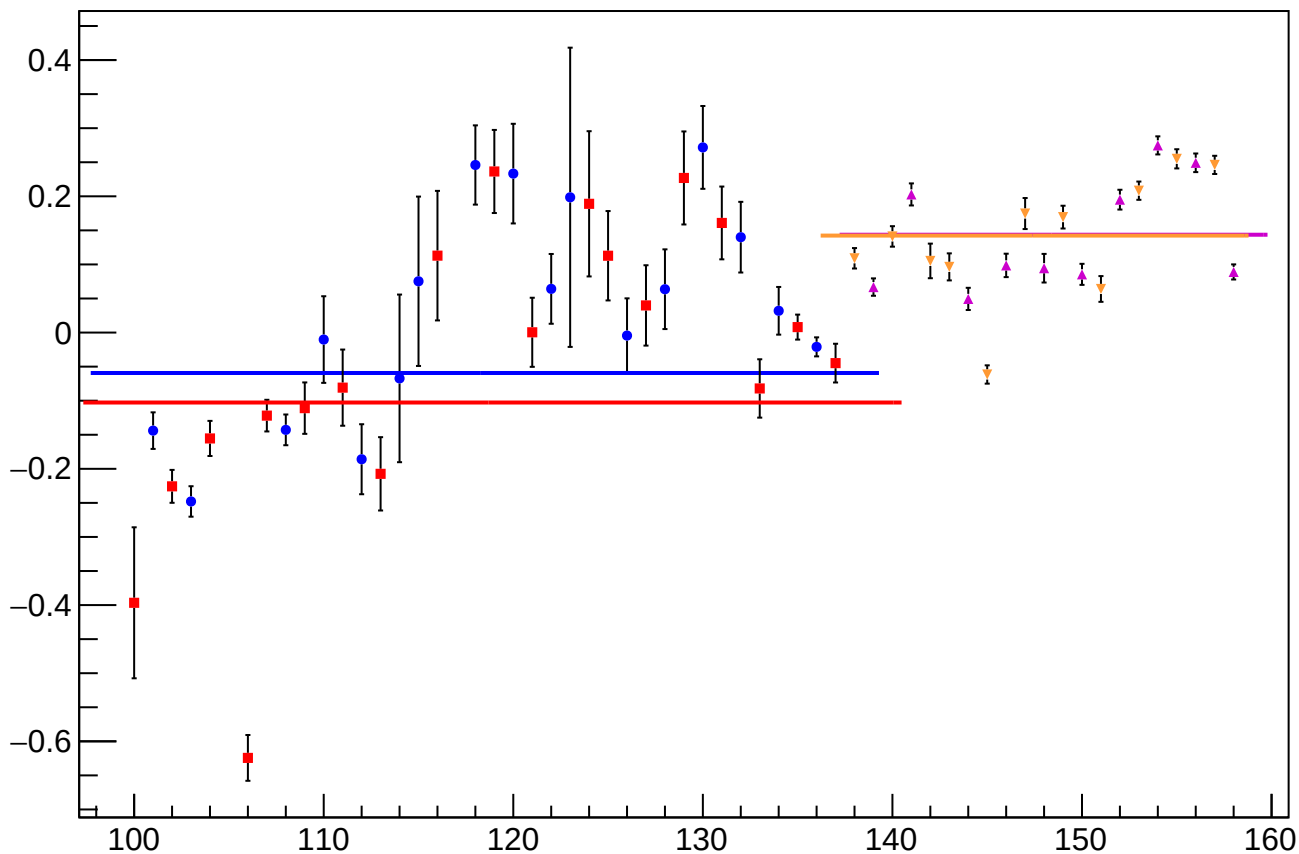
Left In: -6.811 ± 0.102 χ^2/NDF : 700.8/9

+ sign -6.710 ± 0.090 χ^2/NDF : 2486.0/27

All: -6.495 ± 0.063 χ^2/NDF : 5340.9/56

- sign -6.288 ± 0.088 χ^2/NDF : 2843.5/28

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: 0.142 ± 0.005 χ^2/NDF : 412.7/10

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

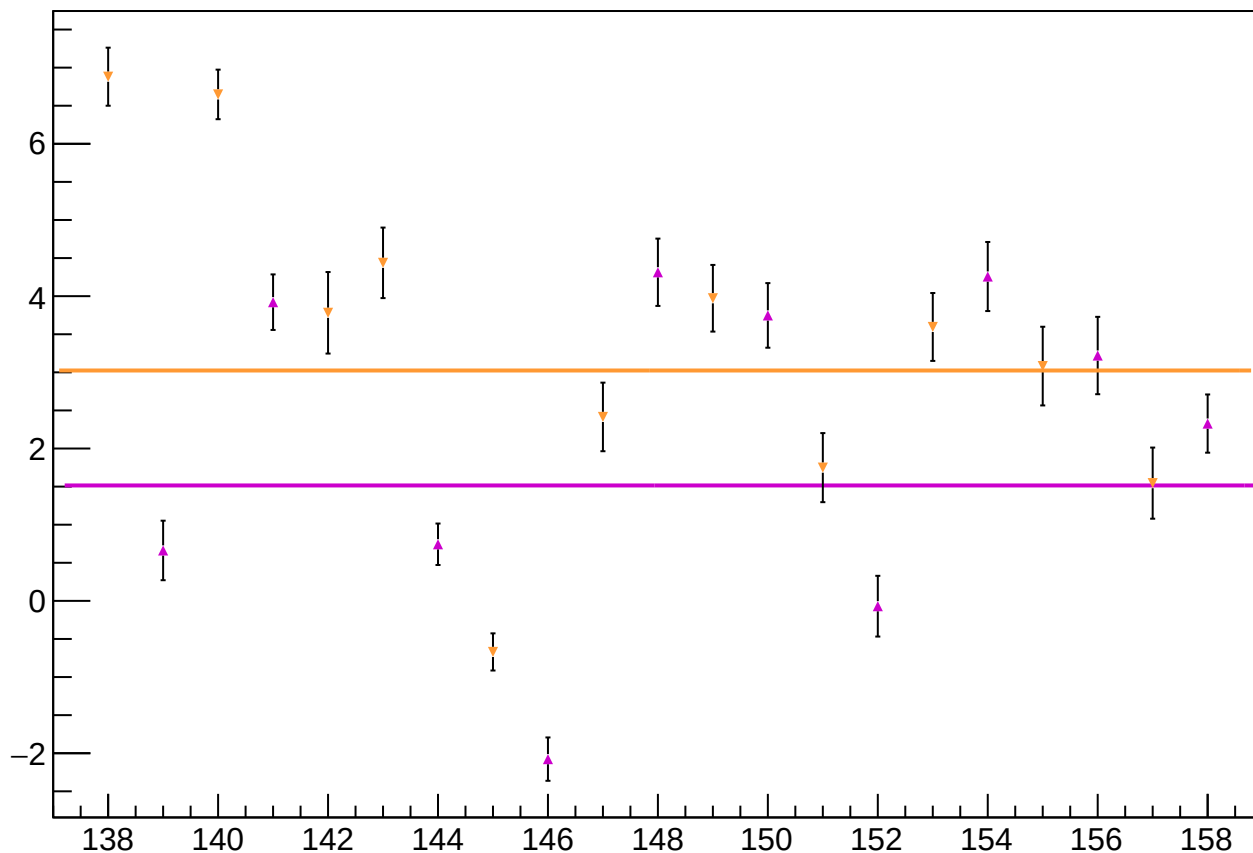
Left In: 0.144 ± 0.005 χ^2/NDF : 303.7/9

+ sign 0.092 ± 0.004 χ^2/NDF : 1064.7/27

All: 0.090 ± 0.003 χ^2/NDF : 2464.2/56

- sign 0.087 ± 0.004 χ^2/NDF : 1398.8/28

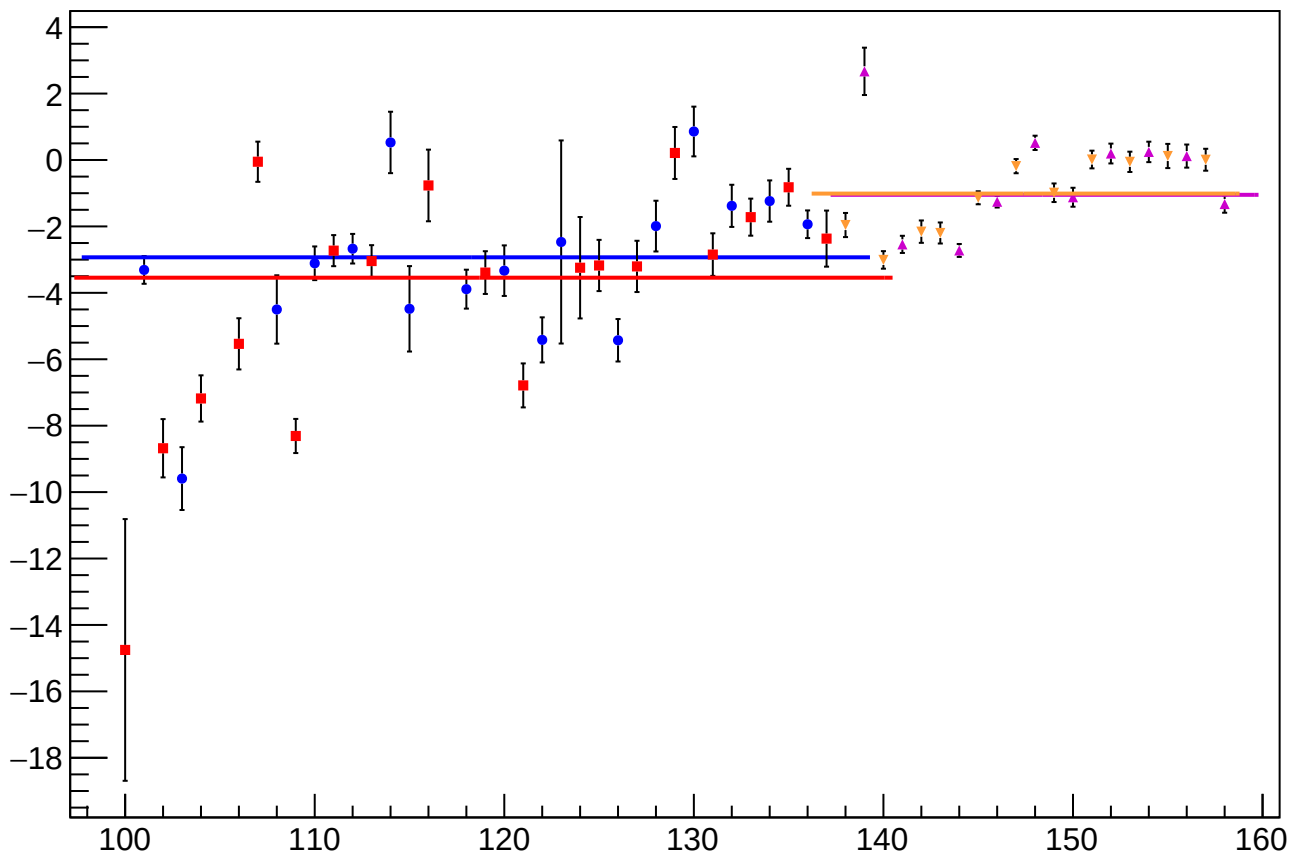
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.024 $\pm$ 0.120 χ^2 /NDF:493.5/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.515 $\pm$ 0.117 χ^2 /NDF:351.8/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.255 $\pm$ 0.084 χ^2 /NDF: 926.3/20
 - 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: -1.012 ± 0.084 χ^2/NDF : 148.8/10

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

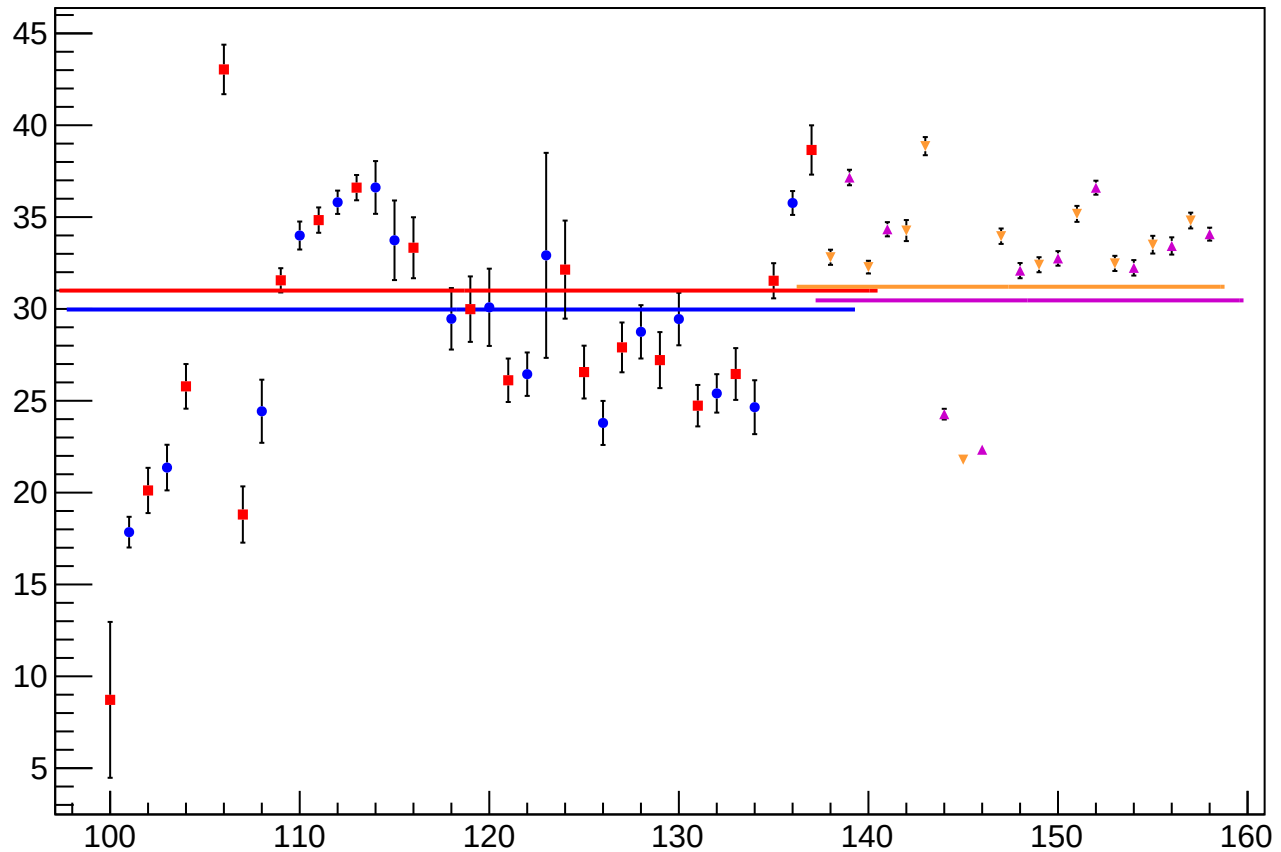
Left In: -1.049 ± 0.080 χ^2/NDF : 236.3/9

+ sign -1.449 ± 0.074 χ^2/NDF : 415.2/27

All: -1.517 ± 0.051 χ^2/NDF : 1149.8/56

- sign -1.580 ± 0.071 χ^2/NDF : 732.9/28

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 31.208 $\pm$ 0.121 χ^2 /NDF: 1844.5/10

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

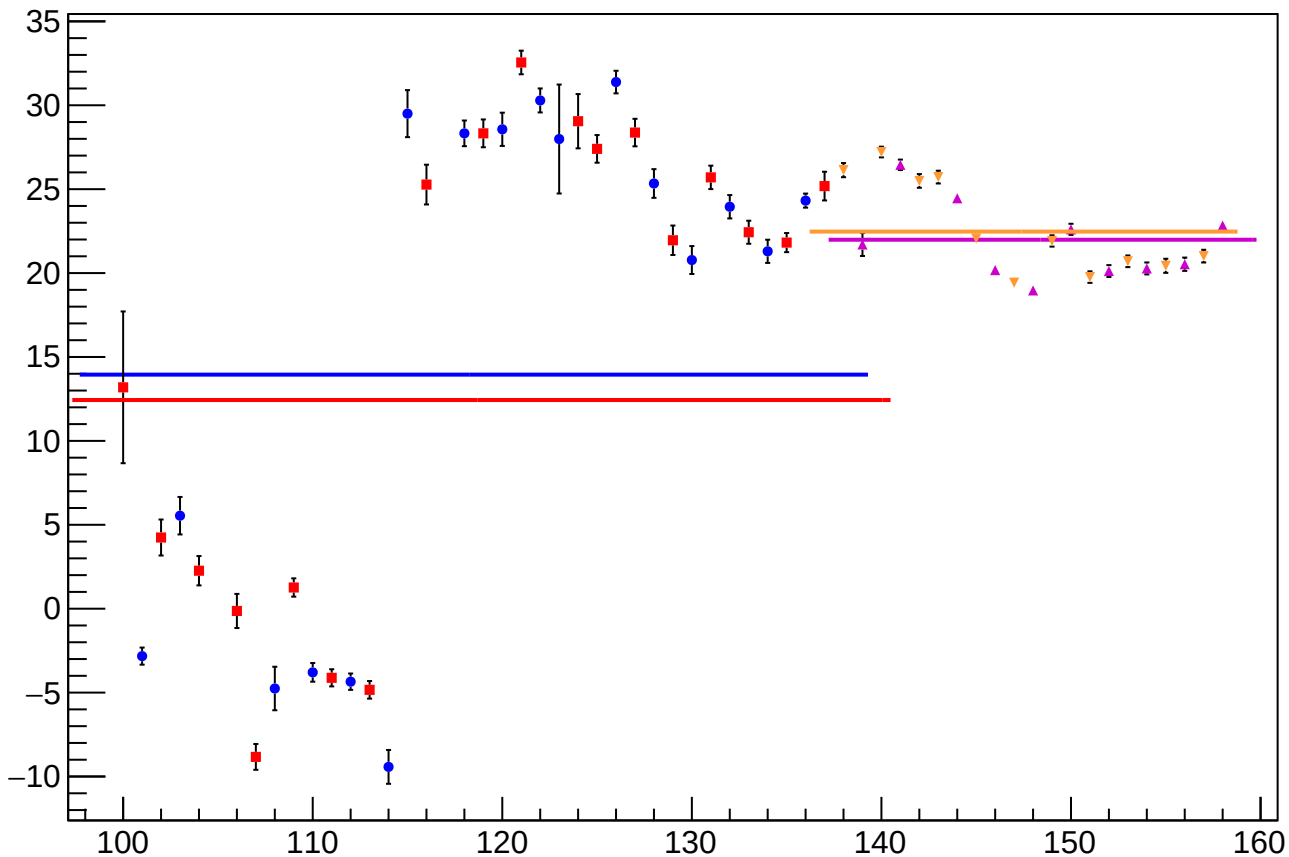
Left In: 30.465 $\pm$ 0.116 χ^2 /NDF: 2157.2/9

+ sign 30.997 $\pm$ 0.110 χ^2 /NDF: 2416.8/27

All: 30.767 $\pm$ 0.076 χ^2 /NDF: 5065.5/56

- sign 30.553 $\pm$ 0.106 χ^2 /NDF: 2640.2/28

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 22.473 $\pm$ 0.101 χ^2 /NDF:662.0/10

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

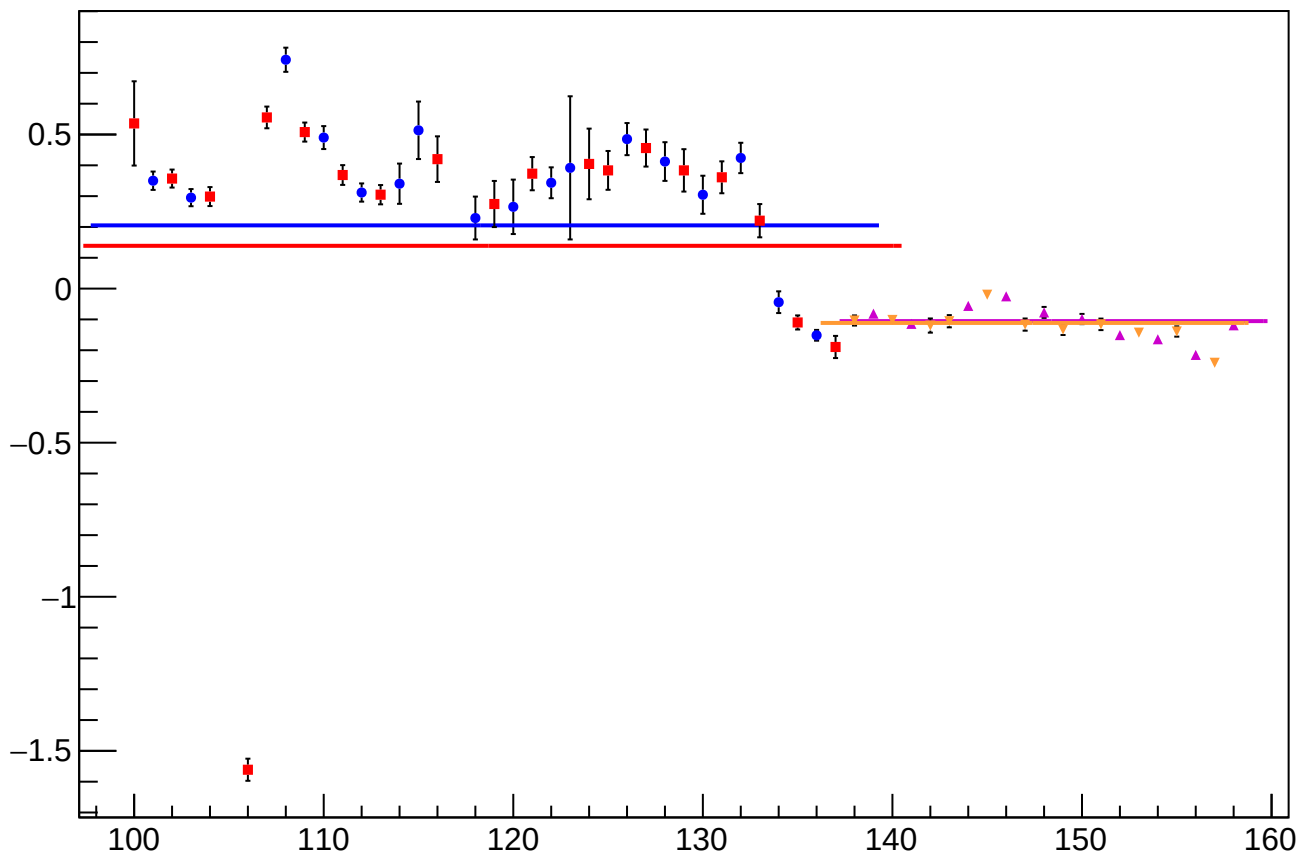
Left In: 21.987 $\pm$ 0.096 χ^2 /NDF:565.8/9

+ sign 20.275 $\pm$ 0.087 χ^2 /NDF: 9878.1/27

All: 19.995 $\pm$ 0.061 χ^2 /NDF: 19738.1/56

- sign 19.734 $\pm$ 0.084 χ^2 /NDF: 9840.1/28

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.111 ± 0.005 χ^2/NDF : 170.4/10

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

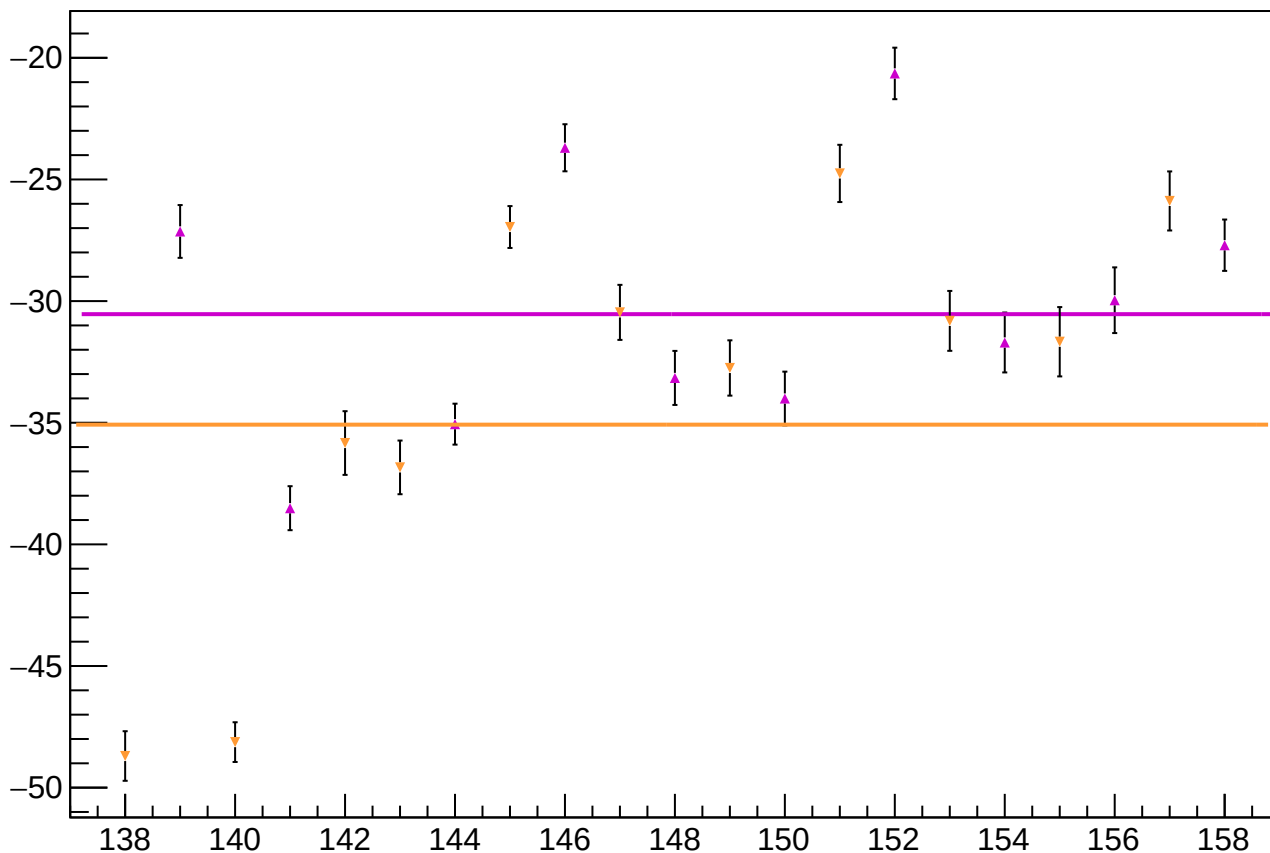
Left In: -0.106 ± 0.005 χ^2/NDF : 137.1/9

+ sign -0.046 ± 0.004 χ^2/NDF : 1923.4/27

All: -0.051 ± 0.003 χ^2/NDF : 5644.6/56

- sign -0.056 ± 0.004 χ^2/NDF : 3718.1/28

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.079 ± 0.327 χ^2/NDF : 699.0/10

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

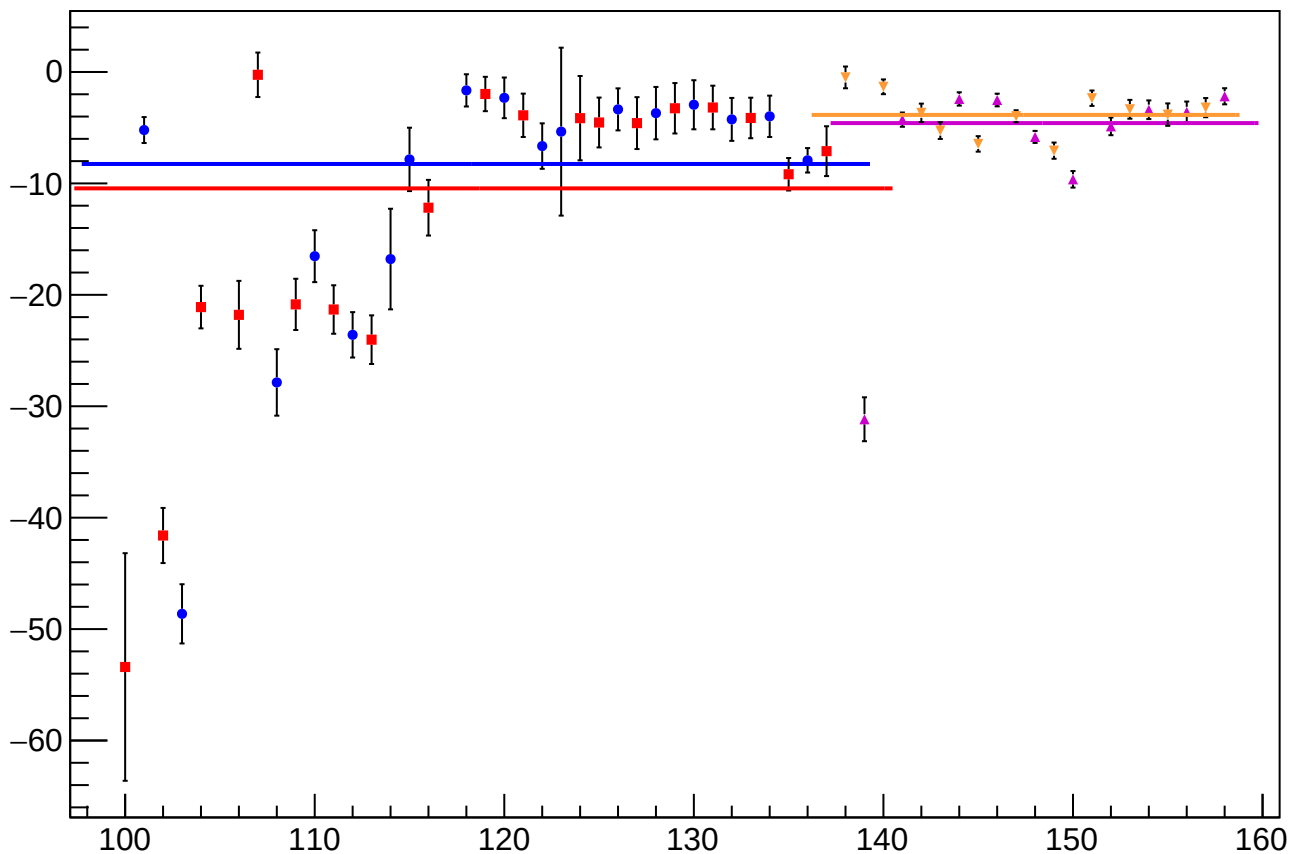
Left In: -30.537 ± 0.330 χ^2/NDF : 277.5/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.825 ± 0.232 χ^2/NDF : 1072.0/20

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.852 ± 0.225 χ^2/NDF : 69.1/10

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

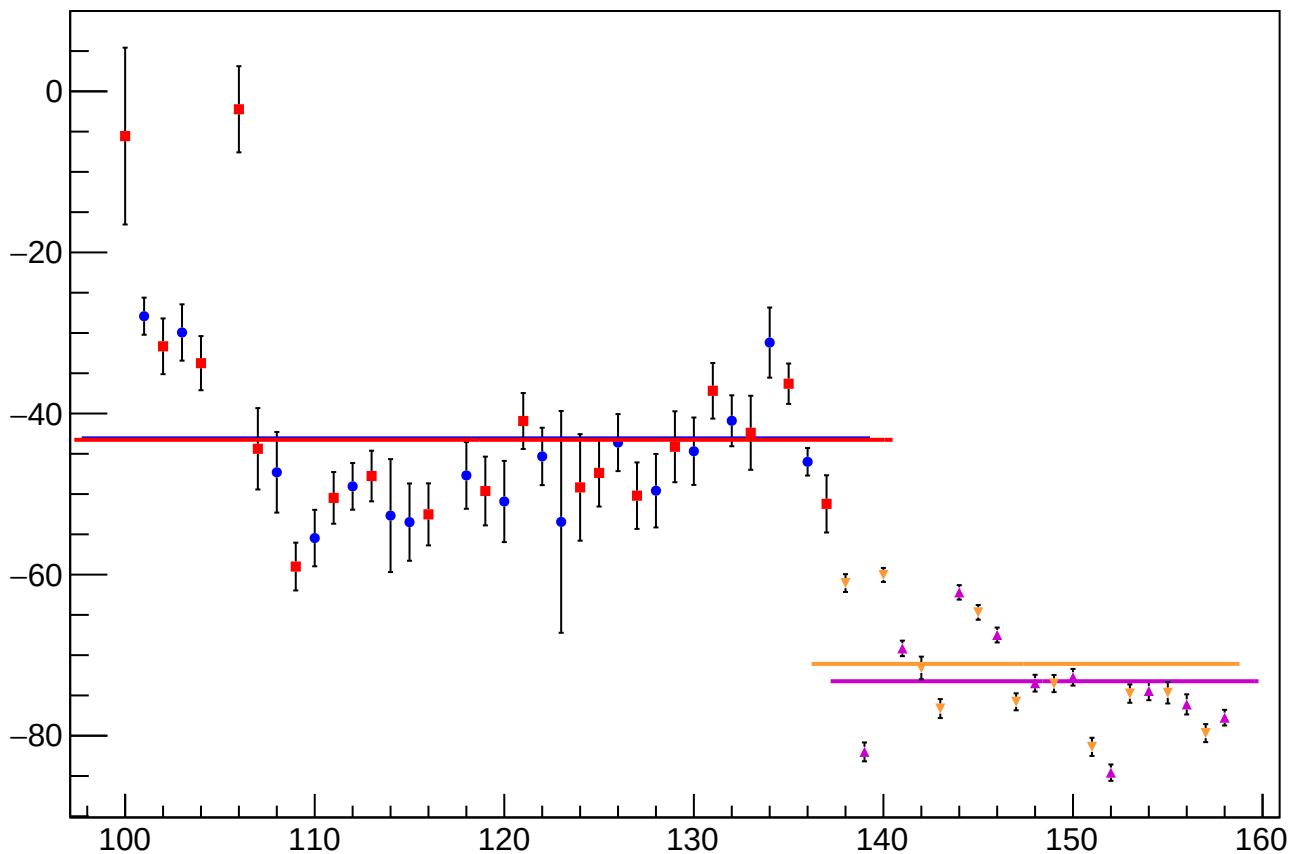
Left In: -4.586 ± 0.224 χ^2/NDF : 274.4/9

+ sign -4.694 ± 0.202 χ^2/NDF : 554.7/27

All: -5.140 ± 0.143 χ^2/NDF : 1385.3/56

- sign -5.595 ± 0.204 χ^2/NDF : 820.7/28

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: -71.083 ± 0.328 $\chi^2/\text{NDF}: 500.7/10$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

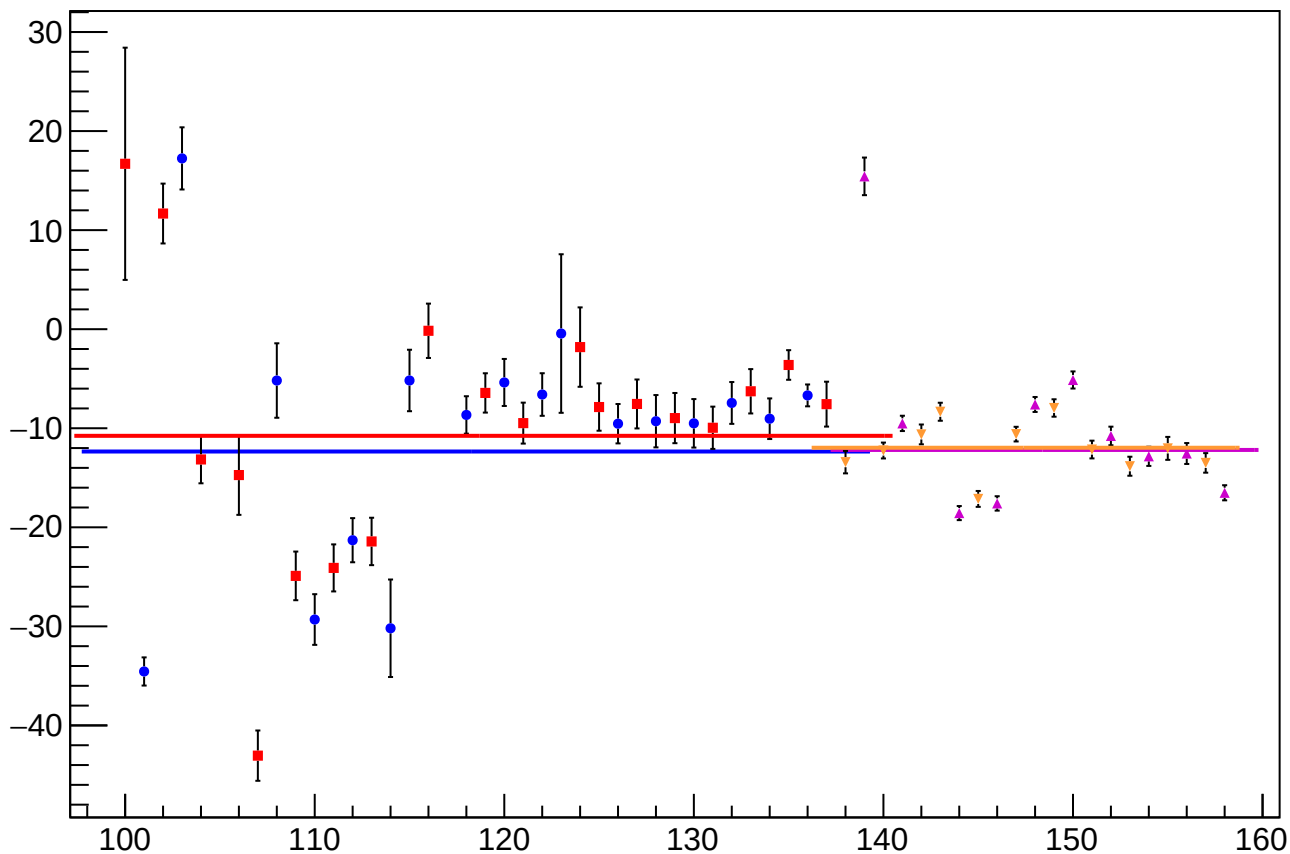
Left In: -73.236 ± 0.324 $\chi^2/\text{NDF}: 416.0/9$

+ sign -67.326 ± 0.306 $\chi^2/\text{NDF}: 1575.4/27$

All: -68.445 ± 0.215 $\chi^2/\text{NDF}: 3221.8/56$

- sign -69.550 ± 0.304 $\chi^2/\text{NDF}: 1619.8/28$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -11.969 ± 0.274 χ^2/NDF : 91.5/10

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

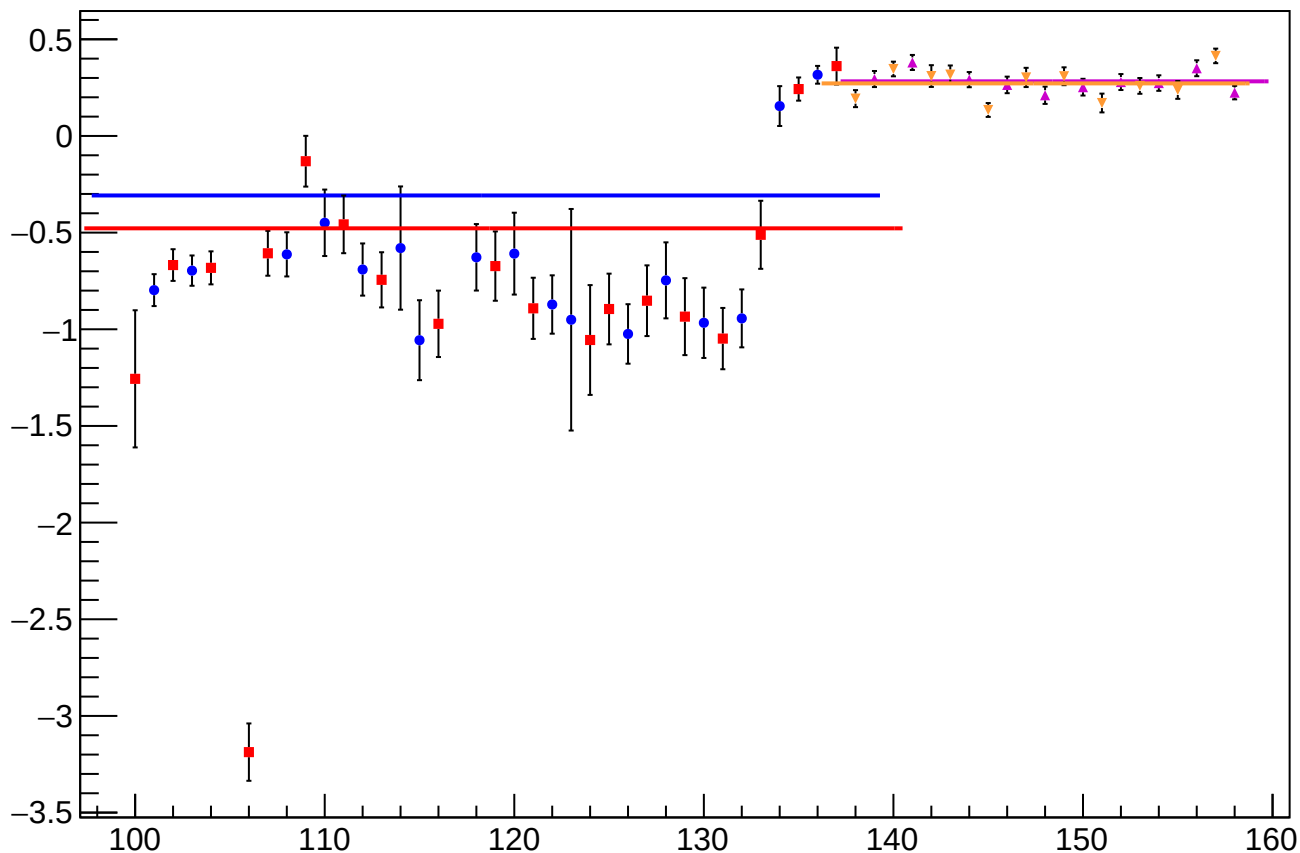
Left In: -12.190 ± 0.270 χ^2/NDF : 498.1/9

+ sign -12.051 ± 0.242 χ^2/NDF : 567.9/27

All: -11.984 ± 0.171 χ^2/NDF : 1438.2/56

- sign -11.916 ± 0.243 χ^2/NDF : 870.2/28

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: 0.272 ± 0.013 χ^2/NDF : 43.4/10

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

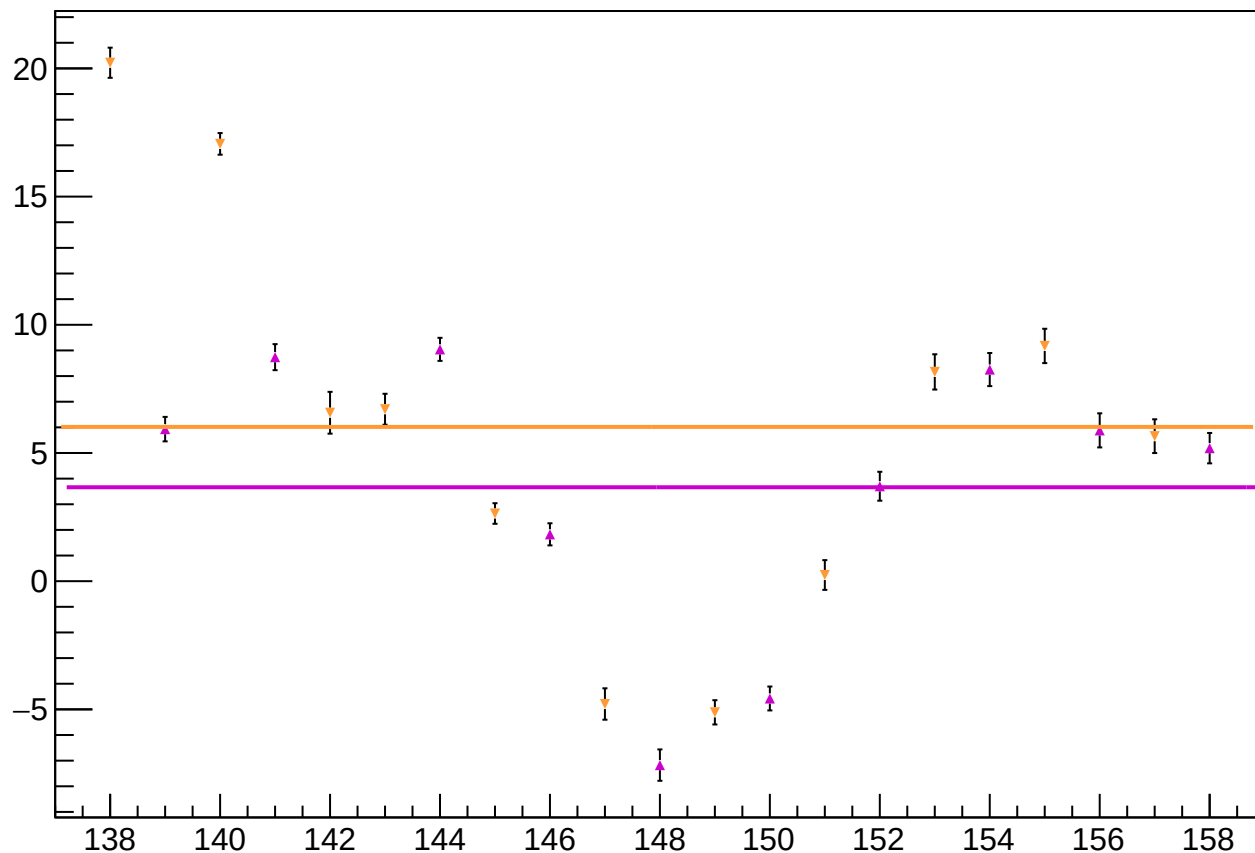
Left In: 0.282 ± 0.013 χ^2/NDF : 15.2/9

+ sign 0.165 ± 0.012 χ^2/NDF : 777.7/27

All: 0.160 ± 0.008 χ^2/NDF : 2015.3/56

- sign 0.155 ± 0.012 χ^2/NDF : 1237.3/28

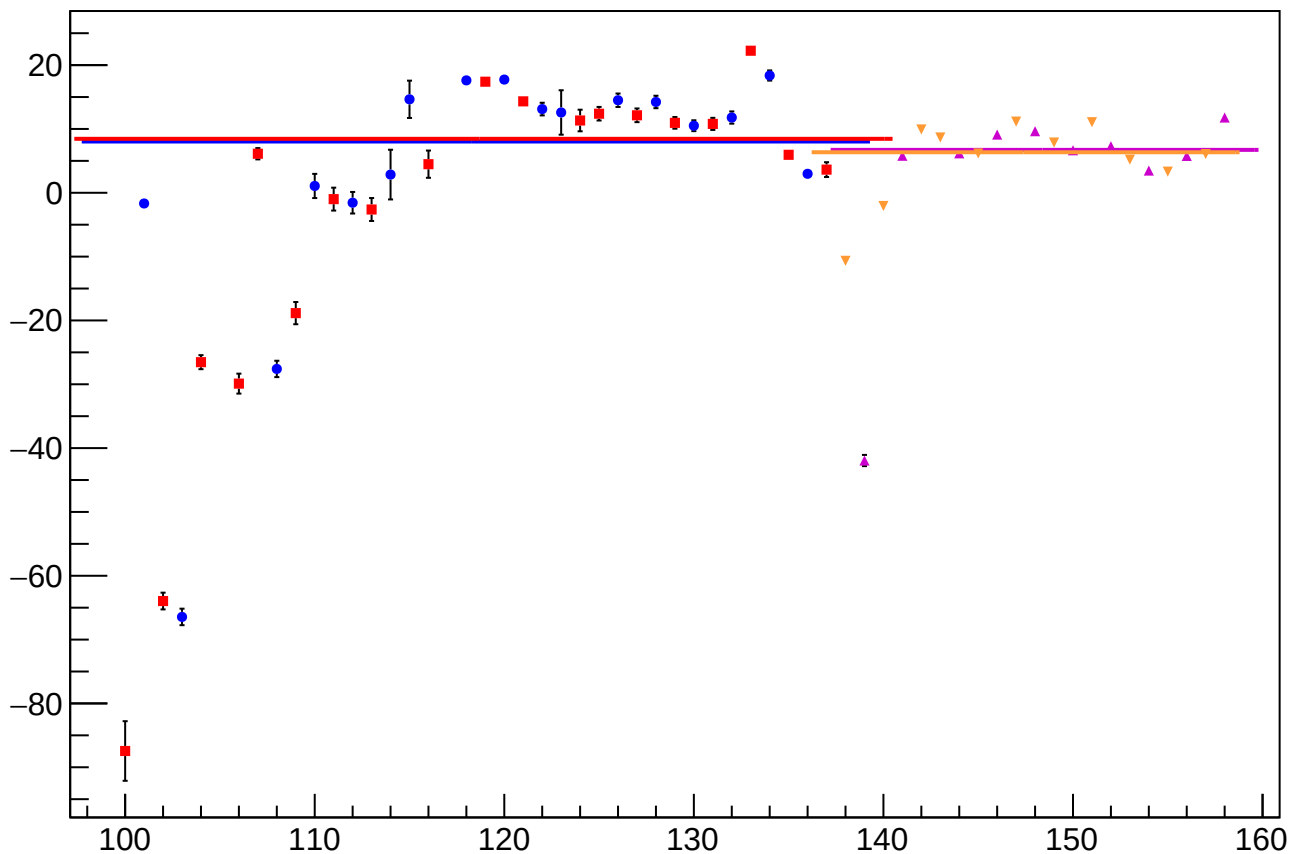
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.017 $\pm$ 0.167 χ^2 /NDF:2335.7/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.663 $\pm$ 0.165 χ^2 /NDF:978.3/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.827 $\pm$ 0.118 χ^2 /NDF: 3414.1/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 6.350 ± 0.116 $\chi^2/\text{NDF}: 1997.2/10$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

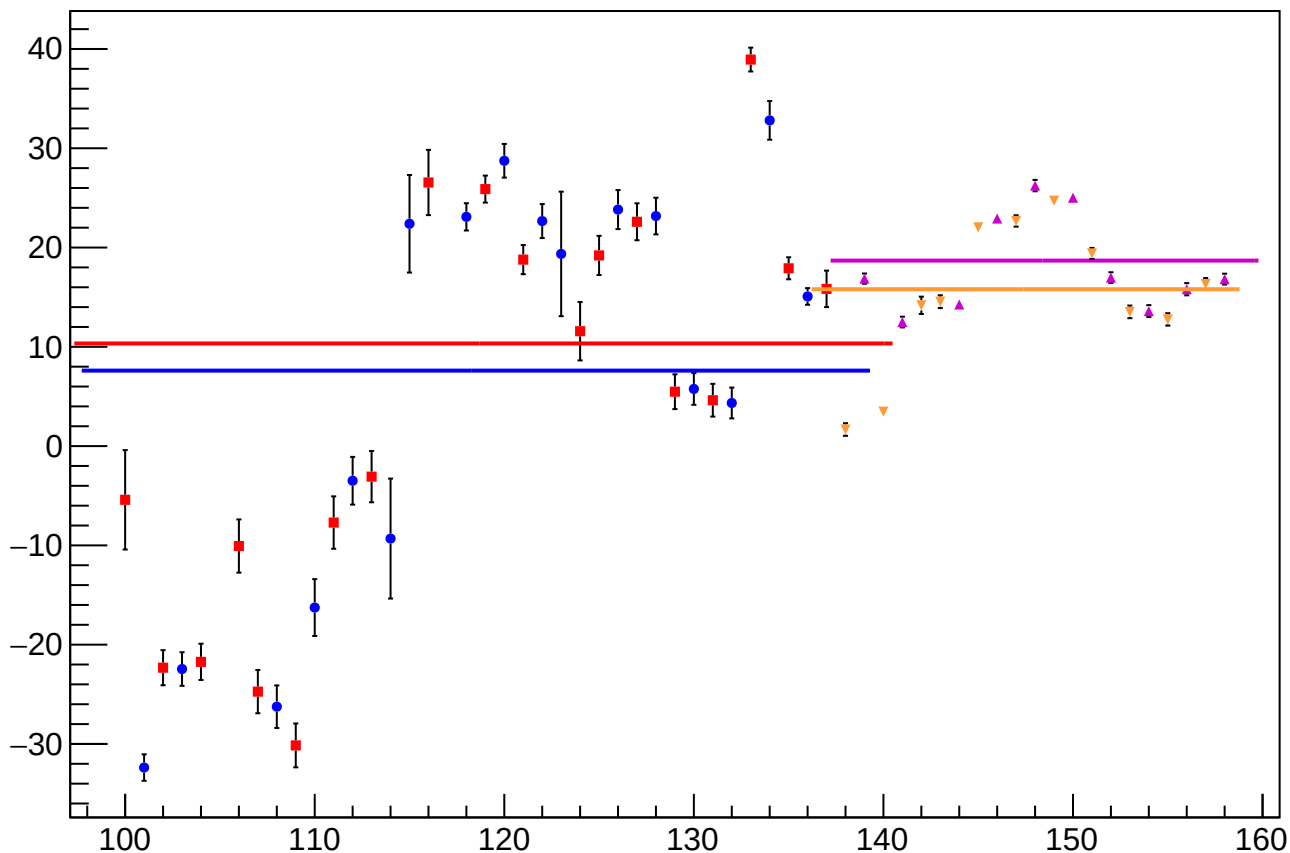
Left In: 6.724 ± 0.116 $\chi^2/\text{NDF}: 3453.9/9$

+ sign 6.731 ± 0.102 $\chi^2/\text{NDF}: 7414.1/27$

All: 6.926 ± 0.072 $\chi^2/\text{NDF}: 17630.4/56$

- sign 7.120 ± 0.102 $\chi^2/\text{NDF}: 10209.0/28$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 15.800 ± 0.167 χ^2/NDF : 2096.1/10

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

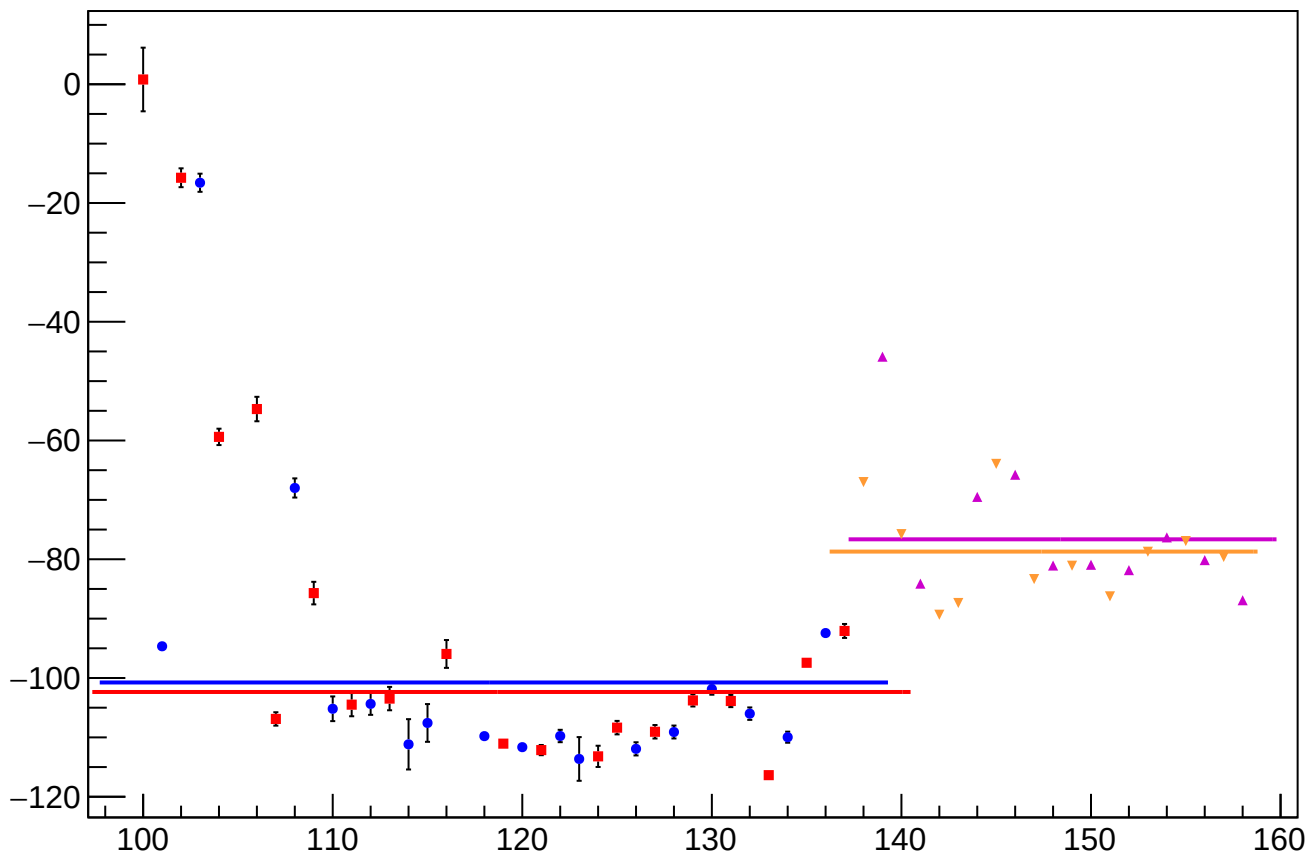
Left In: 18.686 ± 0.163 χ^2/NDF : 832.8/9

+ sign 14.661 ± 0.155 χ^2/NDF : 4755.6/27

All: 16.155 ± 0.108 χ^2/NDF : 8400.6/56

- sign 17.582 ± 0.151 χ^2/NDF : 3463.3/28

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -78.709 ± 0.141 χ^2/NDF : 2935.1/10

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

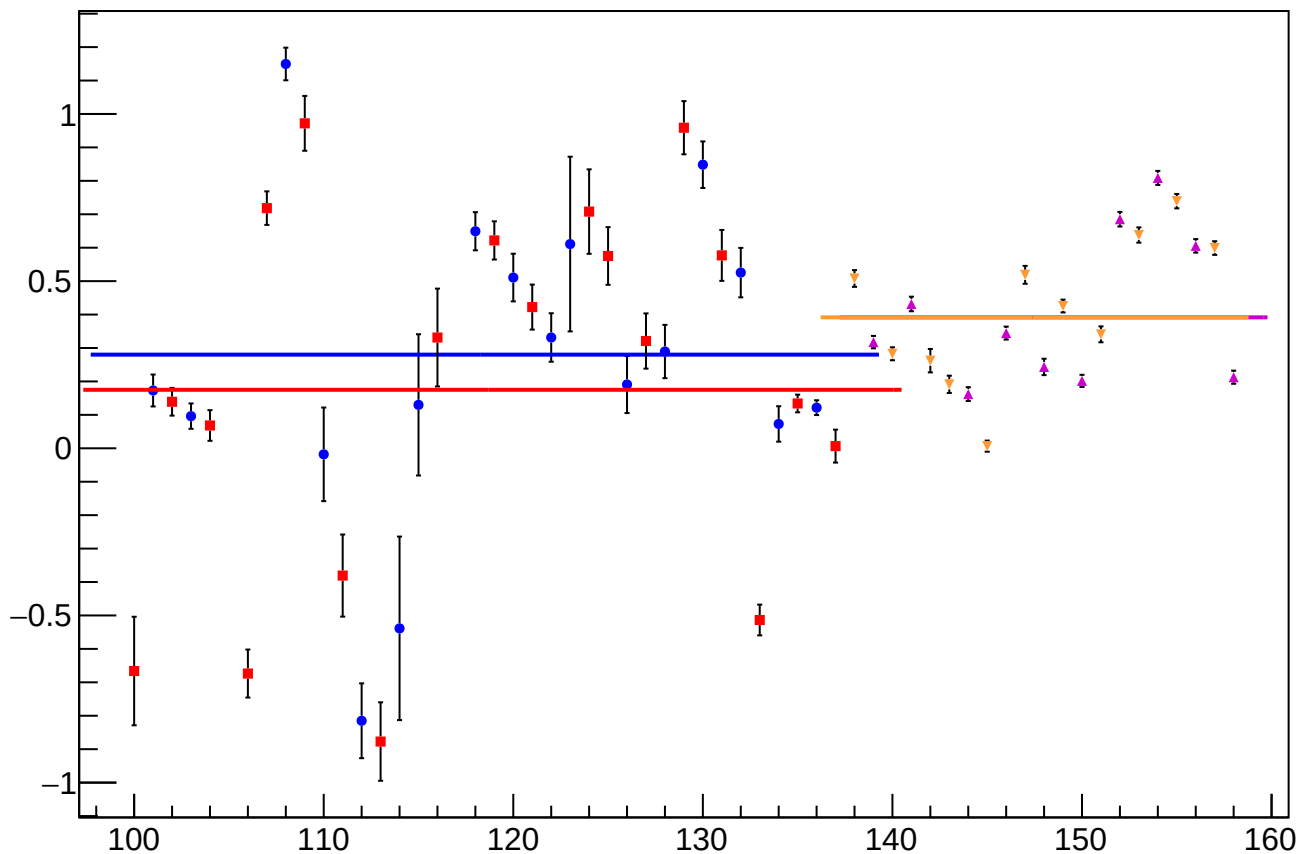
Left In: -76.643 ± 0.139 χ^2/NDF : 3936.2/9

+ sign -84.089 ± 0.123 χ^2/NDF : 13430.0/27

All: -83.447 ± 0.086 χ^2/NDF : 31781.1/56

- sign -82.824 ± 0.121 χ^2/NDF : 18297.1/28

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: 0.392 ± 0.007 χ^2/NDF : 1170.5/10

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

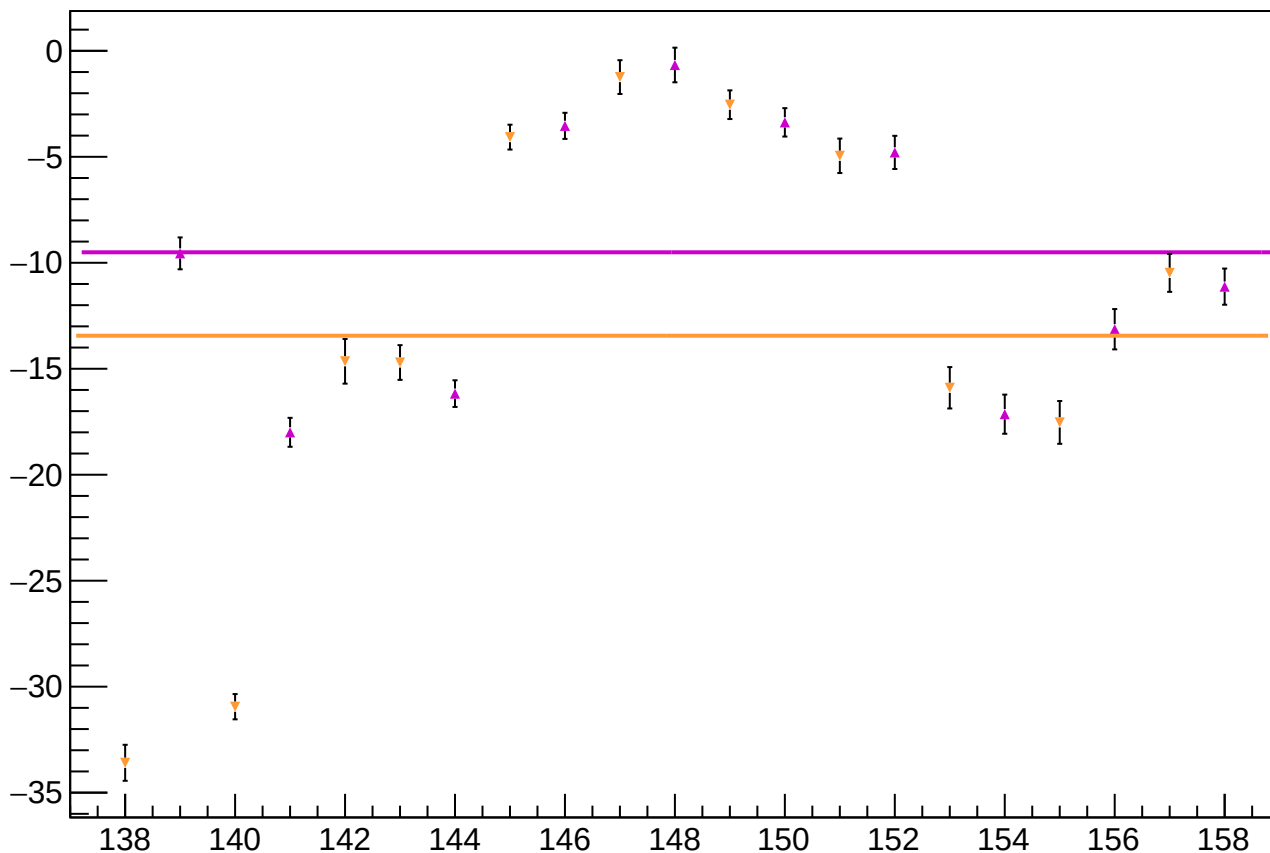
Left In: 0.392 ± 0.006 χ^2/NDF : 1059.7/9

+ sign 0.370 ± 0.006 χ^2/NDF : 1881.5/27

All: 0.360 ± 0.004 χ^2/NDF : 4124.0/56

- sign 0.351 ± 0.006 χ^2/NDF : 2237.6/28

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.440 $\pm$ 0.235 χ^2 /NDF:2320.6/10

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

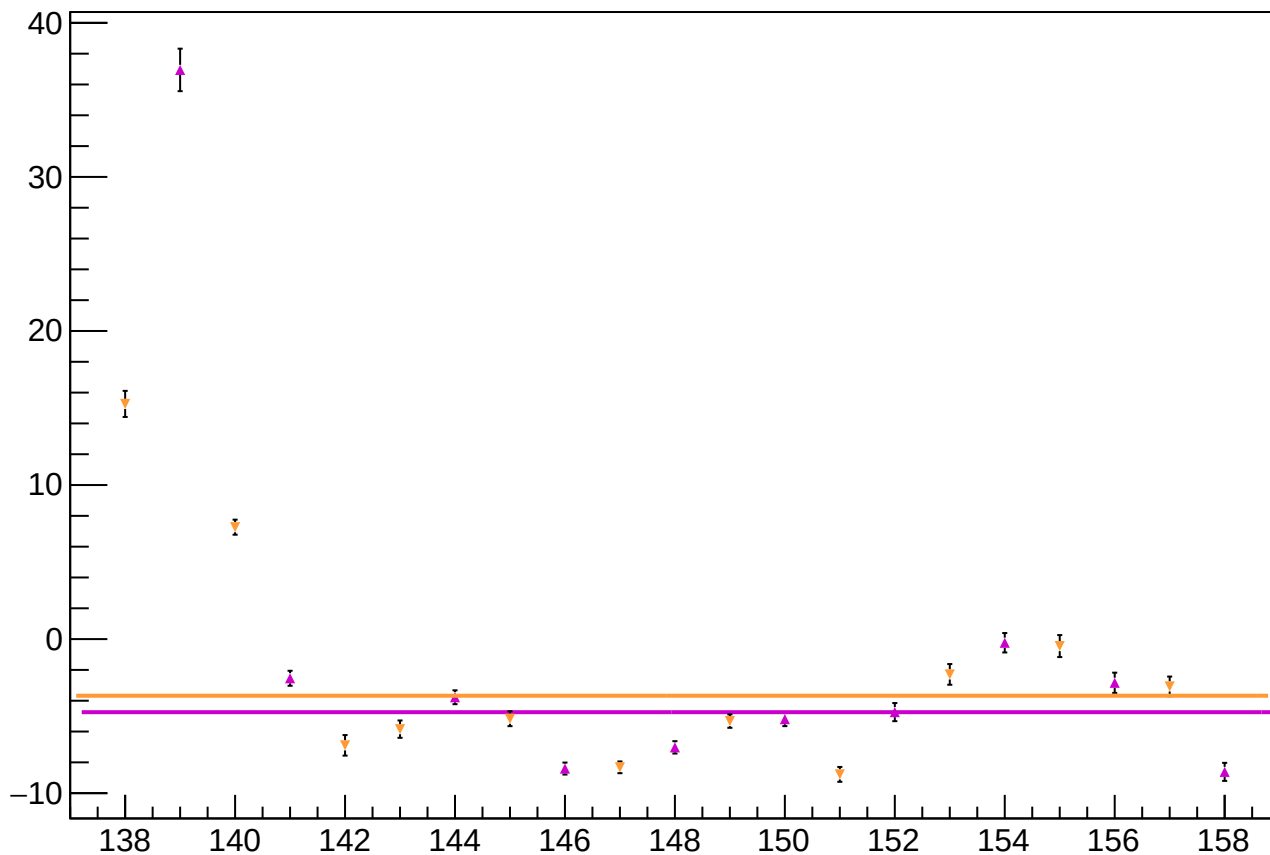
Left In: -9.505 $\pm$ 0.235 χ^2 /NDF:684.6/9

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

All: -11.470 $\pm$ 0.166 χ^2 /NDF: 3145.1/20

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

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.675 ± 0.161 χ^2/NDF : 1349.2/10

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

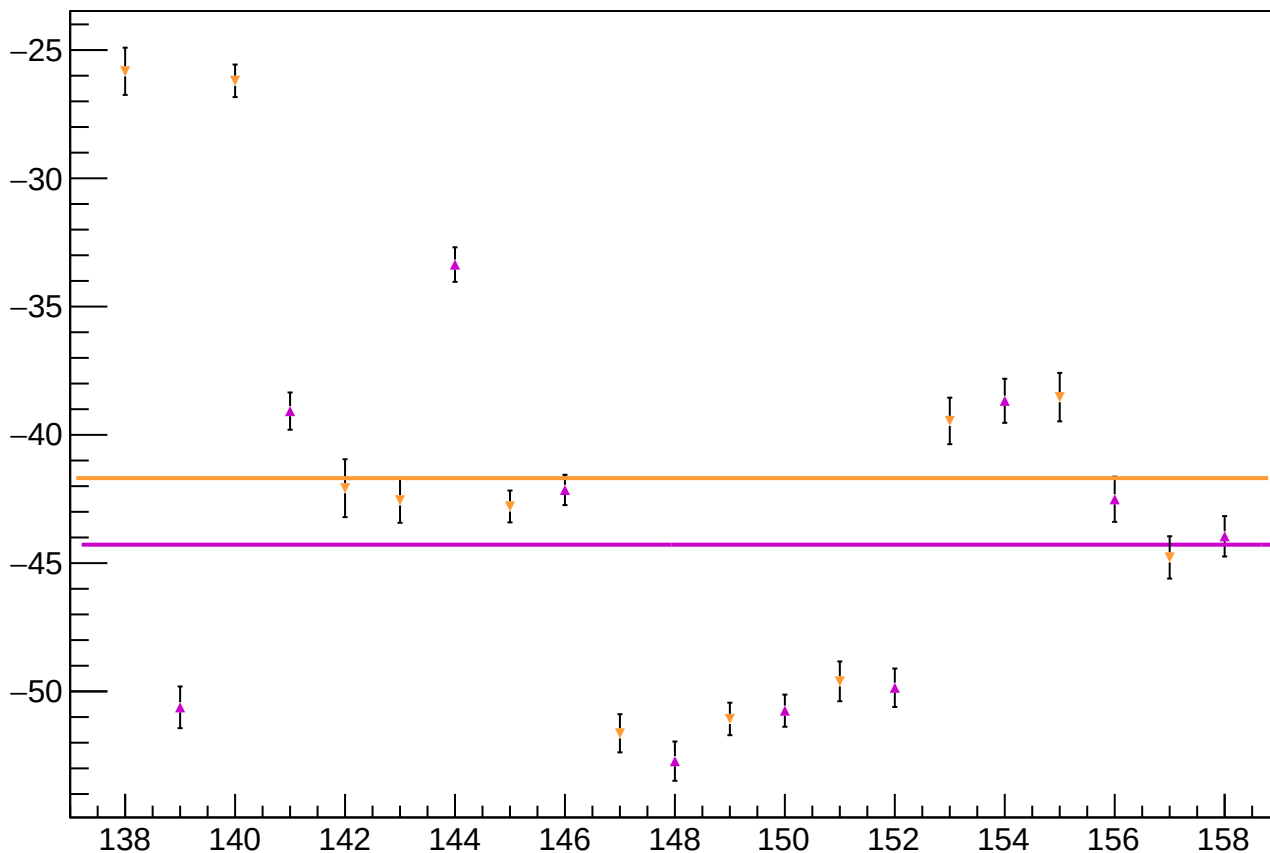
Left In: -4.744 ± 0.162 χ^2/NDF : 1164.0/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.207 ± 0.114 χ^2/NDF : 2534.9/20

- 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: -41.687 ± 0.235 χ^2/NDF : 1429.7/10

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

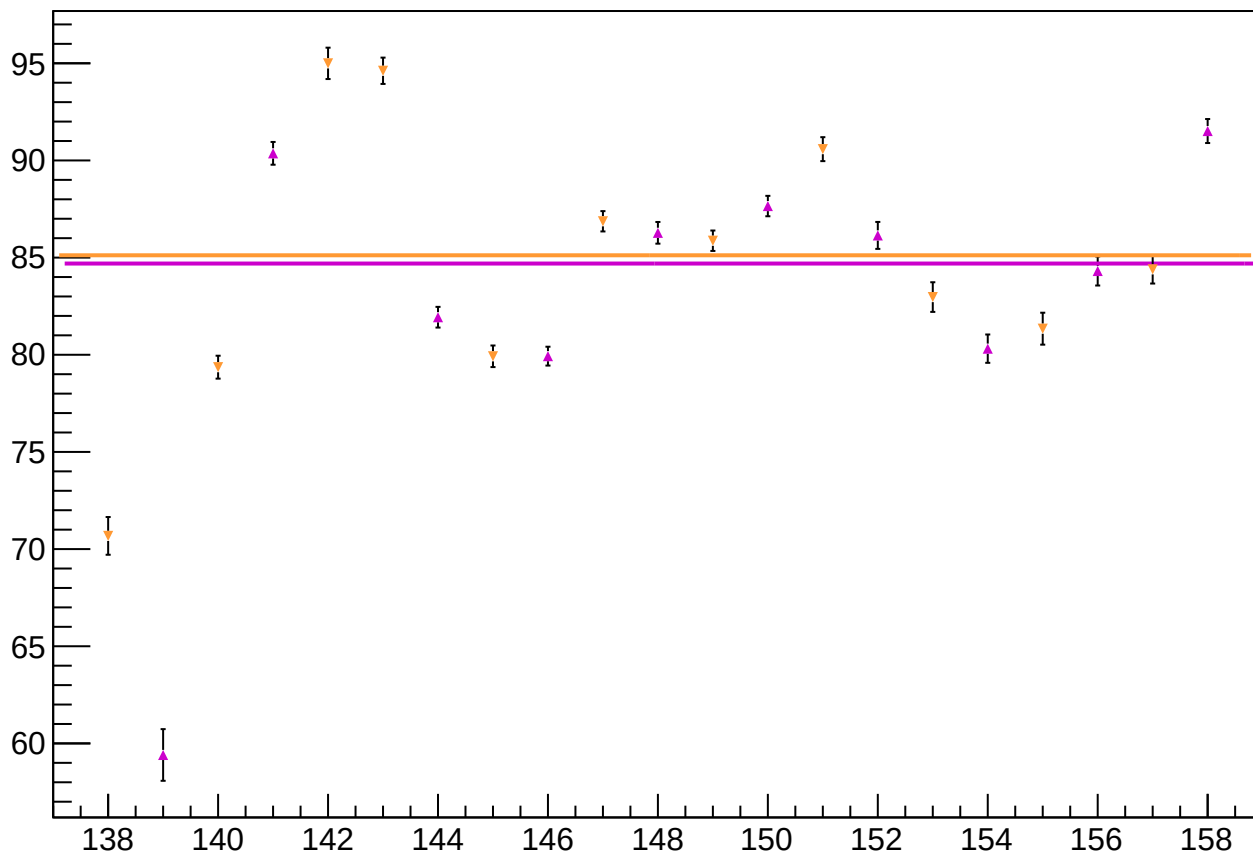
Left In: -44.281 ± 0.231 χ^2/NDF : 718.2/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.006 ± 0.165 χ^2/NDF : 2210.0/20

- 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: 85.120+/-0.197 χ^2/NDF : 872.4/10

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

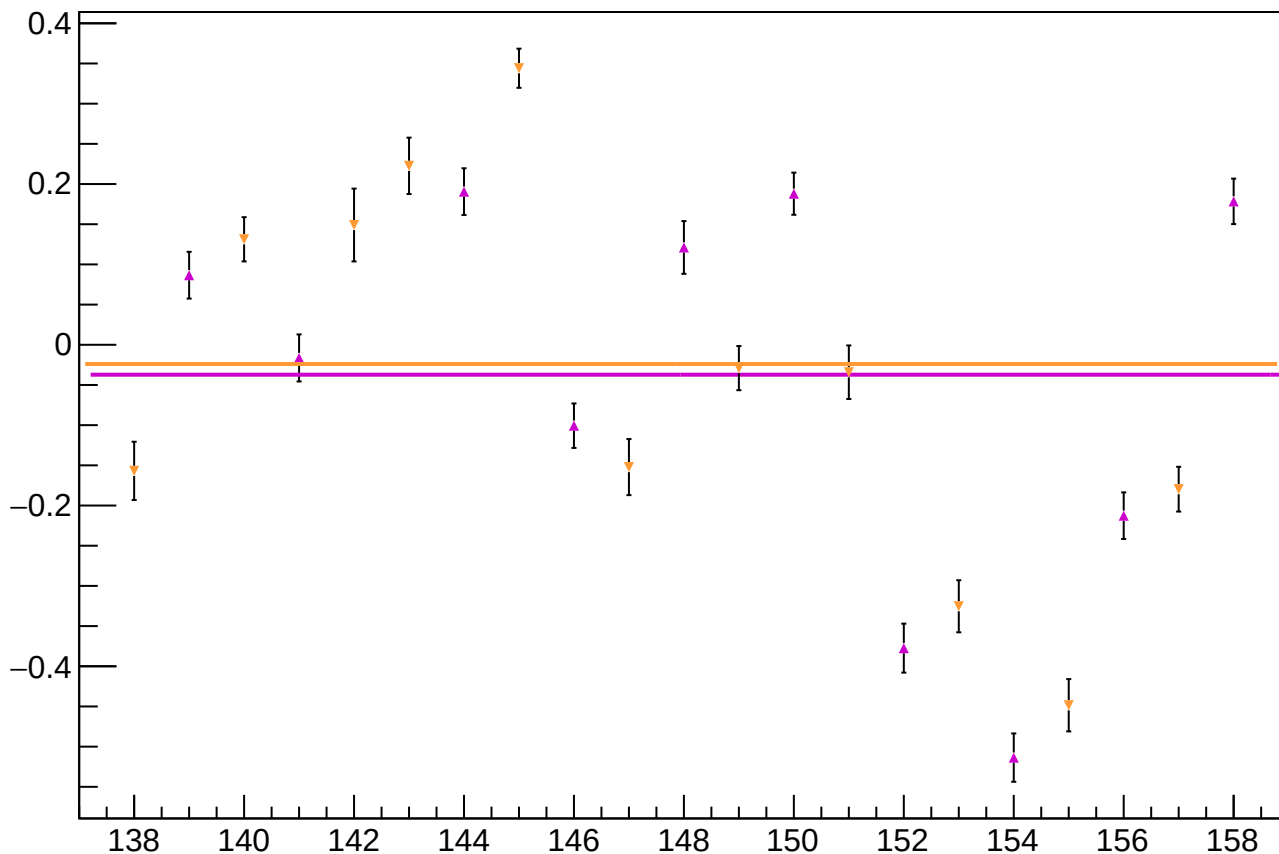
Left In: 84.694+/-0.194 χ^2/NDF : 781.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.905+/-0.138 χ^2/NDF : 1656.0/20

- 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: -0.024 $\pm$ 0.009 χ^2 /NDF: 639.7/10

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

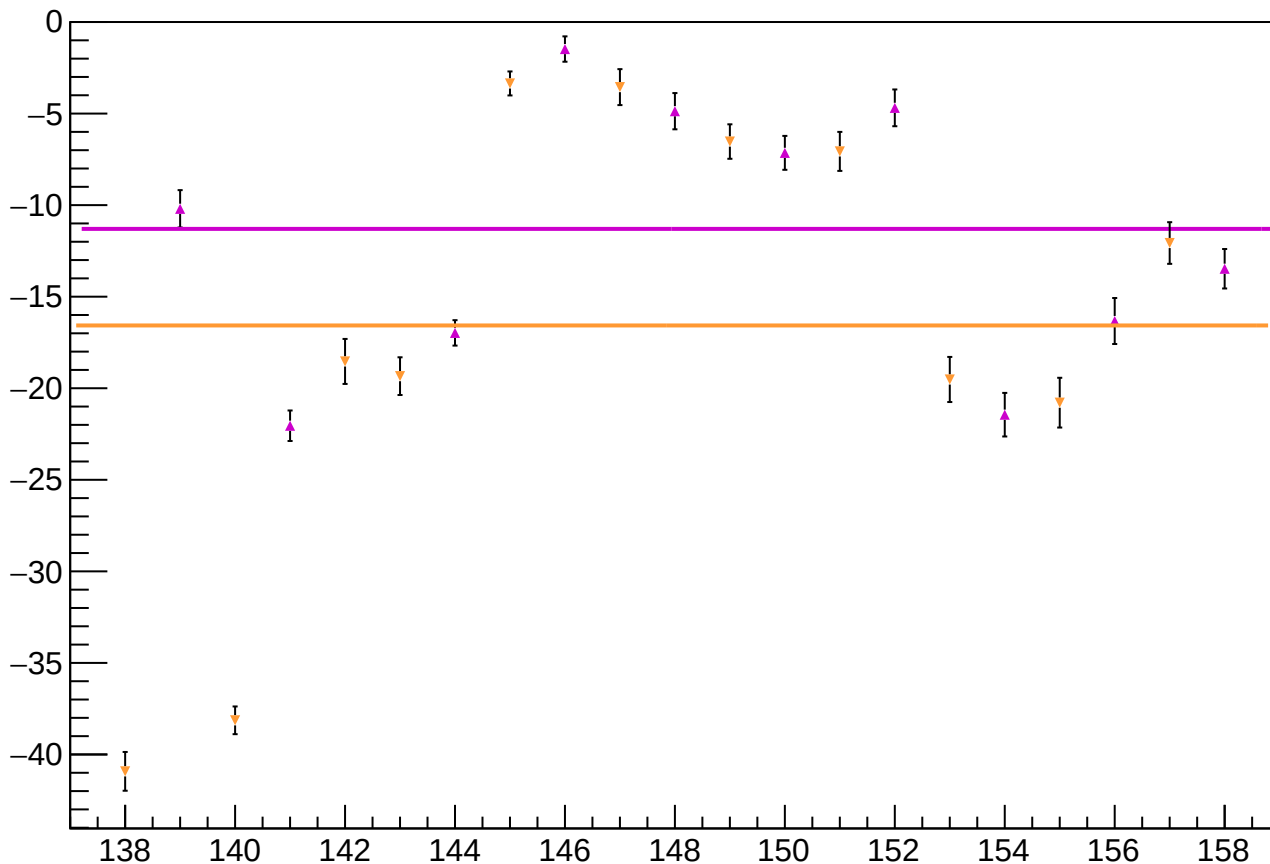
Left In: -0.037 $\pm$ 0.009 χ^2 /NDF: 652.4/9

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

All: -0.031 $\pm$ 0.007 χ^2 /NDF: 1293.1/20

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -16.571 $\pm$ 0.294 χ^2 /NDF: 2158.2/10

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

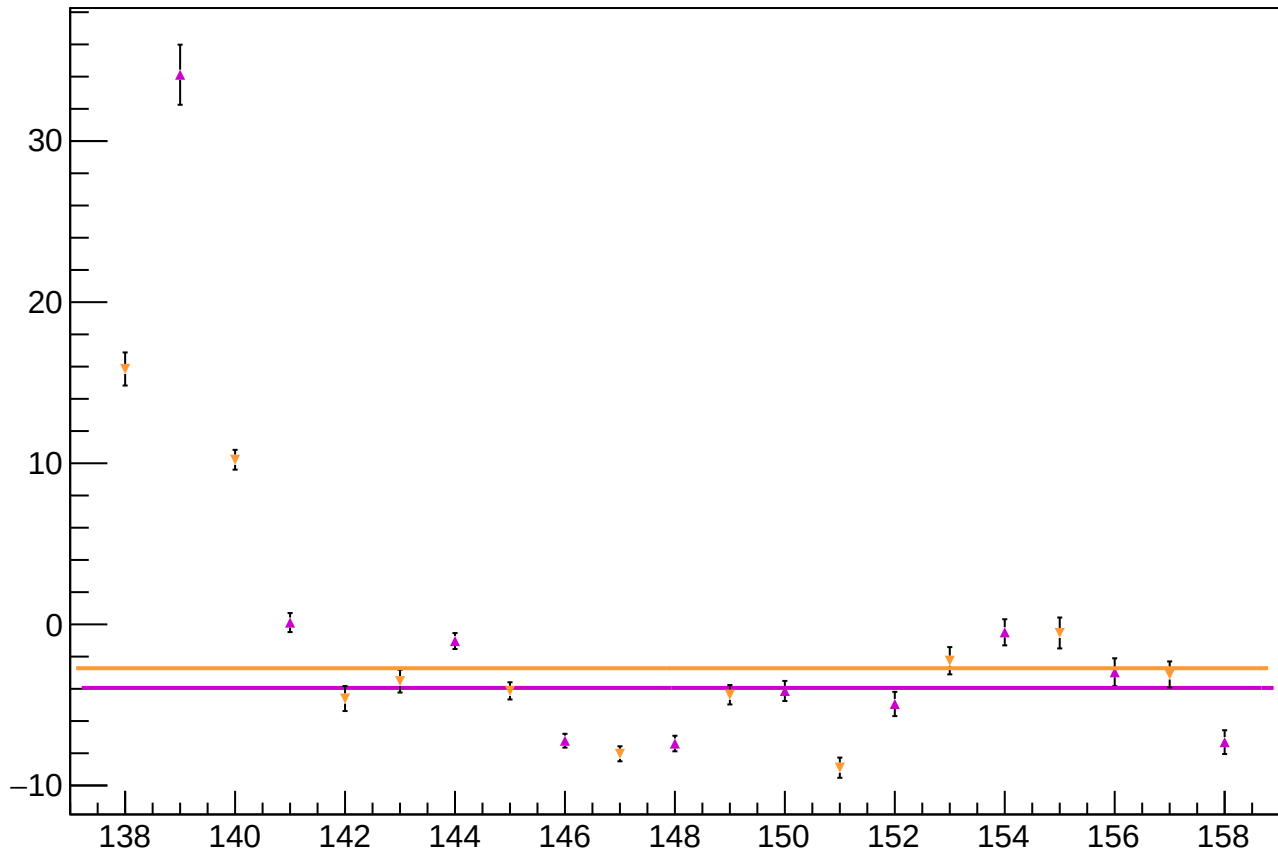
Left In: -11.298 $\pm$ 0.289 χ^2 /NDF: 634.5/9

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

All: -13.895 $\pm$ 0.206 χ^2 /NDF: 2956.3/20

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

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.720+/-0.201 χ^2/NDF : 1024.3/10

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

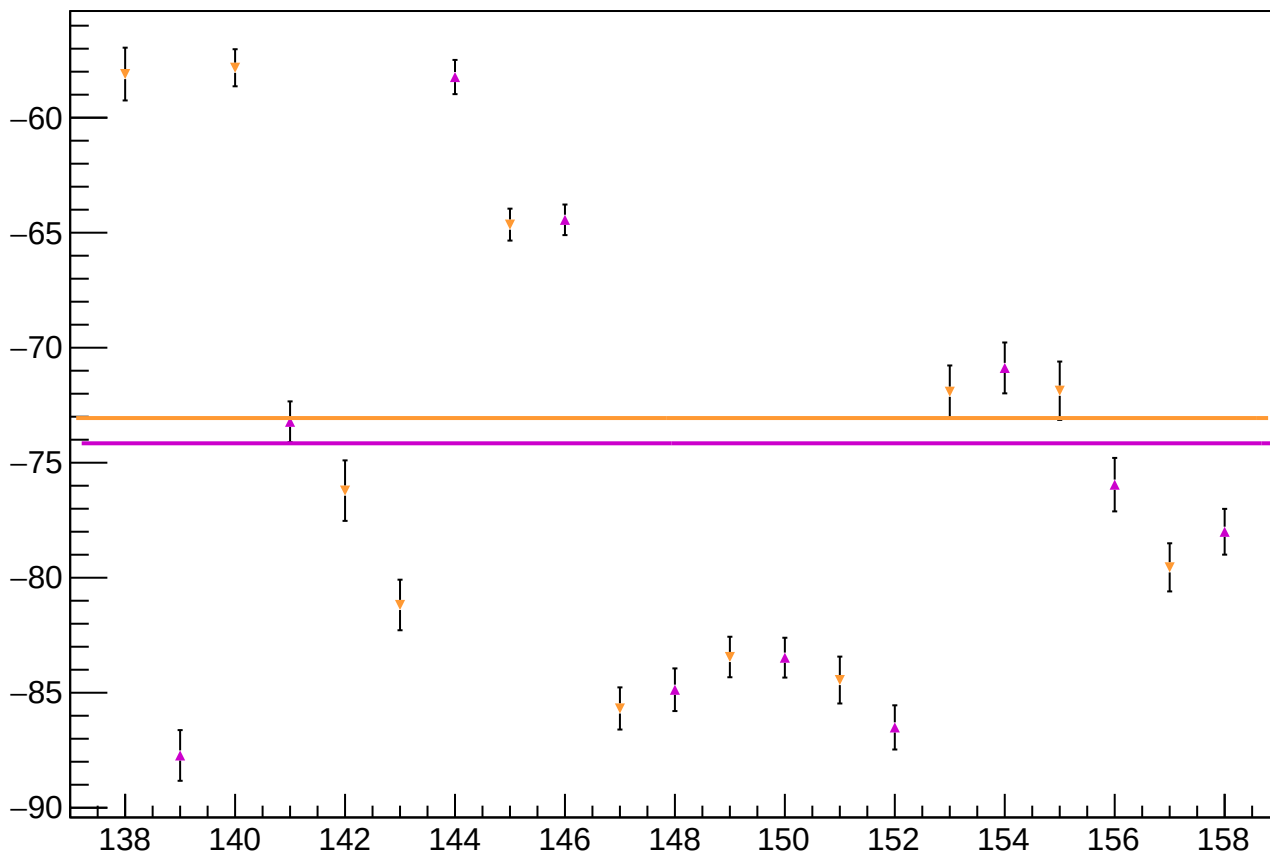
Left In: -3.945+/-0.196 χ^2/NDF : 649.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.348+/-0.140 χ^2/NDF : 1693.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -73.058 $\pm$ 0.295 χ^2 /NDF:1228.4/10

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

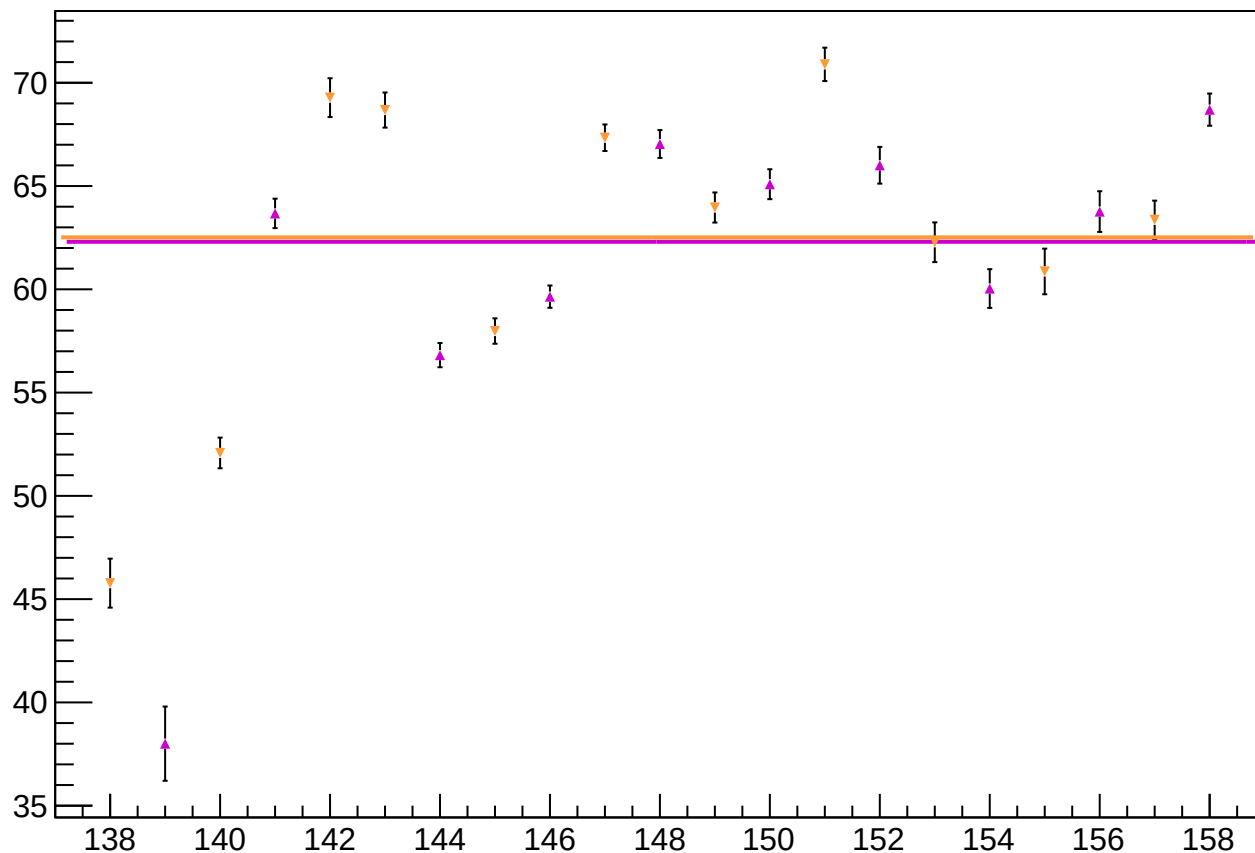
Left In: -74.156 $\pm$ 0.285 χ^2 /NDF:1265.6/9

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

All: -73.625 $\pm$ 0.205 χ^2 /NDF: 2501.1/20

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

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 62.516 $\pm$ 0.246 χ^2 /NDF:726.3/10

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

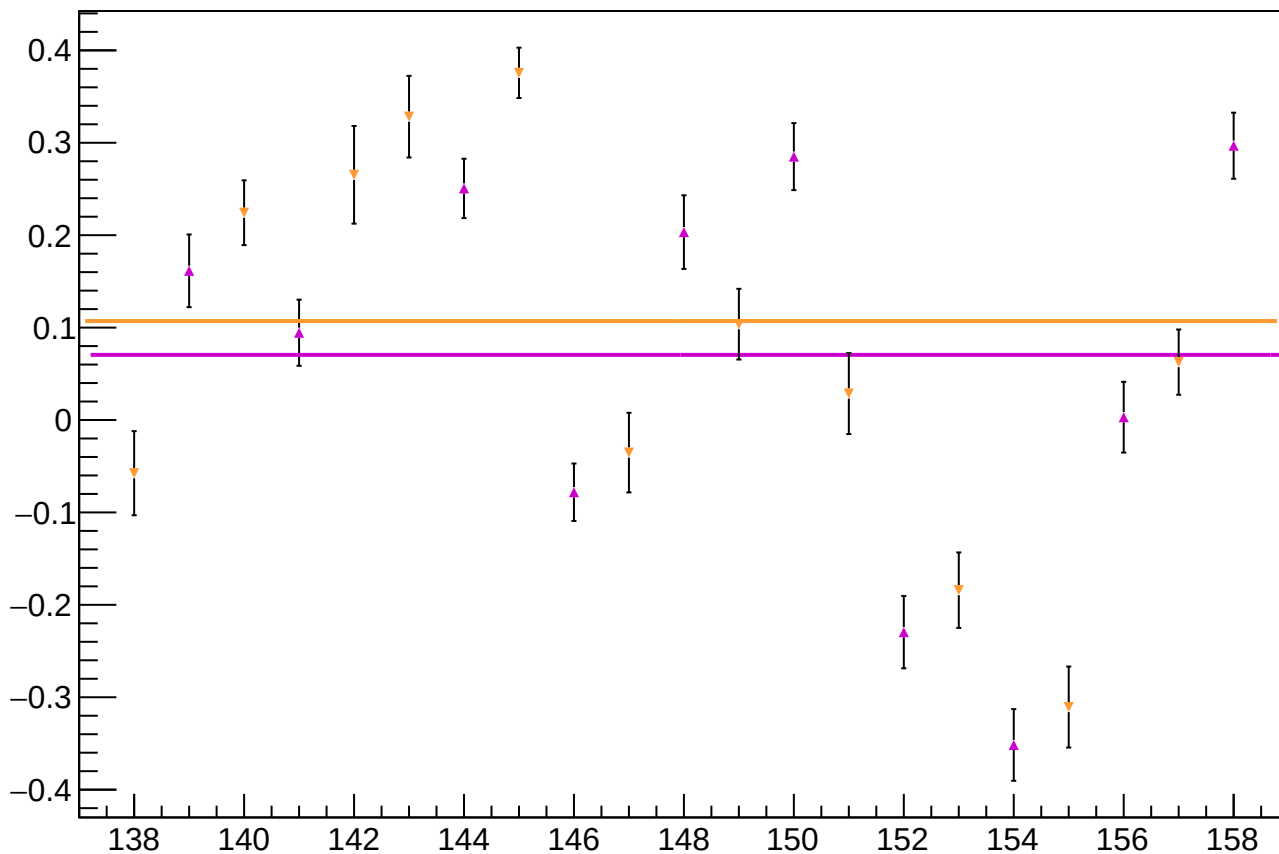
Left In: 62.301 $\pm$ 0.237 χ^2 /NDF:455.0/9

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

All: 62.405 $\pm$ 0.170 χ^2 /NDF: 1181.8/20

- sign 0.000 $\pm$ 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: 0.107 $\pm$ 0.012 χ^2 /NDF:312.8/10

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

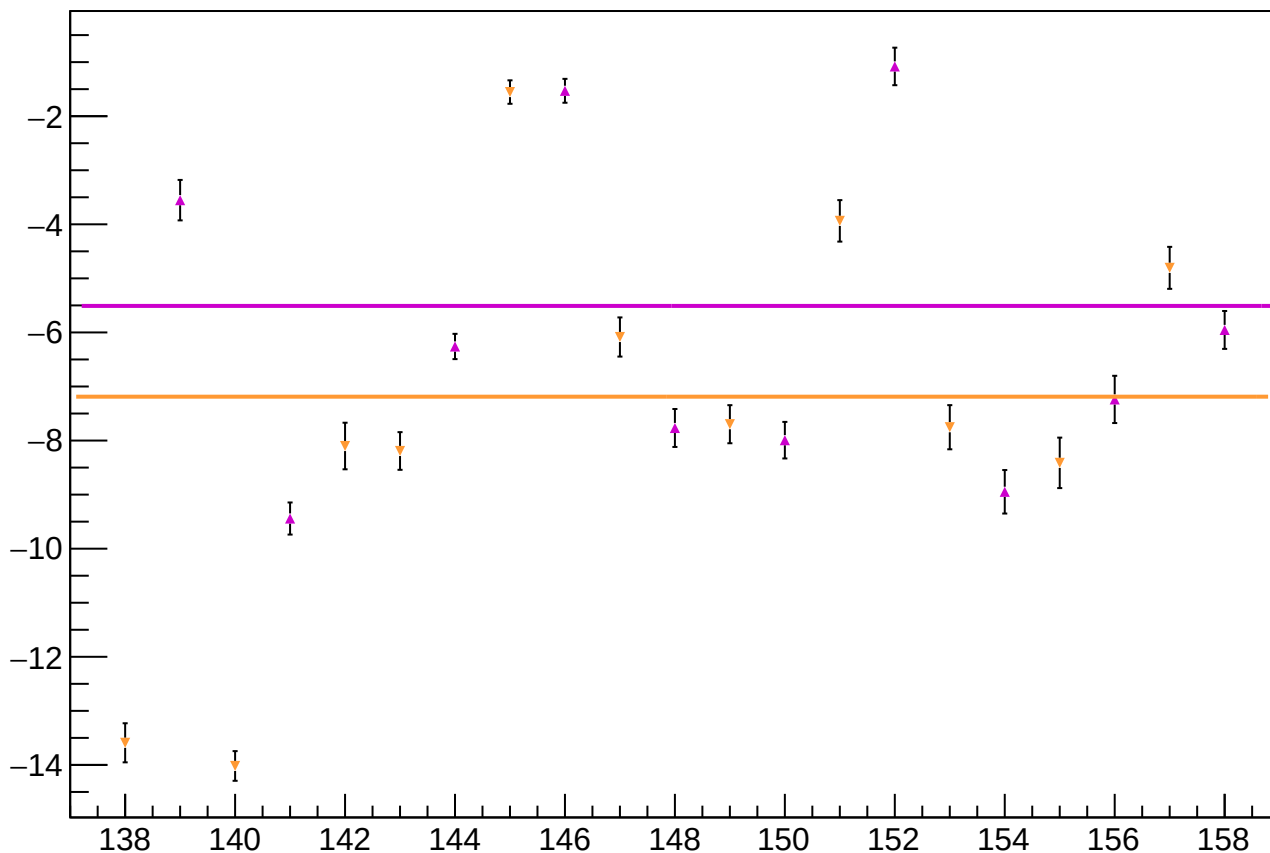
Left In: 0.070 $\pm$ 0.011 χ^2 /NDF:326.7/9

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

All: 0.088 $\pm$ 0.008 χ^2 /NDF: 644.4/20

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

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.188+/-0.102 χ^2/NDF :1748.9/10

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

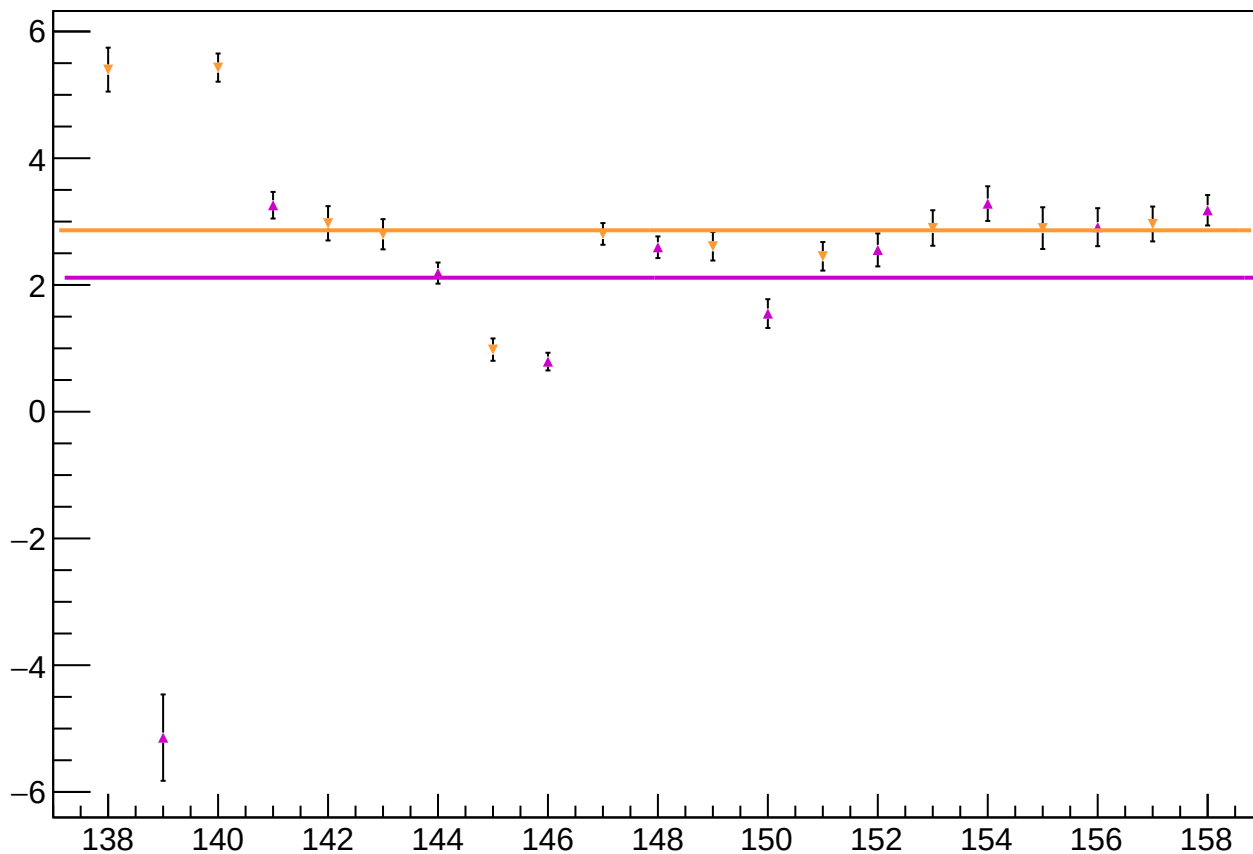
Left In: -5.509+/-0.099 χ^2/NDF :886.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.321+/-0.071 χ^2/NDF : 2774.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

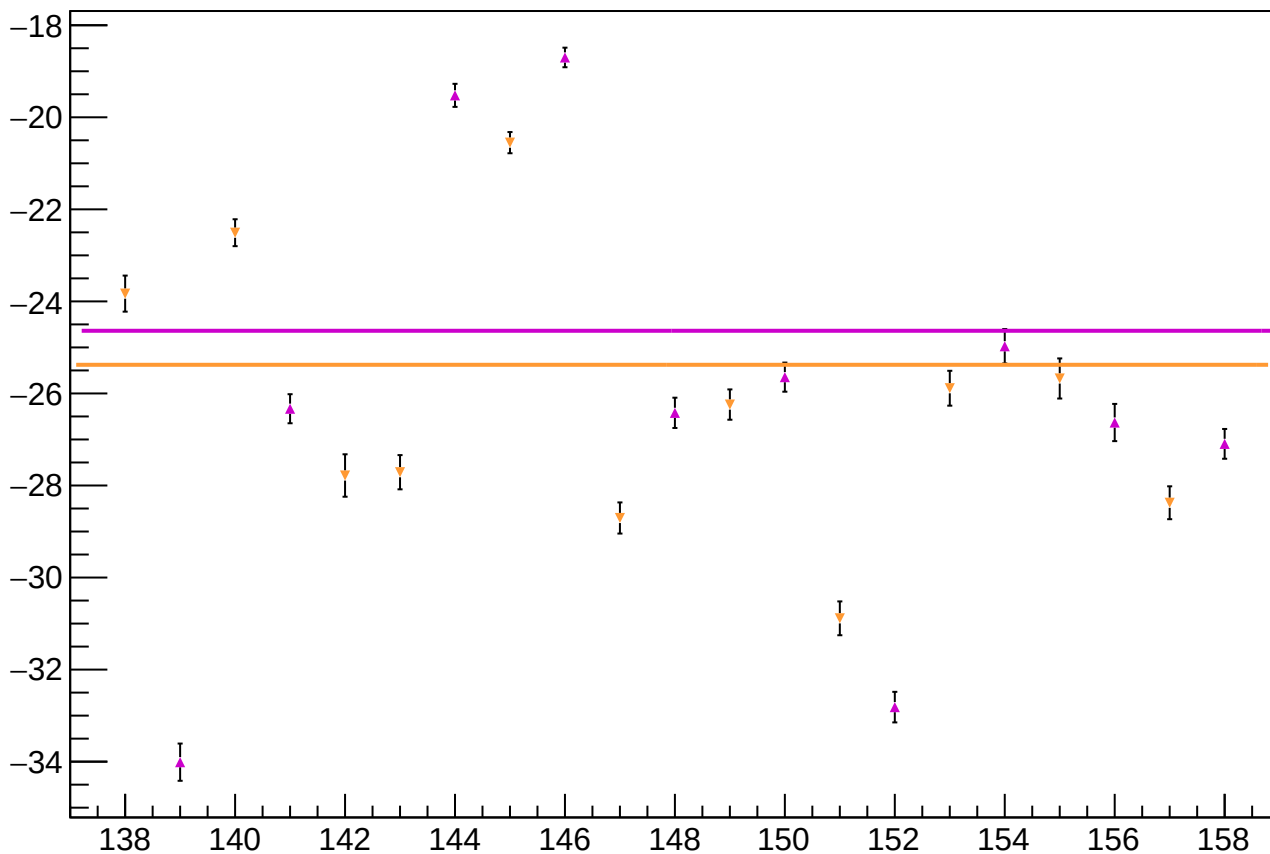
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.863 $\pm$ 0.071 χ^2 /NDF:306.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.114 $\pm$ 0.067 χ^2 /NDF:295.3/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.469 $\pm$ 0.049 χ^2 /NDF: 660.3/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.377+/-0.103 χ^2/NDF : 1018.5/10

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

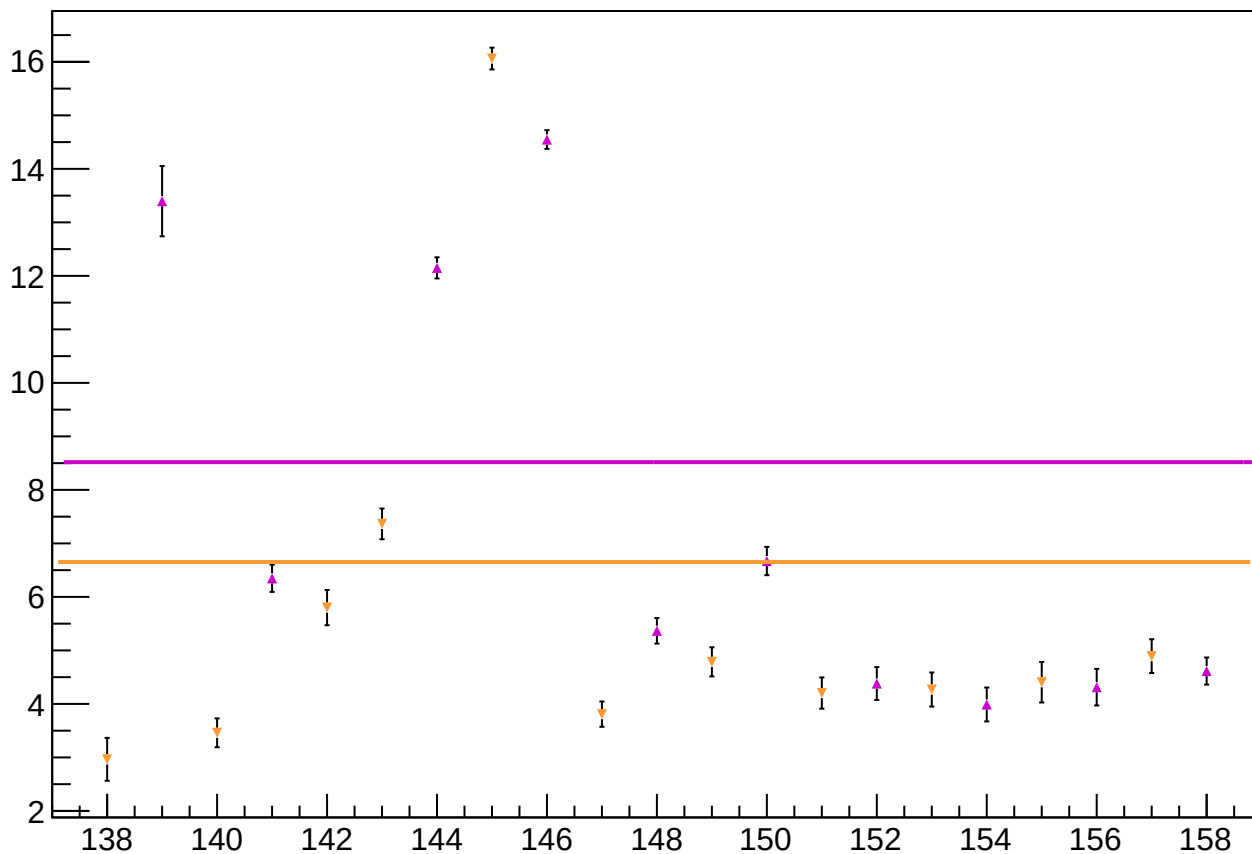
Left In: -24.638+/-0.097 χ^2/NDF : 2491.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.988+/-0.071 χ^2/NDF : 3537.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 6.653+/-0.086 χ^2/NDF : 2766.3/10

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

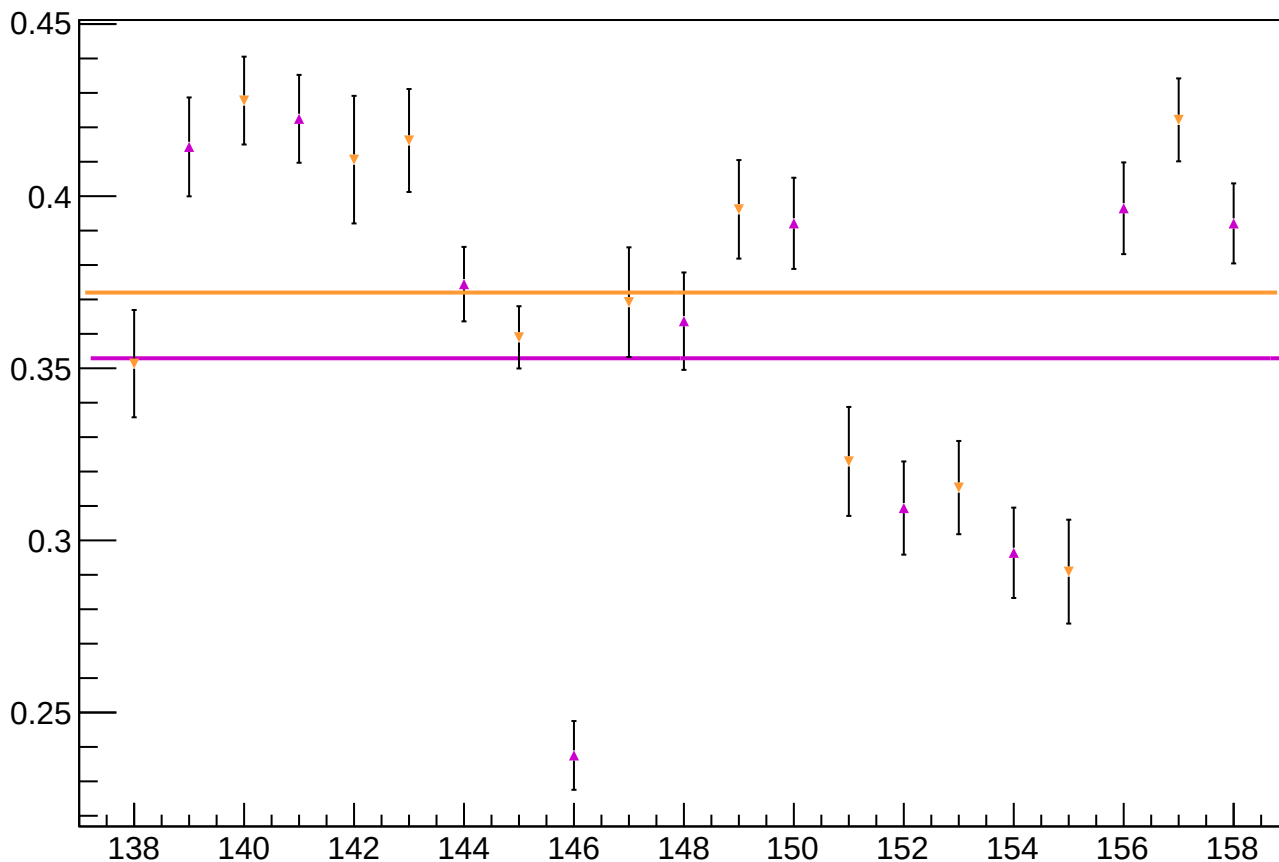
Left In: 8.519+/-0.081 χ^2/NDF : 2652.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.641+/-0.059 χ^2/NDF : 5668.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

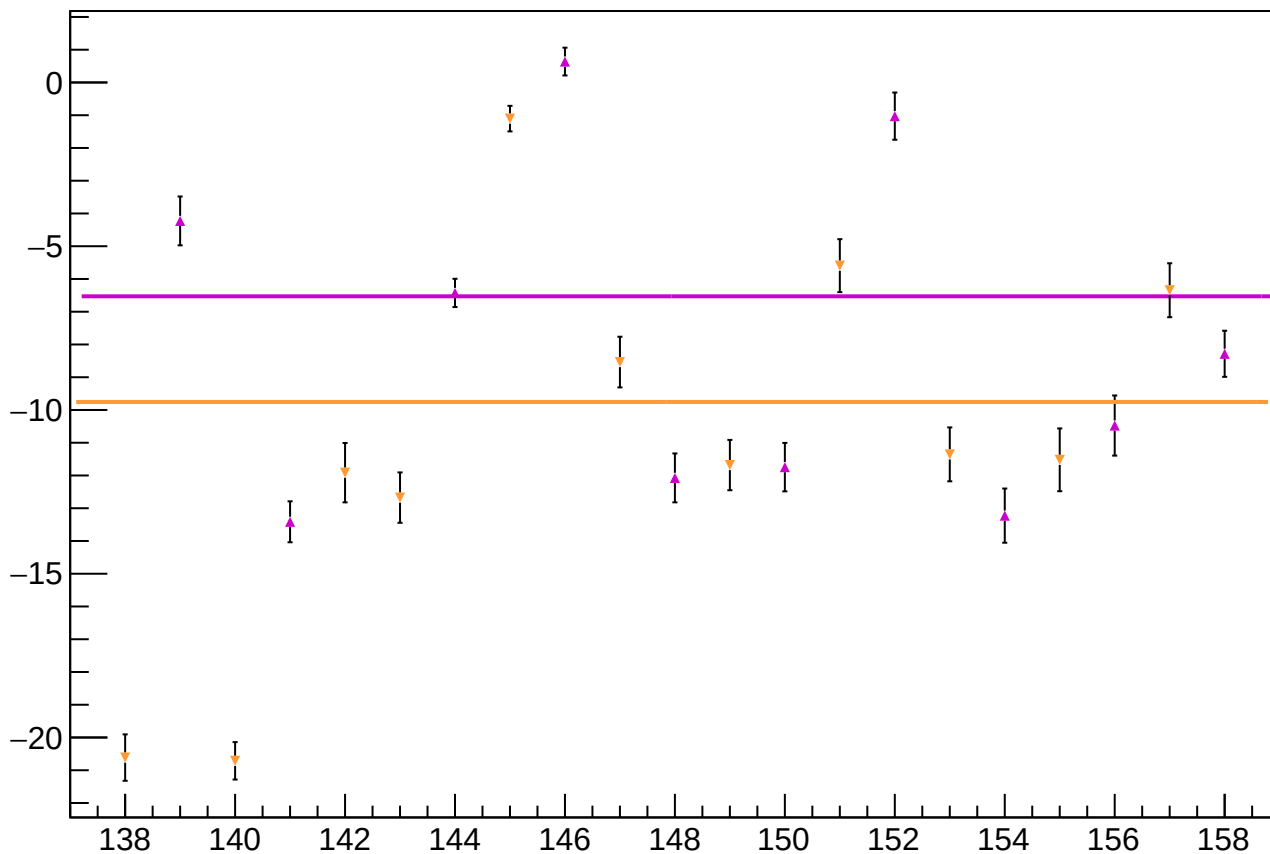
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:112.2/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.353 $\pm$ 0.004 χ^2 /NDF:245.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.362 $\pm$ 0.003 χ^2 /NDF: 369.1/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.755 $\pm$ 0.206 χ^2 /NDF: 1174.1/10

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

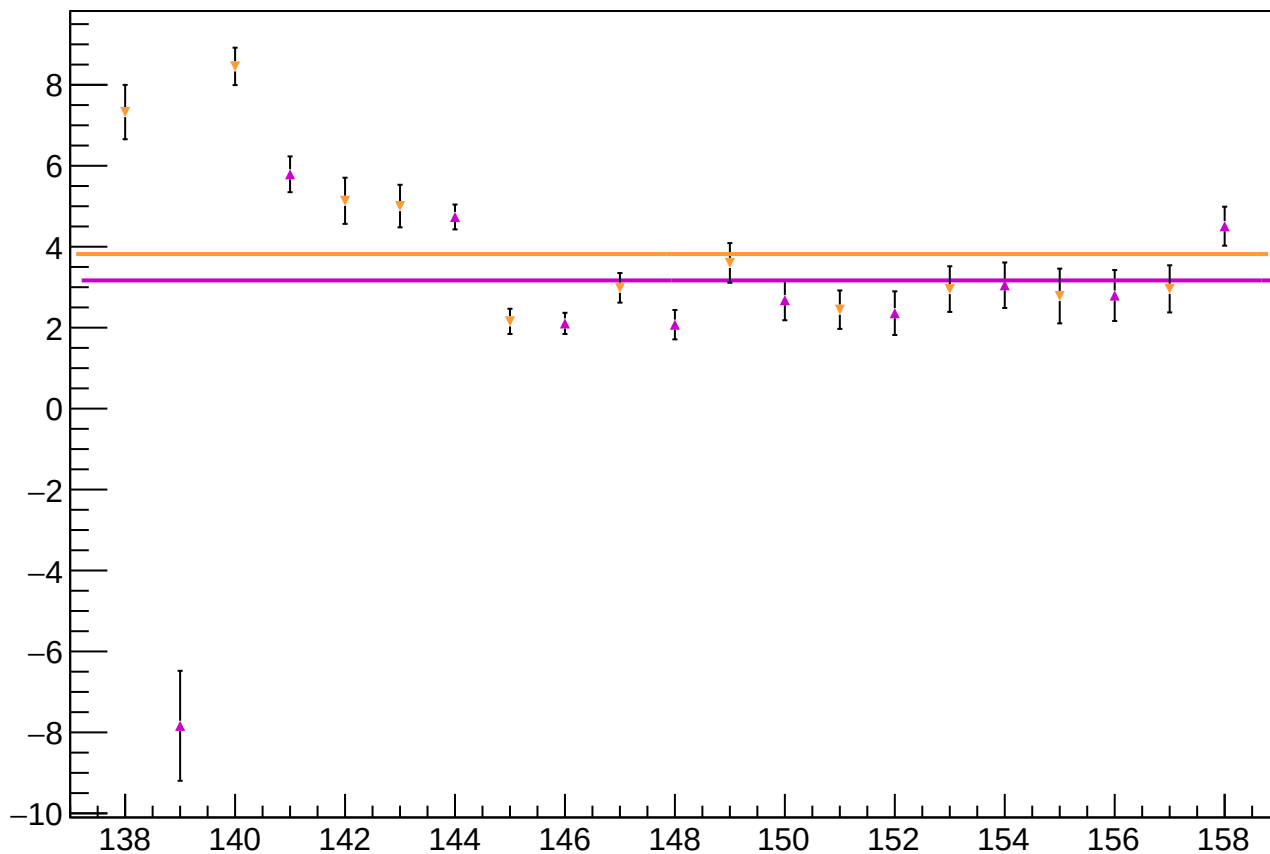
Left In: -6.530 $\pm$ 0.198 χ^2 /NDF: 669.7/9

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

All: -8.075 $\pm$ 0.143 χ^2 /NDF: 1971.0/20

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

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 3.818+/-0.144 χ^2/NDF :187.3/10

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

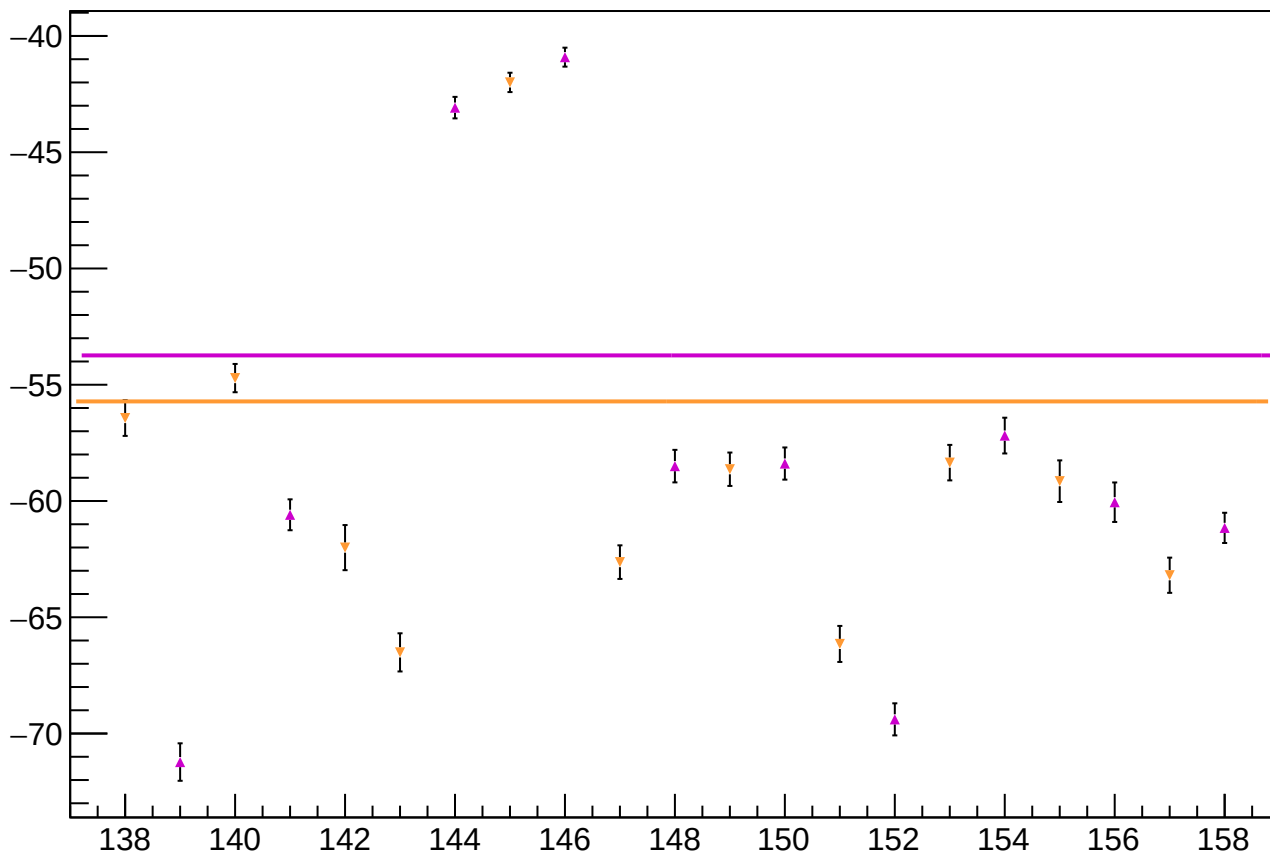
Left In: 3.167+/-0.134 χ^2/NDF :163.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.469+/-0.098 χ^2/NDF : 362.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -55.717+/-0.209 χ^2/NDF : 1720.0/10

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

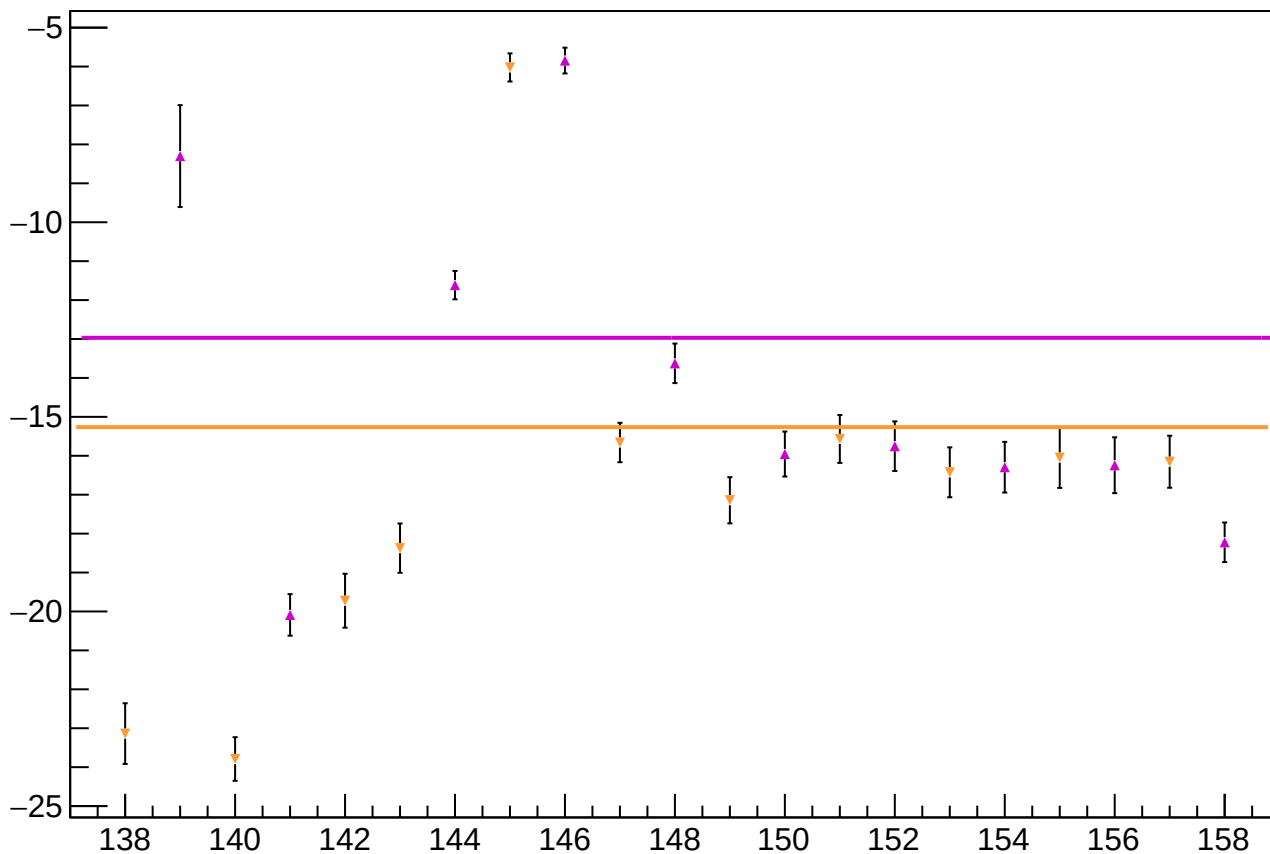
Left In: -53.738+/-0.195 χ^2/NDF : 2909.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.663+/-0.143 χ^2/NDF : 4677.7/20

- 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: -15.264+/-0.175 χ^2/NDF :1072.1/10

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

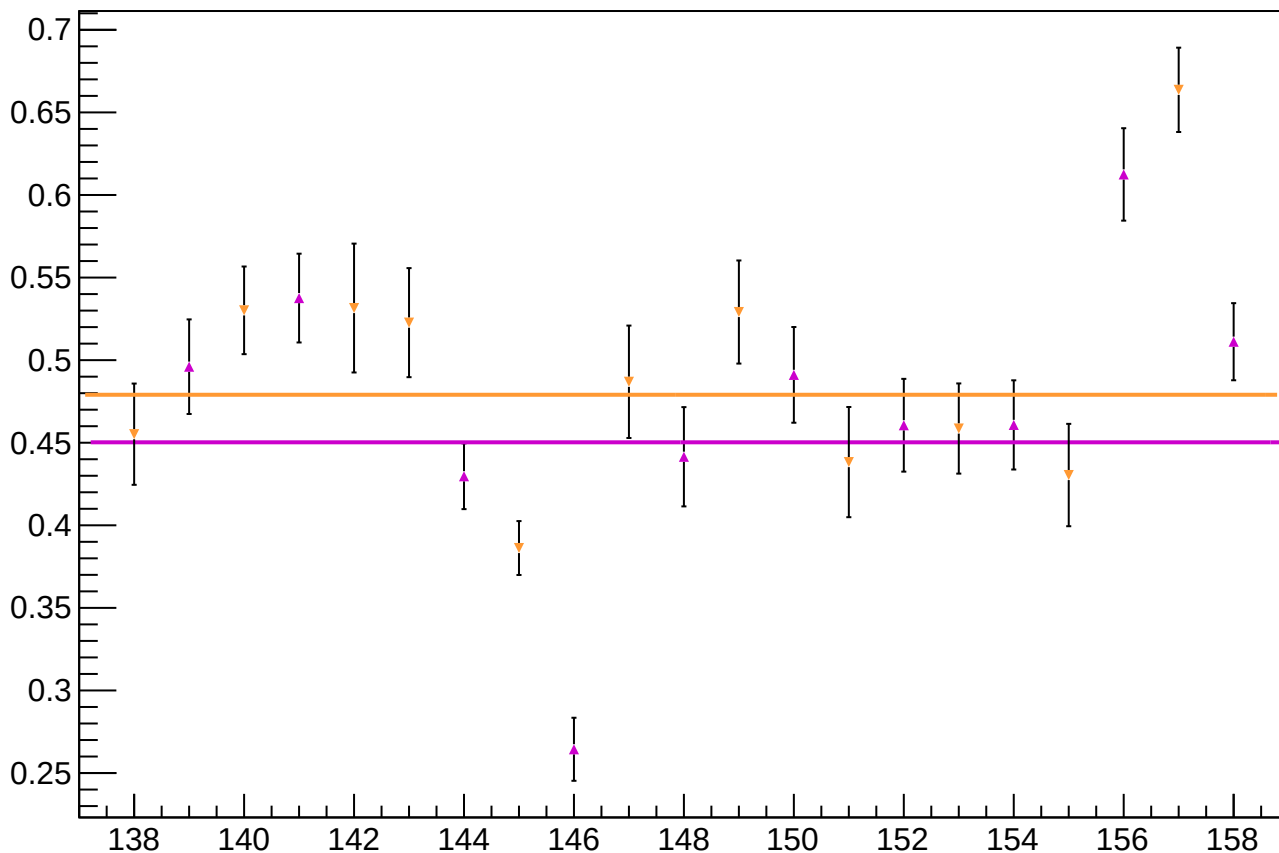
Left In: -12.969+/-0.162 χ^2/NDF :868.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.029+/-0.119 χ^2/NDF : 2033.3/20

- 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: 0.479 $\pm$ 0.008 χ^2 /NDF:99.7/10

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

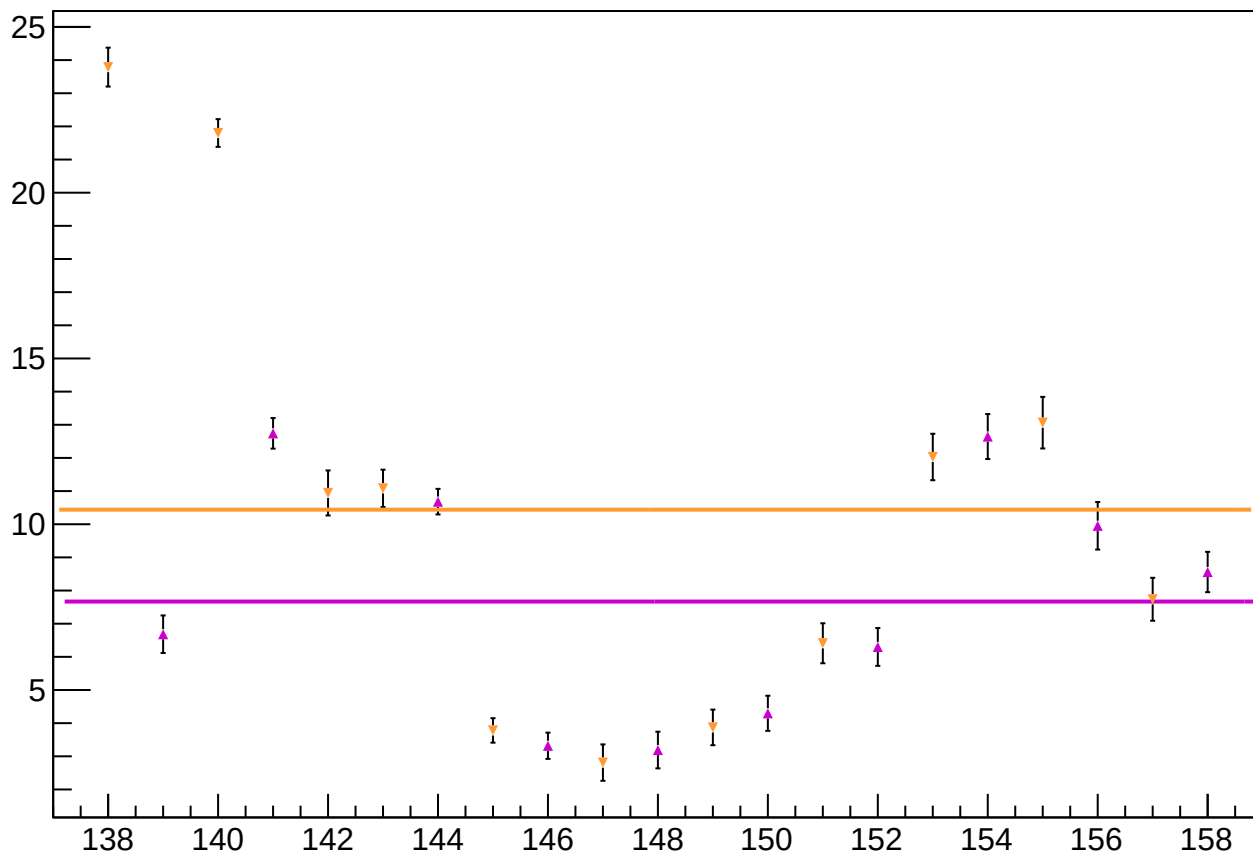
Left In: 0.450 $\pm$ 0.008 χ^2 /NDF:151.8/9

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

All: 0.464 $\pm$ 0.006 χ^2 /NDF: 257.7/20

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

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.439+/-0.165 χ^2/NDF :2003.4/10

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

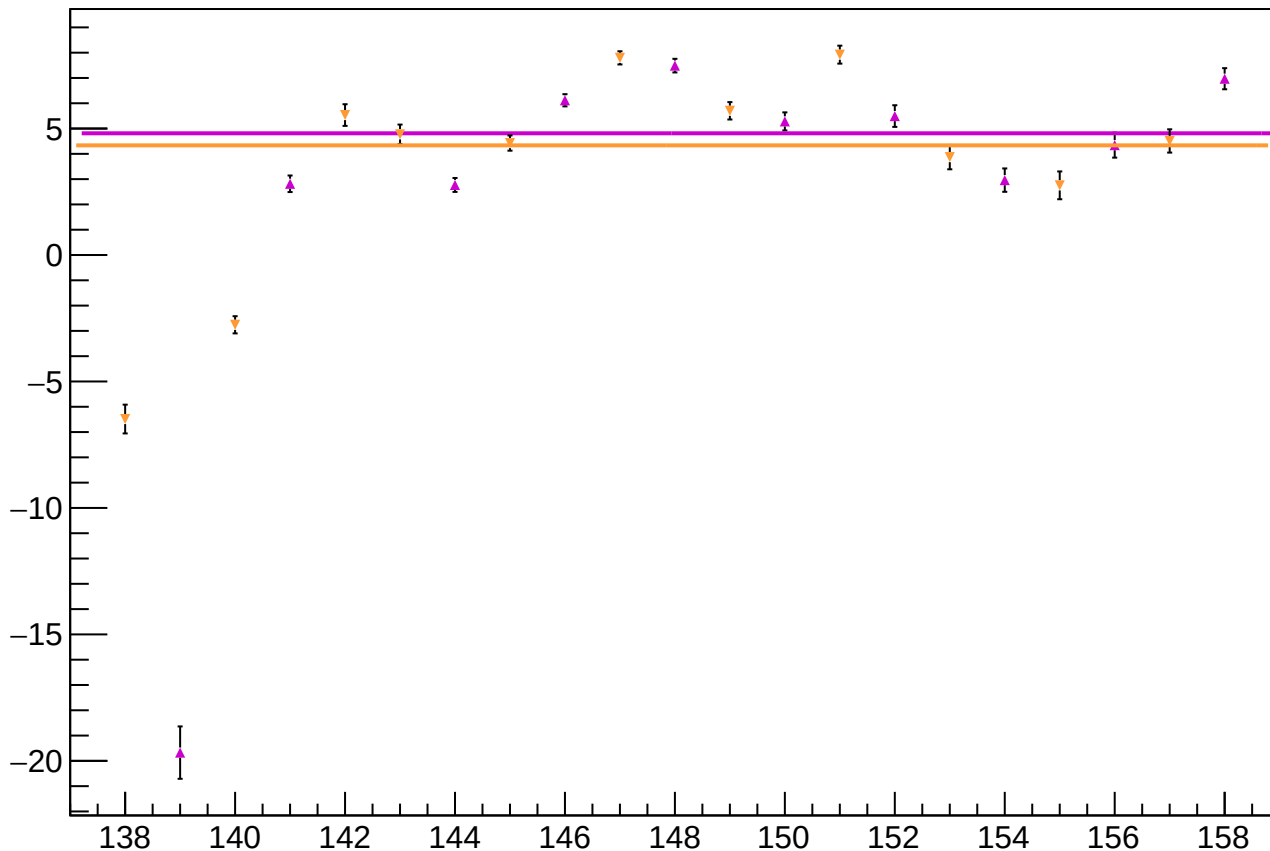
Left In: 7.668+/-0.163 χ^2/NDF :483.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.040+/-0.116 χ^2/NDF : 2630.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 4.336+/-0.113 χ^2/NDF :1110.4/10

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

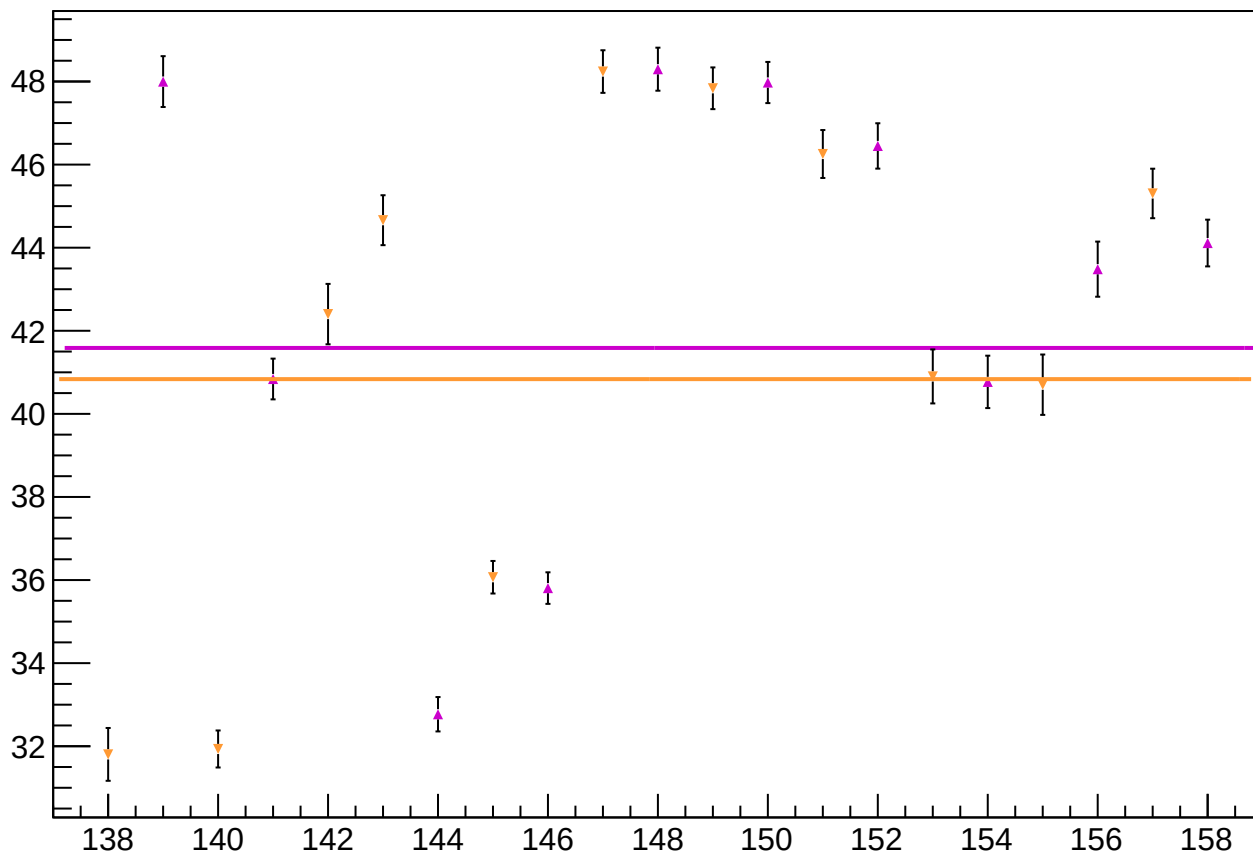
Left In: 4.812+/-0.110 χ^2/NDF :827.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.580+/-0.079 χ^2/NDF : 1947.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 40.836+/-0.165 χ^2/NDF :1342.0/10

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

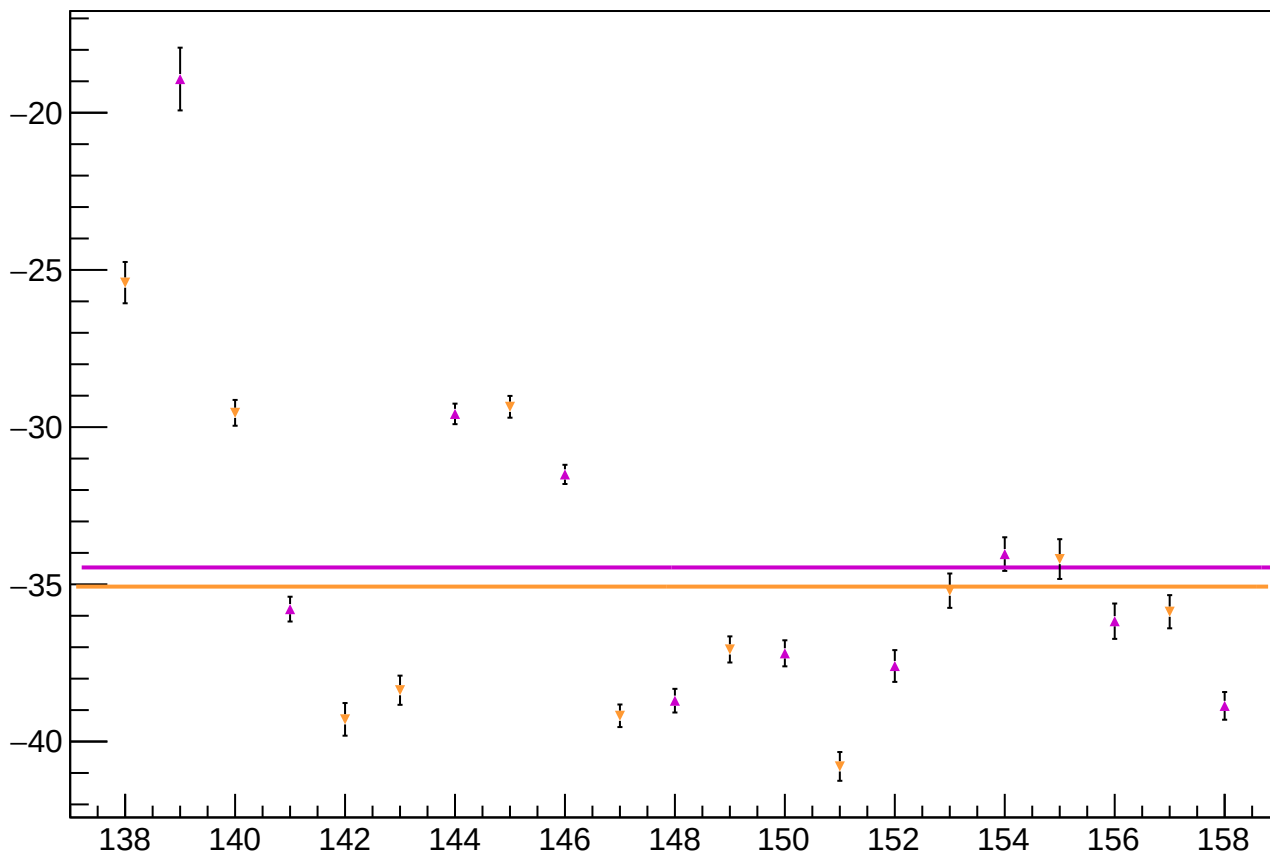
Left In: 41.587+/-0.161 χ^2/NDF :1241.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.222+/-0.115 χ^2/NDF : 2593.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -35.072+/-0.138 χ^2/NDF : 1101.2/10

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

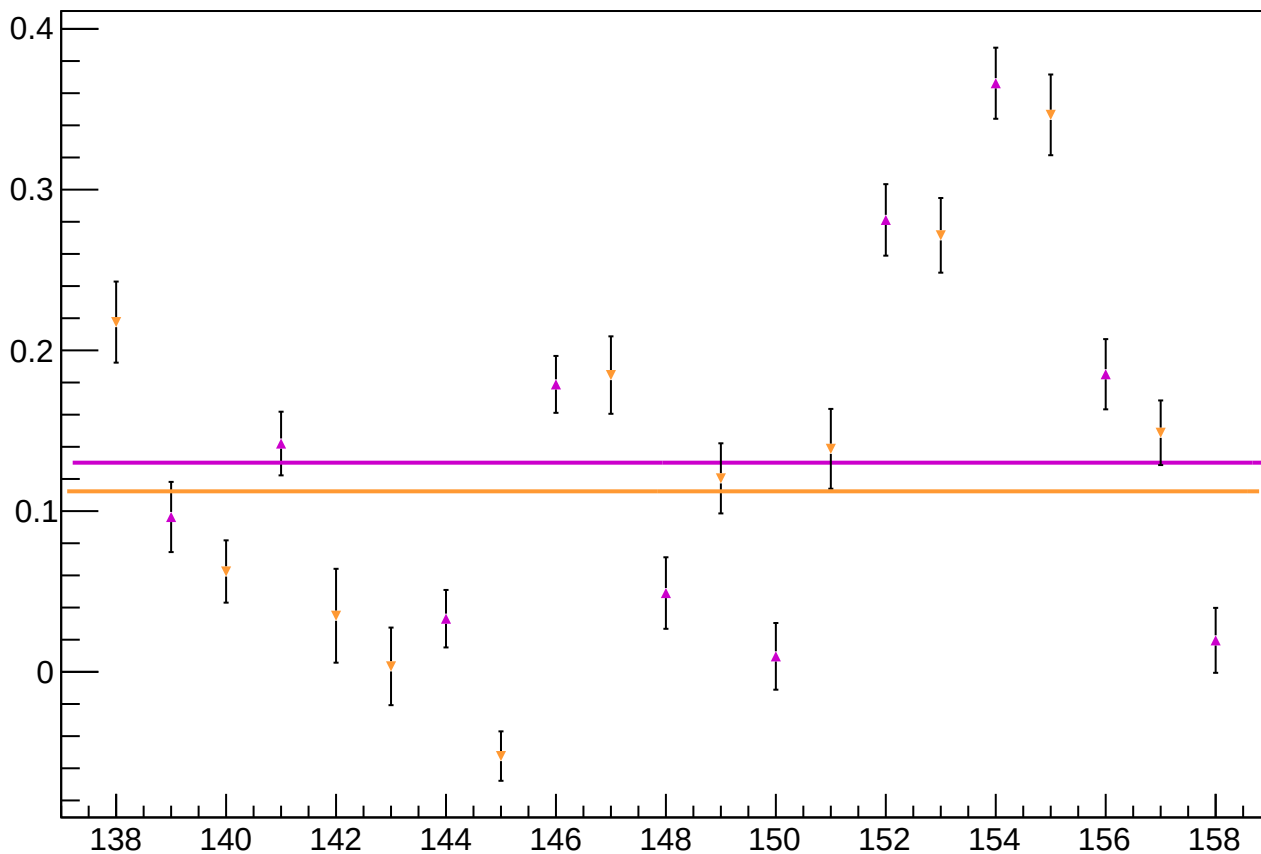
Left In: -34.463+/-0.133 χ^2/NDF : 890.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.758+/-0.096 χ^2/NDF : 2001.4/20

- 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: 0.112 $\pm$ 0.007 χ^2 /NDF:313.7/10

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

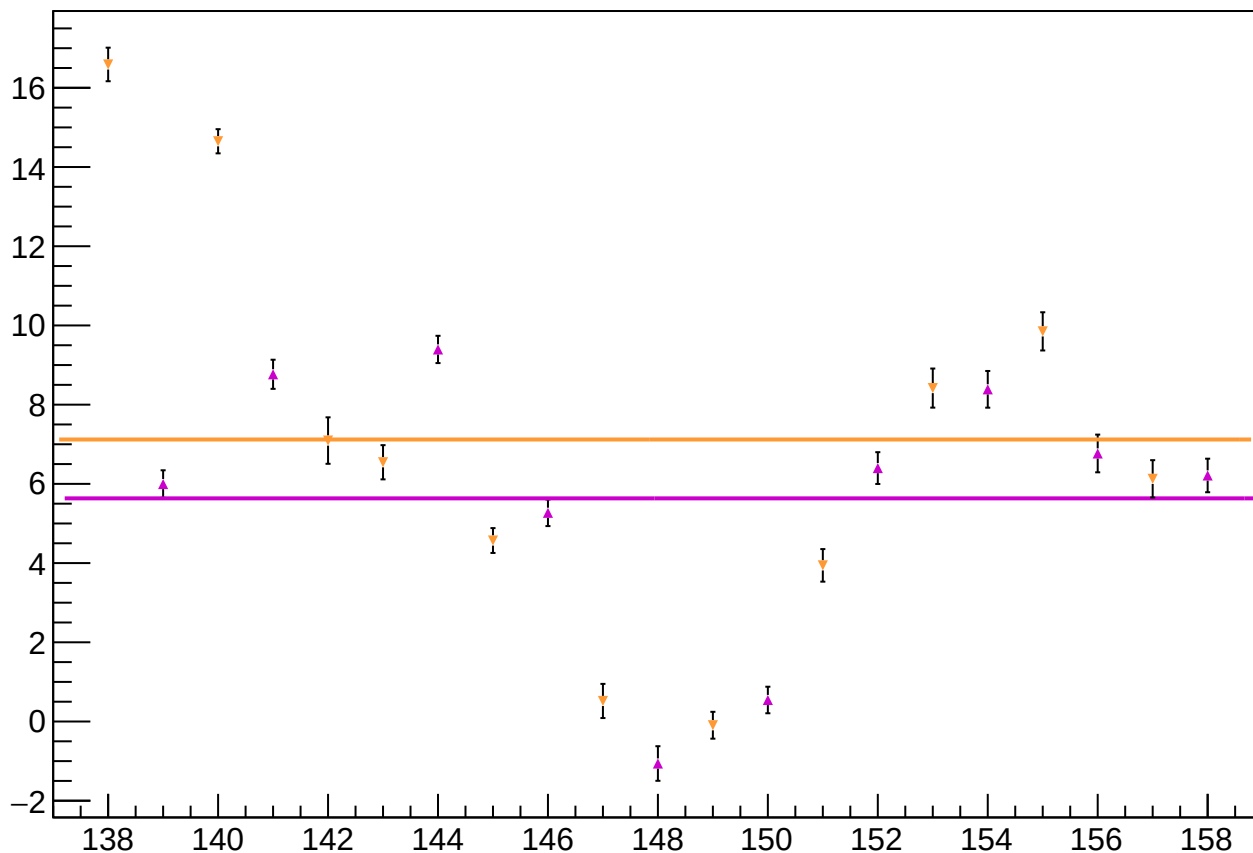
Left In: 0.130 $\pm$ 0.006 χ^2 /NDF:283.1/9

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

All: 0.121 $\pm$ 0.005 χ^2 /NDF: 600.5/20

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

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 7.121+/-0.122 χ^2/NDF :1966.0/10

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

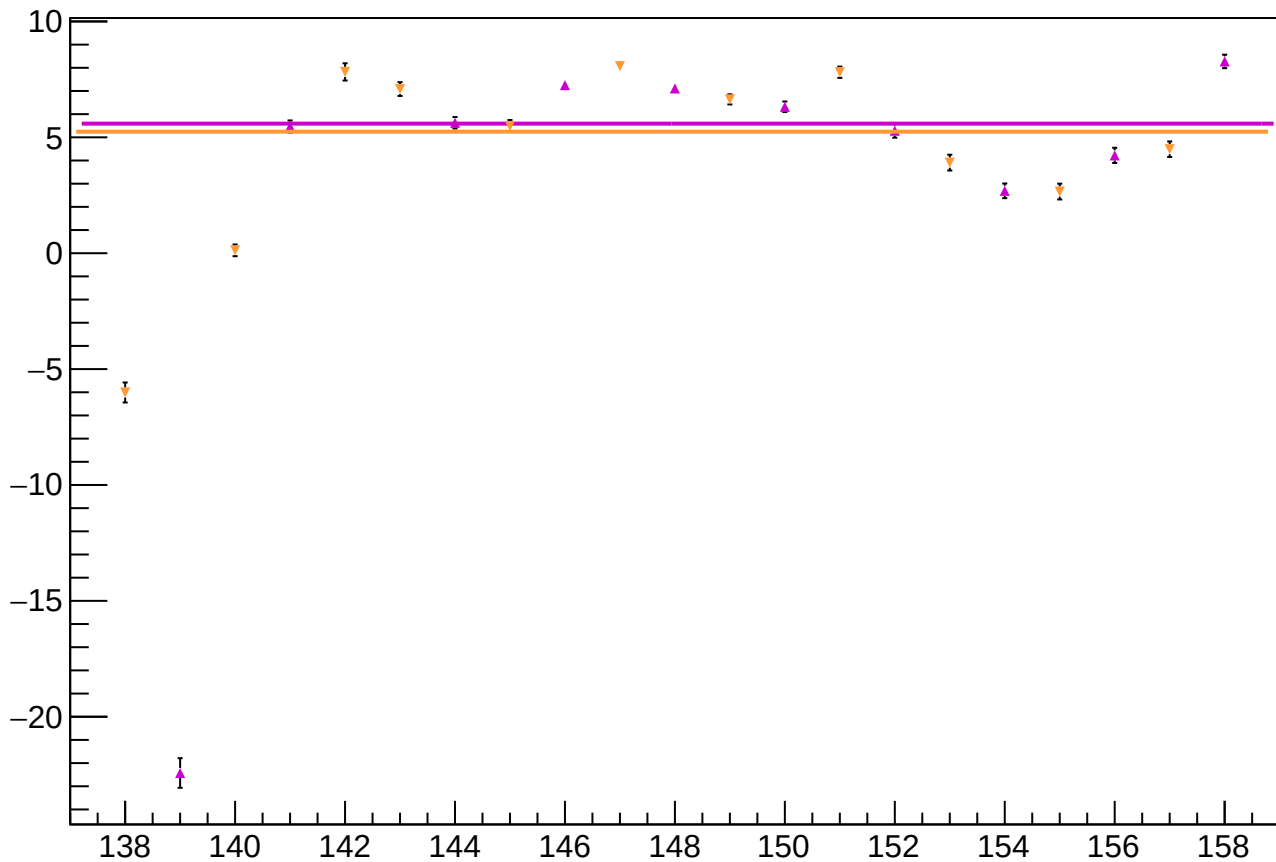
Left In: 5.634+/-0.121 χ^2/NDF :706.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.375+/-0.086 χ^2/NDF : 2747.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.244 $\pm$ 0.084 χ^2 /NDF:1592.4/10

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

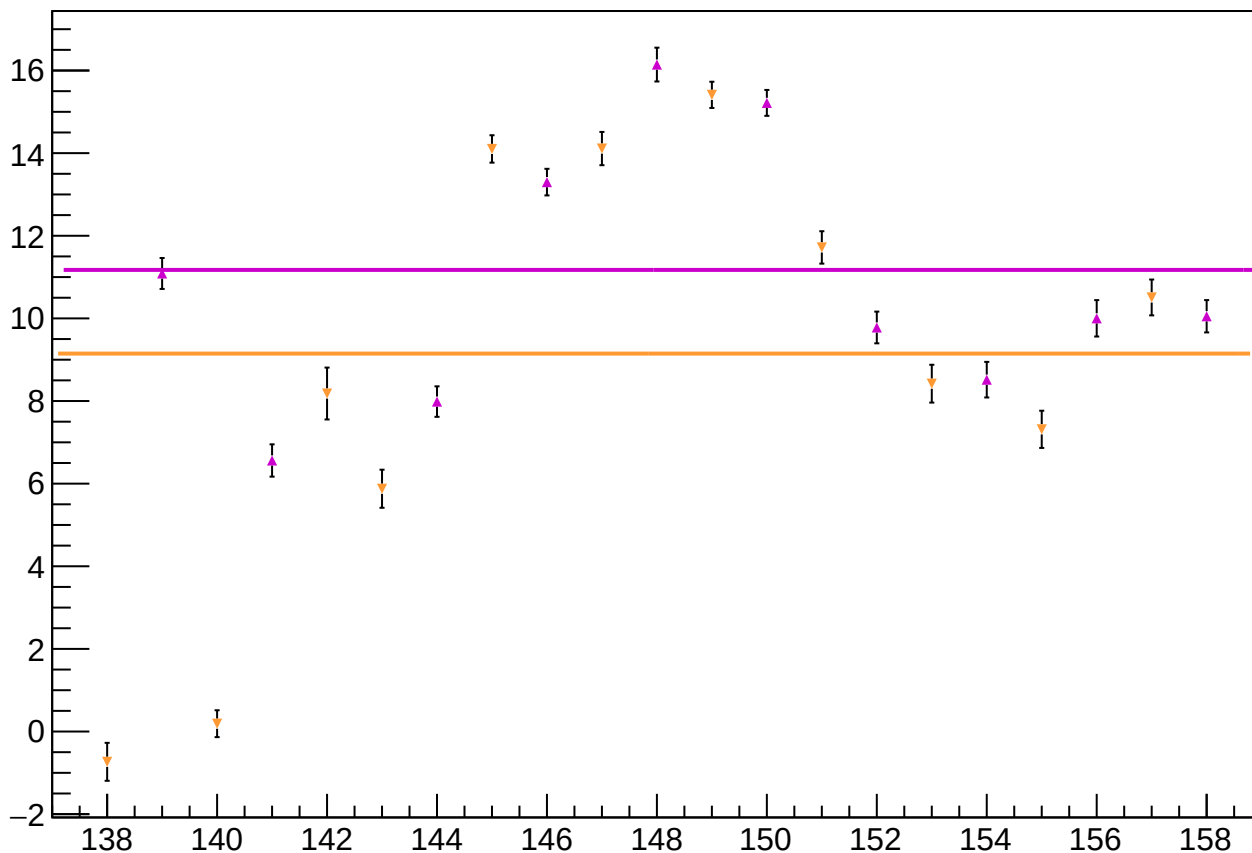
Left In: 5.592 $\pm$ 0.085 χ^2 /NDF:2230.5/9

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

All: 5.415 $\pm$ 0.060 χ^2 /NDF: 3831.4/20

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

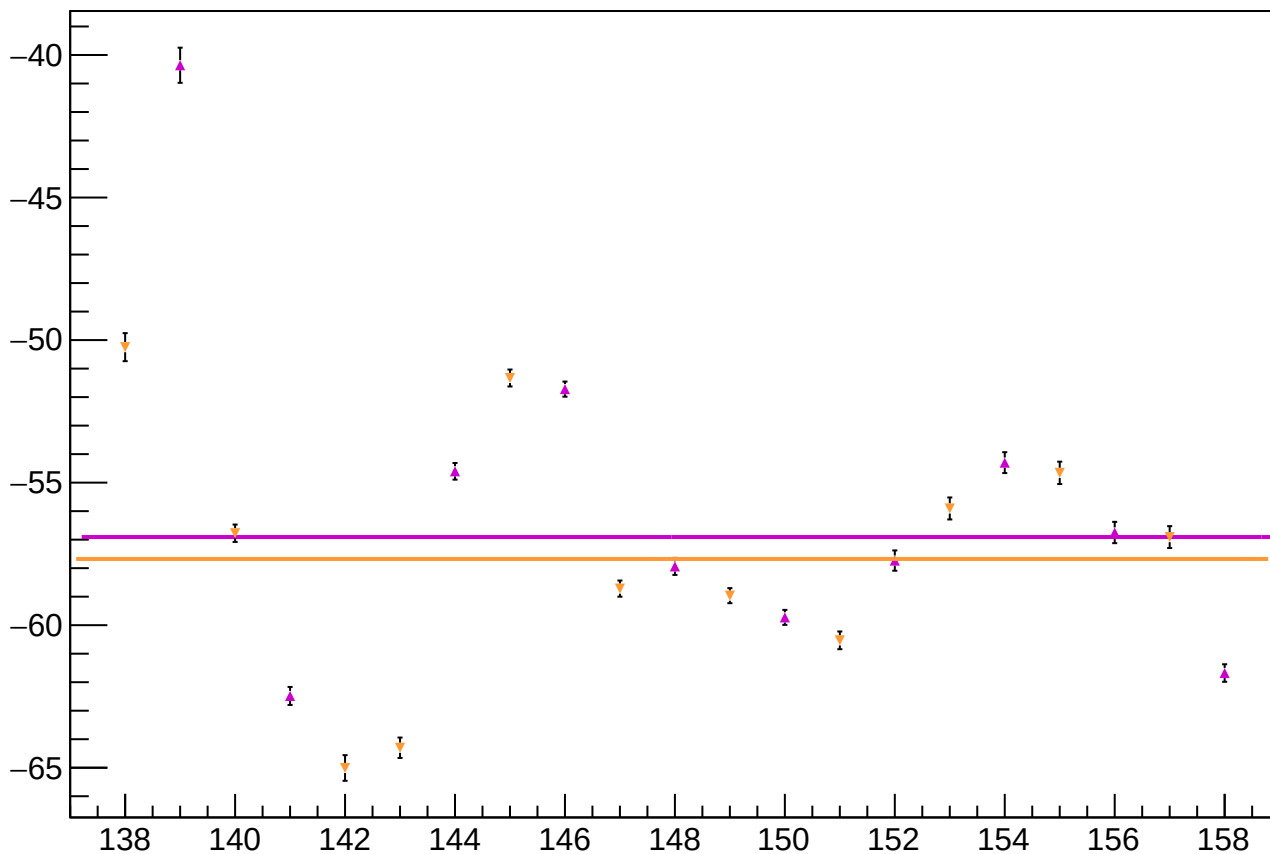
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.148 $\pm$ 0.121 χ^2 /NDF:2110.7/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 10.179 $\pm$ 0.085 χ^2 /NDF: 2890.5/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.677+/-0.102 χ^2/NDF :1507.7/10

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

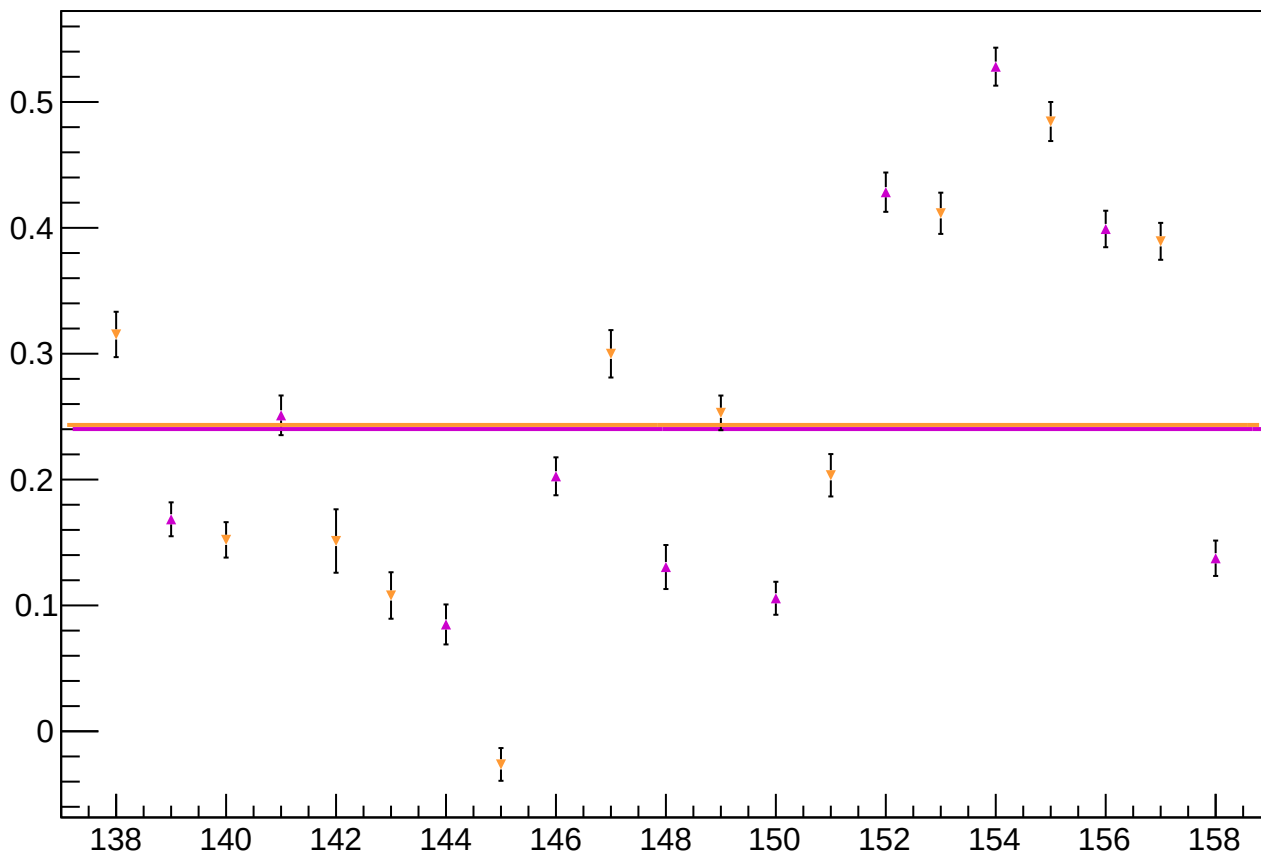
Left In: -56.908+/-0.101 χ^2/NDF :1902.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.290+/-0.072 χ^2/NDF : 3438.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

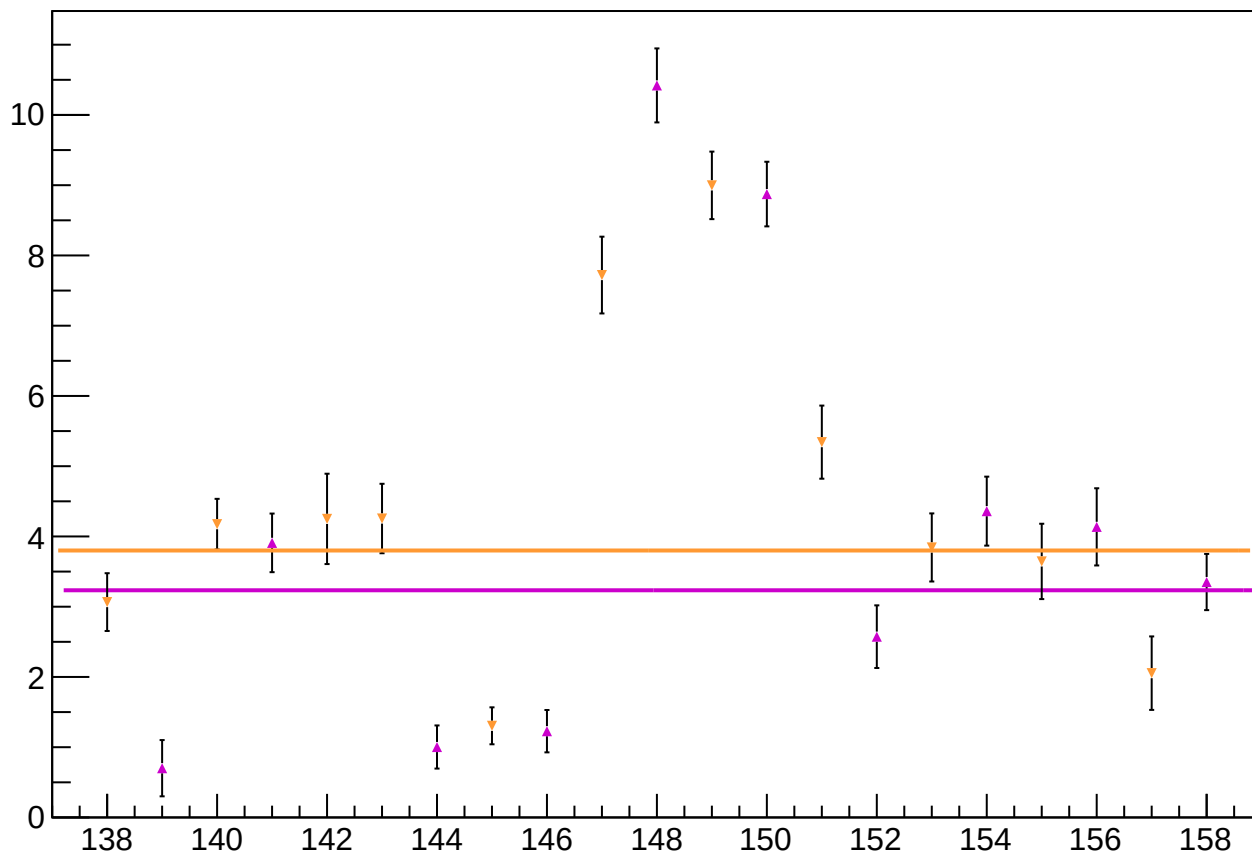
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.243 $\pm$ 0.005 χ^2 /NDF:1015.9/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.240 $\pm$ 0.005 χ^2 /NDF:957.9/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.242 $\pm$ 0.003 χ^2 /NDF: 1974.0/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

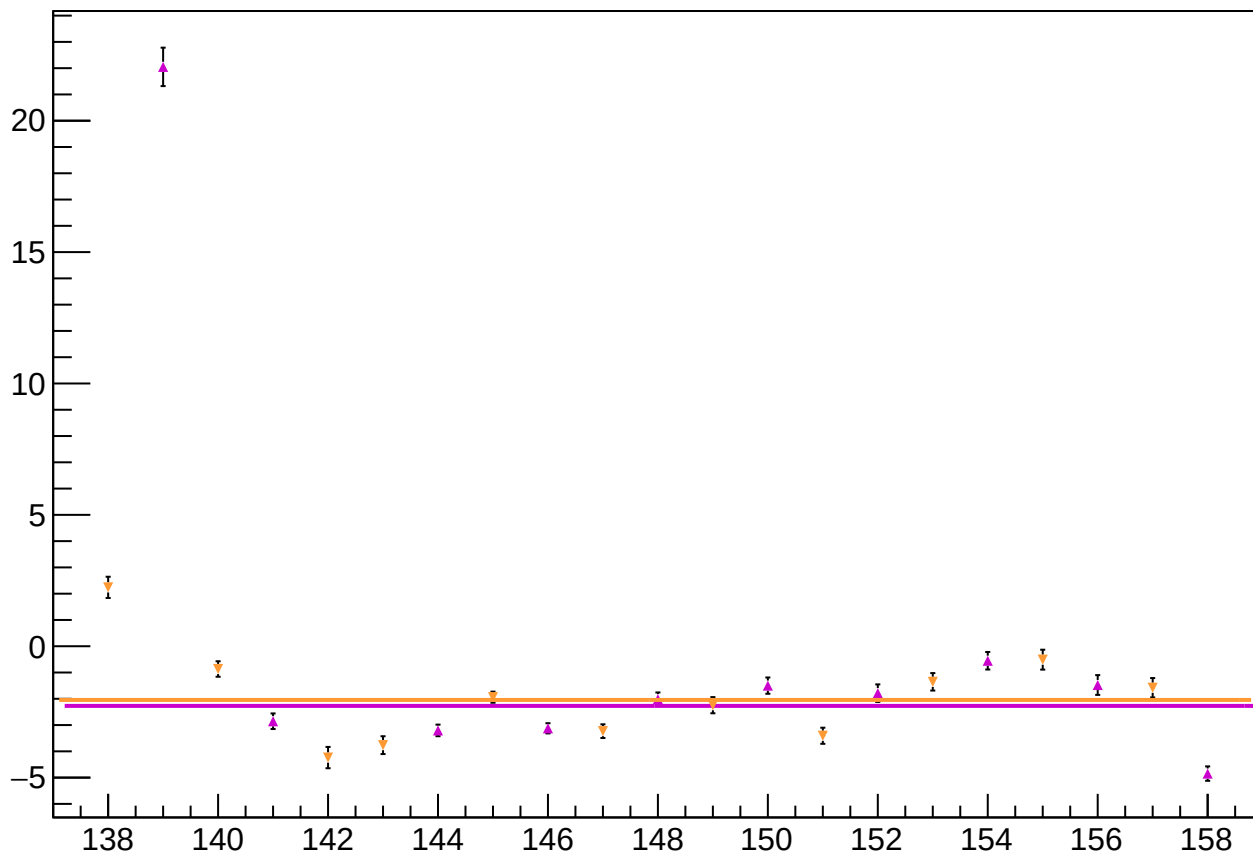
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



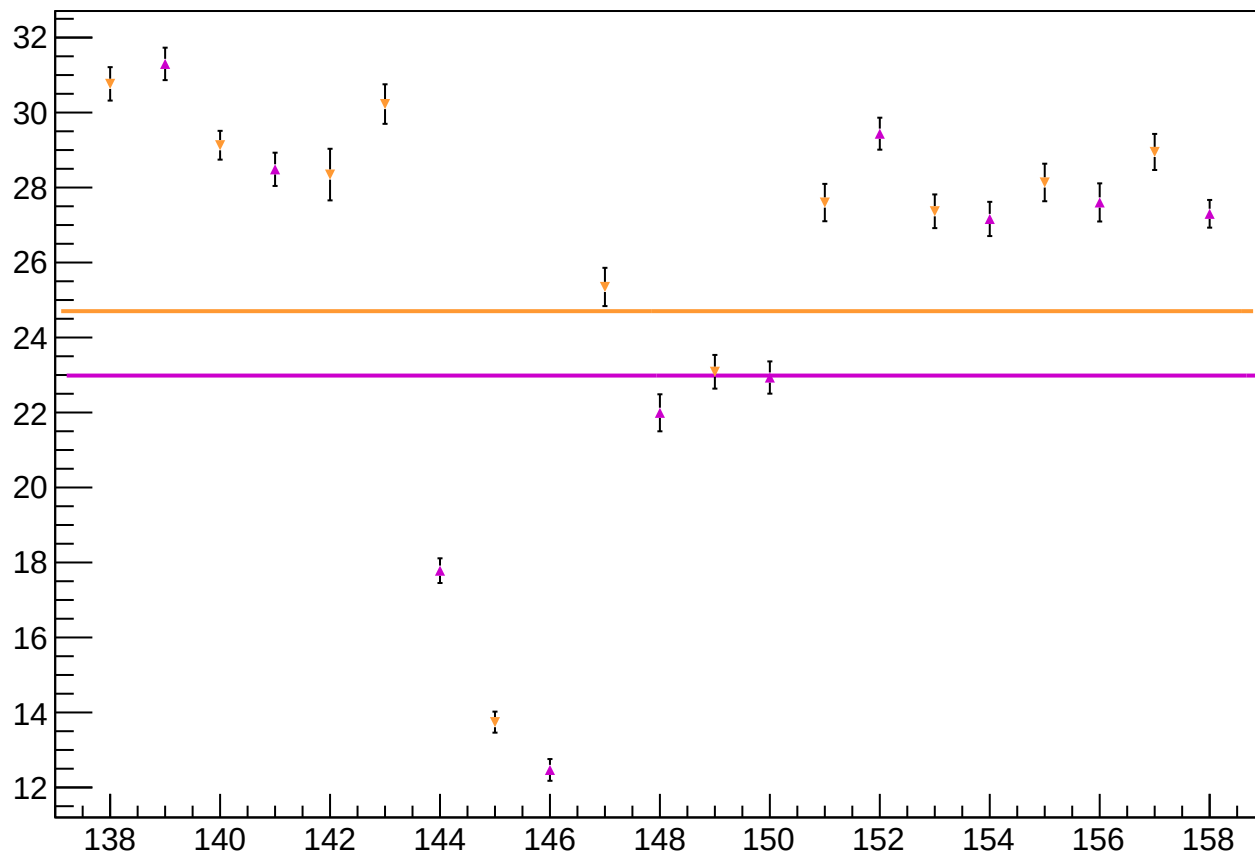
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.800 $\pm$ 0.132 χ^2 /NDF:284.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.234 $\pm$ 0.128 χ^2 /NDF:486.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.509 $\pm$ 0.092 χ^2 /NDF: 780.1/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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: 24.703+/-0.133 χ^2/NDF : 2192.5/10

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

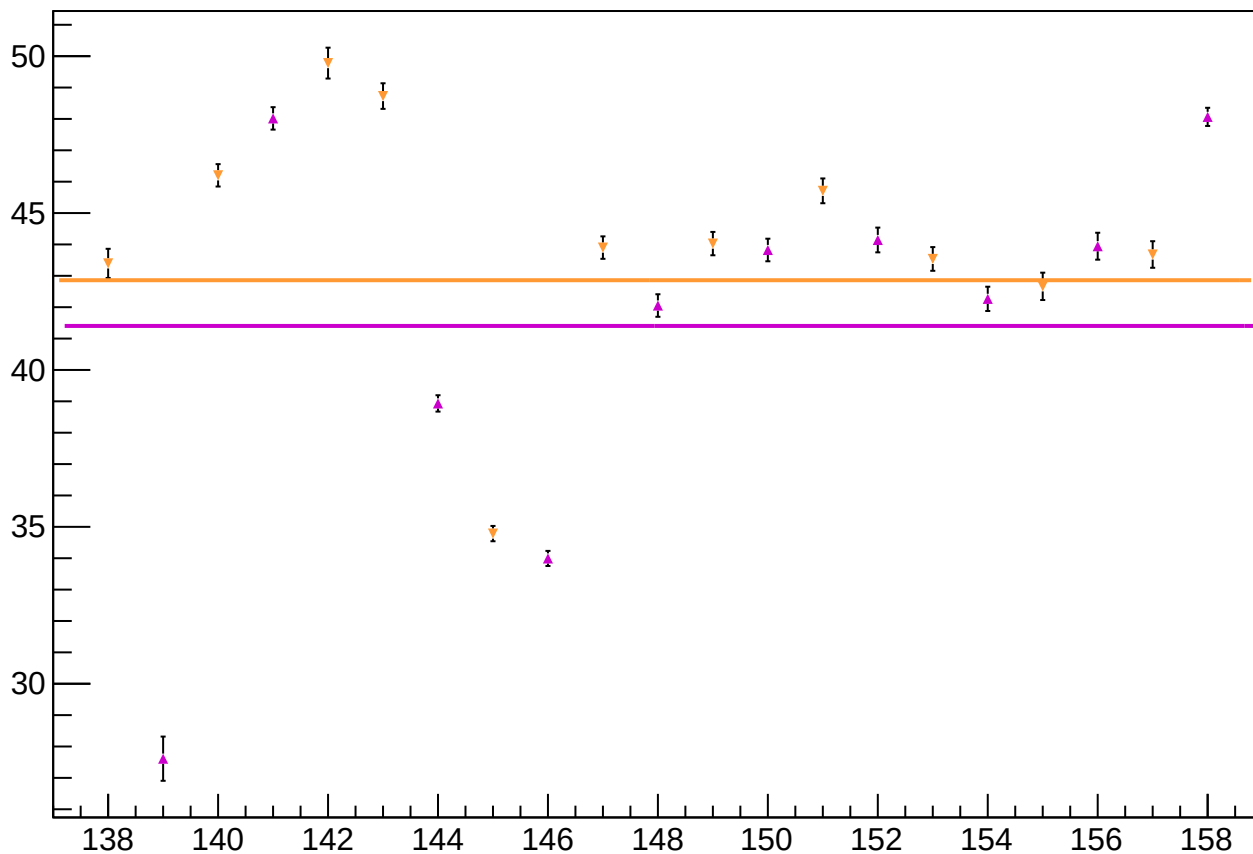
Left In: 22.985+/-0.126 χ^2/NDF : 2622.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.799+/-0.092 χ^2/NDF : 4902.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 42.860+/-0.113 χ^2/NDF :1666.7/10

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

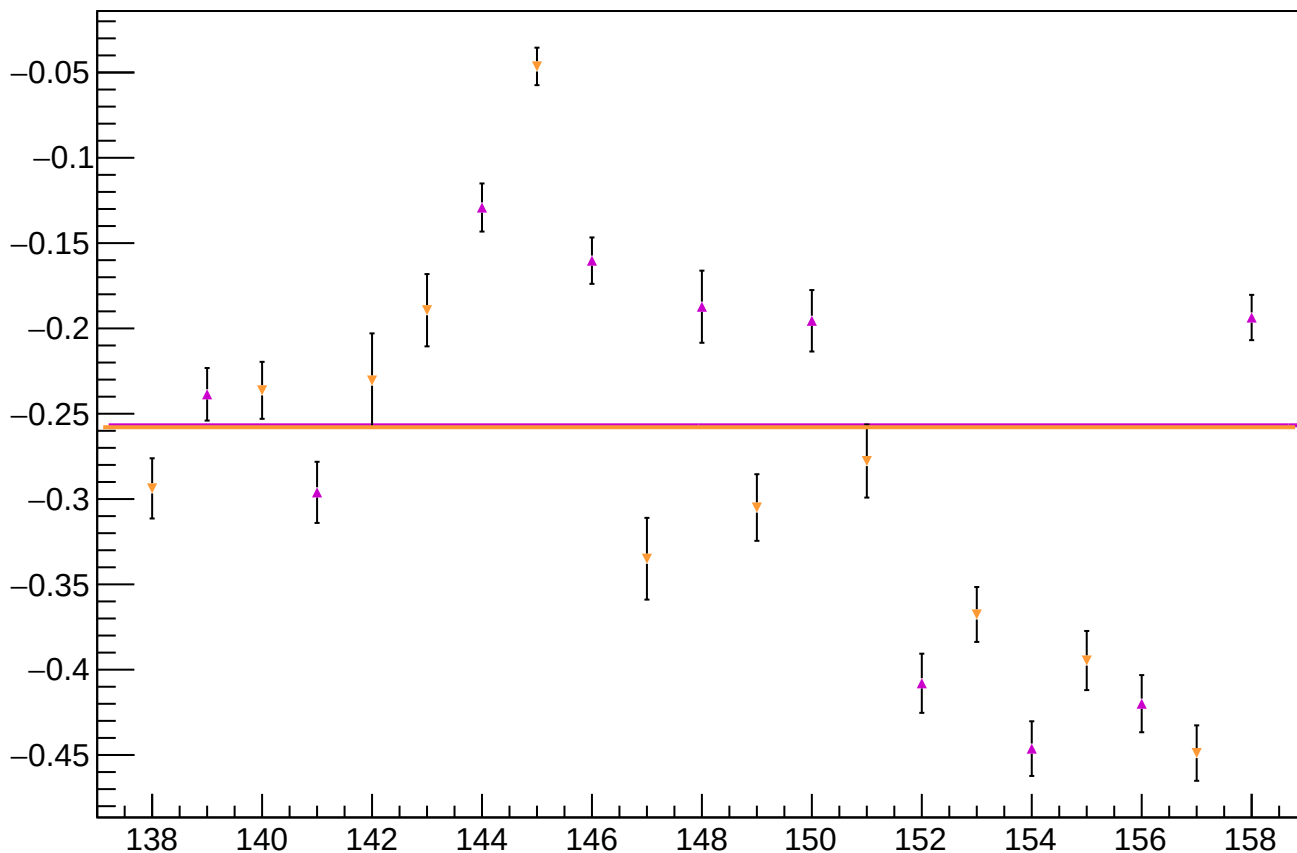
Left In: 41.403+/-0.107 χ^2/NDF :2430.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.092+/-0.077 χ^2/NDF : 4185.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.258+/-0.005 χ^2/NDF : 651.9/10

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

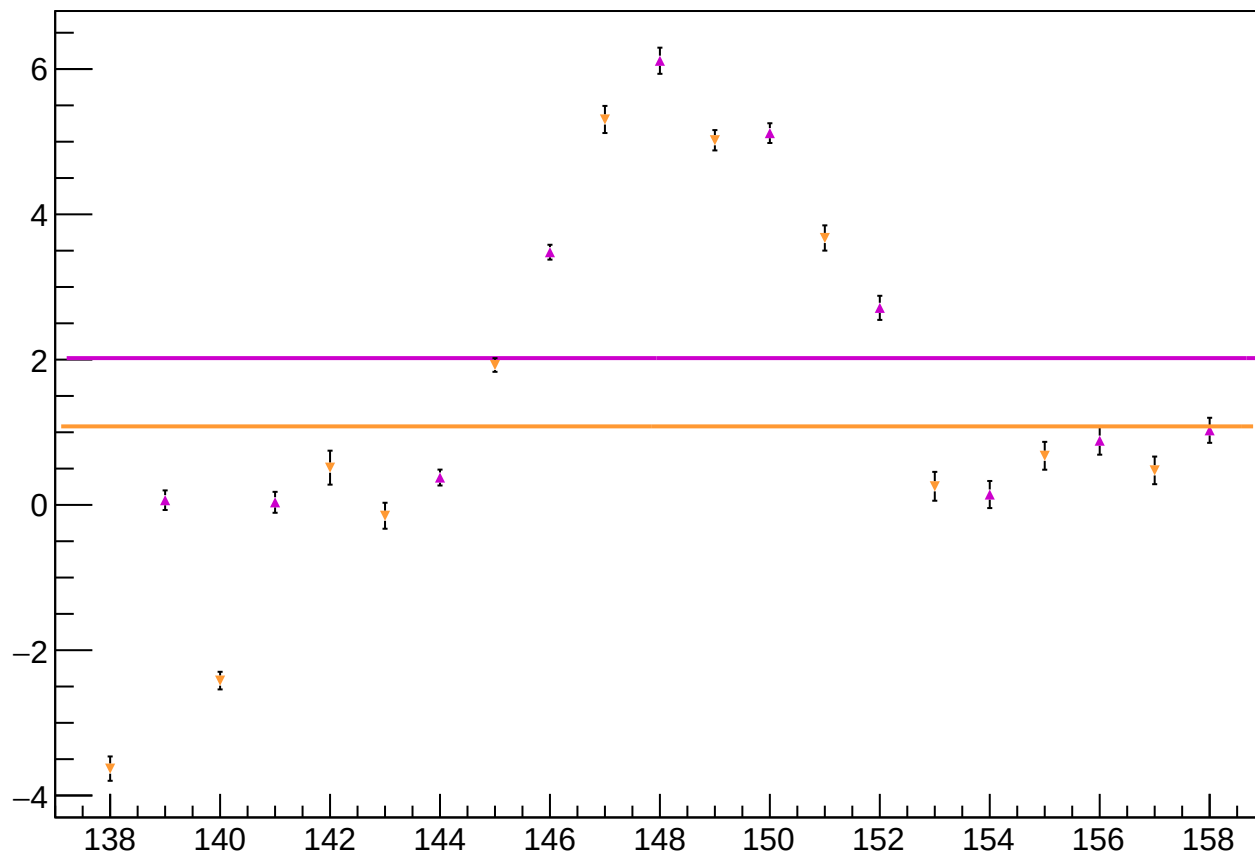
Left In: -0.257+/-0.005 χ^2/NDF : 494.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.257+/-0.004 χ^2/NDF : 1146.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

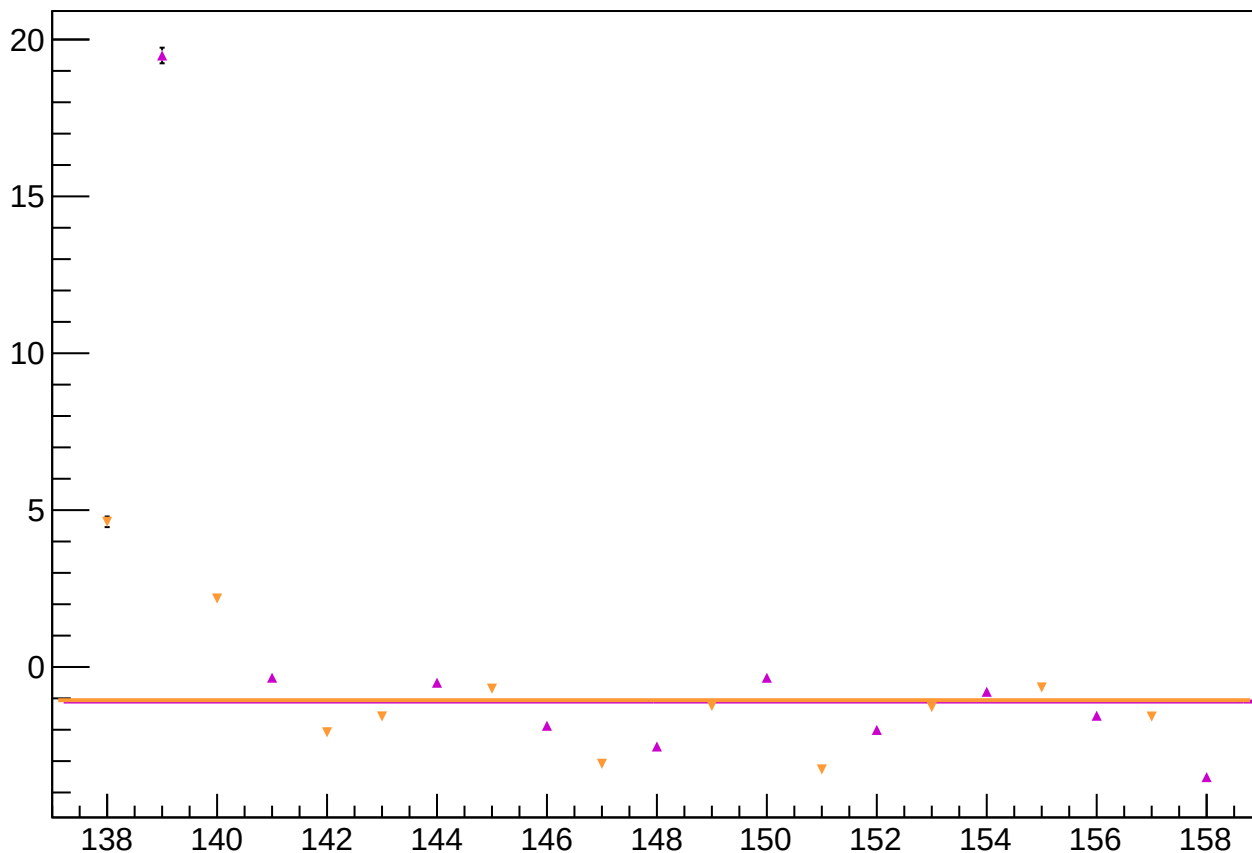
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.081+/-0.047 χ^2/NDF :3319.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.021+/-0.045 χ^2/NDF :2052.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.567+/-0.032 χ^2/NDF : 5581.6/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

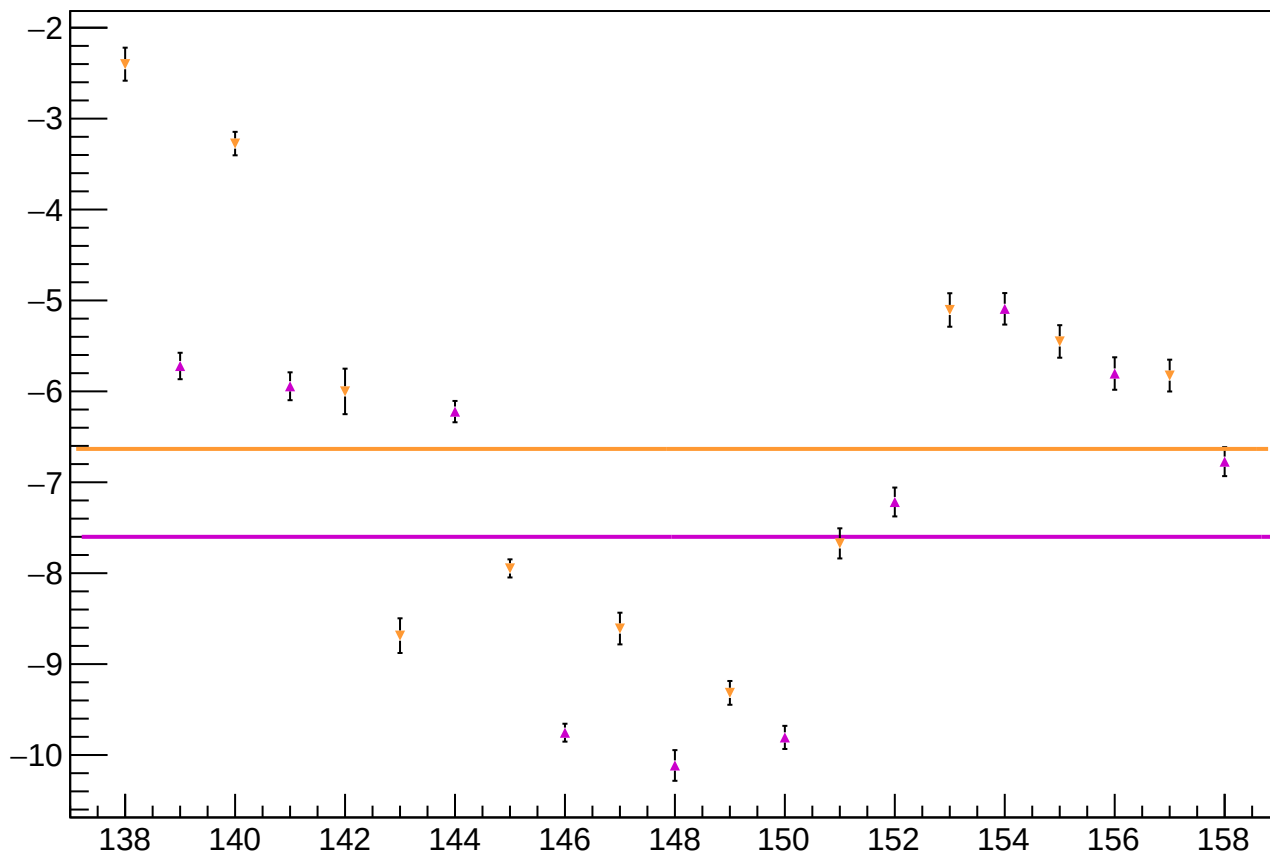
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -1.059 +/- 0.033 χ^2/NDF : 3270.9/10
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -1.101 +/- 0.032 χ^2/NDF : 7886.2/9

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: -1.081 +/- 0.023 χ^2/NDF : 11158.0/20
 - sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

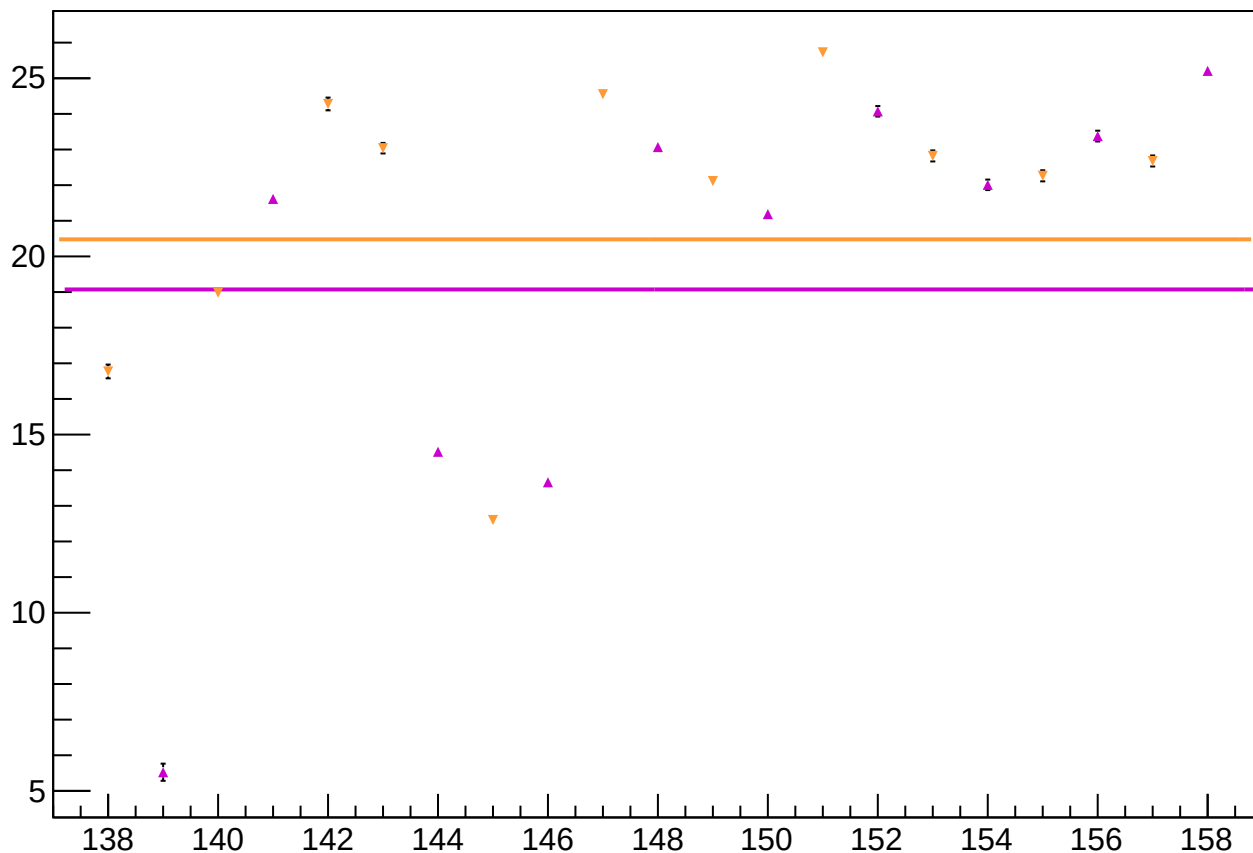
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.633+/-0.047 χ^2/NDF : 2238.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.600+/-0.044 χ^2/NDF : 1766.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.142+/-0.032 χ^2/NDF : 4229.6/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 20.479+/-0.040 χ^2/NDF :12724.7/10

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

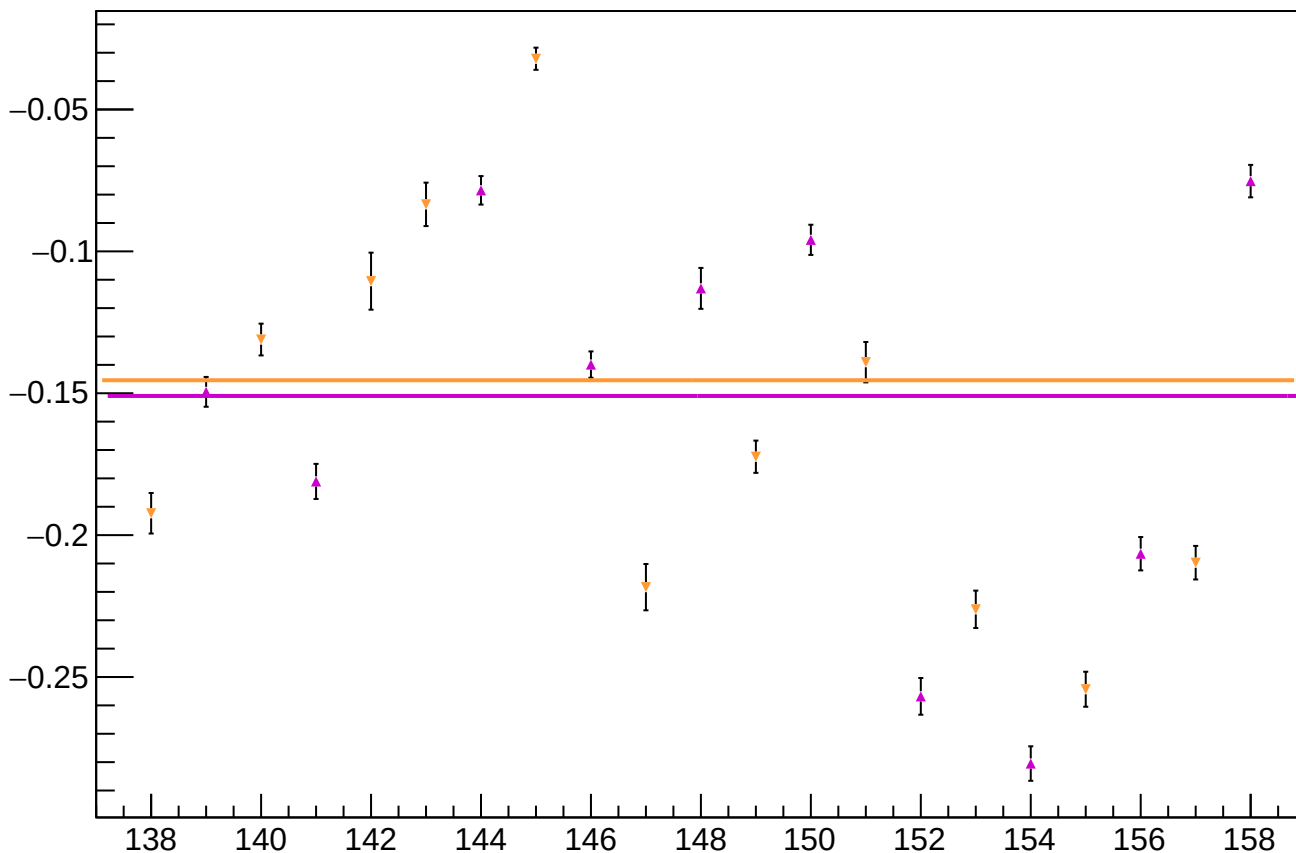
Left In: 19.073+/-0.038 χ^2/NDF :16532.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.741+/-0.027 χ^2/NDF : 29915.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.145 $\pm$ 0.002 χ^2 /NDF:1650.7/10

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

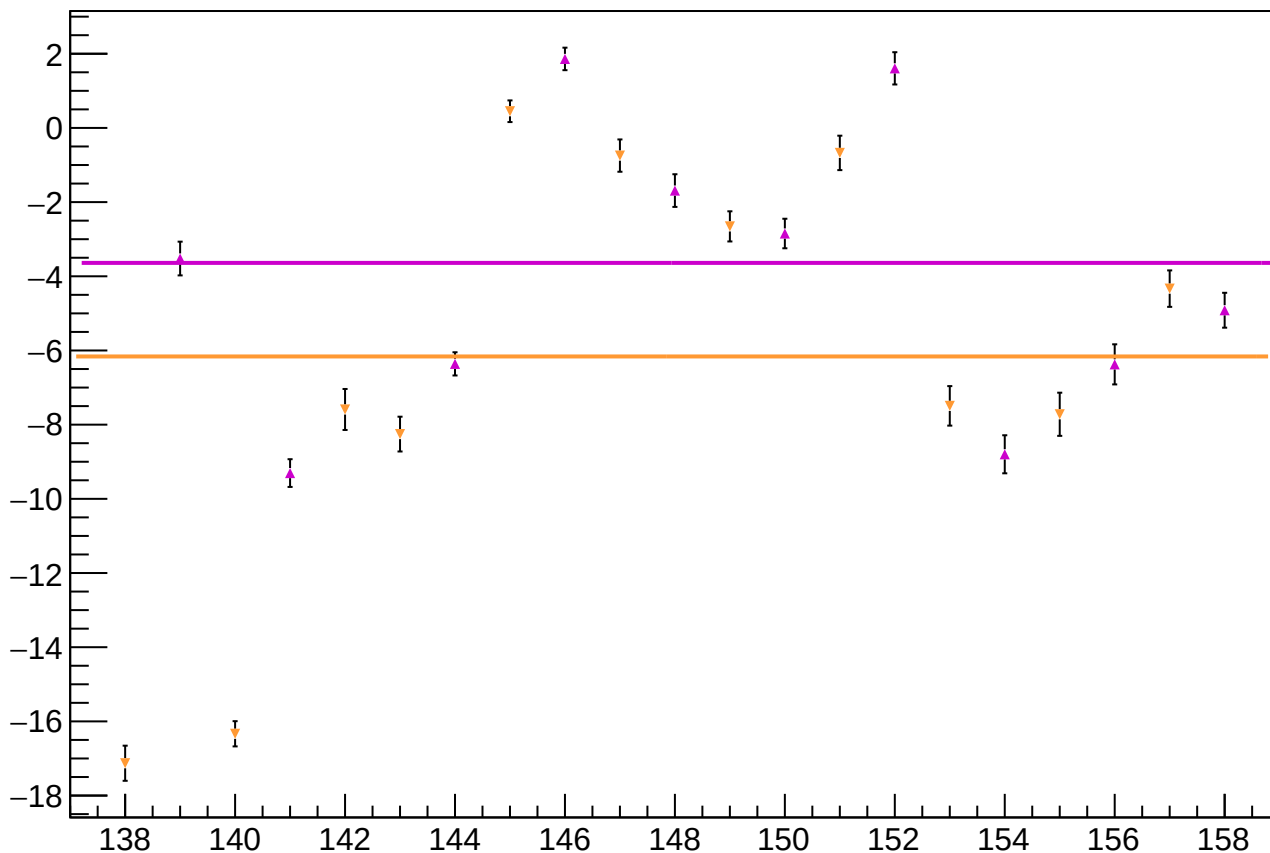
Left In: -0.151 $\pm$ 0.002 χ^2 /NDF:1358.9/9

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

All: -0.148 $\pm$ 0.001 χ^2 /NDF: 3014.2/20

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

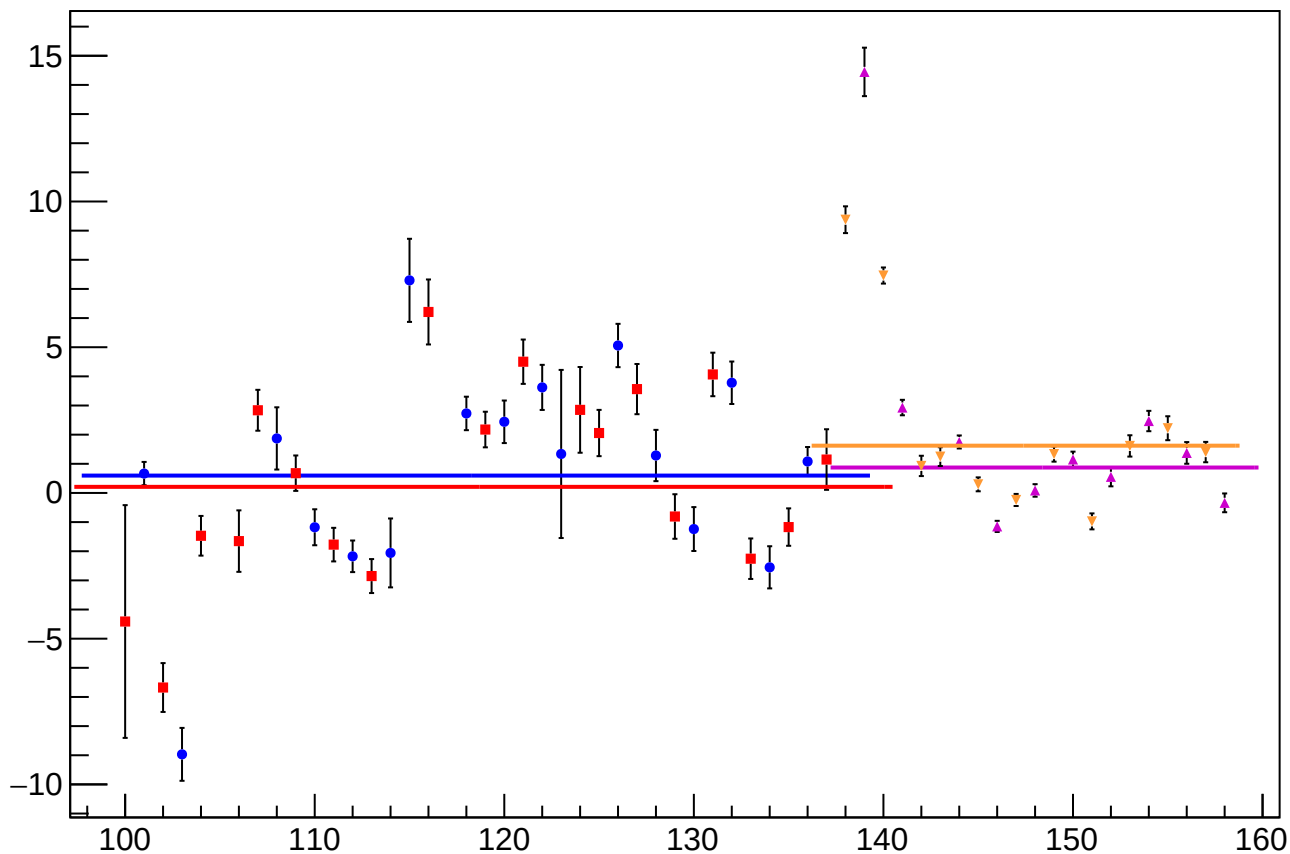
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.161+/-0.130 χ^2/NDF : 2366.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.639+/-0.127 χ^2/NDF : 937.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.876+/-0.091 χ^2/NDF : 3496.1/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.622 ± 0.089 χ^2/NDF : 942.1/10

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

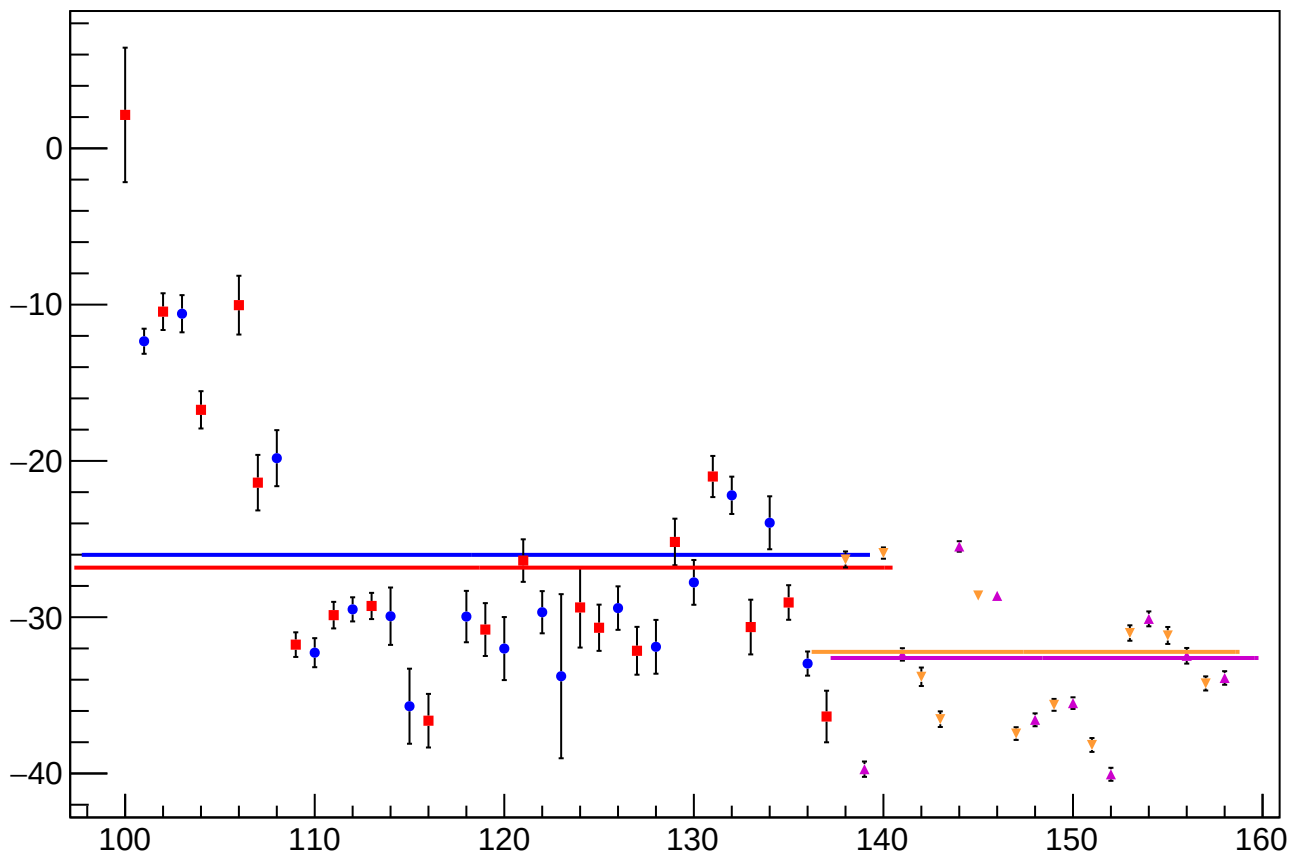
Left In: 0.872 ± 0.087 χ^2/NDF : 506.1/9

+ sign 1.399 ± 0.079 χ^2/NDF : 1262.2/27

All: 1.066 ± 0.055 χ^2/NDF : 2088.8/56

- sign 0.741 ± 0.078 χ^2/NDF : 791.2/28

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.219 ± 0.130 χ^2/NDF : 1109.5/10

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

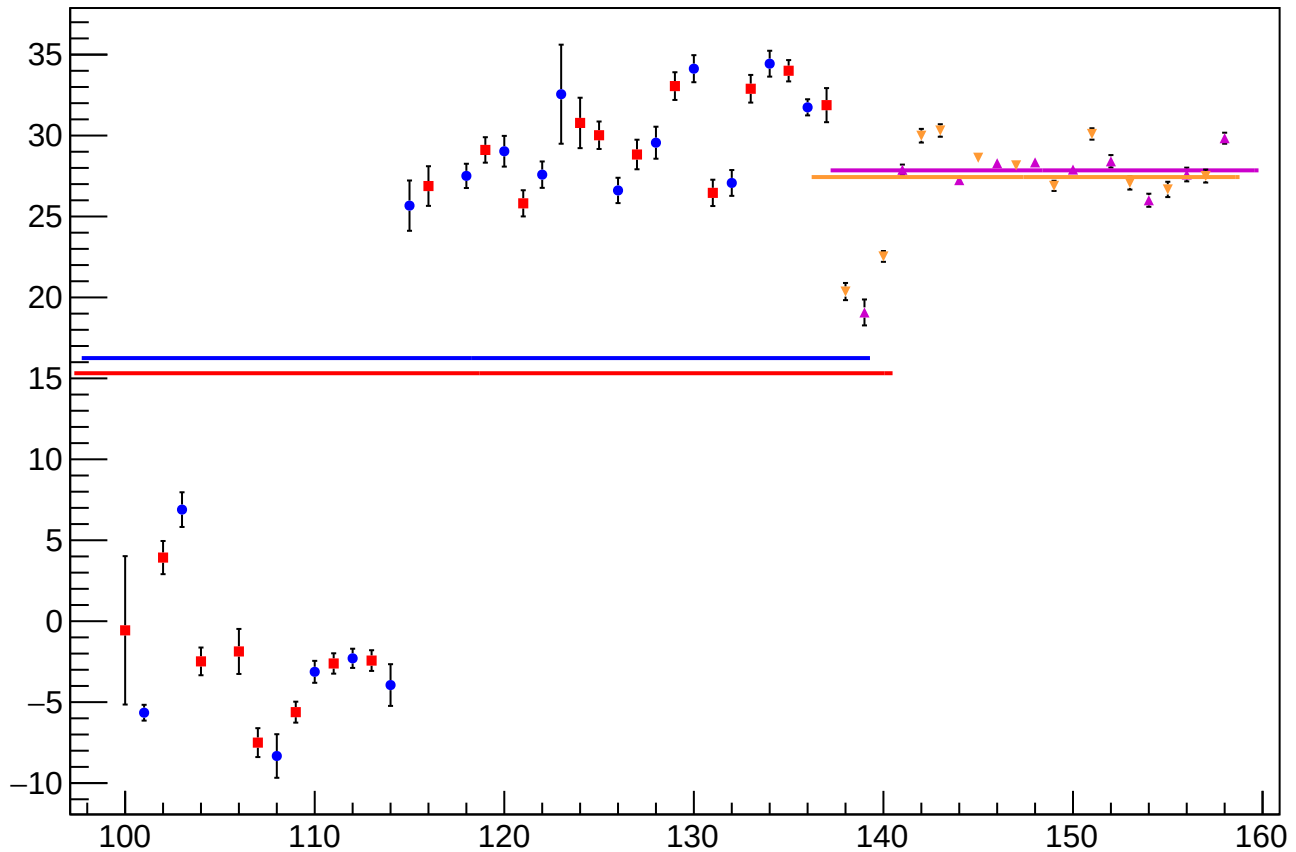
Left In: -32.611 ± 0.125 χ^2/NDF : 1356.6/9

+ sign -31.235 ± 0.119 χ^2/NDF : 2163.7/27

All: -31.495 ± 0.083 χ^2/NDF : 4431.9/56

- sign -31.739 ± 0.115 χ^2/NDF : 2259.0/28

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 27.436 $\pm$ 0.108 χ^2 /NDF: 574.0/10

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

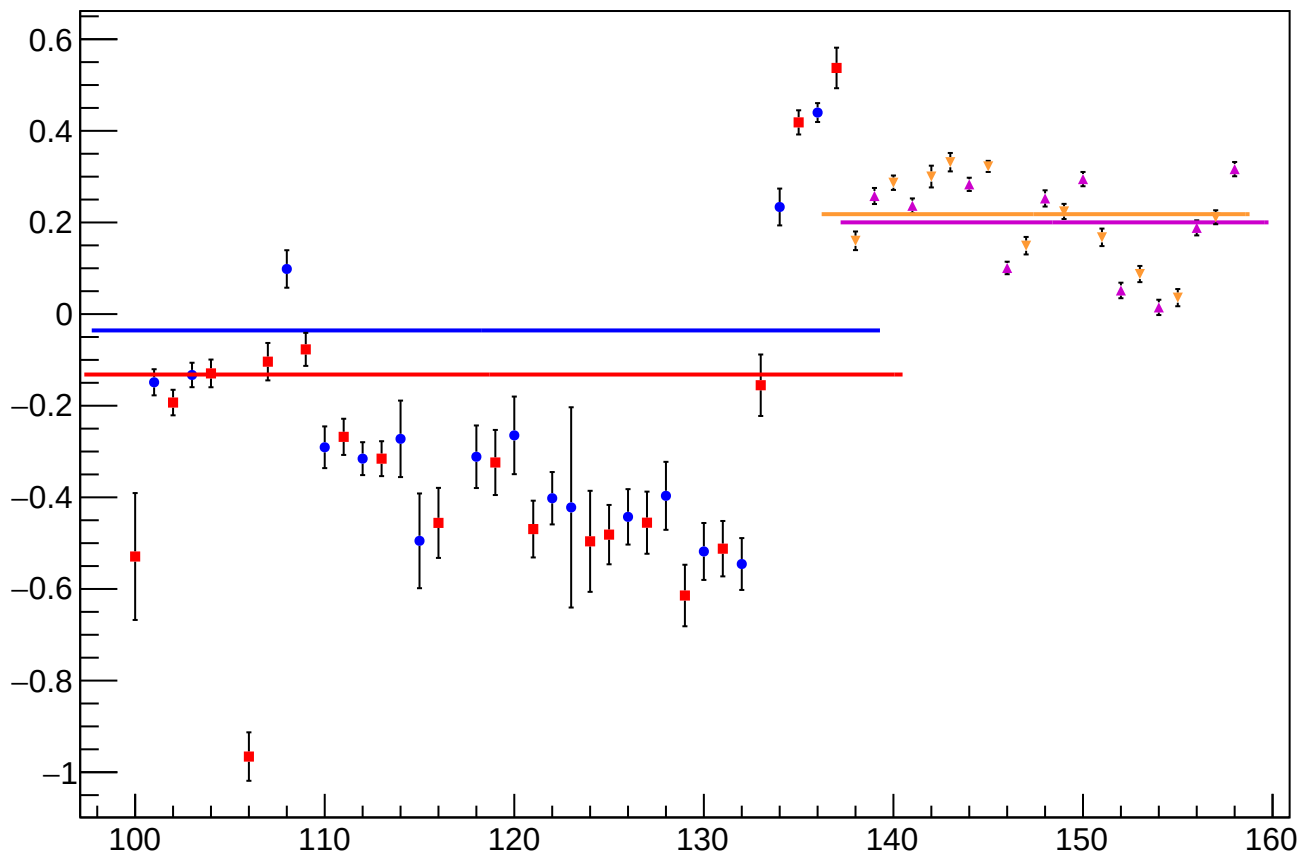
Left In: 27.850 $\pm$ 0.104 χ^2 /NDF: 188.6/9

+ sign 24.709 $\pm$ 0.094 χ^2 /NDF: 10776.6/27

All: 24.908 $\pm$ 0.066 χ^2 /NDF: 21412.5/56

- sign 25.098 $\pm$ 0.092 χ^2 /NDF: 10627.2/28

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.218 ± 0.005 χ^2/NDF : 314.0/10

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

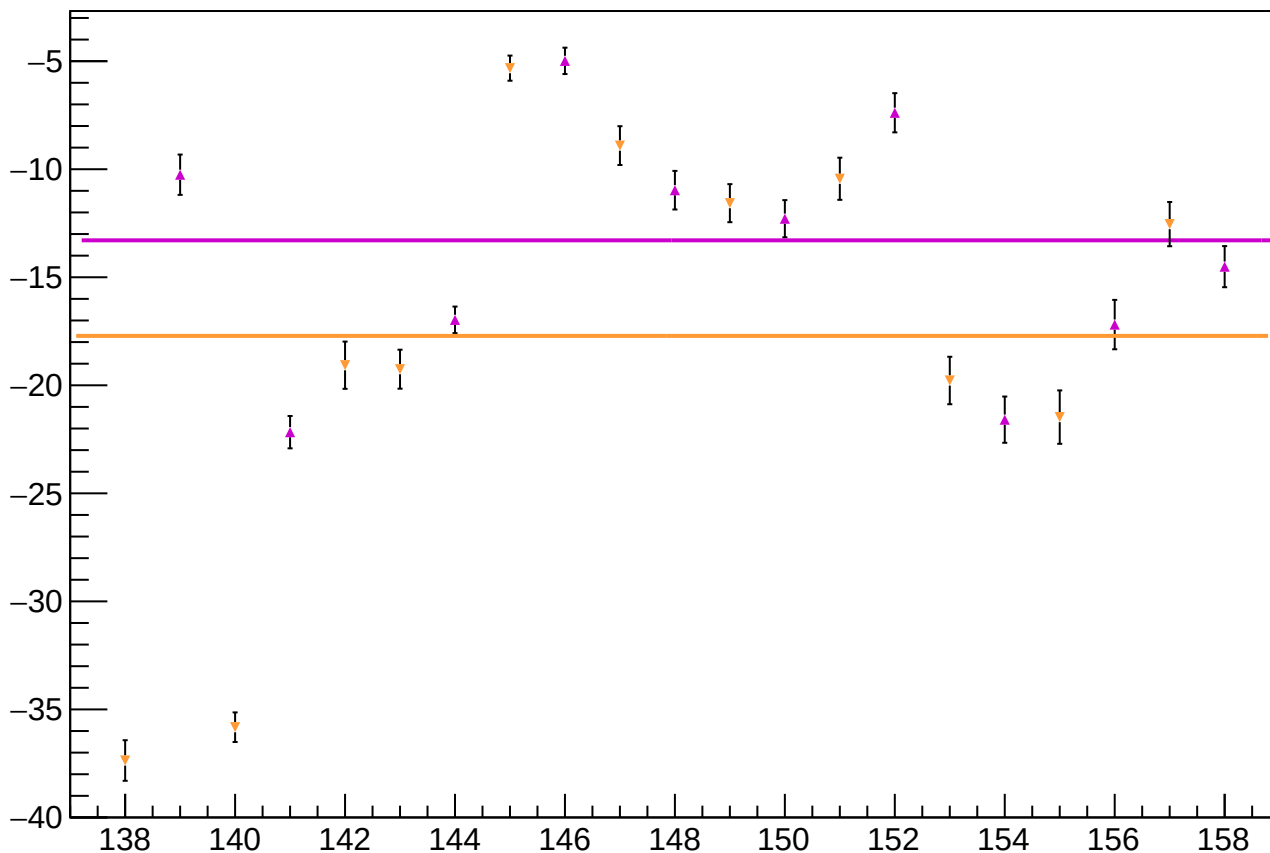
Left In: 0.200 ± 0.005 χ^2/NDF : 403.2/9

+ sign 0.167 ± 0.005 χ^2/NDF : 1811.3/27

All: 0.151 ± 0.003 χ^2/NDF : 4238.5/56

- sign 0.137 ± 0.005 χ^2/NDF : 2405.8/28

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.714+/-0.264 χ^2/NDF :1834.3/10

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

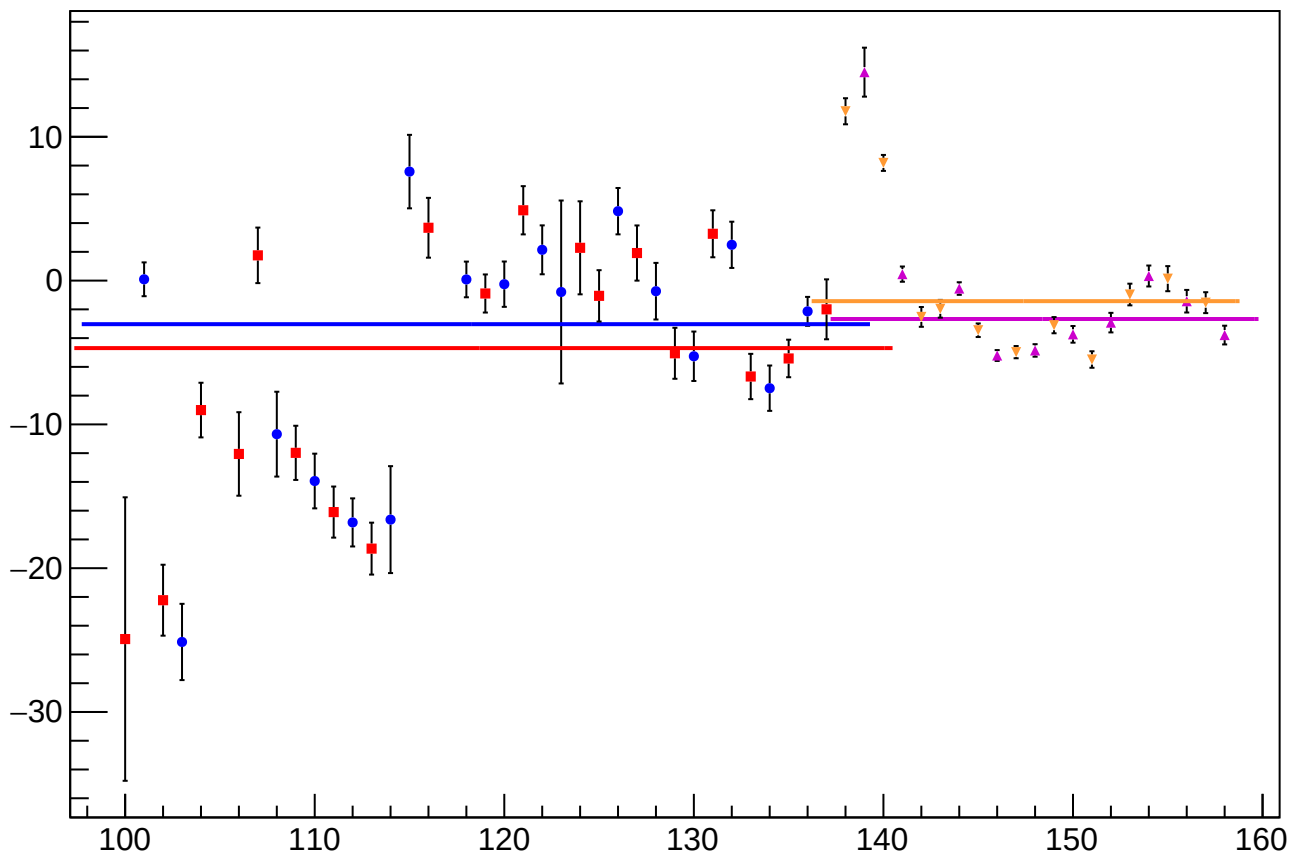
Left In: -13.291+/-0.260 χ^2/NDF :496.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.462+/-0.185 χ^2/NDF : 2473.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: -1.429 ± 0.182 χ^2/NDF : 665.3/10

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

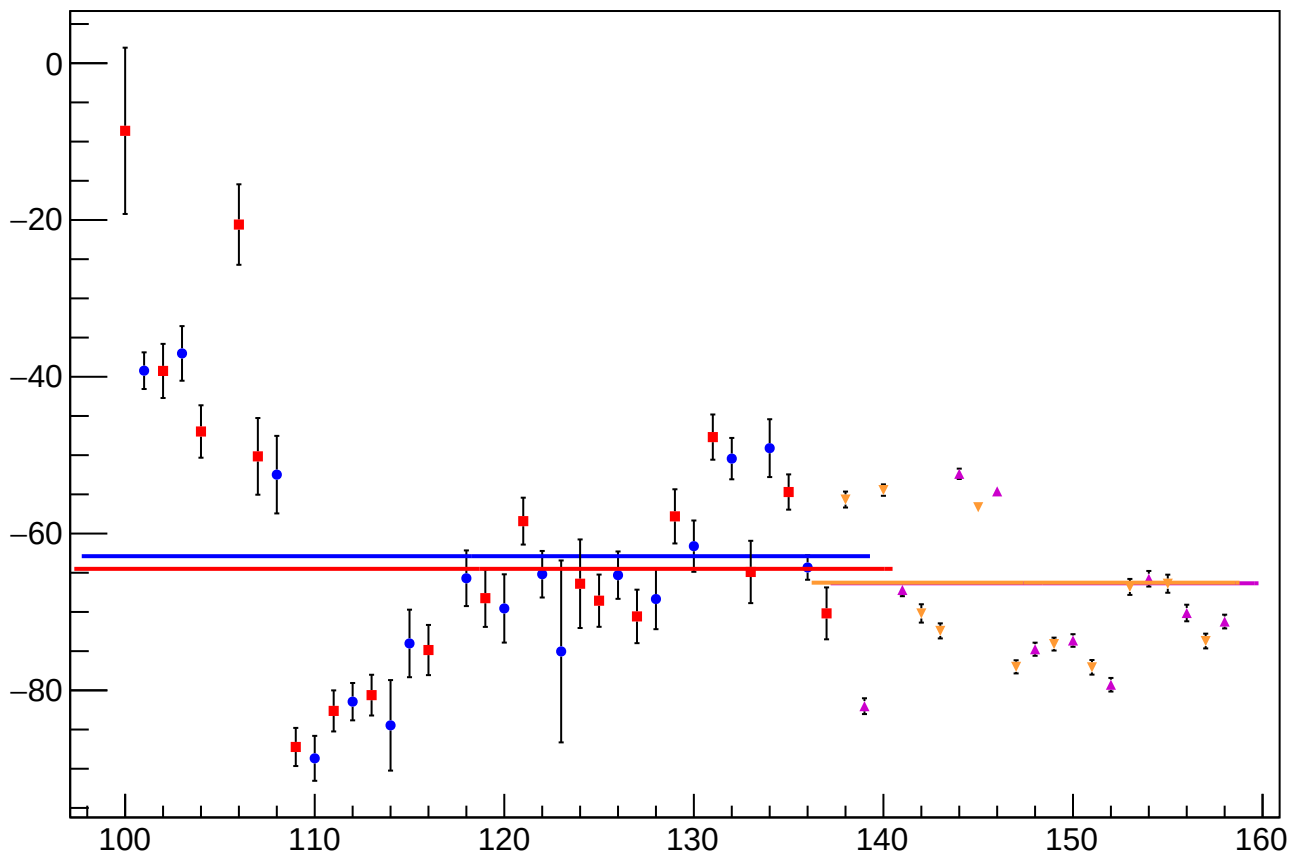
Left In: -2.670 ± 0.176 χ^2/NDF : 256.0/9

+ sign -1.694 ± 0.166 χ^2/NDF : 959.0/27

All: -2.342 ± 0.116 χ^2/NDF : 1562.5/56

- sign -2.963 ± 0.162 χ^2/NDF : 573.6/28

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -66.266 ± 0.266 χ^2/NDF : 1117.4/10

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

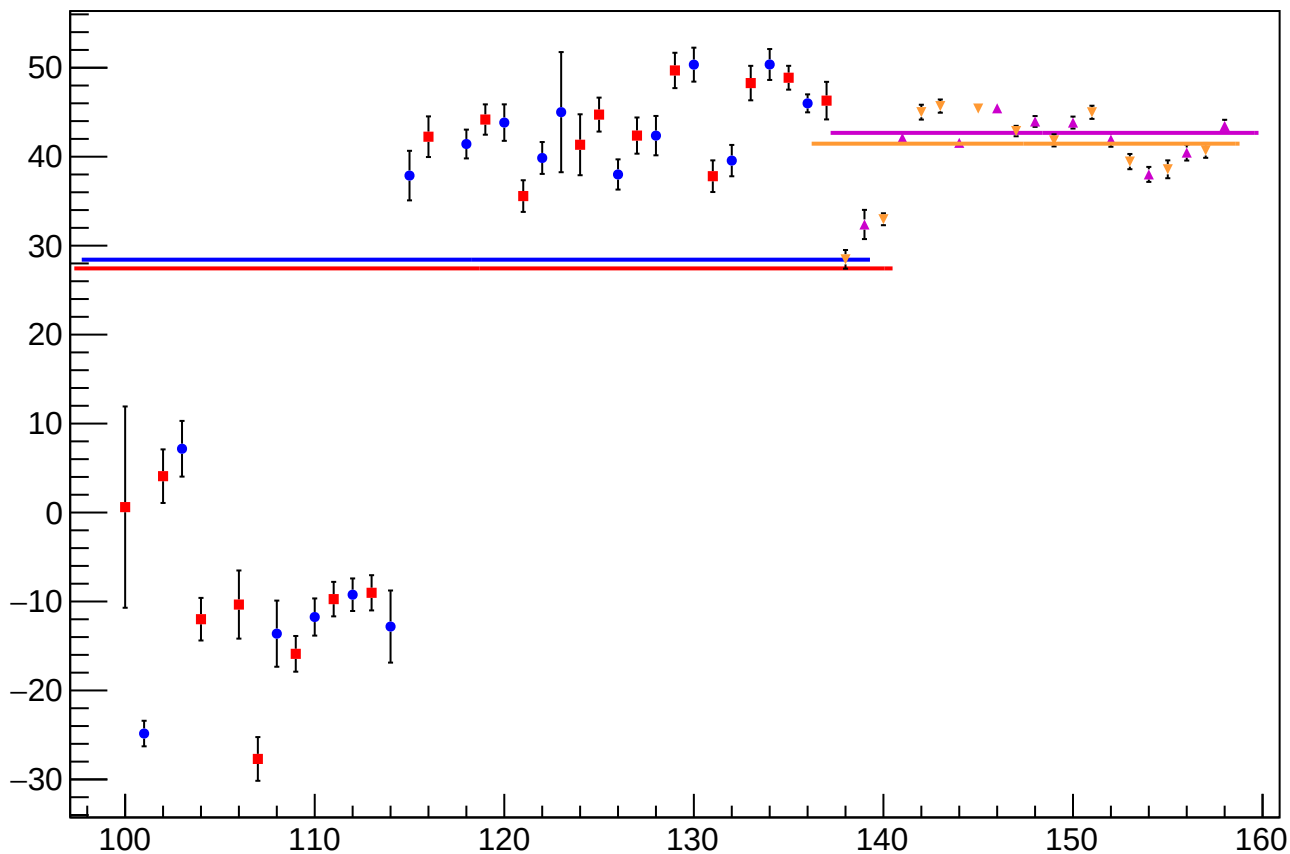
Left In: -66.344 ± 0.256 χ^2/NDF : 1542.8/9

+ sign -65.878 ± 0.250 χ^2/NDF : 1504.7/27

All: -66.020 ± 0.174 χ^2/NDF : 3497.6/56

- sign -66.153 ± 0.242 χ^2/NDF : 1992.3/28

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 41.463 $\pm$ 0.221 χ^2 /NDF: 460.0/10

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

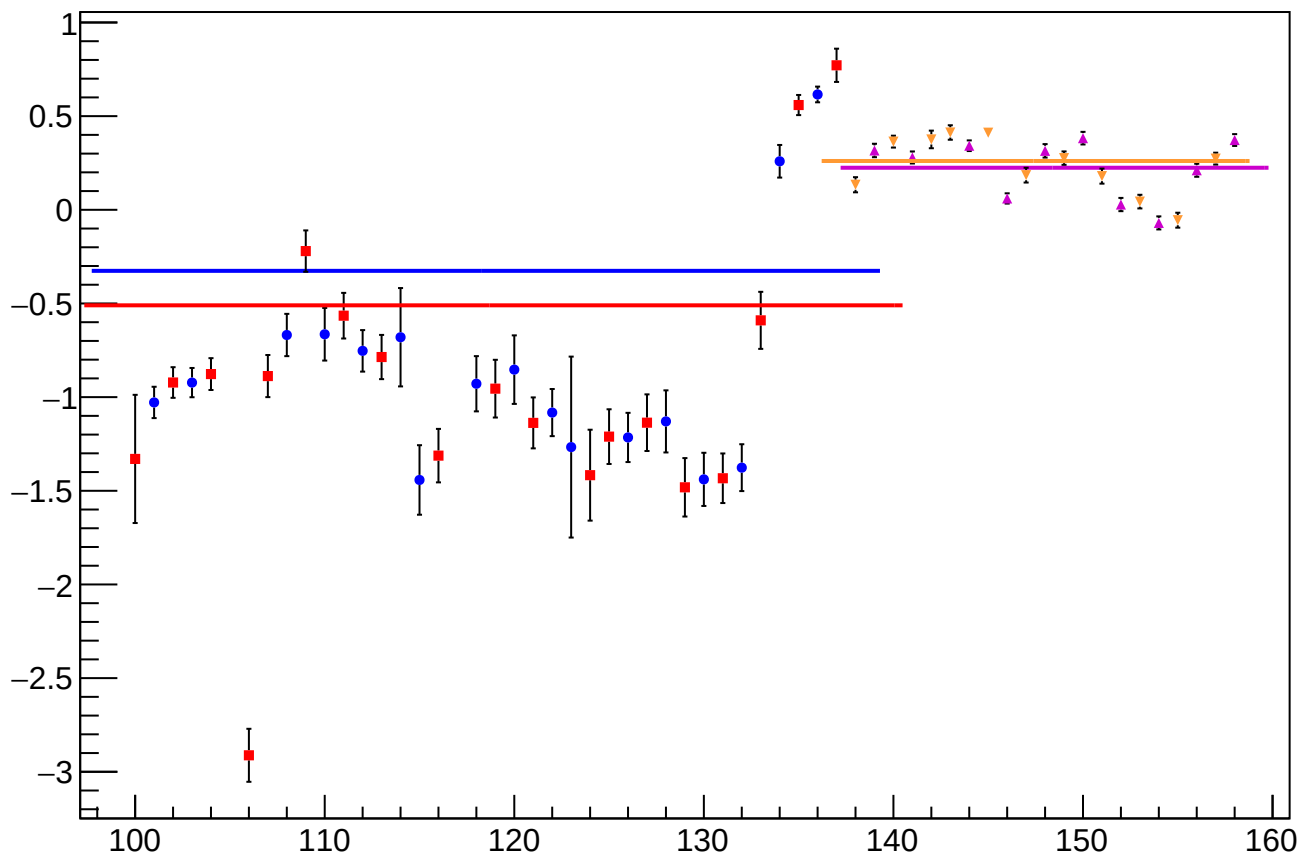
Left In: 42.677 $\pm$ 0.212 χ^2 /NDF: 125.0/9

+ sign 38.987 $\pm$ 0.199 χ^2 /NDF: 4449.5/27

All: 39.595 $\pm$ 0.139 χ^2 /NDF: 8472.3/56

- sign 40.172 $\pm$ 0.194 χ^2 /NDF: 4004.6/28

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.261 ± 0.011 χ^2/NDF : 187.1/10

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

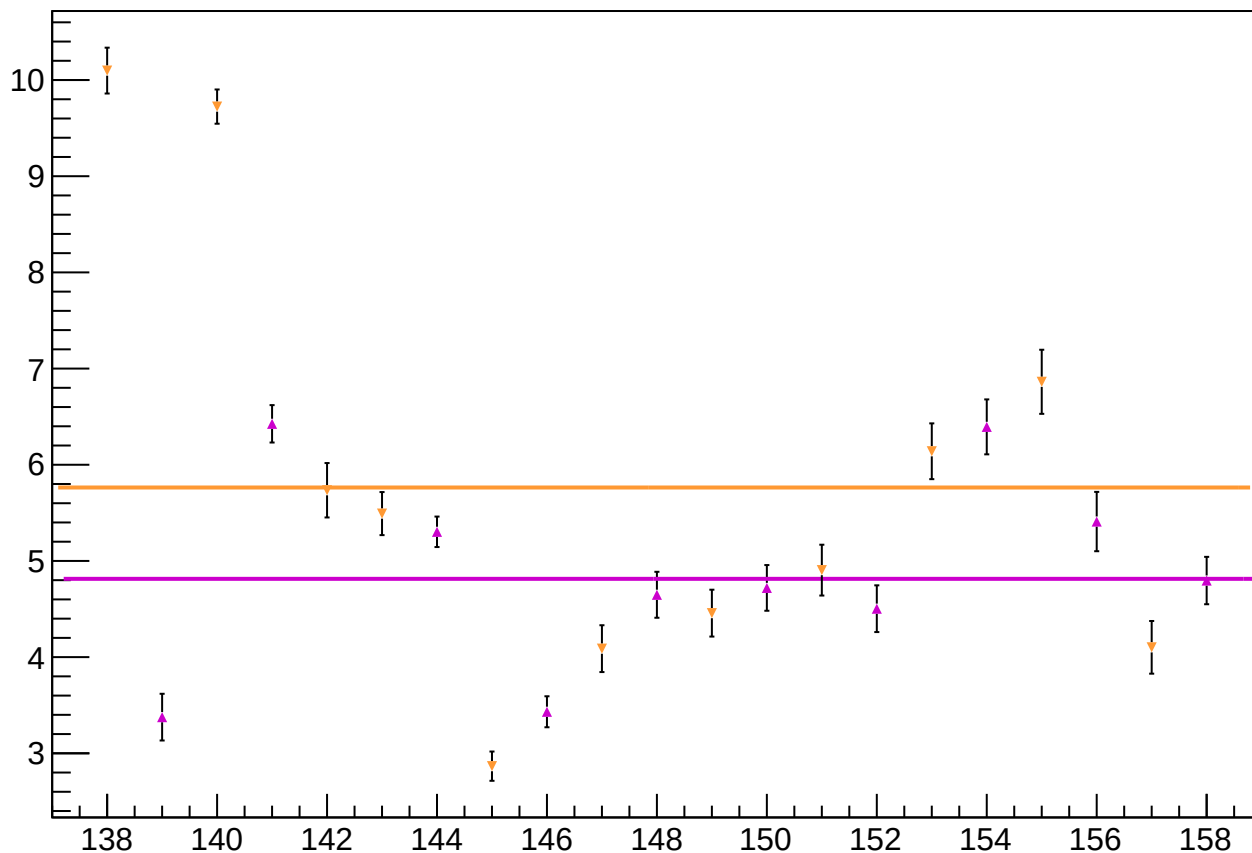
Left In: 0.225 ± 0.010 χ^2/NDF : 214.8/9

+ sign 0.170 ± 0.010 χ^2/NDF : 1669.4/27

All: 0.146 ± 0.007 χ^2/NDF : 3769.1/56

- sign 0.123 ± 0.010 χ^2/NDF : 2087.7/28

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.764 $\pm$ 0.069 χ^2 /NDF:1325.8/10

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

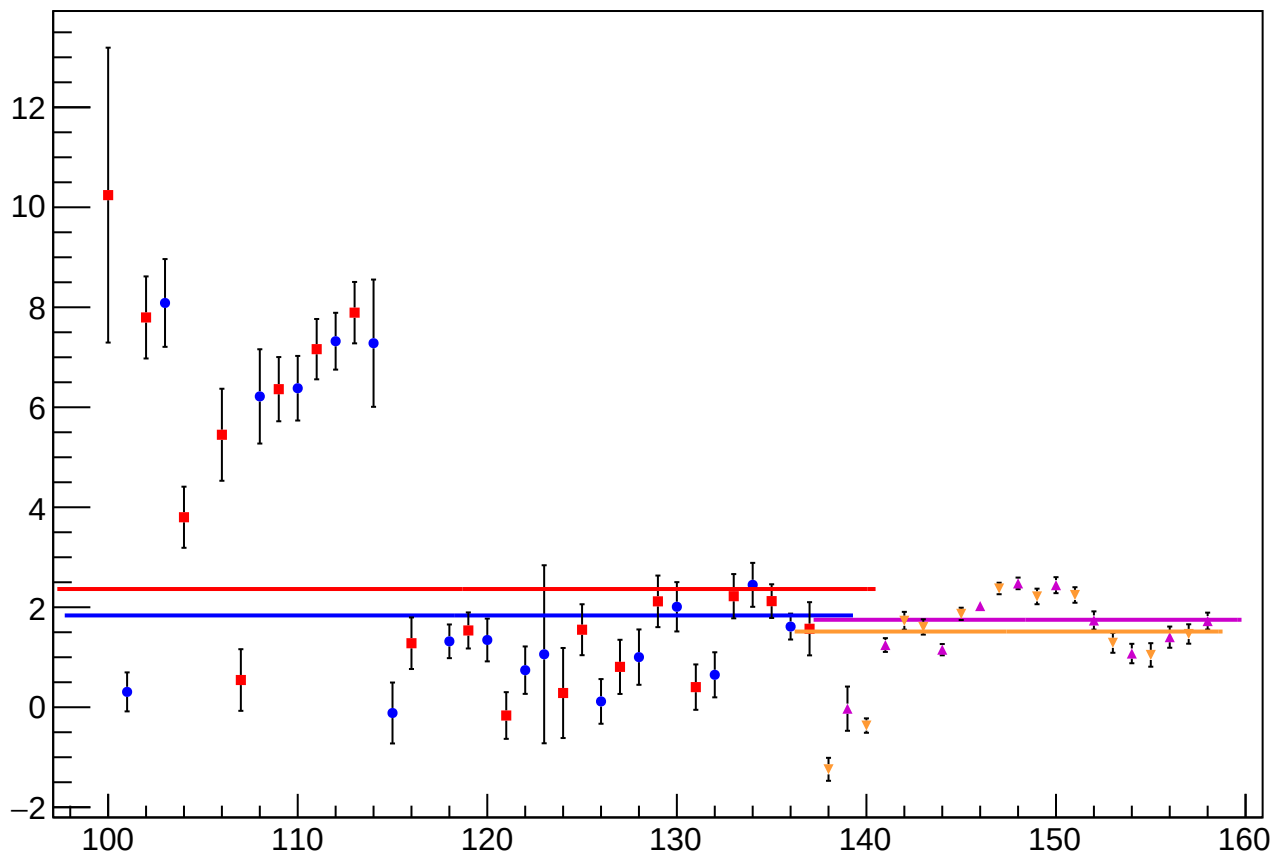
Left In: 4.814 $\pm$ 0.068 χ^2 /NDF:223.5/9

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

All: 5.282 $\pm$ 0.049 χ^2 /NDF: 1644.1/20

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

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 1.514 ± 0.048 χ^2/NDF : 427.8/10

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

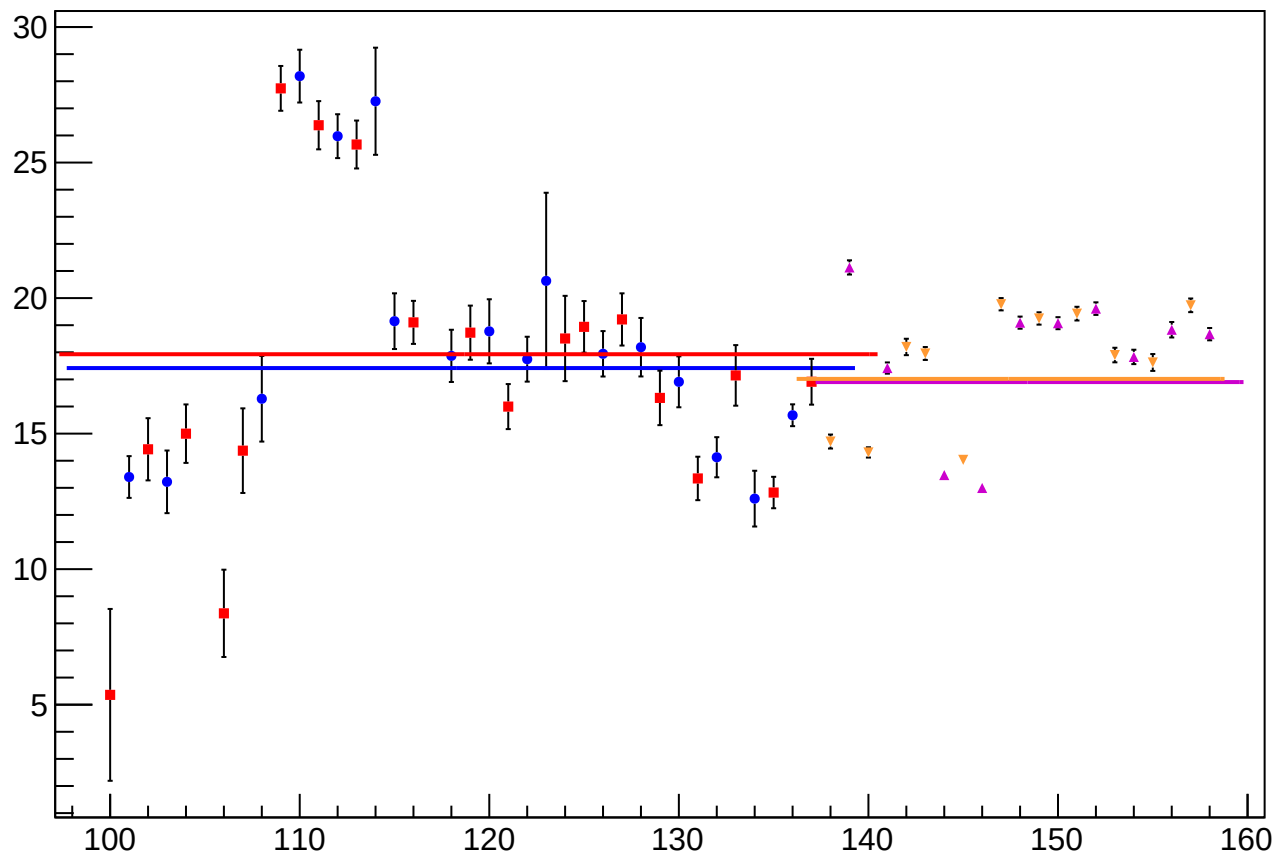
Left In: 1.750 ± 0.046 χ^2/NDF : 138.4/9

+ sign 1.561 ± 0.044 χ^2/NDF : 729.2/27

All: 1.697 ± 0.031 χ^2/NDF : 1244.3/56

- sign 1.826 ± 0.043 χ^2/NDF : 496.9/28

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: 17.019 $\pm$ 0.070 χ^2 /NDF:1120.4/10

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

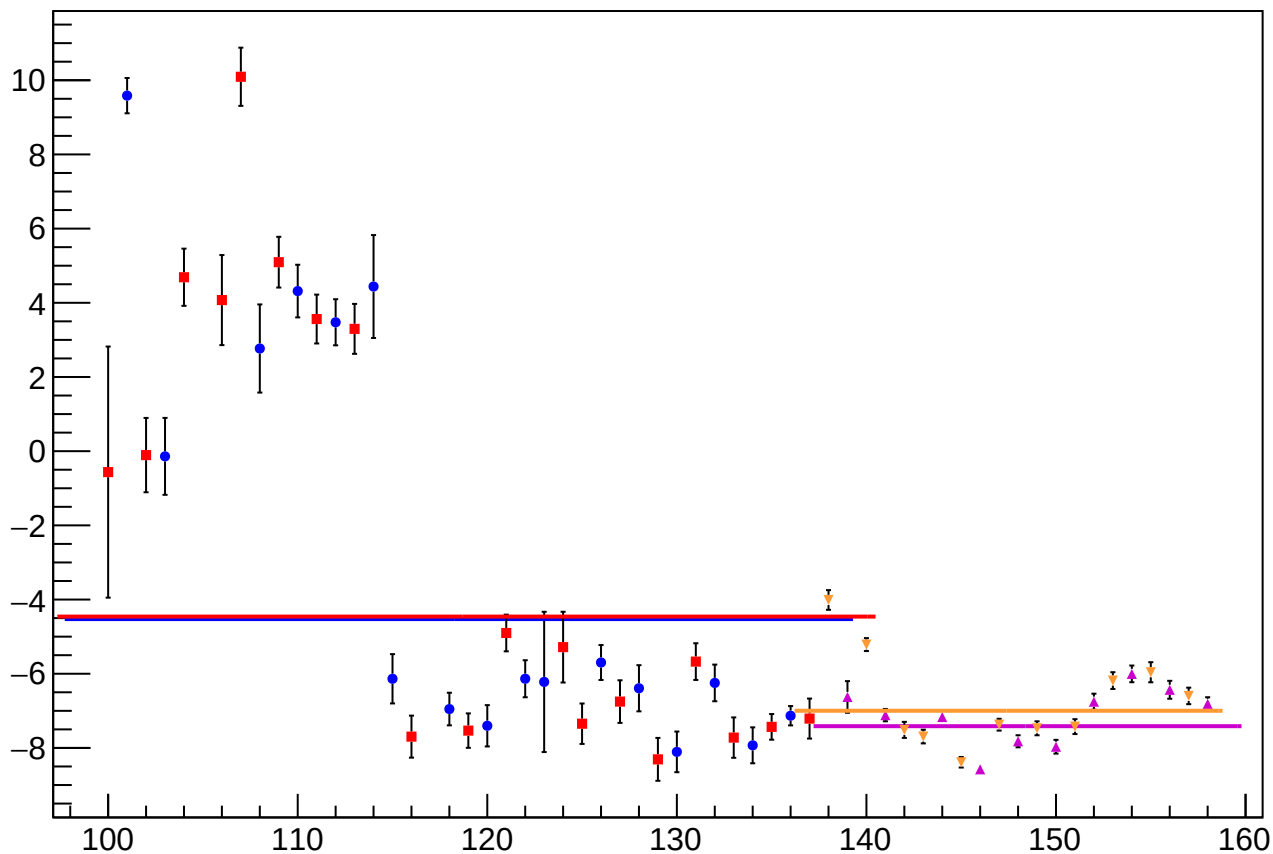
Left In: 16.902 $\pm$ 0.068 χ^2 /NDF:1758.2/9

+ sign 17.058 $\pm$ 0.067 χ^2 /NDF: 1490.4/27

All: 17.024 $\pm$ 0.046 χ^2 /NDF: 3775.6/56

- sign 16.991 $\pm$ 0.065 χ^2 /NDF: 2284.6/28

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -6.998 ± 0.058 χ^2/NDF : 393.8/10

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

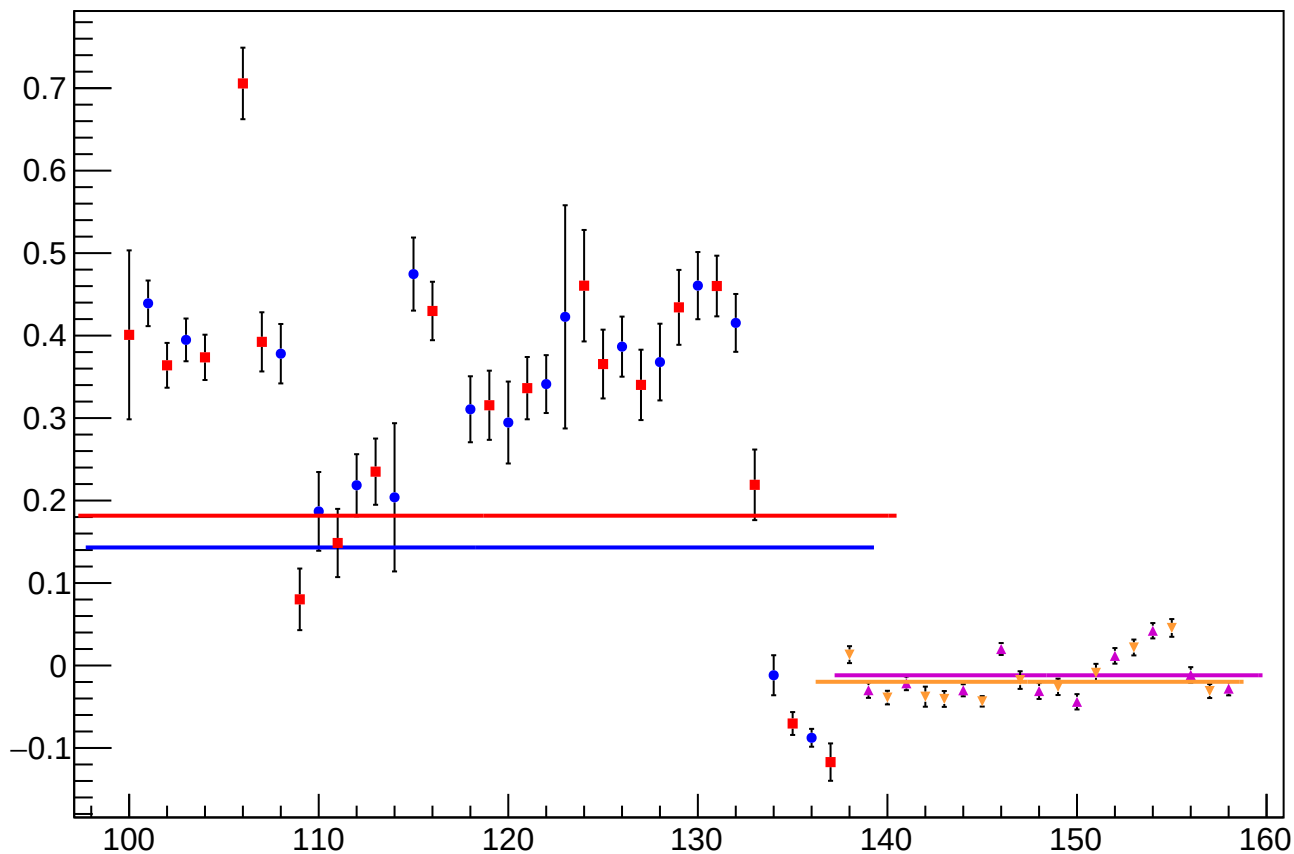
Left In: -7.414 ± 0.056 χ^2/NDF : 189.6/9

+ sign -6.580 ± 0.053 χ^2/NDF : 2286.7/27

All: -6.791 ± 0.037 χ^2/NDF : 4244.6/56

- sign -6.991 ± 0.052 χ^2/NDF : 1927.3/28

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.020 ± 0.003 $\chi^2/\text{NDF}: 95.2/10$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

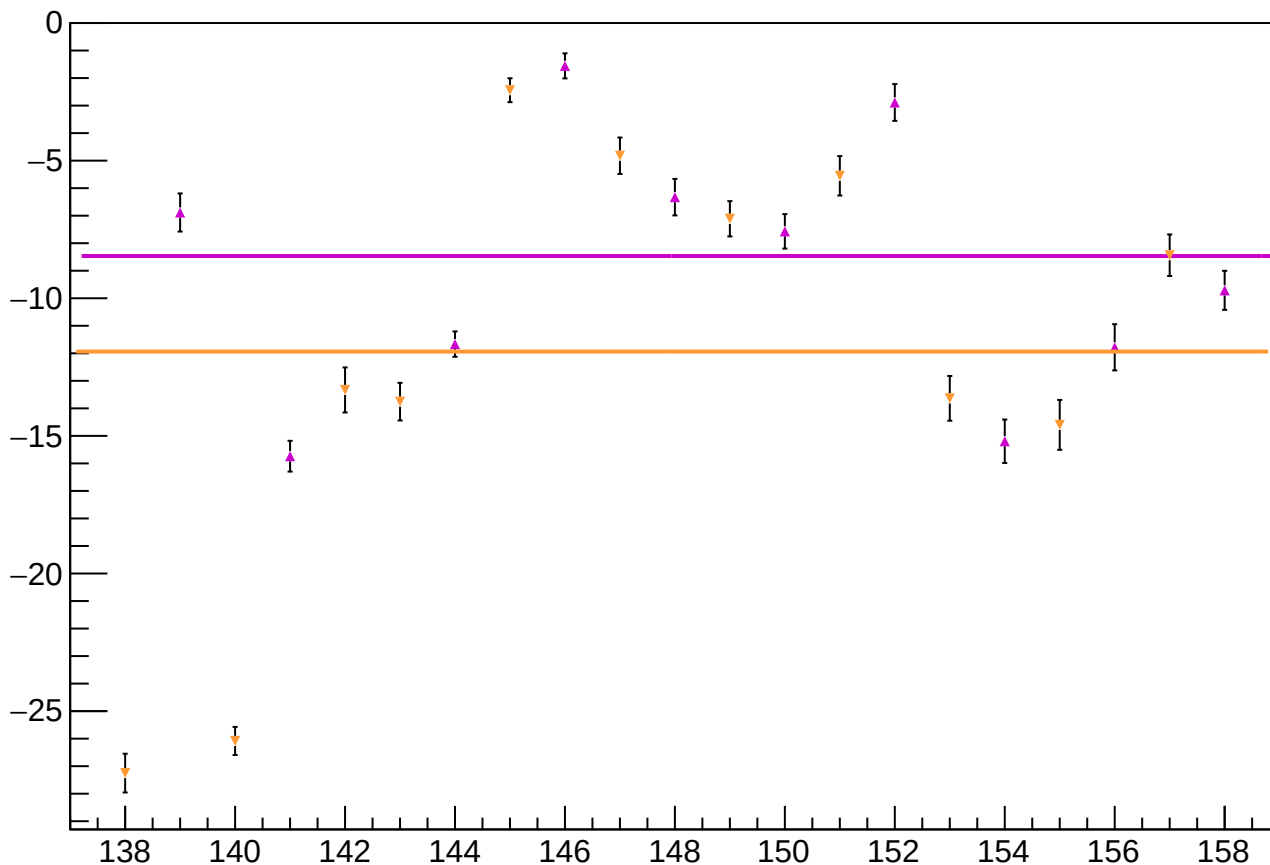
Left In: -0.012 ± 0.003 $\chi^2/\text{NDF}: 90.3/9$

+ sign 0.002 ± 0.003 $\chi^2/\text{NDF}: 1616.2/27$

All: 0.007 ± 0.002 $\chi^2/\text{NDF}: 3324.4/56$

- sign 0.011 ± 0.003 $\chi^2/\text{NDF}: 1702.4/28$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.937+/-0.196 χ^2/NDF : 2014.4/10

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

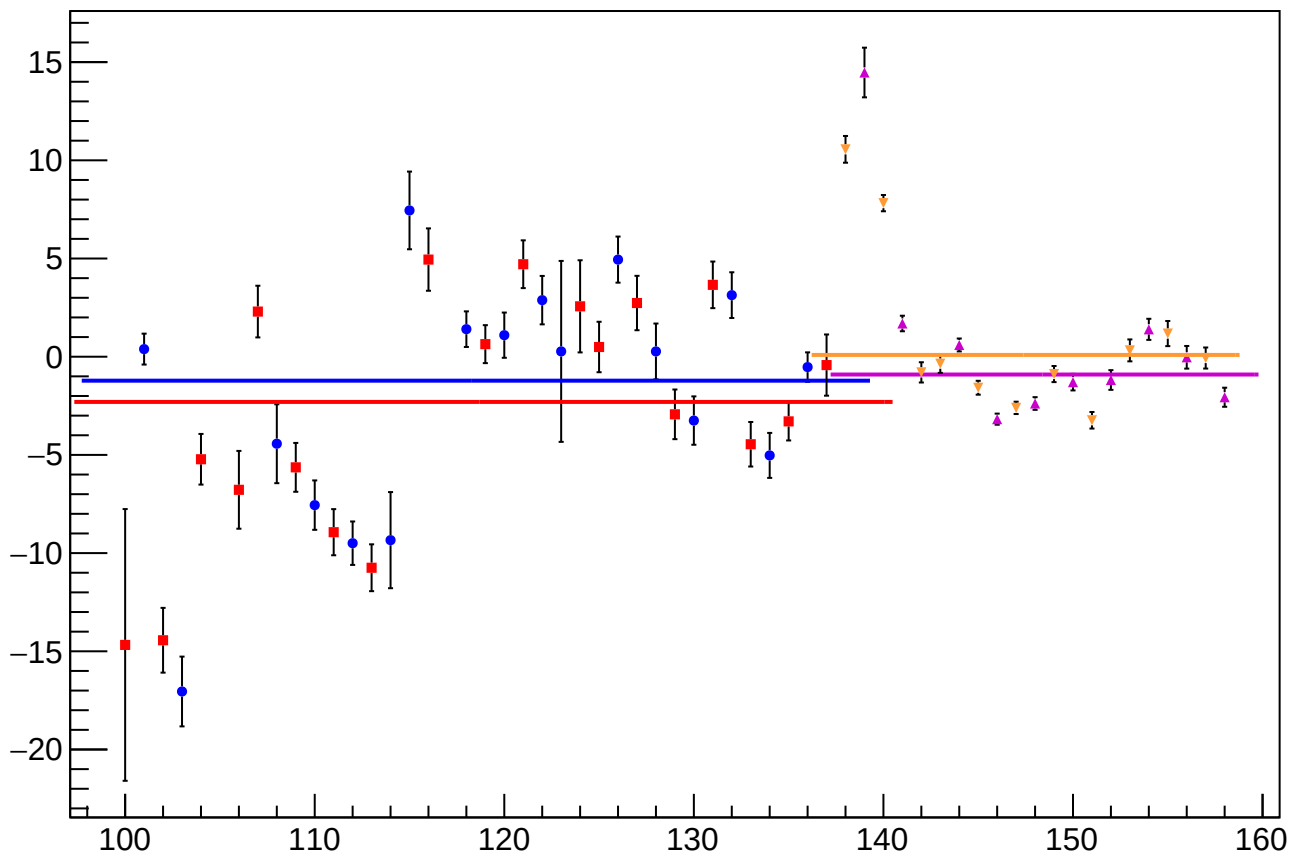
Left In: -8.465+/-0.193 χ^2/NDF : 627.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.169+/-0.138 χ^2/NDF : 2801.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.091 ± 0.135 χ^2/NDF : 755.2/10

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

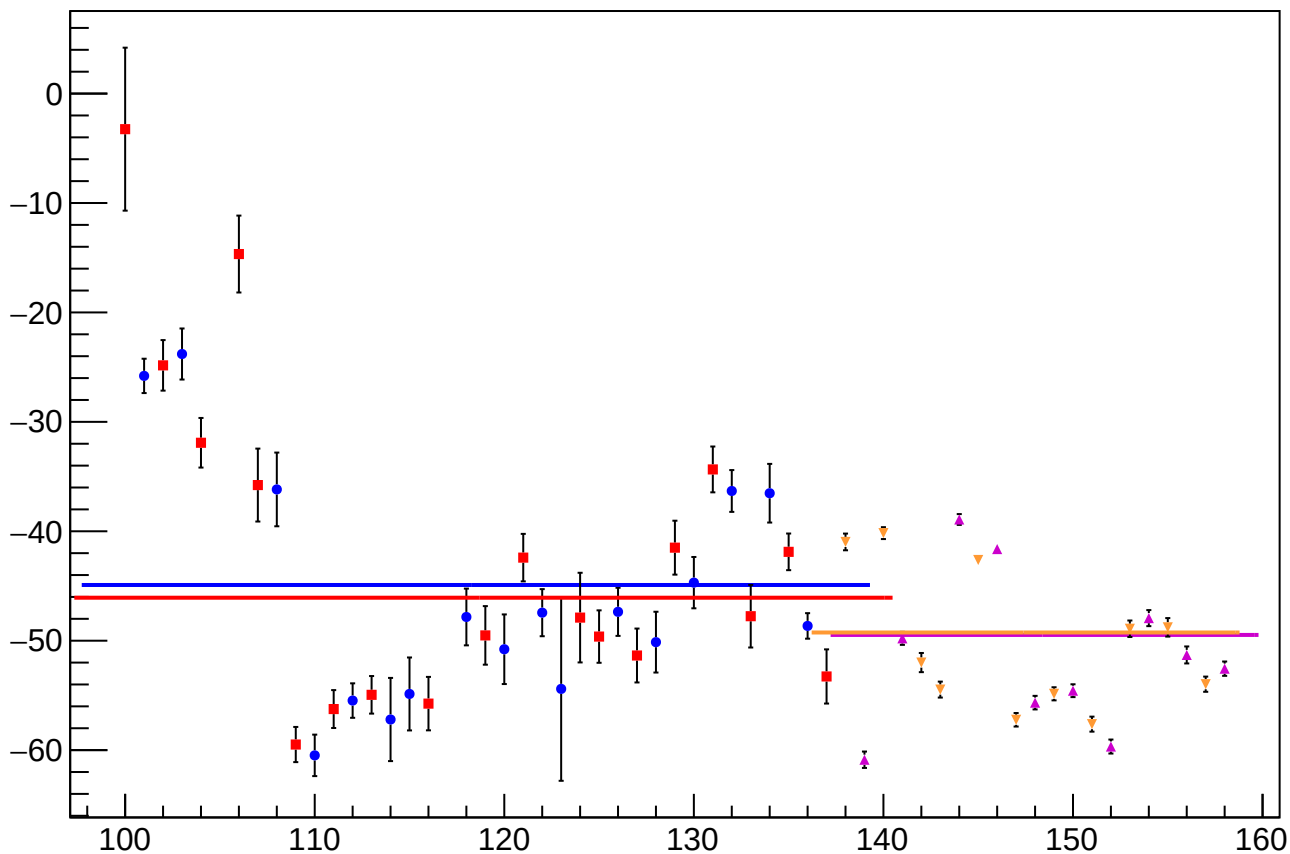
Left In: -0.907 ± 0.131 χ^2/NDF : 324.9/9

+ sign -0.142 ± 0.122 χ^2/NDF : 1050.6/27

All: -0.643 ± 0.086 χ^2/NDF : 1712.8/56

- sign -1.127 ± 0.120 χ^2/NDF : 629.1/28

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -49.250 ± 0.197 χ^2/NDF : 1114.4/10

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

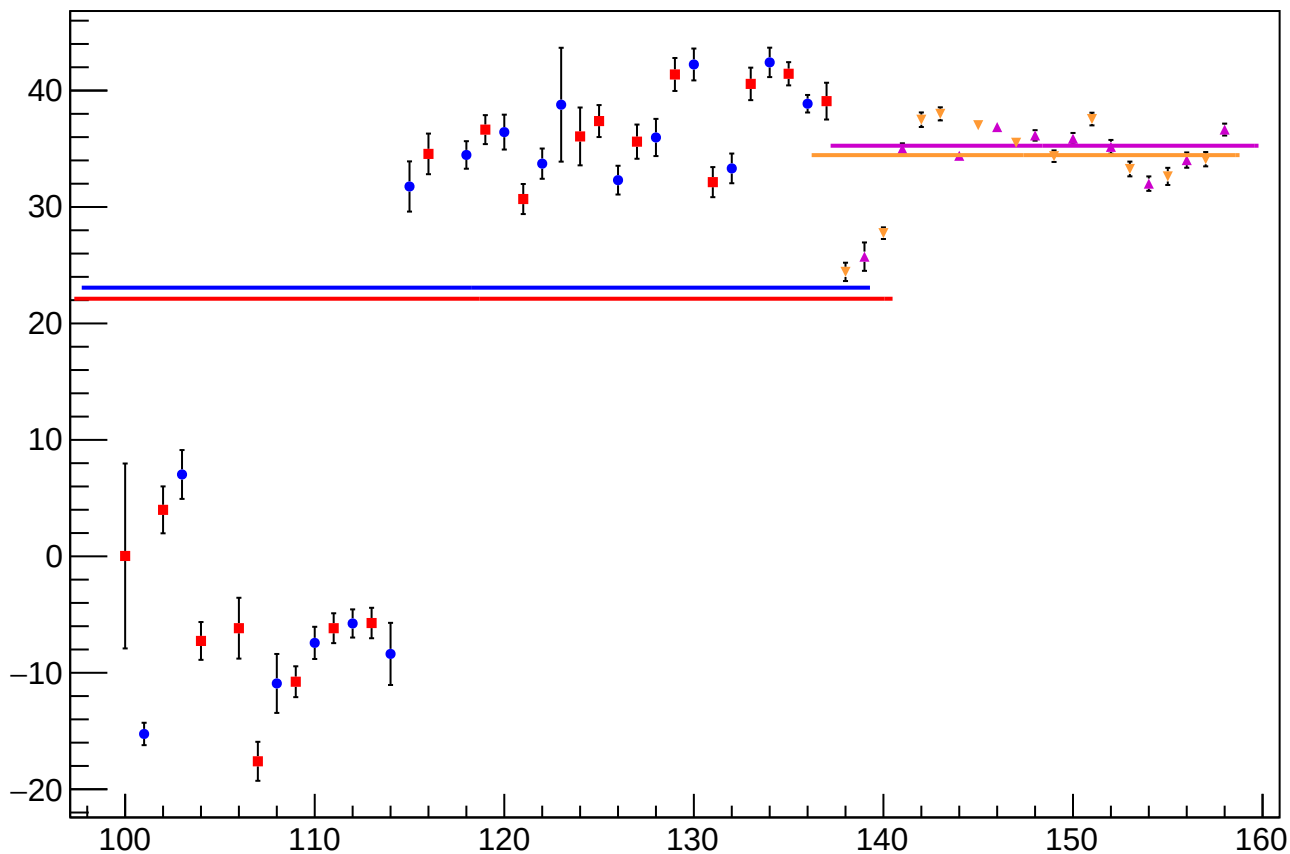
Left In: -49.473 ± 0.190 χ^2/NDF : 1473.1/9

+ sign -48.709 ± 0.184 χ^2/NDF : 1596.0/27

All: -48.903 ± 0.128 χ^2/NDF : 3562.0/56

- sign -49.084 ± 0.179 χ^2/NDF : 1963.8/28

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 34.454 $\pm$ 0.164 χ^2 /NDF:492.7/10

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

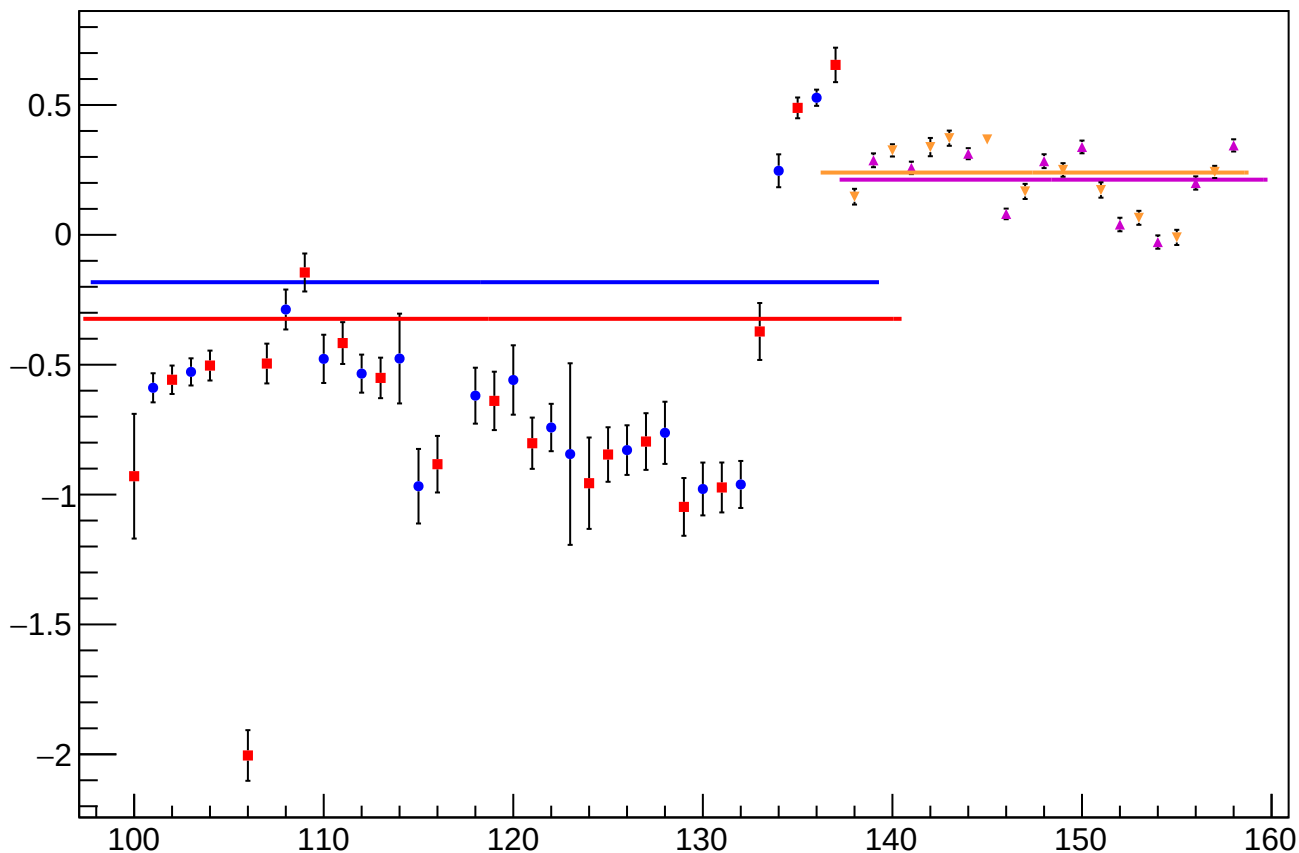
Left In: 35.262 $\pm$ 0.158 χ^2 /NDF:130.3/9

+ sign 32.151 $\pm$ 0.147 χ^2 /NDF: 5810.8/27

All: 32.552 $\pm$ 0.102 χ^2 /NDF: 11219.8/56

- sign 32.933 $\pm$ 0.143 χ^2 /NDF: 5394.4/28

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.240 ± 0.008 χ^2/NDF : 226.6/10

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

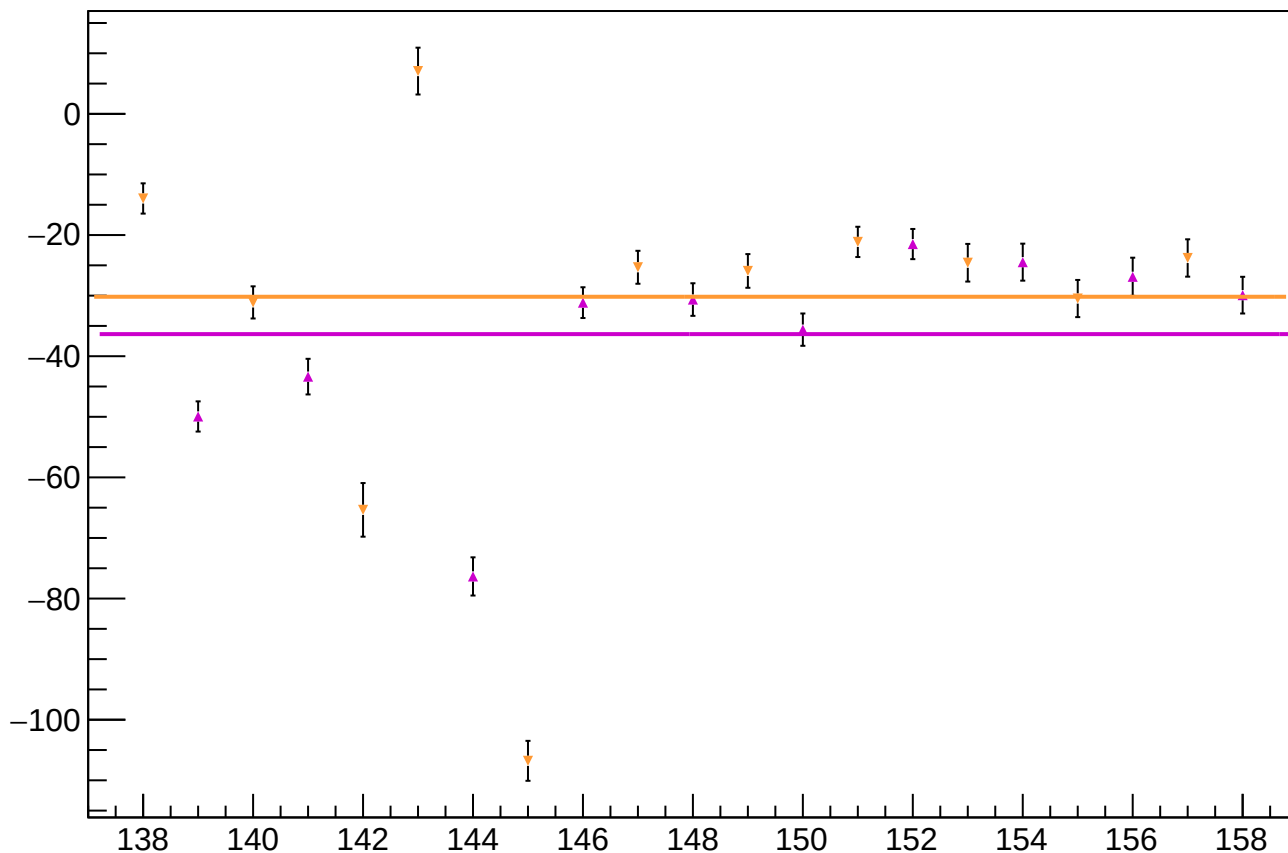
Left In: 0.212 ± 0.008 χ^2/NDF : 271.3/9

+ sign 0.170 ± 0.007 χ^2/NDF : 1698.1/27

All: 0.151 ± 0.005 χ^2/NDF : 3907.6/56

- sign 0.132 ± 0.007 χ^2/NDF : 2195.1/28

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -30.186+/-0.894 χ^2/NDF : 764.6/10

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

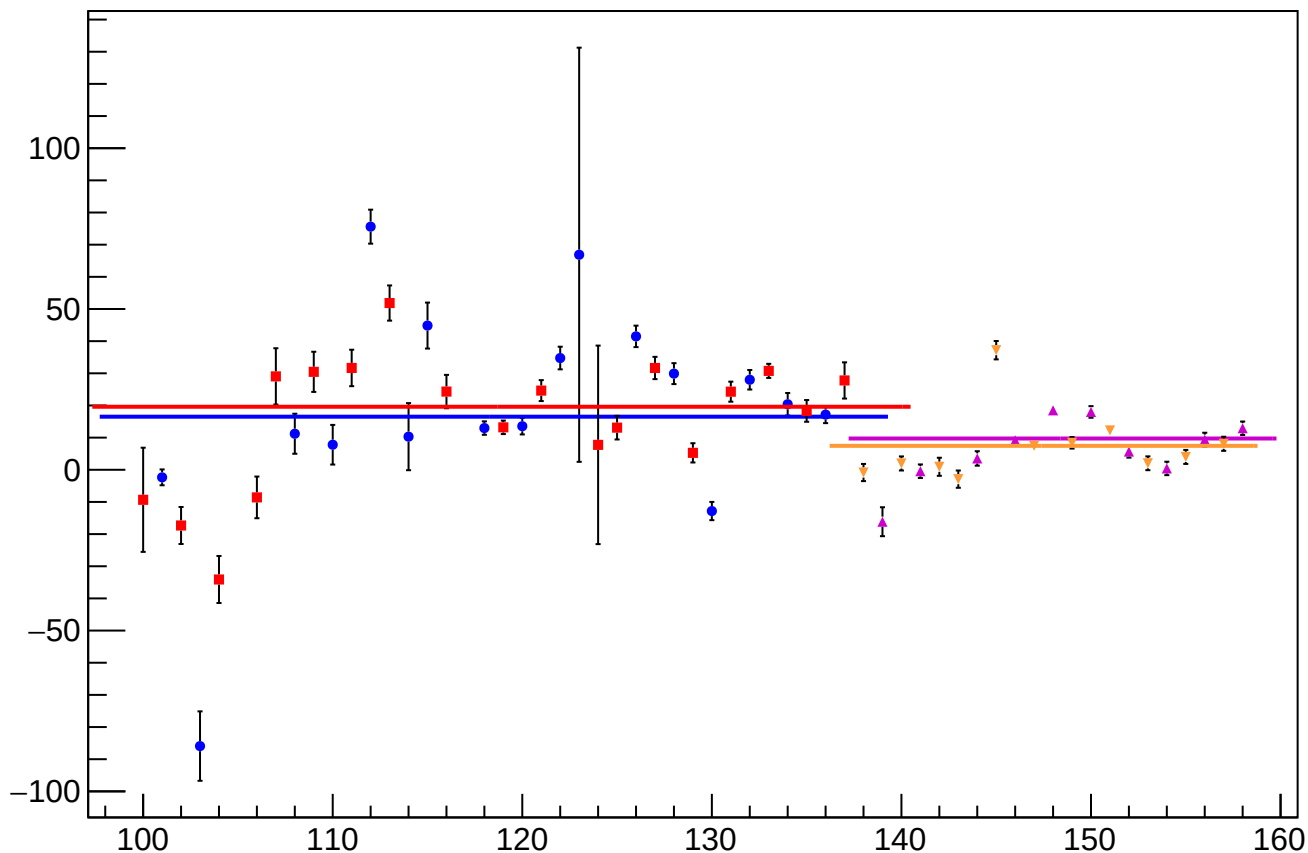
Left In: -36.353+/-0.881 χ^2/NDF : 269.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.314+/-0.627 χ^2/NDF : 1058.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 ± 0.847 $\chi^2/\text{NDF}: 519.6/16$

Left Out: 7.446 ± 0.599 $\chi^2/\text{NDF}: 165.1/10$

Right Out: 19.604 ± 0.898 $\chi^2/\text{NDF}: 242.0/18$

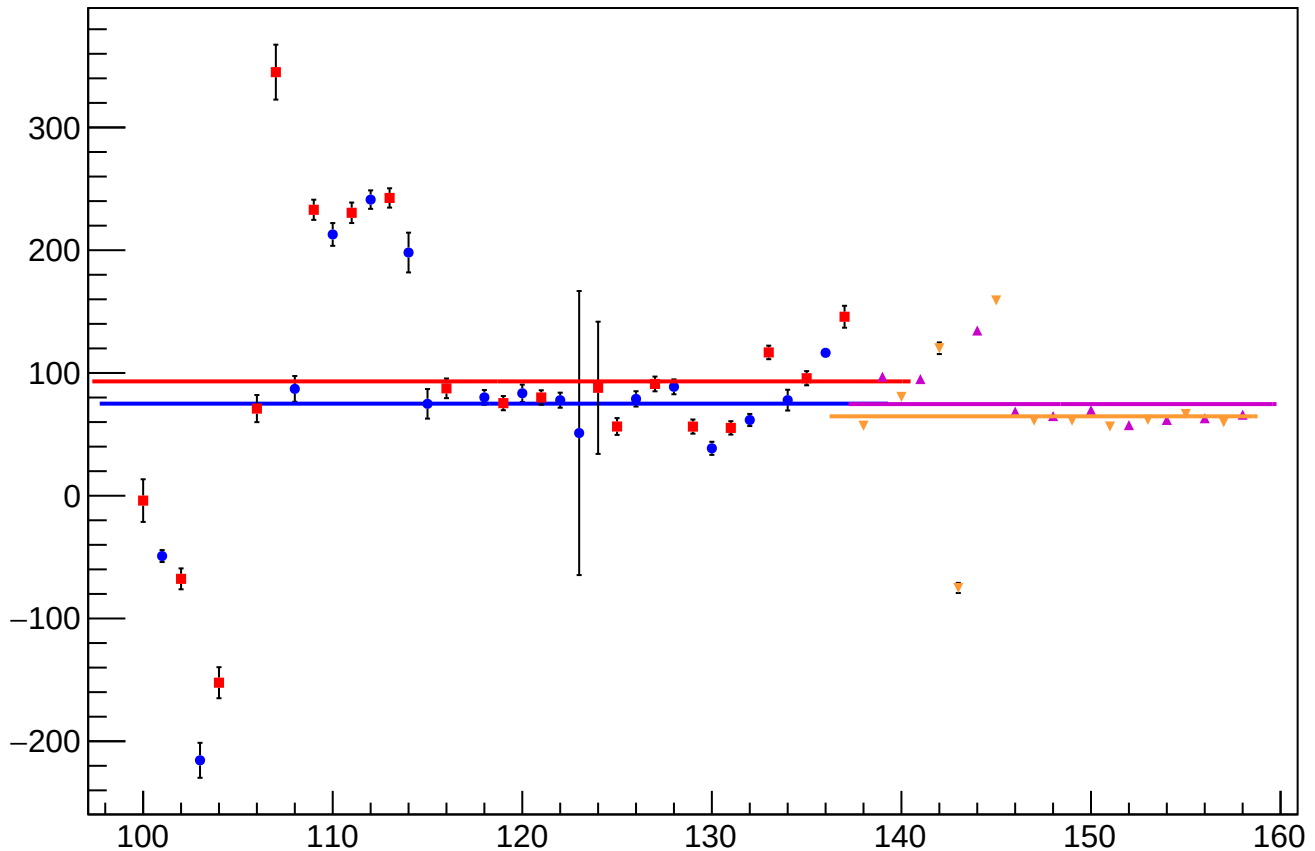
Left In: 9.727 ± 0.601 $\chi^2/\text{NDF}: 156.7/9$

+ sign 10.468 ± 0.489 $\chi^2/\text{NDF}: 761.1/27$

All: 11.600 ± 0.350 $\chi^2/\text{NDF}: 1254.2/56$

- sign 12.779 ± 0.499 $\chi^2/\text{NDF}: 482.2/28$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 64.696 $\pm$ 0.879 χ^2 /NDF: 2105.2/10

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

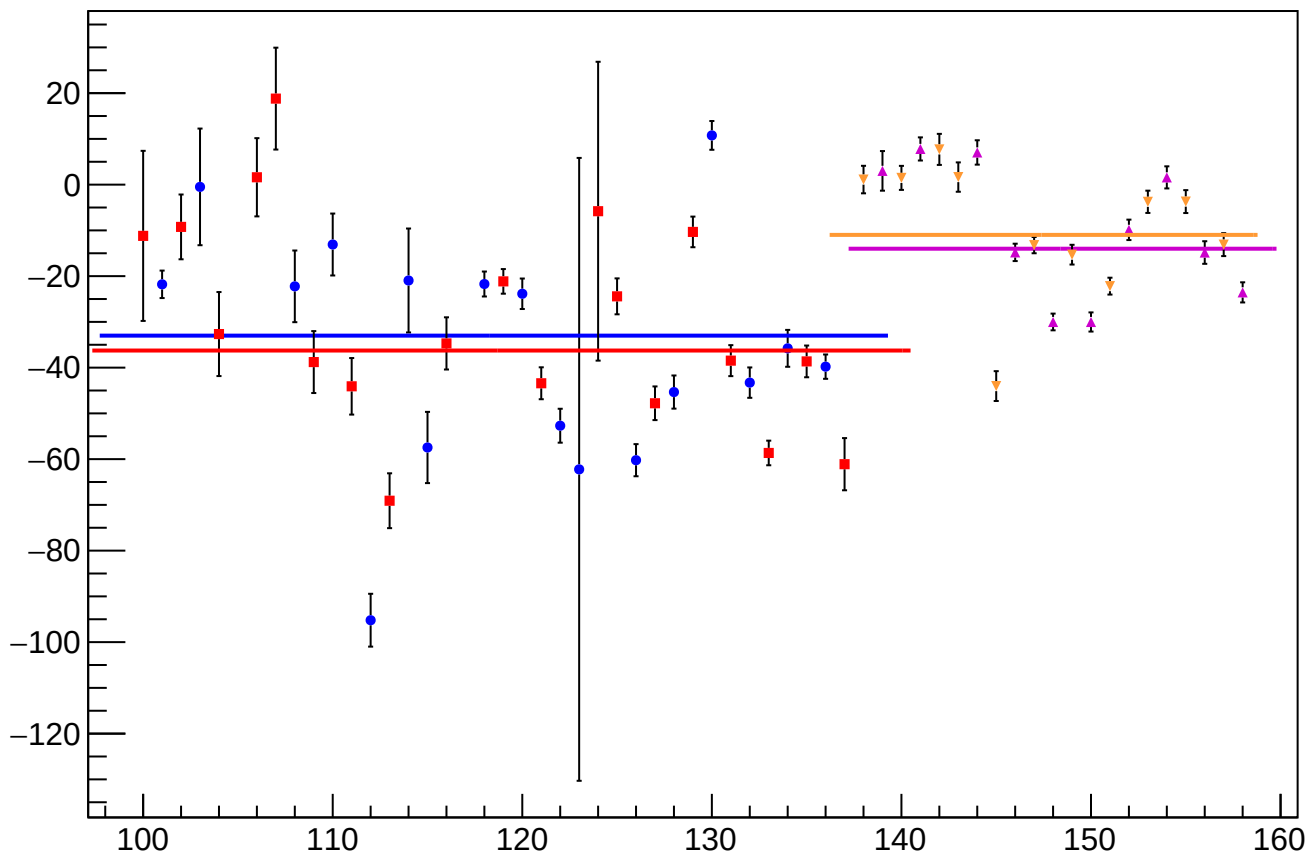
Left In: 74.653 $\pm$ 0.857 χ^2 /NDF: 549.6/9

+ sign 67.006 $\pm$ 0.774 χ^2 /NDF: 4135.4/27

All: 72.742 $\pm$ 0.545 χ^2 /NDF: 6889.2/56

- sign 78.363 $\pm$ 0.767 χ^2 /NDF: 2645.2/28

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.983 ± 0.736 χ^2/NDF : 247.8/10

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

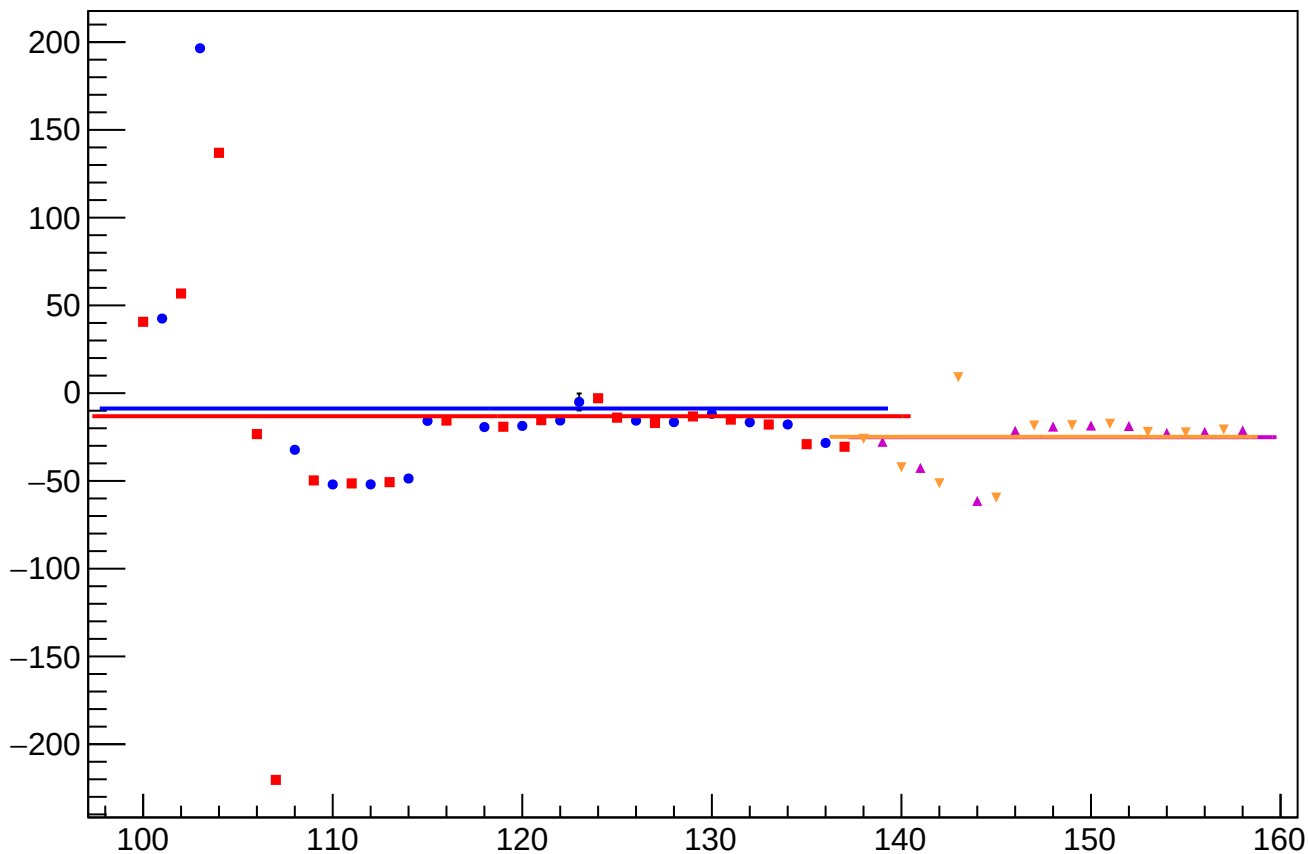
Left In: -14.006 ± 0.726 χ^2/NDF : 351.7/9

+ sign -19.012 ± 0.587 χ^2/NDF : 1067.2/27

All: -20.211 ± 0.417 χ^2/NDF : 2038.3/56

- sign -21.434 ± 0.592 χ^2/NDF : 962.7/28

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -24.863 ± 0.035 $\chi^2/\text{NDF}: 162143.1/10$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

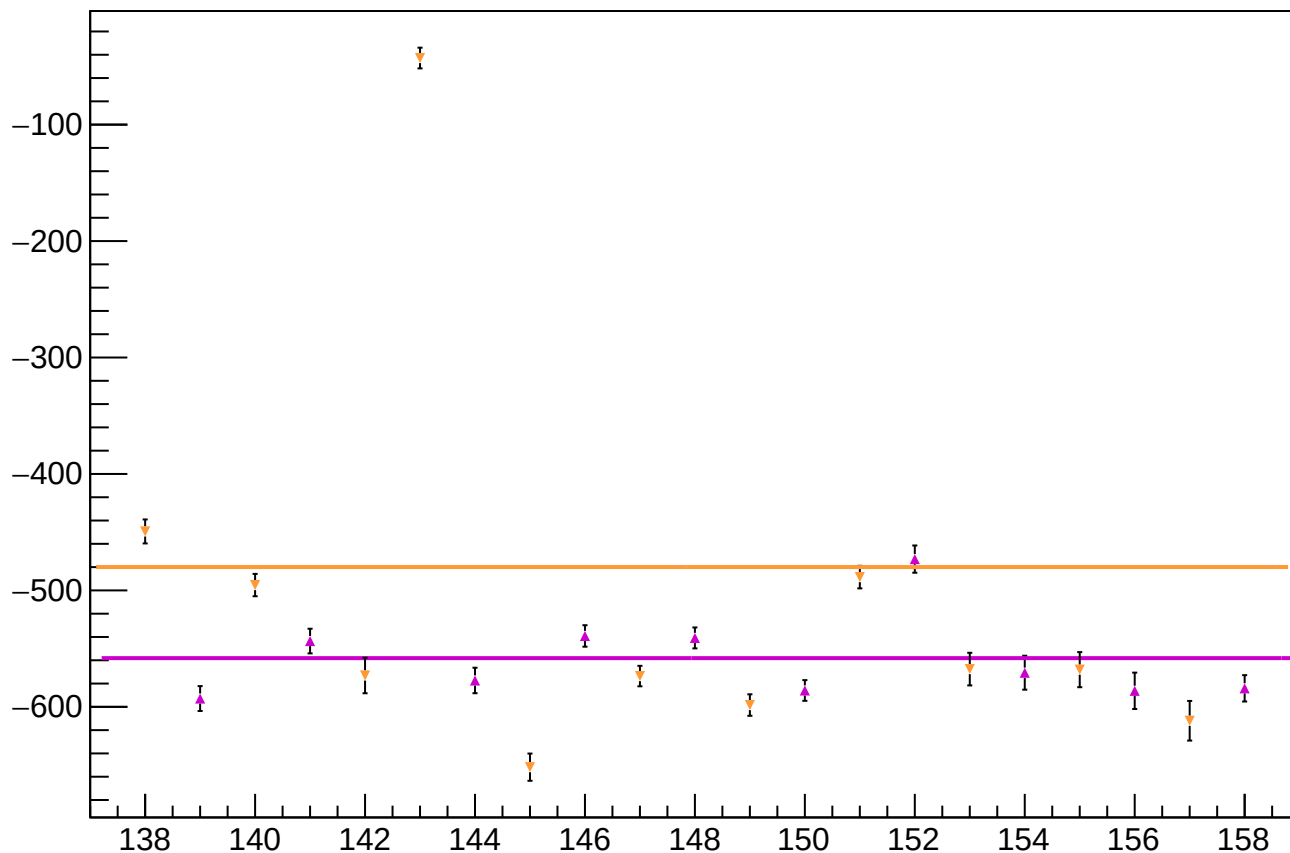
Left In: -25.092 ± 0.034 $\chi^2/\text{NDF}: 95965.2/9$

+ sign -20.677 ± 0.030 $\chi^2/\text{NDF}: 793720.0/27$

All: -21.540 ± 0.021 $\chi^2/\text{NDF}: 1478883.9/56$

- sign -22.373 ± 0.029 $\chi^2/\text{NDF}: 683535.4/28$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -479.950+/-3.282 χ^2/NDF : 3089.9/10

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

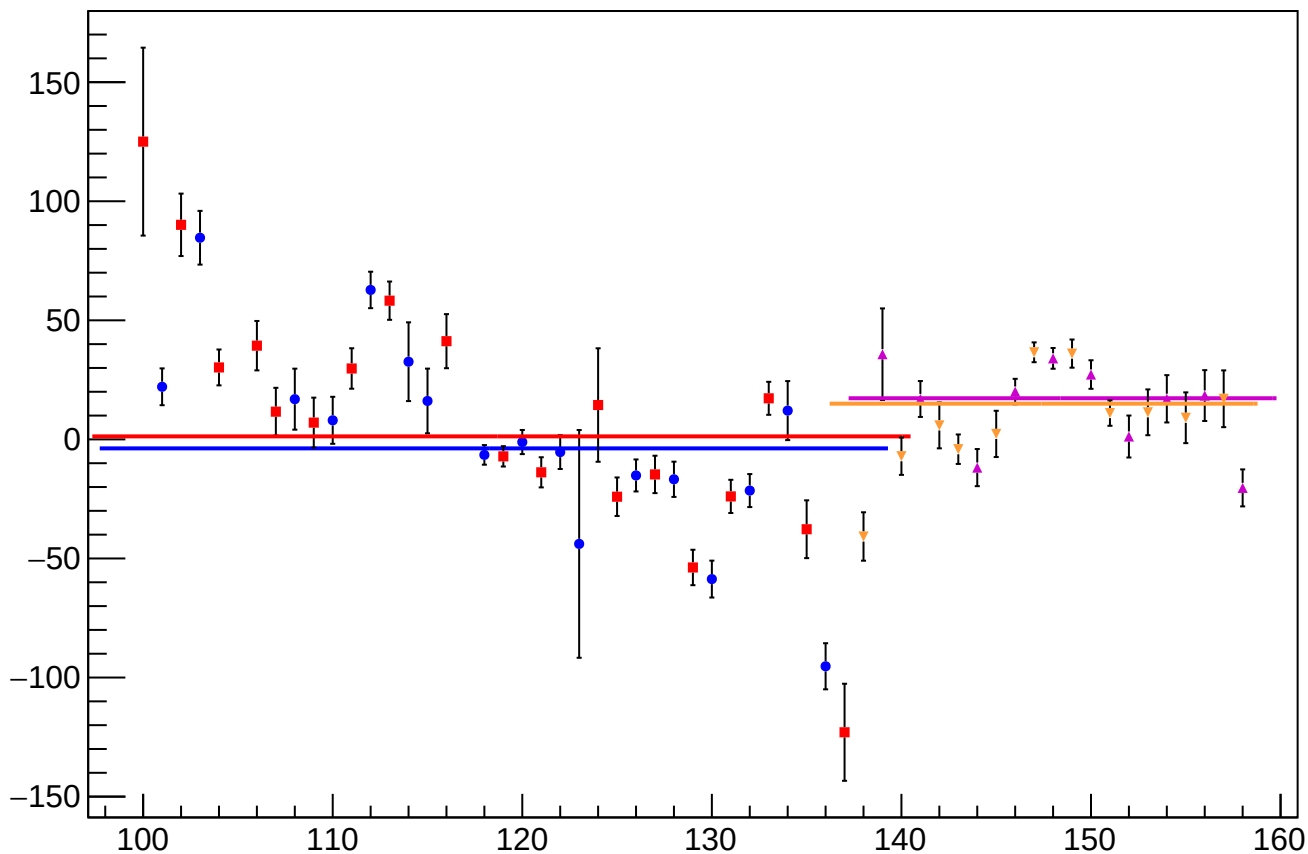
Left In: -558.167+/-3.395 χ^2/NDF : 95.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.739+/-2.360 χ^2/NDF : 3459.7/20

- 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: 15.003 ± 2.125 χ^2/NDF : 90.7/10

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

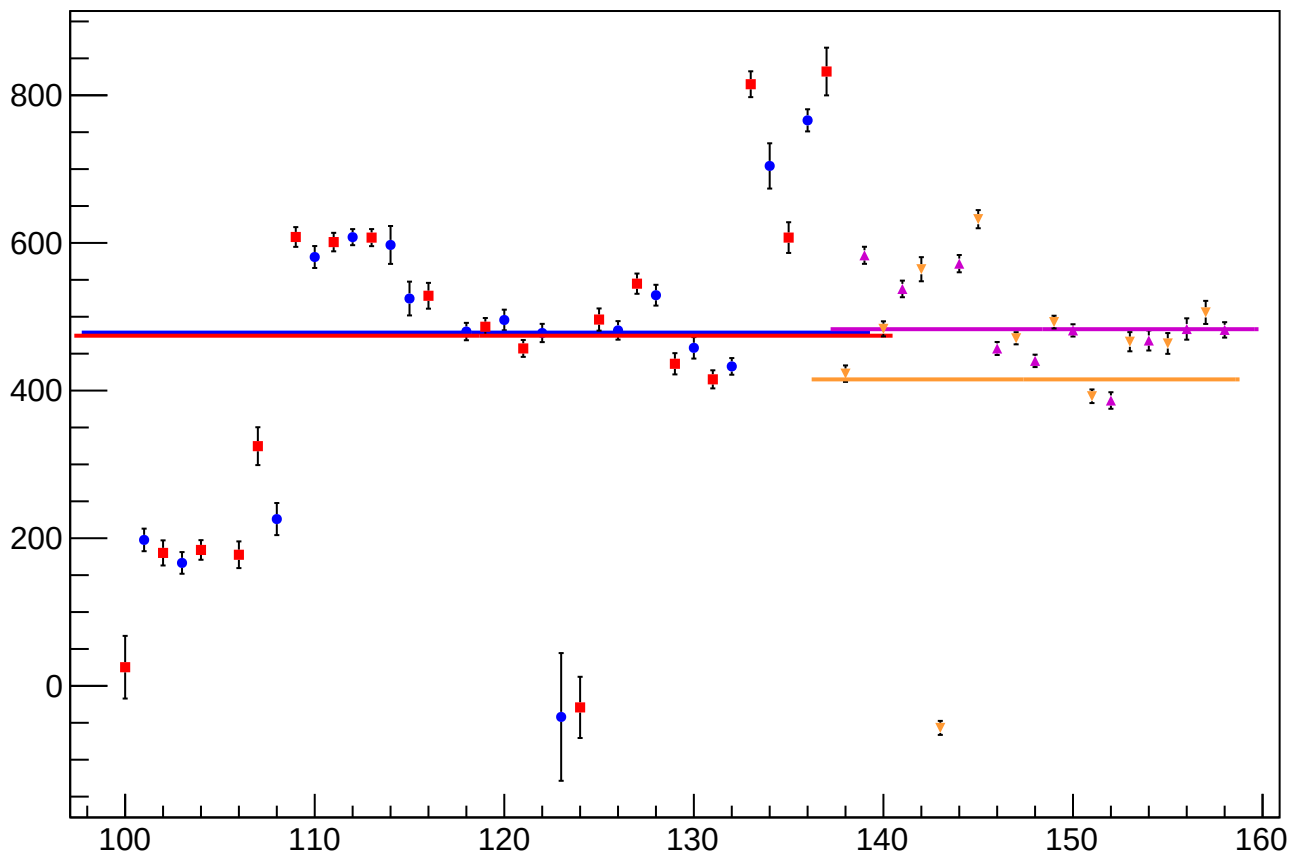
Left In: 17.277 ± 2.233 χ^2/NDF : 59.5/9

+ sign 4.514 ± 1.411 χ^2/NDF : 448.7/27

All: 6.238 ± 1.013 χ^2/NDF : 844.6/56

- sign 8.072 ± 1.456 χ^2/NDF : 392.8/28

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 415.146 $\pm$ 3.259 χ^2 /NDF: 3103.3/10

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

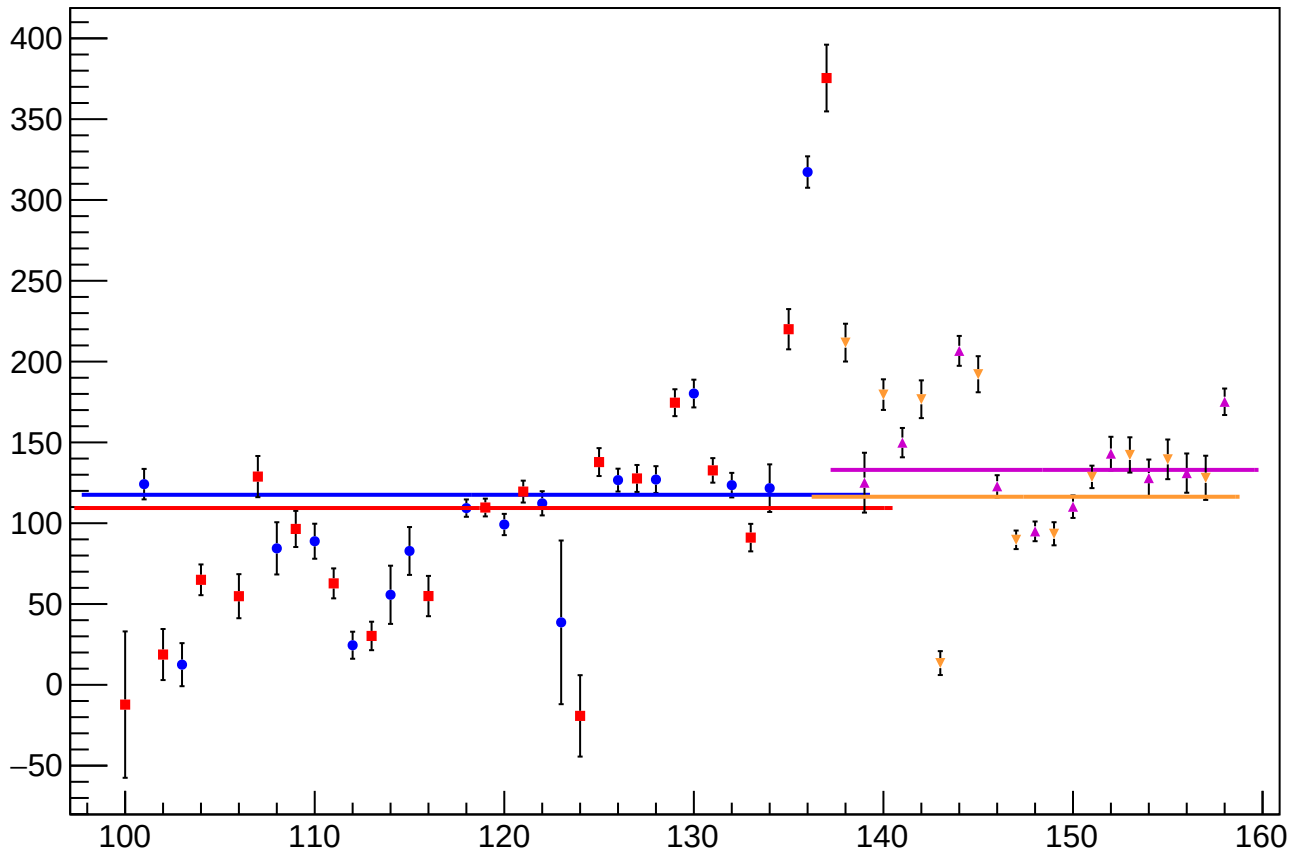
Left In: 483.158 $\pm$ 3.307 χ^2 /NDF: 266.3/9

+ sign 443.437 $\pm$ 2.425 χ^2 /NDF: 4901.1/27

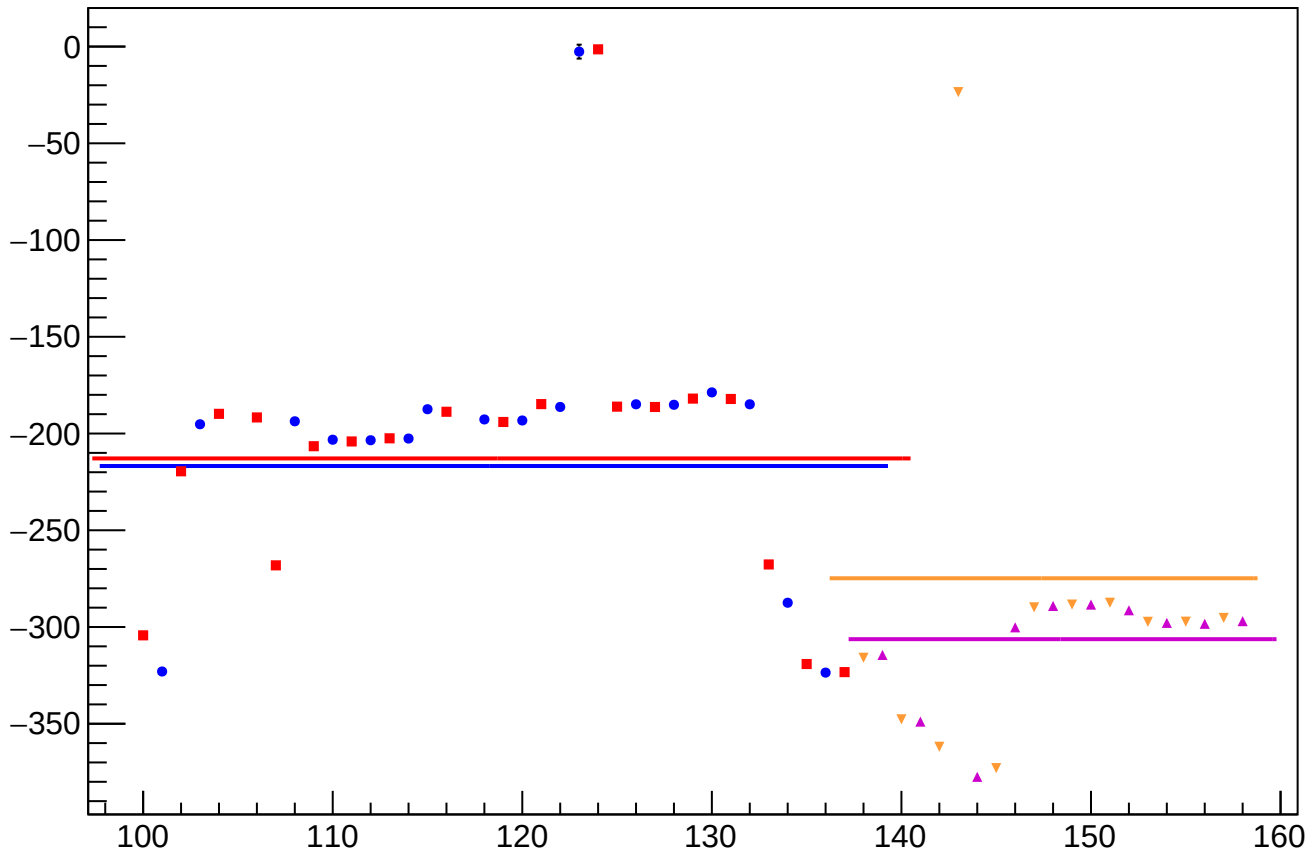
All: 461.318 $\pm$ 1.711 χ^2 /NDF: 7566.0/56

- sign 479.035 $\pm$ 2.414 χ^2 /NDF: 2556.7/28

reg_asym_atl2_diff_bpm4eY_slope vs Slug



reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -274.806 ± 0.134 $\chi^2/\text{NDF}: 540288.0/10$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

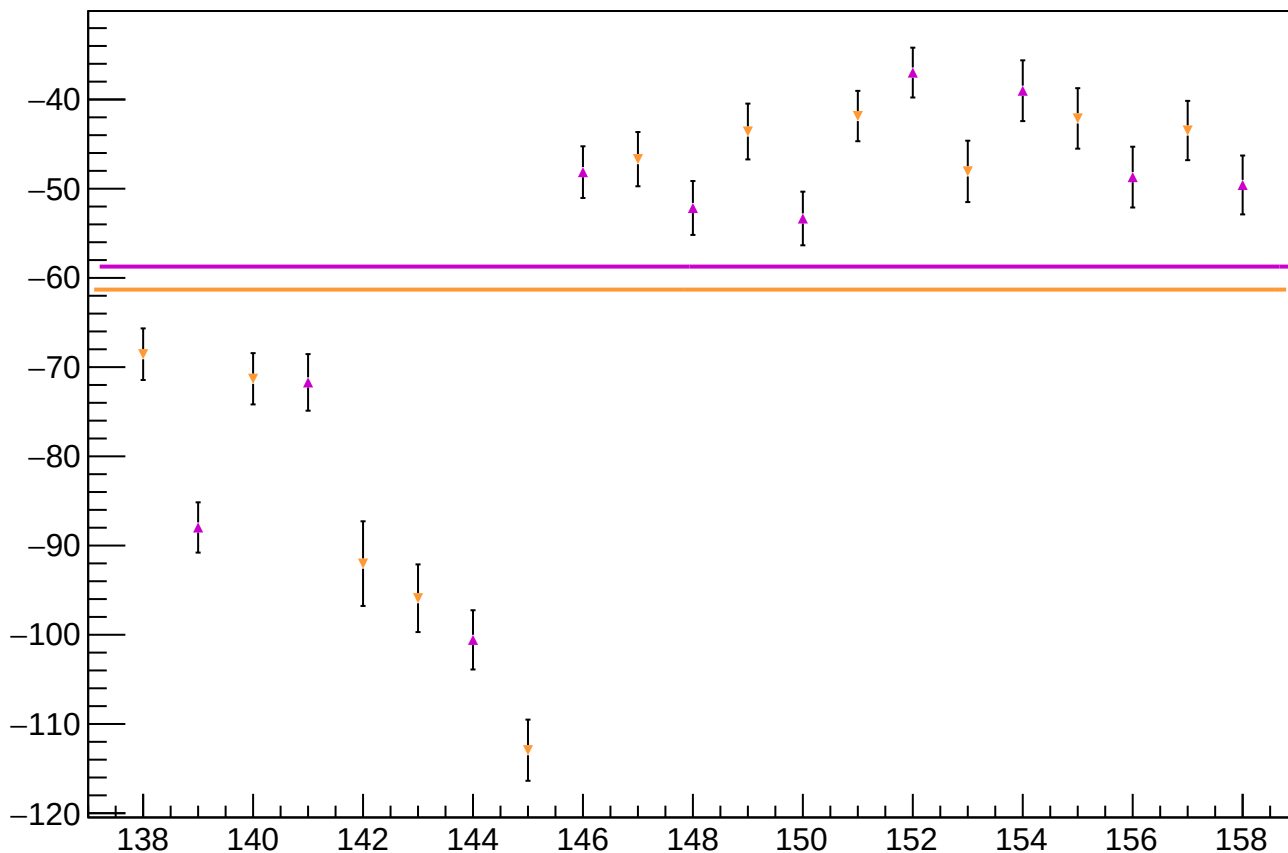
Left In: -306.286 ± 0.132 $\chi^2/\text{NDF}: 35797.1/9$

+ sign -246.230 ± 0.095 $\chi^2/\text{NDF}: 780056.3/27$

All: -252.712 ± 0.066 $\chi^2/\text{NDF}: 1194917.5/56$

- sign -258.861 ± 0.093 $\chi^2/\text{NDF}: 405828.9/28$

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -61.308+/-0.982 χ^2/NDF : 548.7/10

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

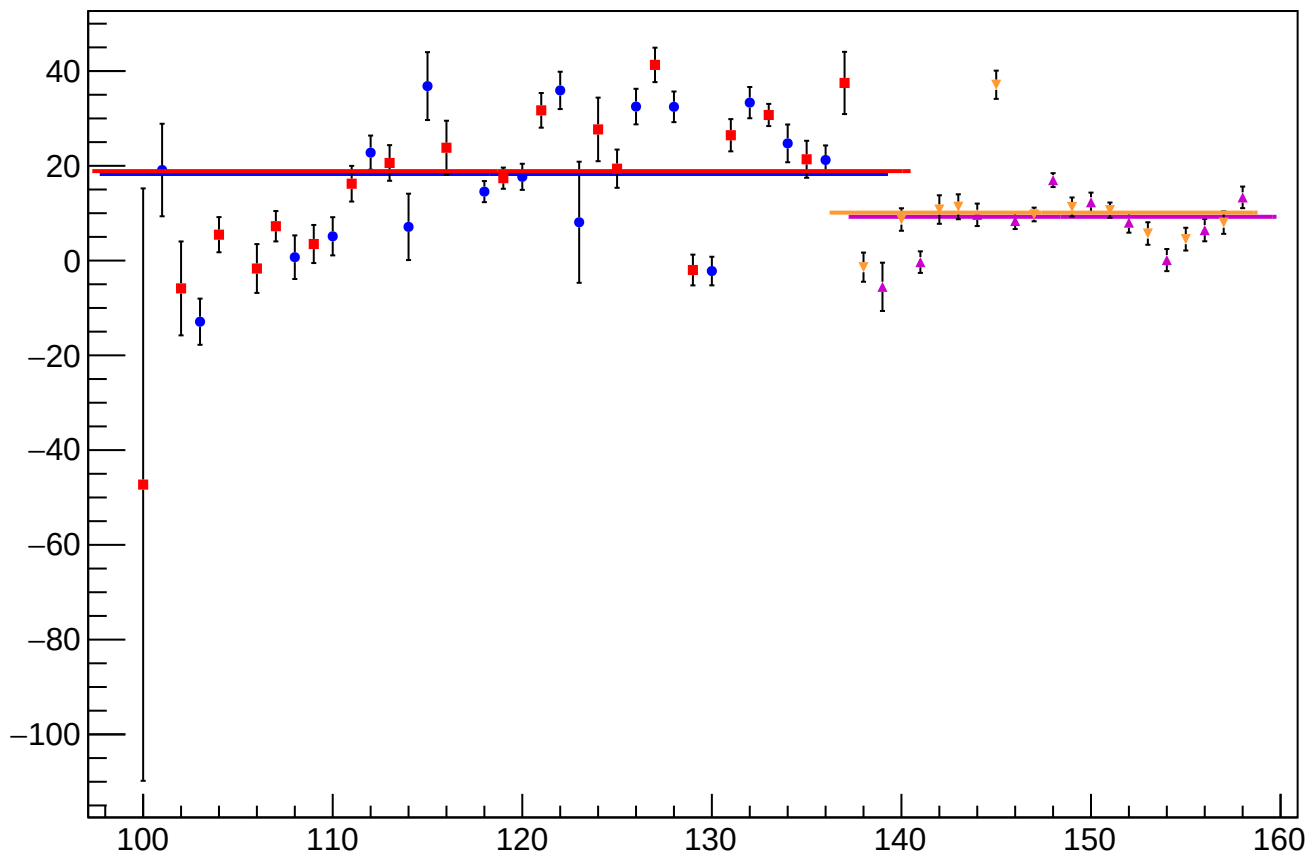
Left In: -58.730+/-0.977 χ^2/NDF : 415.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.013+/-0.692 χ^2/NDF : 967.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 10.122 ± 0.660 χ^2/NDF : 106.7/10

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

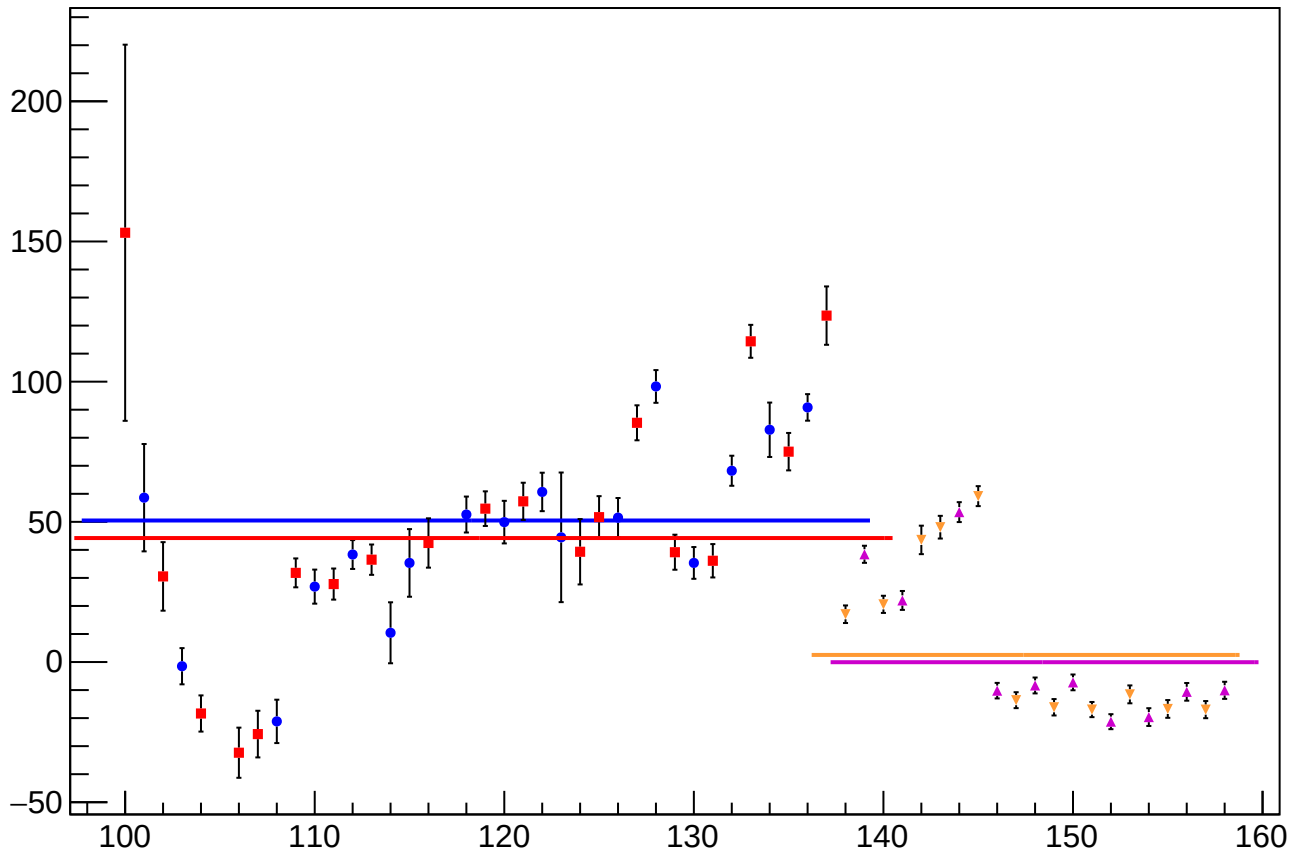
Left In: 9.244 ± 0.668 χ^2/NDF : 76.8/9

+ sign 12.953 ± 0.533 χ^2/NDF : 364.3/27

All: 12.901 ± 0.376 χ^2/NDF : 717.4/56

- sign 12.850 ± 0.529 χ^2/NDF : 353.1/28

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 ± 1.668 $\chi^2/\text{NDF}: 357.9/16$

Left Out: 2.533 ± 0.967 $\chi^2/\text{NDF}: 723.2/10$

Right Out: 44.222 ± 1.602 $\chi^2/\text{NDF}: 534.4/18$

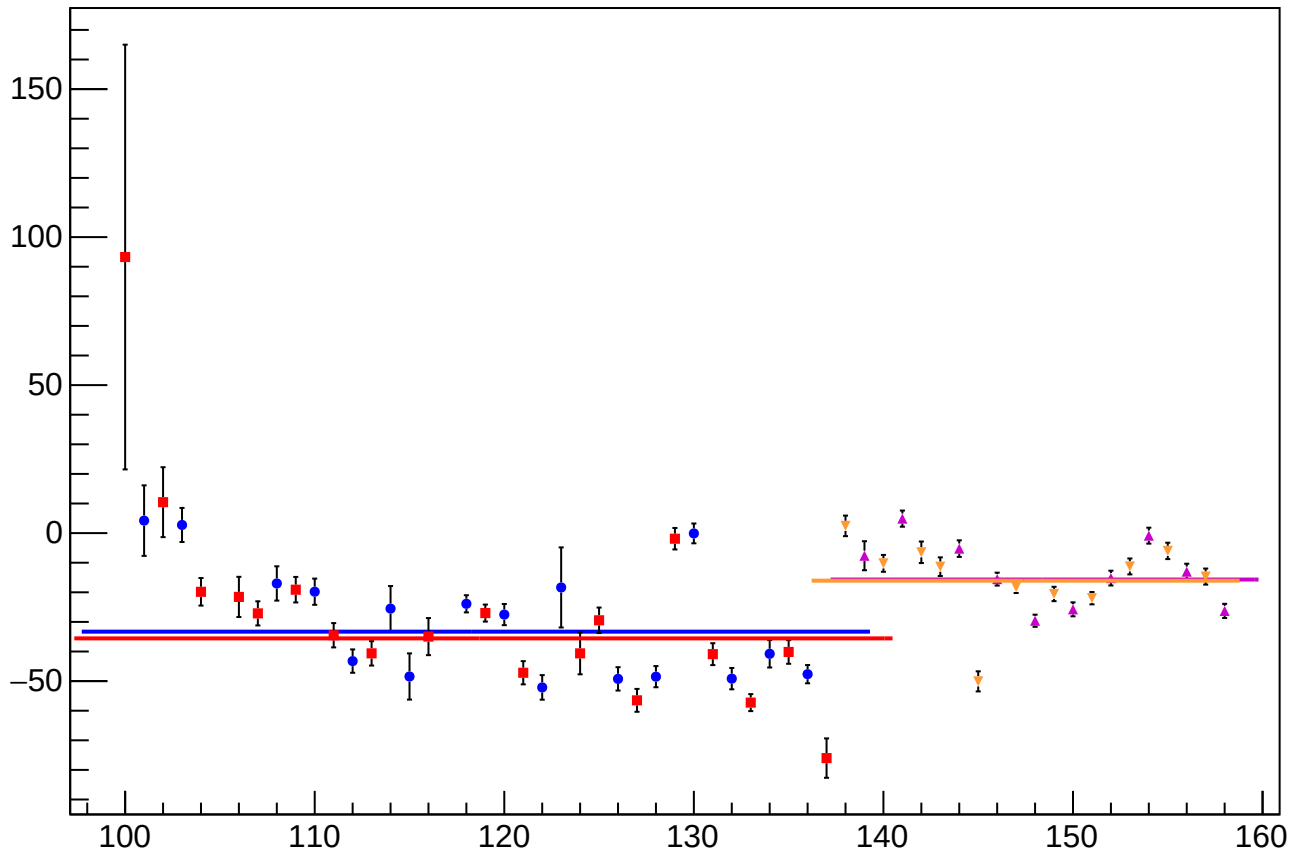
Left In: -0.061 ± 0.952 $\chi^2/\text{NDF}: 580.9/9$

+ sign 14.593 ± 0.836 $\chi^2/\text{NDF}: 1699.6/27$

All: 13.007 ± 0.585 $\chi^2/\text{NDF}: 3386.4/56$

- sign 11.489 ± 0.818 $\chi^2/\text{NDF}: 1679.8/28$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.066 ± 0.810 χ^2/NDF : 171.5/10

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

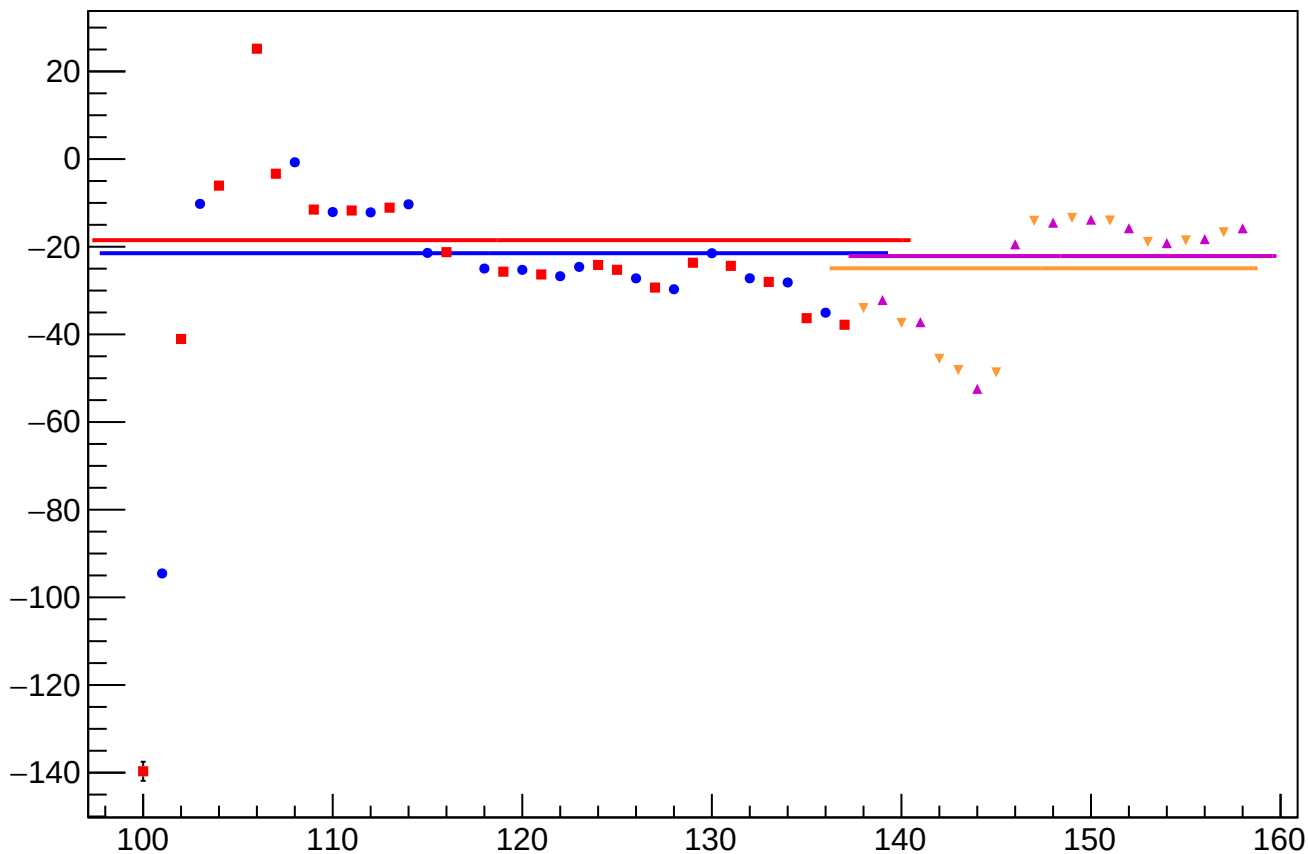
Left In: -15.684 ± 0.805 χ^2/NDF : 188.5/9

+ sign -22.621 ± 0.637 χ^2/NDF : 632.9/27

All: -23.108 ± 0.446 χ^2/NDF : 1352.1/56

- sign -23.578 ± 0.625 χ^2/NDF : 718.1/28

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -24.914 ± 0.038 $\chi^2/\text{NDF}: 109754.6/10$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

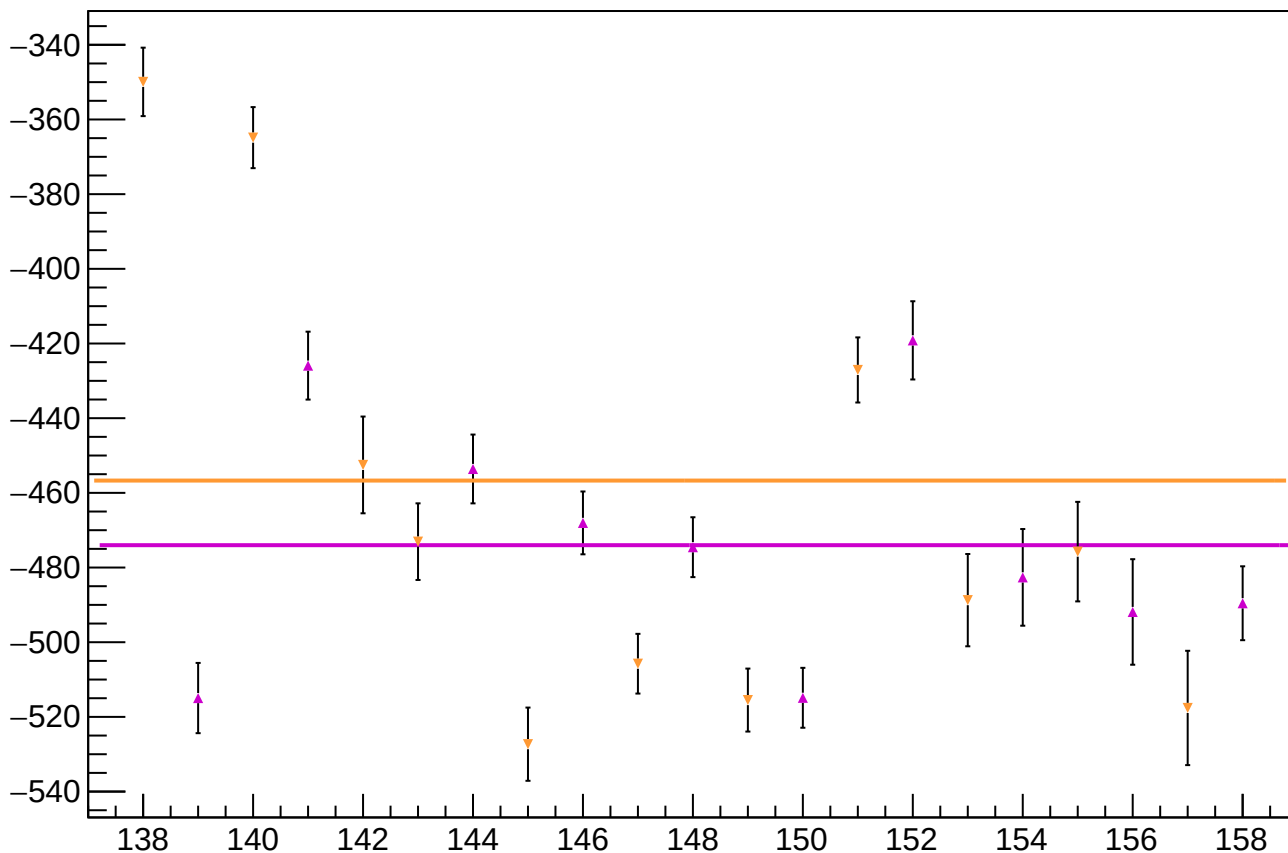
Left In: -22.127 ± 0.037 $\chi^2/\text{NDF}: 77252.0/9$

+ sign -23.889 ± 0.032 $\chi^2/\text{NDF}: 161172.8/27$

All: -22.434 ± 0.022 $\chi^2/\text{NDF}: 325978.6/56$

- sign -21.056 ± 0.031 $\chi^2/\text{NDF}: 160793.3/28$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -456.706+/-2.988 χ^2/NDF : 438.8/10

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

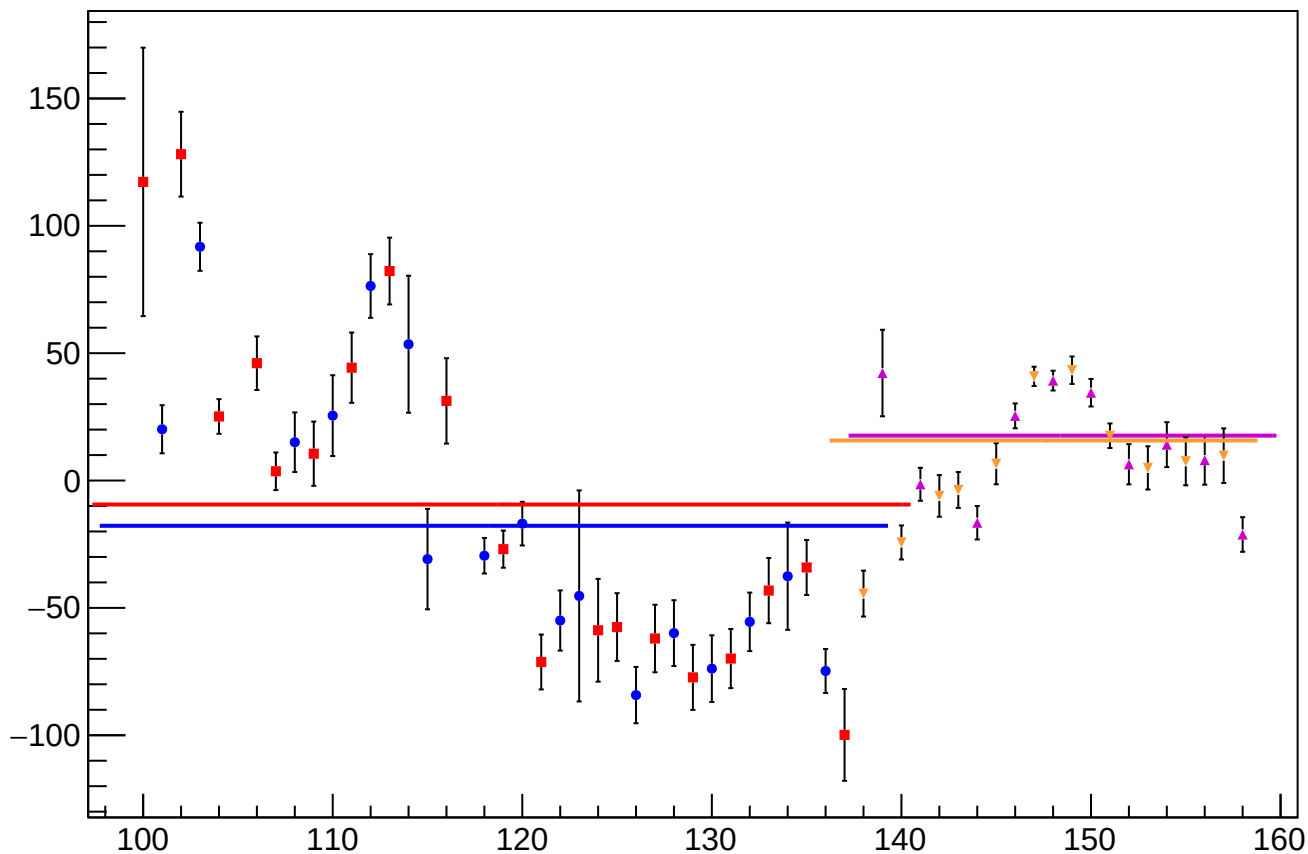
Left In: -474.012+/-3.006 χ^2/NDF : 110.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.308+/-2.119 χ^2/NDF : 565.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 $\chi^2/\text{NDF}: 363.9/16$

Left Out: 15.716 ± 1.938 $\chi^2/\text{NDF}: 169.4/10$

Right Out: -9.417 ± 2.613 $\chi^2/\text{NDF}: 369.6/18$

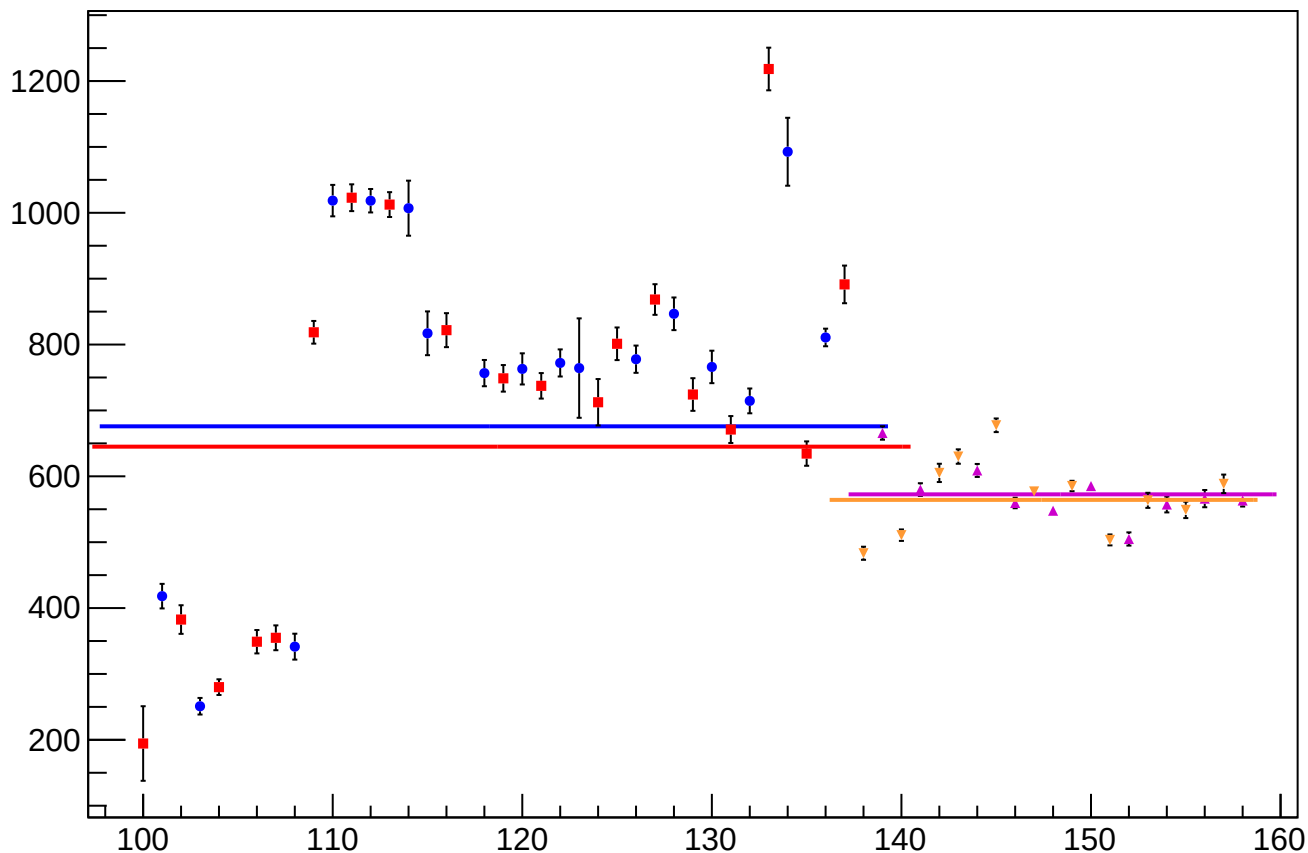
Left In: 17.639 ± 1.983 $\chi^2/\text{NDF}: 116.9/9$

+ sign 4.771 ± 1.590 $\chi^2/\text{NDF}: 630.8/27$

All: 6.271 ± 1.121 $\chi^2/\text{NDF}: 1187.0/56$

- sign 7.752 ± 1.580 $\chi^2/\text{NDF}: 554.5/28$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 χ^2/NDF : 2586.4/16

Left Out: 564.220 ± 2.964 χ^2/NDF : 337.1/10

Right Out: 645.014 ± 4.761 χ^2/NDF : 3123.3/18

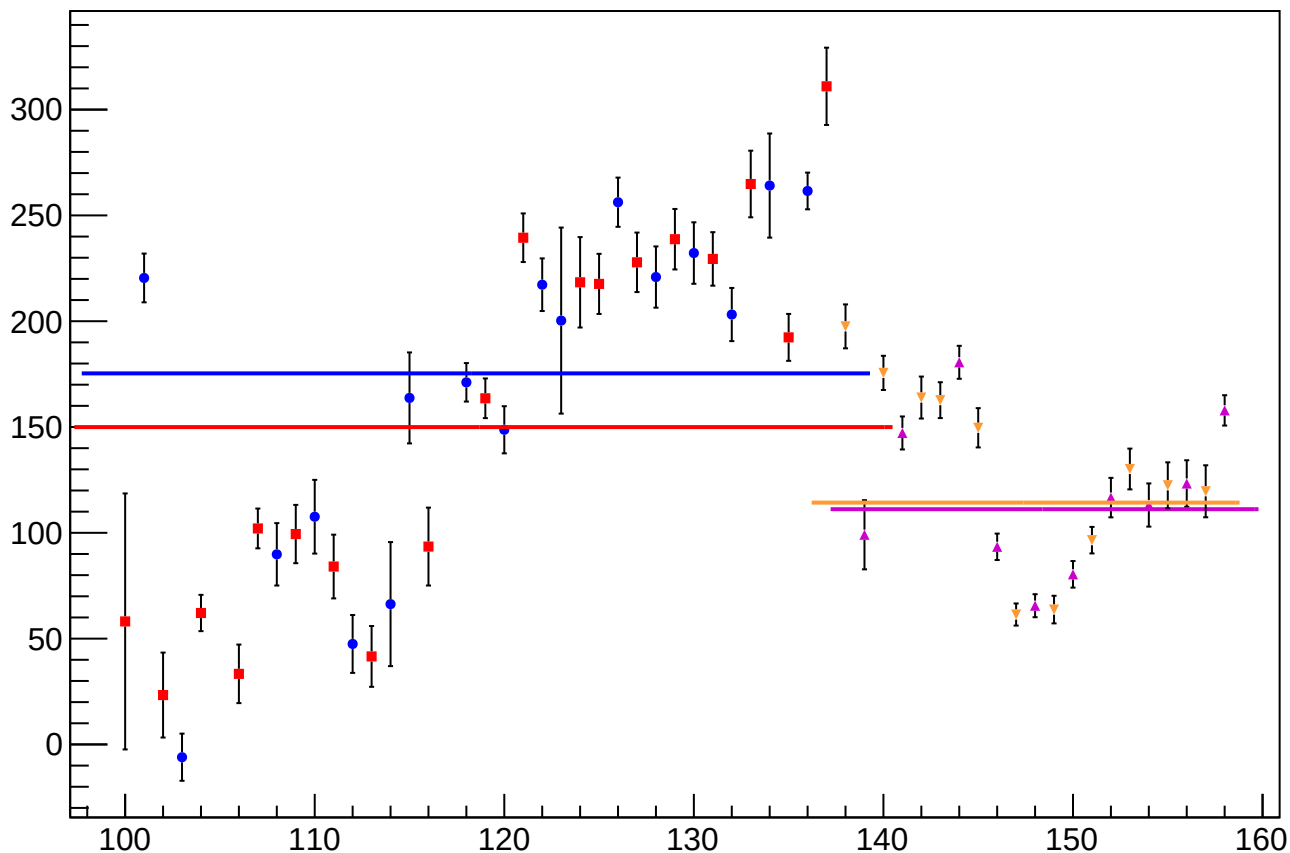
Left In: 572.625 ± 2.933 χ^2/NDF : 162.8/9

+ sign 592.932 ± 2.554 χ^2/NDF : 3288.5/27

All: 592.731 ± 1.786 χ^2/NDF : 6742.1/56

- sign 592.539 ± 2.497 χ^2/NDF : 3453.6/28

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 114.283 $\pm$ 2.413 χ^2 /NDF: 368.1/10

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

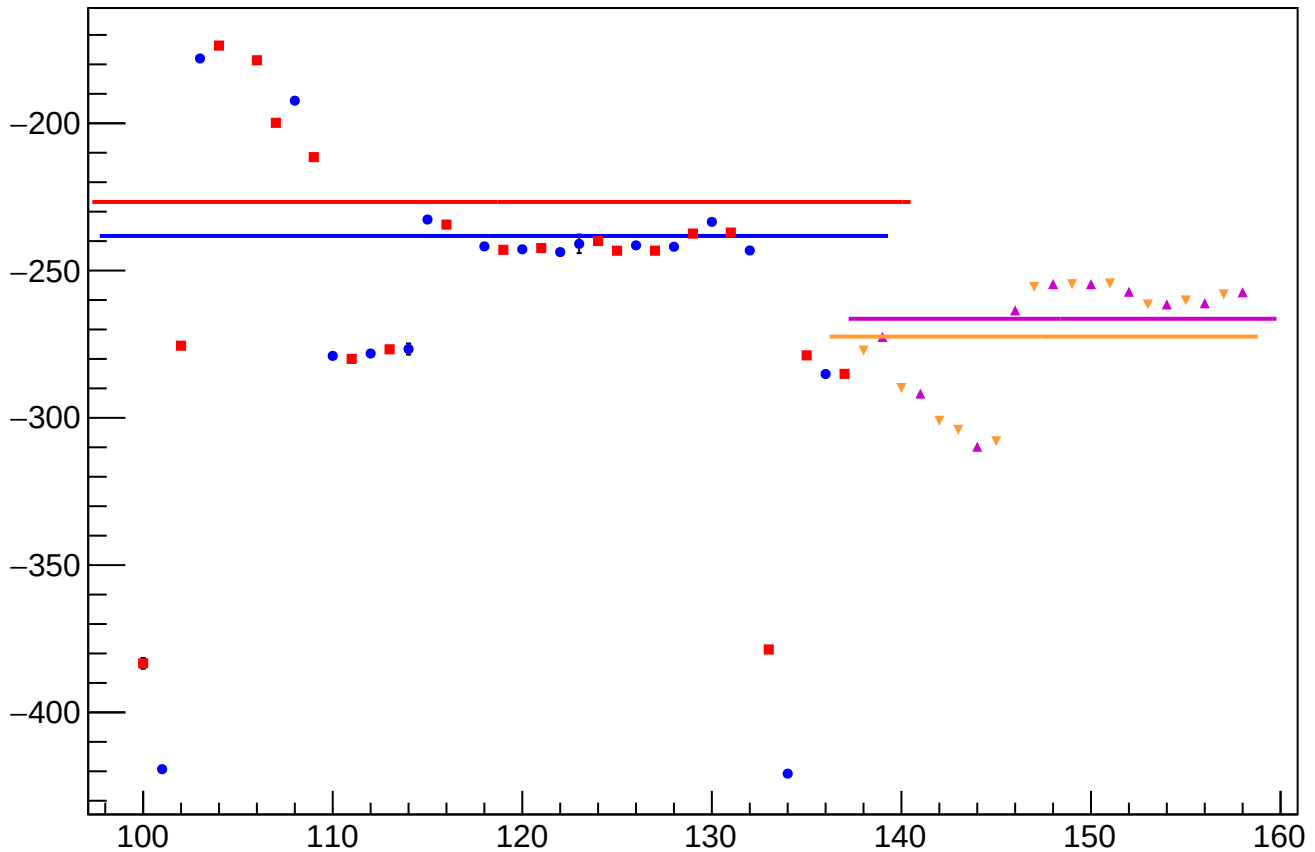
Left In: 111.165 $\pm$ 2.423 χ^2 /NDF: 247.9/9

+ sign 136.388 $\pm$ 1.927 χ^2 /NDF: 1238.4/27

All: 131.214 $\pm$ 1.352 χ^2 /NDF: 2293.1/56

- sign 126.206 $\pm$ 1.896 χ^2 /NDF: 1040.5/28

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 $\pm$ 0.160 χ^2 /NDF: 167125.9/16

Left Out: -272.410 $\pm$ 0.122 χ^2 /NDF: 27551.4/10

Right Out: -226.706 $\pm$ 0.151 χ^2 /NDF: 102831.3/18

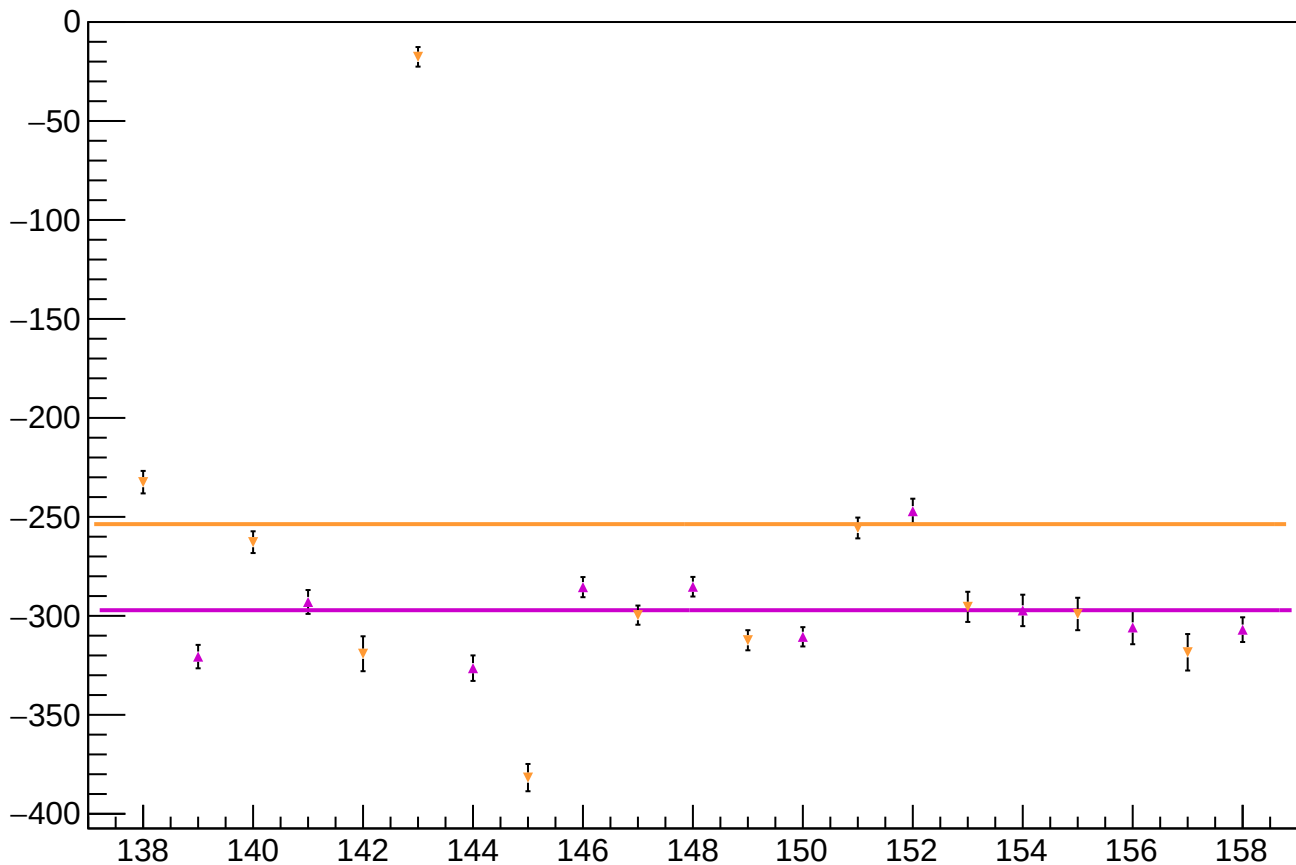
Left In: -266.372 $\pm$ 0.117 χ^2 /NDF: 18984.2/9

+ sign -259.897 $\pm$ 0.097 χ^2 /NDF: 223594.7/27

All: -255.500 $\pm$ 0.067 χ^2 /NDF: 392396.7/56

- sign -251.475 $\pm$ 0.093 χ^2 /NDF: 164848.9/28

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -253.661+/-1.824 χ^2/NDF : 3028.6/10

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

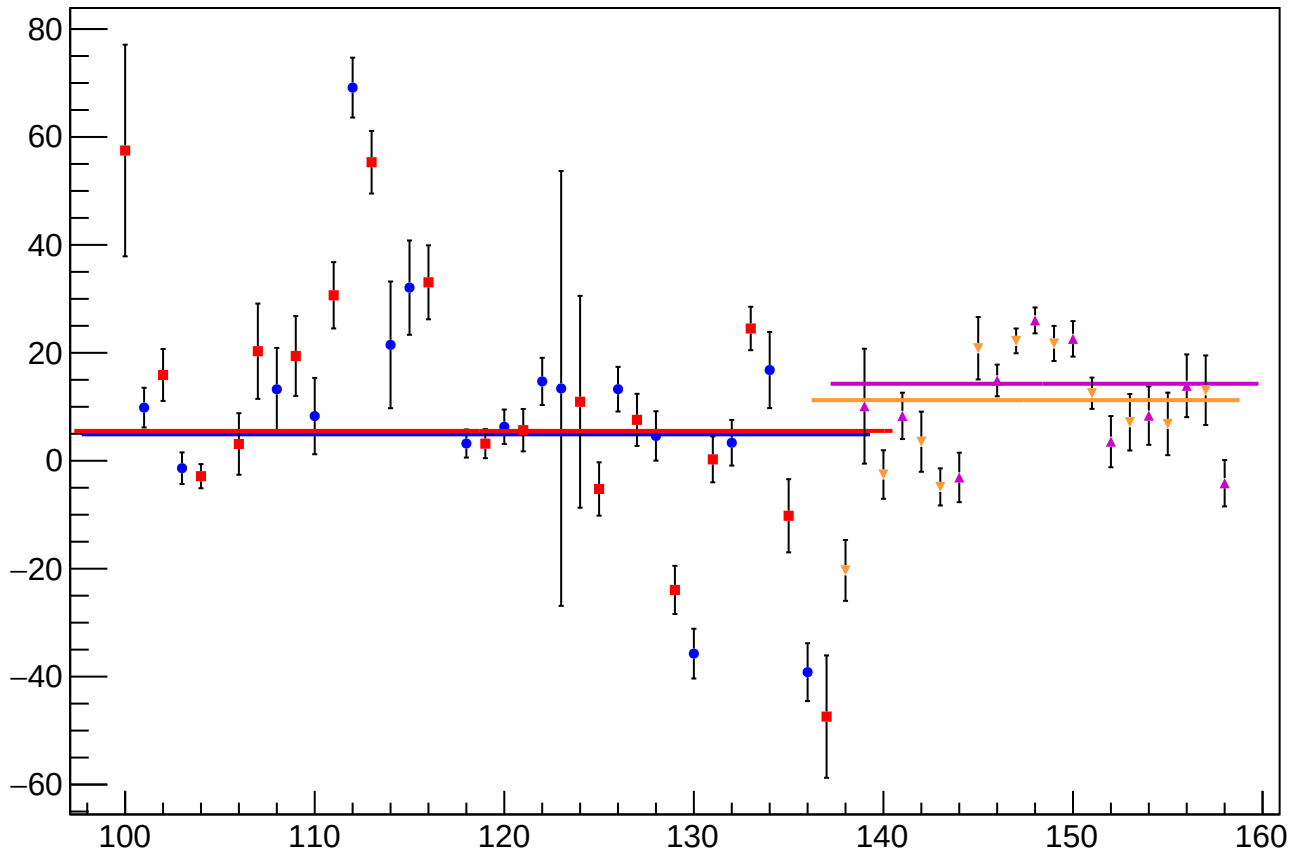
Left In: -297.144+/-1.882 χ^2/NDF : 122.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.726+/-1.310 χ^2/NDF : 3426.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: 11.232 ± 1.177 χ^2/NDF : 102.0/10

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

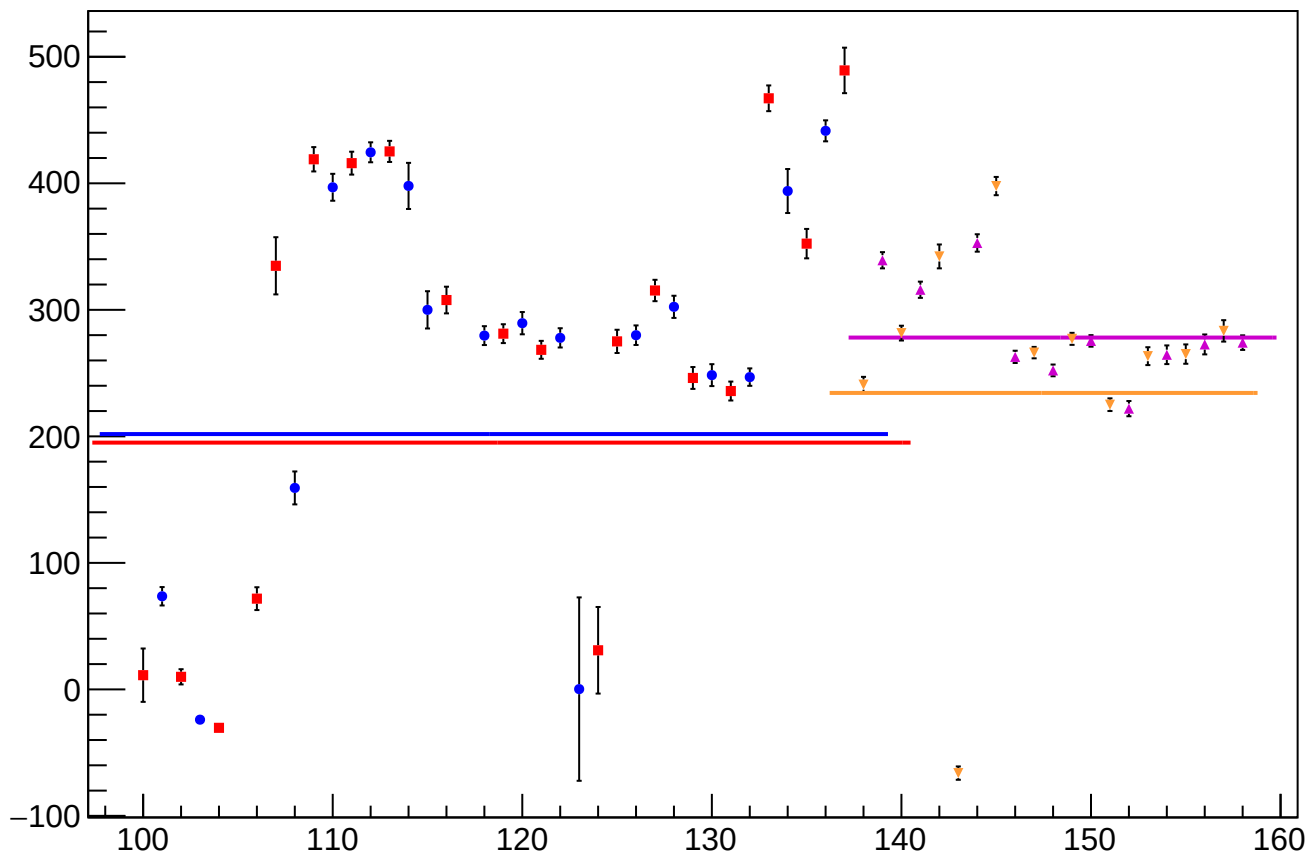
Left In: 14.270 ± 1.235 χ^2/NDF : 71.6/9

+ sign 7.818 ± 0.799 χ^2/NDF : 429.6/27

All: 8.542 ± 0.569 χ^2/NDF : 770.5/56

- sign 9.284 ± 0.809 χ^2/NDF : 339.3/28

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 234.327 $\pm$ 1.808 χ^2 /NDF: 4148.7/10

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

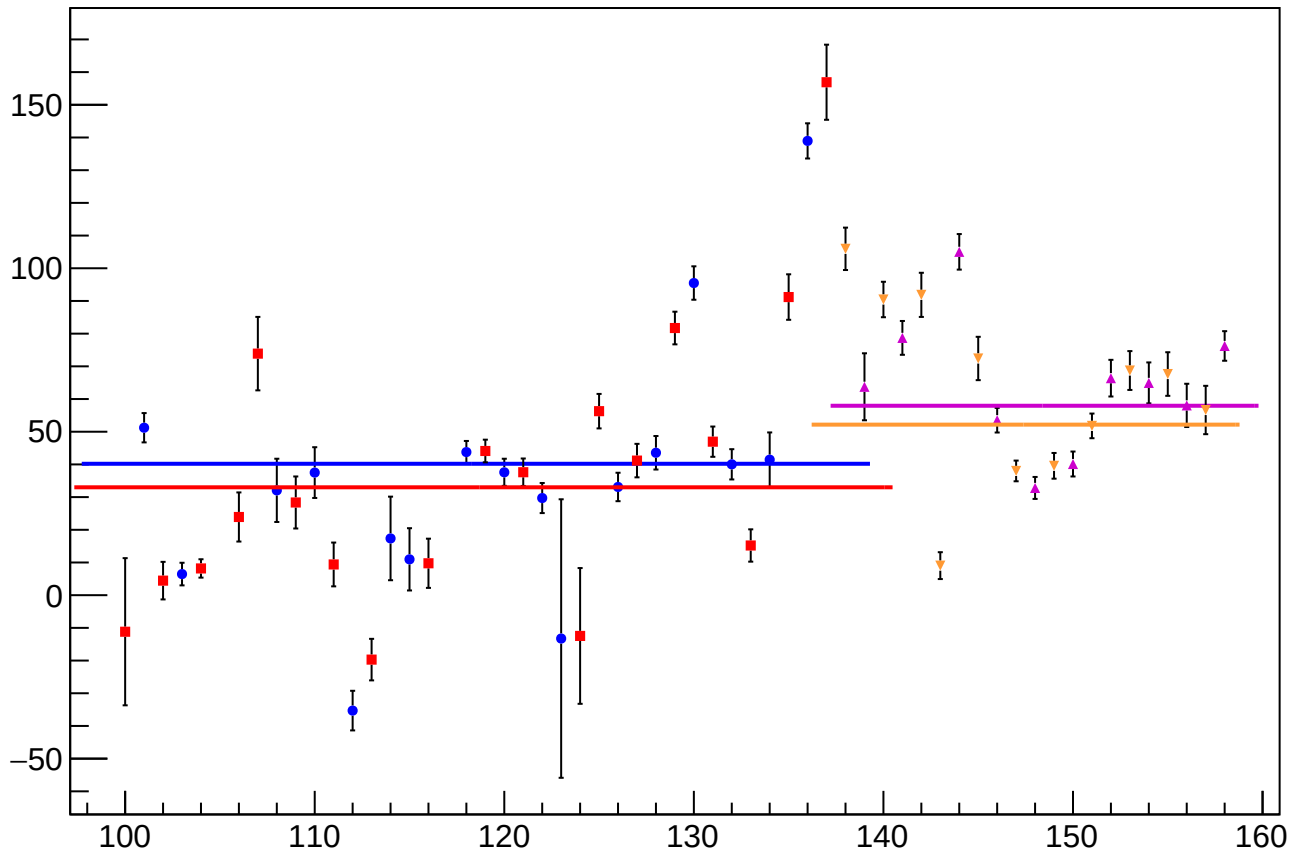
Left In: 278.087 $\pm$ 1.829 χ^2 /NDF: 376.3/9

+ sign 219.467 $\pm$ 1.332 χ^2 /NDF: 11050.9/27

All: 229.112 $\pm$ 0.940 χ^2 /NDF: 20766.6/56

- sign 238.669 $\pm$ 1.326 χ^2 /NDF: 9611.3/28

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 52.168 $\pm$ 1.466 χ^2 /NDF: 316.5/10

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

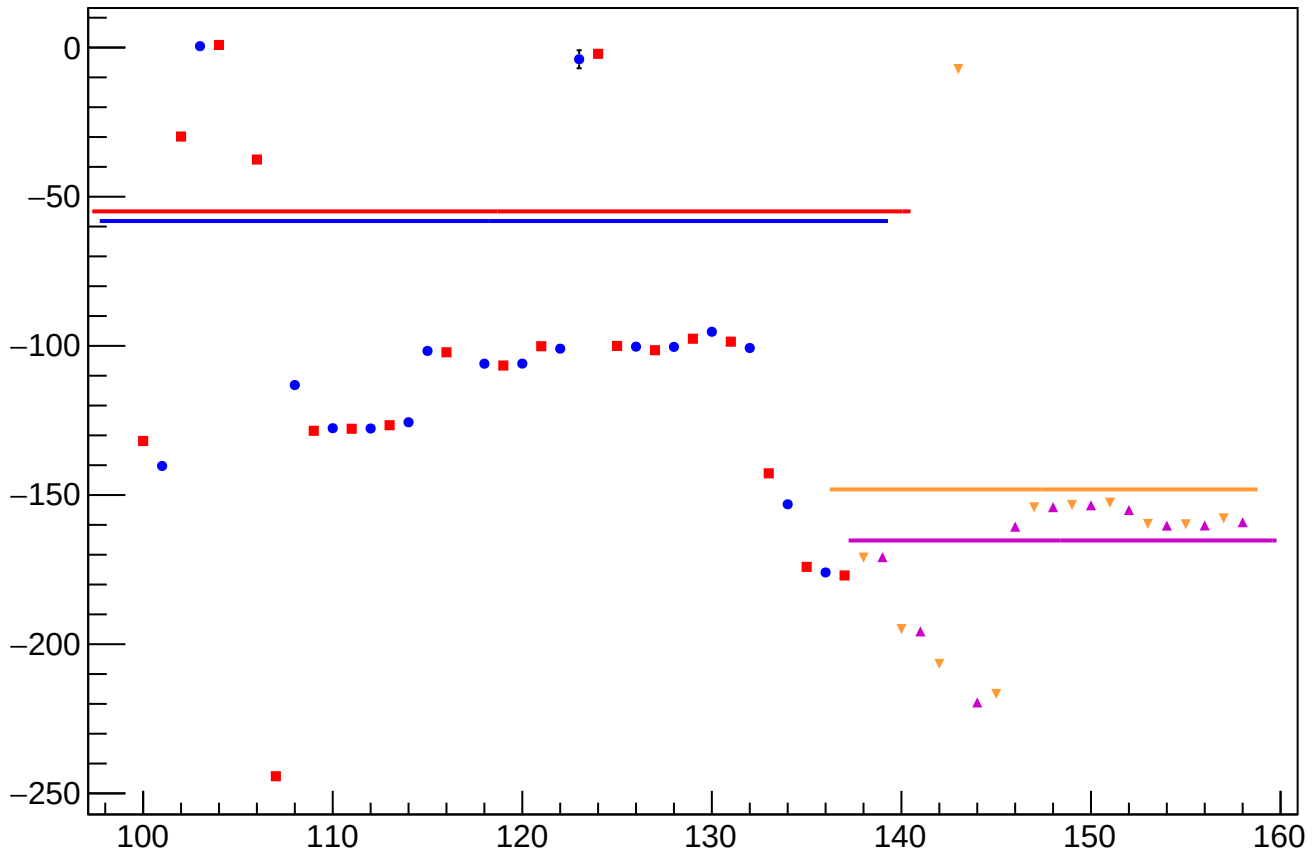
Left In: 57.944 $\pm$ 1.512 χ^2 /NDF: 190.4/9

+ sign 45.319 $\pm$ 0.959 χ^2 /NDF: 1089.6/27

All: 44.243 $\pm$ 0.680 χ^2 /NDF: 1998.1/56

- sign 43.154 $\pm$ 0.964 χ^2 /NDF: 906.0/28

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -148.126 ± 0.074 $\chi^2/\text{NDF}: 575991.5/10$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

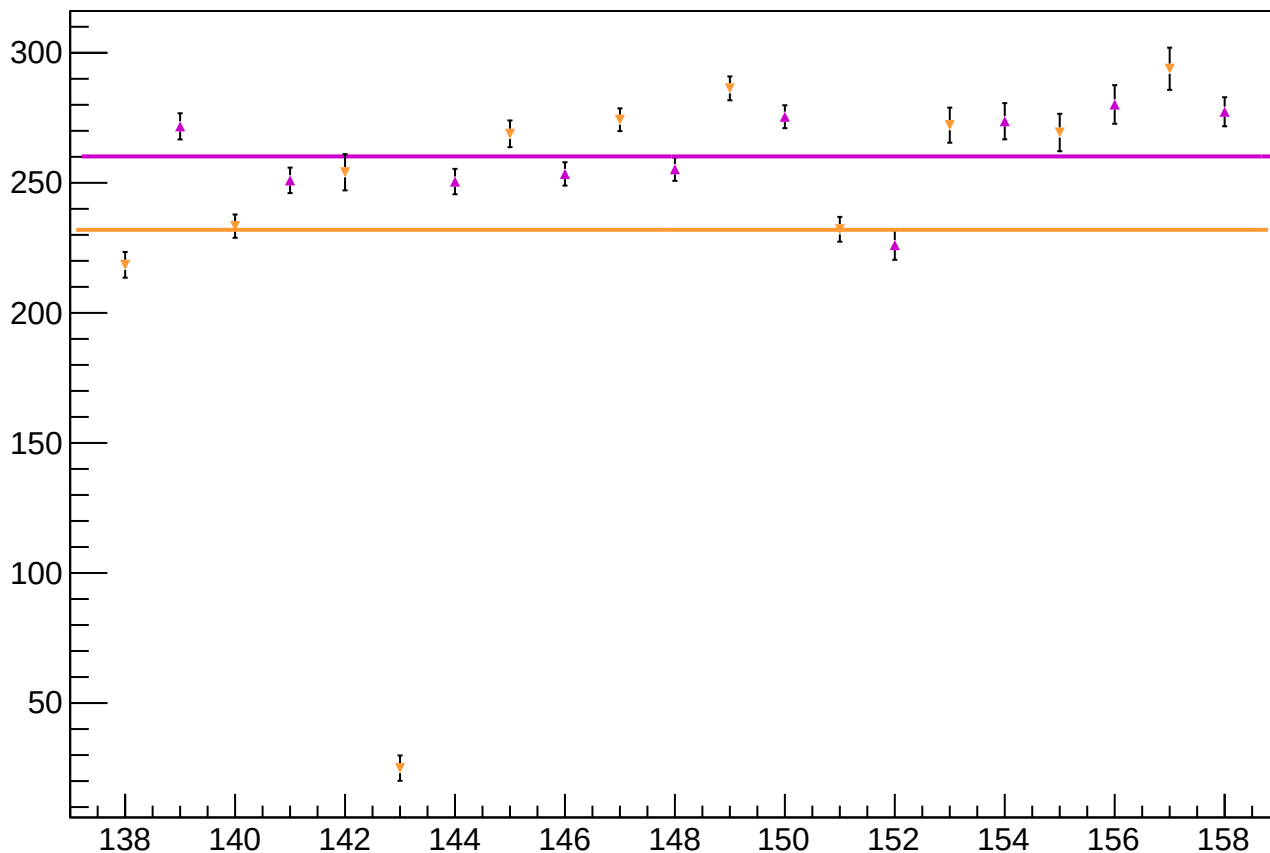
Left In: -165.231 ± 0.073 $\chi^2/\text{NDF}: 57446.9/9$

+ sign -94.933 ± 0.047 $\chi^2/\text{NDF}: 2554280.9/27$

All: -97.292 ± 0.033 $\chi^2/\text{NDF}: 4978714.9/56$

- sign -99.564 ± 0.046 $\chi^2/\text{NDF}: 2419560.3/28$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 231.942+/-1.598 χ^2/NDF :2230.2/10

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

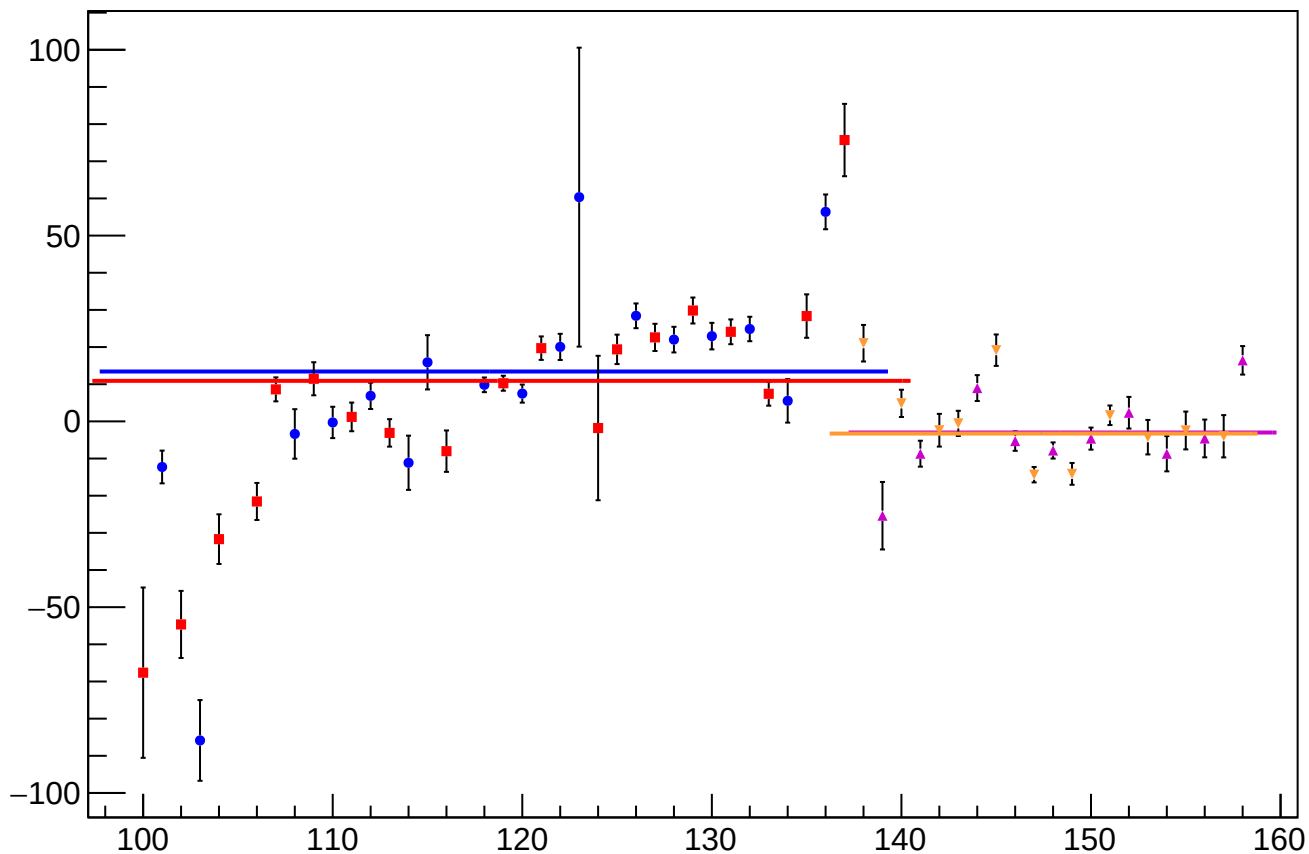
Left In: 260.164+/-1.630 χ^2/NDF :85.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.771+/-1.141 χ^2/NDF : 2468.1/20

- 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: -3.280+/-1.043 χ^2 /NDF: 103.8/10

Right Out: 10.908+/-0.916 χ^2 /NDF: 302.6/18

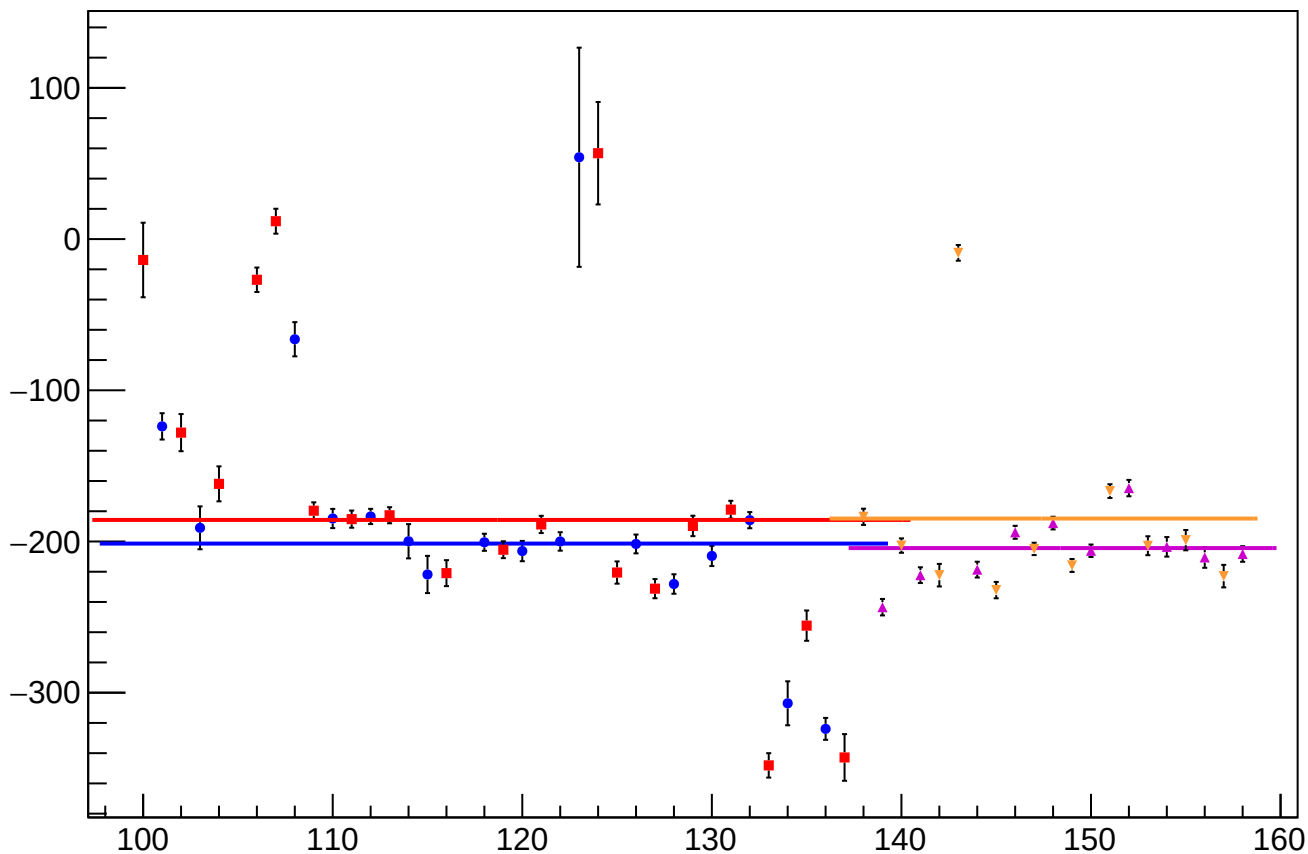
Left In: -2.999+/-1.082 χ^2 /NDF: 55.3/9

+ sign 6.121+/-0.690 χ^2 /NDF: 543.2/27

All: 5.619+/-0.491 χ^2 /NDF: 998.4/56

- sign 5.102+/-0.699 χ^2 /NDF: 454.1/28

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -184.831 ± 1.589 χ^2/NDF : 1389.1/10

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

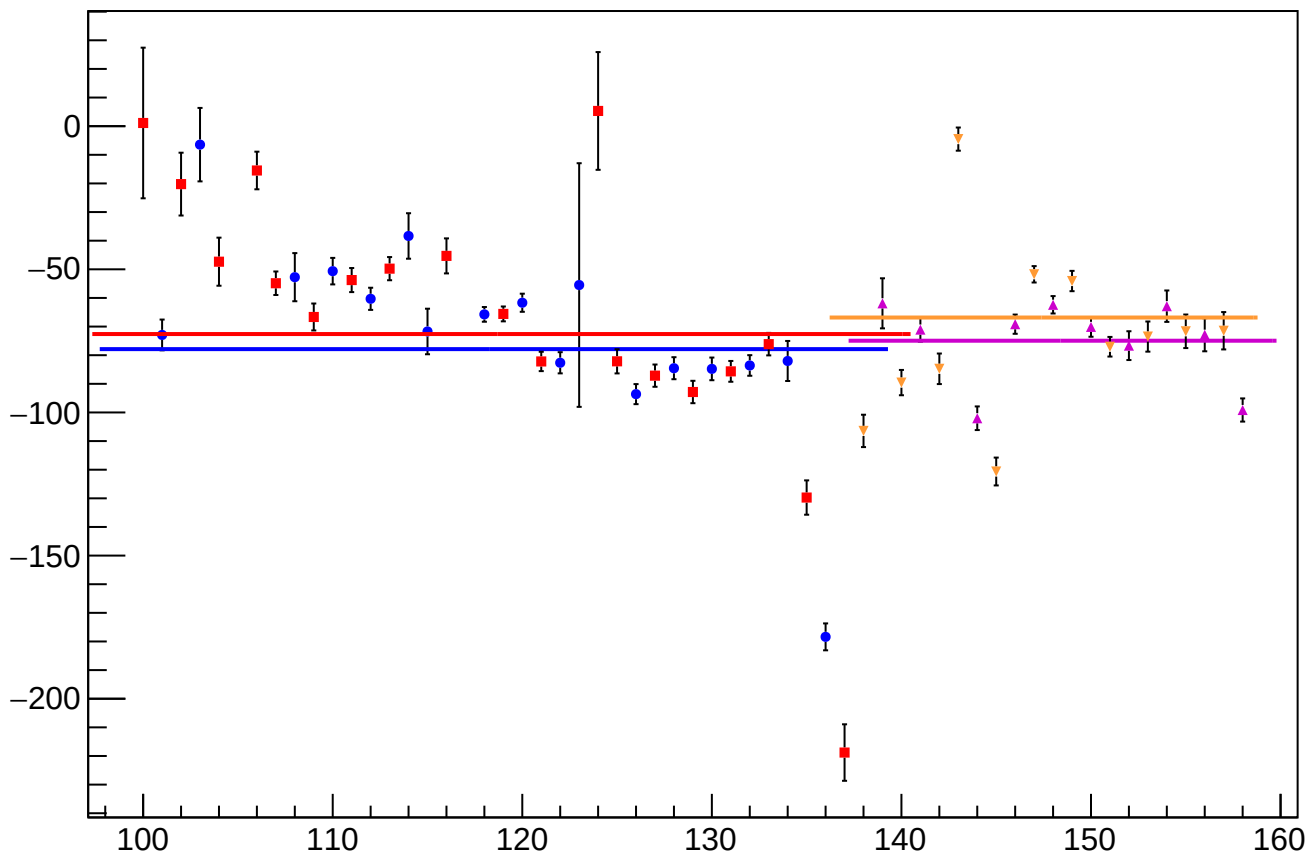
Left In: -204.366 ± 1.593 χ^2/NDF : 147.5/9

+ sign -192.174 ± 1.185 χ^2/NDF : 2060.7/27

All: -193.949 ± 0.830 χ^2/NDF : 4025.8/56

- sign -195.656 ± 1.163 χ^2/NDF : 1960.7/28

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -66.839 ± 1.295 $\chi^2/\text{NDF}: 498.8/10$

Right Out: -72.612 ± 1.054 $\chi^2/\text{NDF}: 606.9/18$

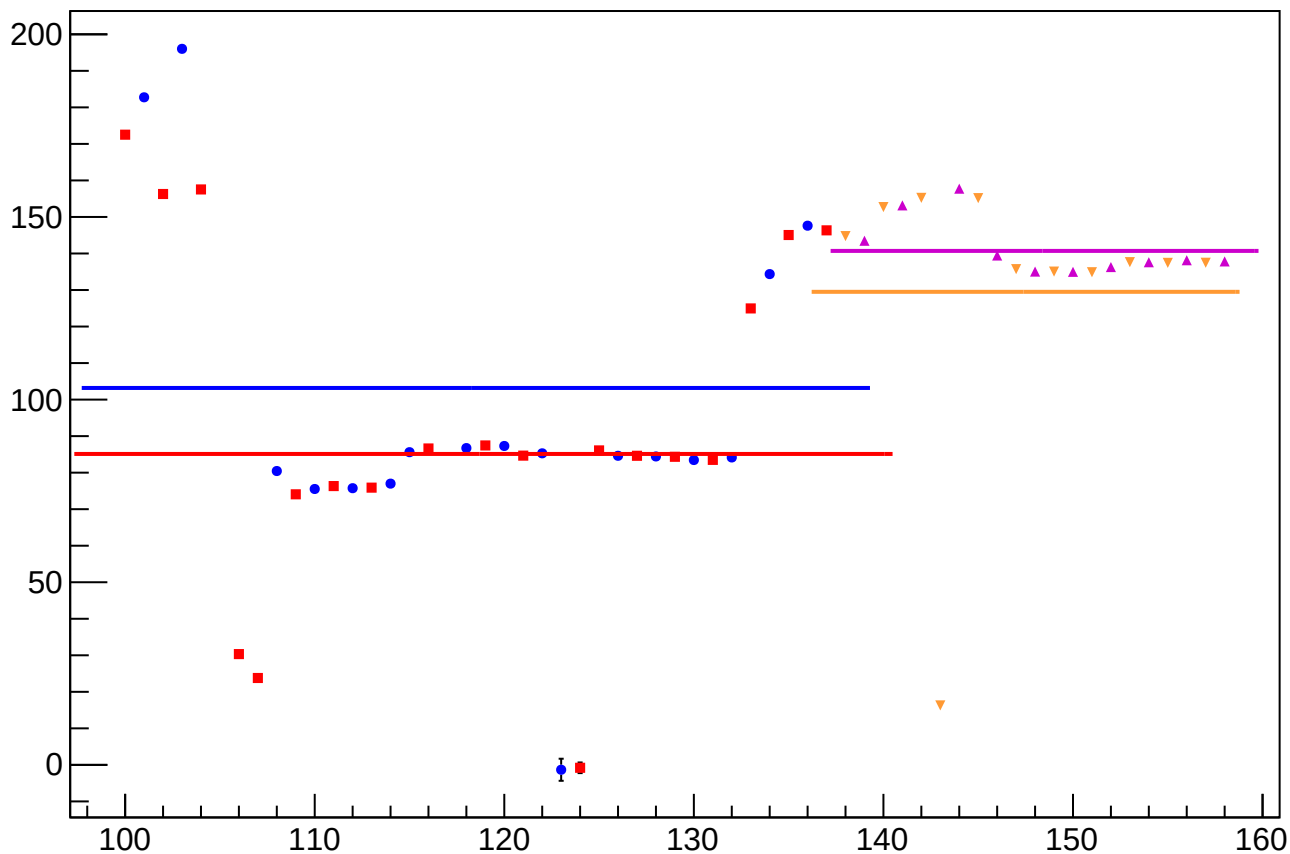
Left In: -74.942 ± 1.320 $\chi^2/\text{NDF}: 109.0/9$

+ sign -73.421 ± 0.823 $\chi^2/\text{NDF}: 1200.3/27$

All: -73.470 ± 0.582 $\chi^2/\text{NDF}: 1918.1/56$

- sign -73.518 ± 0.824 $\chi^2/\text{NDF}: 717.7/28$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 129.506 $\pm$ 0.065 χ^2 /NDF: 342030.4/10

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

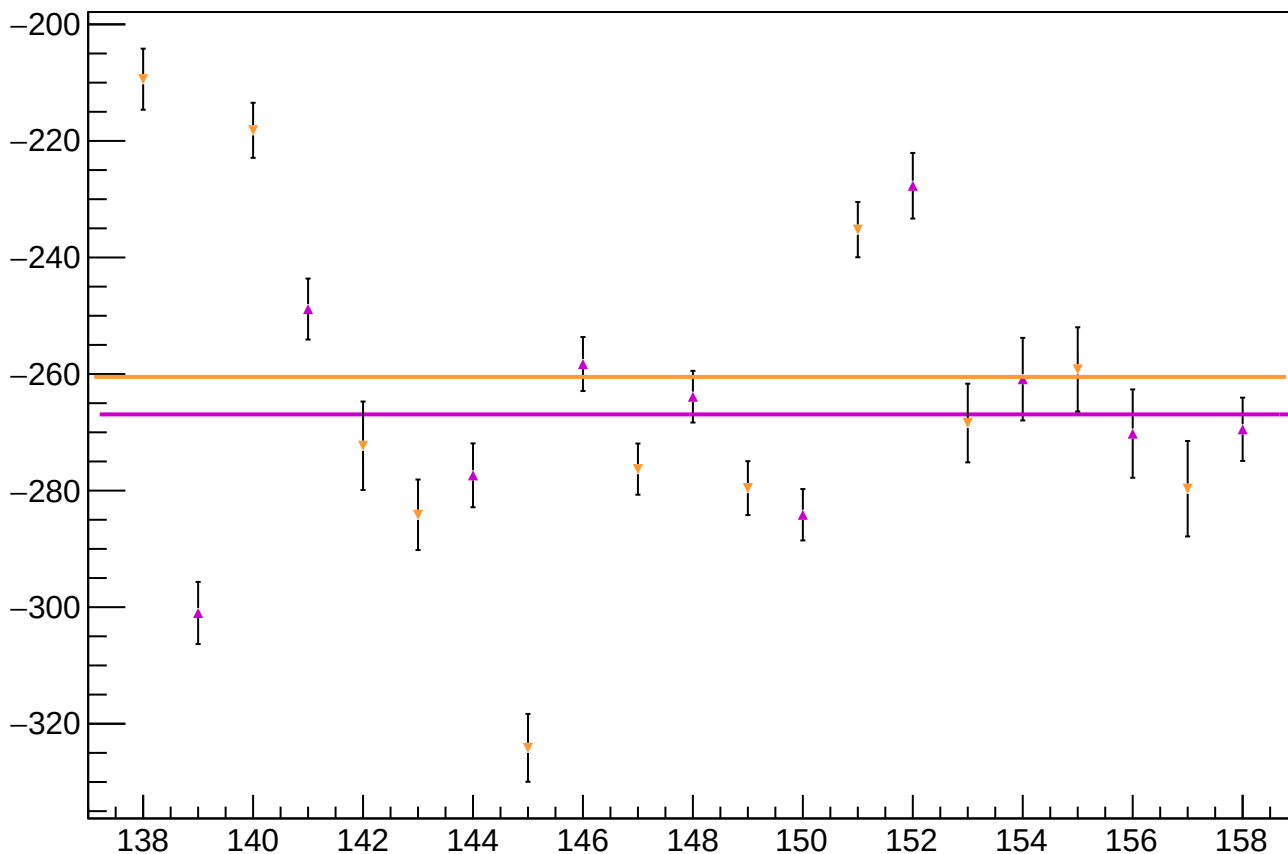
Left In: 140.706 $\pm$ 0.064 χ^2 /NDF: 12364.4/9

+ sign 117.390 $\pm$ 0.048 χ^2 /NDF: 691173.2/27

All: 115.045 $\pm$ 0.033 χ^2 /NDF: 1512654.7/56

- sign 112.959 $\pm$ 0.045 χ^2 /NDF: 816920.2/28

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -260.489+/-1.679 χ^2/NDF : 377.8/10

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

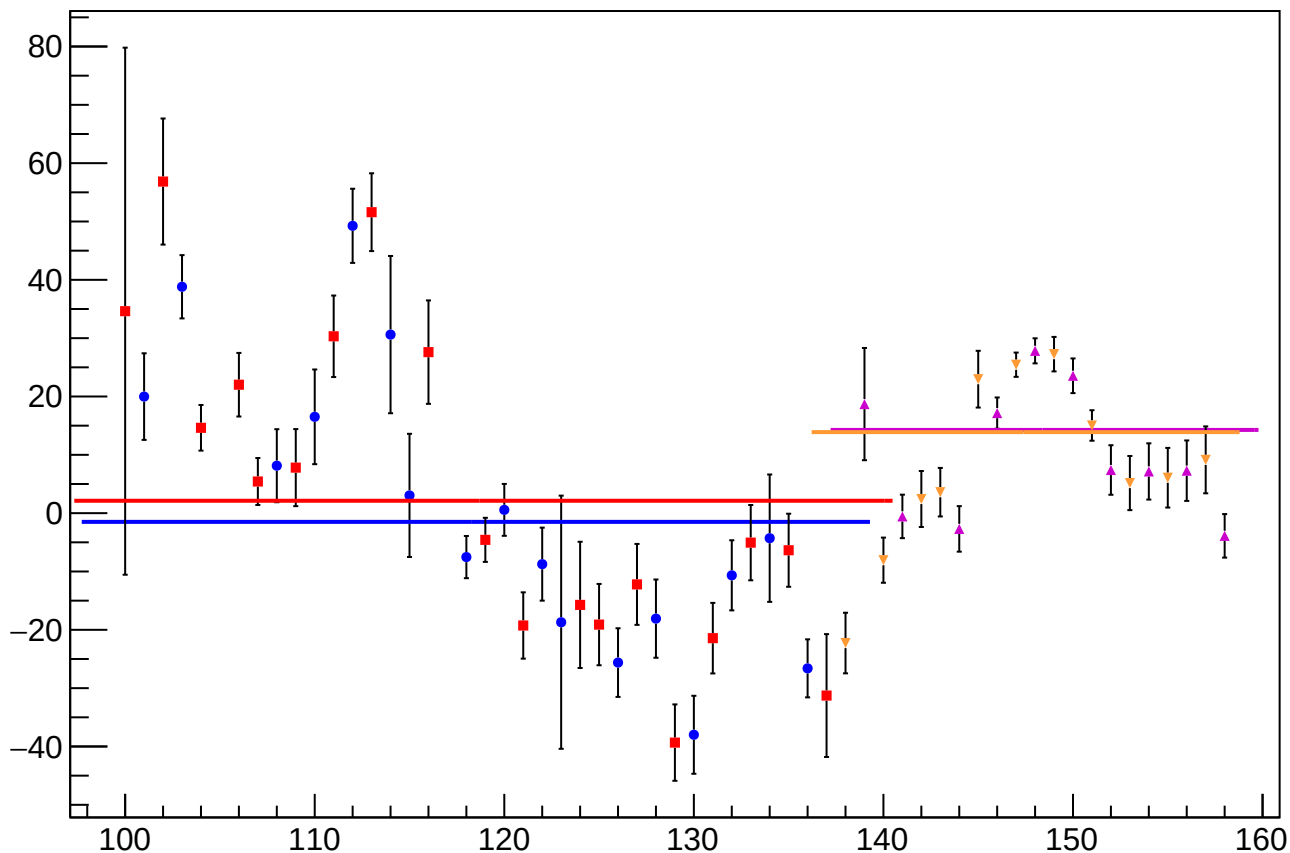
Left In: -266.921+/-1.674 χ^2/NDF : 125.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.715+/-1.186 χ^2/NDF : 510.4/20

- 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: 13.895 ± 1.082 χ^2/NDF : 153.9/10

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

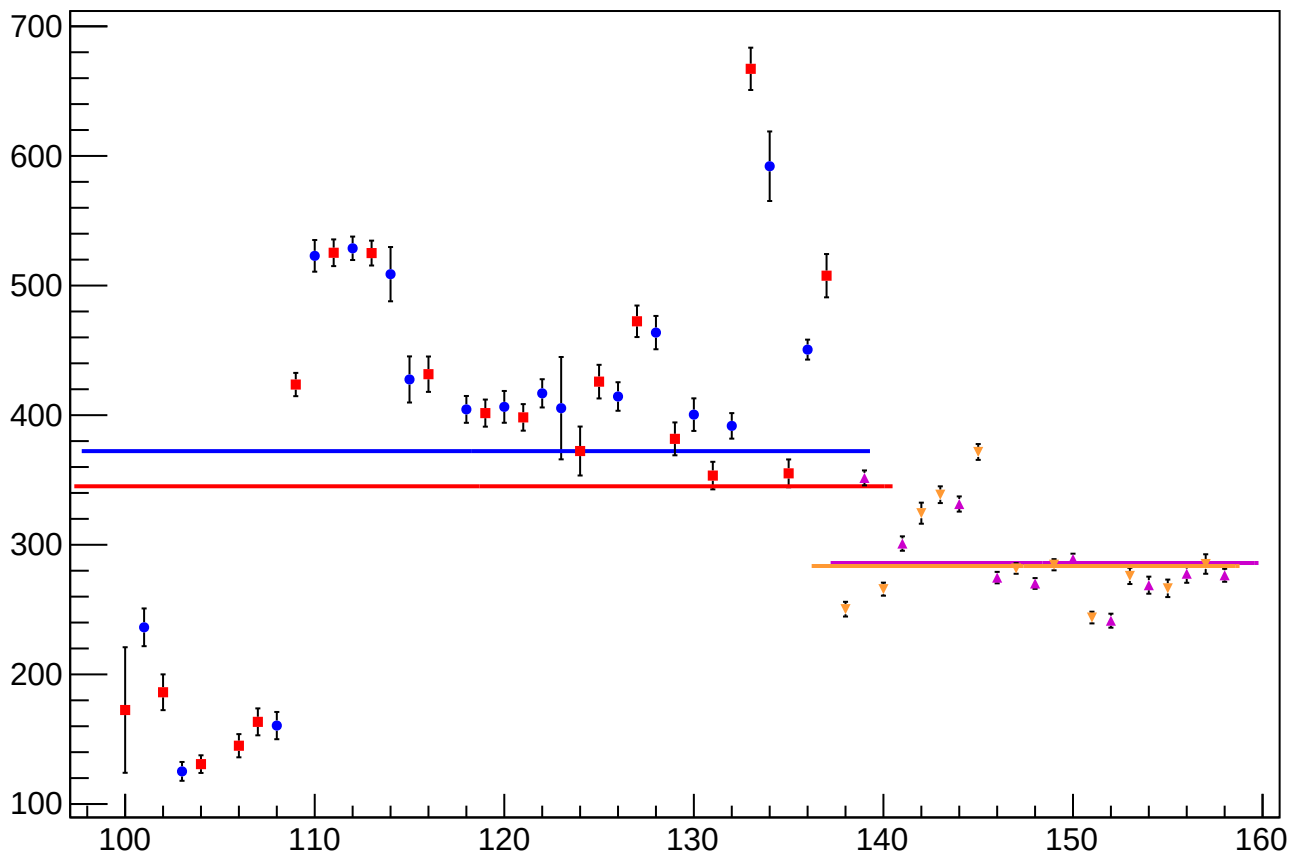
Left In: 14.270 ± 1.101 χ^2/NDF : 115.9/9

+ sign 8.689 ± 0.880 χ^2/NDF : 448.5/27

All: 9.171 ± 0.617 χ^2/NDF : 844.0/56

- sign 9.639 ± 0.866 χ^2/NDF : 394.9/28

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 283.633 $\pm$ 1.658 χ^2 /NDF: 437.9/10

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

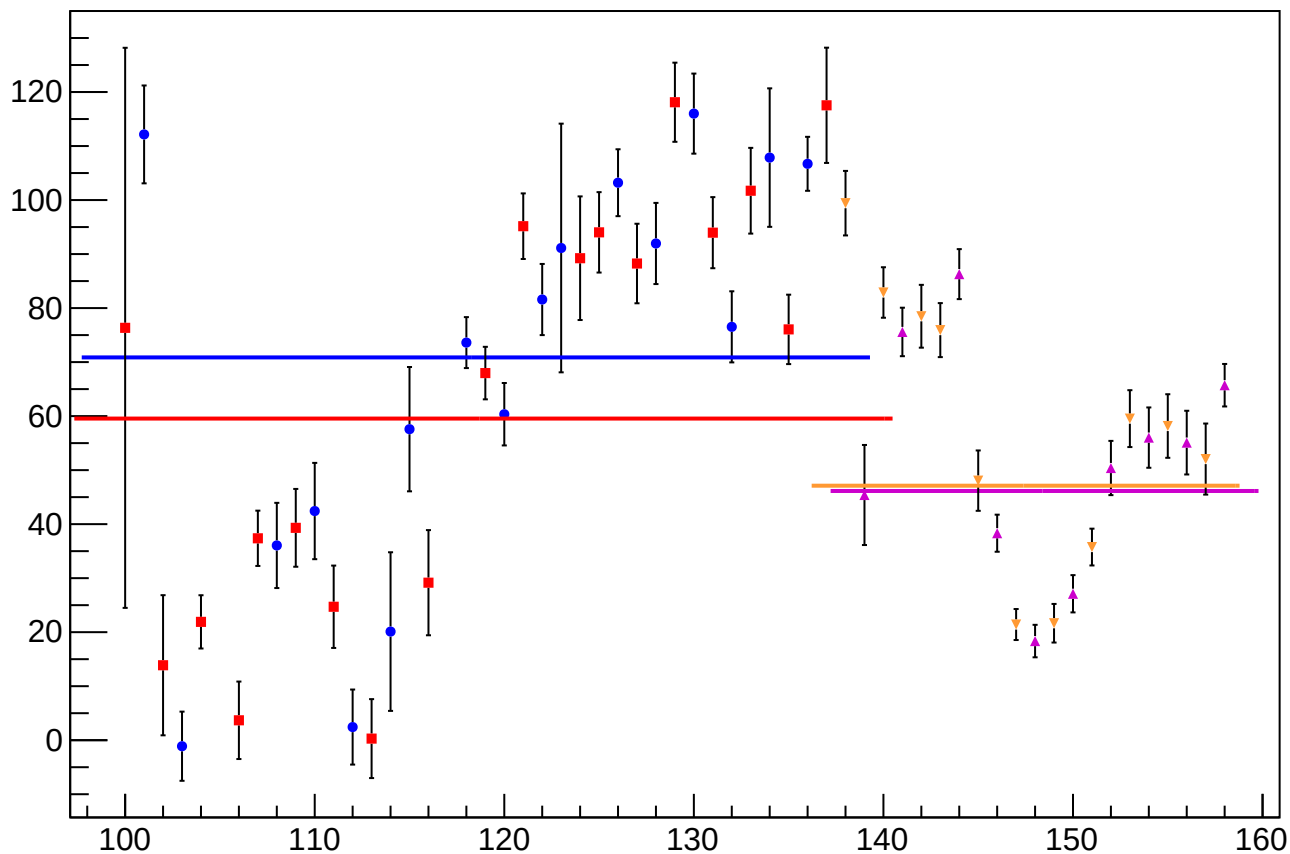
Left In: 285.942 $\pm$ 1.629 χ^2 /NDF: 298.1/9

+ sign 307.150 $\pm$ 1.421 χ^2 /NDF: 3628.9/27

All: 304.996 $\pm$ 0.988 χ^2 /NDF: 7728.0/56

- sign 302.981 $\pm$ 1.375 χ^2 /NDF: 4094.7/28

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 47.118 $\pm$ 1.349 χ^2 /NDF: 349.3/10

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

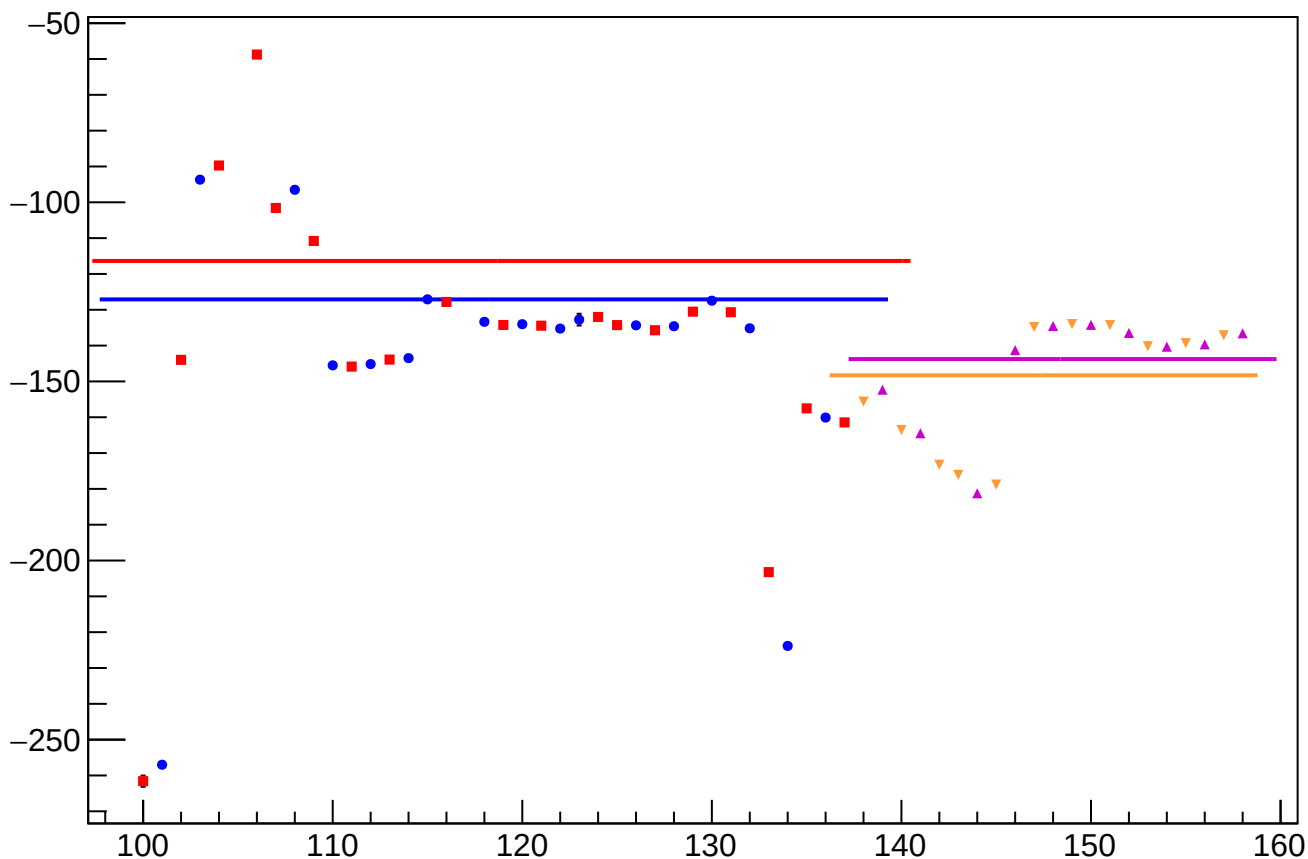
Left In: 46.138 $\pm$ 1.345 χ^2 /NDF: 270.2/9

+ sign 56.017 $\pm$ 1.067 χ^2 /NDF: 892.4/27

All: 53.727 $\pm$ 0.744 χ^2 /NDF: 1702.5/56

- sign 51.559 $\pm$ 1.038 χ^2 /NDF: 801.2/28

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -148.296 ± 0.068 $\chi^2/\text{NDF}: 59622.5/10$

Right Out: -116.369 ± 0.083 $\chi^2/\text{NDF}: 167595.6/18$

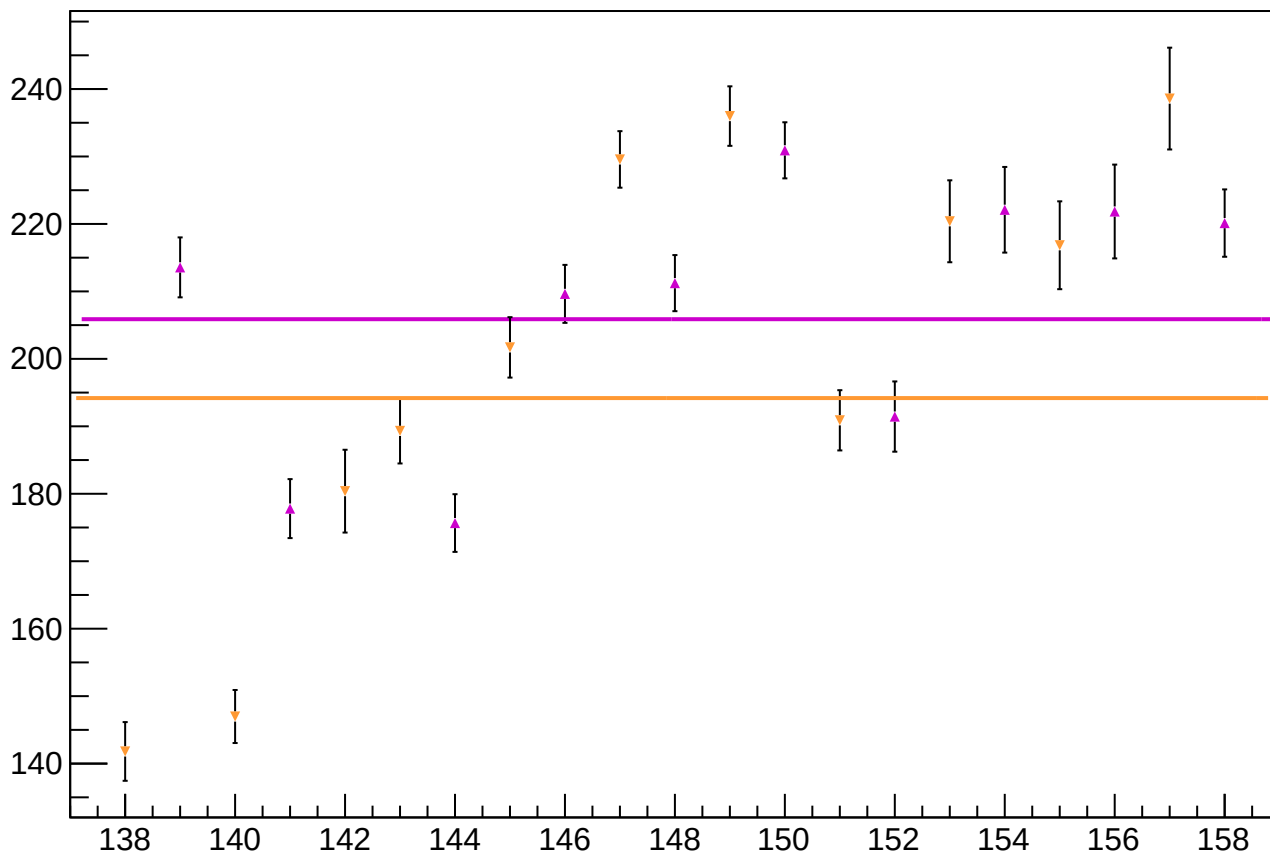
Left In: -143.764 ± 0.065 $\chi^2/\text{NDF}: 40662.8/9$

+ sign -140.536 ± 0.054 $\chi^2/\text{NDF}: 262273.6/27$

All: -136.735 ± 0.037 $\chi^2/\text{NDF}: 547479.3/56$

- sign -133.338 ± 0.051 $\chi^2/\text{NDF}: 275863.4/28$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 194.186+/-1.469 χ^2/NDF : 525.0/10

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

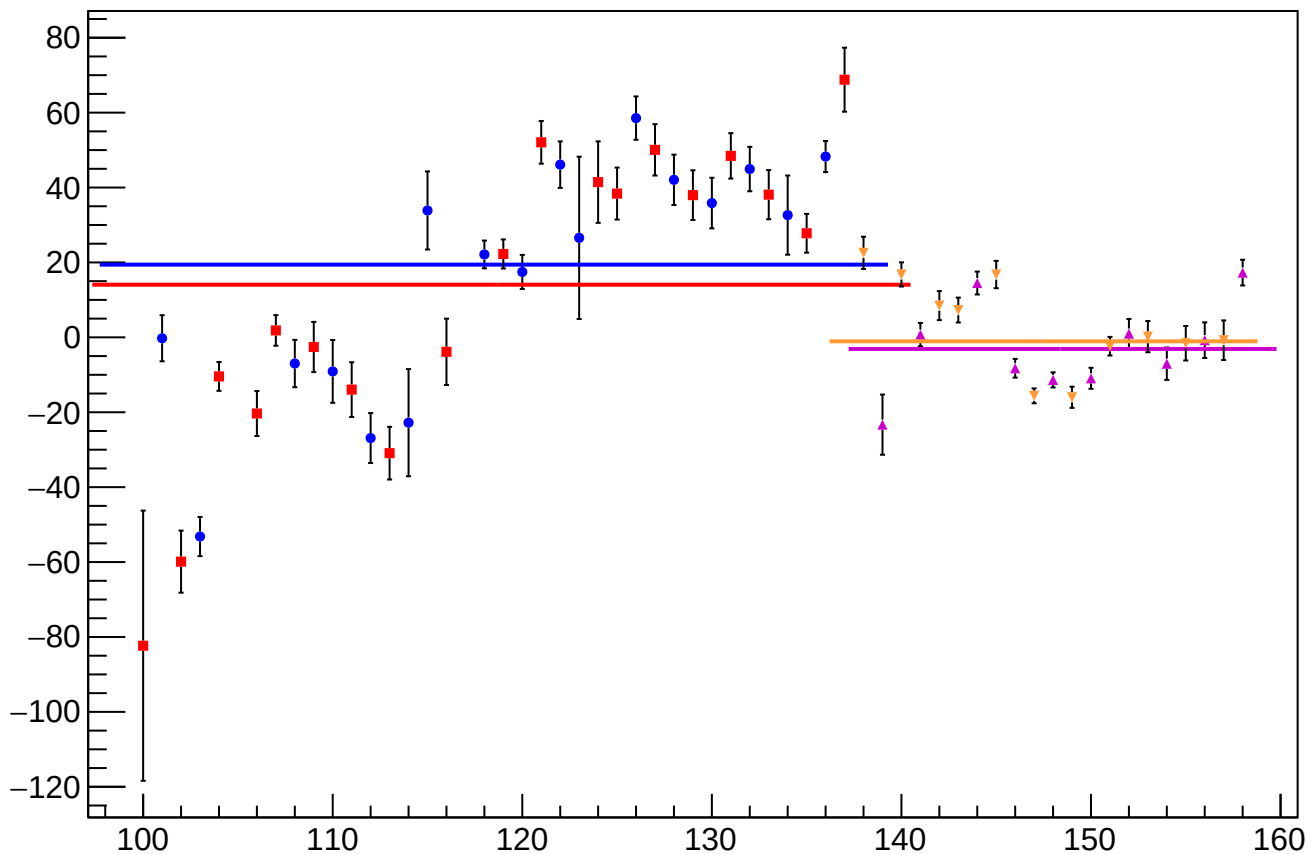
Left In: 205.880+/-1.491 χ^2/NDF : 160.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.946+/-1.046 χ^2/NDF : 716.7/20

- 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: -1.060 ± 0.969 $\chi^2/\text{NDF}: 179.1/10$

Right Out: 14.055 ± 1.392 $\chi^2/\text{NDF}: 436.5/18$

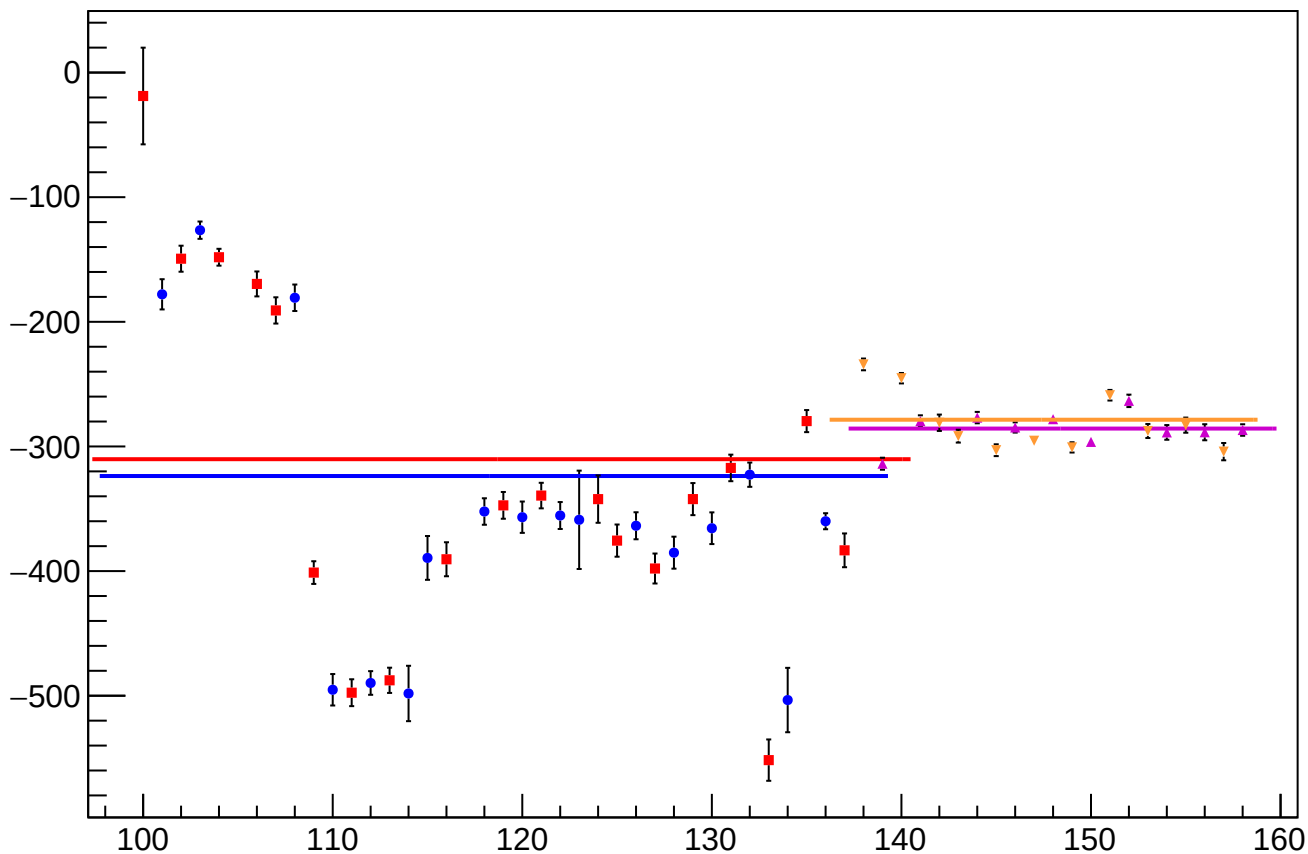
Left In: -3.093 ± 0.997 $\chi^2/\text{NDF}: 107.4/9$

+ sign 5.087 ± 0.811 $\chi^2/\text{NDF}: 754.2/27$

All: 3.904 ± 0.573 $\chi^2/\text{NDF}: 1402.7/56$

- sign 2.722 ± 0.811 $\chi^2/\text{NDF}: 644.2/28$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -278.548 ± 1.465 χ^2/NDF : 270.7/10

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

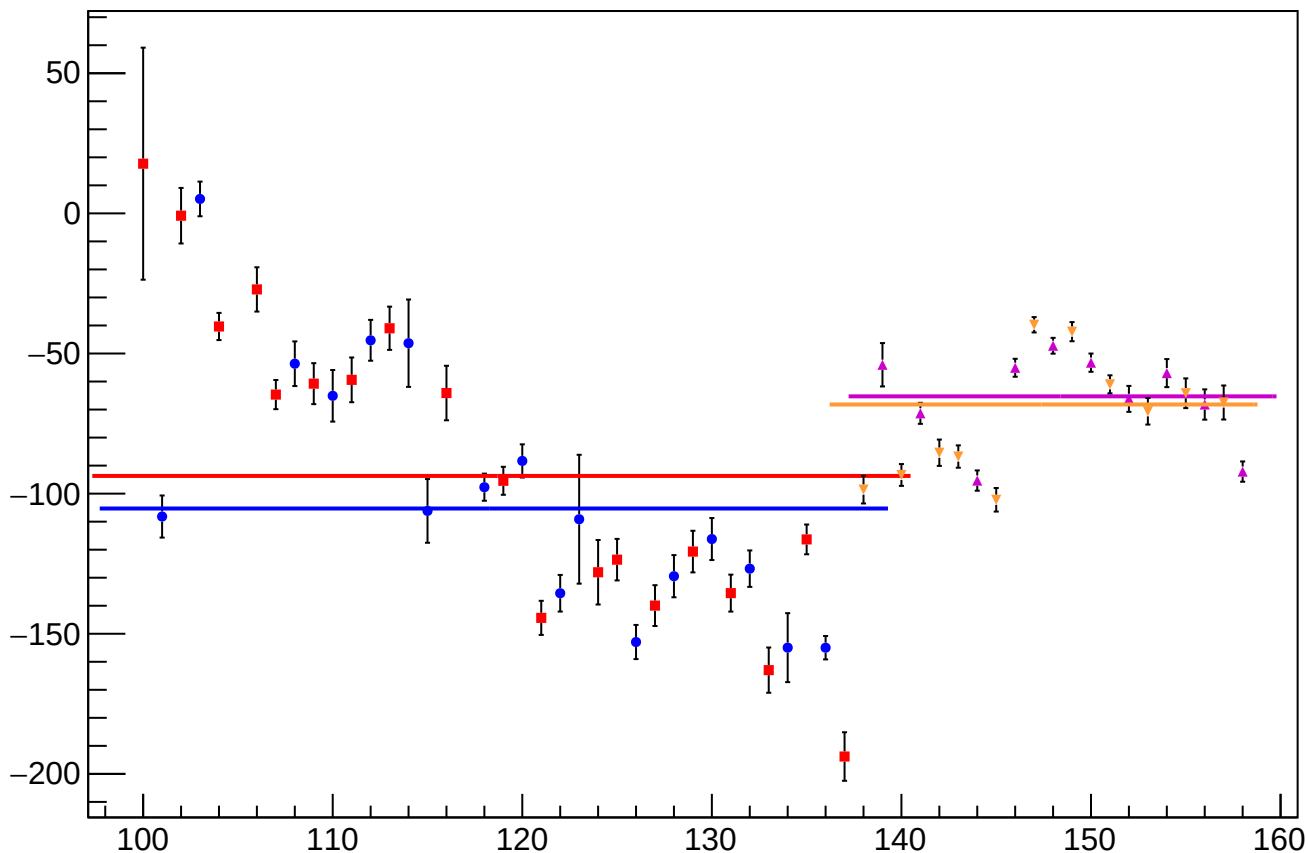
Left In: -285.653 ± 1.461 χ^2/NDF : 71.5/9

+ sign -289.012 ± 1.284 χ^2/NDF : 2341.7/27

All: -290.439 ± 0.901 χ^2/NDF : 4786.6/56

- sign -291.823 ± 1.264 χ^2/NDF : 2442.5/28

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -68.194 ± 1.200 χ^2/NDF : 351.7/10

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

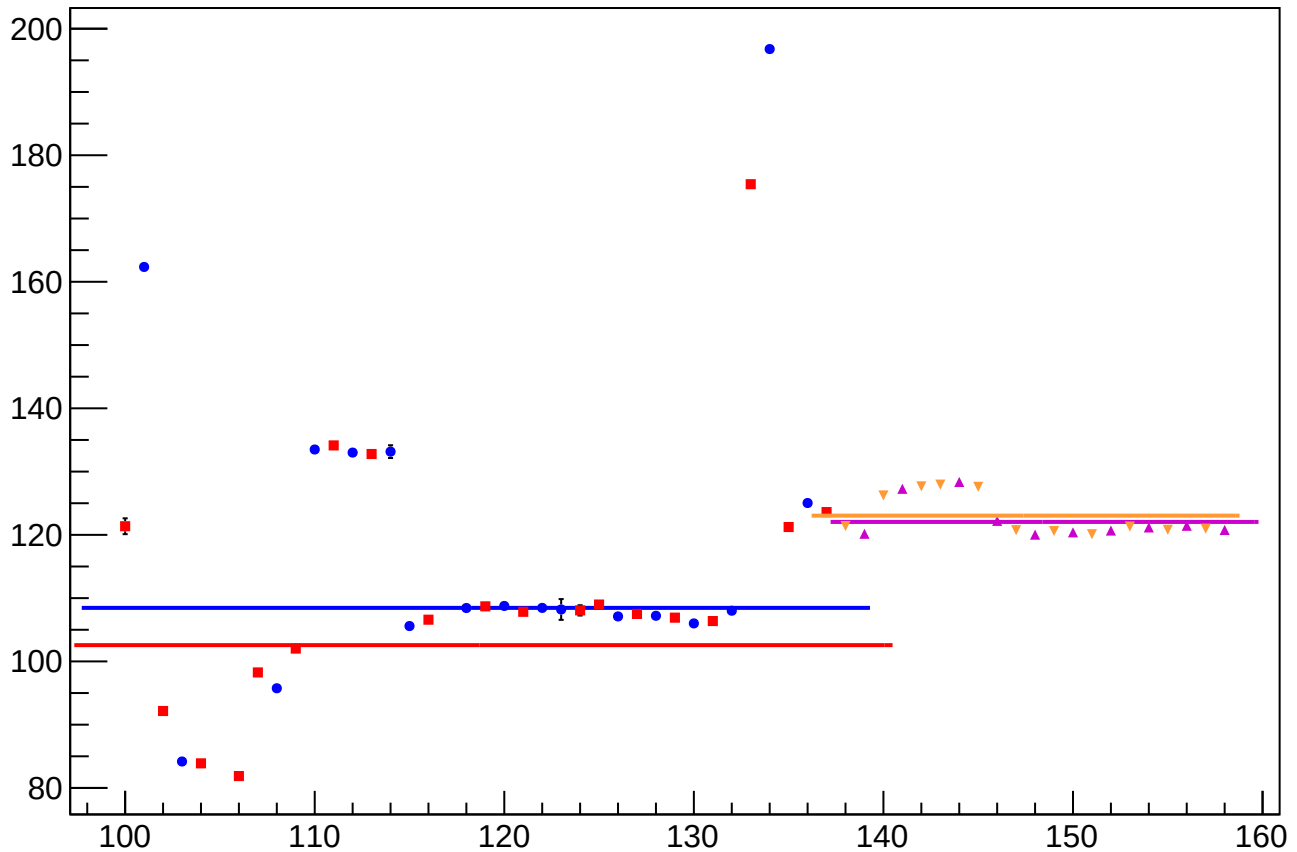
Left In: -65.289 ± 1.214 χ^2/NDF : 196.5/9

+ sign -80.602 ± 0.979 χ^2/NDF : 1409.0/27

All: -78.060 ± 0.689 χ^2/NDF : 2643.4/56

- sign -75.566 ± 0.970 χ^2/NDF : 1221.0/28

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 ± 0.085 χ^2/NDF : 73302.1/16

Left Out: 123.039 ± 0.060 χ^2/NDF : 2702.8/10

Right Out: 102.570 ± 0.079 χ^2/NDF : 53143.8/18

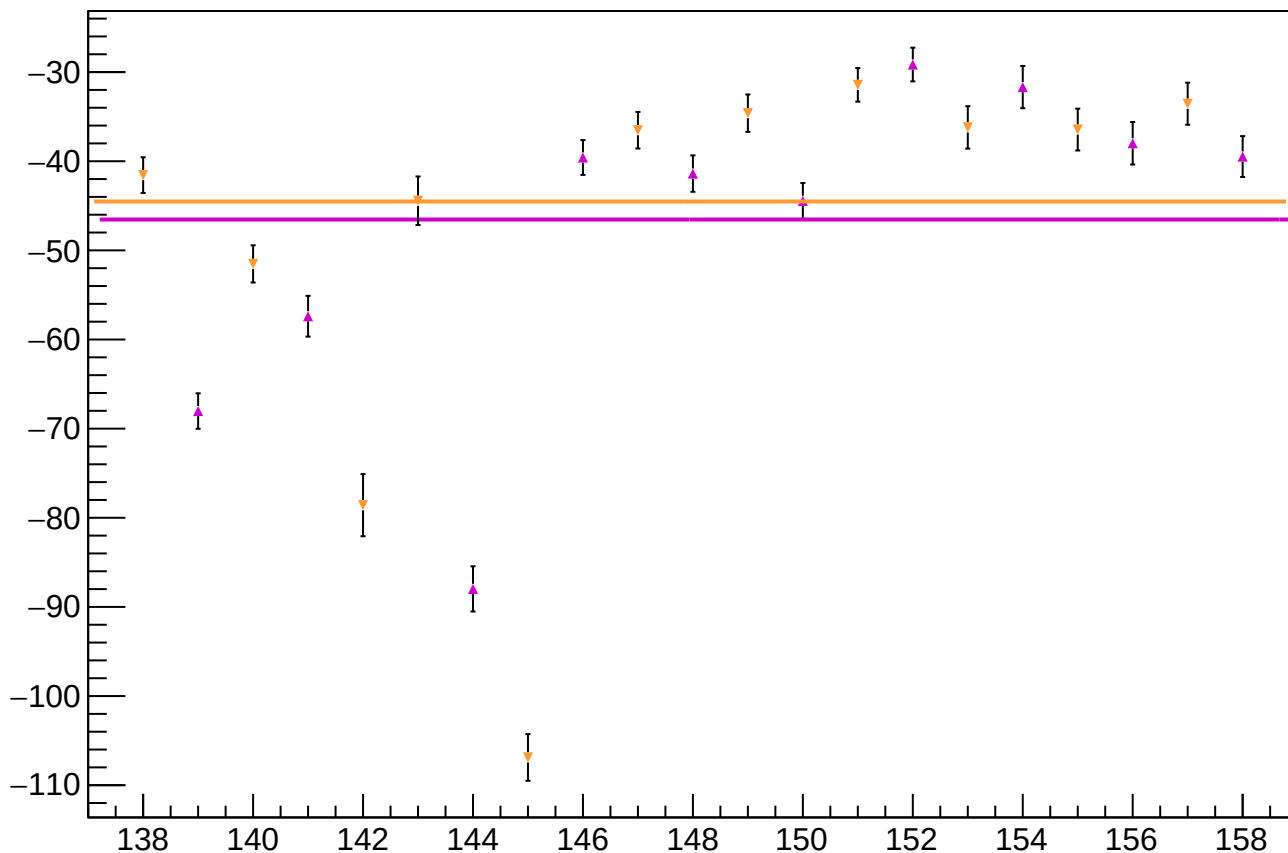
Left In: 122.045 ± 0.058 χ^2/NDF : 2273.5/9

+ sign 118.193 ± 0.049 χ^2/NDF : 95774.3/27

All: 116.661 ± 0.034 χ^2/NDF : 192180.6/56

- sign 115.245 ± 0.047 χ^2/NDF : 94512.2/28

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -44.518+/-0.686 χ^2/NDF : 807.6/10

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

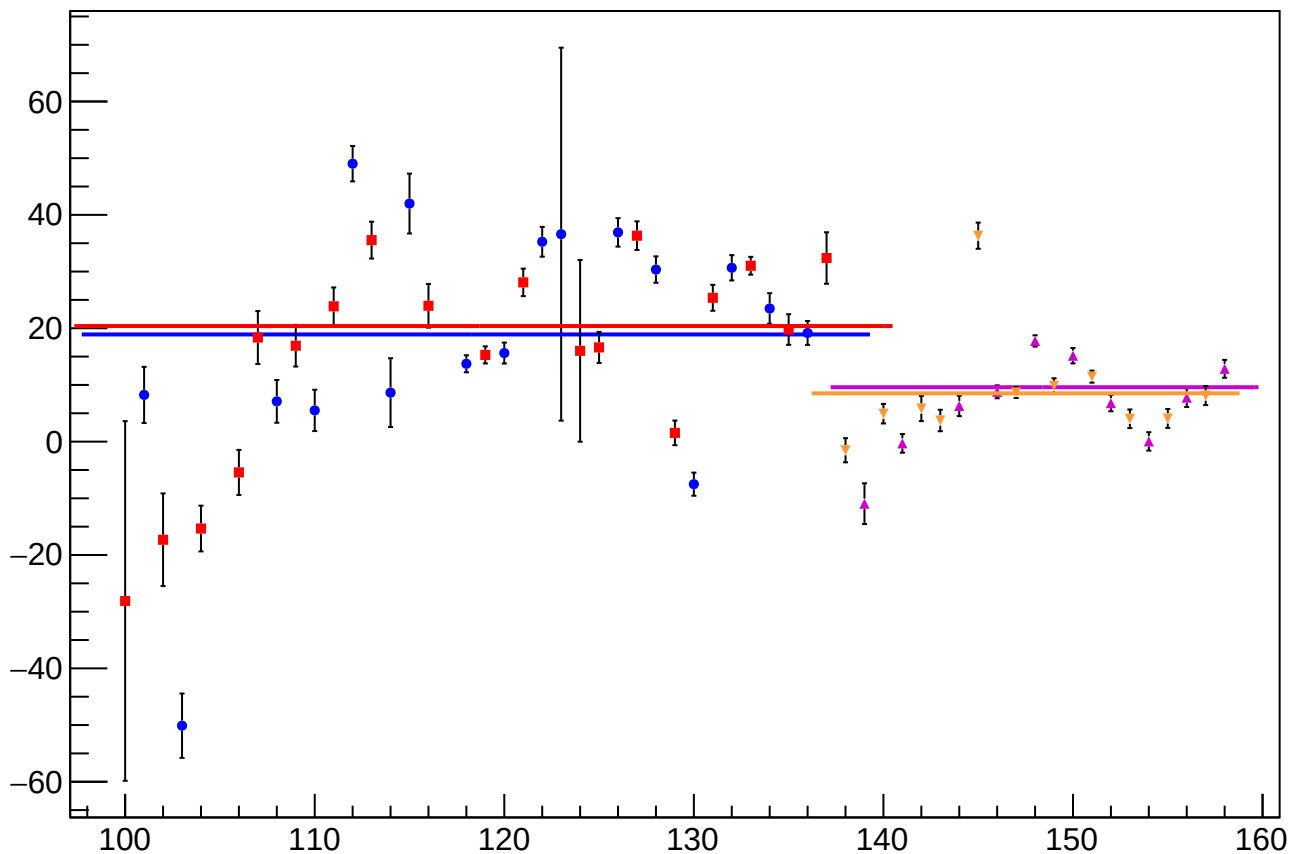
Left In: -46.540+/-0.678 χ^2/NDF : 572.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.540+/-0.482 χ^2/NDF : 1384.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 8.517 ± 0.456 χ^2/NDF : 202.5/10

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

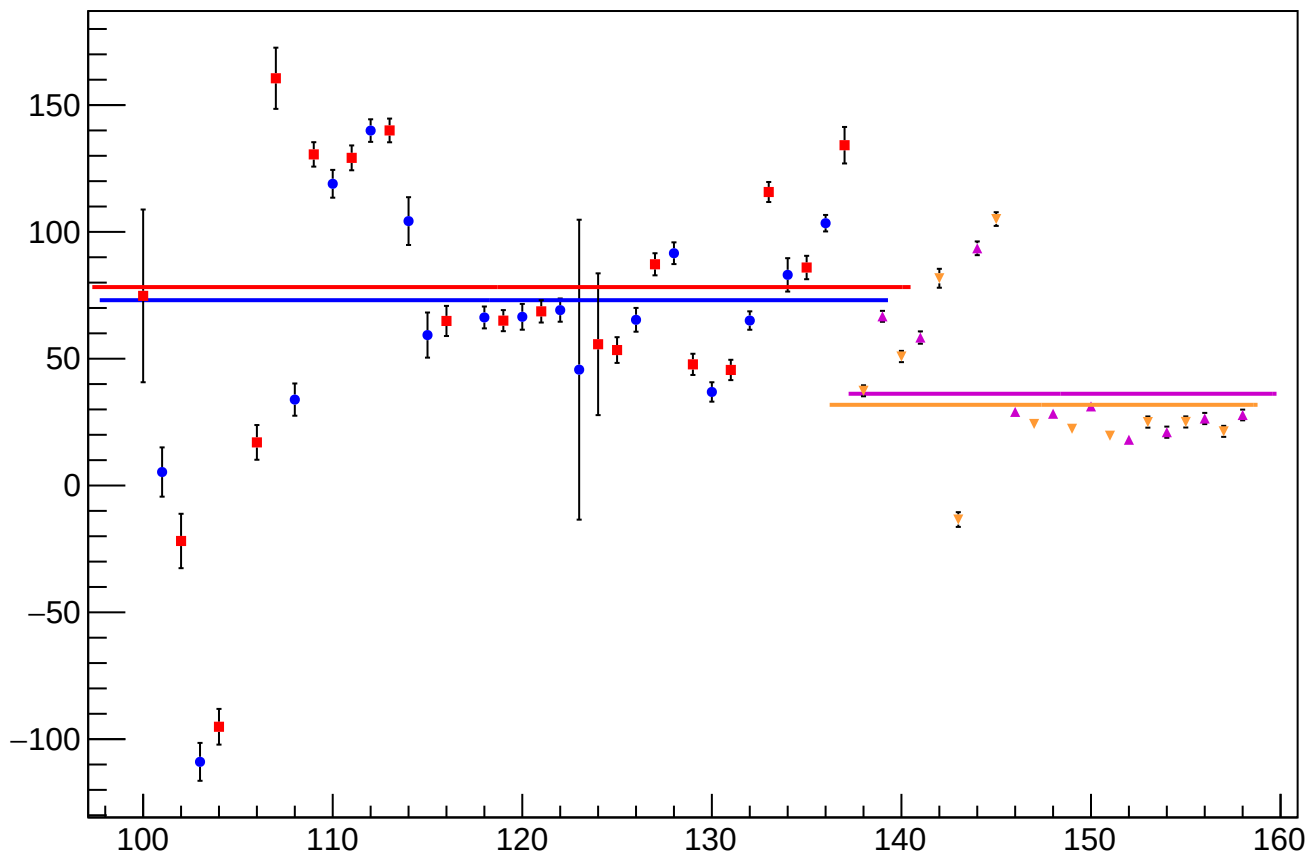
Left In: 9.595 ± 0.460 χ^2/NDF : 201.7/9

+ sign 11.994 ± 0.372 χ^2/NDF : 994.9/27

All: 12.617 ± 0.264 χ^2/NDF : 1753.5/56

- sign 13.246 ± 0.374 χ^2/NDF : 753.0/28

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 31.820 $\pm$ 0.673 χ^2 /NDF:1361.1/10

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

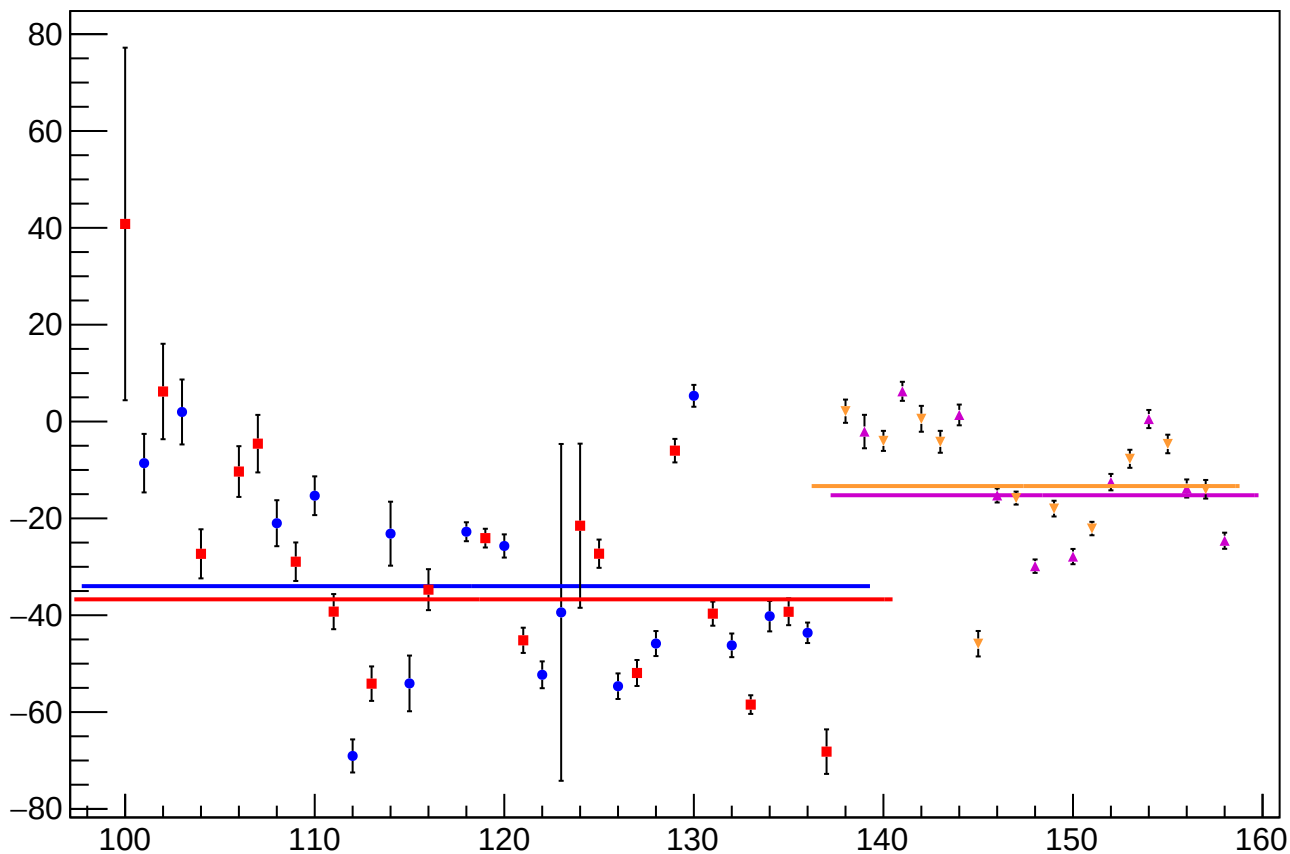
Left In: 36.177 $\pm$ 0.659 χ^2 /NDF:952.6/9

+ sign 41.351 $\pm$ 0.590 χ^2 /NDF: 3429.1/27

All: 43.536 $\pm$ 0.414 χ^2 /NDF: 6868.6/56

- sign 45.647 $\pm$ 0.580 χ^2 /NDF: 3412.6/28

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.326 ± 0.561 χ^2/NDF : 339.7/10

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

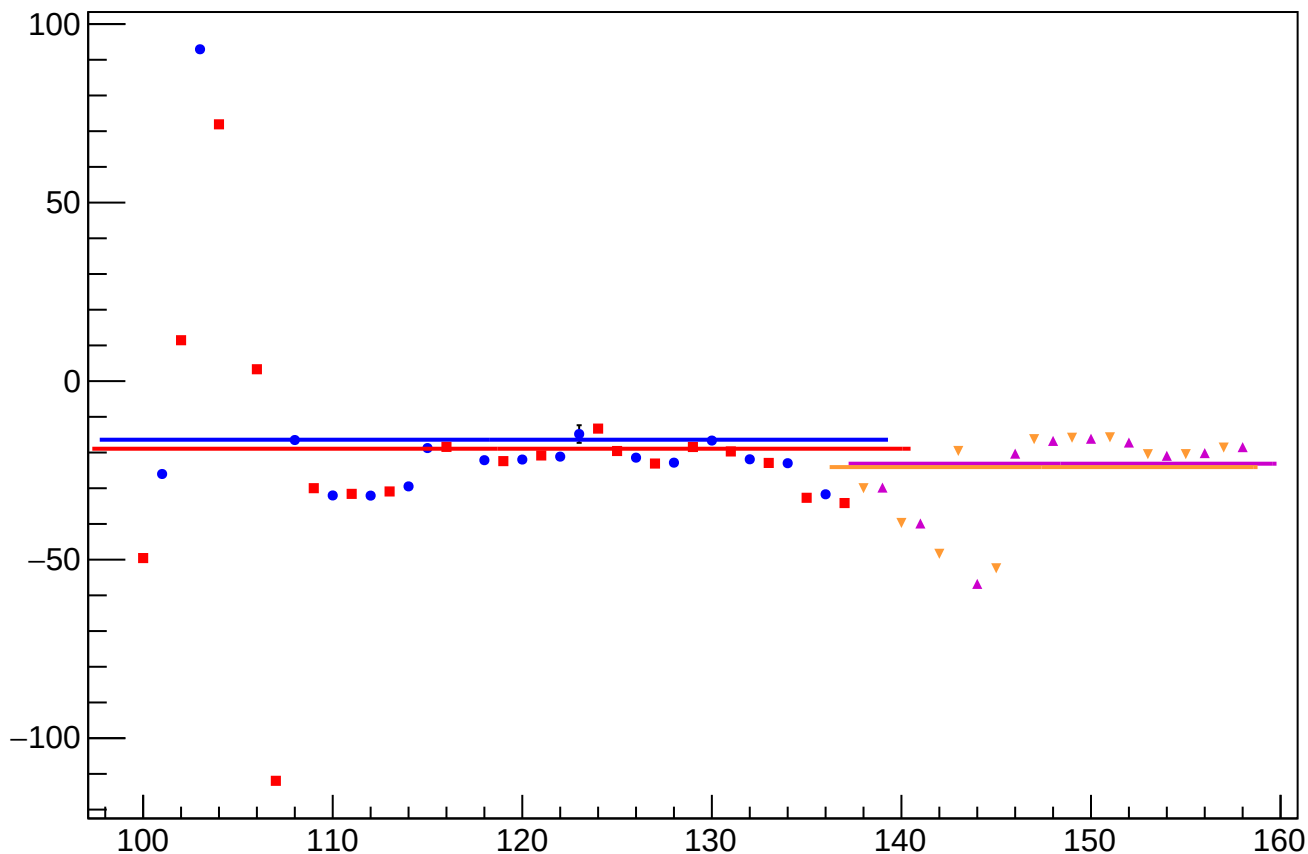
Left In: -15.222 ± 0.556 χ^2/NDF : 475.2/9

+ sign -20.925 ± 0.446 χ^2/NDF : 1557.6/27

All: -21.981 ± 0.315 χ^2/NDF : 3129.1/56

- sign -23.025 ± 0.444 χ^2/NDF : 1560.4/28

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -24.078 ± 0.027 $\chi^2/\text{NDF}: 167229.3/10$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

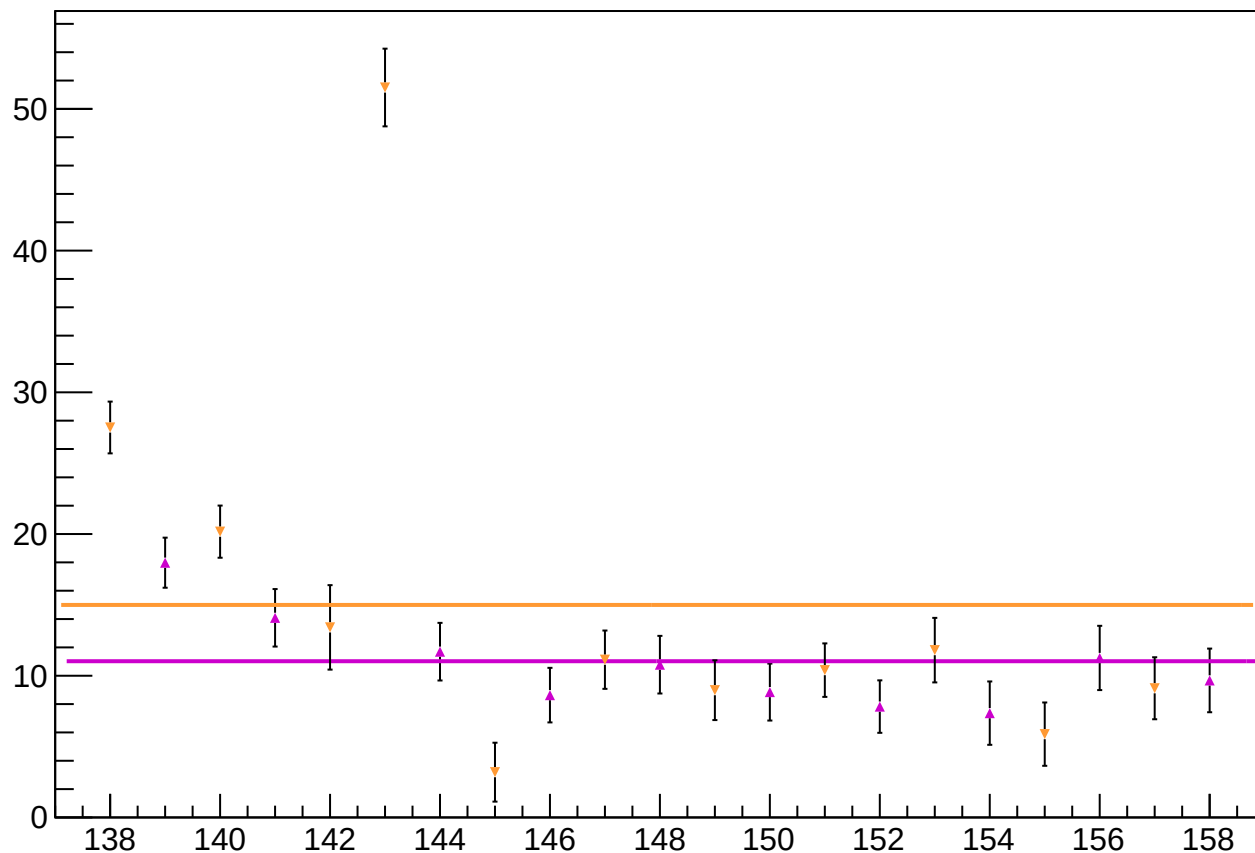
Left In: -23.127 ± 0.026 $\chi^2/\text{NDF}: 144654.7/9$

+ sign -22.040 ± 0.023 $\chi^2/\text{NDF}: 663490.7/27$

All: -22.071 ± 0.016 $\chi^2/\text{NDF}: 1248788.8/56$

- sign -22.101 ± 0.022 $\chi^2/\text{NDF}: 585294.5/28$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 14.997+/-0.643 χ^2/NDF : 308.3/10

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

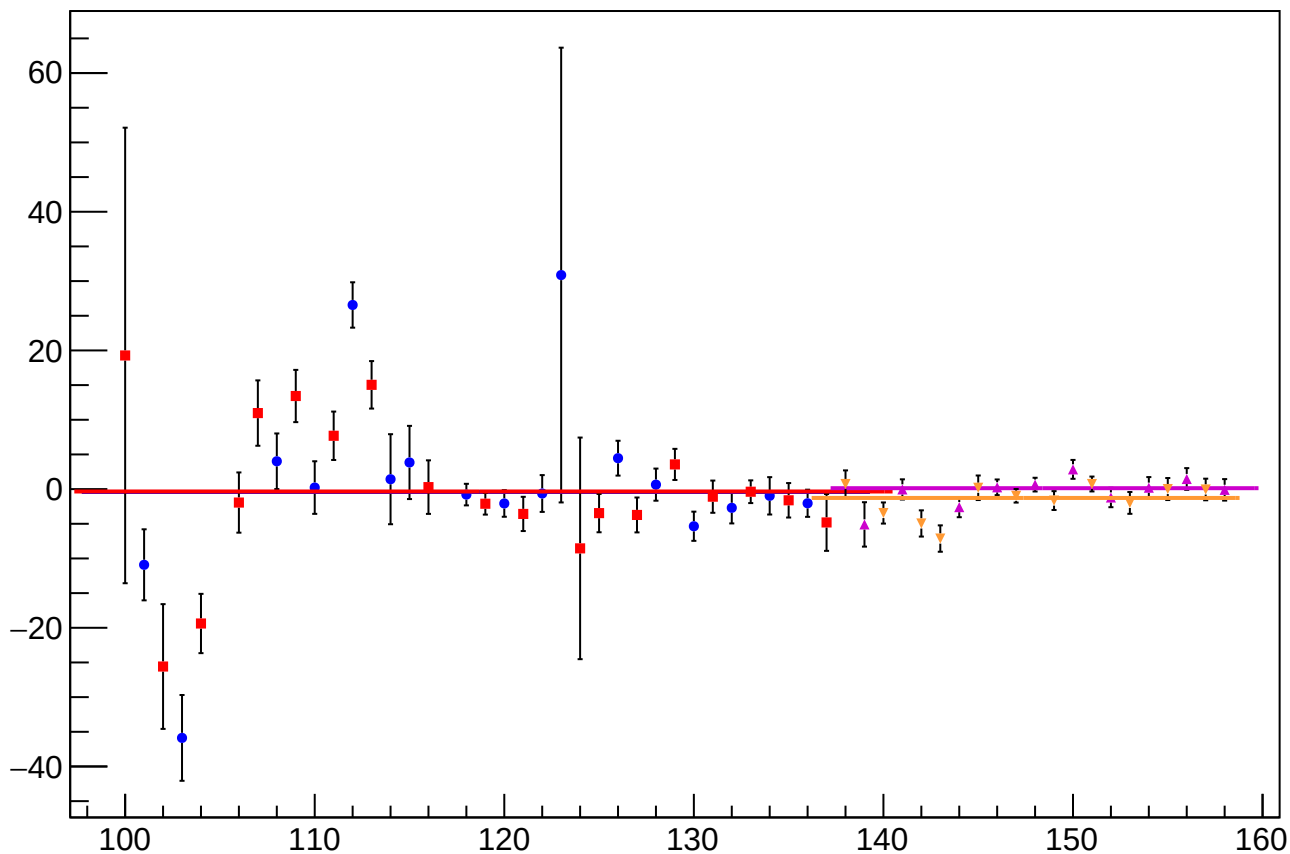
Left In: 11.025+/-0.639 χ^2/NDF : 26.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.997+/-0.453 χ^2/NDF : 354.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.274 ± 0.437 χ^2/NDF : 22.2/10

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

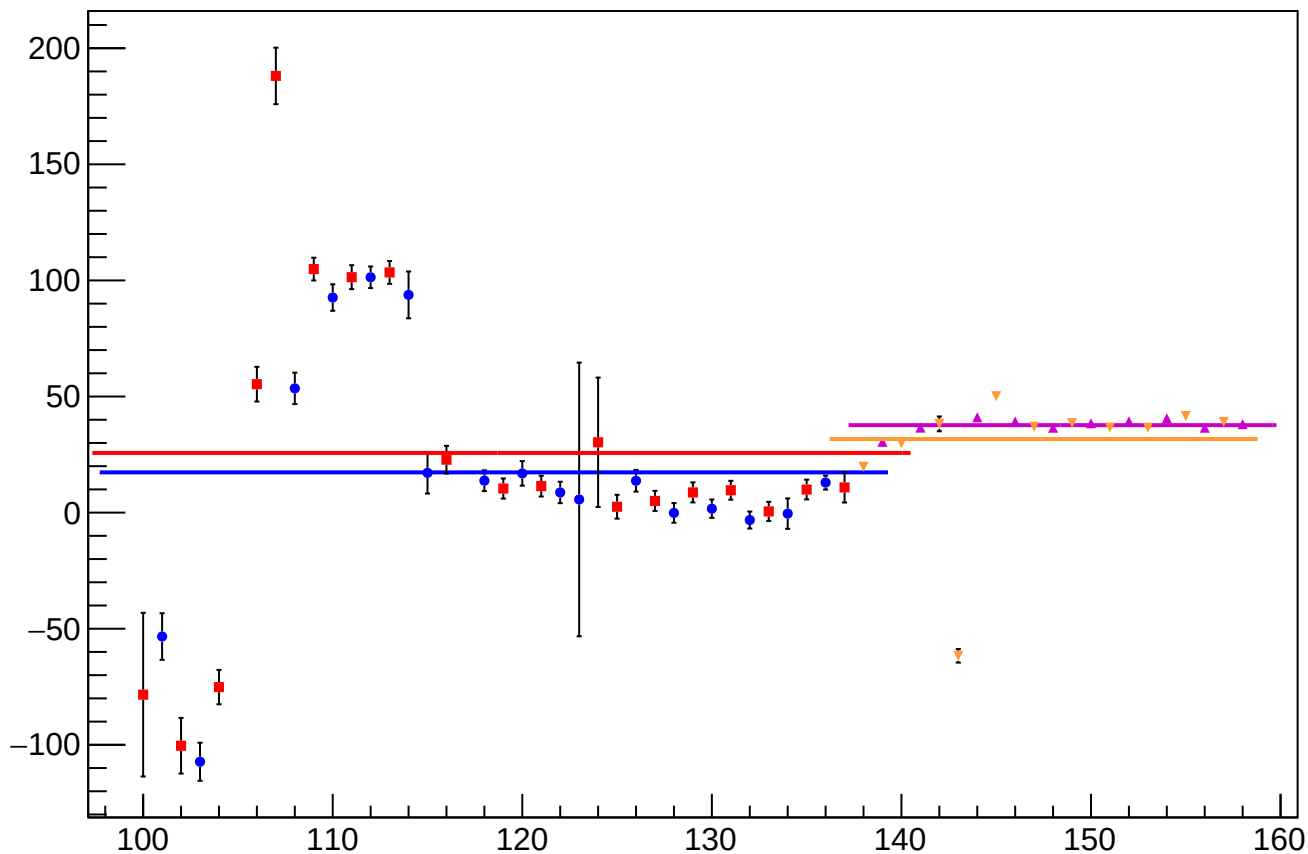
Left In: 0.133 ± 0.441 χ^2/NDF : 12.1/9

+ sign -1.008 ± 0.363 χ^2/NDF : 143.3/27

All: -0.515 ± 0.258 χ^2/NDF : 243.2/56

- sign -0.014 ± 0.366 χ^2/NDF : 96.2/28

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 31.690+/-0.636 χ^2/NDF : 1199.0/10

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

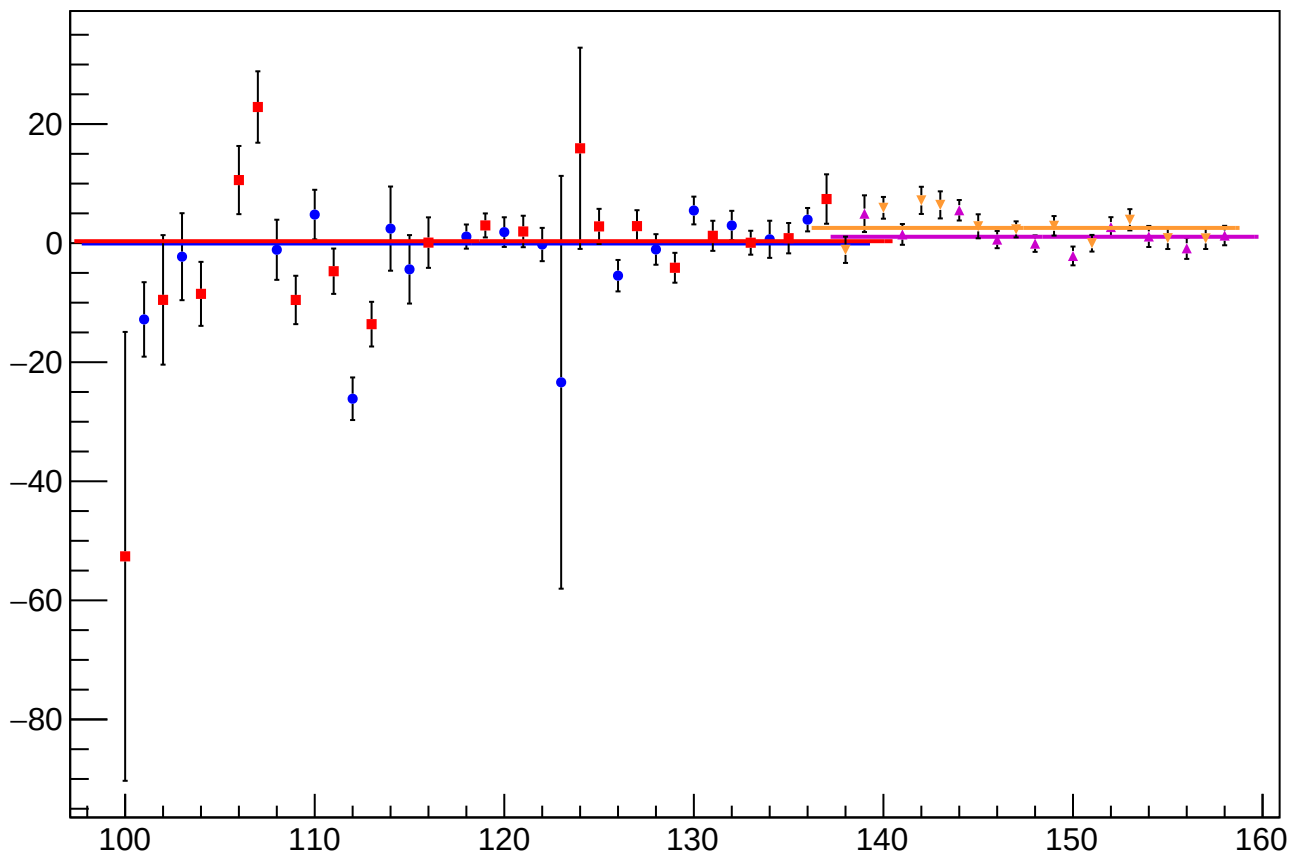
Left In: 37.674+/-0.625 χ^2/NDF : 21.2/9

+ sign 28.697+/-0.565 χ^2/NDF : 2248.6/27

All: 32.020+/-0.397 χ^2/NDF : 3791.2/56

- sign 35.258+/-0.558 χ^2/NDF : 1474.4/28

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.556 ± 0.534 χ^2/NDF : 19.1/10

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

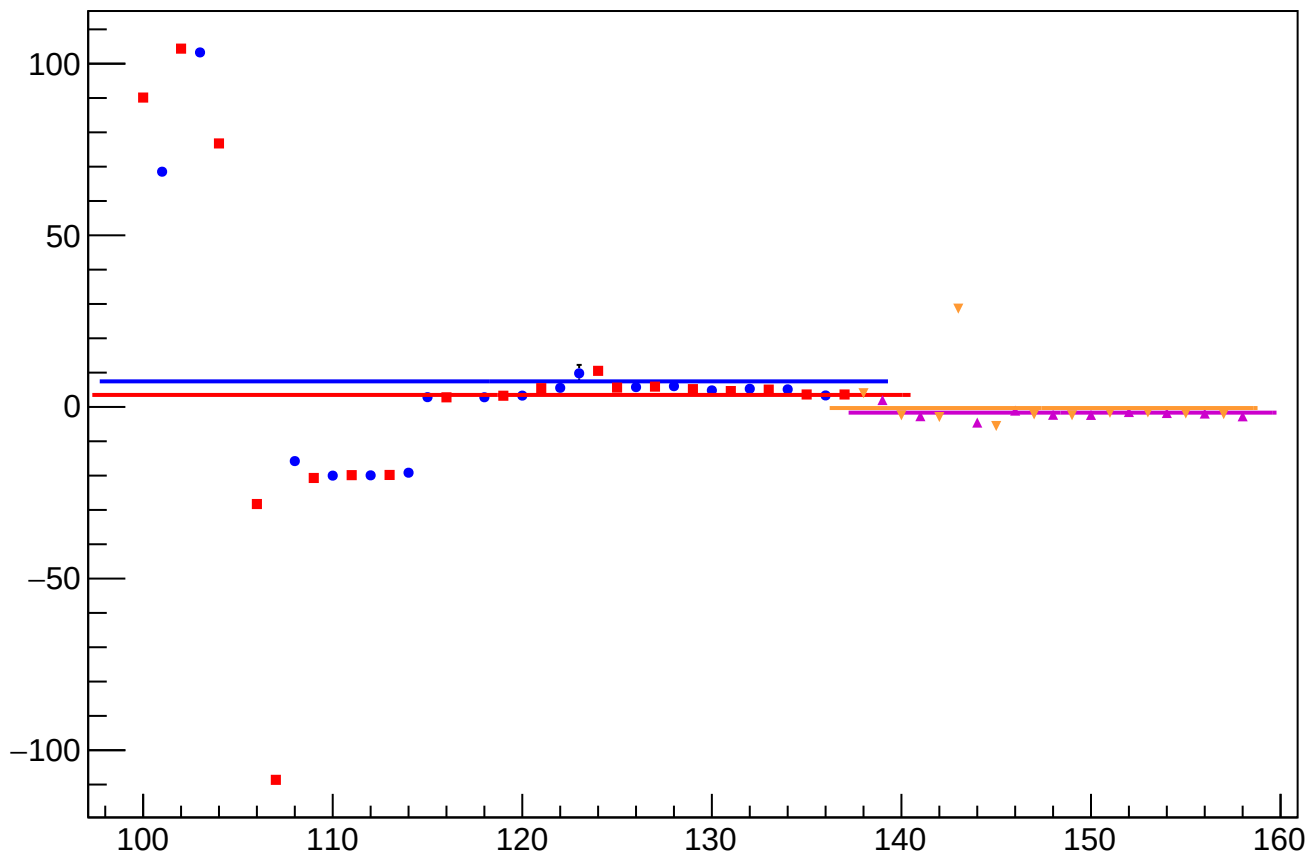
Left In: 1.068 ± 0.531 χ^2/NDF : 15.5/9

+ sign 1.665 ± 0.434 χ^2/NDF : 103.8/27

All: 1.242 ± 0.307 χ^2/NDF : 177.0/56

- sign 0.820 ± 0.433 χ^2/NDF : 71.2/28

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 χ^2/NDF : 356053.3/16

Left Out: -0.316 ± 0.025 χ^2/NDF : 71883.7/10

Right Out: 3.502 ± 0.046 χ^2/NDF : 510579.7/18

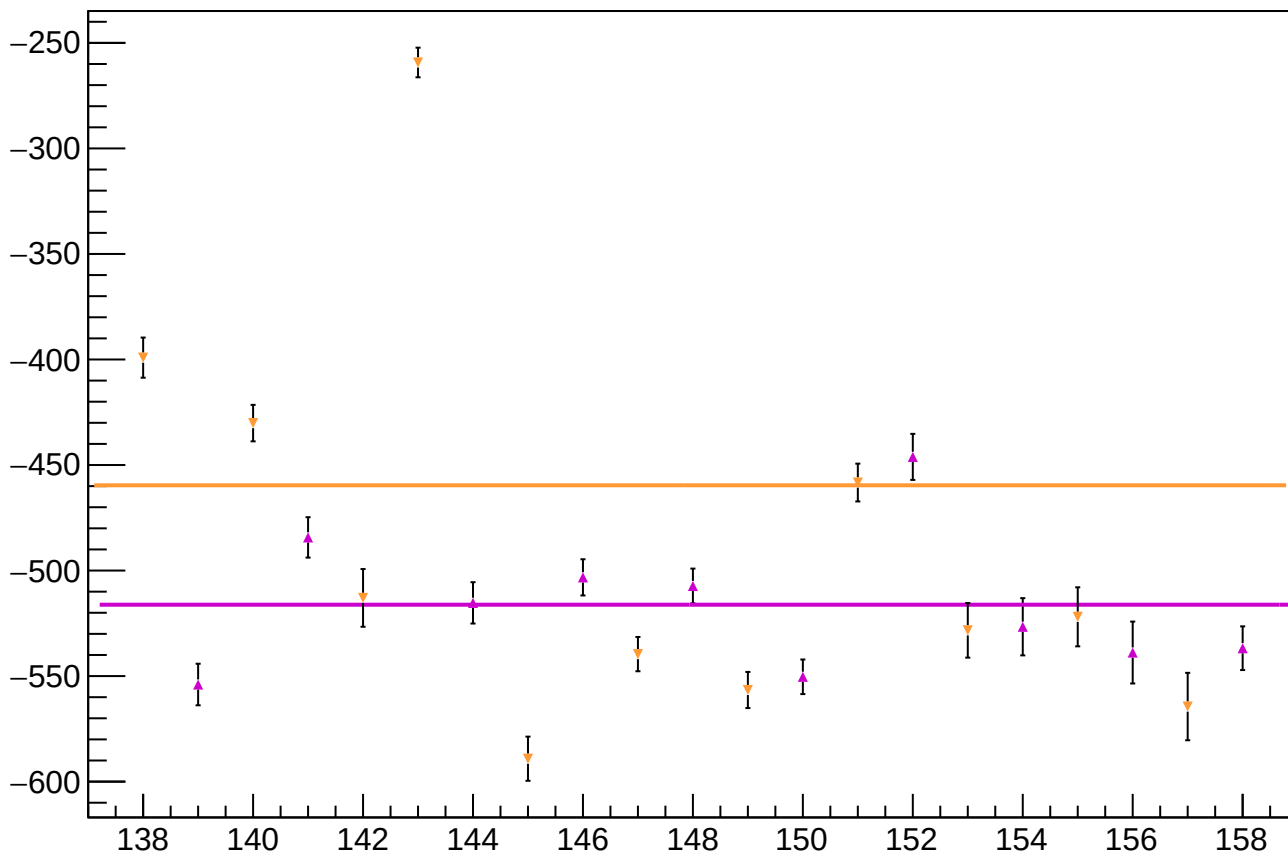
Left In: -1.660 ± 0.024 χ^2/NDF : 4417.8/9

+ sign 1.563 ± 0.022 χ^2/NDF : 451133.0/27

All: 0.510 ± 0.015 χ^2/NDF : 980691.4/56

- sign -0.510 ± 0.021 χ^2/NDF : 524980.9/28

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -459.604+/-2.942 χ^2/NDF :1352.0/10

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

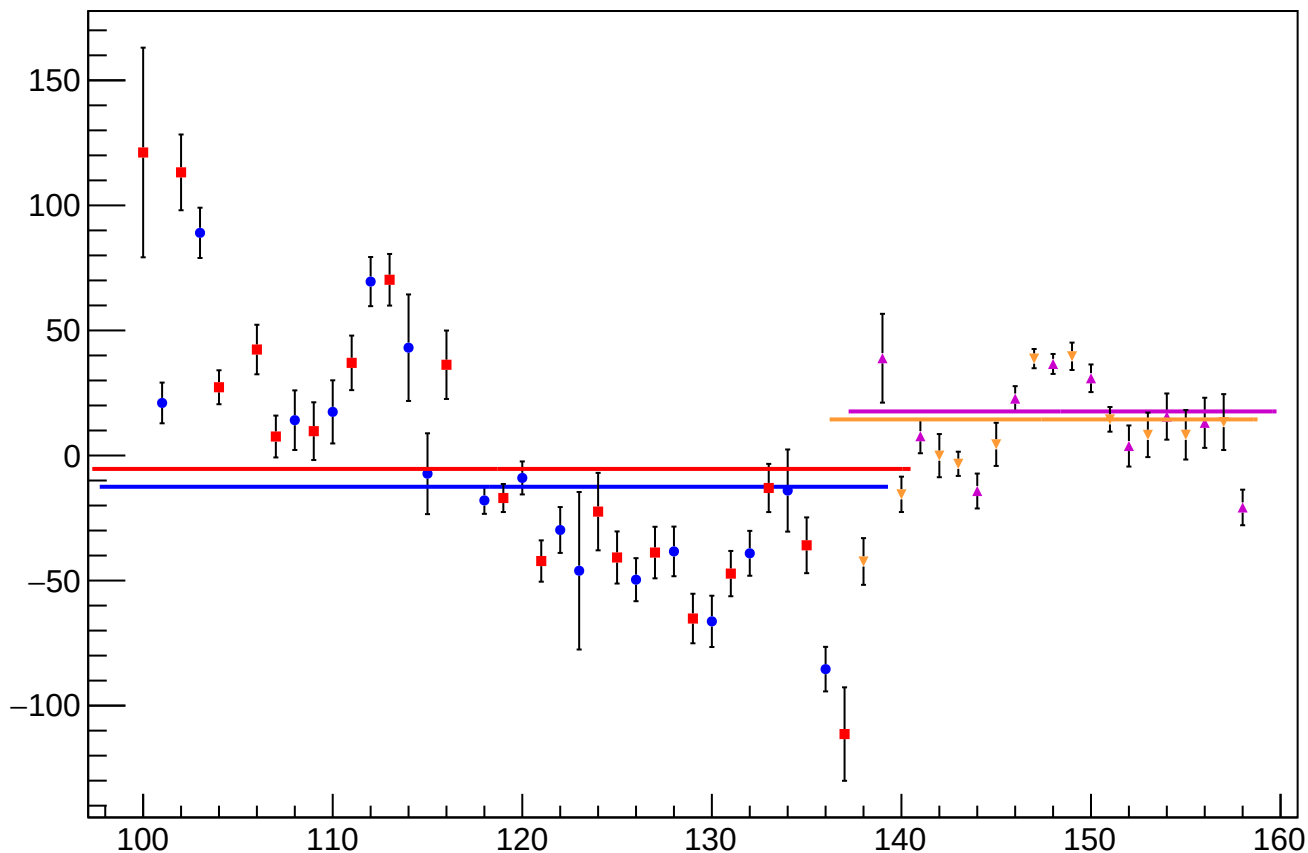
Left In: -516.185+/-3.120 χ^2/NDF :94.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -486.234+/-2.141 χ^2/NDF : 1620.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: 14.431 ± 1.910 χ^2/NDF : 134.6/10

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

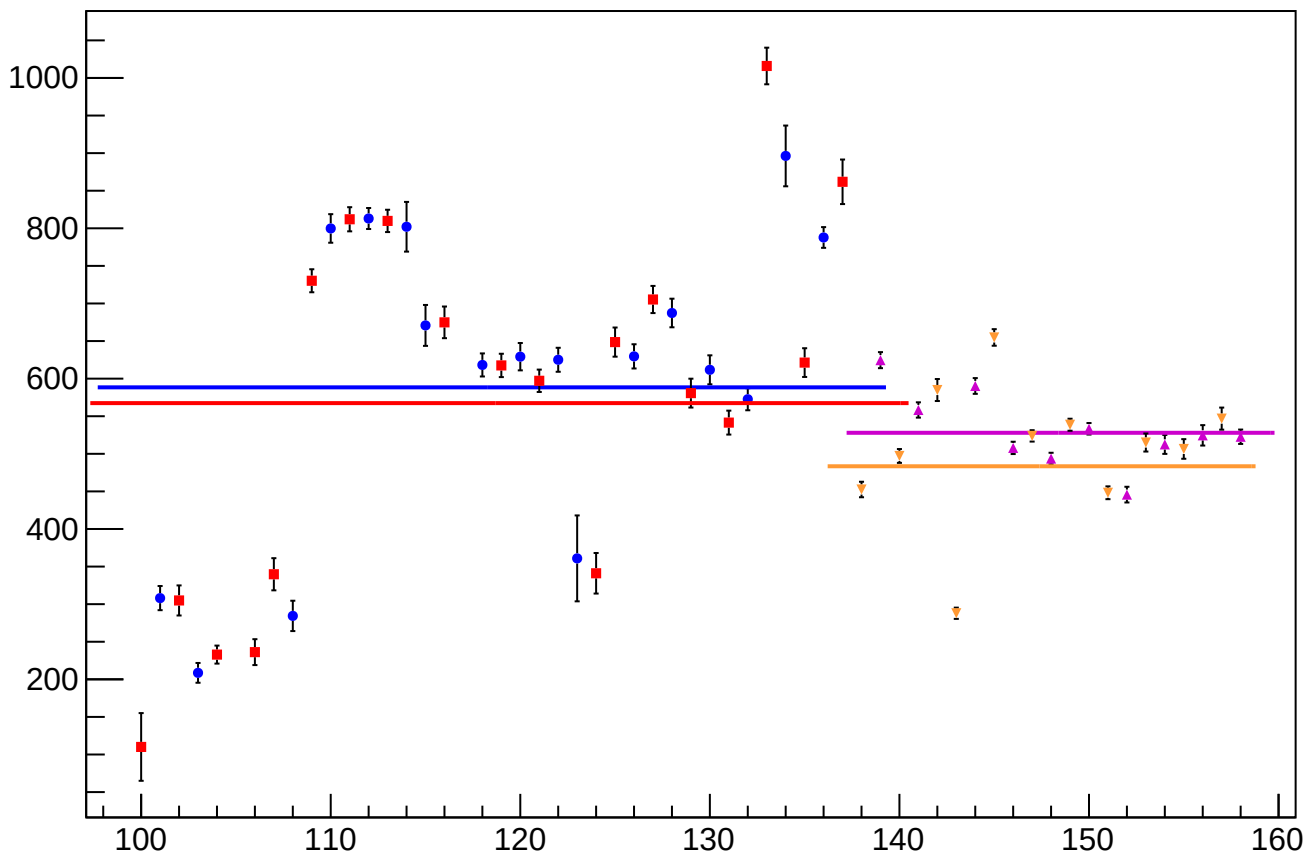
Left In: 17.621 ± 2.052 χ^2/NDF : 86.1/9

+ sign 3.498 ± 1.472 χ^2/NDF : 556.3/27

All: 5.317 ± 1.058 χ^2/NDF : 1046.7/56

- sign 7.257 ± 1.520 χ^2/NDF : 487.2/28

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 ± 4.320 χ^2/NDF : 2130.2/16

Left Out: 483.434 ± 2.934 χ^2/NDF : 1104.4/10

Right Out: 567.451 ± 4.137 χ^2/NDF : 2784.8/18

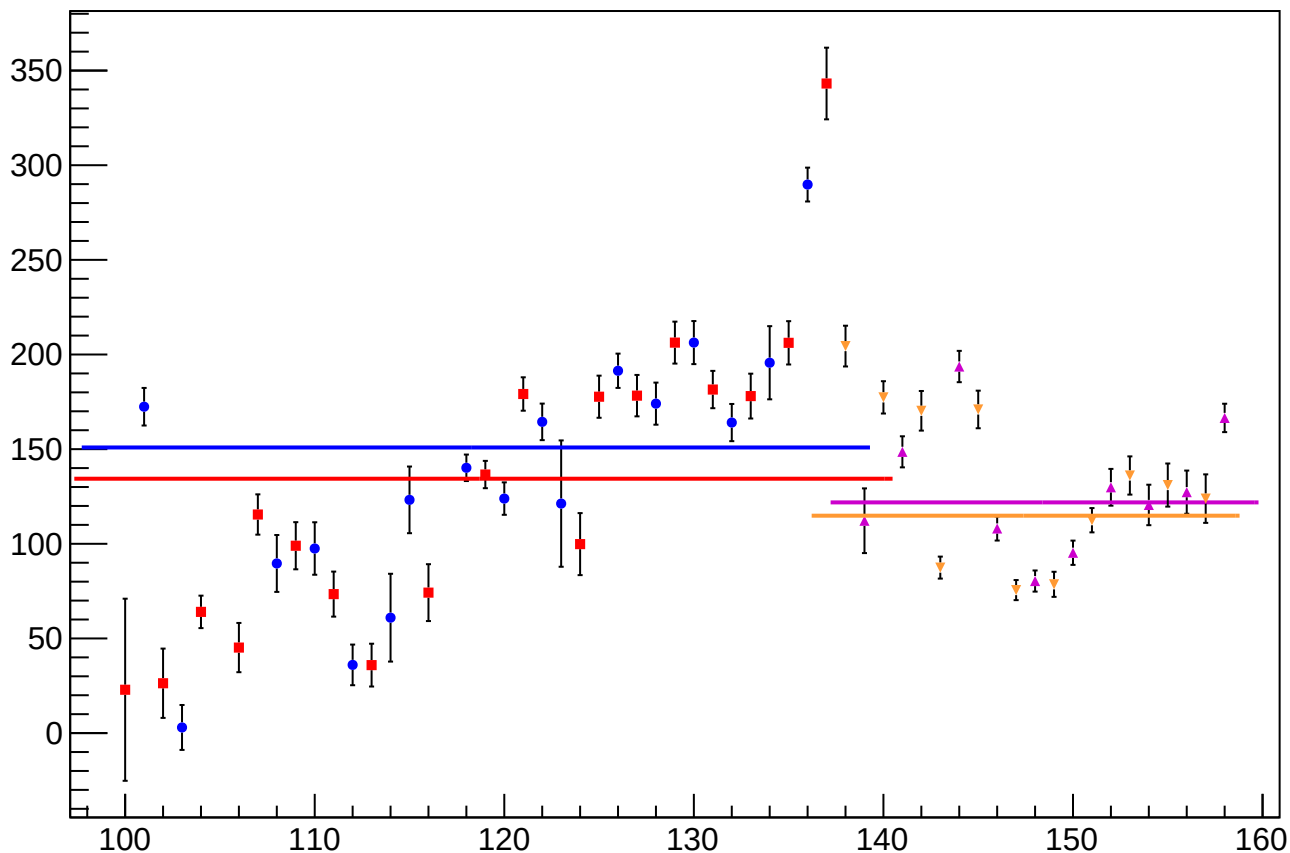
Left In: 527.969 ± 3.042 χ^2/NDF : 216.5/9

+ sign 516.573 ± 2.427 χ^2/NDF : 3638.7/27

All: 529.078 ± 1.725 χ^2/NDF : 6752.7/56

- sign 541.823 ± 2.450 χ^2/NDF : 3060.4/28

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 114.851 ± 2.373 $\chi^2/\text{NDF}: 297.1/10$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

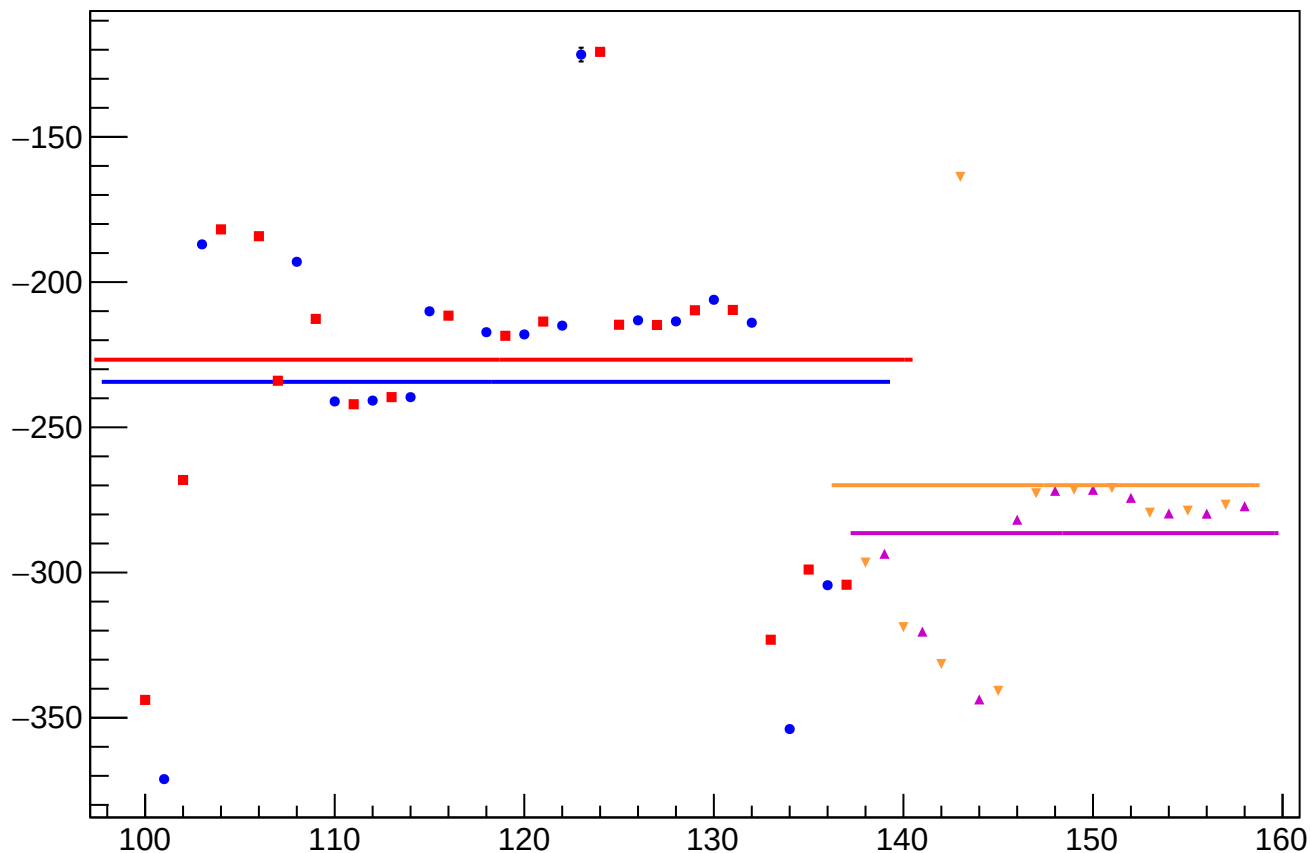
Left In: 121.875 ± 2.510 $\chi^2/\text{NDF}: 199.8/9$

+ sign 130.734 ± 1.775 $\chi^2/\text{NDF}: 1033.5/27$

All: 129.327 ± 1.268 $\chi^2/\text{NDF}: 1831.3/56$

- sign 127.860 ± 1.812 $\chi^2/\text{NDF}: 796.5/28$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -269.924+/-0.120 χ^2/NDF : 182237.6/10

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

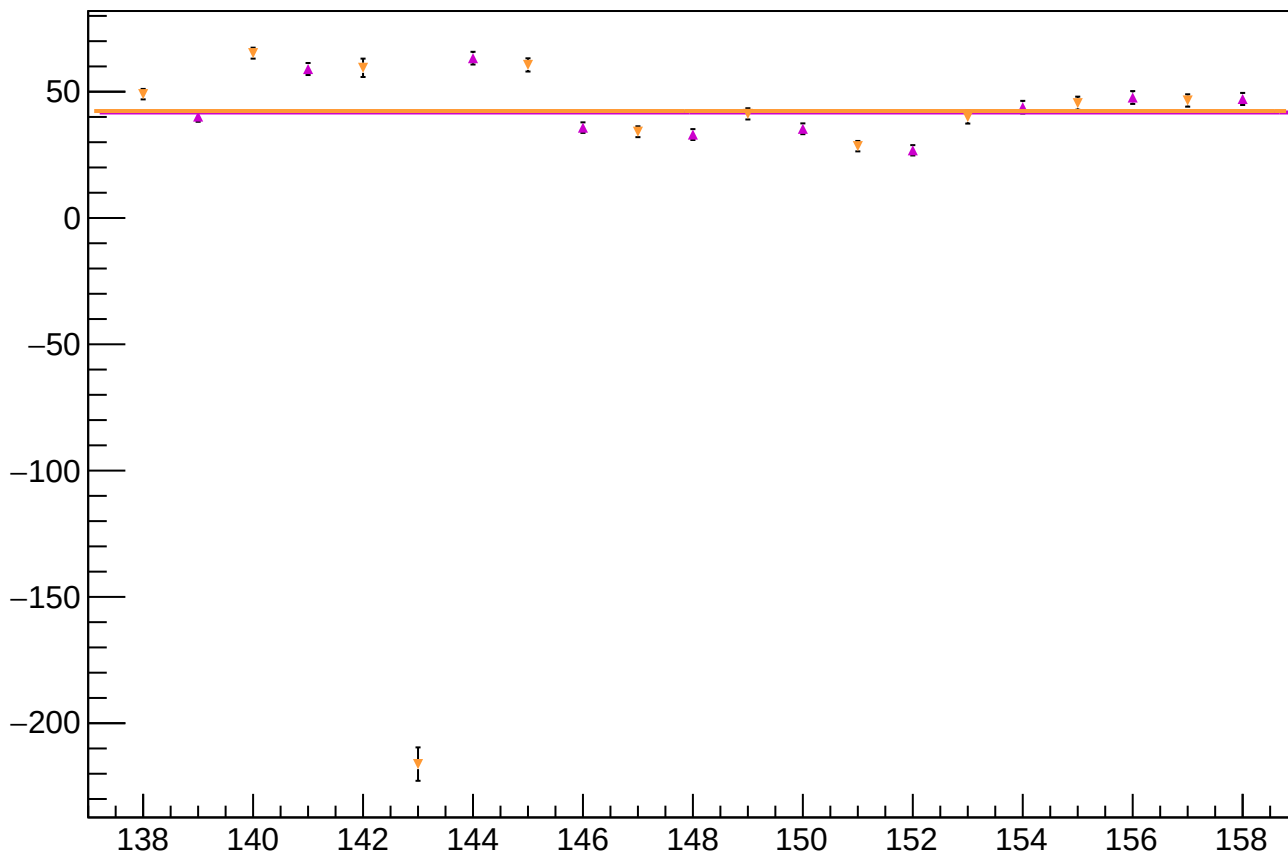
Left In: -286.427+/-0.122 χ^2/NDF : 28973.6/9

+ sign -255.797+/-0.093 χ^2/NDF : 362113.3/27

All: -258.438+/-0.066 χ^2/NDF : 594628.7/56

- sign -261.010+/-0.092 χ^2/NDF : 230938.5/28

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 42.346+/-0.743 χ^2/NDF :1786.6/10

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

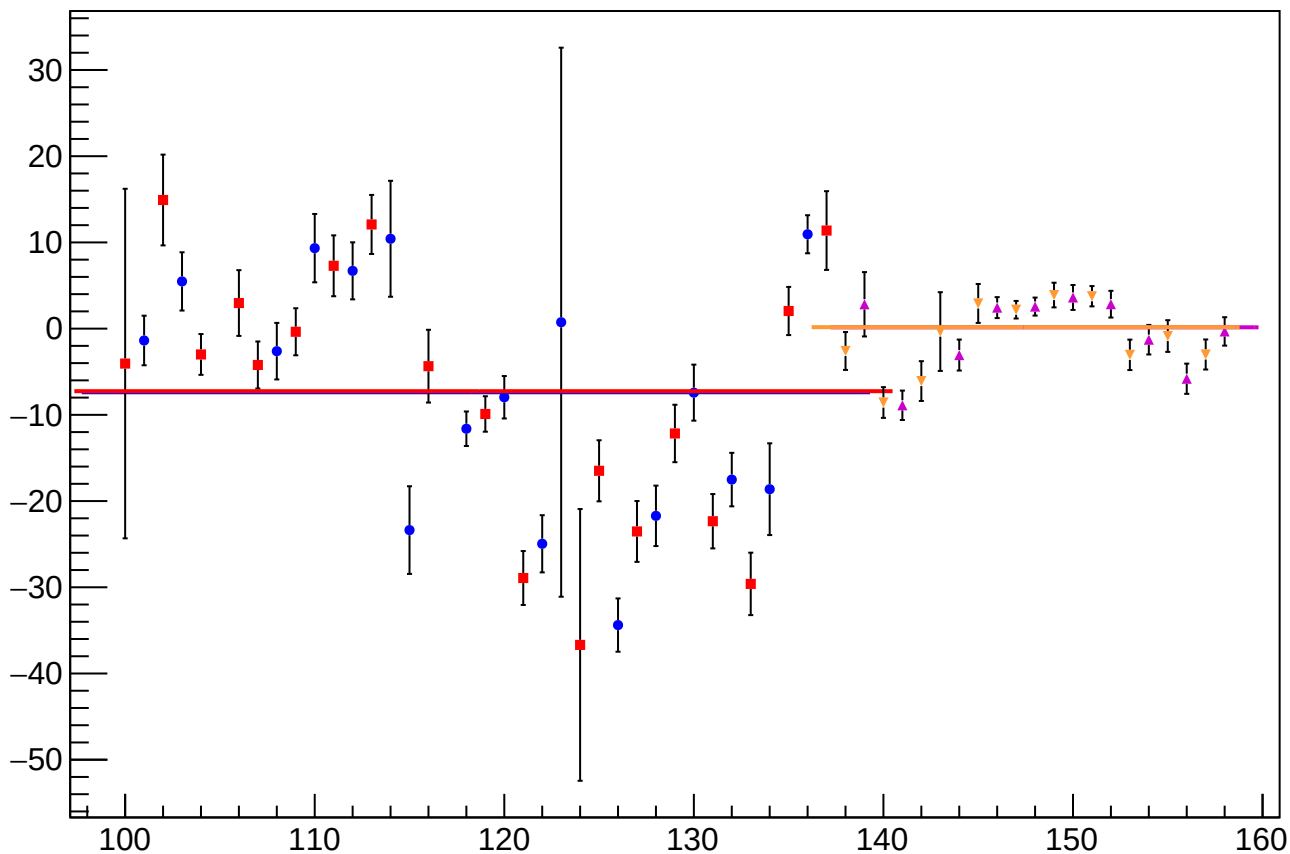
Left In: 41.767+/-0.714 χ^2/NDF :224.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.045+/-0.515 χ^2/NDF : 2011.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: 0.170 ± 0.496 χ^2/NDF : 61.4/10

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

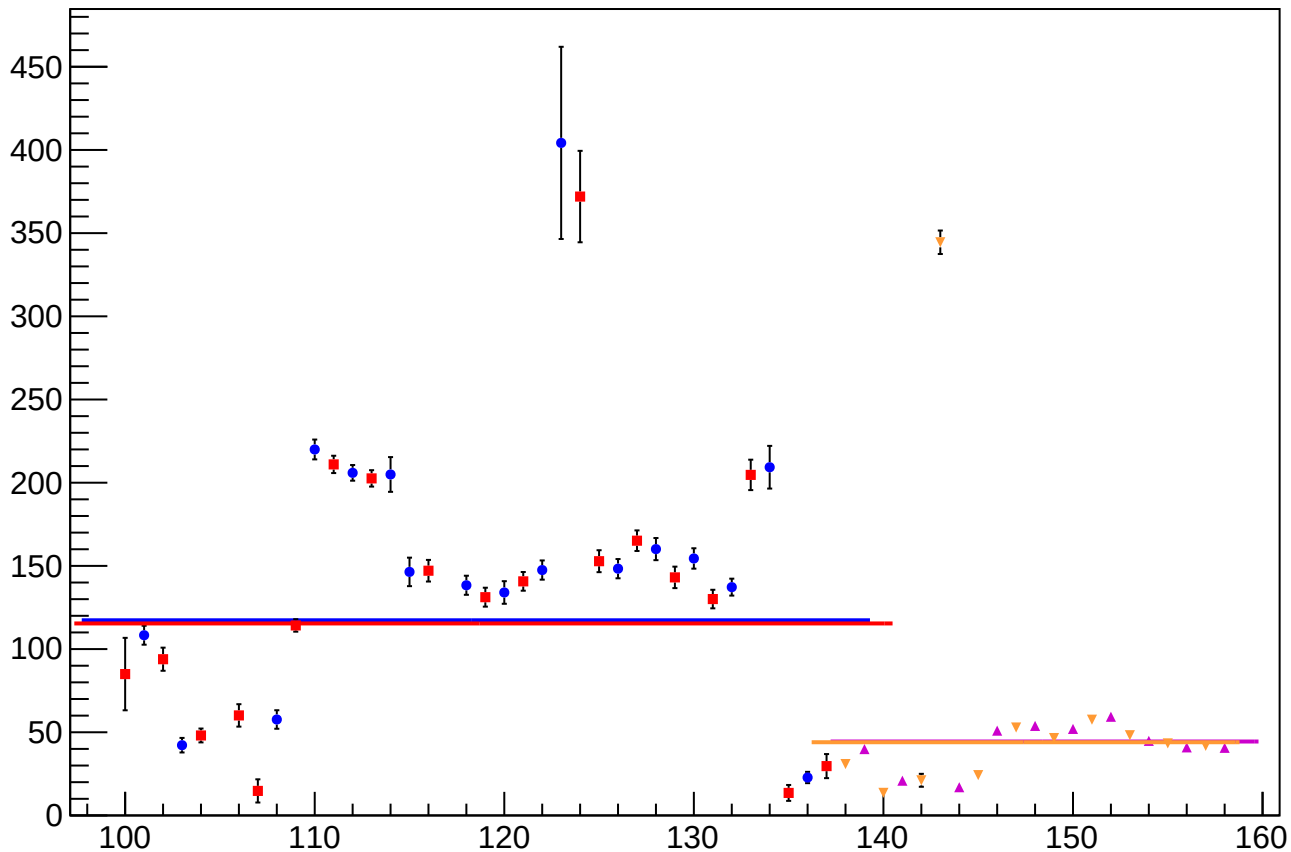
Left In: 0.153 ± 0.485 χ^2/NDF : 61.8/9

+ sign -2.007 ± 0.418 χ^2/NDF : 411.9/27

All: -1.996 ± 0.292 χ^2/NDF : 798.3/56

- sign -1.985 ± 0.409 χ^2/NDF : 386.4/28

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 44.010 $\pm$ 0.728 χ^2 /NDF:2179.8/10

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

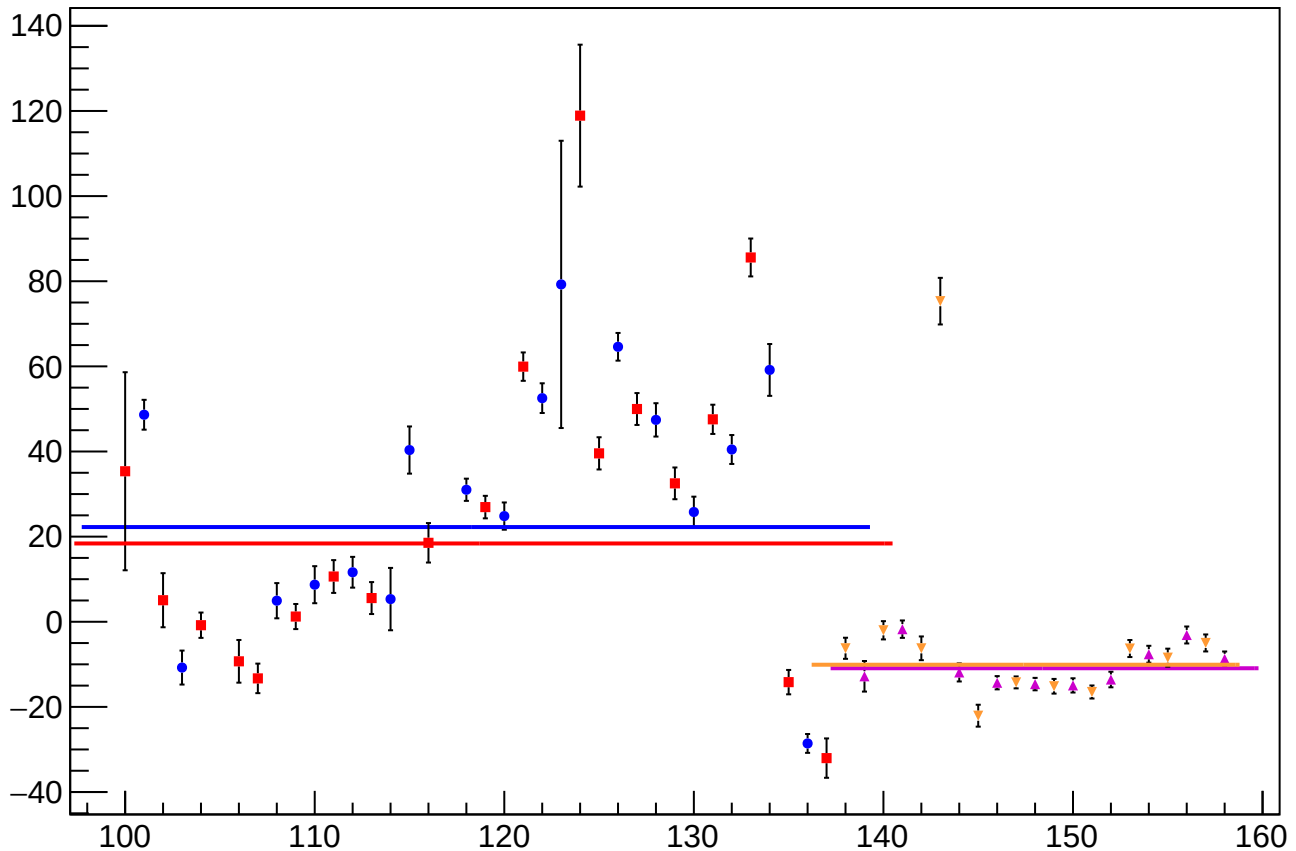
Left In: 44.442 $\pm$ 0.695 χ^2 /NDF:304.7/9

+ sign 59.458 $\pm$ 0.647 χ^2 /NDF: 6477.8/27

All: 59.278 $\pm$ 0.447 χ^2 /NDF: 11091.0/56

- sign 59.112 $\pm$ 0.619 χ^2 /NDF: 4613.0/28

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 ± 0.889 $\chi^2/\text{NDF}: 1071.4/16$

Left Out: -10.093 ± 0.610 $\chi^2/\text{NDF}: 329.2/10$

Right Out: 18.395 ± 0.872 $\chi^2/\text{NDF}: 1077.1/18$

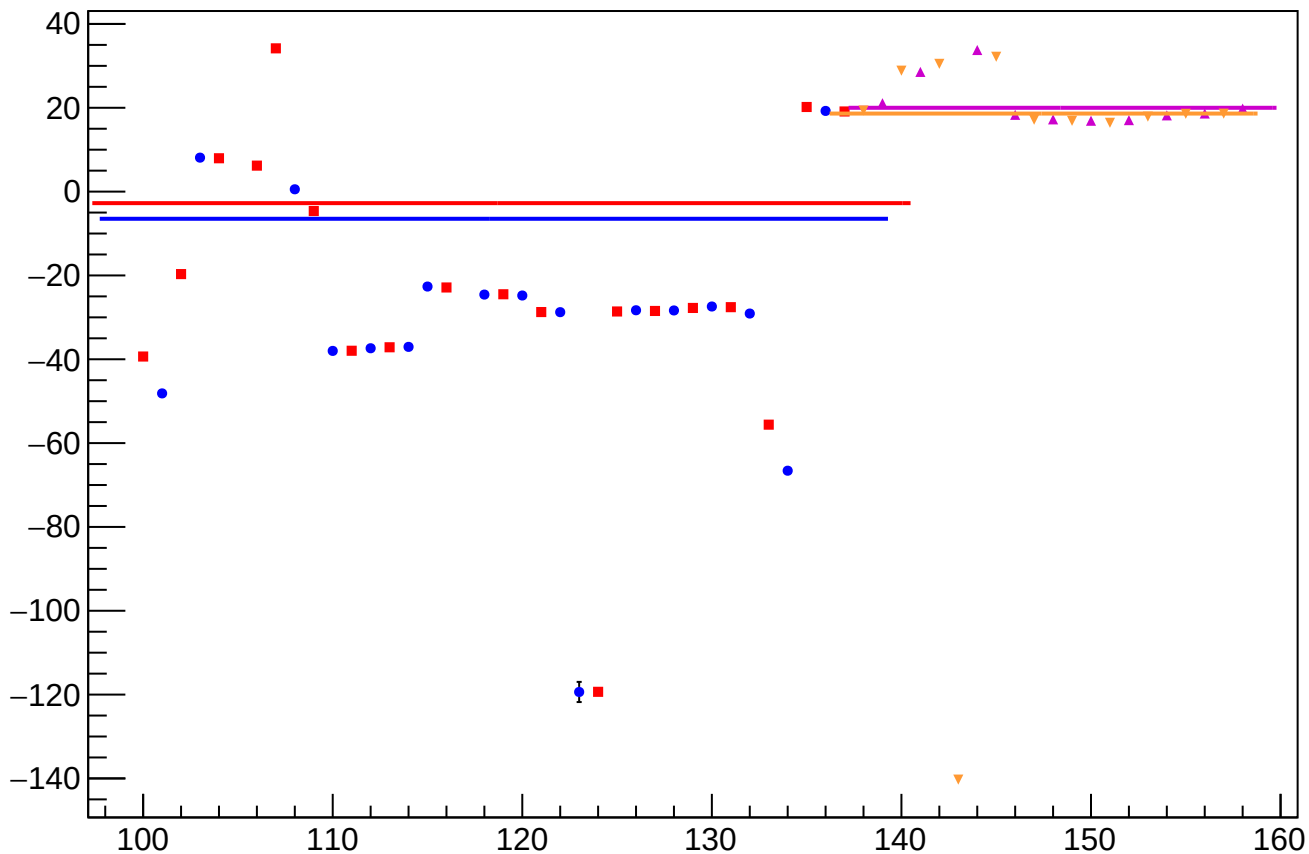
Left In: -10.921 ± 0.586 $\chi^2/\text{NDF}: 59.5/9$

+ sign 0.261 ± 0.503 $\chi^2/\text{NDF}: 2300.2/27$

All: -0.801 ± 0.350 $\chi^2/\text{NDF}: 4224.2/56$

- sign -1.795 ± 0.486 $\chi^2/\text{NDF}: 1915.4/28$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 18.619 ± 0.029 χ^2/NDF : 348554.0/10

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

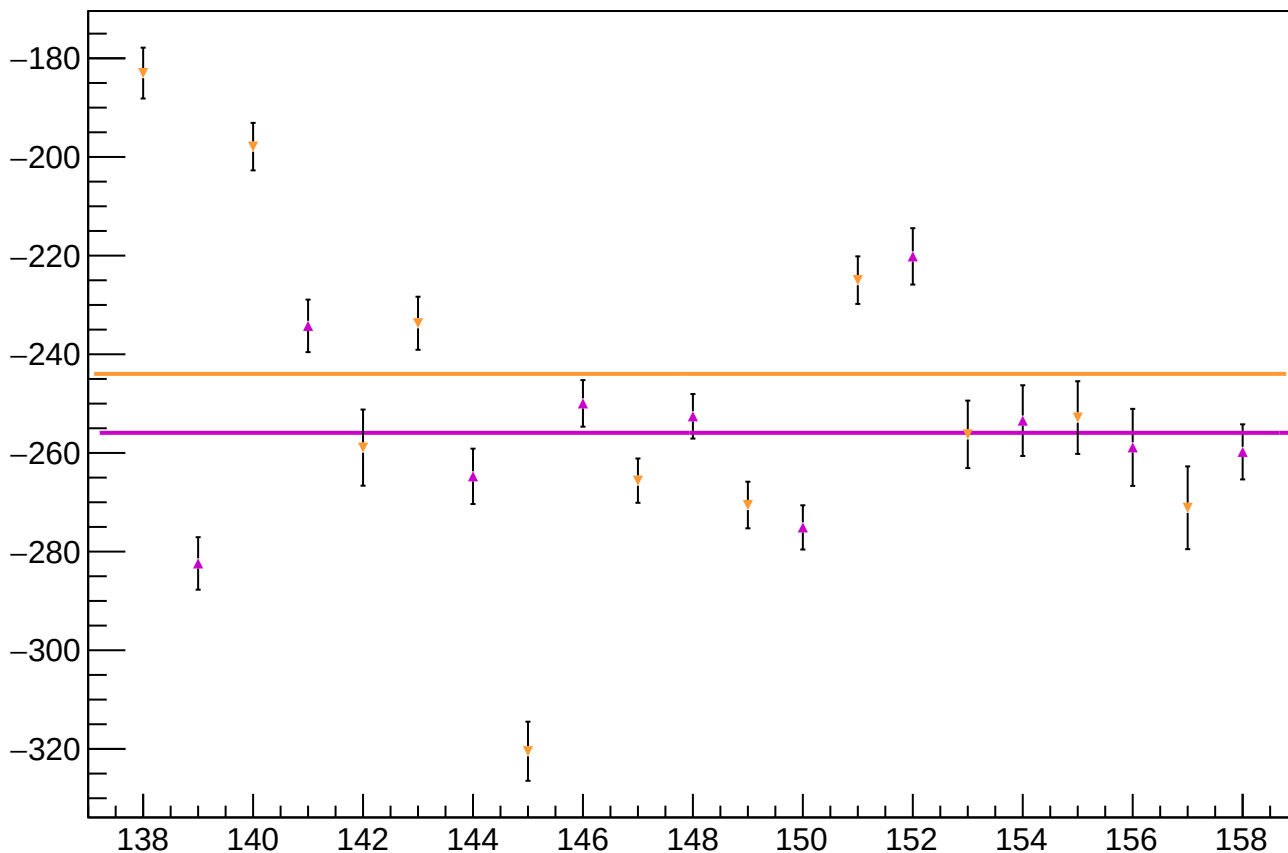
Left In: 19.998 ± 0.027 χ^2/NDF : 25860.1/9

+ sign 11.558 ± 0.024 χ^2/NDF : 826859.5/27

All: 12.868 ± 0.017 χ^2/NDF : 1307738.9/56

- sign 14.058 ± 0.023 χ^2/NDF : 475417.0/28

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -243.973+/-1.687 χ^2/NDF : 487.5/10

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

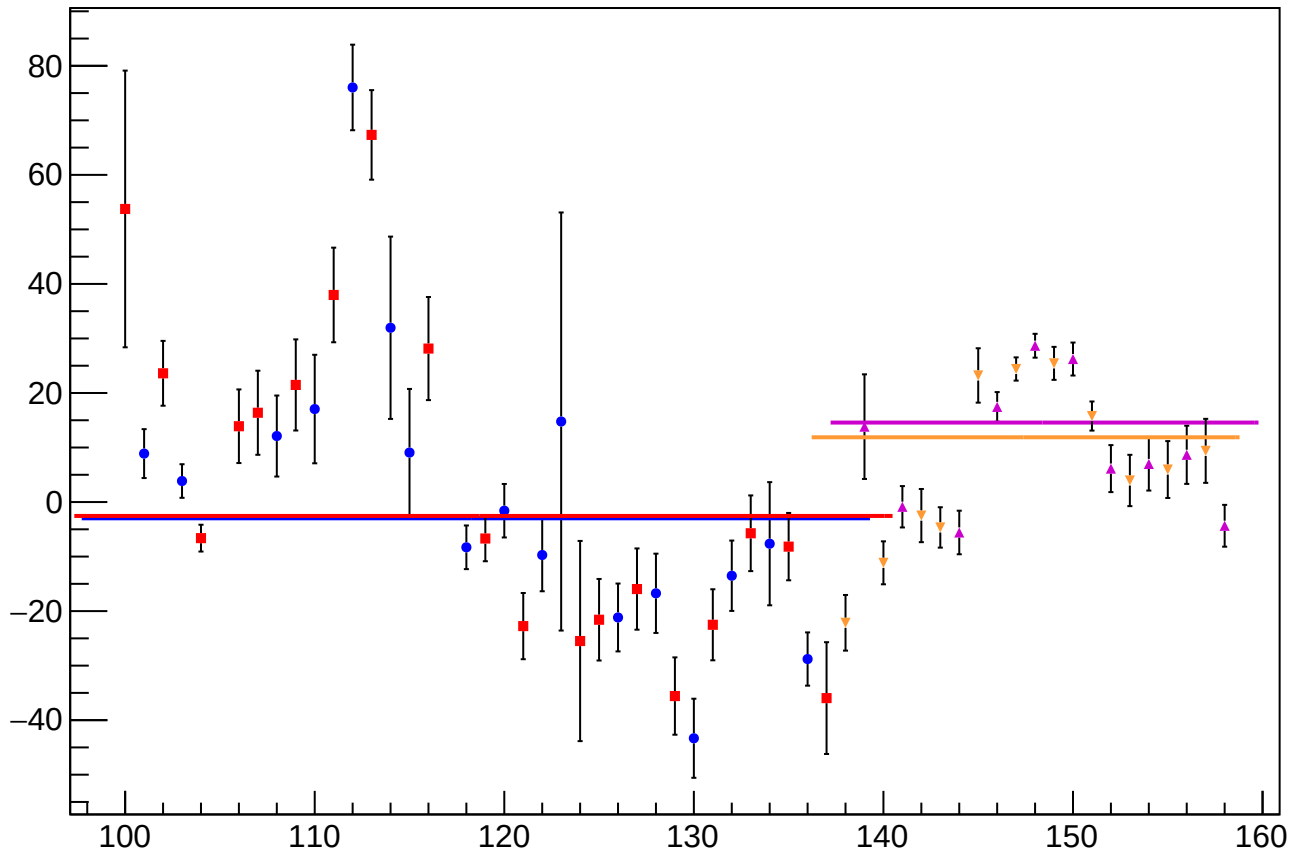
Left In: -255.925+/-1.703 χ^2/NDF : 104.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.893+/-1.199 χ^2/NDF : 616.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 11.877 ± 1.092 χ^2/NDF : 173.4/10

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

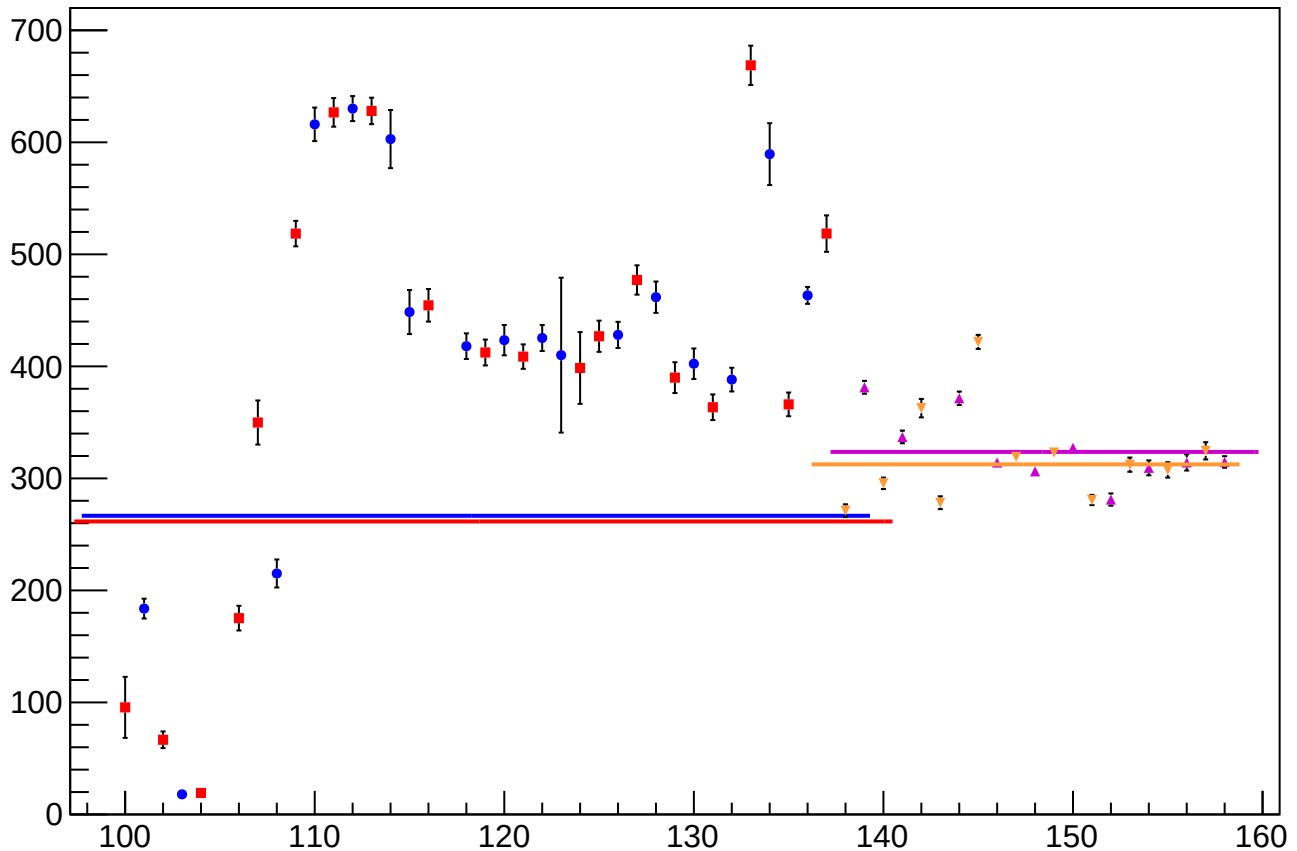
Left In: 14.575 ± 1.121 χ^2/NDF : 131.4/9

+ sign 6.504 ± 0.872 χ^2/NDF : 444.3/27

All: 7.189 ± 0.618 χ^2/NDF : 886.3/56

- sign 7.878 ± 0.875 χ^2/NDF : 440.7/28

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 ± 2.477 $\chi^2/\text{NDF}: 7662.7/16$

Left Out: 312.517 ± 1.670 $\chi^2/\text{NDF}: 498.5/10$

Right Out: 261.551 ± 2.458 $\chi^2/\text{NDF}: 8208.2/18$

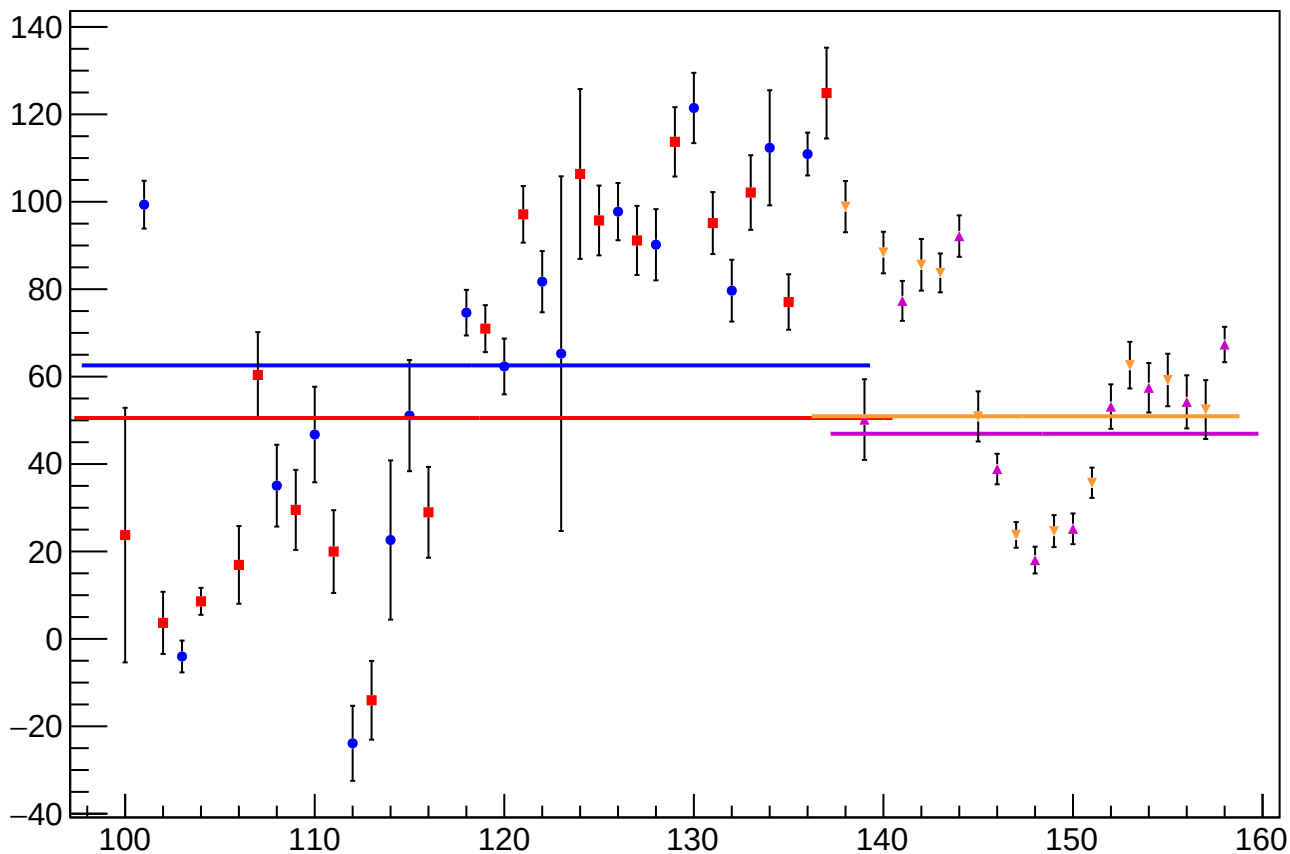
Left In: 323.629 ± 1.658 $\chi^2/\text{NDF}: 261.2/9$

+ sign 298.173 ± 1.385 $\chi^2/\text{NDF}: 8397.1/27$

All: 301.218 ± 0.976 $\chi^2/\text{NDF}: 17314.6/56$

- sign 304.217 ± 1.374 $\chi^2/\text{NDF}: 8907.9/28$

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 50.934 $\pm$ 1.359 χ^2 /NDF: 380.6/10

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

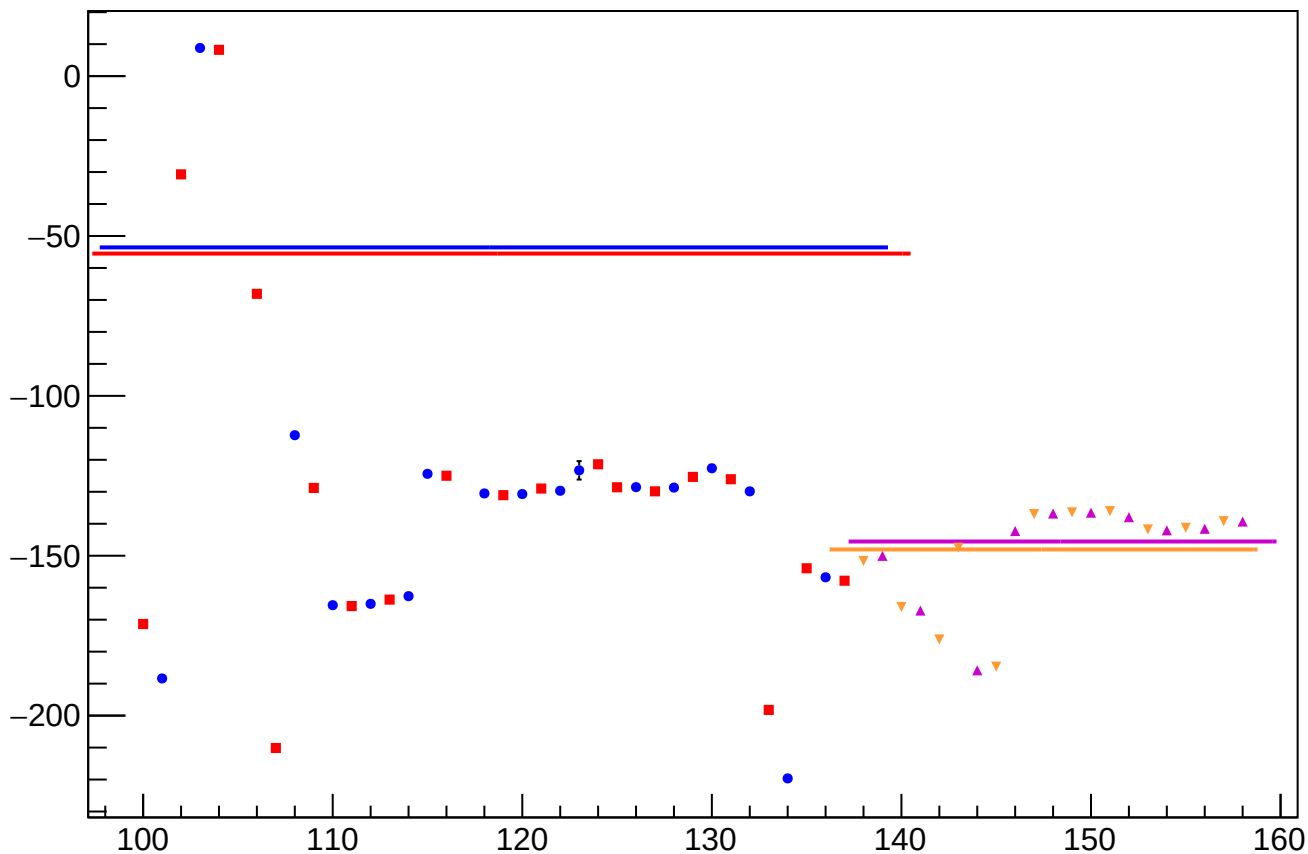
Left In: 46.934 $\pm$ 1.370 χ^2 /NDF: 300.2/9

+ sign 55.541 $\pm$ 1.056 χ^2 /NDF: 1132.0/27

All: 51.962 $\pm$ 0.746 χ^2 /NDF: 2114.9/56

- sign 48.407 $\pm$ 1.052 χ^2 /NDF: 960.0/28

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 $\chi^2/\text{NDF}: 1230233.3/16$

Left Out: -148.041 ± 0.068 $\chi^2/\text{NDF}: 48761.6/10$

Right Out: -55.502 ± 0.072 $\chi^2/\text{NDF}: 969632.0/18$

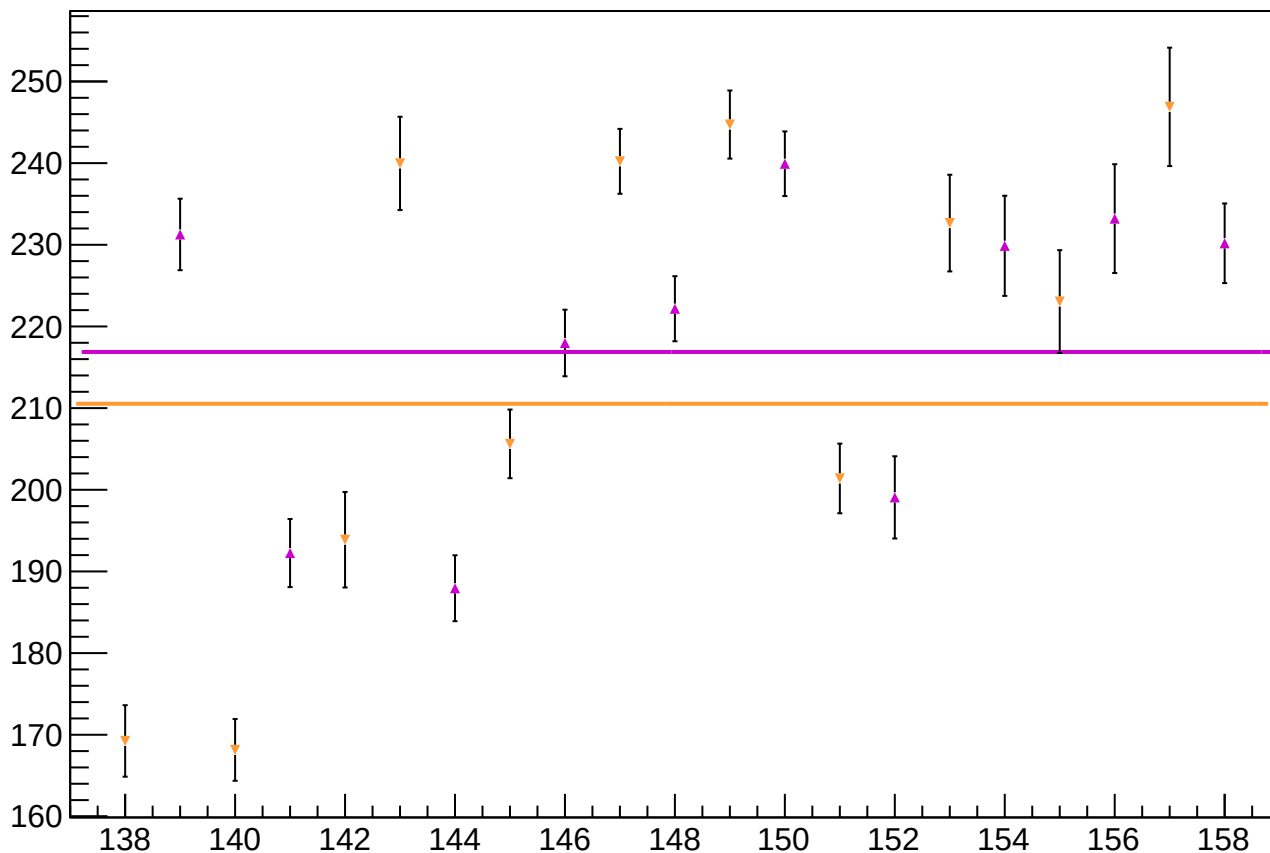
Left In: -145.552 ± 0.066 $\chi^2/\text{NDF}: 40857.8/9$

+ sign -102.072 ± 0.049 $\chi^2/\text{NDF}: 2206924.3/27$

All: -103.188 ± 0.035 $\chi^2/\text{NDF}: 4068093.0/56$

- sign -104.288 ± 0.049 $\chi^2/\text{NDF}: 1860140.0/28$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 210.533+/-1.433 χ^2/NDF : 421.3/10

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

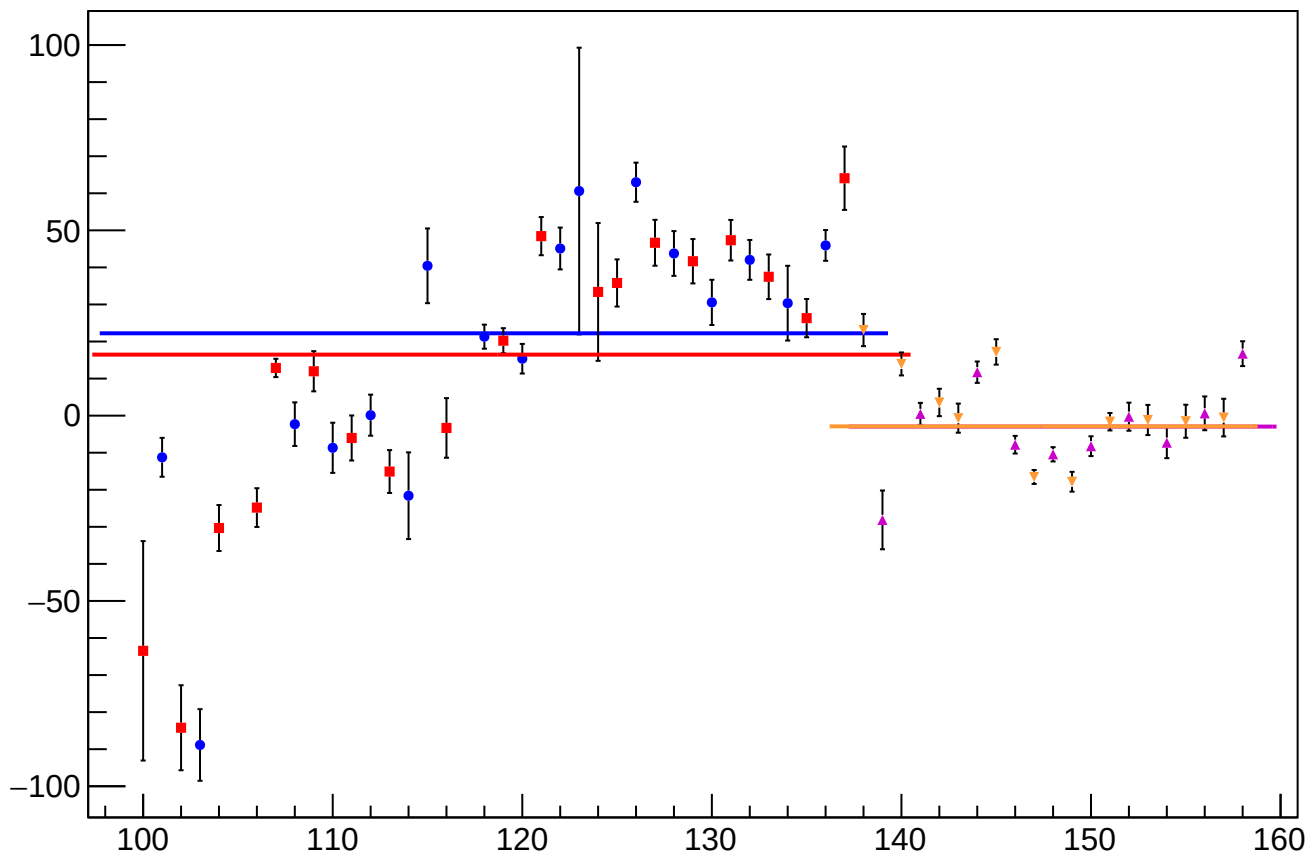
Left In: 216.876+/-1.431 χ^2/NDF : 163.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.710+/-1.012 χ^2/NDF : 594.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF : 385.6/16

Left Out: -2.891+/-0.940 χ^2/NDF : 187.5/10

Right Out: 16.466+/-1.230 χ^2/NDF : 425.9/18

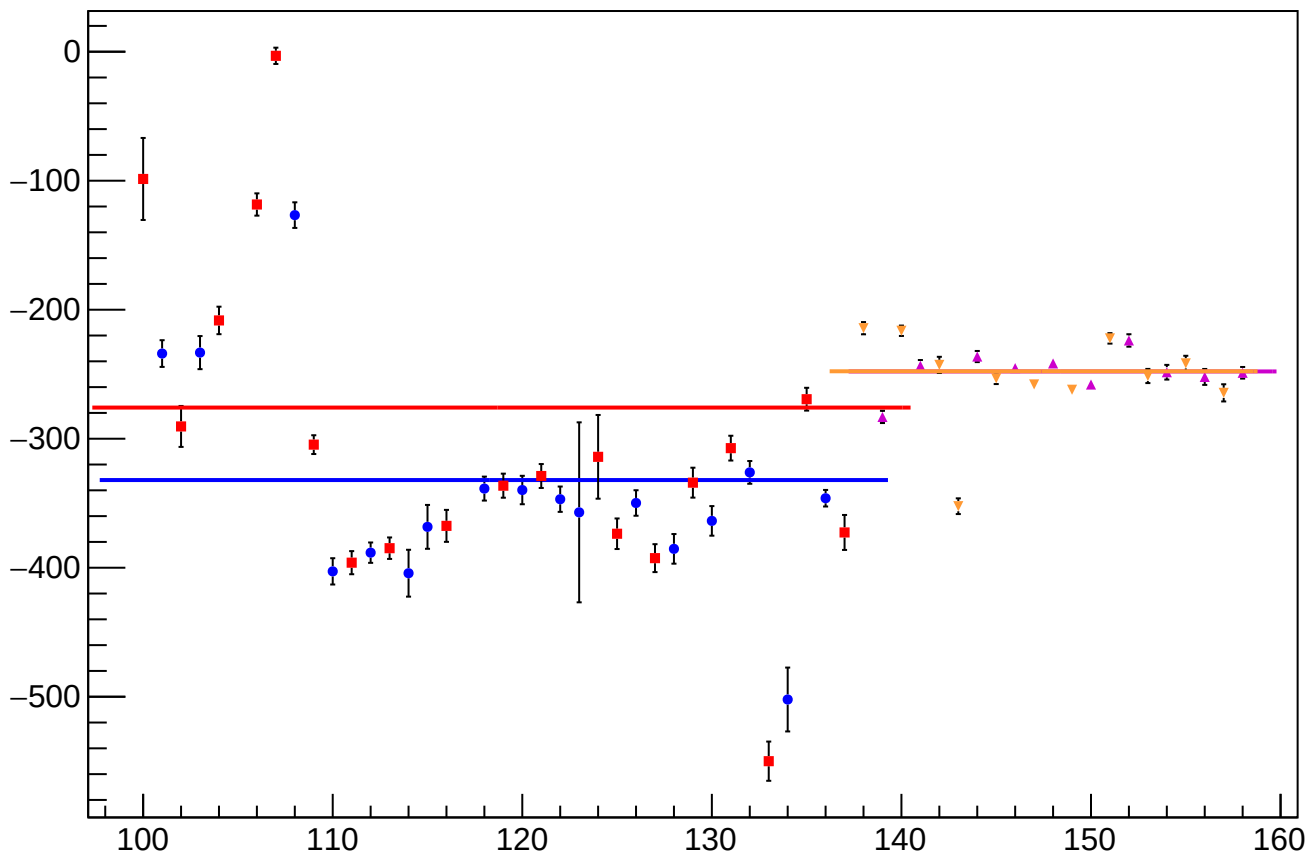
Left In: -2.950+/-0.954 χ^2/NDF : 97.2/9

+ sign 5.118+/-0.776 χ^2/NDF : 800.7/27

All: 4.722+/-0.541 χ^2/NDF : 1479.9/56

- sign 4.348+/-0.754 χ^2/NDF : 678.7/28

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -247.721 ± 1.425 χ^2/NDF : 475.1/10

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

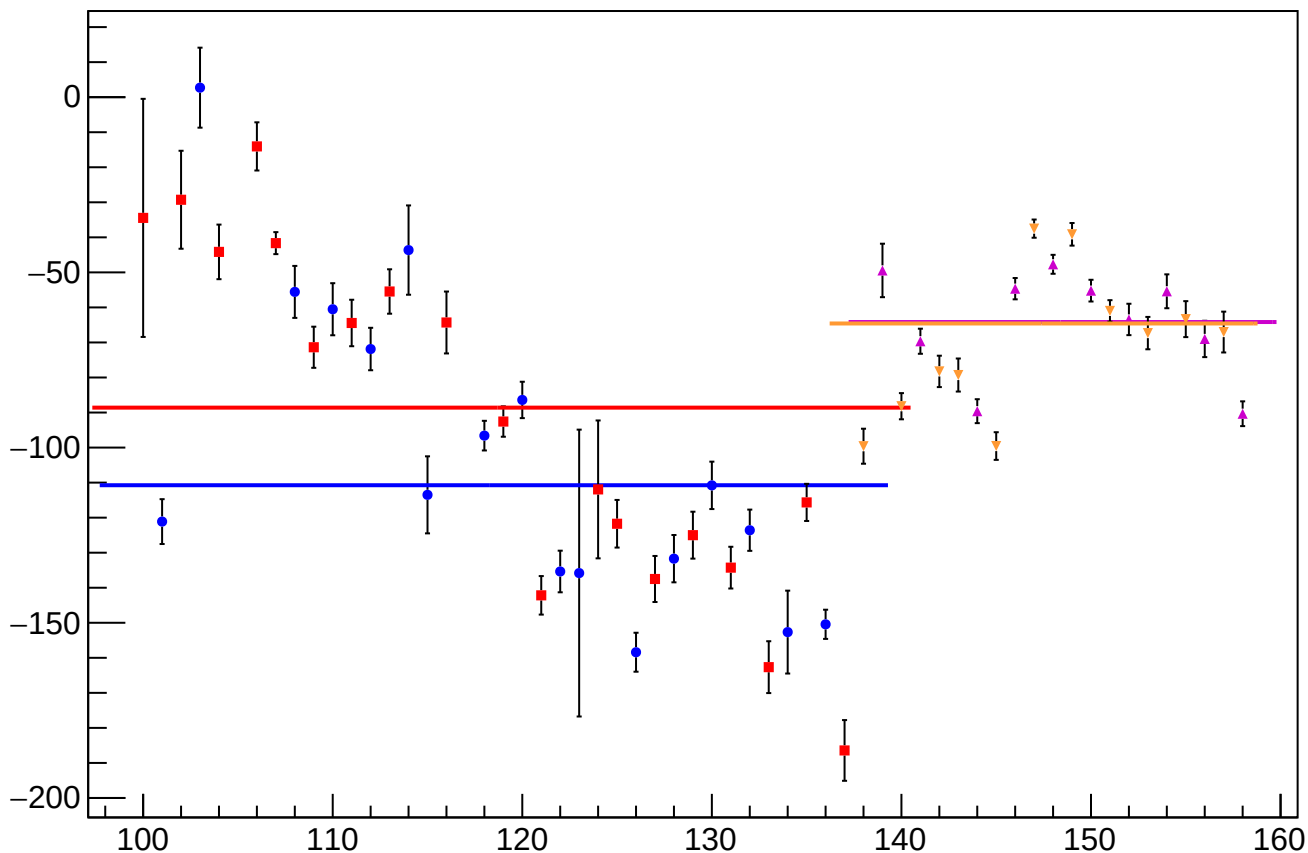
Left In: -247.852 ± 1.402 χ^2/NDF : 99.6/9

+ sign -267.643 ± 1.245 χ^2/NDF : 2087.2/27

All: -261.255 ± 0.864 χ^2/NDF : 5706.9/56

- sign -255.320 ± 1.200 χ^2/NDF : 3568.9/28

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -64.585 ± 1.166 χ^2/NDF : 359.4/10

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

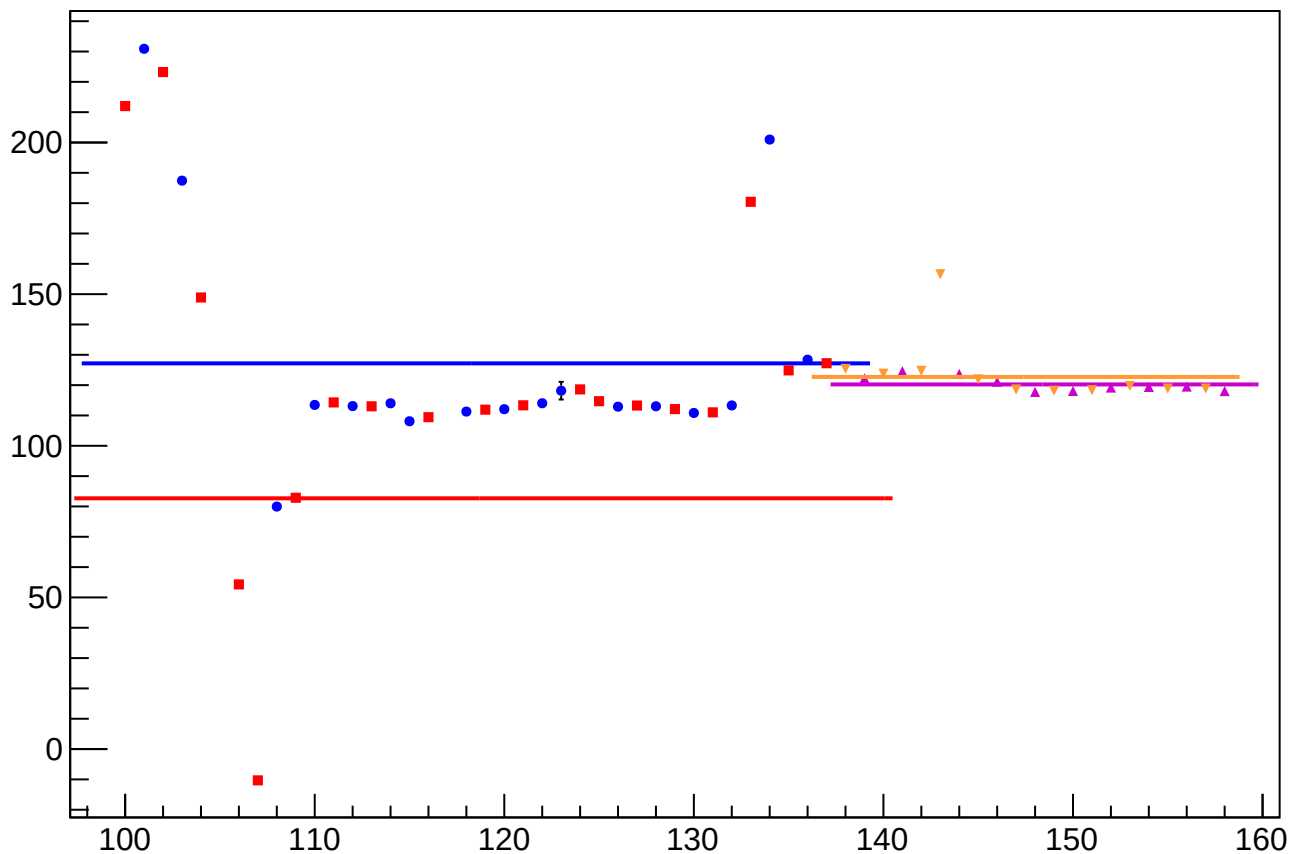
Left In: -64.170 ± 1.162 χ^2/NDF : 175.9/9

+ sign -80.895 ± 0.938 χ^2/NDF : 1426.4/27

All: -77.242 ± 0.651 χ^2/NDF : 2776.4/56

- sign -73.854 ± 0.903 χ^2/NDF : 1320.7/28

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 122.711 $\pm$ 0.058 χ^2 /NDF:22211.4/10

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

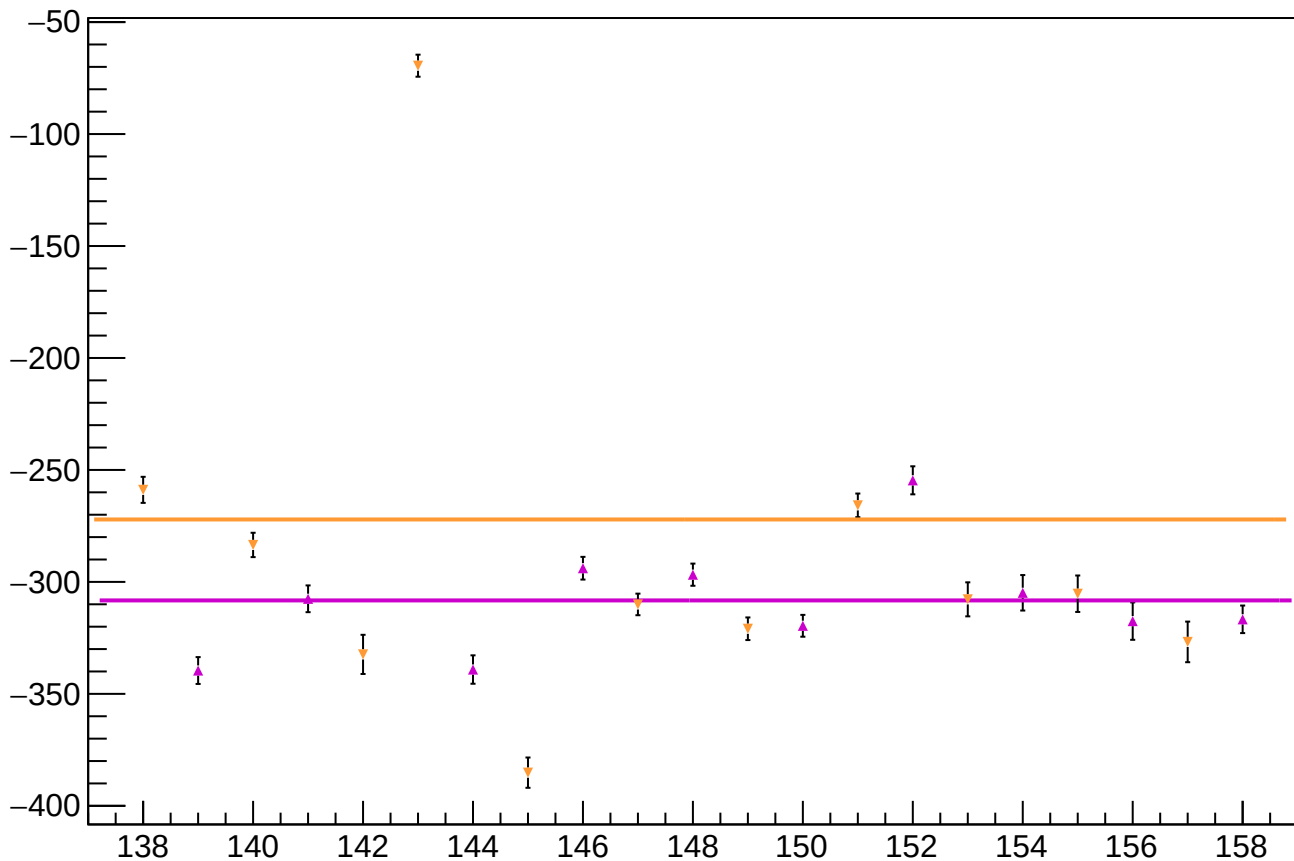
Left In: 120.231 $\pm$ 0.056 χ^2 /NDF:1769.0/9

+ sign 124.050 $\pm$ 0.049 χ^2 /NDF: 212026.6/27

All: 114.762 $\pm$ 0.033 χ^2 /NDF: 1206865.6/56

- sign 106.873 $\pm$ 0.045 χ^2 /NDF: 927660.7/28

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -272.120+/-1.819 χ^2/NDF : 2262.3/10

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

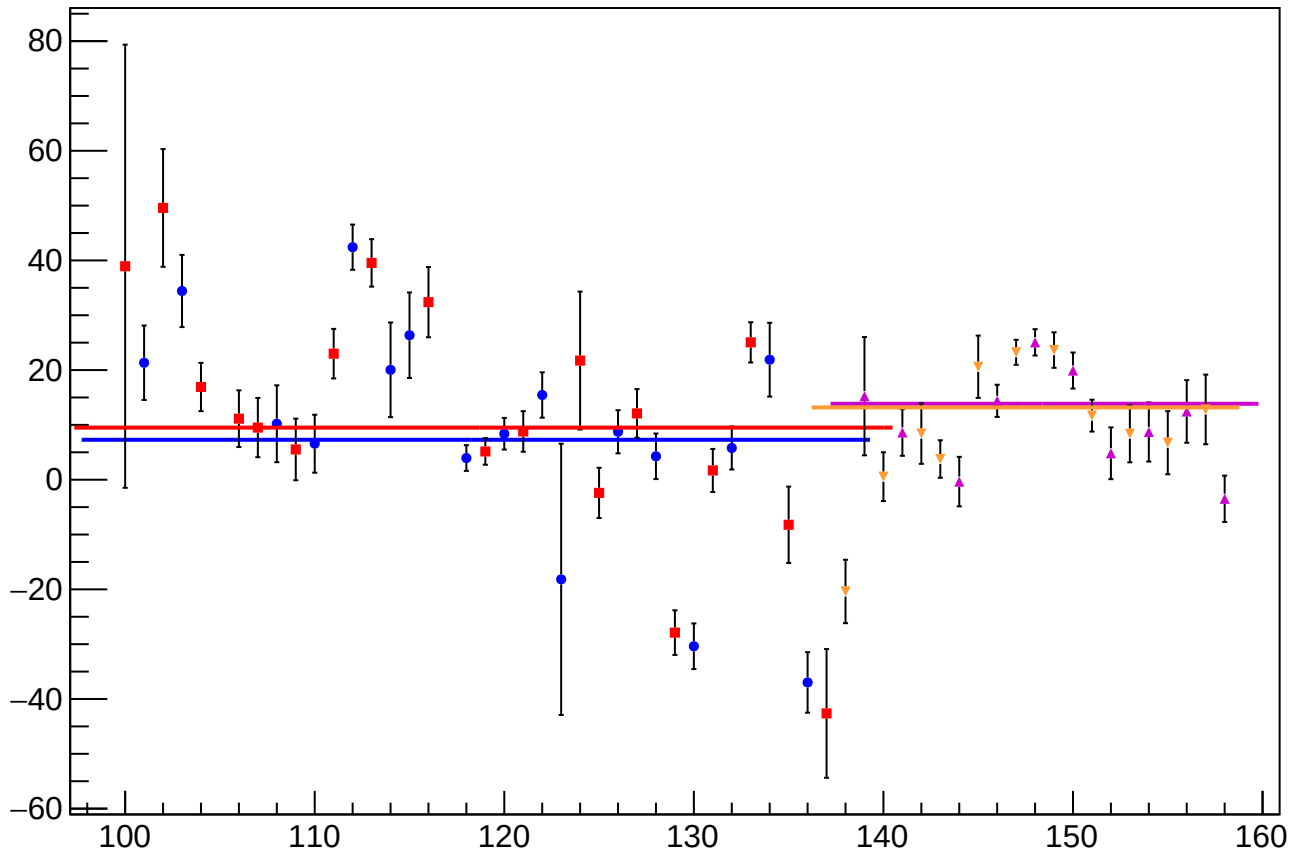
Left In: -308.271+/-1.874 χ^2/NDF : 146.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.651+/-1.305 χ^2/NDF : 2600.4/20

- 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: 13.184 ± 1.173 χ^2/NDF : 84.0/10

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

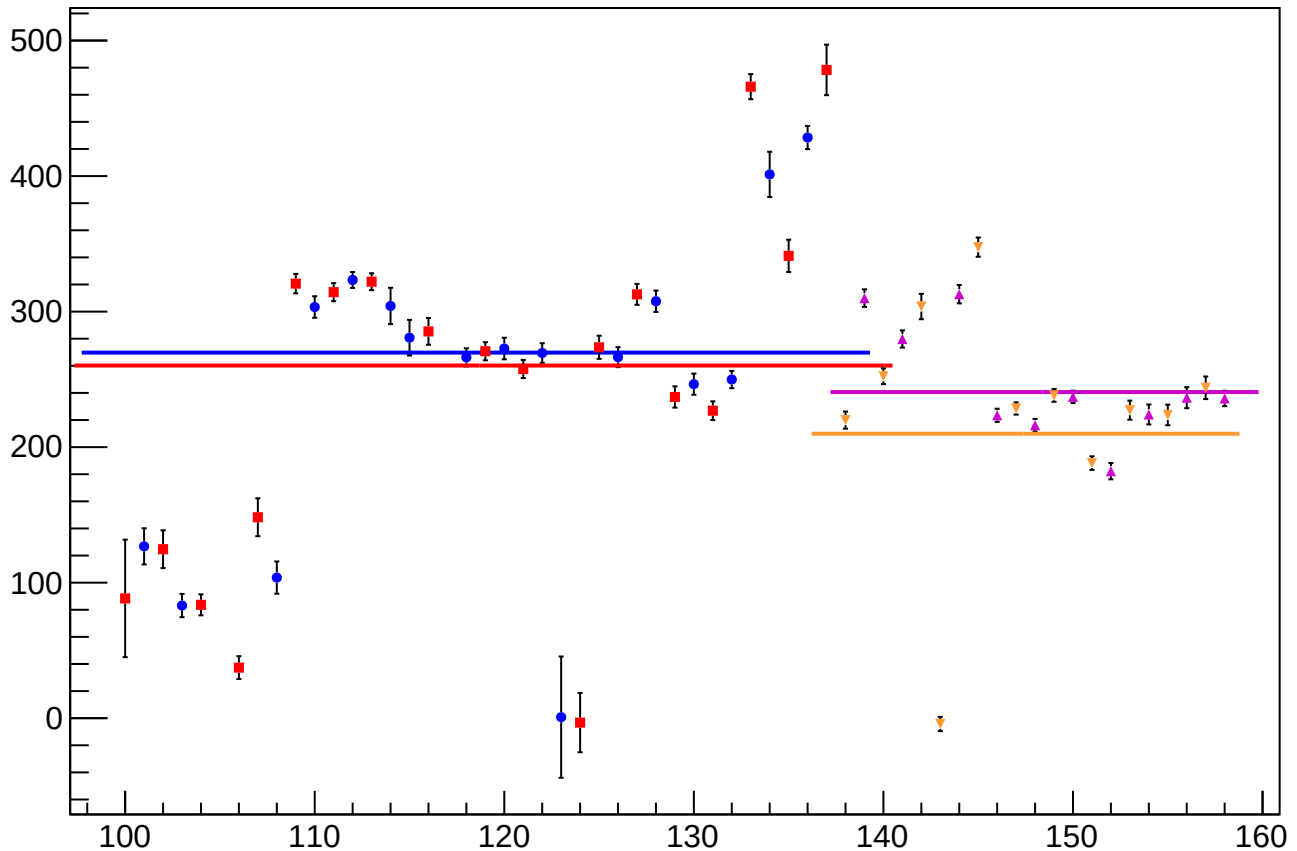
Left In: 13.849 ± 1.230 χ^2/NDF : 58.1/9

+ sign 10.001 ± 0.796 χ^2/NDF : 358.7/27

All: 10.681 ± 0.567 χ^2/NDF : 656.8/56

- sign 11.384 ± 0.809 χ^2/NDF : 296.7/28

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 209.859 $\pm$ 1.801 χ^2 /NDF:2292.6/10

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

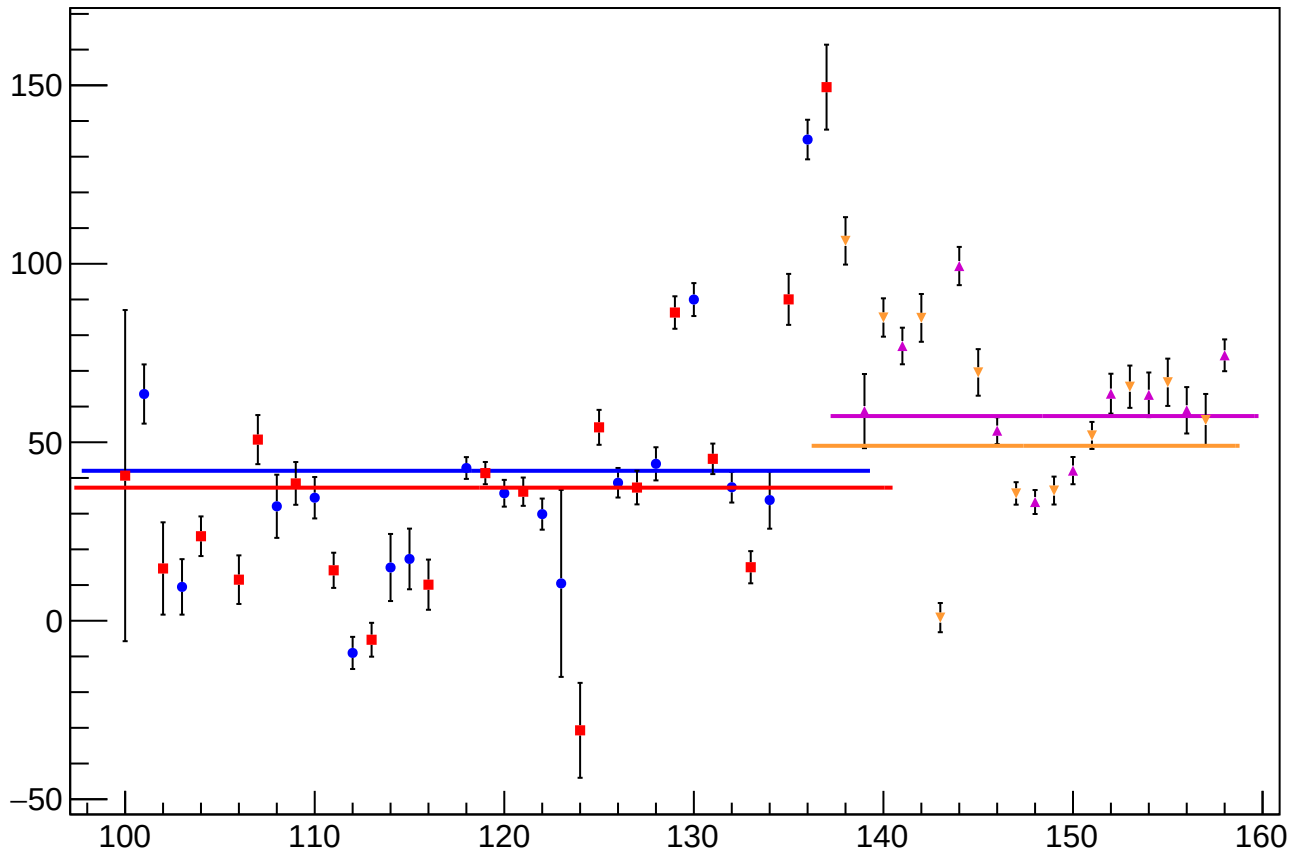
Left In: 240.652 $\pm$ 1.821 χ^2 /NDF:407.1/9

+ sign 235.646 $\pm$ 1.359 χ^2 /NDF: 4142.7/27

All: 242.737 $\pm$ 0.954 χ^2 /NDF: 7197.8/56

- sign 249.626 $\pm$ 1.340 χ^2 /NDF: 3001.5/28

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF : 575.6/16

Left Out: 49.010+/-1.460 χ^2/NDF : 341.3/10

Right Out: 37.284+/-1.237 χ^2/NDF : 472.6/18

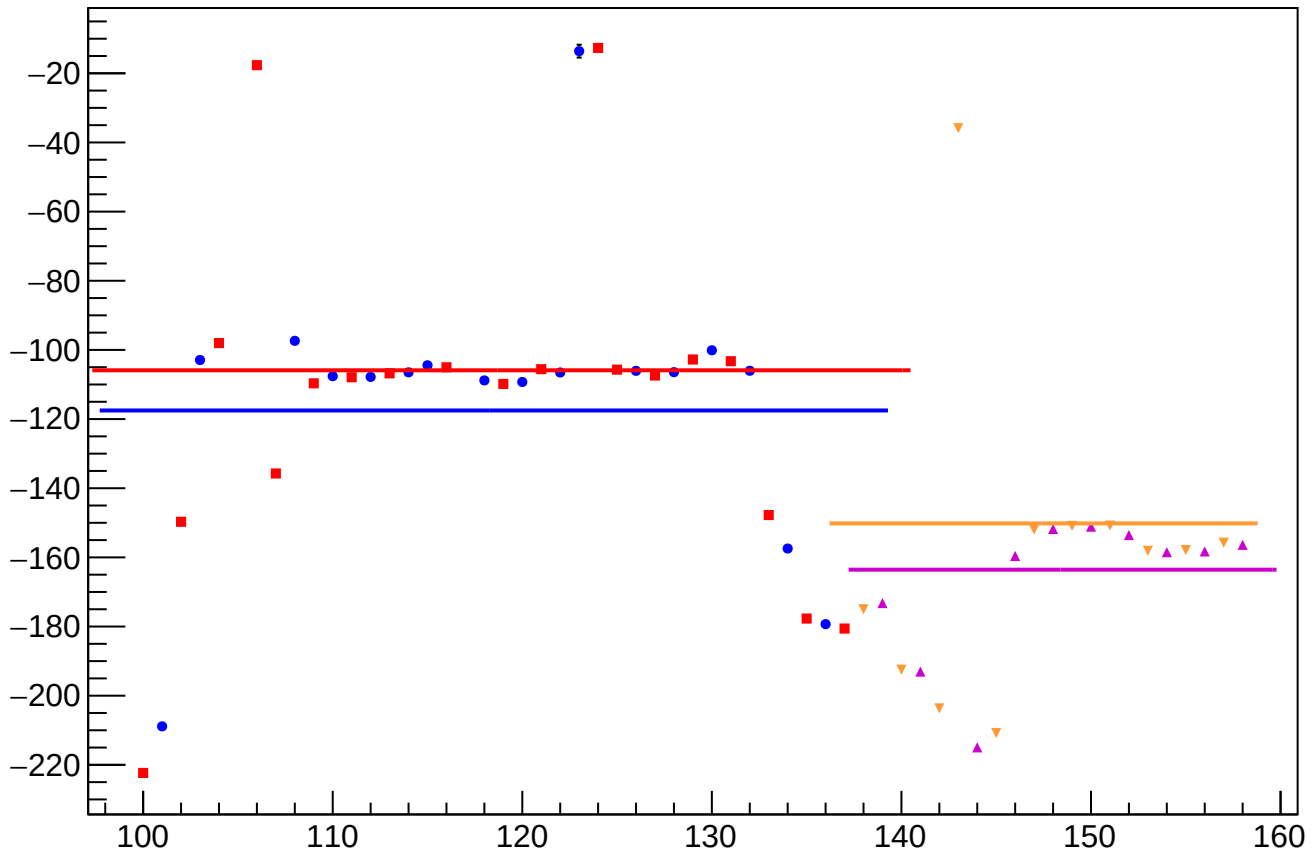
Left In: 57.342+/-1.504 χ^2/NDF : 161.7/9

+ sign 44.982+/-0.952 χ^2/NDF : 930.0/27

All: 45.179+/-0.674 χ^2/NDF : 1670.5/56

- sign 45.377+/-0.955 χ^2/NDF : 740.4/28

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -150.176+/-0.074 χ^2/NDF : 402367.9/10

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

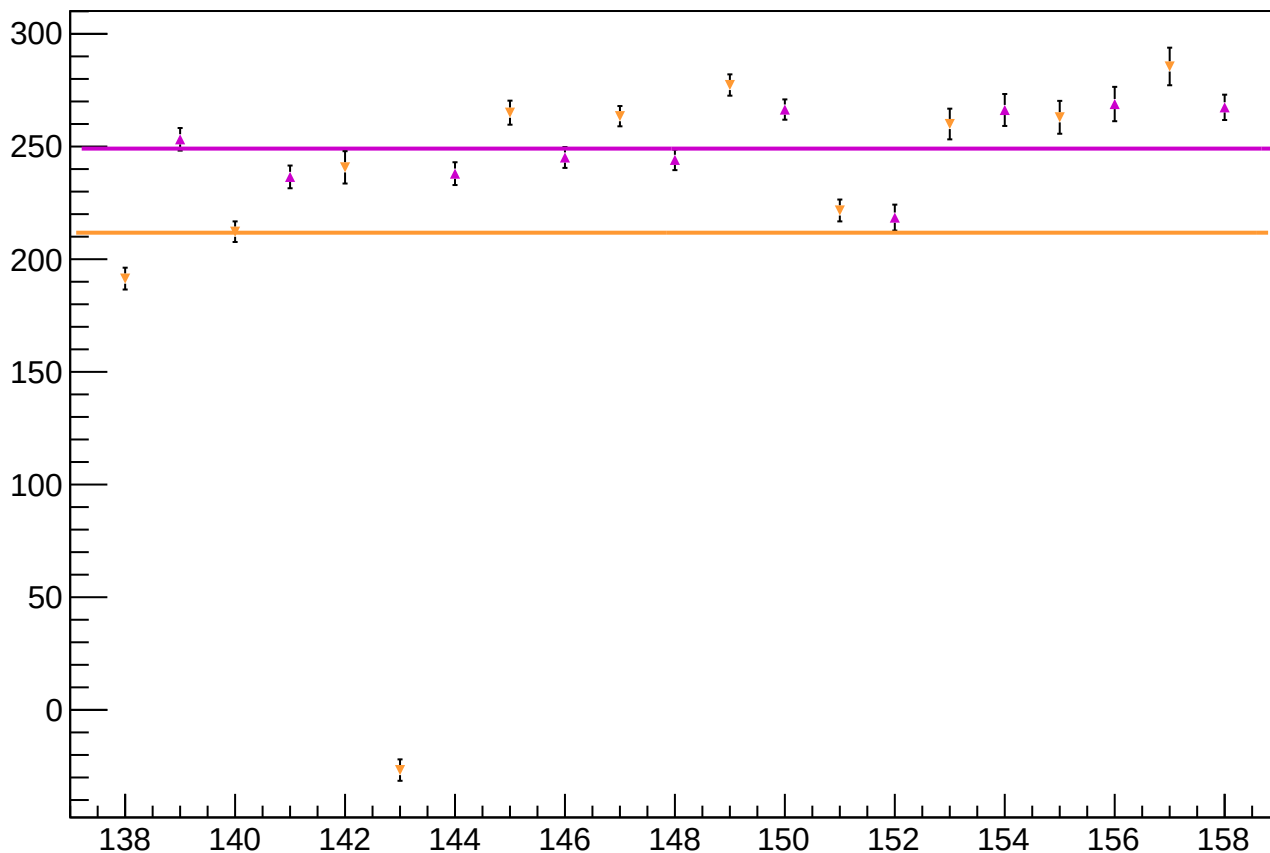
Left In: -163.557+/-0.073 χ^2/NDF : 56589.5/9

+ sign -134.753+/-0.054 χ^2/NDF : 636914.6/27

All: -134.757+/-0.037 χ^2/NDF : 1331915.5/56

- sign -134.761+/-0.051 χ^2/NDF : 695000.9/28

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 211.769+/-1.621 χ^2/NDF : 3155.2/10

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

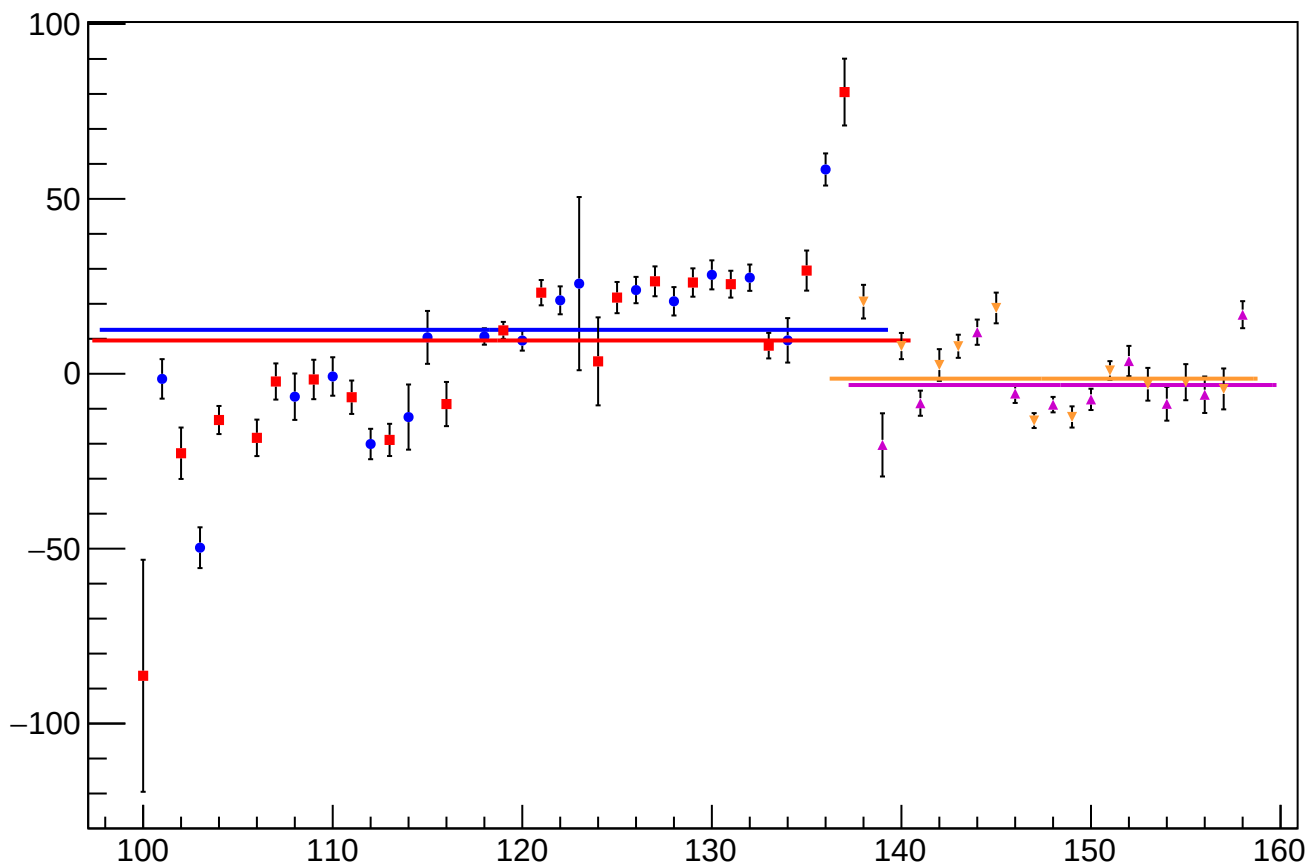
Left In: 249.084+/-1.663 χ^2/NDF : 79.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.944+/-1.161 χ^2/NDF : 3493.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 ± 1.056 $\chi^2/\text{NDF}: 347.7/16$

Left Out: -1.395 ± 1.062 $\chi^2/\text{NDF}: 102.7/10$

Right Out: 9.519 ± 1.051 $\chi^2/\text{NDF}: 296.2/18$

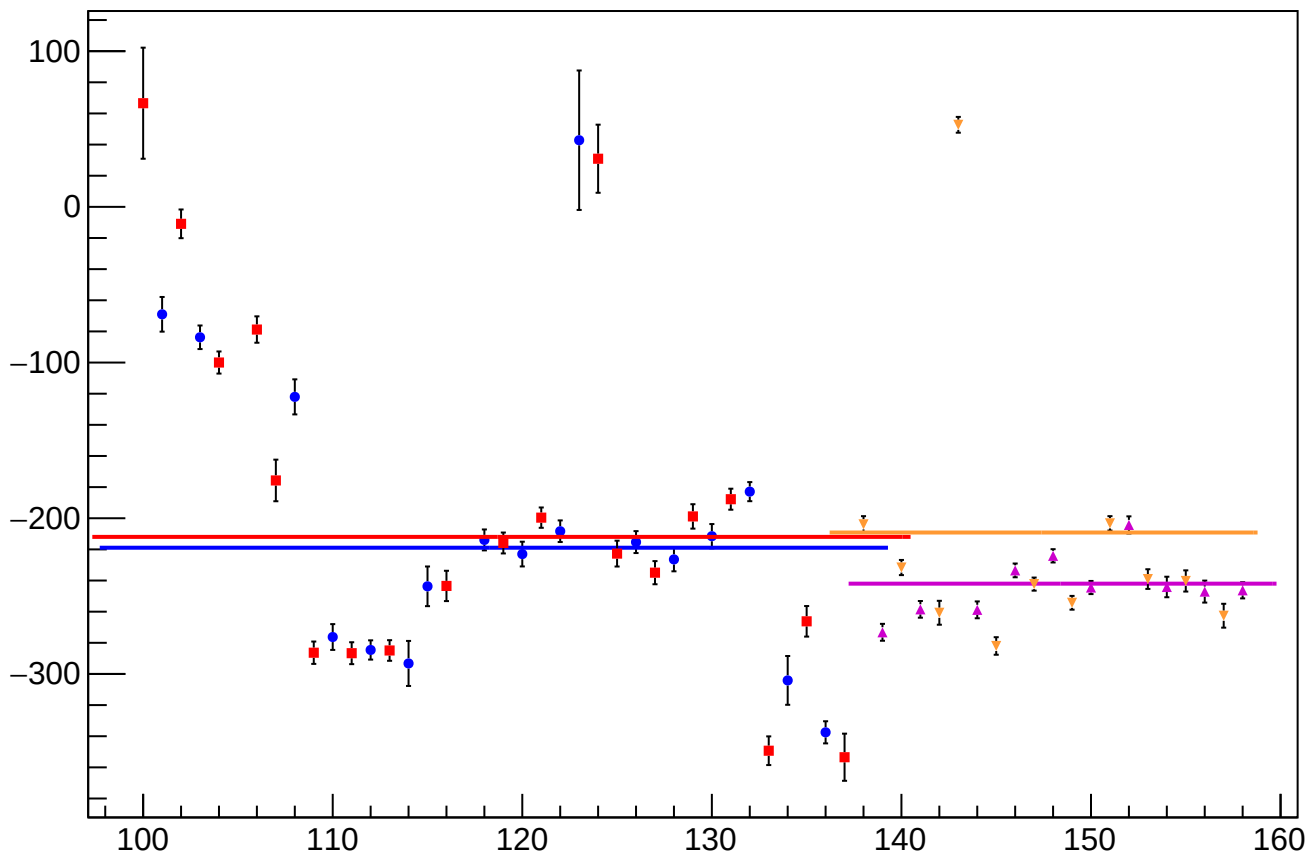
Left In: -3.215 ± 1.106 $\chi^2/\text{NDF}: 63.4/9$

+ sign 5.622 ± 0.749 $\chi^2/\text{NDF}: 537.4/27$

All: 4.571 ± 0.534 $\chi^2/\text{NDF}: 970.7/56$

- sign 3.482 ± 0.762 $\chi^2/\text{NDF}: 429.3/28$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF : 1146.6/16

Left Out: -209.158+/-1.614 χ^2/NDF : 3156.5/10

Right Out: -211.968+/-1.924 χ^2/NDF : 1886.2/18

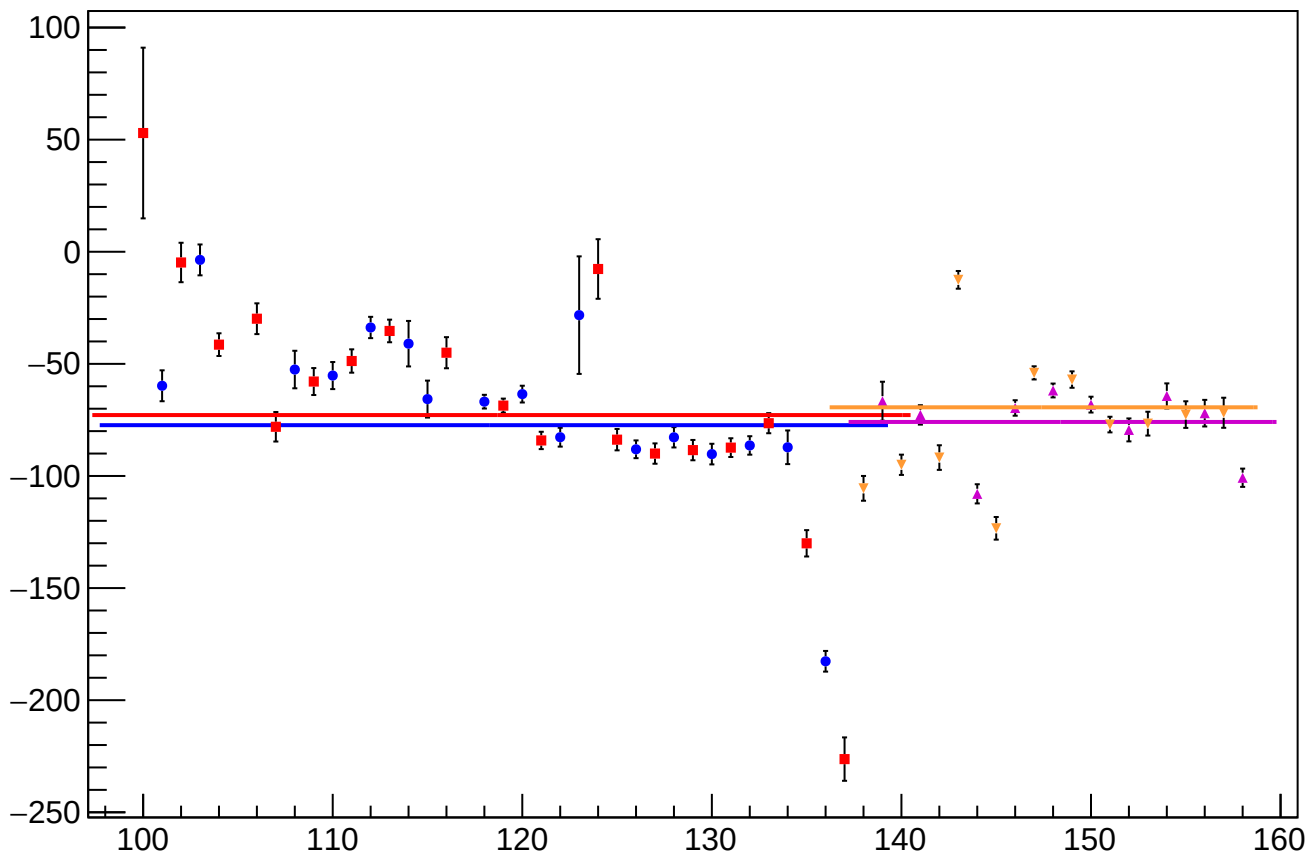
Left In: -242.010+/-1.626 χ^2/NDF : 122.1/9

+ sign -212.996+/-1.257 χ^2/NDF : 4317.5/27

All: -221.350+/-0.884 χ^2/NDF : 6555.1/56

- sign -229.499+/-1.242 χ^2/NDF : 2150.4/28

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 $\chi^2/\text{NDF}: 817.2/16$

Left Out: -69.373 ± 1.317 $\chi^2/\text{NDF}: 458.7/10$

Right Out: -72.836 ± 1.209 $\chi^2/\text{NDF}: 672.9/18$

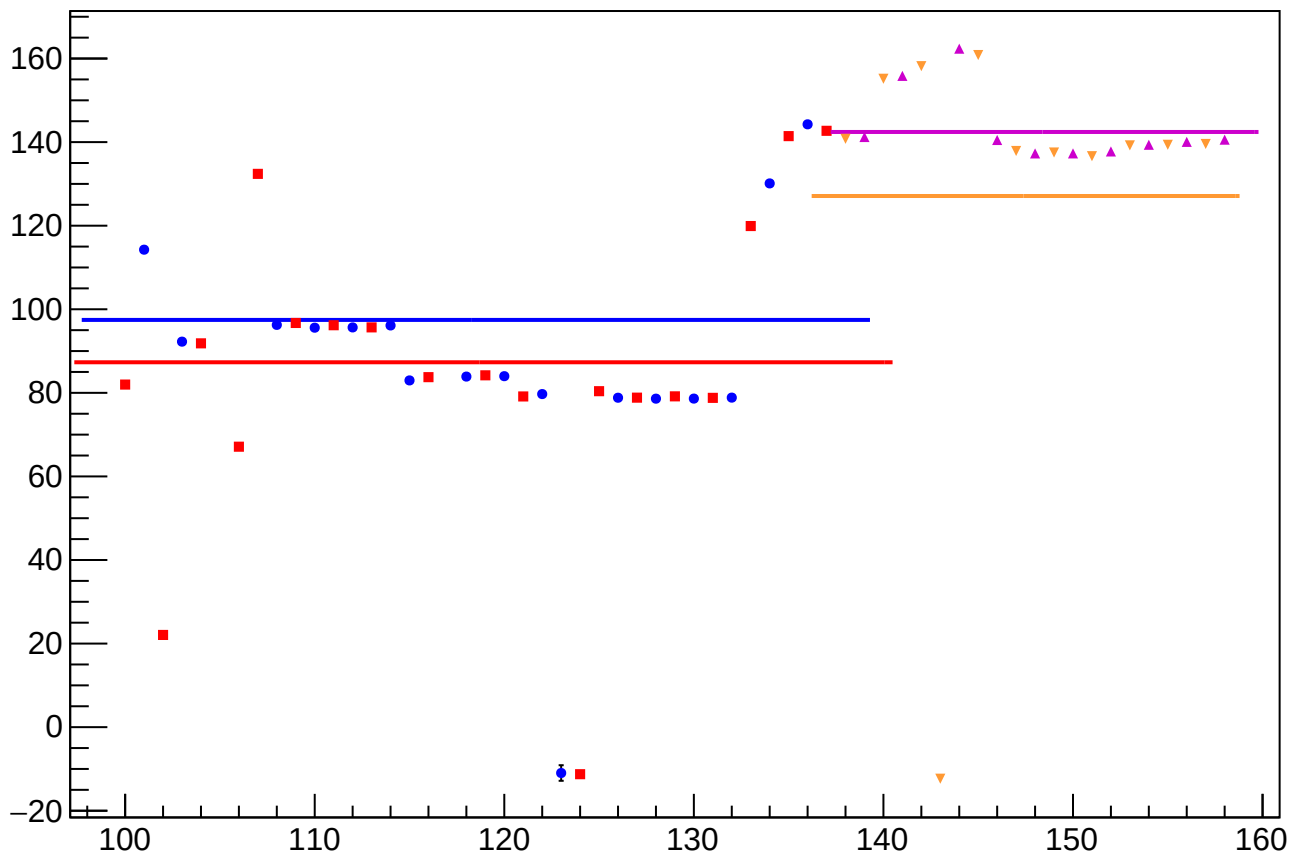
Left In: -75.910 ± 1.349 $\chi^2/\text{NDF}: 129.1/9$

+ sign -73.663 ± 0.895 $\chi^2/\text{NDF}: 1295.6/27$

All: -73.932 ± 0.635 $\chi^2/\text{NDF}: 2100.6/56$

- sign -74.204 ± 0.900 $\chi^2/\text{NDF}: 804.8/28$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 ± 0.073 $\chi^2/\text{NDF}: 94476.4/16$

Left Out: 127.103 ± 0.066 $\chi^2/\text{NDF}: 542383.8/10$

Right Out: 87.315 ± 0.068 $\chi^2/\text{NDF}: 221837.7/18$

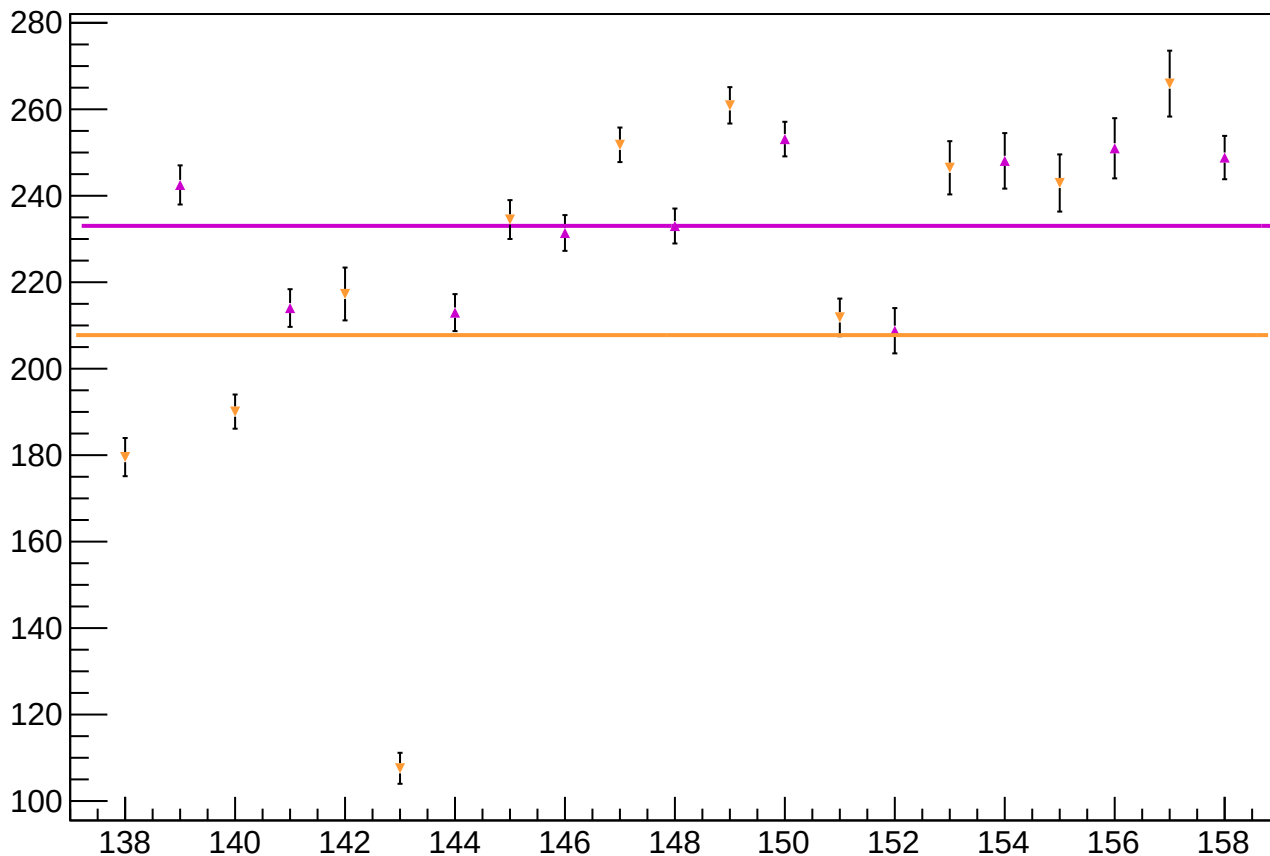
Left In: 142.427 ± 0.065 $\chi^2/\text{NDF}: 13501.8/9$

+ sign 113.832 ± 0.049 $\chi^2/\text{NDF}: 727347.2/27$

All: 115.110 ± 0.034 $\chi^2/\text{NDF}: 1306829.7/56$

- sign 116.284 ± 0.047 $\chi^2/\text{NDF}: 578179.3/28$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 207.768 $\pm$ 1.404 χ^2 /NDF:1287.5/10

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

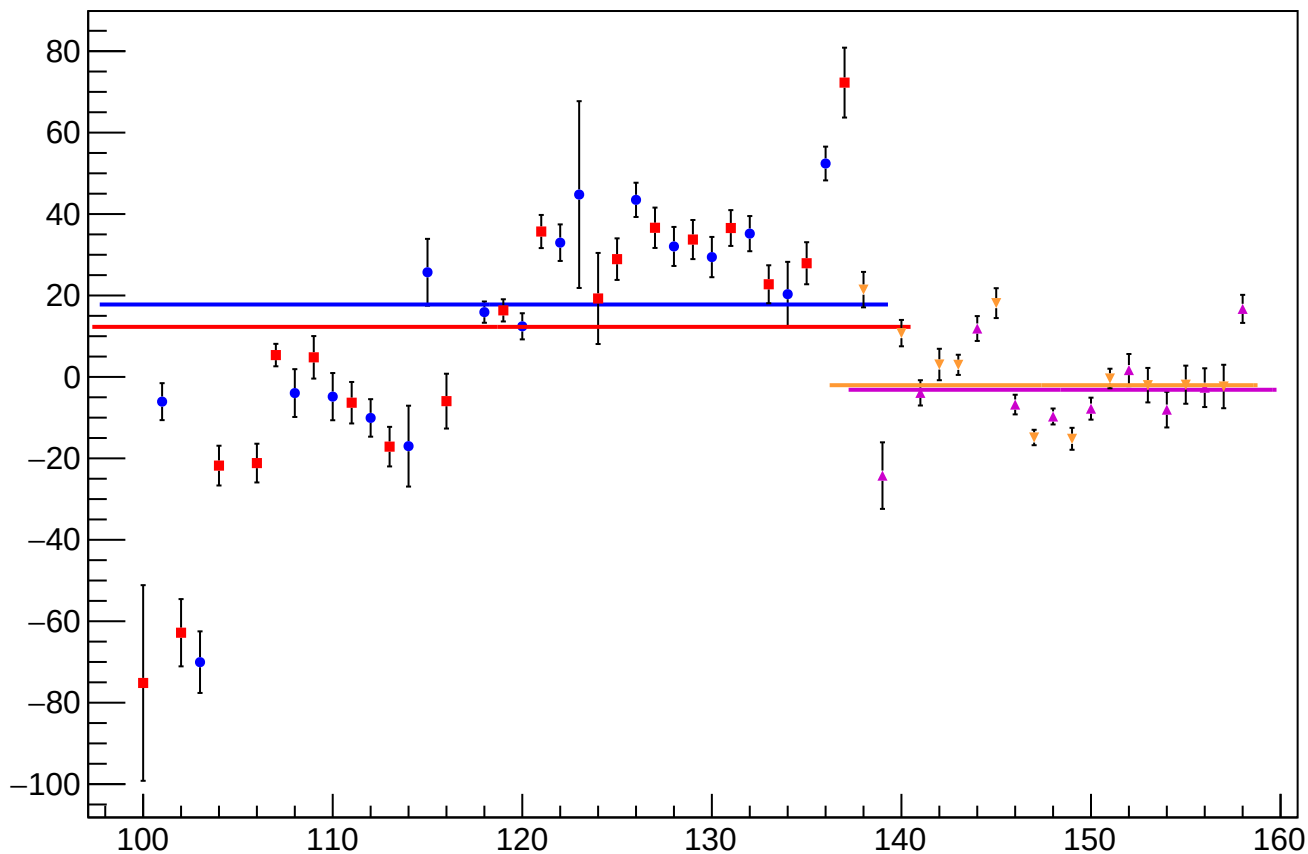
Left In: 233.038 $\pm$ 1.475 χ^2 /NDF:114.2/9

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

All: 219.773 $\pm$ 1.017 χ^2 /NDF: 1555.7/20

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

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: -2.030 $\pm$ 0.921 χ^2 /NDF: 151.0/10

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

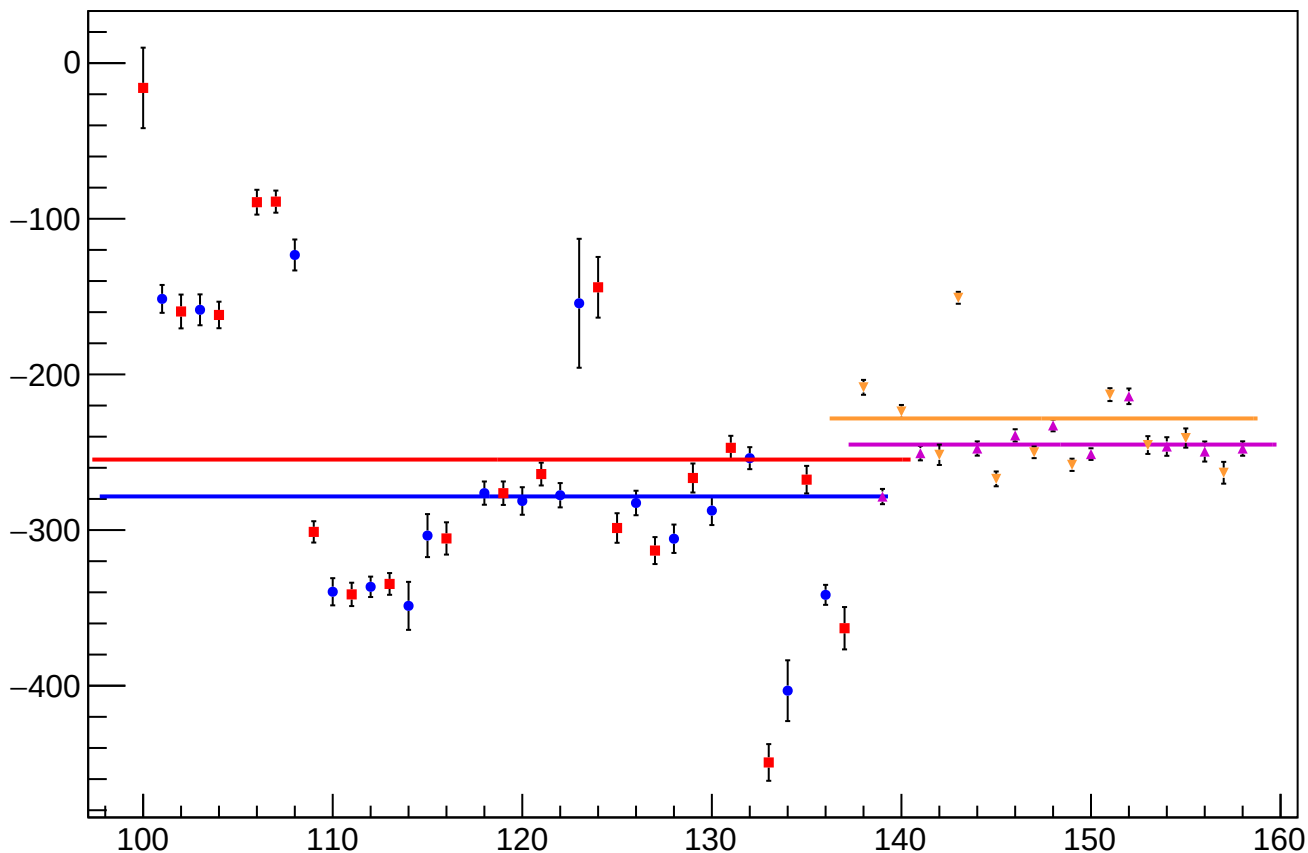
Left In: -3.154 $\pm$ 0.980 χ^2 /NDF: 83.5/9

+ sign 5.739 $\pm$ 0.718 χ^2 /NDF: 727.8/27

All: 4.773 $\pm$ 0.511 χ^2 /NDF: 1370.2/56

- sign 3.780 $\pm$ 0.728 χ^2 /NDF: 638.7/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393+/-2.168 χ^2/NDF : 910.5/16

Left Out: -228.295+/-1.403 χ^2/NDF : 651.0/10

Right Out: -254.703+/-2.020 χ^2/NDF : 2038.5/18

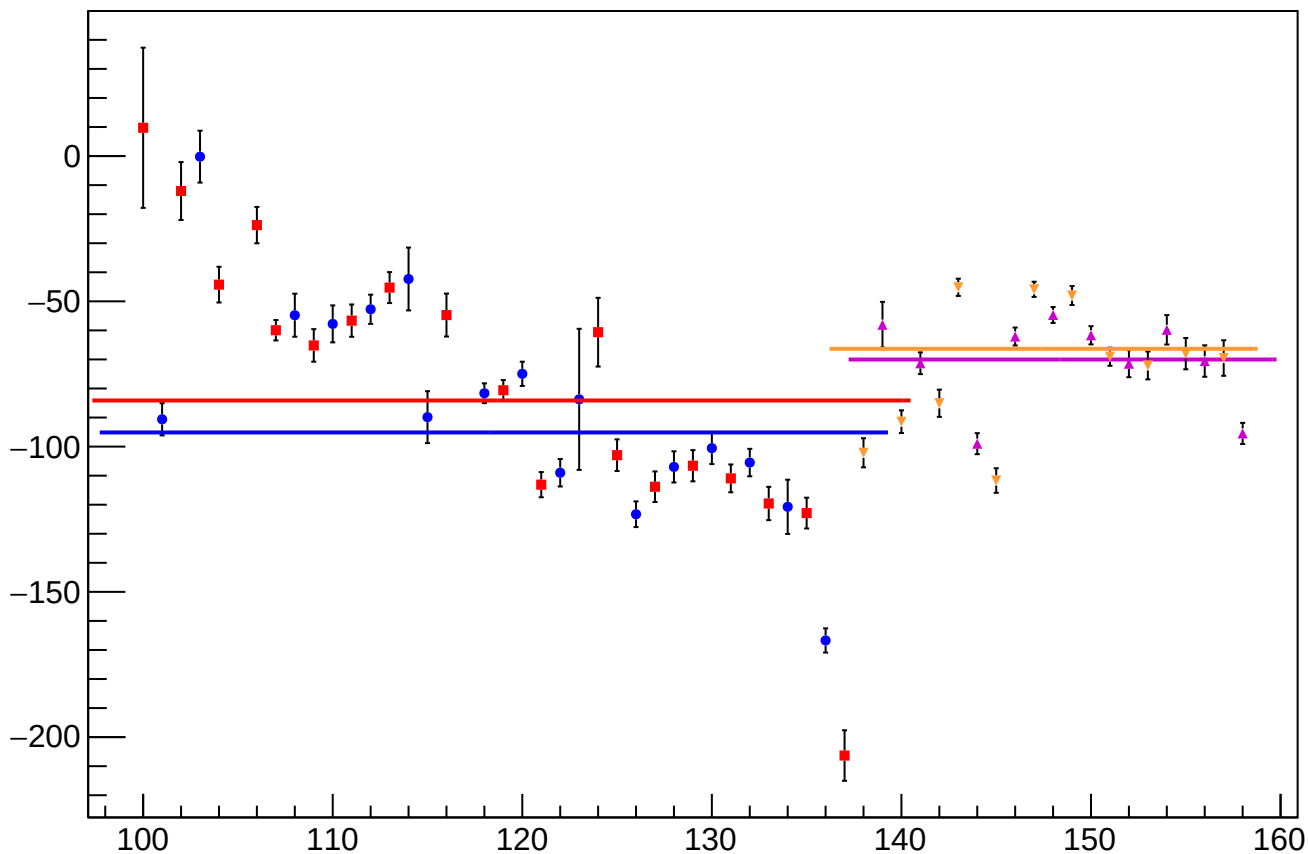
Left In: -245.072+/-1.444 χ^2/NDF : 102.7/9

+ sign -243.093+/-1.178 χ^2/NDF : 1938.0/27

All: -245.719+/-0.832 χ^2/NDF : 4104.1/56

- sign -248.329+/-1.175 χ^2/NDF : 2156.2/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 $\pm$ 1.322 χ^2 /NDF: 674.9/16

Left Out: -66.344 $\pm$ 1.141 χ^2 /NDF: 370.1/10

Right Out: -84.124 $\pm$ 1.259 χ^2 /NDF: 782.9/18

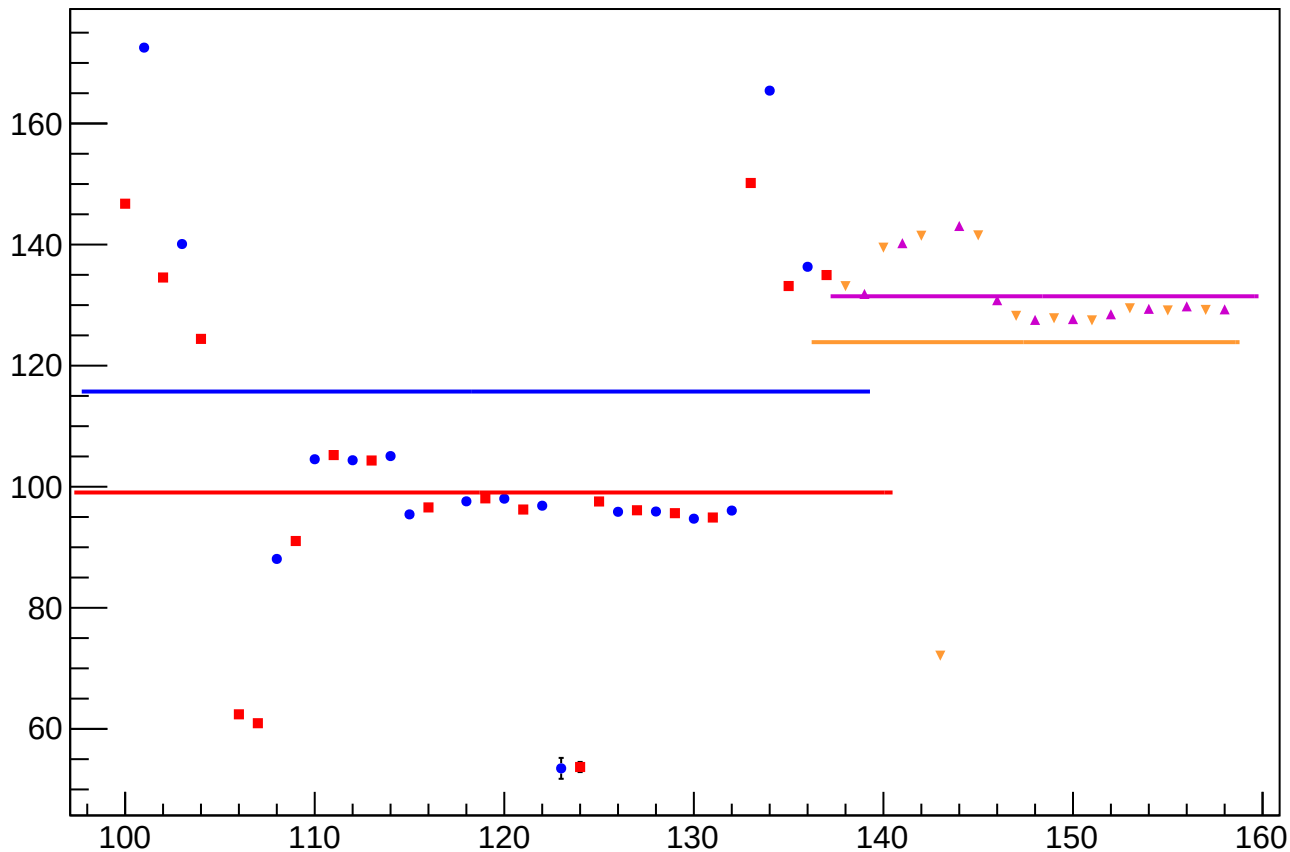
Left In: -70.023 $\pm$ 1.196 χ^2 /NDF: 164.7/9

+ sign -78.625 $\pm$ 0.864 χ^2 /NDF: 1316.8/27

All: -77.672 $\pm$ 0.612 χ^2 /NDF: 2332.8/56

- sign -76.713 $\pm$ 0.867 χ^2 /NDF: 1013.6/28

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: 123.880 $\pm$ 0.057 χ^2 /NDF:140244.8/10

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

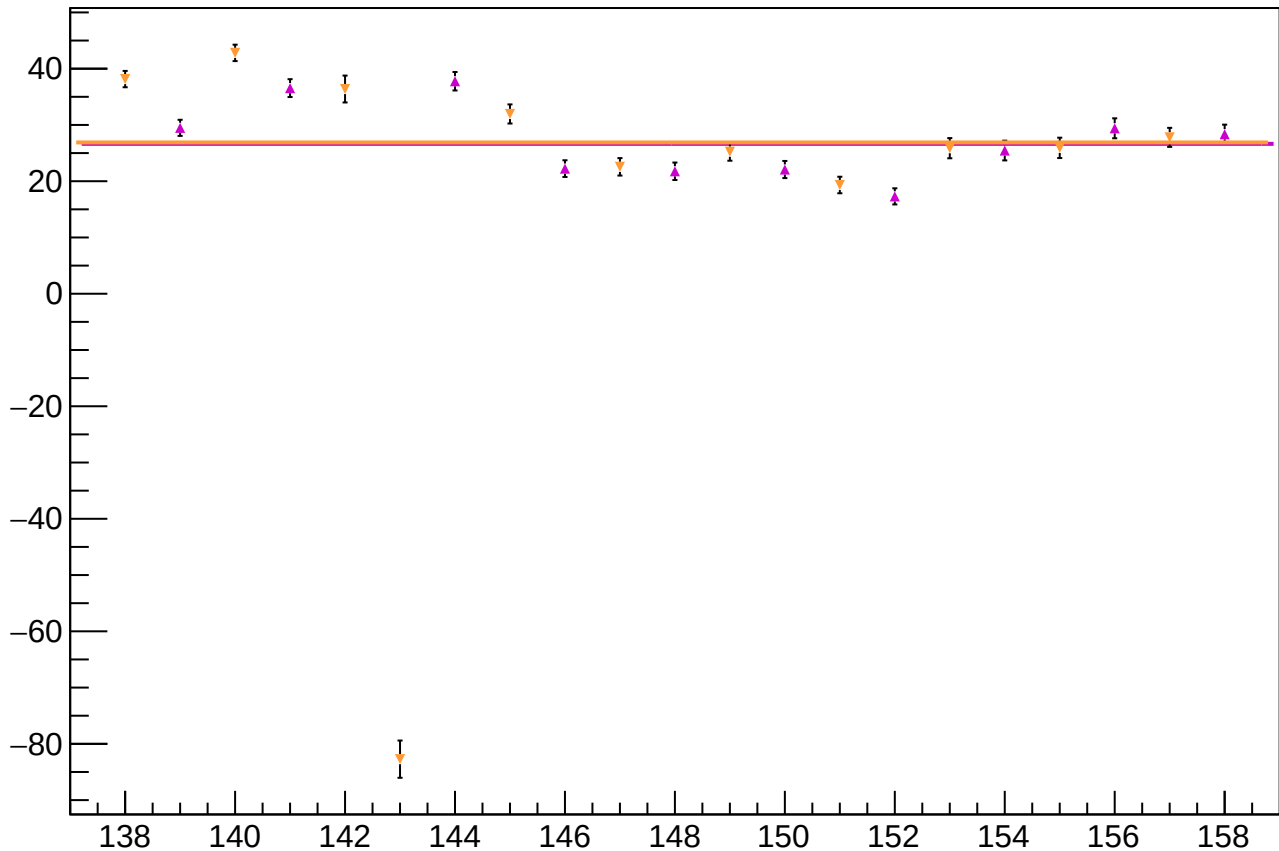
Left In: 131.459 $\pm$ 0.058 χ^2 /NDF:7272.0/9

+ sign 121.013 $\pm$ 0.046 χ^2 /NDF: 253727.5/27

All: 119.439 $\pm$ 0.032 χ^2 /NDF: 567590.7/56

- sign 118.004 $\pm$ 0.044 χ^2 /NDF: 311647.9/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 26.891+/-0.514 χ^2/NDF :1336.4/10

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

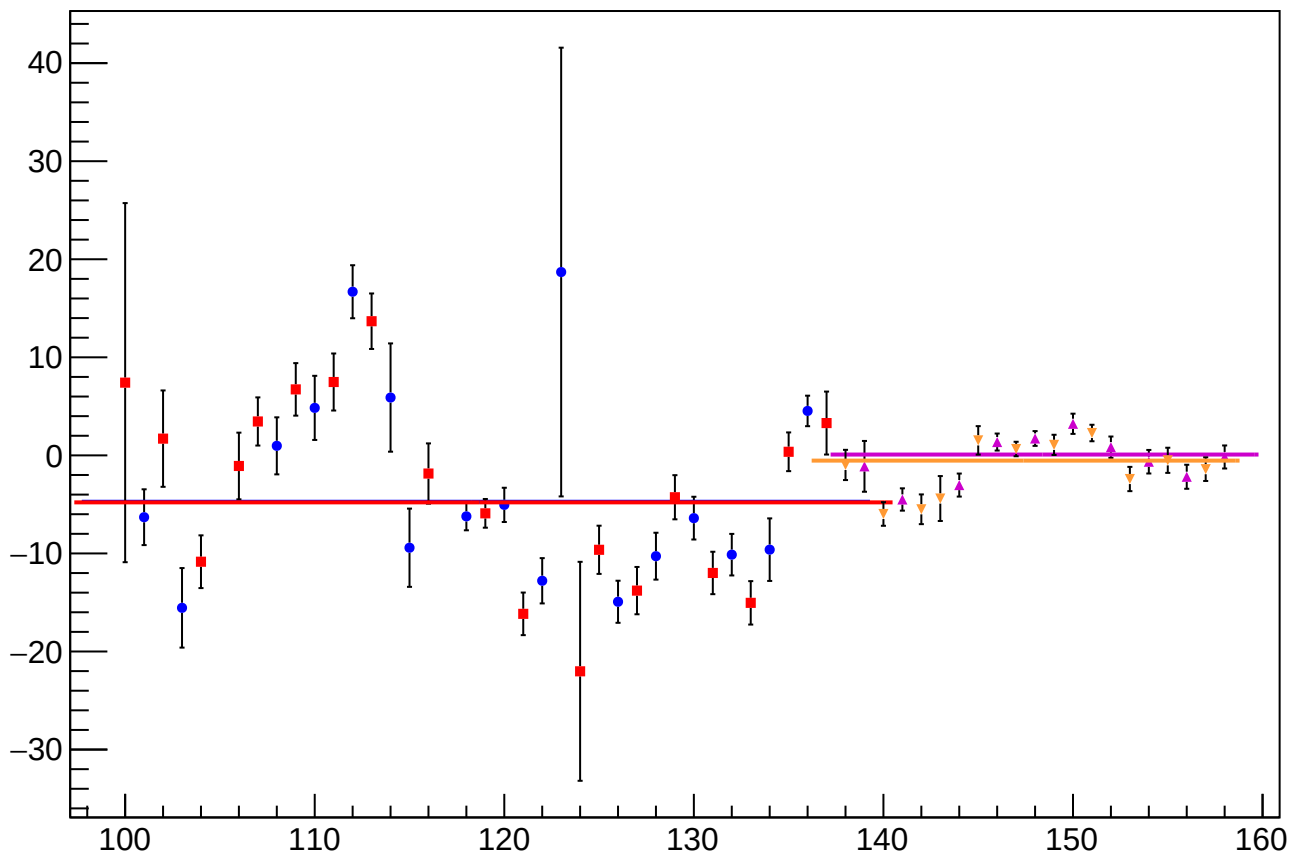
Left In: 26.642+/-0.498 χ^2/NDF :162.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.763+/-0.358 χ^2/NDF : 1499.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.534 ± 0.346 χ^2/NDF : 55.2/10

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

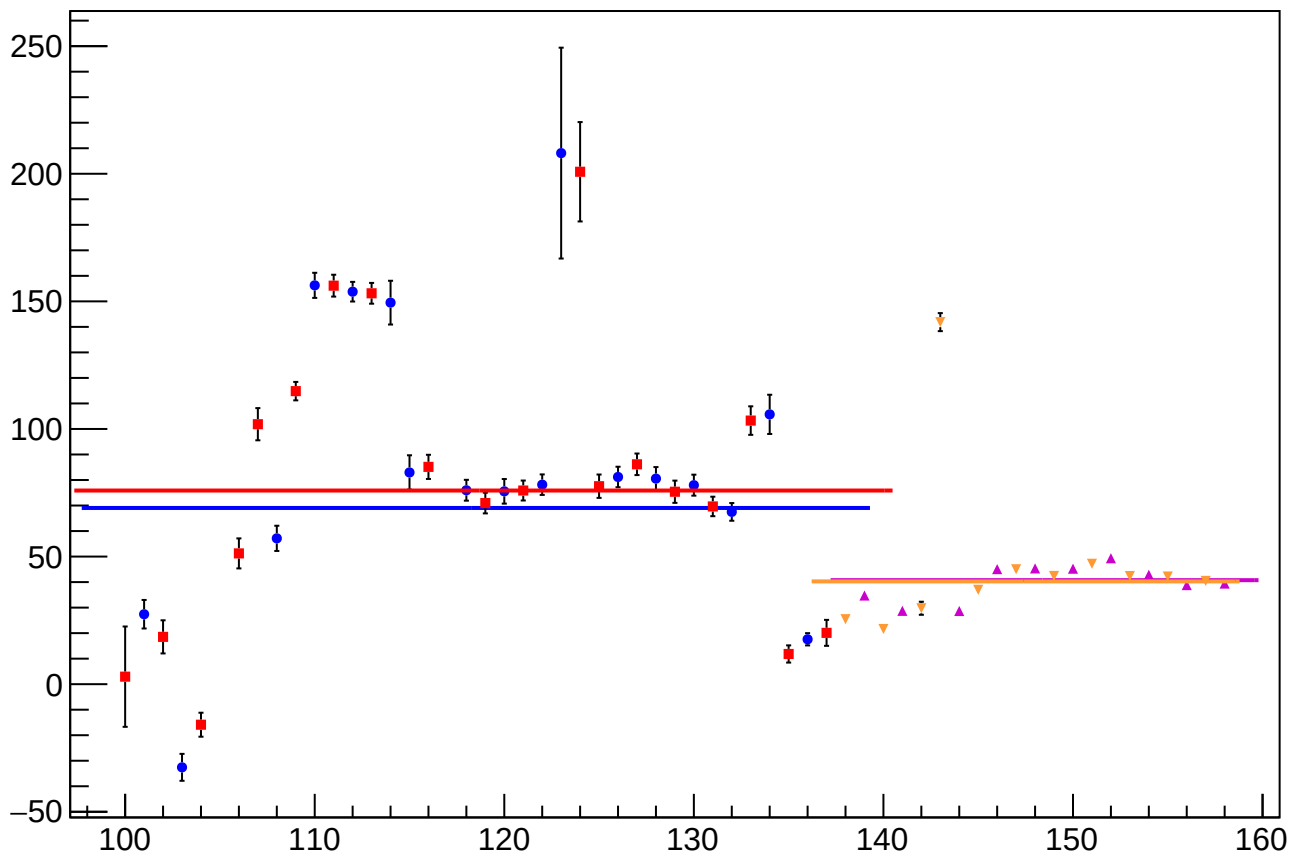
Left In: 0.084 ± 0.341 χ^2/NDF : 43.9/9

+ sign -1.636 ± 0.297 χ^2/NDF : 268.6/27

All: -1.391 ± 0.209 χ^2/NDF : 559.2/56

- sign -1.150 ± 0.295 χ^2/NDF : 289.2/28

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF : 1847.9/16

Left Out: 40.268+/-0.505 χ^2/NDF : 1119.1/10

Right Out: 75.878+/-1.069 χ^2/NDF : 1895.0/18

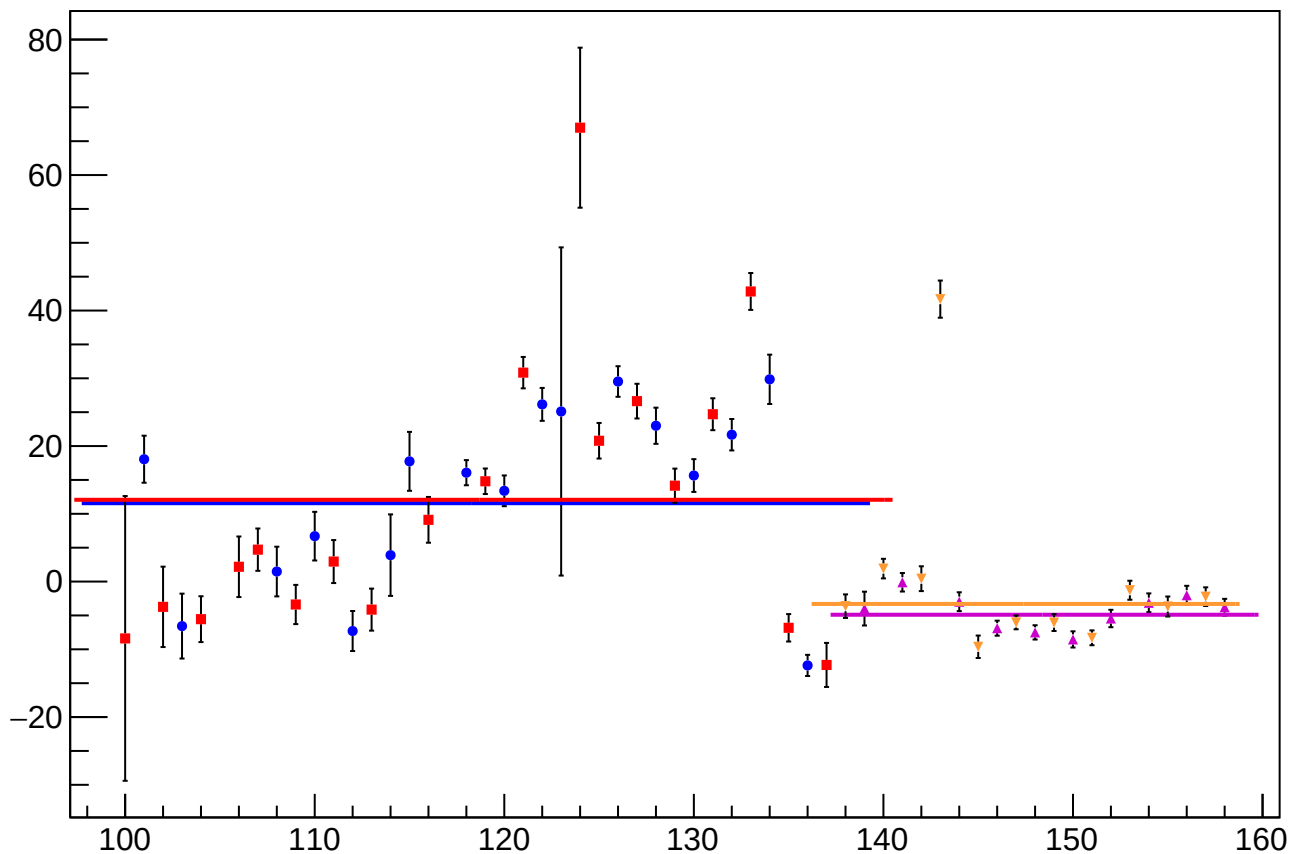
Left In: 40.753+/-0.486 χ^2/NDF : 185.1/9

+ sign 45.461+/-0.457 χ^2/NDF : 3552.6/27

All: 46.136+/-0.318 χ^2/NDF : 6530.9/56

- sign 46.768+/-0.443 χ^2/NDF : 2974.1/28

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: -3.303 $\pm$ 0.424 χ^2 /NDF: 336.5/10

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

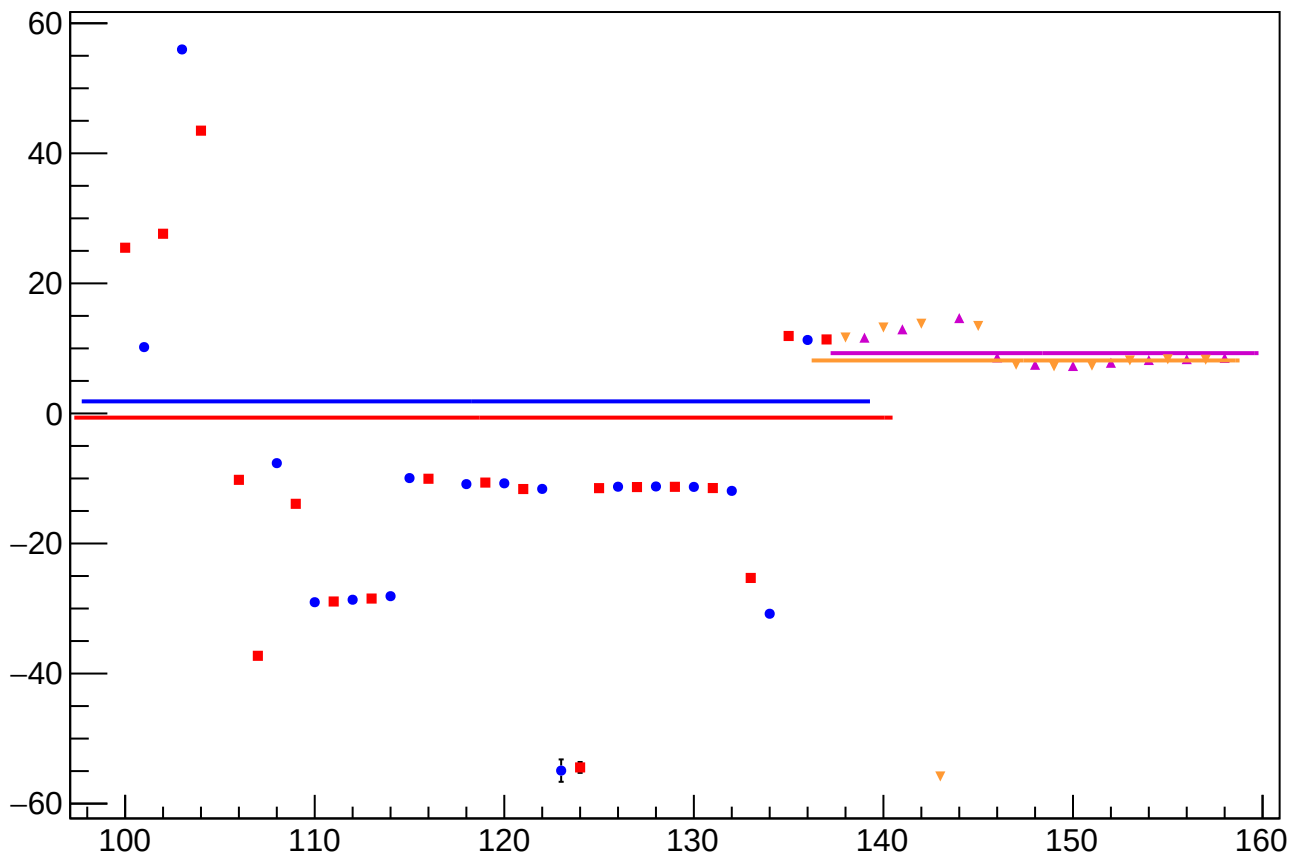
Left In: -4.897 $\pm$ 0.411 χ^2 /NDF: 39.8/9

+ sign 1.063 $\pm$ 0.357 χ^2 /NDF: 1175.1/27

All: 0.417 $\pm$ 0.250 χ^2 /NDF: 2236.3/56

- sign -0.202 $\pm$ 0.350 χ^2 /NDF: 1054.8/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 8.148+/-0.020 χ^2/NDF : 222440.2/10

Right Out: -0.644+/-0.037 χ^2/NDF : 361625.7/18

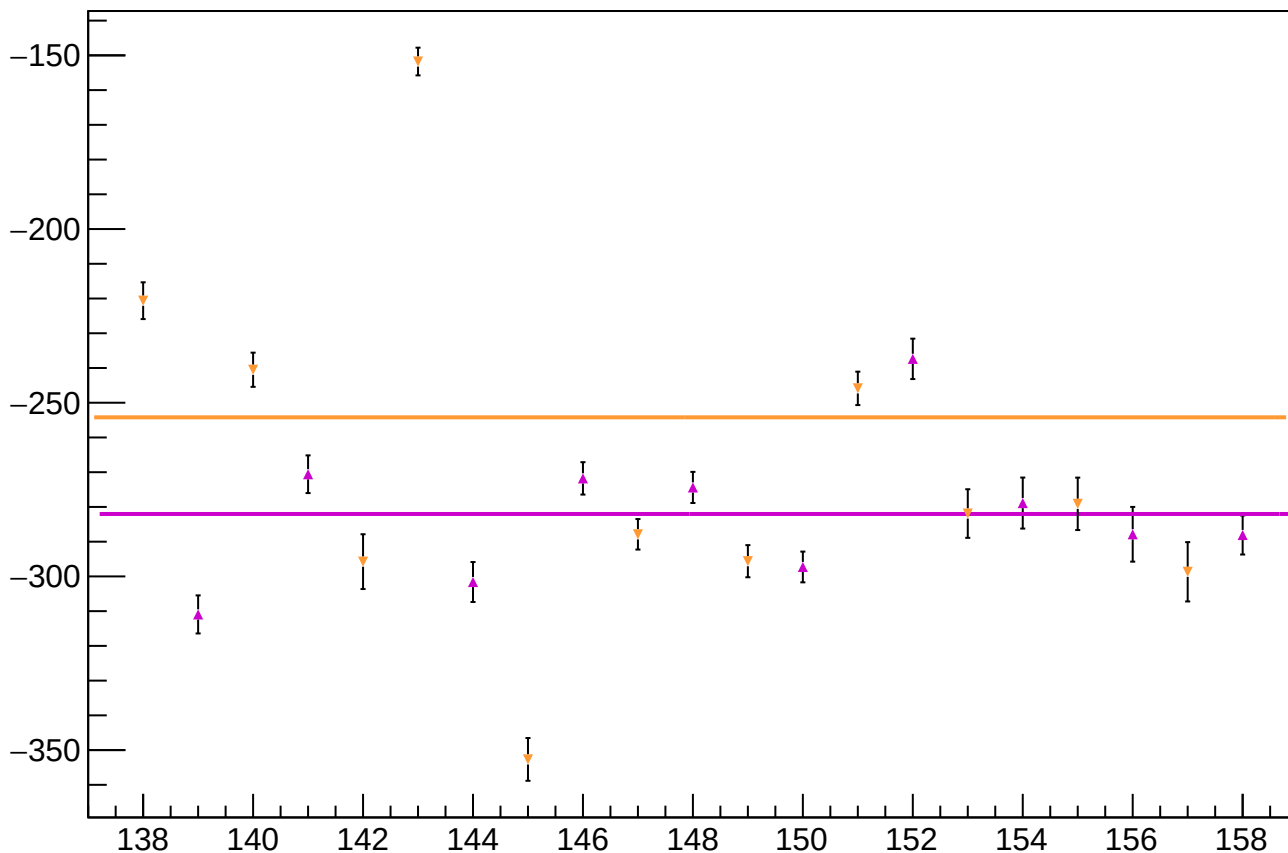
Left In: 9.271+/-0.019 χ^2/NDF : 13243.6/9

+ sign 6.725+/-0.018 χ^2/NDF : 604238.7/27

All: 6.976+/-0.012 χ^2/NDF : 1036205.4/56

- sign 7.207+/-0.017 χ^2/NDF : 431575.9/28

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: -254.202+/-1.631 χ^2/NDF : 1186.5/10

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

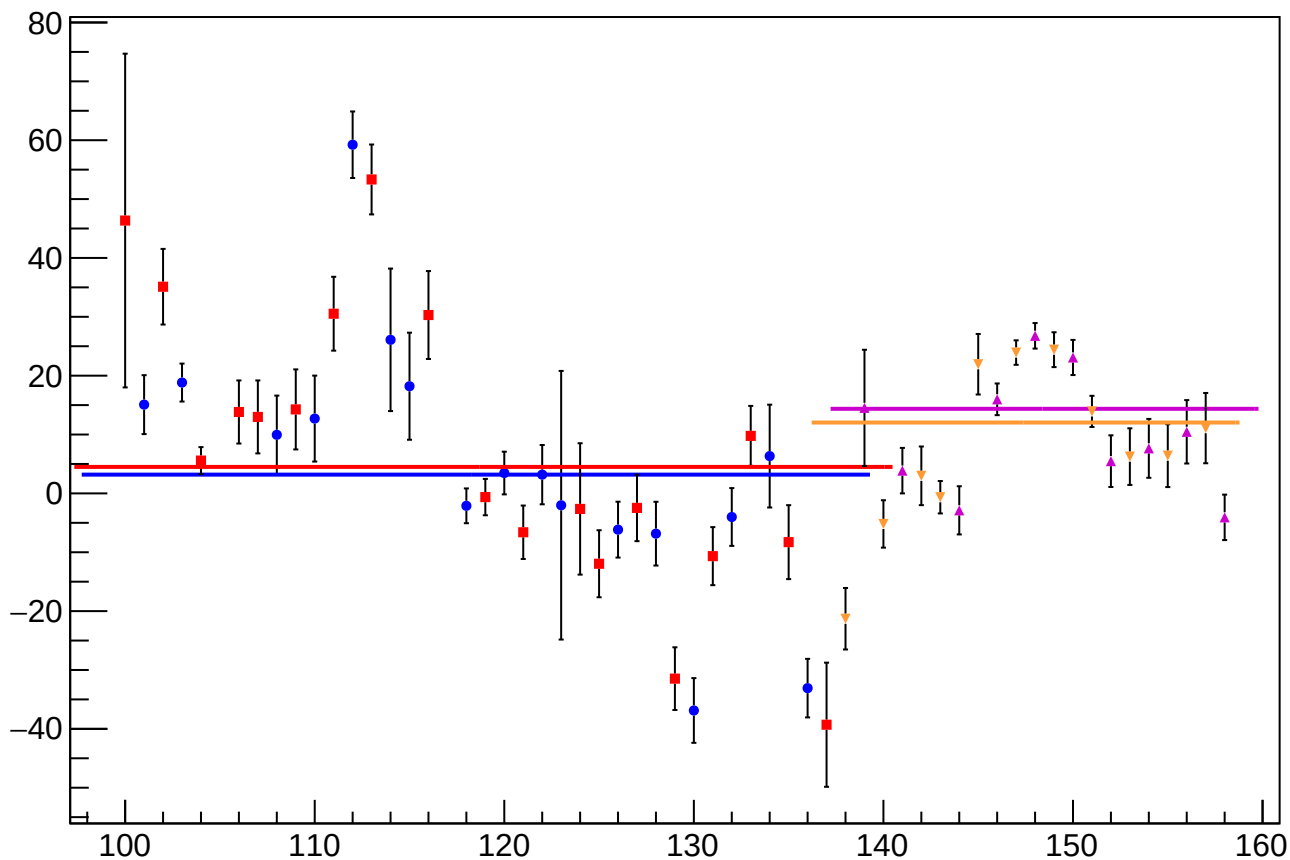
Left In: -282.026+/-1.715 χ^2/NDF : 124.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.422+/-1.182 χ^2/NDF : 1449.0/20

- 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 $\chi^2/\text{NDF}: 255.6/16$

Left Out: 12.041 ± 1.053 $\chi^2/\text{NDF}: 140.4/10$

Right Out: 4.497 ± 1.160 $\chi^2/\text{NDF}: 225.4/18$

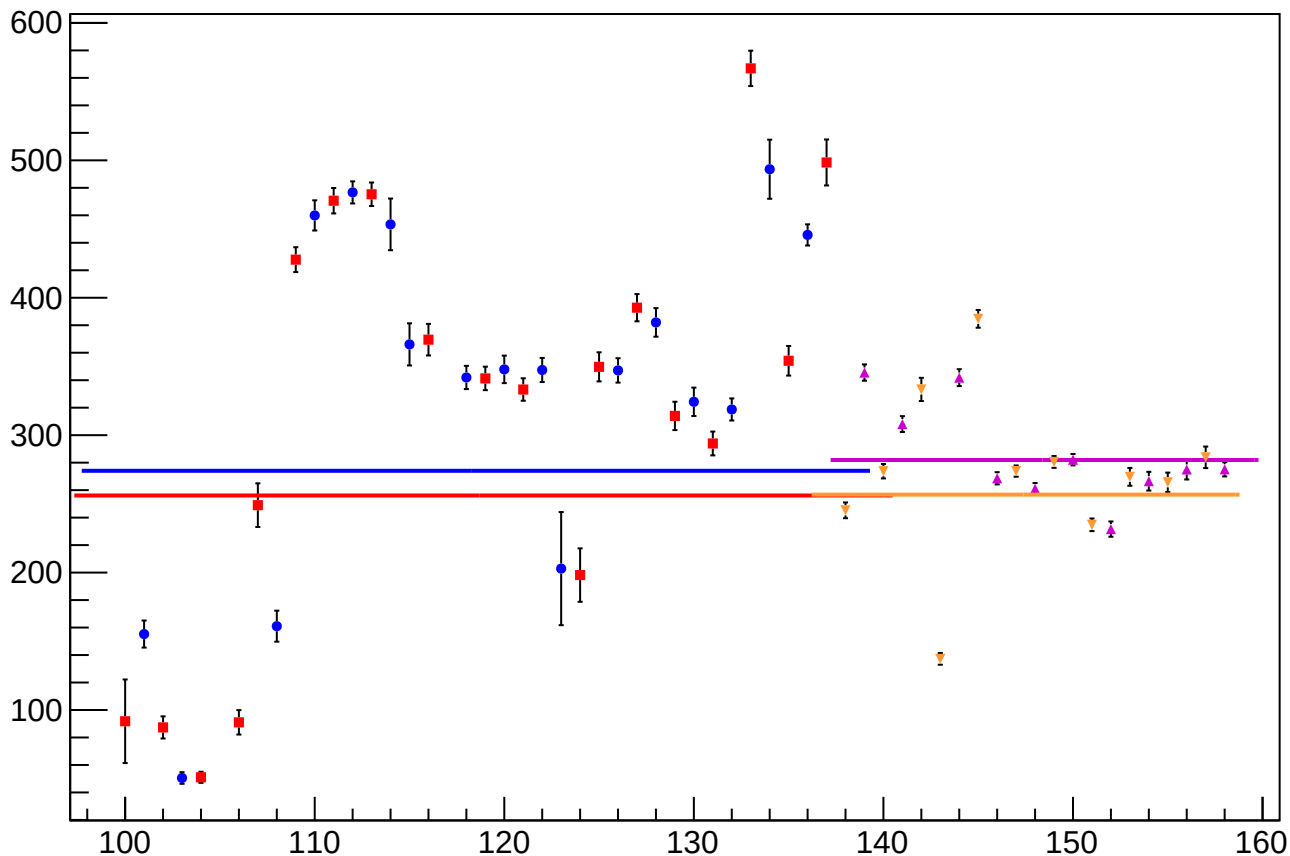
Left In: 14.370 ± 1.123 $\chi^2/\text{NDF}: 95.9/9$

+ sign 8.282 ± 0.798 $\chi^2/\text{NDF}: 426.1/27$

All: 8.930 ± 0.568 $\chi^2/\text{NDF}: 786.2/56$

- sign 9.592 ± 0.807 $\chi^2/\text{NDF}: 358.8/28$

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: 256.723 ± 1.621 χ^2/NDF : 1365.6/10

Right Out: 256.109 ± 2.080 χ^2/NDF : 6444.1/18

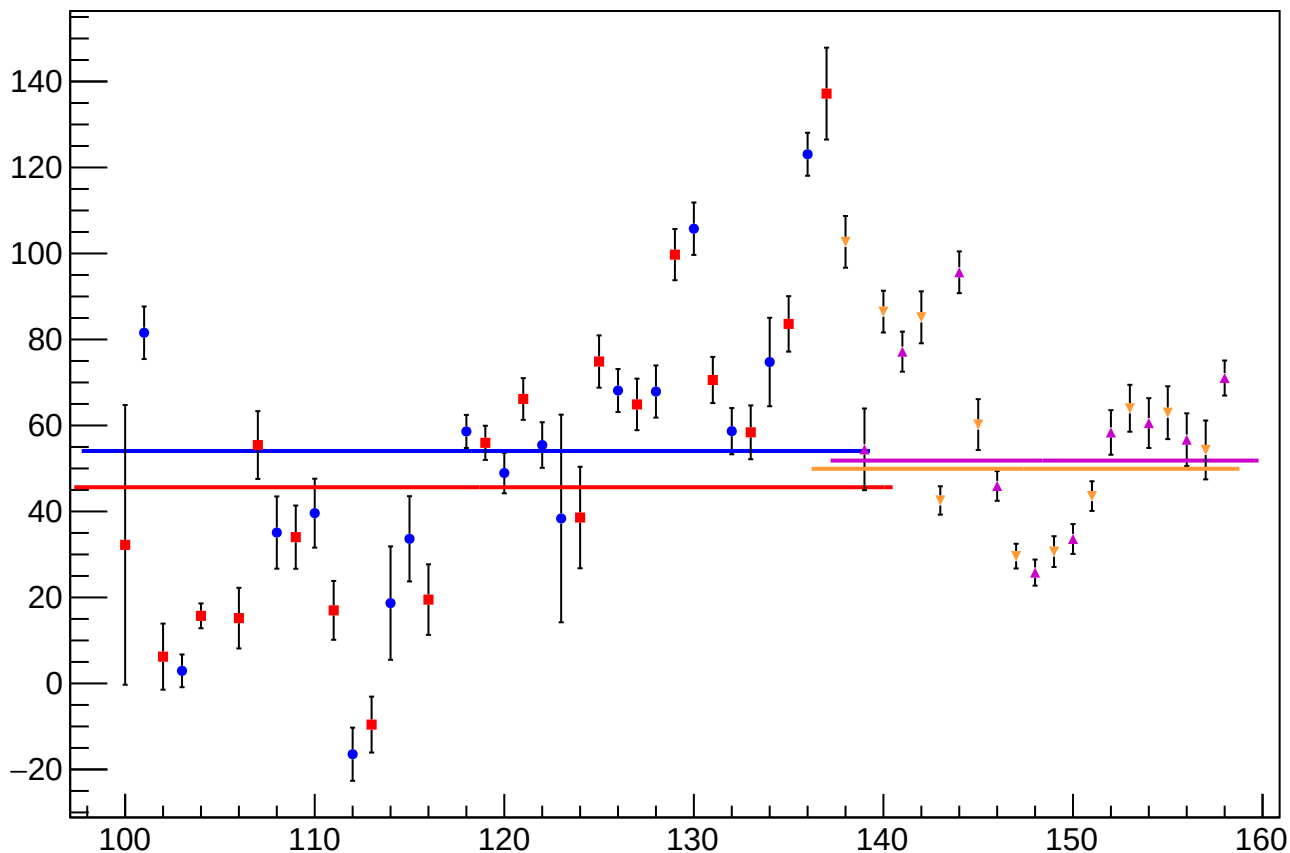
Left In: 281.922 ± 1.667 χ^2/NDF : 353.4/9

+ sign 262.862 ± 1.303 χ^2/NDF : 6518.1/27

All: 267.353 ± 0.921 χ^2/NDF : 13433.1/56

- sign 271.829 ± 1.301 χ^2/NDF : 6891.2/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 49.924 $\pm$ 1.310 χ^2 /NDF: 269.5/10

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

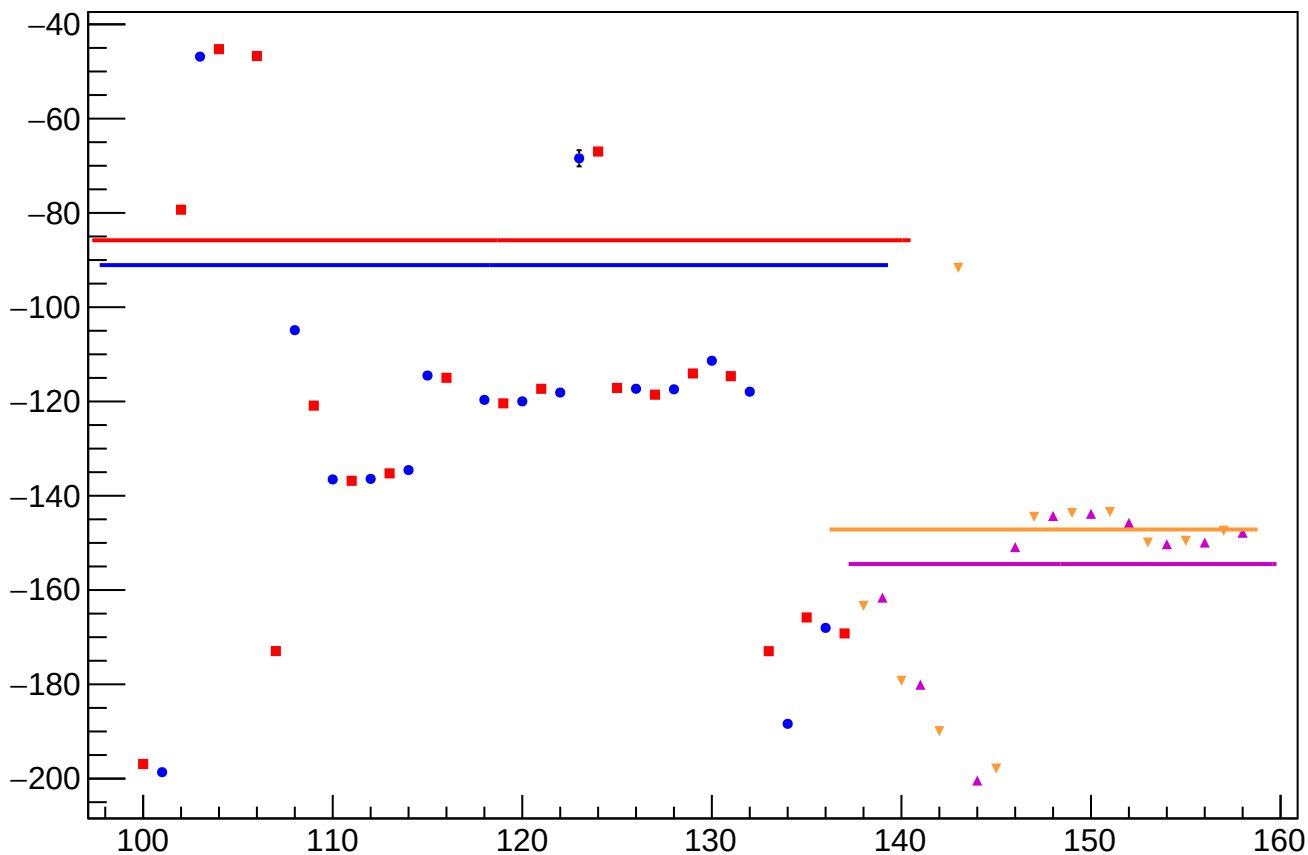
Left In: 51.840 $\pm$ 1.375 χ^2 /NDF: 241.9/9

+ sign 51.827 $\pm$ 0.963 χ^2 /NDF: 908.5/27

All: 50.271 $\pm$ 0.682 χ^2 /NDF: 1696.8/56

- sign 48.703 $\pm$ 0.966 χ^2 /NDF: 783.0/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 ± 0.068 χ^2/NDF : 534647.5/16

Left Out: -147.153 ± 0.066 χ^2/NDF : 186771.5/10

Right Out: -85.803 ± 0.065 χ^2/NDF : 495895.1/18

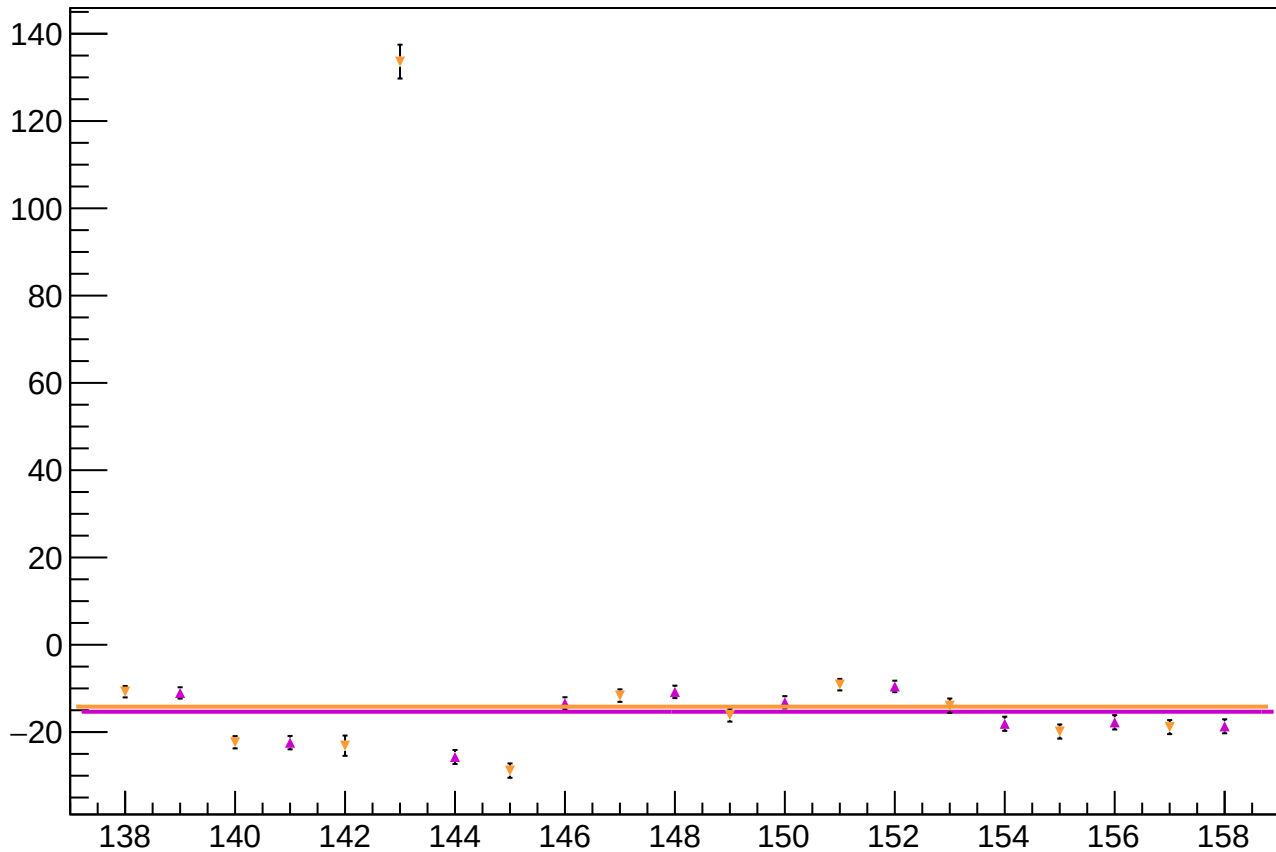
Left In: -154.481 ± 0.067 χ^2/NDF : 52885.1/9

+ sign -119.554 ± 0.047 χ^2/NDF : 1071659.0/27

All: -119.434 ± 0.033 χ^2/NDF : 2164558.1/56

- sign -119.318 ± 0.047 χ^2/NDF : 1092886.4/28

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: -14.180+/-0.480 χ^2/NDF : 1624.5/10

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

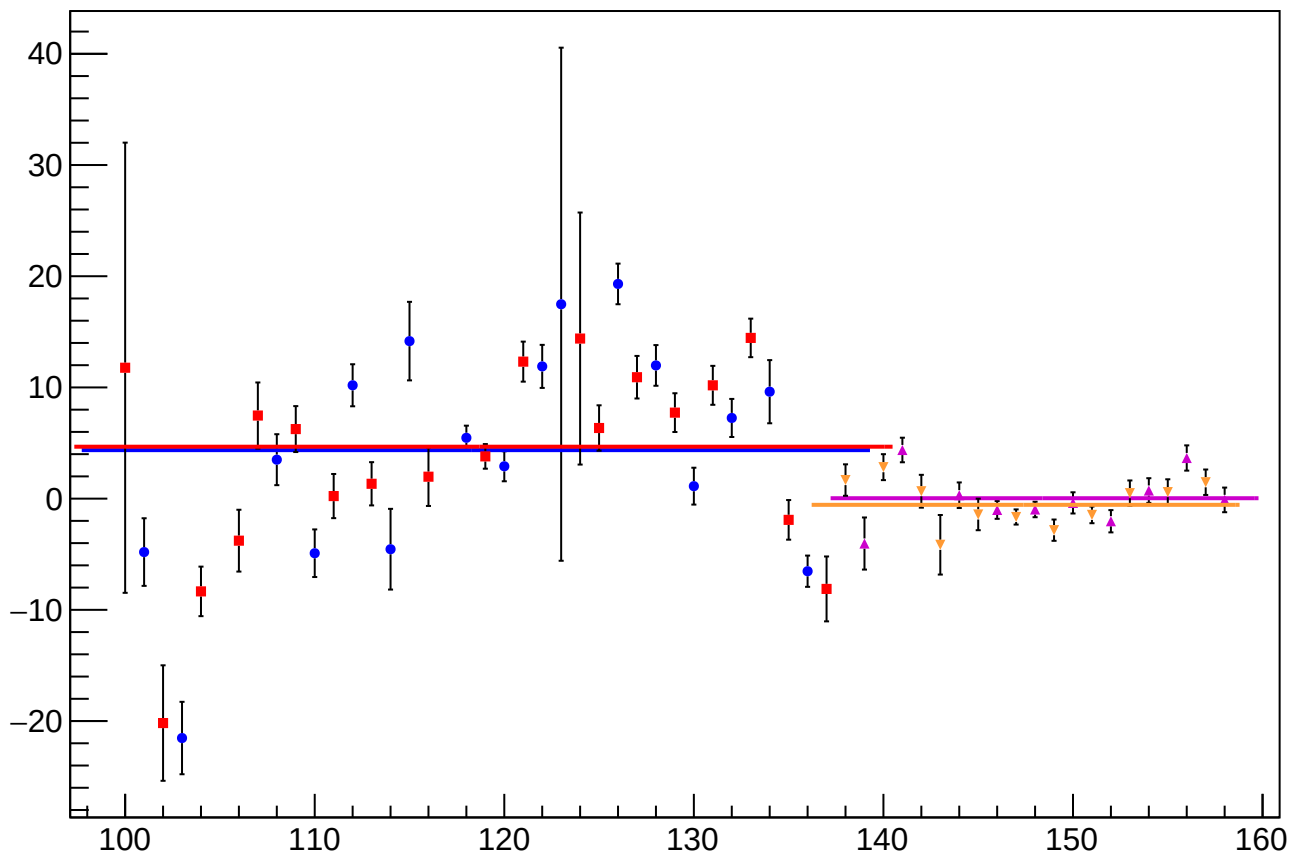
Left In: -15.344+/-0.464 χ^2/NDF : 117.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.781+/-0.334 χ^2/NDF : 1744.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361 ± 0.464 χ^2/NDF : 286.5/16

Left Out: -0.557 ± 0.322 χ^2/NDF : 28.5/10

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

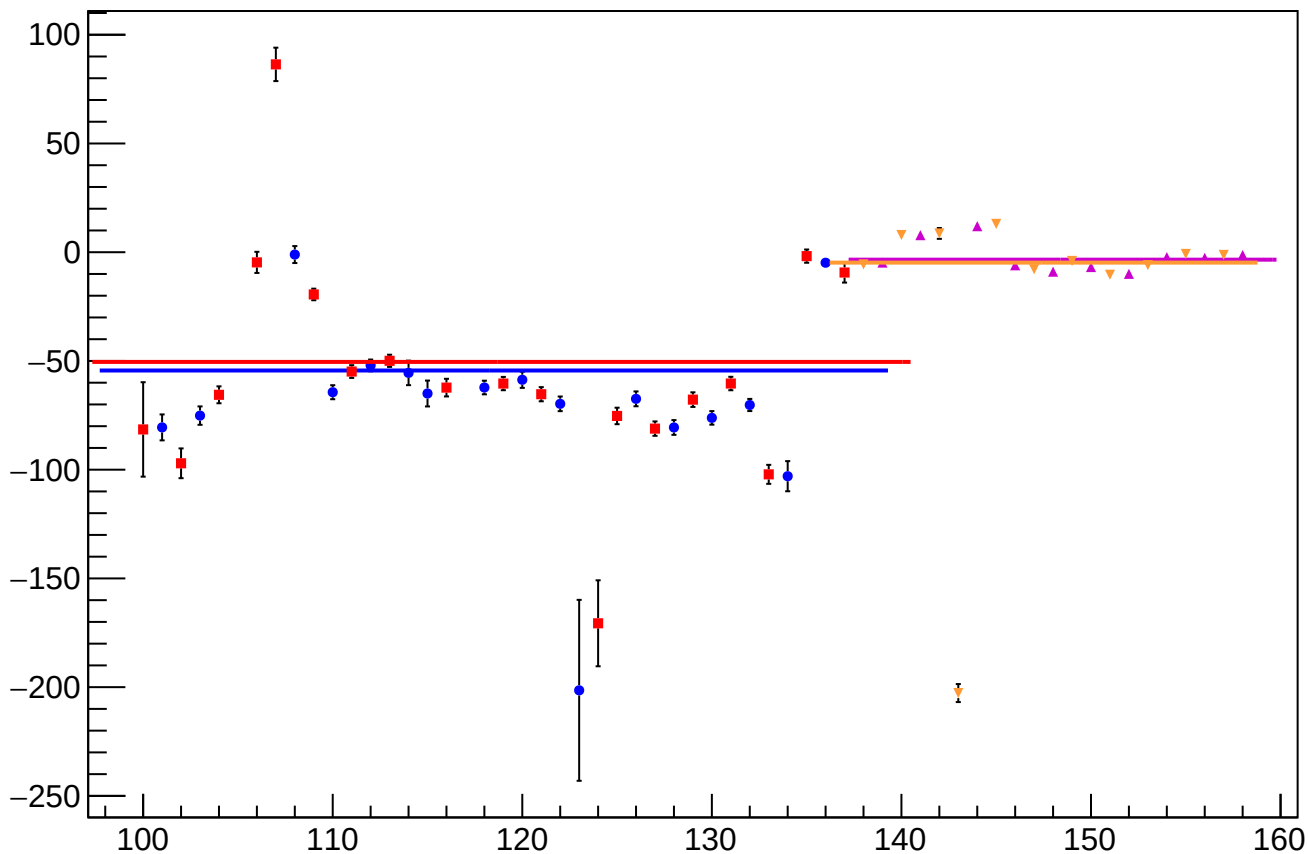
Left In: 0.037 ± 0.318 χ^2/NDF : 37.4/9

+ sign 1.040 ± 0.265 χ^2/NDF : 390.7/27

All: 1.258 ± 0.187 χ^2/NDF : 680.7/56

- sign 1.474 ± 0.264 χ^2/NDF : 288.6/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -4.780 ± 0.471 χ^2/NDF : 2529.7/10

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

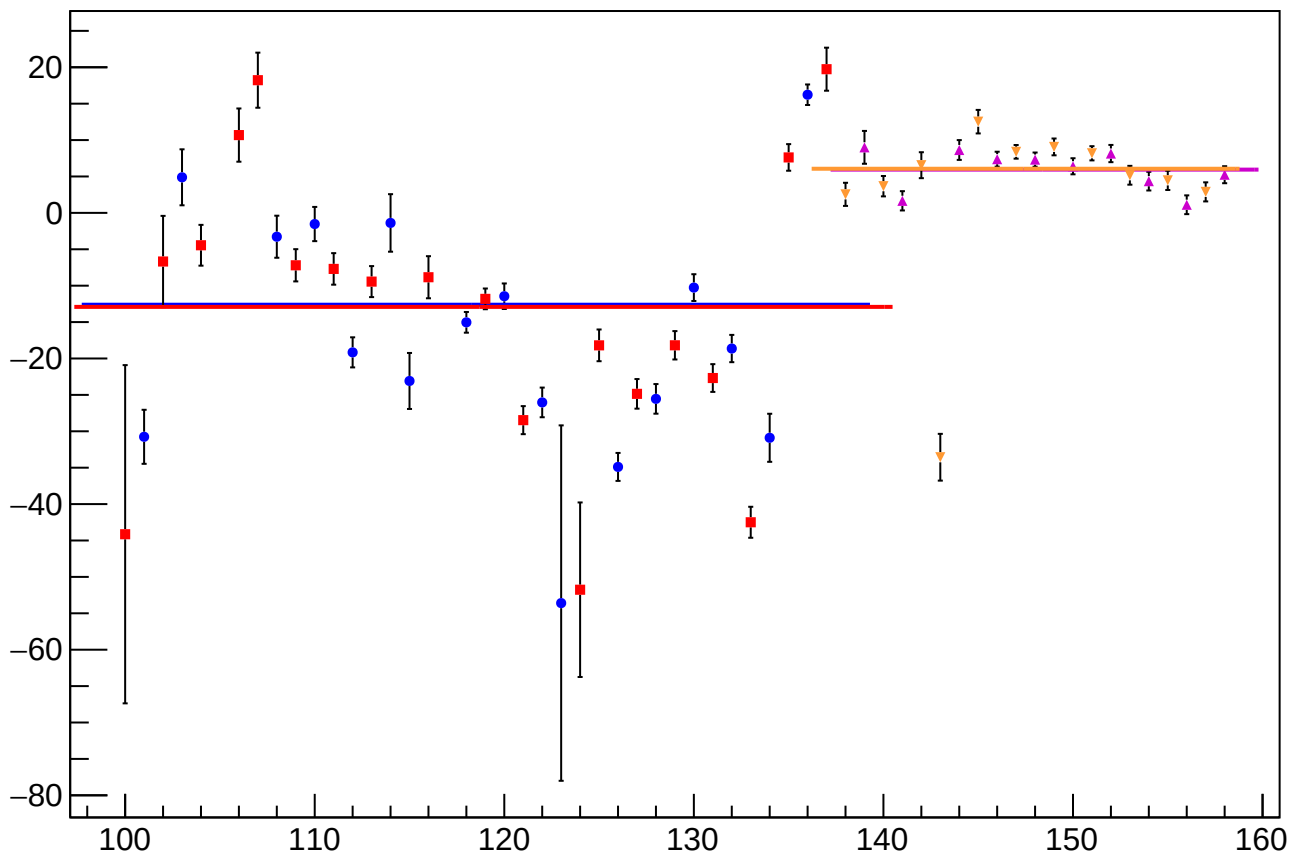
Left In: -3.426 ± 0.452 χ^2/NDF : 185.3/9

+ sign -16.169 ± 0.413 χ^2/NDF : 6092.1/27

All: -14.877 ± 0.287 χ^2/NDF : 9973.0/56

- sign -13.667 ± 0.400 χ^2/NDF : 3862.0/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 6.061 ± 0.396 χ^2/NDF : 201.6/10

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

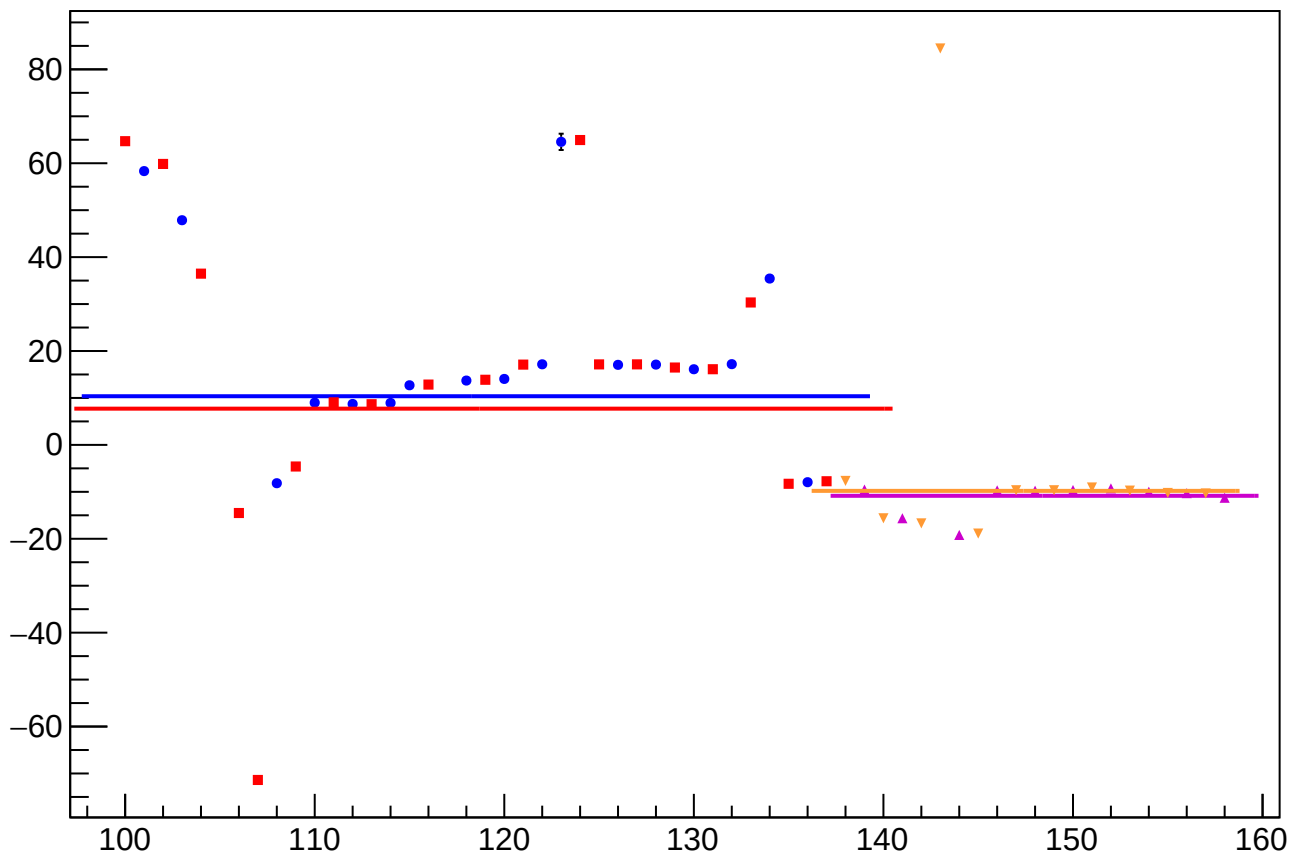
Left In: 5.942 ± 0.384 χ^2/NDF : 39.7/9

+ sign -0.619 ± 0.317 χ^2/NDF : 1786.9/27

All: -0.513 ± 0.223 χ^2/NDF : 3370.8/56

- sign -0.411 ± 0.312 χ^2/NDF : 1583.7/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF : 381003.5/16

Left Out: -9.795+/-0.019 χ^2/NDF : 354698.3/10

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

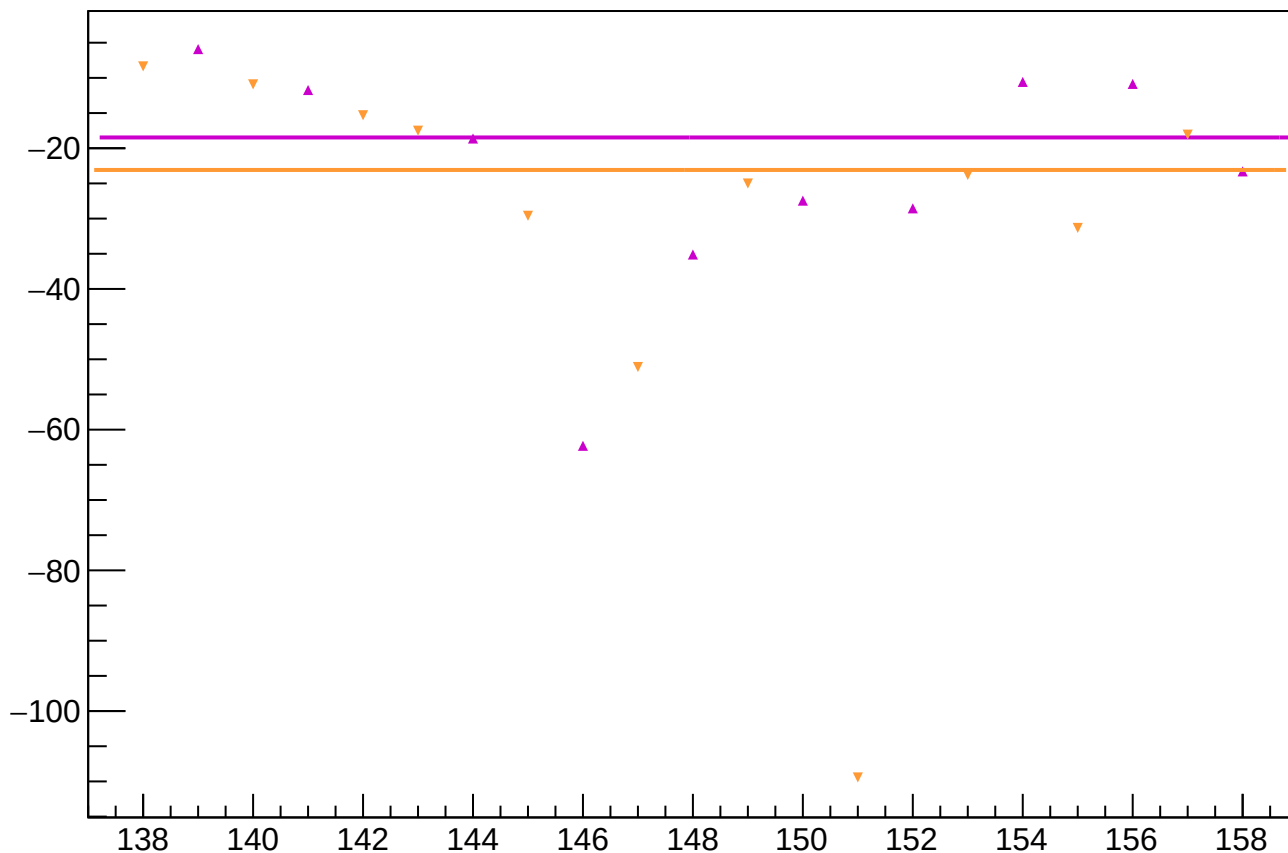
Left In: -10.845+/-0.018 χ^2/NDF : 20896.5/9

+ sign -4.329+/-0.016 χ^2/NDF : 1053398.9/27

All: -5.375+/-0.011 χ^2/NDF : 1895186.2/56

- sign -6.353+/-0.015 χ^2/NDF : 833407.1/28

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.087+/-0.081 χ^2/NDF : 50366.3/10

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

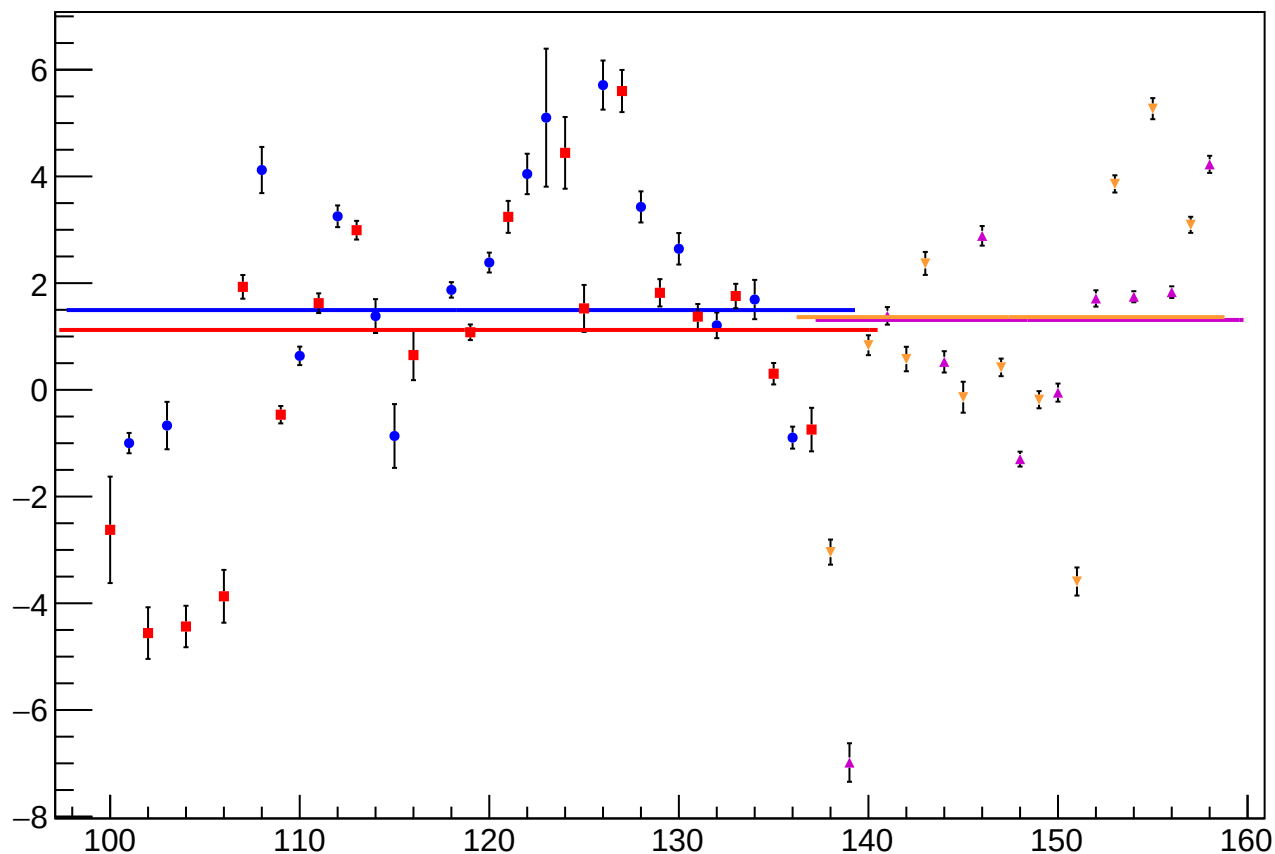
Left In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.379+/-0.052 χ^2/NDF : 88795.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 $\pm$ 0.061 χ^2/NDF : 708.8/16

Left Out: 1.363 $\pm$ 0.058 χ^2/NDF :1659.9/10

Right Out: 1.123 $\pm$ 0.058 χ^2/NDF : 946.5/18

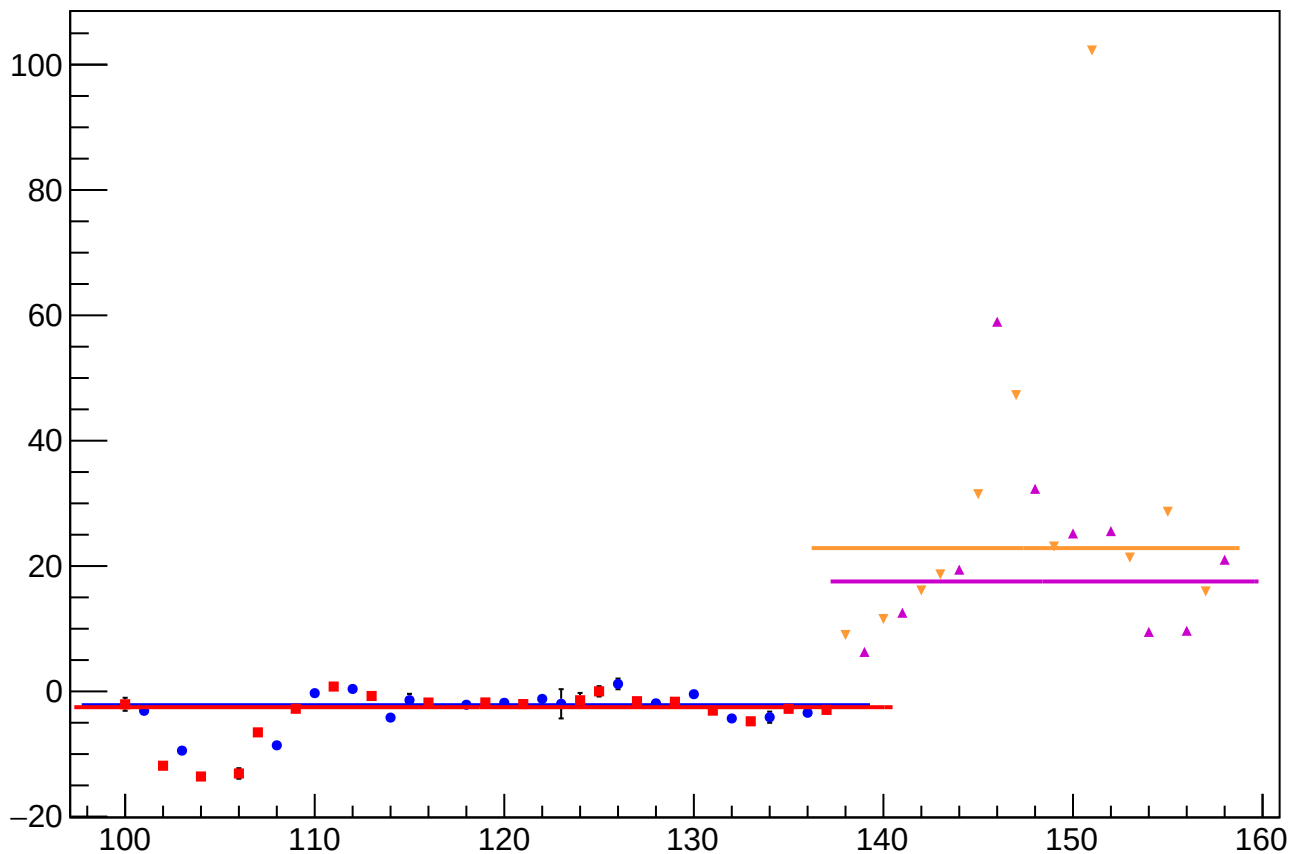
Left In: 1.310 $\pm$ 0.047 χ^2/NDF :1408.9/9

+ sign 1.426 $\pm$ 0.042 χ^2/NDF : 2371.1/27

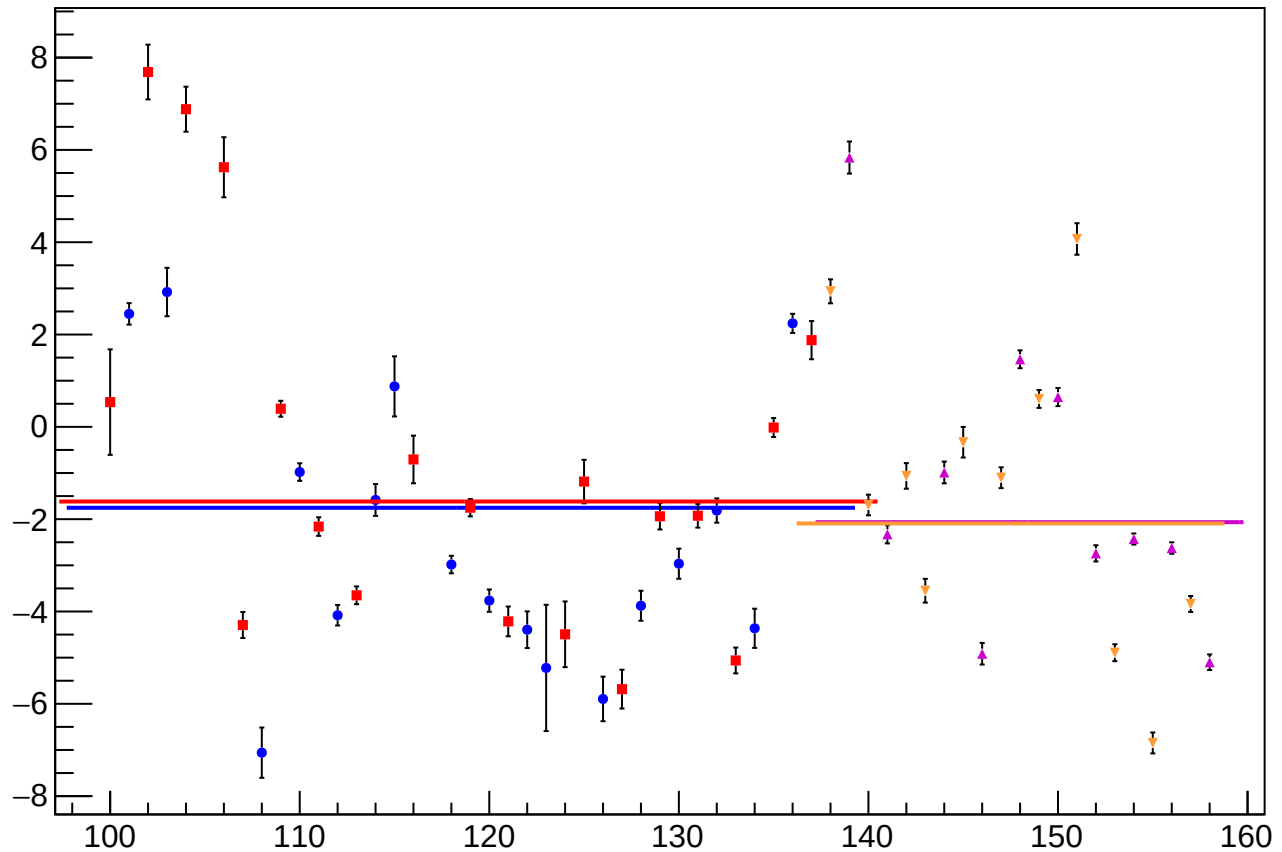
All: 1.318 $\pm$ 0.028 χ^2/NDF : 4744.4/56

- sign 1.235 $\pm$ 0.037 χ^2/NDF : 2361.6/28

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -2.093 ± 0.069 χ^2/NDF : 1765.6/10

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

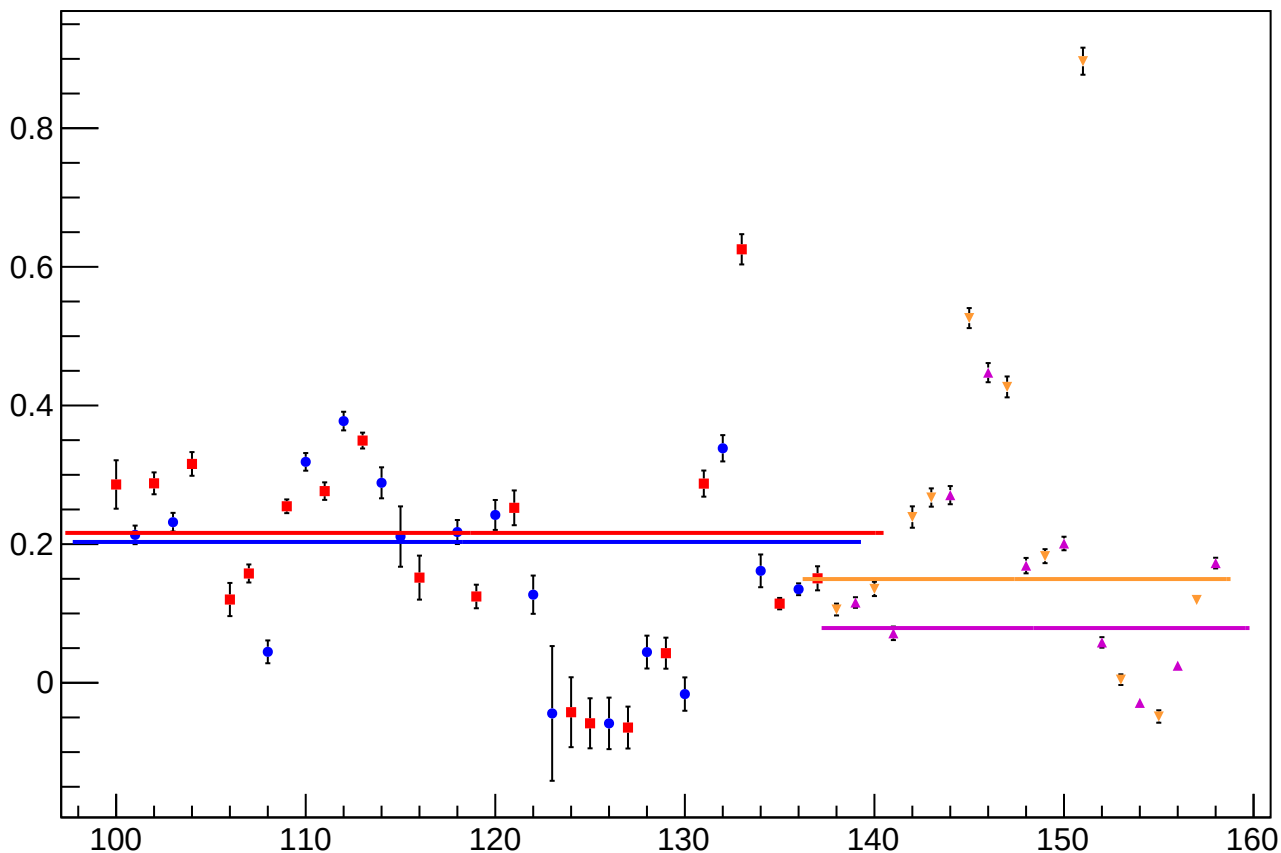
Left In: -2.065 ± 0.055 χ^2/NDF : 1576.7/9

+ sign -1.926 ± 0.049 χ^2/NDF : 3122.5/27

All: -1.899 ± 0.032 χ^2/NDF : 6214.4/56

- sign -1.879 ± 0.042 χ^2/NDF : 3091.3/28

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.150 ± 0.003 χ^2/NDF : 3499.0/10

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

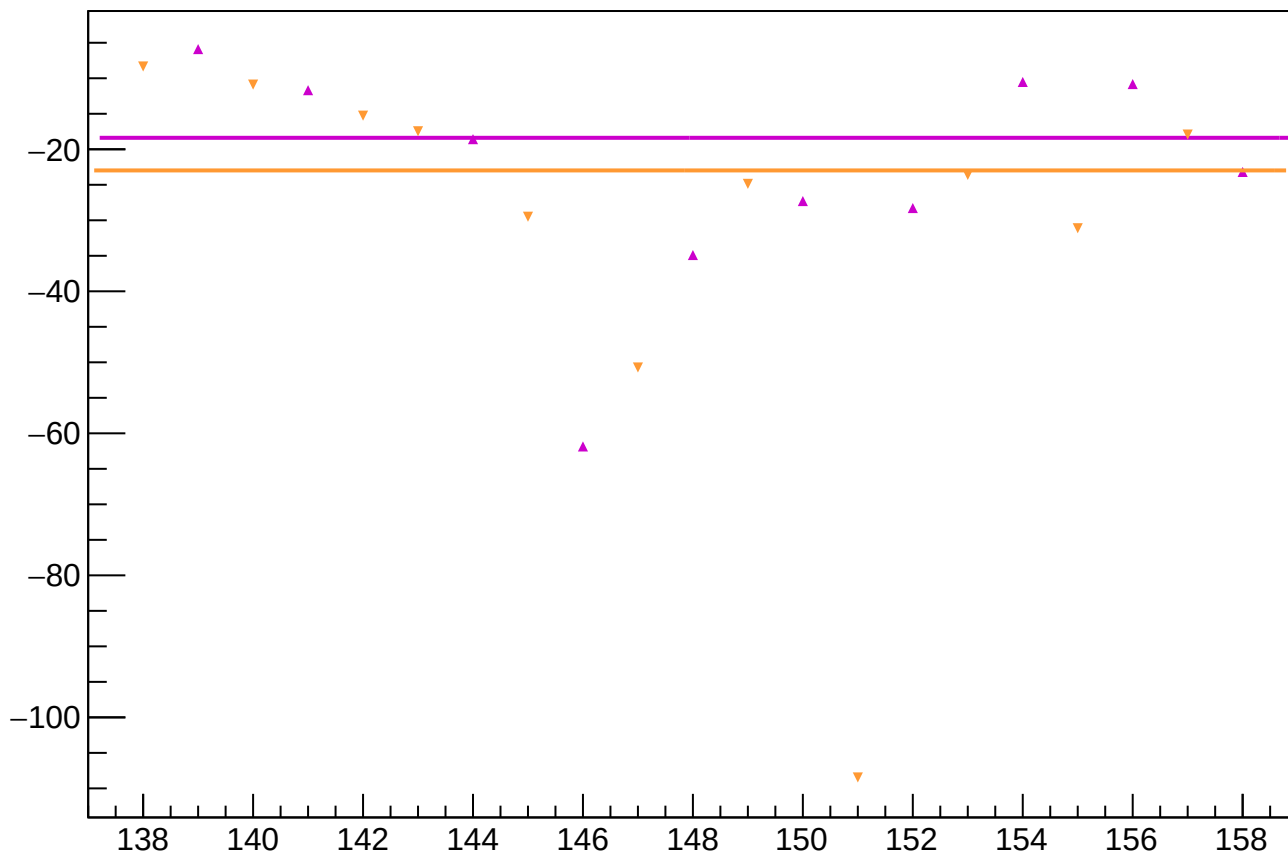
Left In: 0.079 ± 0.002 χ^2/NDF : 1933.4/9

+ sign 0.169 ± 0.002 χ^2/NDF : 4284.7/27

All: 0.139 ± 0.002 χ^2/NDF : 8503.0/56

- sign 0.119 ± 0.002 χ^2/NDF : 3976.5/28

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.978+/-0.080 χ^2/NDF : 50256.8/10

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

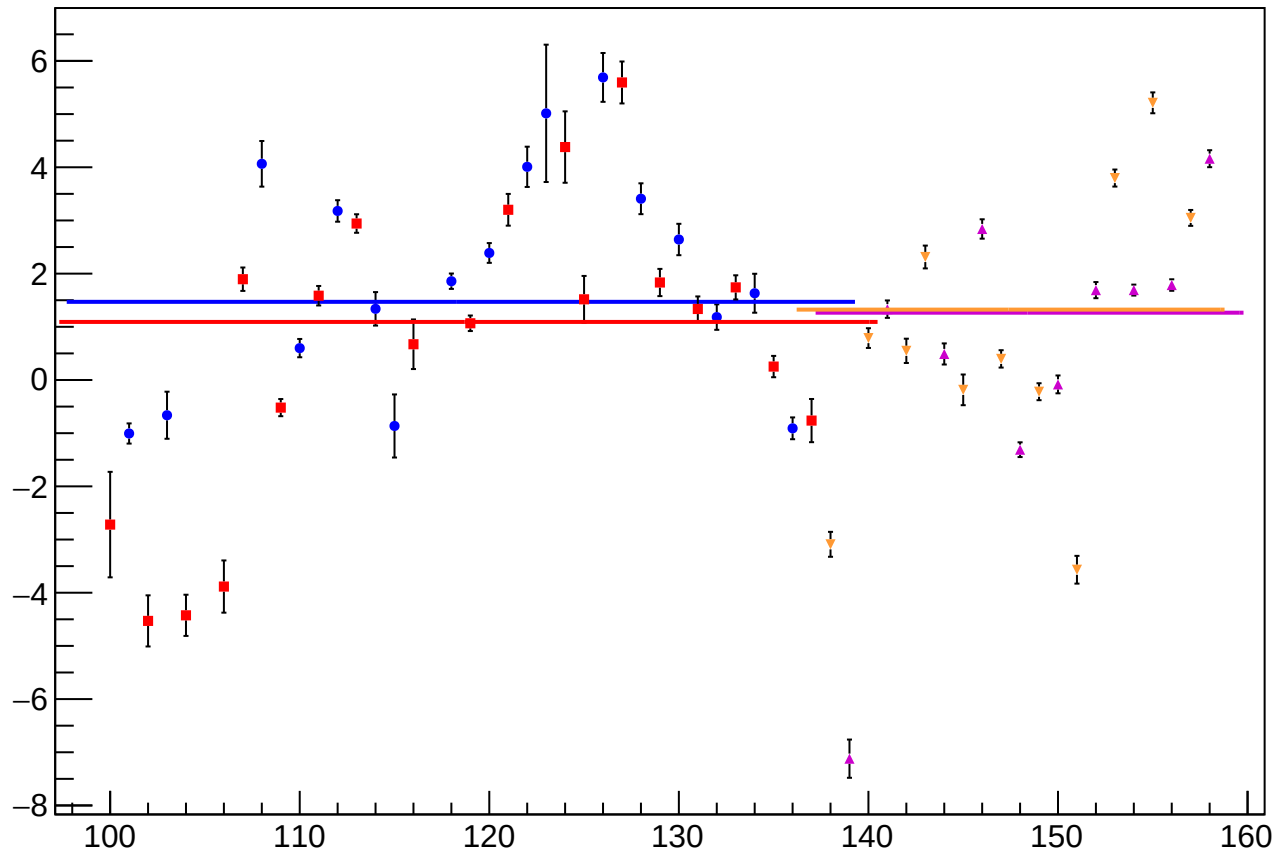
Left In: -18.385+/-0.068 χ^2/NDF : 36445.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.286+/-0.052 χ^2/NDF : 88613.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 $\pm$ 0.061 χ^2 /NDF: 707.9/16

Left Out: 1.323 $\pm$ 0.058 χ^2 /NDF:1664.6/10

Right Out: 1.092 $\pm$ 0.058 χ^2 /NDF: 952.1/18

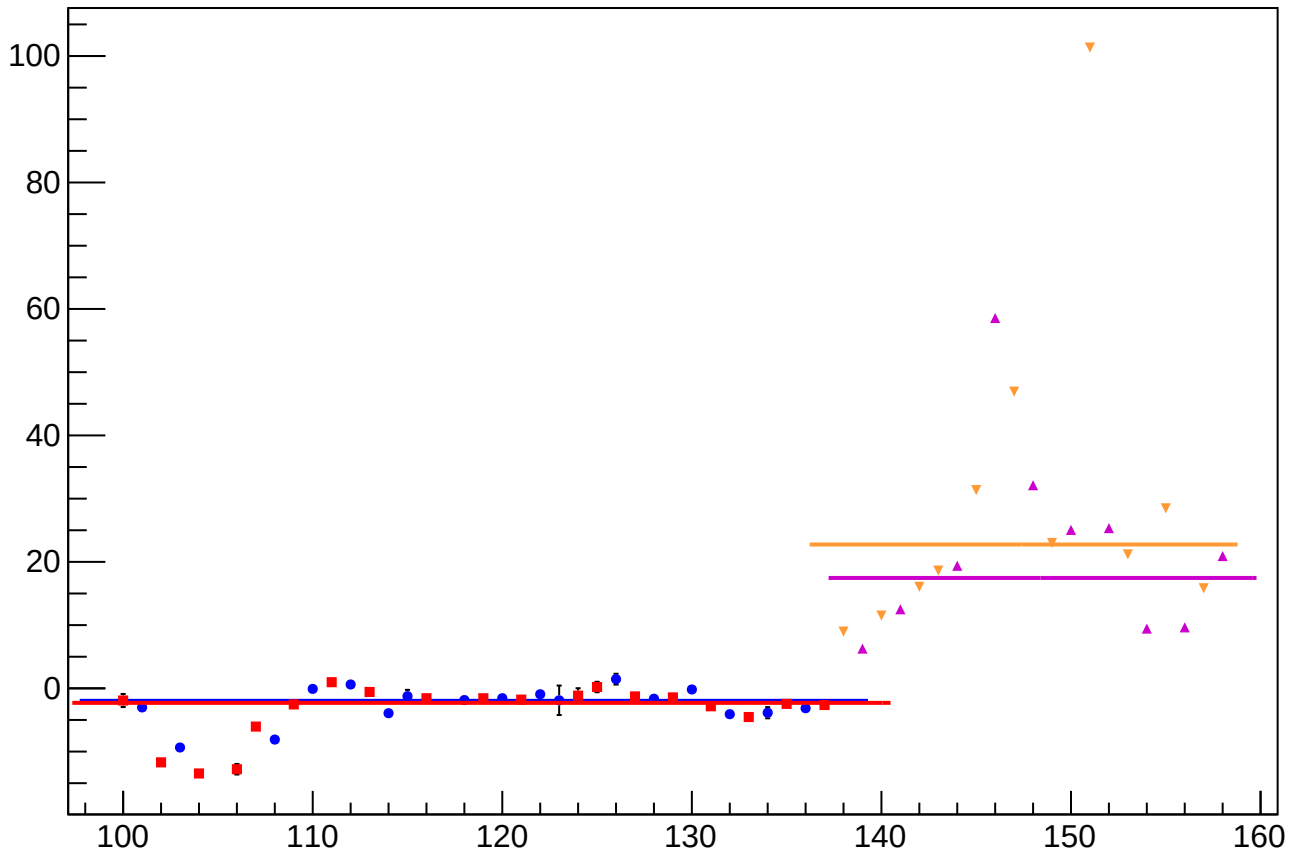
Left In: 1.266 $\pm$ 0.047 χ^2 /NDF:1420.8/9

+ sign 1.393 $\pm$ 0.042 χ^2 /NDF: 2375.5/27

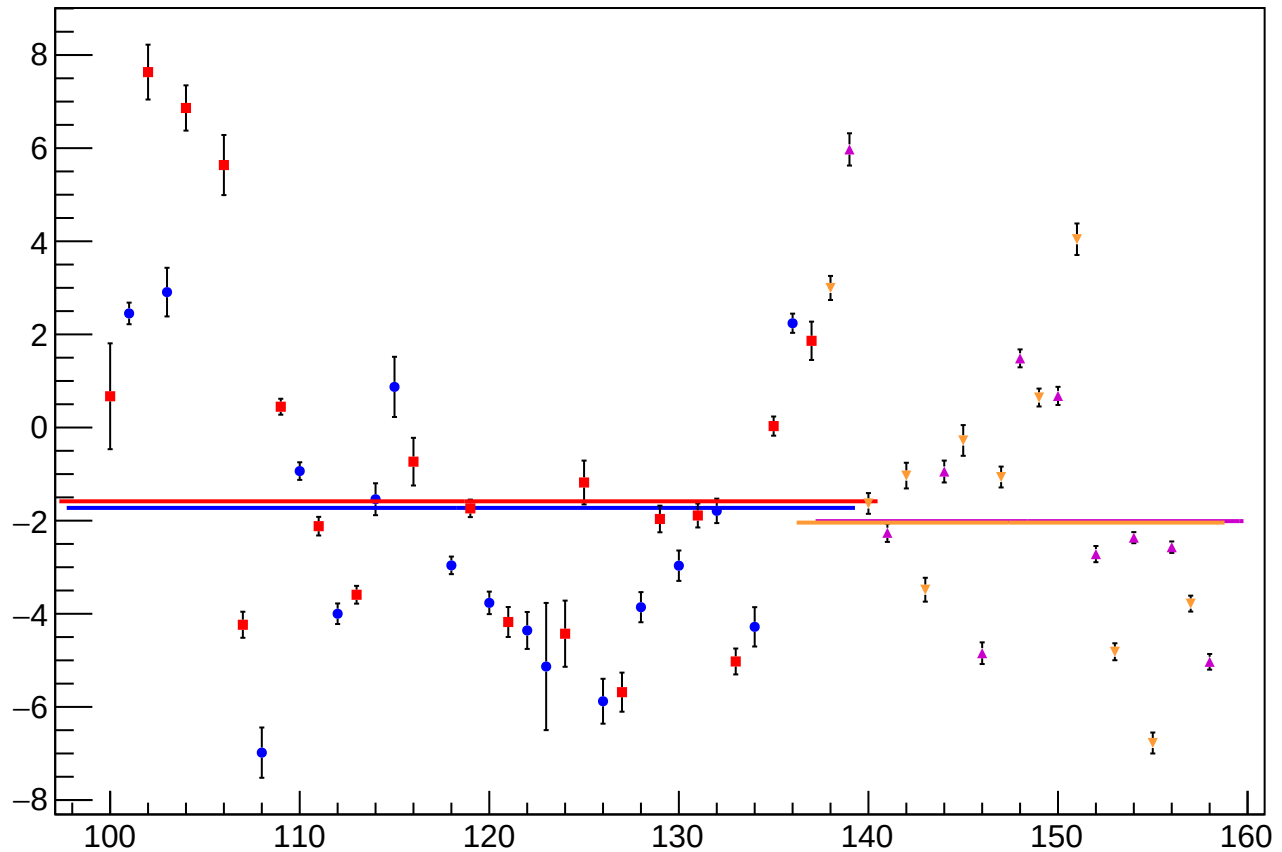
All: 1.281 $\pm$ 0.028 χ^2 /NDF: 4766.2/56

- sign 1.196 $\pm$ 0.037 χ^2 /NDF: 2378.3/28

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.041 ± 0.069 χ^2/NDF : 1771.4/10

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

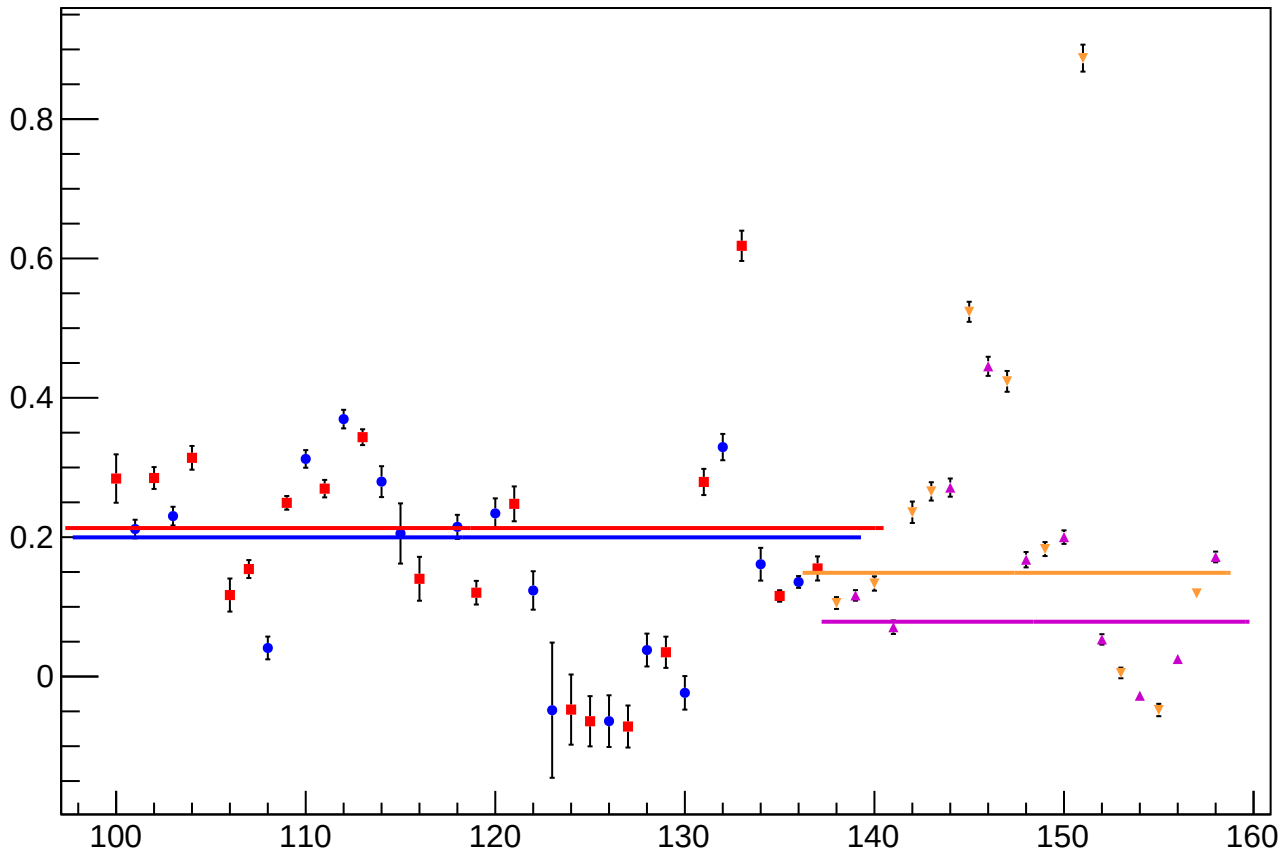
Left In: -2.010 ± 0.055 χ^2/NDF : 1592.4/9

+ sign -1.887 ± 0.049 χ^2/NDF : 3123.2/27

All: -1.856 ± 0.032 χ^2/NDF : 6233.9/56

- sign -1.833 ± 0.042 χ^2/NDF : 3110.0/28

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 $\chi^2/\text{NDF}: 662.5/16$

Left Out: 0.149 ± 0.003 $\chi^2/\text{NDF}: 3489.1/10$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1050.9/18$

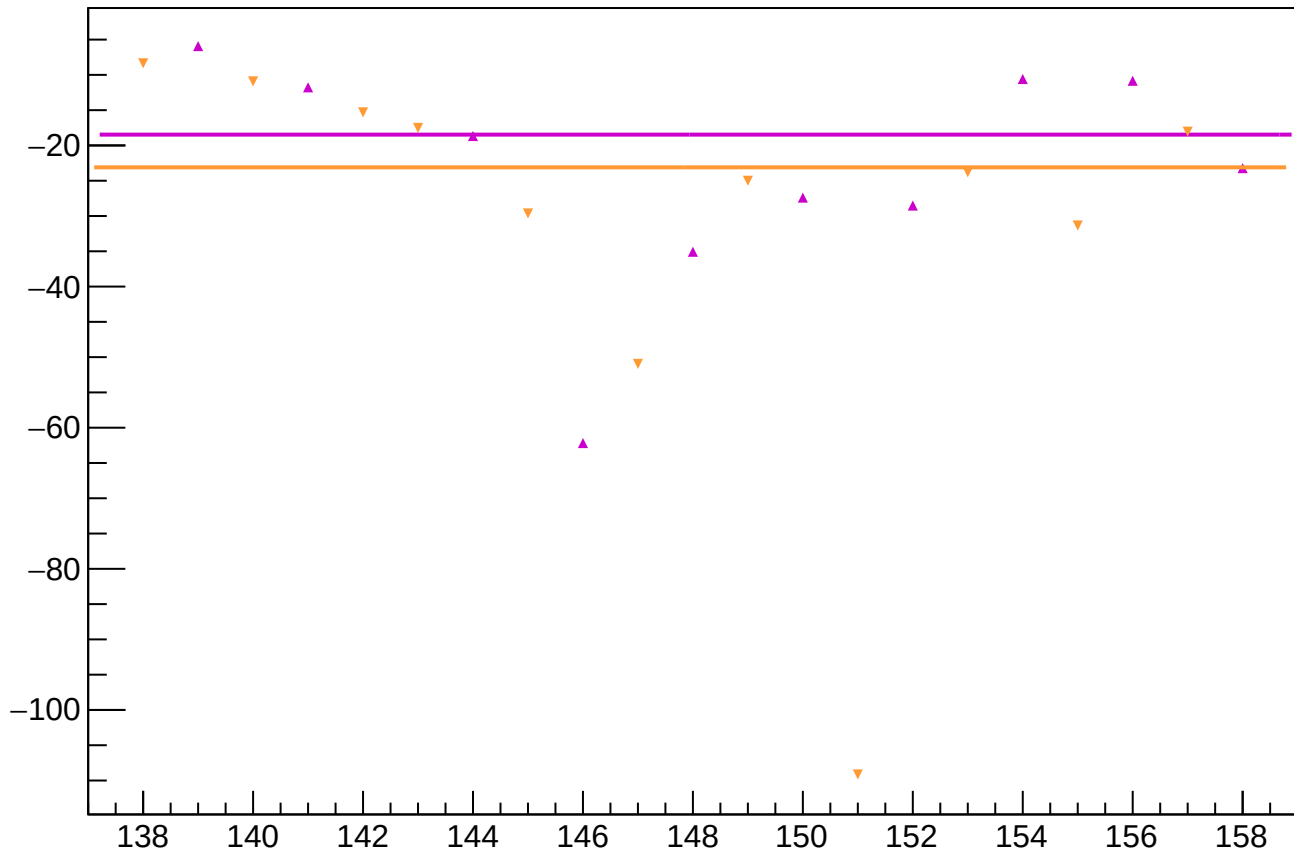
Left In: 0.079 ± 0.002 $\chi^2/\text{NDF}: 1933.1/9$

+ sign 0.167 ± 0.002 $\chi^2/\text{NDF}: 4250.8/27$

All: 0.138 ± 0.002 $\chi^2/\text{NDF}: 8420.1/56$

- sign 0.118 ± 0.002 $\chi^2/\text{NDF}: 3930.0/28$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.102+/-0.081 χ^2/NDF : 50367.2/10

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

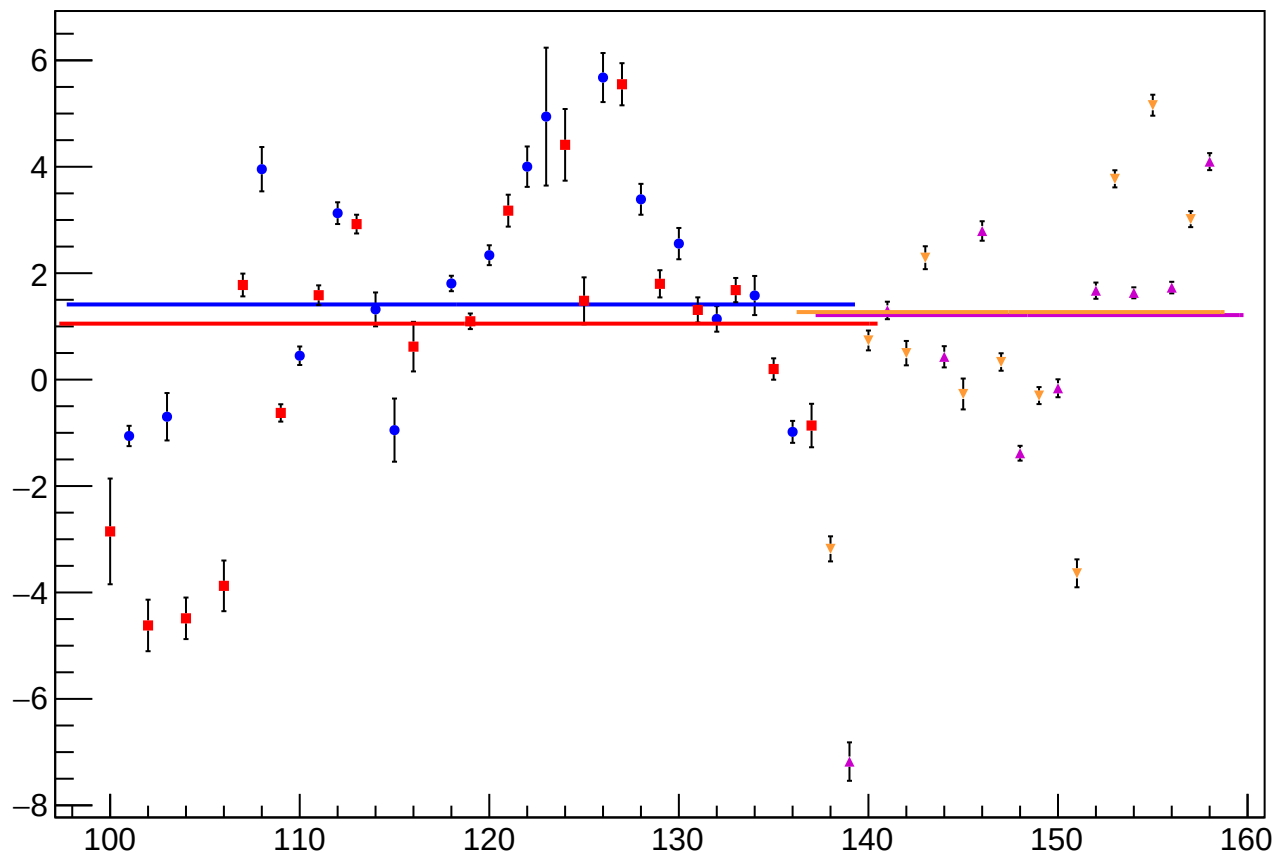
Left In: -18.467+/-0.068 χ^2/NDF : 36525.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.383+/-0.052 χ^2/NDF : 88823.9/20

- 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 $\pm$ 0.061 χ^2/NDF : 713.9/16

Left Out: 1.269 $\pm$ 0.058 χ^2/NDF : 1672.2/10

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 963.3/18

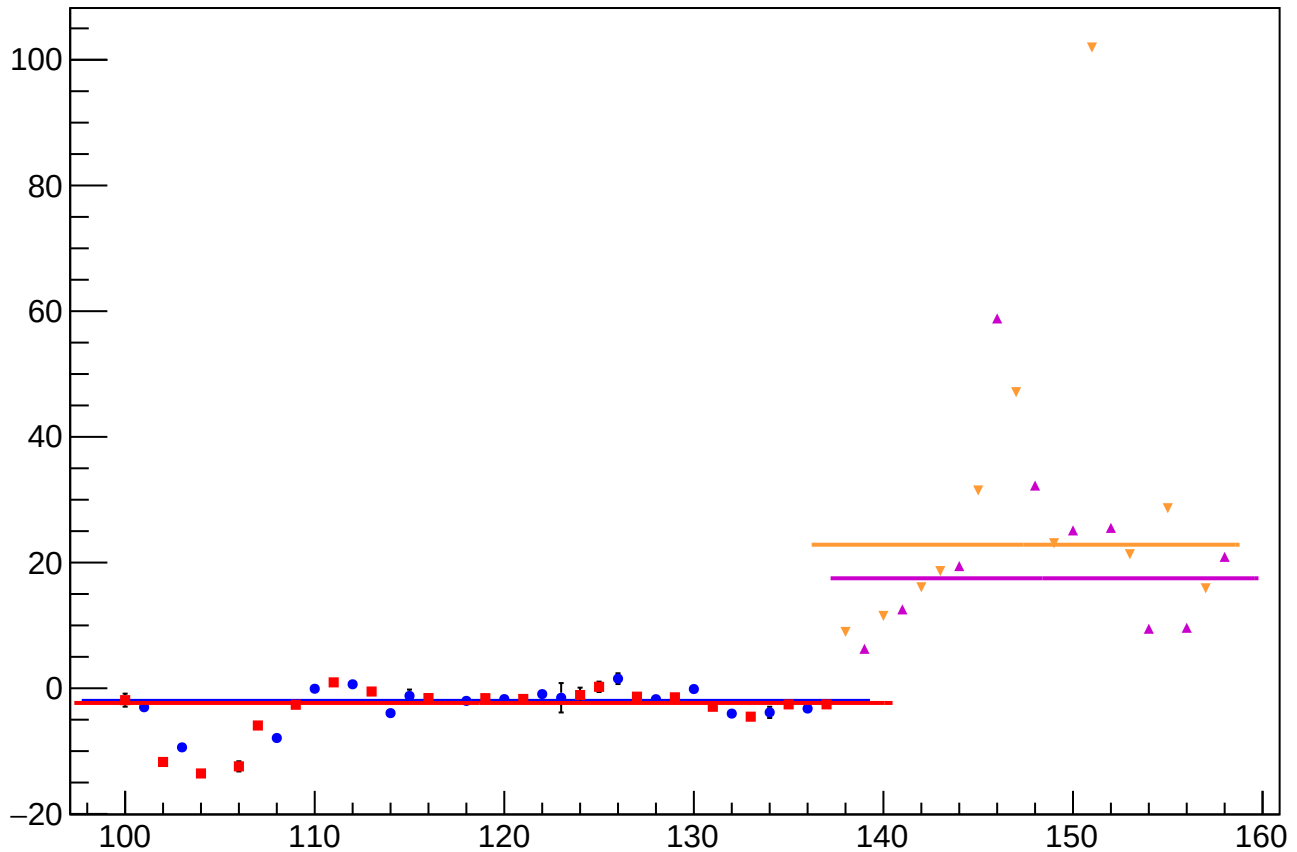
Left In: 1.213 $\pm$ 0.047 χ^2/NDF : 1418.1/9

+ sign 1.337 $\pm$ 0.042 χ^2/NDF : 2388.9/27

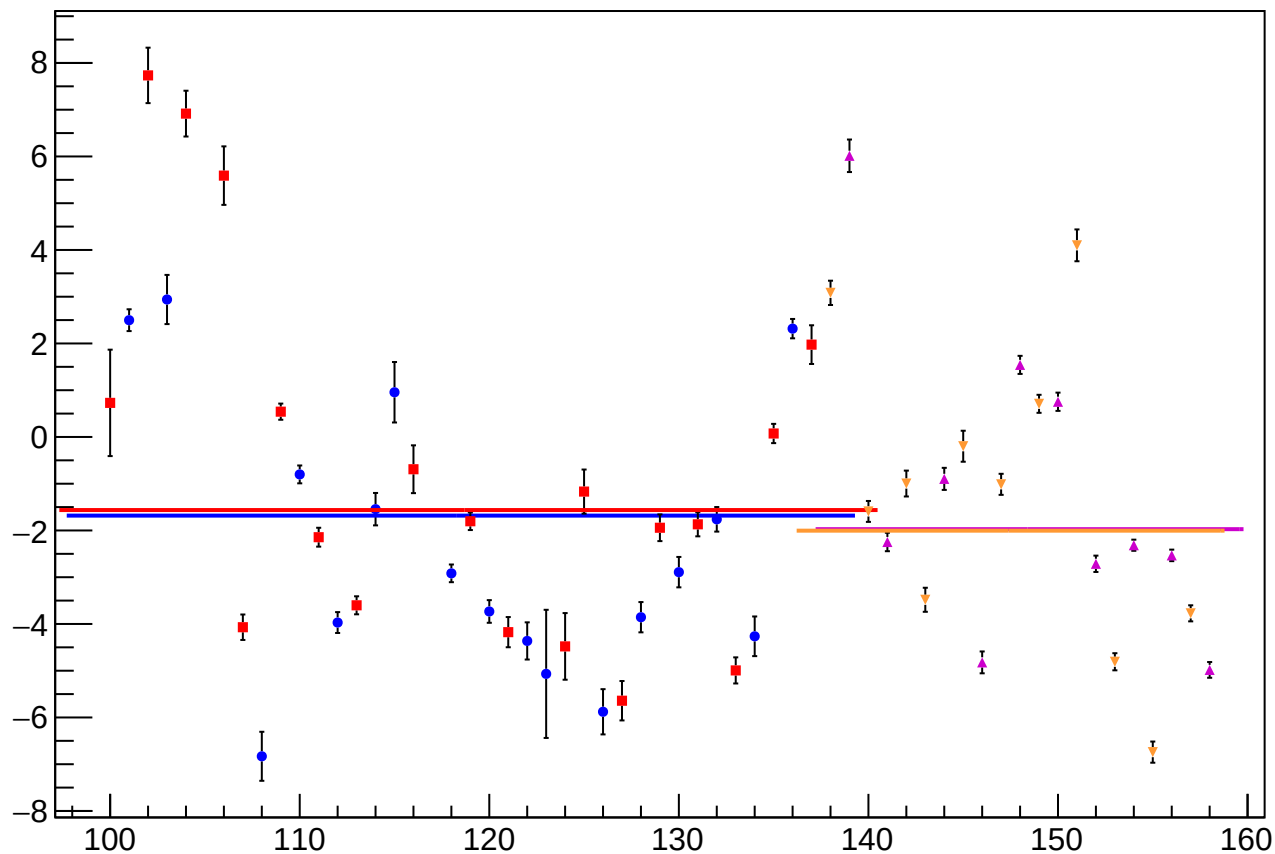
All: 1.230 $\pm$ 0.028 χ^2/NDF : 4786.4/56

- sign 1.149 $\pm$ 0.037 χ^2/NDF : 2386.0/28

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.004 ± 0.069 χ^2/NDF : 1780.3/10

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

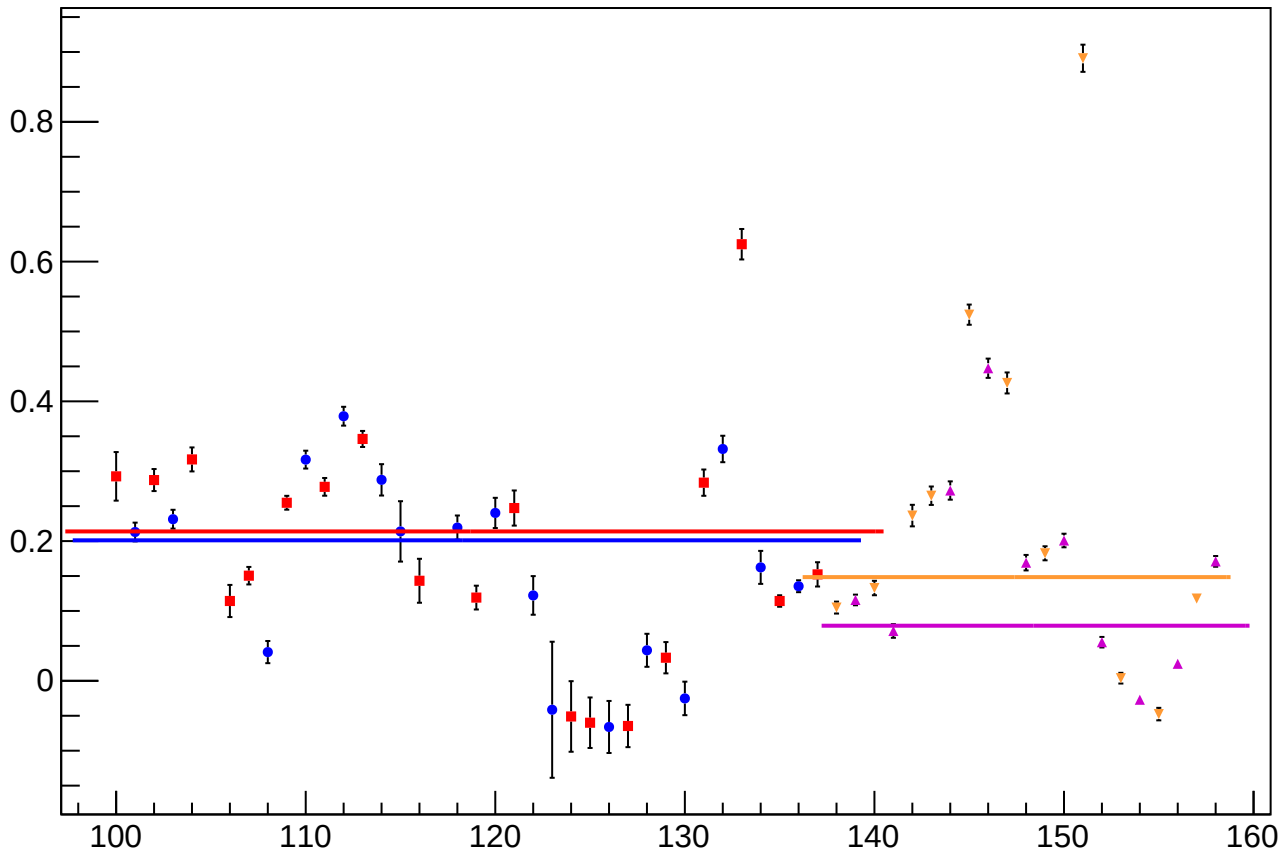
Left In: -1.972 ± 0.055 χ^2/NDF : 1590.8/9

+ sign -1.846 ± 0.049 χ^2/NDF : 3138.9/27

All: -1.821 ± 0.032 χ^2/NDF : 6257.5/56

- sign -1.803 ± 0.042 χ^2/NDF : 3118.2/28

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.148 ± 0.003 χ^2/NDF : 3483.6/10

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

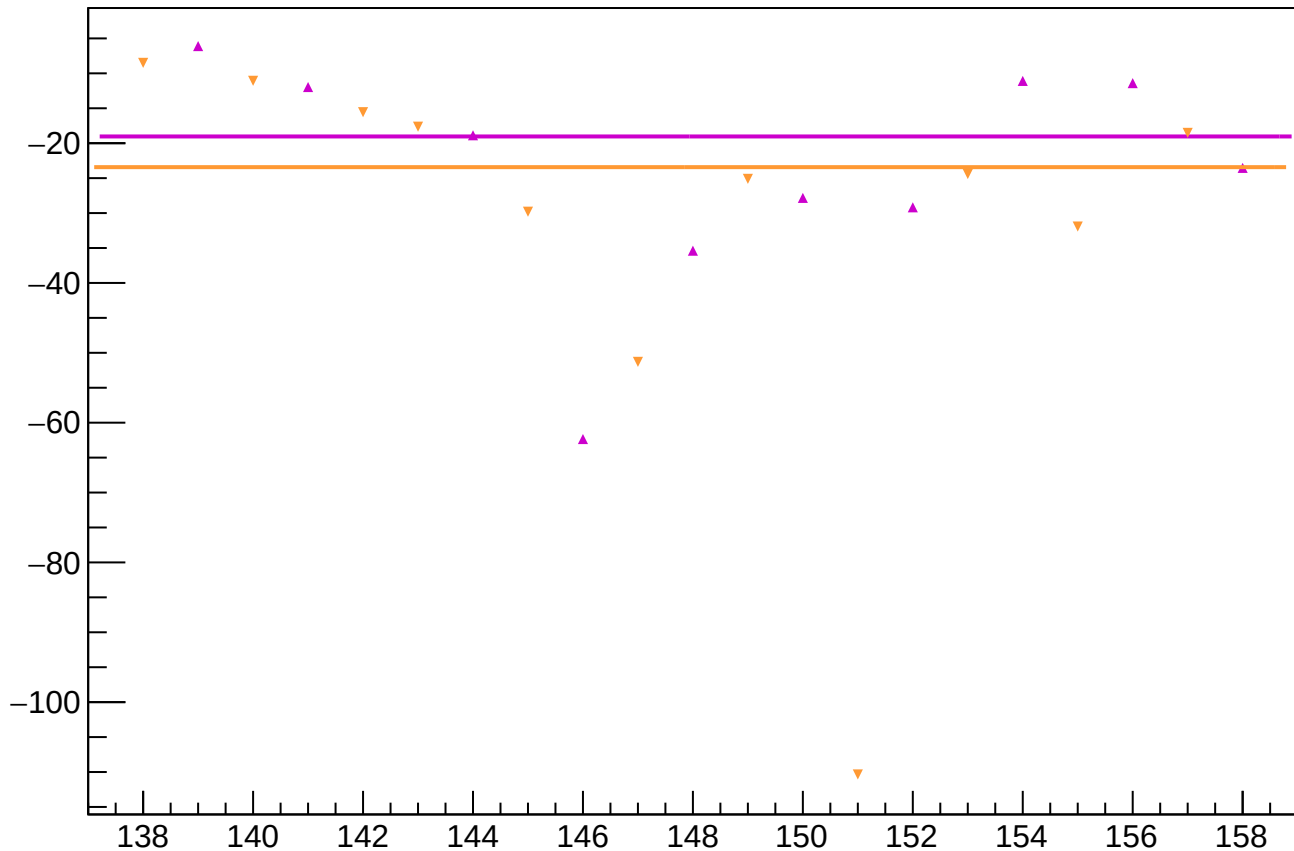
Left In: 0.079 ± 0.002 χ^2/NDF : 1929.0/9

+ sign 0.167 ± 0.002 χ^2/NDF : 4280.3/27

All: 0.138 ± 0.002 χ^2/NDF : 8476.4/56

- sign 0.119 ± 0.002 χ^2/NDF : 3961.0/28

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.428+/-0.082 χ^2/NDF : 50222.6/10

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

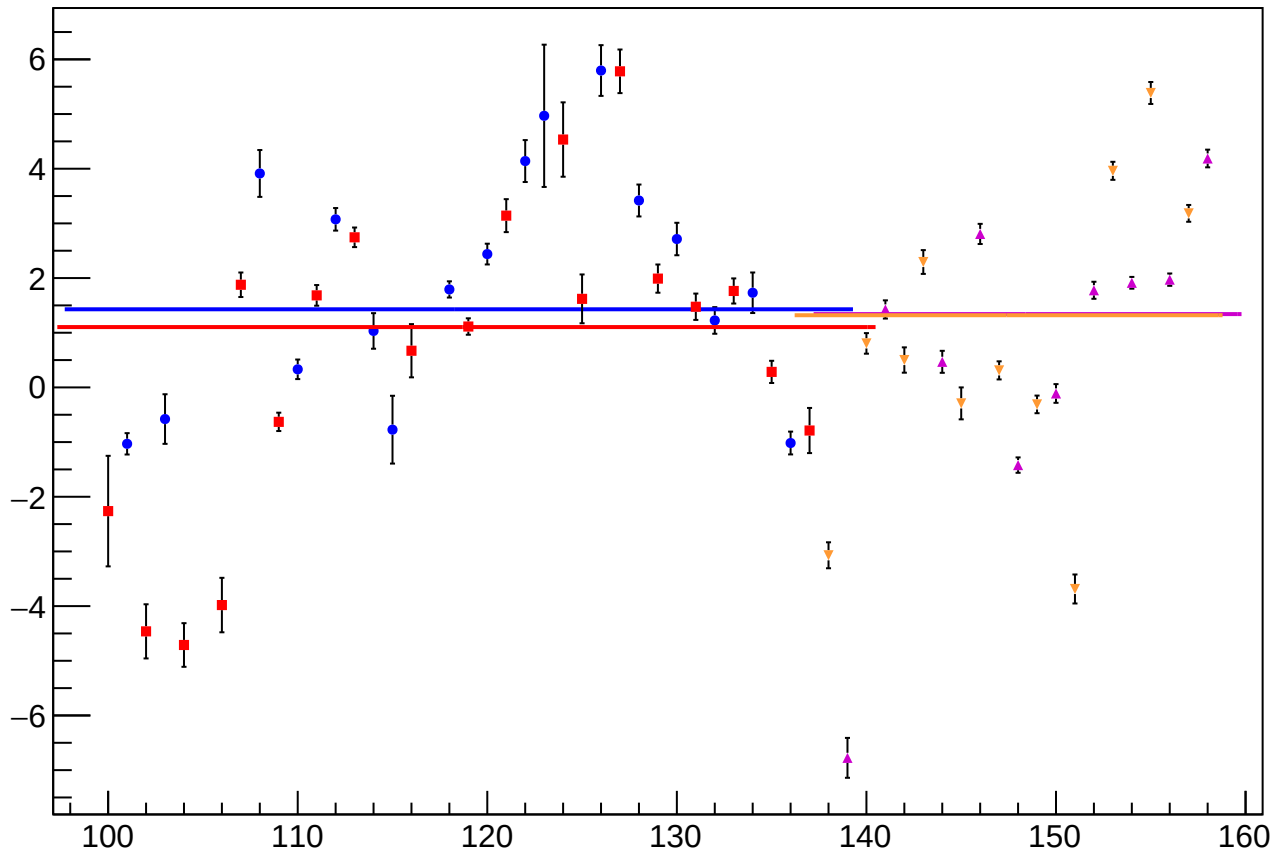
Left In: -19.033+/-0.069 χ^2/NDF : 35482.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.870+/-0.053 χ^2/NDF : 87379.9/20

- 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 $\chi^2/\text{NDF}: 711.4/16$

Left Out: 1.320 ± 0.059 $\chi^2/\text{NDF}: 1721.1/10$

Right Out: 1.104 ± 0.059 $\chi^2/\text{NDF}: 936.5/18$

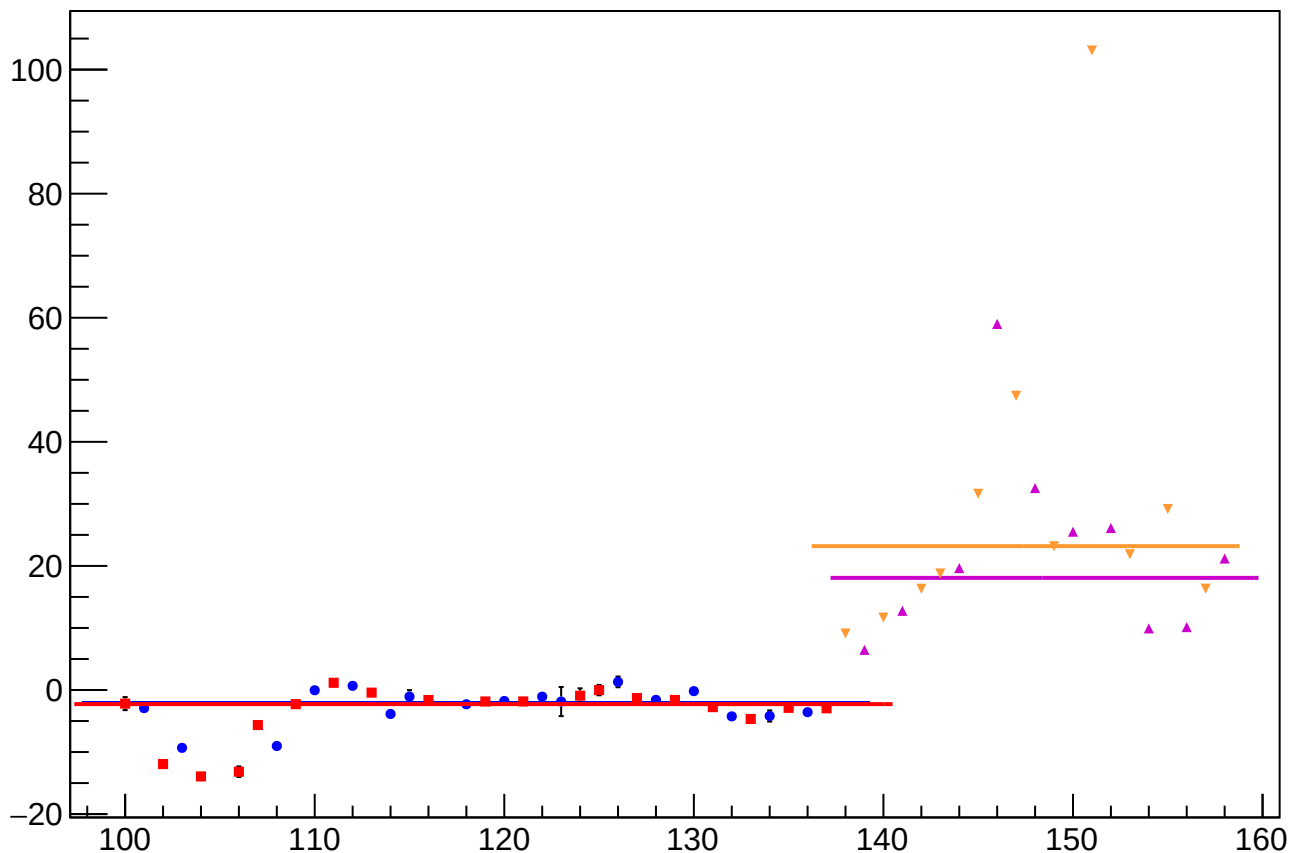
Left In: 1.341 ± 0.048 $\chi^2/\text{NDF}: 1411.0/9$

+ sign 1.371 ± 0.043 $\chi^2/\text{NDF}: 2434.1/27$

All: 1.301 ± 0.028 $\chi^2/\text{NDF}: 4796.1/56$

- sign 1.246 ± 0.038 $\chi^2/\text{NDF}: 2357.1/28$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 23.187 ± 0.081 $\chi^2/\text{NDF}: 45263.0/10$

Right Out: -2.278 ± 0.101 $\chi^2/\text{NDF}: 918.6/18$

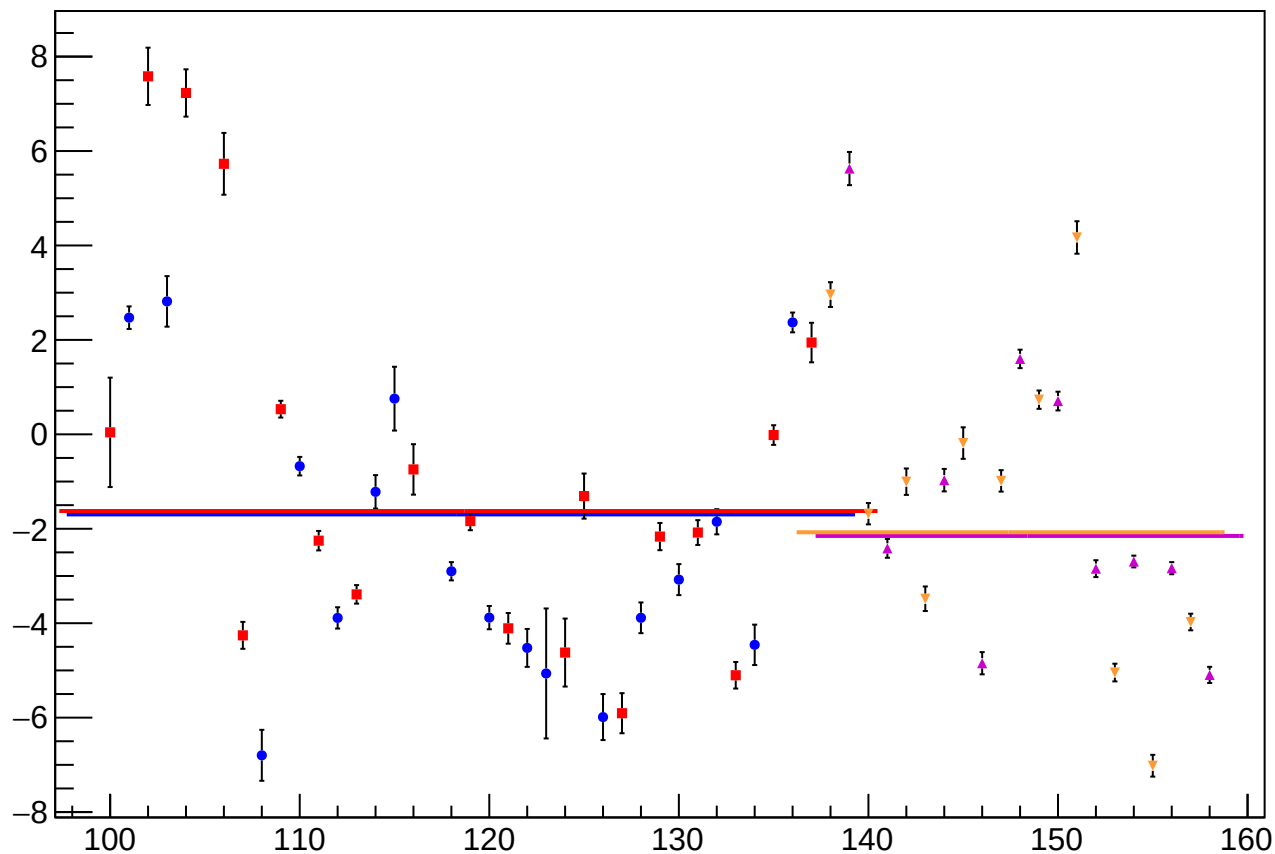
Left In: 18.073 ± 0.067 $\chi^2/\text{NDF}: 33173.5/9$

+ sign 14.573 ± 0.066 $\chi^2/\text{NDF}: 78988.1/27$

All: 13.002 ± 0.043 $\chi^2/\text{NDF}: 142283.3/56$

- sign 11.870 ± 0.056 $\chi^2/\text{NDF}: 62312.1/28$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -2.074 ± 0.070 χ^2/NDF : 1836.6/10

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

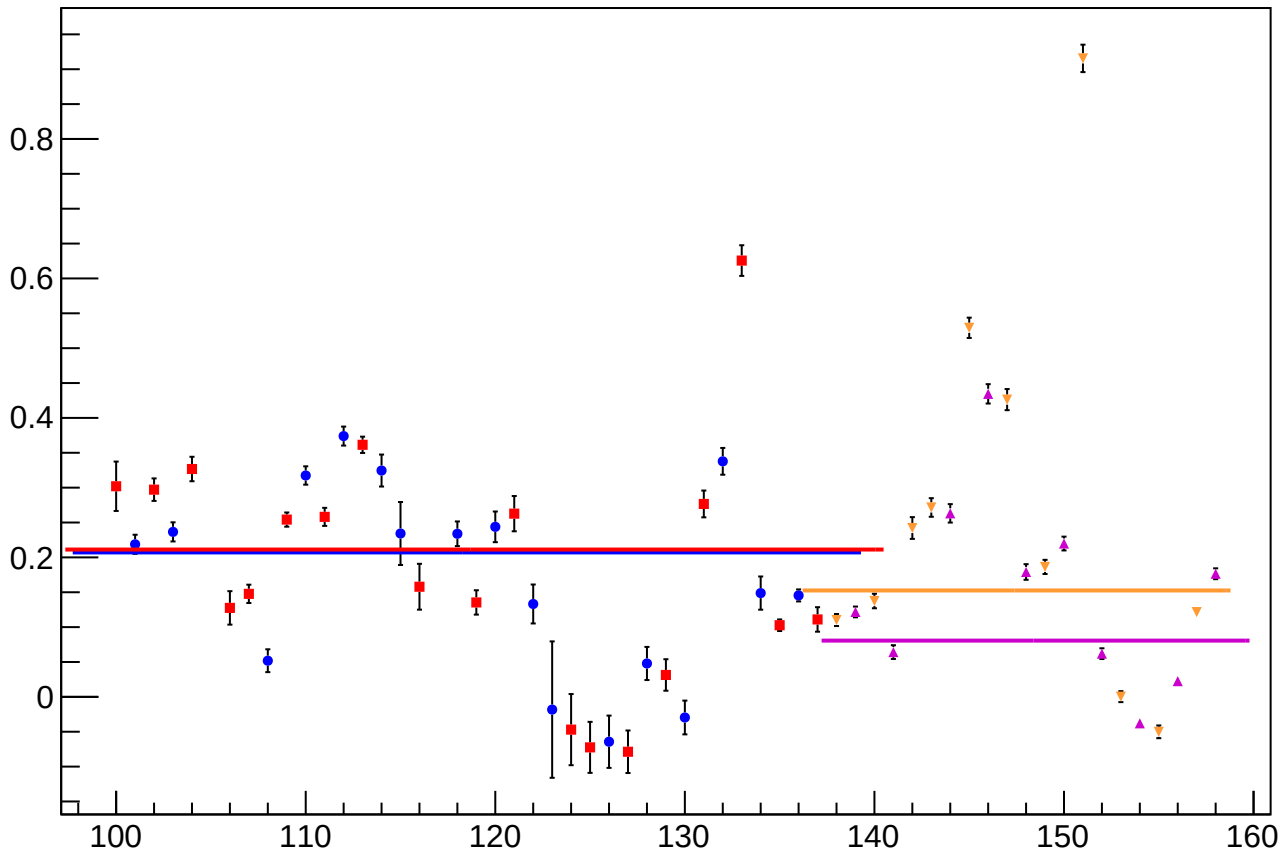
Left In: -2.152 ± 0.057 χ^2/NDF : 1584.6/9

+ sign -1.889 ± 0.050 χ^2/NDF : 3184.2/27

All: -1.914 ± 0.033 χ^2/NDF : 6272.7/56

- sign -1.932 ± 0.043 χ^2/NDF : 3088.1/28

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 $\chi^2/\text{NDF}: 656.3/16$

Left Out: 0.153 ± 0.003 $\chi^2/\text{NDF}: 3543.0/10$

Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.7/18$

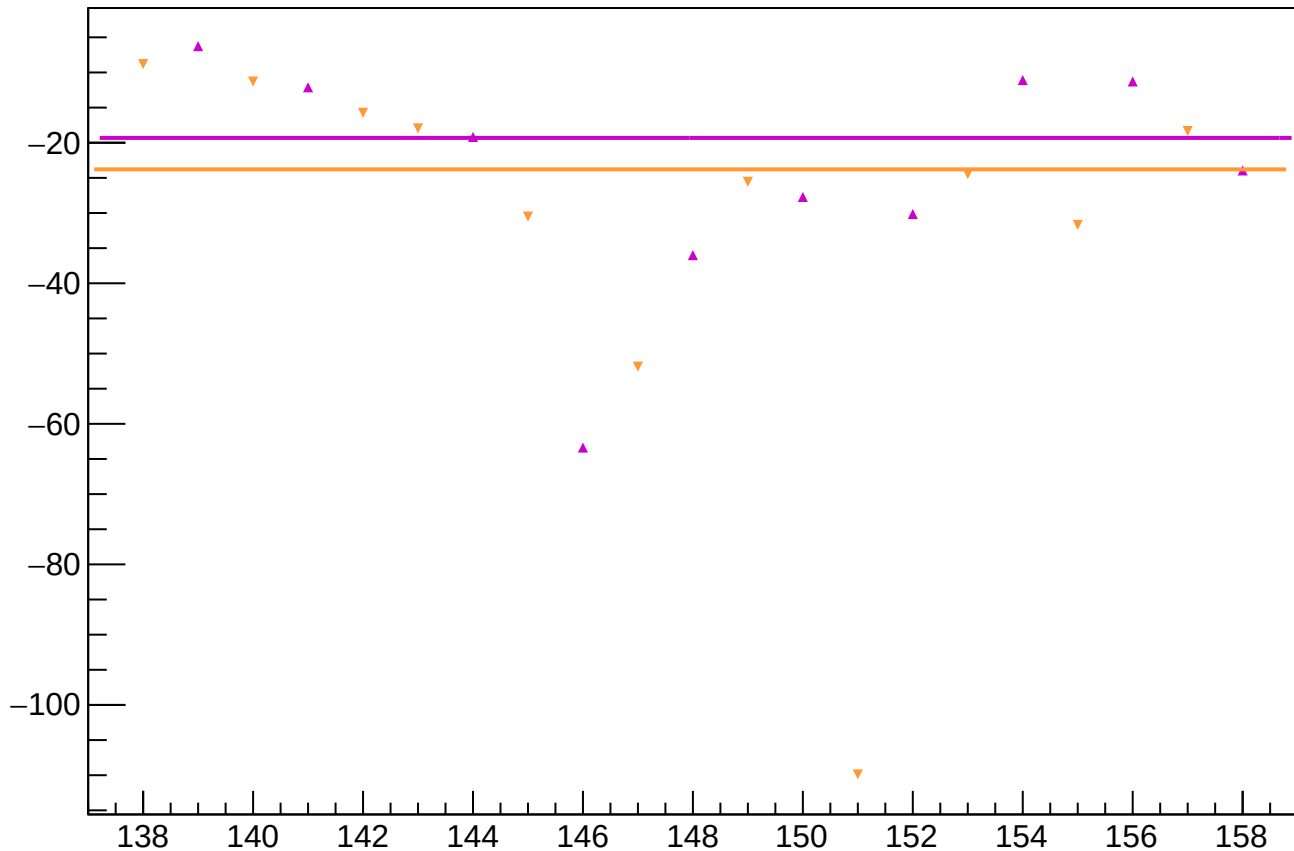
Left In: 0.081 ± 0.002 $\chi^2/\text{NDF}: 1978.6/9$

+ sign 0.172 ± 0.002 $\chi^2/\text{NDF}: 4308.8/27$

All: 0.140 ± 0.002 $\chi^2/\text{NDF}: 8547.7/56$

- sign 0.119 ± 0.002 $\chi^2/\text{NDF}: 3974.5/28$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.790+/-0.083 χ^2/NDF : 49517.5/10

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

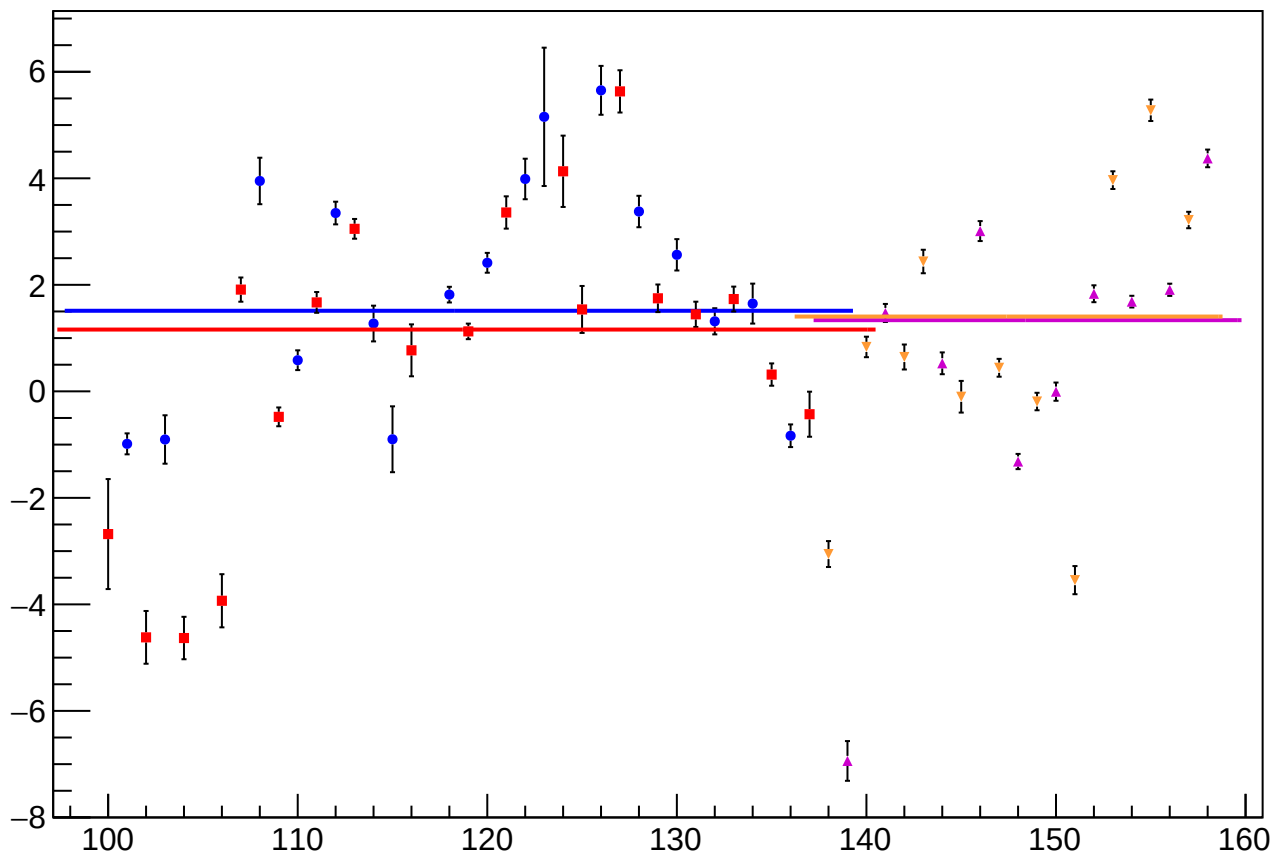
Left In: -19.313+/-0.071 χ^2/NDF : 35765.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.193+/-0.054 χ^2/NDF : 86968.1/20

- 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: 1.404 ± 0.059 χ^2/NDF : 1626.5/10

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

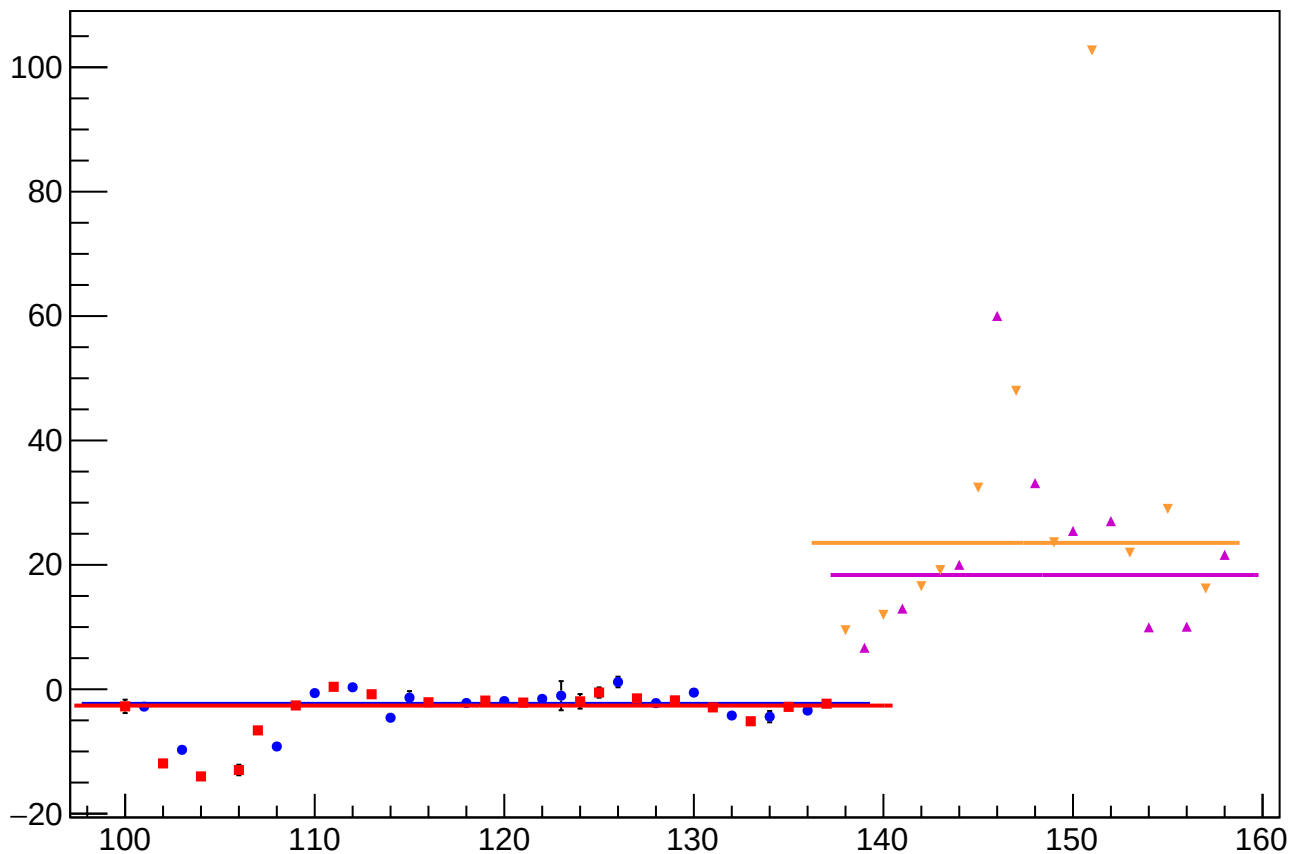
Left In: 1.336 ± 0.049 χ^2/NDF : 1374.1/9

+ sign 1.456 ± 0.043 χ^2/NDF : 2297.8/27

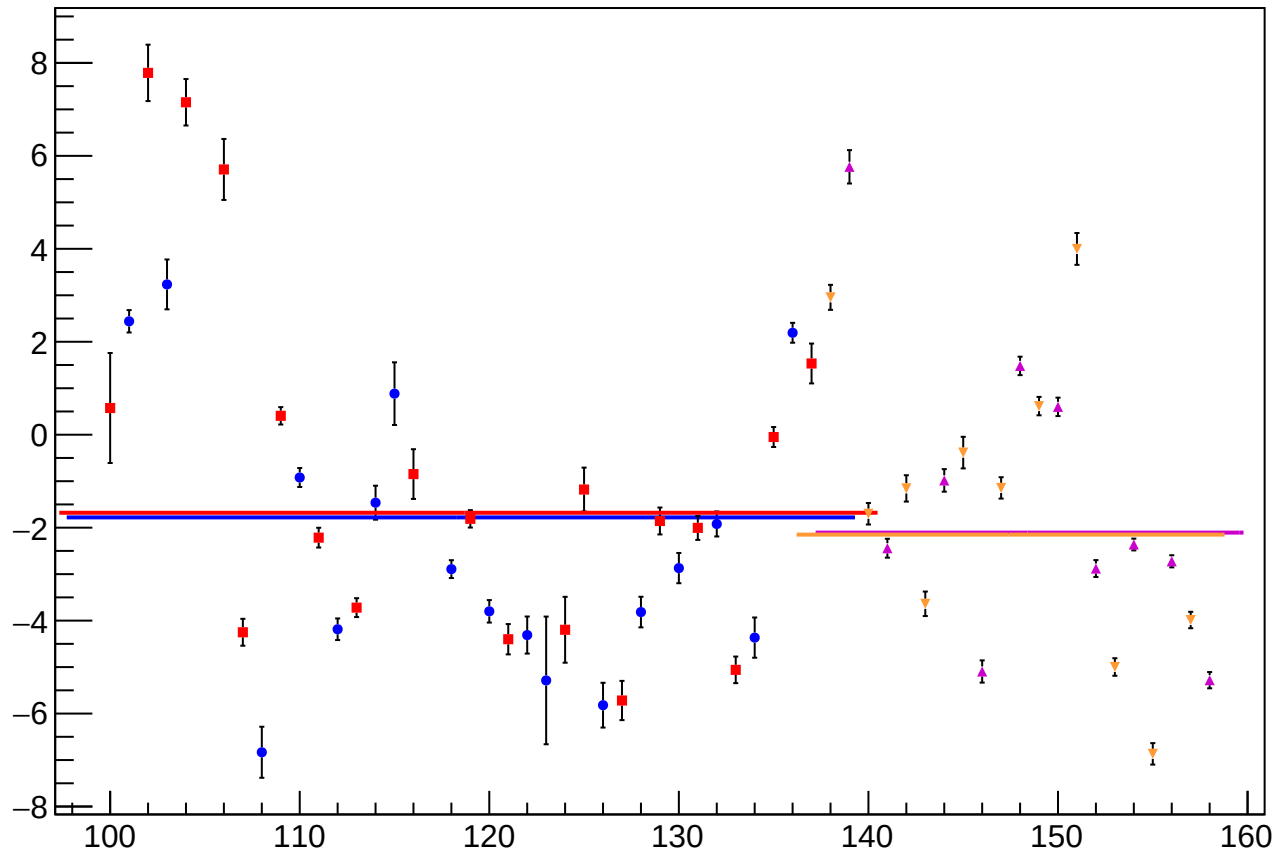
All: 1.349 ± 0.029 χ^2/NDF : 4605.0/56

- sign 1.266 ± 0.038 χ^2/NDF : 2296.3/28

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -2.149 ± 0.071 χ^2/NDF : 1724.1/10

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

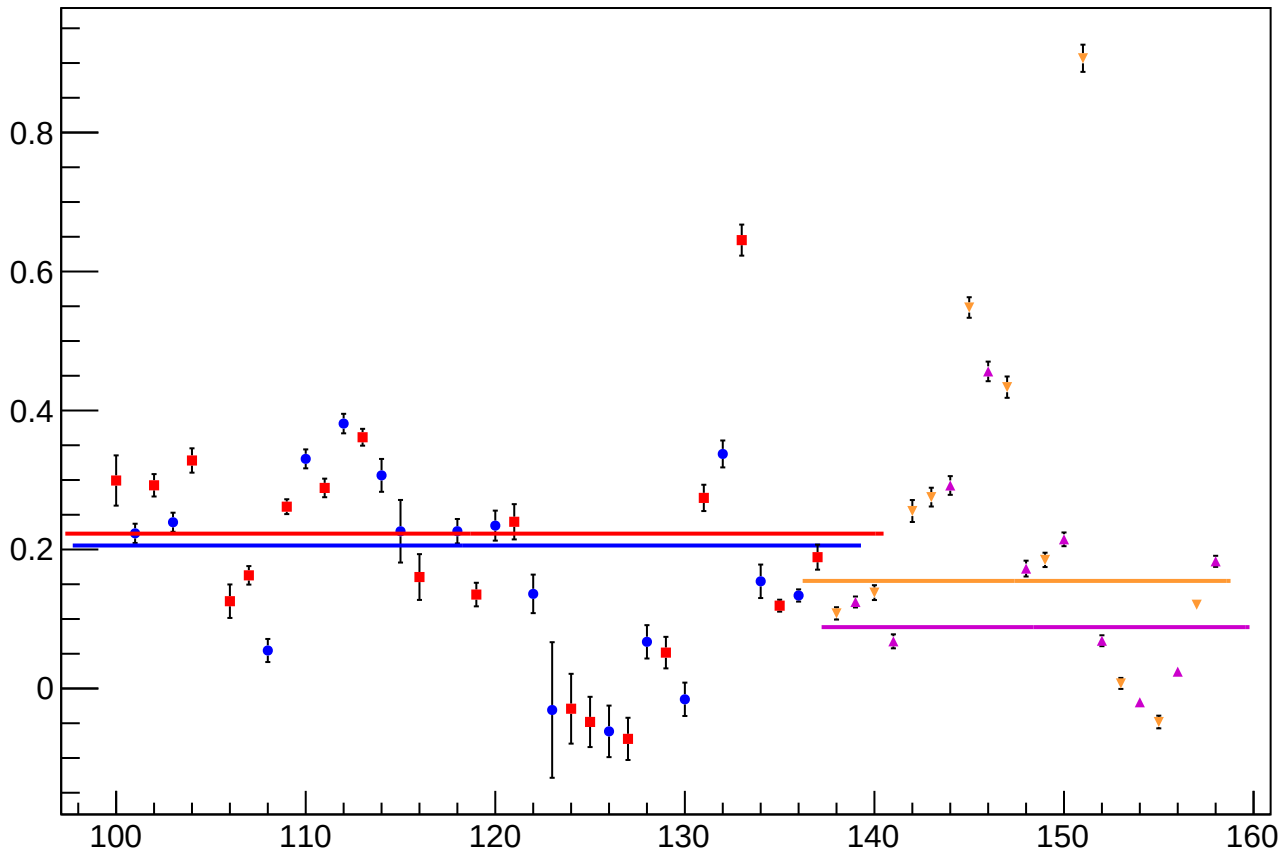
Left In: -2.106 ± 0.058 χ^2/NDF : 1547.8/9

+ sign -1.968 ± 0.051 χ^2/NDF : 3009.6/27

All: -1.945 ± 0.033 χ^2/NDF : 6010.3/56

- sign -1.928 ± 0.044 χ^2/NDF : 3000.3/28

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.155 ± 0.003 χ^2/NDF : 3538.4/10

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.088 ± 0.002 χ^2/NDF : 1889.3/9

+ sign 0.173 ± 0.003 χ^2/NDF : 4283.2/27

All: 0.146 ± 0.002 χ^2/NDF : 8267.9/56

- sign 0.128 ± 0.002 χ^2/NDF : 3798.6/28