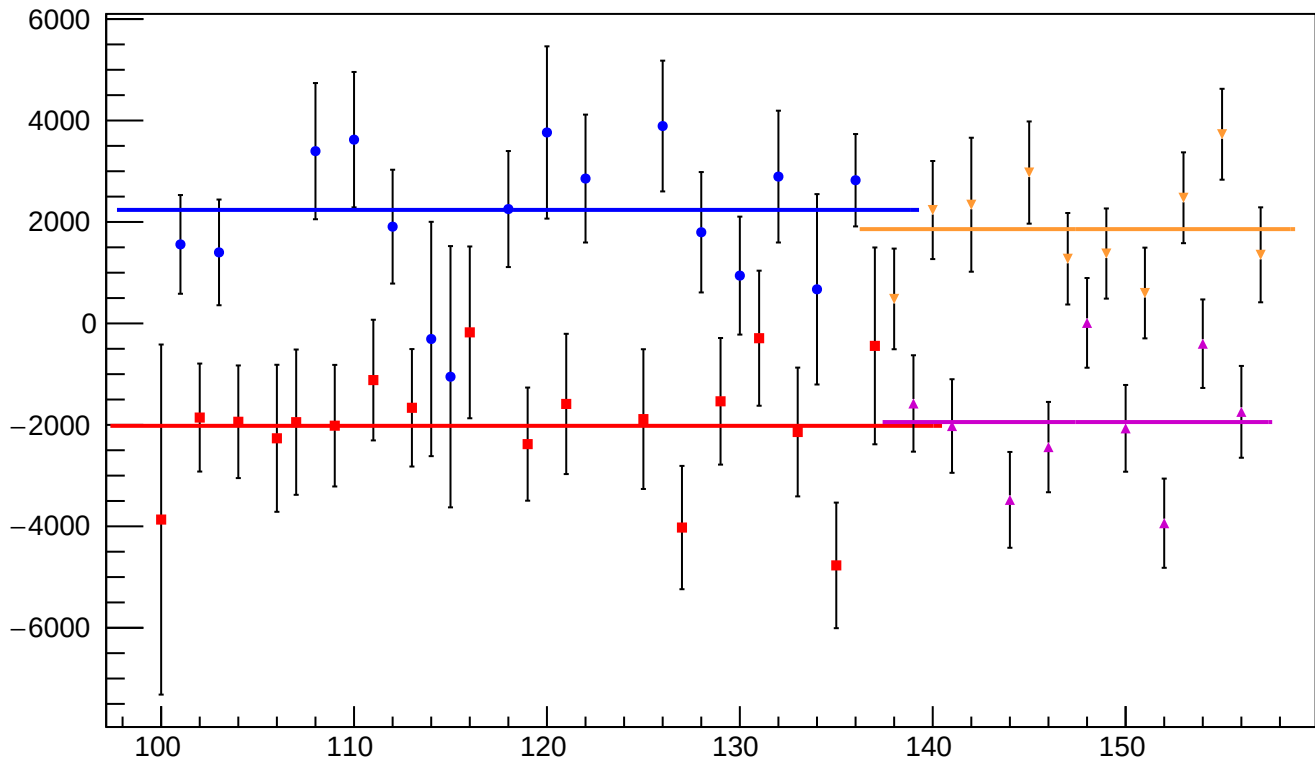


dit_asym_us_avg_mean vs Slug



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: -1944.229+/-299.647

χ^2/NDF : 16.3/8

+ sign 2040.200+/-217.563

All: 5.138+/-152.889

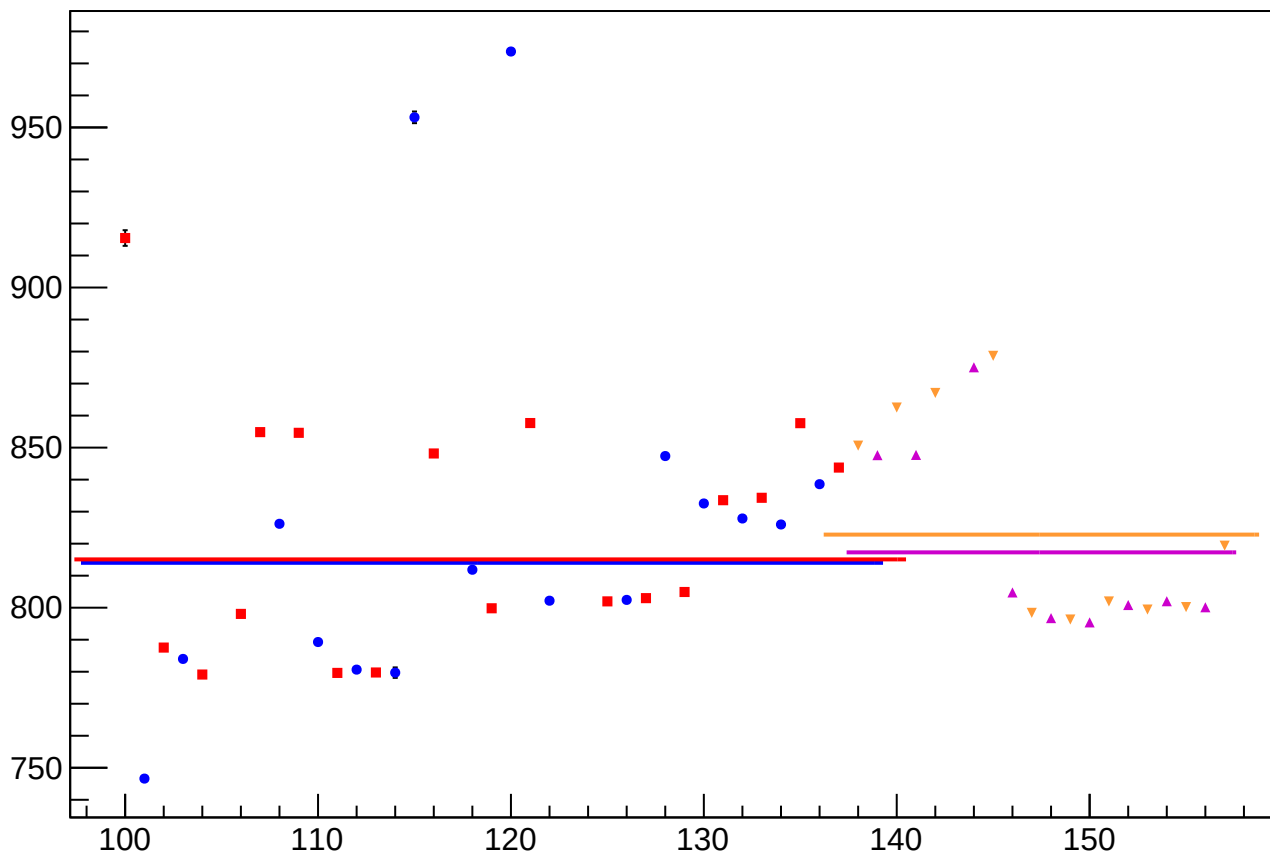
- sign -1980.361+/-214.897

χ^2/NDF : 23.3/25

χ^2/NDF : 225.1/52

χ^2/NDF : 28.9/26

dit_asym_us_avg_rms vs Slug



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

Left Out: 822.828 $\pm$ 0.213 χ^2 /NDF: 20342.1/9

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

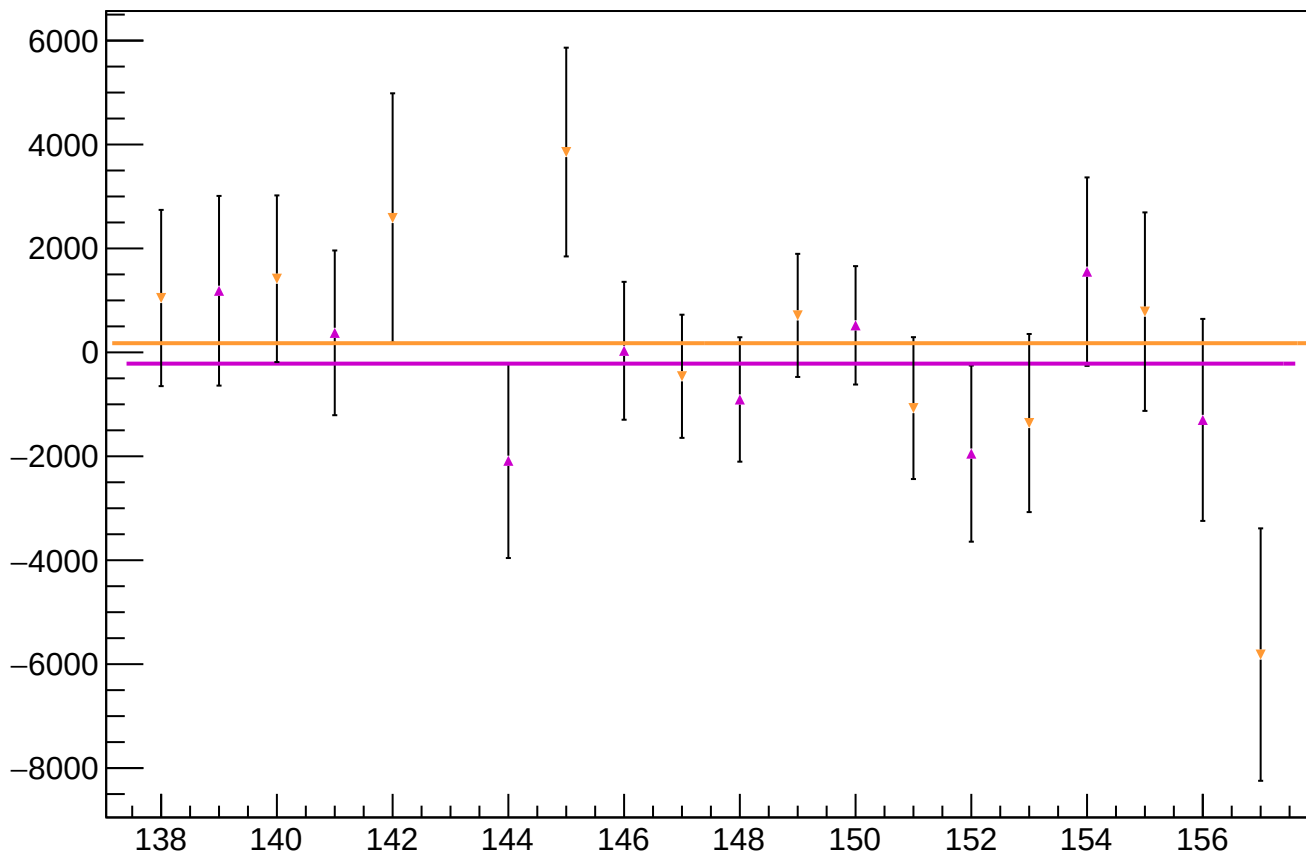
Left In: 817.279 $\pm$ 0.212 χ^2 /NDF: 16520.5/8

+ sign 818.617 $\pm$ 0.154 χ^2 /NDF: 63201.4/25

All: 817.400 $\pm$ 0.108 χ^2 /NDF: 99856.9/52

- sign 816.213 $\pm$ 0.152 χ^2 /NDF: 36531.9/26

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

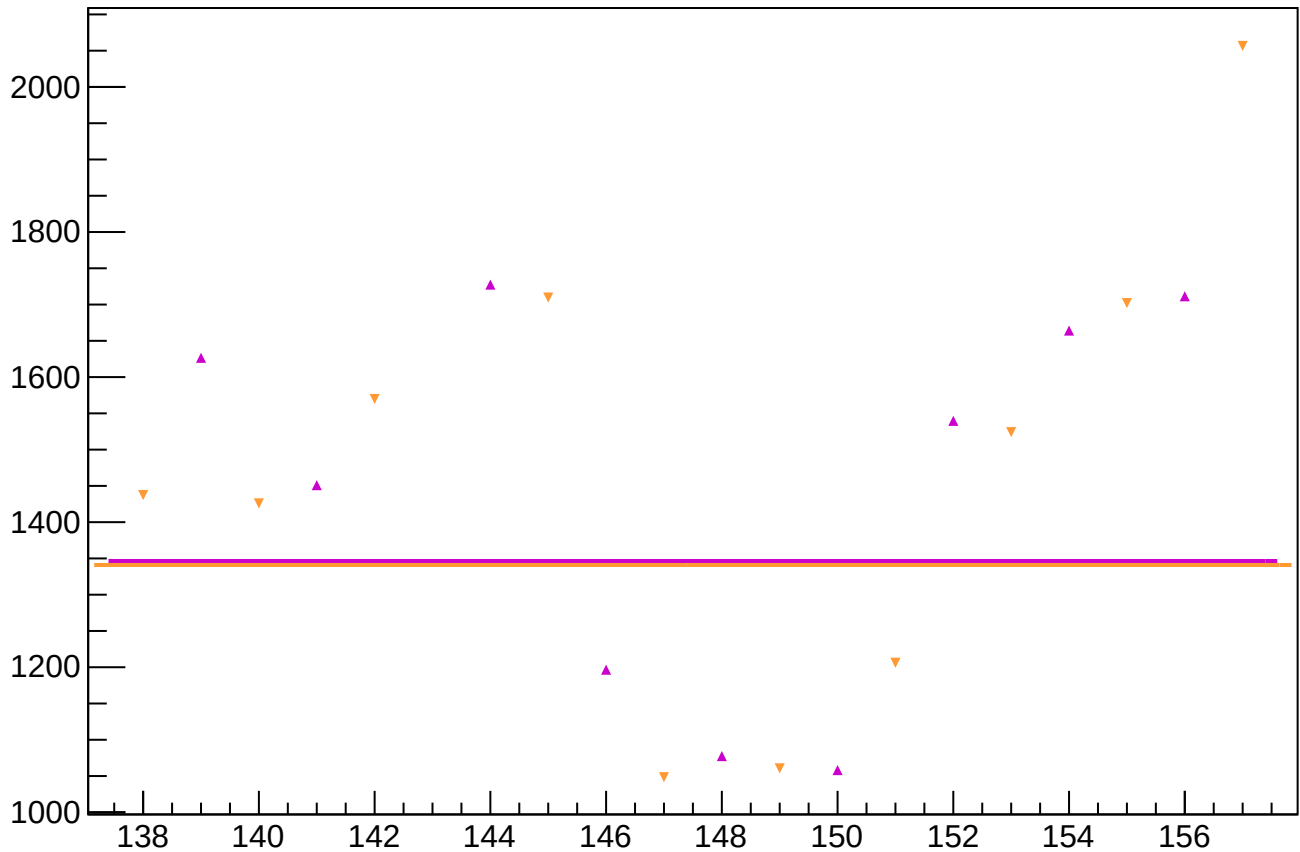
Left In: -216.766+/-504.019 χ^2/NDF :4.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.953+/-357.149 χ^2/NDF : 18.7/18

- 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

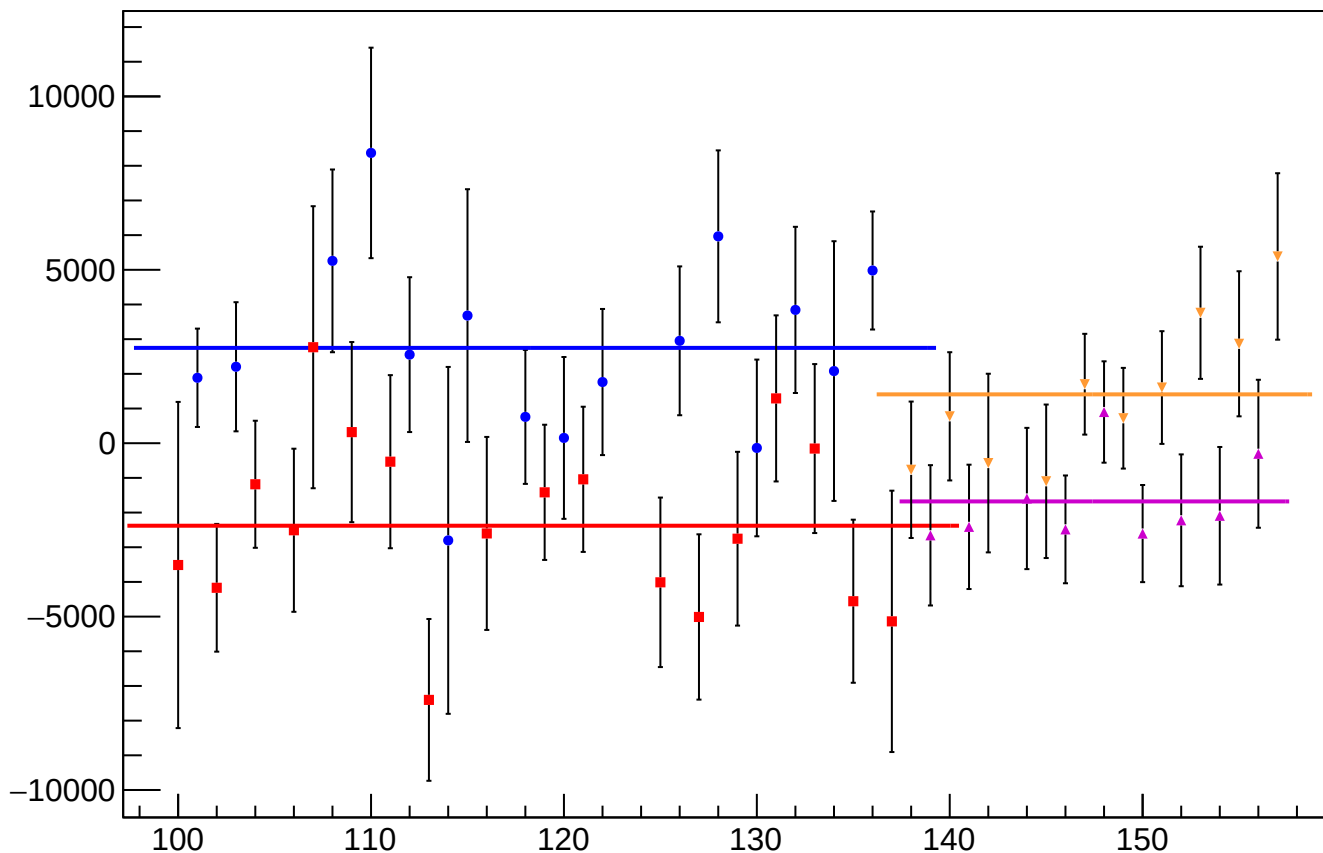
Left In: 1346.475+/-0.356 χ^2/NDF : 551071.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.727+/-0.253 χ^2/NDF : 1170119.2/18

- 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

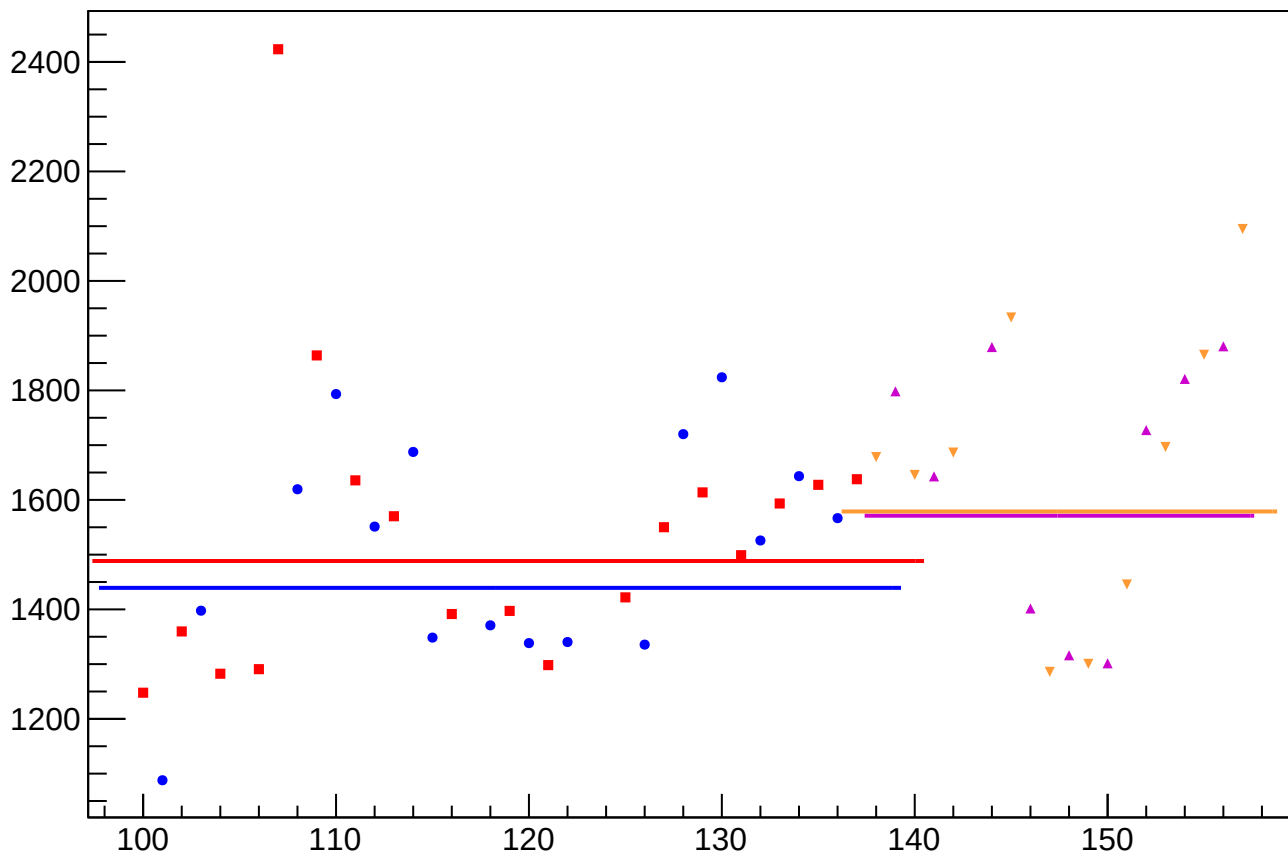
Left In: -1678.660 $\pm$ 583.321 χ^2 /NDF: 4.8/8

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

All: 40.453 $\pm$ 287.556 χ^2 /NDF: 98.1/52

- sign -2037.783 $\pm$ 407.300 χ^2 /NDF: 21.7/26

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

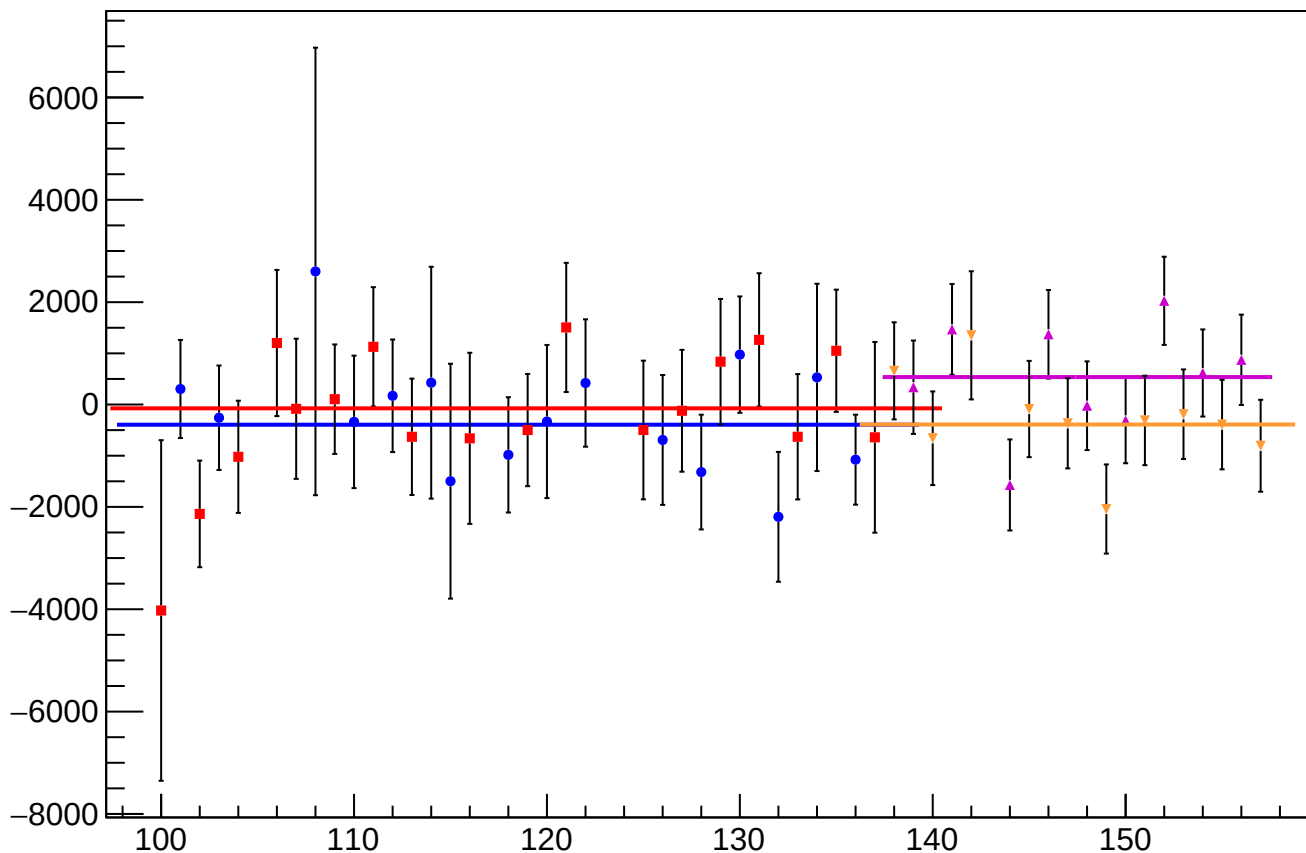
Left In: 1571.139 $\pm$ 0.412 χ^2 /NDF: 320292.5/8

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

All: 1517.465 $\pm$ 0.203 χ^2 /NDF: 1305370.1/52

- sign 1528.731 $\pm$ 0.288 χ^2 /NDF: 597245.3/26

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

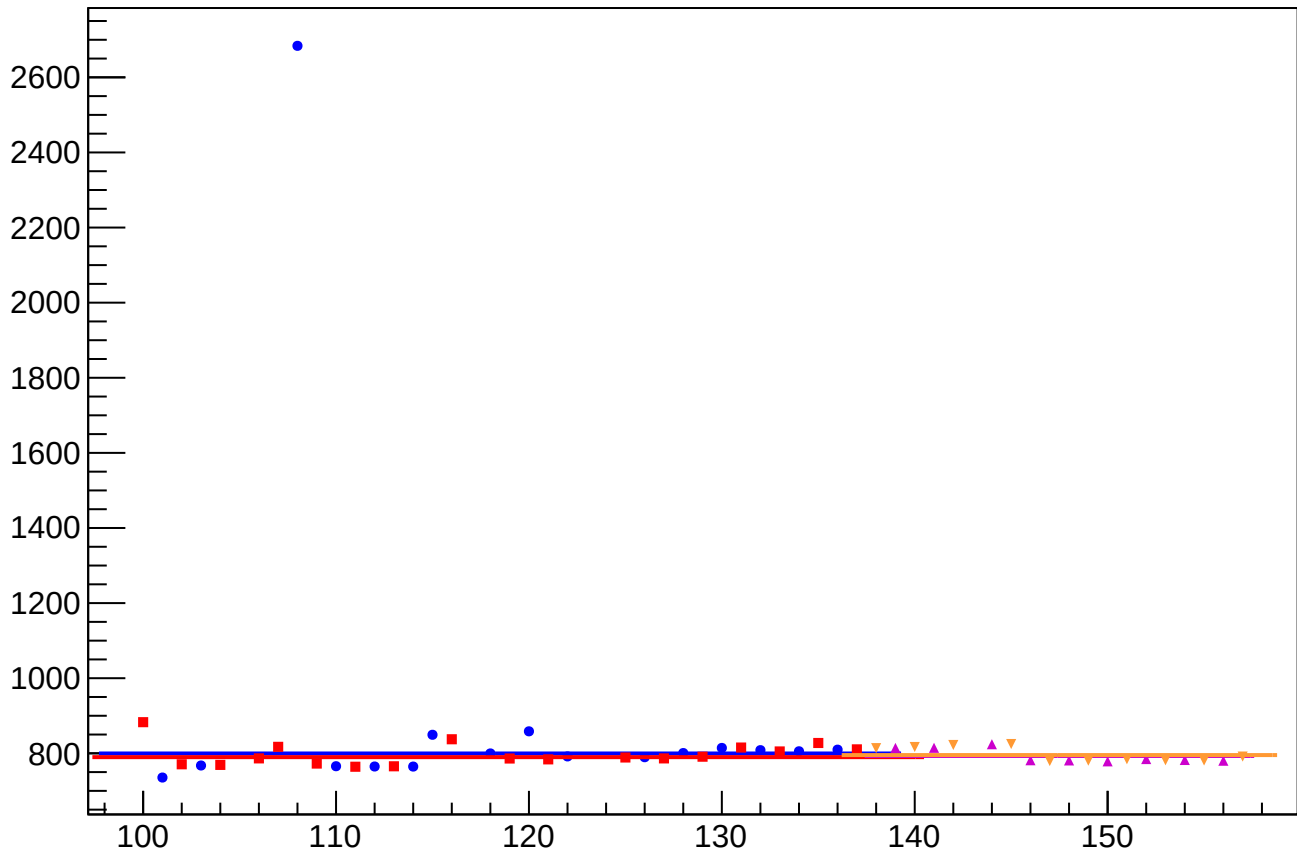
Left In: 536.565+/-290.581 χ^2/NDF : 12.3/8

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

All: -69.296+/-148.884 χ^2/NDF : 46.5/52

- sign 239.244+/-208.181 χ^2/NDF : 27.4/26

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

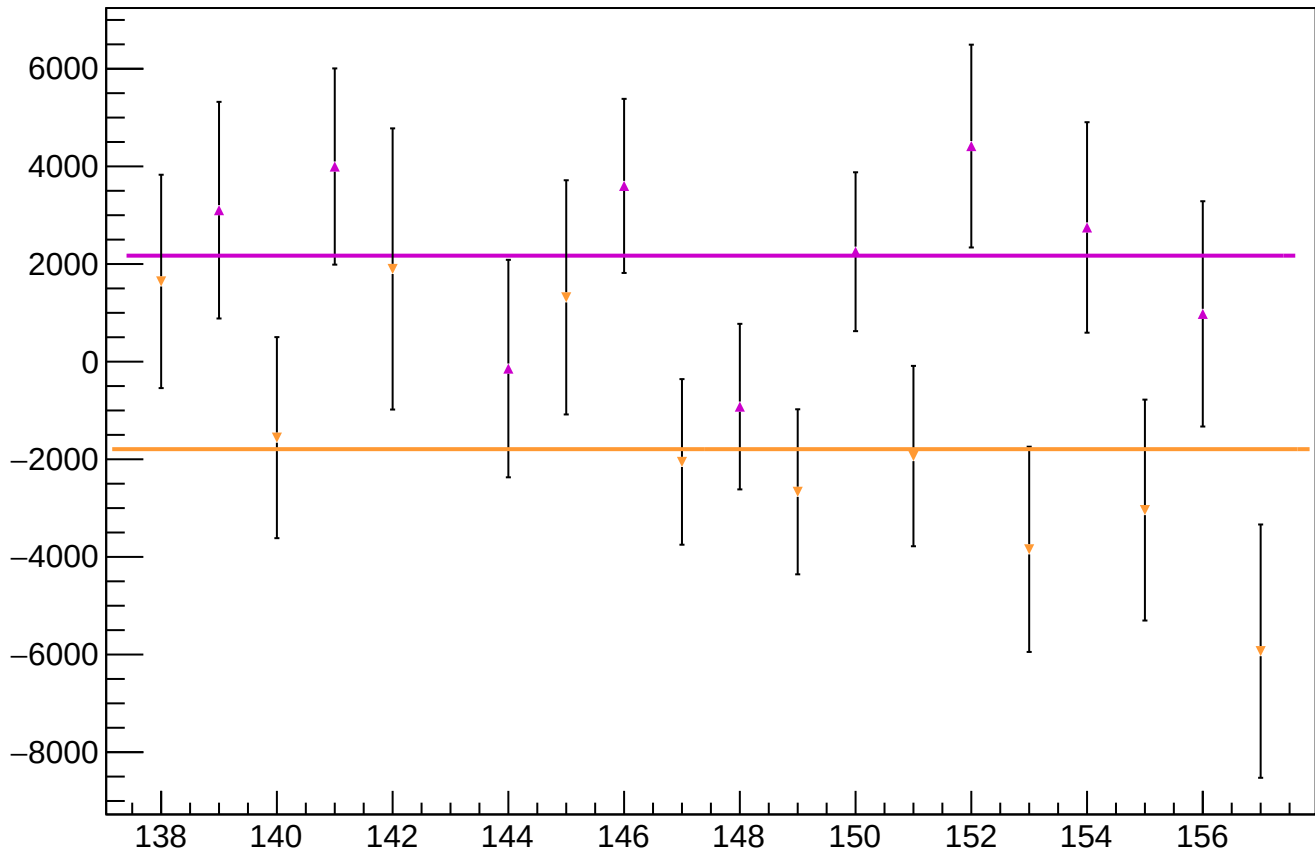
Left In: 792.918 $\pm$ 0.205 χ^2 /NDF: 6993.0/8

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

All: 794.264 $\pm$ 0.105 χ^2 /NDF: 417825.5/52

- sign 791.398 $\pm$ 0.147 χ^2 /NDF: 18280.5/26

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

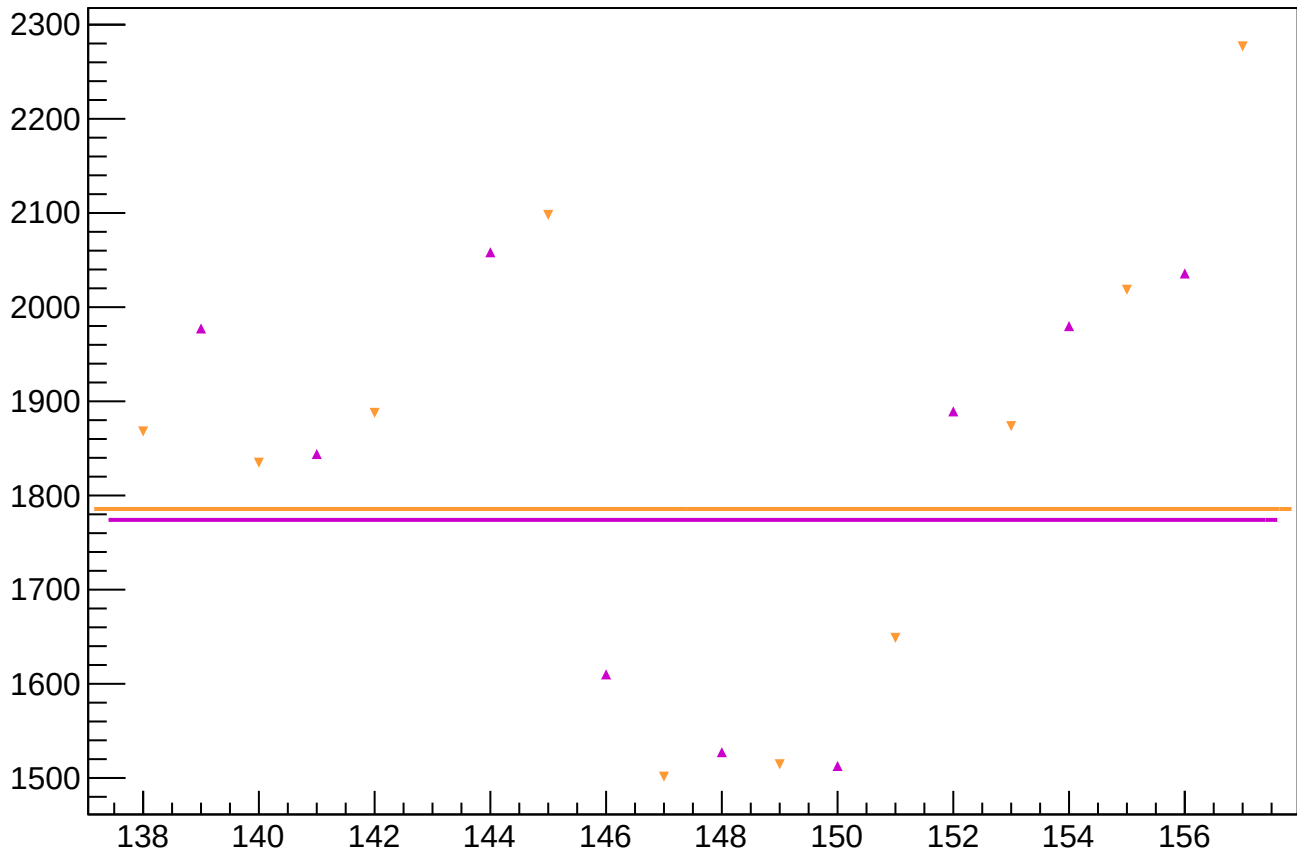
Left In: 2171.375+/-655.596 χ^2/NDF : 7.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.787+/-464.905 χ^2/NDF : 35.6/18

- 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

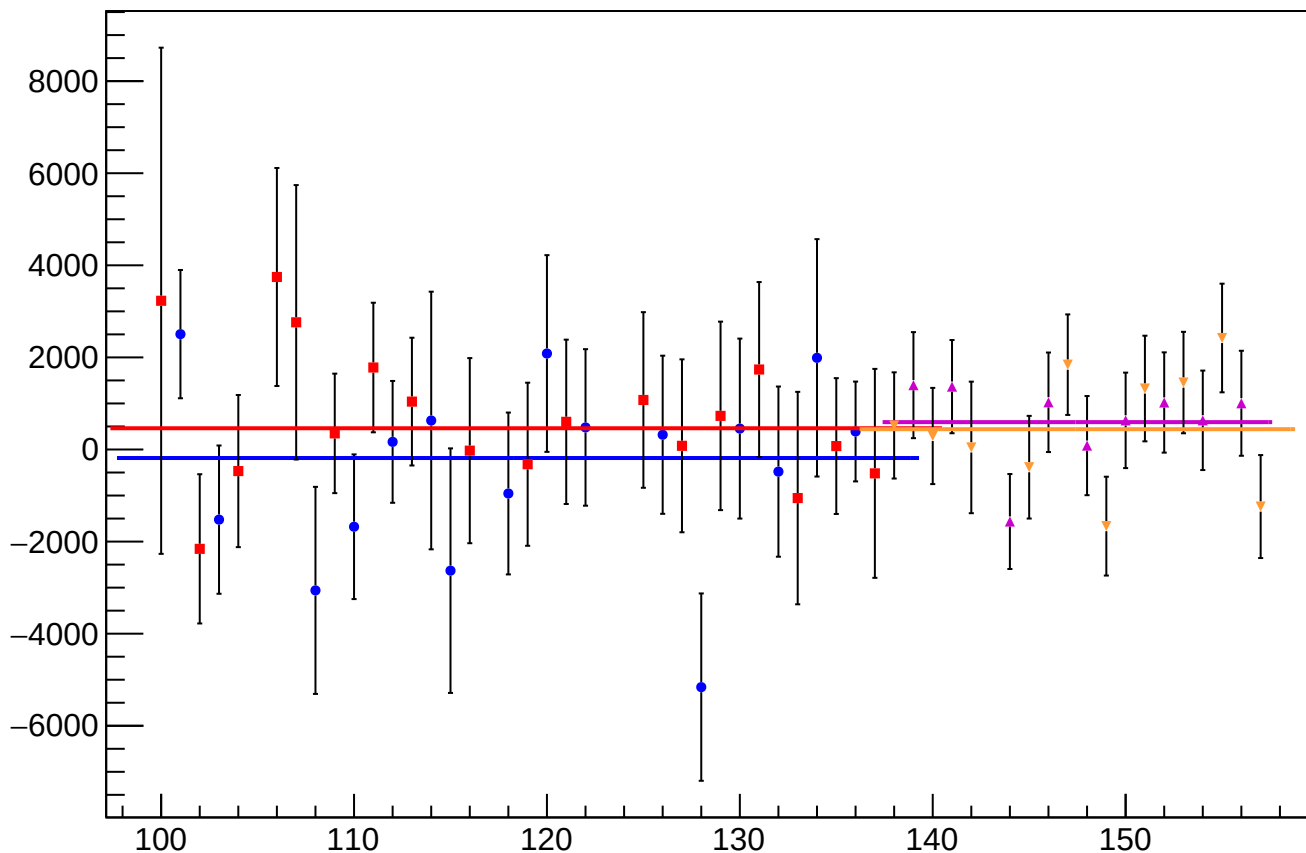
Left In: 1774.084+/-0.464 χ^2/NDF : 212695.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1779.835+/-0.329 χ^2/NDF : 468333.1/18

- 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

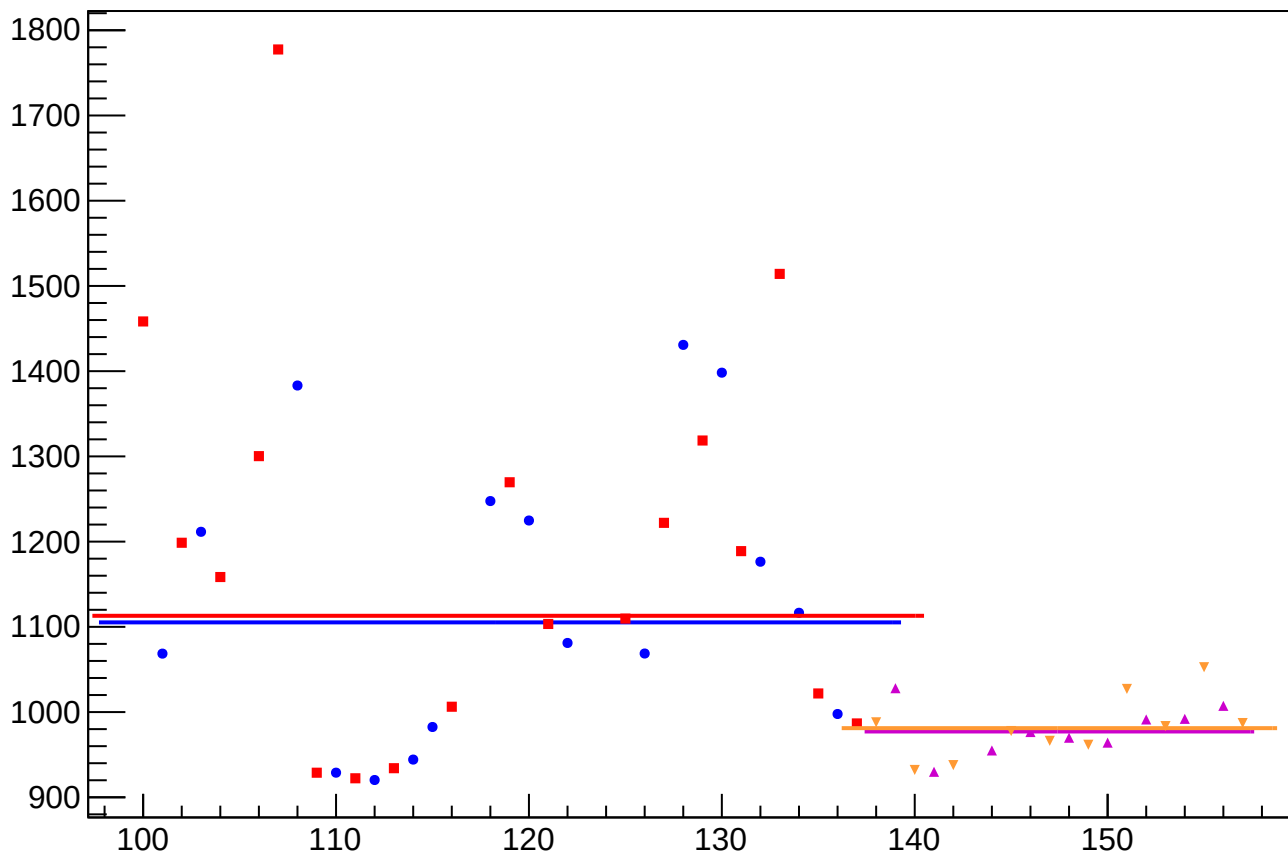
Left In: 594.454 ± 358.287 χ^2/NDF : 6.1/8

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

All: 363.188 ± 194.549 χ^2/NDF : 45.9/52

- sign 539.408 ± 274.445 χ^2/NDF : 14.5/26

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

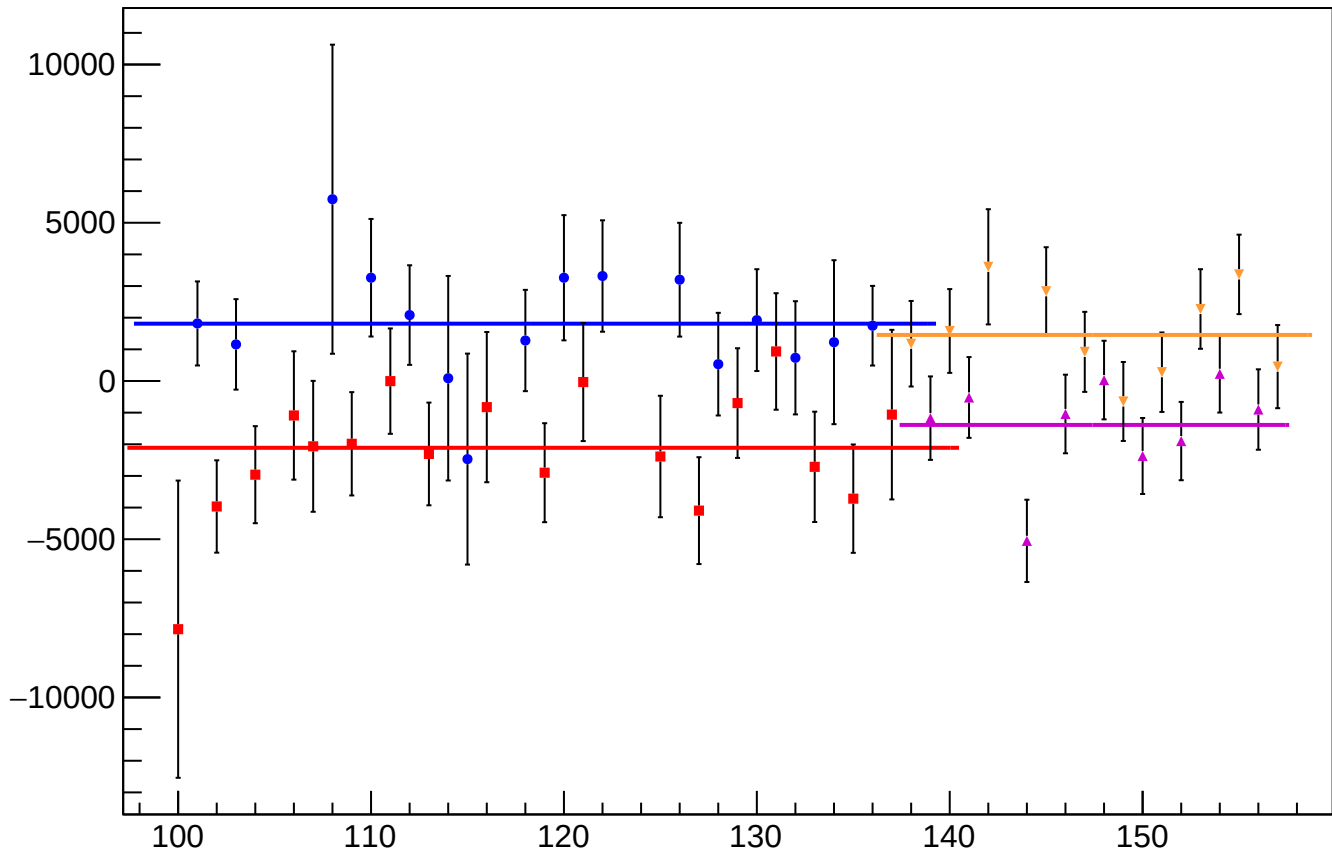
Left In: 977.226+/-0.253 χ^2/NDF :11704.4/8

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

All: 1032.590+/-0.138 χ^2/NDF : 864574.5/52

- sign 1033.325+/-0.194 χ^2/NDF : 493345.0/26

dit_asym_usl_mean vs Slug



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

Left Out: 1455.330+/-419.428 χ^2/NDF : 9.7/9

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

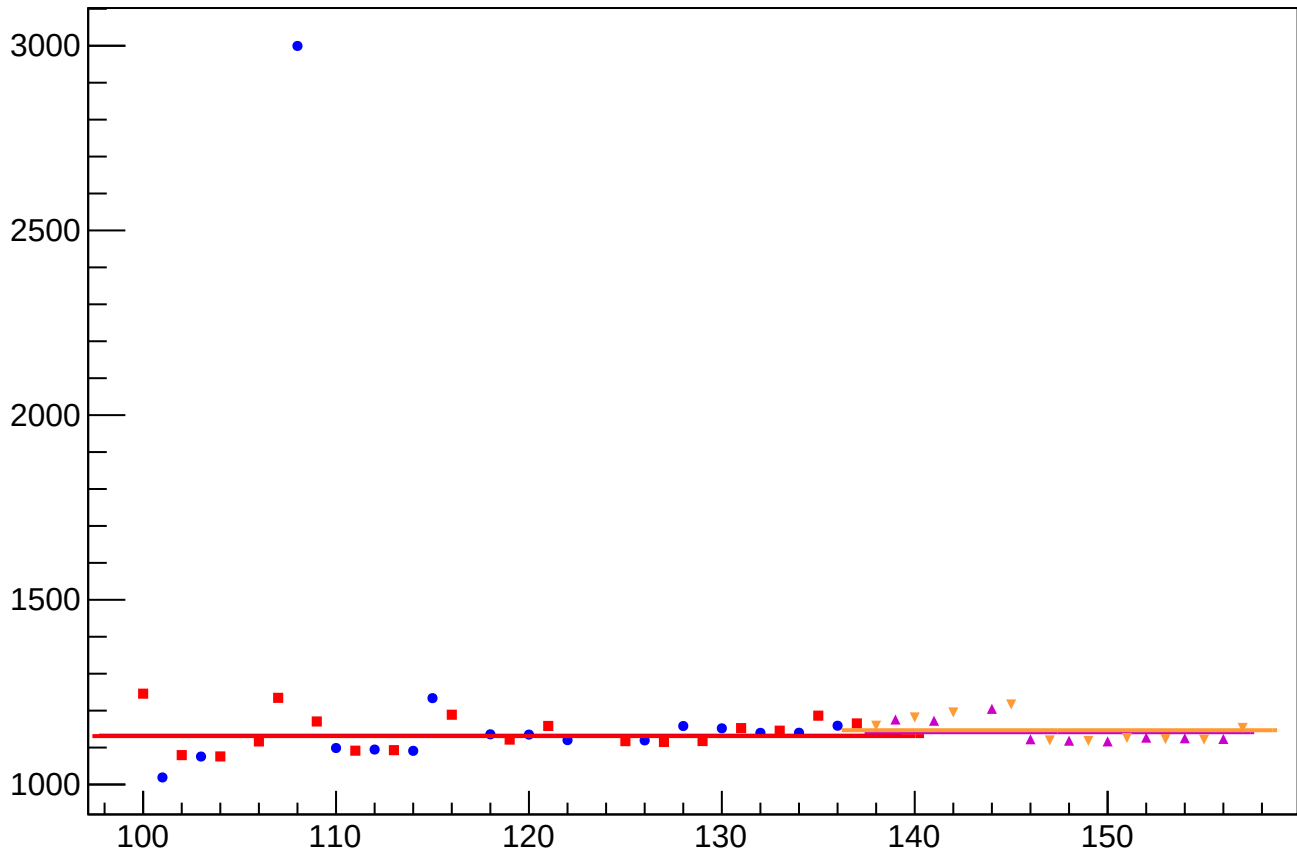
Left In: -1388.603+/-418.437 χ^2/NDF : 12.5/8

+ sign 1623.821+/-304.294 χ^2/NDF : 16.5/25

All: -88.057+/-213.305 χ^2/NDF : 105.7/52

- sign -1741.916+/-299.093 χ^2/NDF : 27.0/26

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

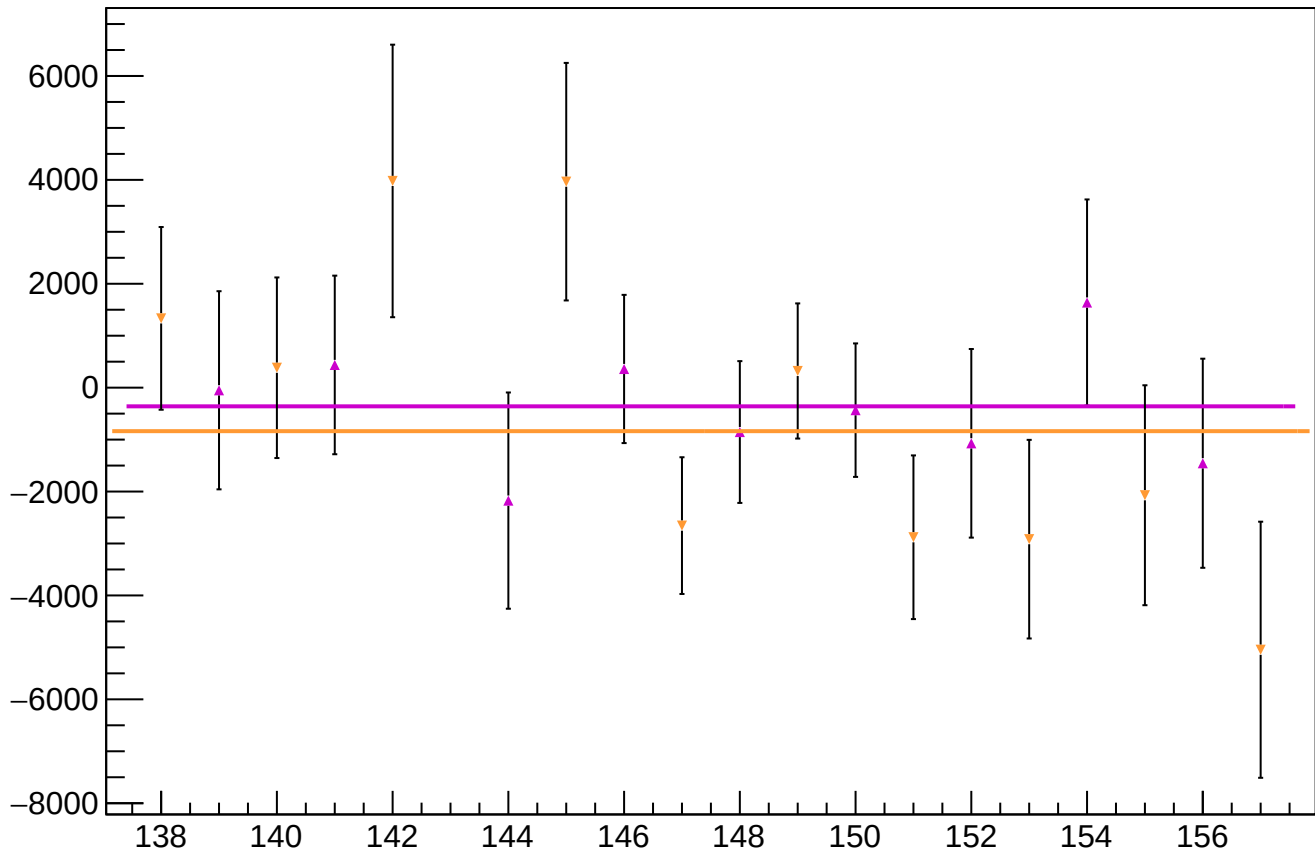
Left In: 1141.544 $\pm$ 0.296 χ^2 /NDF:10345.0/8

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

All: 1138.110 $\pm$ 0.151 χ^2 /NDF: 360163.3/52

- sign 1136.395 $\pm$ 0.211 χ^2 /NDF: 30683.3/26

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

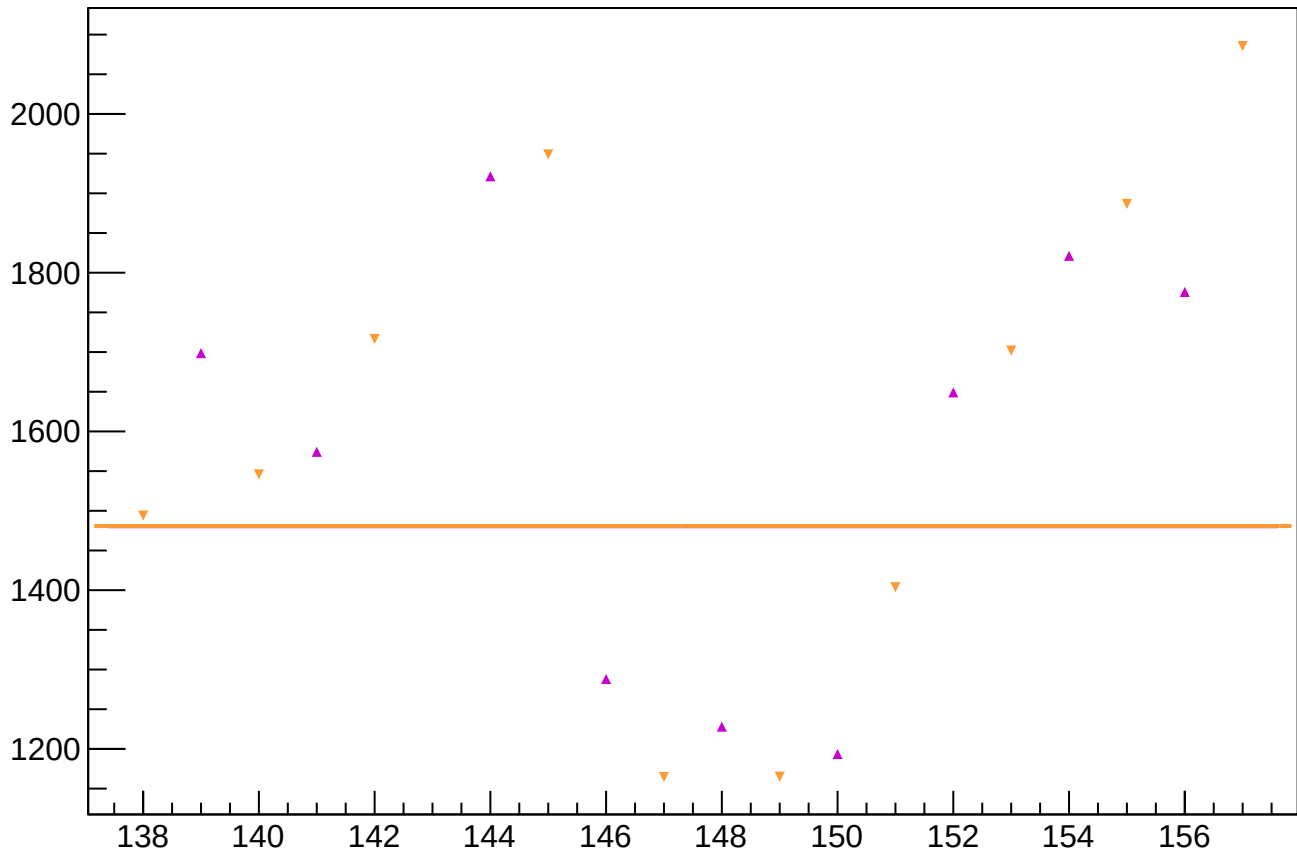
Left In: -359.628+/-551.970 χ^2/NDF :2.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -596.452+/-392.065 χ^2/NDF : 21.8/18

- 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

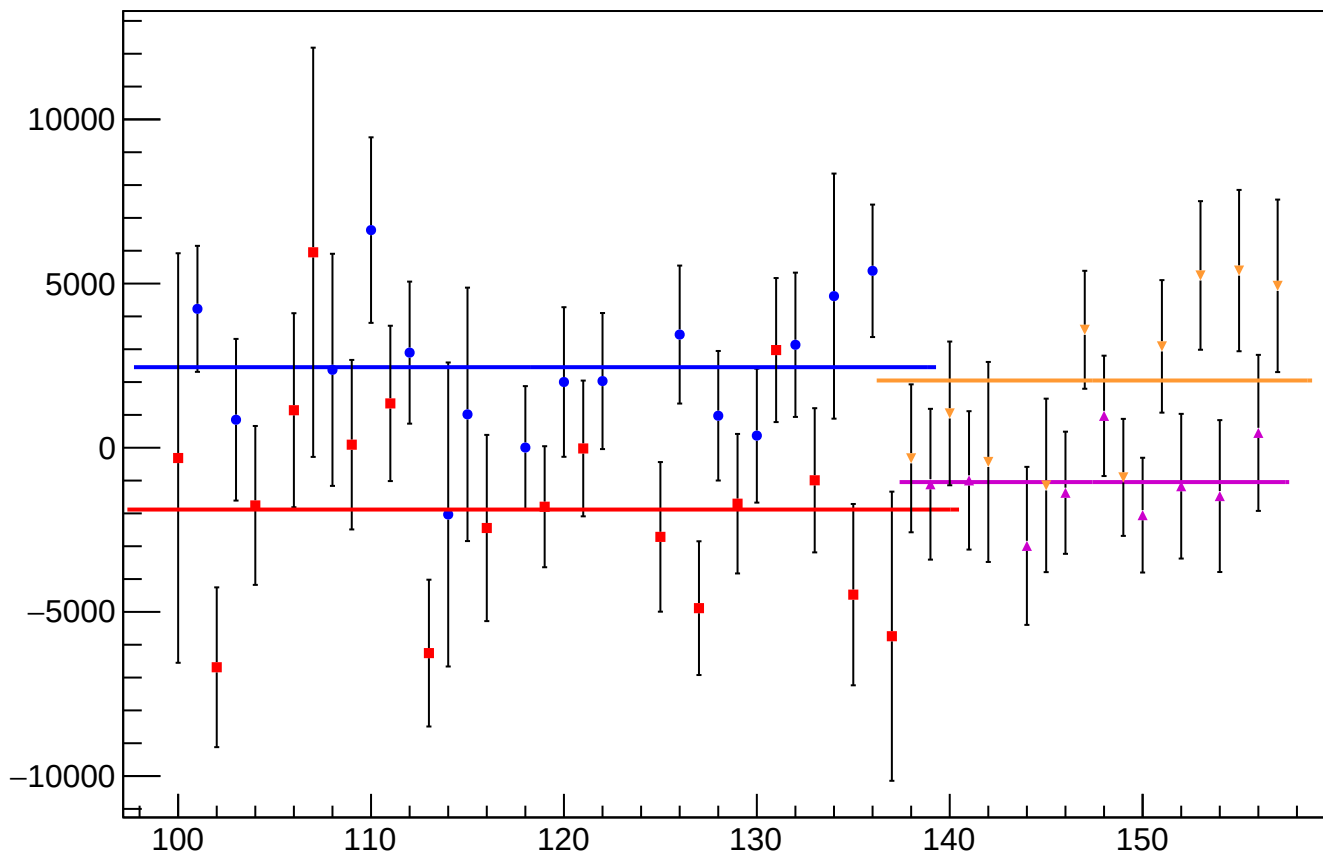
Left In: 1480.604+/-0.390 χ^2/NDF : 445725.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.696+/-0.277 χ^2/NDF : 1007468.6/18

- 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

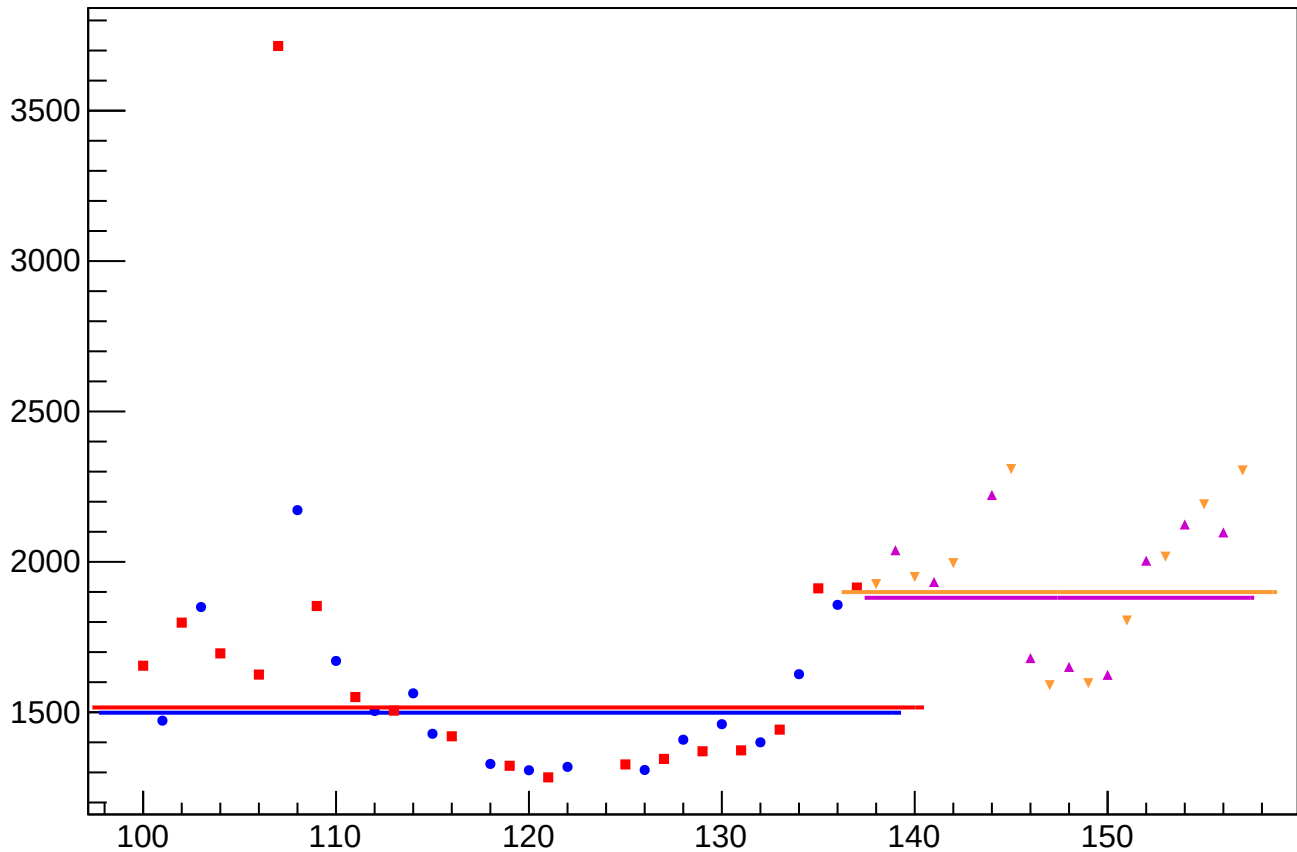
Left In: -1045.997 $\pm$ 694.809 χ^2 /NDF:2.7/8

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

All: 365.763 $\pm$ 316.645 χ^2 /NDF: 85.9/52

- sign -1536.905 $\pm$ 446.693 χ^2 /NDF: 26.3/26

asym_usl_rms vs Slug



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

Left Out: 1899.564+/-0.496 χ^2/NDF : 253929.1/9

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

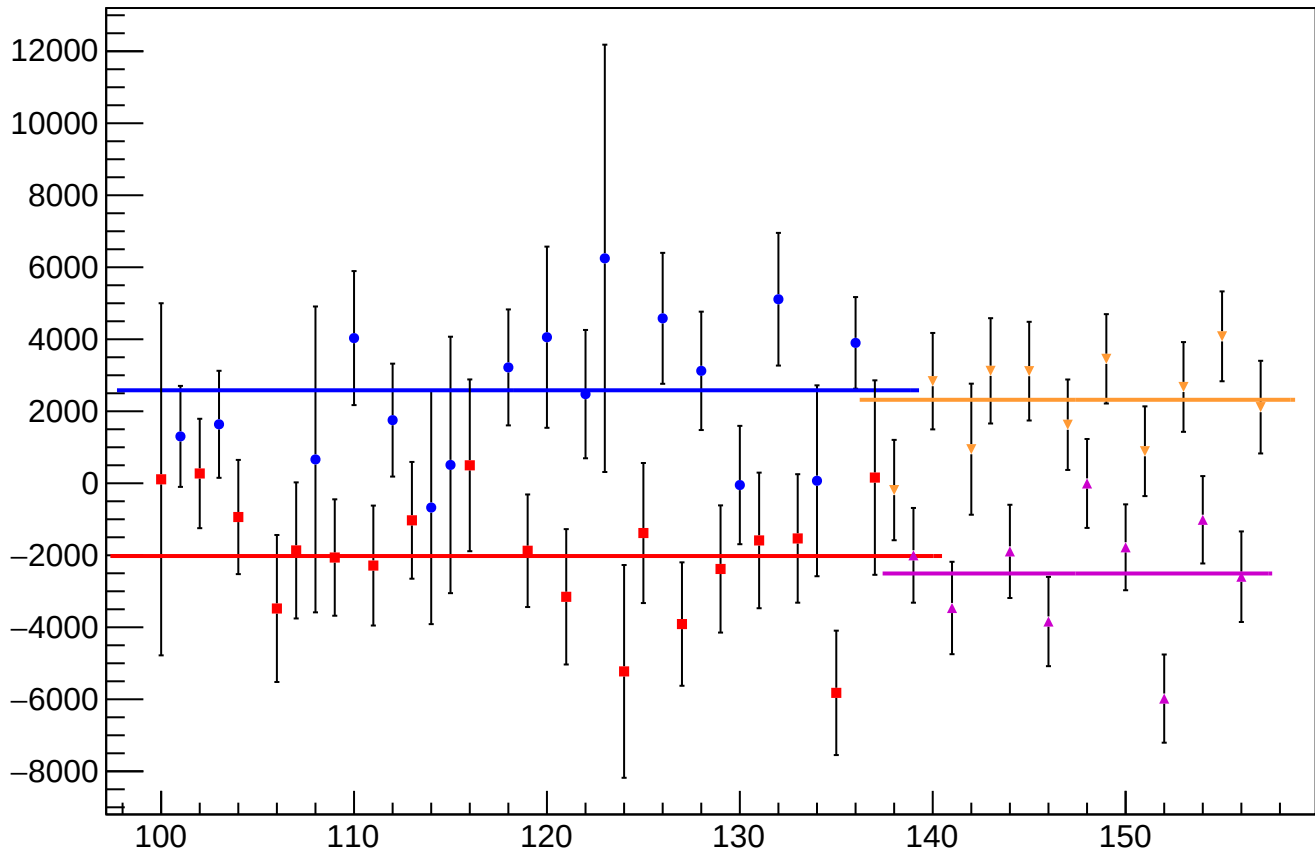
Left In: 1880.642+/-0.491 χ^2/NDF : 193927.5/8

+ sign 1662.814+/-0.317 χ^2/NDF : 898830.2/25

All: 1664.758+/-0.224 χ^2/NDF : 1896636.1/52

- sign 1666.684+/-0.316 χ^2/NDF : 997731.2/26

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

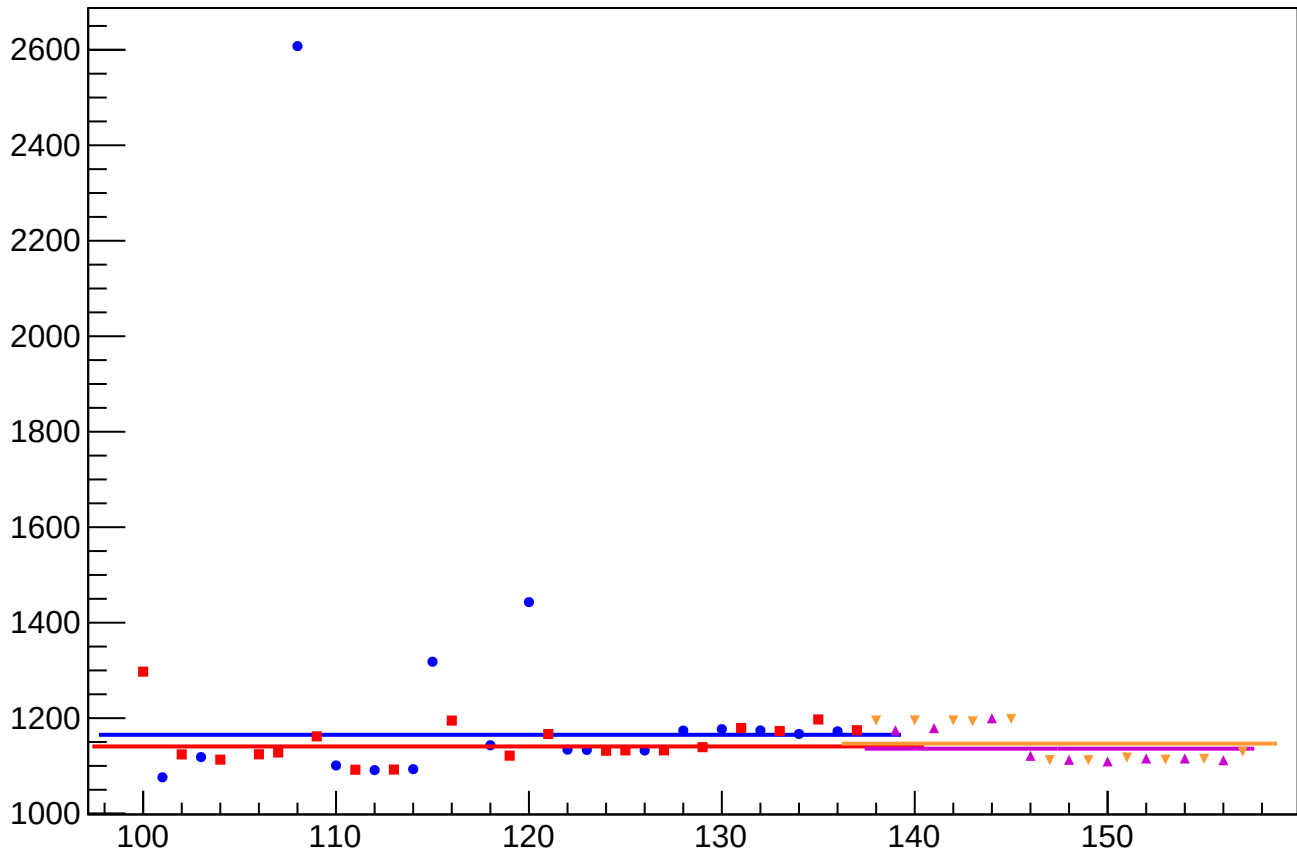
Left In: -2505.725 ± 416.430 χ^2/NDF : 16.1/8

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

All: 62.161 ± 211.683 χ^2/NDF : 175.4/55

- sign -2269.168 ± 298.044 χ^2/NDF : 30.3/27

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

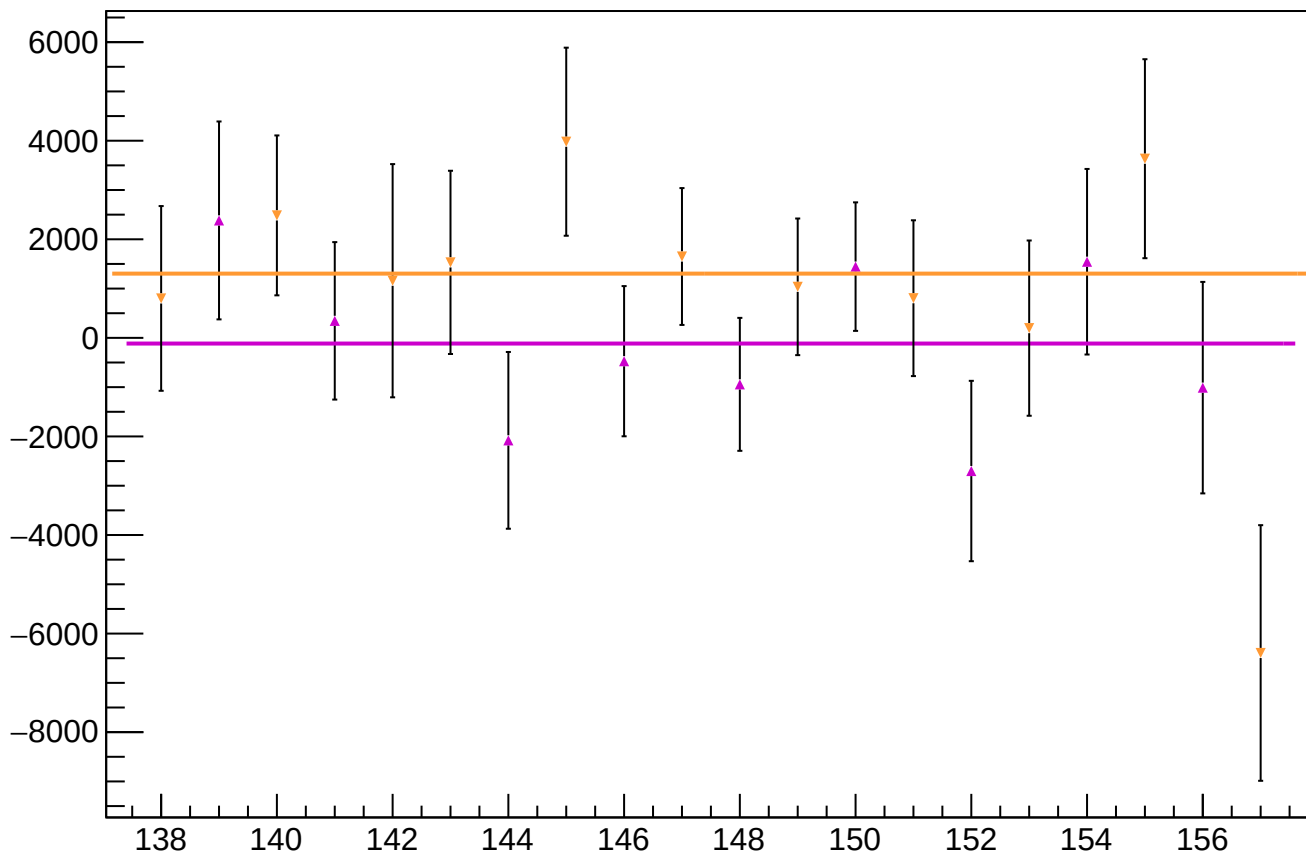
Left In: 1136.081 $\pm$ 0.294 χ^2 /NDF: 12671.7/8

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

All: 1146.522 $\pm$ 0.150 χ^2 /NDF: 327612.6/55

- sign 1138.359 $\pm$ 0.211 χ^2 /NDF: 25512.1/27

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

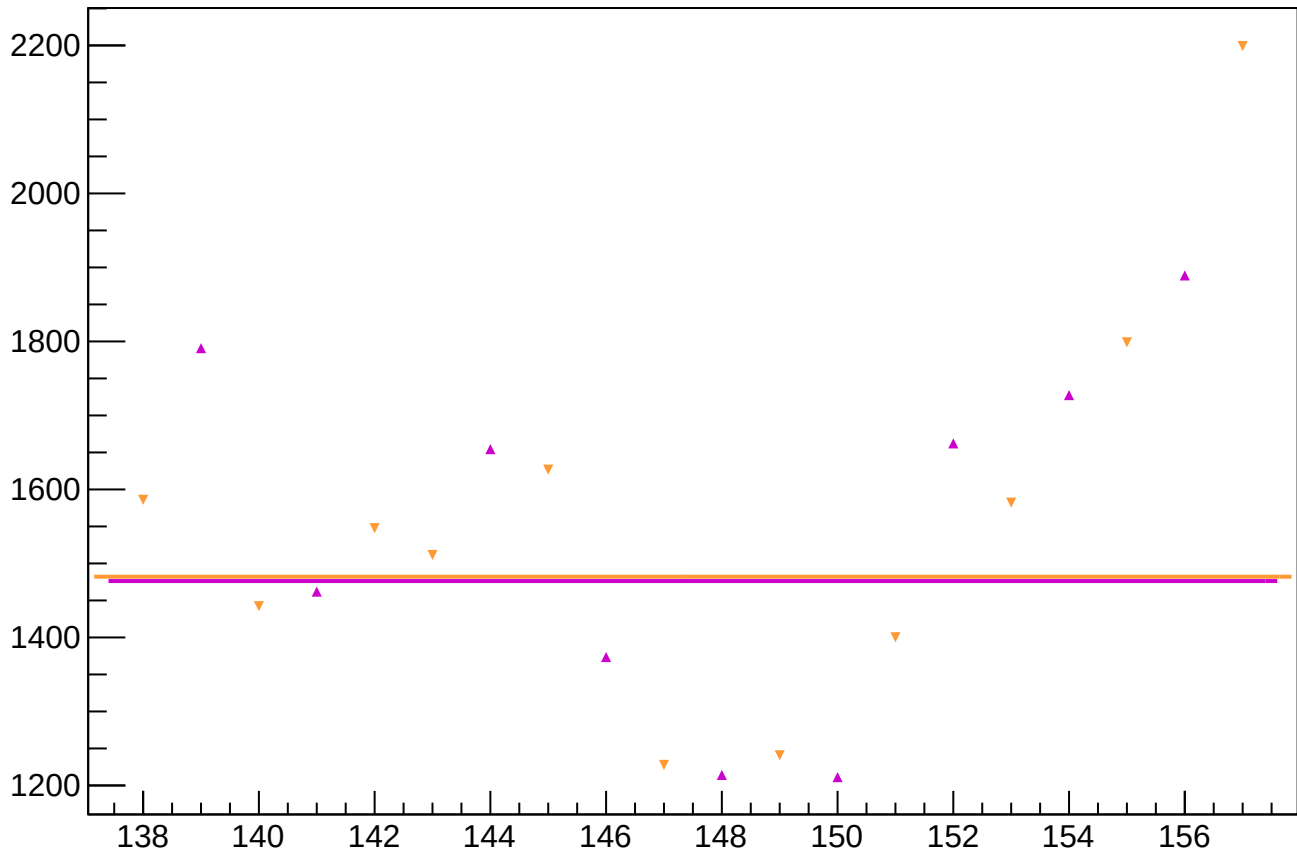
Left In: -115.362+/-549.019 χ^2/NDF :7.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.819+/-381.386 χ^2/NDF : 24.4/19

- 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

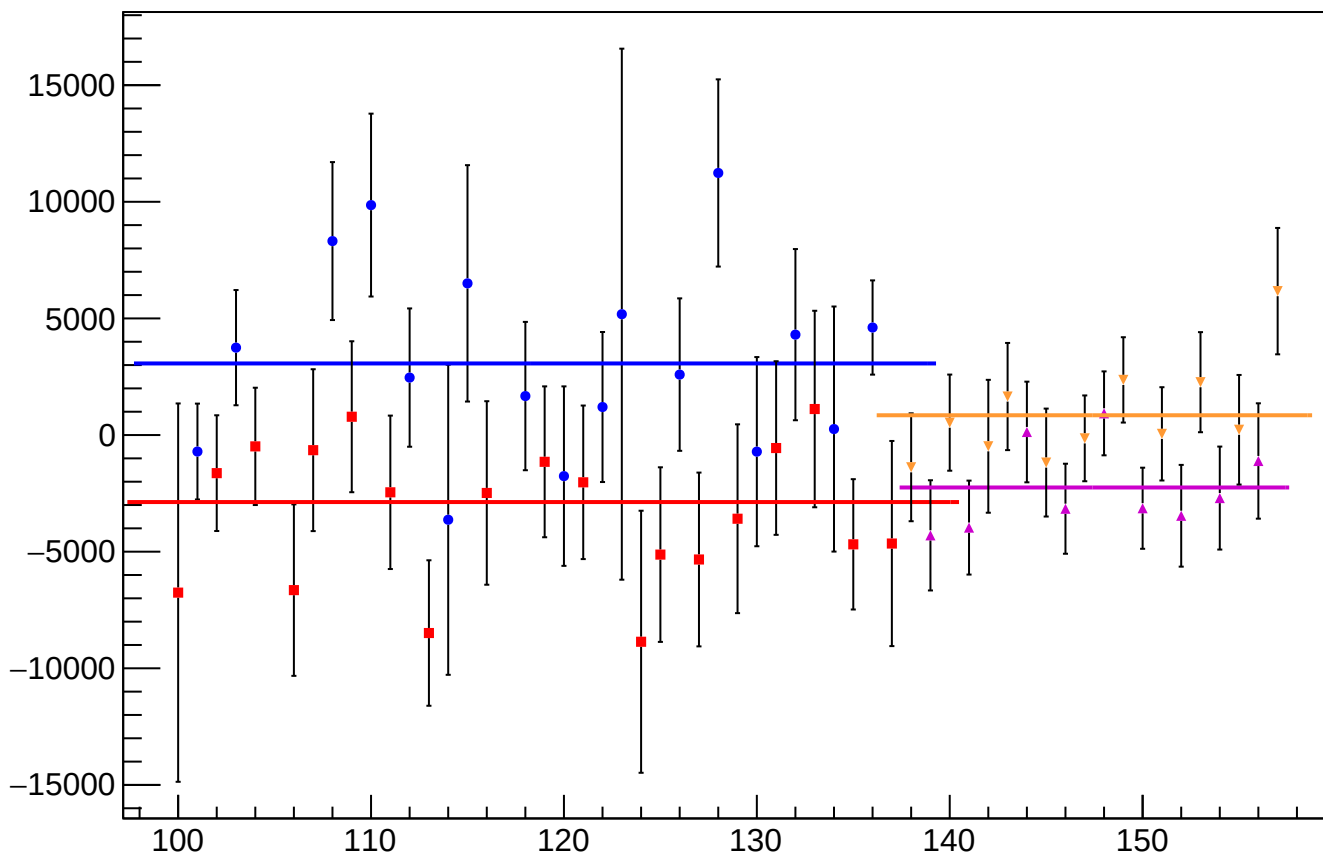
Left In: 1476.222+/-0.388 χ^2/NDF : 366584.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.271+/-0.270 χ^2/NDF : 729164.5/19

- 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

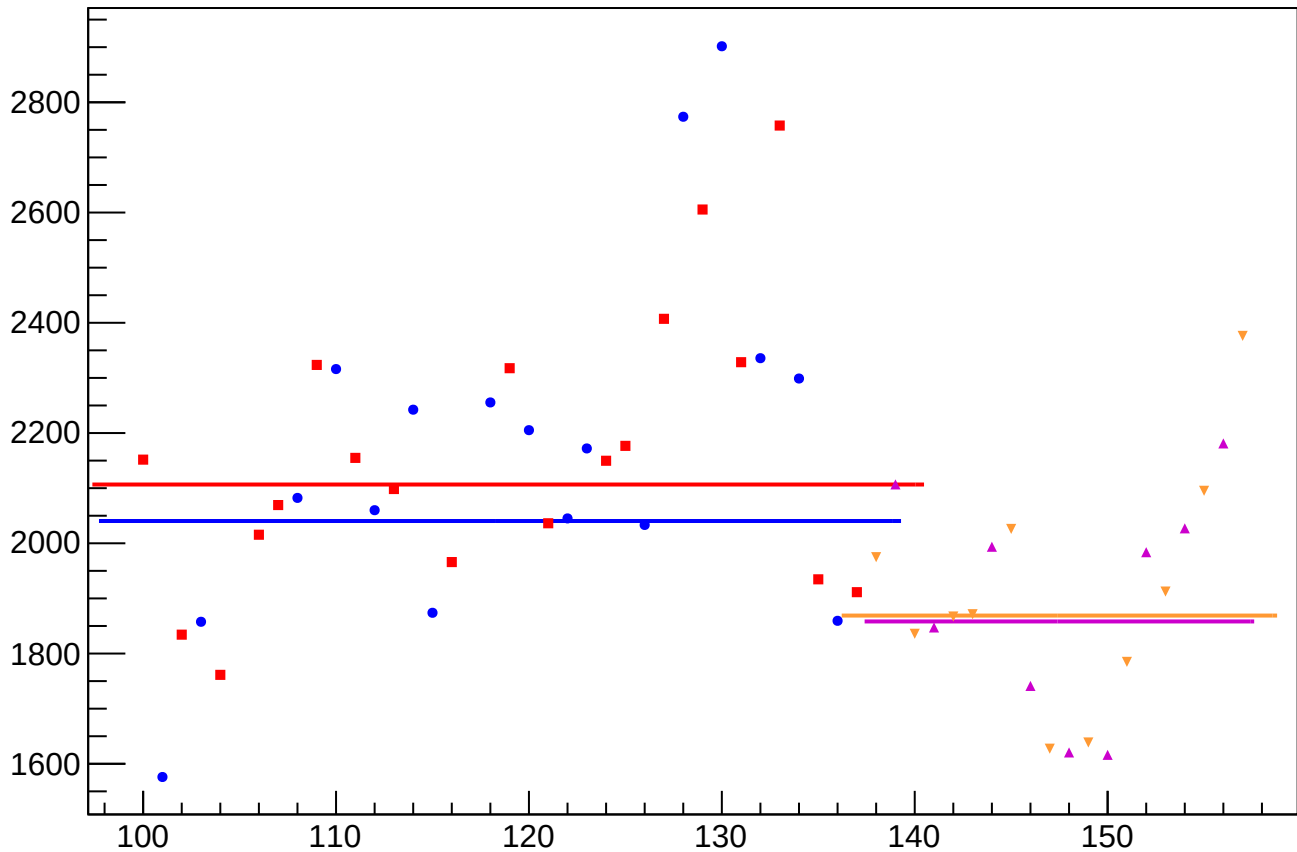
Left In: -2248.213 $\pm$ 685.563 χ^2 /NDF: 6.9/8

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

All: -336.268 $\pm$ 363.188 χ^2 /NDF: 83.9/55

- sign -2514.376 $\pm$ 519.280 χ^2 /NDF: 18.8/27

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

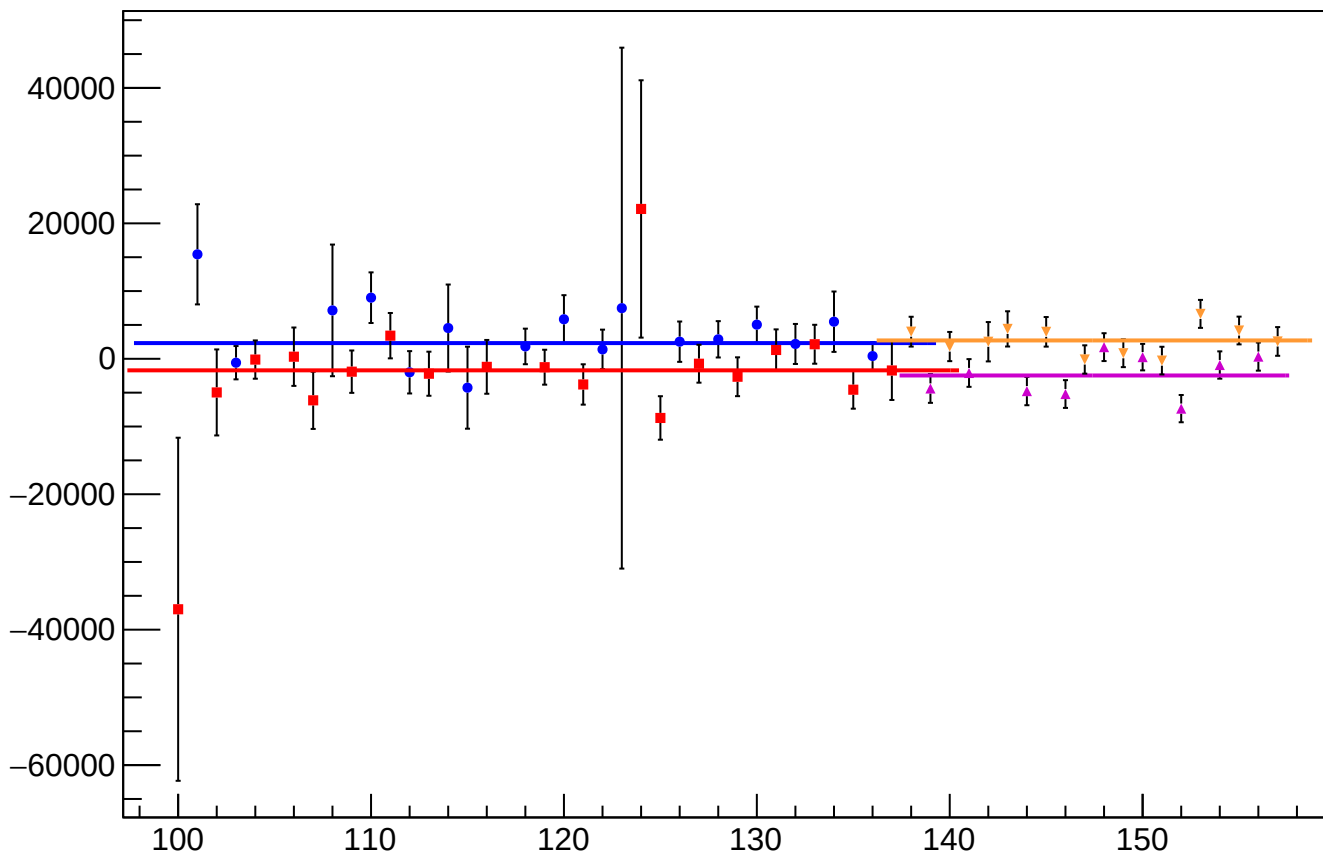
Left In: 1858.214+/-0.485 χ^2 /NDF:163513.3/8

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

All: 1951.025+/-0.257 χ^2 /NDF: 1032810.8/55

- sign 1964.103+/-0.367 χ^2 /NDF: 470860.8/27

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

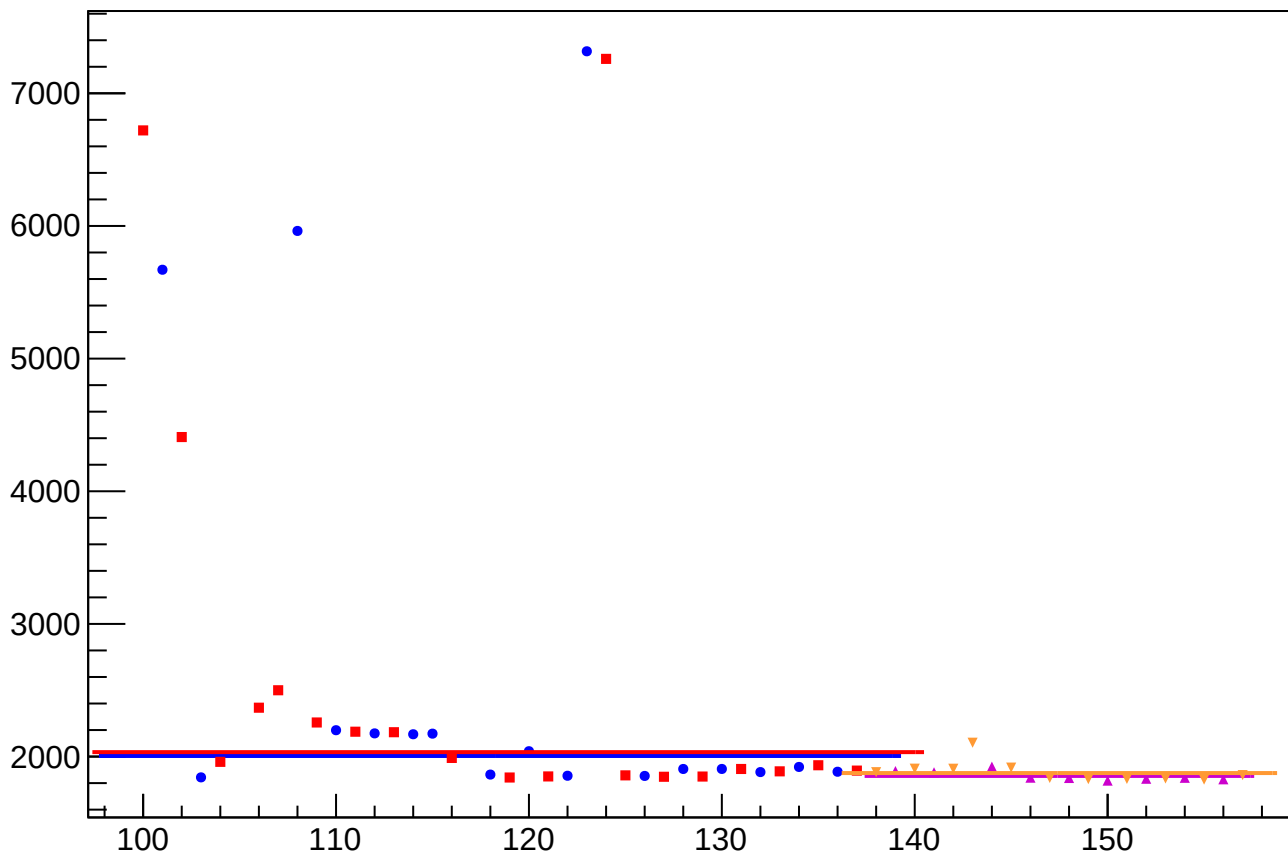
Left In: -2464.001 $\pm$ 681.852 χ^2/NDF : 18.2/8

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

All: 229.743 $\pm$ 361.846 χ^2/NDF : 103.0/55

- sign -2136.807 $\pm$ 514.167 χ^2/NDF : 35.9/27

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

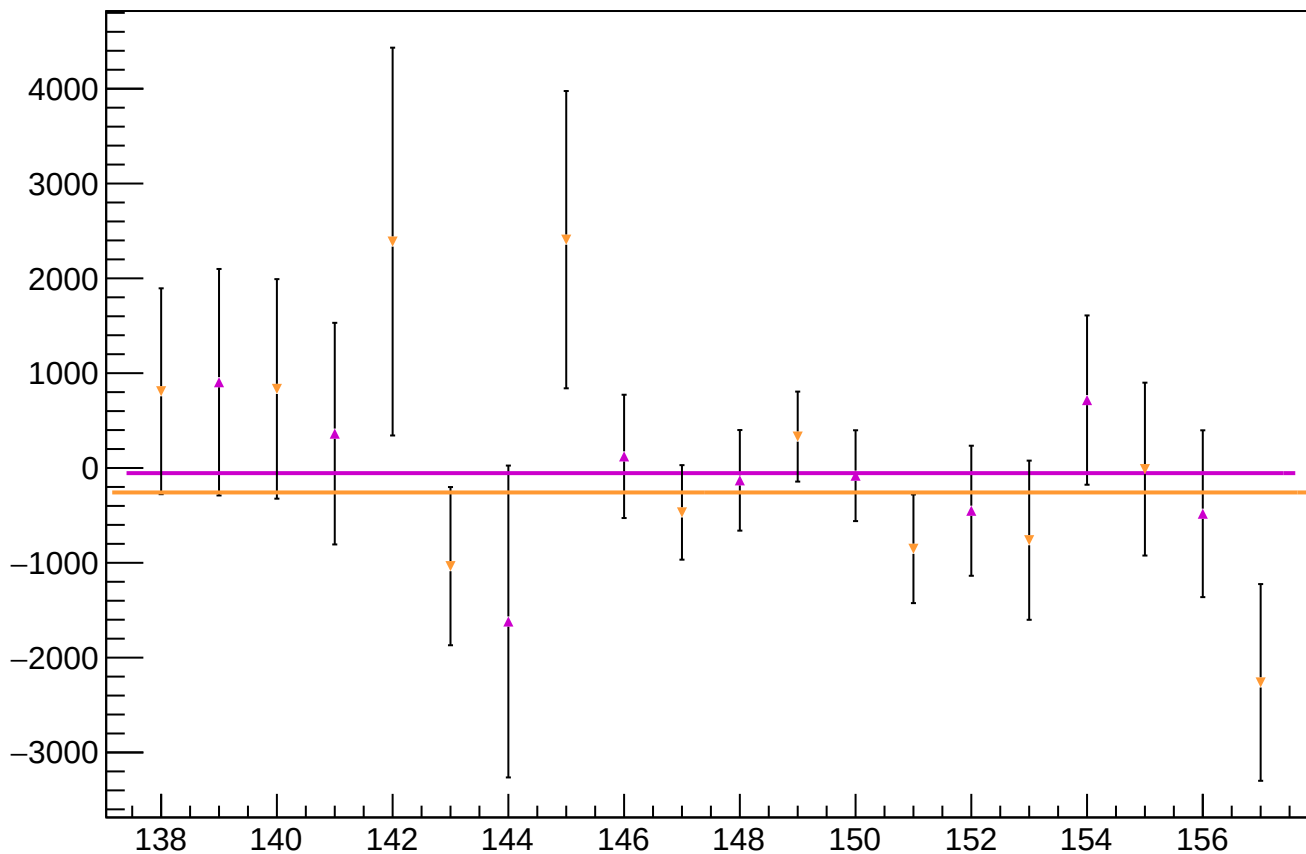
Left In: 1854.194+/-0.482 χ^2/NDF : 4678.9/8

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

All: 1929.637+/-0.256 χ^2/NDF : 1643704.8/55

- sign 1931.538+/-0.364 χ^2/NDF : 675343.7/27

asym_at1_avg_correction_mean vs Slug



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

Left Out: -257.982 $\pm$ 231.008 χ^2 /NDF:14.2/10

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

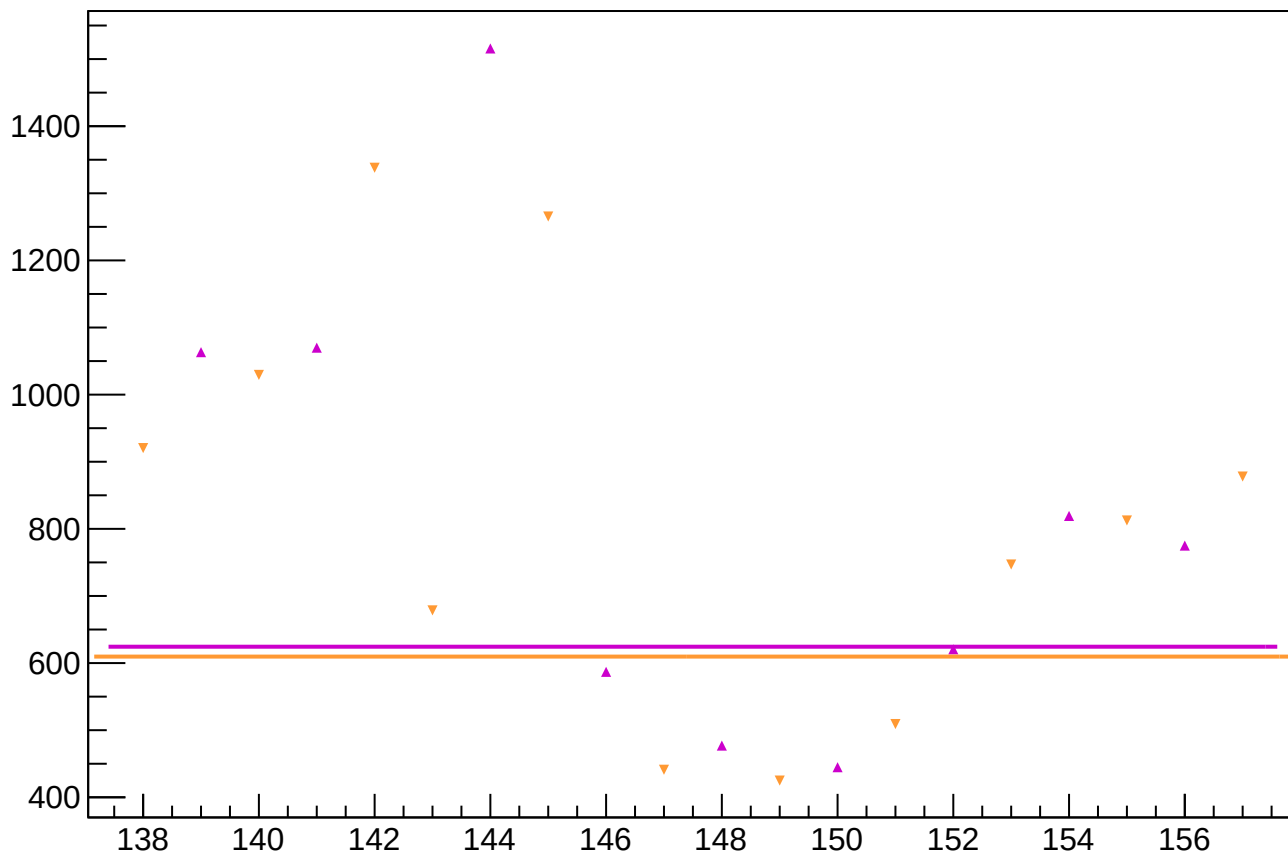
Left In: -54.251 $\pm$ 244.316 χ^2 /NDF:3.1/8

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

All: -161.816 $\pm$ 167.855 χ^2 /NDF: 17.7/19

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

asym_at1_avg_correction_rms vs Slug



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

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

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

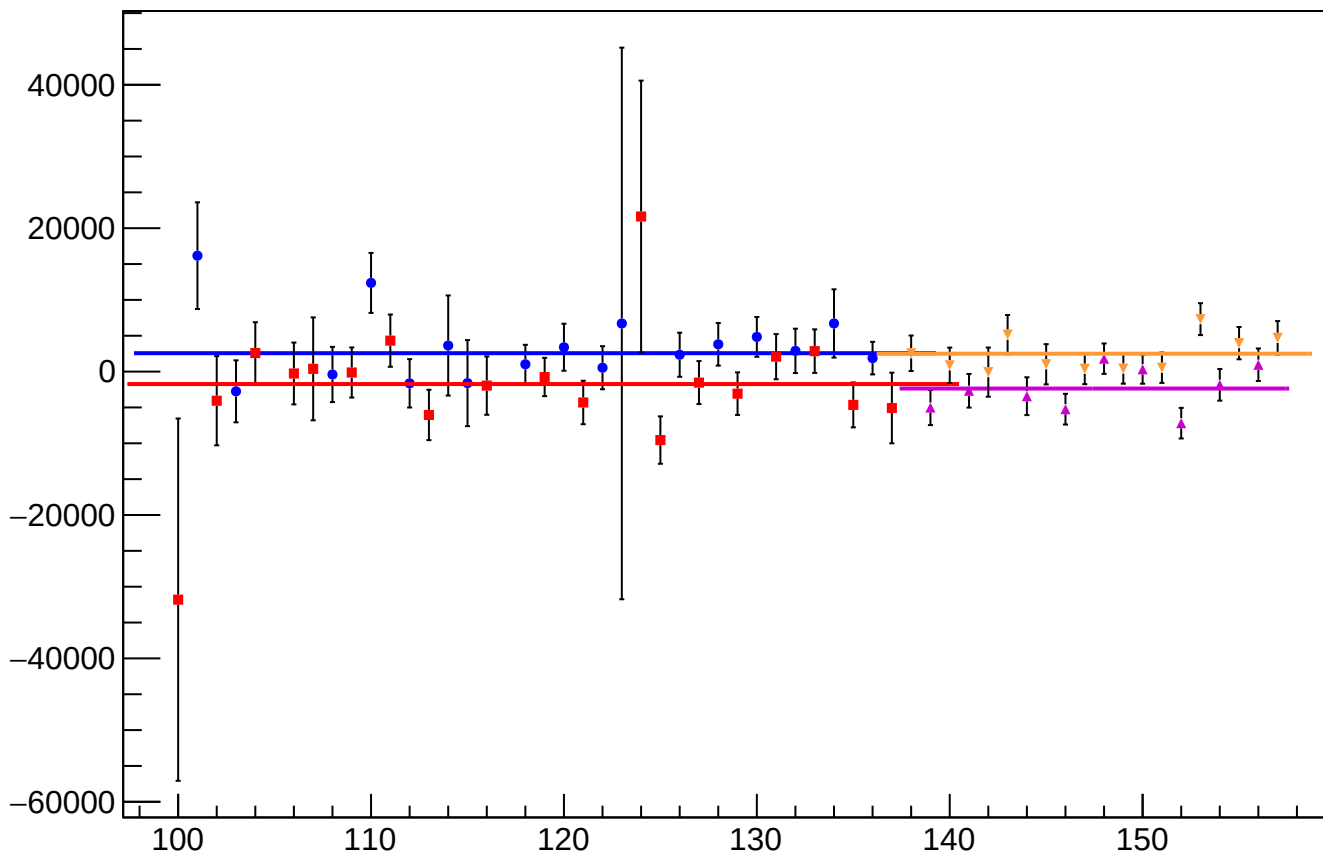
Left In: 624.393+/-0.173 χ^2/NDF :1744438.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.617+/-0.119 χ^2/NDF : 3671930.6/19

- 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

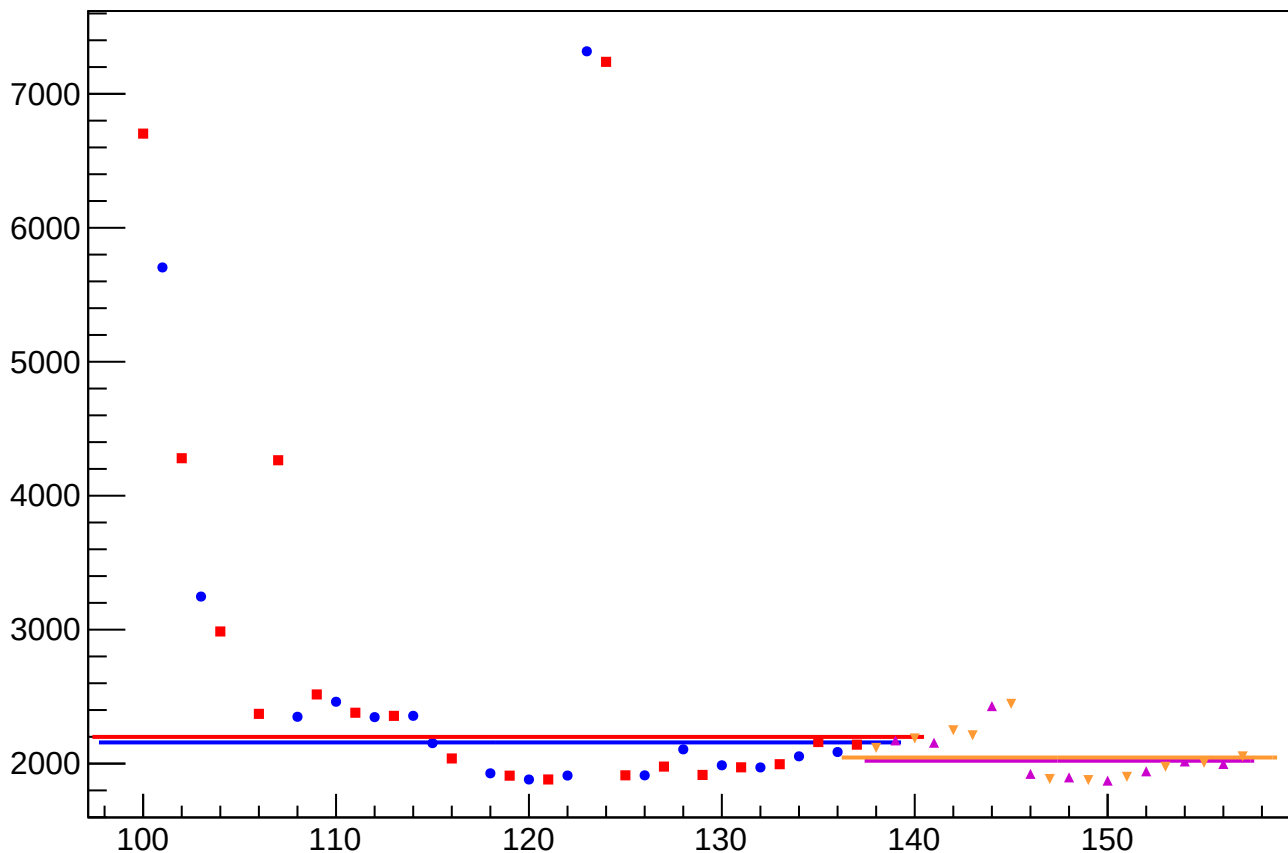
Left In: -2363.475 $\pm$ 745.563 χ^2 /NDF: 16.1/8

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

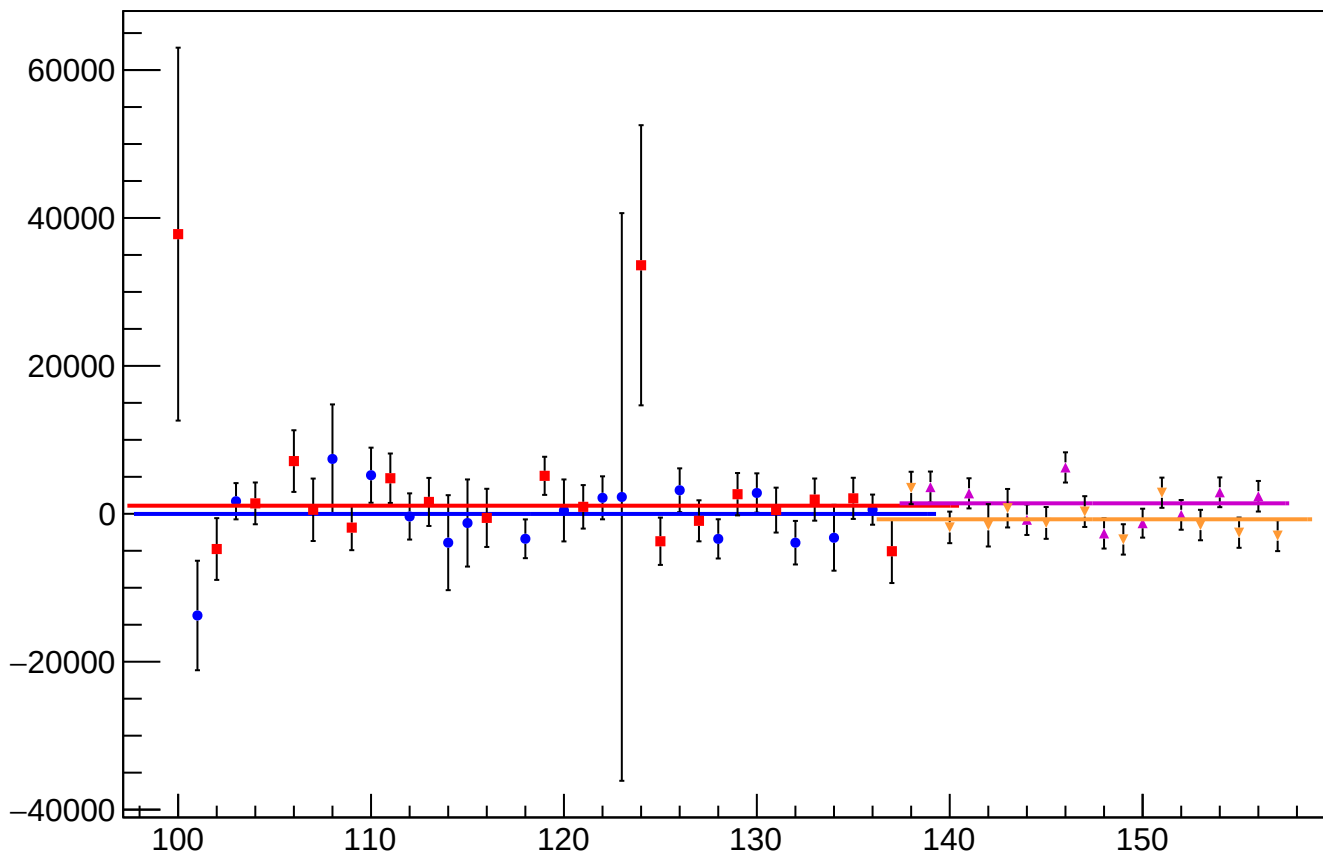
All: 257.000 $\pm$ 393.489 χ^2 /NDF: 98.0/55

- sign -2092.514 $\pm$ 561.410 χ^2 /NDF: 36.9/27

asym_at1_avg_rms vs Slug



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

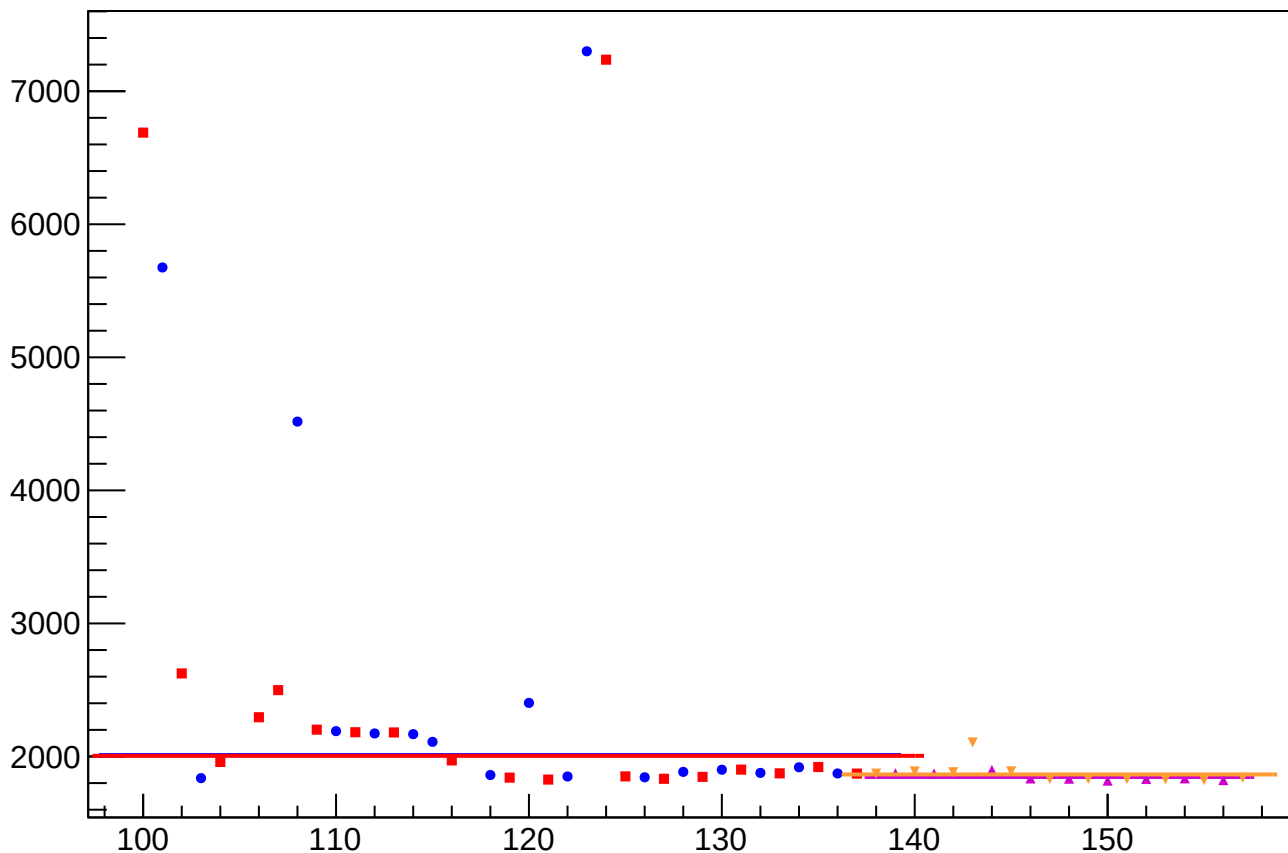
Left In: 1416.522 ± 678.849 χ^2/NDF : 15.5/8

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

All: 409.283 ± 359.443 χ^2/NDF : 68.7/55

- sign 1276.042 ± 509.131 χ^2/NDF : 35.0/27

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

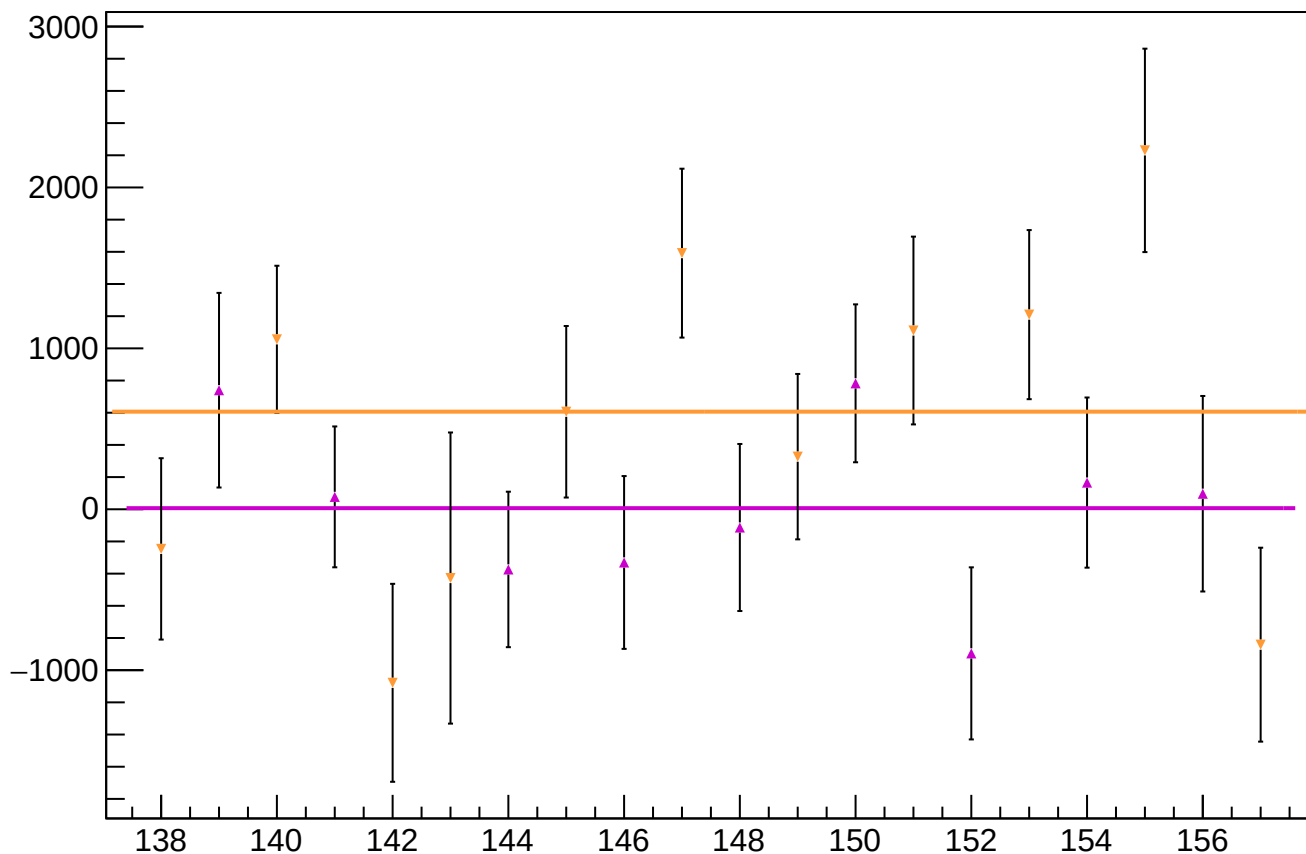
Left In: 1846.184 $\pm$ 0.480 χ^2 /NDF: 2970.1/8

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

All: 1919.422 $\pm$ 0.254 χ^2 /NDF: 1318746.4/55

- sign 1915.617 $\pm$ 0.360 χ^2 /NDF: 418304.2/27

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

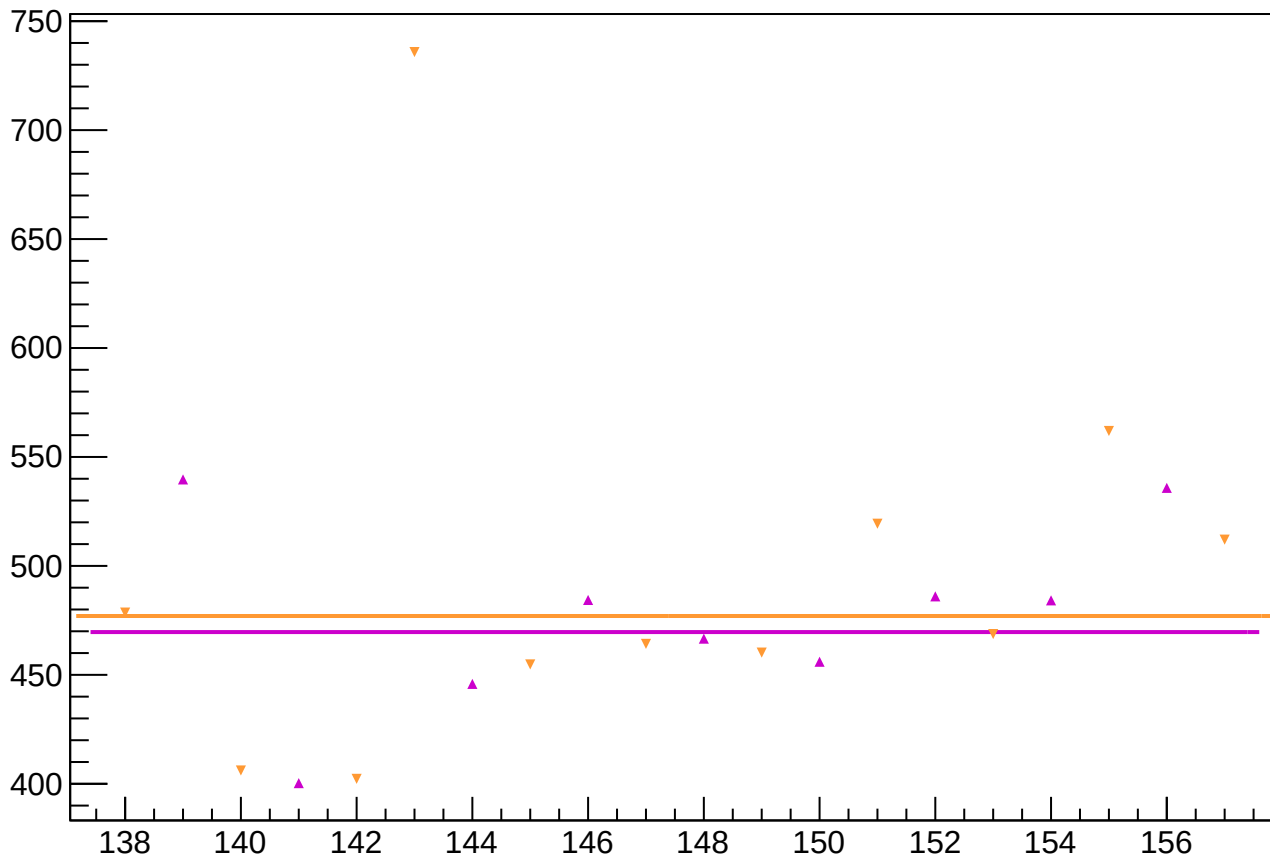
Left In: 6.900+/-173.158 χ^2/NDF :8.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.061+/-121.364 χ^2/NDF : 44.5/19

- 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

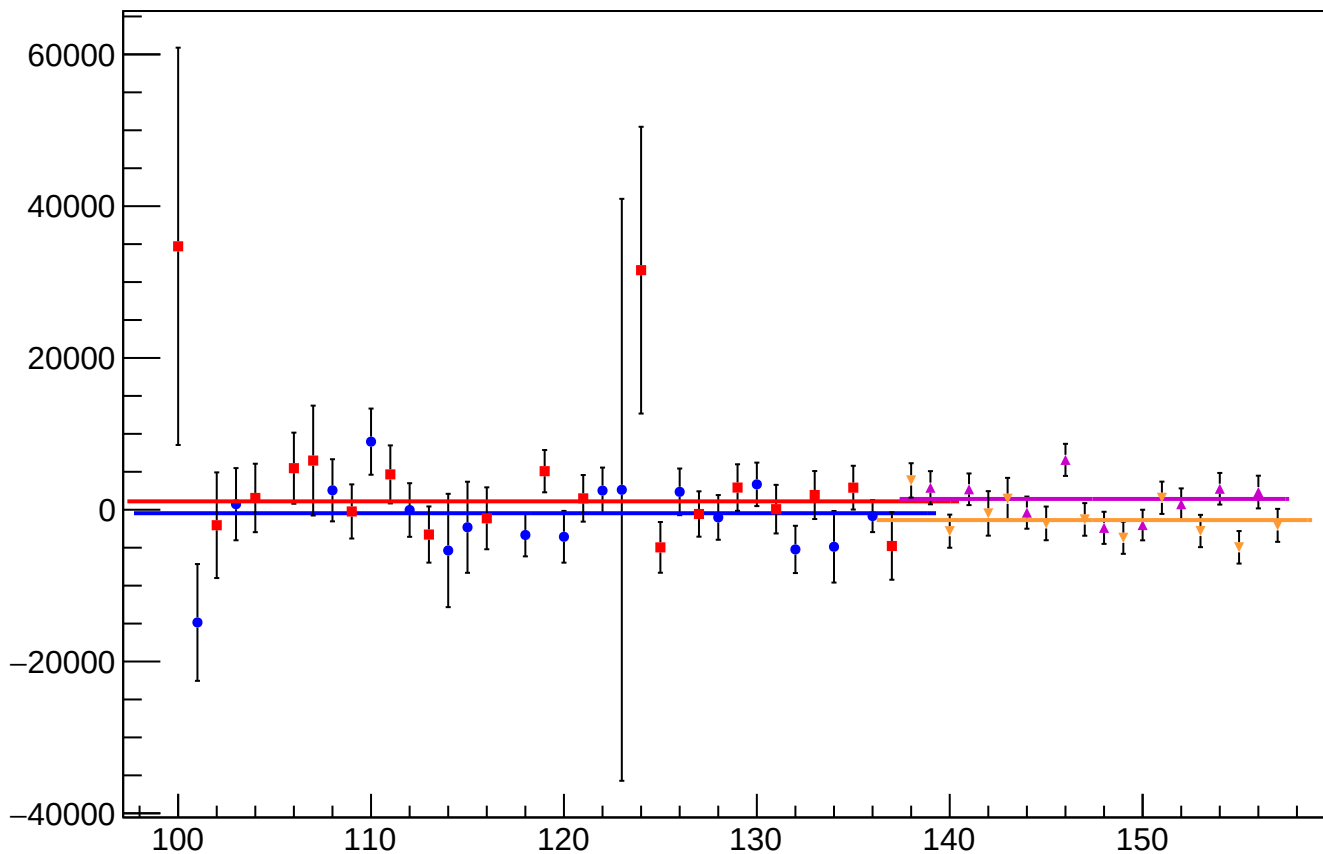
Left In: 469.633+/-0.122 χ^2/NDF : 112092.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.386+/-0.086 χ^2/NDF : 415899.7/19

- 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

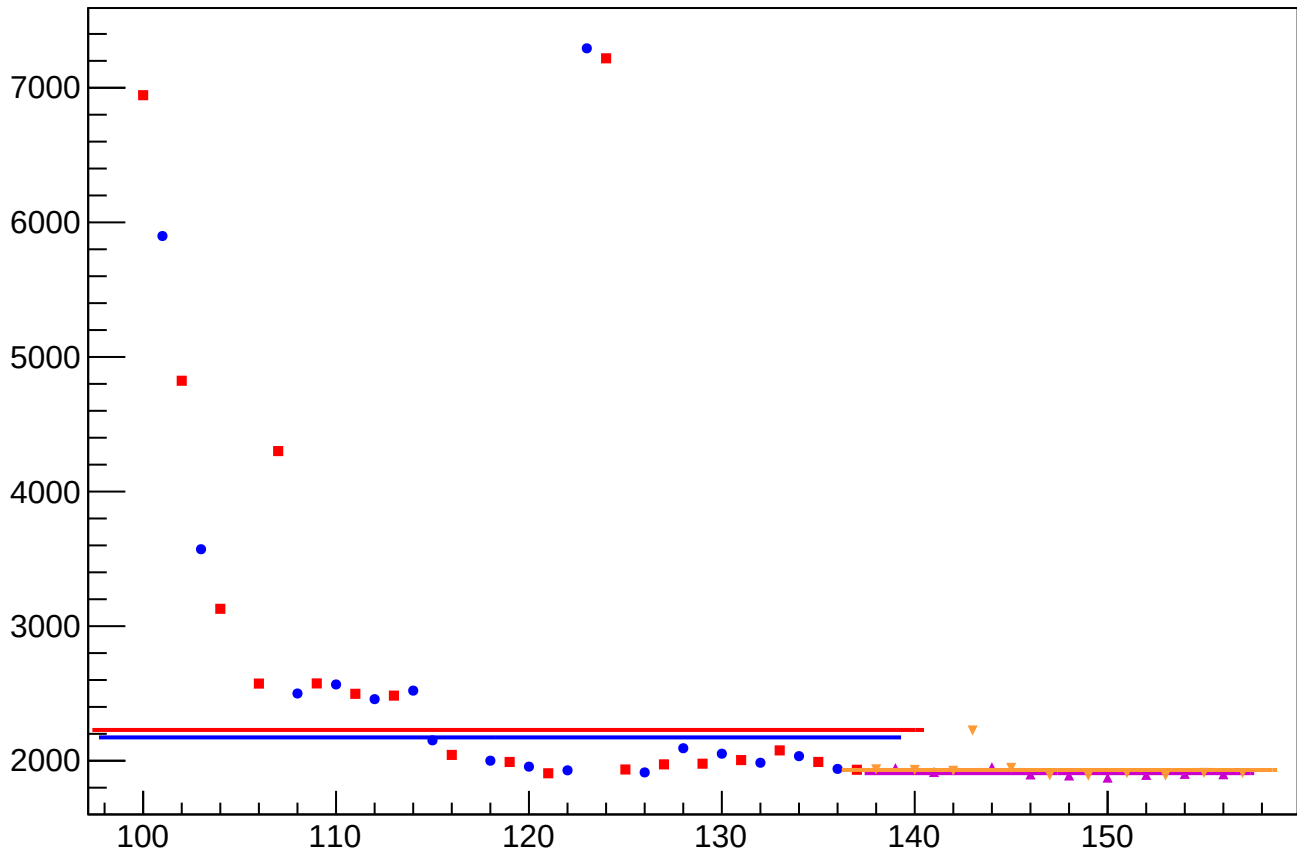
Left In: 1422.867 ± 701.421 χ^2/NDF : 14.3/8

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

All: 115.772 ± 381.631 χ^2/NDF : 72.7/55

- sign 1296.877 ± 545.350 χ^2/NDF : 31.3/27

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

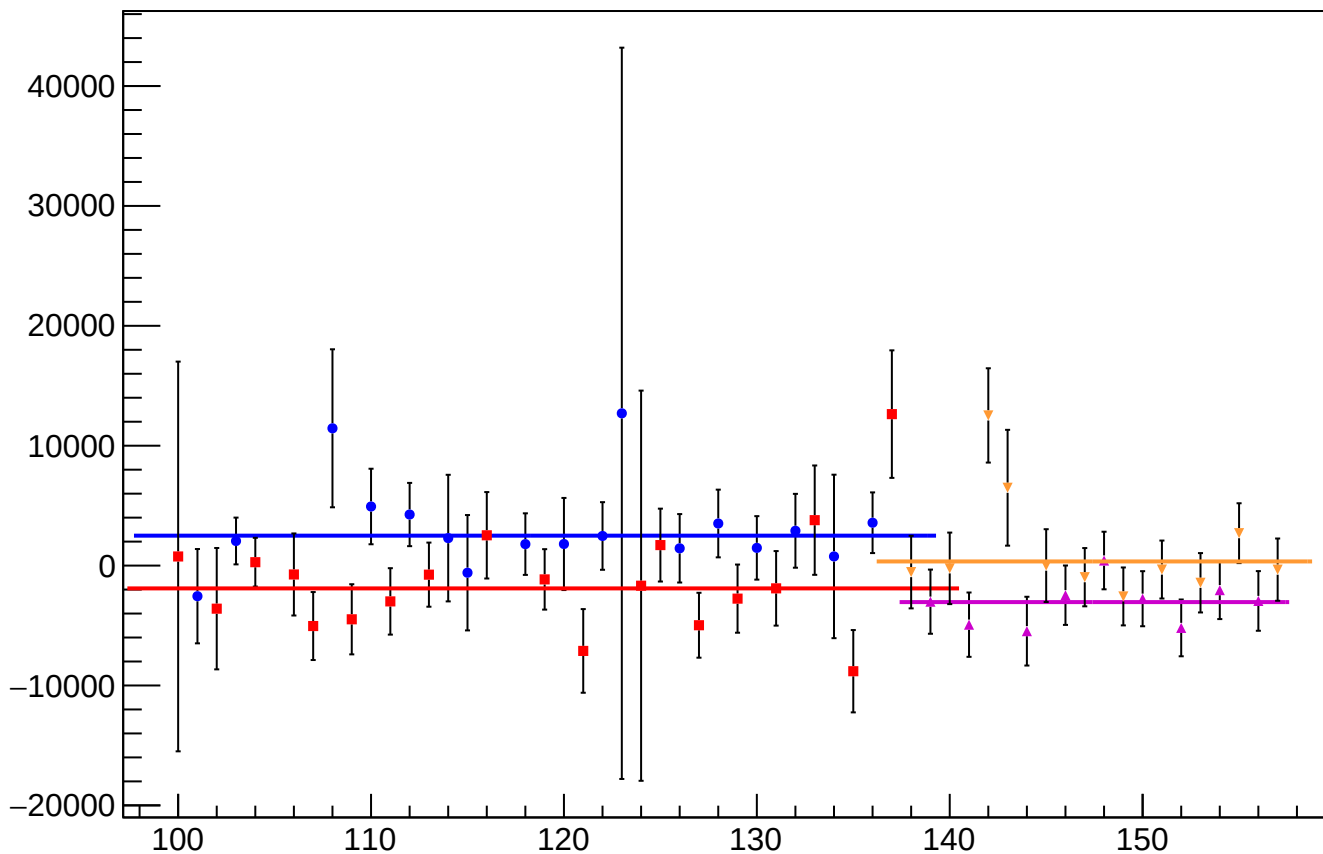
Left In: 1907.804+/-0.496 χ^2/NDF : 2332.6/8

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

All: 2029.167+/-0.270 χ^2/NDF : 1992411.2/55

- sign 2034.797+/-0.386 χ^2/NDF : 1063954.1/27

dit_asym_at2_avg_mean vs Slug



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

Left Out: 345.973 ± 838.749 χ^2/NDF : 14.7/10

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

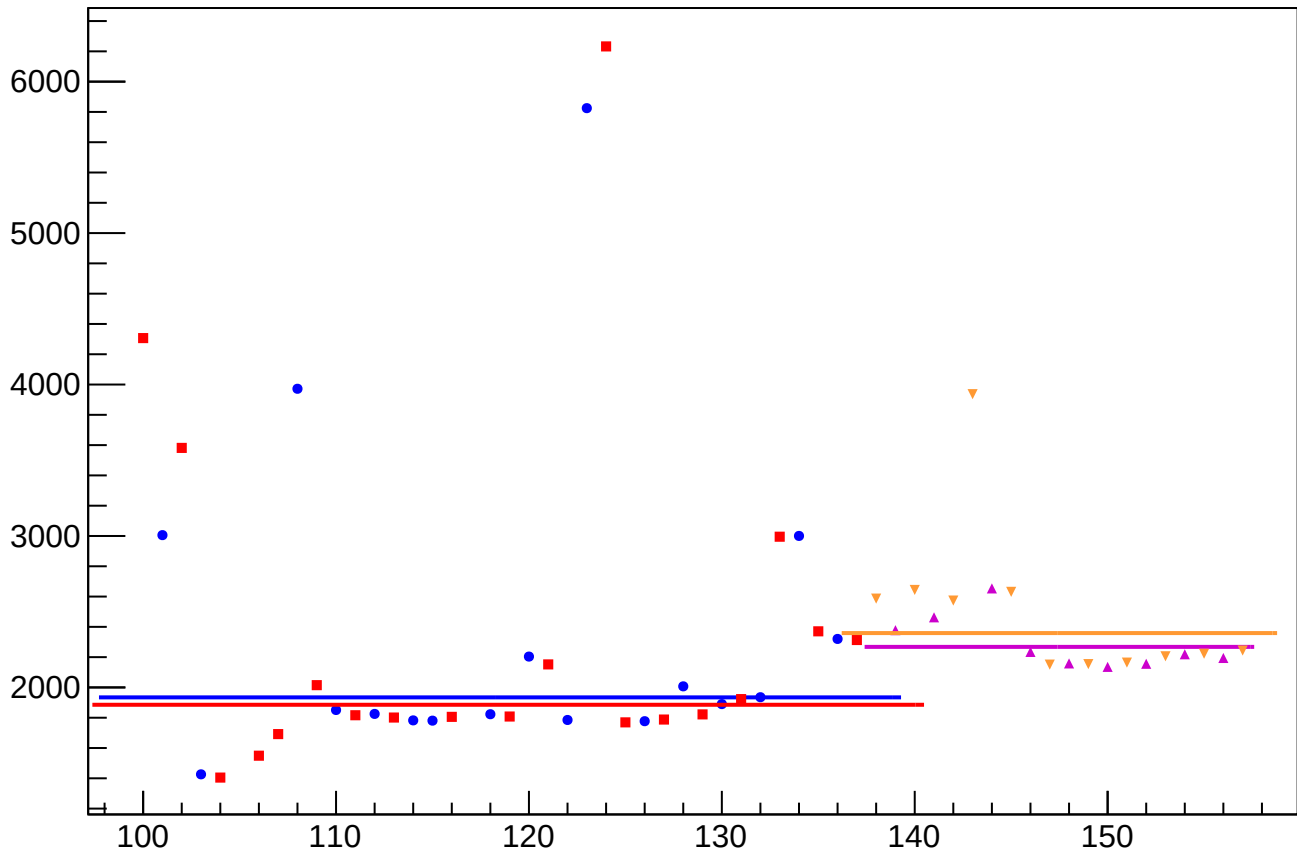
Left In: -3044.817 ± 834.057 χ^2/NDF : 4.4/8

+ sign 1515.396 ± 566.539 χ^2/NDF : 24.1/27

All: -494.281 ± 395.434 χ^2/NDF : 77.5/55

- sign -2403.463 ± 552.193 χ^2/NDF : 28.9/27

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

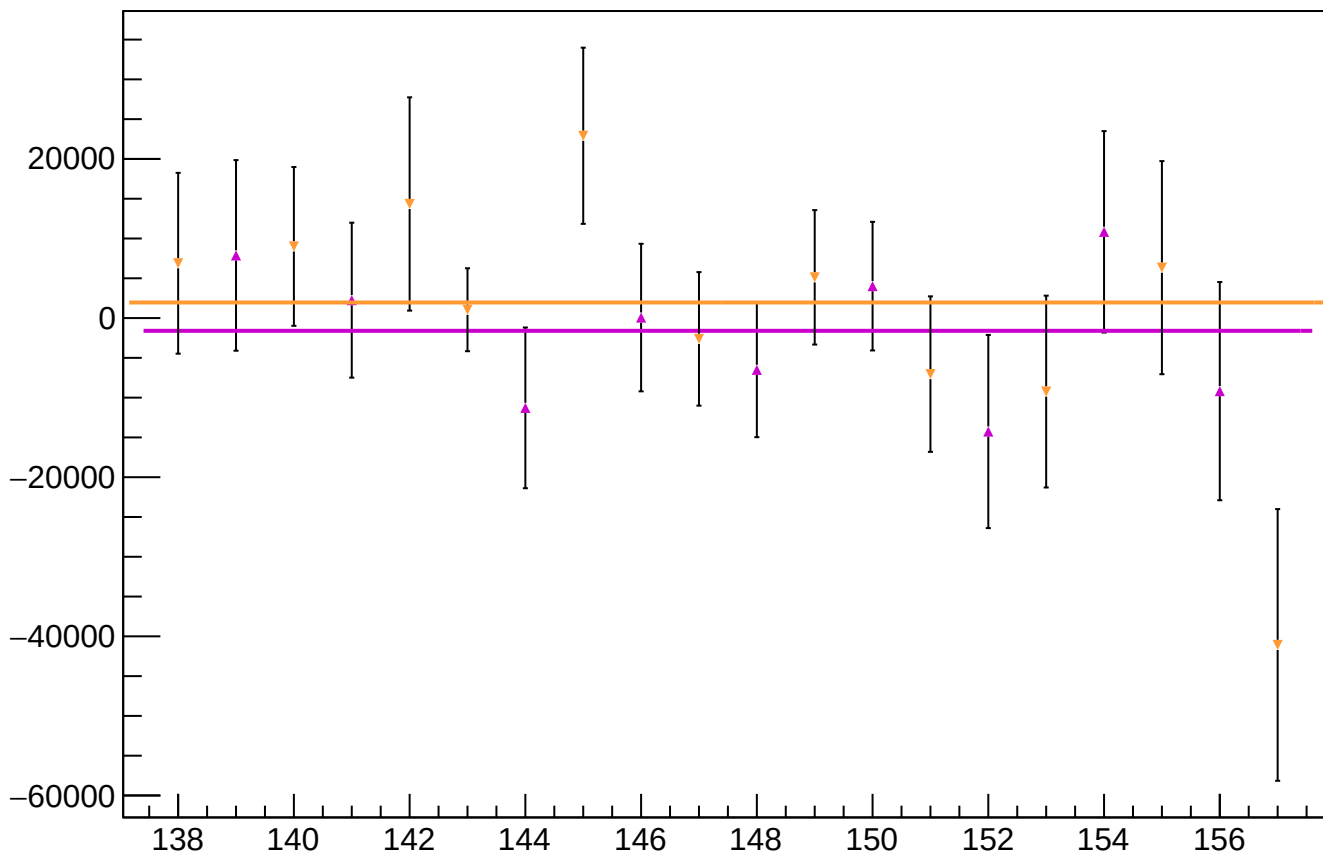
Left In: 2267.803+/-0.590 χ^2/NDF : 68319.0/8

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

All: 2089.617+/-0.280 χ^2/NDF : 2316507.9/55

- sign 2053.062+/-0.390 χ^2/NDF : 1056408.8/27

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

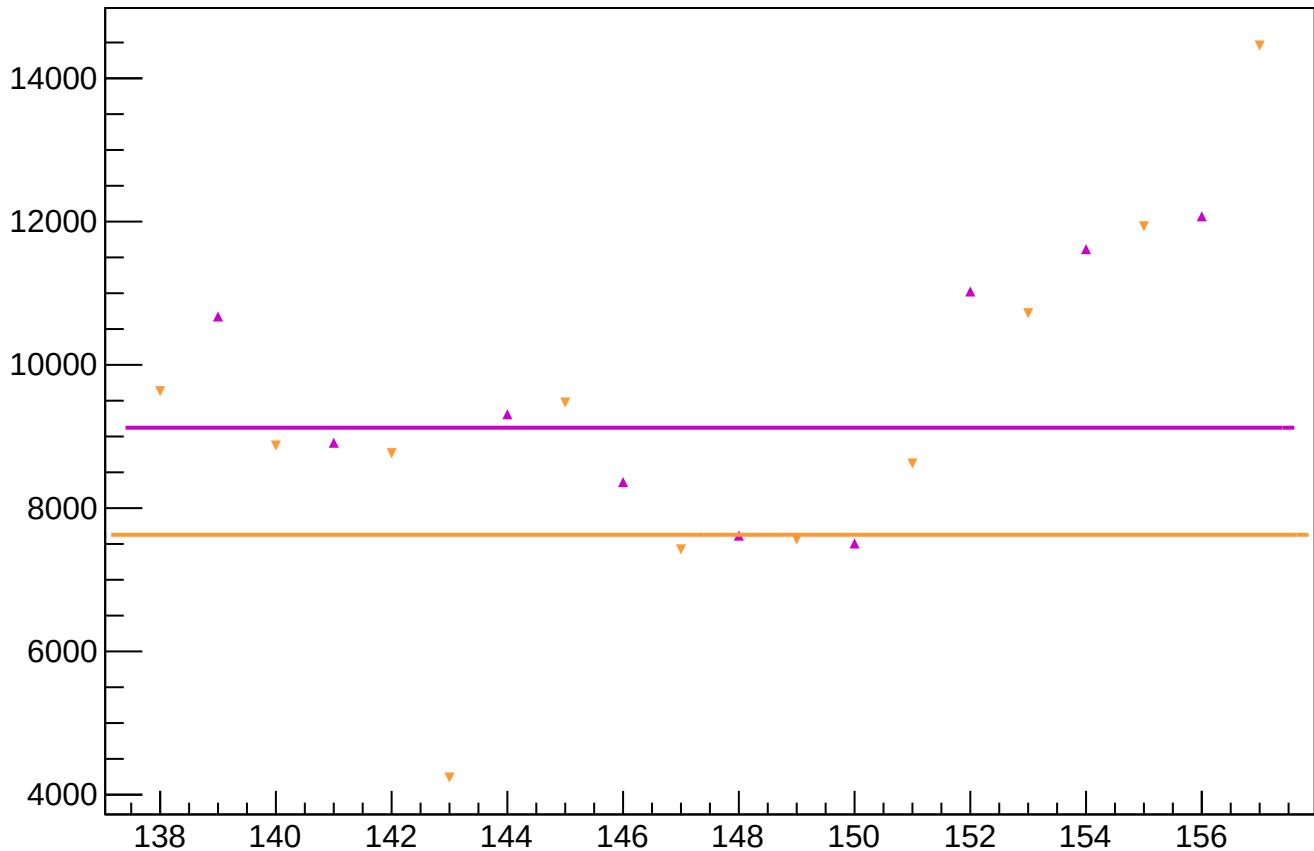
Left In: -1601.224+/-3398.862 χ^2/NDF :4.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.053+/-2185.039 χ^2/NDF : 19.3/19

- 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

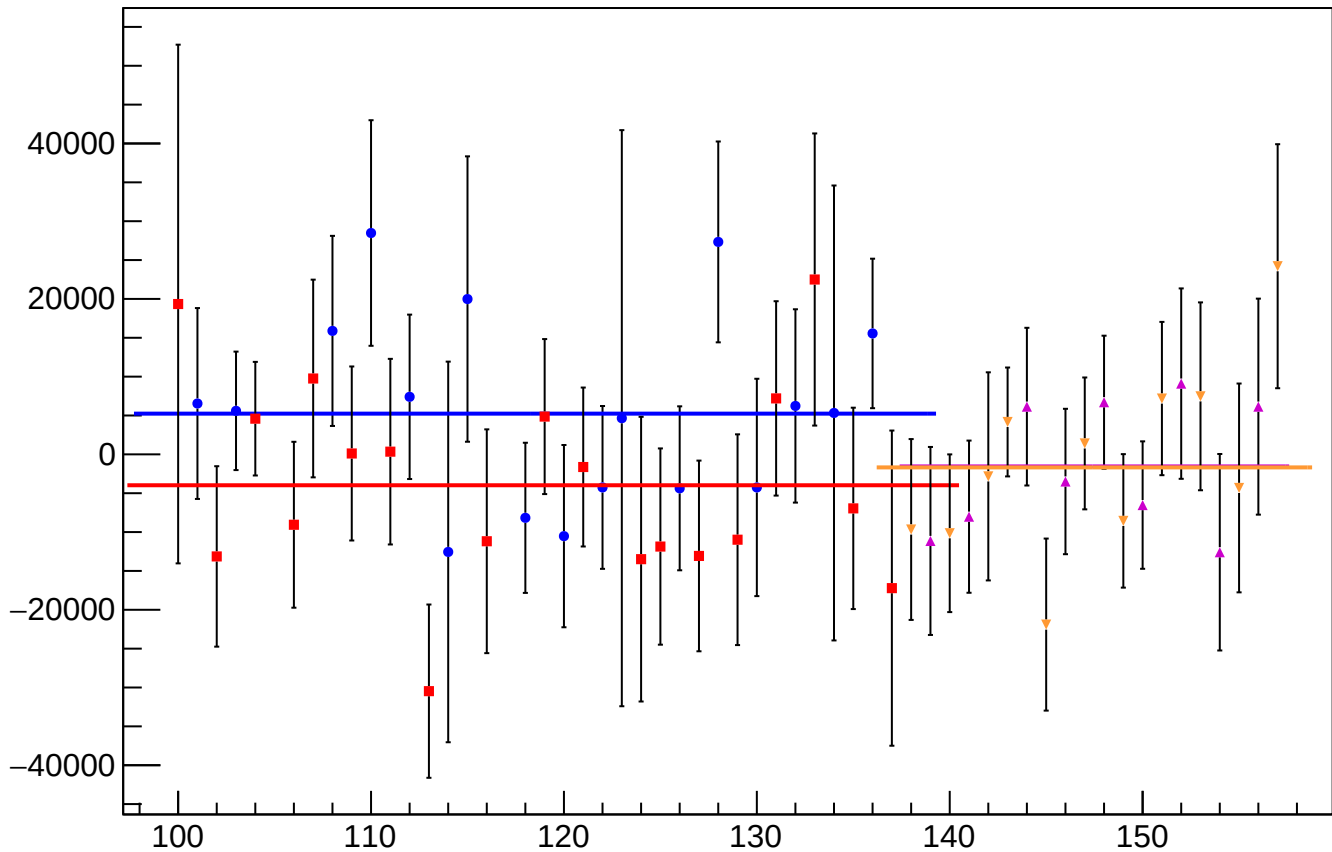
Left In: 9123.056+/-2.403 χ^2/NDF :411201.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8246.085+/-1.545 χ^2/NDF : 2327307.4/19

- 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

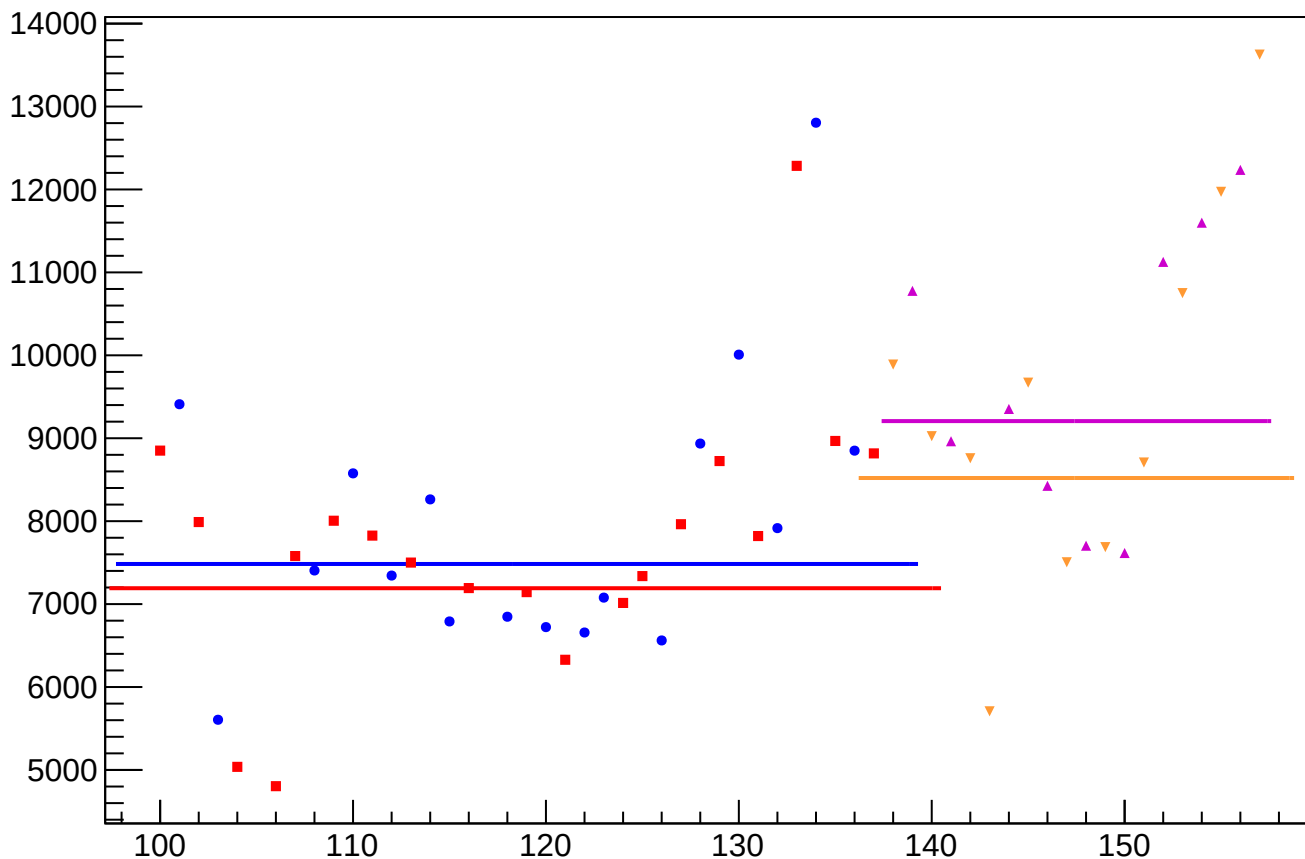
Left In: -1552.731+/-3429.330 χ^2/NDF : 4.8/8

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

All: -497.956+/-1517.836 χ^2/NDF : 50.6/55

- sign -3010.728+/-2164.421 χ^2/NDF : 20.7/27

asym_at2_avg_rms vs Slug



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

Left Out: 8520.524+/-2.178 χ^2/NDF : 837188.0/10

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

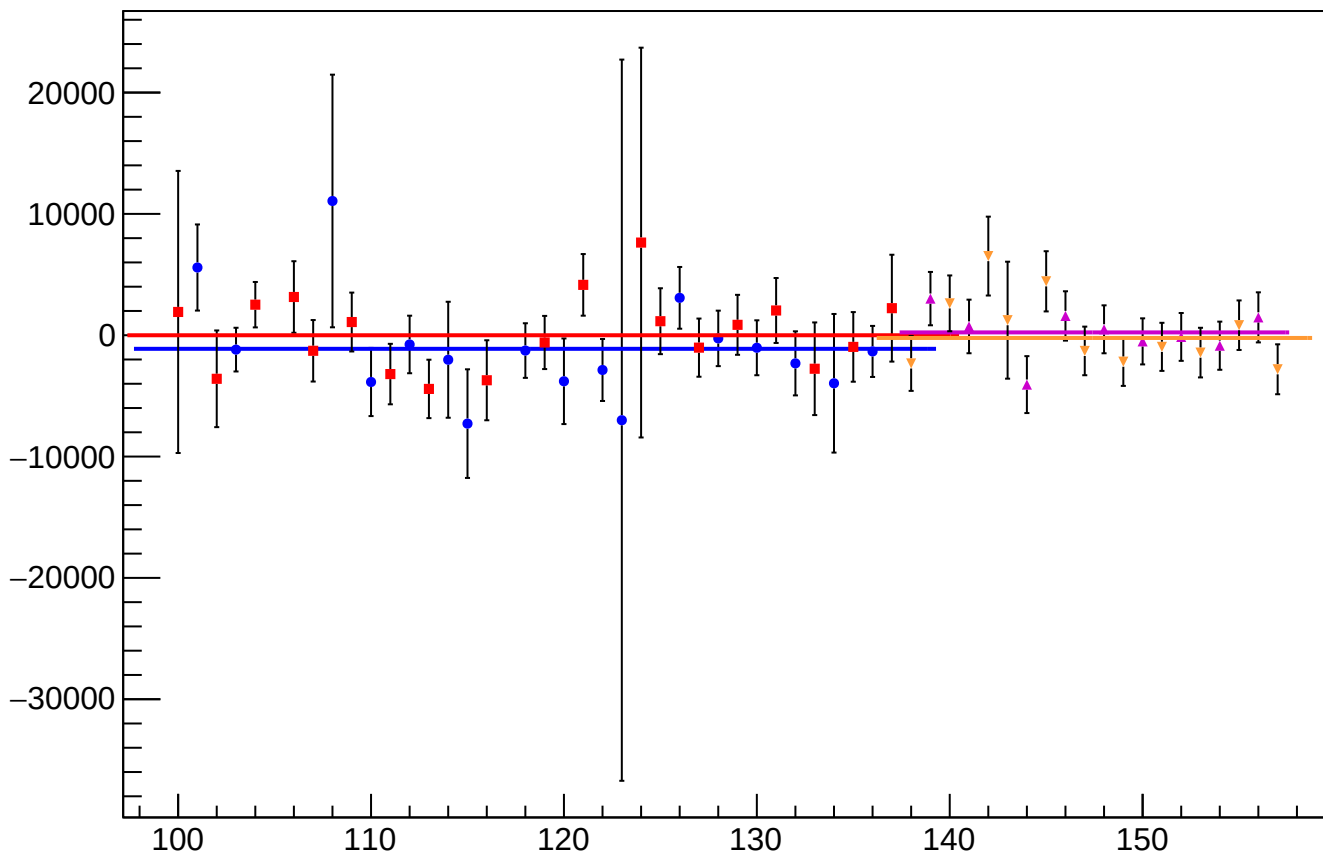
Left In: 9206.727+/-2.425 χ^2/NDF : 402015.3/8

+ sign 7979.073+/-1.505 χ^2/NDF : 1387315.9/27

All: 7986.469+/-1.073 χ^2/NDF : 2763726.8/55

- sign 7994.113+/-1.530 χ^2/NDF : 1376361.7/27

dit_asym_at2_dd_mean vs Slug



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

Left Out: -225.247 ± 681.292 χ^2/NDF : 13.9/10

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

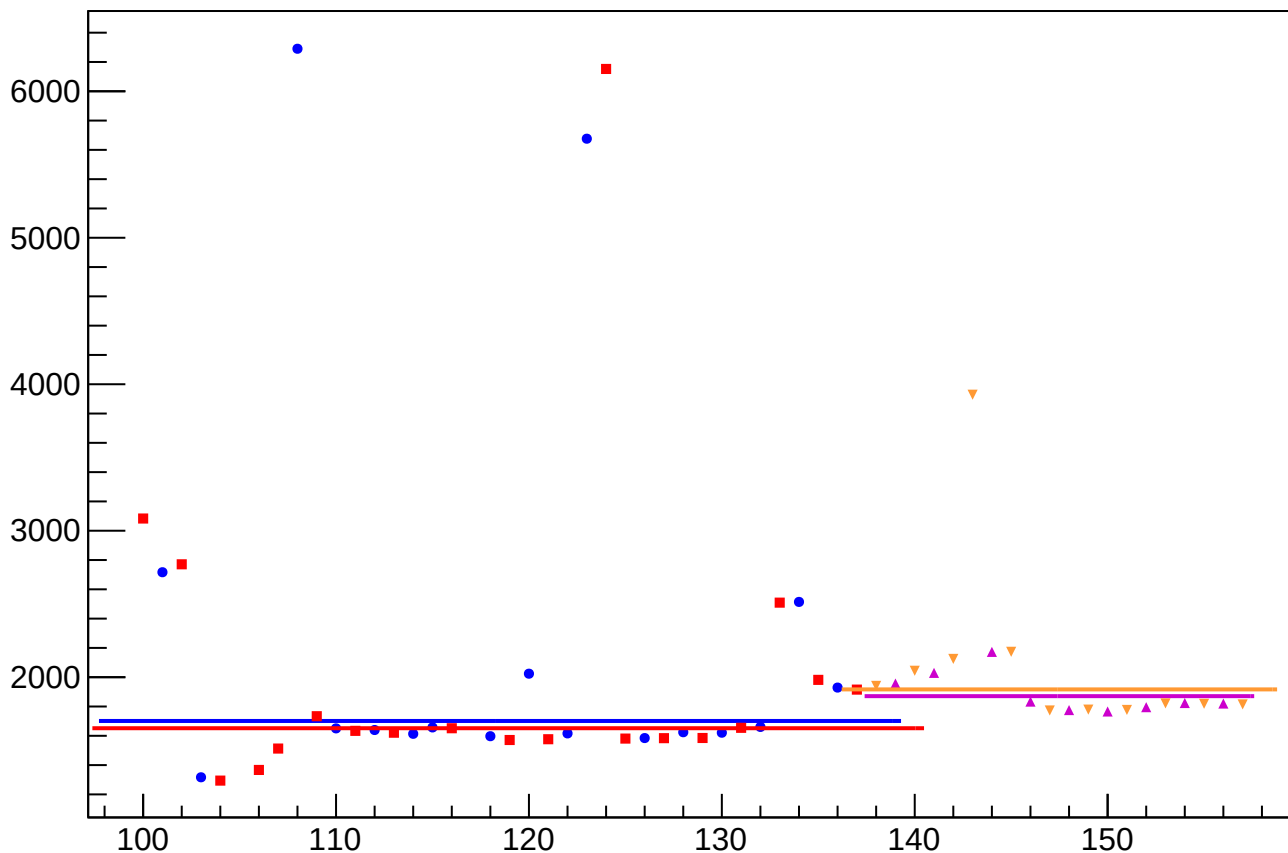
Left In: 232.505 ± 687.635 χ^2/NDF : 6.3/8

+ sign -674.274 ± 480.991 χ^2/NDF : 27.0/27

All: -273.491 ± 335.556 χ^2/NDF : 50.2/55

- sign 106.514 ± 468.358 χ^2/NDF : 21.9/27

dit_asym_at2_dd_rms vs Slug



Right In: 1701.283 $\pm$ 0.480 χ^2 /NDF: 778718.7/16

Left Out: 1916.745 $\pm$ 0.482 χ^2 /NDF: 428053.0/10

Right Out: 1651.734 $\pm$ 0.452 χ^2 /NDF: 588842.2/18

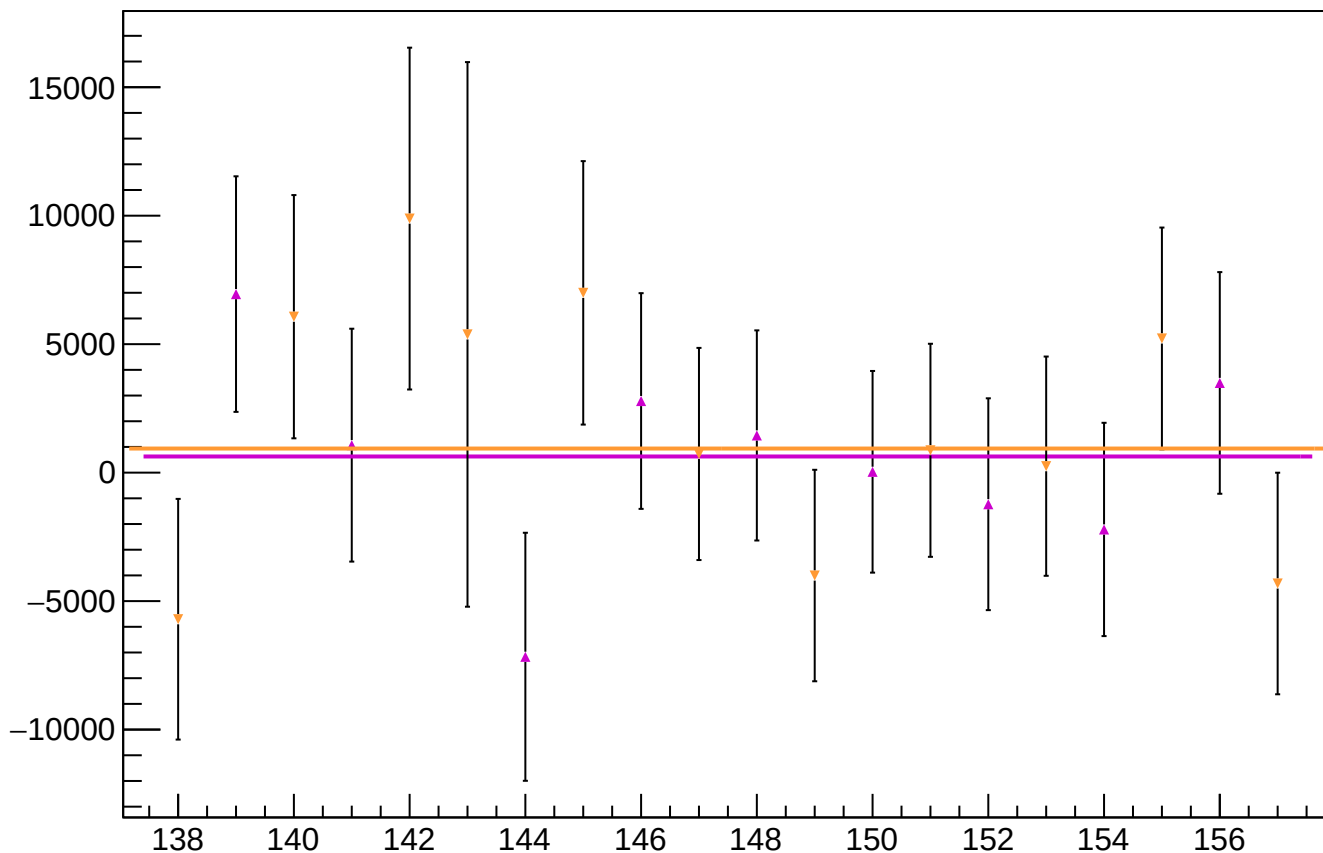
Left In: 1870.646 $\pm$ 0.486 χ^2 /NDF: 63248.7/8

+ sign 1808.676 $\pm$ 0.340 χ^2 /NDF: 1307102.9/27

All: 1780.247 $\pm$ 0.237 χ^2 /NDF: 2081470.5/55

- sign 1753.291 $\pm$ 0.331 χ^2 /NDF: 760755.5/27

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

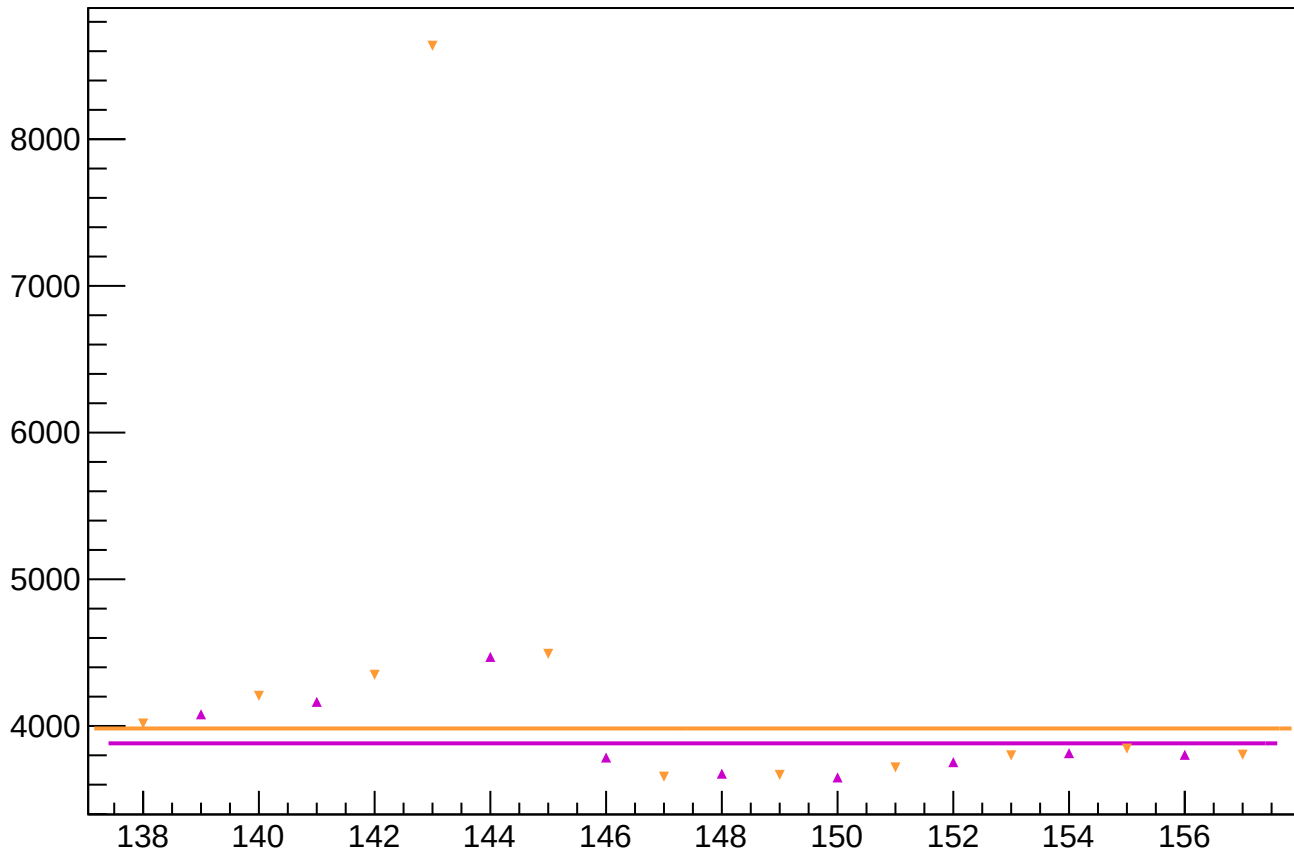
Left In: 628.737+/-1426.591 χ^2/NDF :6.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.258+/-1005.317 χ^2/NDF : 16.5/19

- 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

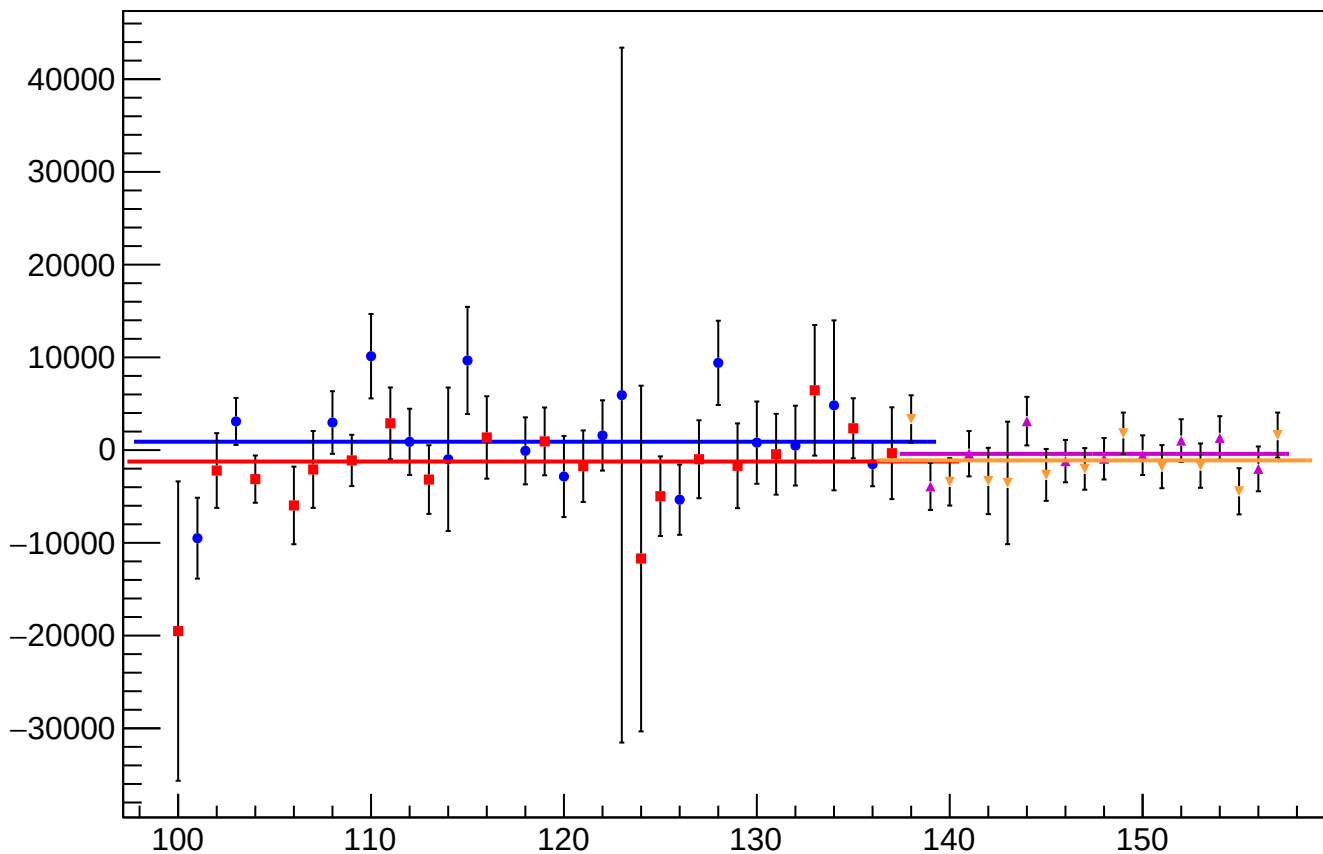
Left In: 3881.655+/-1.009 χ^2/NDF : 57620.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3932.693+/-0.711 χ^2/NDF : 520531.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 903.274 $\pm$ 961.918 χ^2 /NDF: 21.6/16

Left Out: -1108.104 $\pm$ 784.621 χ^2 /NDF: 9.8/10

Right Out: -1231.015 $\pm$ 925.029 χ^2 /NDF: 8.9/18

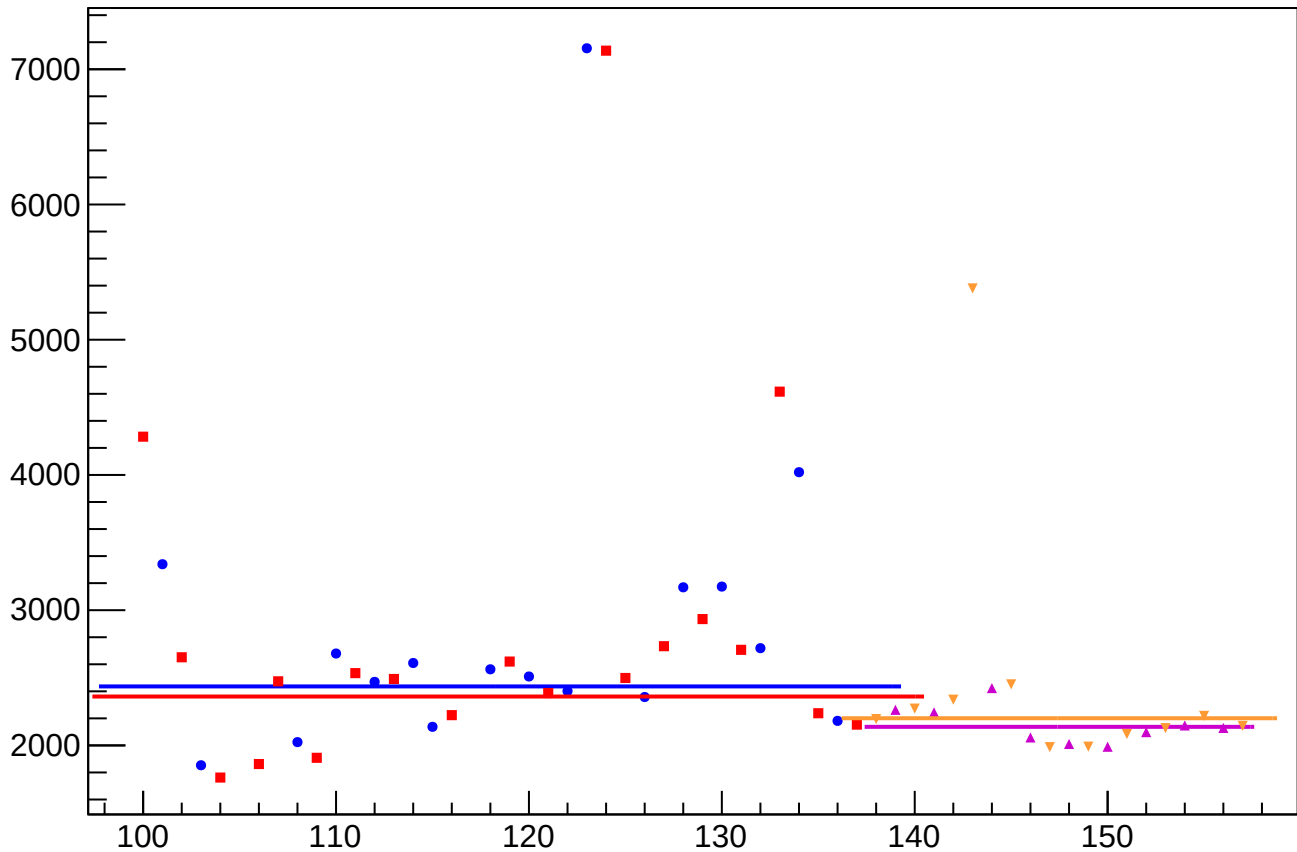
Left In: -406.069 $\pm$ 785.373 χ^2 /NDF: 5.3/8

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

All: -531.522 $\pm$ 426.595 χ^2 /NDF: 48.9/55

- sign -751.630 $\pm$ 598.695 χ^2 /NDF: 14.6/27

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

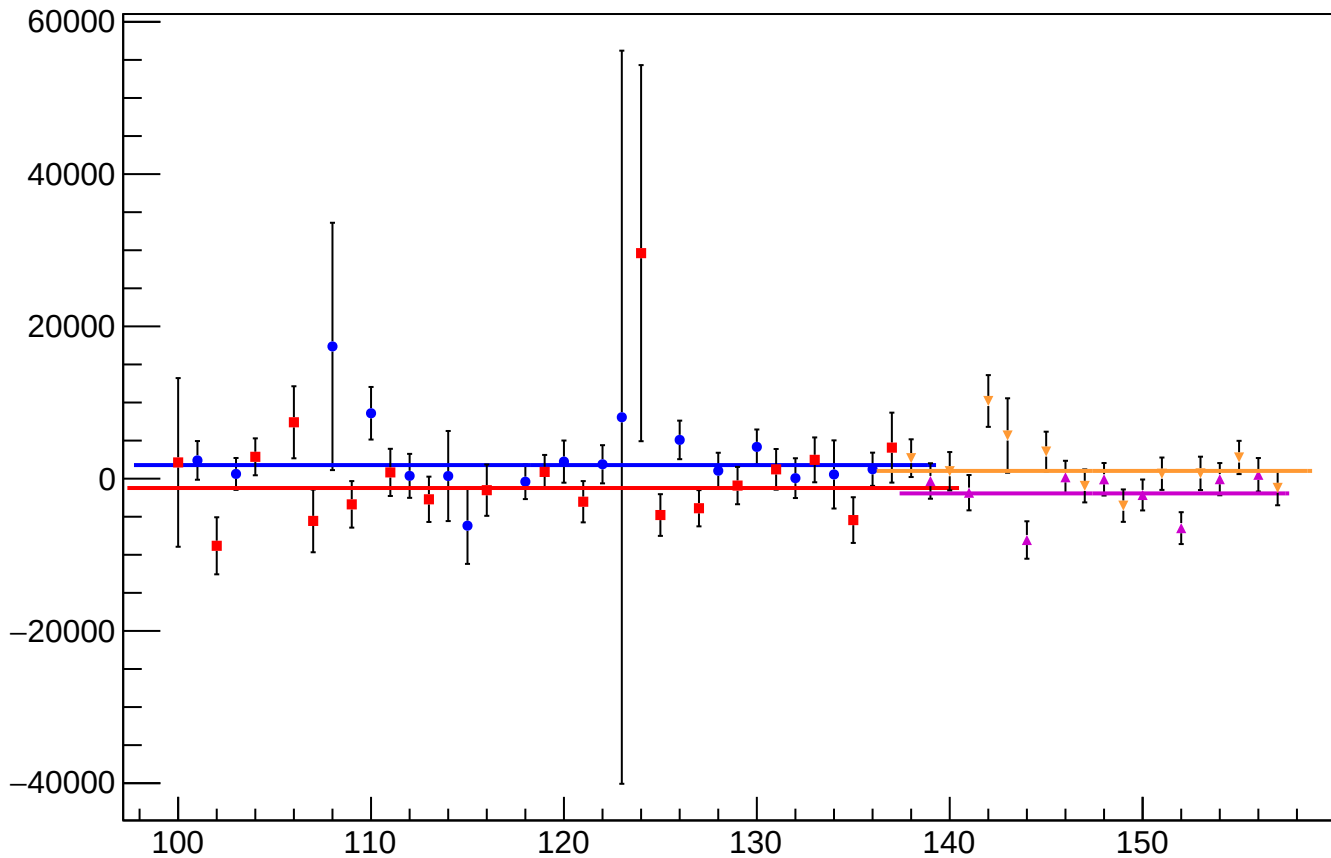
Left In: 2137.334+/-0.555 χ^2/NDF : 51572.7/8

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

All: 2262.601+/-0.302 χ^2/NDF : 1855166.0/55

- sign 2231.260+/-0.423 χ^2/NDF : 775706.7/27

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

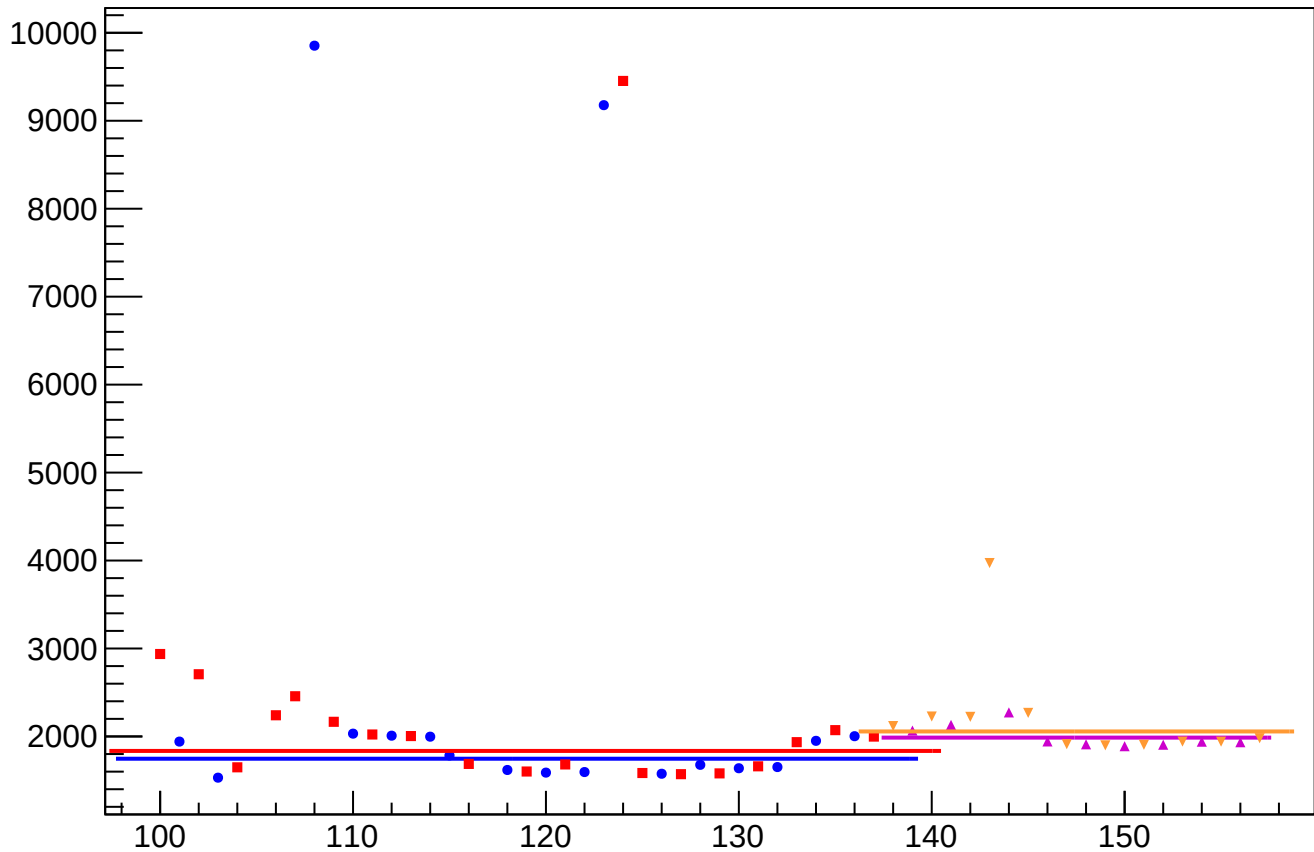
Left In: -1937.362 $\pm$ 731.477 χ^2 /NDF: 15.2/8

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

All: -61.802 $\pm$ 358.108 χ^2 /NDF: 87.0/55

- sign -1571.854 $\pm$ 508.783 χ^2 /NDF: 39.9/27

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

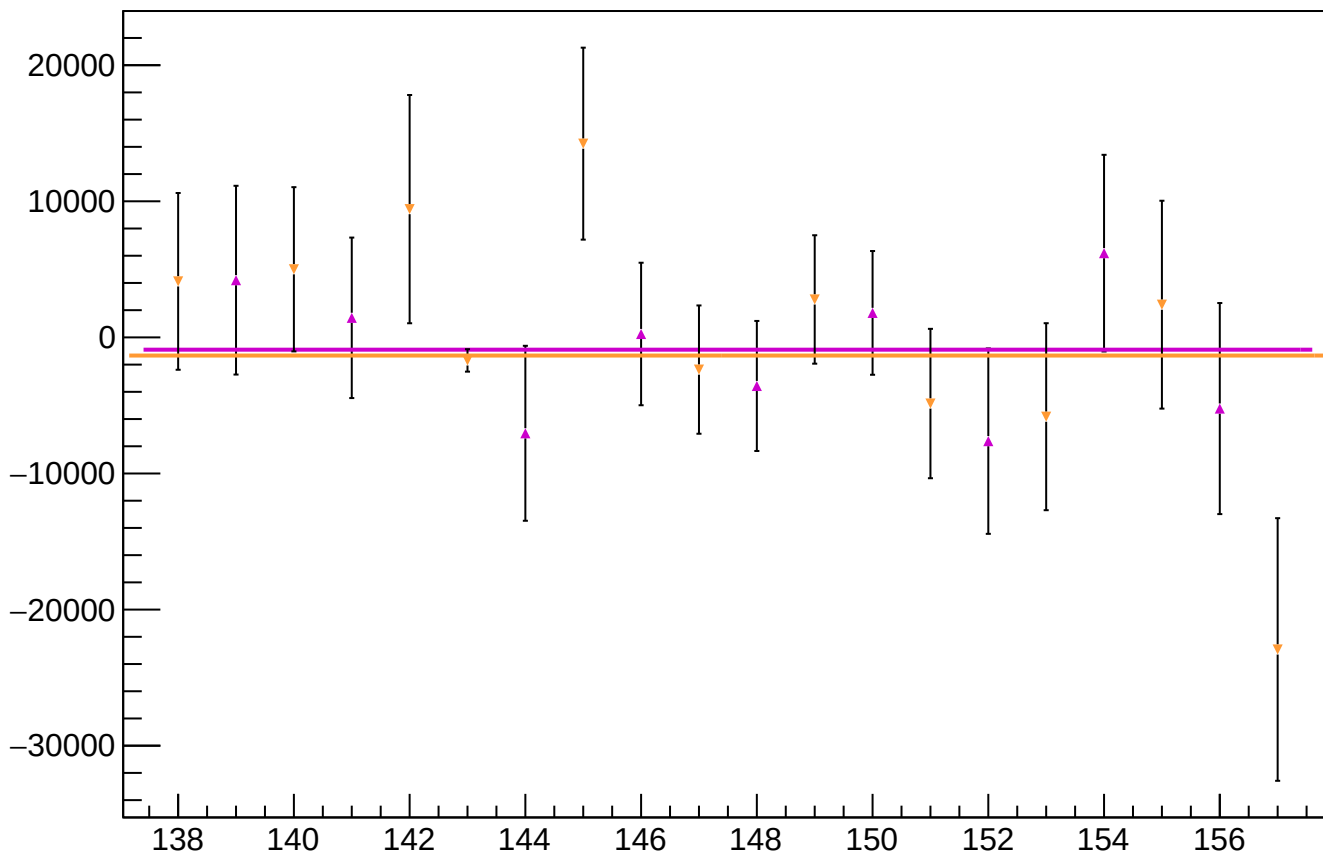
Left In: 1986.744+/-0.517 χ^2/NDF : 50327.8/8

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

All: 1900.939+/-0.253 χ^2/NDF : 1895407.6/55

- sign 1908.536+/-0.360 χ^2/NDF : 644969.9/27

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

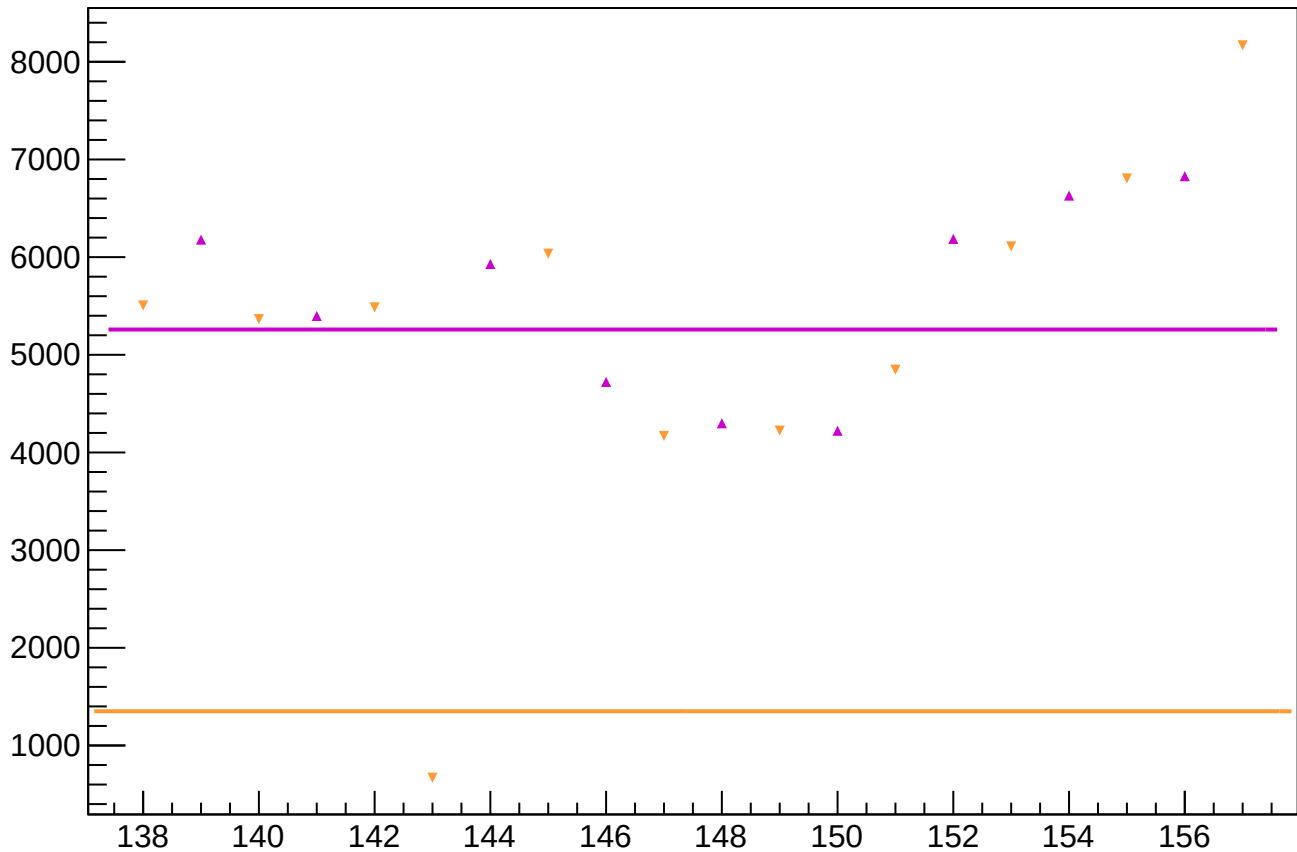
Left In: -902.983+/-1961.940 χ^2/NDF :4.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1277.588+/-709.022 χ^2/NDF : 20.0/19

- 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

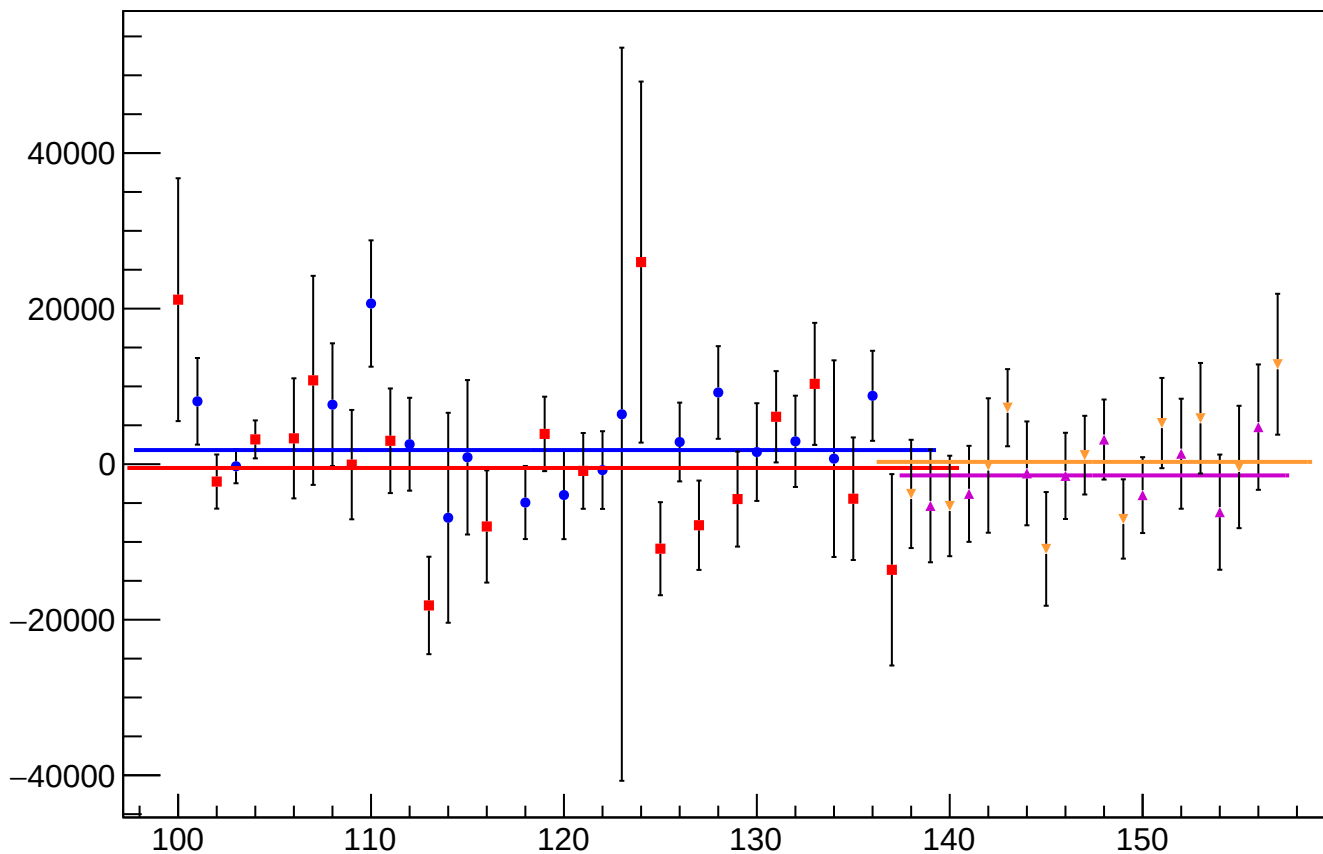
Left In: 5258.769+/-1.387 χ^2/NDF : 454986.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.731+/-0.501 χ^2/NDF : 17041324.6/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

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

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

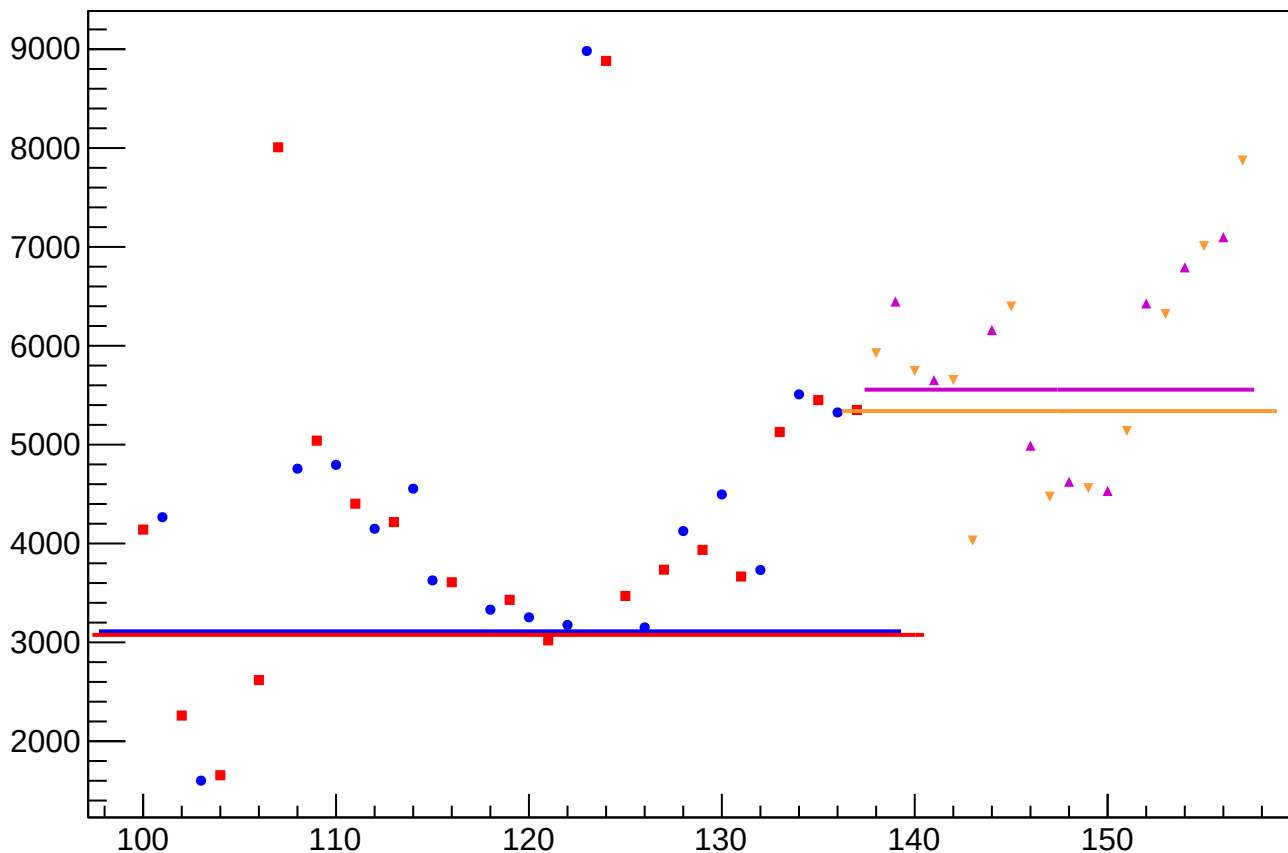
Left In: -1446.373+/-2068.798 χ^2/NDF : 2.7/8

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

All: 304.621+/-766.633 χ^2/NDF : 57.4/55

- sign -755.391+/-1092.228 χ^2/NDF : 29.3/27

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

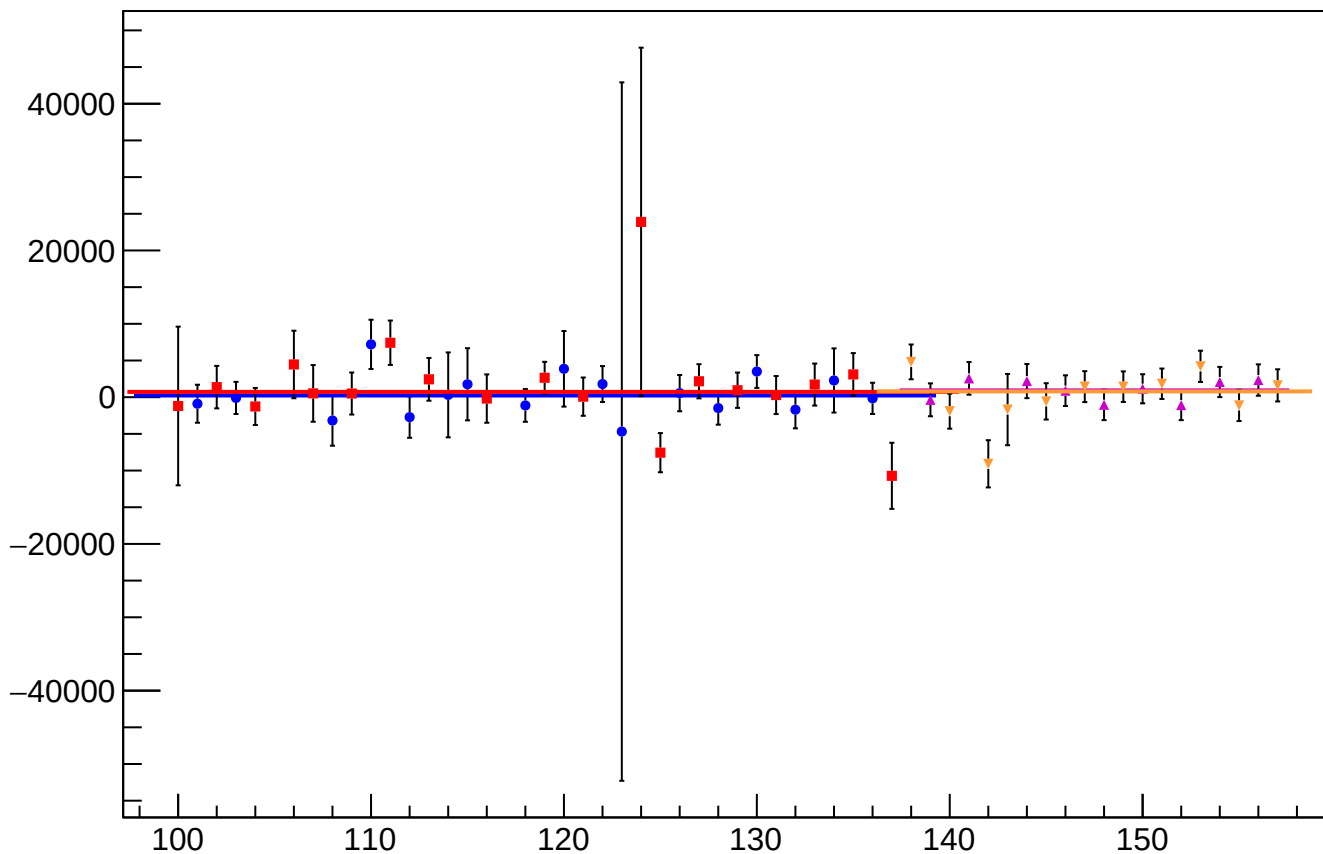
Left In: 5556.404+/-1.463 χ^2/NDF : 381168.1/8

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

All: 3784.226+/-0.539 χ^2/NDF : 8814040.0/55

- sign 3752.782+/-0.764 χ^2/NDF : 4481449.5/27

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

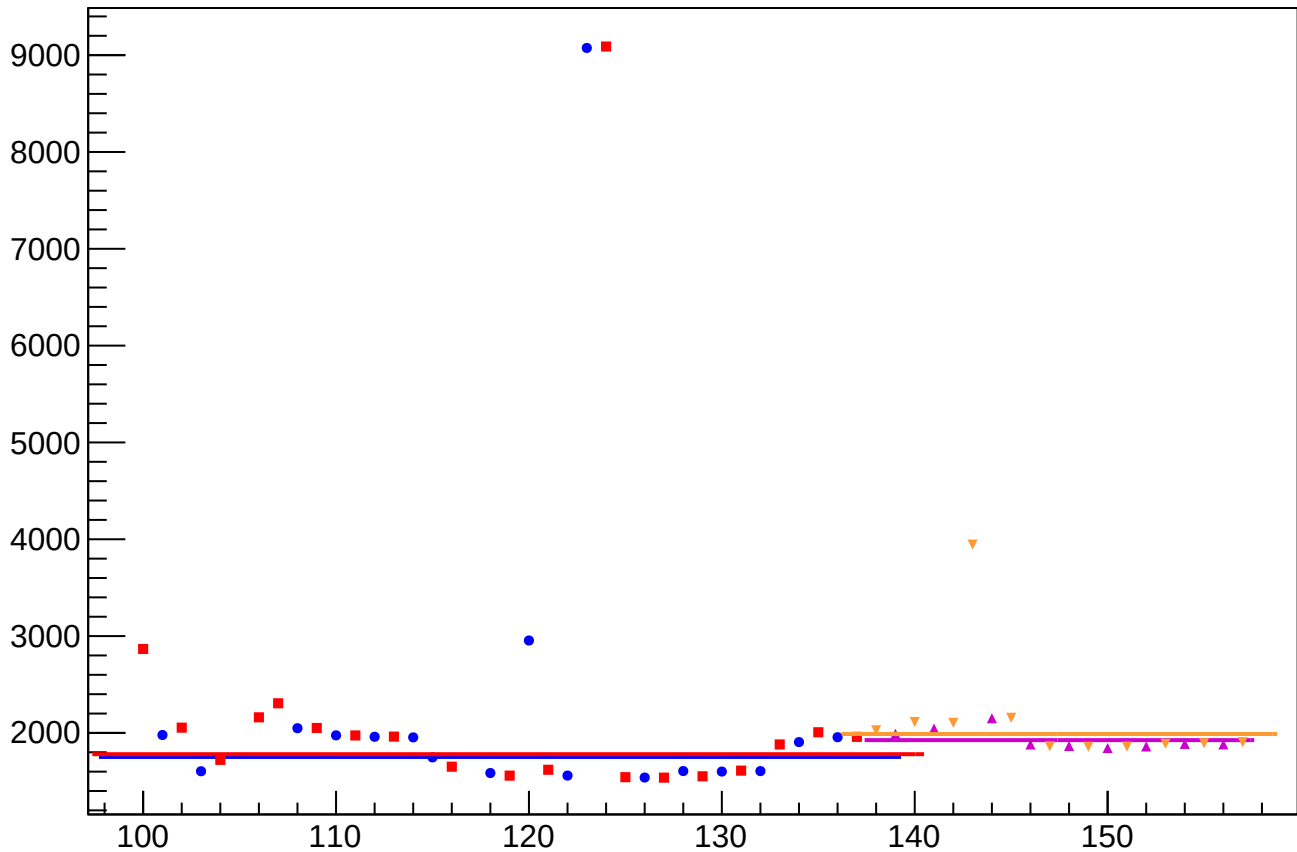
Left In: 928.232 $\pm$ 708.443 χ^2 /NDF:3.8/8

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

All: 663.379 $\pm$ 348.344 χ^2 /NDF: 59.8/55

- sign 823.680 $\pm$ 492.141 χ^2 /NDF: 29.6/27

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

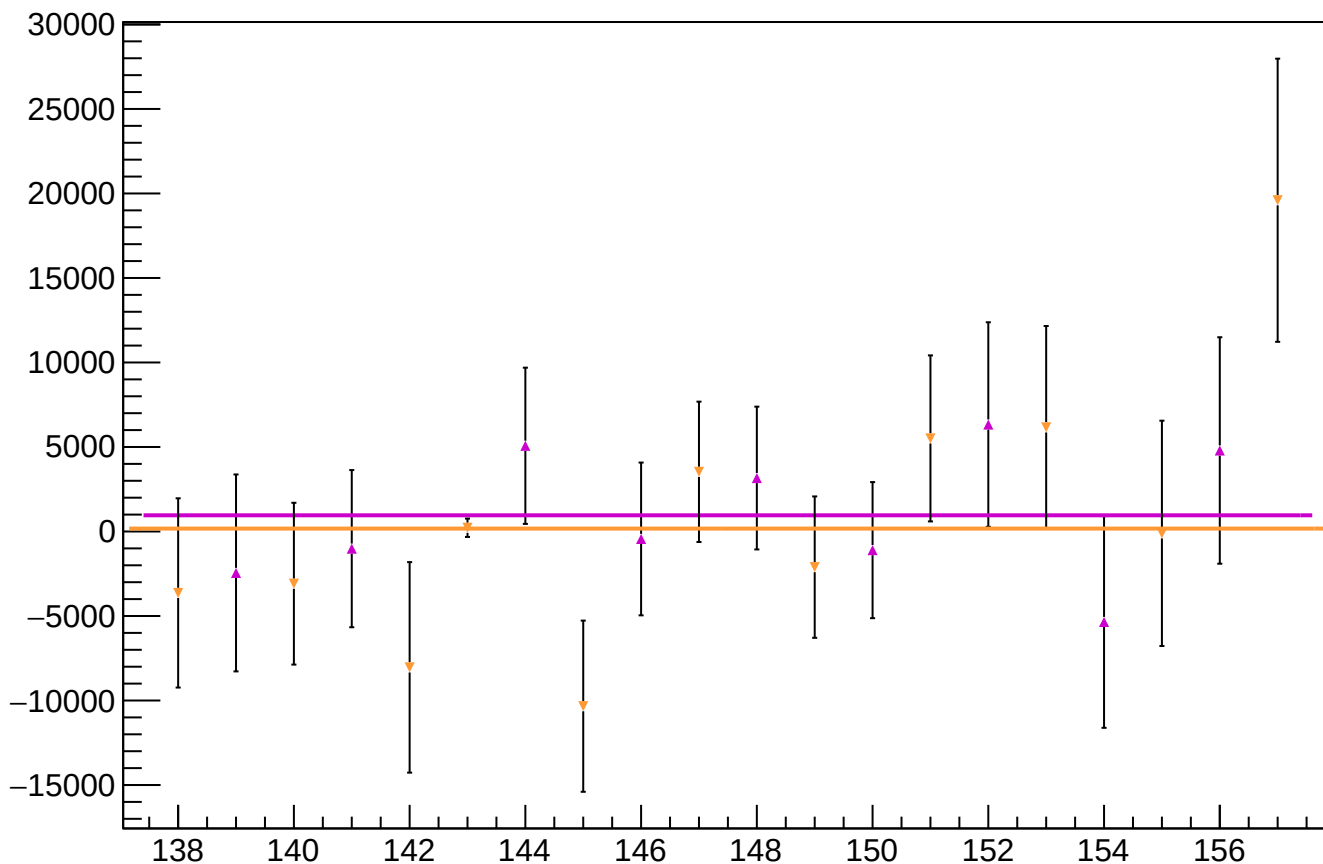
Left In: 1925.367+/-0.501 χ^2/NDF : 35847.7/8

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

All: 1858.343+/-0.246 χ^2/NDF : 1301678.6/55

- sign 1850.144+/-0.348 χ^2/NDF : 507687.6/27

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

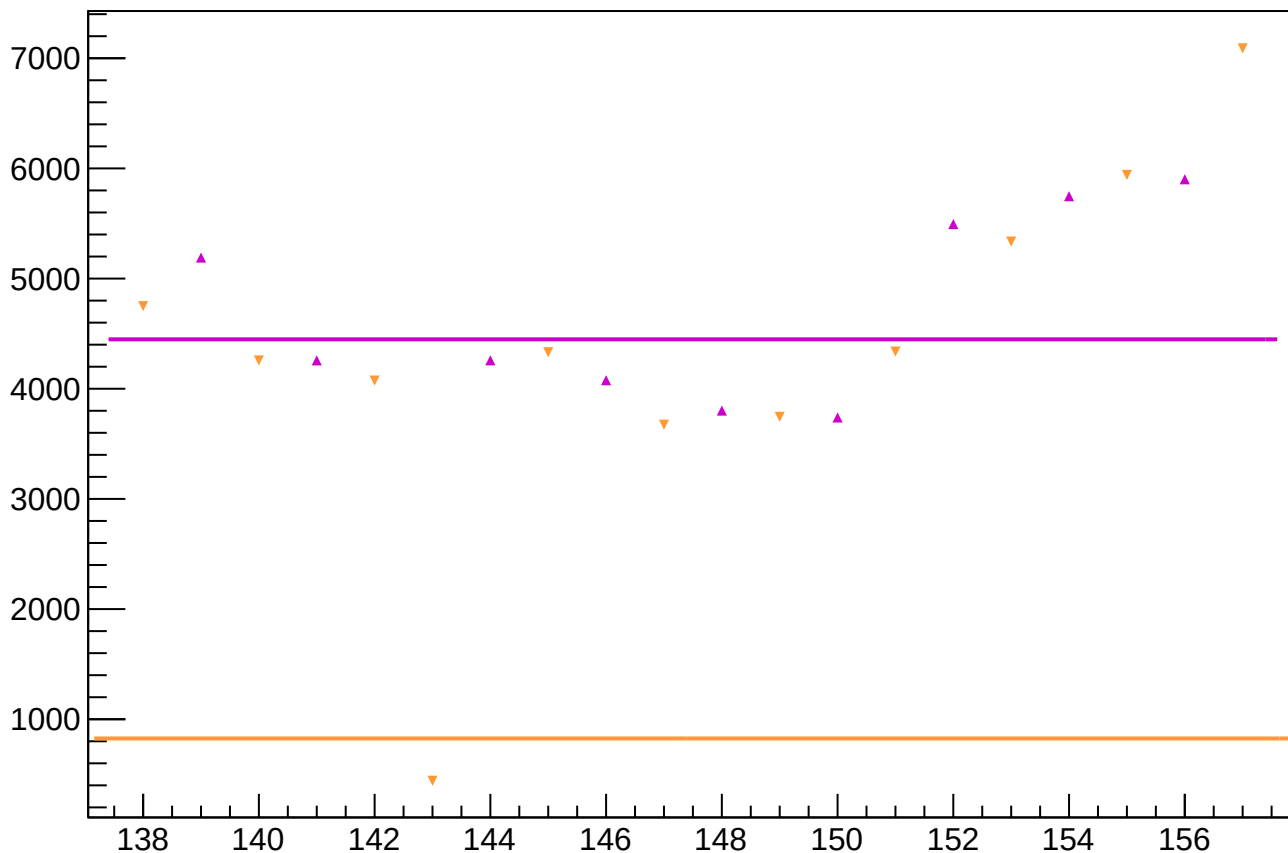
Left In: 957.649+/-1656.826 χ^2/NDF :4.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.831+/-492.768 χ^2/NDF : 19.8/19

- 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

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

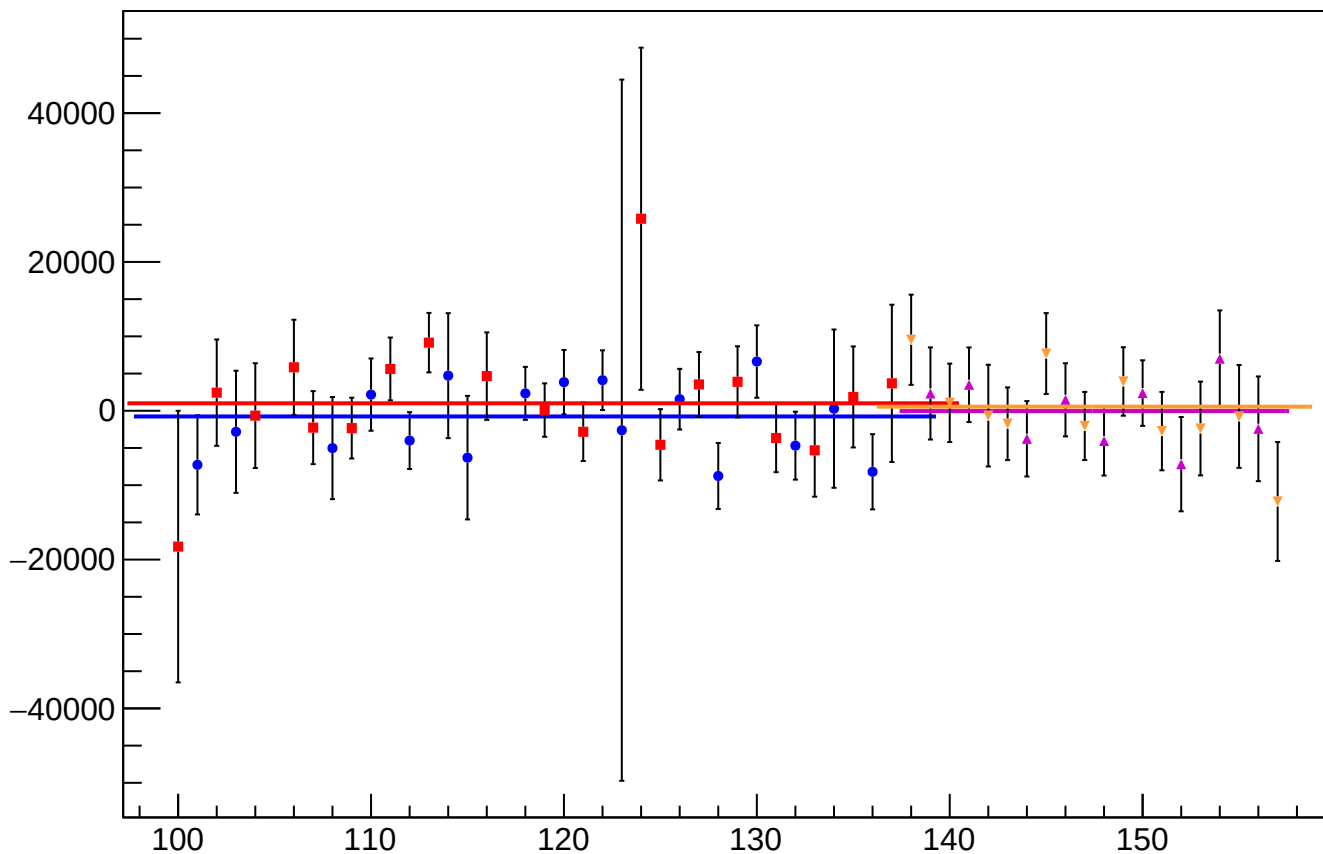
Left In: 4448.650+/-1.172 χ^2/NDF :401551.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1146.162+/-0.348 χ^2/NDF : 19995535.8/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



Right In: -765.107 ± 1247.704 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

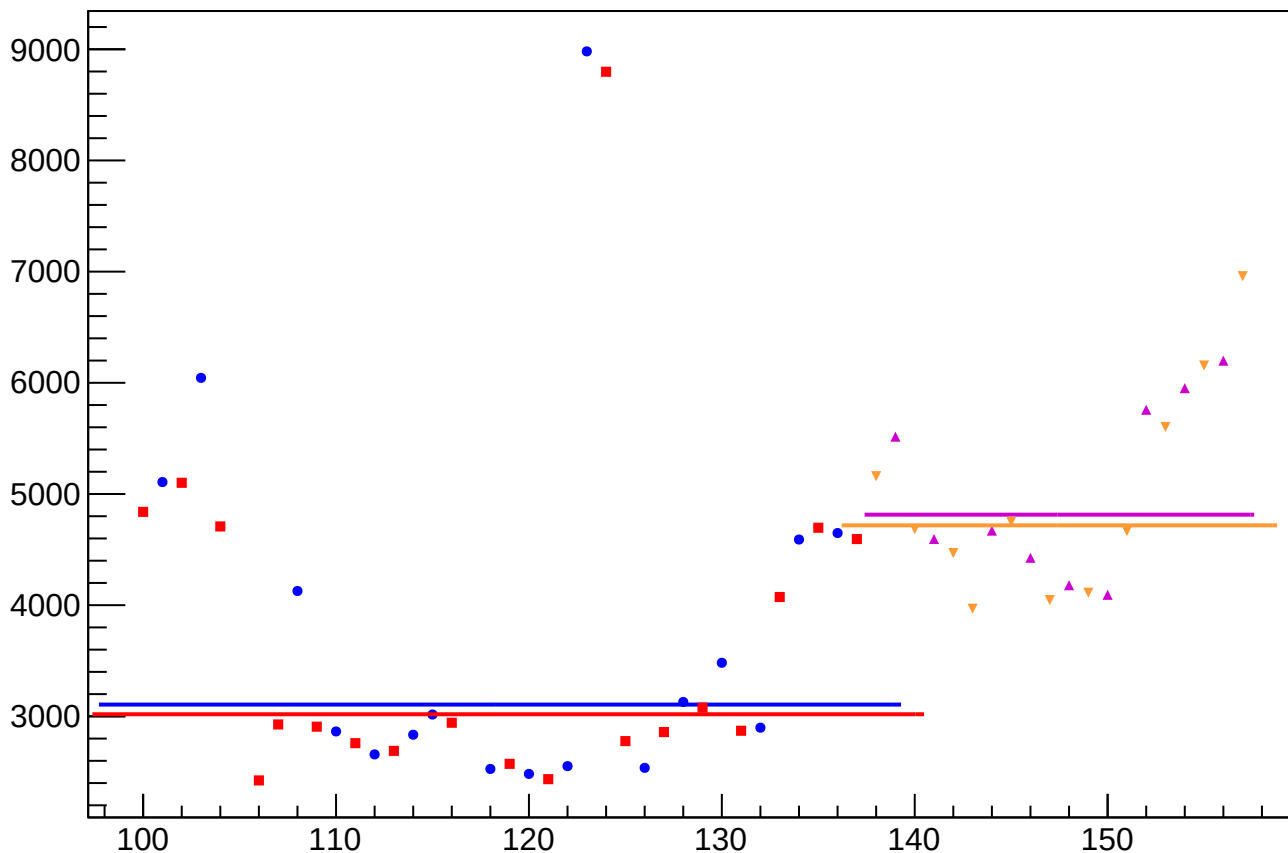
Left In: -38.358 ± 1787.717 χ^2/NDF : 4.9/8

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

All: 198.515 ± 704.746 χ^2/NDF : 44.8/55

- sign 684.082 ± 991.246 χ^2/NDF : 20.1/27

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

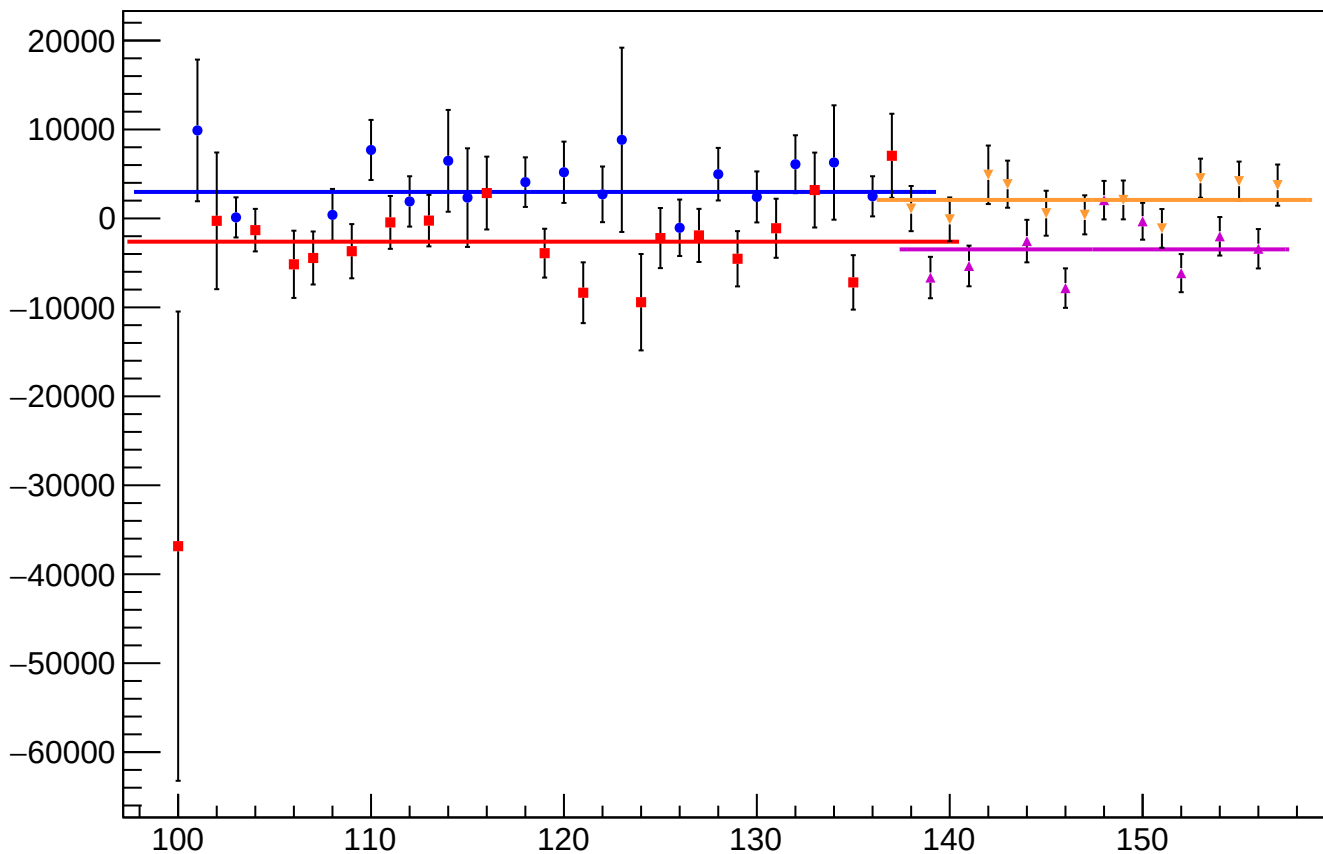
Left In: 4814.082+/-1.264 χ^2/NDF : 317580.3/8

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

All: 3618.423+/-0.496 χ^2/NDF : 5100175.8/55

- sign 3561.200+/-0.695 χ^2/NDF : 2519456.3/27

dit_asym_atr_avg_mean vs Slug



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

Left Out: 2078.876+/-717.663 χ^2/NDF : 7.9/10

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

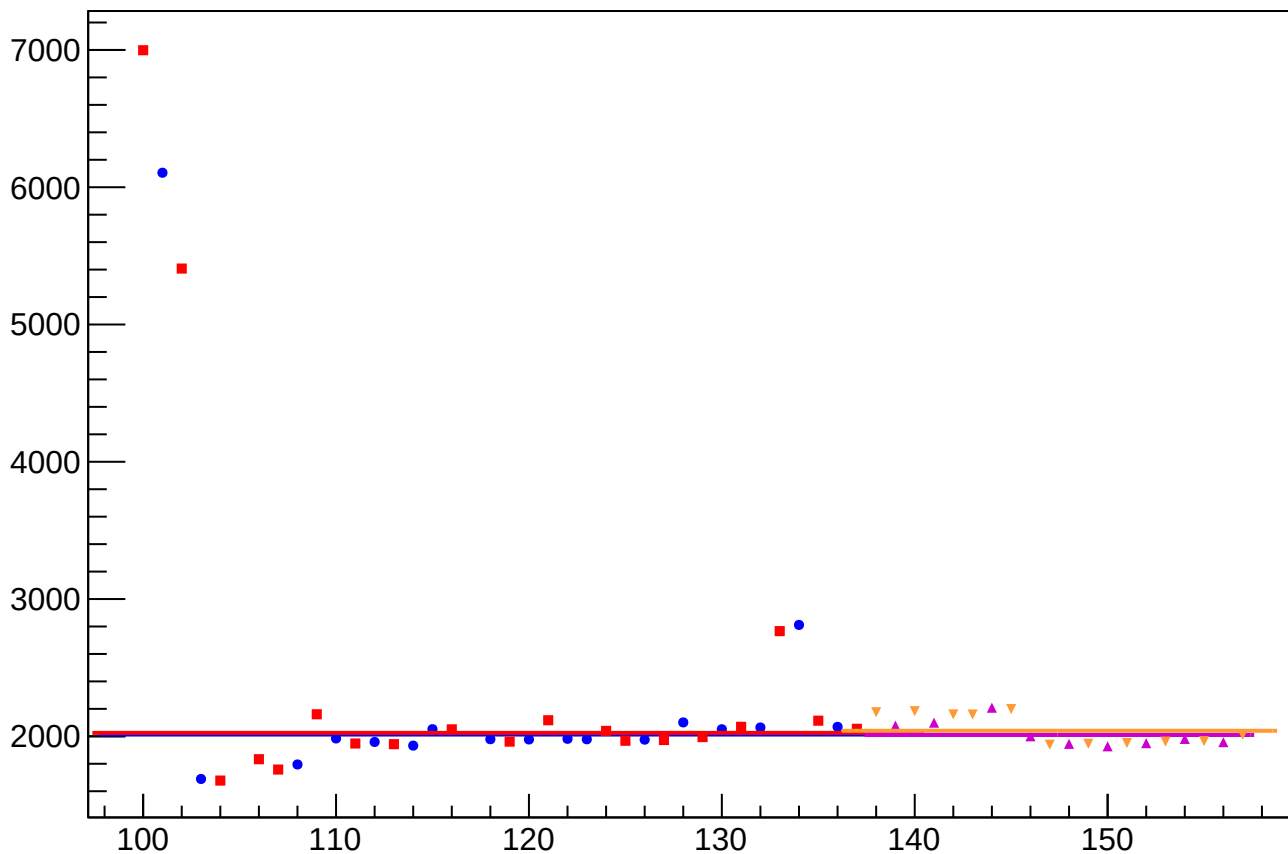
Left In: -3478.810+/-738.051 χ^2/NDF : 17.4/8

+ sign 2482.566+/-532.833 χ^2/NDF : 18.5/27

All: -272.352+/-378.284 χ^2/NDF : 110.0/55

- sign -3072.008+/-537.142 χ^2/NDF : 37.7/27

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

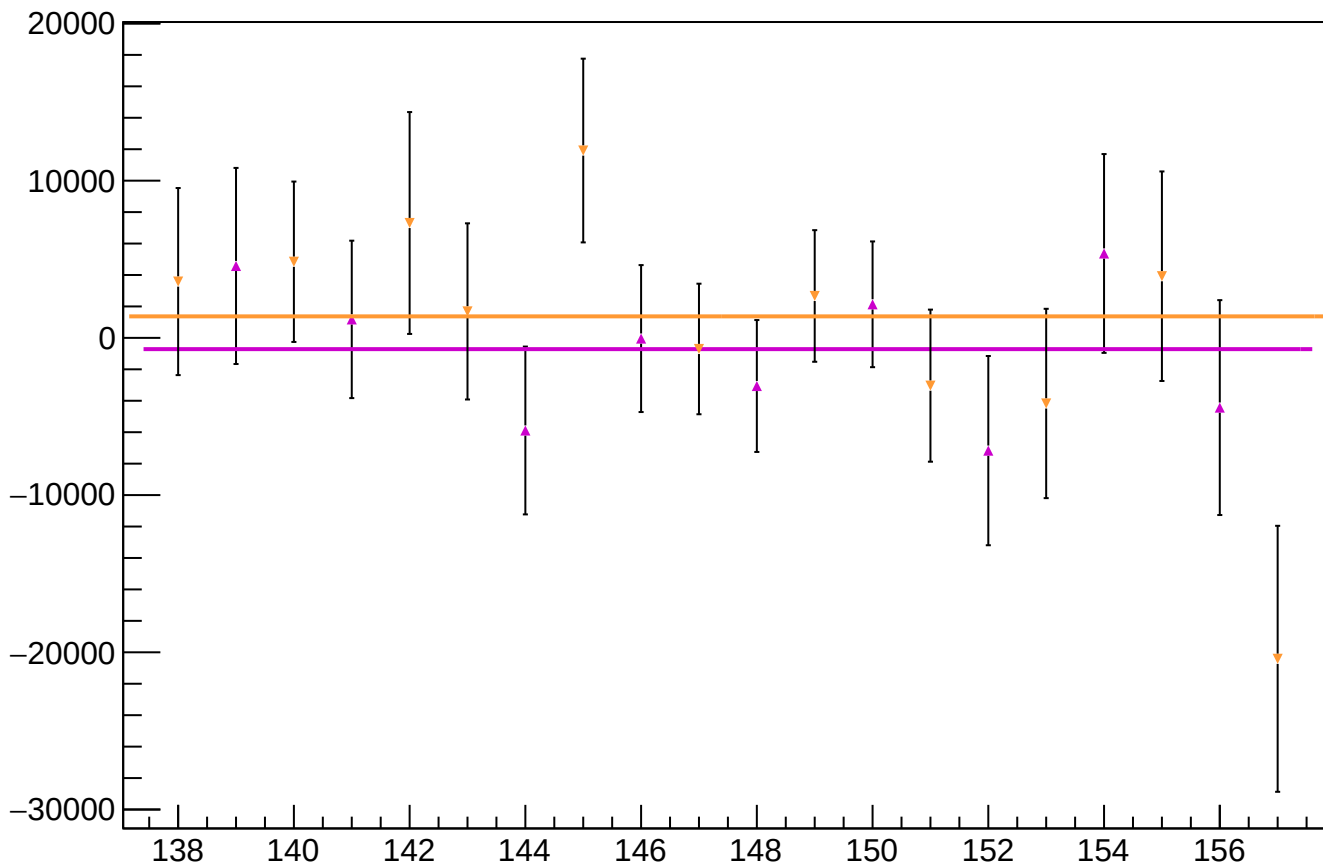
Left In: 2009.638 $\pm$ 0.522 χ^2 /NDF:26619.4/8

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

All: 2022.522 $\pm$ 0.267 χ^2 /NDF: 1287430.4/55

- sign 2016.899 $\pm$ 0.380 χ^2 /NDF: 624453.3/27

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

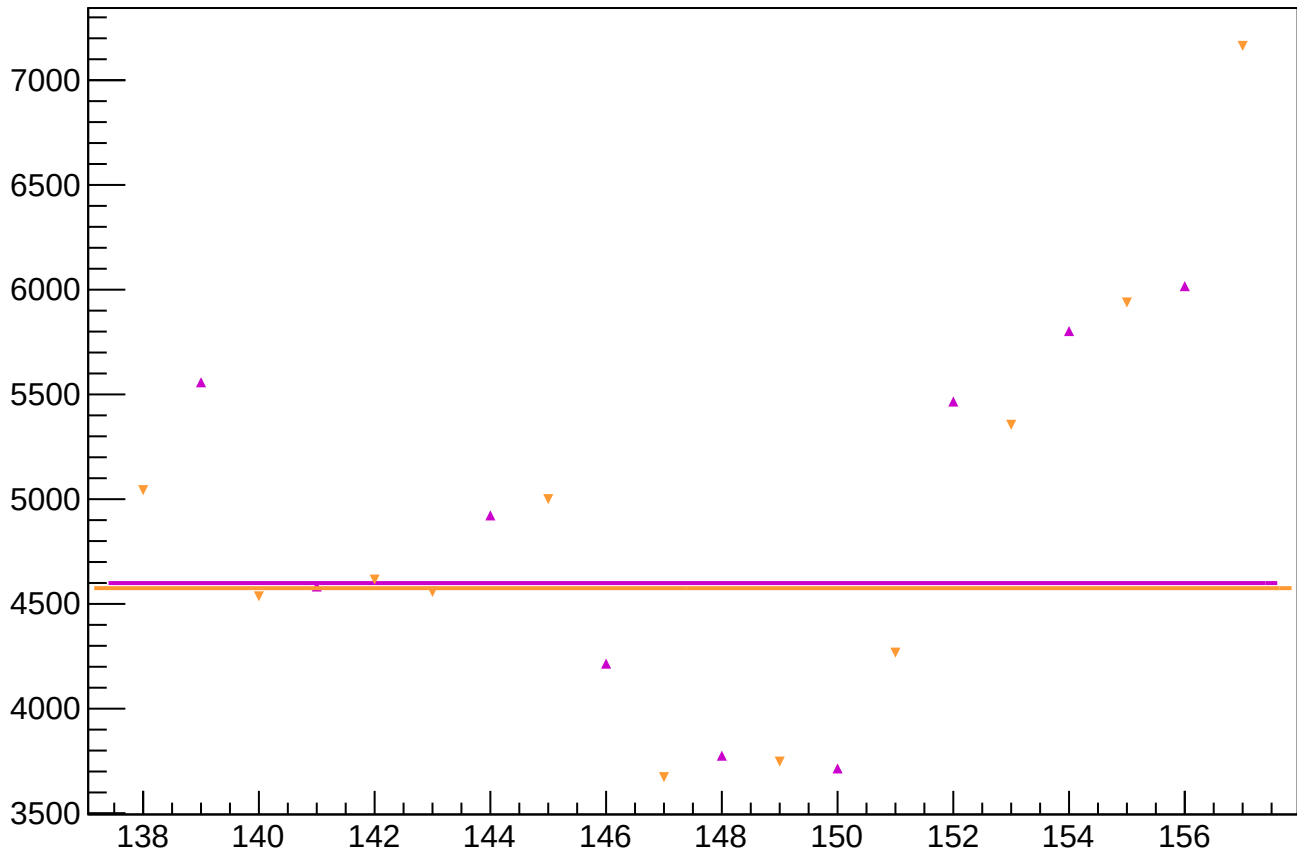
Left In: -716.069+/-1715.364 χ^2/NDF :5.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.925+/-1187.086 χ^2/NDF : 19.2/19

- 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

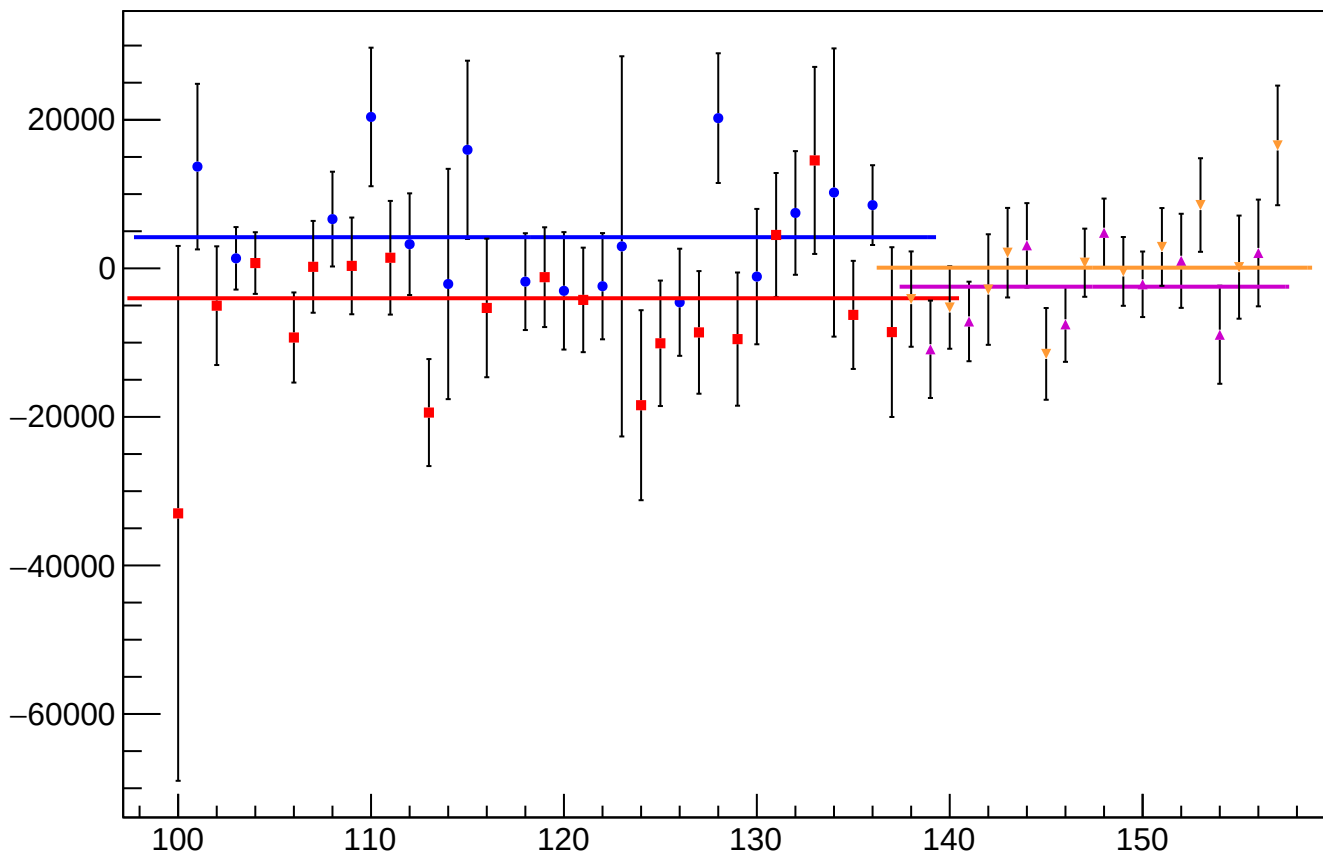
Left In: 4599.447+/-1.213 χ^2/NDF : 443046.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4586.832+/-0.839 χ^2/NDF : 951697.6/19

- 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

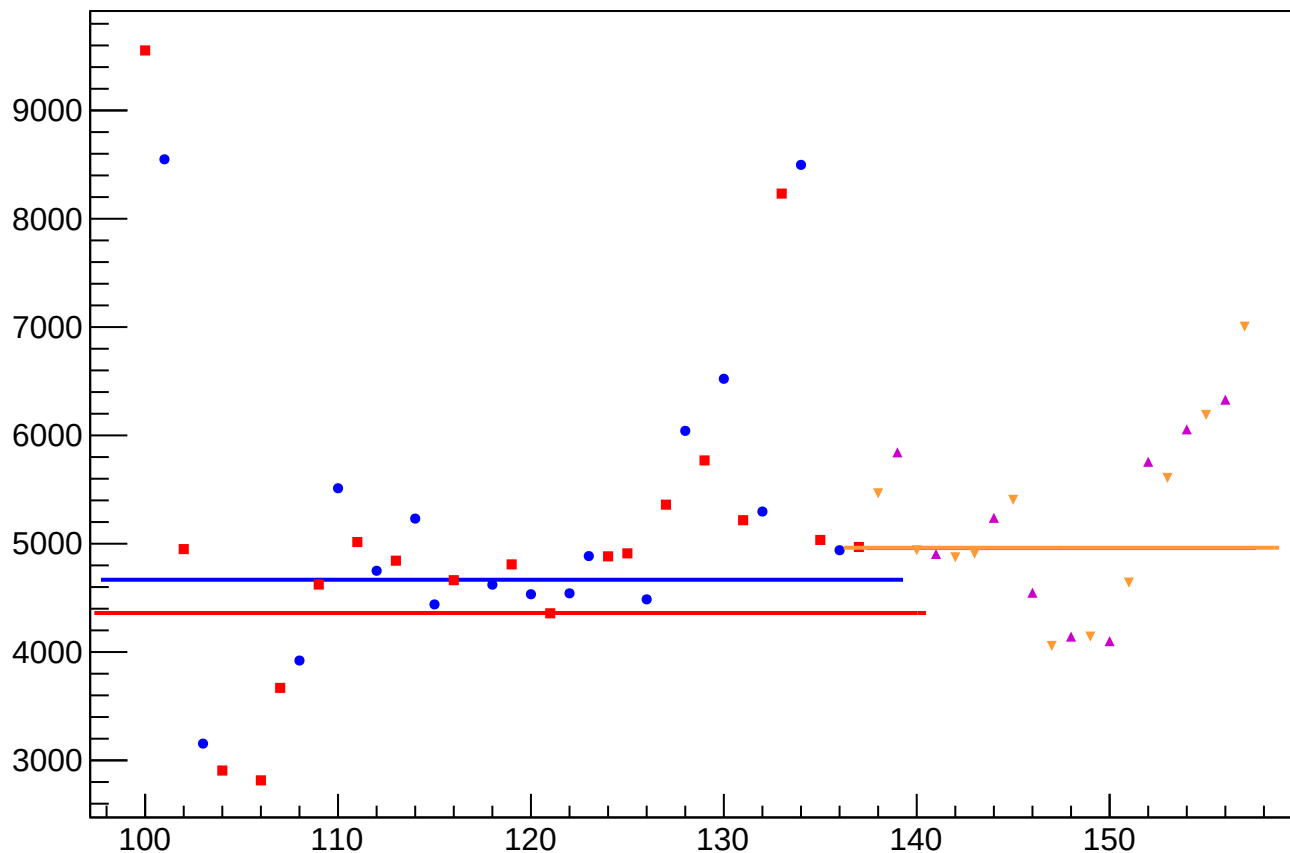
Left In: -2467.425+/-1844.046 χ^2/NDF : 8.5/8

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

All: -670.544+/-897.984 χ^2/NDF : 60.7/55

- sign -3297.321+/-1259.817 χ^2/NDF : 23.8/27

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

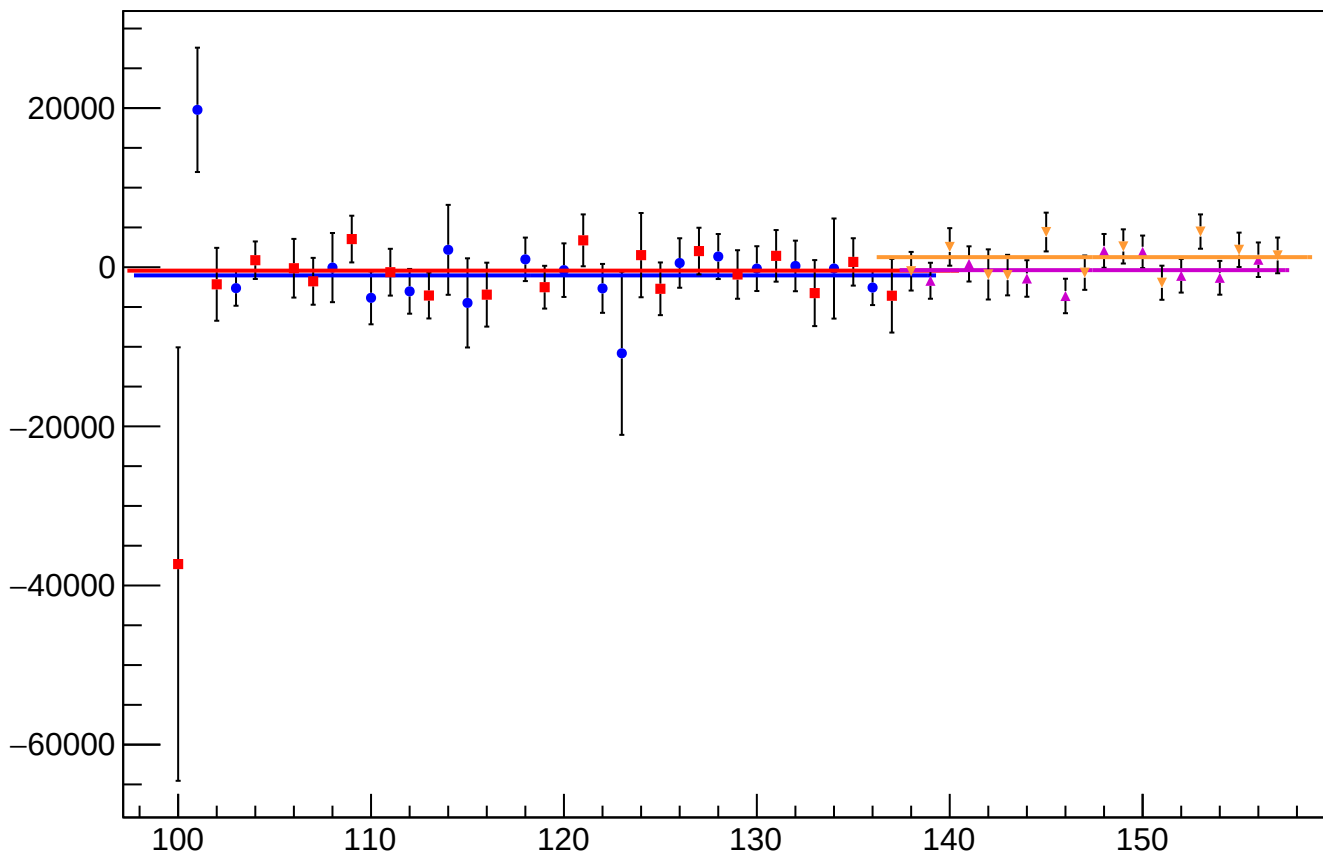
Left In: 4960.050+/-1.304 χ^2/NDF : 352905.1/8

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

All: 4728.848+/-0.634 χ^2/NDF : 2507425.4/55

- sign 4638.648+/-0.888 χ^2/NDF : 1298968.6/27

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

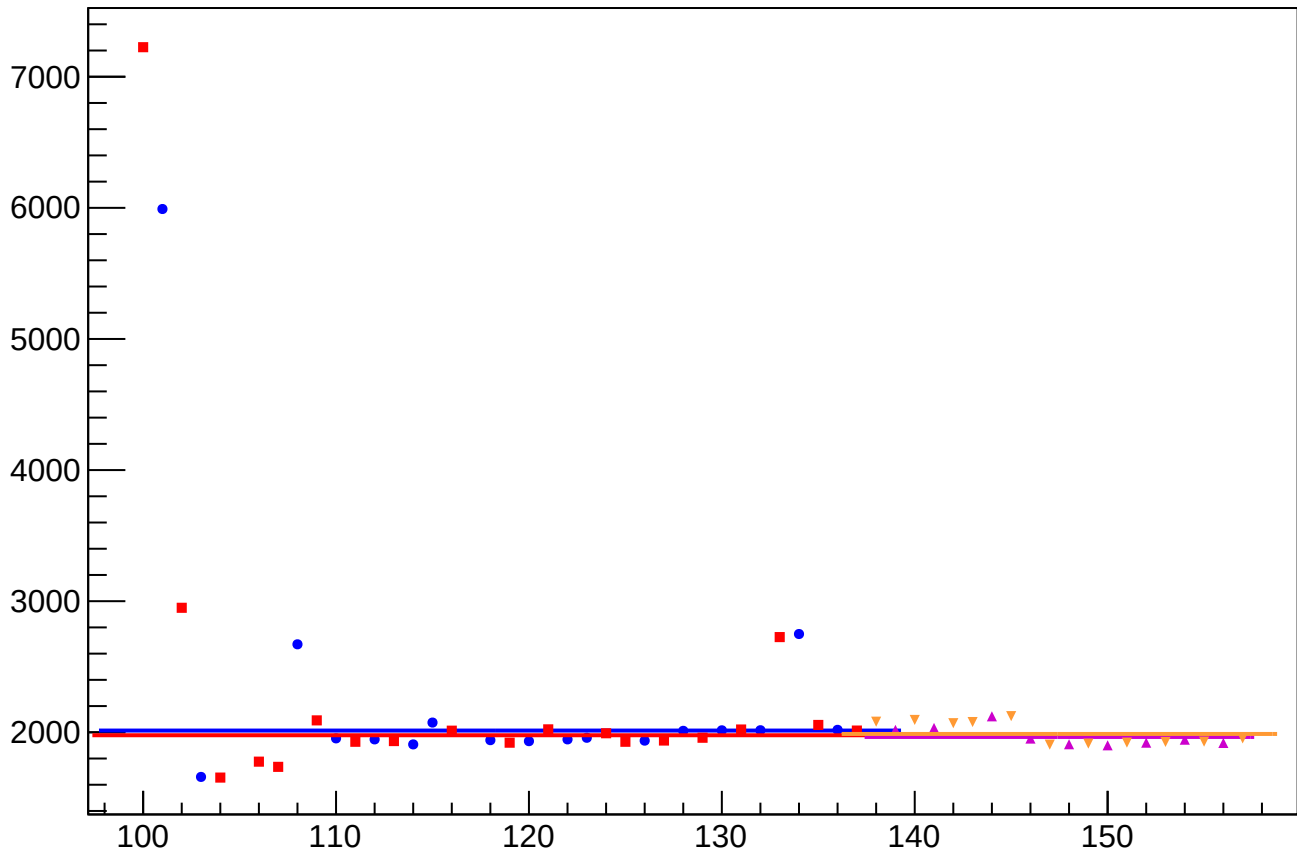
Left In: -366.407 ± 721.248 χ^2/NDF : 6.2/8

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

All: -64.057 ± 370.745 χ^2/NDF : 45.1/55

- sign -395.791 ± 523.429 χ^2/NDF : 16.9/27

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

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

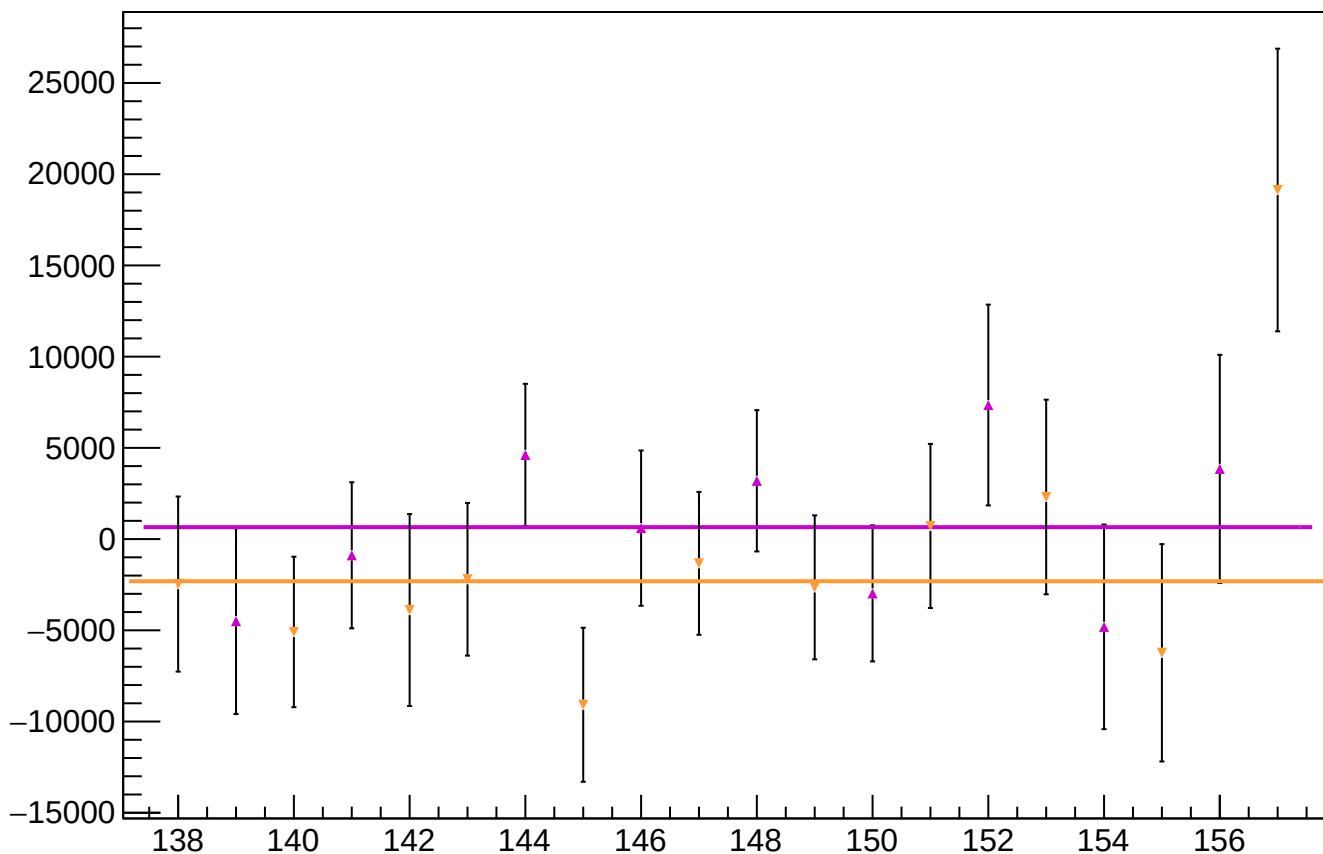
Right Out: 1977.545+/-0.537 χ^2/NDF : 294899.1/18

All: 1984.625+/-0.262 χ^2/NDF : 994849.8/55

- sign 1970.729+/-0.370 χ^2/NDF : 312984.1/27

Left In: 1964.590+/-0.510 χ^2/NDF : 17779.2/8

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

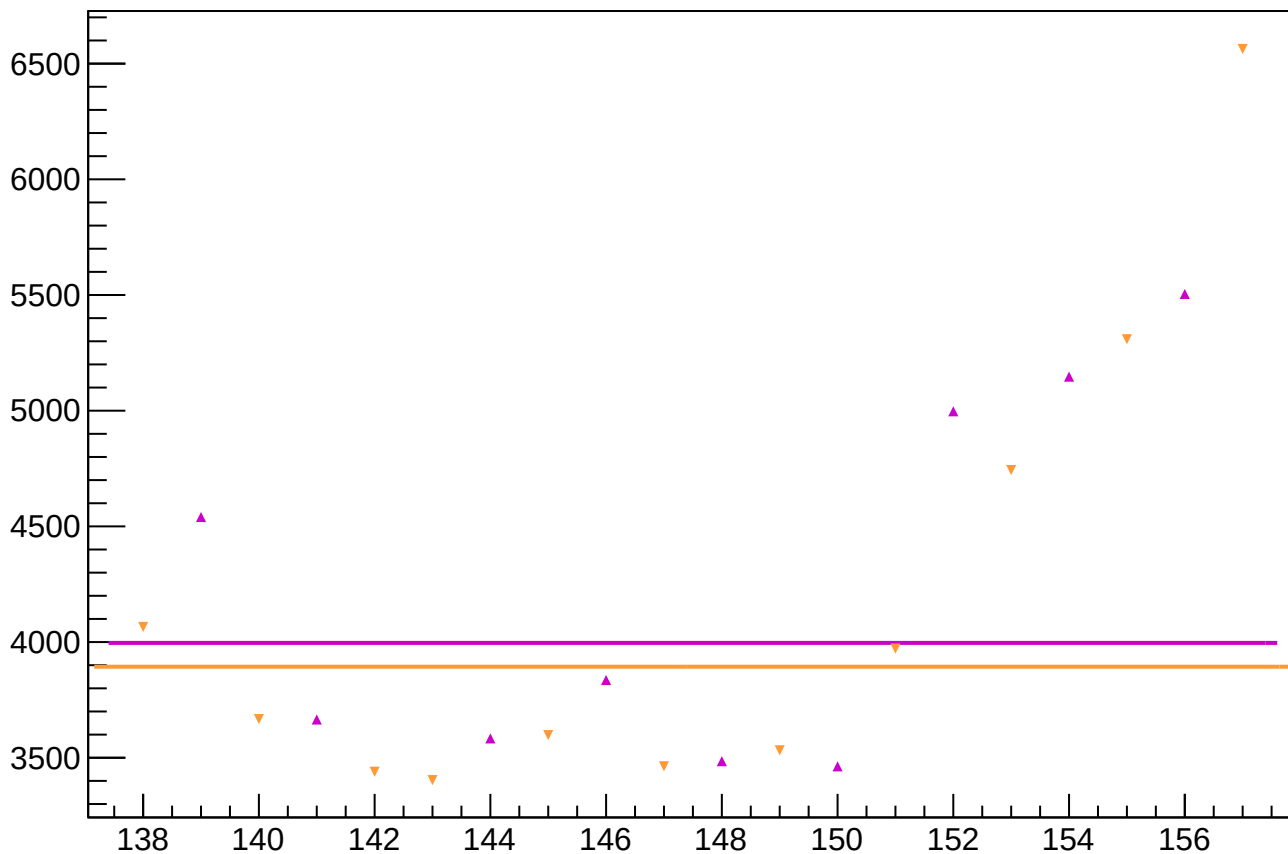
Left In: 654.836+/-1488.935 χ^2/NDF :6.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -918.698+/-1019.842 χ^2/NDF : 20.9/19

- 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

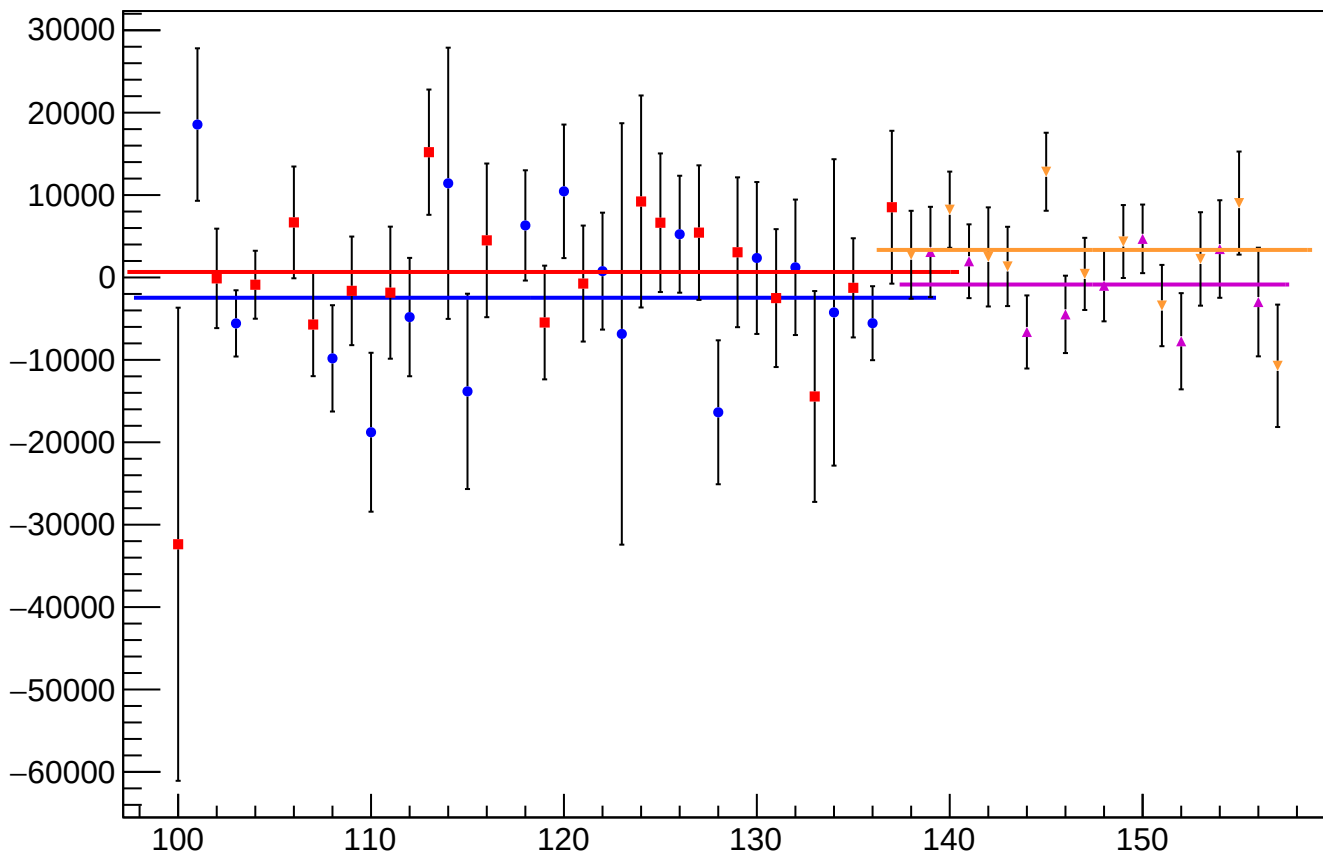
Left In: 3996.402+/-1.053 χ^2/NDF : 404293.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3941.779+/-0.721 χ^2/NDF : 912891.5/19

- 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

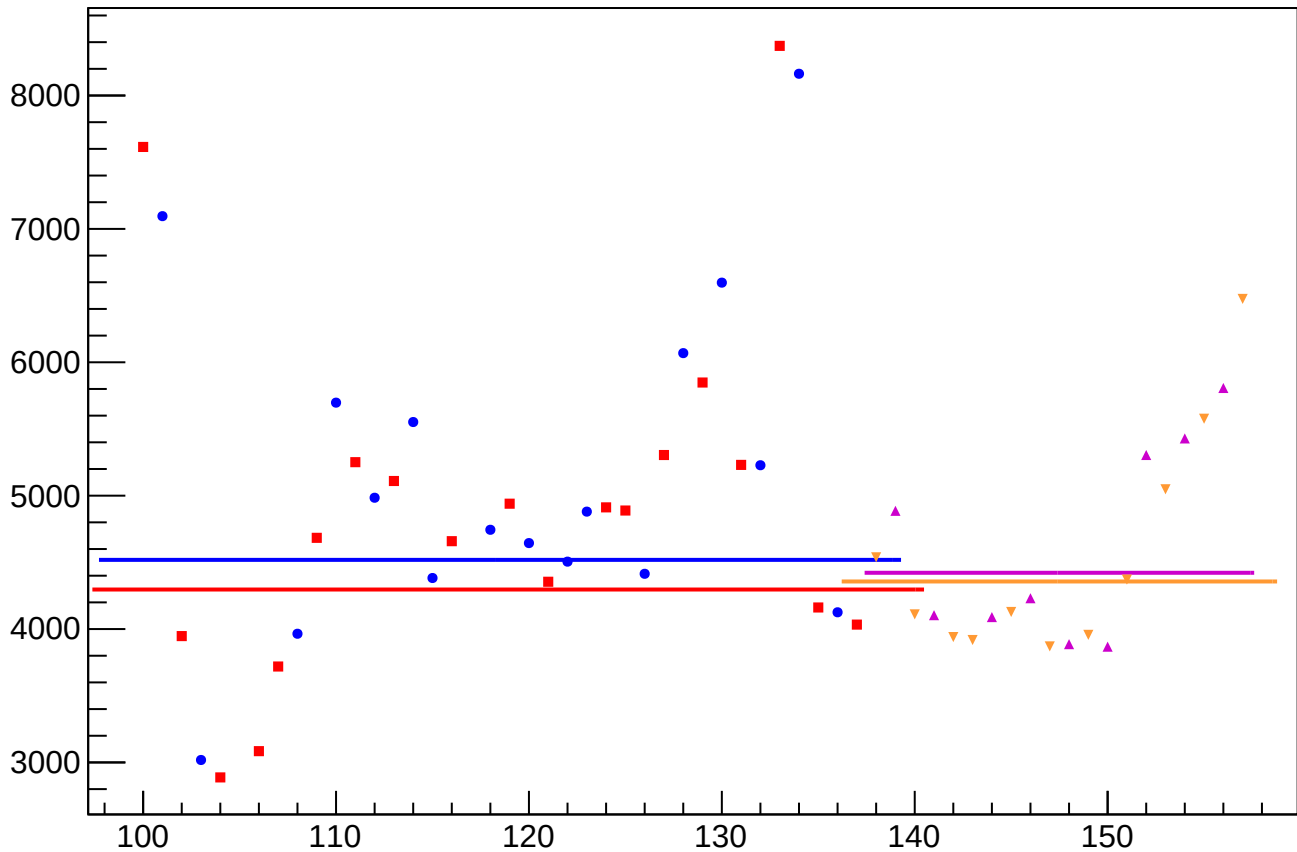
Left In: -856.484+/-1640.415 χ^2/NDF :7.0/8

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

All: 376.516+/-831.043 χ^2/NDF : 58.6/55

- sign -117.737+/-1177.024 χ^2/NDF : 19.3/27

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

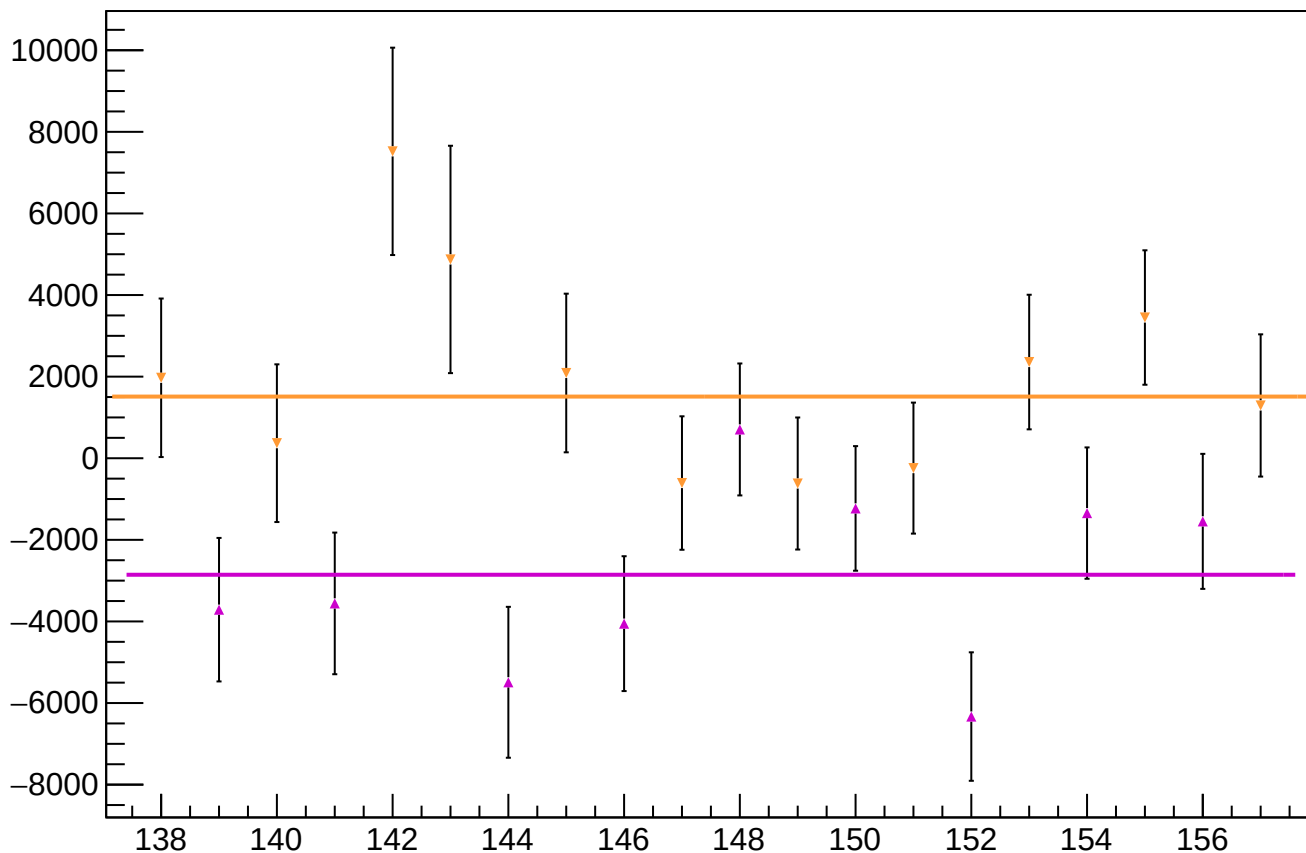
Left In: 4421.863+/-1.160 χ^2/NDF : 297131.5/8

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

All: 4393.212+/-0.587 χ^2/NDF : 2205670.3/55

- sign 4360.633+/-0.830 χ^2/NDF : 1074544.5/27

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

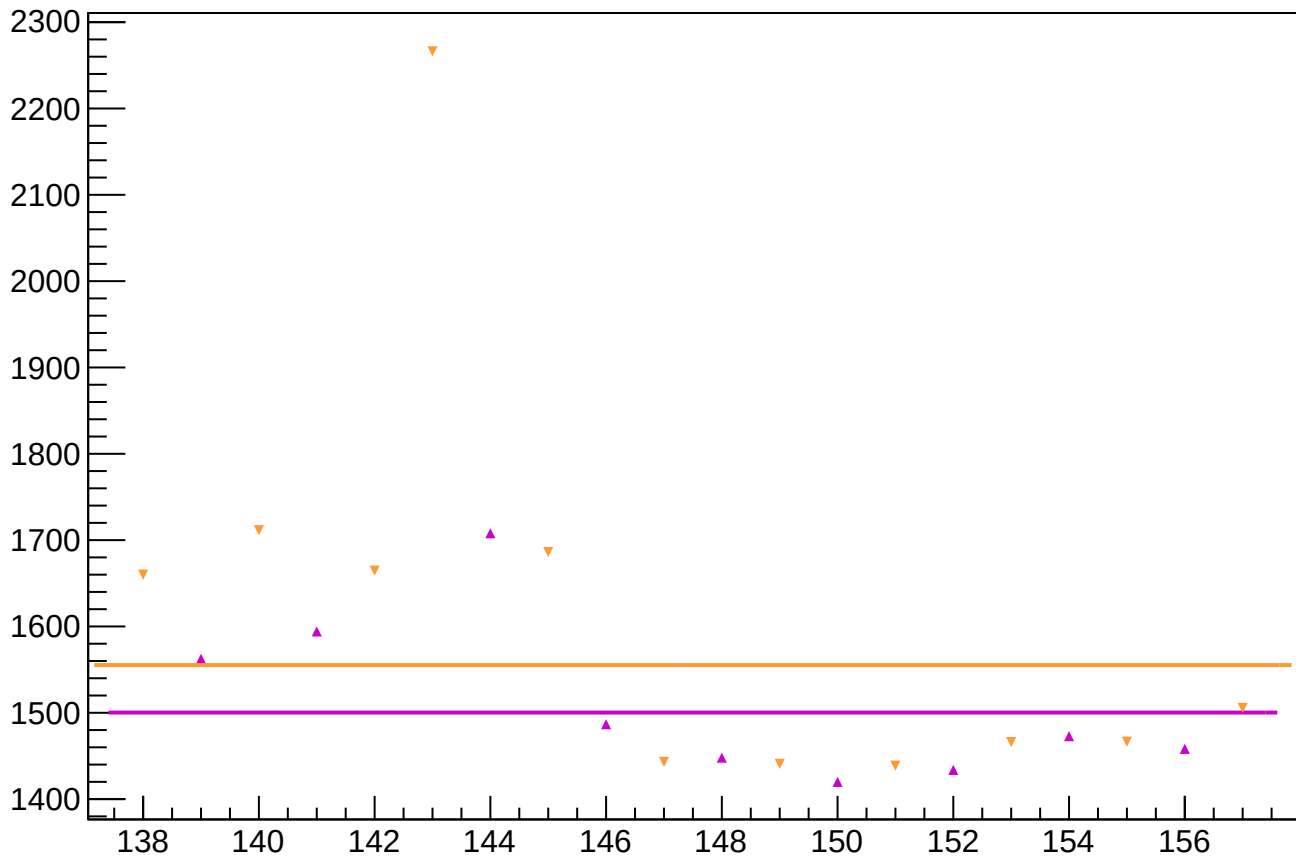
Left In: -2855.838+/-552.186 χ^2/NDF :15.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -668.988+/-390.162 χ^2/NDF : 60.5/19

- 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

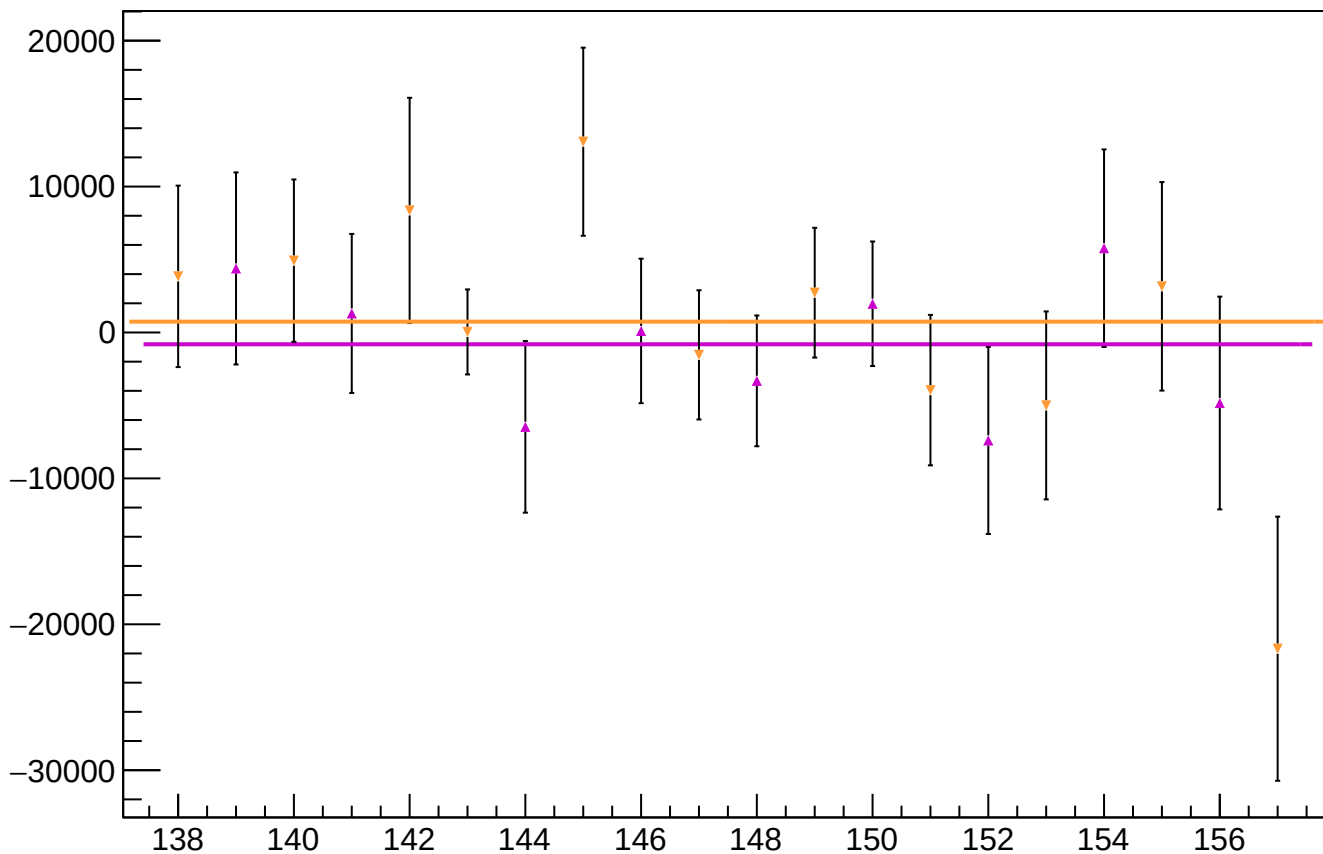
Left In: 1500.264+/-0.390 χ^2/NDF :46768.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1527.817+/-0.276 χ^2/NDF : 261716.9/19

- 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

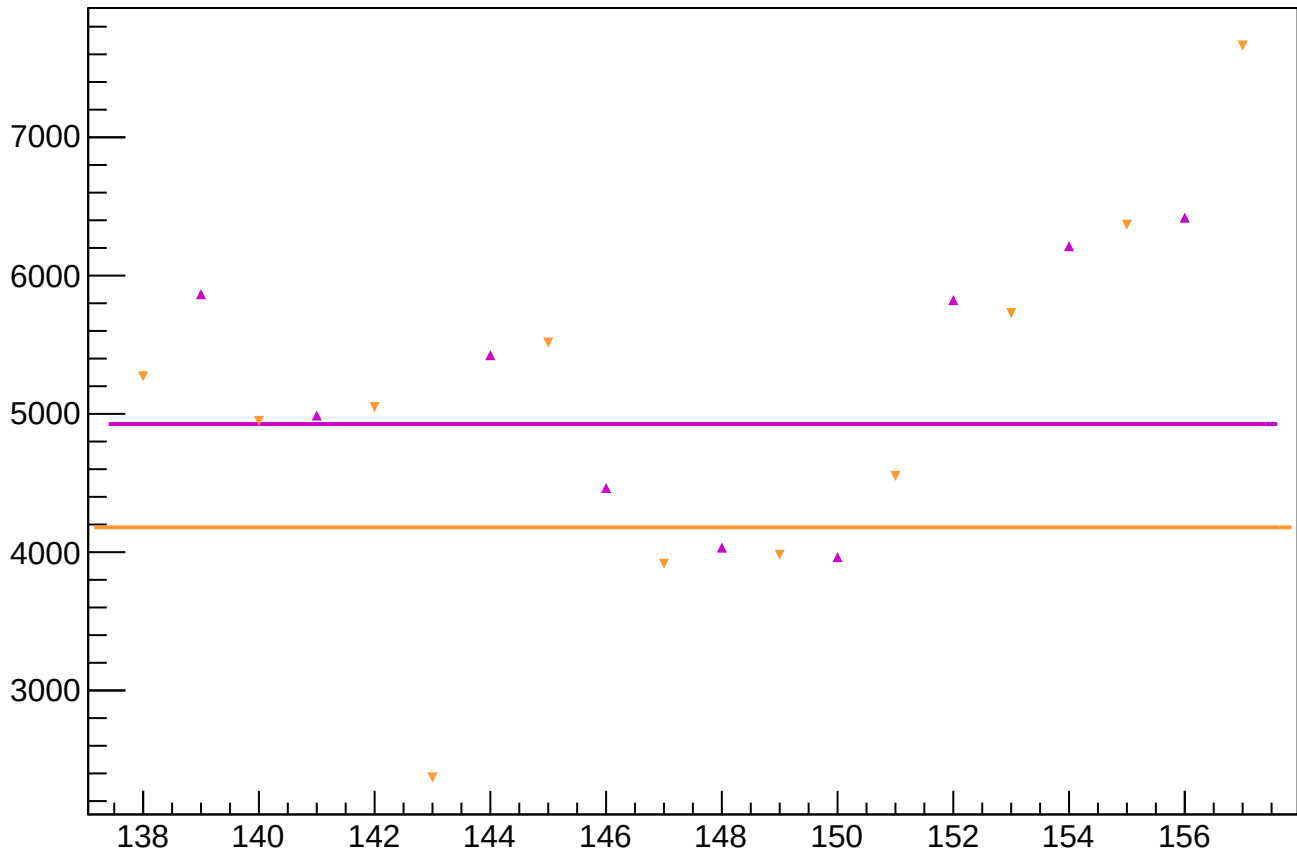
Left In: -808.050+/-1837.641 χ^2/NDF :4.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.917+/-1188.478 χ^2/NDF : 19.0/19

- 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

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

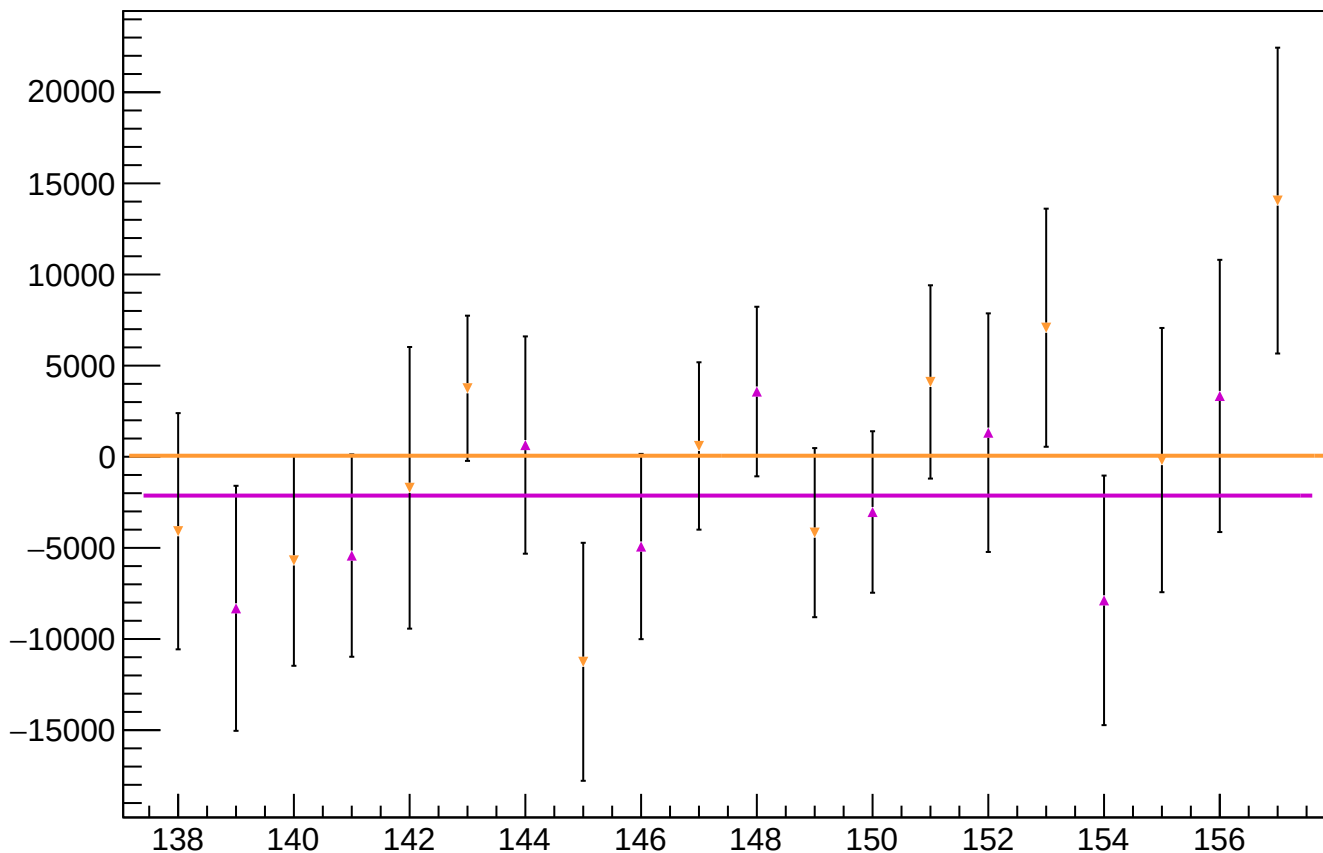
Left In: 4926.456+/-1.299 χ^2/NDF :449045.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4492.020+/-0.840 χ^2/NDF : 2244139.4/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

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

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

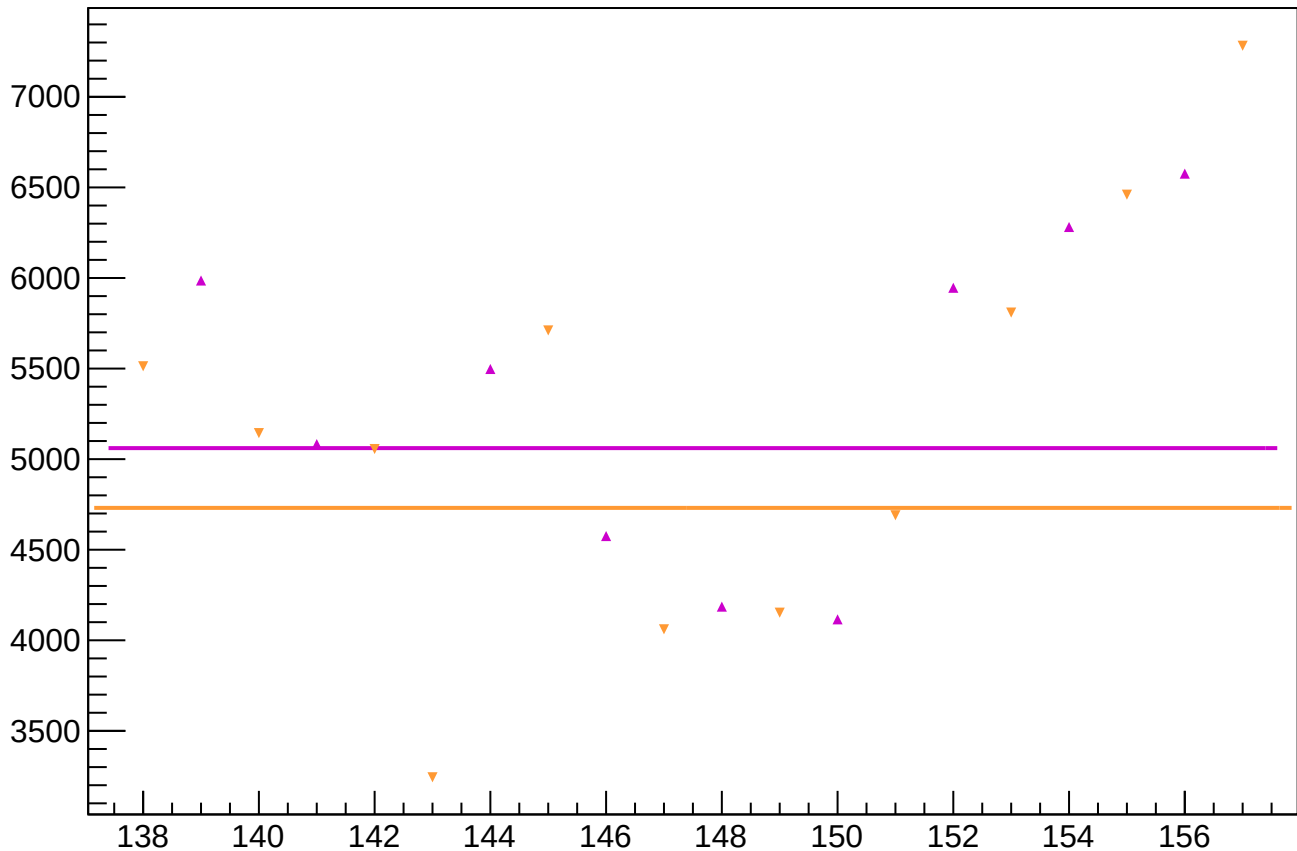
Left In: -2130.650+/-1885.869 χ^2/NDF :4.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -928.633+/-1265.717 χ^2/NDF : 16.2/19

- 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

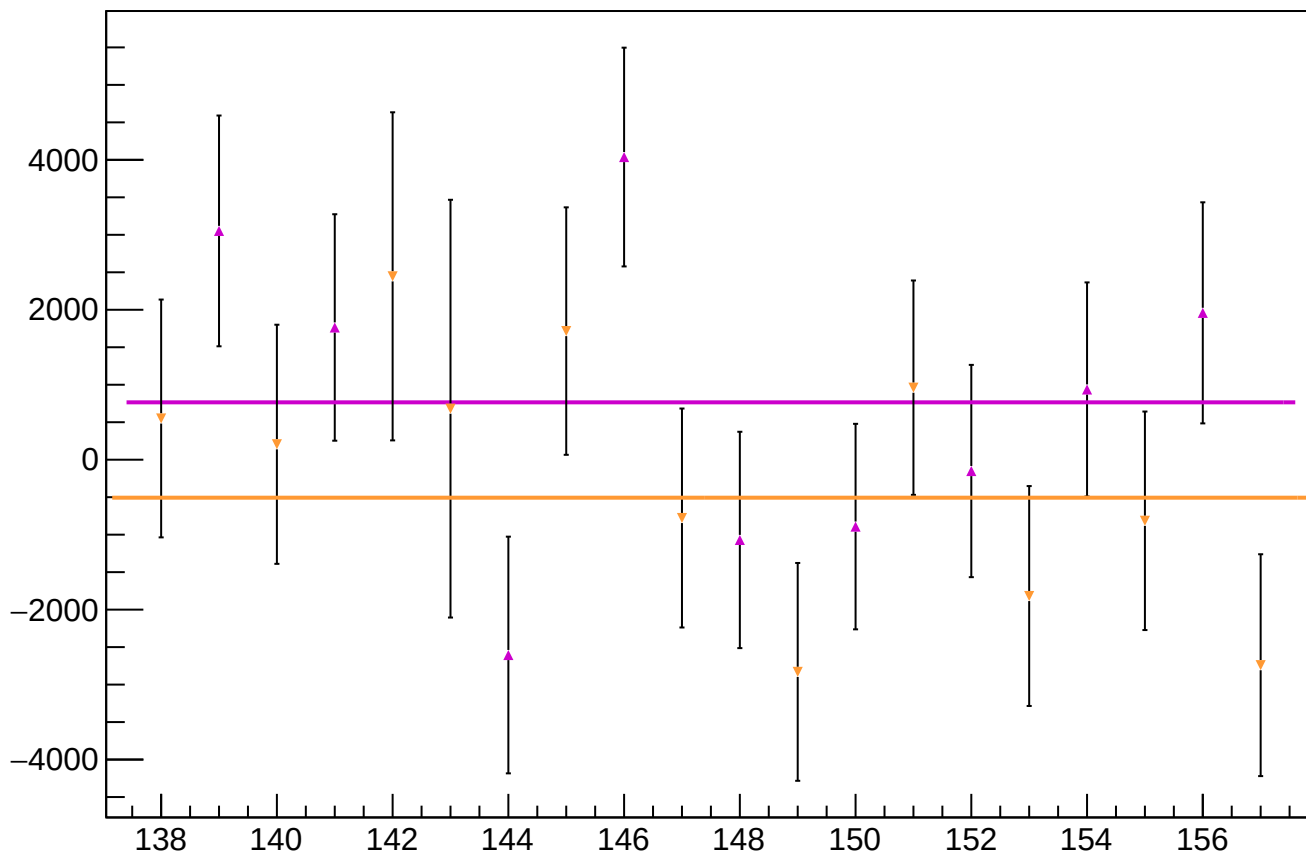
Left In: 5060.895+/-1.334 χ^2/NDF : 411167.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4879.582+/-0.895 χ^2/NDF : 1238270.4/19

- 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

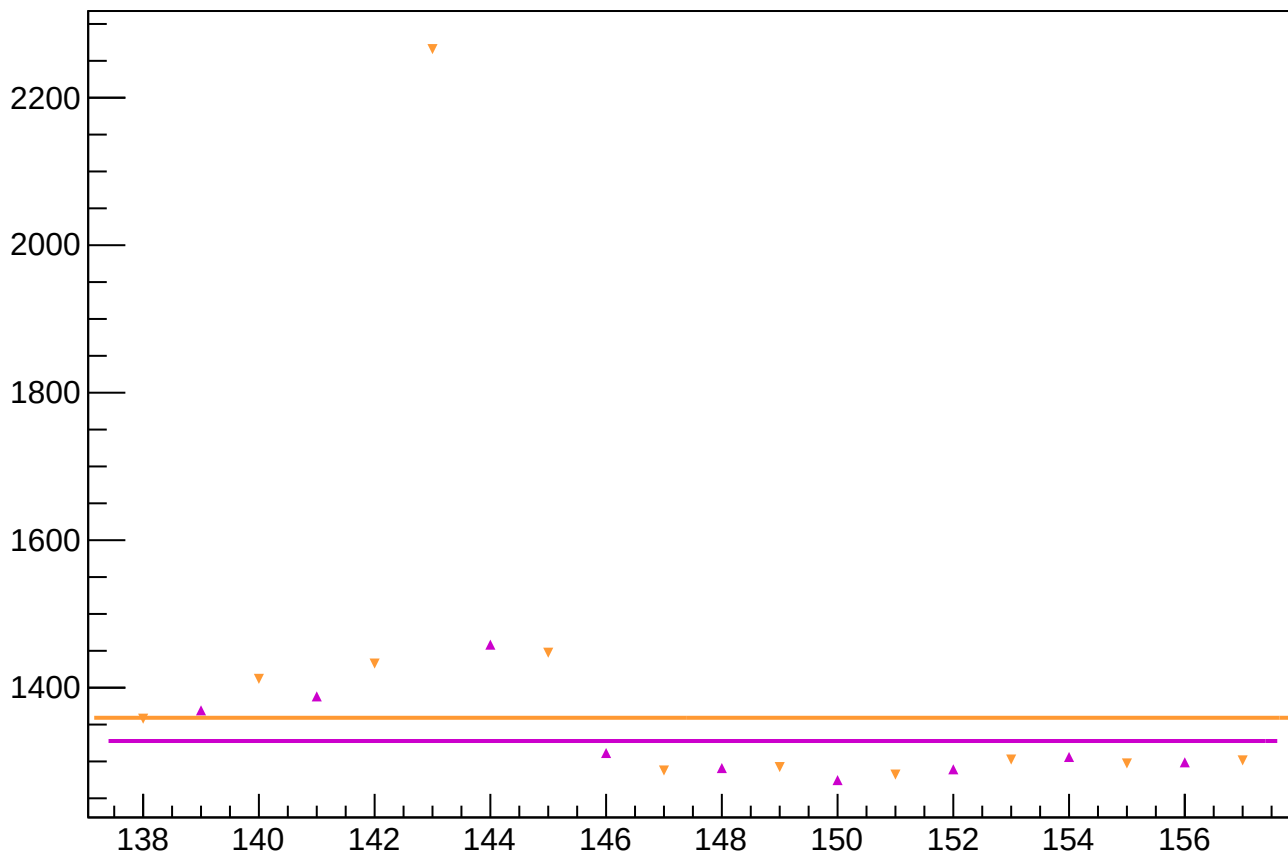
Left In: 765.239+/-488.354 χ^2/NDF : 16.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.820+/-342.751 χ^2/NDF : 31.1/19

- 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

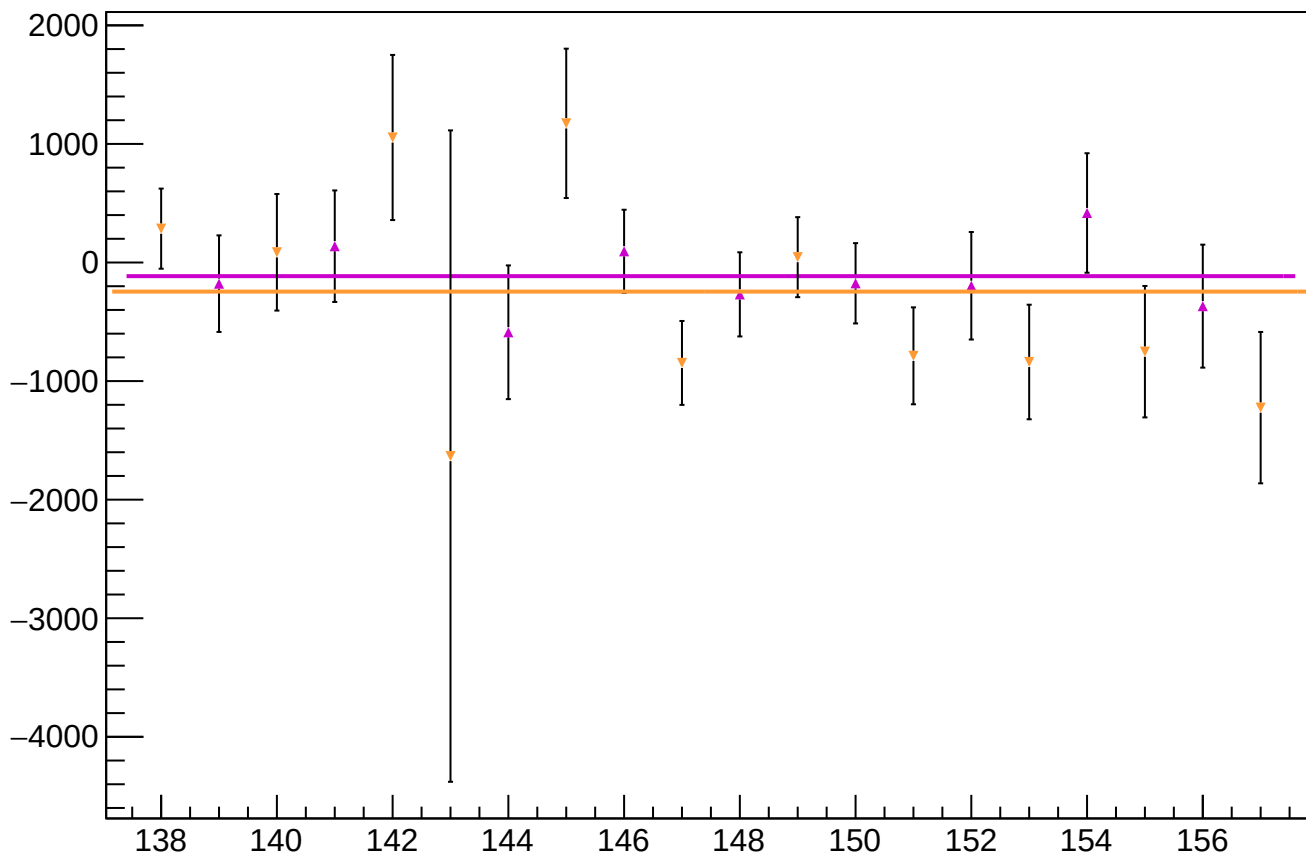
Left In: 1327.710+/-0.345 χ^2/NDF : 25593.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.688+/-0.242 χ^2/NDF : 276226.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -245.246+/-140.898 χ^2/NDF : 21.8/10

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

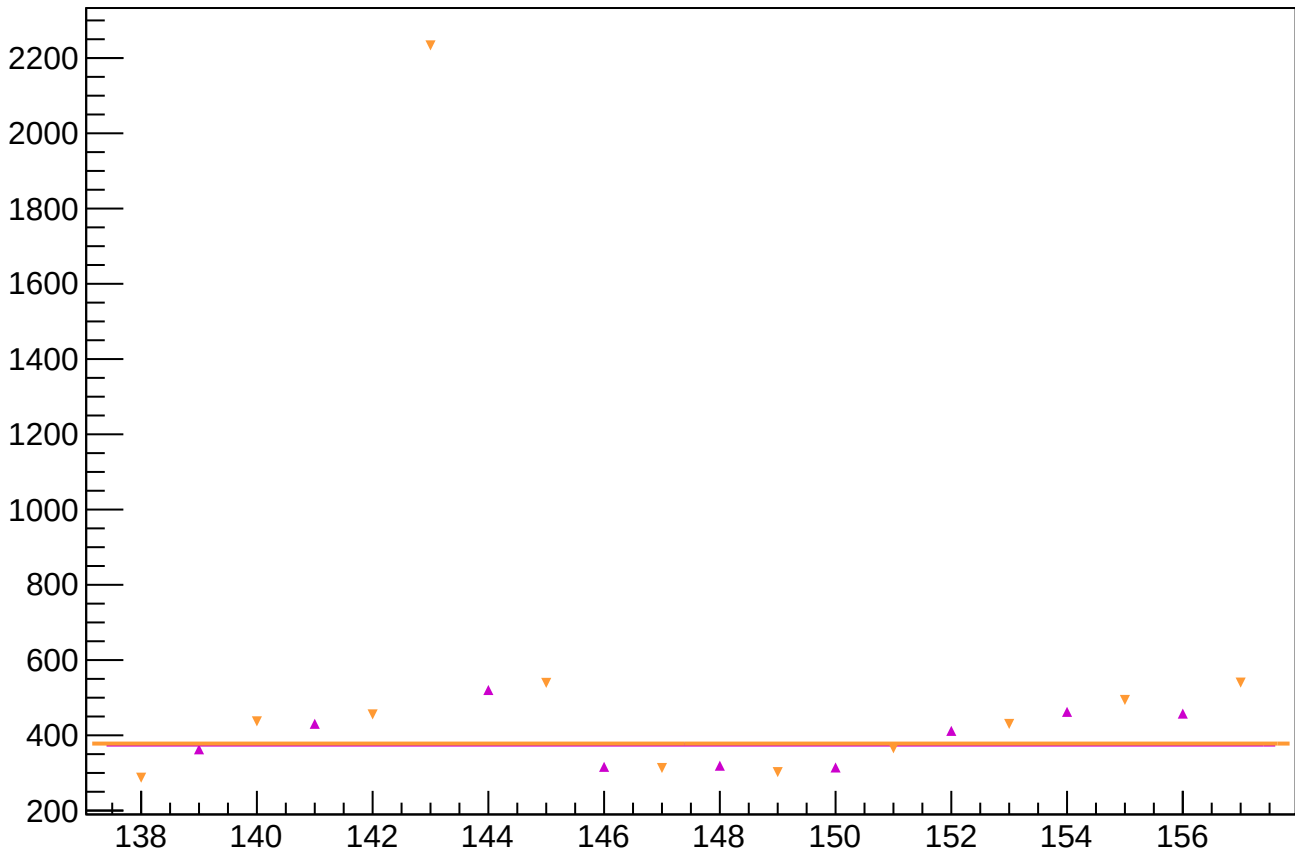
Left In: -115.068+/-139.975 χ^2/NDF : 3.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.729+/-99.302 χ^2/NDF : 25.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 378.050+/-0.100 χ^2/NDF :1651975.2/10

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

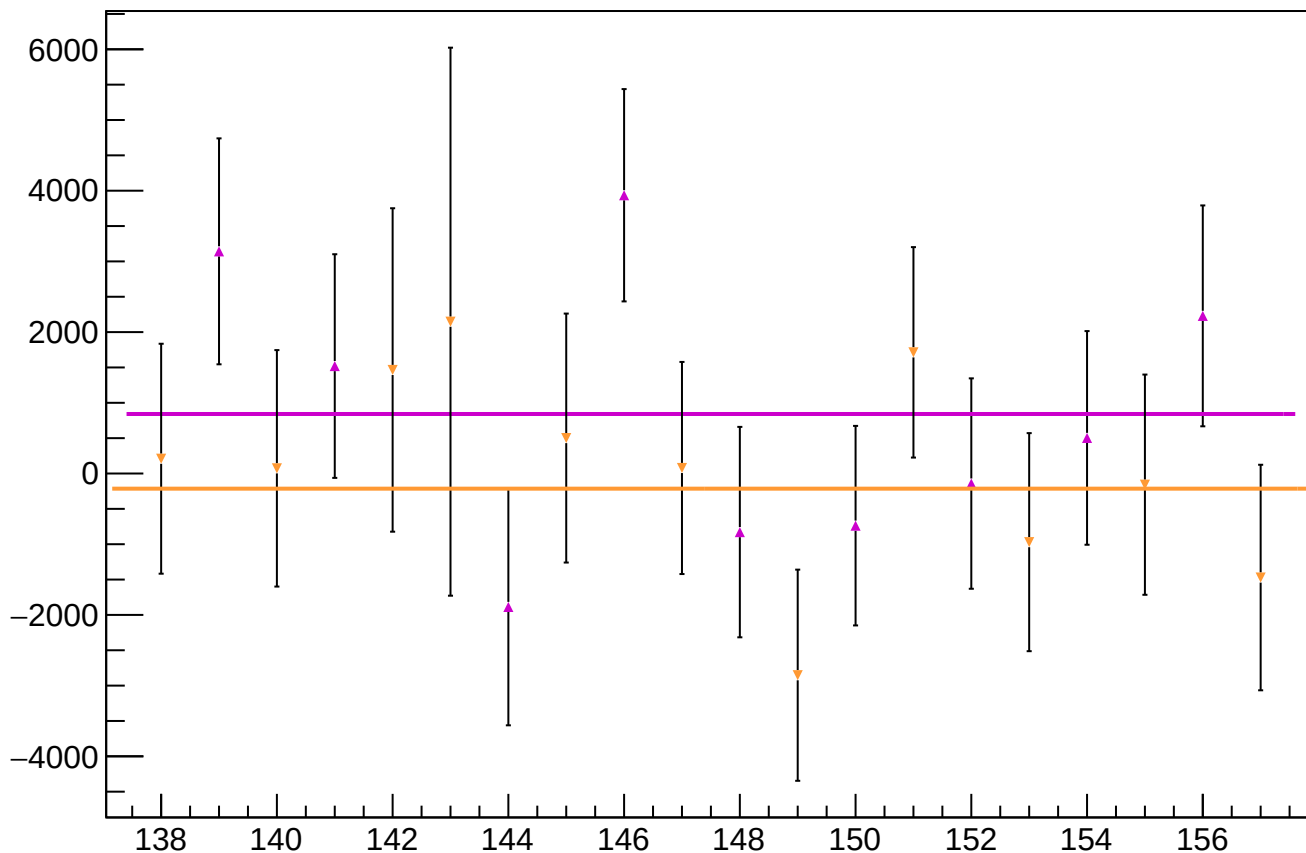
Left In: 375.380+/-0.099 χ^2/NDF :456395.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.706+/-0.070 χ^2/NDF : 2108732.0/19

- 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

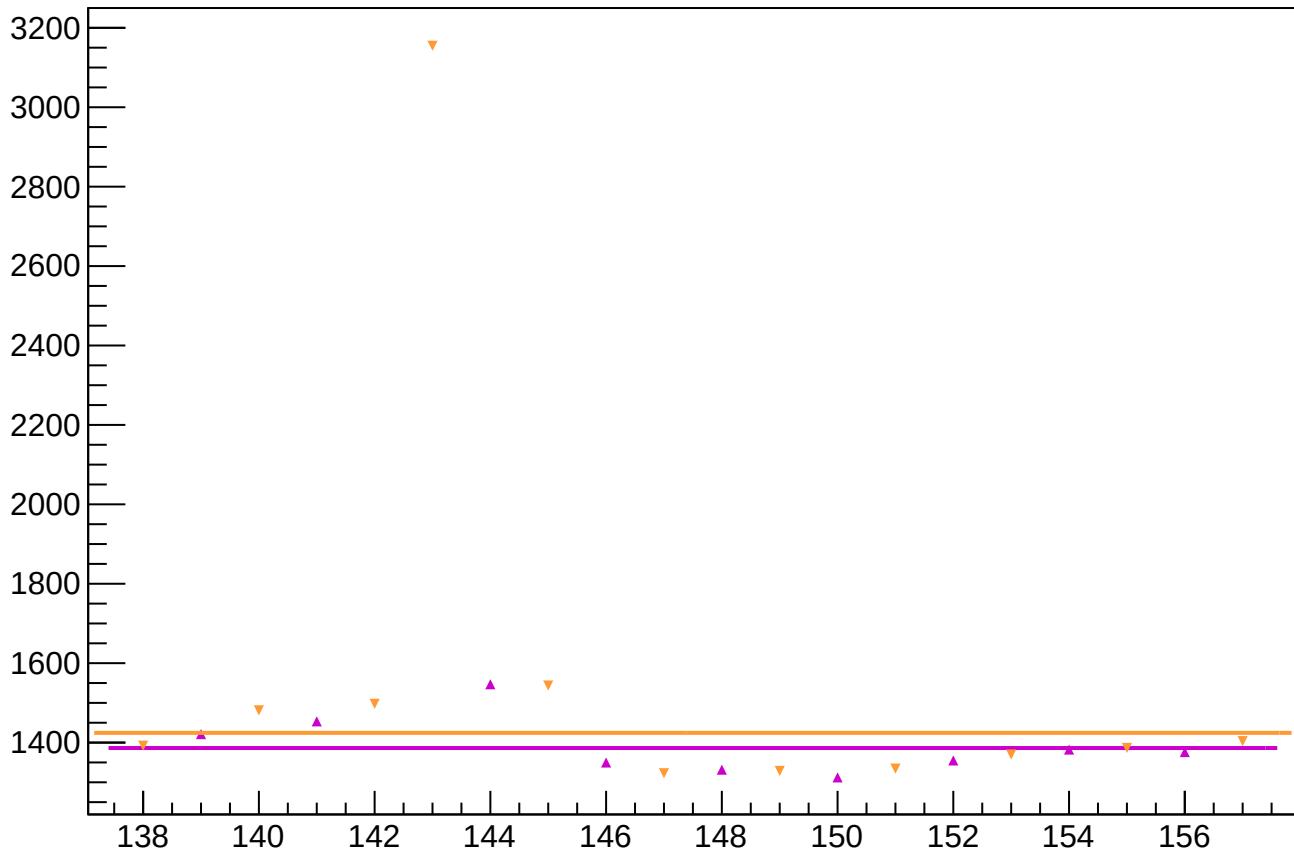
Left In: 841.766+/-509.987 χ^2/NDF : 12.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.896+/-359.650 χ^2/NDF : 22.0/19

- 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

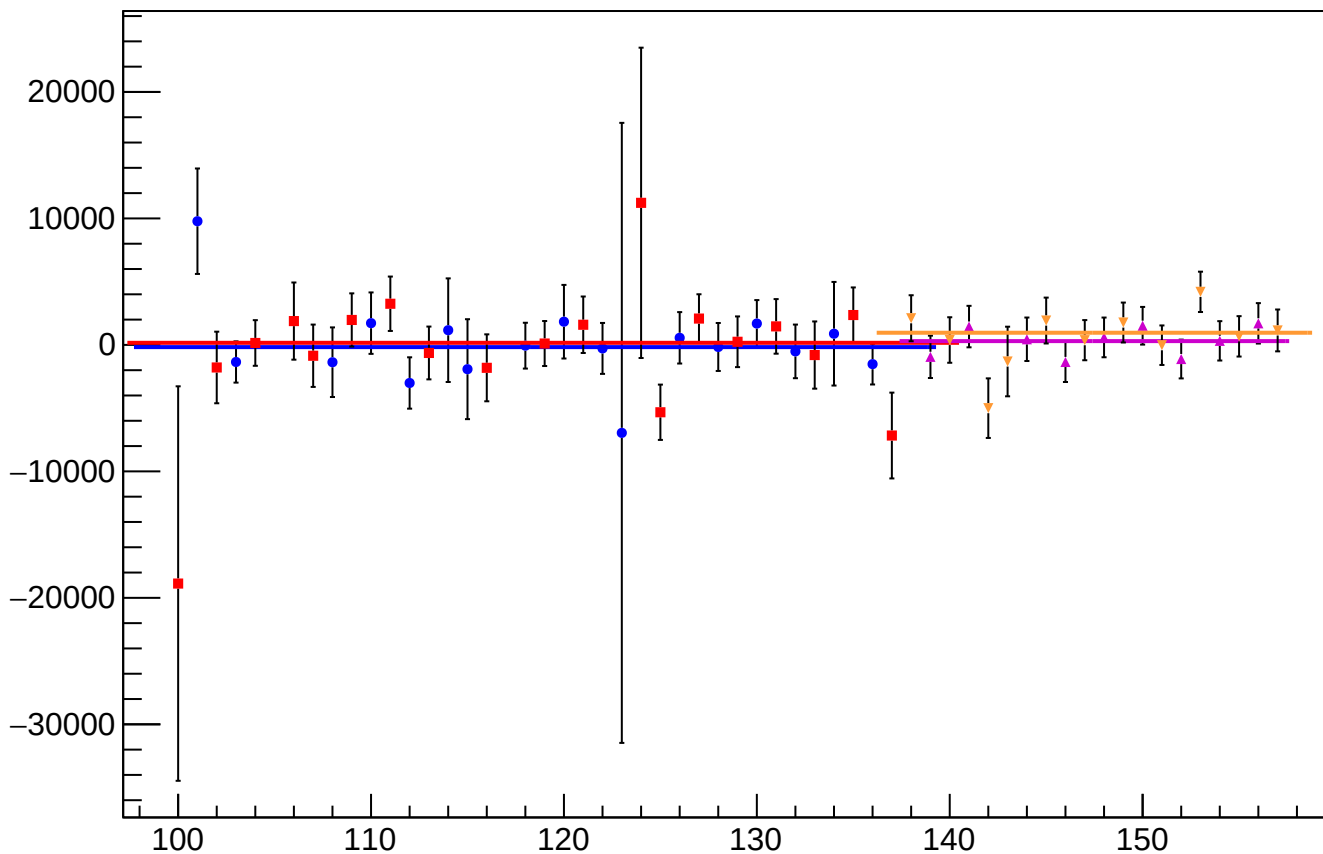
Left In: 1386.320+/-0.361 χ^2/NDF : 33317.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.529+/-0.254 χ^2/NDF : 480712.5/19

- 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

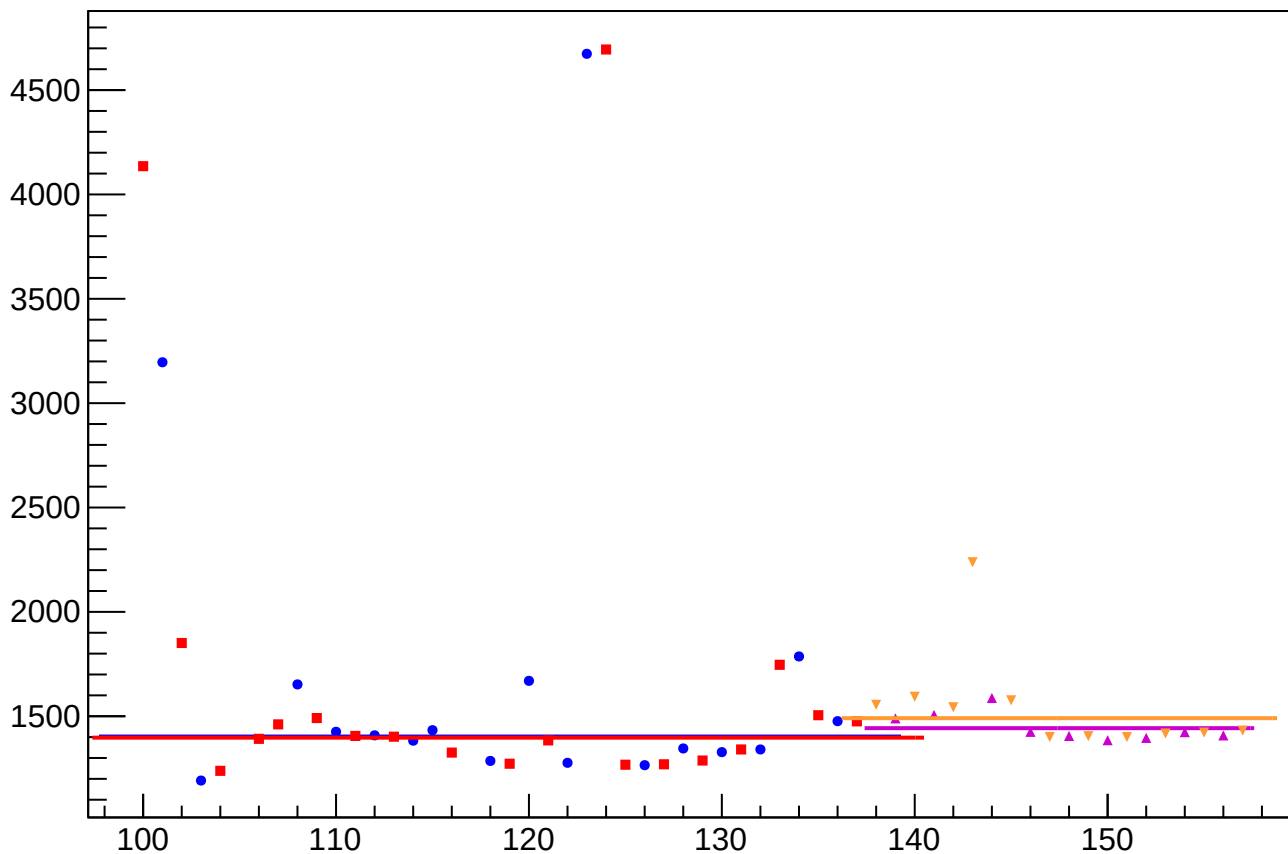
Left In: 299.493 ± 530.597 χ^2/NDF : 4.5/8

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

All: 326.479 ± 269.026 χ^2/NDF : 52.1/55

- sign 233.409 ± 378.504 χ^2/NDF : 25.2/27

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

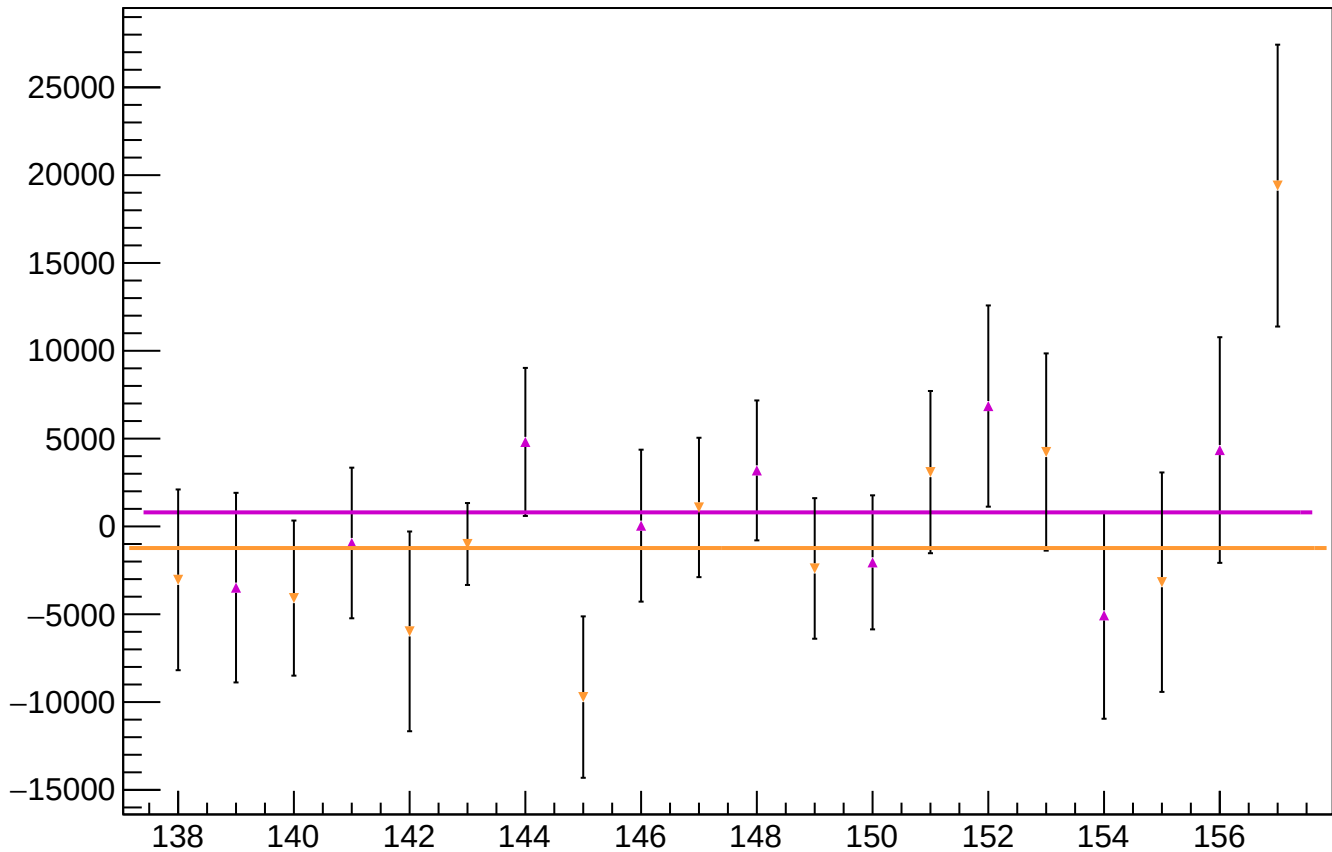
Left In: 1442.849 ± 0.375 χ^2/NDF : 26226.8/8

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

All: 1434.547 ± 0.190 χ^2/NDF : 1136563.6/55

- sign 1420.536 ± 0.268 χ^2/NDF : 386789.8/27

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

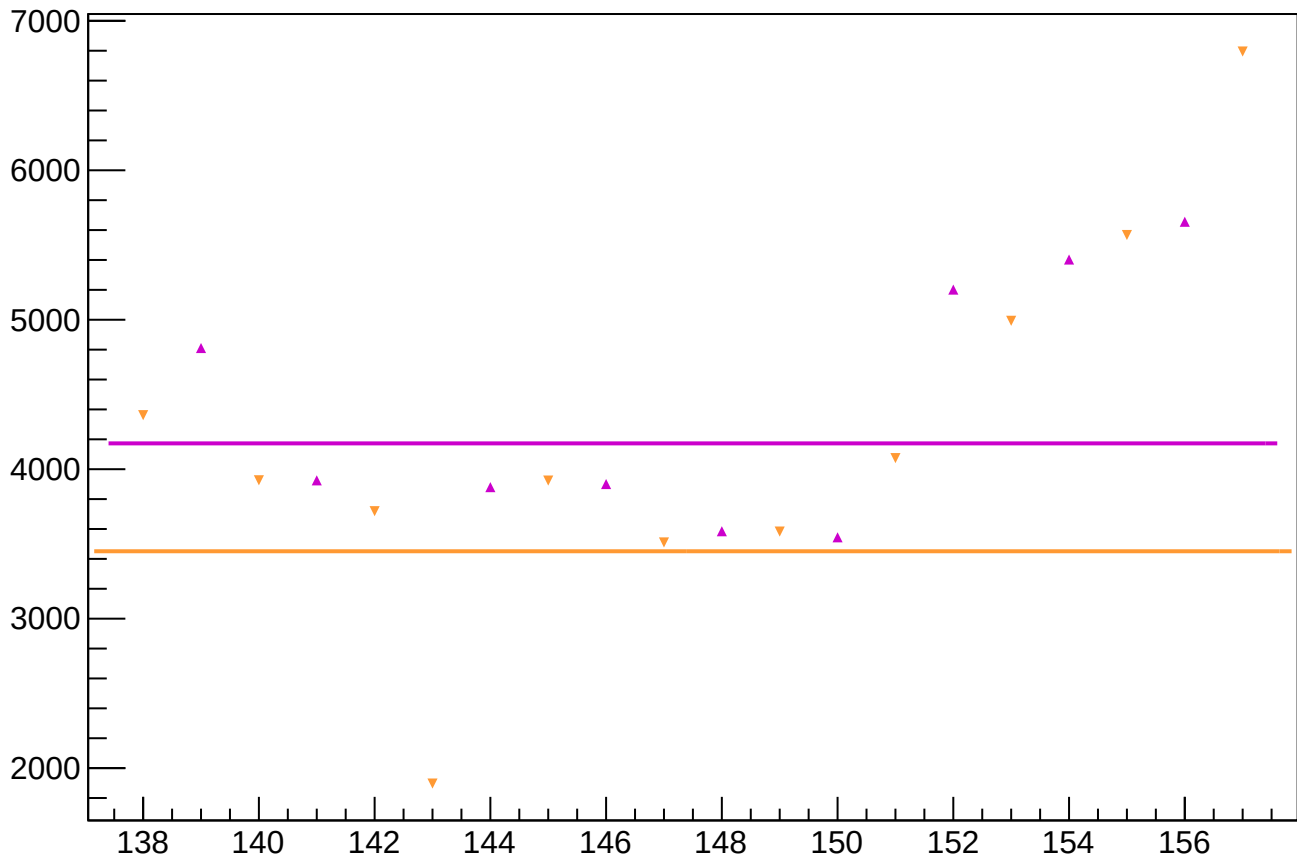
Left In: 800.513+/-1554.740 χ^2/NDF :5.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.856+/-994.746 χ^2/NDF : 19.7/19

- 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

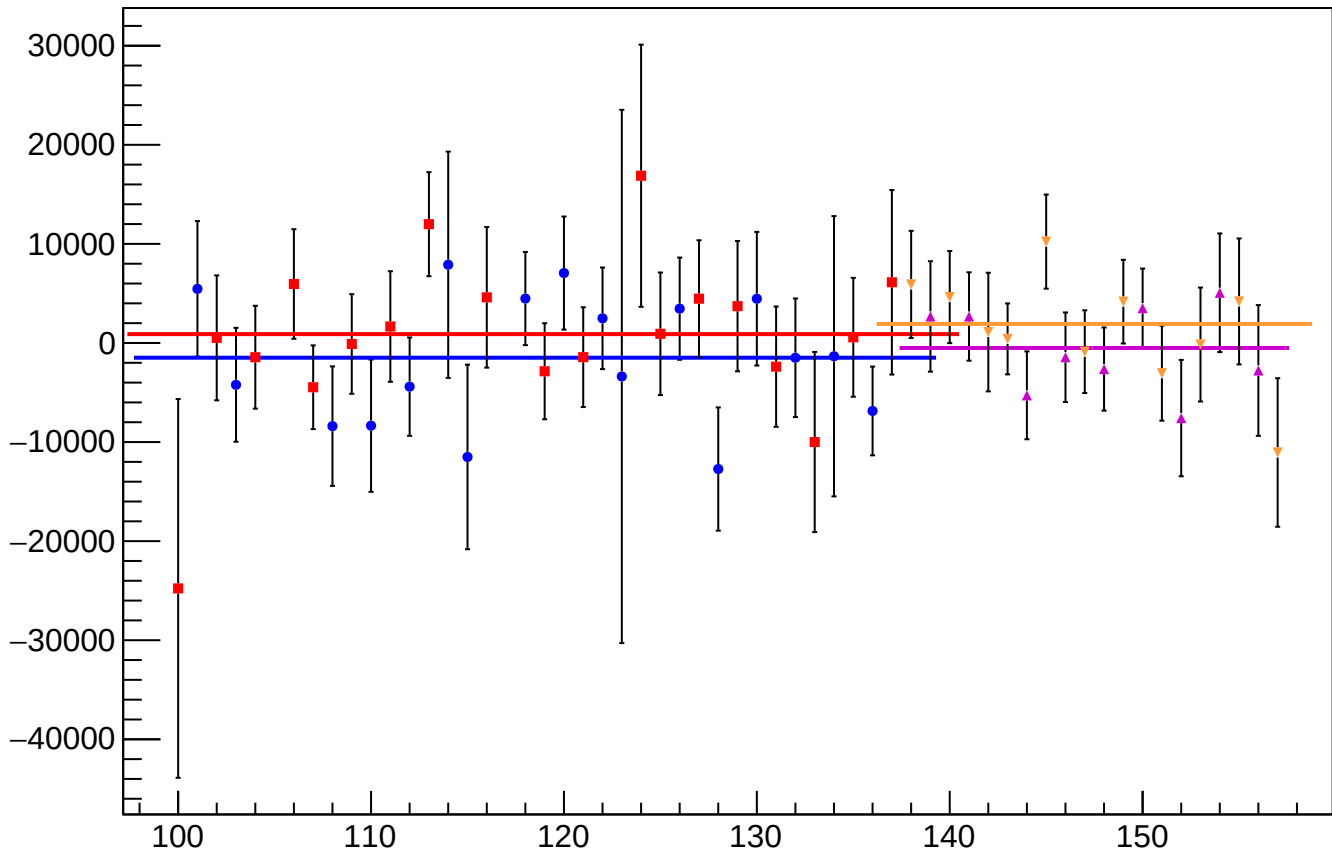
Left In: 4172.830+/-1.099 χ^2/NDF :408363.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3746.495+/-0.703 χ^2/NDF : 2429106.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1487.038 ± 1499.116 χ^2/NDF : 16.7/16

Left Out: 1924.665 ± 1473.845 χ^2/NDF : 9.2/10

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

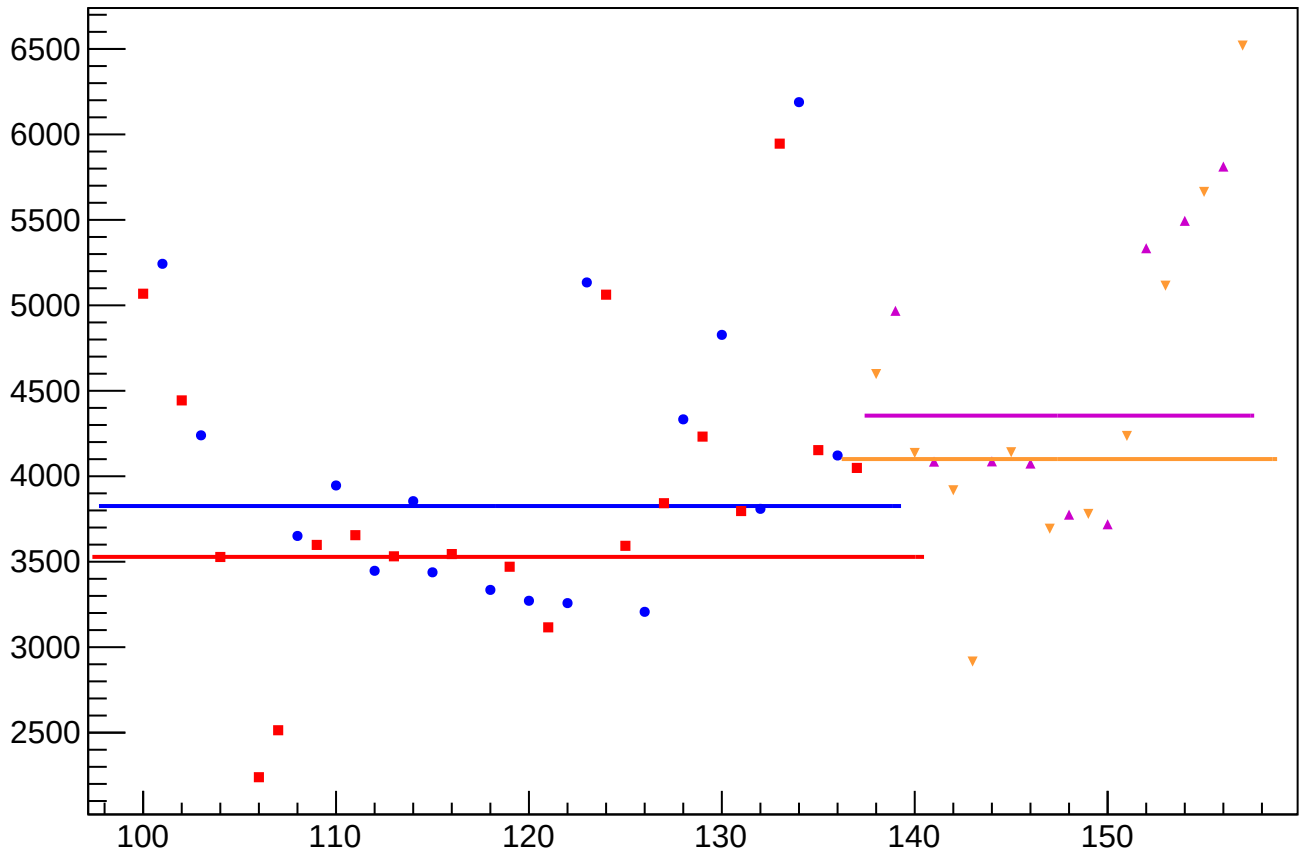
Left In: -502.564 ± 1619.375 χ^2/NDF : 5.7/8

+ sign 247.812 ± 1050.987 χ^2/NDF : 28.5/27

All: 277.488 ± 742.763 χ^2/NDF : 48.8/55

- sign 307.100 ± 1049.864 χ^2/NDF : 20.3/27

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

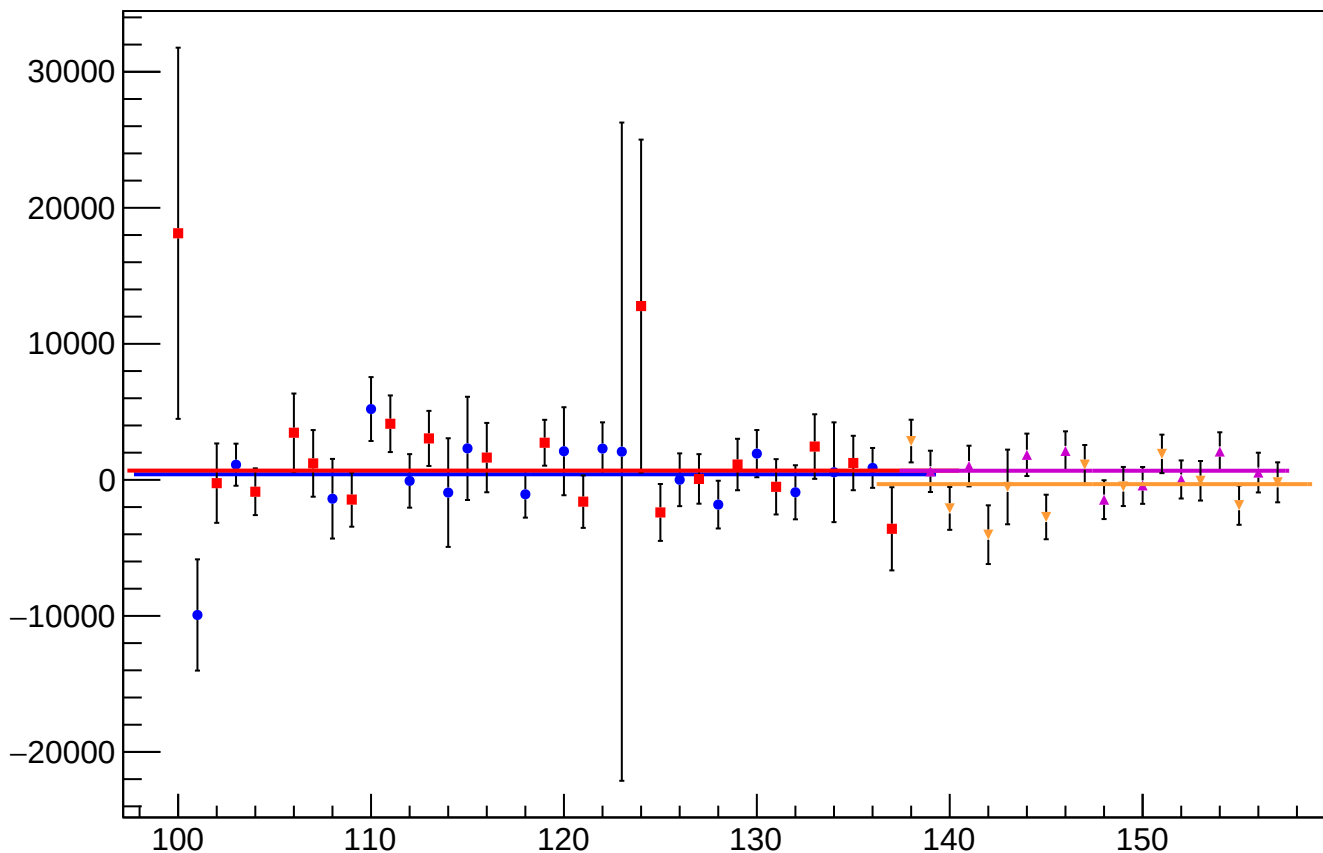
Left In: 4354.715+/-1.145 χ^2/NDF : 360643.0/8

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

All: 3918.476+/-0.524 χ^2/NDF : 2258334.3/55

- sign 3871.974+/-0.738 χ^2/NDF : 1220323.3/27

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

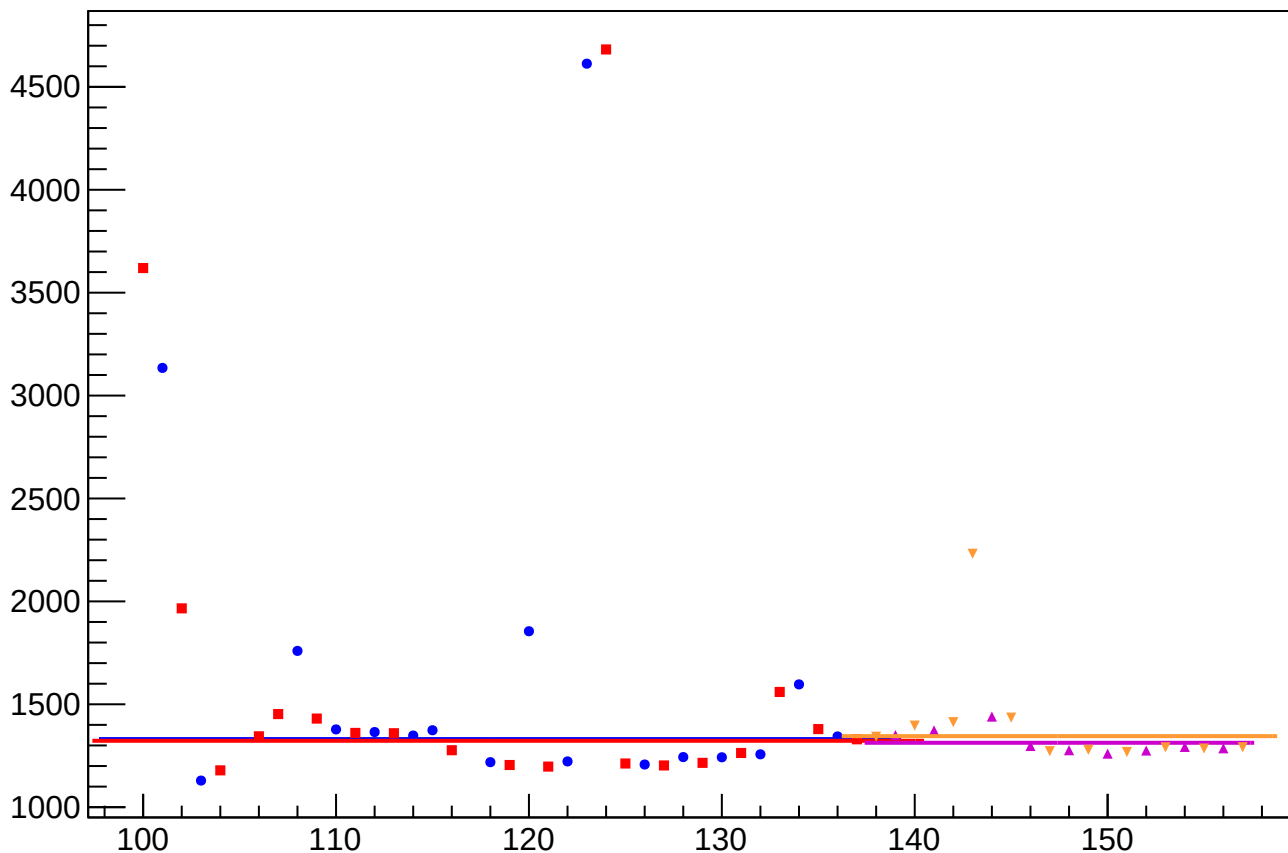
Left In: 671.520 $\pm$ 482.929 χ^2 /NDF:5.7/8

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

All: 346.904 $\pm$ 249.022 χ^2 /NDF: 58.2/55

- sign 676.556 $\pm$ 350.726 χ^2 /NDF: 23.7/27

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

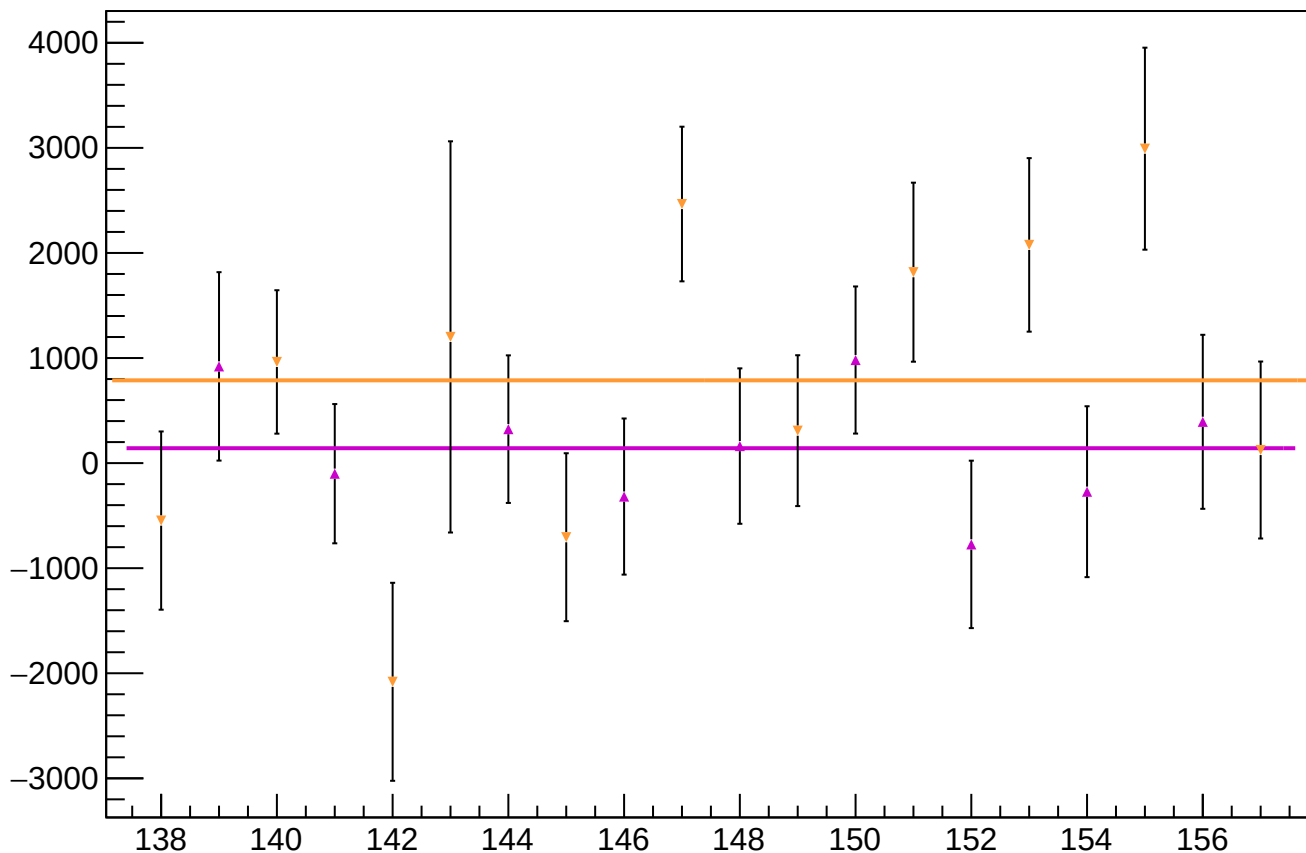
Left In: 1312.975 $\pm$ 0.341 χ^2 /NDF: 24877.0/8

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

All: 1328.097 $\pm$ 0.176 χ^2 /NDF: 1270564.7/55

- sign 1317.573 $\pm$ 0.248 χ^2 /NDF: 419674.3/27

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

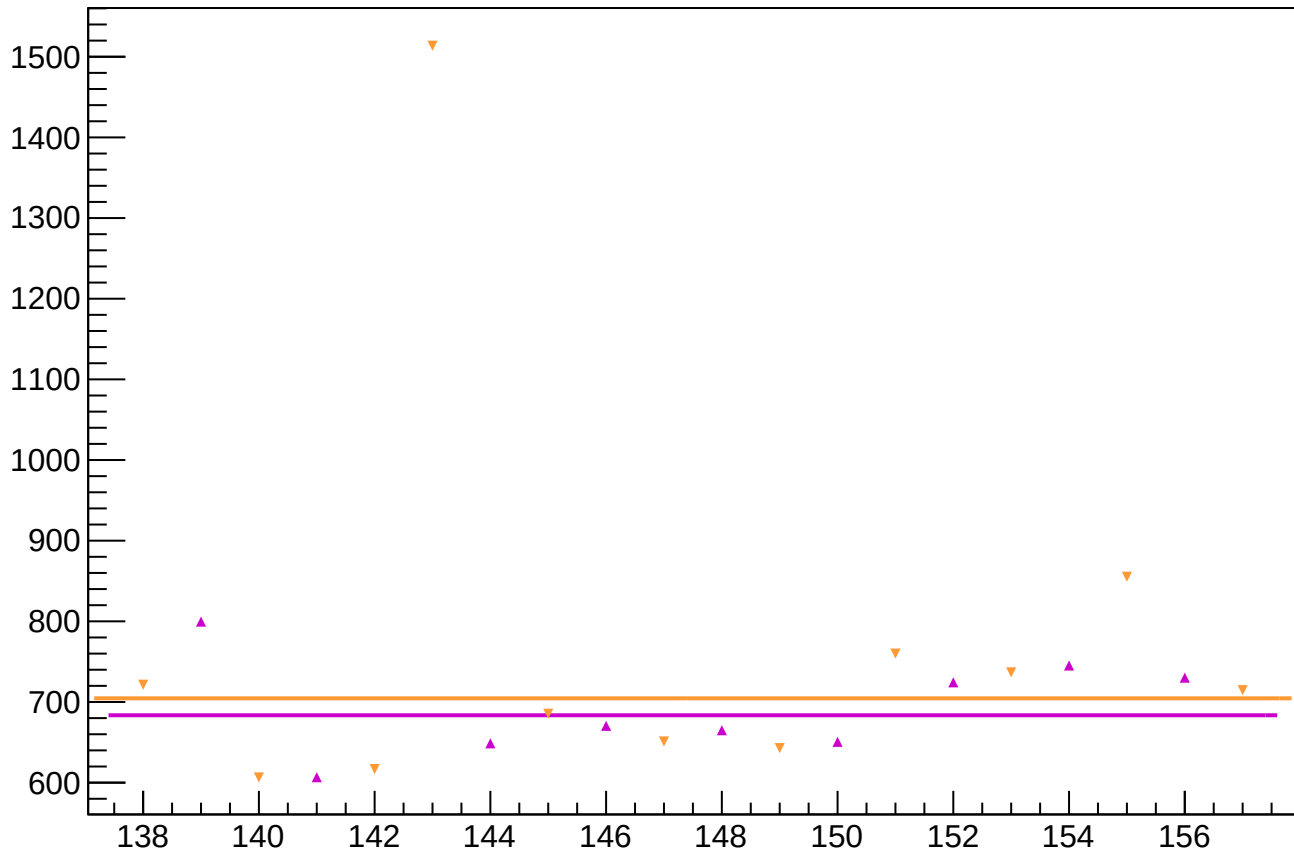
Left In: 141.676+/-251.779 χ^2/NDF : 4.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.289+/-178.413 χ^2/NDF : 38.5/19

- 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

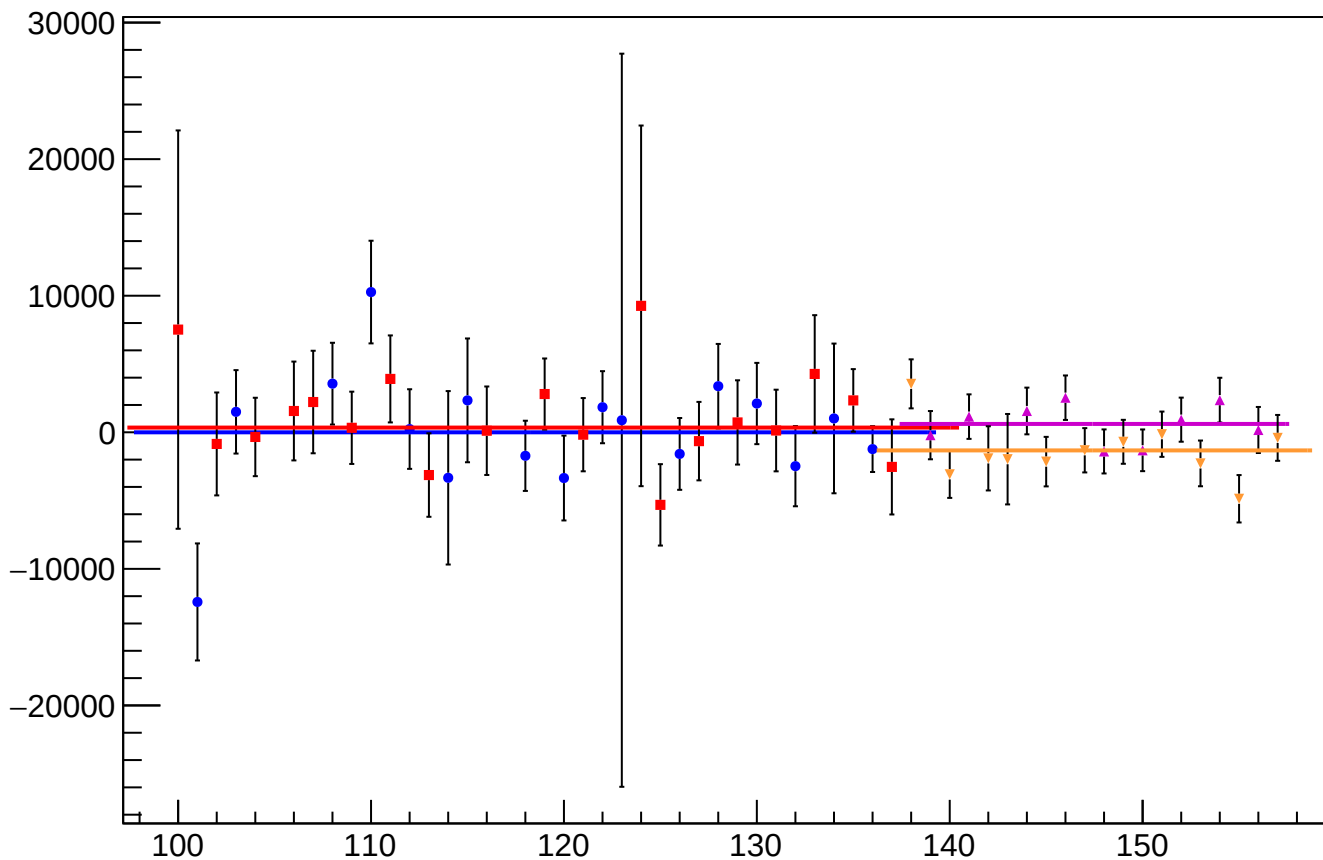
Left In: 683.529+/-0.178 χ^2/NDF : 94703.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 693.993+/-0.126 χ^2/NDF : 626299.3/19

- 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

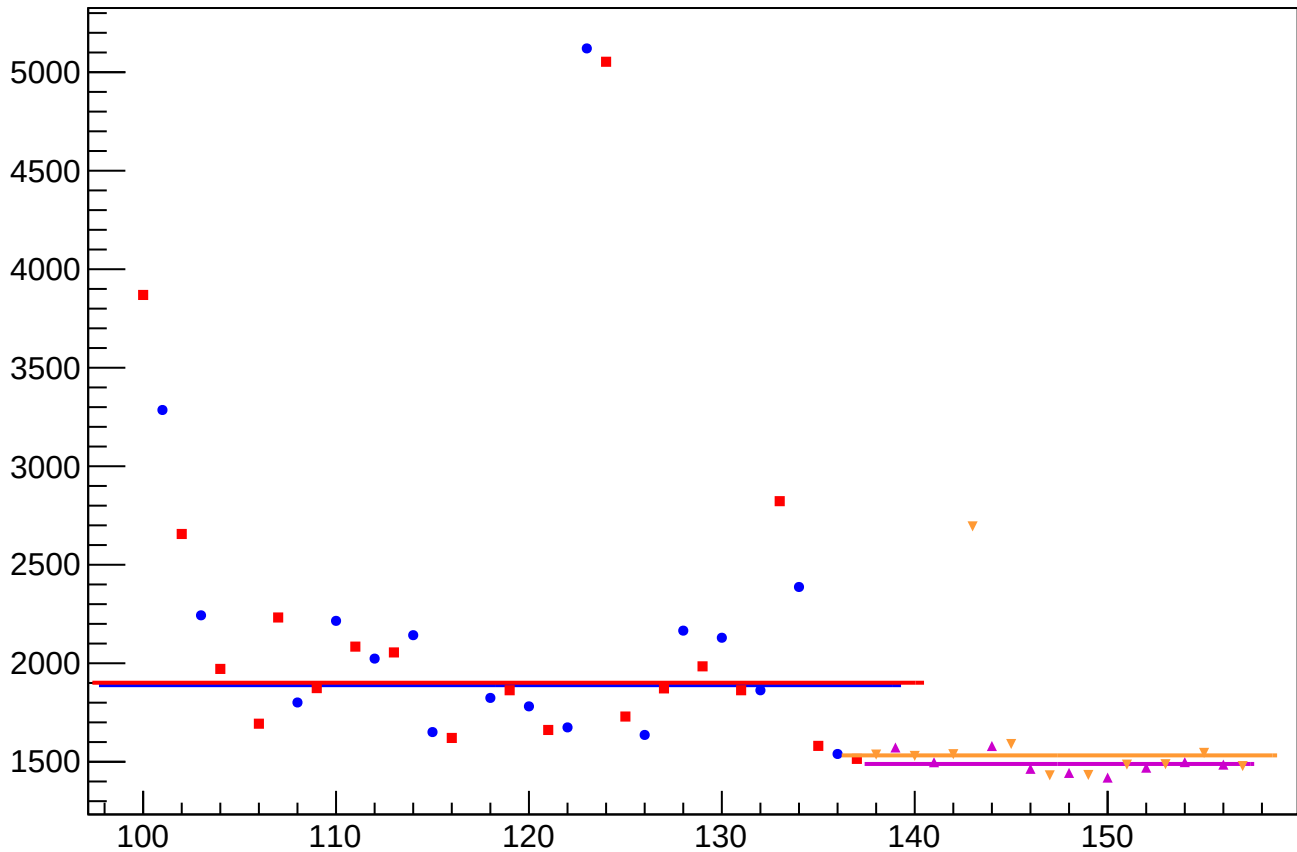
Left In: 611.519 ± 547.283 χ^2/NDF : 6.4/8

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

All: -175.754 ± 310.178 χ^2/NDF : 61.9/55

- sign 516.298 ± 438.688 χ^2/NDF : 17.2/27

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

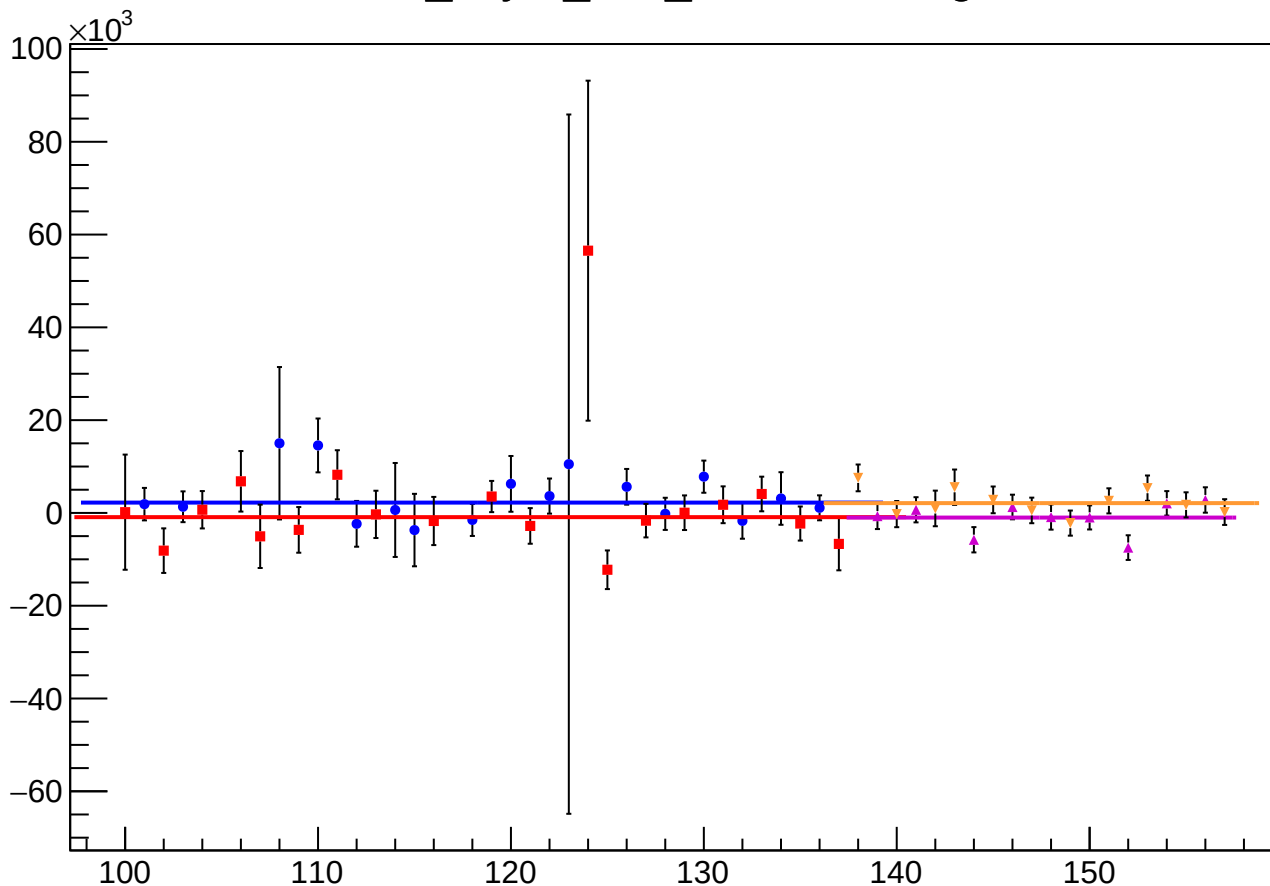
Left In: 1488.941+/-0.387 χ^2/NDF : 16716.5/8

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

All: 1646.150+/-0.219 χ^2/NDF : 1919894.4/55

- sign 1636.334+/-0.310 χ^2/NDF : 883934.2/27

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

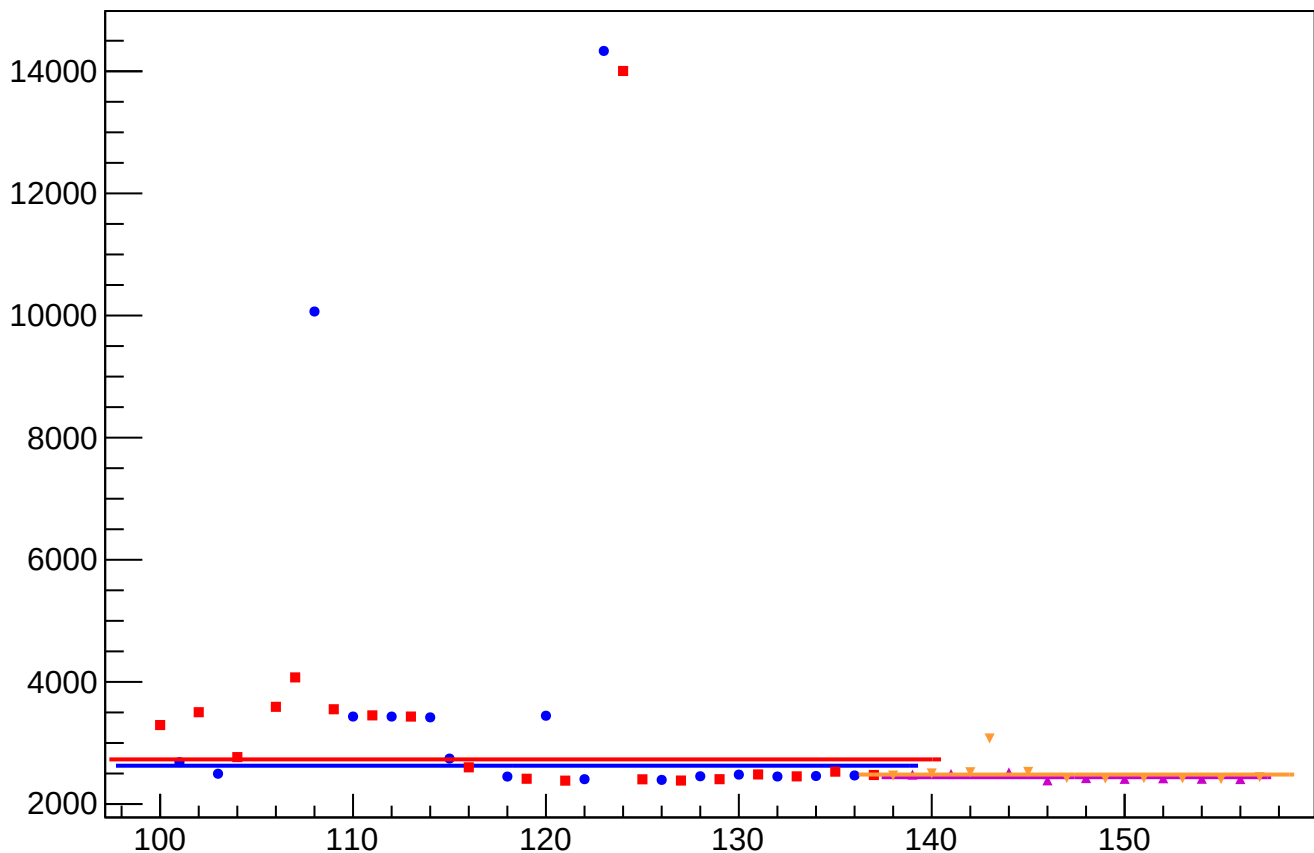
Left In: -999.992 $\pm$ 896.419 χ^2 /NDF:13.4/8

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

All: 628.054 $\pm$ 477.190 χ^2 /NDF: 70.6/55

- sign -961.007 $\pm$ 680.903 χ^2 /NDF: 36.3/27

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

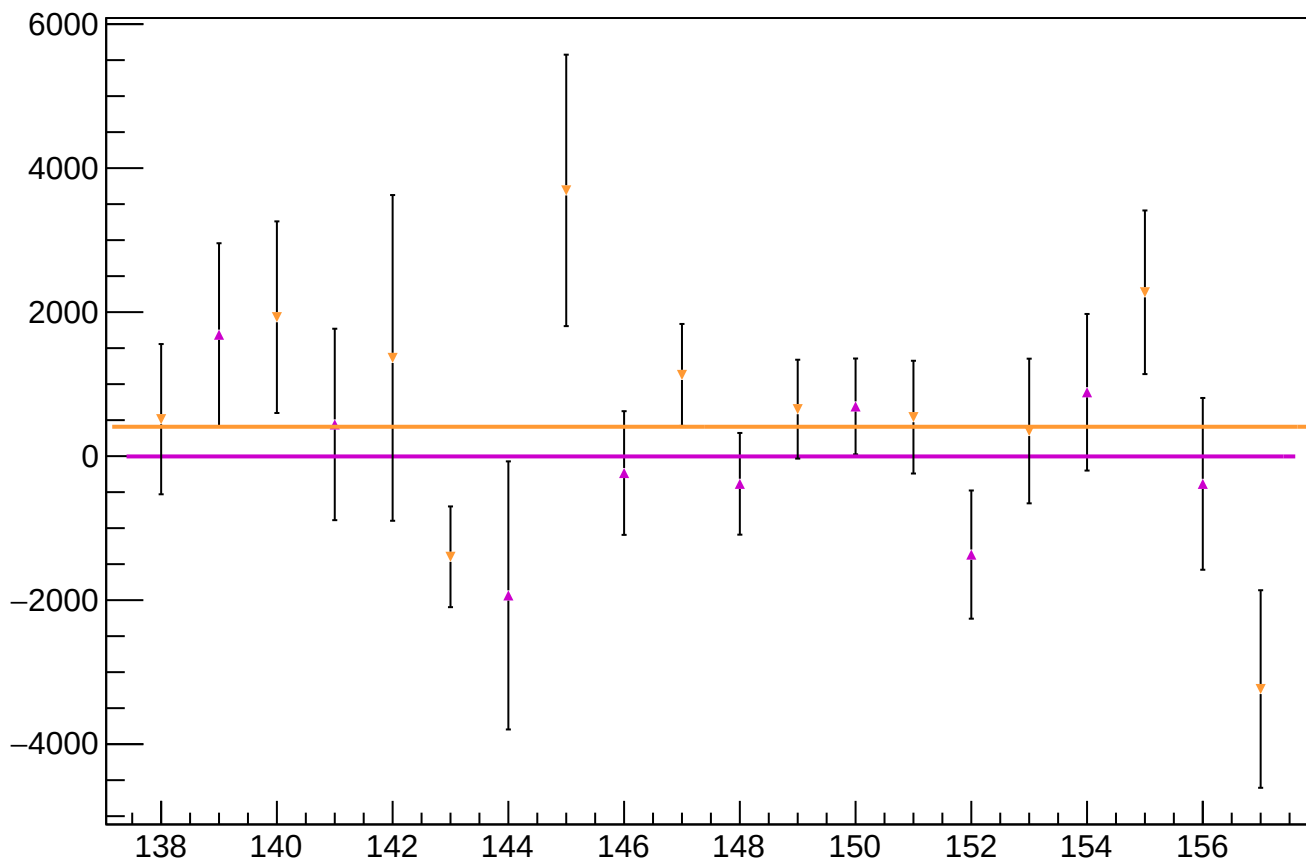
Left In: 2439.535+/-0.634 χ^2/NDF : 4438.5/8

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

All: 2552.701+/-0.337 χ^2/NDF : 1415126.7/55

- sign 2562.950+/-0.481 χ^2/NDF : 692257.6/27

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

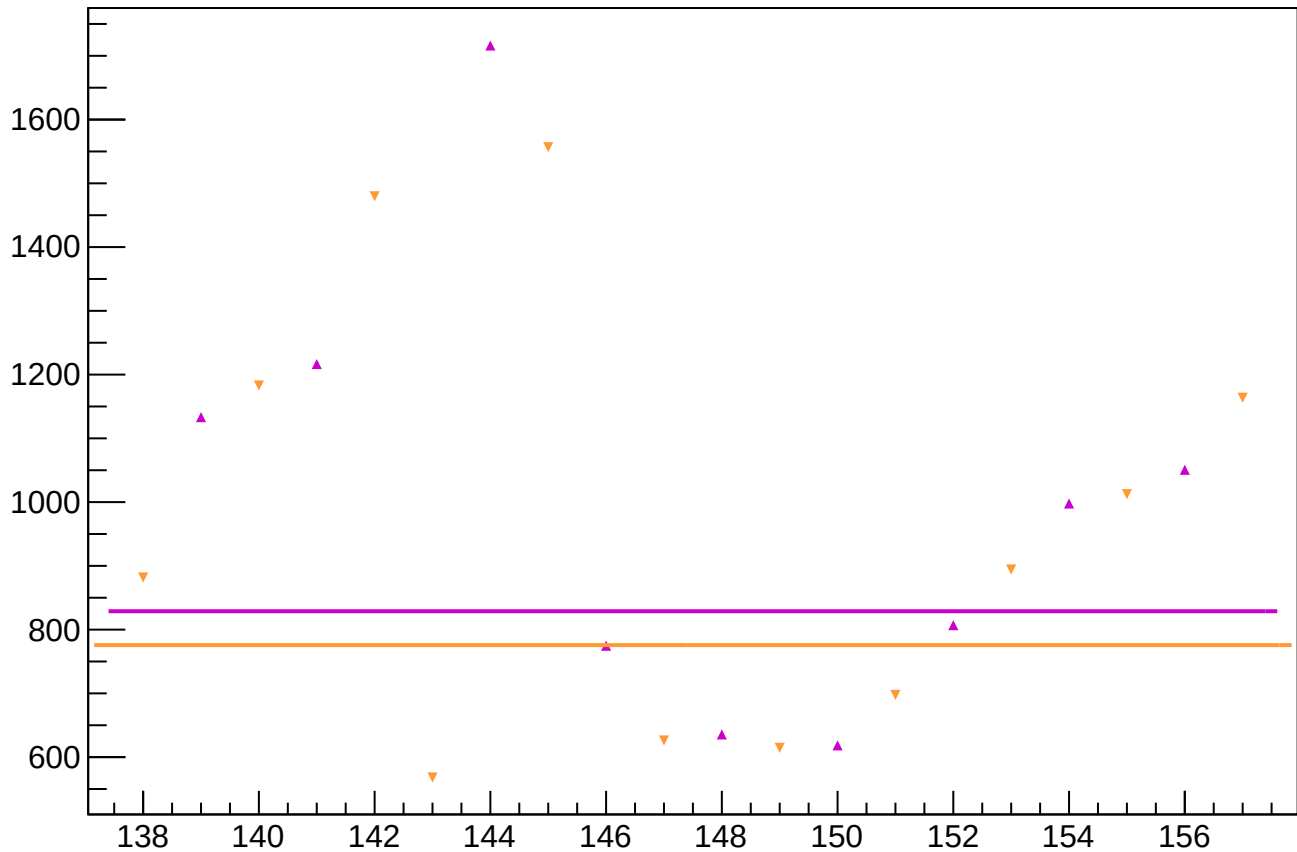
Left In: -3.979+/-317.799 χ^2/NDF : 7.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.272+/-213.443 χ^2/NDF : 30.6/19

- 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

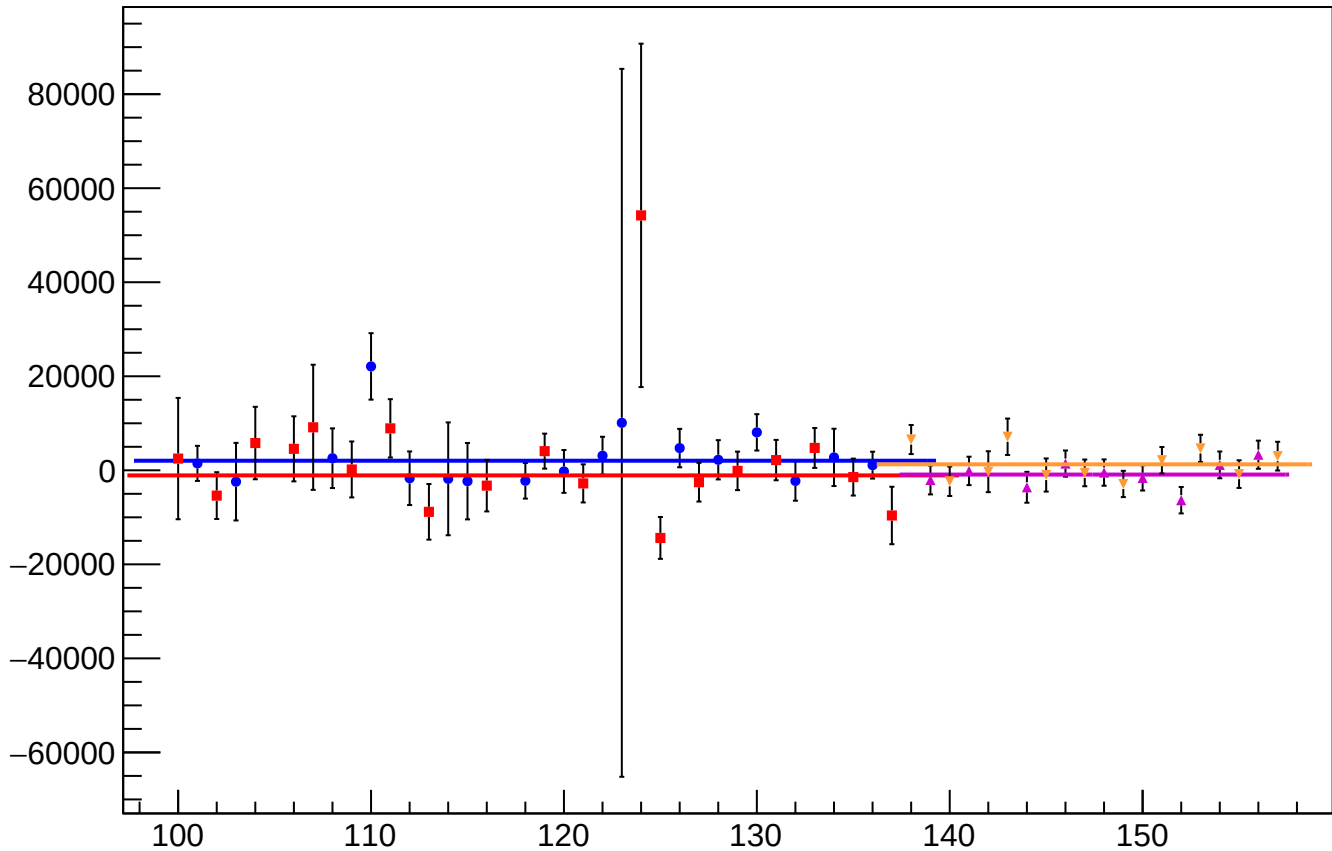
Left In: 828.826+/-0.225 χ^2/NDF :1215575.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.660+/-0.151 χ^2/NDF : 2661665.6/19

- 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

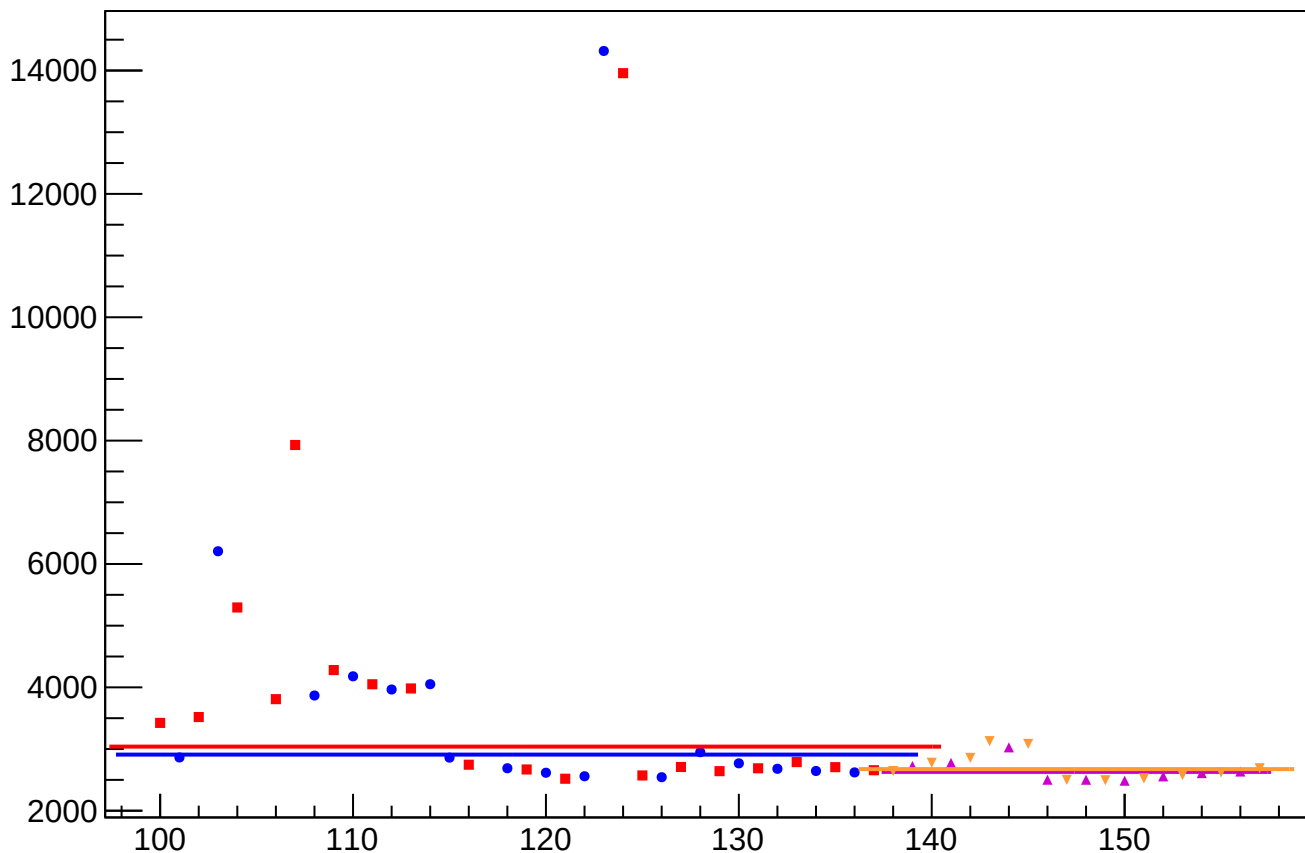
Left In: -906.736+/-967.817 χ^2/NDF : 8.0/8

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

All: 337.736+/-522.877 χ^2/NDF : 66.4/55

- sign -975.998+/-750.006 χ^2/NDF : 33.3/27

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

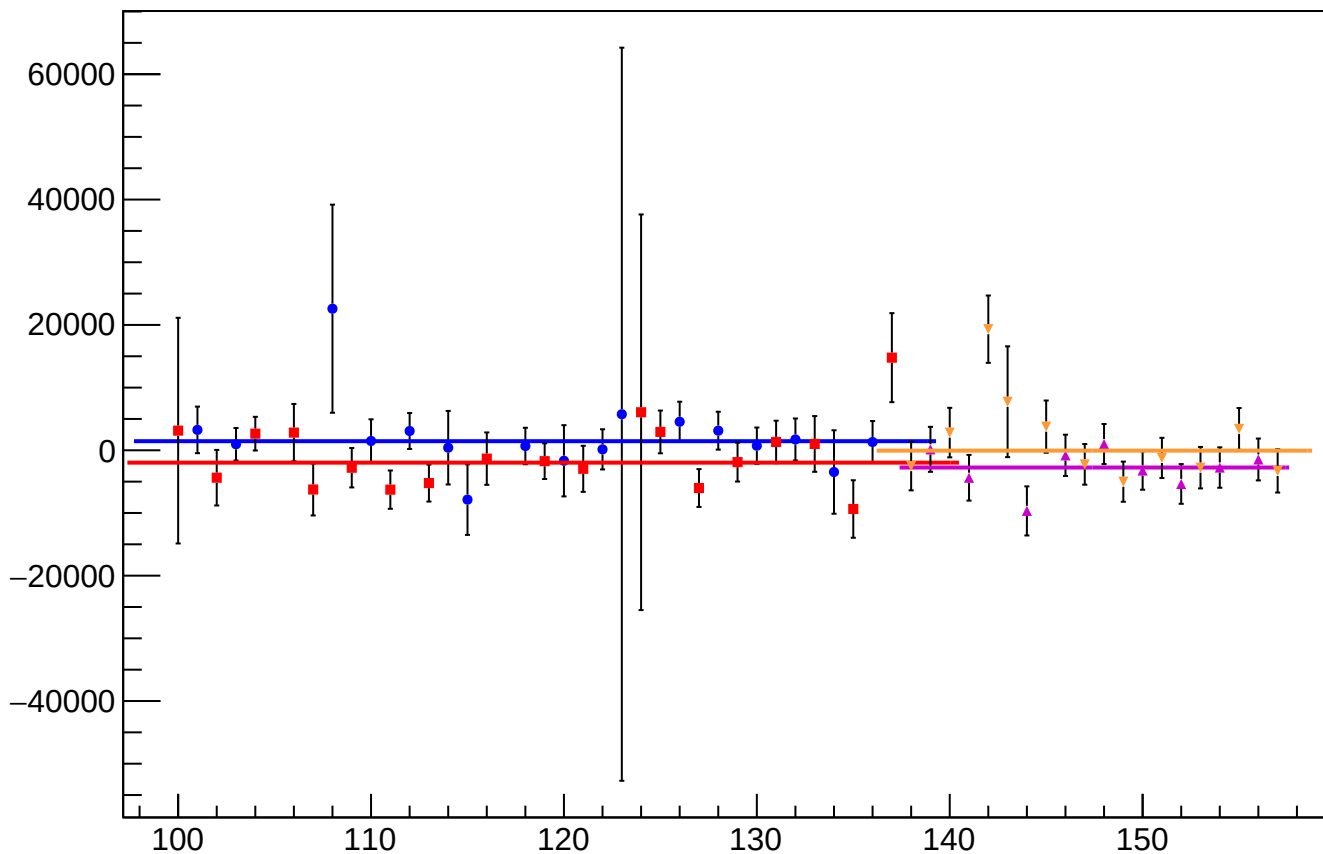
Left In: 2629.187+/-0.684 χ^2/NDF : 51374.4/8

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

All: 2780.526+/-0.370 χ^2/NDF : 1983720.0/55

- sign 2792.938+/-0.530 χ^2/NDF : 1206010.5/27

dit_asym_atl2_mean vs Slug



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

Left Out: -54.170 ± 1124.497 χ^2/NDF : 21.2/10

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

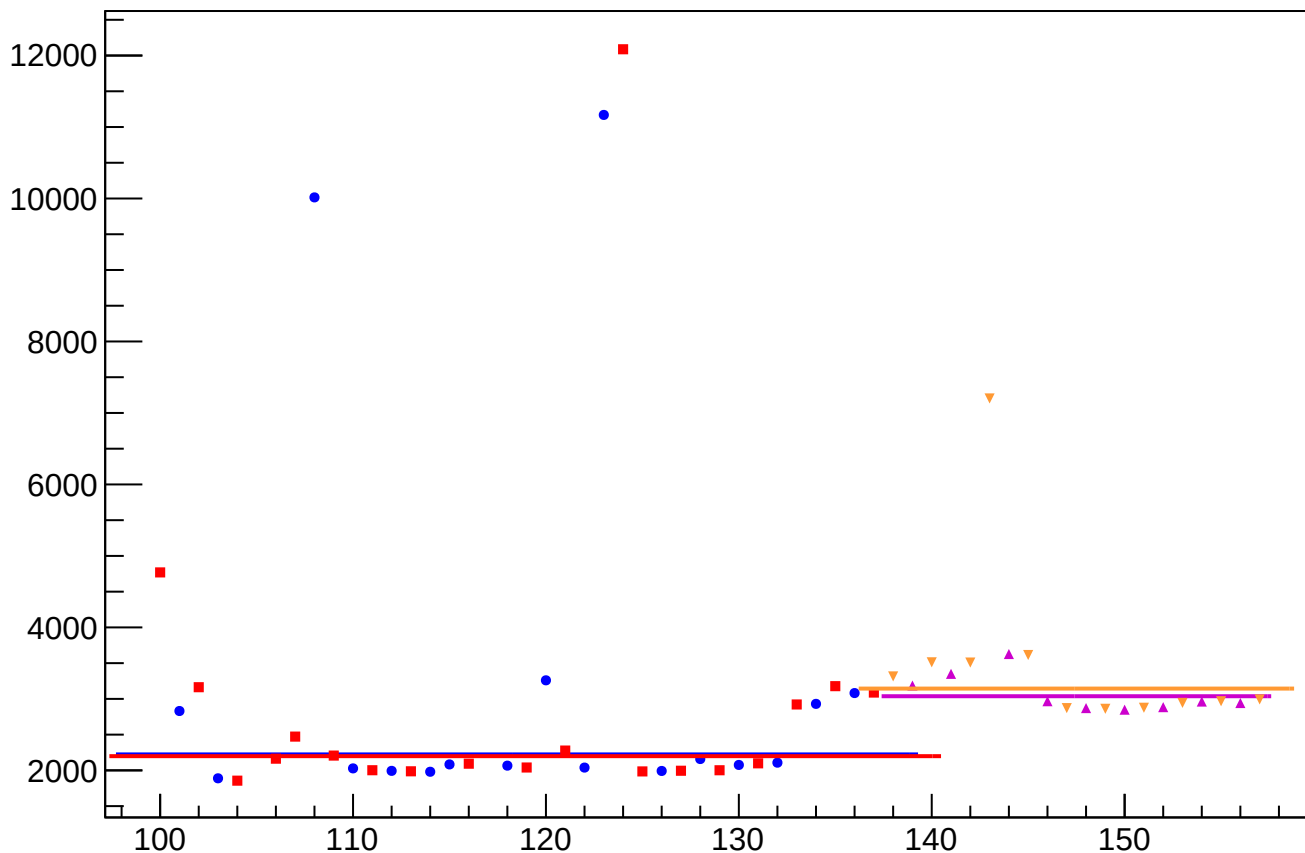
Left In: -2748.889 ± 1117.829 χ^2/NDF : 6.6/8

+ sign 872.679 ± 697.391 χ^2/NDF : 29.7/27

All: -737.918 ± 485.706 χ^2/NDF : 69.3/55

- sign -2255.053 ± 676.854 χ^2/NDF : 29.2/27

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

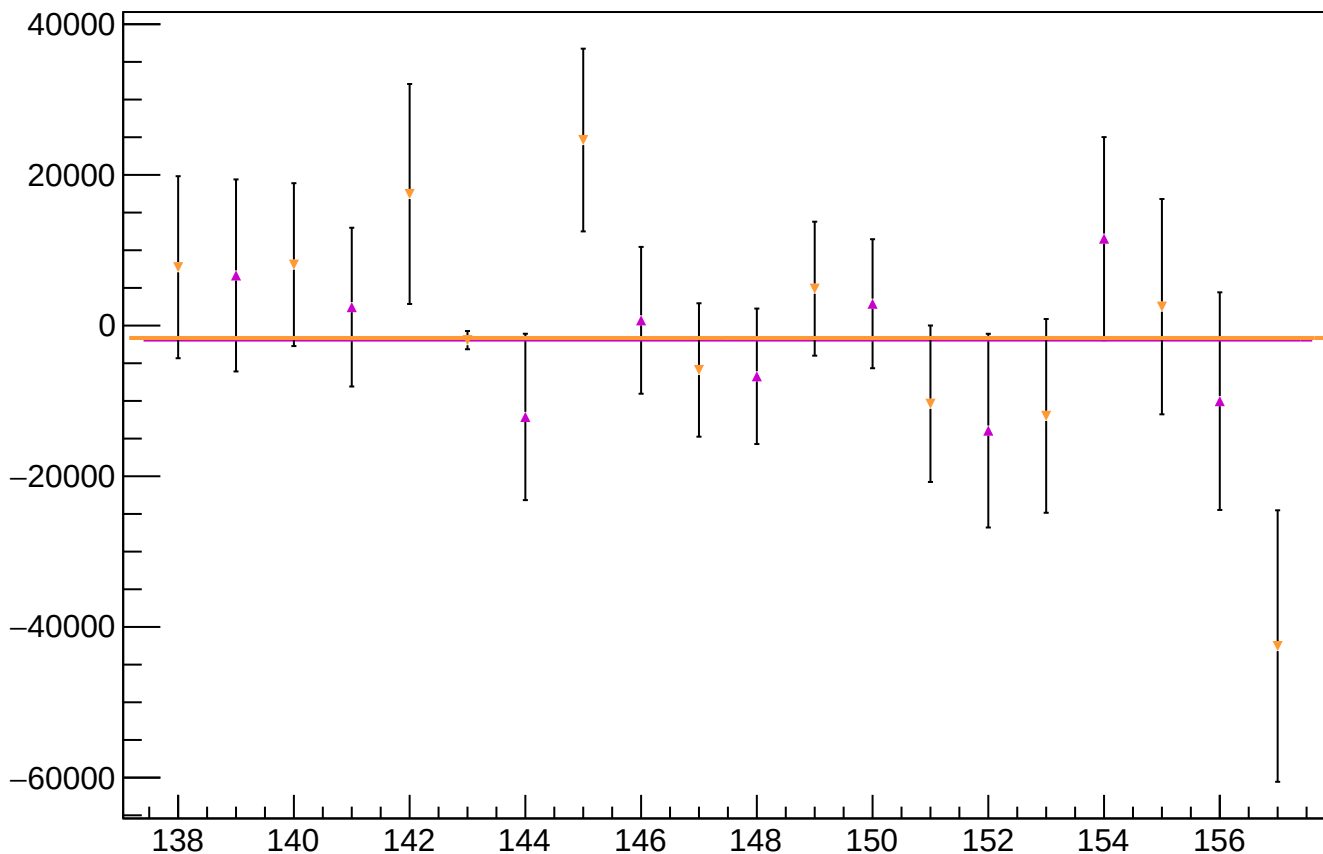
Left In: 3037.261+/-0.790 χ^2/NDF : 84833.3/8

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

All: 2540.559+/-0.343 χ^2/NDF : 3625097.7/55

- sign 2505.905+/-0.478 χ^2/NDF : 1400380.0/27

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

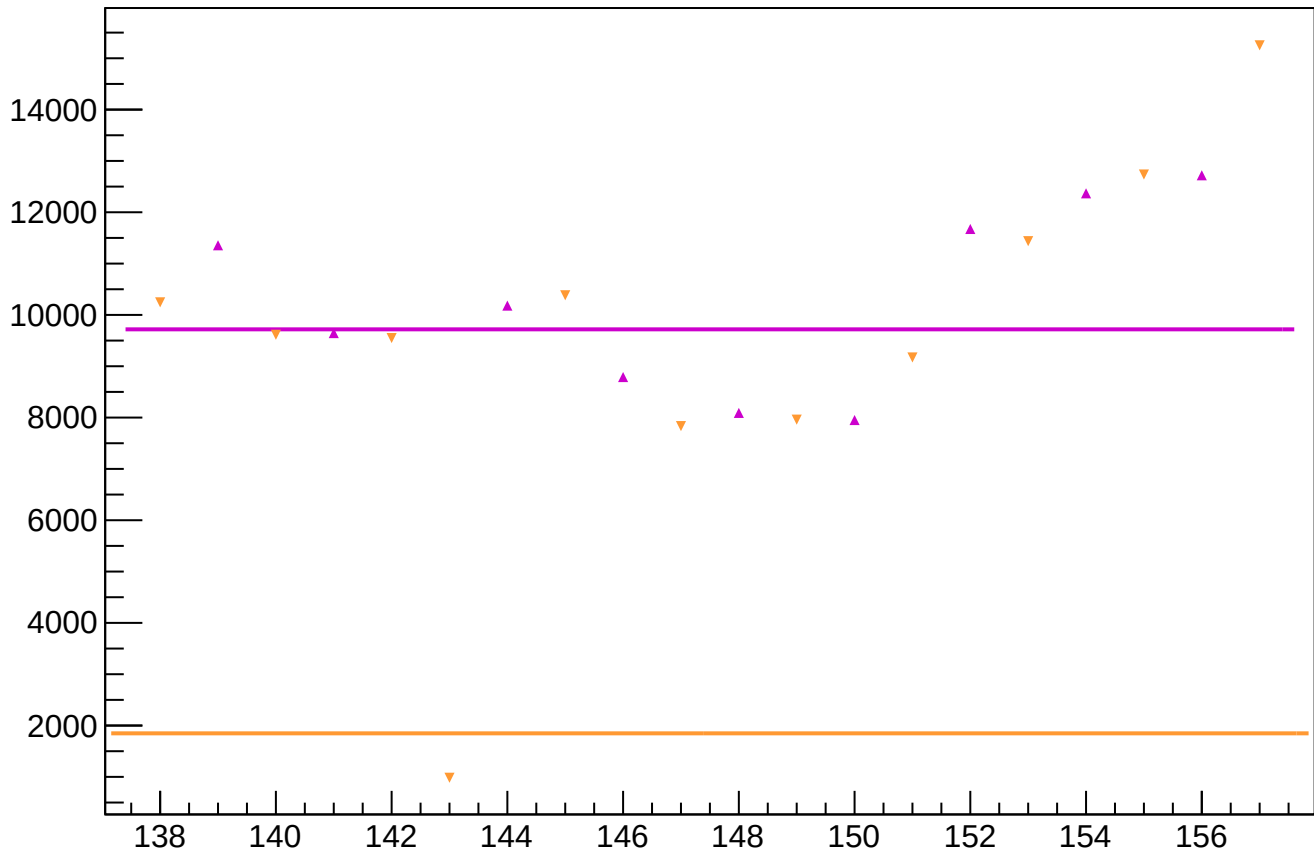
Left In: -1857.391+/-3621.104 χ^2/NDF :4.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1665.754+/-1093.444 χ^2/NDF : 19.6/19

- 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

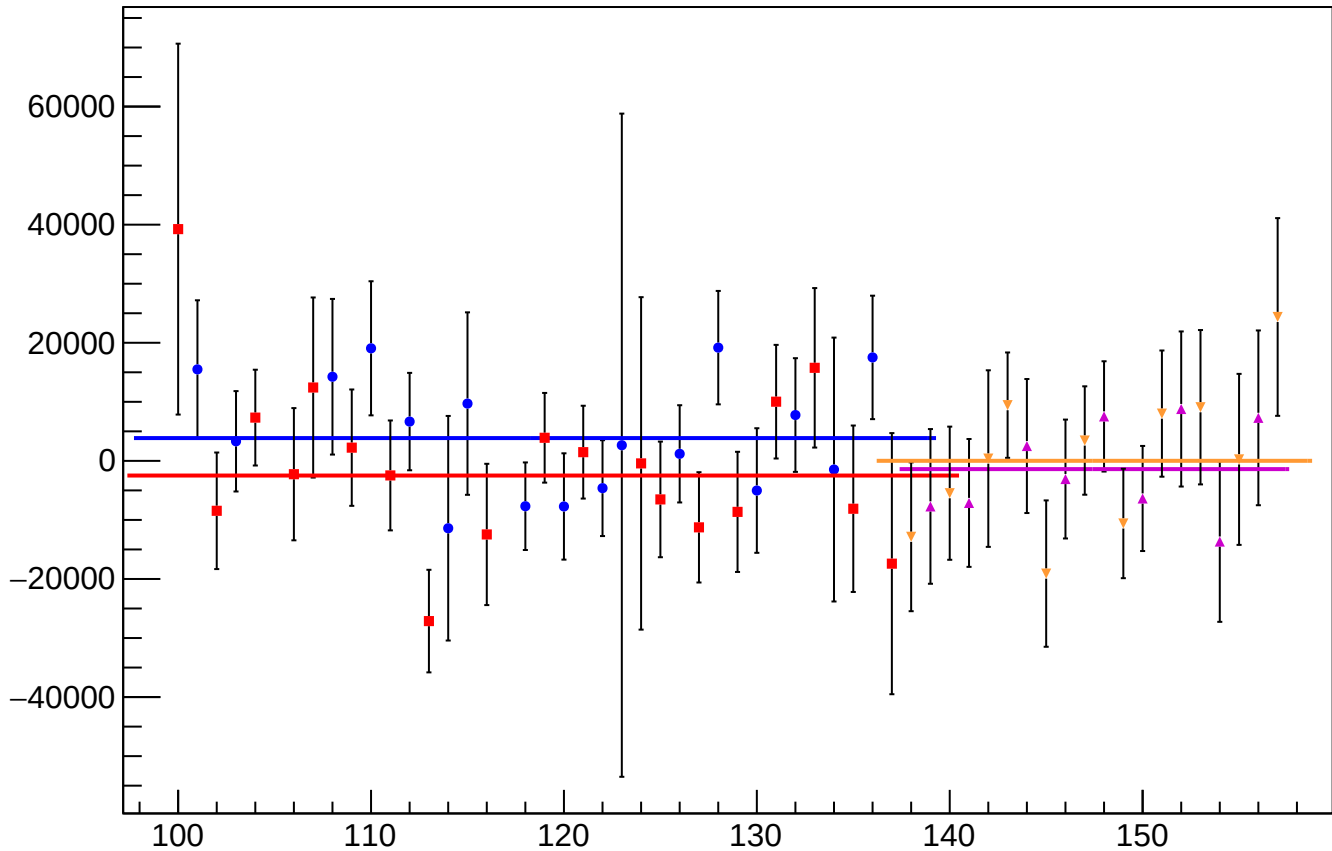
Left In: 9718.943+/-2.561 χ^2/NDF :415525.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2565.787+/-0.773 χ^2/NDF : 19806490.8/10

- 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

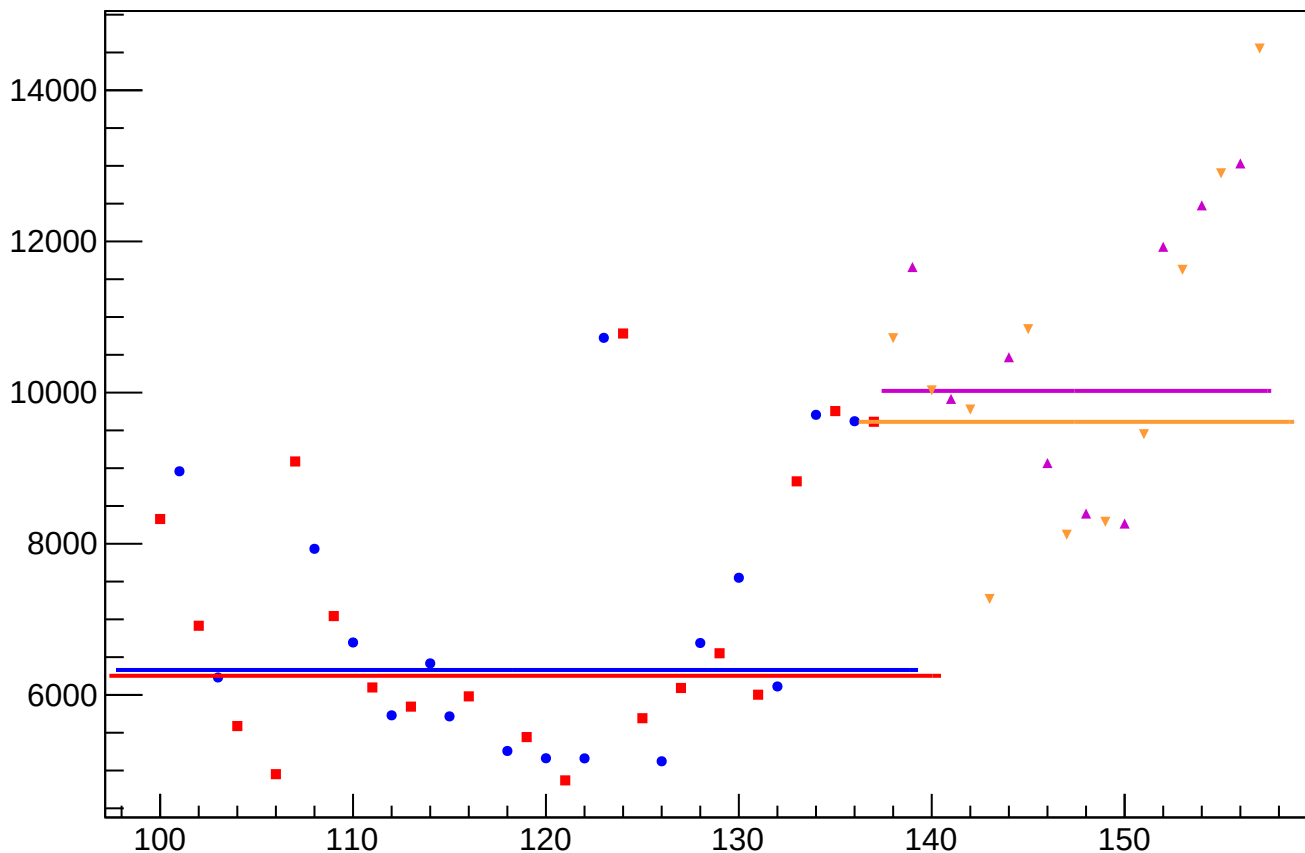
Left In: -1395.431+/-3730.443 χ^2/NDF : 3.6/8

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

All: 186.255+/-1435.196 χ^2/NDF : 51.4/55

- sign -2160.577+/-2030.996 χ^2/NDF : 23.7/27

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

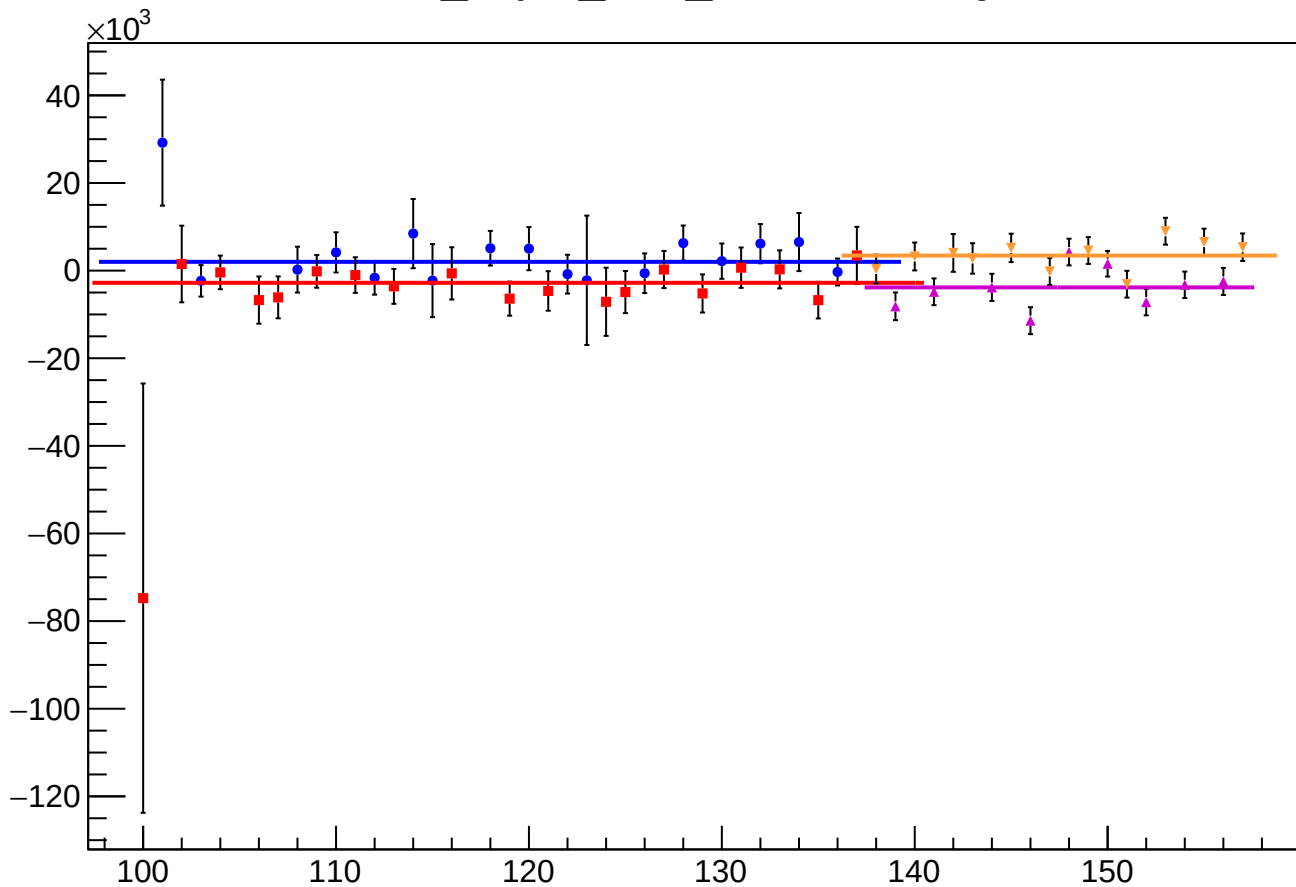
Left In: 10022.642+/-2.638 χ^2/NDF : 380800.3/8

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

All: 7418.974+/-1.015 χ^2/NDF : 4729360.2/55

- sign 7370.532+/-1.436 χ^2/NDF : 2352845.3/27

dit_asym_atr1_mean vs Slug



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

Left Out: 3437.101 $\pm$ 973.413 χ^2 /NDF:12.0/10

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

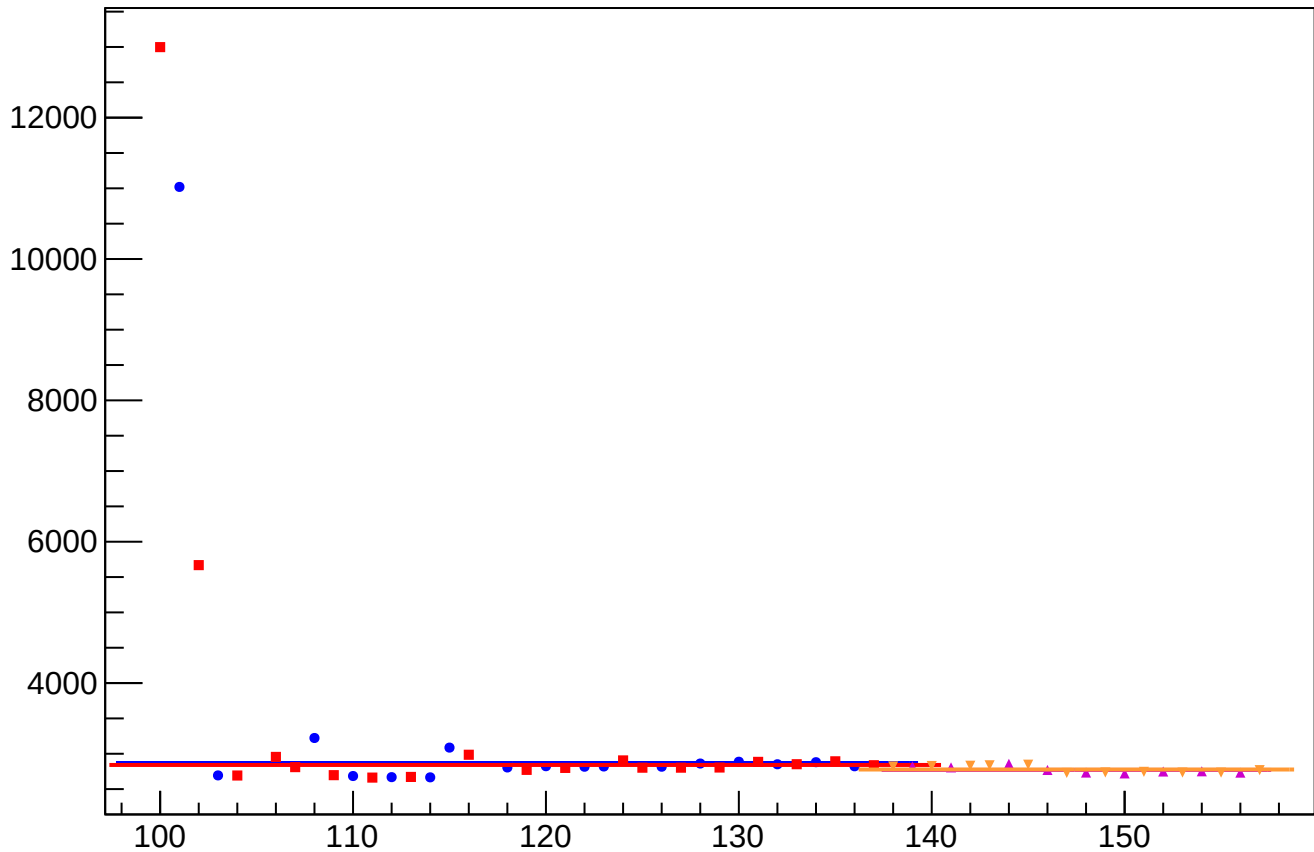
Left In: -3829.085 $\pm$ 1017.303 χ^2 /NDF:20.0/8

+ sign 2829.858 $\pm$ 738.682 χ^2 /NDF: 24.9/27

All: -238.856 $\pm$ 523.669 χ^2 /NDF: 90.0/55

- sign -3339.320 $\pm$ 742.493 χ^2 /NDF: 30.4/27

dit_asym_atr1_rms vs Slug



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

Left Out: 2777.065 $\pm$ 0.688 χ^2 /NDF: 4552.9/10

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

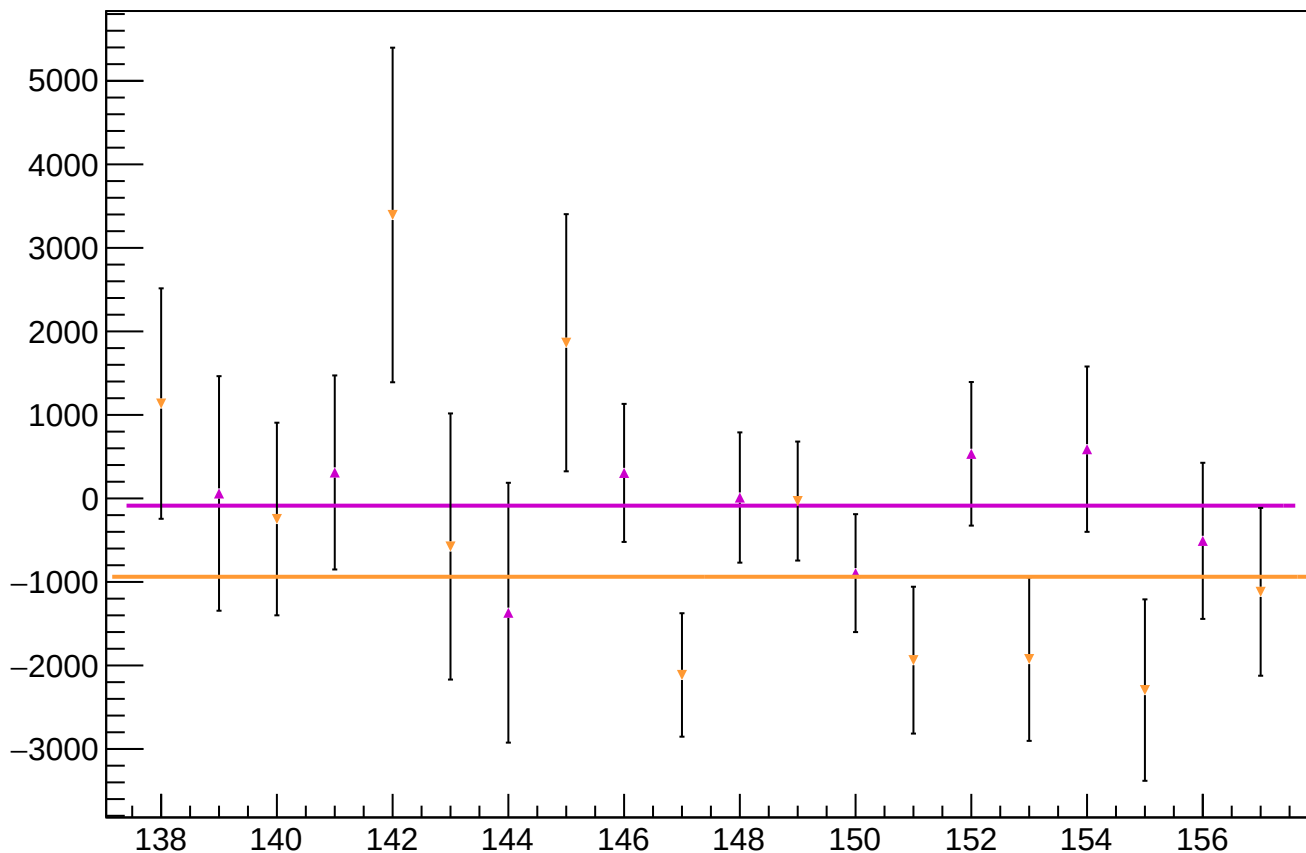
Left In: 2770.975 $\pm$ 0.719 χ^2 /NDF: 3733.2/8

+ sign 2816.141 $\pm$ 0.522 χ^2 /NDF: 682052.6/27

All: 2810.082 $\pm$ 0.370 χ^2 /NDF: 1003078.8/55

- sign 2803.960 $\pm$ 0.525 χ^2 /NDF: 320755.6/27

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

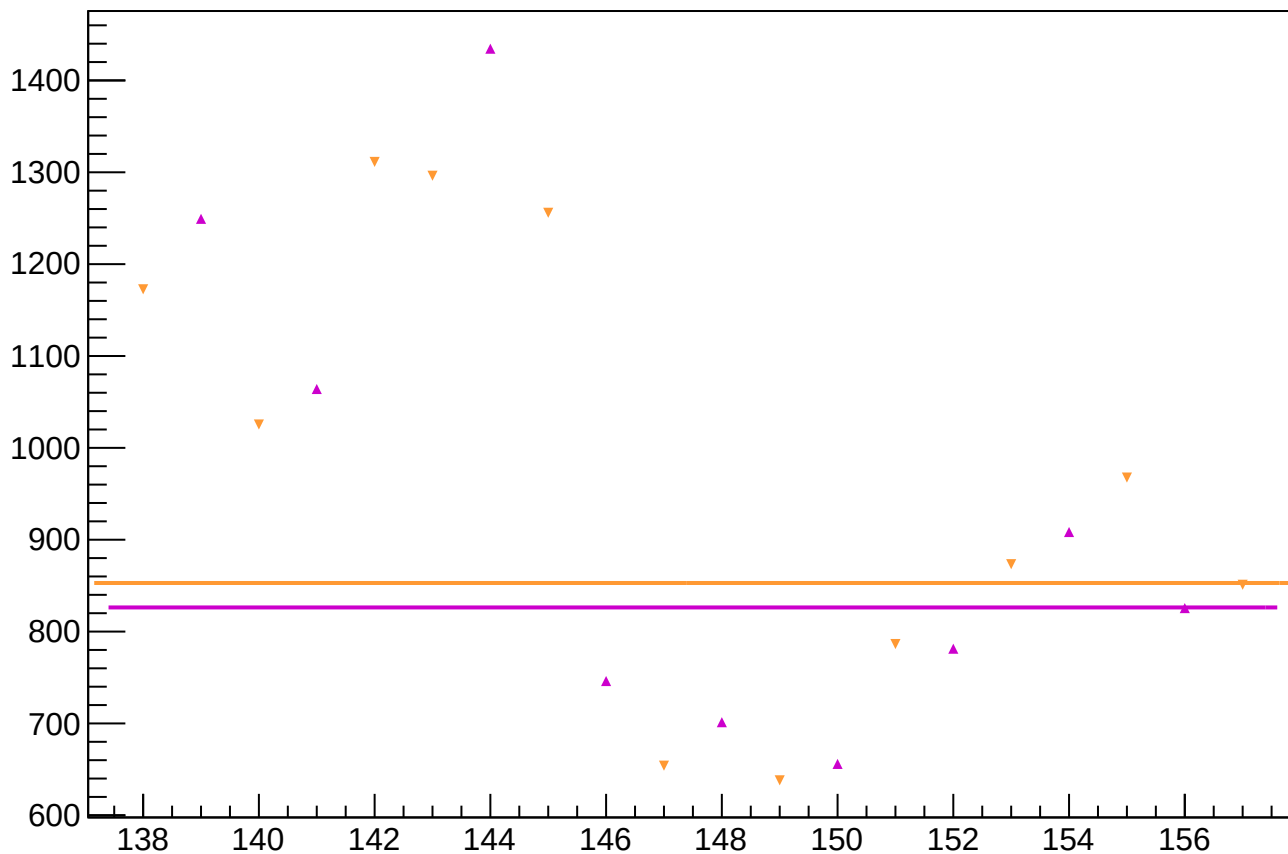
Left In: -86.507+/-311.681 χ^2/NDF :3.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -512.706+/-220.272 χ^2/NDF : 26.0/19

- 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

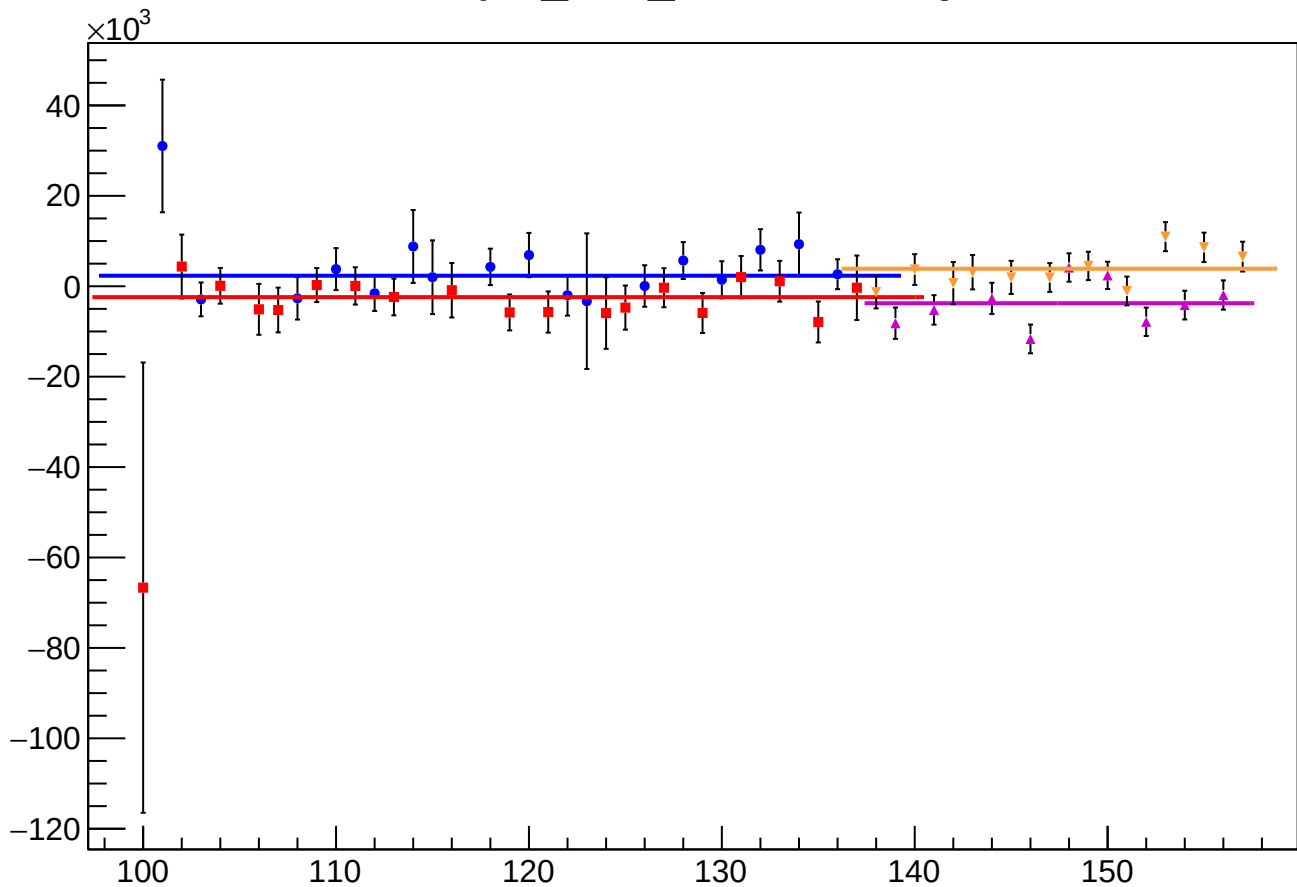
Left In: 826.271+/-0.220 χ^2/NDF : 776866.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.598+/-0.156 χ^2/NDF : 1694205.8/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 3879.287 $\pm$ 1033.326 χ^2 /NDF:13.4/10

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

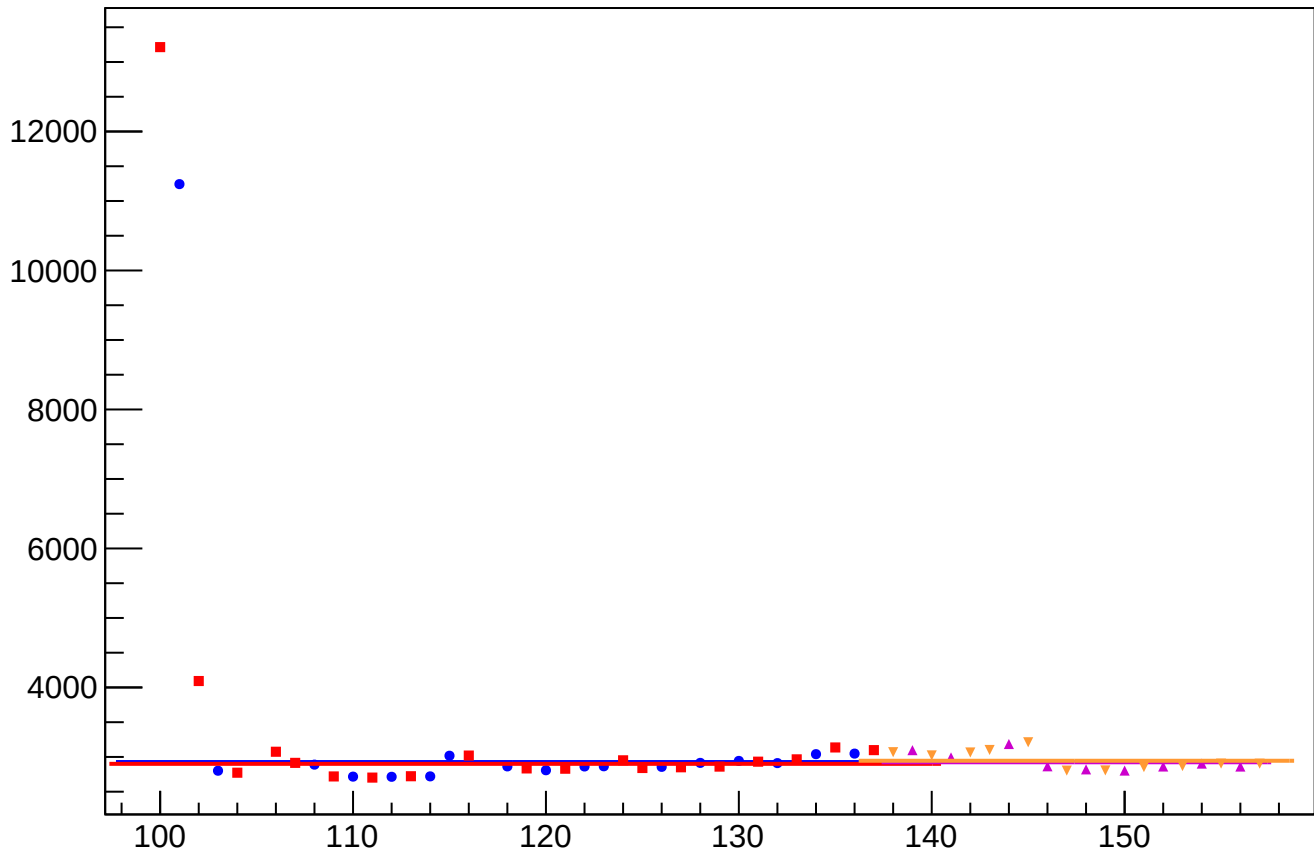
Left In: -3755.063 $\pm$ 1074.071 χ^2 /NDF:20.6/8

+ sign 3191.609 $\pm$ 770.569 χ^2 /NDF: 28.7/27

All: 50.405 $\pm$ 545.346 χ^2 /NDF: 93.5/55

- sign -3101.687 $\pm$ 771.904 χ^2 /NDF: 31.5/27

asym_atr1_rms vs Slug



Right In: 2926.610 $\pm$ 0.818 χ^2 /NDF: 662794.4/16

Left Out: 2945.141 $\pm$ 0.731 χ^2 /NDF: 29864.9/10

Right Out: 2900.827 $\pm$ 0.785 χ^2 /NDF: 169866.6/18

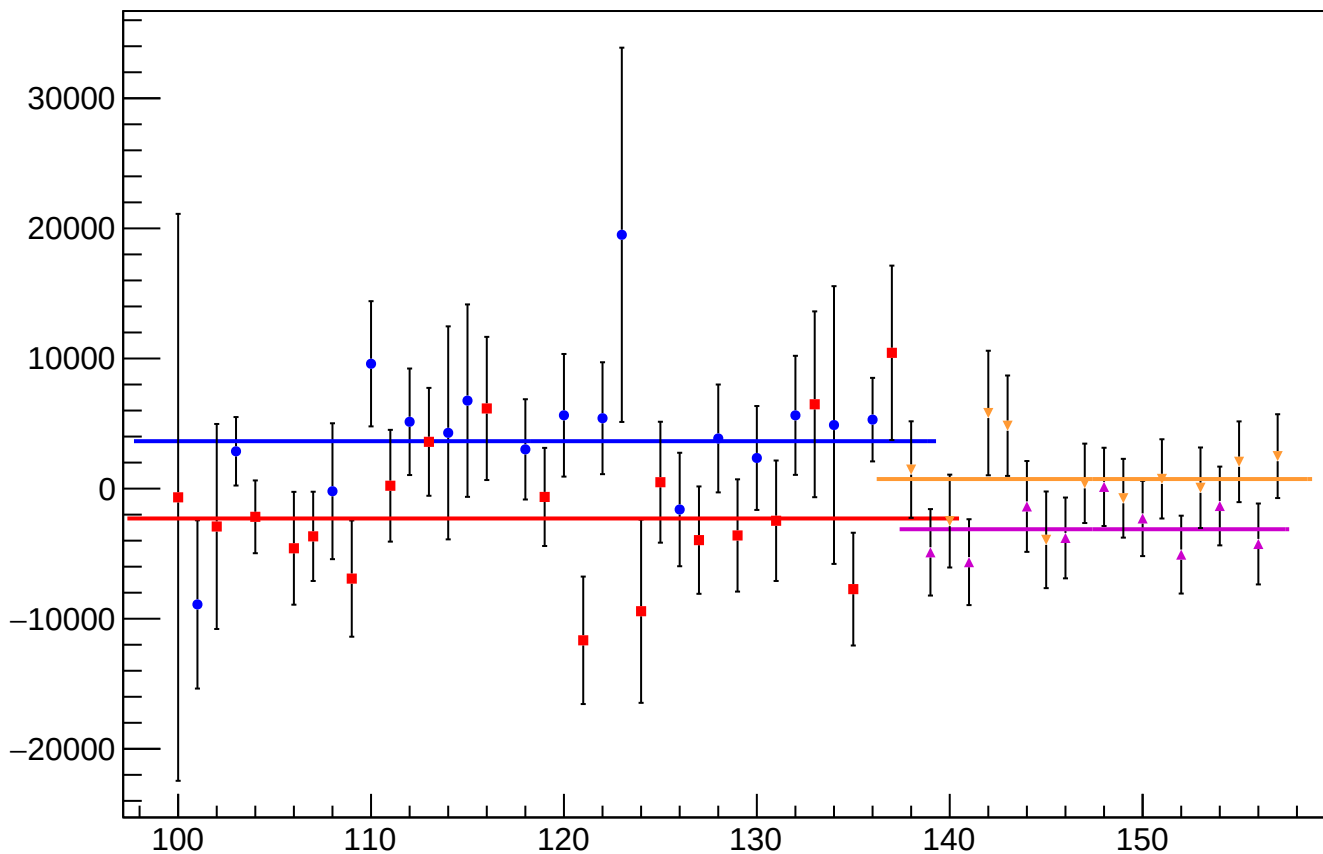
Left In: 2923.391 $\pm$ 0.759 χ^2 /NDF: 24997.1/8

+ sign 2936.915 $\pm$ 0.545 χ^2 /NDF: 692944.8/27

All: 2924.719 $\pm$ 0.386 χ^2 /NDF: 889239.0/55

- sign 2912.481 $\pm$ 0.546 χ^2 /NDF: 195290.4/27

dit_asym_atr2_mean vs Slug



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

Left Out: 734.972 $\pm$ 1018.876 χ^2 /NDF:5.5/10

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

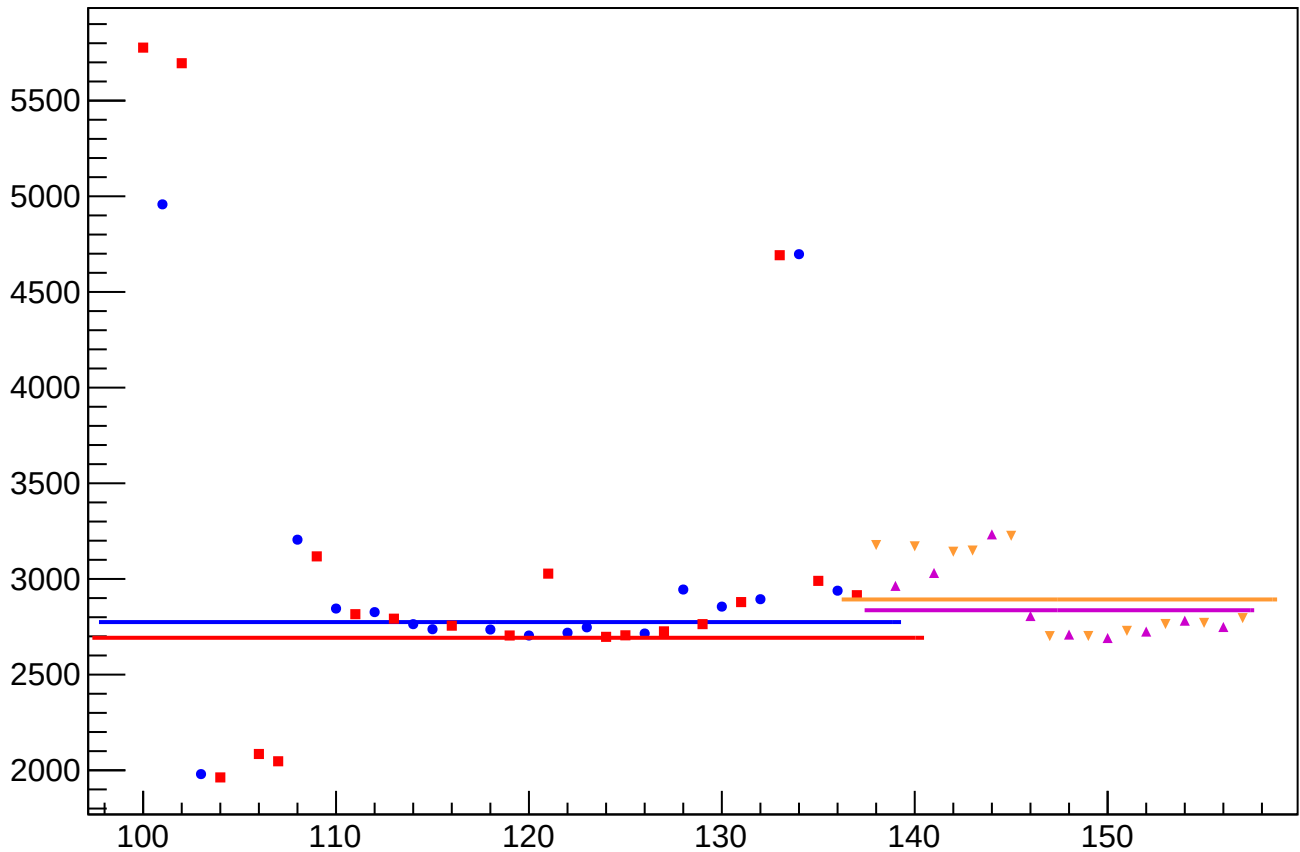
Left In: -3122.451 $\pm$ 1041.247 χ^2 /NDF:3.3/8

+ sign 2090.104 $\pm$ 744.802 χ^2 /NDF: 19.1/27

All: -331.841 $\pm$ 524.323 χ^2 /NDF: 62.2/55

- sign -2711.372 $\pm$ 738.251 χ^2 /NDF: 22.1/27

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

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

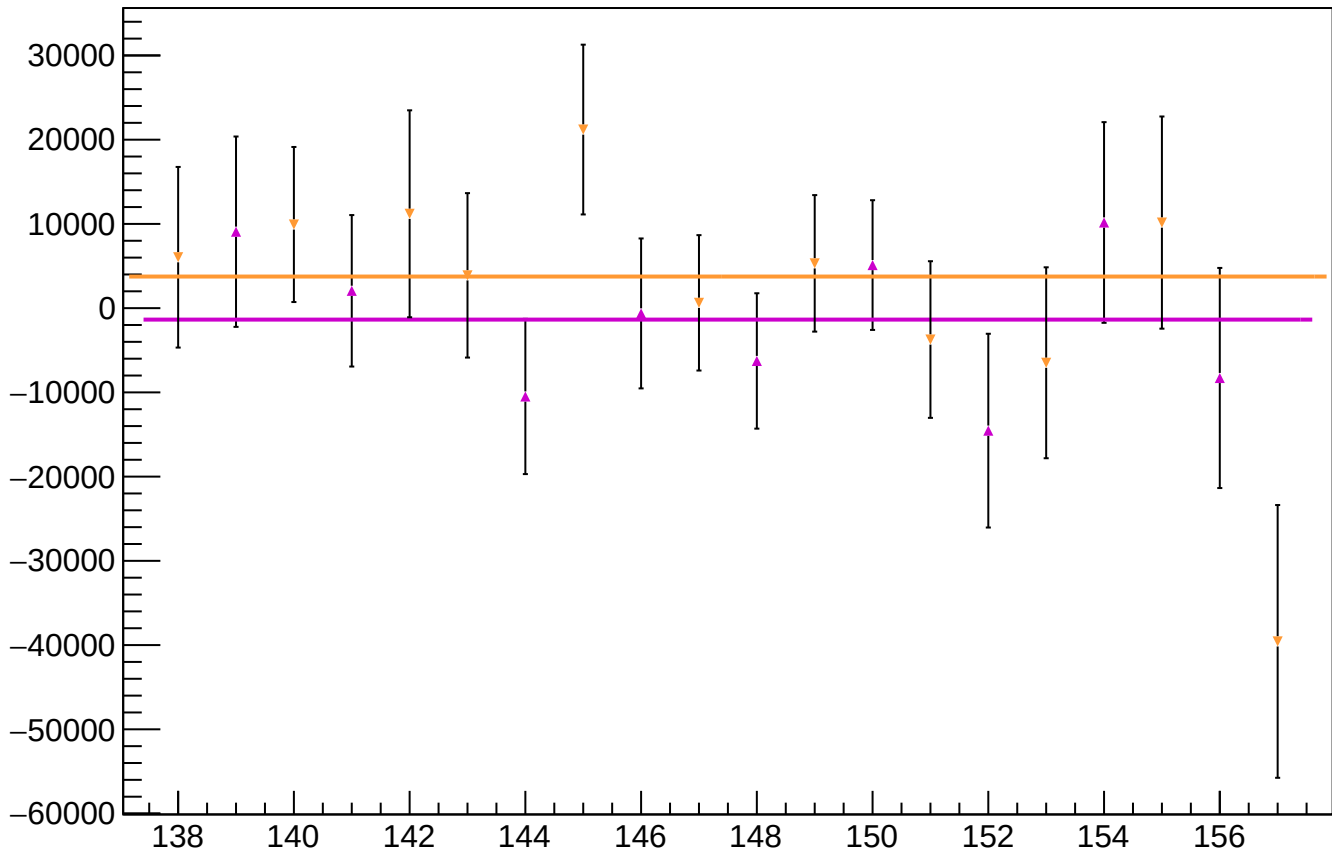
Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

All: 2800.989+/-0.371 χ^2/NDF : 1456838.3/55

- sign 2764.856+/-0.522 χ^2/NDF : 848812.2/27

Left In: 2836.475+/-0.736 χ^2/NDF : 49525.0/8

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

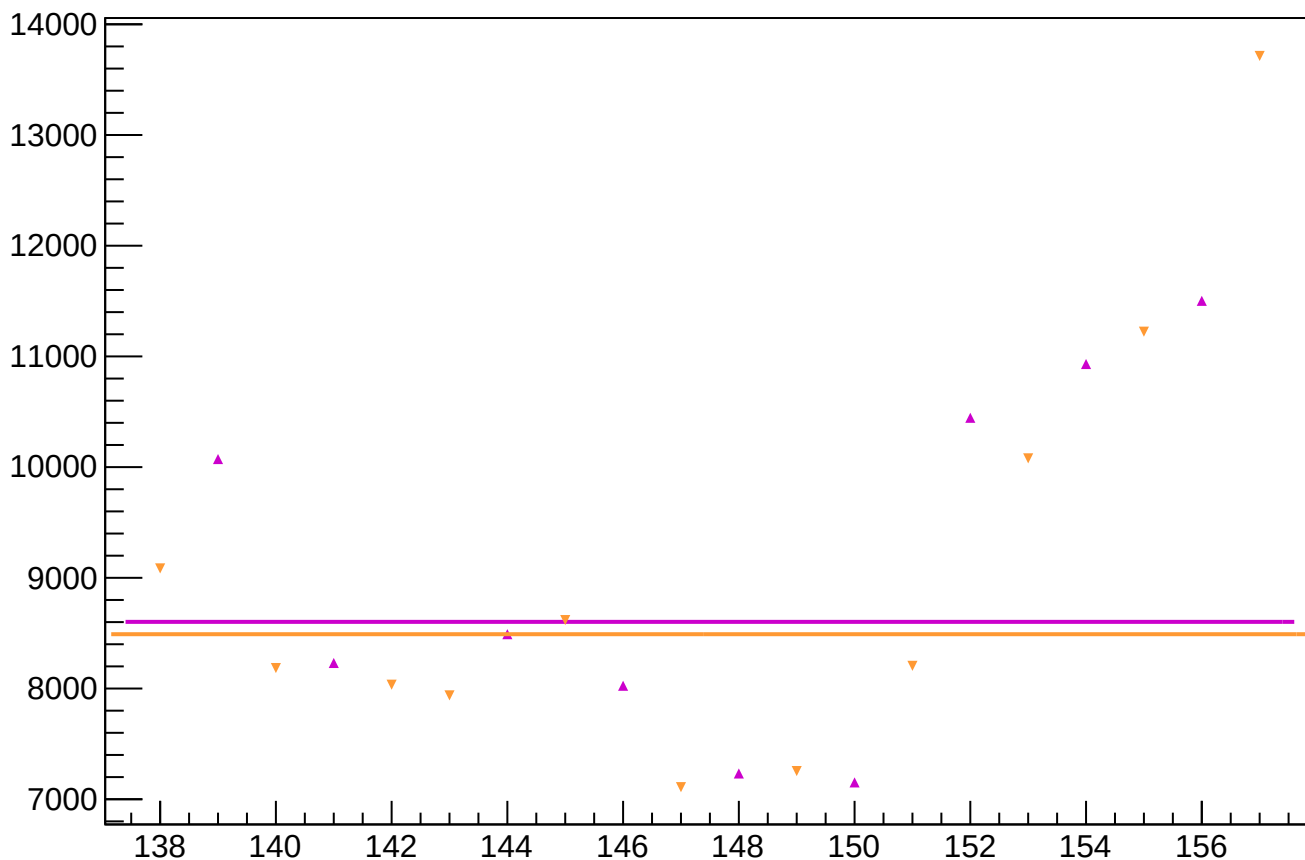
Left In: -1359.879+/-3203.948 χ^2/NDF :5.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.469+/-2208.305 χ^2/NDF : 19.9/19

- 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

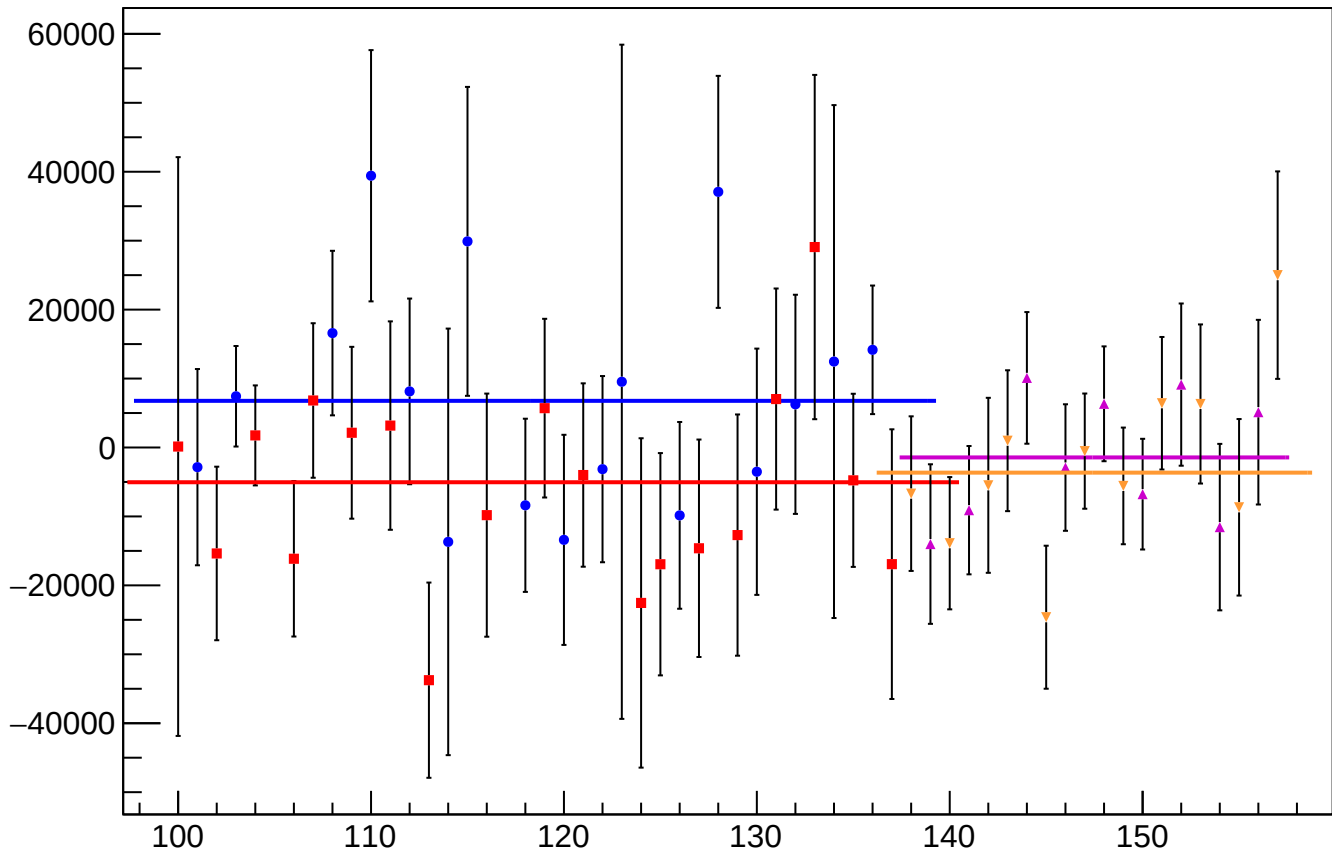
Left In: 8602.231+/-2.266 χ^2/NDF :401374.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8543.681+/-1.562 χ^2/NDF : 869602.3/19

- 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

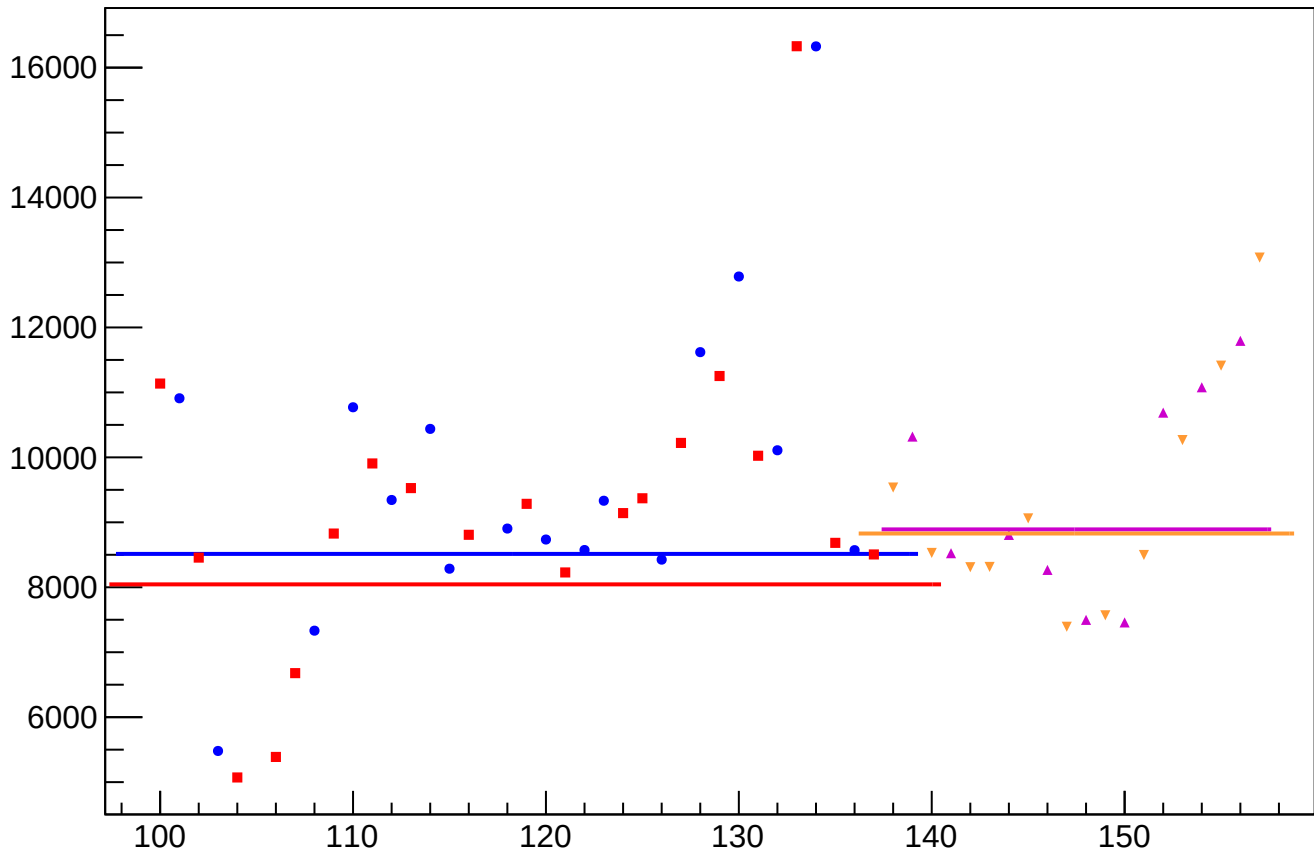
Left In: -1440.977+/-3307.075 χ^2/NDF : 6.4/8

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

All: -1088.659+/-1623.729 χ^2/NDF : 54.3/55

- sign -3318.723+/-2287.556 χ^2/NDF : 20.6/27

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

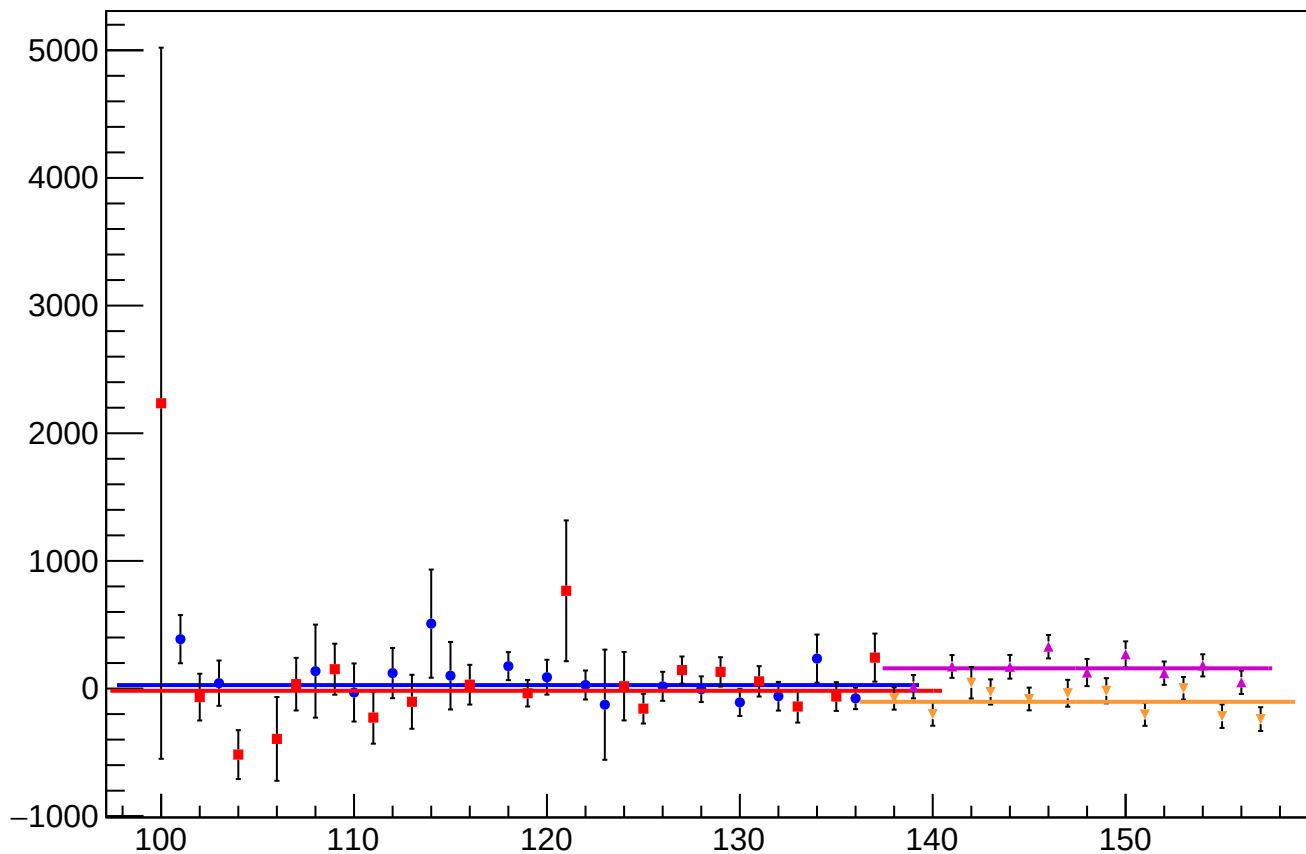
Left In: 8890.931+/-2.338 χ^2/NDF : 368868.8/8

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

All: 8565.009+/-1.148 χ^2/NDF : 2568499.3/55

- sign 8449.602+/-1.618 χ^2/NDF : 1389471.8/27

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

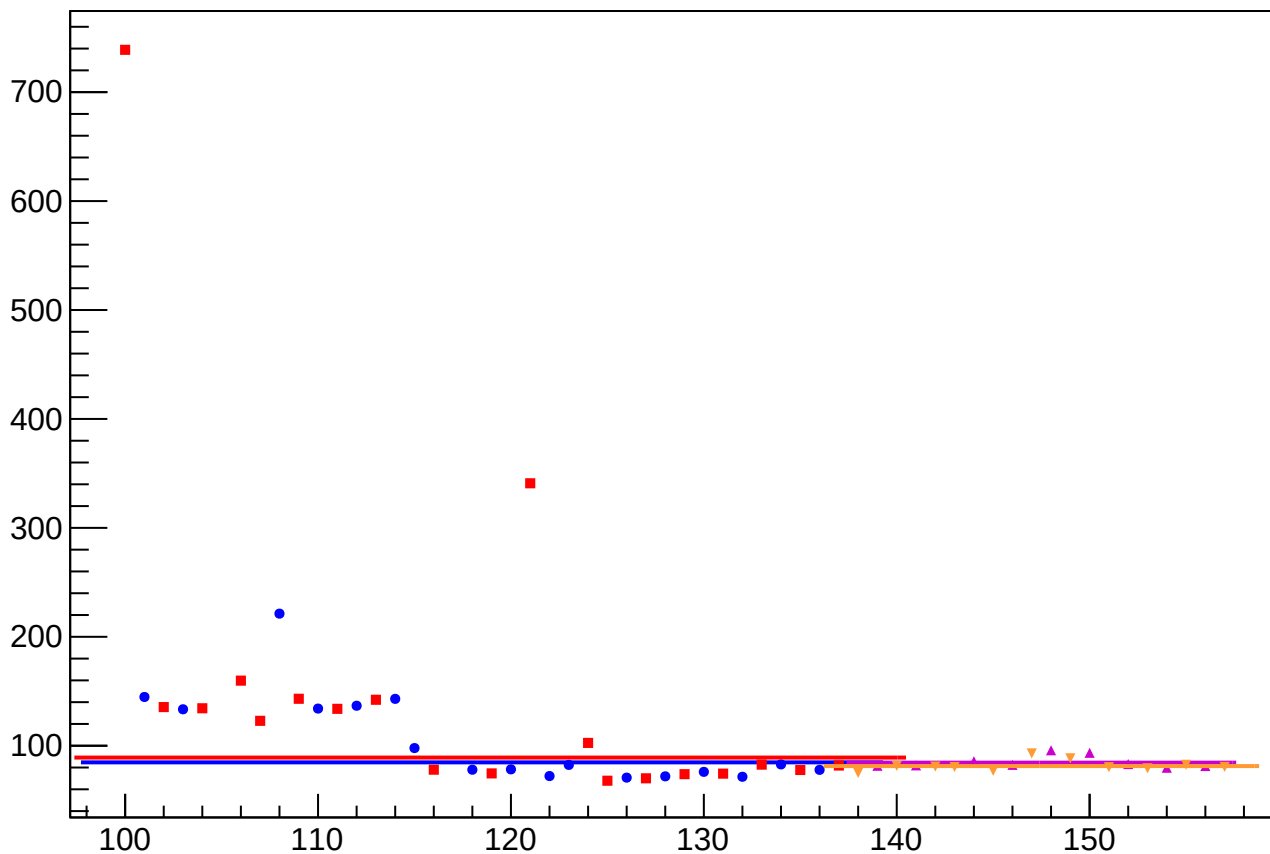
Left In: 158.351+/-31.060 χ^2/NDF : 8.9/8

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

All: 11.913+/-15.986 χ^2/NDF : 93.6/55

- sign 82.277+/-23.389 χ^2/NDF : 44.6/27

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

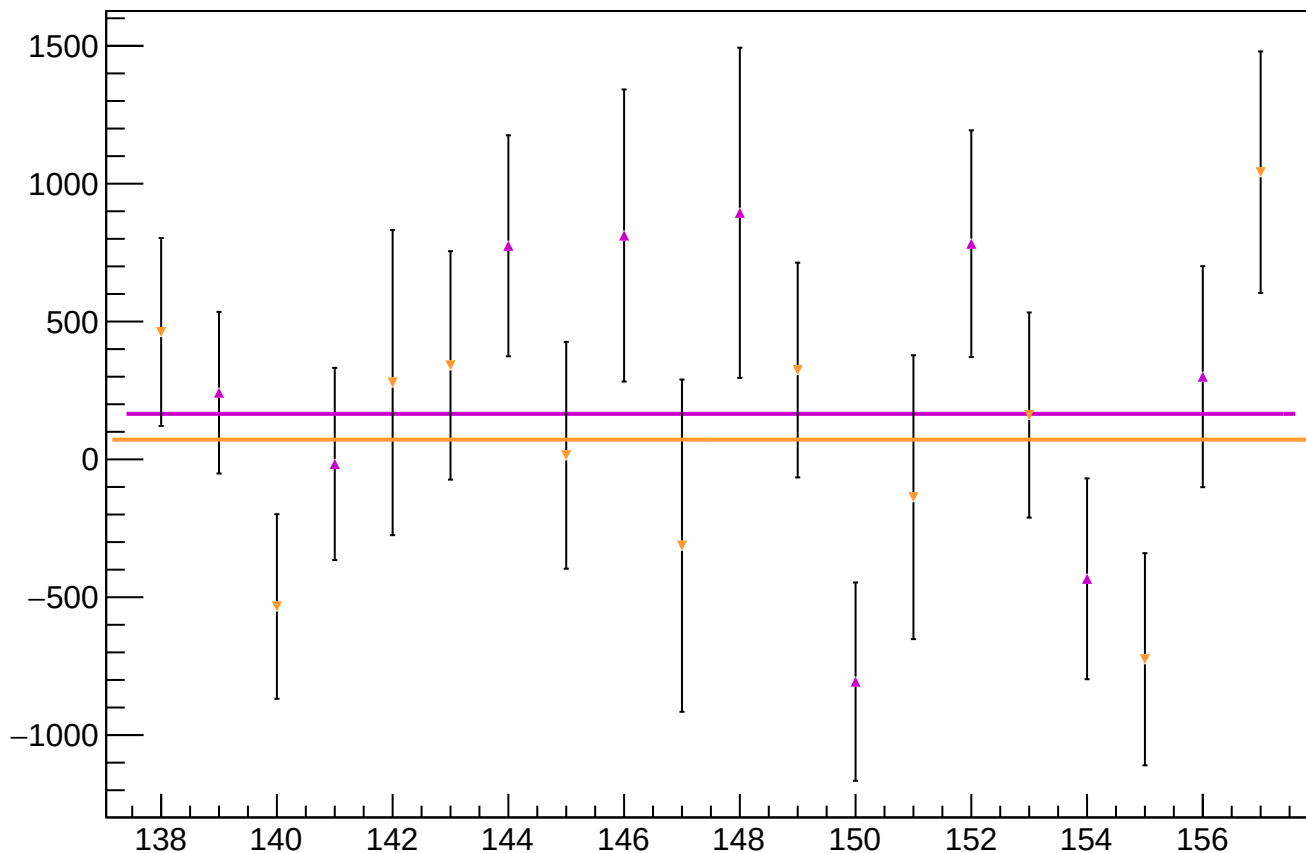
Left In: 84.488 $\pm$ 0.022 χ^2 /NDF: 52189.4/8

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

All: 84.493 $\pm$ 0.011 χ^2 /NDF: 2786854.8/55

- sign 86.504 $\pm$ 0.017 χ^2 /NDF: 1630905.2/27

asym_sam1_correction_mean vs Slug



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

Left Out: 71.675 $\pm$ 124.190 χ^2 /NDF:15.4/10

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

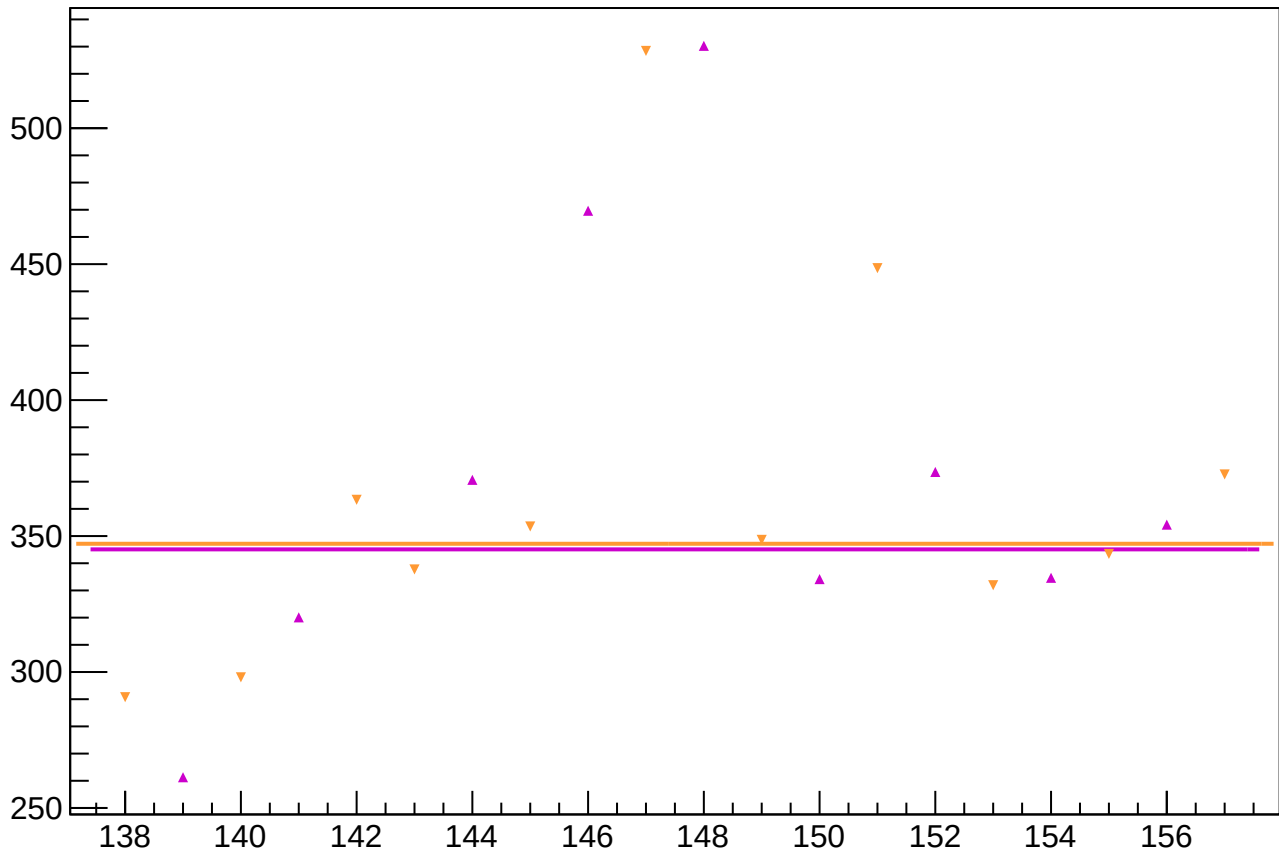
Left In: 165.245 $\pm$ 129.261 χ^2 /NDF:18.0/8

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

All: 116.588 $\pm$ 89.555 χ^2 /NDF: 33.7/19

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

asym_sam1_correction_rms vs Slug



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

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

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

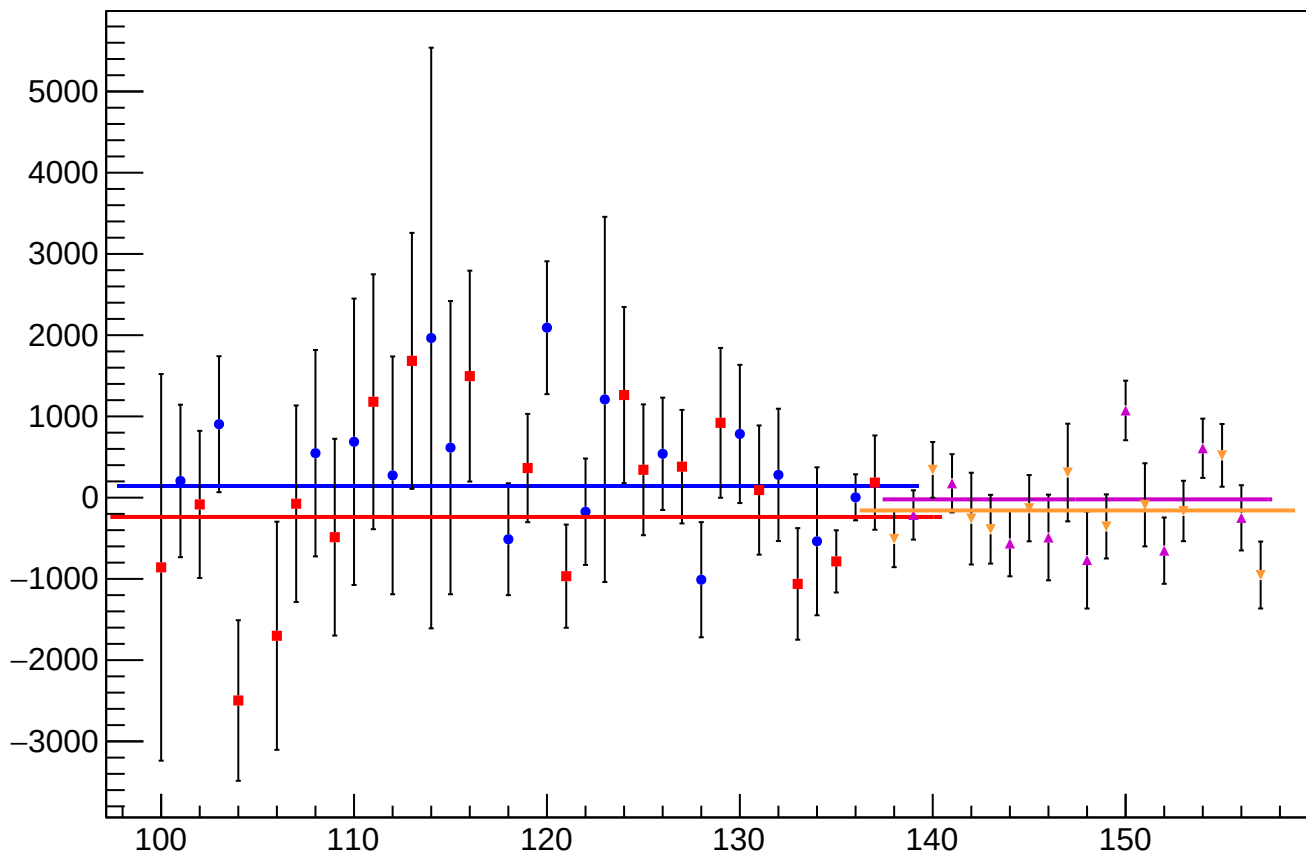
Left In: 345.102+/-0.091 χ^2/NDF : 497723.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.175+/-0.063 χ^2/NDF : 867933.2/19

- 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

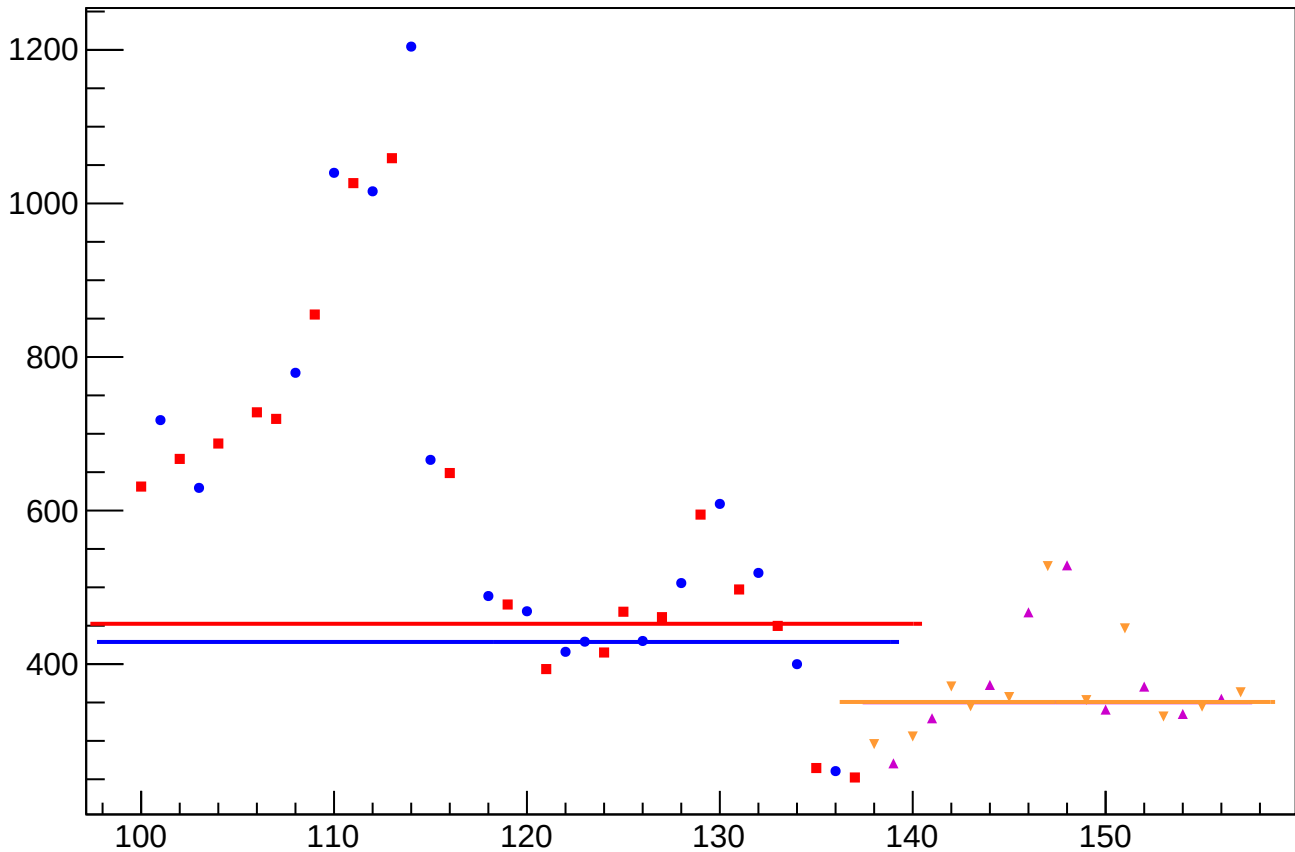
Left In: -21.030 $\pm$ 130.949 χ^2 /NDF:19.5/8

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

All: -75.941 $\pm$ 73.851 χ^2 /NDF: 67.9/55

- sign -93.918 $\pm$ 106.688 χ^2 /NDF: 42.1/27

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

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

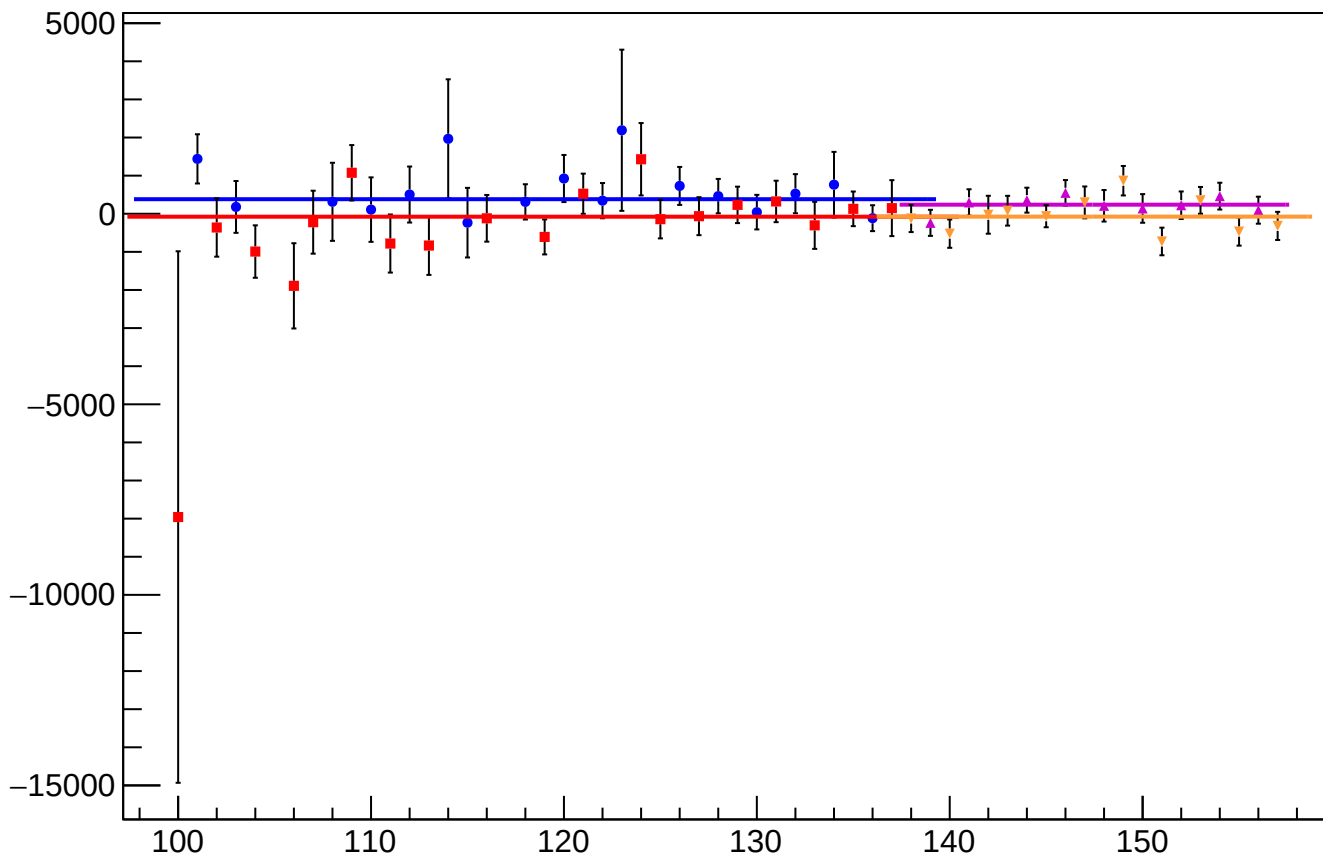
Left In: 350.299+/-0.093 χ^2/NDF : 437813.6/8

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

All: 380.239+/-0.052 χ^2/NDF : 5501122.2/55

- sign 384.667+/-0.075 χ^2/NDF : 2886782.9/27

dit_asym_sam2_mean vs Slug



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

Left Out: -75.622 ± 111.520 χ^2/NDF : 14.6/10

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

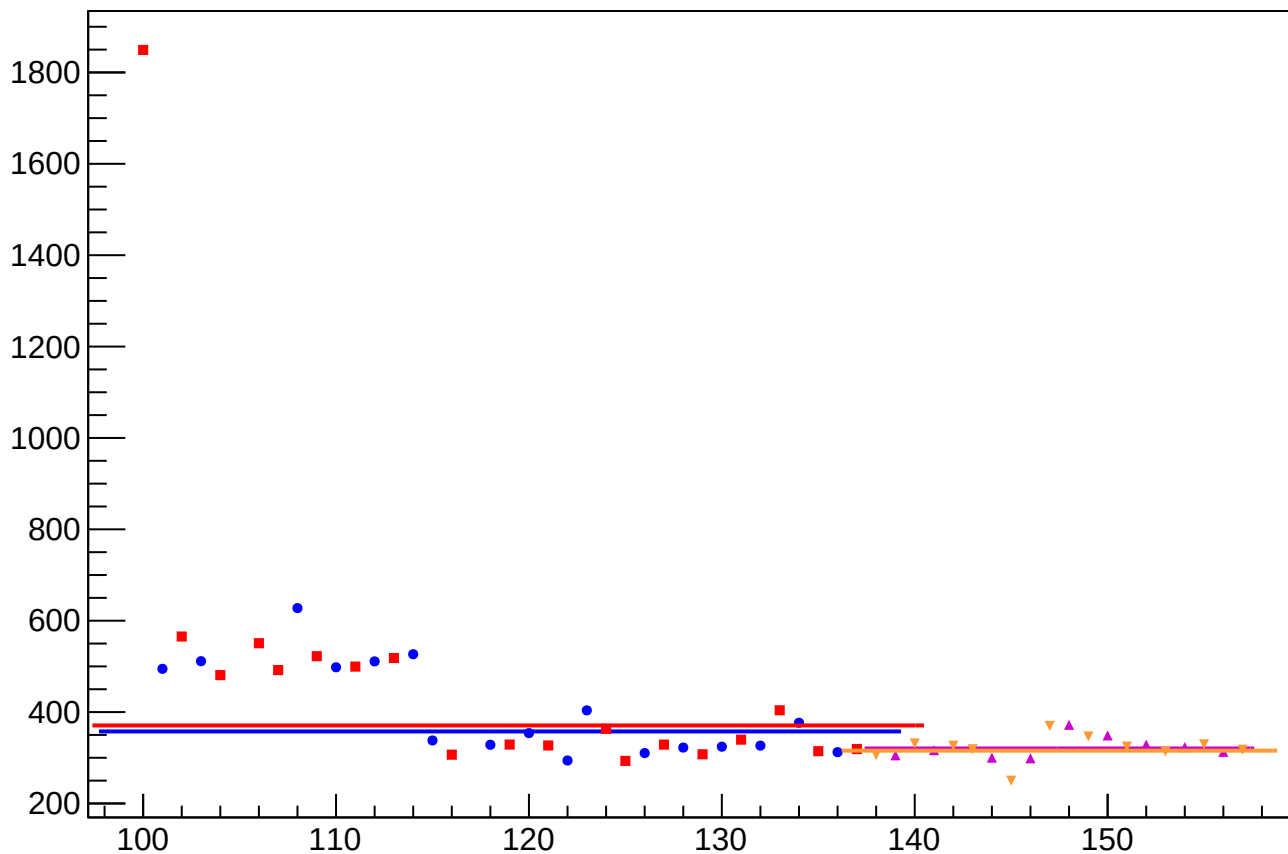
Left In: 237.817 ± 117.962 χ^2/NDF : 3.6/8

+ sign 100.147 ± 87.514 χ^2/NDF : 30.5/27

All: 105.180 ± 63.117 χ^2/NDF : 53.8/55

- sign 110.636 ± 91.117 χ^2/NDF : 23.3/27

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

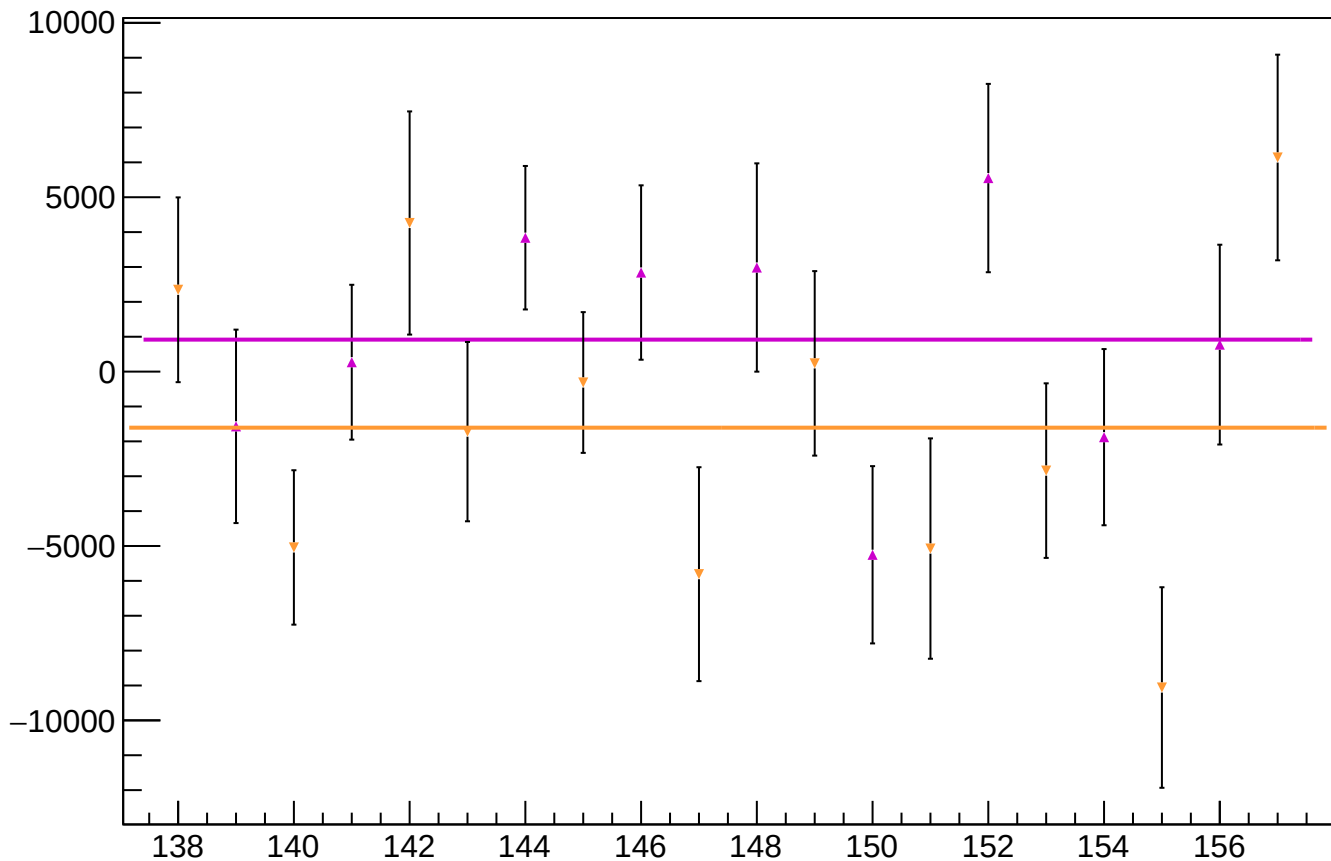
Left In: 320.341 $\pm$ 0.083 χ^2 /NDF: 64959.2/8

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

All: 336.056 $\pm$ 0.045 χ^2 /NDF: 1905966.1/55

- sign 340.691 $\pm$ 0.064 χ^2 /NDF: 997319.7/27

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

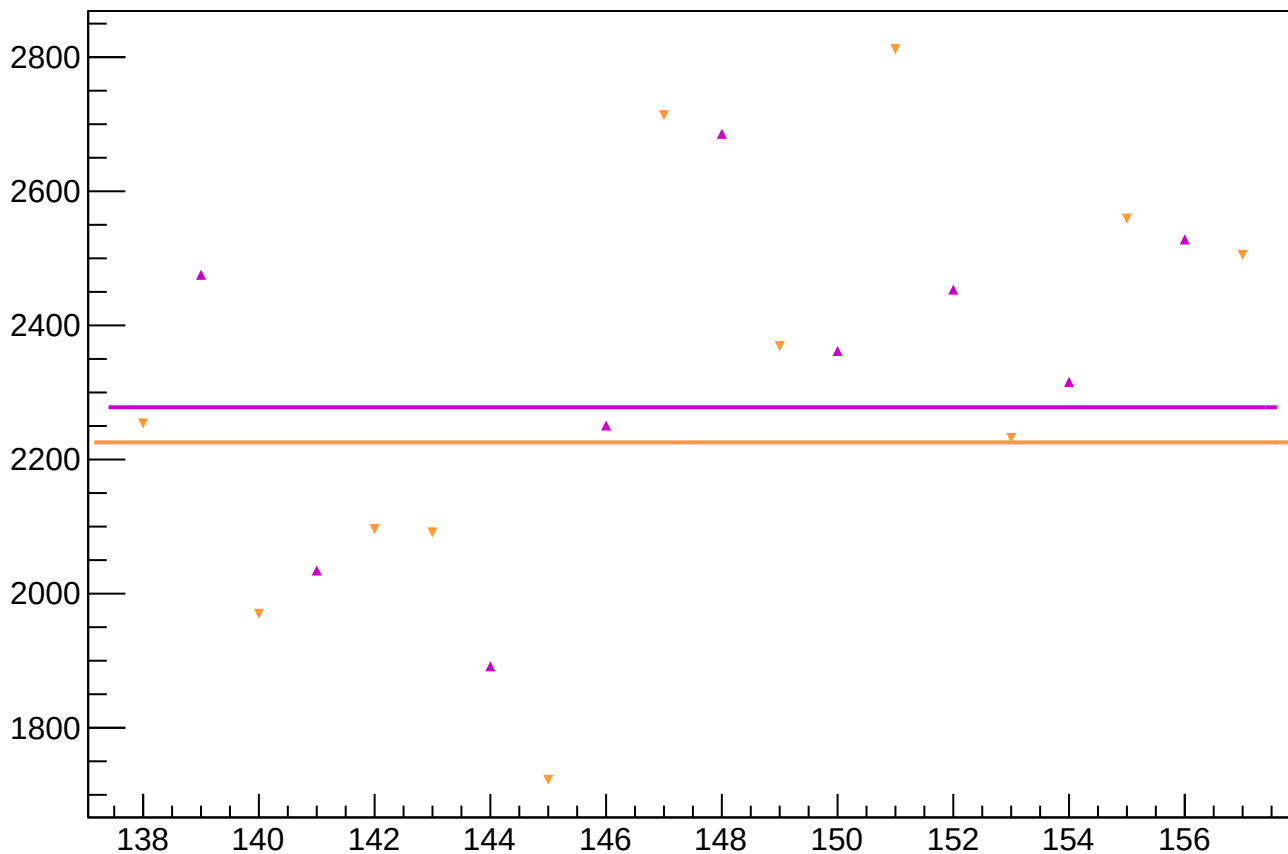
Left In: 917.149 $\pm$ 841.599 χ^2 /NDF:14.0/8

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

All: -418.633 $\pm$ 577.537 χ^2 /NDF: 44.6/19

- 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

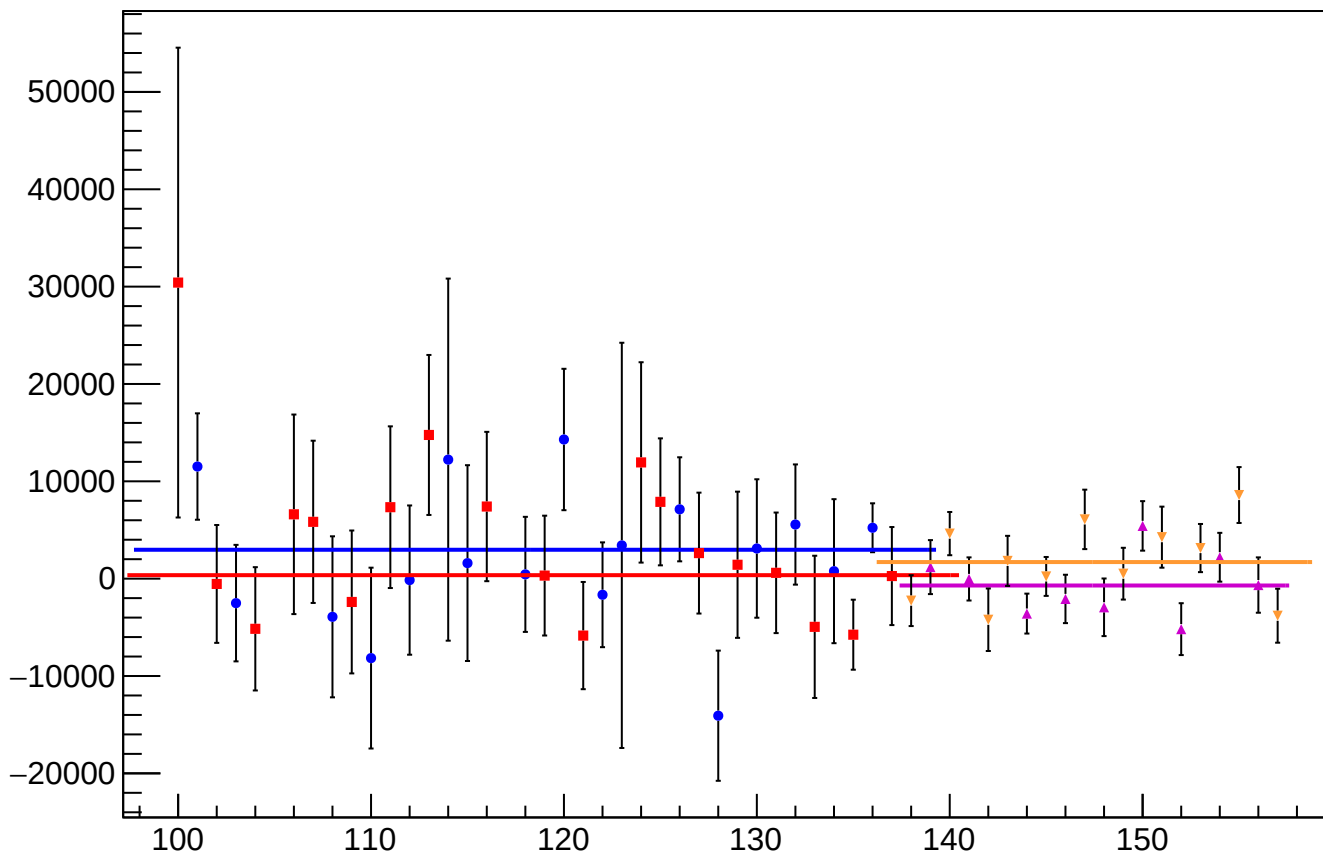
Left In: 2277.882+/-0.595 χ^2/NDF : 168559.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.208+/-0.408 χ^2/NDF : 503006.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 1705.837 $\pm$ 787.376 χ^2 /NDF:21.0/10

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

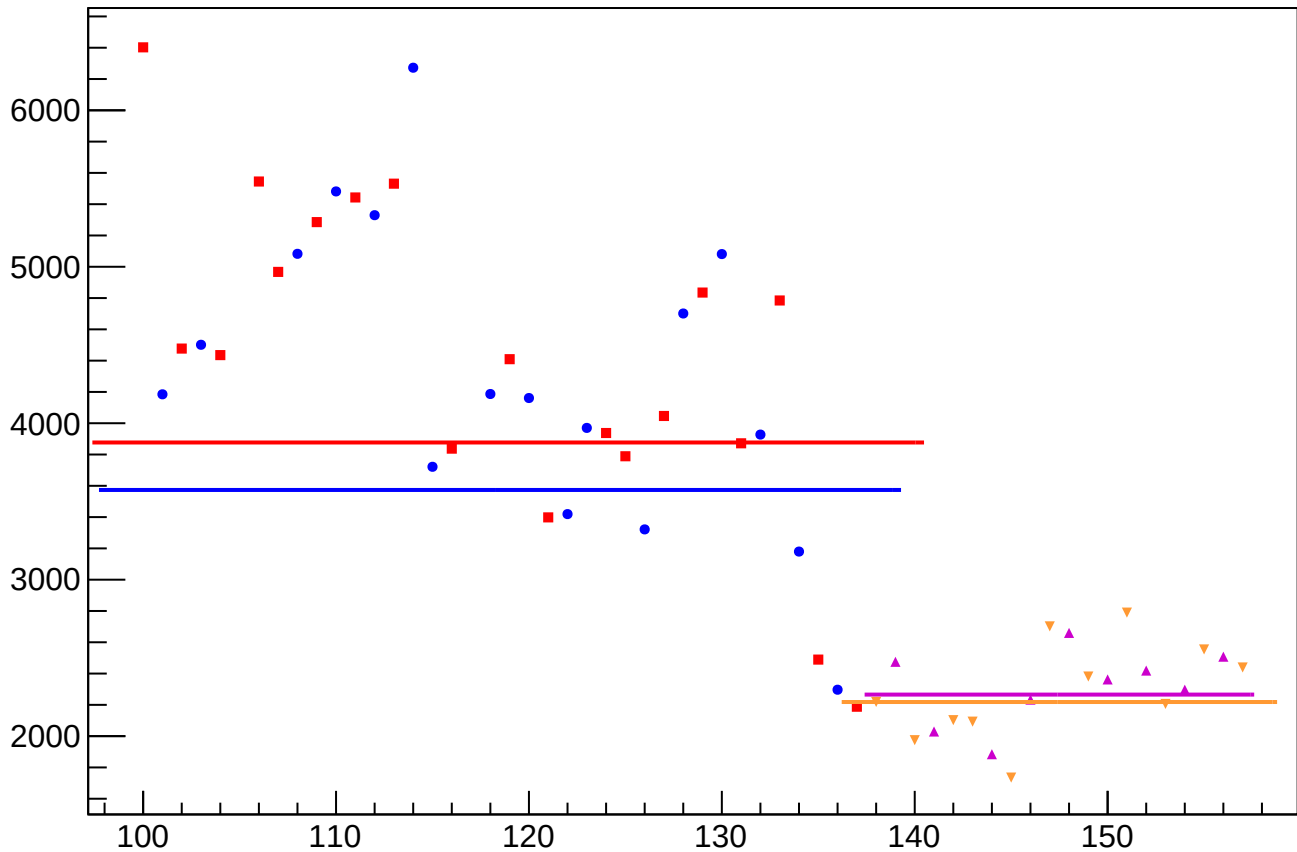
Left In: -702.507 $\pm$ 837.362 χ^2 /NDF:13.4/8

+ sign 1996.448 $\pm$ 690.900 χ^2 /NDF: 38.9/27

All: 842.745 $\pm$ 502.430 χ^2 /NDF: 74.0/55

- sign -452.178 $\pm$ 731.965 χ^2 /NDF: 29.1/27

asym_sam2_rms vs Slug



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

Left Out: 2218.163+/-0.557 χ^2/NDF : 312514.9/10

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

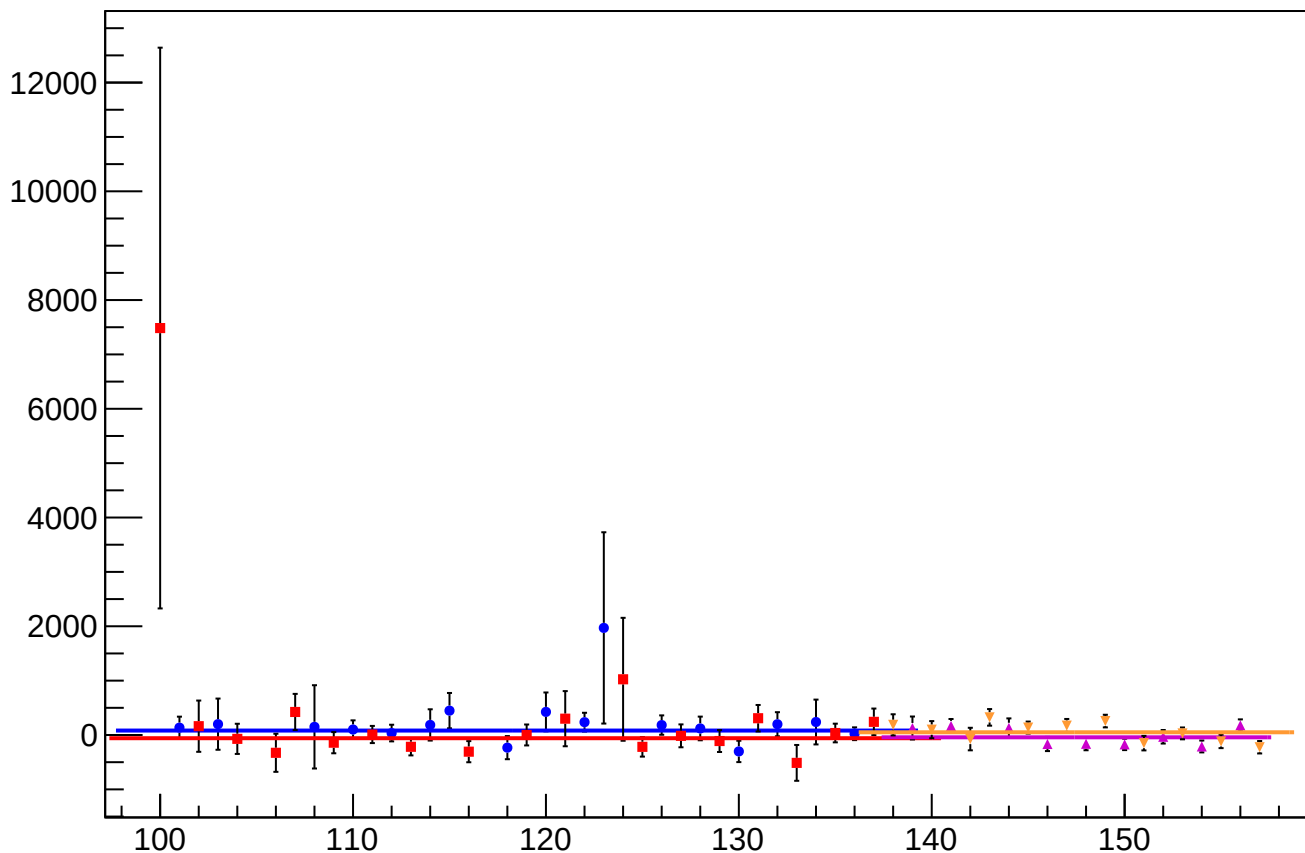
Left In: 2265.606+/-0.592 χ^2/NDF : 163397.7/8

+ sign 2529.943+/-0.489 χ^2/NDF : 2764420.6/27

All: 2584.485+/-0.355 χ^2/NDF : 5689618.4/55

- sign 2645.704+/-0.518 χ^2/NDF : 2898743.5/27

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

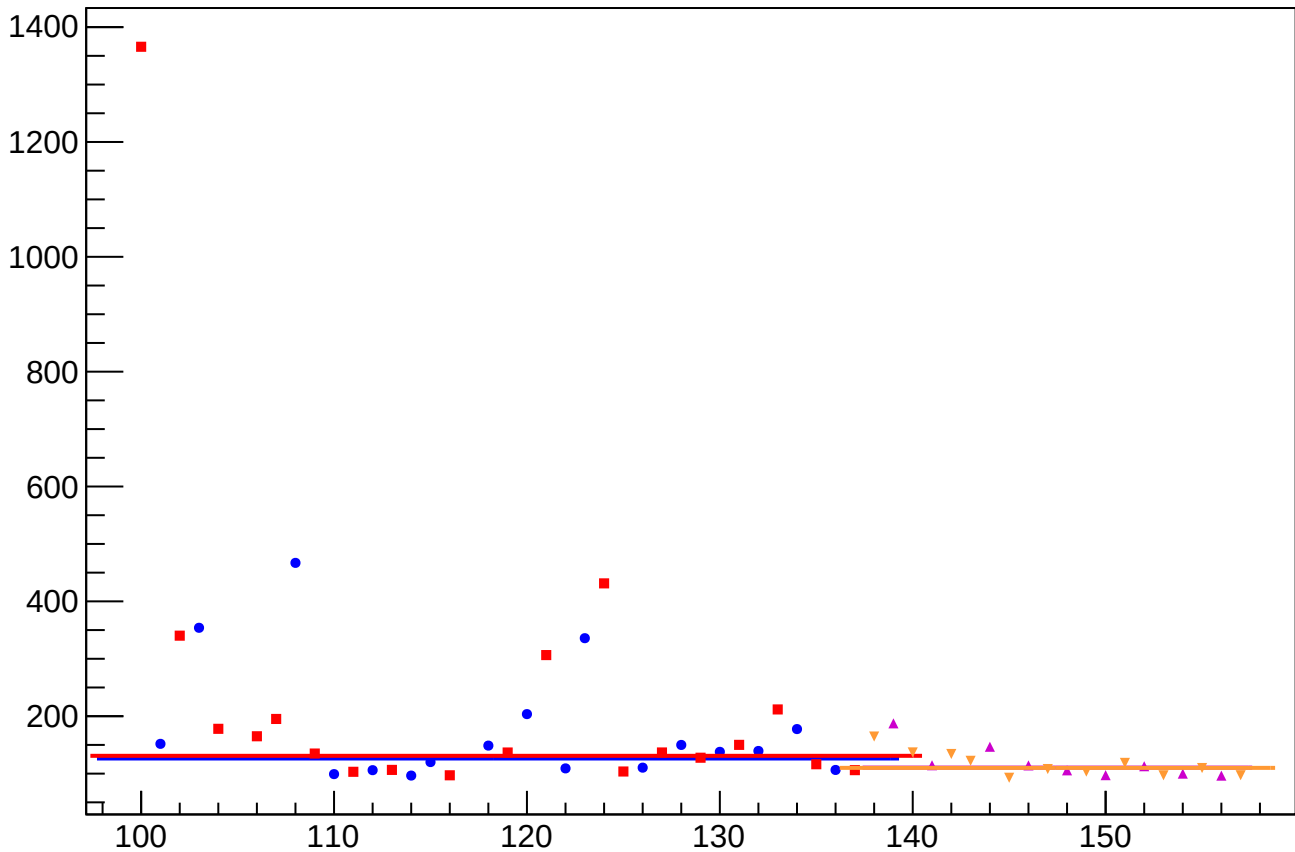
Left In: -42.523+/-41.933 χ^2/NDF : 14.2/8

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

All: 8.968+/-22.755 χ^2/NDF : 67.2/55

- sign -48.845+/-32.924 χ^2/NDF : 30.7/27

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

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

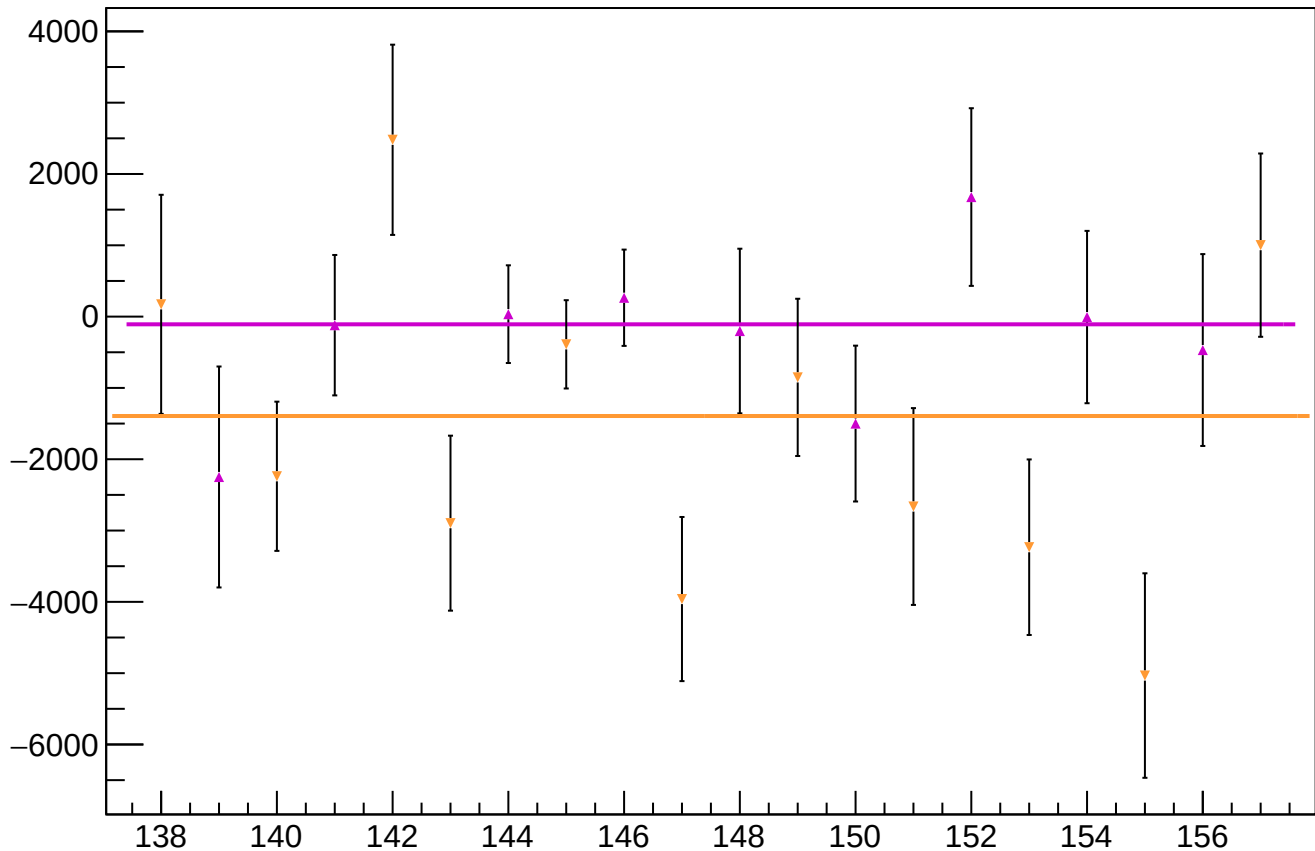
Left In: 110.477 $\pm$ 0.030 χ^2 /NDF: 443392.0/8

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

All: 117.135 $\pm$ 0.016 χ^2 /NDF: 3870649.3/55

- sign 118.350 $\pm$ 0.023 χ^2 /NDF: 2056519.2/27

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

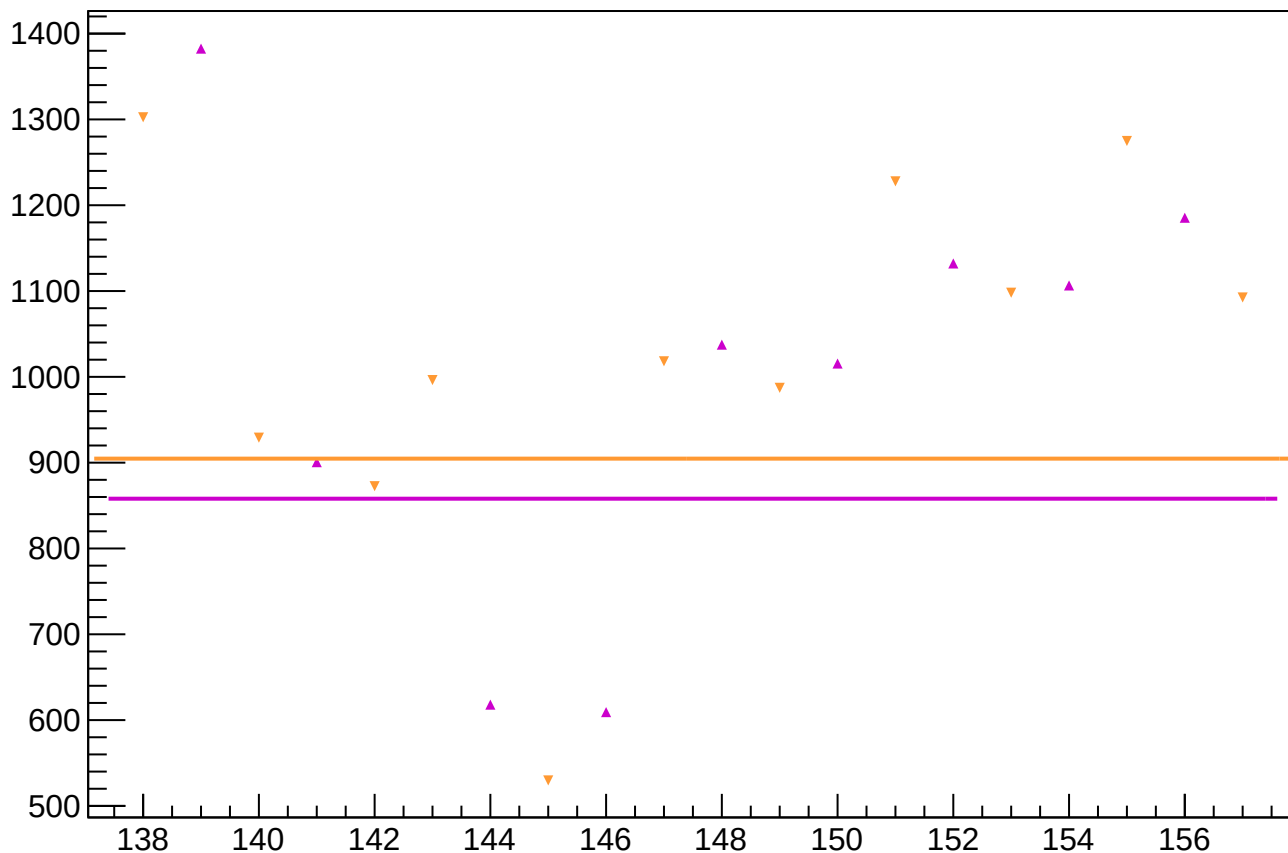
Left In: -107.994+/-328.932 χ^2/NDF :6.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.374+/-233.955 χ^2/NDF : 46.0/19

- 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

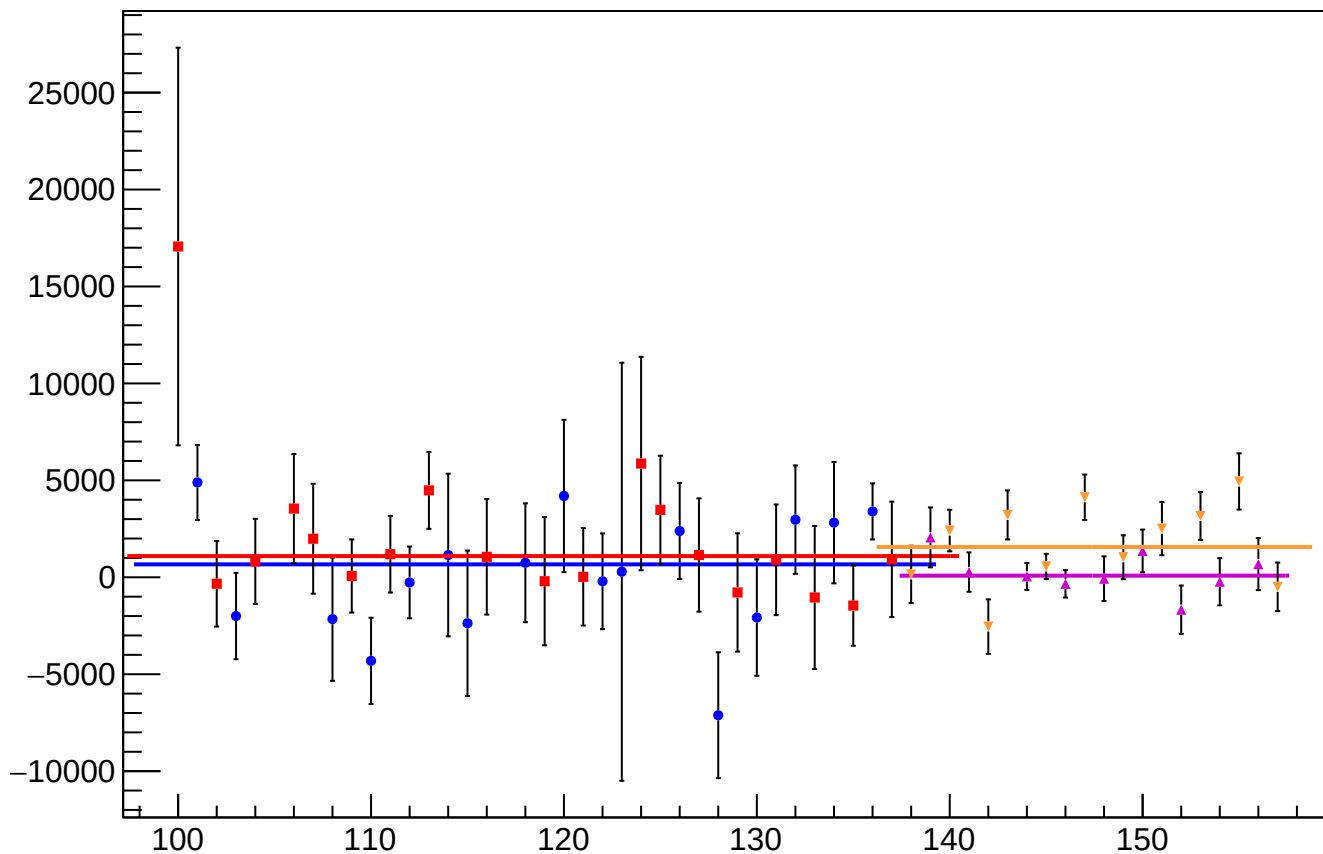
Left In: 858.012+/-0.233 χ^2/NDF :1139656.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.080+/-0.165 χ^2/NDF : 2406513.6/19

- 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

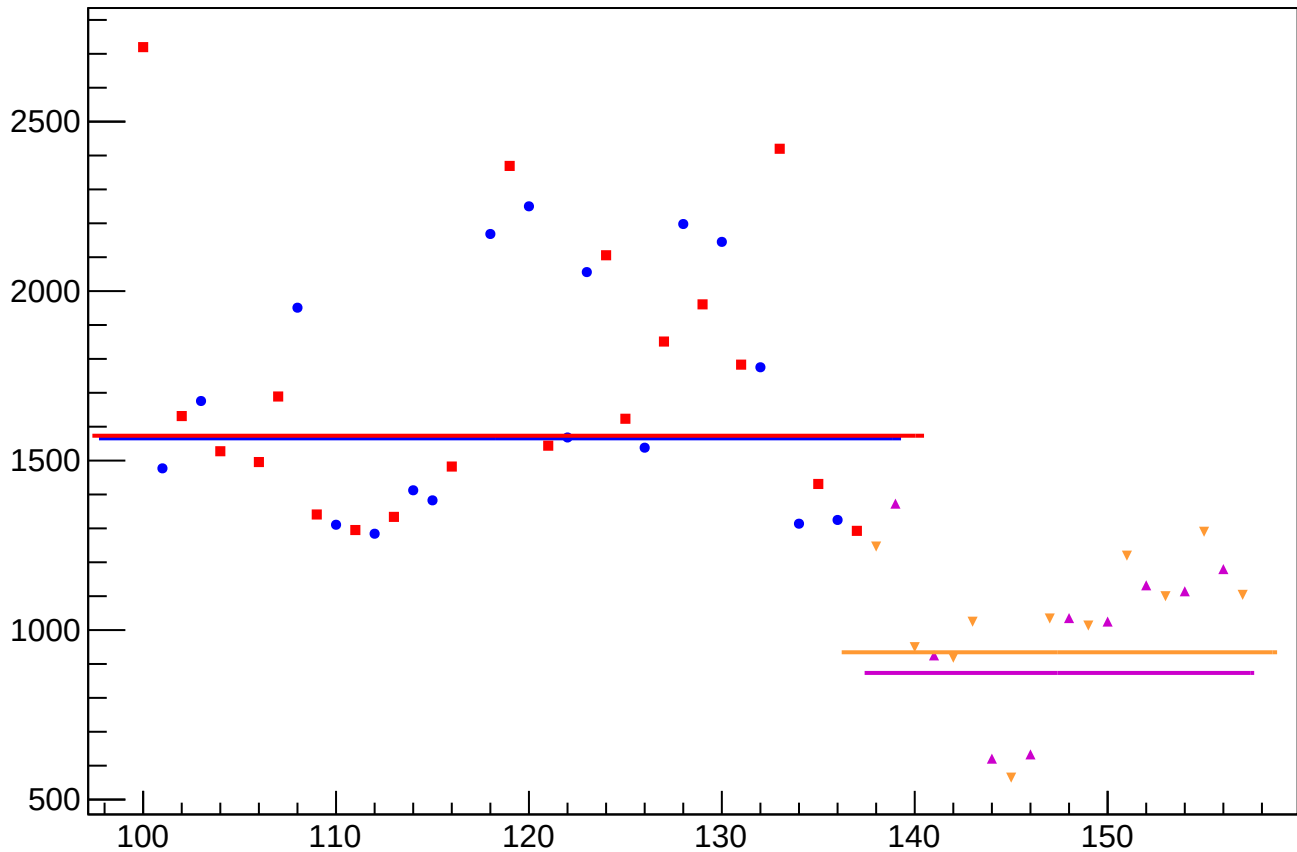
Left In: 84.274 ± 334.914 χ^2/NDF : 5.6/8

+ sign 1354.896 ± 298.193 χ^2/NDF : 56.7/27

All: 829.234 ± 208.901 χ^2/NDF : 81.6/55

- sign 322.608 ± 292.744 χ^2/NDF : 18.8/27

asym_sam3_rms vs Slug



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

Left Out: 934.493+/-0.241 χ^2/NDF : 1049935.9/10

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

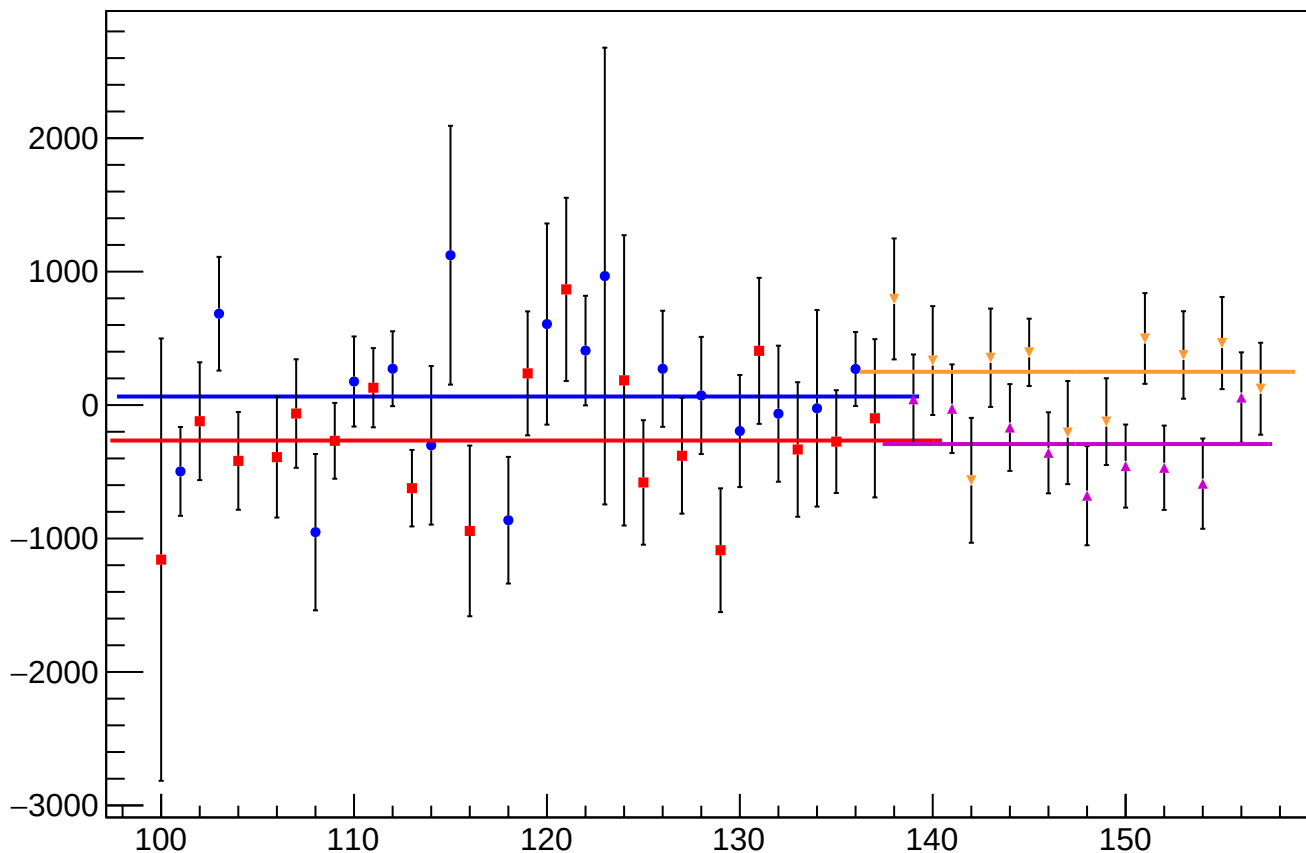
Left In: 873.572+/-0.237 χ^2/NDF : 1056837.8/8

+ sign 1081.034+/-0.211 χ^2/NDF : 3137954.0/27

All: 1059.479+/-0.148 χ^2/NDF : 6737813.5/55

- sign 1038.704+/-0.207 χ^2/NDF : 3579337.2/27

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

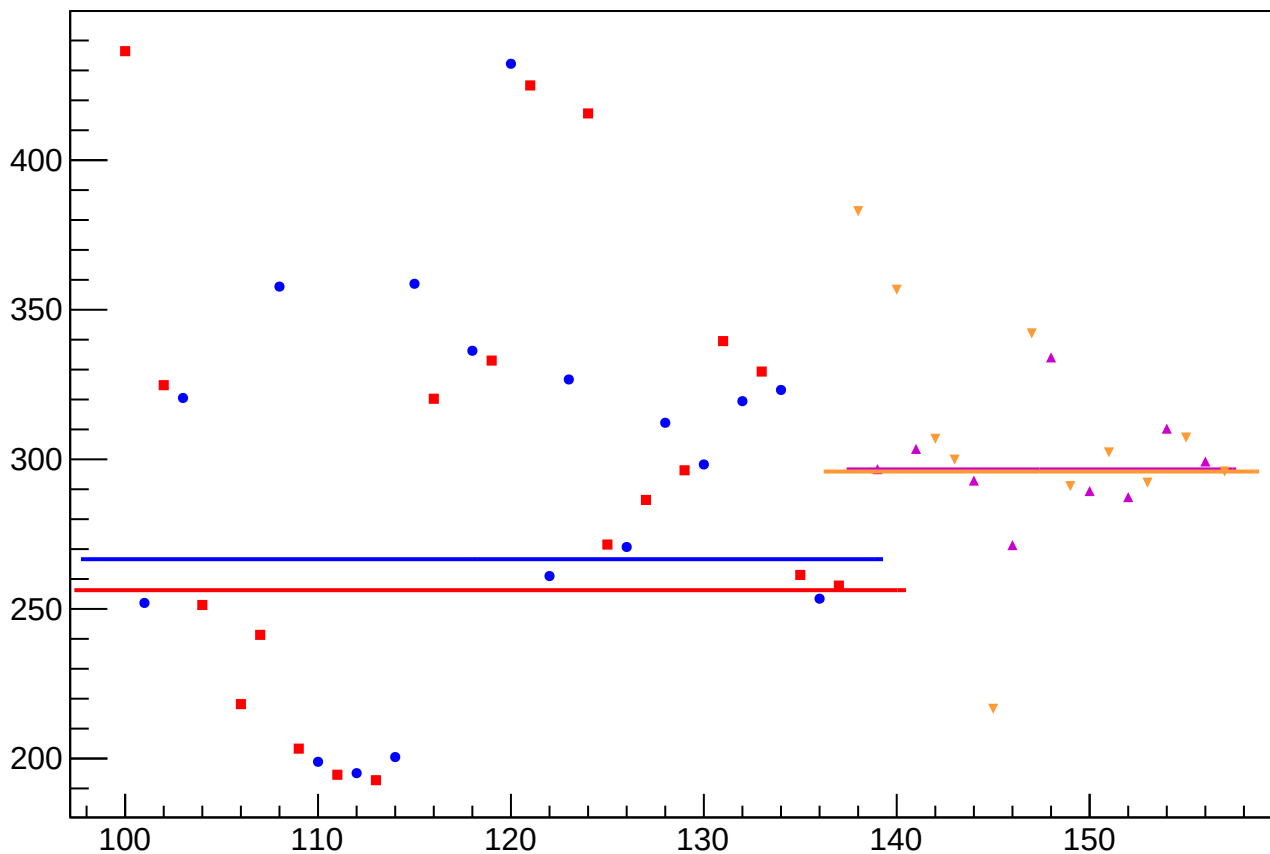
Left In: -292.118 ± 109.573 χ^2/NDF : 5.3/8

+ sign 156.434 ± 74.618 χ^2/NDF : 27.1/27

All: -63.529 ± 52.404 χ^2/NDF : 64.4/55

- sign -277.602 ± 73.613 χ^2/NDF : 20.1/27

dit_asym_sam4_rms vs Slug



Right In: 266.624 ± 0.074 $\chi^2/\text{NDF}: 550752.5/16$

Left Out: 295.927 ± 0.075 $\chi^2/\text{NDF}: 349294.9/10$

Right Out: 256.268 ± 0.070 $\chi^2/\text{NDF}: 696896.2/18$

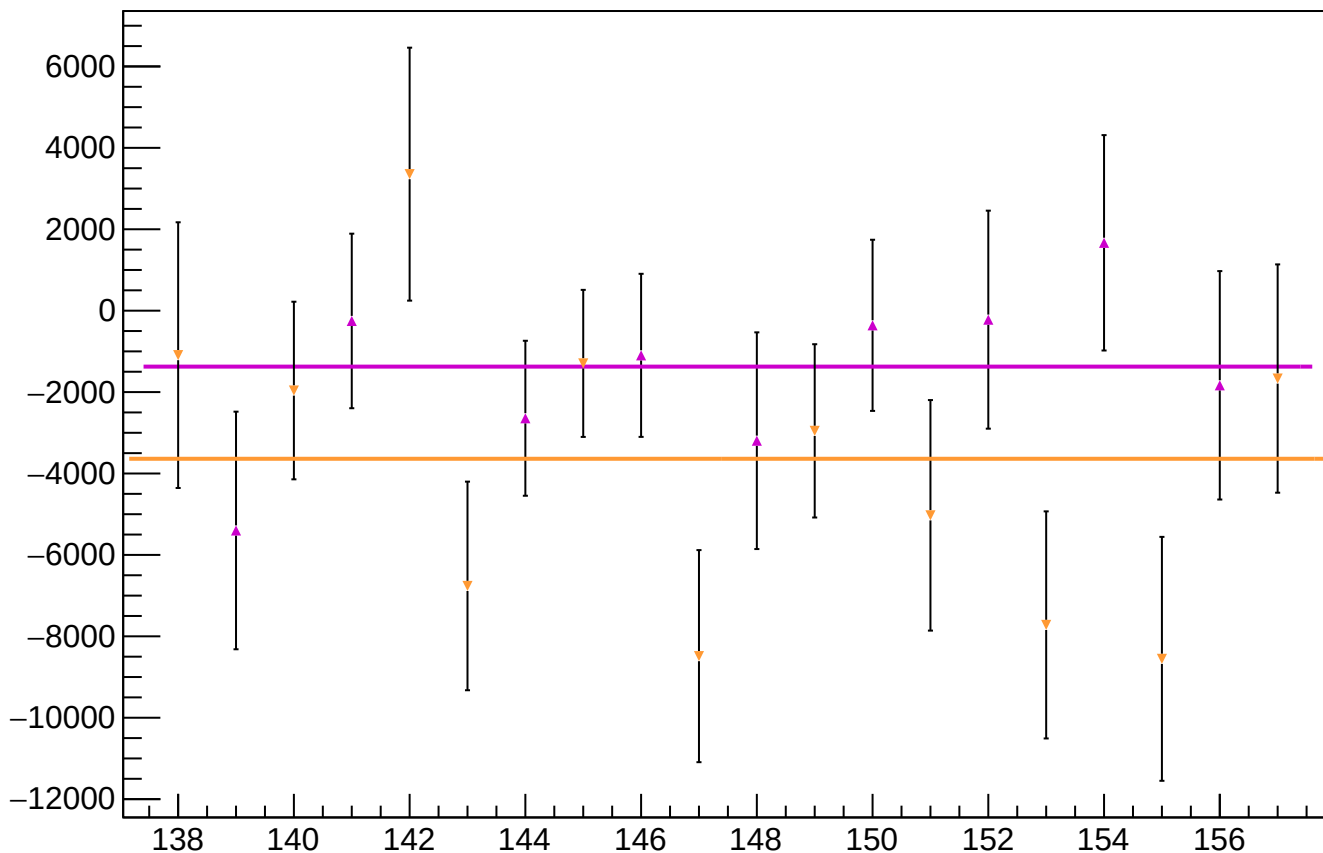
Left In: 296.632 ± 0.077 $\chi^2/\text{NDF}: 41468.3/8$

+ sign 281.223 ± 0.053 $\chi^2/\text{NDF}: 977155.3/27$

All: 277.809 ± 0.037 $\chi^2/\text{NDF}: 1872688.3/55$

- sign 274.486 ± 0.052 $\chi^2/\text{NDF}: 887269.8/27$

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

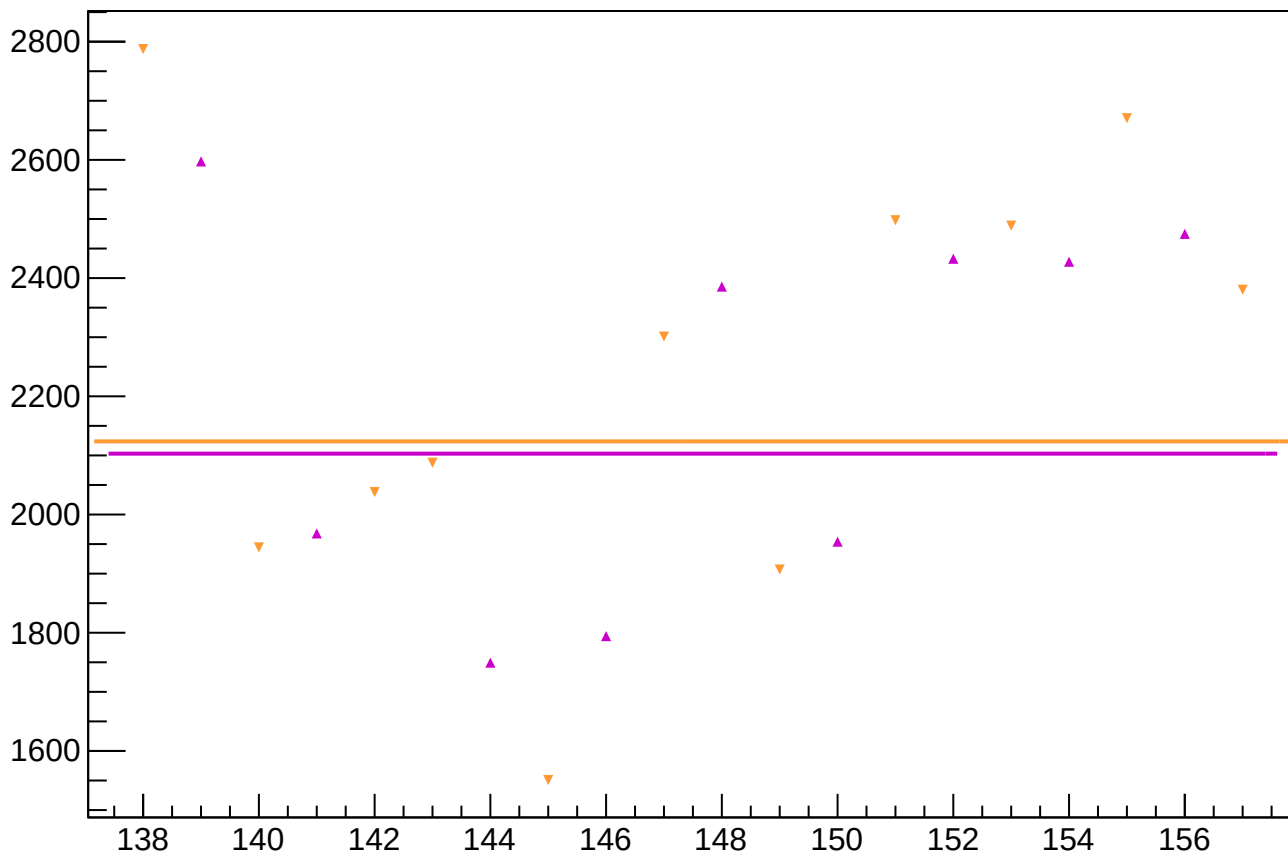
Left In: -1374.195+/-781.616 χ^2/NDF :4.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2536.241+/-545.297 χ^2/NDF : 27.7/19

- 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

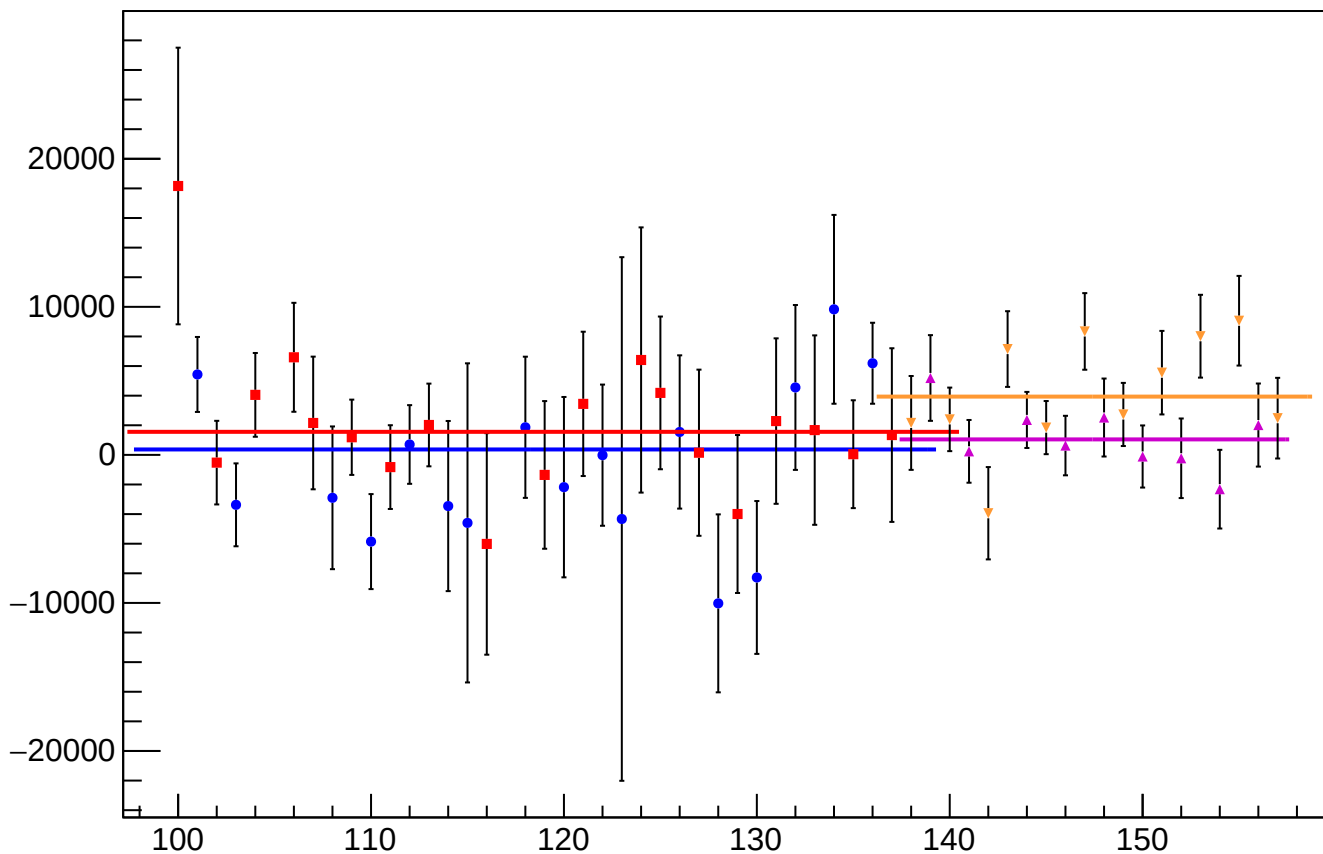
Left In: 2103.004+/-0.553 χ^2/NDF : 309977.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2113.654+/-0.386 χ^2/NDF : 792640.5/19

- 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

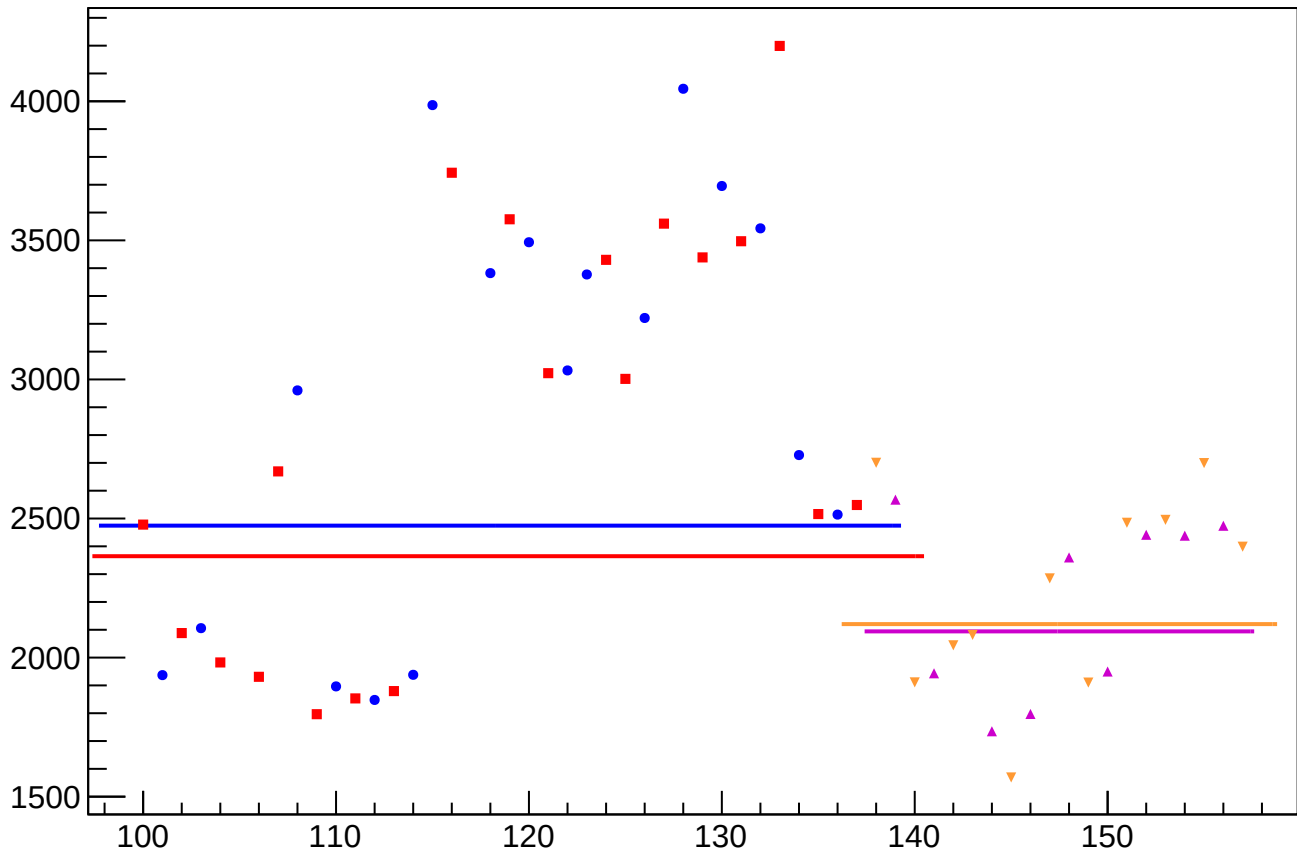
Left In: 1045.917+/-779.261 χ^2/NDF :5.3/8

+ sign 2625.526+/-601.458 χ^2/NDF : 51.3/27

All: 1935.437+/-423.244 χ^2/NDF : 69.9/55

- sign 1258.500+/-595.699 χ^2/NDF : 16.0/27

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

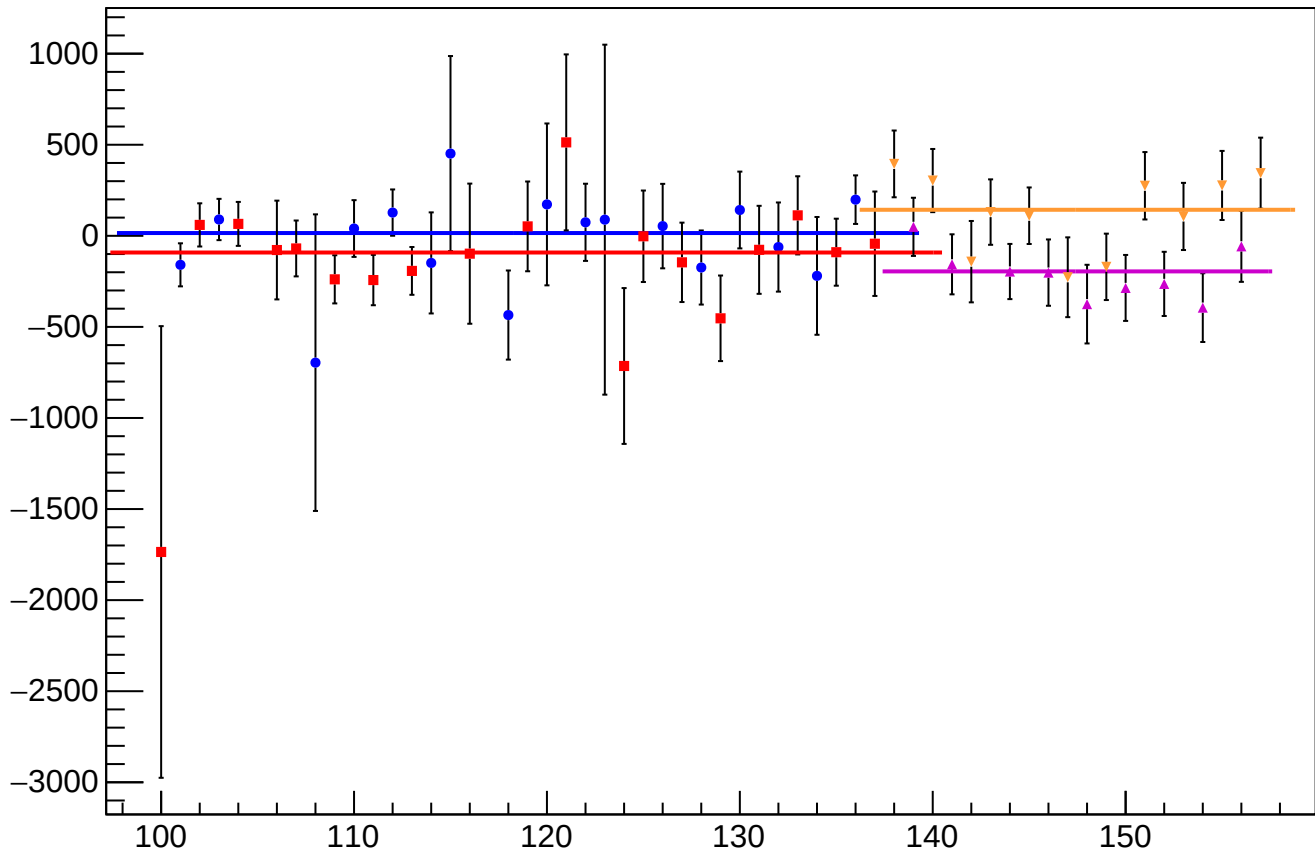
Left In: 2094.199+/-0.551 χ^2/NDF : 312585.4/8

+ sign 2250.399+/-0.425 χ^2/NDF : 1534208.8/27

All: 2228.262+/-0.299 χ^2/NDF : 2975584.4/55

- sign 2206.548+/-0.421 χ^2/NDF : 1436008.6/27

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

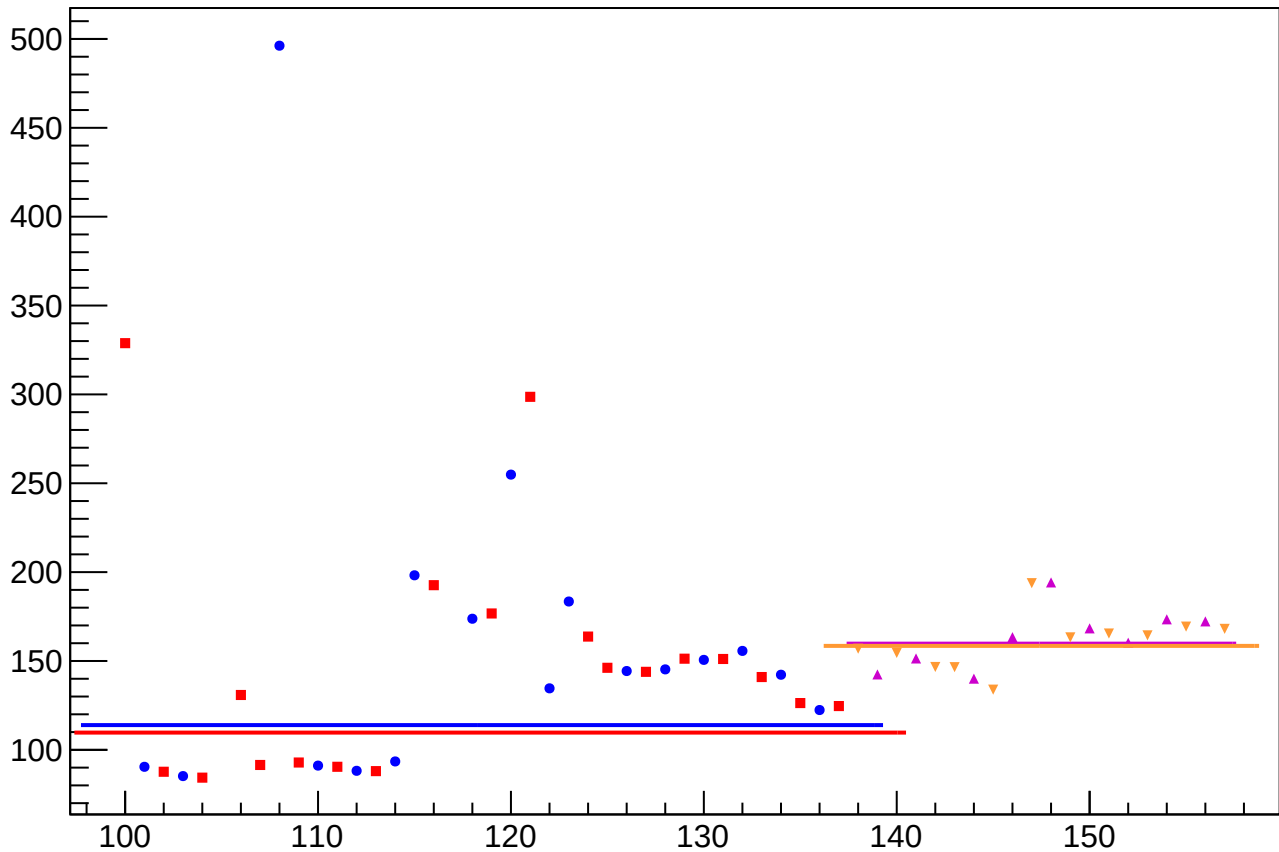
Left In: -195.321+/-58.892 χ^2/NDF : 5.1/8

+ sign 67.378+/-35.739 χ^2/NDF : 28.0/27

All: -32.664+/-24.968 χ^2/NDF : 66.1/55

- sign -128.037+/-34.895 χ^2/NDF : 22.8/27

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

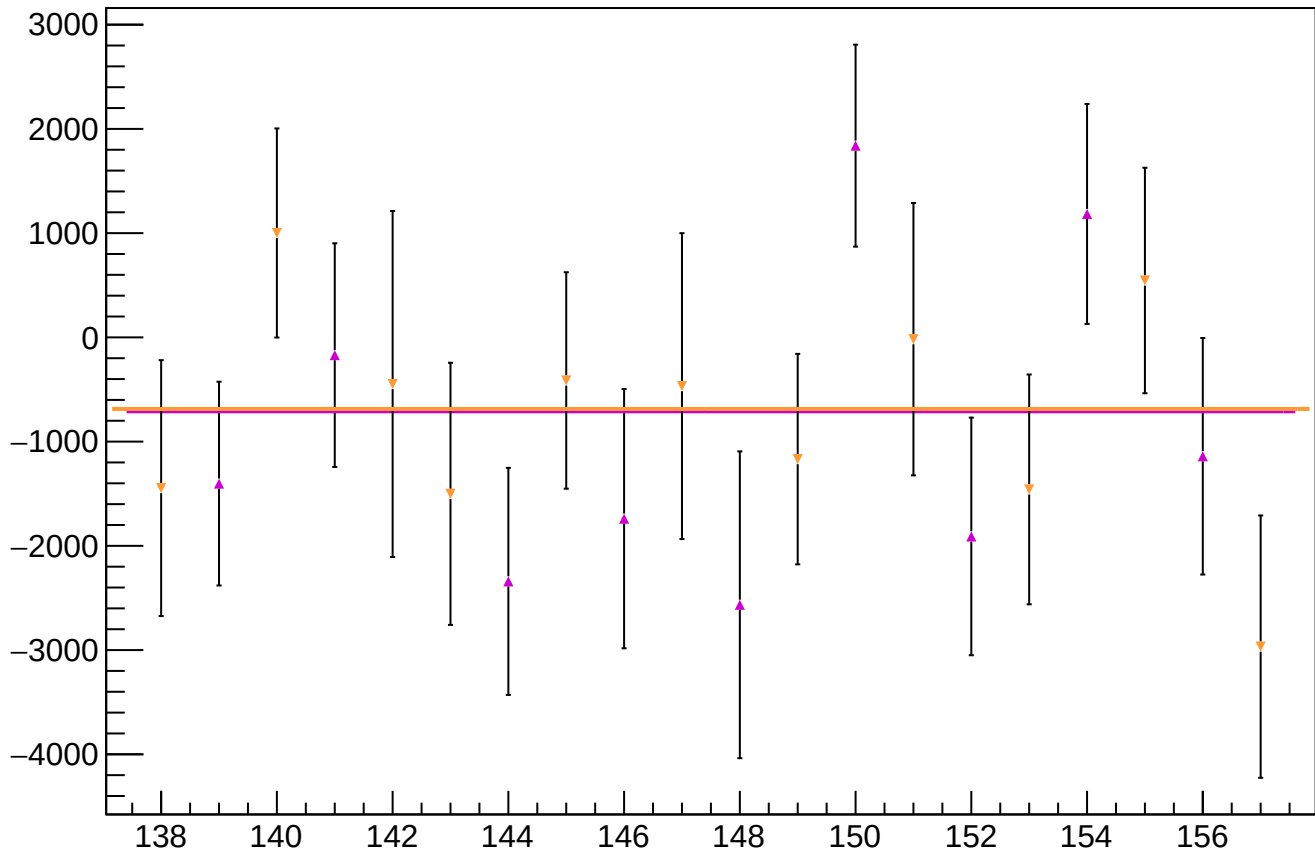
Left In: 159.756 $\pm$ 0.042 χ^2 /NDF:137488.3/8

+ sign 132.108 $\pm$ 0.025 χ^2 /NDF: 2294573.6/27

All: 129.636 $\pm$ 0.018 χ^2 /NDF: 4630011.0/55

- sign 127.280 $\pm$ 0.025 χ^2 /NDF: 2316754.6/27

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

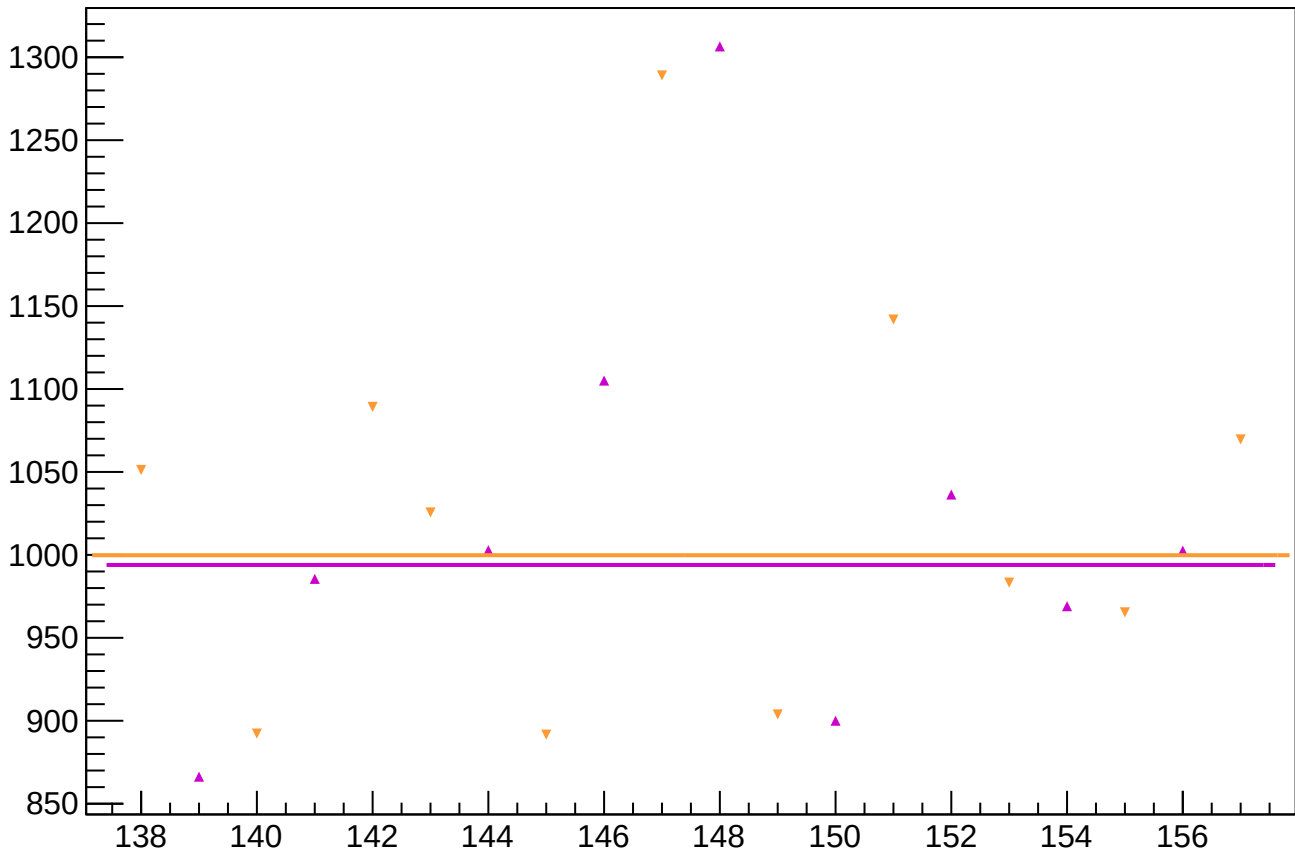
Left In: -709.222+/-368.193 χ^2/NDF : 16.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -697.633+/-255.680 χ^2/NDF : 26.0/19

- 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

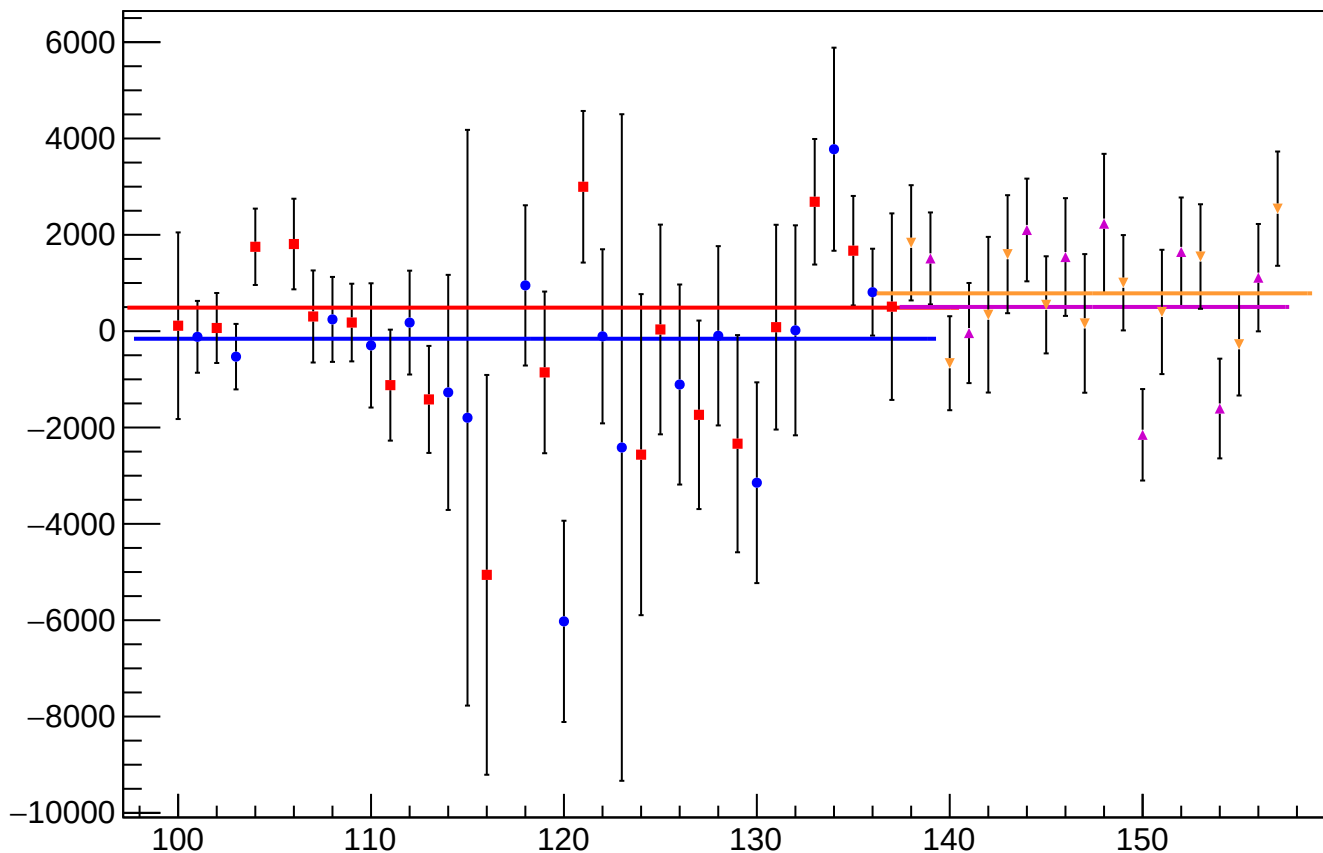
Left In: 993.920+/-0.260 χ^2/NDF : 163347.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 996.968+/-0.181 χ^2/NDF : 346479.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



Right In: -157.178 $\pm$ 312.499 χ^2 /NDF: 16.2/16

Left Out: 785.561 $\pm$ 346.466 χ^2 /NDF: 7.6/10

Right Out: 488.583 $\pm$ 282.758 χ^2 /NDF: 22.6/18

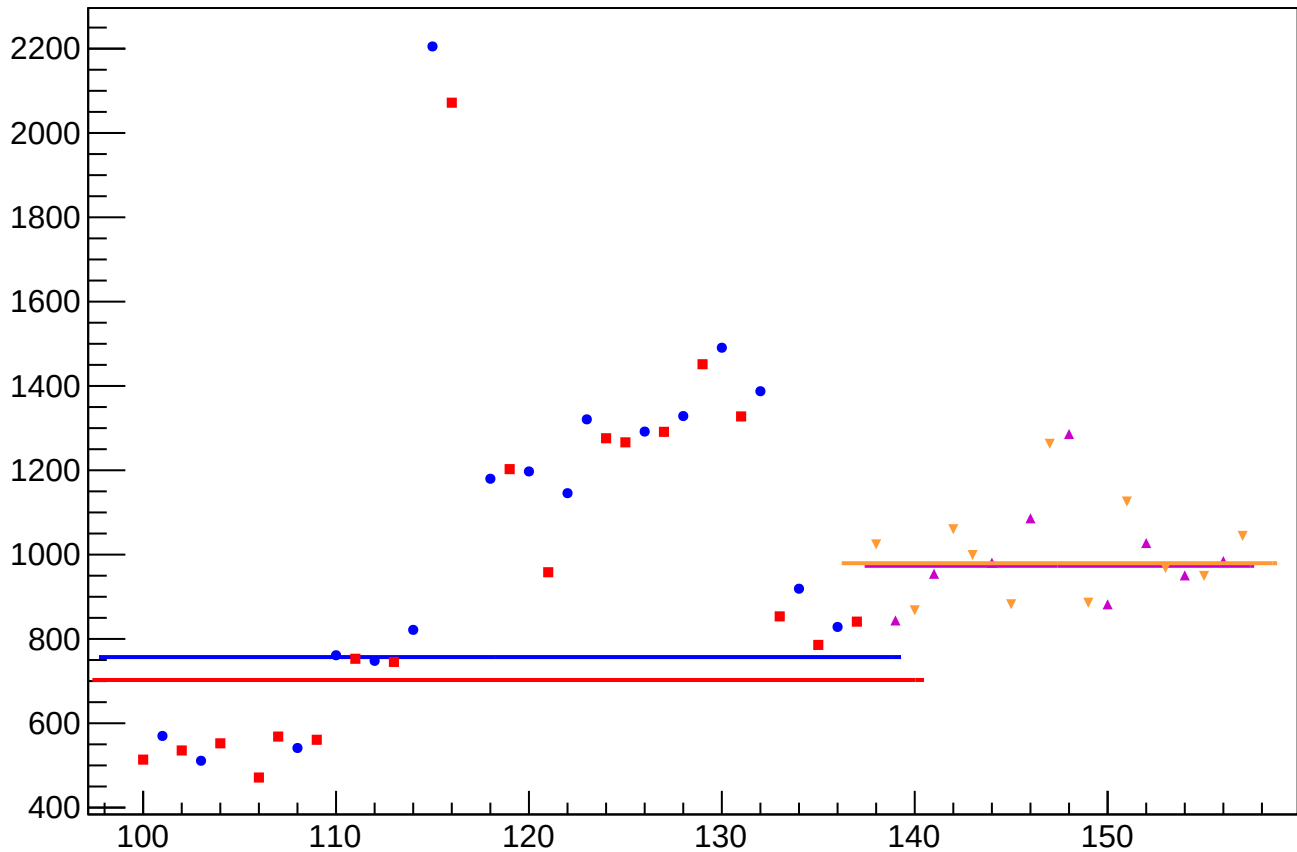
Left In: 502.998 $\pm$ 360.863 χ^2 /NDF: 19.1/8

+ sign 265.727 $\pm$ 232.052 χ^2 /NDF: 27.9/27

All: 384.657 $\pm$ 160.629 χ^2 /NDF: 70.1/55

- sign 494.067 $\pm$ 222.571 χ^2 /NDF: 41.7/27

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 979.597 $\pm$ 0.245 χ^2 /NDF: 182085.2/10

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

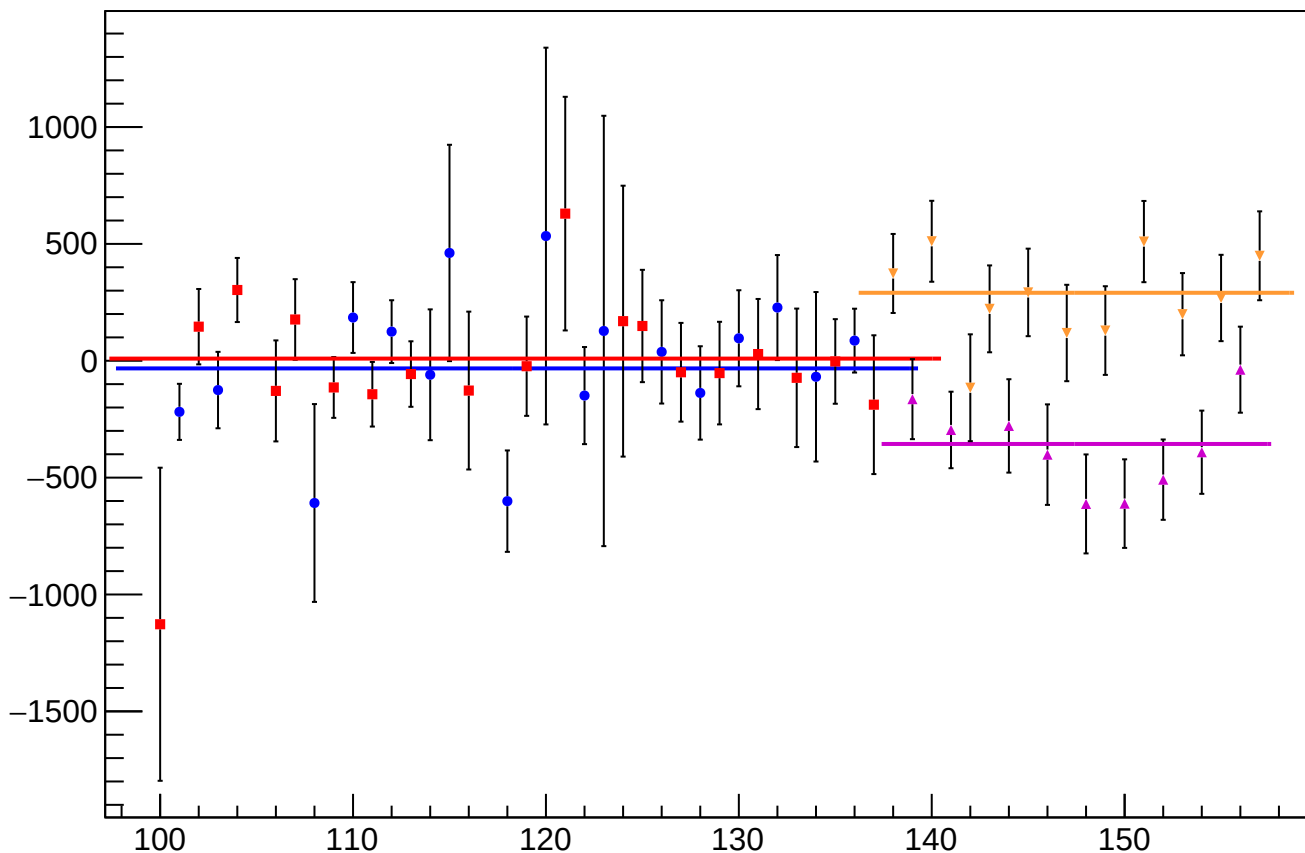
Left In: 973.462 $\pm$ 0.255 χ^2 /NDF: 171936.5/8

+ sign 856.847 $\pm$ 0.164 χ^2 /NDF: 2348652.6/27

All: 830.193 $\pm$ 0.114 χ^2 /NDF: 4958686.6/55

- sign 805.673 $\pm$ 0.157 χ^2 /NDF: 2559374.4/27

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 $\chi^2/\text{NDF}: 19.7/16$

Left Out: 290.866 ± 56.021 $\chi^2/\text{NDF}: 9.1/10$

Right Out: 9.277 ± 45.600 $\chi^2/\text{NDF}: 14.7/18$

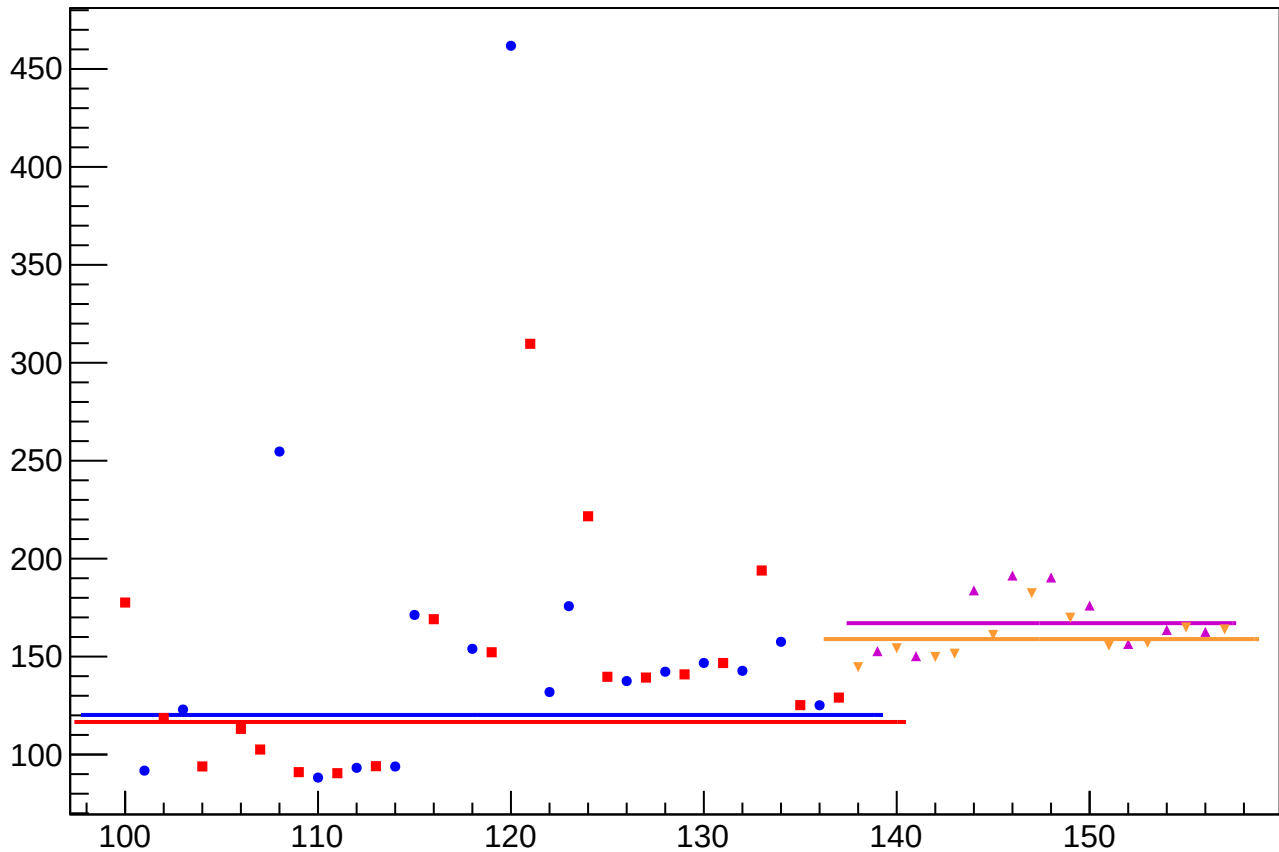
Left In: -355.986 ± 61.635 $\chi^2/\text{NDF}: 8.7/8$

+ sign 105.699 ± 36.638 $\chi^2/\text{NDF}: 48.0/27$

All: -7.052 ± 25.914 $\chi^2/\text{NDF}: 113.0/55$

- sign -119.928 ± 36.658 $\chi^2/\text{NDF}: 46.1/27$

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

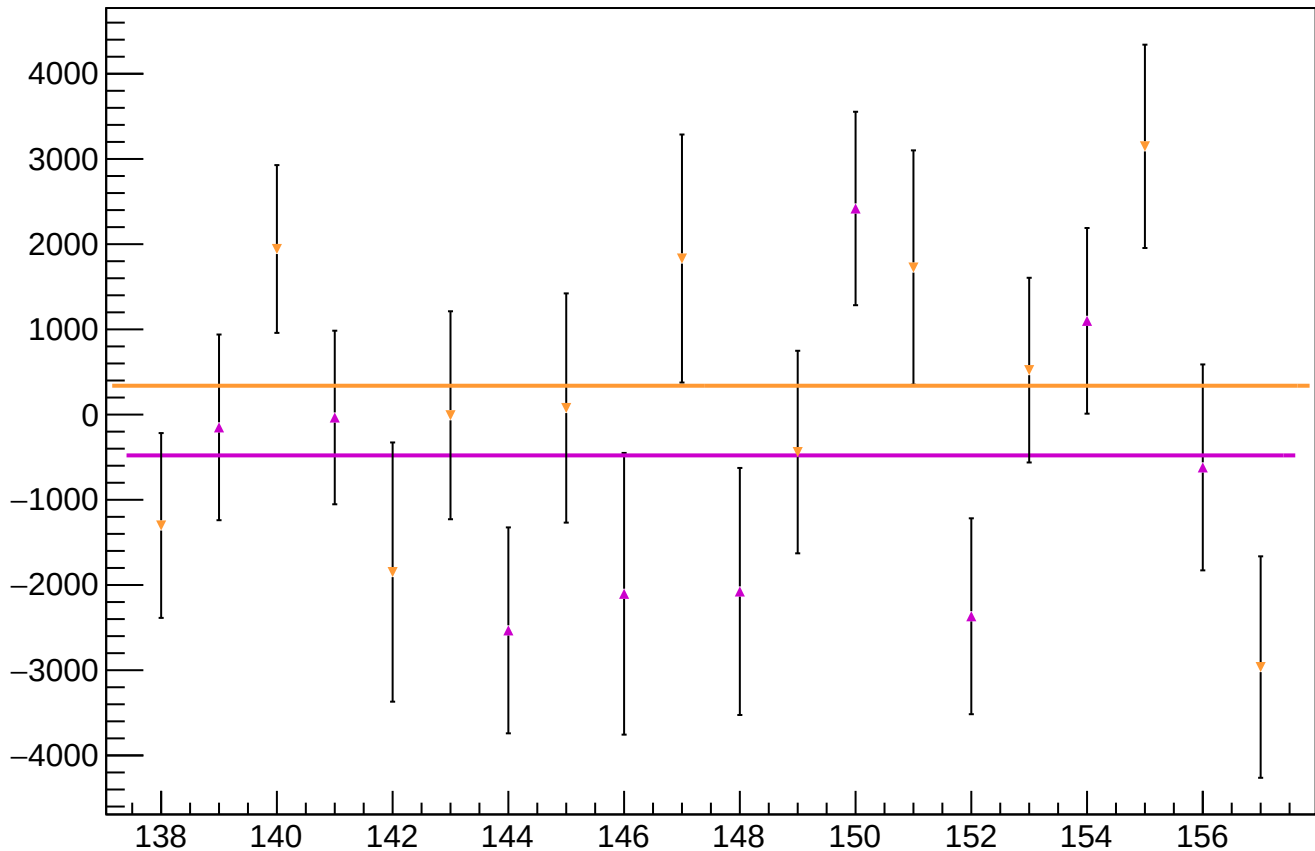
Left In: 167.067 $\pm$ 0.044 χ^2 /NDF: 113112.8/8

+ sign 136.773 $\pm$ 0.026 χ^2 /NDF: 1668805.8/27

All: 135.619 $\pm$ 0.018 χ^2 /NDF: 3649776.2/55

- sign 134.463 $\pm$ 0.026 χ^2 /NDF: 1976997.6/27

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

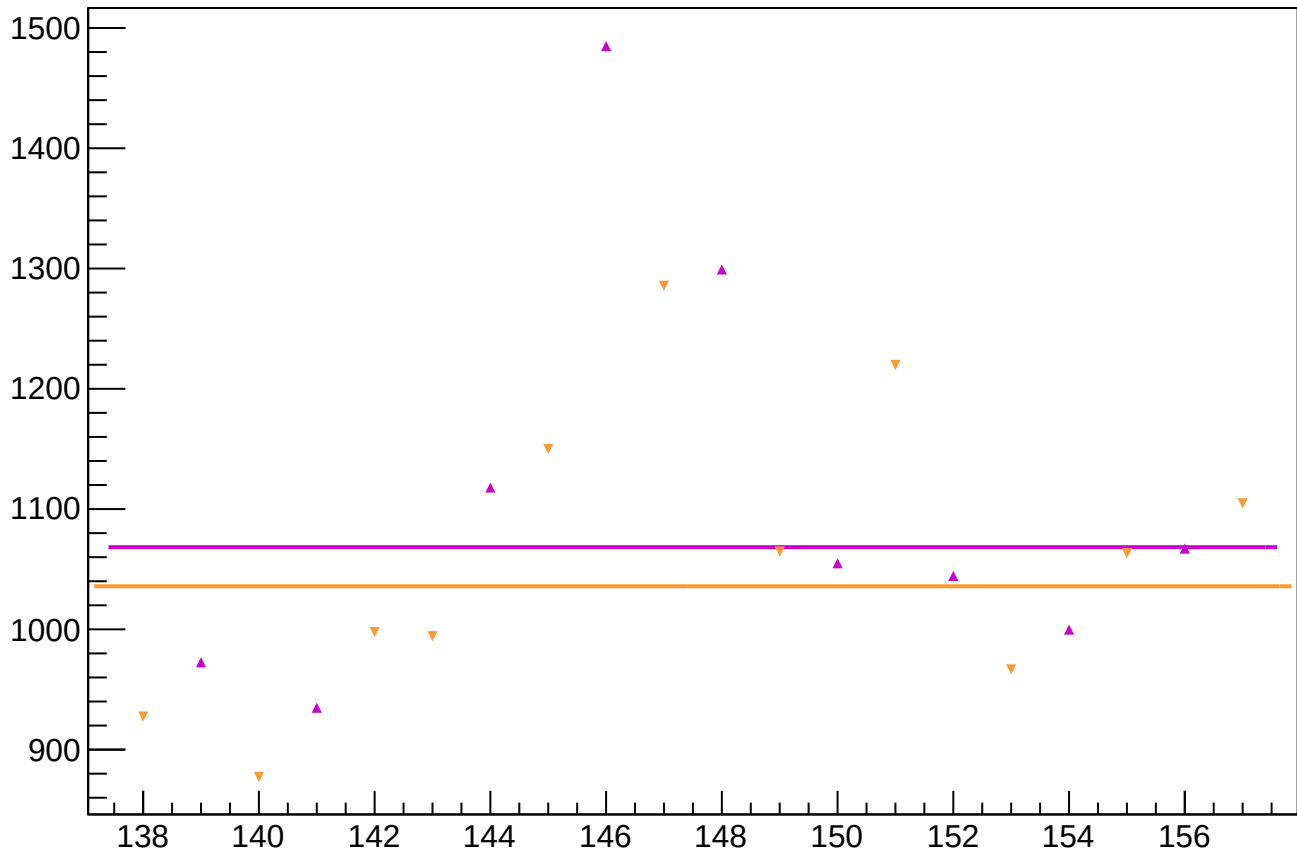
Left In: -478.973+/-395.506 χ^2/NDF : 16.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.495+/-269.334 χ^2/NDF : 40.6/19

- 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

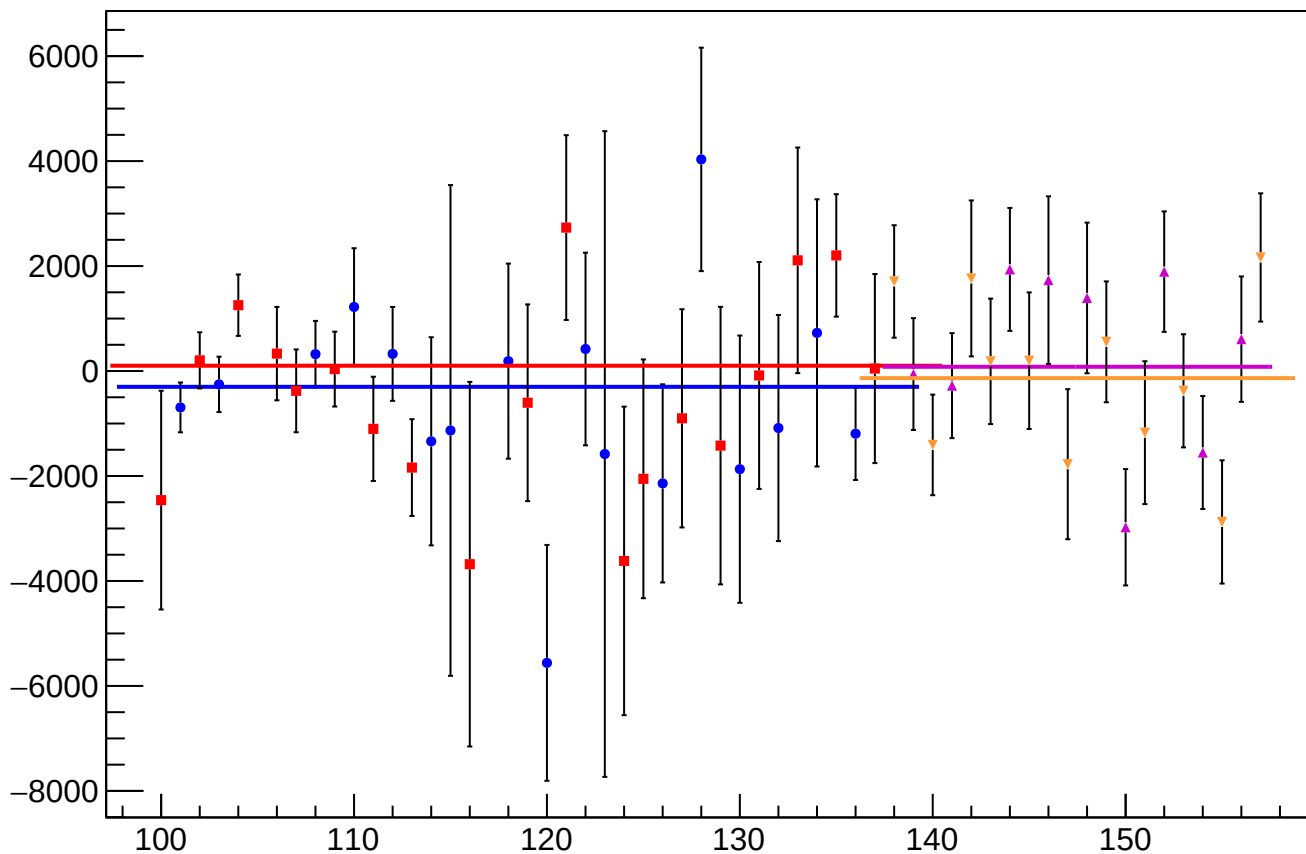
Left In: 1068.324+/-0.280 χ^2/NDF : 240021.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.898+/-0.190 χ^2/NDF : 447773.1/19

- 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

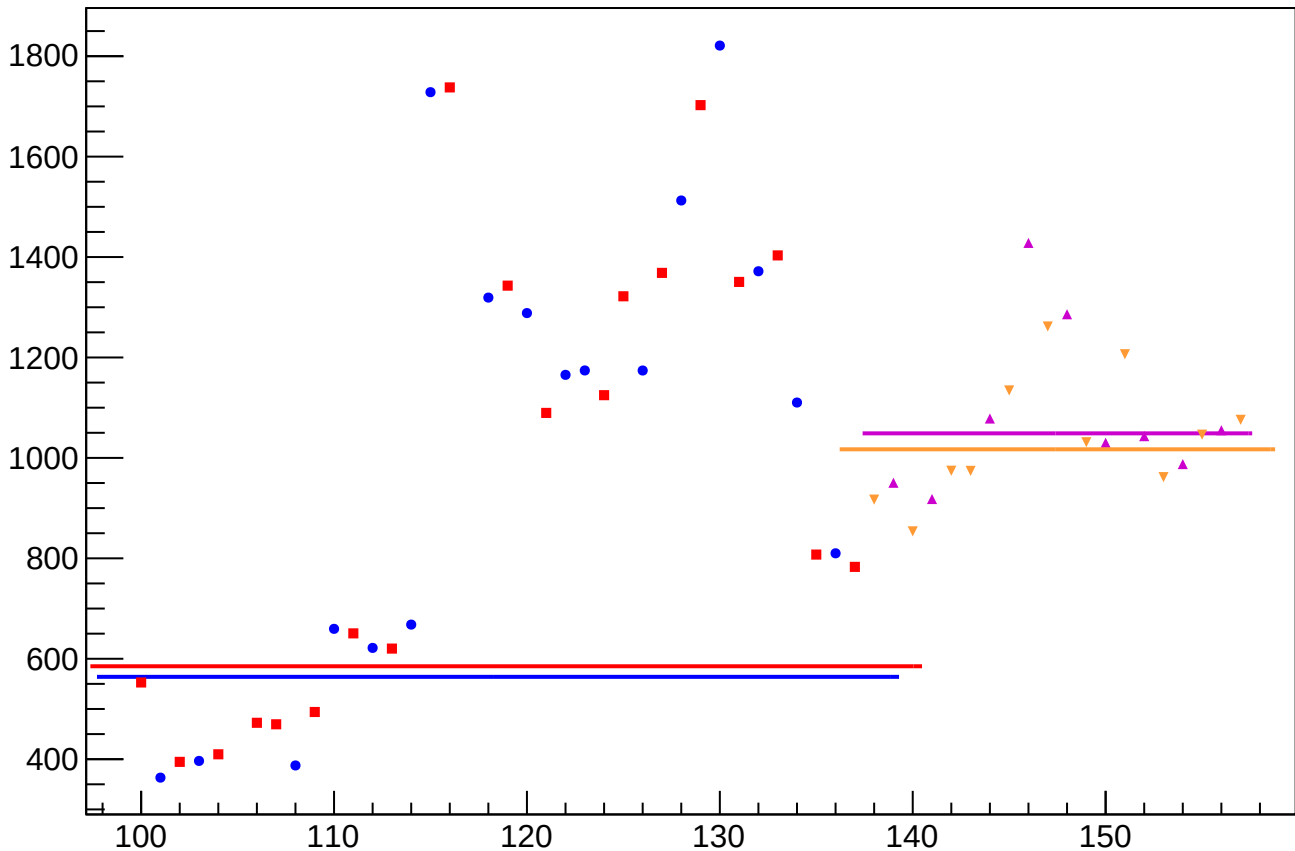
Left In: 80.952 ± 388.524 χ^2/NDF : 17.2/8

+ sign -246.911 ± 205.250 χ^2/NDF : 34.8/27

All: -78.011 ± 146.037 χ^2/NDF : 75.8/55

- sign 95.162 ± 207.830 χ^2/NDF : 39.7/27

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2/NDF : 3261491.3/16

Left Out: 1017.121 $\pm$ 0.254 χ^2/NDF : 204778.5/10

Right Out: 585.070 $\pm$ 0.174 χ^2/NDF : 2820837.8/18

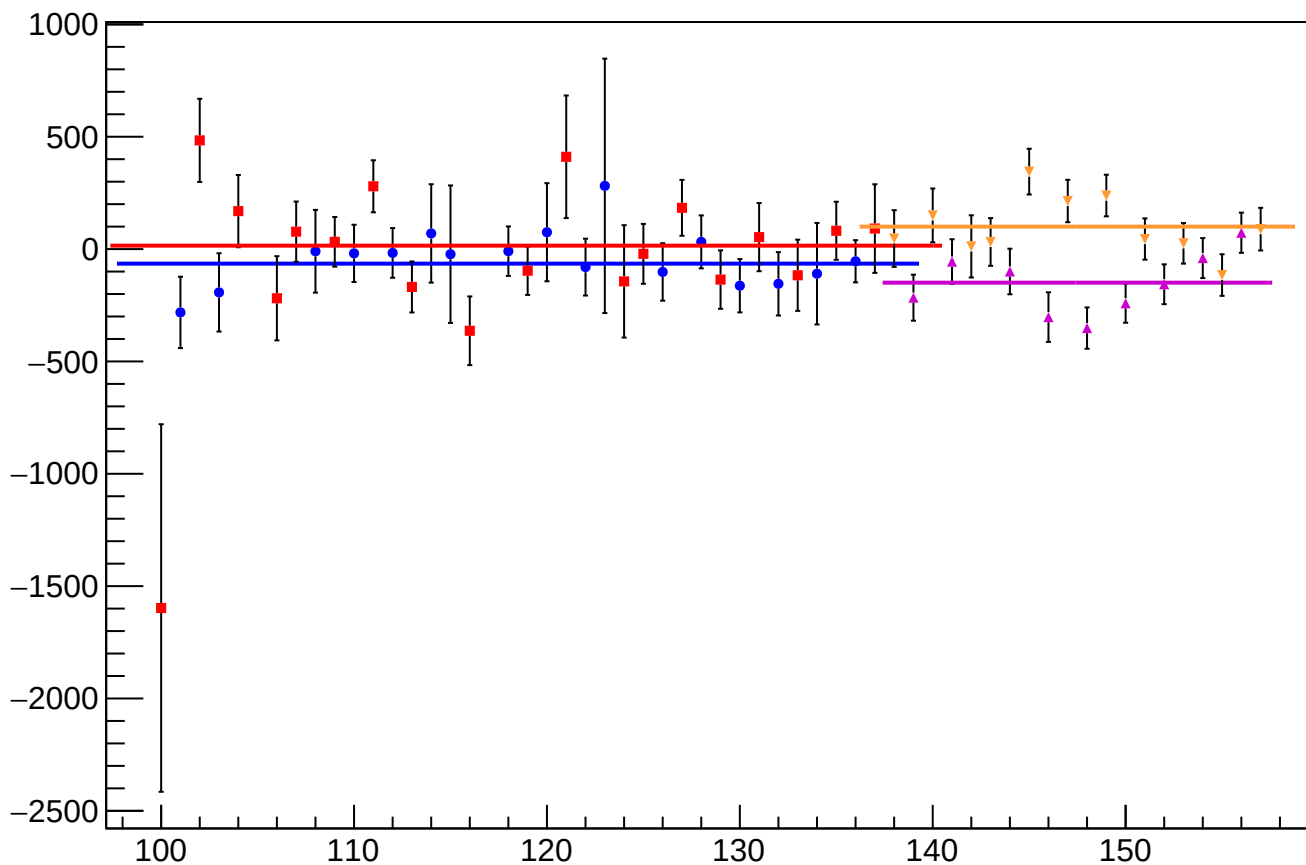
Left In: 1048.902 $\pm$ 0.275 χ^2/NDF : 227082.8/8

+ sign 711.804 $\pm$ 0.145 χ^2/NDF : 5608617.3/27

All: 714.760 $\pm$ 0.103 χ^2/NDF : 10692210.1/55

- sign 717.791 $\pm$ 0.147 χ^2/NDF : 5082752.7/27

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

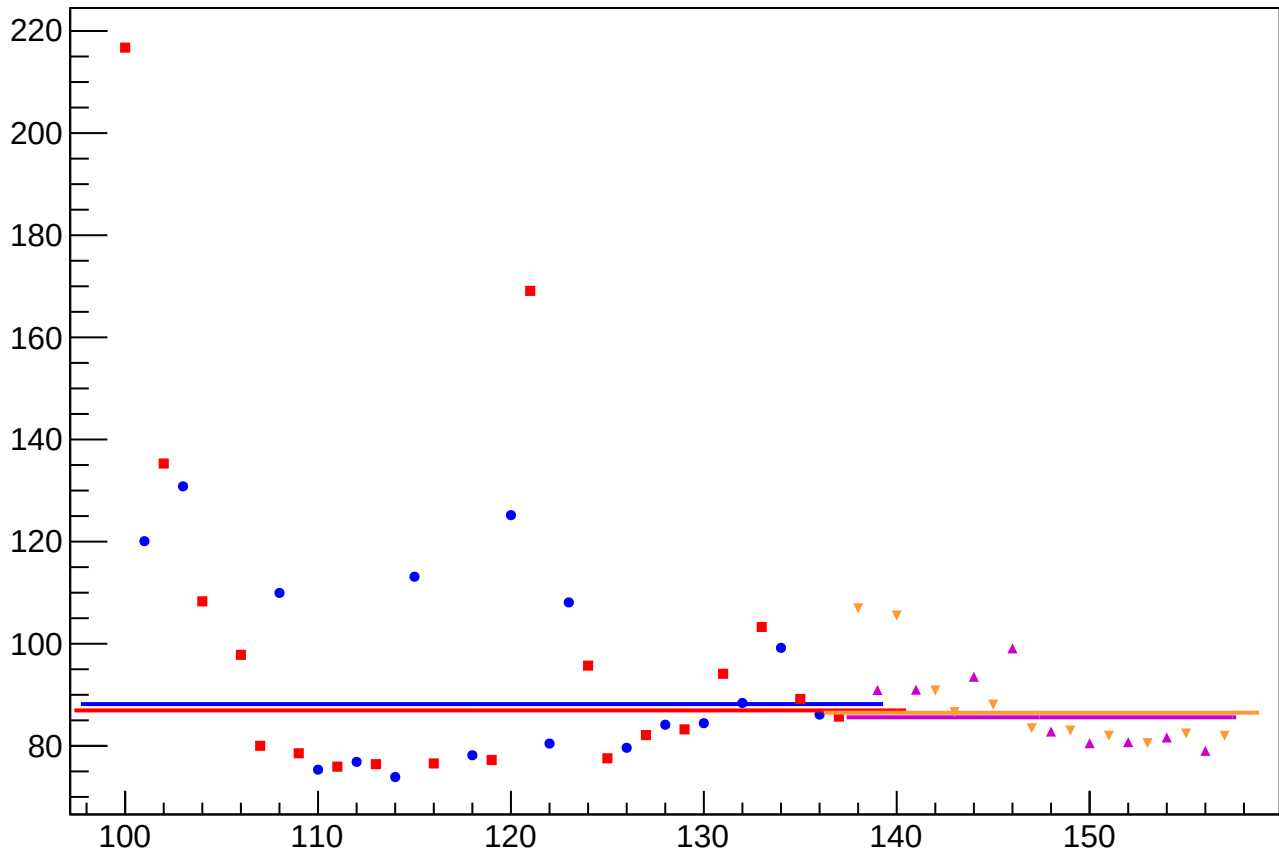
Left In: -149.448 ± 31.527 χ^2/NDF : 17.1/8

+ sign 27.727 ± 22.931 χ^2/NDF : 36.0/27

All: -22.069 ± 16.215 χ^2/NDF : 110.4/55

- sign -71.878 ± 22.934 χ^2/NDF : 65.0/27

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

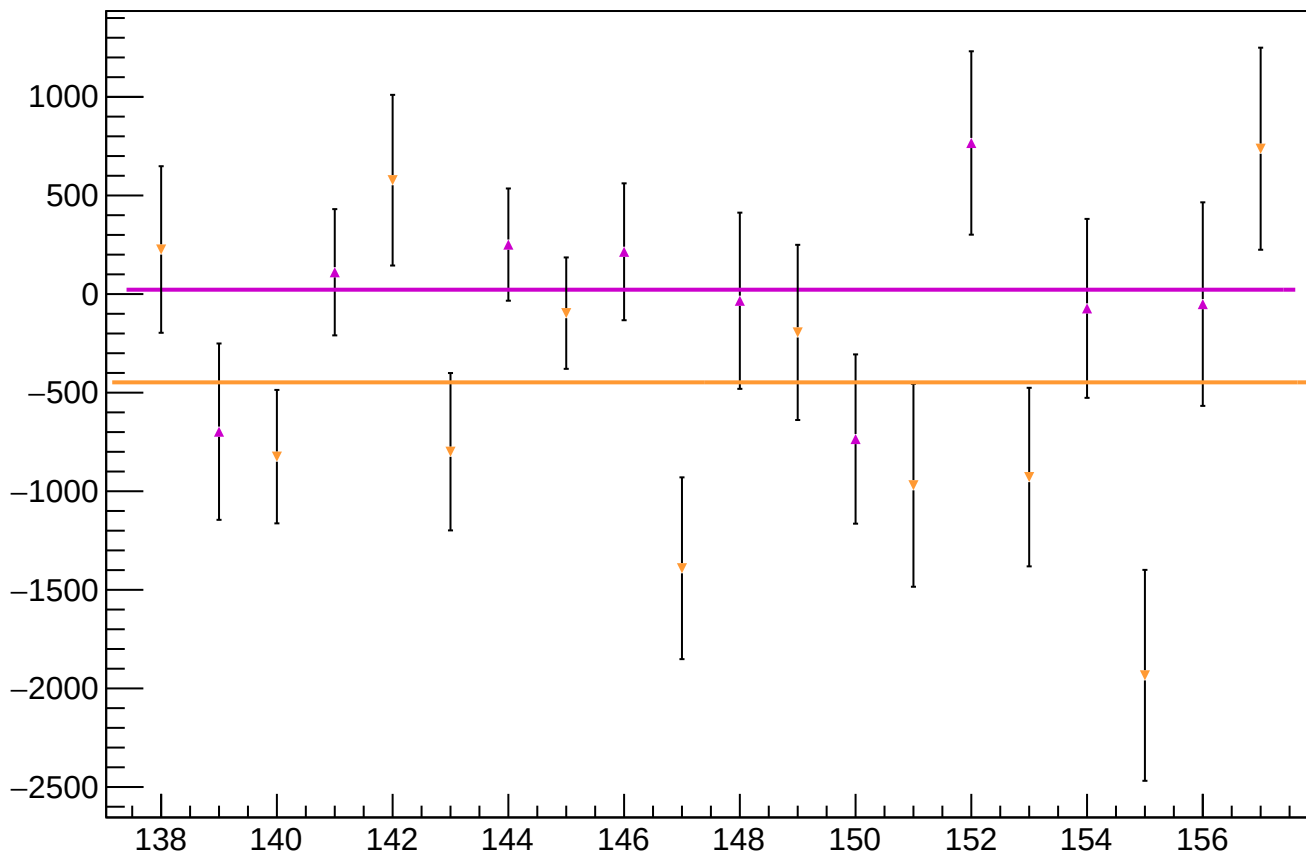
Left In: 85.589 $\pm$ 0.022 χ^2 /NDF: 83062.4/8

+ sign 87.237 $\pm$ 0.016 χ^2 /NDF: 529365.2/27

All: 86.732 $\pm$ 0.011 χ^2 /NDF: 1147465.3/55

- sign 86.227 $\pm$ 0.016 χ^2 /NDF: 616158.4/27

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

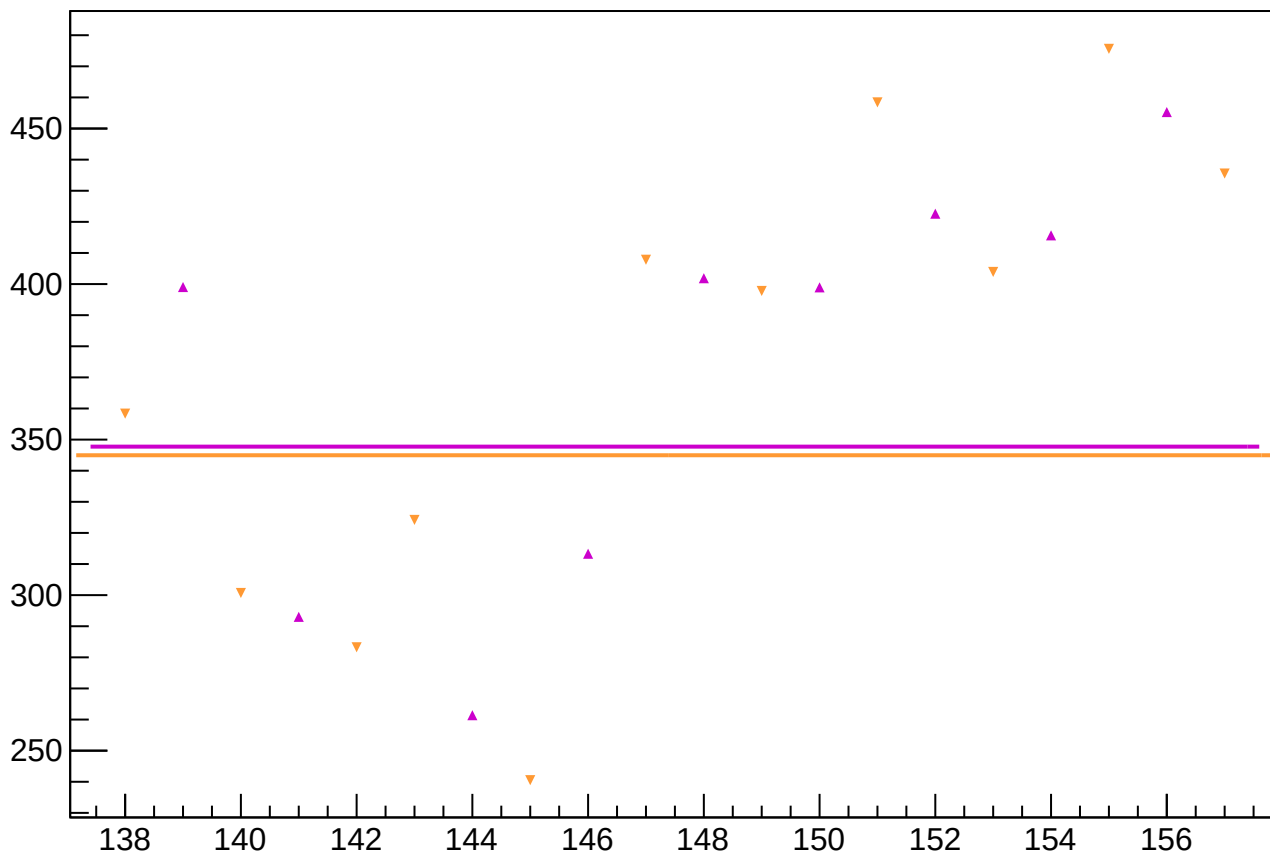
Left In: 22.147+/-130.111 χ^2/NDF : 9.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.603+/-90.063 χ^2/NDF : 47.6/19

- 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

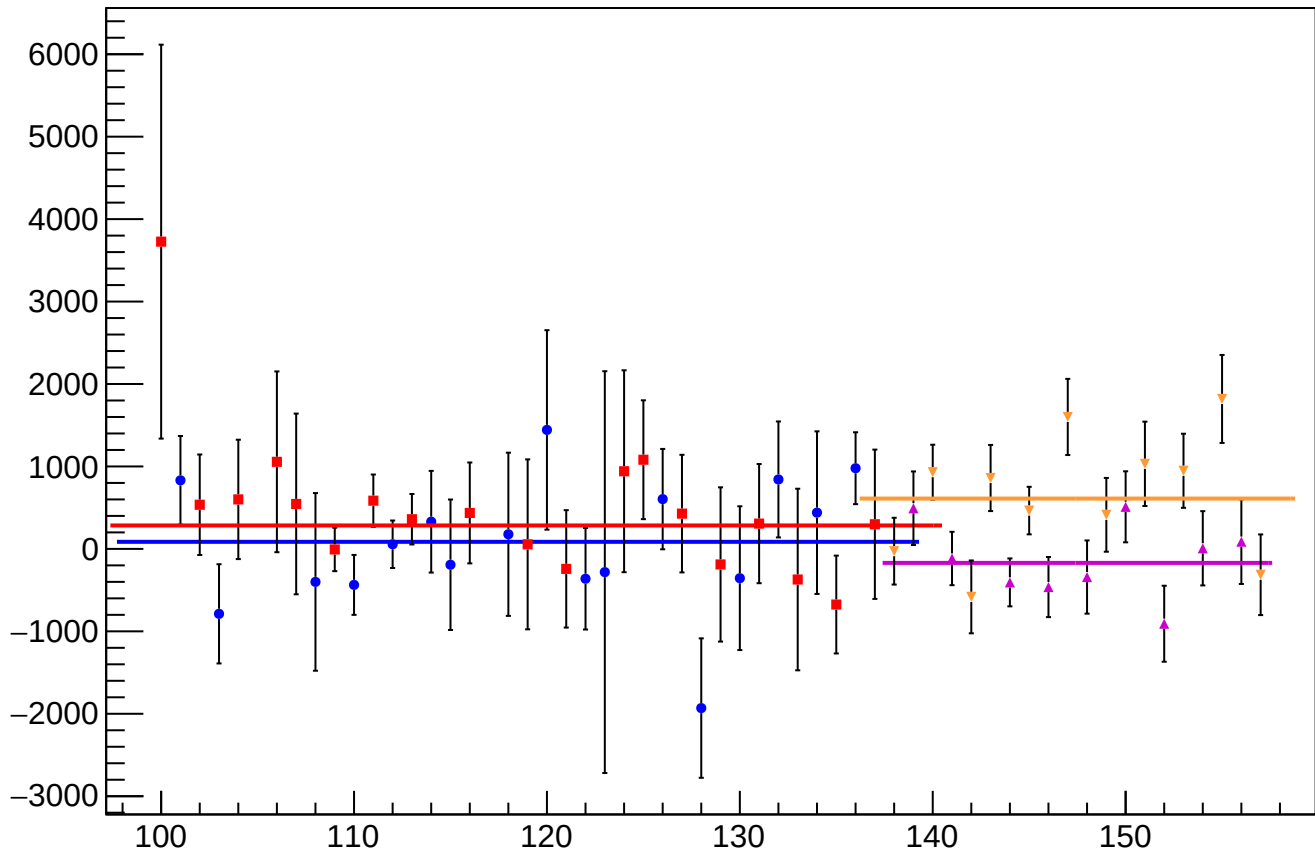
Left In: 347.741+/-0.092 χ^2/NDF : 529813.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.297+/-0.064 χ^2/NDF : 1264372.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810 ± 142.601 χ^2/NDF : 20.6/16

Left Out: 610.515 ± 124.382 χ^2/NDF : 26.1/10

Right Out: 284.456 ± 129.599 χ^2/NDF : 10.6/18

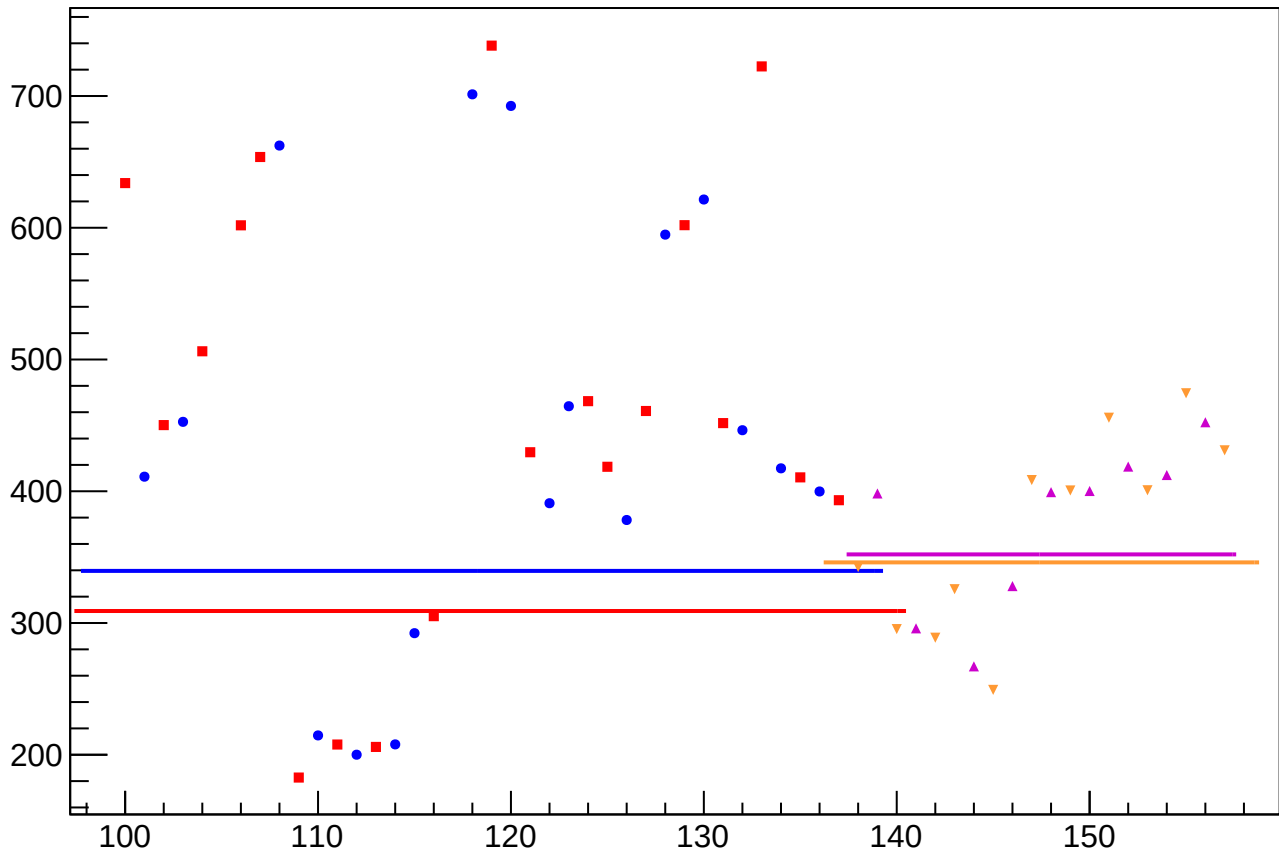
Left In: -169.731 ± 131.502 χ^2/NDF : 9.2/8

+ sign 383.802 ± 93.735 χ^2/NDF : 54.3/27

All: 219.755 ± 65.770 χ^2/NDF : 86.2/55

- sign 60.672 ± 92.306 χ^2/NDF : 25.8/27

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

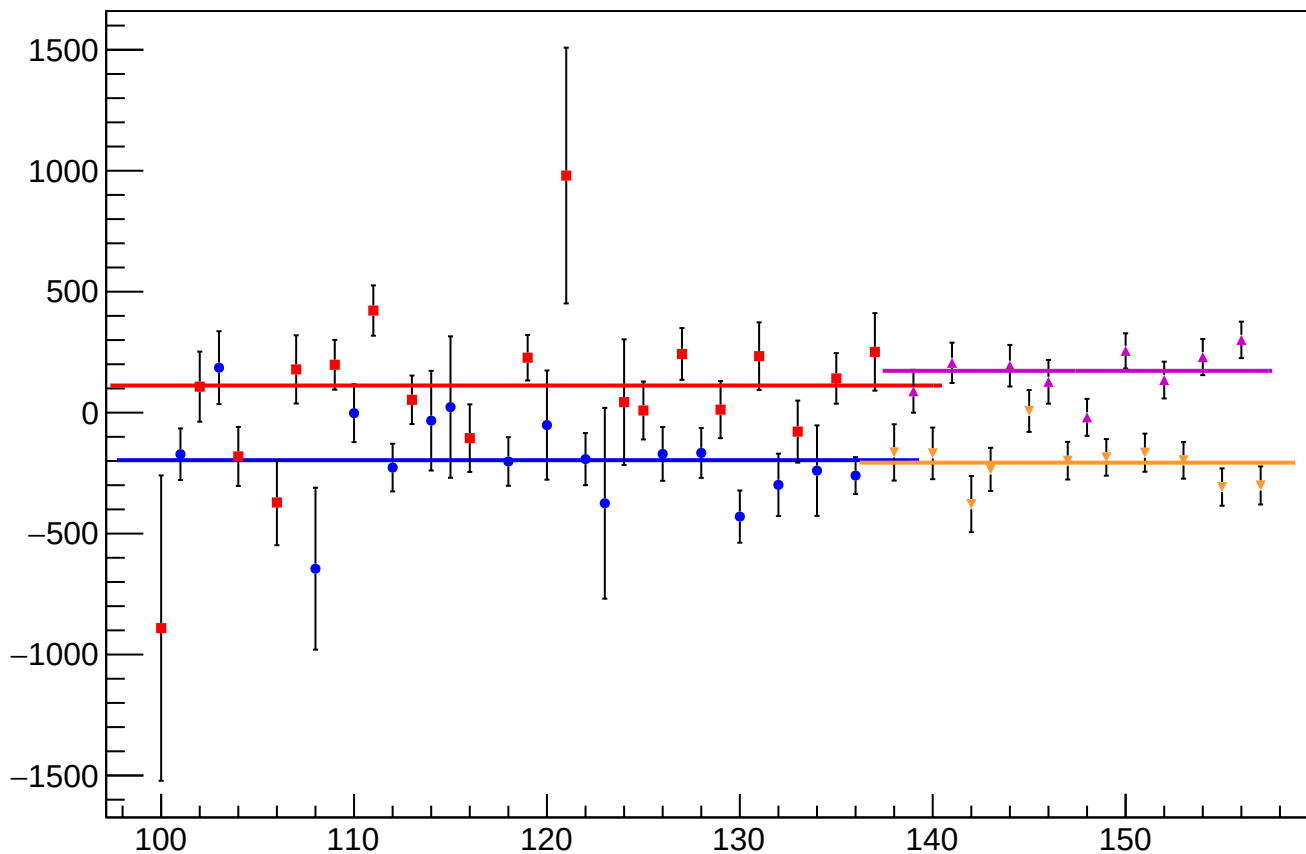
Left In: 352.075+/-0.093 χ^2/NDF : 462960.5/8

+ sign 343.219+/-0.066 χ^2/NDF : 2719407.7/27

All: 336.649+/-0.047 χ^2/NDF : 6040363.9/55

- sign 330.277+/-0.065 χ^2/NDF : 3301598.4/27

dit_asym_sam8_mean vs Slug



Right In: -196.599 $\pm$ 30.399 χ^2 /NDF: 19.0/16

Left Out: -206.782 $\pm$ 25.821 χ^2 /NDF: 12.2/10

Right Out: 112.097 $\pm$ 29.622 χ^2 /NDF: 39.3/18

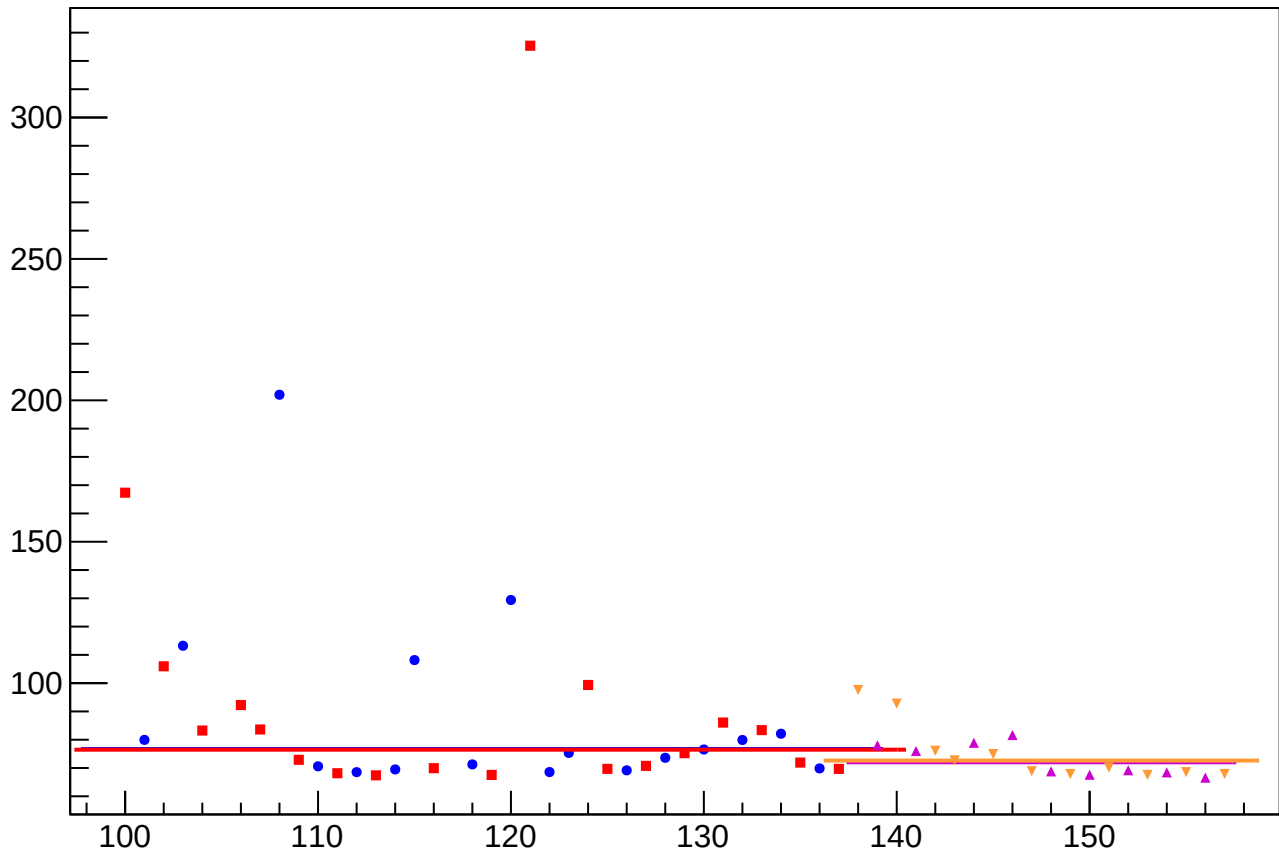
Left In: 172.924 $\pm$ 26.555 χ^2 /NDF: 12.7/8

+ sign -202.514 $\pm$ 19.680 χ^2 /NDF: 31.3/27

All: -29.172 $\pm$ 13.949 χ^2 /NDF: 241.5/55

- sign 145.821 $\pm$ 19.773 χ^2 /NDF: 54.4/27

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

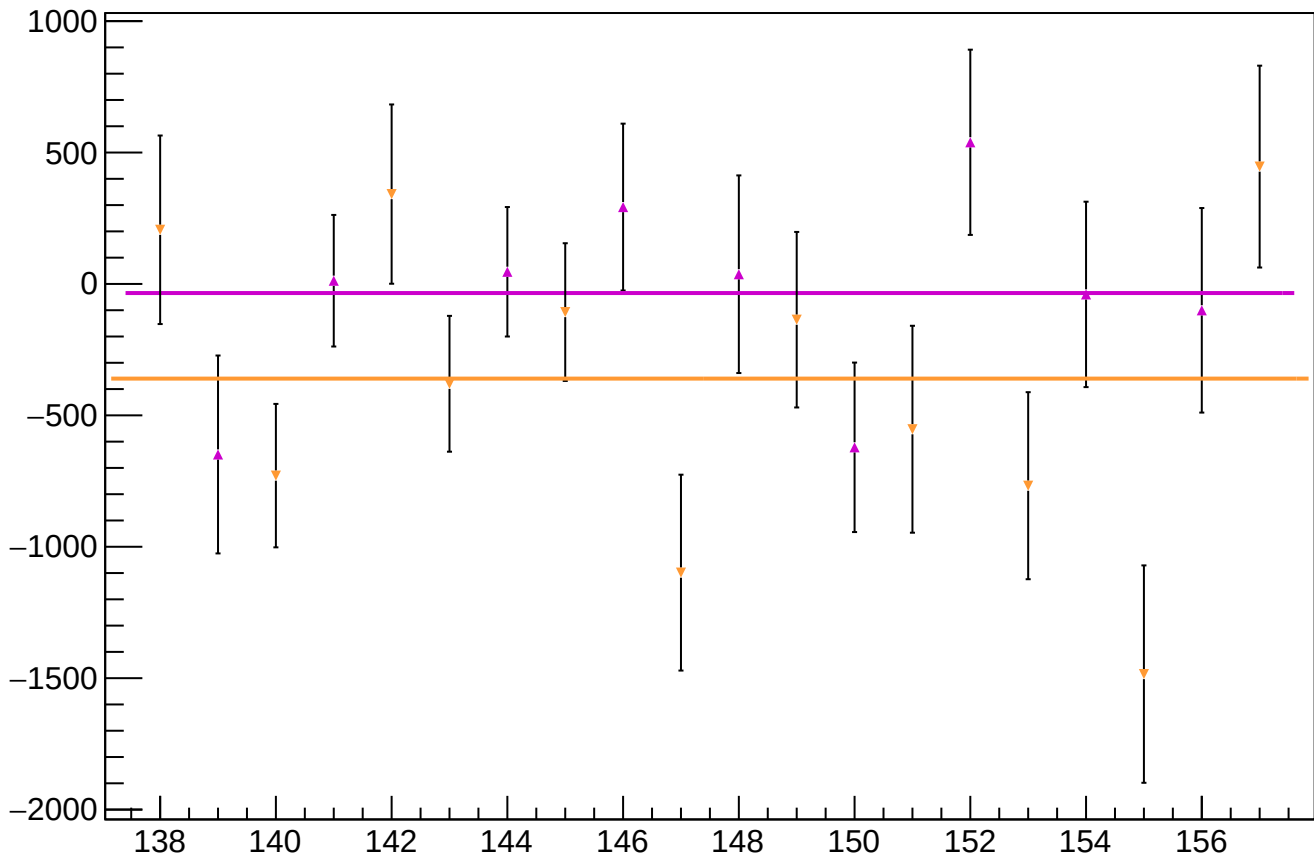
Left In: 72.015 $\pm$ 0.019 χ^2 /NDF: 77993.2/8

+ sign 74.334 $\pm$ 0.014 χ^2 /NDF: 823915.7/27

All: 74.170 $\pm$ 0.010 χ^2 /NDF: 1626729.7/55

- sign 74.004 $\pm$ 0.014 χ^2 /NDF: 802534.8/27

asym_sam8_correction_mean vs Slug



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

Left Out: -360.158 $\pm$ 98.778 χ^2 /NDF:27.2/10

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

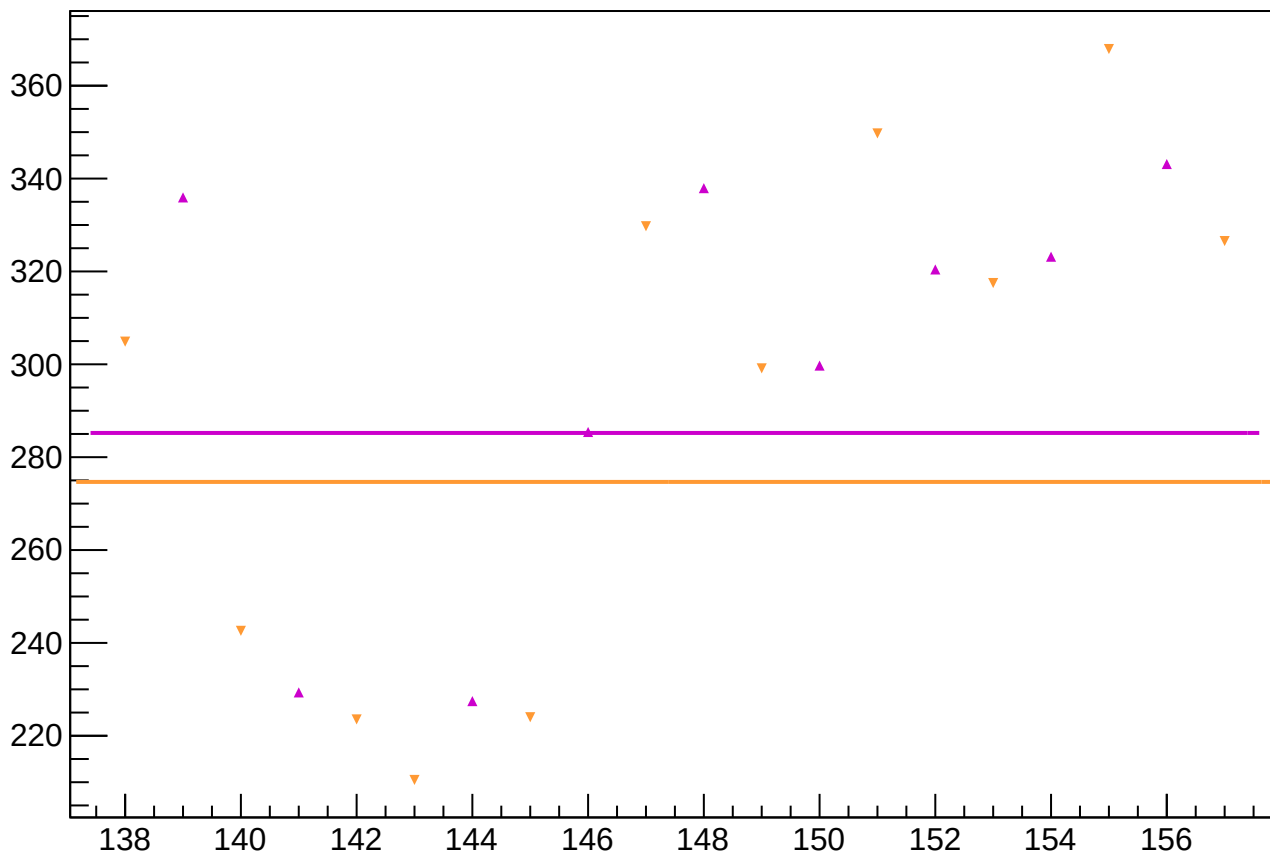
Left In: -34.629 $\pm$ 106.115 χ^2 /NDF:9.9/8

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

All: -209.037 $\pm$ 72.301 χ^2 /NDF: 42.2/19

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

asym_sam8_correction_rms vs Slug



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

Left Out: 274.673+/-0.070 χ^2/NDF : 579166.4/10

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

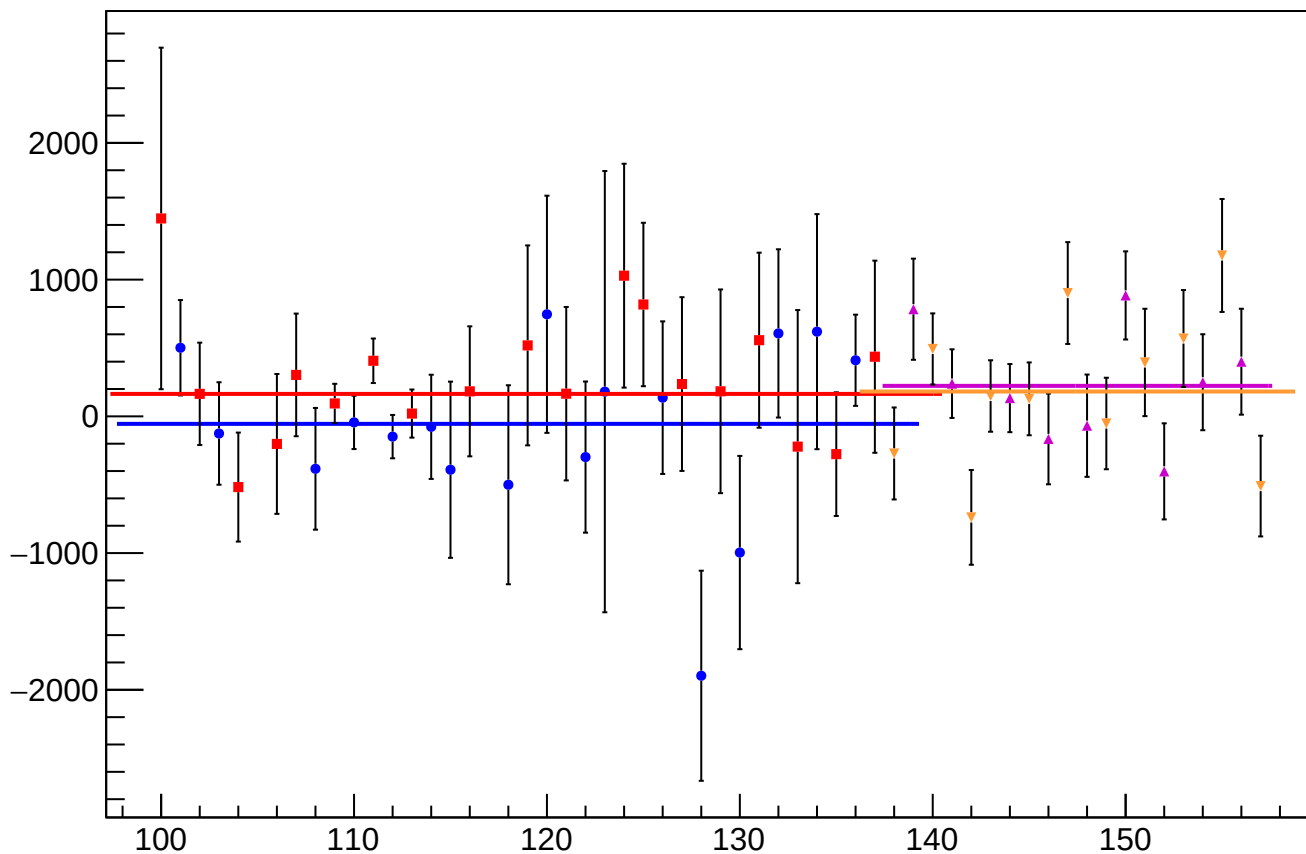
Left In: 285.218+/-0.075 χ^2/NDF : 376668.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.568+/-0.051 χ^2/NDF : 966417.6/19

- 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

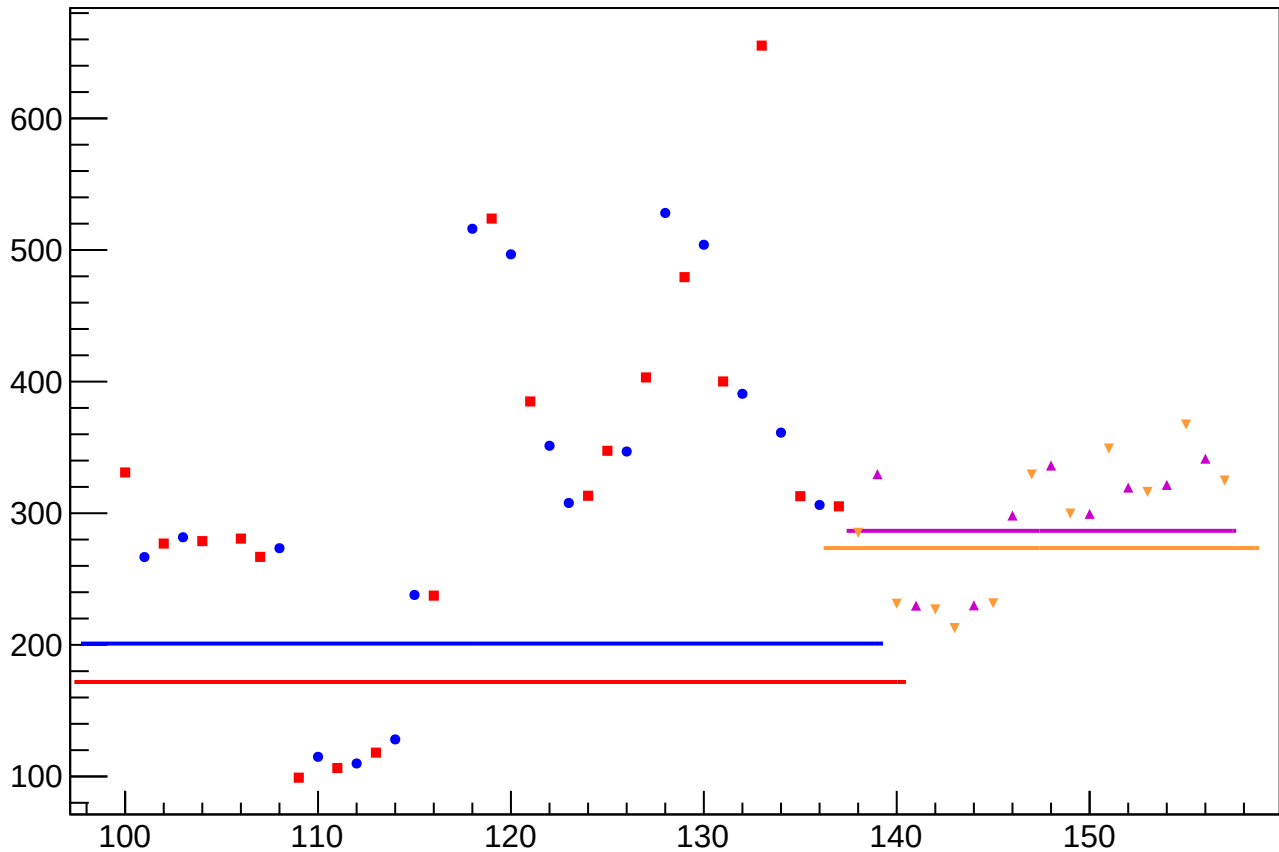
Left In: 223.065 ± 106.582 χ^2/NDF : 12.0/8

+ sign 53.964 ± 66.373 χ^2/NDF : 45.1/27

All: 123.195 ± 45.449 χ^2/NDF : 71.3/55

- sign 184.315 ± 62.364 χ^2/NDF : 24.1/27

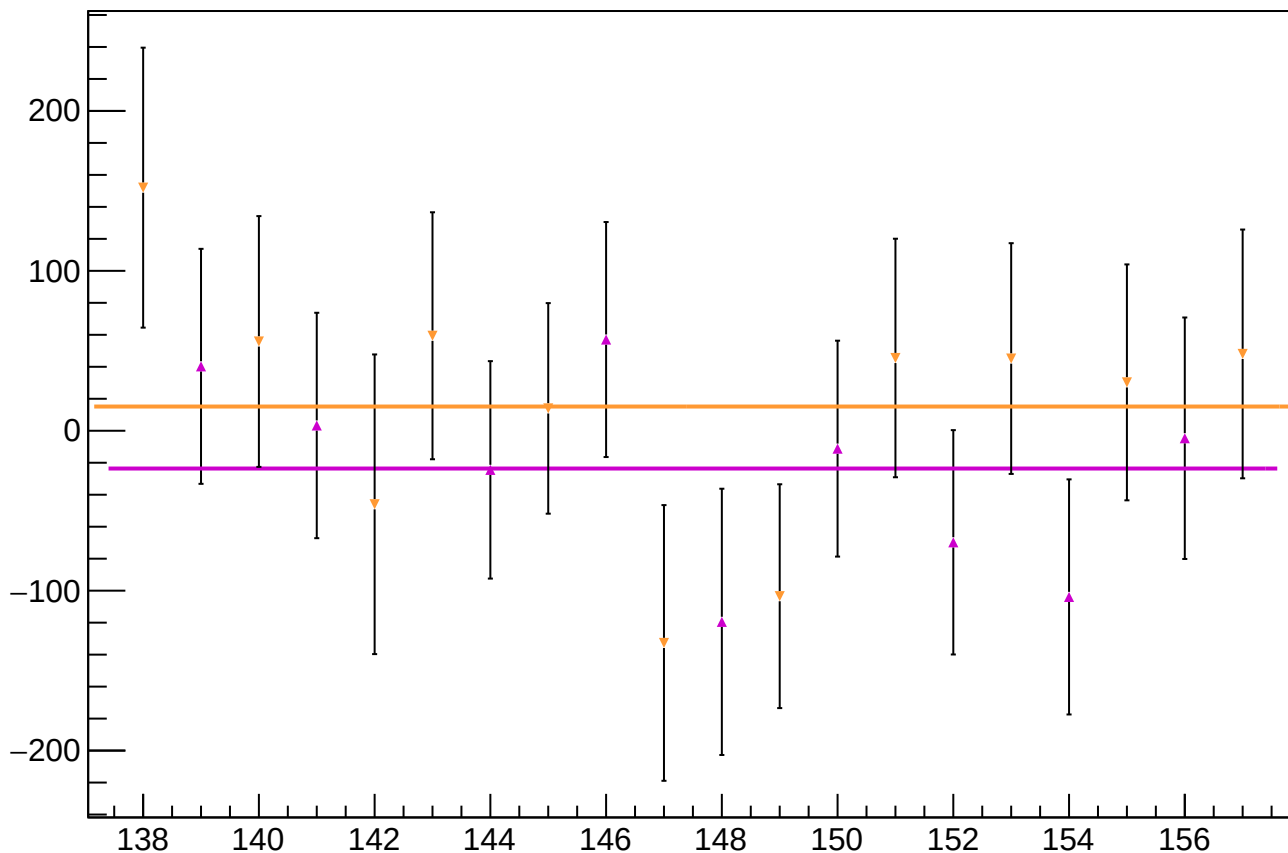
asym_sam8_rms vs Slug



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: 286.633+/-0.075 χ^2/NDF : 351132.4/8

+ sign 234.388+/-0.047 χ^2/NDF : 4582219.5/27
 All: 222.026+/-0.032 χ^2/NDF : 10683563.9/55
 - sign 211.112+/-0.044 χ^2/NDF : 5970706.5/27

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 15.145 $\pm$ 23.155 χ^2 /NDF:9.8/10

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

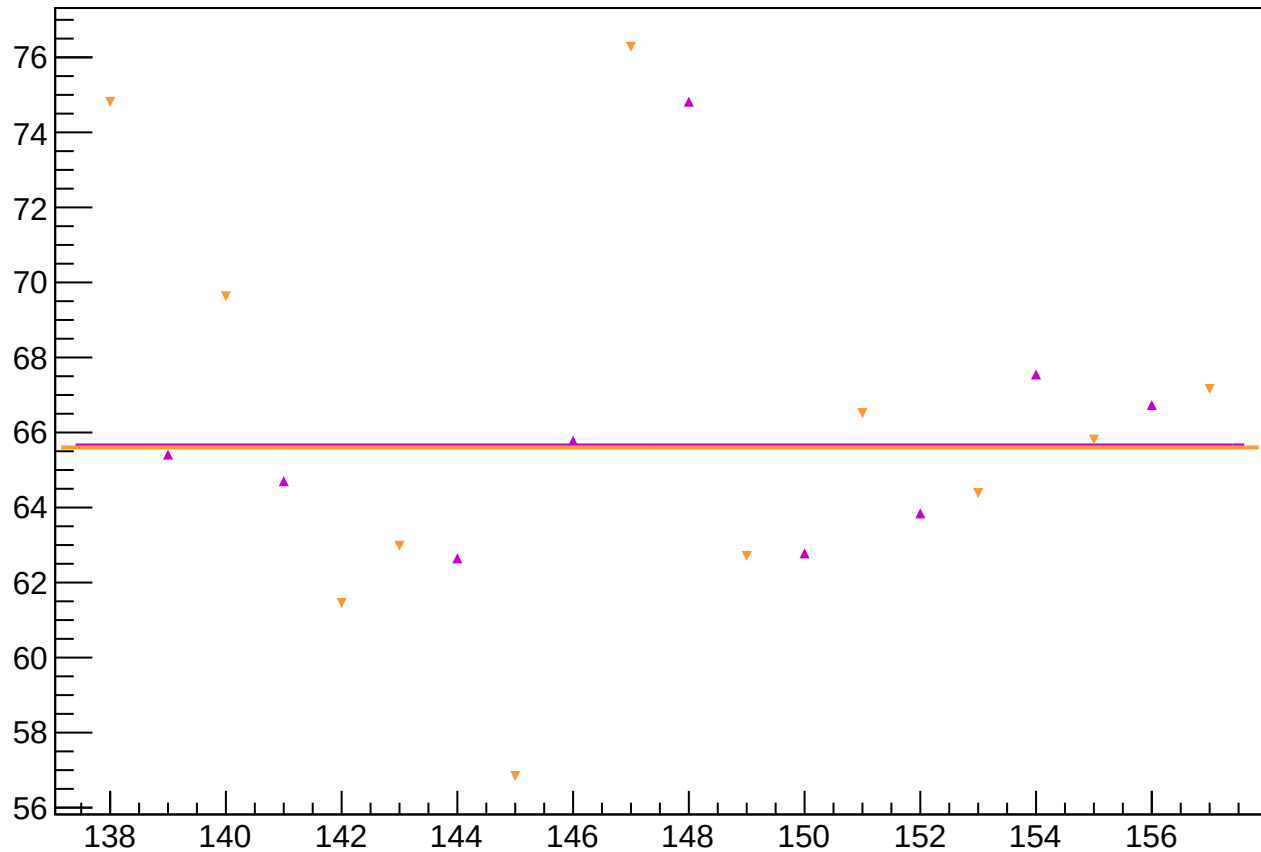
Left In: -23.622 $\pm$ 24.144 χ^2 /NDF:5.2/8

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

All: -3.429 $\pm$ 16.712 χ^2 /NDF: 16.3/19

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

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.600+/-0.016 χ^2/NDF : 104823.3/10

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

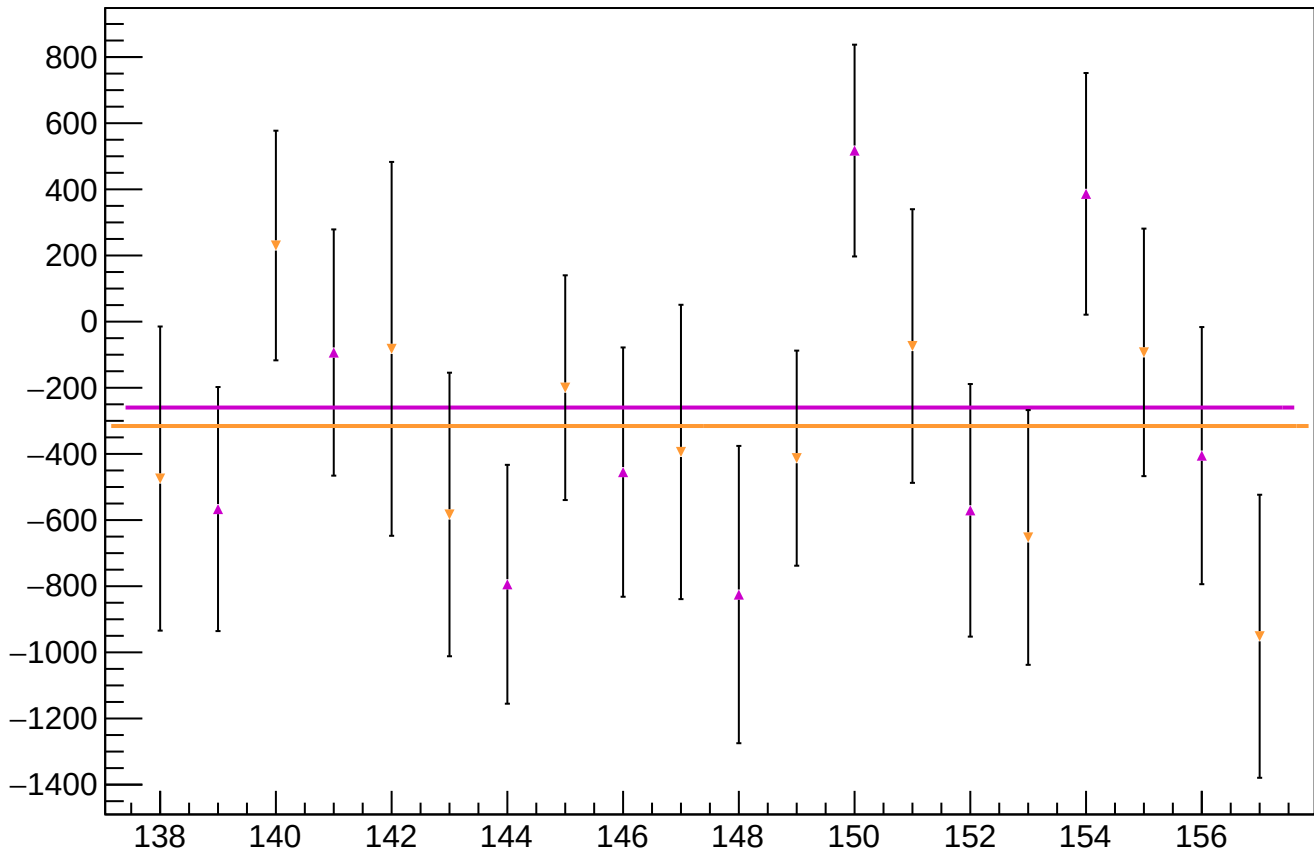
Left In: 65.655+/-0.017 χ^2/NDF : 35239.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.626+/-0.012 χ^2/NDF : 140068.3/19

- 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

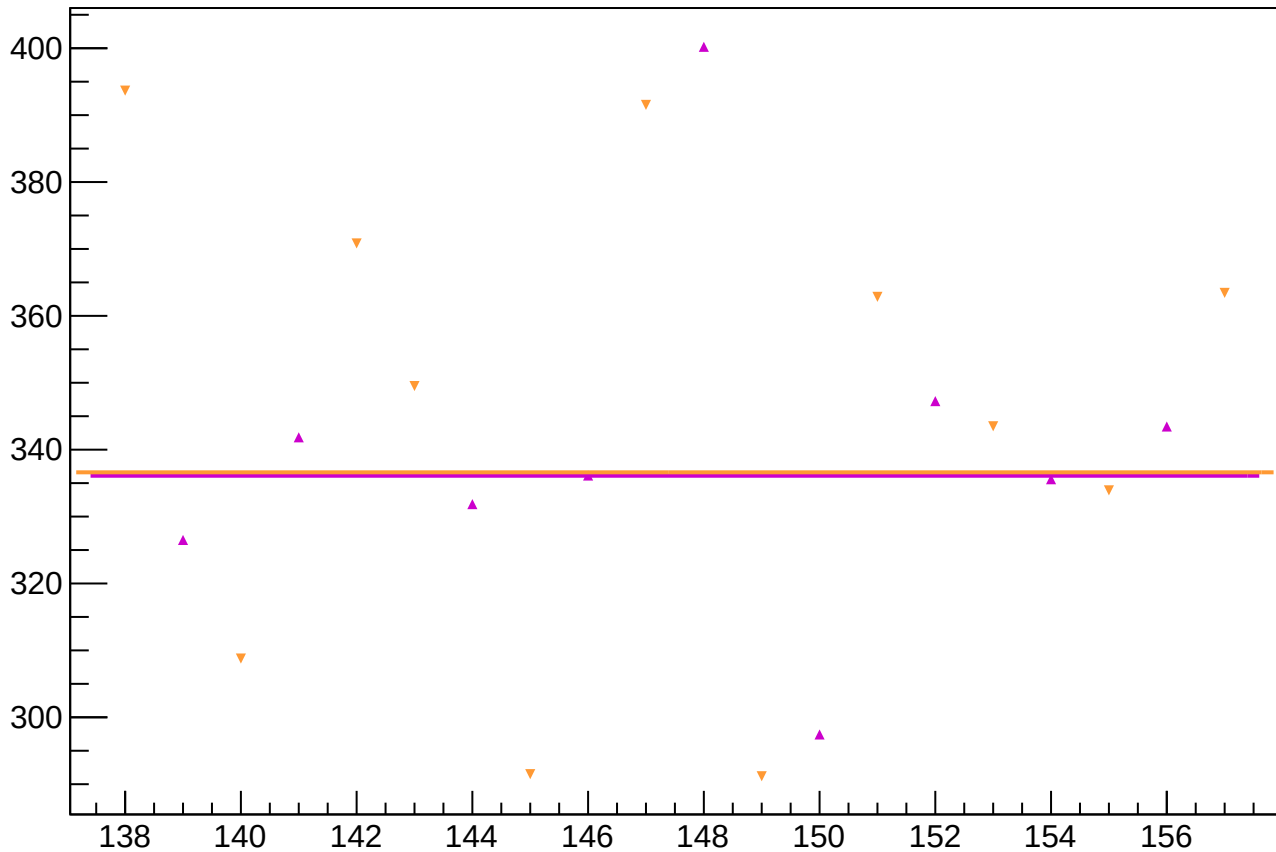
Left In: -259.739+/-124.096 χ^2/NDF : 14.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.717+/-86.103 χ^2/NDF : 21.9/19

- 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

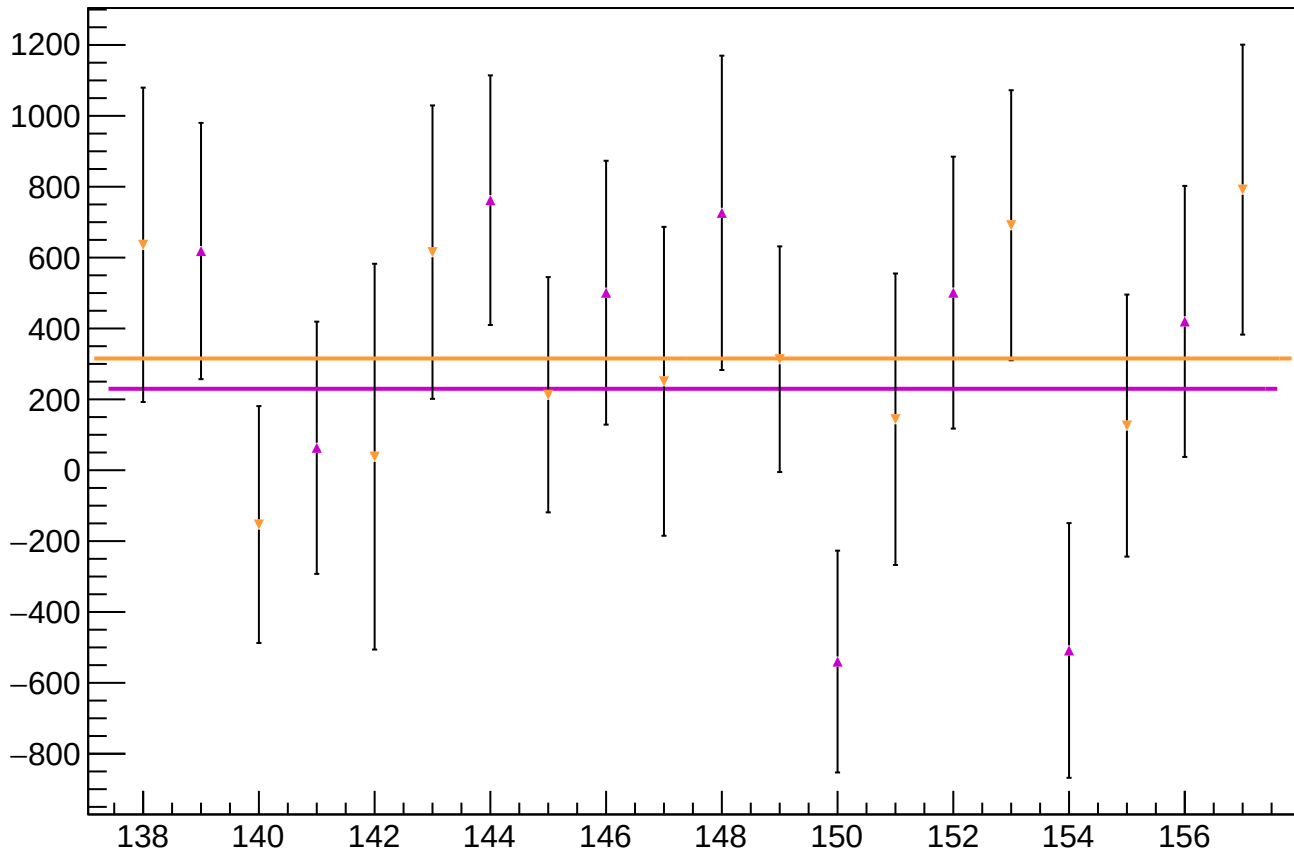
Left In: 336.104+/-0.088 χ^2/NDF :74391.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.369+/-0.061 χ^2/NDF : 248568.6/19

- 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

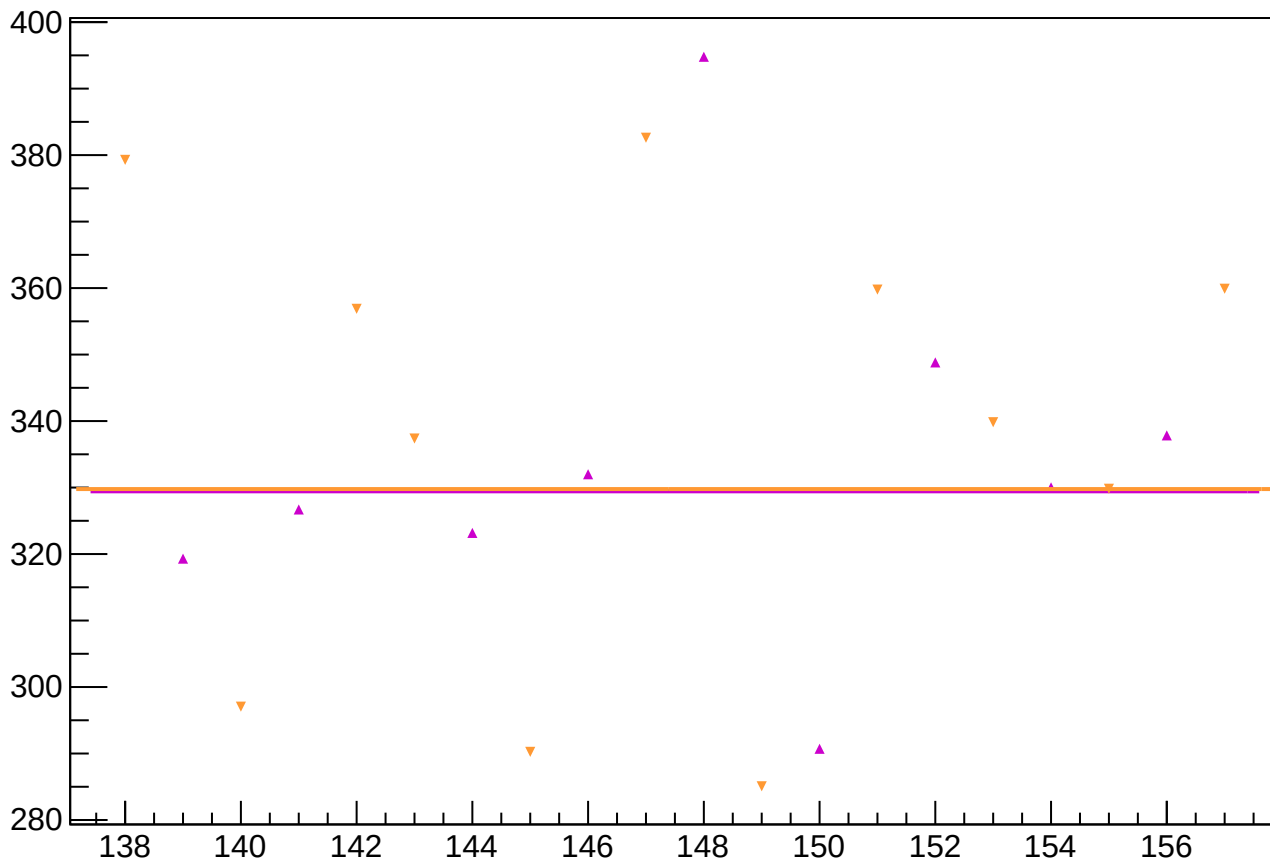
Left In: 229.822+/-121.723 χ^2/NDF : 16.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.420+/-84.205 χ^2/NDF : 22.9/19

- 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

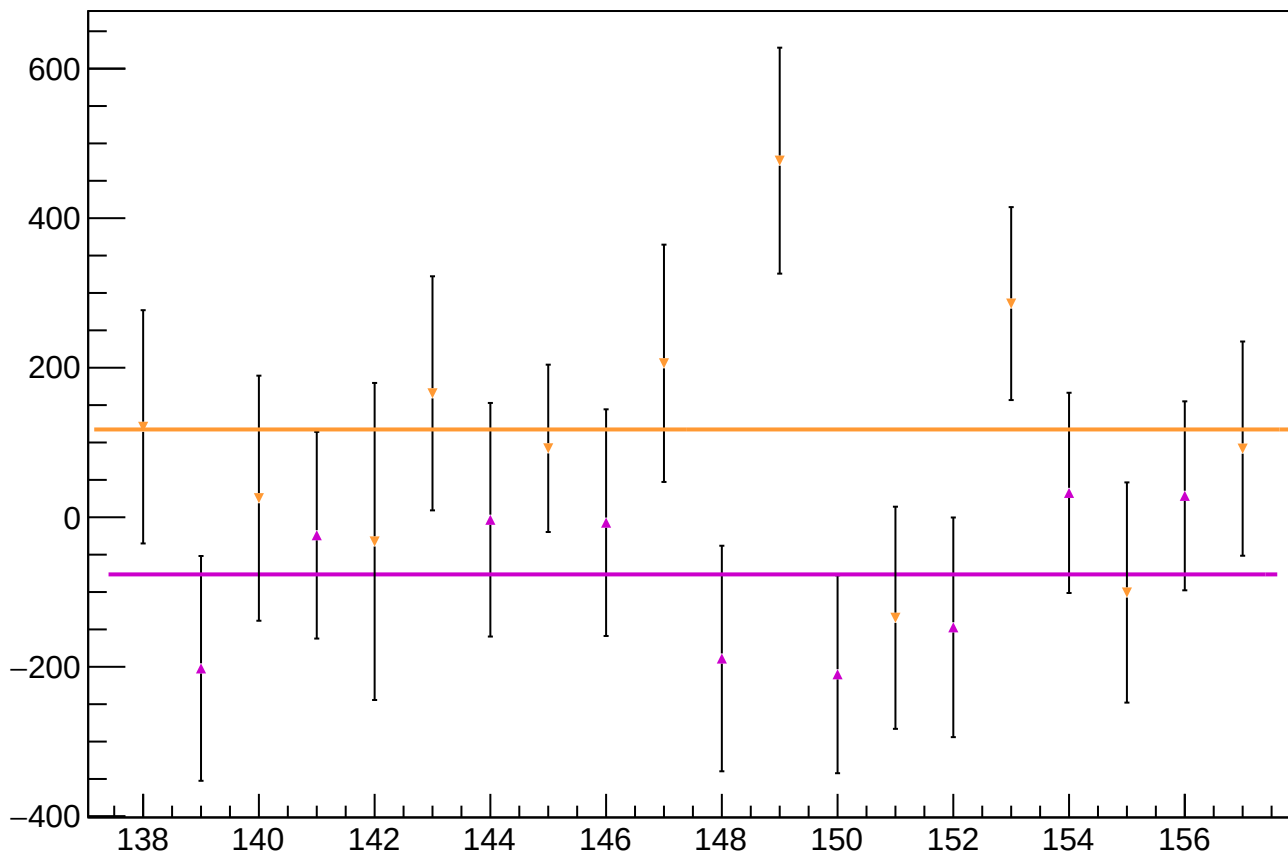
Left In: 329.434+/-0.086 χ^2/NDF : 82538.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.611+/-0.060 χ^2/NDF : 252341.5/19

- 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

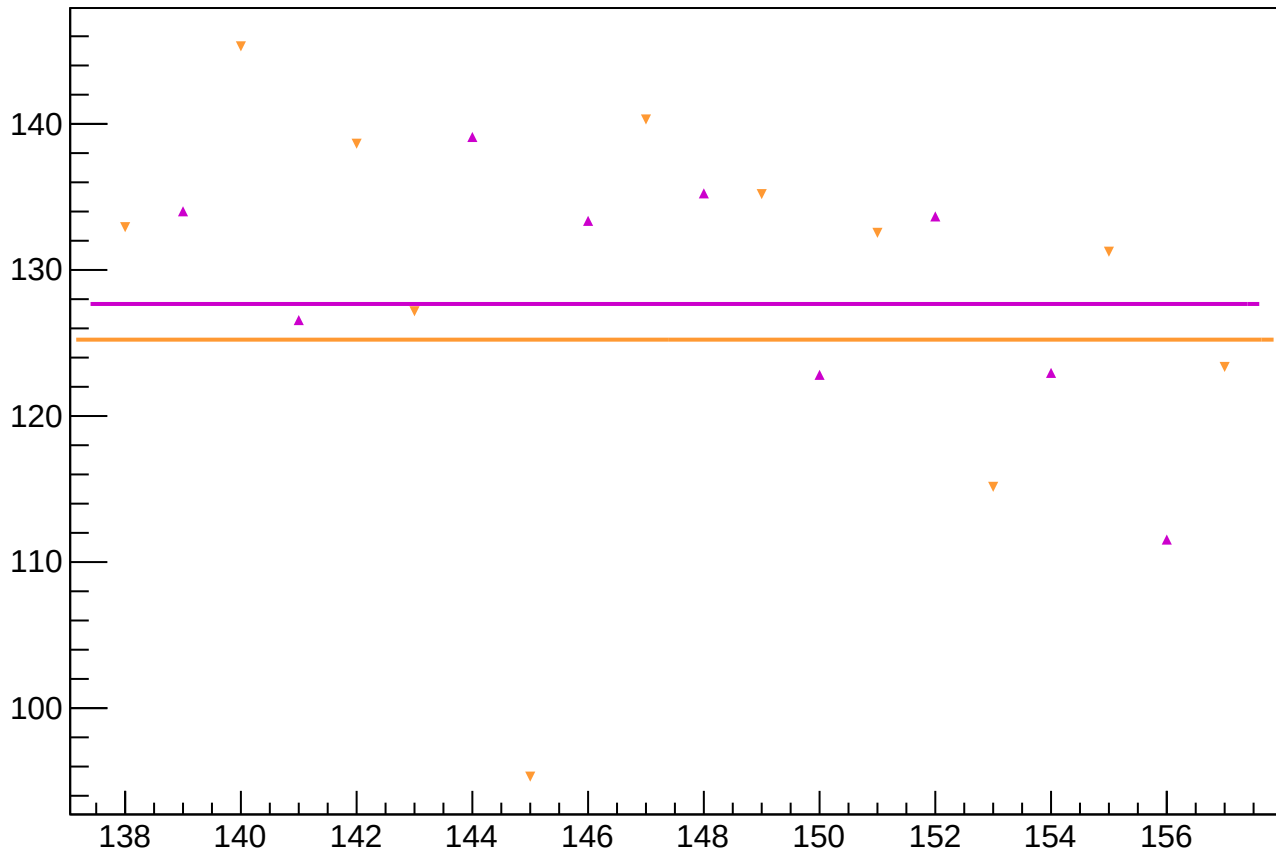
Left In: -76.416+/-47.303 χ^2/NDF :4.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.422+/-32.412 χ^2/NDF : 27.1/19

- 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

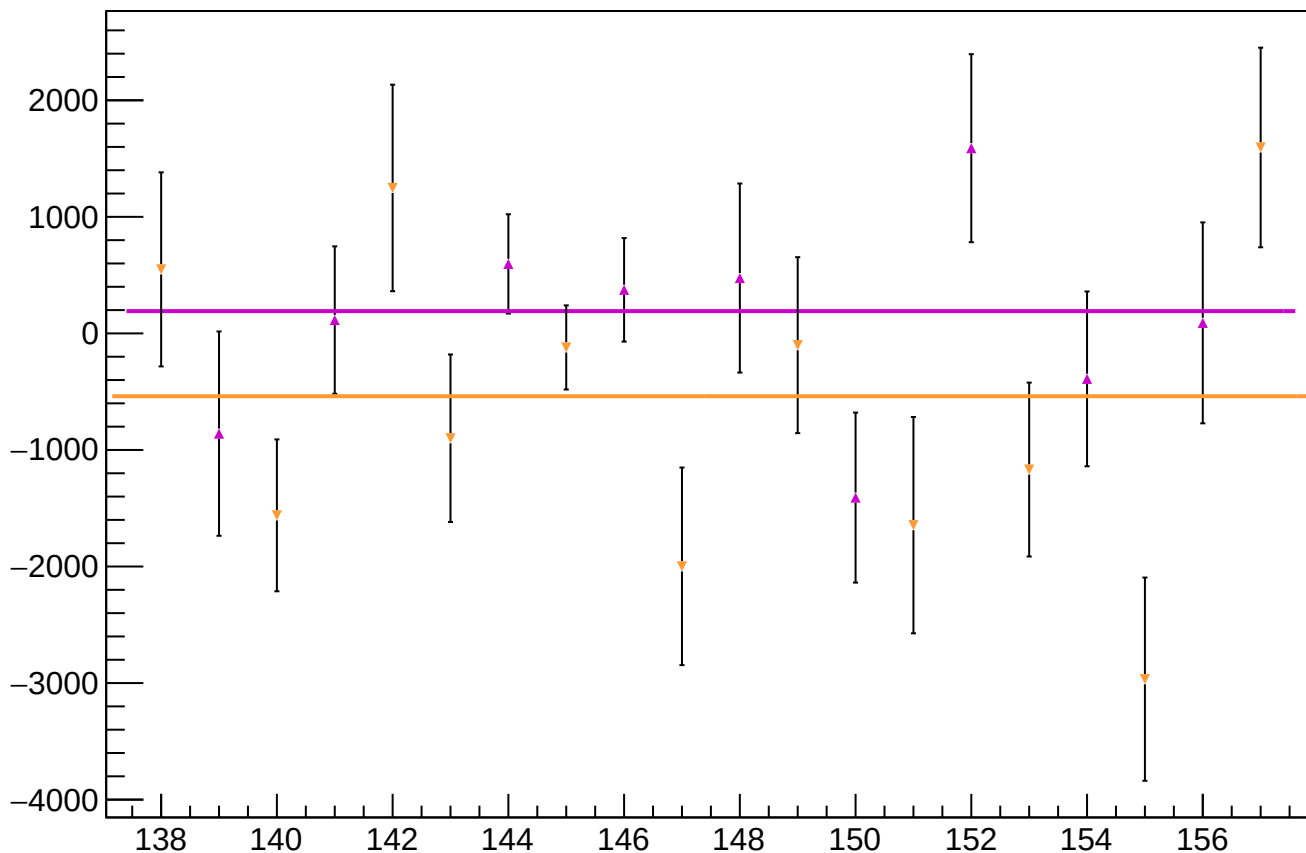
Left In: 127.671+/-0.033 χ^2/NDF :63352.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.376+/-0.023 χ^2/NDF : 299834.6/19

- 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

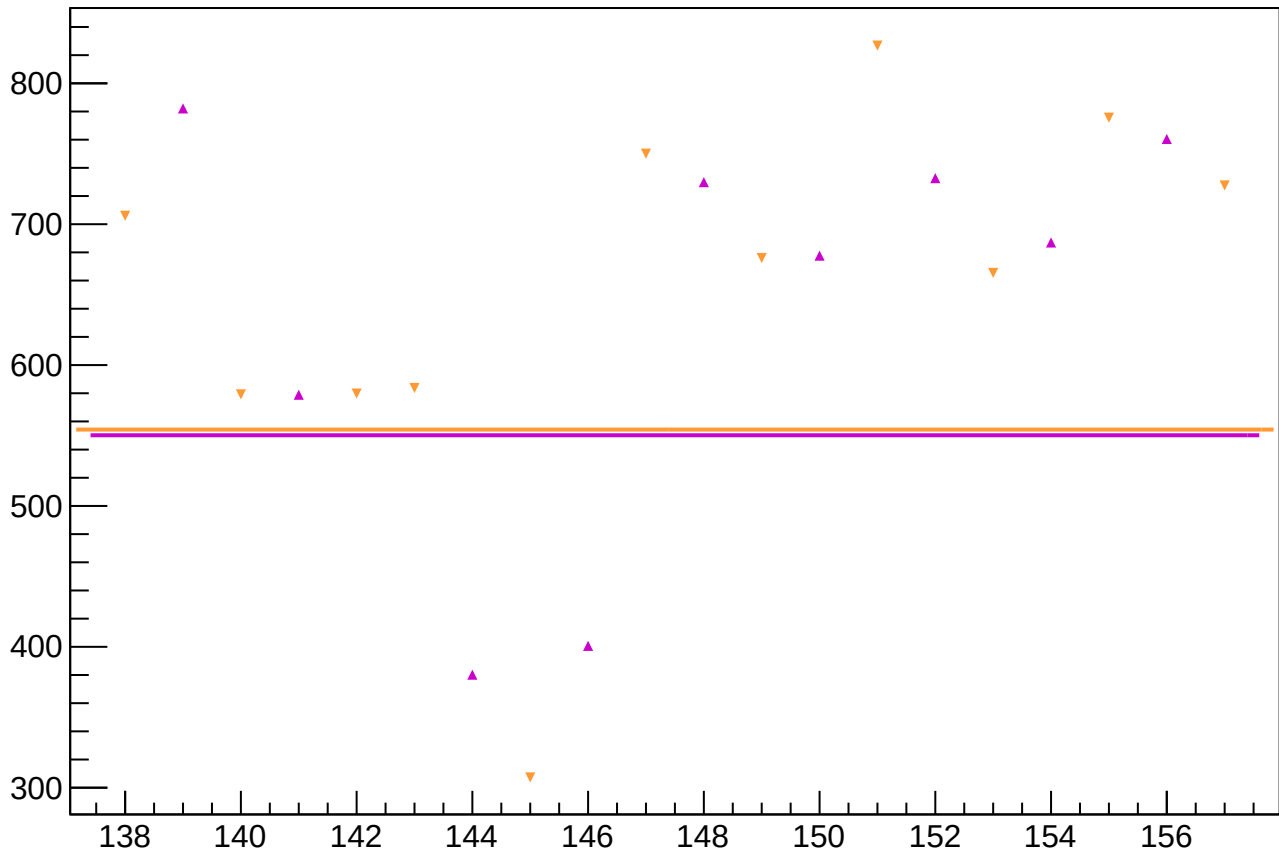
Left In: 191.184+/-211.079 χ^2/NDF : 11.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.098+/-147.568 χ^2/NDF : 46.4/19

- 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

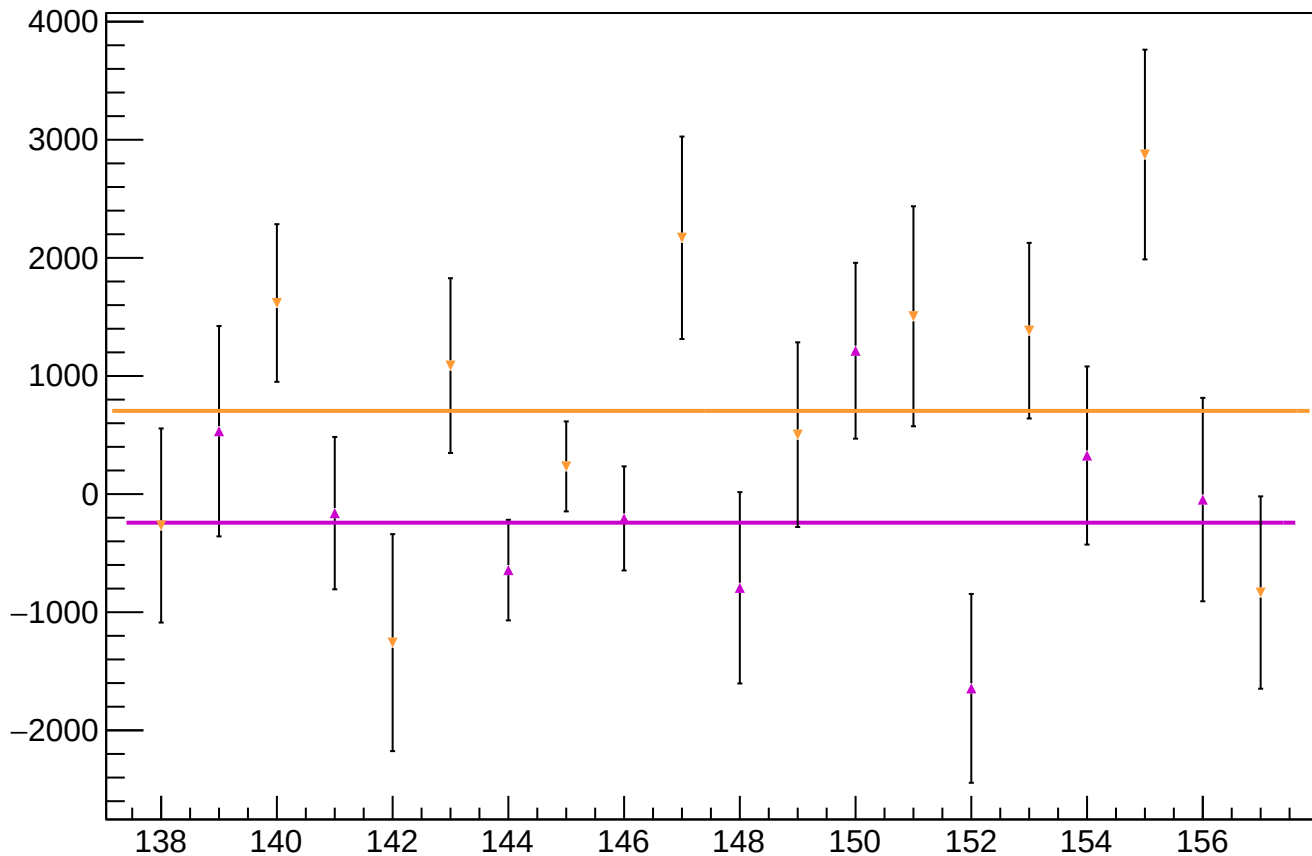
Left In: 550.183+/-0.149 χ^2/NDF :1136611.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.250+/-0.104 χ^2/NDF : 2735217.6/19

- 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

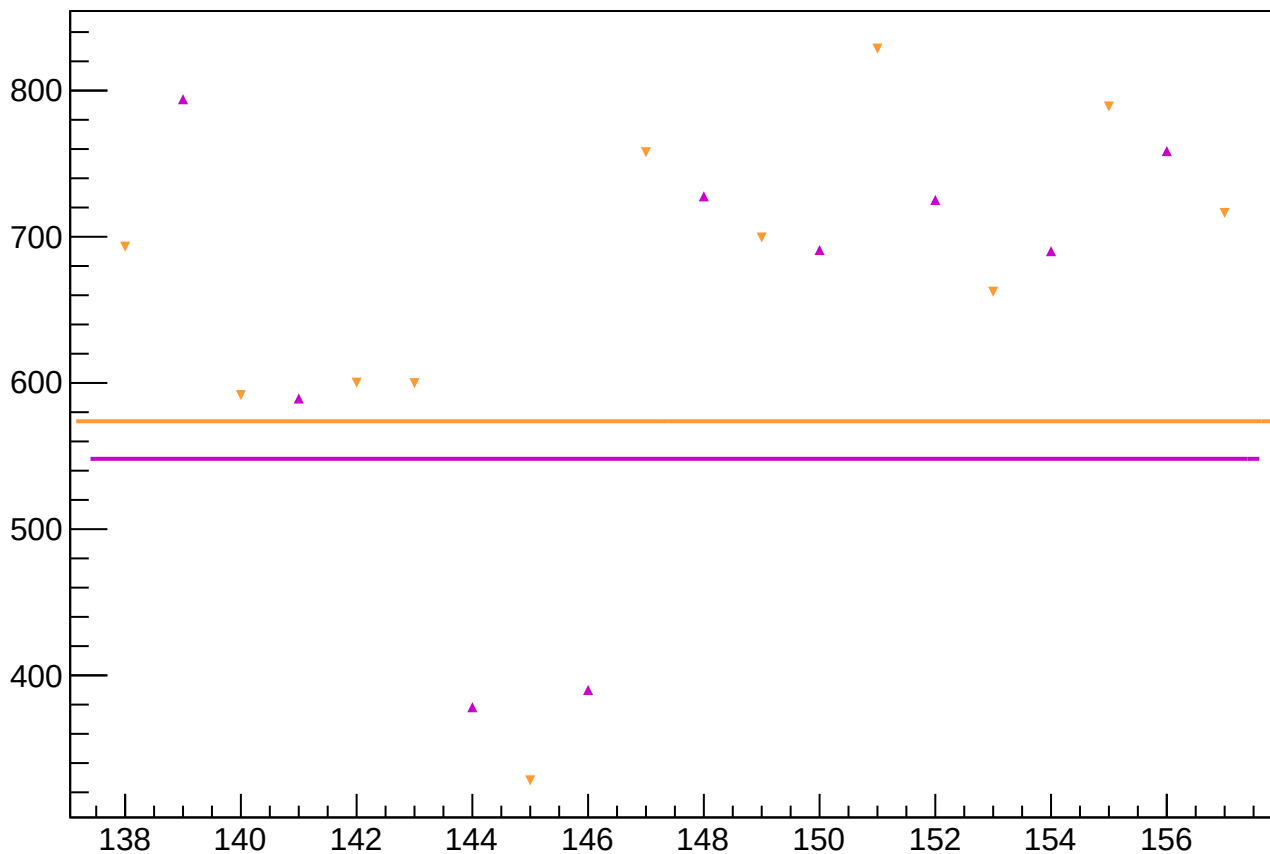
Left In: -242.054+/-211.616 χ^2/NDF : 9.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.647+/-149.568 χ^2/NDF : 43.4/19

- 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

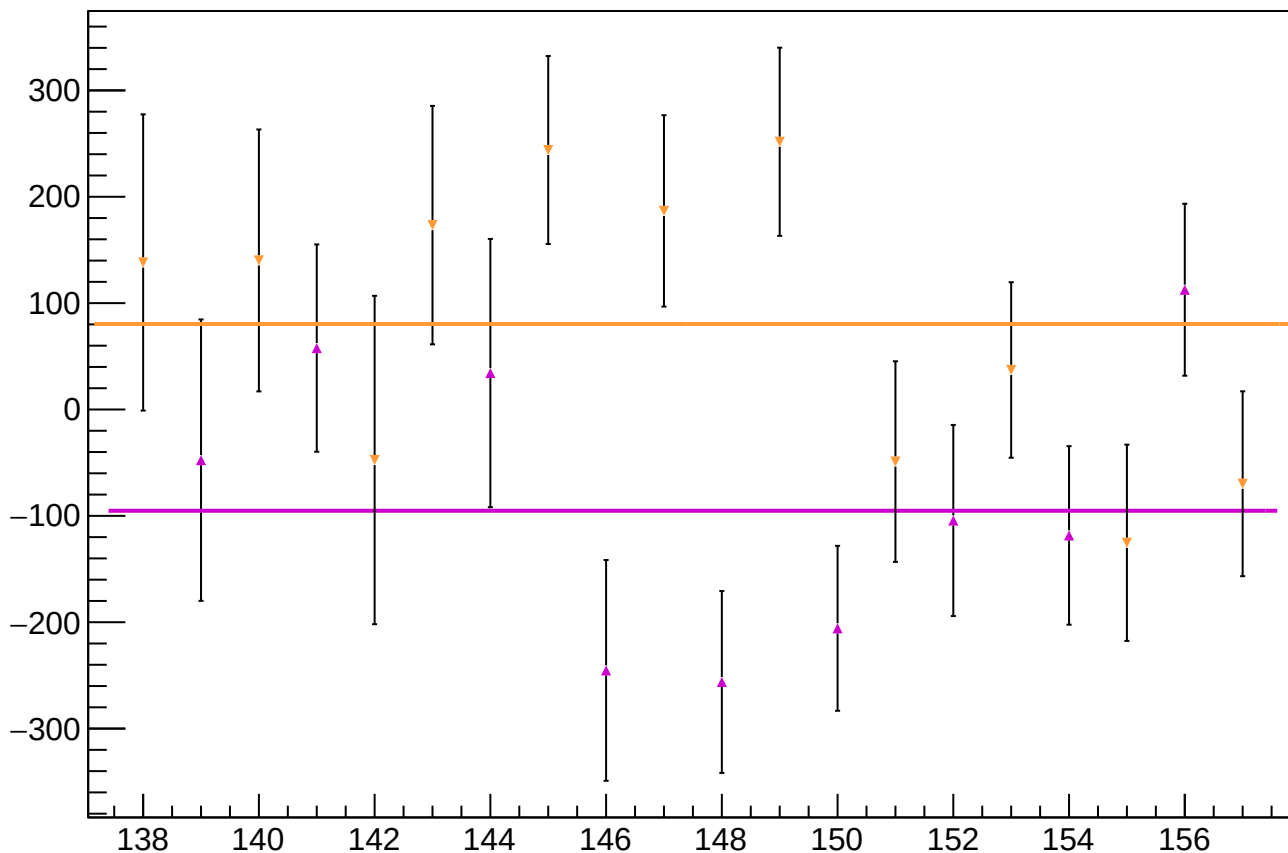
Left In: 548.110+/-0.150 χ^2/NDF :1197261.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.970+/-0.106 χ^2/NDF : 2592948.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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

Left Out: 80.363+/-29.779 χ^2/NDF :20.5/10

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

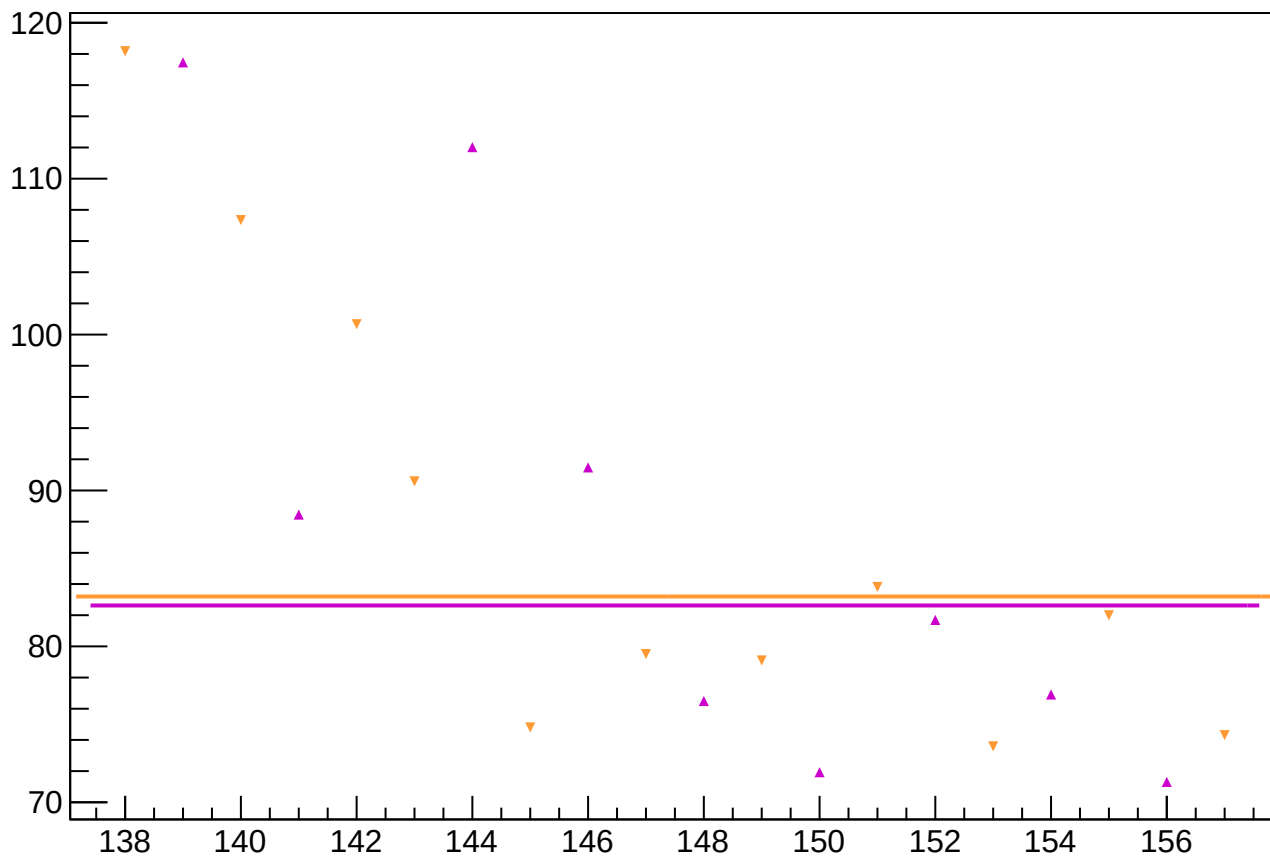
Left In: -95.203+/-31.008 χ^2/NDF :18.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.873+/-21.478 χ^2/NDF : 55.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug



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

Left Out: 83.199+/-0.021 χ^2/NDF :311613.5/10

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

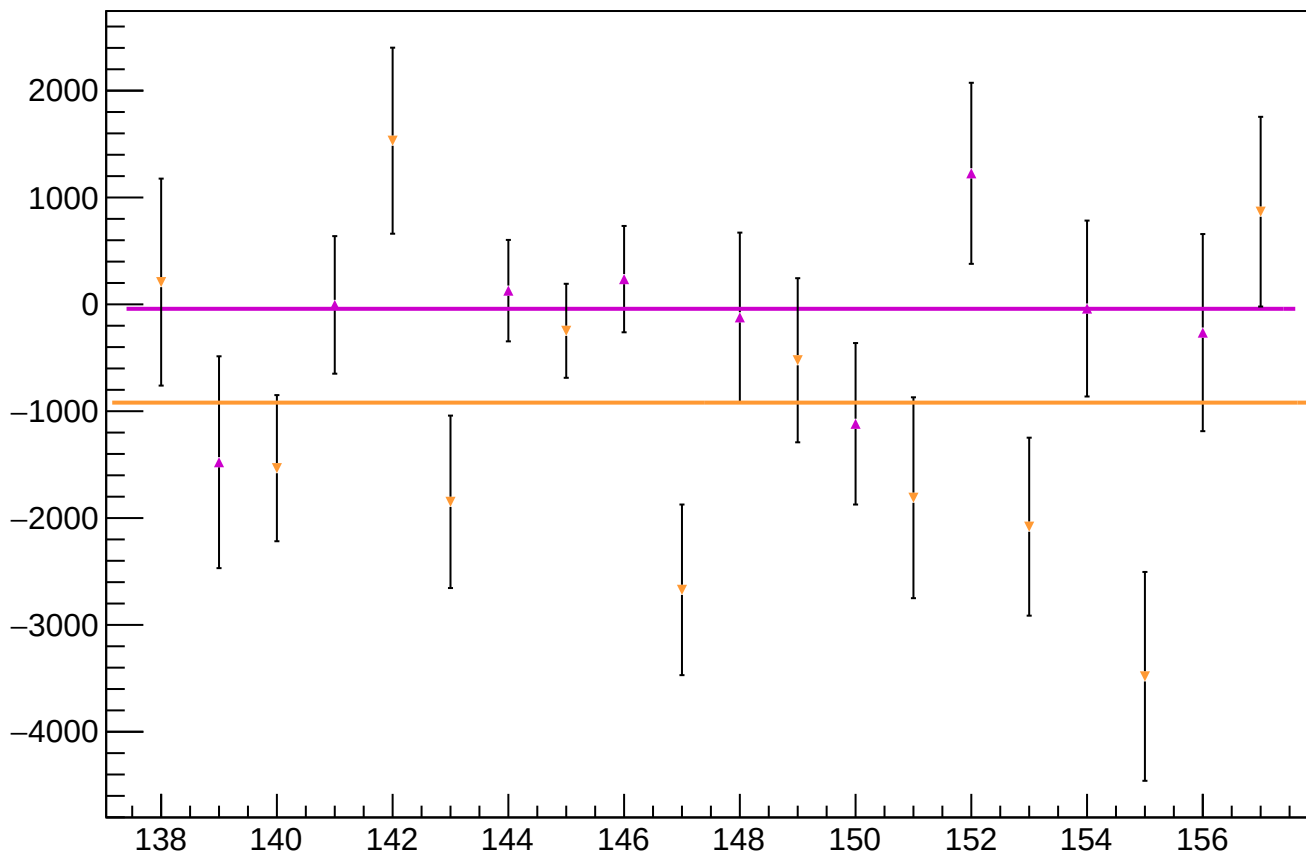
Left In: 82.624+/-0.022 χ^2/NDF :366091.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.923+/-0.015 χ^2/NDF : 678063.6/19

- 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

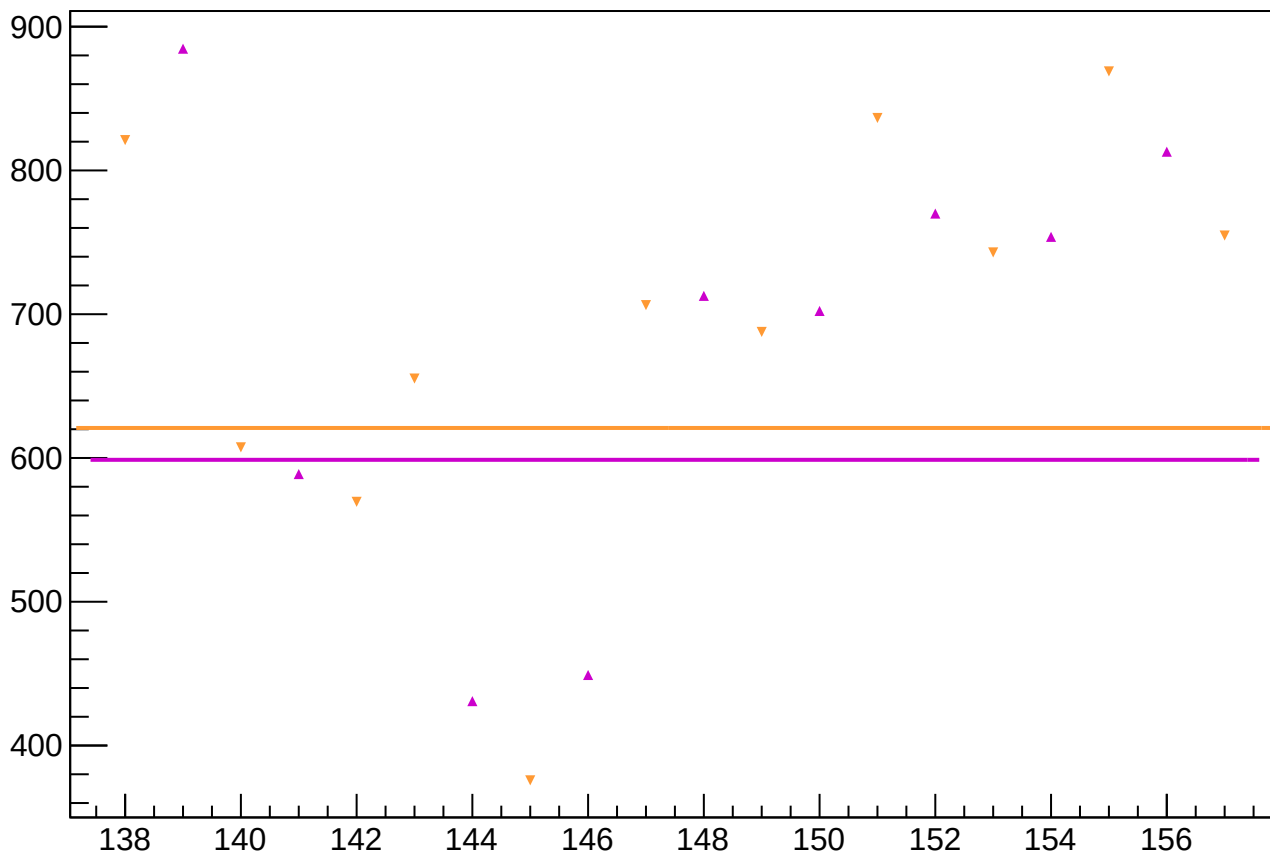
Left In: -41.700+/-227.669 χ^2/NDF :6.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -481.686+/-160.805 χ^2/NDF : 46.9/19

- 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

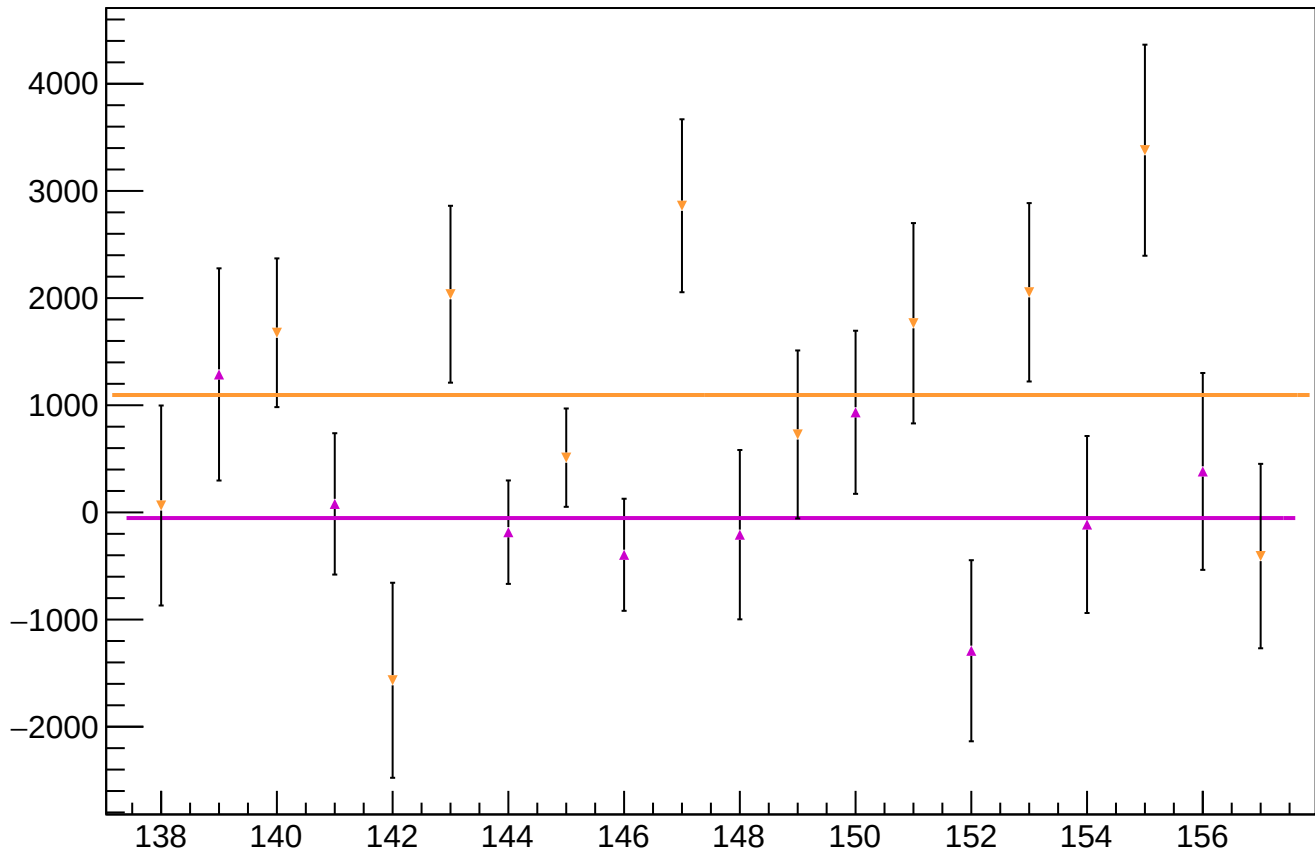
Left In: 598.723+/-0.161 χ^2/NDF : 937449.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.826+/-0.114 χ^2/NDF : 2025129.6/19

- 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

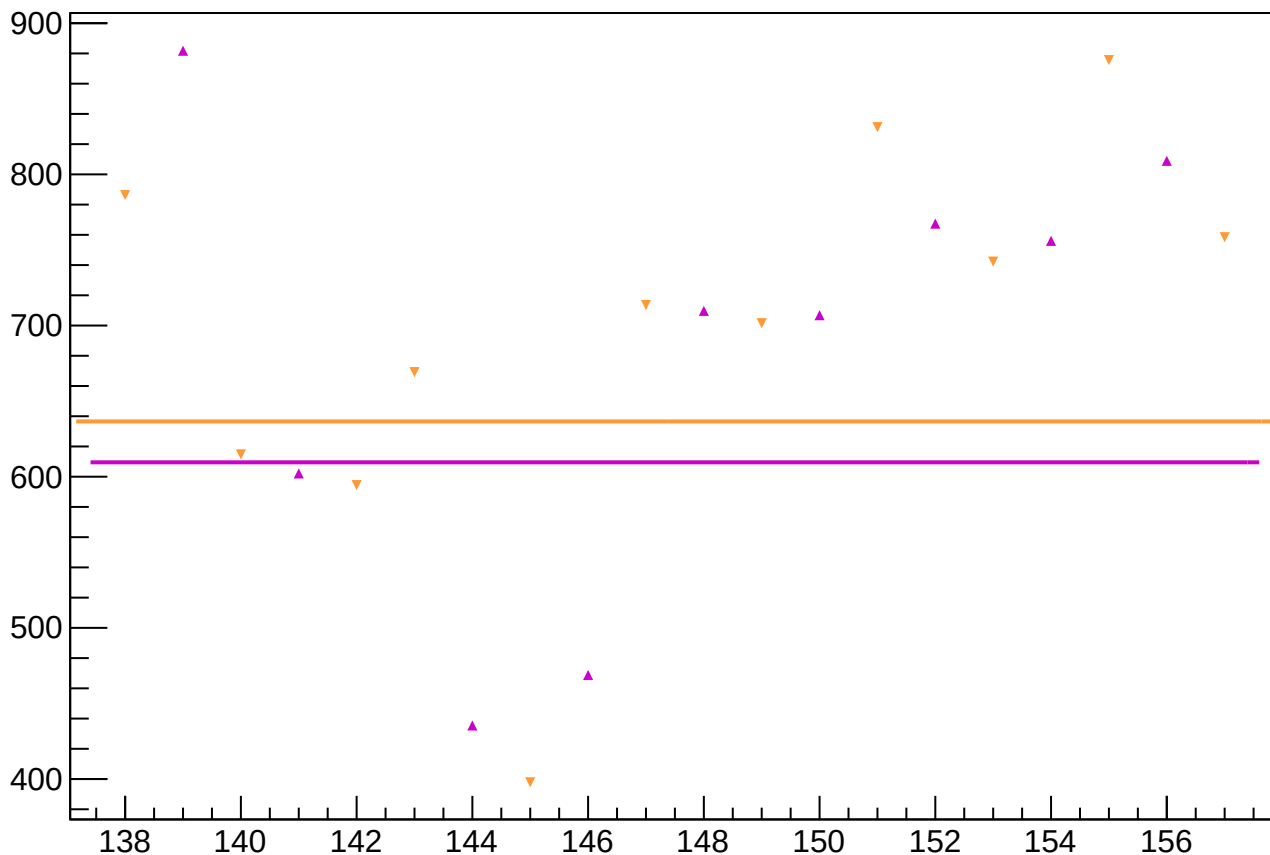
Left In: -52.685+/-231.572 χ^2/NDF : 6.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.500+/-163.455 χ^2/NDF : 47.5/19

- 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

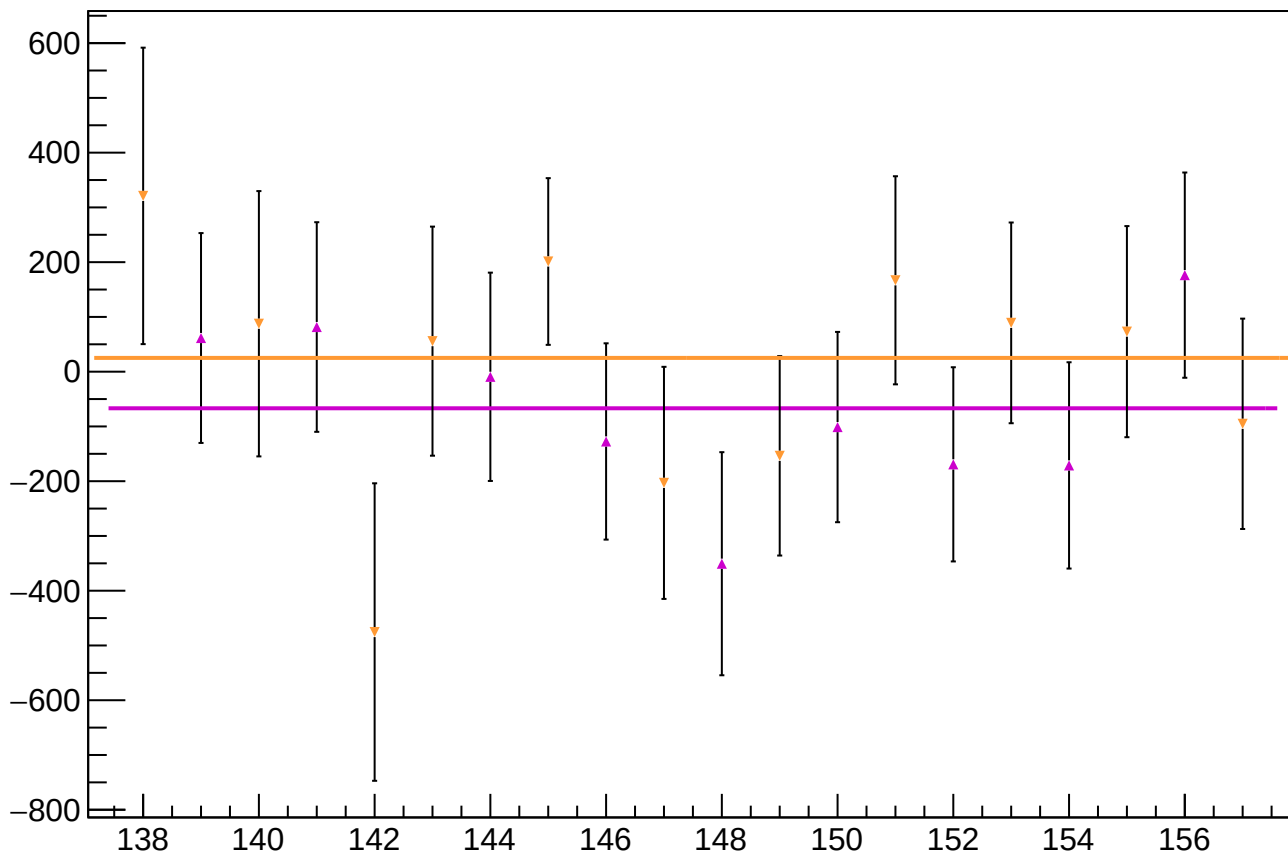
Left In: 609.511+/-0.164 χ^2/NDF :848310.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.090+/-0.116 χ^2/NDF : 1773083.6/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 25.155 $\pm$ 60.397 χ^2 /NDF:9.3/10

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

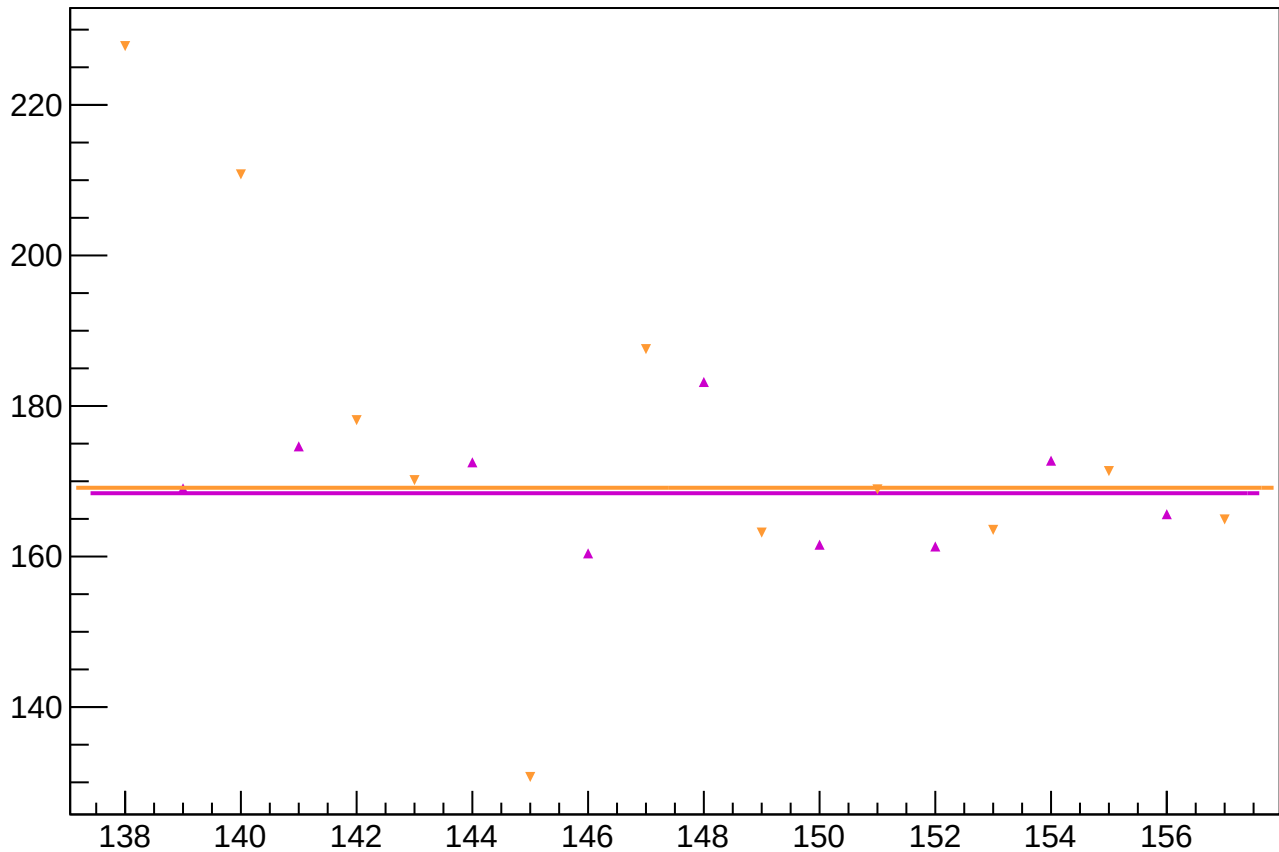
Left In: -66.846 $\pm$ 62.141 χ^2 /NDF:5.6/8

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

All: -19.536 $\pm$ 43.310 χ^2 /NDF: 16.0/19

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

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 169.137+/-0.043 χ^2/NDF : 303061.5/10

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

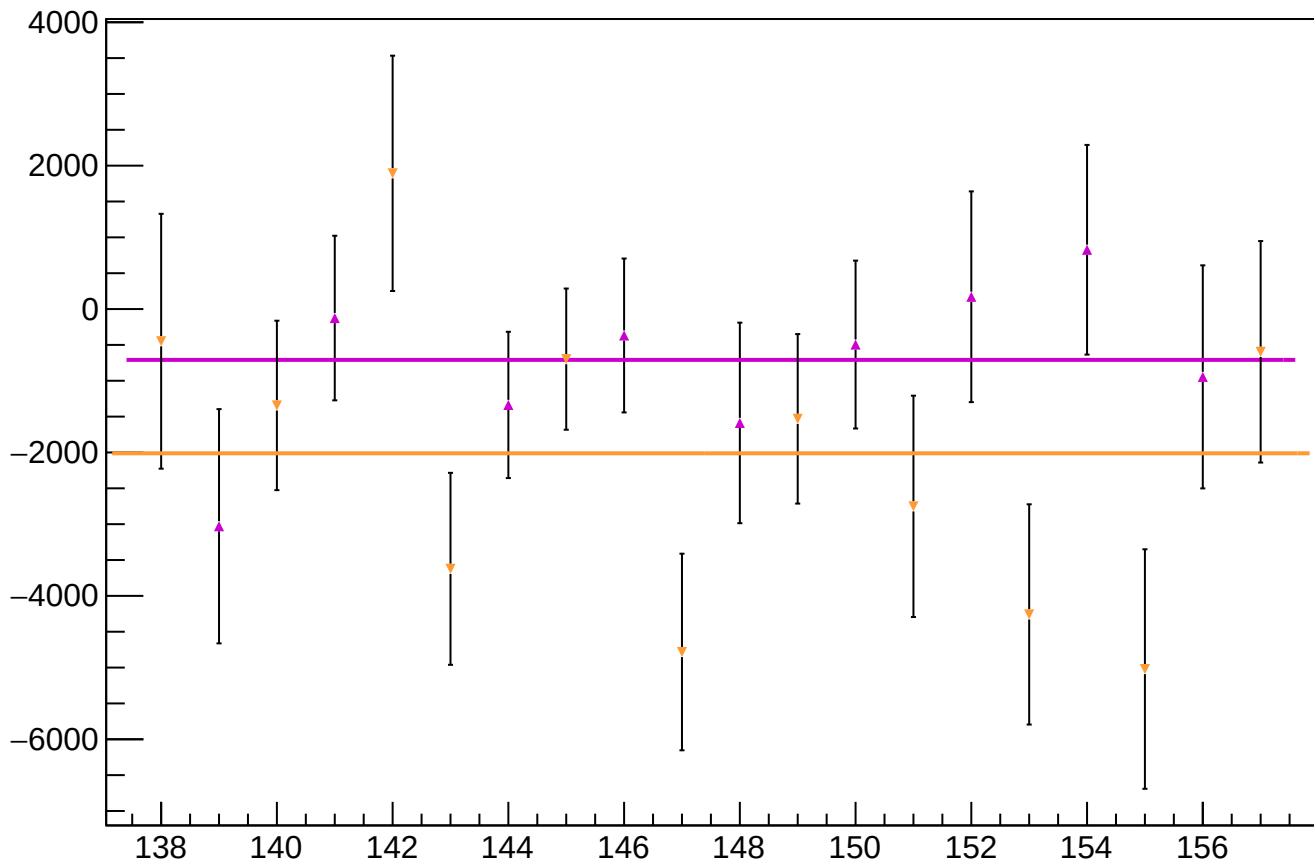
Left In: 168.411+/-0.044 χ^2/NDF : 25351.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.784+/-0.031 χ^2/NDF : 328553.6/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -2011.693 $\pm$ 412.992 χ^2 /NDF:20.7/10

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

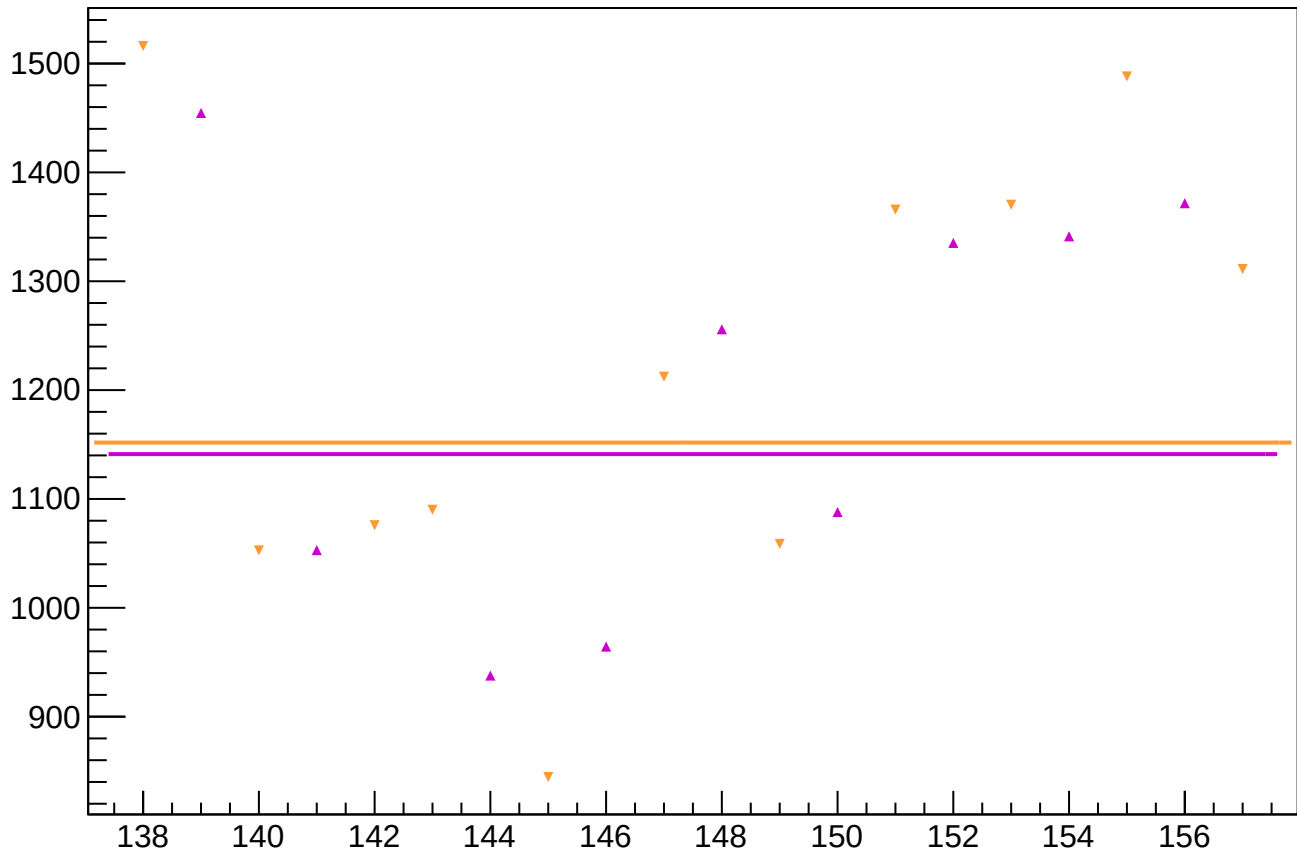
Left In: -708.877 $\pm$ 424.525 χ^2 /NDF:4.7/8

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

All: -1378.222 $\pm$ 296.023 χ^2 /NDF: 30.2/19

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

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1151.831+/-0.292 χ^2/NDF : 499015.1/10

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

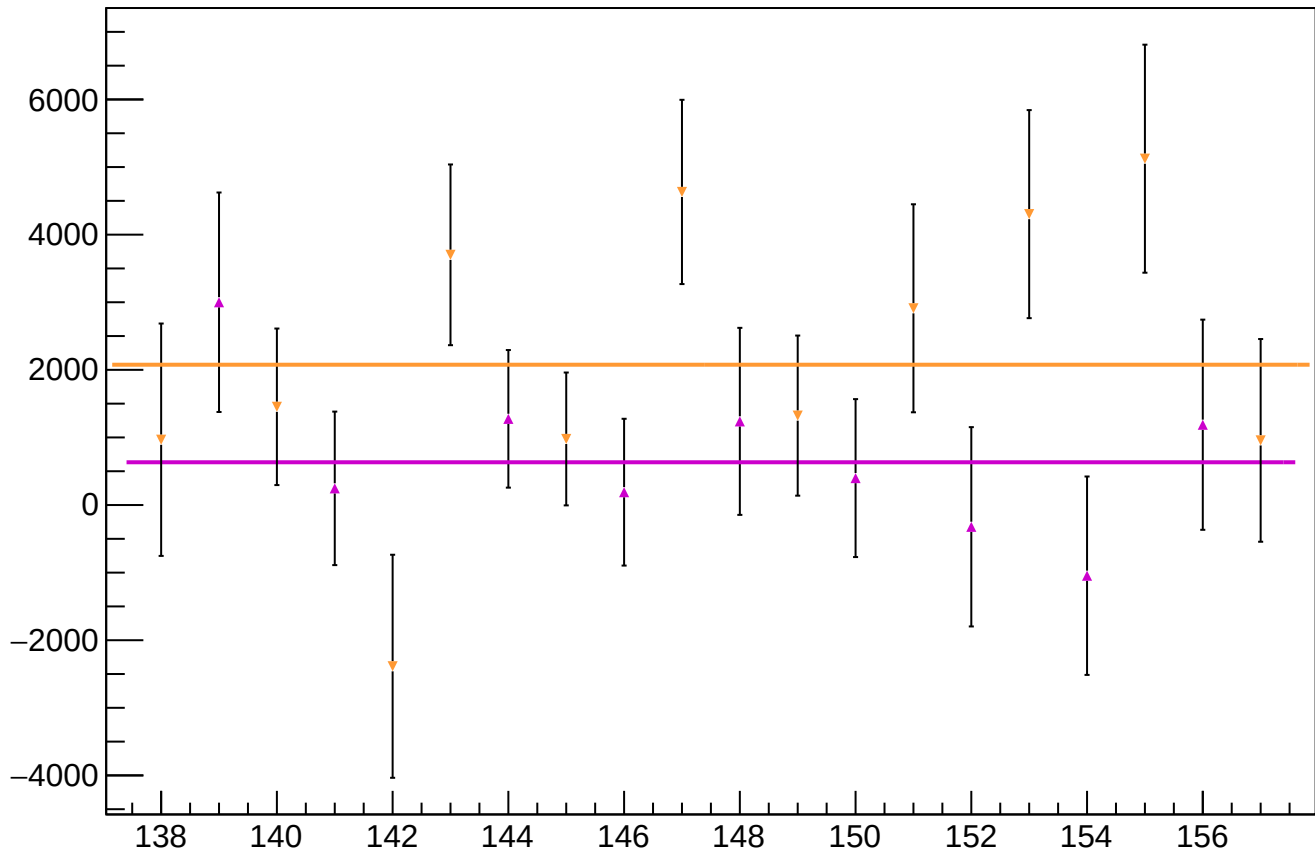
Left In: 1141.189+/-0.300 χ^2/NDF : 353103.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1146.656+/-0.209 χ^2/NDF : 852764.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 2075.784+/-410.359 χ^2/NDF : 20.9/10

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

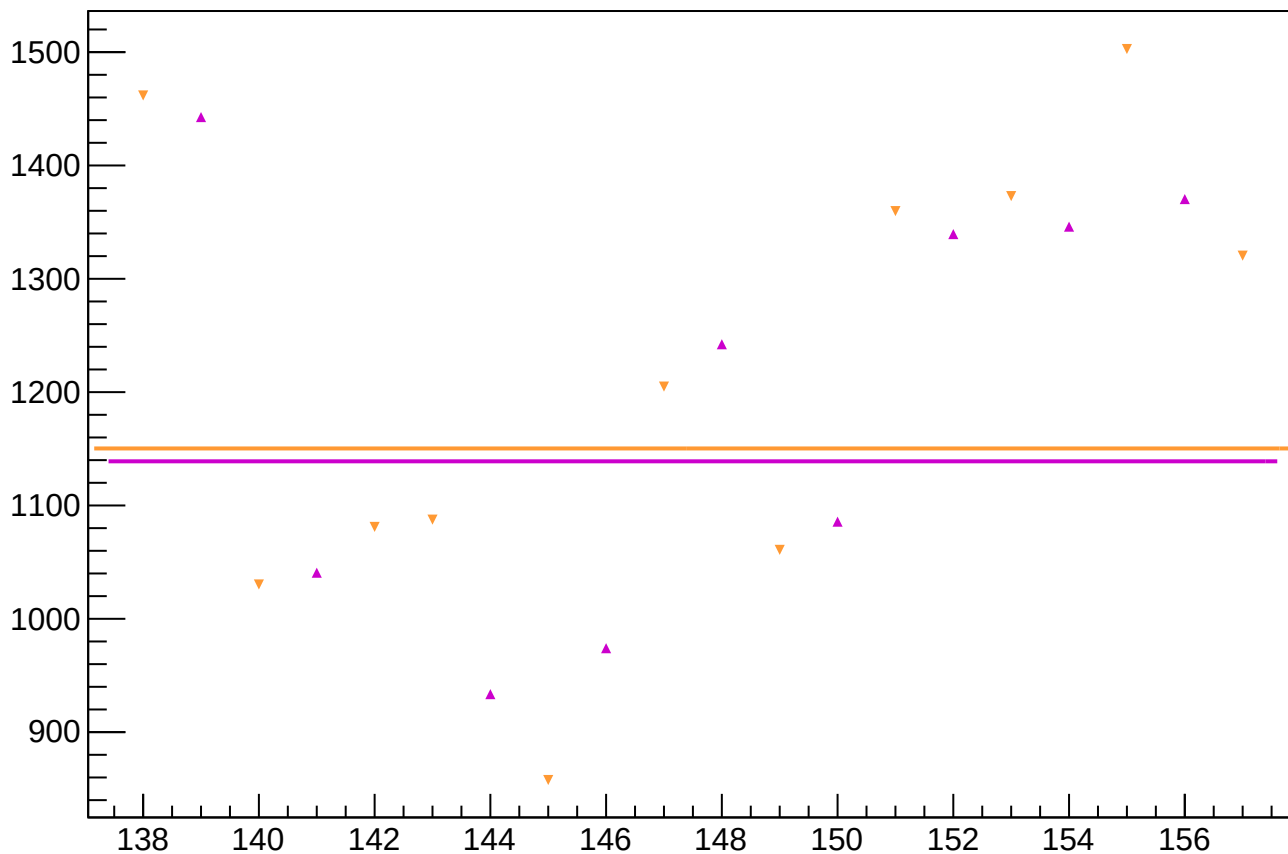
Left In: 632.611+/-424.040 χ^2/NDF : 4.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.855+/-294.886 χ^2/NDF : 31.8/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



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

Left Out: 1150.311+/-0.290 χ^2/NDF : 478877.0/10

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

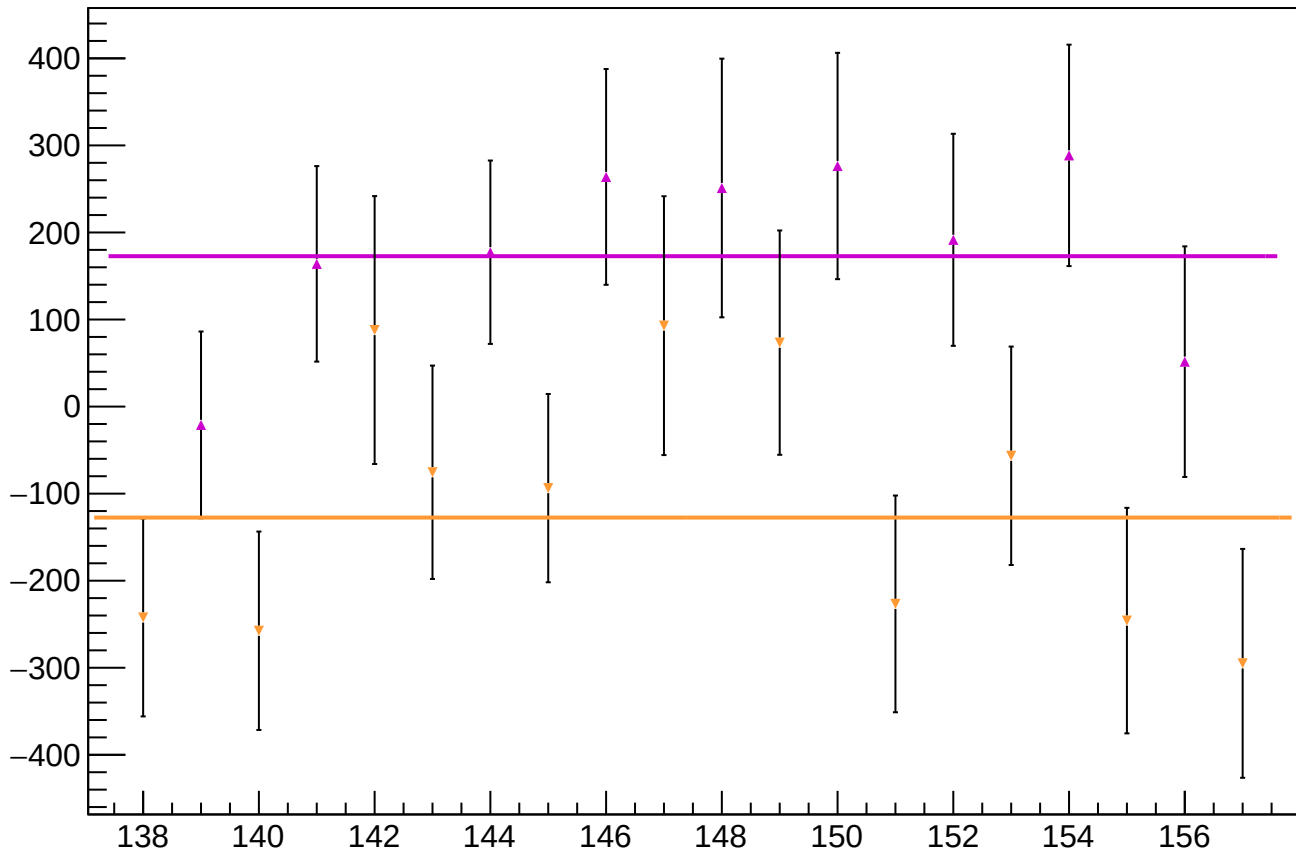
Left In: 1138.957+/-0.300 χ^2/NDF : 348978.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

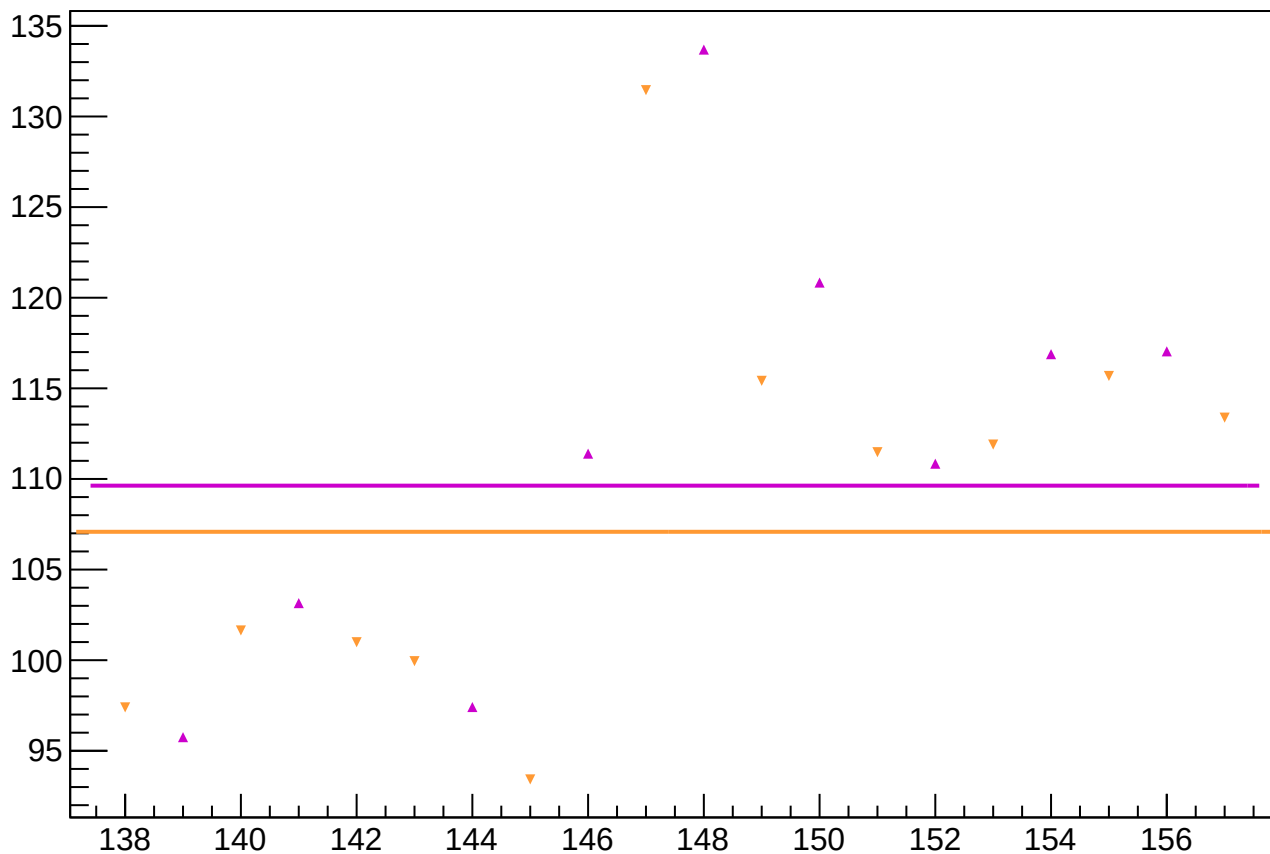
All: 1144.820+/-0.209 χ^2/NDF : 828596.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

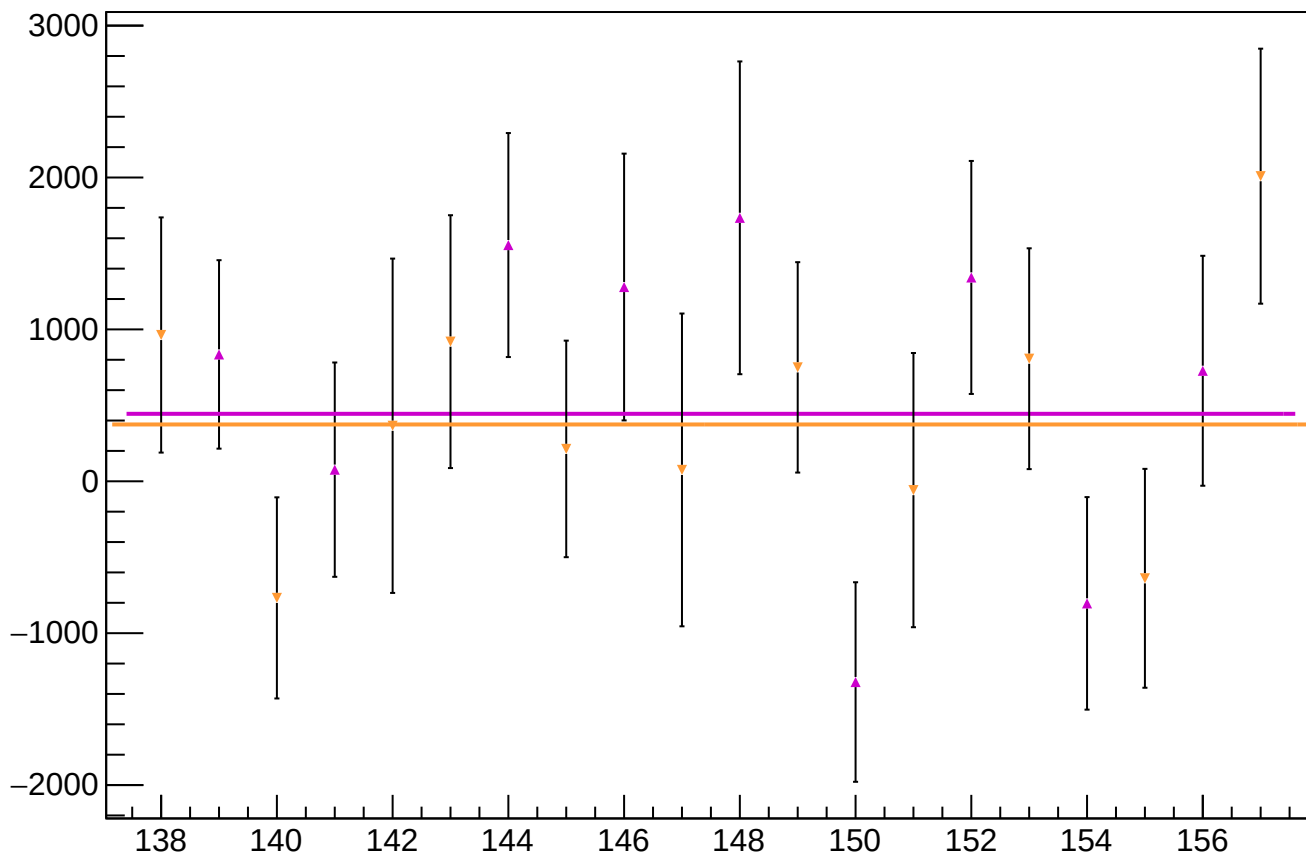
Left In: 109.630+/-0.029 χ^2/NDF :147759.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.273+/-0.020 χ^2/NDF : 293877.5/19

- 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

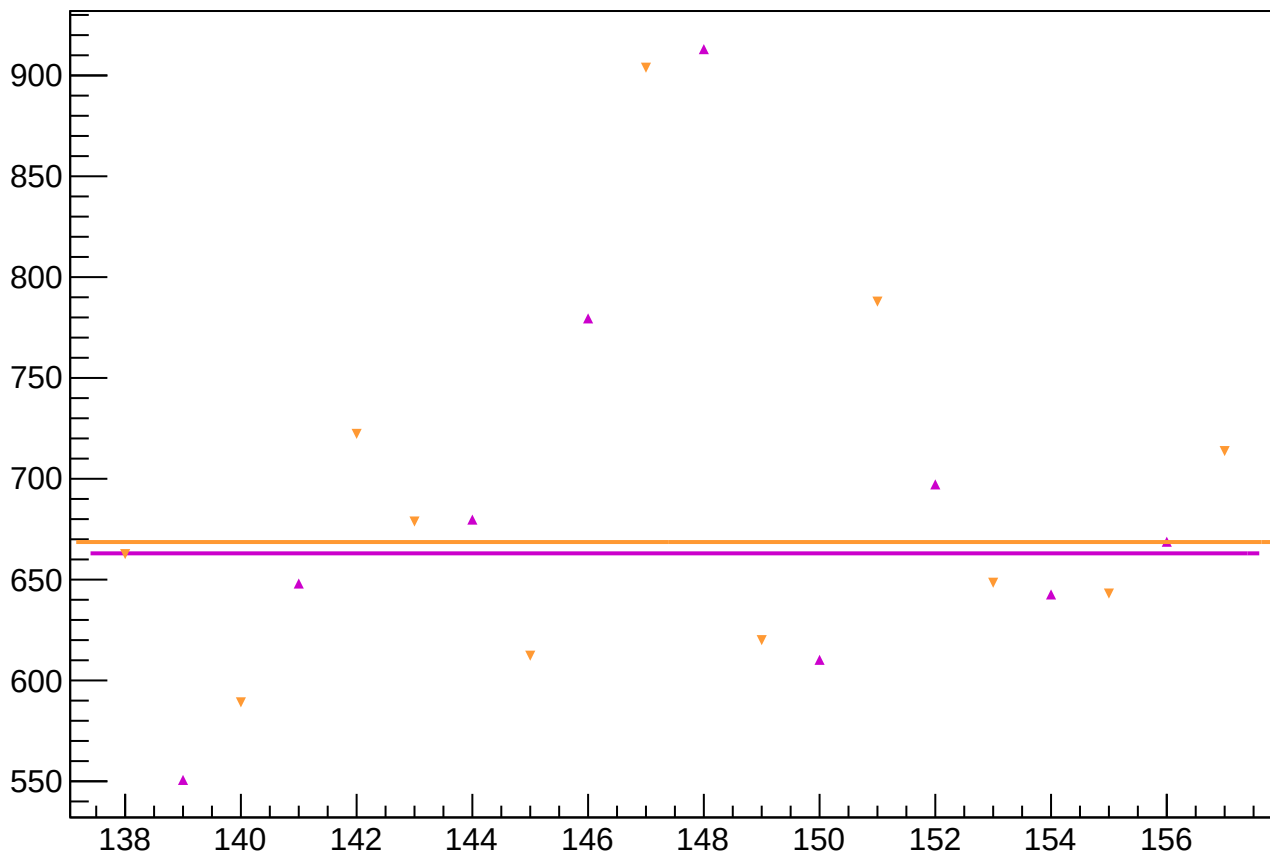
Left In: 444.216+/-246.243 χ^2/NDF : 17.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.959+/-171.068 χ^2/NDF : 28.1/19

- 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

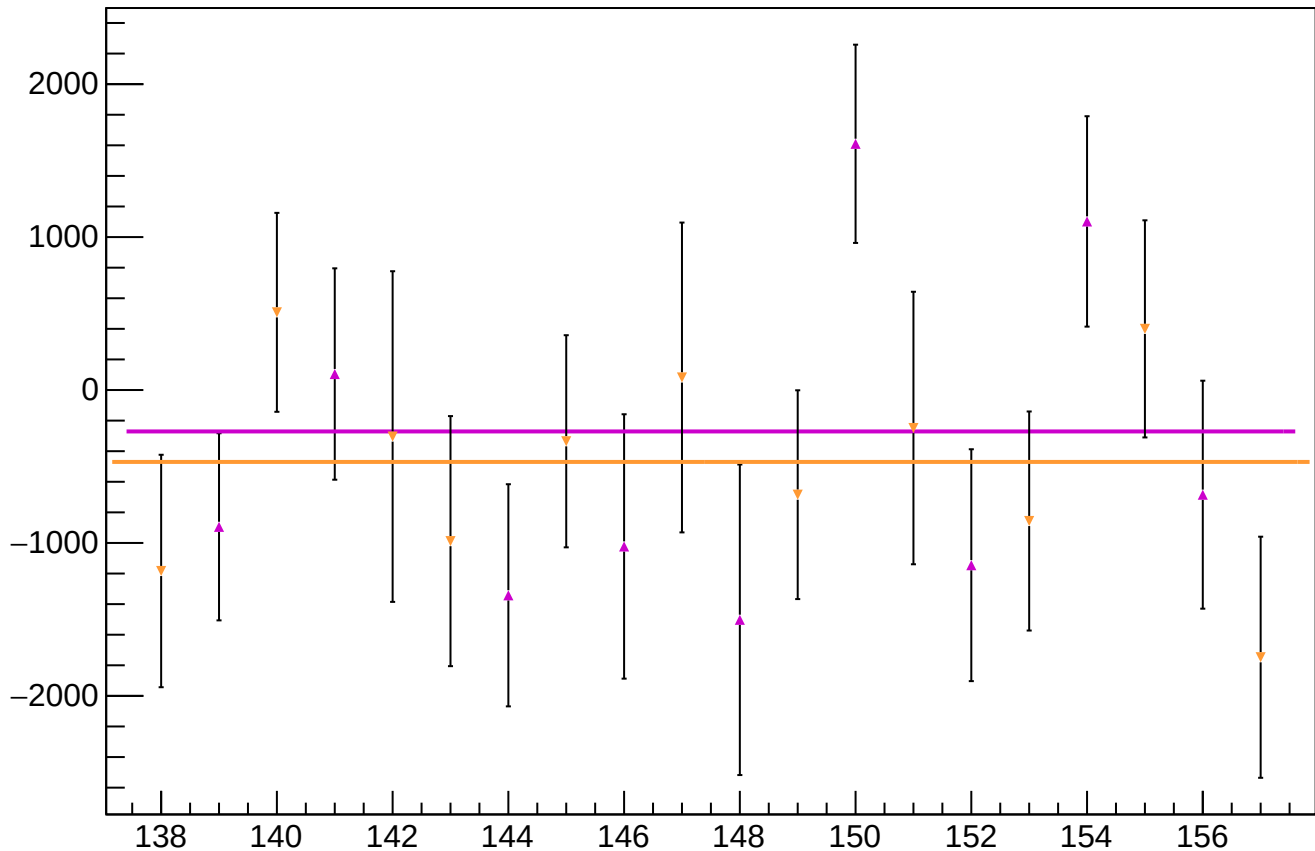
Left In: 663.027+/-0.174 χ^2/NDF : 239367.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.928+/-0.121 χ^2/NDF : 445353.2/19

- 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

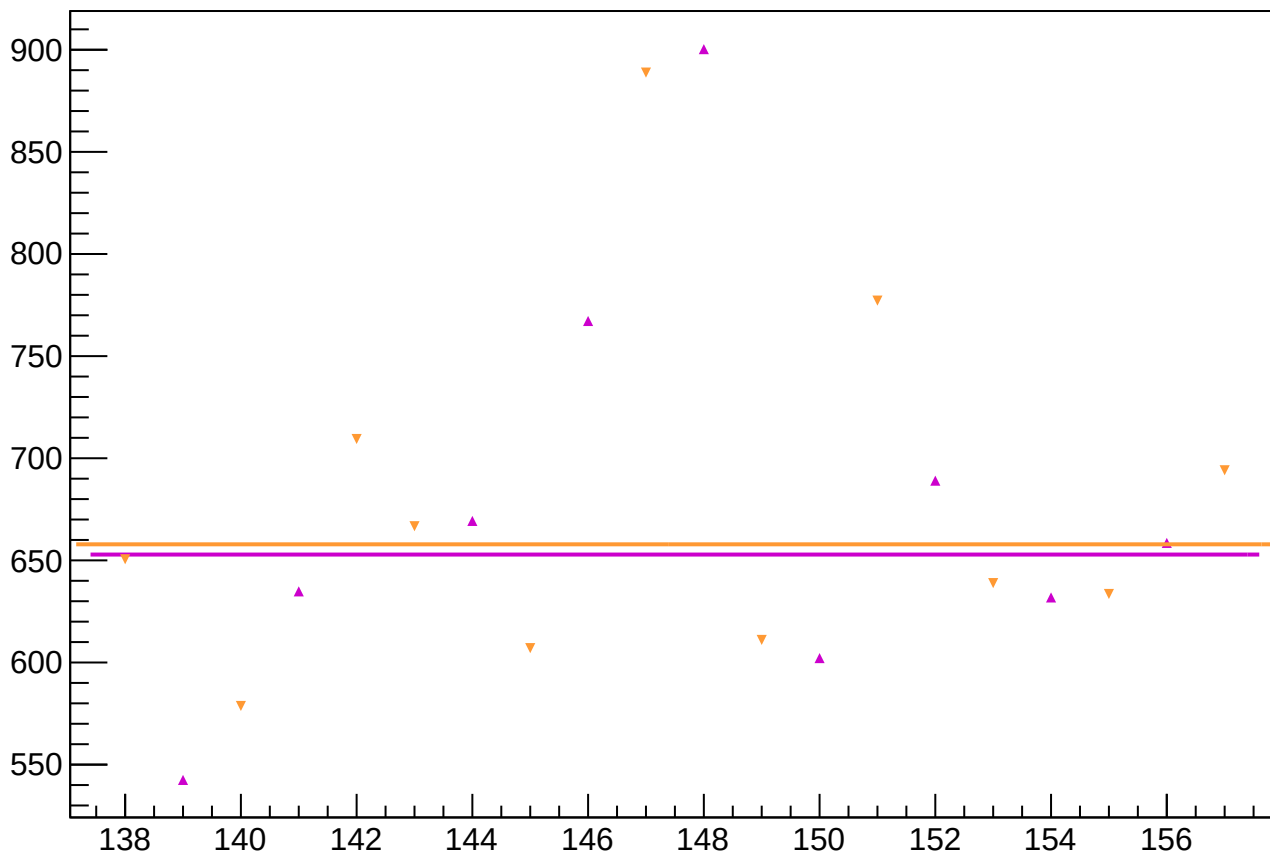
Left In: -270.868+/-242.513 χ^2/NDF : 19.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -374.579+/-167.947 χ^2/NDF : 28.6/19

- 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

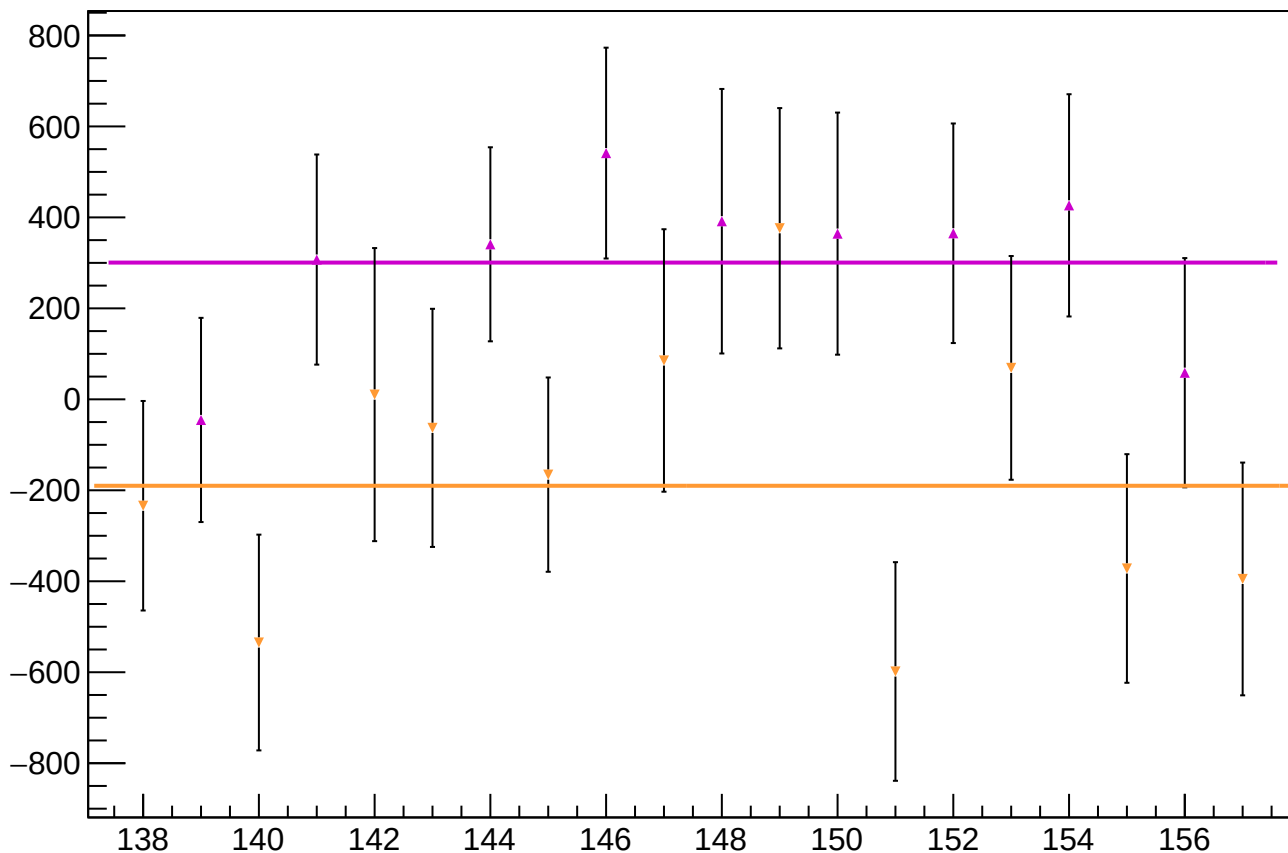
Left In: 652.851+/-0.171 χ^2/NDF : 240019.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.458+/-0.119 χ^2/NDF : 443021.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -190.046 $\pm$ 75.795 χ^2 /NDF:13.5/10

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

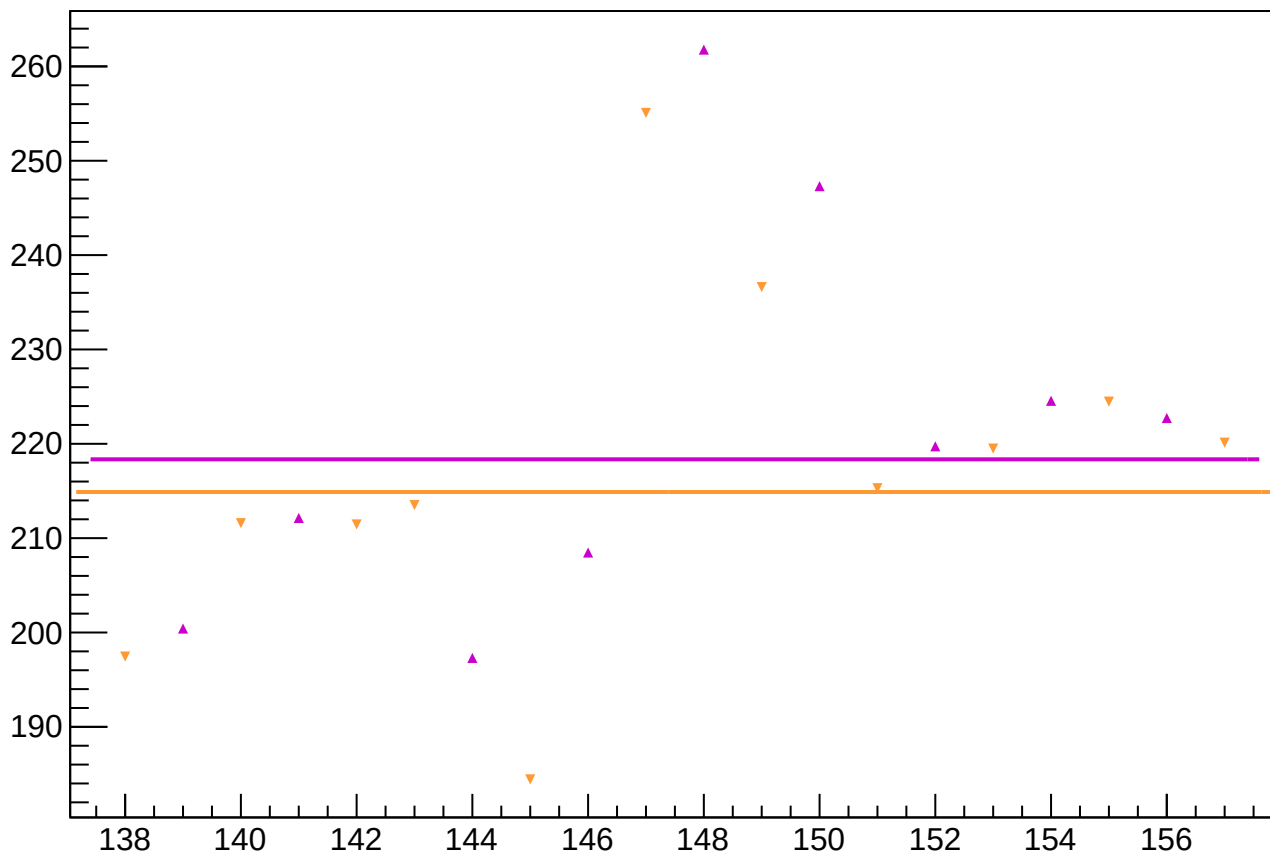
Left In: 300.636 $\pm$ 80.376 χ^2 /NDF:4.9/8

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

All: 40.914 $\pm$ 55.144 χ^2 /NDF: 38.1/19

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

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 214.891 $\pm$ 0.054 χ^2 /NDF:109554.2/10

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

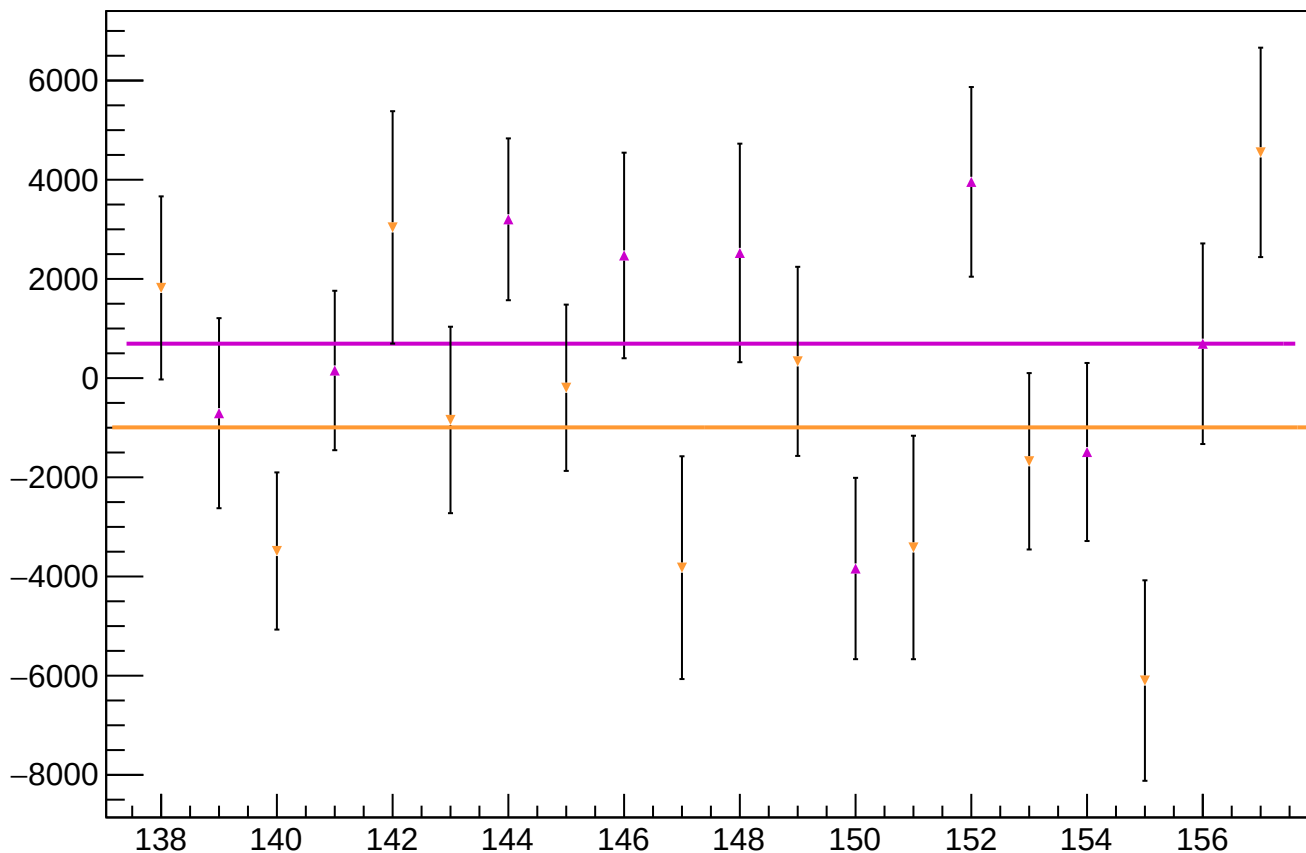
Left In: 218.356 $\pm$ 0.057 χ^2 /NDF:107548.9/8

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

All: 216.522 $\pm$ 0.039 χ^2 /NDF: 219070.5/19

- sign 0.000 $\pm$ 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

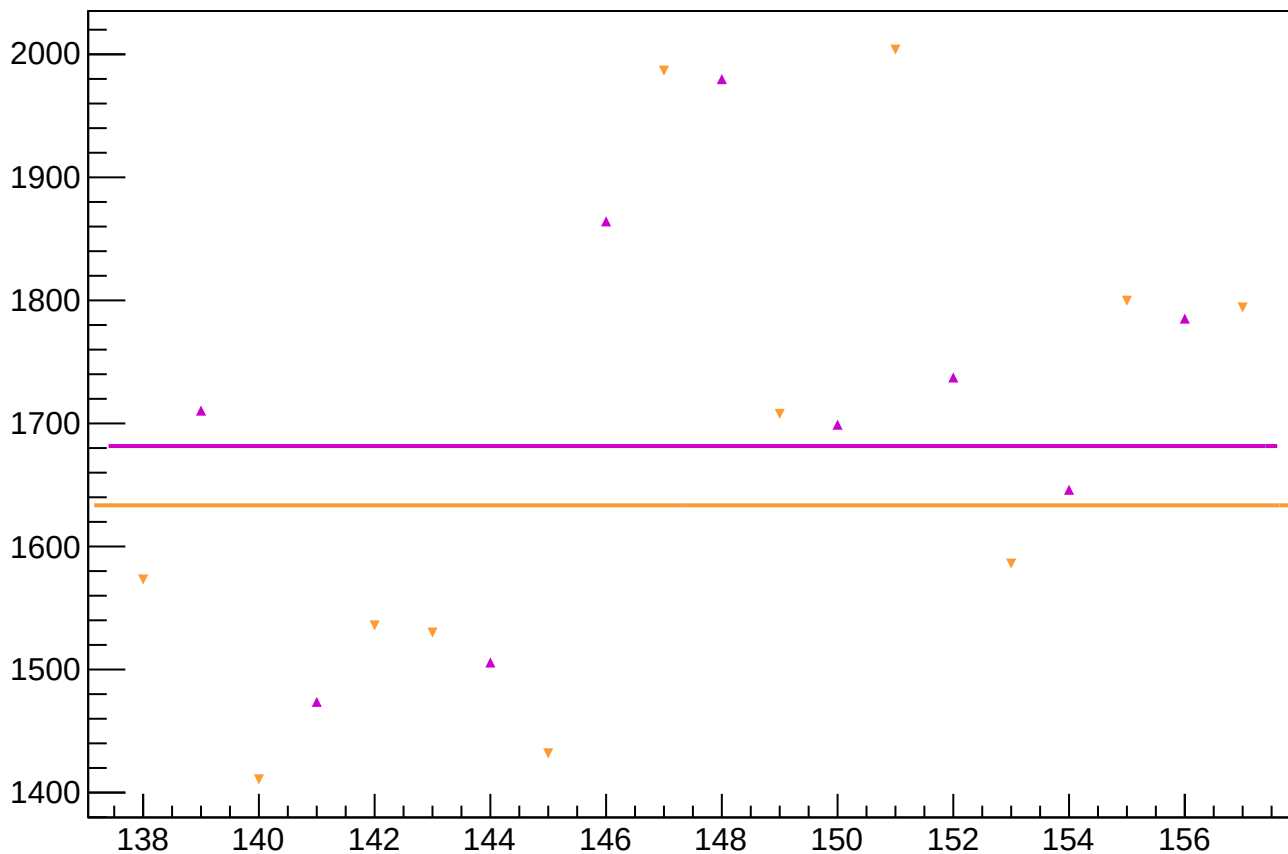
Left In: 694.338+/-620.001 χ^2/NDF : 15.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.014+/-423.729 χ^2/NDF : 43.6/19

- 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

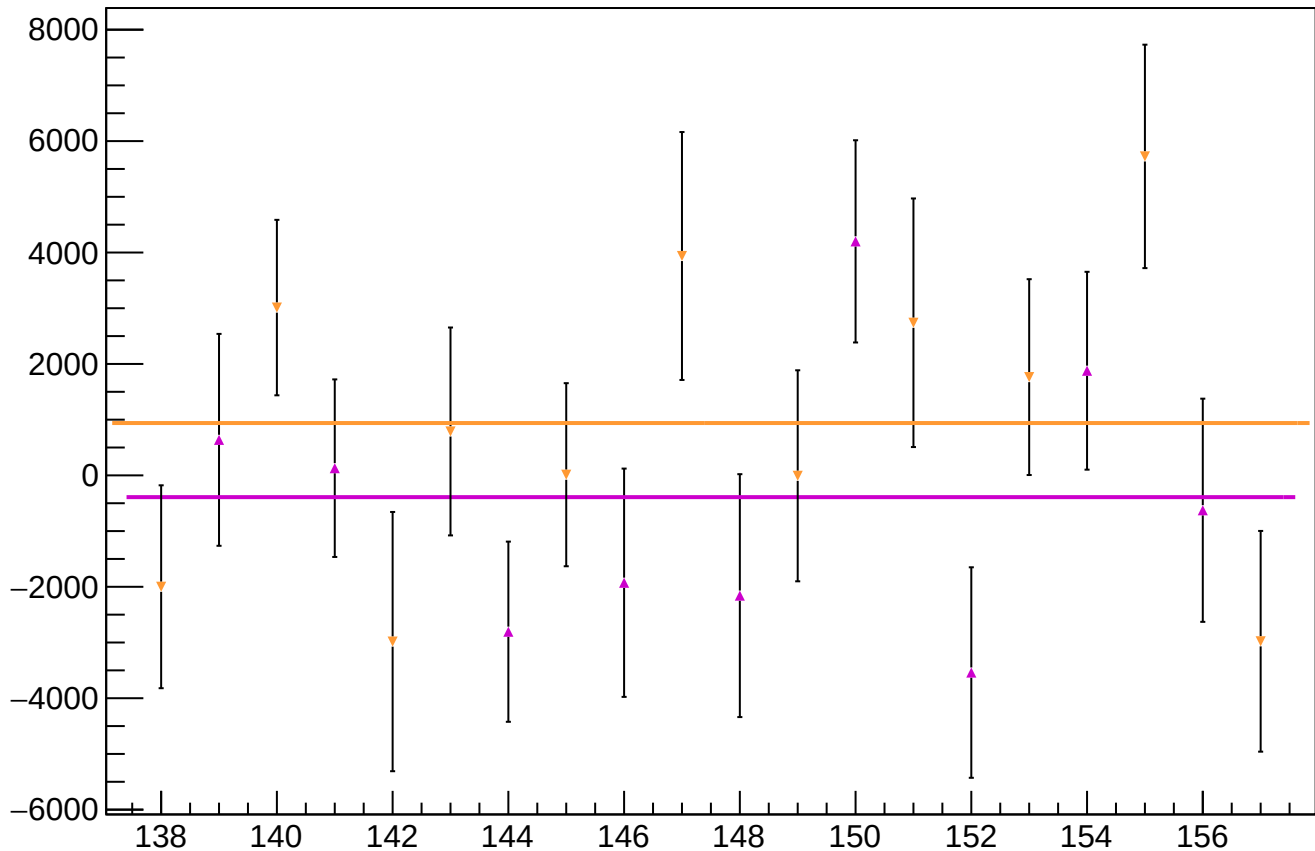
Left In: 1681.631+/-0.438 χ^2/NDF : 117238.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.960+/-0.300 χ^2/NDF : 336865.4/19

- 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

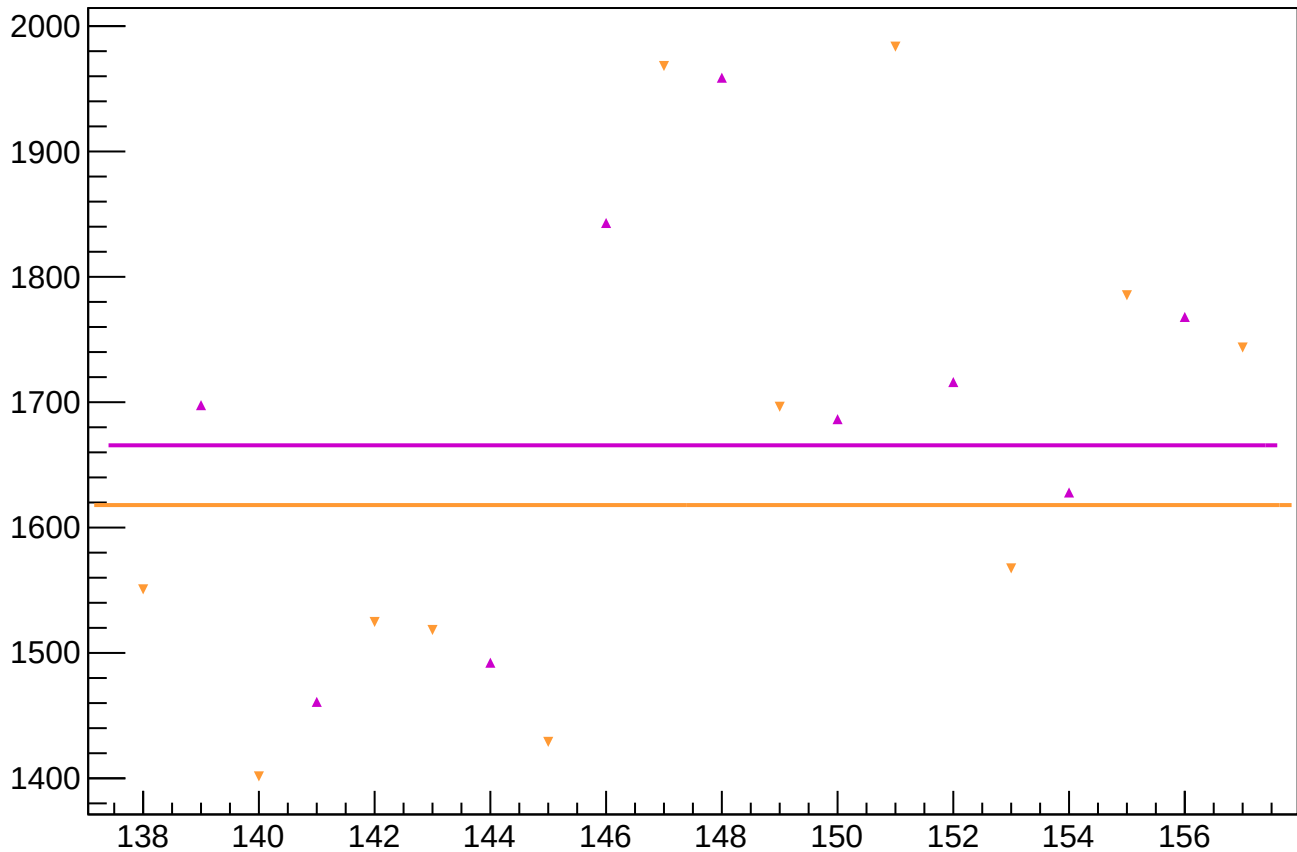
Left In: -390.671+/-614.125 χ^2/NDF : 14.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.477+/-418.579 χ^2/NDF : 37.2/19

- 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

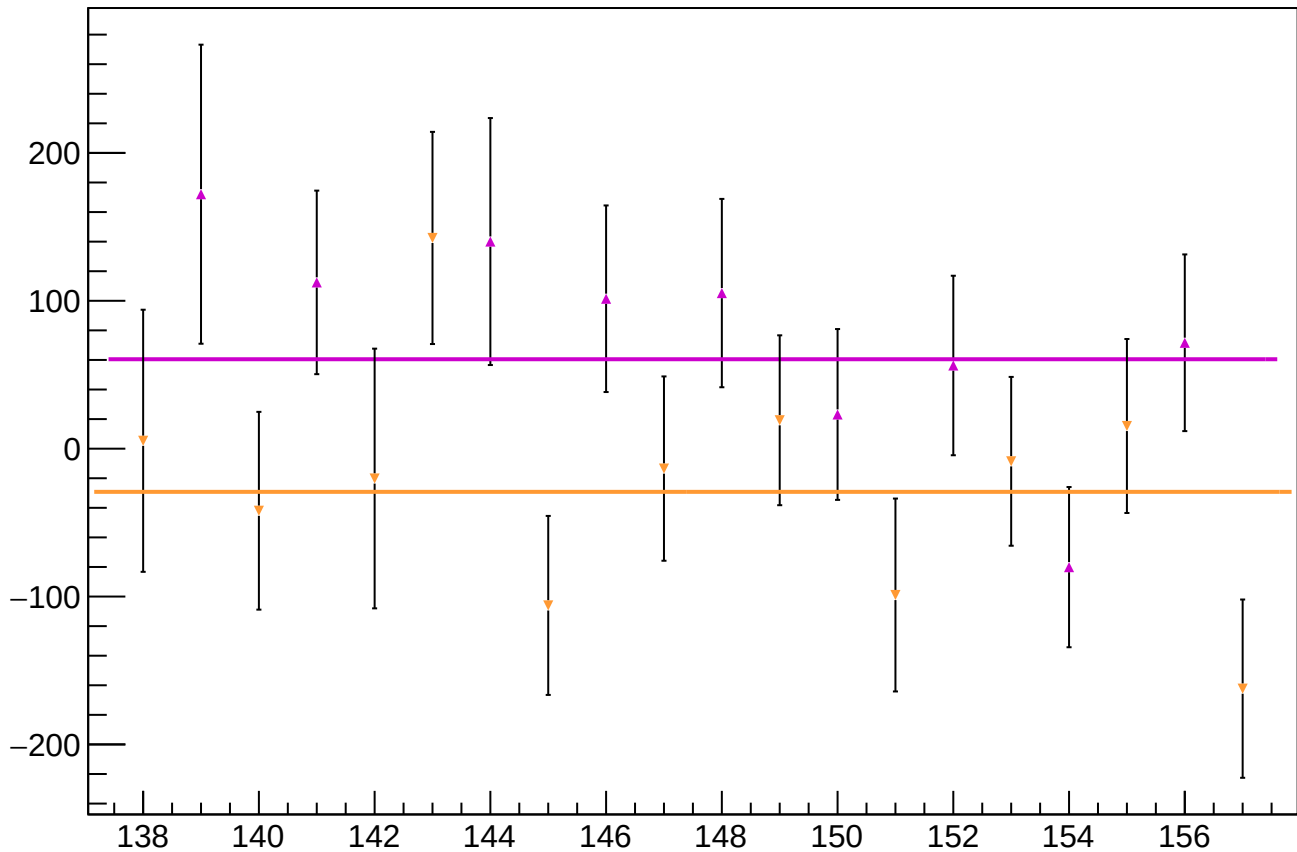
Left In: 1665.618+/-0.434 χ^2/NDF : 115526.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1640.093+/-0.296 χ^2/NDF : 328164.0/19

- 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

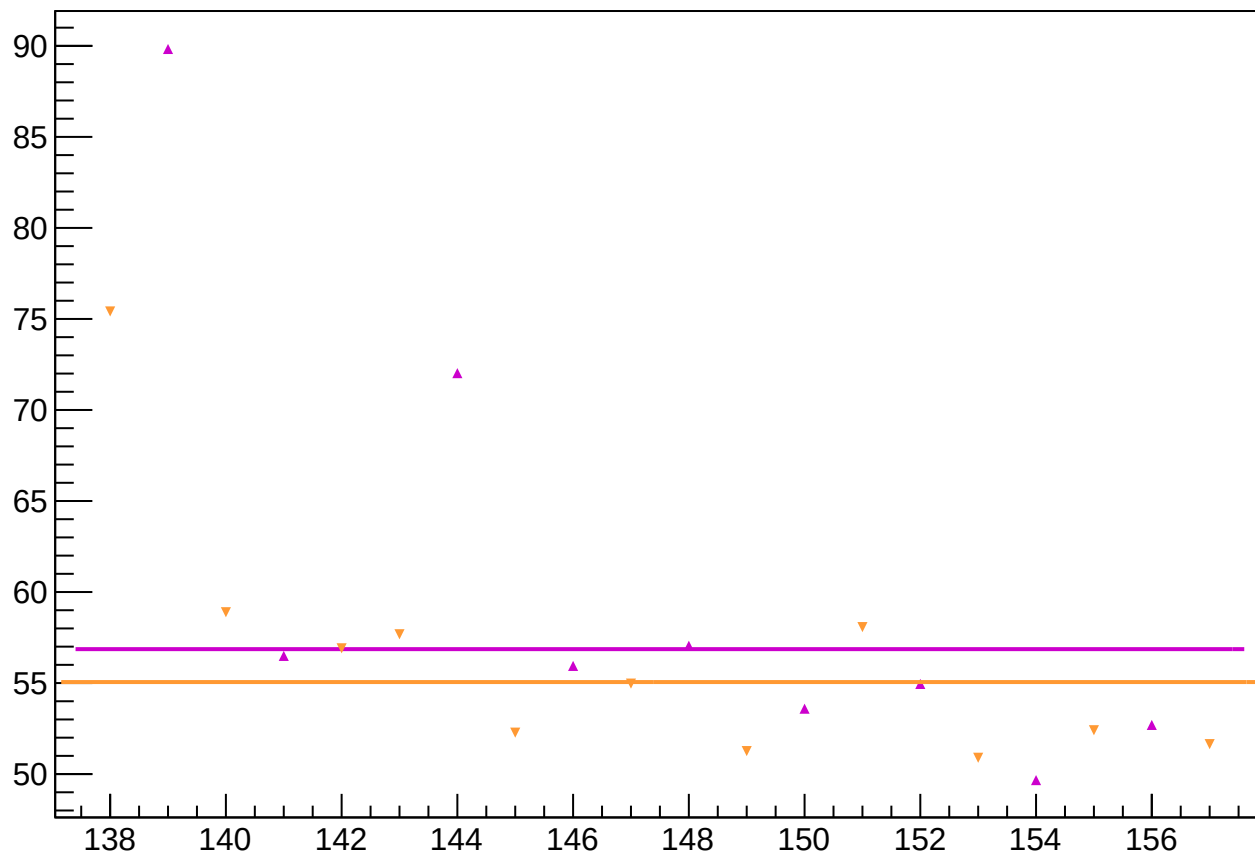
Left In: 60.479+/-21.365 χ^2/NDF : 10.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.688+/-14.426 χ^2/NDF : 35.6/19

- 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

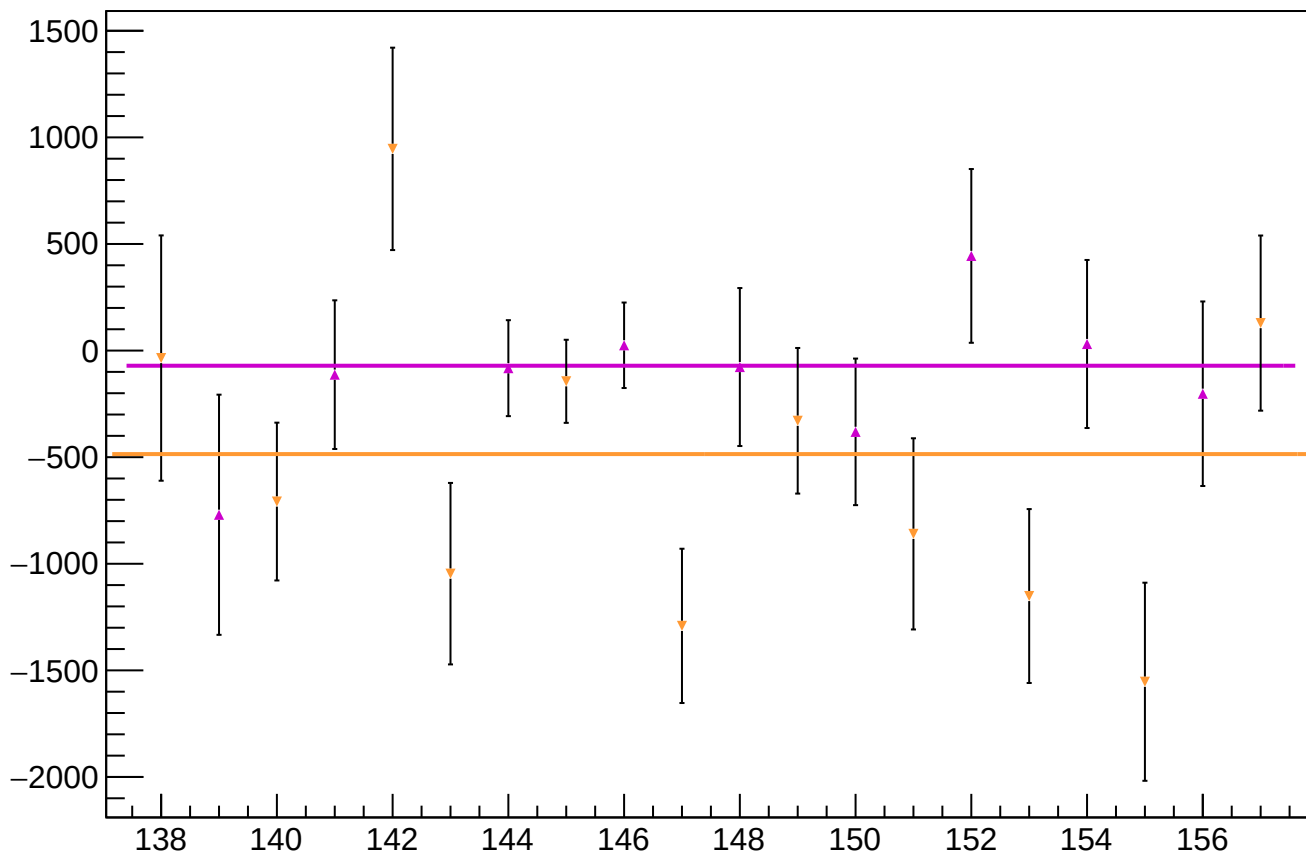
Left In: 56.863+/-0.015 χ^2/NDF :332393.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.879+/-0.010 χ^2/NDF : 494140.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -485.538+/-108.867 χ^2/NDF :30.9/10

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

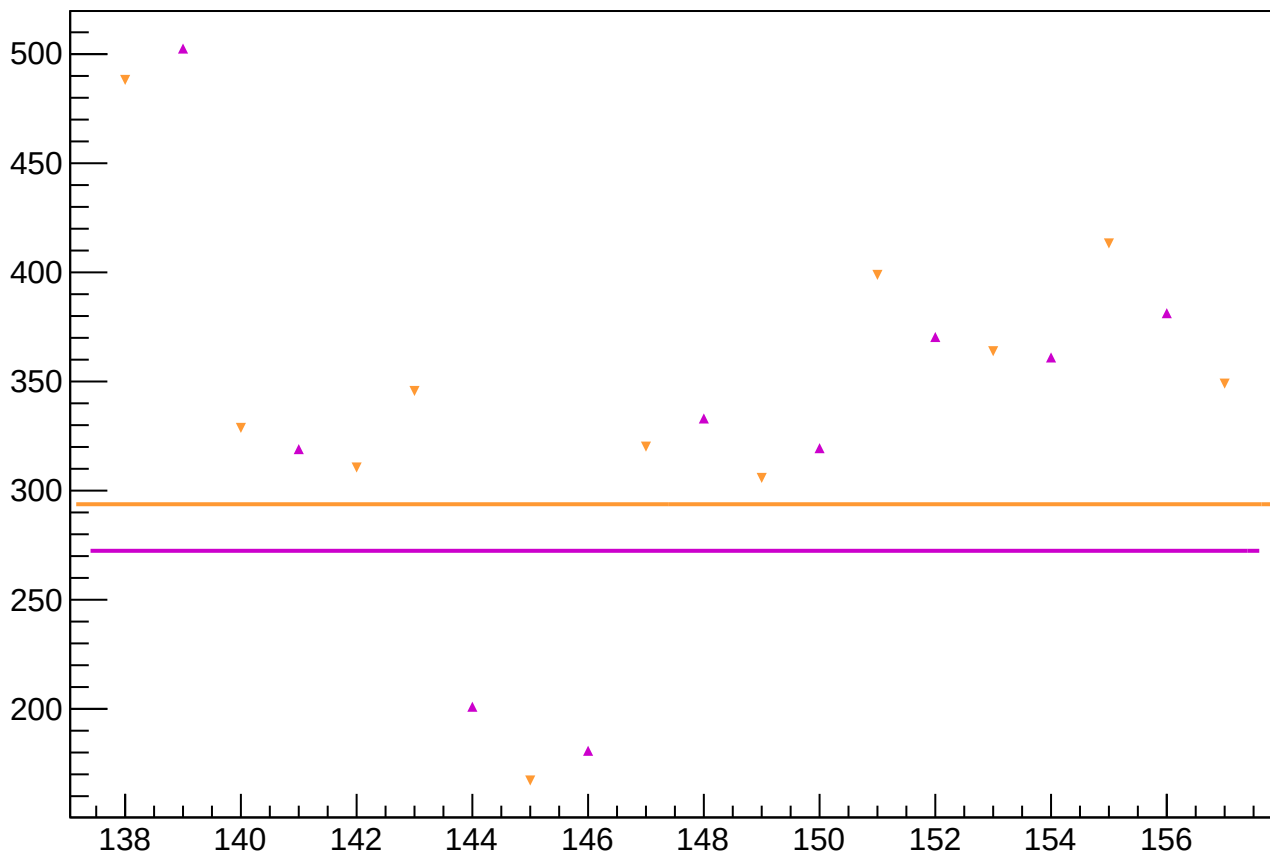
Left In: -71.061+/-105.678 χ^2/NDF :4.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.141+/-75.828 χ^2/NDF : 42.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 293.766+/-0.077 χ^2/NDF :1472971.6/10

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

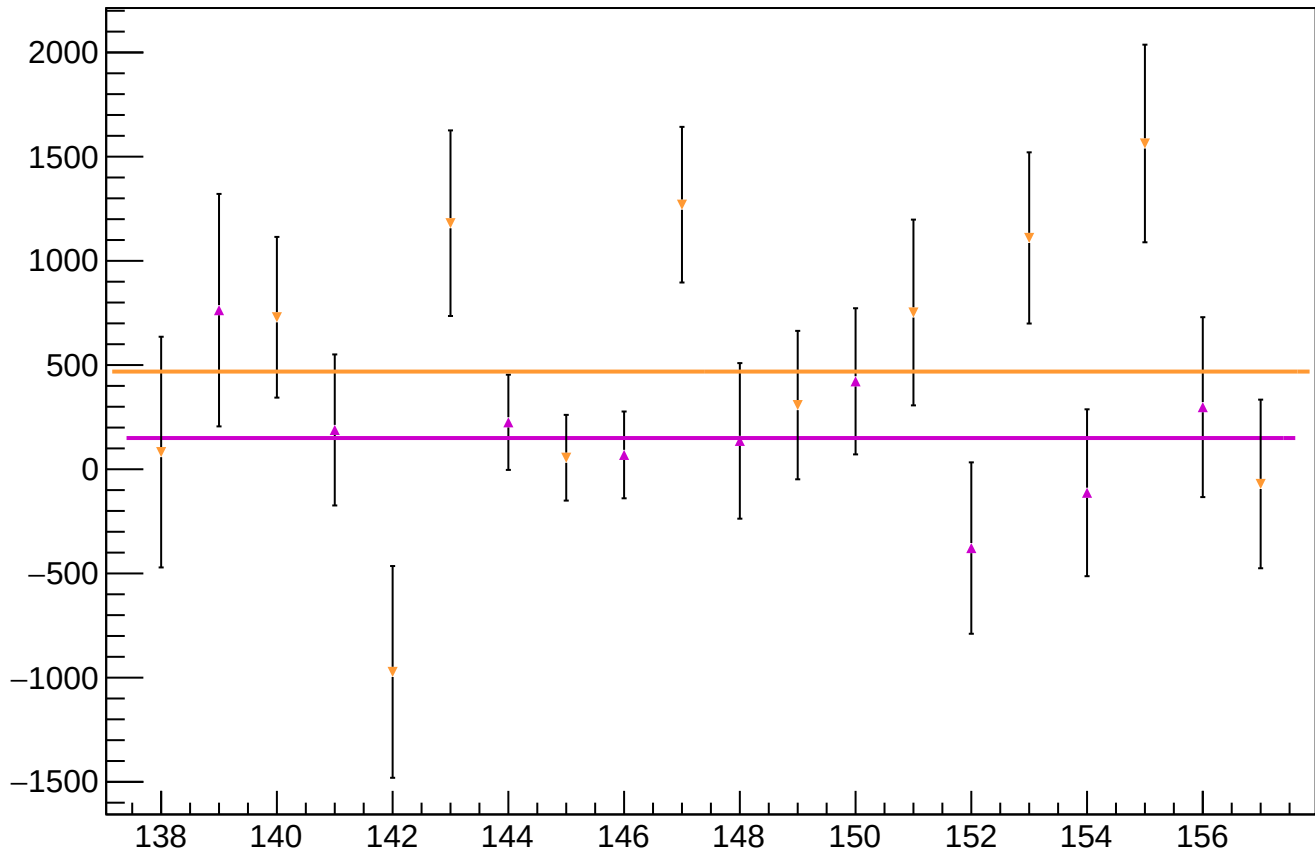
Left In: 272.427+/-0.075 χ^2/NDF :1422979.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.779+/-0.054 χ^2/NDF : 2935513.1/19

- 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

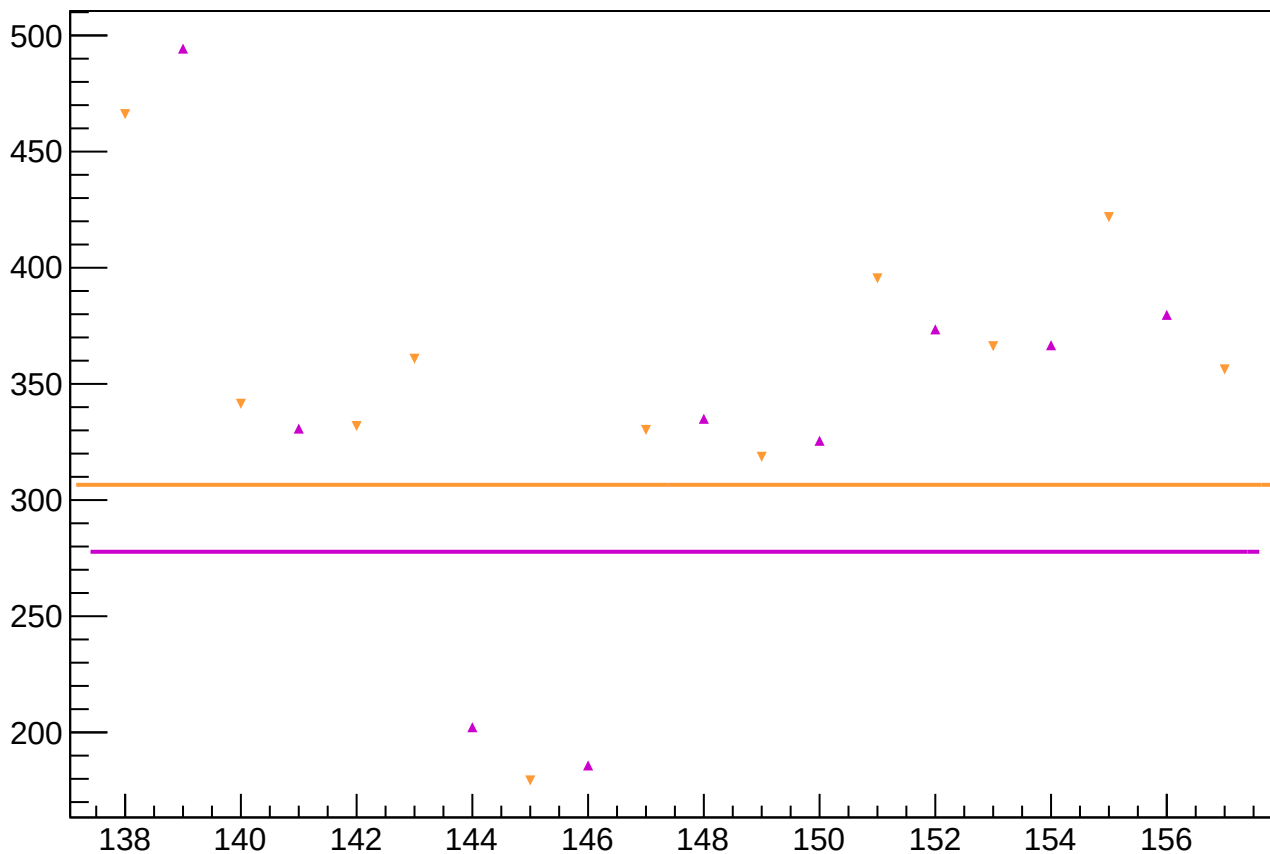
Left In: 149.806 $\pm$ 107.911 χ^2 /NDF:4.3/8

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

All: 302.751 $\pm$ 77.851 χ^2 /NDF: 38.8/19

- 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

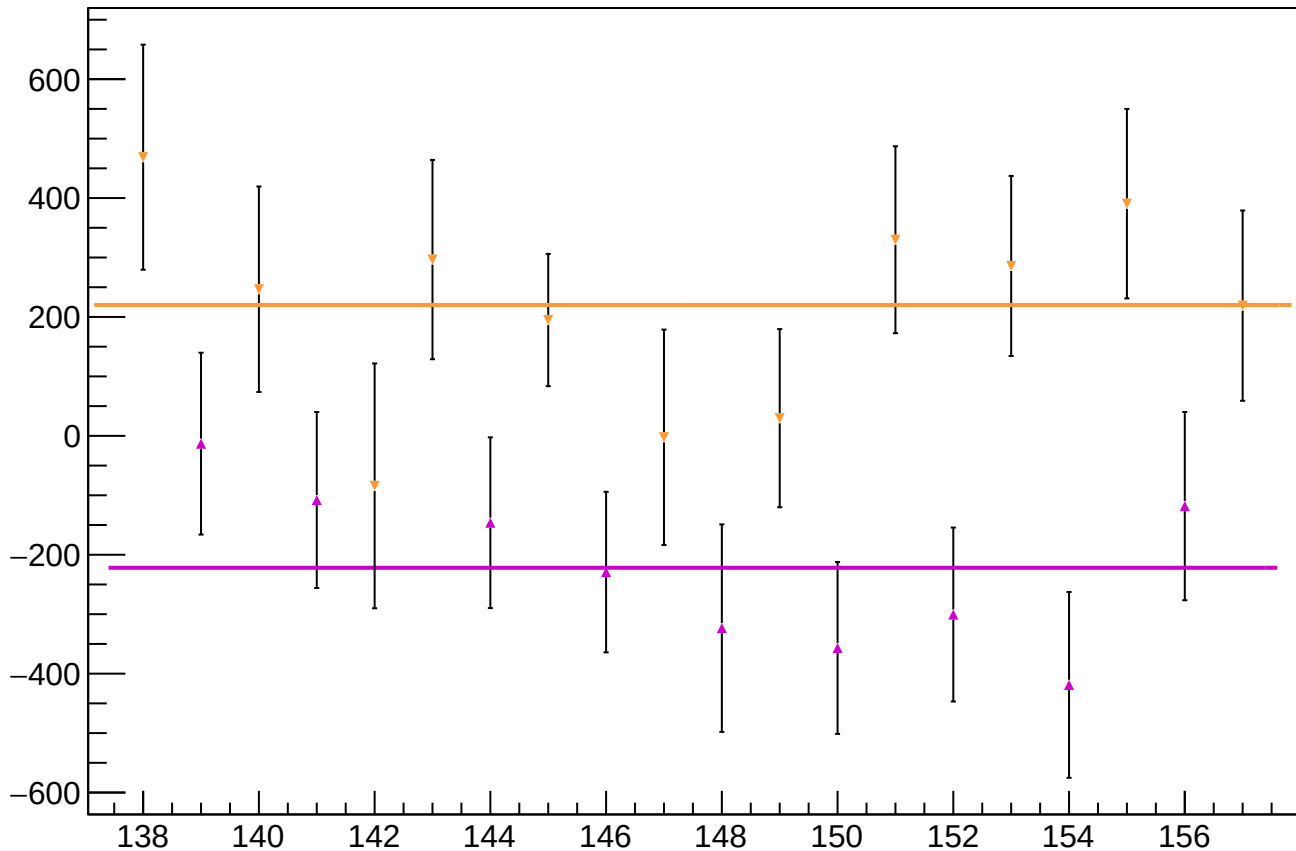
Left In: 277.748+/-0.076 χ^2/NDF :1355877.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.568+/-0.055 χ^2/NDF : 2687397.6/19

- 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

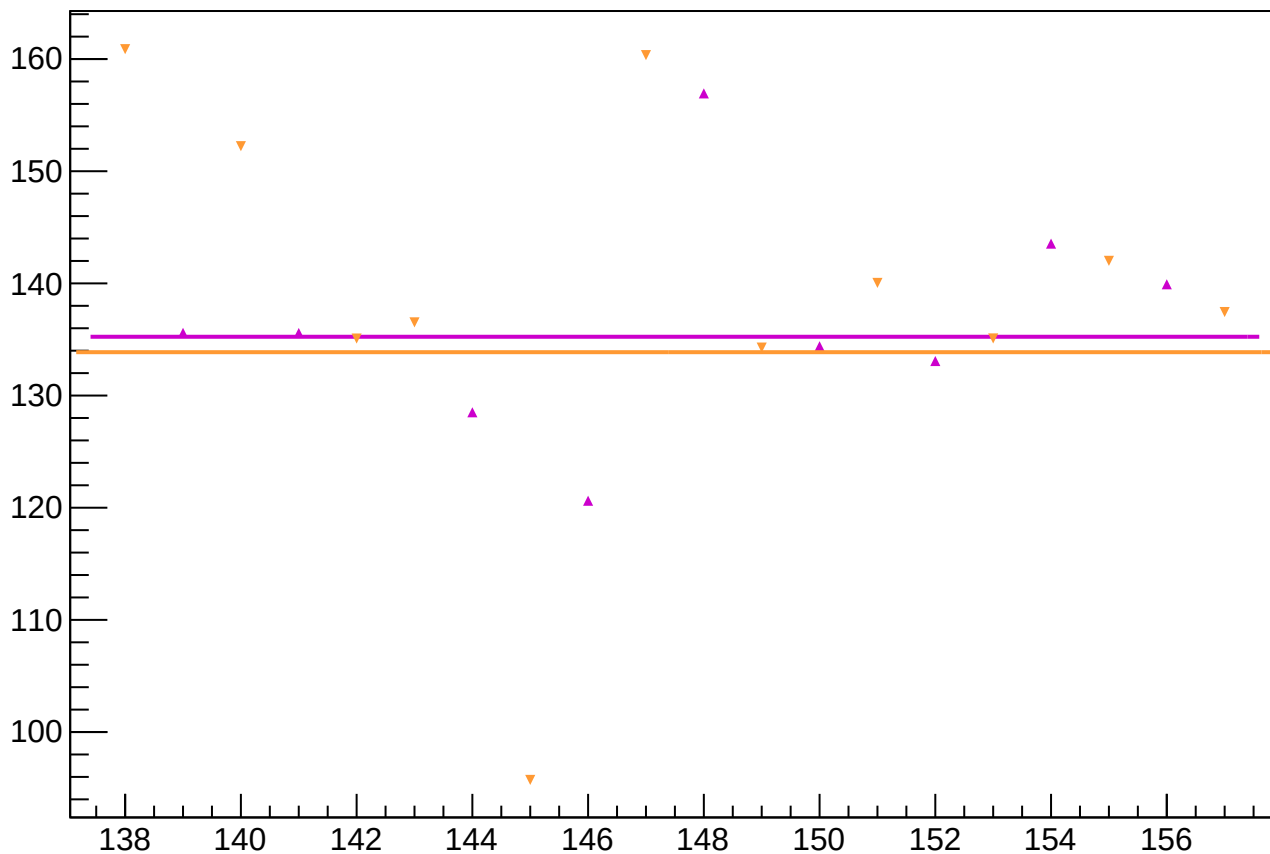
Left In: -221.869+/-50.005 χ^2/NDF : 6.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.418+/-34.530 χ^2/NDF : 56.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 133.866+/-0.034 χ^2/NDF : 351034.0/10

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

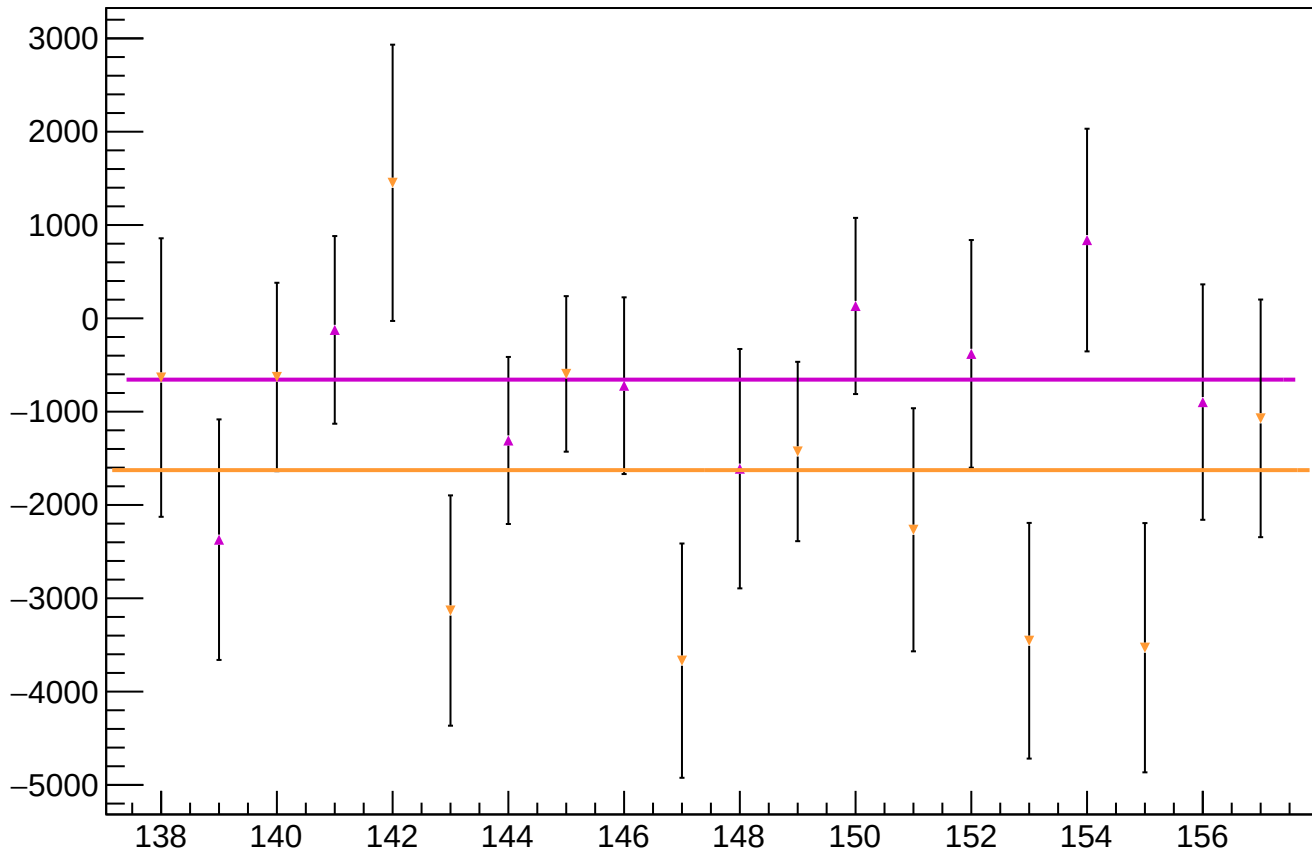
Left In: 135.242+/-0.035 χ^2/NDF : 66645.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.522+/-0.024 χ^2/NDF : 418470.8/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1626.734+/-351.489 χ^2/NDF :16.0/10

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

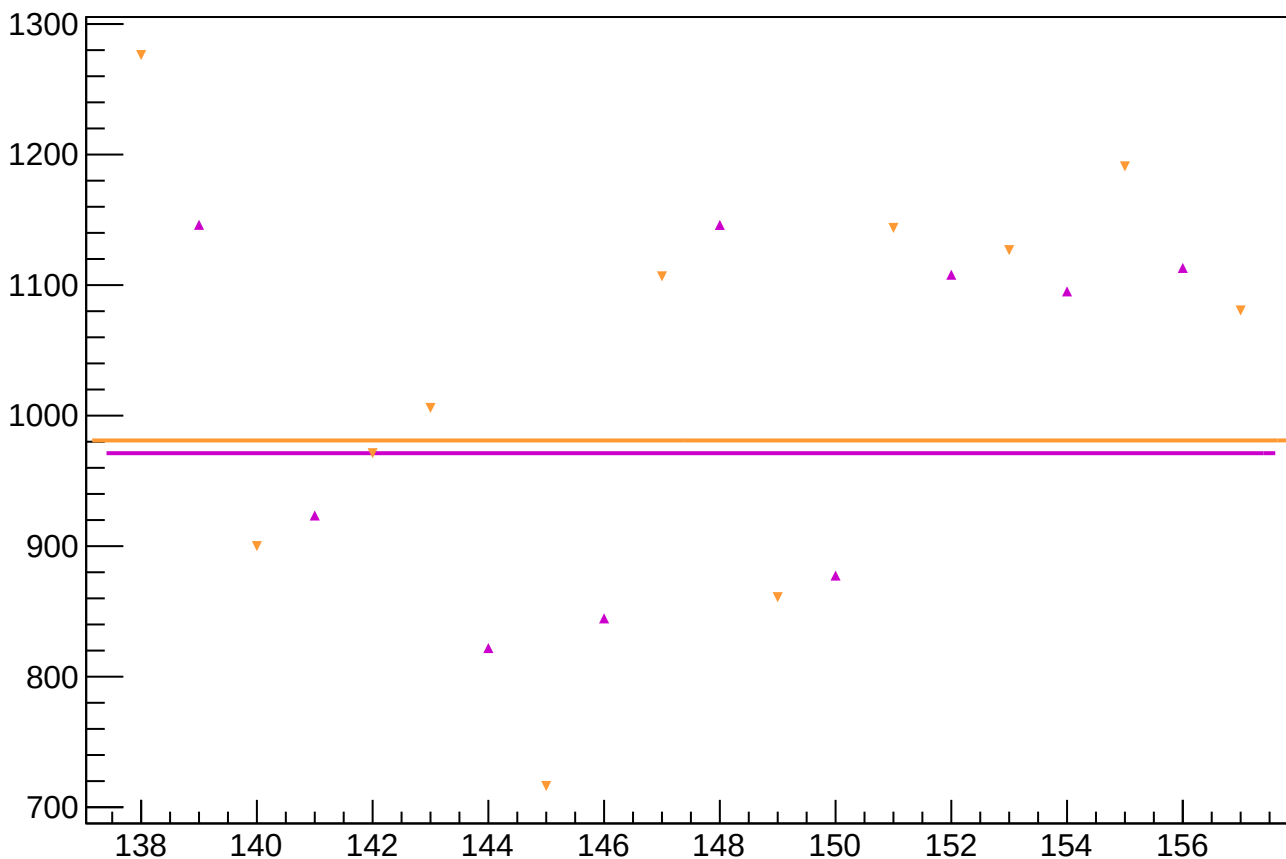
Left In: -656.915+/-360.672 χ^2/NDF :5.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1154.329+/-251.724 χ^2/NDF : 25.2/19

- 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

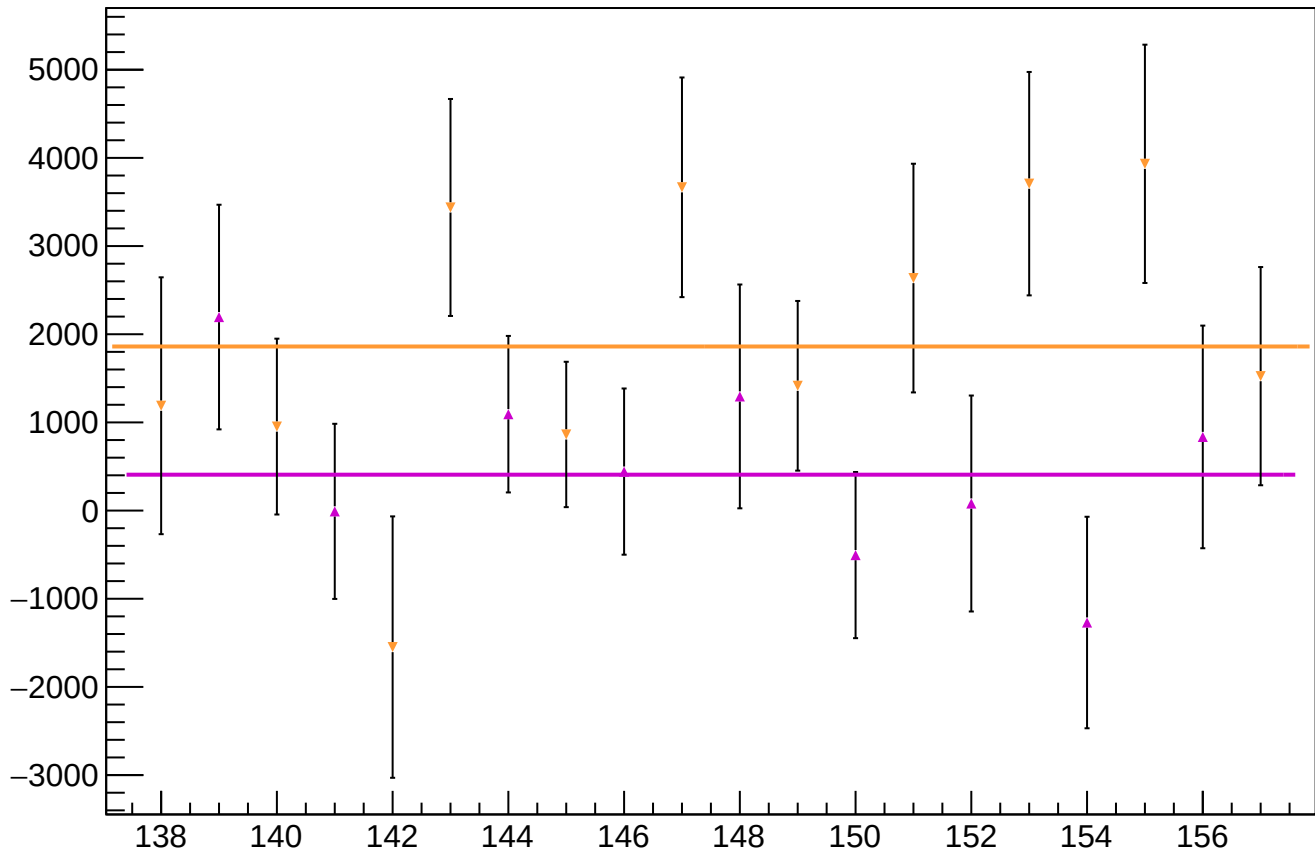
Left In: 971.222+/-0.255 χ^2/NDF : 261648.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.232+/-0.178 χ^2/NDF : 727118.5/19

- 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

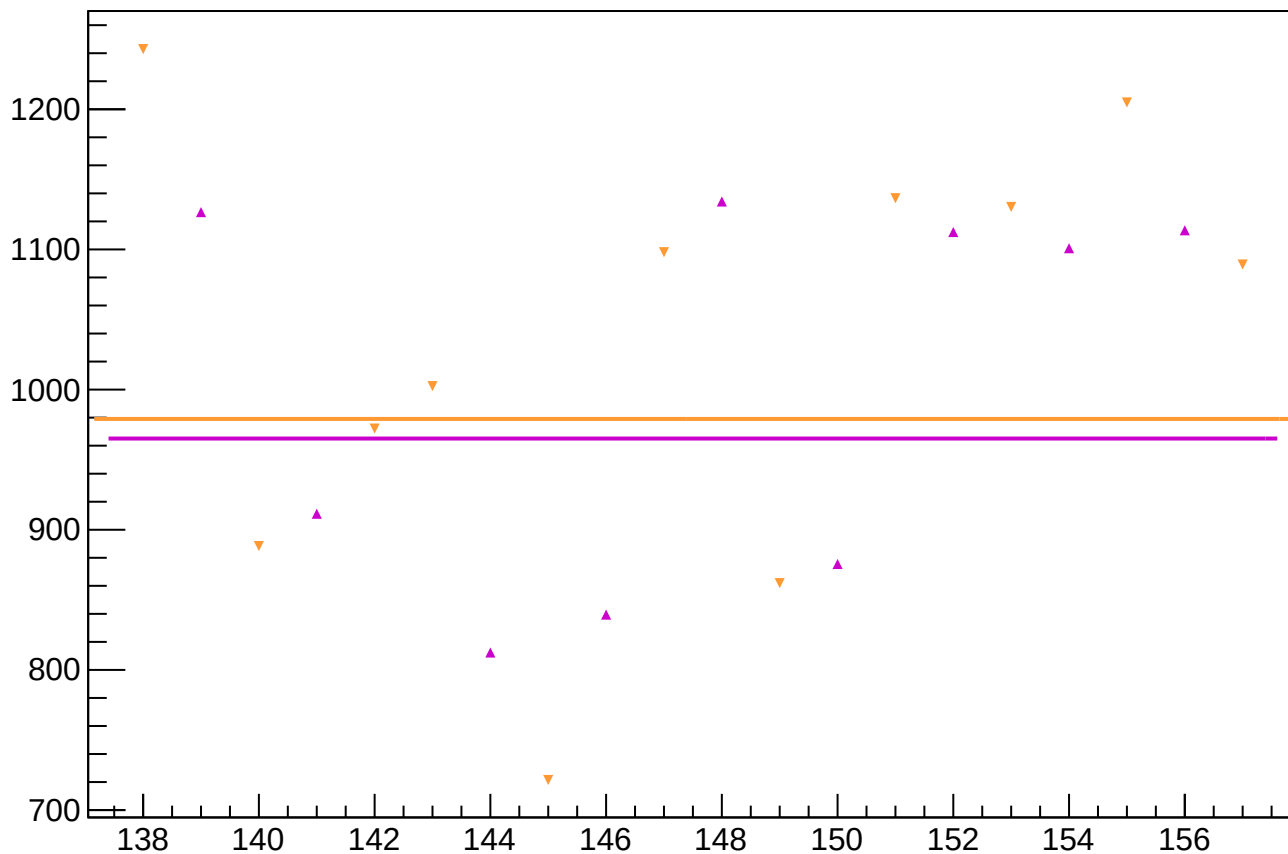
Left In: 406.994+/-358.936 χ^2/NDF : 6.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1154.236+/-250.245 χ^2/NDF : 31.4/19

- 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

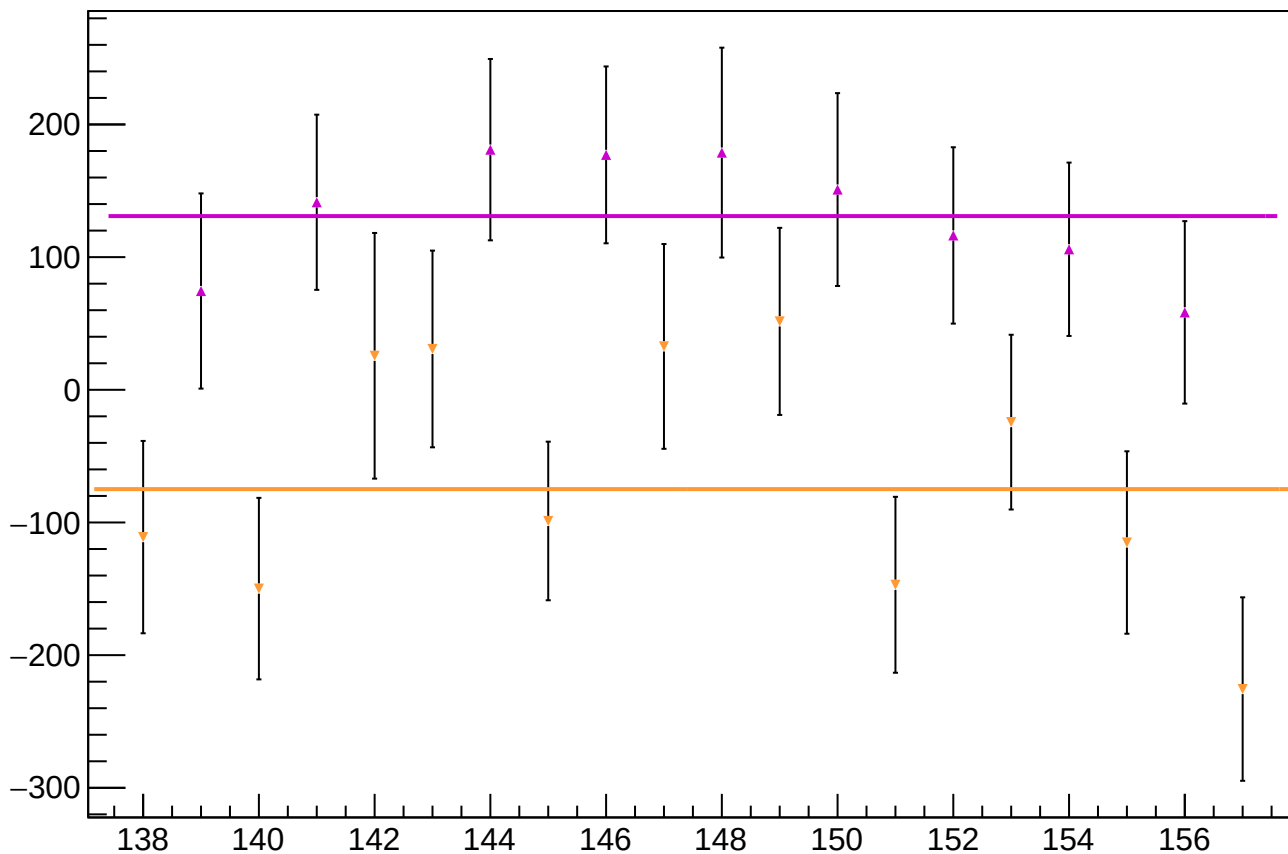
Left In: 965.083+/-0.254 χ^2/NDF : 268527.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.272+/-0.177 χ^2/NDF : 725906.2/19

- 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

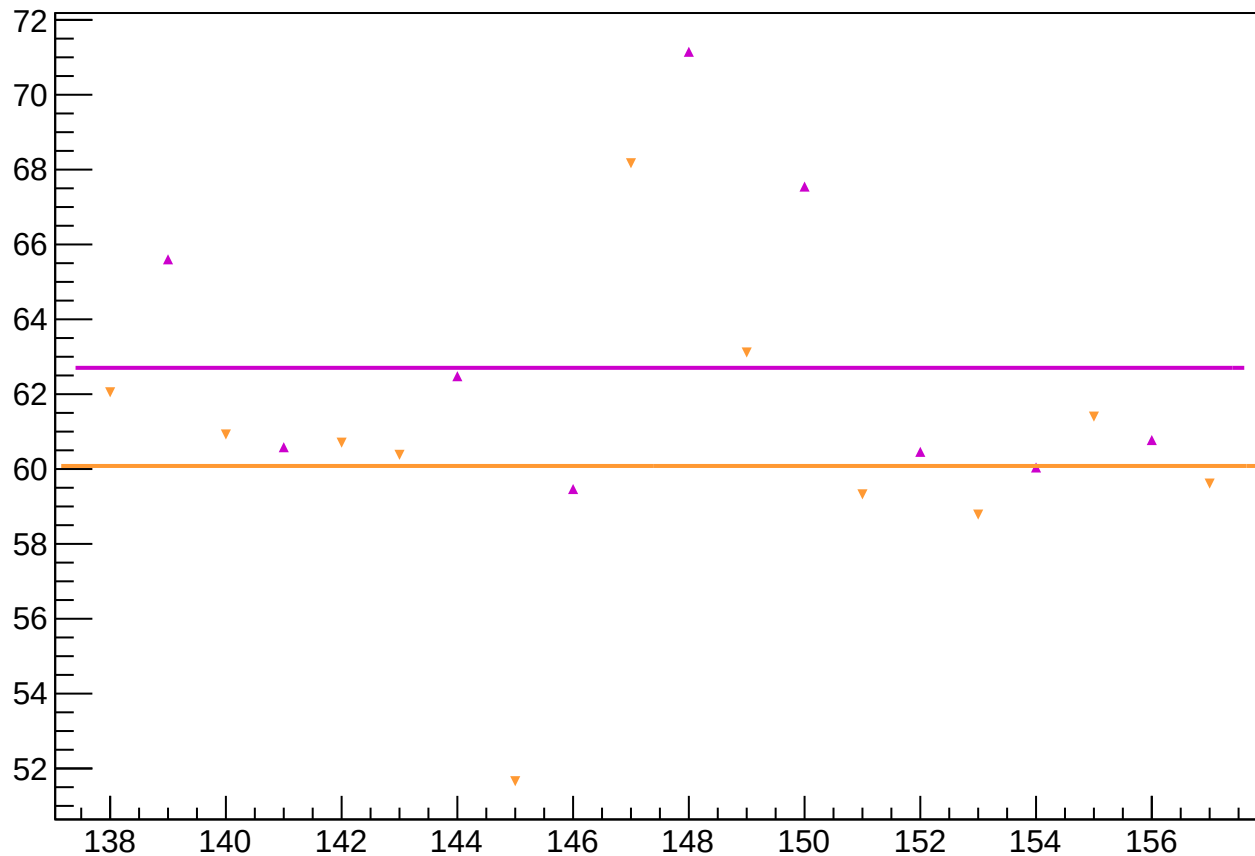
Left In: 130.931+/-23.097 χ^2/NDF : 3.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.120+/-15.608 χ^2/NDF : 63.4/19

- 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

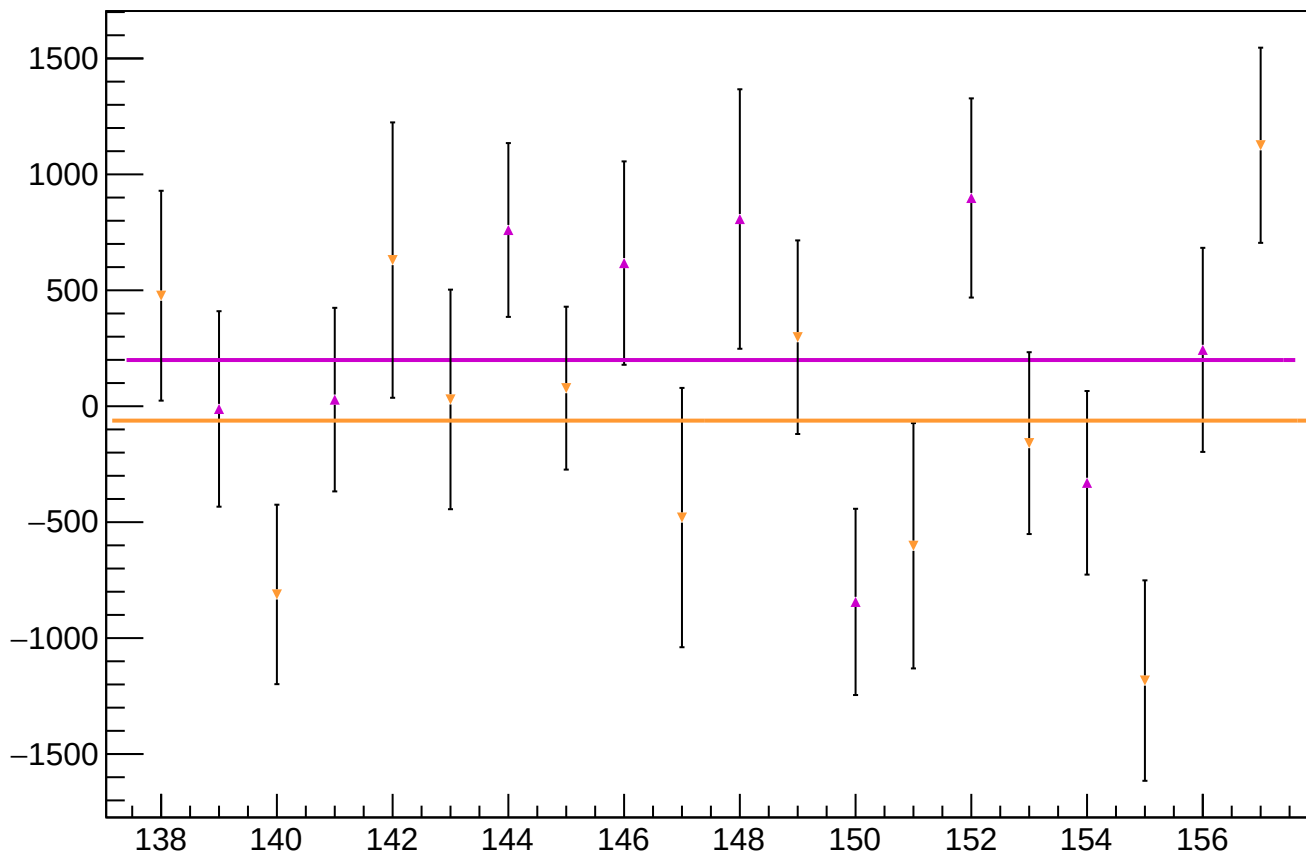
Left In: 62.704+/-0.016 χ^2/NDF : 48760.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.279+/-0.011 χ^2/NDF : 131900.3/19

- 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

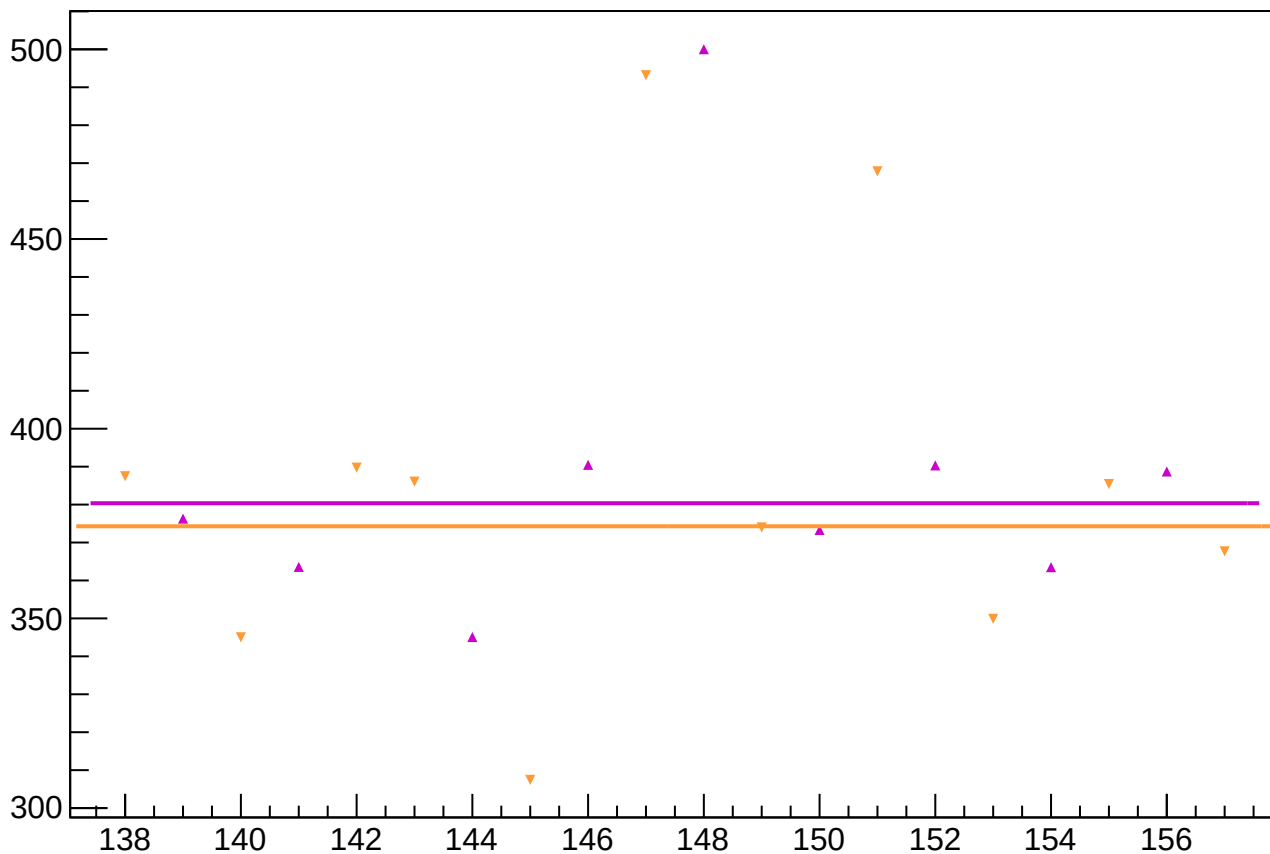
Left In: 199.277+/-140.475 χ^2/NDF : 16.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.996+/-96.384 χ^2/NDF : 41.6/19

- 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

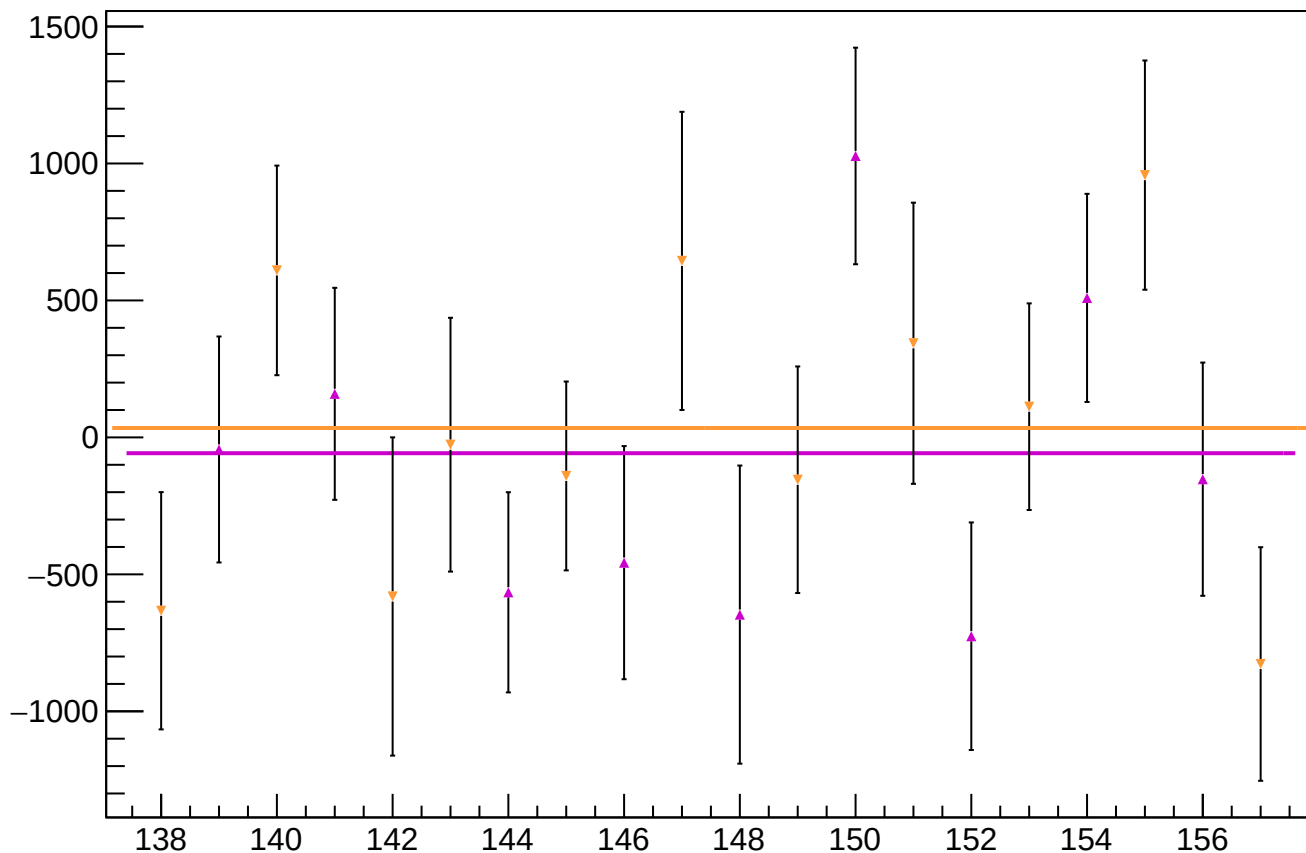
Left In: 380.358+/-0.099 χ^2/NDF :120067.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.143+/-0.068 χ^2/NDF : 372705.3/19

- 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

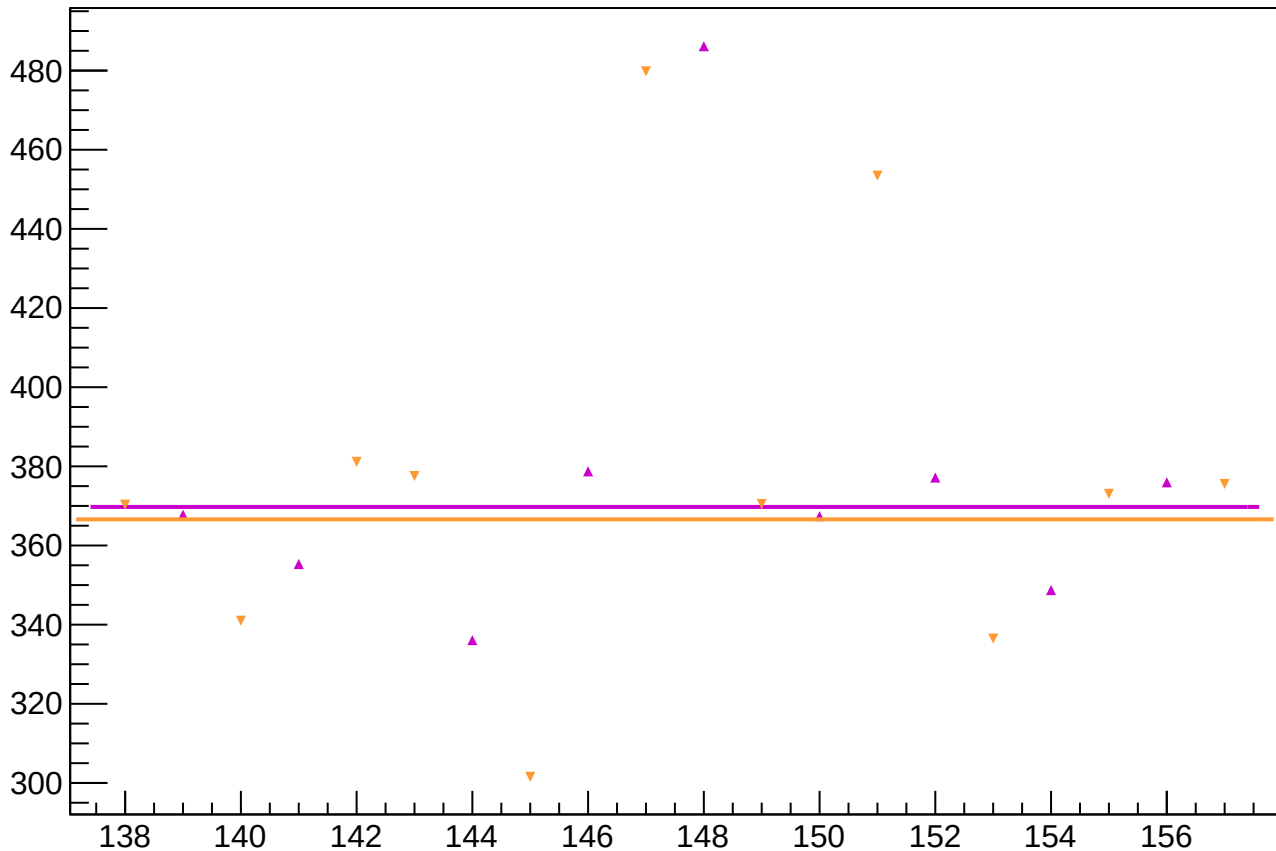
Left In: -57.688+/-136.615 χ^2/NDF :16.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.260+/-94.056 χ^2/NDF : 33.8/19

- 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

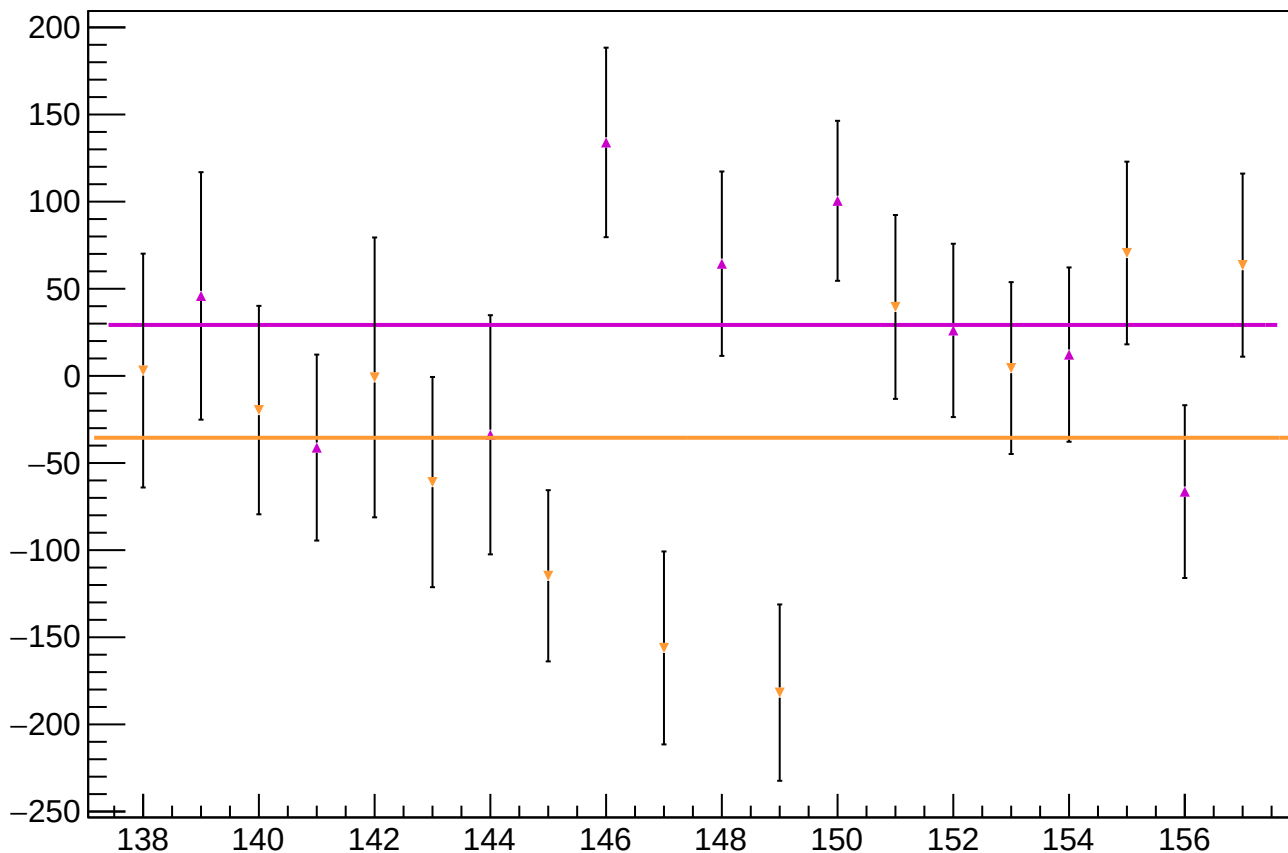
Left In: 369.747+/-0.097 χ^2/NDF :119454.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.095+/-0.067 χ^2/NDF : 360821.2/19

- 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

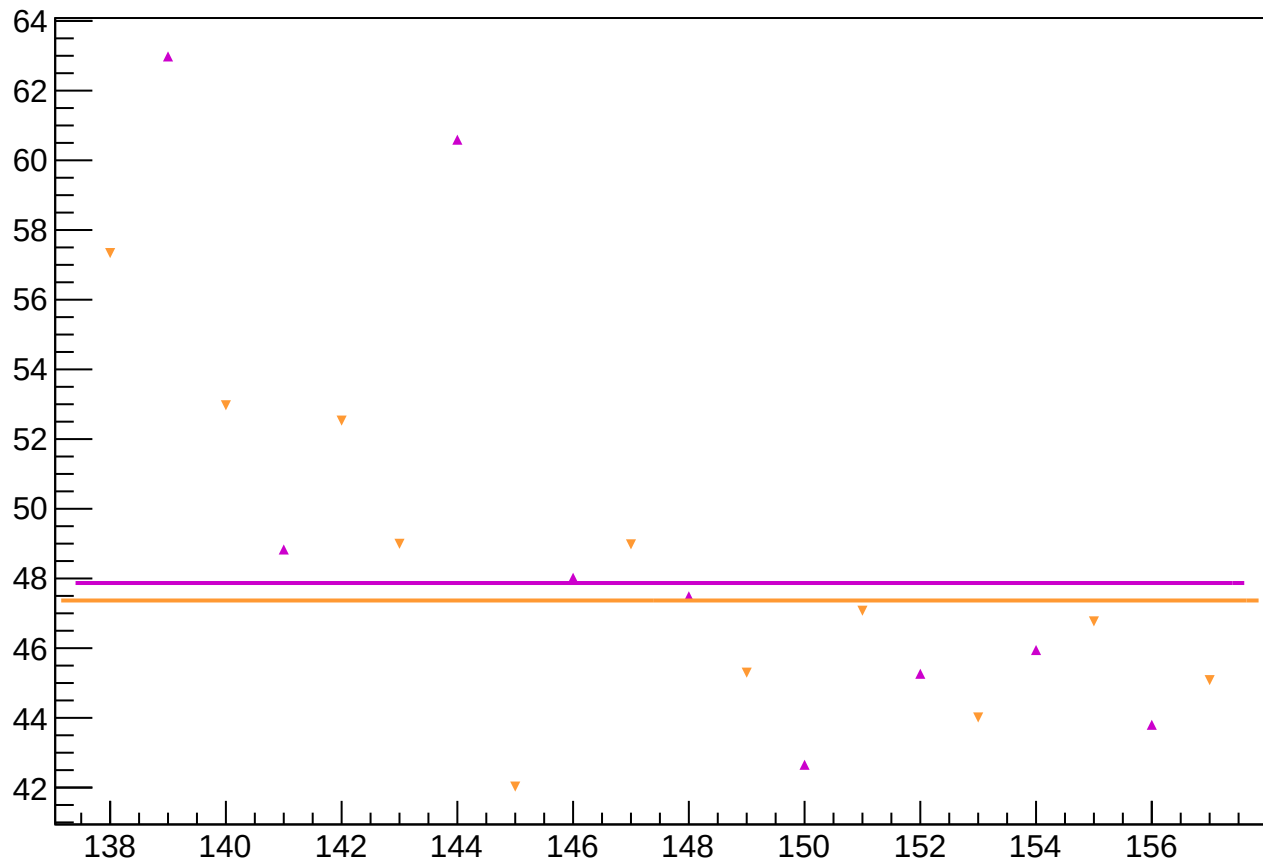
Left In: 29.241+/-17.838 χ^2/NDF : 13.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.146+/-12.215 χ^2/NDF : 46.8/19

- 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

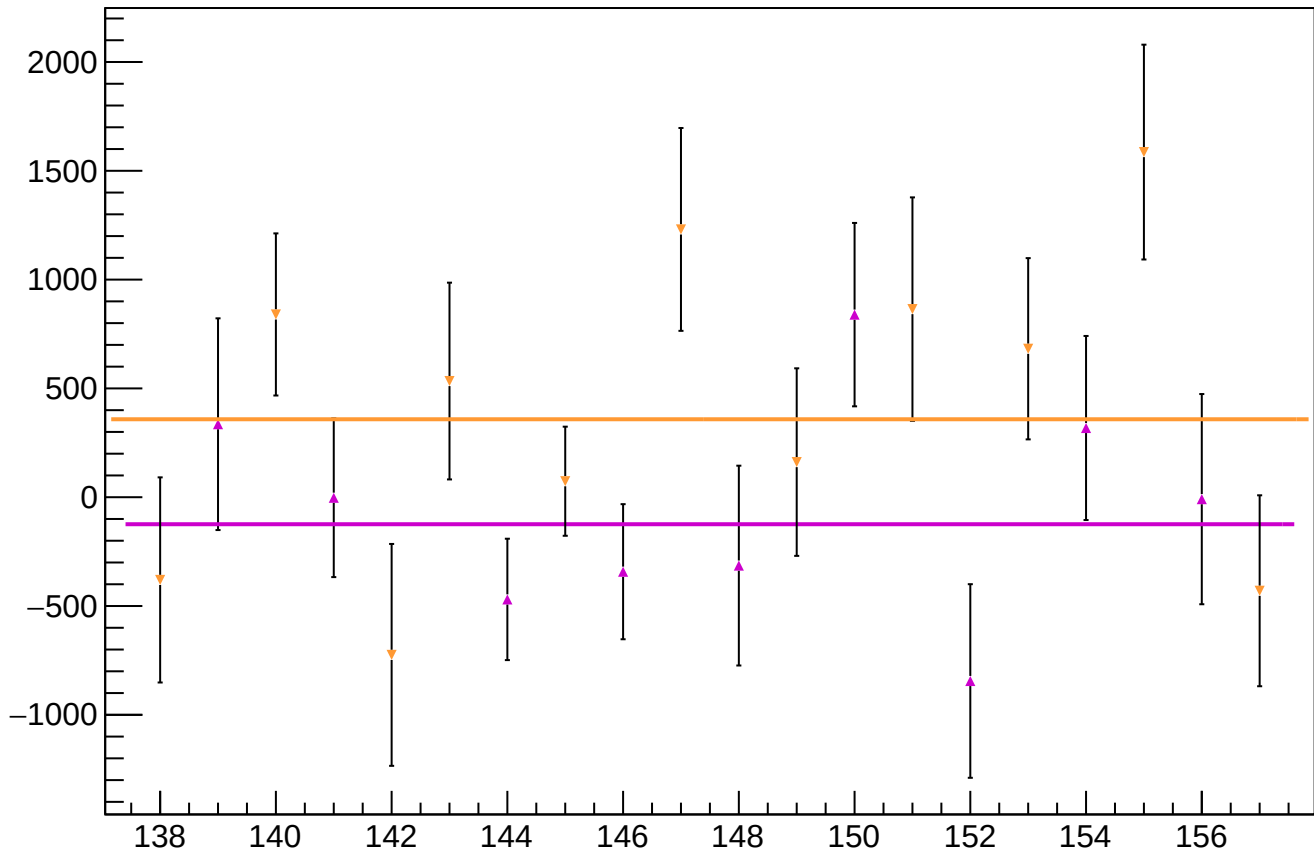
Left In: 47.870+/-0.013 χ^2/NDF :207790.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.603+/-0.009 χ^2/NDF : 322105.8/19

- 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

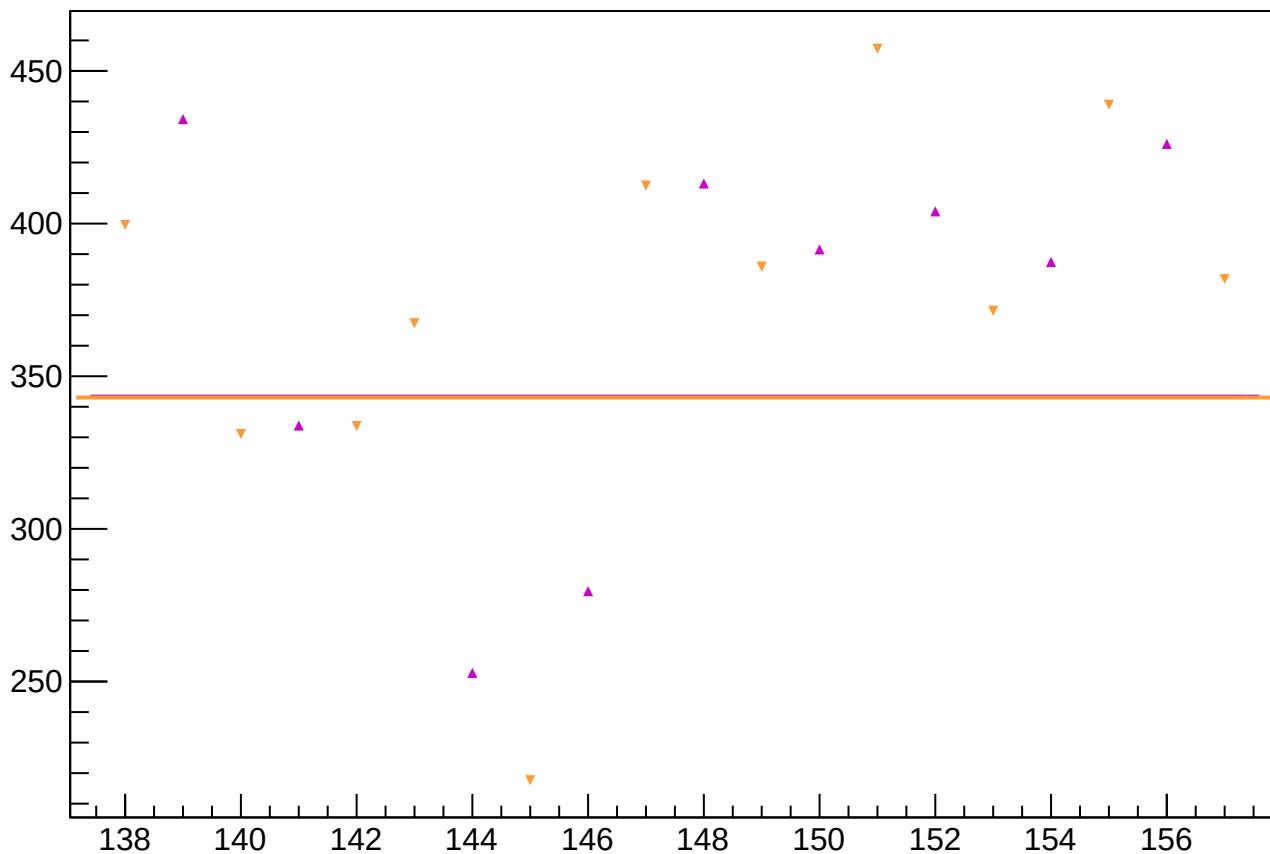
Left In: -124.134+/-128.796 χ^2/NDF : 12.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.510+/-89.268 χ^2/NDF : 44.3/19

- 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

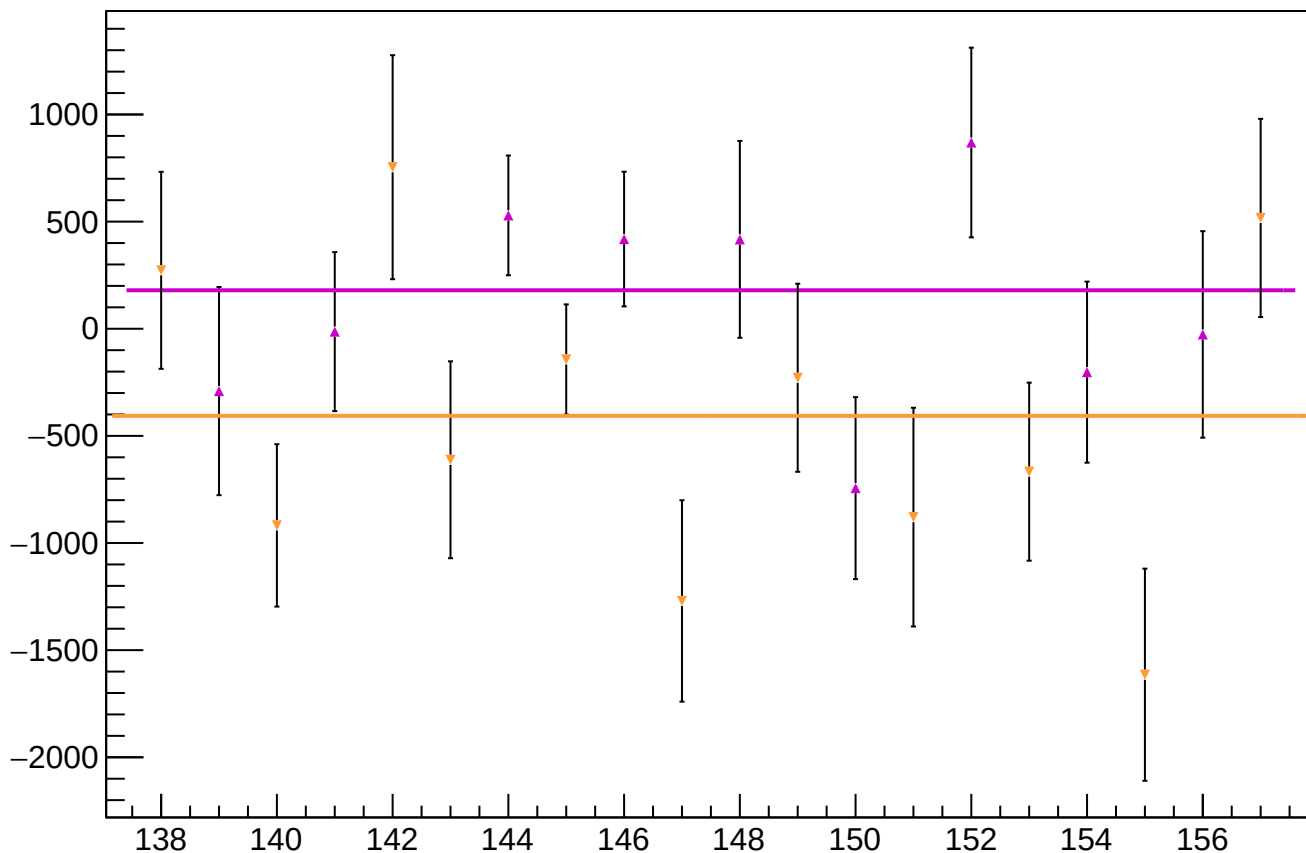
Left In: 343.313+/-0.091 χ^2/NDF : 556147.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.161+/-0.063 χ^2/NDF : 1357186.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -406.584 $\pm$ 125.638 χ^2 /NDF:24.9/10

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

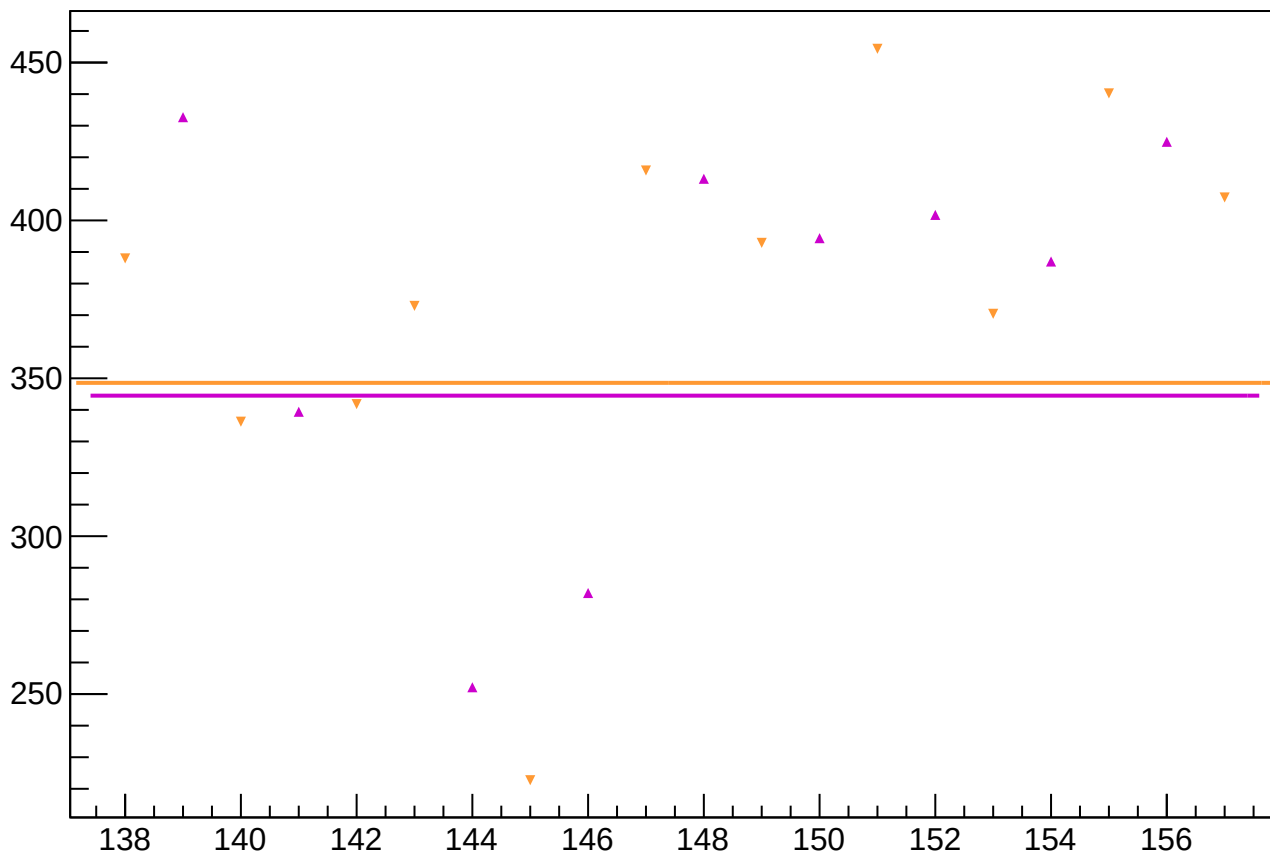
Left In: 179.554 $\pm$ 129.399 χ^2 /NDF:11.8/8

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

All: -122.156 $\pm$ 90.140 χ^2 /NDF: 47.3/19

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

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 348.560+/-0.089 χ^2/NDF : 756399.4/10

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

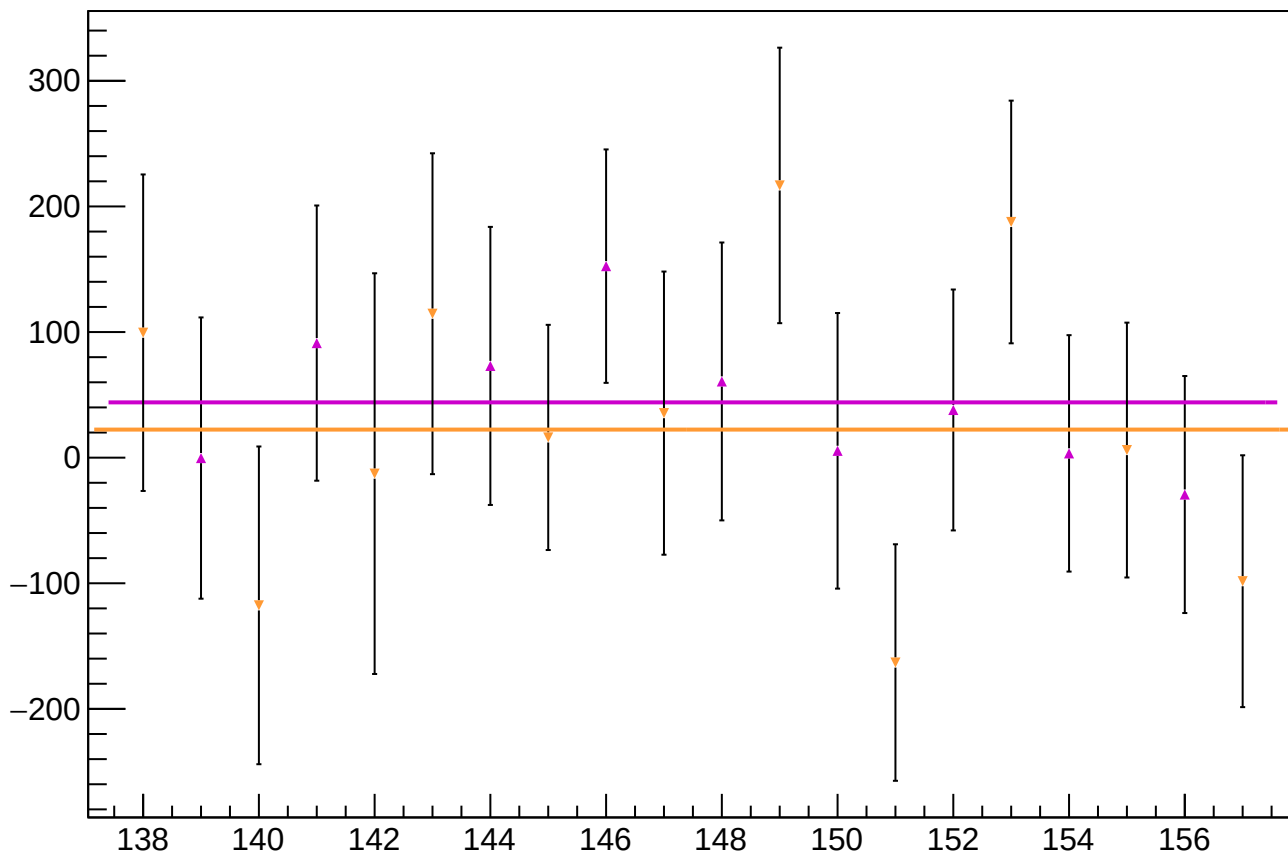
Left In: 344.506+/-0.091 χ^2/NDF : 545476.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.593+/-0.064 χ^2/NDF : 1302885.9/19

- 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

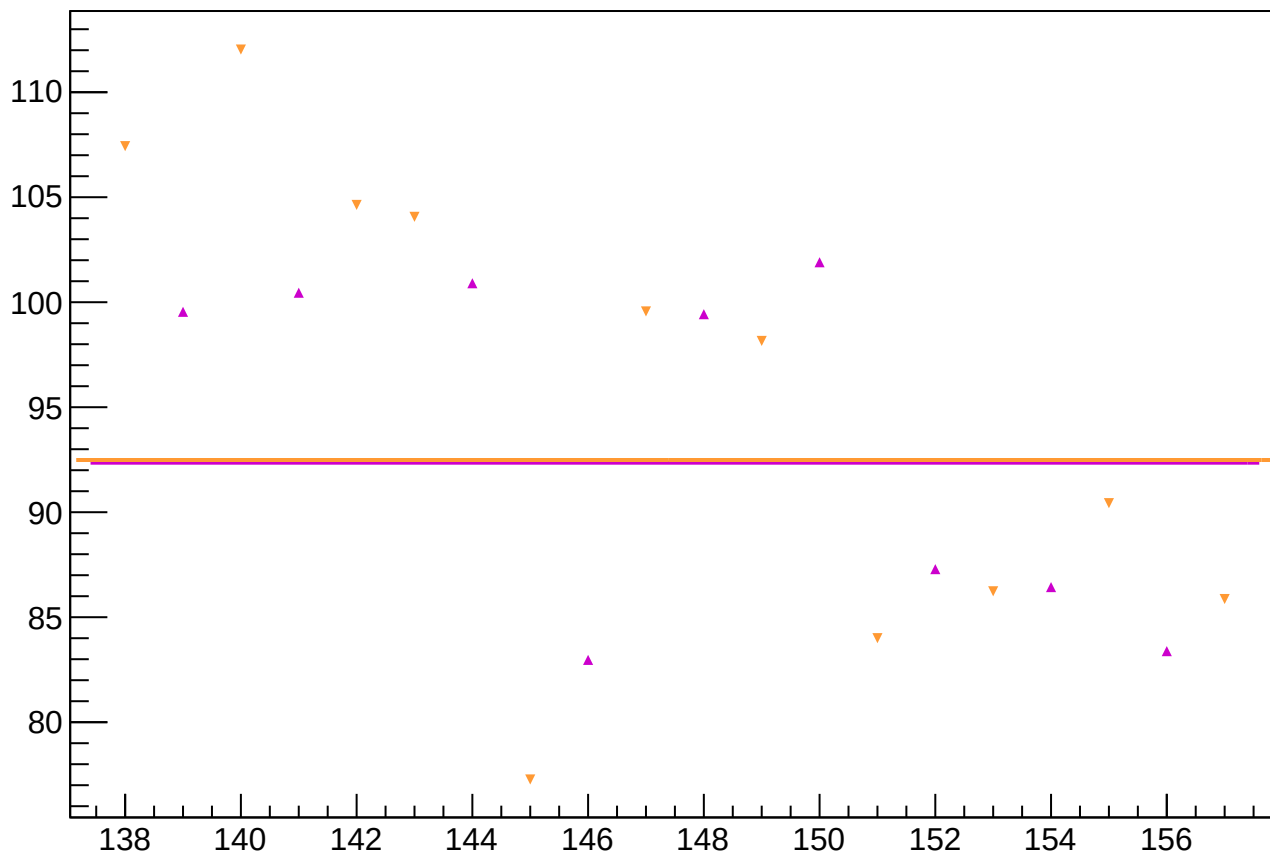
Left In: 44.014+/-34.113 χ^2/NDF :2.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.760+/-23.646 χ^2/NDF : 16.5/19

- 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

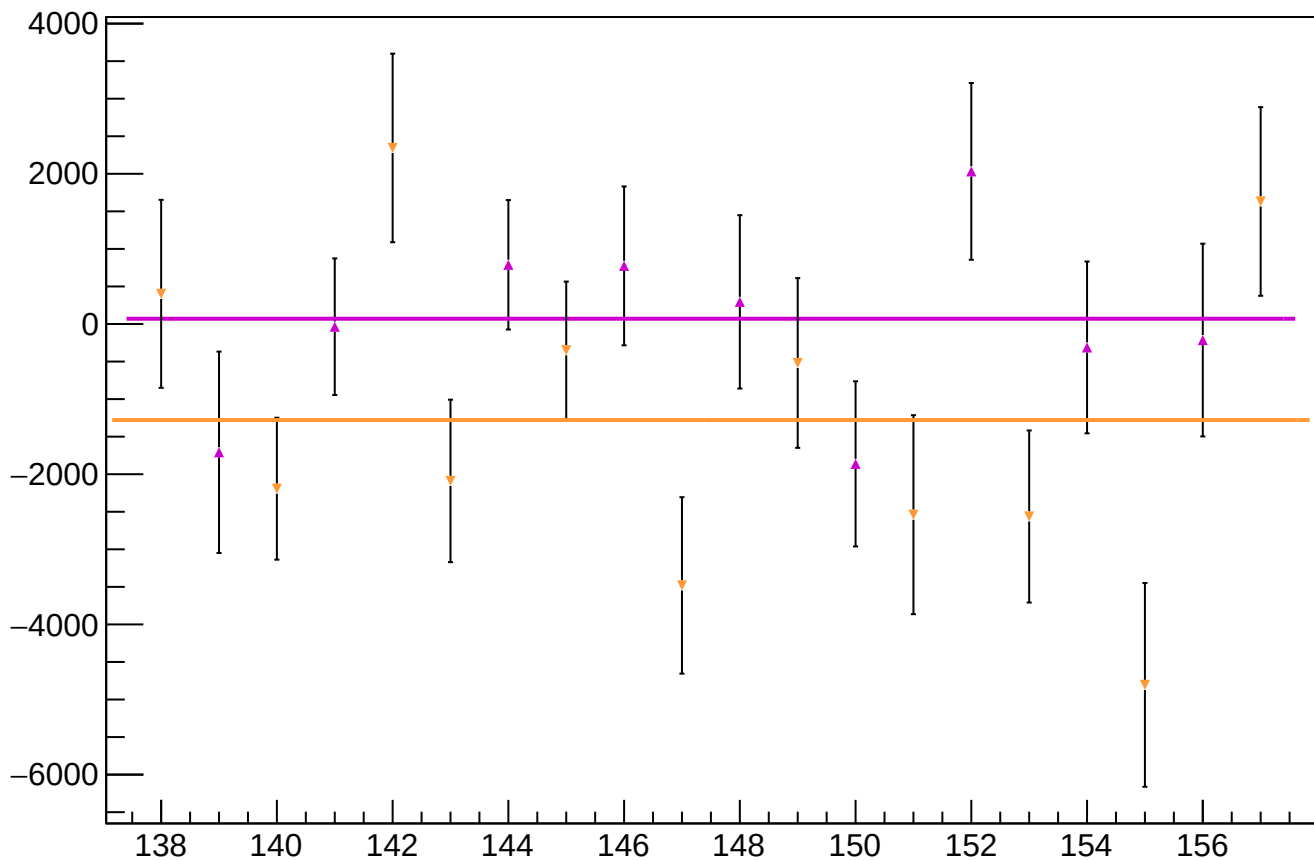
Left In: 92.359+/-0.024 χ^2/NDF : 106421.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.425+/-0.017 χ^2/NDF : 315385.4/19

- 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

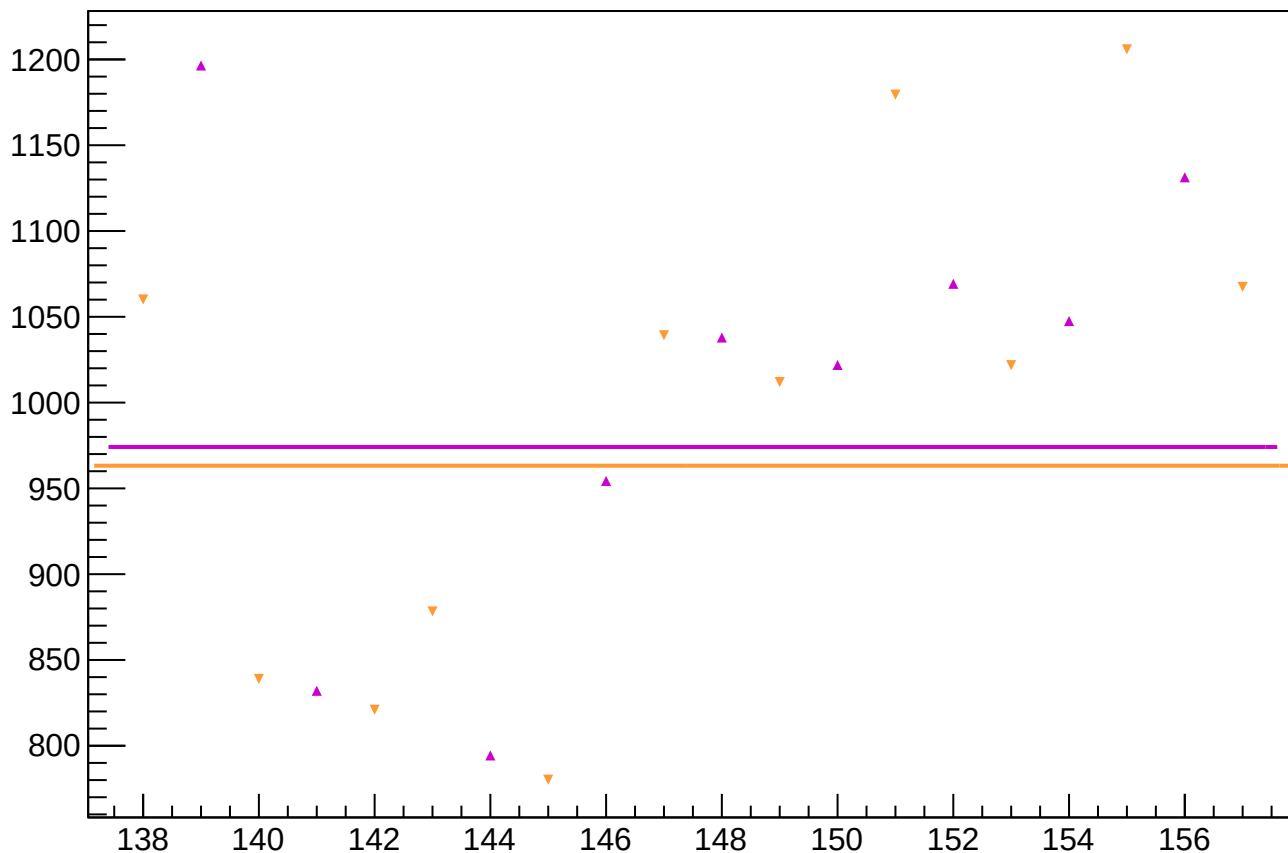
Left In: 70.249+/-360.955 χ^2/NDF :9.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.139+/-248.947 χ^2/NDF : 47.2/19

- 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

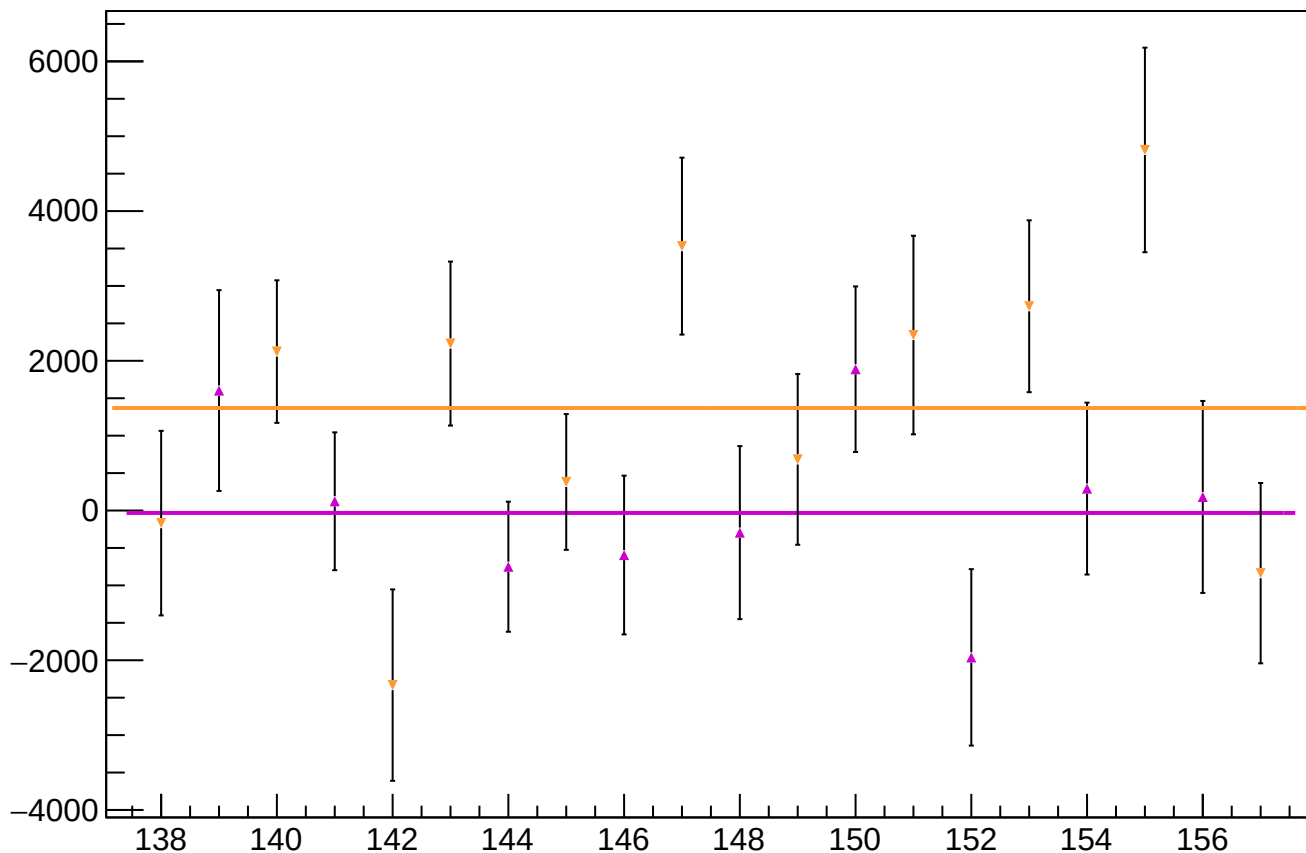
Left In: 974.132+/-0.255 χ^2/NDF : 252701.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.410+/-0.176 χ^2/NDF : 566729.3/19

- 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

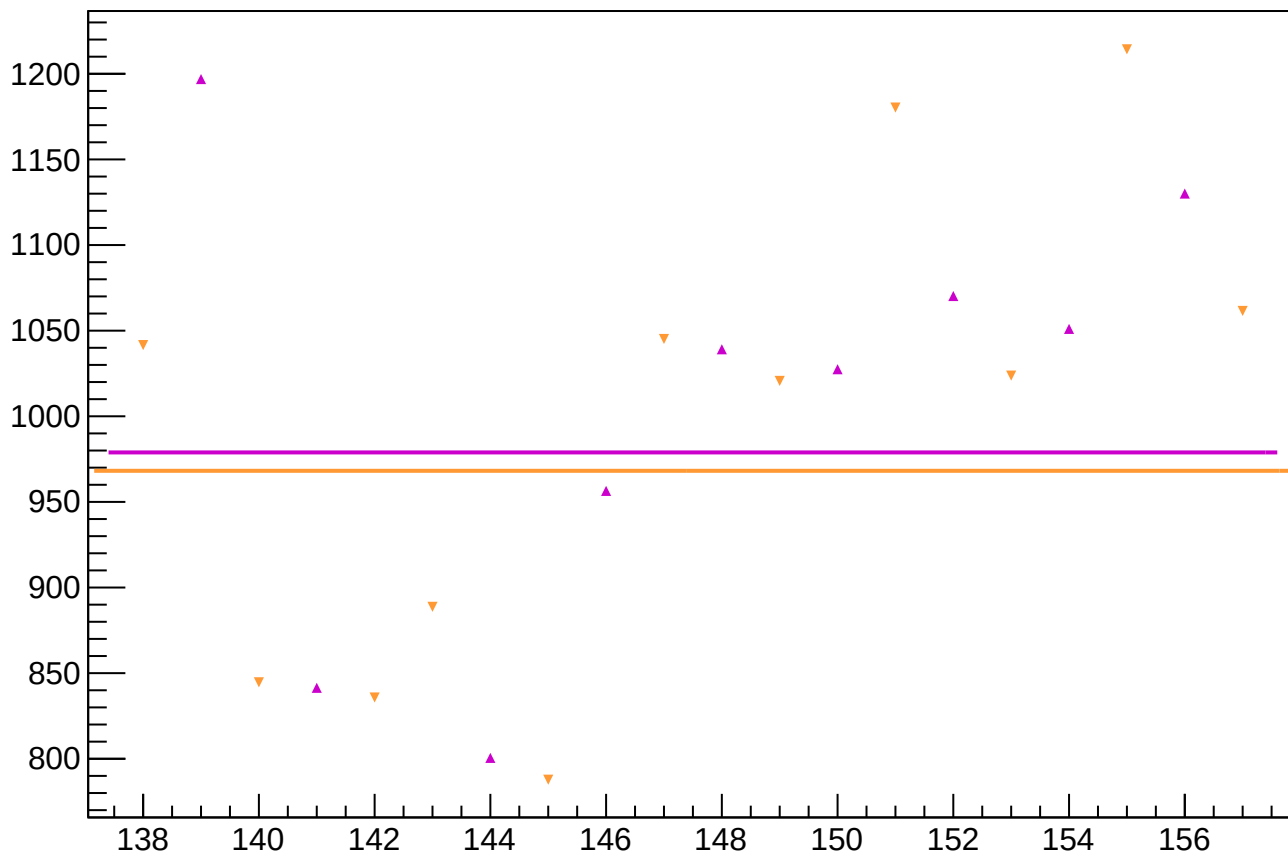
Left In: -32.000+/-362.664 χ^2/NDF : 8.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 706.419+/-249.504 χ^2/NDF : 44.0/19

- 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

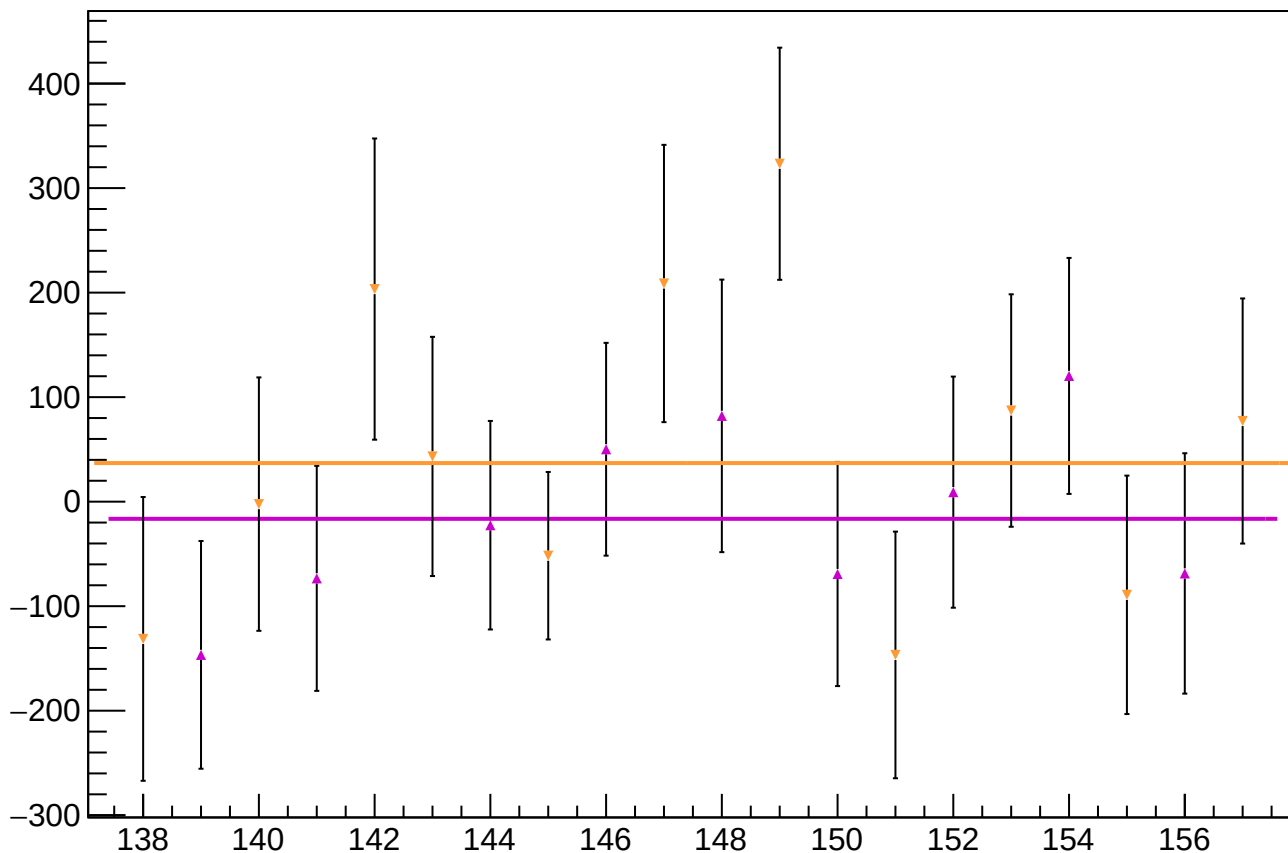
Left In: 978.896+/-0.256 χ^2/NDF : 239636.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 973.245+/-0.176 χ^2/NDF : 537890.6/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 36.920 $\pm$ 34.446 χ^2 /NDF:16.5/10

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

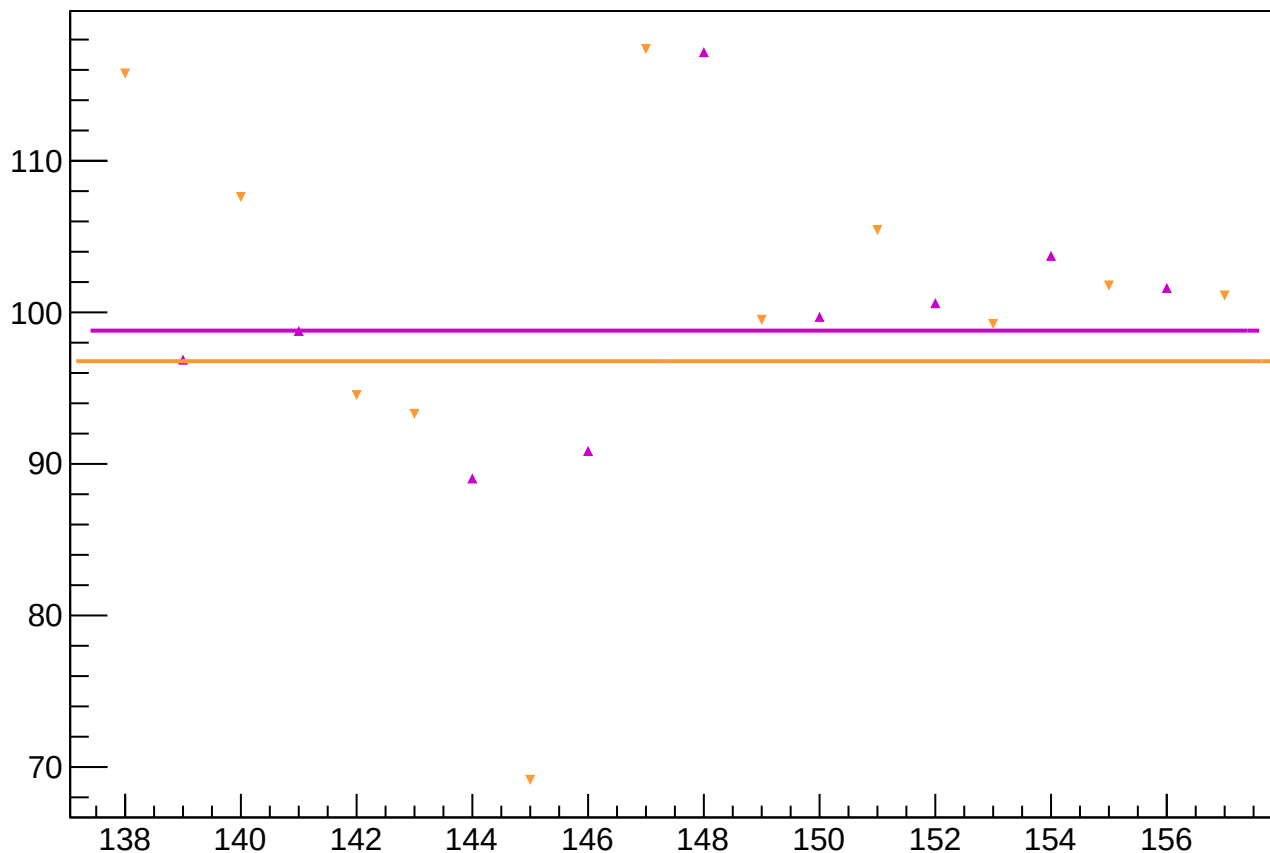
Left In: -16.433 $\pm$ 36.533 χ^2 /NDF:4.7/8

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

All: 11.811 $\pm$ 25.062 χ^2 /NDF: 22.3/19

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

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 96.779+/-0.024 χ^2/NDF : 362901.7/10

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

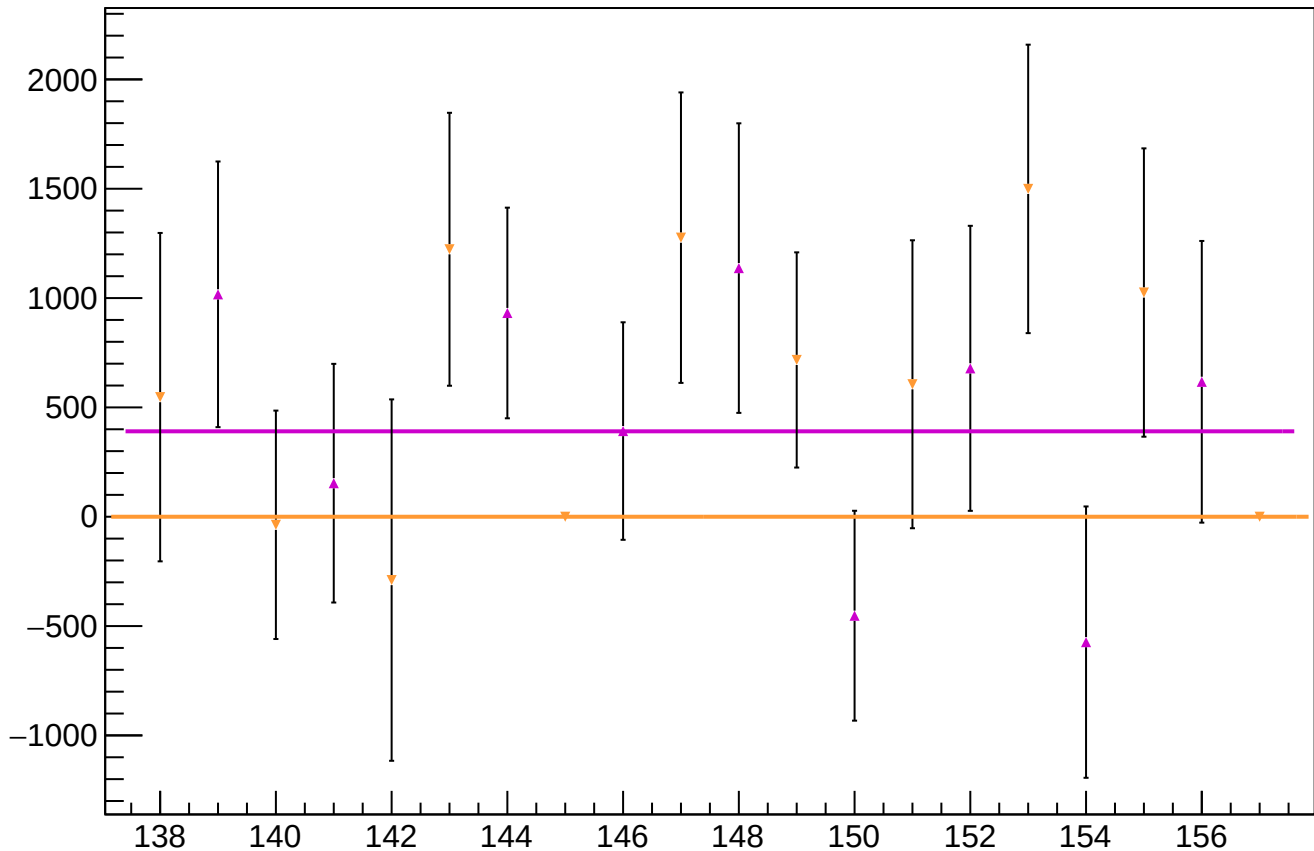
Left In: 98.796+/-0.026 χ^2/NDF : 77327.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.728+/-0.018 χ^2/NDF : 443457.1/19

- 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

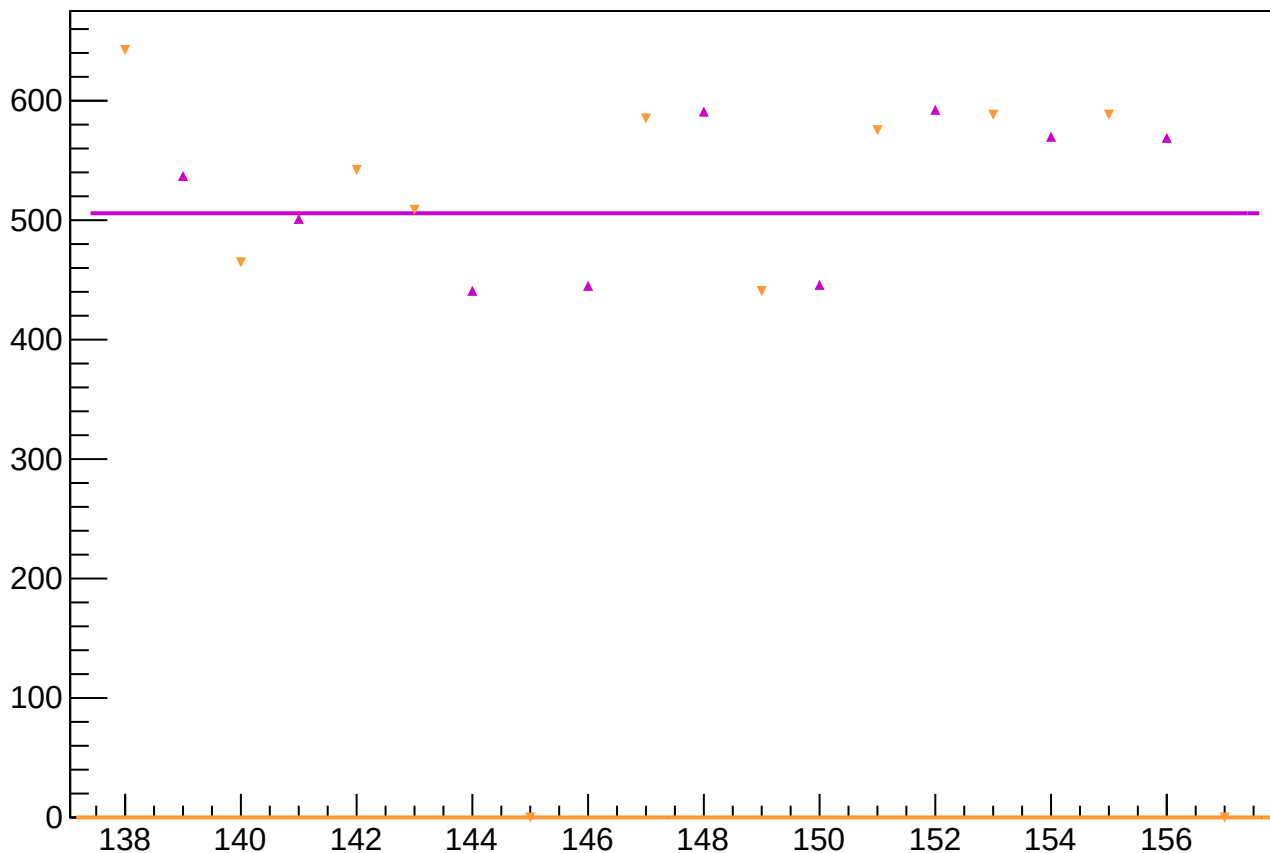
Left In: 390.636 $\pm$ 187.628 χ^2 /NDF: 9.6/8

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 33.0/19

- 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

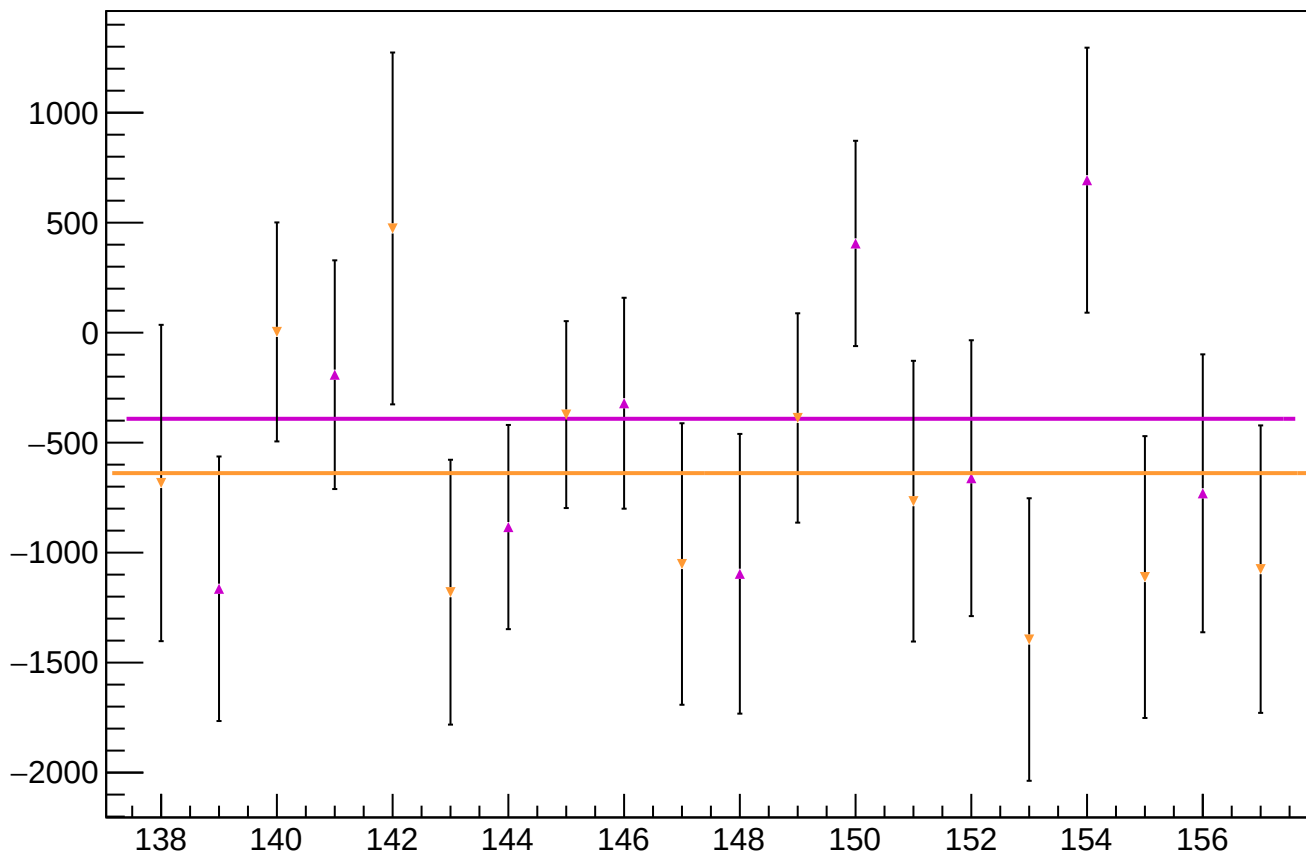
Left In: 505.804+/-0.133 χ^2/NDF :211693.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27849091.4/19

- 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

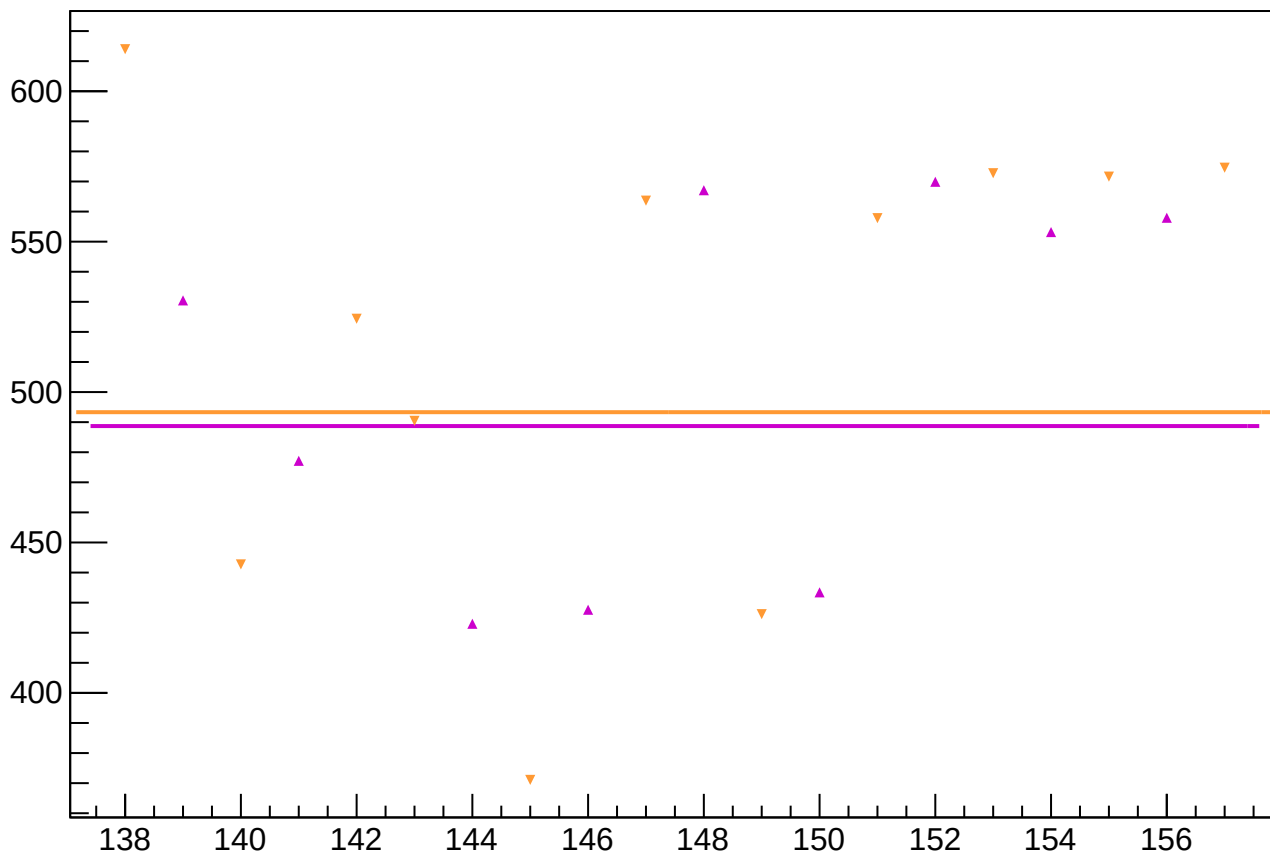
Left In: -391.561+/-181.582 χ^2/NDF : 10.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -519.037+/-126.312 χ^2/NDF : 19.7/19

- 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

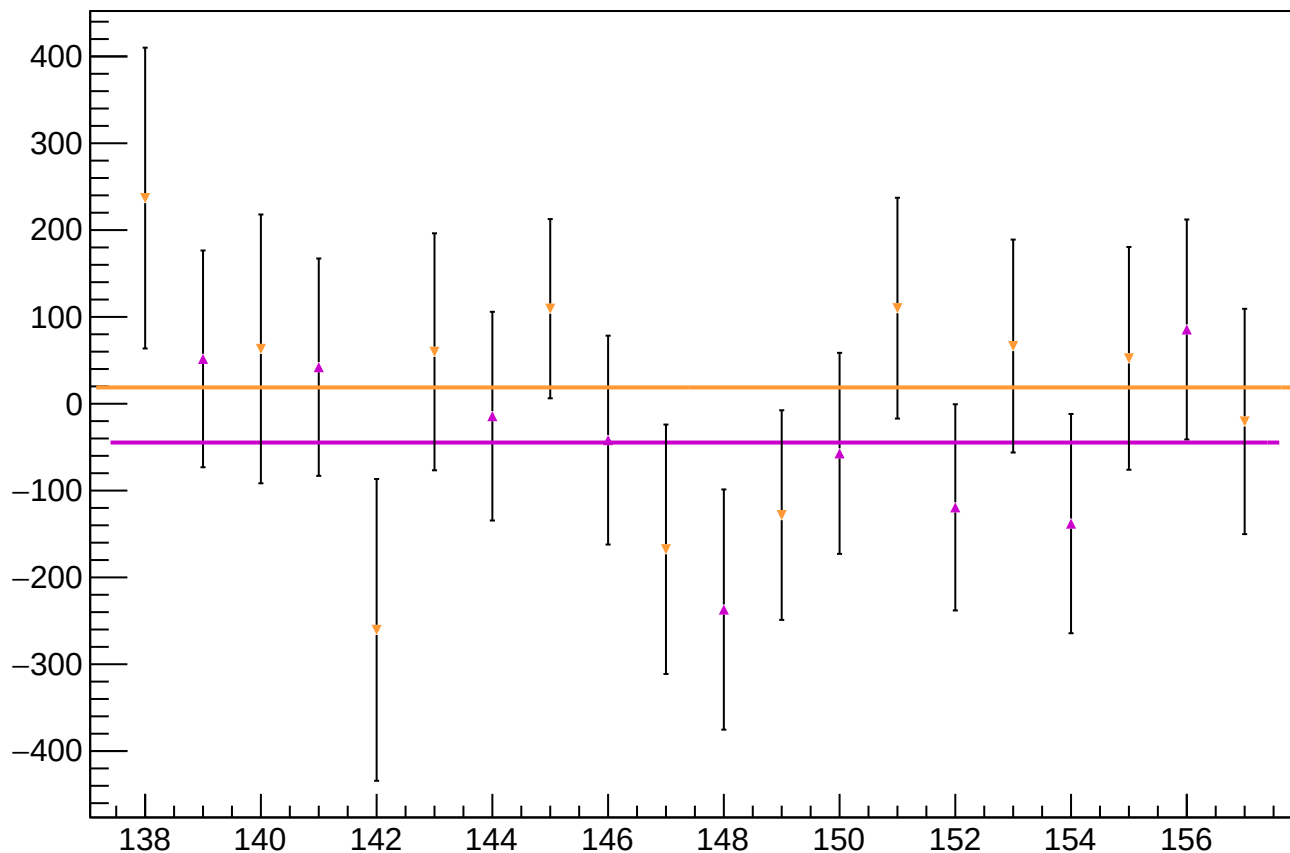
Left In: 488.700+/-0.128 χ^2/NDF : 222137.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.081+/-0.089 χ^2/NDF : 644191.5/19

- 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

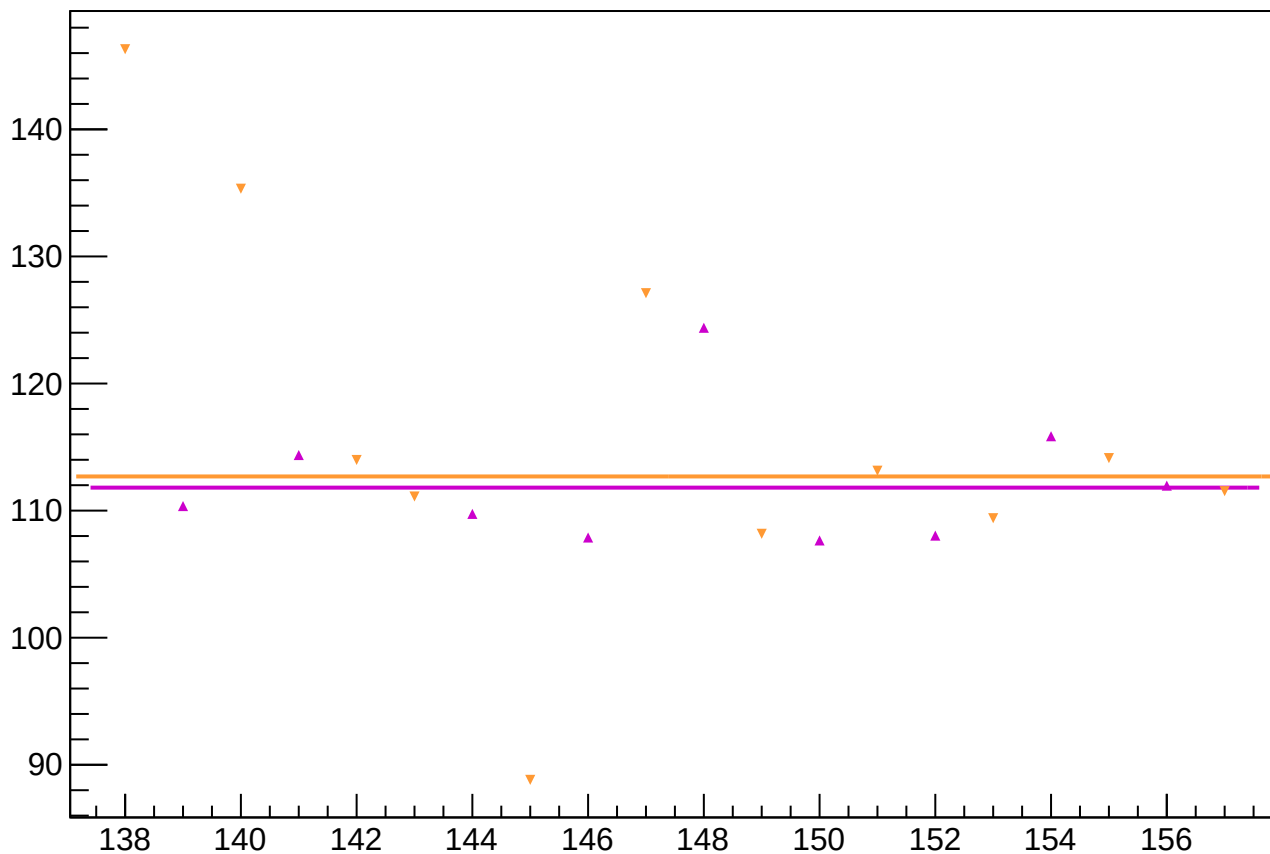
Left In: -44.678+/-41.195 χ^2/NDF : 5.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.108+/-28.740 χ^2/NDF : 15.4/19

- 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

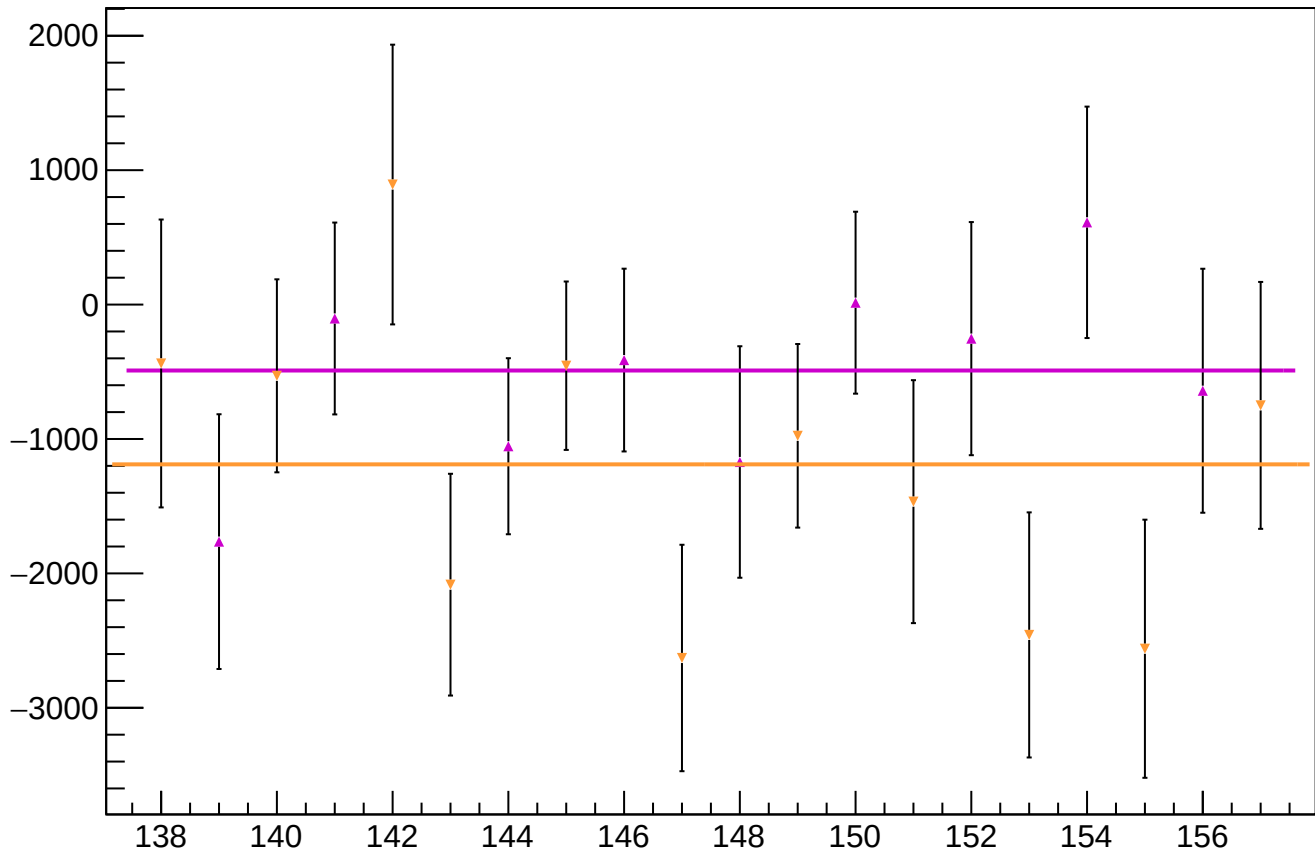
Left In: 111.808+/-0.029 χ^2/NDF : 27028.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.260+/-0.020 χ^2/NDF : 277853.3/19

- 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

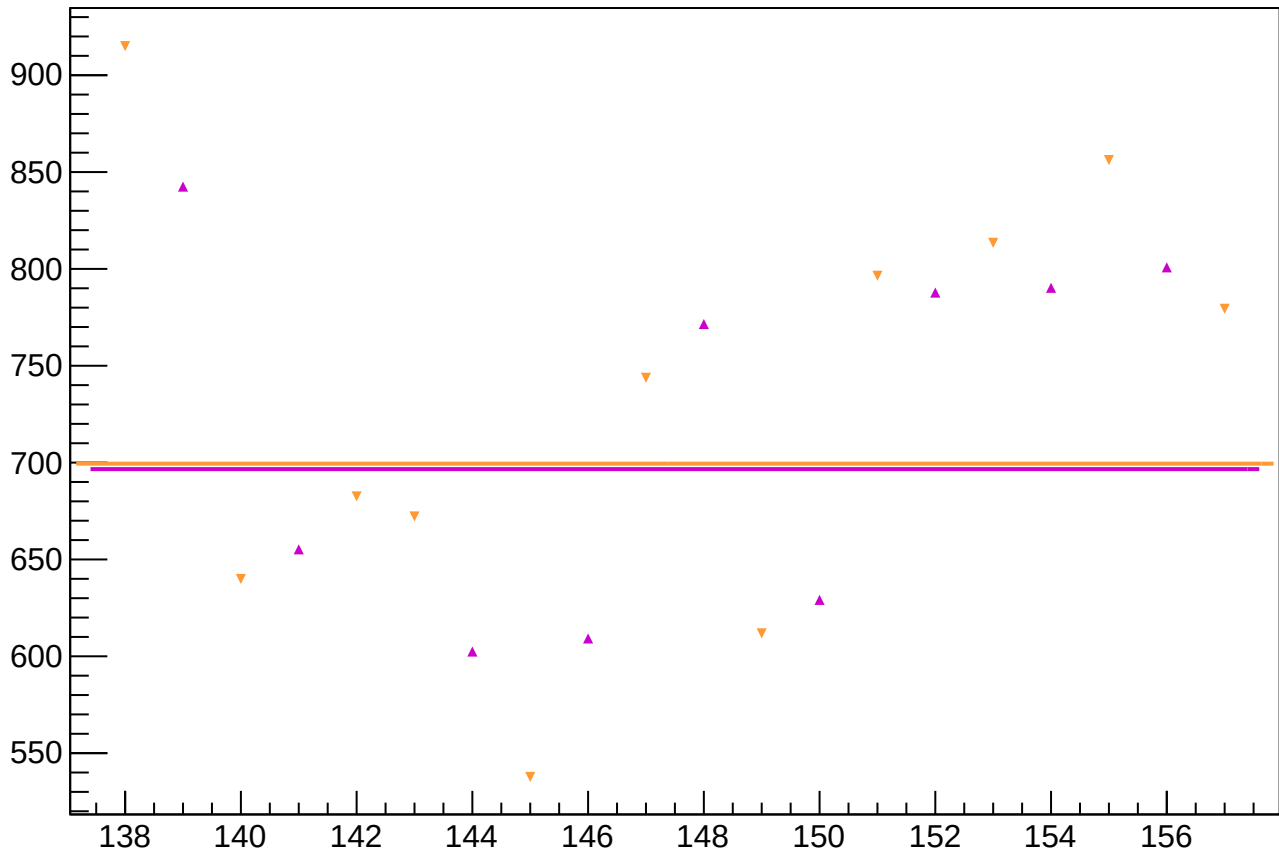
Left In: -490.487+/-258.241 χ^2/NDF : 5.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -850.955+/-179.614 χ^2/NDF : 24.8/19

- 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

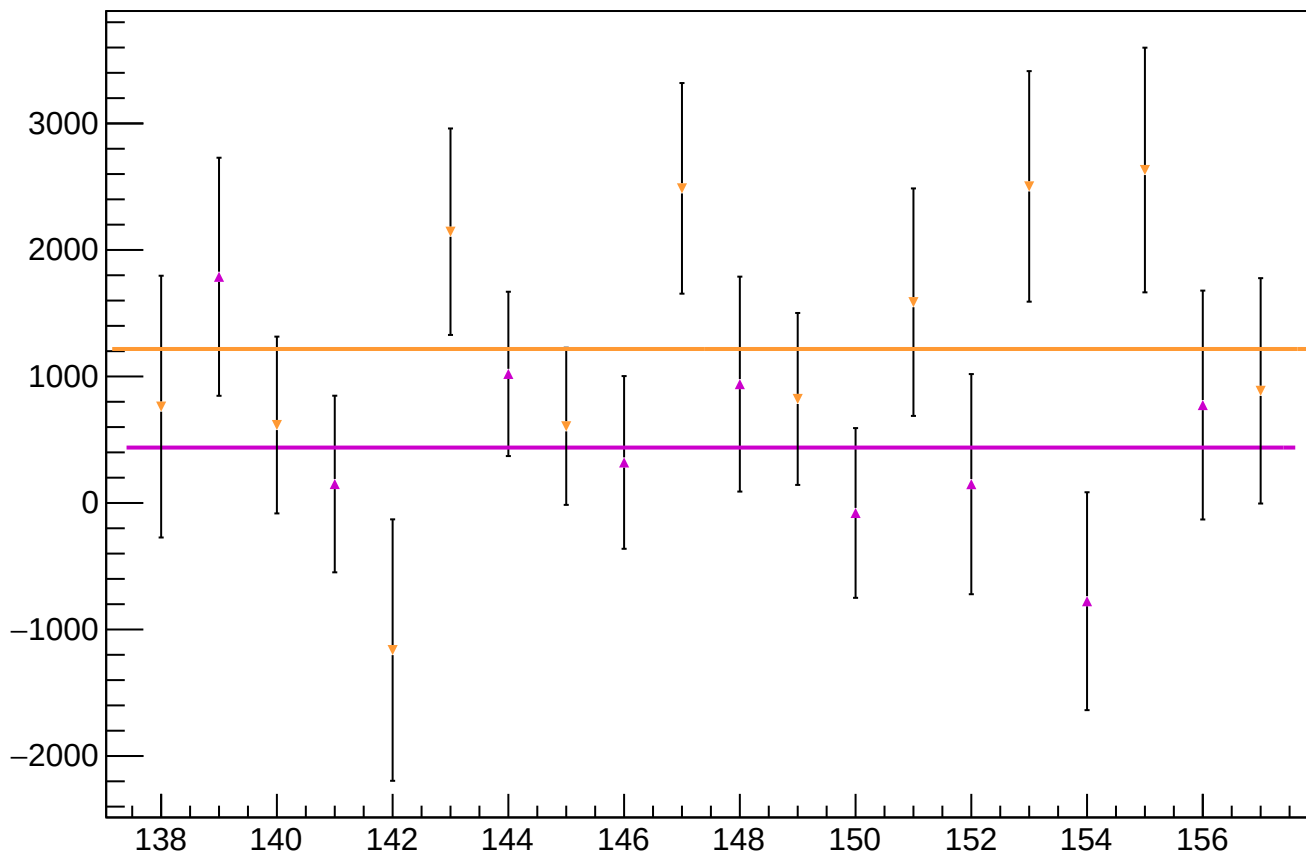
Left In: 696.643+/-0.183 χ^2/NDF : 235631.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.095+/-0.127 χ^2/NDF : 627721.4/19

- 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

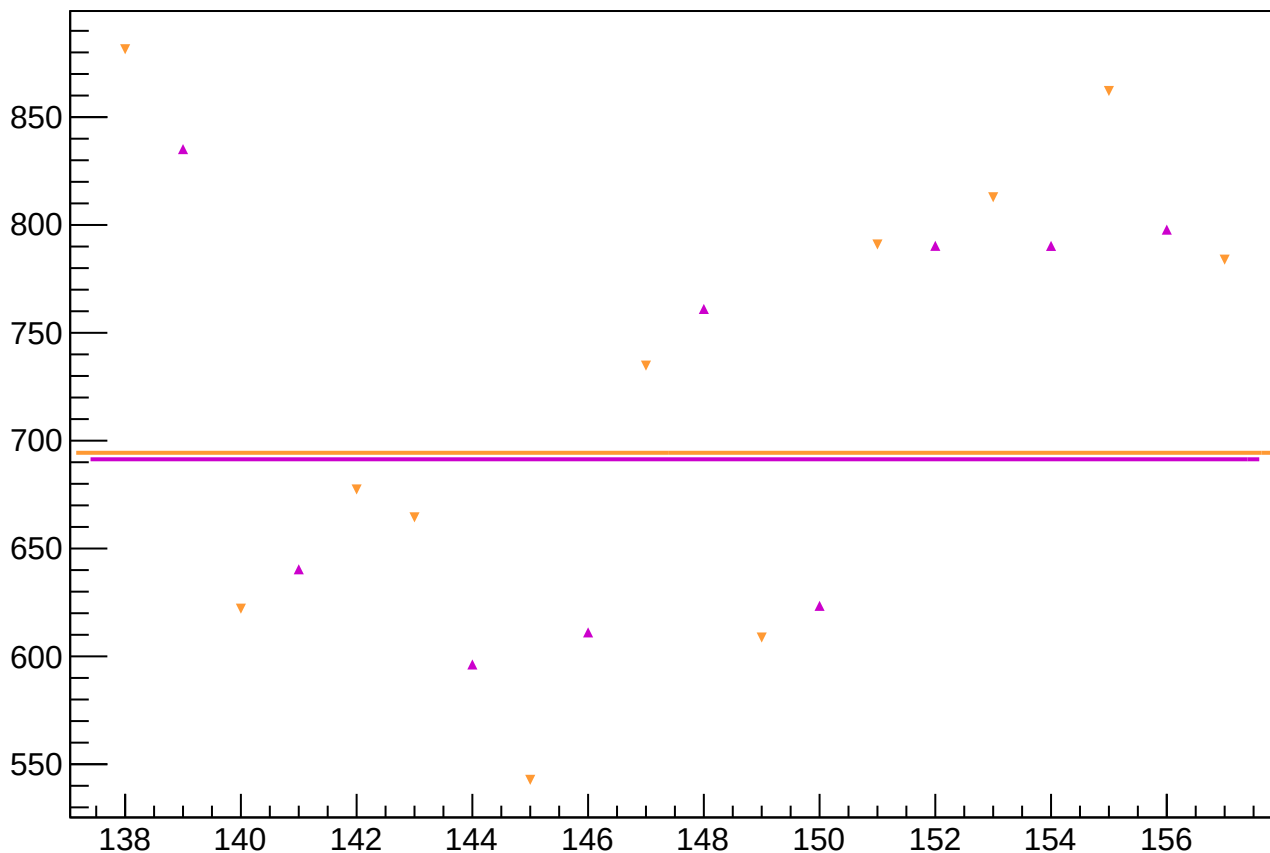
Left In: 438.031+/-256.508 χ^2/NDF :6.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.381+/-177.917 χ^2/NDF : 26.6/19

- 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

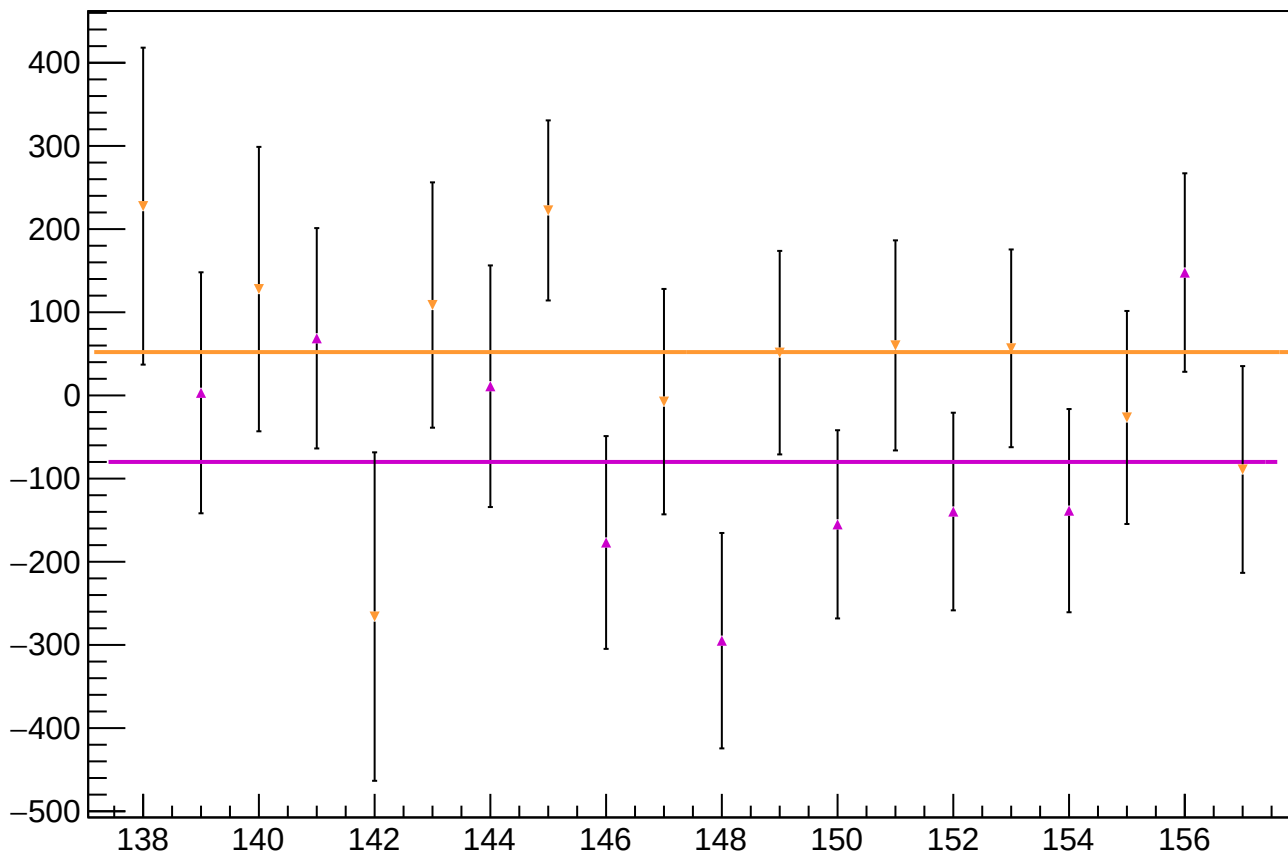
Left In: 691.366+/-0.181 χ^2/NDF : 241901.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.931+/-0.126 χ^2/NDF : 625005.1/19

- 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

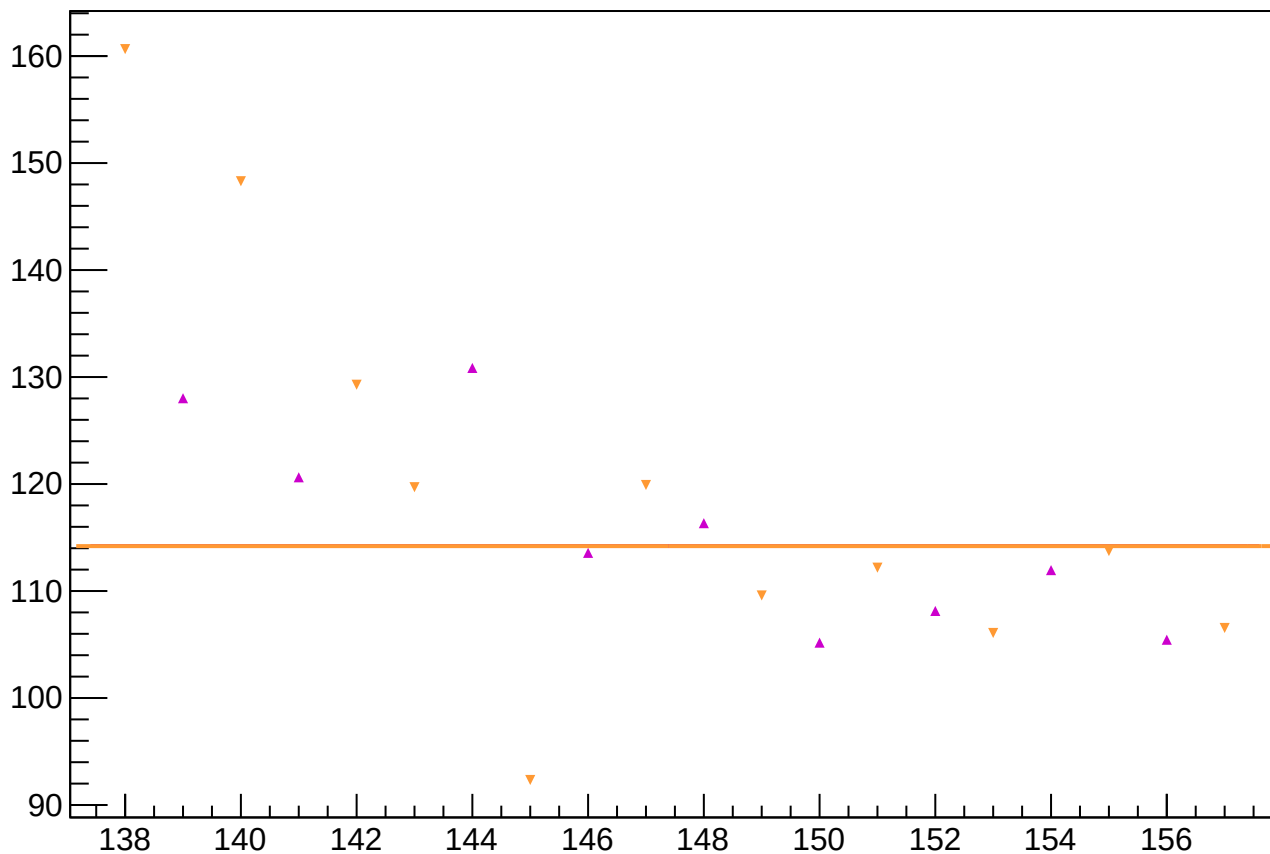
Left In: -79.970+/-42.302 χ^2/NDF : 9.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.630+/-29.388 χ^2/NDF : 23.0/19

- 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

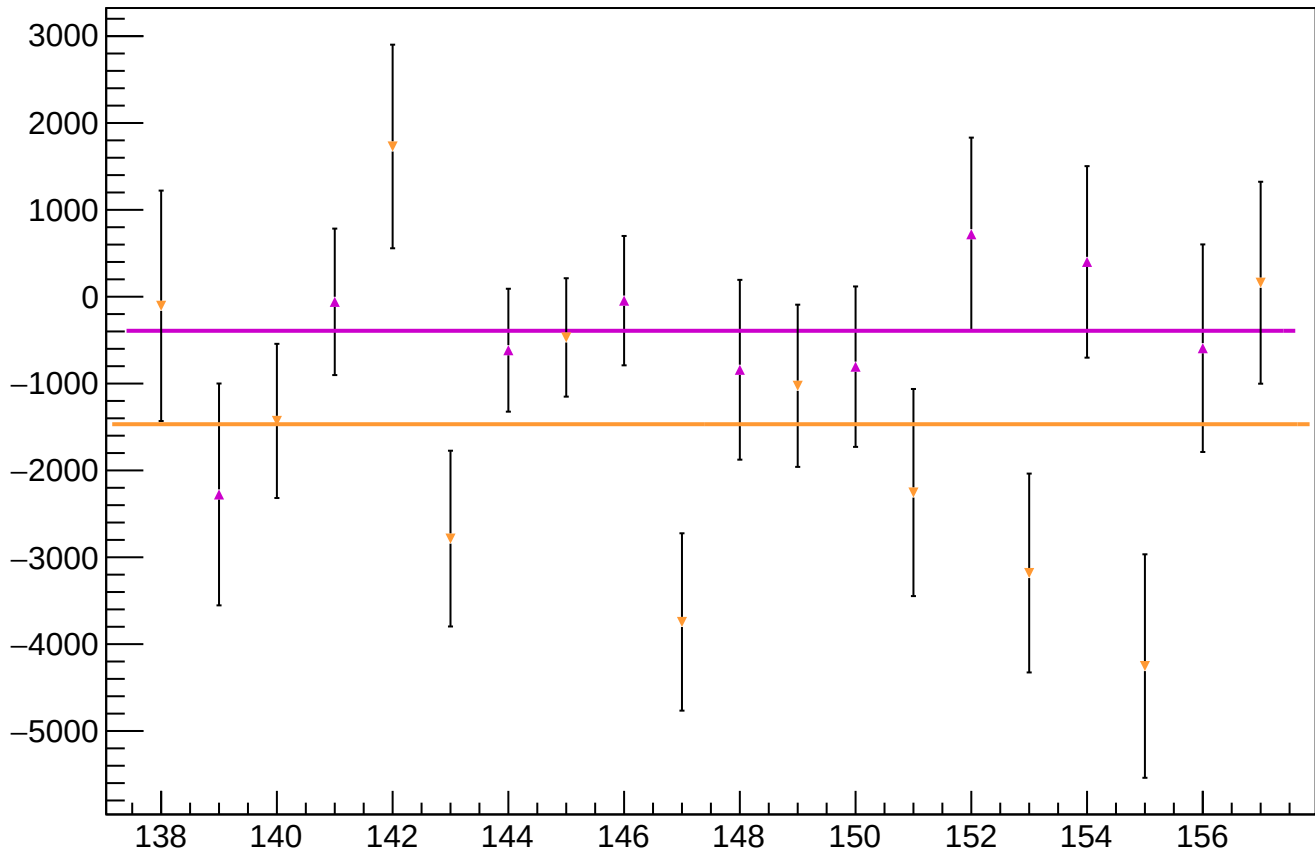
Left In: 114.207+/-0.030 χ^2/NDF : 79136.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.202+/-0.021 χ^2/NDF : 397345.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1467.976 $\pm$ 306.975 χ^2 /NDF:26.9/10

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

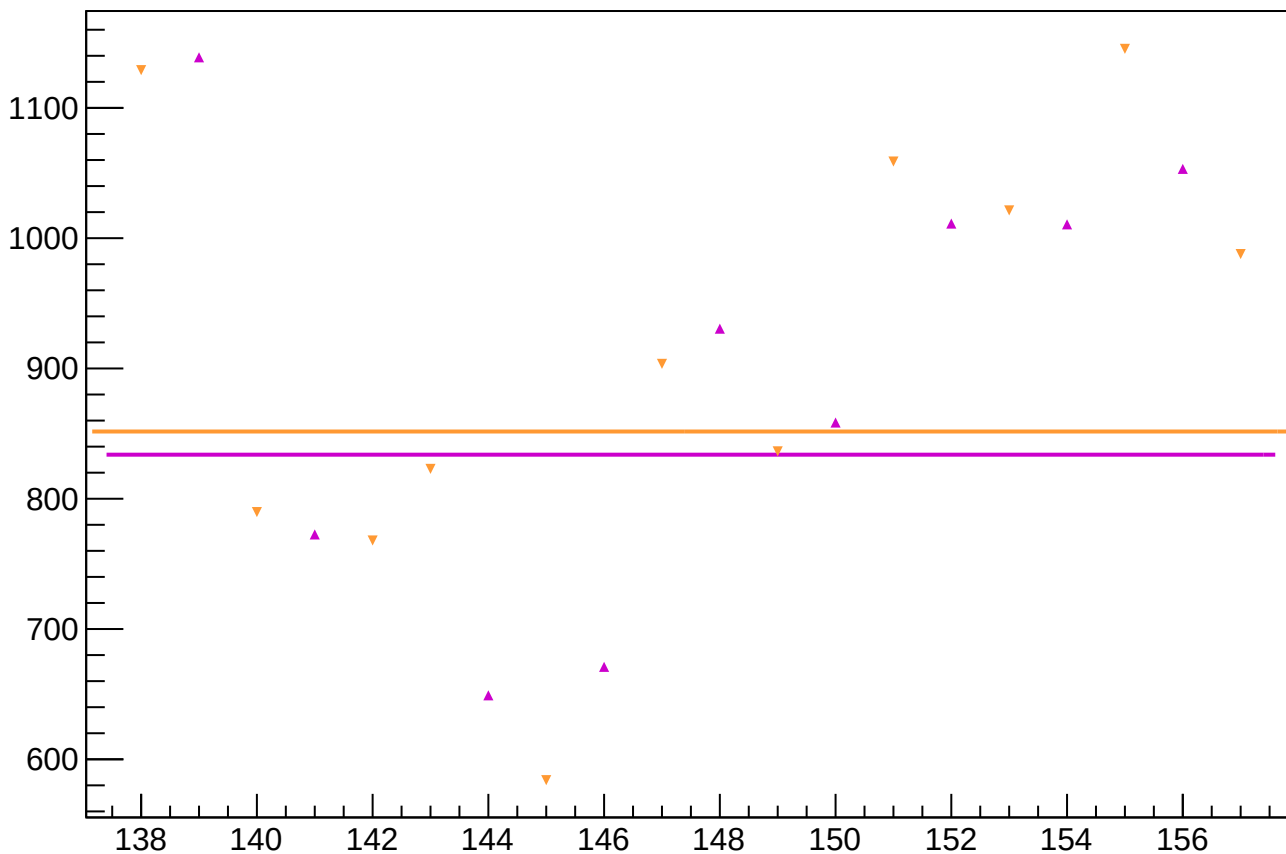
Left In: -392.415 $\pm$ 312.243 χ^2 /NDF:4.6/8

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

All: -939.345 $\pm$ 218.903 χ^2 /NDF: 37.5/19

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

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 851.612+/-0.217 χ^2/NDF : 659101.5/10

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

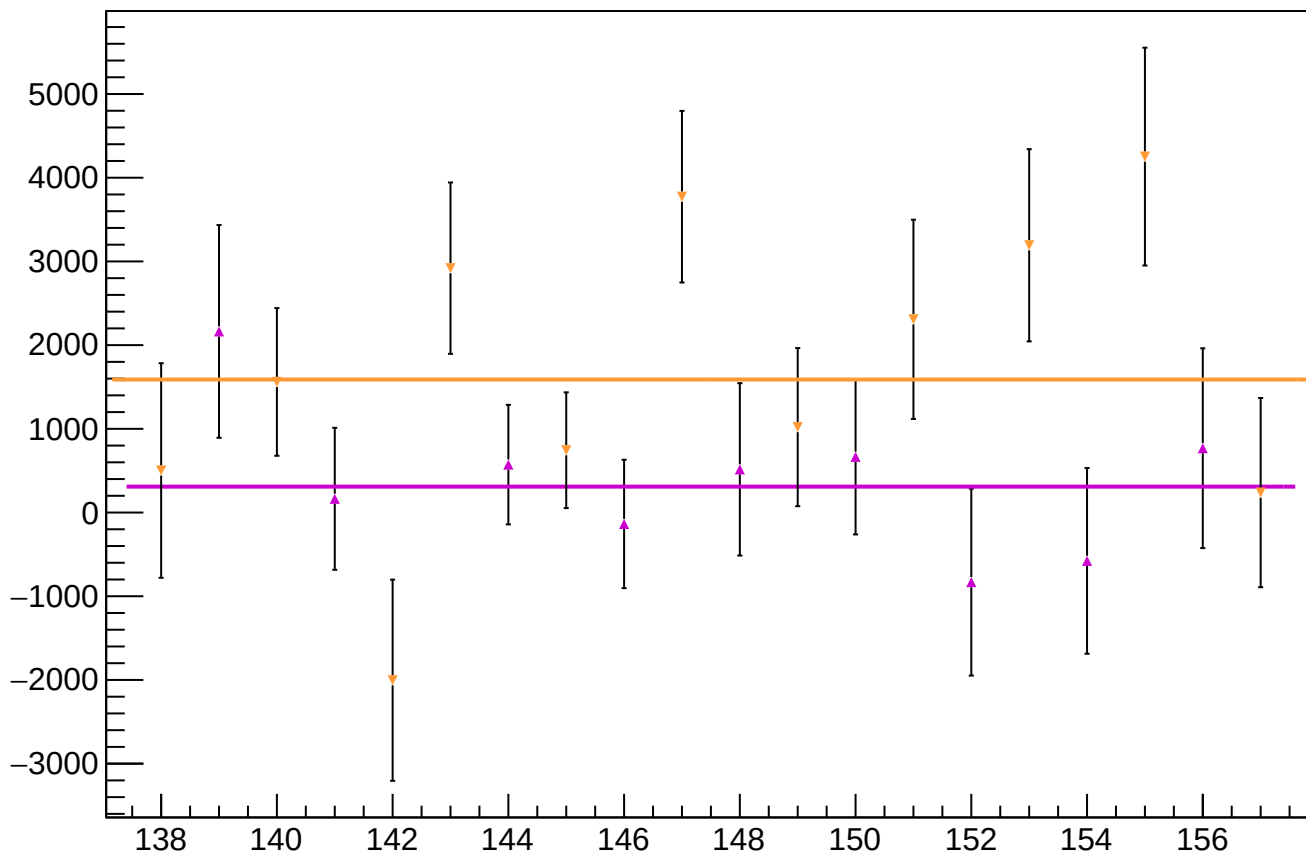
Left In: 833.819+/-0.221 χ^2/NDF : 545146.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.867+/-0.155 χ^2/NDF : 1207550.5/19

- 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

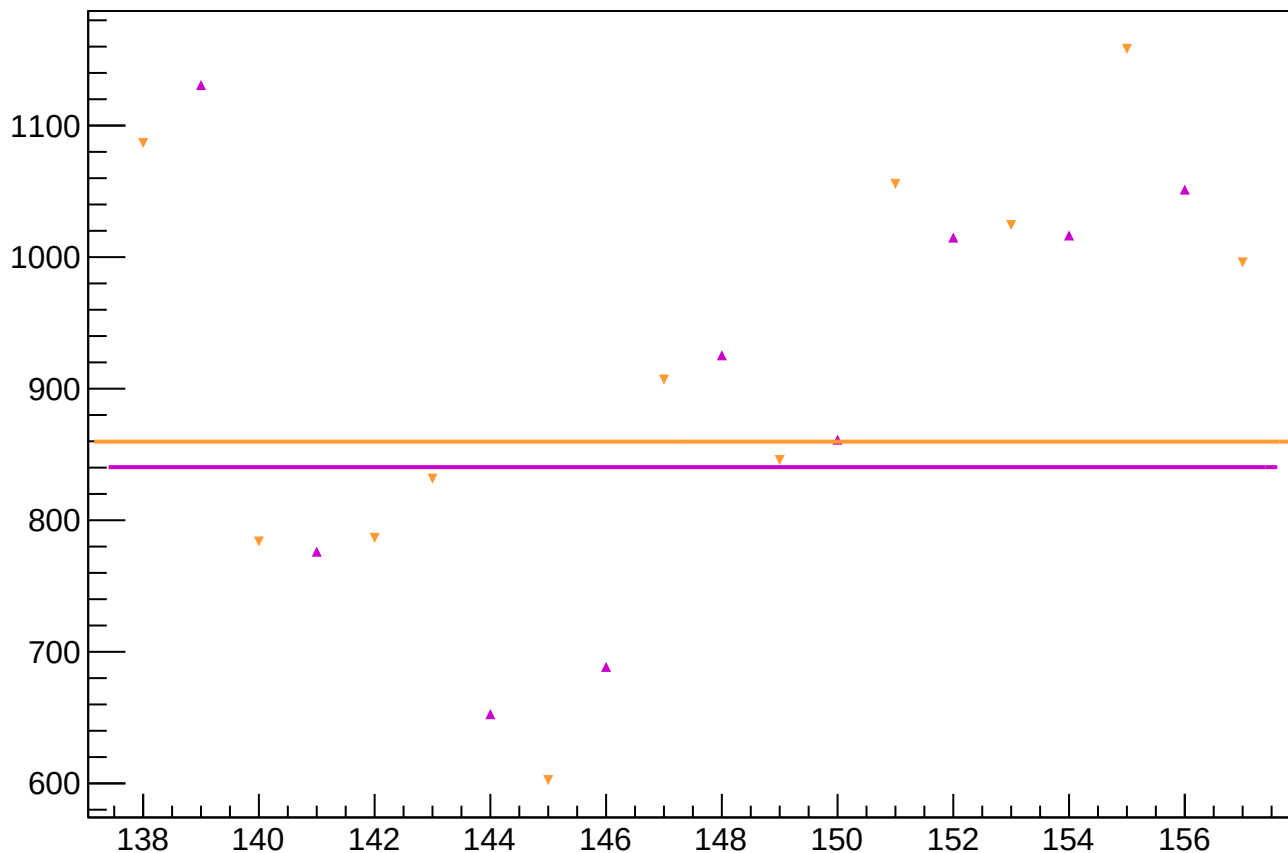
Left In: 309.481+/-314.754 χ^2/NDF :4.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.075+/-220.140 χ^2/NDF : 38.8/19

- 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

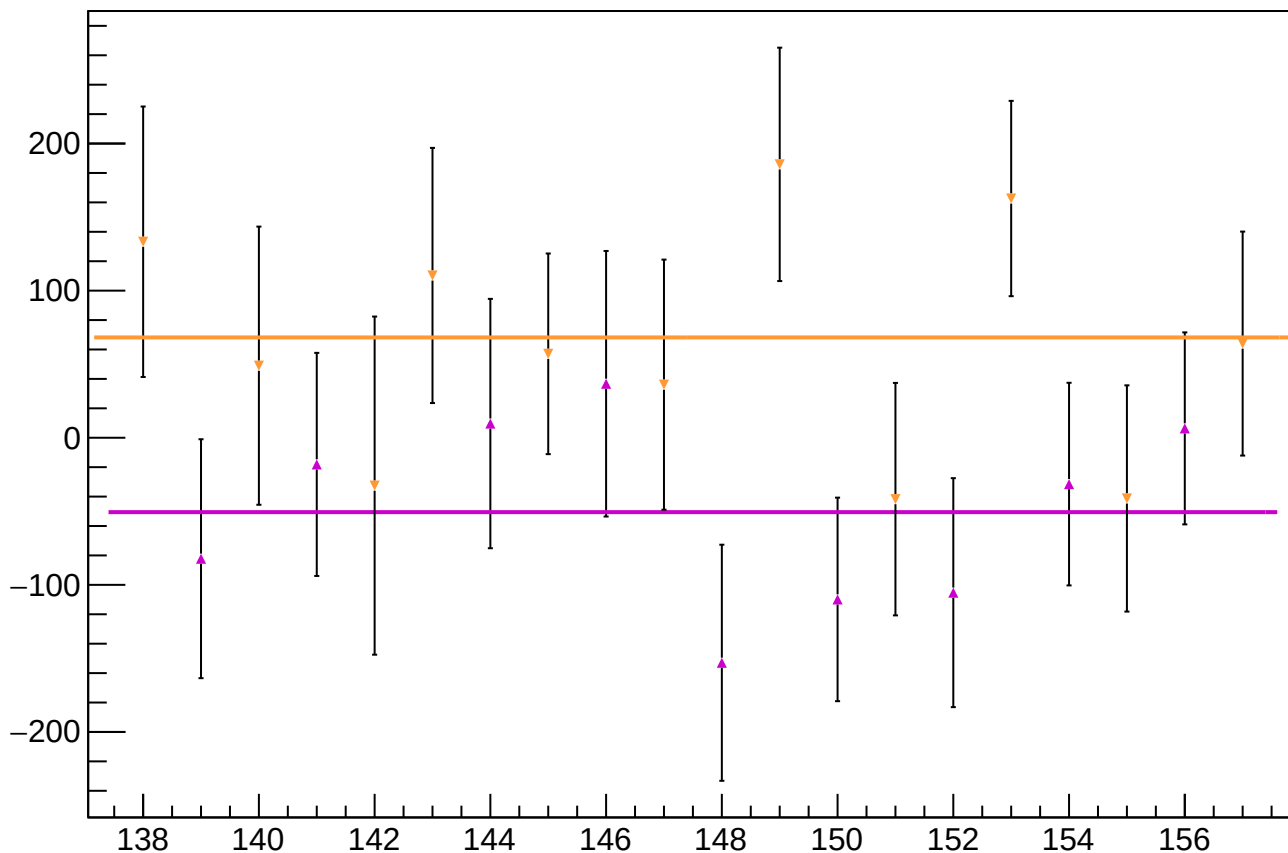
Left In: 840.364+/-0.223 χ^2/NDF : 508851.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.273+/-0.156 χ^2/NDF : 1110296.4/19

- 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

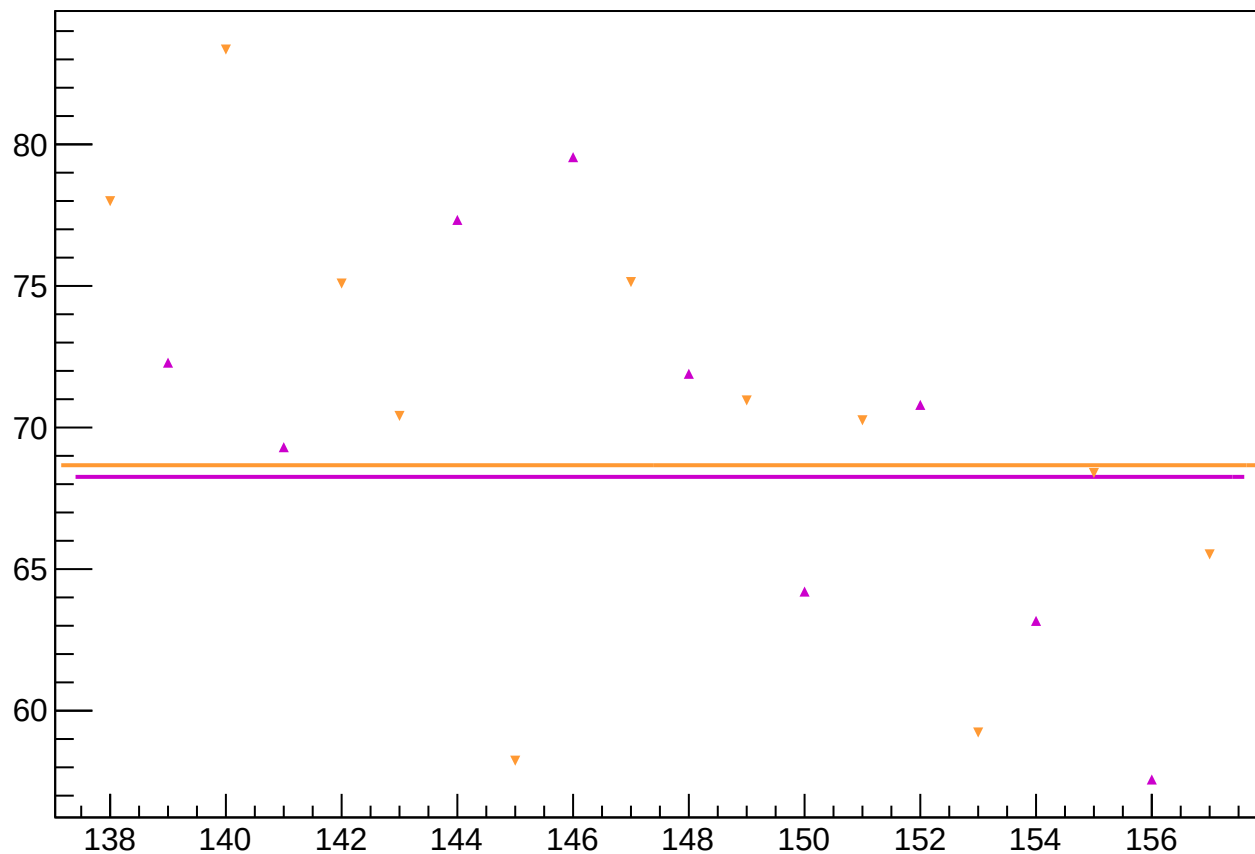
Left In: -50.574+/-25.299 χ^2/NDF : 5.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.954+/-17.562 χ^2/NDF : 26.8/19

- 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

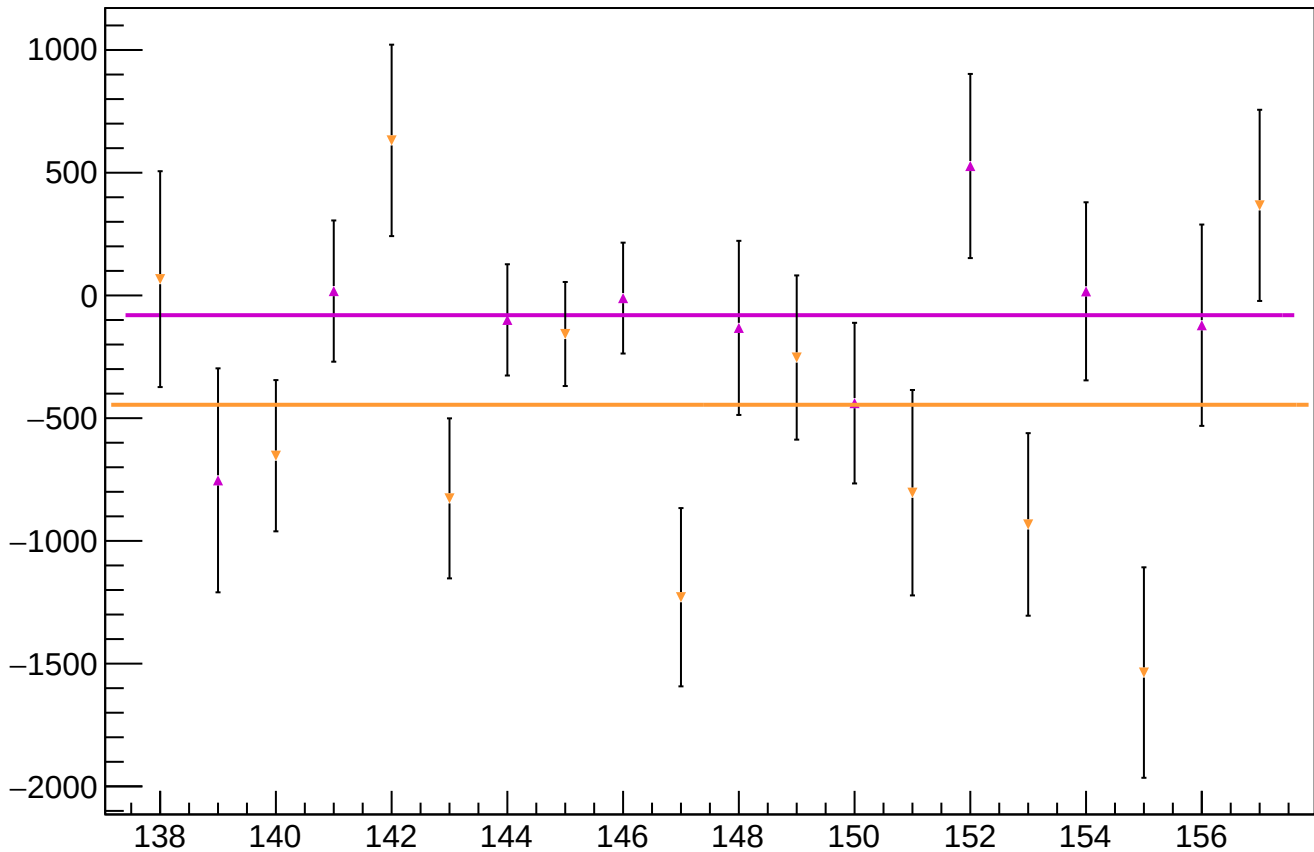
Left In: 68.258+/-0.018 χ^2/NDF :137189.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.471+/-0.012 χ^2/NDF : 318038.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -445.393 $\pm$ 102.359 χ^2 /NDF:30.9/10

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

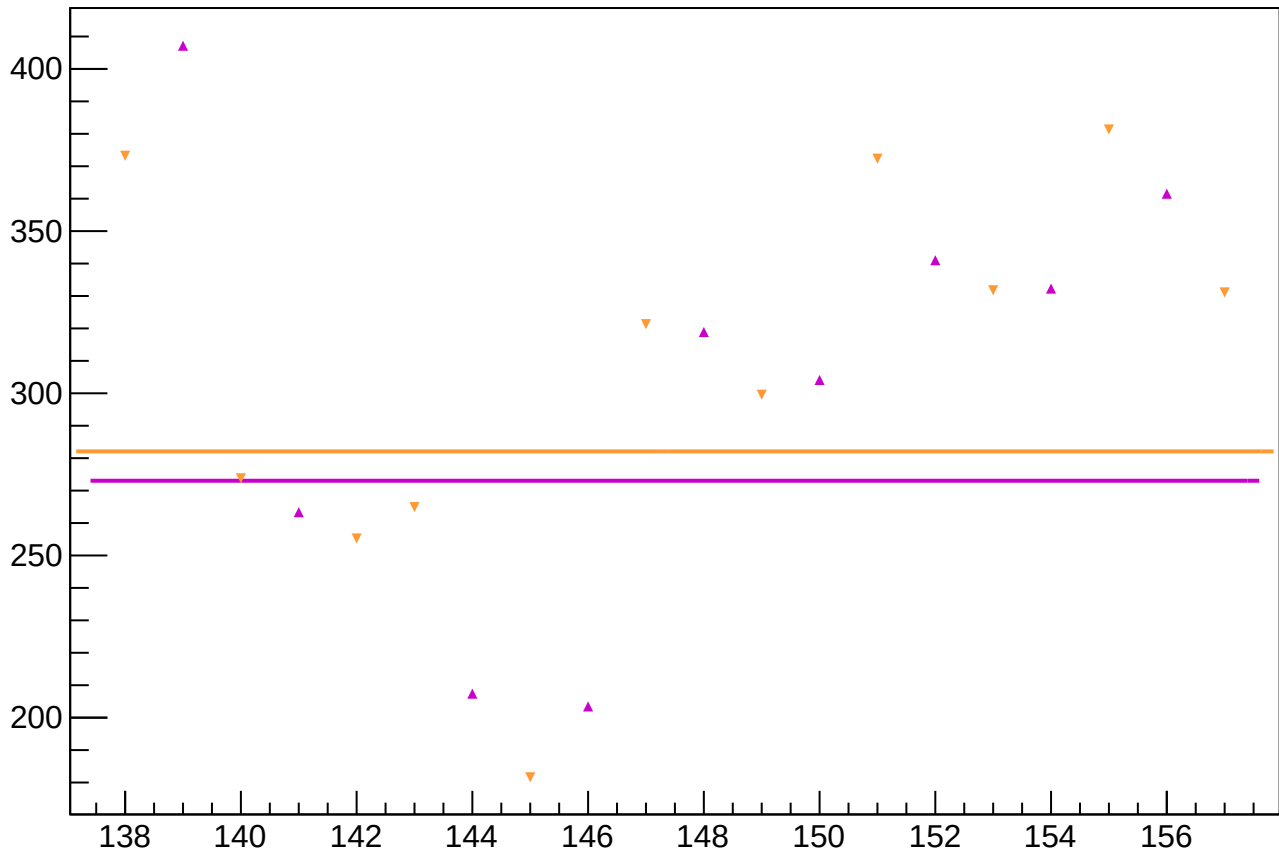
Left In: -80.390 $\pm$ 103.203 χ^2 /NDF:6.3/8

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

All: -264.389 $\pm$ 72.675 χ^2 /NDF: 43.6/19

- sign 0.000 $\pm$ 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

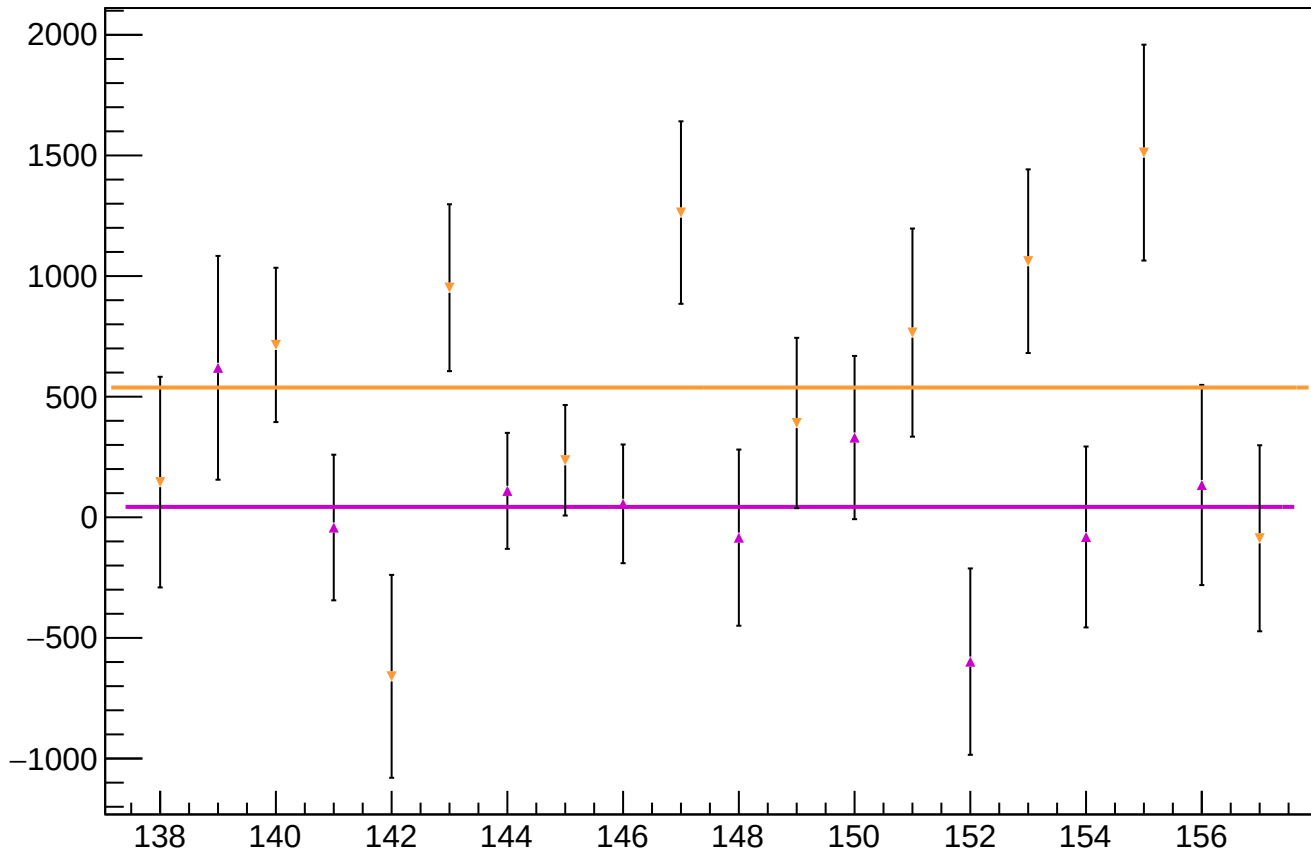
Left In: 273.041+/-0.073 χ^2/NDF : 796229.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.604+/-0.051 χ^2/NDF : 1652203.7/19

- 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

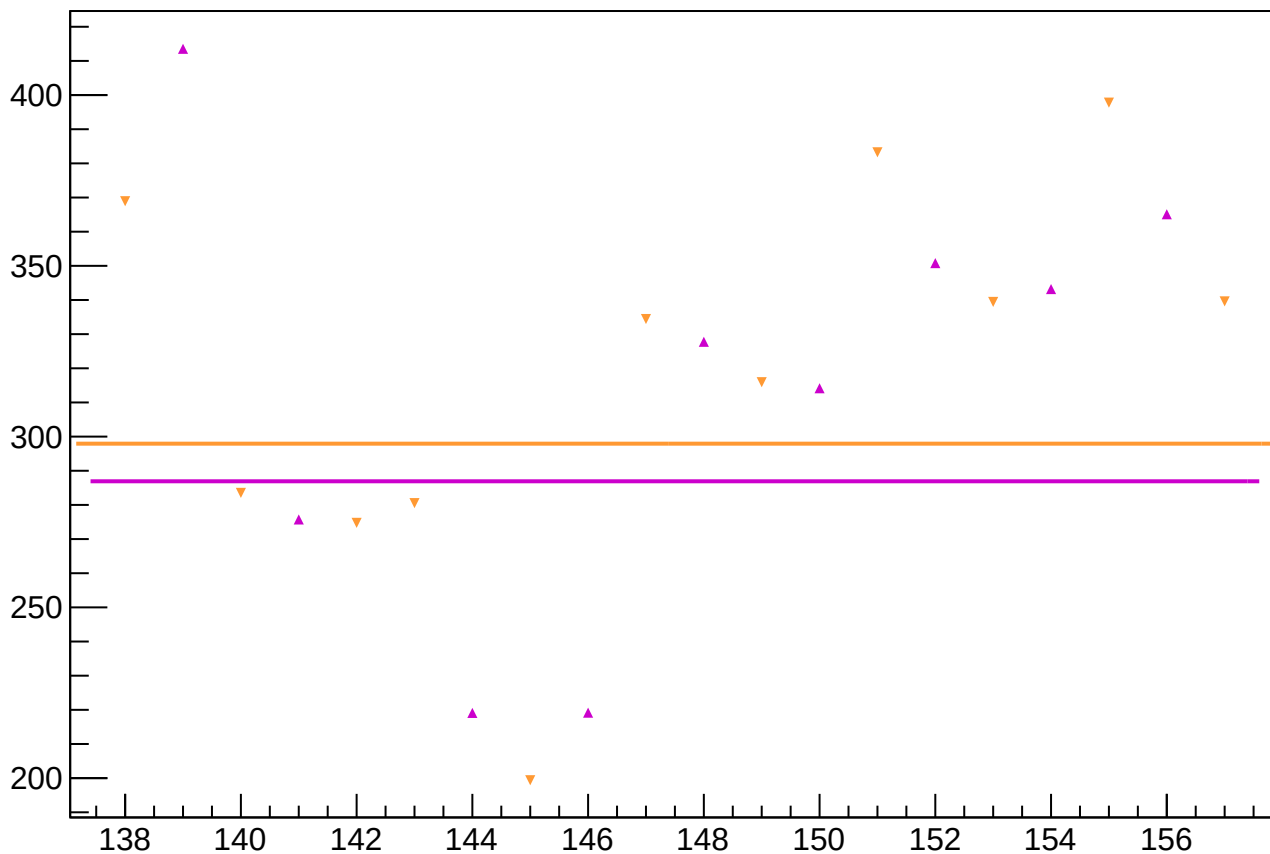
Left In: 43.121+/-108.277 χ^2/NDF : 5.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.081+/-76.166 χ^2/NDF : 41.8/19

- 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

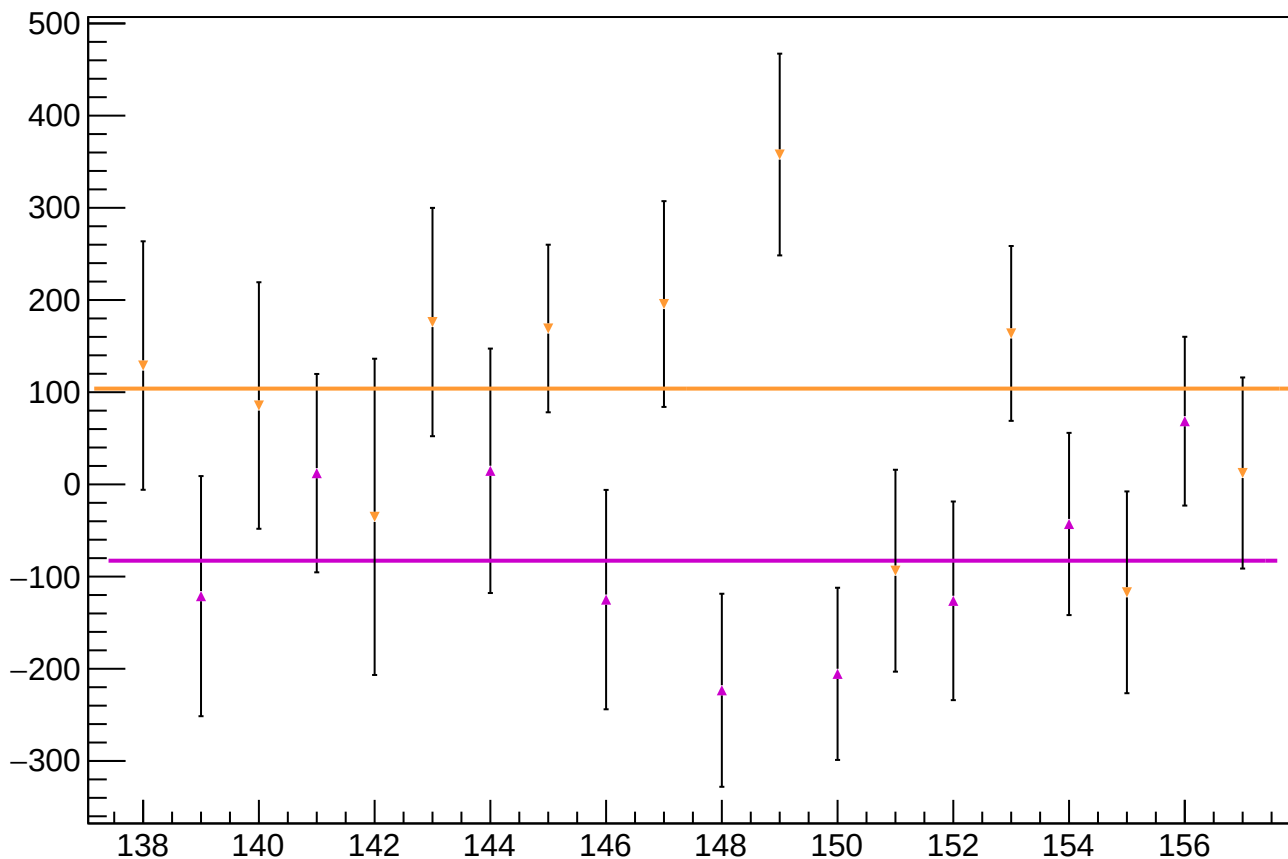
Left In: 286.917+/-0.077 χ^2/NDF : 671285.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.482+/-0.054 χ^2/NDF : 1368633.0/19

- 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

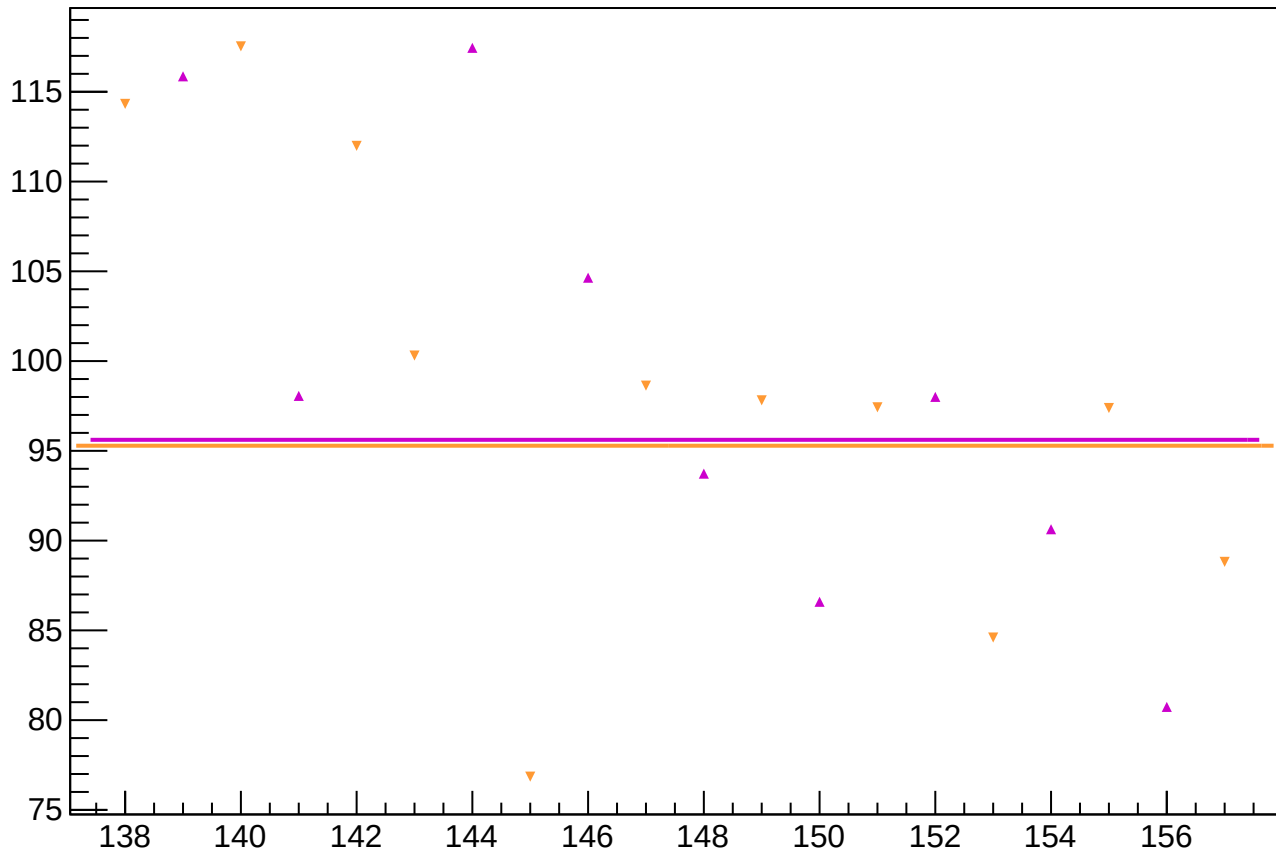
Left In: -82.773+/-35.654 χ^2/NDF :8.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.062+/-24.597 χ^2/NDF : 38.6/19

- 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

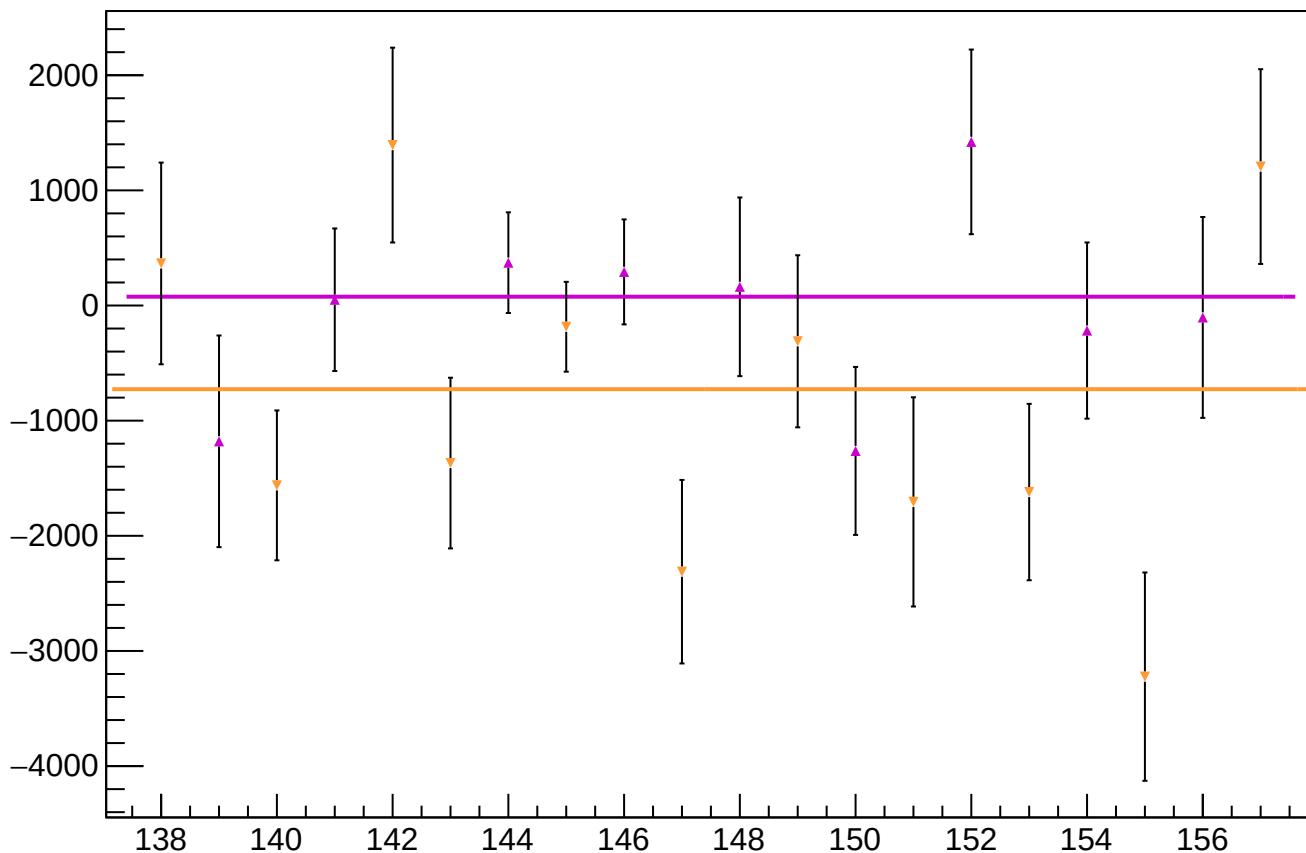
Left In: 95.614+/-0.025 χ^2/NDF :193340.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.442+/-0.017 χ^2/NDF : 430759.1/19

- 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

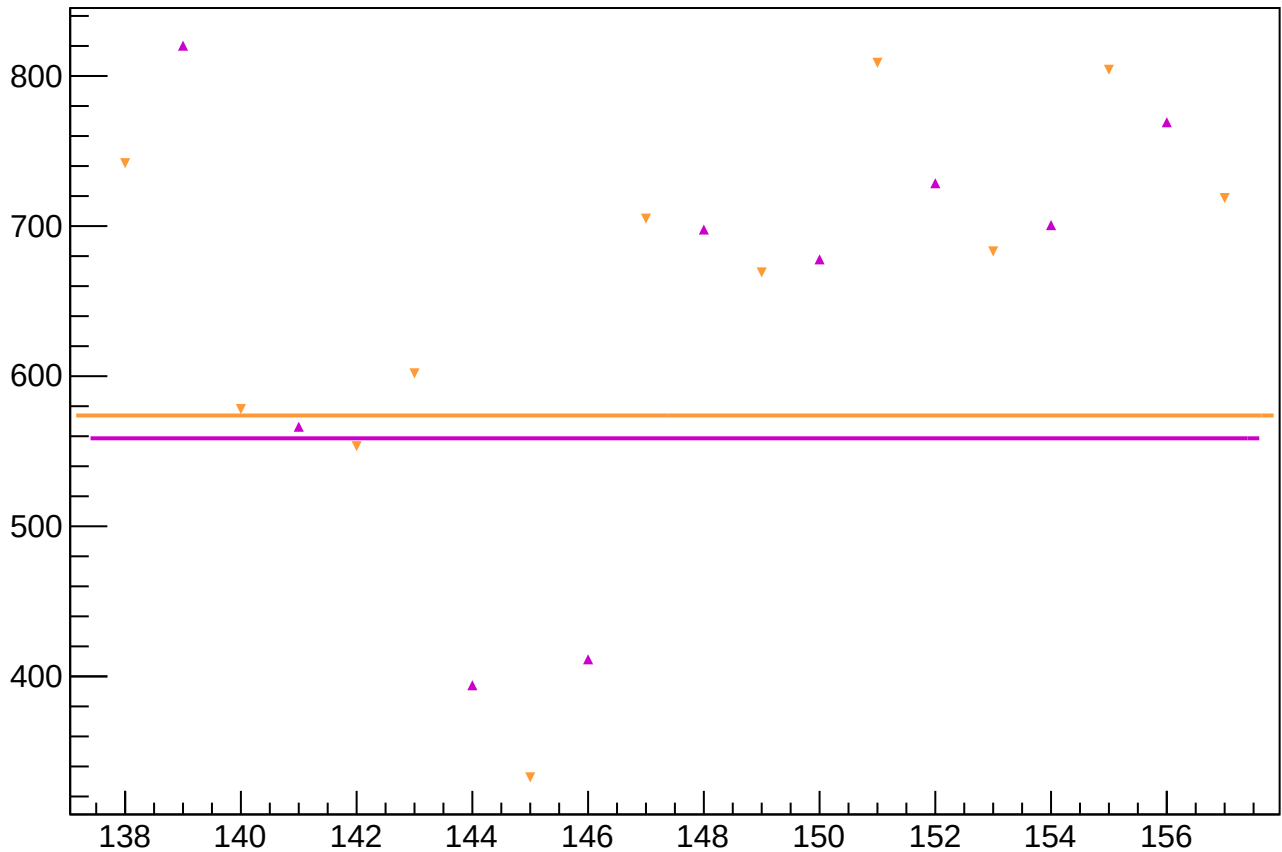
Left In: 76.700+/-213.422 χ^2/NDF :8.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.654+/-150.227 χ^2/NDF : 47.9/19

- 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

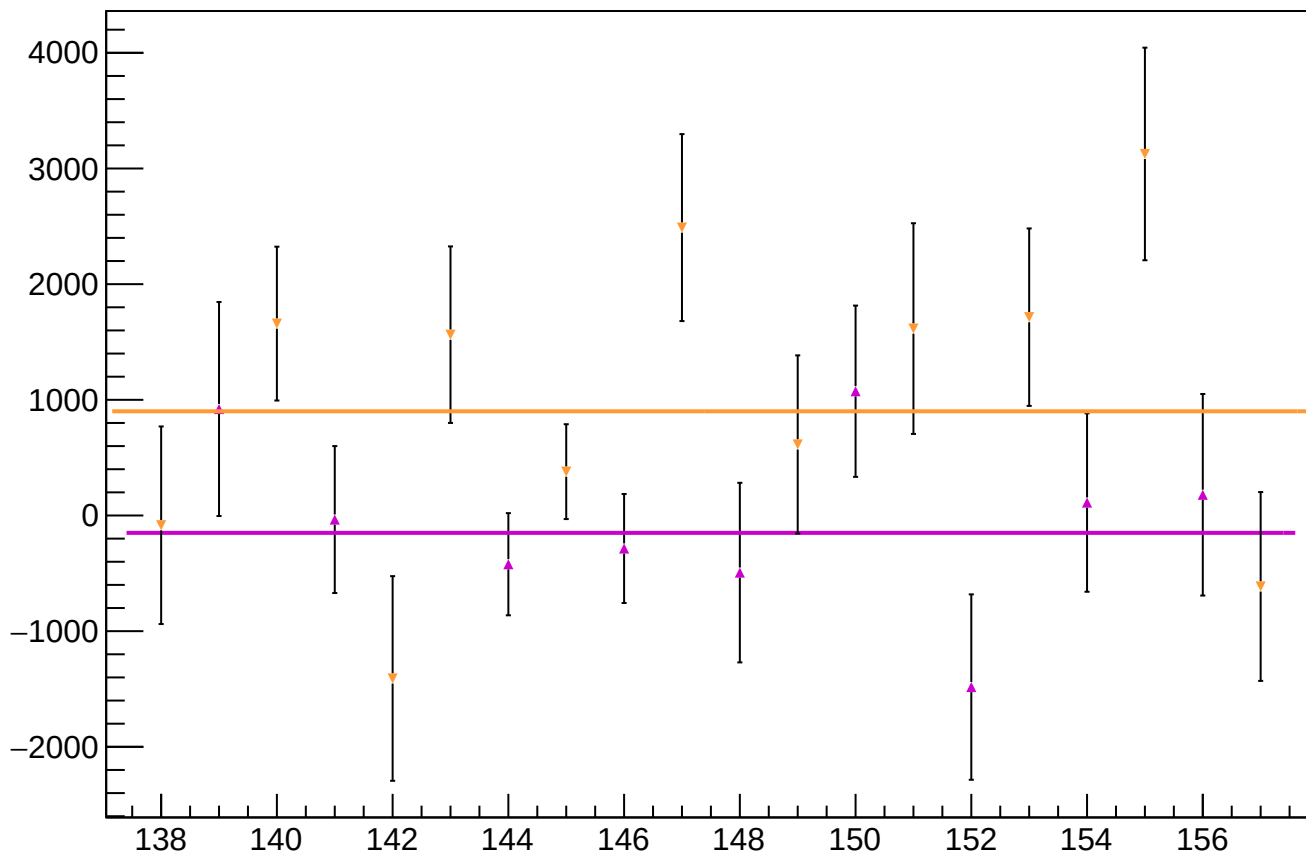
Left In: 558.618+/-0.151 χ^2/NDF :1047141.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.285+/-0.106 χ^2/NDF : 2343495.2/19

- 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

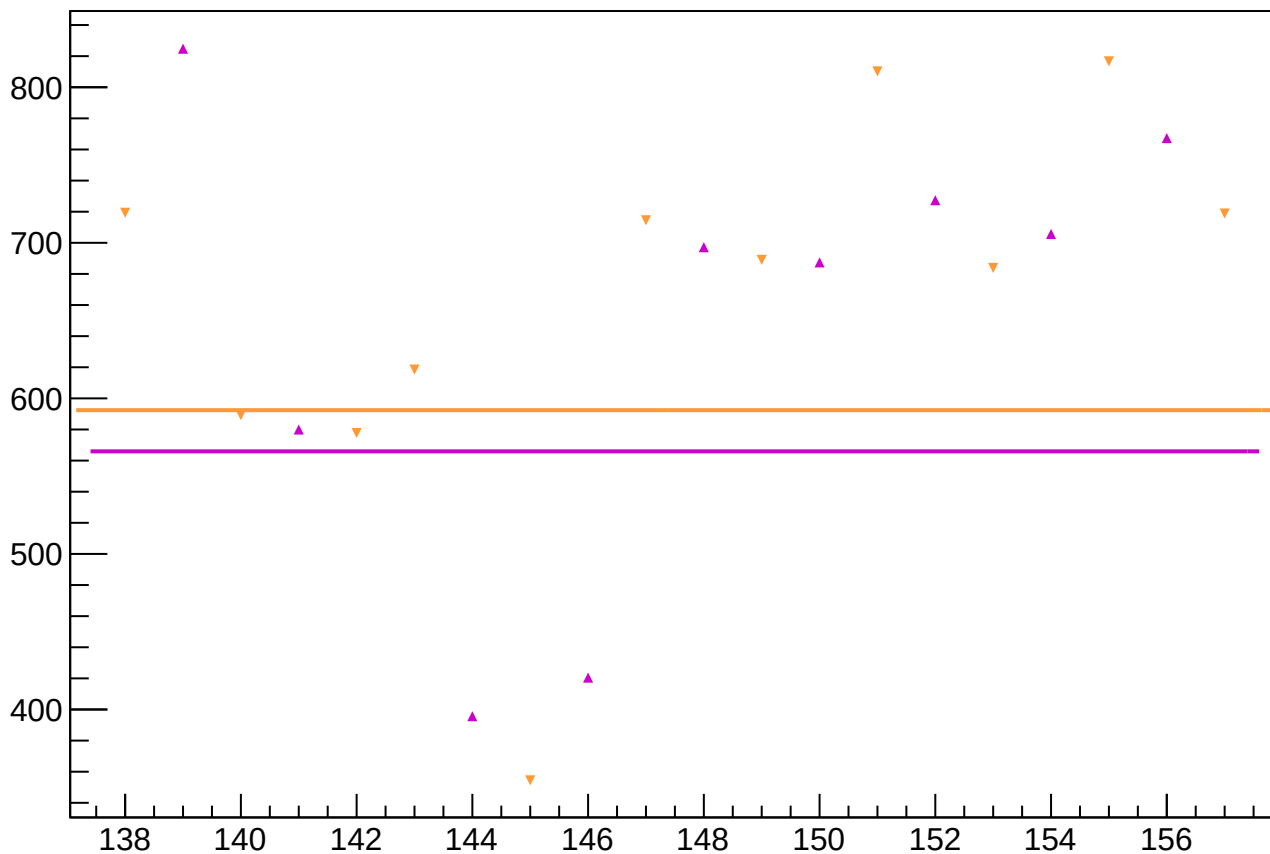
Left In: -150.224+/-216.591 χ^2/NDF : 7.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.128+/-153.036 χ^2/NDF : 46.4/19

- 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

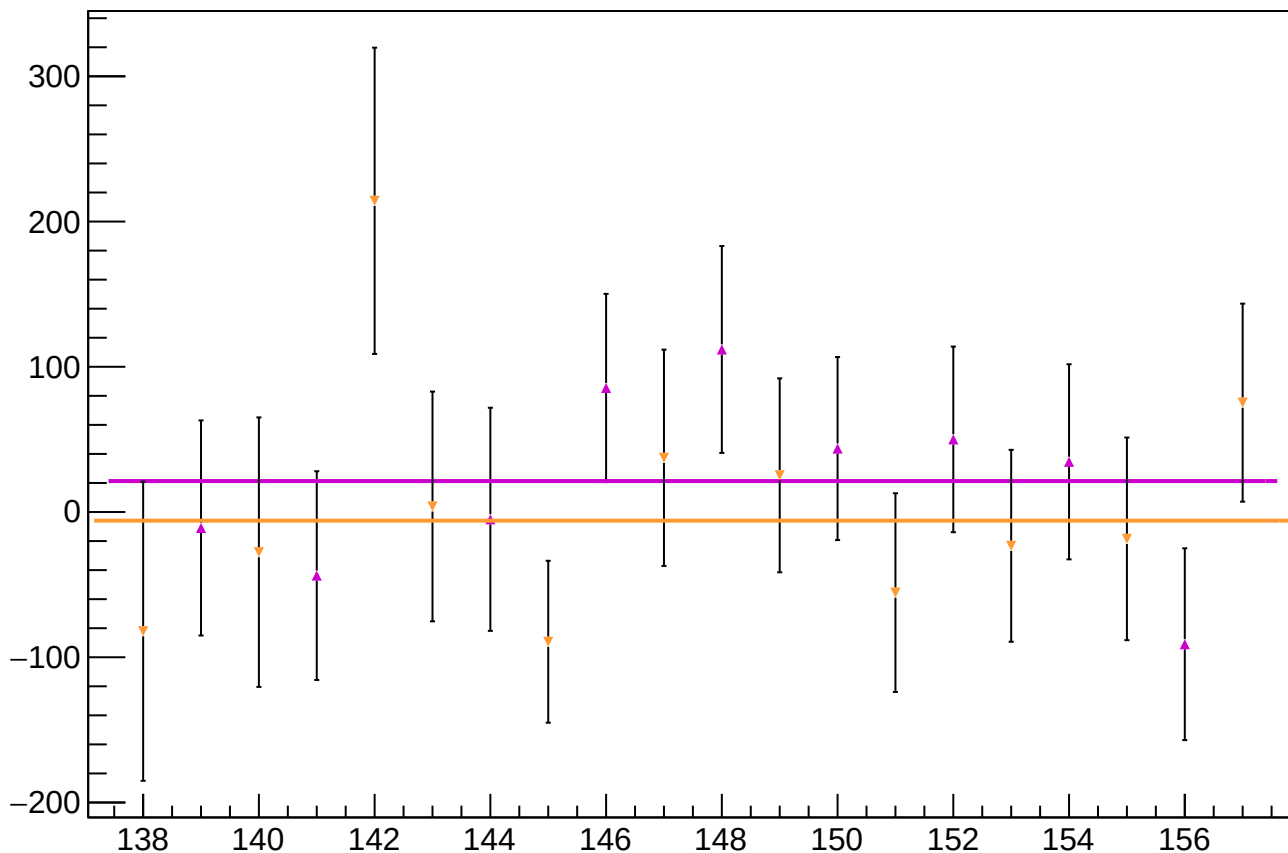
Left In: 565.944+/-0.153 χ^2/NDF :1010047.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.200+/-0.108 χ^2/NDF : 2132665.4/19

- 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

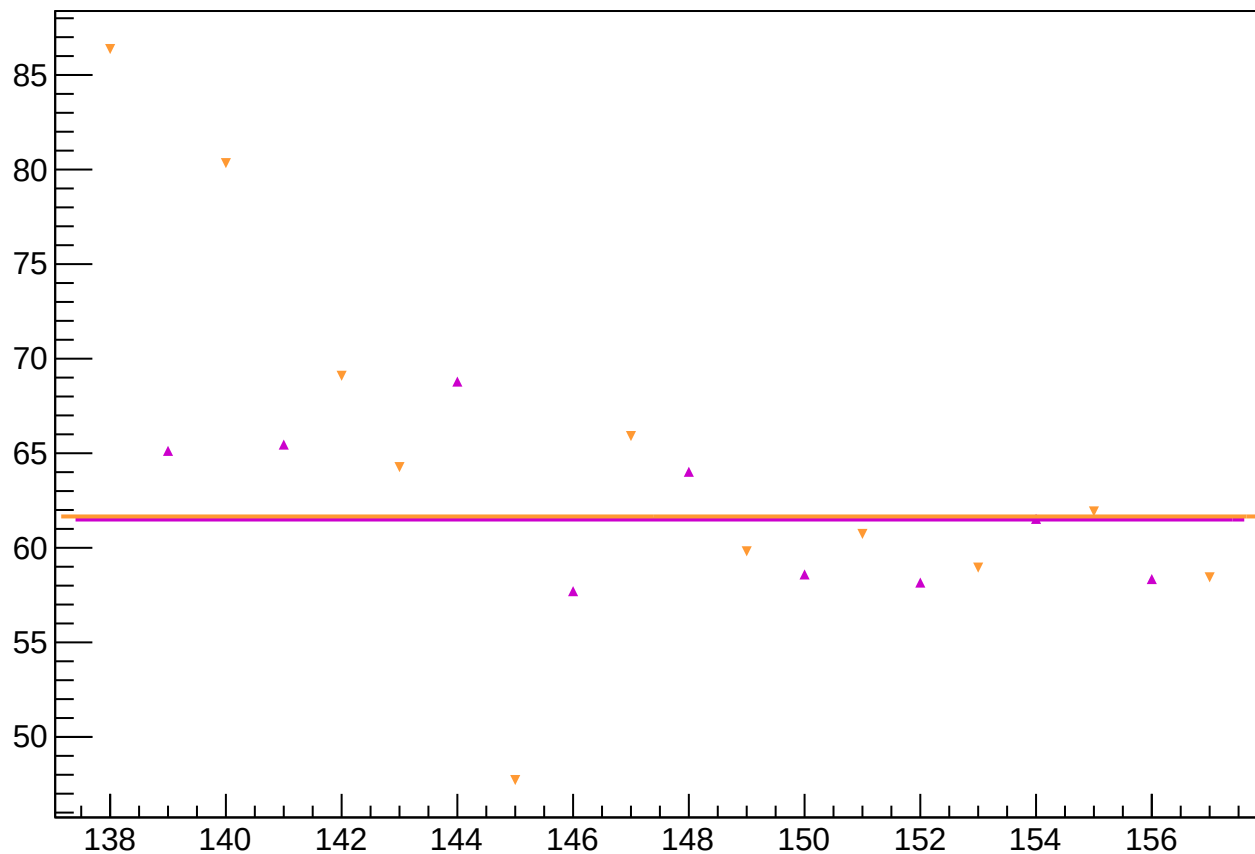
Left In: 21.318+/-22.772 χ^2/NDF : 7.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.273+/-15.854 χ^2/NDF : 17.5/19

- 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

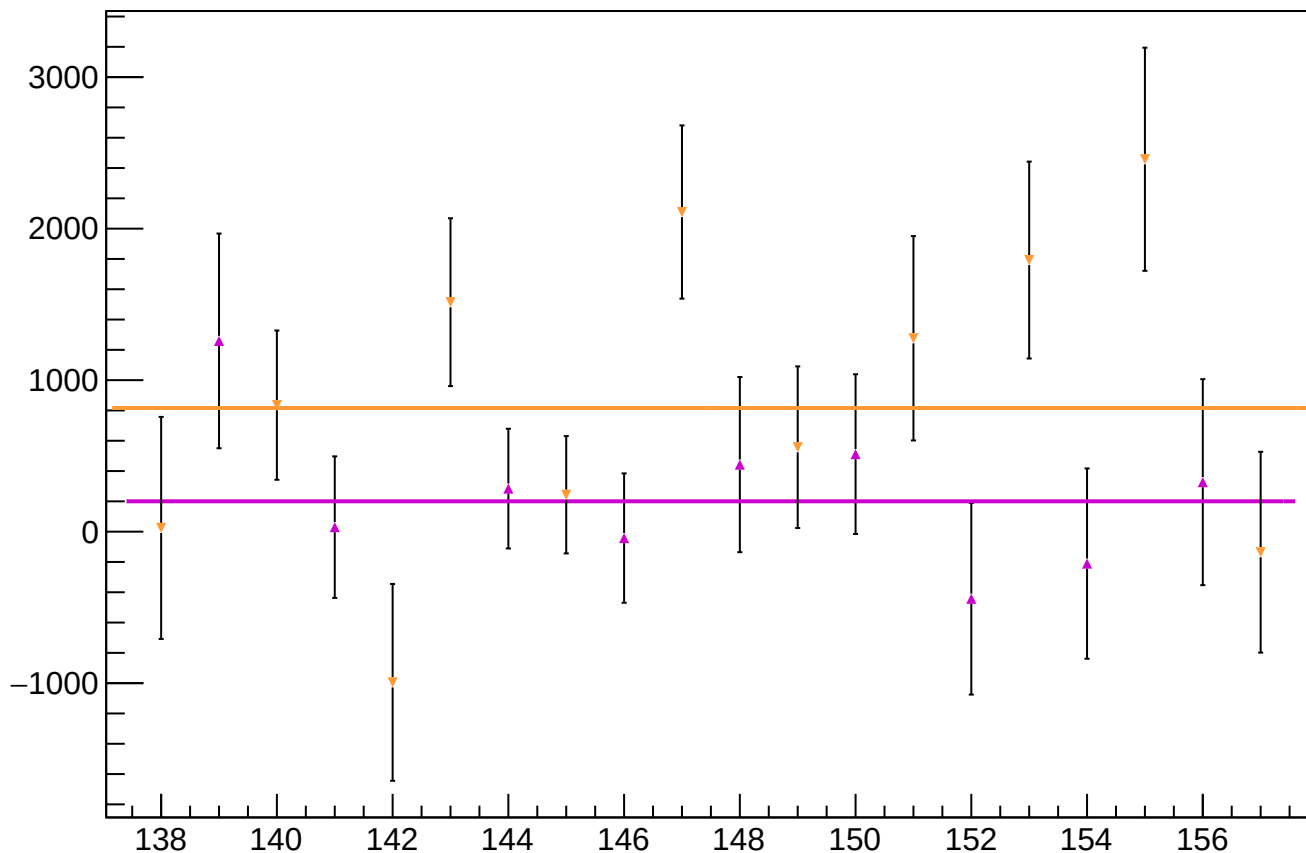
Left In: 61.496+/-0.016 χ^2/NDF :52497.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.579+/-0.011 χ^2/NDF : 402172.7/19

- 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

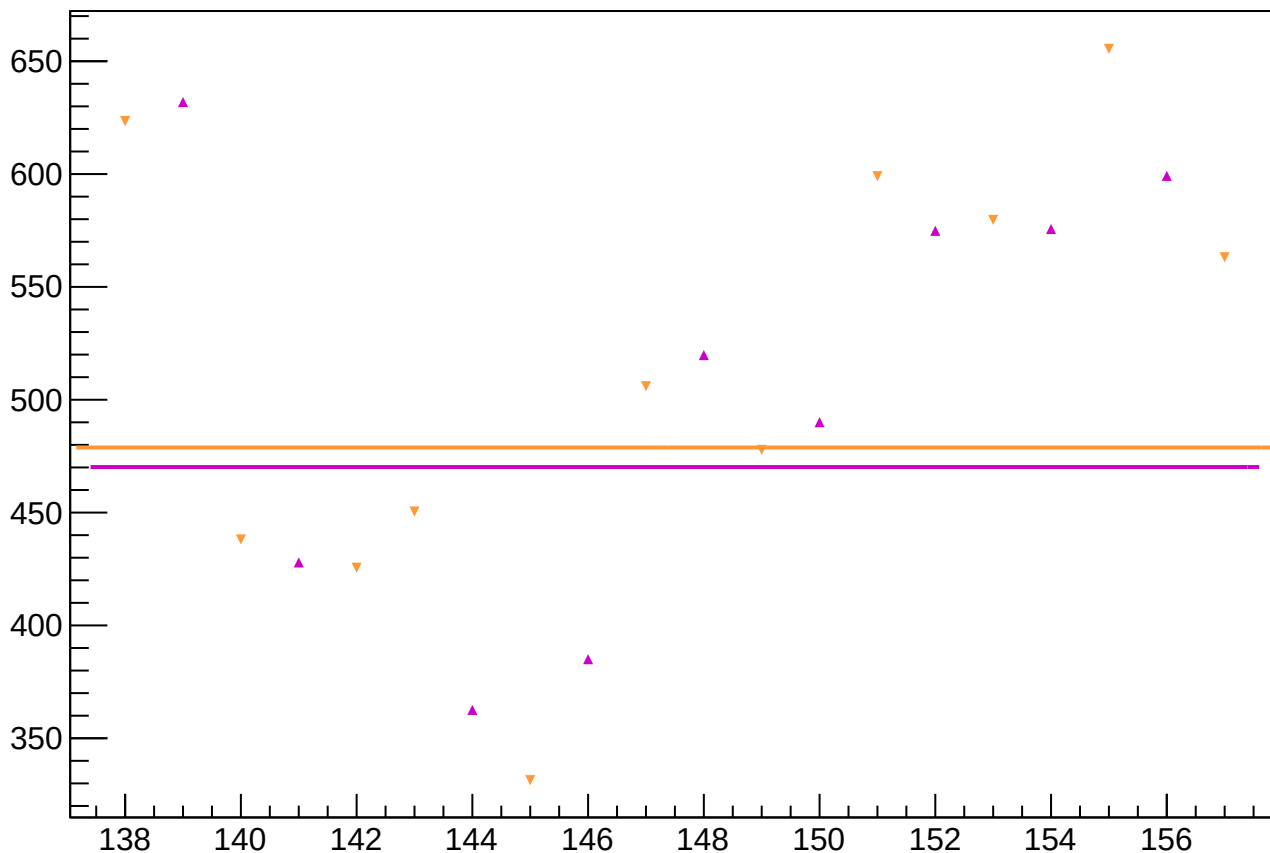
Left In: 200.349+/-176.072 χ^2/NDF : 4.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.288+/-123.277 χ^2/NDF : 38.8/19

- 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

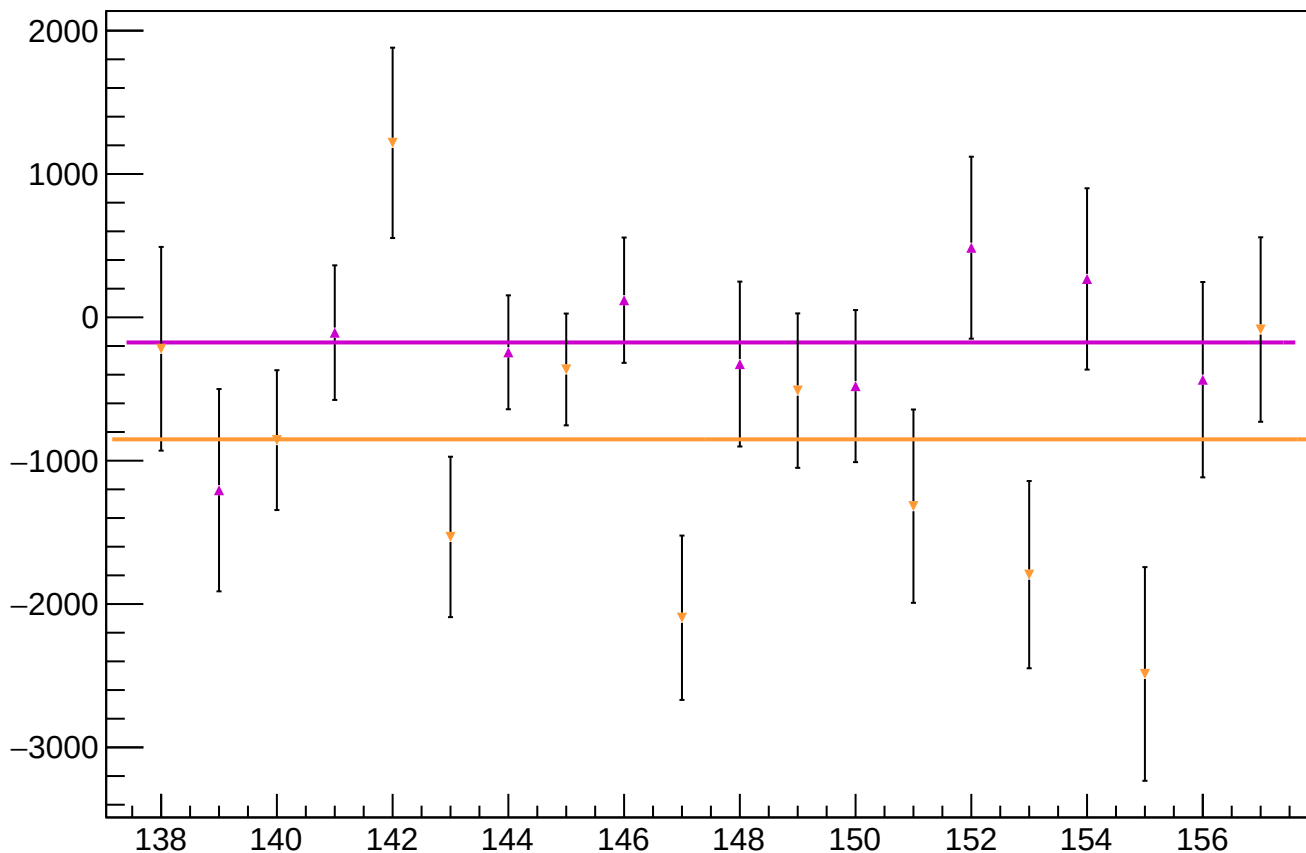
Left In: 470.184+/-0.125 χ^2/NDF : 549248.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.593+/-0.087 χ^2/NDF : 1215629.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -851.024+/-172.853 χ^2/NDF :27.5/10

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

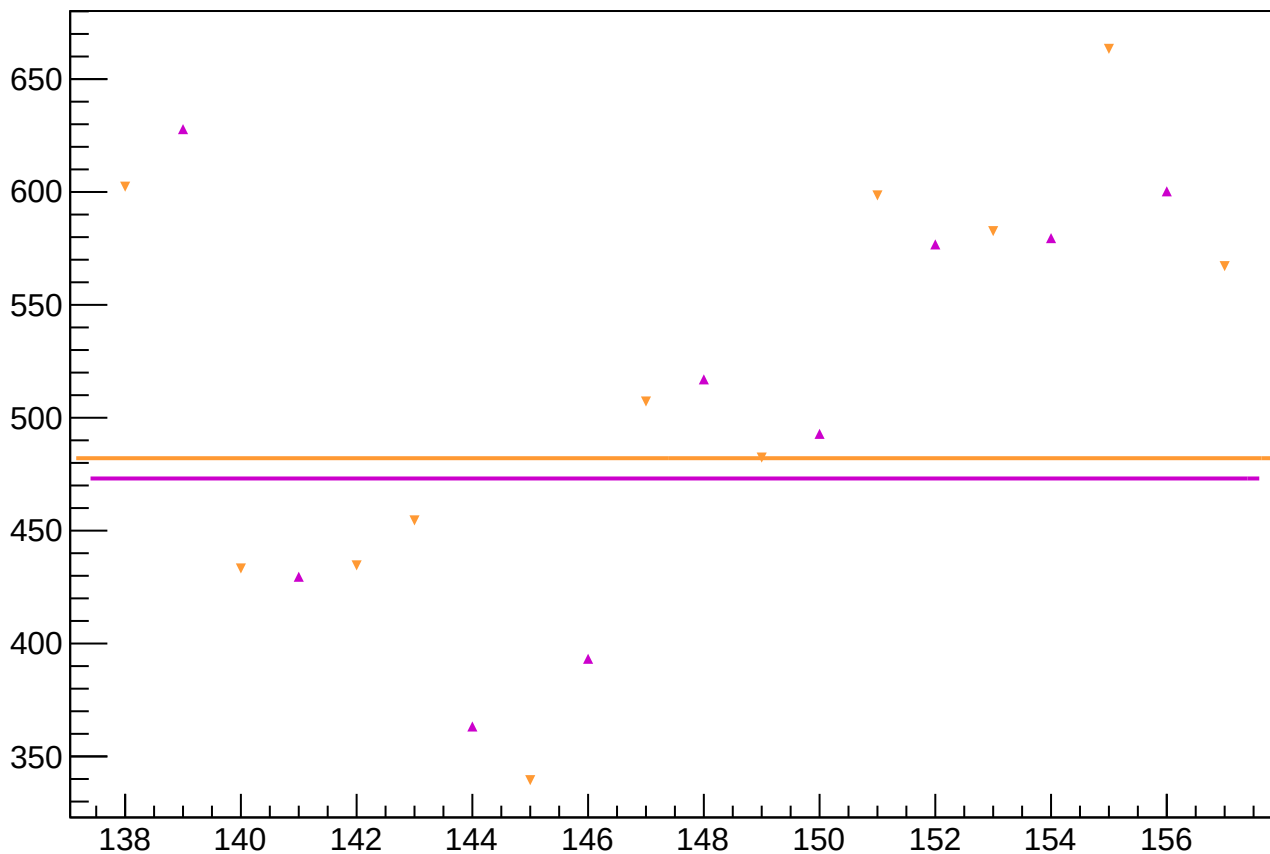
Left In: -175.153+/-177.261 χ^2/NDF :4.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.597+/-123.754 χ^2/NDF : 39.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 482.083+/-0.122 χ^2/NDF : 624052.5/10

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

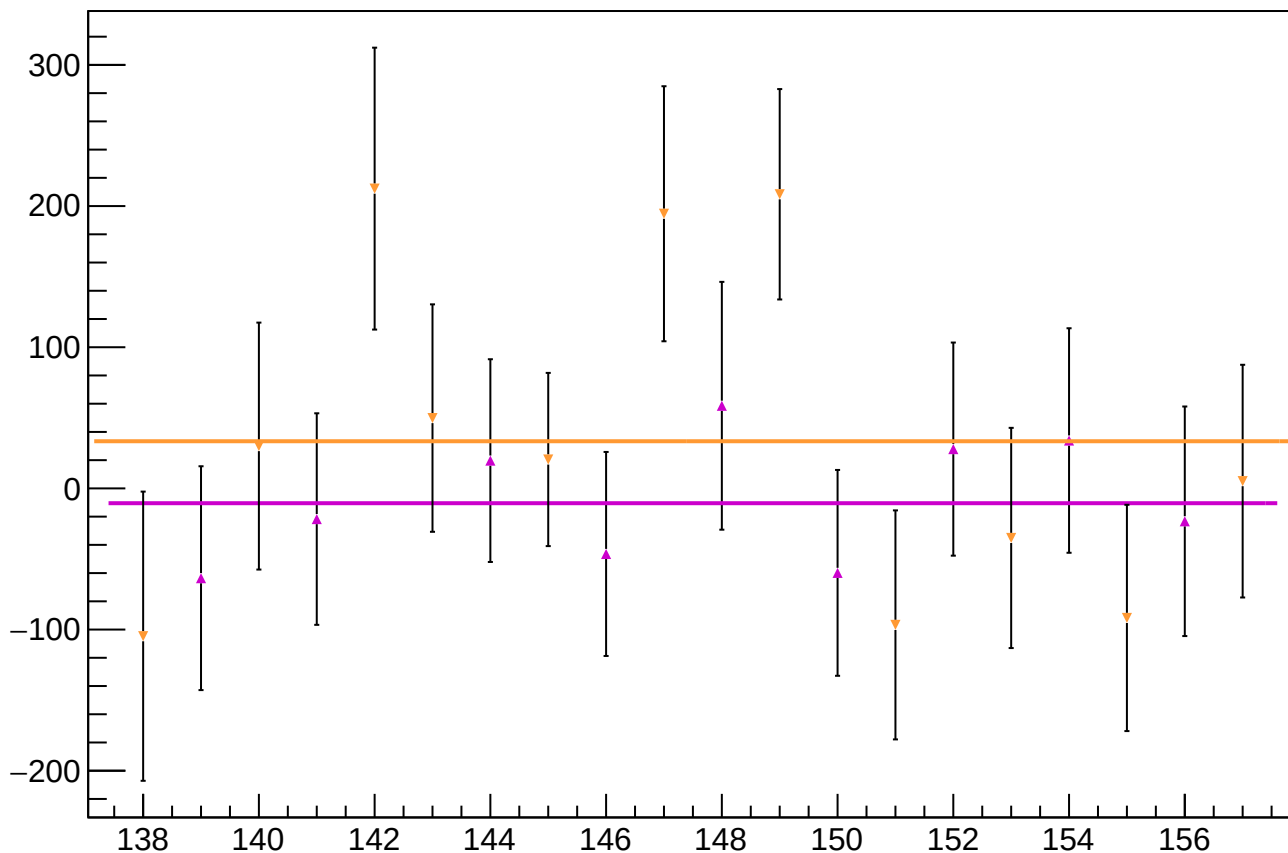
Left In: 473.102+/-0.125 χ^2/NDF : 527099.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.706+/-0.088 χ^2/NDF : 1153783.4/19

- 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

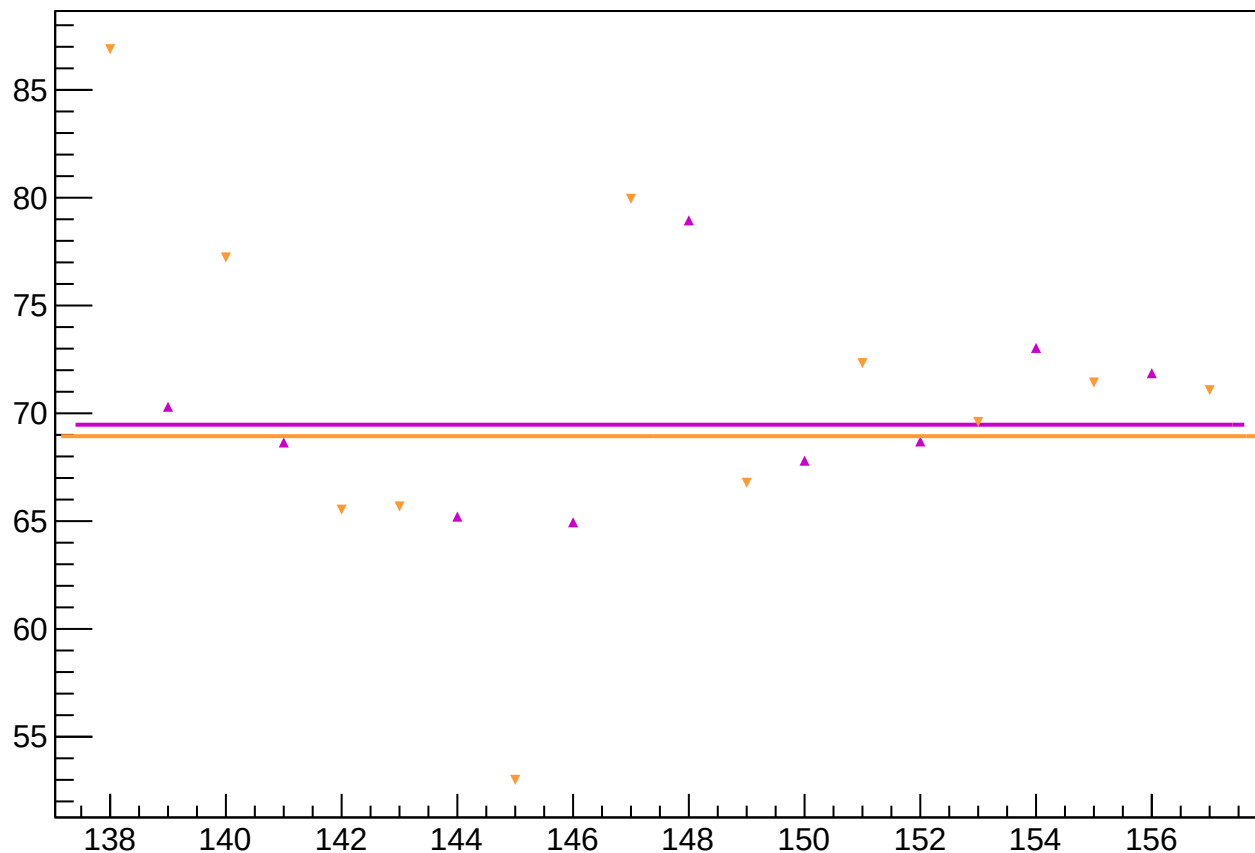
Left In: -10.488 $\pm$ 25.605 χ^2 /NDF:2.6/8

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

All: 12.438 $\pm$ 17.697 χ^2 /NDF: 23.8/19

- 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

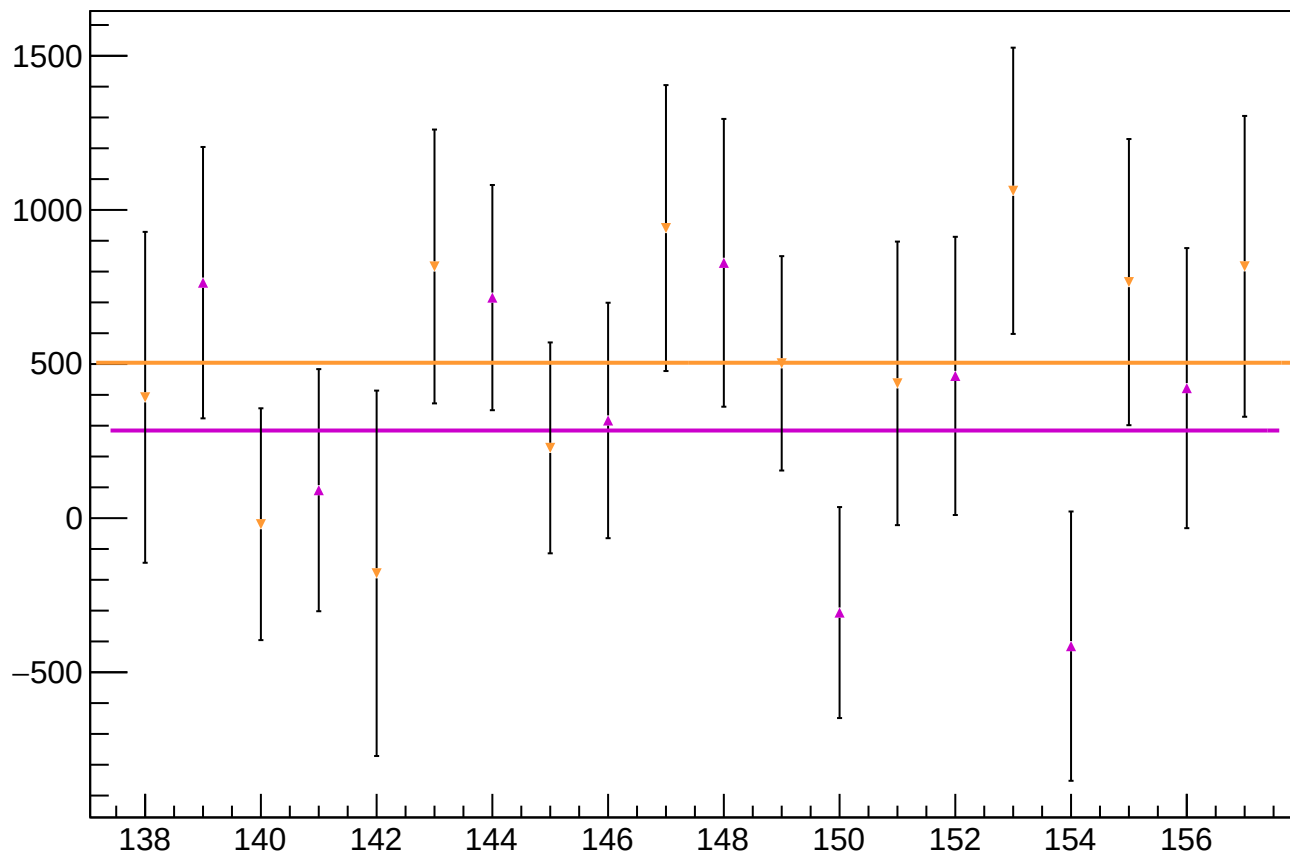
Left In: 69.472+/-0.018 χ^2/NDF : 45662.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.194+/-0.013 χ^2/NDF : 304348.5/19

- 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

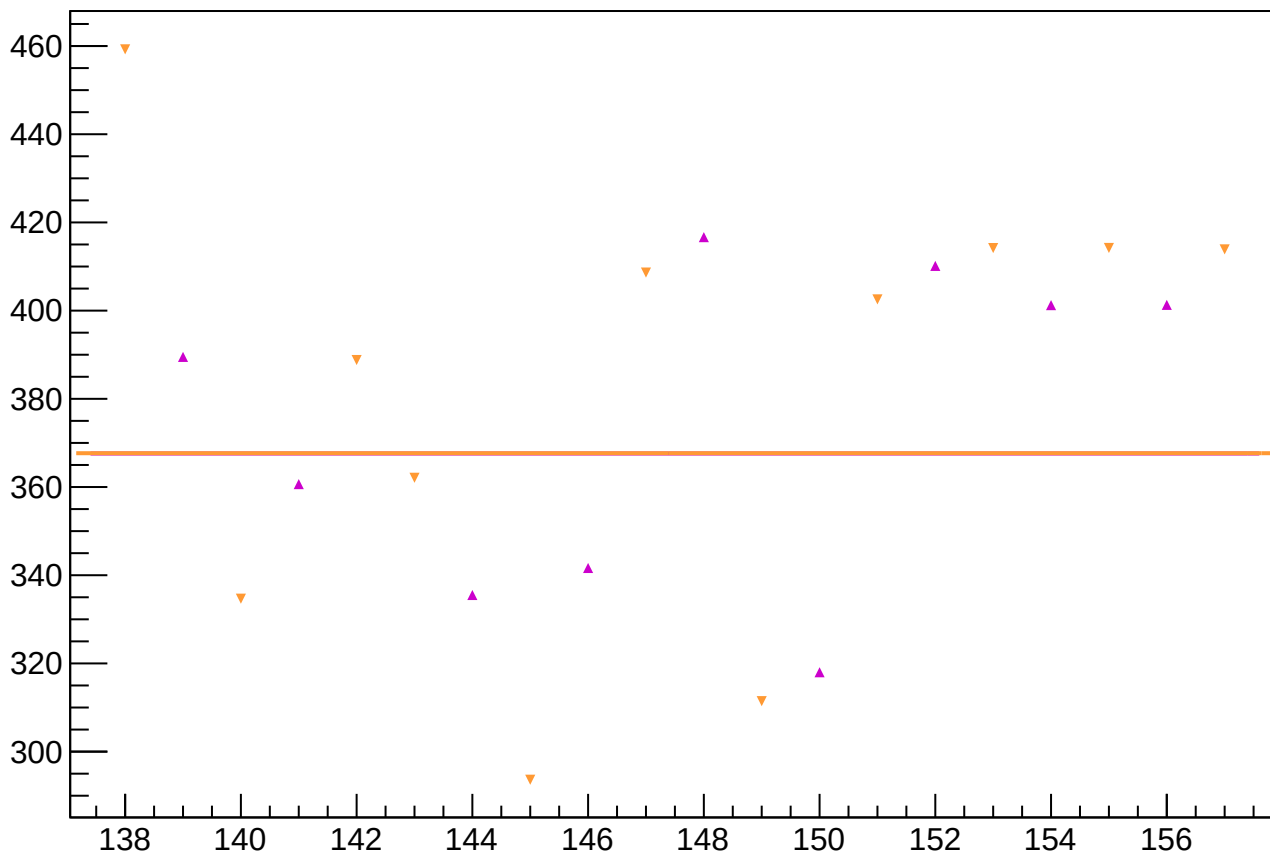
Left In: 284.352+/-135.947 χ^2/NDF : 10.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.205+/-94.395 χ^2/NDF : 18.9/19

- 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

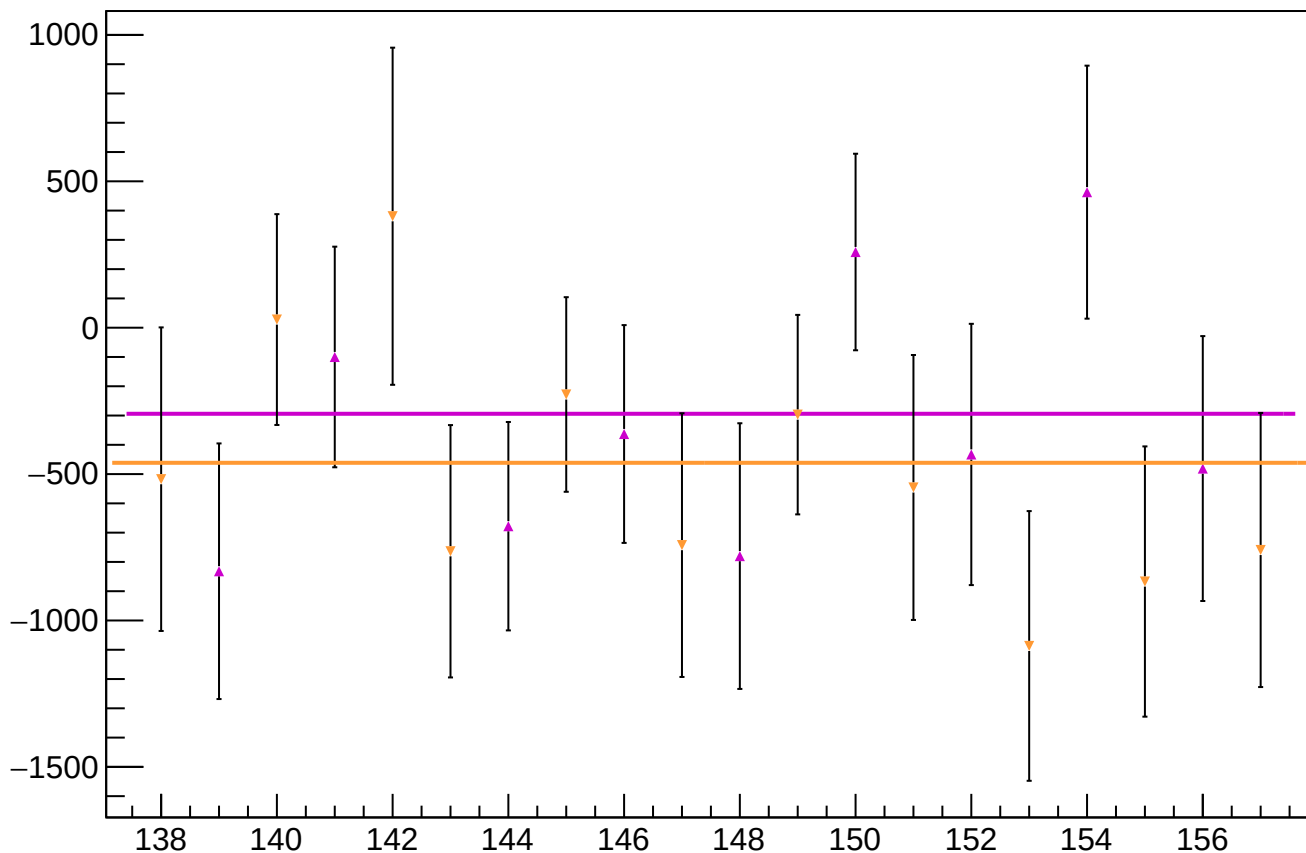
Left In: 367.600+/-0.096 χ^2/NDF : 134979.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.635+/-0.067 χ^2/NDF : 442633.0/19

- 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

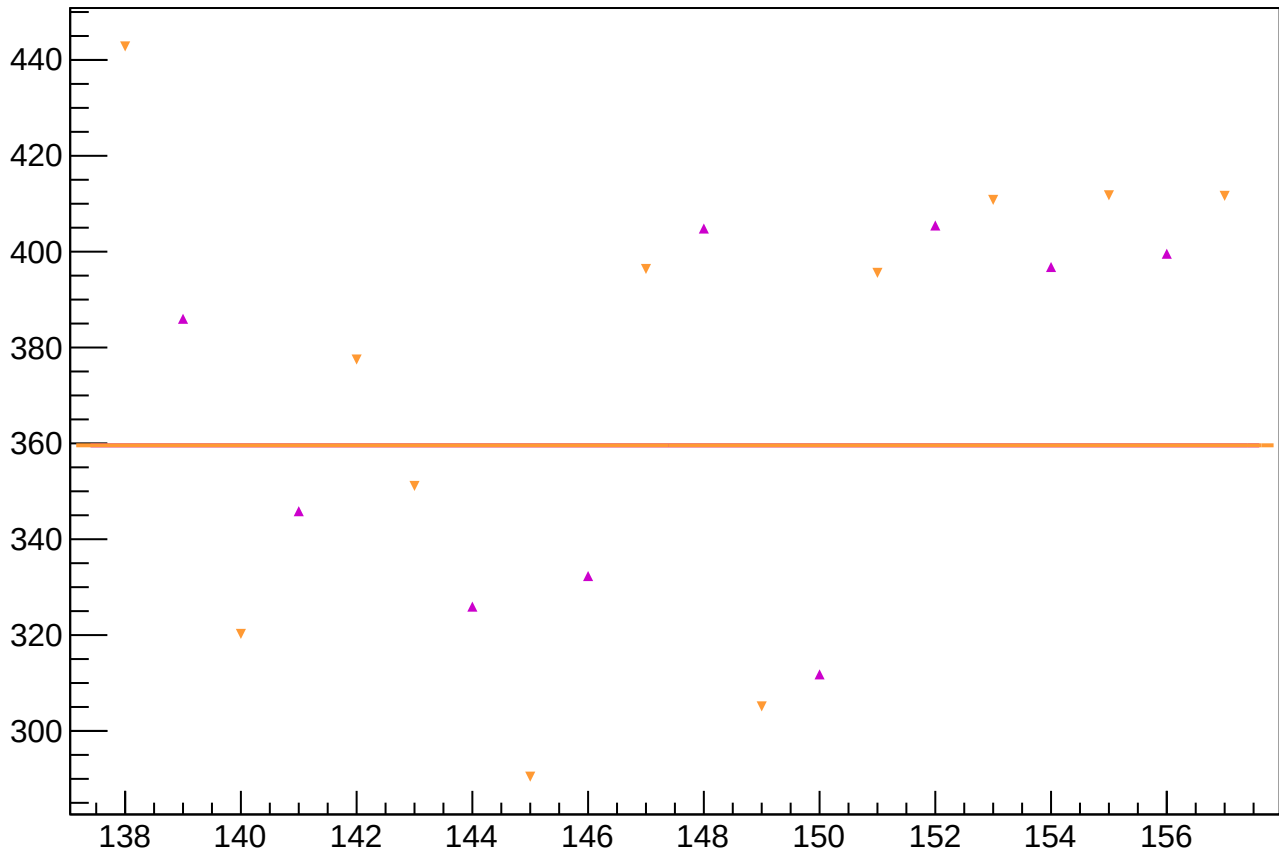
Left In: -293.999+/-133.141 χ^2/NDF : 10.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.182+/-92.173 χ^2/NDF : 19.7/19

- 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

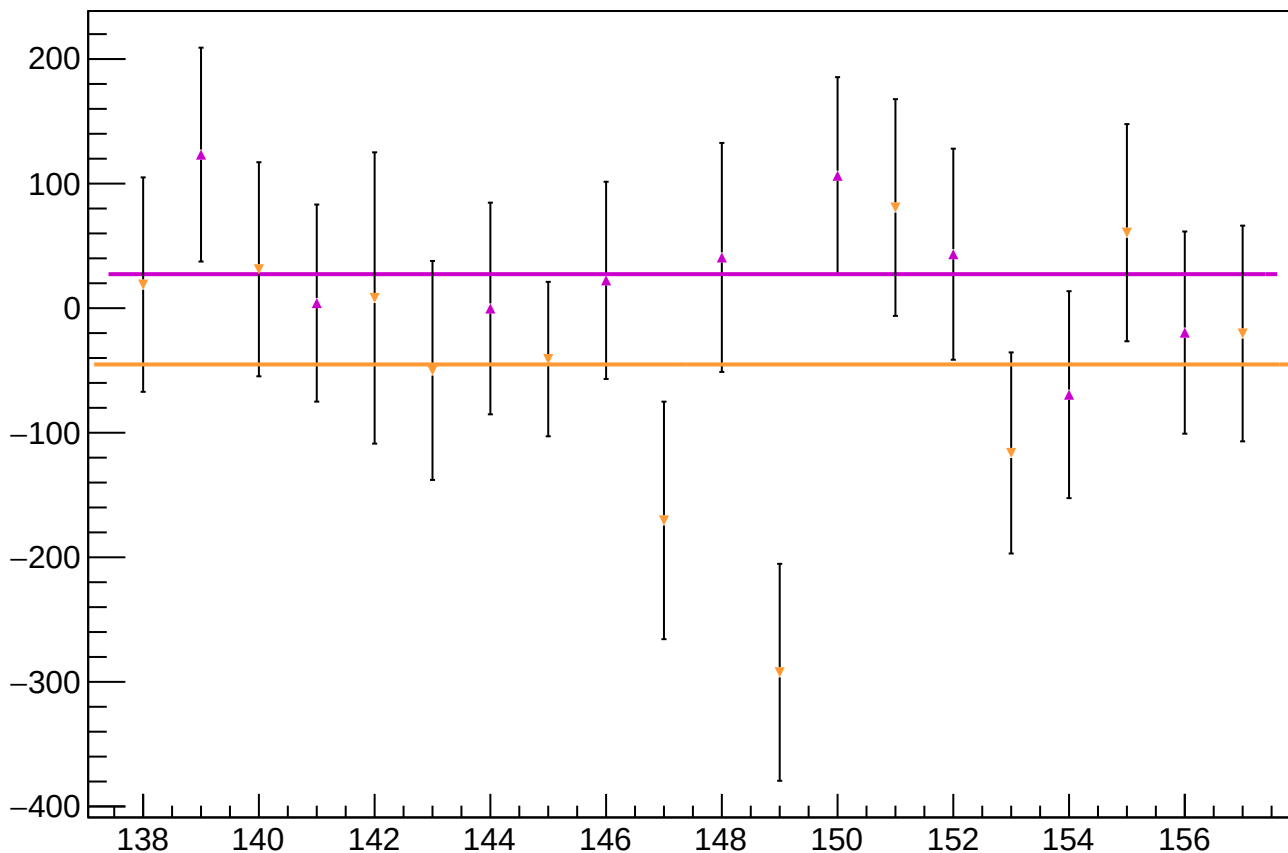
Left In: 359.586+/-0.094 χ^2/NDF : 150617.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.591+/-0.065 χ^2/NDF : 467438.9/19

- 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

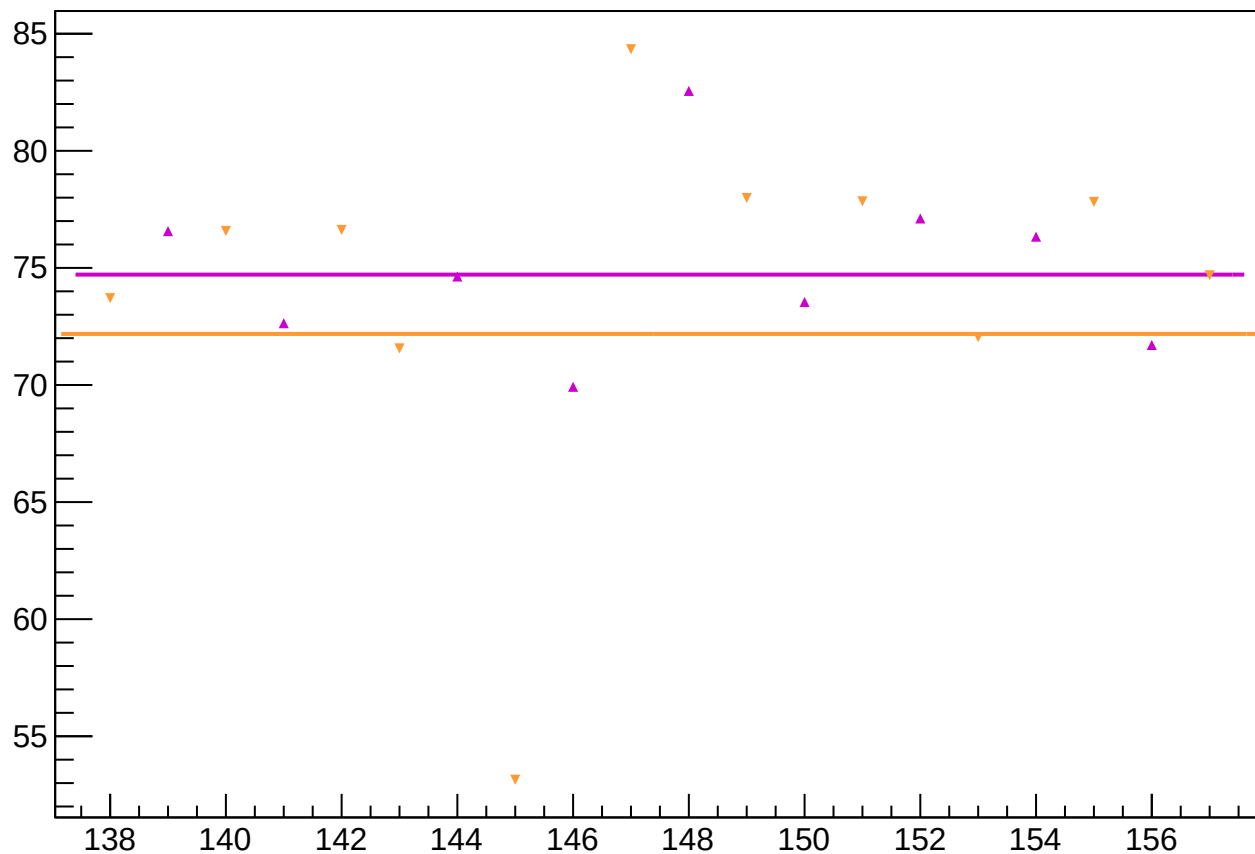
Left In: 27.298 $\pm$ 27.654 χ^2 /NDF:4.2/8

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

All: -11.725 $\pm$ 18.787 χ^2 /NDF: 23.7/19

- 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

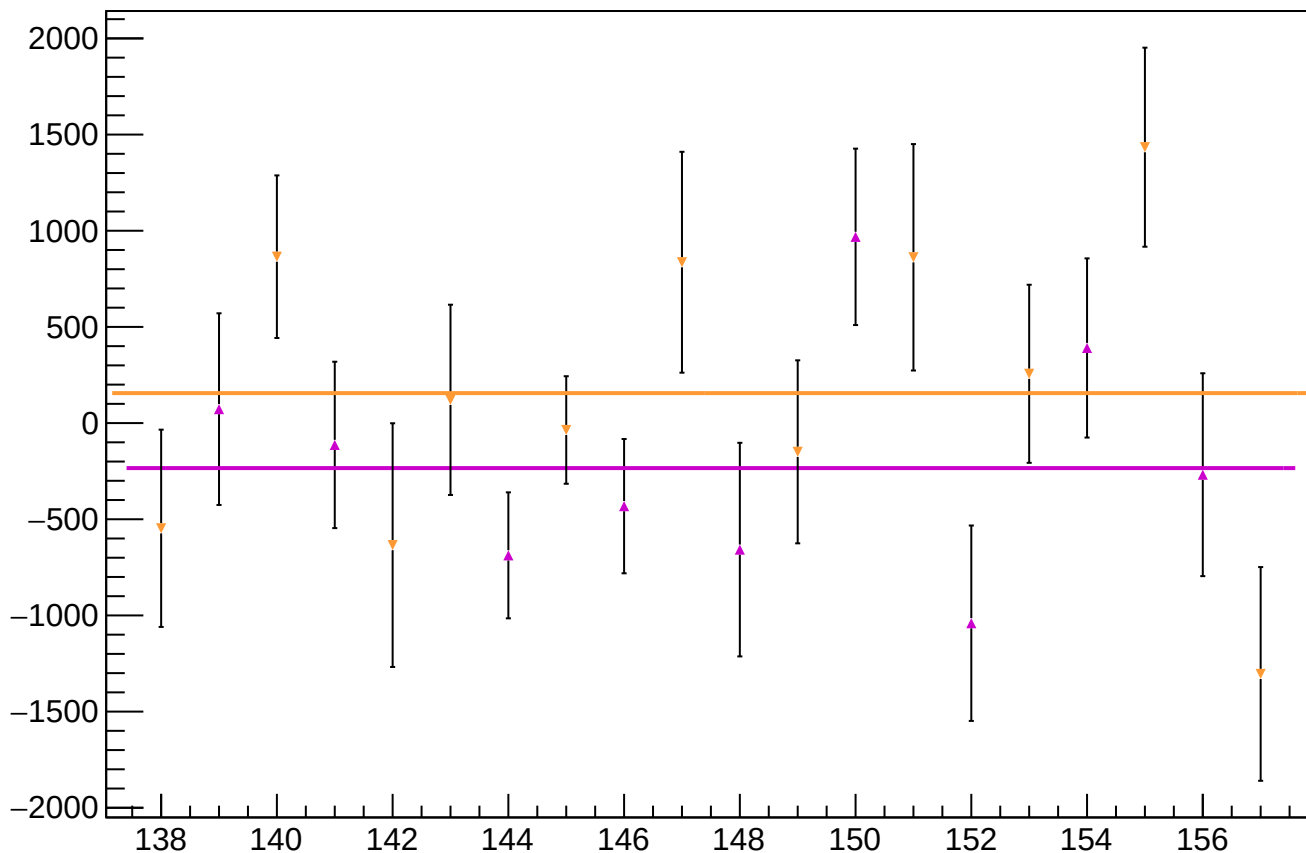
Left In: 74.714+/-0.020 χ^2/NDF : 29746.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.350+/-0.013 χ^2/NDF : 296155.7/19

- 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

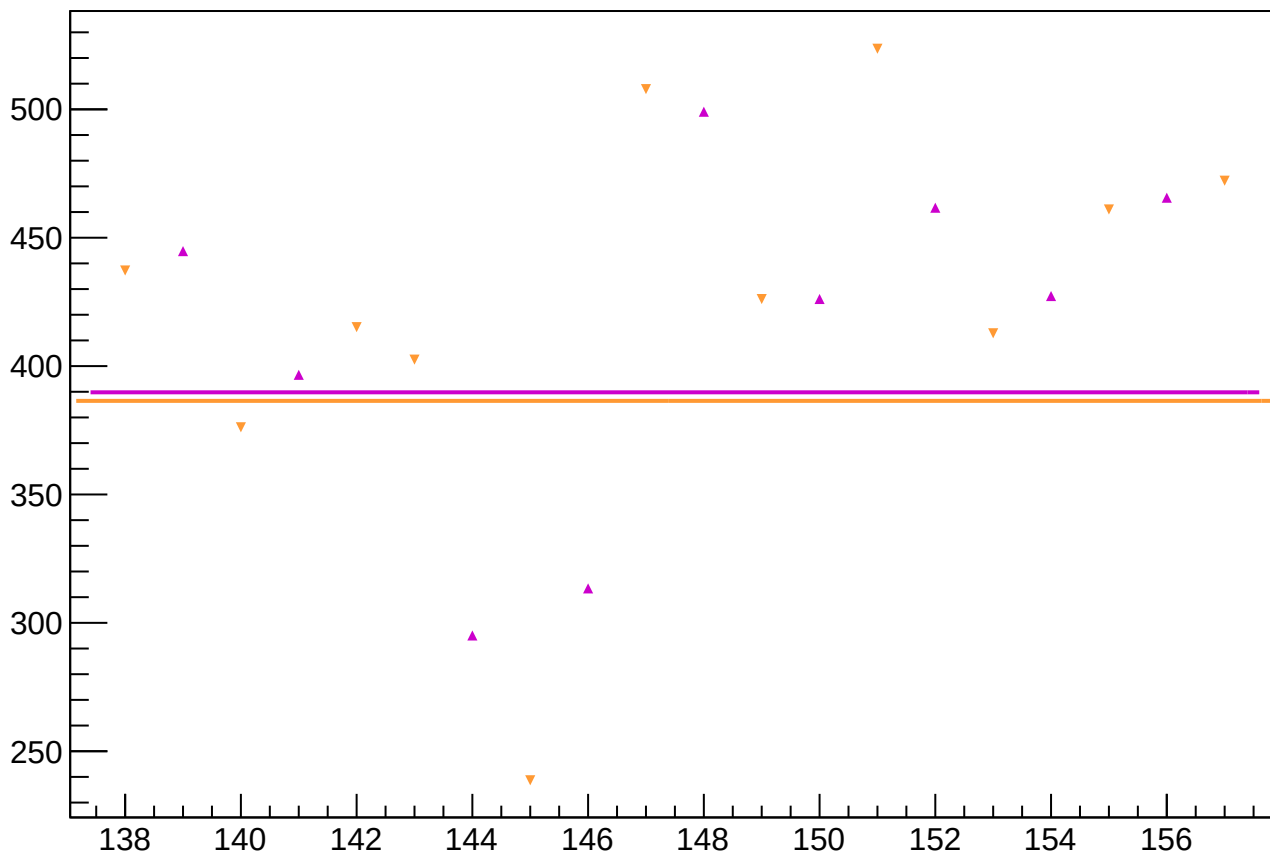
Left In: -234.016+/-145.903 χ^2/NDF : 14.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.569+/-101.154 χ^2/NDF : 41.2/19

- 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

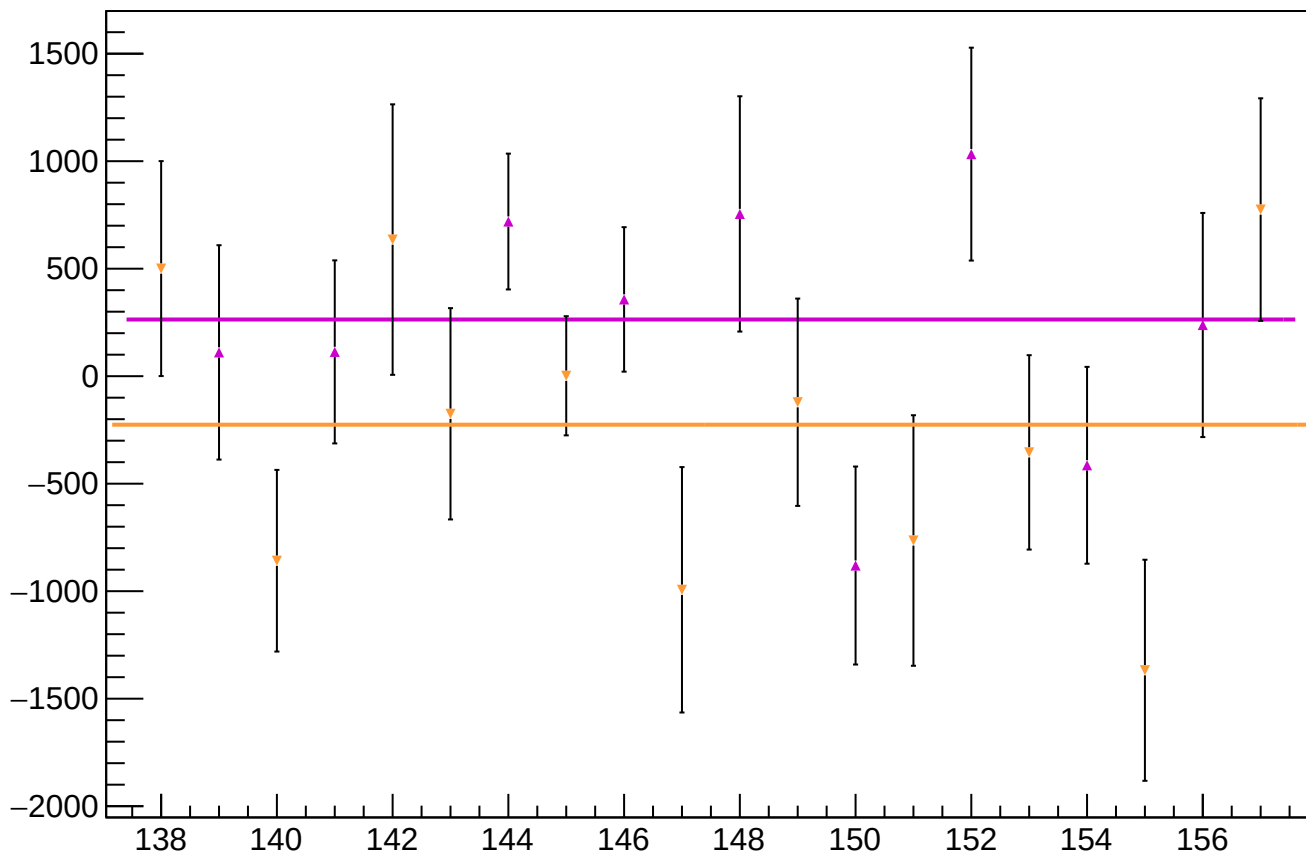
Left In: 389.791+/-0.103 χ^2/NDF : 472116.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.060+/-0.072 χ^2/NDF : 1366106.6/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -225.662 $\pm$ 138.646 χ^2/NDF : 18.4/10

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

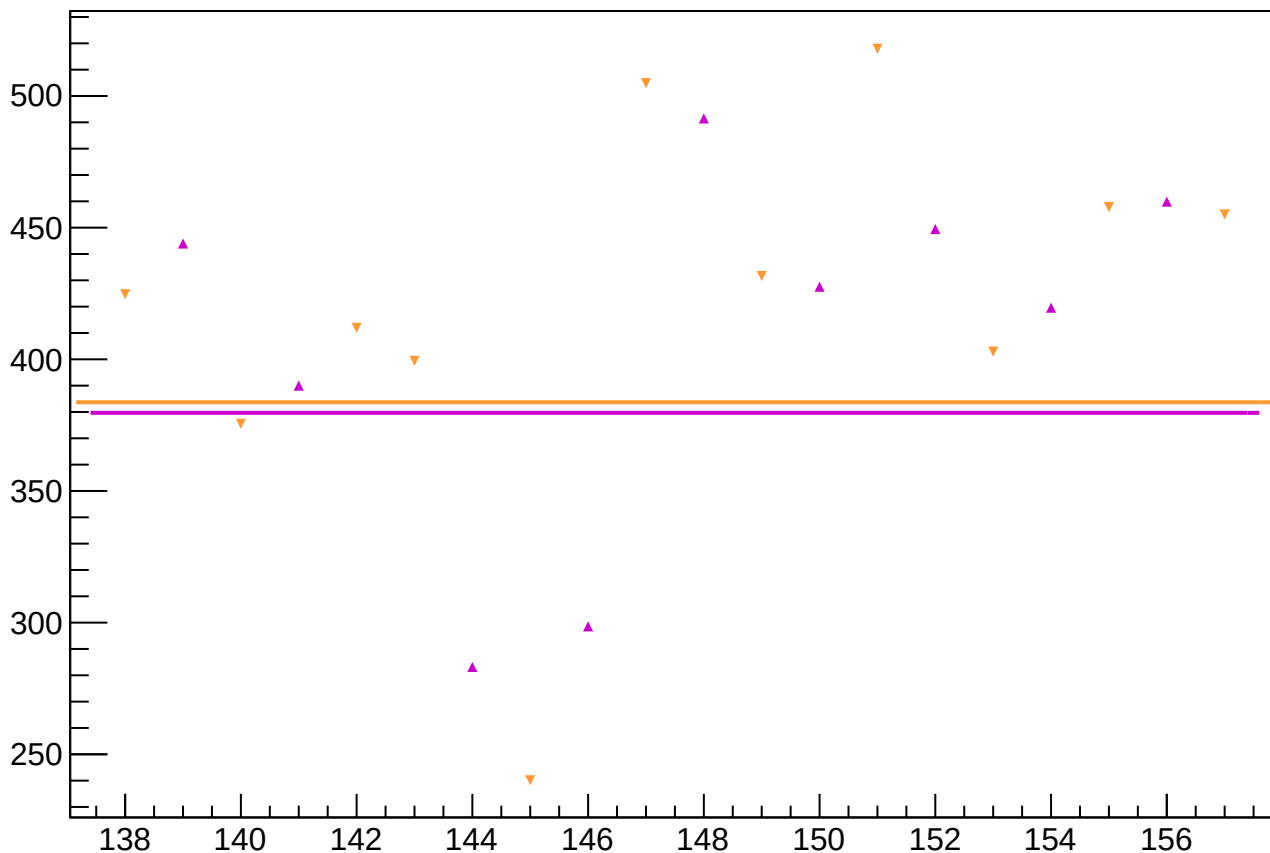
Left In: 263.620 $\pm$ 142.849 χ^2/NDF : 14.0/8

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

All: 11.676 $\pm$ 99.490 χ^2/NDF : 38.4/19

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

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 383.696+/-0.098 χ^2/NDF :856428.4/10

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

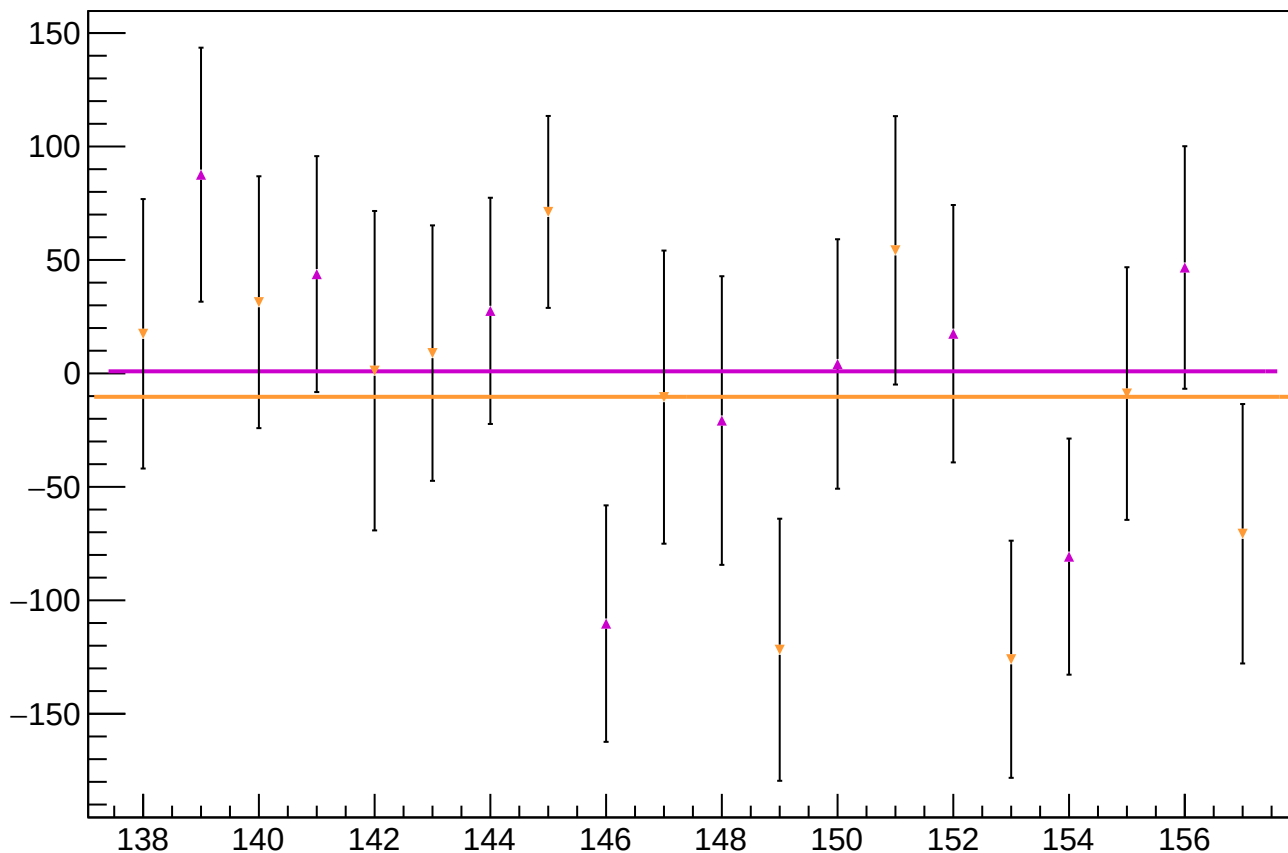
Left In: 379.677+/-0.101 χ^2/NDF :545052.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.747+/-0.070 χ^2/NDF : 1402296.4/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: -10.313+/-16.891 χ^2/NDF : 15.6/10

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

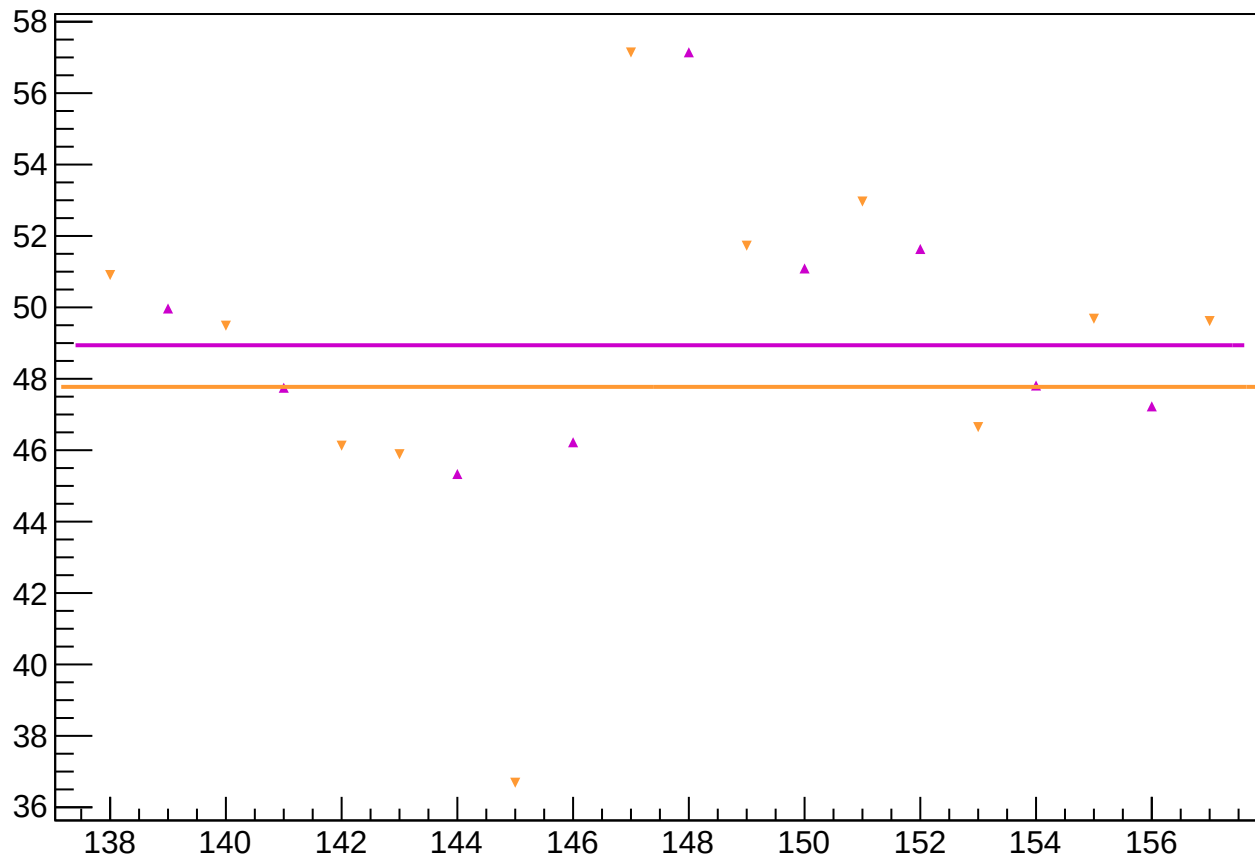
Left In: 0.920+/-18.053 χ^2/NDF : 11.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.070+/-12.334 χ^2/NDF : 27.1/19

- sign 0.000+/-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

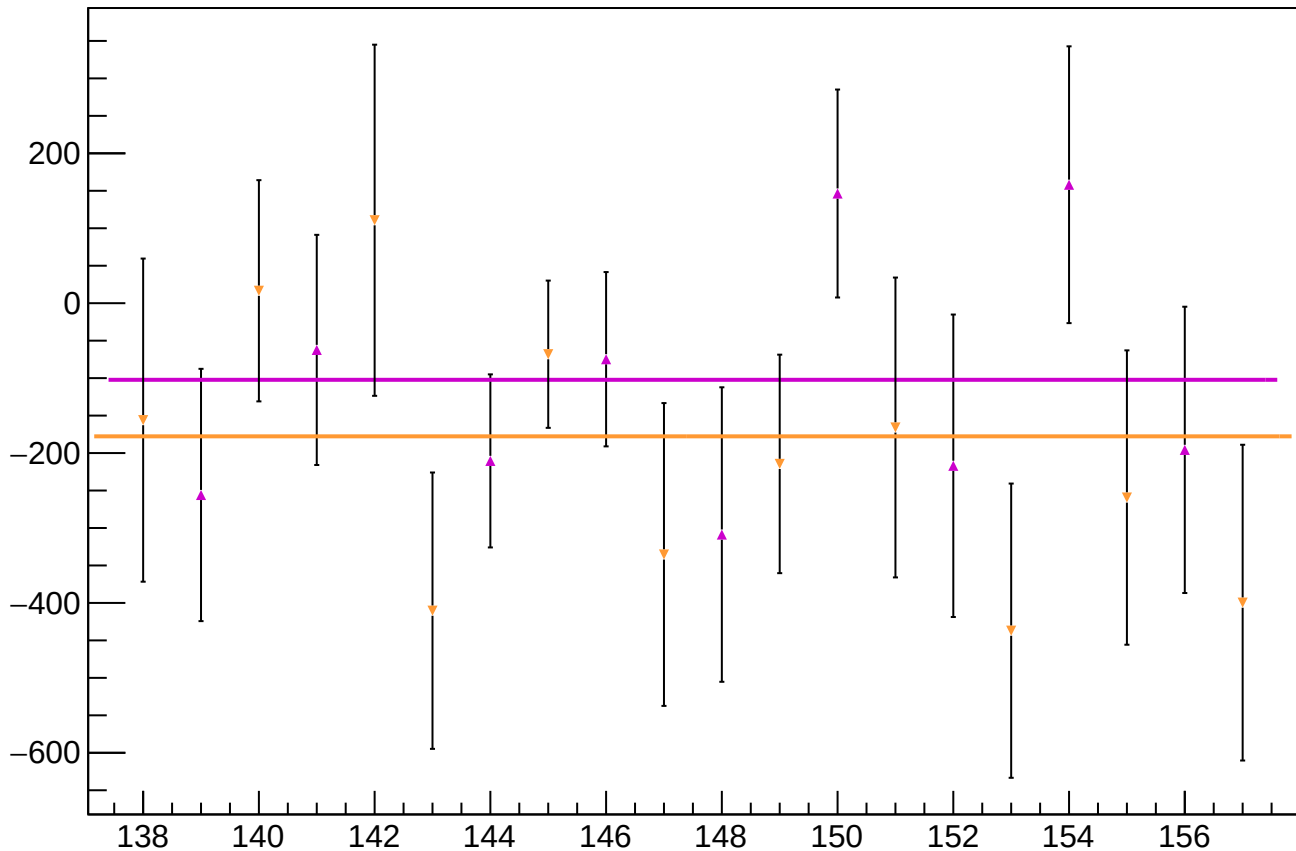
Left In: 48.940+/-0.013 χ^2/NDF : 61479.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.318+/-0.009 χ^2/NDF : 286329.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -177.689 $\pm$ 50.669 χ^2/NDF : 9.8/10

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

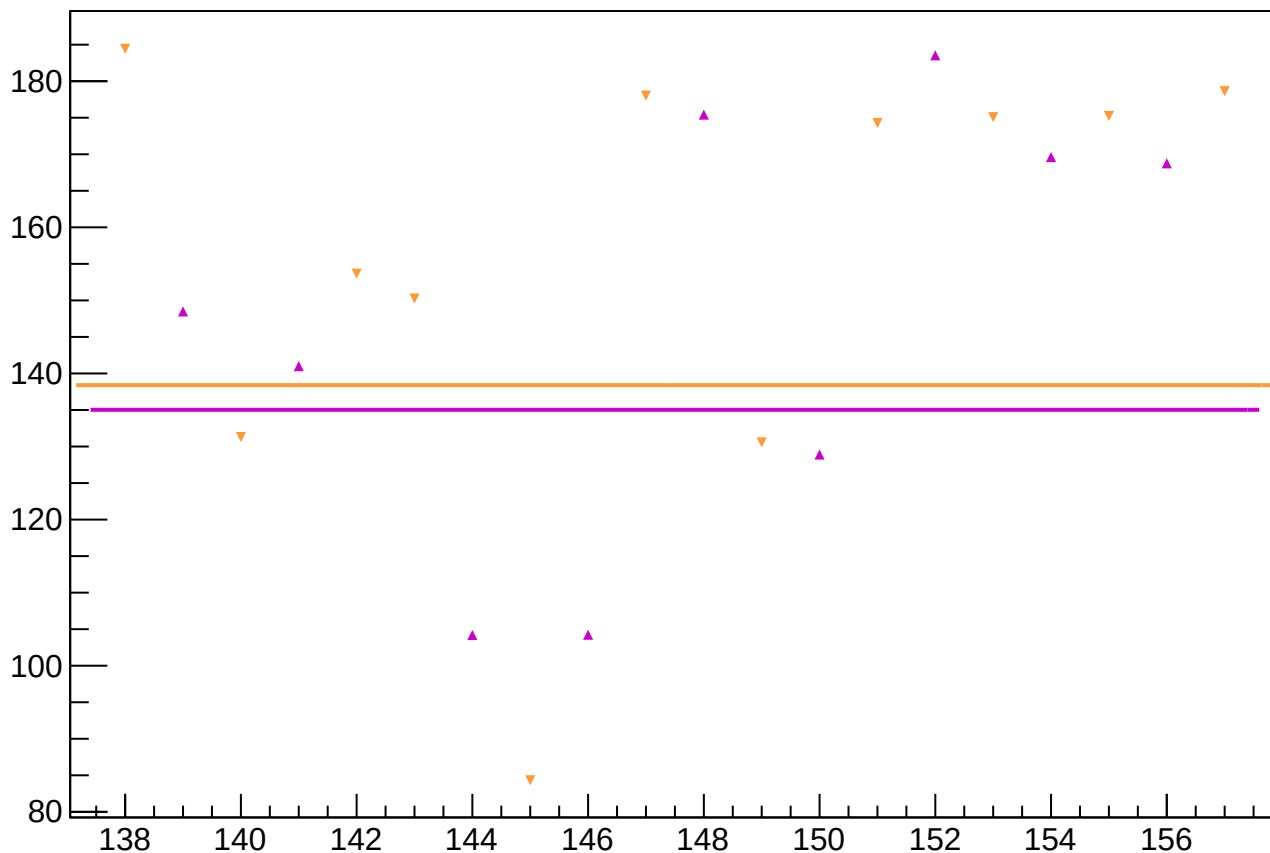
Left In: -102.236 $\pm$ 50.919 χ^2/NDF : 8.7/8

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

All: -140.149 $\pm$ 35.917 χ^2/NDF : 19.6/19

- sign 0.000 $\pm$ 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

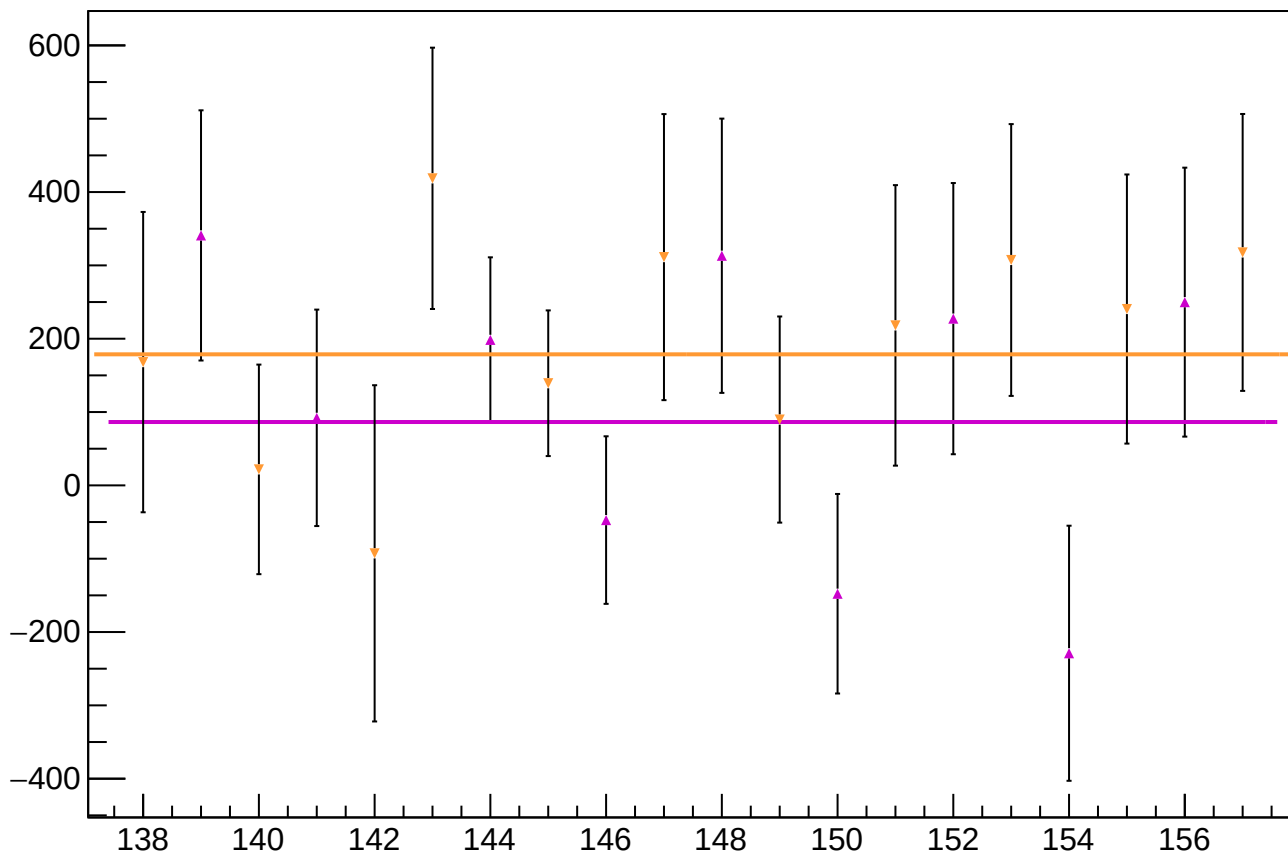
Left In: 135.027+/-0.036 χ^2/NDF : 634851.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.722+/-0.025 χ^2/NDF : 1717762.0/19

- 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

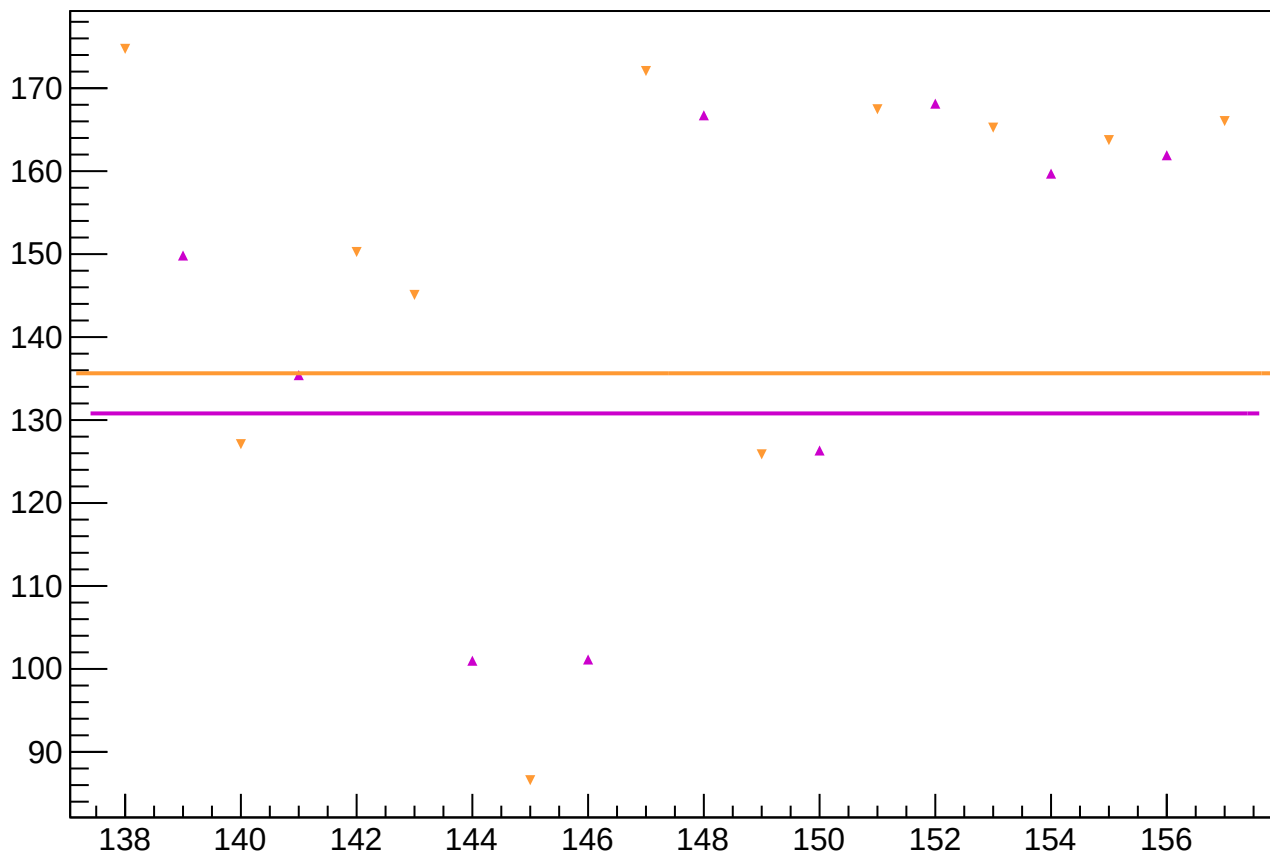
Left In: 86.403+/-49.359 χ^2/NDF : 13.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.856+/-34.789 χ^2/NDF : 22.1/19

- 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

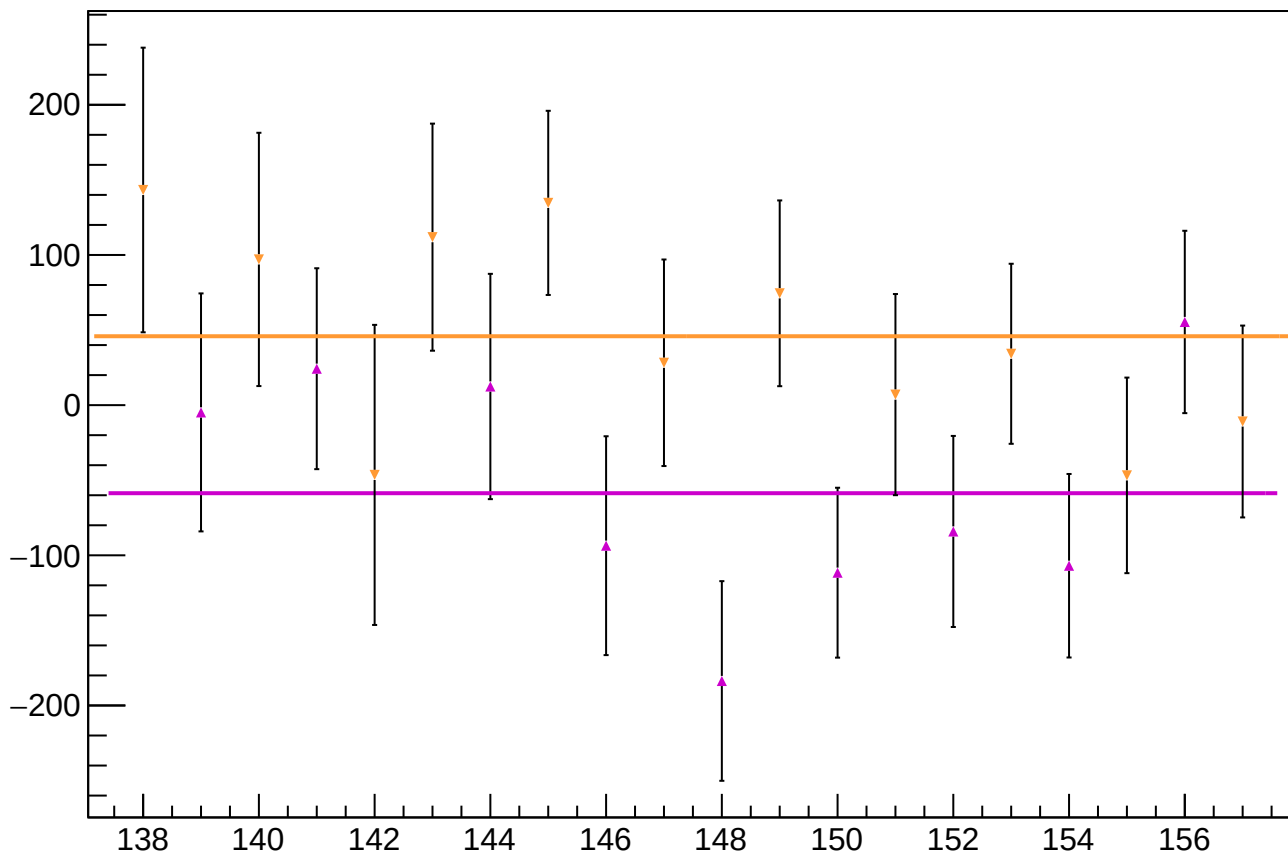
Left In: 130.799+/-0.035 χ^2/NDF : 572251.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.233+/-0.025 χ^2/NDF : 1448038.1/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 45.881 $\pm$ 21.091 χ^2 /NDF:8.6/10

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

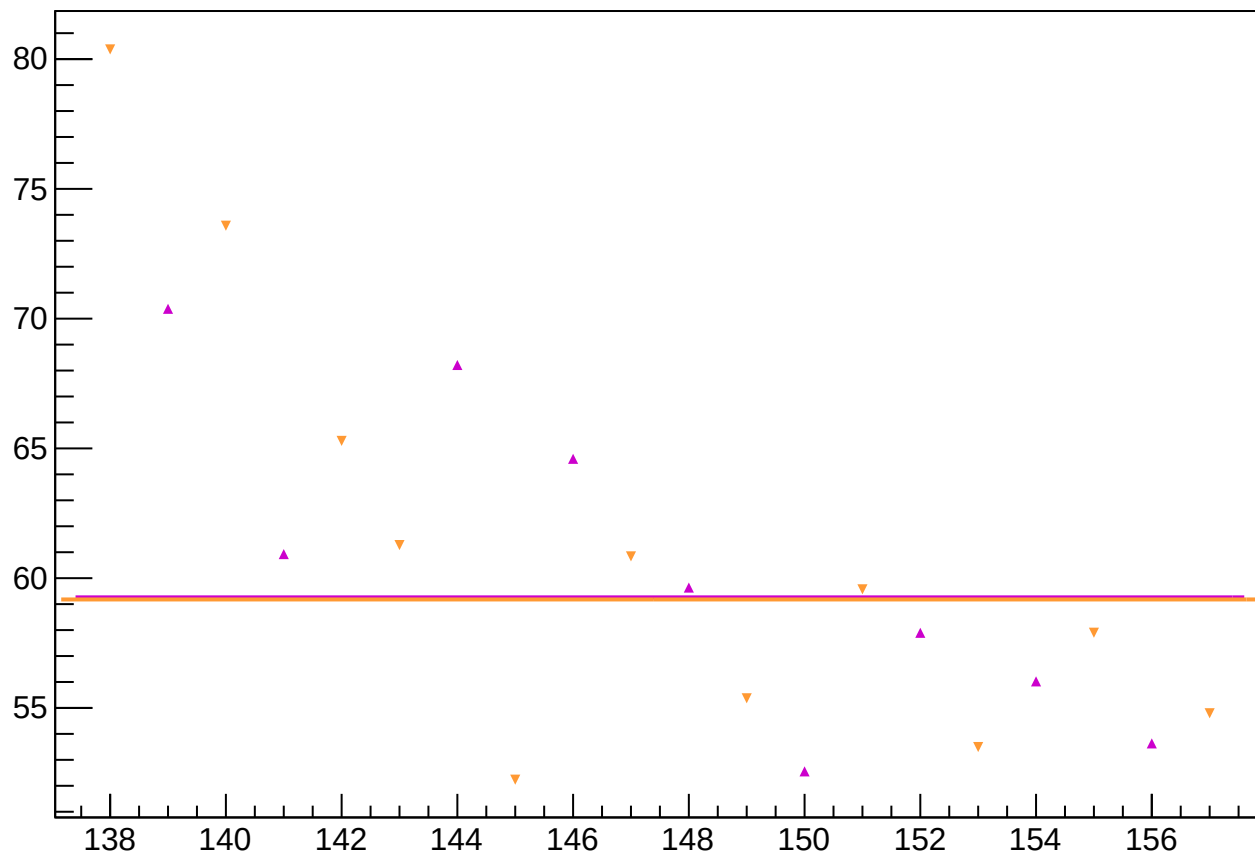
Left In: -58.640 $\pm$ 21.959 χ^2 /NDF:11.9/8

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

All: -4.273 $\pm$ 15.211 χ^2 /NDF: 32.2/19

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 59.180+/-0.015 χ^2/NDF :230023.3/10

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

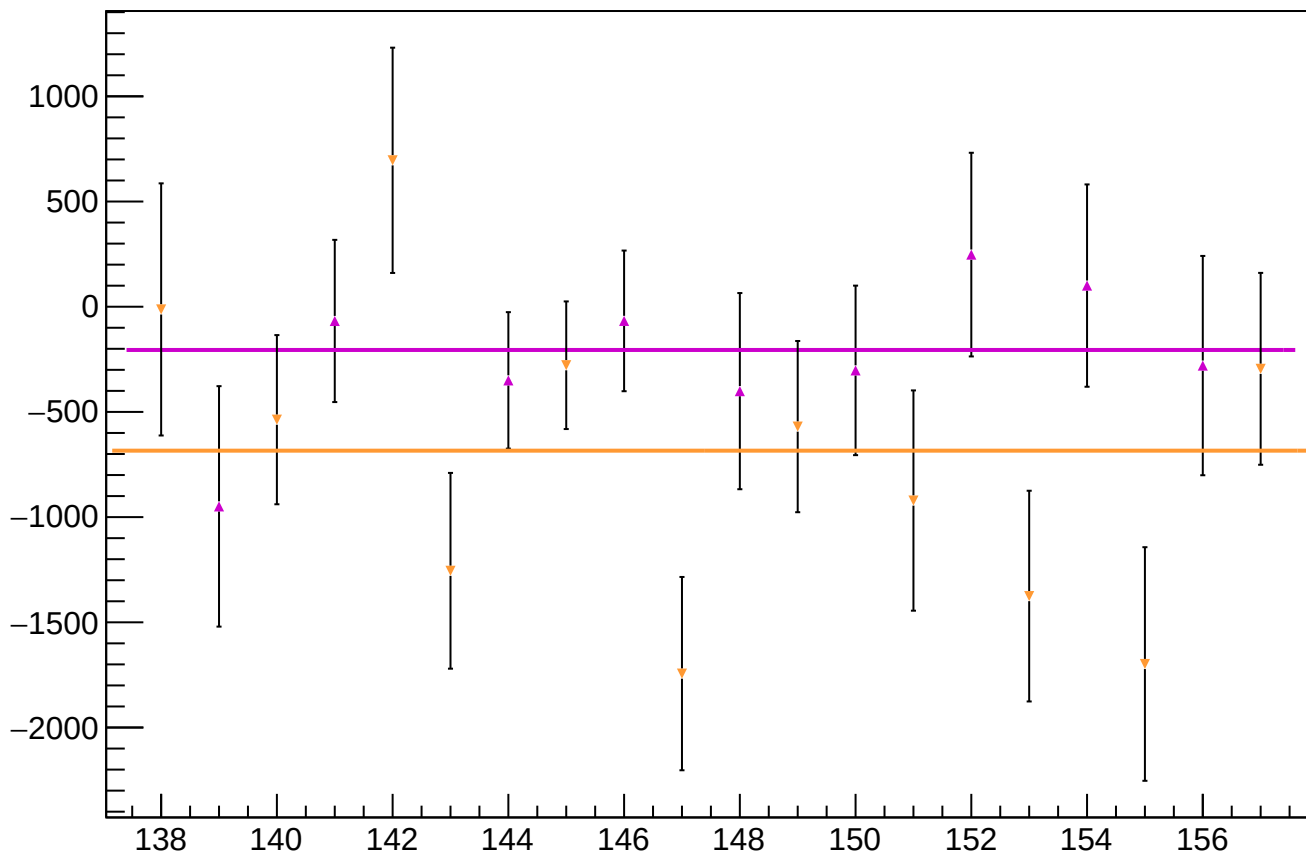
Left In: 59.261+/-0.016 χ^2/NDF :131735.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.219+/-0.011 χ^2/NDF : 361772.9/19

- 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

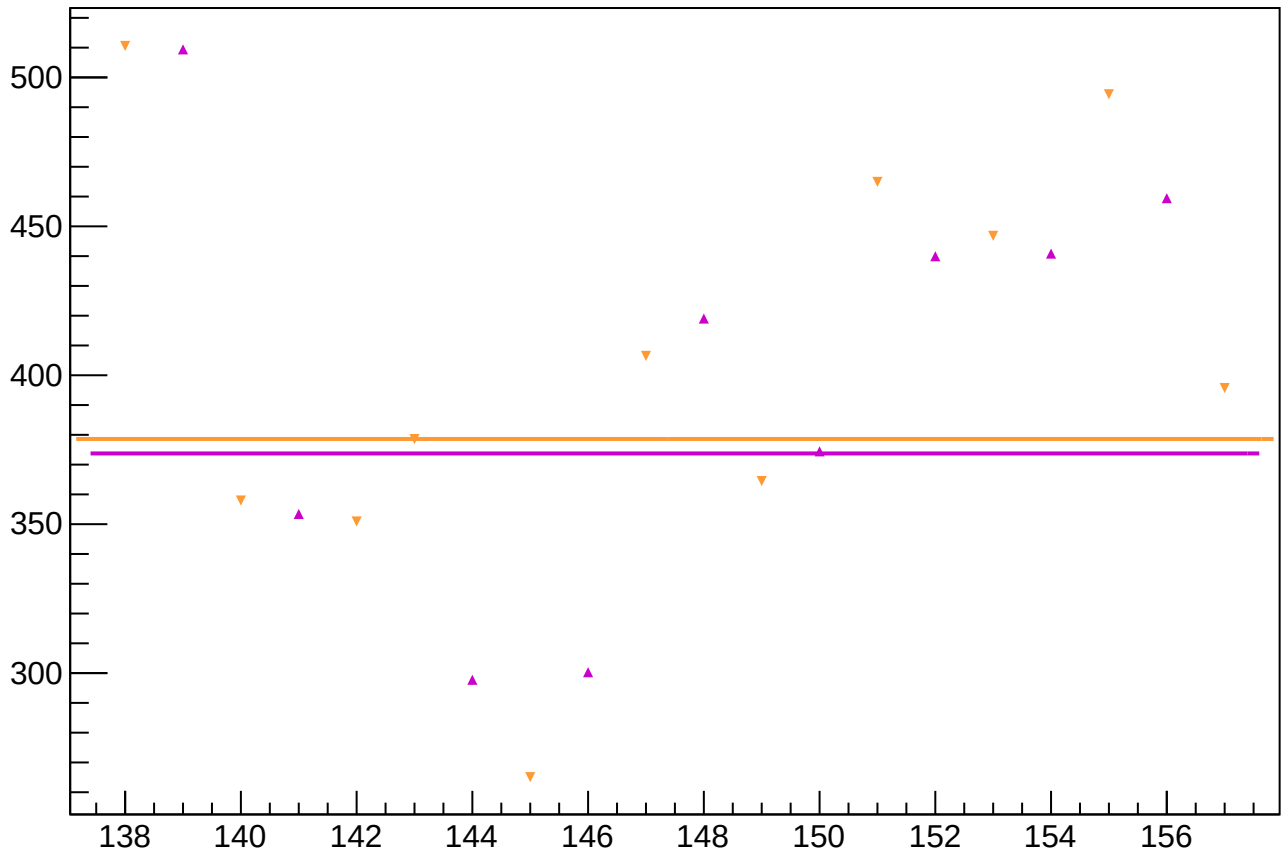
Left In: -205.530+/-139.635 χ^2/NDF :3.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -451.926+/-97.263 χ^2/NDF : 32.7/19

- 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

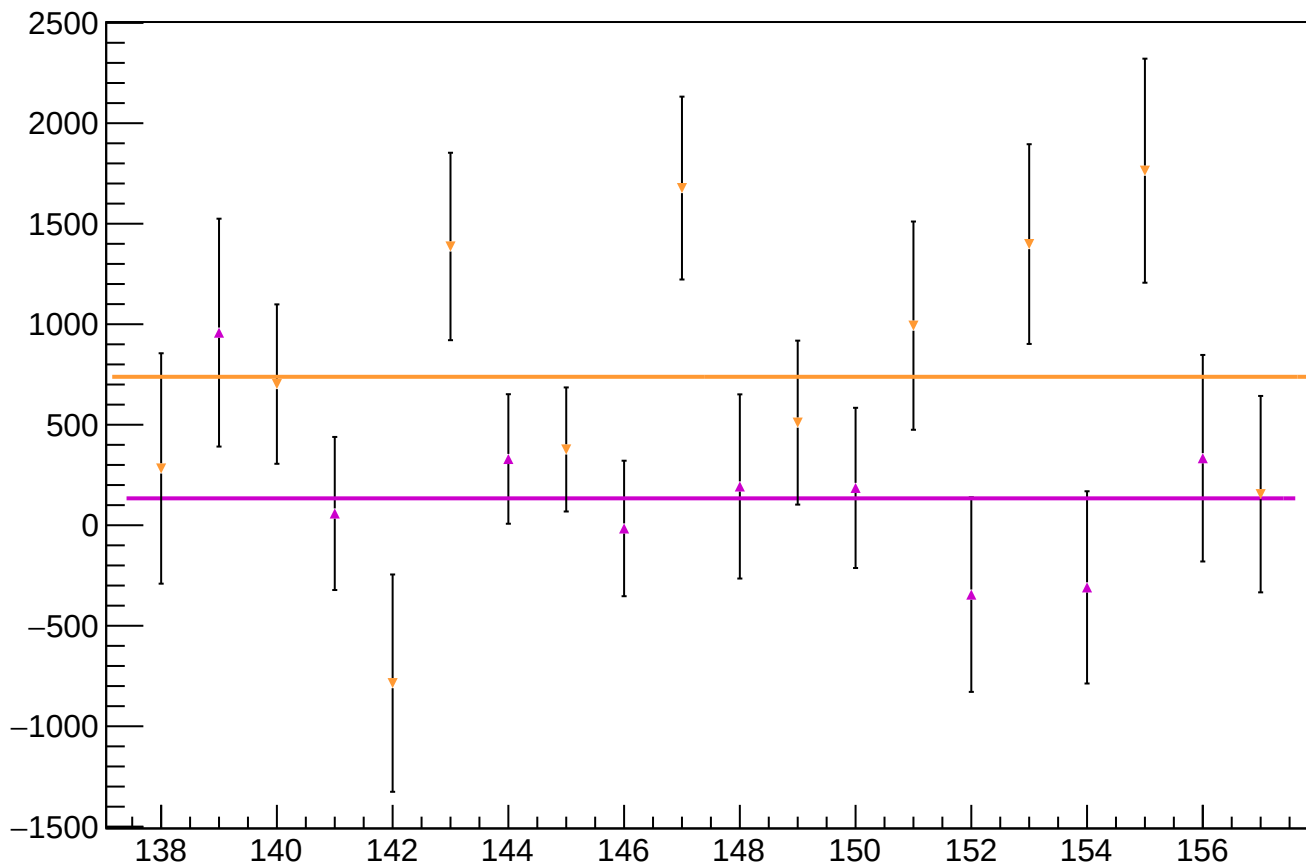
Left In: 373.752+/-0.099 χ^2/NDF : 473978.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.255+/-0.069 χ^2/NDF : 1054184.7/19

- 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

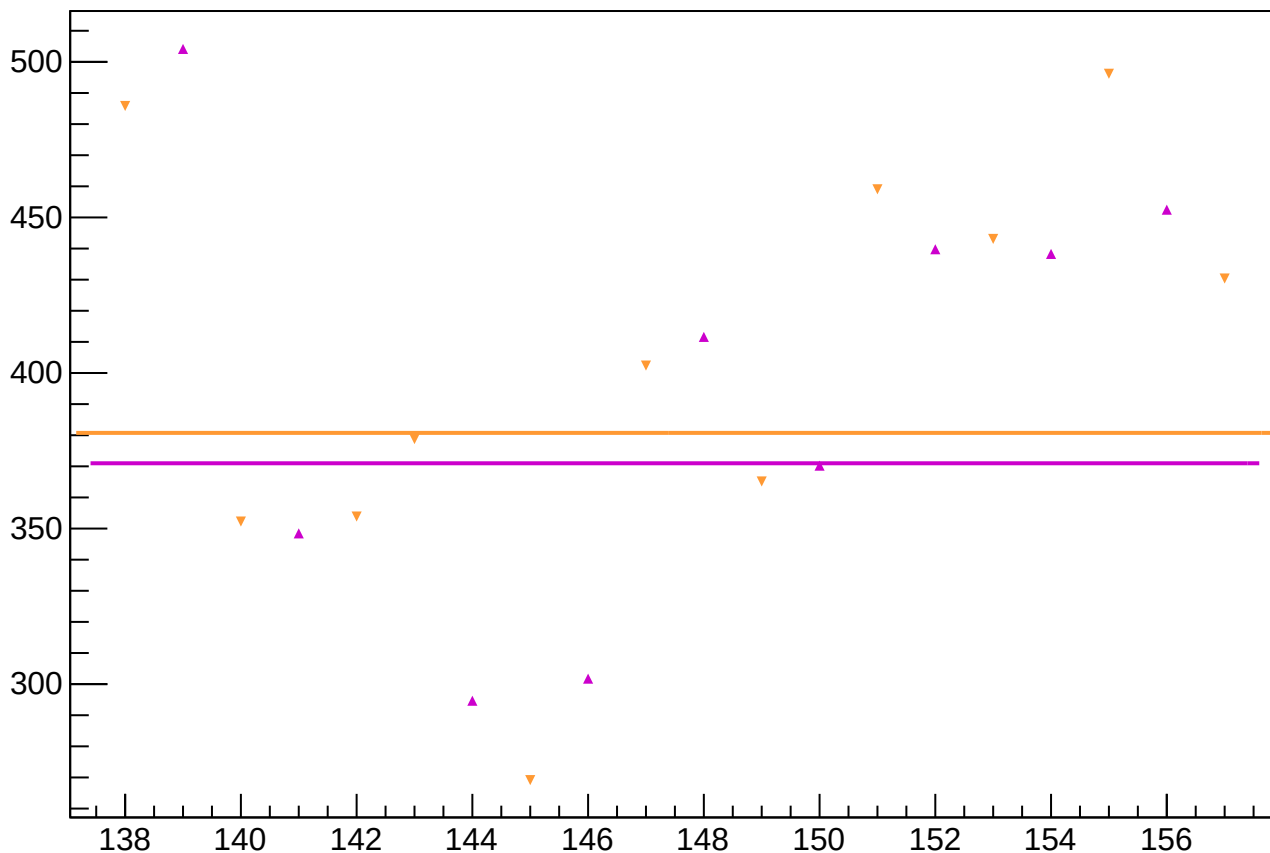
Left In: 133.801+/-138.750 χ^2/NDF : 4.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.902+/-97.170 χ^2/NDF : 37.7/19

- 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

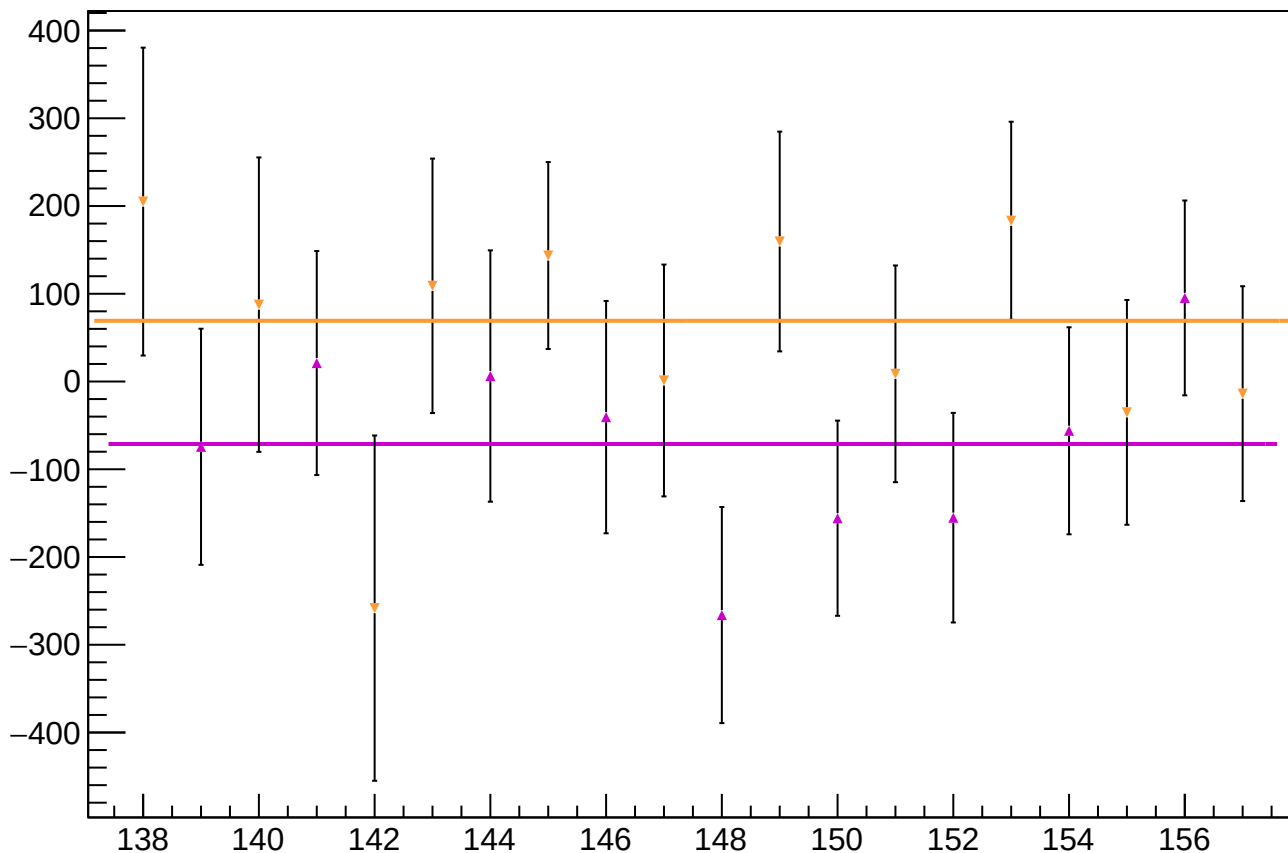
Left In: 370.985+/-0.098 χ^2/NDF : 460148.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.963+/-0.069 χ^2/NDF : 1000460.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 69.216 $\pm$ 40.085 χ^2 /NDF: 7.1/10

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

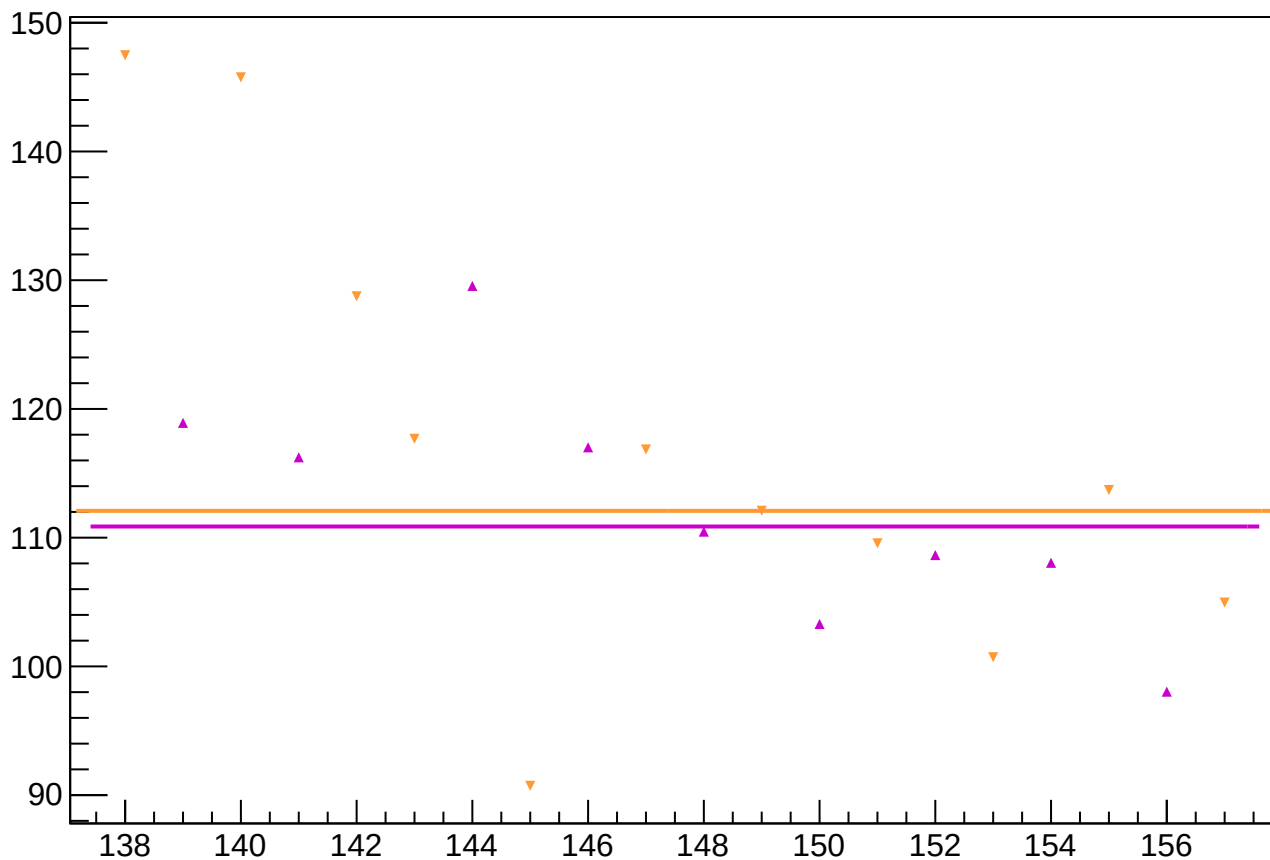
Left In: -71.188 $\pm$ 41.088 χ^2 /NDF: 6.7/8

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

All: 0.748 $\pm$ 28.693 χ^2 /NDF: 19.8/19

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

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 112.083+/-0.028 χ^2/NDF : 290559.7/10

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

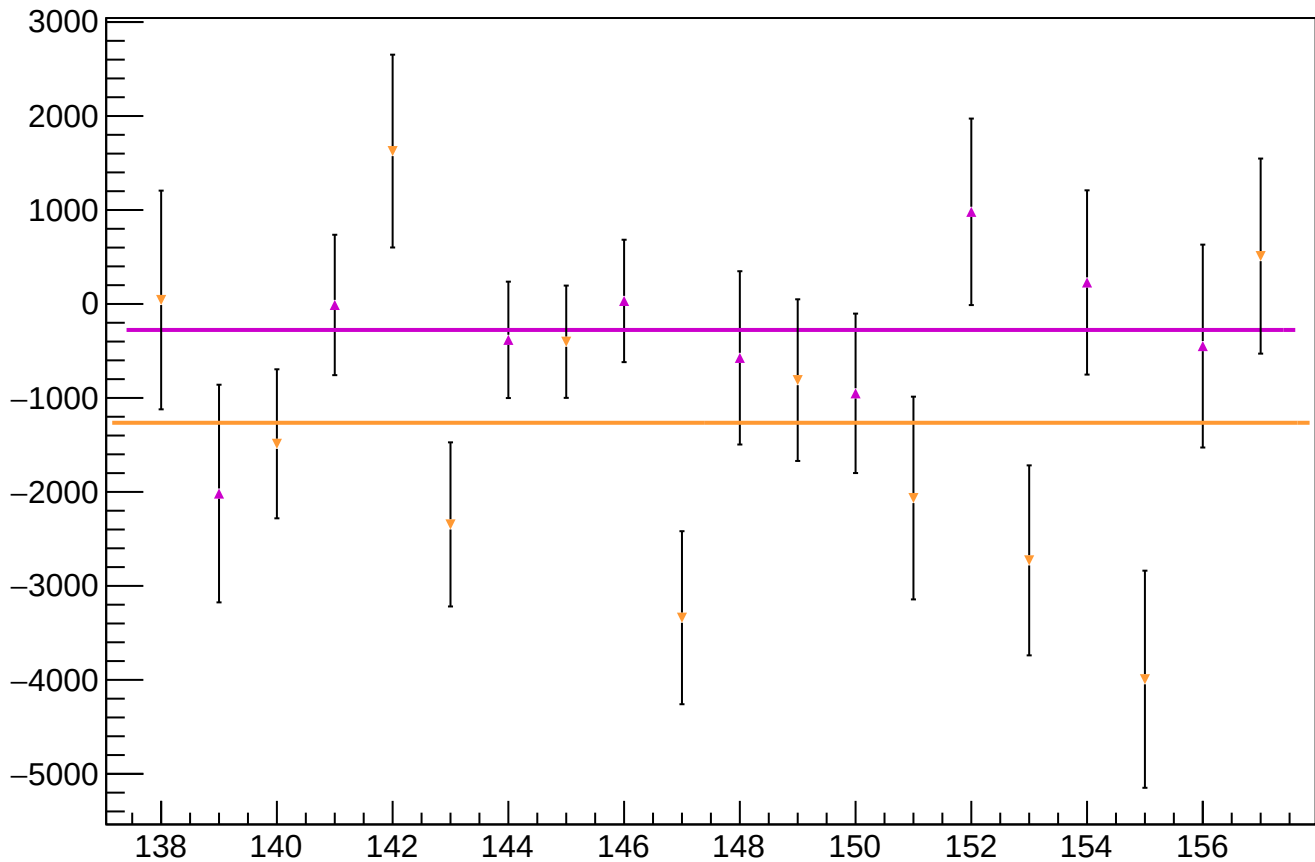
Left In: 110.867+/-0.029 χ^2/NDF : 86916.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.490+/-0.020 χ^2/NDF : 378373.8/19

- 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

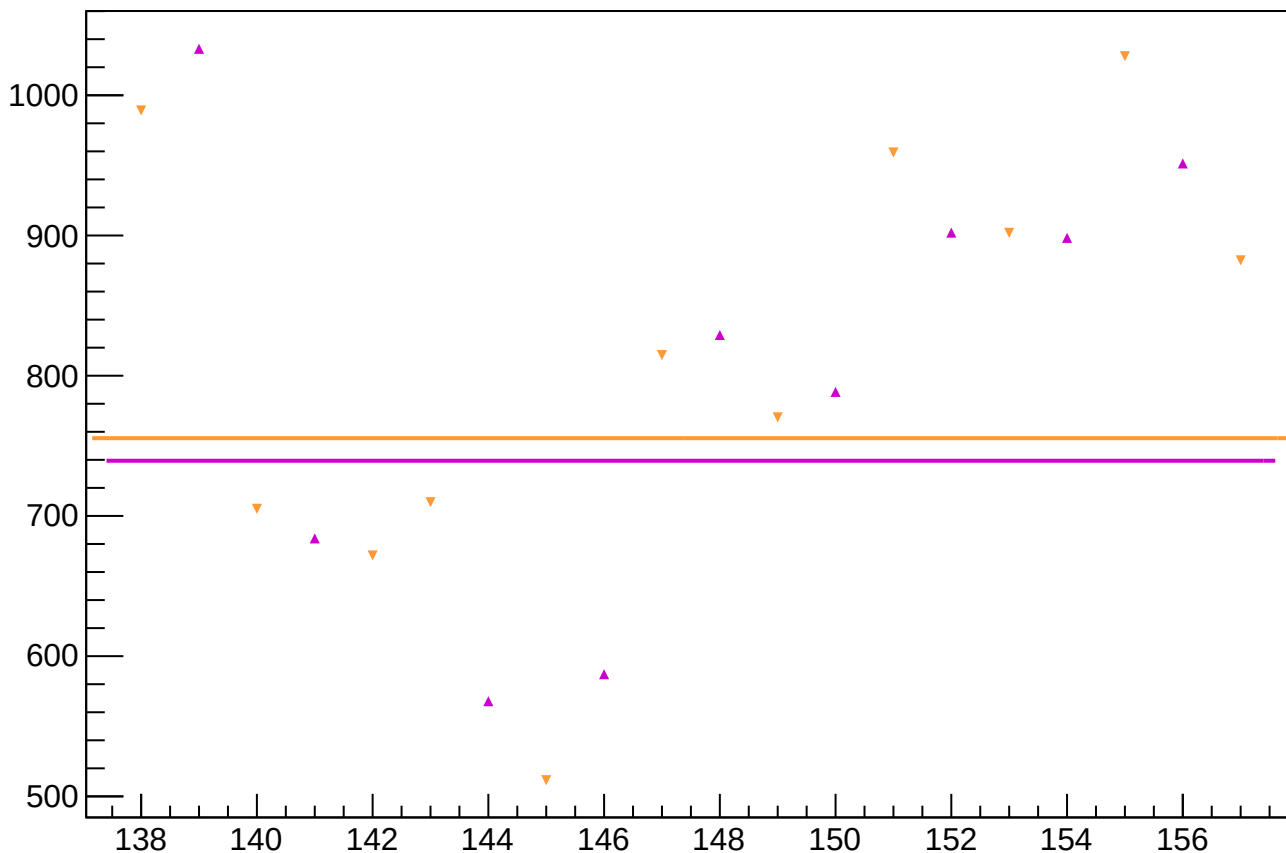
Left In: -276.422+/-277.529 χ^2/NDF : 5.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -778.849+/-194.540 χ^2/NDF : 41.1/19

- 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

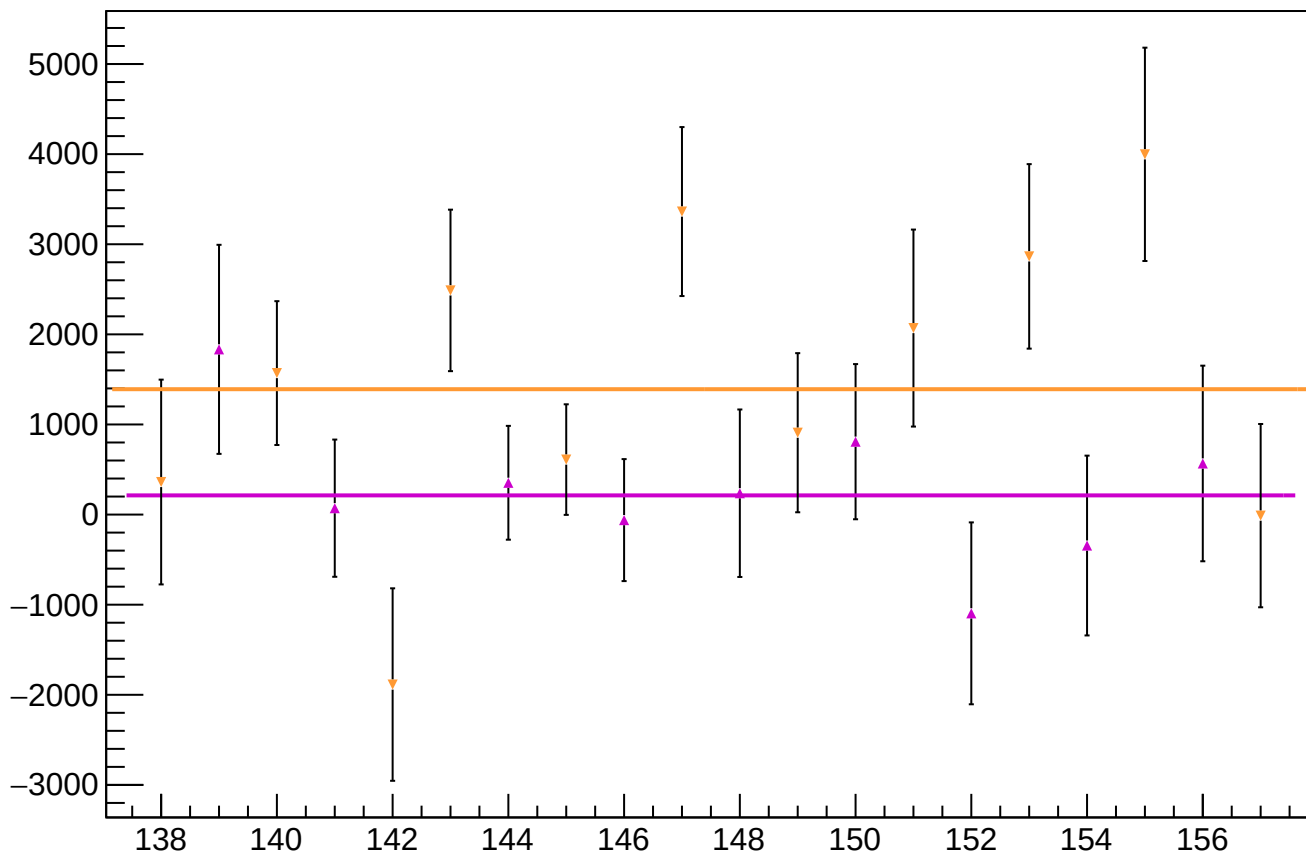
Left In: 739.374+/-0.196 χ^2/NDF : 611414.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 747.551+/-0.138 χ^2/NDF : 1318984.1/19

- 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

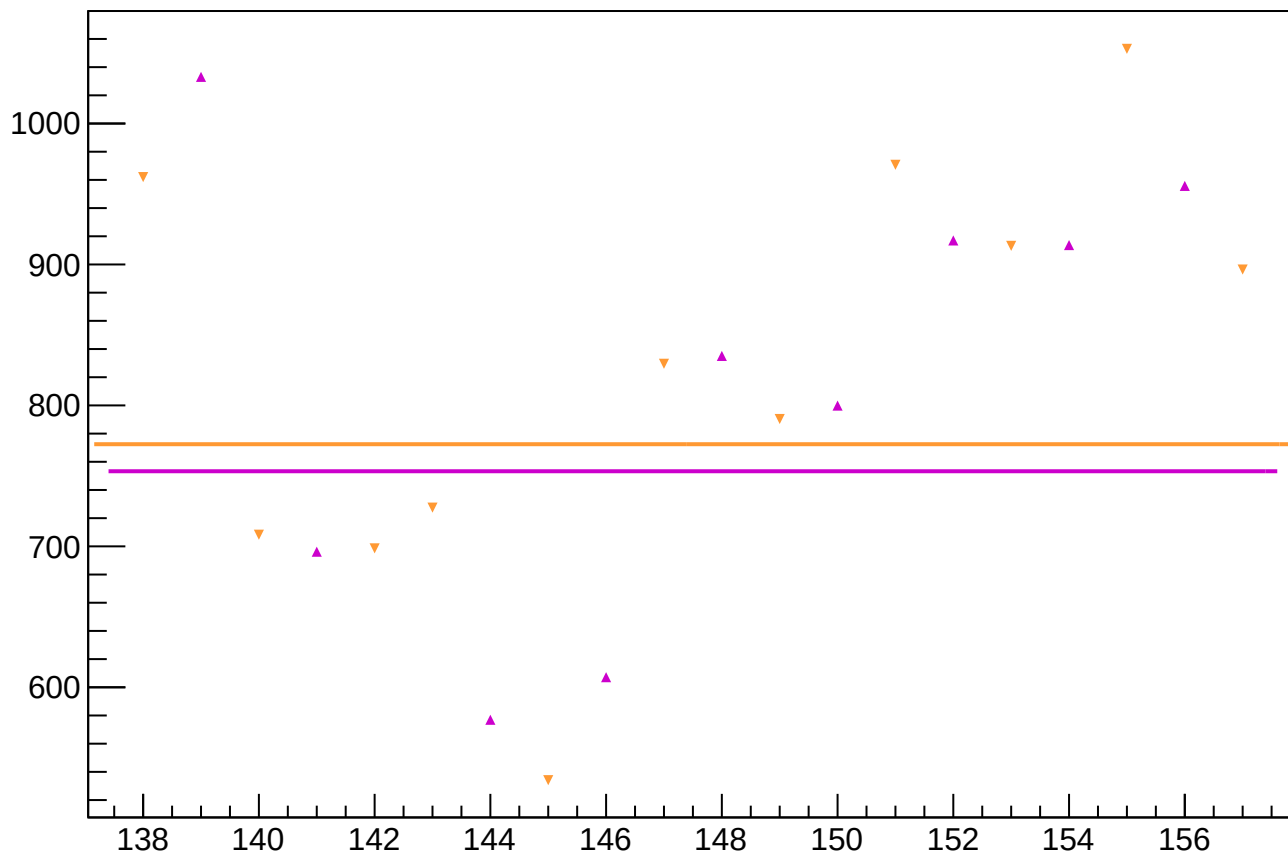
Left In: 212.962+/-282.845 χ^2/NDF : 4.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.049+/-197.975 χ^2/NDF : 41.0/19

- 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

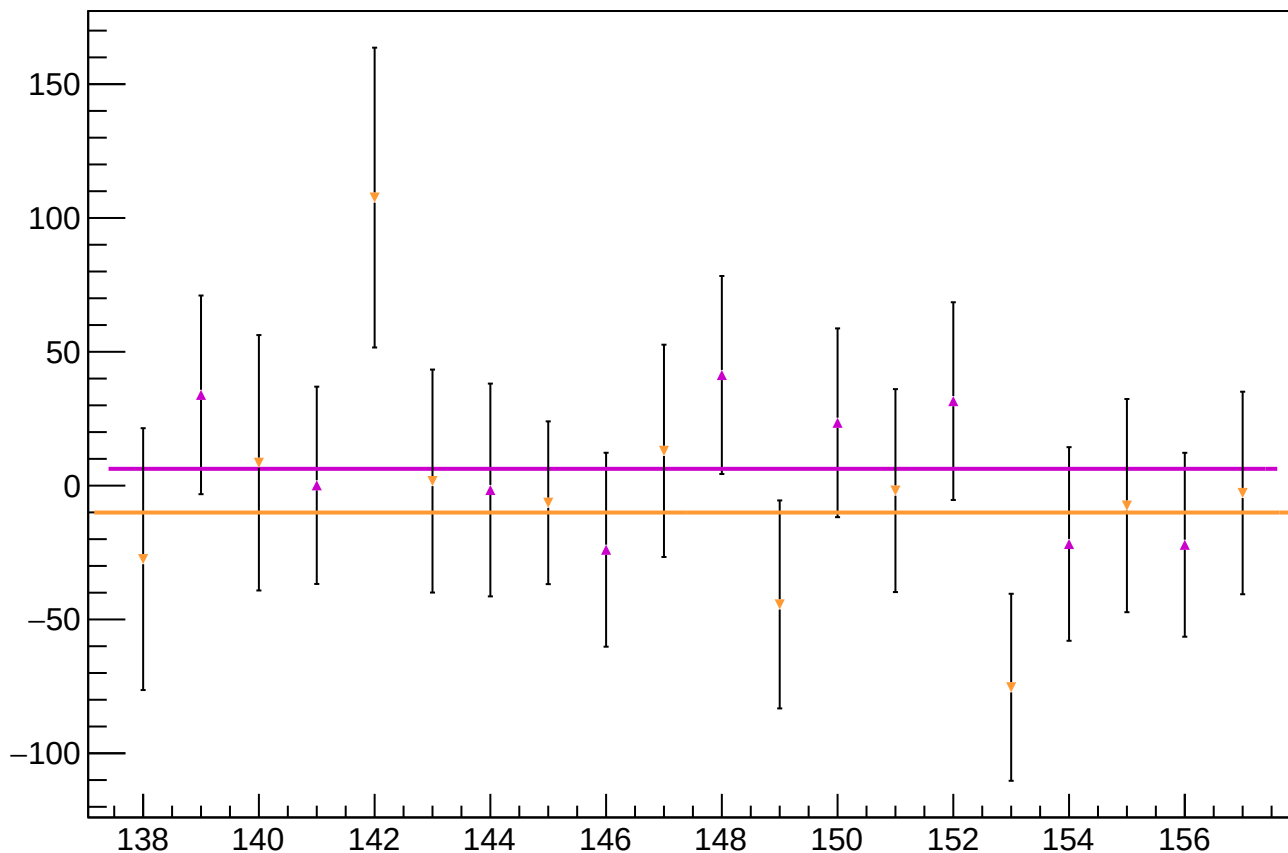
Left In: 753.287+/-0.200 χ^2/NDF : 572040.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.073+/-0.140 χ^2/NDF : 1215605.7/19

- 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

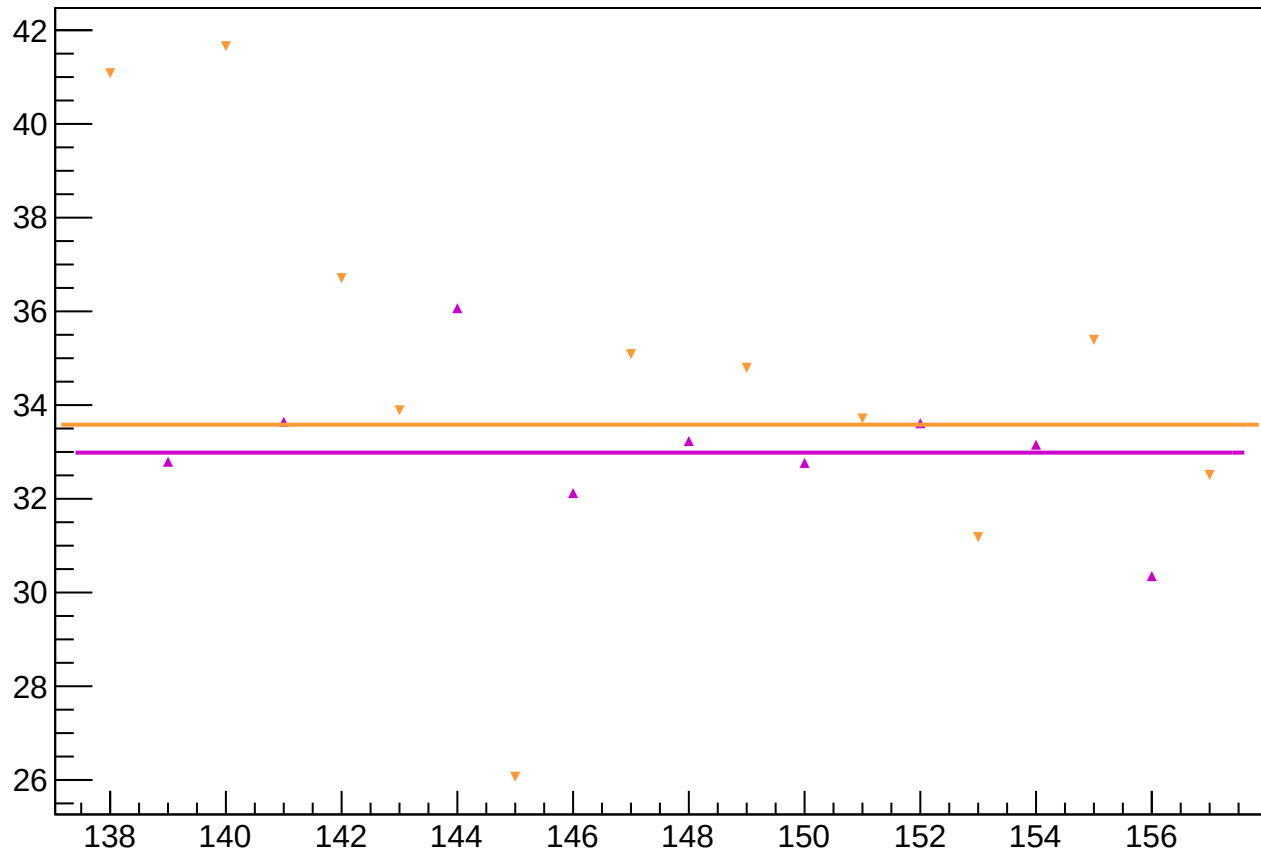
Left In: 6.277 $\pm$ 12.184 χ^2 /NDF:4.2/8

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

All: -2.031 $\pm$ 8.540 χ^2 /NDF: 14.6/19

- 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

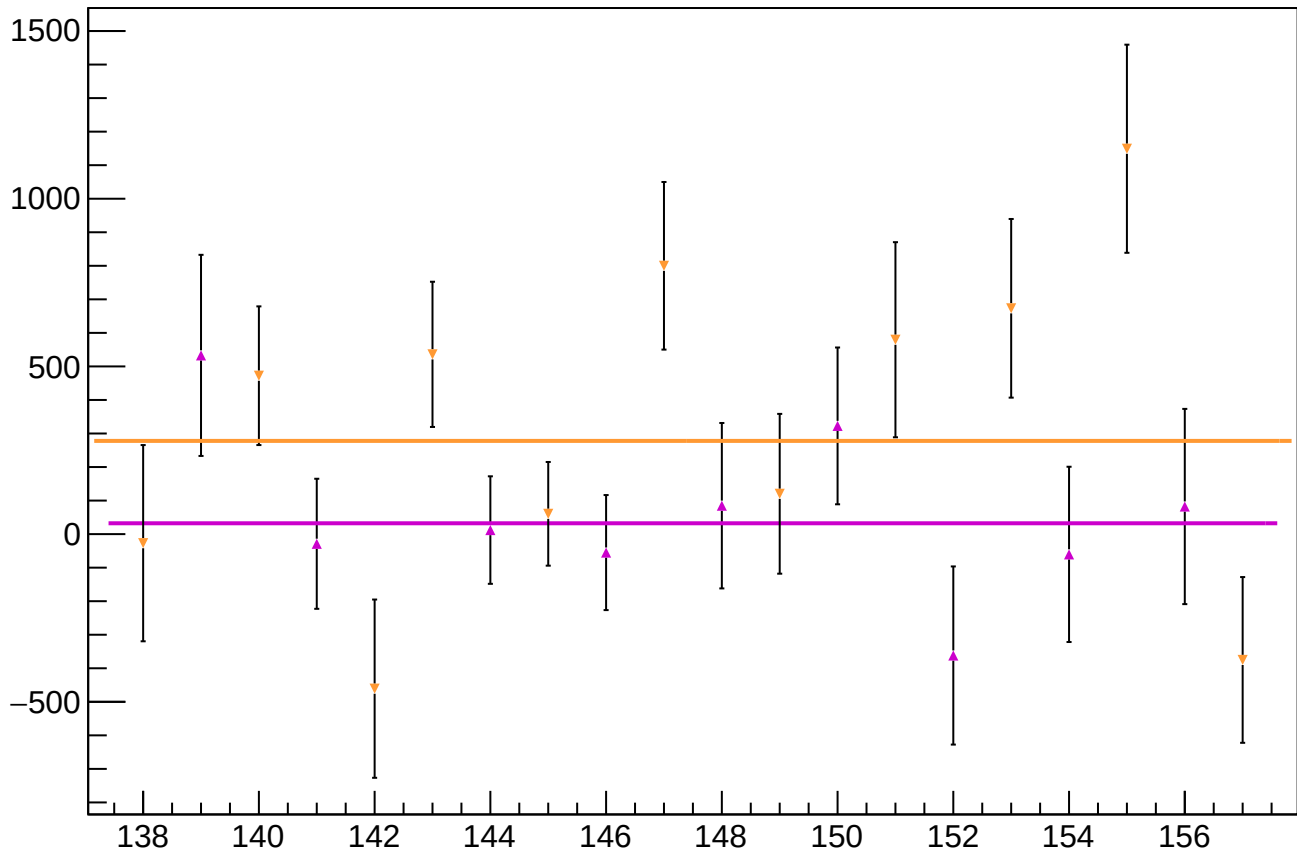
Left In: 32.986+/-0.009 χ^2/NDF : 26415.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.289+/-0.006 χ^2/NDF : 281685.6/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 277.939+/-70.933 χ^2/NDF :36.0/10

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

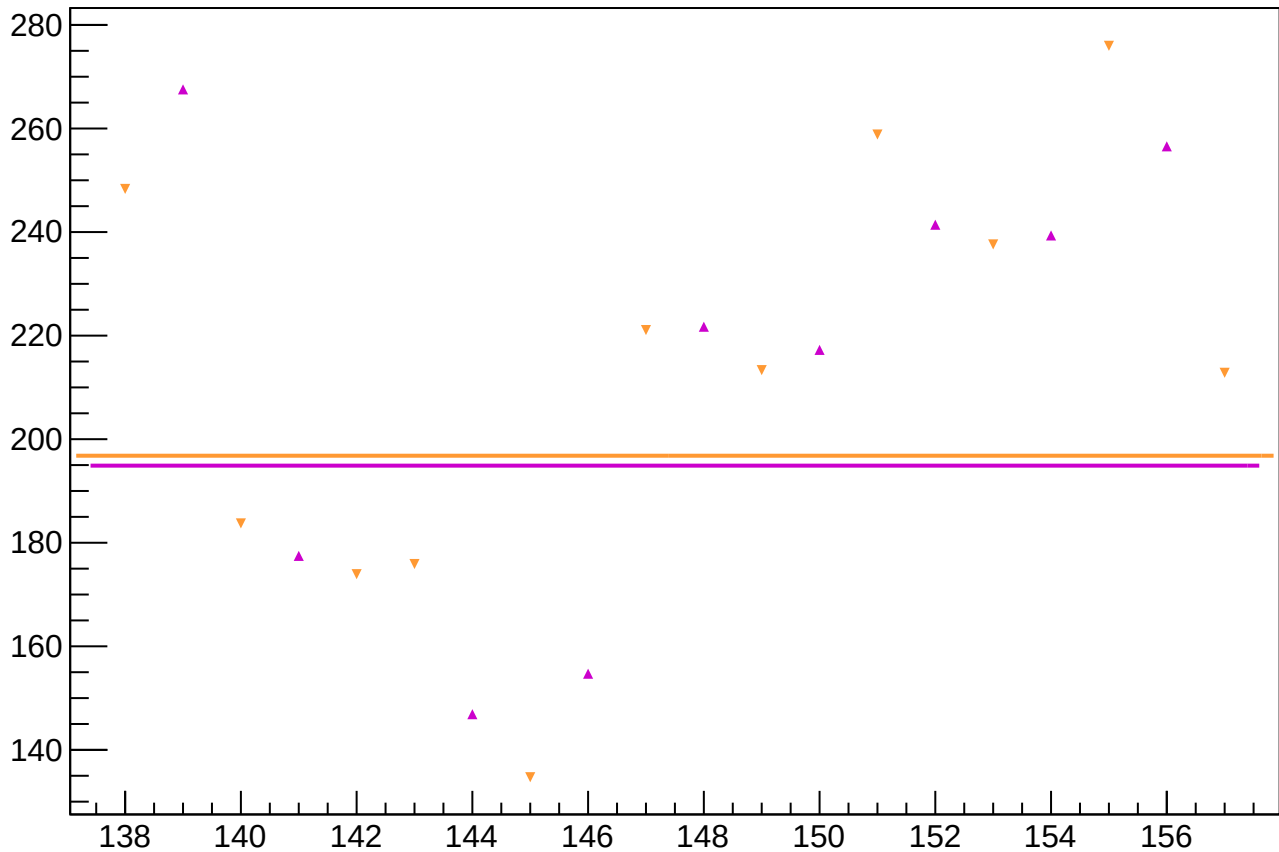
Left In: 32.331+/-73.321 χ^2/NDF :7.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.199+/-50.981 χ^2/NDF : 49.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 196.809+/-0.050 χ^2/NDF : 731192.3/10

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

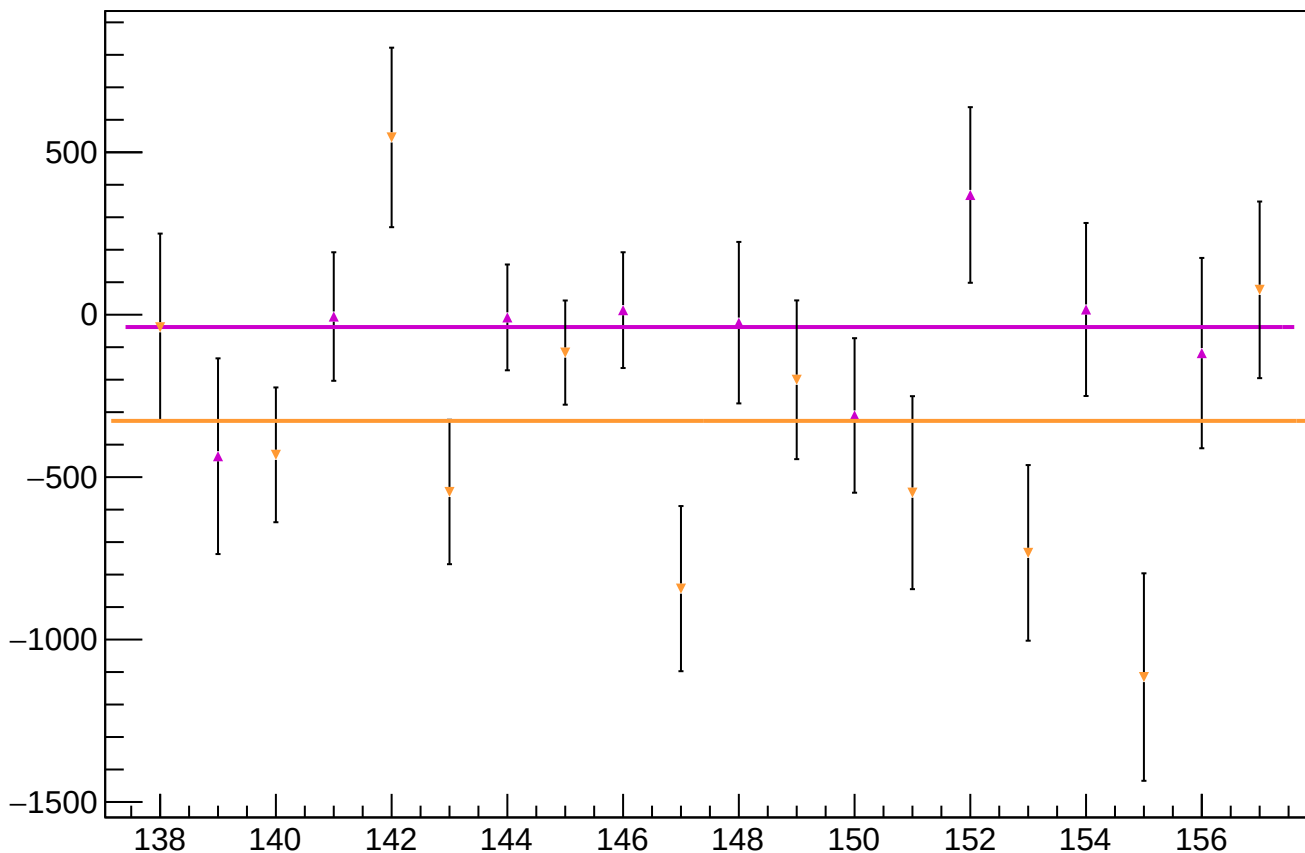
Left In: 194.892+/-0.052 χ^2/NDF : 673771.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.882+/-0.036 χ^2/NDF : 1405669.9/19

- 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

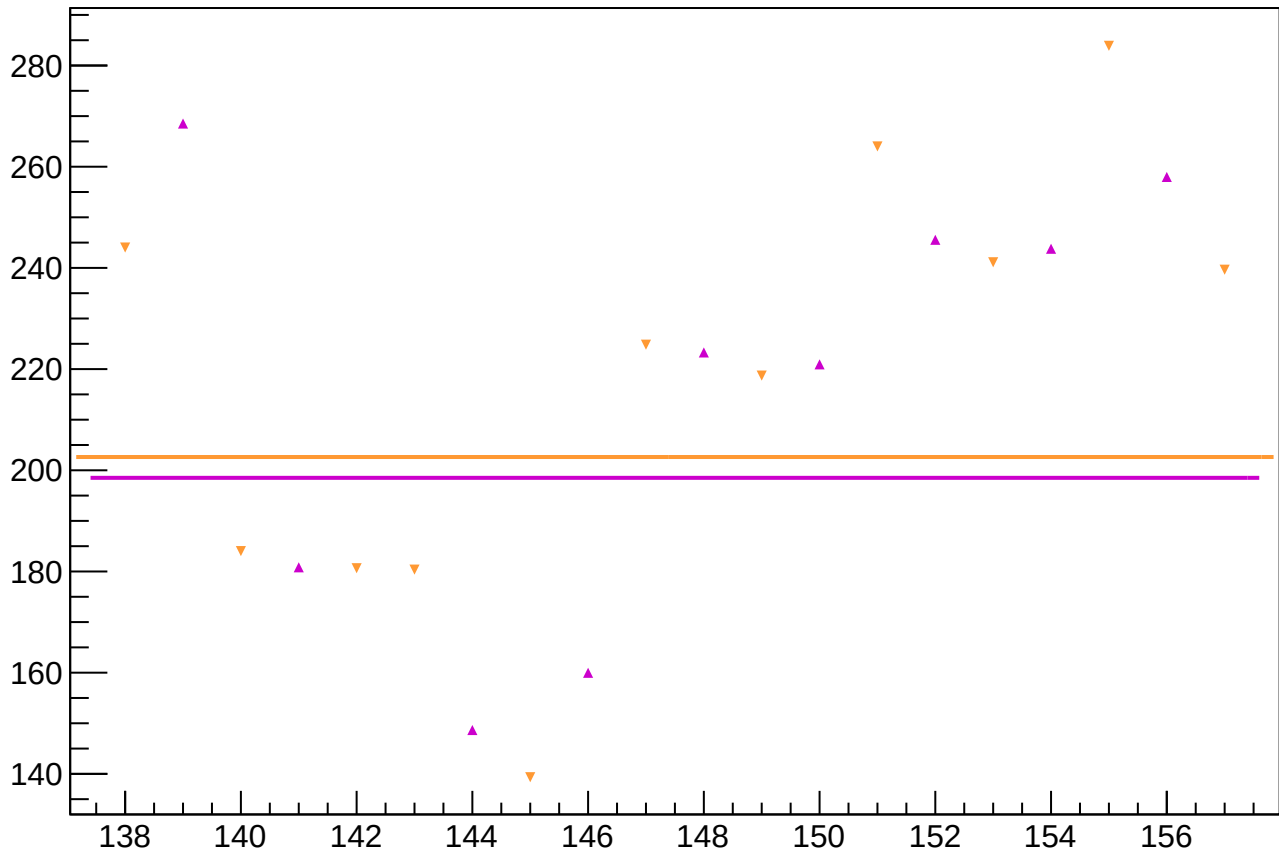
Left In: -37.946+/-74.730 χ^2/NDF :5.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.931+/-52.191 χ^2/NDF : 42.7/19

- 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

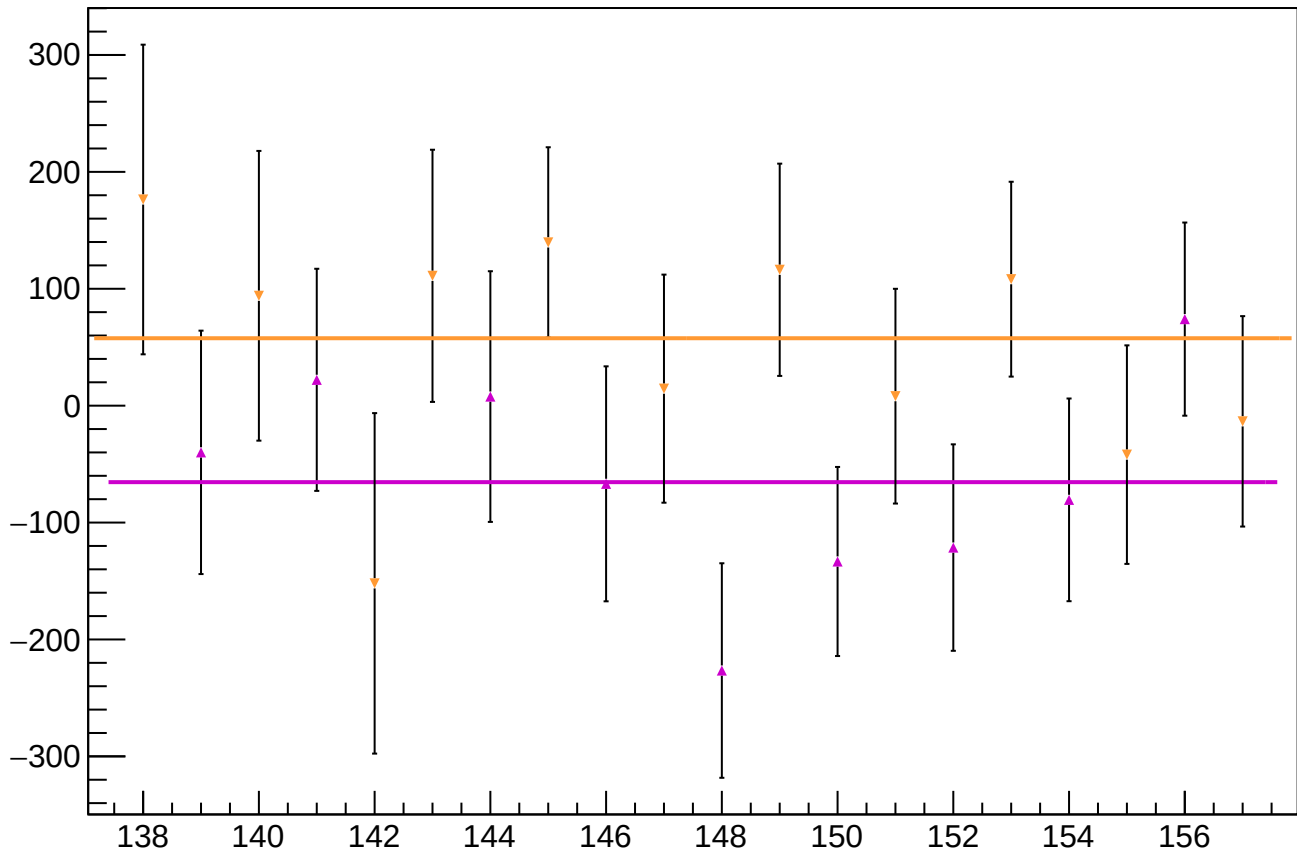
Left In: 198.510+/-0.053 χ^2/NDF : 643367.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.617+/-0.037 χ^2/NDF : 1364435.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 57.686 $\pm$ 29.710 χ^2 /NDF: 7.2/10

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

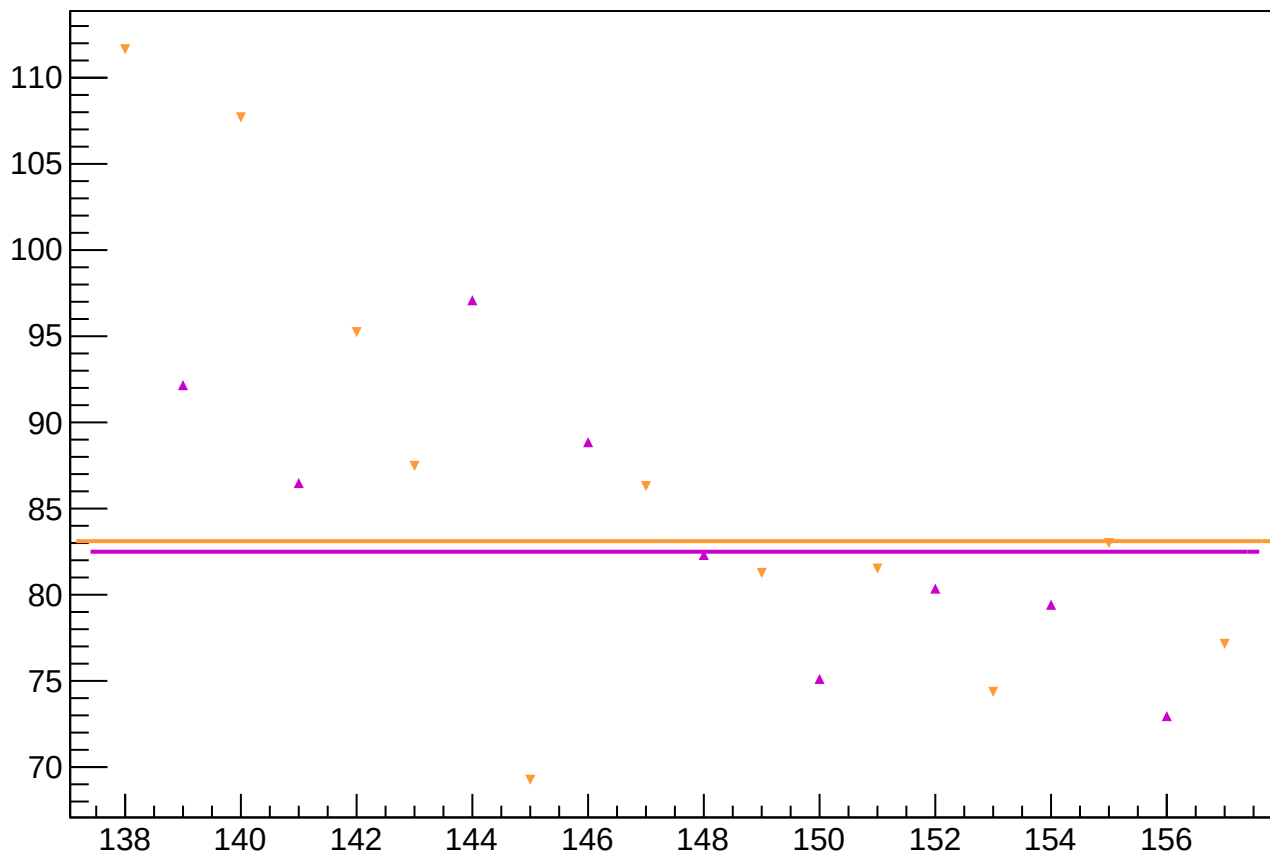
Left In: -65.422 $\pm$ 30.593 χ^2 /NDF: 8.4/8

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

All: -2.066 $\pm$ 21.314 χ^2 /NDF: 24.0/19

- sign 0.000 $\pm$ 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

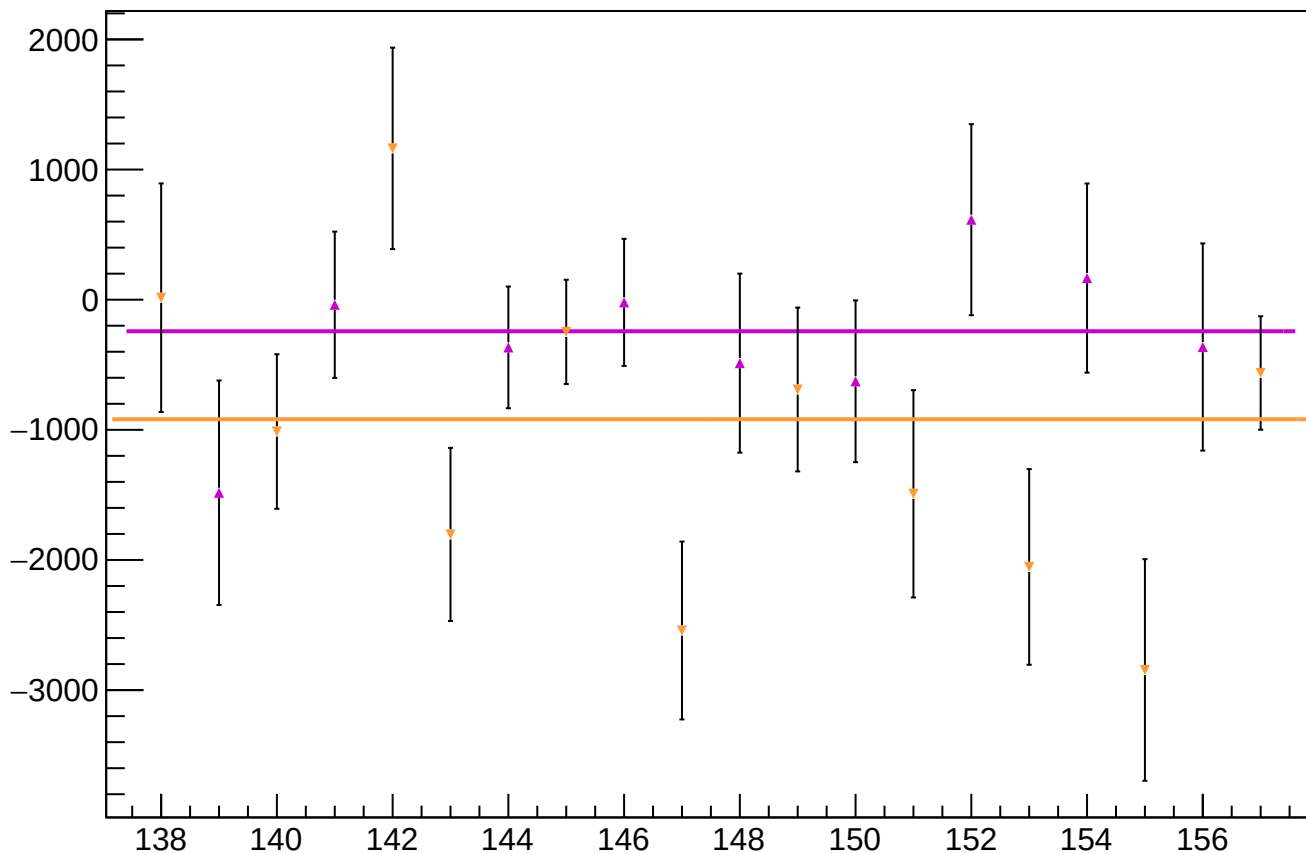
Left In: 82.497+/-0.022 χ^2/NDF : 112838.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.812+/-0.015 χ^2/NDF : 394277.5/19

- 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

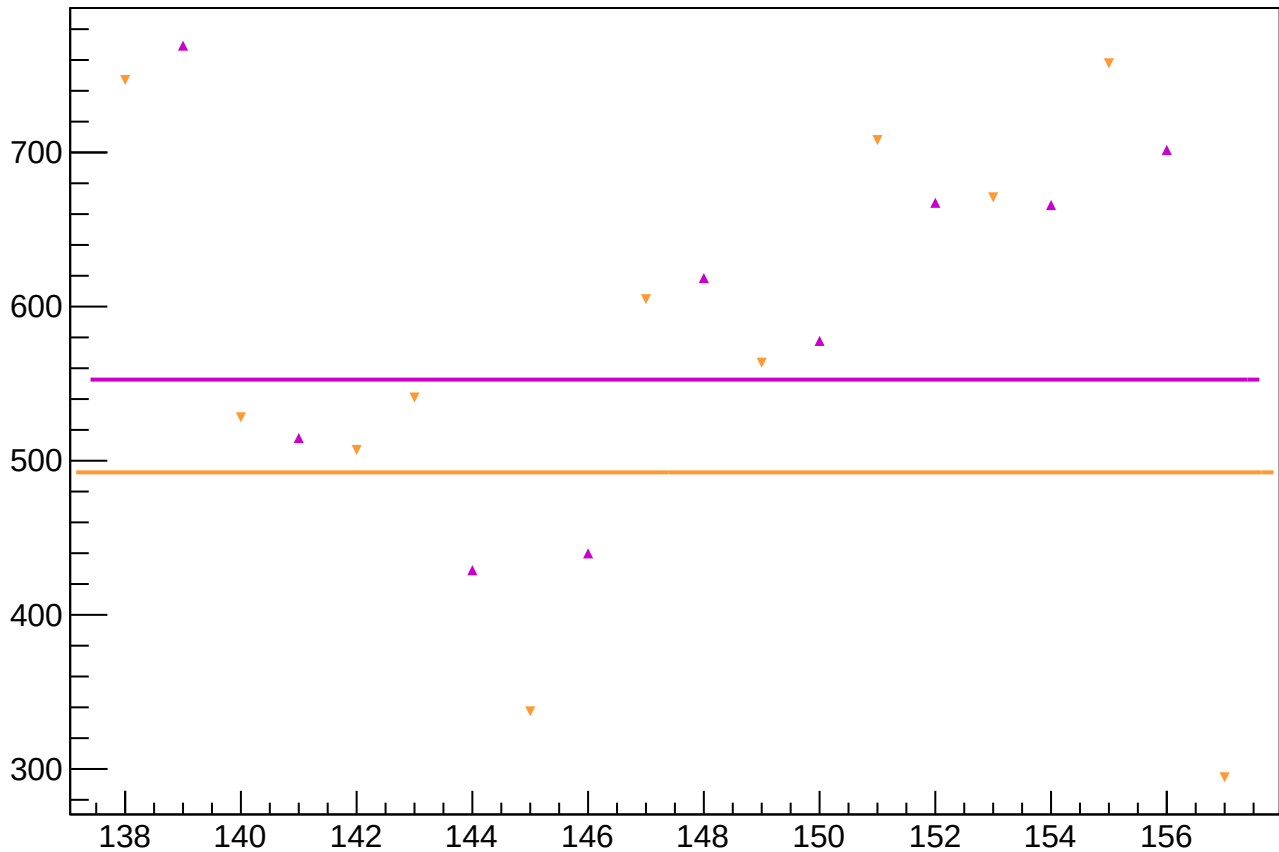
Left In: -242.535+/-207.140 χ^2/NDF :4.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -617.025+/-138.345 χ^2/NDF : 37.9/19

- 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

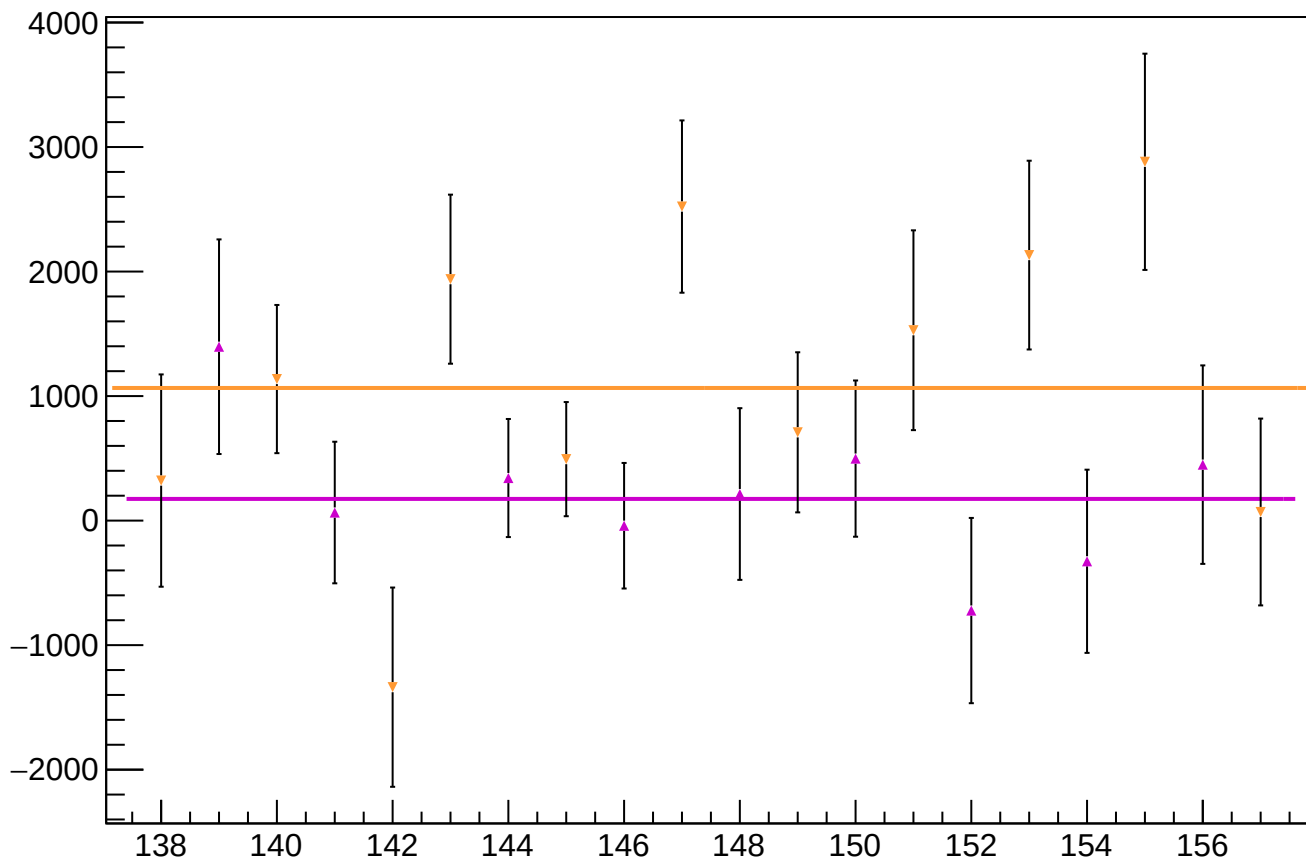
Left In: 552.629+/-0.146 χ^2/NDF :570860.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.293+/-0.098 χ^2/NDF : 2095556.1/19

- 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

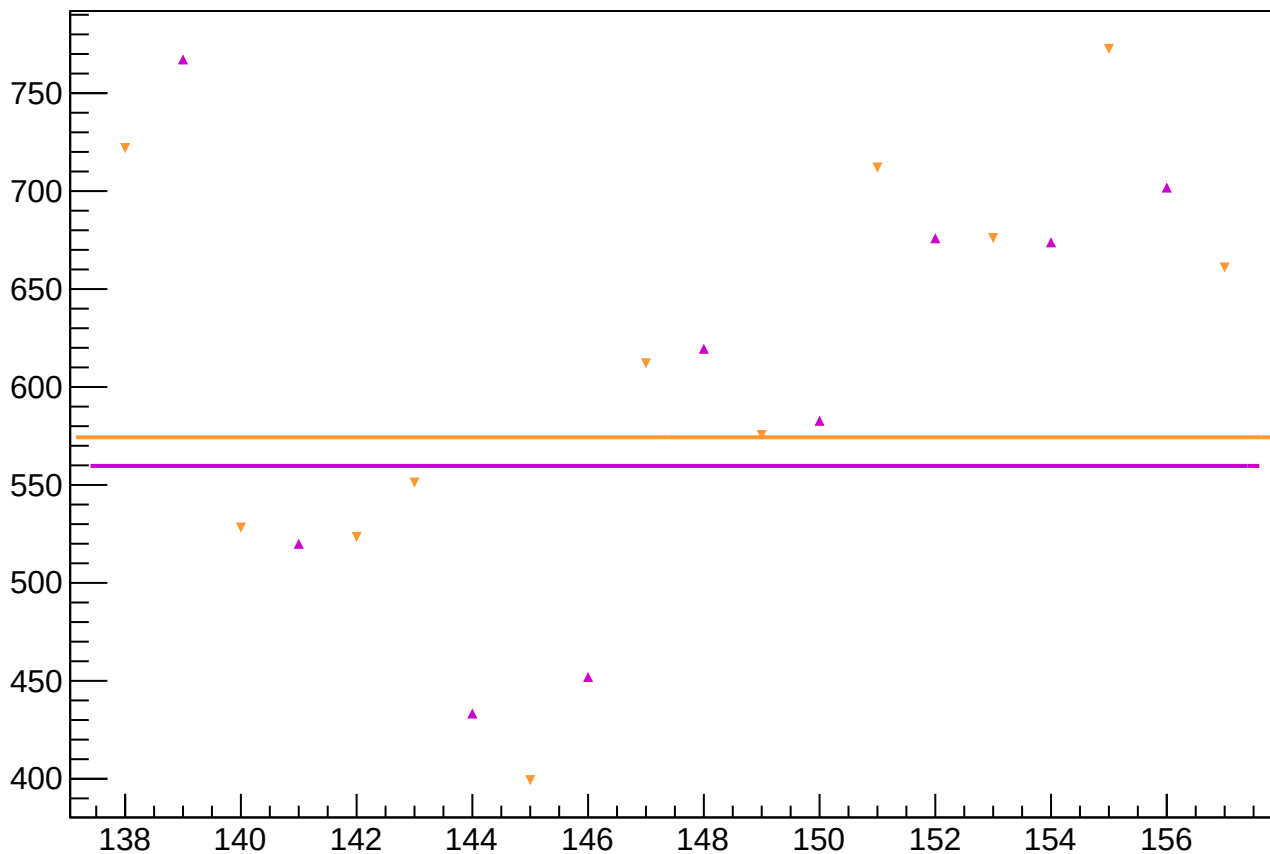
Left In: 174.178+/-209.901 χ^2/NDF : 4.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.352+/-146.968 χ^2/NDF : 40.0/19

- 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

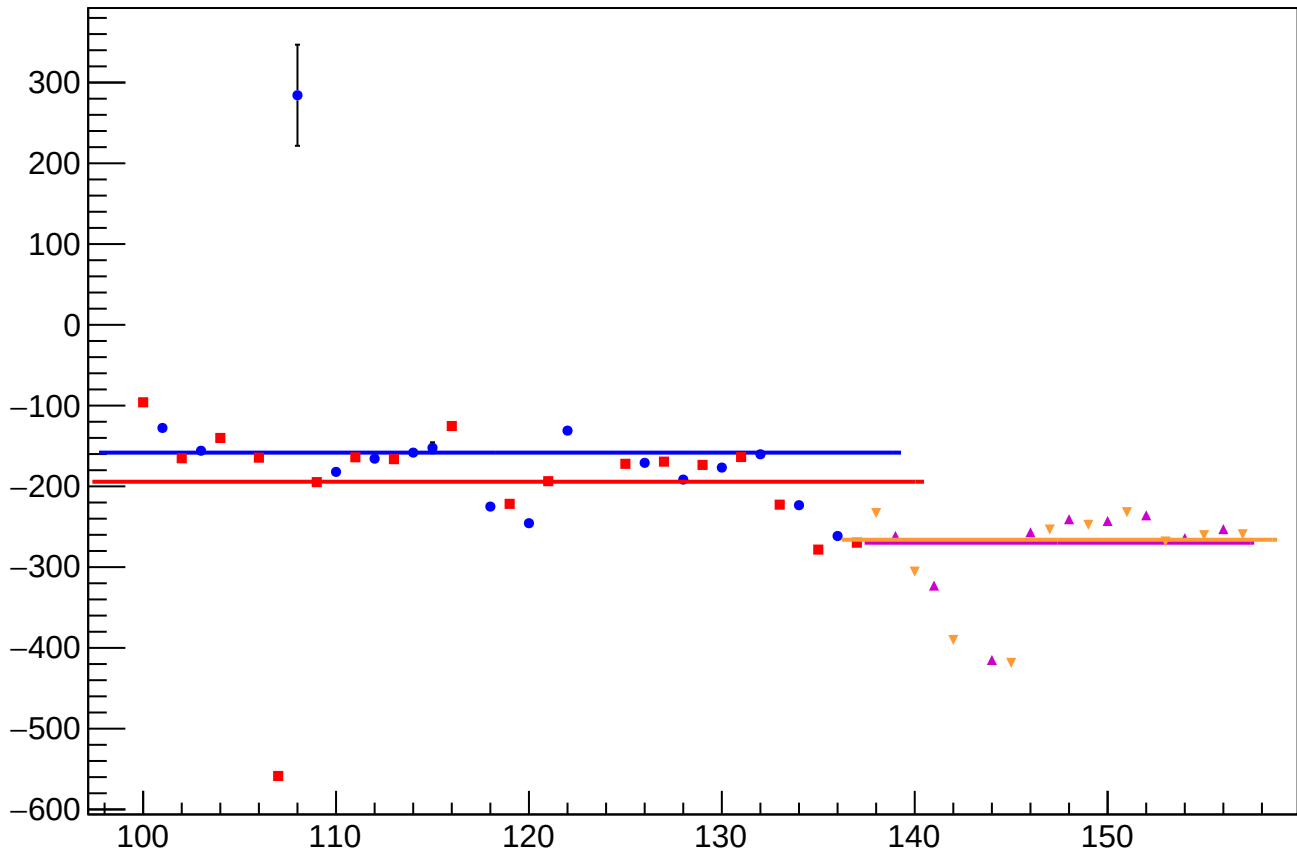
Left In: 559.711+/-0.148 χ^2/NDF : 537440.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.164+/-0.104 χ^2/NDF : 1148233.0/19

- 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

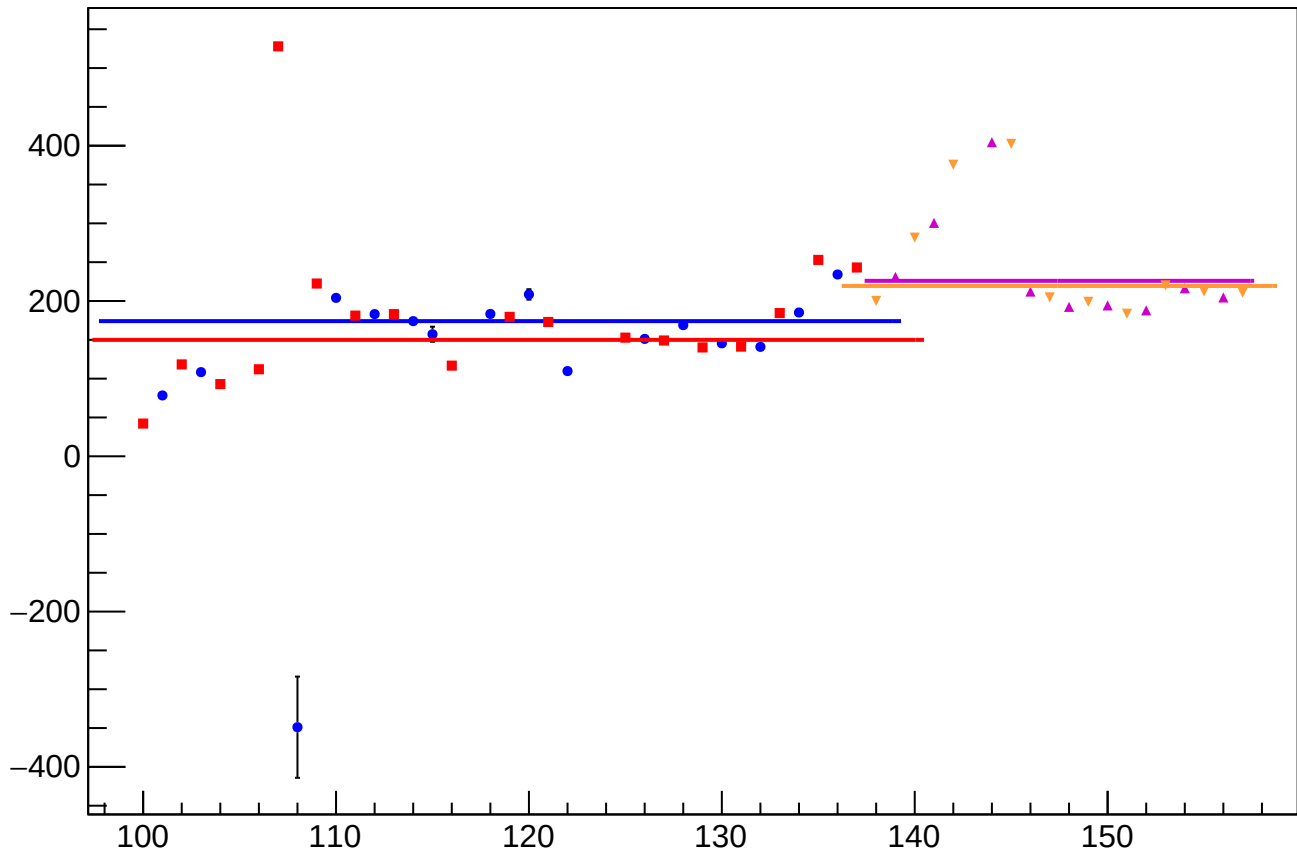
Left In: -269.781+/-0.202 χ^2/NDF : 42886.3/8

+ sign -158.222+/-0.000 χ^2/NDF : 489485.3/25

All: -158.222+/-0.000 χ^2/NDF : 1060791.9/52

- sign -224.473+/-0.128 χ^2/NDF : 303078.0/26

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 219.378 $\pm$ 0.182 χ^2 /NDF:33227.1/9

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

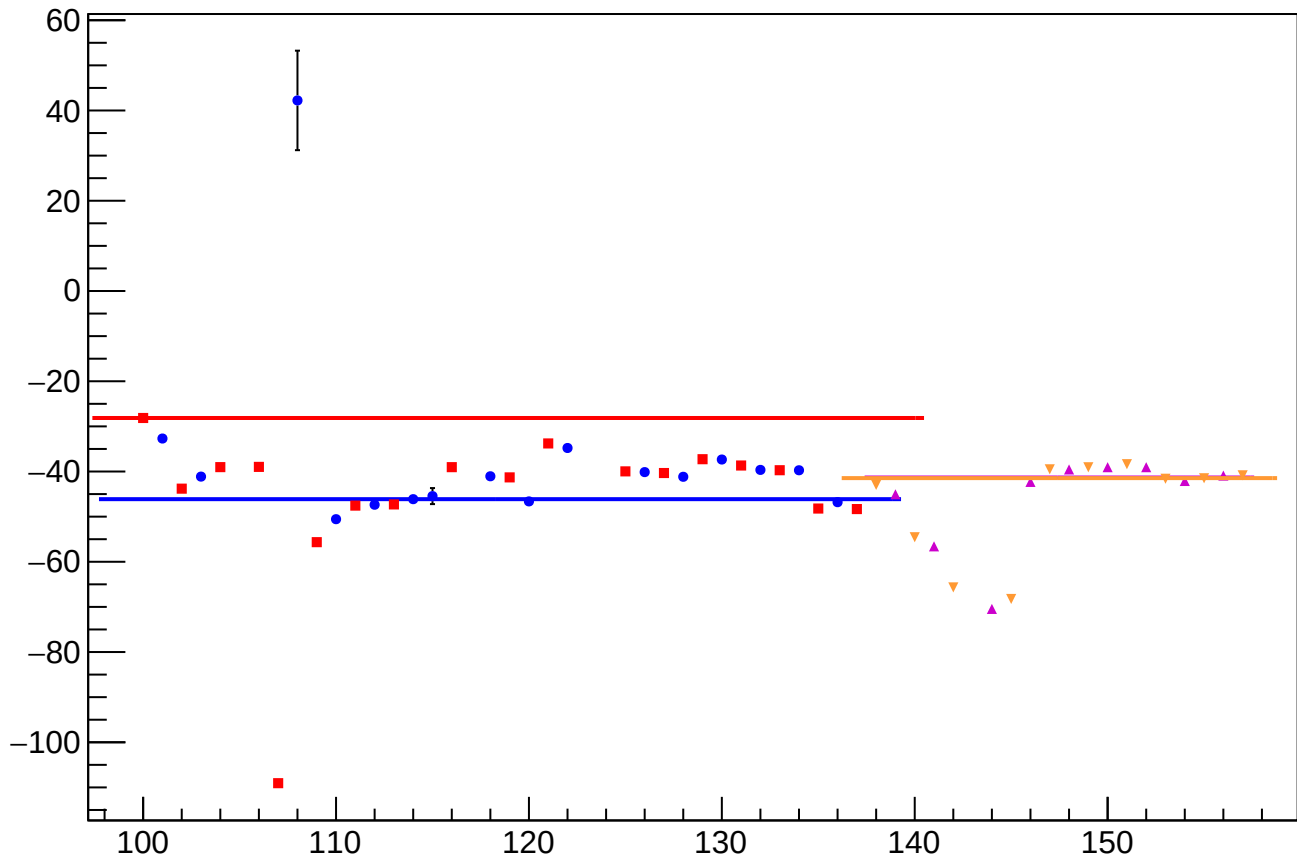
Left In: 225.980 $\pm$ 0.205 χ^2 /NDF:60768.3/8

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 148741.2/25

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 456735.4/52

- sign 186.187 $\pm$ 0.141 χ^2 /NDF: 300675.6/26

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 $\chi^2/\text{NDF}: 746939.9/17$

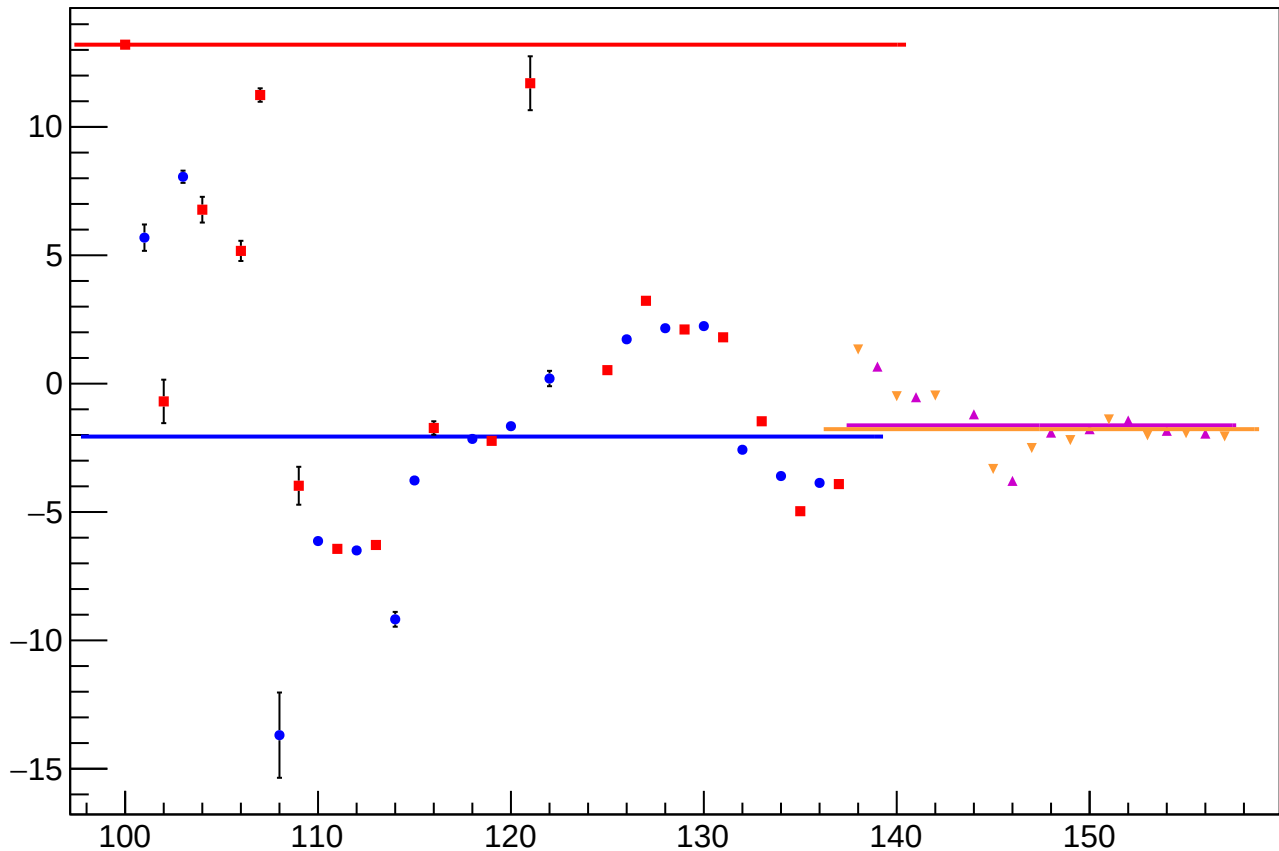
Left In: -41.324 ± 0.012 $\chi^2/\text{NDF}: 154724.6/8$

+ 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 $\chi^2/\text{NDF}: 2167077.2/26$

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

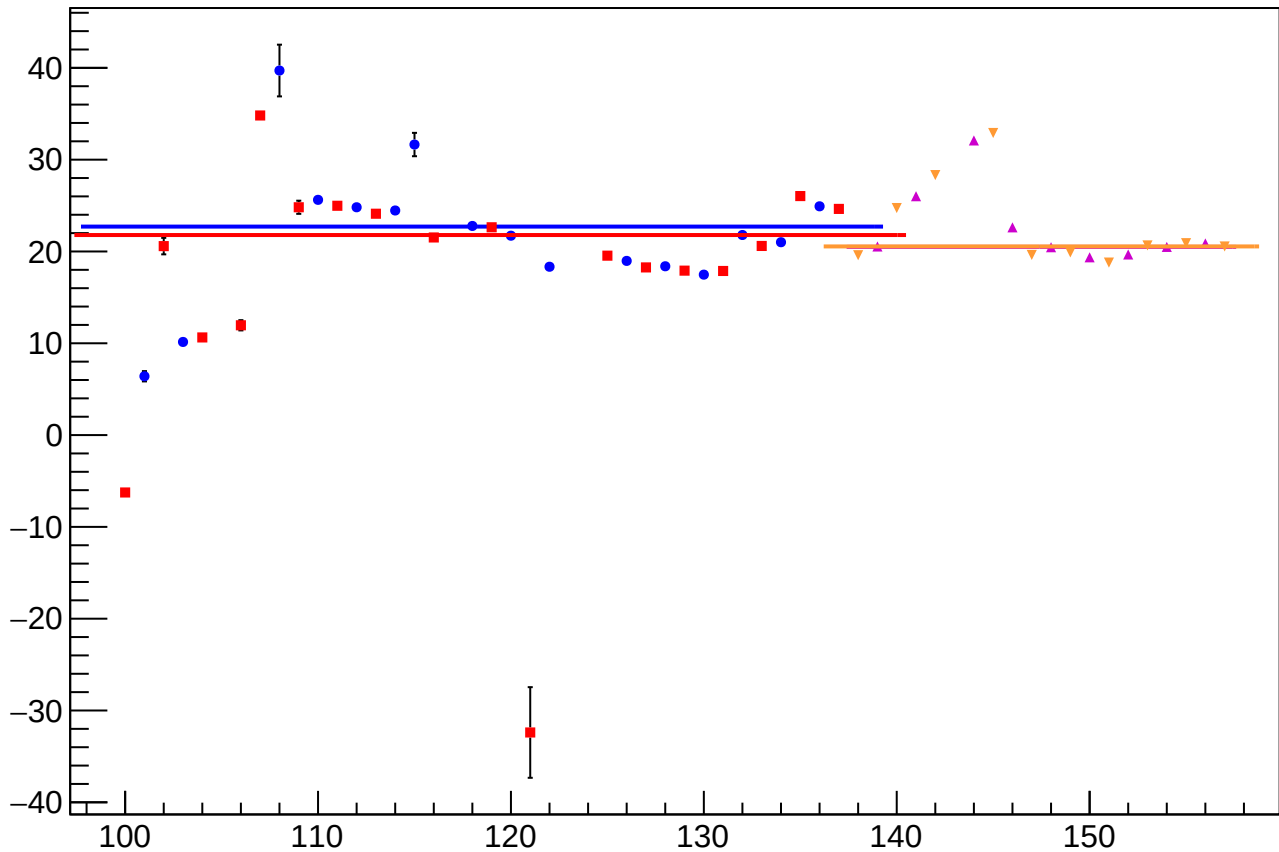
Left In: -1.625 ± 0.008 χ^2/NDF : 6546.1/8

+ sign -1.847 ± 0.009 χ^2/NDF : 33228.5/25

All: 13.204 ± 0.000 χ^2/NDF : 6529703.9/52

- sign 13.204 ± 0.000 χ^2/NDF : 3724219.0/26

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

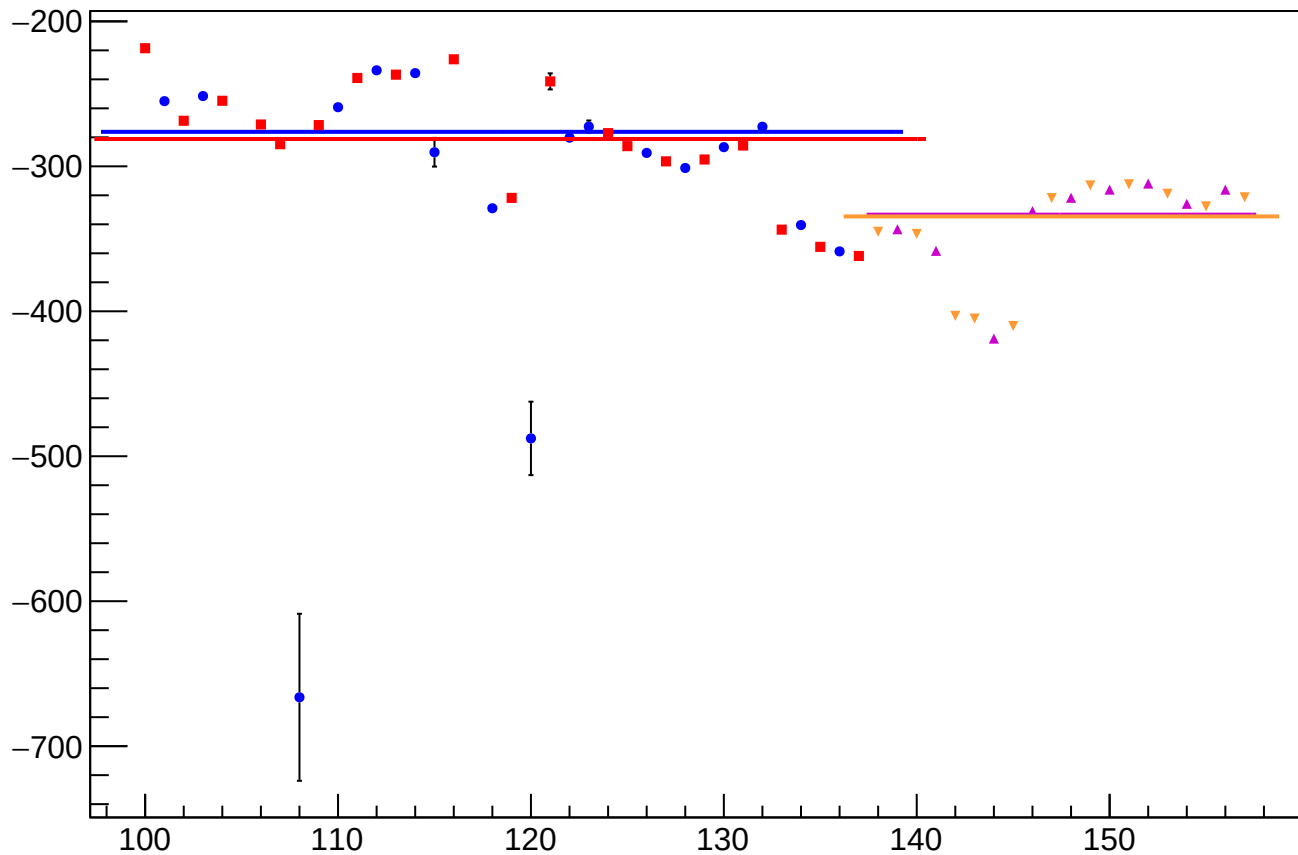
Left In: 20.500 $\pm$ 0.011 χ^2 /NDF:26705.6/8

+ sign 21.186 $\pm$ 0.010 χ^2 /NDF: 46672.5/25

All: 20.955 $\pm$ 0.007 χ^2 /NDF: 103910.1/52

- sign 20.753 $\pm$ 0.010 χ^2 /NDF: 56268.9/26

dit_usr_4aX_slope vs Slug



Right In: -276.201 $\pm$ 0.167 χ^2 /NDF: 58107.7/16

Left Out: -334.555 $\pm$ 0.171 χ^2 /NDF: 25386.5/10

Right Out: -281.150 $\pm$ 0.148 χ^2 /NDF: 77611.5/18

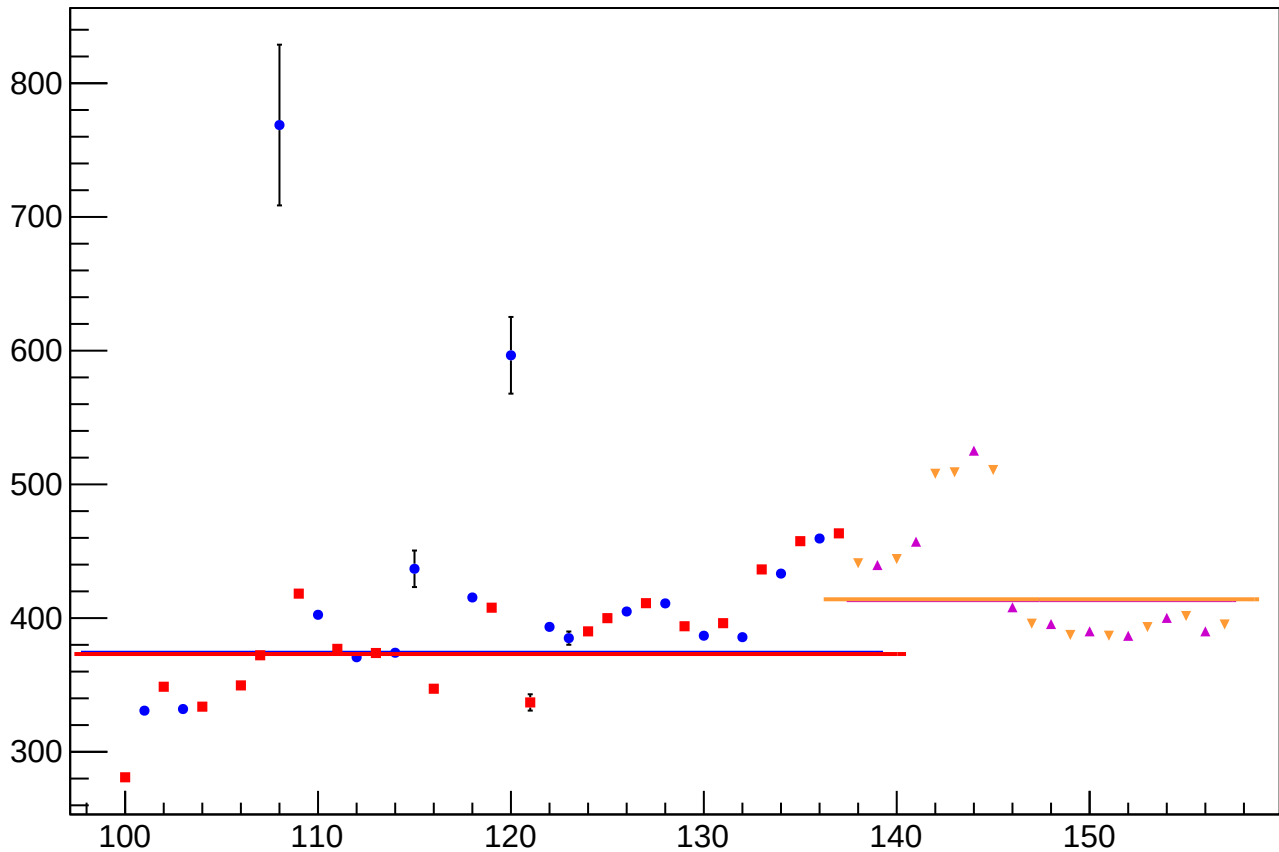
Left In: -333.350 $\pm$ 0.140 χ^2 /NDF: 32249.6/8

+ sign -304.591 $\pm$ 0.119 χ^2 /NDF: 143206.3/27

All: -306.908 $\pm$ 0.077 χ^2 /NDF: 319500.6/55

- sign -308.588 $\pm$ 0.102 χ^2 /NDF: 175644.5/27

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

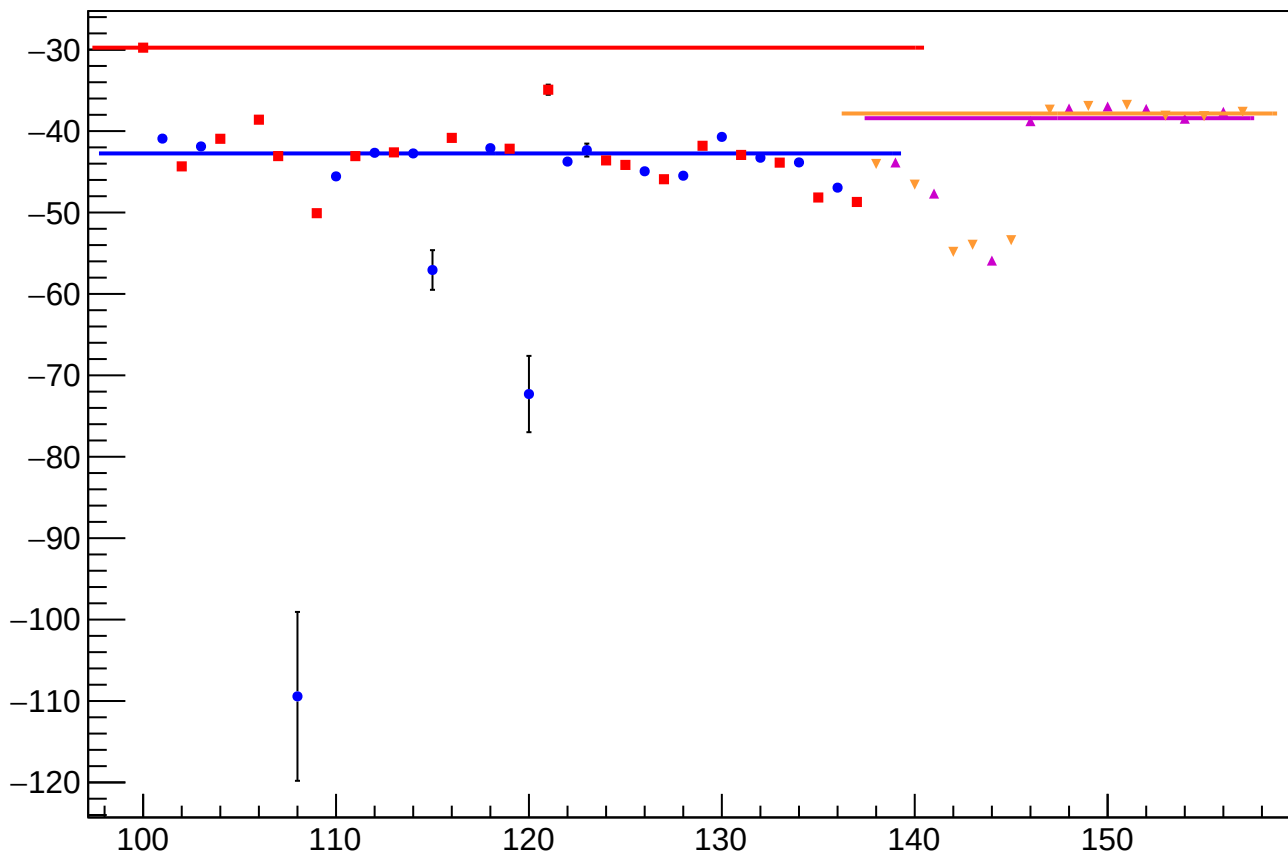
Left In: 413.452 $\pm$ 0.142 χ^2 /NDF:55920.0/8

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 136308.6/27

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 377138.7/55

- sign 395.409 $\pm$ 0.106 χ^2 /NDF: 200137.1/27

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.839 $\pm$ 0.005 χ^2 /NDF: 249400.8/10

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

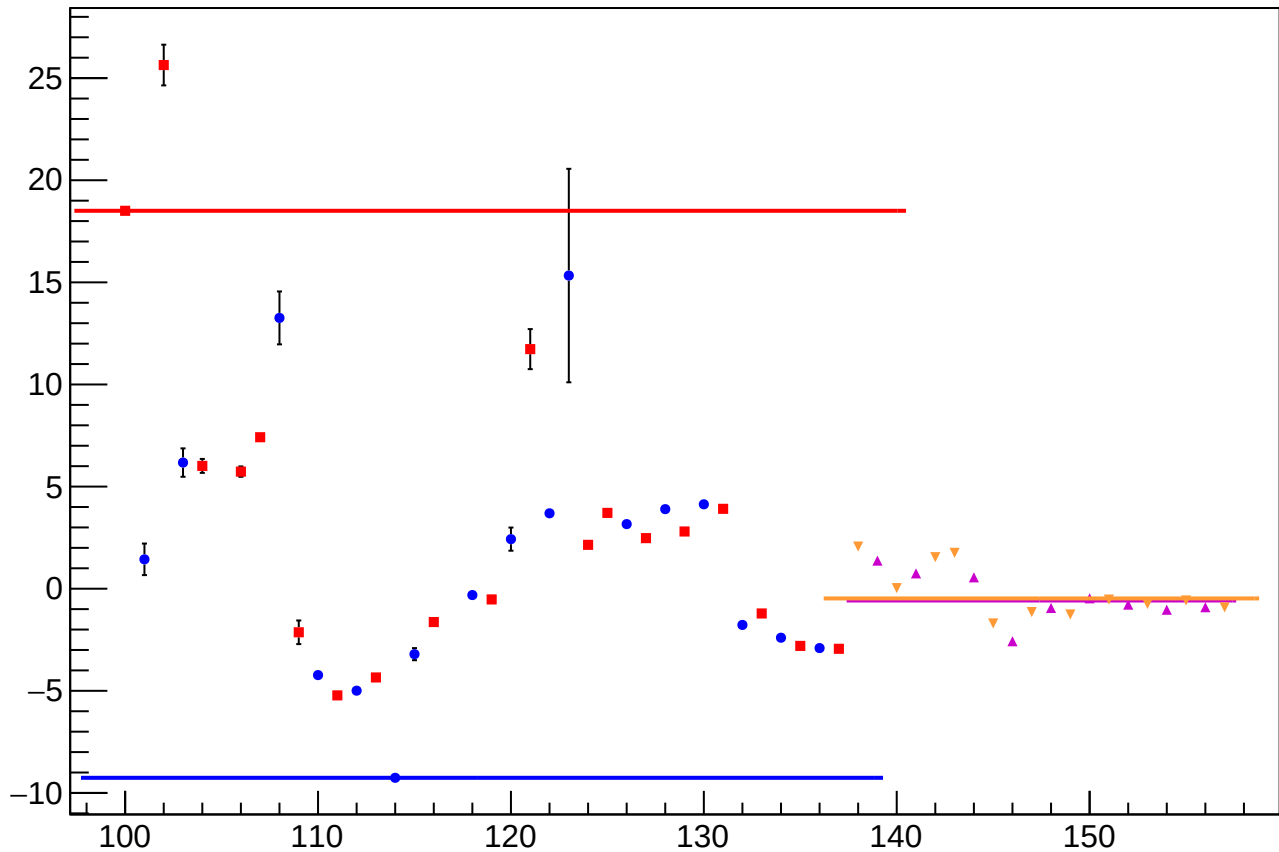
Left In: -38.416 $\pm$ 0.007 χ^2 /NDF: 138718.9/8

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 1101769.8/27

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 2290648.9/27

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: -0.476 ± 0.009 χ^2/NDF : 11542.8/10

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

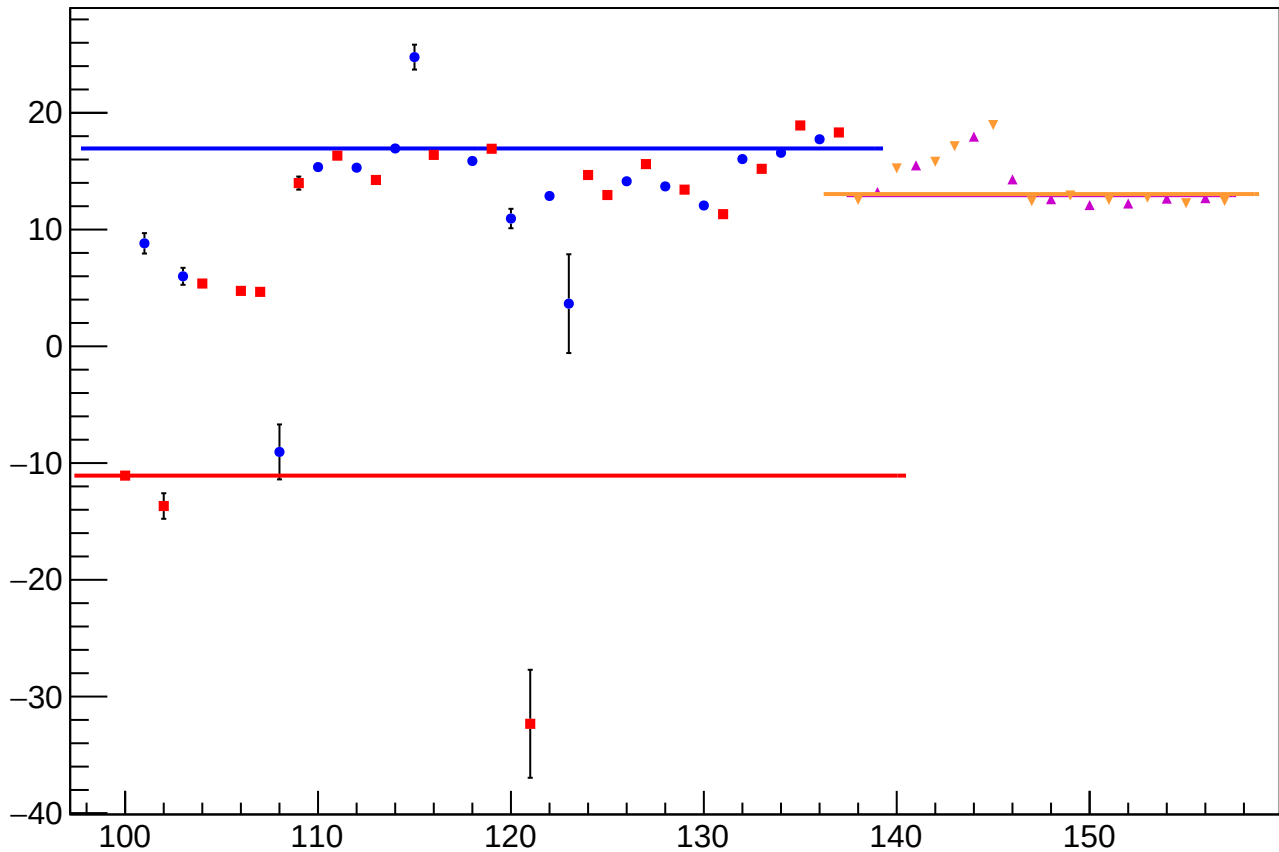
Left In: -0.577 ± 0.009 χ^2/NDF : 8758.6/8

+ sign -9.259 ± 0.000 χ^2/NDF : 1385699.1/27

All: 6.039 ± 0.000 χ^2/NDF : 1645057450595

- sign 18.504 ± 0.000 χ^2/NDF : 12327301.0/27

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

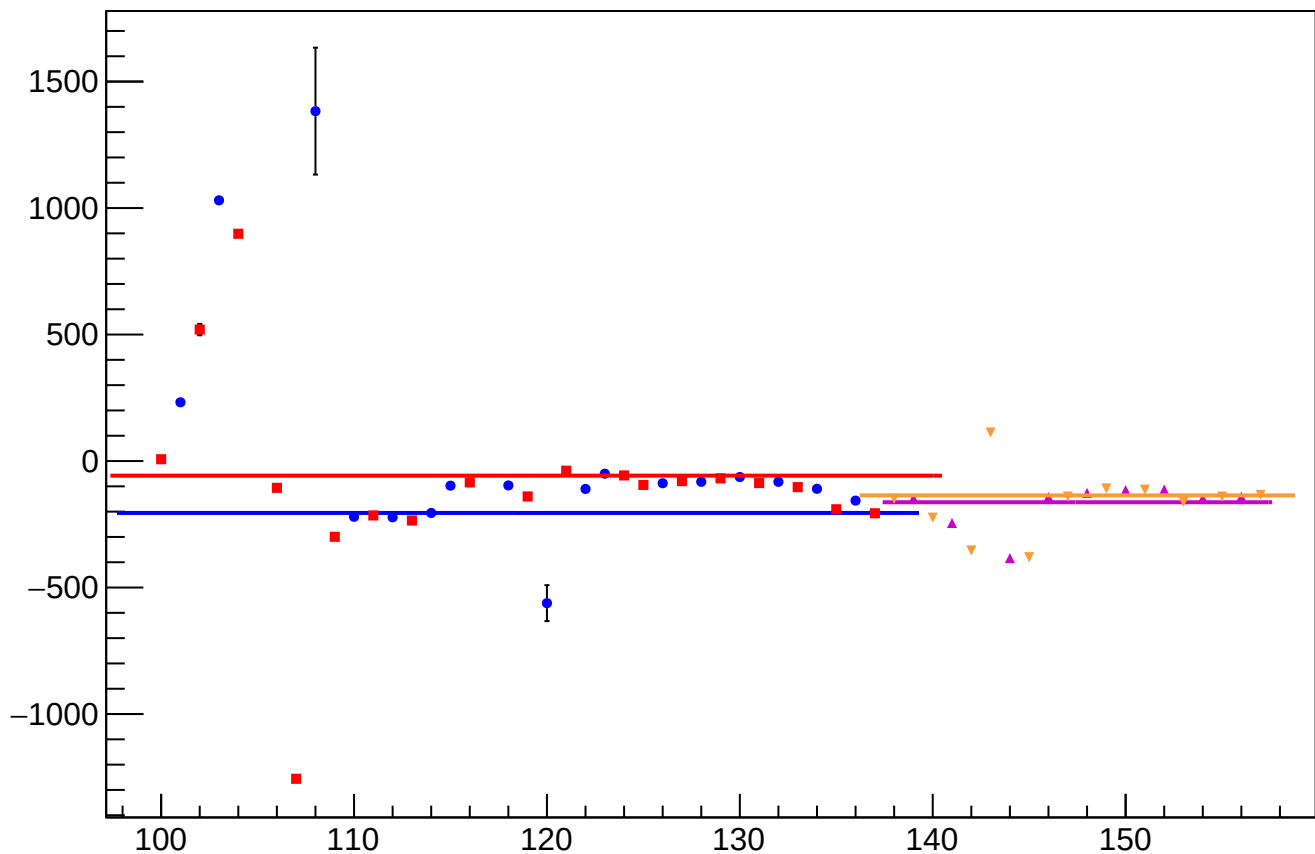
Left In: 12.945+/-0.012 χ^2 /NDF:9582.2/8

+ 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: 6597806.2/27

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 $\chi^2/\text{NDF}: 114854.9/18$

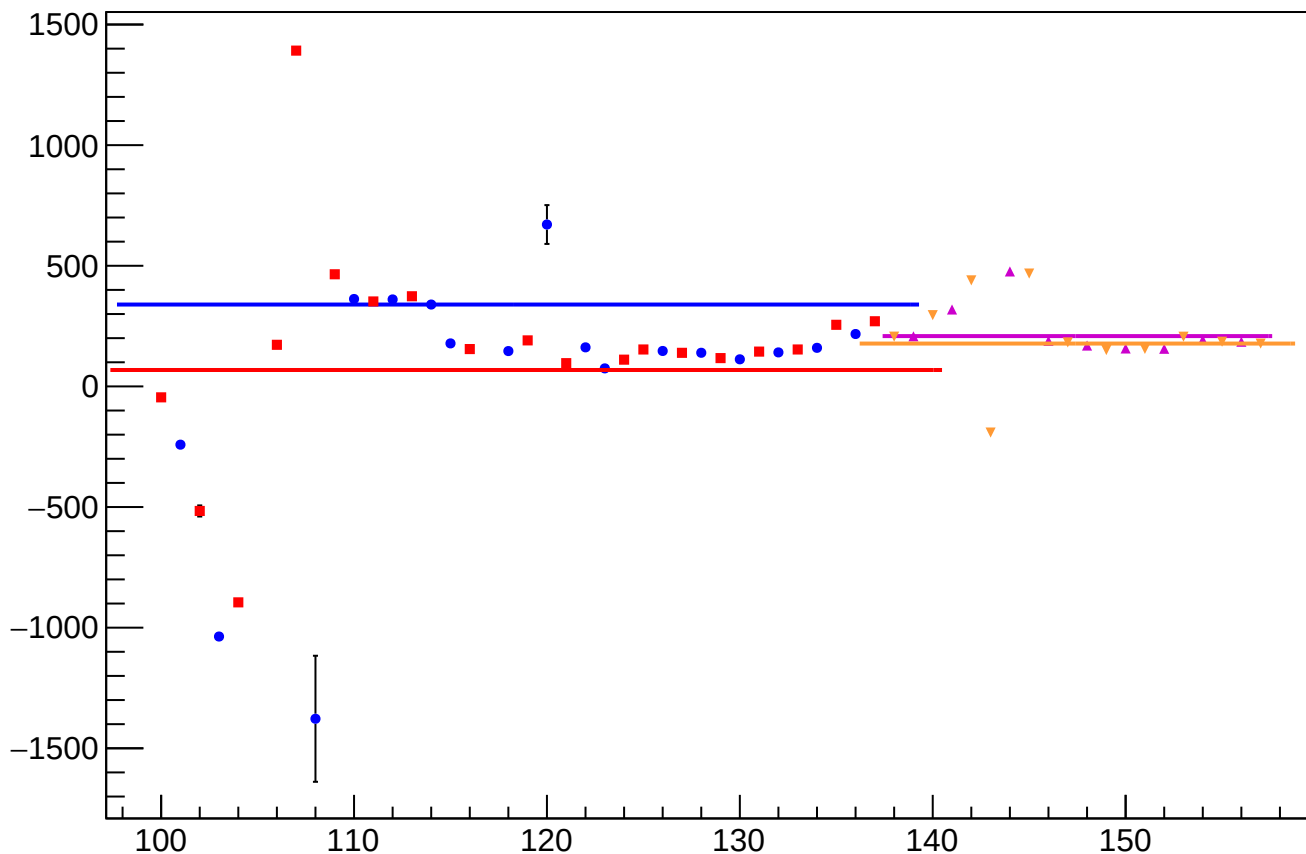
Left In: -162.852 ± 0.376 $\chi^2/\text{NDF}: 37925.2/8$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 676431.4/27$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1112786.6/55$

- sign -95.820 ± 0.226 $\chi^2/\text{NDF}: 202734.6/27$

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

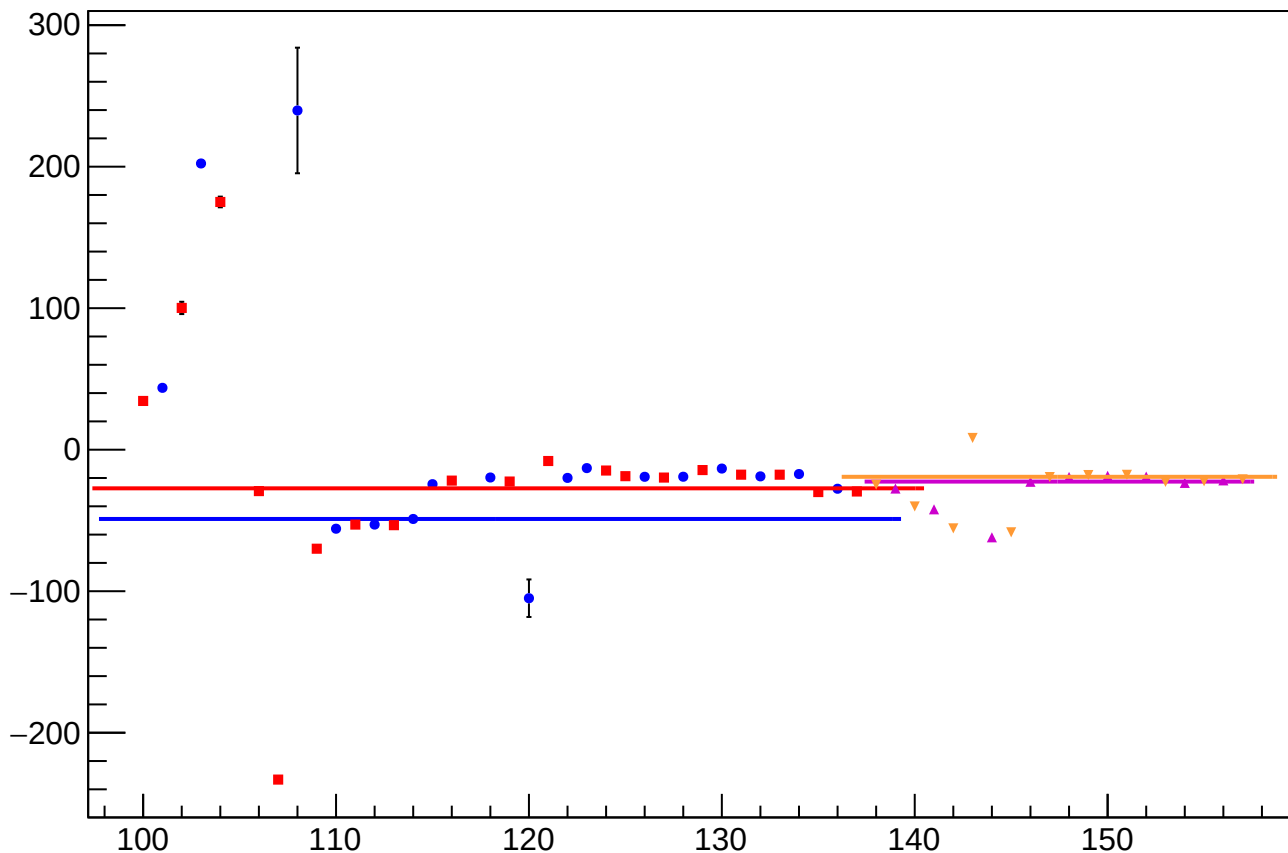
Left In: 208.541+/-0.382 χ^2/NDF : 44459.2/8

+ sign 339.325+/-0.000 χ^2/NDF : 1382428.8/27

All: 339.325+/-0.000 χ^2/NDF : 2716017.3/55

- sign 118.579+/-0.229 χ^2/NDF : 403590.9/27

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

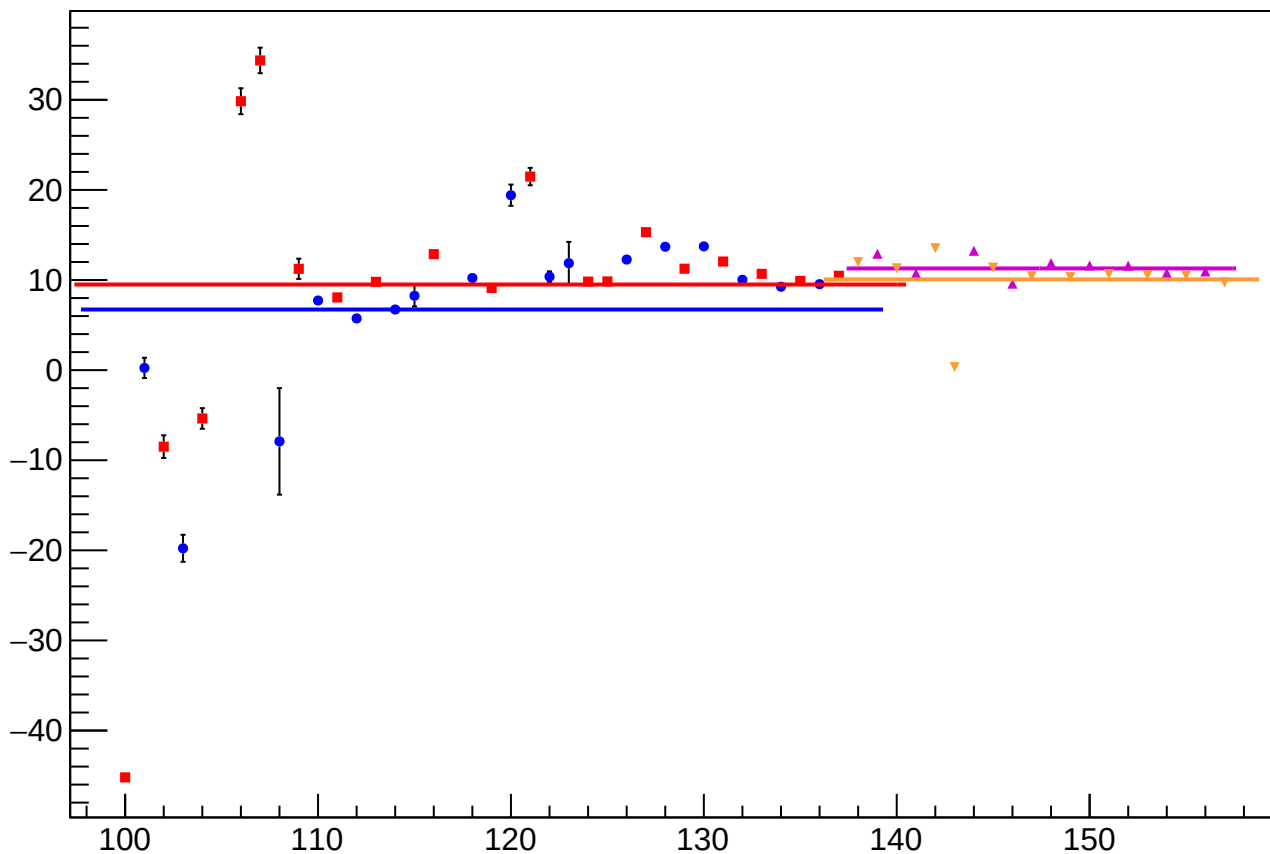
Left In: -22.536 ± 0.022 χ^2/NDF : 119030.1/8

+ sign -48.945 ± 0.000 χ^2/NDF : 10557432.9/27

All: -48.945 ± 0.000 χ^2/NDF : 12494715.3/55

- sign -23.253 ± 0.020 χ^2/NDF : 294135.4/27

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 10.073 $\pm$ 0.021 χ^2 /NDF: 20842.5/10

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

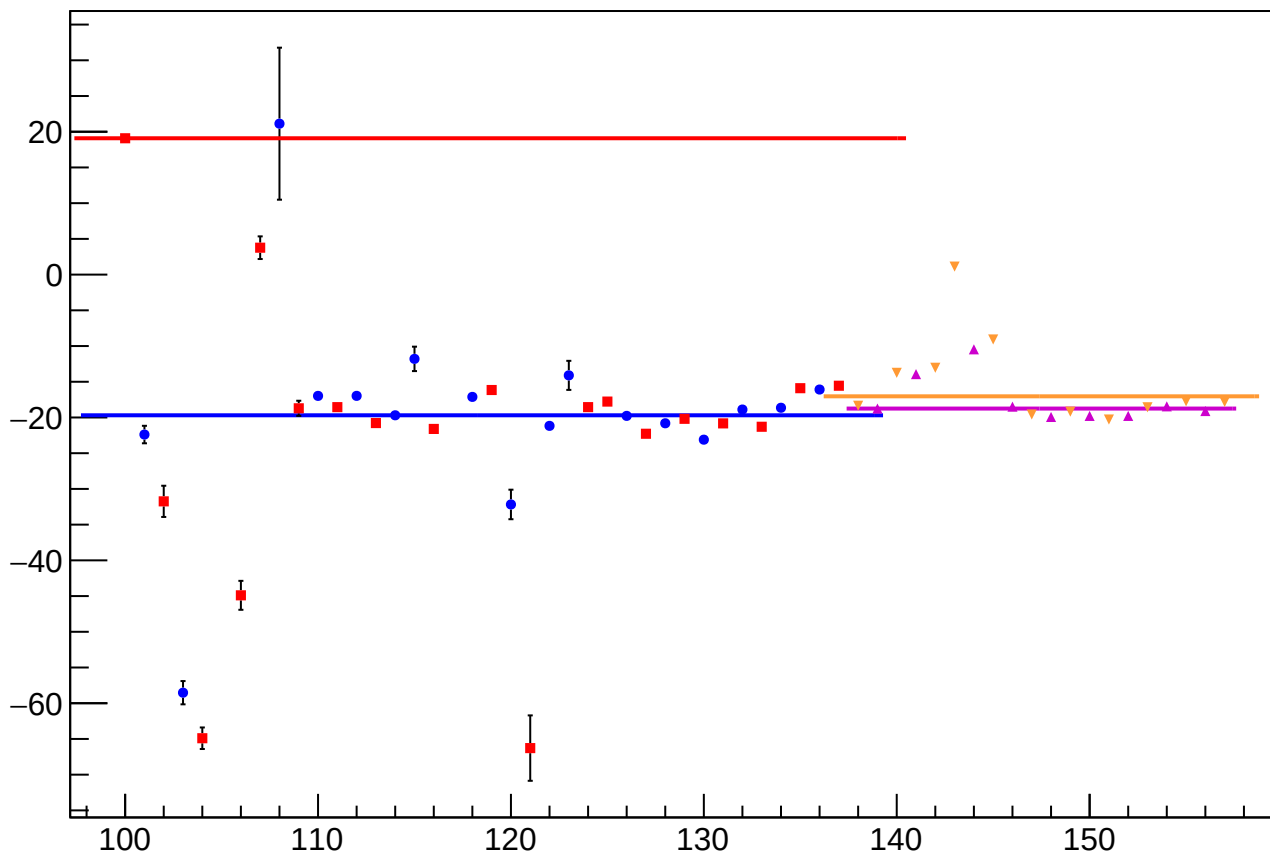
Left In: 11.286 $\pm$ 0.018 χ^2 /NDF: 2447.9/8

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 59531.6/27

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 159431.9/55

- sign 10.925 $\pm$ 0.016 χ^2 /NDF: 31270.7/27

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

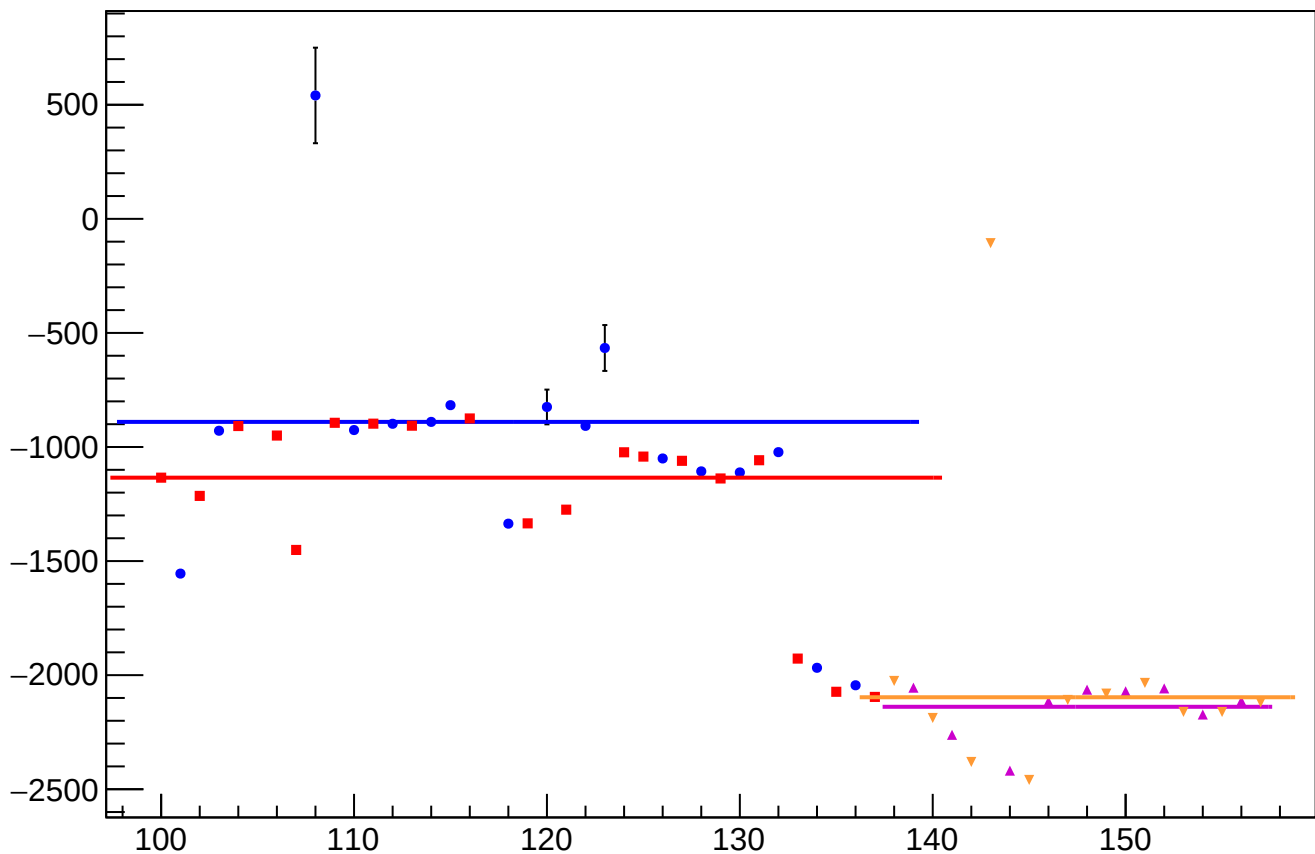
Left In: -18.752 ± 0.024 χ^2/NDF : 5443.9/8

+ 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 : 3208317.2/27

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

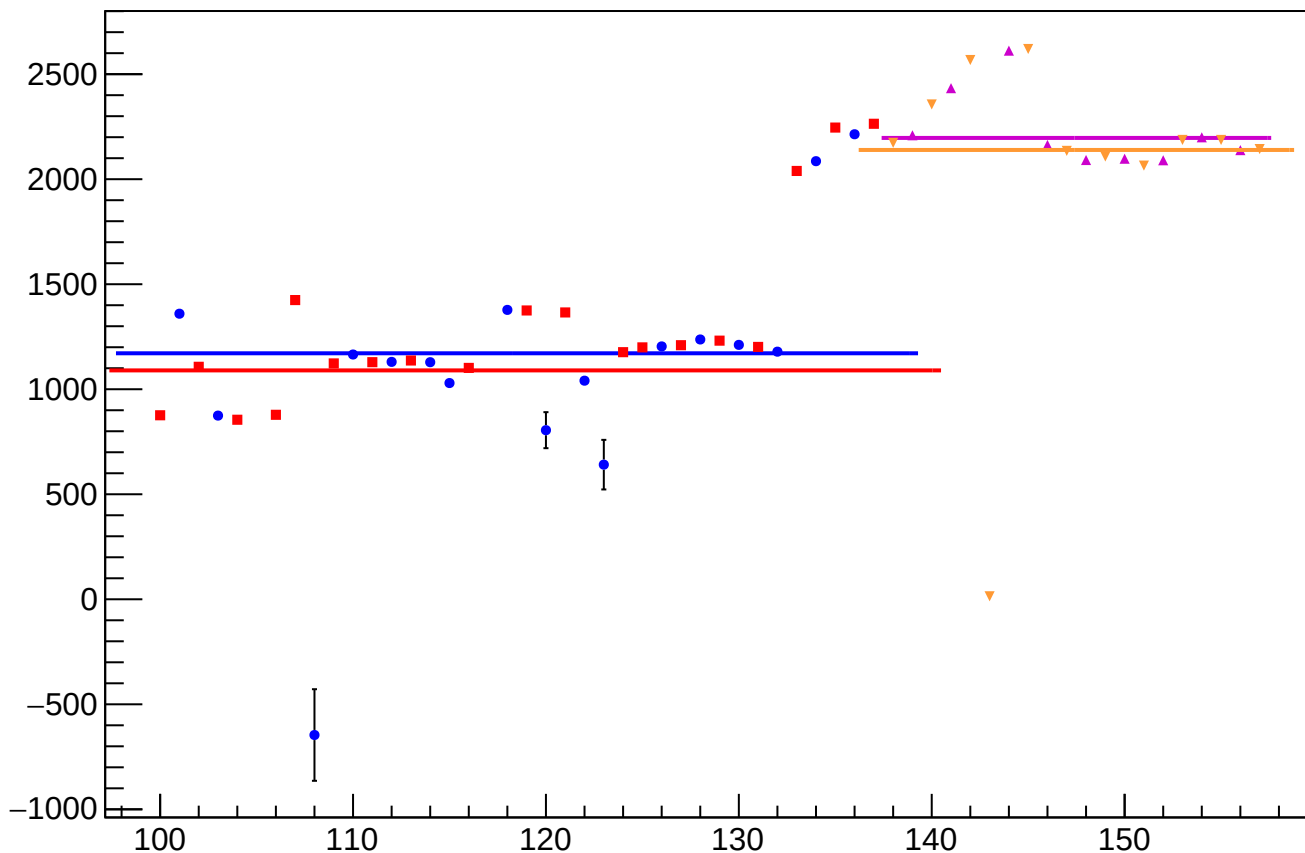
Left In: -2138.693+/-0.604 χ^2/NDF : 31645.1/8

+ 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 : 3527066.5/27

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2139.236 $\pm$ 0.541 χ^2 /NDF:302261.3/10

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

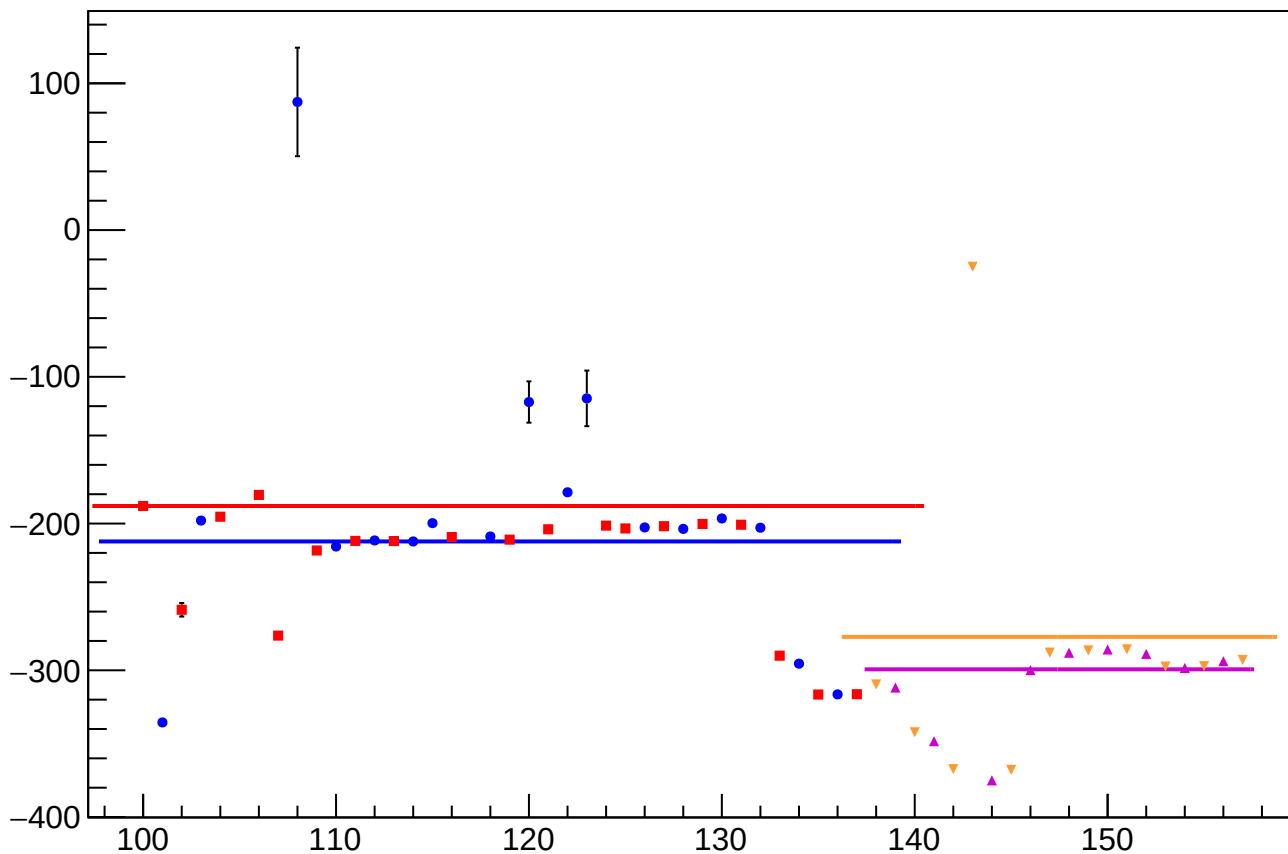
Left In: 2196.538 $\pm$ 0.617 χ^2 /NDF:55465.4/8

+ sign 1336.268 $\pm$ 0.223 χ^2 /NDF: 3465466.1/27

All: 1294.927 $\pm$ 0.162 χ^2 /NDF: 7445363.1/55

- sign 1249.428 $\pm$ 0.234 χ^2 /NDF: 3908012.7/27

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

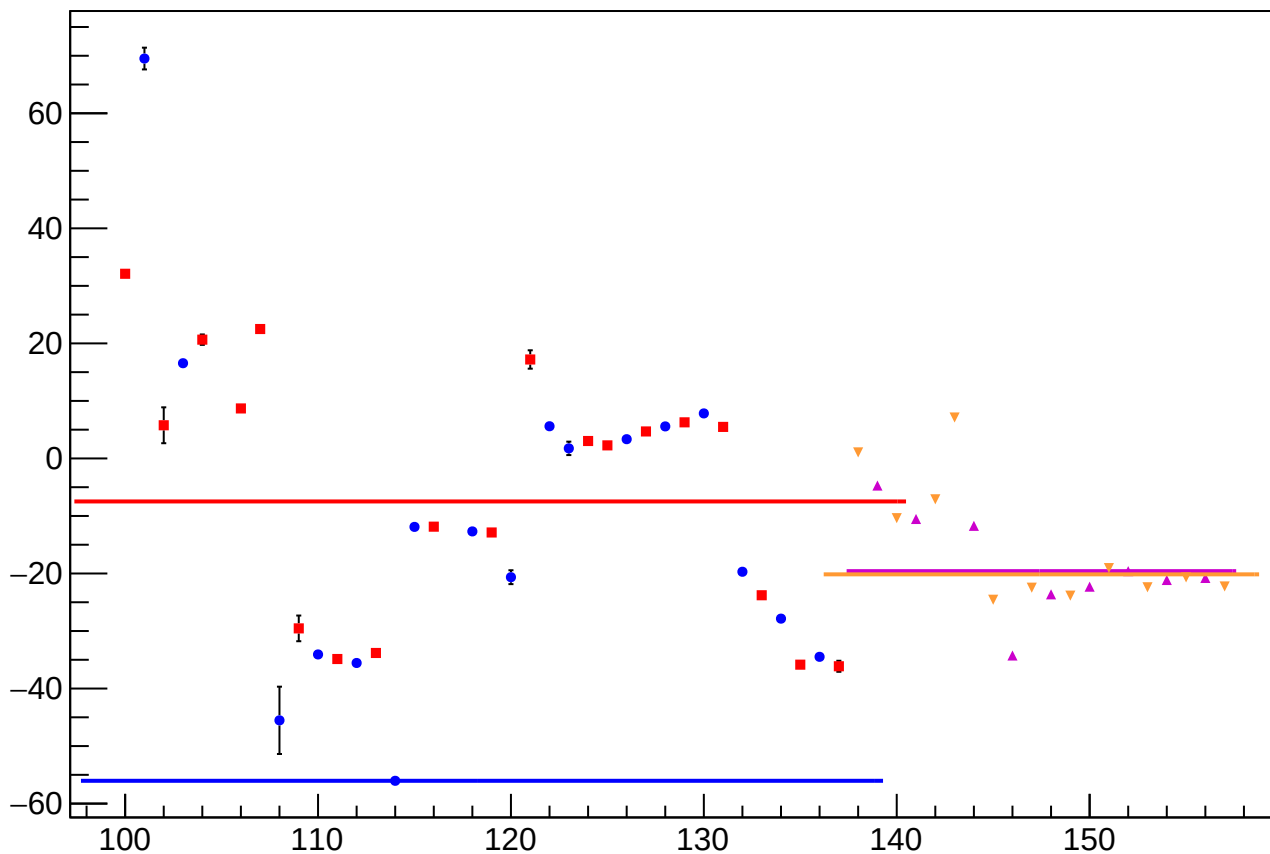
Left In: -299.324+/-0.037 χ^2/NDF : 272412.5/8

+ 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 : 10057865.4/27

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -20.149 ± 0.032 χ^2/NDF : 44275.5/10

Right Out: -7.476 ± 0.042 χ^2/NDF : 173893.8/18

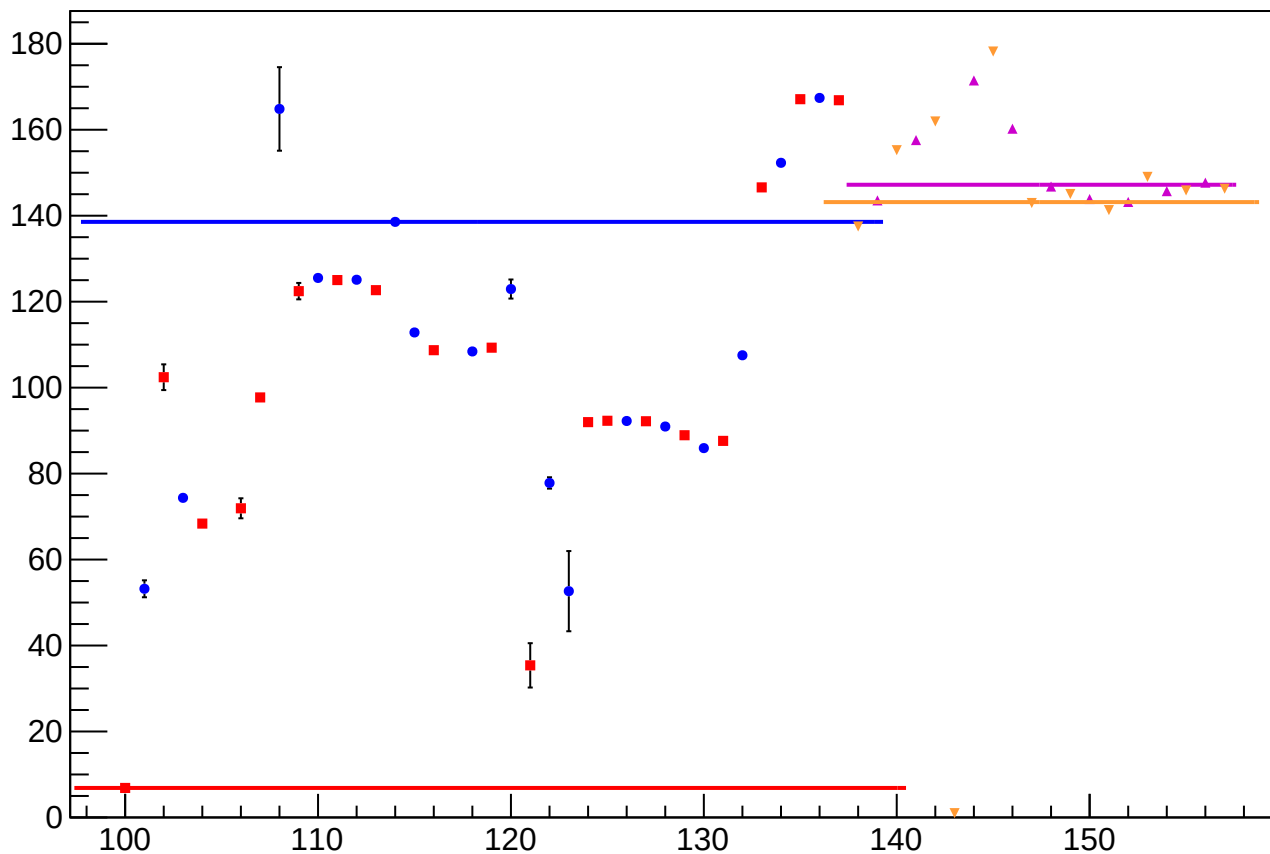
Left In: -19.591 ± 0.033 χ^2/NDF : 25657.9/8

+ sign -56.037 ± 0.000 χ^2/NDF : 2897556.5/27

All: -56.037 ± 0.000 χ^2/NDF : 5648853.5/55

- sign -15.006 ± 0.026 χ^2/NDF : 250824.7/27

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

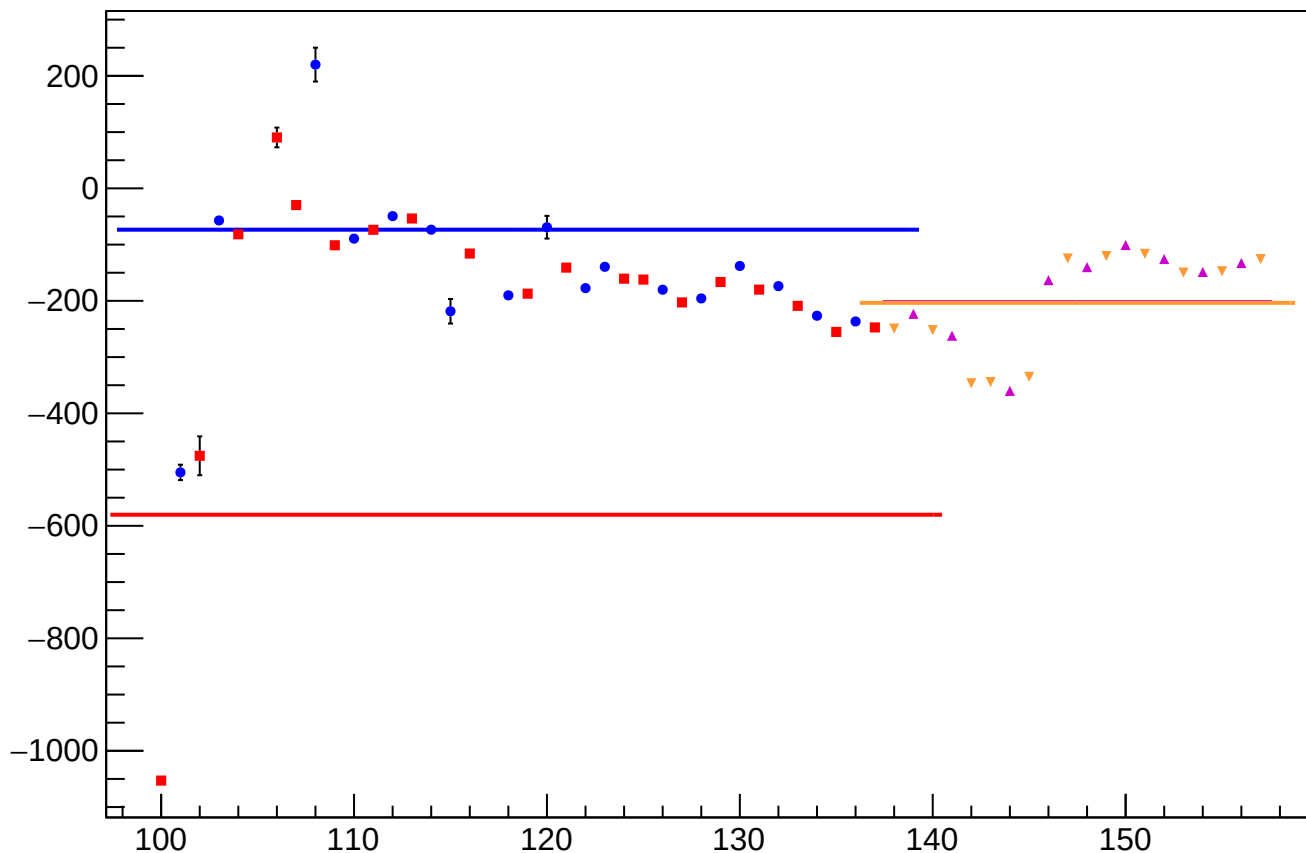
Left In: 147.201 $\pm$ 0.040 χ^2 /NDF:18199.4/8

+ 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: 20518535.3/27

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -203.558 ± 0.341 $\chi^2/\text{NDF}: 57251.1/10$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

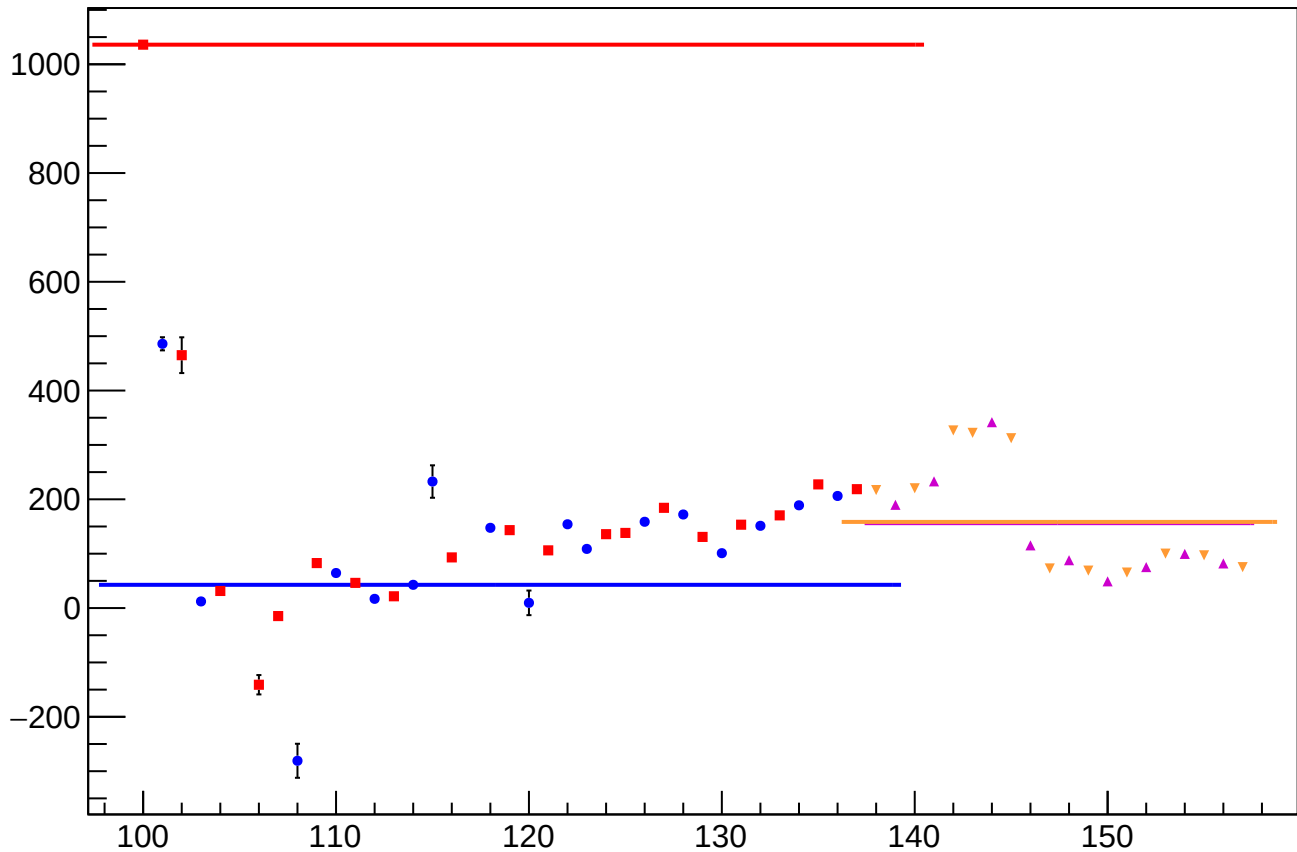
Left In: -202.169 ± 0.381 $\chi^2/\text{NDF}: 50172.2/8$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 301067.8/27$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7268699.4/55$

- sign -459.546 ± 0.215 $\chi^2/\text{NDF}: 3752098.3/27$

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

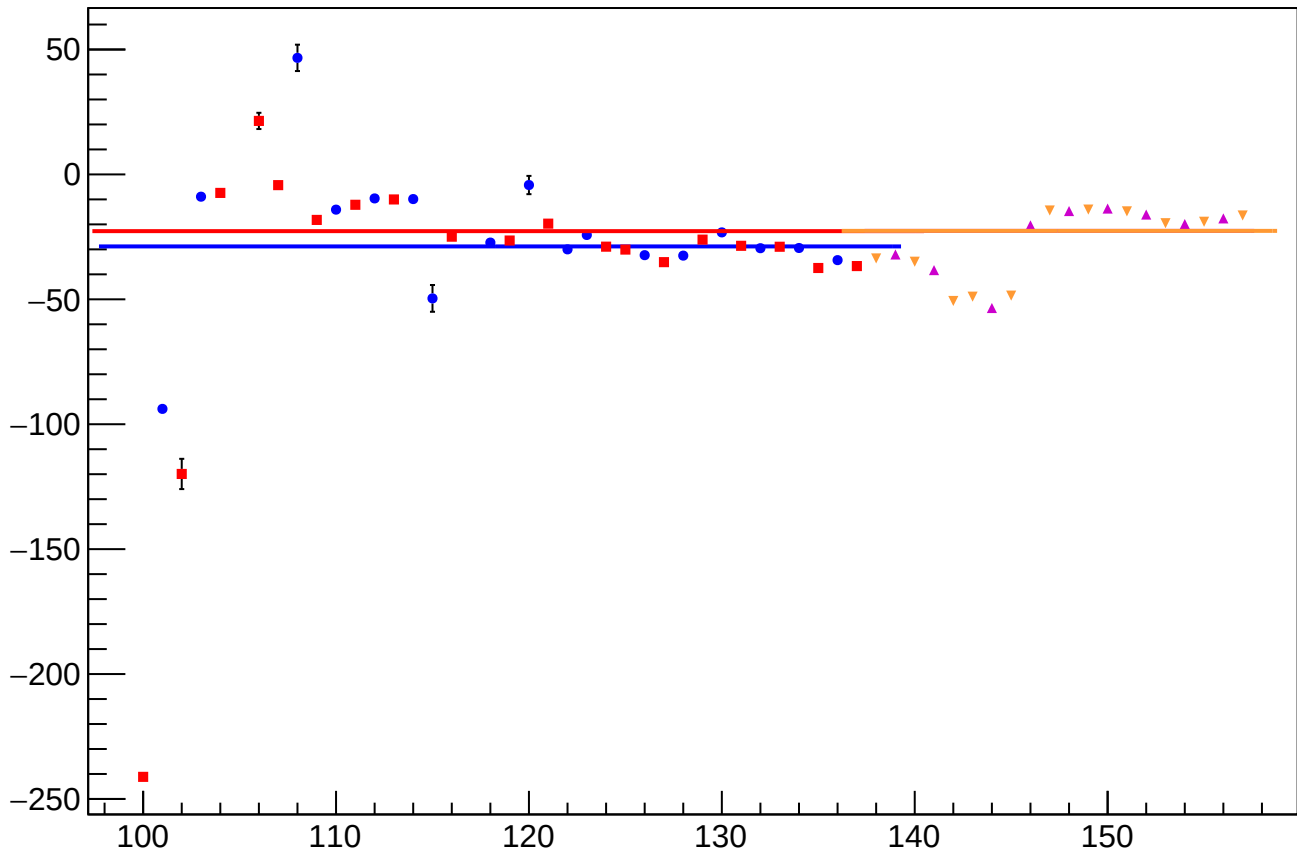
Left In: 156.117+/-0.390 χ^2/NDF : 59121.6/8

+ sign 42.743+/-0.000 χ^2/NDF : 266869.3/27

All: 43.272+/-0.000 χ^2/NDF : 114451749726

- sign 1036.068+/-0.000 χ^2/NDF : 10079636.4/27

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -22.601 ± 0.018 $\chi^2/\text{NDF}: 312510.2/10$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

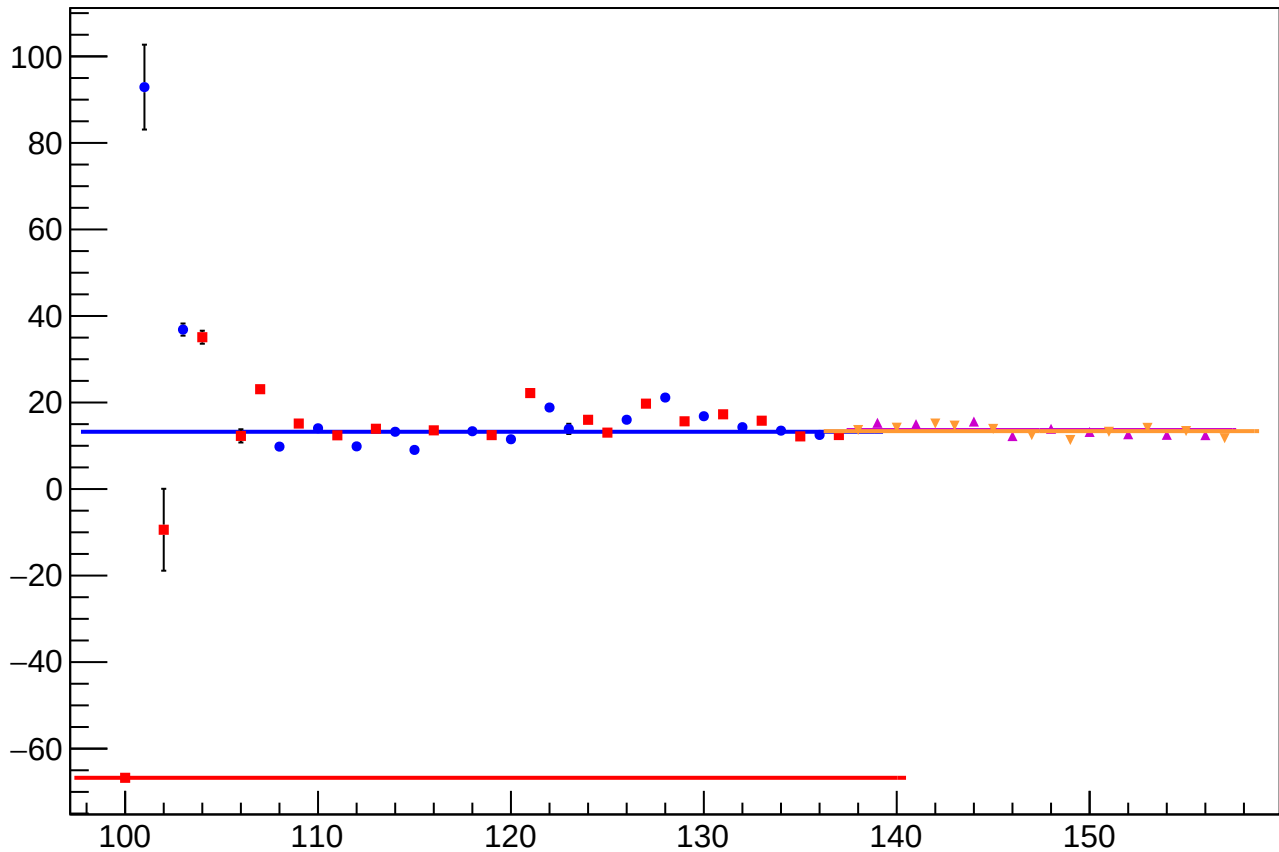
Left In: -22.612 ± 0.024 $\chi^2/\text{NDF}: 167064.6/8$

+ sign -23.864 ± 0.016 $\chi^2/\text{NDF}: 387575.0/27$

All: -23.402 ± 0.012 $\chi^2/\text{NDF}: 967127.1/55$

- sign -22.639 ± 0.020 $\chi^2/\text{NDF}: 577243.9/27$

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

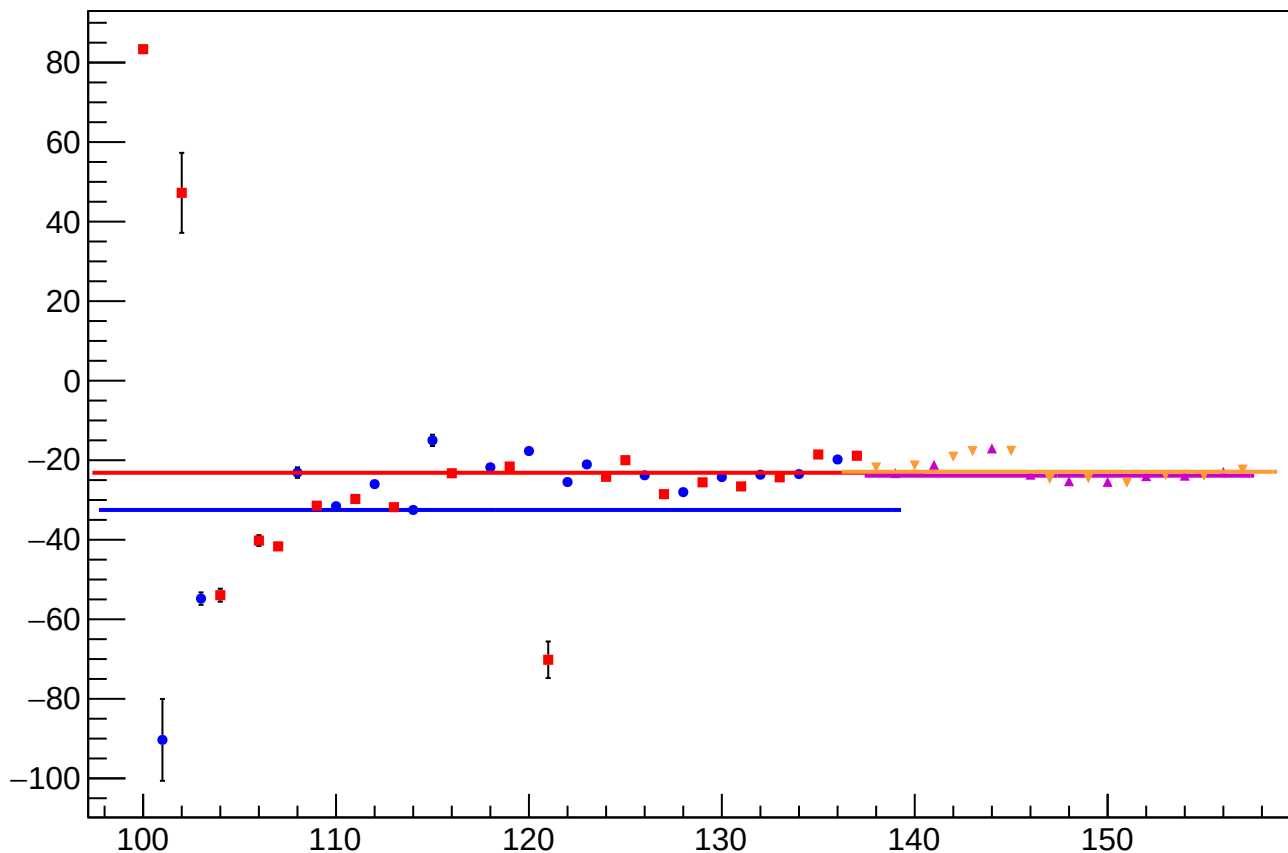
Left In: 13.641+/-0.021 χ^2/NDF : 3466.6/8

+ 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 : 17881581.9/27

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

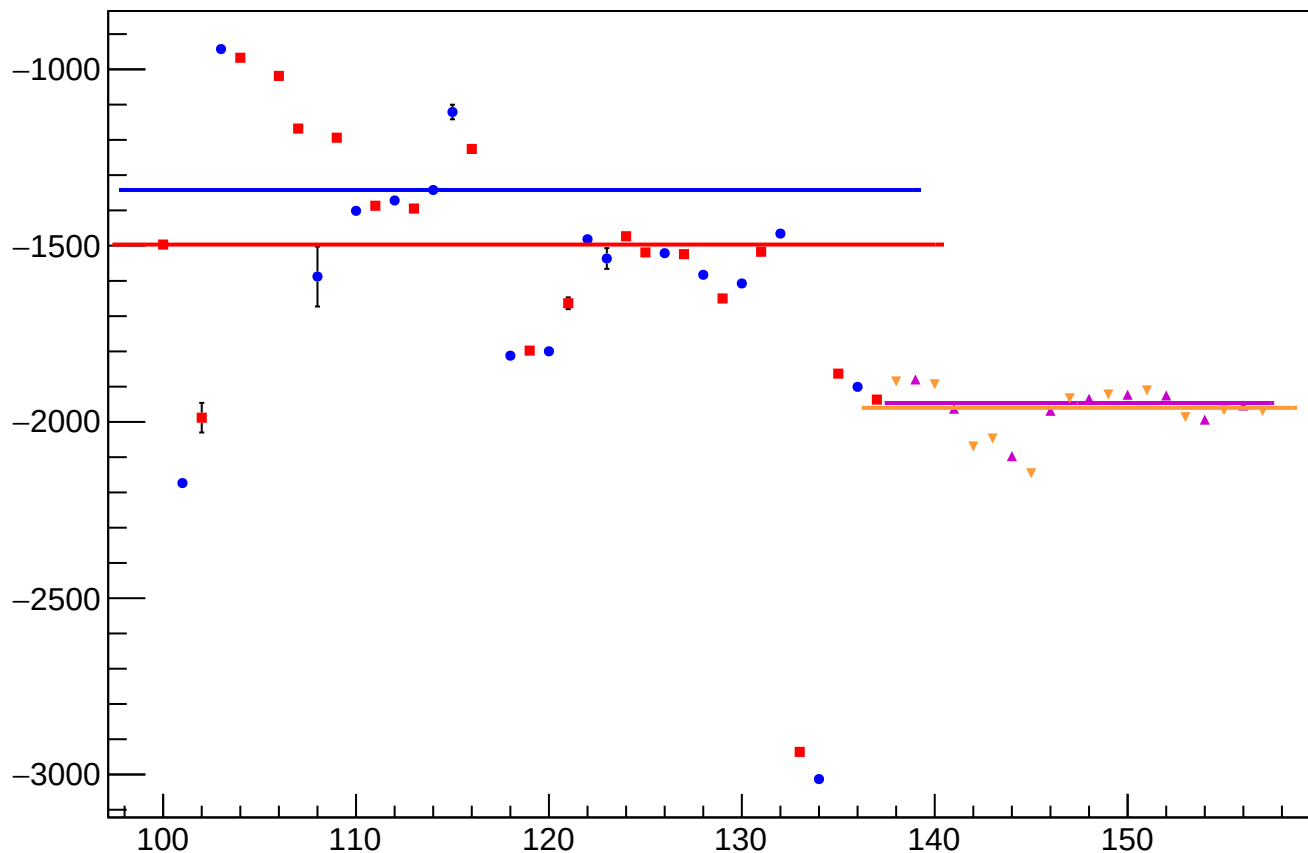
Left In: -23.888 ± 0.022 χ^2/NDF : 5923.4/8

+ sign -32.504 ± 0.000 χ^2/NDF : 250007.6/27

All: -32.504 ± 0.000 χ^2/NDF : 544688.1/55

- sign -23.763 ± 0.020 χ^2/NDF : 96871.6/27

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

Left Out: -1960.052 $\pm$ 0.481 χ^2 /NDF: 14153.8/10

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 504712.5/18

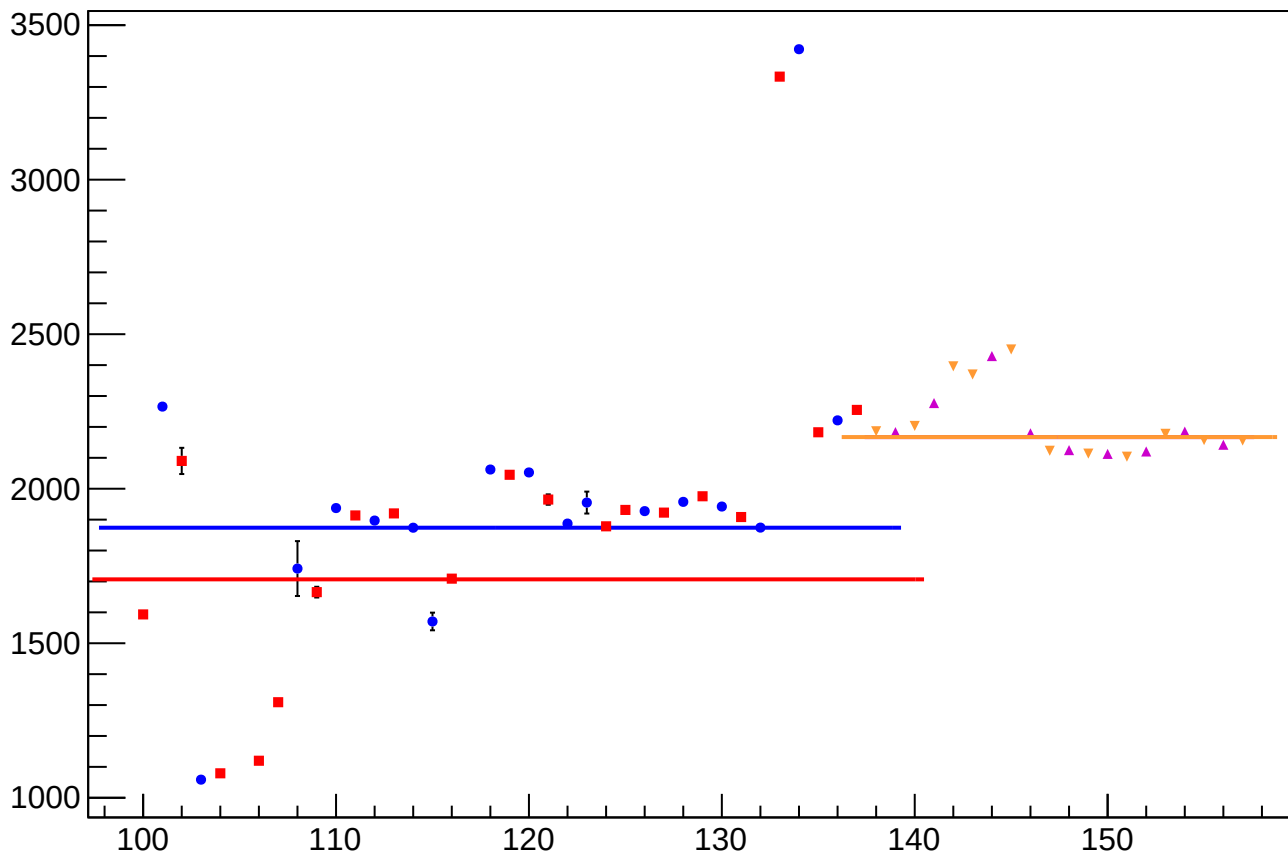
Left In: -1946.286 $\pm$ 0.401 χ^2 /NDF: 15639.8/8

+ sign -1342.107 $\pm$ 0.000 χ^2 /NDF: 2033663.4/27

All: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126

- sign -1496.932 $\pm$ 0.000 χ^2 /NDF: 1775406.3/27

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

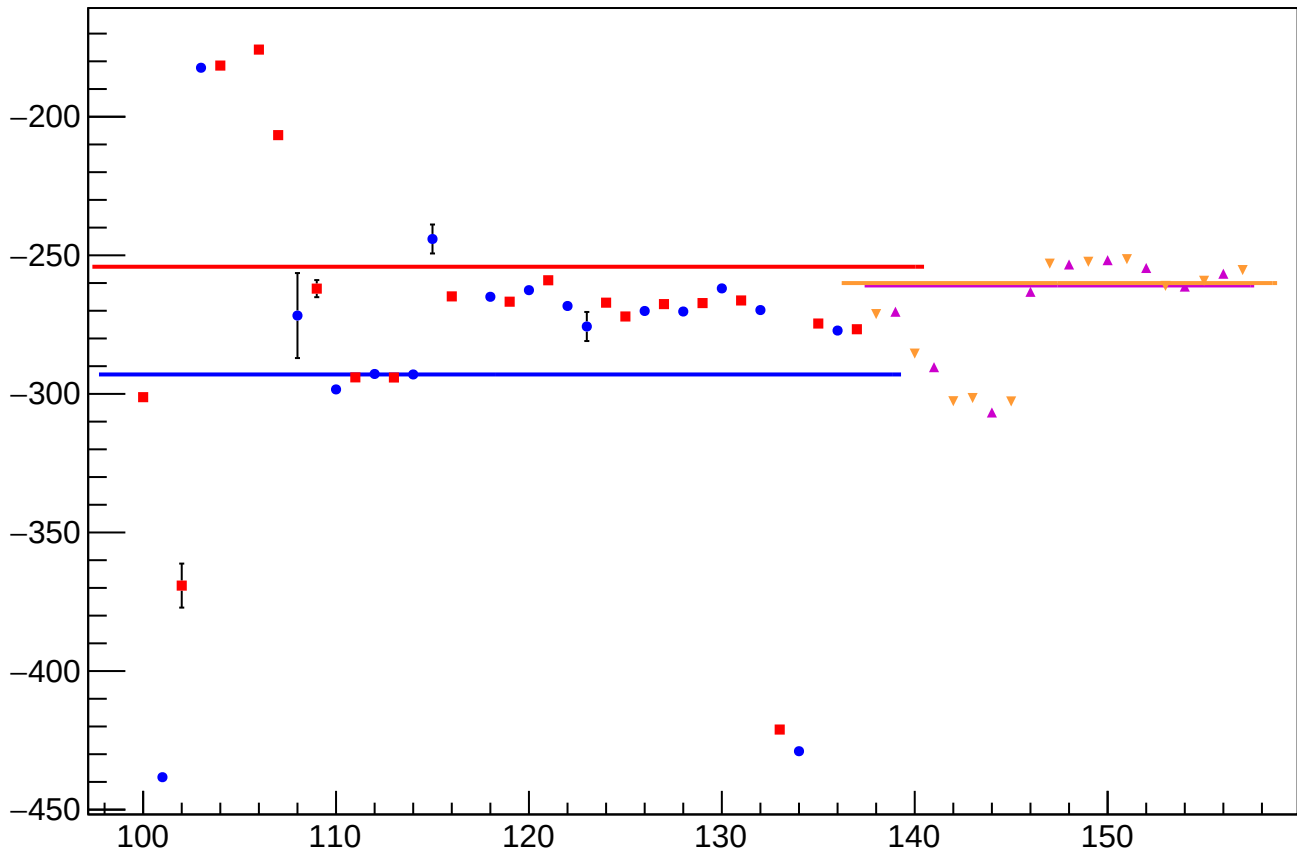
Left In: 2167.010+/-0.403 χ^2/NDF : 35696.7/8

+ sign 1873.852+/-0.000 χ^2/NDF : 594706.6/27

All: 1873.852+/-0.000 χ^2/NDF : 2304121.0/55

- sign 1872.778+/-0.242 χ^2/NDF : 1709394.7/27

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

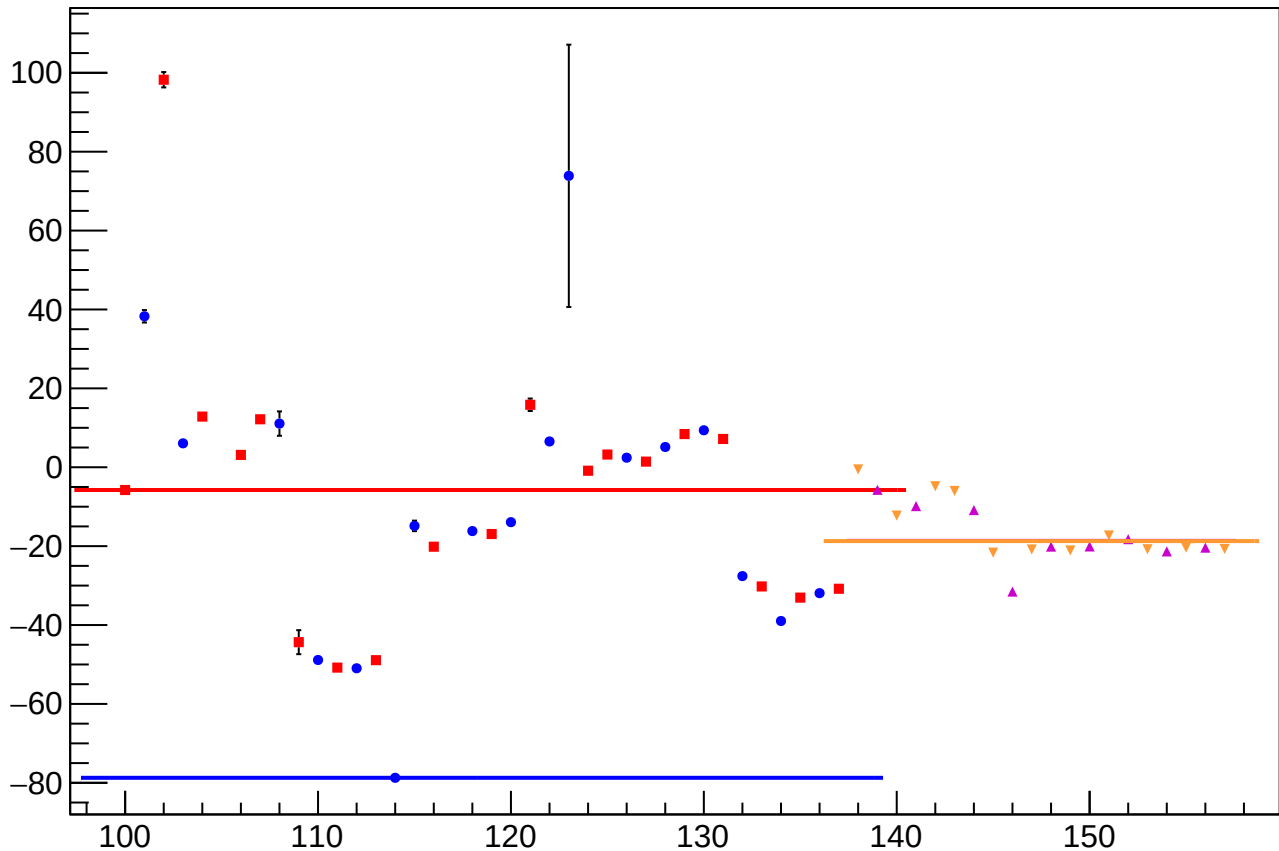
Left In: -260.876 ± 0.024 χ^2/NDF : 230450.3/8

+ sign -292.986 ± 0.000 χ^2/NDF : 2664600.6/27

All: -292.986 ± 0.000 χ^2/NDF : 5578840.4/55

- sign -259.897 ± 0.022 χ^2/NDF : 744326.2/27

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -18.718 ± 0.030 $\chi^2/\text{NDF}: 20282.5/10$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

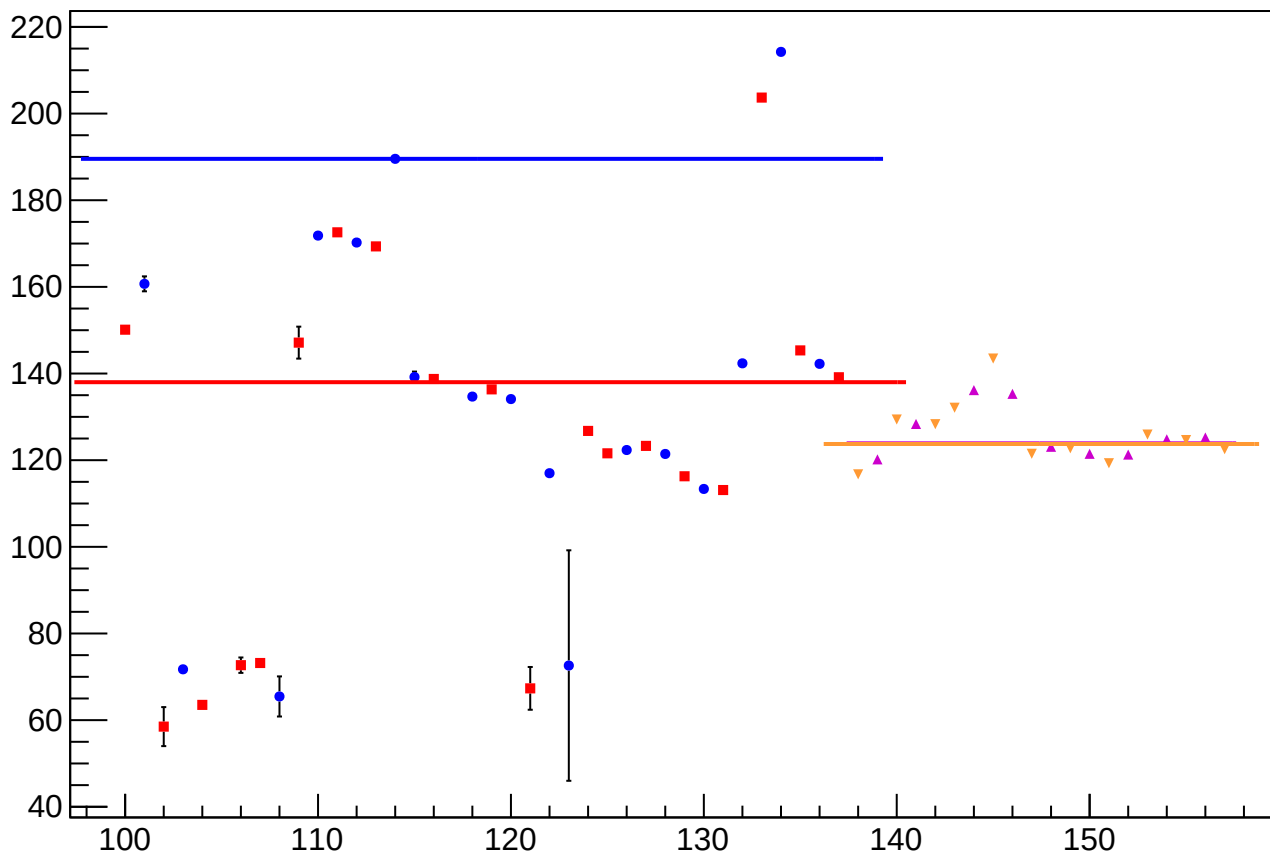
Left In: -18.663 ± 0.025 $\chi^2/\text{NDF}: 35179.5/8$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 5322358.0/27$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

- sign -5.769 ± 0.000 $\chi^2/\text{NDF}: 411476.5/27$

dit_atr2_4eY_slope vs Slug



Right In: 189.551 ± 0.000 χ^2/NDF : 927391.8/16

Left Out: 123.736 ± 0.033 χ^2/NDF : 10440.3/10

Right Out: 138.002 ± 0.059 χ^2/NDF : 117357.8/18

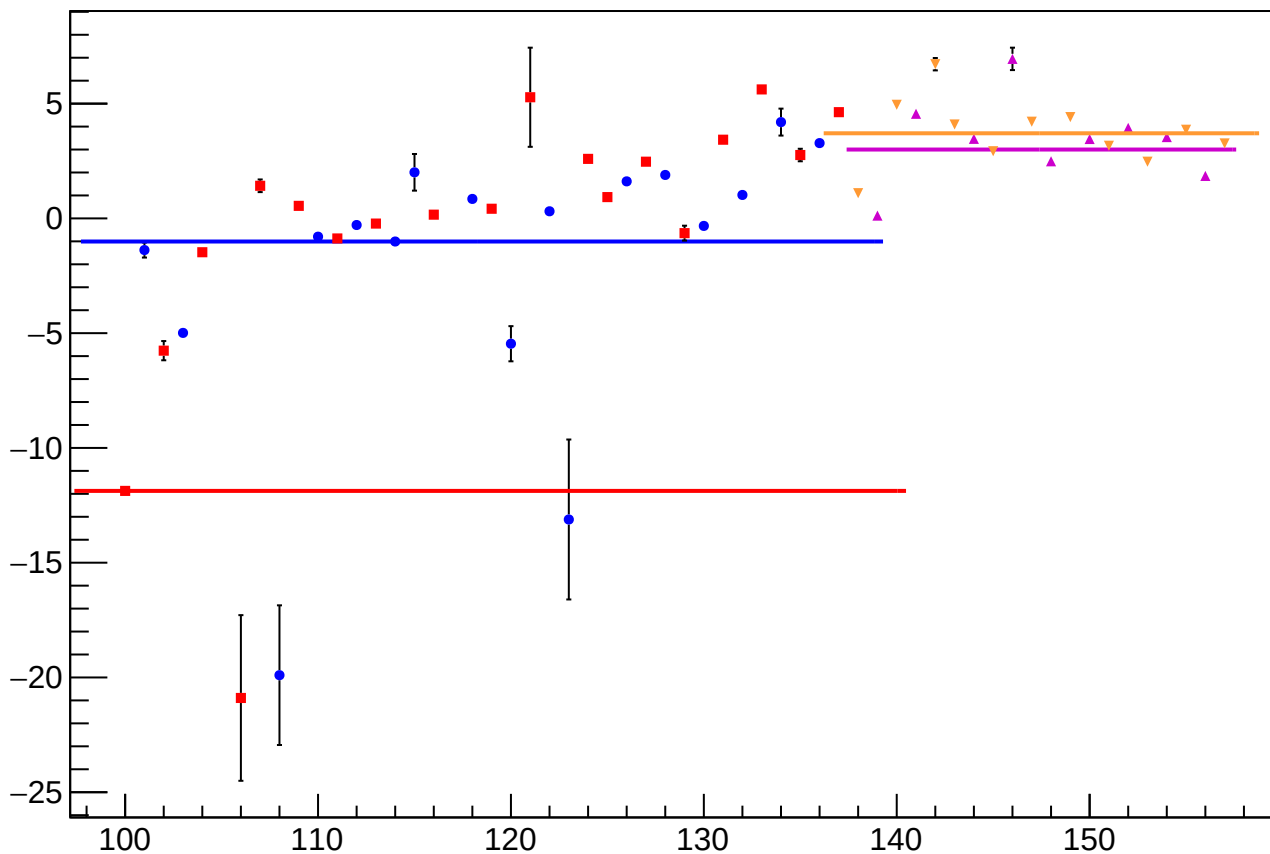
Left In: 123.896 ± 0.035 χ^2/NDF : 9457.4/8

+ sign 189.551 ± 0.000 χ^2/NDF : 4927143.8/27

All: 189.551 ± 0.000 χ^2/NDF : 9309885.0/55

- sign 127.581 ± 0.030 χ^2/NDF : 168952.1/27

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

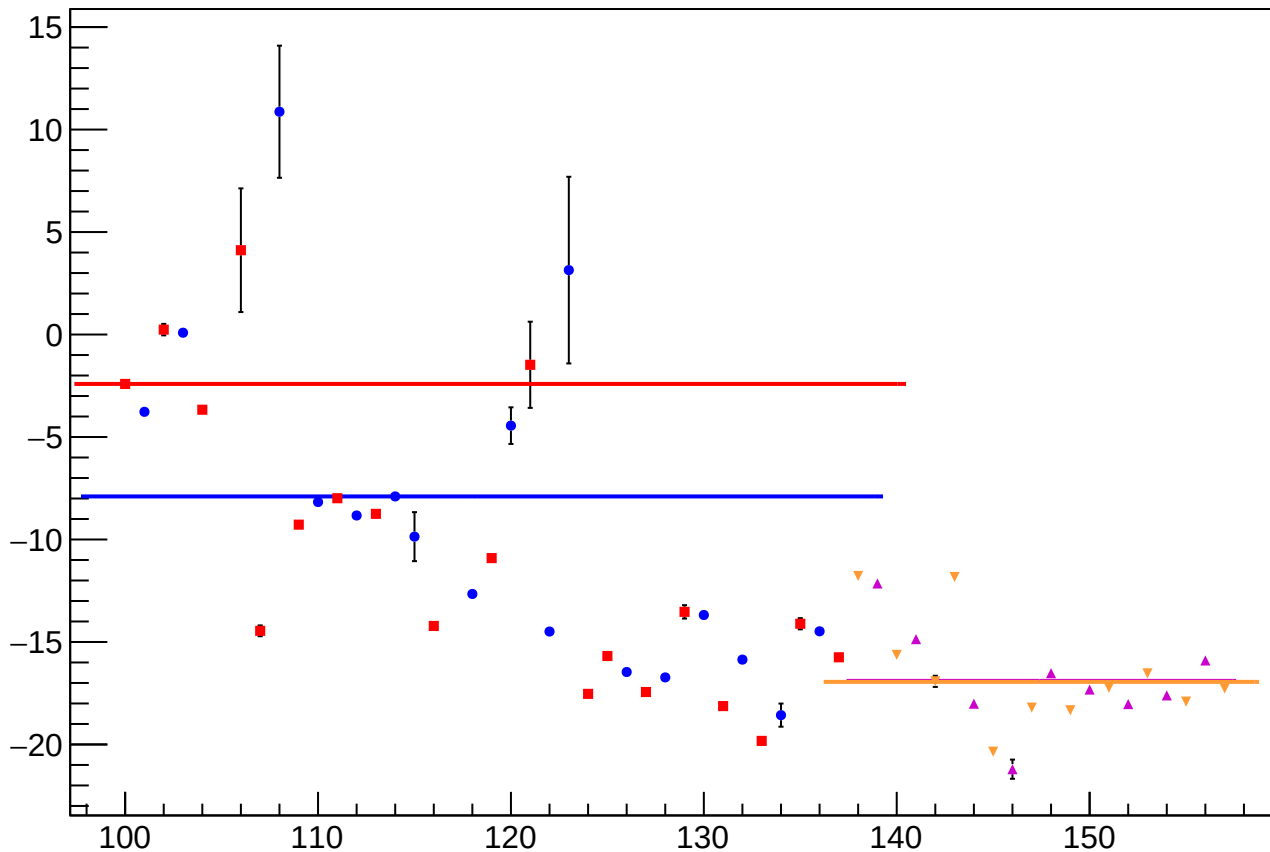
Left In: 3.000 ± 0.022 χ^2/NDF : 3053.2/8

+ 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 : 952821.4/27

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

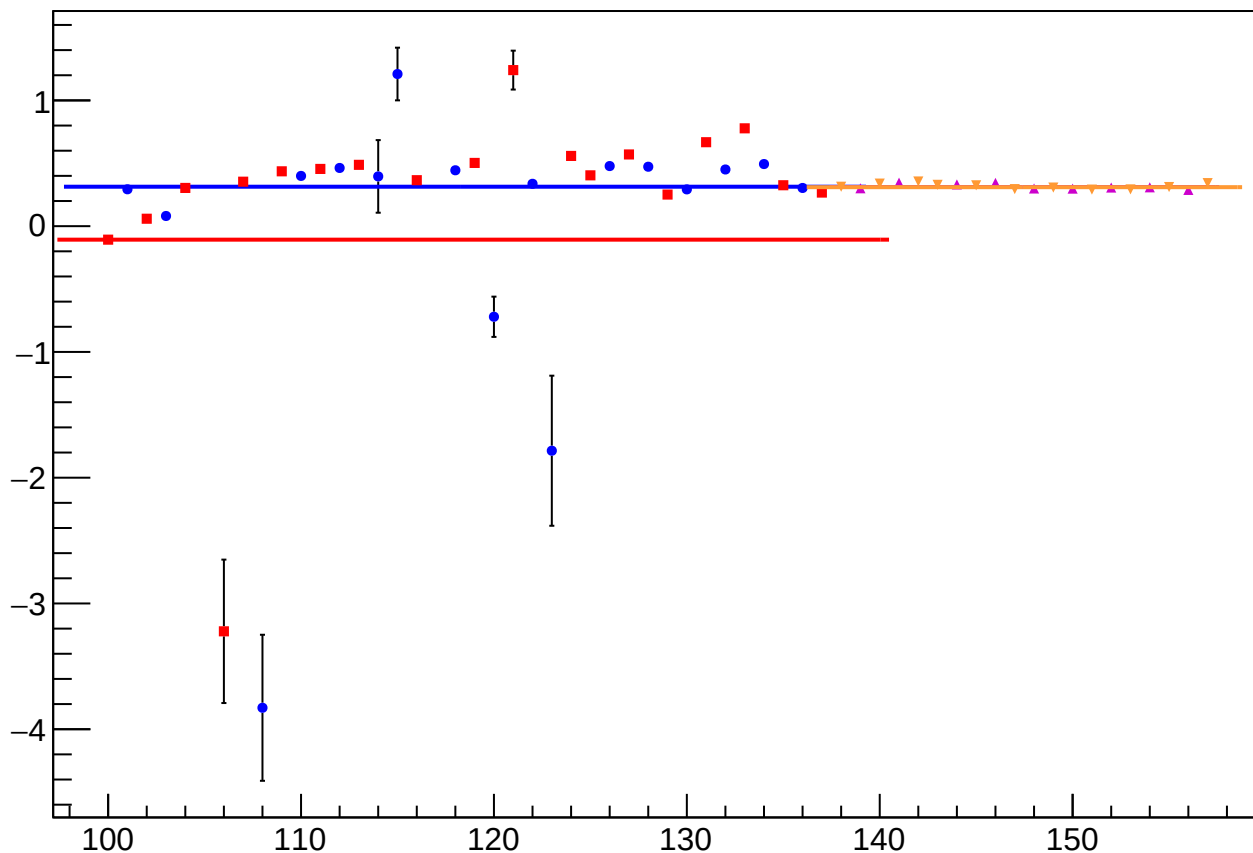
Left In: -16.898 ± 0.024 χ^2/NDF : 3084.5/8

+ 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 : 582139.3/27

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

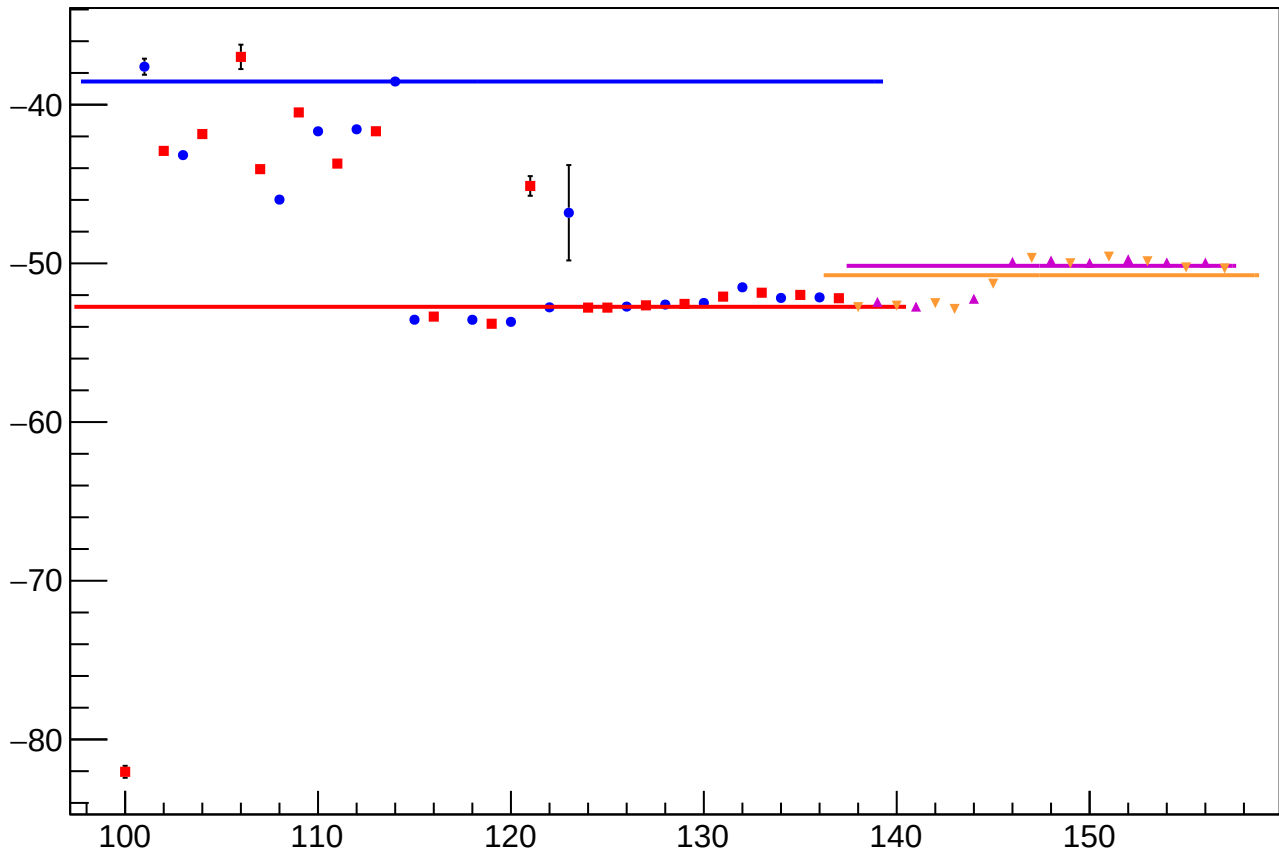
Left In: 0.311 ± 0.000 χ^2/NDF : 1770.4/8

+ sign 0.311 ± 0.000 χ^2/NDF : 4874.7/27

All: -0.107 ± 0.000 χ^2/NDF : 2909258.4/55

- sign -0.107 ± 0.000 χ^2/NDF : 1603652.6/27

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

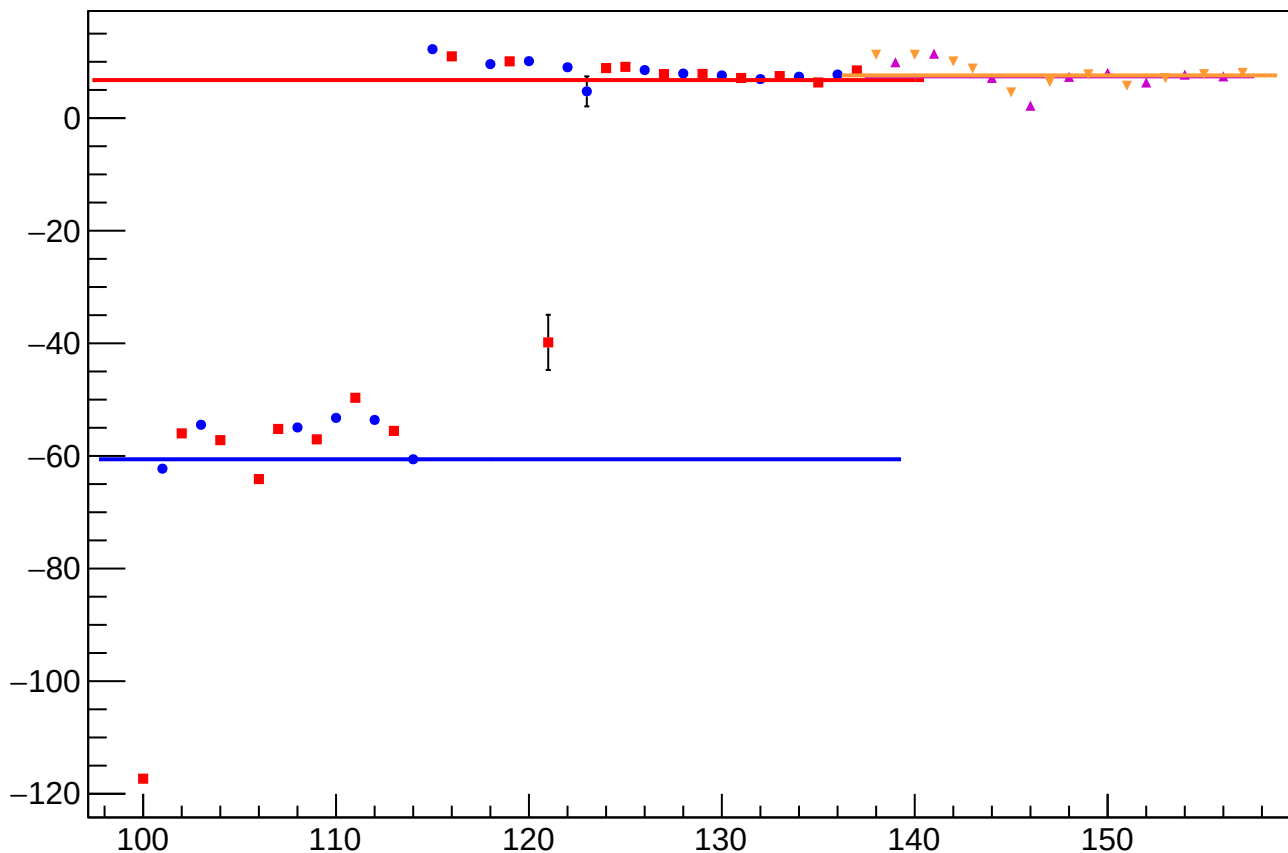
Left In: -50.154+/-0.002 χ^2/NDF : 153621.5/8

+ sign -38.539+/-0.000 χ^2/NDF : 32500325.0/27

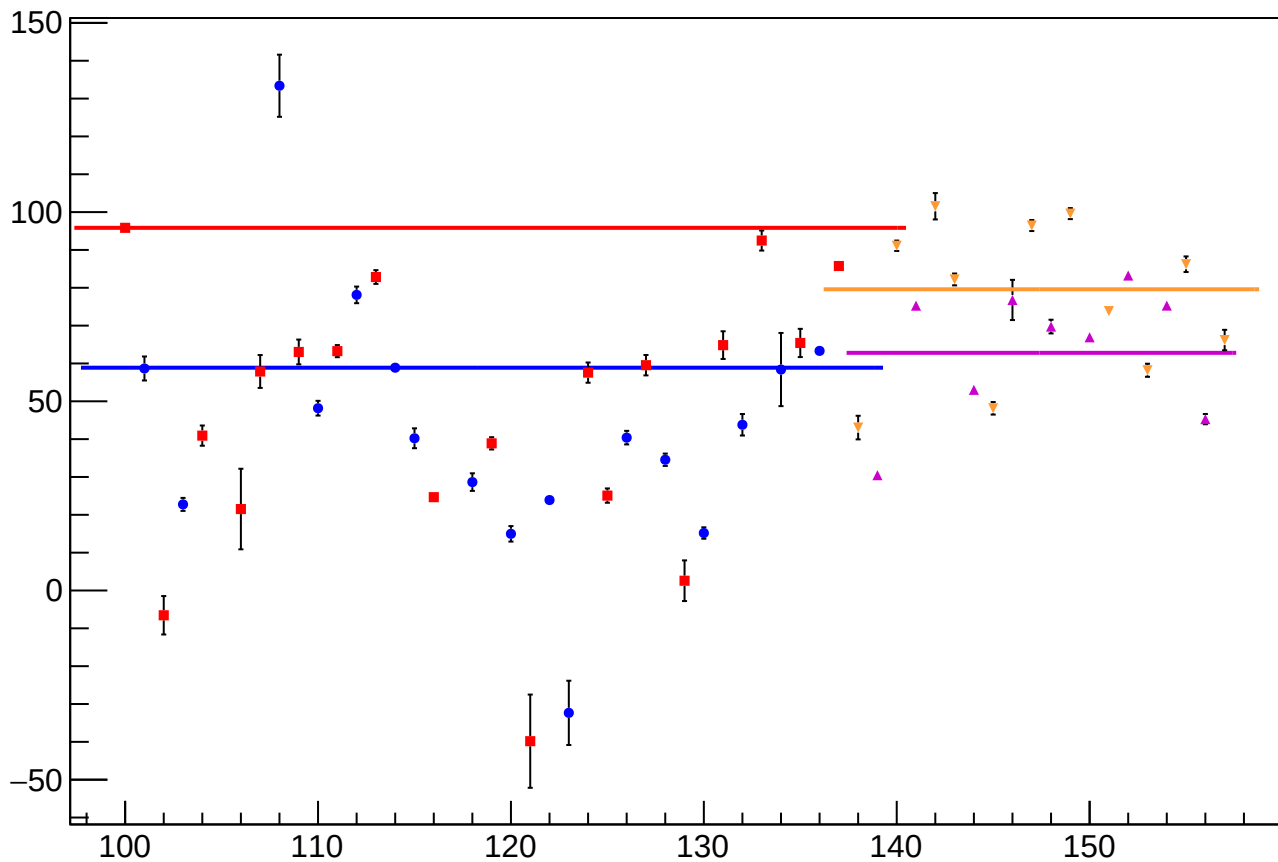
All: -38.539+/-0.000 χ^2/NDF : 126673066.3/5

- sign -51.468+/-0.001 χ^2/NDF : 1168585.3/27

dit_sam1_4eY_slope vs Slug



dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF : 3814.7/16

Left Out: 79.599+/-0.514 χ^2/NDF : 1142.9/10

Right Out: 95.846+/-0.000 χ^2/NDF : 39385.0/18

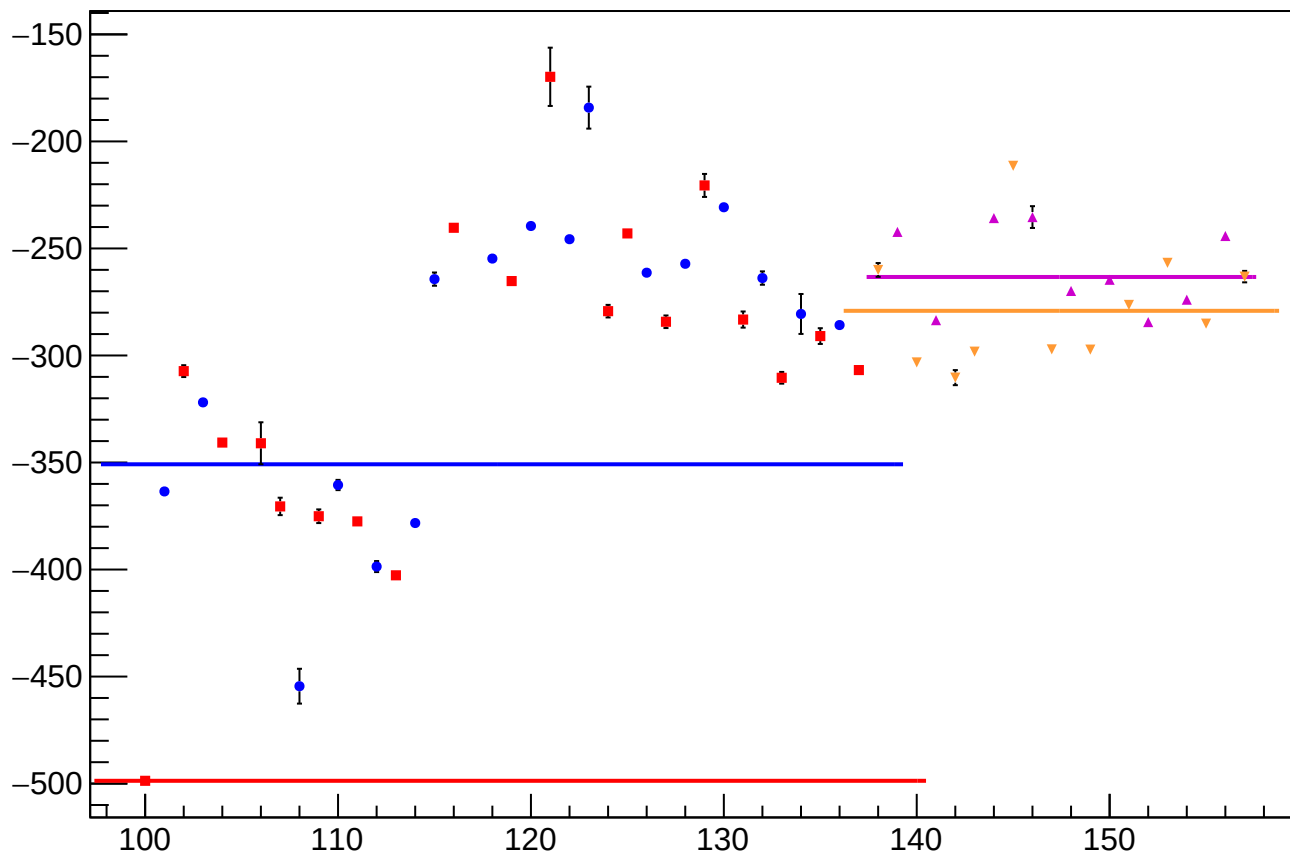
Left In: 62.806+/-0.361 χ^2/NDF : 2078.0/8

+ sign 58.880+/-0.000 χ^2/NDF : 6579.6/27

All: 60.098+/-0.000 χ^2/NDF : 981523394566

- sign 95.846+/-0.000 χ^2/NDF : 49860.2/27

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

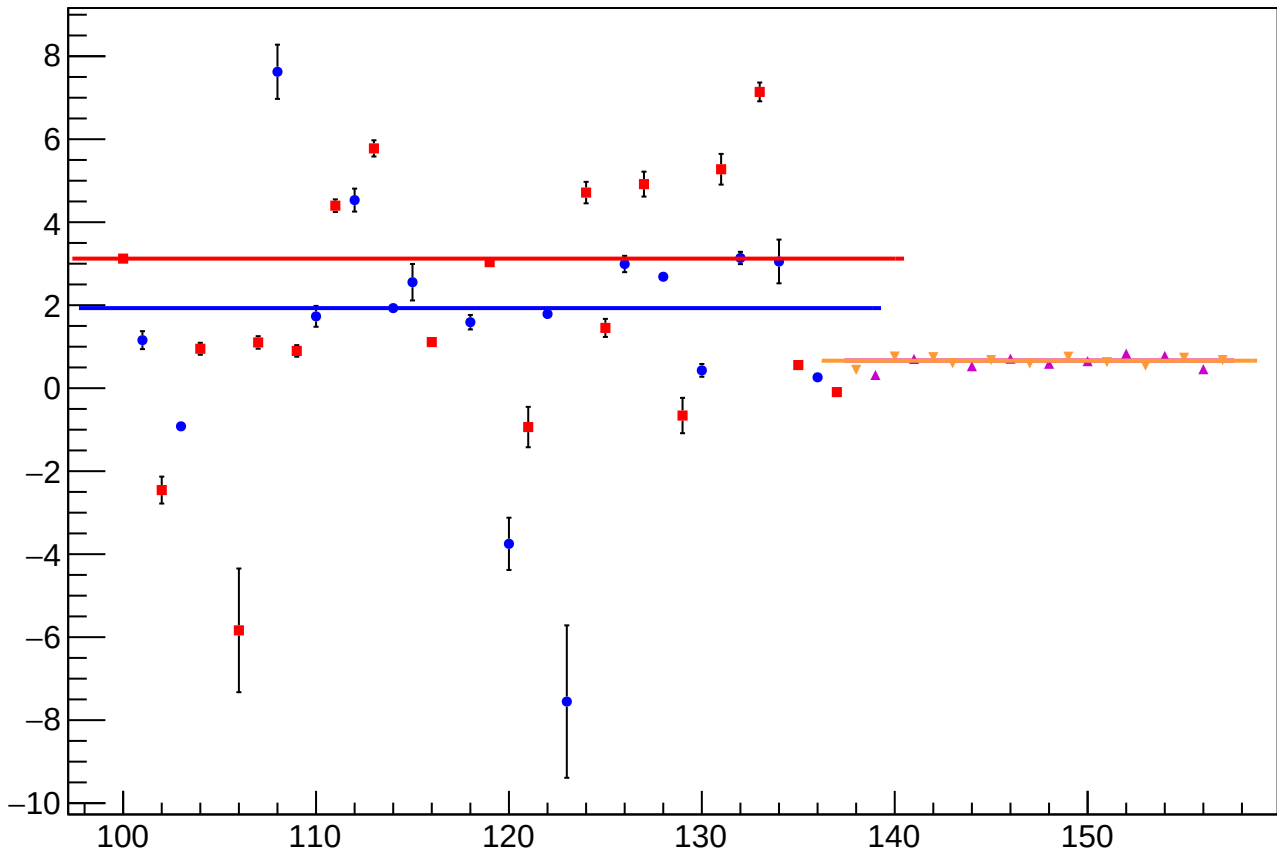
Left In: -263.328 ± 0.364 χ^2/NDF : 2059.0/8

+ sign -337.184 ± 0.220 χ^2/NDF : 60681.6/27

All: -498.692 ± 0.000 χ^2/NDF : 1530385.9/55

- sign -498.692 ± 0.000 χ^2/NDF : 930904.5/27

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

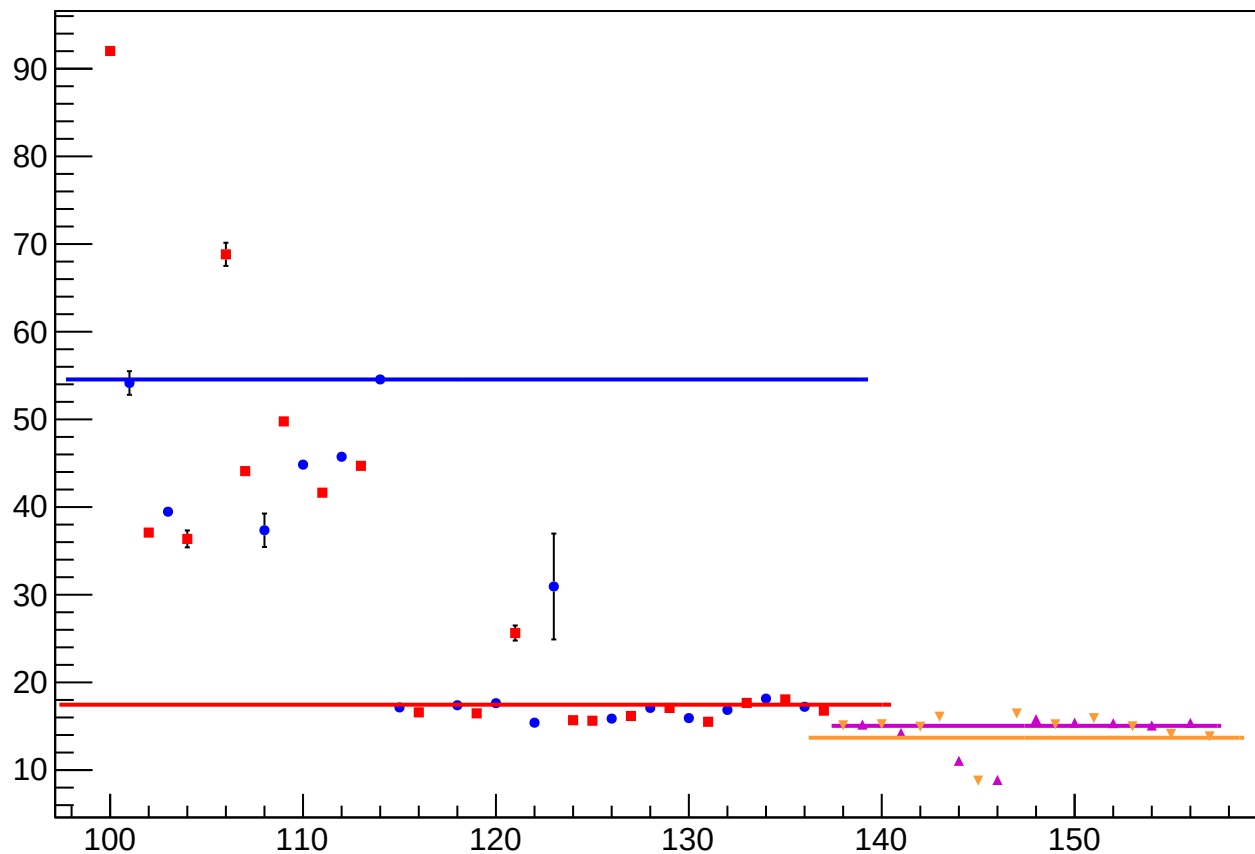
Left In: 0.667 ± 0.003 χ^2/NDF : 3543.8/8

+ 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 : 1399429.5/27

dit_sam2_4aY_slope vs Slug



Right In: 54.556 $\pm$ 0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.685 $\pm$ 0.011 χ^2/NDF : 72166.3/10

Right Out: 17.458 $\pm$ 0.018 χ^2/NDF : 99308.5/18

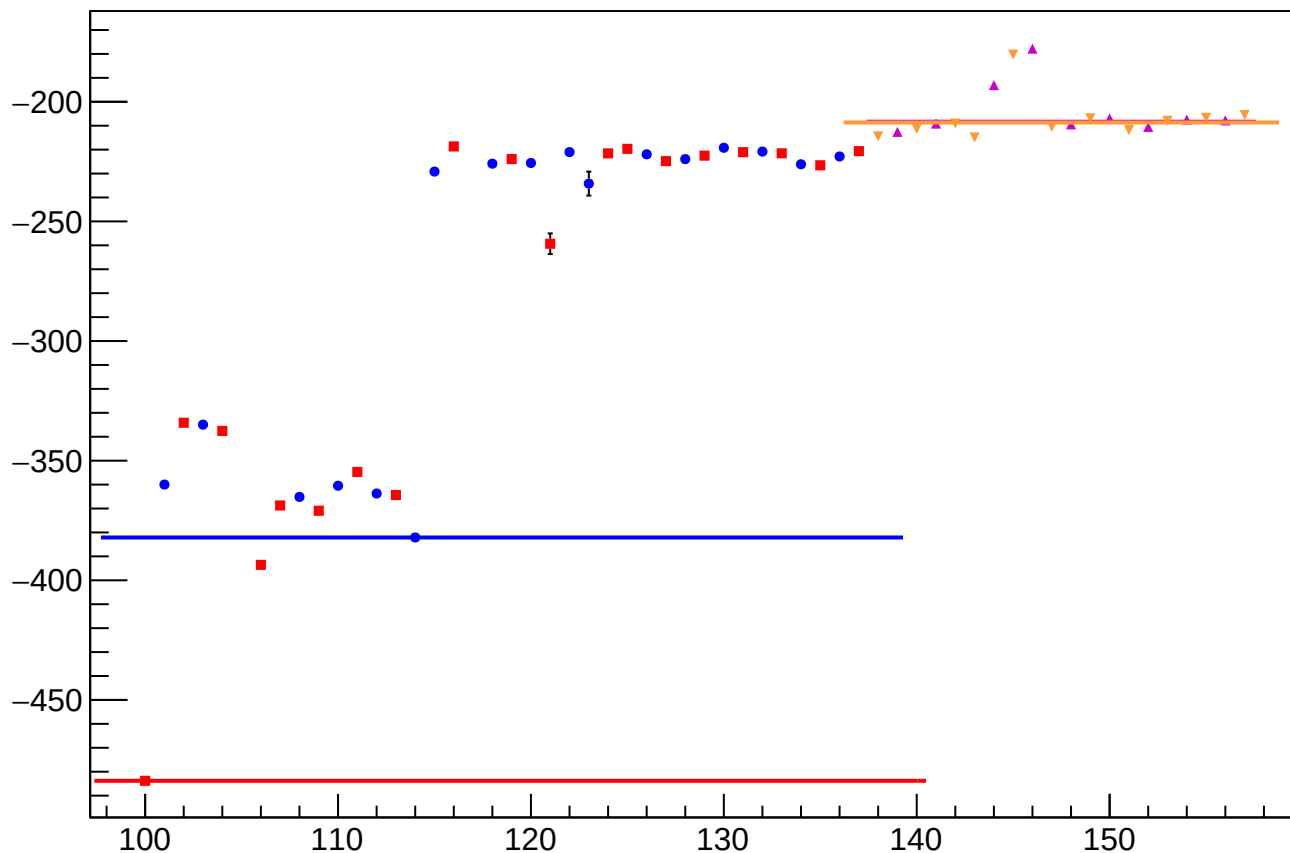
Left In: 15.045 $\pm$ 0.010 χ^2/NDF : 7776.4/8

+ sign 54.556 $\pm$ 0.000 χ^2/NDF : 20886215.1/27

All: 54.556 $\pm$ 0.000 χ^2/NDF : 40490692.4/55

- sign 15.607 $\pm$ 0.009 χ^2/NDF : 120451.3/27

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

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

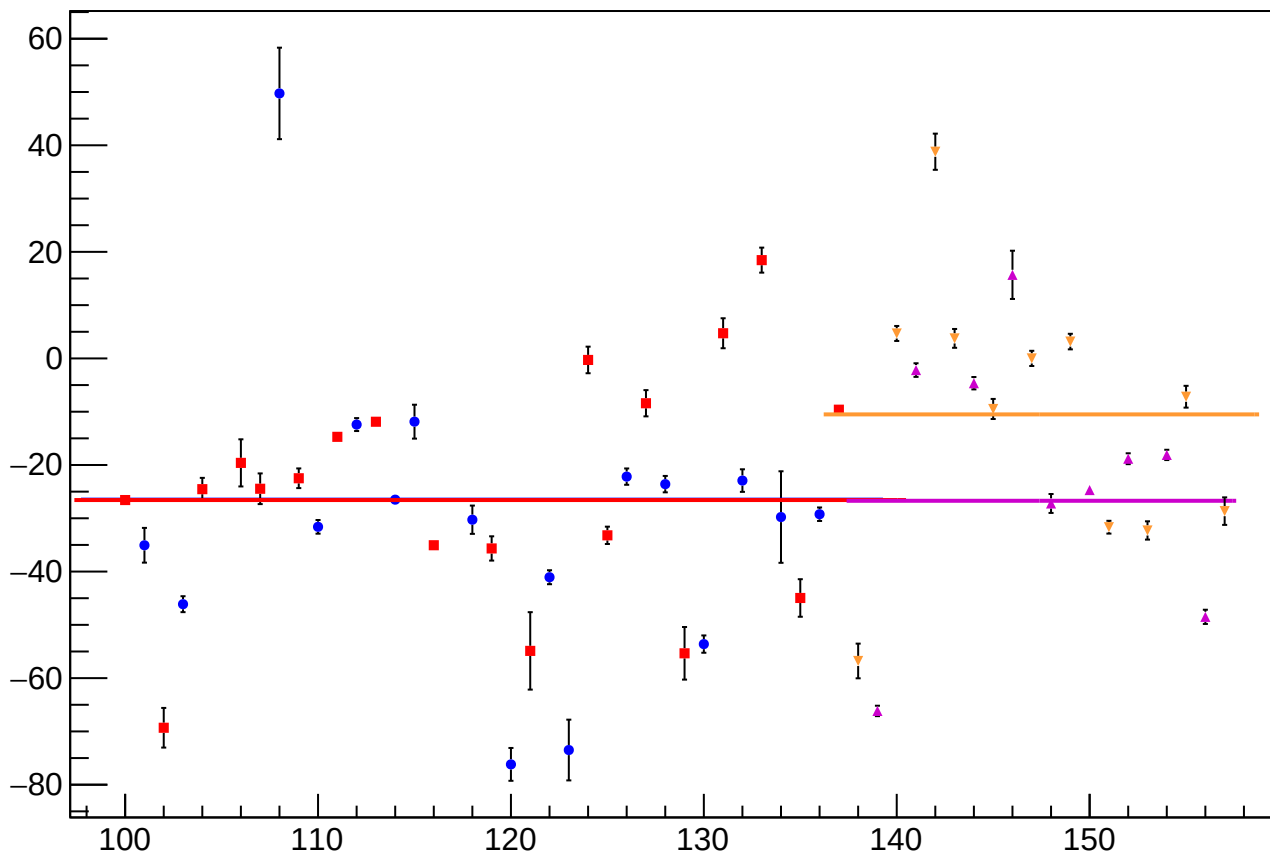
Left In: -208.328+/-0.020 χ^2/NDF : 13815.2/8

+ sign -382.108+/-0.000 χ^2/NDF : 87618039.3/27

All: -417.999+/-0.000 χ^2/NDF : 12425488813

- sign -483.800+/-0.000 χ^2/NDF : 222656867.6/27

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -10.504 ± 0.522 χ^2/NDF : 1260.8/10

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

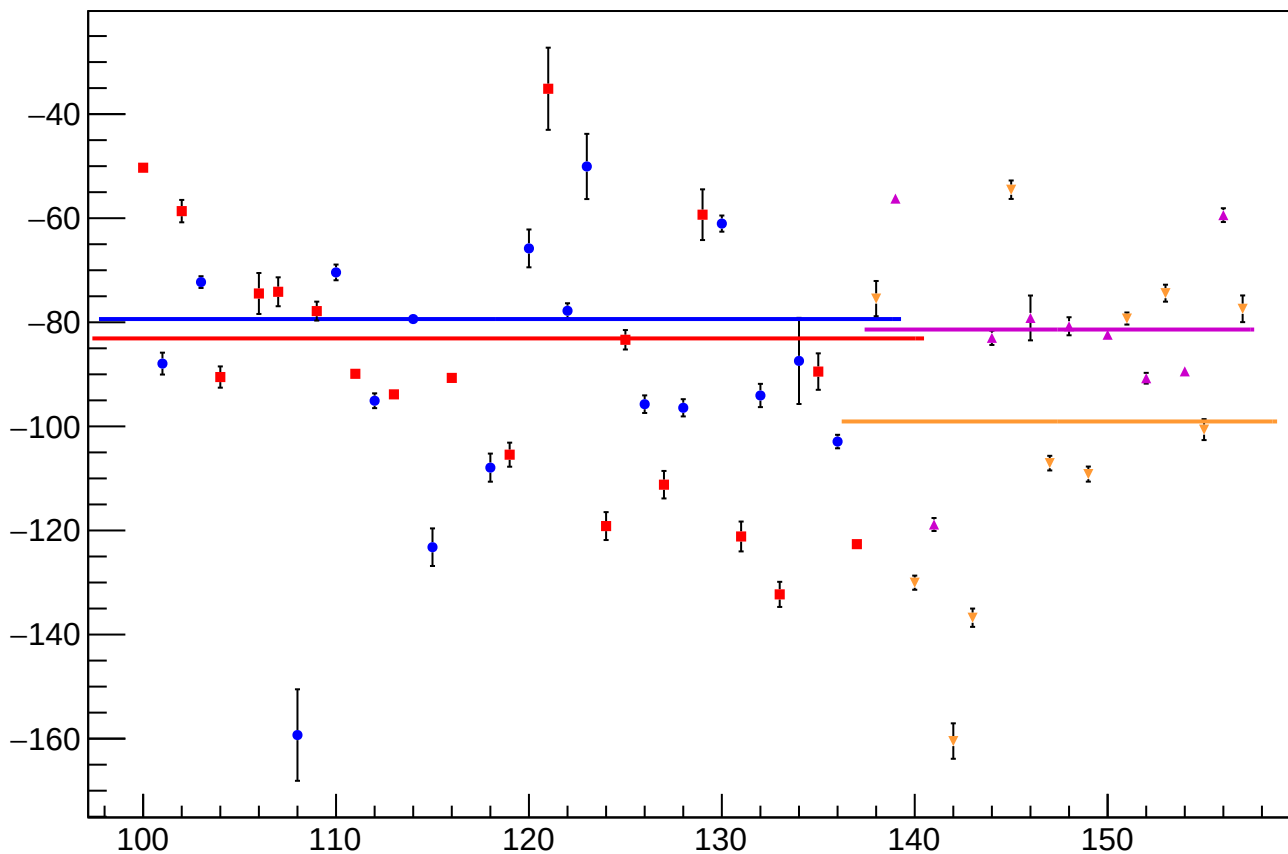
Left In: -26.716 ± 0.376 χ^2/NDF : 2855.5/8

+ sign -26.504 ± 0.000 χ^2/NDF : 3381.2/27

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 5496.5/27

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 $\chi^2/\text{NDF}: 11915.8/18$

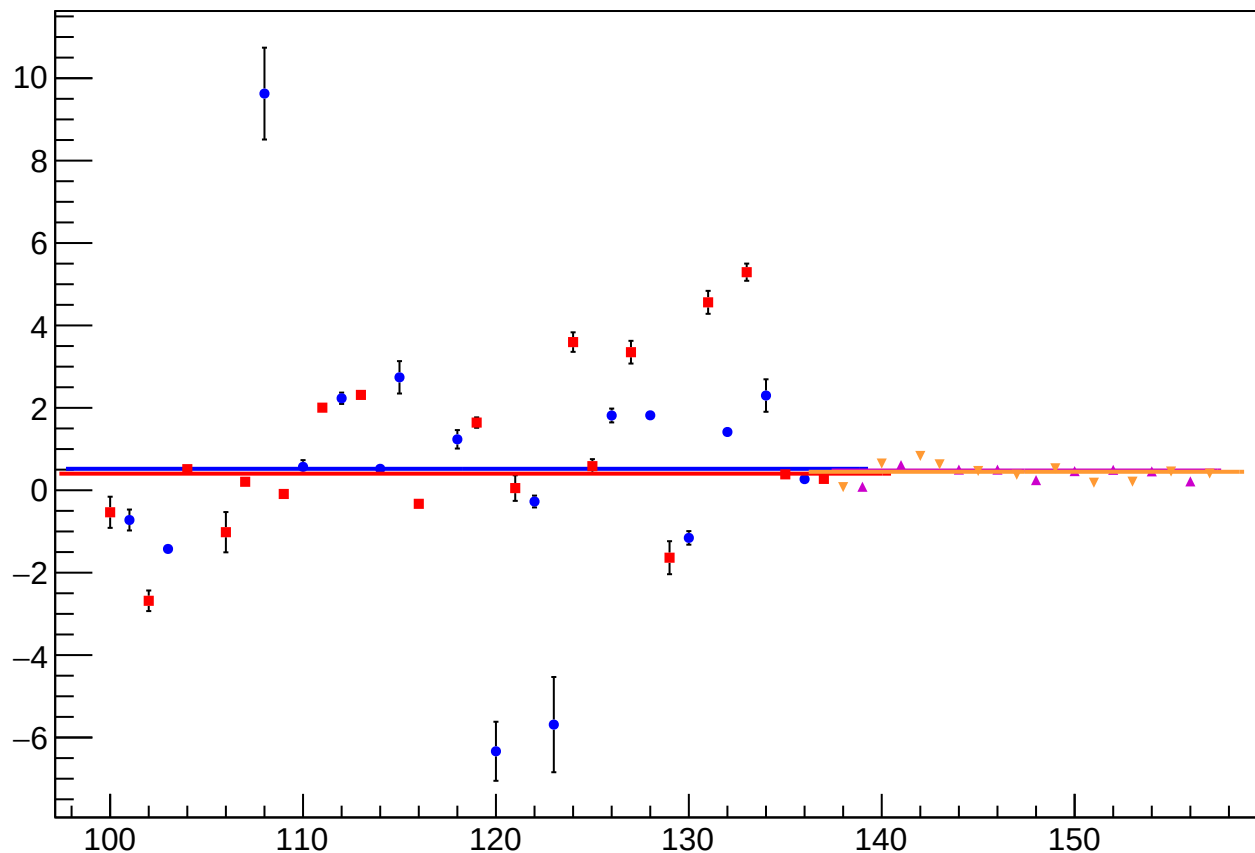
Left In: -81.390 ± 0.371 $\chi^2/\text{NDF}: 2126.1/8$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 5452.6/27$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 19960.5/55$

- sign -82.779 ± 0.161 $\chi^2/\text{NDF}: 14059.1/27$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.449+/-0.004 χ^2/NDF : 1986.8/10

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

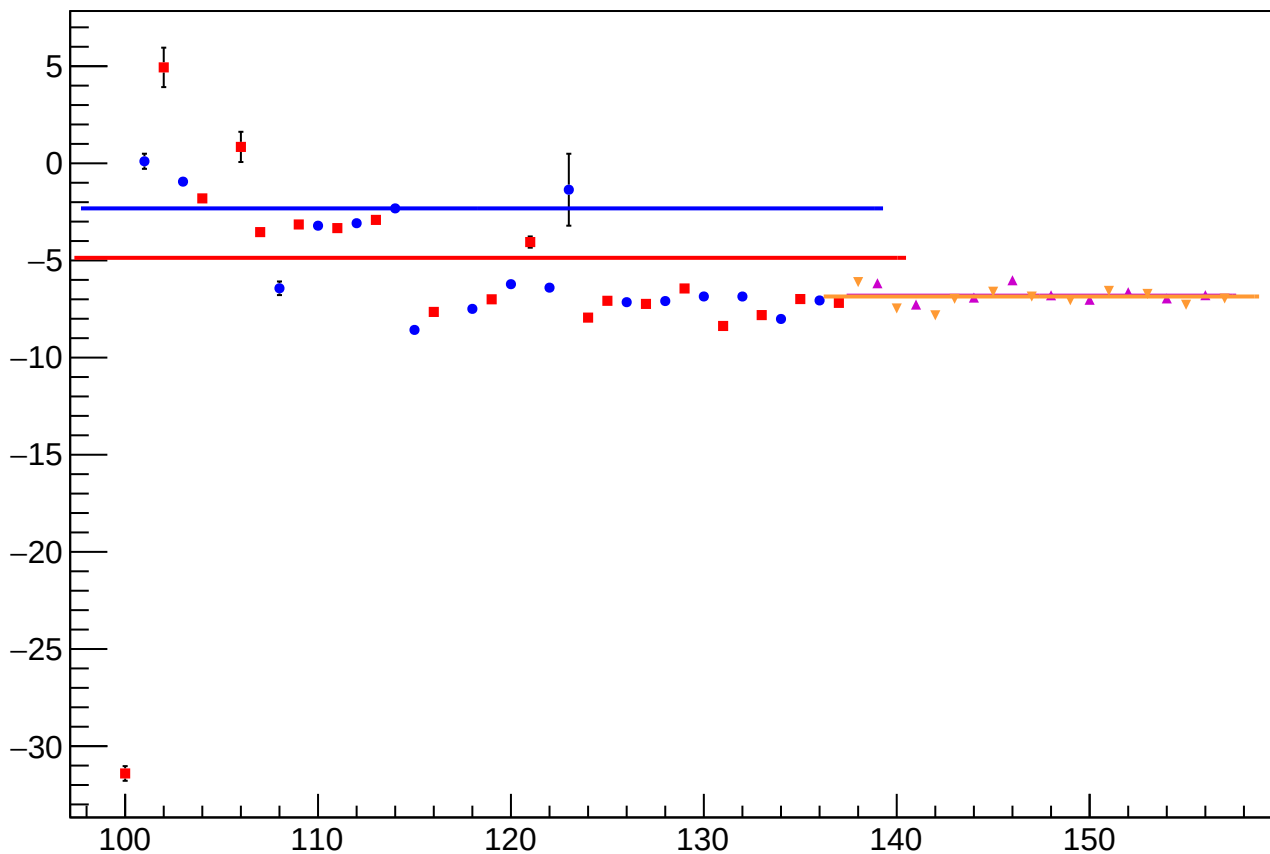
Left In: 0.479+/-0.003 χ^2/NDF : 3203.4/8

+ sign 0.521+/-0.000 χ^2/NDF : 5740.3/27

All: 0.521+/-0.000 χ^2/NDF : 12043.0/55

- sign 0.475+/-0.003 χ^2/NDF : 5977.2/27

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.855+/-0.005 χ^2/NDF : 2499.9/10

Right Out: -4.864+/-0.010 χ^2/NDF : 49380.5/18

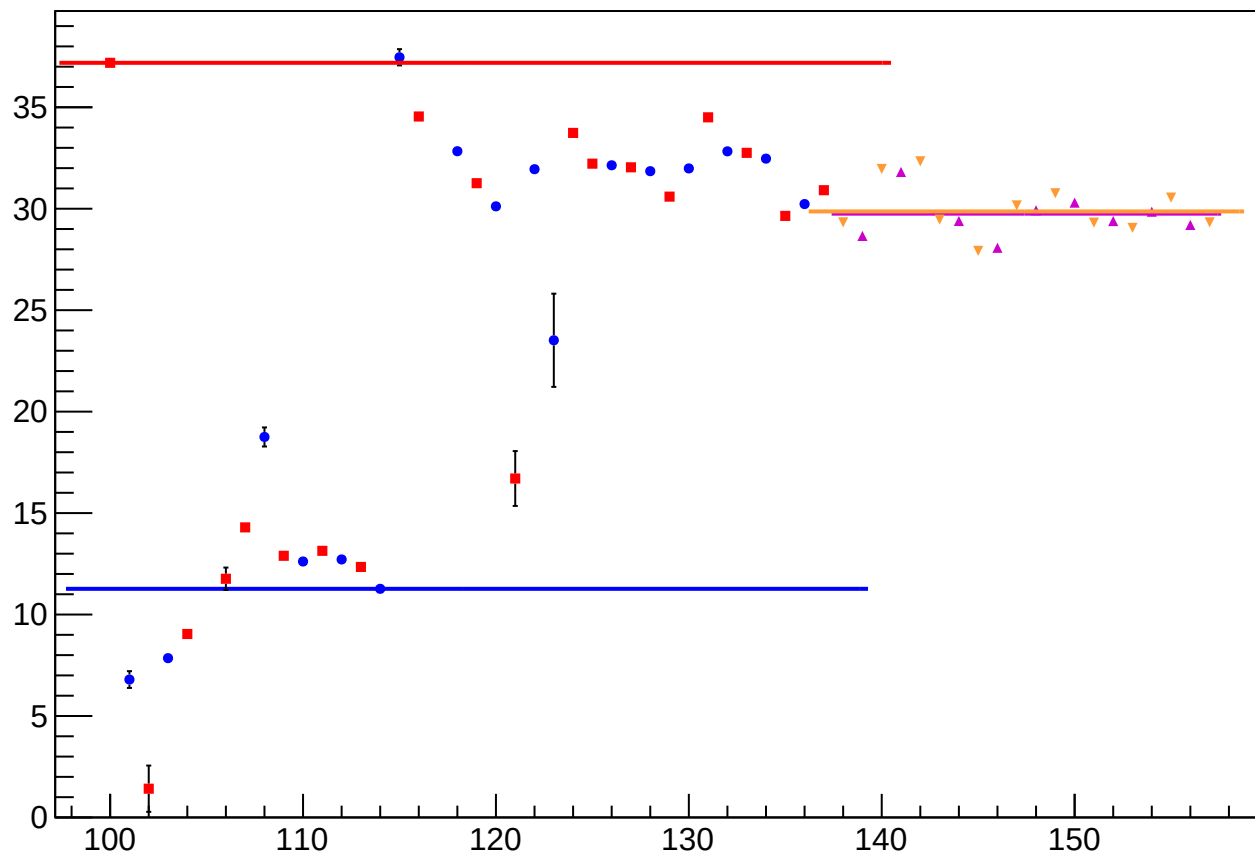
Left In: -6.811+/-0.005 χ^2/NDF : 4481.6/8

+ sign -2.320+/-0.000 χ^2/NDF : 1165976.4/27

All: -2.320+/-0.000 χ^2/NDF : 2243963.7/55

- sign -6.490+/-0.004 χ^2/NDF : 83679.9/27

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

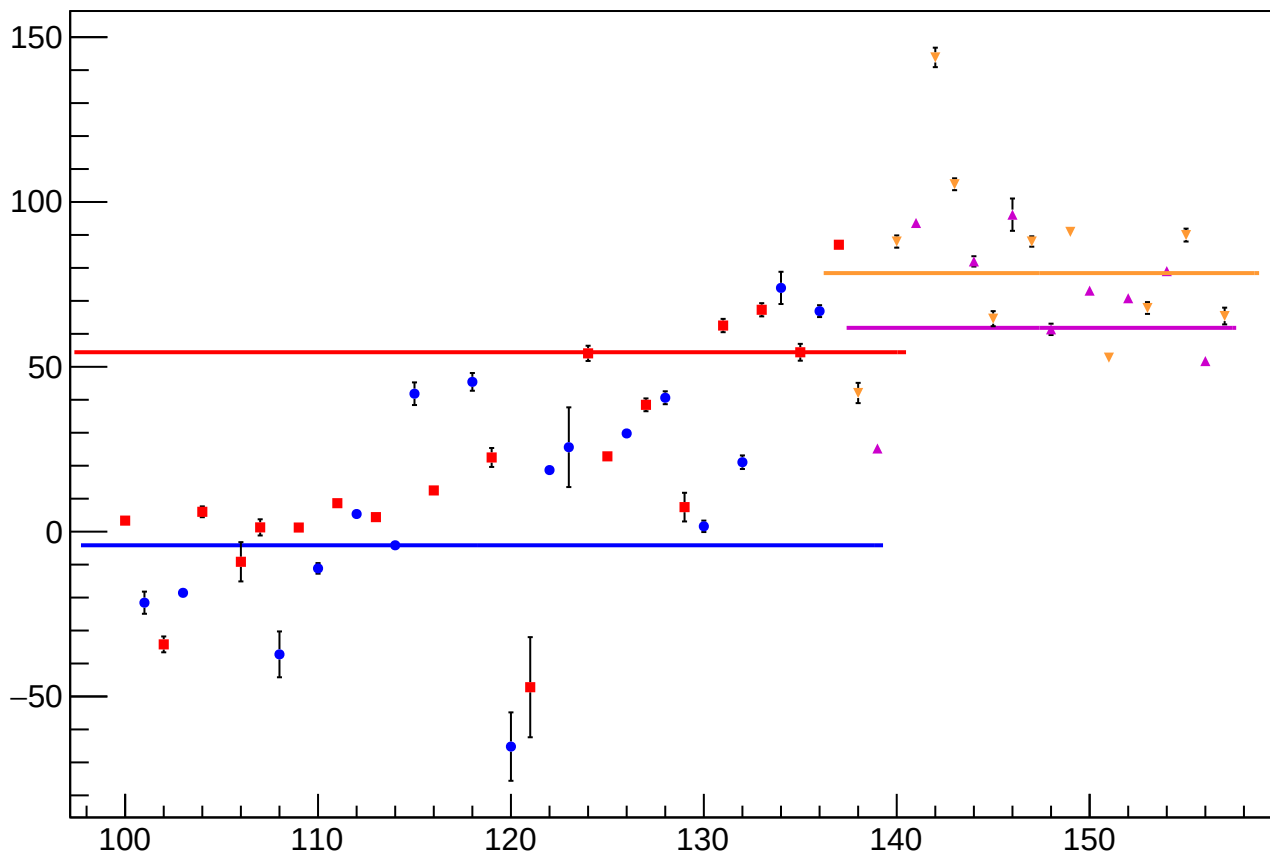
Left In: 29.757 $\pm$ 0.012 χ^2 /NDF: 2799.9/8

+ 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: 1484471.0/27

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

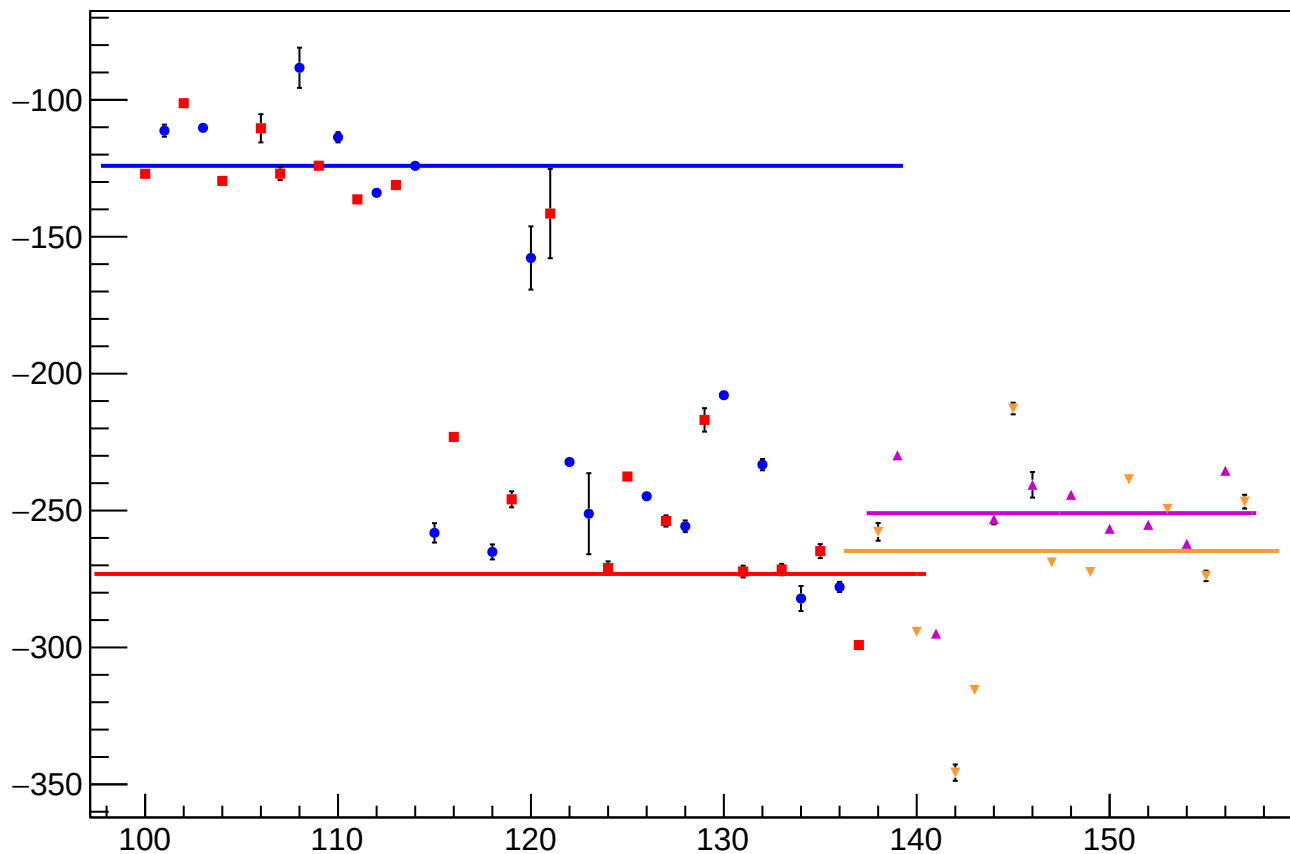
Left In: 61.820 ± 0.372 χ^2/NDF : 3976.9/8

+ sign -4.139 ± 0.000 χ^2/NDF : 29440.9/27

All: -4.139 ± 0.000 χ^2/NDF : 237198.7/55

- sign 55.706 ± 0.155 χ^2/NDF : 58301.9/27

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

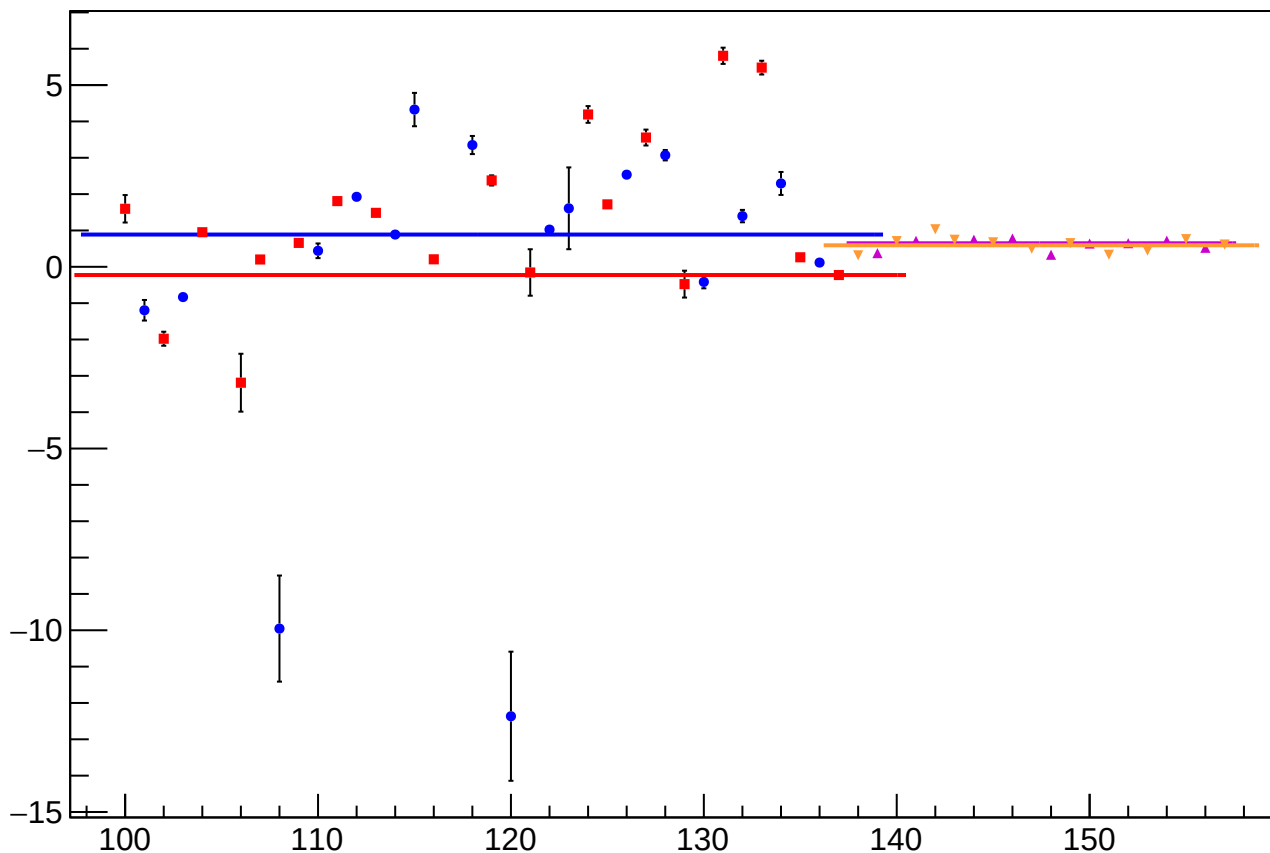
Left In: -250.949+/-0.363 χ^2/NDF : 2550.0/8

+ sign -124.095+/-0.000 χ^2/NDF : 110788.4/27

All: -124.095+/-0.000 χ^2/NDF : 2264366.2/55

- sign -271.187+/-0.108 χ^2/NDF : 286108.7/27

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 $\pm$ 0.000 χ^2 /NDF: 8672.0/16

Left Out: 0.592 $\pm$ 0.004 χ^2 /NDF:1943.6/10

Right Out: -0.226 $\pm$ 0.000 χ^2 /NDF: 5031.1/18

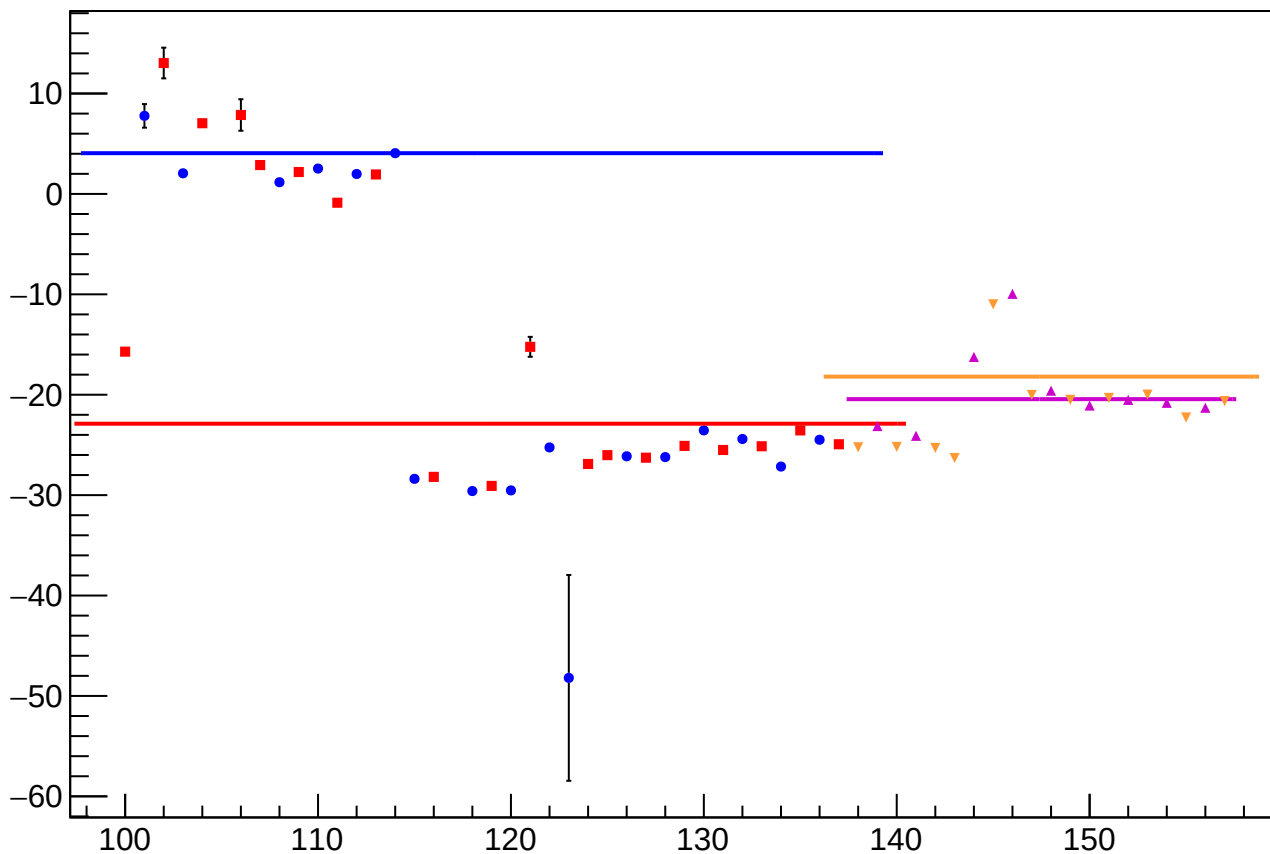
Left In: 0.647 $\pm$ 0.003 χ^2 /NDF:1159.5/8

+ sign 0.888 $\pm$ 0.000 χ^2 /NDF: 16326.3/27

All: 0.888 $\pm$ 0.000 χ^2 /NDF: 422234564.5/55

- sign -0.226 $\pm$ 0.000 χ^2 /NDF: 75158.8/27

dit_sam4_4aY_slope vs Slug



Right In: 4.057 $\pm$ 0.000 χ^2 /NDF: 1247888.2/16

Left Out: -18.197 $\pm$ 0.020 χ^2 /NDF: 75402.5/10

Right Out: -22.885 $\pm$ 0.026 χ^2 /NDF: 116508.9/18

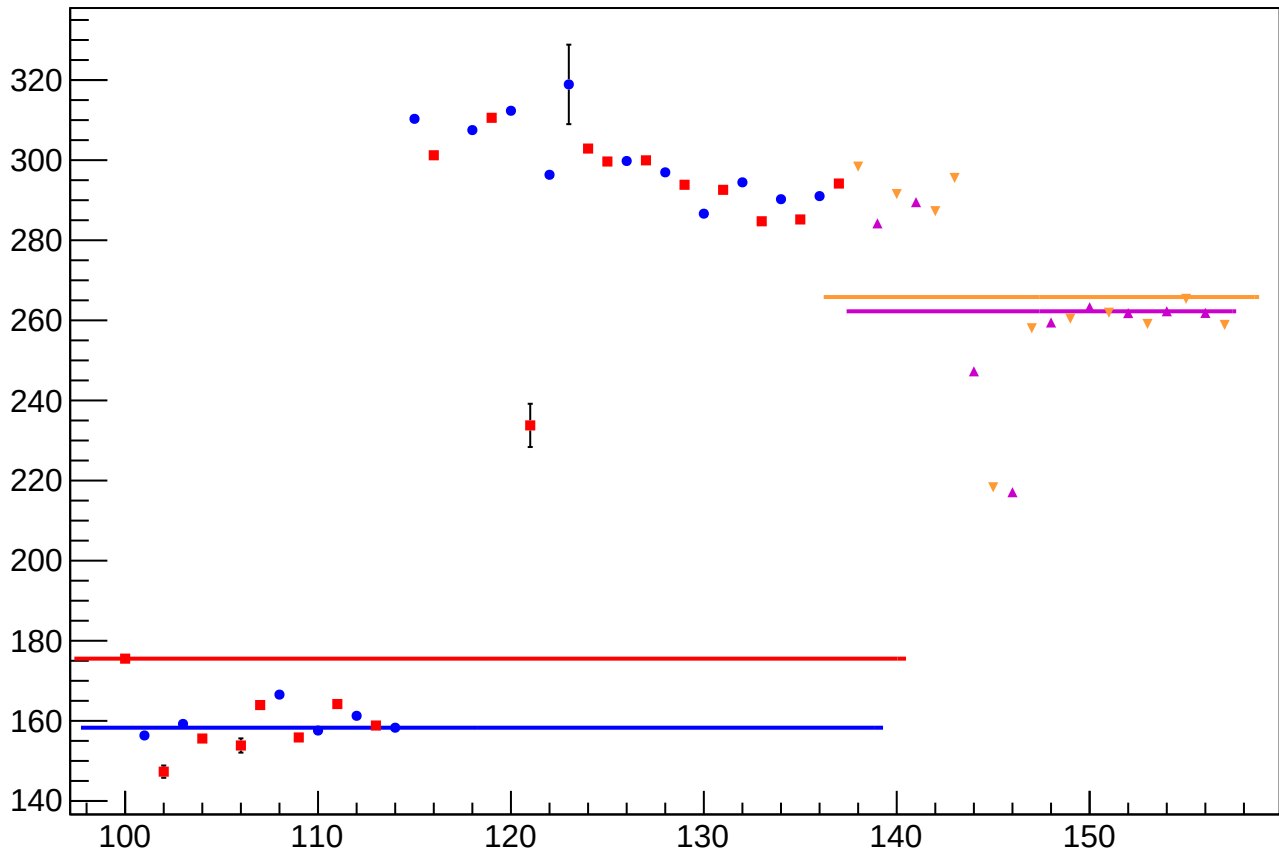
Left In: -20.440 $\pm$ 0.018 χ^2 /NDF: 18498.8/8

+ sign 4.057 $\pm$ 0.000 χ^2 /NDF: 2613199.2/27

All: 4.057 $\pm$ 0.000 χ^2 /NDF: 5642621.1/55

- sign -21.221 $\pm$ 0.015 χ^2 /NDF: 140878.9/27

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

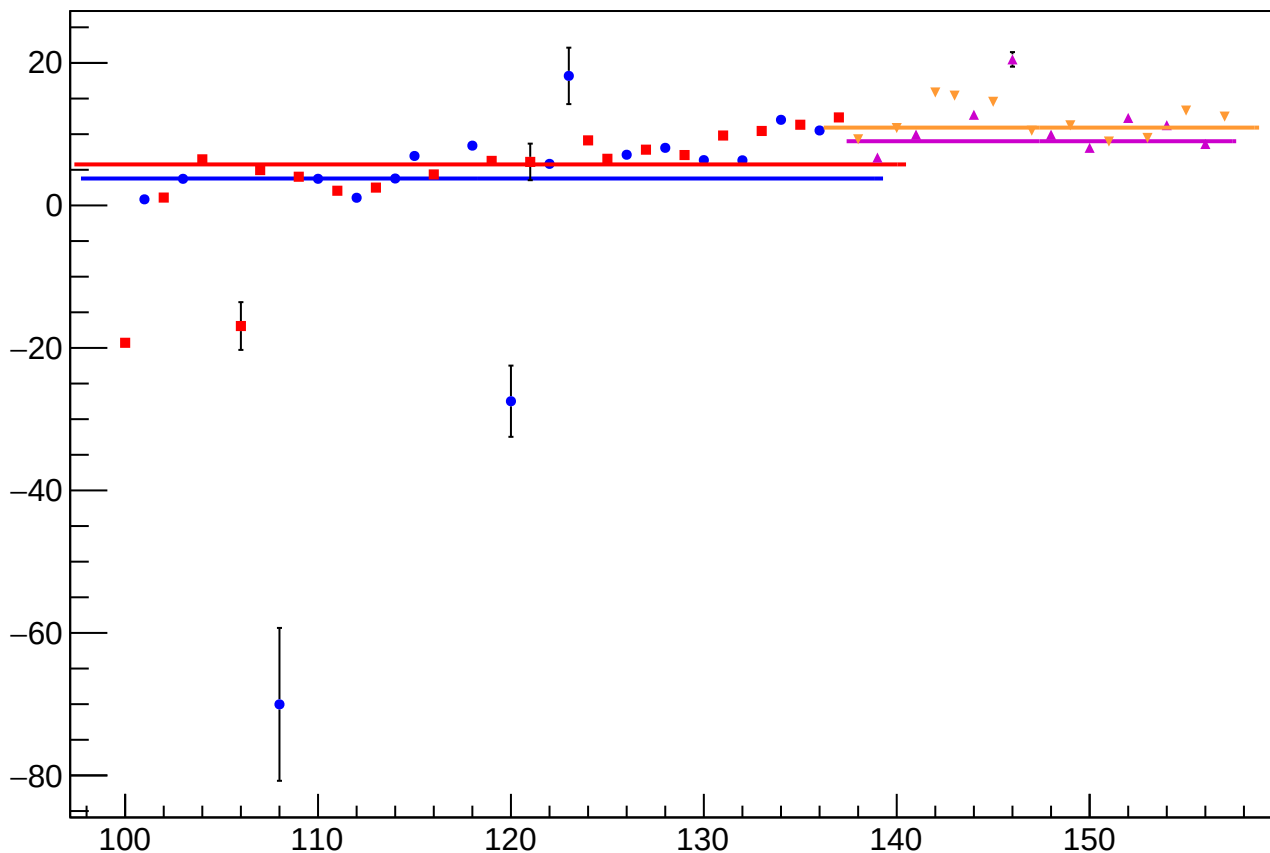
Left In: 262.261 $\pm$ 0.039 χ^2 /NDF:36888.4/8

+ 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: 7071733.8/27

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.923 ± 0.040 χ^2/NDF : 1596.3/10

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

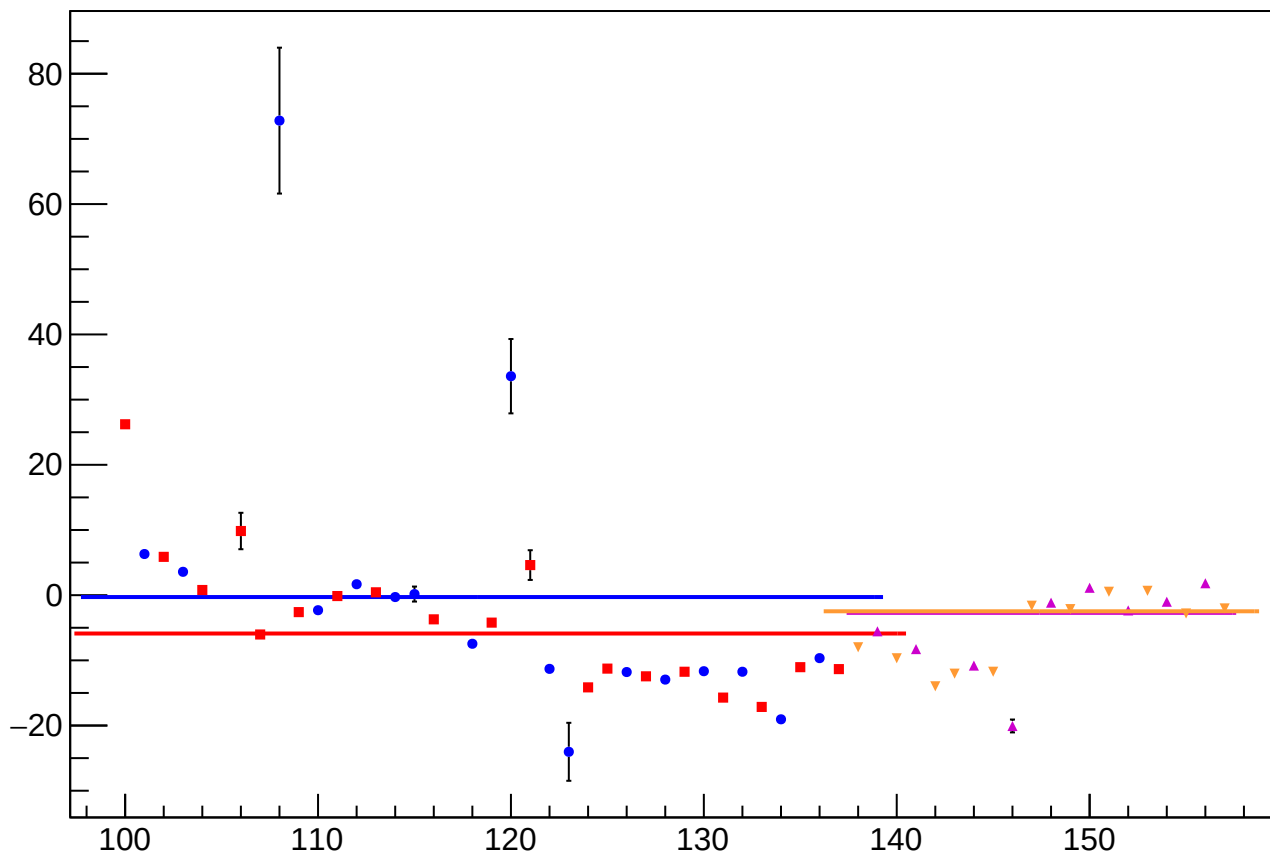
Left In: 9.011 ± 0.041 χ^2/NDF : 2185.5/8

+ sign 3.778 ± 0.000 χ^2/NDF : 40683.5/27

All: 3.778 ± 0.000 χ^2/NDF : 87747.8/55

- sign 6.693 ± 0.022 χ^2/NDF : 29077.6/27

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

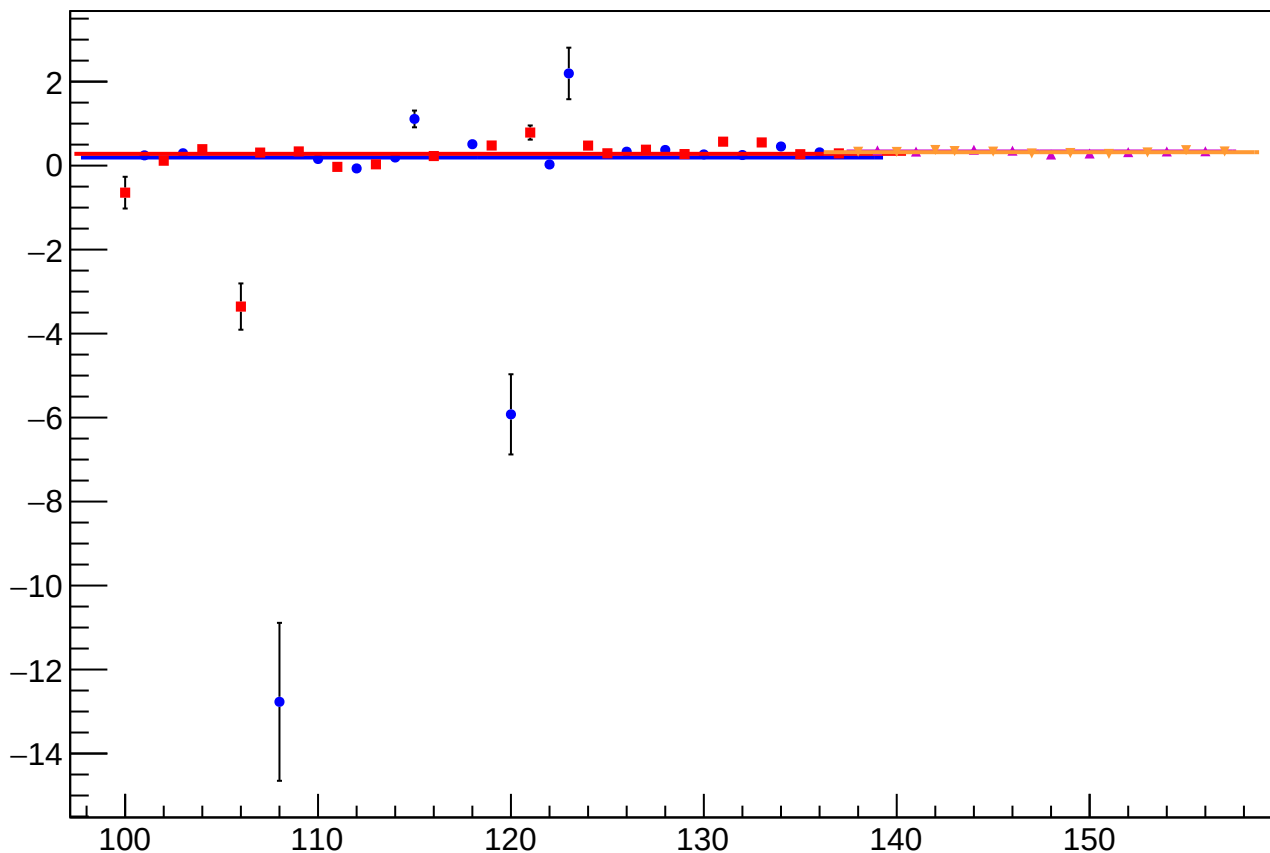
Left In: -2.712 ± 0.041 χ^2/NDF : 10035.7/8

+ sign -0.287 ± 0.000 χ^2/NDF : 55192.9/27

All: -0.287 ± 0.000 χ^2/NDF : 174503.7/55

- sign -4.914 ± 0.023 χ^2/NDF : 77673.4/27

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

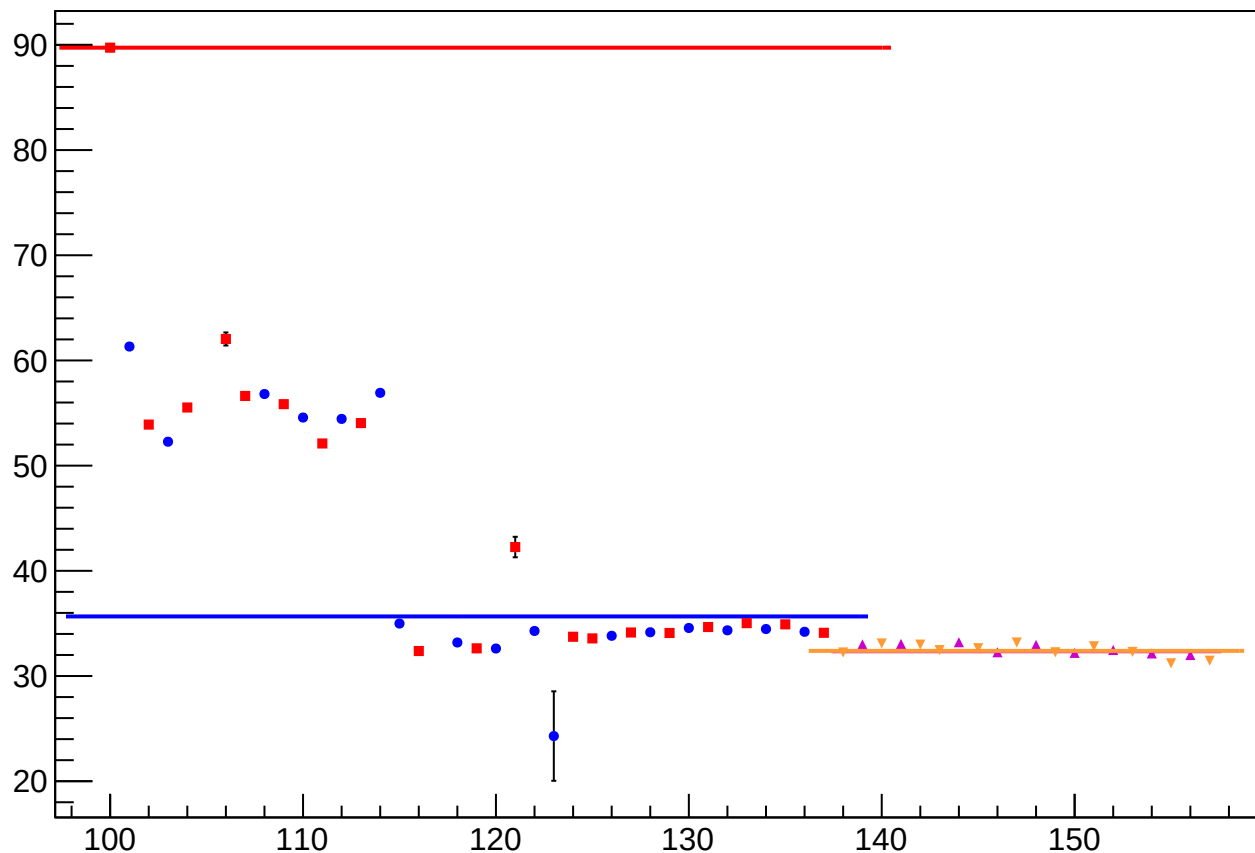
Left In: 0.336 $\pm$ 0.001 χ^2 /NDF: 2128.1/8

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 39910.7/27

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 85031.5/55

- sign 0.324 $\pm$ 0.001 χ^2 /NDF: 9310.7/27

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

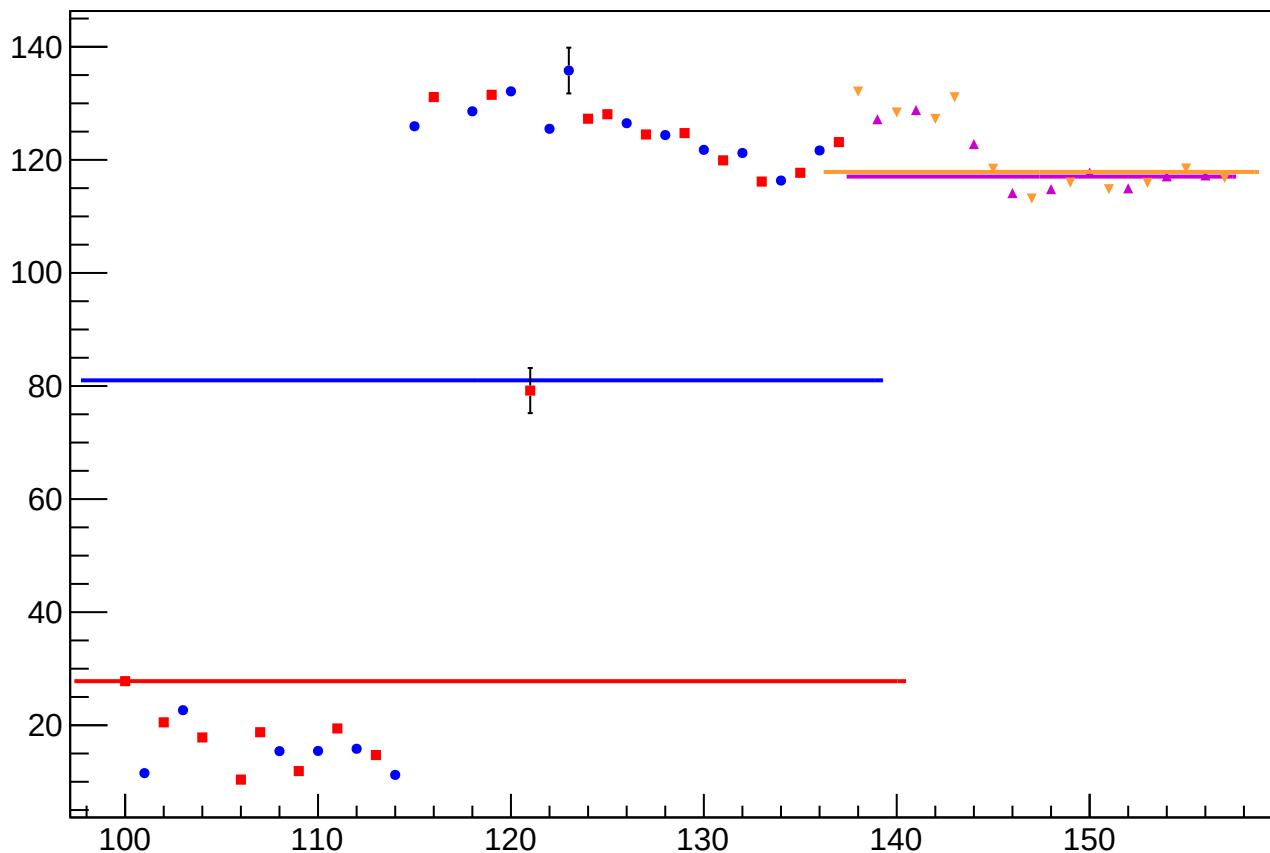
Left In: 32.354 $\pm$ 0.005 χ^2 /NDF: 3704.6/8

+ sign 33.111 $\pm$ 0.005 χ^2 /NDF: 285985.3/27

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 250180541.4/55

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 137097558.7/27

dit_sam5_4eY_slope vs Slug



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 117.865 $\pm$ 0.014 χ^2 /NDF: 127763.7/10

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

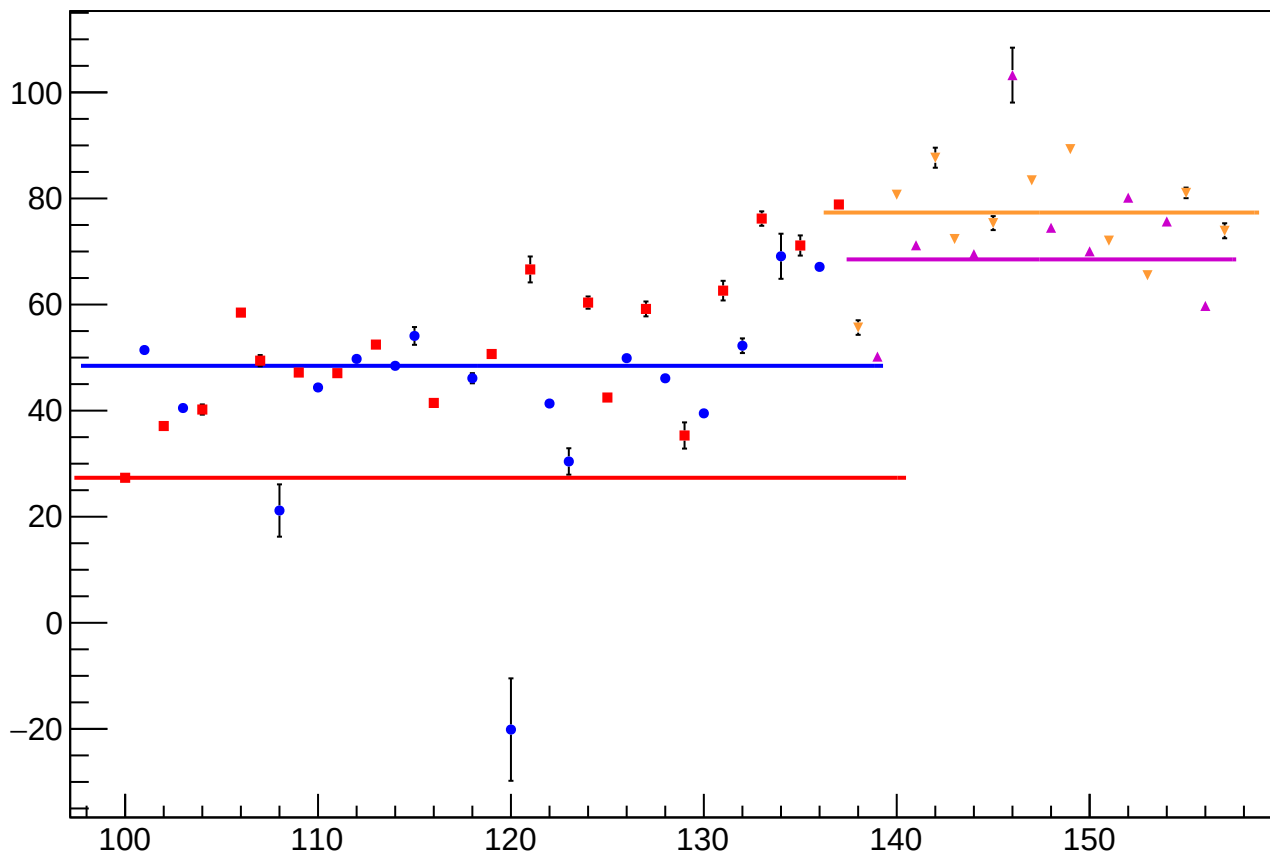
Left In: 117.043 $\pm$ 0.011 χ^2 /NDF: 37784.8/8

+ sign 112.781 $\pm$ 0.013 χ^2 /NDF: 3338850.6/27

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 127007709.8/55

- sign 27.798 $\pm$ 0.000 χ^2 /NDF: 79755260.5/27

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 77.346+/-0.257 χ^2/NDF : 1019.4/10

Right Out: 27.342+/-0.000 χ^2/NDF : 25810.4/18

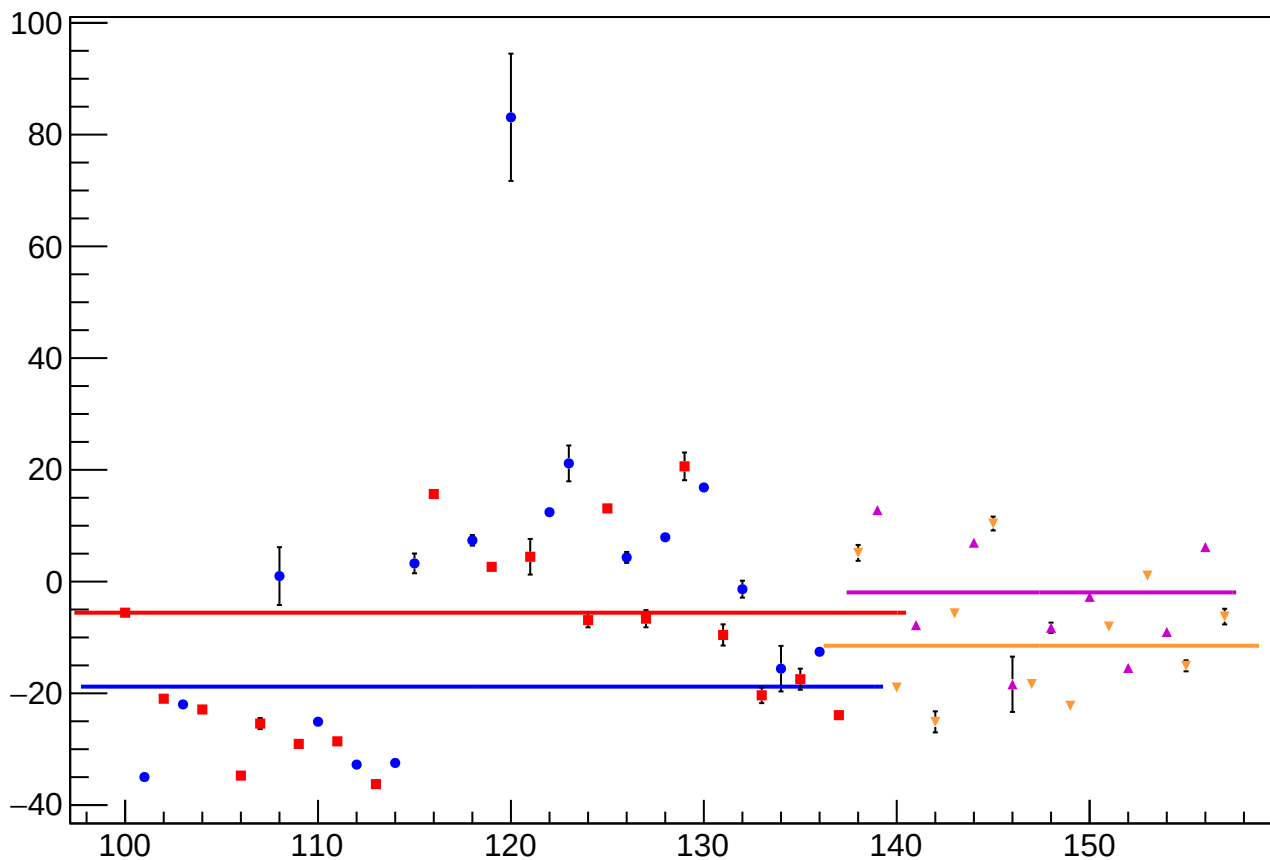
Left In: 68.511+/-0.201 χ^2/NDF : 2124.8/8

+ sign 48.450+/-0.000 χ^2/NDF : 16381.4/27

All: 28.365+/-0.000 χ^2/NDF : 102629010488

- sign 27.342+/-0.000 χ^2/NDF : 69799.0/27

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -11.479 ± 0.254 $\chi^2/\text{NDF}: 1305.6/10$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

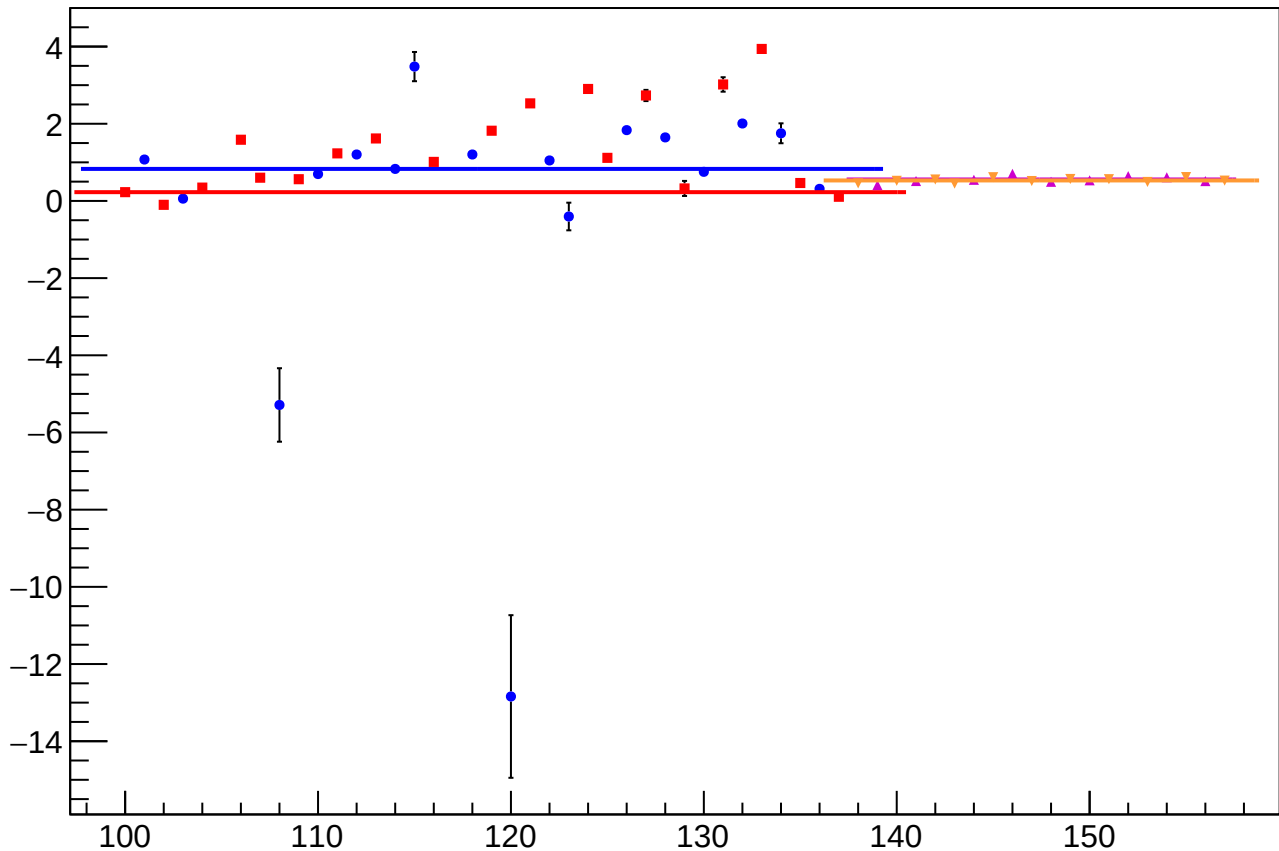
Left In: -1.937 ± 0.198 $\chi^2/\text{NDF}: 2041.7/8$

+ sign -16.934 ± 0.128 $\chi^2/\text{NDF}: 13690.3/27$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 47035.4/55$

- sign -5.568 ± 0.000 $\chi^2/\text{NDF}: 25476.1/27$

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 14882.7/16$

Left Out: 0.531 ± 0.002 $\chi^2/\text{NDF}: 930.5/10$

Right Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 11819.9/18$

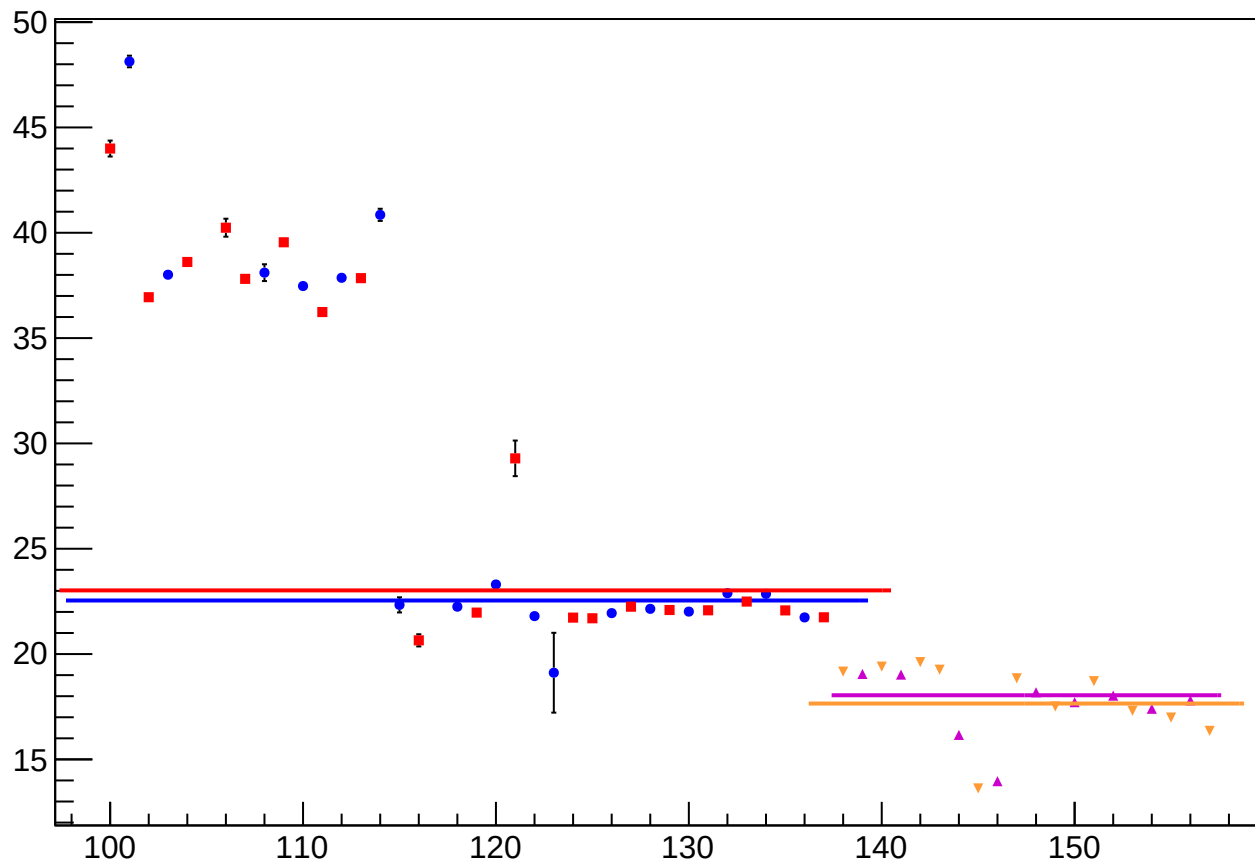
Left In: 0.556 ± 0.002 $\chi^2/\text{NDF}: 1895.9/8$

+ sign 0.830 ± 0.000 $\chi^2/\text{NDF}: 48741.0/27$

All: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457$

- sign 0.227 ± 0.000 $\chi^2/\text{NDF}: 57311.9/27$

dit_sam6_4aY_slope vs Slug



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 17.651 $\pm$ 0.008 χ^2 /NDF: 69641.3/10

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

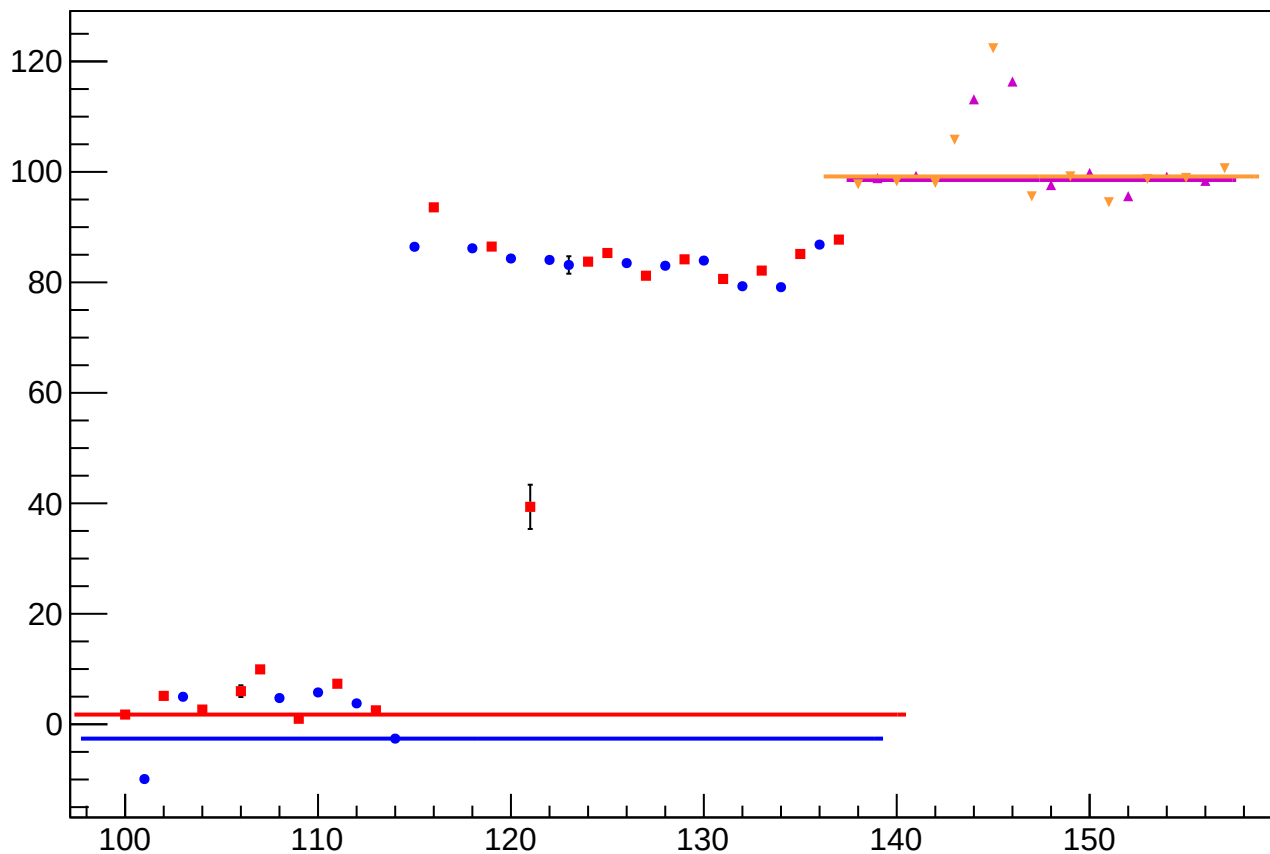
Left In: 18.045 $\pm$ 0.009 χ^2 /NDF: 9915.3/8

+ sign 19.780 $\pm$ 0.006 χ^2 /NDF: 331015.1/27

All: 20.145 $\pm$ 0.004 χ^2 /NDF: 665044.1/55

- sign 20.542 $\pm$ 0.006 χ^2 /NDF: 326666.0/27

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

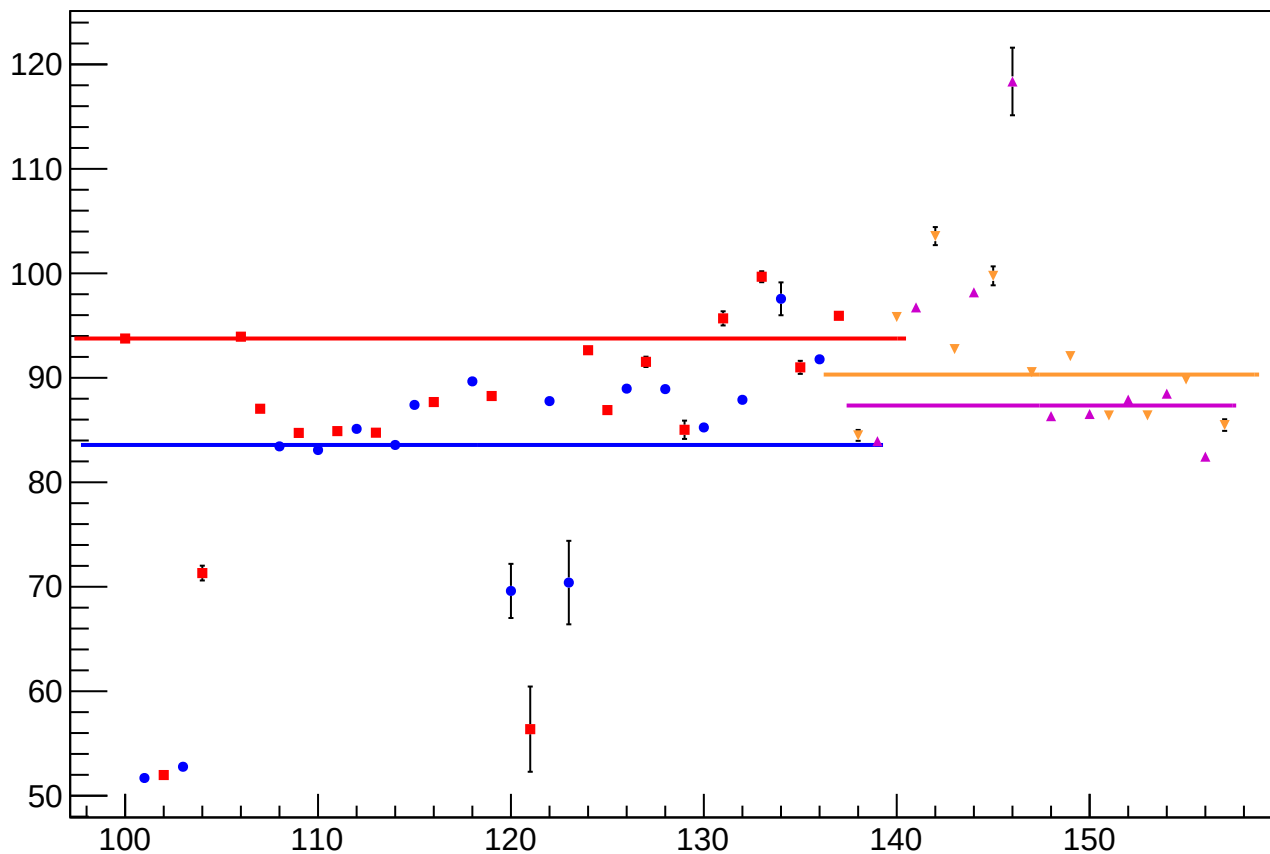
Left In: 98.534+/-0.015 χ^2/NDF : 16121.1/8

+ 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 : 48641949.7/27

dit_sam7_4aX_slope vs Slug



Right In: 83.573 $\pm$ 0.000 χ^2 /NDF: 49468.0/16

Left Out: 90.312 $\pm$ 0.102 χ^2 /NDF:1437.2/10

Right Out: 93.762 $\pm$ 0.000 χ^2 /NDF: 82848.8/18

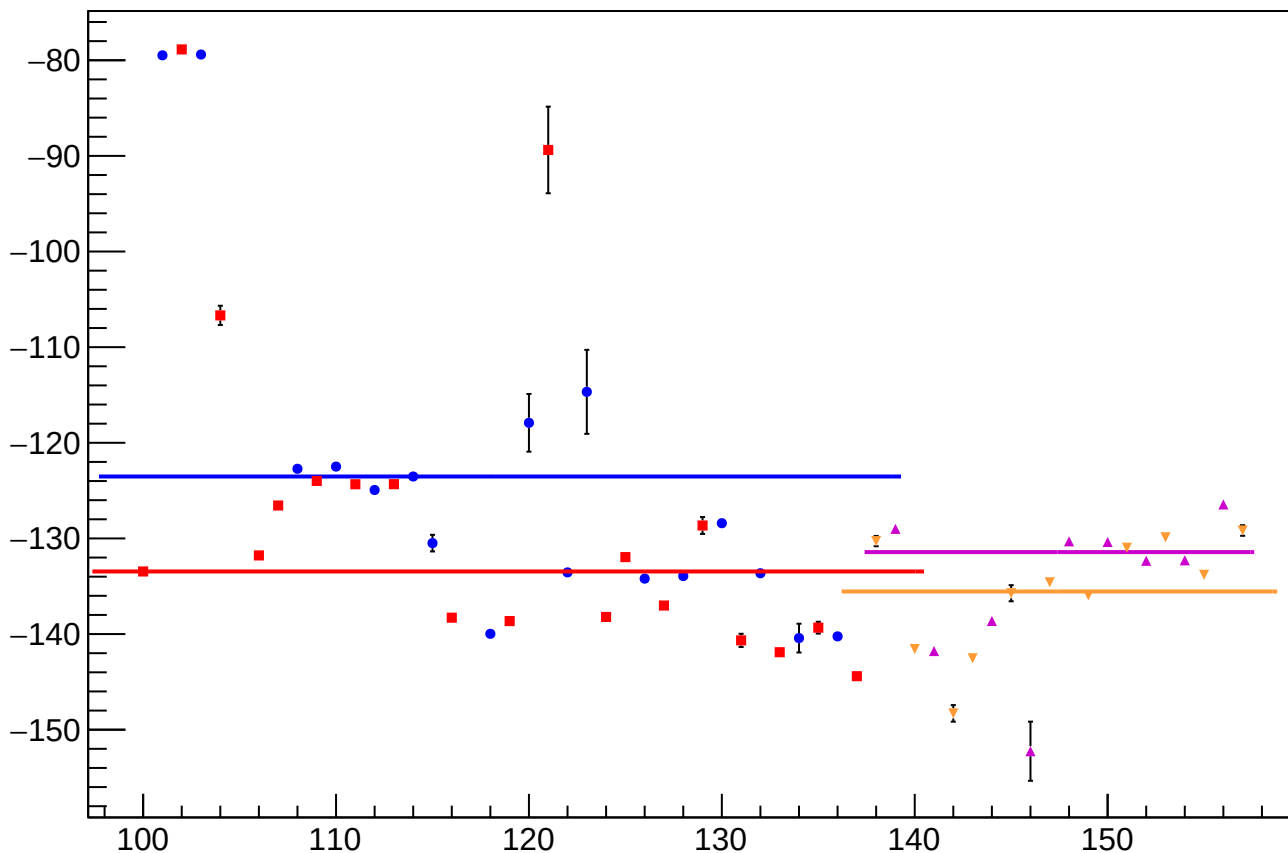
Left In: 87.348 $\pm$ 0.076 χ^2 /NDF:2724.2/8

+ sign 83.573 $\pm$ 0.000 χ^2 /NDF: 55279.0/27

All: 87.169 $\pm$ 0.000 χ^2 /NDF: 1995684404141

- sign 93.762 $\pm$ 0.000 χ^2 /NDF: 92670.8/27

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 160356.5/16$

Left Out: -135.550 ± 0.101 $\chi^2/\text{NDF}: 2379.2/10$

Right Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 394896.3/18$

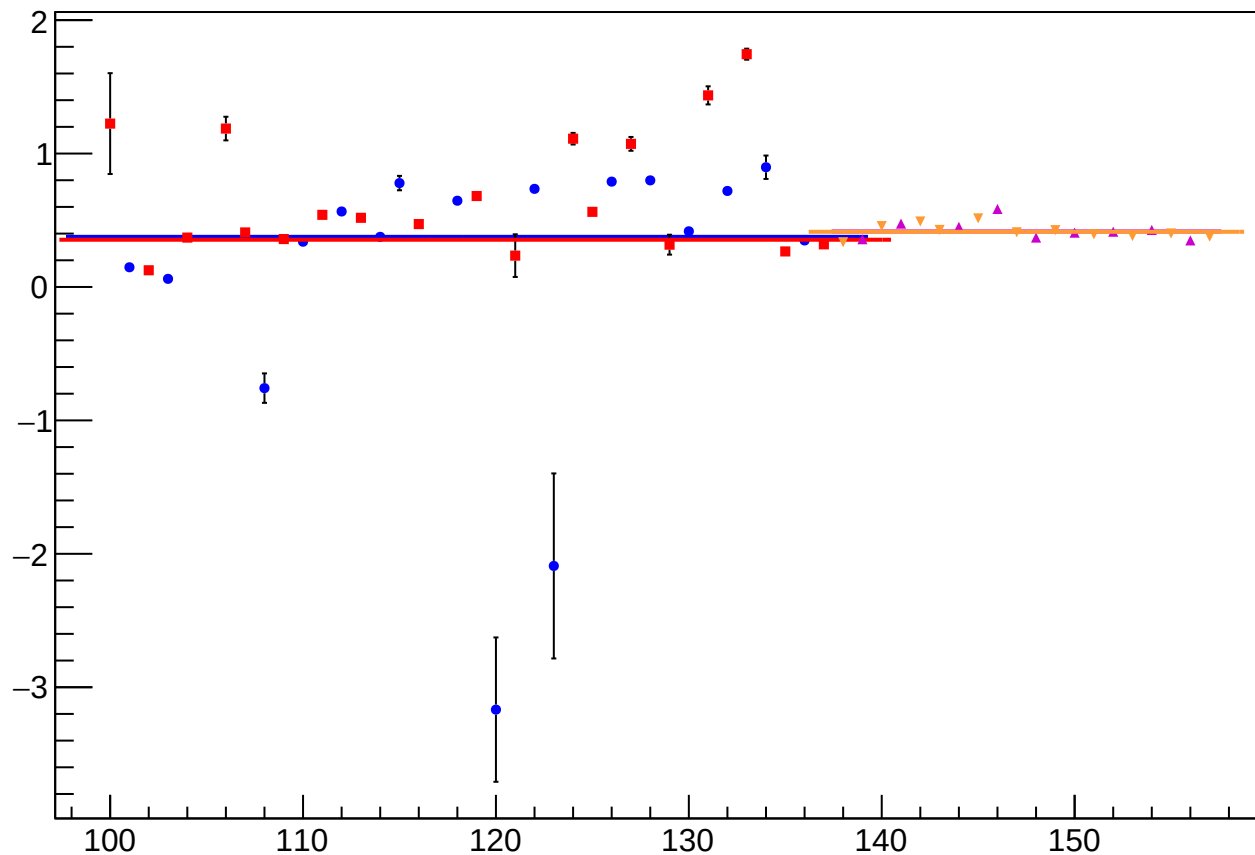
Left In: -131.429 ± 0.074 $\chi^2/\text{NDF}: 2394.5/8$

+ sign -123.524 ± 0.000 $\chi^2/\text{NDF}: 176786.6/27$

All: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901$

- sign -133.456 ± 0.000 $\chi^2/\text{NDF}: 398035.7/27$

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.414 $\pm$ 0.001 χ^2 /NDF: 1162.4/10

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

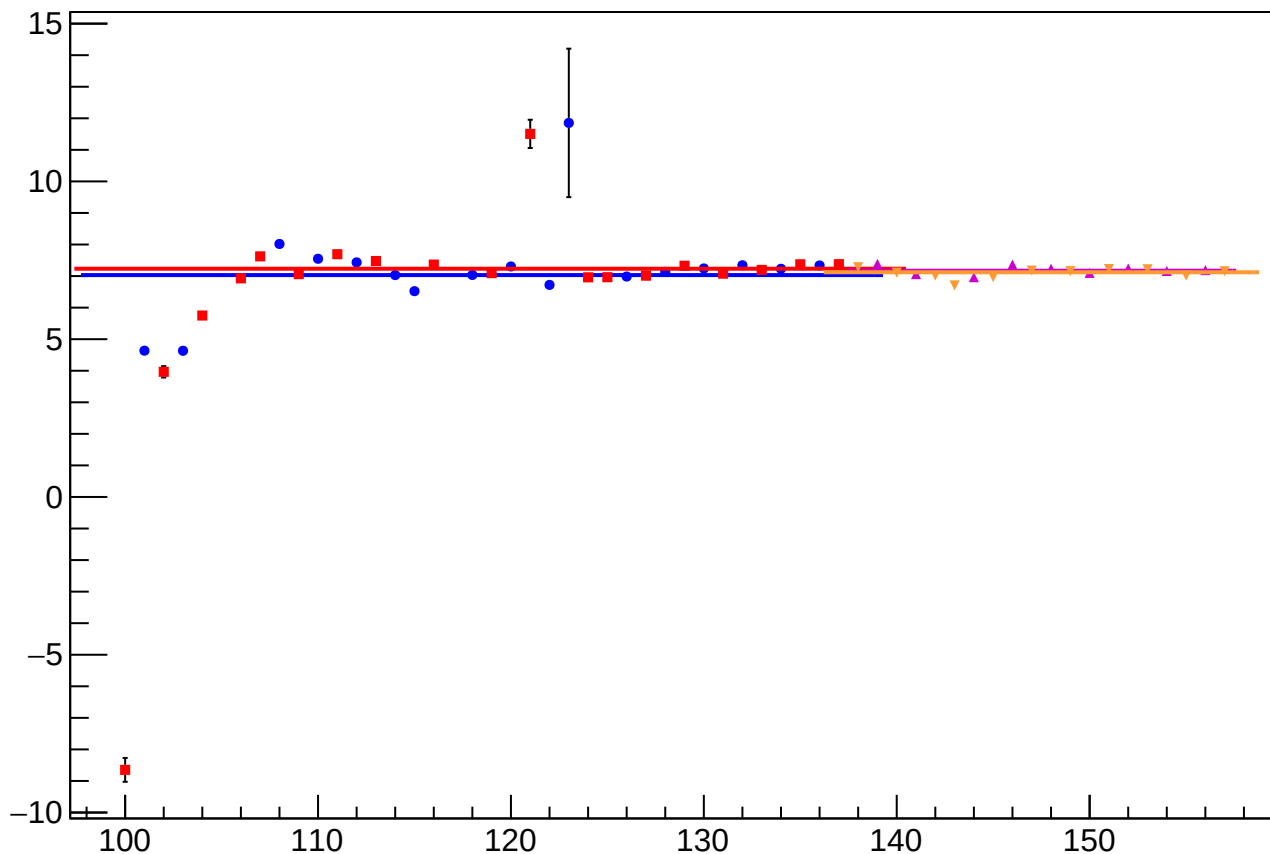
Left In: 0.416 $\pm$ 0.001 χ^2 /NDF: 3366.1/8

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 7610.5/27

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 20095.8/55

- sign 0.407 $\pm$ 0.001 χ^2 /NDF: 9410.9/27

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.121 ± 0.001 χ^2/NDF : 14254.1/10

Right Out: 7.233 ± 0.002 χ^2/NDF : 10061.8/18

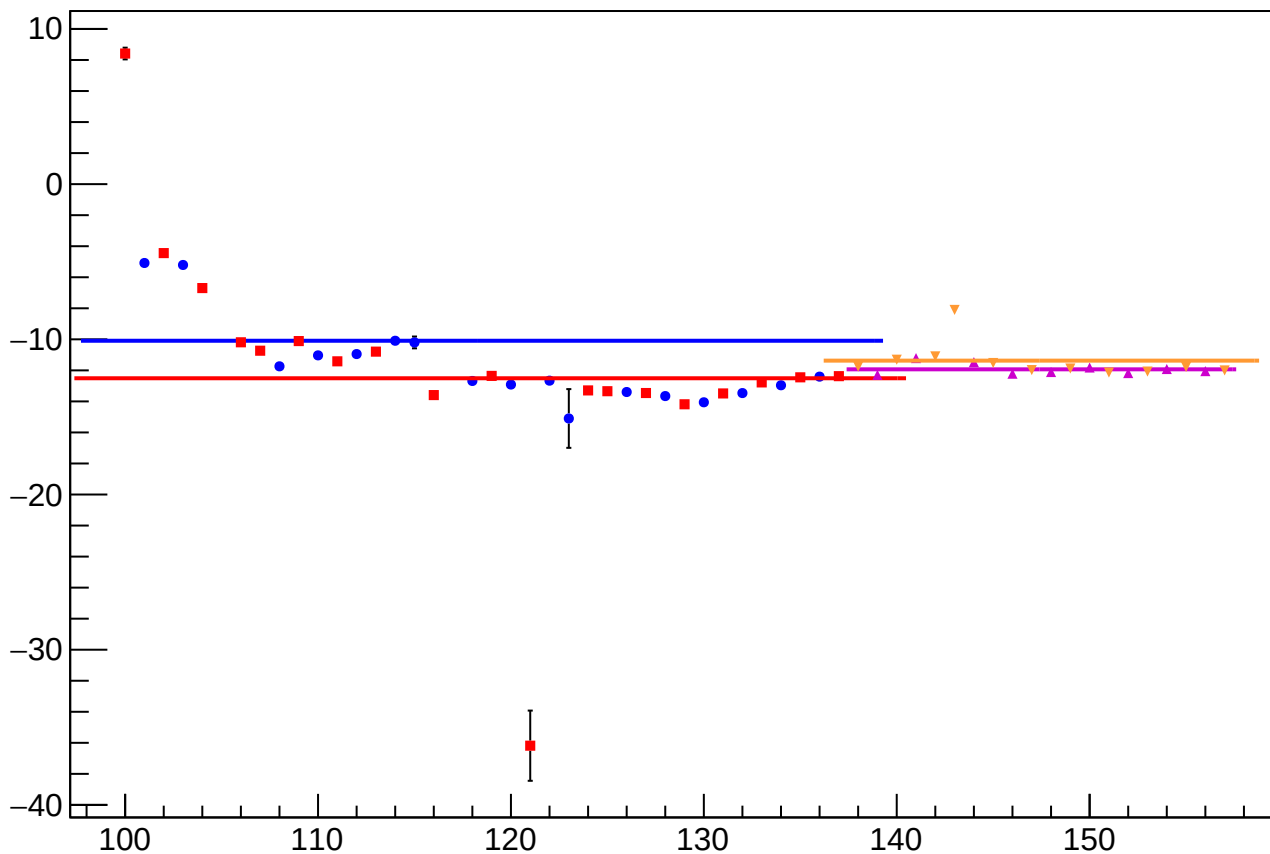
Left In: 7.170 ± 0.001 χ^2/NDF : 7343.9/8

+ sign 7.032 ± 0.000 χ^2/NDF : 38698.1/27

All: 7.032 ± 0.000 χ^2/NDF : 75907.9/55

- sign 7.184 ± 0.001 χ^2/NDF : 17953.3/27

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

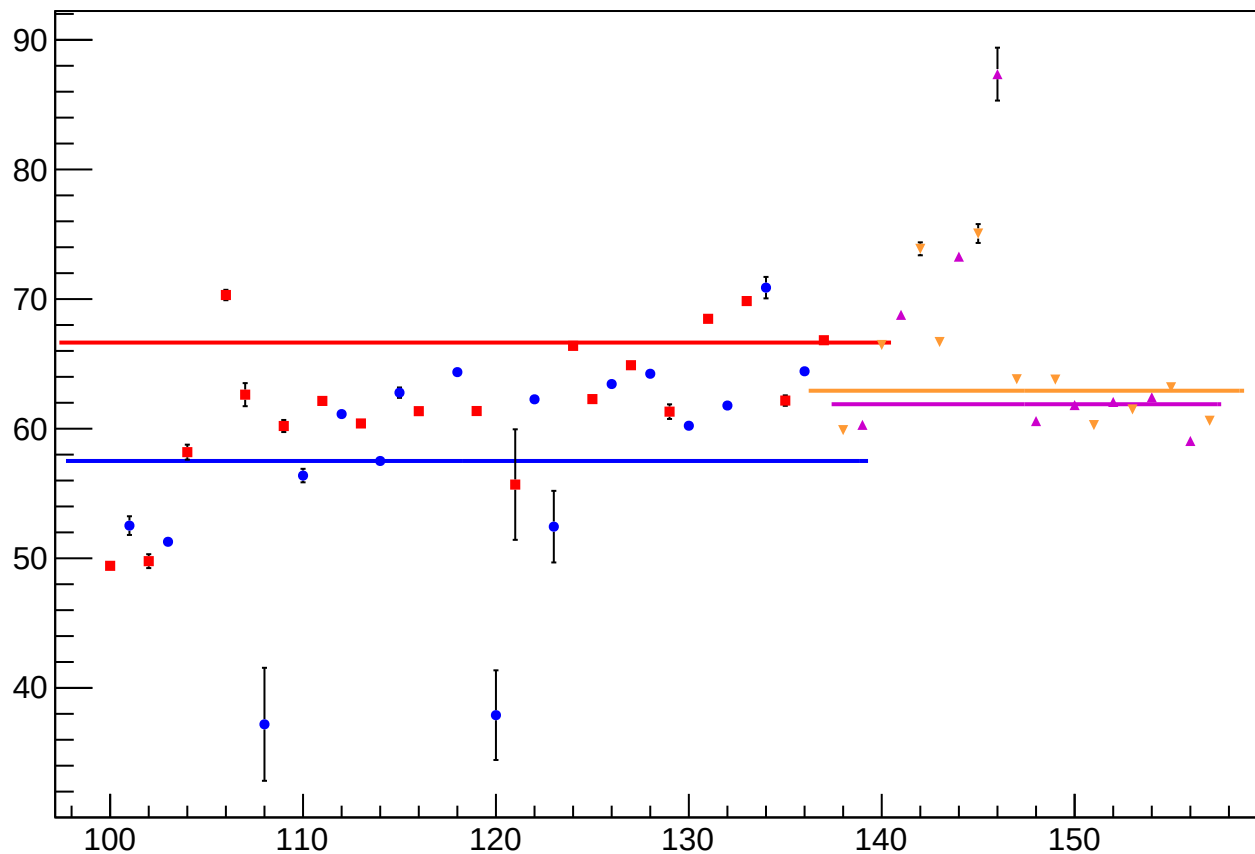
Left In: -11.933 ± 0.003 χ^2/NDF : 9865.4/8

+ sign -10.092 ± 0.000 χ^2/NDF : 1197751.2/27

All: -10.092 ± 0.000 χ^2/NDF : 2201312.5/55

- sign -12.127 ± 0.002 χ^2/NDF : 128993.5/27

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 62.930 ± 0.059 χ^2/NDF : 2359.4/10

Right Out: 66.645 ± 0.013 χ^2/NDF : 8163.8/18

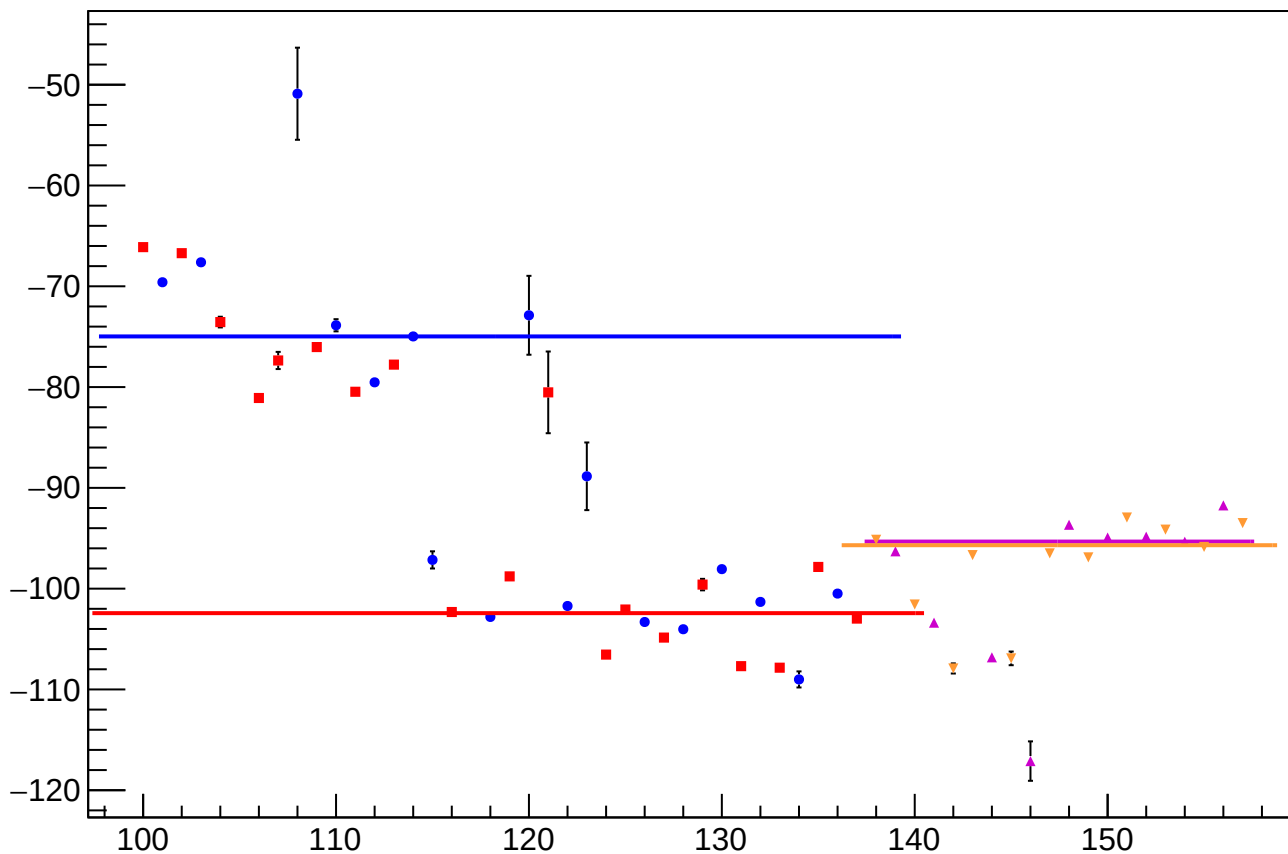
Left In: 61.888 ± 0.046 χ^2/NDF : 3047.7/8

+ sign 57.510 ± 0.000 χ^2/NDF : 18772.6/27

All: 57.510 ± 0.000 χ^2/NDF : 527081.3/55

- sign 66.294 ± 0.013 χ^2/NDF : 20976.6/27

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 $\chi^2/\text{NDF}: 50377.5/18$

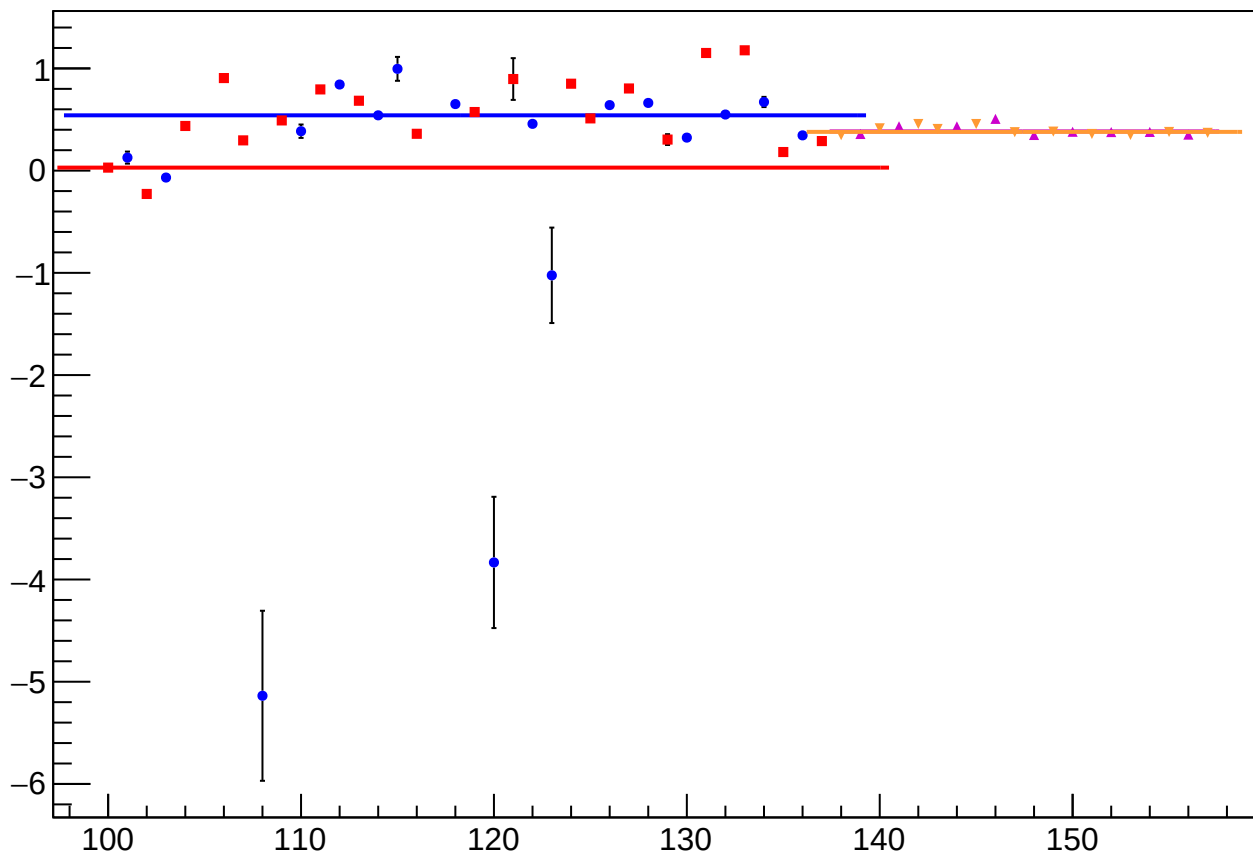
Left In: -95.329 ± 0.047 $\chi^2/\text{NDF}: 3731.8/8$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 251718.0/27$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2869794.6/55$

- sign -101.535 ± 0.017 $\chi^2/\text{NDF}: 74144.8/27$

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

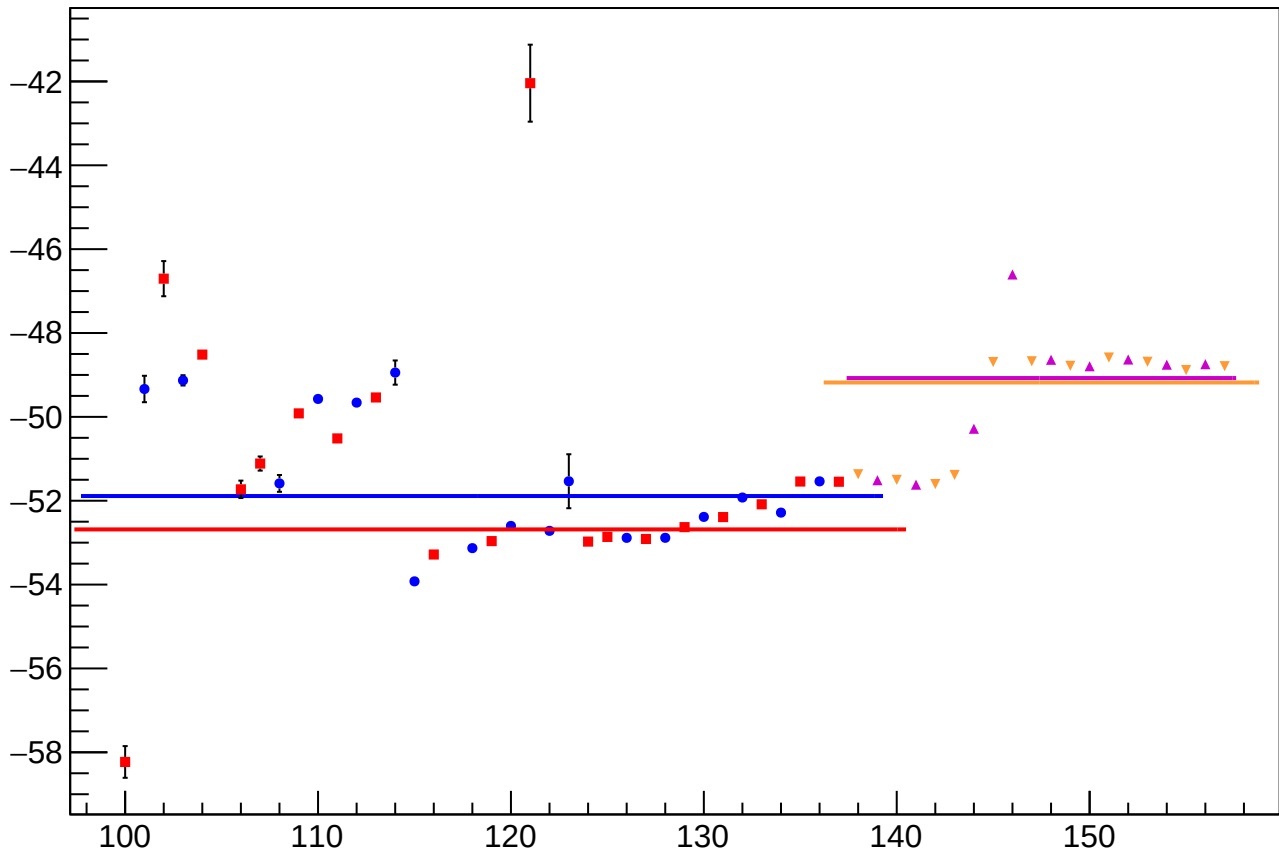
Left In: 0.384 ± 0.000 χ^2/NDF : 2772.6/8

+ 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 : 750443.9/27

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

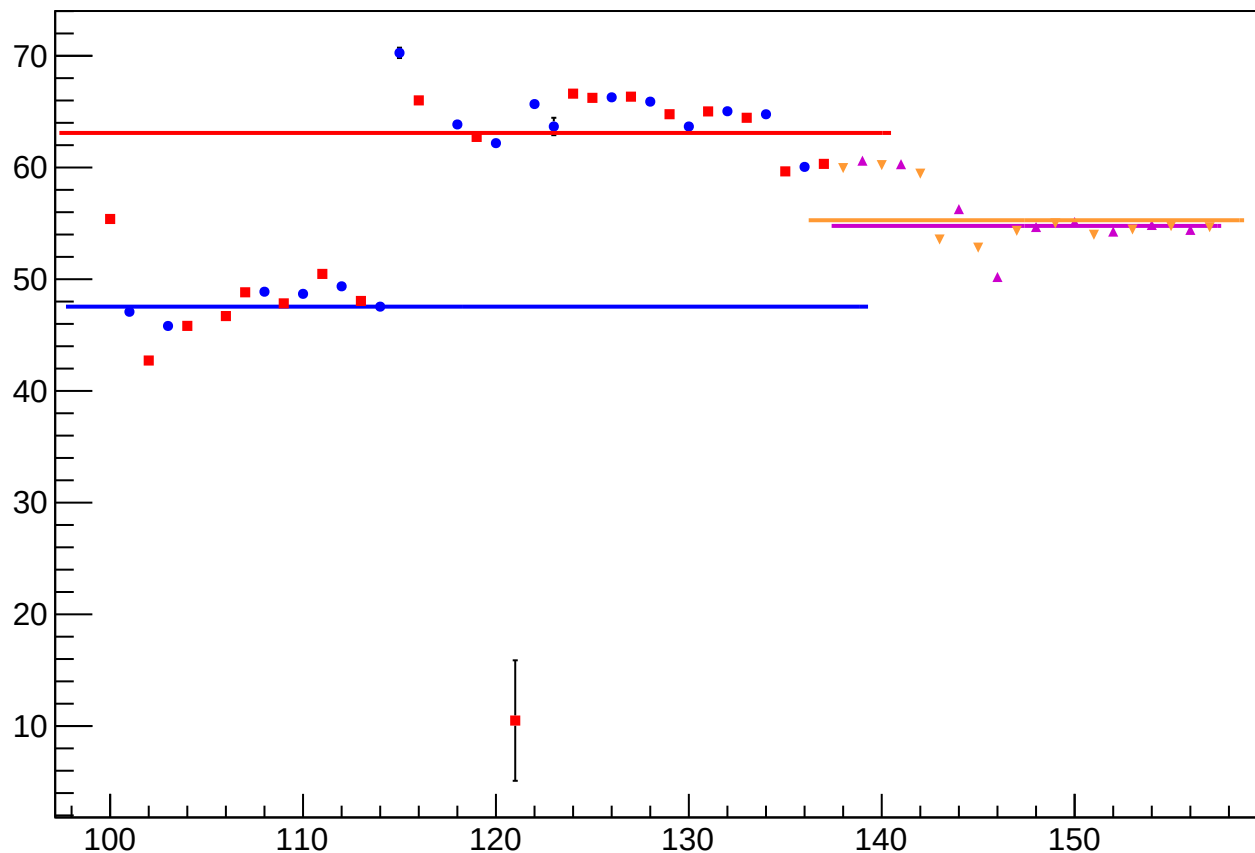
Left In: -49.074 ± 0.001 χ^2/NDF : 491224.3/8

+ sign -50.249 ± 0.001 χ^2/NDF : 1290892.4/27

All: -50.050 ± 0.001 χ^2/NDF : 3409397.3/55

- sign -49.898 ± 0.001 χ^2/NDF : 2082701.1/27

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

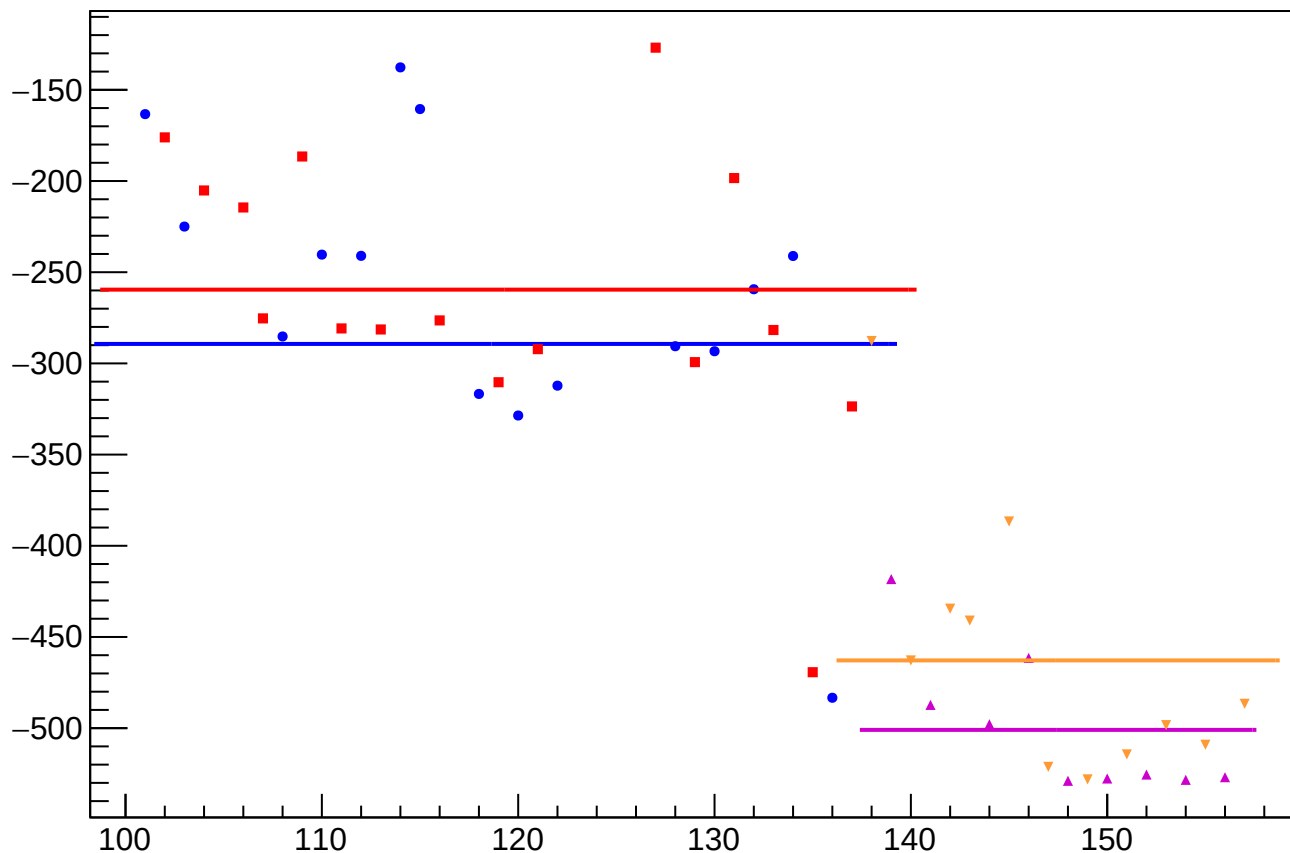
Left In: 54.773 $\pm$ 0.003 χ^2 /NDF: 76498.4/8

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 7014673.6/27

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 17006225.1/55

- sign 56.032 $\pm$ 0.003 χ^2 /NDF: 1462691.8/27

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

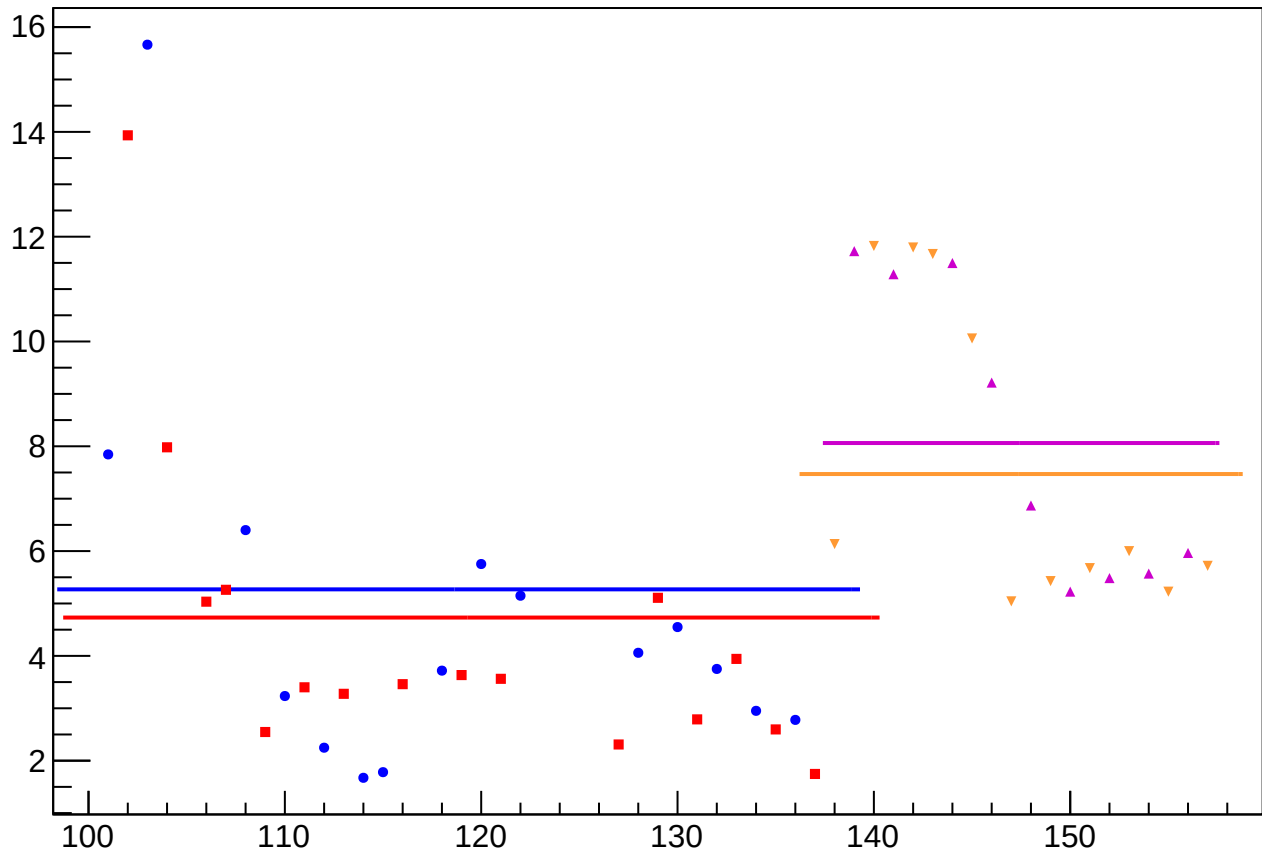
Left In: -500.945+/-0.000 χ^2/NDF : 1002773742661099724887645448499625984.0/8

+ sign -387.061+/-0.000 χ^2/NDF : 20458531674633

All: -387.928+/-0.000 χ^2/NDF : 46576164520

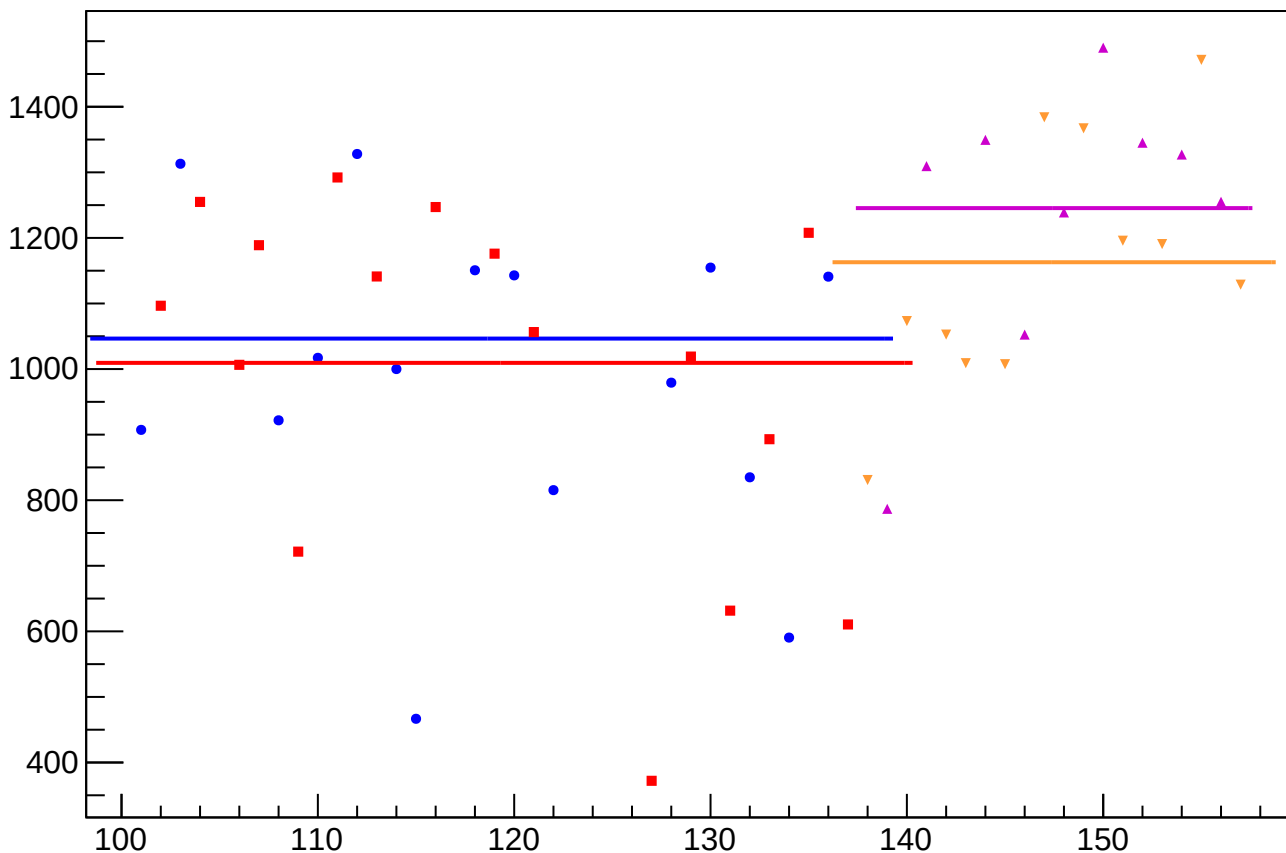
- sign -388.824+/-0.000 χ^2/NDF : 261153616506297

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: 8.062 ± 0.000 χ^2/NDF : 5462992496402472545542138920697856.0/8

dit_4aX_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

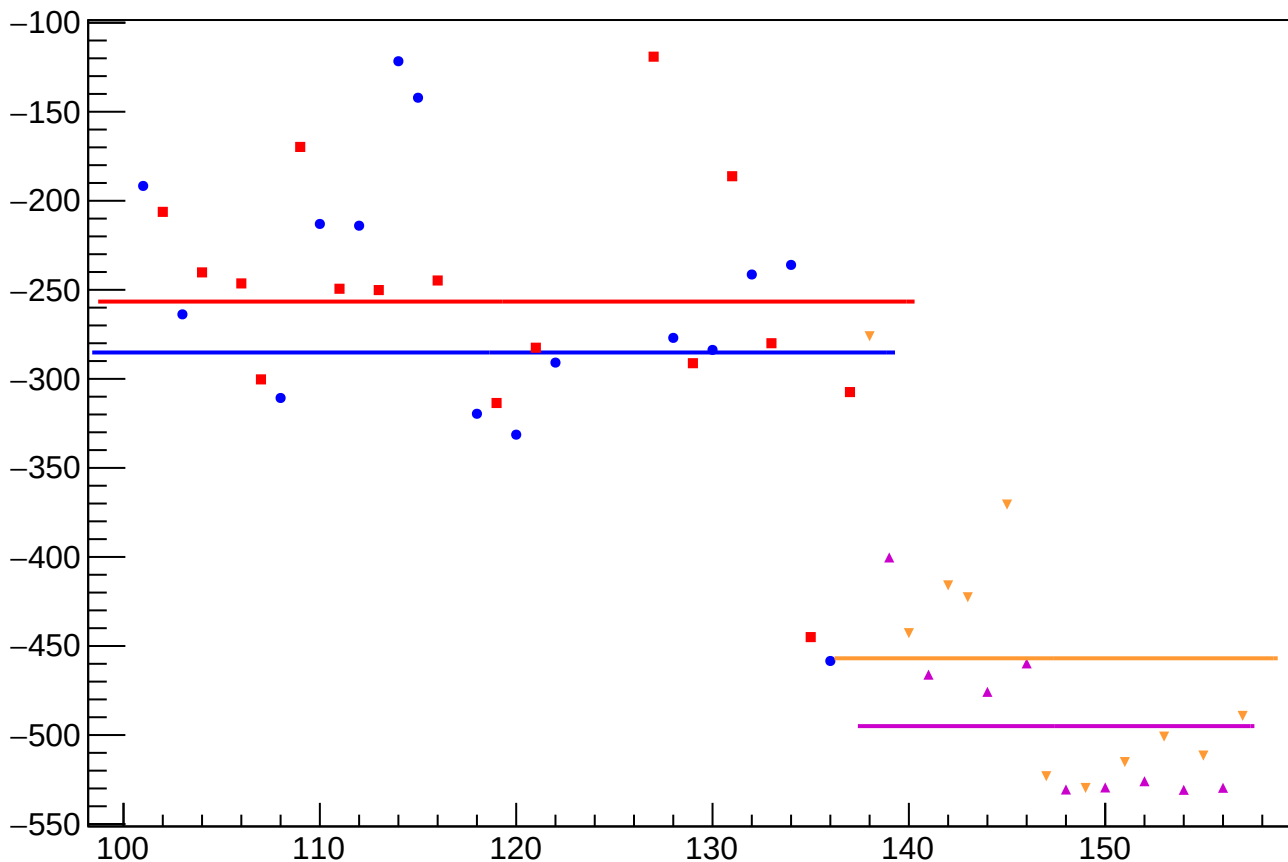
All: 1123.744+/-0.000 χ^2/NDF : 1516265995

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1135.827+/-0.000 χ^2/NDF : 92848928033849

Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

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

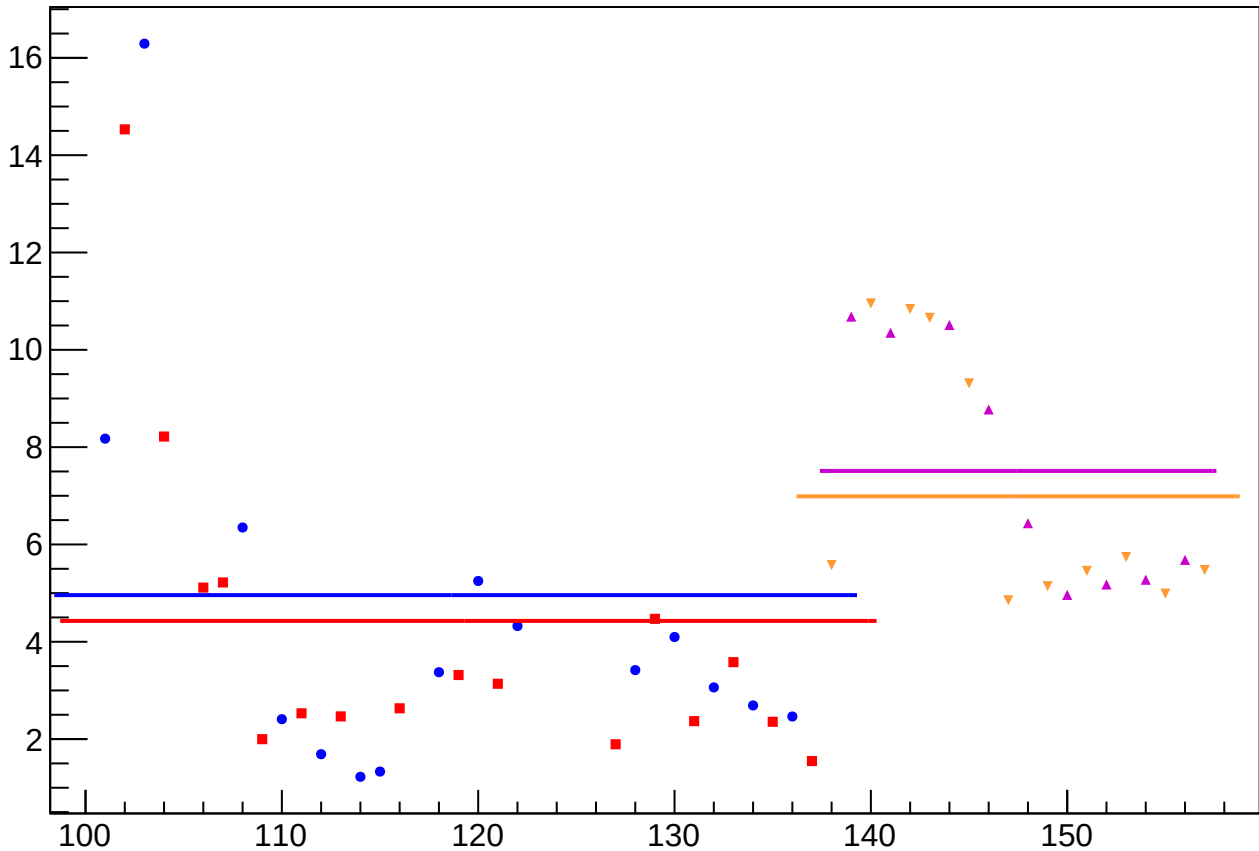
Left In: -494.991+/-0.000 χ^2/NDF : 1440990435063727684926858568986001408.0/8

+ sign -381.909+/-0.000 χ^2/NDF : 20120294192198

All: -383.065+/-0.000 χ^2/NDF : 45512869139

- sign -384.262+/-0.000 χ^2/NDF : 25388534566294

dit_4eX_coil1_err_mean vs Slug



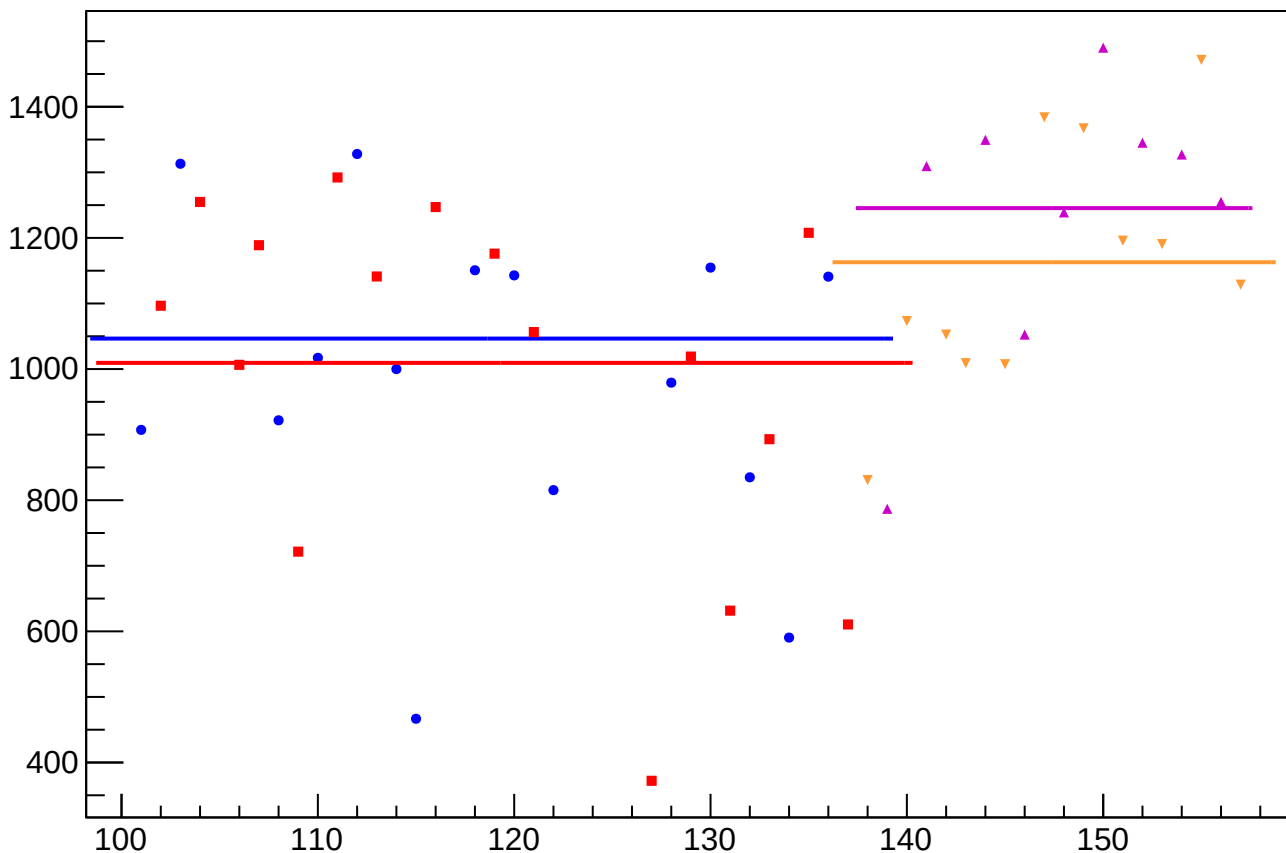
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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: 7.511+/-0.000 χ^2/NDF : 4306842592398393986816719810723840.0/8

dit_4eX_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

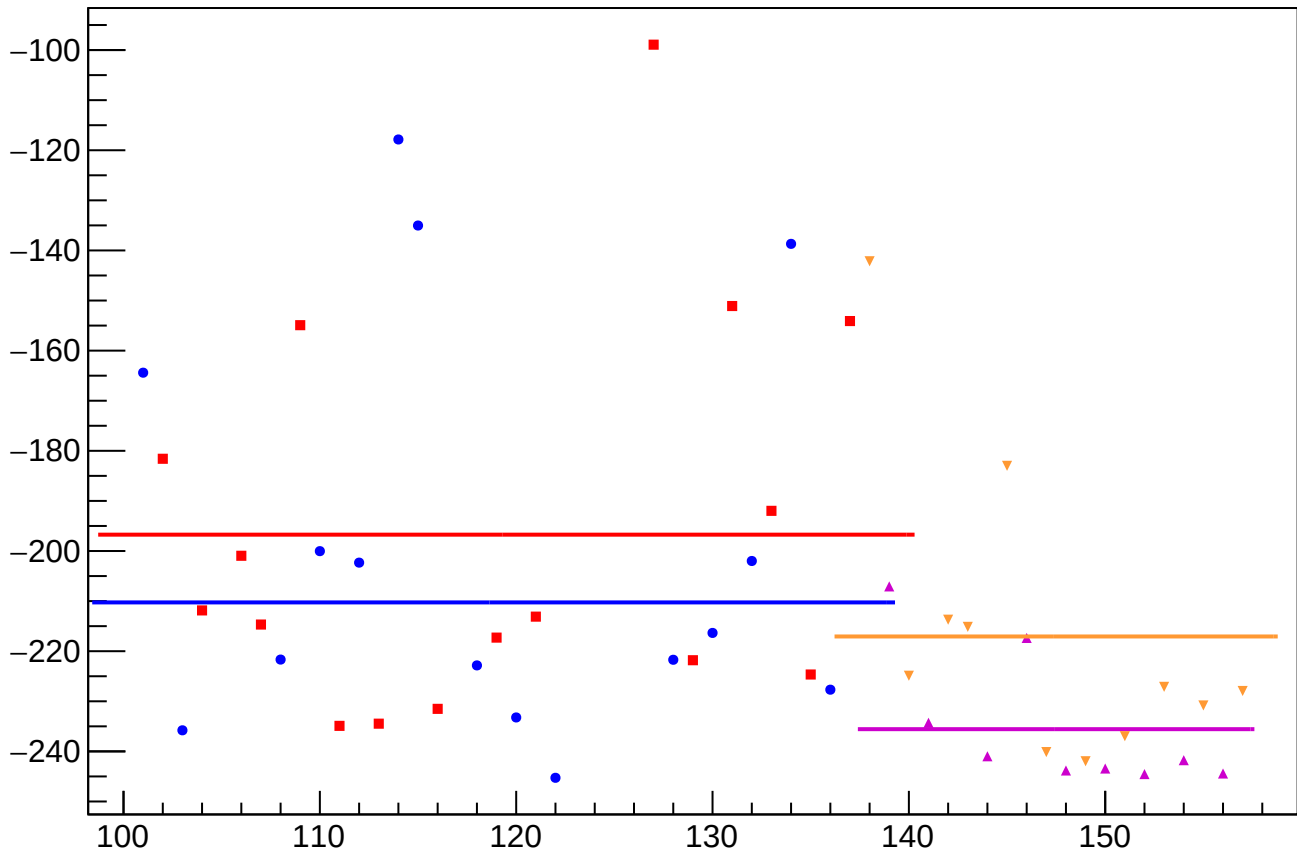
All: 1123.744+/-0.000 χ^2/NDF : 1516265995

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1135.827+/-0.000 χ^2/NDF : 92848928033849

Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

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

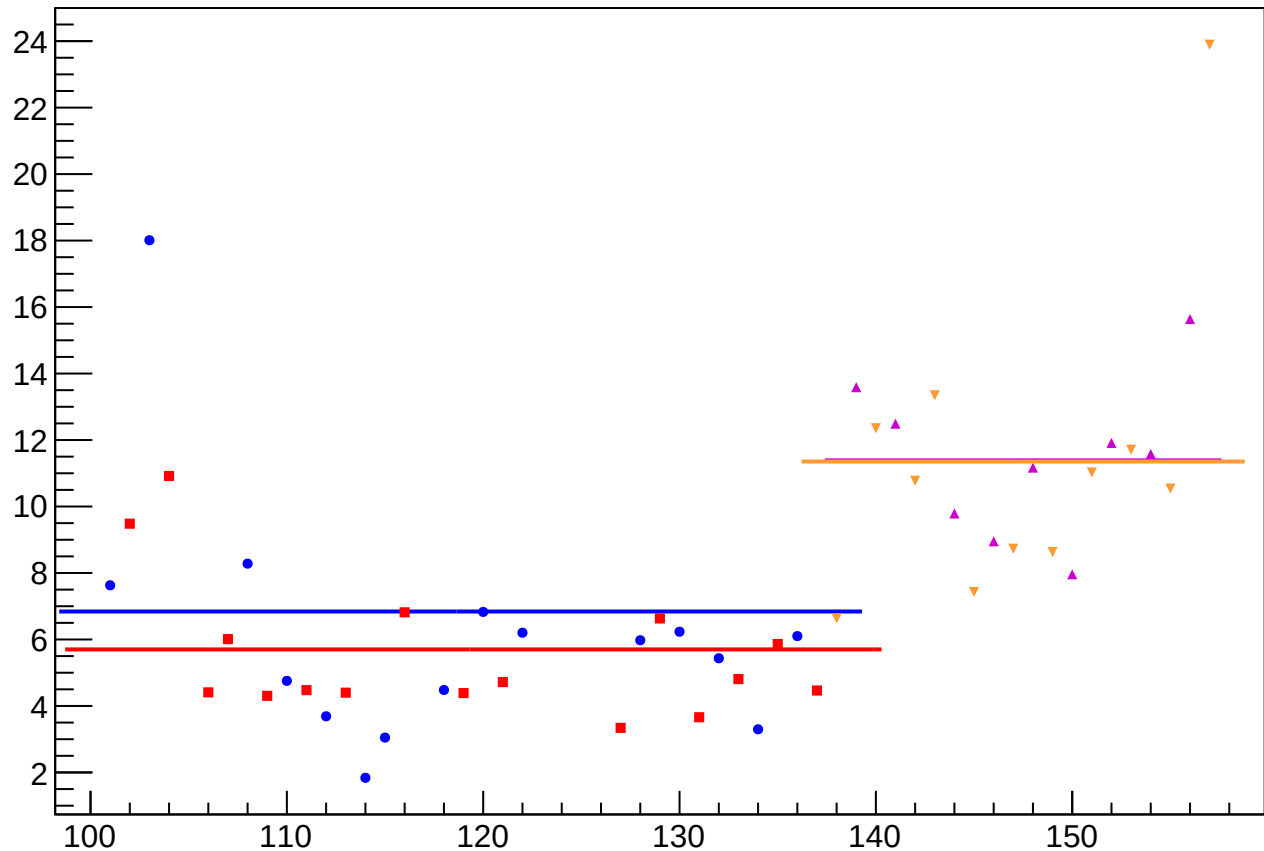
Left In: -235.563+/-0.000 χ^2/NDF : 124080438296007063370557810909642752.0/8

+ sign -214.091+/-0.000 χ^2/NDF : 12792432232025

All: -215.780+/-0.000 χ^2/NDF : 28600146083

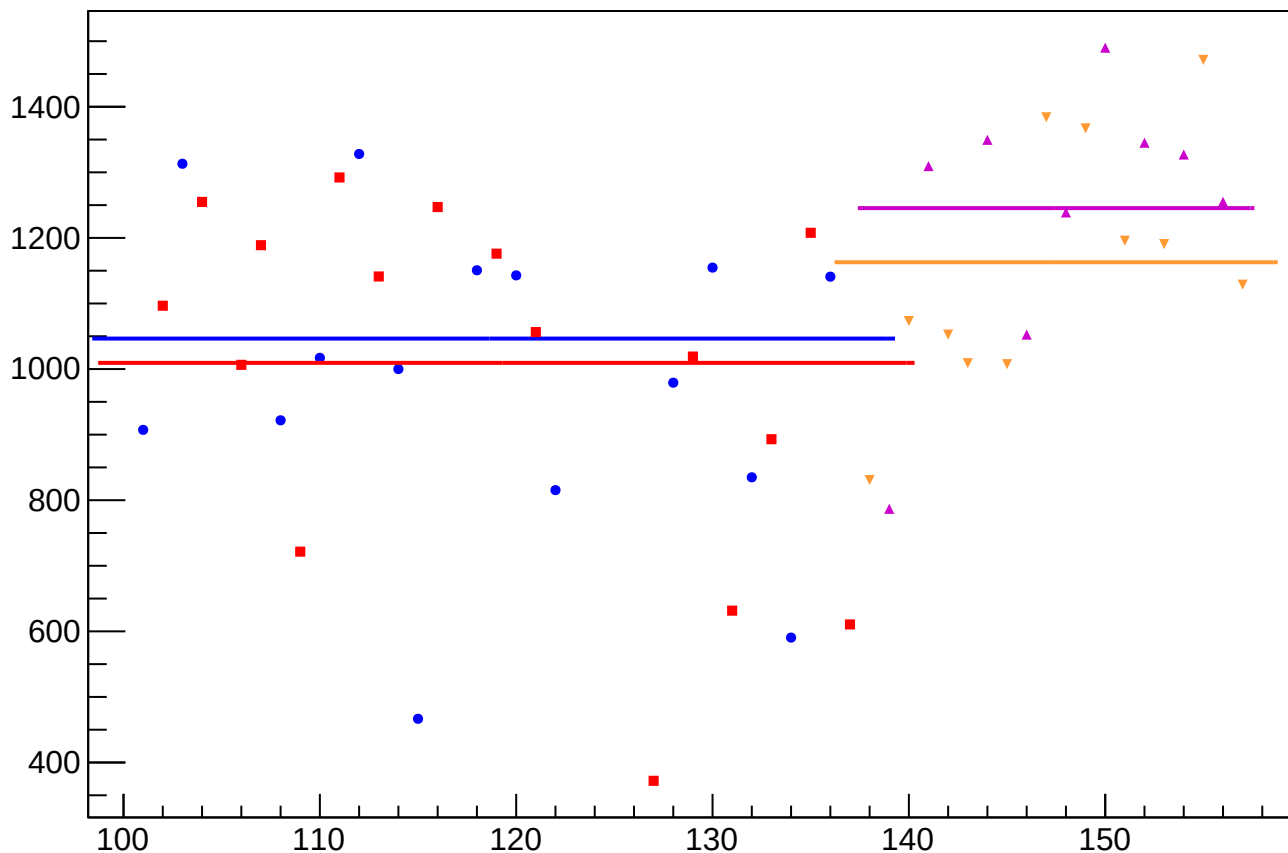
- sign -217.529+/-0.000 χ^2/NDF : 157213873392097

dit_11X12X_coil1_err_mean vs Slug



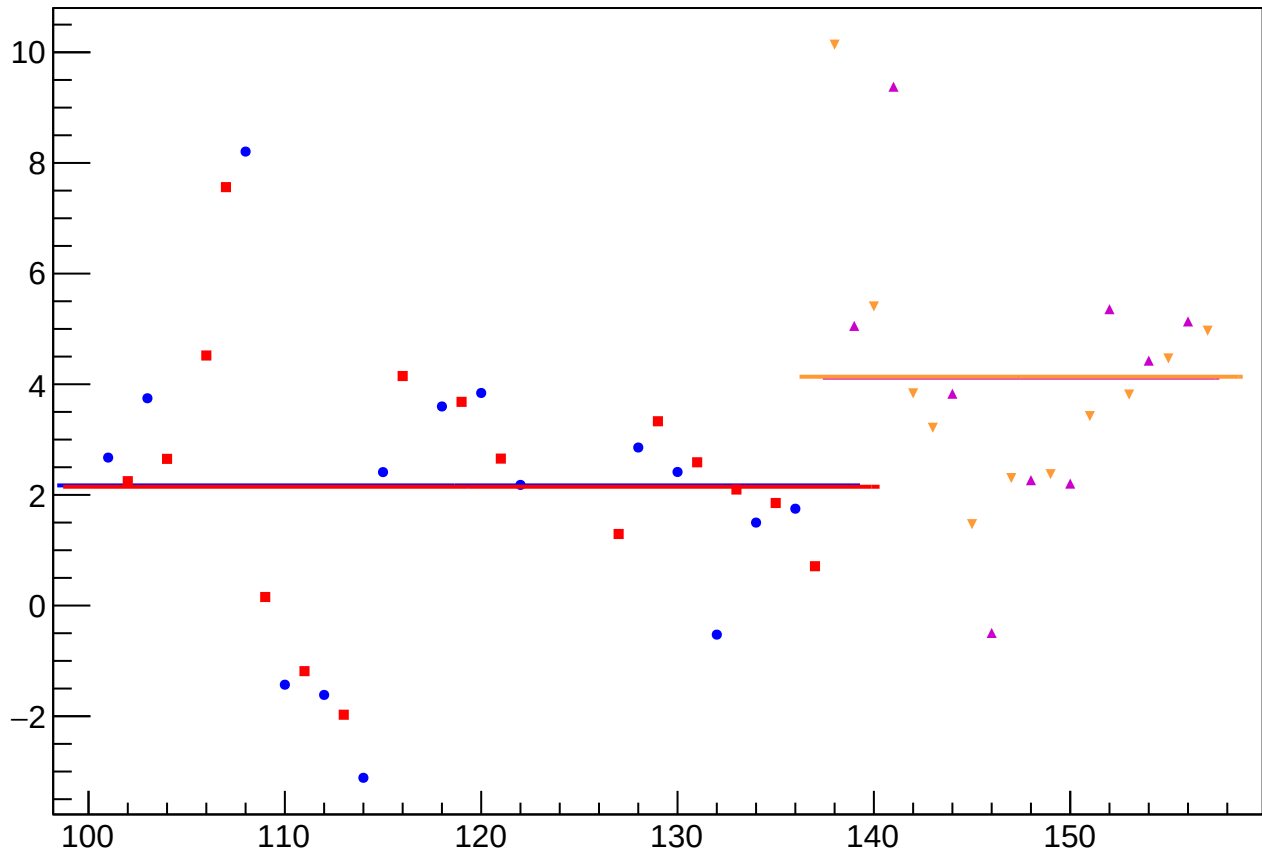
Right In: 6.842+/-0.000	χ^2/NDF : 9355934166823324467316647620771840.0/14	+ sign 9.383+/-0.000	χ^2/NDF : 33800388794996752
Left Out: 11.353+/-0.000	χ^2/NDF : 17003204421440947695366998146940928.0/10	All: 9.070+/-0.000	χ^2/NDF : 52588436445312
Right Out: 5.701+/-0.000	χ^2/NDF : 3174693398300953393137731791486976.0/15	- sign 8.747+/-0.000	χ^2/NDF : 18493079594552959
Left In: 11.389+/-0.000	χ^2/NDF : 3761066567619900626636400926654464.0/8		

dit_11X12X_coil1_Ndata_mean vs Slug



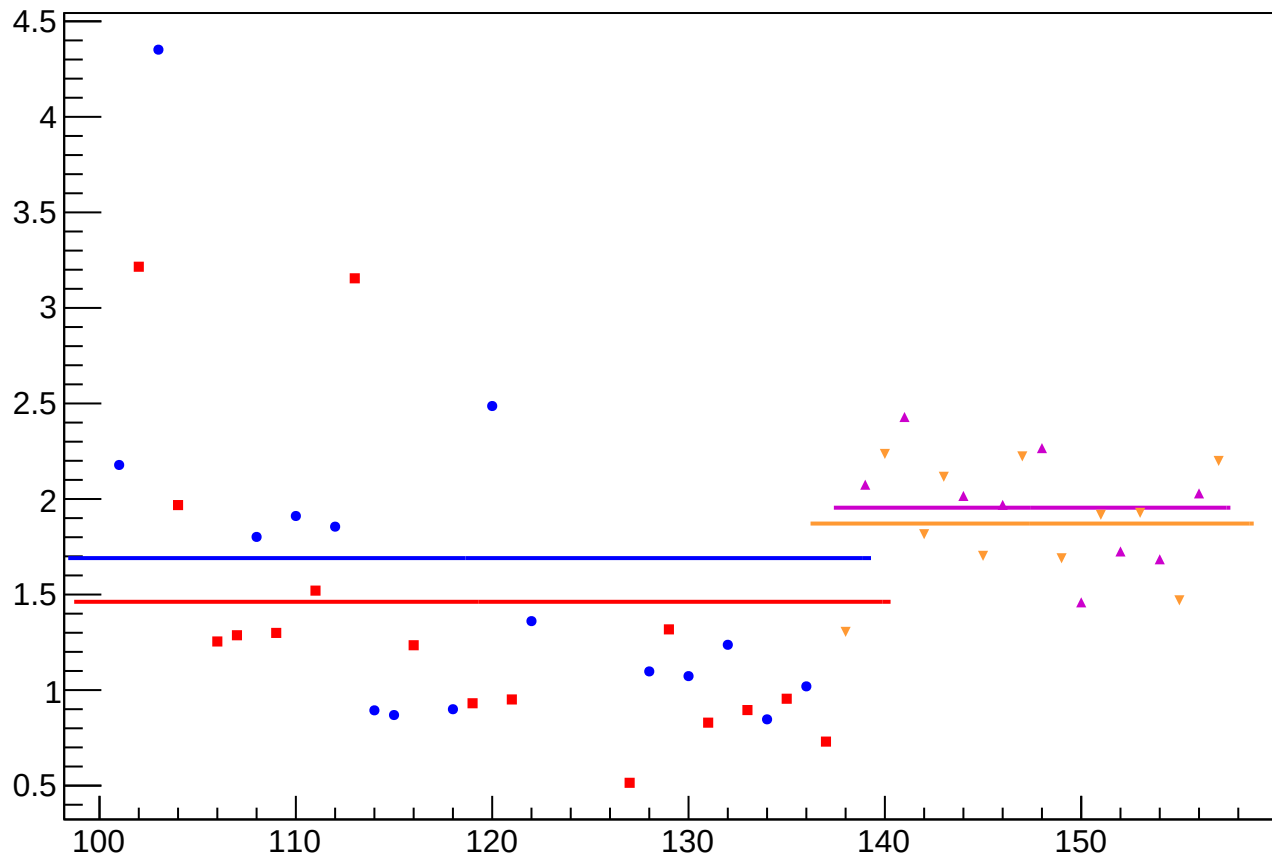
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left In: 4.120+/-0.000 χ^2/NDF : 5043033089684582437925452563611648.0/8
 Right Out: 2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left Out: 4.136+/-0.000 χ^2/NDF : 4212093447223667298573879487758336.0/10
 All: 3.241+/-0.000 χ^2/NDF : 18753085801274
 + sign 3.278+/-0.000 χ^2/NDF : 92229370861151801
 - sign 3.204+/-0.000 χ^2/NDF : 95261184091722630

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14

Left Out: 1.872 $\pm$ 0.000 χ^2 /NDF: 76656328637069487389474887303168.0/10

Right Out: 1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15

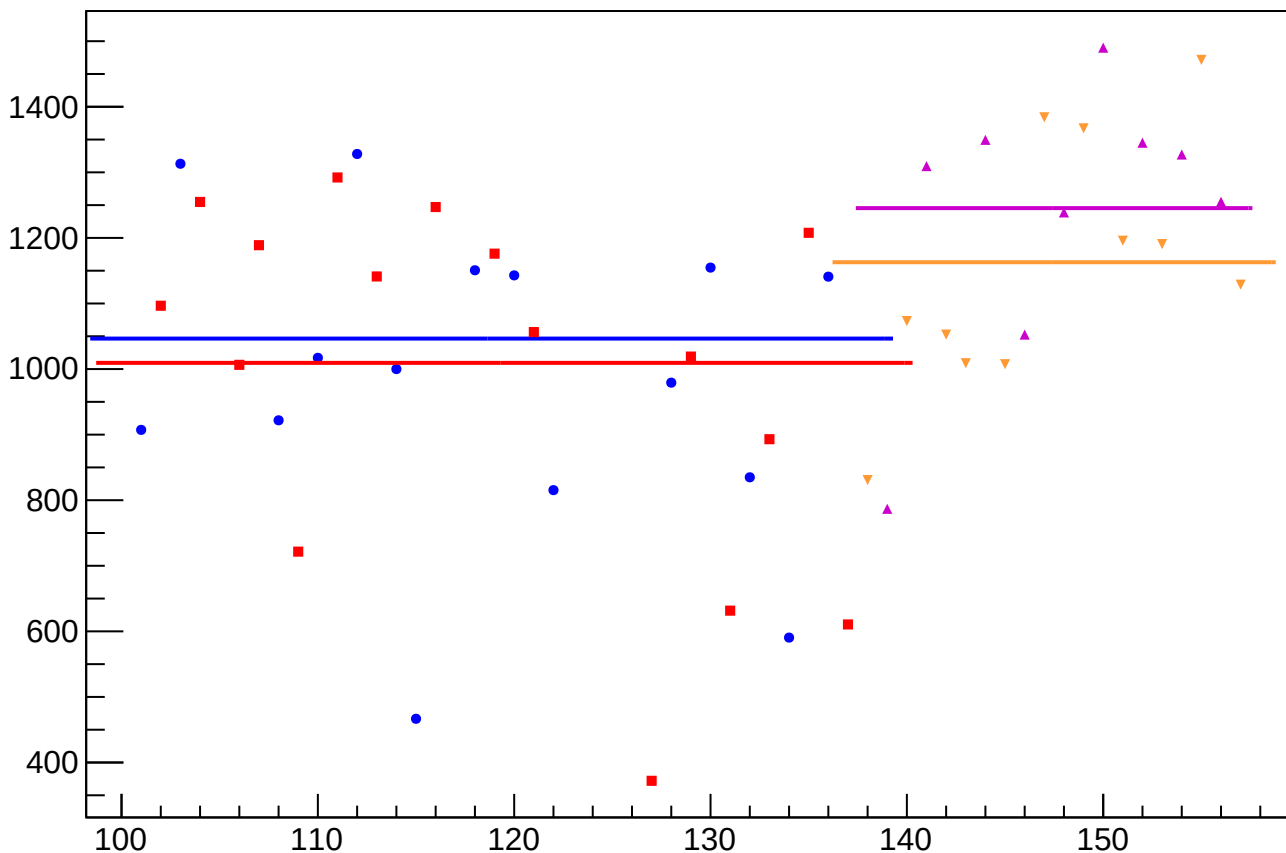
Left In: 1.955 $\pm$ 0.000 χ^2 /NDF: 62670464037535713649143840768000.0/8

+ sign 1.793 $\pm$ 0.000 χ^2 /NDF: 70076427976972020

All: 1.760 $\pm$ 0.000 χ^2 /NDF: 12976844111562

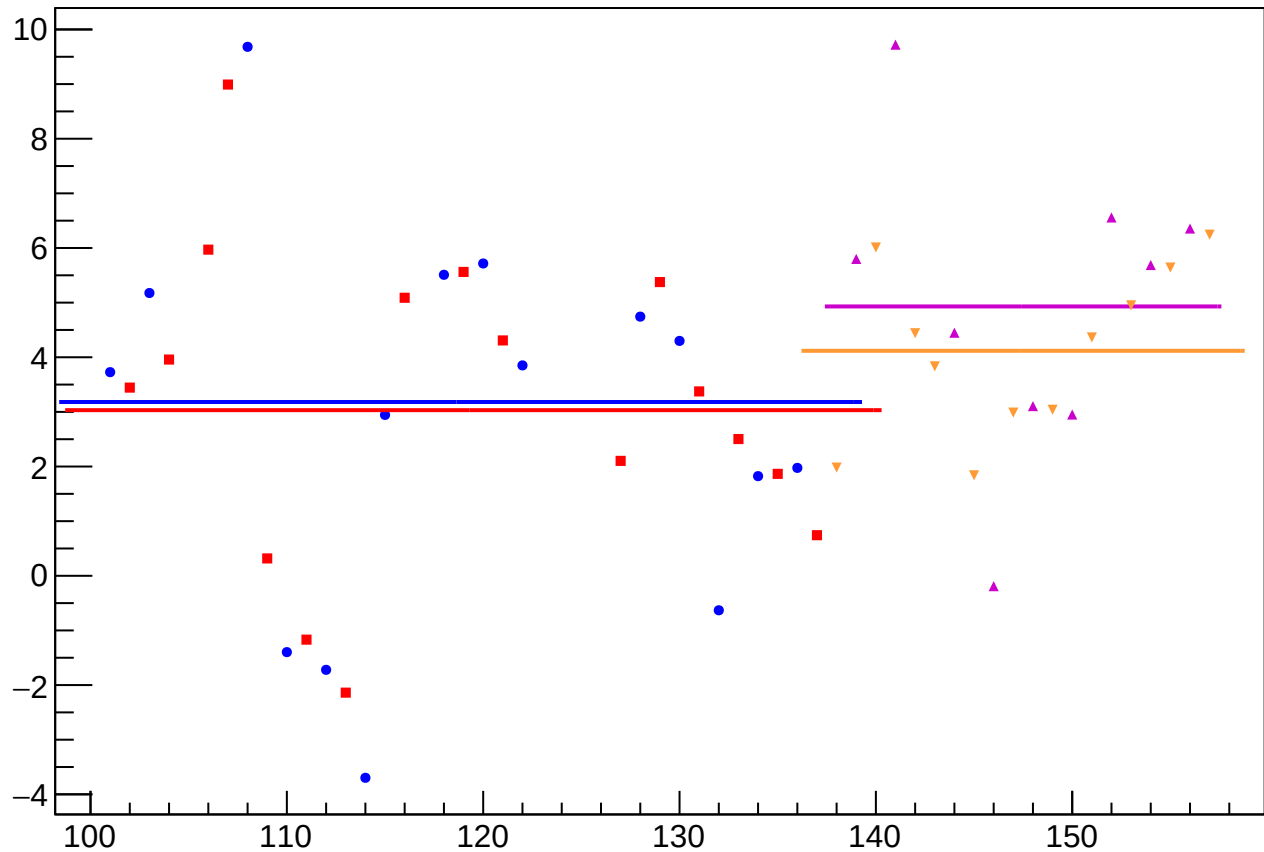
- sign 1.726 $\pm$ 0.000 χ^2 /NDF: 59366320082977364

dit_4aY_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: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

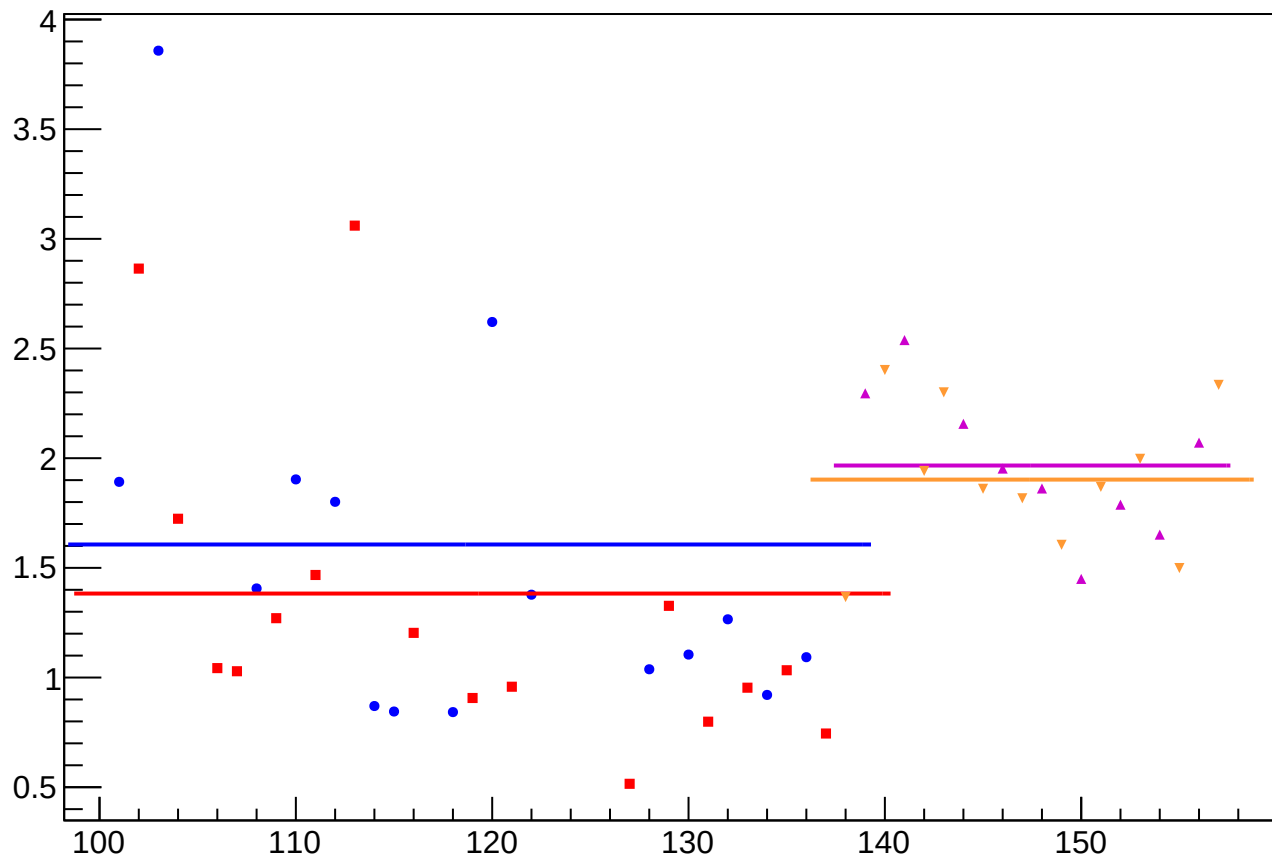
dit_4eY_coil1_mean vs Slug



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: 4.930+/-0.000	χ^2/NDF : 5289188090075816579316703664537600.0/8

+ sign 3.709+/-0.000 χ^2/NDF : 80386024353792572
 All: 3.876+/-0.000 χ^2/NDF : 1963627724846
 - sign 4.048+/-0.000 χ^2/NDF : 11513570552392628

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.902 $\pm$ 0.000 χ^2 /NDF: 90245204440142704338634778083328.0/10

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

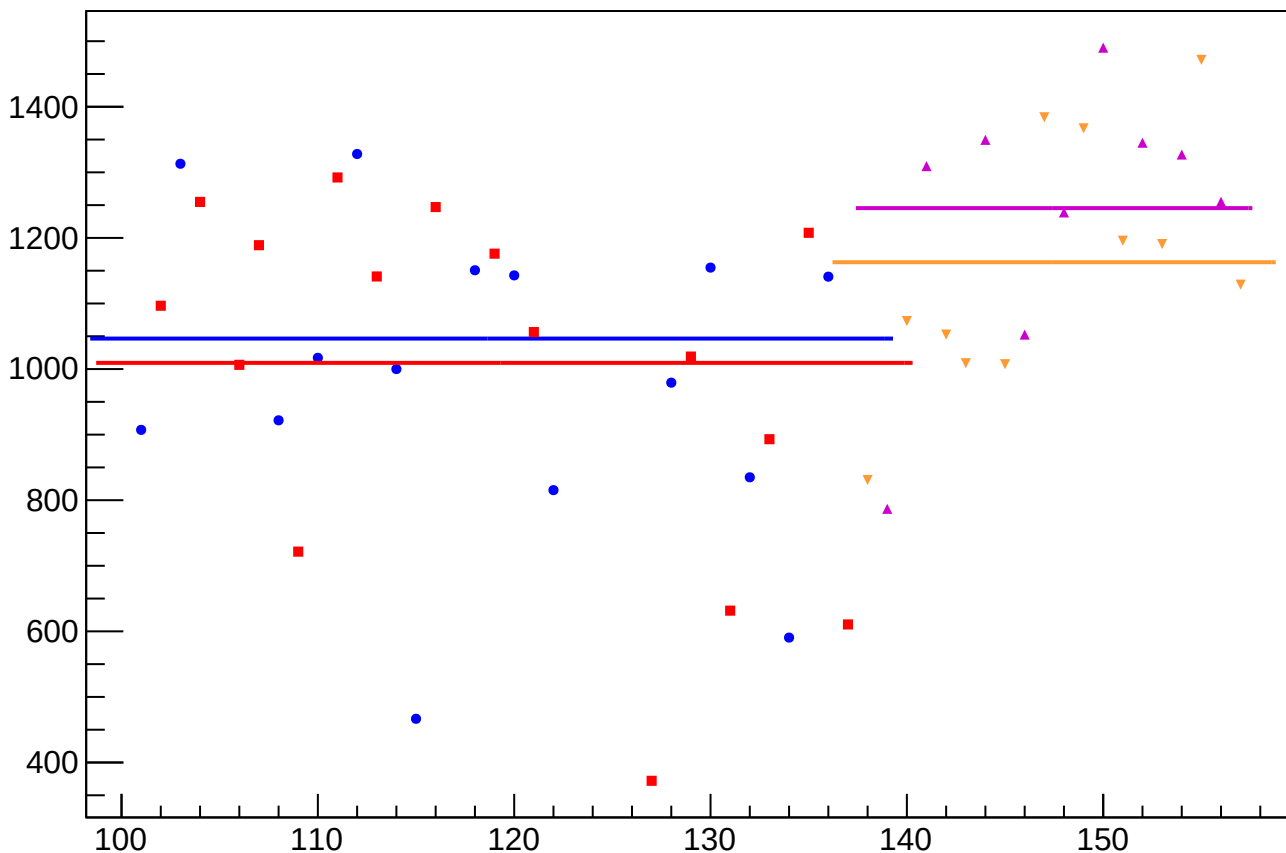
Left In: 1.967 $\pm$ 0.000 χ^2 /NDF: 77532844880032649120774048710656.0/8

+ sign 1.773 $\pm$ 0.000 χ^2 /NDF: 58319127749583928

All: 1.735 $\pm$ 0.000 χ^2 /NDF: 11451946130608

- sign 1.695 $\pm$ 0.000 χ^2 /NDF: 55758866689901314

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

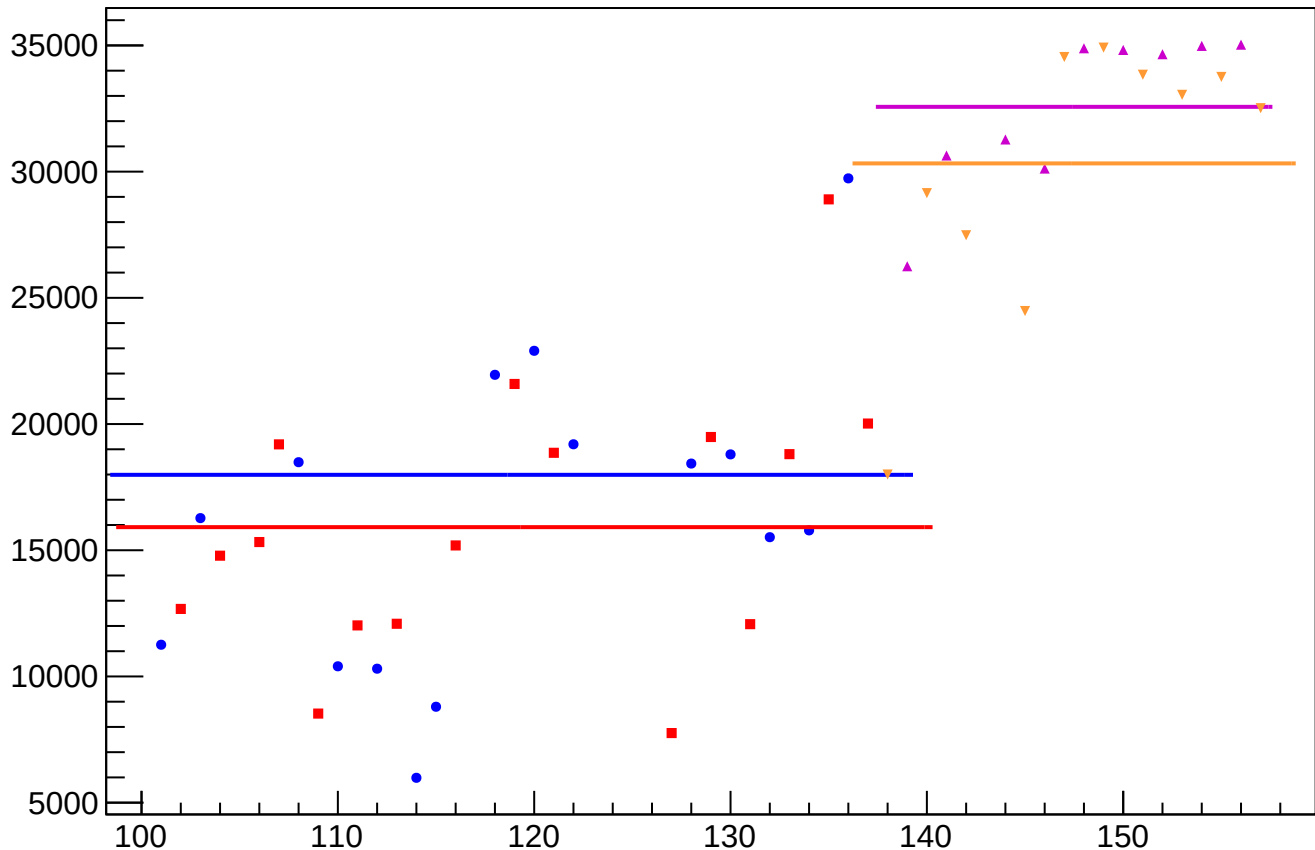
All: 1123.744+/-0.000 χ^2/NDF : 1516265995

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1135.827+/-0.000 χ^2/NDF : 92848928033849

Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

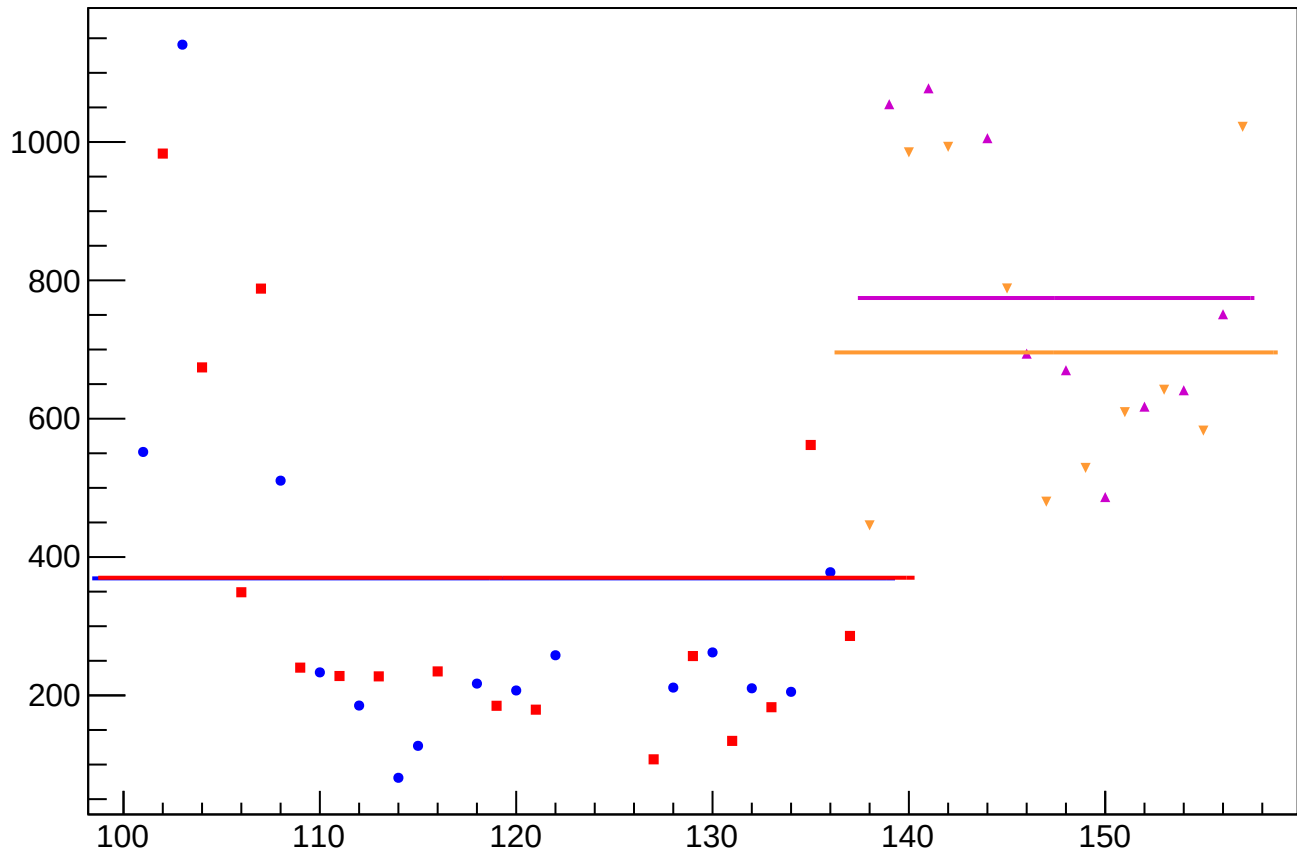
dit_usl_coil1_mean vs Slug



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: 32567.332+/-0.000	χ^2/NDF : 6489111122537927622414647545206551871488.0/8

+ sign 24683.087+/-0.000 χ^2/NDF : 9957801581891
 All: 24758.331+/-0.000 χ^2/NDF : 2250830794
 - sign 24832.685+/-0.000 χ^2/NDF : 1254890908234

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

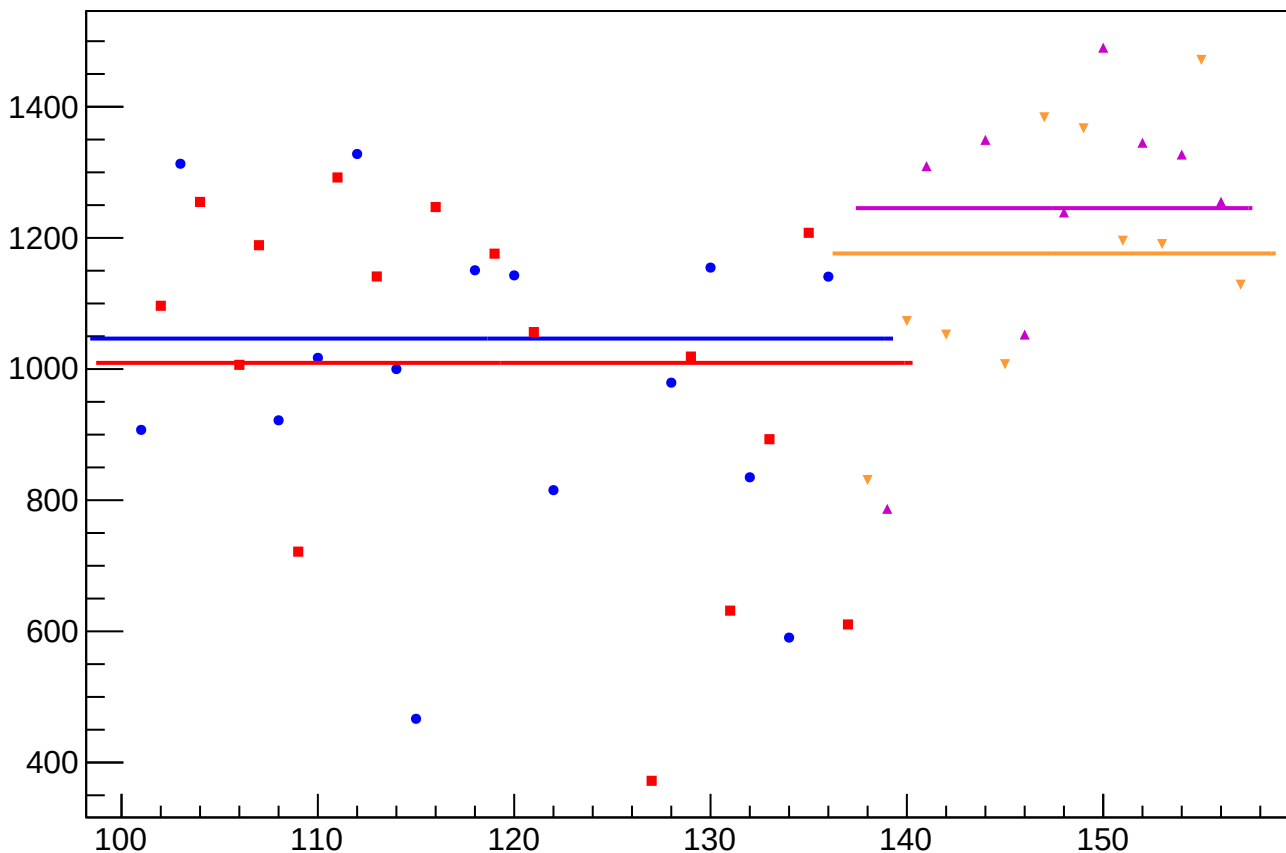
All: 566.653+/-0.000 χ^2/NDF : 257801835765

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 586.646+/-0.000 χ^2/NDF : 138306174081462

Left In: 774.476+/-0.000 χ^2/NDF : 31681574584693916092609781949033086976.0/8

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

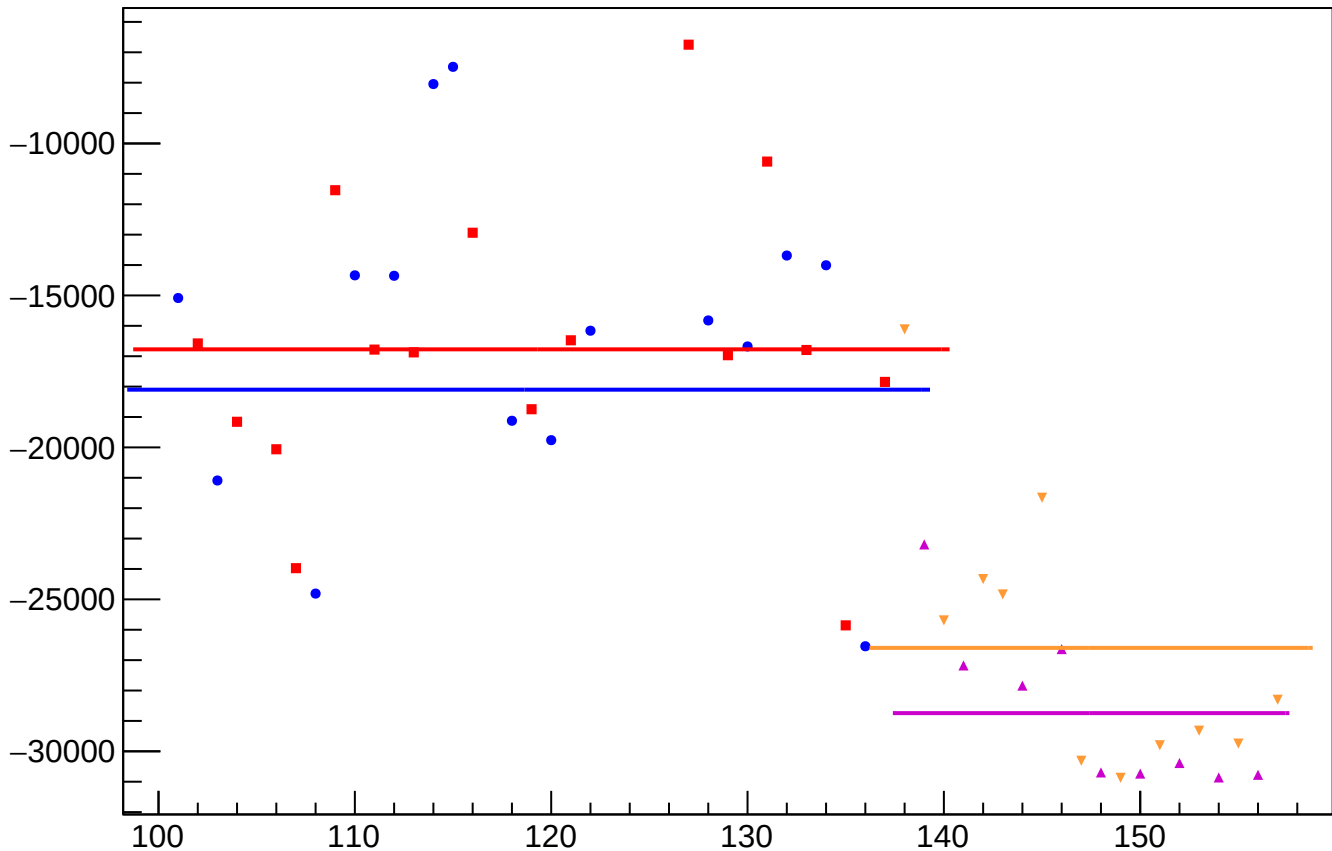
Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

+ sign 1116.937+/-0.000 χ^2/NDF : 57619463638022

All: 1126.438+/-0.000 χ^2/NDF : 15072305326

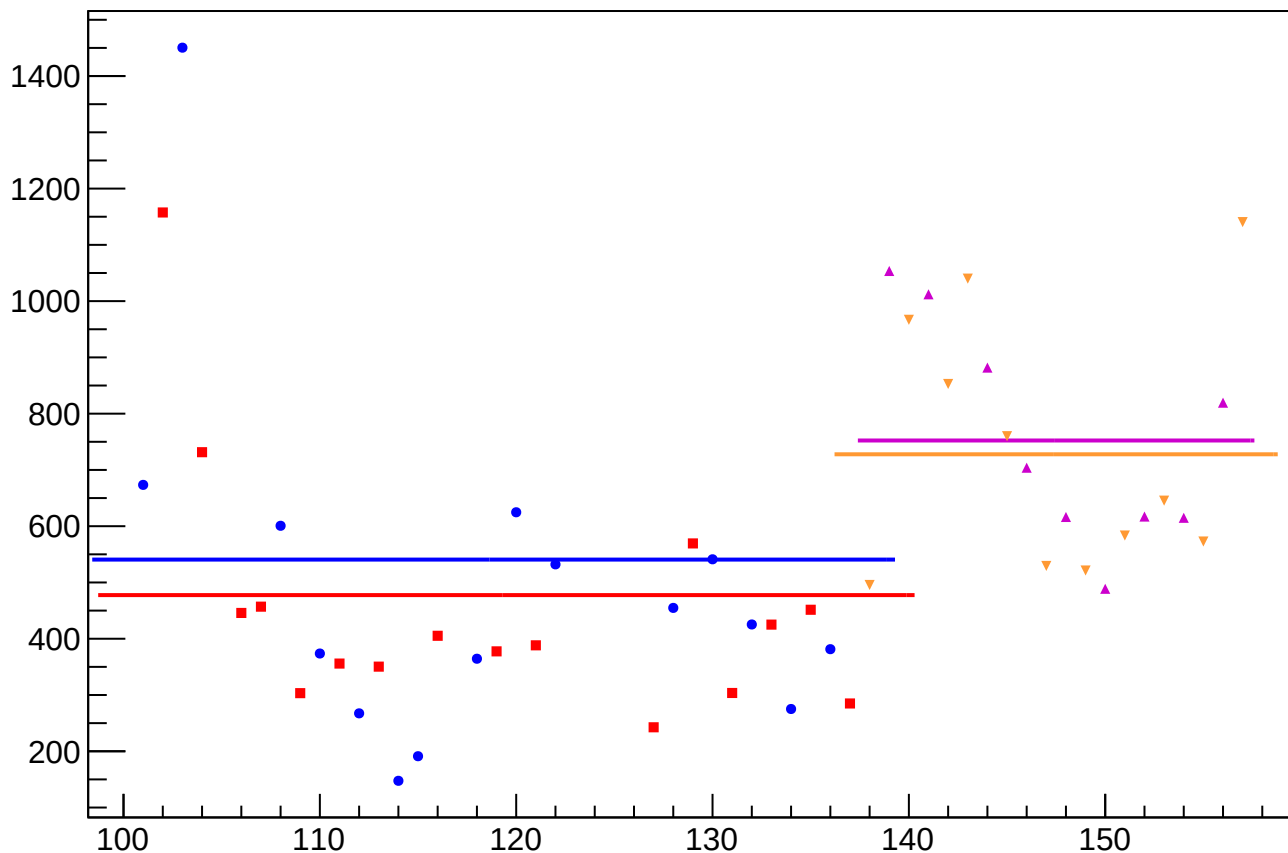
- sign 1135.827+/-0.000 χ^2/NDF : 92848928033849

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: -28743.315+/-0.000 χ^2/NDF : 4789009306526769534915022028176491544576.0/8
 All: -23032.286+/-0.000 χ^2/NDF : 127396726
 + sign -22886.095+/-0.000 χ^2/NDF : 571326935289
 - sign -23183.568+/-0.000 χ^2/NDF : 7019940949780

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

+ sign 646.070+/-0.000 χ^2/NDF : 117782368842735

Left Out: 727.801+/-0.000 χ^2/NDF : 40433519354152161826727060047082291200.0/10

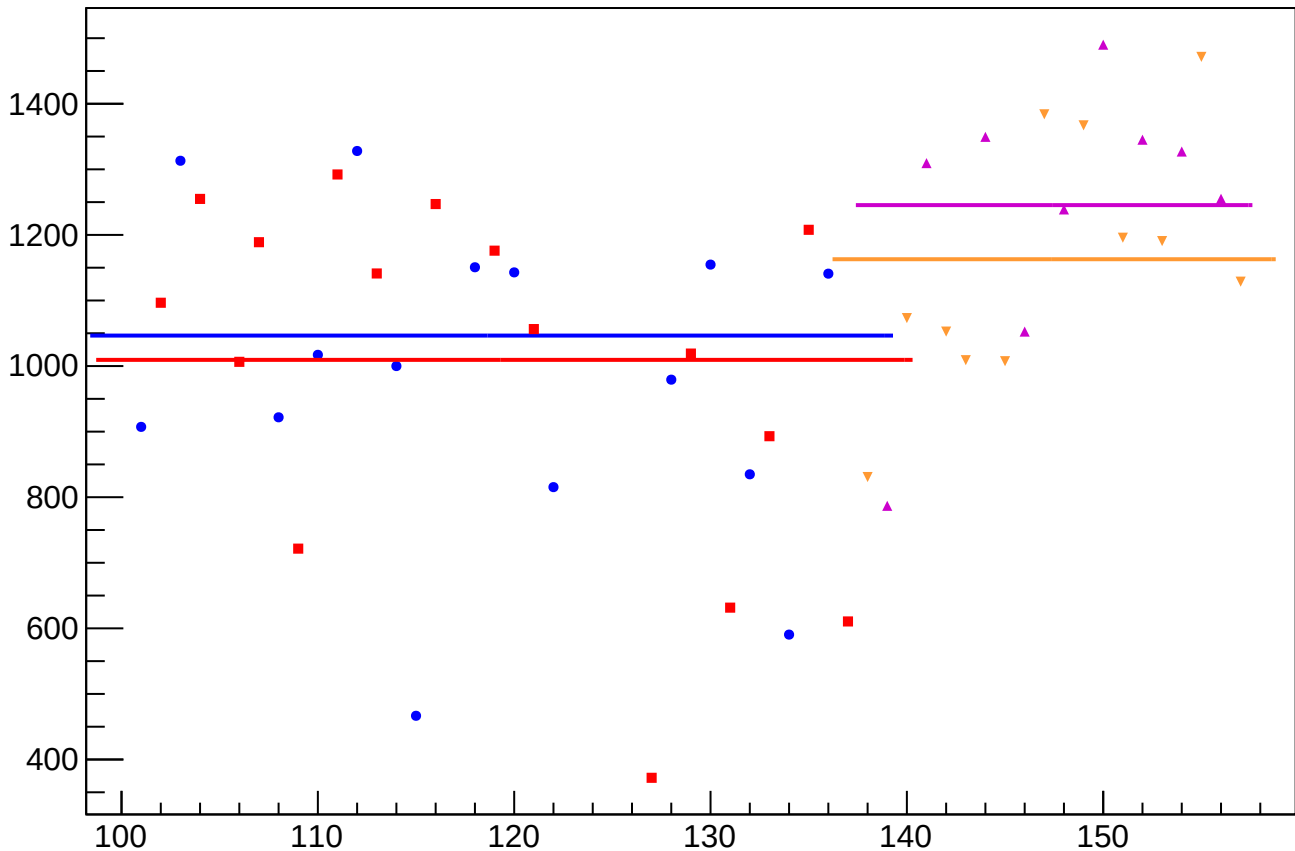
All: 635.563+/-0.000 χ^2/NDF : 210161037846

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

- sign 624.690+/-0.000 χ^2/NDF : 920448727241123

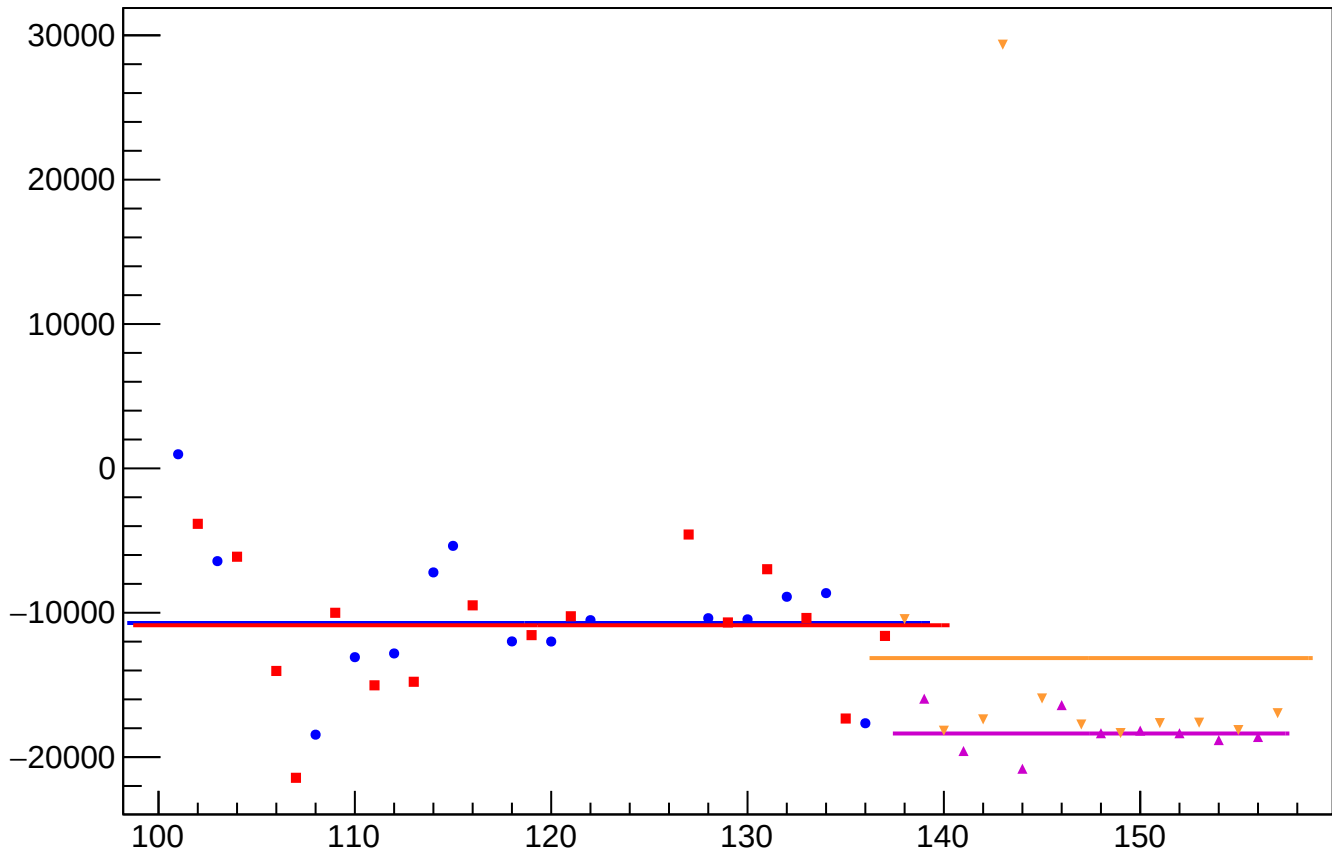
Left In: 752.318+/-0.000 χ^2/NDF : 26279049821468175688338724143461564416.0/8

dit_usr_coil1_Ndata_mean vs Slug



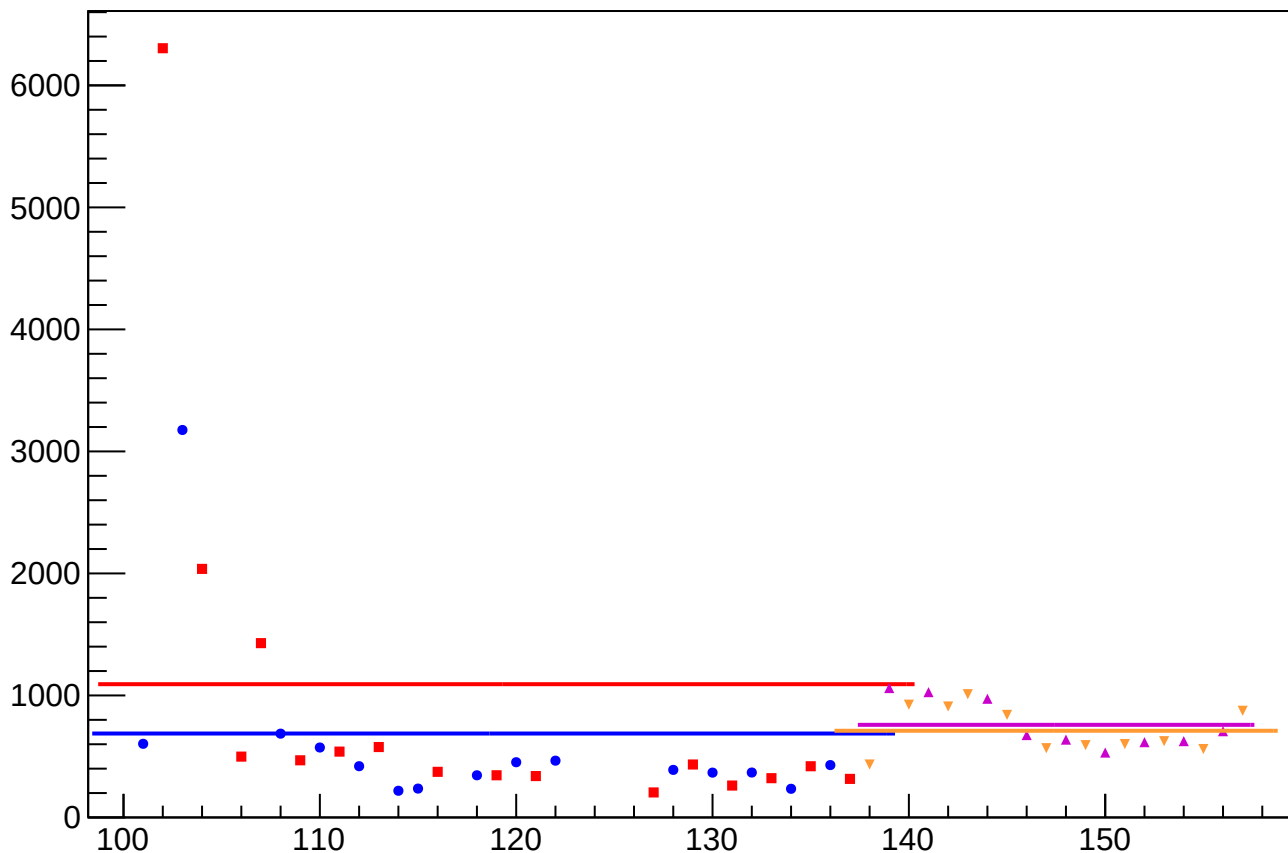
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

dit_atl1_coil1_mean vs Slug



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -13140.546 ± 0.000 $\chi^2/\text{NDF}: 135401621172214094724588559571574488825856.0/10$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18364.067 ± 0.000 $\chi^2/\text{NDF}: 1473998631394811045348931670106049609728.0/8$

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

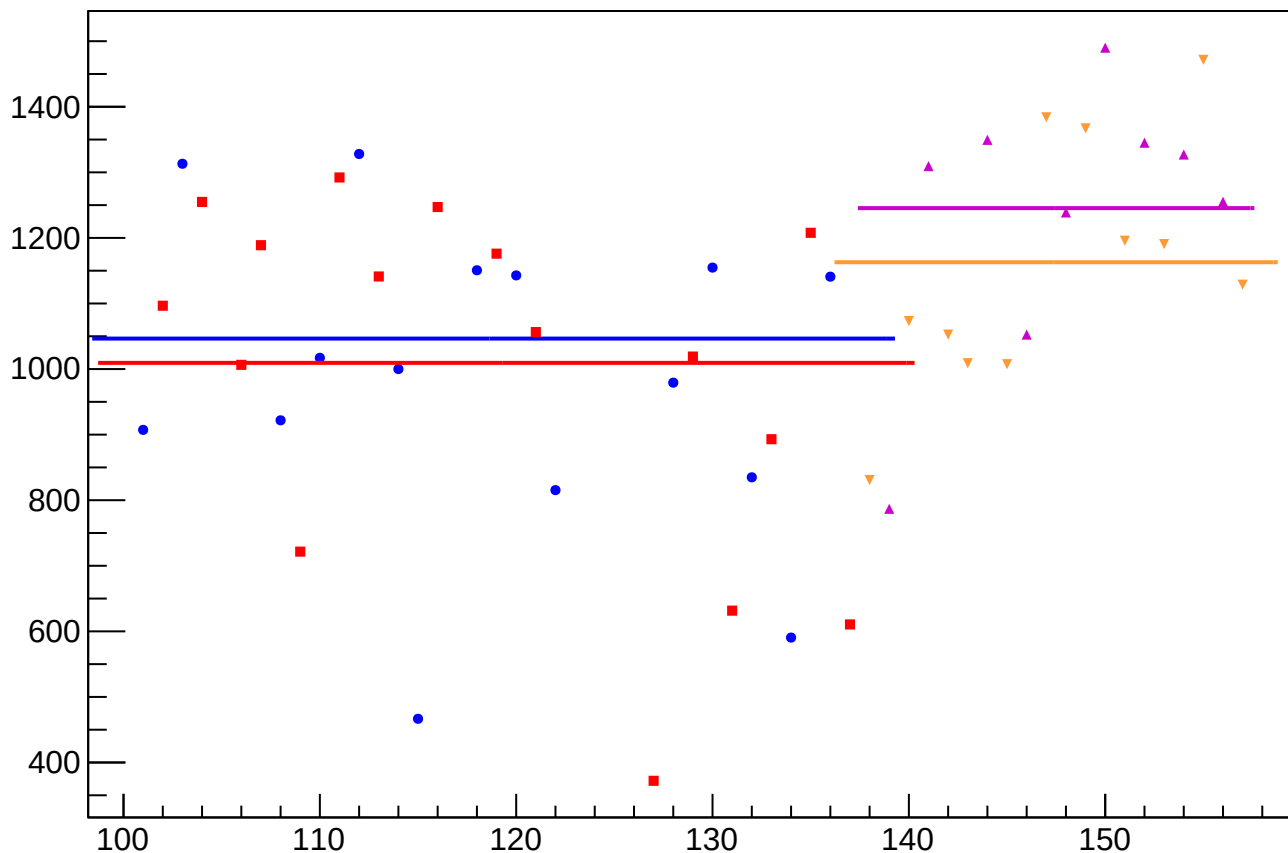
All: 805.413+/-0.000 χ^2/NDF : 24202670545

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

- sign 913.824+/-0.000 χ^2/NDF : 195047070640050

Left In: 759.051+/-0.000 χ^2/NDF : 27613472082437998349292497601246003200.0/8

dit_atl1_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

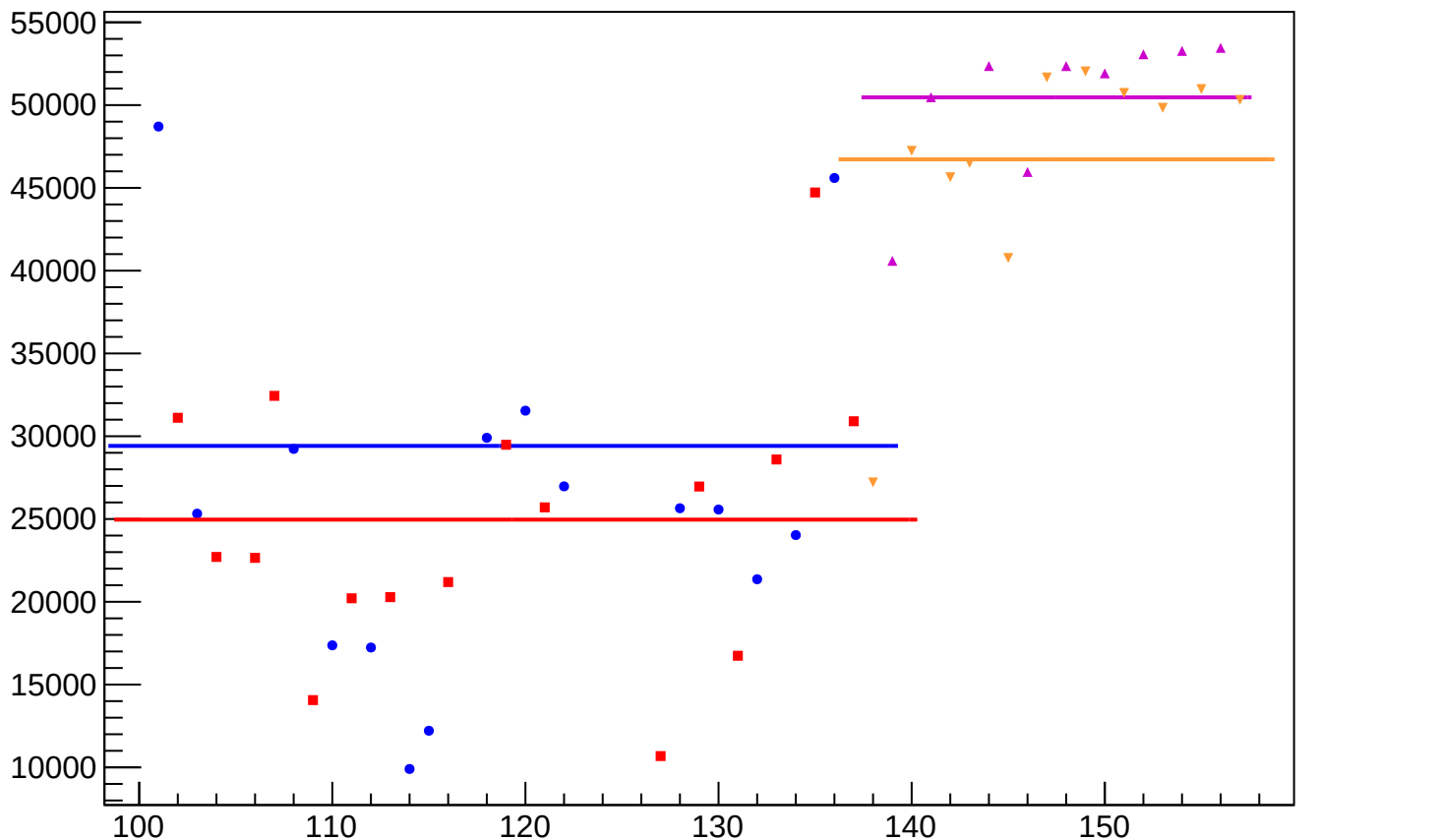
Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

+ sign 1112.069+/-0.000 χ^2/NDF : 58365468353104

All: 1123.744+/-0.000 χ^2/NDF : 1516265995

- sign 1135.827+/-0.000 χ^2/NDF : 92848928033849

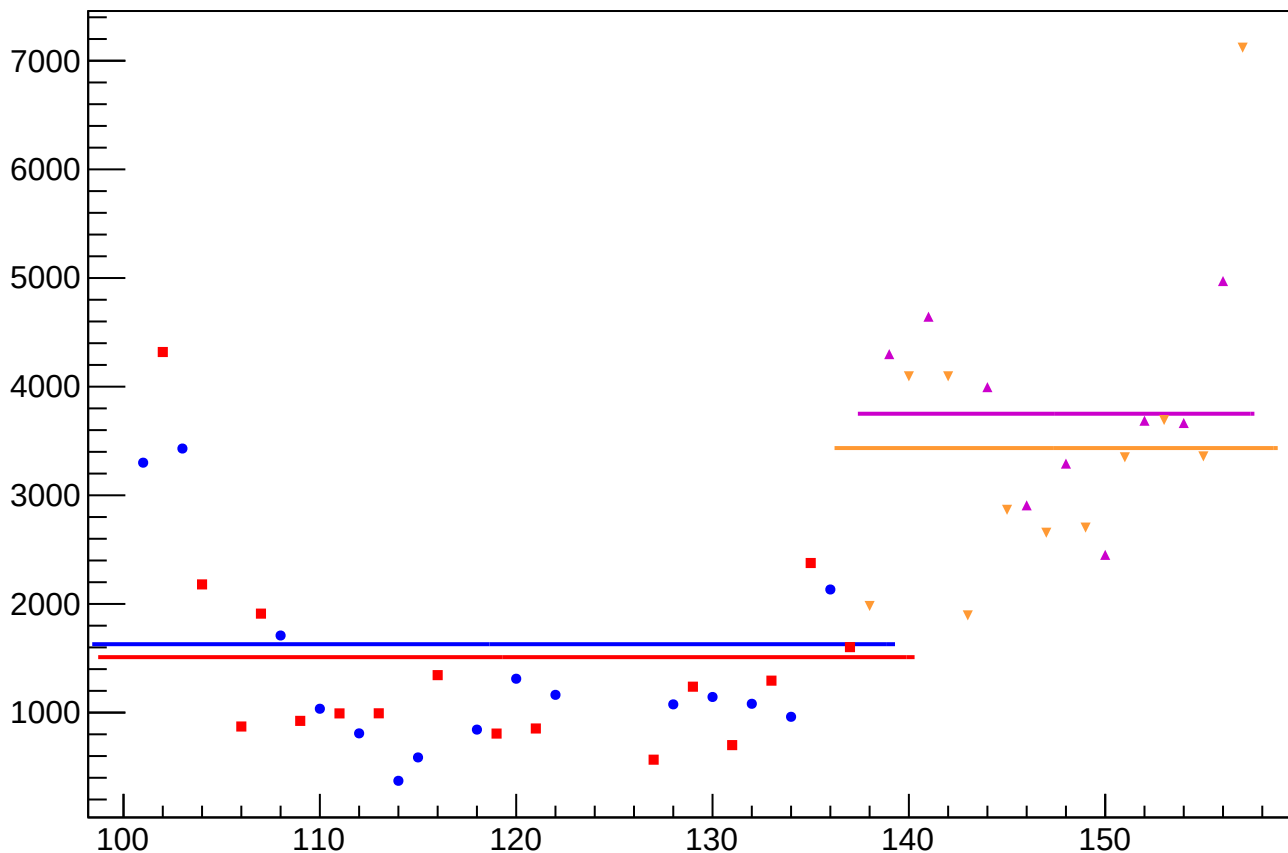
dit_atl2_coil1_mean vs Slug



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: 50469.738+/-0.000	χ^2/NDF : 12397440630276208932568666964645346541568.0/8

+ sign 39165.206+/-0.000 χ^2/NDF : 2227375479003
 All: 38898.375+/-0.000 χ^2/NDF : 5133663886
 - sign 38622.254+/-0.000 χ^2/NDF : 2904135547497

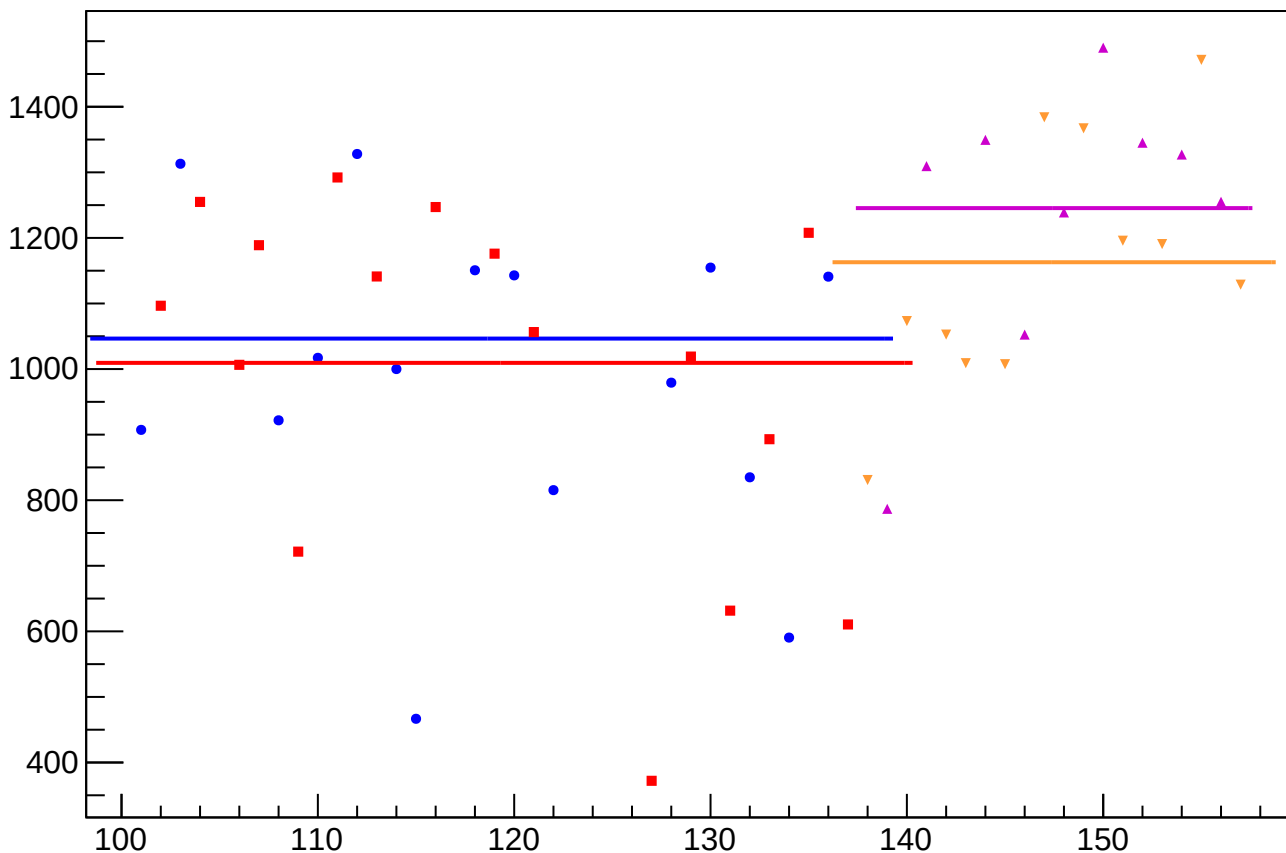
dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14
Left Out: 3434.859+/-0.000	χ^2/NDF : 1577814860295818885117978014575371485184.0/10
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15
Left In: 3750.816+/-0.000	χ^2/NDF : 448112244401754700939592587339490131968.0/8

+ sign 2646.400+/-0.000 χ^2/NDF : 33209555079384
 All: 2677.718+/-0.000 χ^2/NDF : 6253333230
 - sign 2710.128+/-0.000 χ^2/NDF : 29294118376766

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

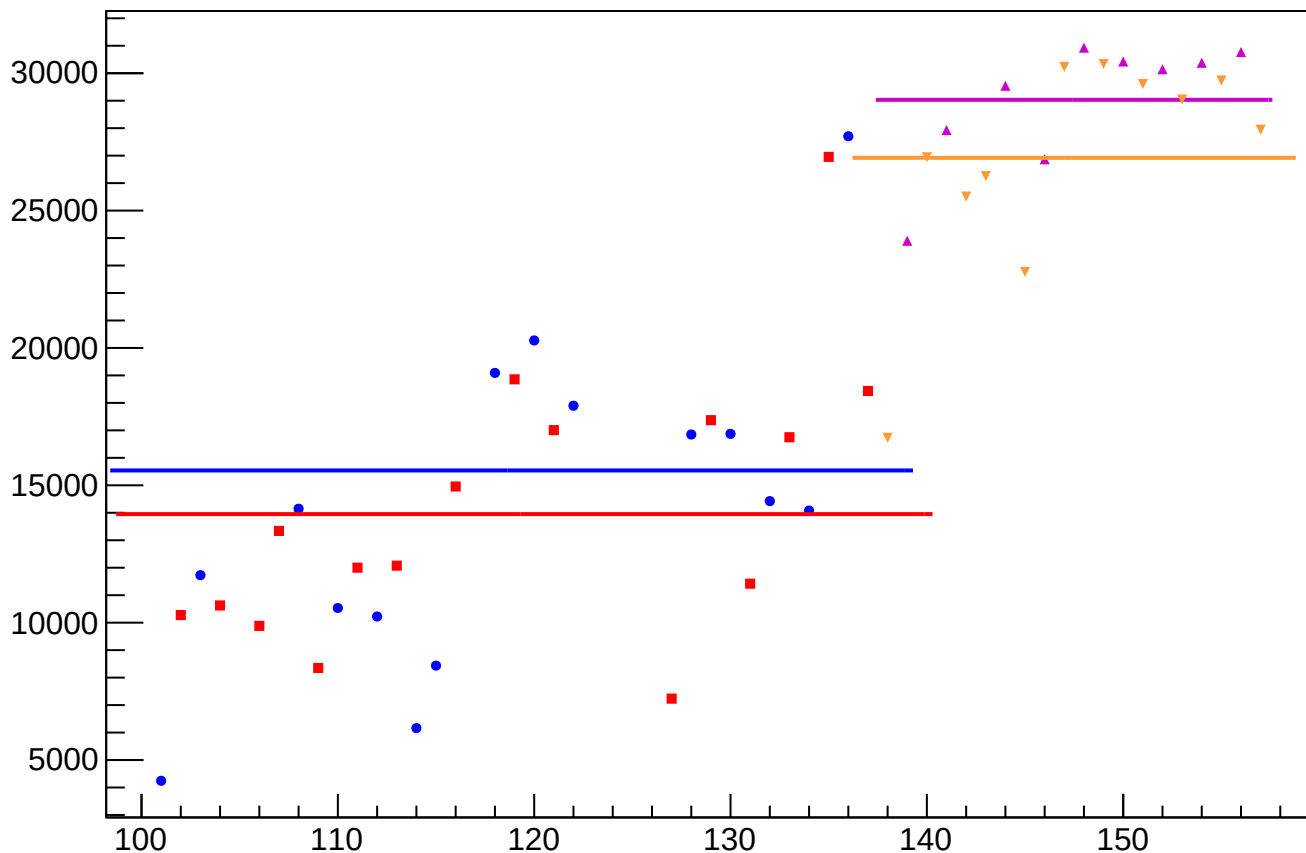
All: 1123.744+/-0.000 χ^2/NDF : 1516265995

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1135.827+/-0.000 χ^2/NDF : 92848928033849

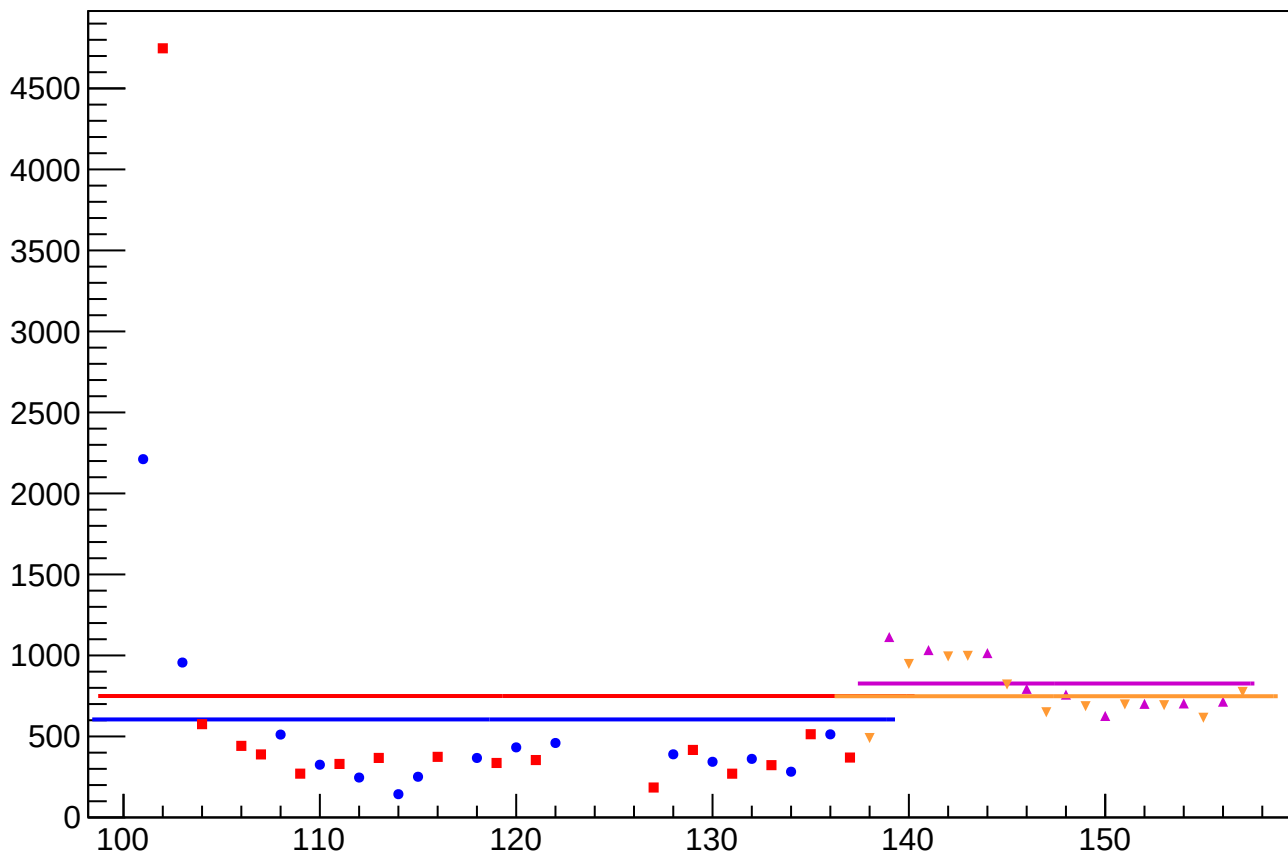
Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

dit_atr1_coil1_mean vs Slug



Right In: 15540.787 $\pm$ 0.000 χ^2 /NDF: 27383635886523601832377795383509714468864.0/14
 Left In: 29031.786 $\pm$ 0.000 χ^2 /NDF: 3639127592658897122302793084871035060224.0/8
 Right Out: 13951.799 $\pm$ 0.000 χ^2 /NDF: 16954071035739584664612813430748100952064.0/15
 Left Out: 26920.055 $\pm$ 0.000 χ^2 /NDF: 13111222910046110799483359390360594808832.0/10
 All: 21988.142 $\pm$ 0.000 χ^2 /NDF: 1896540087.0/10
 - sign: 22027.363 $\pm$ 0.000 χ^2 /NDF: 1018200642497.0/10

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

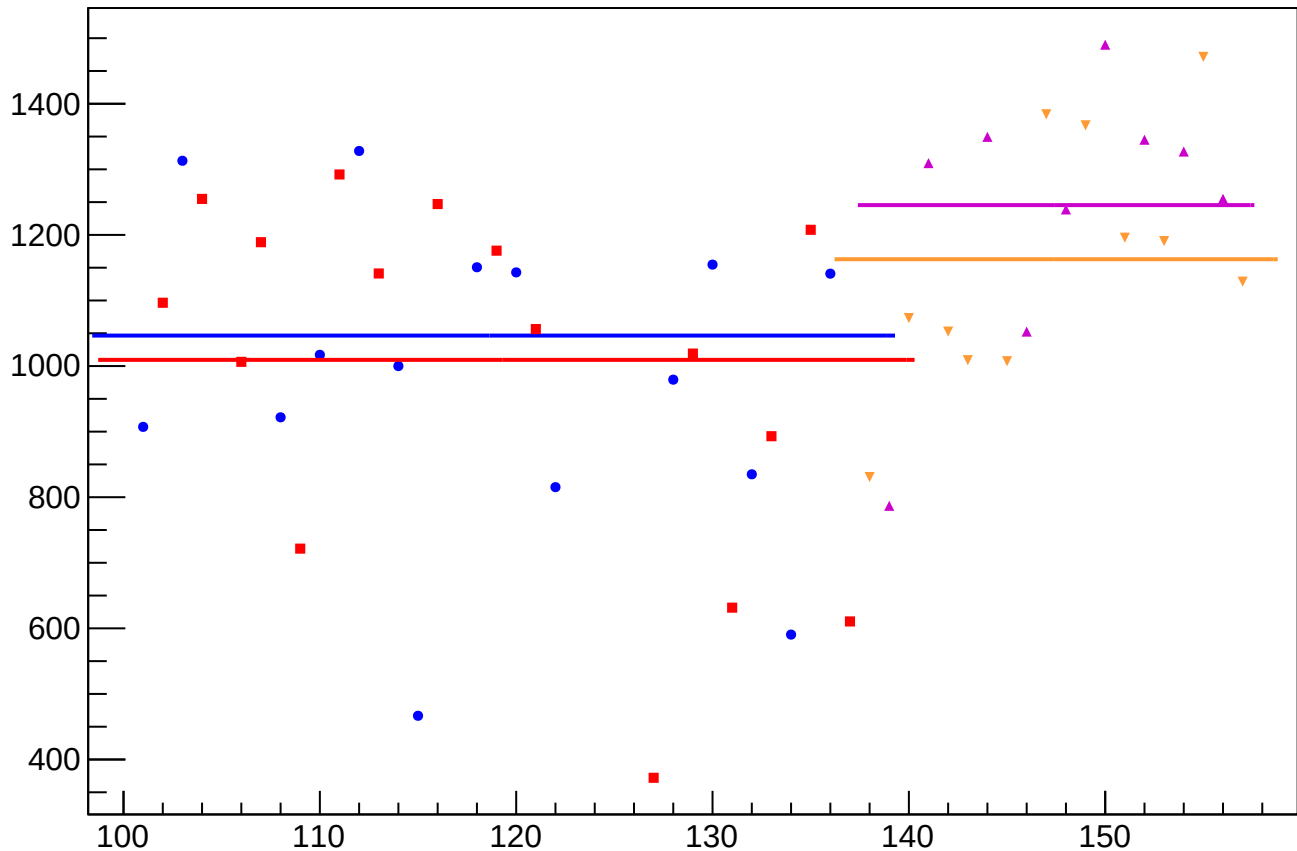
Left In: 826.752+/-0.000 χ^2/NDF : 21279021299478497934390929311605456896.0/8

+ sign 685.727+/-0.000 χ^2/NDF : 215720175678525

All: 737.417+/-0.000 χ^2/NDF : 126856435465

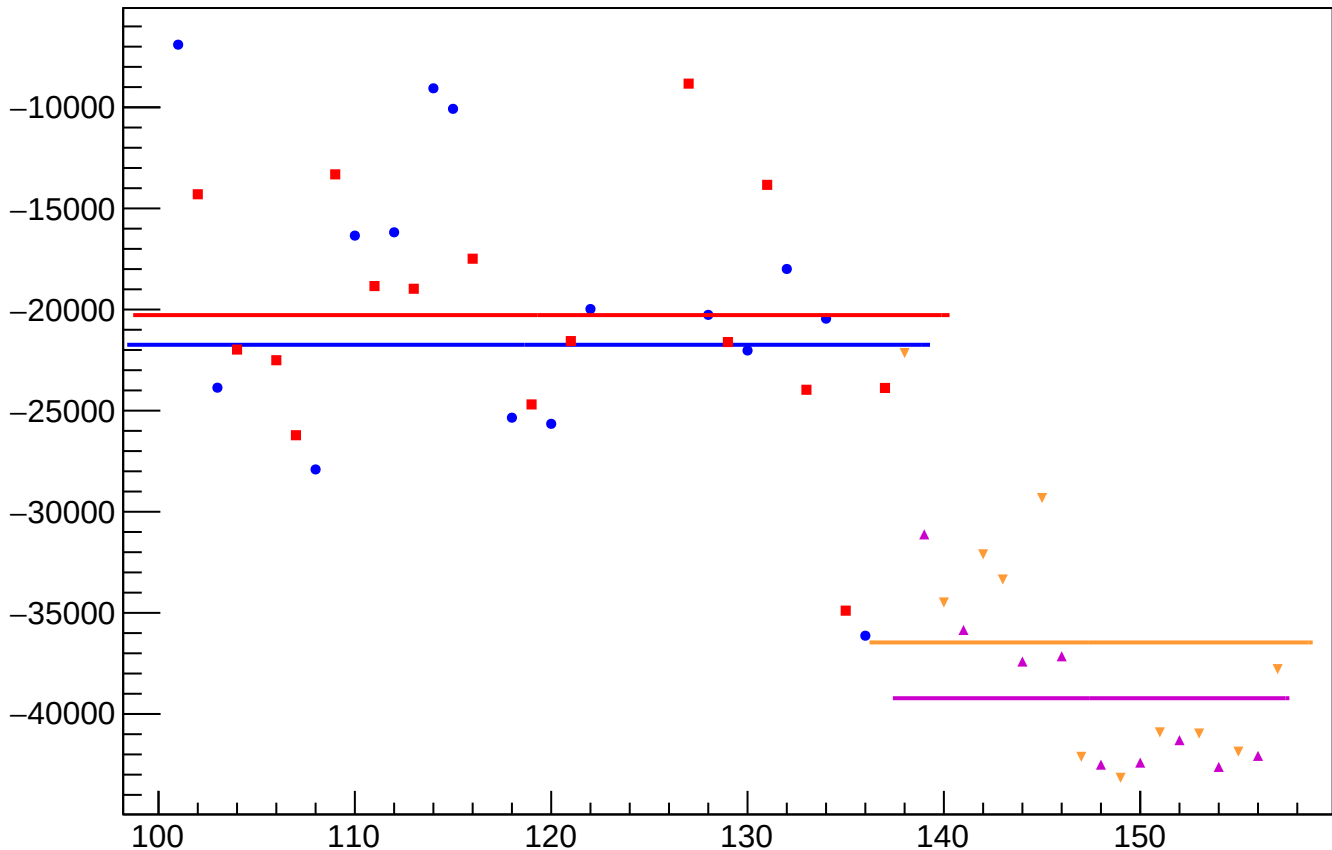
- sign 790.908+/-0.000 χ^2/NDF : 104476493094993

dit_atr1_coil1_Ndata_mean vs Slug



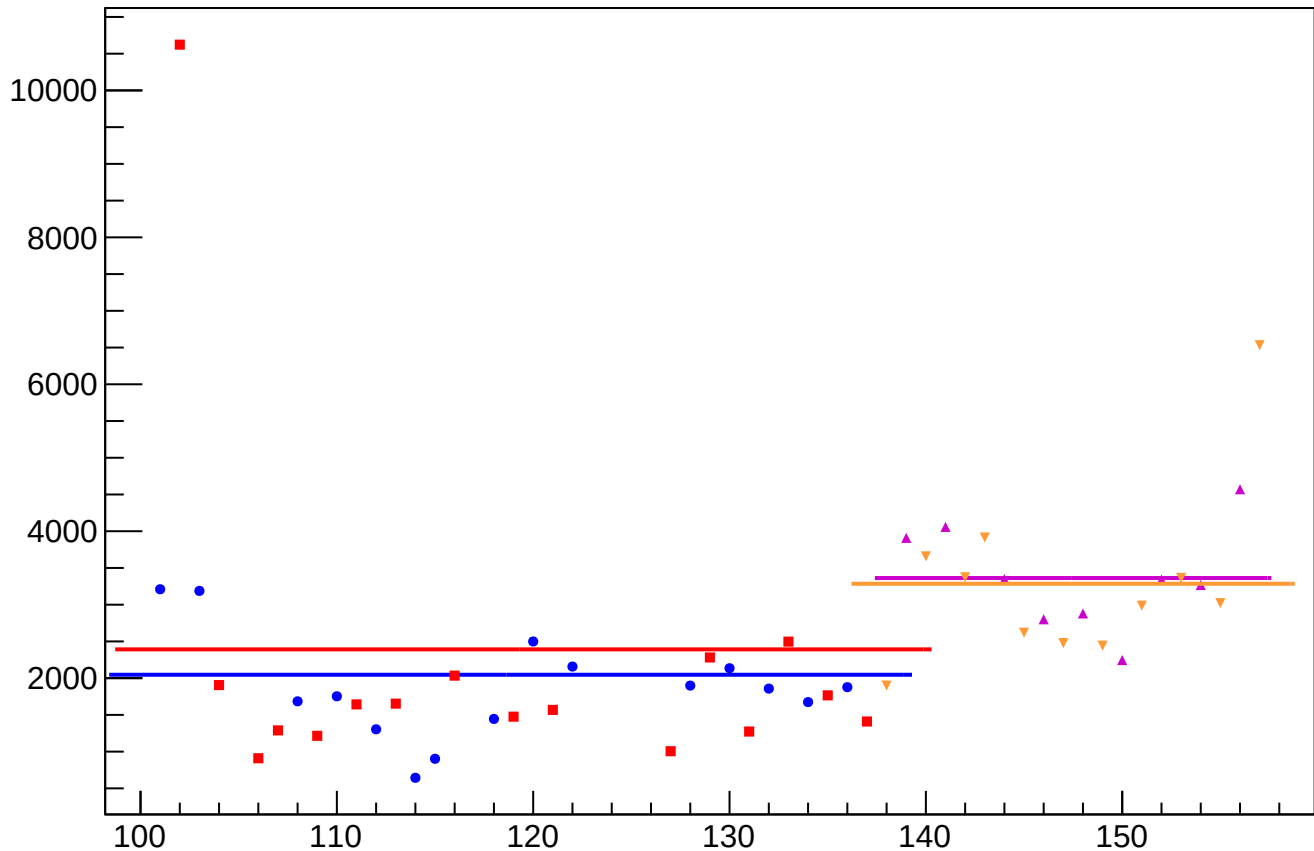
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000	χ^2/NDF : 41106858823579527325198675675398793068544.0/14	+ sign -30033.730+/-0.000	χ^2/NDF : 154224125018
Left Out: -36461.986+/-0.000	χ^2/NDF : 33924429564953526251597972248611048652800.0/10	All: -30223.902+/-0.000	χ^2/NDF : 319283220
Right Out: -20275.415+/-0.000	χ^2/NDF : 25935869132092920231681532417627320745984.0/15	- sign -30420.696+/-0.000	χ^2/NDF : 1649497407384
Left In: -39220.309+/-0.000	χ^2/NDF : 10815626919644441560427214496710136954880.0/8		

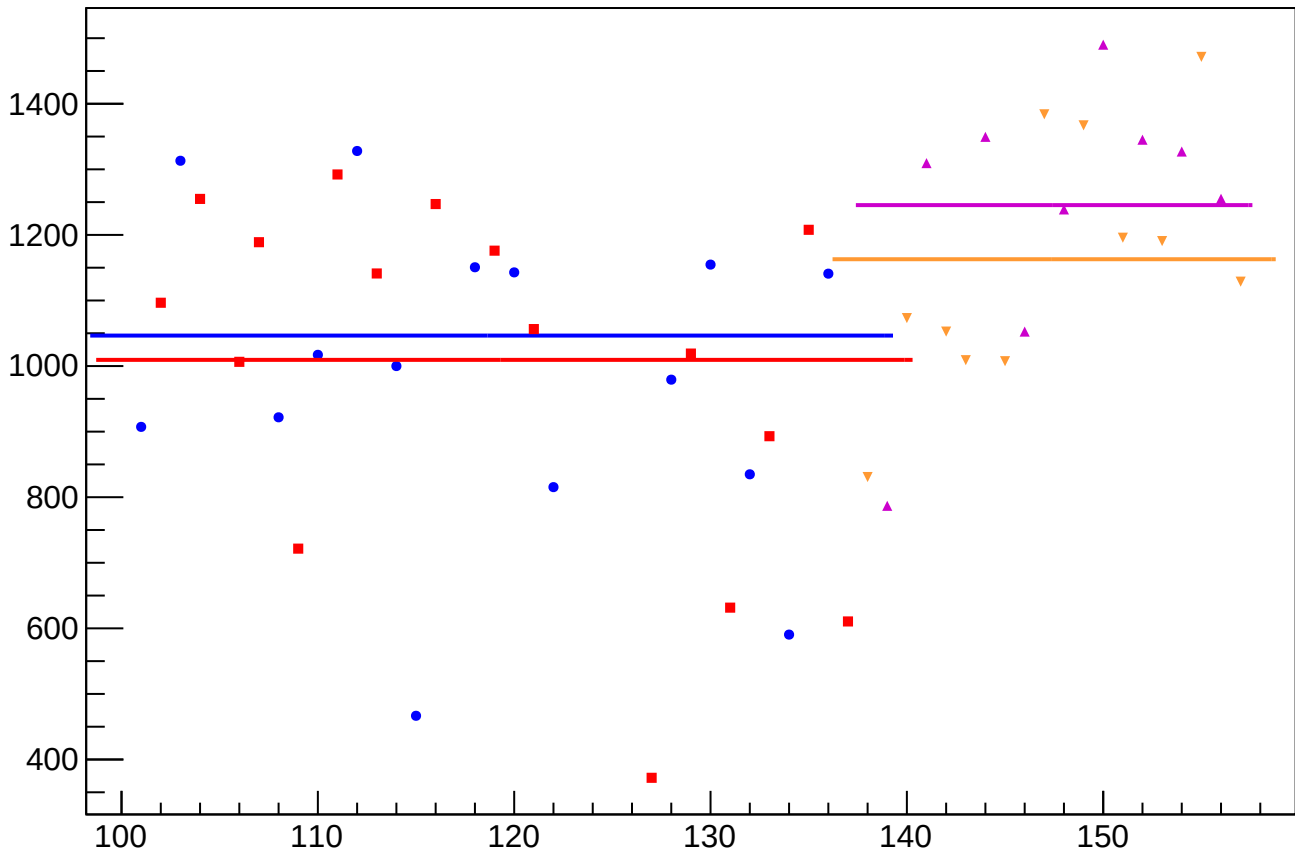
dit_atr2_coil1_err_mean vs Slug



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: 3362.904+/-0.000	χ^2/NDF : 342141755660727699563787802318596997120.0/8

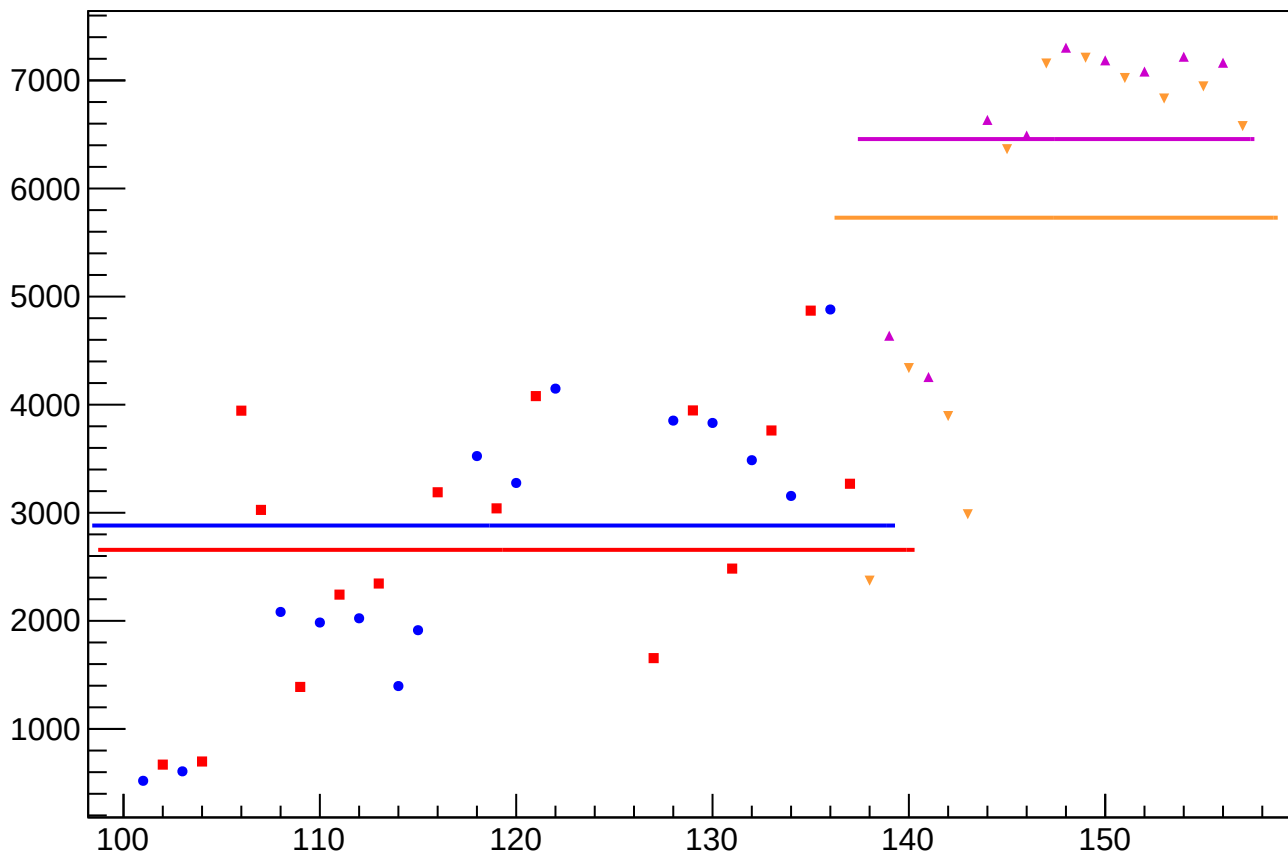
+ sign 2743.991+/-0.000 χ^2/NDF : 20077571467930
 All: 2826.512+/-0.000 χ^2/NDF : 71225326275
 - sign 2911.906+/-0.000 χ^2/NDF : 50941848158511

dit_atr2_coil1_Ndata_mean vs Slug



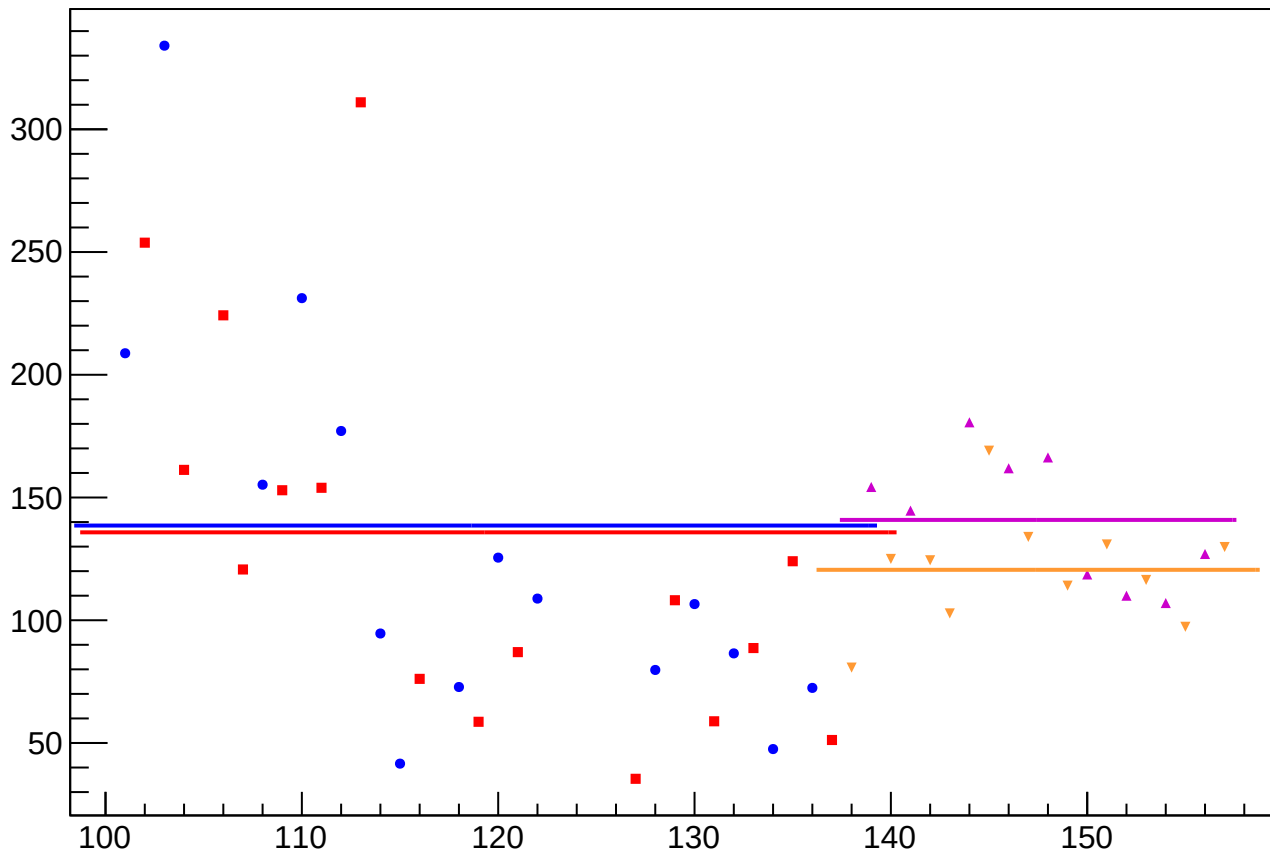
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

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: 6457.370+/-0.000 χ^2/NDF : 916805134606525646056104919332594647040.0/8

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14

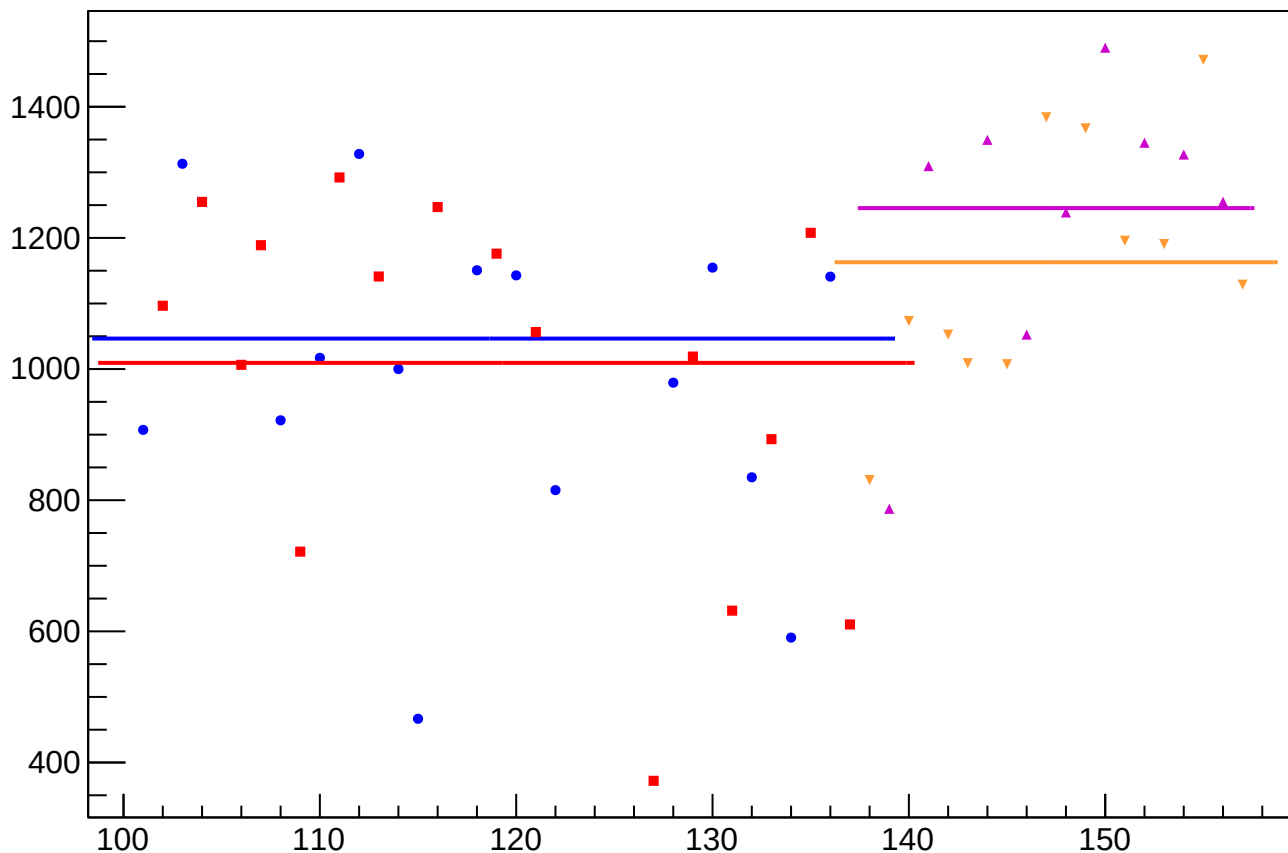
Left Out: 120.546+/-0.000 χ^2/NDF : 415065178235742194735663625892003840.0/10

Right Out: 135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15

Left In: 140.874+/-0.000 χ^2/NDF : 492941398728990154809650687005163520.0/8

All: 133.385+/-0.000 χ^2/NDF : 930928726424

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

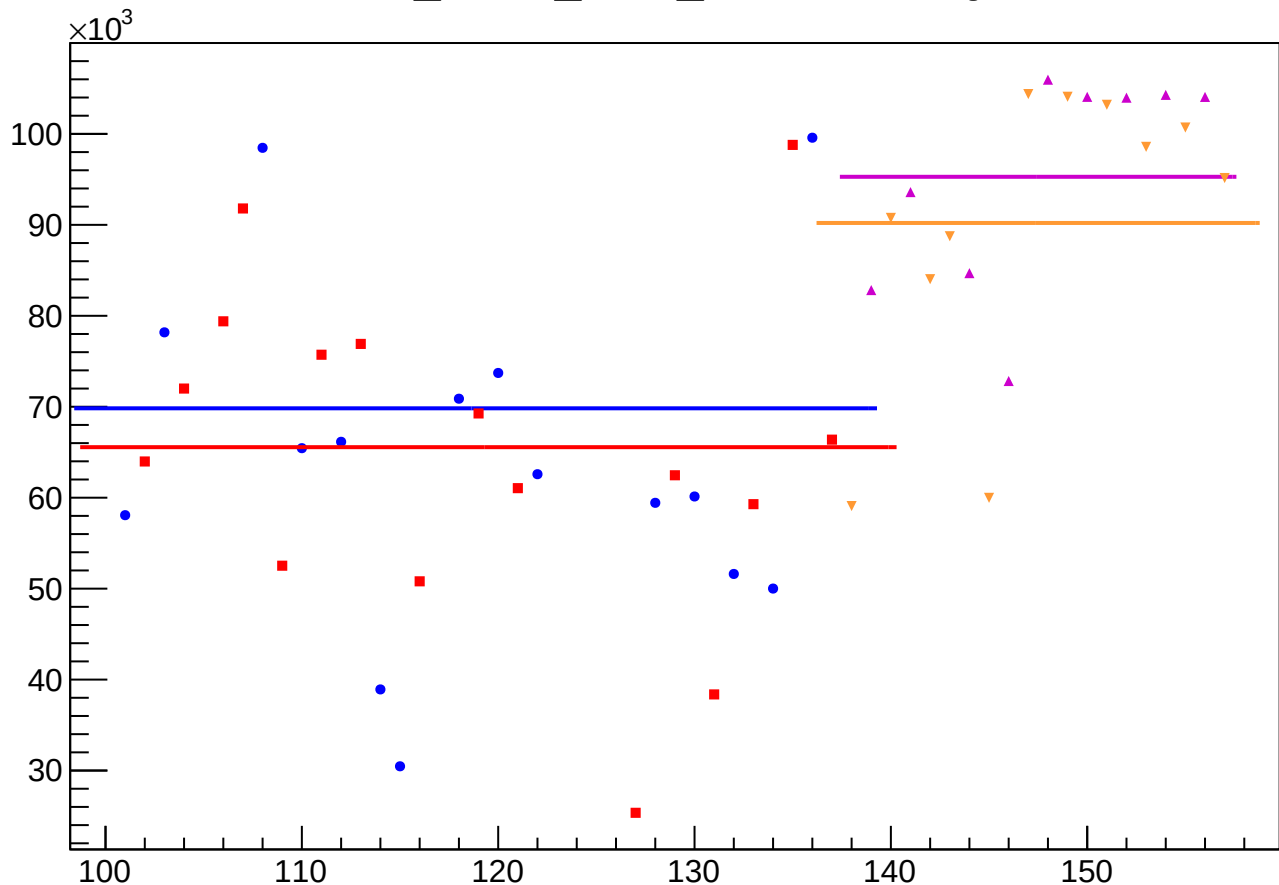
Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

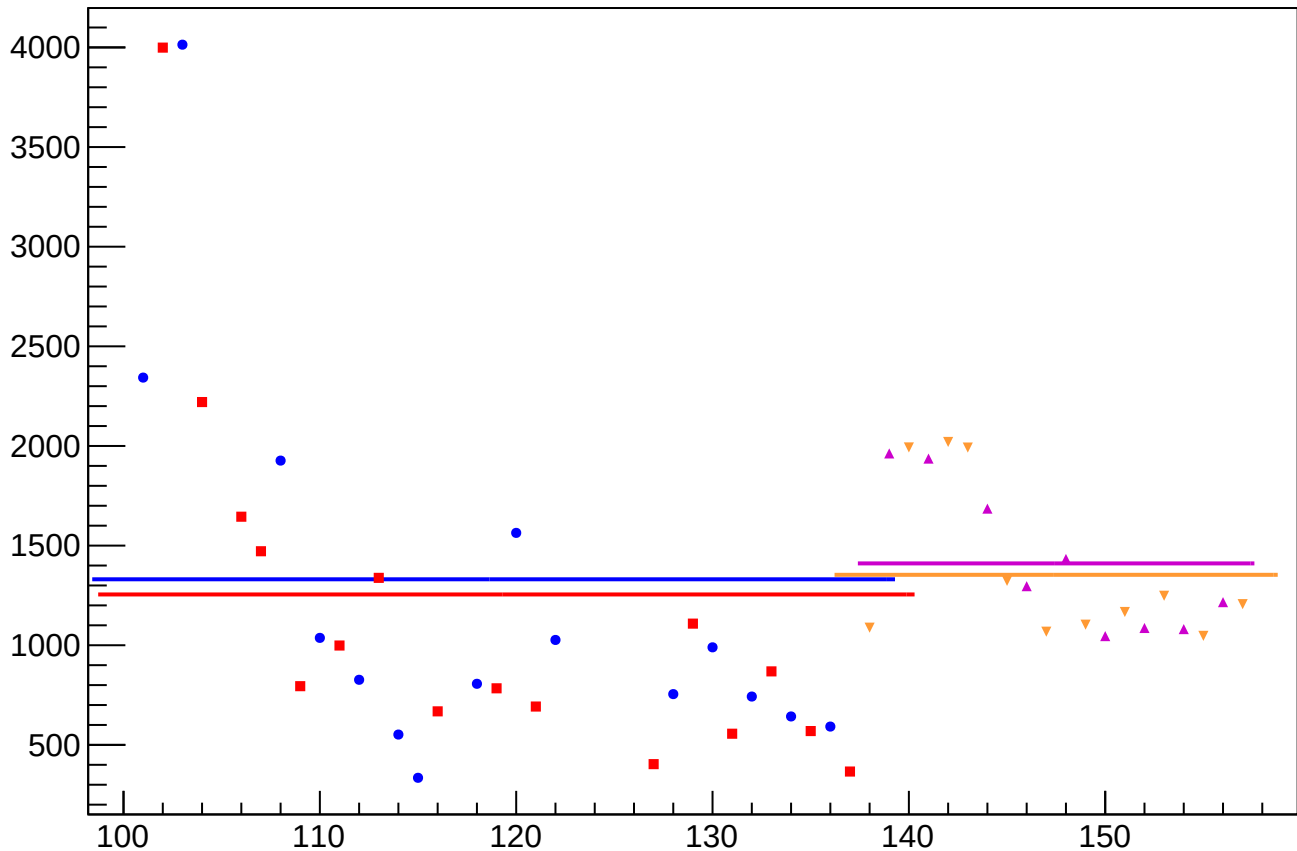
All: 1123.744+/-0.000 χ^2/NDF : 15162659959

dit_sam2_coil1_mean vs Slug



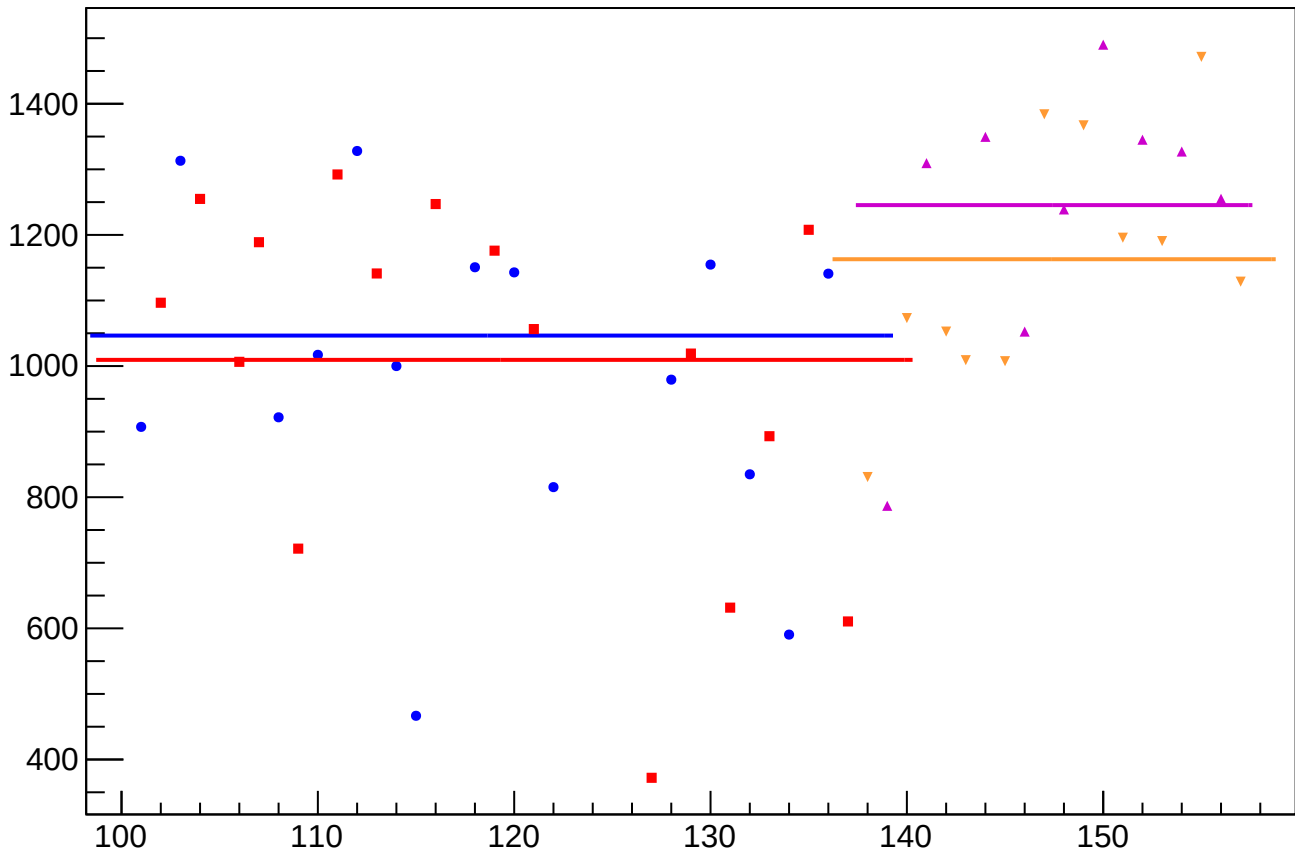
Right In: 69827.797 $\pm$ 0.000 χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
 Left Out: 90207.882 $\pm$ 0.000 χ^2 /NDF: 213028502840276878241078014382531699277824.0/10
 Right Out: 65555.147 $\pm$ 0.000 χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
 Left In: 95283.961 $\pm$ 0.000 χ^2 /NDF: 101231123848107681413670994524001921925120.0/8

dit_sam2_coil1_err_mean vs Slug



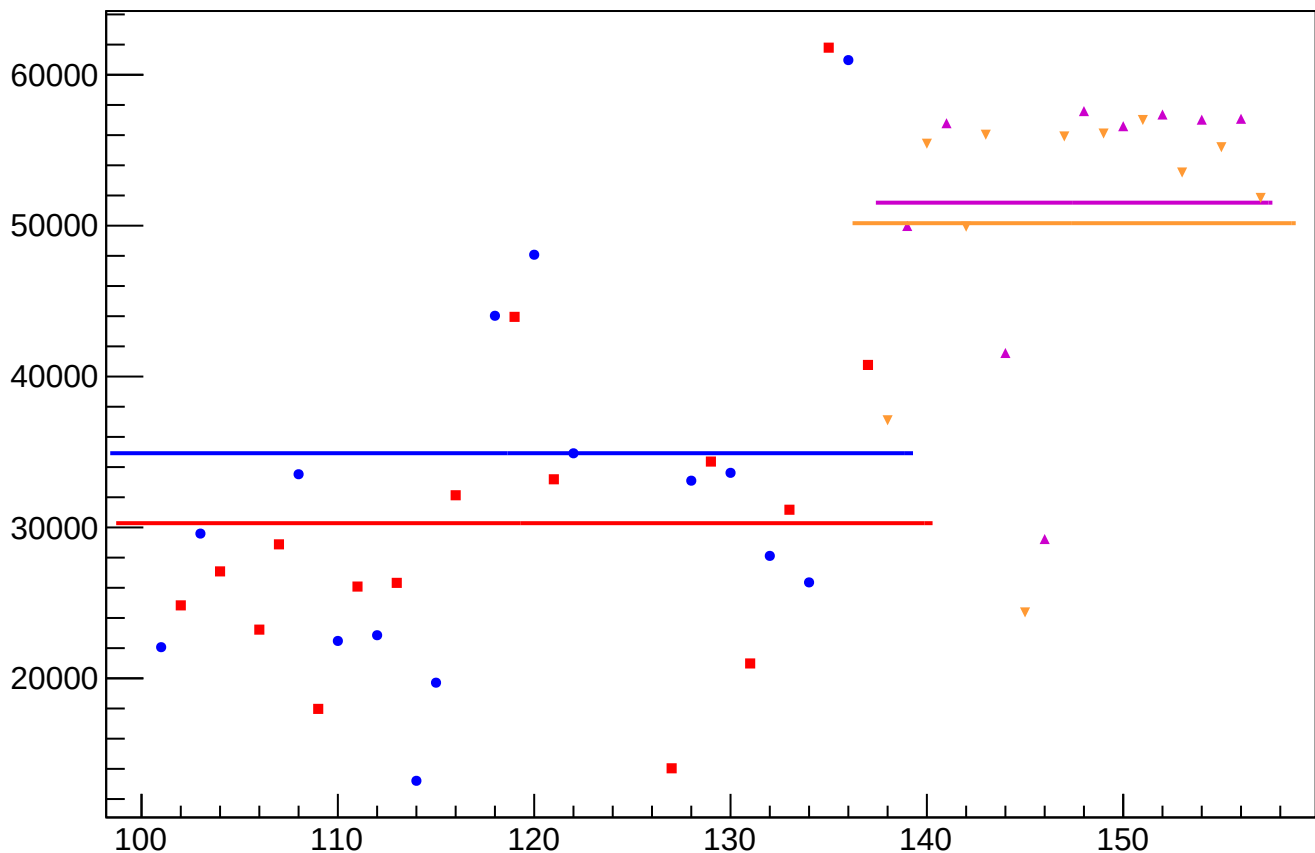
Right In: 1330.956 $\pm$ 0.000 χ^2 /NDF: 649481263842681659449409147059572834304.0/14
 Left Out: 1353.448 $\pm$ 0.000 χ^2 /NDF: 111283236771663904540357217605797281792.0/10
 Right Out: 1254.871 $\pm$ 0.000 χ^2 /NDF: 632140068983304062809817716800861765632.0/15
 Left In: 1410.682 $\pm$ 0.000 χ^2 /NDF: 89990301375151882784363932899747037184.0/8

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: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

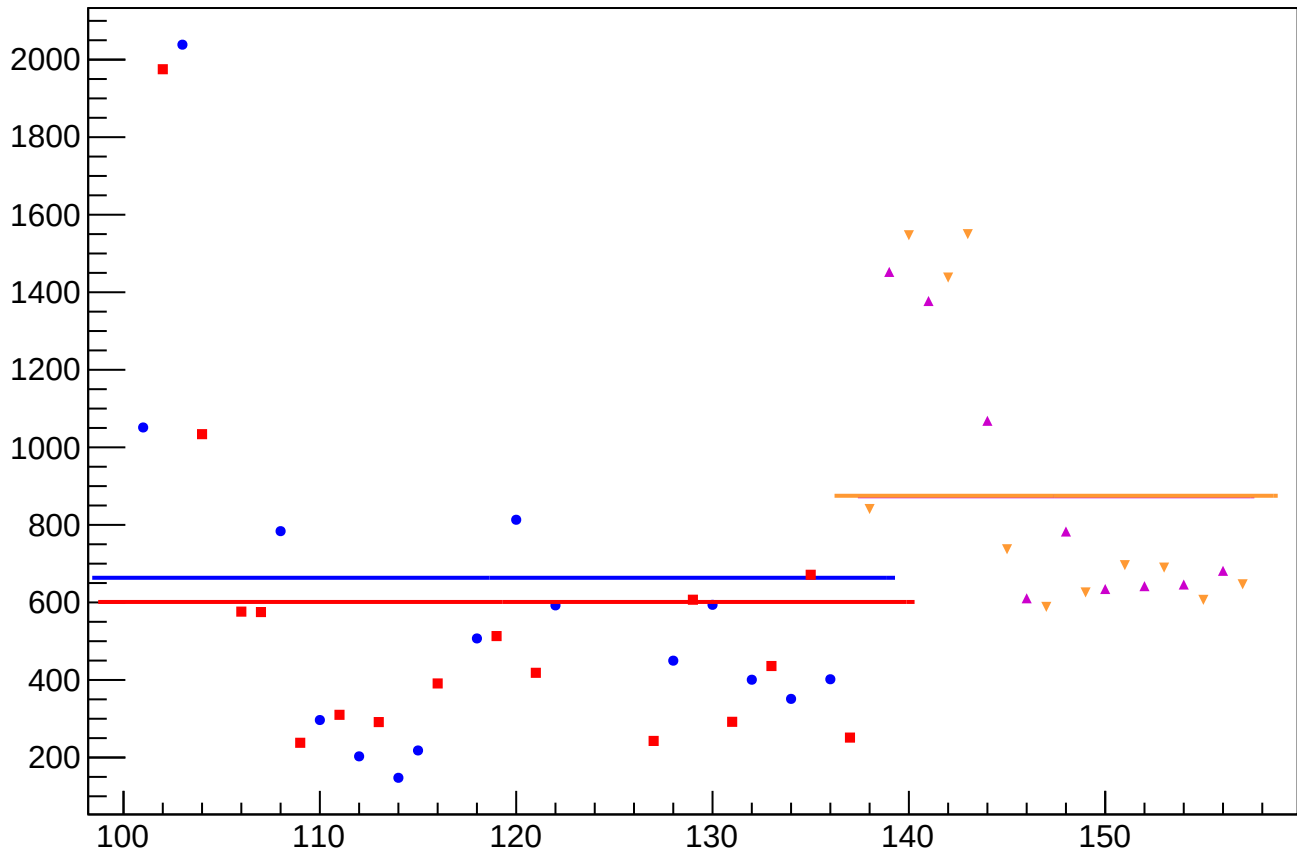
dit_sam3_coil1_mean vs Slug



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: 51524.034+/-0.000	χ^2/NDF : 66196581009770788389476437035487403704320.0/8

+ sign 43506.259+/-0.000 χ^2/NDF : 2754831436754
 All: 42597.750+/-0.000 χ^2/NDF : 5936881063
 - sign 41657.608+/-0.000 χ^2/NDF : 3157092026199

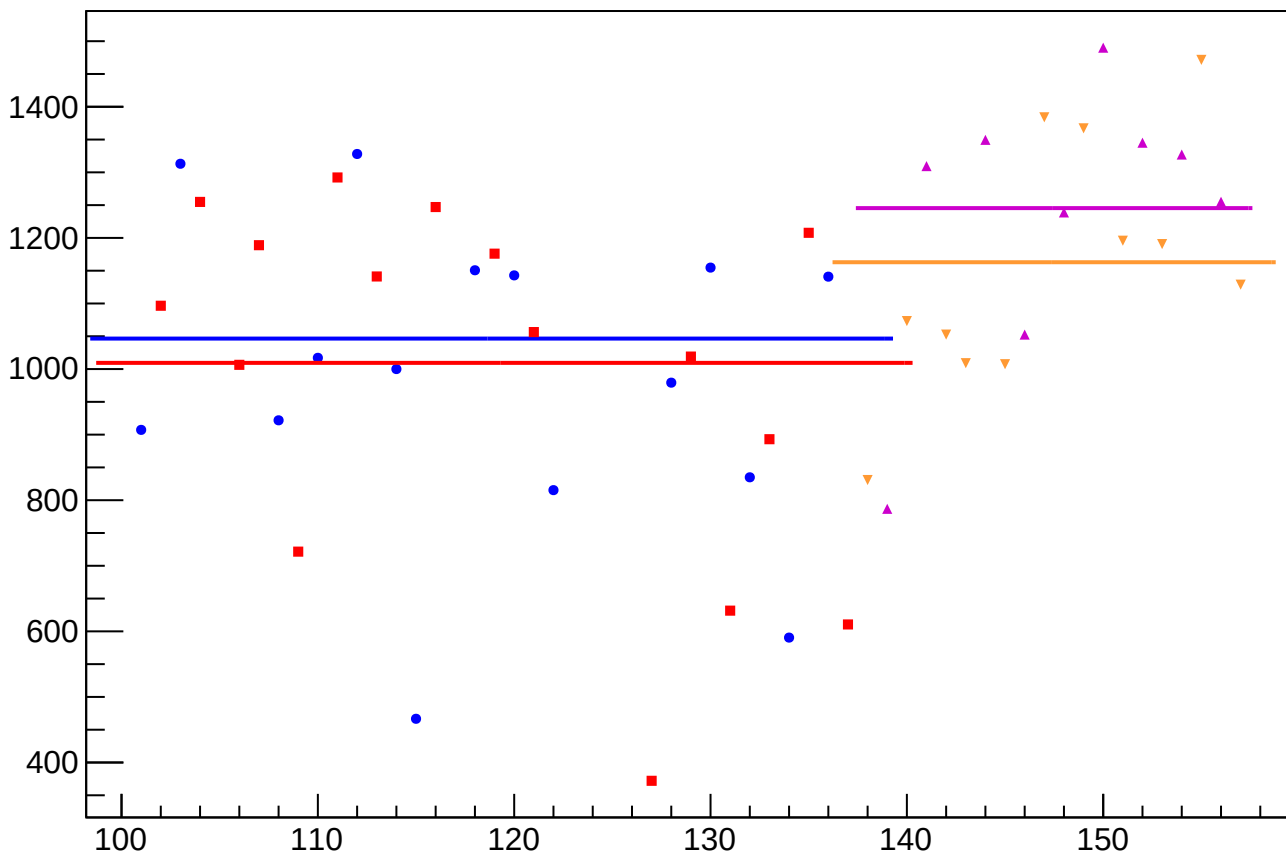
dit_sam3_coil1_err_mean vs Slug



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: 873.770+/-0.000	χ^2/NDF : 75947904209607485560969966175270207488.0/8

+ sign 782.725+/-0.000 χ^2/NDF : 284676745164476
 All: 765.253+/-0.000 χ^2/NDF : 537799504823
 - sign 747.173+/-0.000 χ^2/NDF : 252199724895432

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490 $\pm$ 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1162.918 $\pm$ 0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10

Right Out: 1009.445 $\pm$ 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

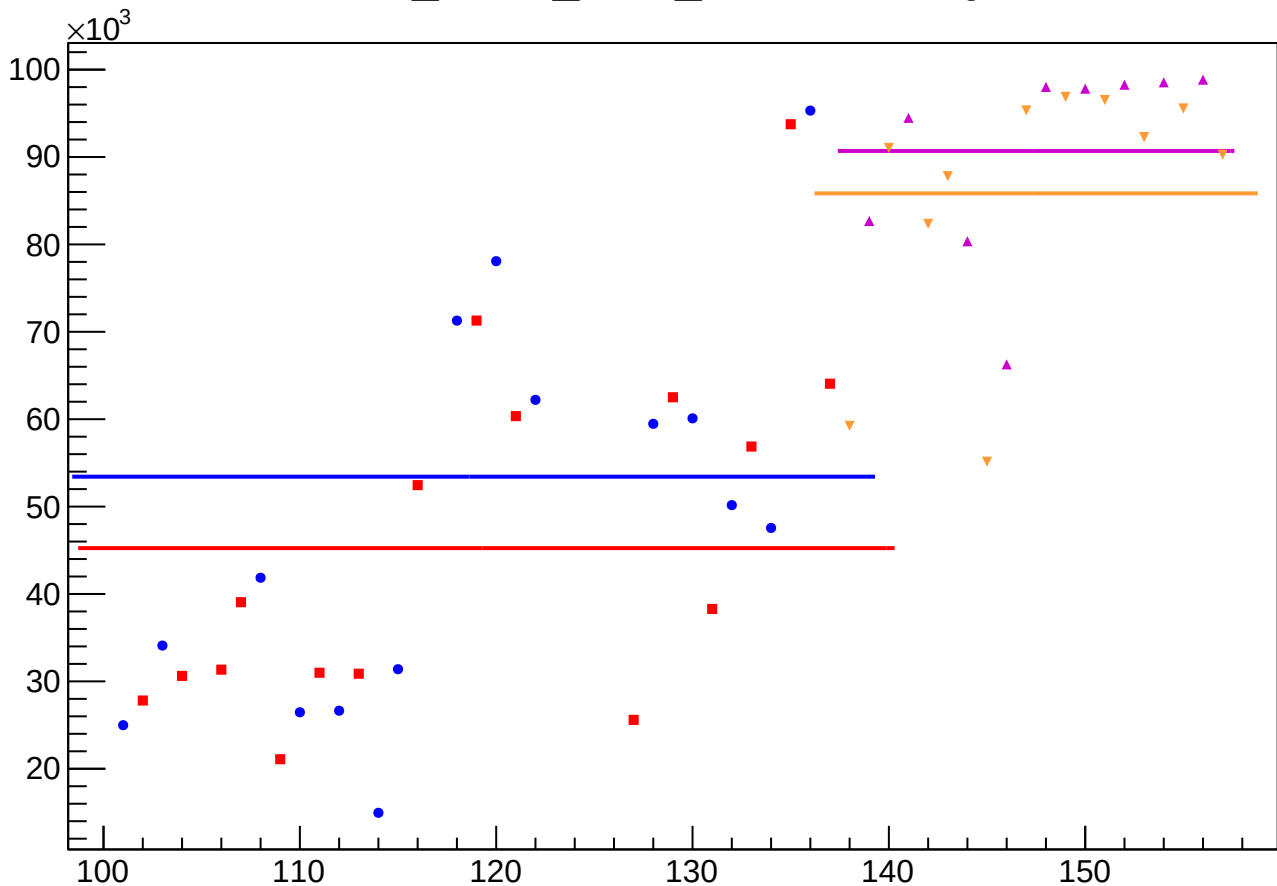
Left In: 1245.445 $\pm$ 0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

+ sign 1112.069 $\pm$ 0.000 χ^2/NDF : 58365468353104

All: 1123.744 $\pm$ 0.000 χ^2/NDF : 1516265995

- sign 1135.827 $\pm$ 0.000 χ^2/NDF : 92848928033849

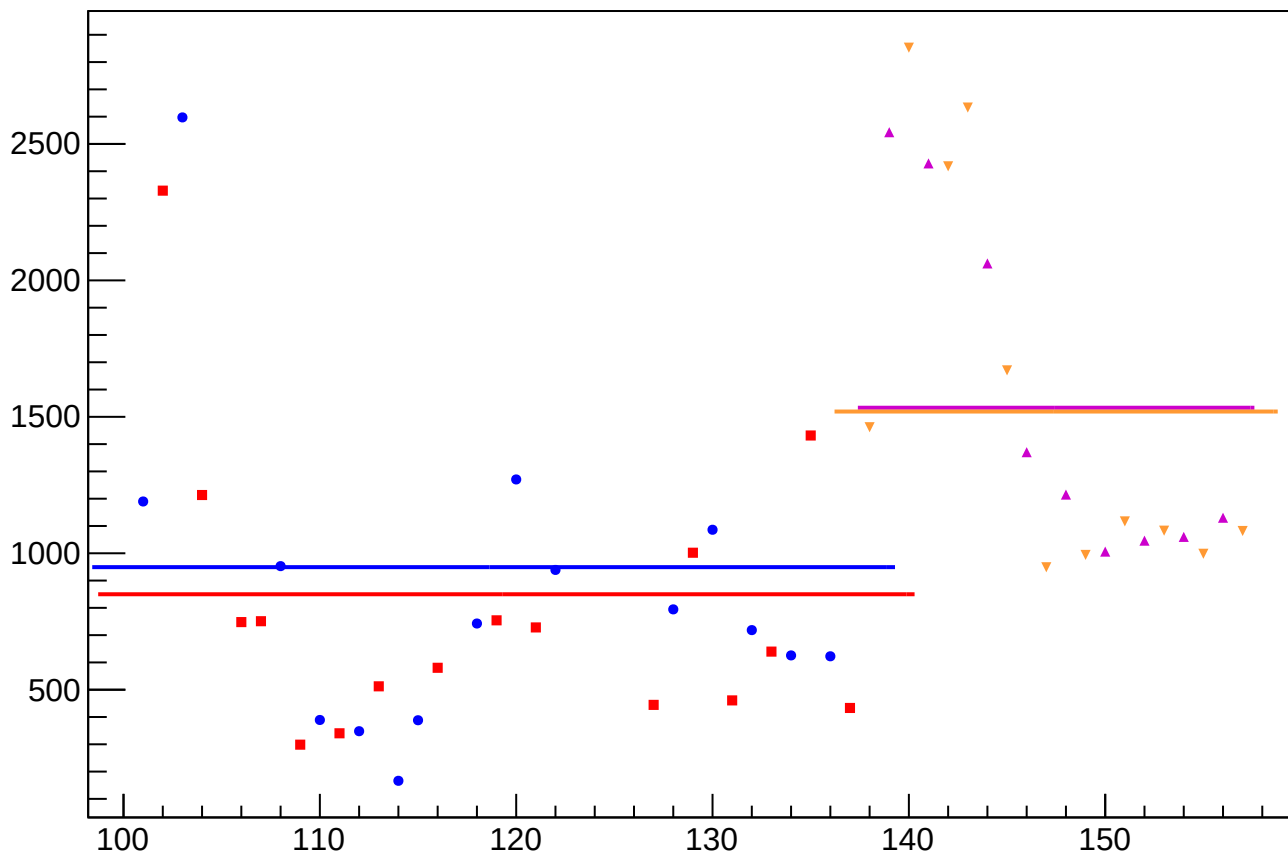
dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000	χ^2/NDF : 360635757315133800133751123167777346551808.0/14
Left Out: 85840.997+/-0.000	χ^2/NDF : 173303092413371489604749461311545191432192.0/10
Right Out: 45247.617+/-0.000	χ^2/NDF : 286060196488034430215784613374055547928576.0/15
Left In: 90697.093+/-0.000	χ^2/NDF : 90388493809401100220006354602113003159552.0/8

+ sign 71682.427+/-0.000 χ^2/NDF : 9181220767173
 All: 70652.399+/-0.000 χ^2/NDF : 2035607430
 - sign 69586.508+/-0.000 χ^2/NDF : 1114277297185

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

+ sign 1270.373+/-0.000 χ^2/NDF : 72687715149850

Left Out: 1519.410+/-0.000 χ^2/NDF : 382328919328692769466838824685118947328.0/10

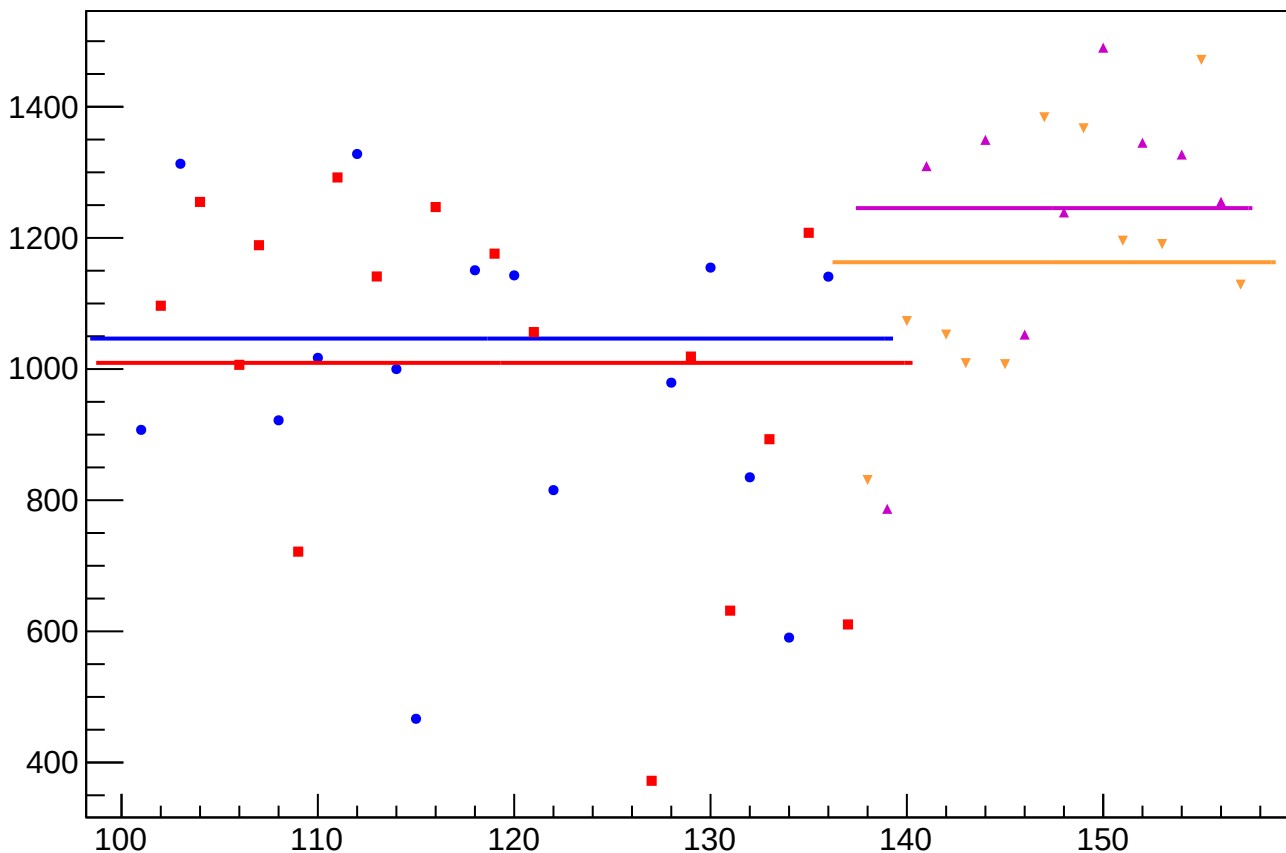
All: 1243.579+/-0.000 χ^2/NDF : 13657125414

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

- sign 1215.851+/-0.000 χ^2/NDF : 63666450112067

Left In: 1533.327+/-0.000 χ^2/NDF : 265173558900197559918204660683223597056.0/8

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

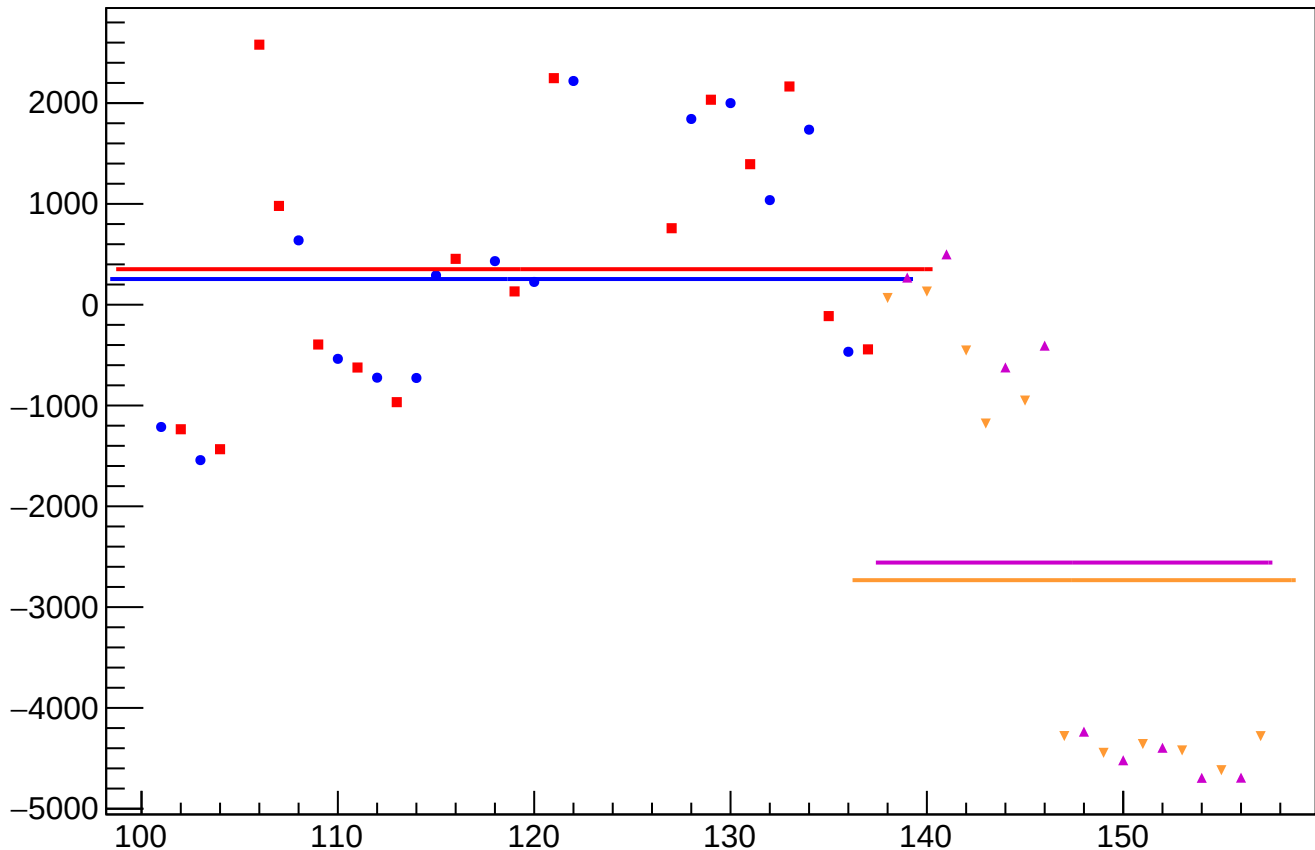
Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

All: 1123.744+/-0.000 χ^2/NDF : 15162659959

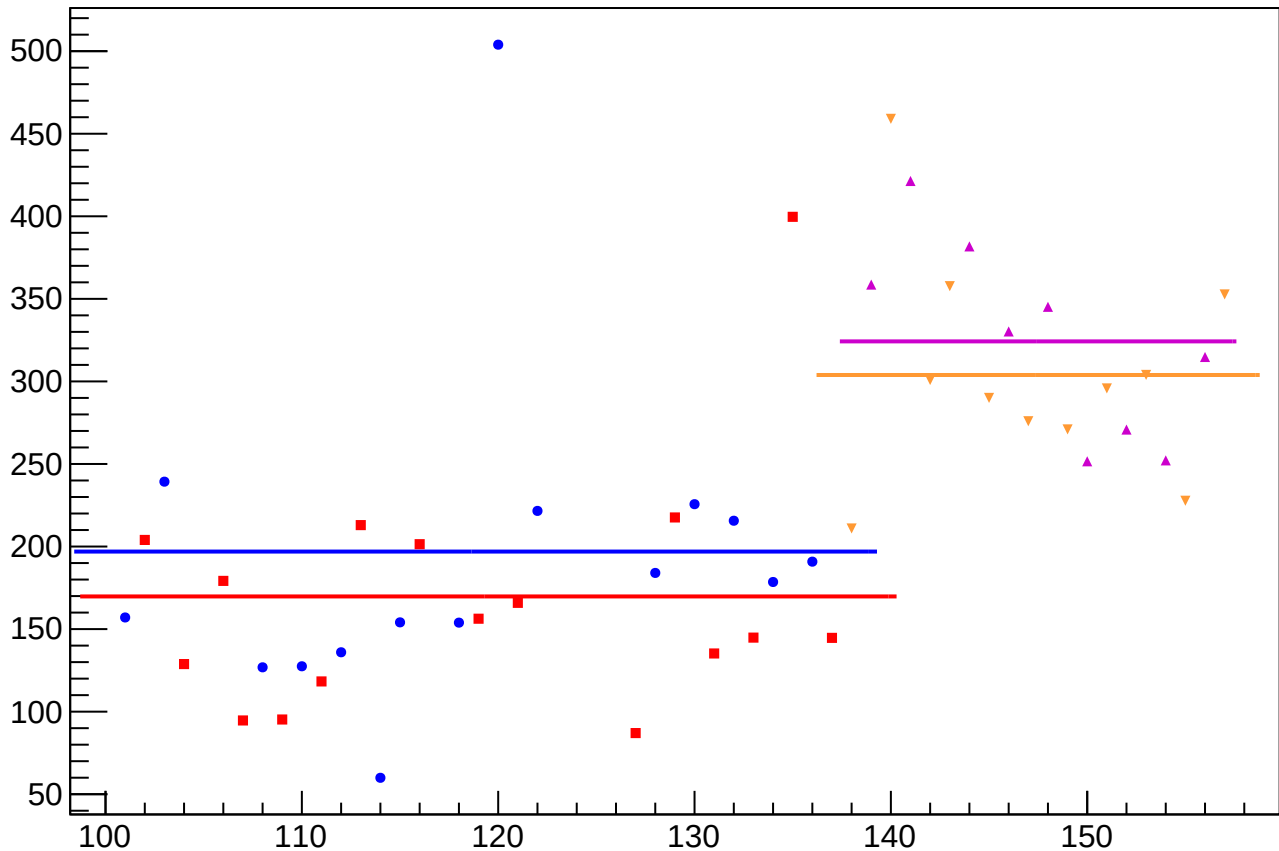
dit_sam5_coil1_mean vs Slug



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: -2558.100+/-0.000	χ^2/NDF : 3809970402037189463566013711890870435840.0/8

+ sign -1428.050+/-0.000 χ^2/NDF : 7534089830189
 All: -1319.053+/-0.000 χ^2/NDF : 155063555
 - sign -1206.260+/-0.000 χ^2/NDF : 79363423844938

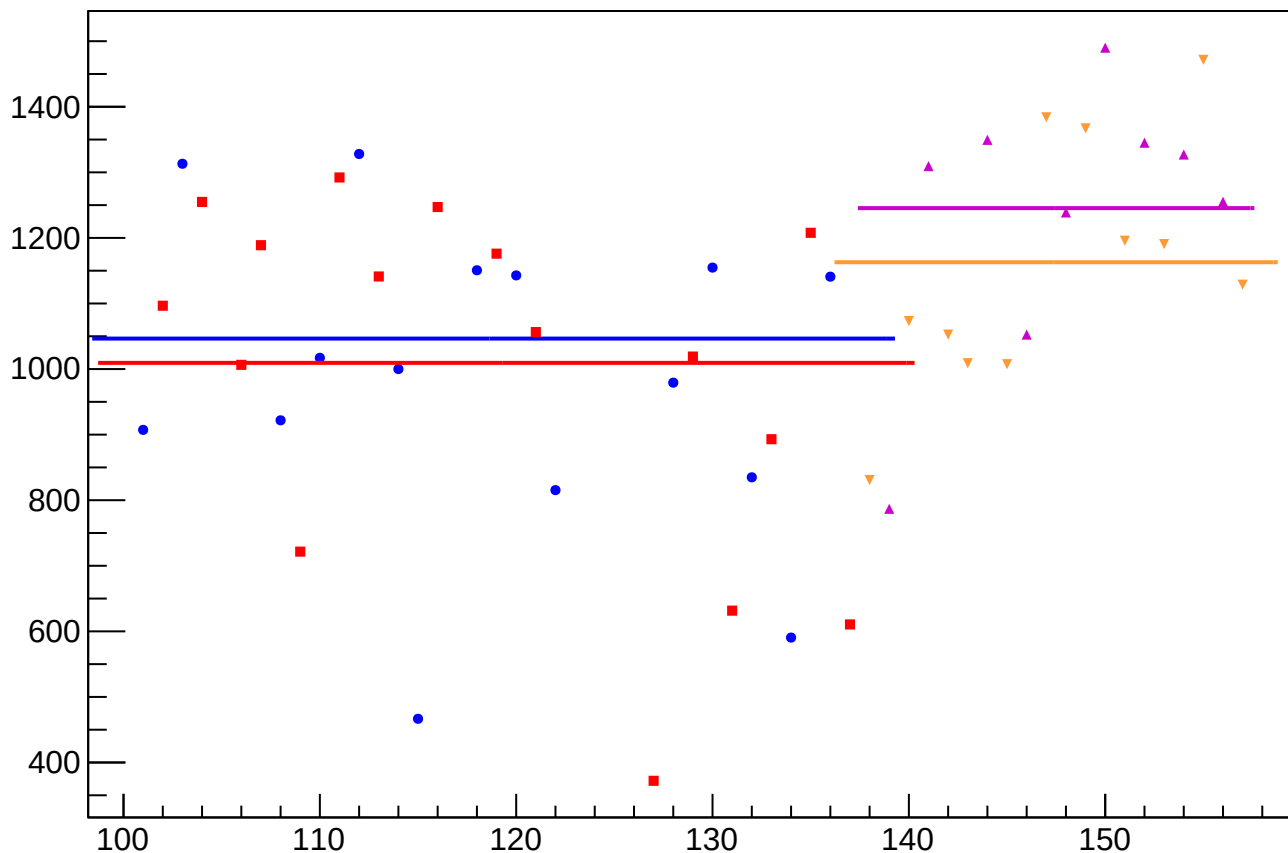
dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14
Left Out: 303.890+/-0.000	χ^2/NDF : 3666820197416052672735674065641013248.0/10
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15
Left In: 324.241+/-0.000	χ^2/NDF : 2429572197859802041789152291570319360.0/8

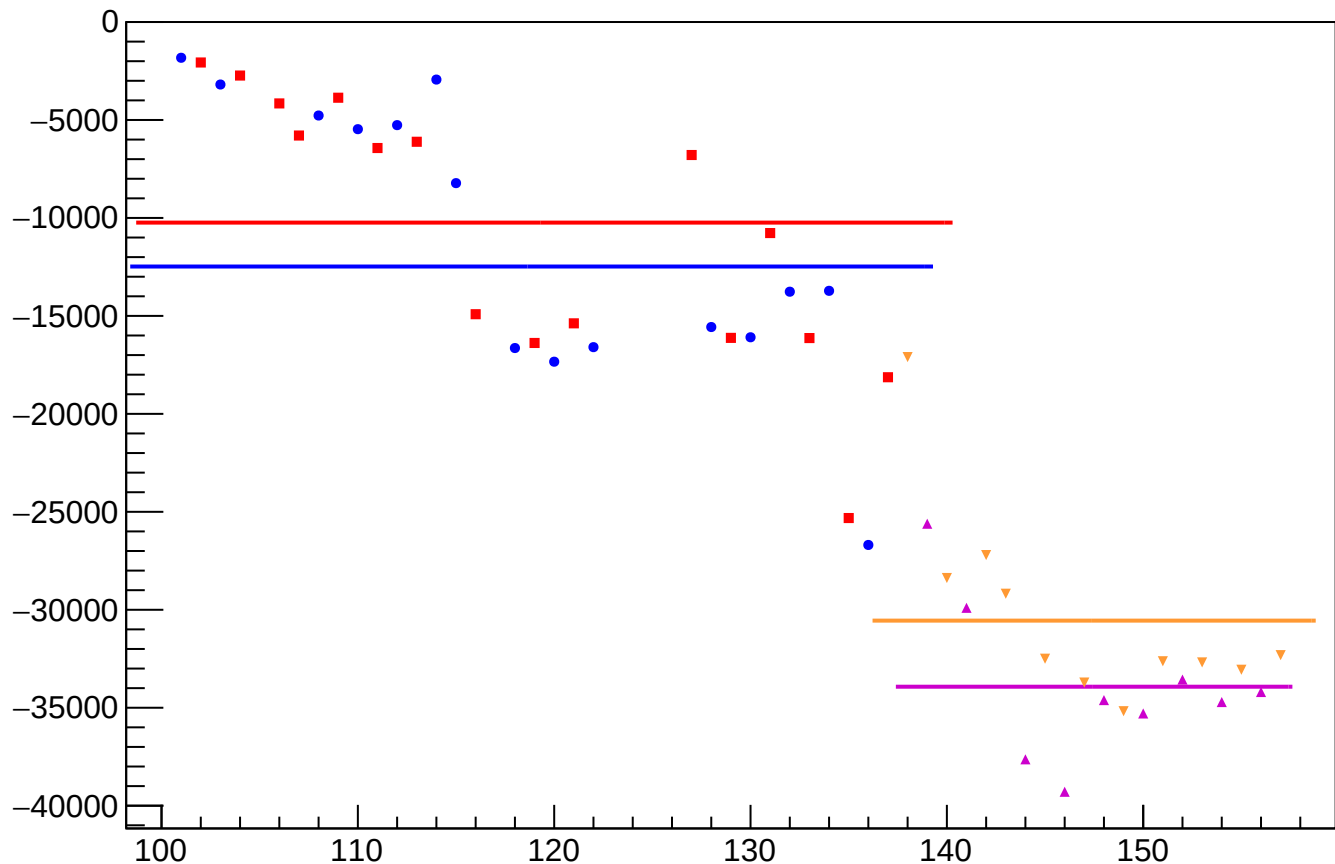
+ sign 257.187+/-0.000 χ^2/NDF : 123321471636863
 All: 254.881+/-0.000 χ^2/NDF : 27192502255
 - sign 252.495+/-0.000 χ^2/NDF : 148442822700397

dit_sam5_coil1_Ndata_mean vs Slug



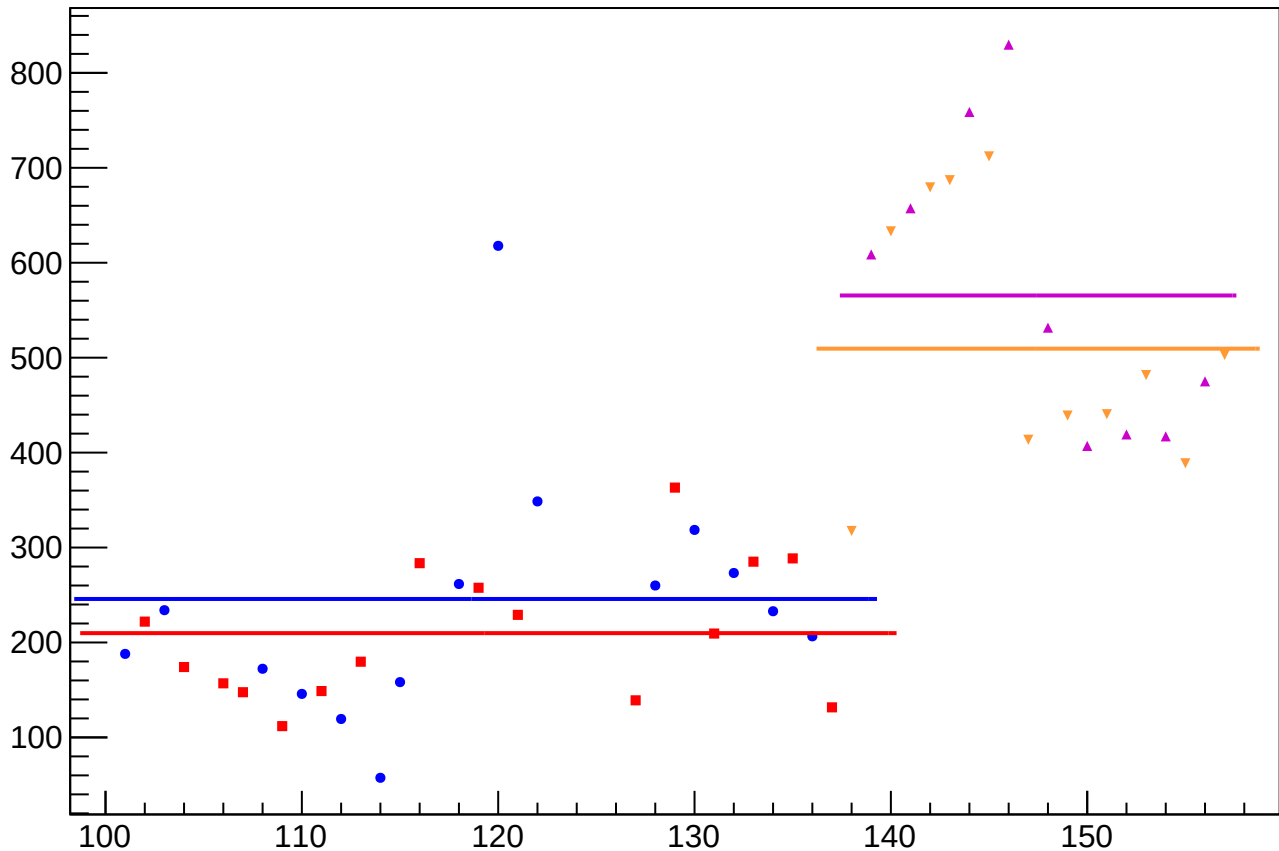
Right In: 1046.490 $\pm$ 0.000 χ^2 /NDF: 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918 $\pm$ 0.000 χ^2 /NDF: 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445 $\pm$ 0.000 χ^2 /NDF: 44602783681728168935494176019868286976.0/15
 Left In: 1245.445 $\pm$ 0.000 χ^2 /NDF: 28352253182099397607542174648612421632.0/8

dit_sam6_coil1_mean vs Slug



Right In: -12479.653 +/- 0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left In: -33926.315 +/- 0.000 χ^2/NDF : 10874303361369542467244696501170424774656.0/8
 Right Out: -10238.098 +/- 0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left Out: -30553.109 +/- 0.000 χ^2/NDF : 19490507462947588979155444792850900844544.0/10
 All: -22789.320 +/- 0.000 χ^2/NDF : 422660123
 + sign -22659.655 +/- 0.000 χ^2/NDF : 180077233534
 - sign -22923.501 +/- 0.000 χ^2/NDF : 2425320513921

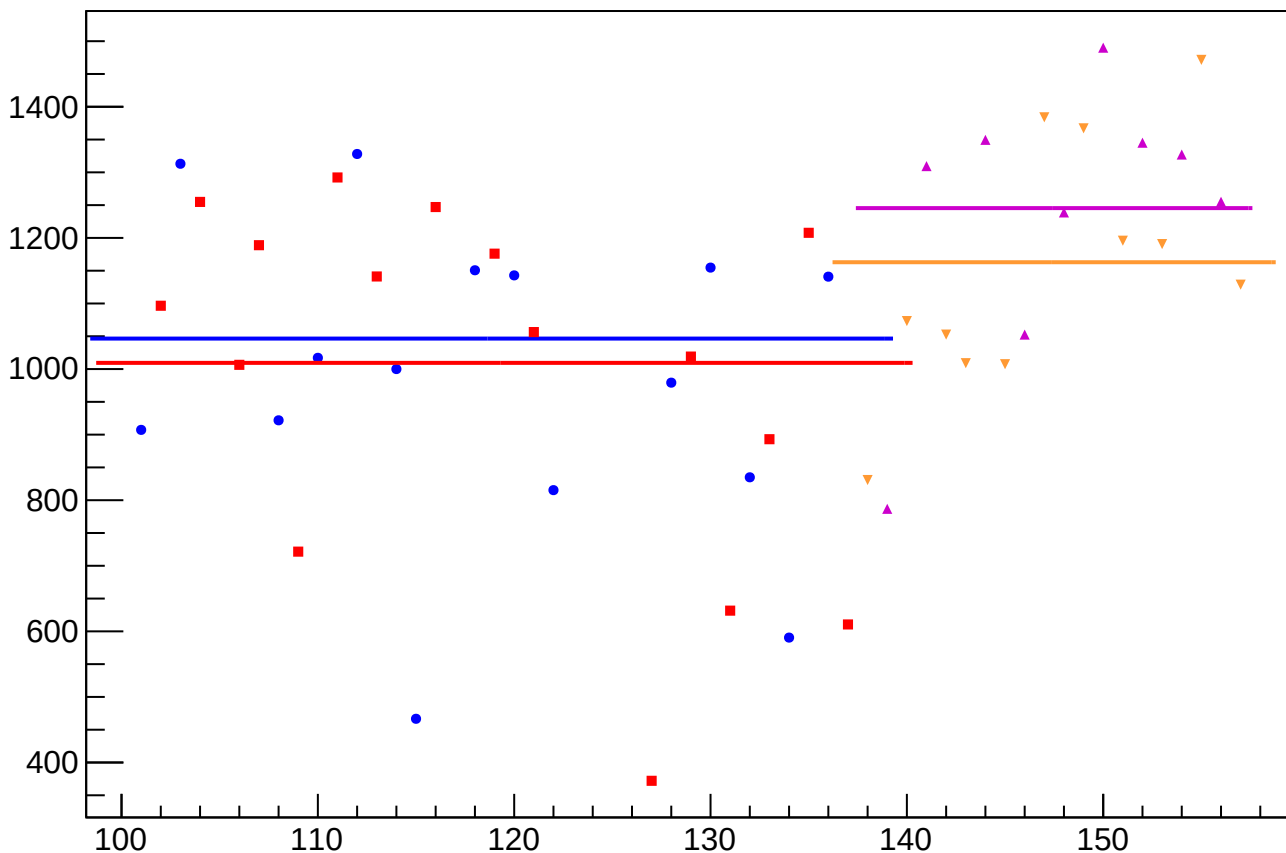
dit_sam6_coil1_err_mean vs Slug



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: 565.515+/-0.000	χ^2/NDF : 16848238049705916989857034101380349952.0/8

+ sign 394.348+/-0.000 χ^2/NDF : 468692449894660
 All: 397.278+/-0.000 χ^2/NDF : 112056999392
 - sign 400.311+/-0.000 χ^2/NDF : 651617866930122

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

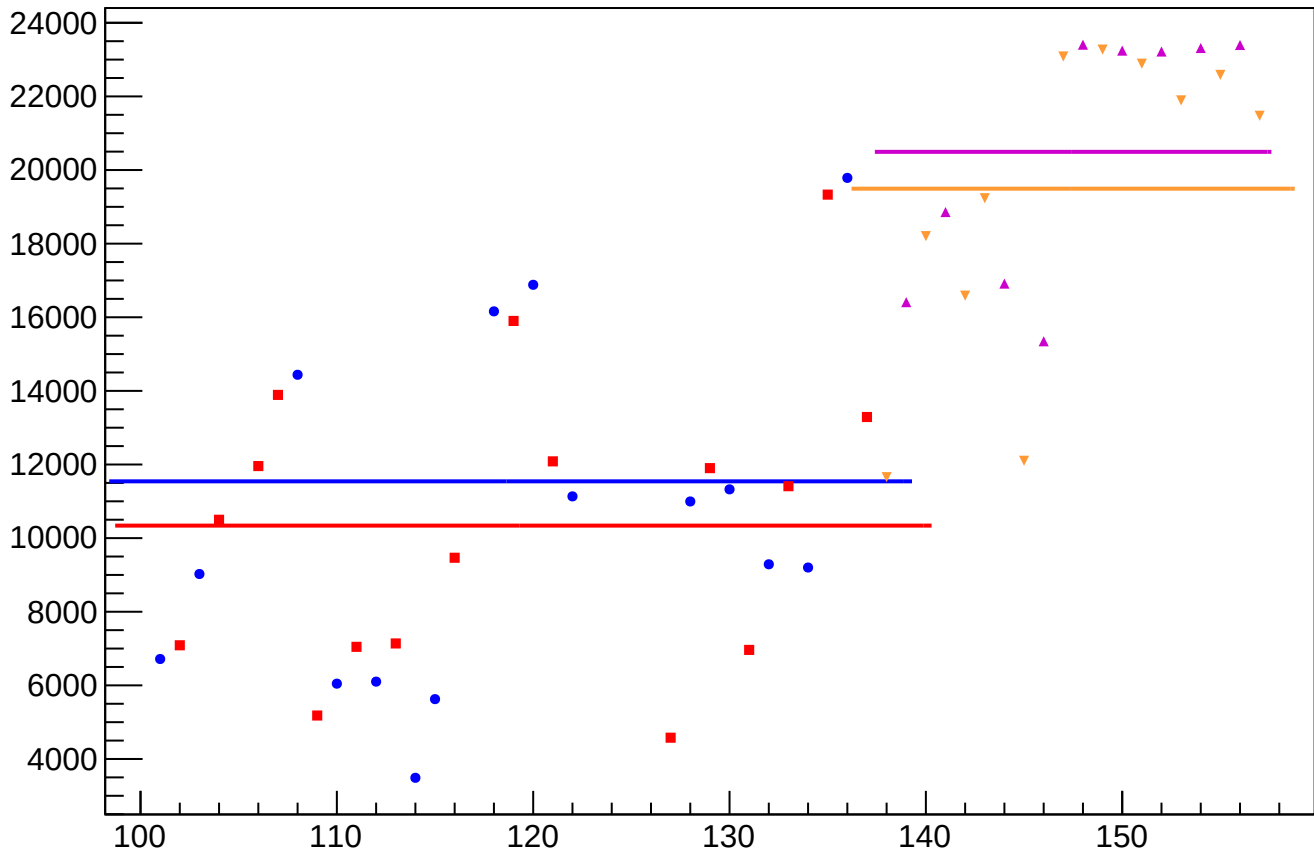
Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

All: 1123.744+/-0.000 χ^2/NDF : 15162659959

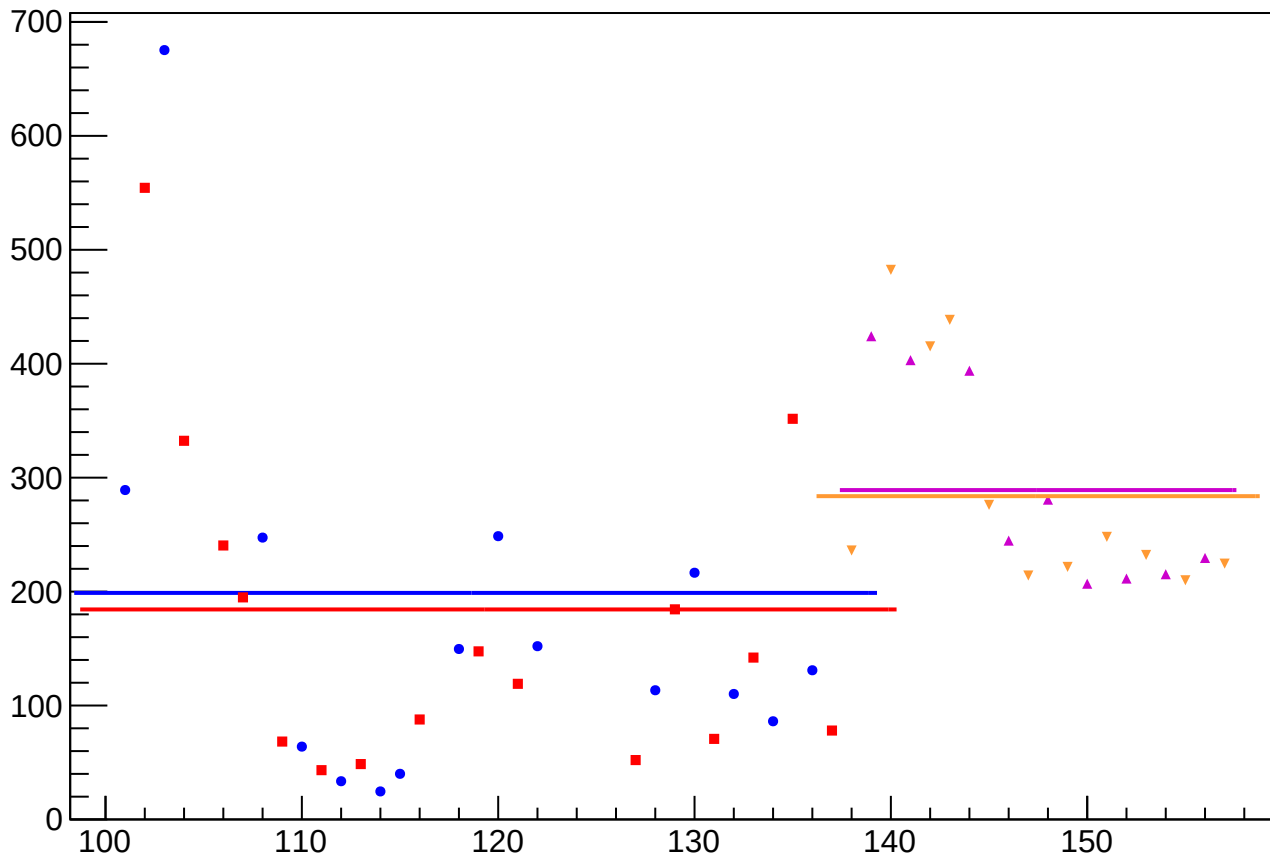
dit_sam7_coil1_mean vs Slug



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: 20493.808+/-0.000	χ^2/NDF : 8346408884034282589467234411160021237760.0/8

+ sign 16020.995+/-0.000 χ^2/NDF : 5174467704325
 All: 15901.333+/-0.000 χ^2/NDF : 1082215375
 - sign 15777.505+/-0.000 χ^2/NDF : 5643356384417

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

+ sign 246.677+/-0.000 χ^2/NDF : 285267047054780

Left Out: 283.762+/-0.000 χ^2/NDF : 7557073207778532516631591669035171840.0/10

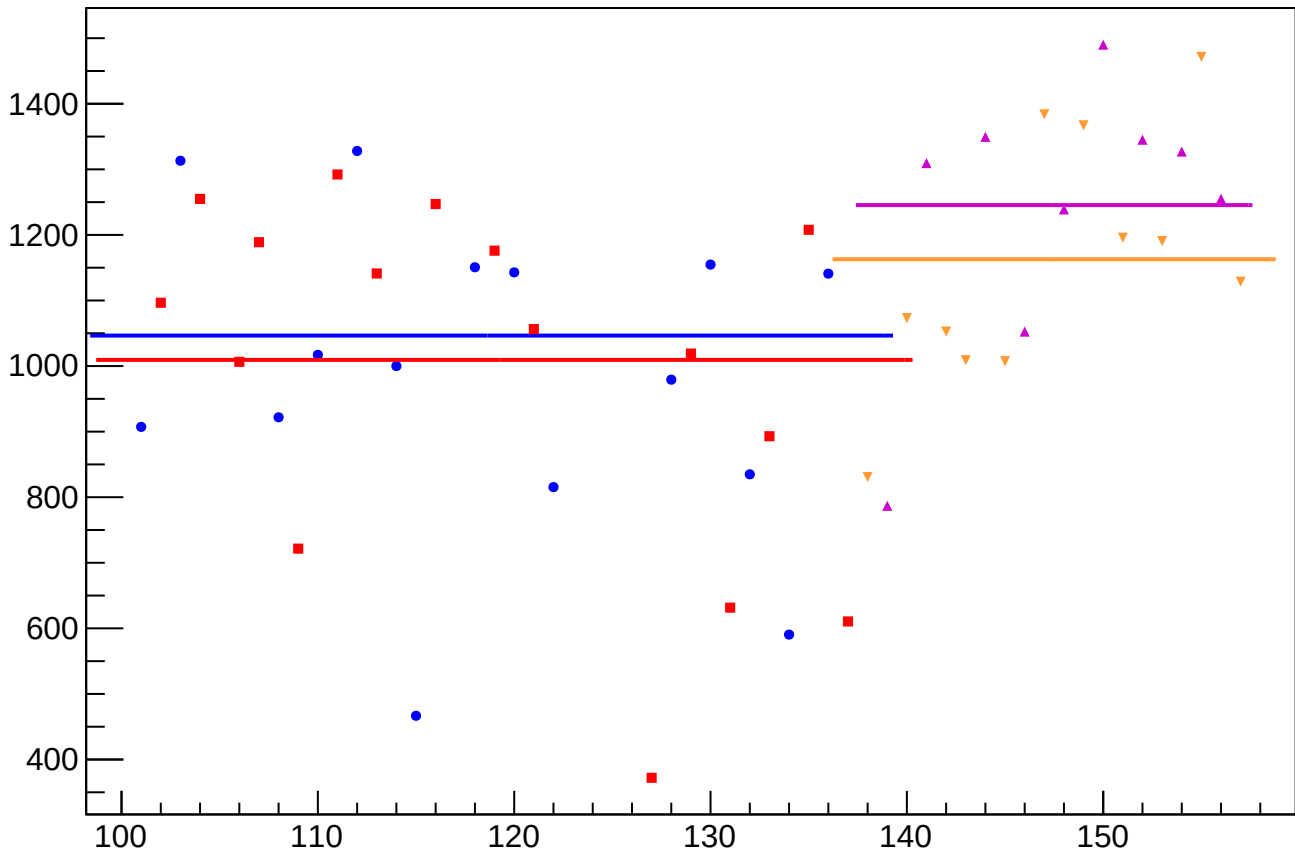
All: 243.610+/-0.000 χ^2/NDF : 53040880939

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

- sign 240.435+/-0.000 χ^2/NDF : 244857200537967

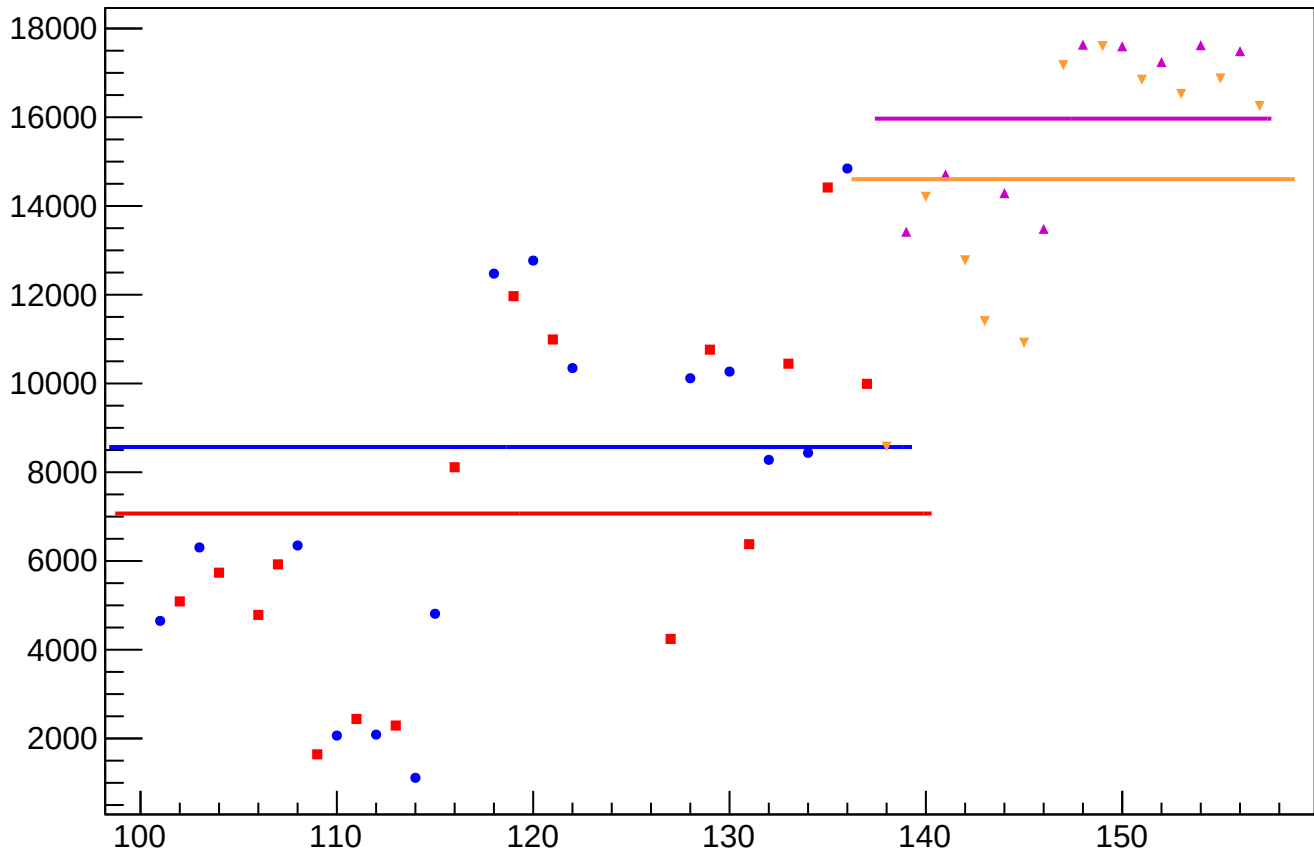
Left In: 289.100+/-0.000 χ^2/NDF : 5637404260986337034379807260716040192.0/8

dit_sam7_coil1_Ndata_mean vs Slug



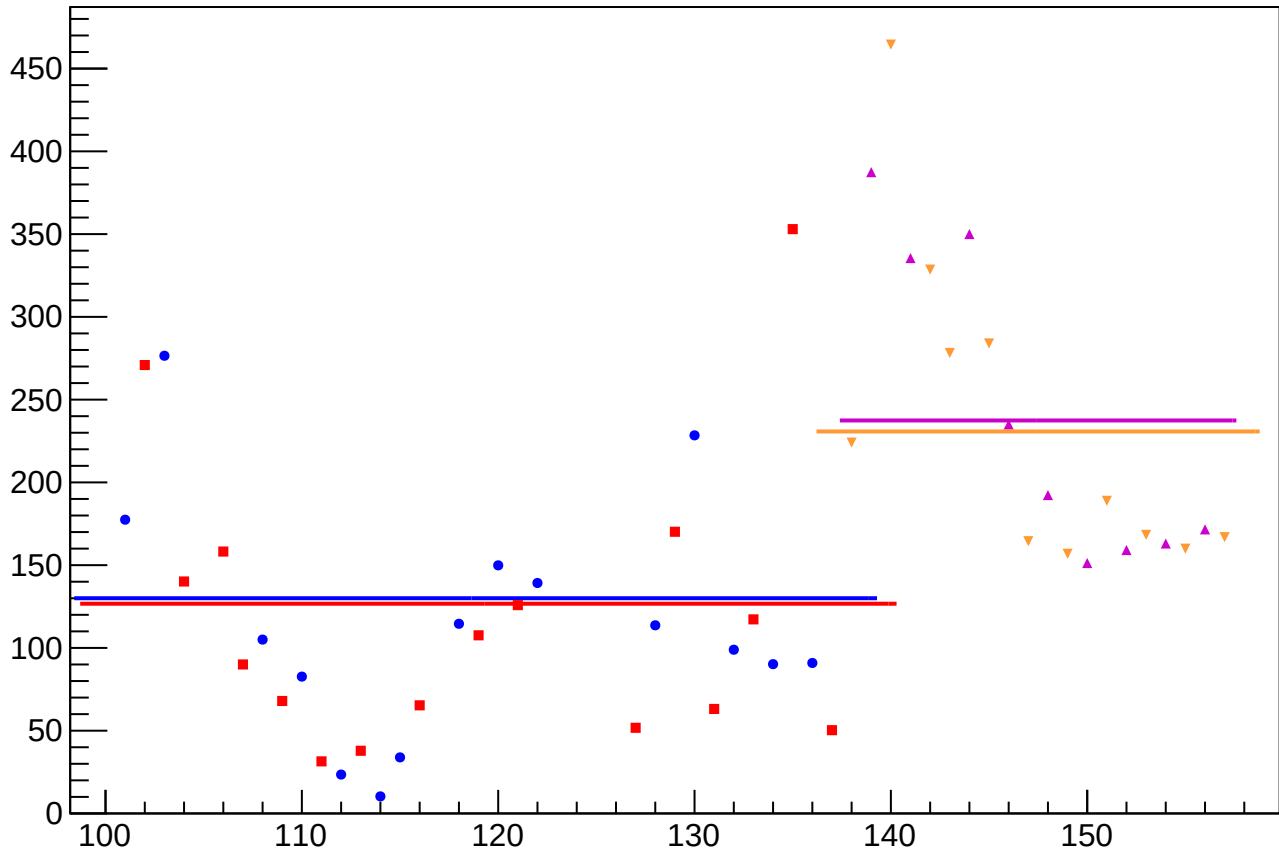
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

dit_sam8_coil1_mean vs Slug



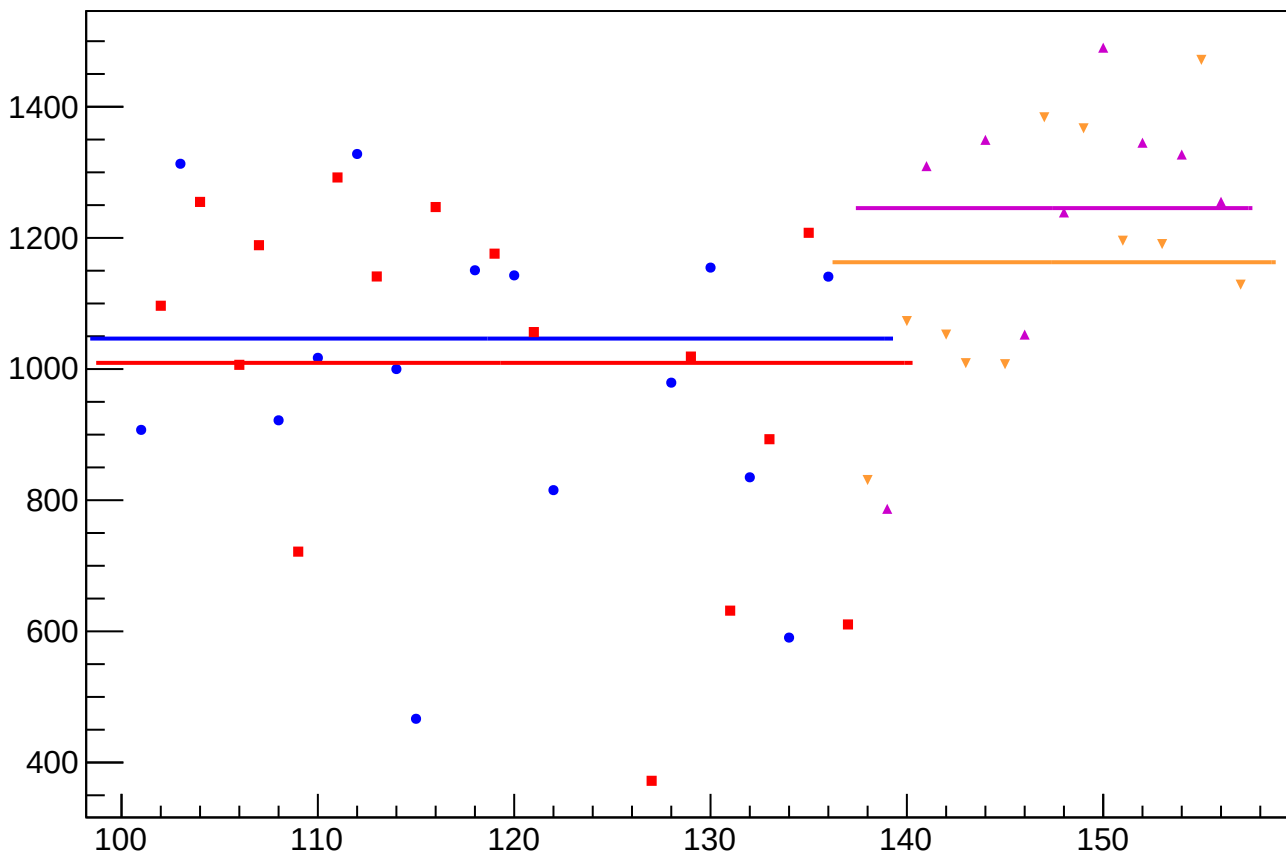
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14603.995+/-0.000 χ^2/NDF : 73863633723900477957666996049068736643072.0/10
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15968.386+/-0.000 χ^2/NDF : 246866948152619246389276523221611446272.0/8

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: 237.415+/-0.000 χ^2/NDF : 5987035744102316223433295186804867072.0/8

dit_sam8_coil1_Ndata_mean vs Slug



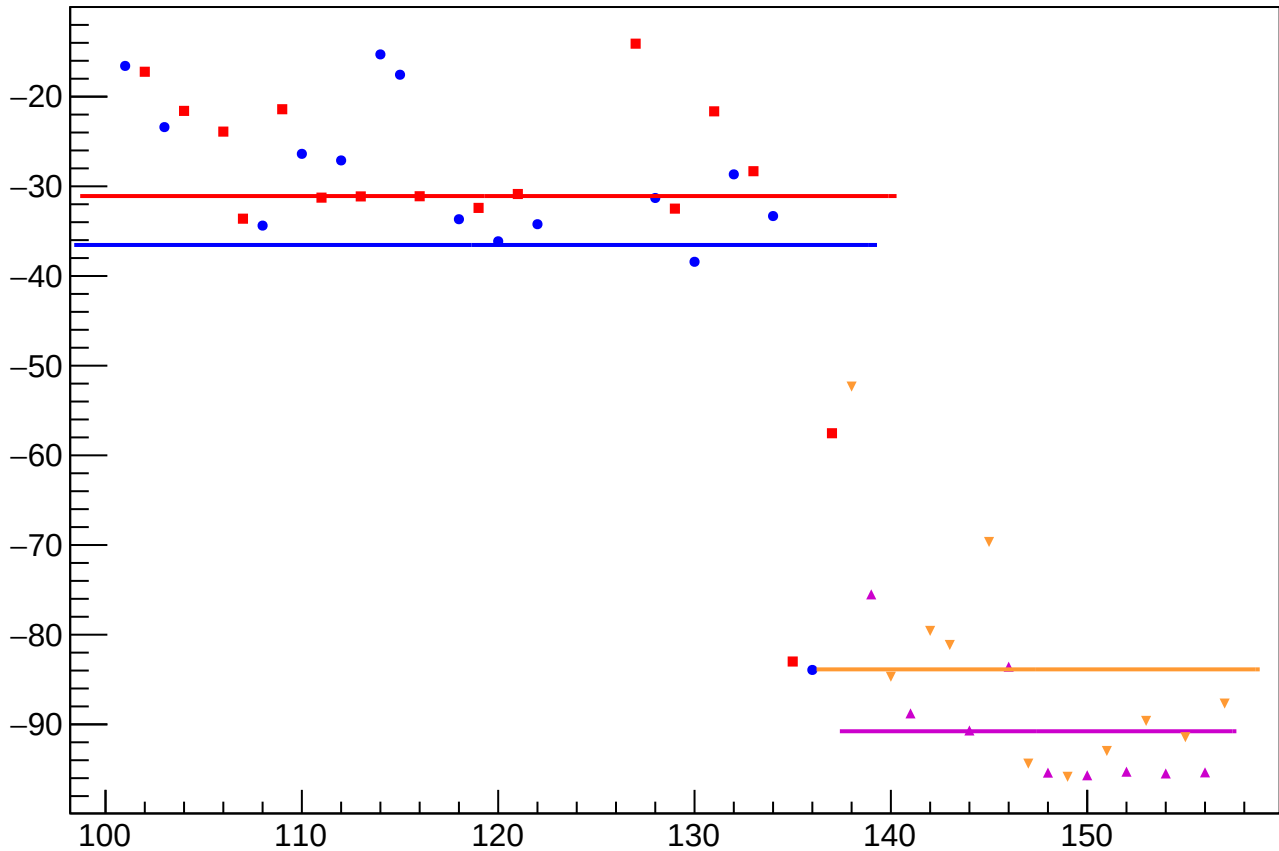
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1162.918+/-0.000 χ^2/NDF : 28543622085129880107855371286085632000.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

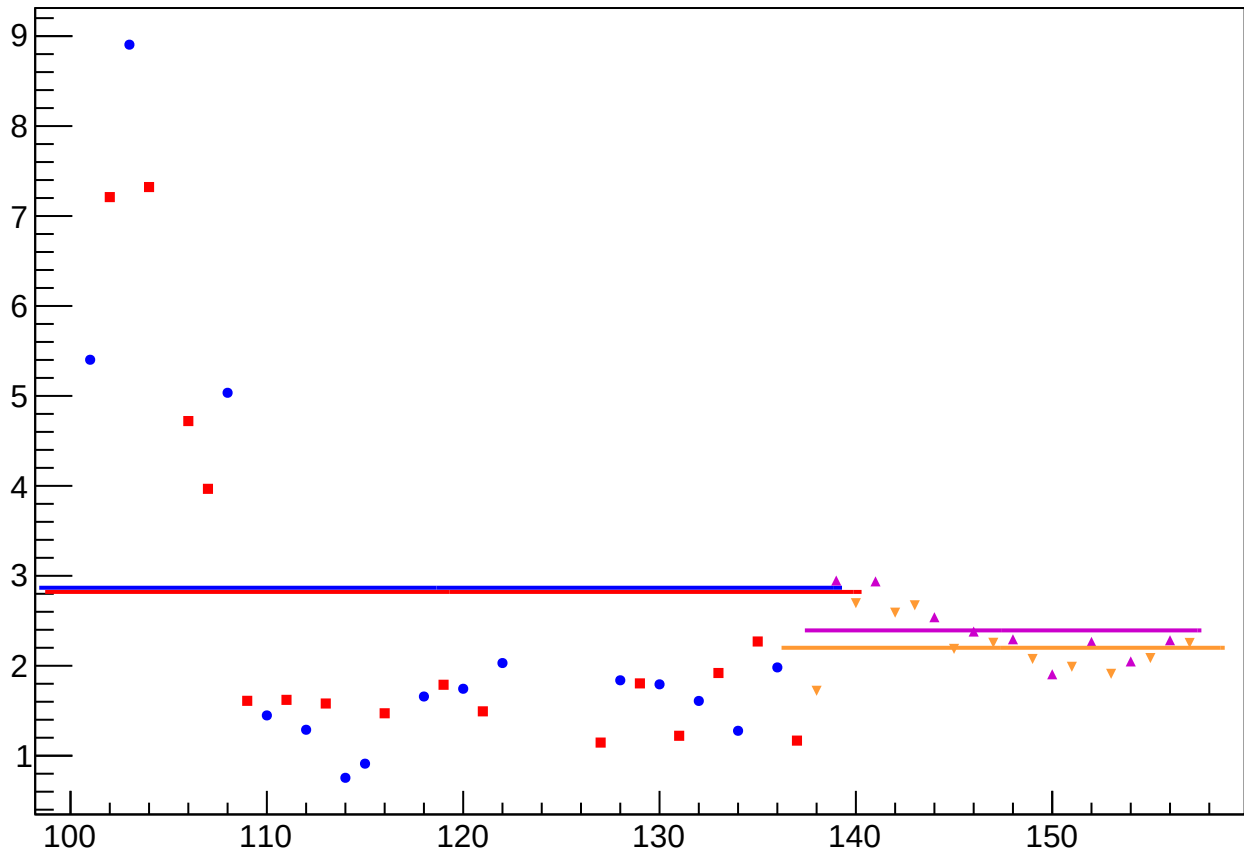
Left In: 1245.445+/-0.000 χ^2/NDF : 28352253182099397607542174648612421632.0/8

dit_4aX_coil3_mean vs Slug



Right In: -36.540 ± 0.000 $\chi^2/\text{NDF}: 254351867861444609202637633864335360.0/14$
 Left Out: -83.867 ± 0.000 $\chi^2/\text{NDF}: 130895217117973059824174418251218944.0/10$
 Right Out: -31.085 ± 0.000 $\chi^2/\text{NDF}: 181291079119381636178408498876383232.0/15$
 Left In: -90.769 ± 0.000 $\chi^2/\text{NDF}: 32913744894774916493892261842518016.0/8$

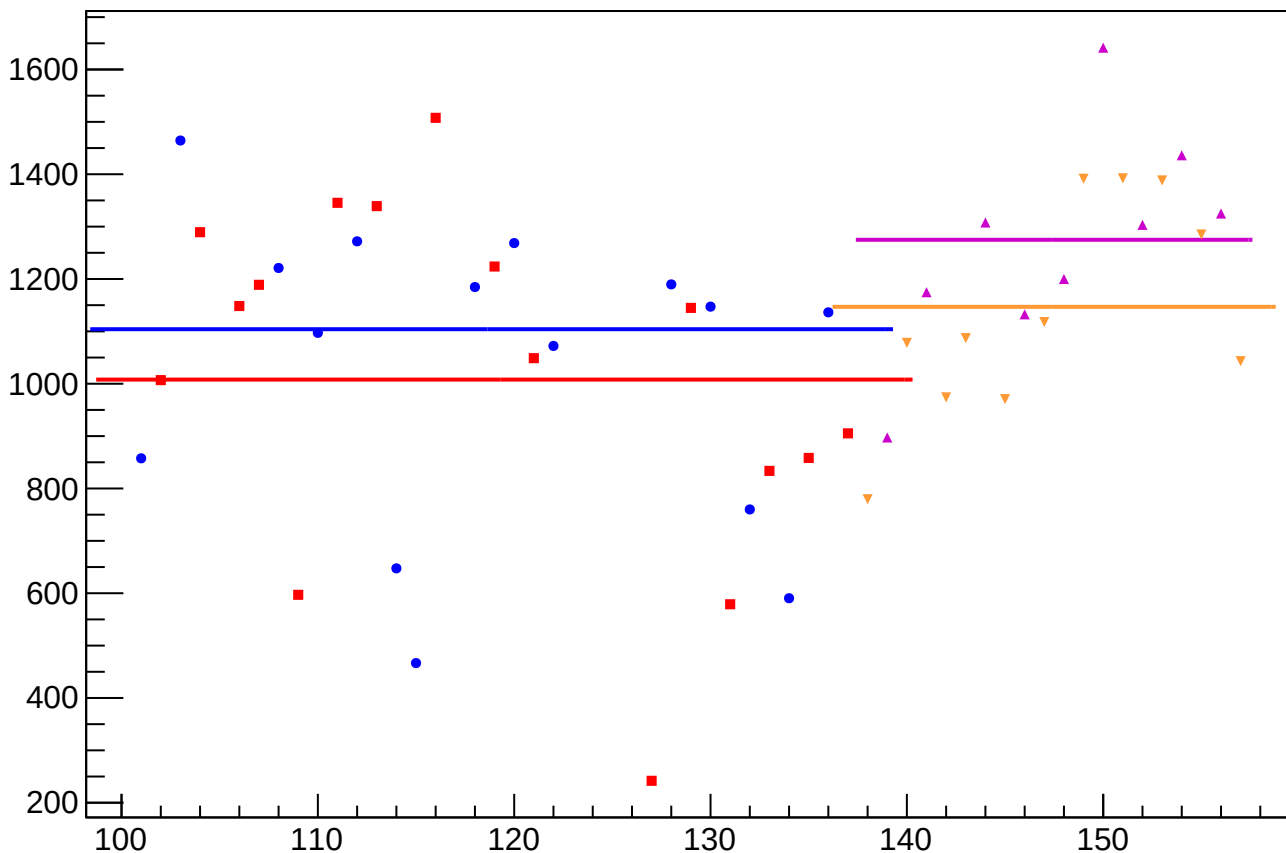
dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000	χ^2 /NDF: 3455499087584693564208174061322240.0/14
Left Out: 2.200 $\pm$ 0.000	χ^2 /NDF: 73309724783625633109604858593280.0/10
Right Out: 2.821 $\pm$ 0.000	χ^2 /NDF: 3052948718107902490497172912472064.0/15
Left In: 2.393 $\pm$ 0.000	χ^2 /NDF: 87490902240958579000339819659264.0/8

+ sign 2.491 $\pm$ 0.000 χ^2 /NDF: 36916467331145335
 All: 2.541 $\pm$ 0.000 χ^2 /NDF: 69048295088189
 - sign 2.592 $\pm$ 0.000 χ^2 /NDF: 32058243719474286

dit_4aX_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

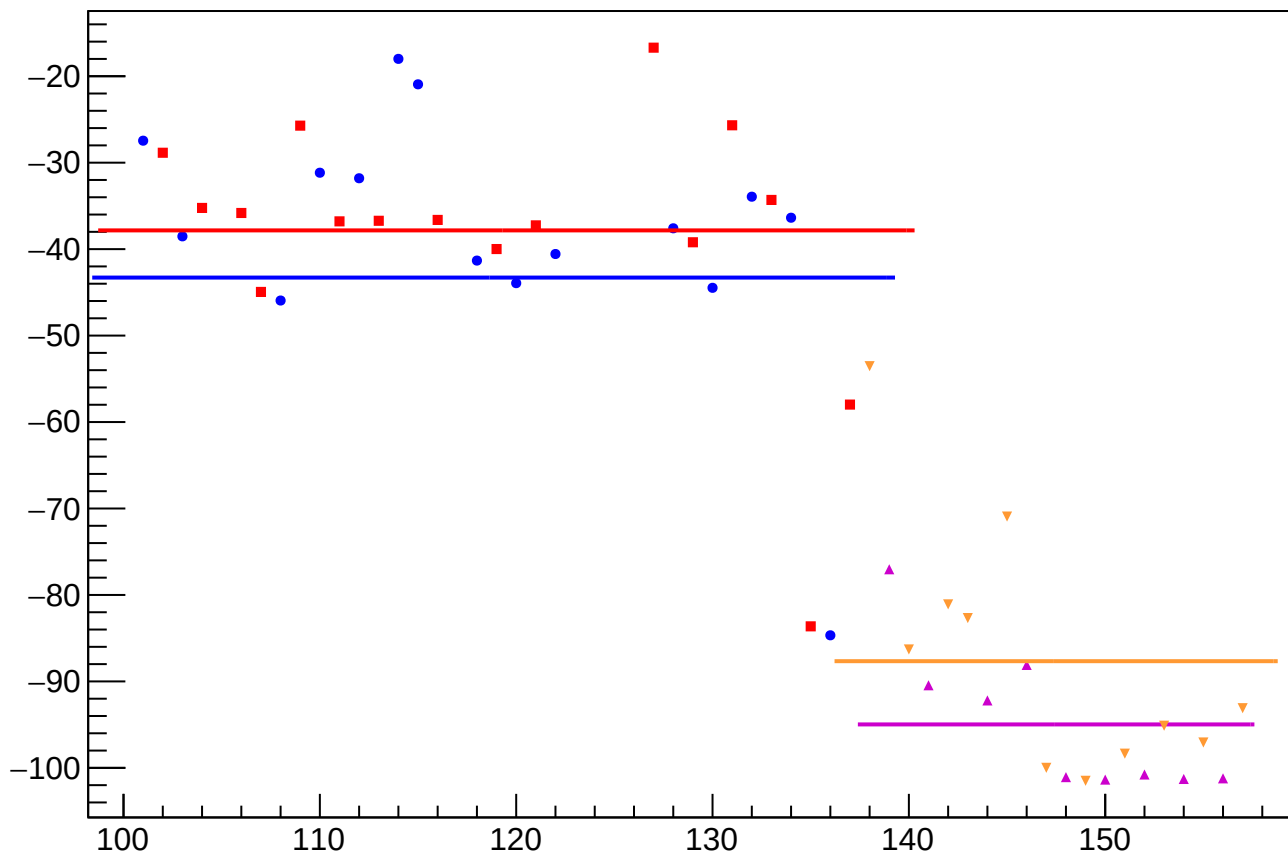
Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

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

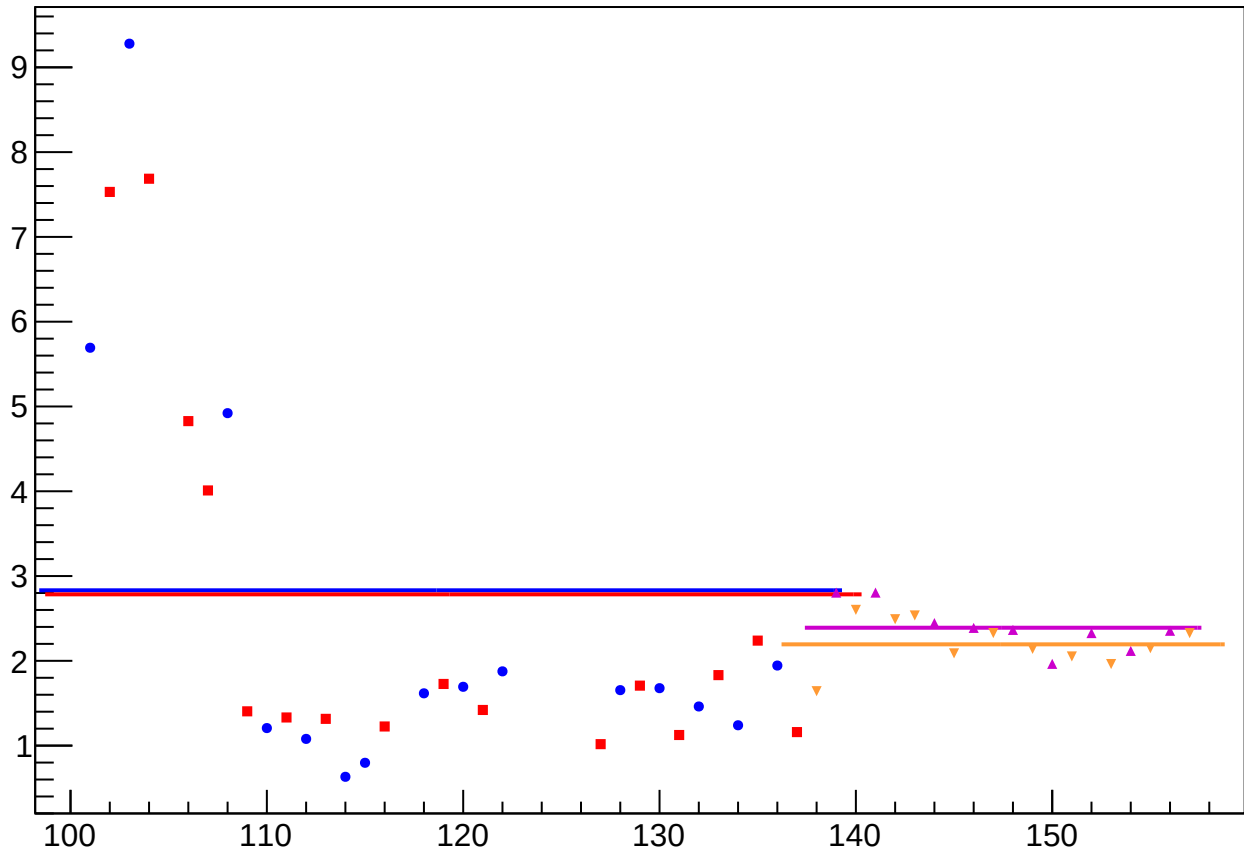
Left In: -94.975+/-0.000 χ^2/NDF : 48849698055461970605744154772242432.0/8

+ sign -68.282+/-0.000 χ^2/NDF : 108721765696046

All: -68.356+/-0.000 χ^2/NDF : 245108975260

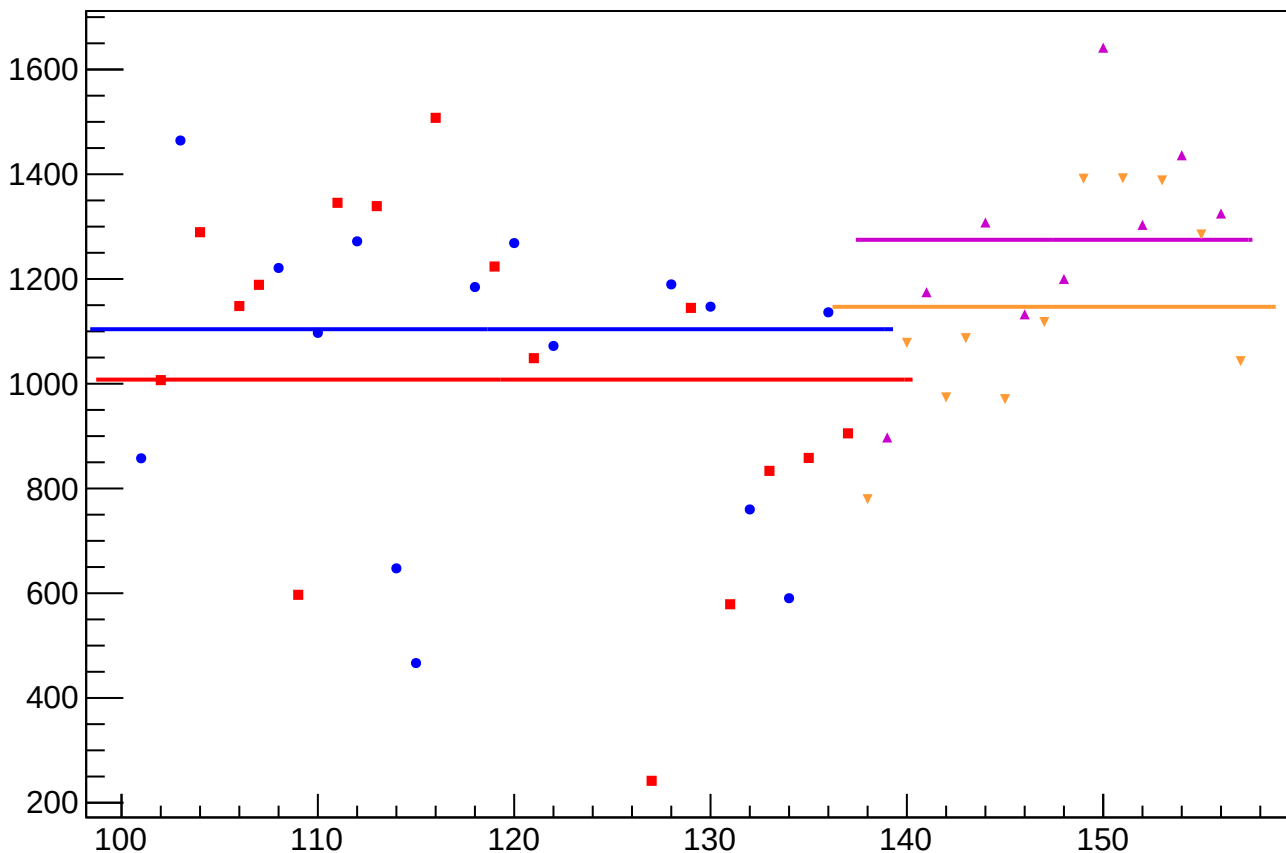
- sign -68.433+/-0.000 χ^2/NDF : 1363855353299832

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.194+/-0.000 χ^2/NDF : 59444010677370772970052786323456.0/10
 Right Out: 2.784+/-0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.390+/-0.000 χ^2/NDF : 52435365477157018788732837298176.0/8

dit_4eX_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

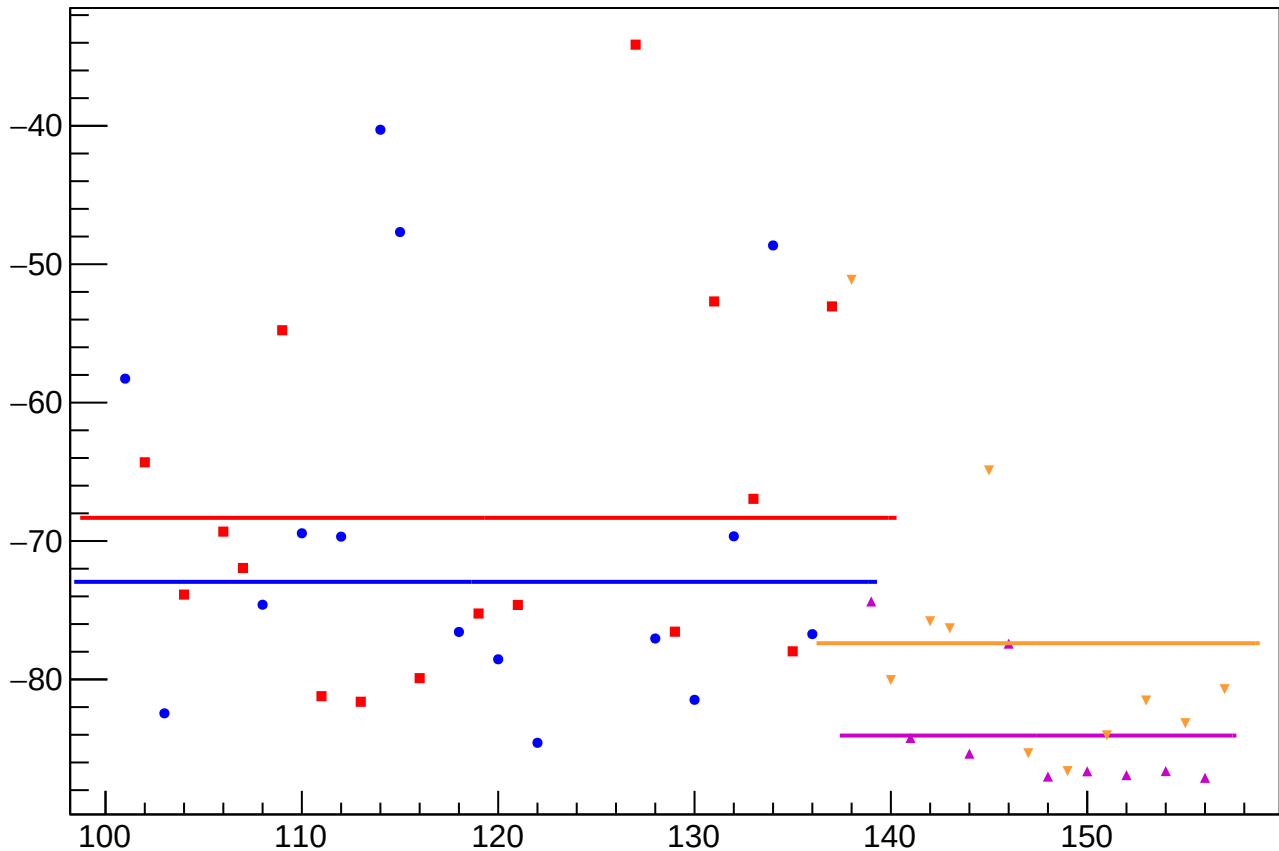
All: 1139.325+/-0.000 χ^2/NDF : 18988790582

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

dit_11X12X_coil3_mean vs Slug



Right In: -72.949 $\pm$ 0.000 χ^2 /NDF: 65755428464857980306879126291087360.0/14

+ sign -75.447 $\pm$ 0.000 χ^2 /NDF: 160642830518346

Left Out: -77.385 $\pm$ 0.000 χ^2 /NDF: 87695266939509192441832796774727680.0/10

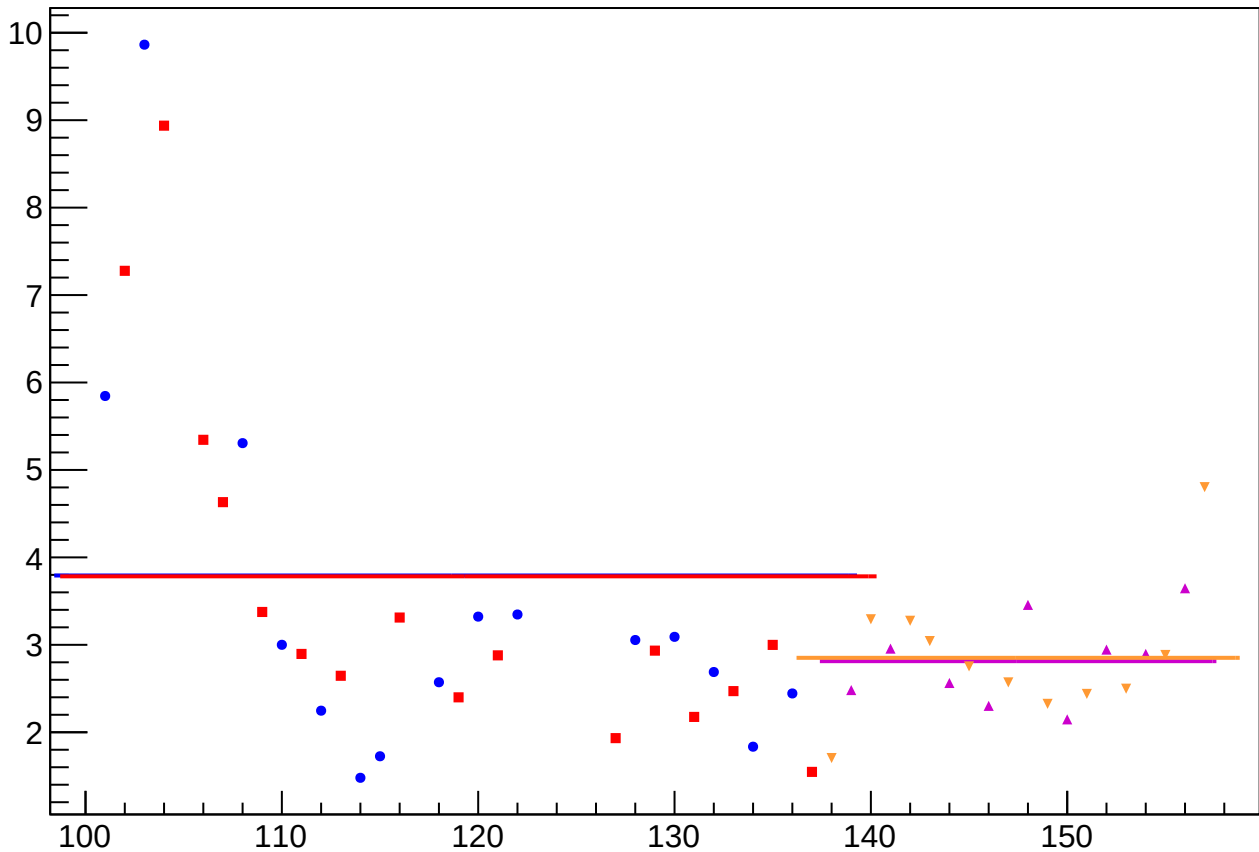
All: -76.087 $\pm$ 0.000 χ^2 /NDF: 371788472910

Right Out: -68.324 $\pm$ 0.000 χ^2 /NDF: 106694344898202364483367131372584960.0/15

- sign -76.749 $\pm$ 0.000 χ^2 /NDF: 2099091165010753

Left In: -84.056 $\pm$ 0.000 χ^2 /NDF: 14806607708893914948477960029470720.0/8

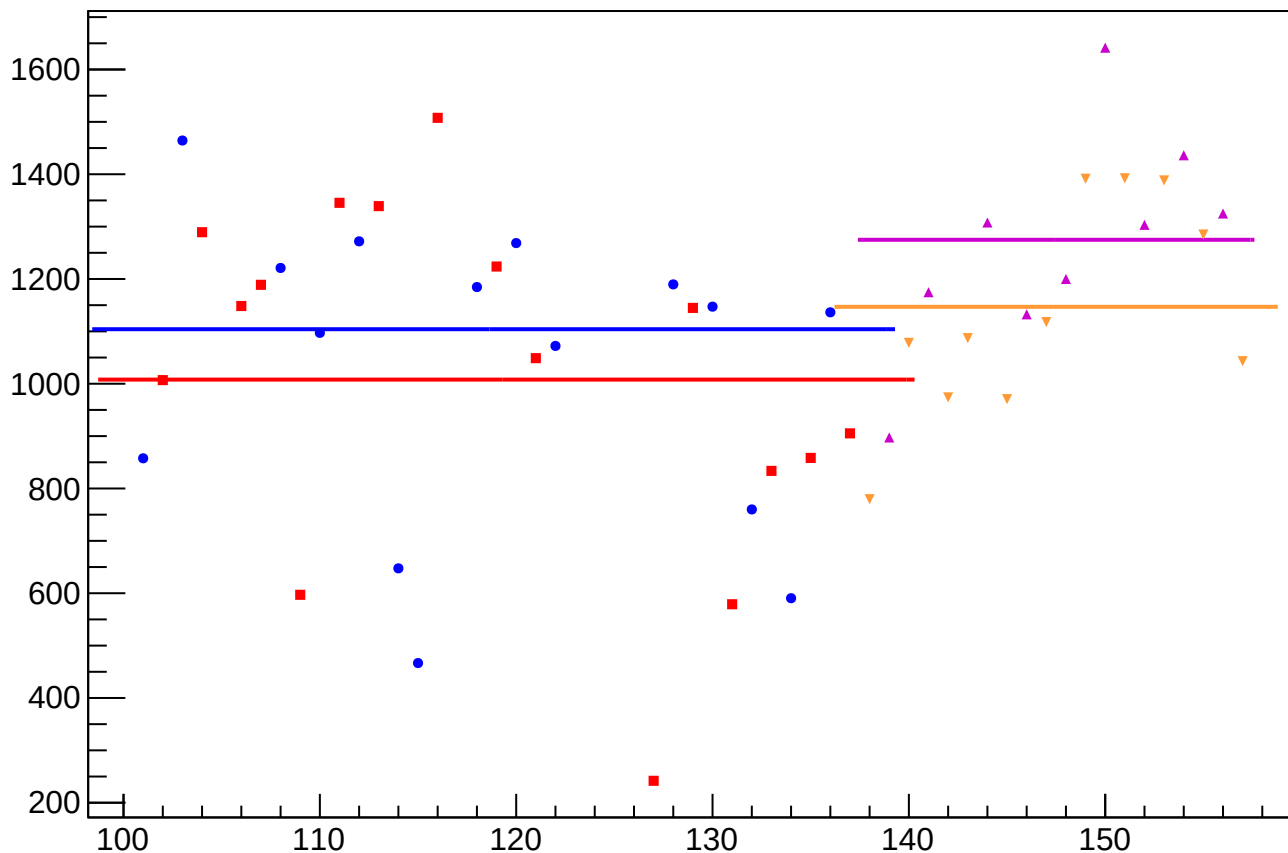
dit_11X12X_coil3_err_mean vs Slug



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: 2.813+/-0.000 χ^2/NDF : 170701123796501662174998232563712.0/8

+ sign 3.263+/-0.000 χ^2/NDF : 40135048054286185
 All: 3.263+/-0.000 χ^2/NDF : 73989383437548
 - sign 3.264+/-0.000 χ^2/NDF : 33854326018523087

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1146.849 $\pm$ 0.000 χ^2 /NDF: 32103917825336641611882104630265511936.0/10

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

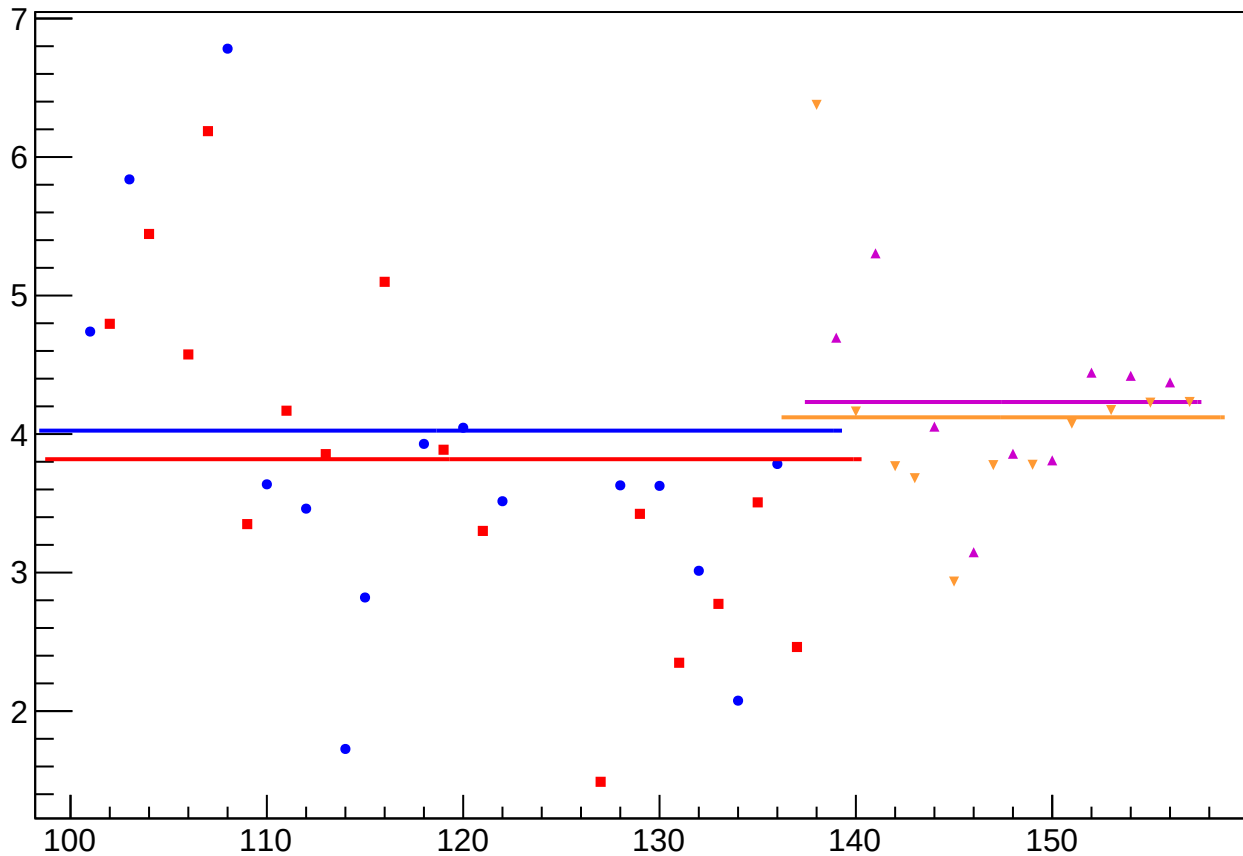
Left In: 1274.843 $\pm$ 0.000 χ^2 /NDF: 29473583312174738546687856575741165568.0/8

+ sign 1128.184 $\pm$ 0.000 χ^2 /NDF: 65509473218234

All: 1139.325 $\pm$ 0.000 χ^2 /NDF: 18988790582

- sign 1150.854 $\pm$ 0.000 χ^2 /NDF: 12400309289306

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

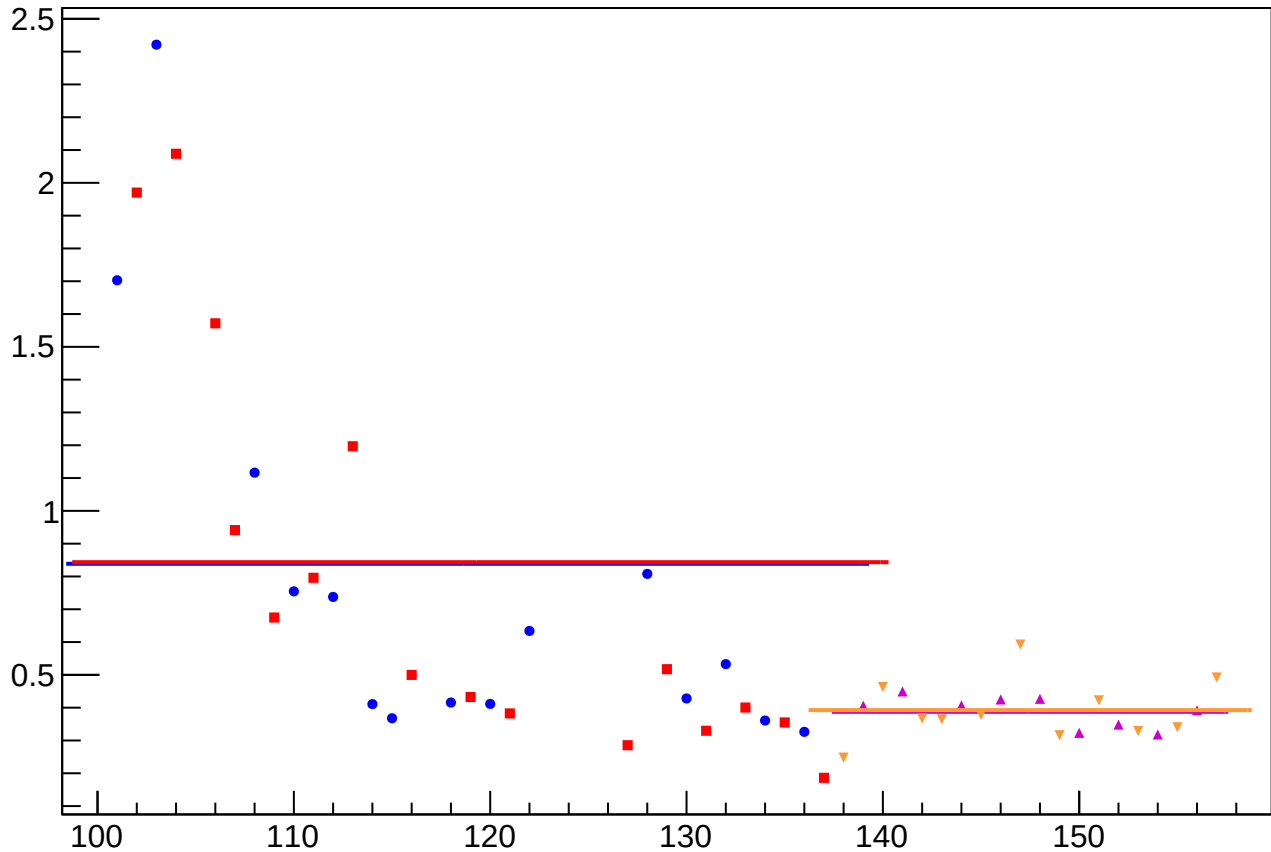
Left In: 4.231 ± 0.000 χ^2/NDF : 252401656586044187074501770477568.0/8

+ sign 4.079 ± 0.000 χ^2/NDF : 13234173573200319

All: 4.060 ± 0.000 χ^2/NDF : 25260815105310

- sign 4.040 ± 0.000 χ^2/NDF : 12015334032567270

dit_4aY_coil3_err_mean vs Slug



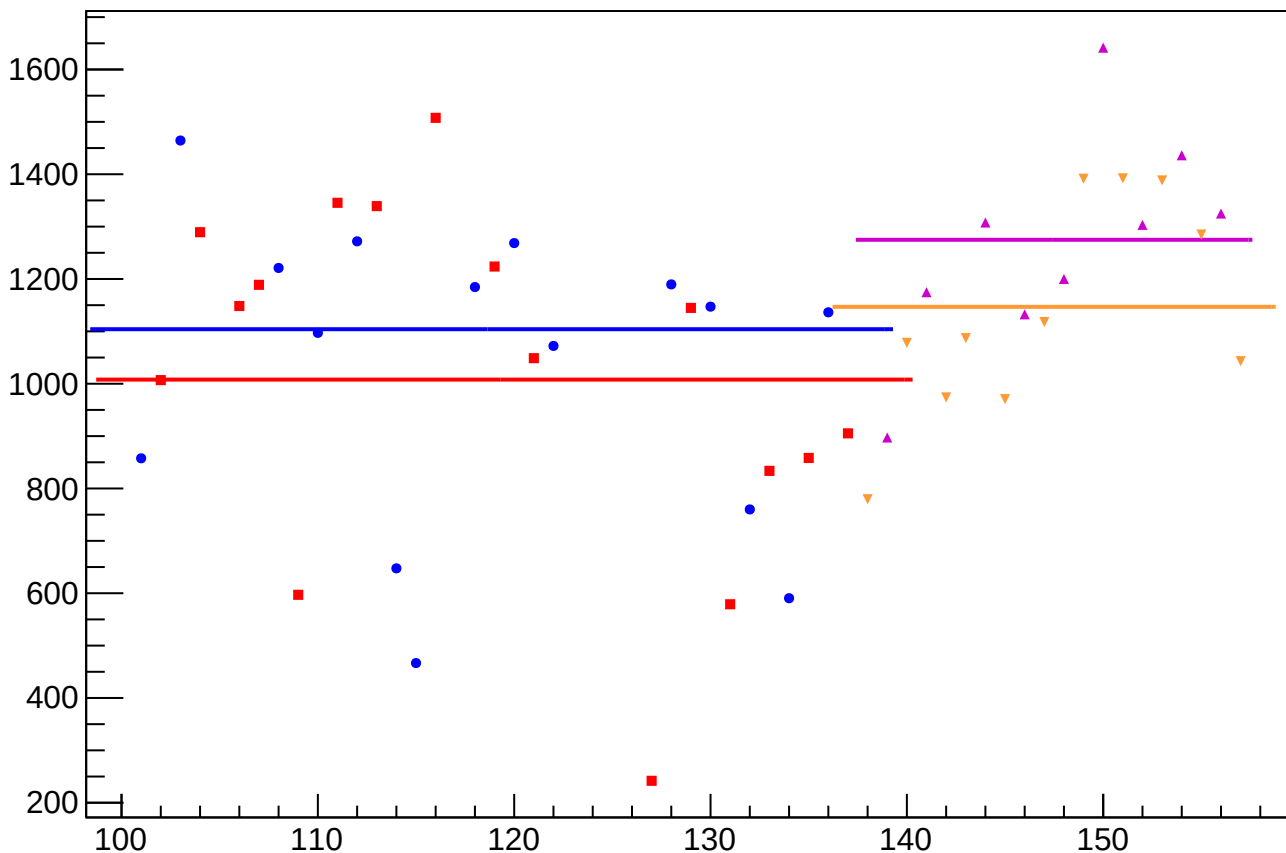
Right In: 0.839+/-0.000	χ^2/NDF : 258416025334615661521163083841536.0/14
Left Out: 0.393+/-0.000	χ^2/NDF : 7165687129871742170004969226240.0/10
Right Out: 0.844+/-0.000	χ^2/NDF : 252917509393432760240648918925312.0/15
Left In: 0.387+/-0.000	χ^2/NDF : 1572138613627909864656140763136.0/8

+ sign 0.587+/-0.000 χ^2/NDF : 33833119031901262

All: 0.593+/-0.000 χ^2/NDF : 6672548991623

- sign 0.599+/-0.000 χ^2/NDF : 32882180604023857

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

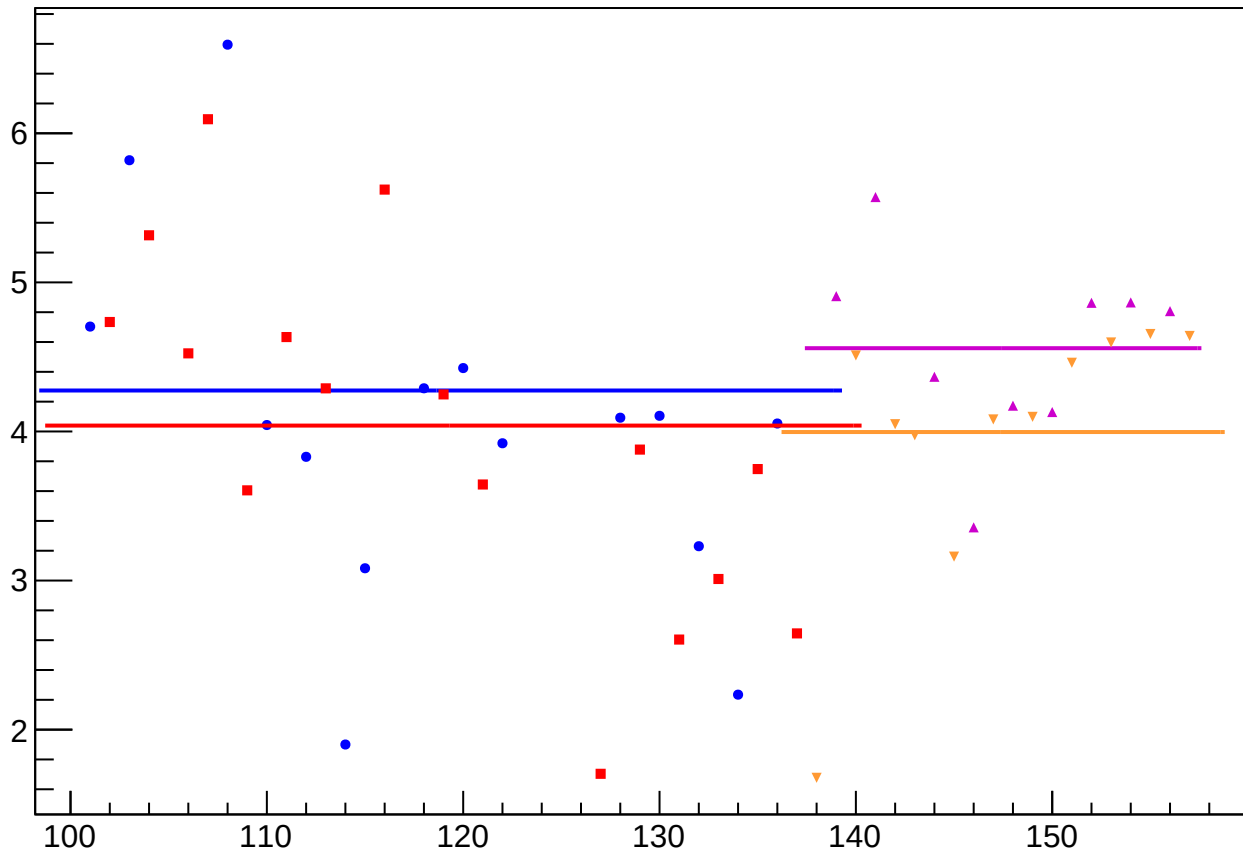
Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 3.996+/-0.000 χ^2/NDF : 614095408015001064538635801460736.0/10

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

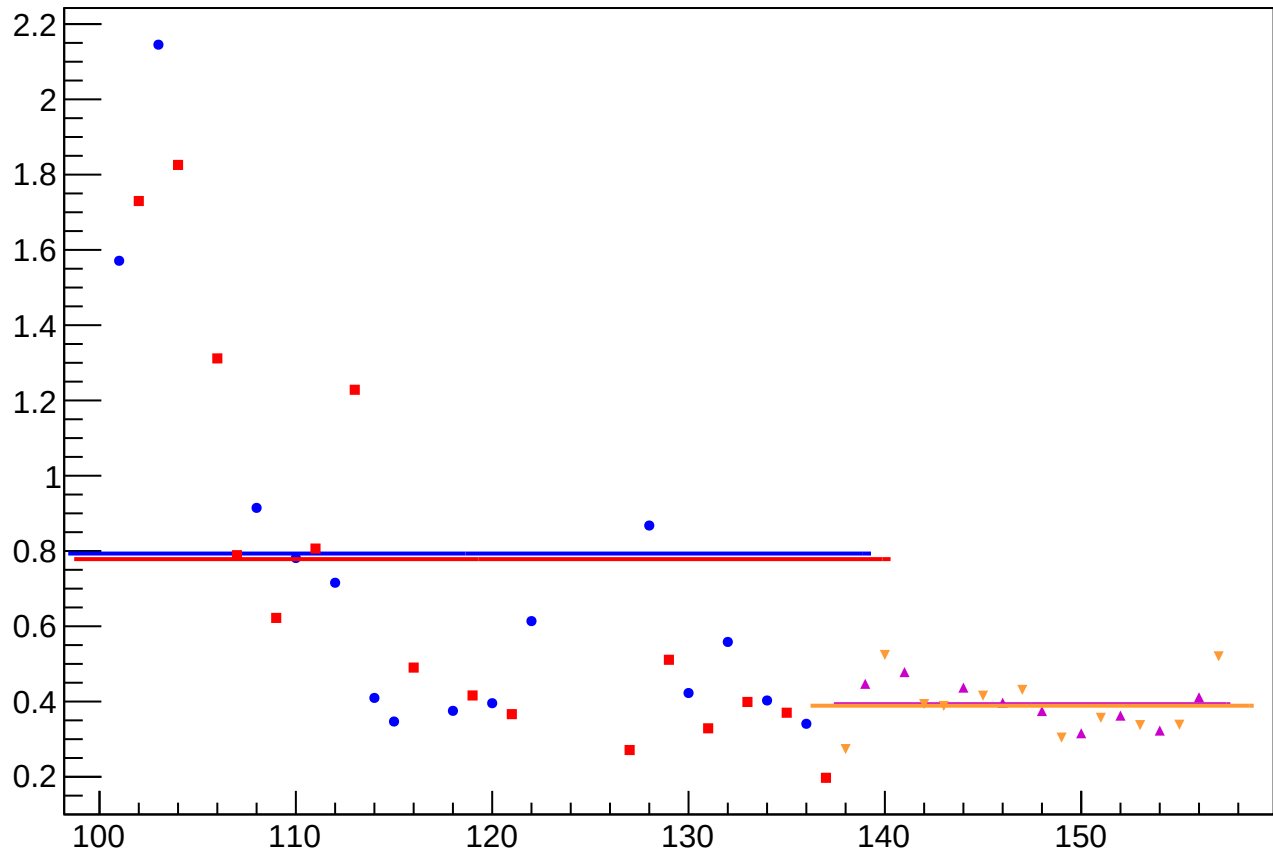
Left In: 4.559+/-0.000 χ^2/NDF : 270928618111964468140384213532672.0/8

+ sign 4.118+/-0.000 χ^2/NDF : 12396473327946325

All: 4.216+/-0.000 χ^2/NDF : 2408281927833

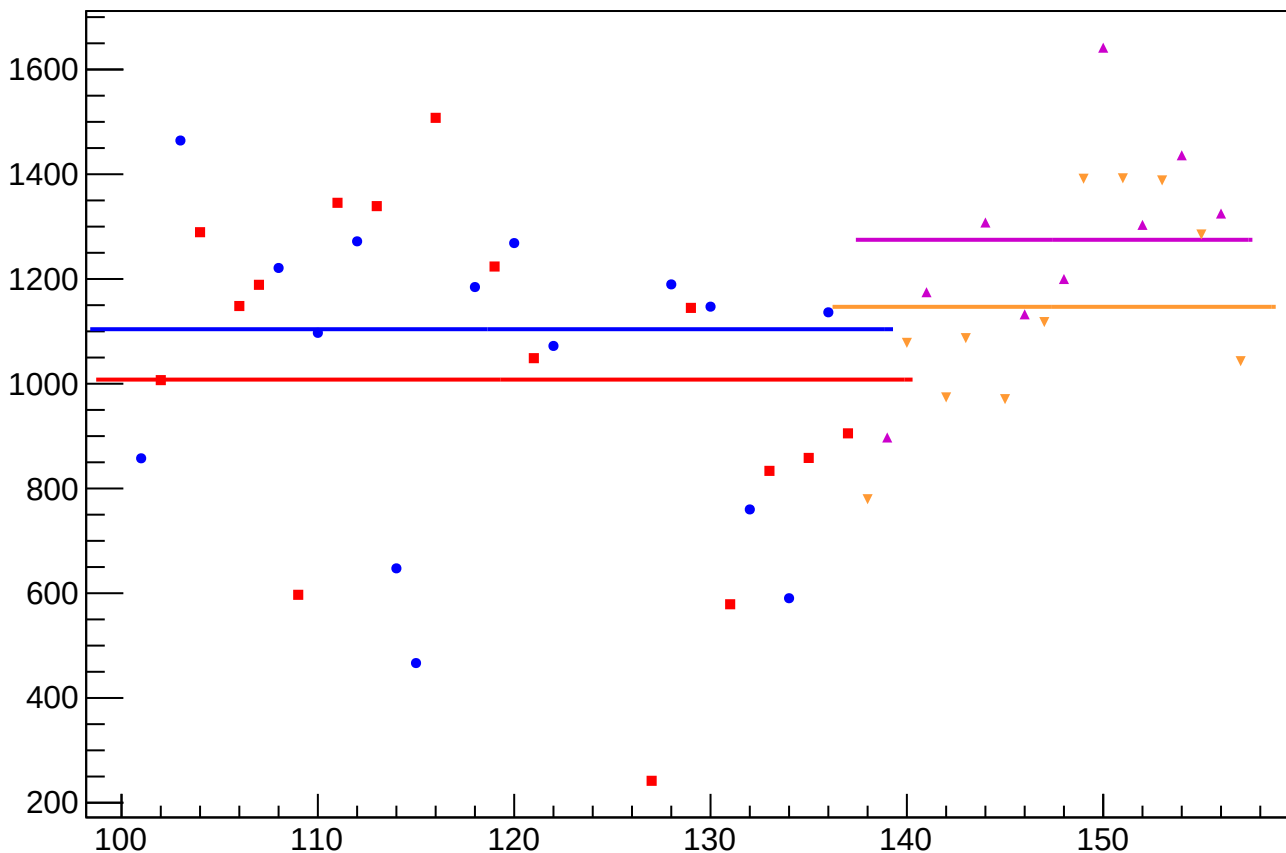
- sign 4.317+/-0.000 χ^2/NDF : 11395501598302558

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2 /NDF: 195508777173589483440314700005376.0/14
 Left Out: 0.389 $\pm$ 0.000 χ^2 /NDF: 5195670205892477545036141035520.0/10
 Right Out: 0.778 $\pm$ 0.000 χ^2 /NDF: 185814635772183306063903690063872.0/15
 Left In: 0.393 $\pm$ 0.000 χ^2 /NDF: 2145866674292853253950096277504.0/8
 All: 0.569 $\pm$ 0.000 χ^2 /NDF: 50154737300059
 + sign 0.565 $\pm$ 0.000 χ^2 /NDF: 26046094384036303
 - sign 0.572 $\pm$ 0.000 χ^2 /NDF: 24105590537701484

dit_4eY_coil3_Ndata_mean vs Slug



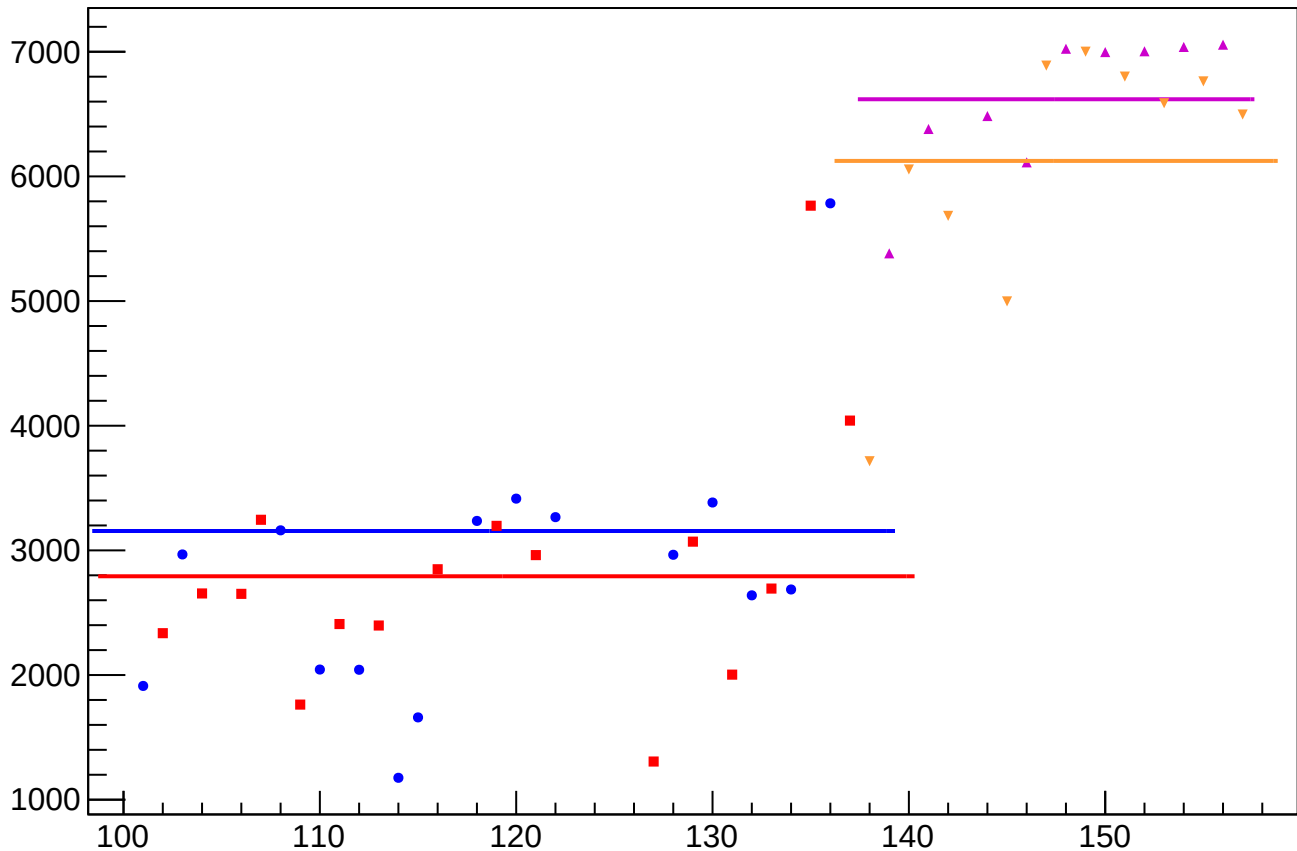
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1146.849 $\pm$ 0.000 χ^2 /NDF: 32103917825336641611882104630265511936.0/10

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

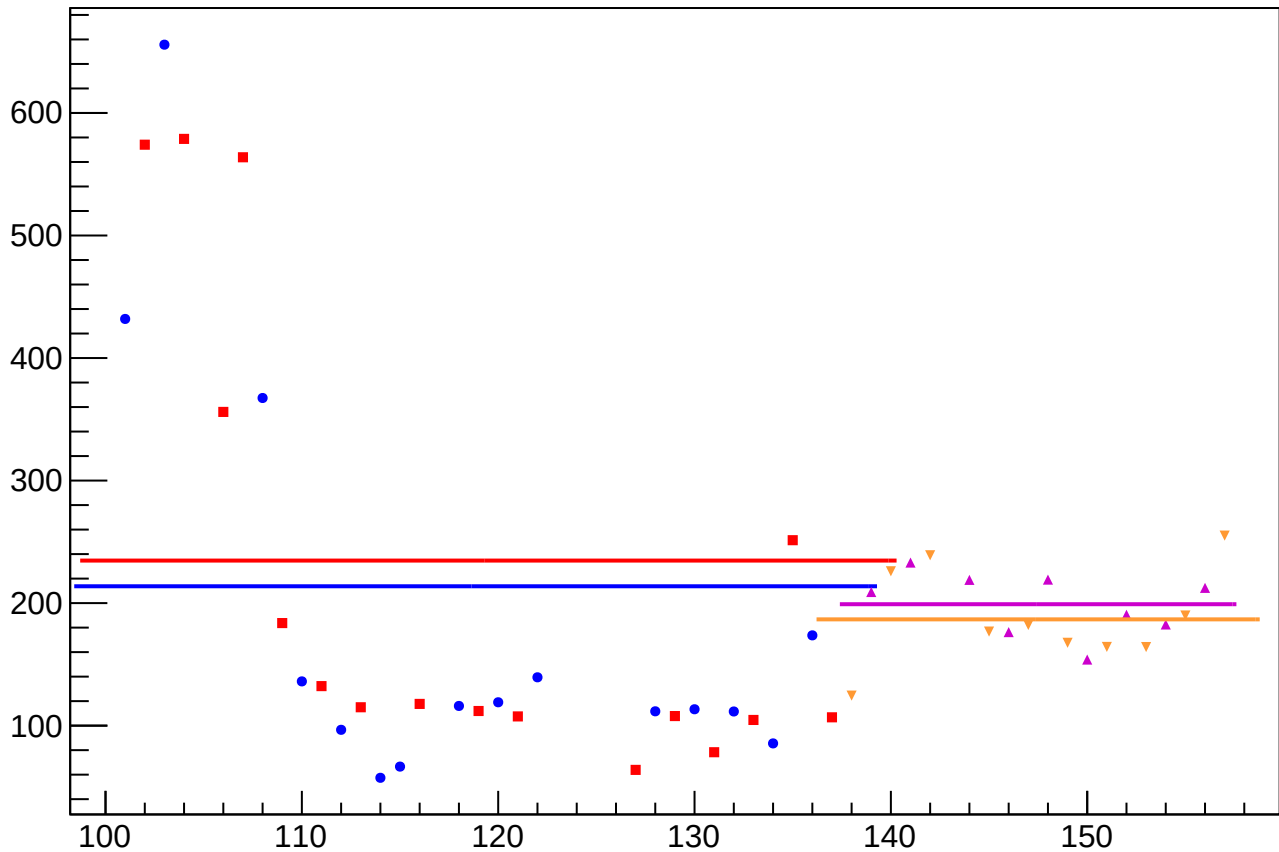
Left In: 1274.843 $\pm$ 0.000 χ^2 /NDF: 29473583312174738546687856575741165568.0/8

dit_usl_coil3_mean vs Slug



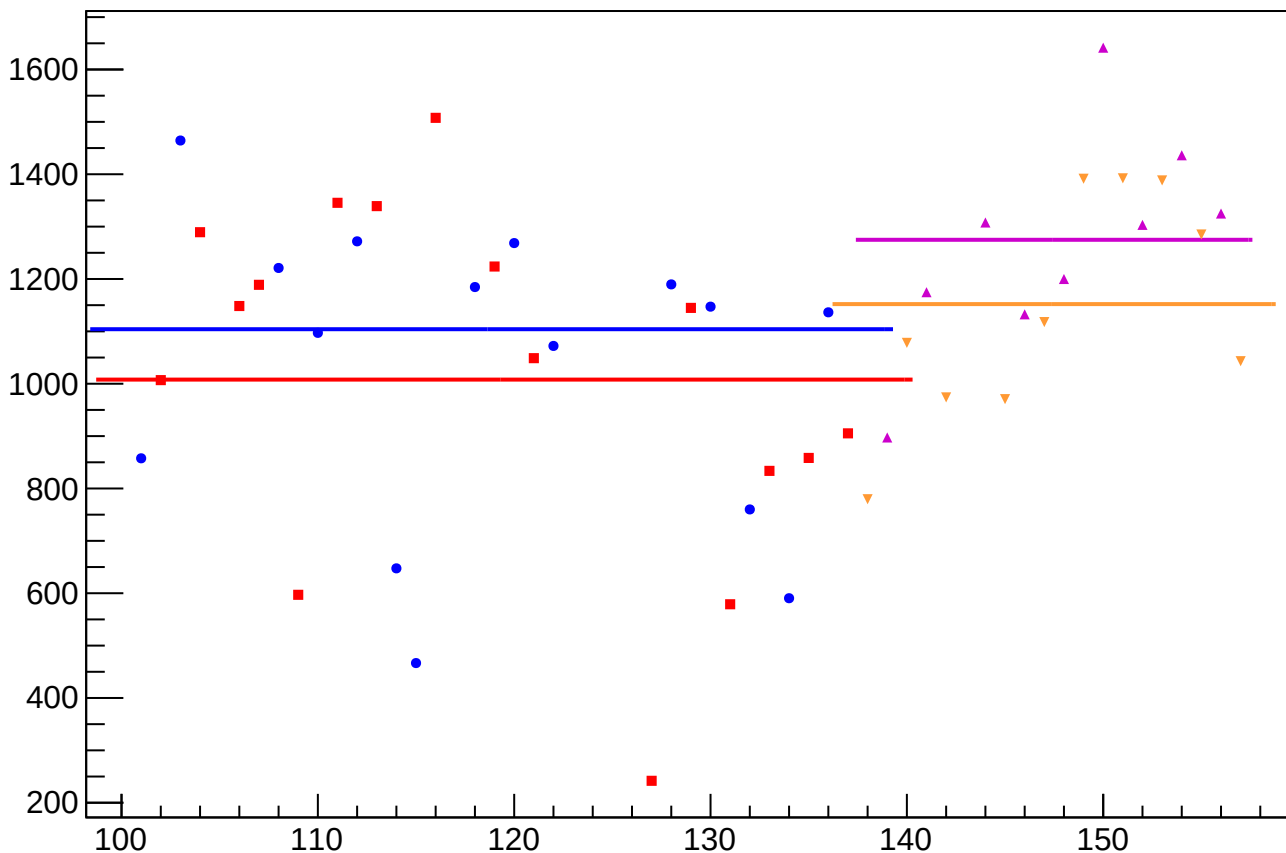
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6124.282+/-0.000 χ^2/NDF : 771956194237208029240433045569844281344.0/9
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6618.905+/-0.000 χ^2/NDF : 222191109683178892295910625126092111872.0/8

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 186.734+/-0.000 χ^2/NDF : 1046707237232137730135543709381427200.0/9
 Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: 199.099+/-0.000 χ^2/NDF : 448868807242355205128845568730202112.0/8

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

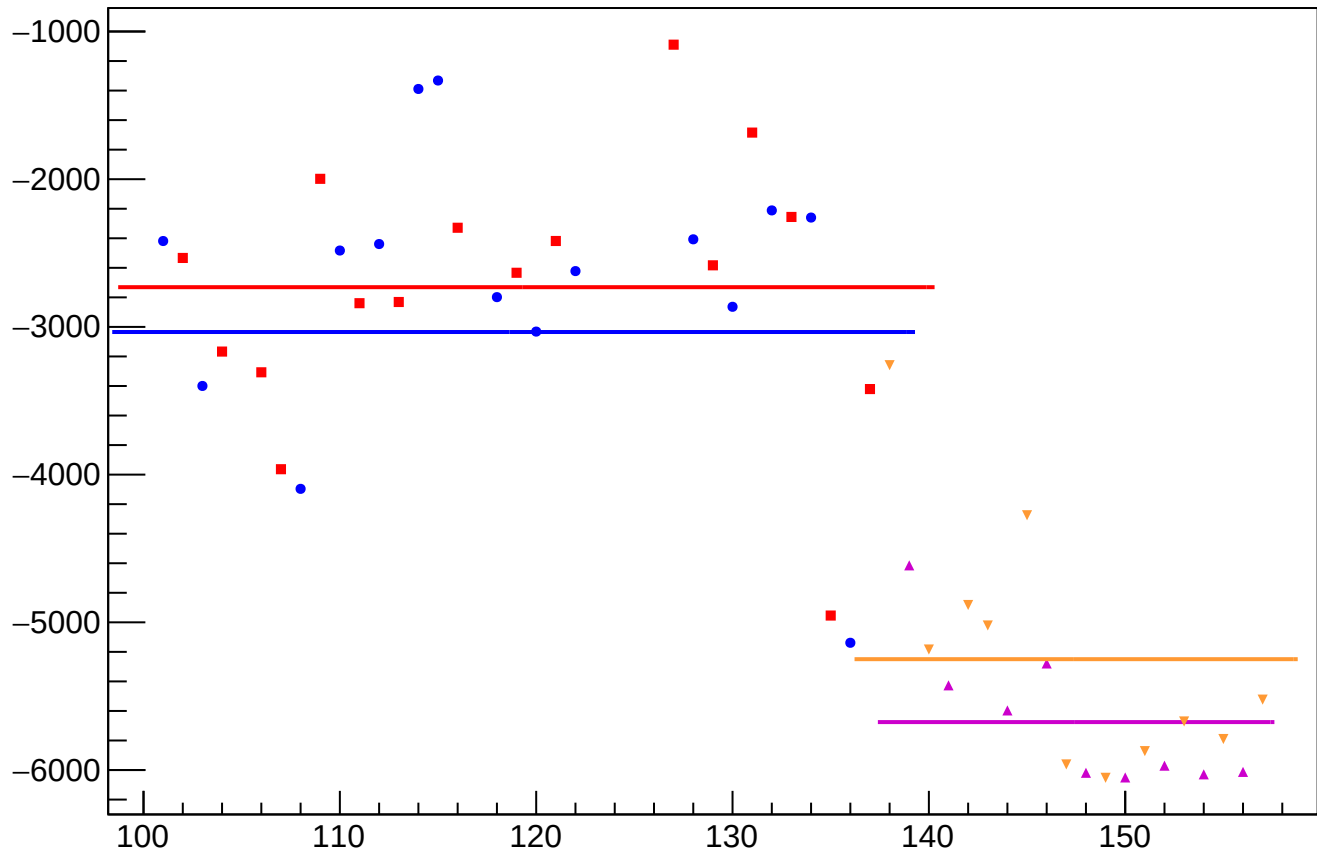
Left Out: 1152.052+/-0.000 χ^2/NDF : 31843564476350531801120211118030061568.0/9

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

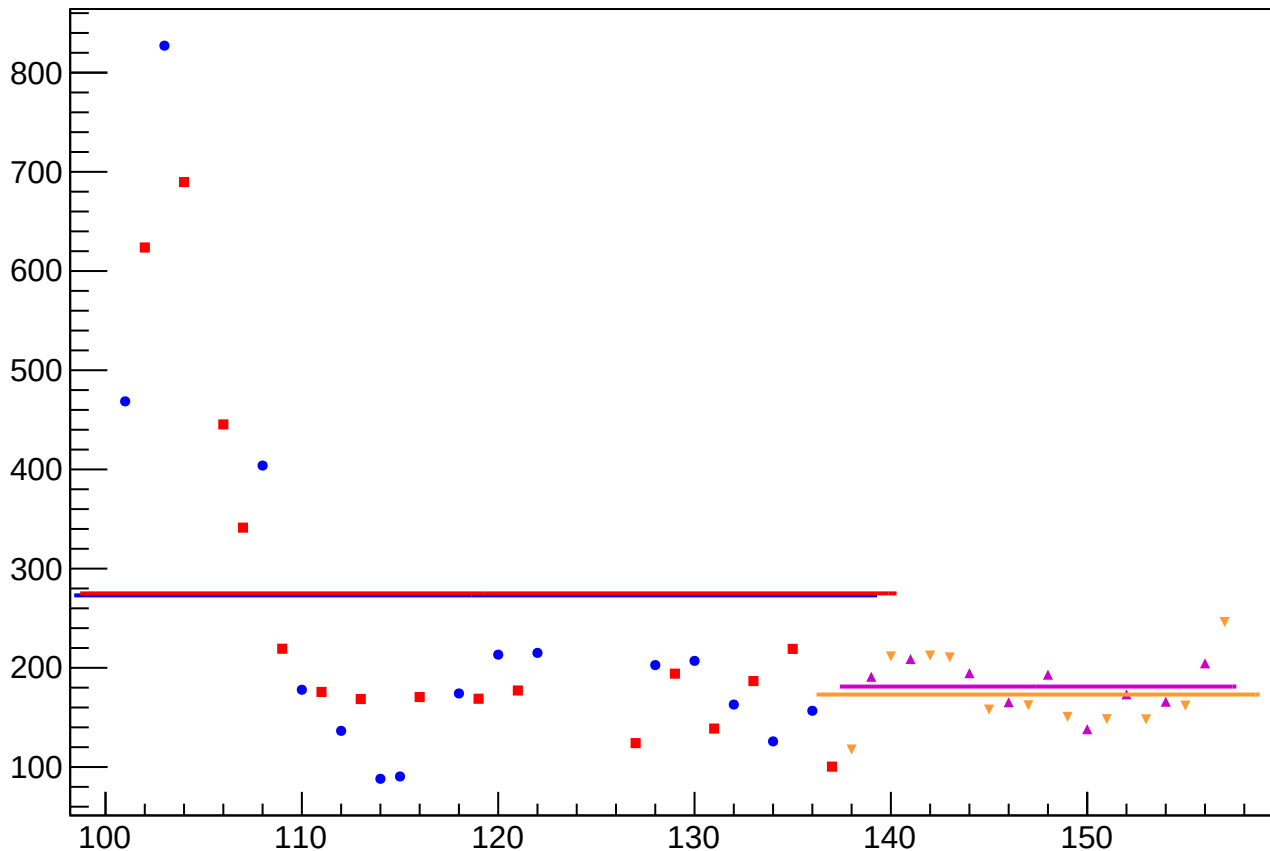
All: 1140.552+/-0.000 χ^2/NDF : 18970058857

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: -5675.361+/-0.000 χ^2/NDF : 160561328400340922921069118834220204032.0/8

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 173.076+/-0.000 χ^2/NDF : 1129400015255245960552727292428681216.0/10

Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

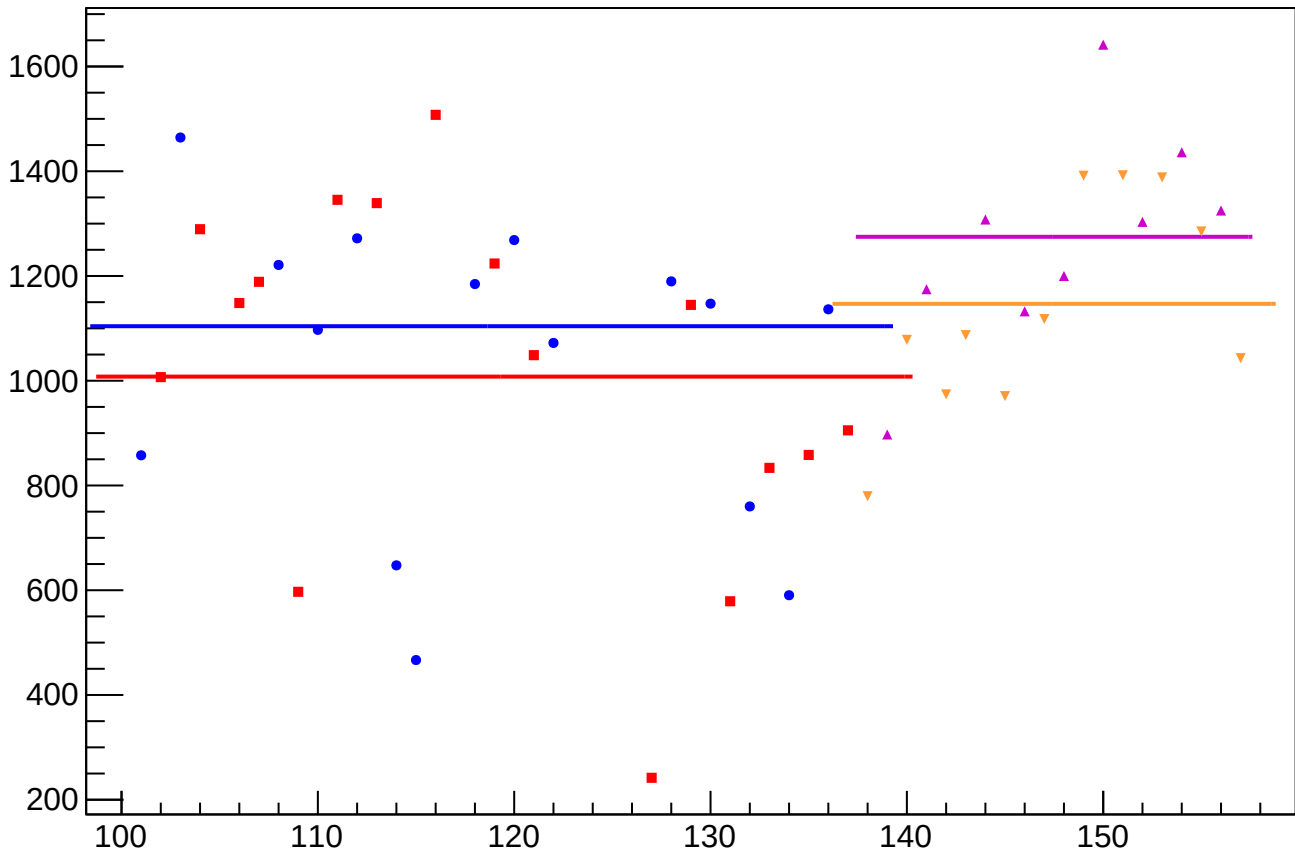
Left In: 181.098+/-0.000 χ^2/NDF : 360164844526992269305784404665171968.0/8

+ sign 216.734+/-0.000 χ^2/NDF : 312681514502342

All: 220.666+/-0.000 χ^2/NDF : 570922927232

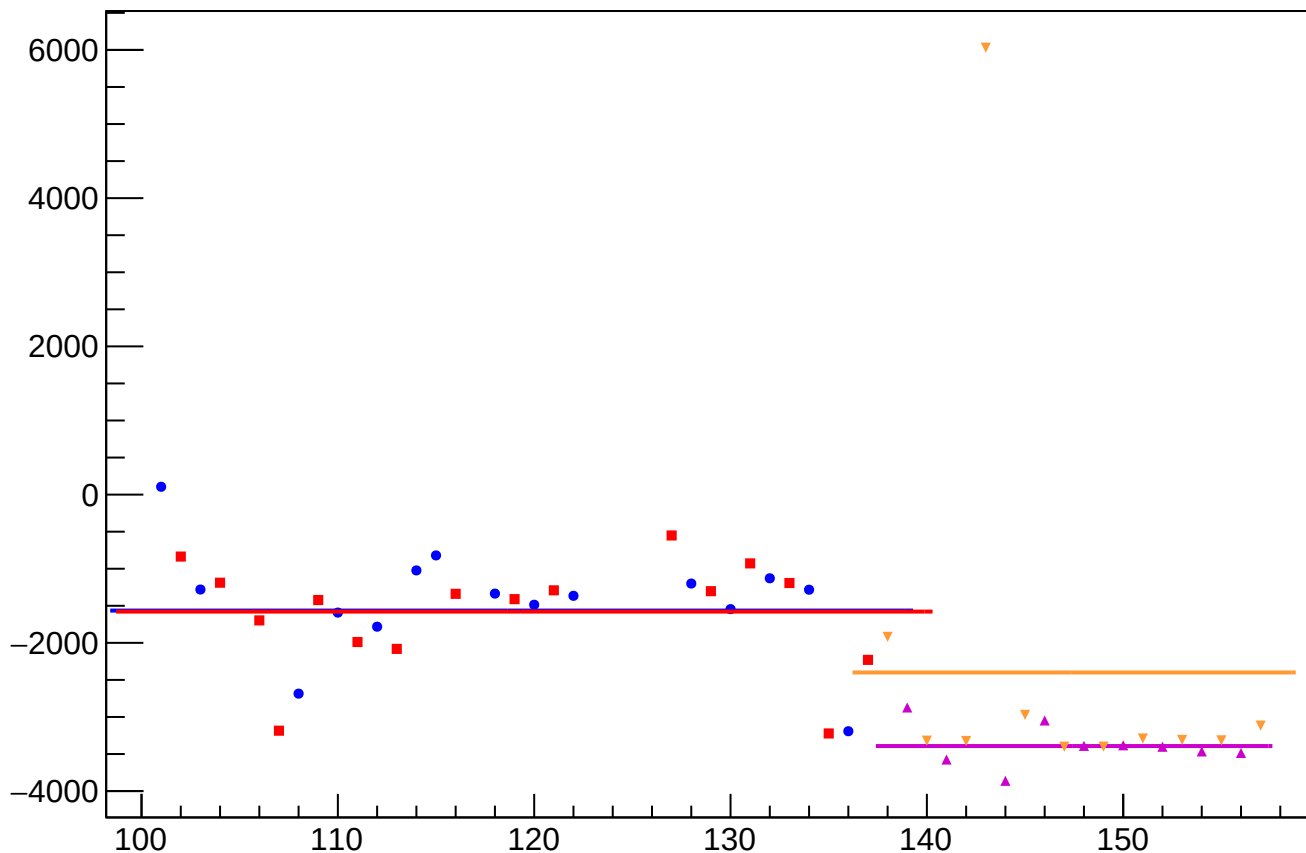
- sign 224.734+/-0.000 χ^2/NDF : 257773985115474

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: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

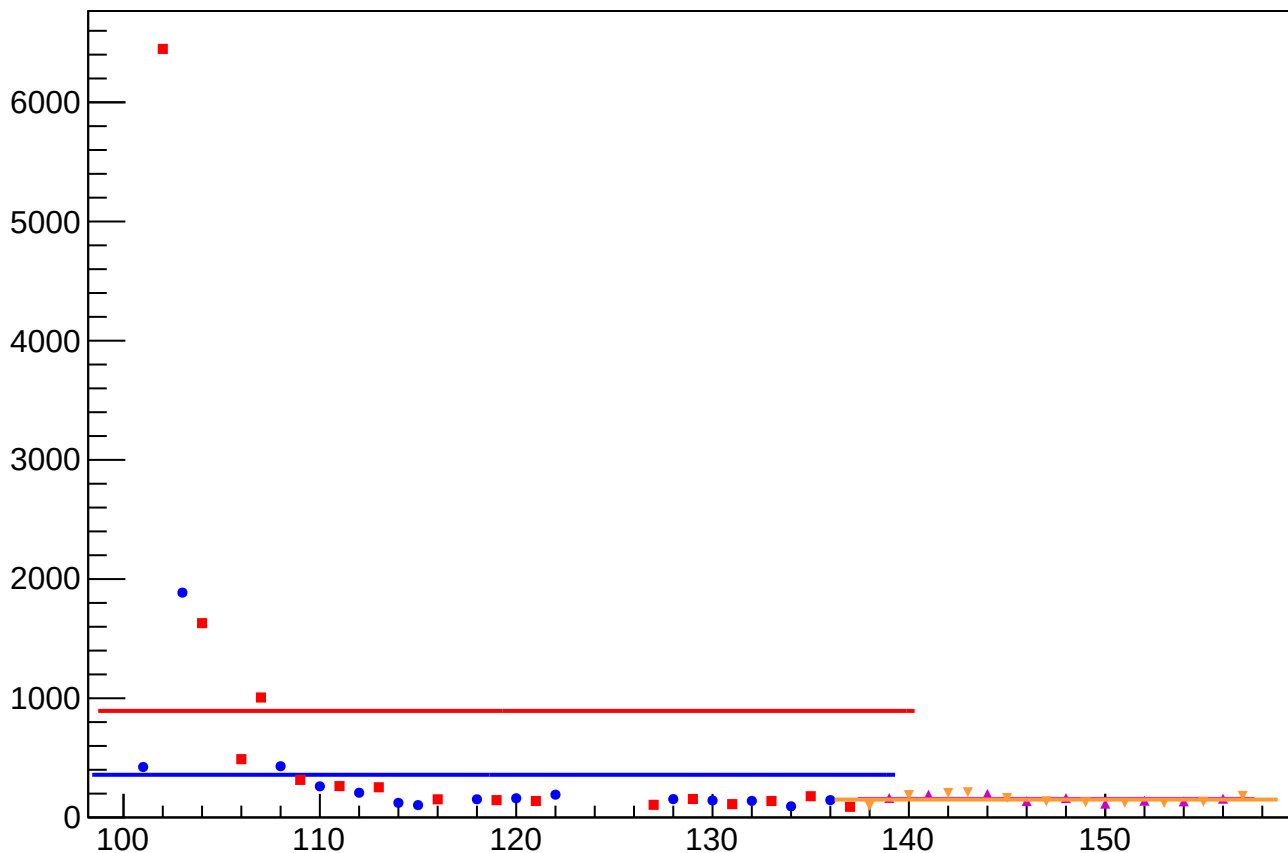
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2399.531+/-0.000	χ^2/NDF : 5315856052555400666600950075486210359296.0/10
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3392.275+/-0.000	χ^2/NDF : 55380603762151686037634625247970852864.0/8

+ sign -2034.879+/-0.000 χ^2/NDF : 6054564823497
 All: -2287.862+/-0.000 χ^2/NDF : 7847407977
 - sign -2549.655+/-0.000 χ^2/NDF : 15993211710122

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

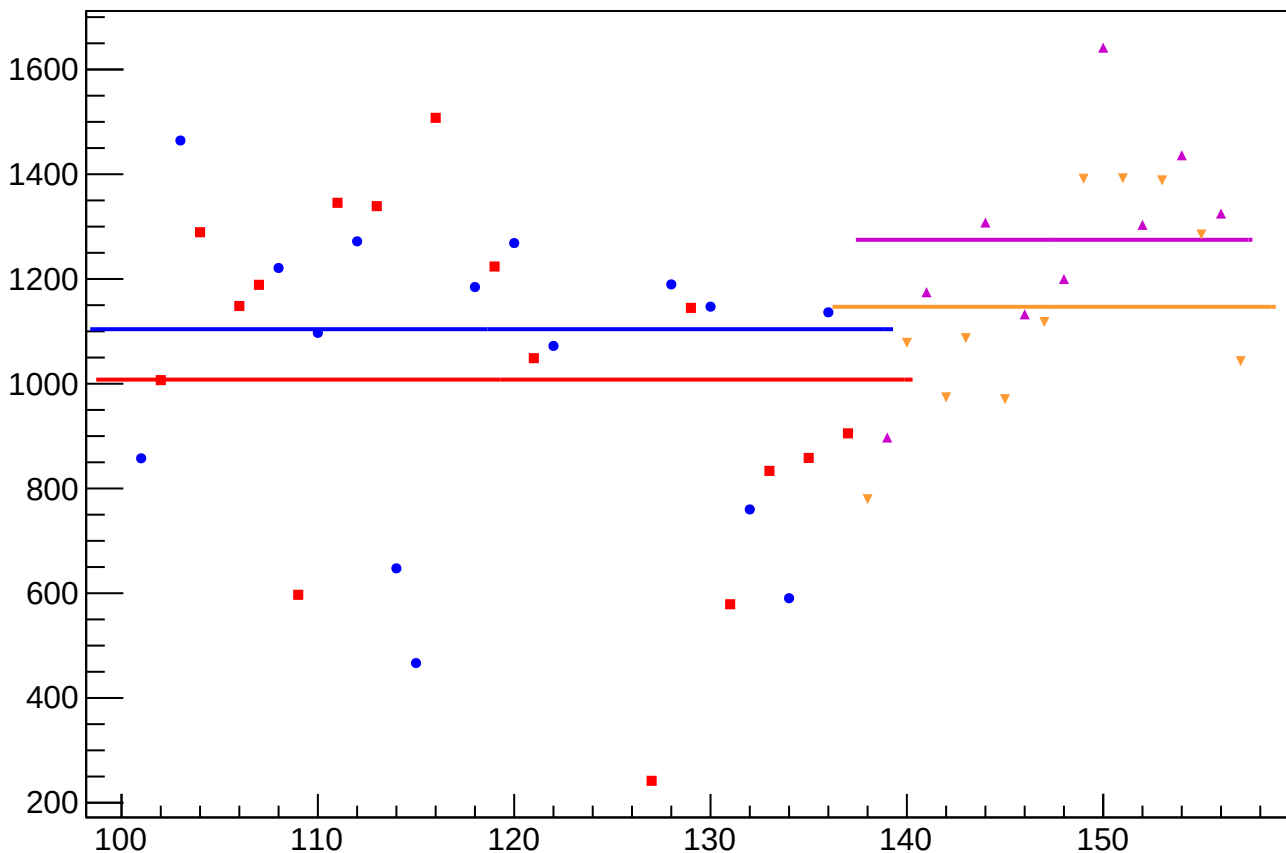
Left In: 155.448+/-0.000 χ^2/NDF : 499583200212025604705603314992021504.0/8

+ sign 240.842+/-0.000 χ^2/NDF : 174792006800036

All: 367.440+/-0.000 χ^2/NDF : 249445077304

- sign 498.446+/-0.000 χ^2/NDF : 227119701175807

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1146.849 $\pm$ 0.000 χ^2 /NDF: 32103917825336641611882104630265511936.0/10

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

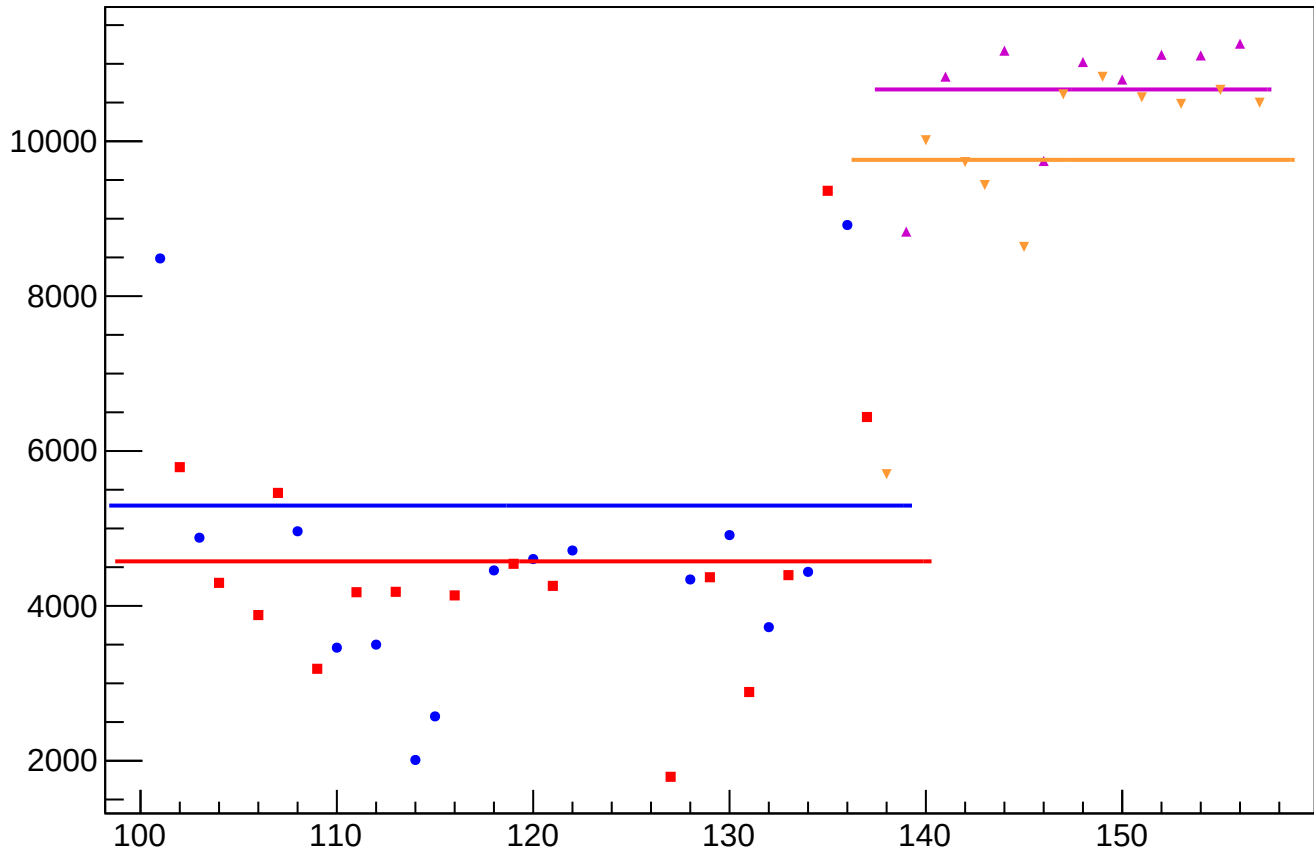
Left In: 1274.843 $\pm$ 0.000 χ^2 /NDF: 29473583312174738546687856575741165568.0/8

+ sign 1128.184 $\pm$ 0.000 χ^2 /NDF: 65509473218234

All: 1139.325 $\pm$ 0.000 χ^2 /NDF: 18988790582

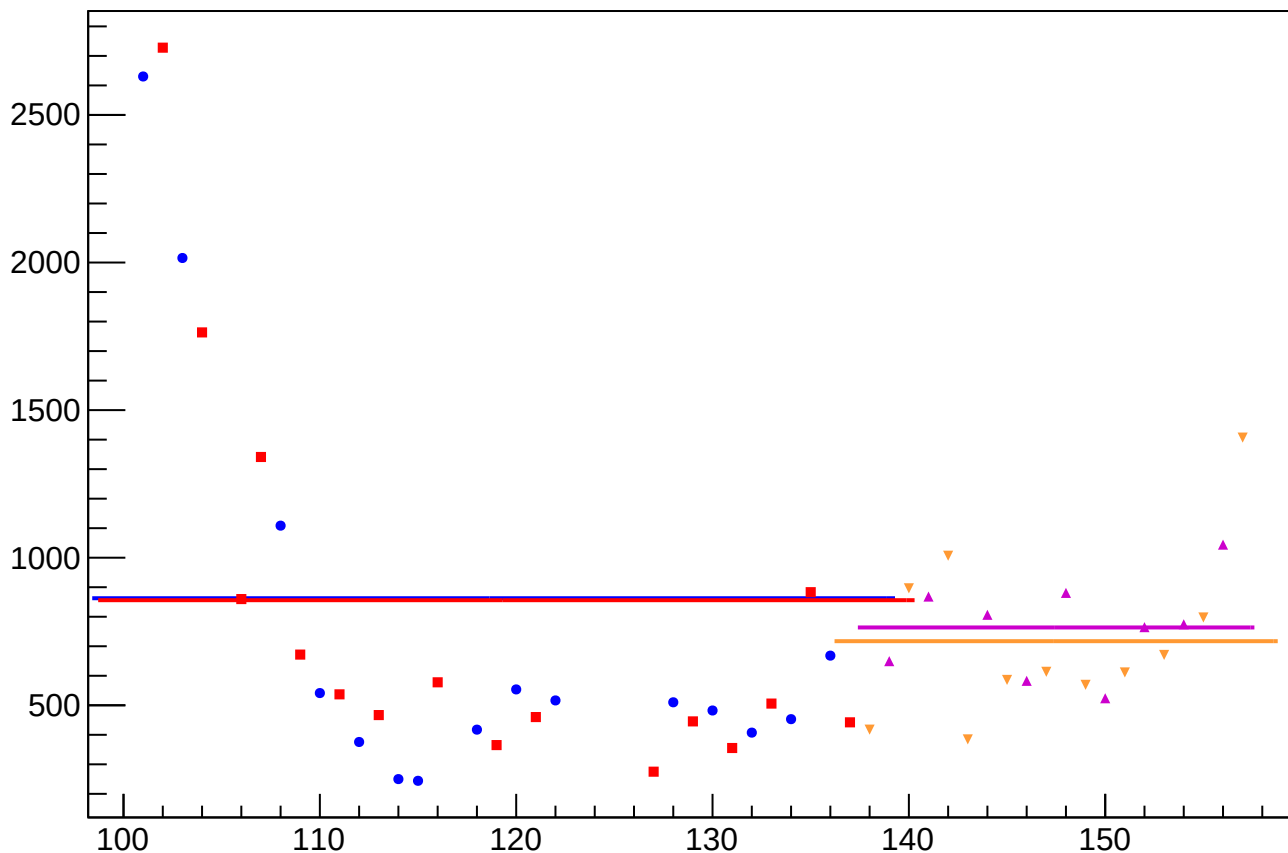
- sign 1150.854 $\pm$ 0.000 χ^2 /NDF: 12400309289306

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: 10669.054+/-0.000 χ^2/NDF : 443036933006202099617658822671858663424.0/8

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

+ sign 780.730+/-0.000 χ^2/NDF : 409545652163996

Left Out: 717.185+/-0.000 χ^2/NDF : 64122969389736103313726761312236601344.0/10

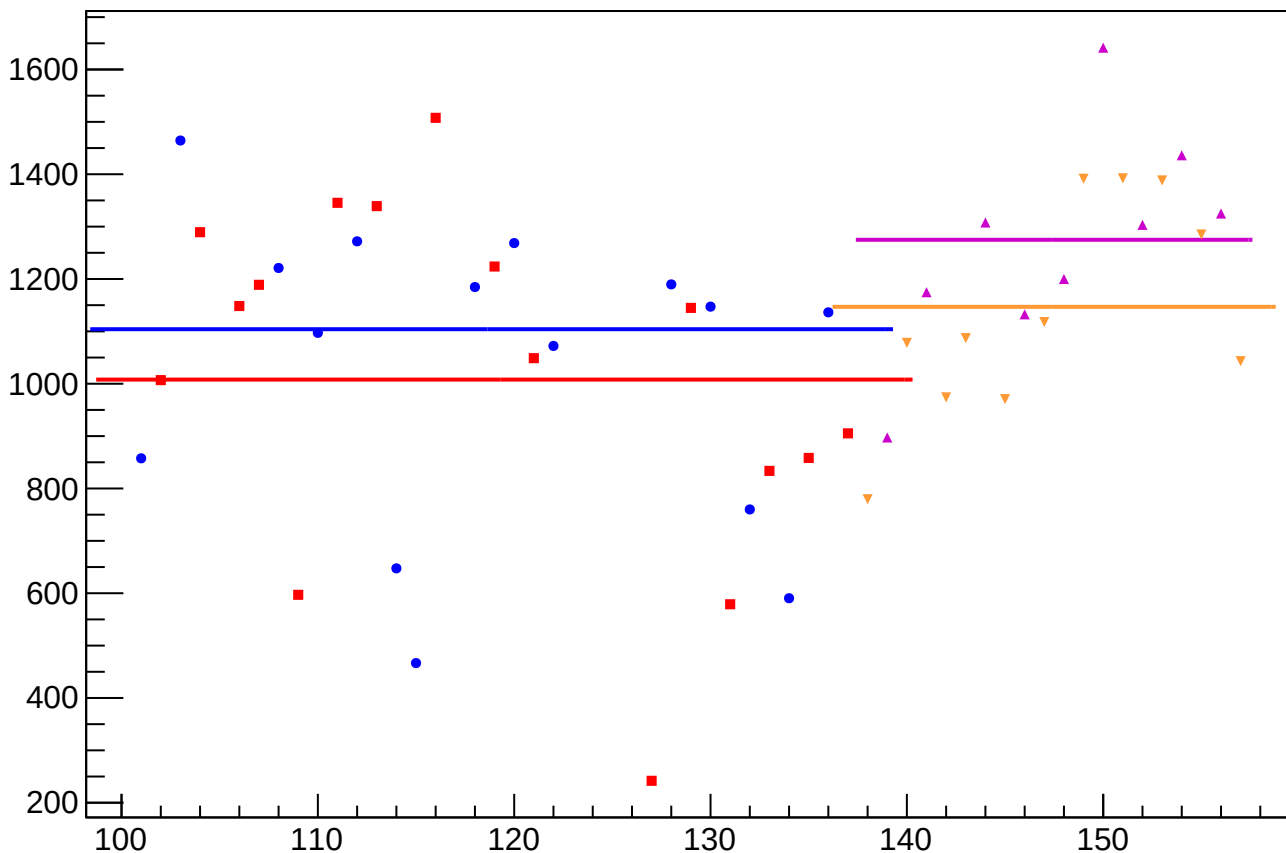
All: 793.434+/-0.000 χ^2/NDF : 757839132849

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

- sign 806.581+/-0.000 χ^2/NDF : 347805442908551

Left In: 763.666+/-0.000 χ^2/NDF : 17561104642898693685520322114713812992.0/8

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

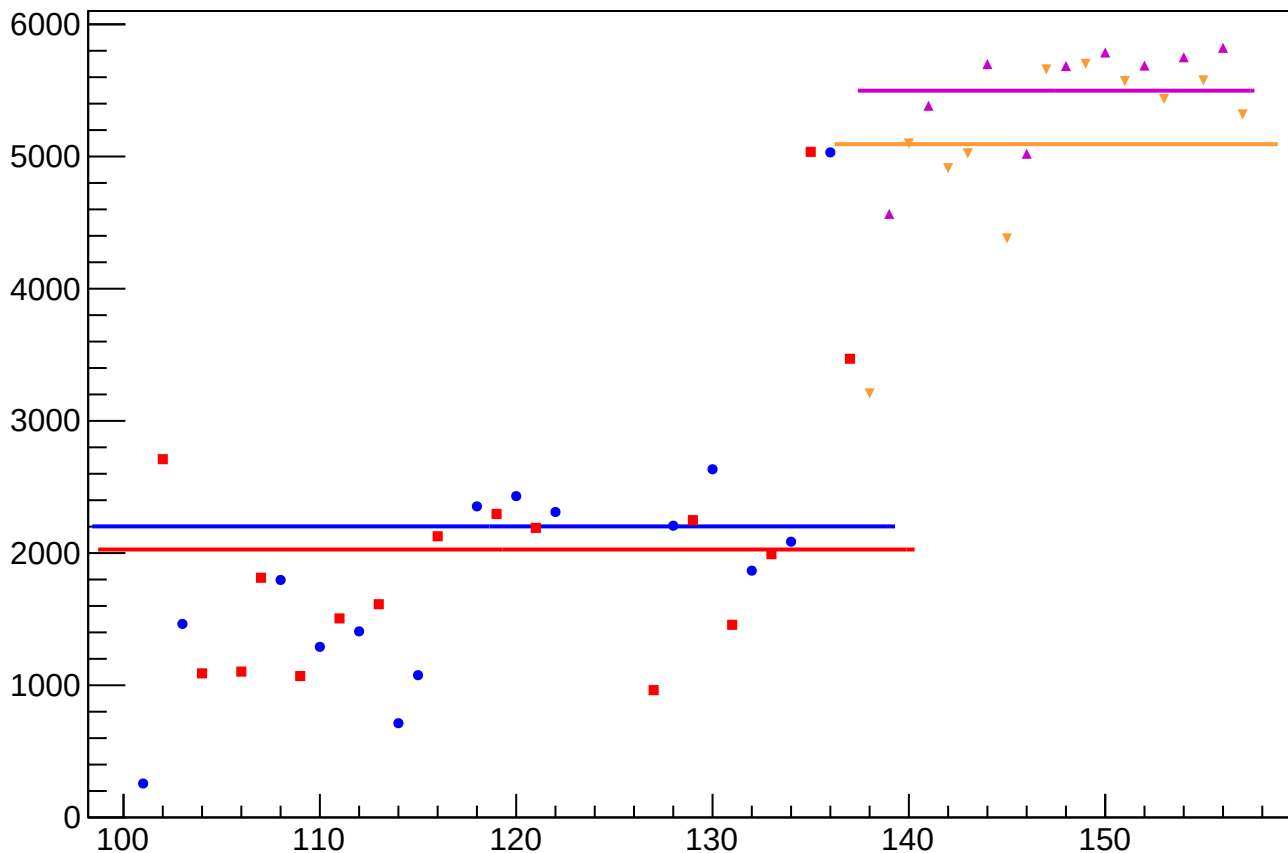
Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

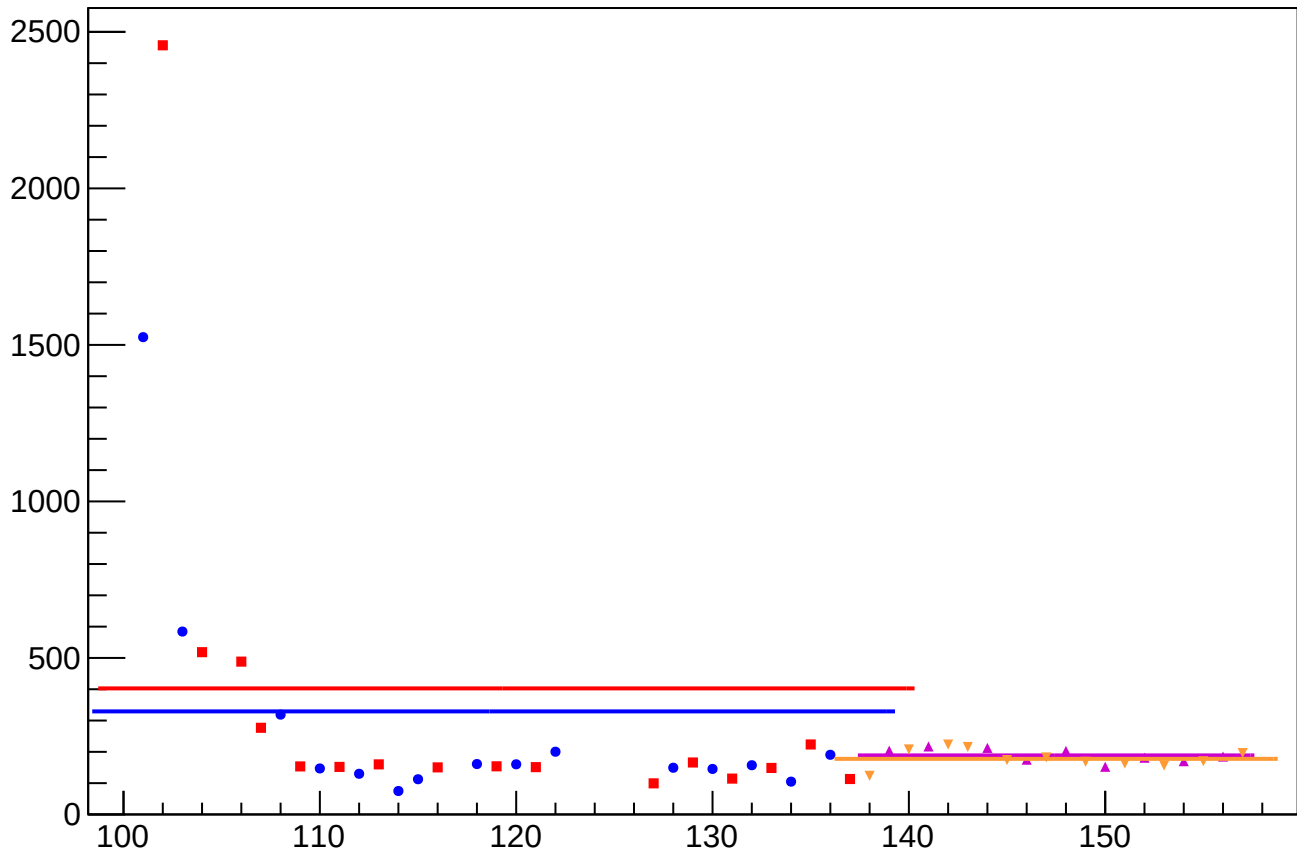
- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000	χ^2/NDF : 1086544775216266395419904724422998622208.0/14	+ sign 3830.499+/-0.000	χ^2/NDF : 45692652610758
Left Out: 5093.339+/-0.000	χ^2/NDF : 426417305277345891343906076160417595392.0/10	All: 3857.700+/-0.000	χ^2/NDF : 97057269836
Right Out: 2026.969+/-0.000	χ^2/NDF : 708626456603410705124518299956645199872.0/15	- sign 3885.849+/-0.000	χ^2/NDF : 51342244023911
Left In: 5498.167+/-0.000	χ^2/NDF : 121753301933821752550484063646128275456.0/8		

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

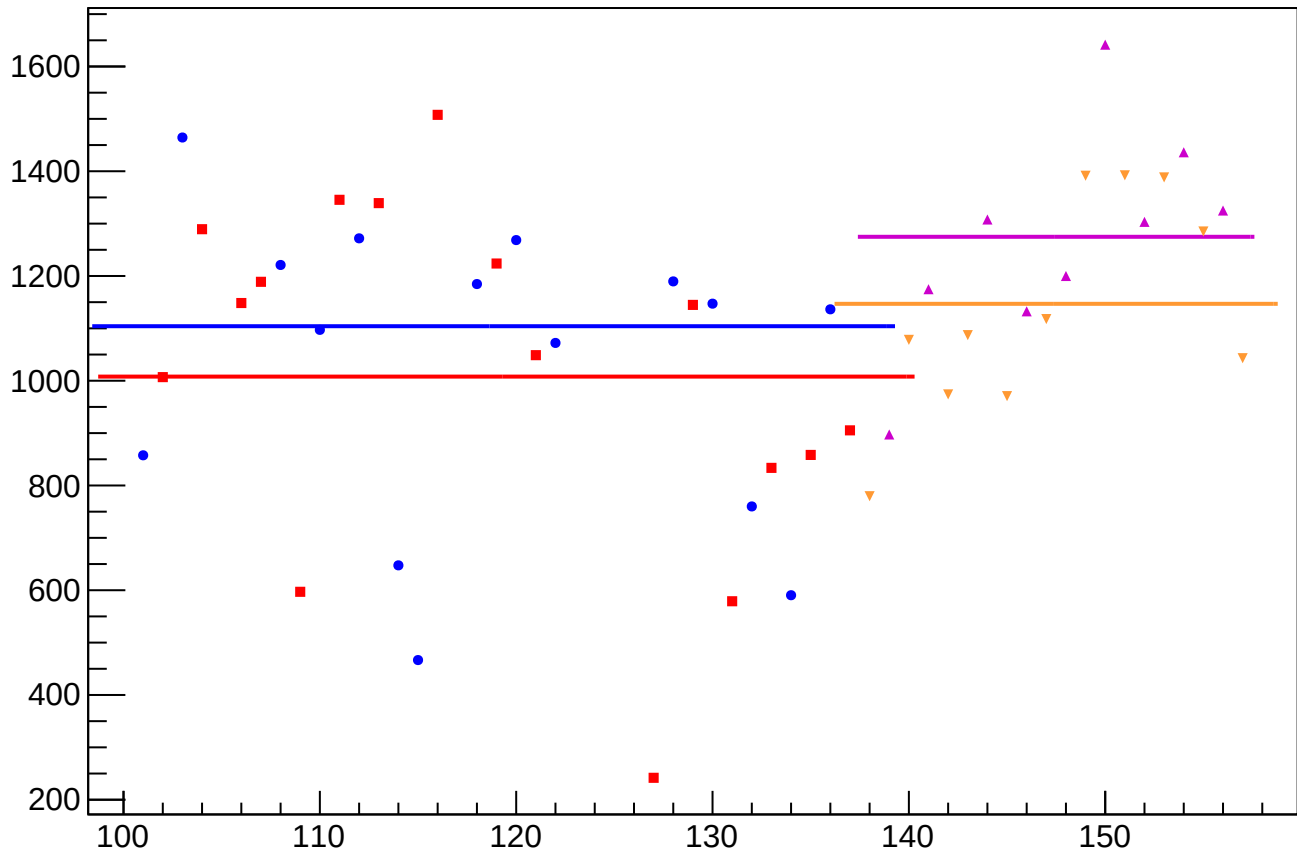
Left In: 188.629+/-0.000 χ^2/NDF : 327853607343730039981215492197056512.0/8

+ sign 243.842+/-0.000 χ^2/NDF : 112277935202530

All: 265.571+/-0.000 χ^2/NDF : 408036738415

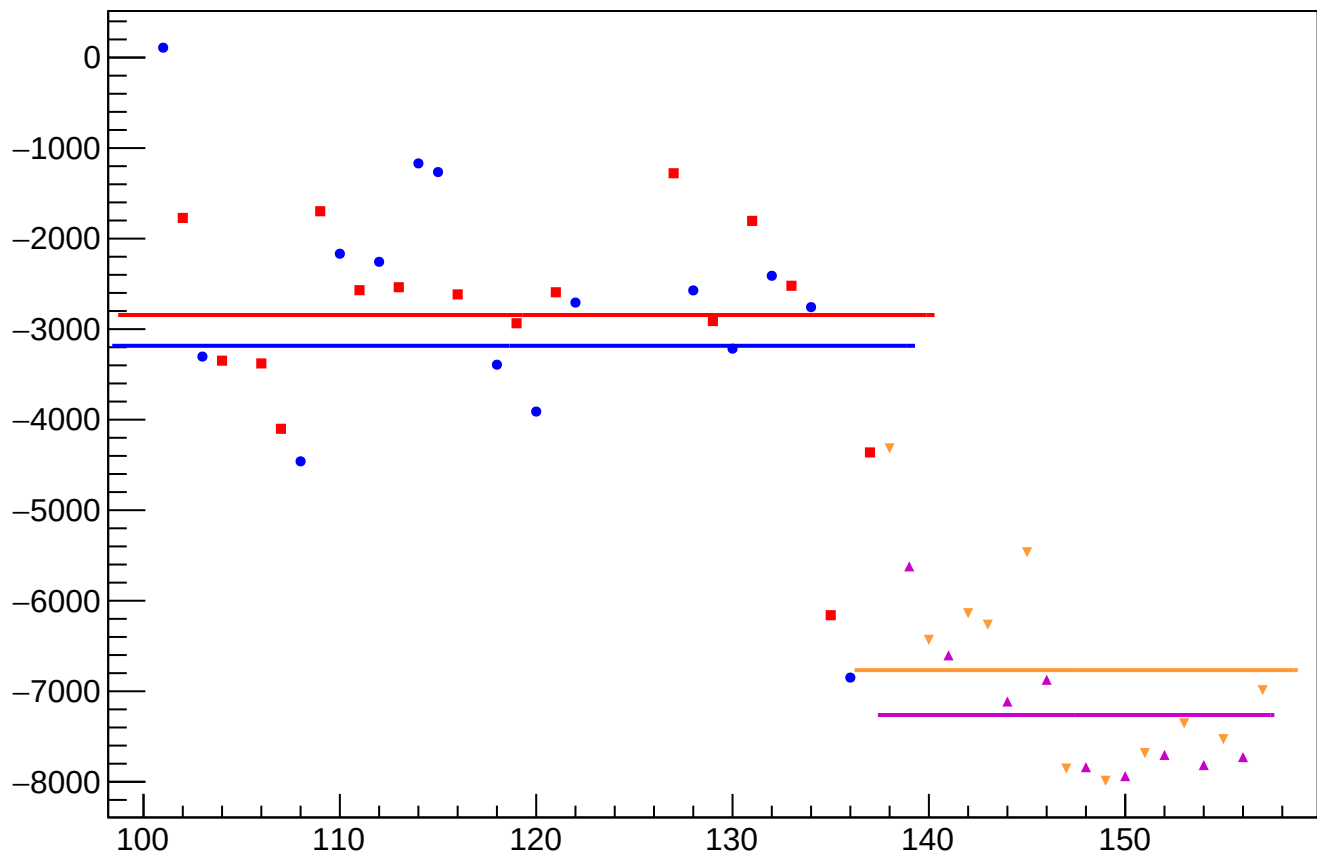
- sign 288.057+/-0.000 χ^2/NDF : 294331138798657

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849 $\pm$ 0.000 χ^2 /NDF: 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1274.843 $\pm$ 0.000 χ^2 /NDF: 29473583312174738546687856575741165568.0/8

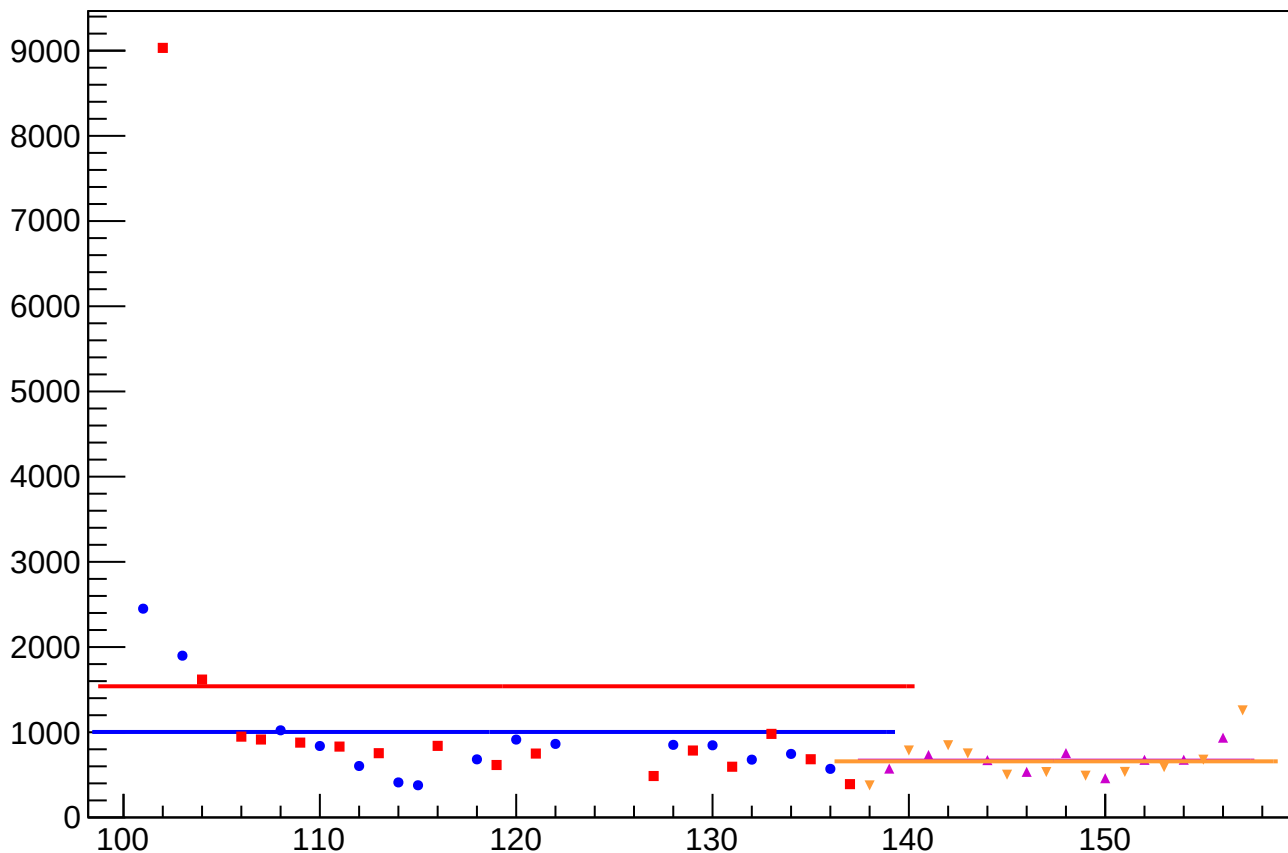
dit_atr2_coil3_mean vs Slug



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: -7262.202+/-0.000	χ^2/NDF : 400530221923941068088855967263061180416.0/8

+ sign -5201.854+/-0.000 χ^2/NDF : 7838600689471
 All: -5205.772+/-0.000 χ^2/NDF : 1616003324
 - sign -5209.827+/-0.000 χ^2/NDF : 8321386121421

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

+ sign 809.212+/-0.000 χ^2/NDF : 308522820924086

Left Out: 658.635+/-0.000 χ^2/NDF : 45255167784798939453451749166036287488.0/10

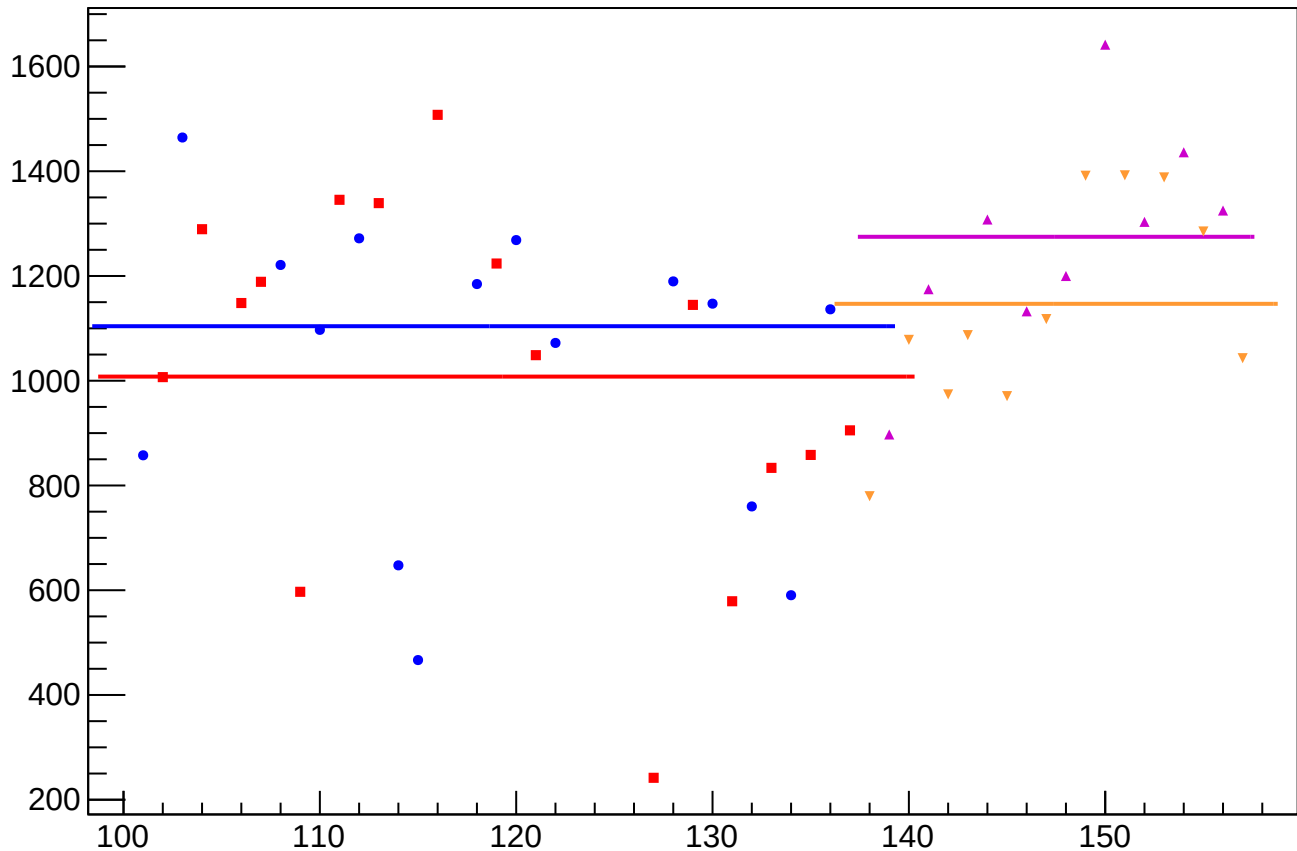
All: 938.435+/-0.000 χ^2/NDF : 42587847456

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

- sign 1072.158+/-0.000 χ^2/NDF : 38997694161360

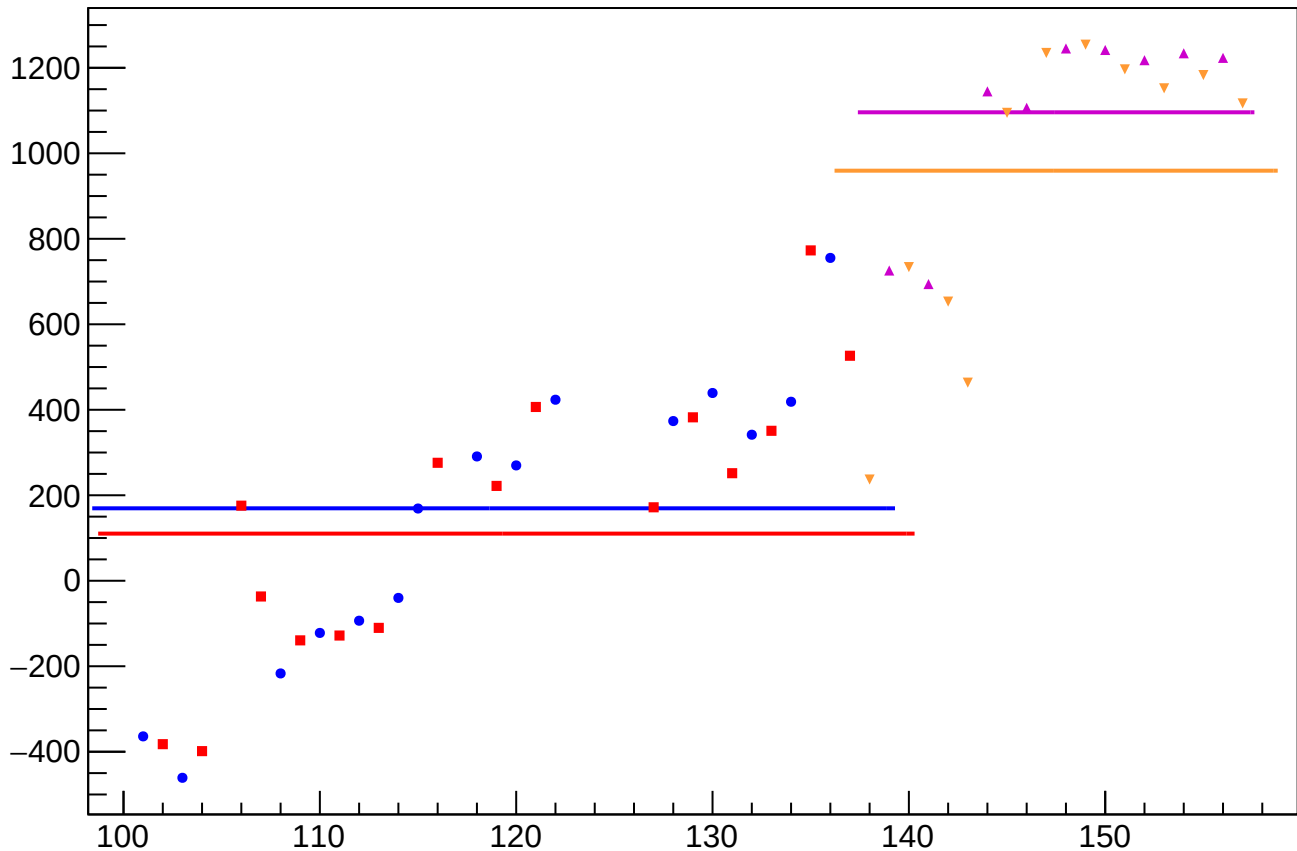
Left In: 666.746+/-0.000 χ^2/NDF : 12881609144889078826716646462881529856.0/8

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1146.849 $\pm$ 0.000 χ^2 /NDF: 32103917825336641611882104630265511936.0/10
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1274.843 $\pm$ 0.000 χ^2 /NDF: 29473583312174738546687856575741165568.0/8

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

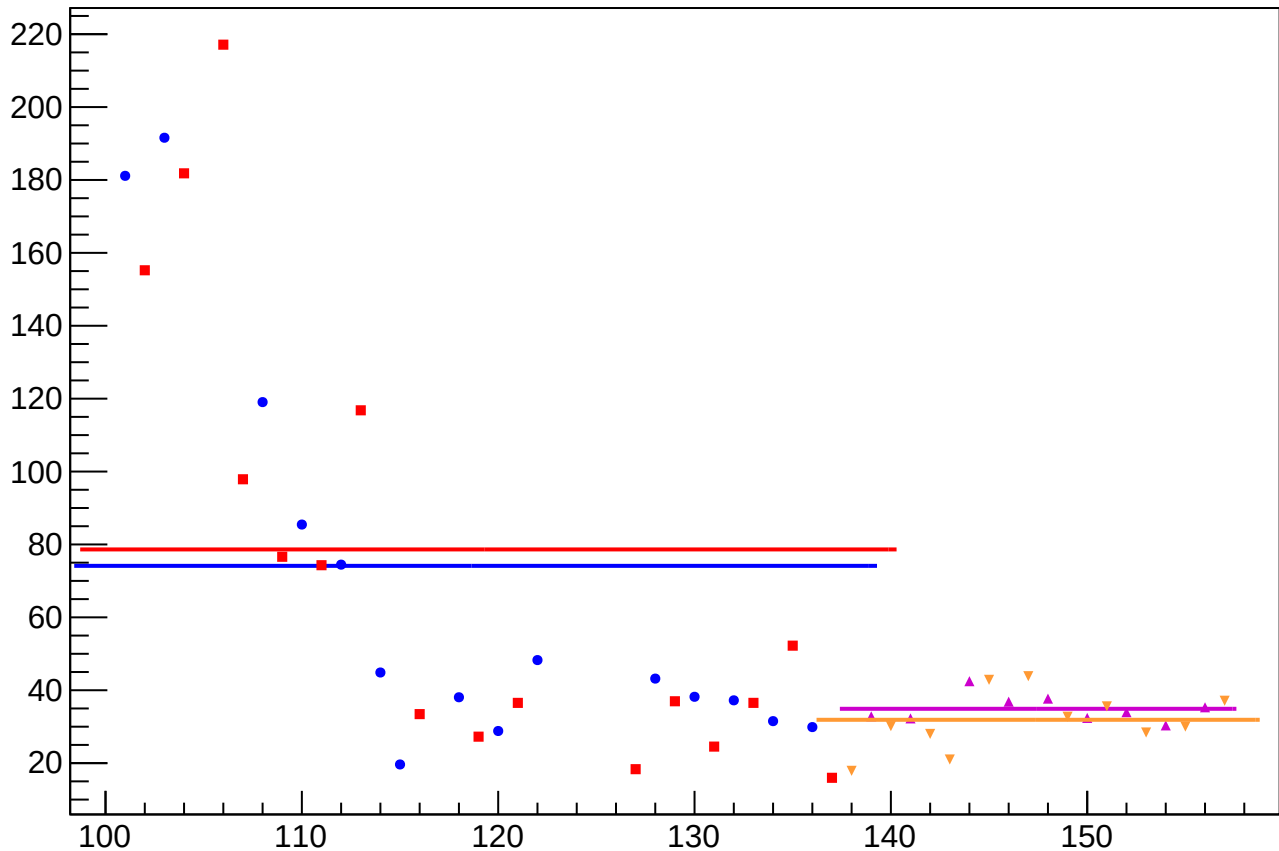
Left In: 1095.937+/-0.000 χ^2/NDF : 33139785351814553853927162153929801728.0/8

+ sign 614.386+/-0.000 χ^2/NDF : 417326598817697

All: 626.050+/-0.000 χ^2/NDF : 869658497730

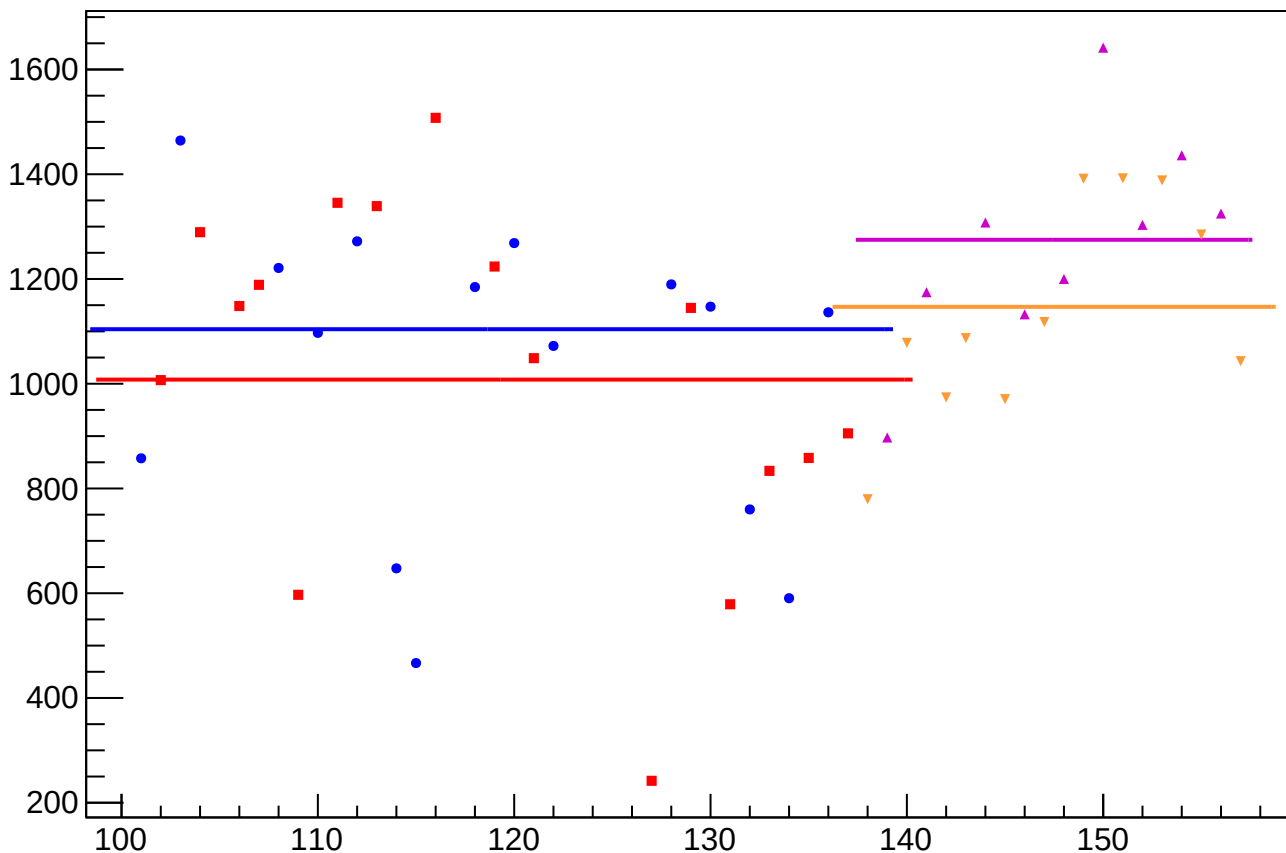
- sign 638.119+/-0.000 χ^2/NDF : 451920586927870

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129 $\pm$ 0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 31.893 $\pm$ 0.000 χ^2/NDF : 49651077912140579552727779076210688.0/10
 Right Out: 78.633 $\pm$ 0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: 34.908 $\pm$ 0.000 χ^2/NDF : 9516447064088111792113265913364480.0/8

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

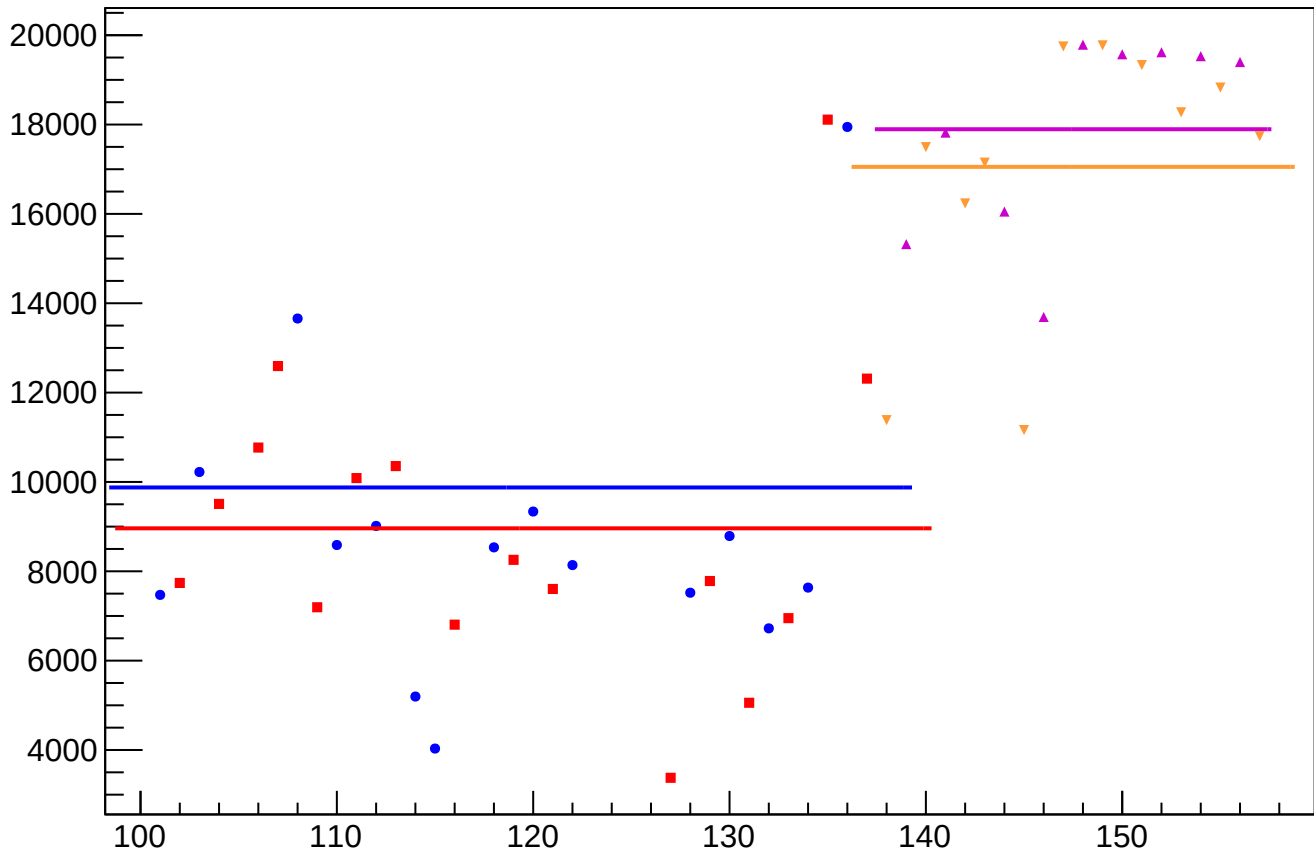
Left Out: 1146.849+/-0.000 χ^2/NDF : 32103917825336641611882104630265511936.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

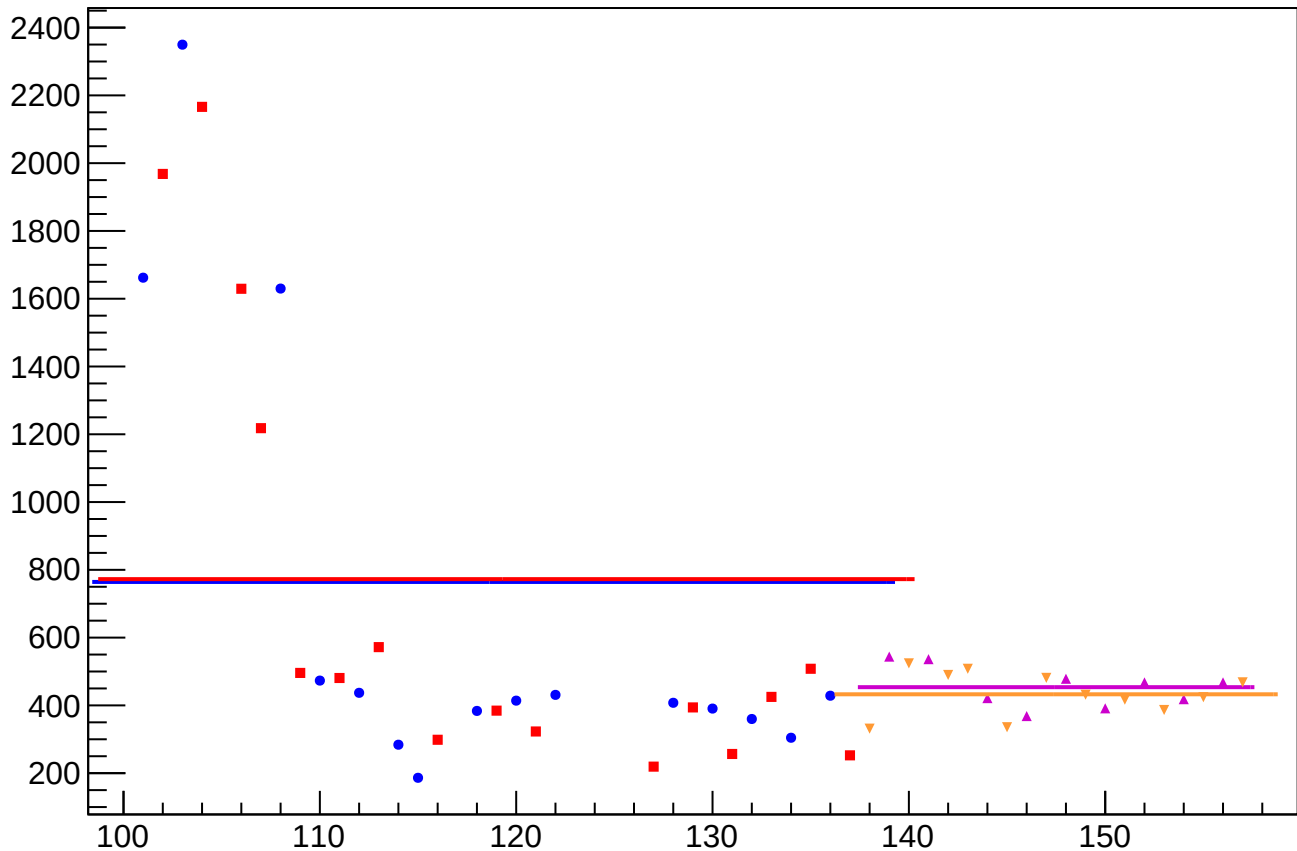
+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234
 All: 1139.325+/-0.000 χ^2/NDF : 18988790582
 - sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

dit_sam2_coil3_mean vs Slug



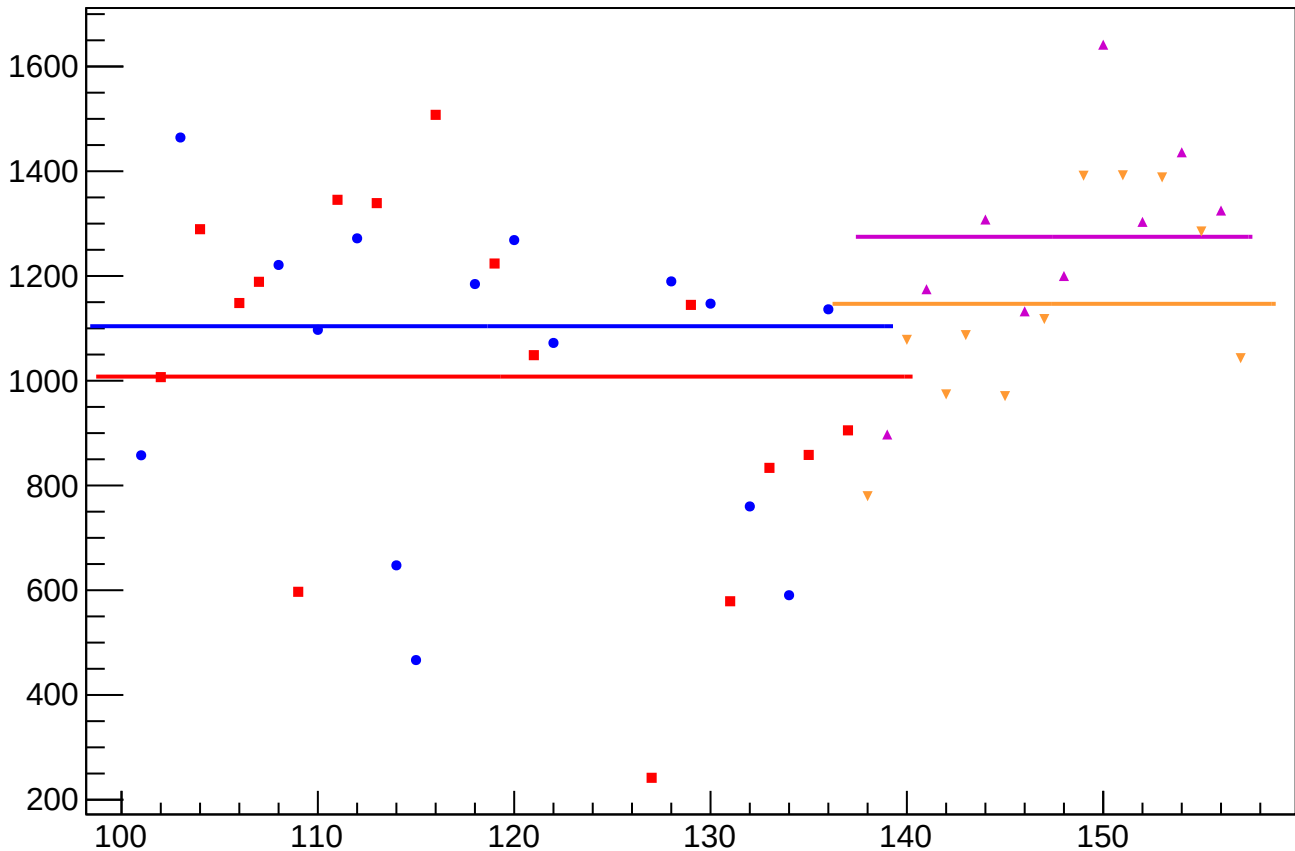
Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17052.673+/-0.000 χ^2/NDF : 7370159403766662366481185013966611415040.0/10
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17895.220+/-0.000 χ^2/NDF : 353878789224132632365262225464327405568.0/8

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: 453.759+/-0.000 χ^2/NDF : 2487090278952395459499023527963525120.0/8

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

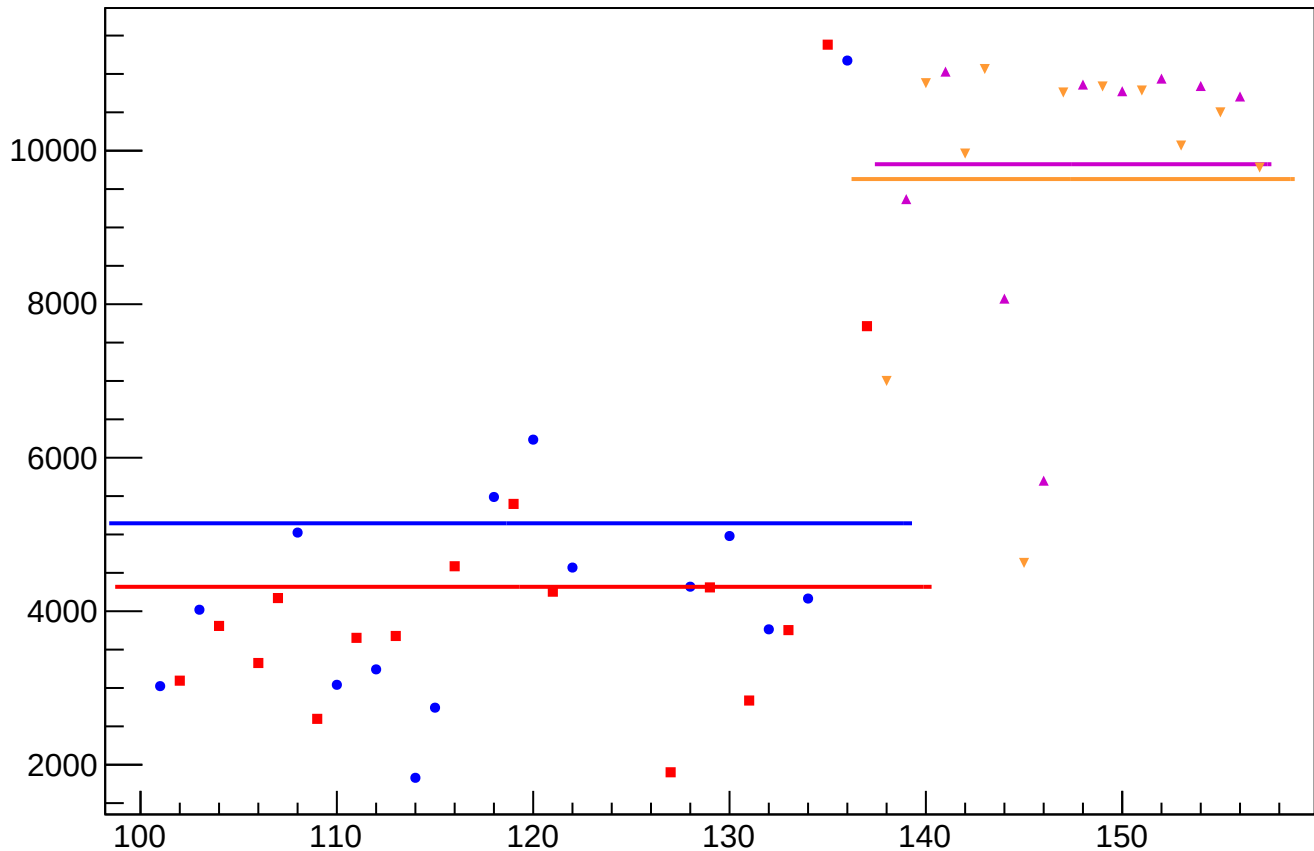
Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

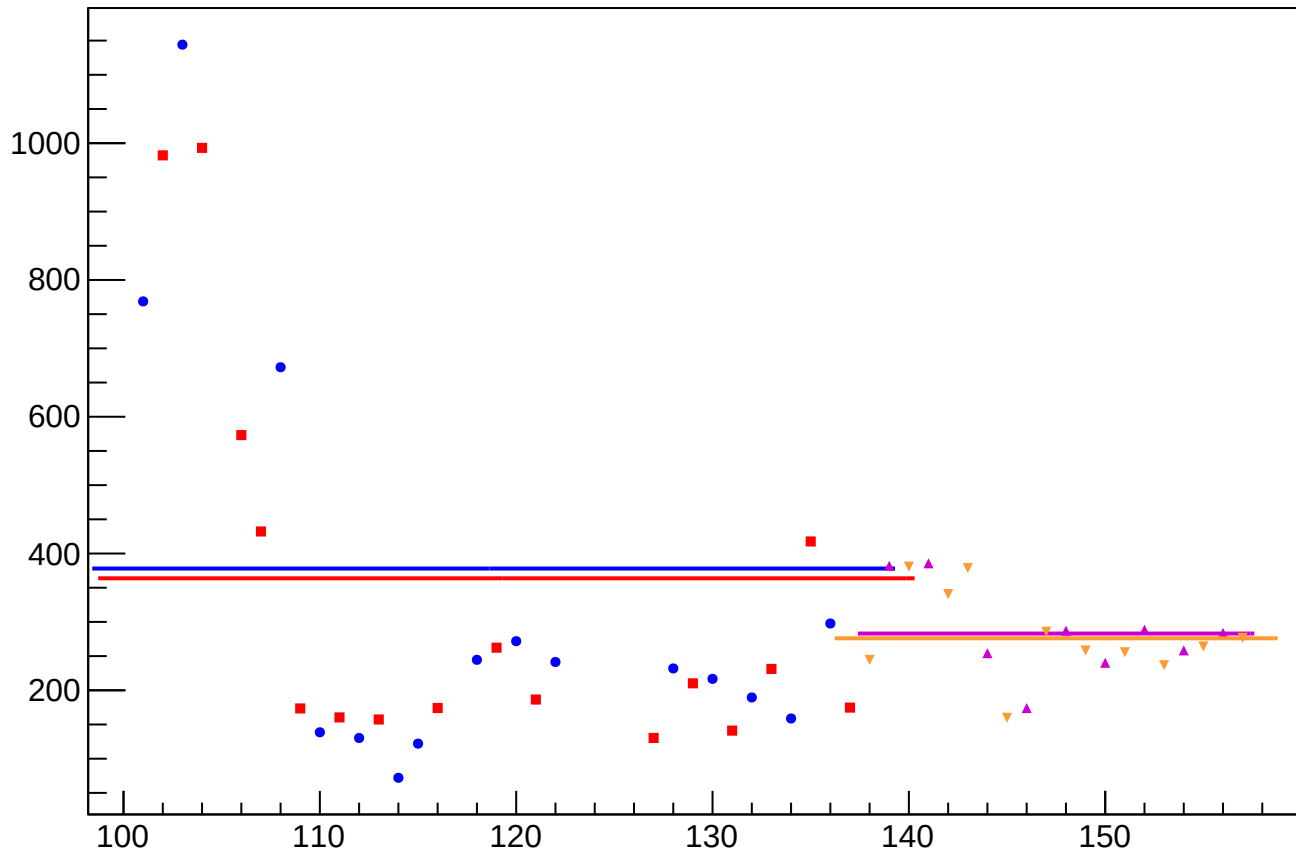
- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

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: 9823.794+/-0.000 χ^2/NDF : 2259927170429047703017127760011433345024.0/8

dit_sam3_coil3_err_mean vs Slug



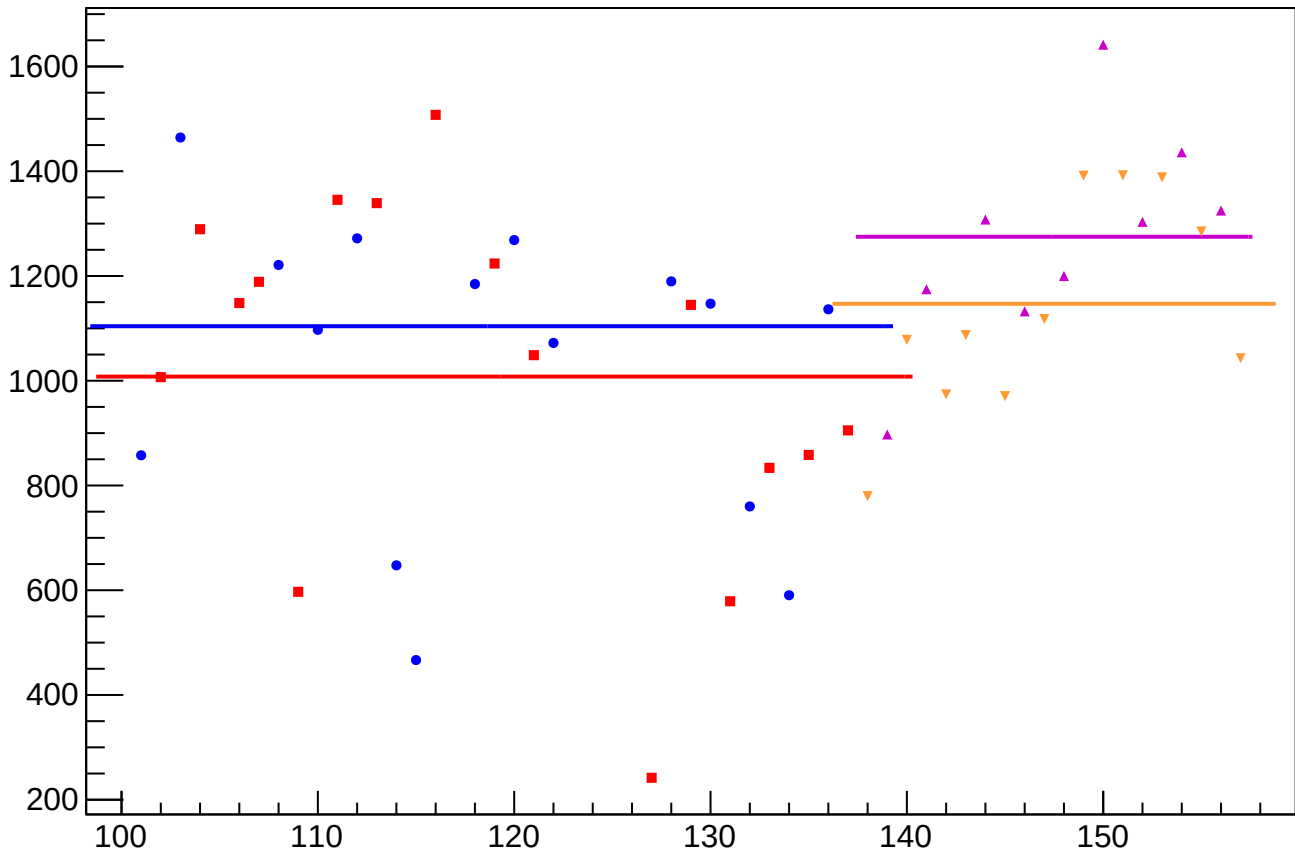
Right In: 378.052 $\pm$ 0.000 χ^2 /NDF: 61516590022593053040860760861331947520.0/14

Left Out: 276.026 $\pm$ 0.000 χ^2 /NDF: 3181634034320209726483113812728741888.0/10

Right Out: 363.772 $\pm$ 0.000 χ^2 /NDF: 59031337484709801804181439342706688000.0/15

Left In: 283.013 $\pm$ 0.000 χ^2 /NDF: 2977578175620945309388486496965623808.0/8

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

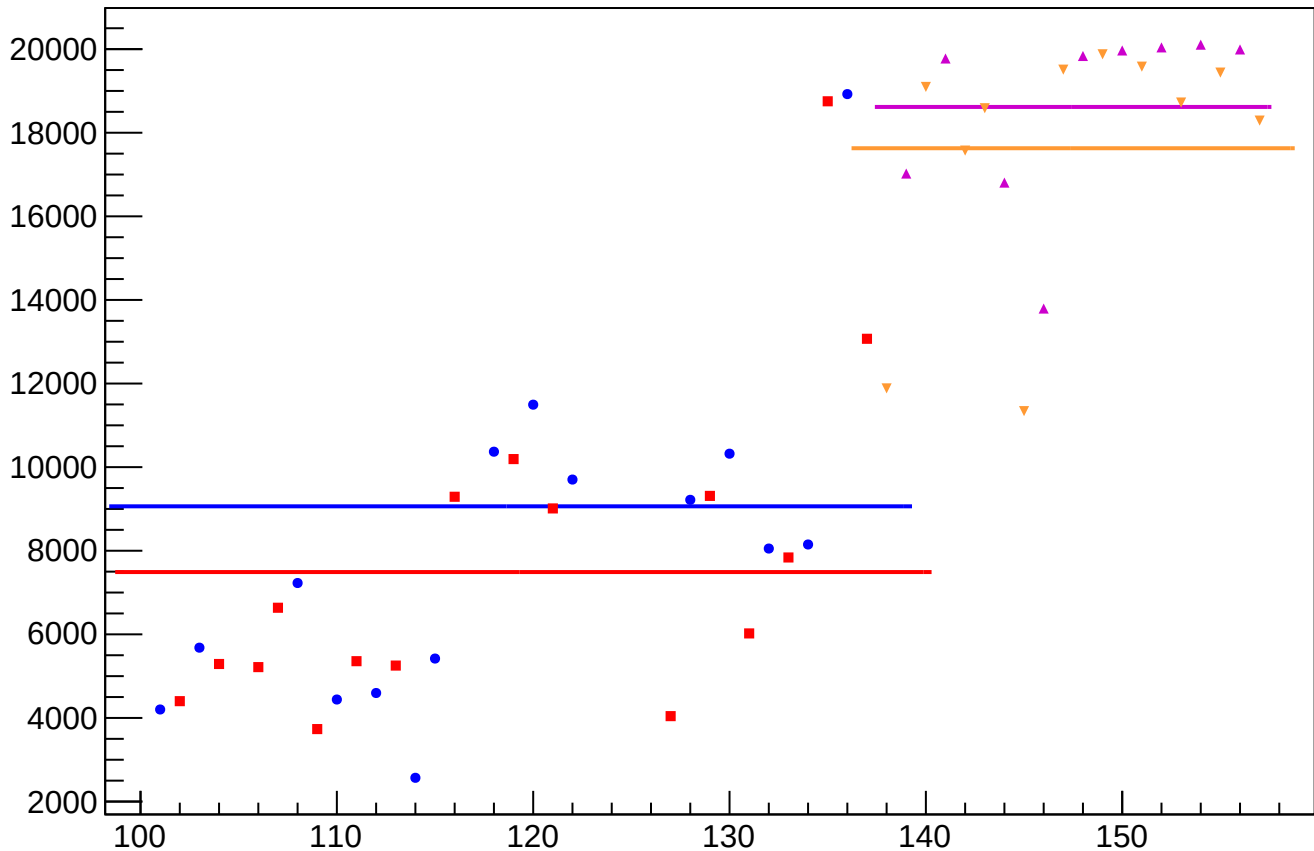
Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

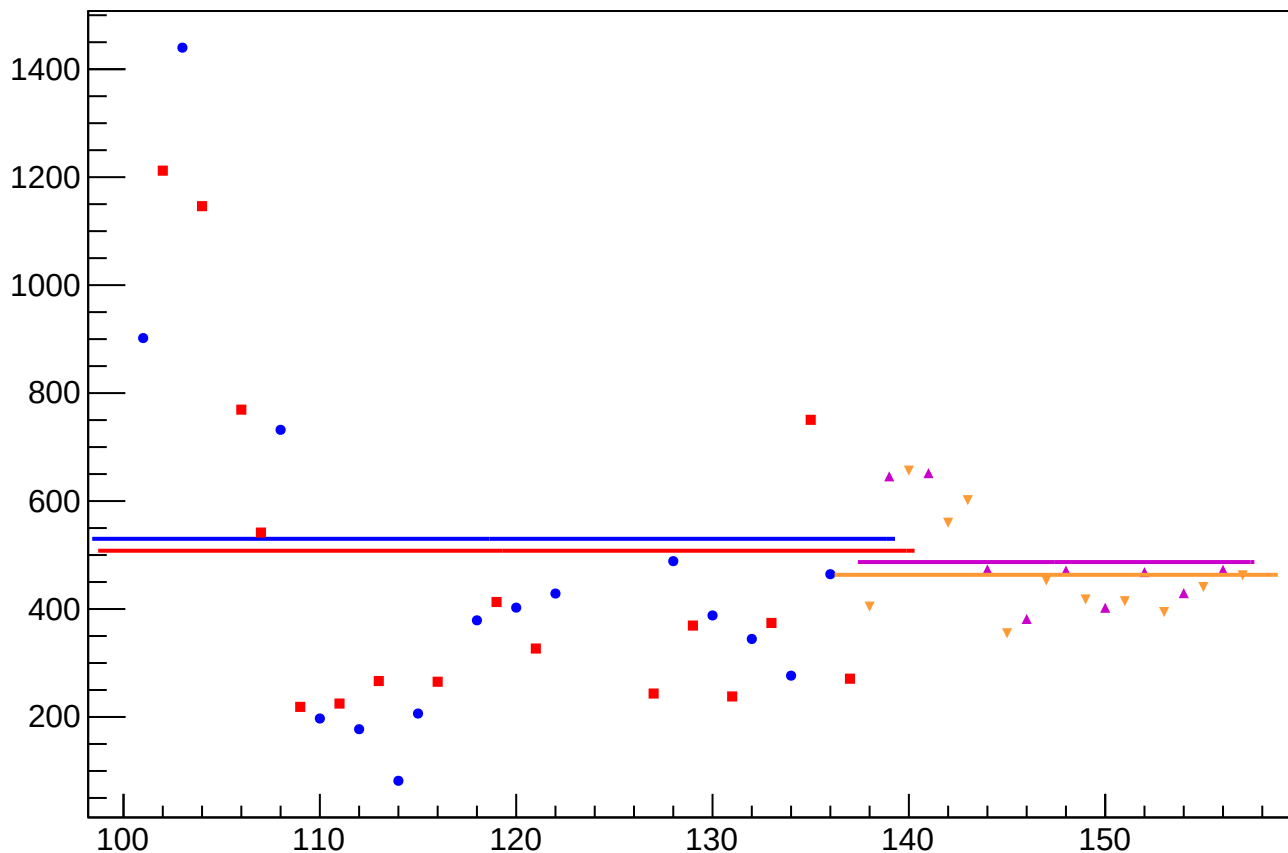
- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

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: 18617.137+/-0.000 χ^2/NDF : 3358514323024196598209926777210899791872.0/8

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

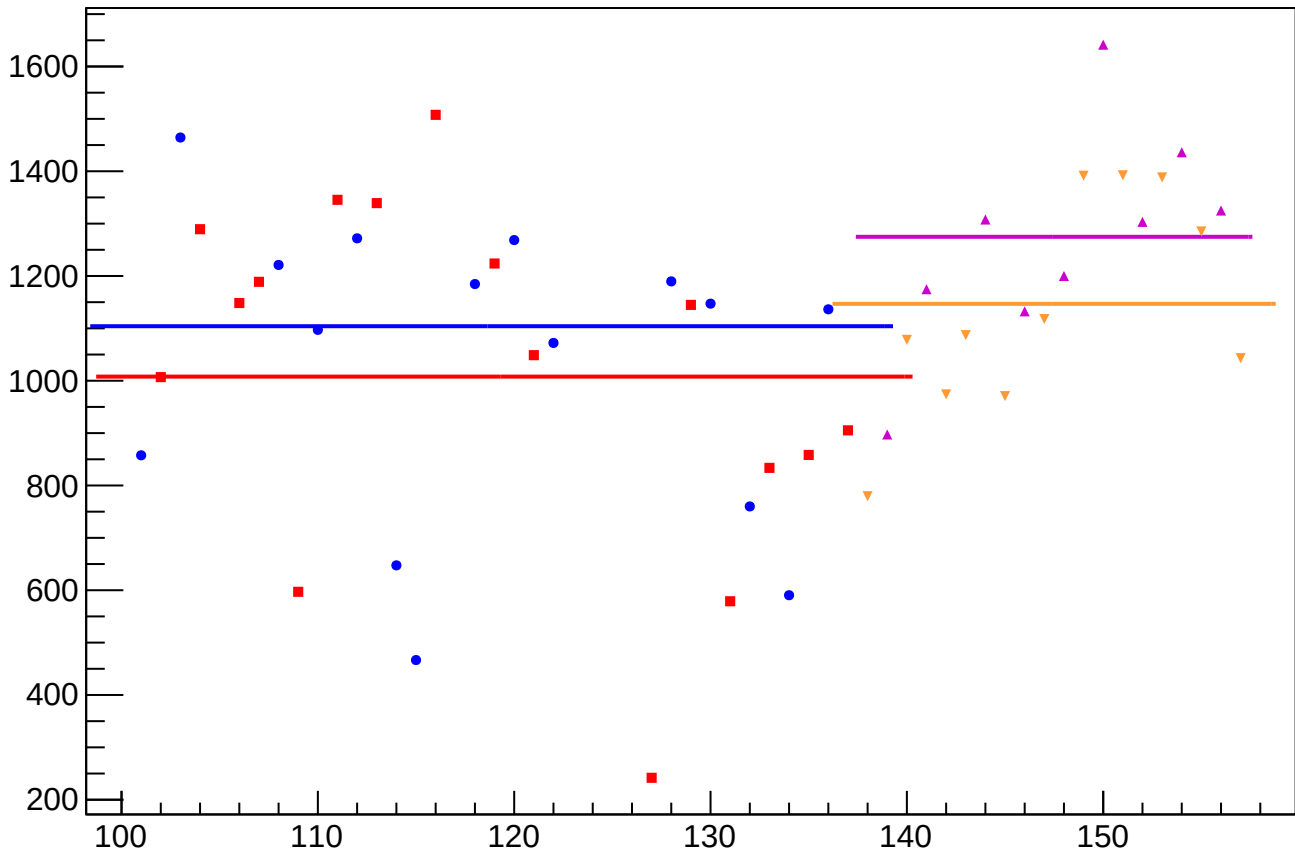
Left In: 487.019+/-0.000 χ^2/NDF : 6301560364661459930917054111987793920.0/8

+ sign 492.487+/-0.000 χ^2/NDF : 871780033513510

All: 494.586+/-0.000 χ^2/NDF : 170339655608

- sign 496.758+/-0.000 χ^2/NDF : 831483307084024

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

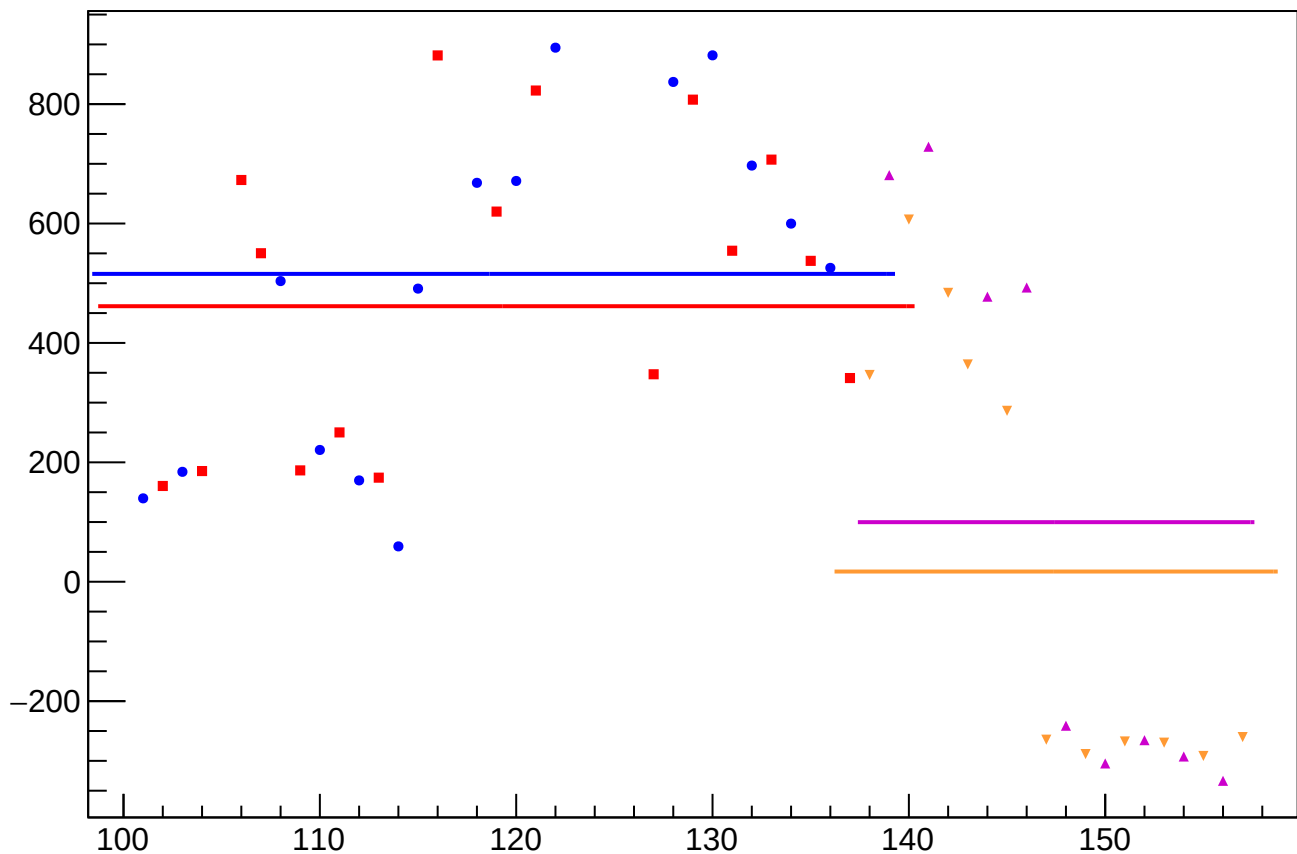
Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 17.104+/-0.000 χ^2/NDF : 101879121396704500190870681418450599936.0/10

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

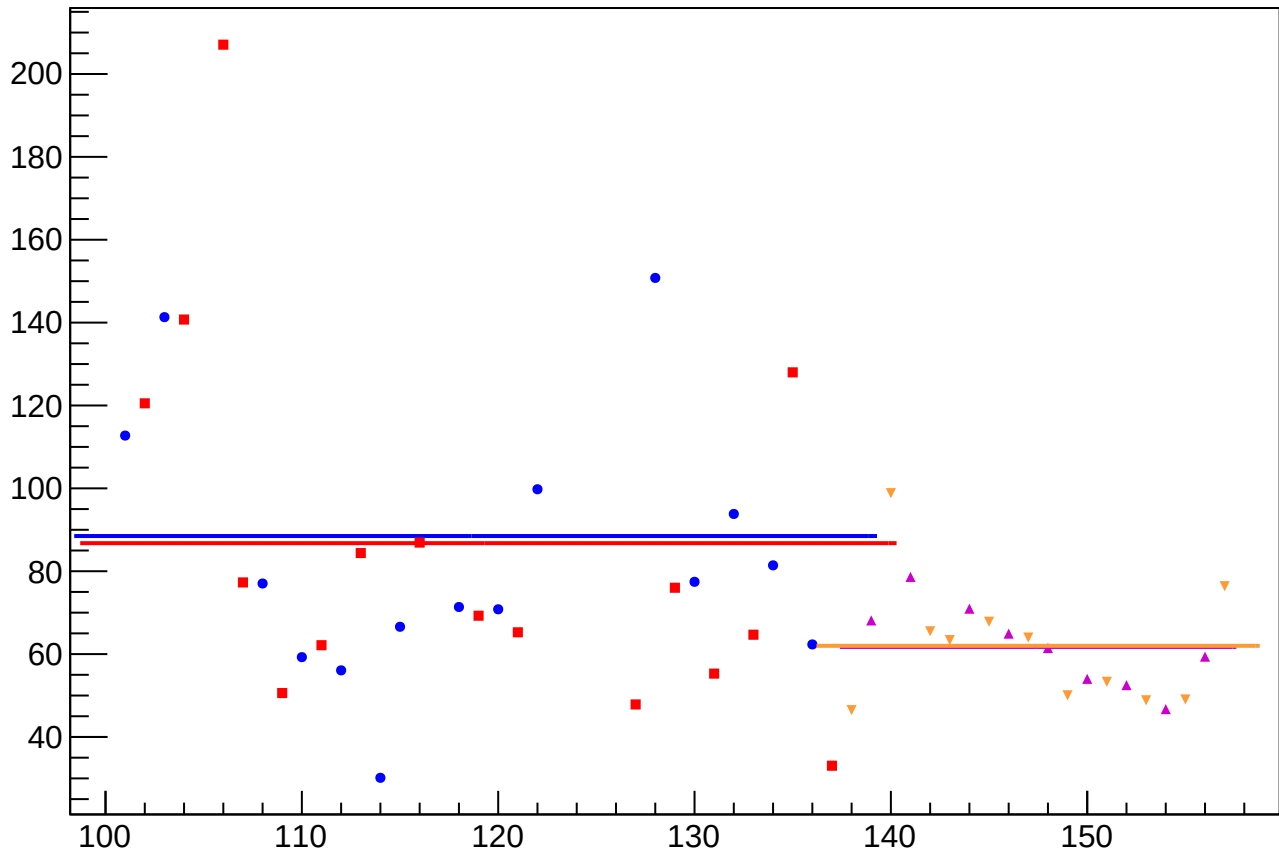
Left In: 99.791+/-0.000 χ^2/NDF : 151448599025417595611441887407008382976.0/8

+ sign 234.834+/-0.000 χ^2/NDF : 241196853375298

All: 251.034+/-0.000 χ^2/NDF : 480644220173

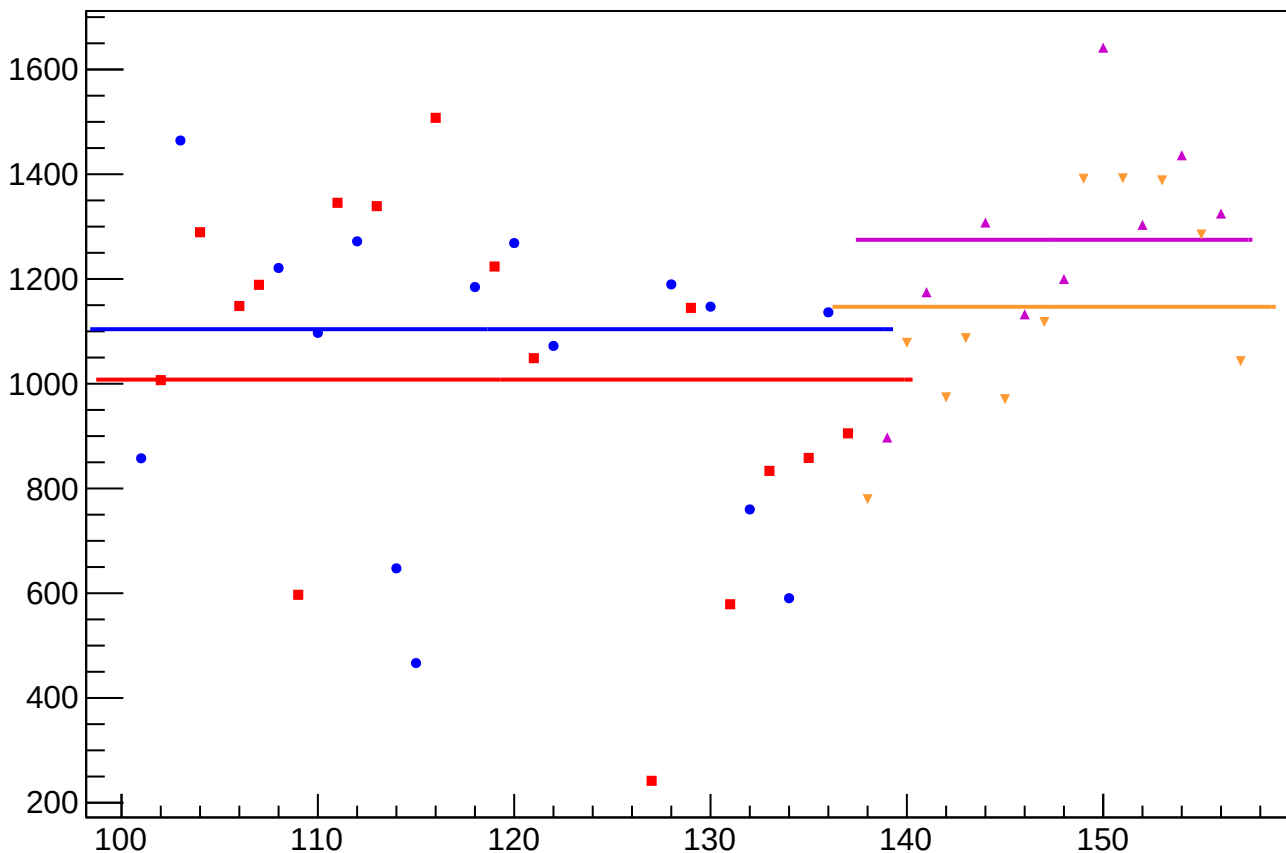
- sign 267.798+/-0.000 χ^2/NDF : 238653830870256

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: 61.722+/-0.000 χ^2/NDF : 69320406836404276373027944843444224.0/8

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

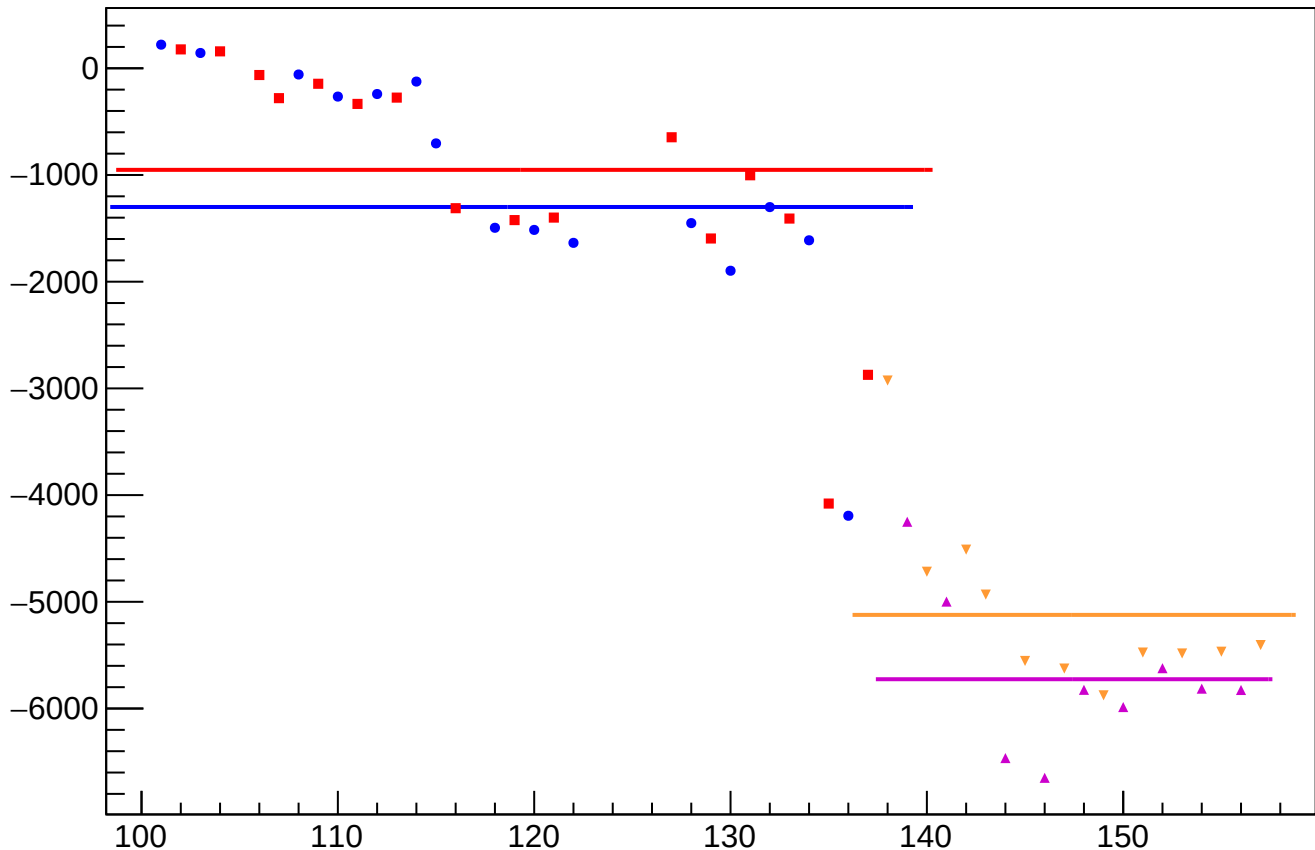
Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

dit_sam6_coil3_mean vs Slug



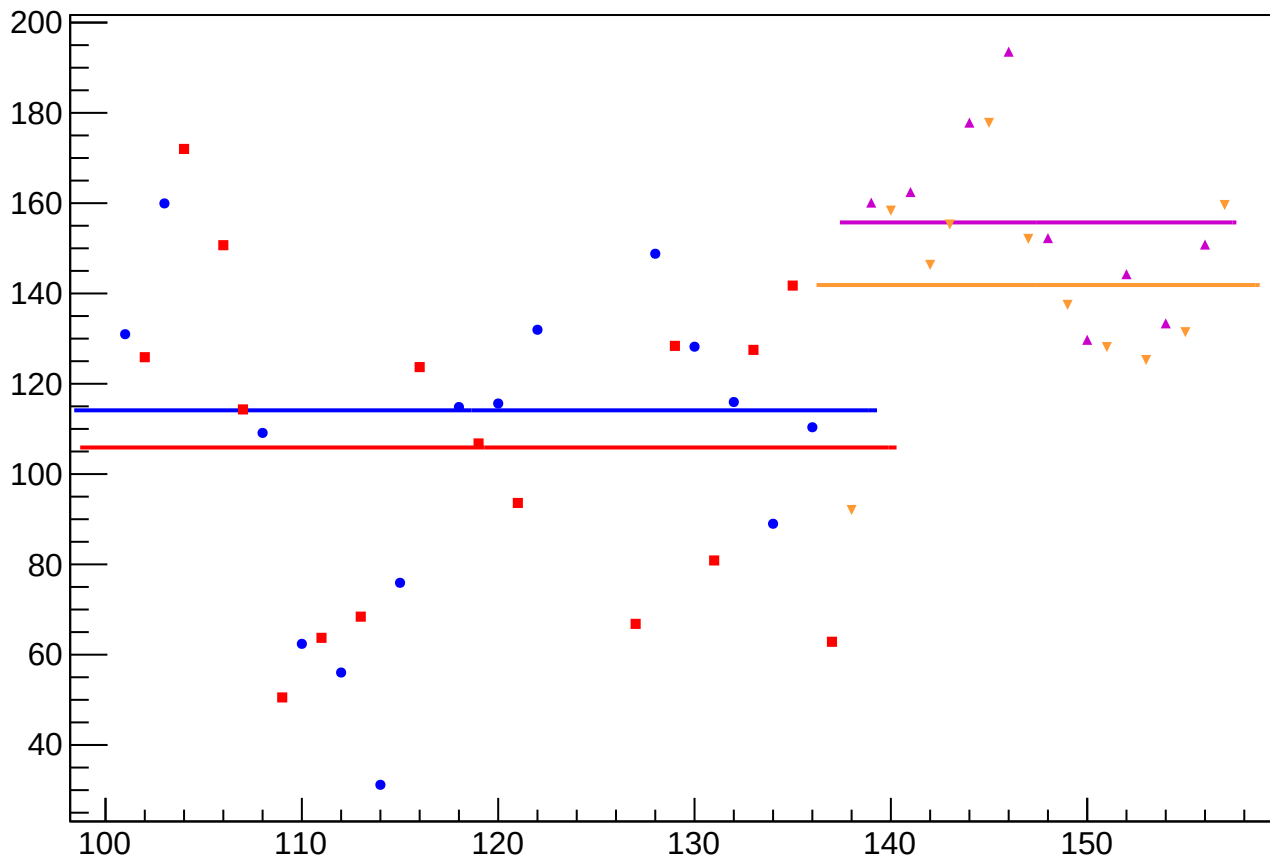
Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5122.547+/-0.000	χ^2/NDF : 528435745255170125992499963396454612992.0/10
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5725.477+/-0.000	χ^2/NDF : 350293675822966569285917702963253477376.0/8

+ sign -3453.034+/-0.000 χ^2/NDF : 7069776863351

All: -3480.157+/-0.000 χ^2/NDF : 1640287098

- sign -3508.225+/-0.000 χ^2/NDF : 93308696679147

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

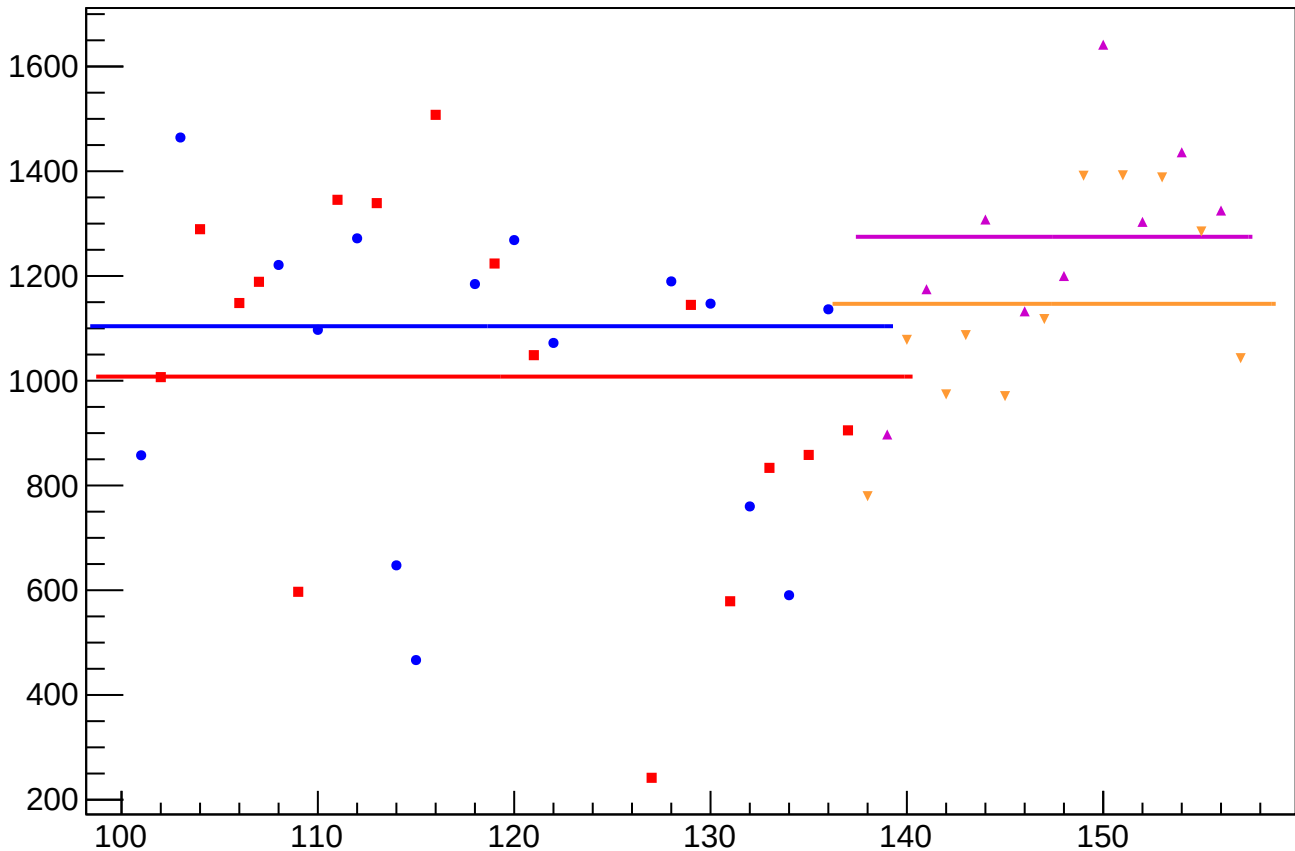
Left In: 155.734 ± 0.000 χ^2/NDF : 287907771232444146479209417170485248.0/8

+ sign 129.748 ± 0.000 χ^2/NDF : 130340552735276

All: 131.141 ± 0.000 χ^2/NDF : 333645457803

- sign 132.582 ± 0.000 χ^2/NDF : 202718573124475

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

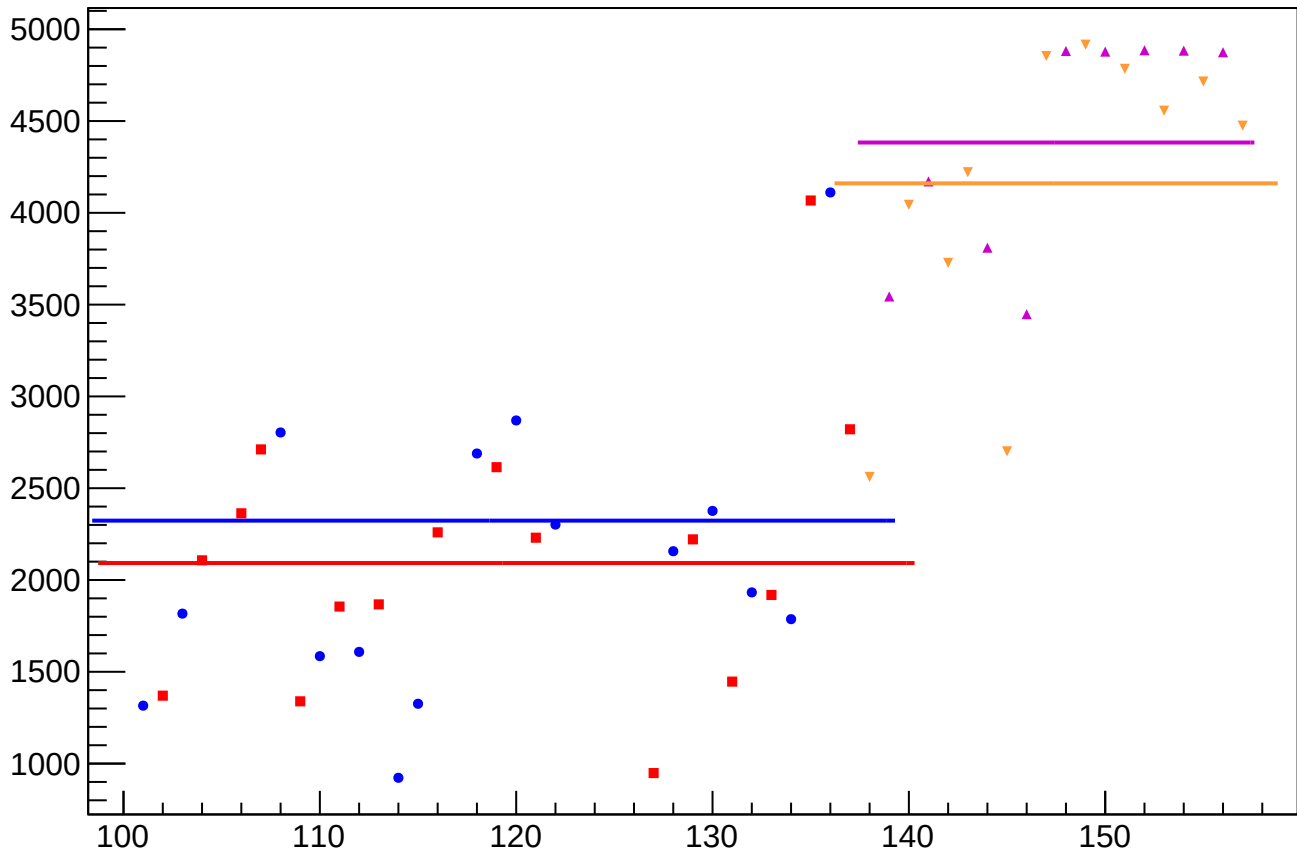
Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

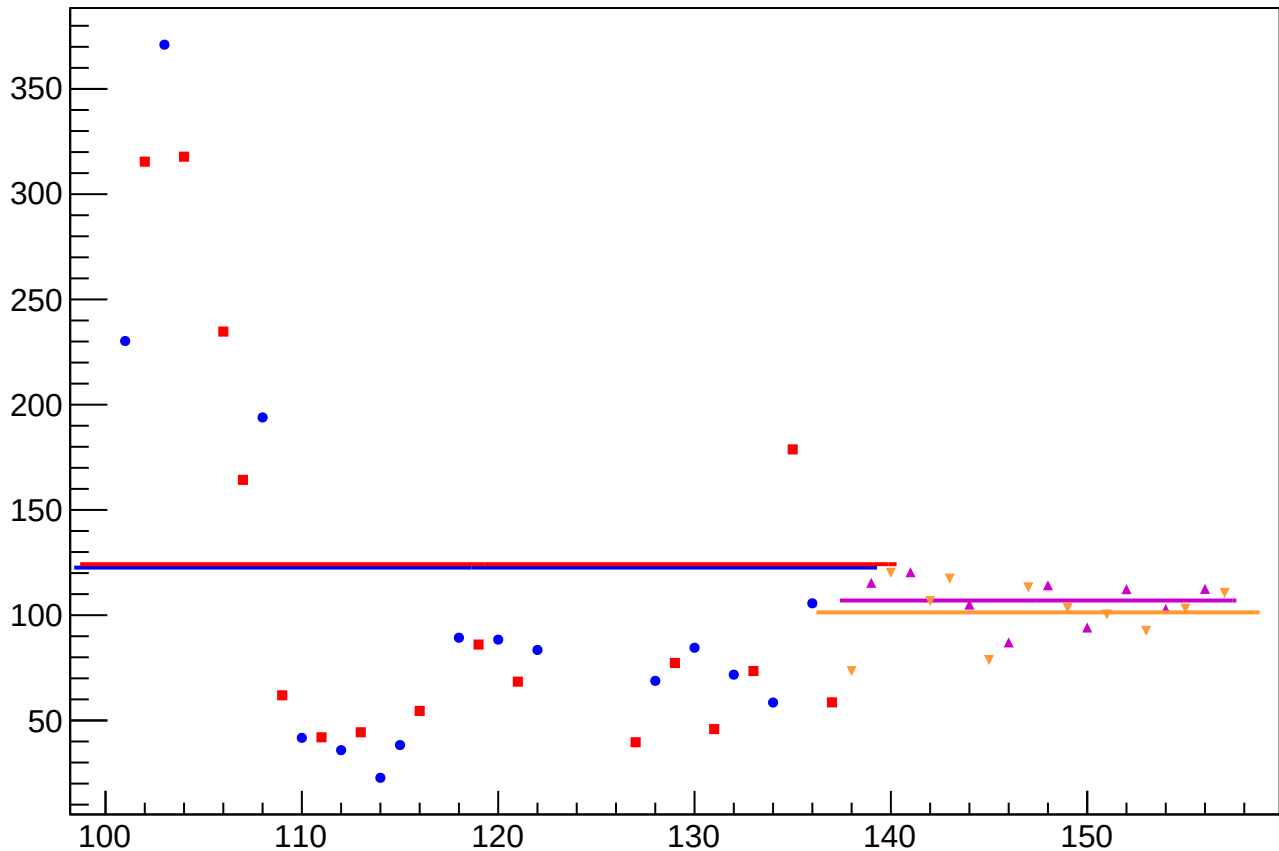
- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

dit_sam7_coil3_mean vs Slug



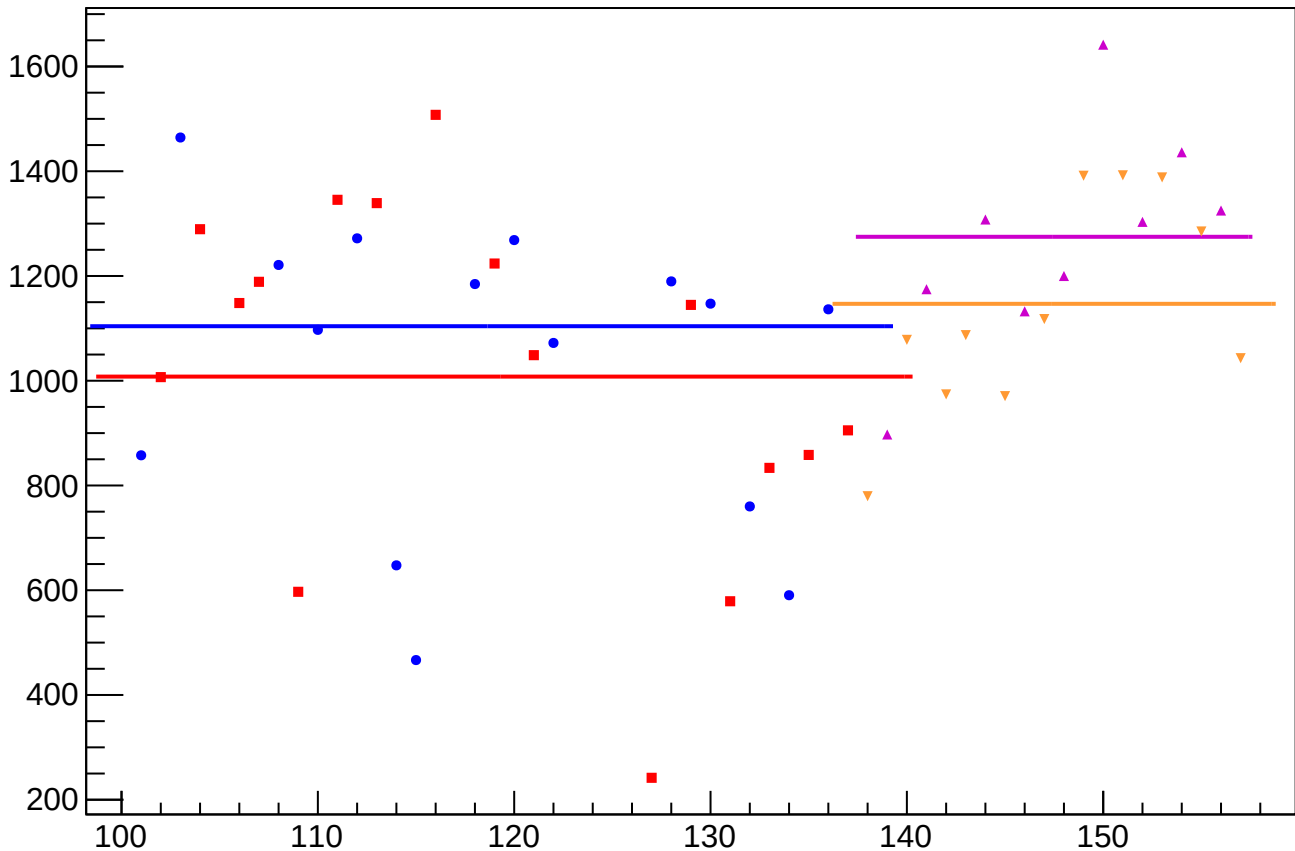
Right In: 2323.372 ± 0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14
 Left Out: 4160.590 ± 0.000 χ^2/NDF : 543186225339920666295895504378637844480.0/10
 Right Out: 2092.458 ± 0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15
 Left In: 4383.036 ± 0.000 χ^2/NDF : 269354645831907681668158247641538363392.0/8

dit_sam7_coil3_err_mean vs Slug



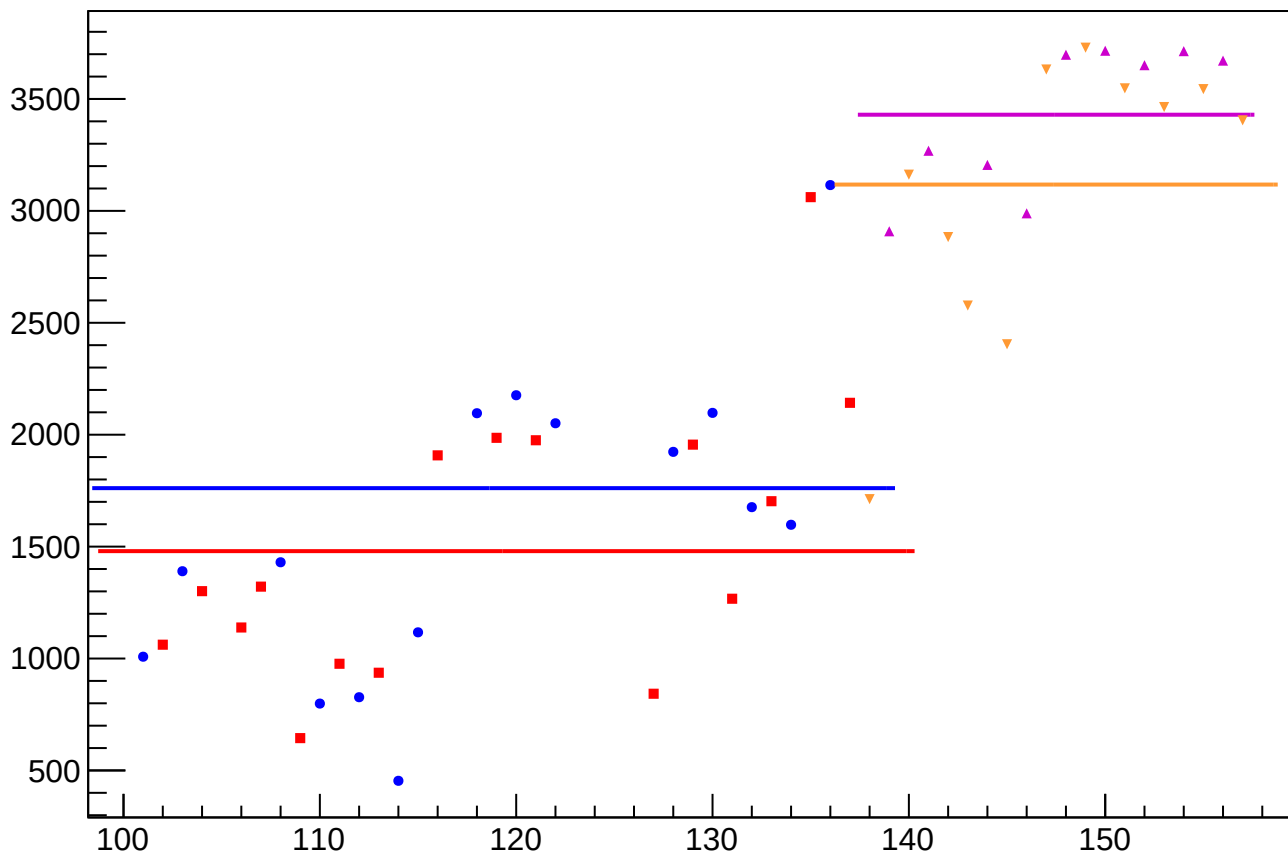
Right In: 122.622+/-0.000	χ^2/NDF : 5937504661187691145903235842749497344.0/14	+ sign 110.629+/-0.000	χ^2/NDF : 627798250664381
Left Out: 101.330+/-0.000	χ^2/NDF : 174757300610955680393349808590422016.0/10	All: 112.767+/-0.000	χ^2/NDF : 130277524630
Right Out: 124.216+/-0.000	χ^2/NDF : 6549627589629012958791202941129719808.0/15	- sign 114.979+/-0.000	χ^2/NDF : 673595628521395
Left In: 106.966+/-0.000	χ^2/NDF : 80035776531182161858721521220976640.0/8		

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: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

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

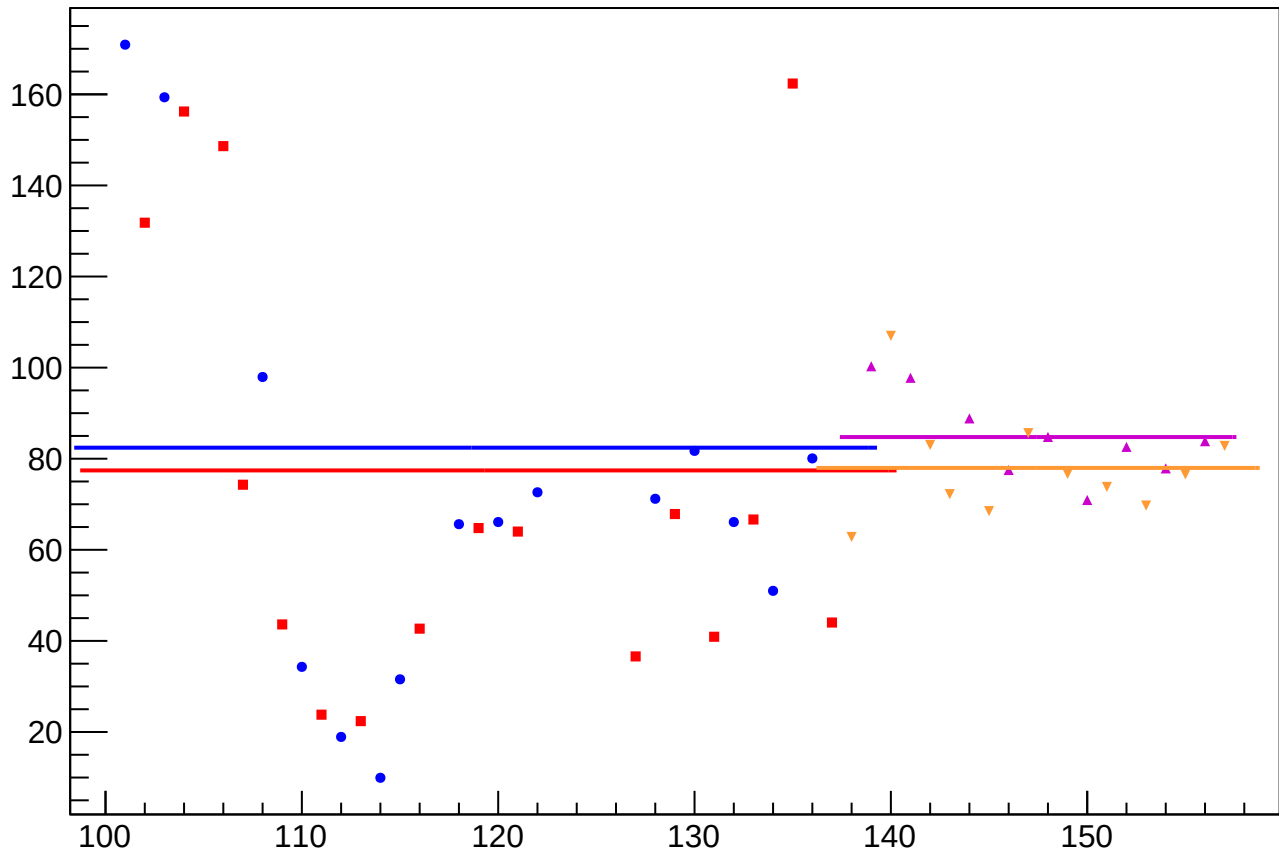
Left In: 3429.646+/-0.000 χ^2/NDF : 74333447914494569230996561206066544640.0/8

+ sign 2525.209+/-0.000 χ^2/NDF : 13197943036483

All: 2524.601+/-0.000 χ^2/NDF : 30155911833

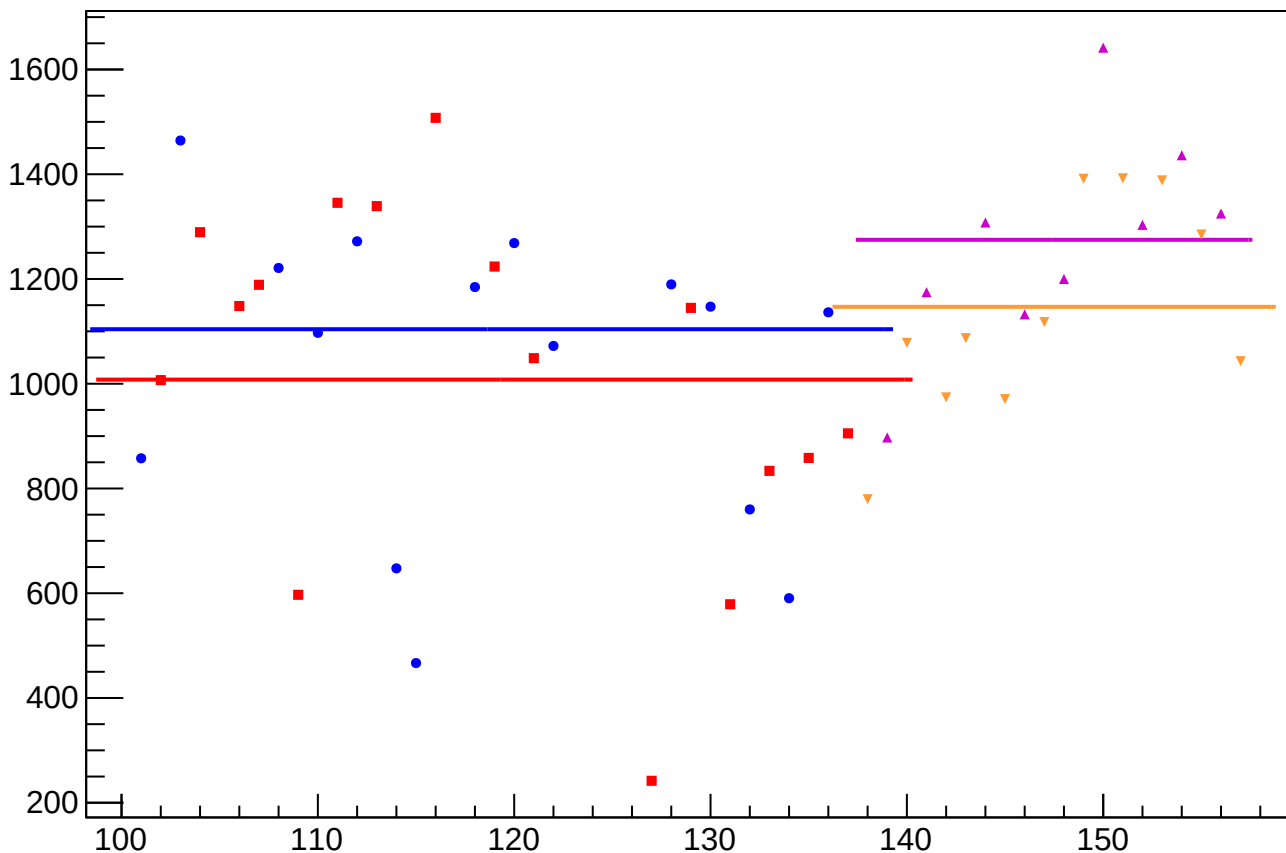
- sign 2523.973+/-0.000 χ^2/NDF : 16957957636886

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: 84.756+/-0.000 χ^2/NDF : 61859030214011530819637953857323008.0/8

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

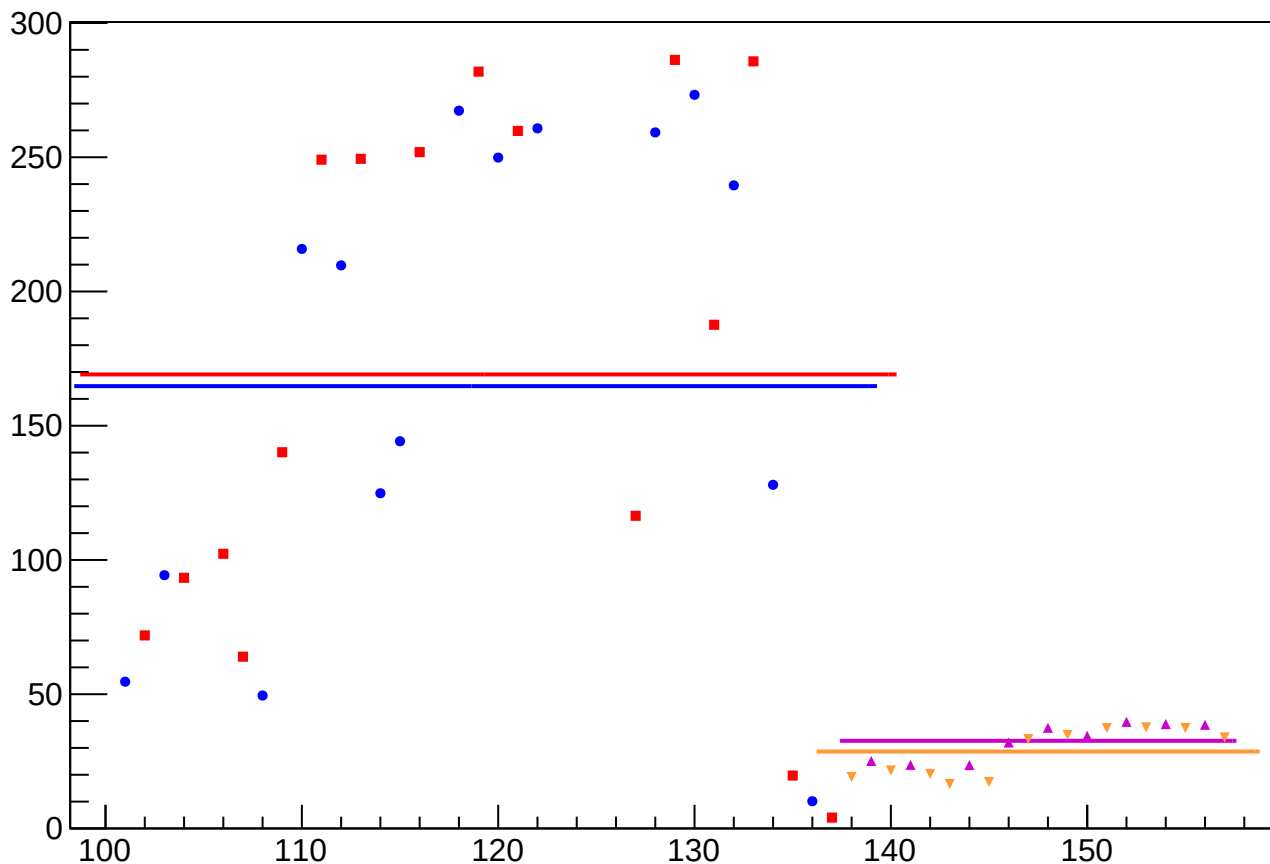
Left In: 1274.843+/-0.000 χ^2/NDF : 29473583312174738546687856575741165568.0/8

+ sign 1128.184+/-0.000 χ^2/NDF : 65509473218234

All: 1139.325+/-0.000 χ^2/NDF : 18988790582

- sign 1150.854+/-0.000 χ^2/NDF : 12400309289306

dit_4aX_coil7_mean vs Slug



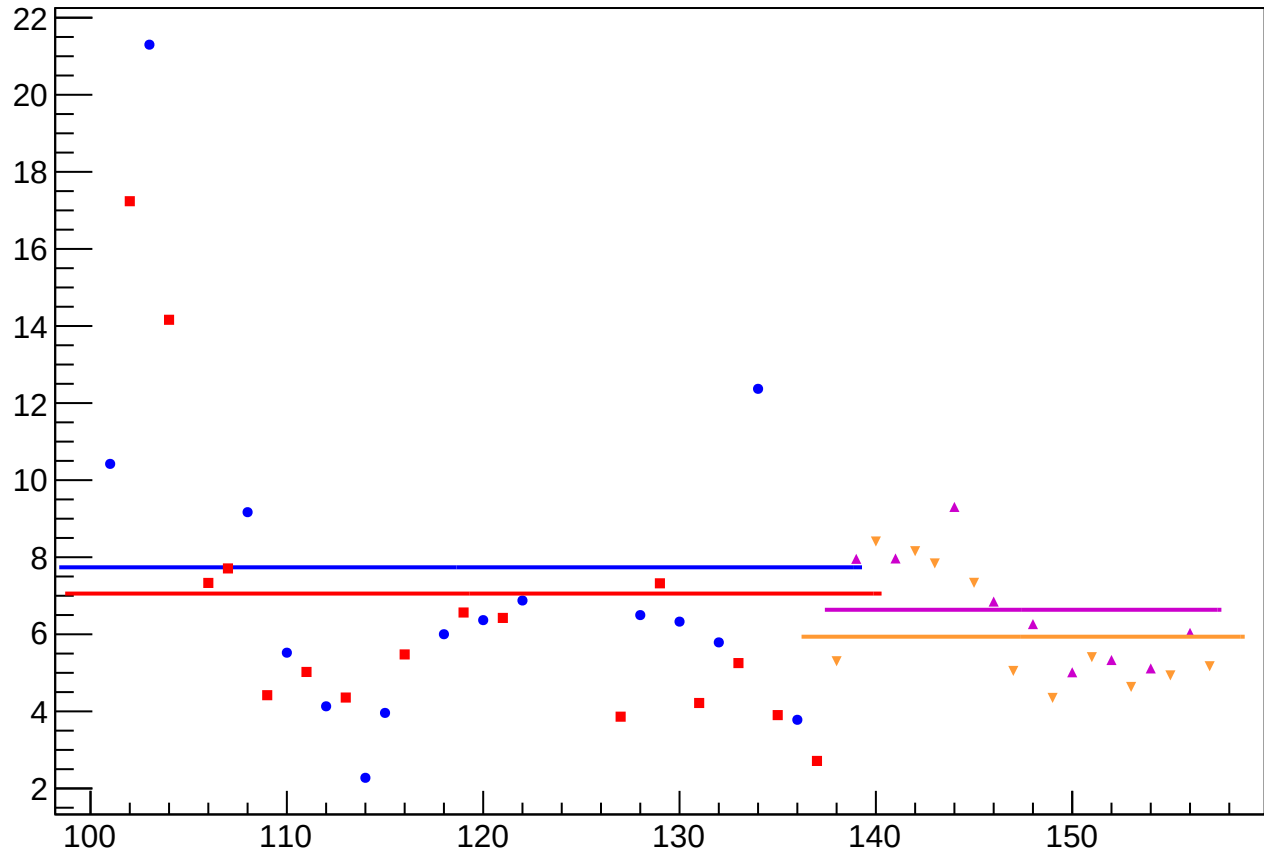
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

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: 32.642+/-0.000 χ^2/NDF : 31636772916749466234449896220393472.0/8

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14

Left Out: 5.938 $\pm$ 0.000 χ^2 /NDF: 1725735784578155052950747397226496.0/10

Right Out: 7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15

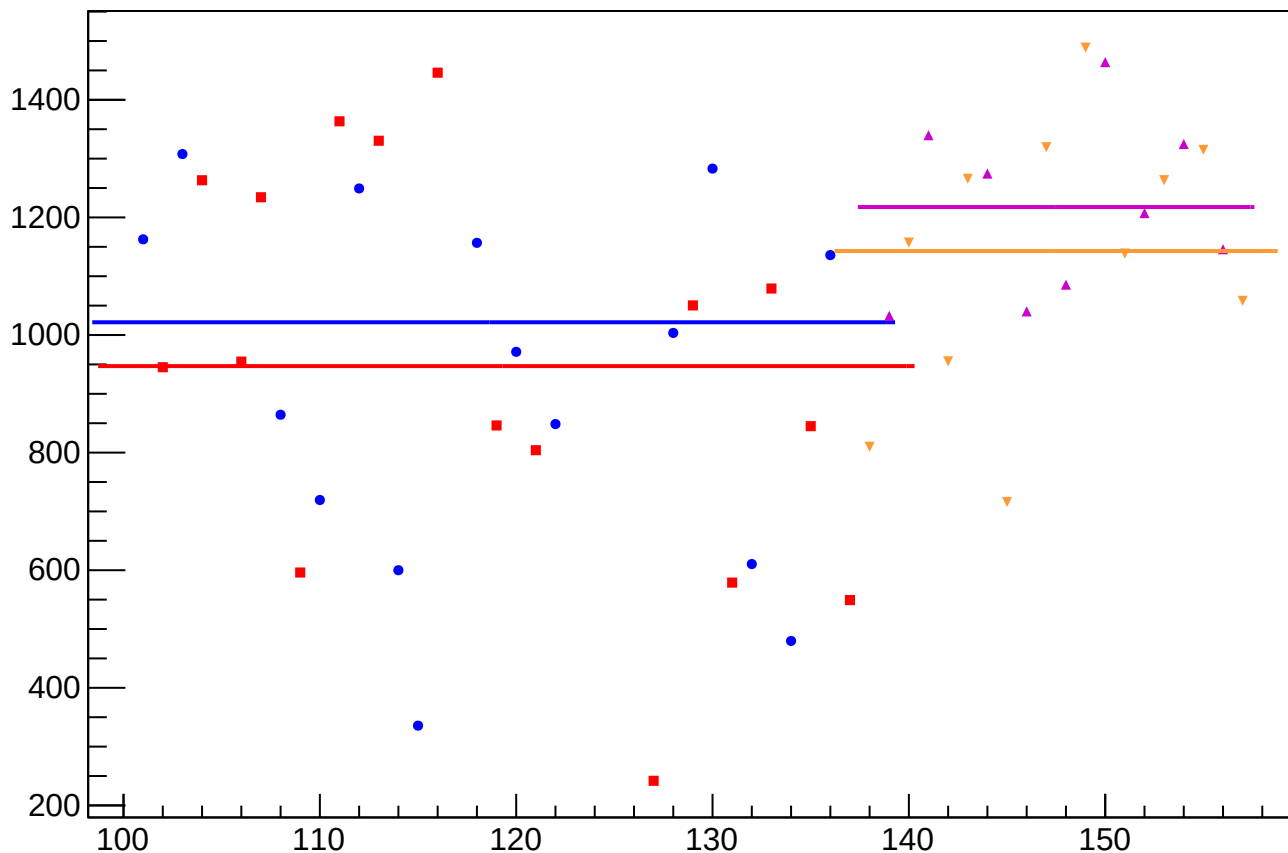
Left In: 6.636 $\pm$ 0.000 χ^2 /NDF: 1563553289303826106646145697579008.0/8

+ sign 6.724 $\pm$ 0.000 χ^2 /NDF: 18038088948663220

All: 6.777 $\pm$ 0.000 χ^2 /NDF: 30965682491010

- sign 6.832 $\pm$ 0.000 χ^2 /NDF: 12919140490378103

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

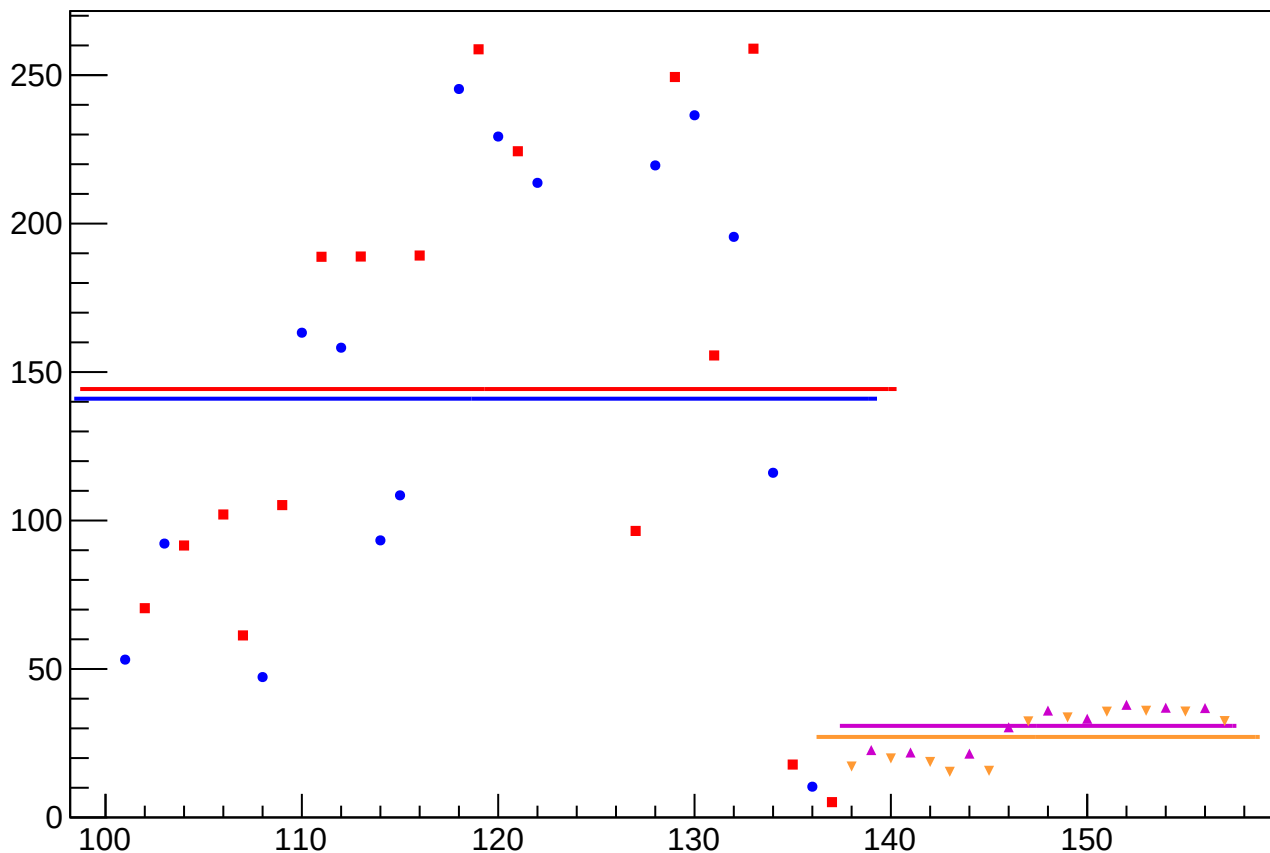
Left Out: 1142.908+/-0.000 χ^2/NDF : 42694917457780139943000905132443435008.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1217.657+/-0.000 χ^2/NDF : 15376746273228765219389229522443304960.0/8

+ sign 1089.964+/-0.000 χ^2/NDF : 88559915875439
 All: 1090.969+/-0.000 χ^2/NDF : 19786213495
 - sign 1092.008+/-0.000 χ^2/NDF : 10929916792332

dit_4eX_coil7_mean vs Slug



Right In: 141.032 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14

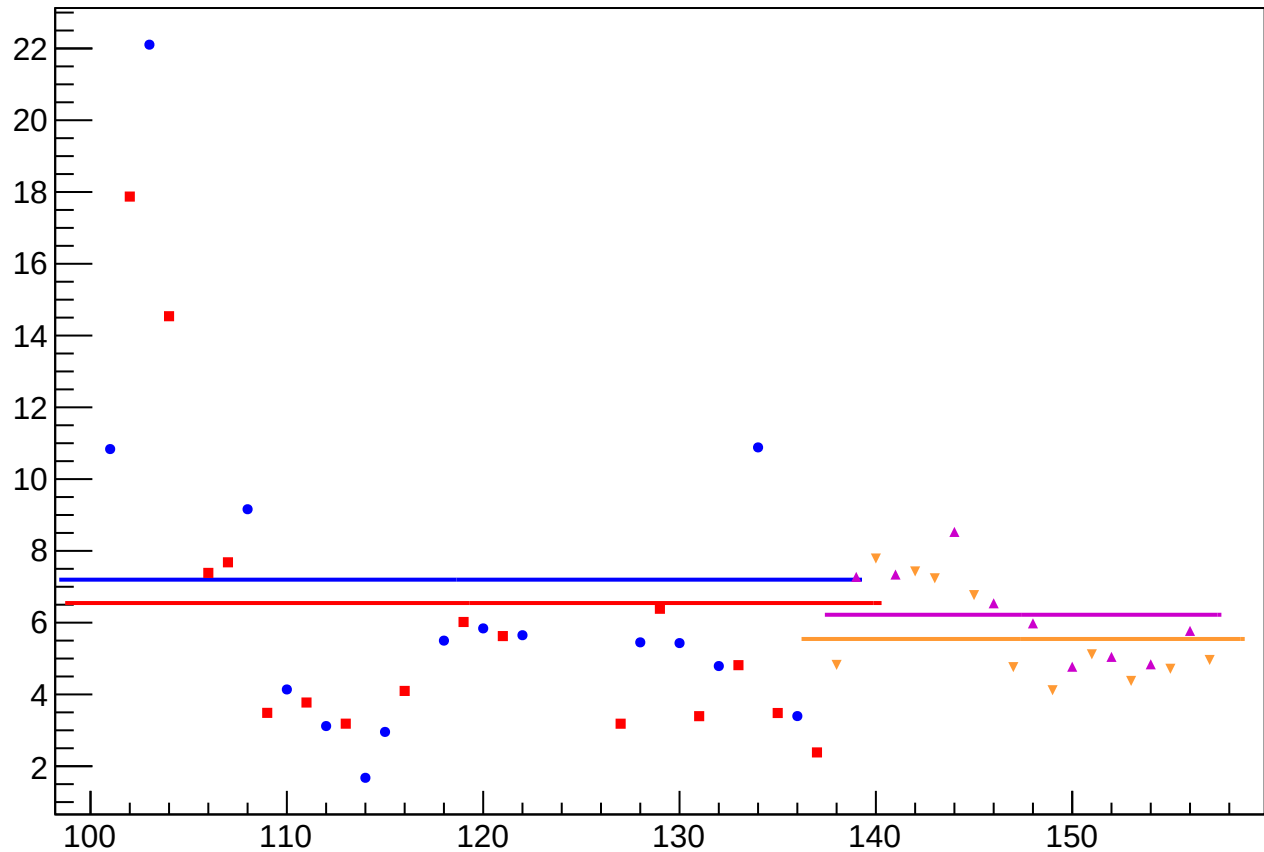
Left Out: 27.118 $\pm$ 0.000 χ^2 /NDF: 61124904956116614028994268352217088.0/10

Right Out: 144.283 $\pm$ 0.000 χ^2 /NDF: 4268333571517740886065361663928827904.0/15

Left In: 30.848 $\pm$ 0.000 χ^2 /NDF: 33341264684159365584101165810843648.0/8

All: 80.146 $\pm$ 0.000 χ^2 /NDF: 1824299549724

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

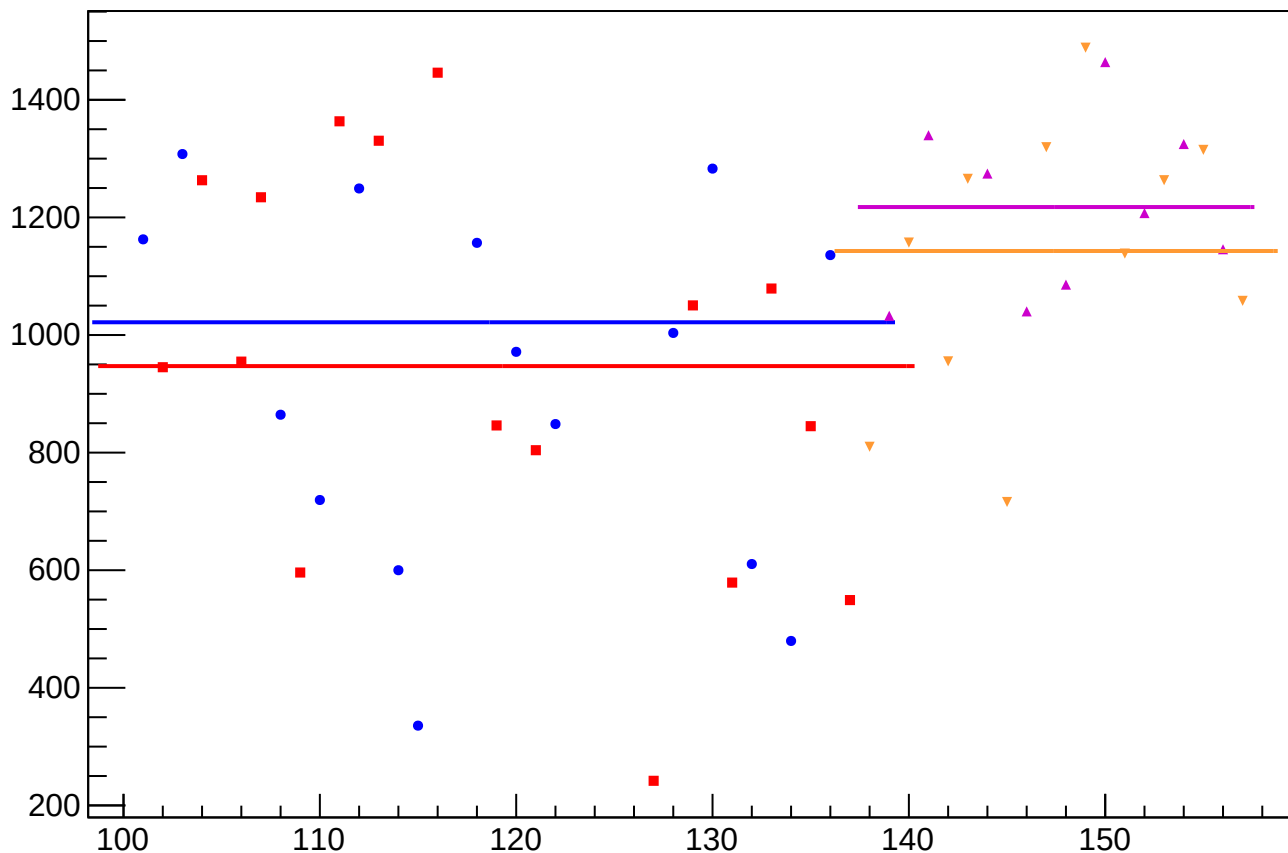
Left In: 6.220 ± 0.000 χ^2/NDF : 1180854339726043283923676707160064.0/8

+ sign 6.267 ± 0.000 χ^2/NDF : 20570977397436074

All: 6.318 ± 0.000 χ^2/NDF : 35876854879848

- sign 6.372 ± 0.000 χ^2/NDF : 15297883169267253

dit_4eX_coil7_Ndata_mean vs Slug



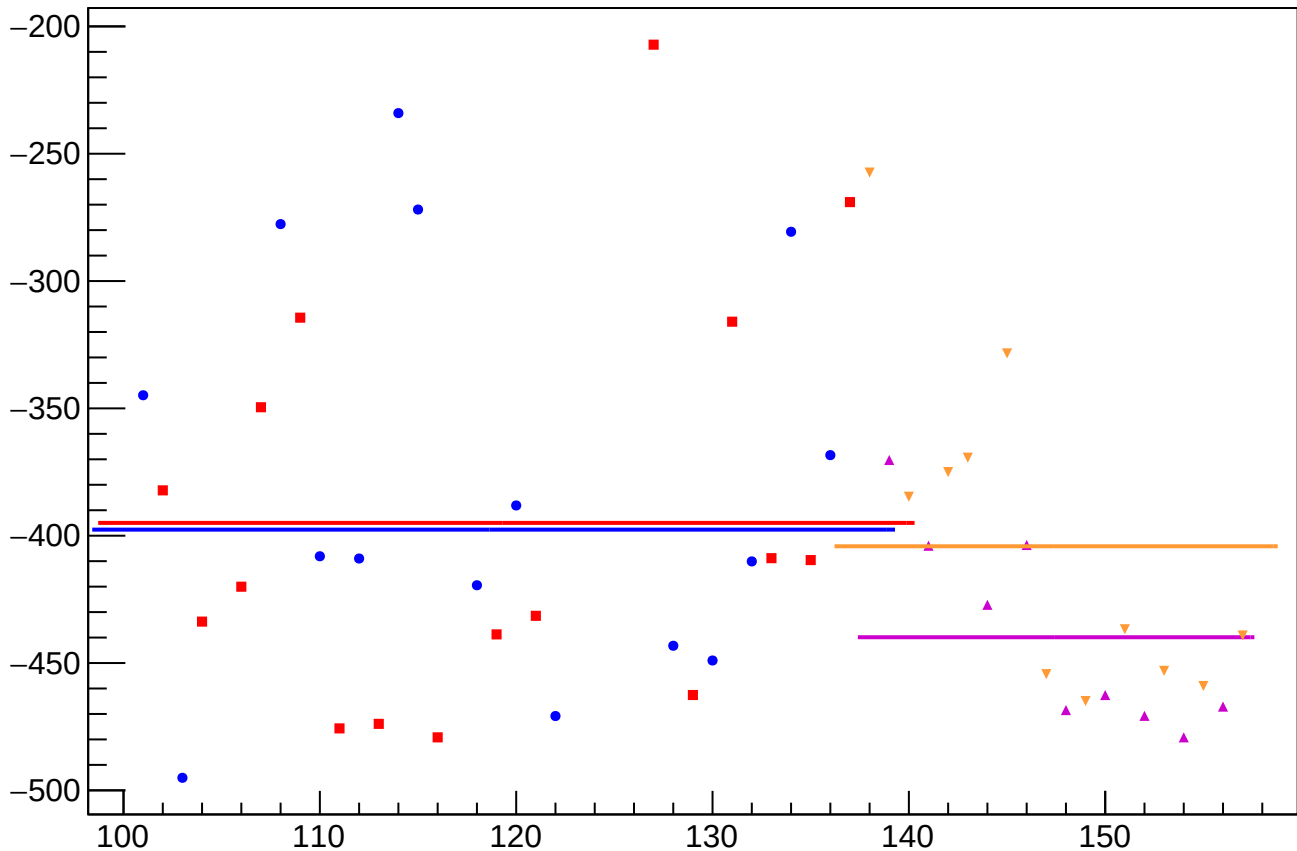
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

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: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

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

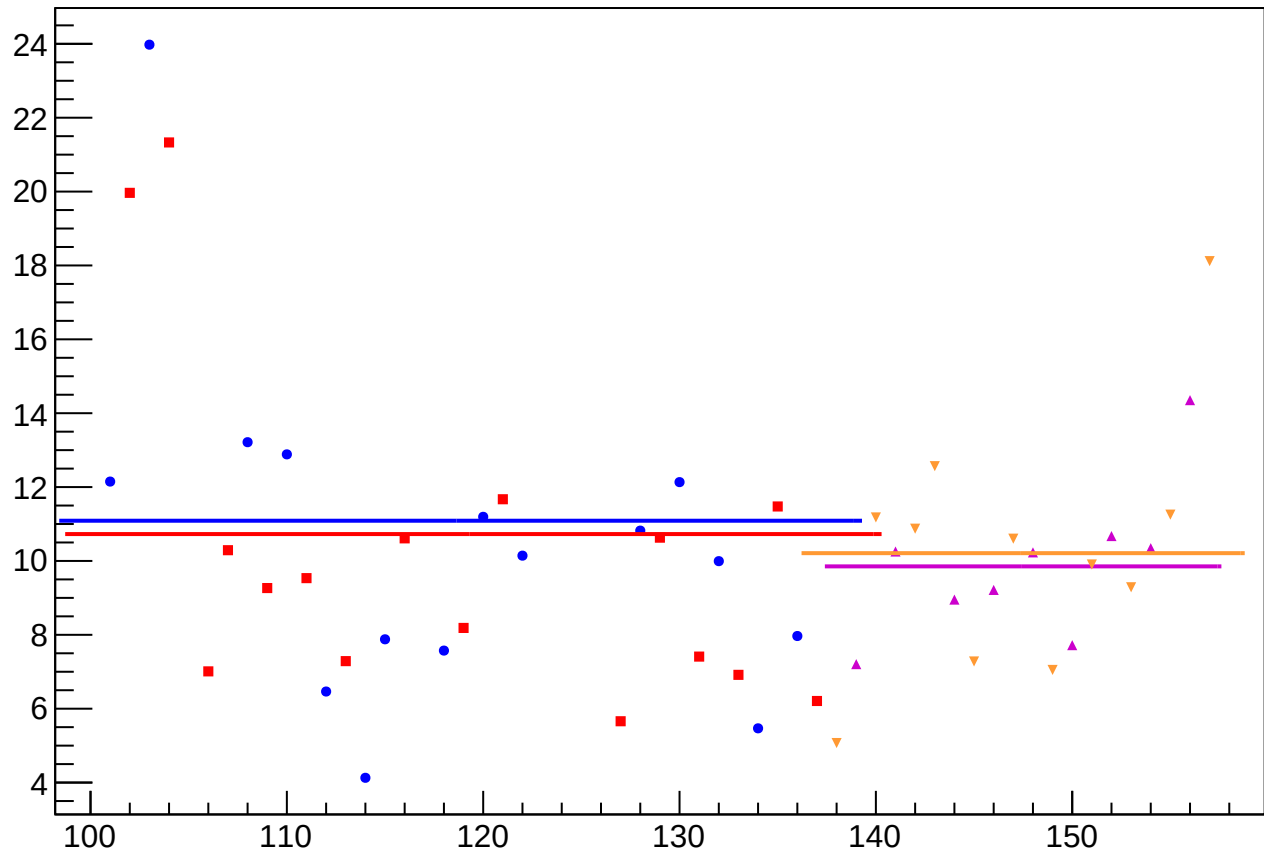
Left In: -439.871 ± 0.000 χ^2/NDF : 1020908420849337862202788314253099008.0/8

+ sign -401.296 ± 0.000 χ^2/NDF : 61023952467222

All: -410.005 ± 0.000 χ^2/NDF : 11758251430

- sign -419.016 ± 0.000 χ^2/NDF : 542654044110192

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

+ sign 10.594 $\pm$ 0.000 χ^2 /NDF: 2370006375940216

Left Out: 10.211 $\pm$ 0.000 χ^2 /NDF: 9182284501472159622474315830657024.0/10

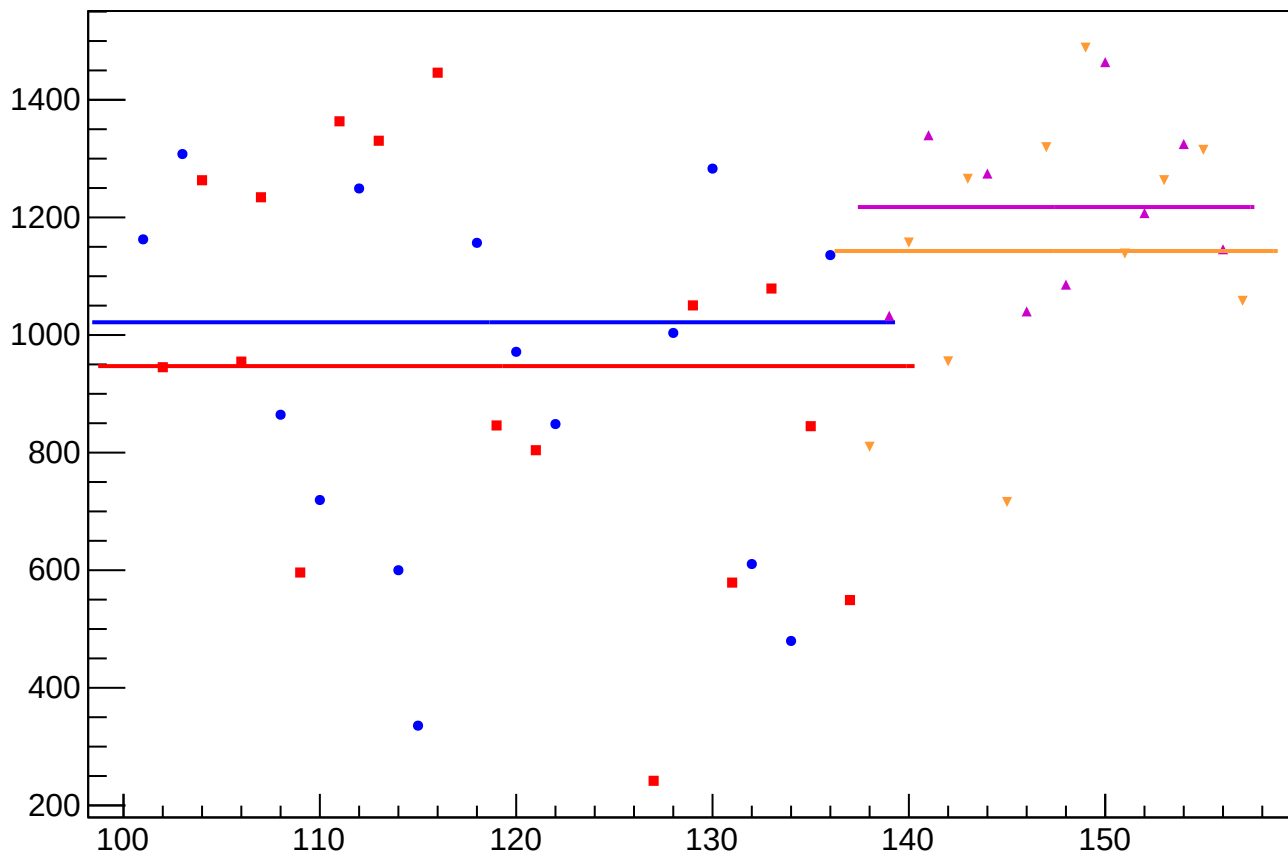
All: 10.430 $\pm$ 0.000 χ^2 /NDF: 4163590994316

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

- sign 10.259 $\pm$ 0.000 χ^2 /NDF: 1785386533229277

Left In: 9.853 $\pm$ 0.000 χ^2 /NDF: 2813400067969382183052844745097216.0/8

dit_11X12X_coil7_Ndata_mean vs Slug



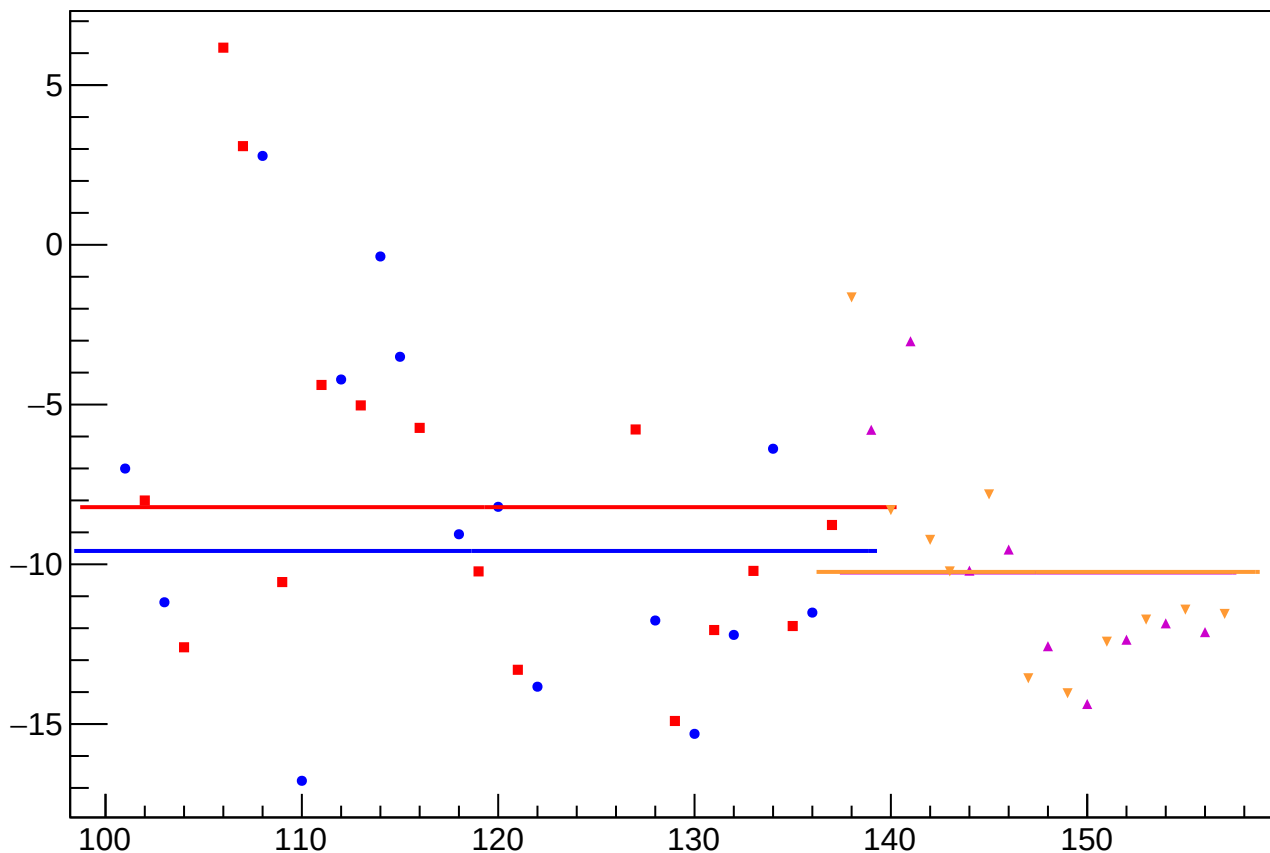
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

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: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

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

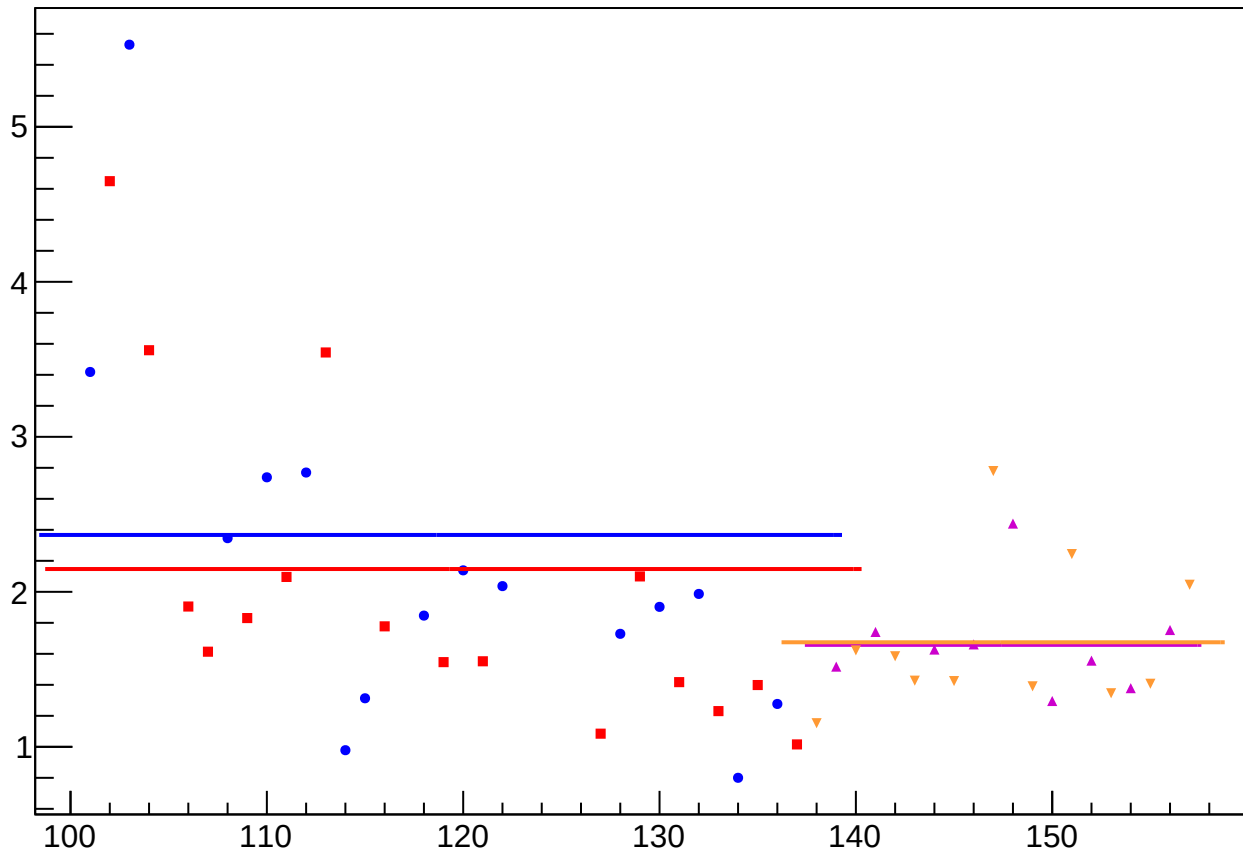
Left In: -10.257+/-0.000 χ^2/NDF : 8990704025583149800894076616179712.0/8

+ sign -9.951+/-0.000 χ^2/NDF : 2433004602253940

All: -9.635+/-0.000 χ^2/NDF : 5342331265479

- sign -9.307+/-0.000 χ^2/NDF : 2878962002727745

dit_4aY_coil7_err_mean vs Slug



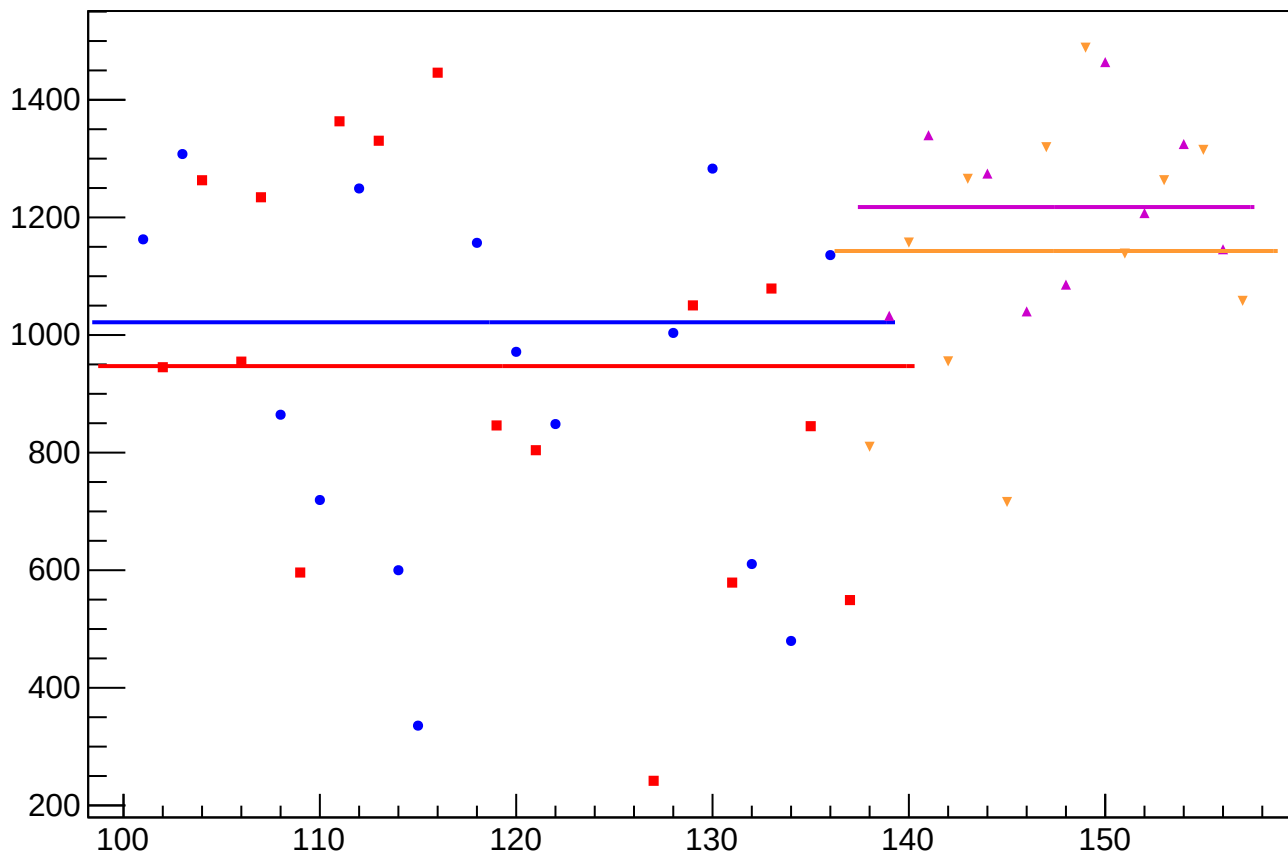
Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

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: 1.658 $\pm$ 0.000 χ^2 /NDF: 74209888349959505914475925471232.0/8

dit_4aY_coil7_Ndata_mean vs Slug



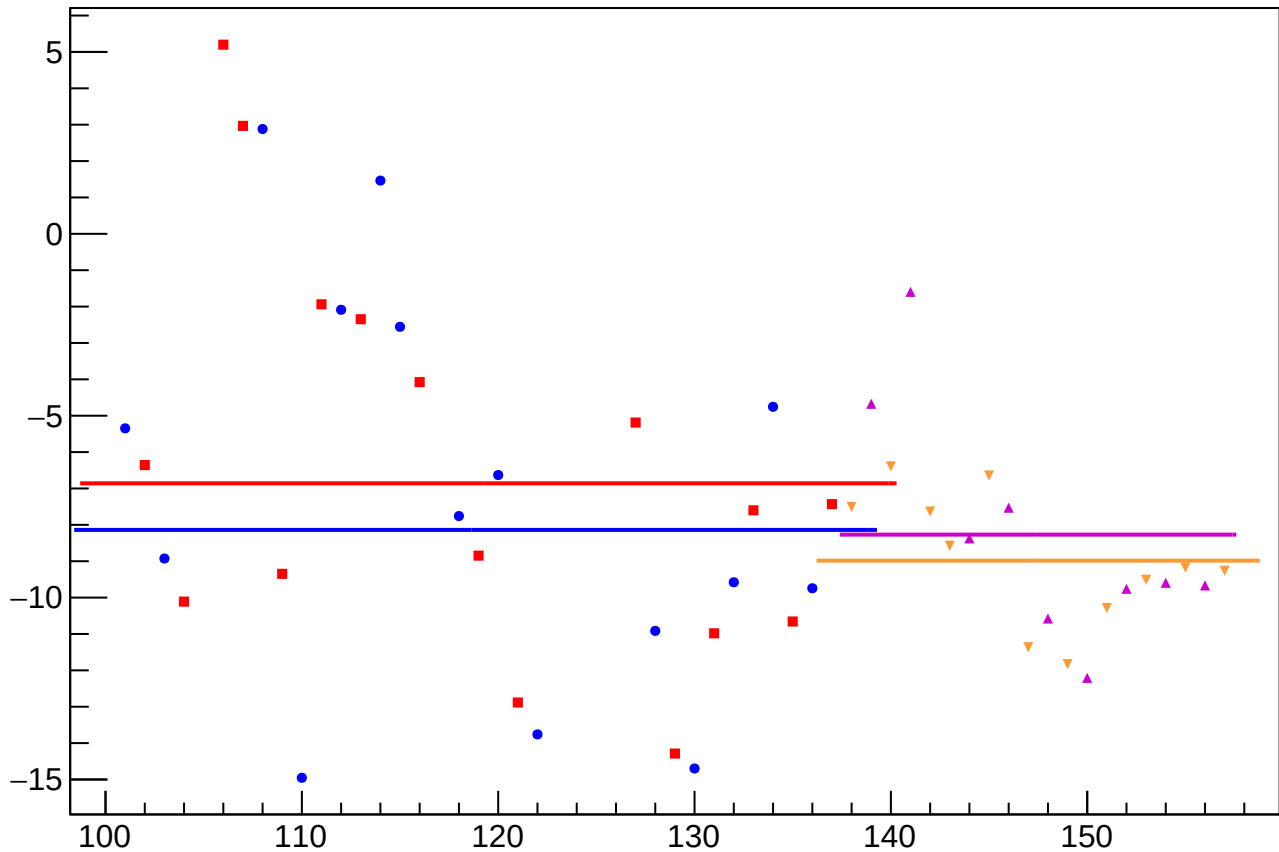
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

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: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

dit_4eY_coil7_mean vs Slug



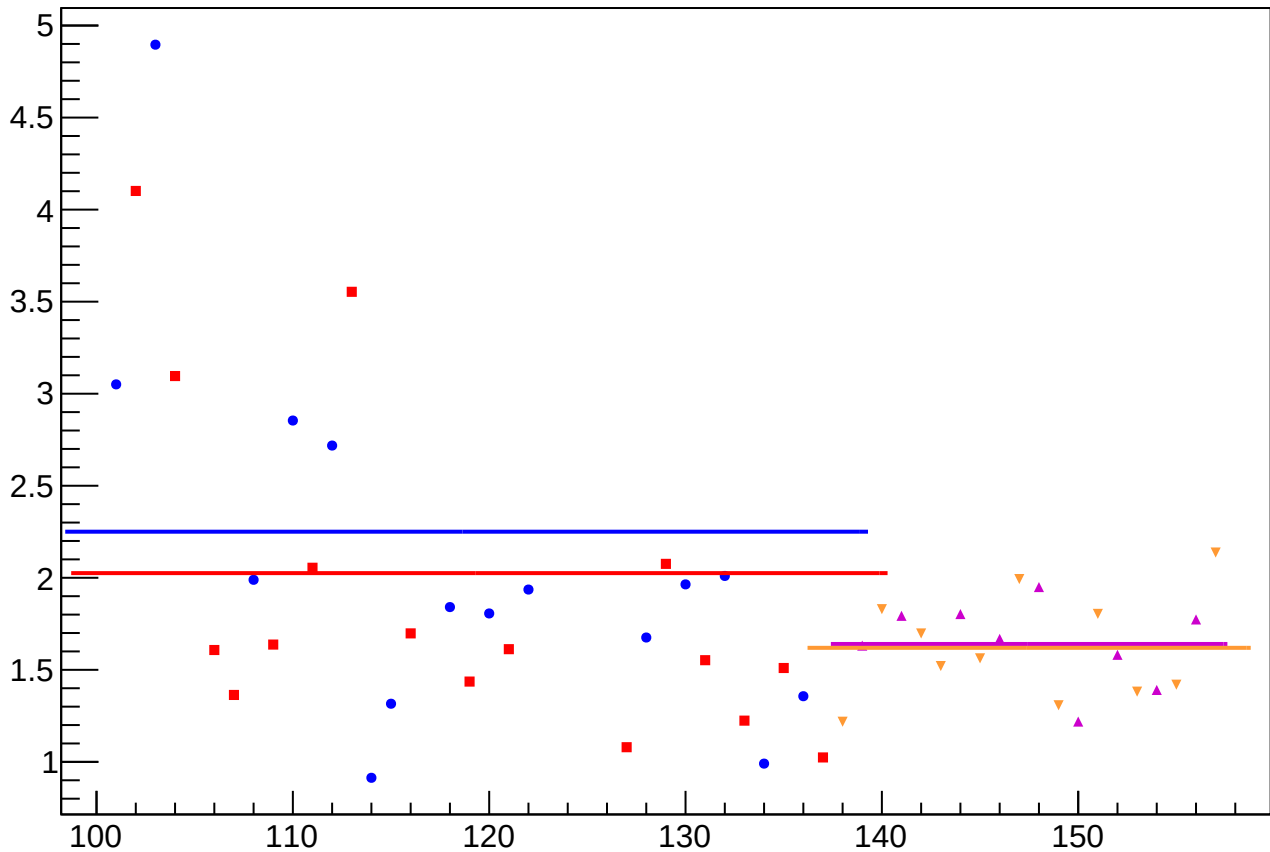
Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -8.984 ± 0.000 χ^2/NDF : 2544629823010847326102417892704256.0/10

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

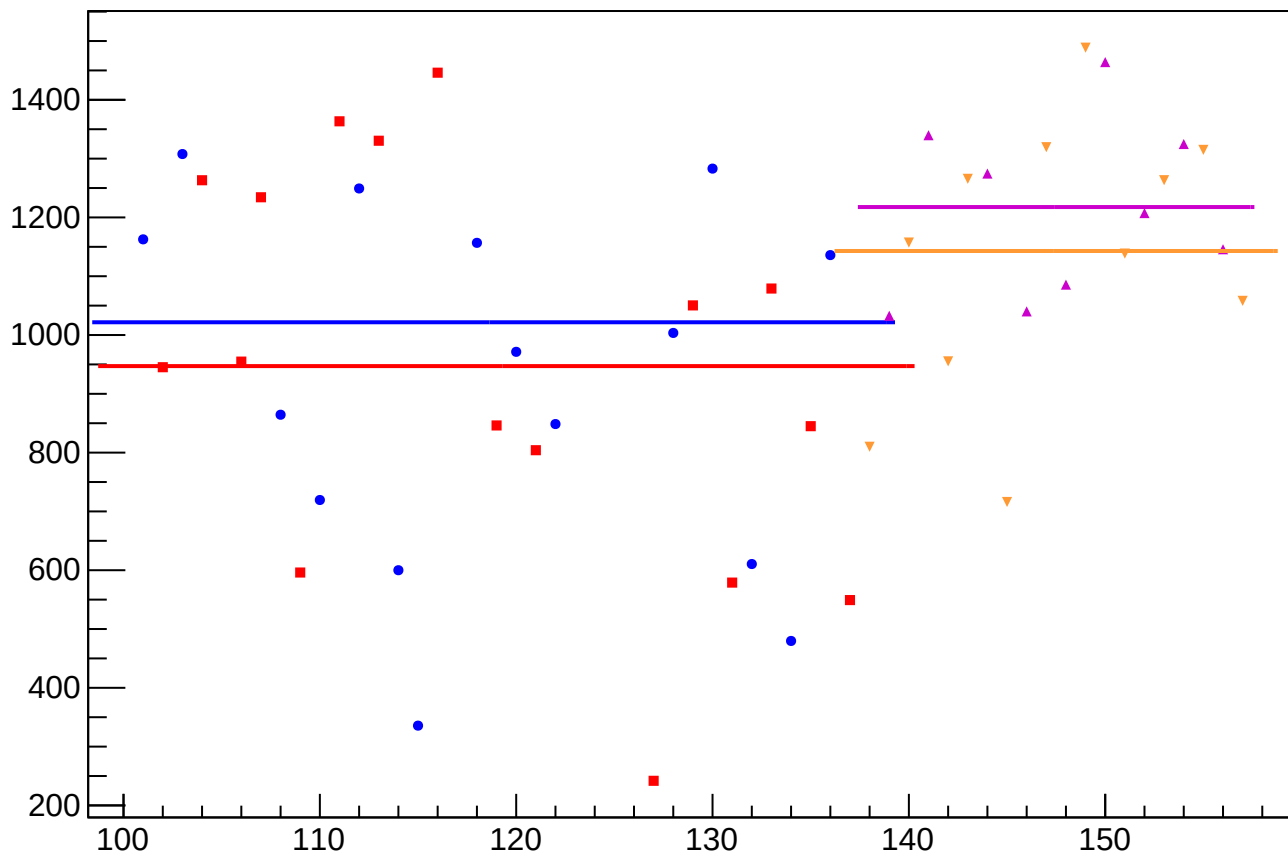
Left In: -8.269 ± 0.000 χ^2/NDF : 7242197282820664149374016264601600.0/8

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.620+/-0.000 χ^2/NDF : 68261797179387446240021883912192.0/10
 Right Out: 2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 1.640+/-0.000 χ^2/NDF : 35880182818008405885596580446208.0/8
 + sign 1.895+/-0.000 χ^2/NDF : 87052304371108162
 All: 1.858+/-0.000 χ^2/NDF : 1542238946691
 - sign 1.819+/-0.000 χ^2/NDF : 66751706534893960

dit_4eY_coil7_Ndata_mean vs Slug



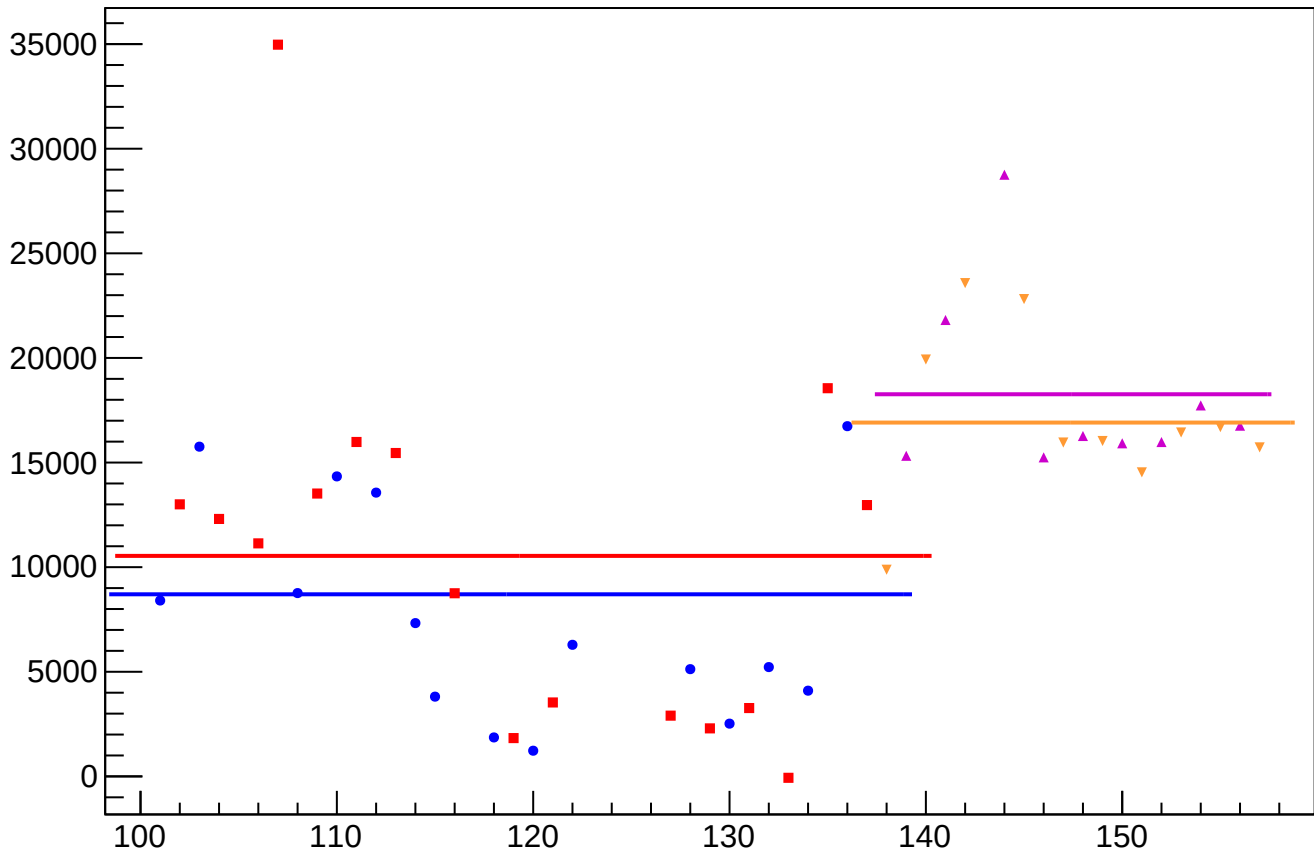
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

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

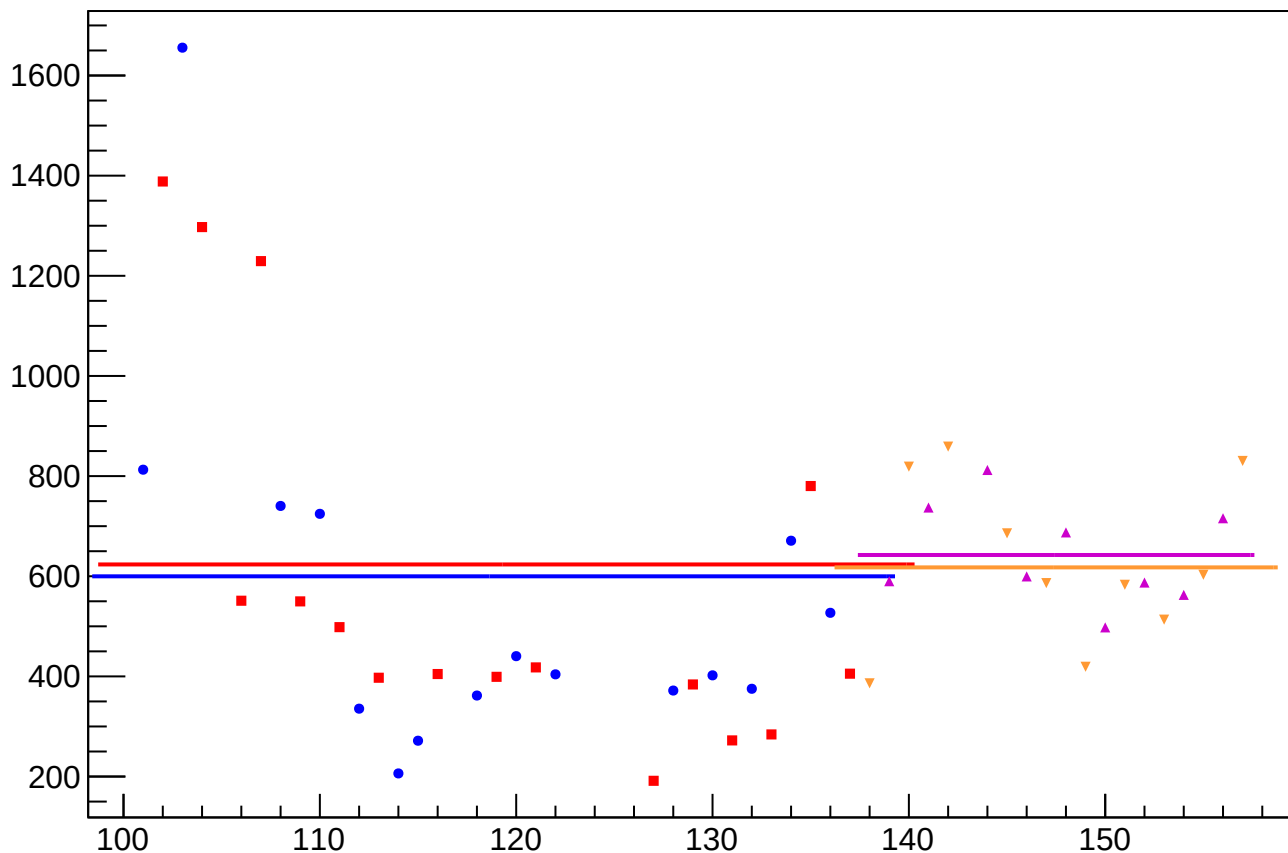
Left In: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

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: 18264.258+/-0.000 χ^2/NDF : 13819035782705778374947484941617121460224.0/8

dit_usl_coil7_err_mean vs Slug



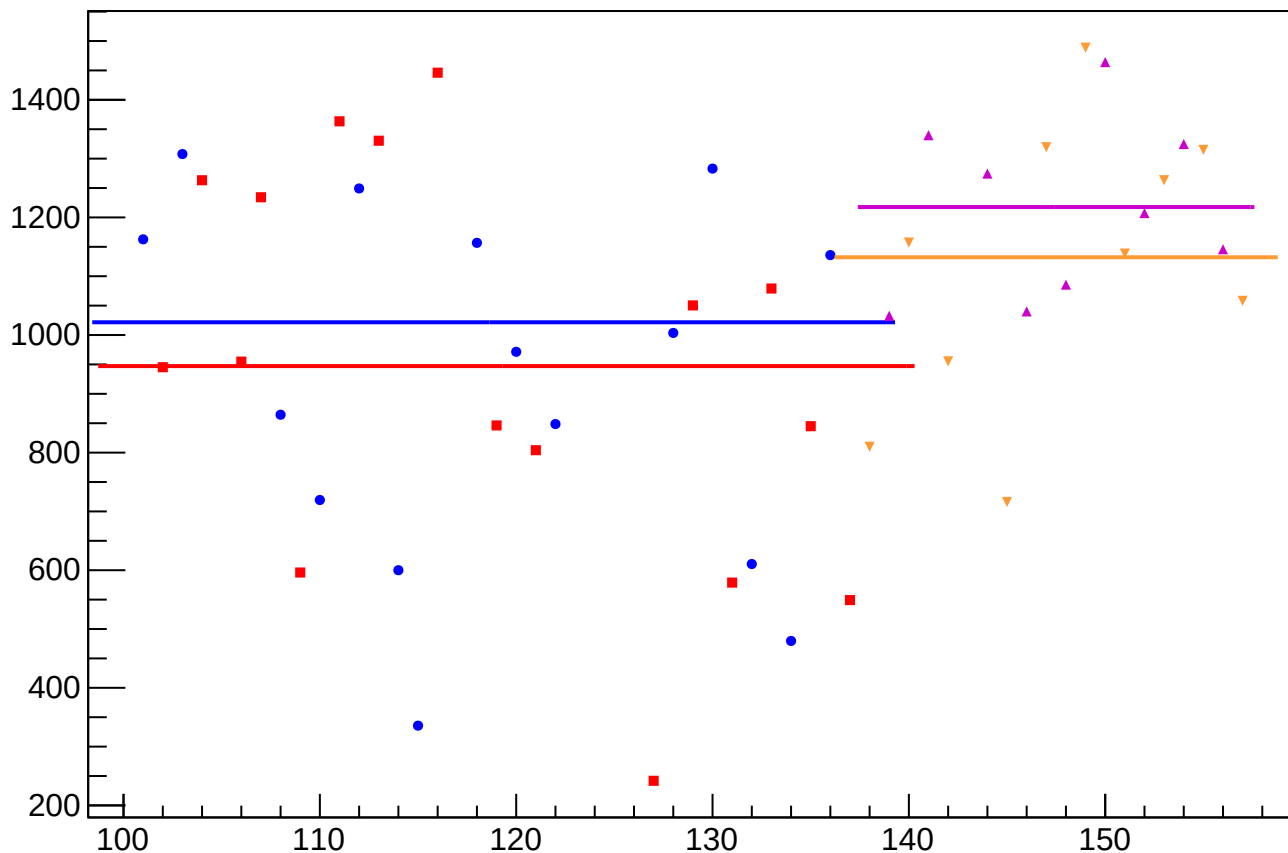
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 617.688+/-0.000 χ^2/NDF : 18541426583103491643880971459486547968.0/9

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

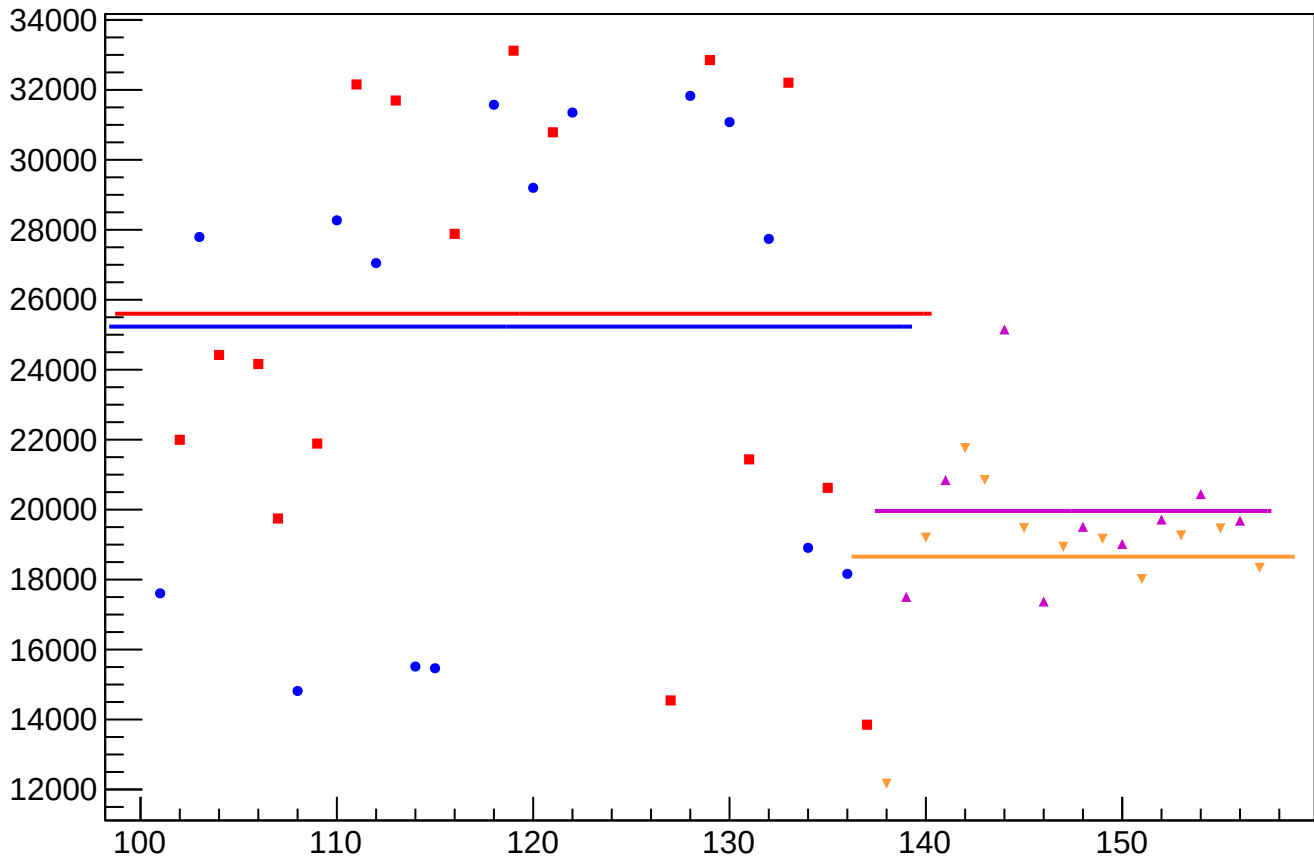
Left In: 642.457+/-0.000 χ^2/NDF : 7034527123942446086688201113692274688.0/8

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1081.668+/-0.000	χ^2/NDF : 86393754205716
Left Out: 1132.226+/-0.000	χ^2/NDF : 41597304998051027682949382867307724800.0/9	All: 1086.869+/-0.000	χ^2/NDF : 19576923457
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1092.008+/-0.000	χ^2/NDF : 10929916792332
Left In: 1217.657+/-0.000	χ^2/NDF : 15376746273228765219389229522443304960.0/8		

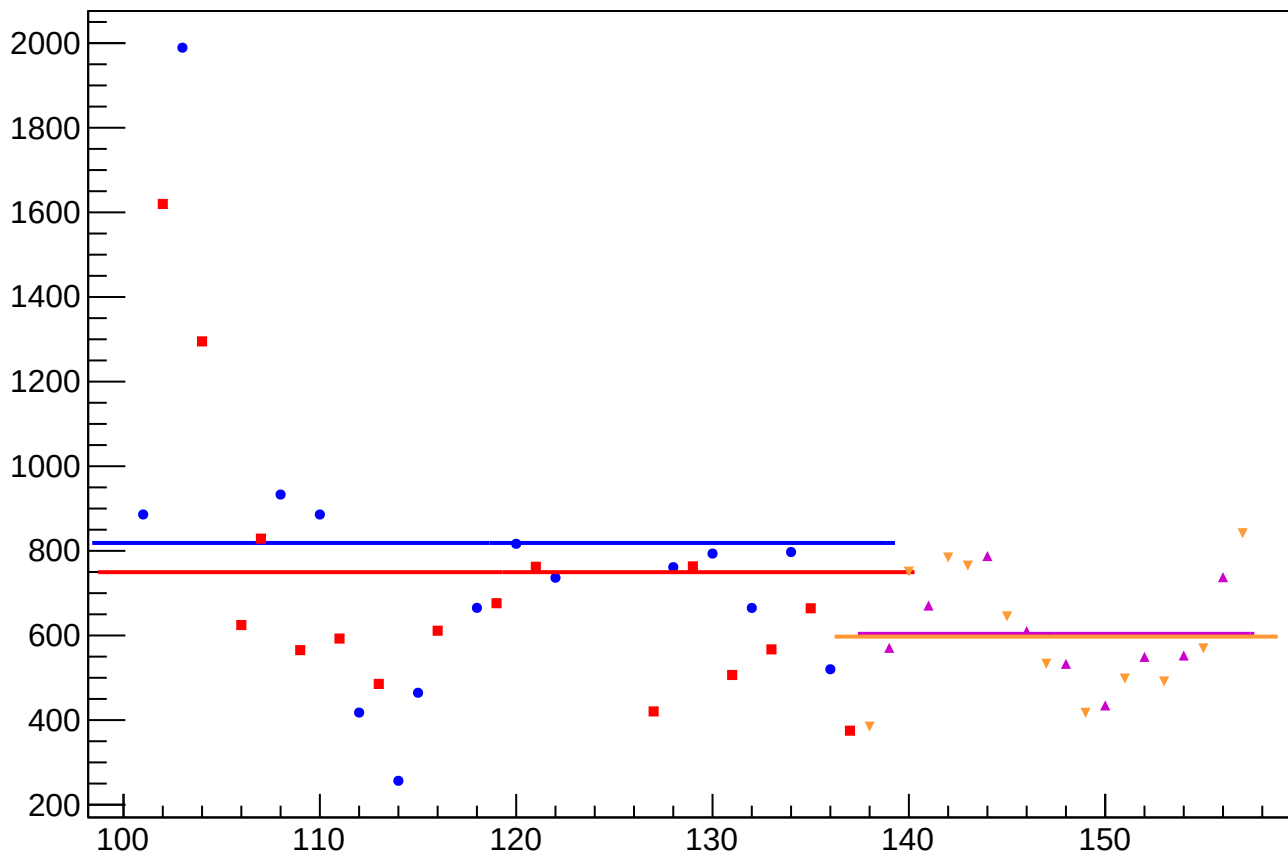
dit_usr_coil7_mean vs Slug



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: 19961.082+/-0.000	χ^2/NDF : 3639400231776096018912009671195368620032.0/8

+ sign 21528.475+/-0.000 χ^2/NDF : 4462347600130
 All: 22045.692+/-0.000 χ^2/NDF : 8479478929
 - sign 22580.918+/-0.000 χ^2/NDF : 3936242298313

dit_usr_coil7_err_mean vs Slug



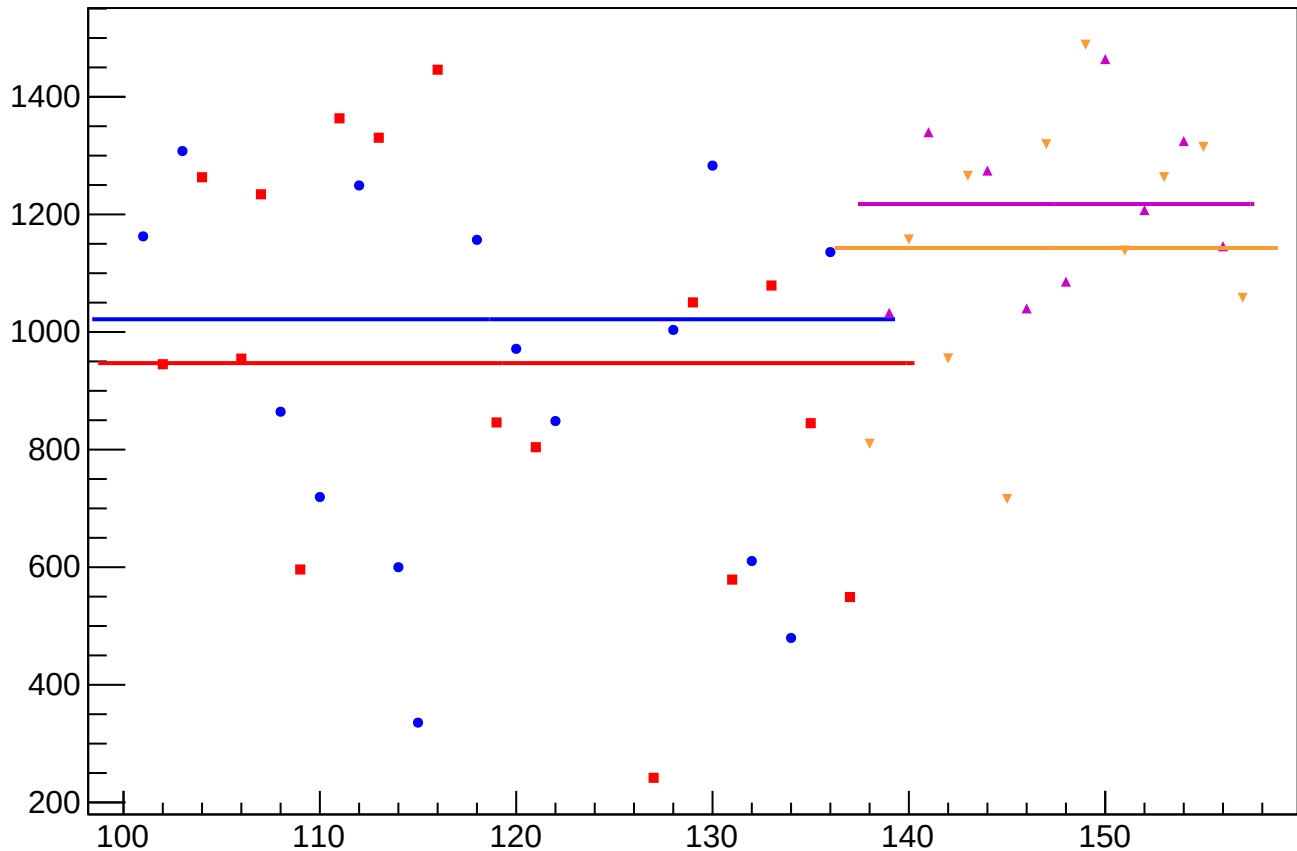
Right In: 818.668 ± 0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 597.290 ± 0.000 χ^2/NDF : 18674943192736808163384662919487684608.0/10

Right Out: 749.661 ± 0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

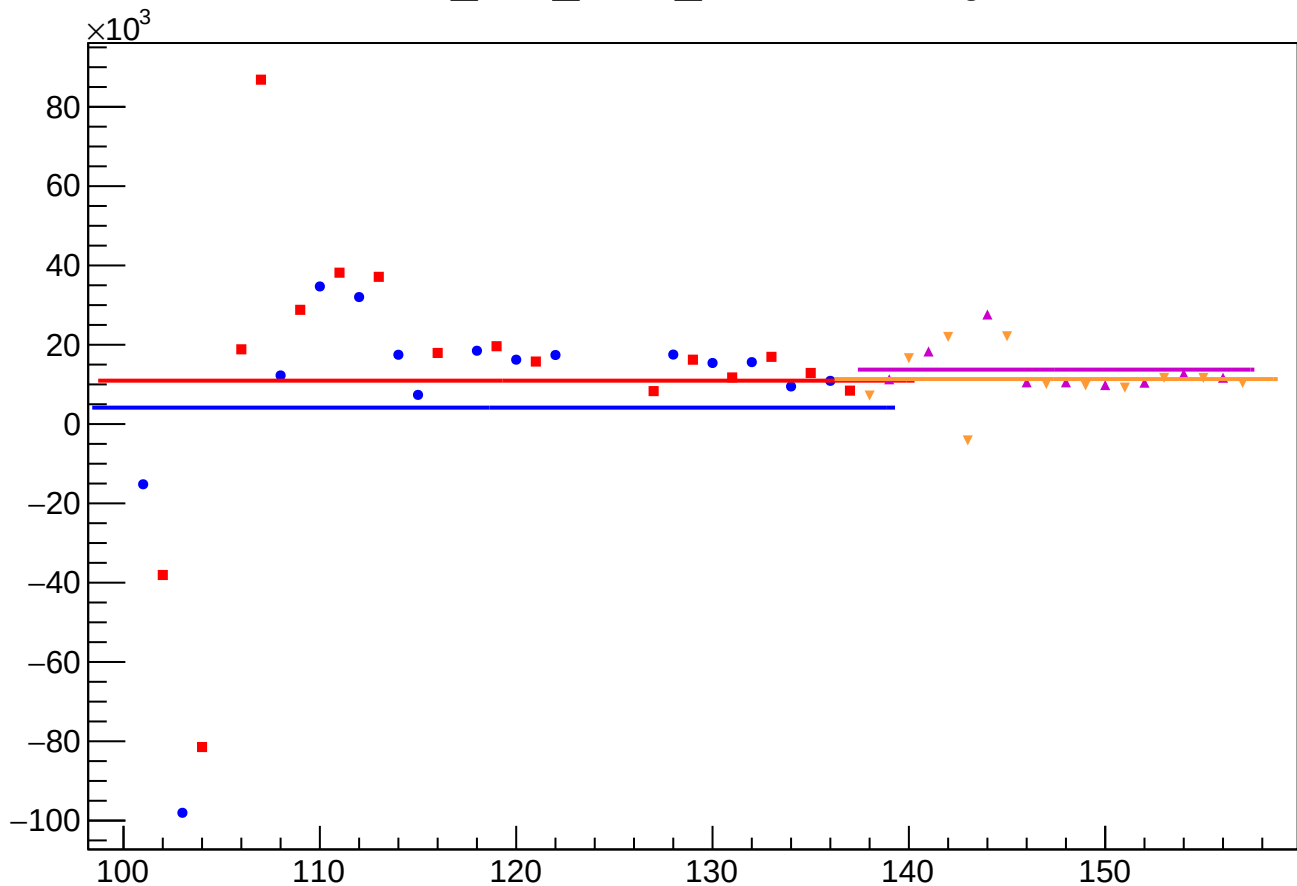
Left In: 603.842 ± 0.000 χ^2/NDF : 8433344734601540327699645033267331072.0/8

dit_usr_coil7_Ndata_mean vs Slug



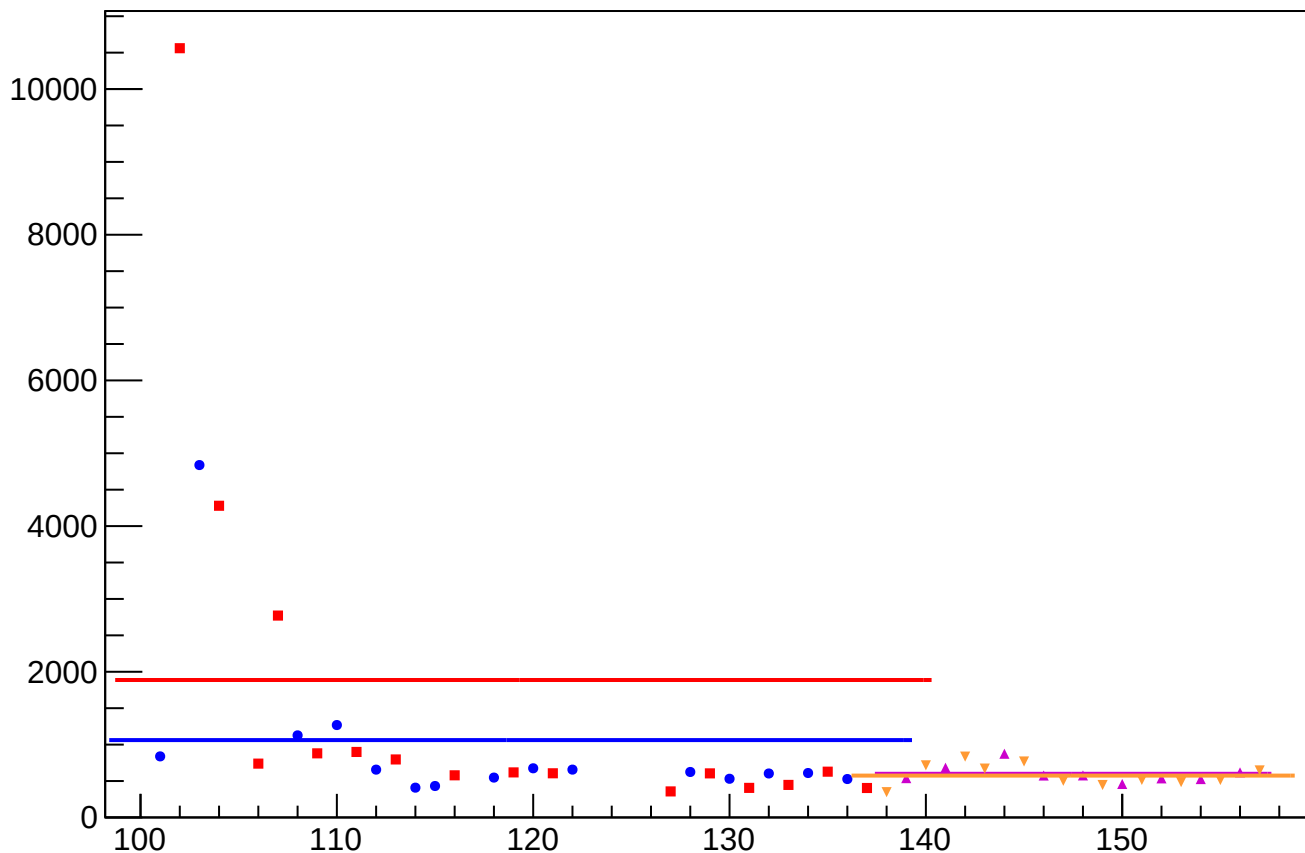
Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1142.908 +/- 0.000 χ^2/NDF : 42694917457780139943000905132443435008.0/10
 Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1217.657 +/- 0.000 χ^2/NDF : 15376746273228765219389229522443304960.0/8

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11348.016+/-0.000 χ^2/NDF : 35079809027072557617954674606138099499008.0/10
 Right Out: 10948.073+/-0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 13728.232+/-0.000 χ^2/NDF : 23927949063386724984112342955054833074176.0/8
 All: 10283.348+/-0.000 χ^2/NDF : 1731472543
 + sign 8202.267+/-0.000 χ^2/NDF : 81773858810474
 - sign 12436.891+/-0.000 χ^2/NDF : 9006384307162

dit_atl1_coil7_err_mean vs Slug



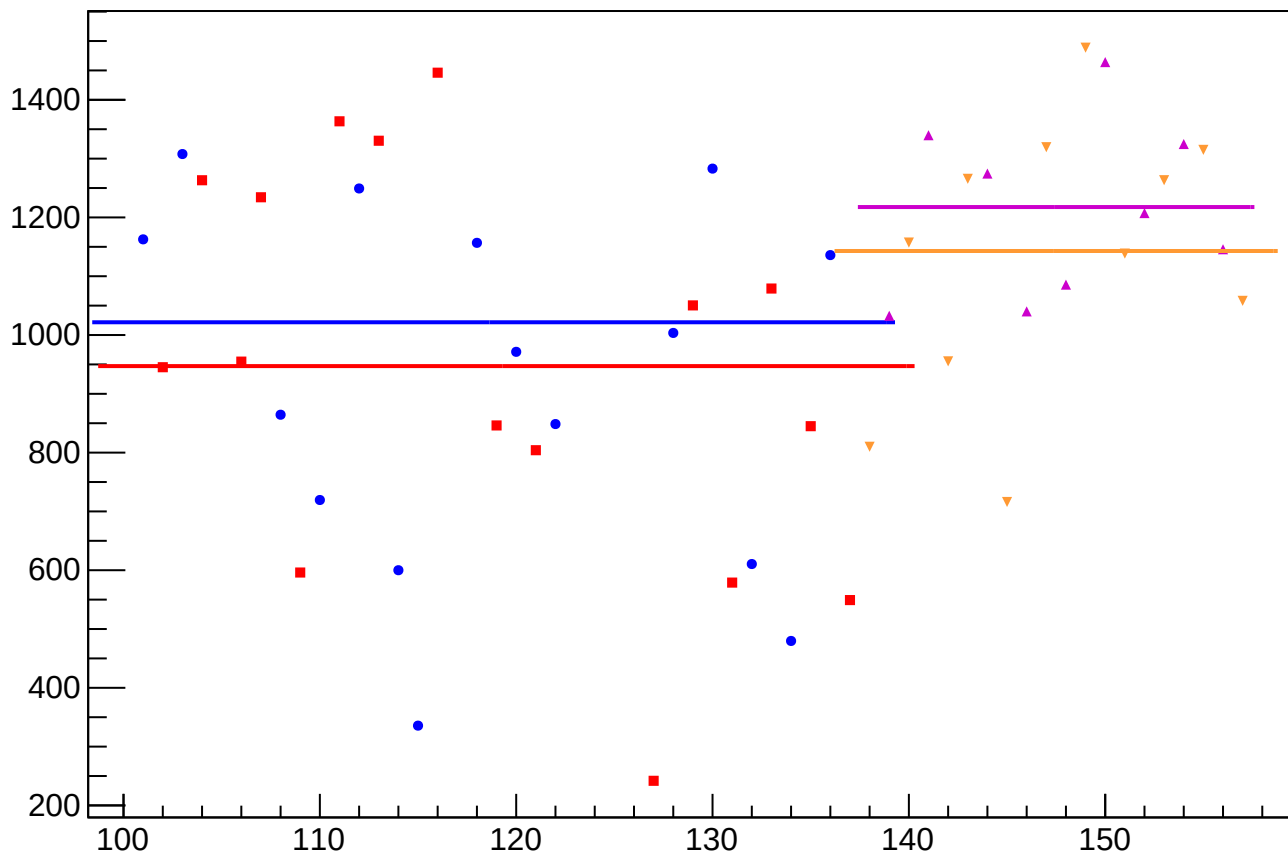
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

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: 599.375+/-0.000 χ^2/NDF : 10333377587022705949003801476991025152.0/8

dit_atl1_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

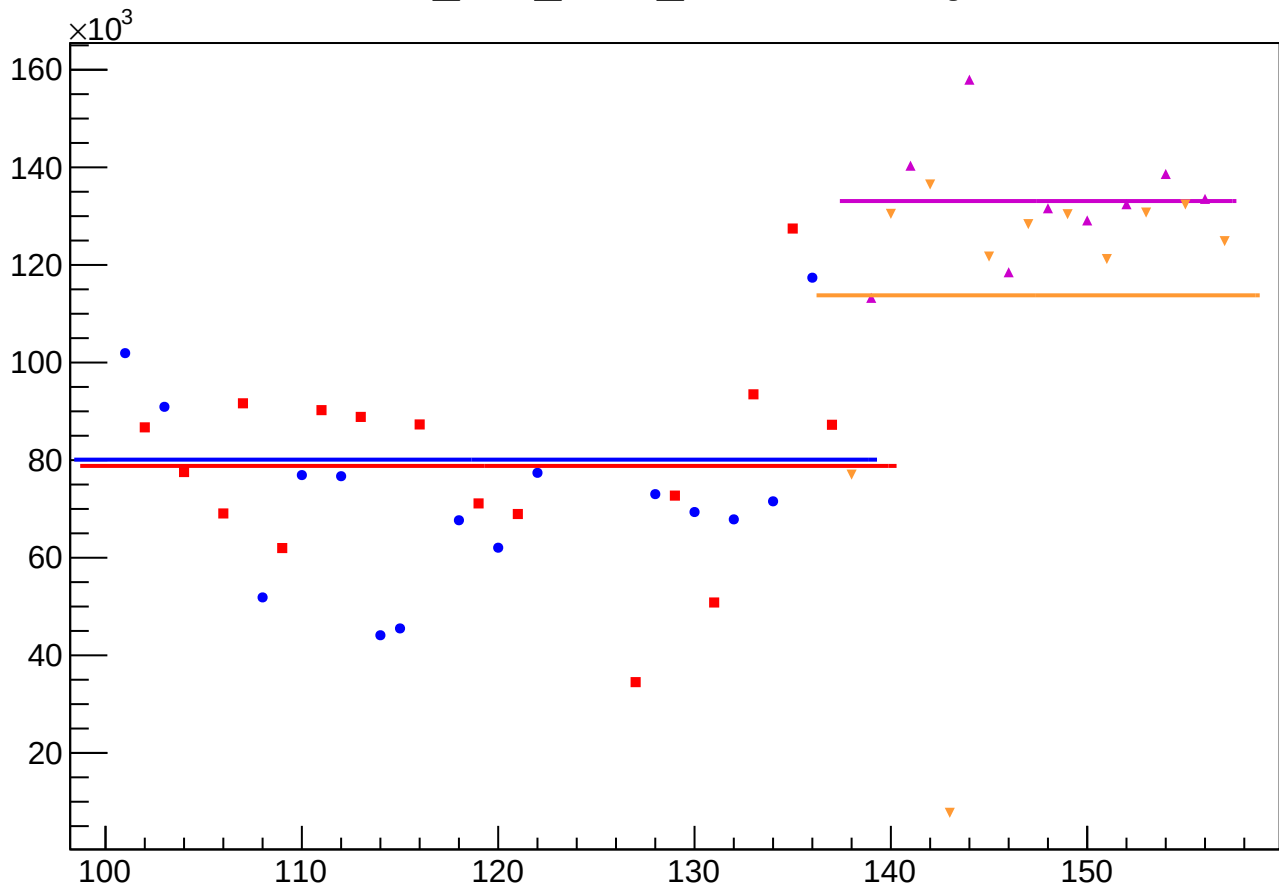
Left In: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

+ sign 1089.964 $\pm$ 0.000 χ^2 /NDF: 88559915875439

All: 1090.969 $\pm$ 0.000 χ^2 /NDF: 19786213495

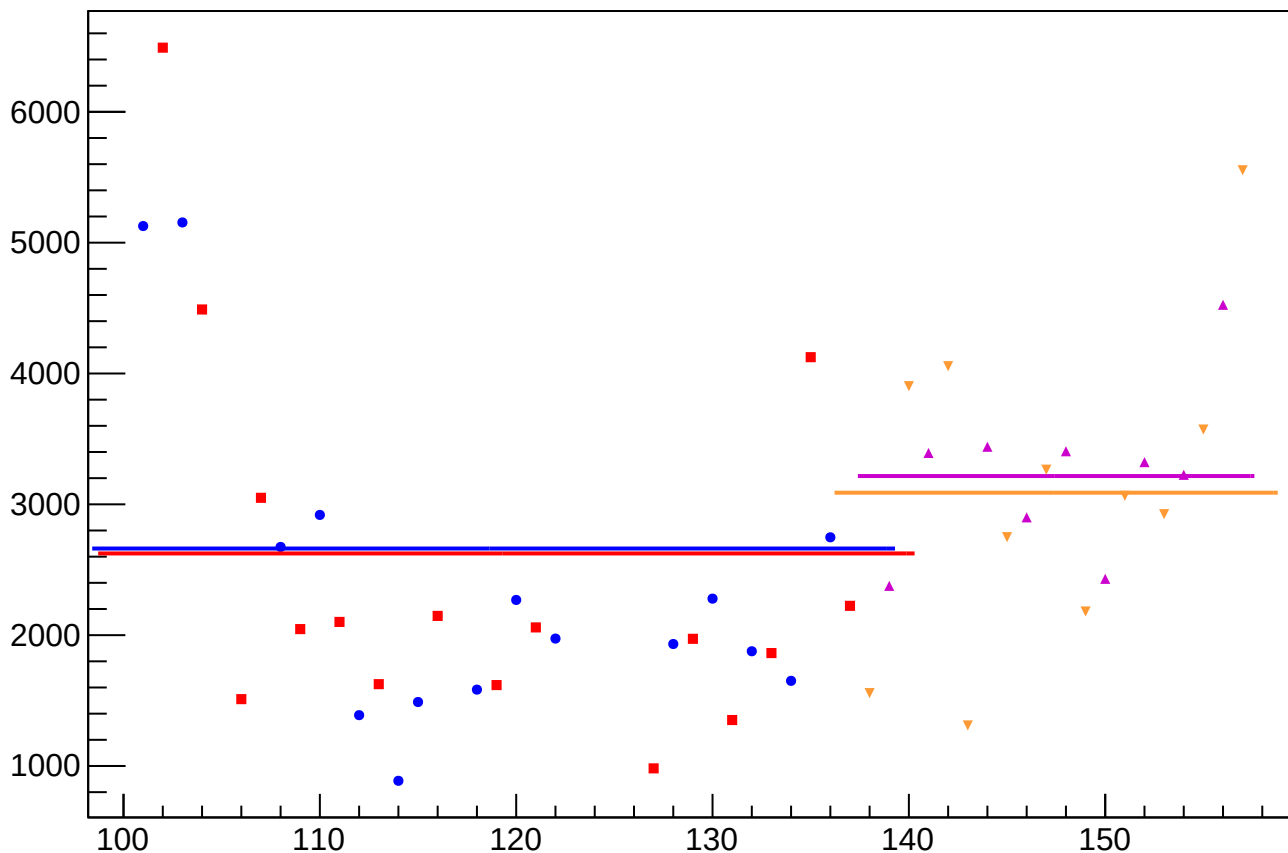
- sign 1092.008 $\pm$ 0.000 χ^2 /NDF: 10929916792332

dit_atl2_coil7_mean vs Slug



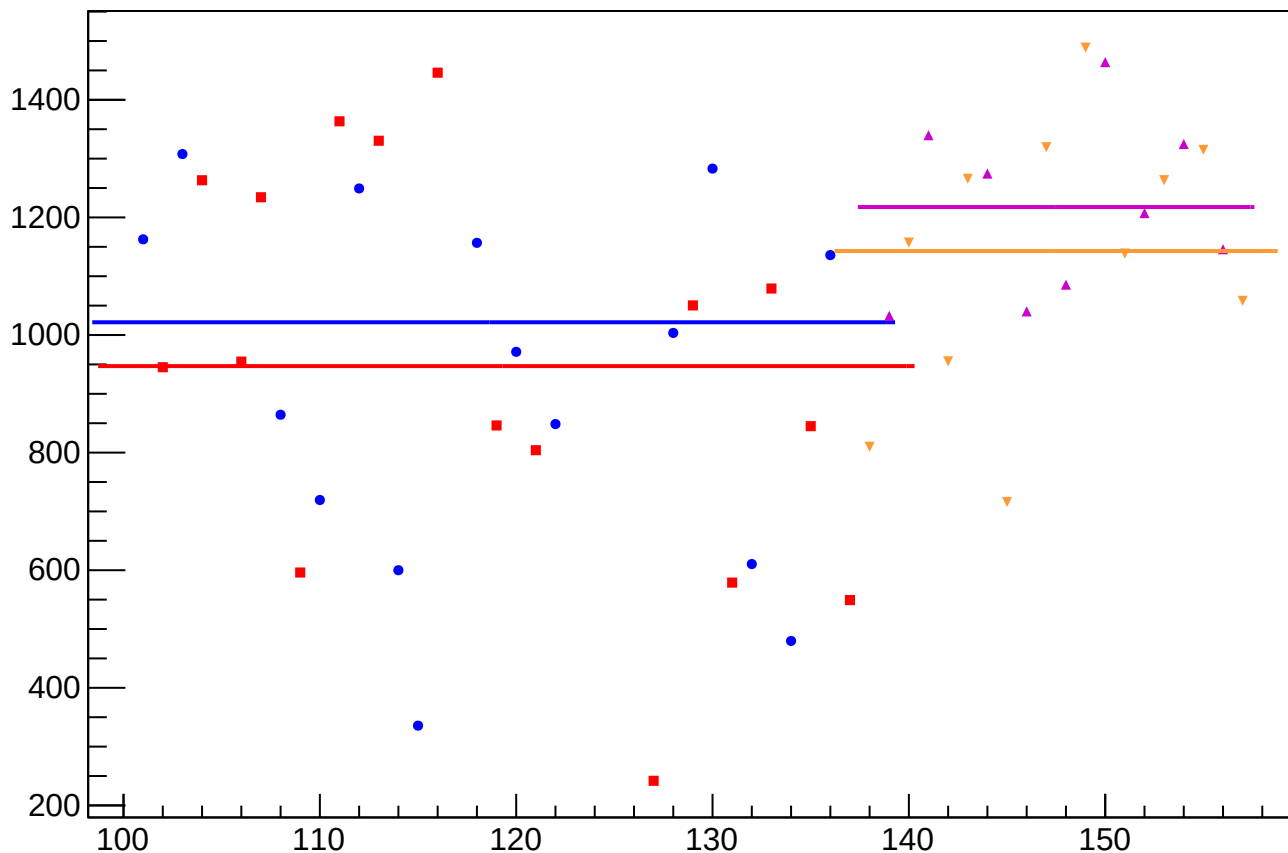
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 113775.402 $\pm$ 0.000 χ^2 /NDF: 1016391338486677360998487585630976655491072.0/10
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 133095.245 $\pm$ 0.000 χ^2 /NDF: 113467052853728592451331823731193816285184.0/8

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: 2921.649+/-0.000	χ^2/NDF : 41346817920
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15	- sign 2941.454+/-0.000	χ^2/NDF : 19613644299378
Left In: 3216.197+/-0.000	χ^2/NDF : 269688584544652397691726312658989744128.0/8		

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

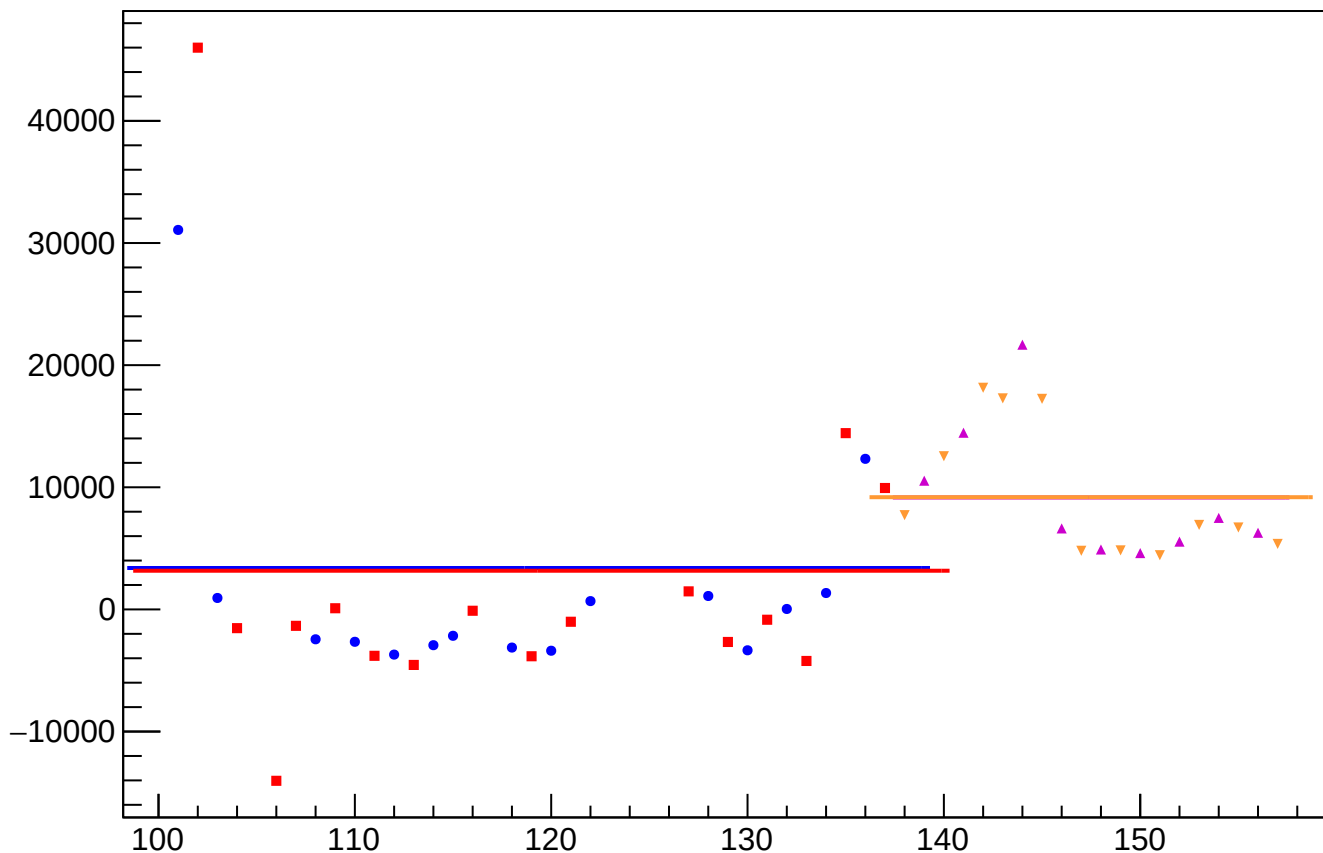
Left Out: 1142.908+/-0.000 χ^2/NDF : 42694917457780139943000905132443435008.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1217.657+/-0.000 χ^2/NDF : 15376746273228765219389229522443304960.0/8

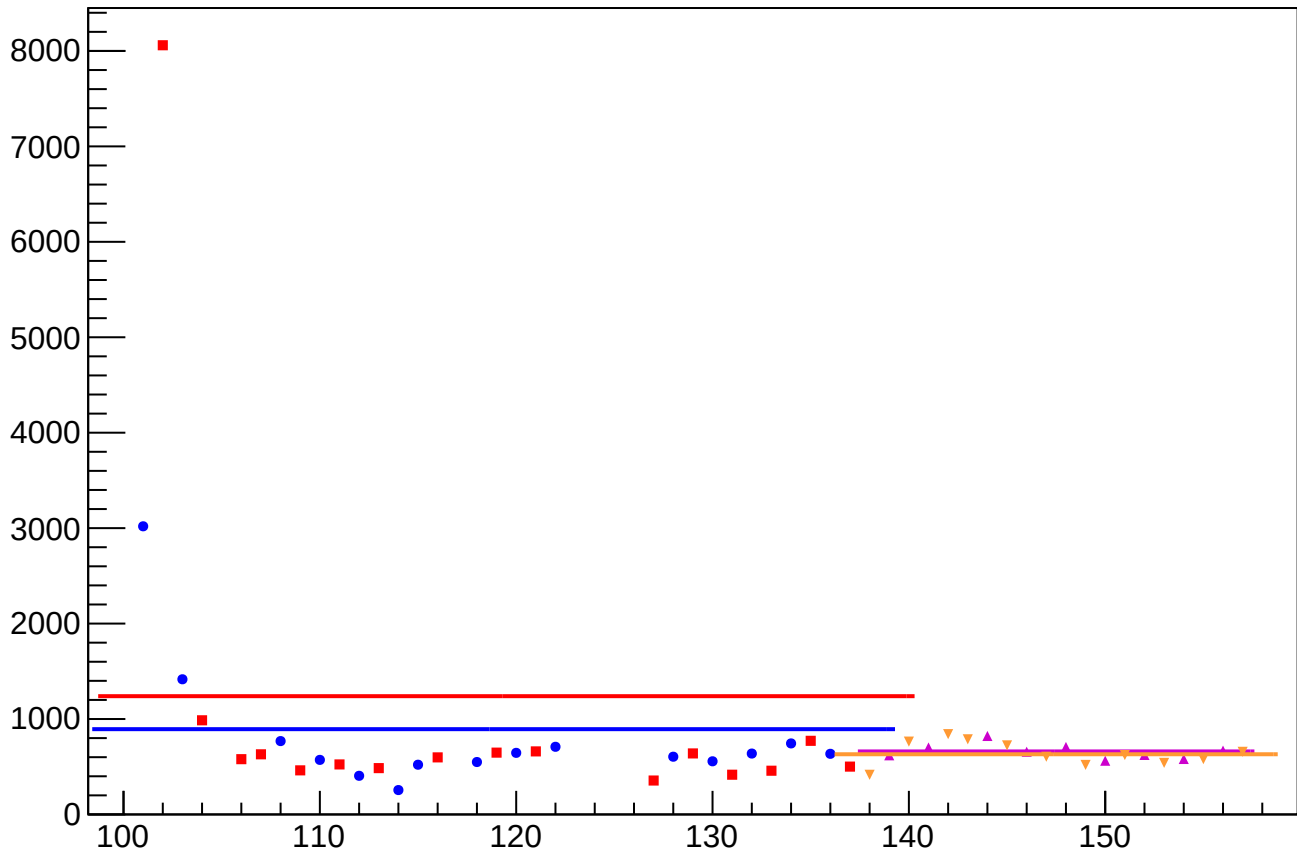
+ sign 1089.964+/-0.000 χ^2/NDF : 88559915875439
 All: 1090.969+/-0.000 χ^2/NDF : 19786213495
 - sign 1092.008+/-0.000 χ^2/NDF : 10929916792332

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: 9163.601+/-0.000 χ^2/NDF : 22467224803938464294983584638189432733696.0/8
 All: 6519.602+/-0.000 χ^2/NDF : 2726203908
 + sign 6656.000+/-0.000 χ^2/NDF : 99500490097548
 - sign 6378.456+/-0.000 χ^2/NDF : 17306364627248

dit_atr1_coil7_err_mean vs Slug



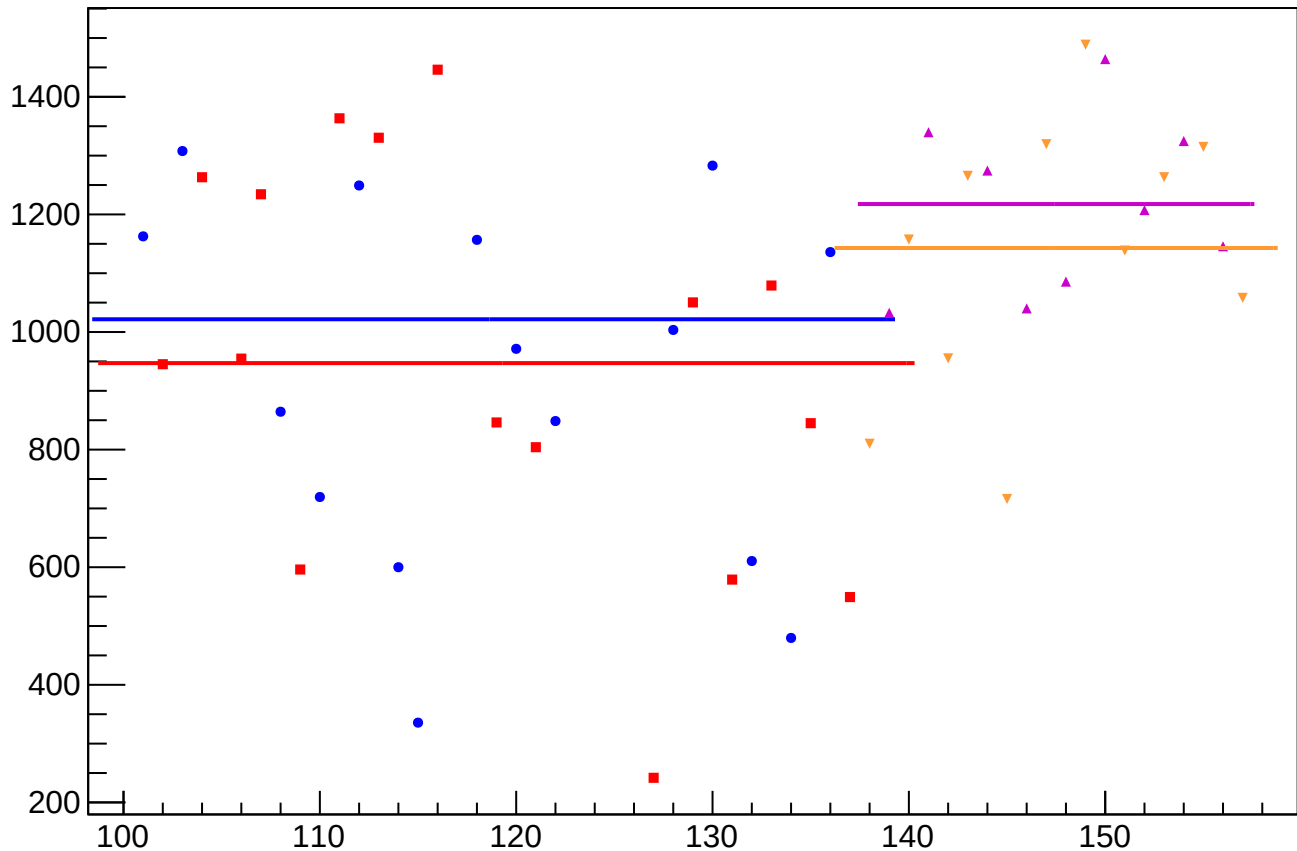
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 630.798+/-0.000 χ^2/NDF : 11488651482906633657142804100264493056.0/10

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

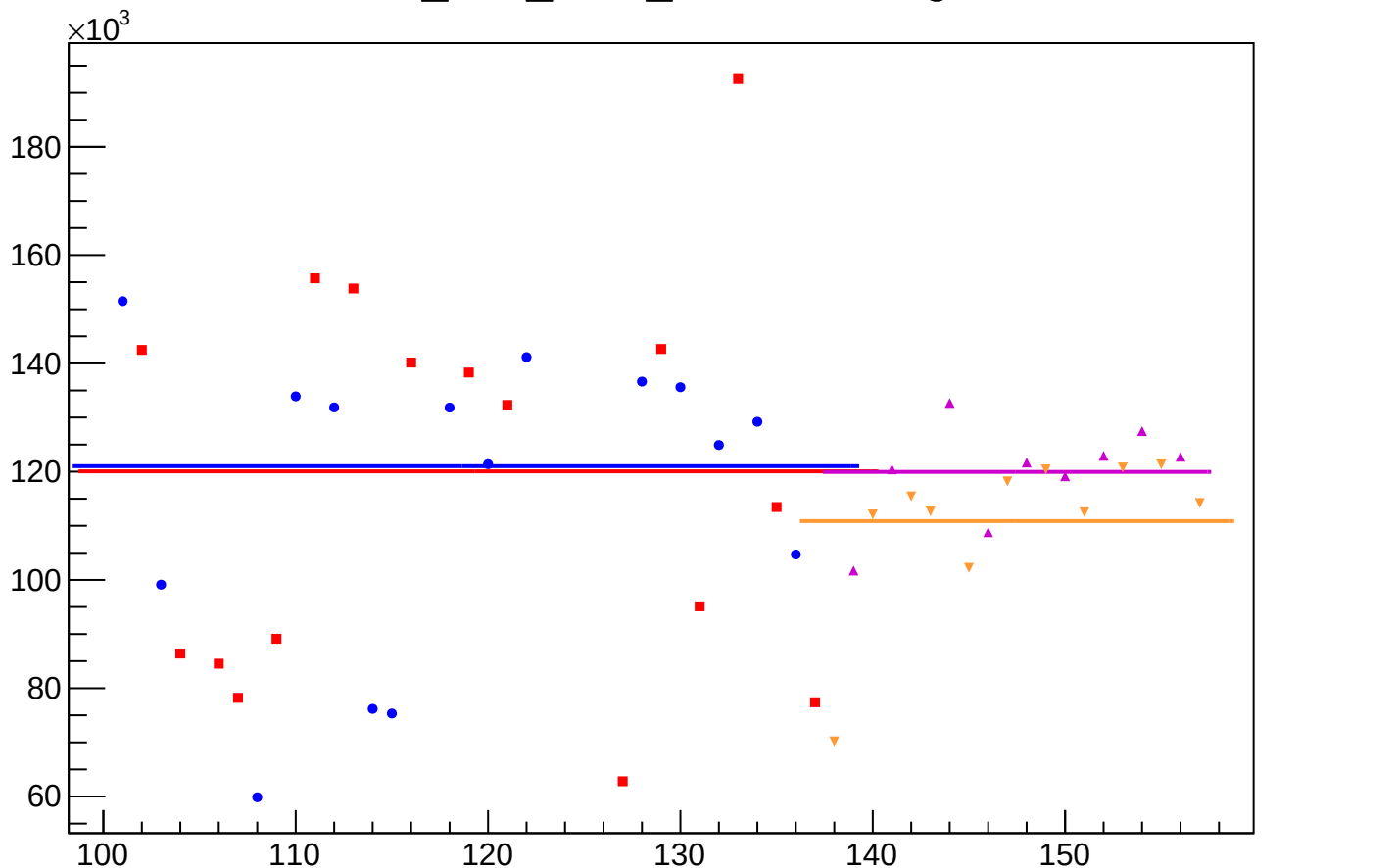
Left In: 660.338+/-0.000 χ^2/NDF : 4343570193772849932549914136504434688.0/8

dit_atr1_coil7_Ndata_mean vs Slug



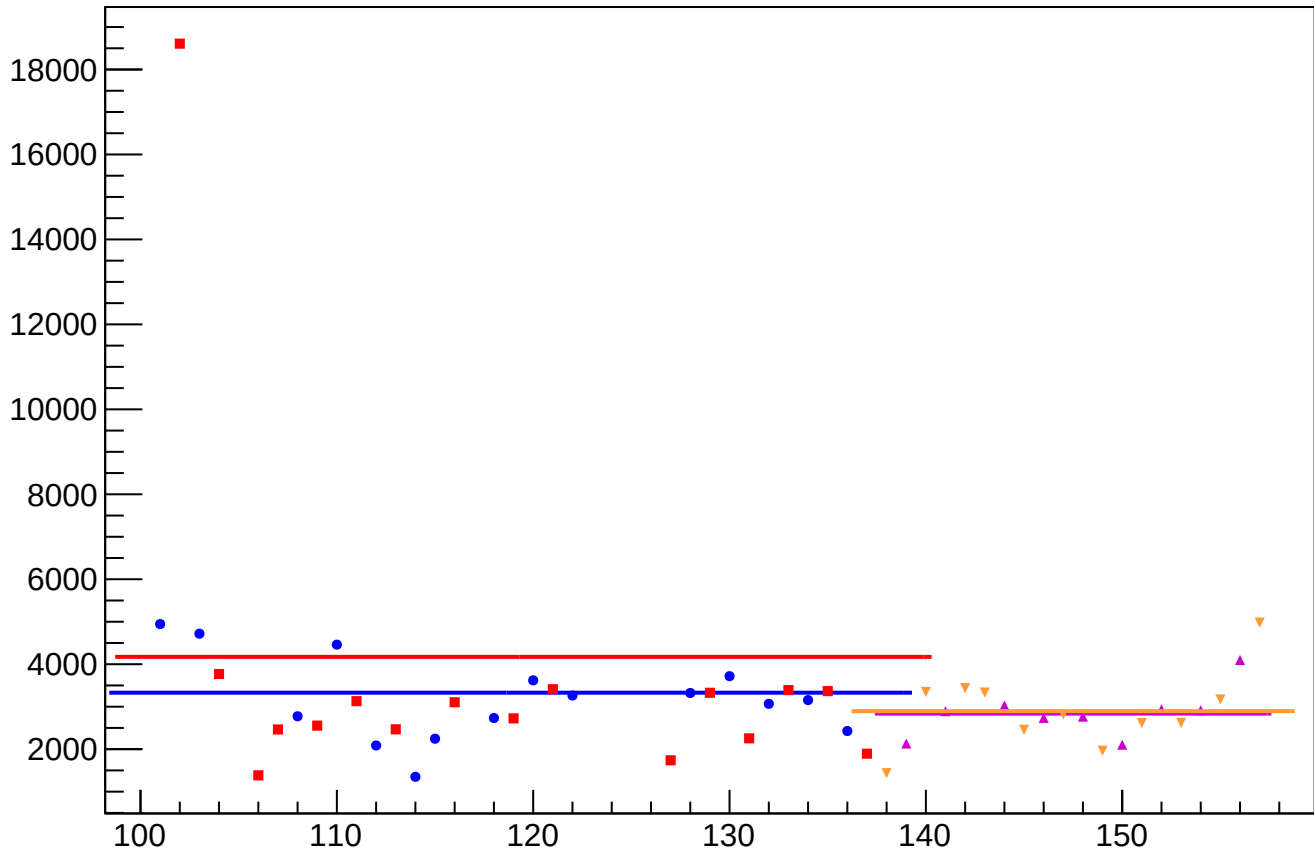
Right In: 1021.684 $\pm$ 0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1089.964 $\pm$ 0.000	χ^2/NDF : 88559915875439
Left Out: 1142.908 $\pm$ 0.000	χ^2/NDF : 42694917457780139943000905132443435008.0/10	All: 1090.969 $\pm$ 0.000	χ^2/NDF : 19786213495
Right Out: 947.145 $\pm$ 0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1092.008 $\pm$ 0.000	χ^2/NDF : 10929916792332
Left In: 1217.657 $\pm$ 0.000	χ^2/NDF : 15376746273228765219389229522443304960.0/8		

dit_atr2_coil7_mean vs Slug



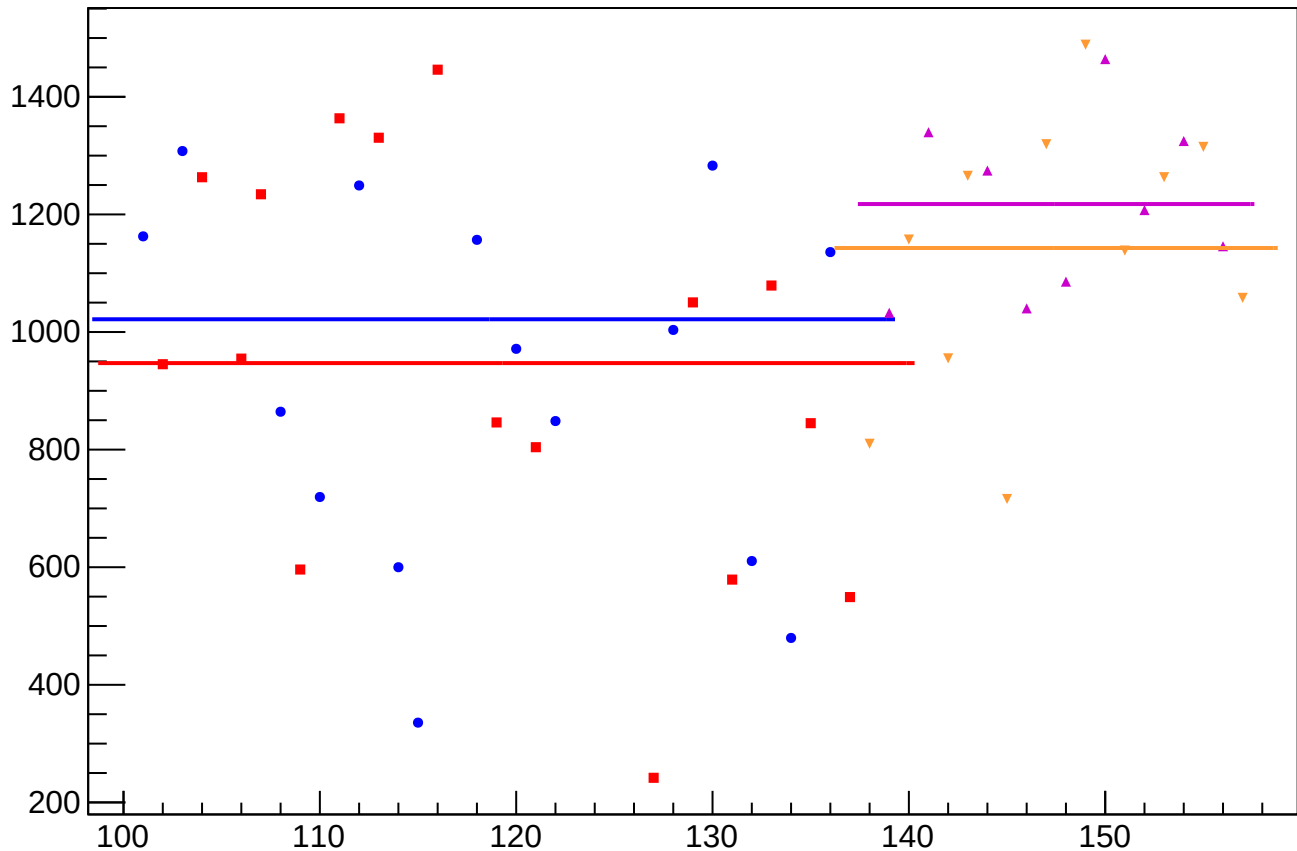
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 110870.491 $\pm$ 0.000 χ^2 /NDF: 166521835489624808207972802823557010685952.0/10
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 119955.400 $\pm$ 0.000 χ^2 /NDF: 58404777561712596890102472880104094564352.0/8

dit_atr2_coil7_err_mean vs Slug



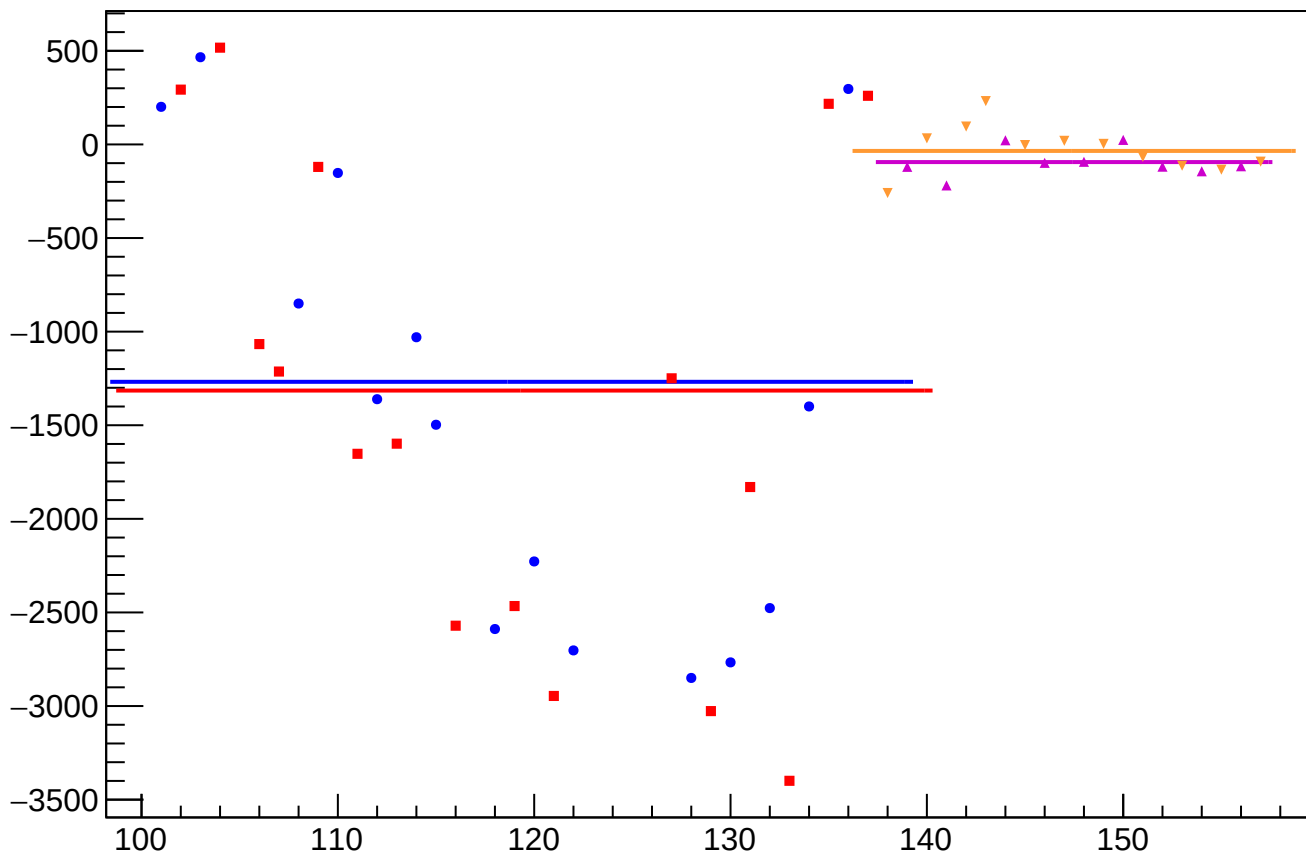
Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2894.288+/-0.000 χ^2/NDF : 659476081963254599055514088354265169920.0/10
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2838.101+/-0.000 χ^2/NDF : 222418599107296952442999944760596103168.0/8

dit_atr2_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: 1217.657 +/- 0.000 χ^2/NDF : 15376746273228765219389229522443304960.0/8

dit_sam1_coil7_mean vs Slug



Right In: -1268.061 ± 0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: -34.685 ± 0.000 χ^2/NDF : 11929964485371067846192164587974950912.0/10

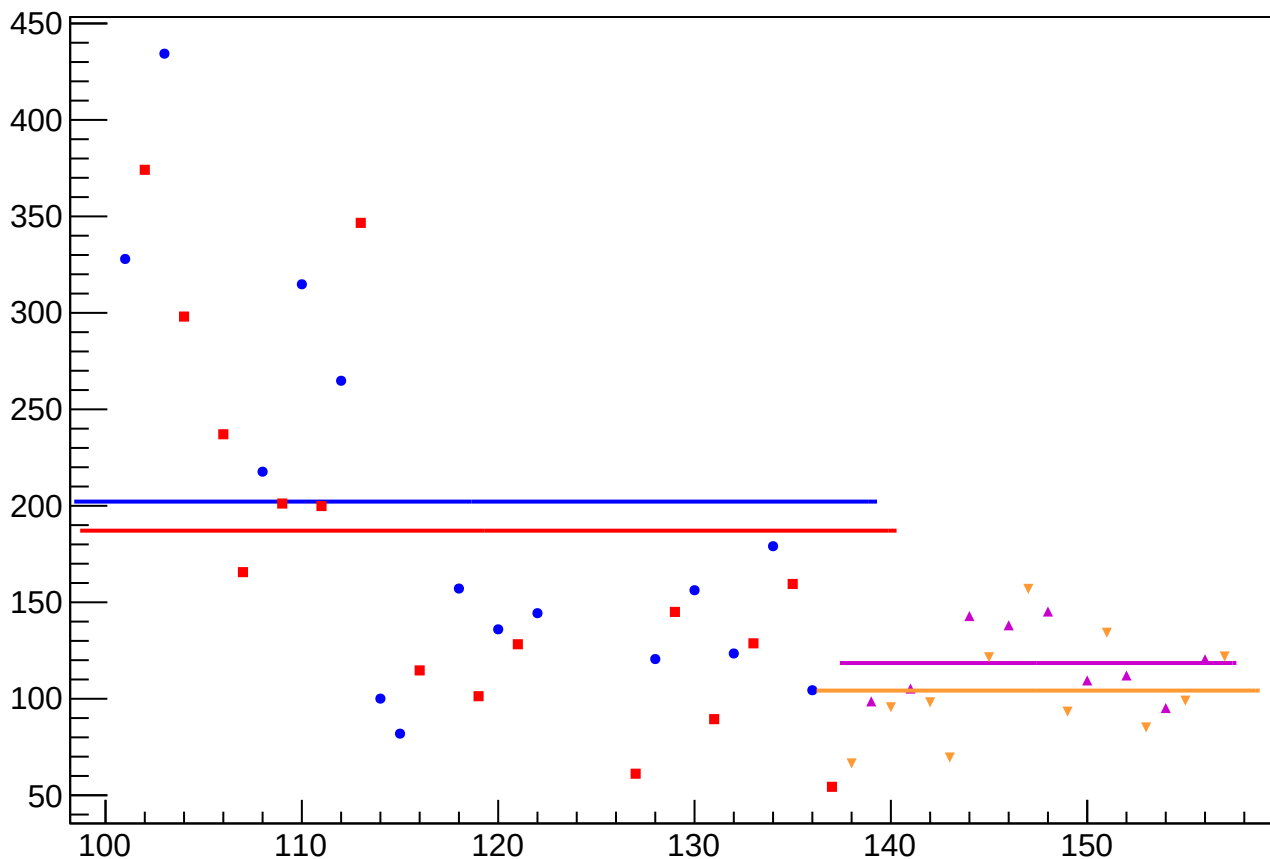
Right Out: -1314.767 ± 0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: -94.268 ± 0.000 χ^2/NDF : 4169423628139127340987297545293135872.0/8

All: -616.511 ± 0.000 χ^2/NDF : 33006449762

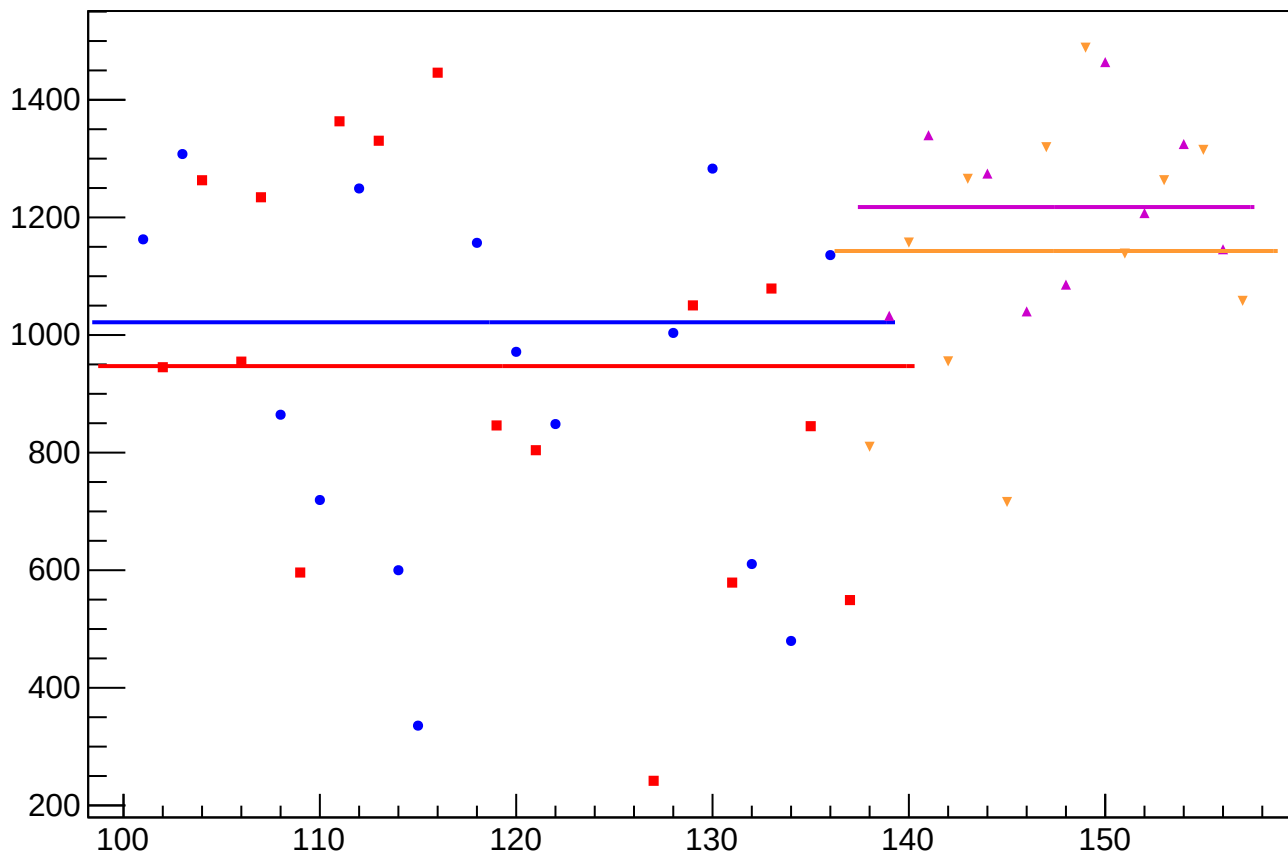
- sign -661.171 ± 0.000 χ^2/NDF : 163471579380660

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: 148.677+/-0.000	χ^2/NDF : 192827399414
Right Out: 187.126+/-0.000	χ^2/NDF : 6230029491605524746936515809941389312.0/15	- sign 150.390+/-0.000	χ^2/NDF : 816180193678227
Left In: 118.527+/-0.000	χ^2/NDF : 250898115346827817012528317747691520.0/8		

dit_sam1_coil7_Ndata_mean vs Slug



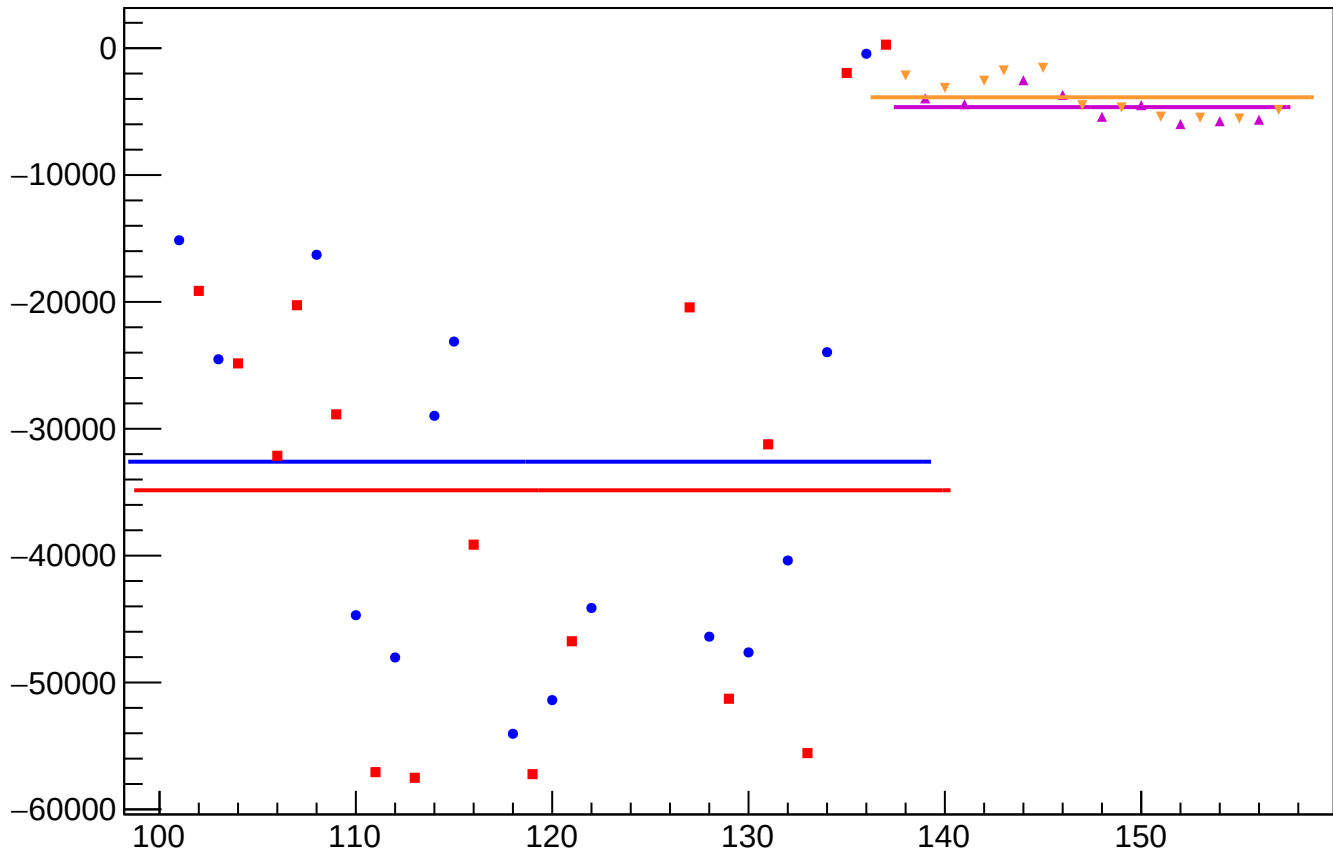
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

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

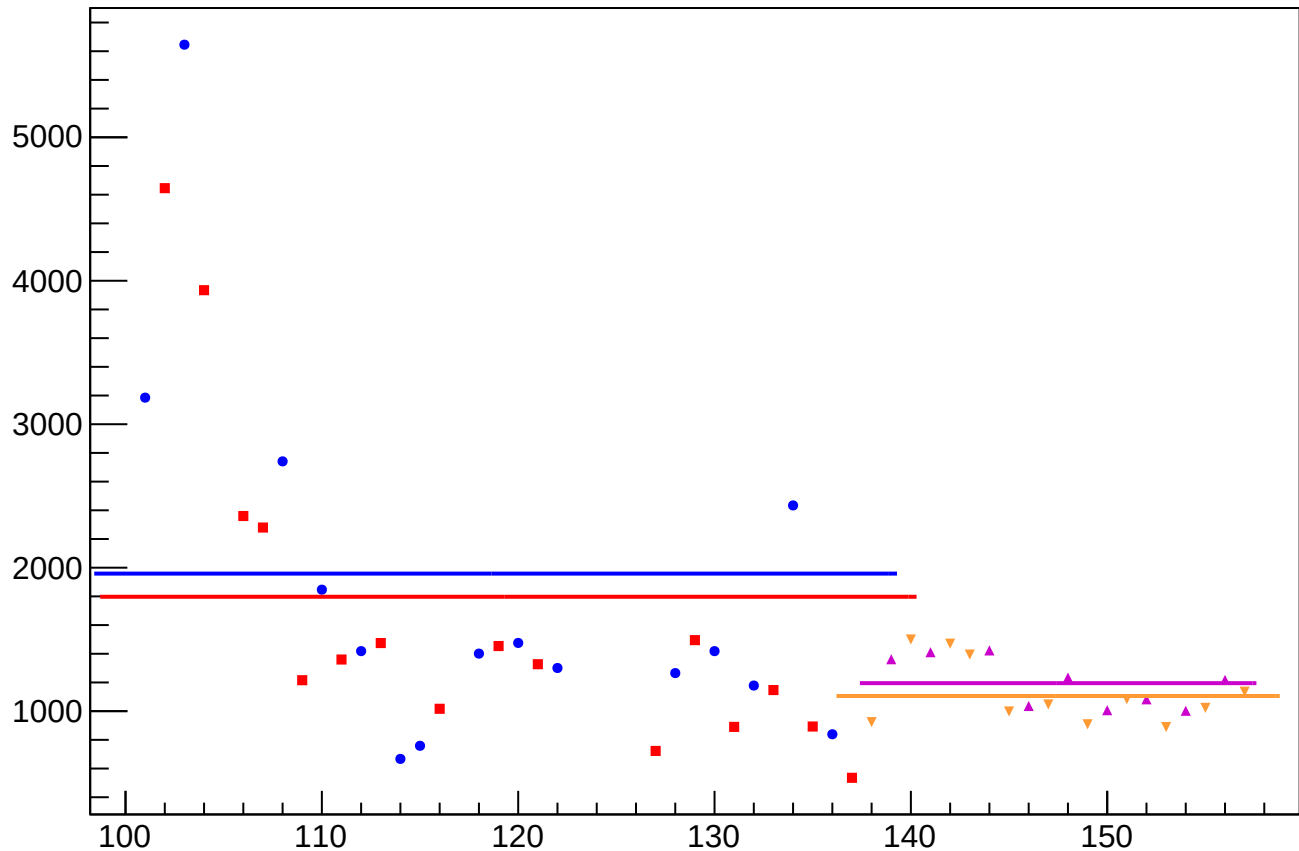
Left In: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

dit_sam2_coil7_mean vs Slug



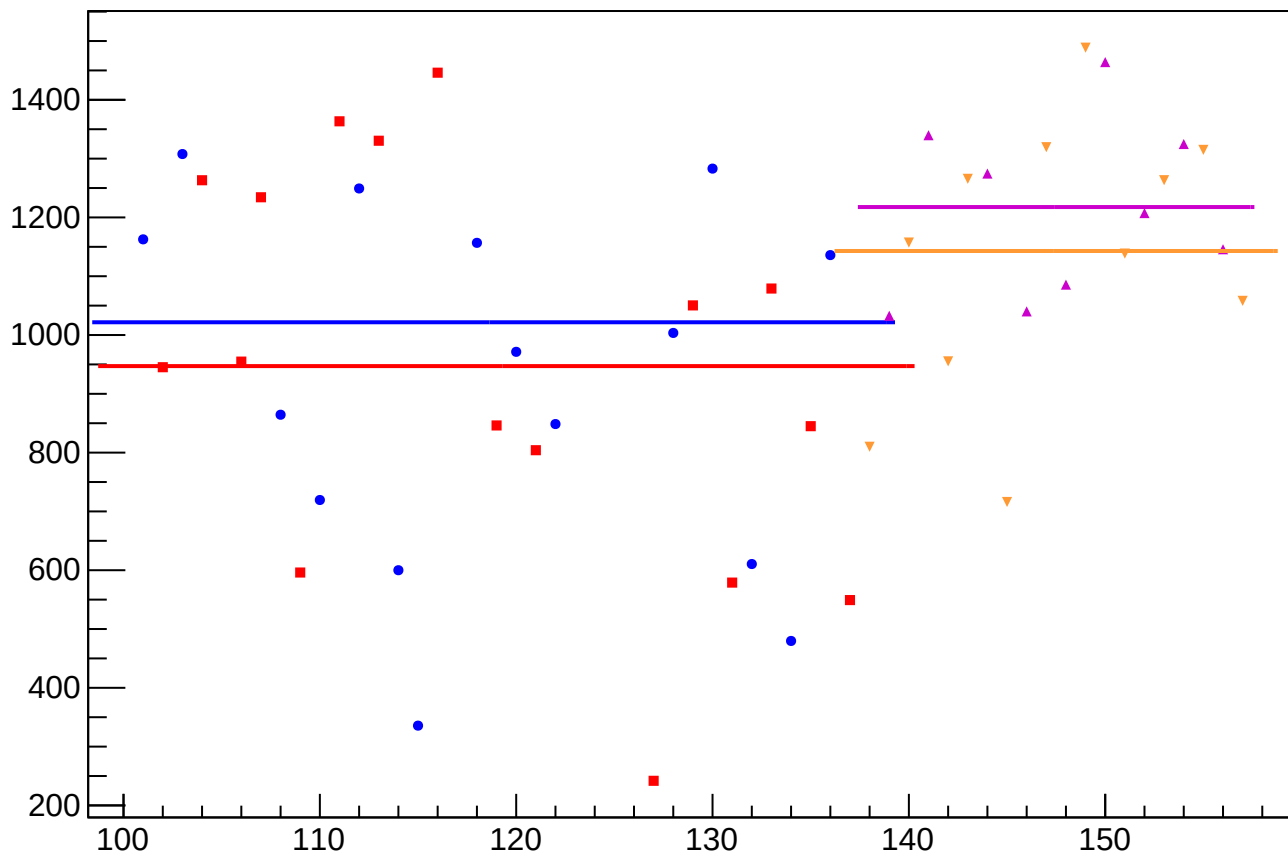
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3868.763 ± 0.000 χ^2/NDF : 1874218438172416733259199413133431013376.0/10
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4645.818 ± 0.000 χ^2/NDF : 914866405199347726146464229650633588736.0/8

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: 1195.147+/-0.000	χ^2/NDF : 20747074344353379632534223987698302976.0/8
+ sign 1478.278+/-0.000	χ^2/NDF : 14915471485696
All: 1476.609+/-0.000	χ^2/NDF : 25969513162
- sign 1474.881+/-0.000	χ^2/NDF : 11053957359132

dit_sam2_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

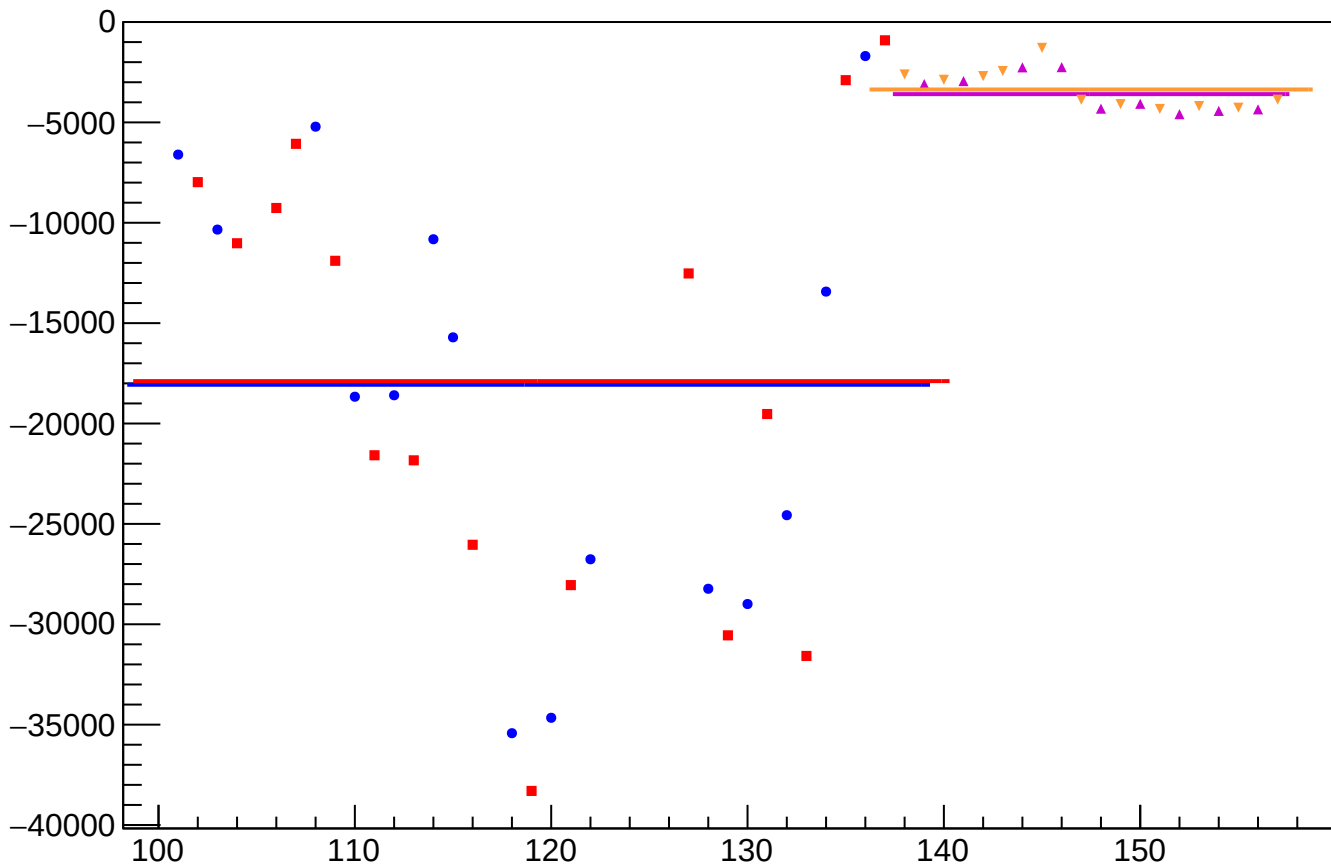
Left In: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

+ sign 1089.964 $\pm$ 0.000 χ^2 /NDF: 88559915875439

All: 1090.969 $\pm$ 0.000 χ^2 /NDF: 19786213495

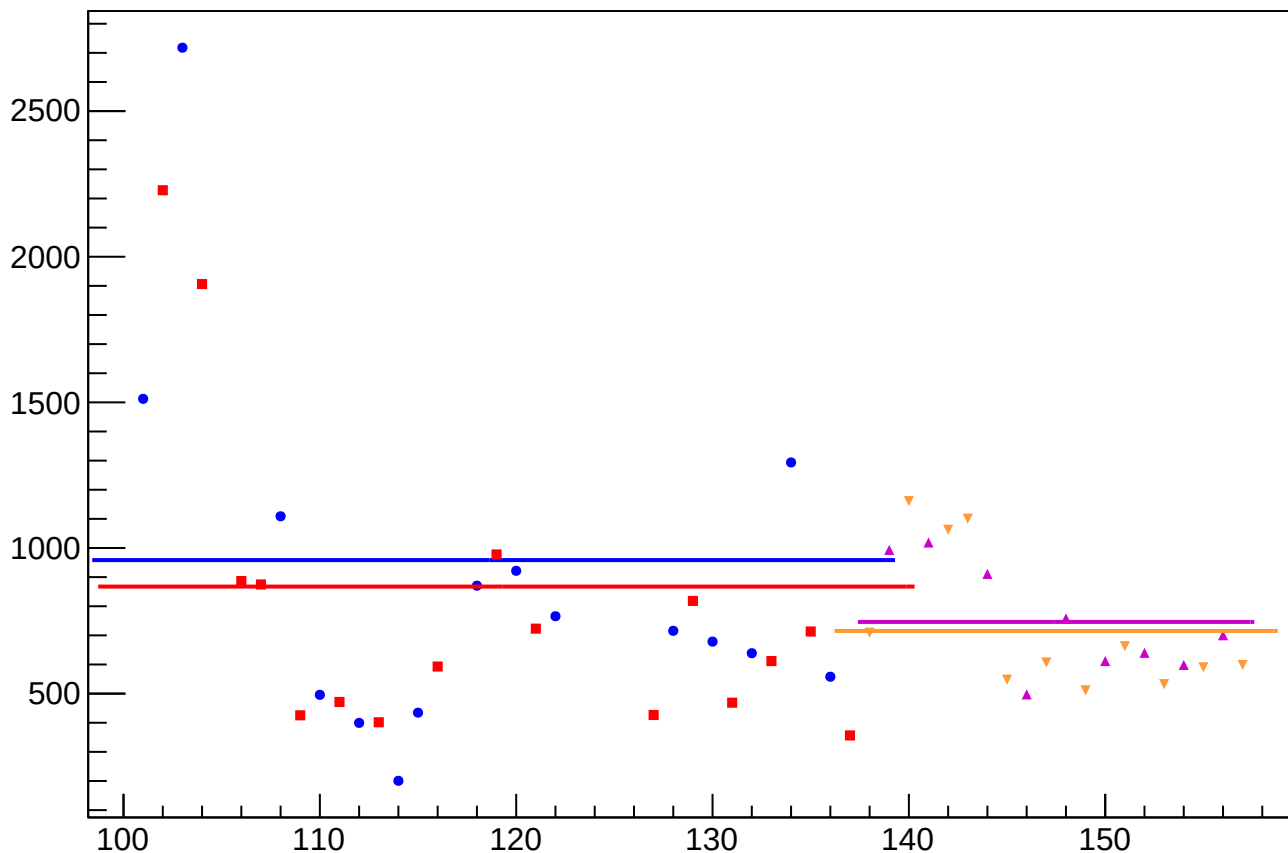
- sign 1092.008 $\pm$ 0.000 χ^2 /NDF: 10929916792332

dit_sam3_coil7_mean vs Slug



Right In: -18068.550 ± 0.000 $\chi^2/\text{NDF}: 84312156443533553417760933497753760169984.0/14$
 Left Out: -3361.109 ± 0.000 $\chi^2/\text{NDF}: 770097860619529300232360309031650197504.0/10$
 Right Out: -17888.149 ± 0.000 $\chi^2/\text{NDF}: 78405915612914252869875231068795393015808.0/15$
 Left In: -3592.476 ± 0.000 $\chi^2/\text{NDF}: 624690194111303072871897896346173046784.0/8$

dit_sam3_coil7_err_mean vs Slug



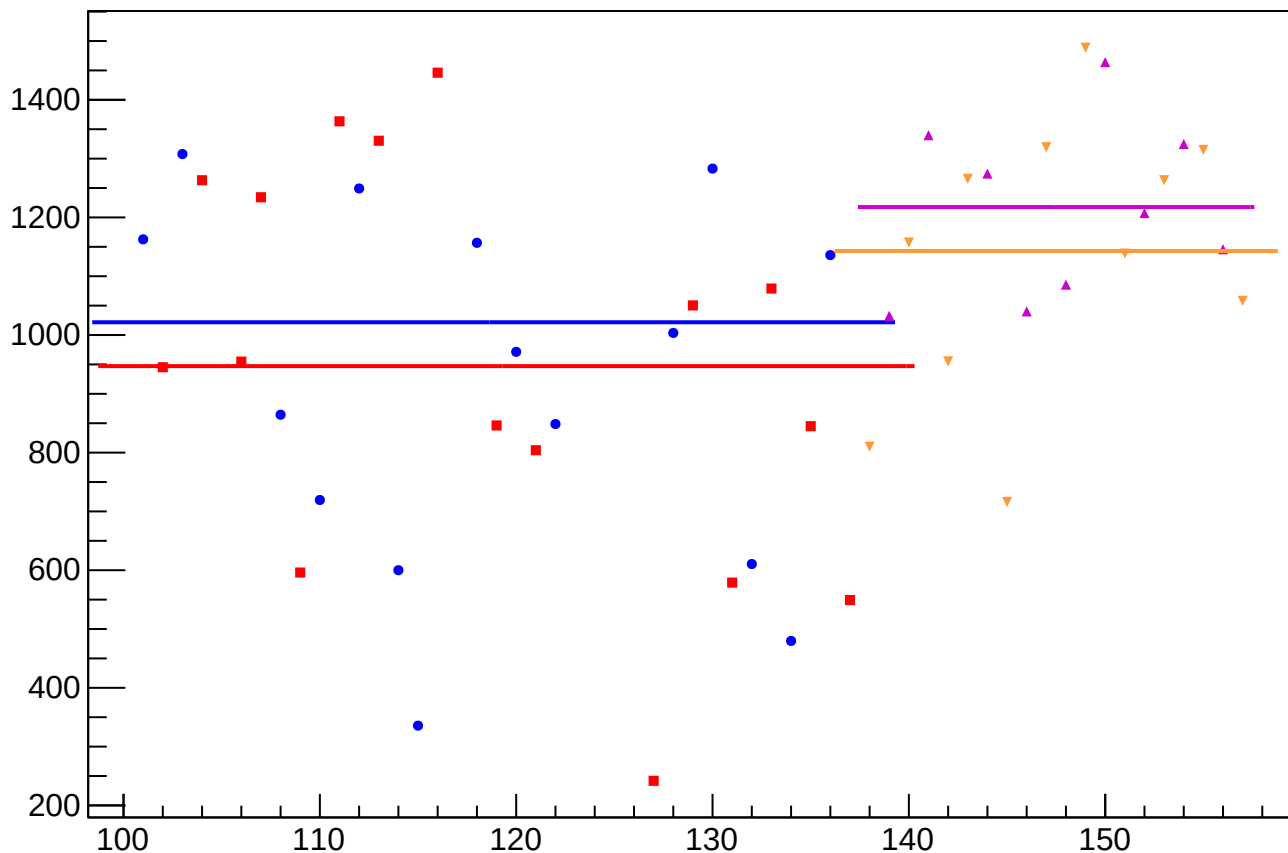
Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

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: 746.134+/-0.000 χ^2/NDF : 23568573391421568629023885577586475008.0/8

dit_sam3_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

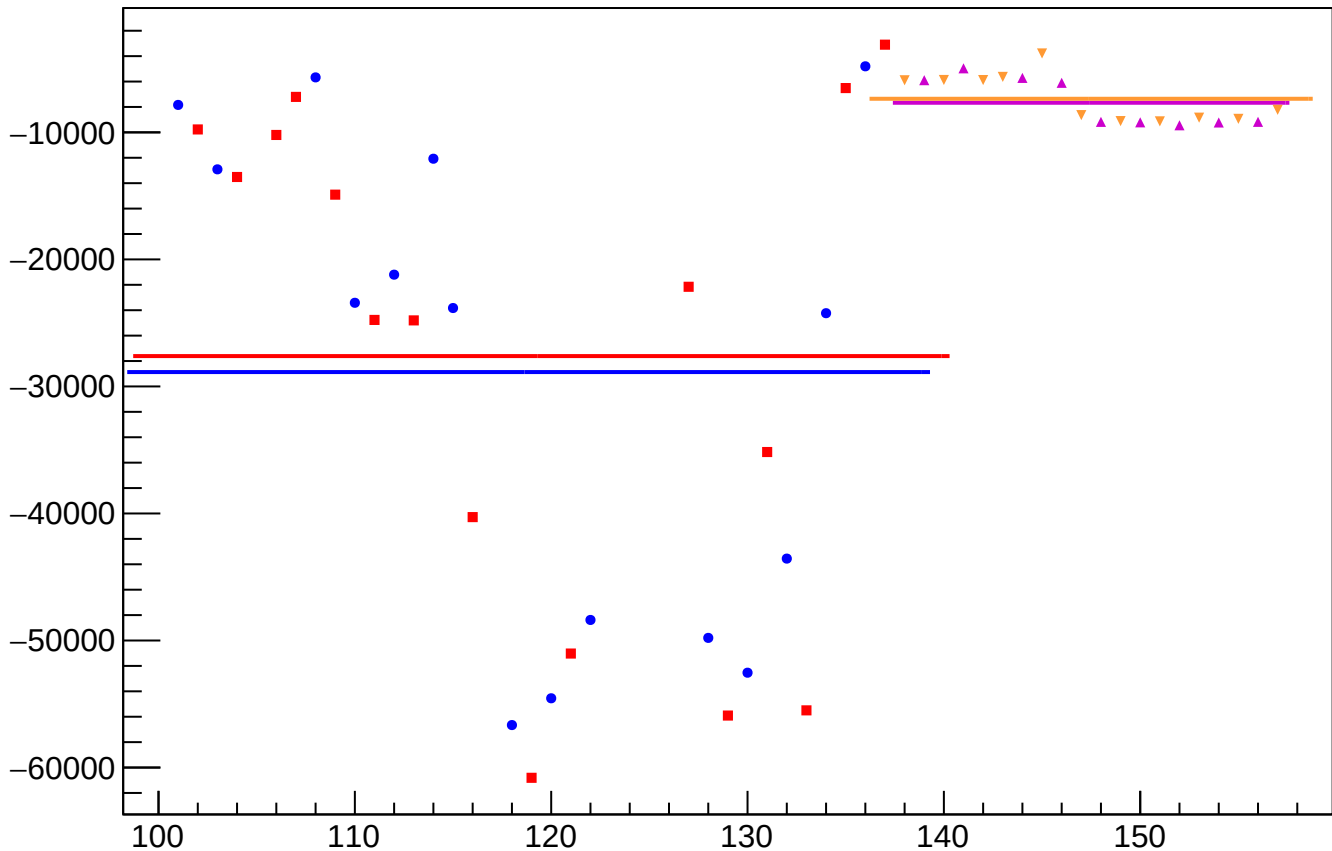
Left In: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

+ sign 1089.964 $\pm$ 0.000 χ^2 /NDF: 88559915875439

All: 1090.969 $\pm$ 0.000 χ^2 /NDF: 19786213495

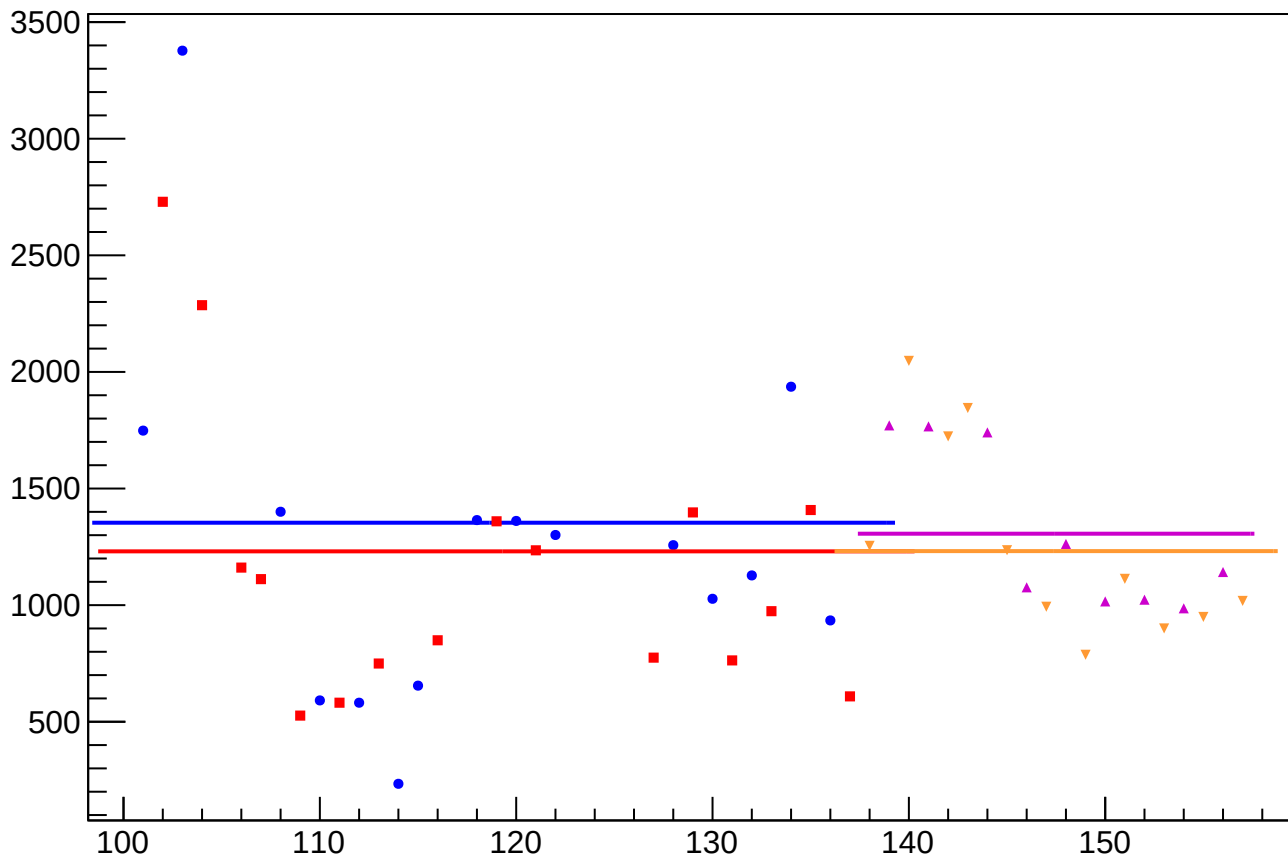
- sign 1092.008 $\pm$ 0.000 χ^2 /NDF: 10929916792332

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 + sign -16750.964+/-0.000 χ^2/NDF : 433395734296
 Left Out: -7355.073+/-0.000 χ^2/NDF : 2754696946960711468473041899107127394304.0/10
 All: -16839.846+/-0.000 χ^2/NDF : 826060076
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 - sign -16931.823+/-0.000 χ^2/NDF : 3926404542517
 Left In: -7669.262+/-0.000 χ^2/NDF : 2500365030281913741195633655280239116288.0/8

dit_sam4_coil7_err_mean vs Slug



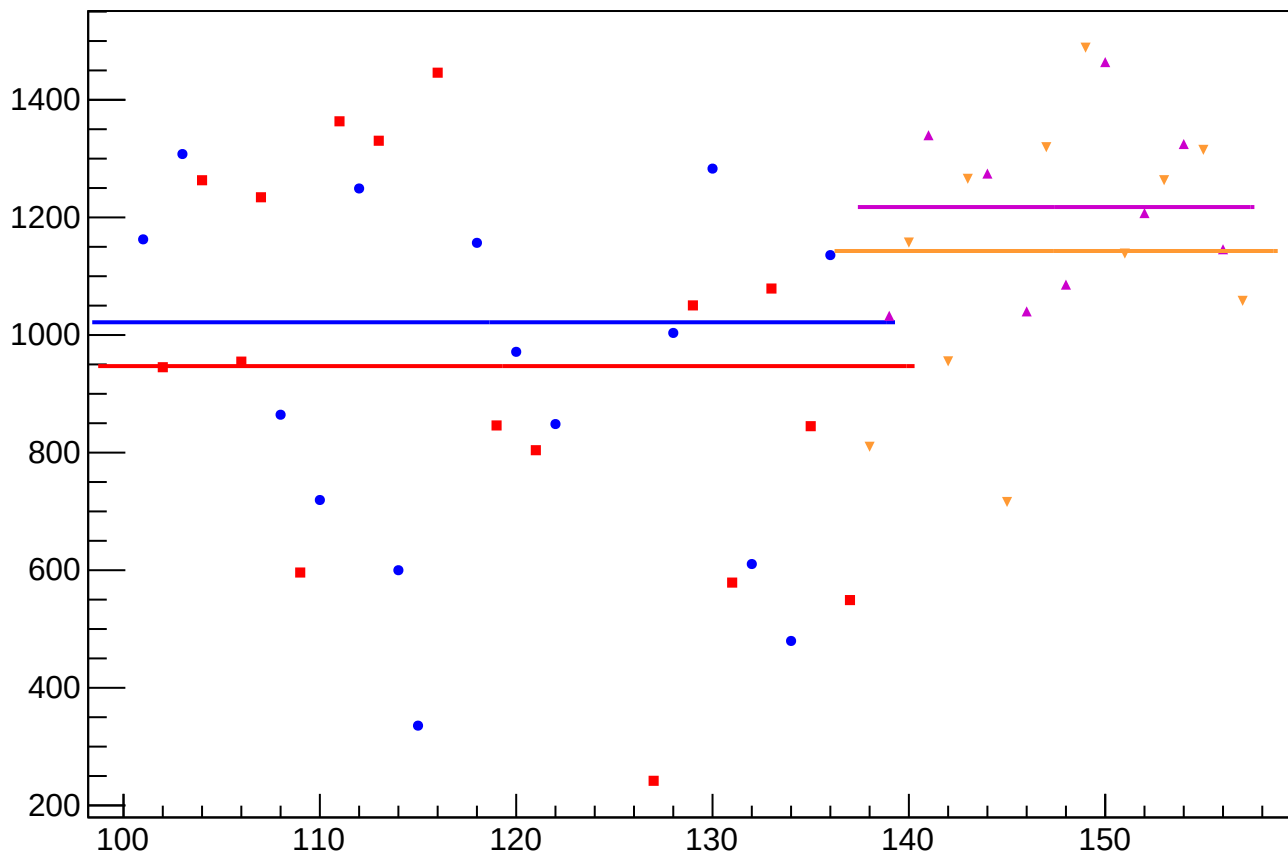
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1231.668+/-0.000 χ^2/NDF : 132406123285356820900393676494044397568.0/10

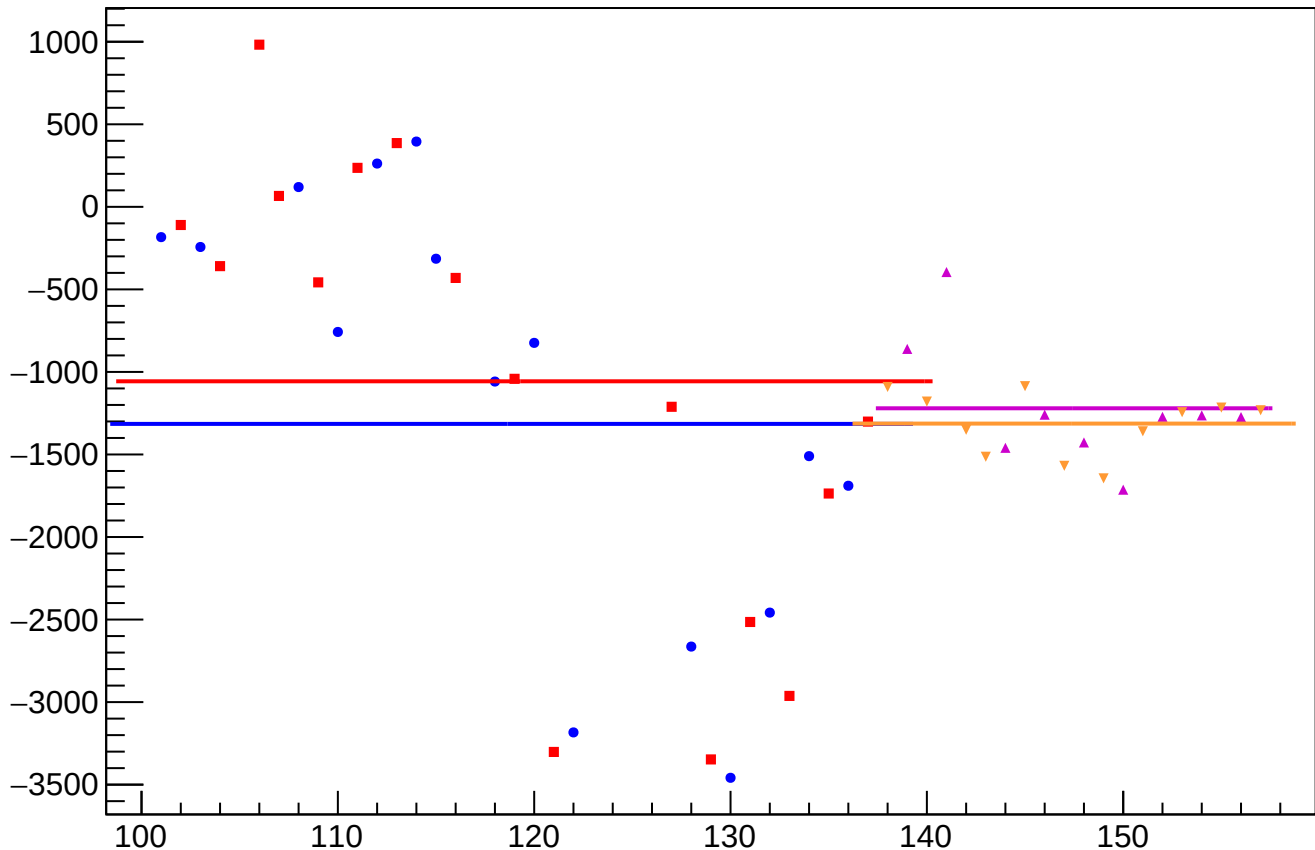
Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

Left In: 1306.325+/-0.000 χ^2/NDF : 82720704277360130661242015859332874240.0/8

dit_sam4_coil7_Ndata_mean vs Slug

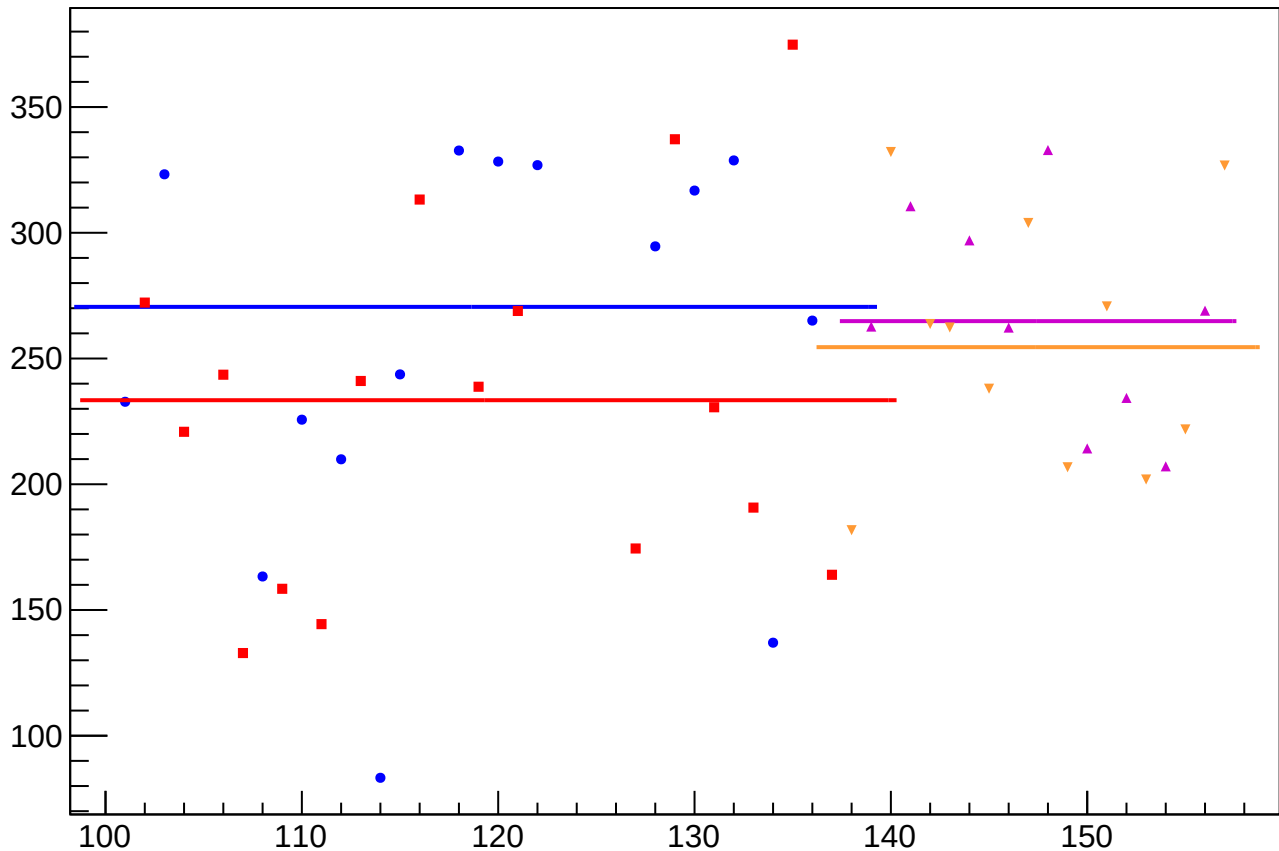


dit_sam5_coil7_mean vs Slug



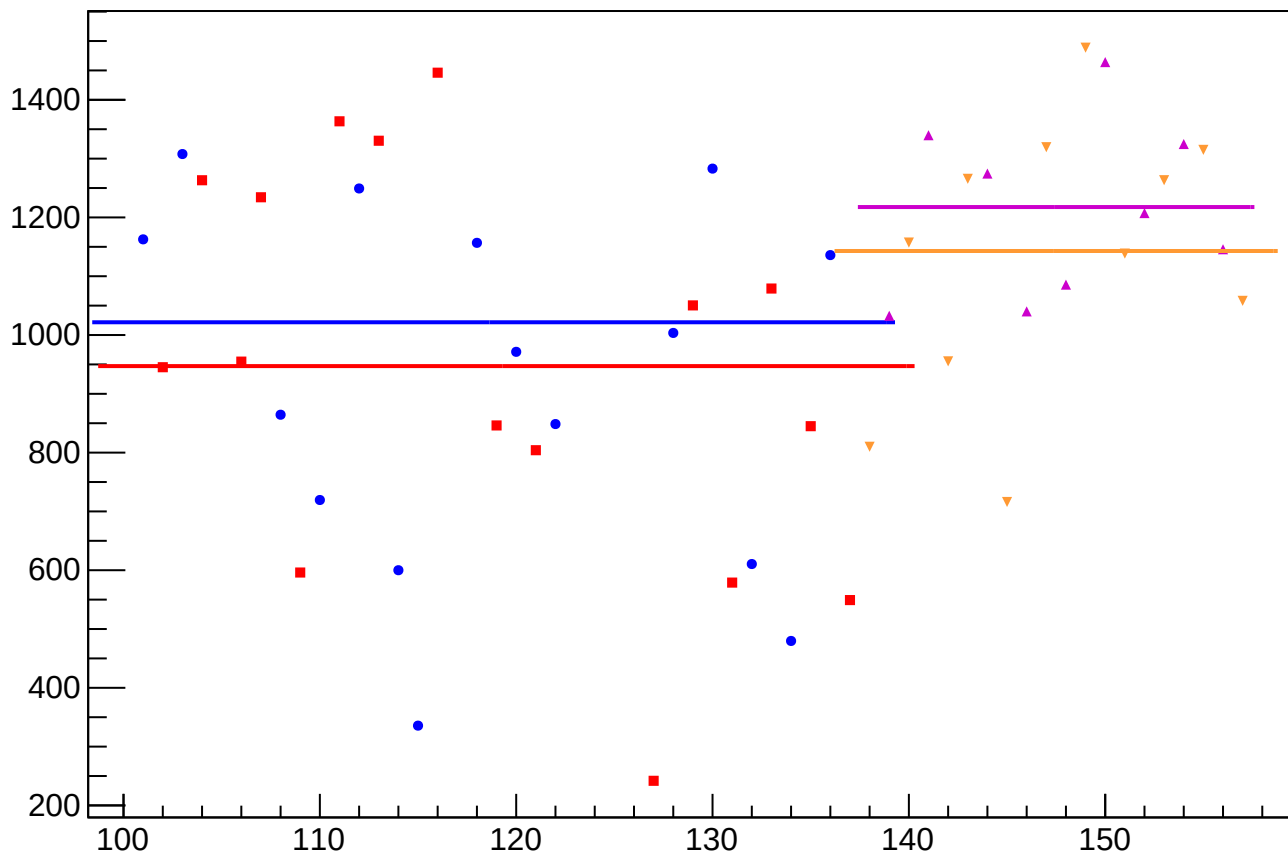
Right In: -1314.782 ± 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1312.941 ± 0.000 χ^2/NDF : 28407961073437576527687437704738373632.0/10
 Right Out: -1056.765 ± 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: -1220.264 ± 0.000 χ^2/NDF : 99946158172074666758228497161907077120.0/8
 All: -1230.483 ± 0.000 χ^2/NDF : 2252090017
 + sign -1313.745 ± 0.000 χ^2/NDF : 9944915684370
 - sign -1144.321 ± 0.000 χ^2/NDF : 12366360387623

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14
 Left Out: 254.517 $\pm$ 0.000 χ^2 /NDF: 2072503663694453806886167996388081664.0/10
 Right Out: 233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15
 Left In: 264.868 $\pm$ 0.000 χ^2 /NDF: 127145346609940147146954083563208704.0/8

dit_sam5_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

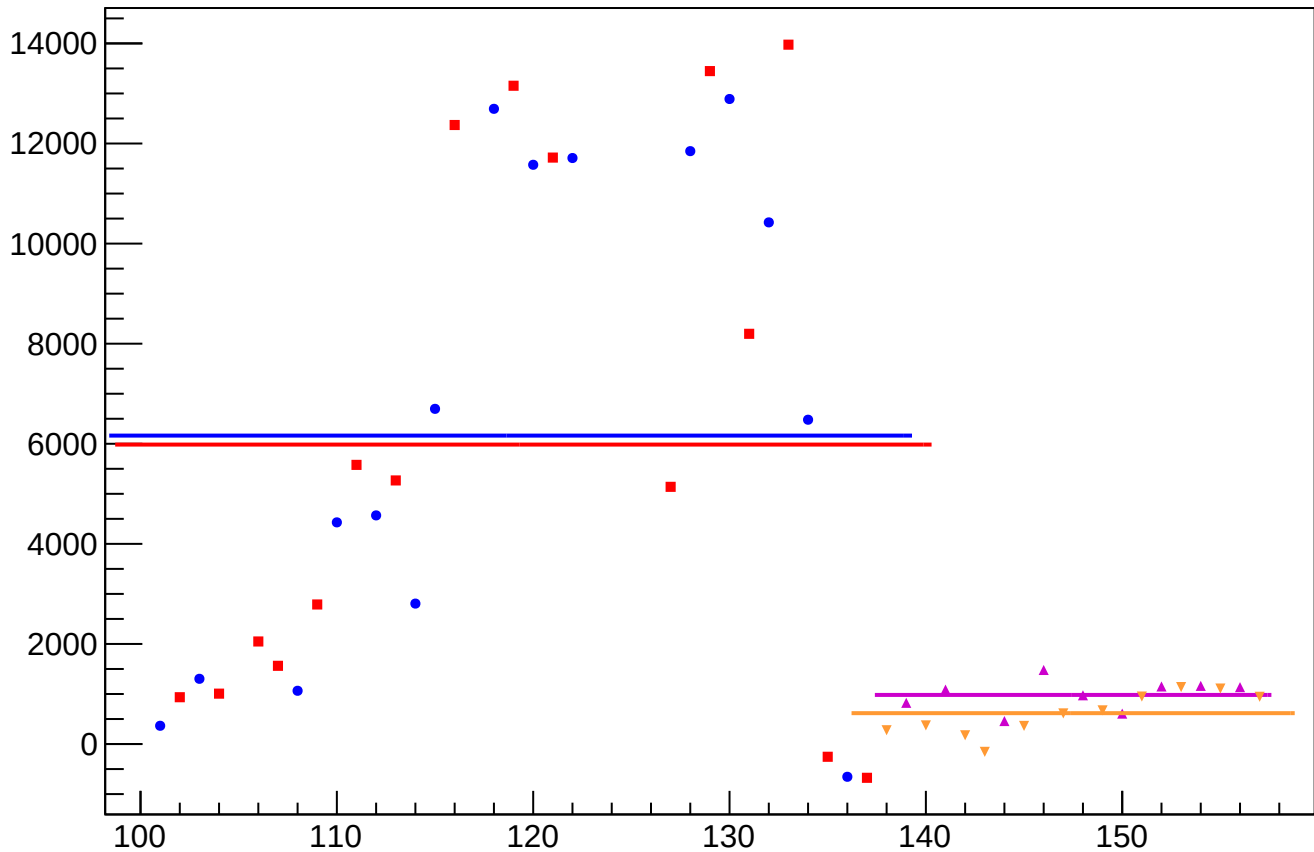
Left In: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

+ sign 1089.964 $\pm$ 0.000 χ^2 /NDF: 88559915875439

All: 1090.969 $\pm$ 0.000 χ^2 /NDF: 19786213495

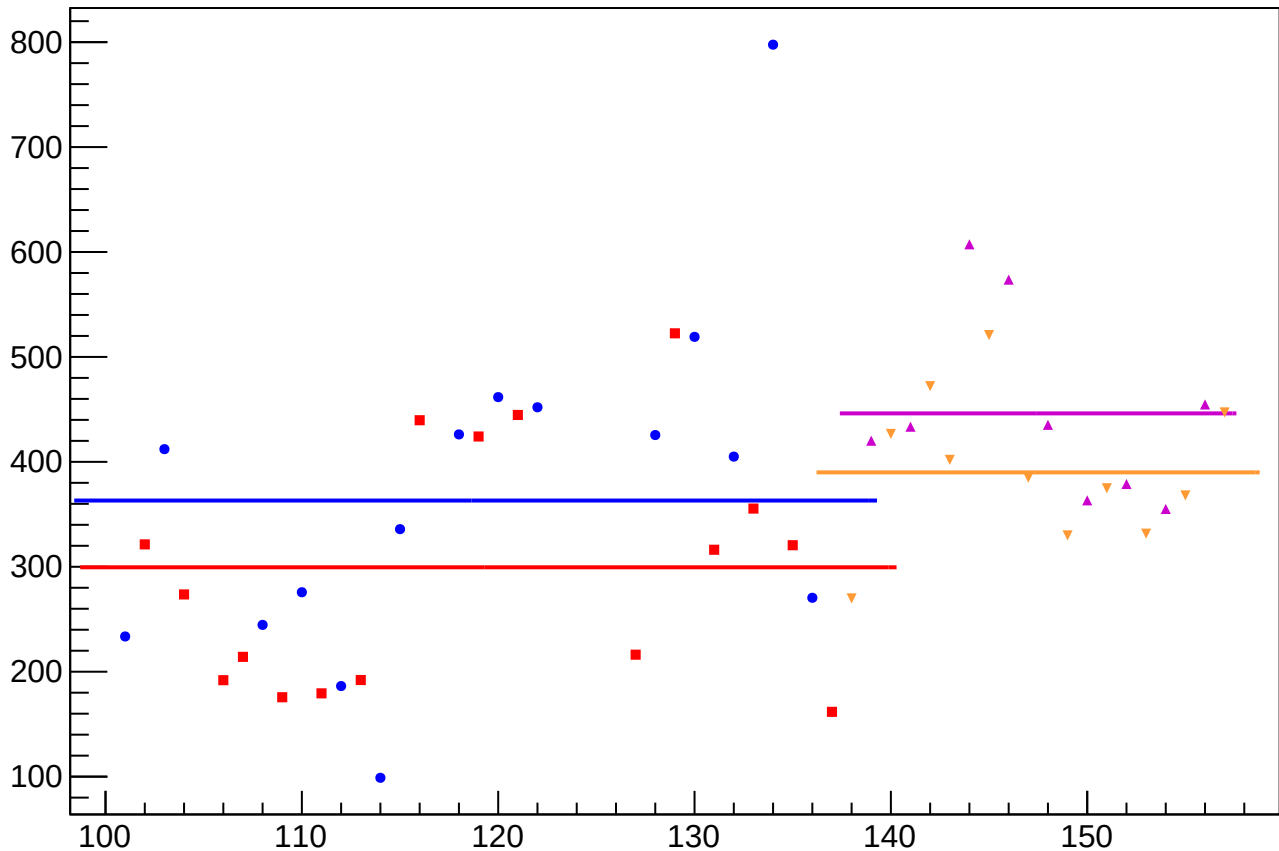
- sign 1092.008 $\pm$ 0.000 χ^2 /NDF: 10929916792332

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: 981.418+/-0.000 χ^2/NDF : 67901878832251876017736766540012847104.0/8

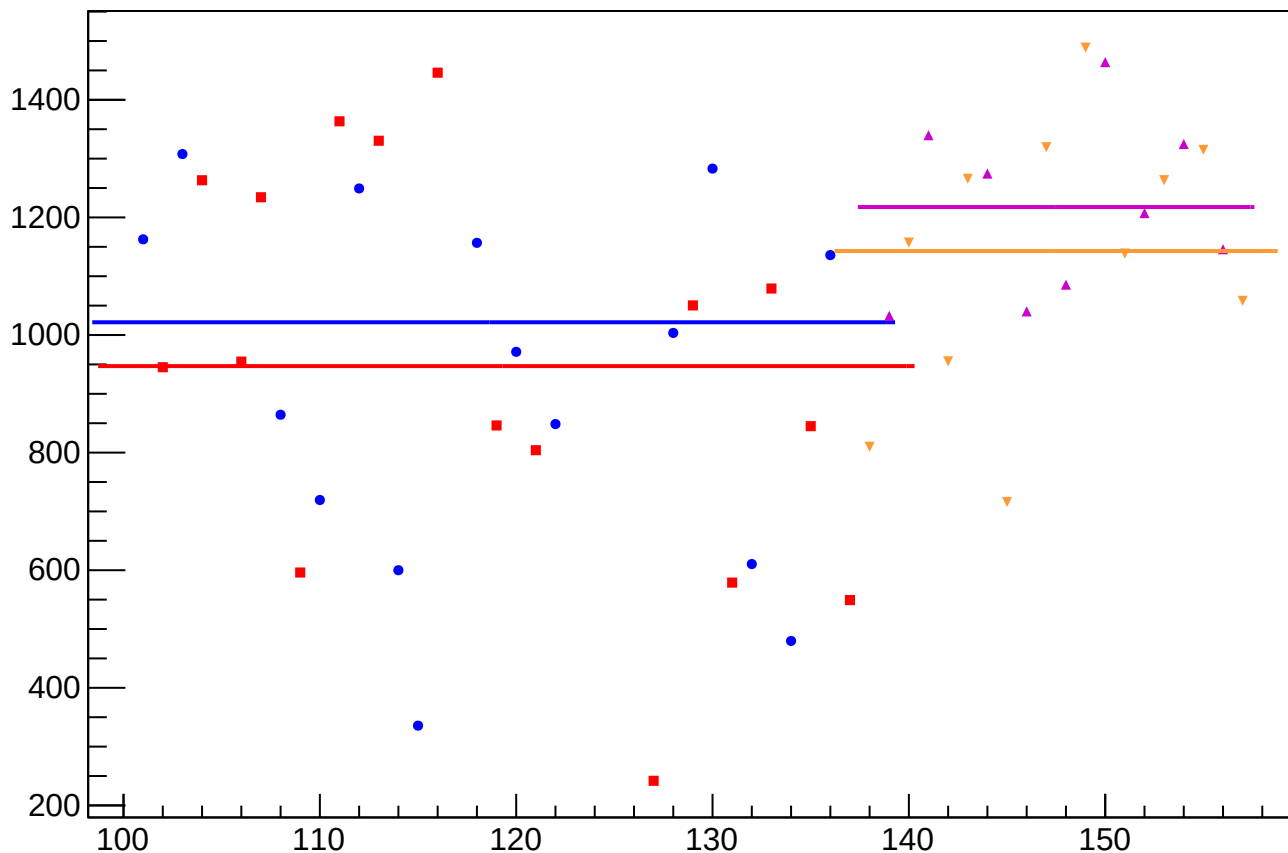
dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000	χ^2/NDF : 11502791697076456426435998277995331584.0/14
Left Out: 389.976+/-0.000	χ^2/NDF : 3851702248732199920149246934291316736.0/10
Right Out: 299.514+/-0.000	χ^2/NDF : 7685497318744225218354652828984672256.0/15
Left In: 446.192+/-0.000	χ^2/NDF : 5500786445121140183775238284283740160.0/8

+ sign 378.253+/-0.000 χ^2/NDF : 156178835609882
 All: 378.159+/-0.000 χ^2/NDF : 364888321579
 - sign 378.062+/-0.000 χ^2/NDF : 208709221839080

dit_sam6_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

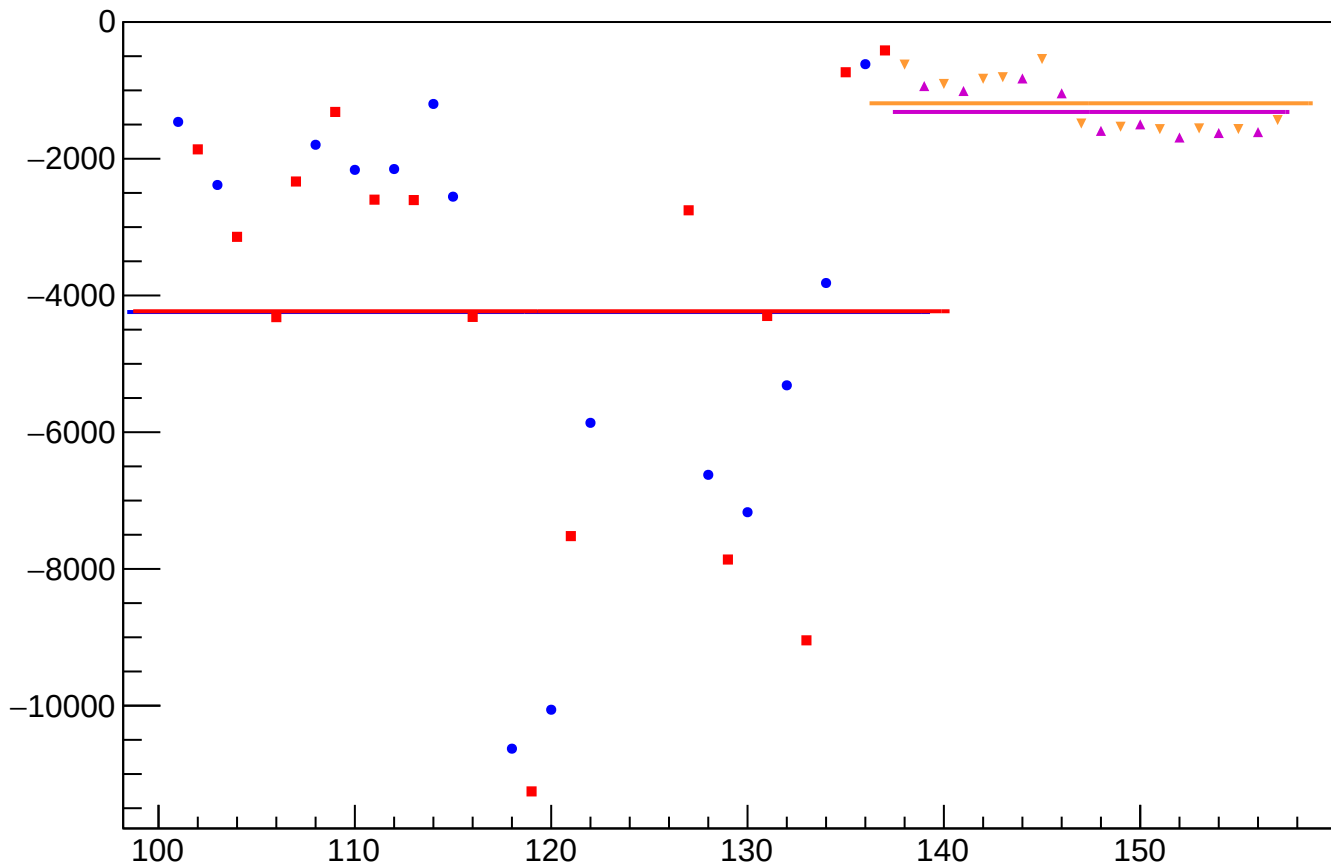
Left In: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

+ sign 1089.964 $\pm$ 0.000 χ^2 /NDF: 88559915875439

All: 1090.969 $\pm$ 0.000 χ^2 /NDF: 19786213495

- sign 1092.008 $\pm$ 0.000 χ^2 /NDF: 10929916792332

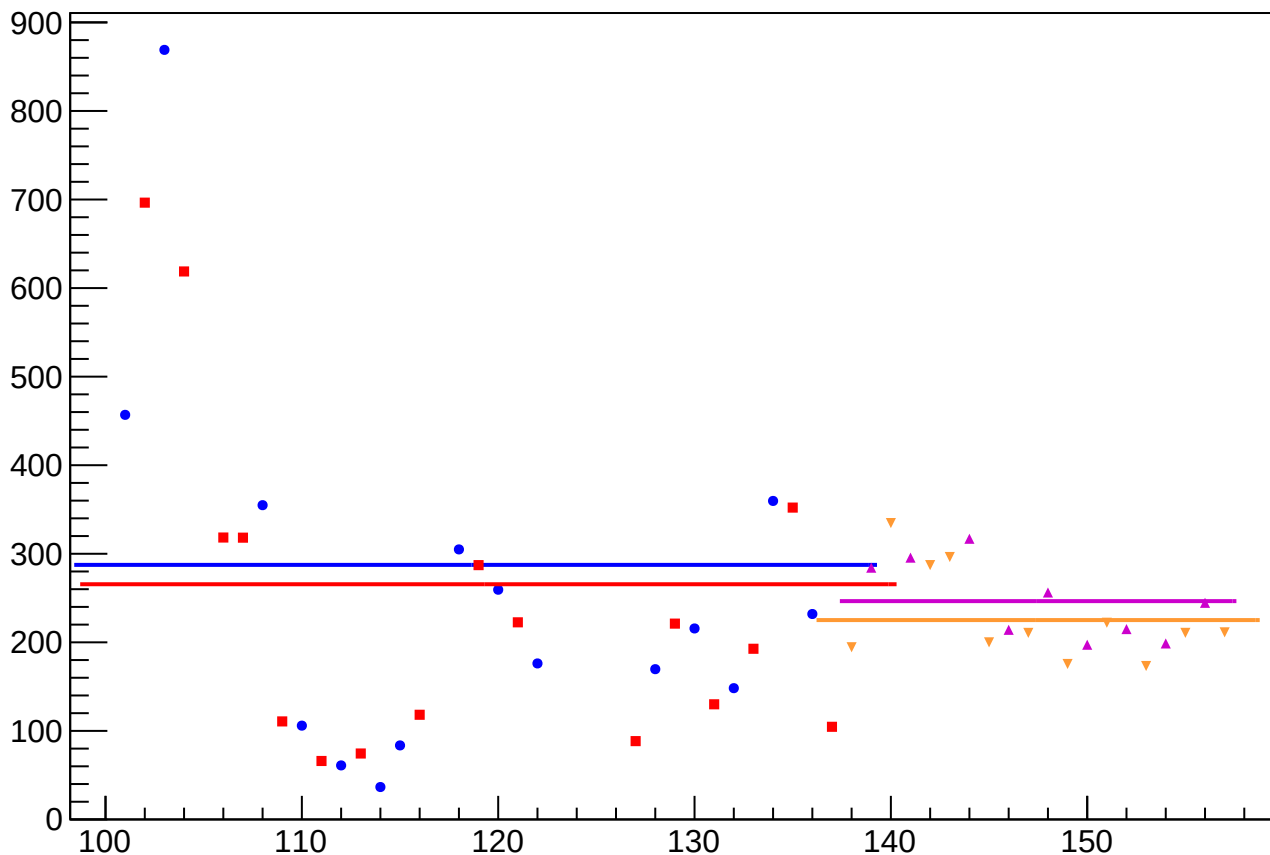
dit_sam7_coil7_mean vs Slug



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: -1315.725+/-0.000	χ^2/NDF : 84108384440487226193215926818956115968.0/8

+ sign -2522.377+/-0.000 χ^2/NDF : 1032781441047
 All: -2594.835+/-0.000 χ^2/NDF : 2014584687
 - sign -2669.816+/-0.000 χ^2/NDF : 98021573814262

dit_sam7_coil7_err_mean vs Slug



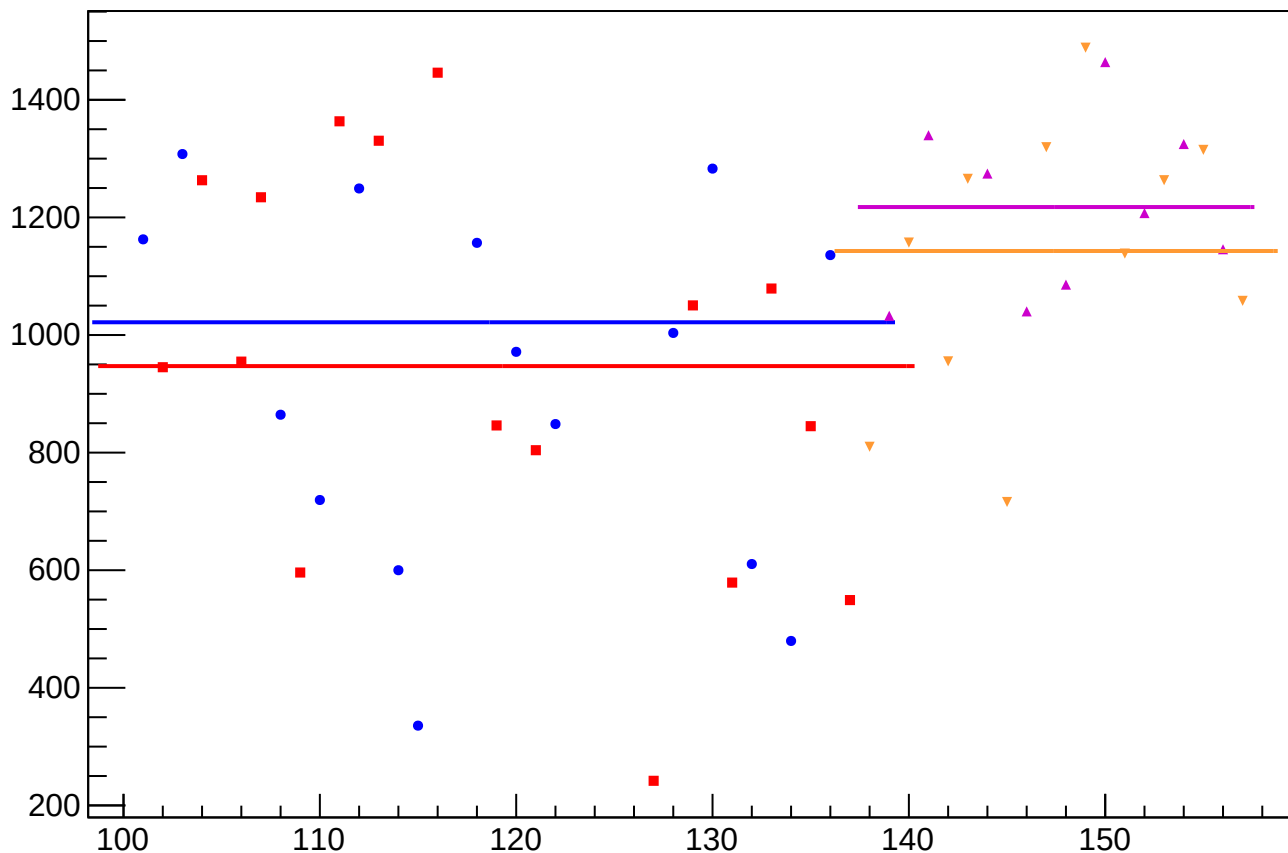
Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

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: 246.533+/-0.000 χ^2/NDF : 1367852336371498825612188054034841600.0/8

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

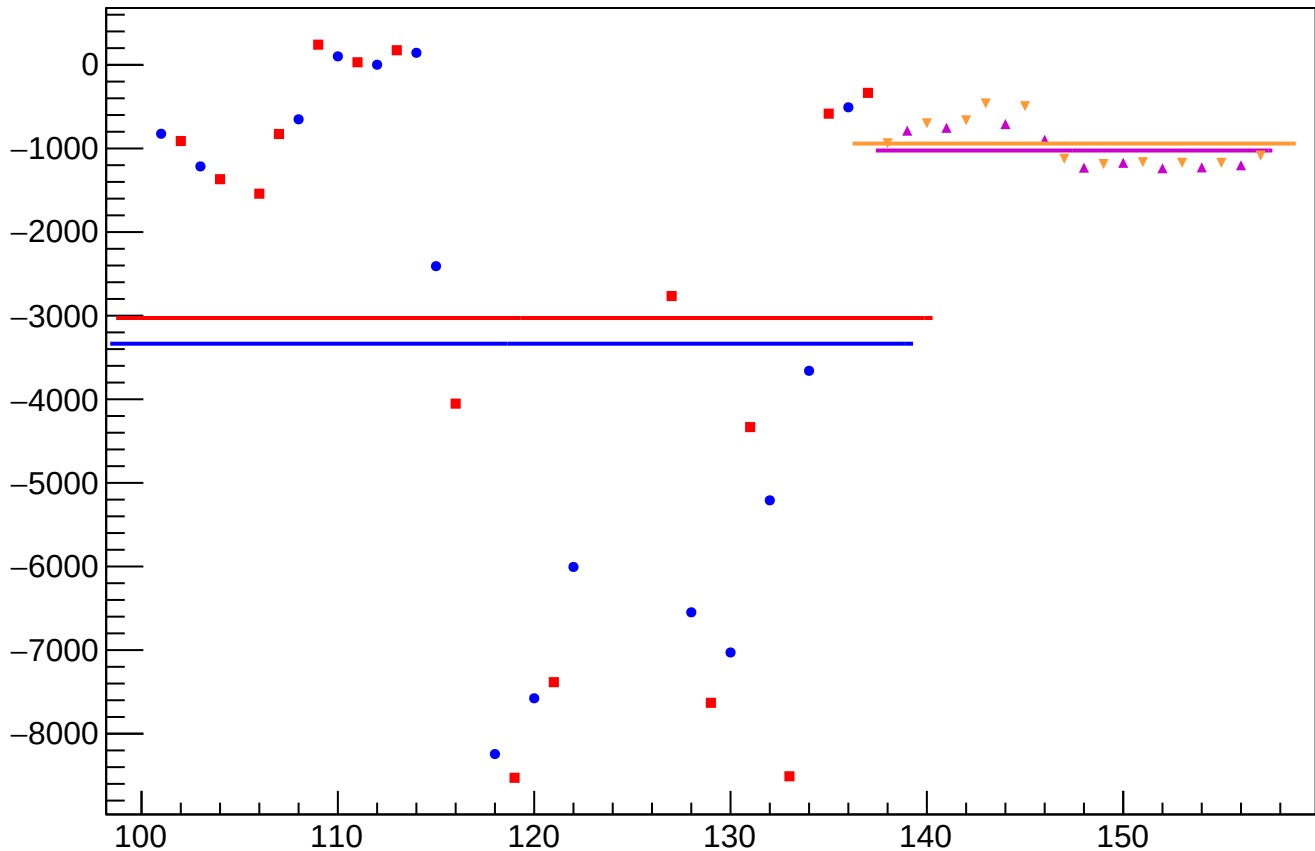
Left Out: 1142.908 $\pm$ 0.000 χ^2 /NDF: 42694917457780139943000905132443435008.0/10

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

Left In: 1217.657 $\pm$ 0.000 χ^2 /NDF: 15376746273228765219389229522443304960.0/8

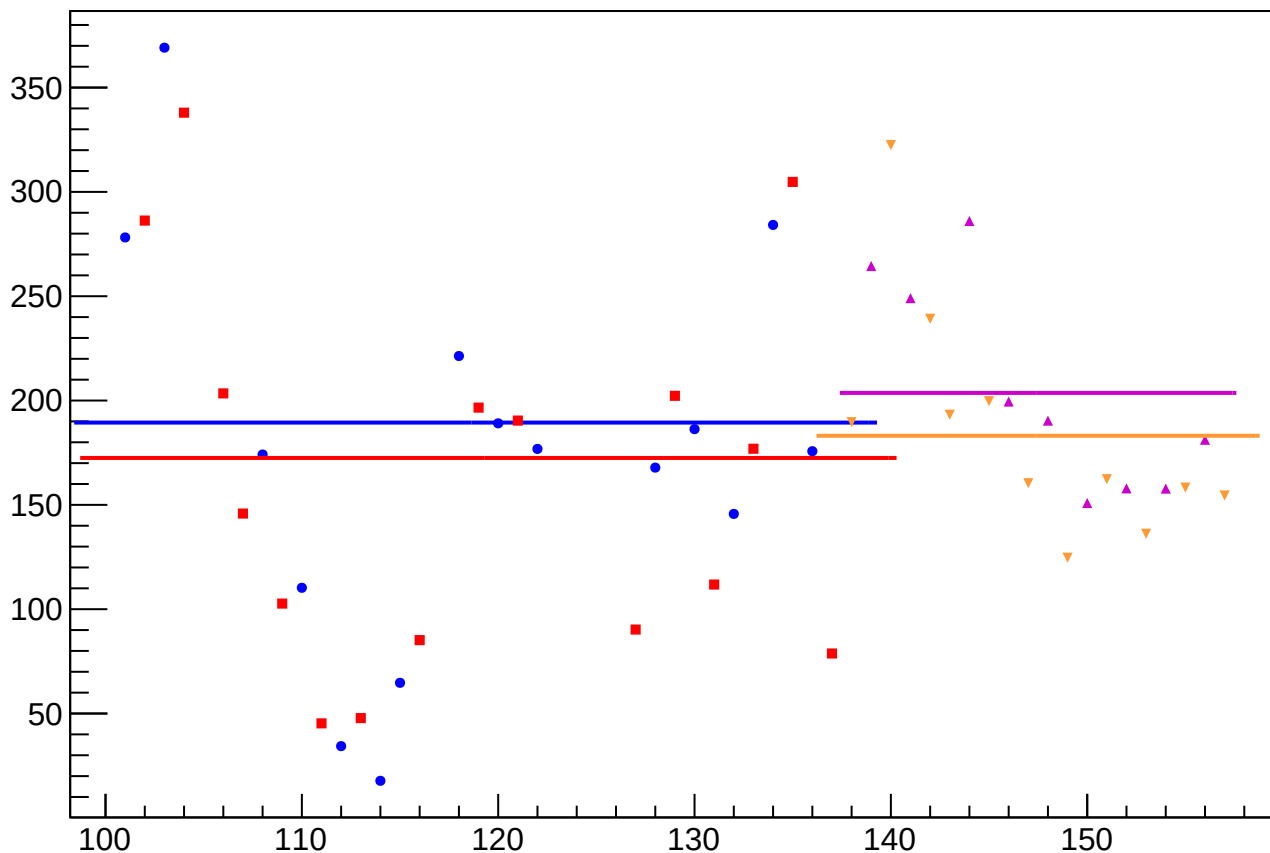
+ sign 1089.964 $\pm$ 0.000 χ^2 /NDF: 88559915875439
All: 1090.969 $\pm$ 0.000 χ^2 /NDF: 19786213495
- sign 1092.008 $\pm$ 0.000 χ^2 /NDF: 10929916792332

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: -1024.315+/-0.000 χ^2/NDF : 36679596302286005674628711389067214848.0/8

dit_sam8_coil7_err_mean vs Slug



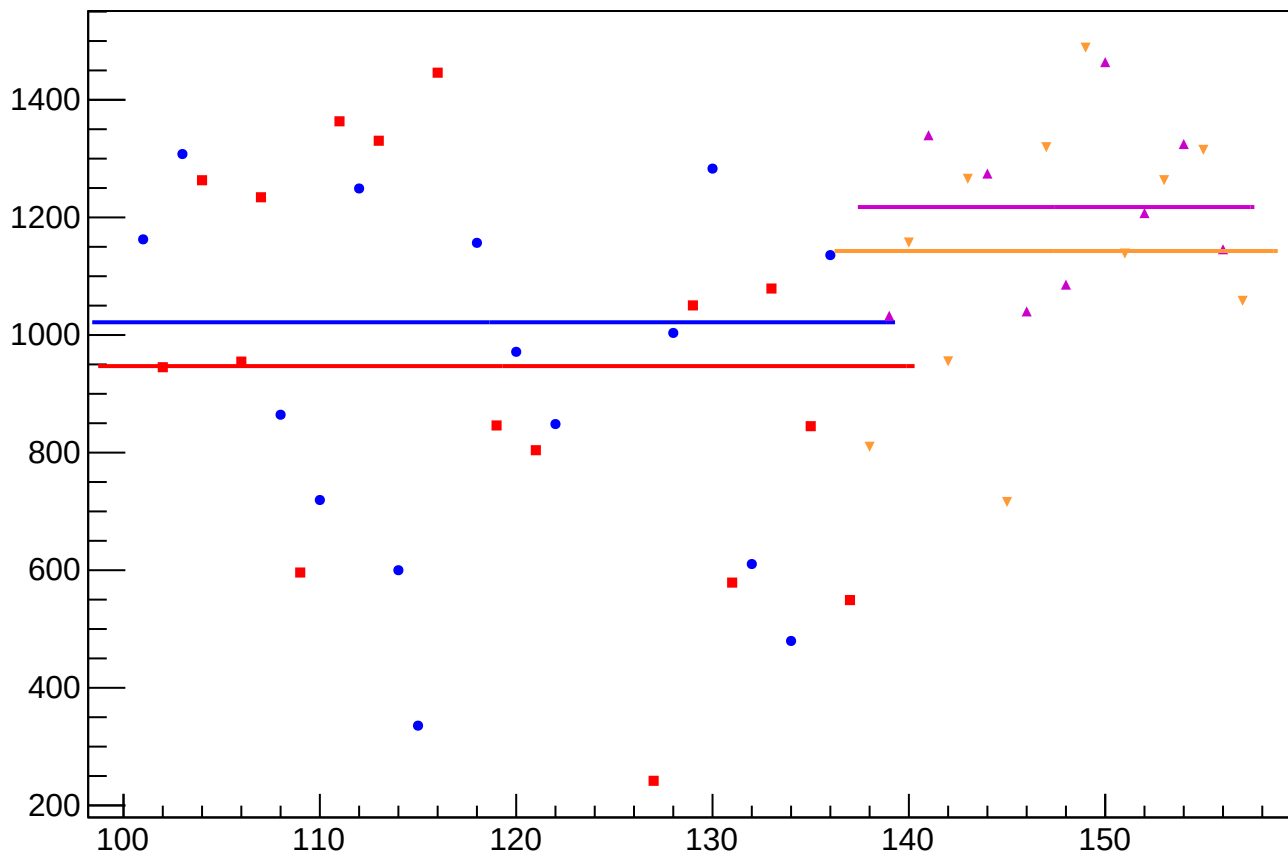
Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14

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: 203.662 $\pm$ 0.000 χ^2 /NDF: 1758244484031653117674704648164868096.0/8

dit_sam8_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

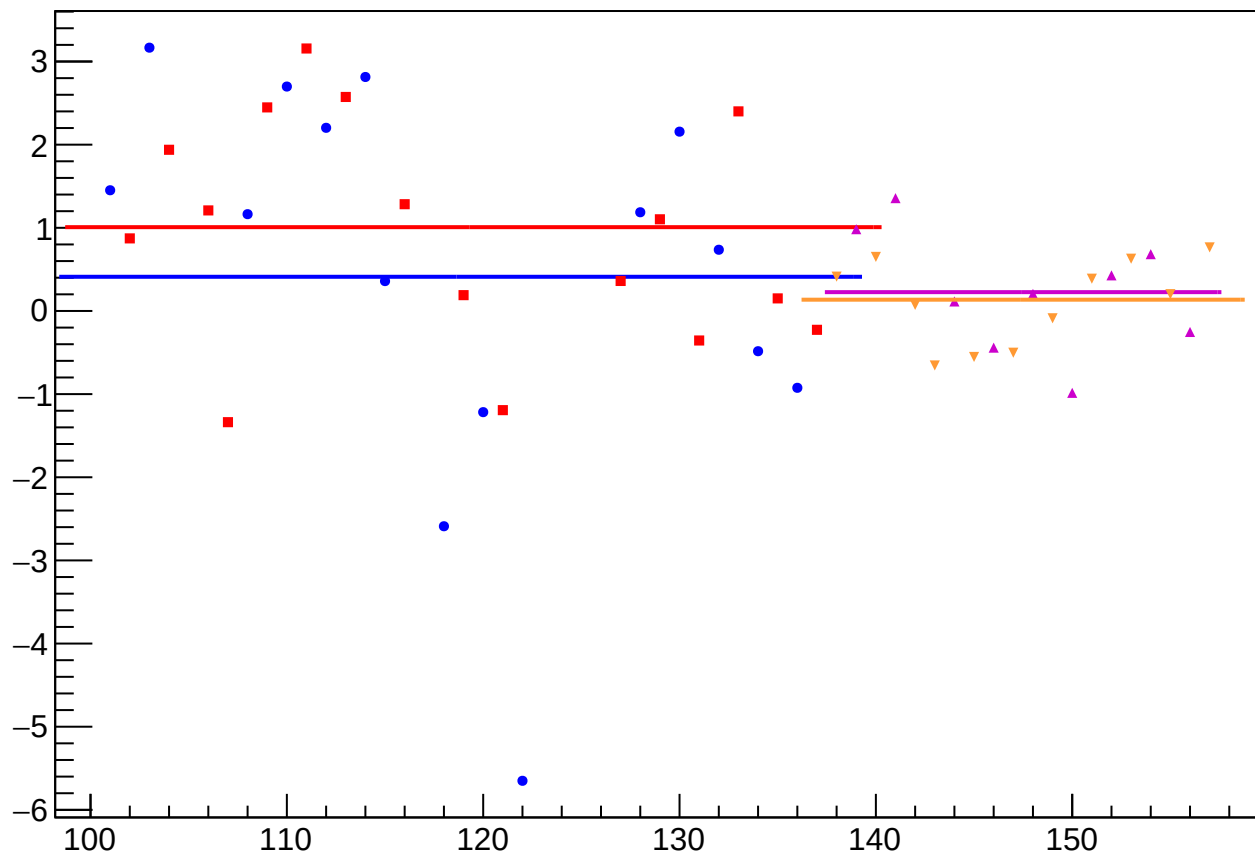
Left In: 1217.657+/-0.000 χ^2/NDF : 15376746273228765219389229522443304960.0/8

+ sign 1089.964+/-0.000 χ^2/NDF : 88559915875439

All: 1090.969+/-0.000 χ^2/NDF : 19786213495

- sign 1092.008+/-0.000 χ^2/NDF : 10929916792332

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

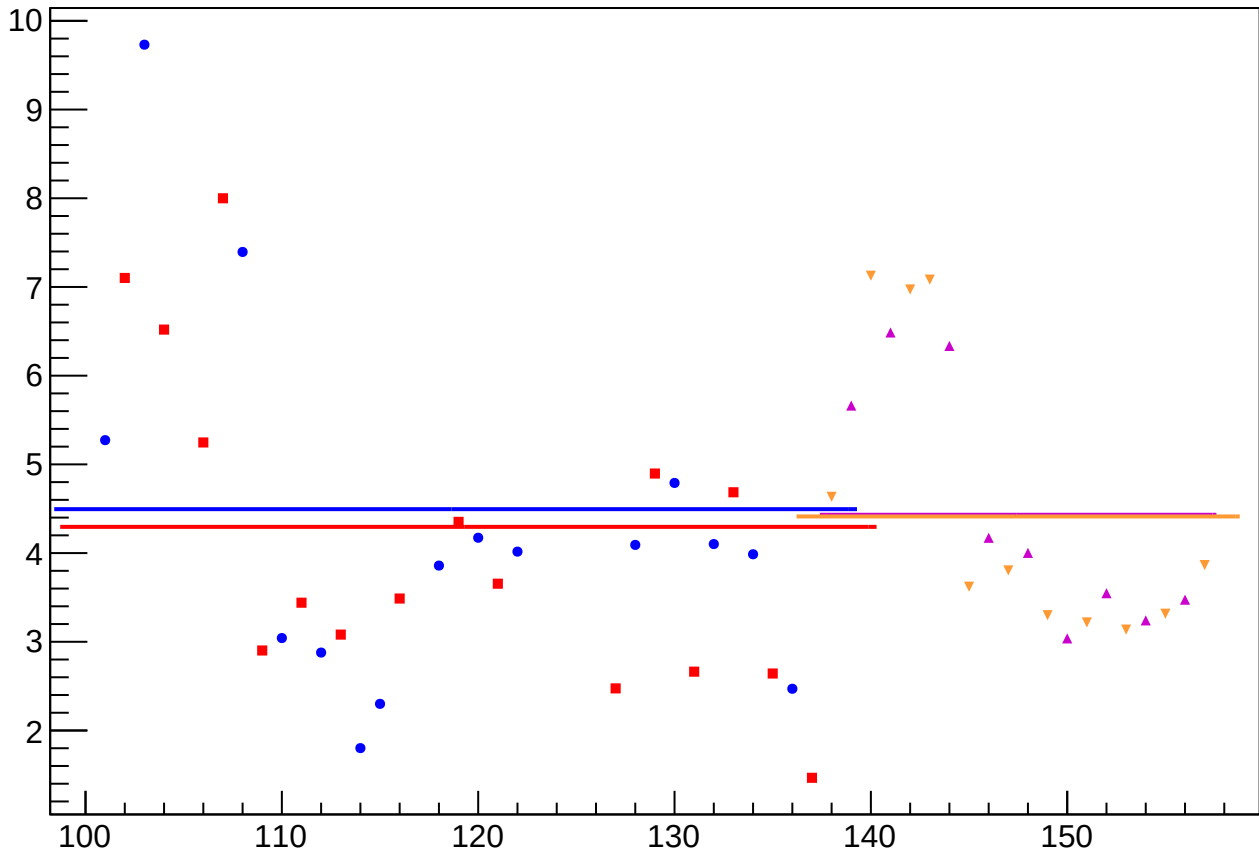
Left In: 0.226+/-0.000 χ^2/NDF : 367094355495529124163950173224960.0/8

+ sign 0.256+/-0.000 χ^2/NDF : 36146522902386802

All: 0.420+/-0.000 χ^2/NDF : 5409452654368

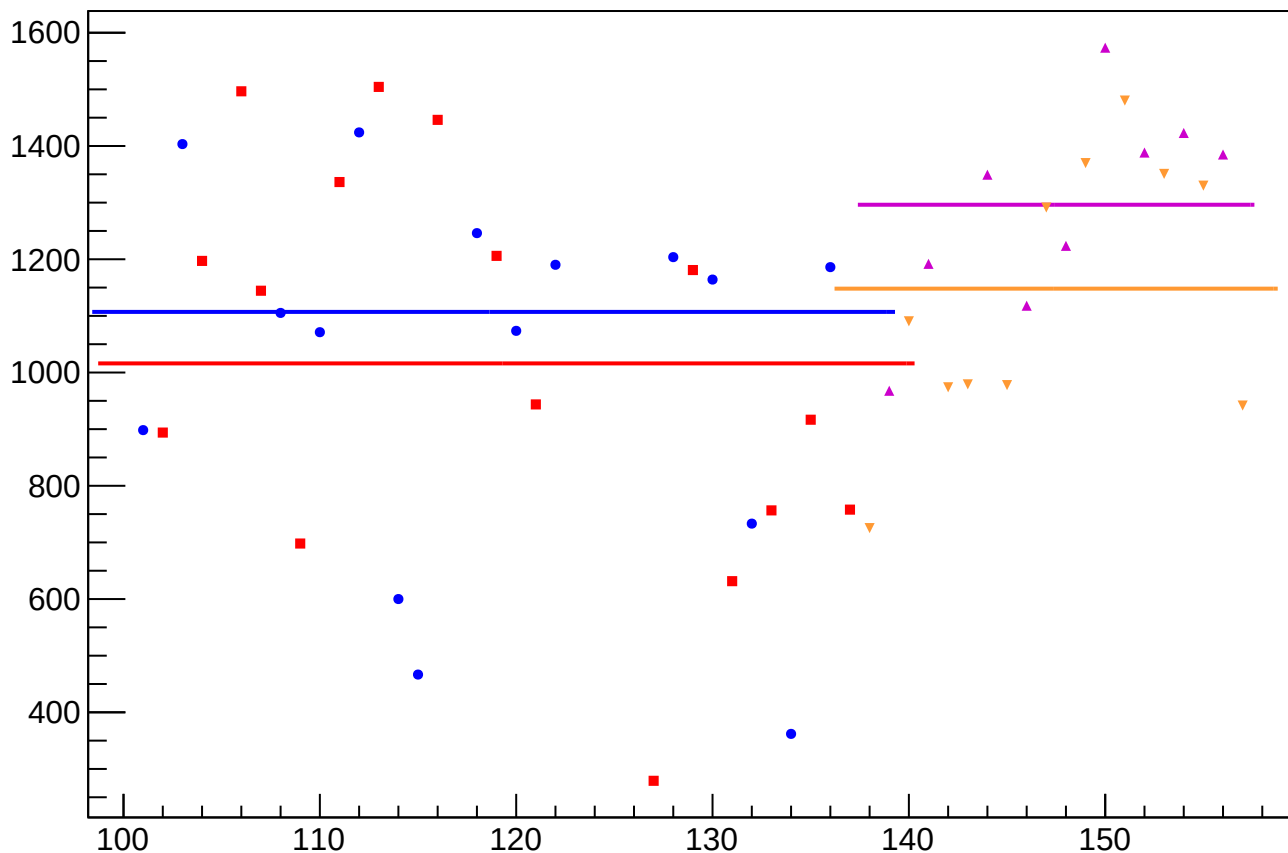
- sign 0.589+/-0.000 χ^2/NDF : 17136270116701579

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 4.413 $\pm$ 0.000 χ^2 /NDF: 1938439959859318843378107416576000.0/10
 Right Out: 4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: 4.432 $\pm$ 0.000 χ^2 /NDF: 1269648200037735052150493413376000.0/8

dit_4aX_coil4_Ndata_mean vs Slug



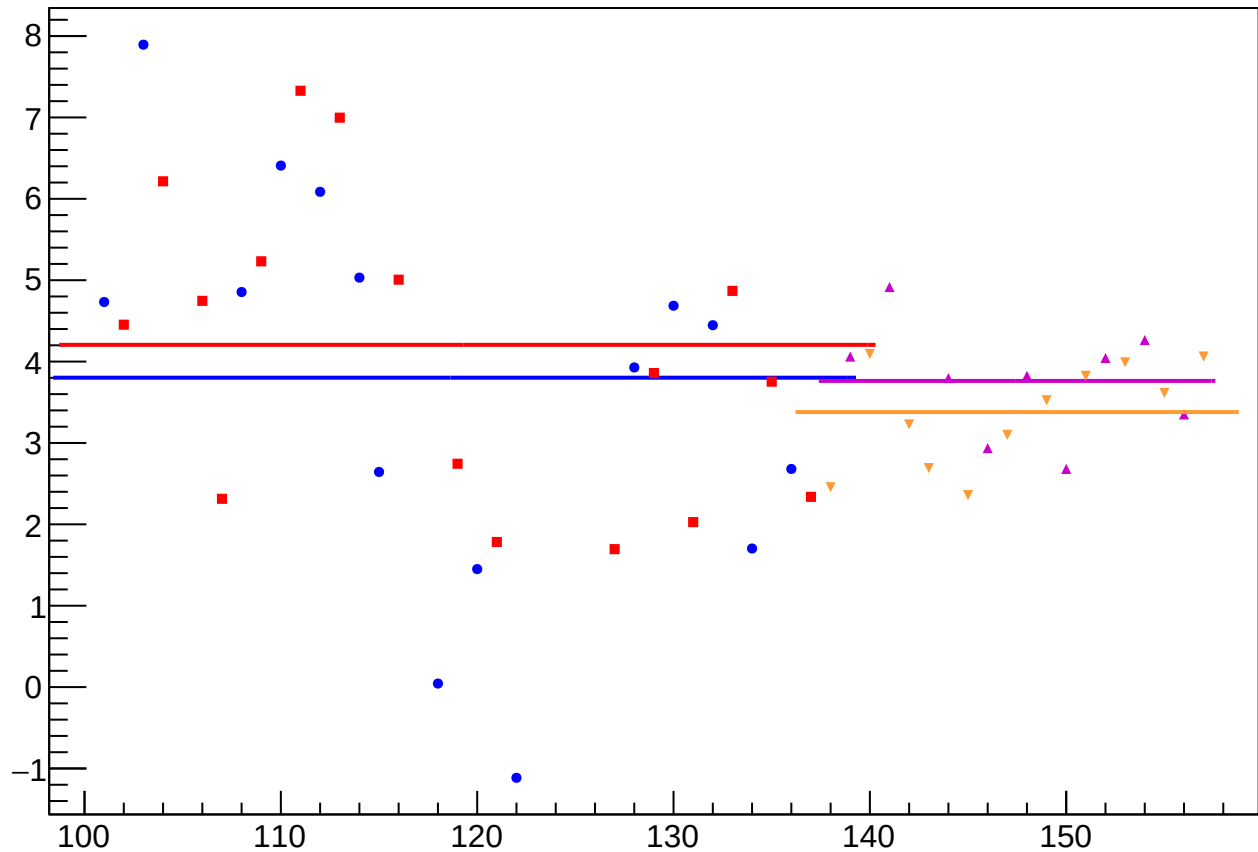
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

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: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

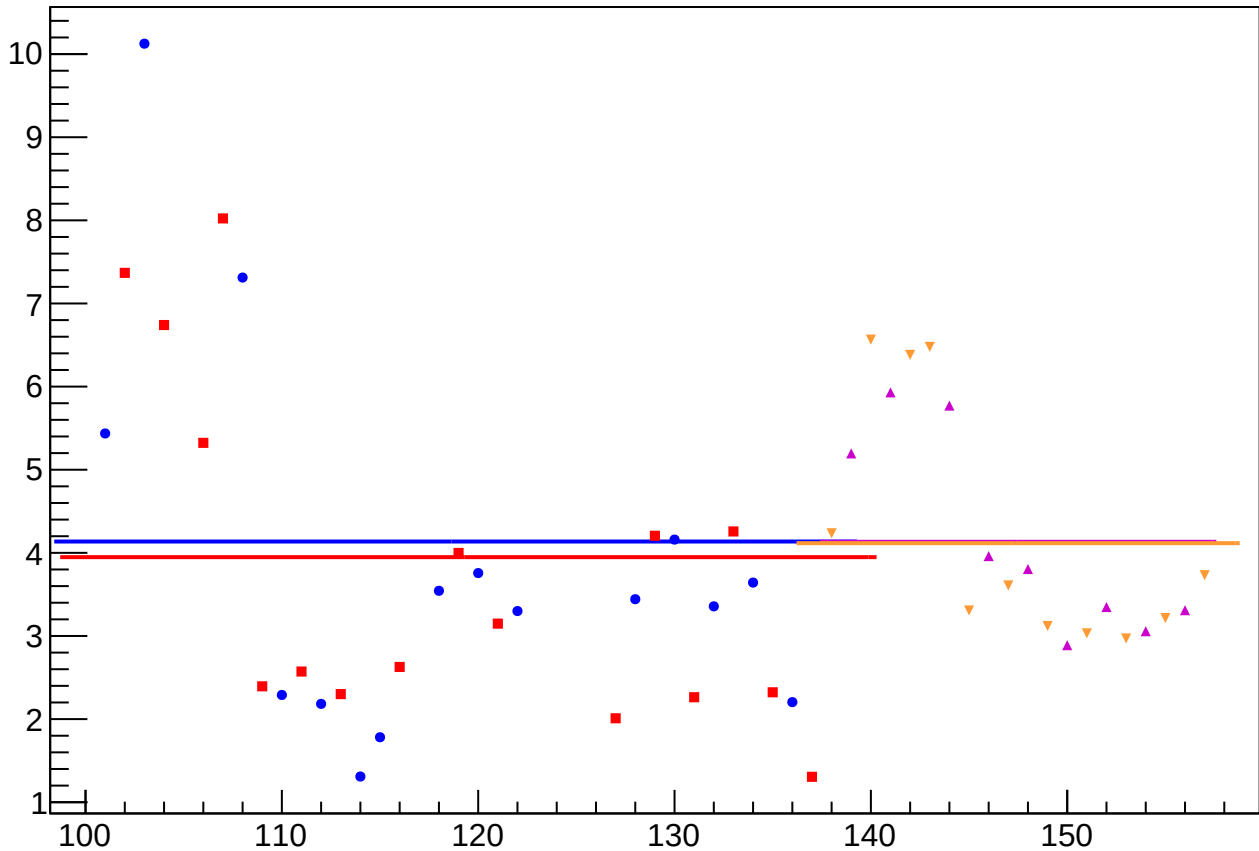
dit_4eX_coil4_mean vs Slug



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: 3.762+/-0.000	χ^2/NDF : 326764450894993244479010507849728.0/8

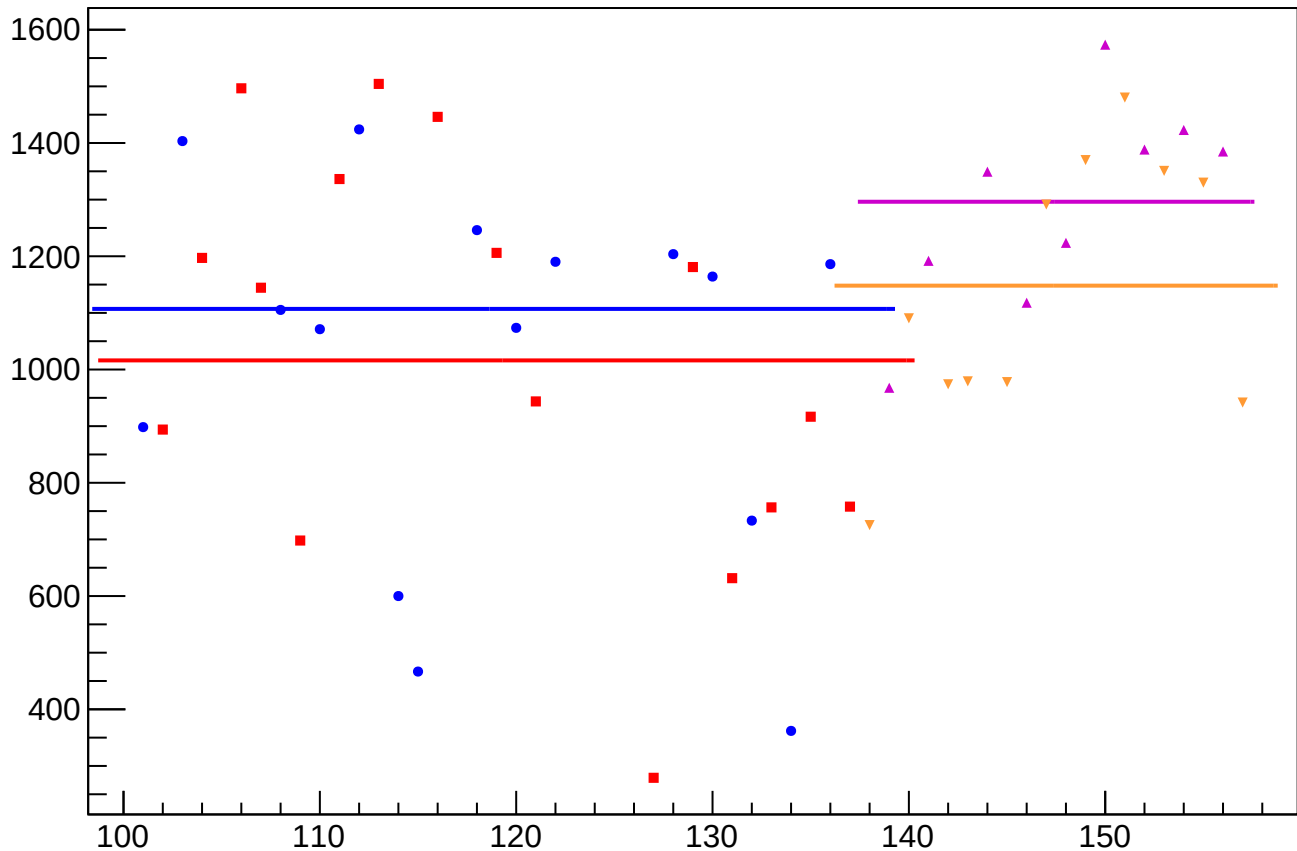
+ sign 3.564+/-0.000 χ^2/NDF : 41822872106085969
 All: 3.763+/-0.000 χ^2/NDF : 67950010672559
 - sign 3.968+/-0.000 χ^2/NDF : 24934201678799939

dit_4eX_coil4_err_mean vs Slug



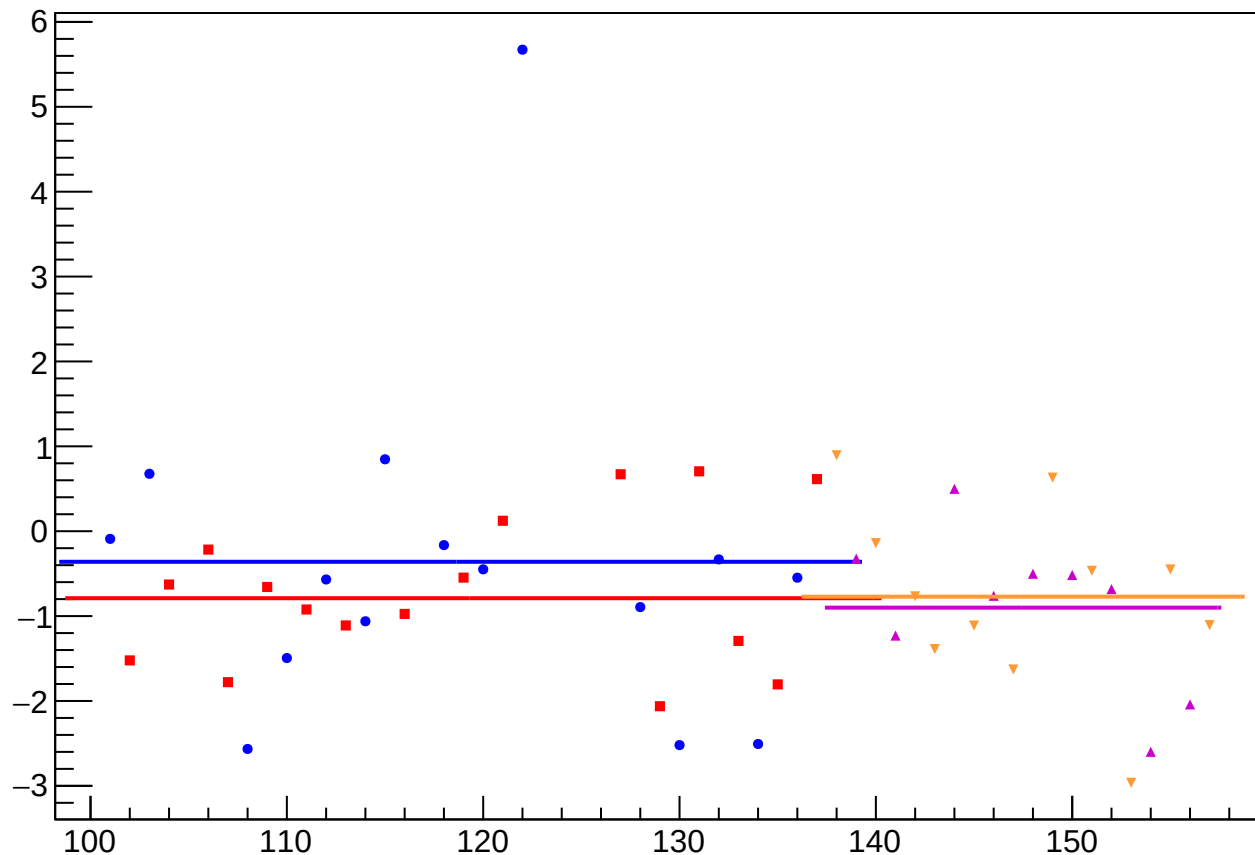
Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.117+/-0.000 χ^2/NDF : 153809150959506949750177877735168.0/10
 Right Out: 3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 4.133+/-0.000 χ^2/NDF : 968170242306864607753199801073664.0/8
 All: 4.087+/-0.000 χ^2/NDF : 87007892997280.0/14
 + sign 4.125+/-0.000 χ^2/NDF : 50458365945588619.0/14
 - sign 4.047+/-0.000 χ^2/NDF : 36505140167215261.0/14

dit_4eX_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: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

dit_11X12X_coil4_mean vs Slug



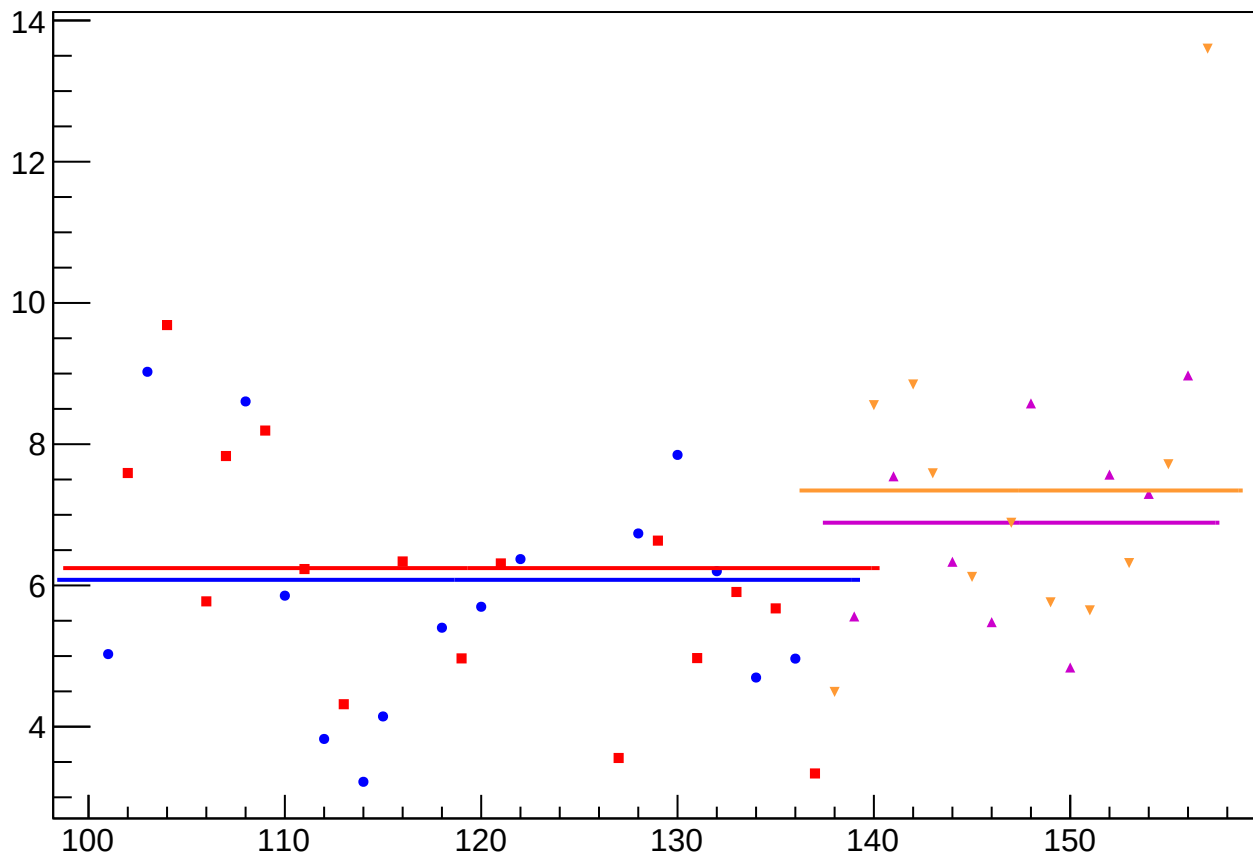
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.771+/-0.000 χ^2/NDF : 939568964537488529548212470546432.0/10

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

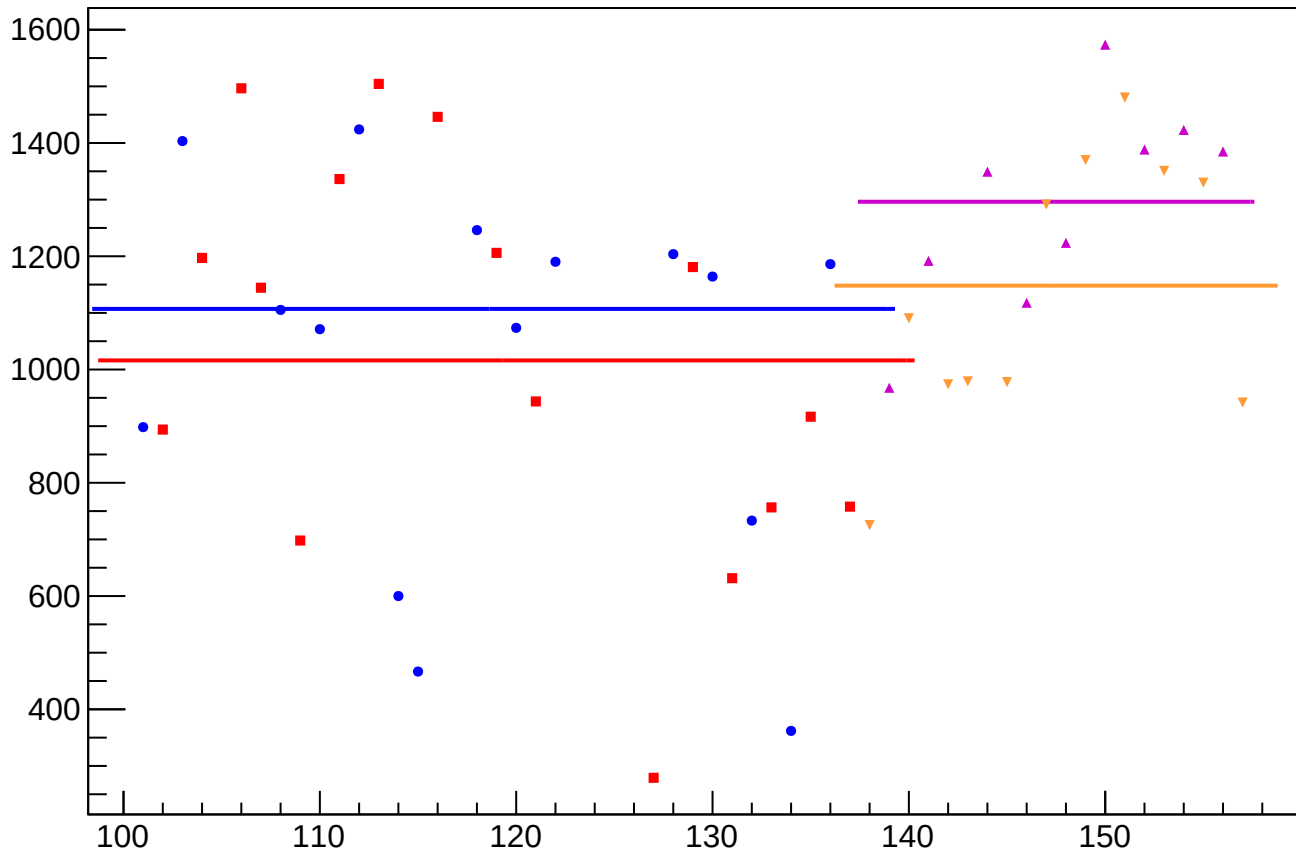
Left In: -0.900+/-0.000 χ^2/NDF : 603977804433205886466894440955904.0/8

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14	+ sign 6.792+/-0.000	χ^2/NDF : 68001675677160384
Left Out: 7.344+/-0.000	χ^2/NDF : 4624858552914717058787273020014592.0/10	All: 6.693+/-0.000	χ^2/NDF : 1019082524733
Right Out: 6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15	- sign 6.590+/-0.000	χ^2/NDF : 33607760869919628
Left In: 6.888+/-0.000	χ^2/NDF : 1396583801128958340242937697271808.0/8		

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

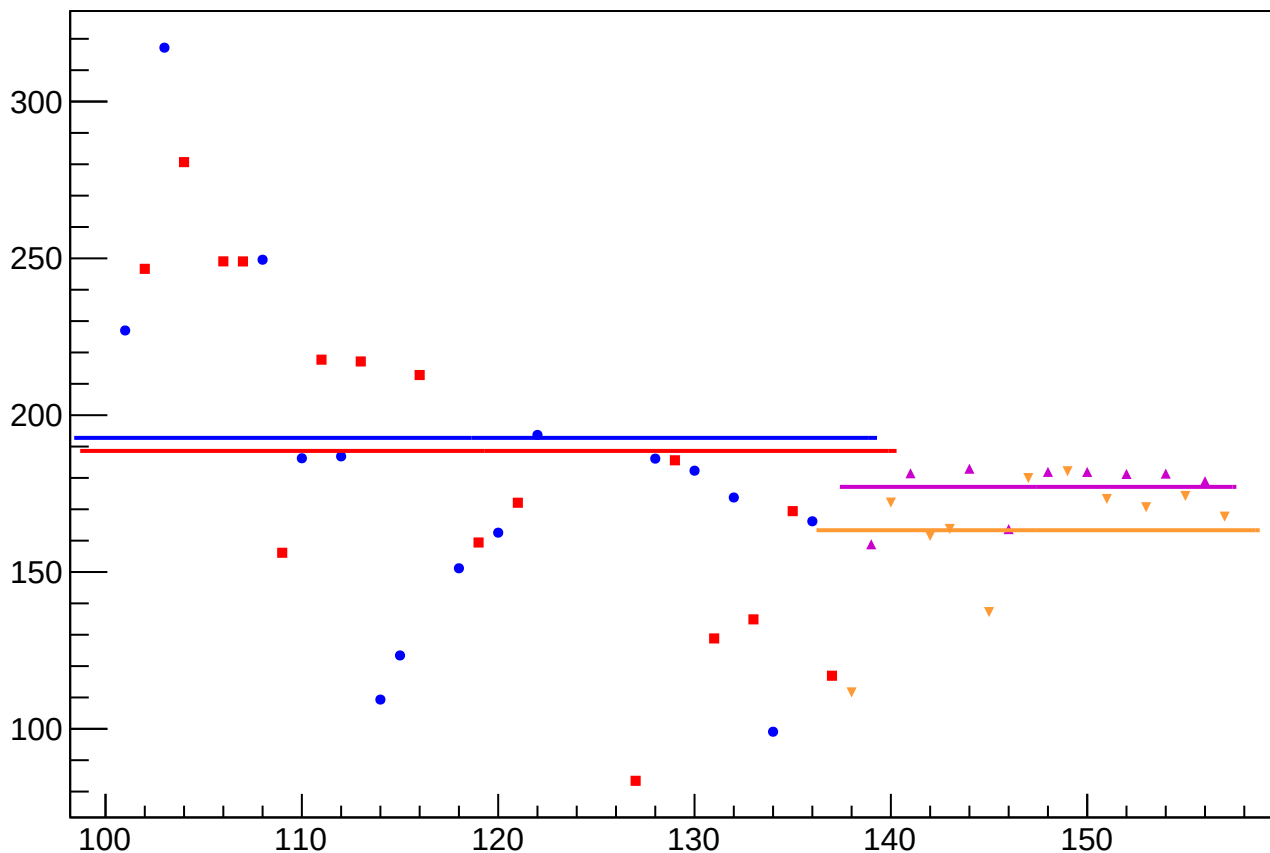
Left In: 1296.267 ± 0.000 χ^2/NDF : 22793690876362249320536230511696150528.0/8

+ sign 1130.179 ± 0.000 χ^2/NDF : 84853376247429

All: 1147.850 ± 0.000 χ^2/NDF : 20919458362

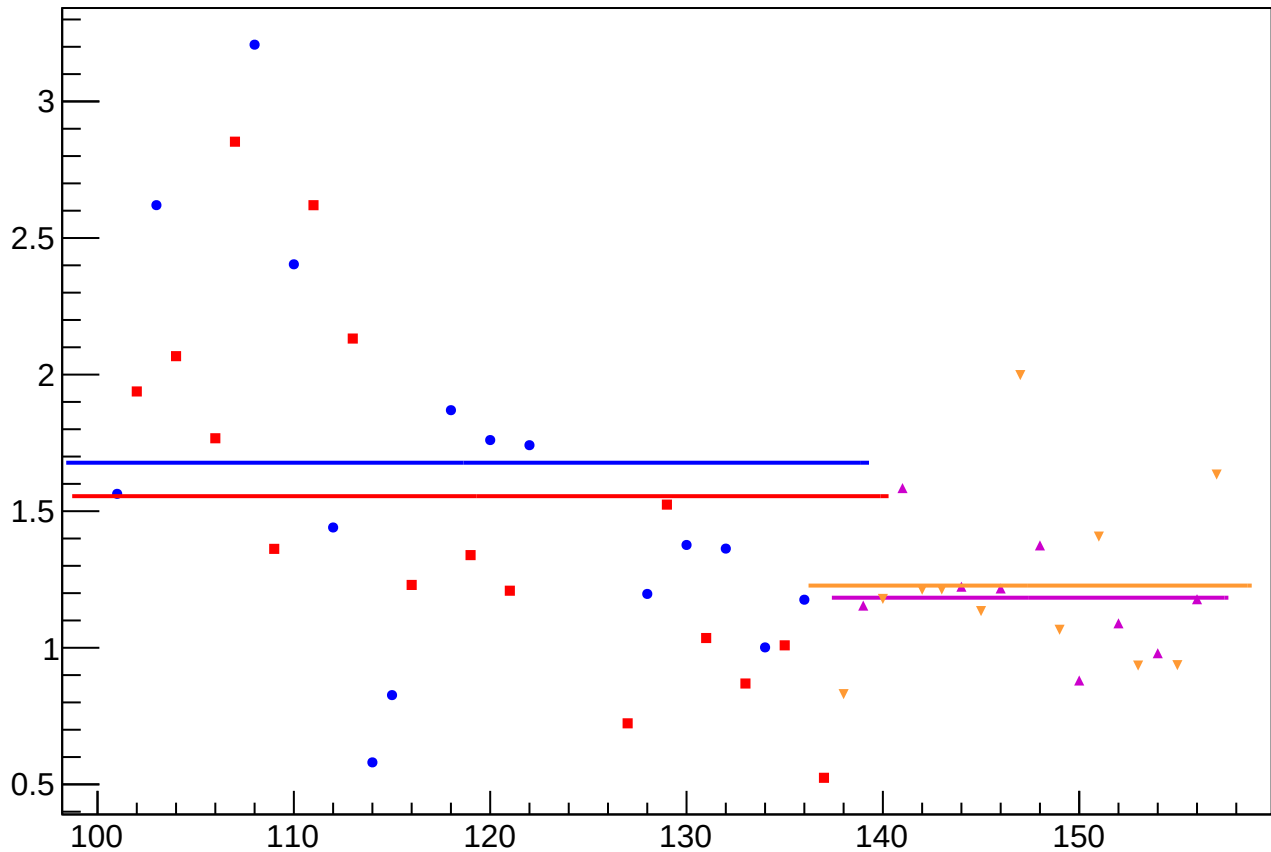
- sign 1166.136 ± 0.000 χ^2/NDF : 12339699066439

dit_4aY_coil4_mean vs Slug



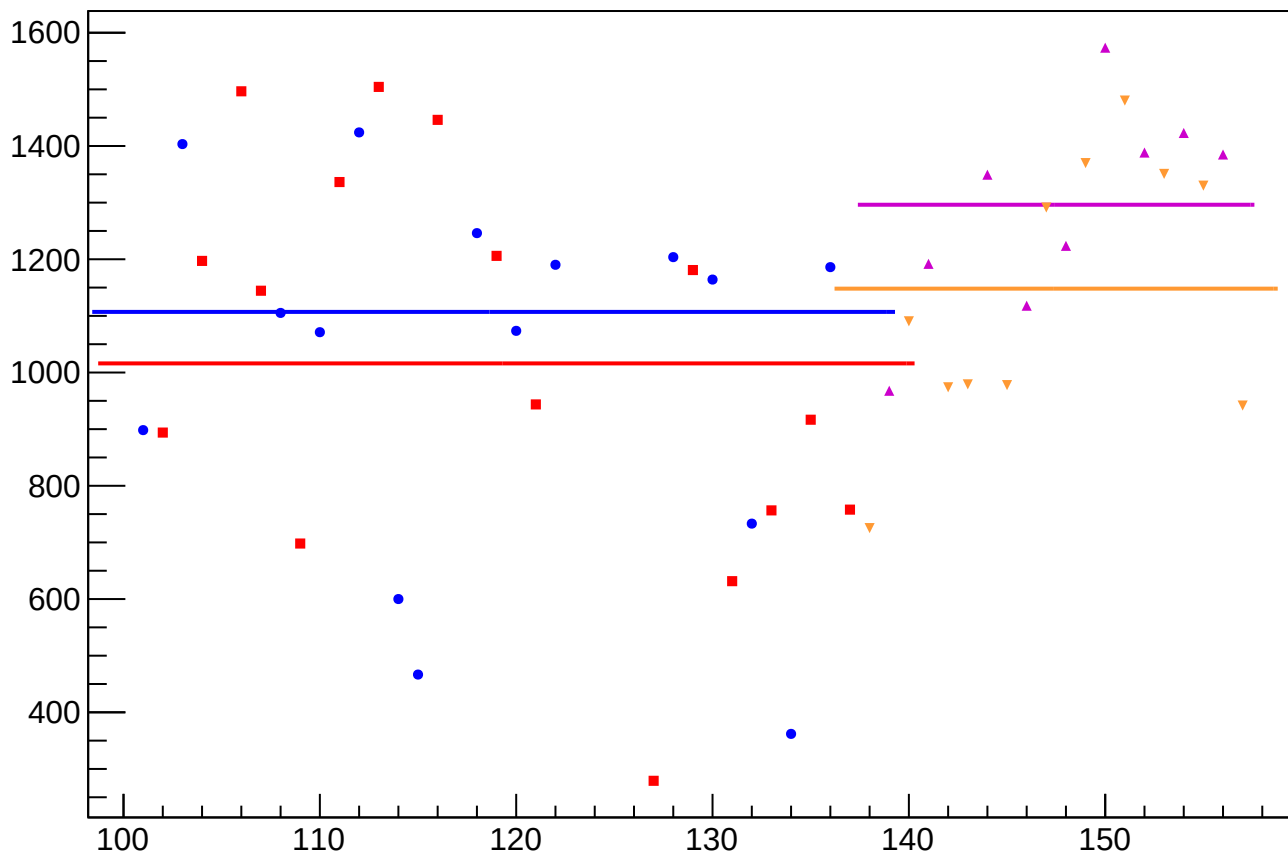
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14
 Left Out: 163.325+/-0.000 χ^2/NDF : 344835434803109089694945409257963520.0/10
 Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15
 Left In: 177.147+/-0.000 χ^2/NDF : 54063282611294064604787298172665856.0/8
 All: 179.275+/-0.000 χ^2/NDF : 435459428560.0/35
 + sign 176.185+/-0.000 χ^2/NDF : 230237340317356.0/35
 - sign 182.472+/-0.000 χ^2/NDF : 202335687311489.0/35

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: 1.183+/-0.000	χ^2/NDF : 29874083536075789658871537074176.0/8
+ sign 1.424+/-0.000	χ^2/NDF : 40717468215790935
All: 1.391+/-0.000	χ^2/NDF : 7454325345884
- sign 1.356+/-0.000	χ^2/NDF : 33486256827313622

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

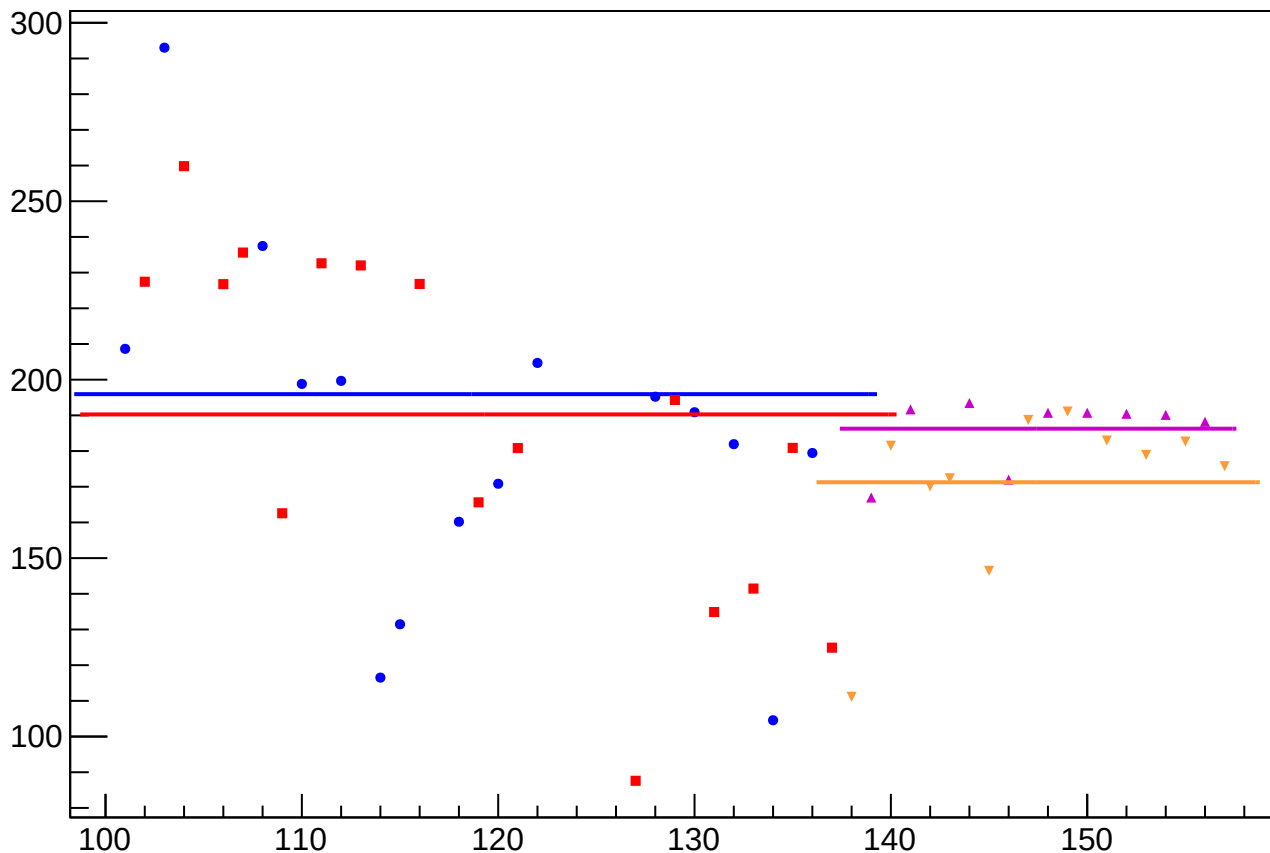
Left Out: 1148.111+/-0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1296.267+/-0.000 χ^2/NDF : 22793690876362249320536230511696150528.0/8

All: 1147.850+/-0.000 χ^2/NDF : 20919458362

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 171.260+/-0.000 χ^2/NDF : 424846092039802977395194940325101568.0/10

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

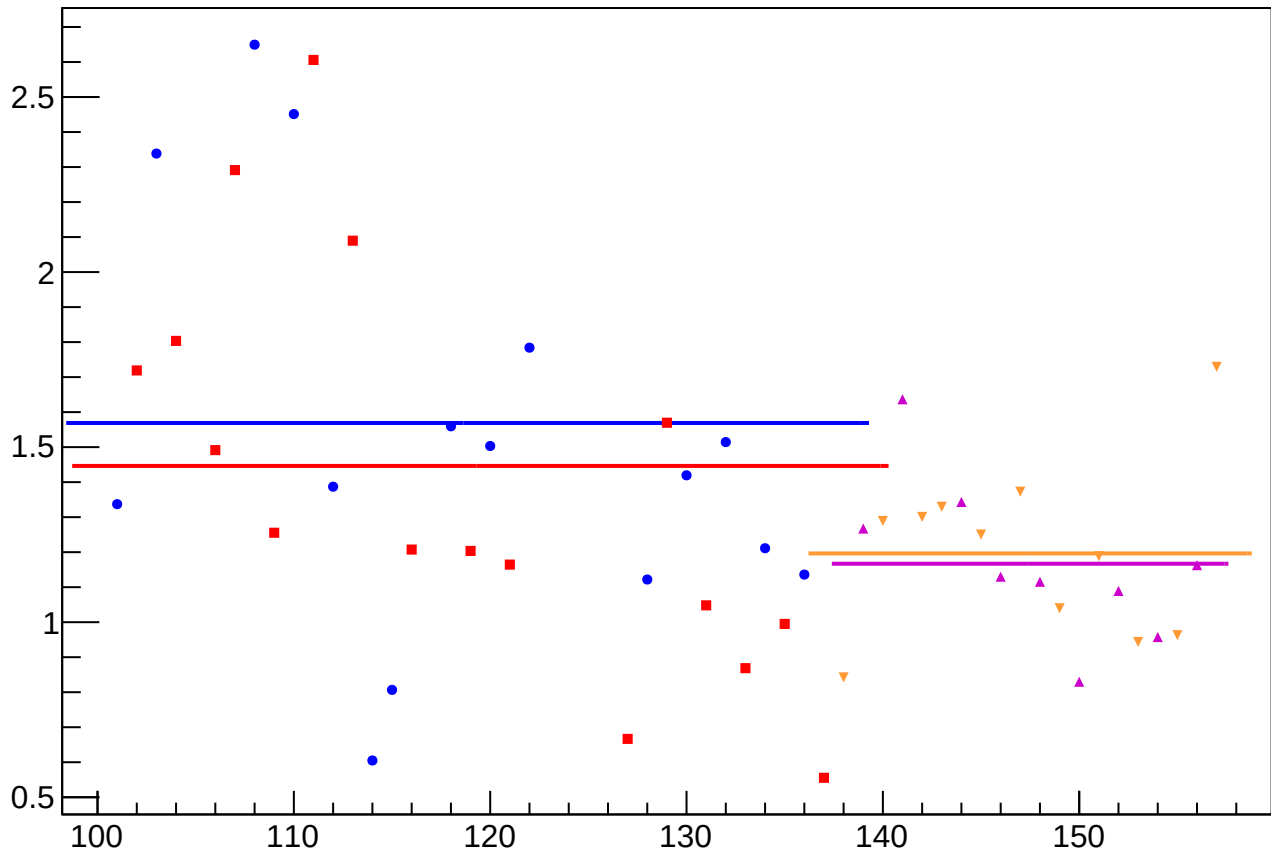
Left In: 186.268+/-0.000 χ^2/NDF : 60790740062457517520157095780941824.0/8

+ sign 182.039+/-0.000 χ^2/NDF : 170539916547443

All: 185.030+/-0.000 χ^2/NDF : 326743362200

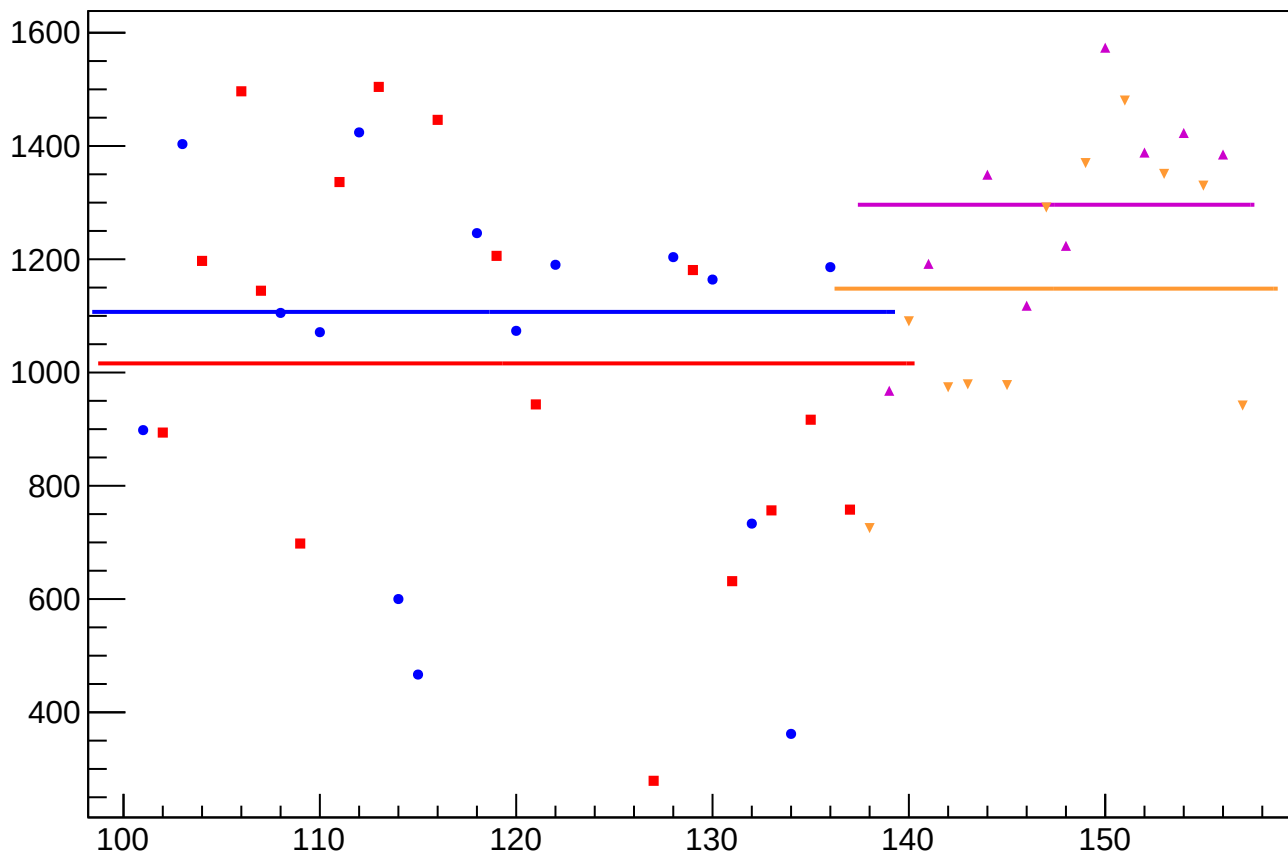
- sign 188.126+/-0.000 χ^2/NDF : 153497665064652

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: 1.167 $\pm$ 0.000 χ^2 /NDF: 37450450905692562609377279737856.0/8

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

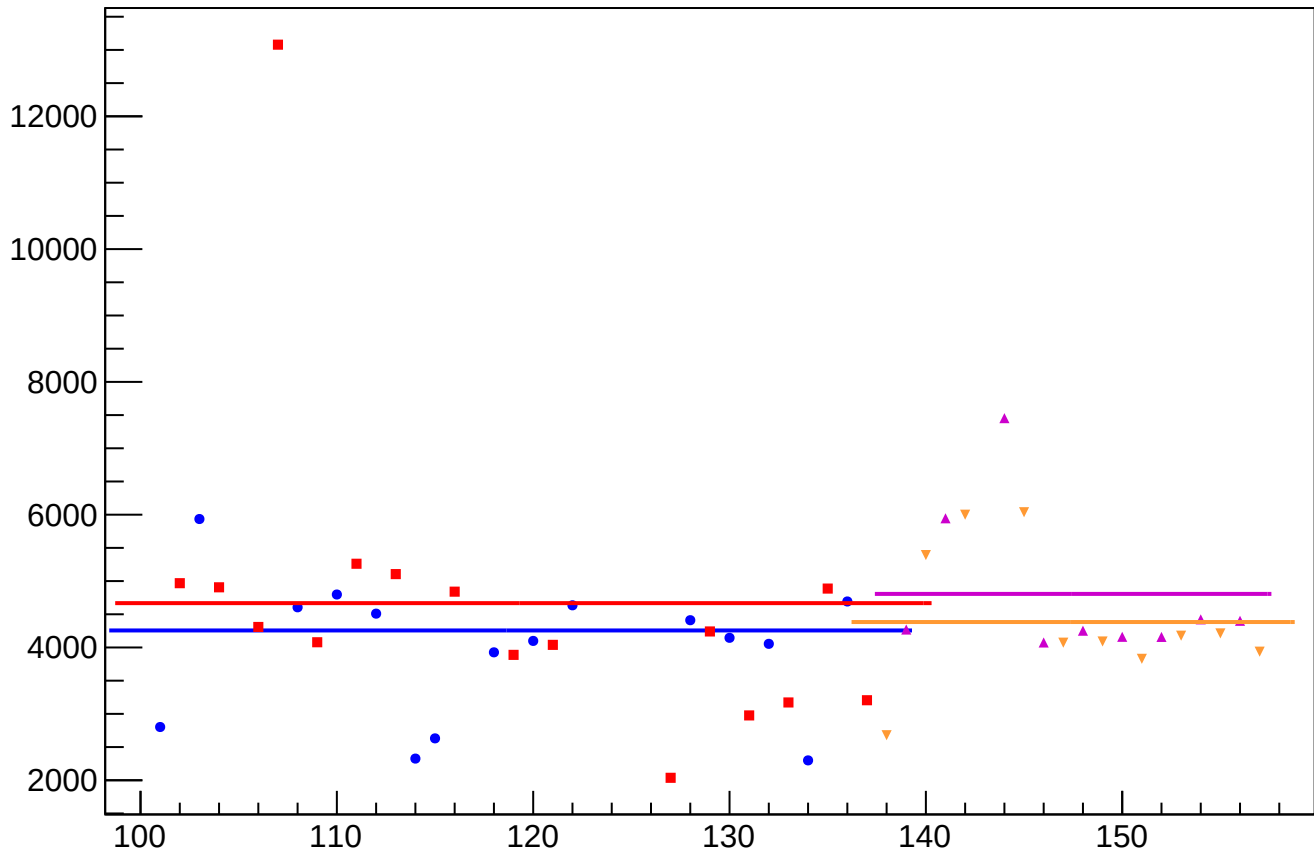
Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

Left In: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

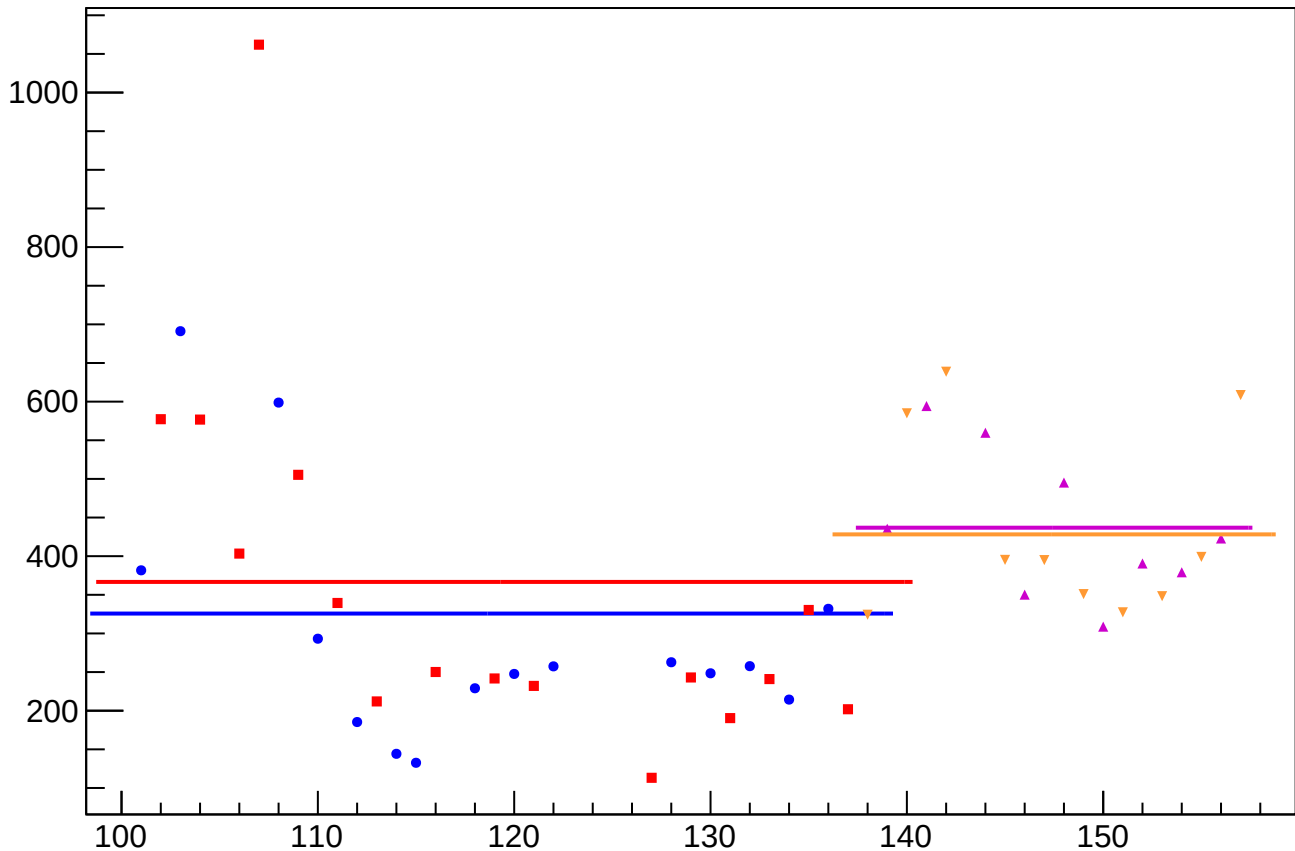
All: 1147.850 $\pm$ 0.000 χ^2 /NDF: 20919458362

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14	+ sign 4325.253+/-0.000	χ^2/NDF : 12161594745907
Left Out: 4383.298+/-0.000	χ^2/NDF : 711881763148993431367263829287575224320.0/9	All: 4535.002+/-0.000	χ^2/NDF : 54773099241
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15	- sign 4742.267+/-0.000	χ^2/NDF : 41370332996704
Left In: 4806.830+/-0.000	χ^2/NDF : 928206693032000139230093046581590753280.0/8		

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

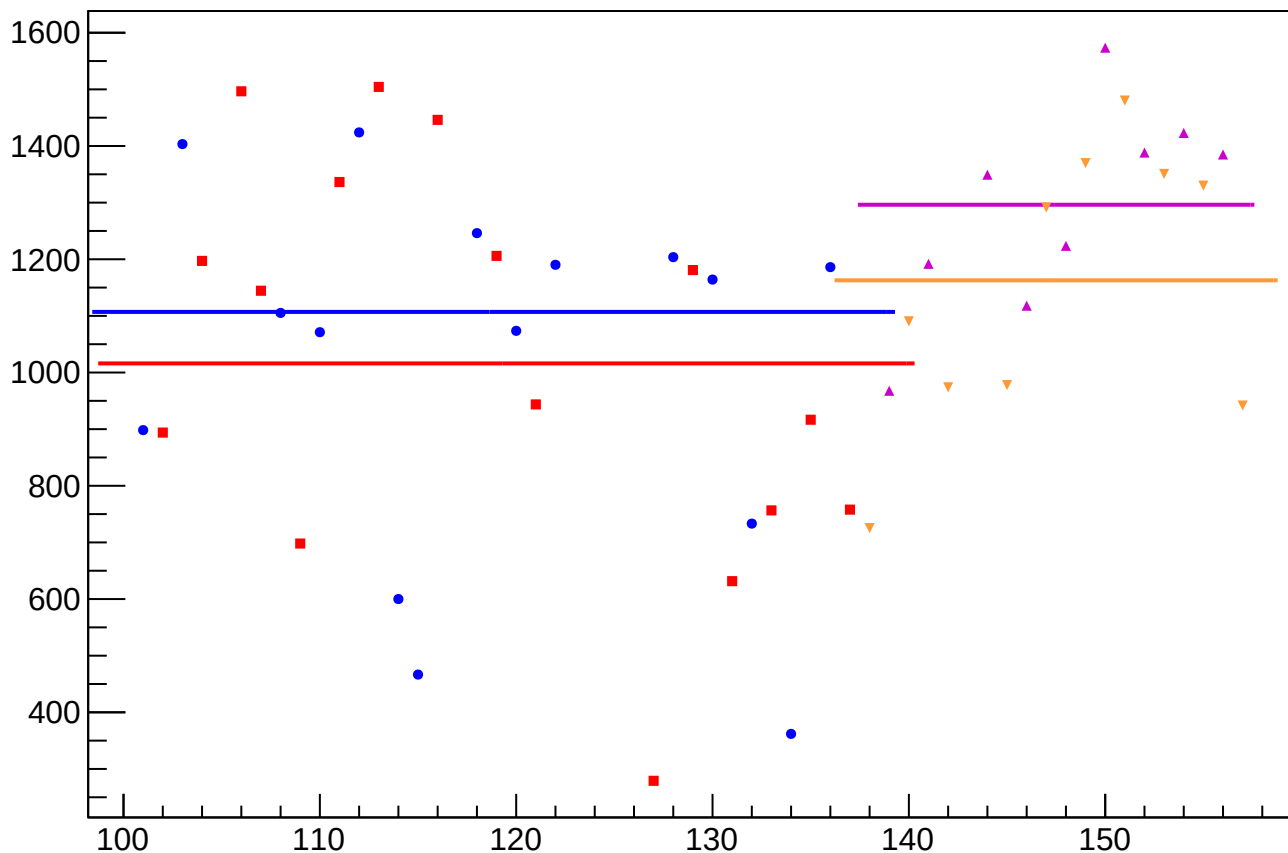
Left In: 436.849+/-0.000 χ^2/NDF : 6351808986253633674887599316386447360.0/8

+ sign 381.337+/-0.000 χ^2/NDF : 278660473755053

All: 392.866+/-0.000 χ^2/NDF : 684485971314

- sign 404.257+/-0.000 χ^2/NDF : 402076052643806

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1162.817+/-0.000 χ^2/NDF : 41523029742667910009048928403092144128.0/9

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

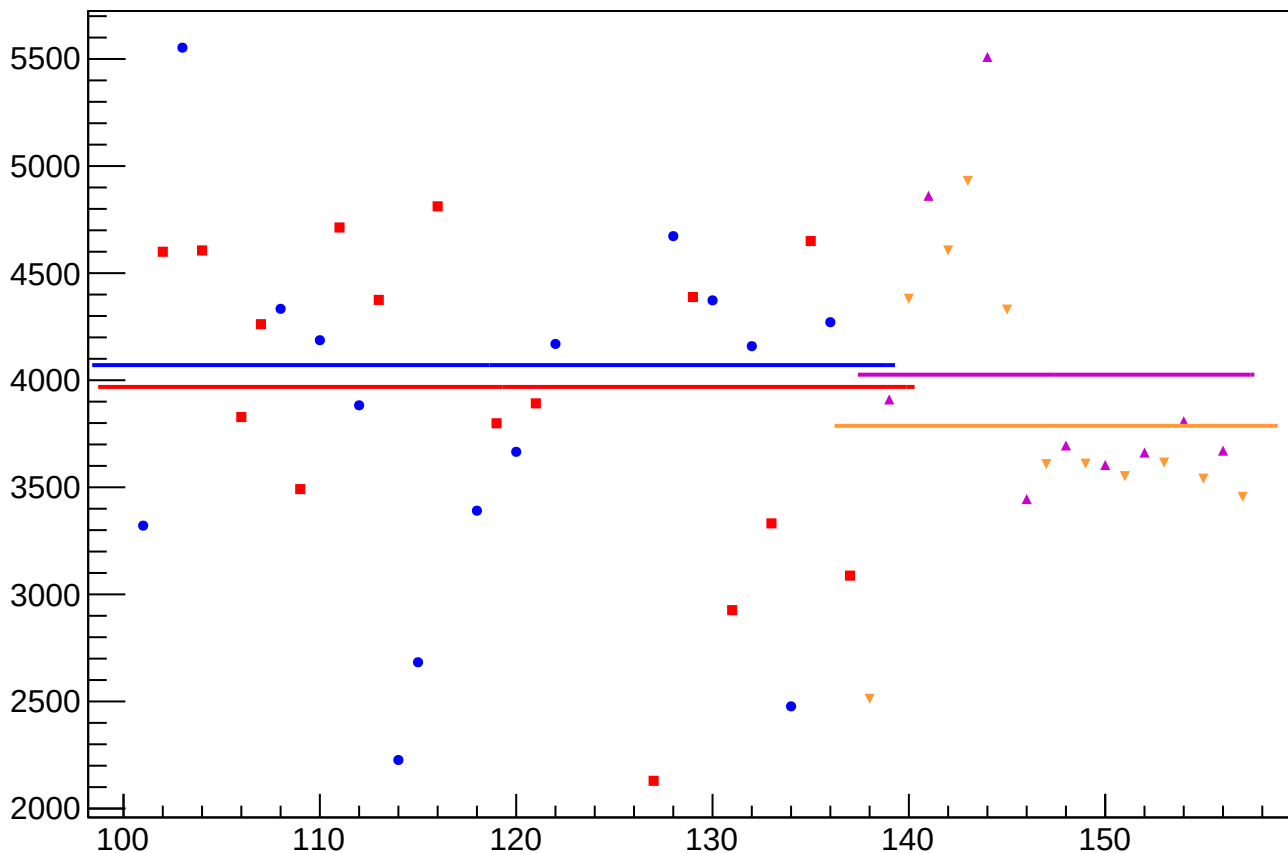
Left In: 1296.267+/-0.000 χ^2/NDF : 22793690876362249320536230511696150528.0/8

+ sign 1137.312+/-0.000 χ^2/NDF : 8325199883024

All: 1151.810+/-0.000 χ^2/NDF : 20724198065

- sign 1166.136+/-0.000 χ^2/NDF : 12339699066439

dit_usr_coil4_mean vs Slug



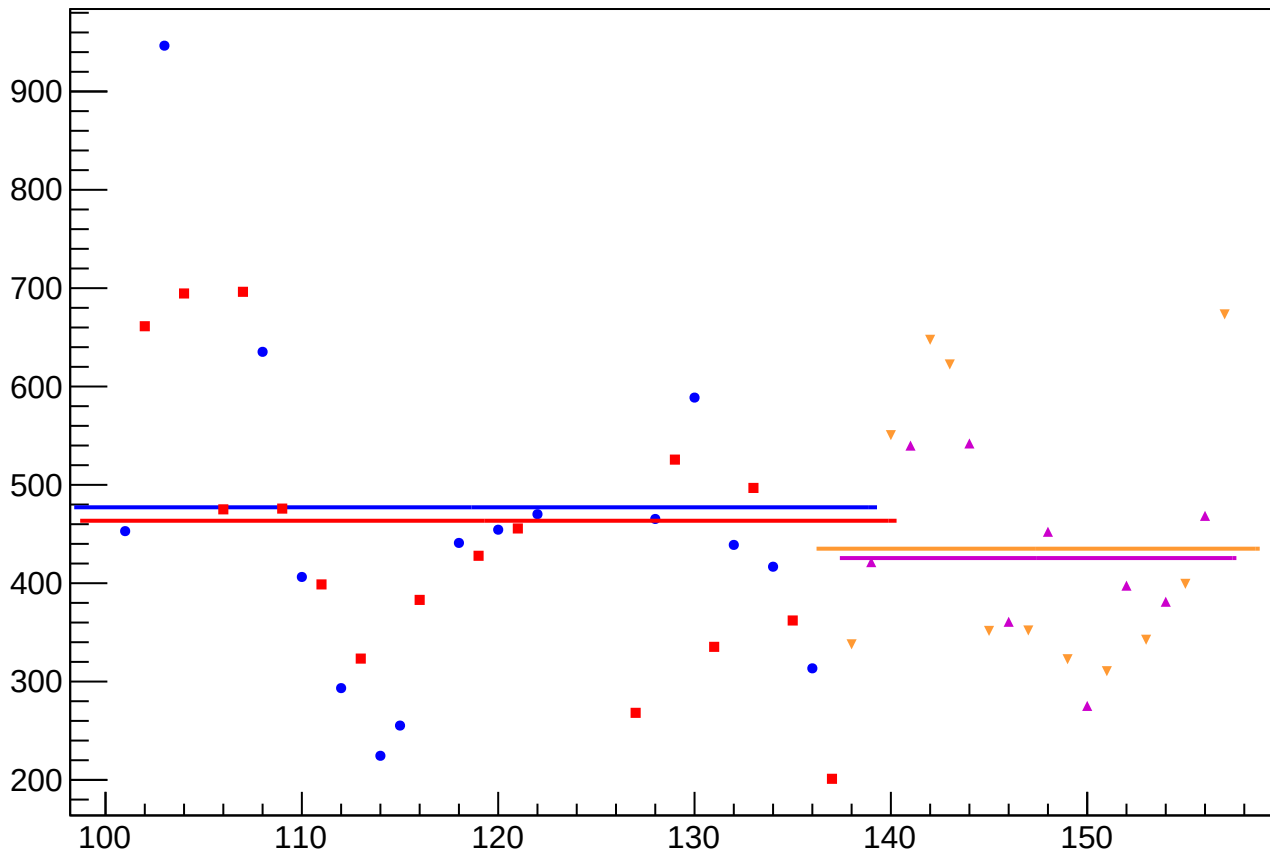
Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14

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: 4025.886+/-0.000 χ^2/NDF : 335457549682727842430258699912244887552.0/8

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

+ sign 453.483+/-0.000 χ^2/NDF : 360368220056869

Left Out: 435.104+/-0.000 χ^2/NDF : 14933720037575683500411822646931488768.0/10

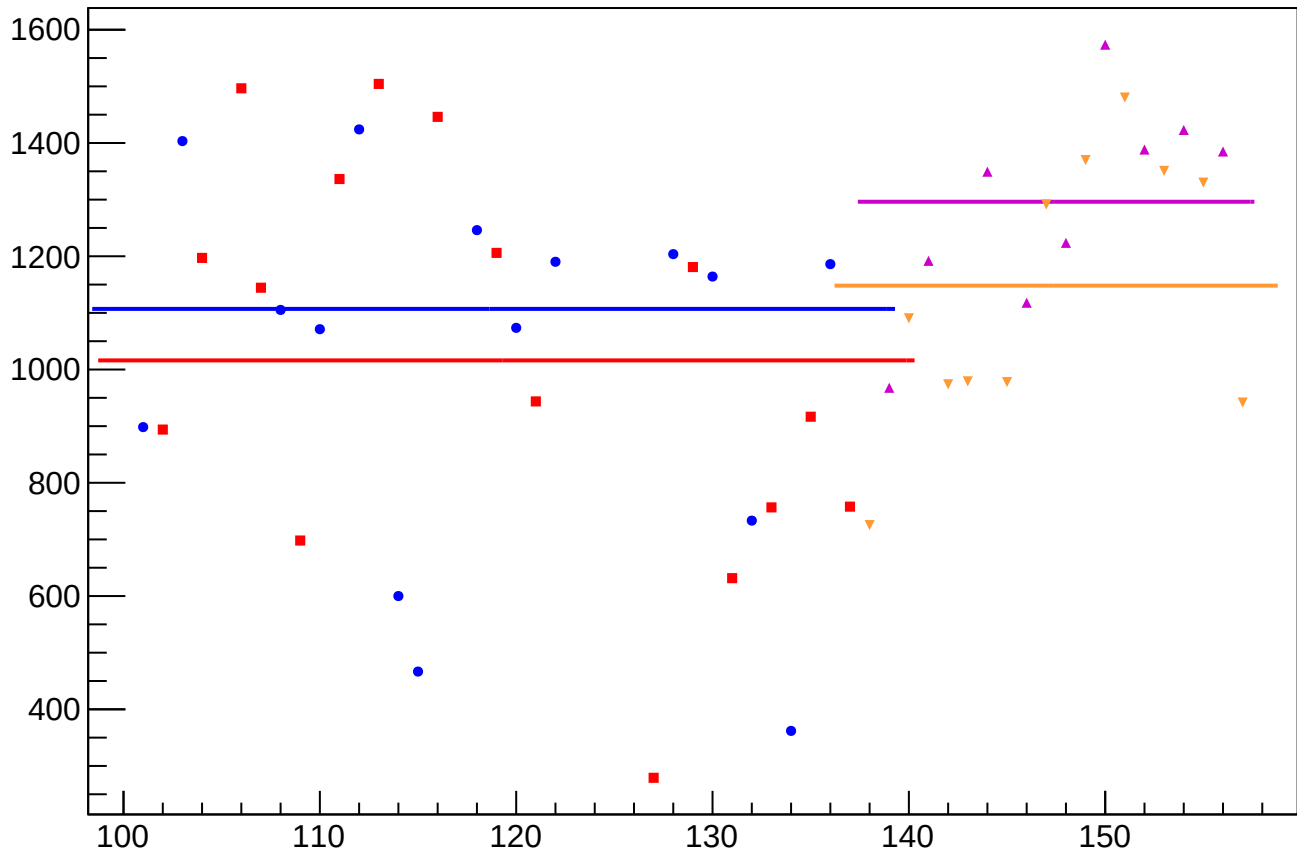
All: 448.423+/-0.000 χ^2/NDF : 543629855217

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

- sign 443.187+/-0.000 χ^2/NDF : 182487416191339

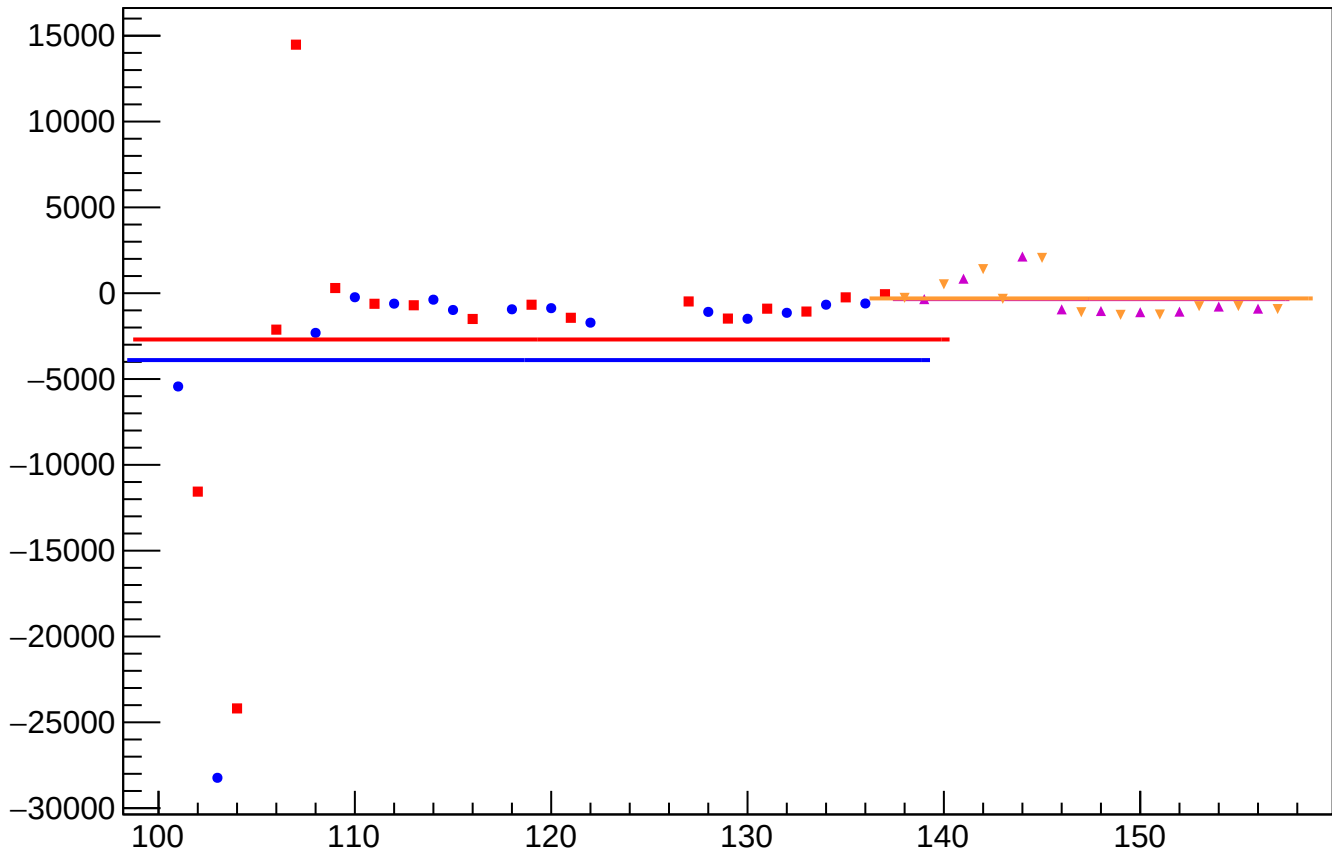
Left In: 425.557+/-0.000 χ^2/NDF : 5177379363256908438106401704150827008.0/8

dit_usr_coil4_Ndata_mean vs Slug



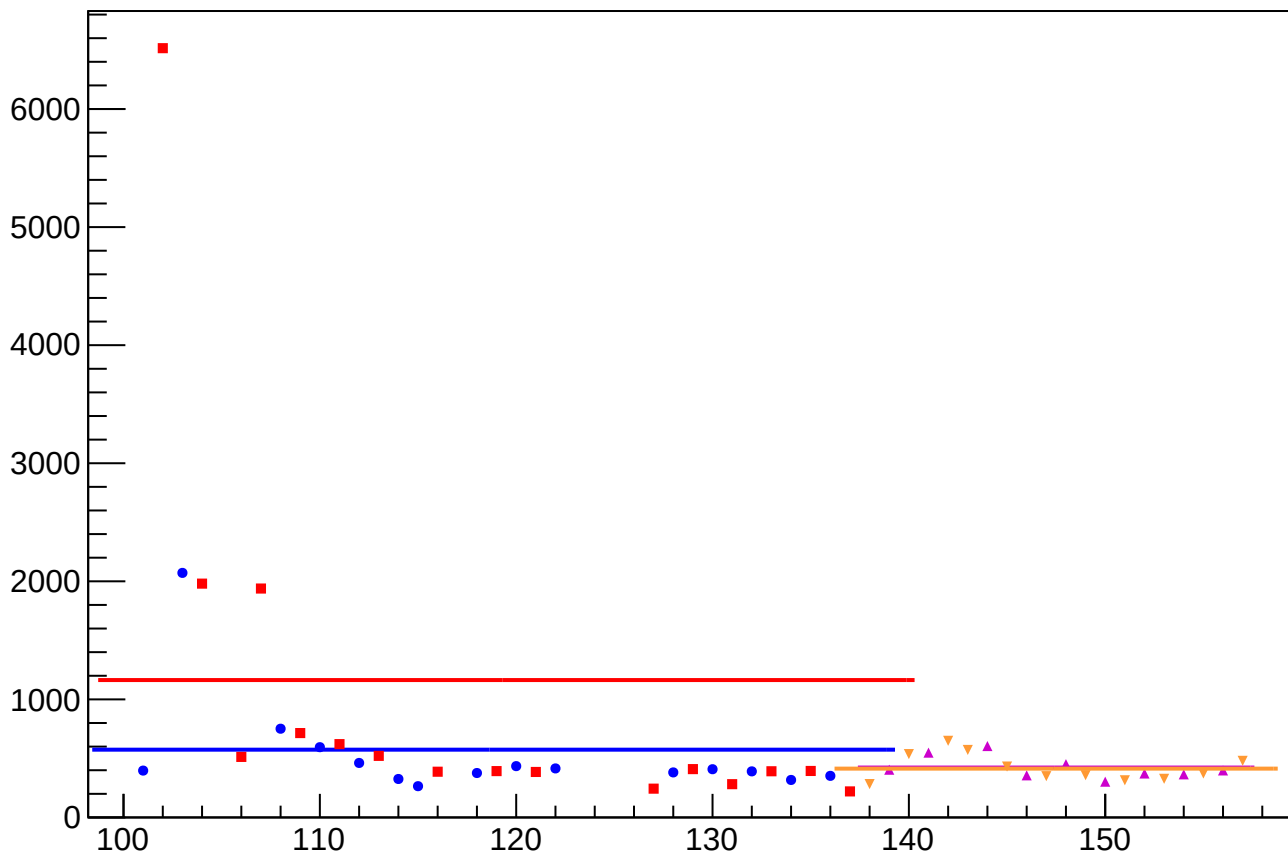
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

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: -345.313+/-0.000 χ^2/NDF : 878441046784198310471677816315079294976.0/8

dit_atl1_coil4_err_mean vs Slug



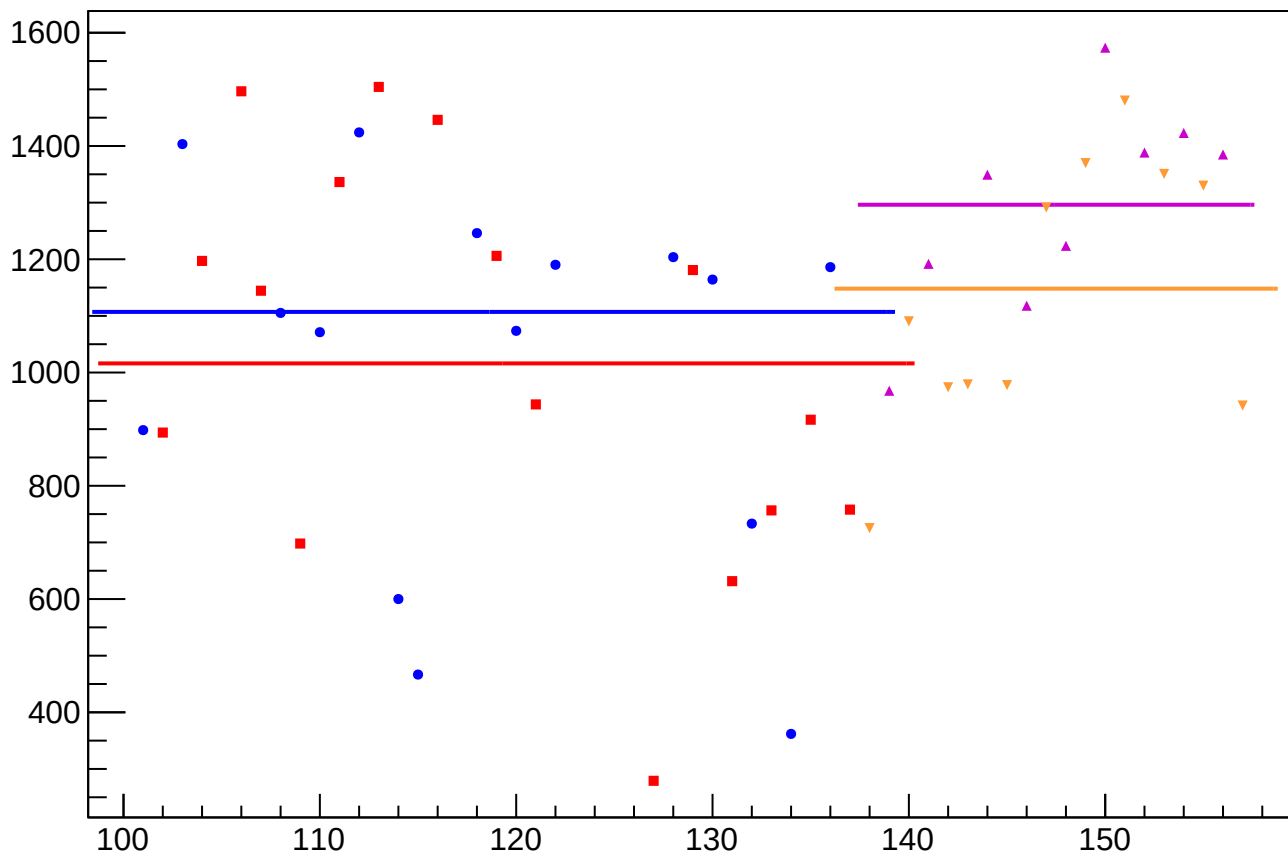
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

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: 422.773+/-0.000 χ^2/NDF : 6633271559722307700541377766787907584.0/8

dit_atl1_coil4_Ndata_mean vs Slug



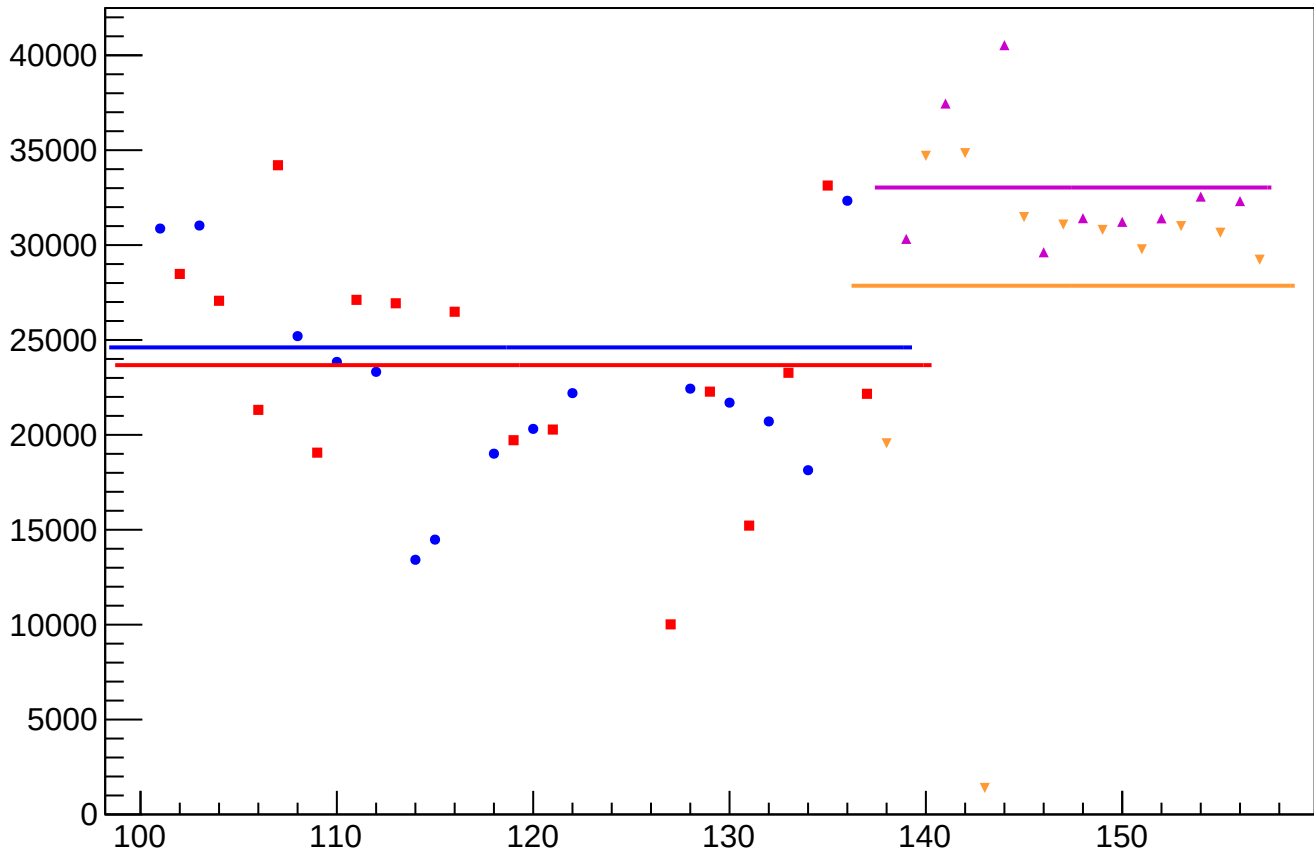
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

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

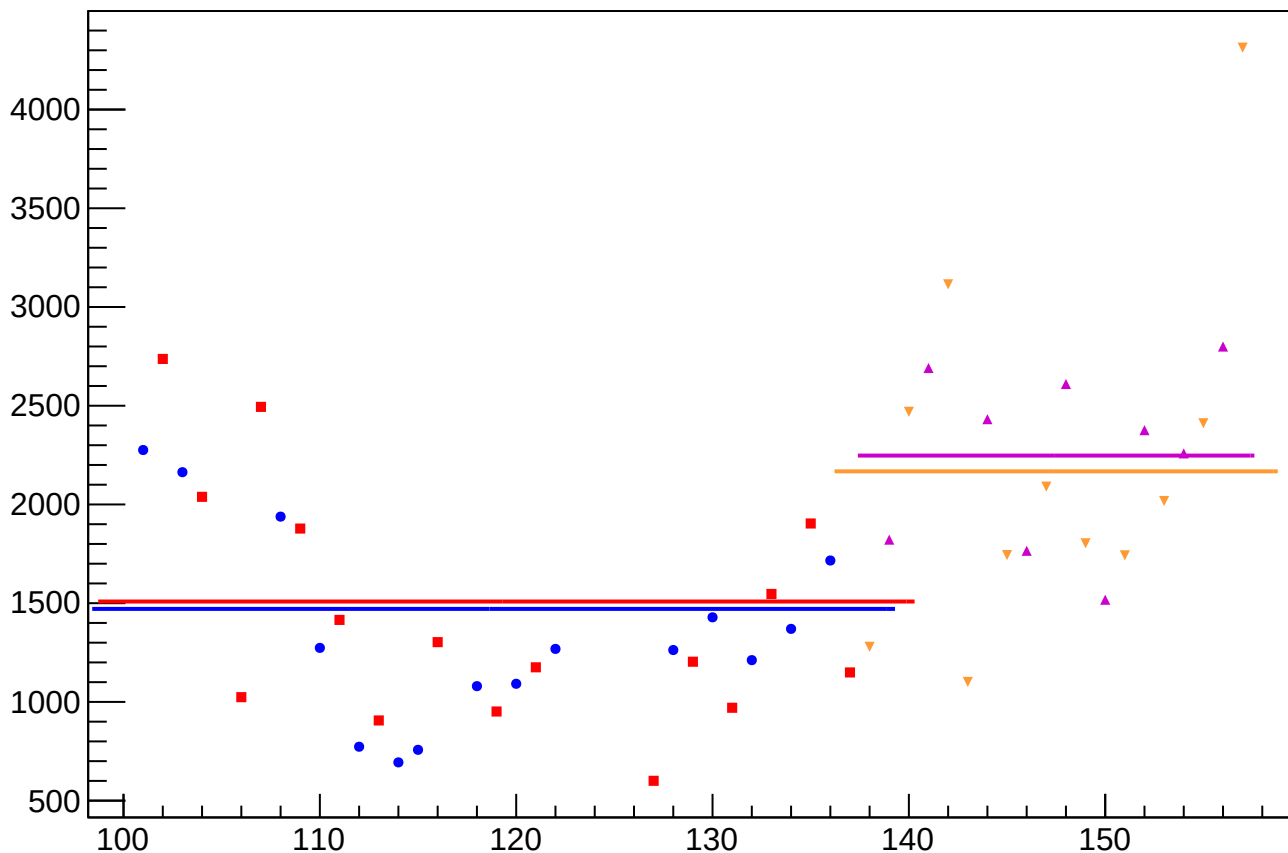
Left In: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

dit_atl2_coil4_mean vs Slug



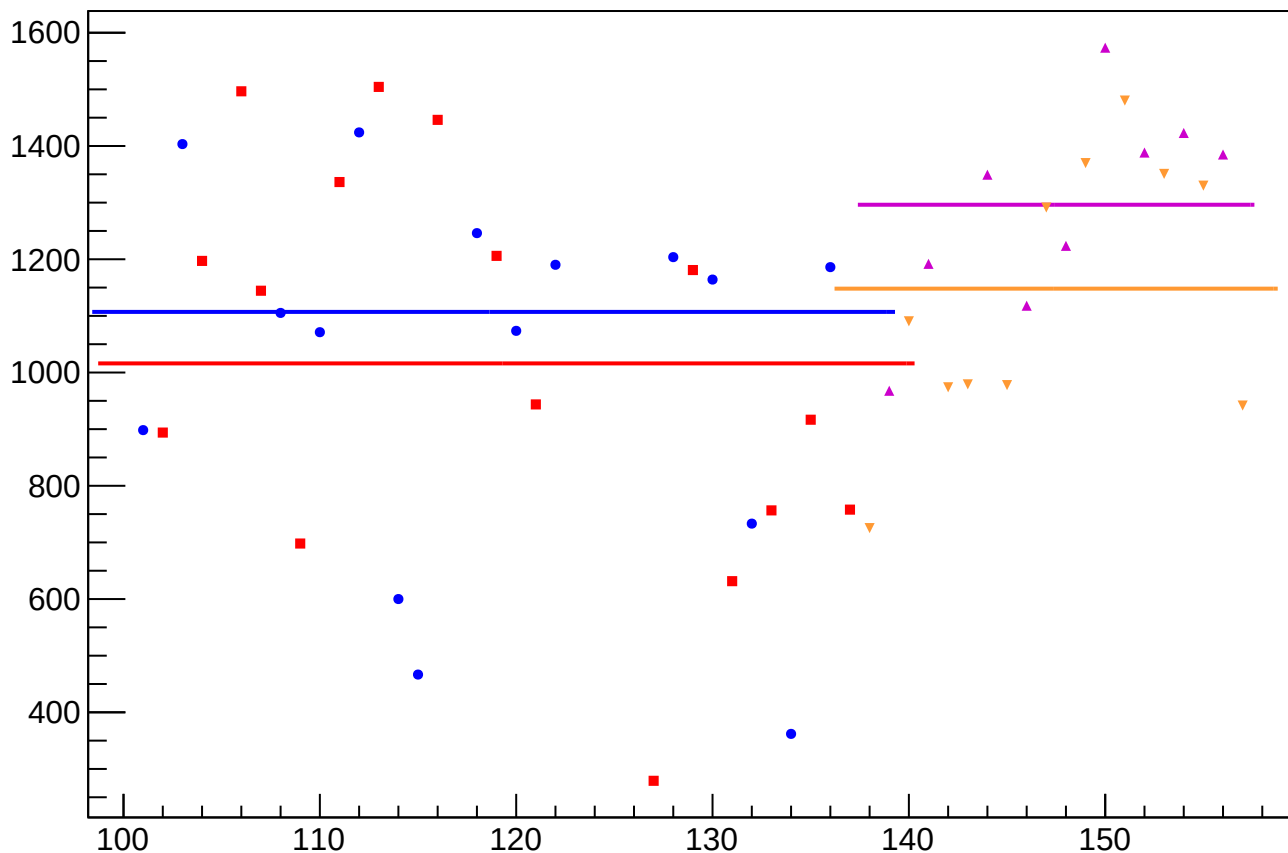
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 27858.168+/-0.000 χ^2/NDF : 62866543265287080677847740208780394102784.0/10
 Right Out: 23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: 33032.634+/-0.000 χ^2/NDF : 9039882662644689392172611039719539605504.0/8

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000	χ^2/NDF : 139174979420467841073894167956452016128.0/14	+ sign 1863.451+/-0.000	χ^2/NDF : 91356066435987
Left Out: 2167.679+/-0.000	χ^2/NDF : 597007941278321706306002310983996932096.0/10	All: 1883.502+/-0.000	χ^2/NDF : 14990919427
Right Out: 1508.451+/-0.000	χ^2/NDF : 250085163770425050605763446985715613696.0/15	- sign 1904.251+/-0.000	χ^2/NDF : 58431560833944
Left In: 2247.552+/-0.000	χ^2/NDF : 139108364878901561362825485988824875008.0/8		

dit_atl2_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

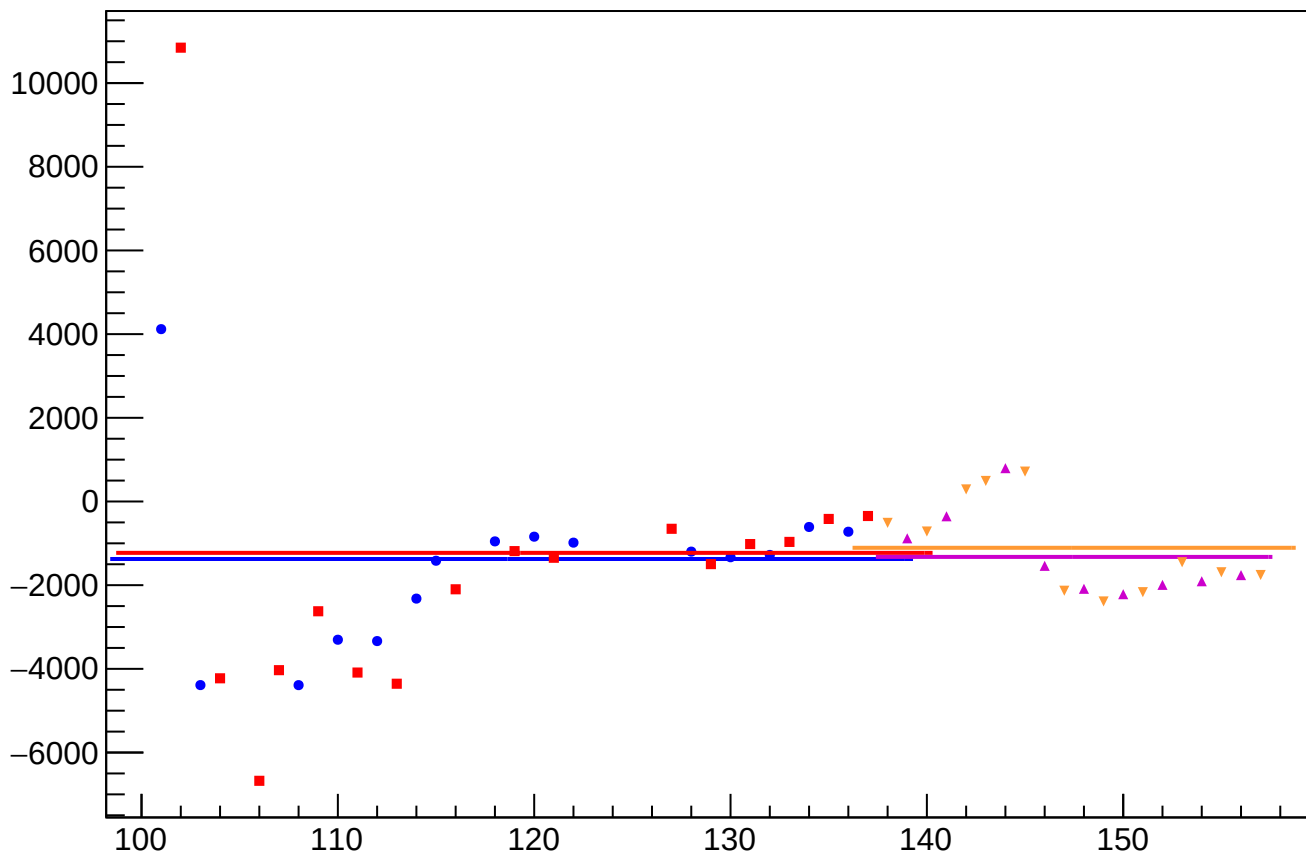
Left In: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

+ sign 1130.179 $\pm$ 0.000 χ^2 /NDF: 84853376247429

All: 1147.850 $\pm$ 0.000 χ^2 /NDF: 20919458362

- sign 1166.136 $\pm$ 0.000 χ^2 /NDF: 12339699066439

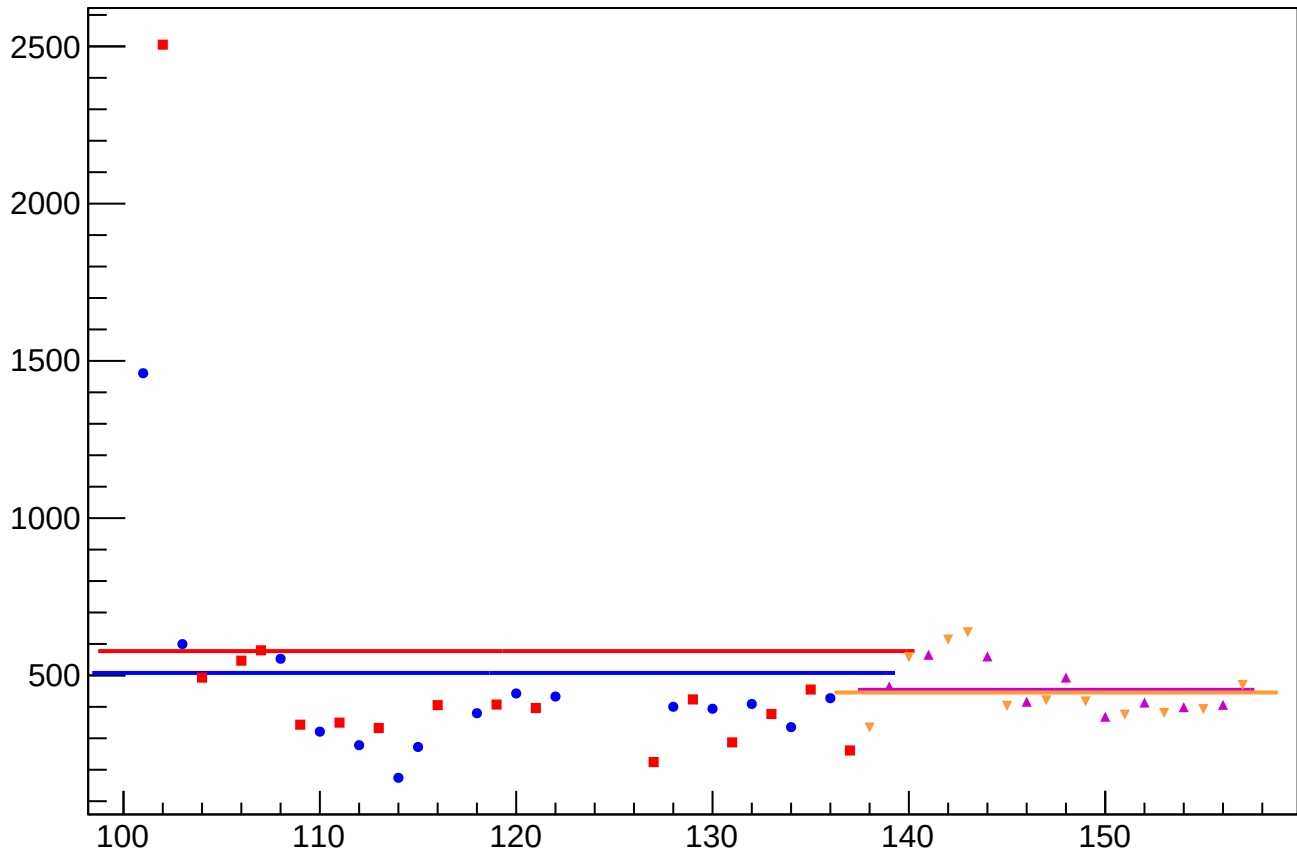
dit_atr1_coil4_mean vs Slug



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: -1324.558+/-0.000	χ^2/NDF : 705436253149179050331647584711642972160.0/8

+ sign -1223.606+/-0.000 χ^2/NDF : 4046218214065
 All: -1251.150+/-0.000 χ^2/NDF : 1587259993
 - sign -1279.652+/-0.000 χ^2/NDF : 1182408780060

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

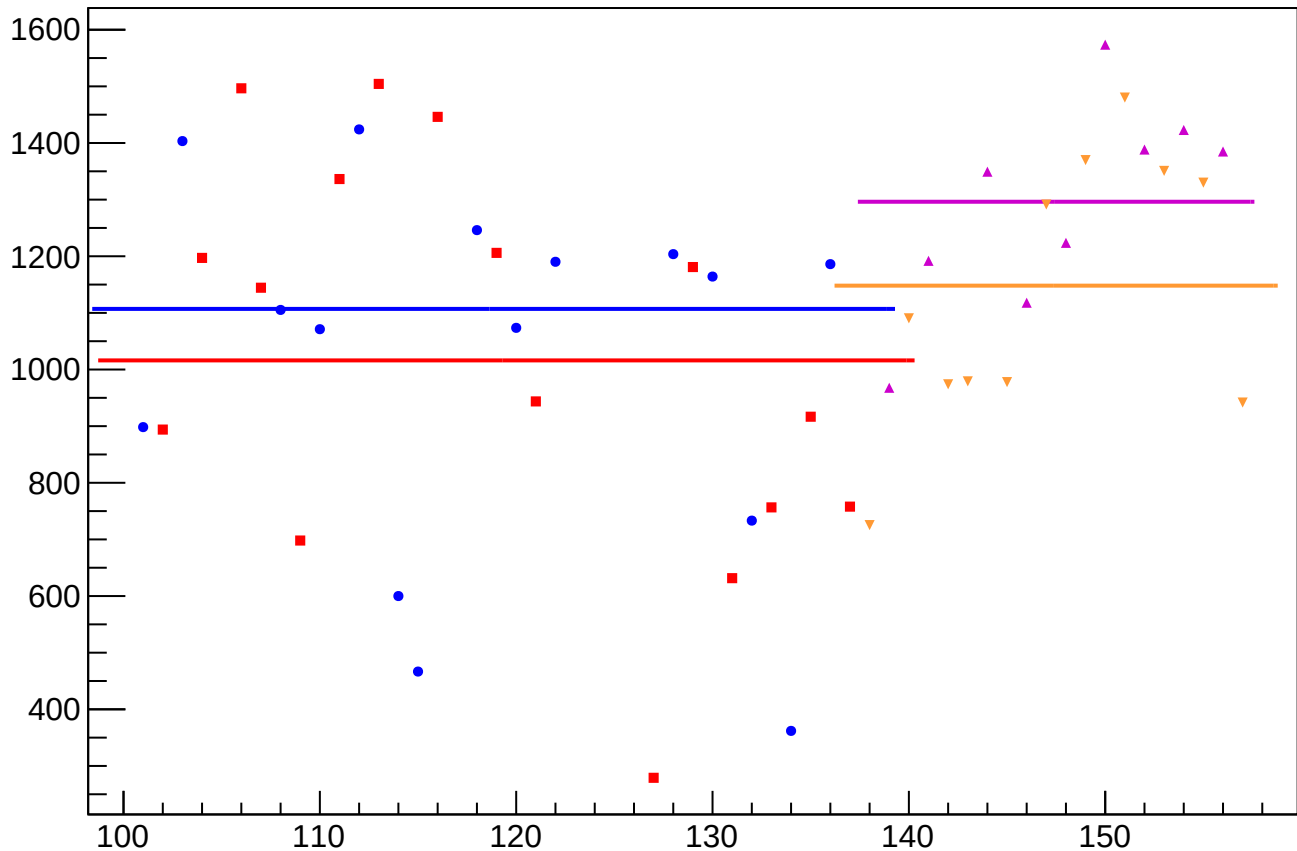
Left In: 454.053 ± 0.000 χ^2/NDF : 3577872631570484561857727203878371328.0/8

+ sign 472.756 ± 0.000 χ^2/NDF : 725915824716522

All: 491.687 ± 0.000 χ^2/NDF : 323963075592

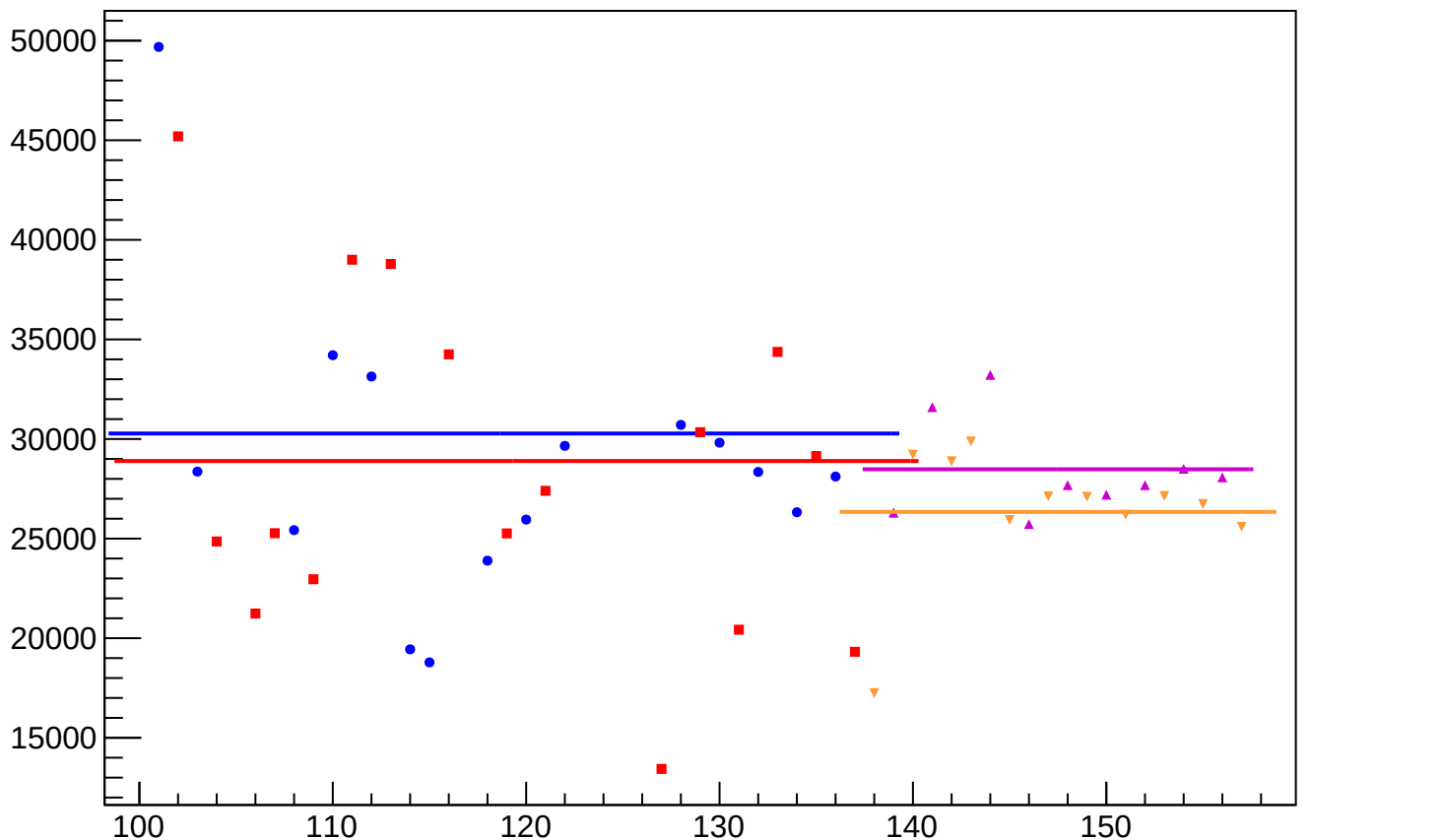
- sign 511.276 ± 0.000 χ^2/NDF : 250287892601102

dit_atr1_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: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

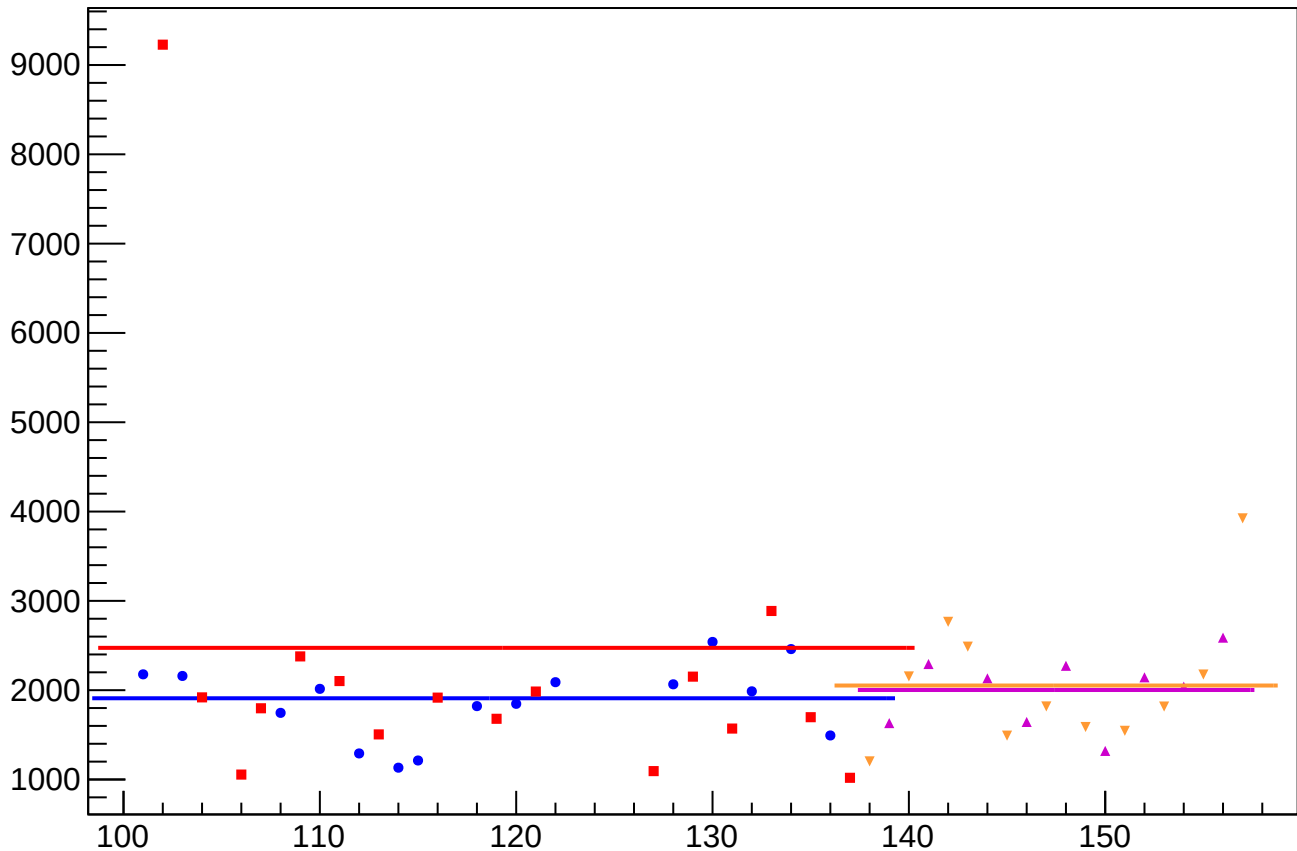
dit_atr2_coil4_mean vs Slug



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: 28481.144+/-0.000	χ^2/NDF : 4109499696705546621112261191948291801088.0/8

+ sign 28060.329+/-0.000 χ^2/NDF : 4513093310977
 All: 28361.907+/-0.000 χ^2/NDF : 9654651304
 - sign 28673.986+/-0.000 χ^2/NDF : 5114057228400

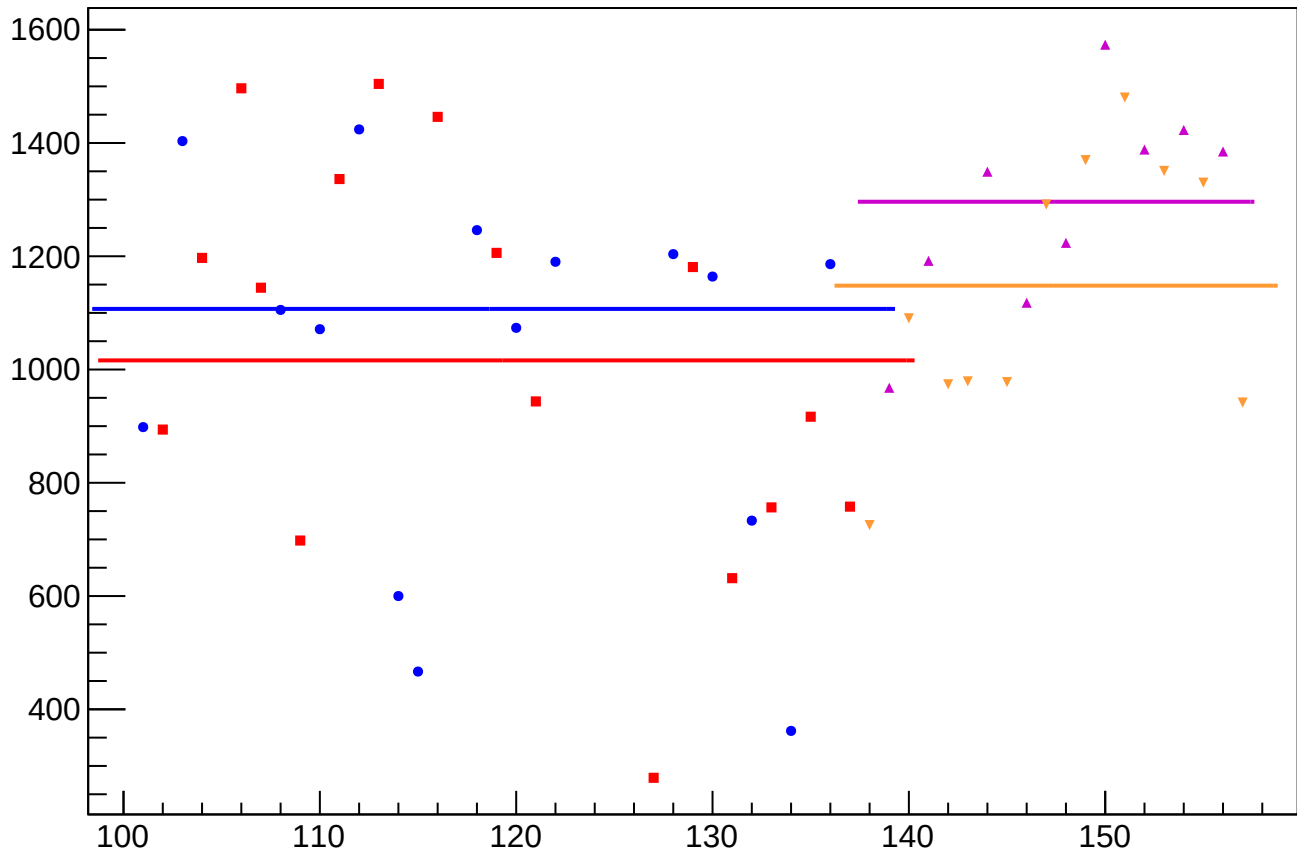
dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2052.166+/-0.000	χ^2/NDF : 443628683889029316903993092577848983552.0/10
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 2001.943+/-0.000	χ^2/NDF : 108316540609569307575327174989080166400.0/8

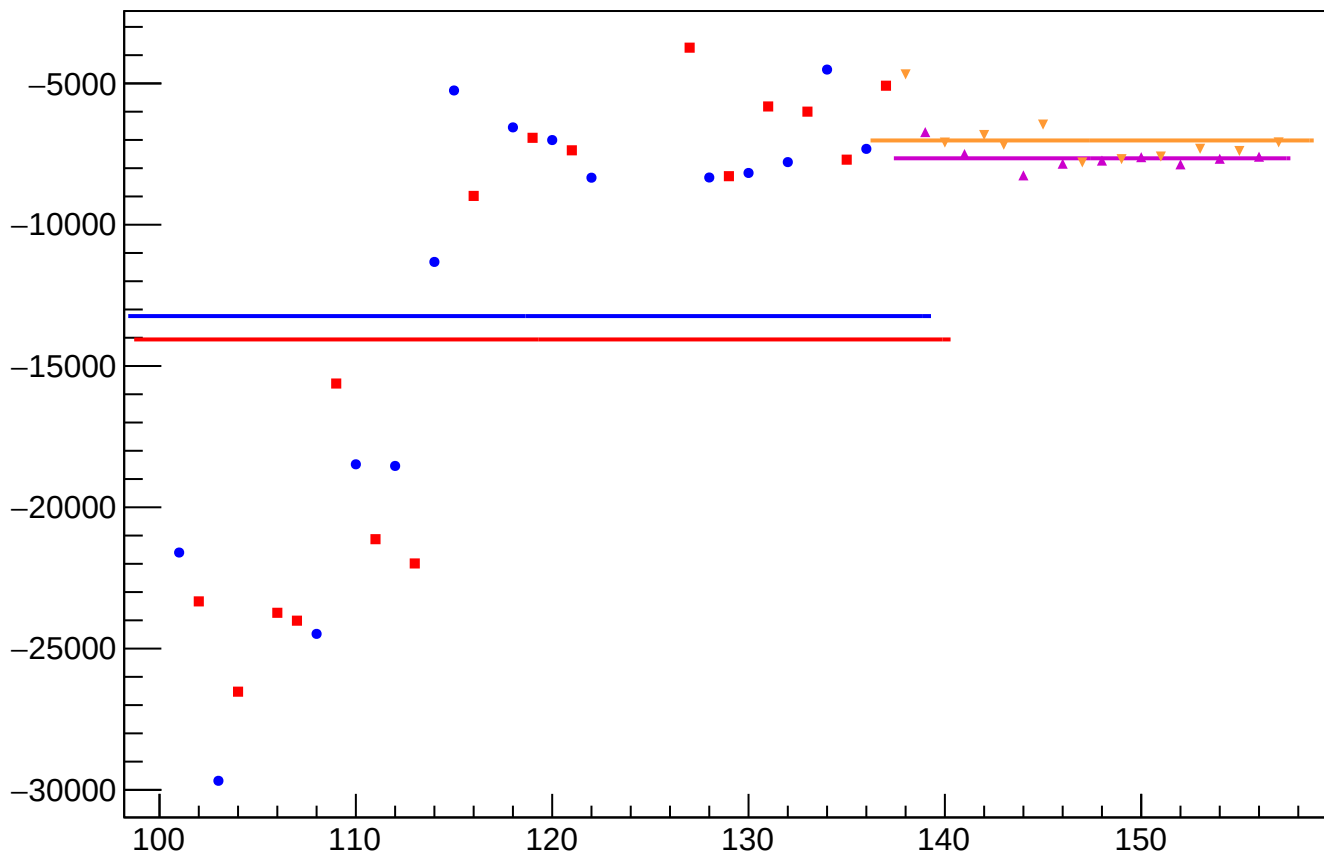
+ sign 1989.829+/-0.000 χ^2/NDF : 53871292010107
 All: 2103.533+/-0.000 χ^2/NDF : 37996176349
 - sign 2221.195+/-0.000 χ^2/NDF : 32218121909342

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: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

dit_sam1_coil4_mean vs Slug



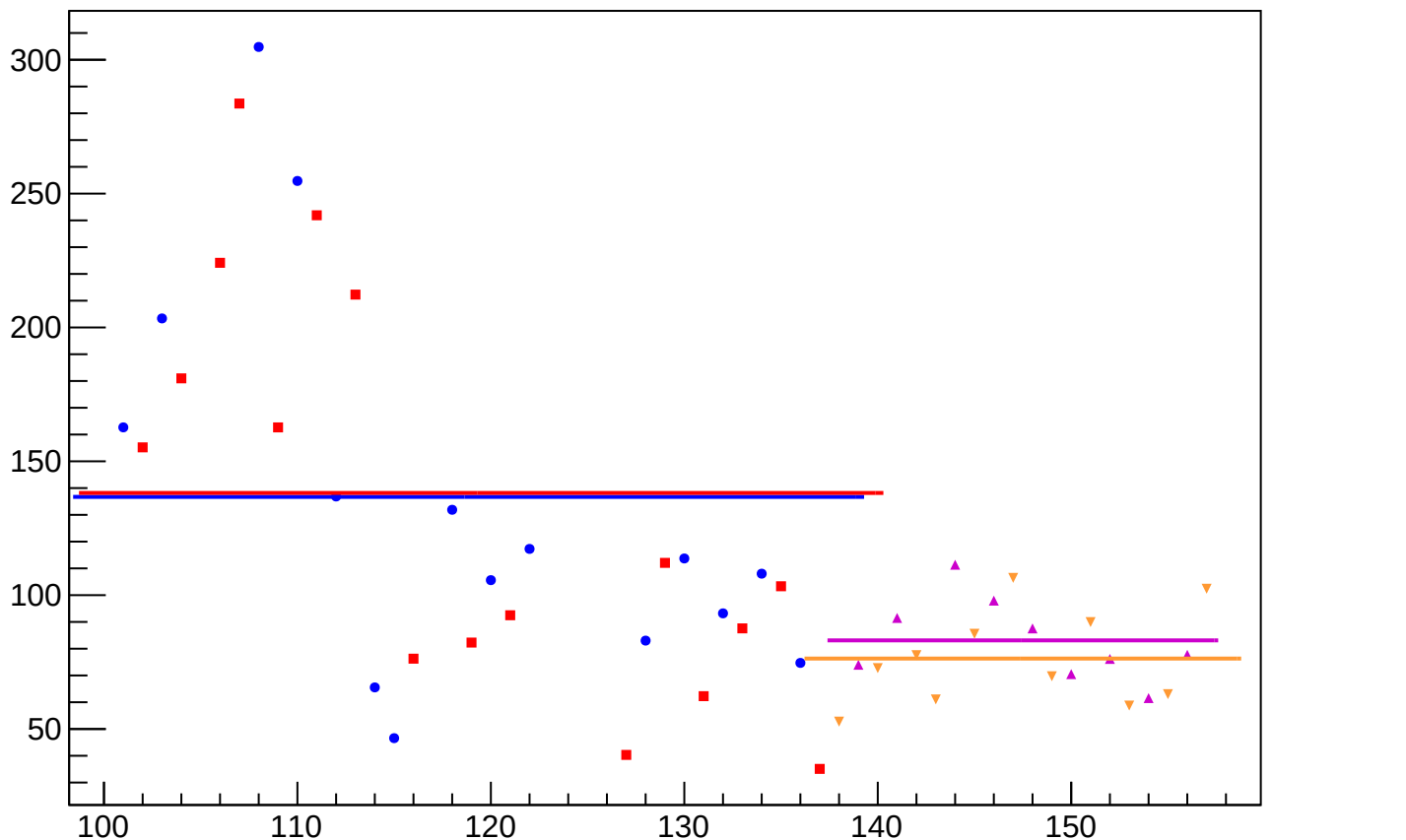
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

Left Out: -7018.232+/-0.000 χ^2/NDF : 583573452741263724534466022300956229632.0/10

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

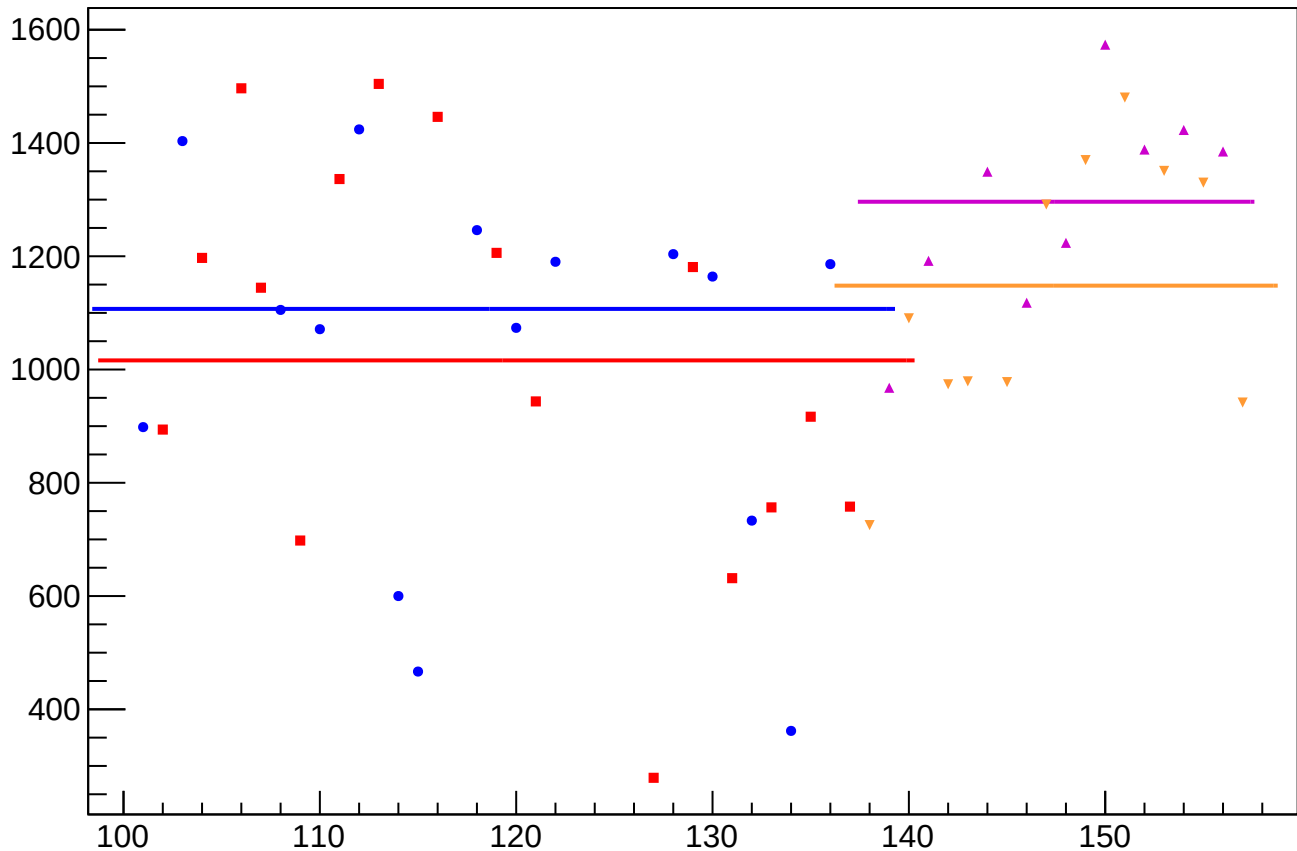
Left In: -7649.837+/-0.000 χ^2/NDF : 112103640128969923414808732021976727552.0/8

dit_sam1_coil4_err_mean vs Slug



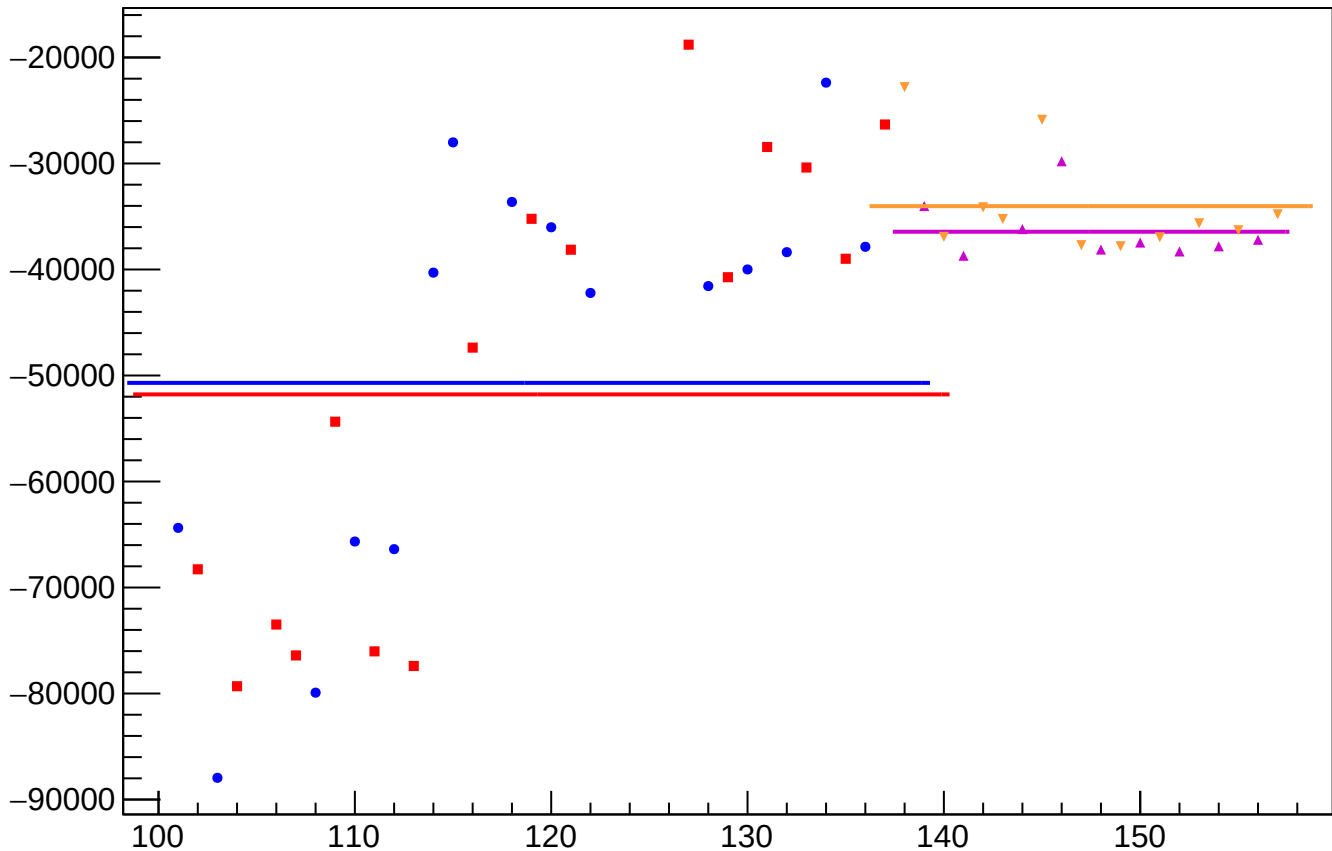
Right In: 136.711 $\pm$ 0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 76.317 $\pm$ 0.000 χ^2/NDF : 249880724499501667003206481861410816.0/10
 Right Out: 138.179 $\pm$ 0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Left In: 83.108 $\pm$ 0.000 χ^2/NDF : 166049868372376838070803224137302016.0/8

dit_sam1_coil4_Ndata_mean vs Slug



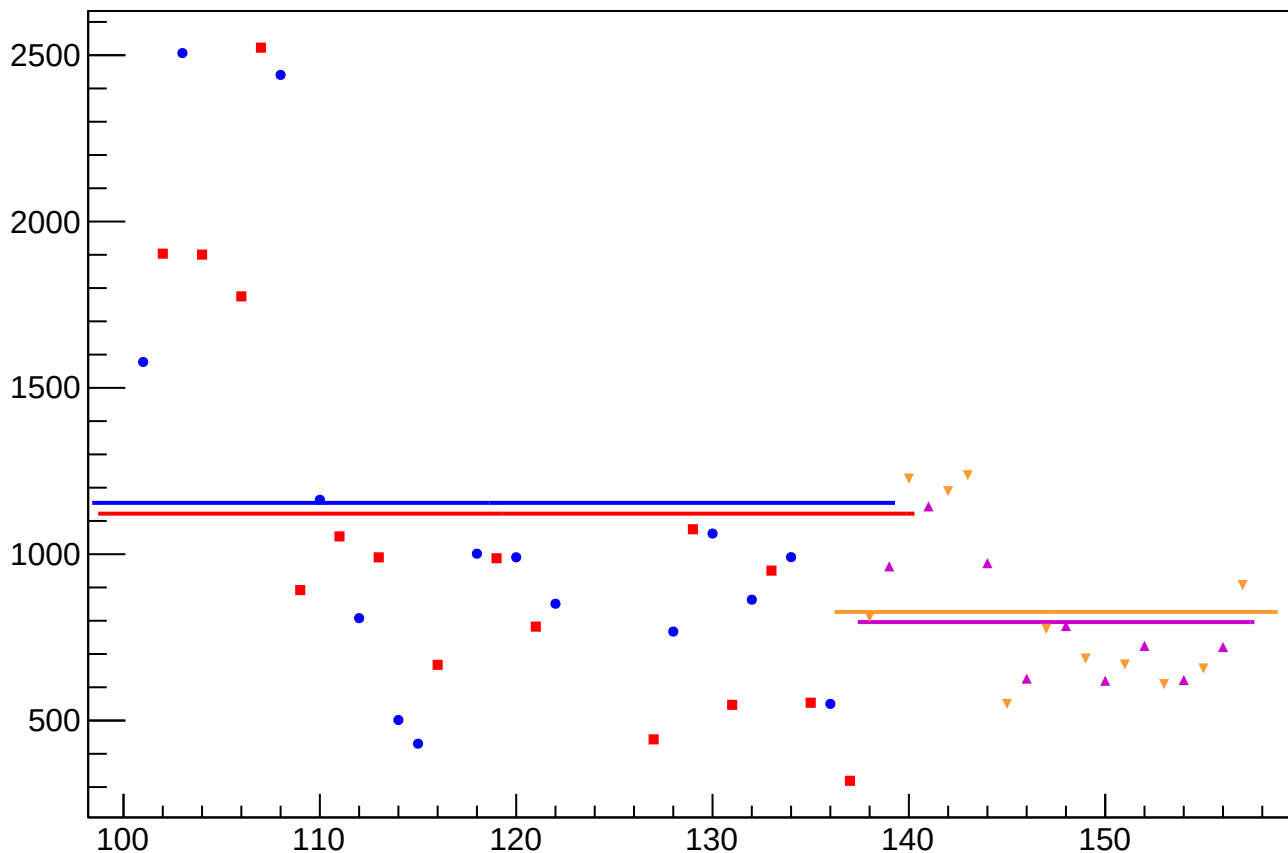
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8
 All: 1147.850 $\pm$ 0.000 χ^2 /NDF: 20919458362
 + sign 1130.179 $\pm$ 0.000 χ^2 /NDF: 84853376247429
 - sign 1166.136 $\pm$ 0.000 χ^2 /NDF: 12339699066439

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: -36438.744+/-0.000 χ^2/NDF : 5433547829371366090021659890815669895168.0/8
 All: -42417.102+/-0.000 χ^2/NDF : 722841425
 + sign -41306.534+/-0.000 χ^2/NDF : 347780170172
 - sign -43566.339+/-0.000 χ^2/NDF : 3713318885619

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

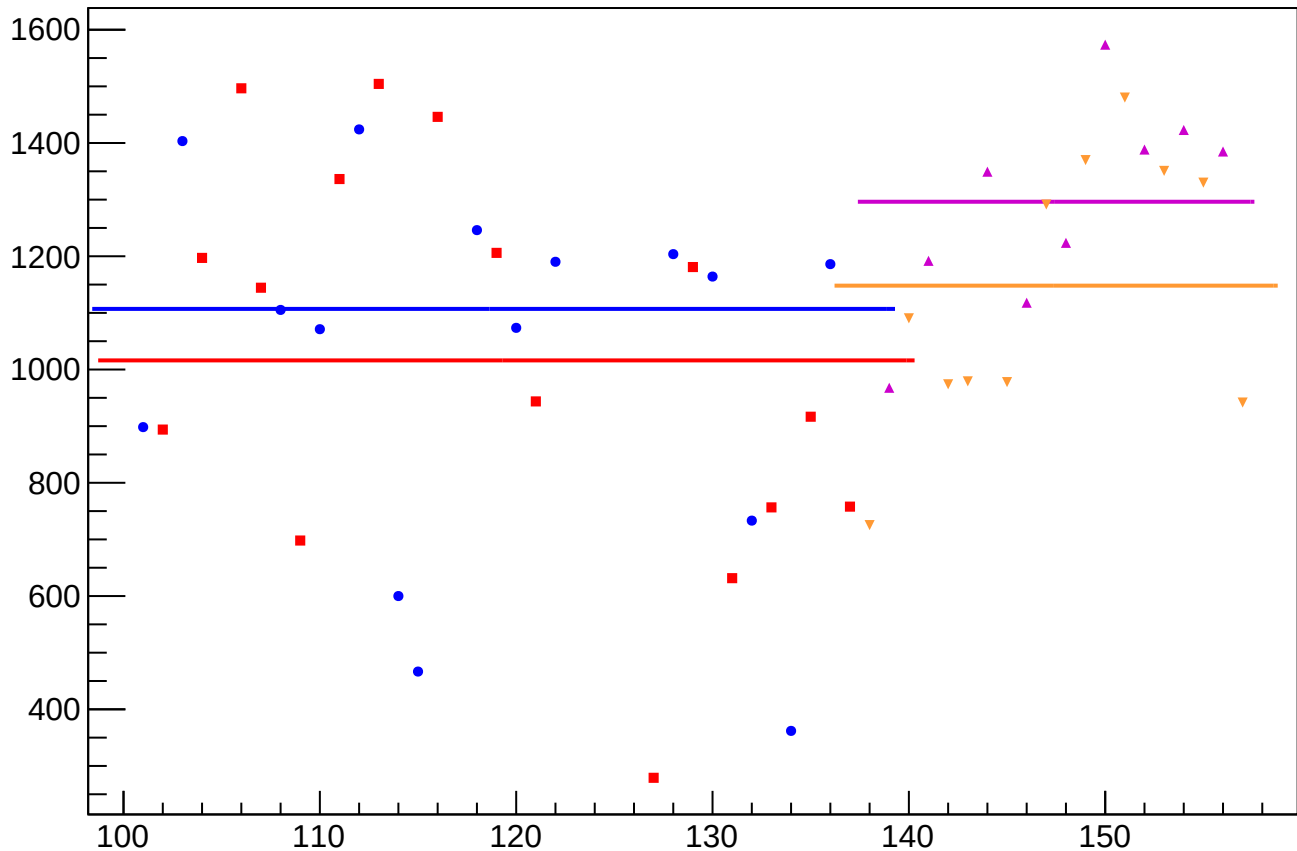
All: 958.709+/-0.000 χ^2/NDF : 624560236596

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

- sign 947.392+/-0.000 χ^2/NDF : 288284099242733

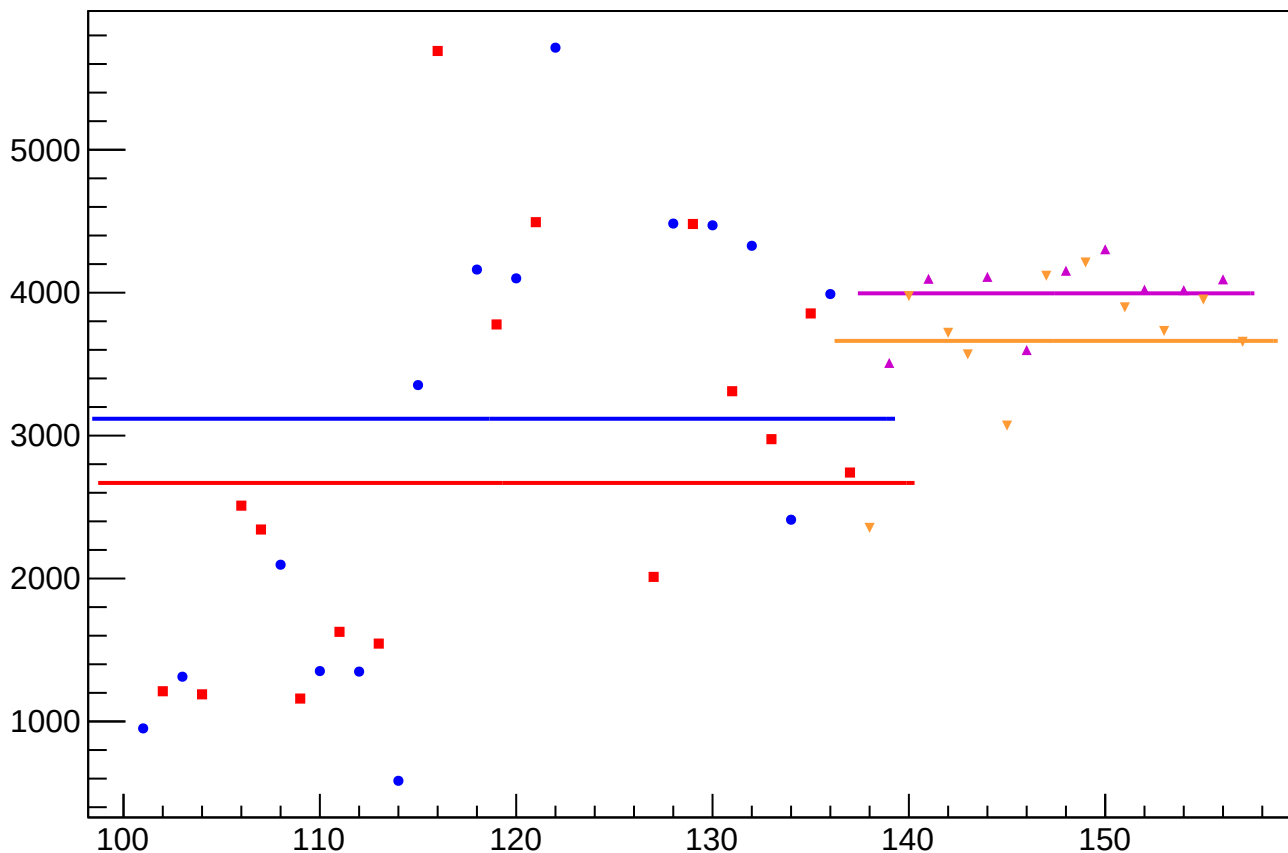
Left In: 796.000+/-0.000 χ^2/NDF : 24179593534157689813840831748912447488.0/8

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: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8
 All: 1147.850 $\pm$ 0.000 χ^2 /NDF: 20919458362
 + sign 1130.179 $\pm$ 0.000 χ^2 /NDF: 84853376247429
 - sign 1166.136 $\pm$ 0.000 χ^2 /NDF: 12339699066439

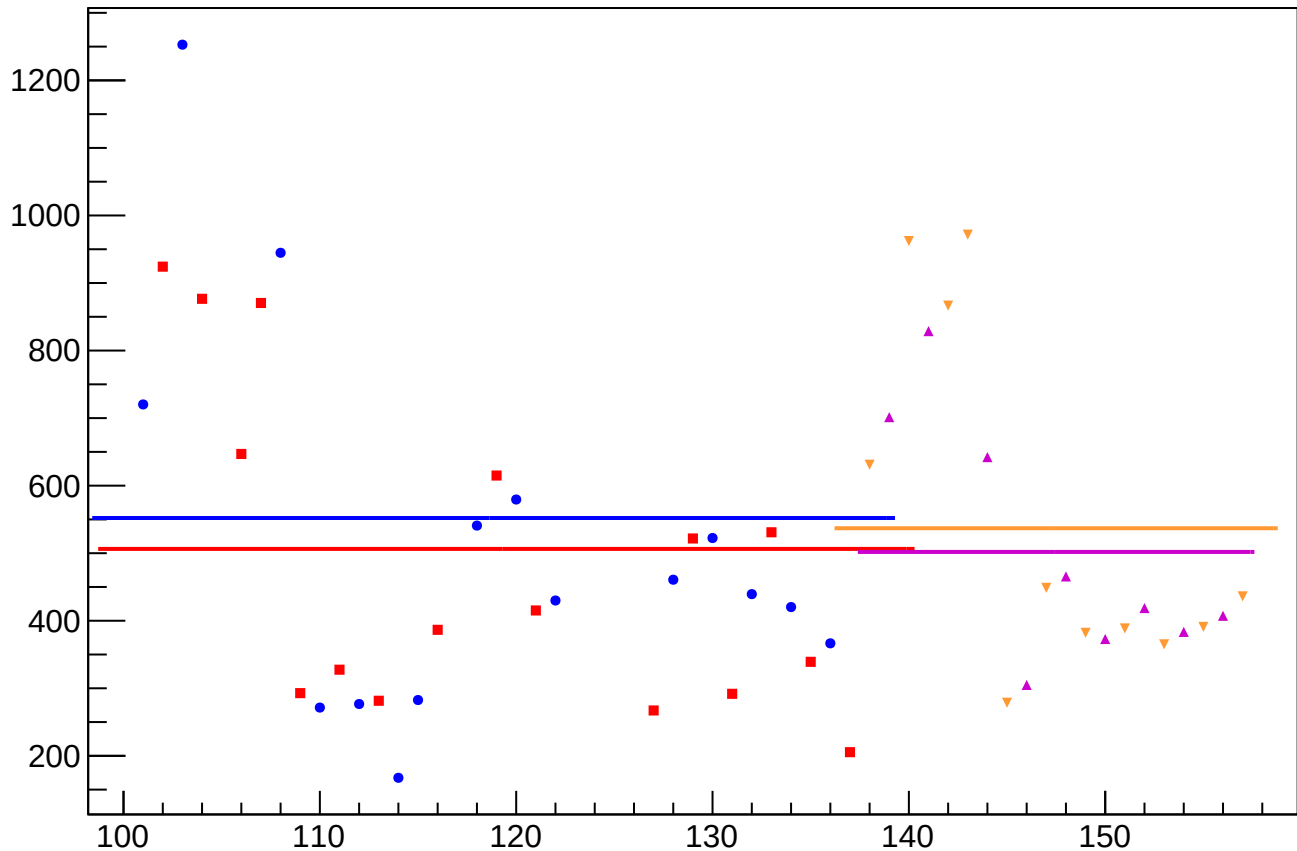
dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14
Left Out: 3662.761+/-0.000	χ^2/NDF : 223569287264370327313144562205157490688.0/10
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15
Left In: 3995.466+/-0.000	χ^2/NDF : 45945729268951916539988117286276825088.0/8

+ sign 3424.803+/-0.000 χ^2/NDF : 18848256956311
 All: 3402.415+/-0.000 χ^2/NDF : 36973658909
 - sign 3379.247+/-0.000 χ^2/NDF : 18110246315678

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 536.935+/-0.000 χ^2/NDF : 47910409962289089684828455982050836480.0/10

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

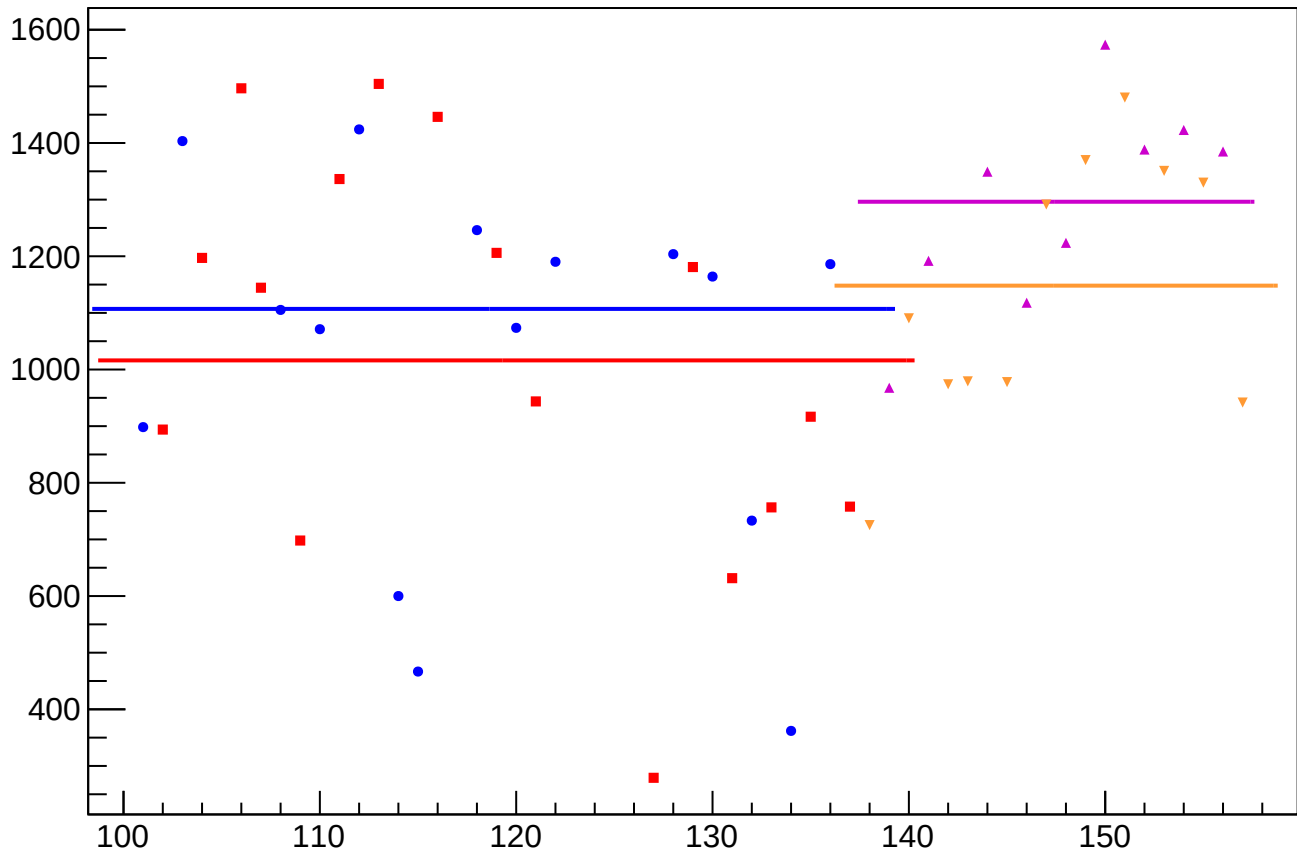
Left In: 501.868+/-0.000 χ^2/NDF : 21464047747651007700404934627966320640.0/8

+ sign 543.562+/-0.000 χ^2/NDF : 987336065029029

All: 524.094+/-0.000 χ^2/NDF : 158532492260

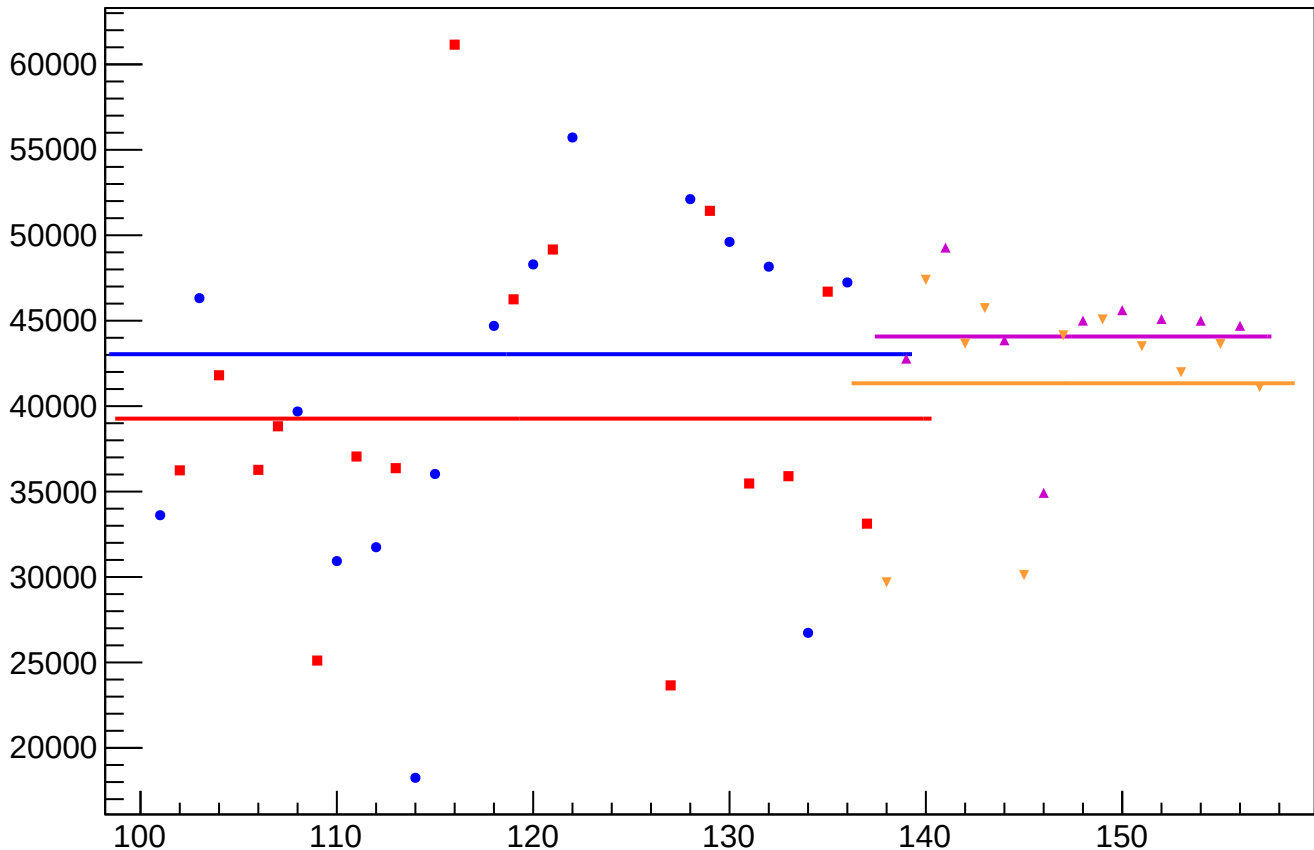
- sign 503.948+/-0.000 χ^2/NDF : 586528599299834

dit_sam3_coil4_Ndata_mean vs Slug



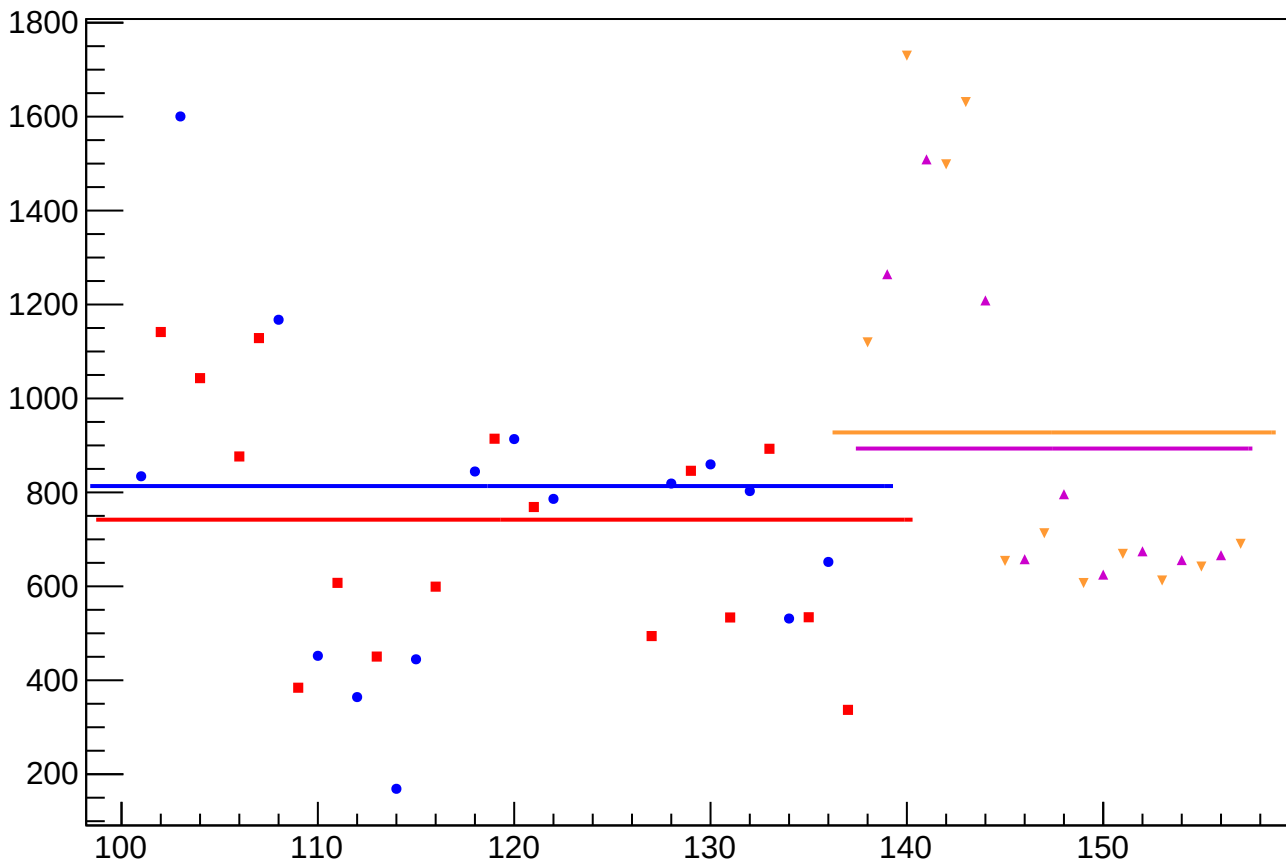
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

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: 44074.750+/-0.000 χ^2/NDF : 987623440065243614833293958185958244352.0/8

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

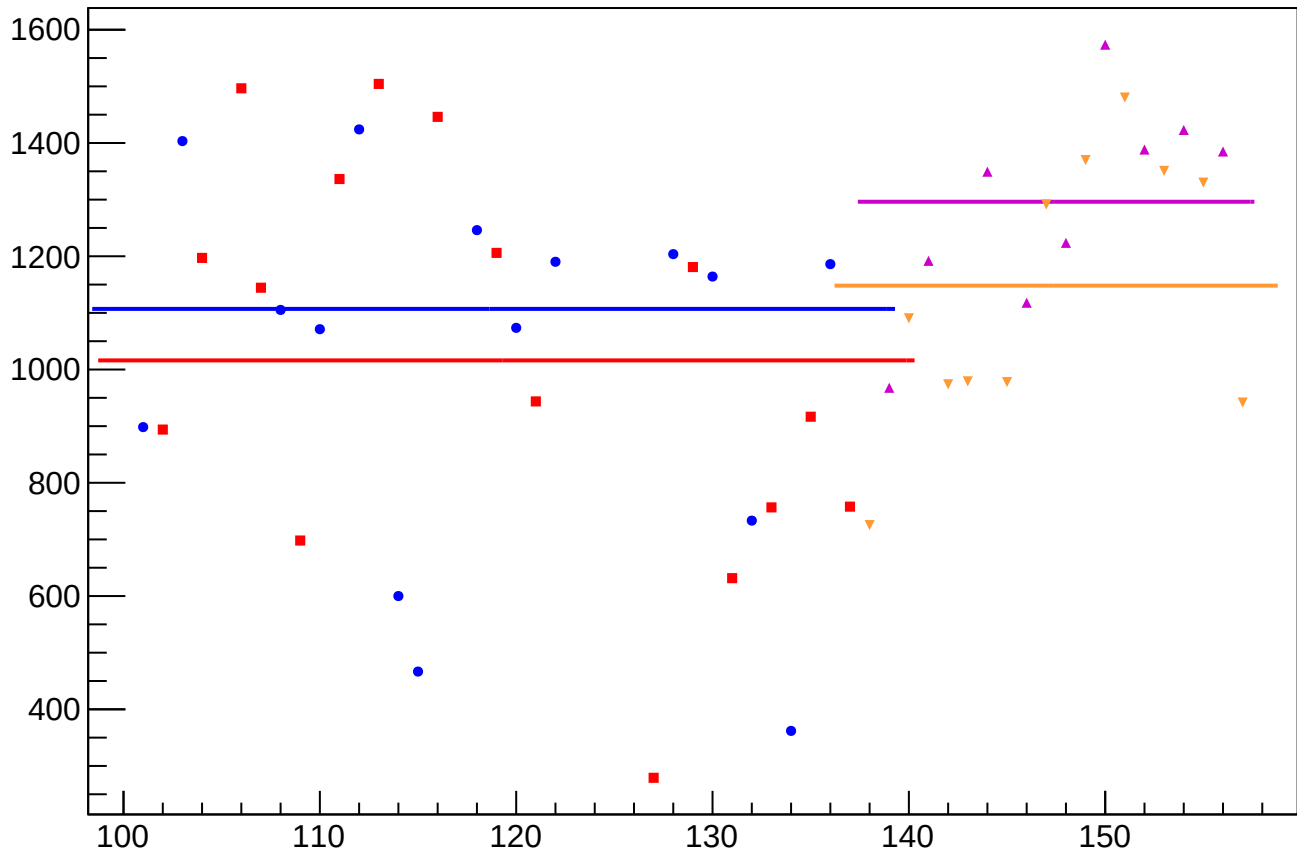
Left In: 893.365+/-0.000 χ^2/NDF : 77493463076608171256932242914835169280.0/8

+ sign 877.798+/-0.000 χ^2/NDF : 218494226531123

All: 850.876+/-0.000 χ^2/NDF : 350446702045

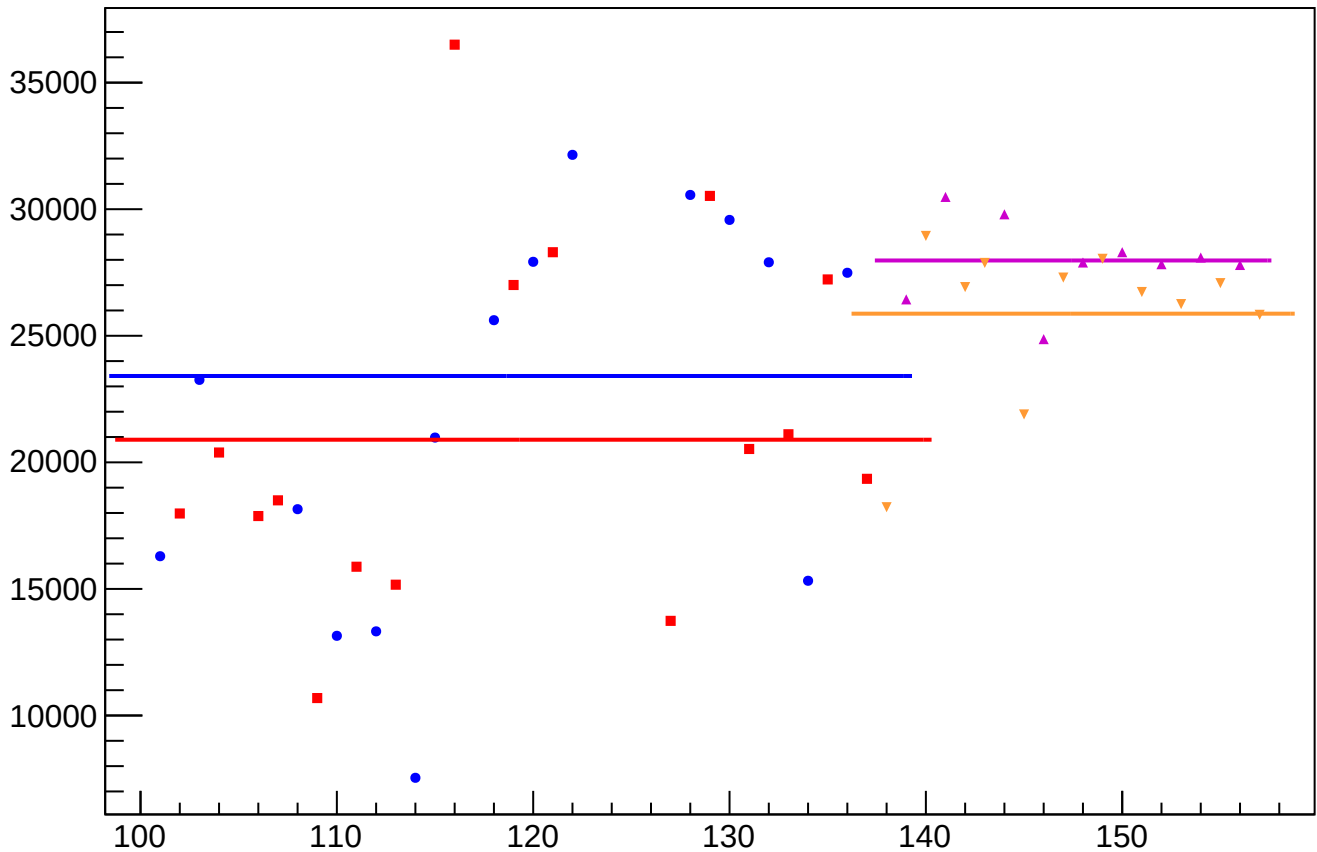
- sign 823.017+/-0.000 χ^2/NDF : 129760911060727

dit_sam4_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: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

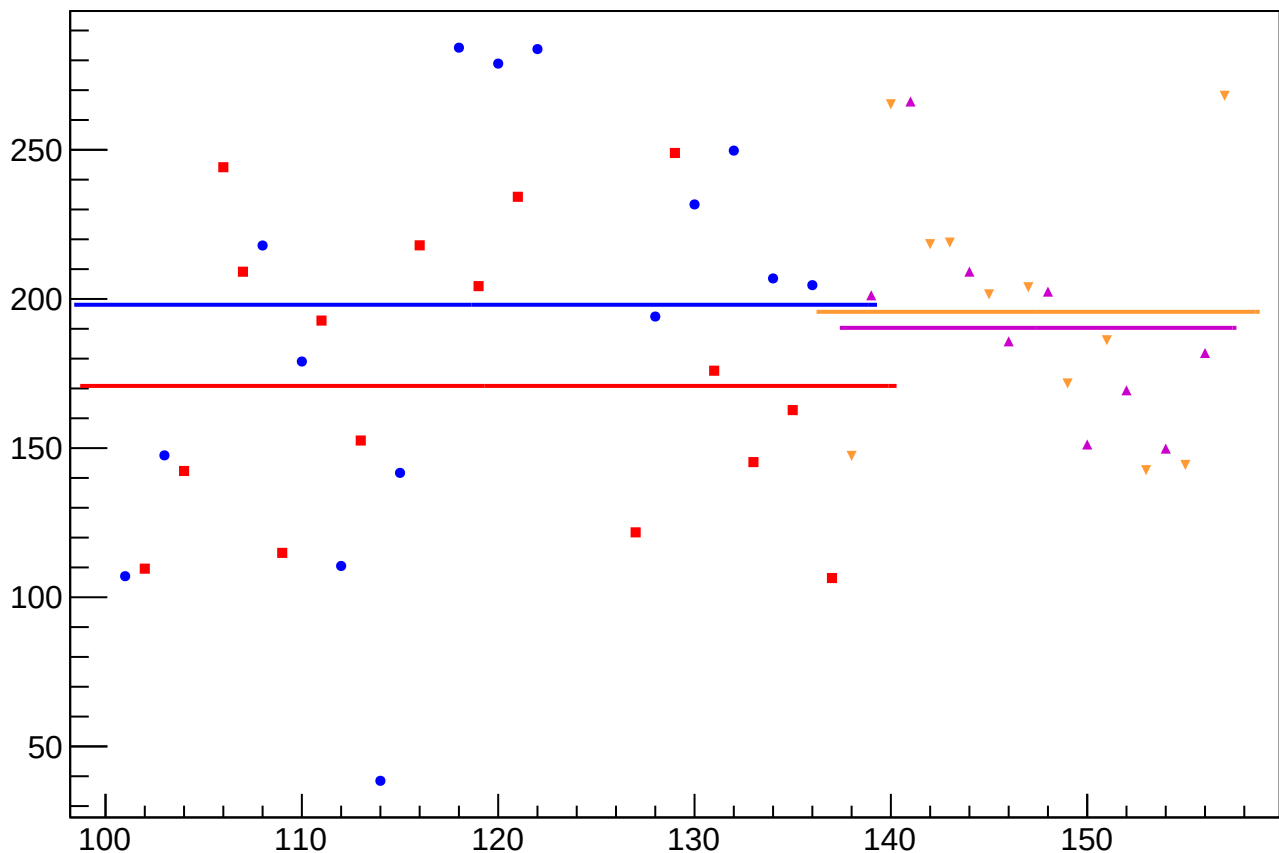
dit_sam5_coil4_mean vs Slug



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: 27974.543+/-0.000	χ^2/NDF : 1840189125533361735251398942497118879744.0/8

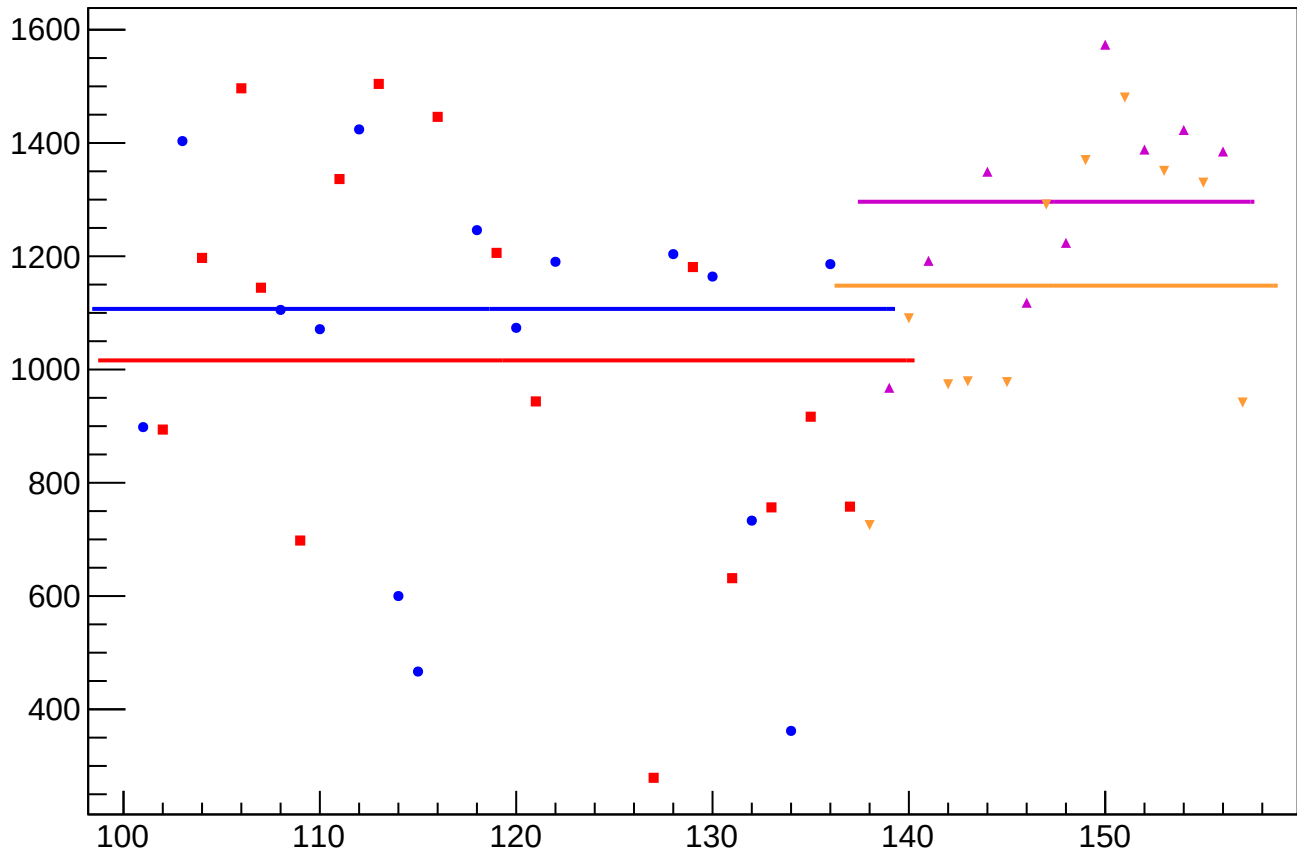
+ sign 24798.048+/-0.000 χ^2/NDF : 3831777981101
 All: 24742.882+/-0.000 χ^2/NDF : 8548285051
 - sign 24685.796+/-0.000 χ^2/NDF : 4715586867761

dit_sam5_coil4_err_mean vs Slug



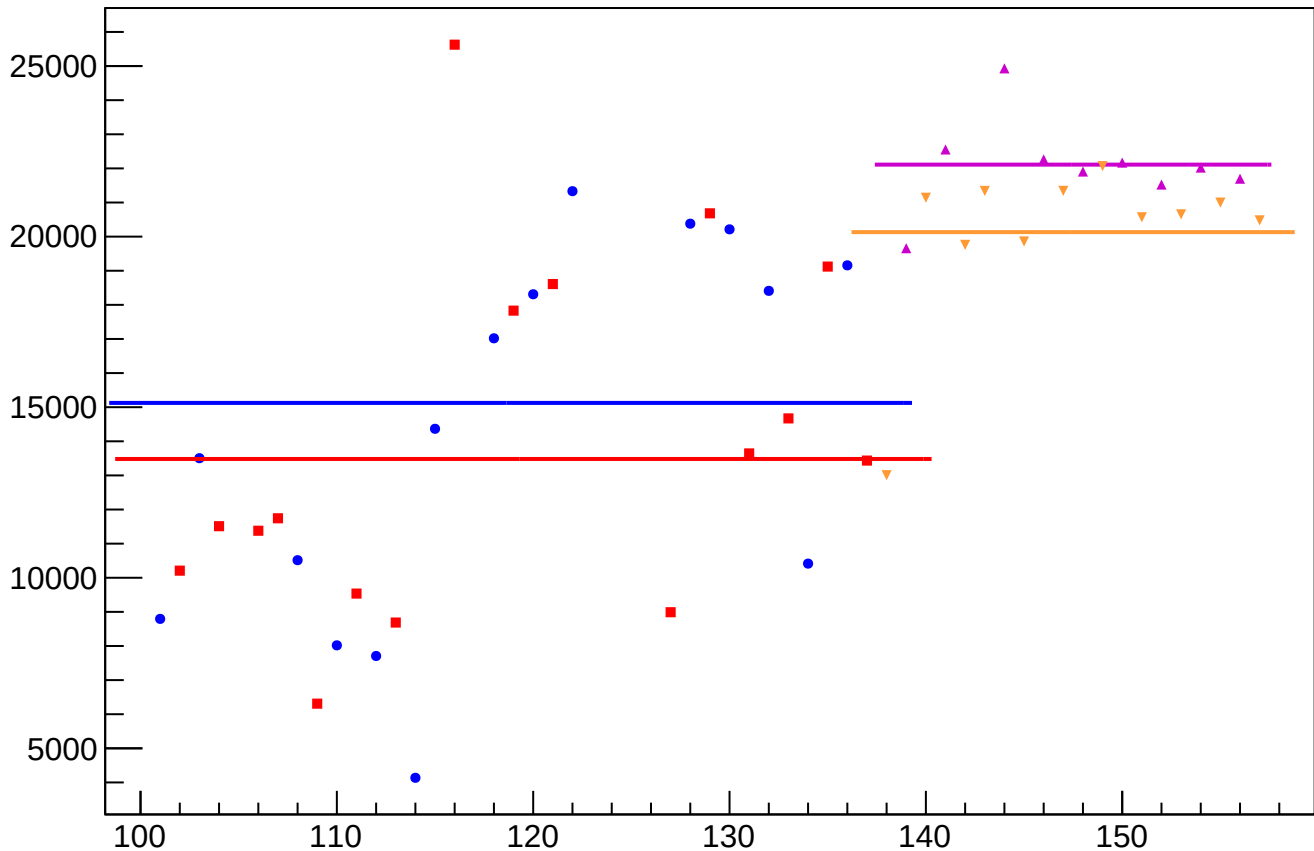
Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 195.693+/-0.000 χ^2/NDF : 1566885437638741284909253004932153344.0/10
 Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 190.319+/-0.000 χ^2/NDF : 873582376020534335335443941218582528.0/8

dit_sam5_coil4_Ndata_mean vs Slug



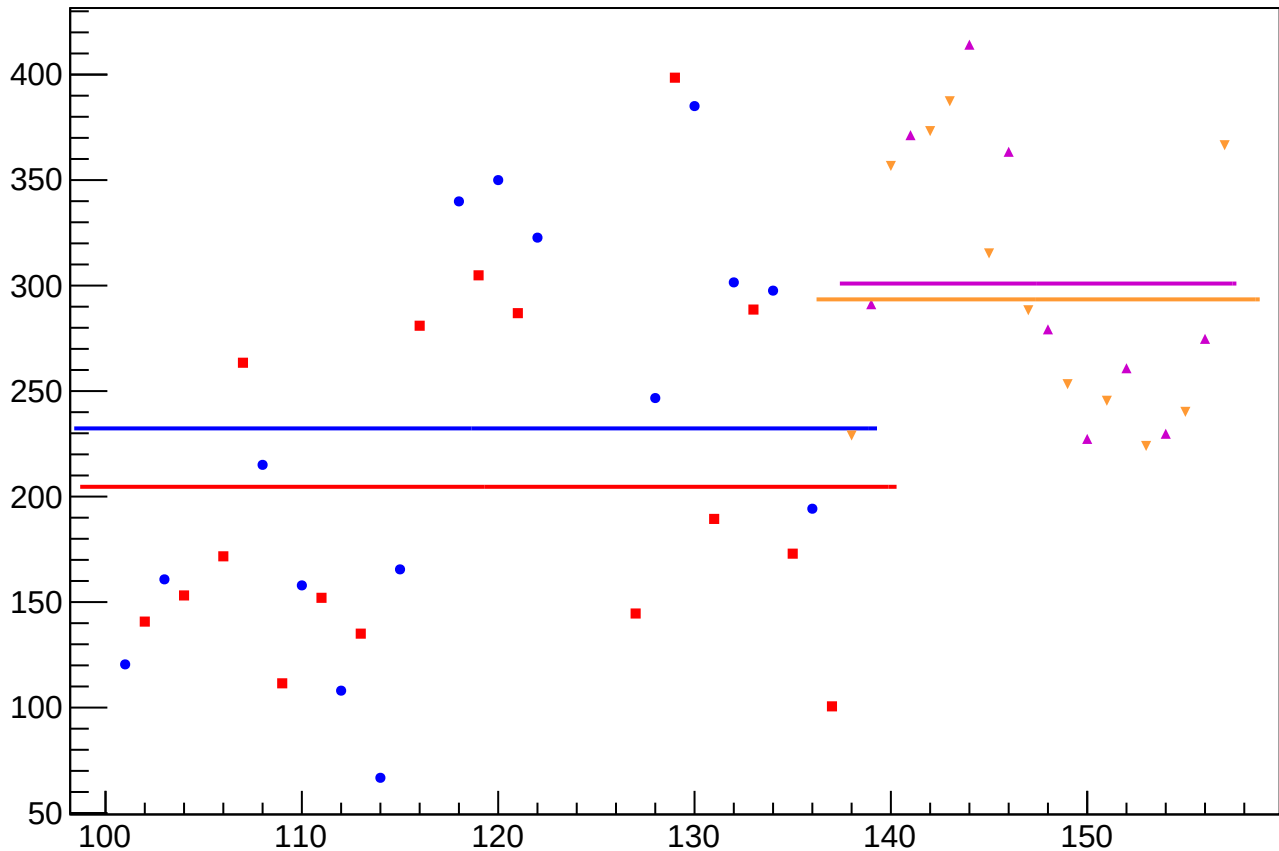
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 +/- 0.000 χ^2/NDF : 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1296.267 +/- 0.000 χ^2/NDF : 22793690876362249320536230511696150528.0/8

dit_sam6_coil4_mean vs Slug



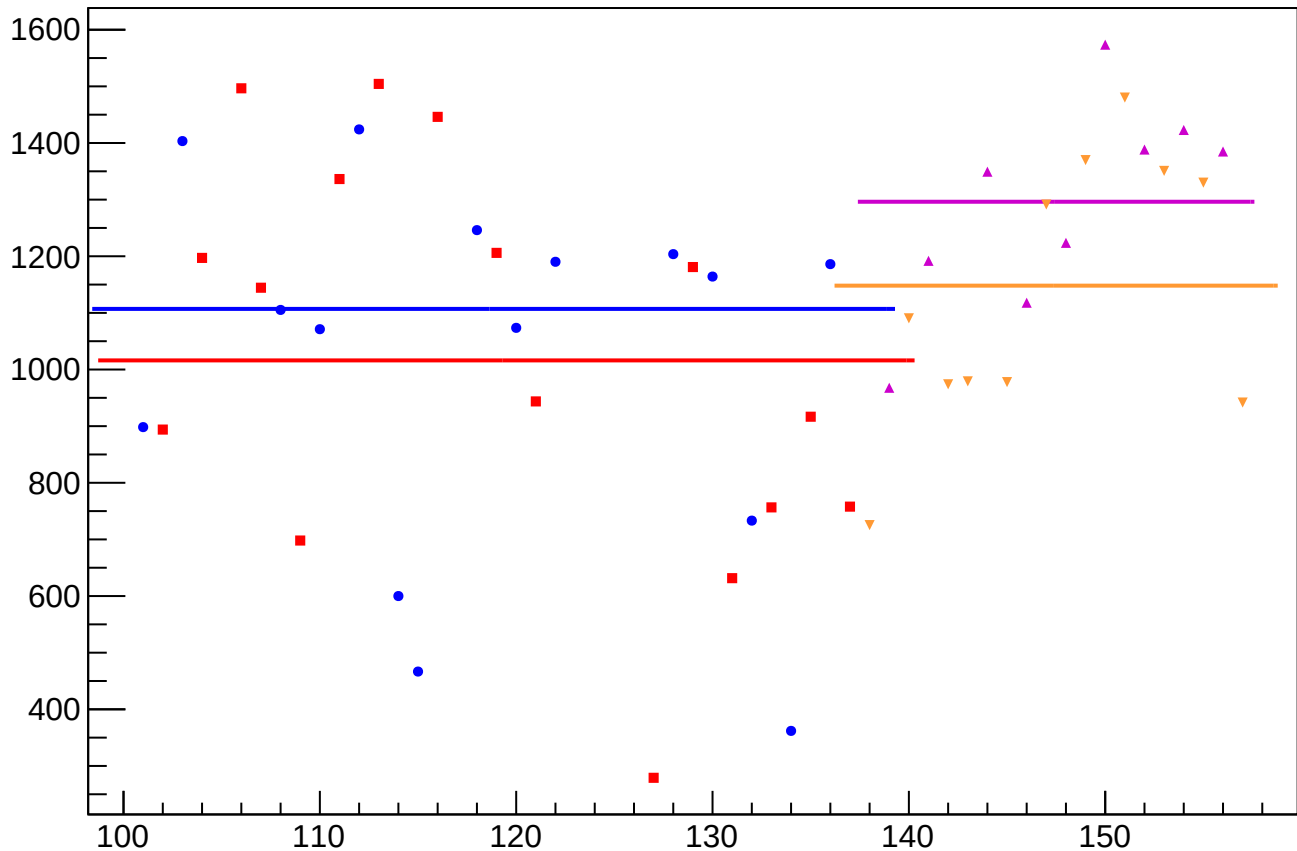
Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20131.629+/-0.000	+ sign 17945.383+/-0.000 χ^2/NDF : 3046451994348
Right Out: 13482.244+/-0.000	χ^2/NDF : 4689038014561601220681597725691659419648.0/10
Left In: 22110.602+/-0.000	All: 18022.775+/-0.000 χ^2/NDF : 7424655190
	- sign 18102.862+/-0.000 χ^2/NDF : 4376392122138

dit_sam6_coil4_err_mean vs Slug



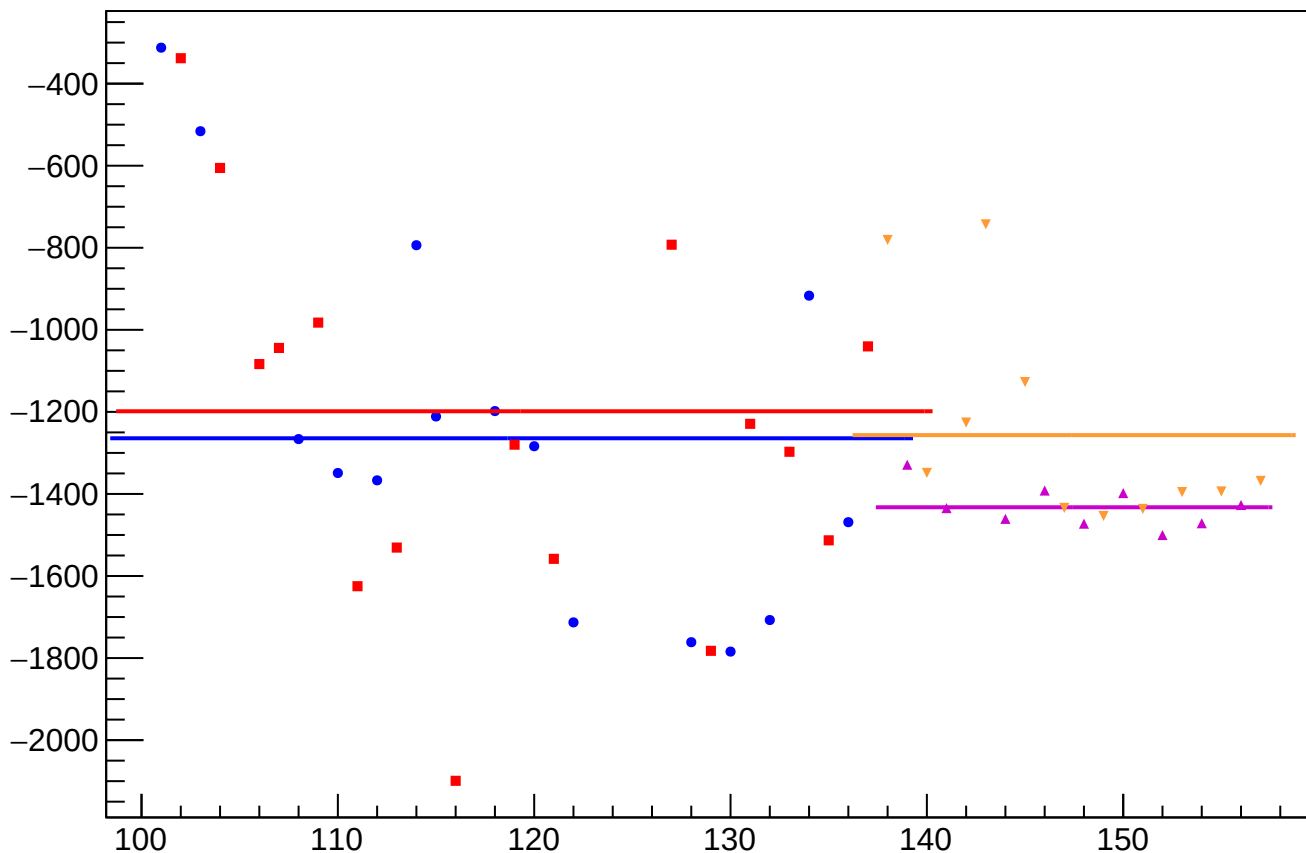
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 293.460+/-0.000 χ^2/NDF : 2948834676482267745736379514860077056.0/10
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 300.962+/-0.000 χ^2/NDF : 3071343512032849890424337678733410304.0/8

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: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

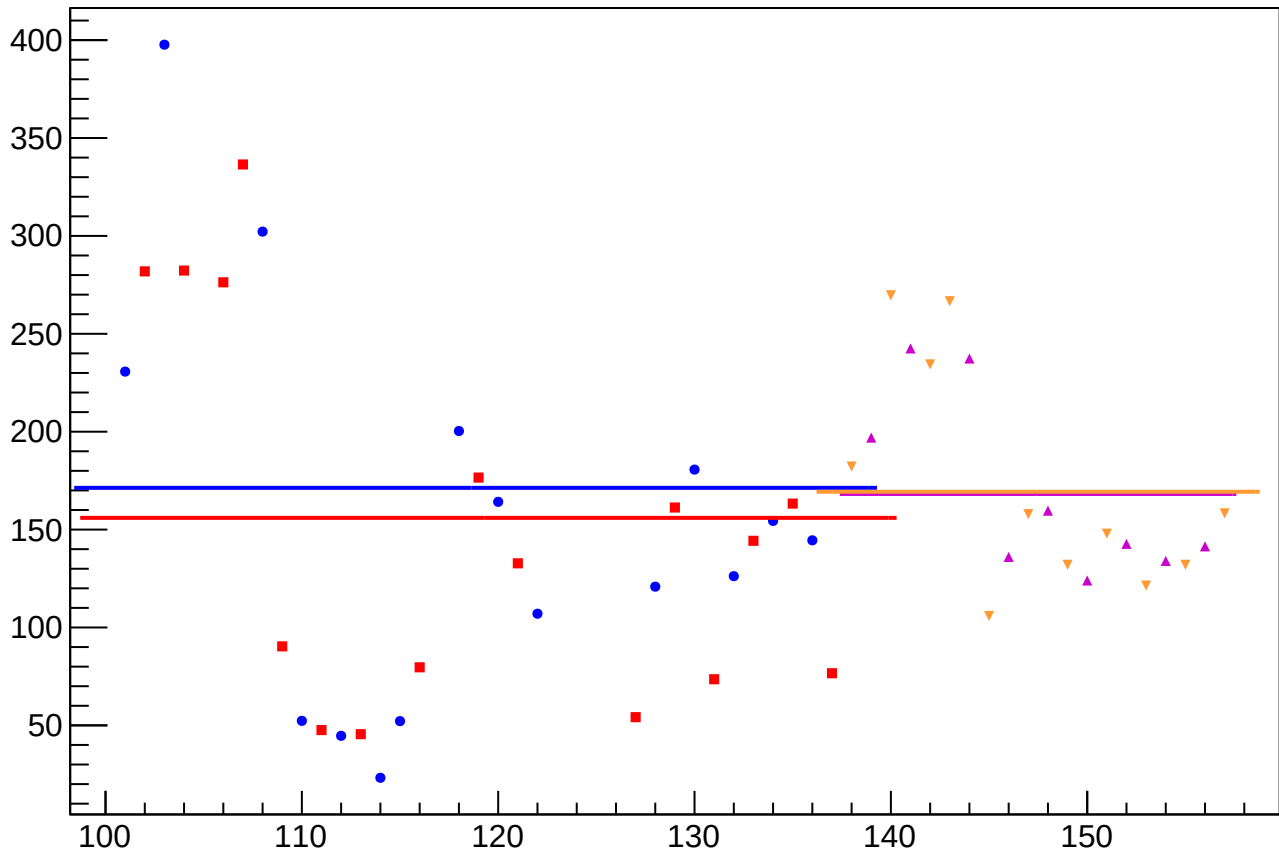
dit_sam7_coil4_mean vs Slug



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: -1432.494+/-0.000	χ^2/NDF : 1859407964381323143728304345841664000.0/8

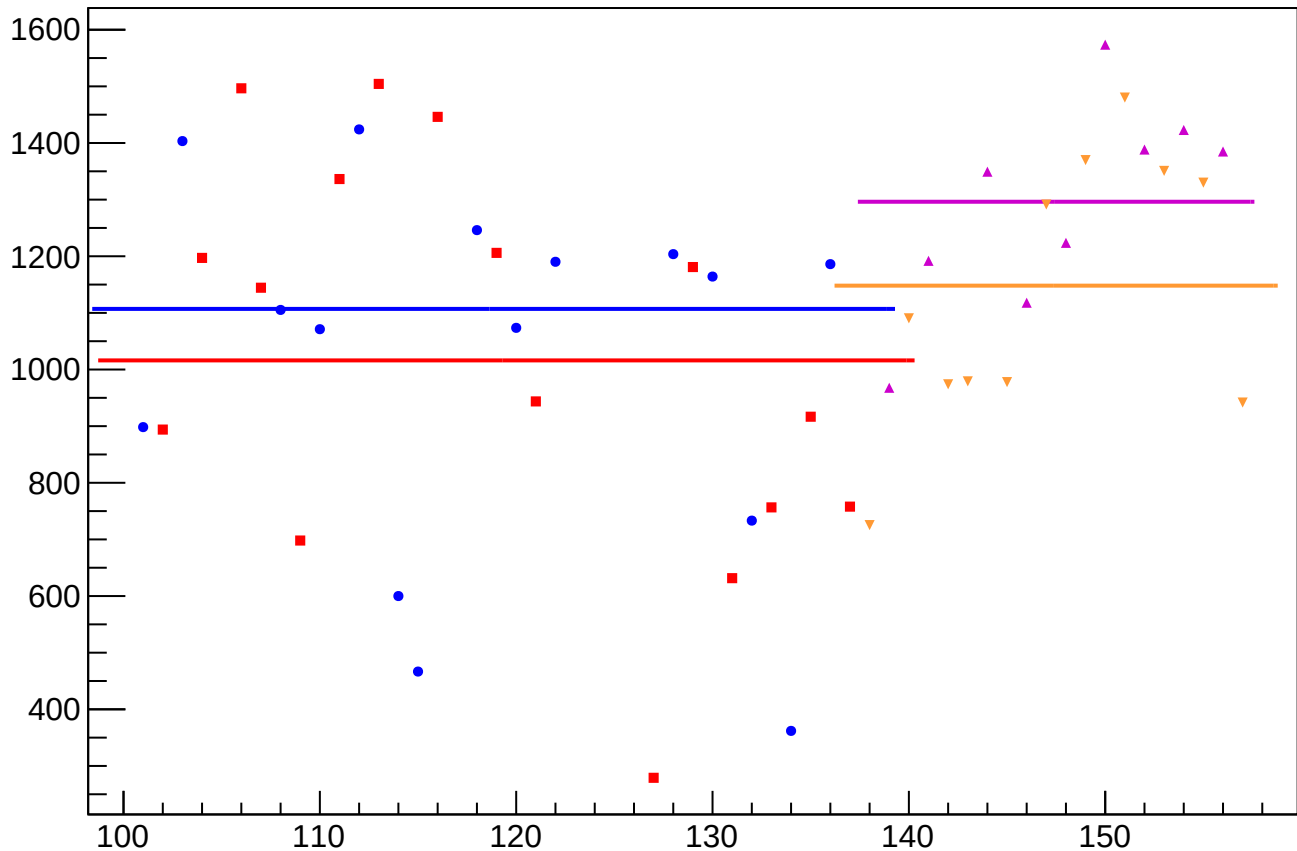
+ sign -1259.968+/-0.000 χ^2/NDF : 1899924179412
 All: -1291.338+/-0.000 χ^2/NDF : 3455521512
 - sign -1323.800+/-0.000 χ^2/NDF : 15258421635048

dit_sam7_coil4_err_mean vs Slug



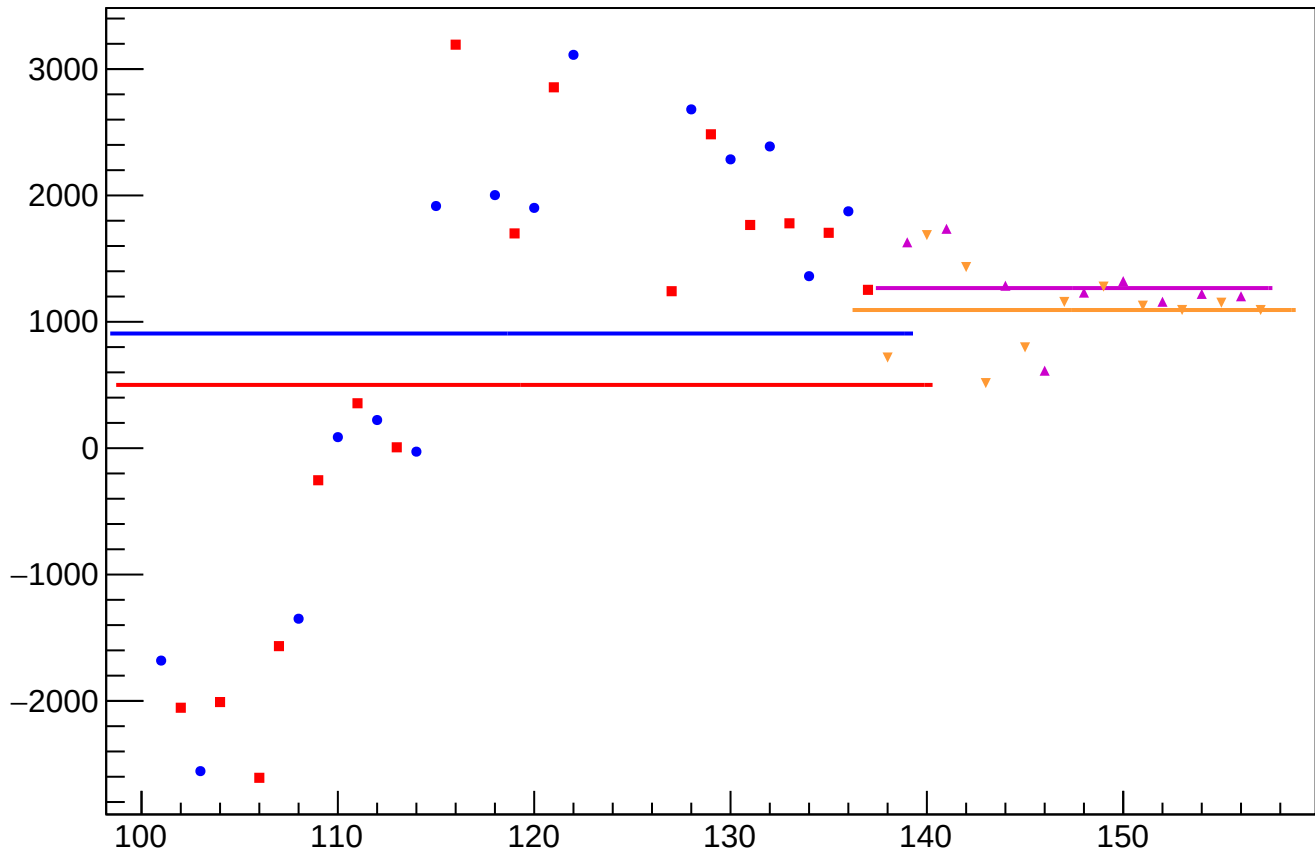
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 169.323+/-0.000 χ^2/NDF : 2472740653390791554905946749598171136.0/10
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 168.199+/-0.000 χ^2/NDF : 1450127450626765109307290660204707840.0/8

dit_sam7_coil4_Ndata_mean vs Slug



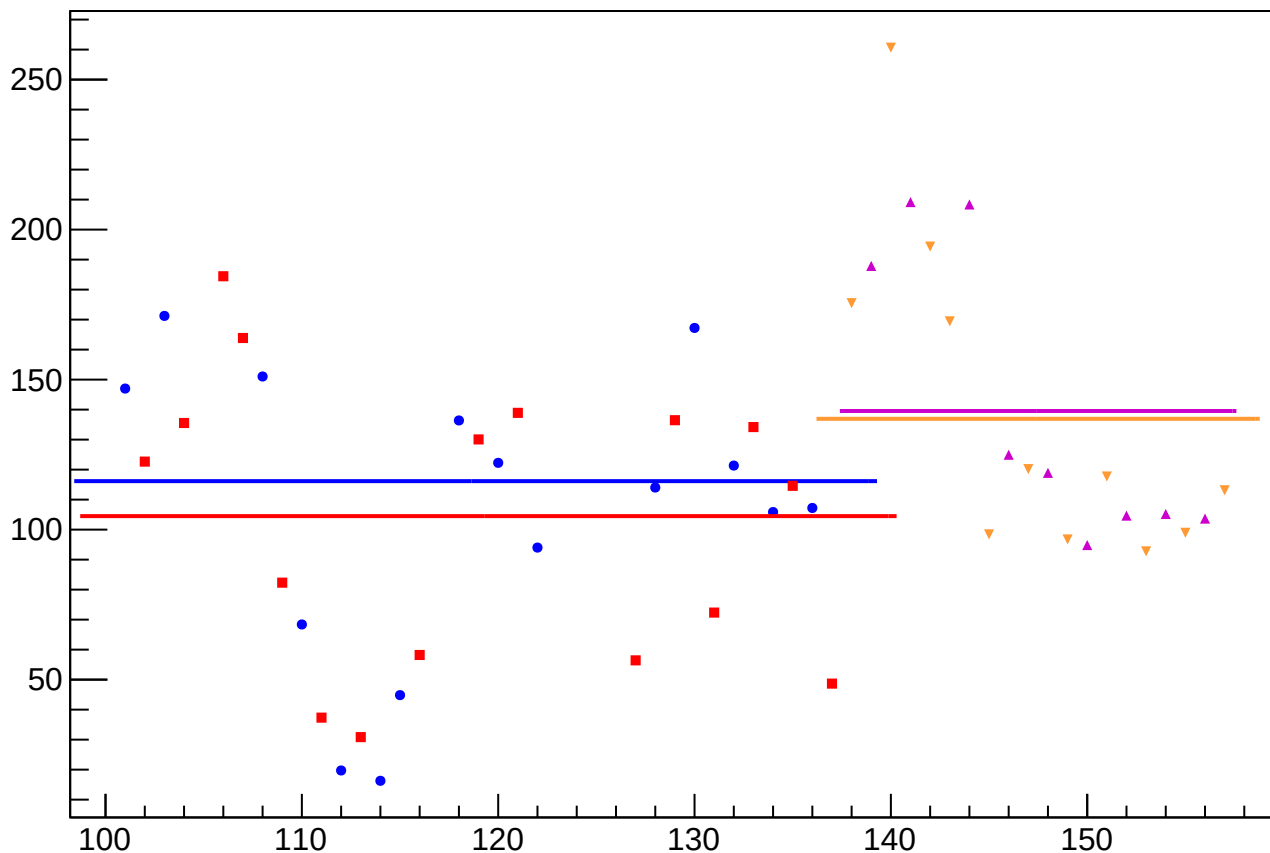
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1148.111 $\pm$ 0.000 χ^2 /NDF: 43603286960158348293314223268767465472.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

dit_sam8_coil4_mean vs Slug



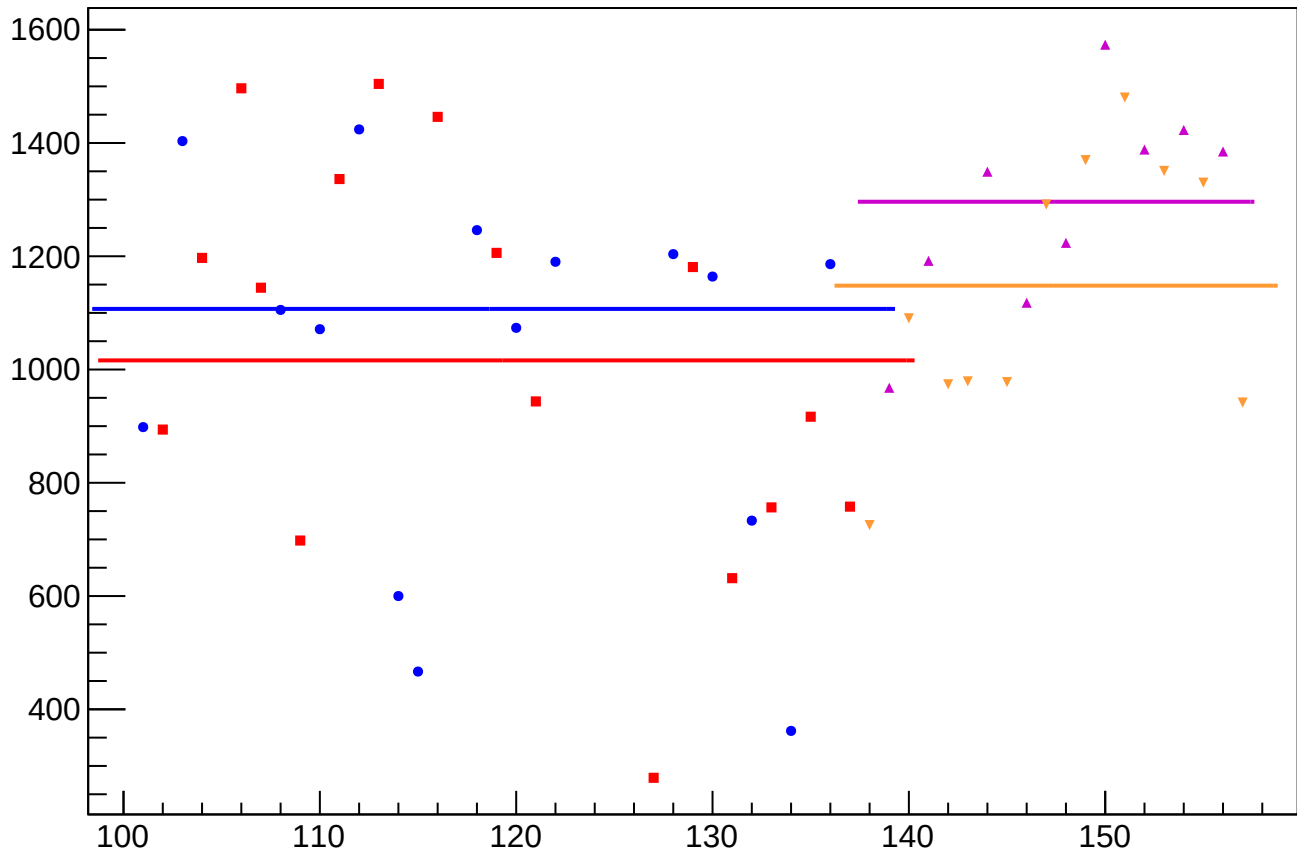
Right In: 907.442 $\pm$ 0.000 χ^2 /NDF: 2107238007691848638499662178406566461440.0/14
 Left Out: 1093.414 $\pm$ 0.000 χ^2 /NDF: 78195057845273962261210294994962743296.0/10
 Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15
 Left In: 1267.022 $\pm$ 0.000 χ^2 /NDF: 66774247318392102953110823593863806976.0/8

dit_sam8_coil4_err_mean vs Slug



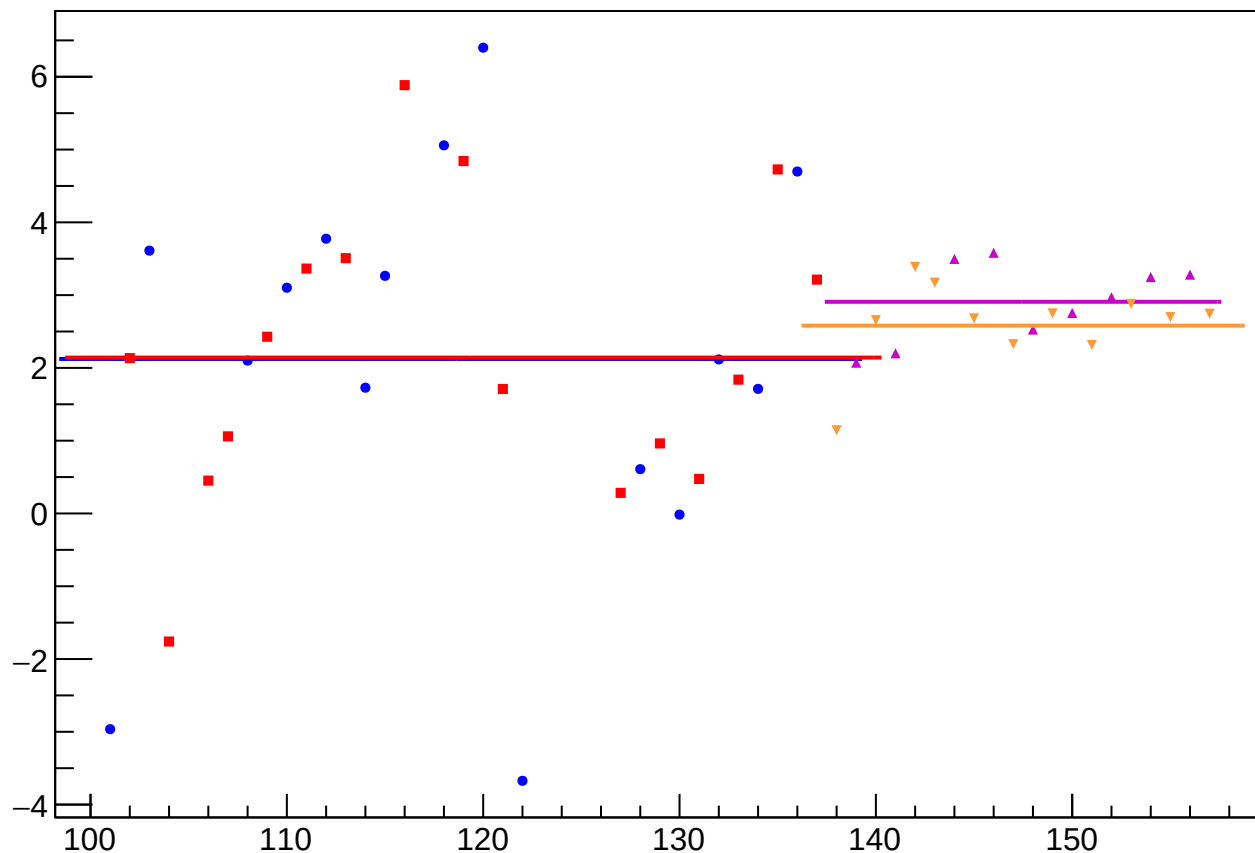
Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 136.937+/-0.000 χ^2/NDF : 2225688486734173237730076324425367552.0/10
 Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 139.537+/-0.000 χ^2/NDF : 1571875597561037673032813061253103616.0/8

dit_sam8_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: 1296.267 $\pm$ 0.000 χ^2 /NDF: 22793690876362249320536230511696150528.0/8

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

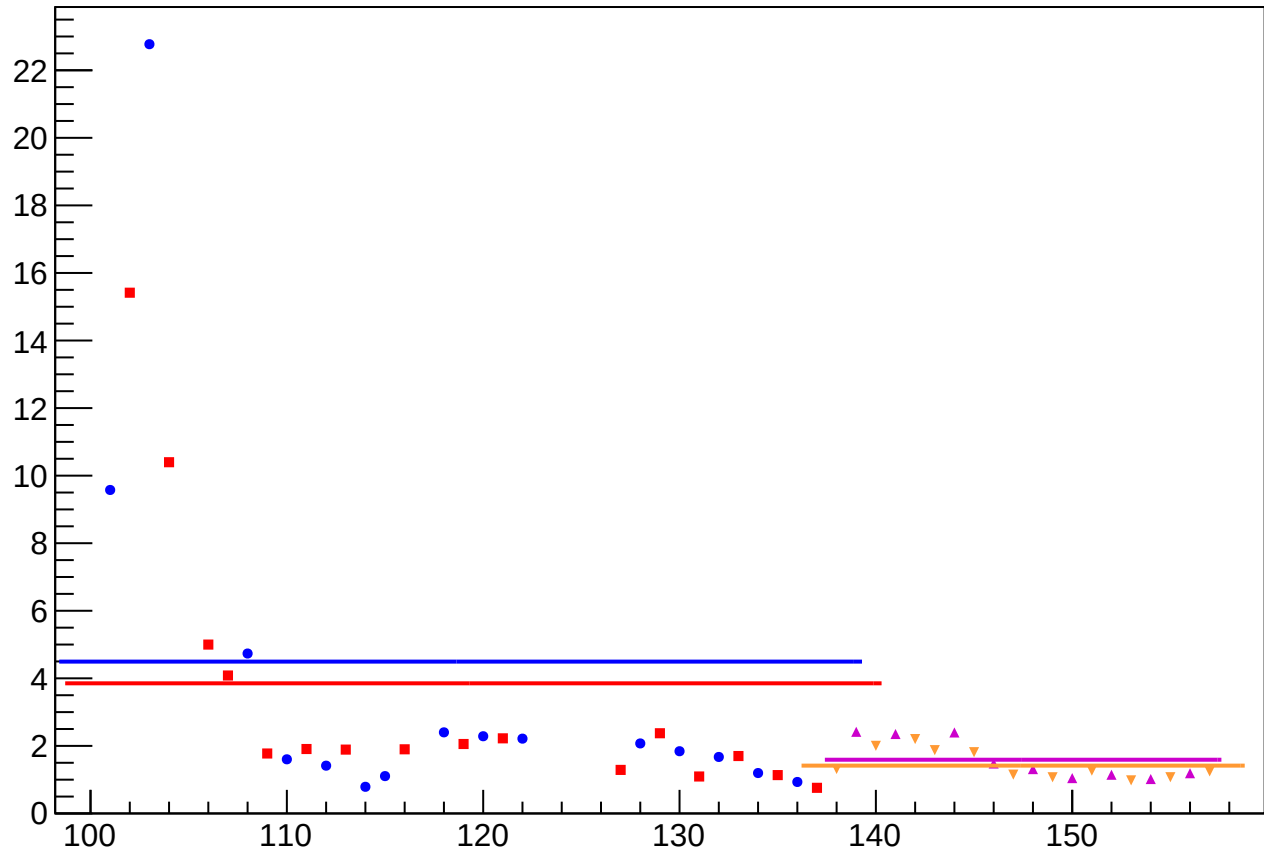
Left In: 2.908+/-0.000 χ^2/NDF : 203839371802914441739737900253184.0/8

+ sign 2.381+/-0.000 χ^2/NDF : 55799485361639892.0/10

All: 2.465+/-0.000 χ^2/NDF : 84880823806208.0/15

- sign 2.552+/-0.000 χ^2/NDF : 28867130752220264.0/10

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

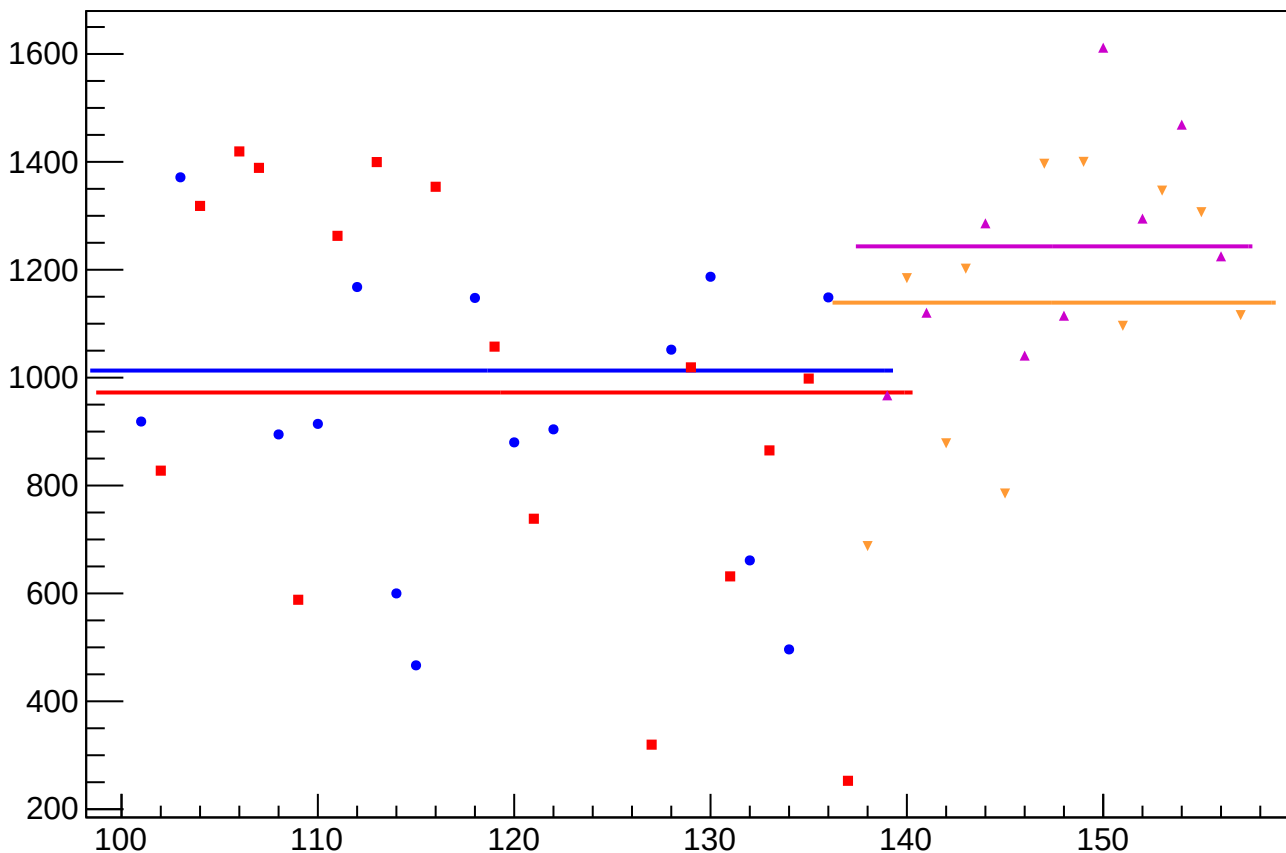
Left In: 1.590 $\pm$ 0.000 χ^2 /NDF: 256100841804152463458671941124096.0/8

+ sign 2.761 $\pm$ 0.000 χ^2 /NDF: 28865416541509997

All: 2.702 $\pm$ 0.000 χ^2 /NDF: 43274452522880

- sign 2.641 $\pm$ 0.000 χ^2 /NDF: 14398569639896714

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000

Left Out: 1139.048 $\pm$ 0.000

Right Out: 972.465 $\pm$ 0.000

Left In: 1243.371 $\pm$ 0.000

χ^2 /NDF: 31721270909522099205936100724856324096.0/14

χ^2 /NDF: 46582594487916709604733486240874102784.0/10

χ^2 /NDF: 78884457200782655962756069915468234752.0/15

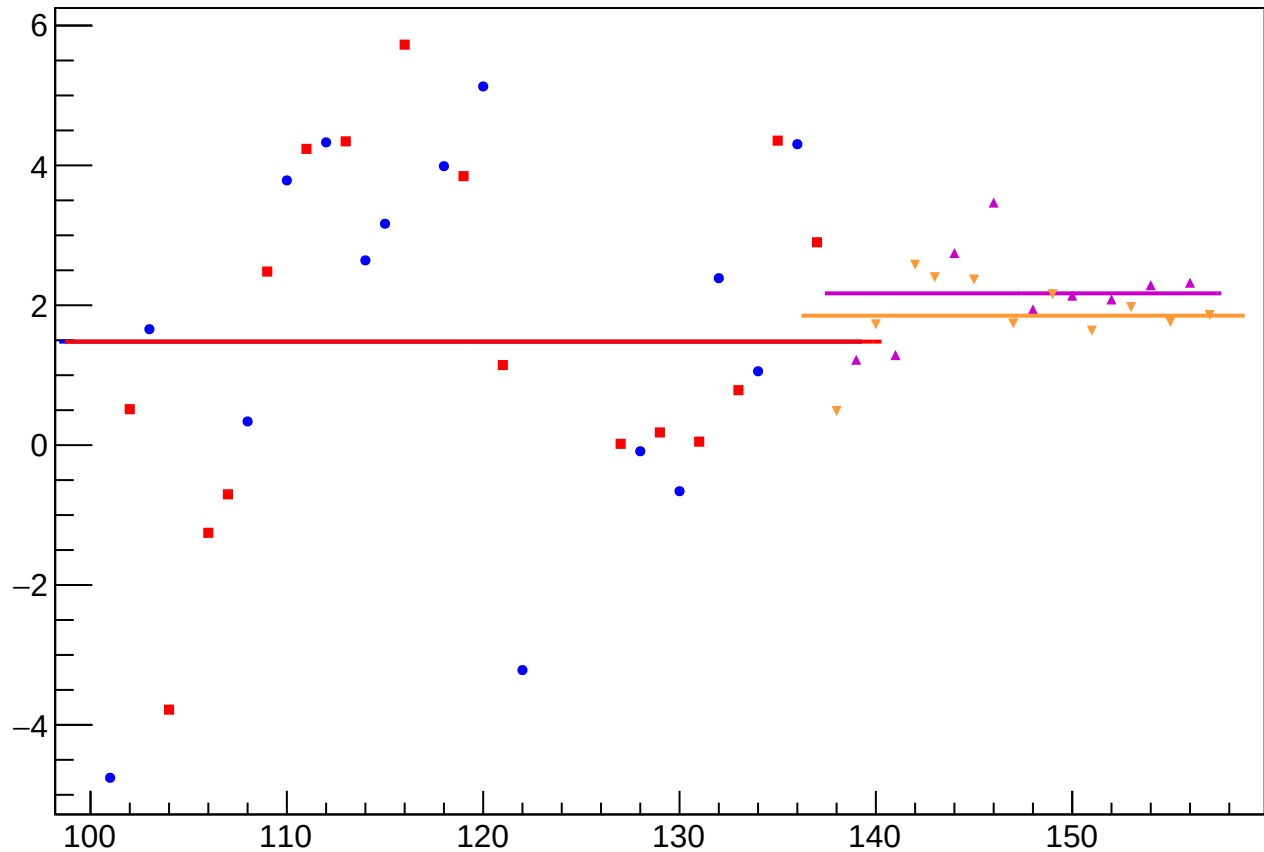
χ^2 /NDF: 29547926589439123965433812955611267072.0/8

+ sign 1084.061 $\pm$ 0.000 χ^2 /NDF: 84098319642358

All: 1100.514 $\pm$ 0.000 χ^2 /NDF: 21956325065

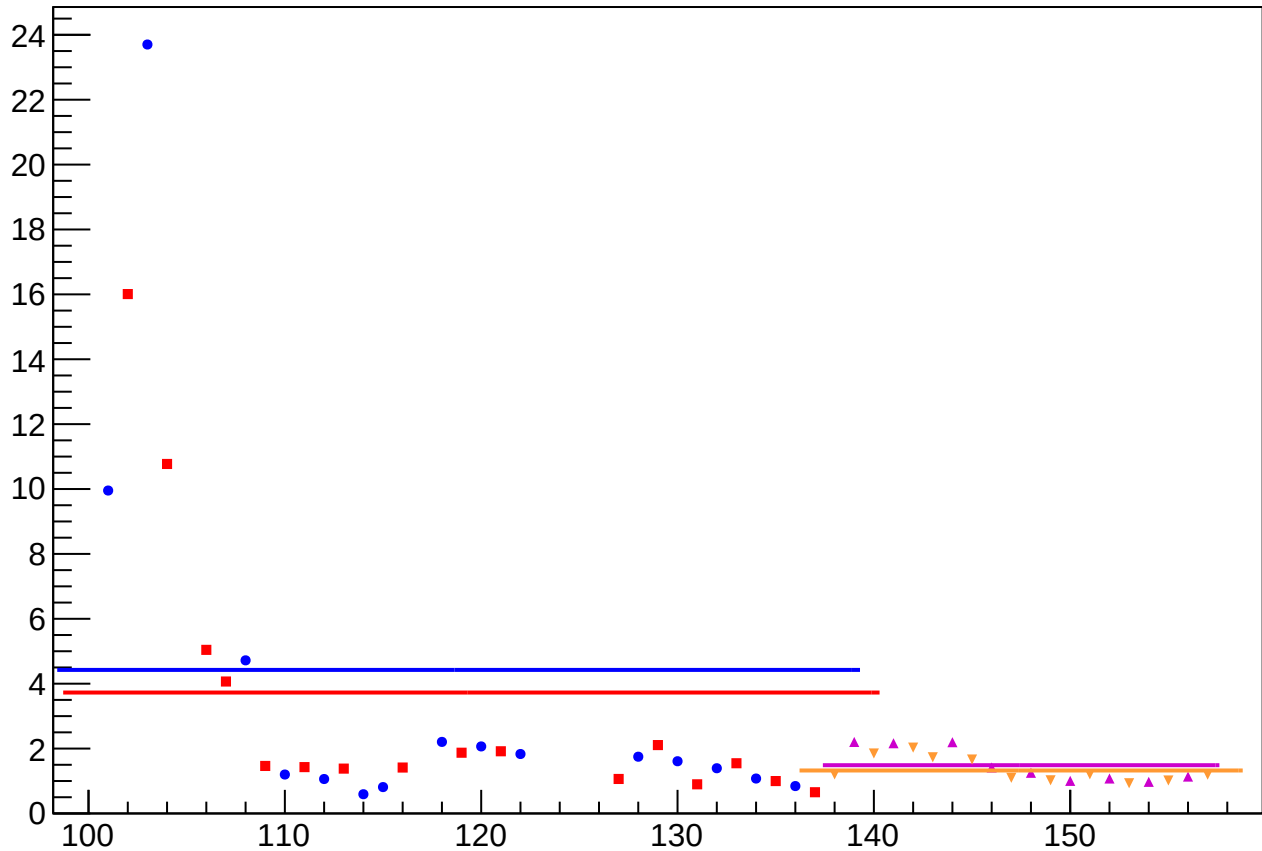
- sign 1117.539 $\pm$ 0.000 χ^2 /NDF: 13464645530852

dit_4eX_coil6_mean vs Slug



Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14
 Left Out: 1.851 $\pm$ 0.000 χ^2 /NDF: 227079578593235223921817081085952.0/10
 Right Out: 1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15
 Left In: 2.170 $\pm$ 0.000 χ^2 /NDF: 316806902889395250559440952229888.0/8

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

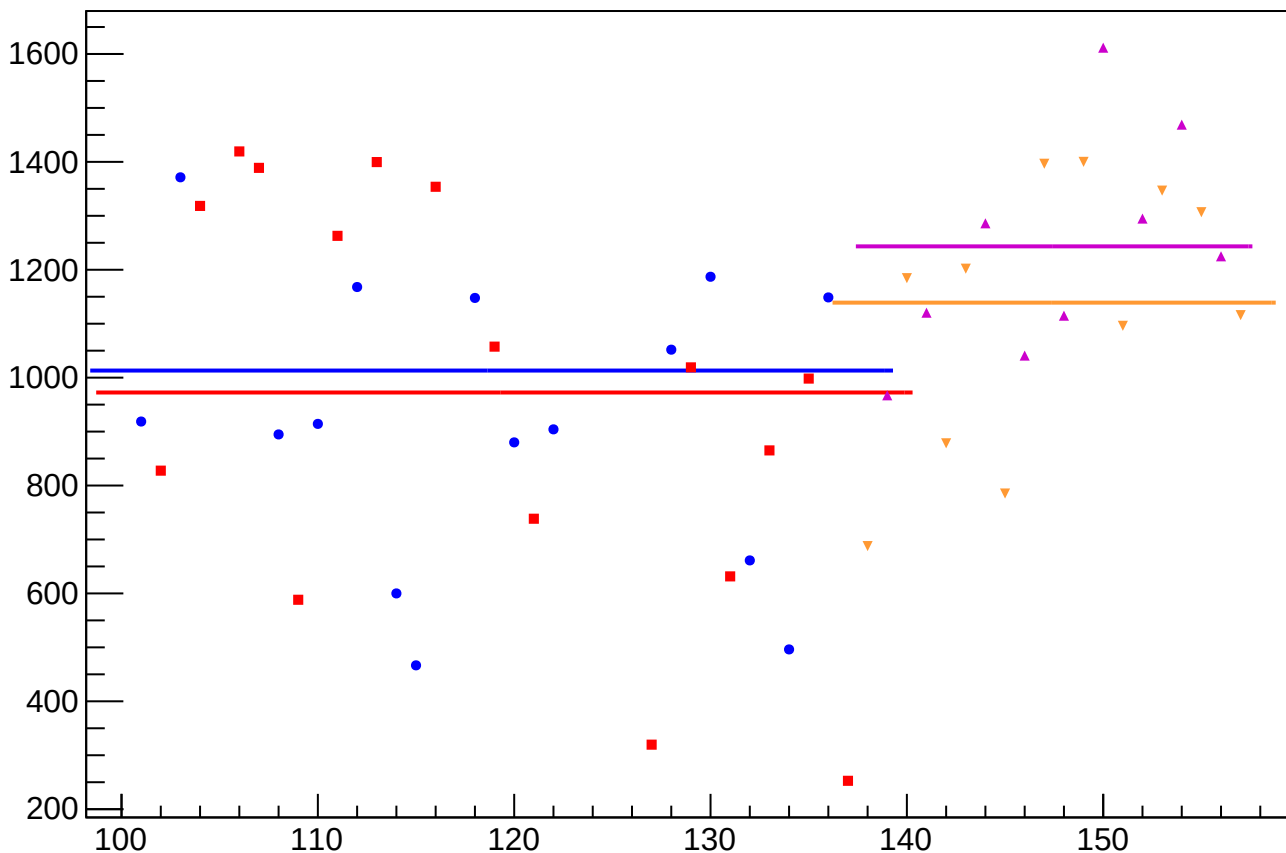
Left In: 1.487+/-0.000 χ^2/NDF : 199382463474906451690454566043648.0/8

+ sign 2.678+/-0.000 χ^2/NDF : 31871979570815232

All: 2.604+/-0.000 χ^2/NDF : 47871497558818

- sign 2.528+/-0.000 χ^2/NDF : 15982925630864749

dit_4eX_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

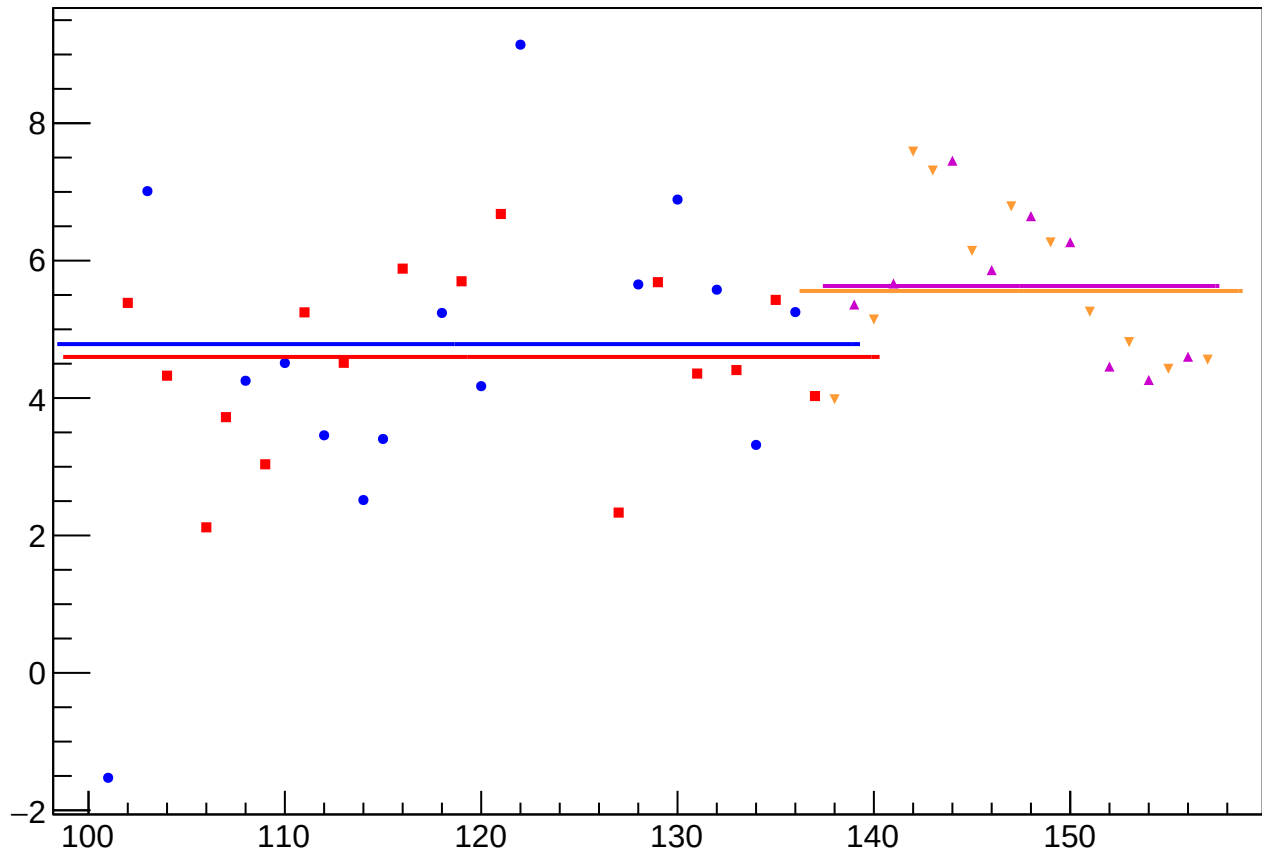
Left In: 1243.371+/-0.000 χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1100.514+/-0.000 χ^2/NDF : 21956325065

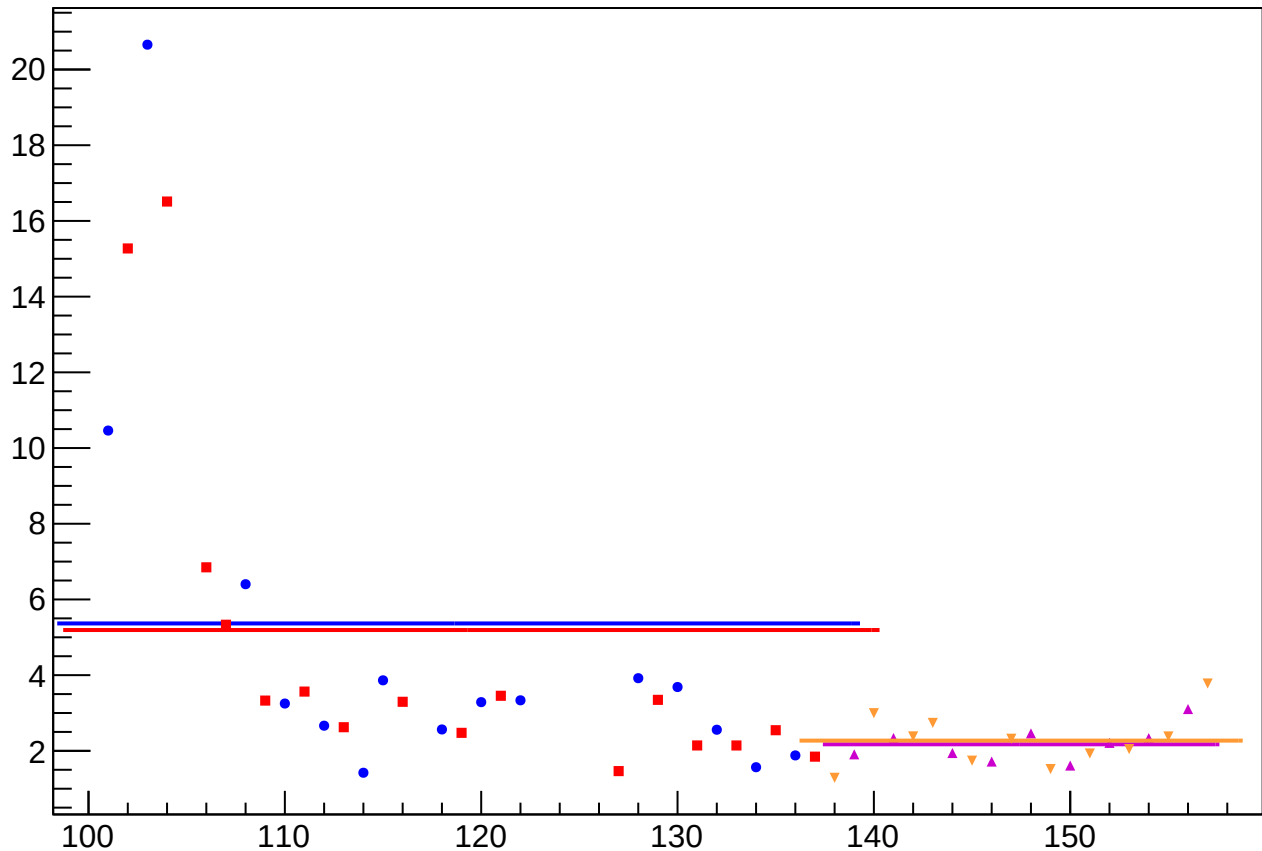
- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

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: 5.187+/-0.000	χ^2/NDF : 7416913994408
Right Out: 4.598+/-0.000	χ^2/NDF : 989607156792948633247632779640832.0/15	- sign 5.151+/-0.000	χ^2/NDF : 21718298185432497
Left In: 5.631+/-0.000	χ^2/NDF : 801267233397799313171348140851200.0/8		

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

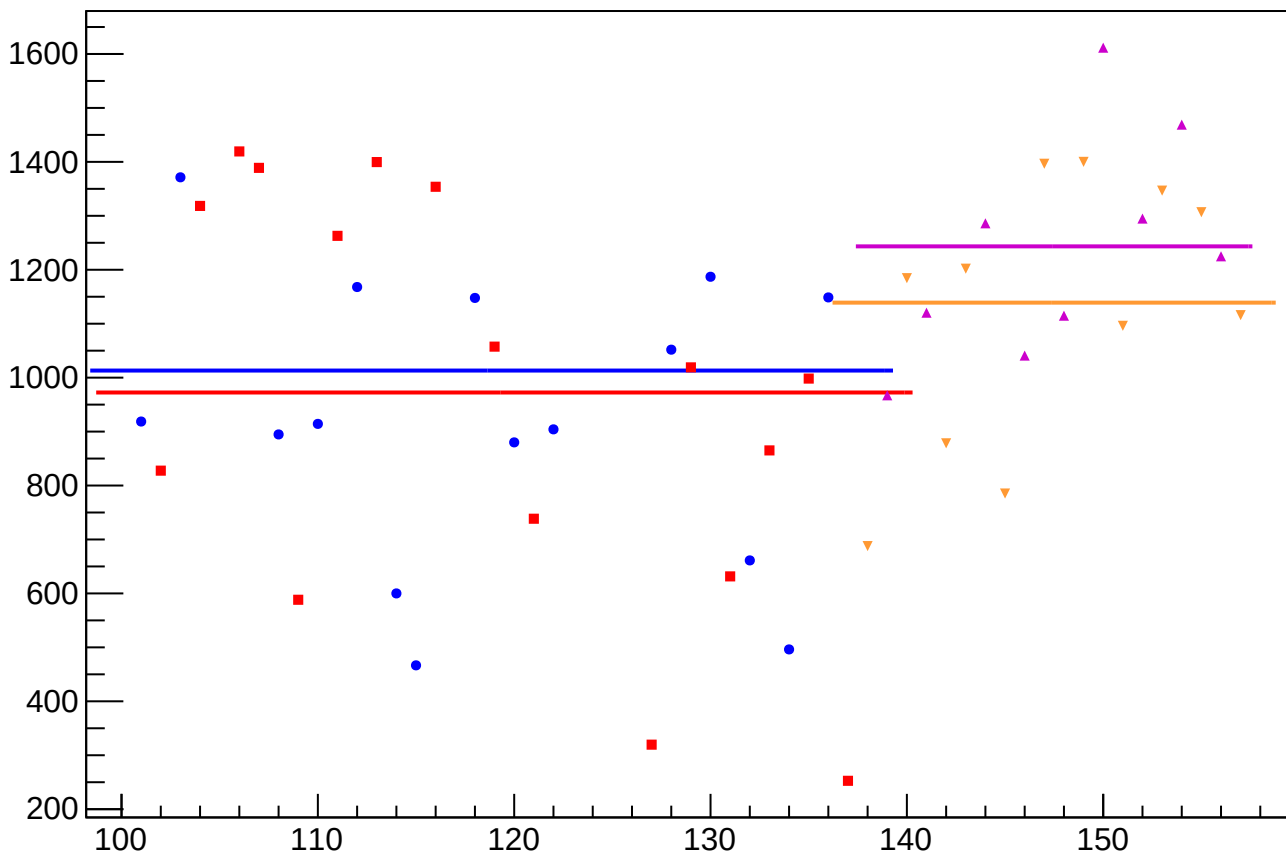
Left In: 2.173 $\pm$ 0.000 χ^2/NDF : 137515085550390337483451645558784.0/8

+ sign 3.623 $\pm$ 0.000 χ^2/NDF : 22681144079558571

All: 3.599 $\pm$ 0.000 χ^2/NDF : 41825305953050

- sign 3.575 $\pm$ 0.000 χ^2/NDF : 19142545780800171

dit_11X12X_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: 1243.371+/-0.000

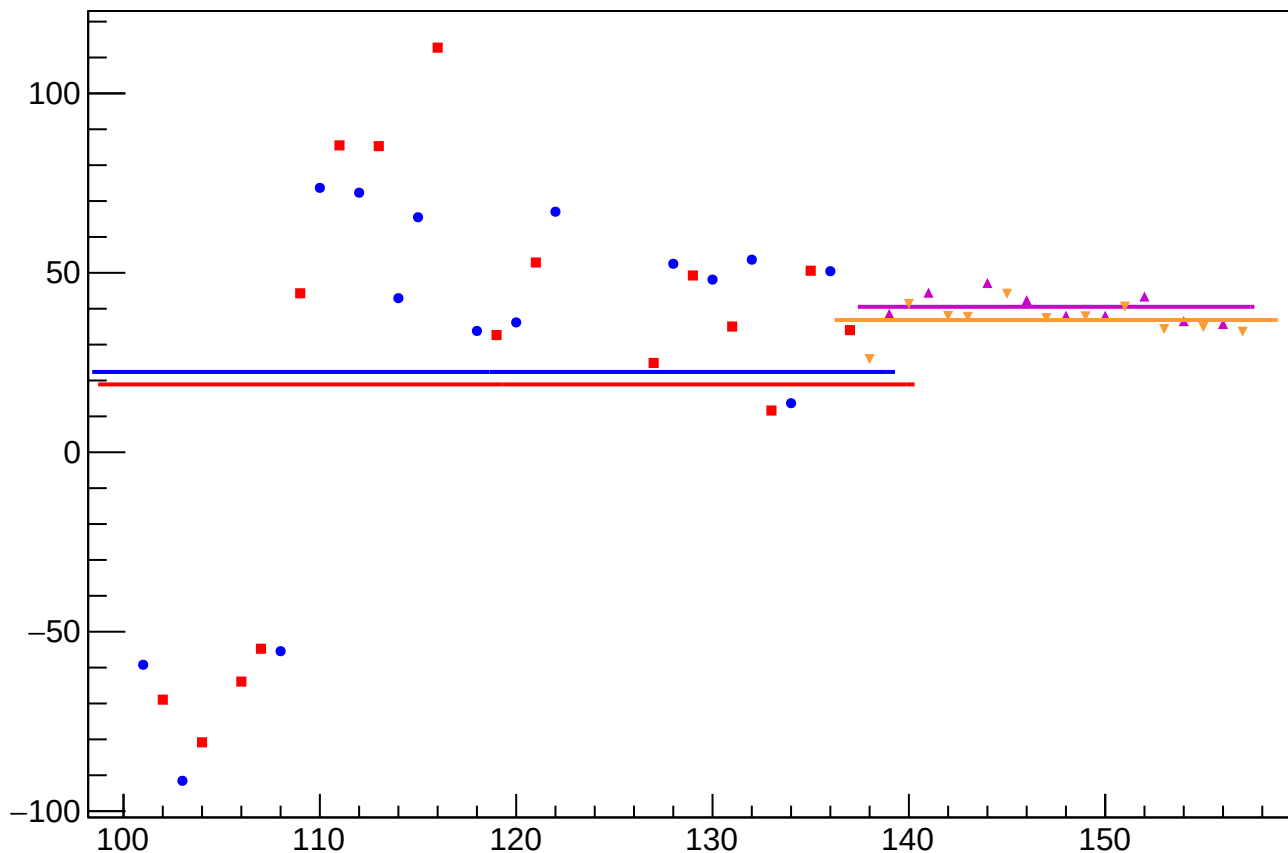
χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1100.514+/-0.000 χ^2/NDF : 21956325065

- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

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

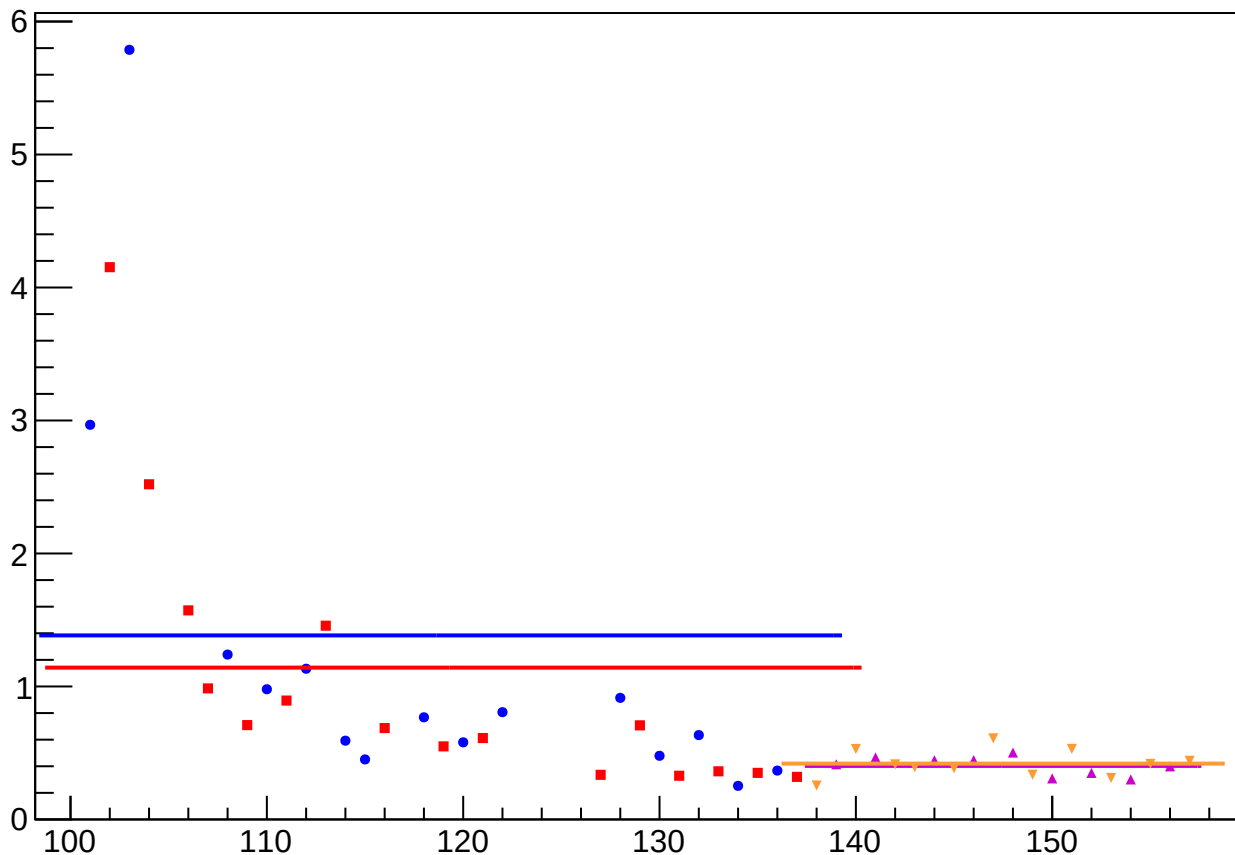
Left In: 40.537+/-0.000 χ^2/NDF : 10866814705397936868357343329386496.0/8

All: 30.514+/-0.000 χ^2/NDF : 4377252470147

+ sign 30.536+/-0.000 χ^2/NDF : 2017052663466344

- sign 30.490+/-0.000 χ^2/NDF : 2360198261268657

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.420 ± 0.000 χ^2/NDF : 8623419493456319189836168691712.0/10

Right Out: 1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

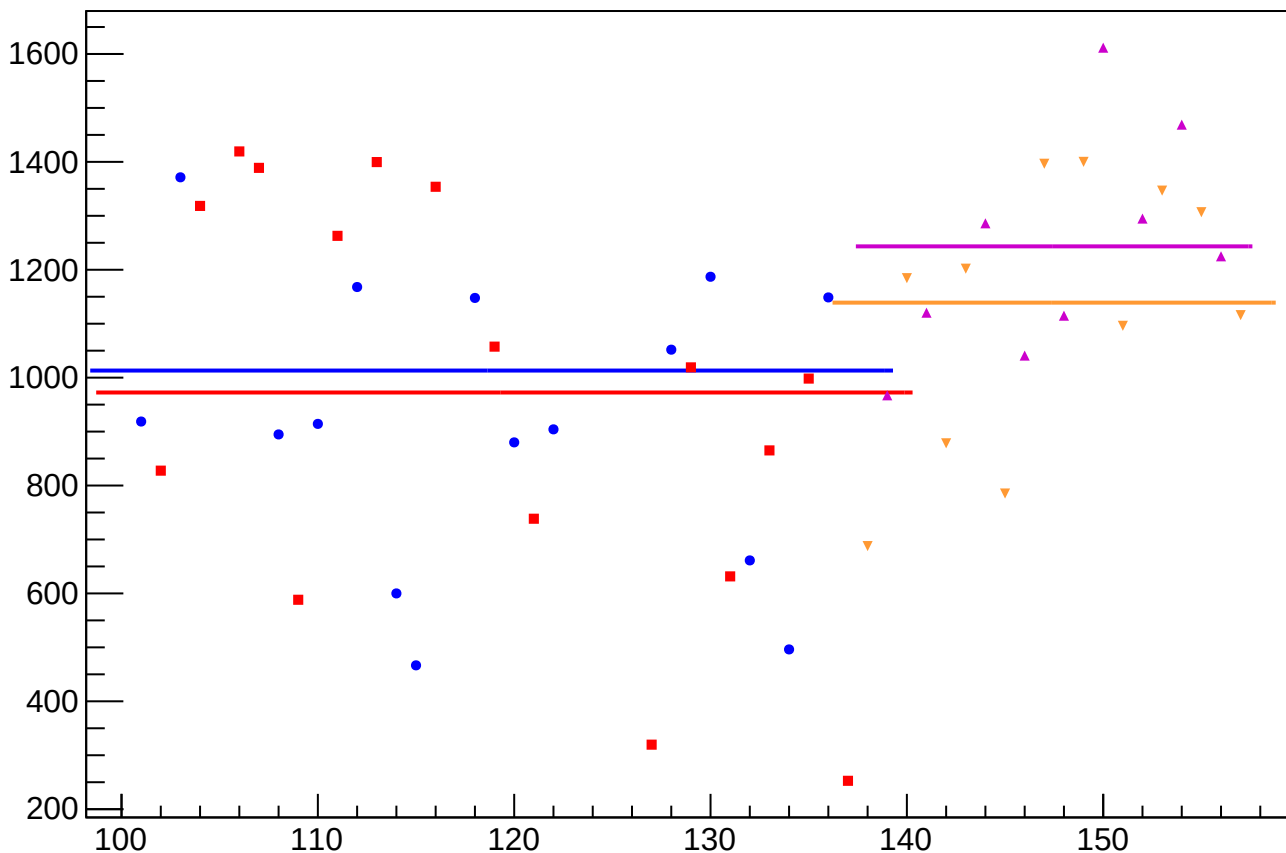
Left In: 0.403 ± 0.000 χ^2/NDF : 3497407338806618058949058887680.0/8

All: 0.794 ± 0.000 χ^2/NDF : 29355037184008

+ sign 0.841 ± 0.000 χ^2/NDF : 19195131202068724

- sign 0.746 ± 0.000 χ^2/NDF : 10093924765502814

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1139.048+/-0.000

Right Out: 972.465+/-0.000

Left In: 1243.371+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46582594487916709604733486240874102784.0/10

χ^2/NDF : 78884457200782655962756069915468234752.0/15

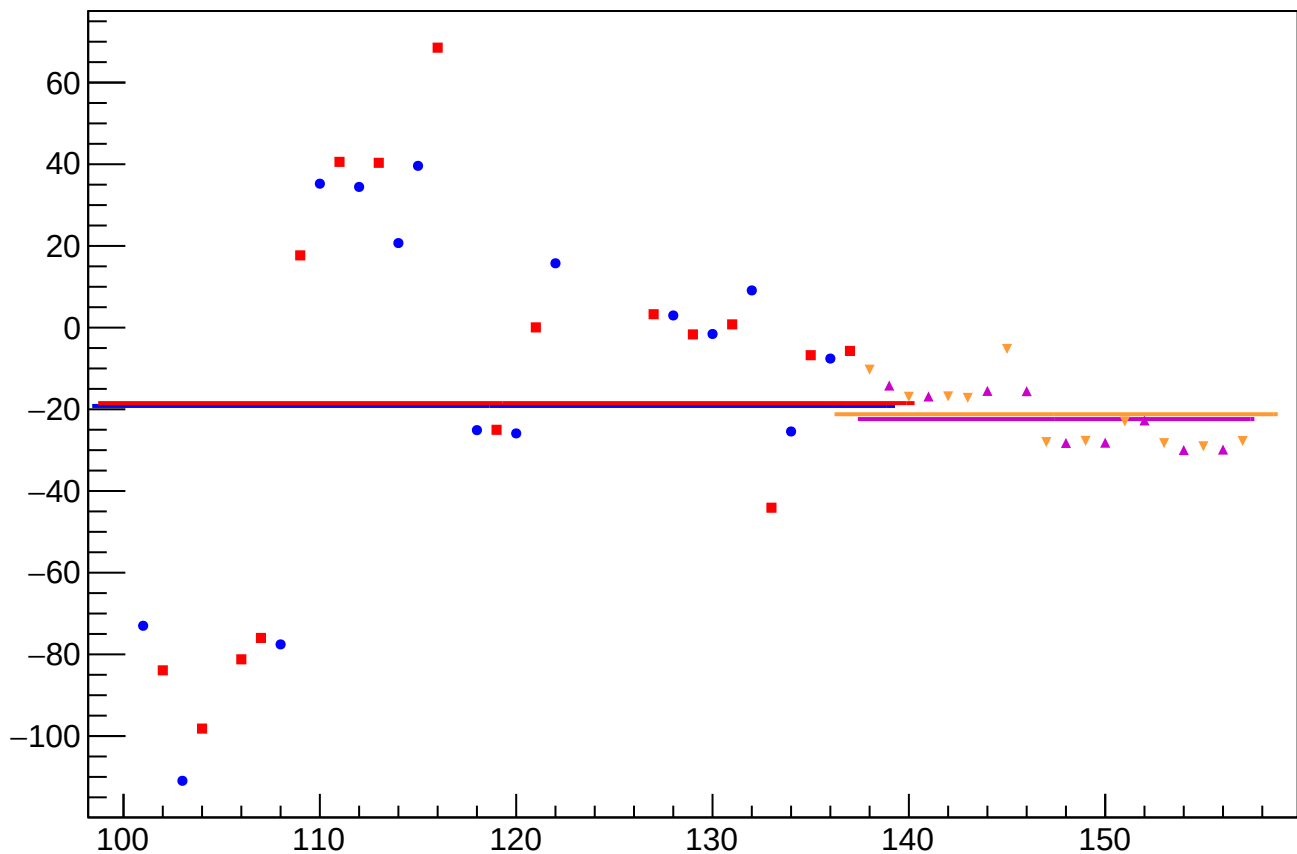
χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1100.514+/-0.000 χ^2/NDF : 21956325065

- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

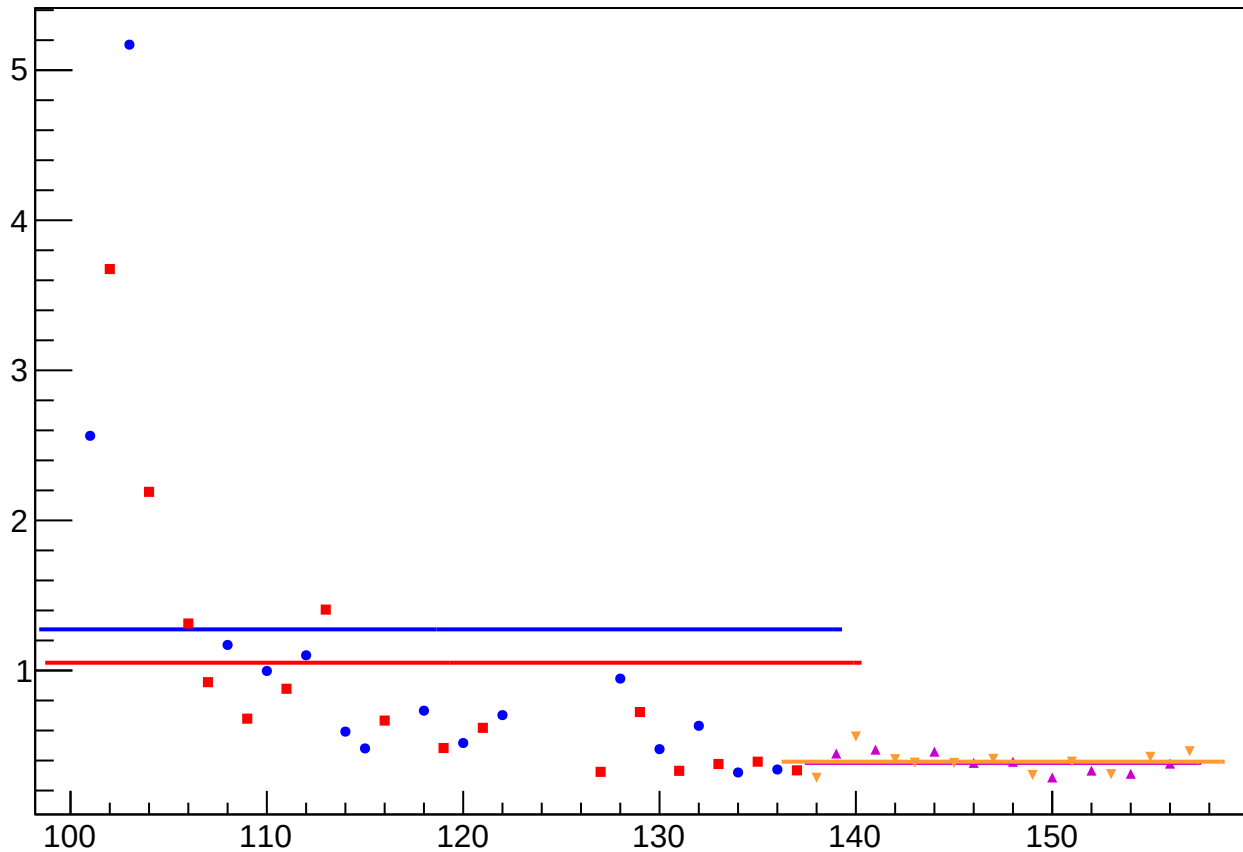
dit_4eY_coil6_mean vs Slug



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: -22.388+/-0.000	χ^2/NDF : 31660173053537574541092351924764672.0/8

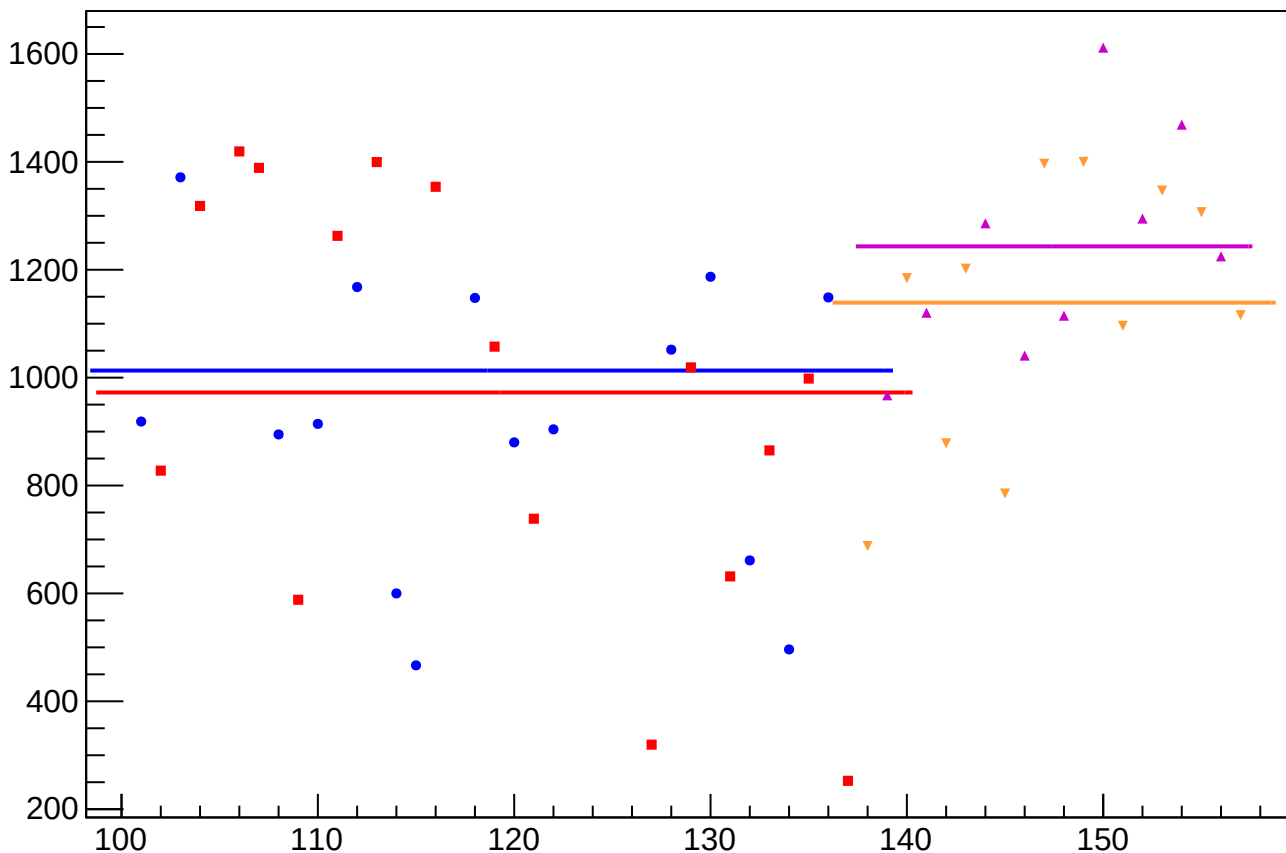
+ sign -20.320+/-0.000 χ^2/NDF : 130137958748670
 All: -20.444+/-0.000 χ^2/NDF : 282794150997
 - sign -20.572+/-0.000 χ^2/NDF : 1526515620484079

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000	χ^2/NDF : 1212041476631073599154045304438784.0/14
Left Out: 0.392+/-0.000	χ^2/NDF : 4970601636939495795240204238848.0/10
Right Out: 1.052+/-0.000	χ^2/NDF : 607316121057753919194559126962176.0/15
Left In: 0.384+/-0.000	χ^2/NDF : 3037343832995208075677290987520.0/8
+ sign 0.777+/-0.000 χ^2/NDF : 15011013155501147	
All: 0.737+/-0.000 χ^2/NDF : 22758241474729	
- sign 0.694+/-0.000 χ^2/NDF : 76966329047123025	

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1139.048+/-0.000

Right Out: 972.465+/-0.000

Left In: 1243.371+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46582594487916709604733486240874102784.0/10

χ^2/NDF : 78884457200782655962756069915468234752.0/15

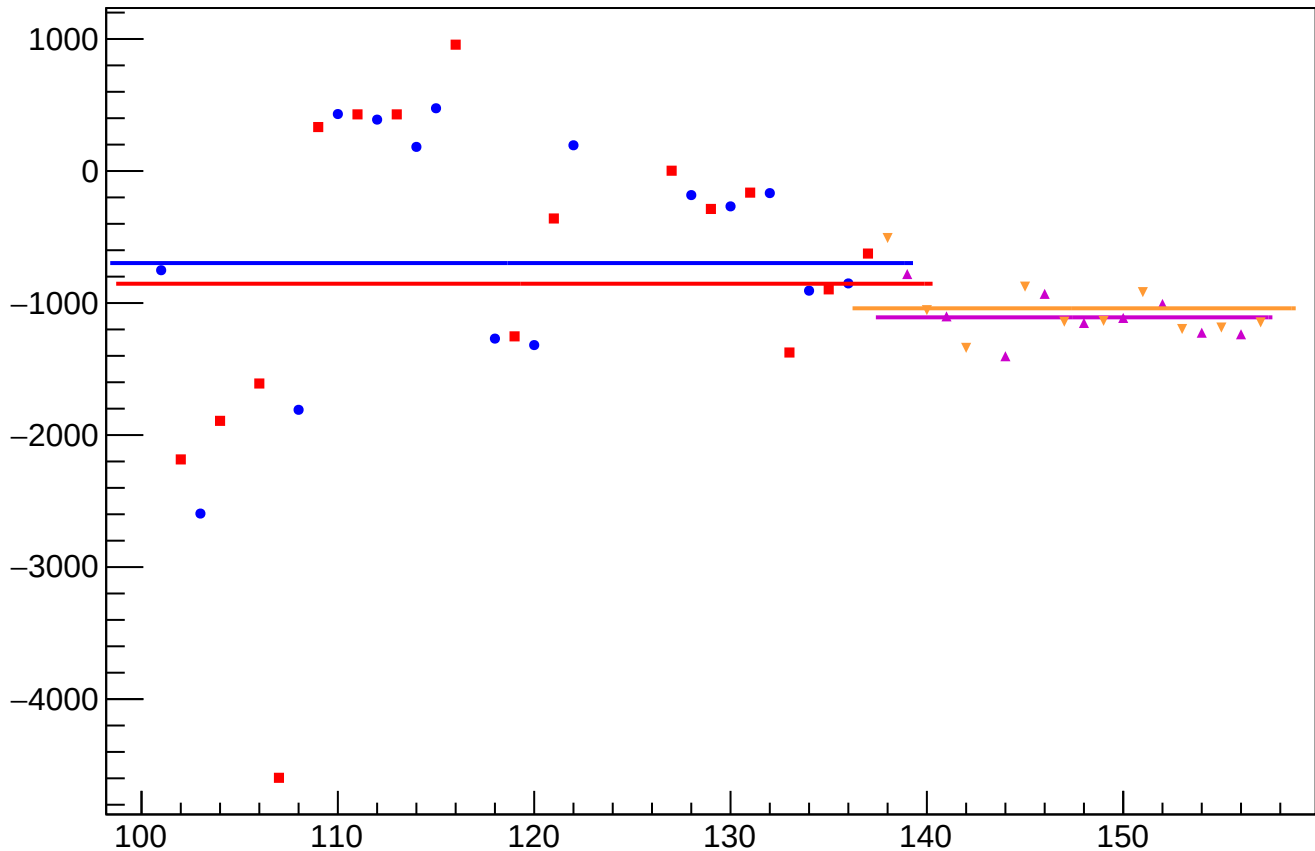
χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1100.514+/-0.000 χ^2/NDF : 21956325065

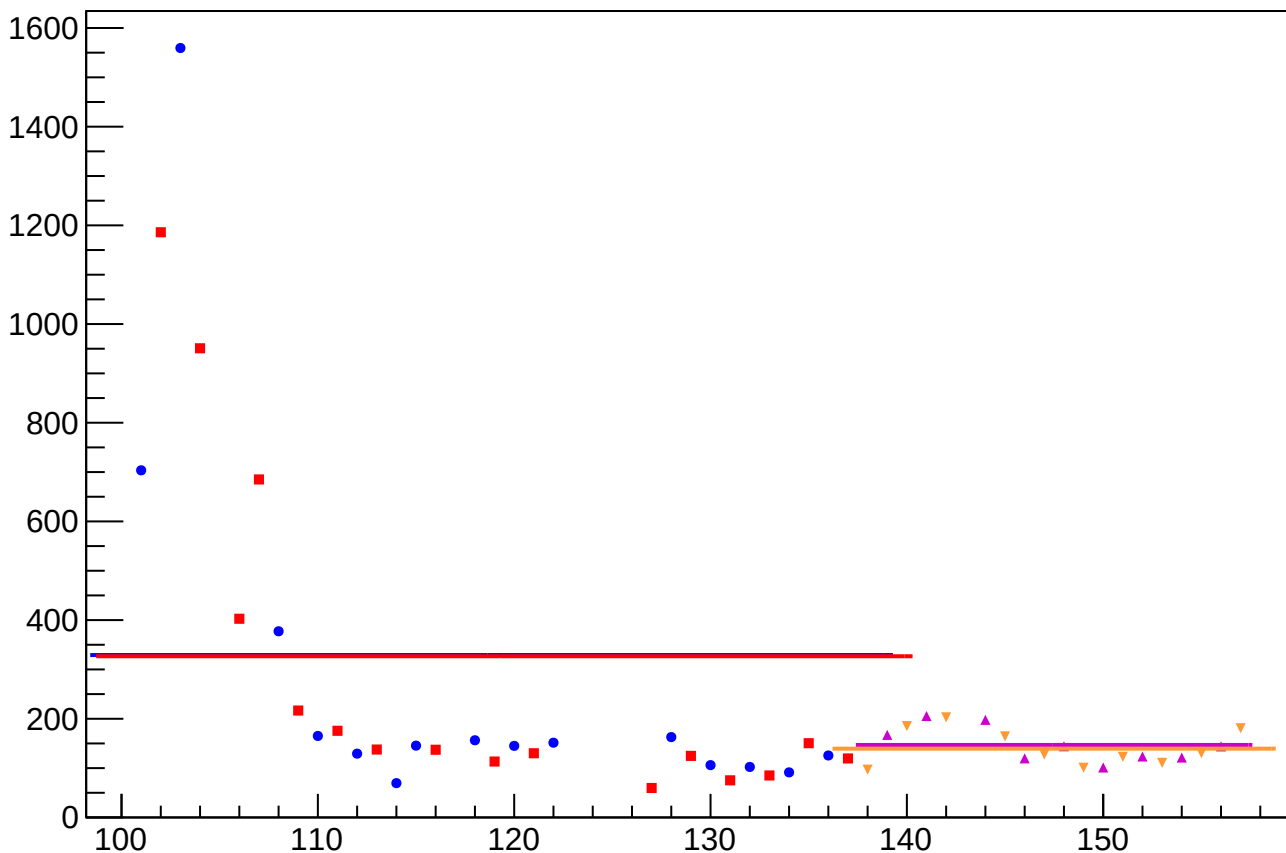
- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

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: -1108.331 ± 0.000 $\chi^2/\text{NDF}: 2263440678426558380396851658677608192.0/8$

dit_usl_coil6_err_mean vs Slug



Right In: 329.108 $\pm$ 0.000 χ^2 /NDF: 116863820700538623524207945698672377856.0/14

Left Out: 139.443 $\pm$ 0.000 χ^2 /NDF: 916900942982070955154469003060051968.0/9

Right Out: 326.695 $\pm$ 0.000 χ^2 /NDF: 87569123354318020688611028415151079424.0/15

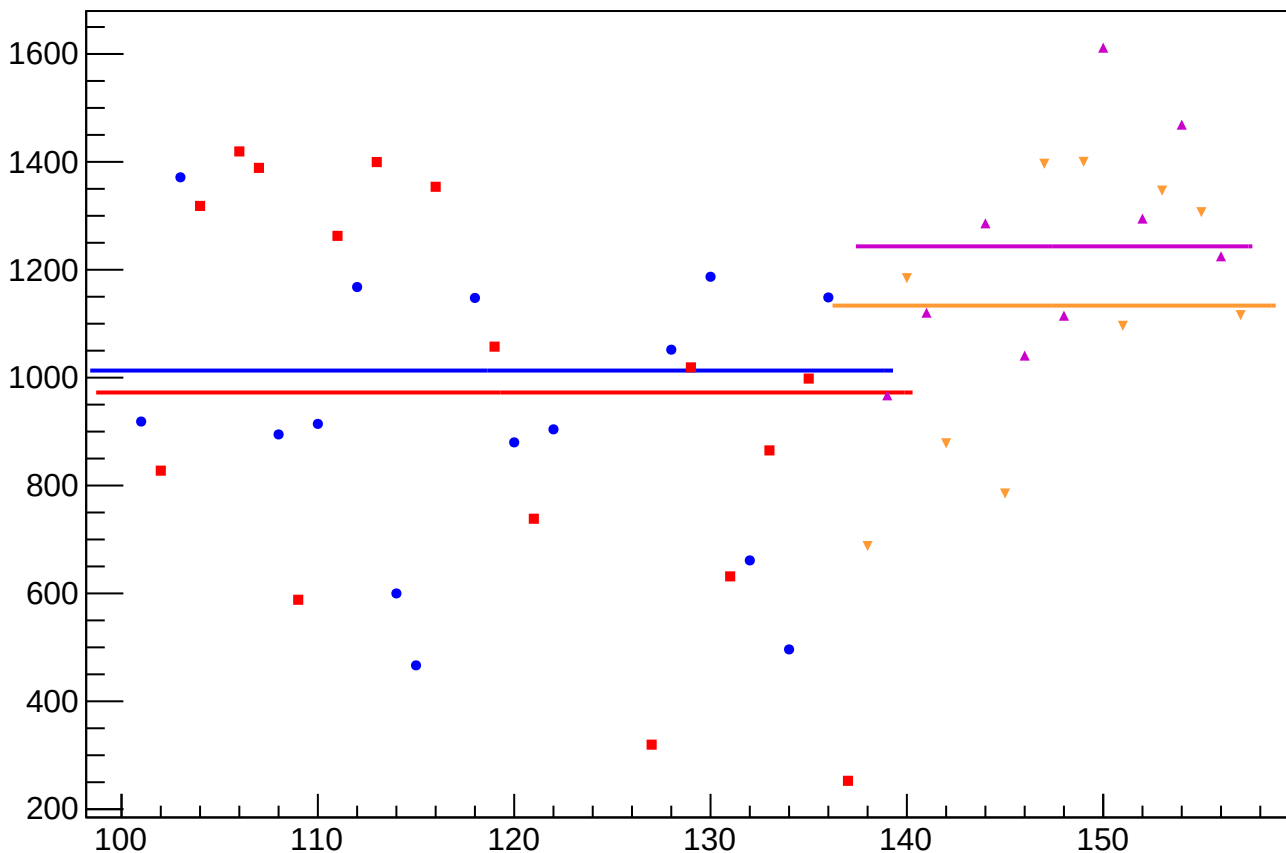
Left In: 146.954 $\pm$ 0.000 χ^2 /NDF: 914574299734421010041729963501027328.0/8

+ sign 226.189 $\pm$ 0.000 χ^2 /NDF: 130449293969936

All: 228.327 $\pm$ 0.000 χ^2 /NDF: 230485512023

- sign 230.441 $\pm$ 0.000 χ^2 /NDF: 100023316170841

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: 1243.371+/-0.000

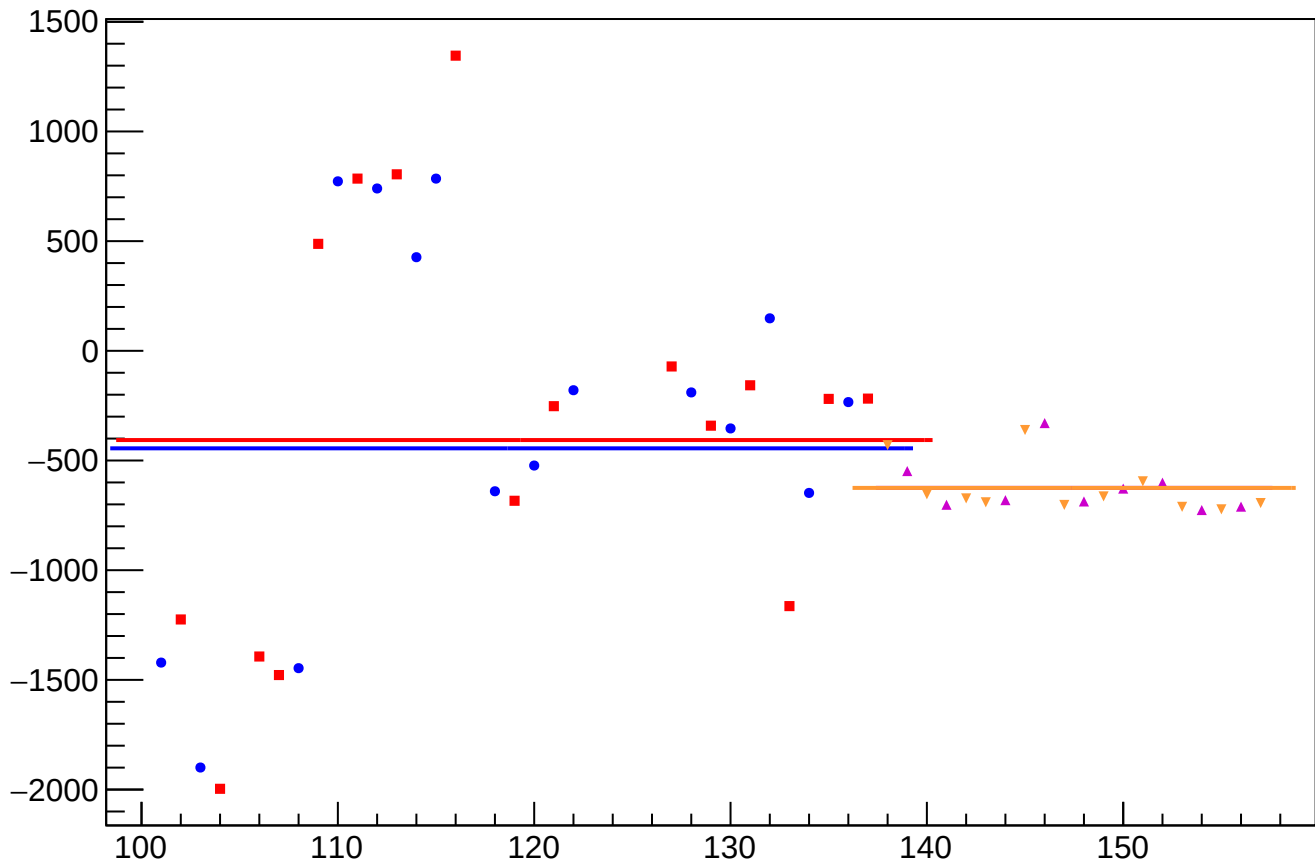
χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1078.493+/-0.000 χ^2/NDF : 83122623886510

All: 1098.132+/-0.000 χ^2/NDF : 21885719964

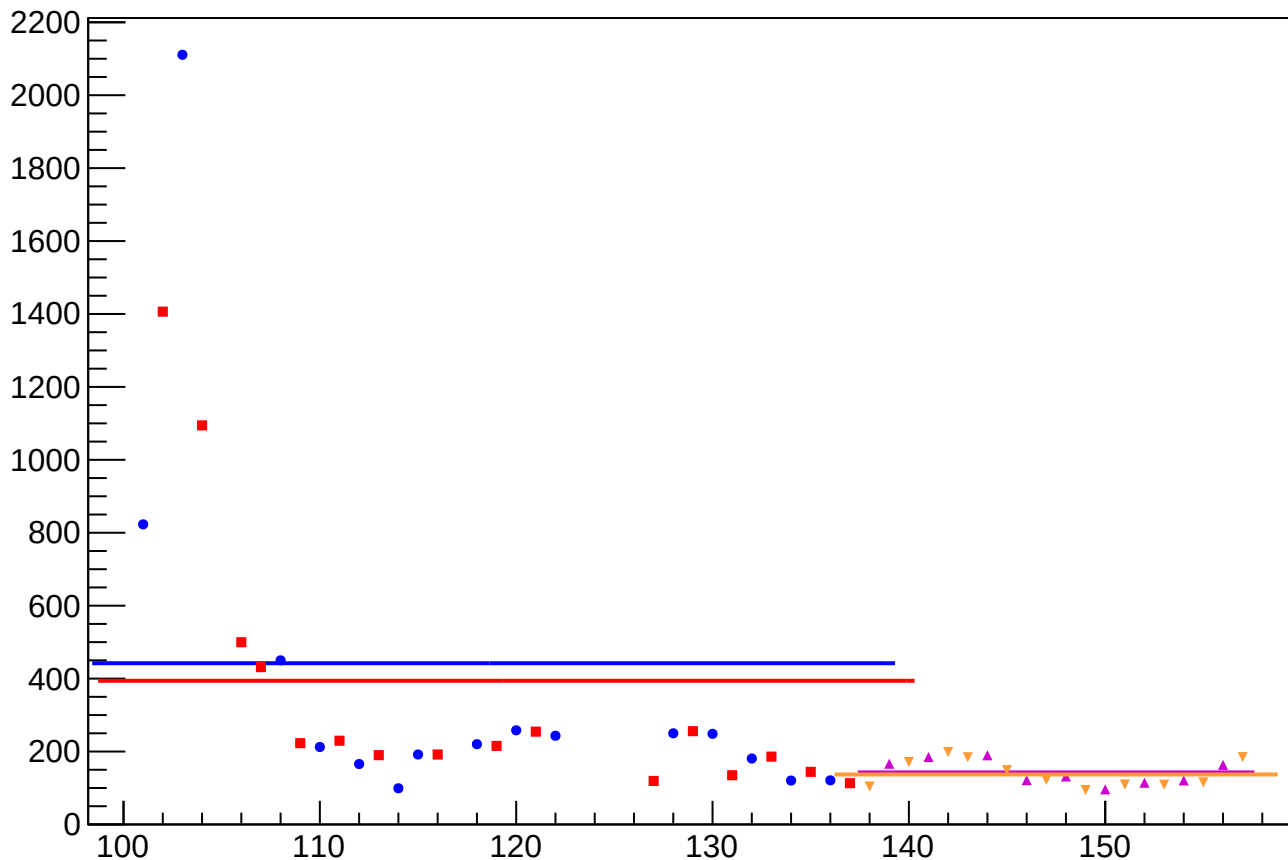
- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

dit_usr_coil6_mean vs Slug



Right In: -444.512 $\pm$ 0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -624.910 $\pm$ 0.000 χ^2/NDF : 11505307694054585992764858891361058816.0/10
 Right Out: -406.729 $\pm$ 0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15
 Left In: -624.788 $\pm$ 0.000 χ^2/NDF : 10364833556234846567618522171312177152.0/8

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

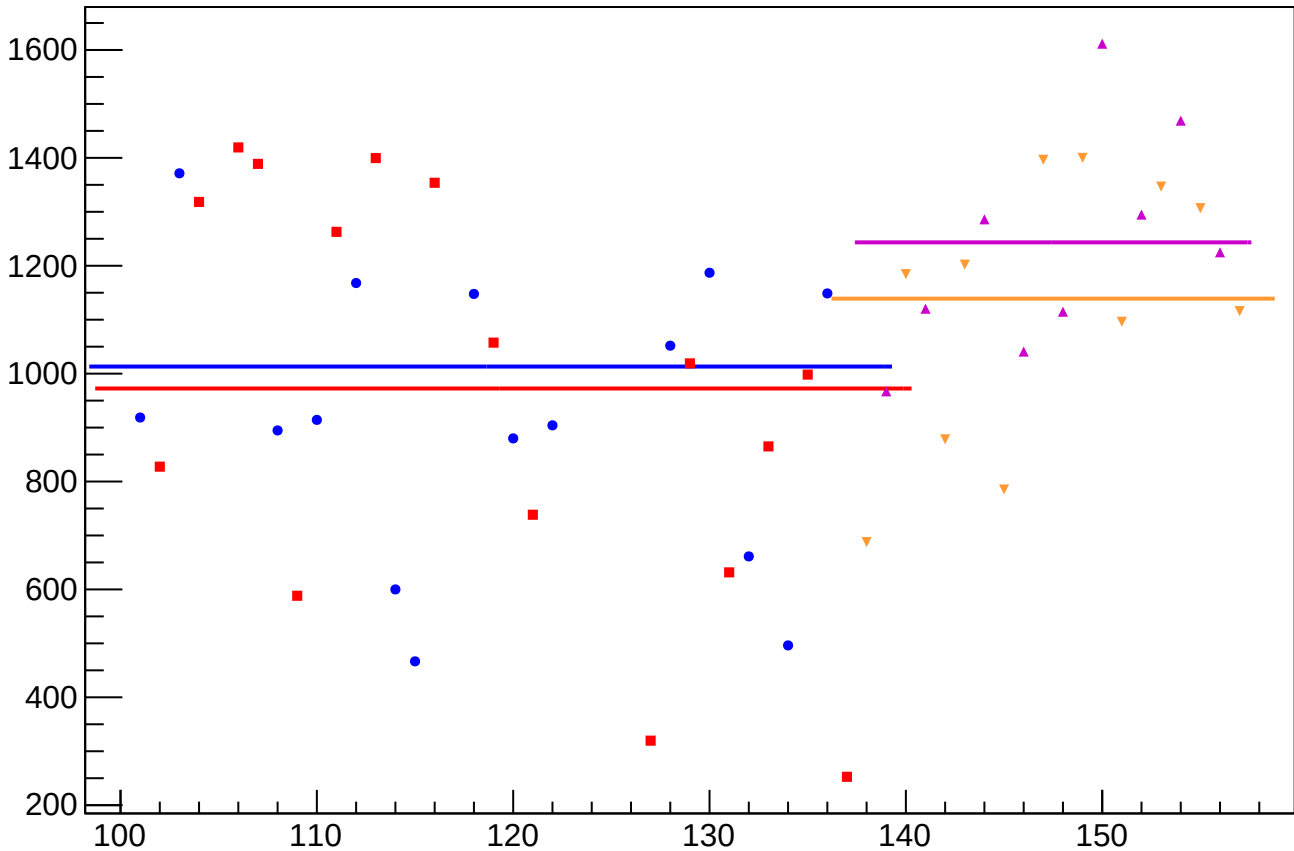
Left In: 142.793+/-0.000 χ^2/NDF : 784042831575976928422999578967539712.0/8

+ sign 270.278+/-0.000 χ^2/NDF : 239086407678580

All: 264.976+/-0.000 χ^2/NDF : 368384456477

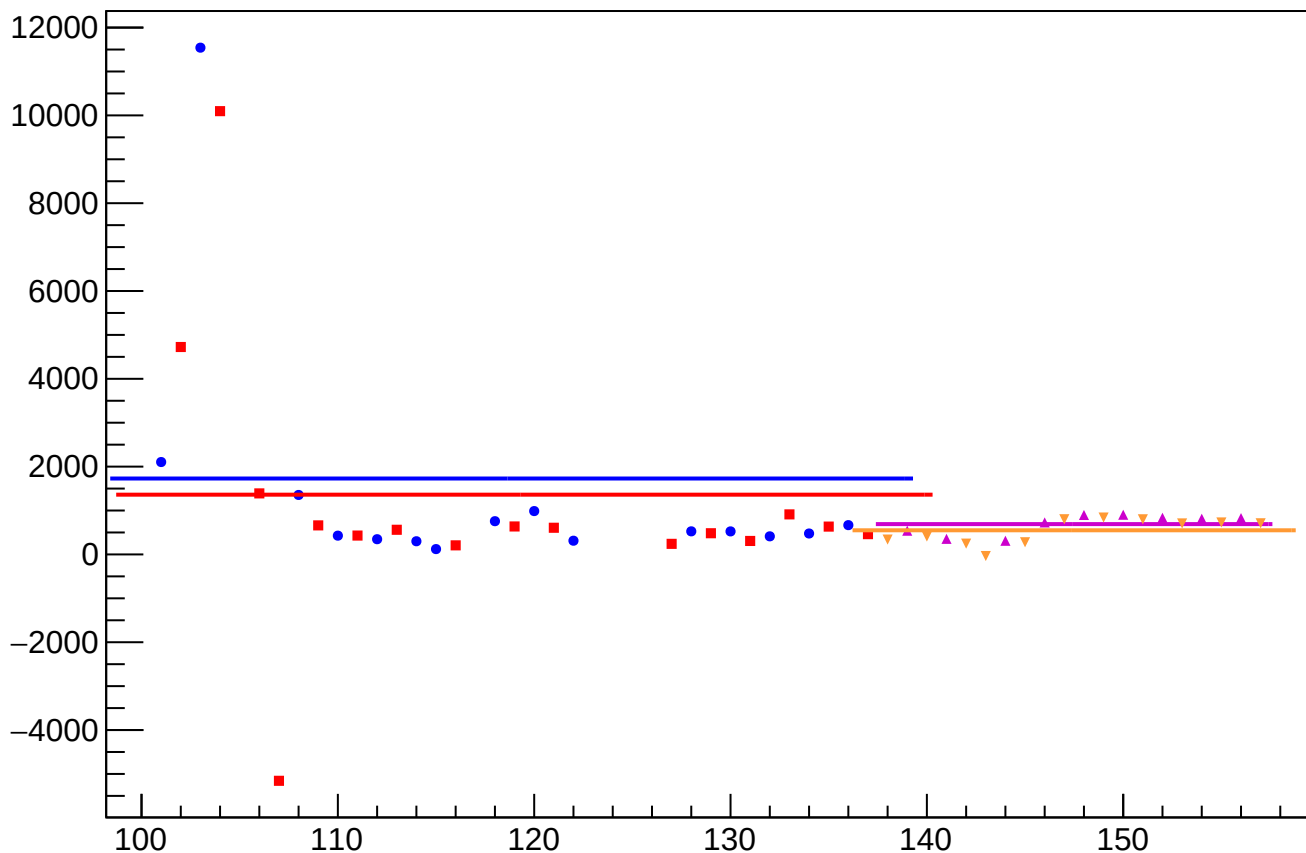
- sign 259.490+/-0.000 χ^2/NDF : 129213069320045

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: 1100.514+/-0.000	χ^2/NDF : 21956325065
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1117.539+/-0.000	χ^2/NDF : 13464645530852
Left In: 1243.371+/-0.000	χ^2/NDF : 29547926589439123965433812955611267072.0/8		

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: 690.658+/-0.000 χ^2/NDF : 36754103102217131488929083624626585600.0/8

dit_atl1_coil6_err_mean vs Slug



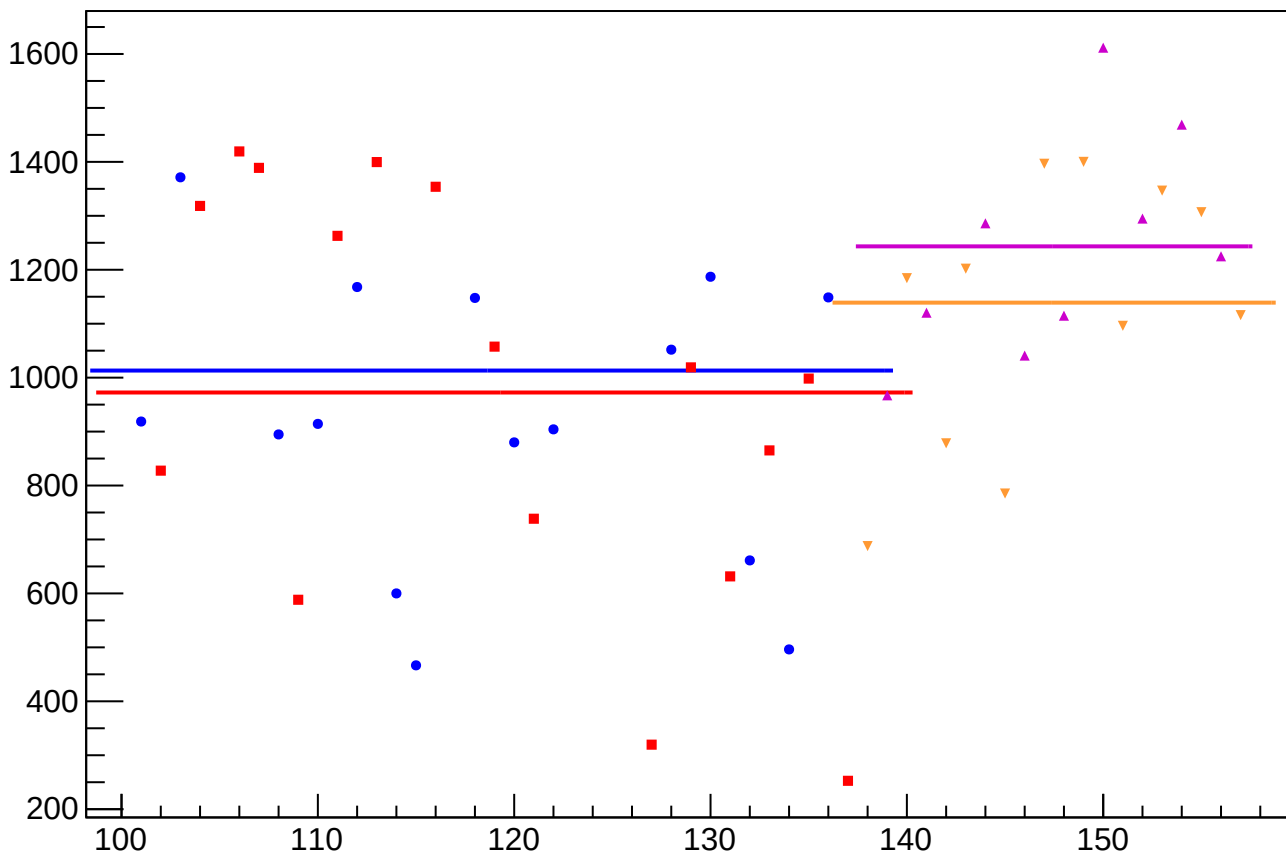
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

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: 138.884+/-0.000 χ^2/NDF : 918322482445729949085424697670107136.0/8

dit_atl1_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

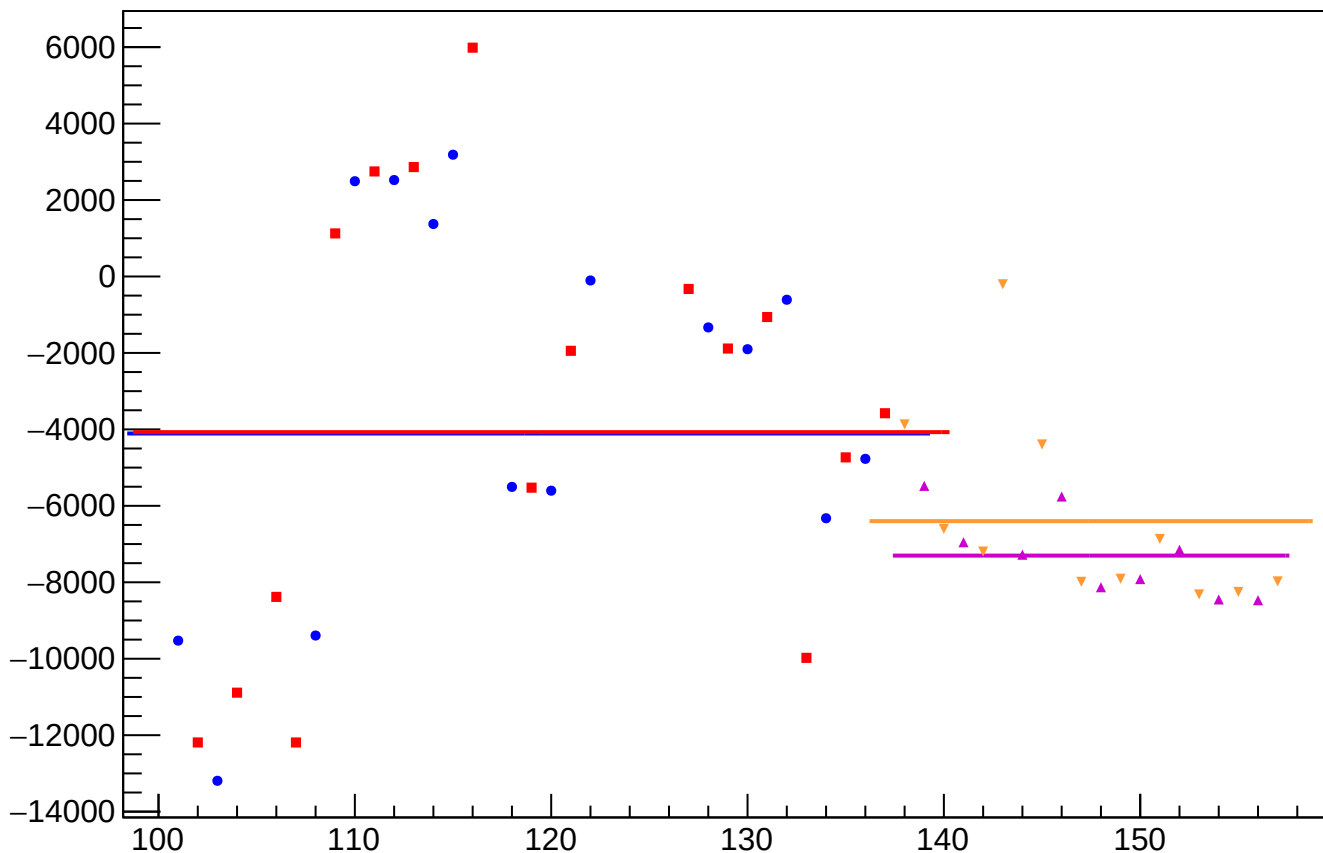
Left In: 1243.371+/-0.000 χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1100.514+/-0.000 χ^2/NDF : 21956325065

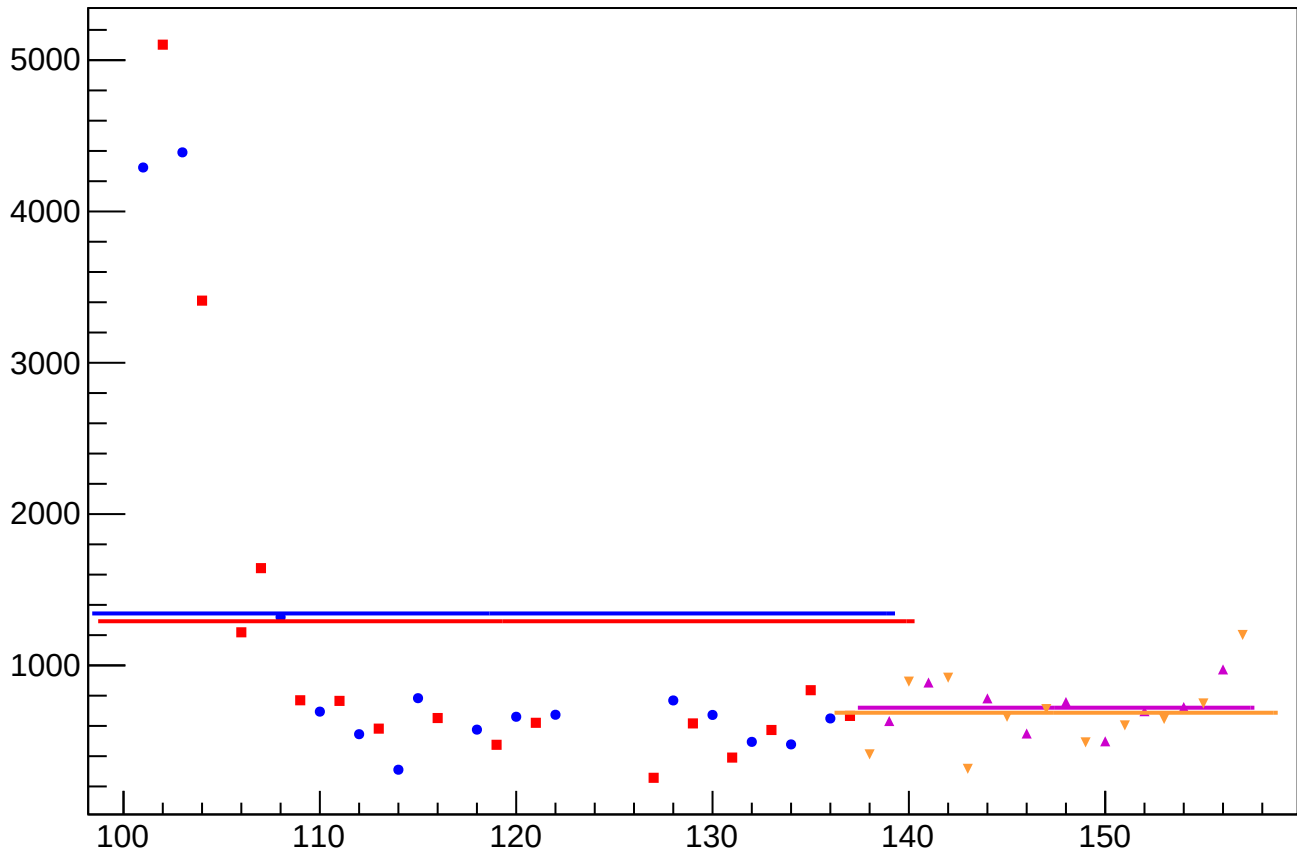
- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

dit_atl2_coil6_mean vs Slug



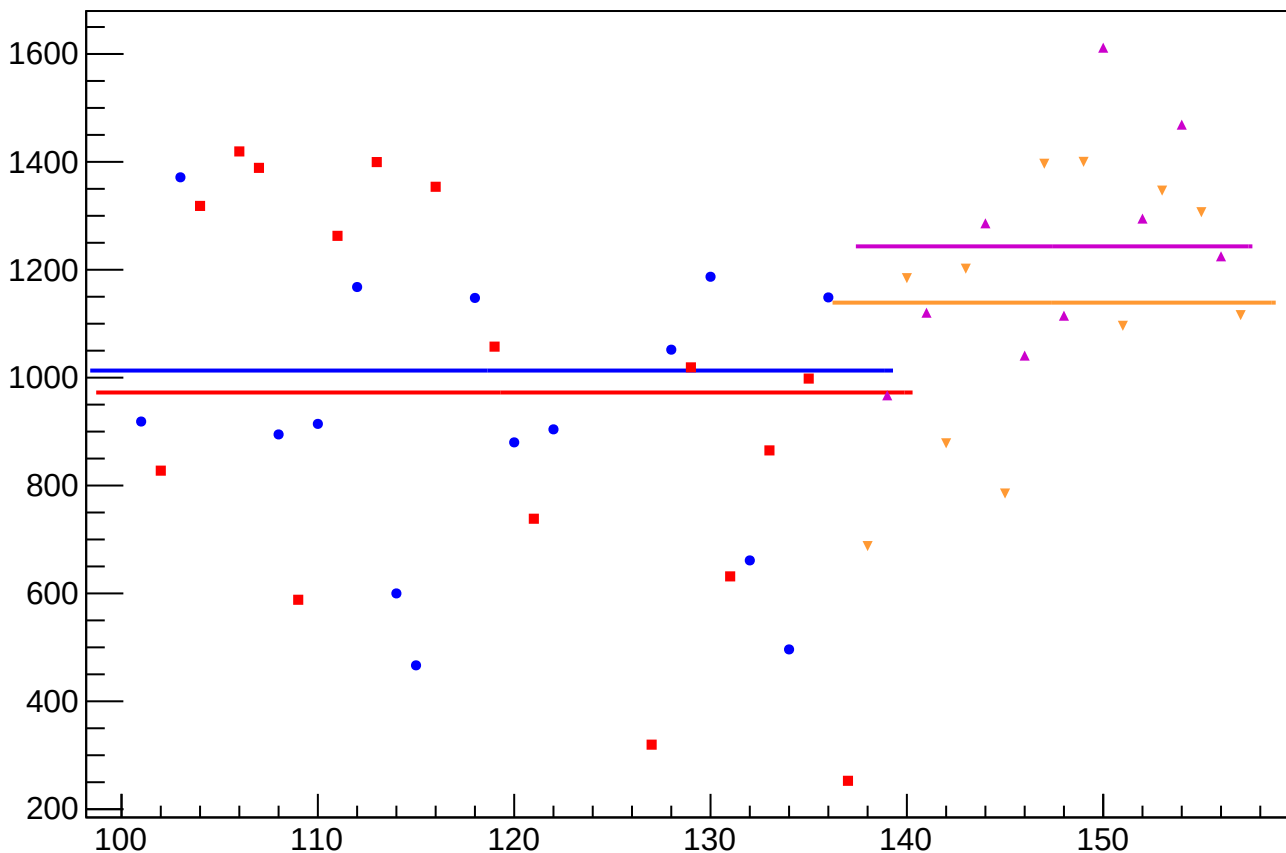
Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -6400.408+/-0.000 χ^2/NDF : 4617761803828225396703174227140771053568.0/10
 Right Out: -4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: -7301.839+/-0.000 χ^2/NDF : 798282769992928292691781955525751603200.0/8

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: 720.417+/-0.000 χ^2/NDF : 15515152895457724571826171287019978752.0/8

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1139.048+/-0.000

Right Out: 972.465+/-0.000

Left In: 1243.371+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46582594487916709604733486240874102784.0/10

χ^2/NDF : 78884457200782655962756069915468234752.0/15

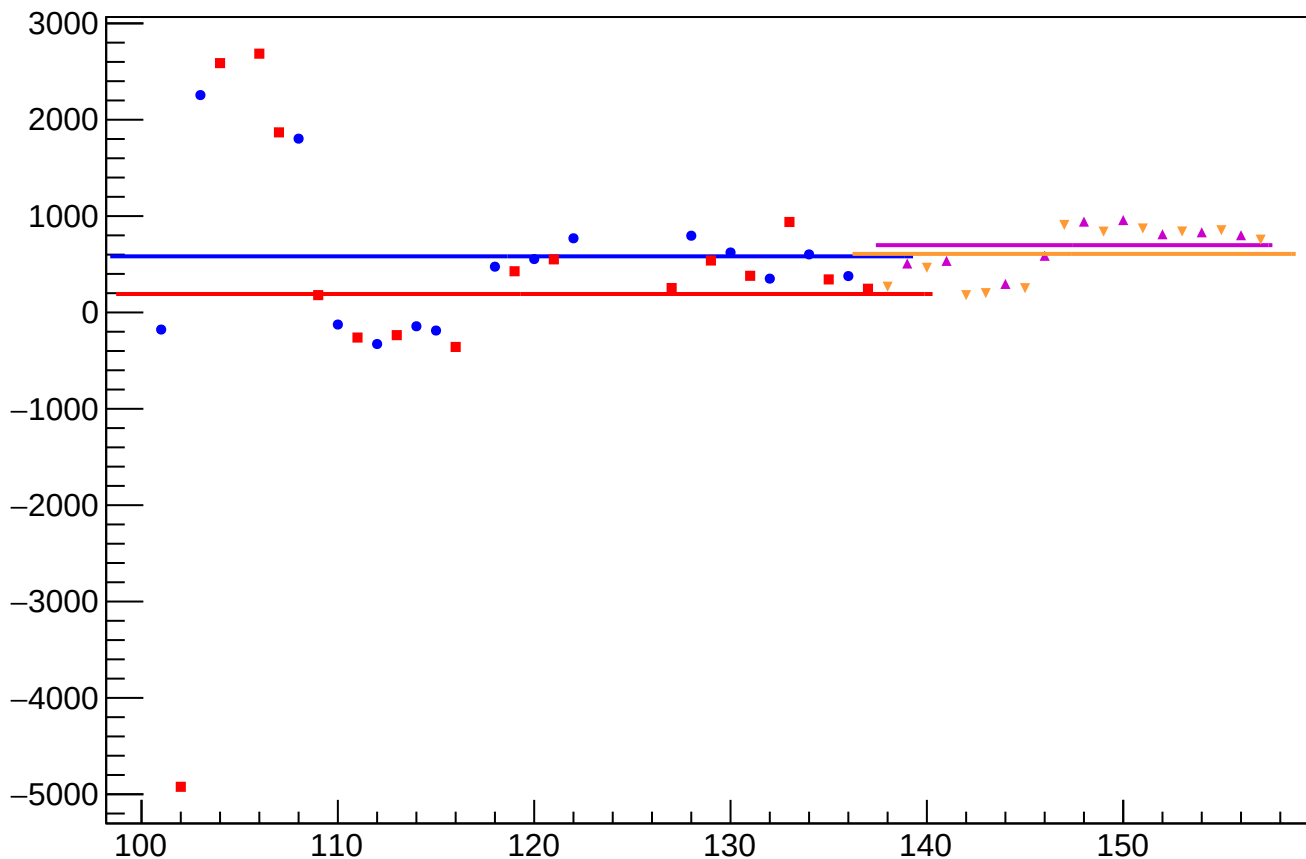
χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1100.514+/-0.000 χ^2/NDF : 21956325065

- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 607.705+/-0.000 χ^2/NDF : 68606066383874352477149758396016099328.0/10

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

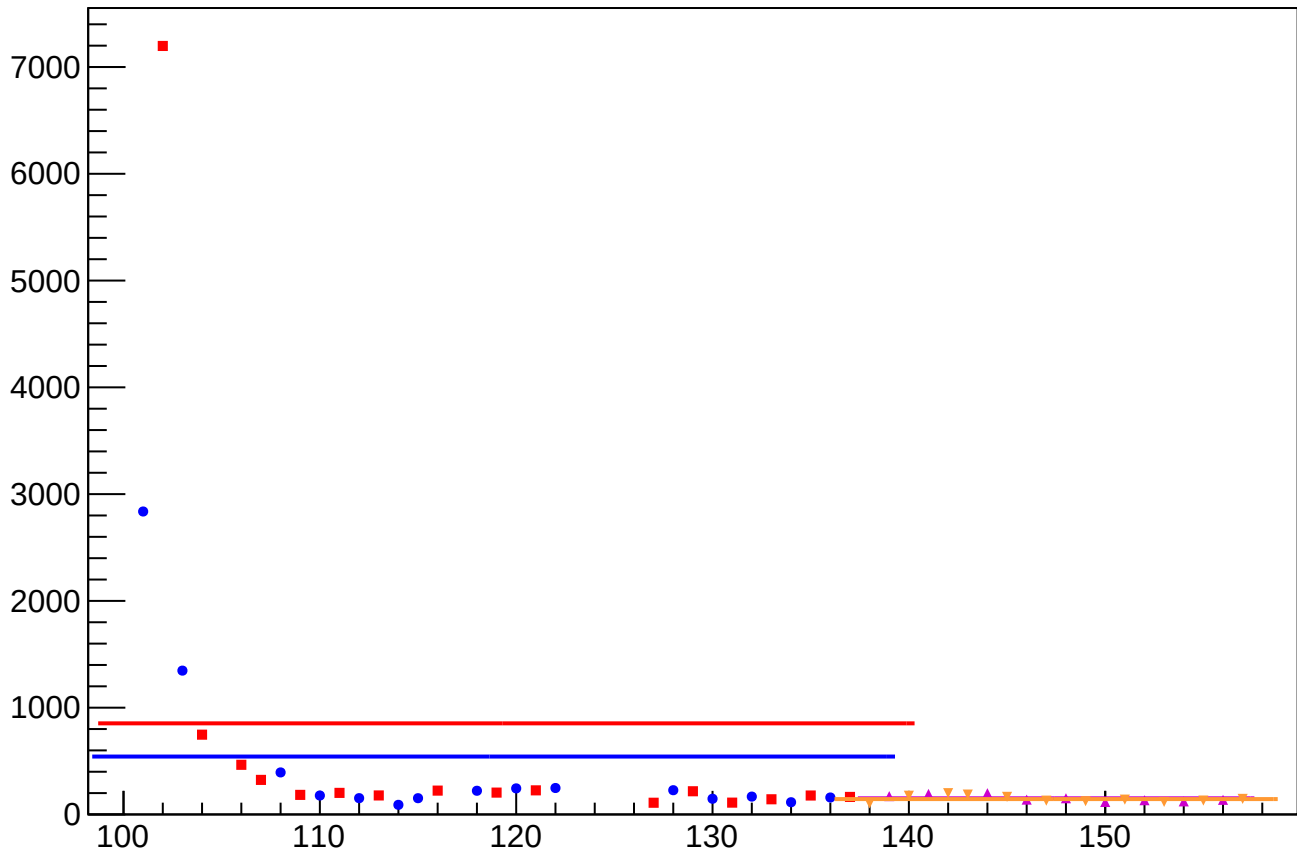
Left In: 698.349+/-0.000 χ^2/NDF : 35341007734496832683535800442944487424.0/8

+ sign 596.649+/-0.000 χ^2/NDF : 407636910601062

All: 530.951+/-0.000 χ^2/NDF : 271651970117

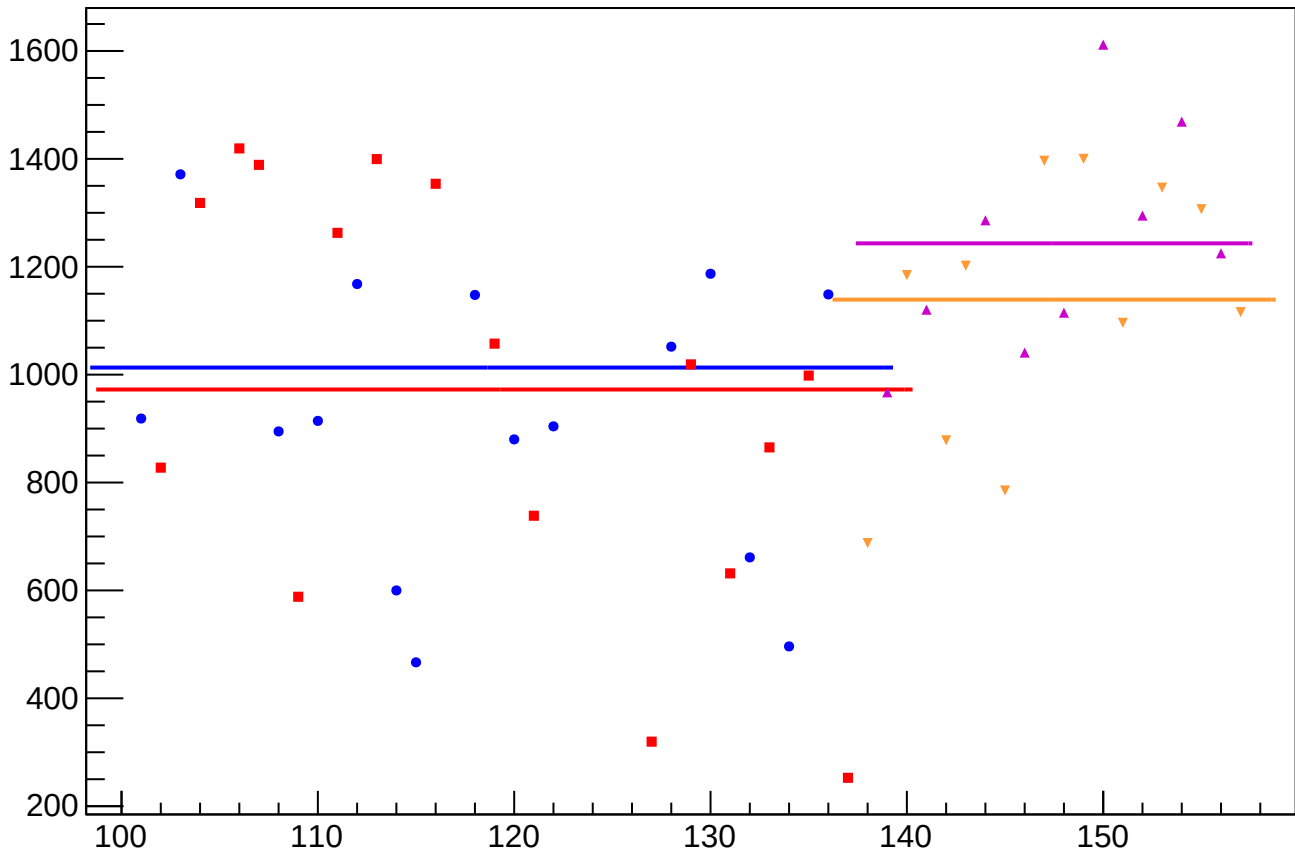
- sign 462.966+/-0.000 χ^2/NDF : 229583174517164

dit_atr1_coil6_err_mean vs Slug



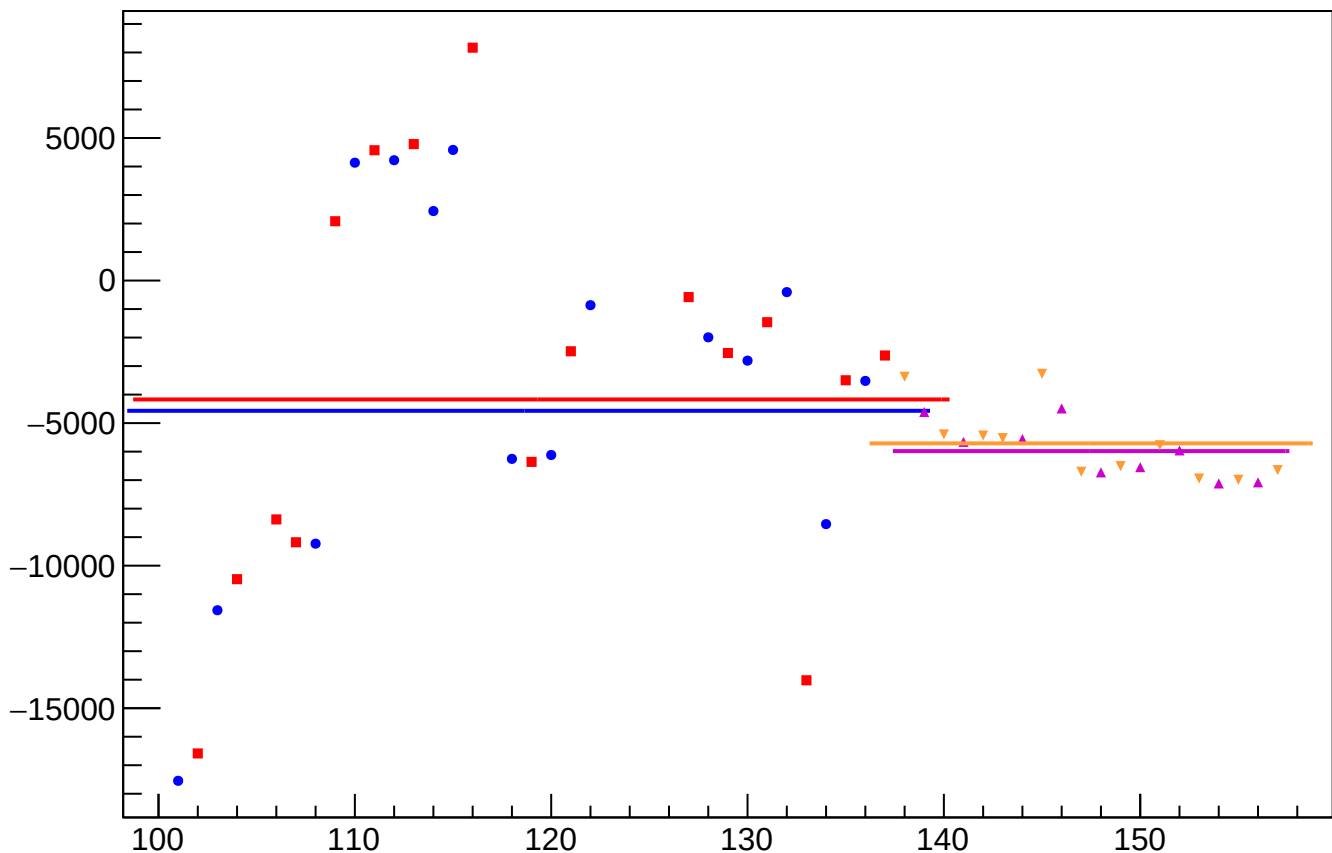
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Left Out: 143.994+/-0.000 χ^2/NDF : 632329557017071089499942033026973696.0/10
 Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Left In: 151.437+/-0.000 χ^2/NDF : 619165674311067364045791988144930816.0/8

dit_atr1_coil6_Ndata_mean vs Slug



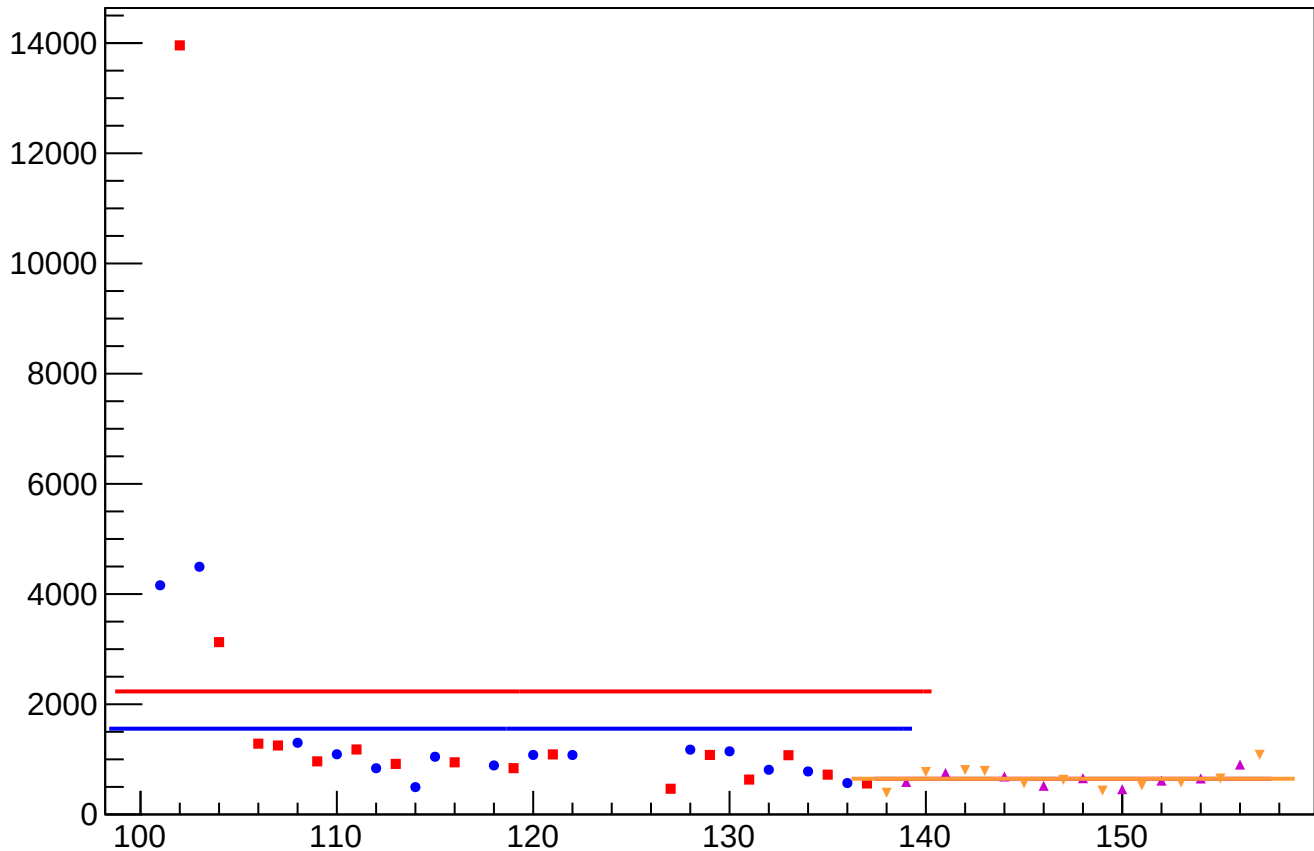
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1100.514+/-0.000	χ^2/NDF : 21956325065
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1117.539+/-0.000	χ^2/NDF : 13464645530852
Left In: 1243.371+/-0.000	χ^2/NDF : 29547926589439123965433812955611267072.0/8		

dit_atr2_coil6_mean vs Slug



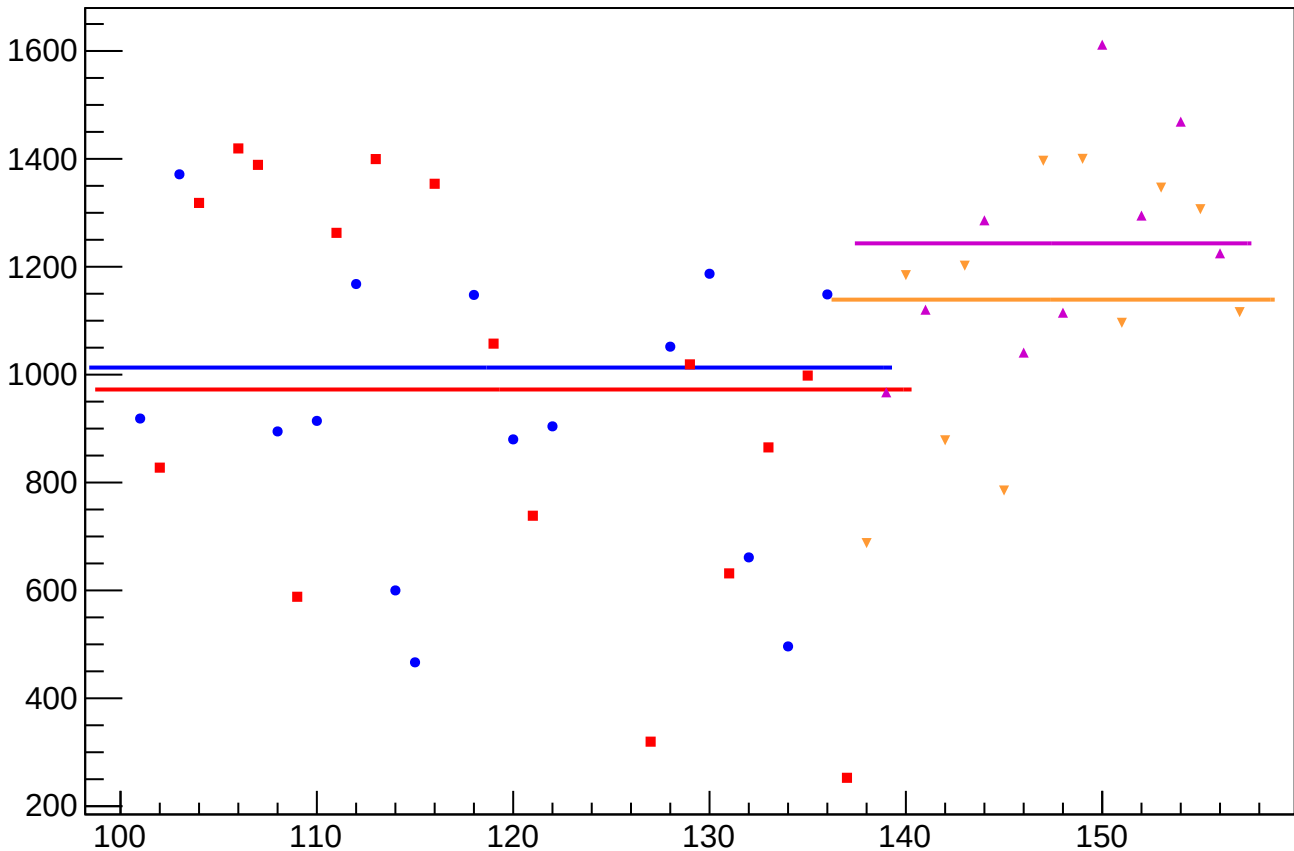
Right In: -4568.297 ± 0.000 $\chi^2/\text{NDF}: 24195052148165719540713110921977756909568.0/14$
 Left Out: -5711.067 ± 0.000 $\chi^2/\text{NDF}: 1382603187278234857939004680891122319360.0/10$
 Right Out: -4170.773 ± 0.000 $\chi^2/\text{NDF}: 30967248832187912041113909559481103024128.0/15$
 Left In: -5981.512 ± 0.000 $\chi^2/\text{NDF}: 649105035276506458535938118171905490944.0/8$

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: 647.036+/-0.000 χ^2/NDF : 11419312346483789134547196060280815616.0/8

dit_atr2_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: 1243.371+/-0.000

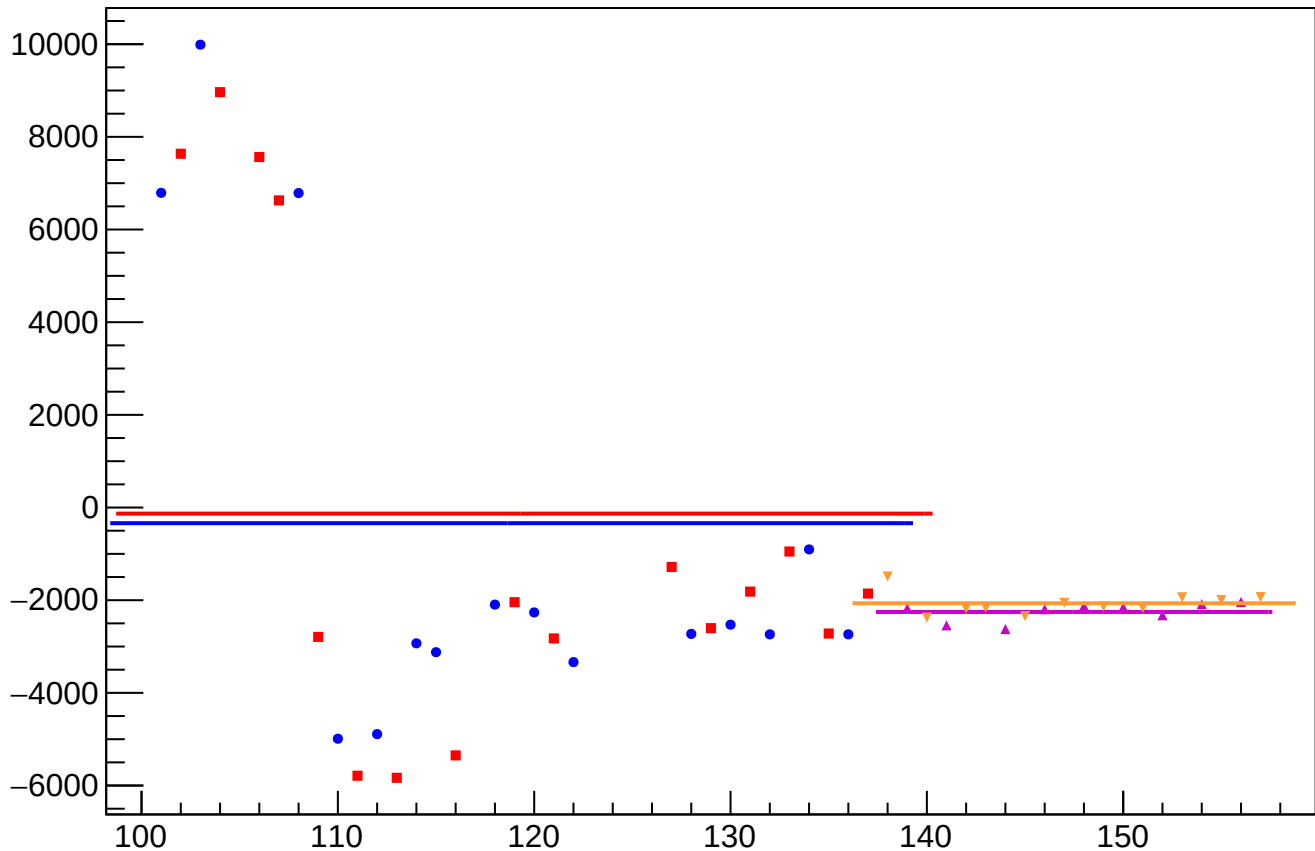
χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1100.514+/-0.000 χ^2/NDF : 21956325065

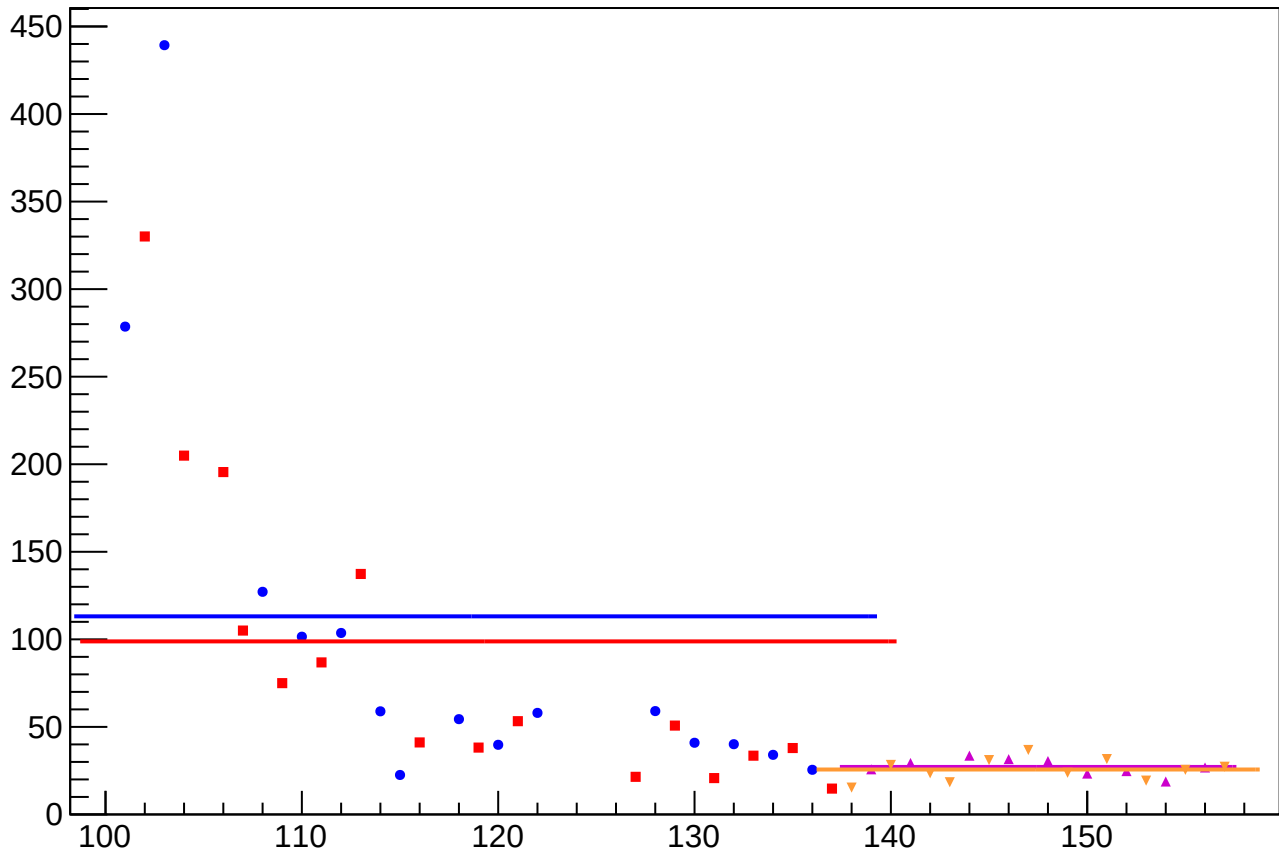
- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

dit_sam1_coil6_mean vs Slug



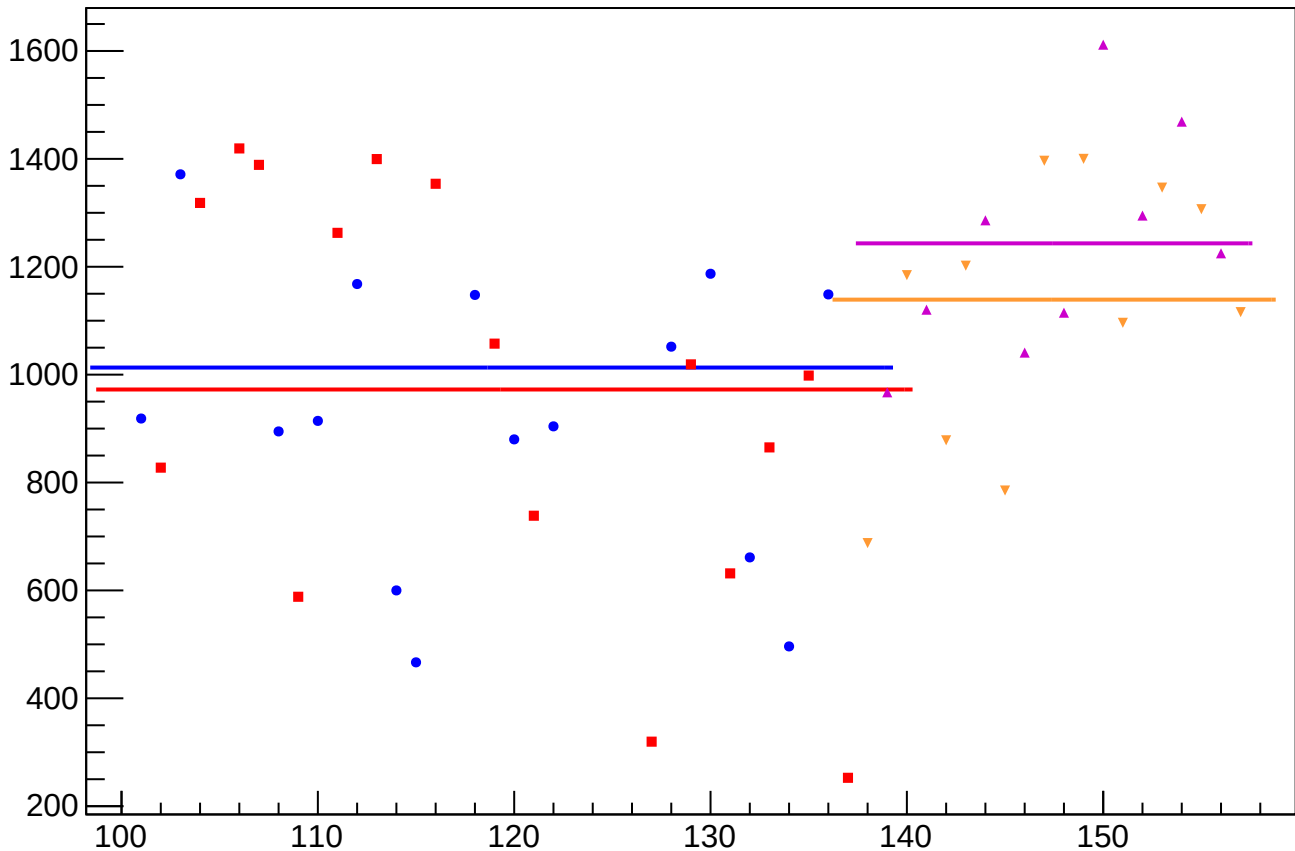
Right In: -337.865 ± 0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2065.919 ± 0.000 χ^2/NDF : 45744995429159598146878047265434370048.0/10
 Right Out: -131.545 ± 0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: -2253.774 ± 0.000 χ^2/NDF : 29015011421548225511266961626308280320.0/8

dit_sam1_coil6_err_mean vs Slug



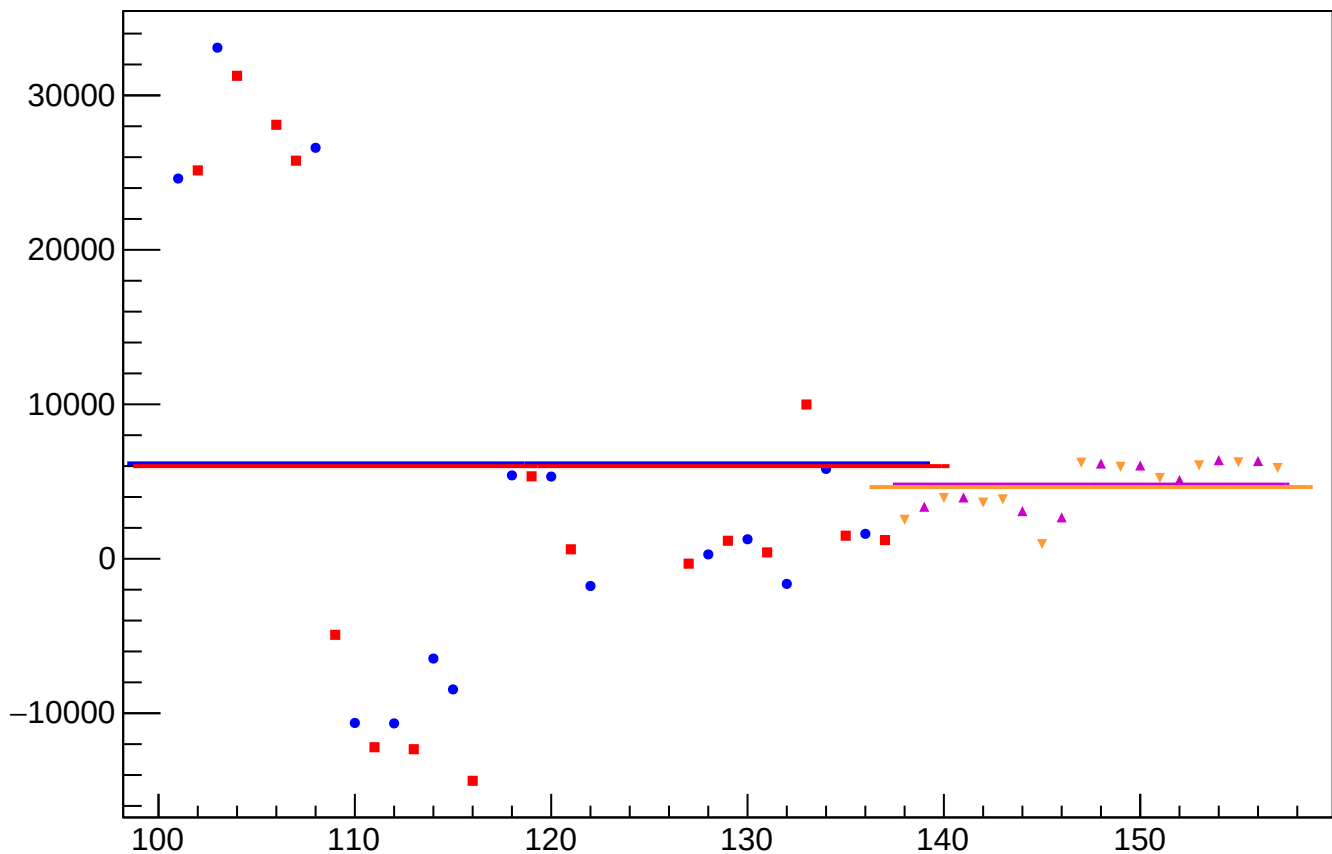
Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.669 $\pm$ 0.000 χ^2 /NDF: 31361391438445333975950955835817984.0/10
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 27.129 $\pm$ 0.000 χ^2 /NDF: 14829687610664854774038235933835264.0/8

dit_sam1_coil6_Ndata_mean vs Slug



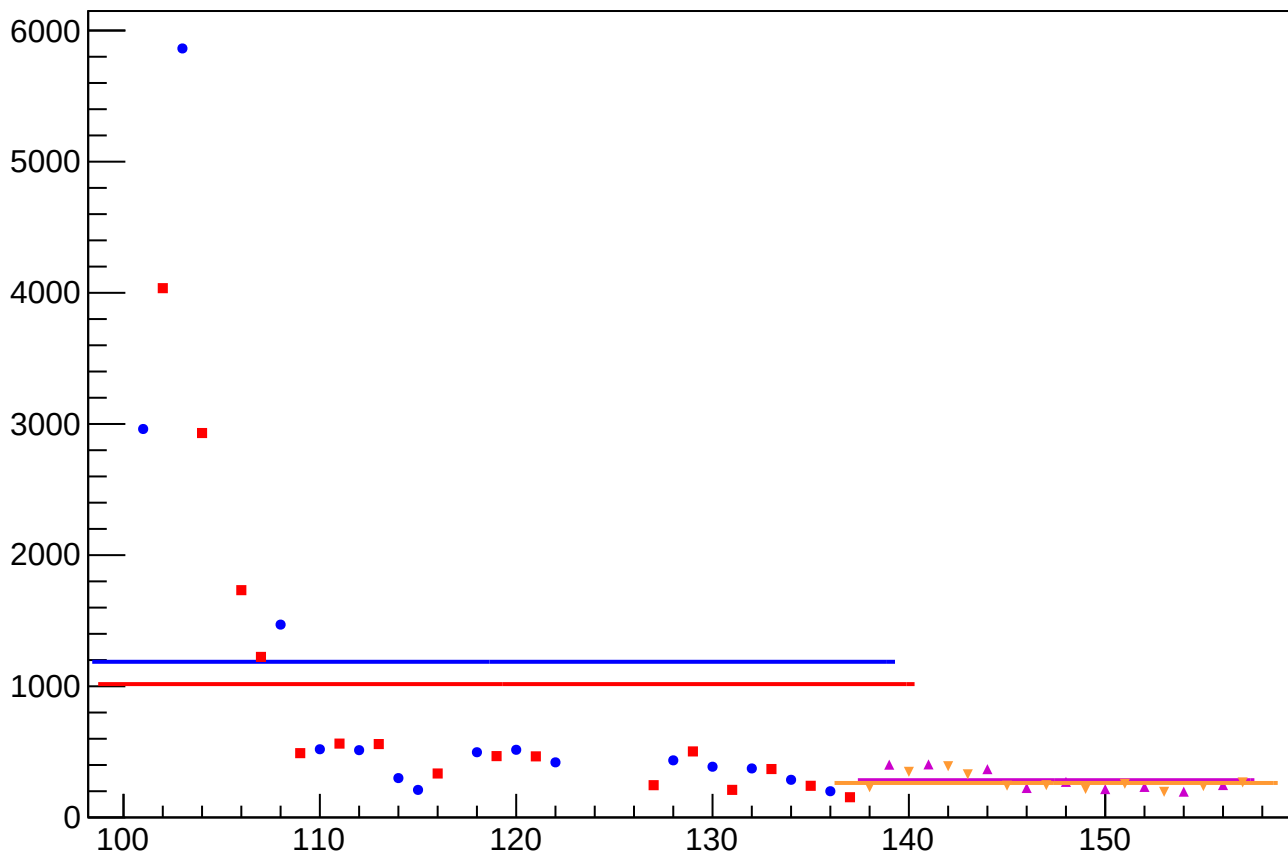
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1084.061+/-0.000	χ^2/NDF : 84098319642358
Left Out: 1139.048+/-0.000	χ^2/NDF : 46582594487916709604733486240874102784.0/10	All: 1100.514+/-0.000	χ^2/NDF : 21956325065
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1117.539+/-0.000	χ^2/NDF : 13464645530852
Left In: 1243.371+/-0.000	χ^2/NDF : 29547926589439123965433812955611267072.0/8		

dit_sam2_coil6_mean vs Slug



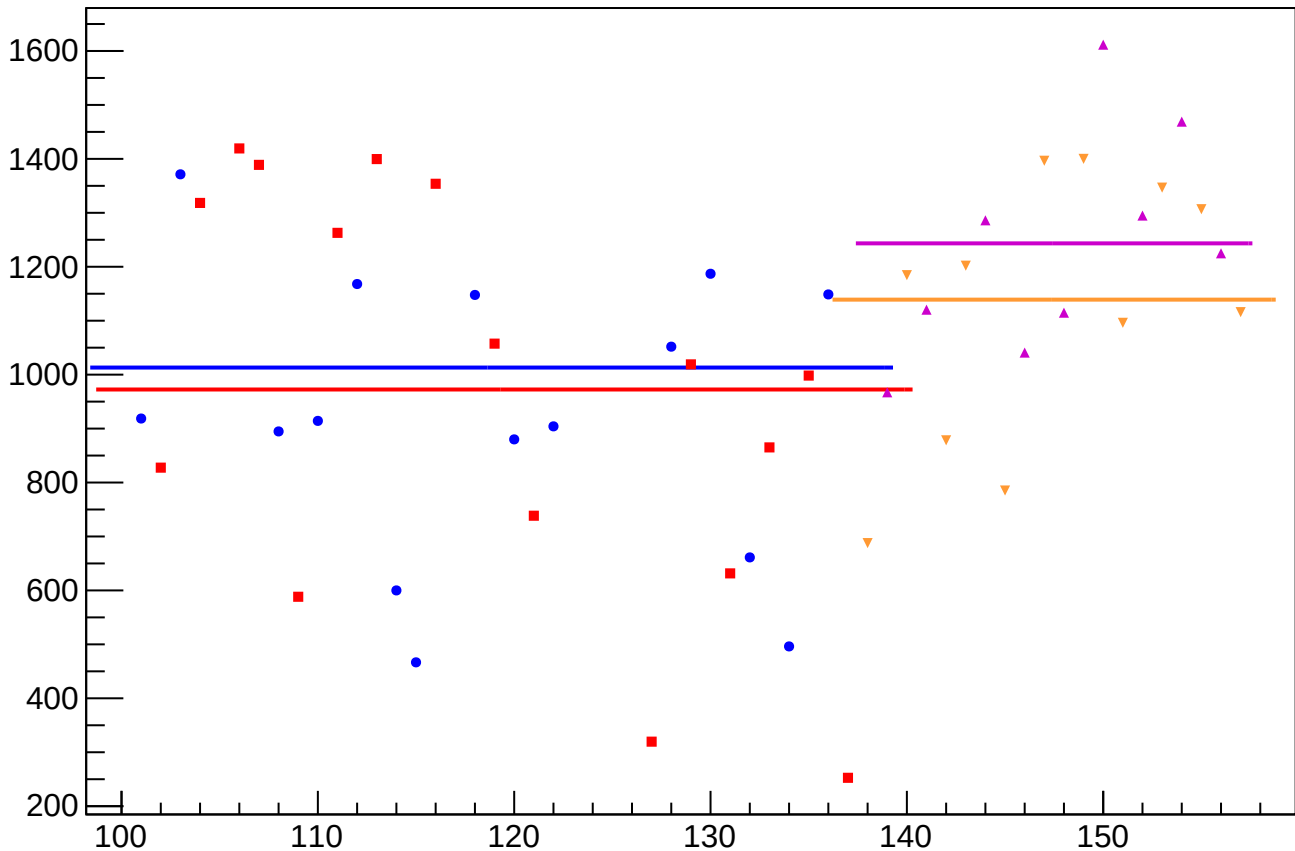
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4644.462+/-0.000 χ^2/NDF : 2444694000734007243634465261938192416768.0/10
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4803.367+/-0.000 χ^2/NDF : 1573484264489573355428913975903542837248.0/8

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 262.971+/-0.000 χ^2/NDF : 2383740063457592215255340835556818944.0/10
 Right Out: 1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 284.054+/-0.000 χ^2/NDF : 4744968668201335453847267819177115648.0/8
 + sign 666.467+/-0.000 χ^2/NDF : 211086348406036
 All: 645.780+/-0.000 χ^2/NDF : 323629309315
 - sign 624.372+/-0.000 χ^2/NDF : 112413554799726

dit_sam2_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: 1243.371 +/- 0.000

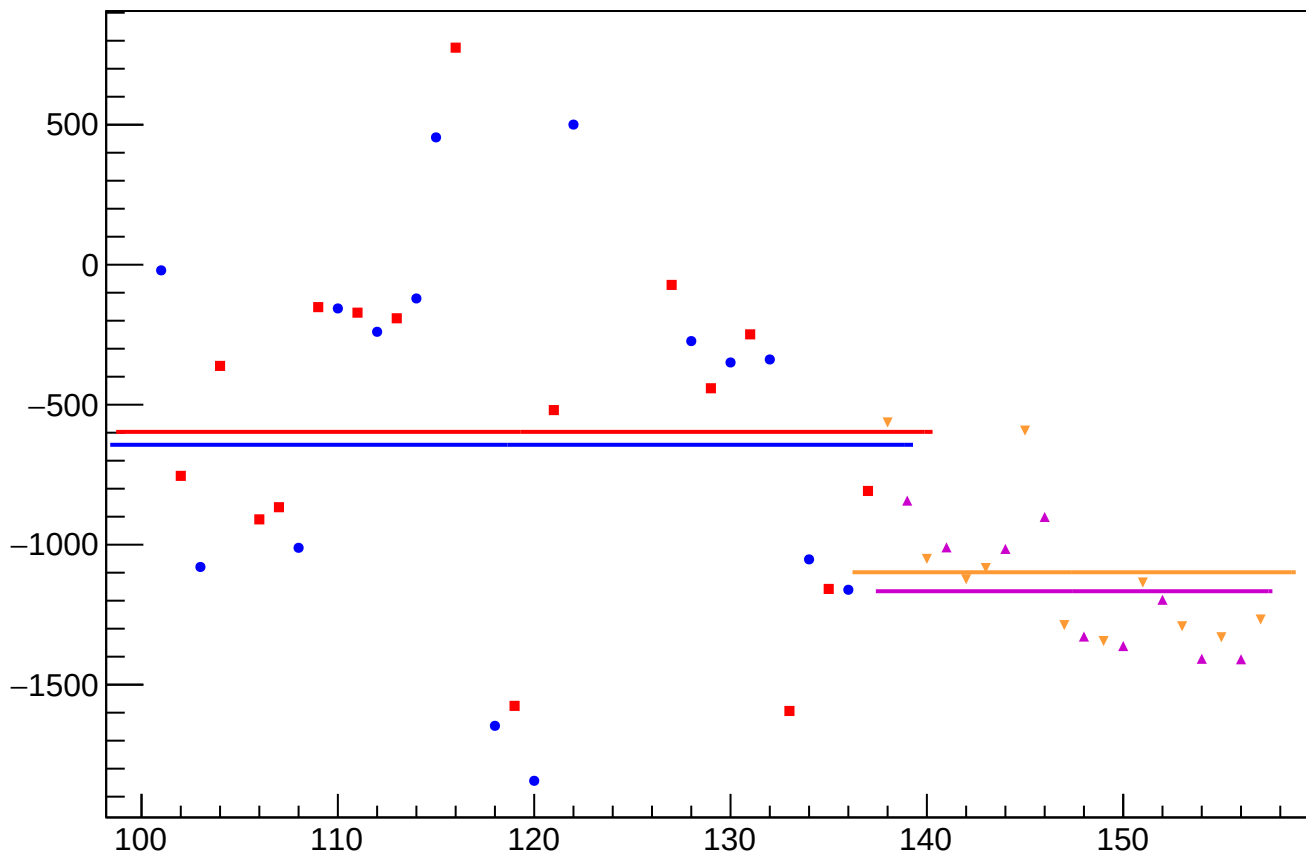
χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061 +/- 0.000 χ^2/NDF : 84098319642358

All: 1100.514 +/- 0.000 χ^2/NDF : 21956325065

- sign 1117.539 +/- 0.000 χ^2/NDF : 13464645530852

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

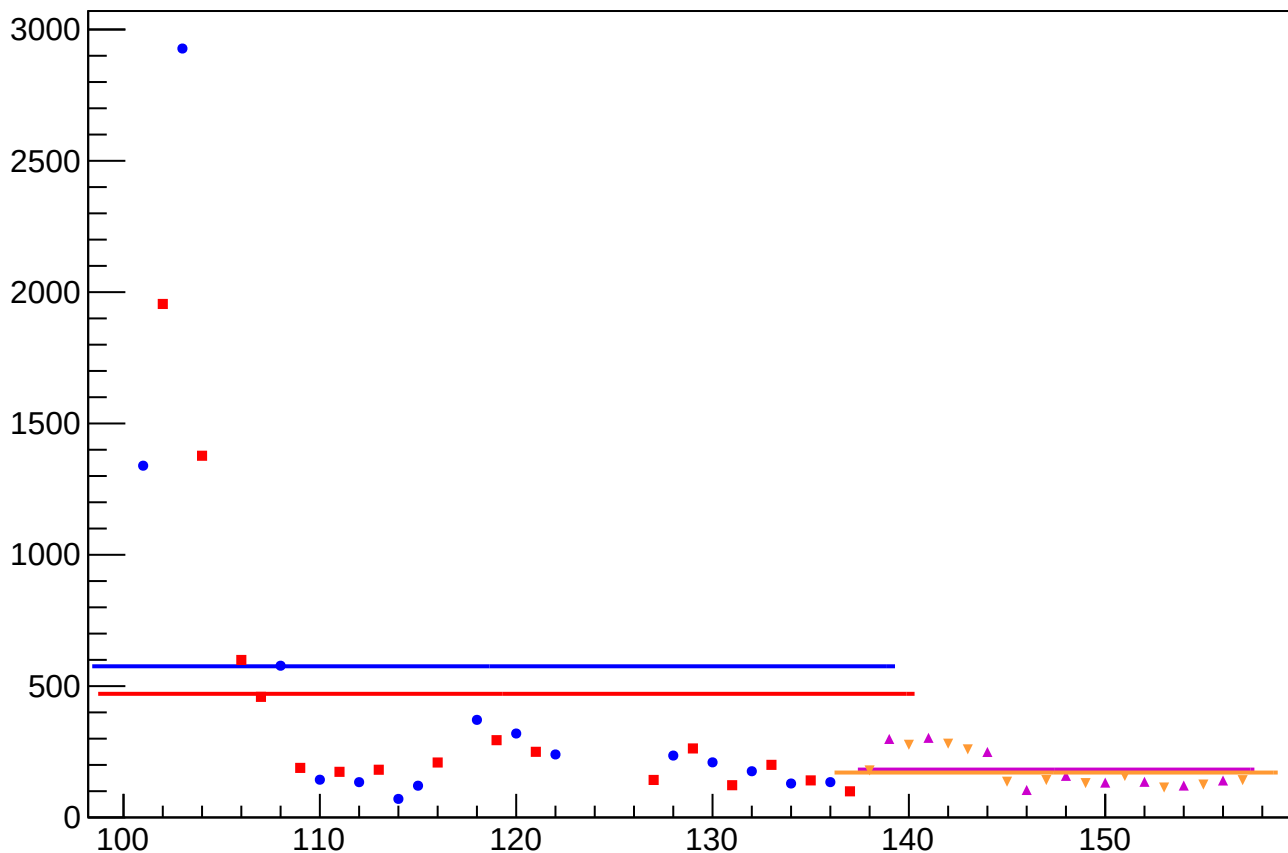
Left In: -1166.225+/-0.000 χ^2/NDF : 34119510747356042158891470875772583936.0/8

+ sign -899.648+/-0.000 χ^2/NDF : 40946469629658

All: -900.729+/-0.000 χ^2/NDF : 77003912633

- sign -901.849+/-0.000 χ^2/NDF : 360570891753023

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

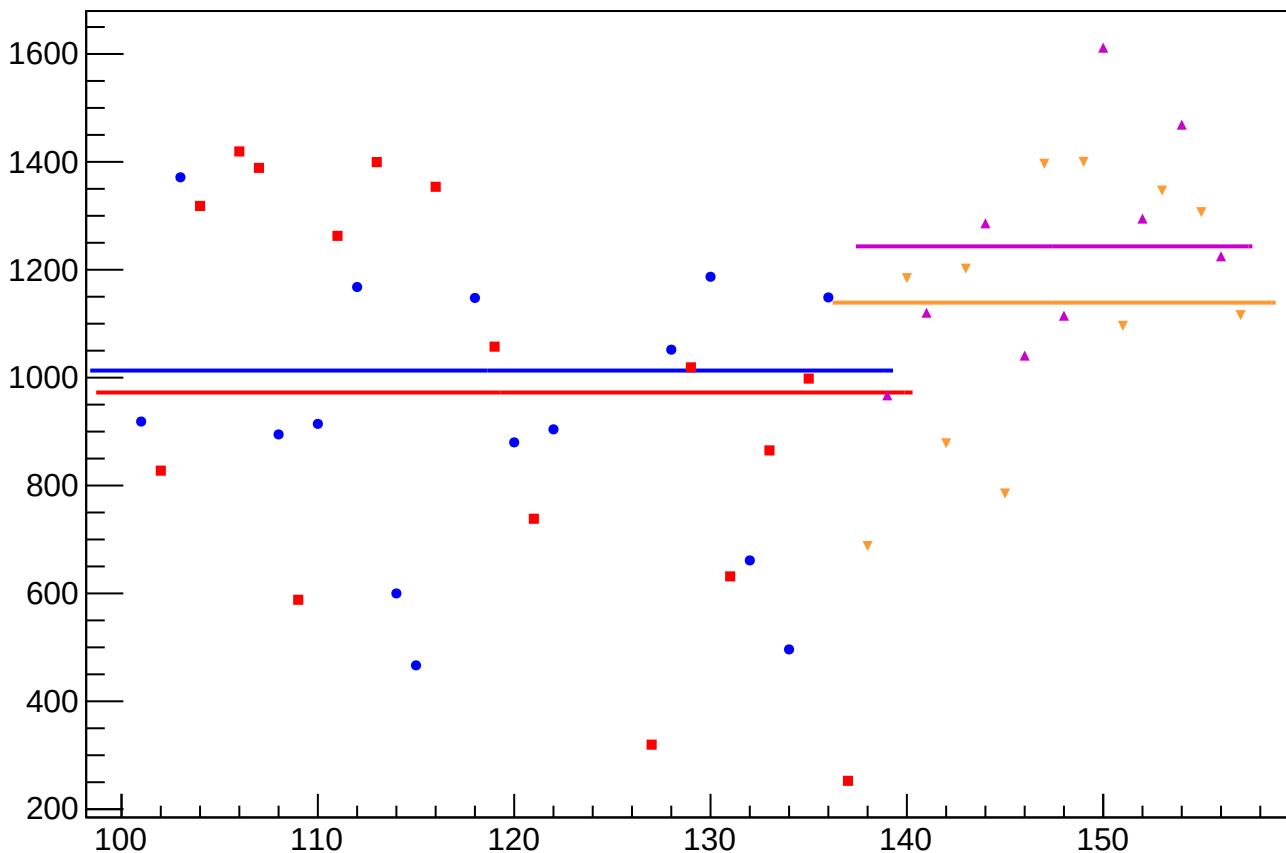
Left In: 182.242+/-0.000 χ^2/NDF : 4172792554513395968912023681792737280.0/8

+ sign 347.669+/-0.000 χ^2/NDF : 495323113840761

All: 332.220+/-0.000 χ^2/NDF : 73925236278

- sign 316.234+/-0.000 χ^2/NDF : 243207608801388

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1139.048 $\pm$ 0.000 χ^2 /NDF: 46582594487916709604733486240874102784.0/10

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

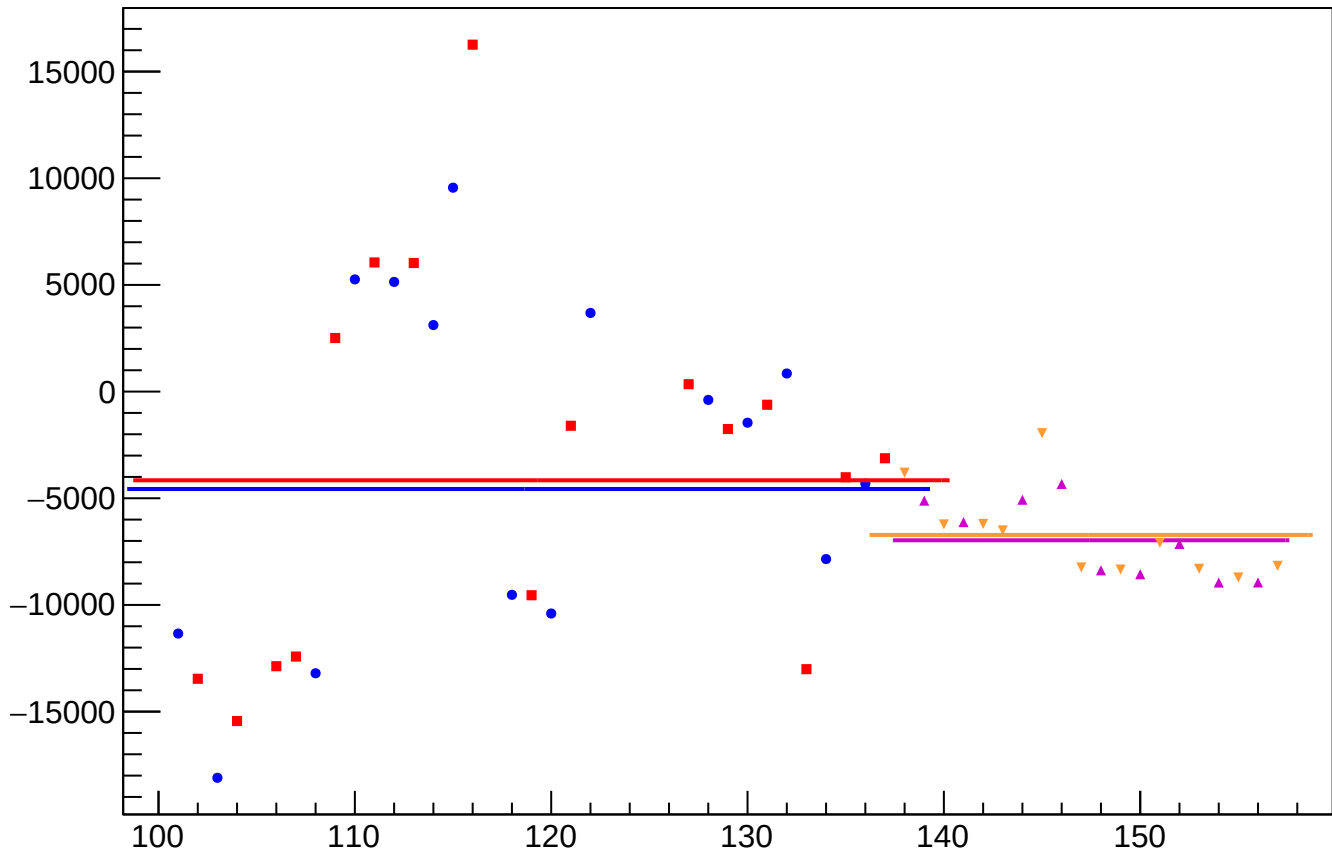
Left In: 1243.371 $\pm$ 0.000 χ^2 /NDF: 29547926589439123965433812955611267072.0/8

+ sign 1084.061 $\pm$ 0.000 χ^2 /NDF: 84098319642358

All: 1100.514 $\pm$ 0.000 χ^2 /NDF: 21956325065

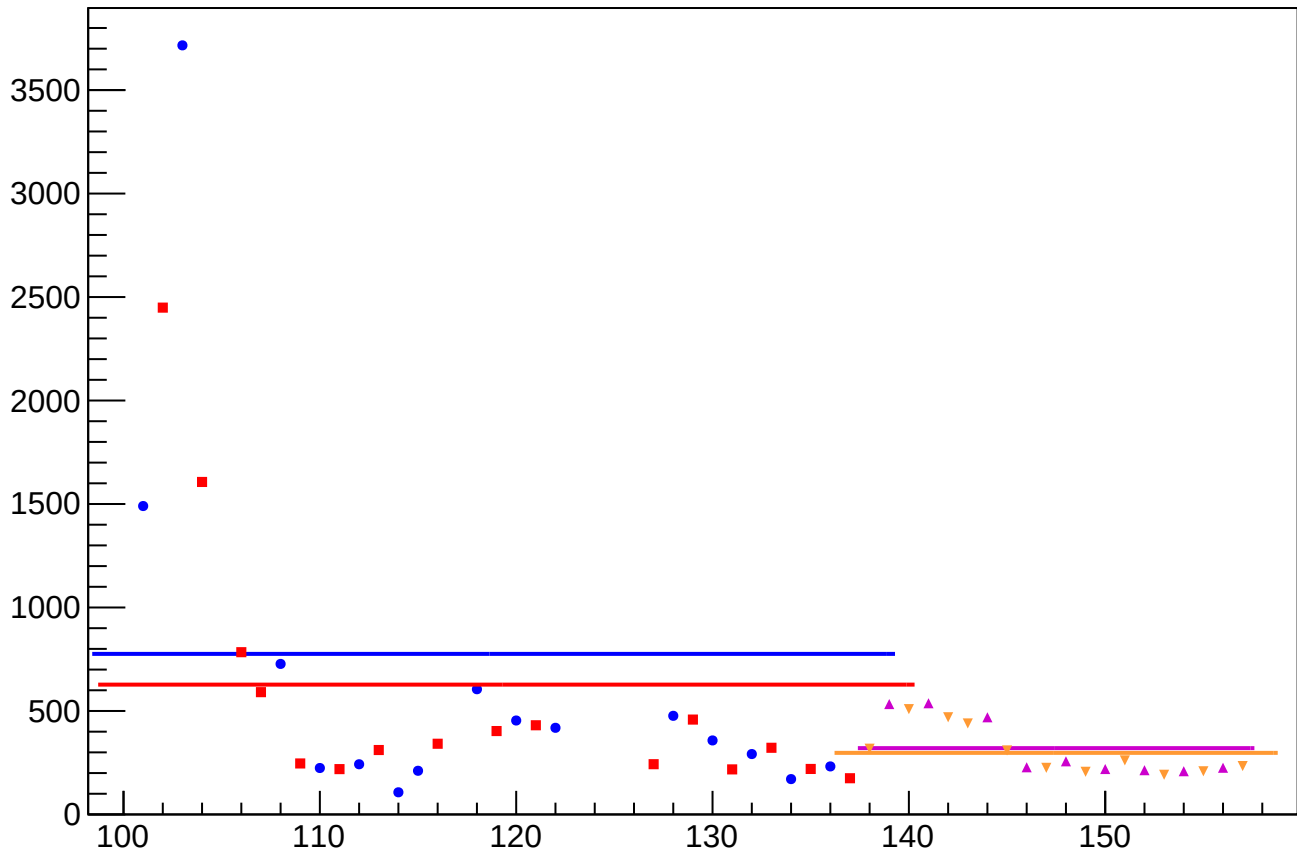
- sign 1117.539 $\pm$ 0.000 χ^2 /NDF: 13464645530852

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: -6969.861 ± 0.000 χ^2/NDF : 2304089812085191944184041537597689823232.0/8

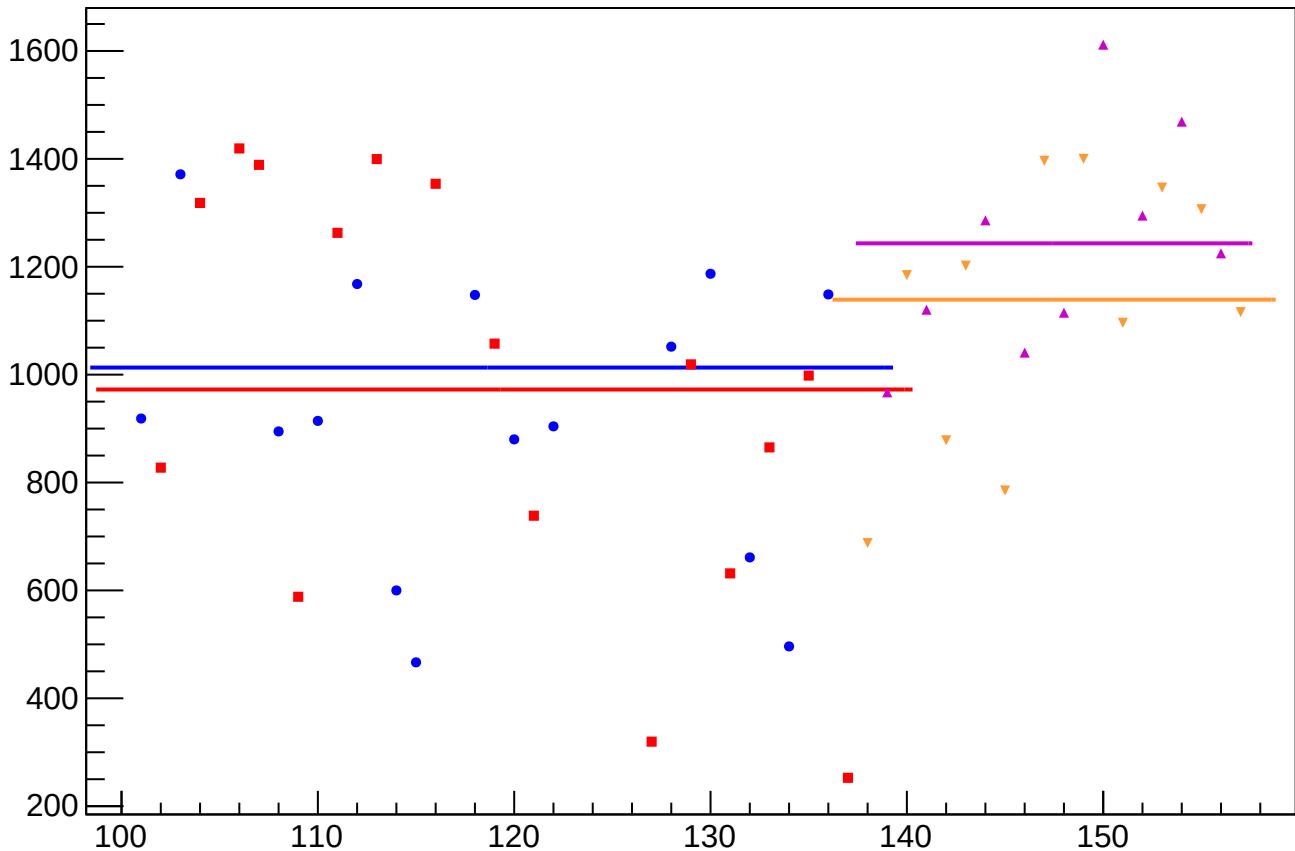
dit_sam4_coil6_err_mean vs Slug



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: 320.424+/-0.000 χ^2/NDF : 14440584889106055477149504332453904384.0/8

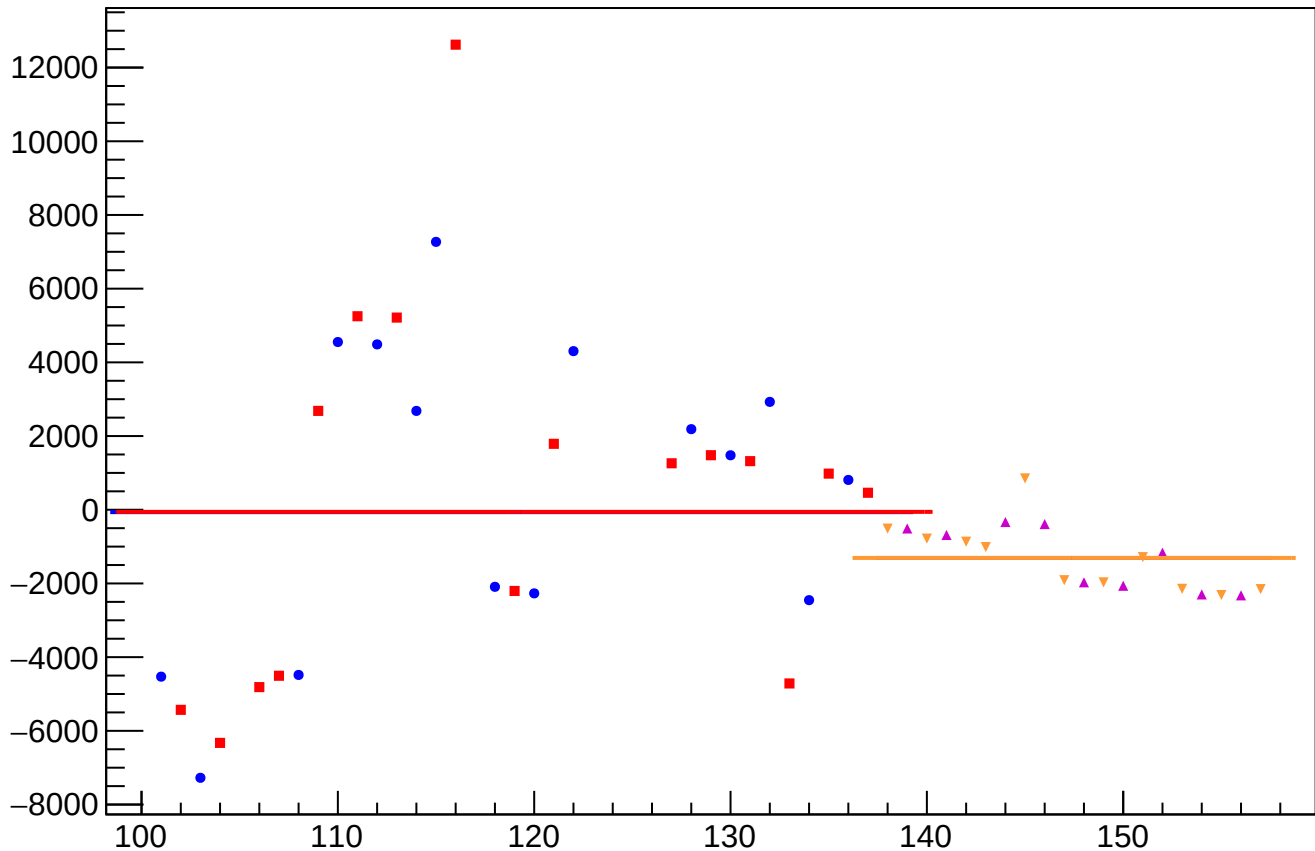
+ sign 506.463+/-0.000 χ^2/NDF : 734992667664005
 All: 485.089+/-0.000 χ^2/NDF : 108197294719
 - sign 462.970+/-0.000 χ^2/NDF : 345598847435307

dit_sam4_coil6_Ndata_mean vs Slug



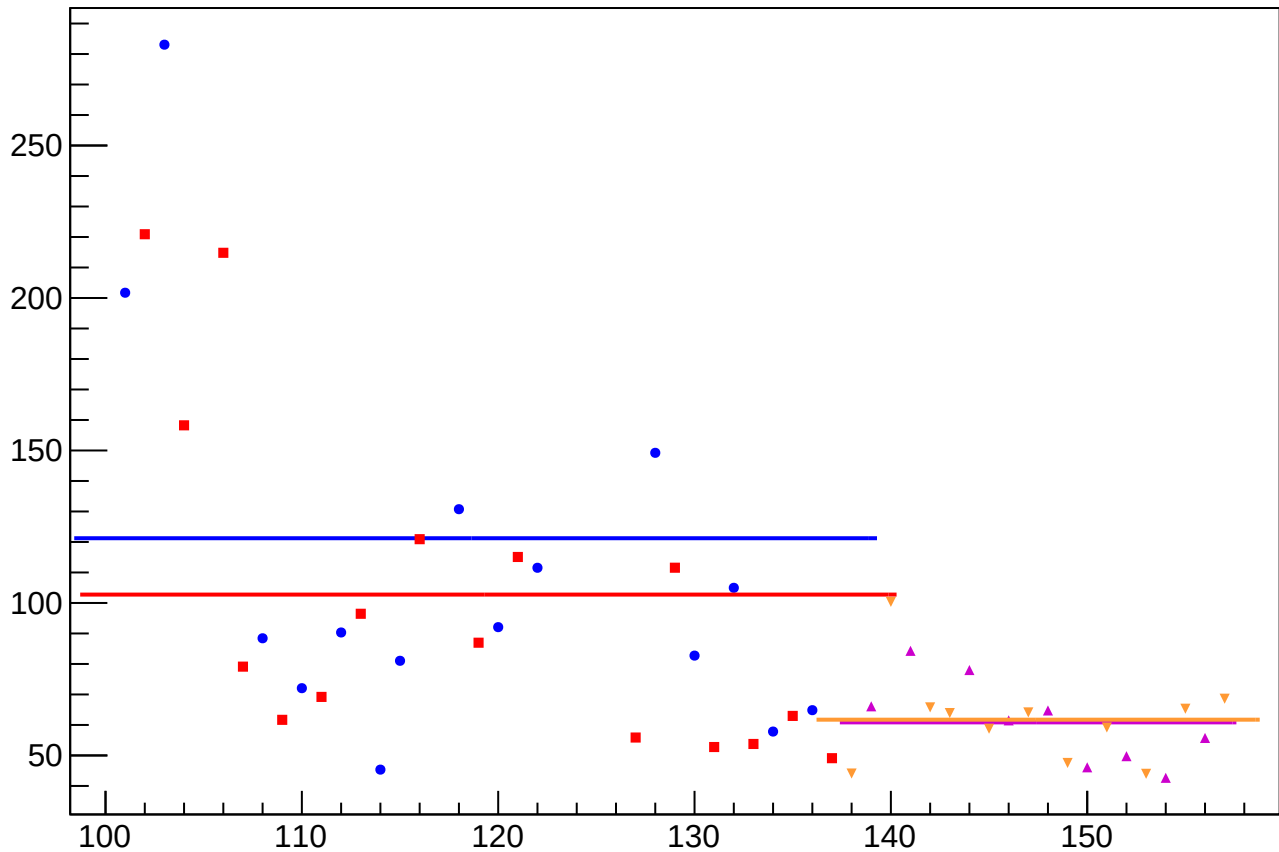
Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1139.048 +/- 0.000 χ^2/NDF : 46582594487916709604733486240874102784.0/10
 Right Out: 972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1243.371 +/- 0.000 χ^2/NDF : 29547926589439123965433812955611267072.0/8
 + sign 1084.061 +/- 0.000 χ^2/NDF : 84098319642358
 - sign 1117.539 +/- 0.000 χ^2/NDF : 13464645530852
 All: 1100.514 +/- 0.000 χ^2/NDF : 21956325065

dit_sam5_coil6_mean vs Slug



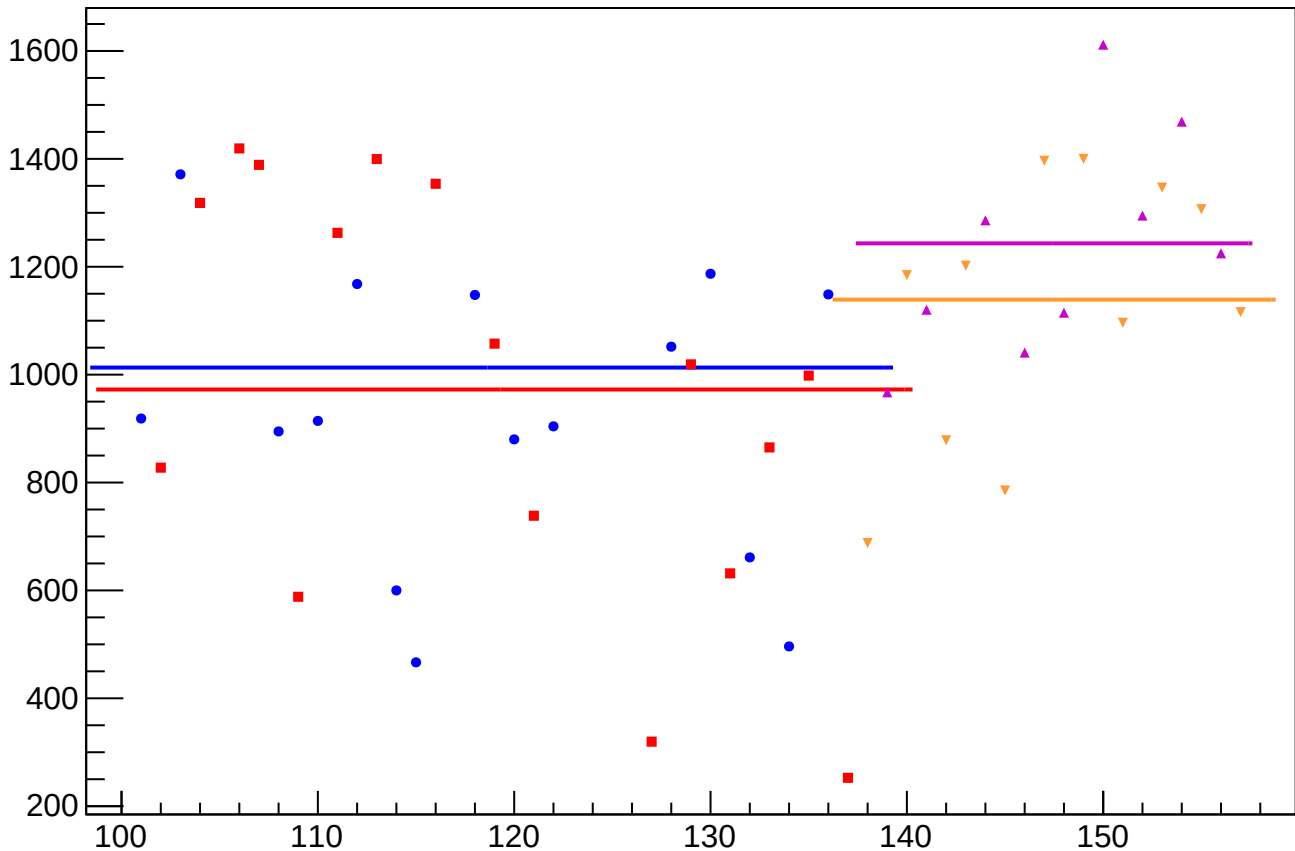
Right In: -64.751 ± 0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Left Out: -1307.429 ± 0.000 χ^2/NDF : 726815614909090253709419208644428300288.0/10
 Right Out: -57.229 ± 0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
 Left In: -1308.075 ± 0.000 χ^2/NDF : 499943038781275831202200037522103336960.0/8

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: 60.847+/-0.000 χ^2/NDF : 138477254928679776453118534575194112.0/8
 All: 84.076+/-0.000 χ^2/NDF : 6988379703594
 + sign 87.716+/-0.000 χ^2/NDF : 4215032536795907
 - sign 80.310+/-0.000 χ^2/NDF : 2733292678125376

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000

Left Out: 1139.048 $\pm$ 0.000

Right Out: 972.465 $\pm$ 0.000

Left In: 1243.371 $\pm$ 0.000

χ^2 /NDF: 31721270909522099205936100724856324096.0/14

χ^2 /NDF: 46582594487916709604733486240874102784.0/10

χ^2 /NDF: 78884457200782655962756069915468234752.0/15

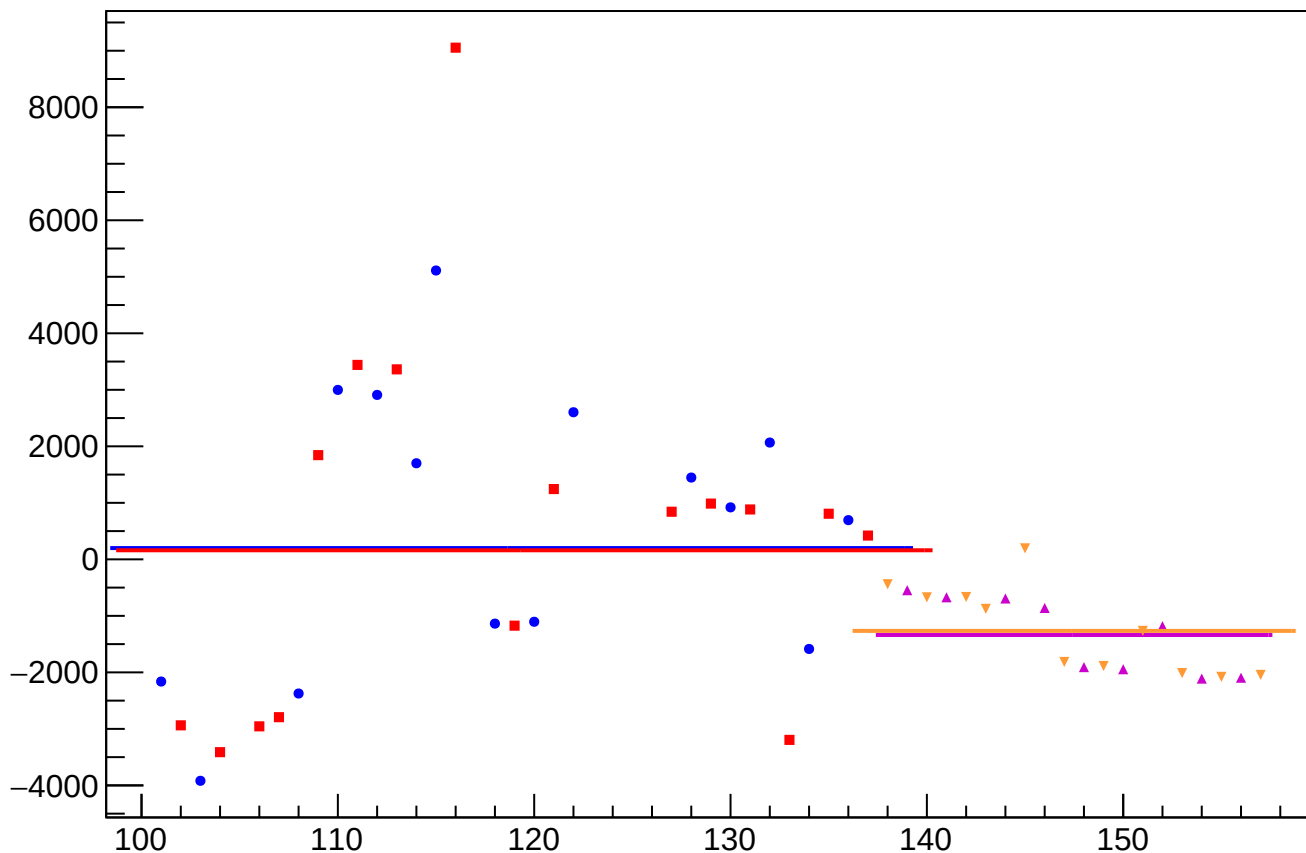
χ^2 /NDF: 29547926589439123965433812955611267072.0/8

+ sign 1084.061 $\pm$ 0.000 χ^2 /NDF: 84098319642358

All: 1100.514 $\pm$ 0.000 χ^2 /NDF: 21956325065

- sign 1117.539 $\pm$ 0.000 χ^2 /NDF: 13464645530852

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -1265.889+/-0.000 χ^2/NDF : 485779553794071623943229183441319755776.0/10

Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

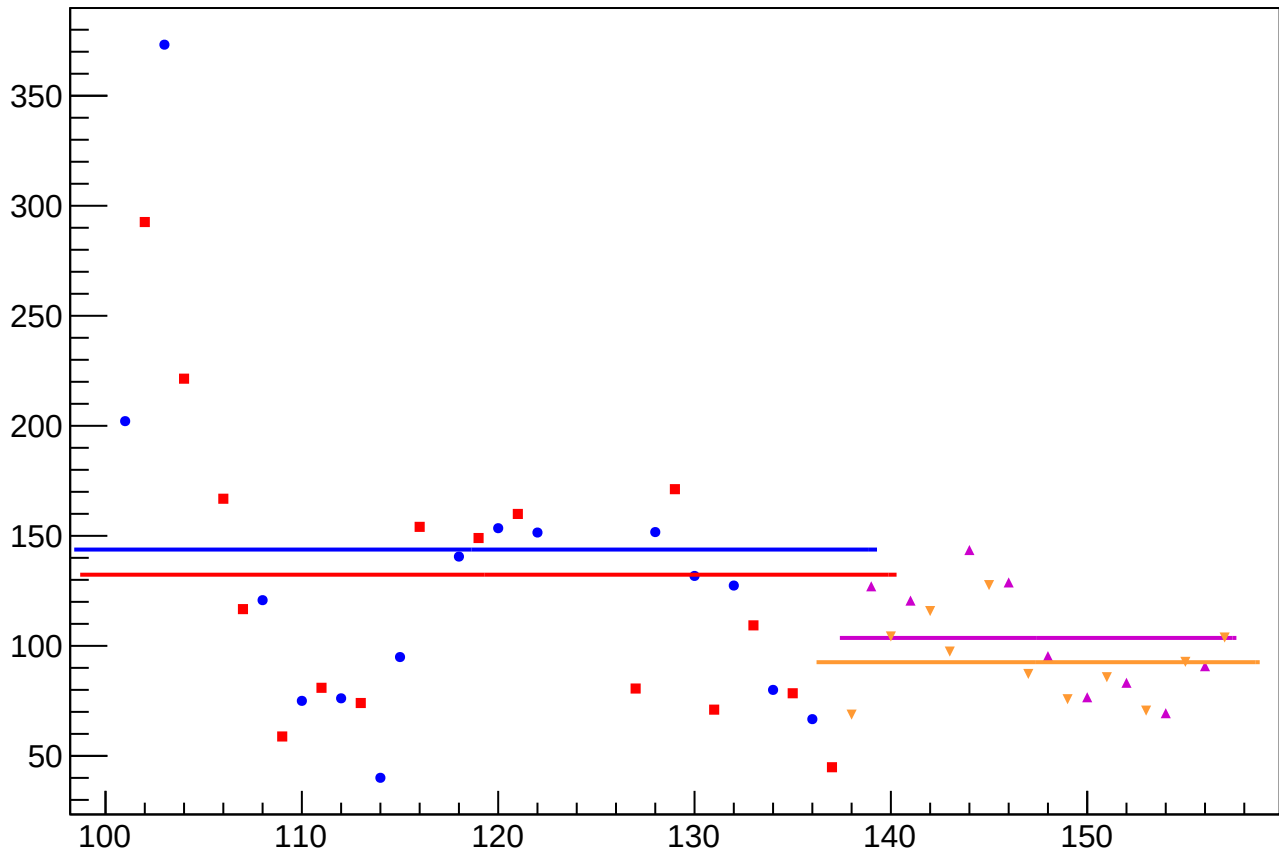
Left In: -1338.928+/-0.000 χ^2/NDF : 306261520078109272885883330949571149824.0/8

+ sign -625.889+/-0.000 χ^2/NDF : 45389201685146

All: -634.033+/-0.000 χ^2/NDF : 11329034128

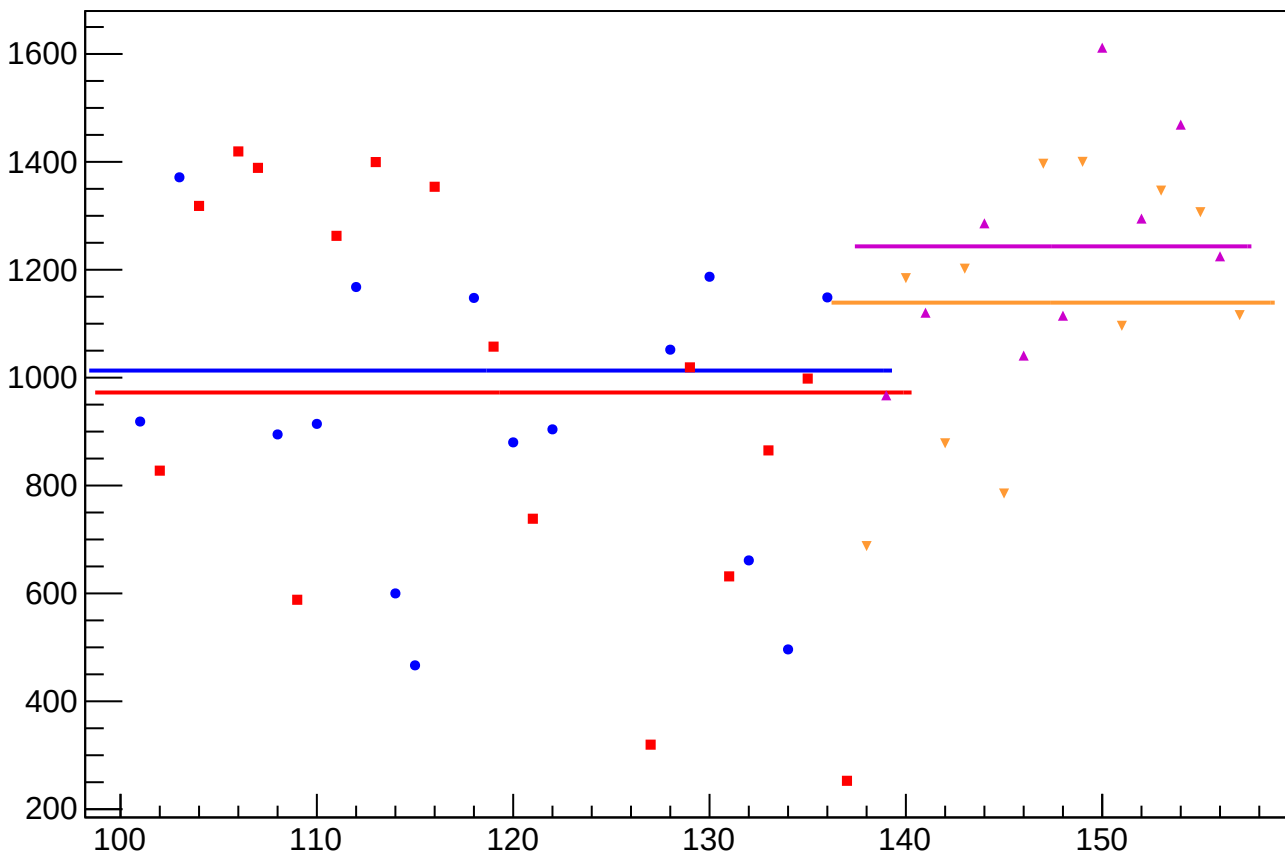
- sign -642.461+/-0.000 χ^2/NDF : 678991339882175

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: 103.604 $\pm$ 0.000 χ^2 /NDF: 489219817945364463984127422597431296.0/8
 + sign 114.934 $\pm$ 0.000 χ^2 /NDF: 573449778064343
 All: 115.925 $\pm$ 0.000 χ^2 /NDF: 969574352596
 - sign 116.952 $\pm$ 0.000 χ^2 /NDF: 395827142120686

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000

Left Out: 1139.048 $\pm$ 0.000

Right Out: 972.465 $\pm$ 0.000

Left In: 1243.371 $\pm$ 0.000

χ^2 /NDF: 31721270909522099205936100724856324096.0/14

χ^2 /NDF: 46582594487916709604733486240874102784.0/10

χ^2 /NDF: 78884457200782655962756069915468234752.0/15

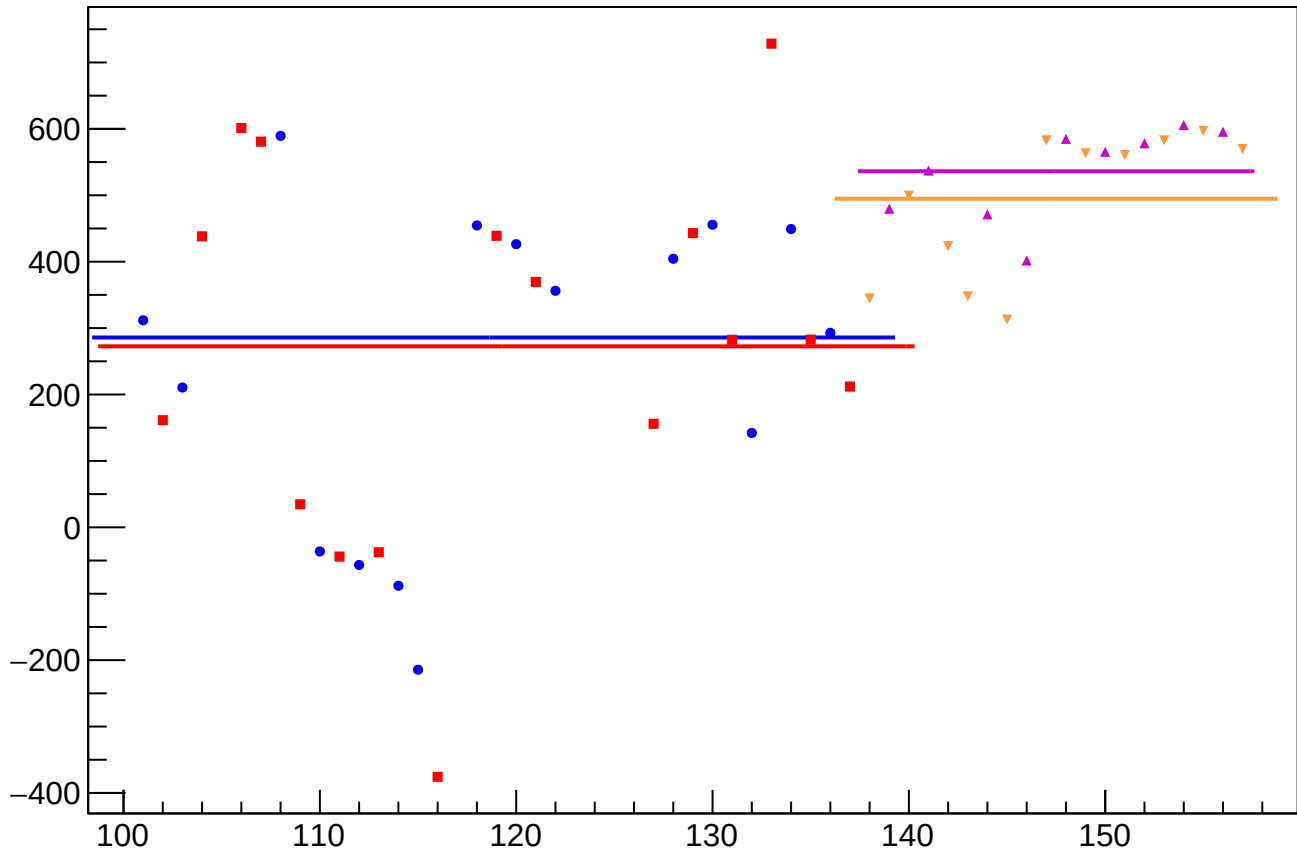
χ^2 /NDF: 29547926589439123965433812955611267072.0/8

+ sign 1084.061 $\pm$ 0.000 χ^2 /NDF: 84098319642358

All: 1100.514 $\pm$ 0.000 χ^2 /NDF: 21956325065

- sign 1117.539 $\pm$ 0.000 χ^2 /NDF: 13464645530852

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

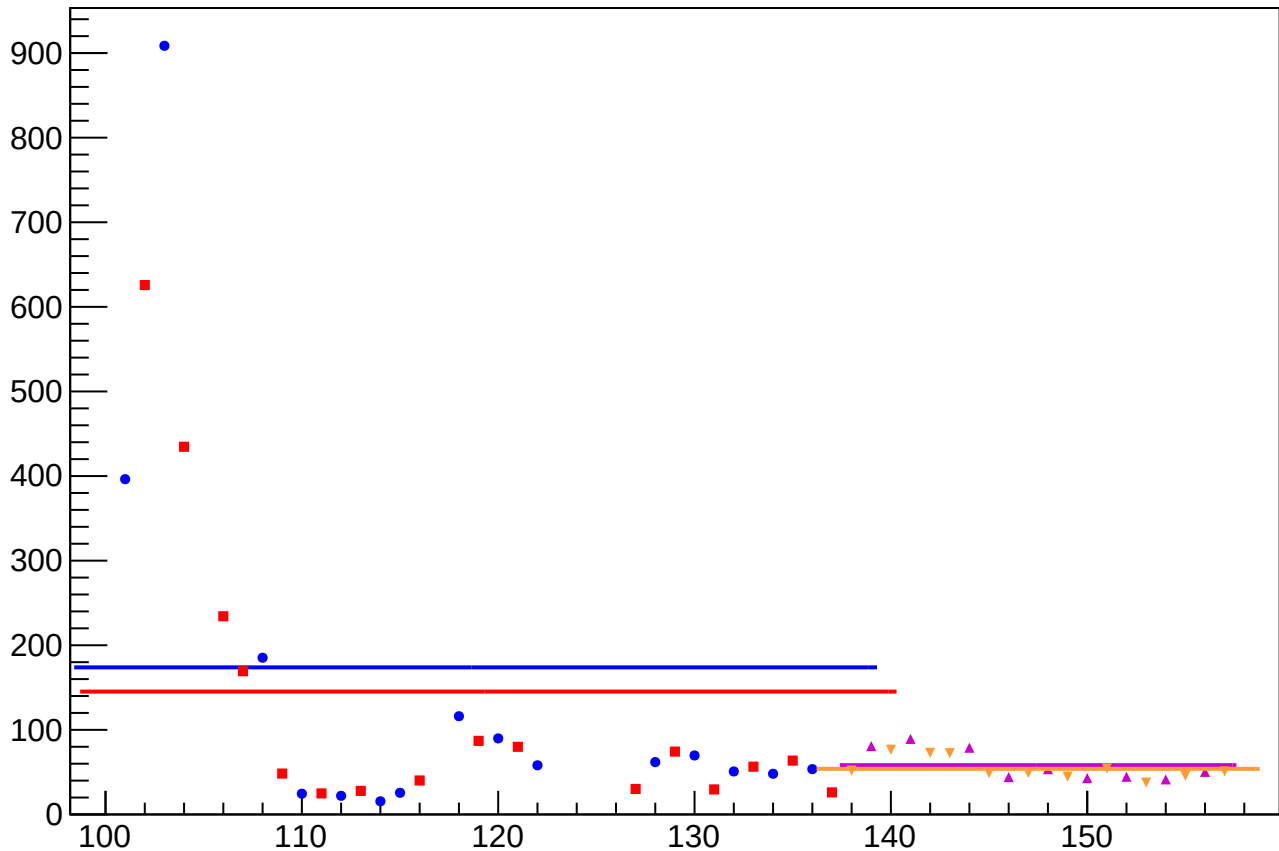
Left In: 536.176+/-0.000 χ^2/NDF : 3278264558240903008562279560003977216.0/8

+ sign 403.546+/-0.000 χ^2/NDF : 494654364636033

All: 408.546+/-0.000 χ^2/NDF : 121795460326

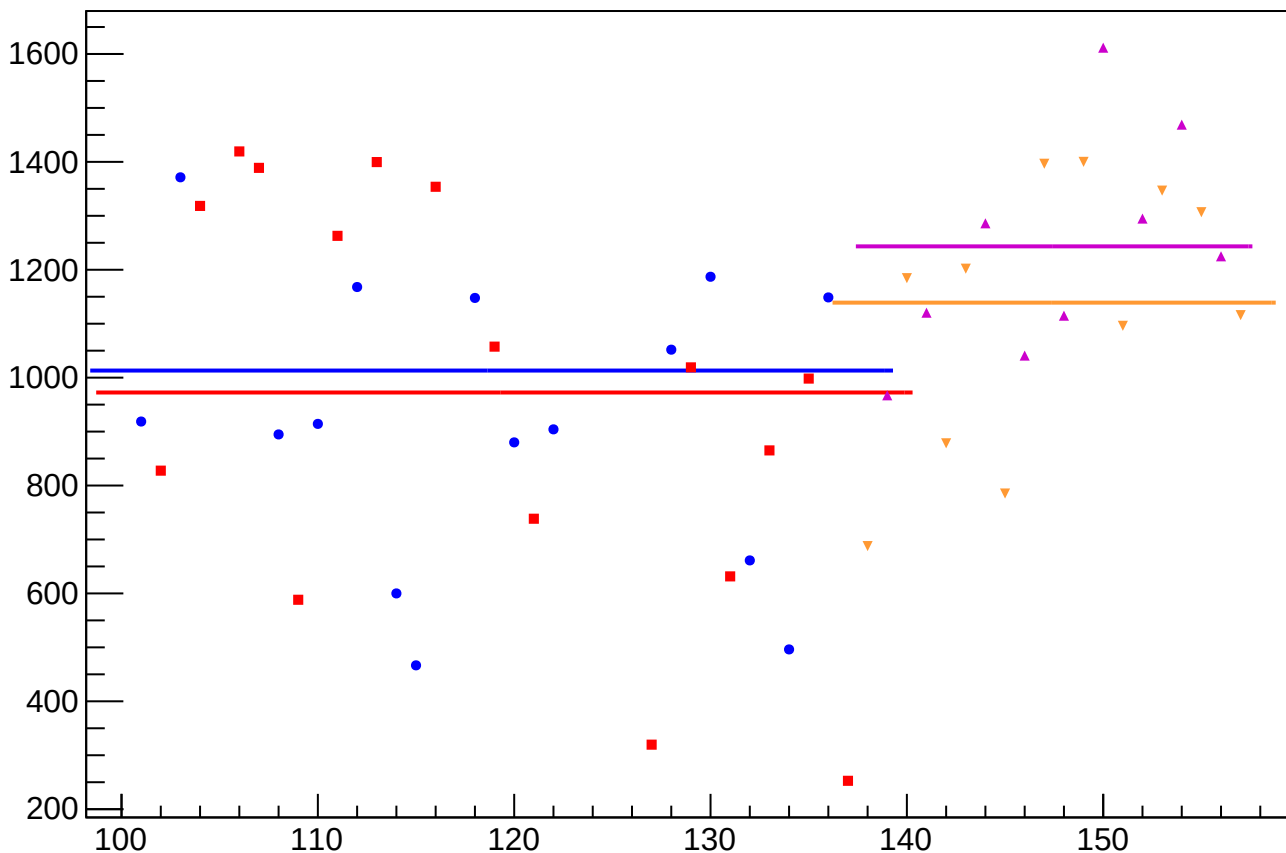
- sign 413.720+/-0.000 χ^2/NDF : 722544334652306

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: 58.297+/-0.000 χ^2/NDF : 246906724861488960652523879197048832.0/8

dit_sam7_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: 1243.371+/-0.000

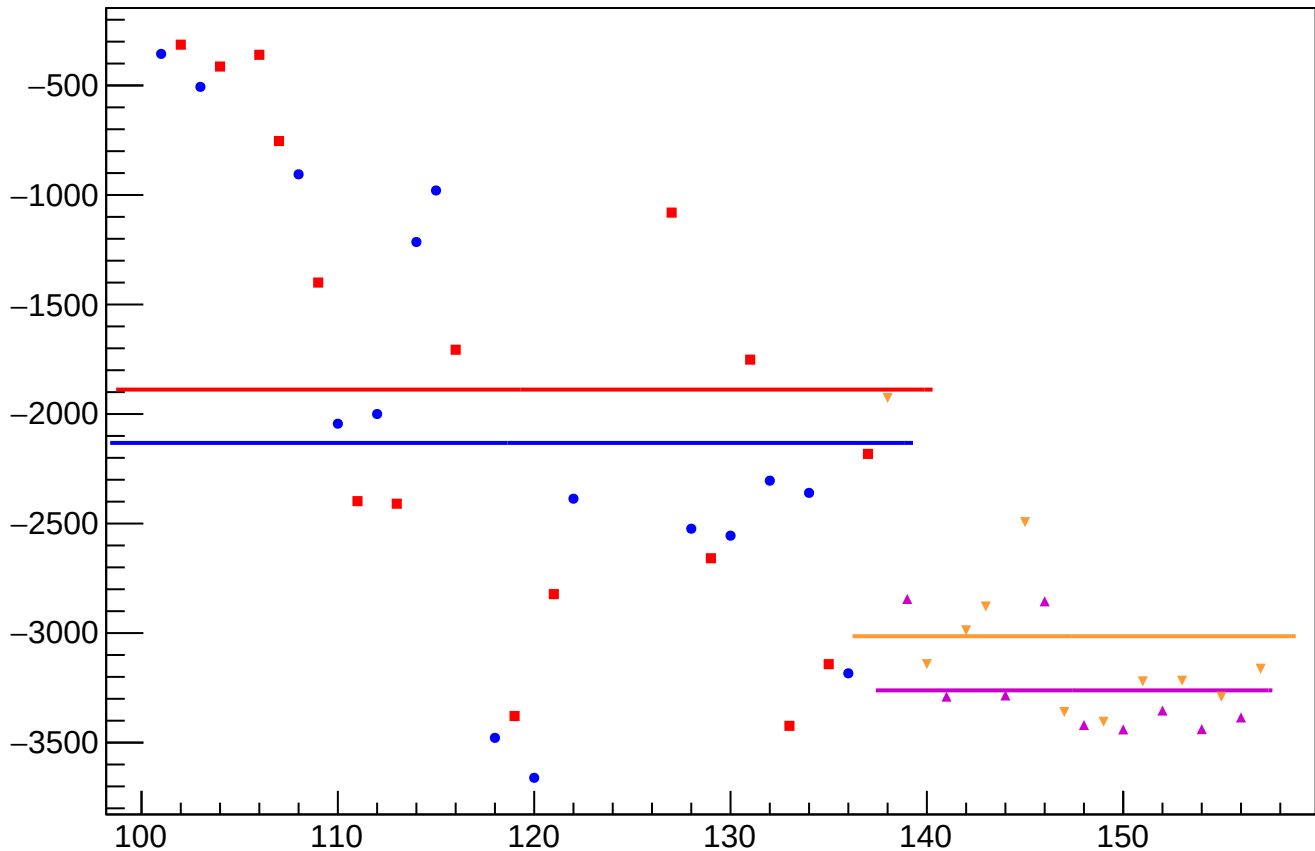
χ^2/NDF : 29547926589439123965433812955611267072.0/8

+ sign 1084.061+/-0.000 χ^2/NDF : 84098319642358

All: 1100.514+/-0.000 χ^2/NDF : 21956325065

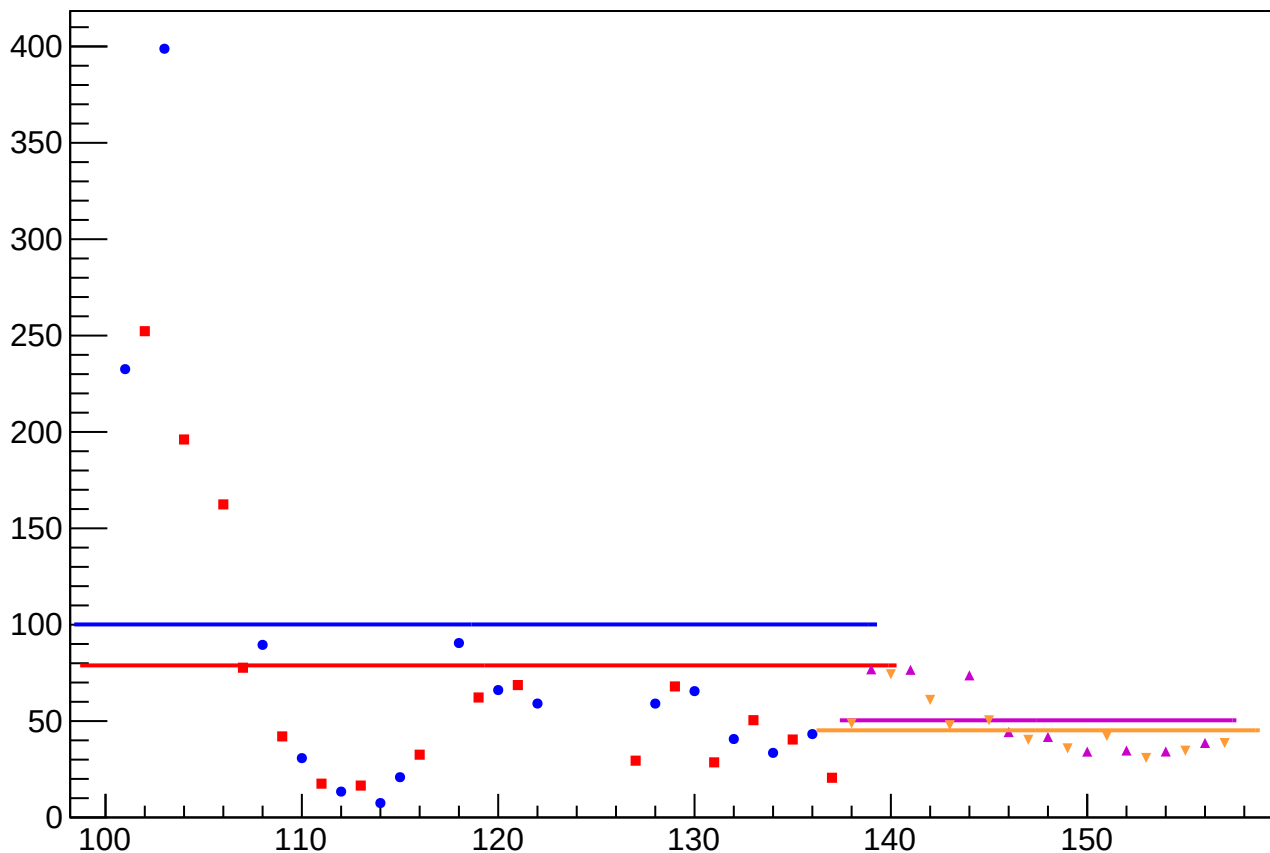
- sign 1117.539+/-0.000 χ^2/NDF : 13464645530852

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -3014.305+/-0.000 χ^2/NDF : 153607551133503338995024256853631565824.0/10
 Right Out: -1888.448+/-0.000 χ^2/NDF : 791986665551980691032719862611769819136.0/15
 Left In: -3261.593+/-0.000 χ^2/NDF : 37674888368625027183856941561318211584.0/8

dit_sam8_coil6_err_mean vs Slug



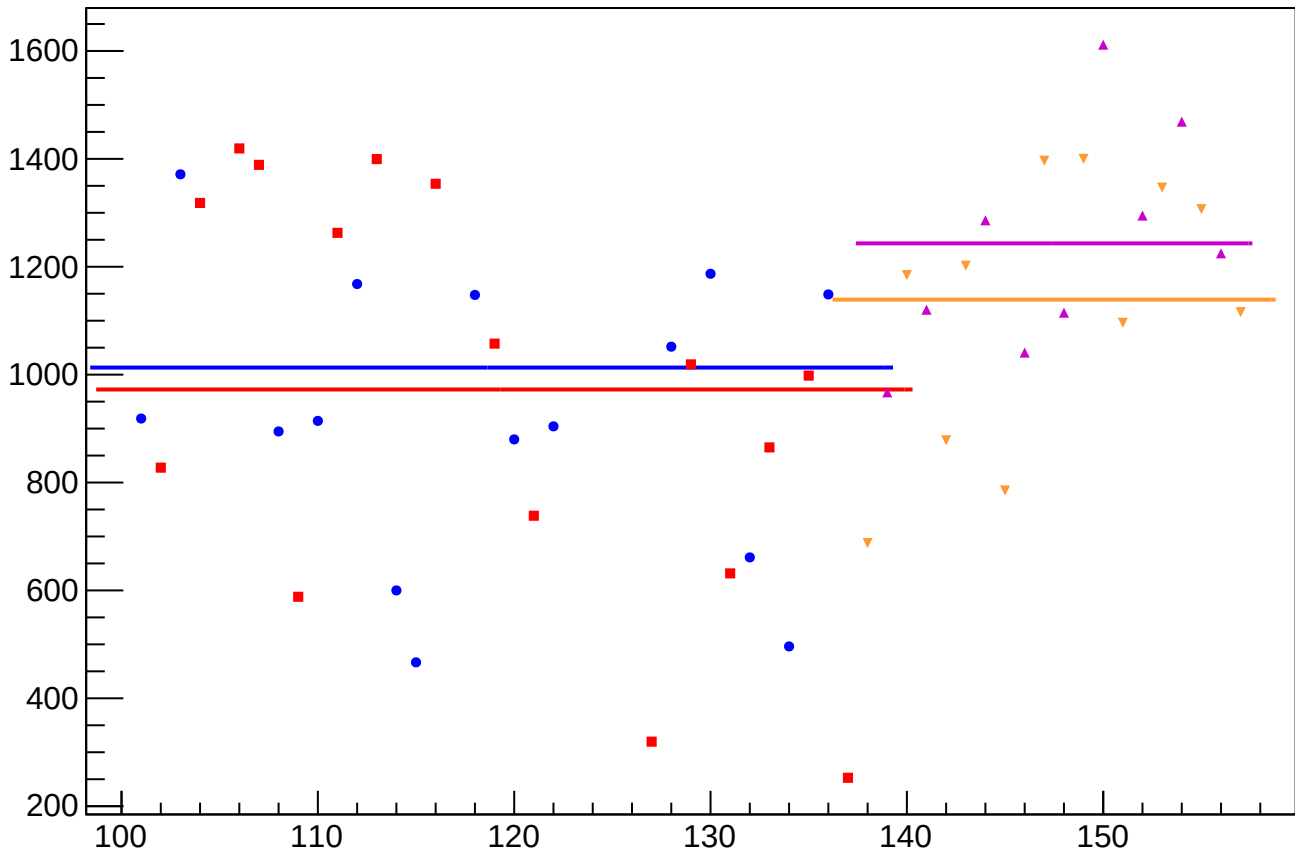
Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 45.207+/-0.000 χ^2/NDF : 124269108026478365183531113034809344.0/10

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

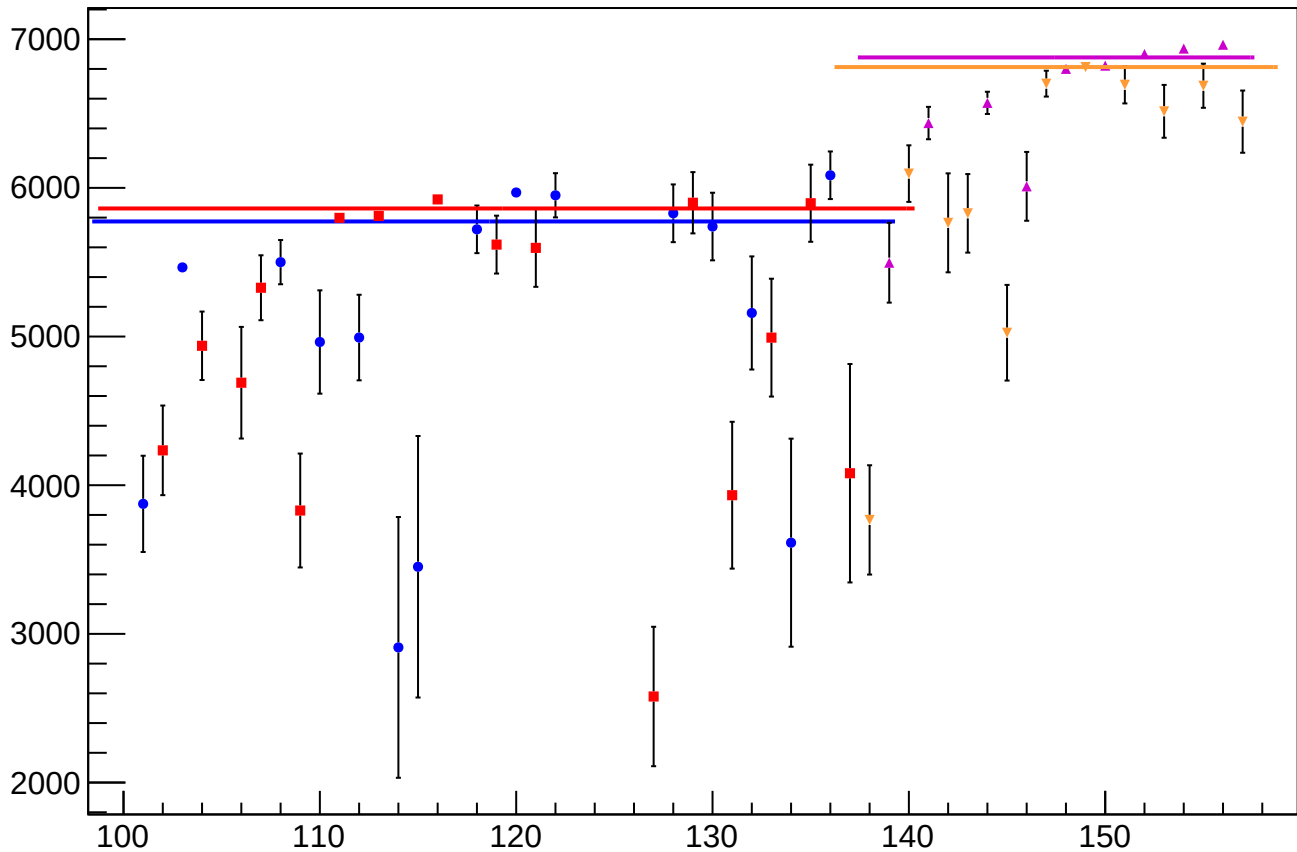
Left In: 50.395+/-0.000 χ^2/NDF : 252509468762440787000165318300532736.0/8

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000	χ^2 /NDF: 31721270909522099205936100724856324096.0/14	+ sign 1084.061 $\pm$ 0.000	χ^2 /NDF: 84098319642358
Left Out: 1139.048 $\pm$ 0.000	χ^2 /NDF: 46582594487916709604733486240874102784.0/10	All: 1100.514 $\pm$ 0.000	χ^2 /NDF: 21956325065
Right Out: 972.465 $\pm$ 0.000	χ^2 /NDF: 78884457200782655962756069915468234752.0/15	- sign 1117.539 $\pm$ 0.000	χ^2 /NDF: 13464645530852
Left In: 1243.371 $\pm$ 0.000	χ^2 /NDF: 29547926589439123965433812955611267072.0/8		

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6812.618 $\pm$ 0.311 χ^2 /NDF:146.6/10

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

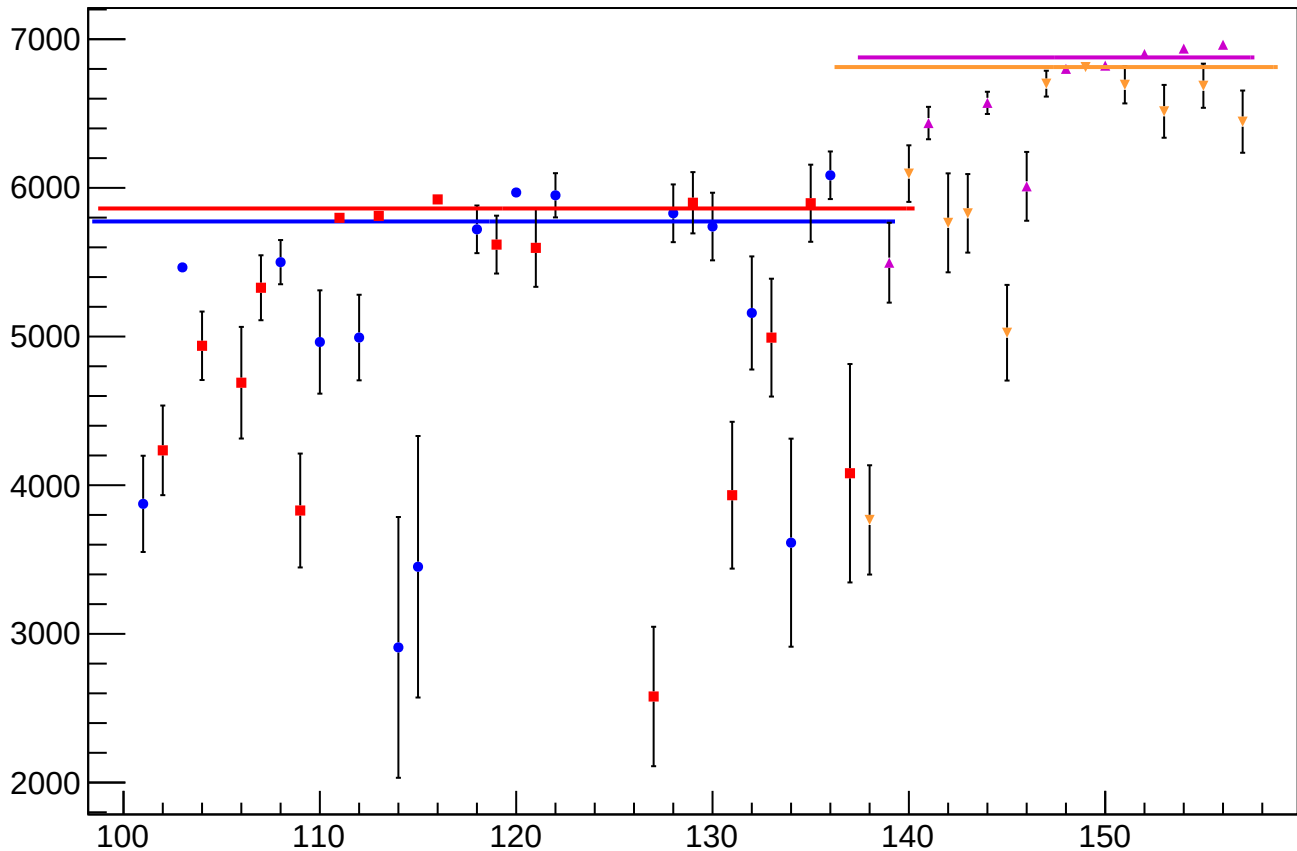
Left In: 6877.525 $\pm$ 0.173 χ^2 /NDF:152460.2/8

+ sign 6038.097 $\pm$ 0.157 χ^2 /NDF: 10154692.6/25

All: 6190.101 $\pm$ 0.089 χ^2 /NDF: 32823632.9/5

- sign 6263.030 $\pm$ 0.109 χ^2 /NDF: 21276617.3/24

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

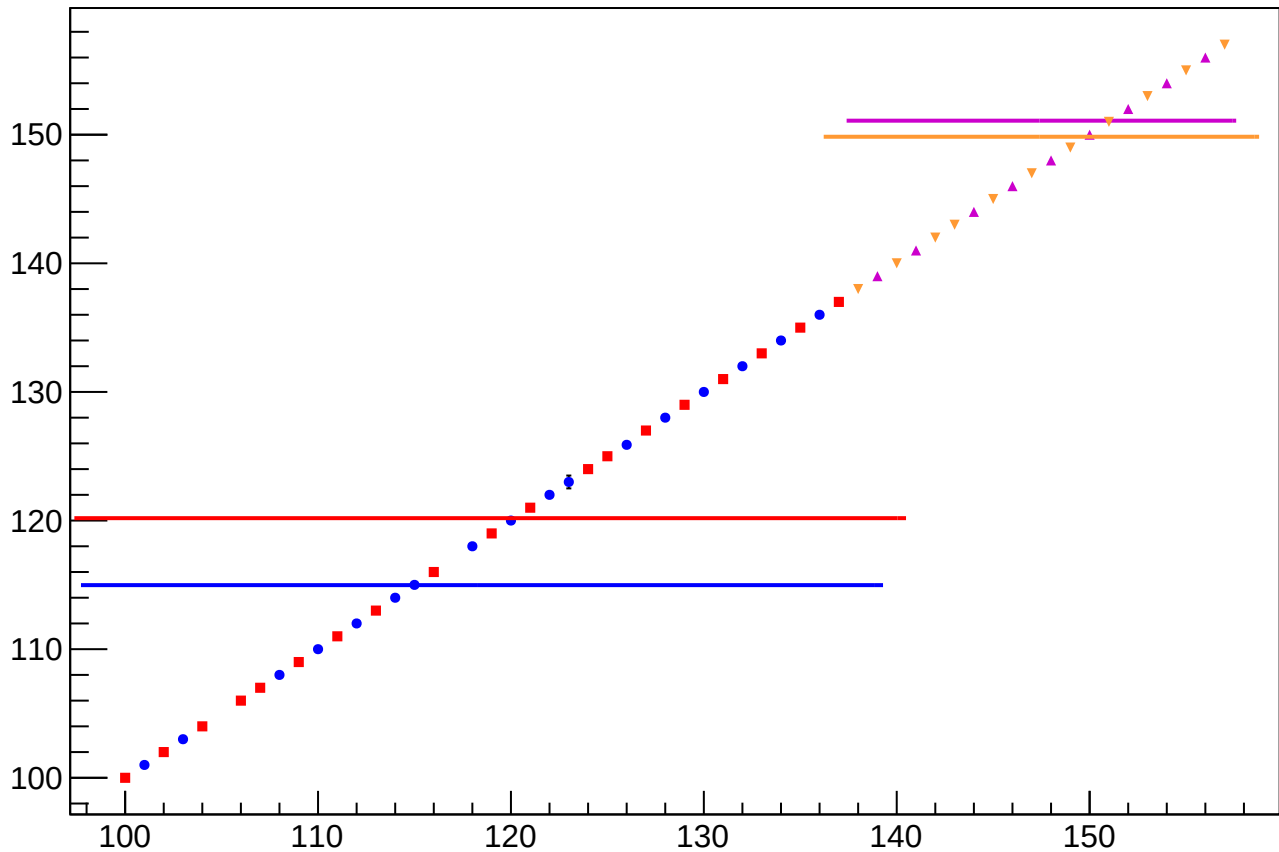
Right Out: 5861.461+/-0.140 χ^2 /NDF: 180020.4/15

All: 6190.101+/-0.089 χ^2 /NDF: 32823632.9/5

- sign 6263.030+/-0.109 χ^2 /NDF: 21276617.3/24

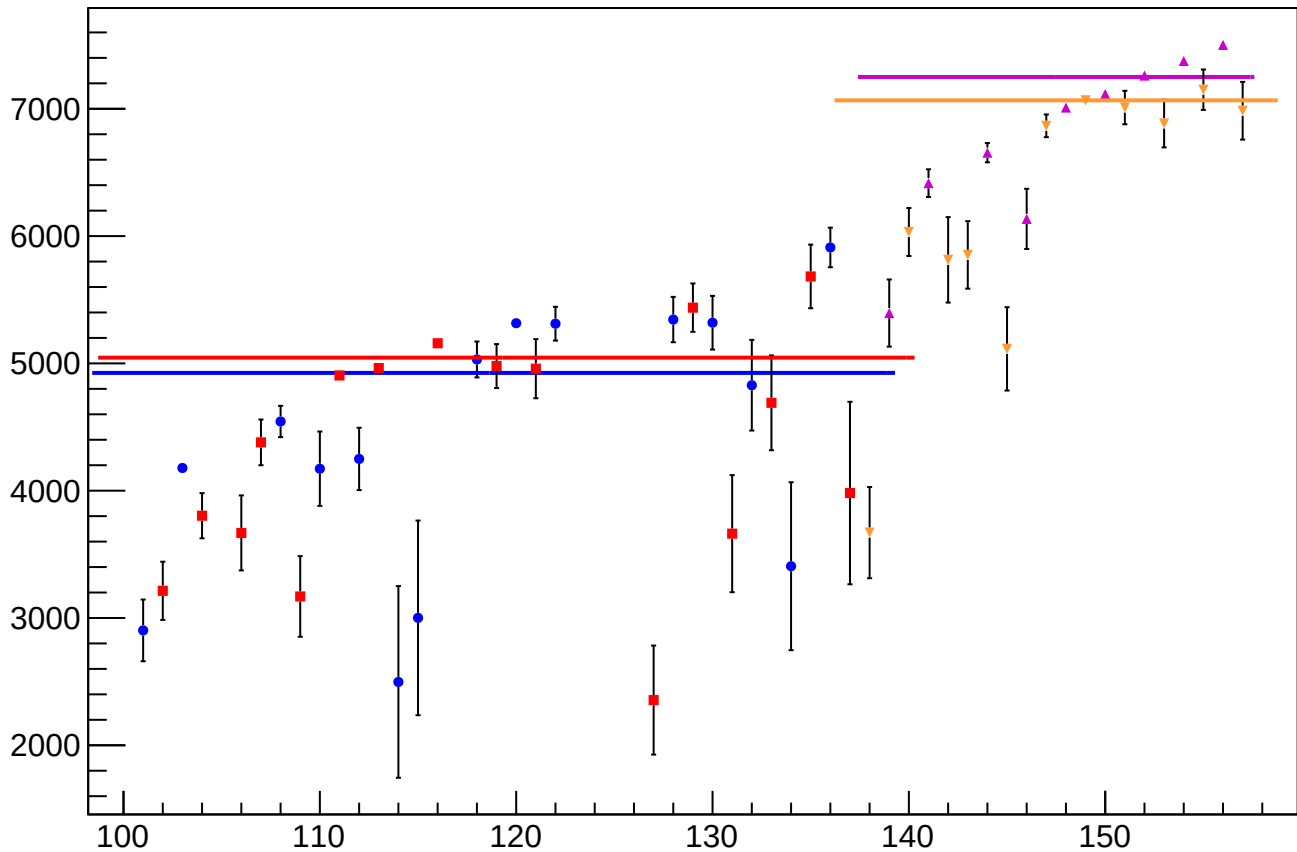
Left In: 6877.525+/-0.173 χ^2 /NDF:152460.2/8

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 149.841+/-0.000 χ^2/NDF : 19477827177483799819625103884288.0/10
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 151.090+/-0.000 χ^2/NDF : 8976886291744437667216603742208.0/8

dit_cyclenum_mean vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7066.433 $\pm$ 1.477 χ^2 /NDF:197.1/10

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

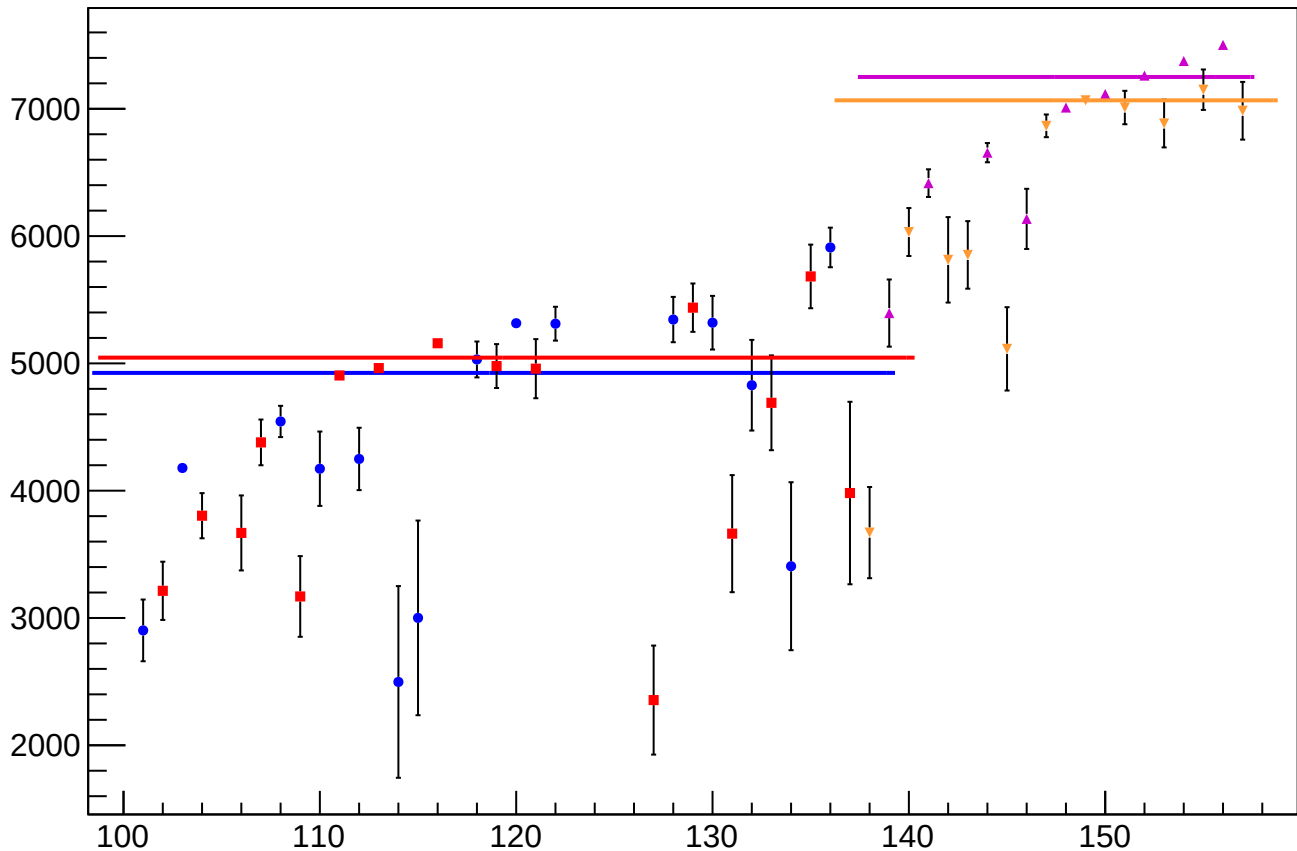
Left In: 7250.106 $\pm$ 0.766 χ^2 /NDF:51703.2/8

+ sign 5541.040 $\pm$ 0.792 χ^2 /NDF: 1827371.5/25

All: 5866.731 $\pm$ 0.425 χ^2 /NDF: 6857151.7/50

- sign 5998.123 $\pm$ 0.503 χ^2 /NDF: 4792638.4/24

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7066.433 $\pm$ 1.477 χ^2 /NDF:197.1/10

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

Left In: 7250.106 $\pm$ 0.766 χ^2 /NDF:51703.2/8

+ sign 5541.040 $\pm$ 0.792 χ^2 /NDF: 1827371.5/25

All: 5866.731 $\pm$ 0.425 χ^2 /NDF: 6857151.7/50

- sign 5998.123 $\pm$ 0.503 χ^2 /NDF: 4792638.4/24

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

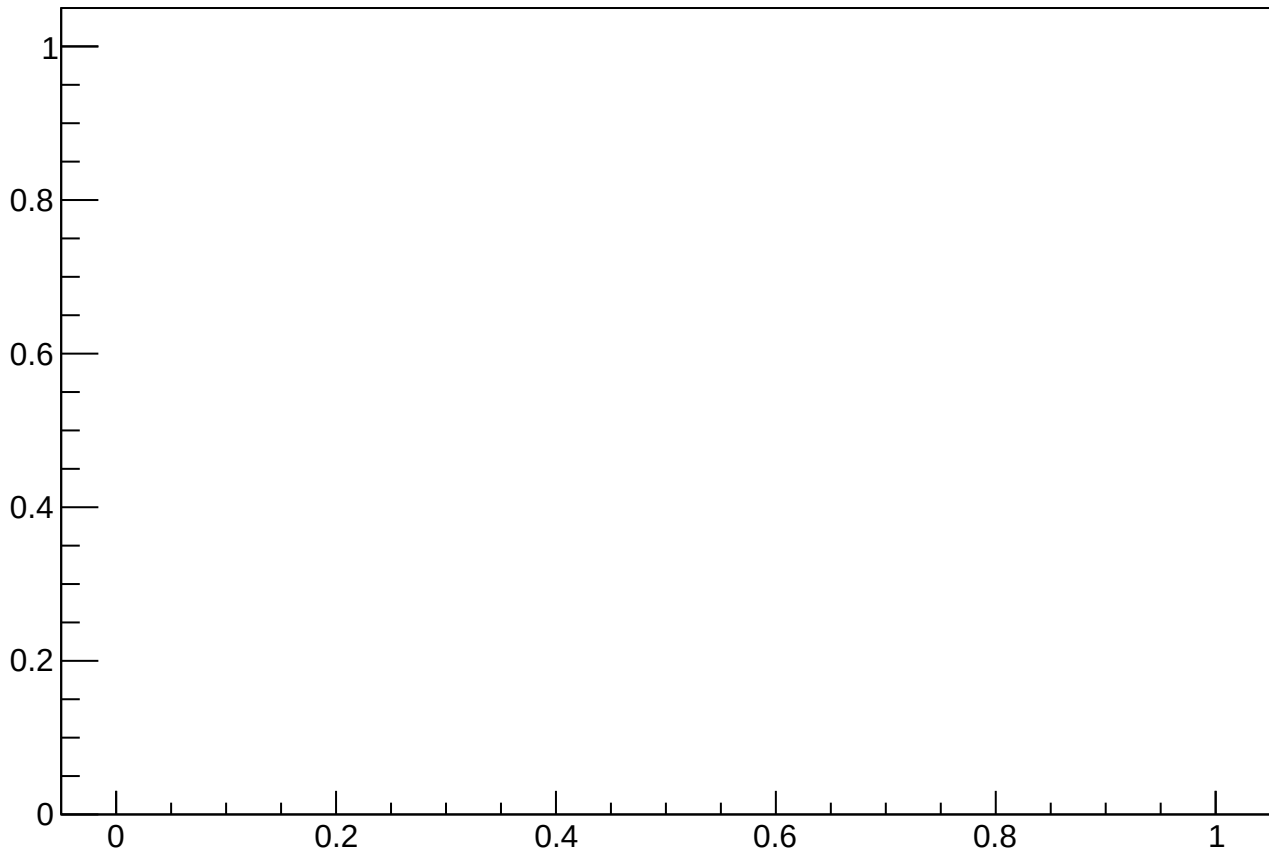
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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+/-0.000 χ^2/NDF : 0.0/0

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

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

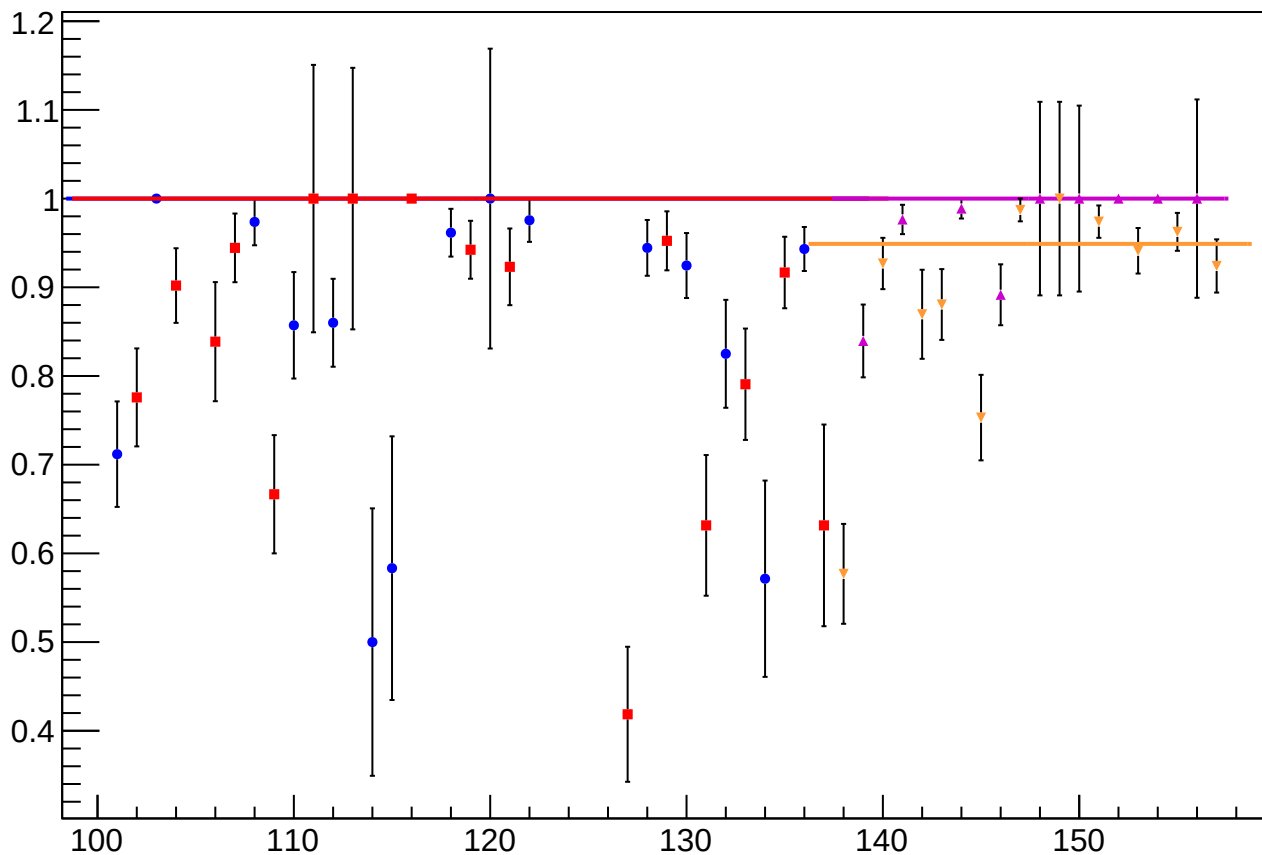
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.949 $\pm$ 0.008 χ^2 /NDF: 78.4/10

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

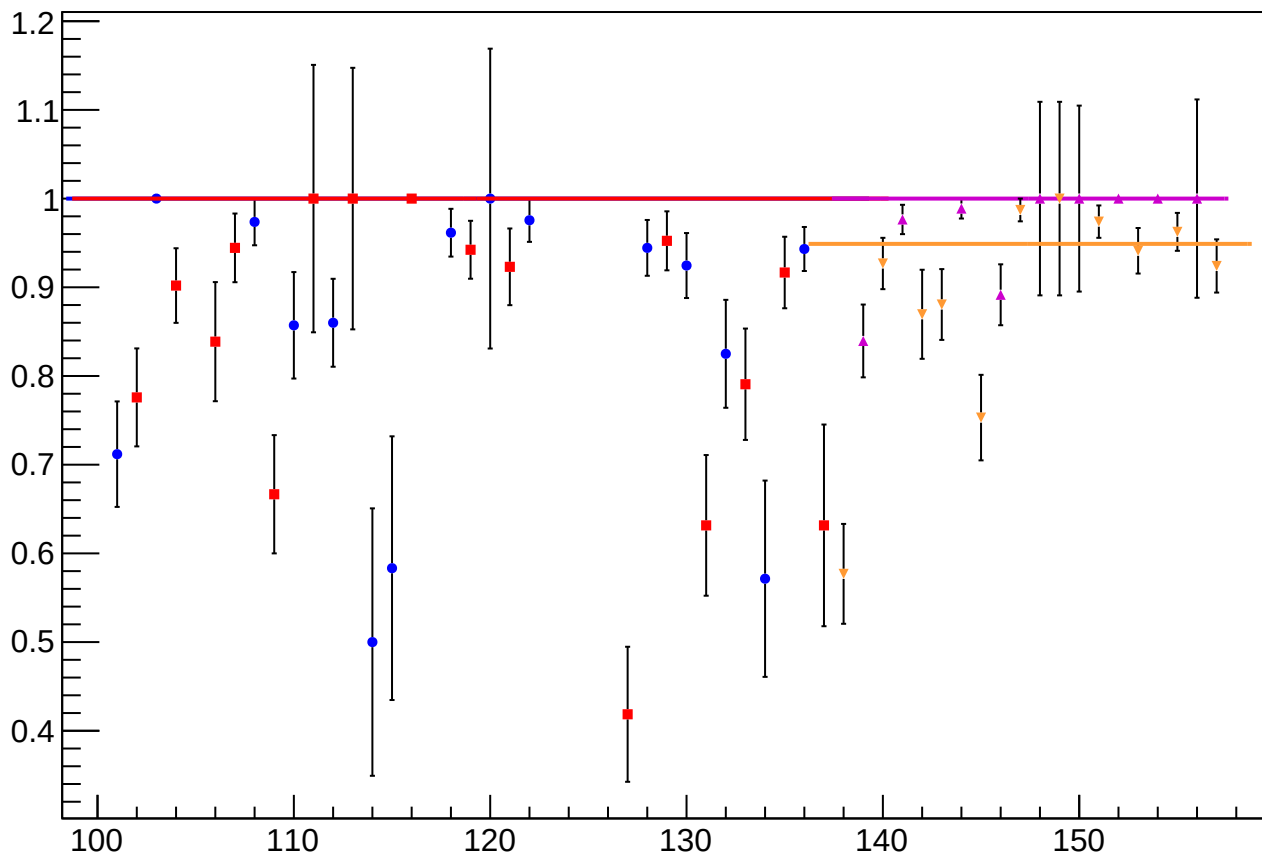
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 372.3/8

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 218.4/25

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 759.6/50

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 541.2/24

dit_flag_rms 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

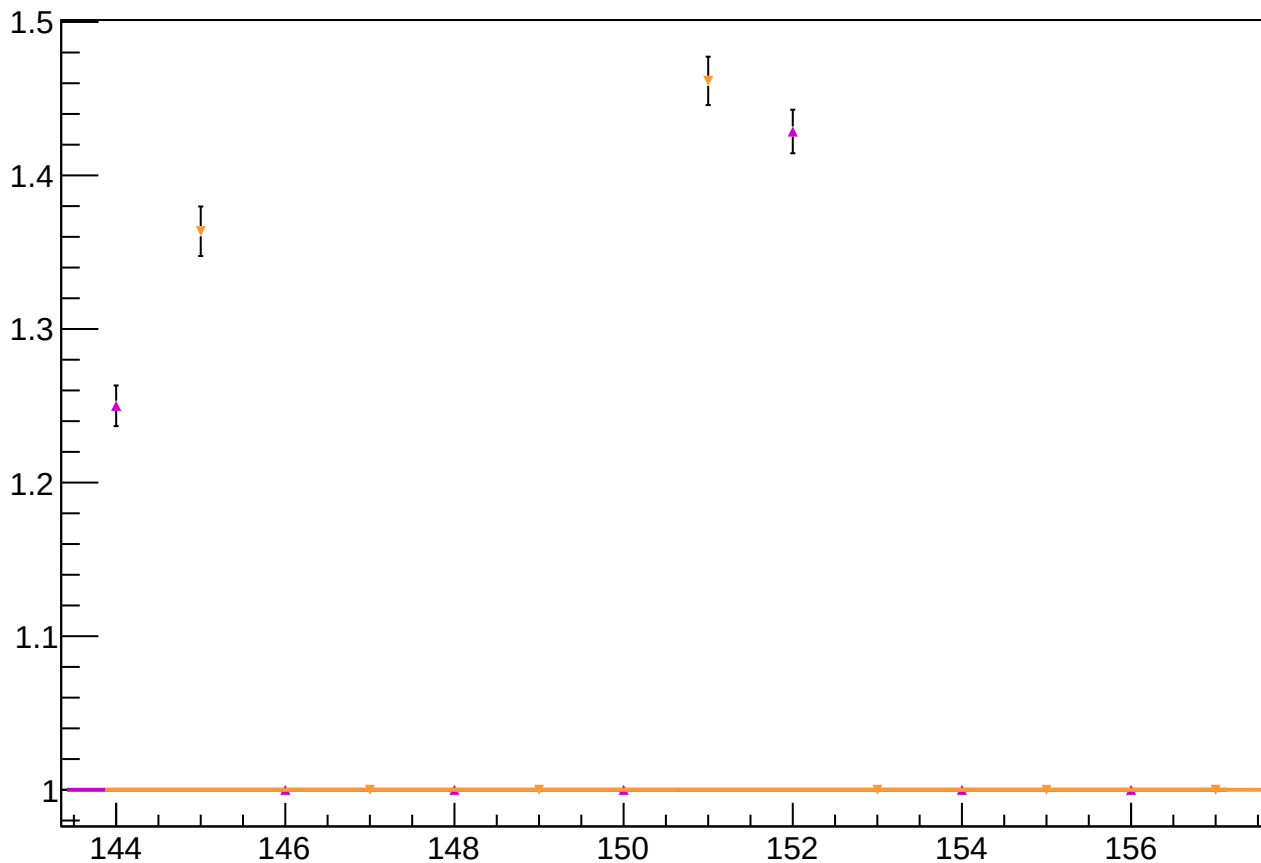
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 372.3/8

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 218.4/25

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 759.6/50

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 541.2/24

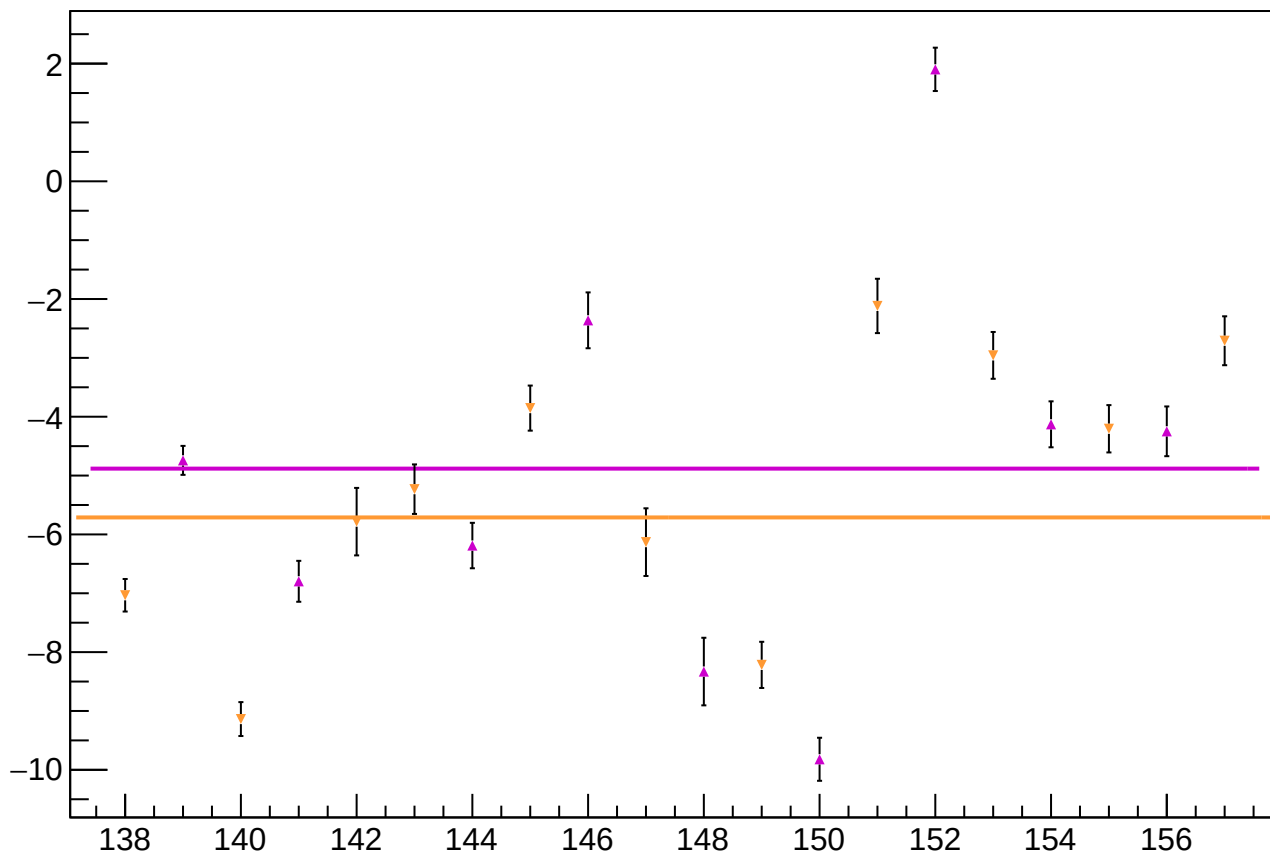
dit_segment_slope vs Slug



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 :3779.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 4046.9/13
- 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

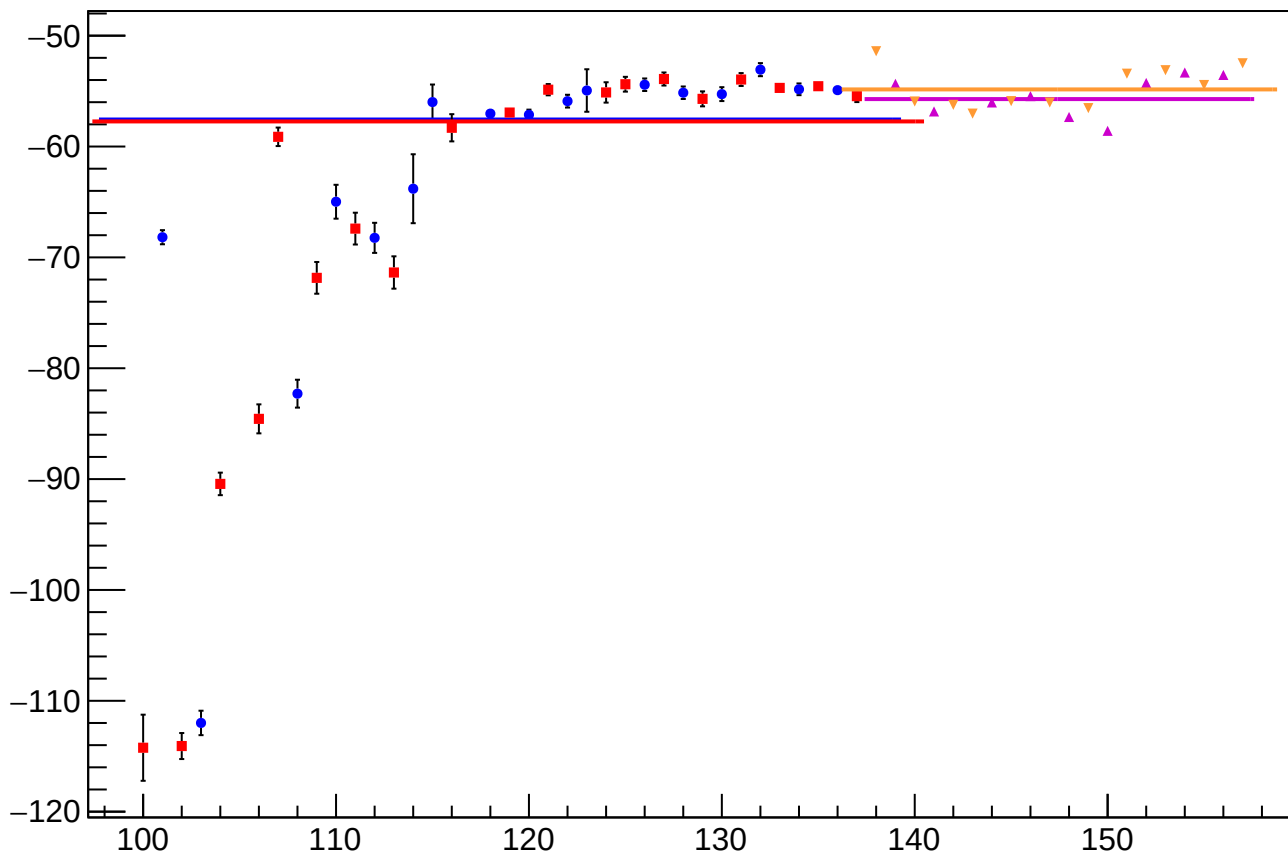
Left In: -4.882+/-0.123 χ^2/NDF : 634.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.318+/-0.085 χ^2/NDF : 1063.0/19

- 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

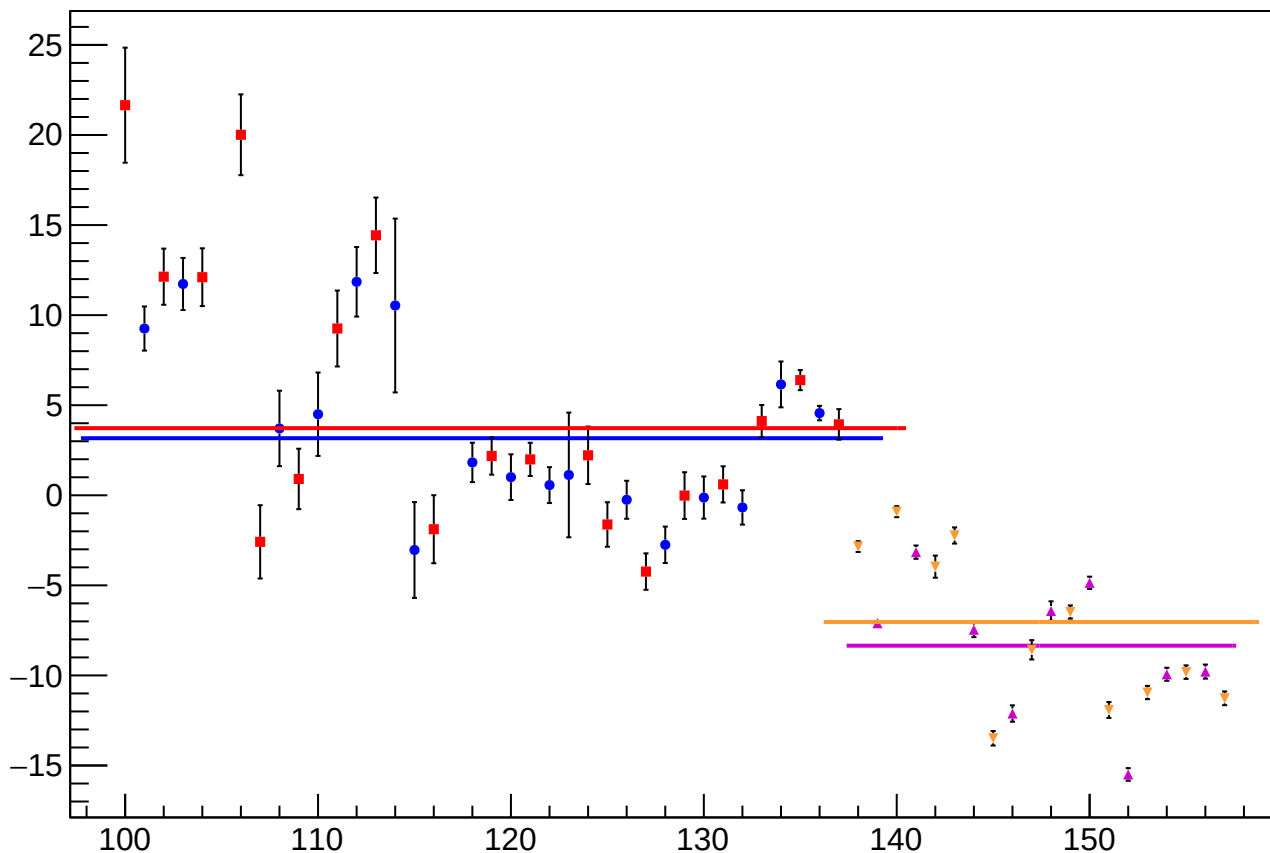
Left In: -55.720 ± 0.095 χ^2/NDF : 358.5/8

+ sign -55.586 ± 0.074 χ^2/NDF : 4132.4/27

All: -55.935 ± 0.054 χ^2/NDF : 9375.4/55

- sign -56.335 ± 0.079 χ^2/NDF : 5194.9/27

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

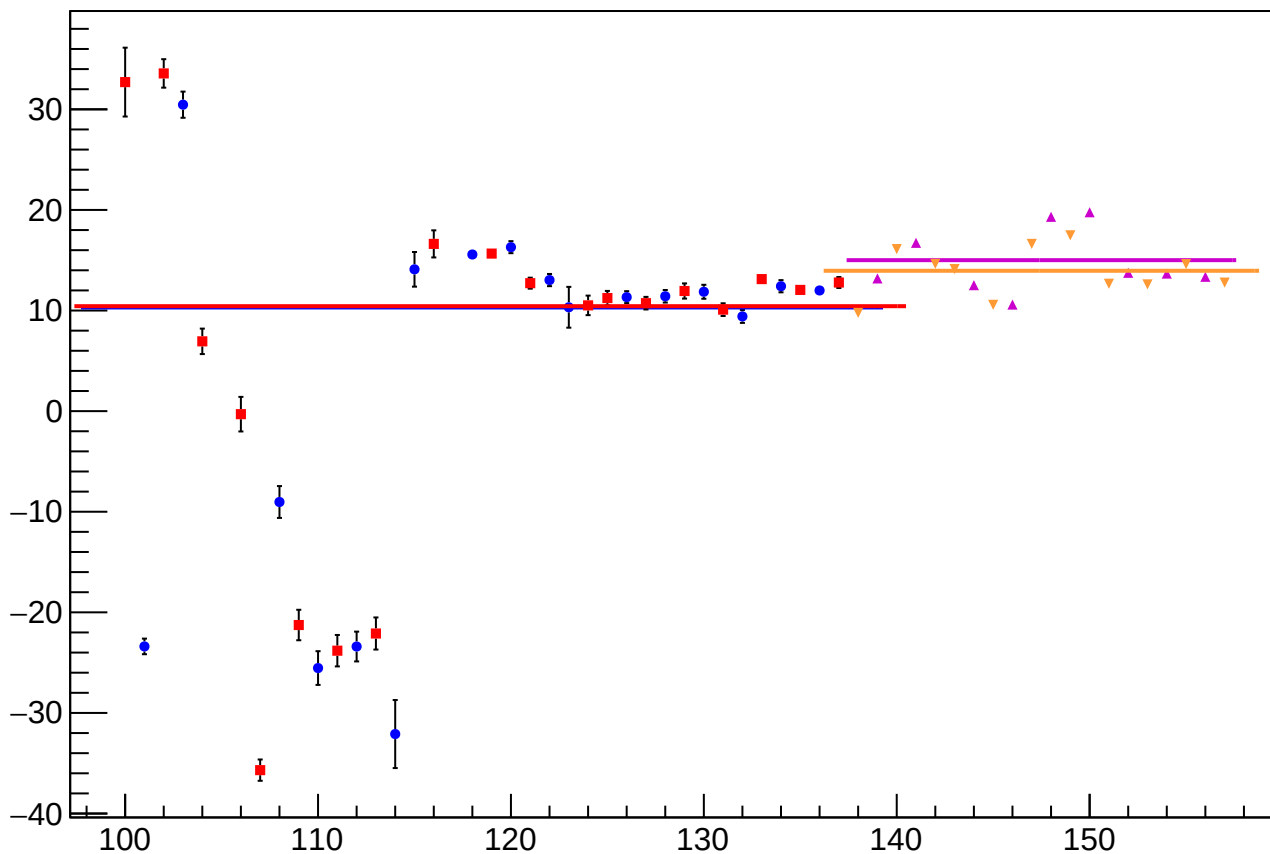
Left In: -8.348 ± 0.123 χ^2/NDF : 853.2/8

+ sign -5.284 ± 0.107 χ^2/NDF : 2894.5/27

All: -5.741 ± 0.077 χ^2/NDF : 5796.3/55

- sign -6.240 ± 0.112 χ^2/NDF : 2863.4/27

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

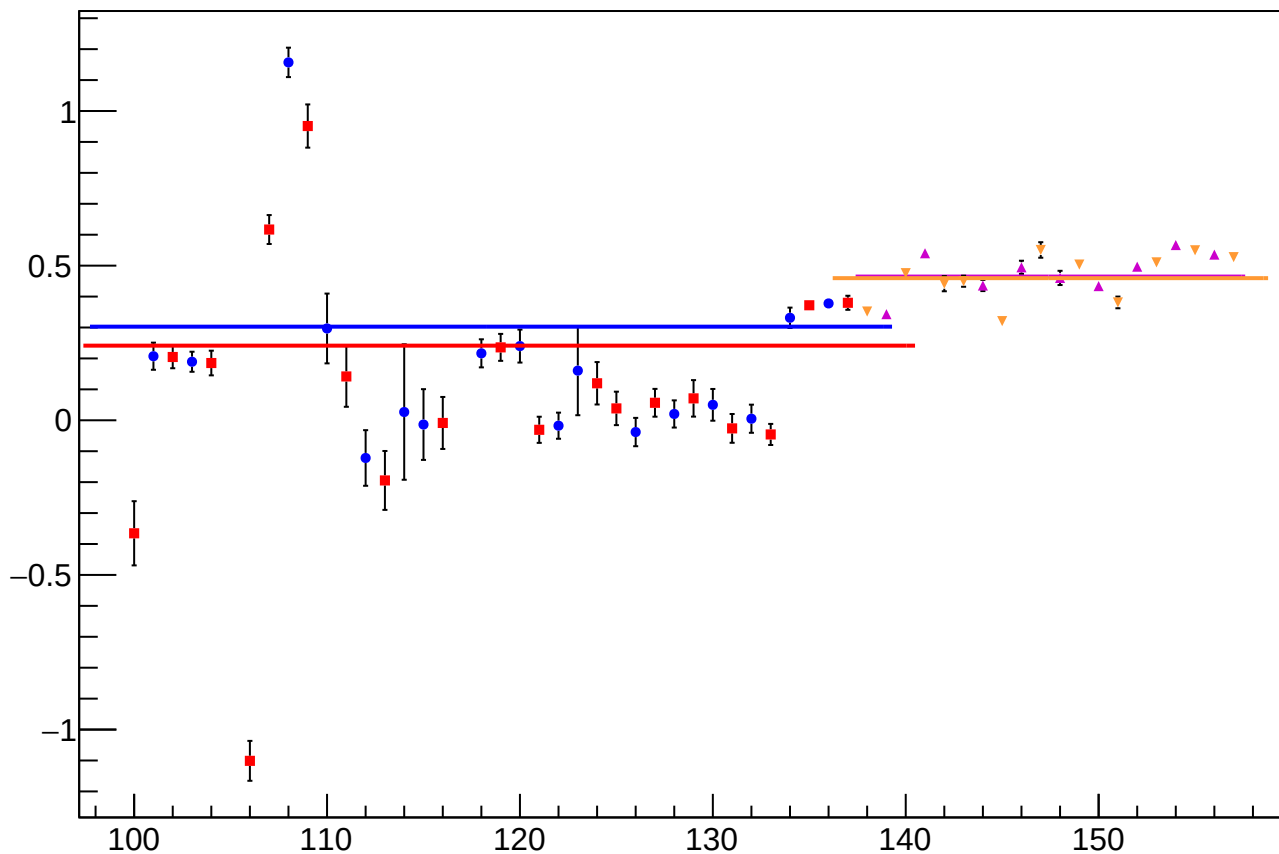
Left In: 15.007 ± 0.112 χ^2/NDF : 694.7/8

+ sign 12.856 ± 0.086 χ^2/NDF : 4605.9/27

All: 13.161 ± 0.063 χ^2/NDF : 9706.1/55

- sign 13.507 ± 0.092 χ^2/NDF : 5073.3/27

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.460 ± 0.005 χ^2/NDF : 296.0/10

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

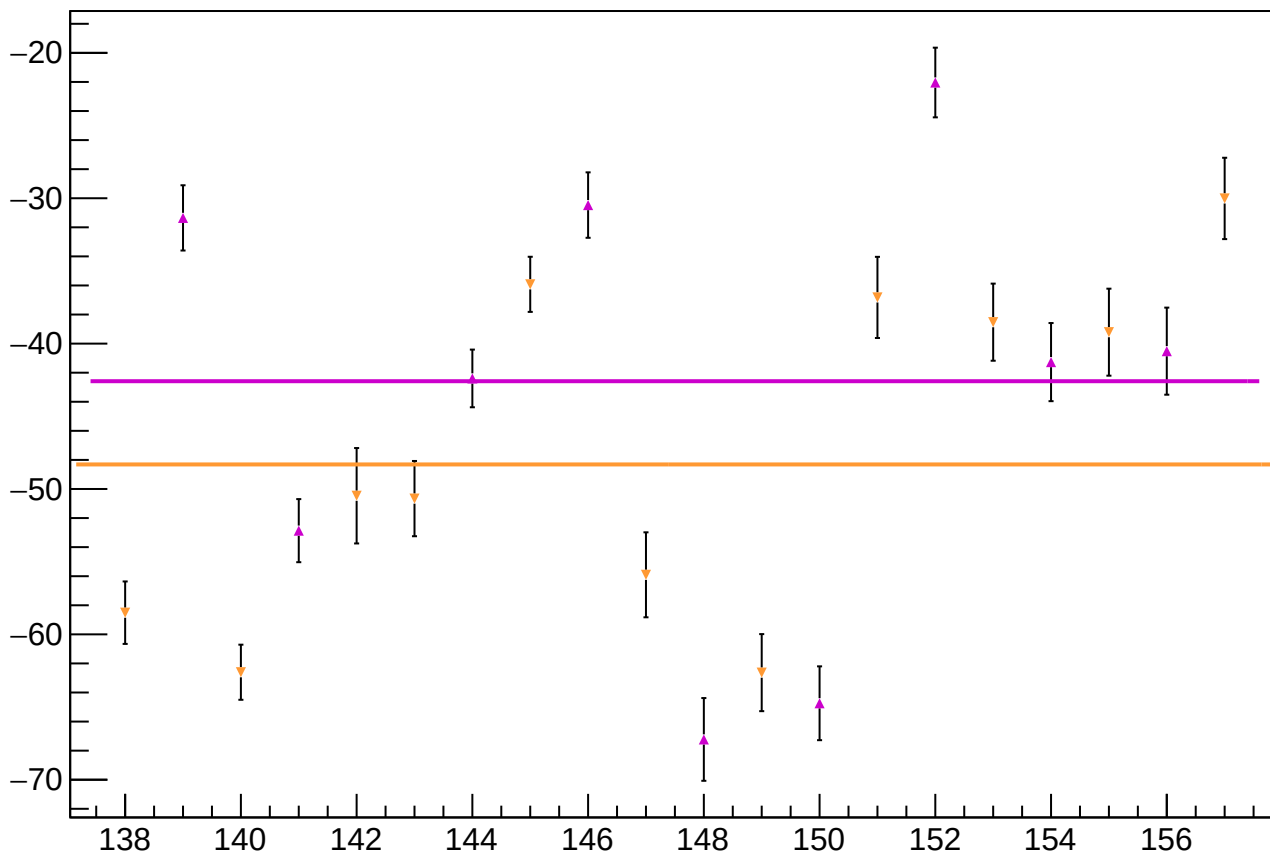
Left In: 0.465 ± 0.005 χ^2/NDF : 301.8/8

+ sign 0.422 ± 0.004 χ^2/NDF : 1222.2/27

All: 0.417 ± 0.003 χ^2/NDF : 3043.0/55

- sign 0.412 ± 0.004 χ^2/NDF : 1817.6/27

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

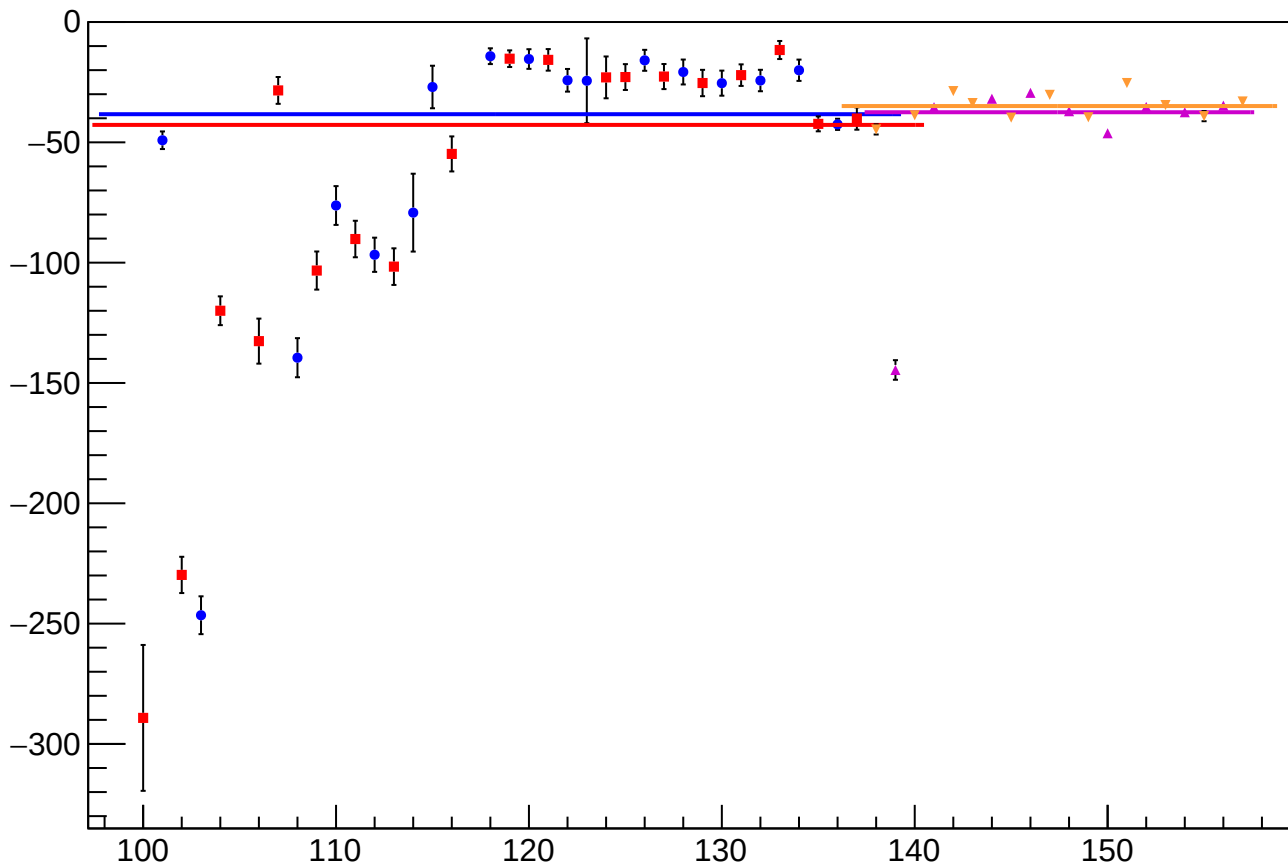
Left In: -42.586+/-0.799 χ^2/NDF : 301.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.637+/-0.546 χ^2/NDF : 571.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 χ^2/NDF : 1132.7/16

Left Out: -34.922 ± 0.524 χ^2/NDF : 104.3/10

Right Out: -42.756 ± 1.211 χ^2/NDF : 1341.6/18

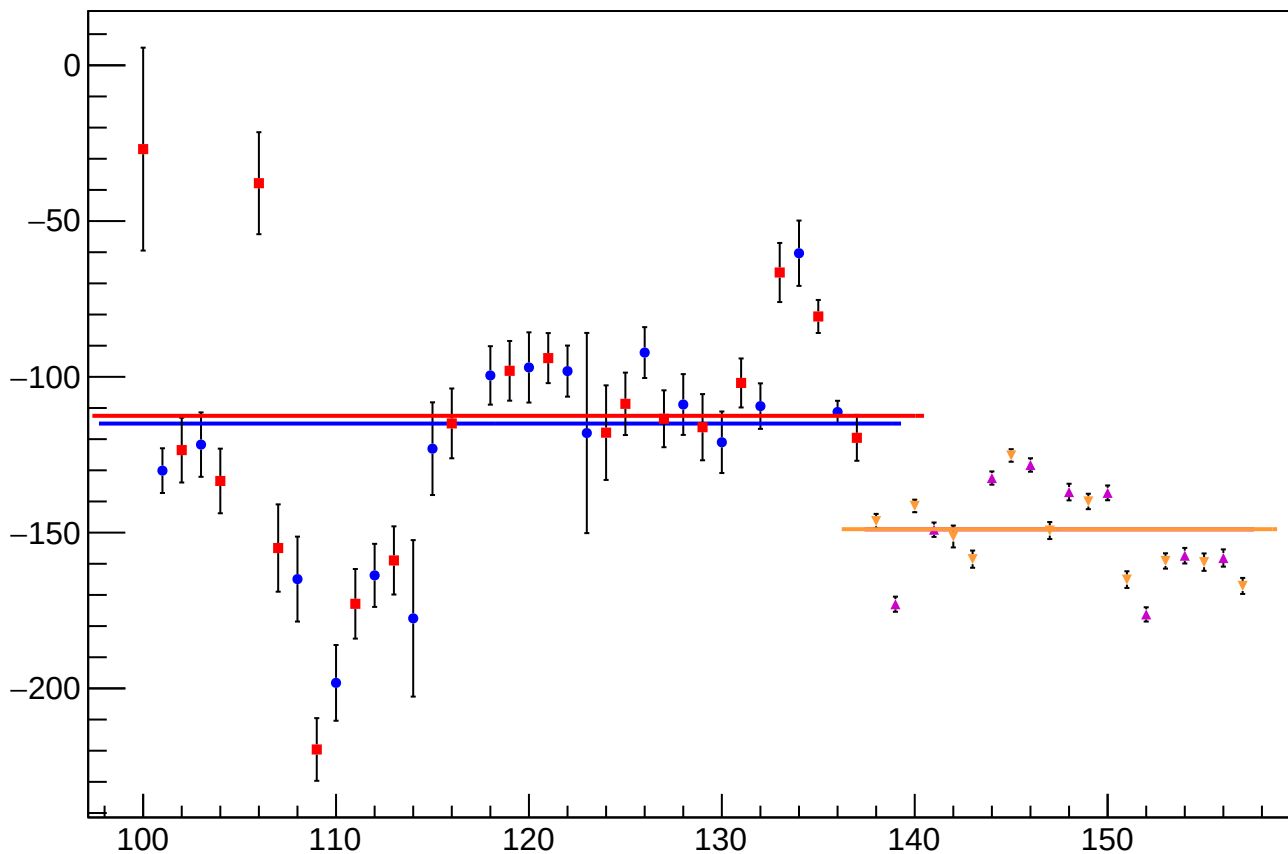
Left In: -37.495 ± 0.559 χ^2/NDF : 772.9/8

+ sign -35.516 ± 0.476 χ^2/NDF : 1244.3/27

All: -36.876 ± 0.347 χ^2/NDF : 3391.7/55

- sign -38.419 ± 0.507 χ^2/NDF : 2130.1/27

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 $\chi^2/\text{NDF}: 273.1/18$

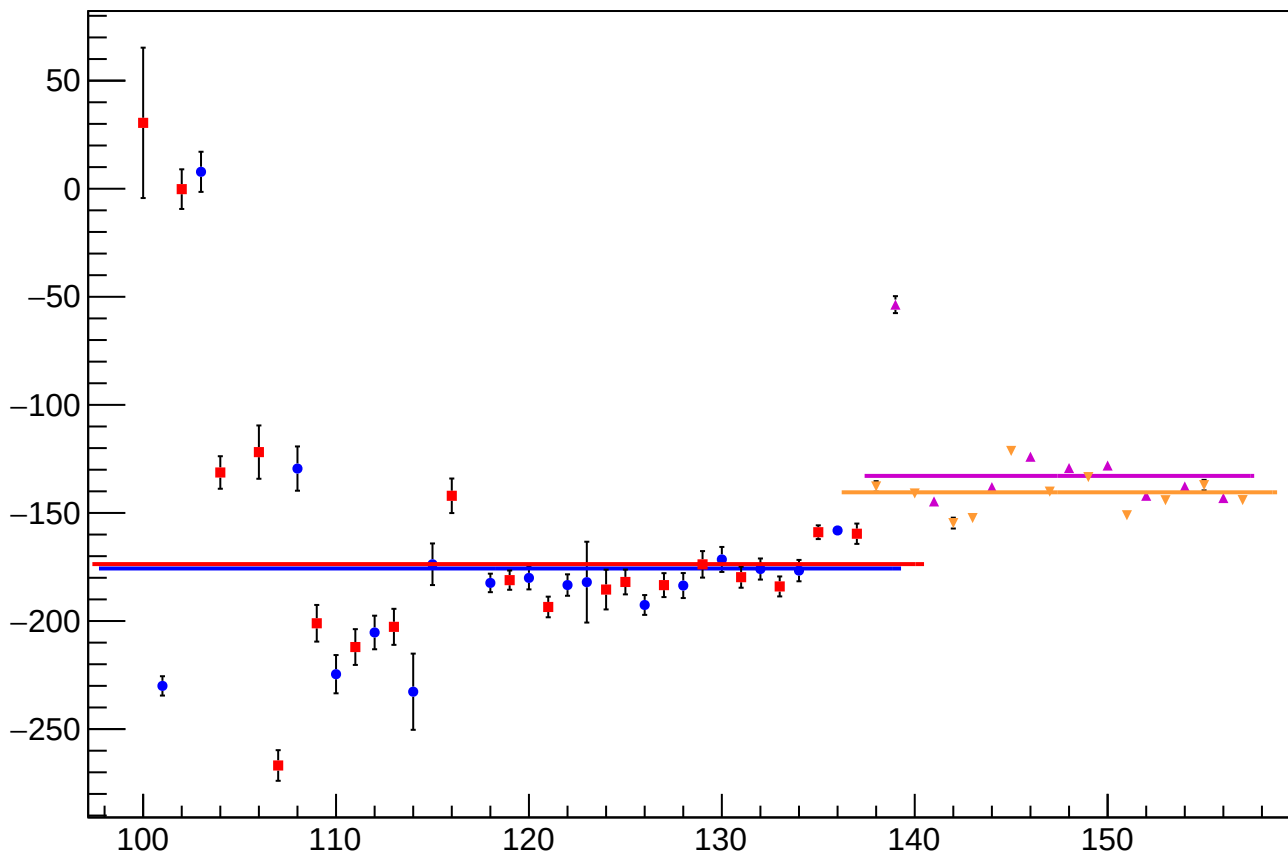
Left In: -148.953 ± 0.793 $\chi^2/\text{NDF}: 458.3/8$

+ sign -144.952 ± 0.707 $\chi^2/\text{NDF}: 674.5/27$

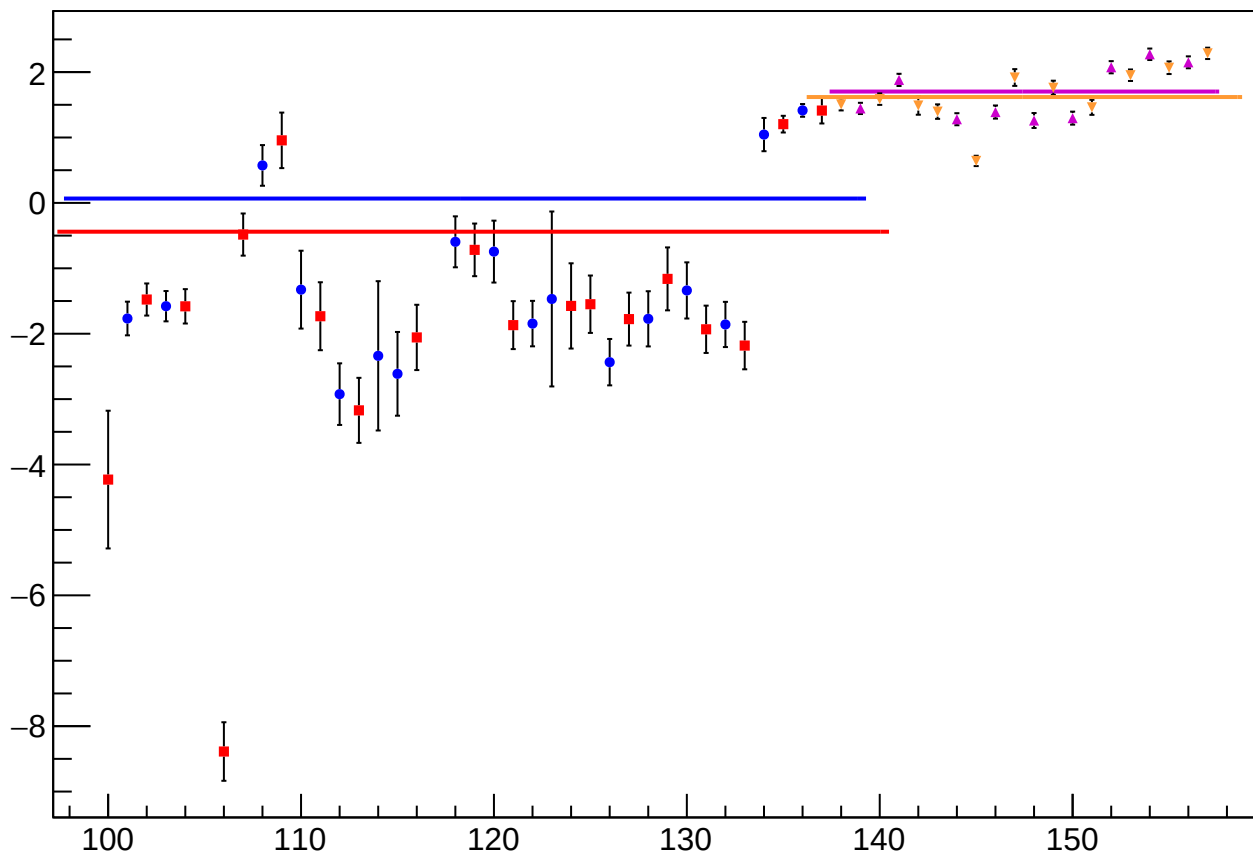
All: -144.875 ± 0.513 $\chi^2/\text{NDF}: 1647.5/55$

- sign -144.788 ± 0.746 $\chi^2/\text{NDF}: 973.0/27$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



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

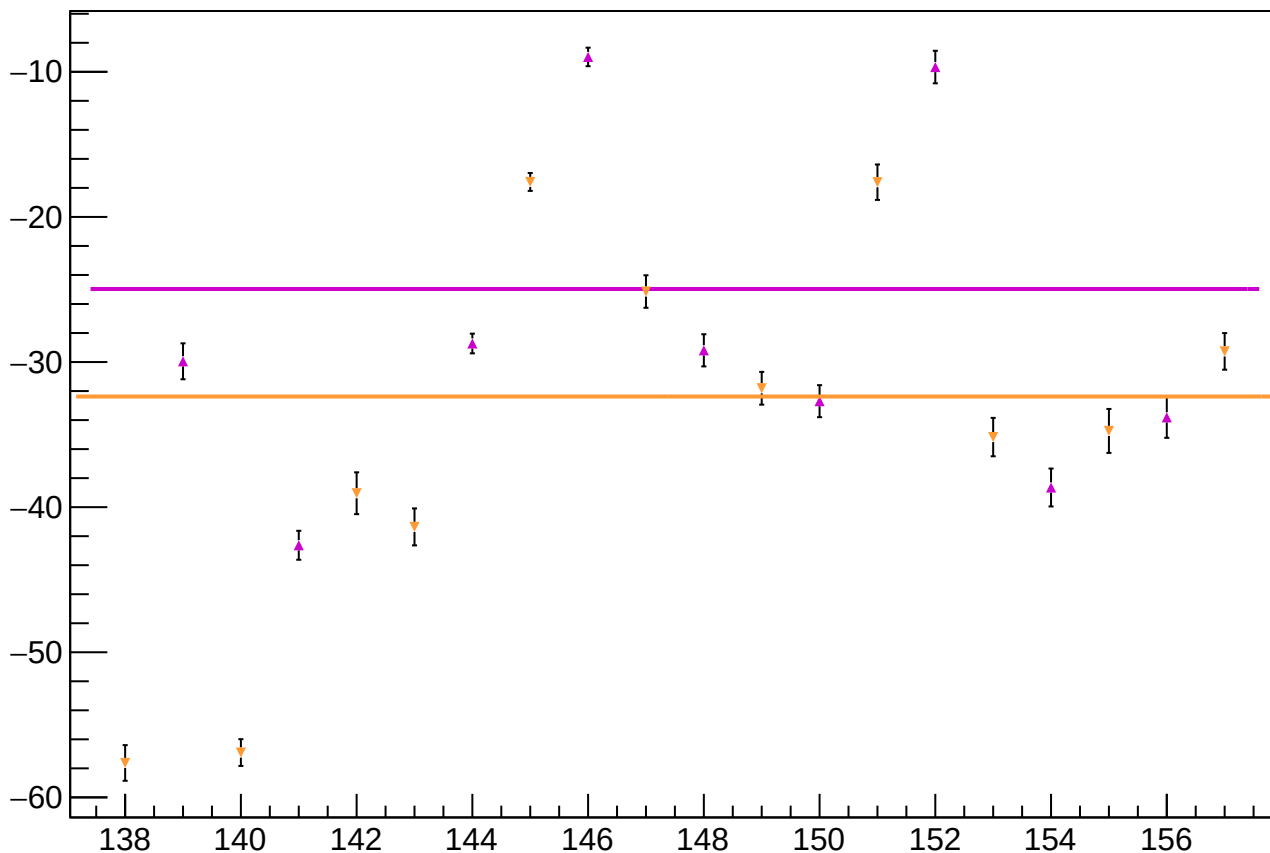
Left In: 1.703 ± 0.031 χ^2/NDF : 157.3/8

+ sign 1.363 ± 0.027 χ^2/NDF : 1237.5/27

All: 1.357 ± 0.020 χ^2/NDF : 2909.2/55

- sign 1.352 ± 0.029 χ^2/NDF : 1671.6/27

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

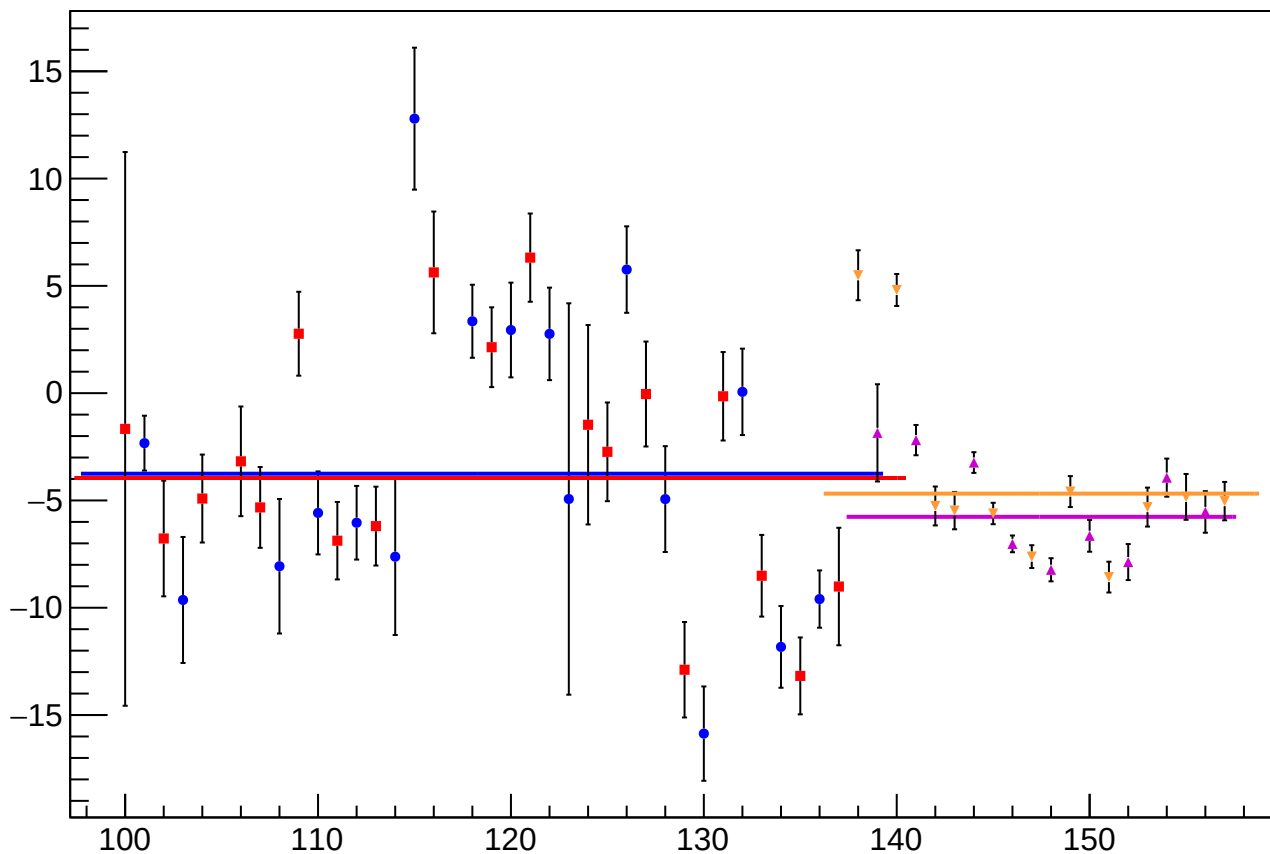
Left In: -24.966+/-0.319 χ^2/NDF :1385.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.602+/-0.228 χ^2/NDF : 3625.4/19

- 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 $\chi^2/\text{NDF}: 123.3/18$

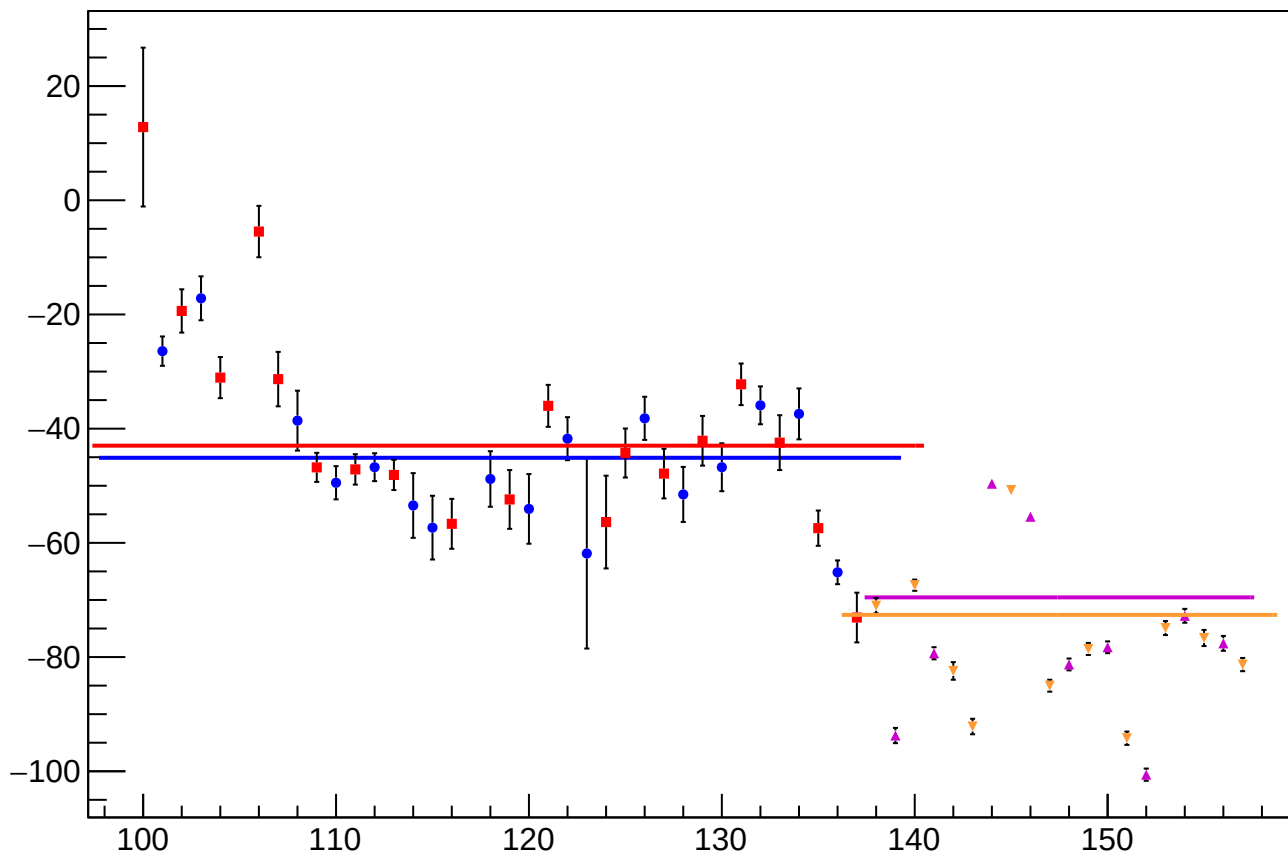
Left In: -5.763 ± 0.213 $\chi^2/\text{NDF}: 99.5/8$

+ sign -4.524 ± 0.204 $\chi^2/\text{NDF}: 472.1/27$

All: -5.028 ± 0.142 $\chi^2/\text{NDF}: 717.4/55$

- sign -5.492 ± 0.196 $\chi^2/\text{NDF}: 233.7/27$

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

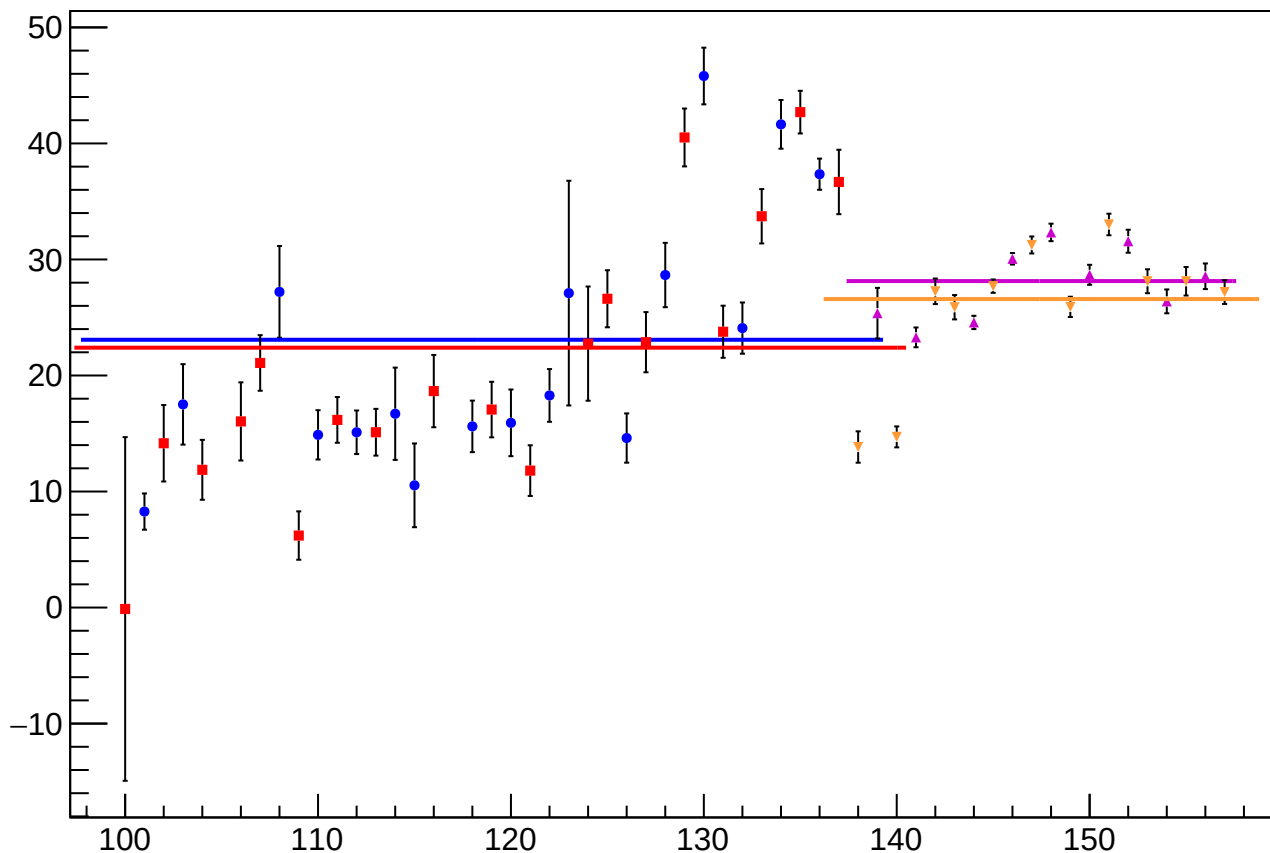
Left In: -69.545 ± 0.316 χ^2/NDF : 2775.3/8

+ sign -69.277 ± 0.307 χ^2/NDF : 3058.0/27

All: -67.841 ± 0.214 χ^2/NDF : 6936.1/55

- sign -66.490 ± 0.298 χ^2/NDF : 3835.6/27

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 26.589 $\pm$ 0.273 χ^2 /NDF: 359.9/10

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

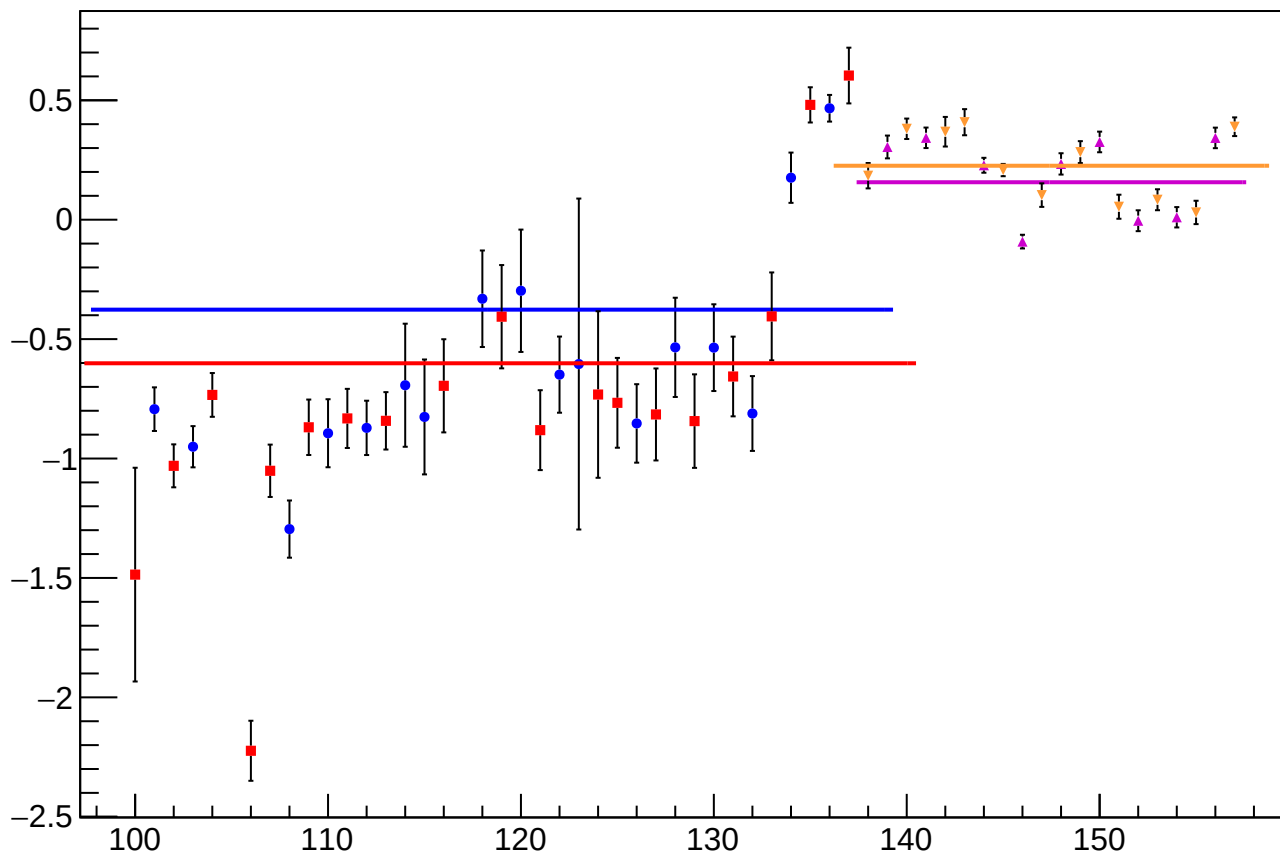
Left In: 28.137 $\pm$ 0.262 χ^2 /NDF: 134.1/8

+ sign 25.906 $\pm$ 0.245 χ^2 /NDF: 853.2/27

All: 26.544 $\pm$ 0.171 χ^2 /NDF: 1453.9/55

- sign 27.145 $\pm$ 0.238 χ^2 /NDF: 587.6/27

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.226 ± 0.013 $\chi^2/\text{NDF}: 93.9/10$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

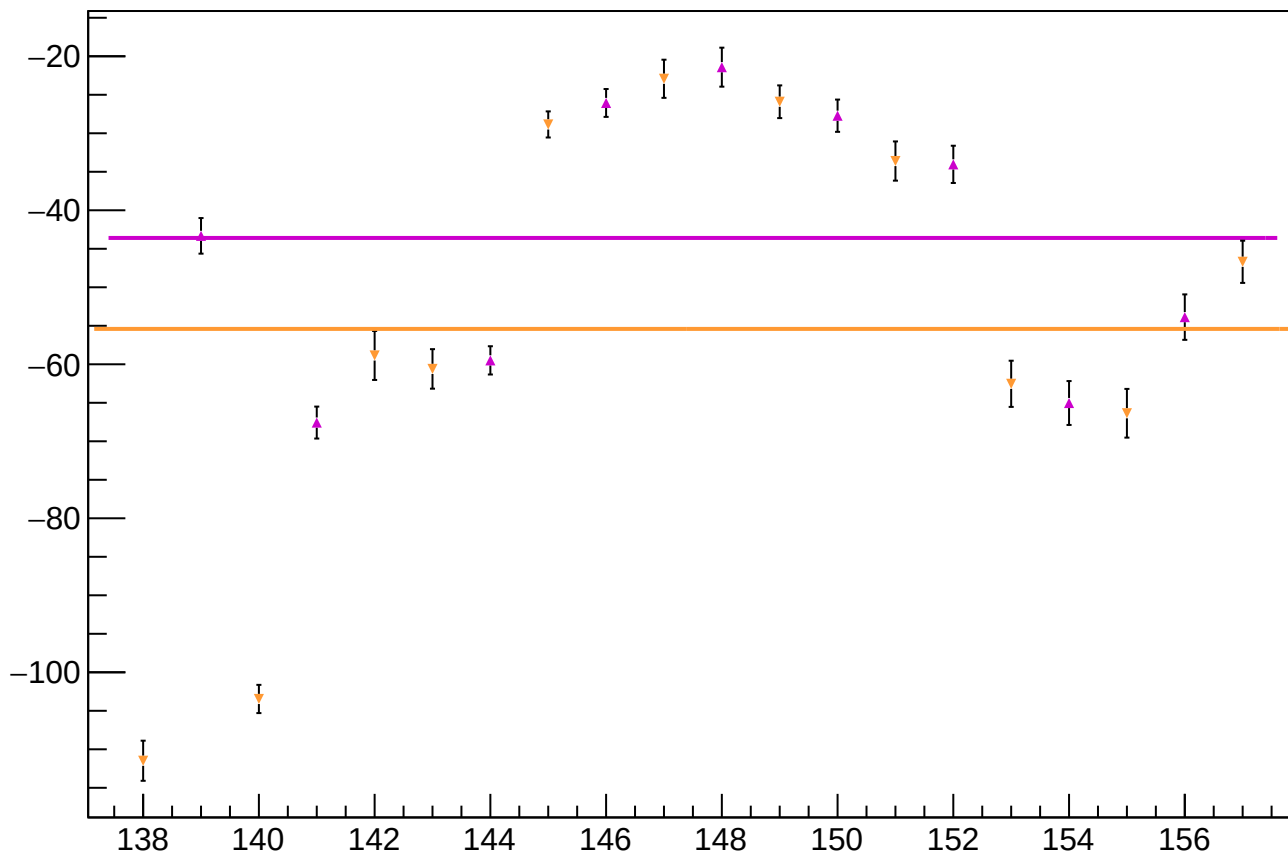
Left In: 0.157 ± 0.013 $\chi^2/\text{NDF}: 171.0/8$

+ sign 0.130 ± 0.012 $\chi^2/\text{NDF}: 869.0/27$

All: 0.084 ± 0.008 $\chi^2/\text{NDF}: 2157.6/55$

- sign 0.037 ± 0.012 $\chi^2/\text{NDF}: 1258.4/27$

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

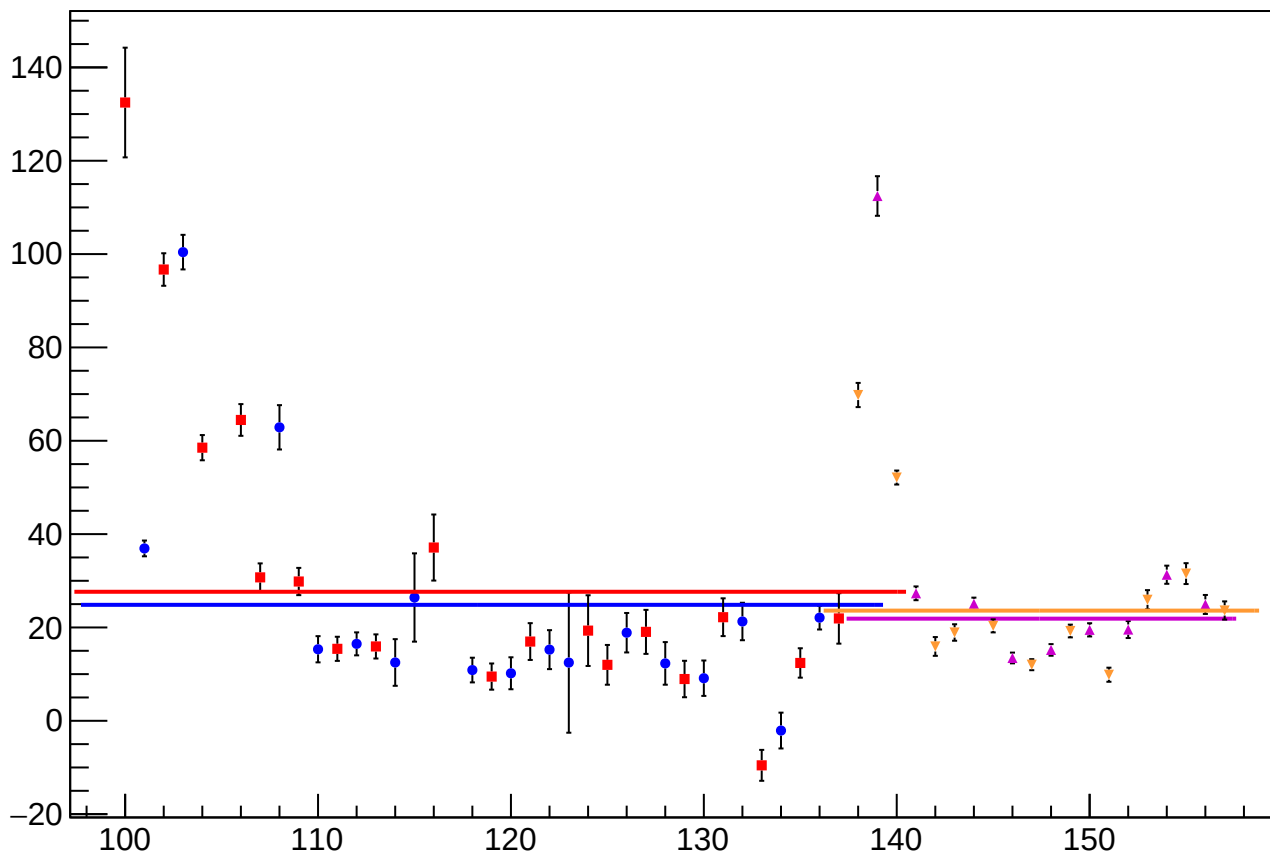
Left In: -43.593+/-0.742 χ^2/NDF :520.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.677+/-0.517 χ^2/NDF : 2519.1/19

- 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

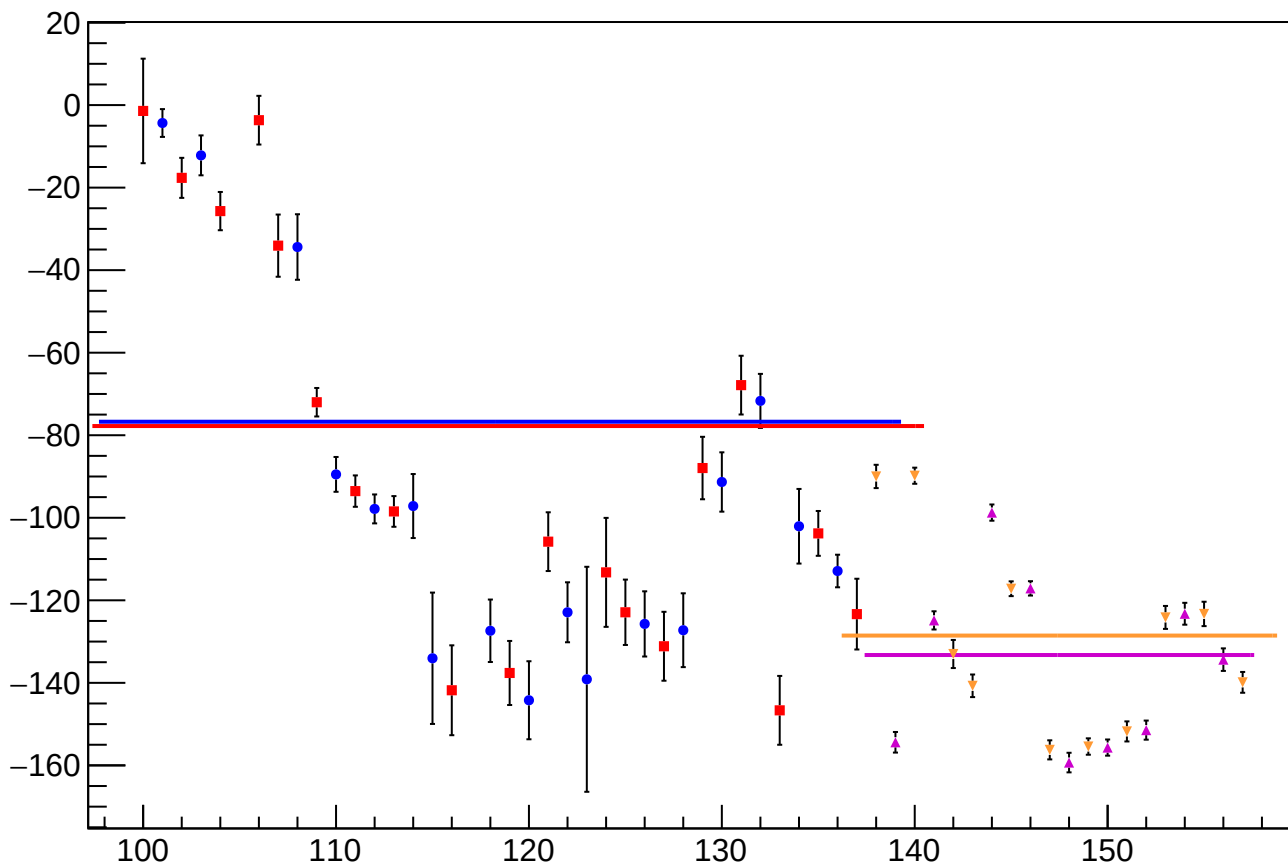
Left In: 21.886 ± 0.513 χ^2/NDF : 587.9/8

+ sign 23.954 ± 0.422 χ^2/NDF : 1601.2/27

All: 23.749 ± 0.302 χ^2/NDF : 3234.8/55

- sign 23.533 ± 0.433 χ^2/NDF : 1633.1/27

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

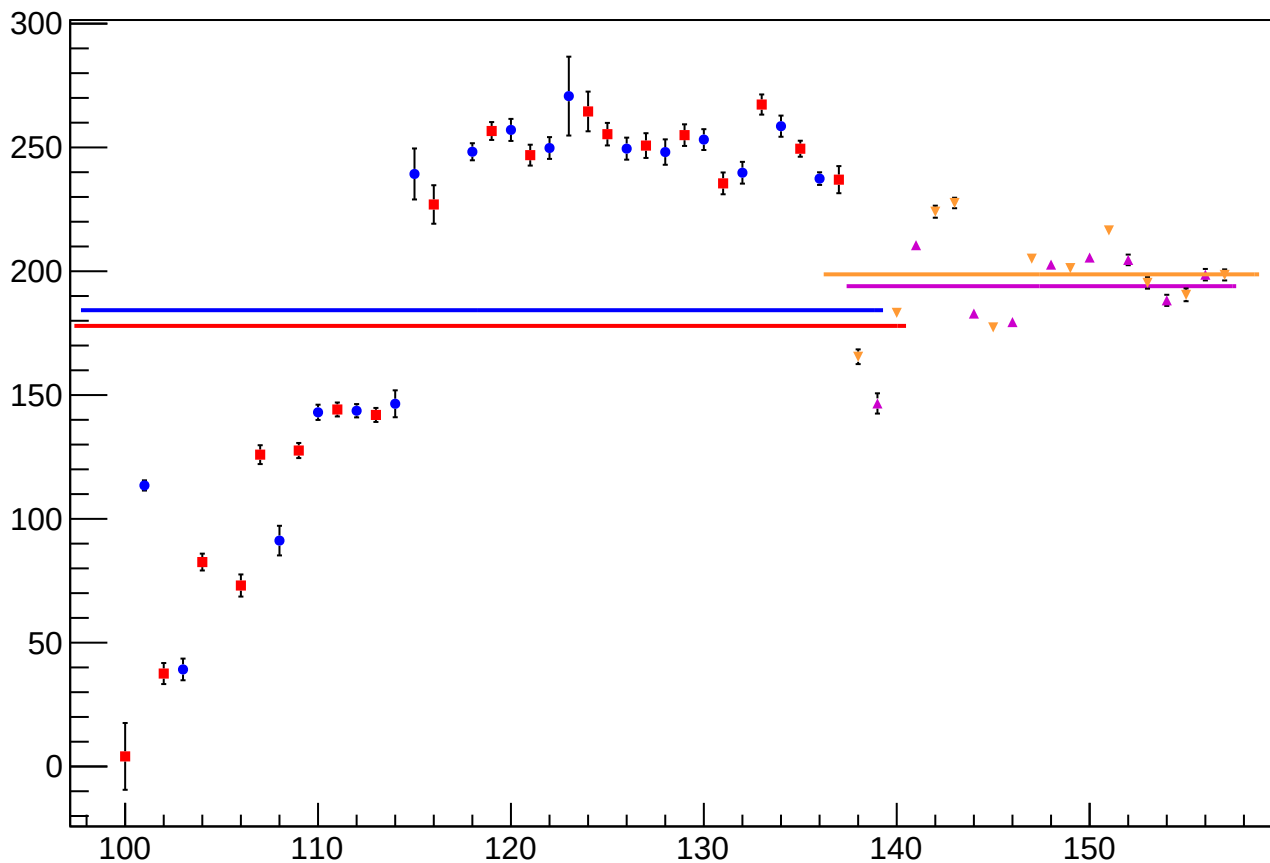
Left In: -133.257 ± 0.734 χ^2/NDF : 808.2/8

+ sign -117.856 ± 0.641 χ^2/NDF : 3196.0/27

All: -119.235 ± 0.455 χ^2/NDF : 6185.7/55

- sign -120.631 ± 0.645 χ^2/NDF : 2980.4/27

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

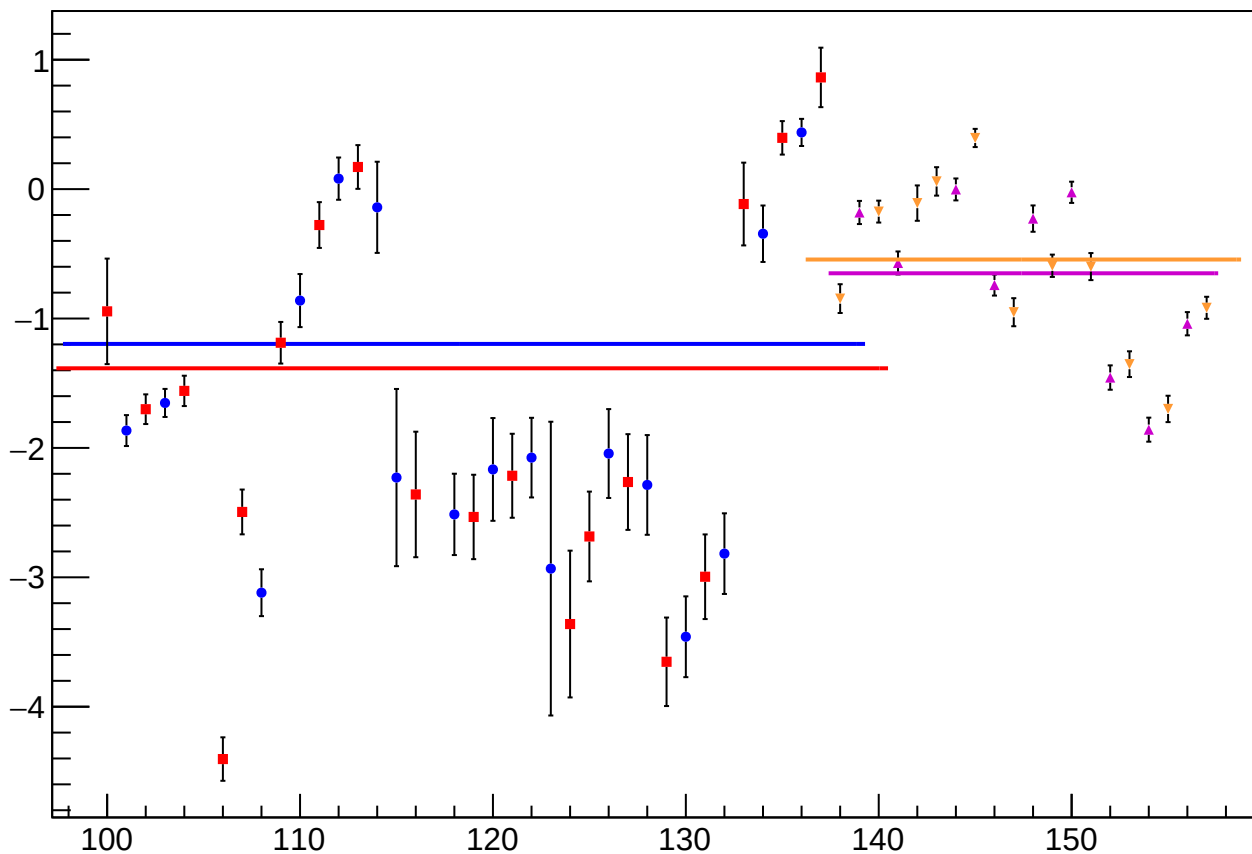
Left In: 193.971 $\pm$ 0.622 χ^2 /NDF: 484.0/8

+ sign 194.350 $\pm$ 0.504 χ^2 /NDF: 6359.8/27

All: 191.725 $\pm$ 0.360 χ^2 /NDF: 13437.9/55

- sign 188.970 $\pm$ 0.516 χ^2 /NDF: 7022.4/27

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

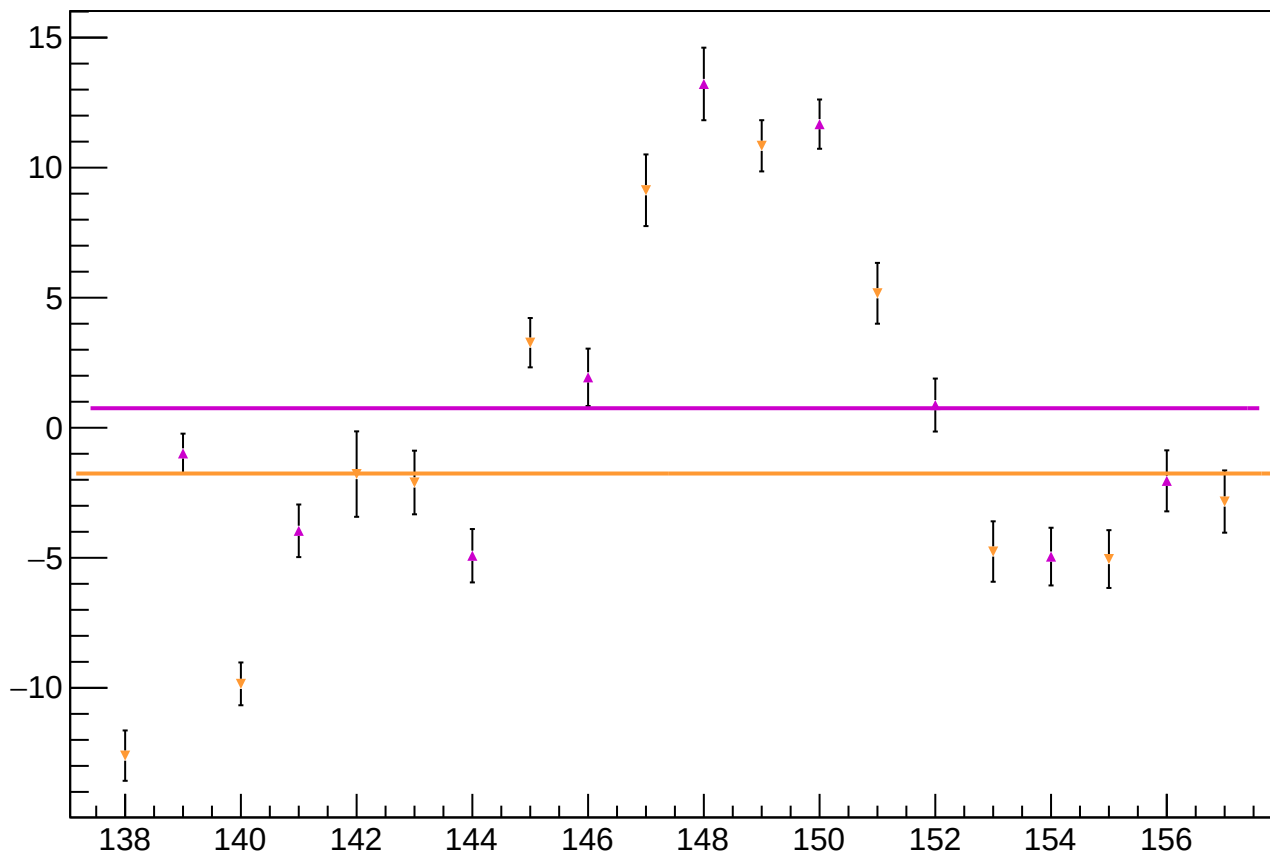
Left In: -0.650 ± 0.030 χ^2/NDF : 425.0/8

+ sign -0.716 ± 0.025 χ^2/NDF : 1232.1/27

All: -0.791 ± 0.018 χ^2/NDF : 2781.4/55

- sign -0.867 ± 0.025 χ^2/NDF : 1530.7/27

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

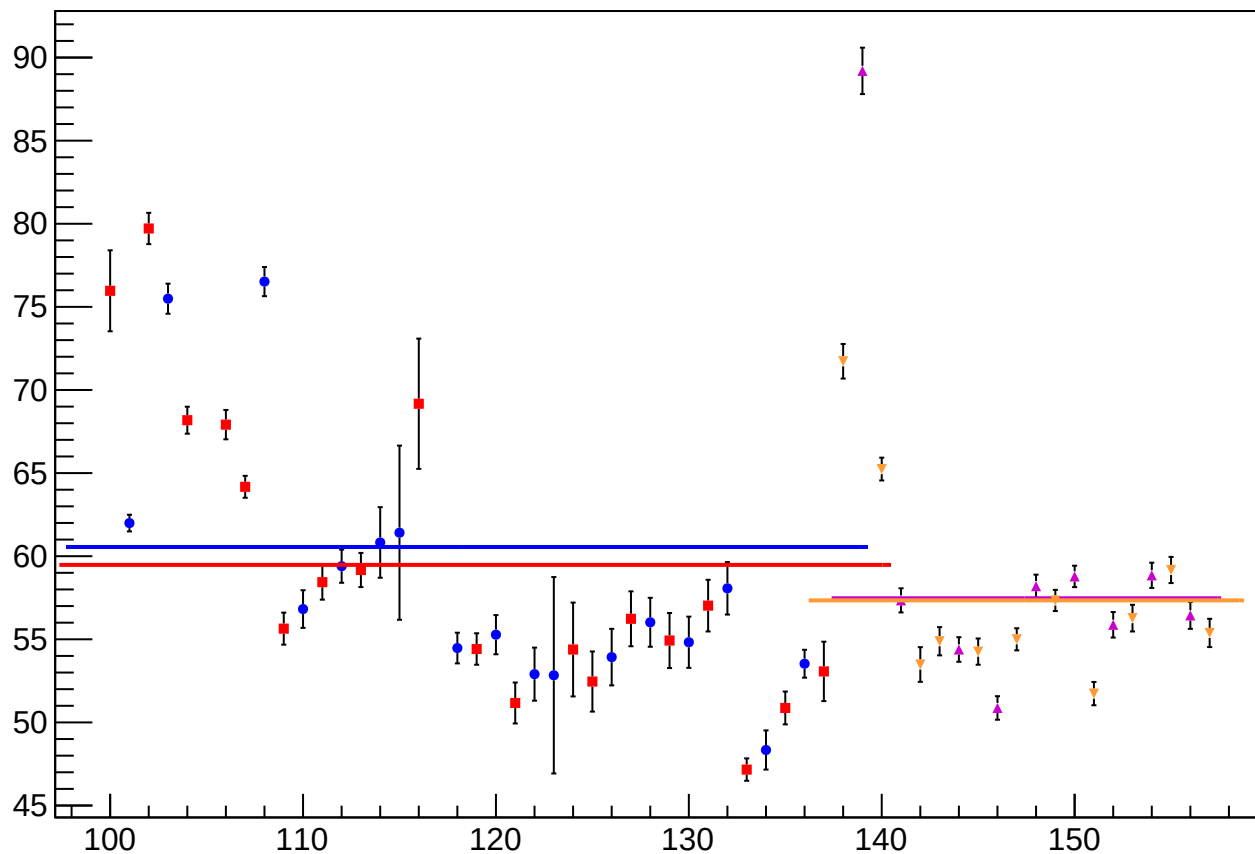
Left In: 0.751+/-0.341 χ^2/NDF : 303.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.548+/-0.237 χ^2/NDF : 859.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 57.342 $\pm$ 0.234 χ^2 /NDF: 449.5/10

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

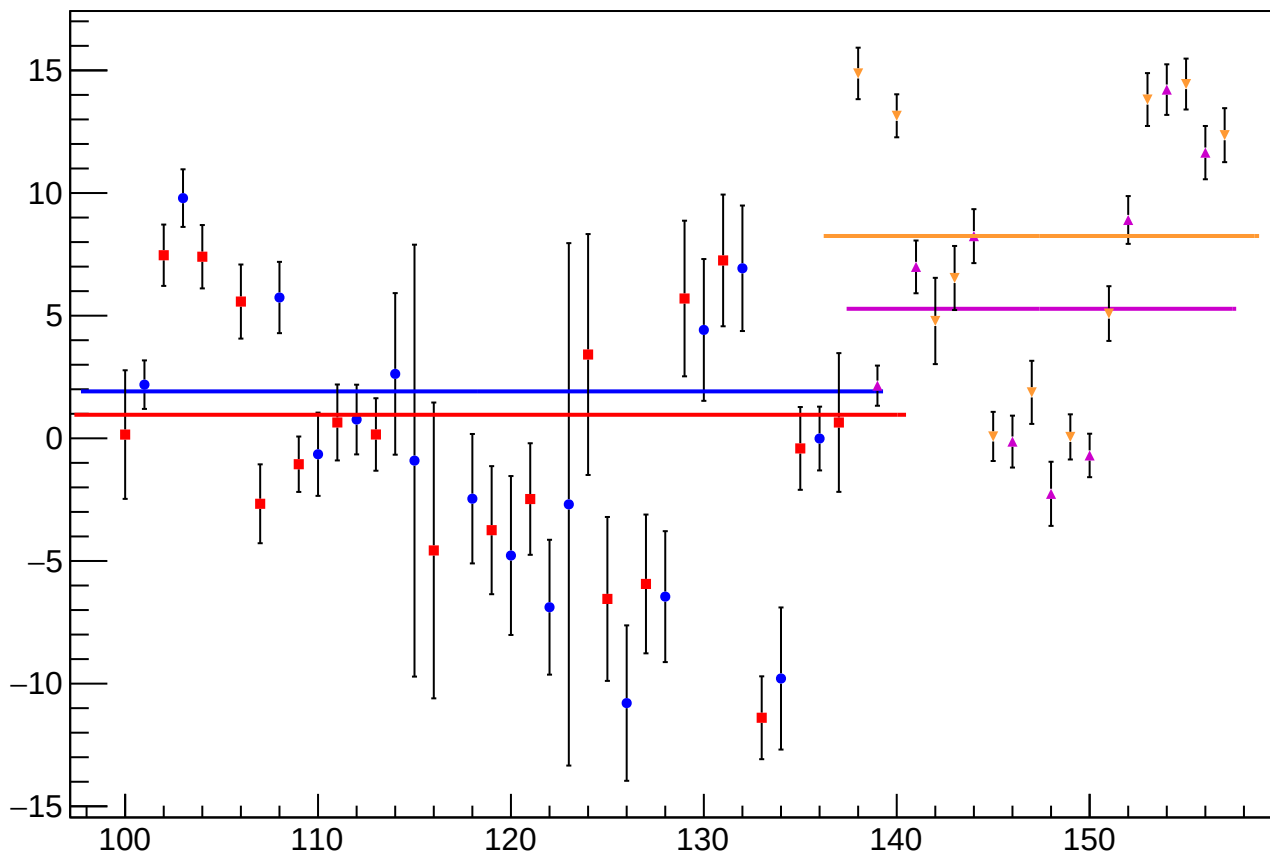
Left In: 57.470 $\pm$ 0.253 χ^2 /NDF: 635.4/8

+ sign 58.770 $\pm$ 0.174 χ^2 /NDF: 1464.0/27

All: 58.633 $\pm$ 0.124 χ^2 /NDF: 3449.8/55

- sign 58.492 $\pm$ 0.177 χ^2 /NDF: 1984.5/27

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

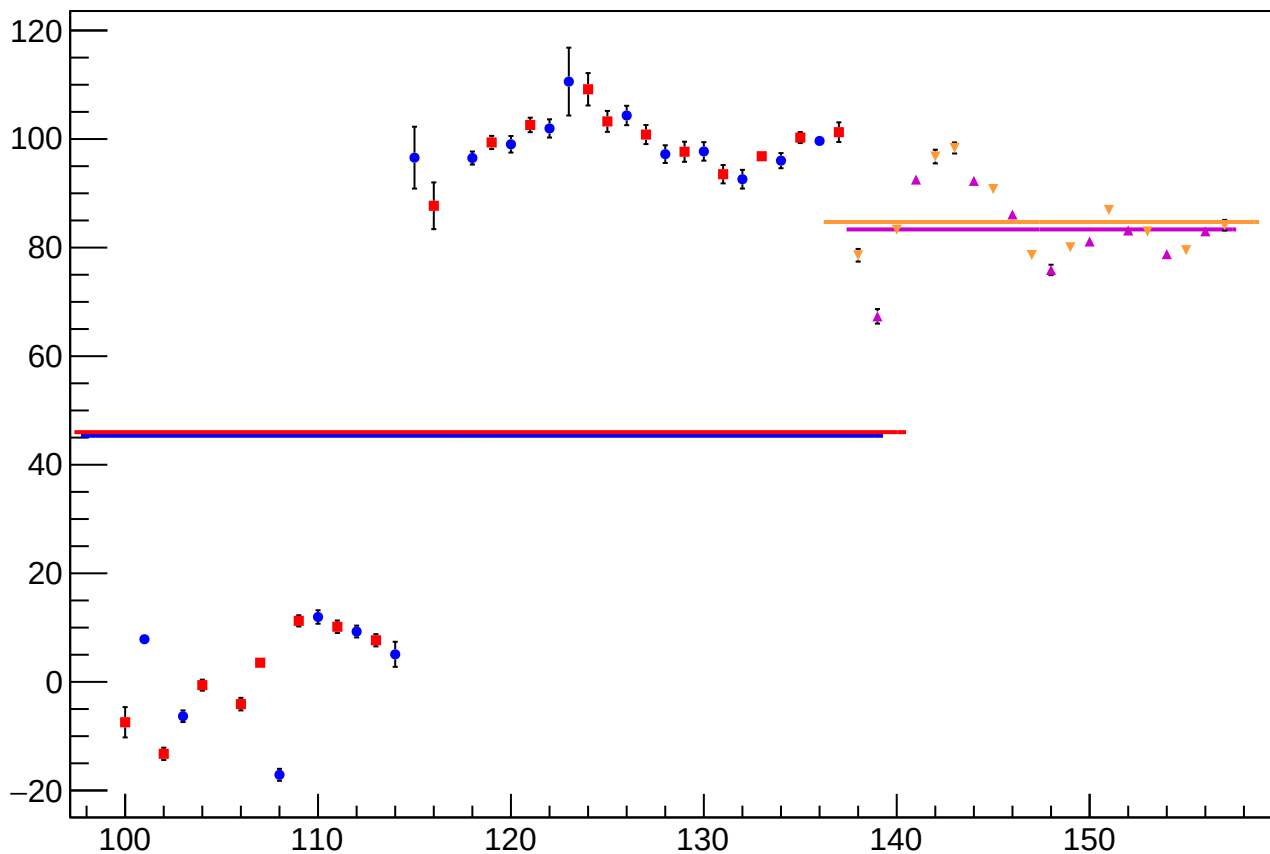
Left In: 5.281 ± 0.338 χ^2/NDF : 252.7/8

+ sign 6.103 ± 0.266 χ^2/NDF : 579.4/27

All: 4.844 ± 0.188 χ^2/NDF : 1089.4/55

- sign 3.606 ± 0.264 χ^2/NDF : 465.7/27

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

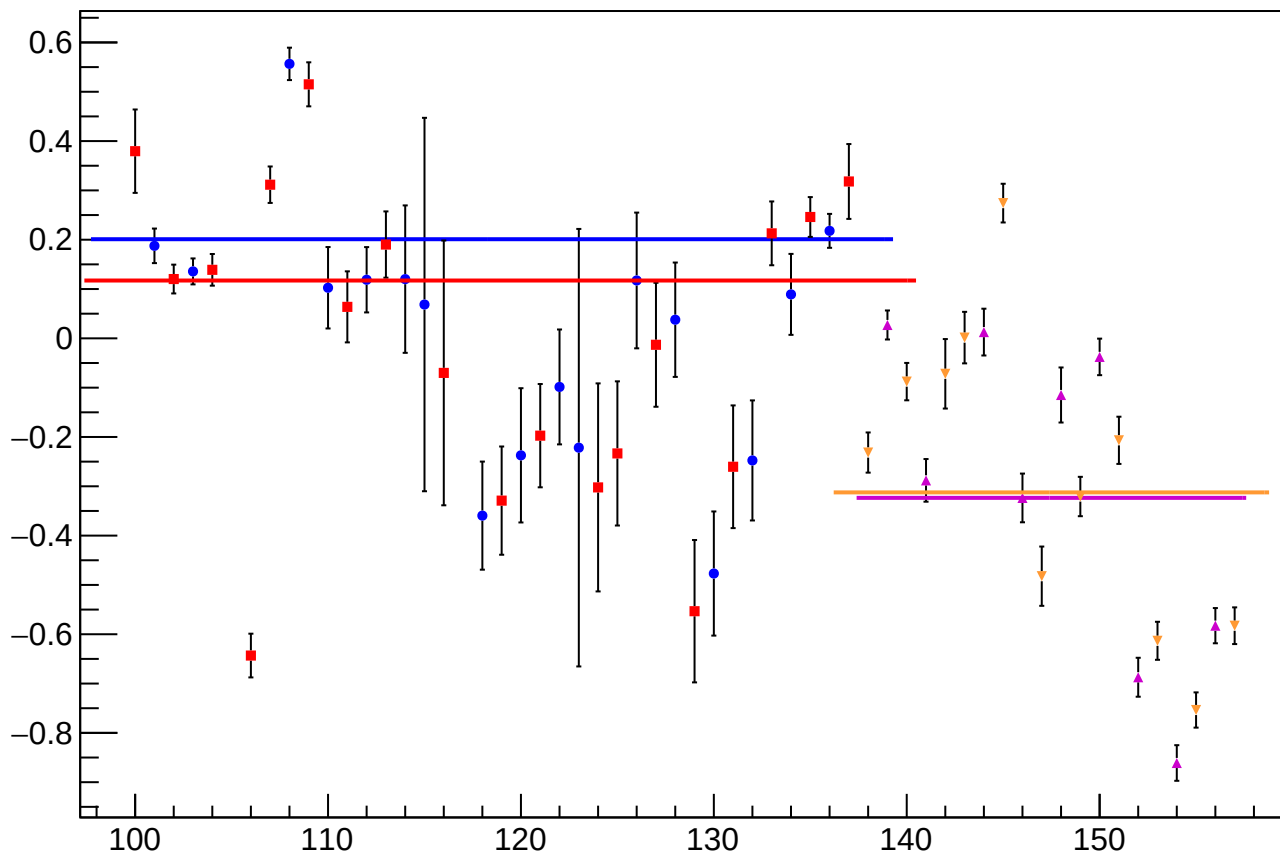
Left In: 83.346 $\pm$ 0.300 χ^2 /NDF: 464.8/8

+ sign 66.540 $\pm$ 0.206 χ^2 /NDF: 34619.9/27

All: 65.280 $\pm$ 0.147 χ^2 /NDF: 71394.7/55

- sign 63.992 $\pm$ 0.208 χ^2 /NDF: 36699.3/27

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

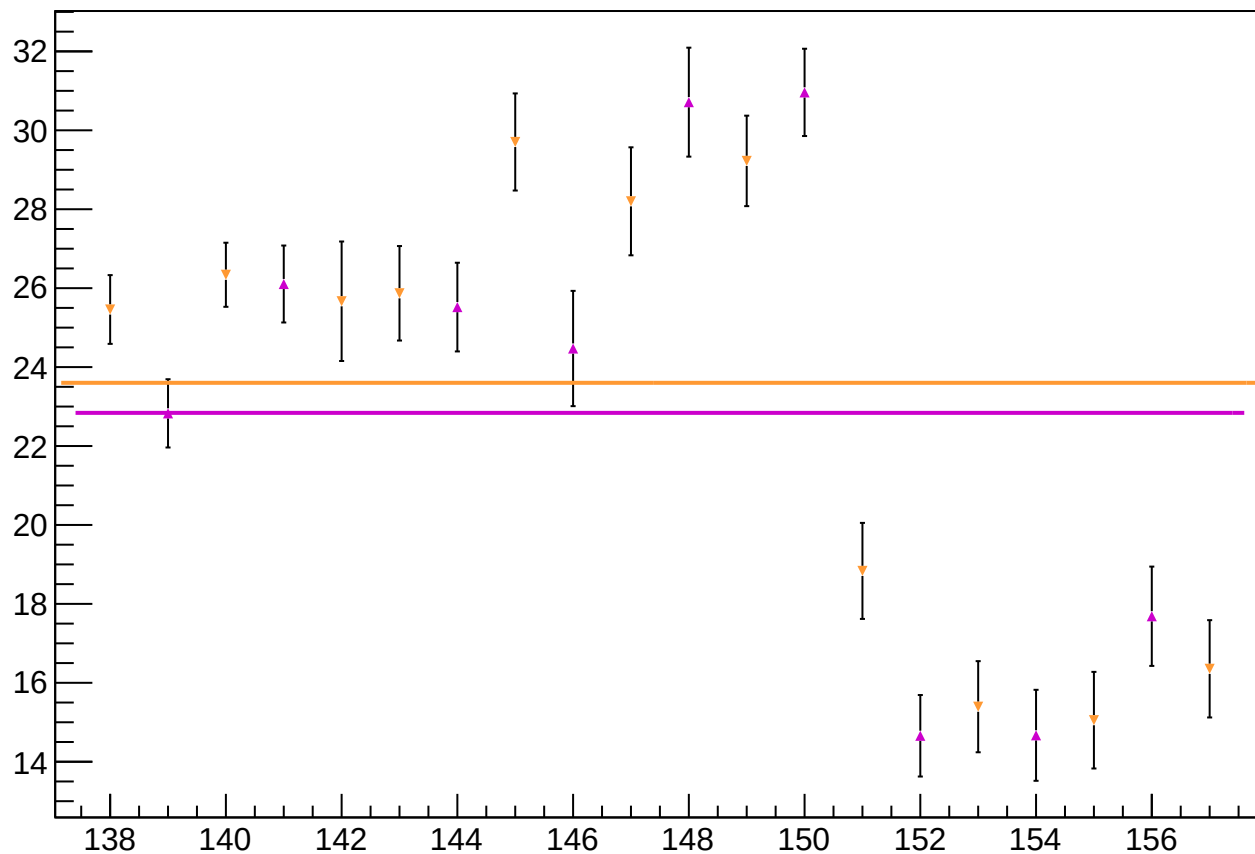
Left In: -0.323 ± 0.013 χ^2/NDF : 625.4/8

+ sign -0.078 ± 0.009 χ^2/NDF : 1533.9/27

All: -0.090 ± 0.007 χ^2/NDF : 3229.9/55

- sign -0.101 ± 0.009 χ^2/NDF : 1693.0/27

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

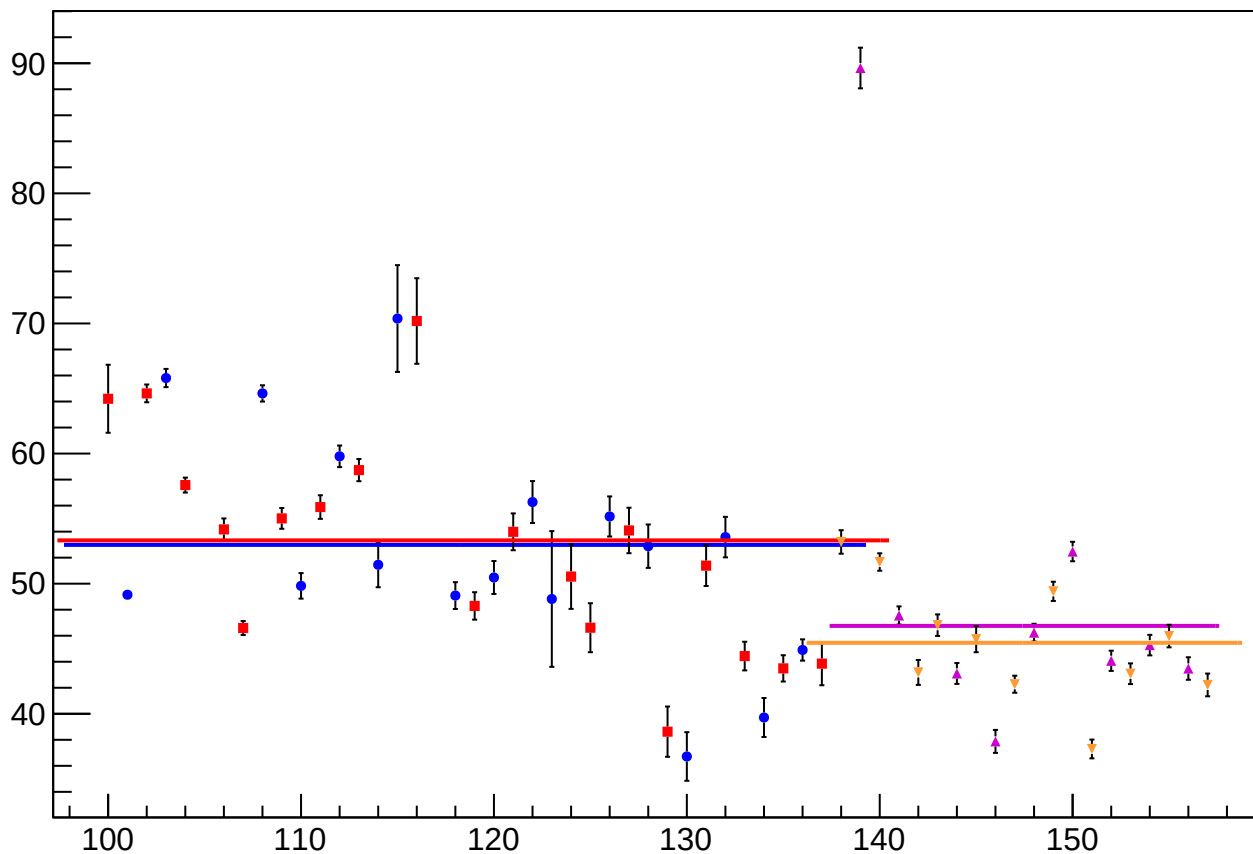
Left In: 22.840+/-0.370 χ^2/NDF :234.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.253+/-0.250 χ^2/NDF : 467.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 ± 0.210 χ^2/NDF : 1197.8/16

Left Out: 45.455 ± 0.240 χ^2/NDF : 371.1/10

Right Out: 53.328 ± 0.227 χ^2/NDF : 872.7/18

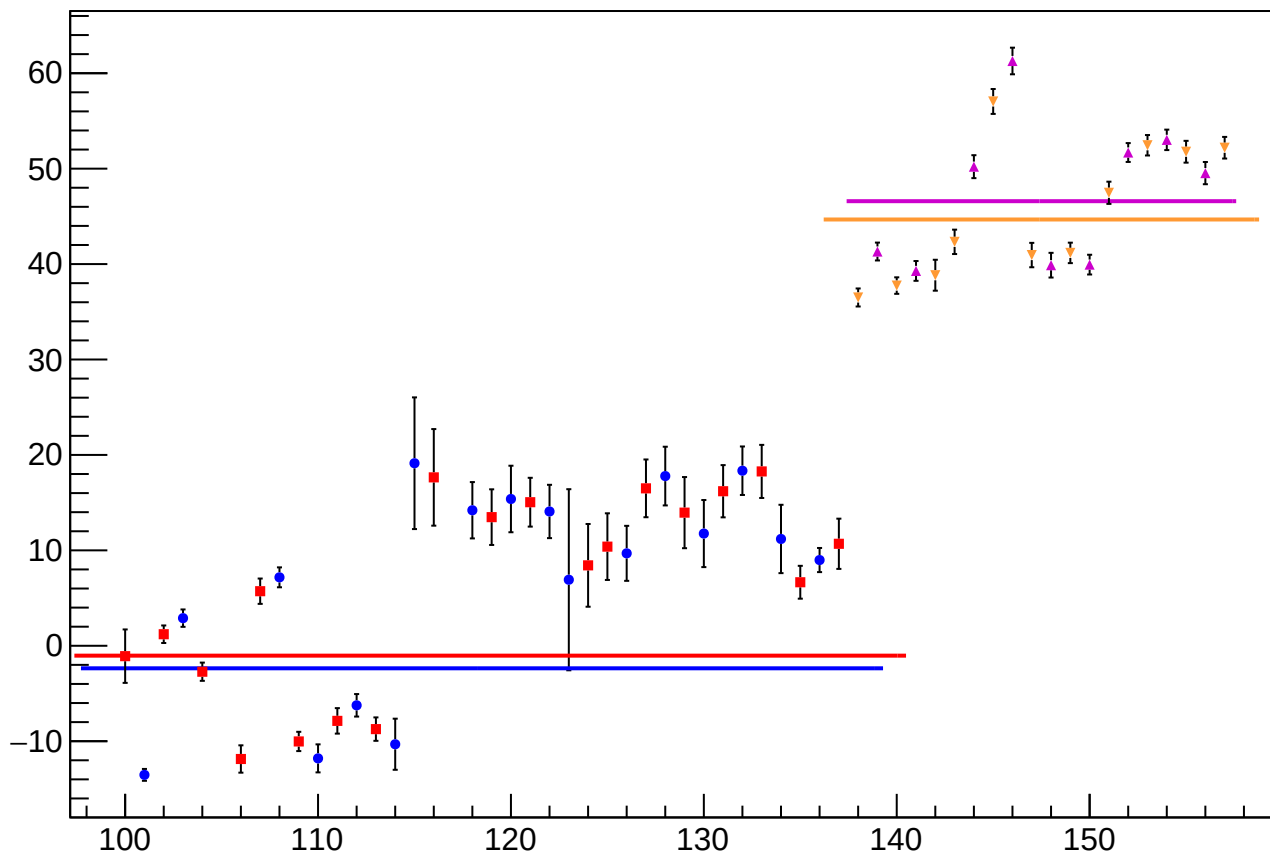
Left In: 46.755 ± 0.269 χ^2/NDF : 964.4/8

+ sign 49.722 ± 0.158 χ^2/NDF : 2124.3/27

All: 50.118 ± 0.117 χ^2/NDF : 4324.9/55

- sign 50.593 ± 0.173 χ^2/NDF : 2186.8/27

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

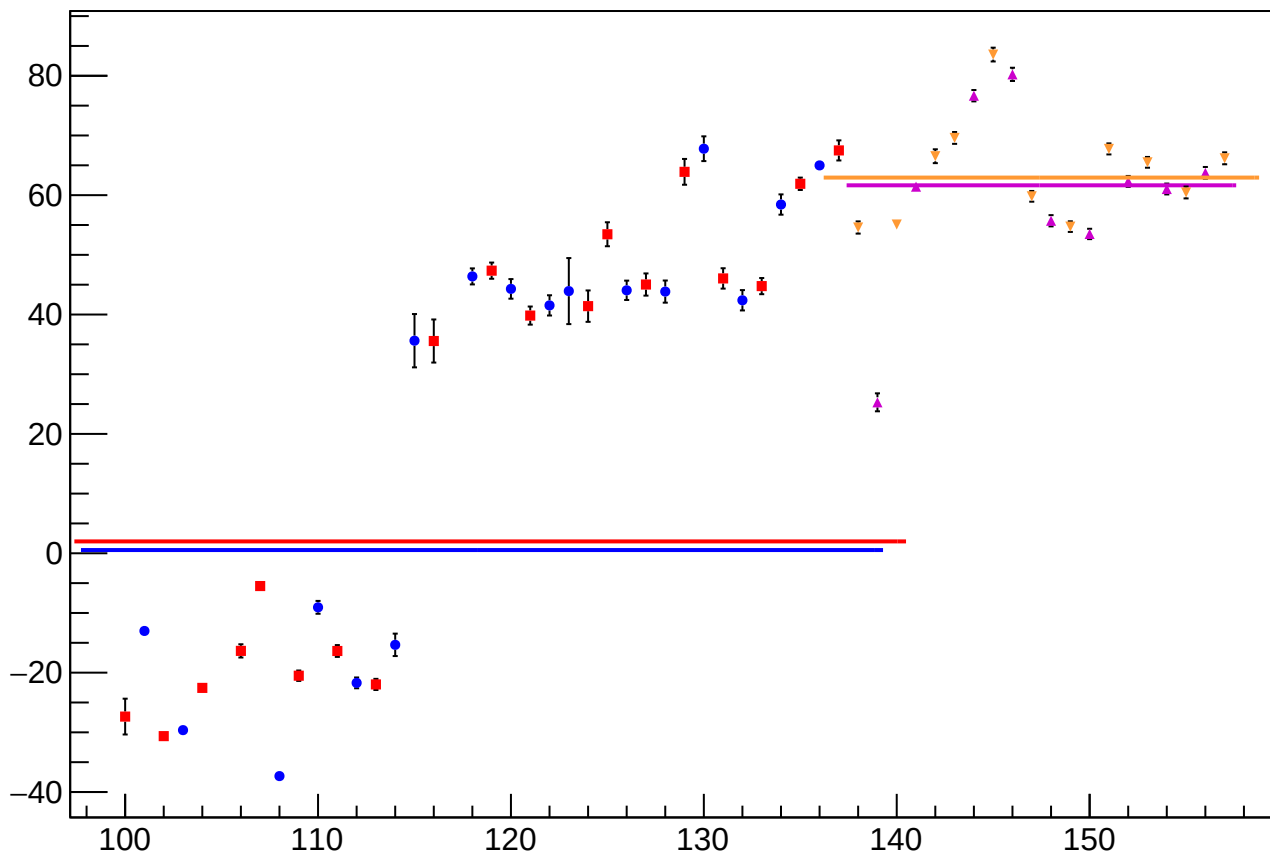
Left In: 46.591 ± 0.367 χ^2/NDF : 338.5/8

+ sign 22.775 ± 0.248 χ^2/NDF : 10178.1/27

All: 23.088 ± 0.180 χ^2/NDF : 19232.5/55

- sign 23.439 ± 0.263 χ^2/NDF : 9051.1/27

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

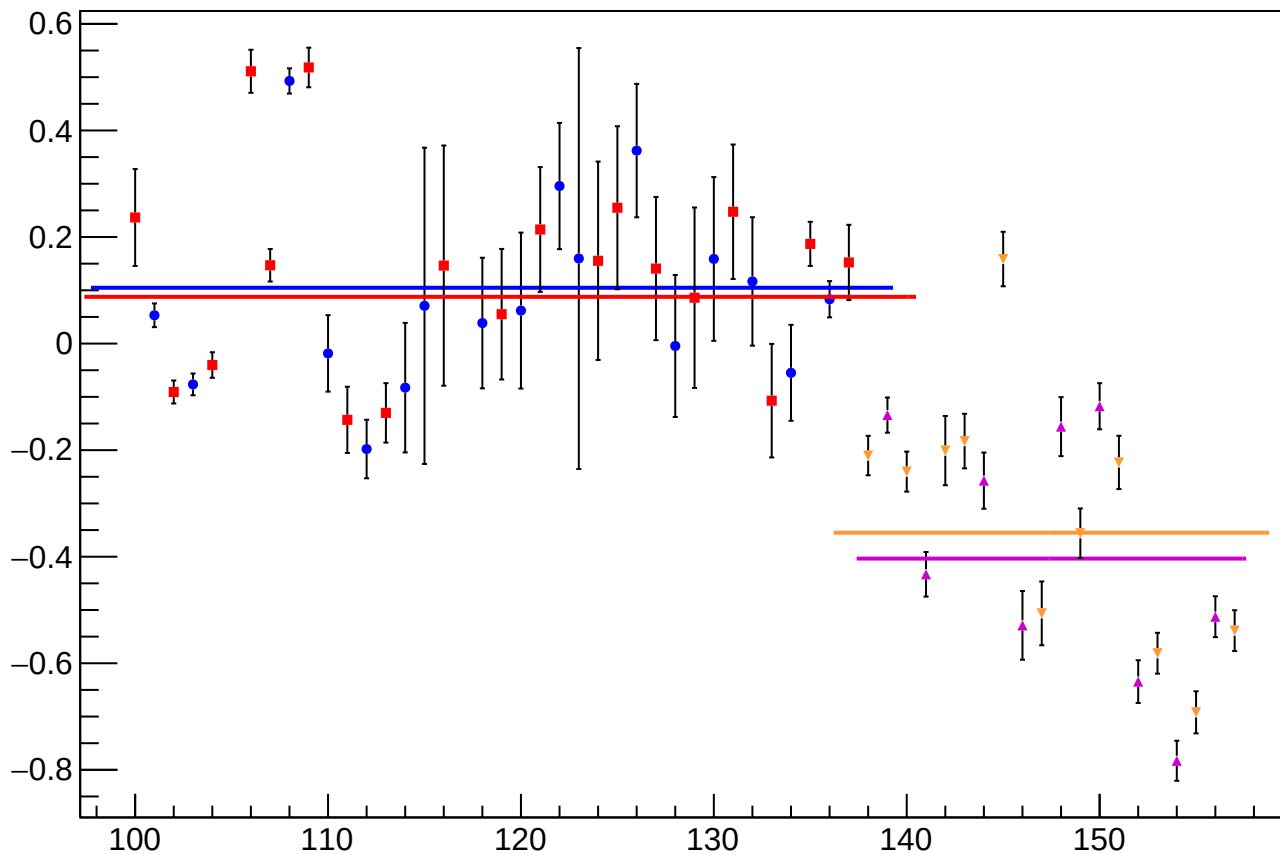
Left In: 61.650 ± 0.322 χ^2/NDF : 1246.9/8

+ sign 26.742 ± 0.188 χ^2/NDF : 45970.0/27

All: 26.530 ± 0.139 χ^2/NDF : 83095.3/55

- sign 26.277 ± 0.205 χ^2/NDF : 37122.5/27

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

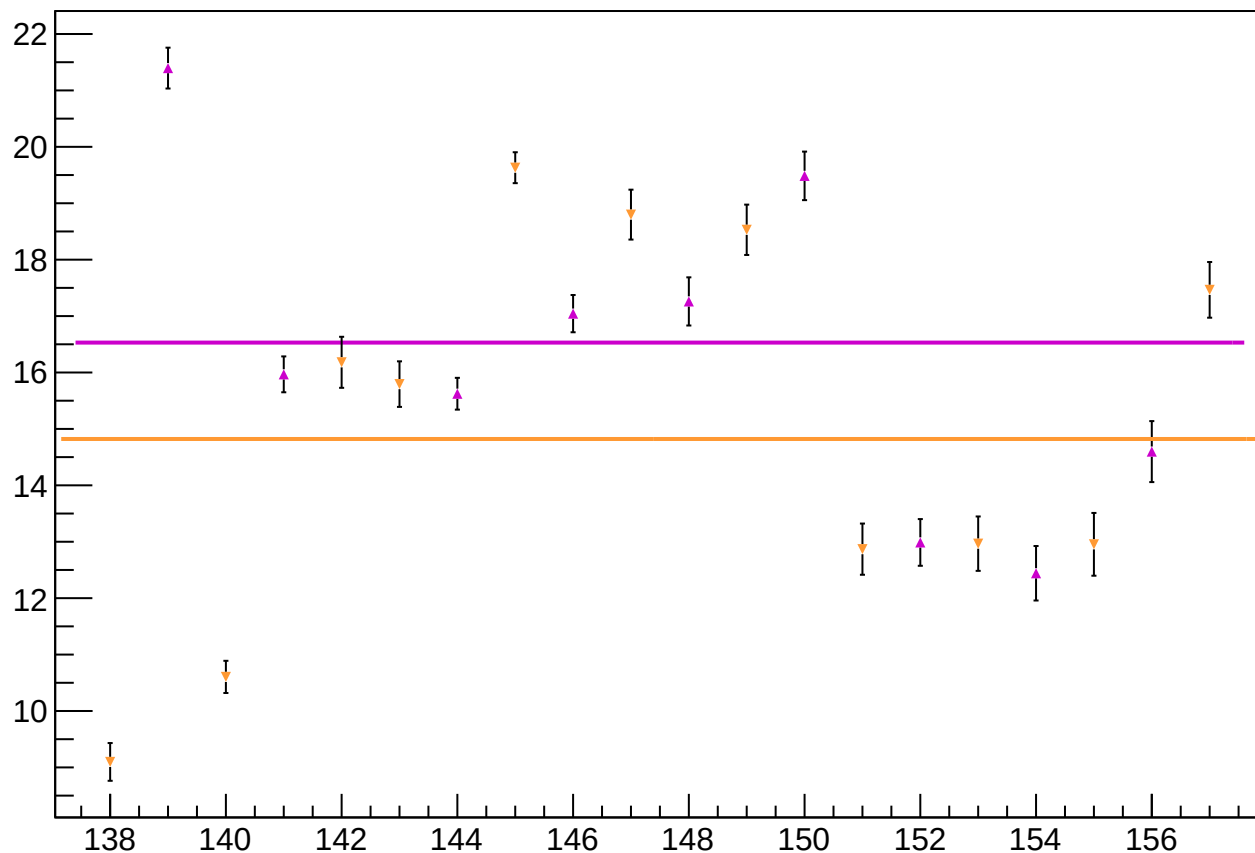
Left In: -0.404 ± 0.014 χ^2/NDF : 285.4/8

+ sign -0.081 ± 0.009 χ^2/NDF : 1389.7/27

All: -0.089 ± 0.006 χ^2/NDF : 2815.5/55

- sign -0.097 ± 0.009 χ^2/NDF : 1424.2/27

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

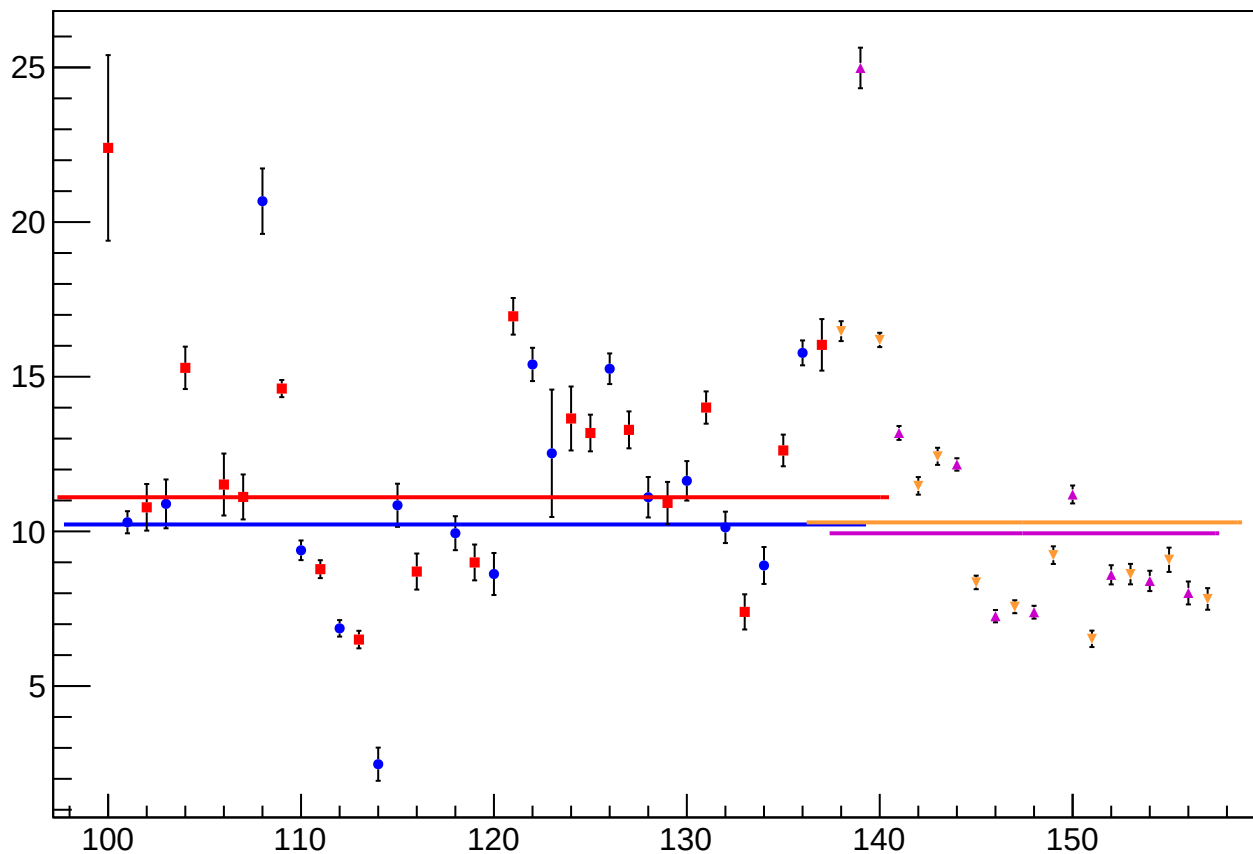
Left In: 16.530+/-0.125 χ^2/NDF : 404.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.623+/-0.086 χ^2/NDF : 1560.1/19

- 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

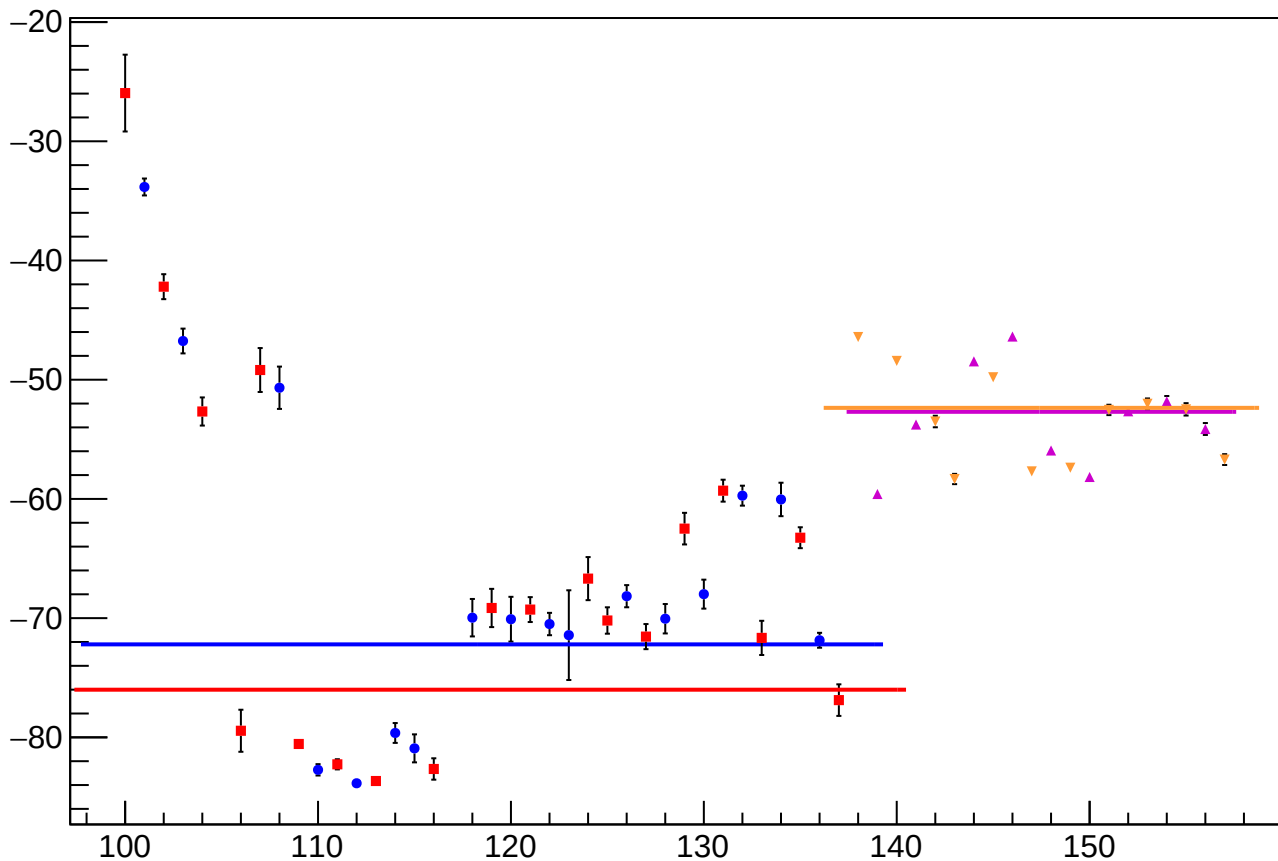
Left In: 9.938 $\pm$ 0.086 χ^2 /NDF:1275.5/8

+ sign 10.269 $\pm$ 0.068 χ^2 /NDF: 2521.4/27

All: 10.310 $\pm$ 0.048 χ^2 /NDF: 4679.5/55

- sign 10.352 $\pm$ 0.069 χ^2 /NDF: 2157.4/27

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

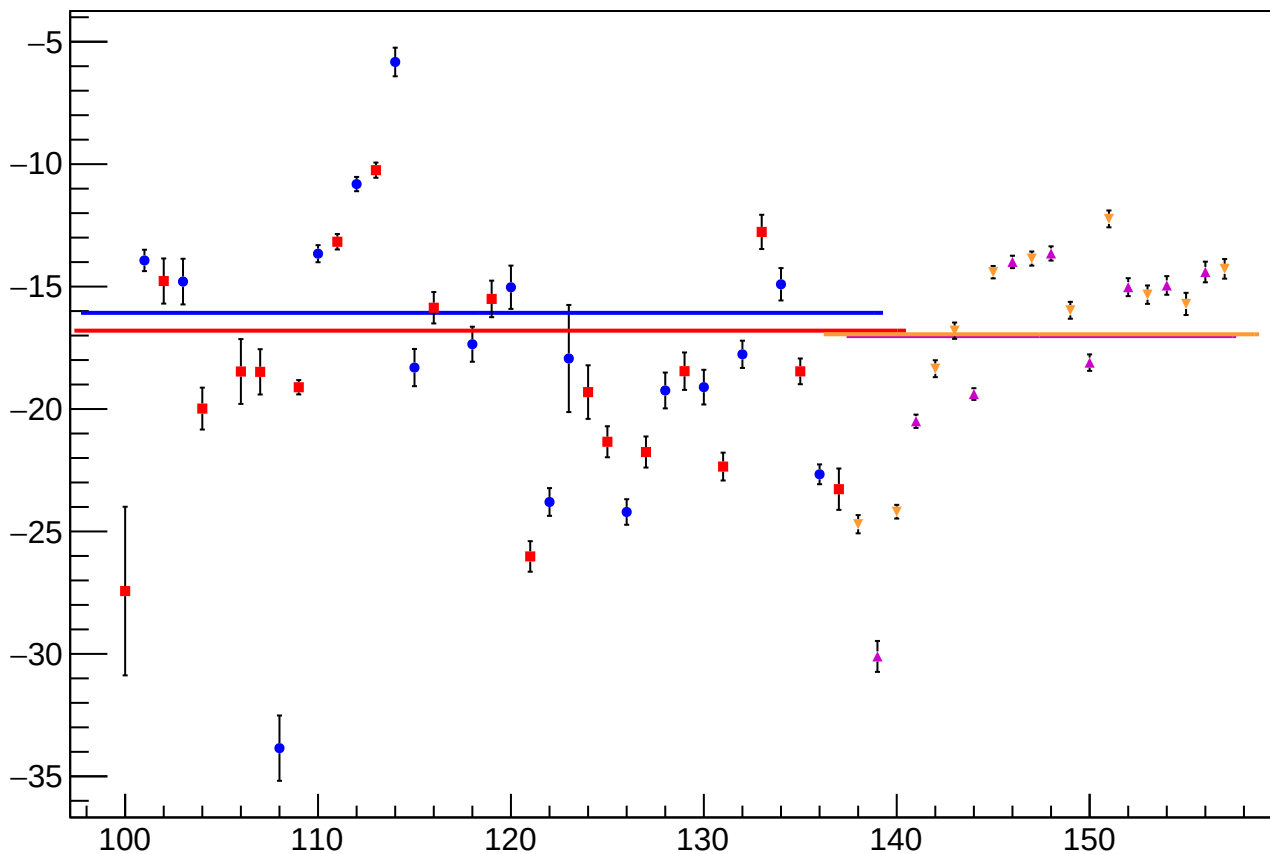
Left In: -52.693 ± 0.125 χ^2/NDF : 1176.4/8

+ sign -57.658 ± 0.102 χ^2/NDF : 14064.0/27

All: -58.933 ± 0.072 χ^2/NDF : 30253.6/55

- sign -60.226 ± 0.103 χ^2/NDF : 15876.0/27

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -16.948 ± 0.100 χ^2/NDF : 1601.2/10

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

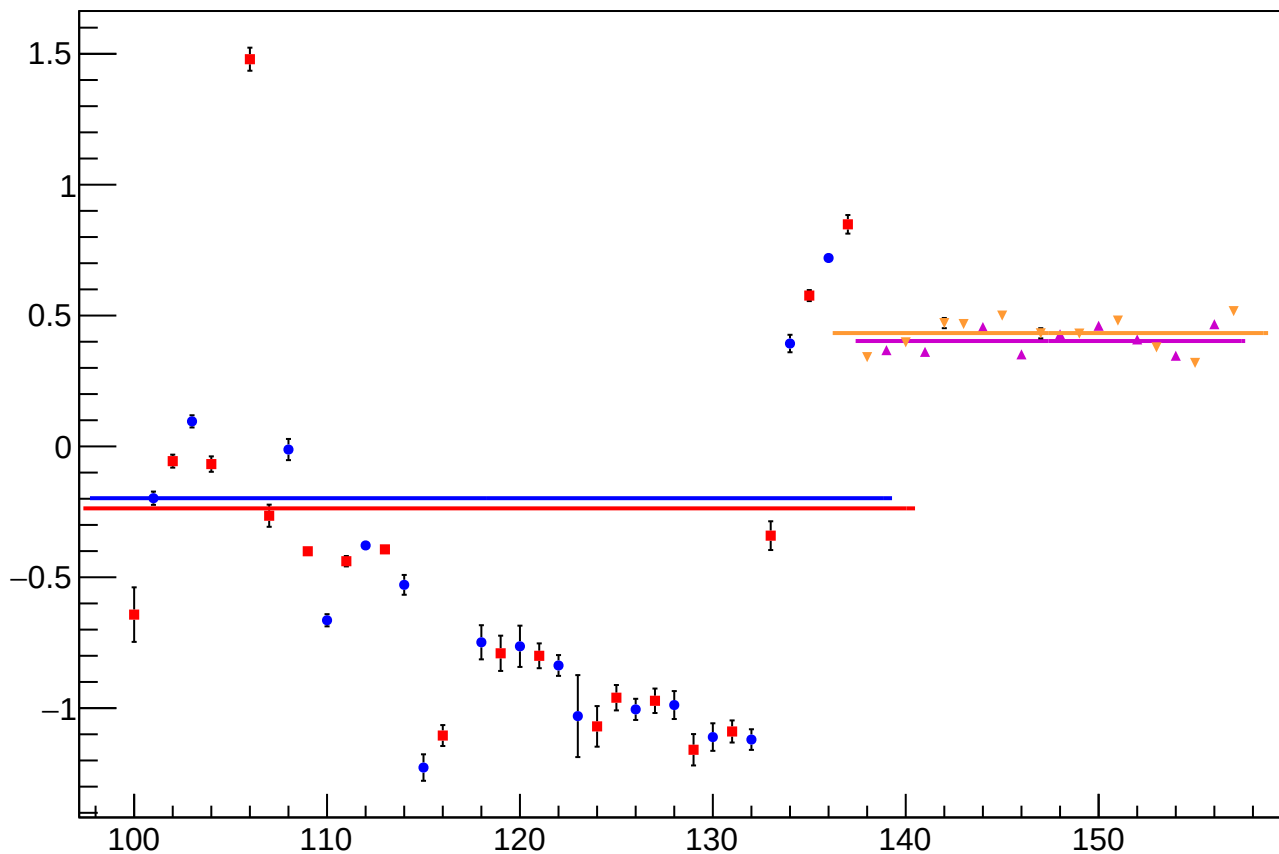
Left In: -17.022 ± 0.105 χ^2/NDF : 1077.6/8

+ sign -16.629 ± 0.080 χ^2/NDF : 3270.1/27

All: -16.777 ± 0.057 χ^2/NDF : 5572.3/55

- sign -16.932 ± 0.081 χ^2/NDF : 2295.2/27

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

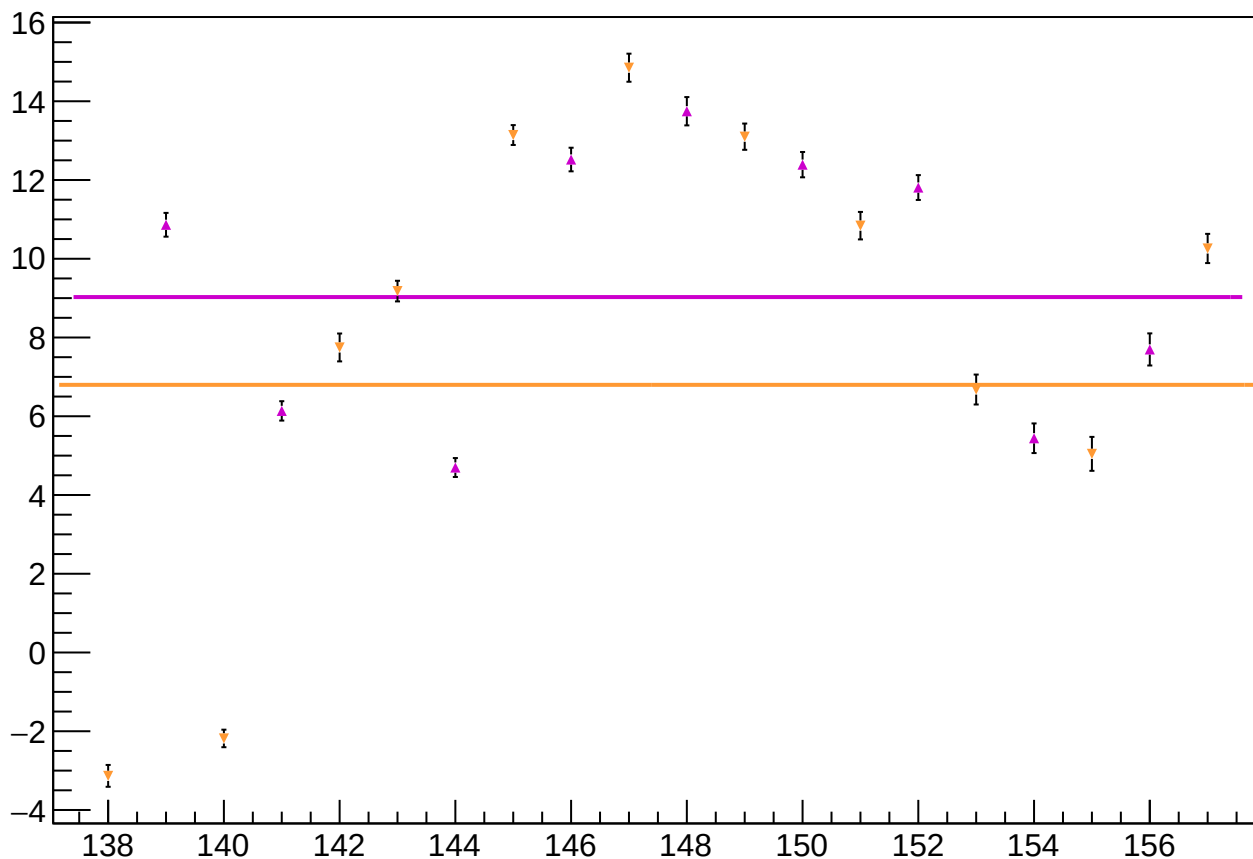
Left In: 0.403 ± 0.005 χ^2/NDF : 86.4/8

+ sign 0.252 ± 0.004 χ^2/NDF : 11519.5/27

All: 0.223 ± 0.003 χ^2/NDF : 23266.0/55

- sign 0.192 ± 0.004 χ^2/NDF : 11635.3/27

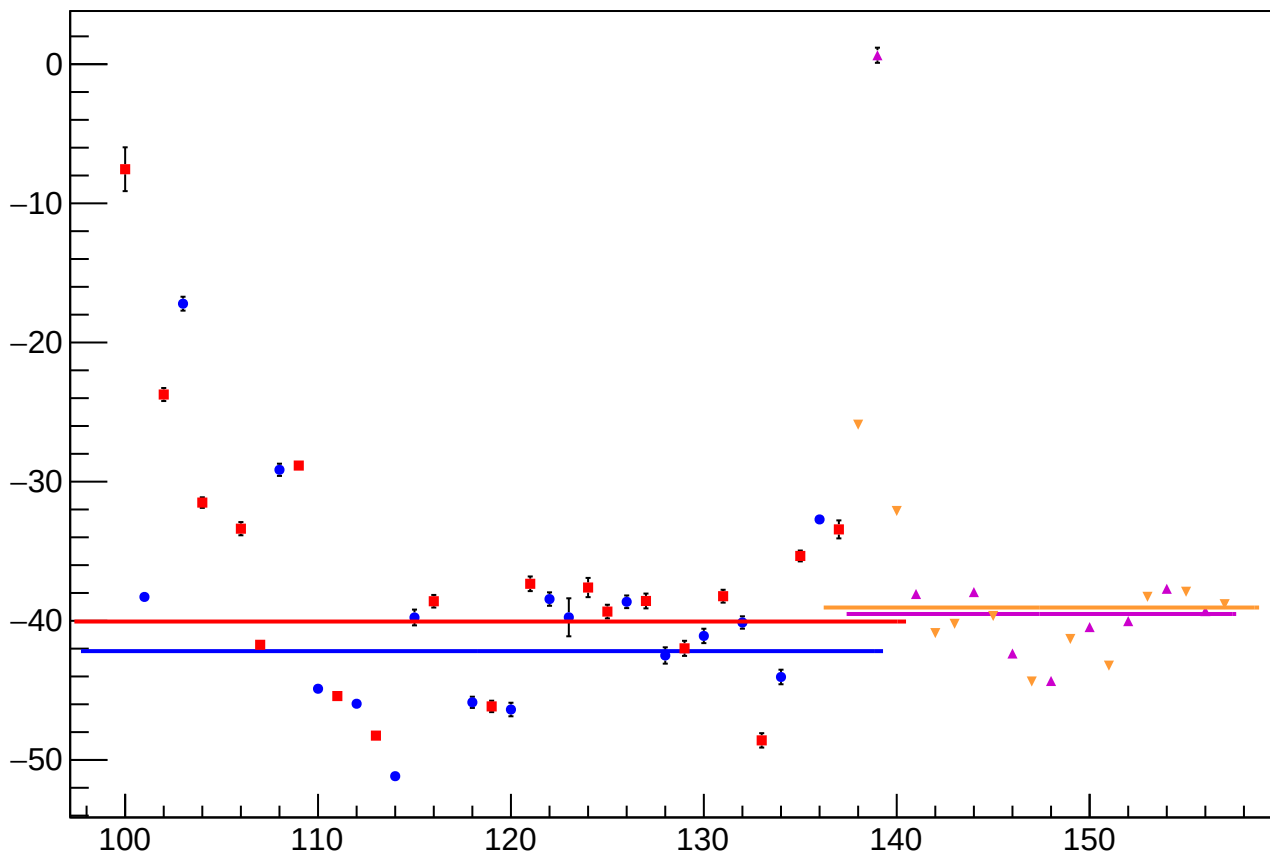
reg_asym_sam8_diff_bpm1X_slope vs Slug



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: 9.027+/-0.102 χ^2/NDF : 1095.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.810+/-0.069 χ^2/NDF : 6090.8/19
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -39.046 ± 0.065 χ^2/NDF : 5497.4/10

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

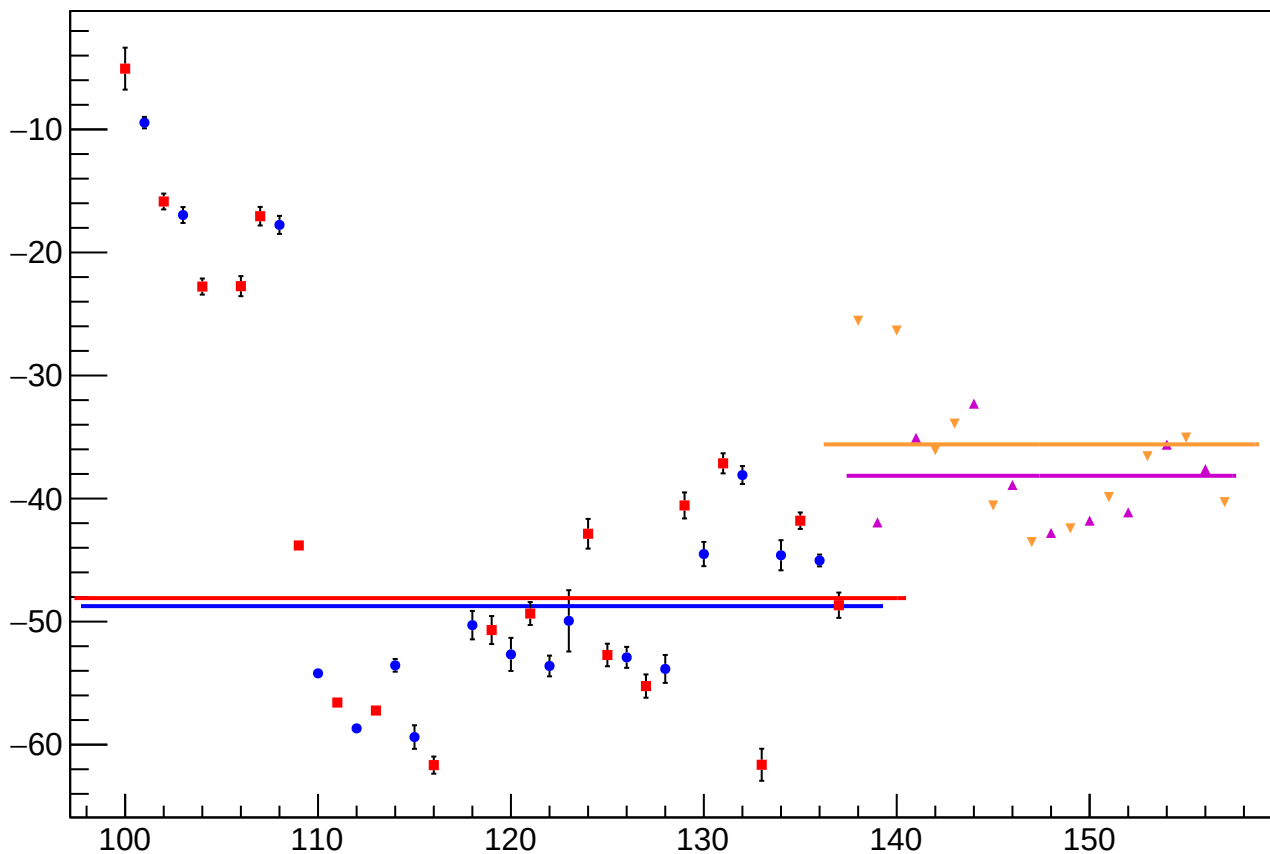
Left In: -39.510 ± 0.071 χ^2/NDF : 6643.3/8

+ sign -40.327 ± 0.050 χ^2/NDF : 13030.5/27

All: -40.057 ± 0.036 χ^2/NDF : 31076.1/55

- sign -39.774 ± 0.051 χ^2/NDF : 17985.3/27

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -35.598 ± 0.094 $\chi^2/\text{NDF}: 4428.6/10$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

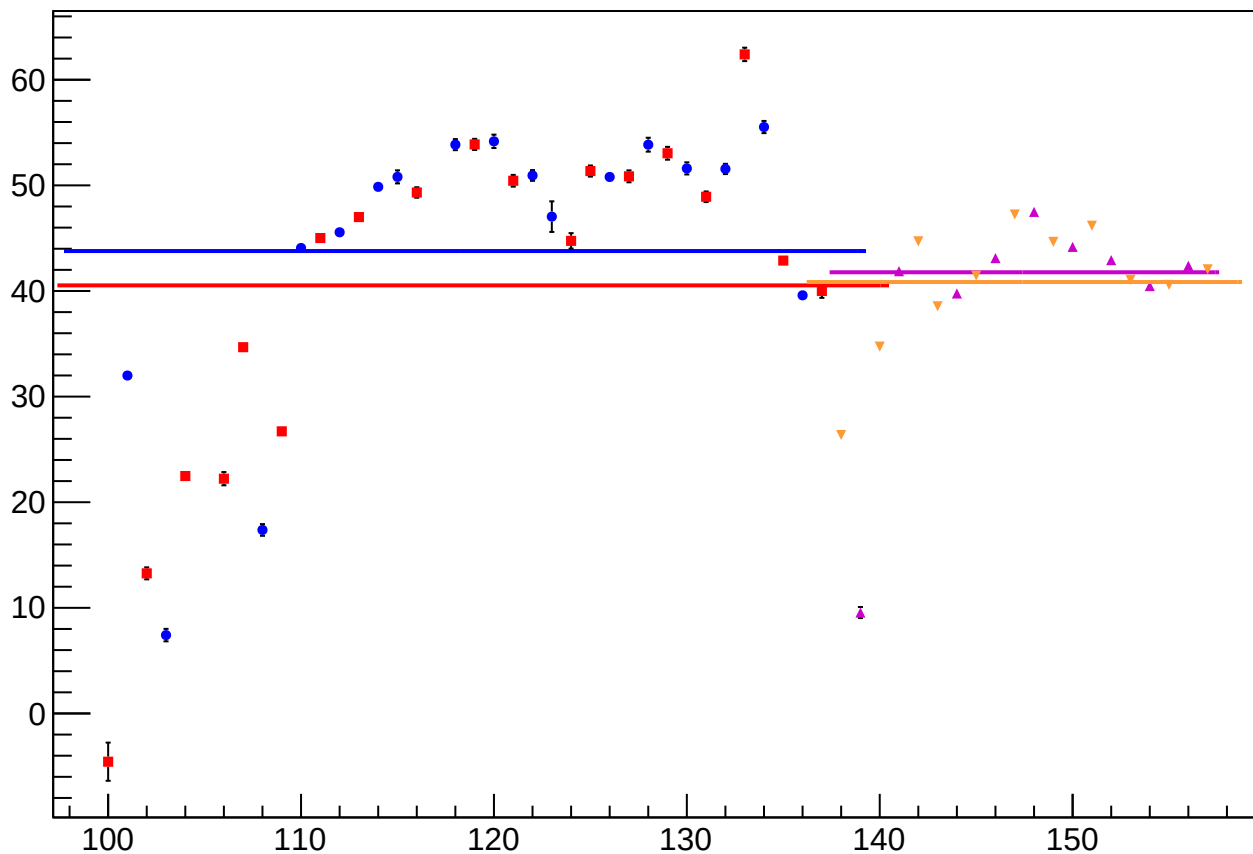
Left In: -38.150 ± 0.101 $\chi^2/\text{NDF}: 1286.9/8$

+ sign -40.365 ± 0.075 $\chi^2/\text{NDF}: 26200.7/27$

All: -41.626 ± 0.053 $\chi^2/\text{NDF}: 44312.0/55$

- sign -42.846 ± 0.074 $\chi^2/\text{NDF}: 17554.1/27$

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

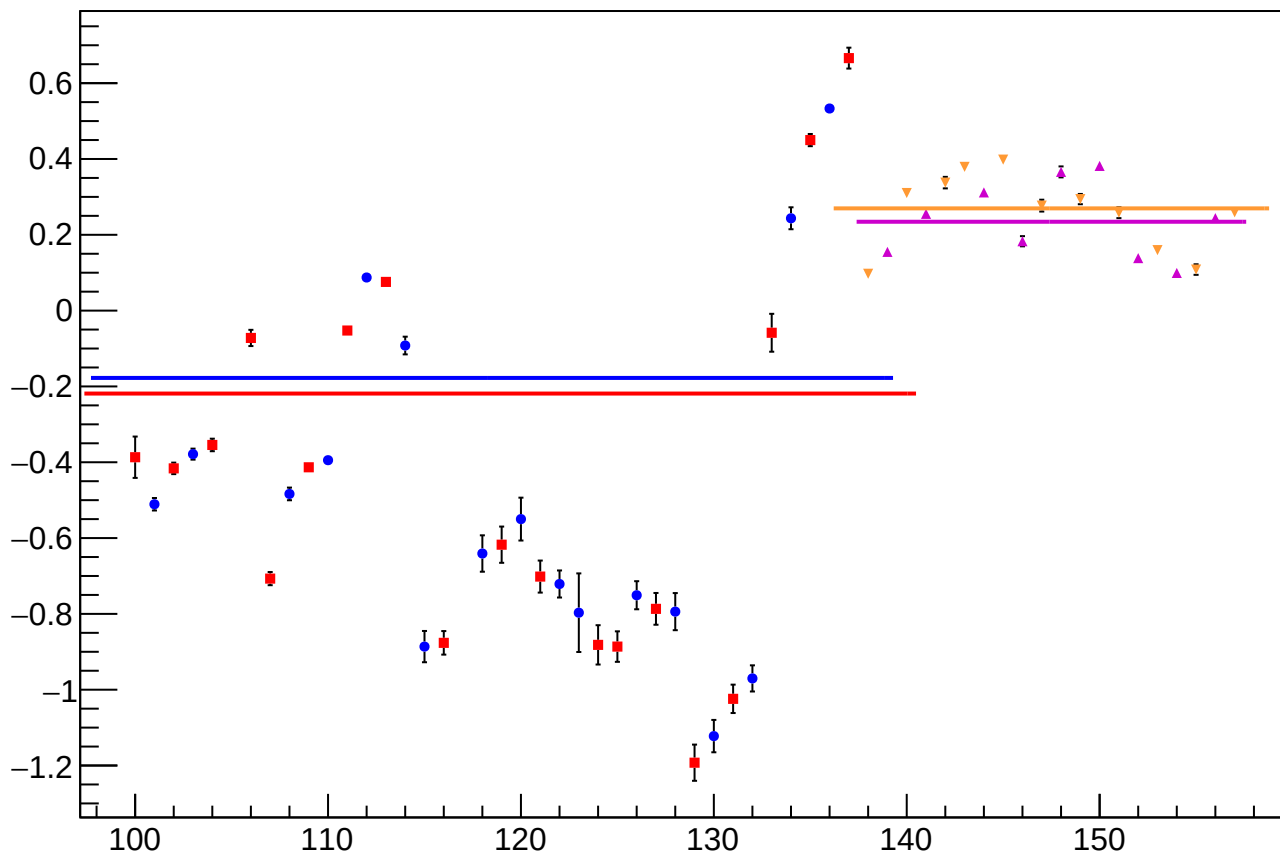
Left In: 41.772 $\pm$ 0.086 χ^2 /NDF: 4582.6/8

+ sign 42.172 $\pm$ 0.058 χ^2 /NDF: 15932.0/27

All: 41.644 $\pm$ 0.041 χ^2 /NDF: 38372.7/55

- sign 41.108 $\pm$ 0.059 χ^2 /NDF: 22274.7/27

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 $\chi^2/\text{NDF}: 7375.8/16$

Left Out: 0.270 ± 0.004 $\chi^2/\text{NDF}: 704.1/10$

Right Out: -0.219 ± 0.004 $\chi^2/\text{NDF}: 7470.0/18$

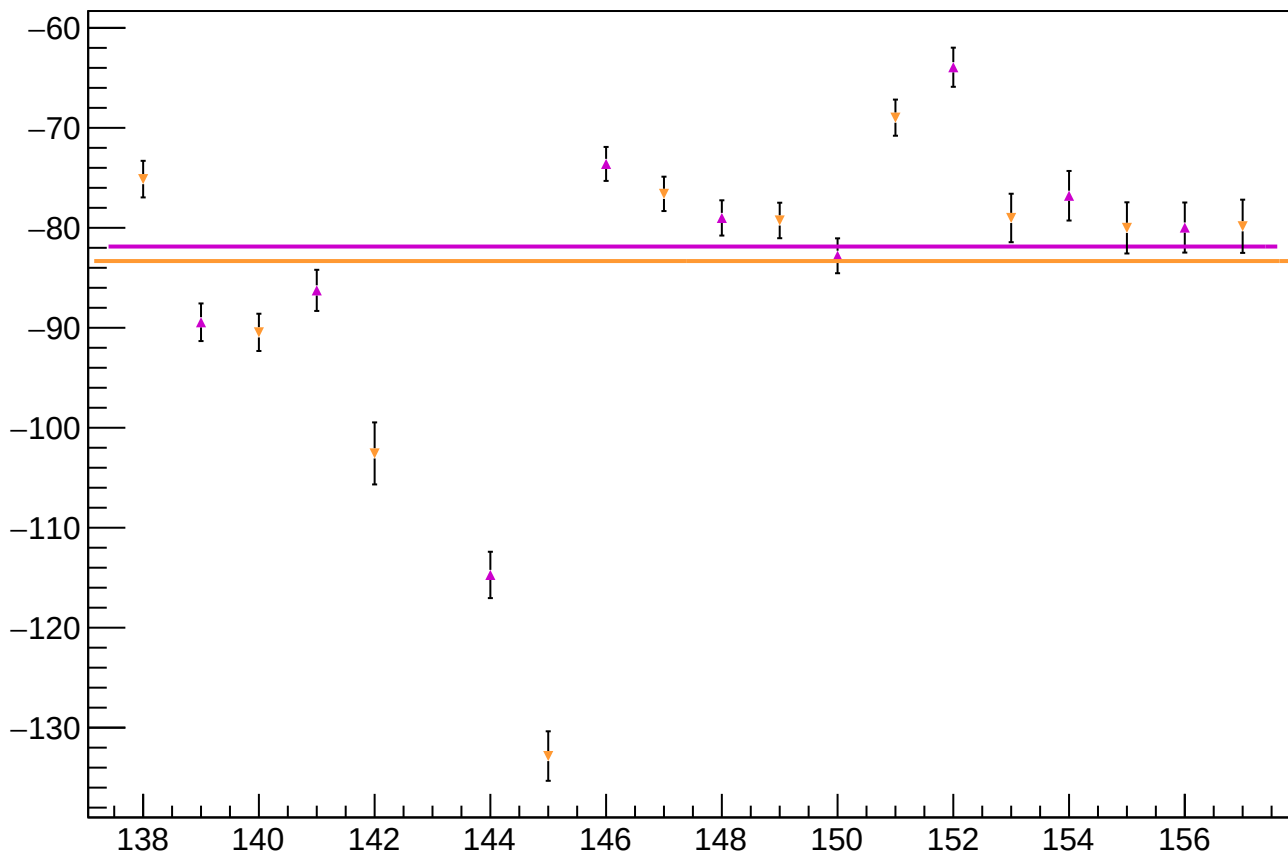
Left In: 0.234 ± 0.004 $\chi^2/\text{NDF}: 515.6/8$

+ sign 0.102 ± 0.003 $\chi^2/\text{NDF}: 13421.5/27$

All: 0.061 ± 0.002 $\chi^2/\text{NDF}: 27657.3/55$

- sign 0.021 ± 0.003 $\chi^2/\text{NDF}: 13864.2/27$

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.325+/-0.662 χ^2/NDF : 563.2/9

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

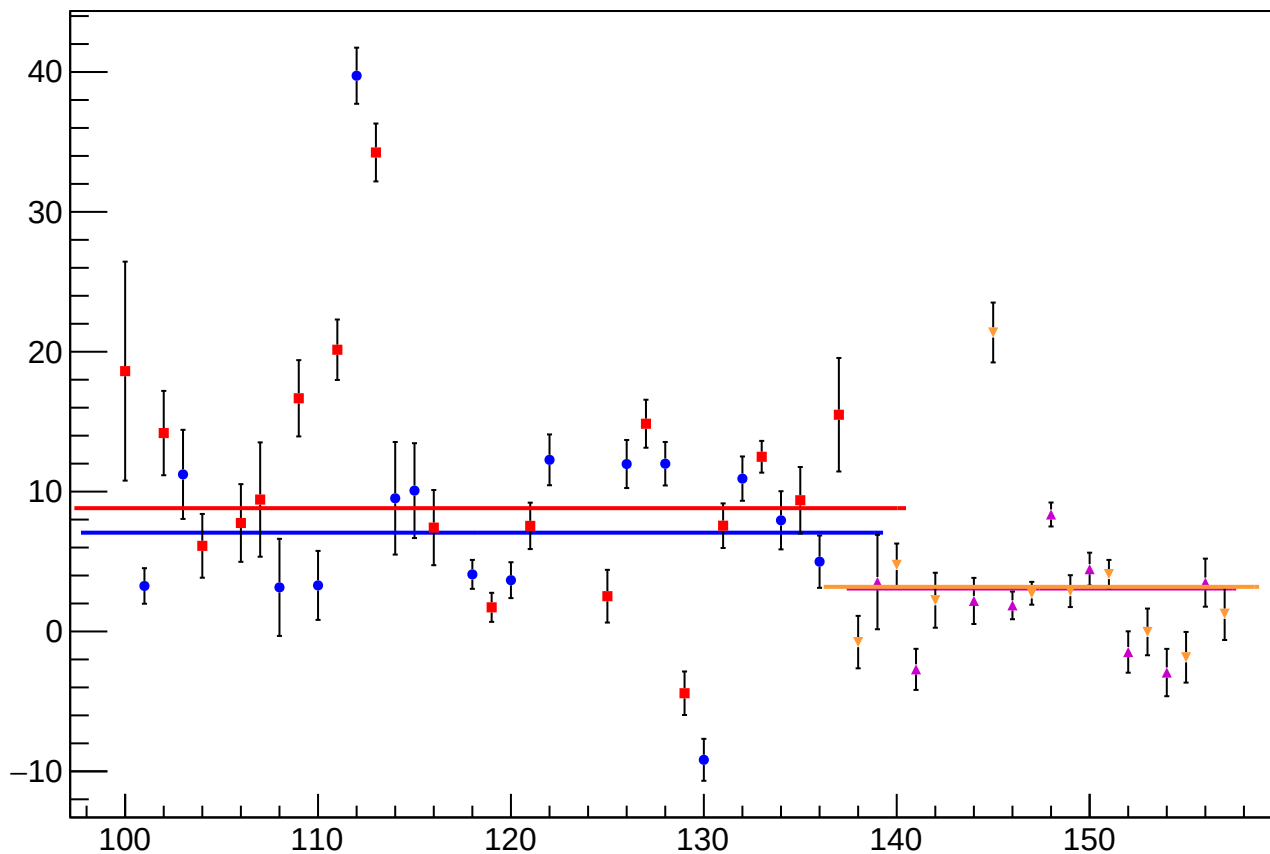
Left In: -81.873+/-0.662 χ^2/NDF : 336.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.598+/-0.468 χ^2/NDF : 902.6/18

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 $\pm$ 0.434 χ^2 /NDF: 446.9/15

Left Out: 3.191 $\pm$ 0.431 χ^2 /NDF: 91.7/9

Right Out: 8.816 $\pm$ 0.449 χ^2 /NDF: 350.4/17

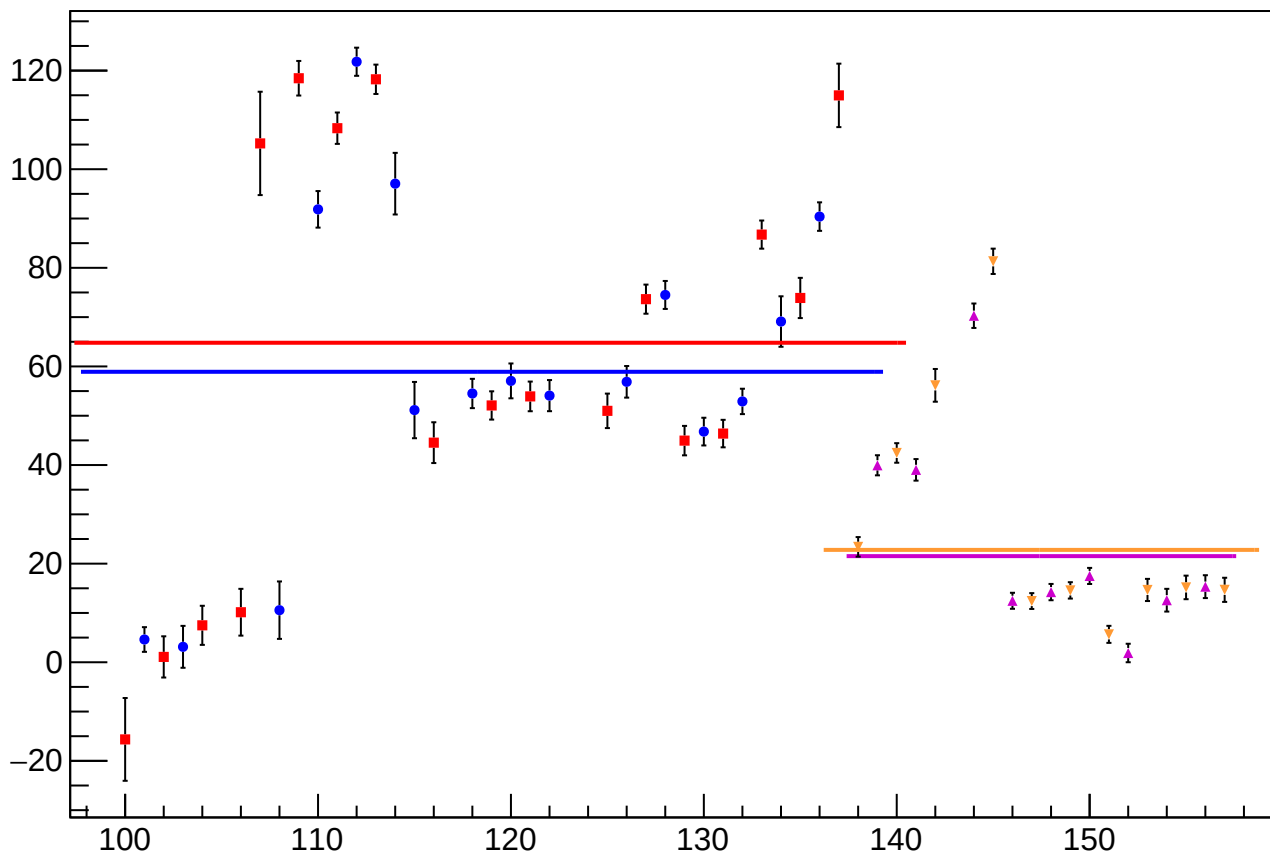
Left In: 3.070 $\pm$ 0.440 χ^2 /NDF: 79.0/8

+ sign 5.115 $\pm$ 0.306 χ^2 /NDF: 578.7/25

All: 5.489 $\pm$ 0.219 χ^2 /NDF: 1094.6/52

- sign 5.884 $\pm$ 0.314 χ^2 /NDF: 512.9/26

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2/NDF : 1496.7/15

Left Out: 22.792 $\pm$ 0.649 χ^2/NDF : 917.2/9

Right Out: 64.803 $\pm$ 0.840 χ^2/NDF : 1718.2/17

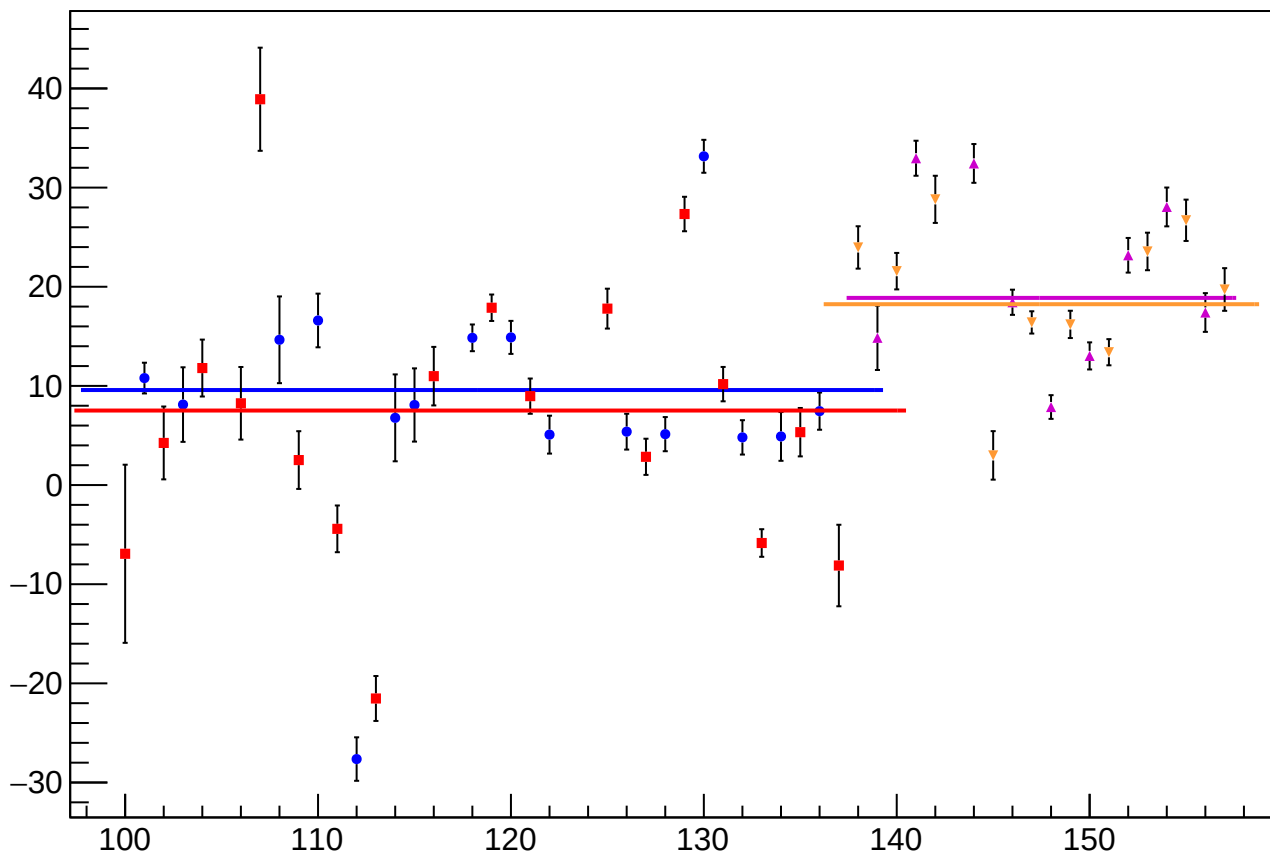
Left In: 21.524 $\pm$ 0.647 χ^2/NDF : 721.3/8

+ sign 36.460 $\pm$ 0.511 χ^2/NDF : 3587.1/25

All: 37.041 $\pm$ 0.362 χ^2/NDF : 7695.3/52

- sign 37.624 $\pm$ 0.512 χ^2/NDF : 4105.5/26

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 18.239 ± 0.536 χ^2/NDF : 112.3/9

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

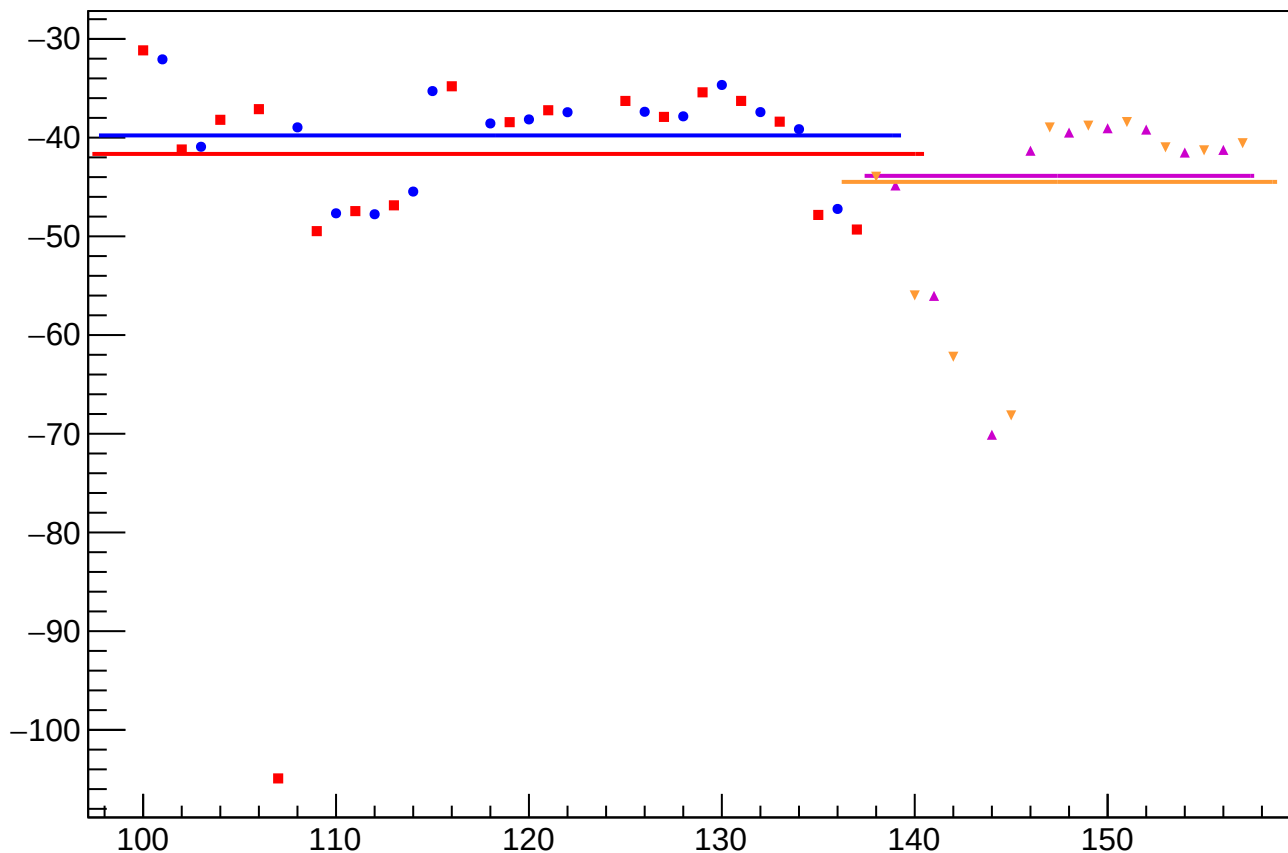
Left In: 18.876 ± 0.544 χ^2/NDF : 244.8/8

+ sign 13.619 ± 0.366 χ^2/NDF : 805.8/25

All: 13.264 ± 0.262 χ^2/NDF : 1852.2/52

- sign 12.894 ± 0.374 χ^2/NDF : 1044.4/26

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

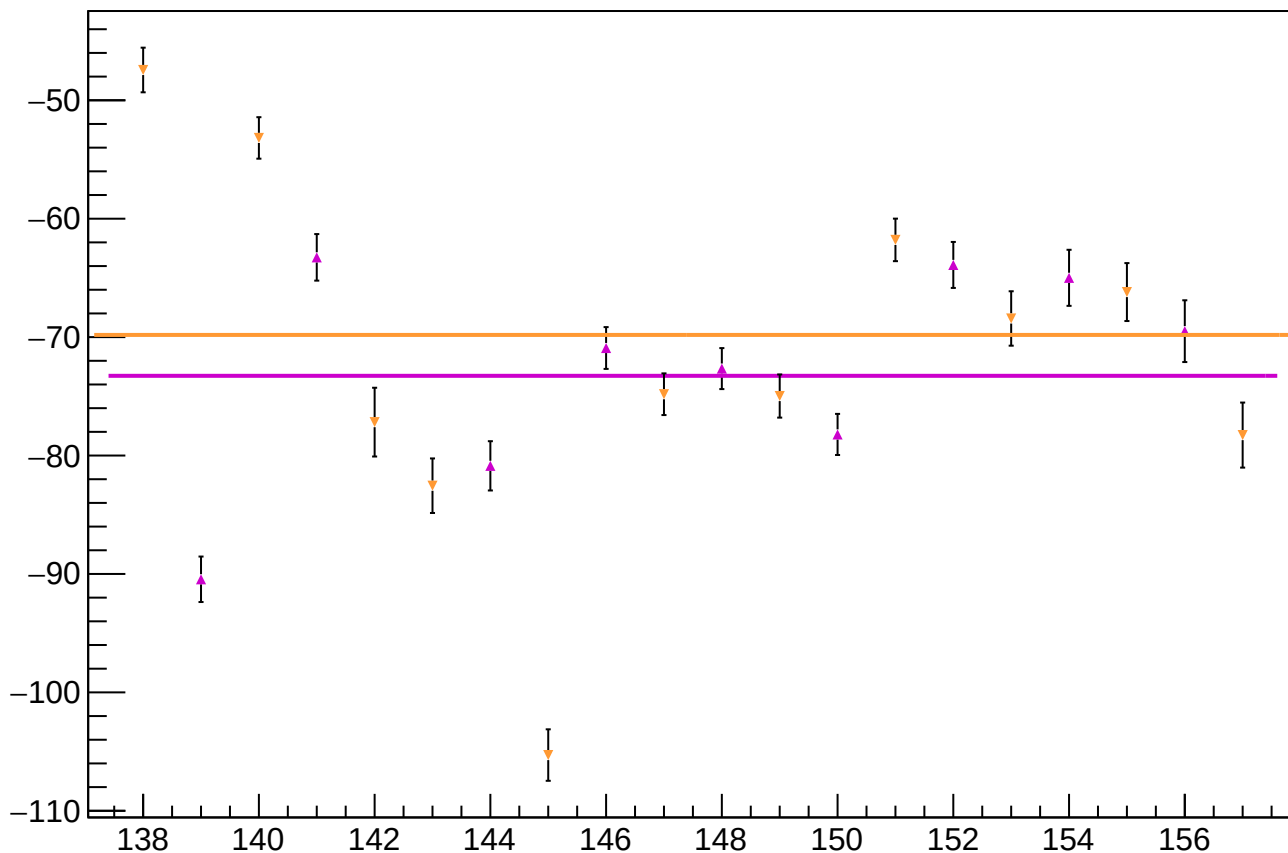
Left In: -43.872 ± 0.026 χ^2/NDF : 92960.2/8

+ sign -42.517 ± 0.020 χ^2/NDF : 152708.0/25

All: -42.743 ± 0.014 χ^2/NDF : 343381.0/52

- sign -42.966 ± 0.020 χ^2/NDF : 190420.5/26

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.815 $\pm$ 0.626 χ^2 /NDF:582.5/10

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

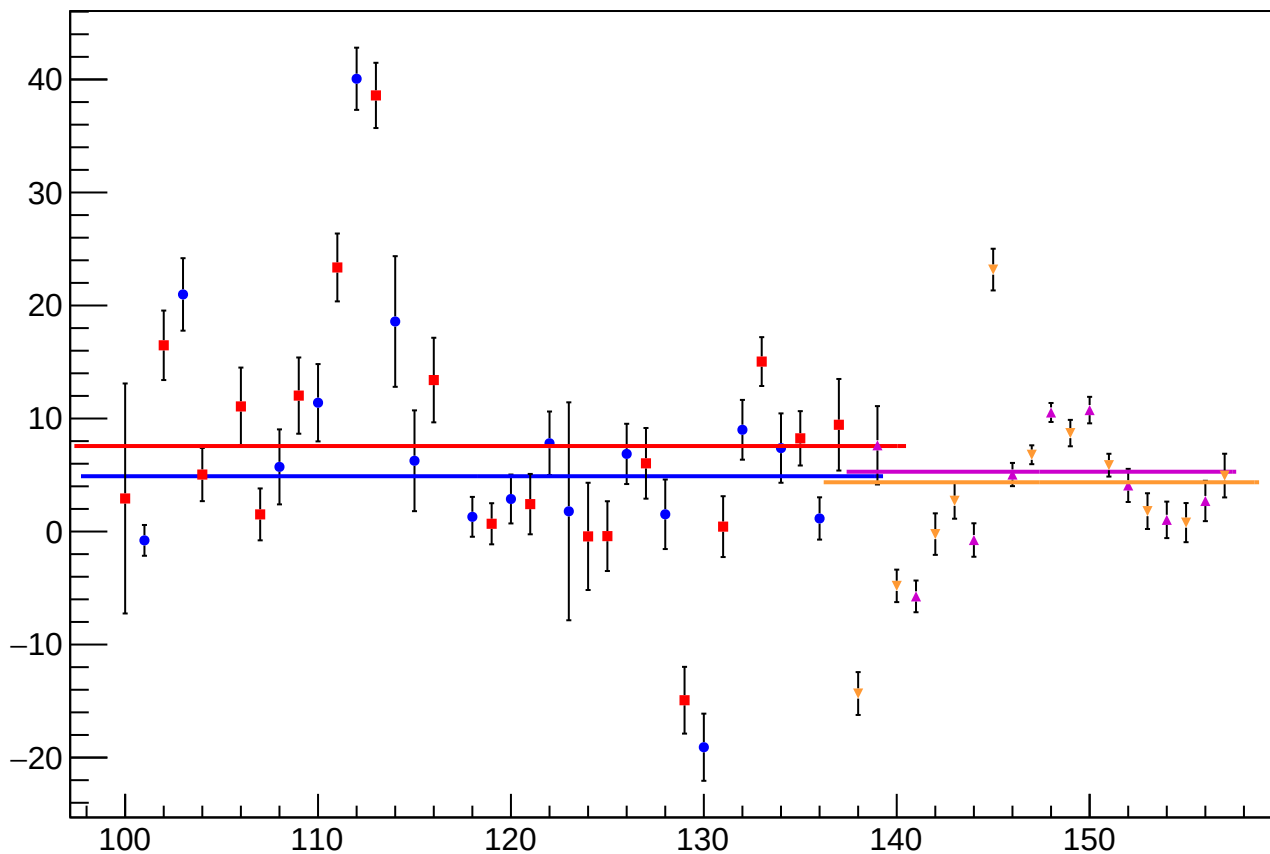
Left In: -73.267 $\pm$ 0.654 χ^2 /NDF:166.9/8

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

All: -71.467 $\pm$ 0.452 χ^2 /NDF: 764.0/19

- sign 0.000 $\pm$ 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

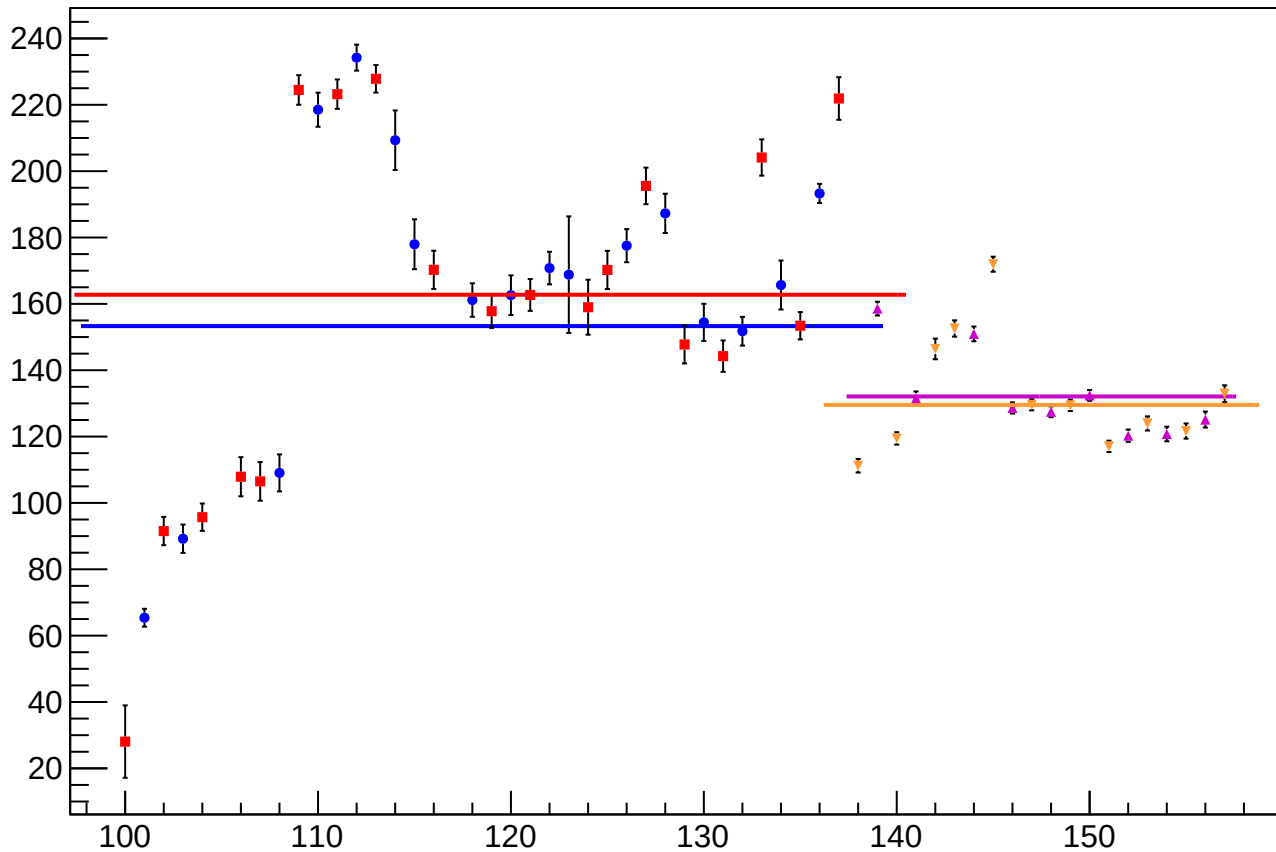
Left In: 5.292 ± 0.434 χ^2/NDF : 149.3/8

+ sign 4.522 ± 0.343 χ^2/NDF : 576.7/27

All: 5.219 ± 0.249 χ^2/NDF : 1013.3/55

- sign 5.991 ± 0.361 χ^2/NDF : 428.0/27

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

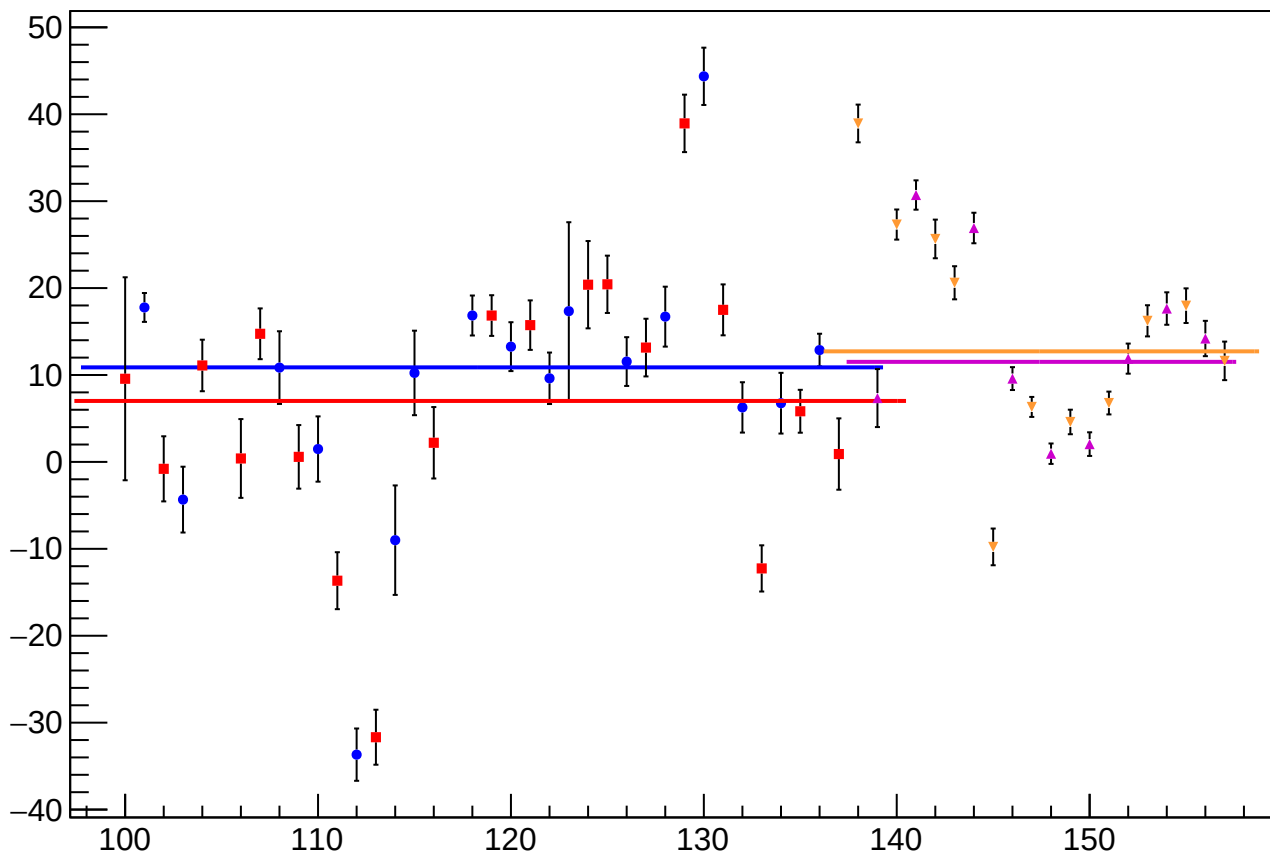
Left In: 132.091 $\pm$ 0.640 χ^2 /NDF: 321.7/8

+ sign 134.911 $\pm$ 0.544 χ^2 /NDF: 3249.9/27

All: 136.934 $\pm$ 0.391 χ^2 /NDF: 5832.6/55

- sign 139.093 $\pm$ 0.562 χ^2 /NDF: 2554.2/27

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 ± 0.713 $\chi^2/\text{NDF}: 388.1/16$

Left Out: 12.720 ± 0.510 $\chi^2/\text{NDF}: 476.7/10$

Right Out: 7.014 ± 0.748 $\chi^2/\text{NDF}: 424.5/18$

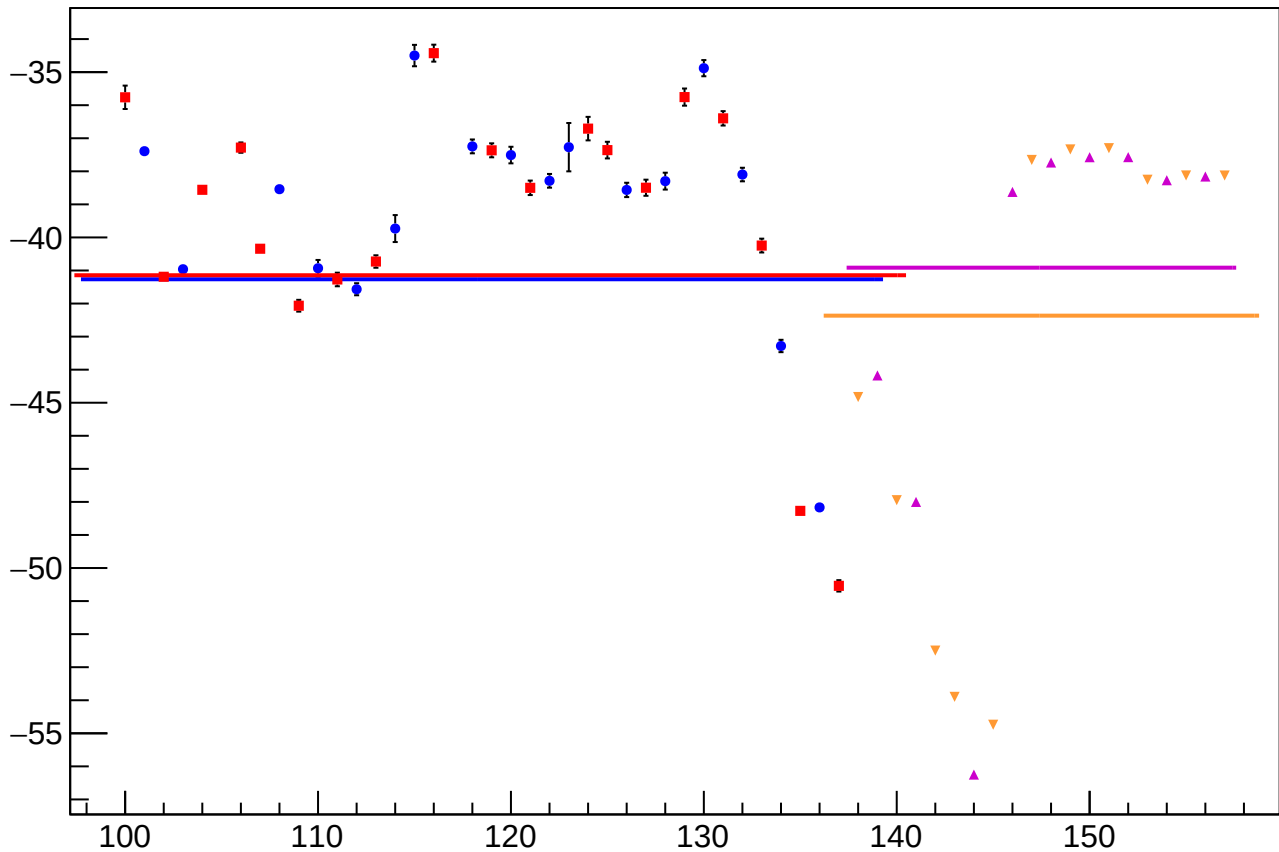
Left In: 11.512 ± 0.537 $\chi^2/\text{NDF}: 351.9/8$

+ sign 12.098 ± 0.415 $\chi^2/\text{NDF}: 869.1/27$

All: 11.094 ± 0.300 $\chi^2/\text{NDF}: 1681.8/55$

- sign 9.983 ± 0.436 $\chi^2/\text{NDF}: 800.4/27$

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 $\chi^2/\text{NDF}: 12218.7/18$

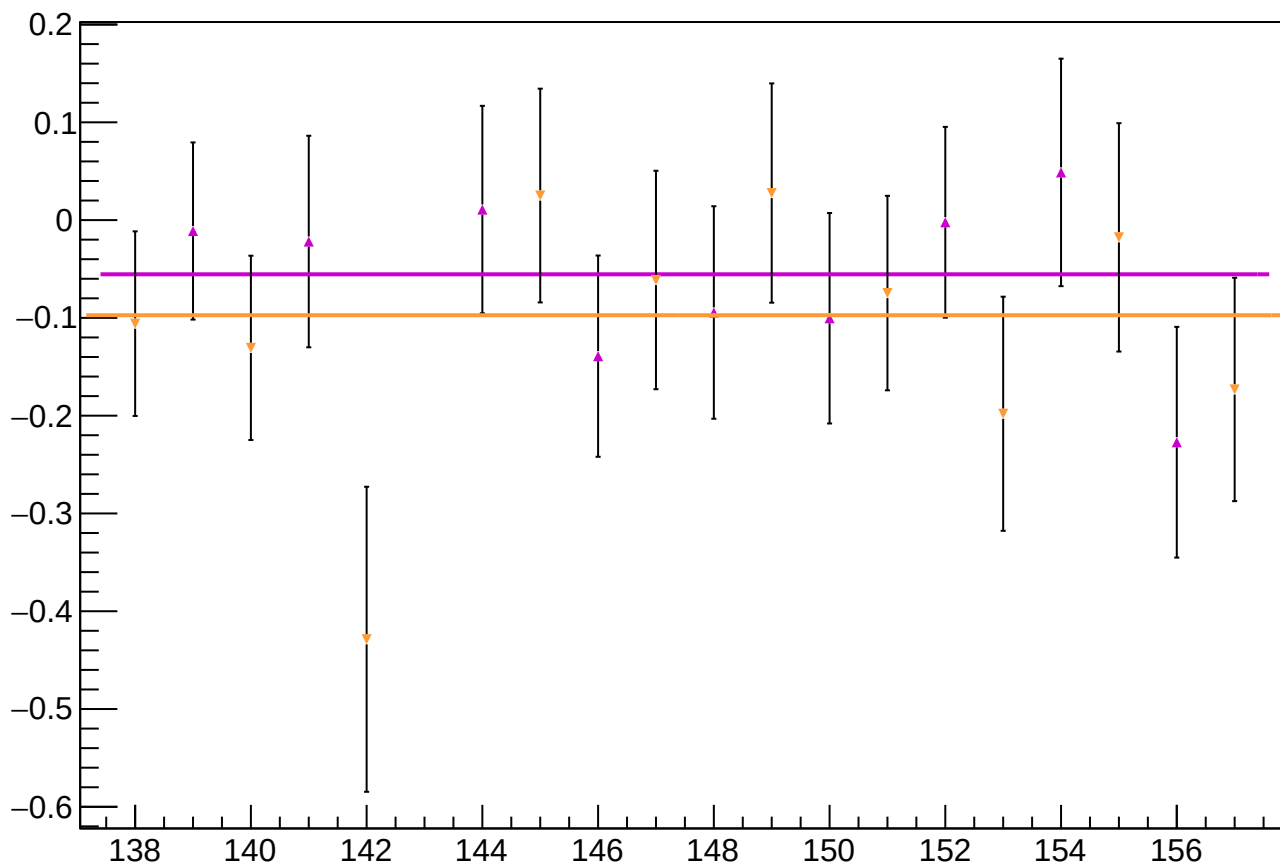
Left In: -40.915 ± 0.026 $\chi^2/\text{NDF}: 43497.4/8$

+ sign -42.039 ± 0.021 $\chi^2/\text{NDF}: 79268.7/27$

All: -41.522 ± 0.015 $\chi^2/\text{NDF}: 136246.5/55$

- sign -40.985 ± 0.021 $\chi^2/\text{NDF}: 55740.4/27$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.097 $\pm$ 0.035 χ^2 /NDF: 8.9/9

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

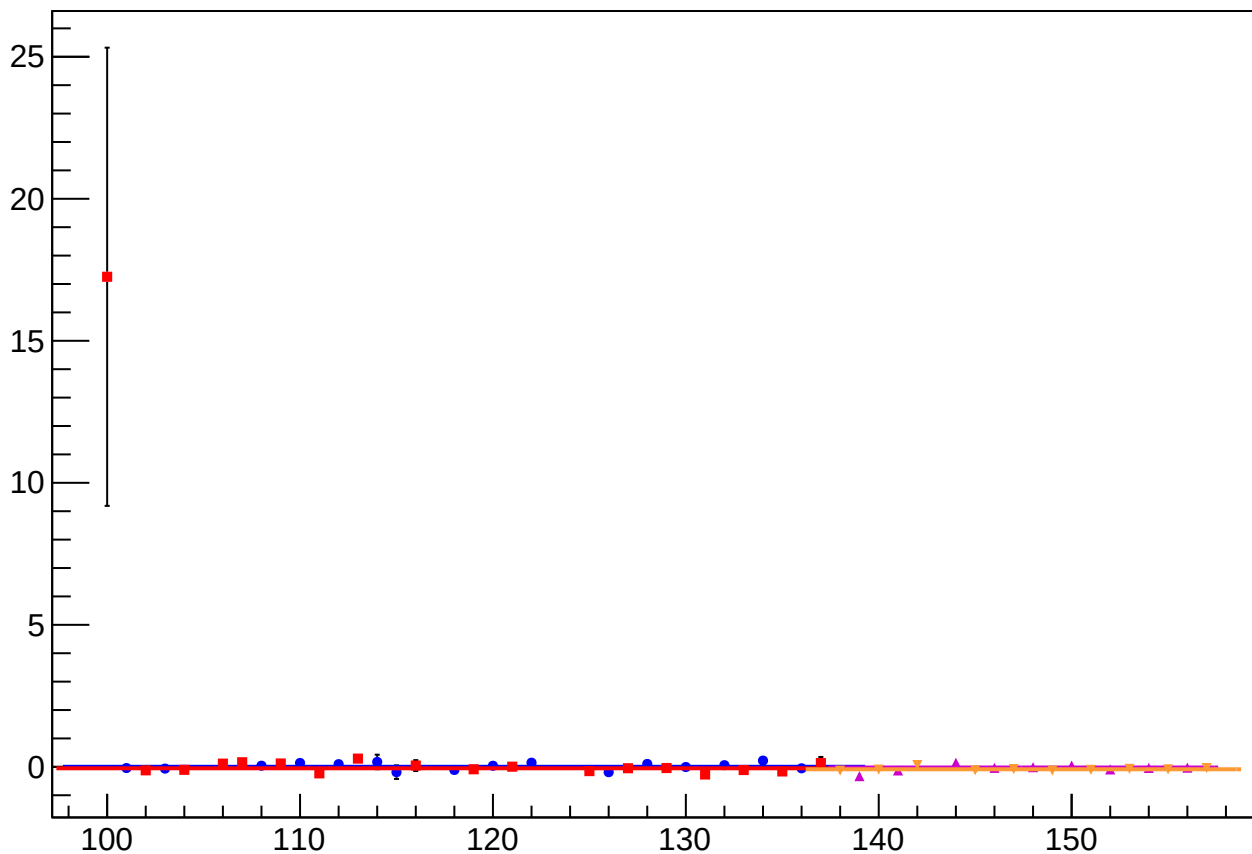
Left In: -0.055 $\pm$ 0.035 χ^2 /NDF: 4.9/8

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

All: -0.077 $\pm$ 0.025 χ^2 /NDF: 14.5/18

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.086 ± 0.024 χ^2/NDF : 3.5/9

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

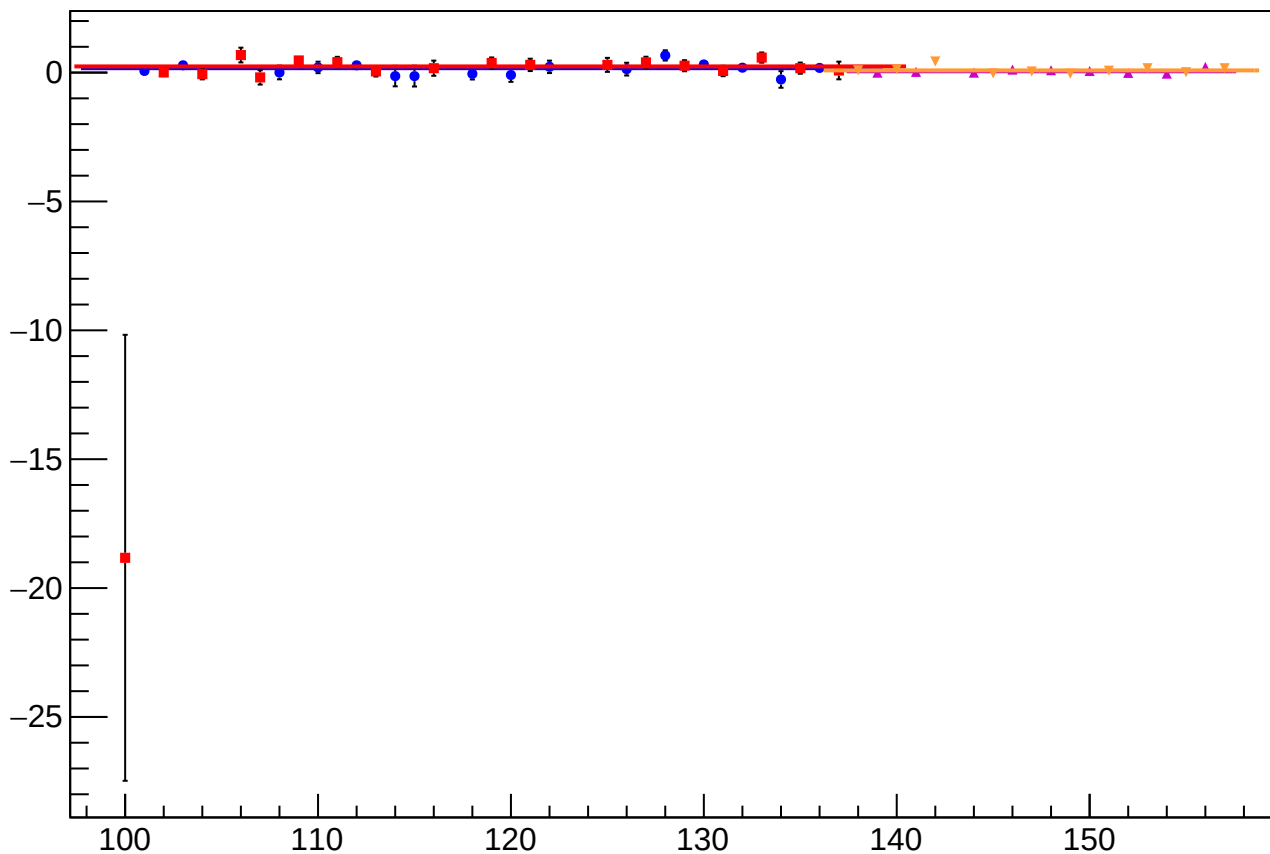
Left In: -0.024 ± 0.024 χ^2/NDF : 11.9/8

+ sign -0.050 ± 0.018 χ^2/NDF : 21.7/25

All: -0.043 ± 0.013 χ^2/NDF : 60.2/52

- sign -0.035 ± 0.019 χ^2/NDF : 38.2/26

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

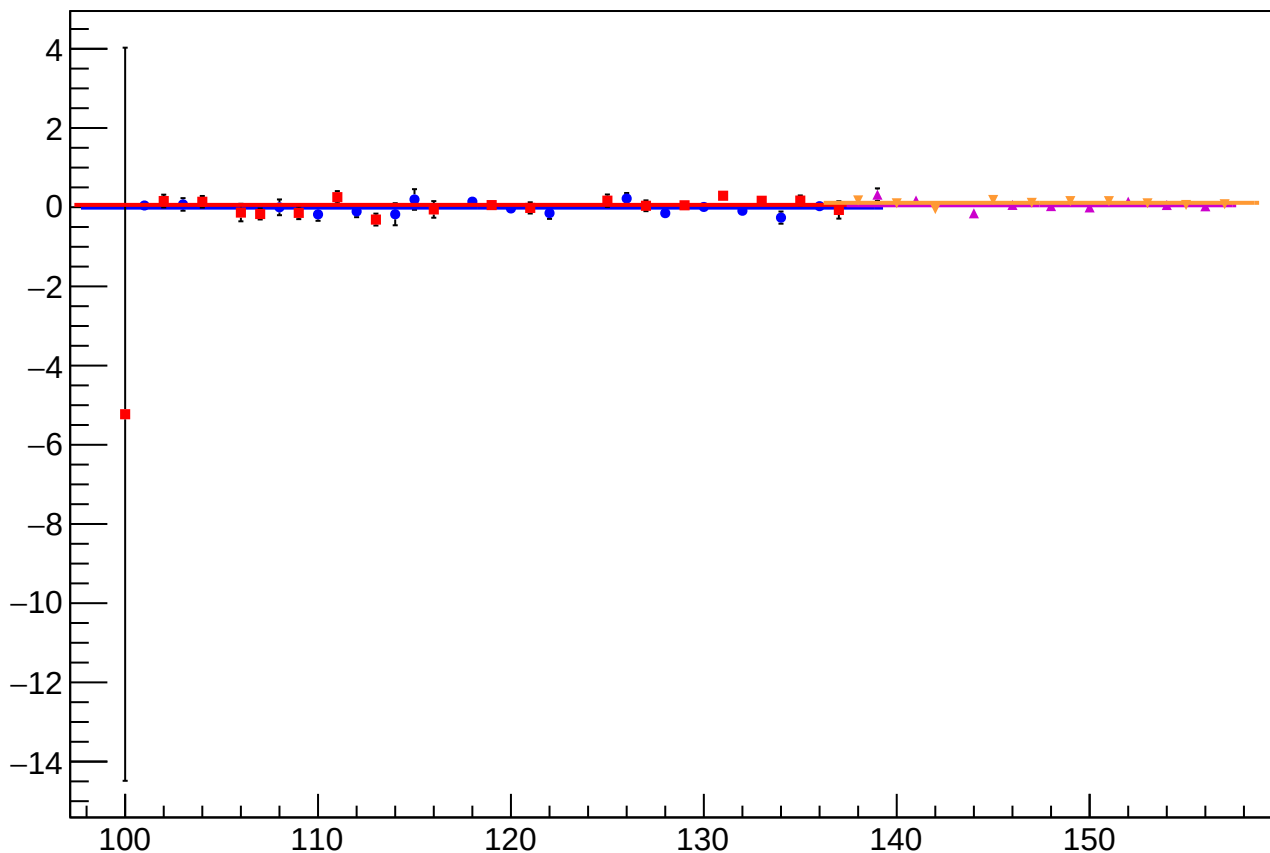
Left In: 0.050 $\pm$ 0.035 χ^2 /NDF: 4.7/8

+ sign 0.111 $\pm$ 0.029 χ^2 /NDF: 24.3/25

All: 0.108 $\pm$ 0.020 χ^2 /NDF: 59.5/52

- sign 0.105 $\pm$ 0.029 χ^2 /NDF: 35.1/26

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

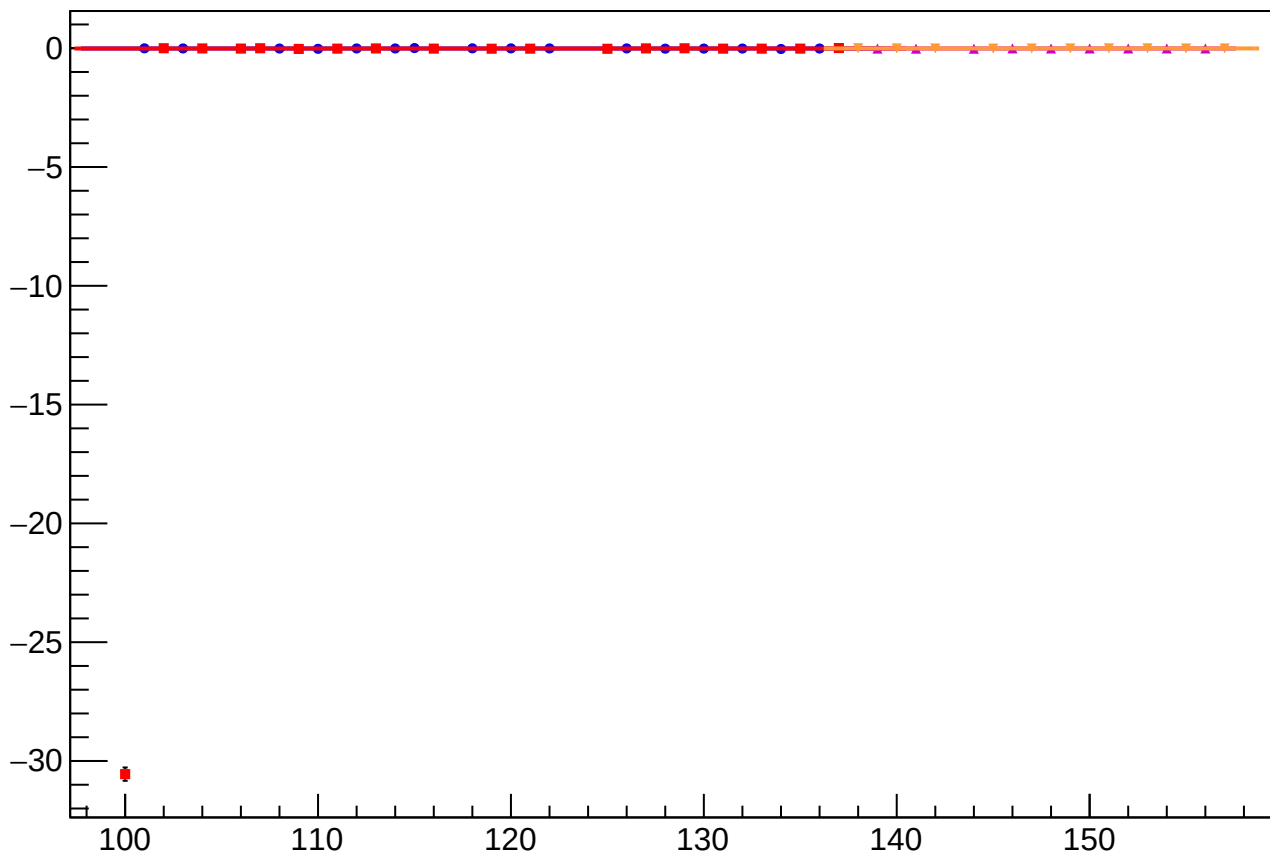
Left In: 0.048 ± 0.030 χ^2/NDF : 11.3/8

+ sign 0.057 ± 0.022 χ^2/NDF : 25.1/25

All: 0.055 ± 0.016 χ^2/NDF : 57.1/52

- sign 0.053 ± 0.022 χ^2/NDF : 31.9/26

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2/NDF : 12.9/15

Left Out: -0.009 $\pm$ 0.001 χ^2/NDF : 8.2/9

Right Out: -0.012 $\pm$ 0.002 χ^2/NDF : 11891.5/17

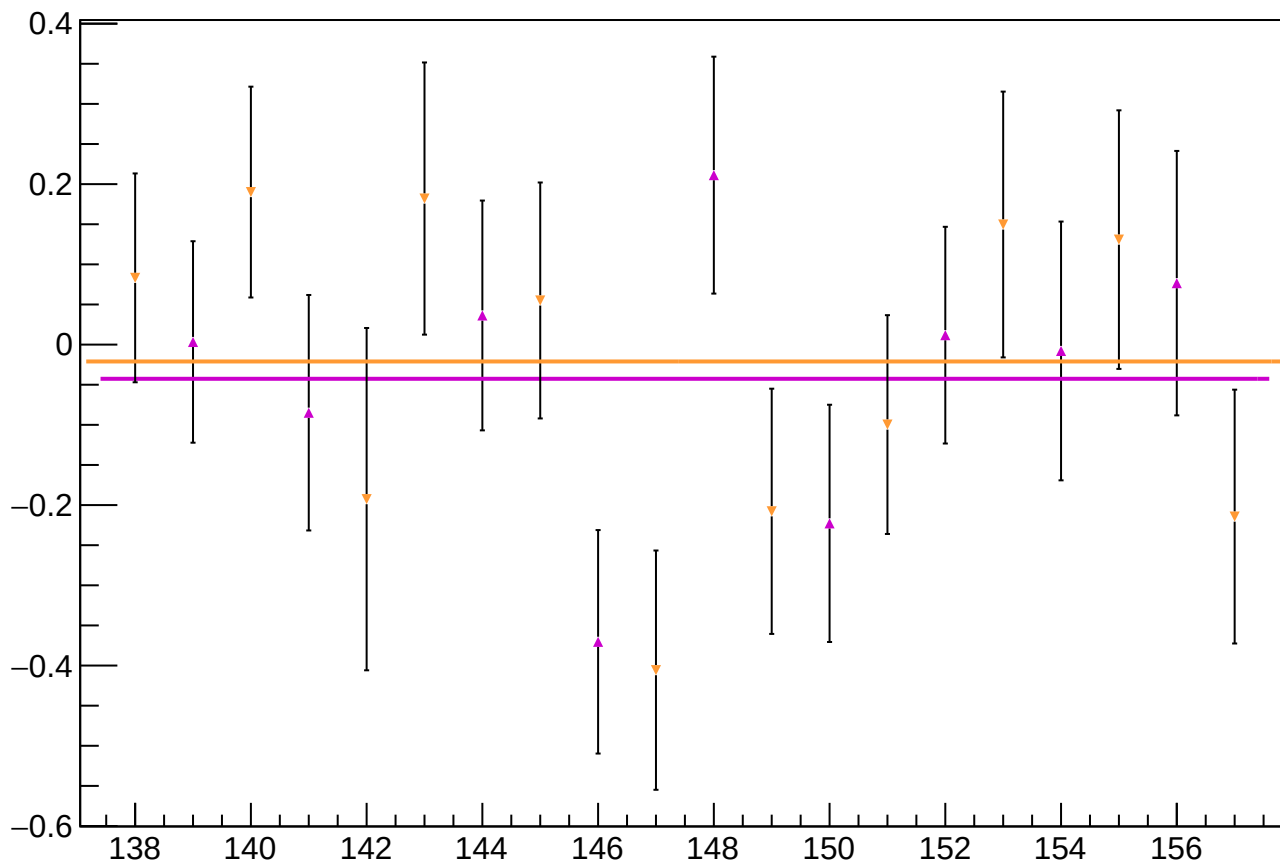
Left In: -0.012 $\pm$ 0.001 χ^2/NDF : 8.9/8

+ sign -0.010 $\pm$ 0.001 χ^2/NDF : 22.9/25

All: -0.011 $\pm$ 0.001 χ^2/NDF : 11925.0/52

- sign -0.012 $\pm$ 0.001 χ^2/NDF : 11900.5/26

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

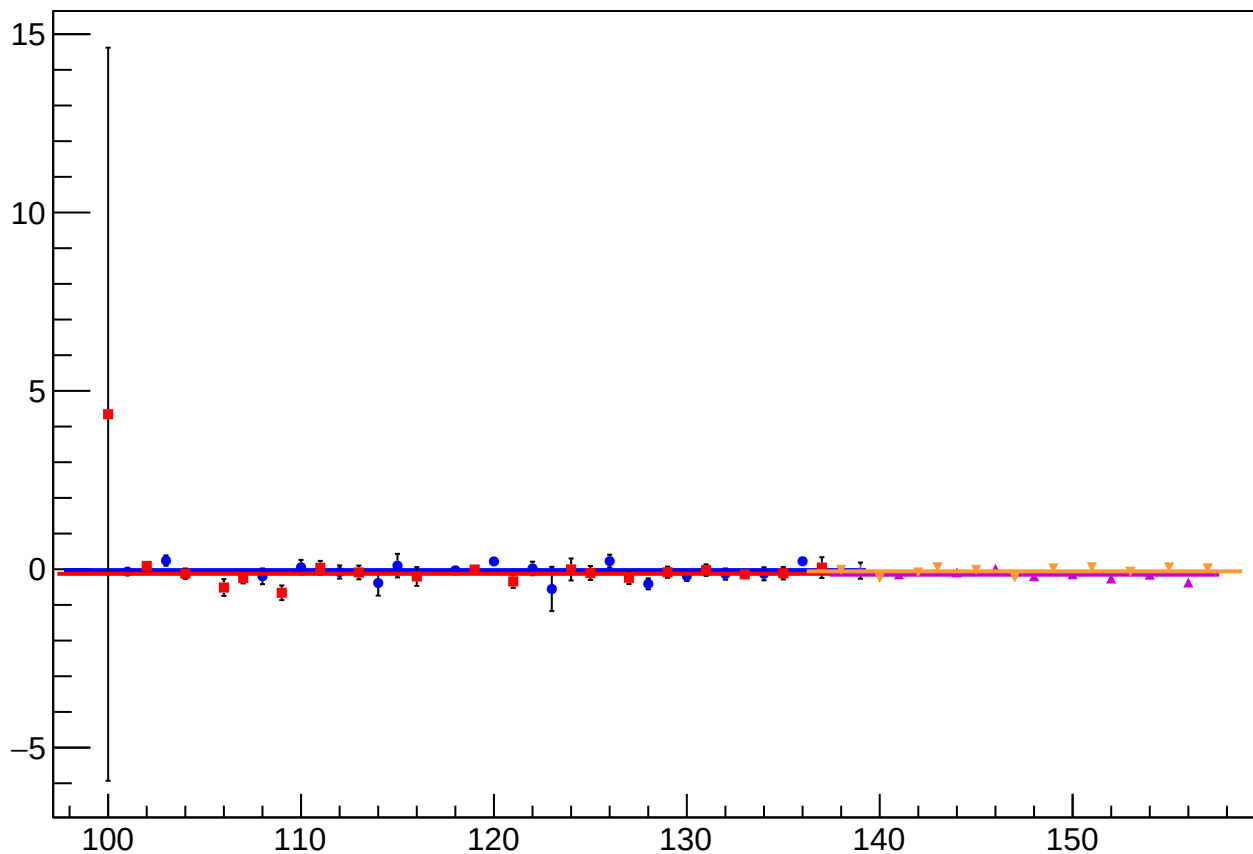
Left In: -0.043 $\pm$ 0.048 χ^2 /NDF: 11.2/8

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

All: -0.031 $\pm$ 0.033 χ^2 /NDF: 28.8/19

- 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

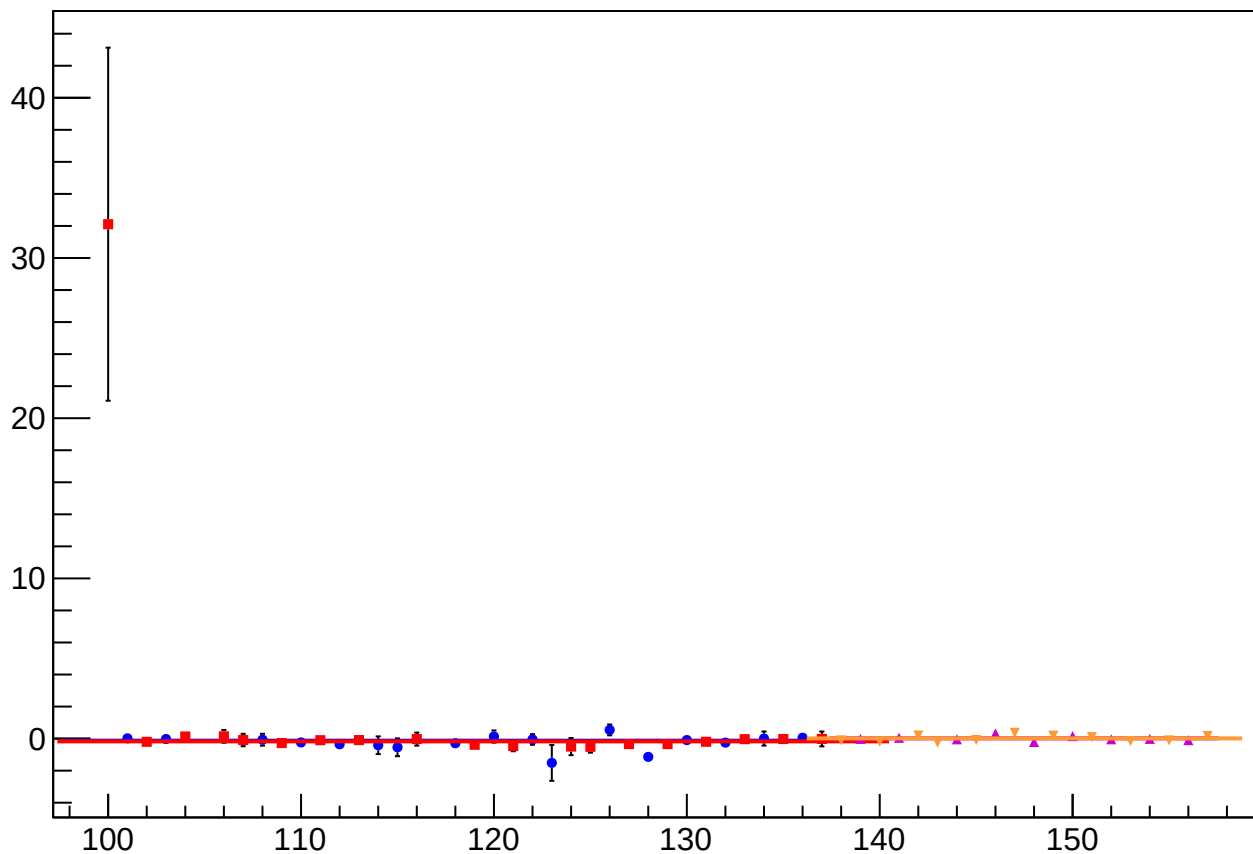
Left In: -0.153 ± 0.033 χ^2/NDF : 9.7/8

+ sign -0.044 ± 0.024 χ^2/NDF : 38.5/27

All: -0.090 ± 0.017 χ^2/NDF : 74.2/55

- sign -0.143 ± 0.025 χ^2/NDF : 27.6/27

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

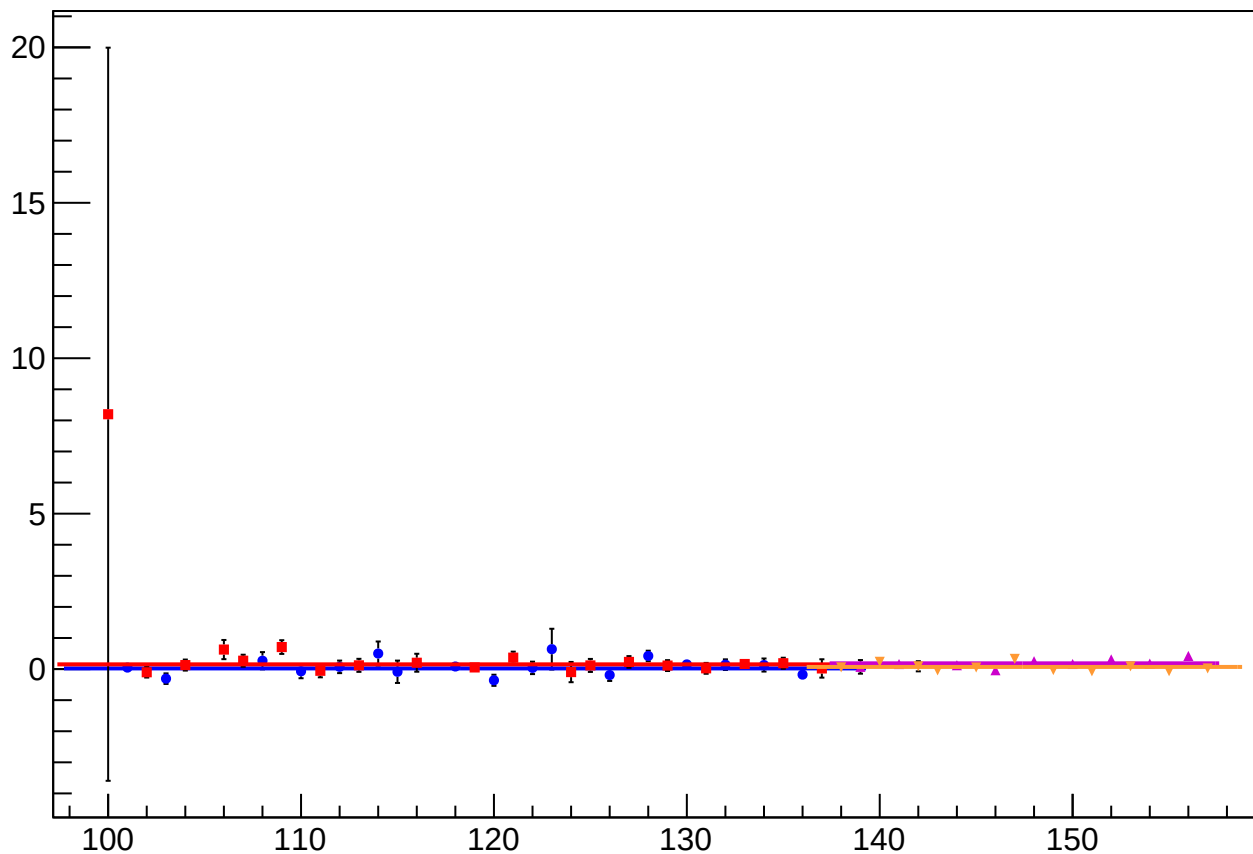
Left In: 0.018 ± 0.047 χ^2/NDF : 10.0/8

+ sign -0.032 ± 0.038 χ^2/NDF : 44.0/27

All: -0.036 ± 0.027 χ^2/NDF : 74.0/55

- sign -0.040 ± 0.039 χ^2/NDF : 30.0/27

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

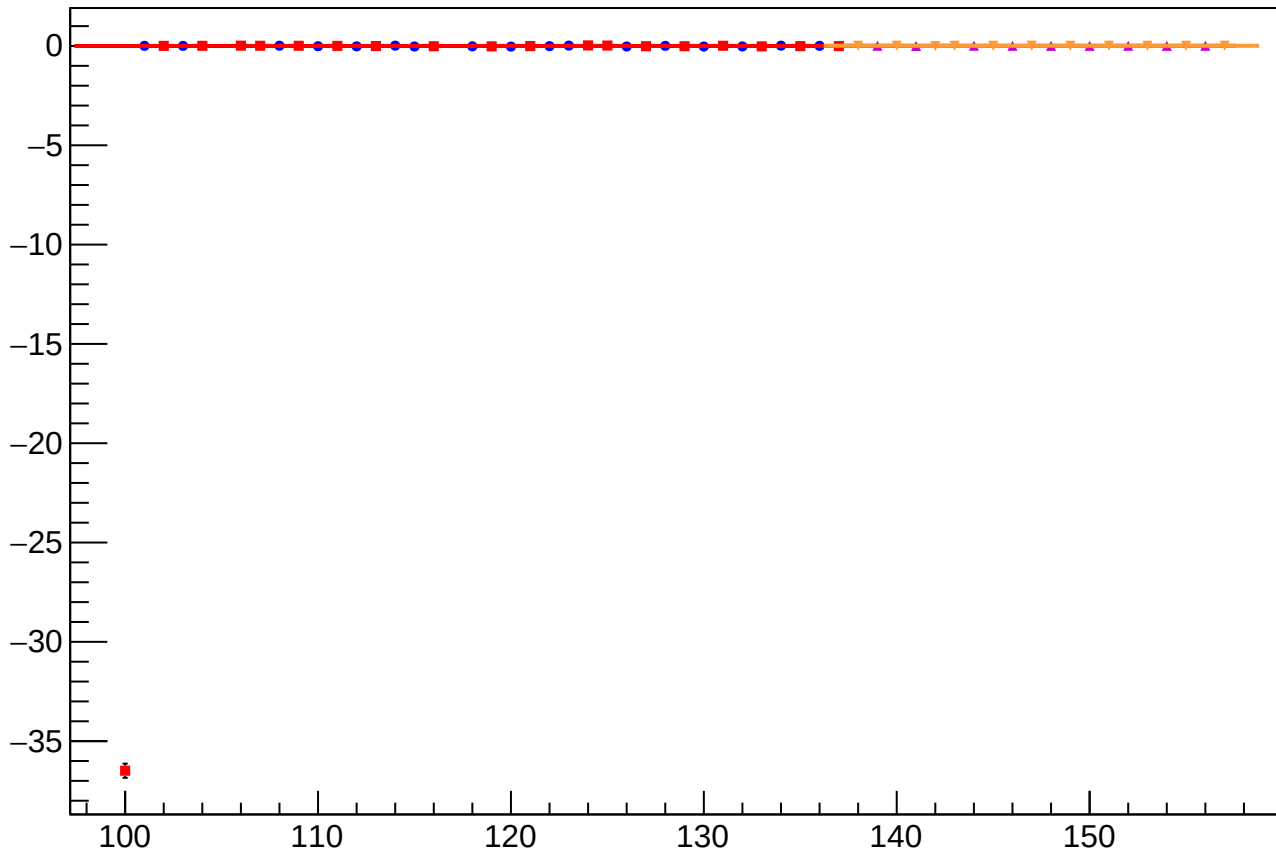
Left In: 0.185 ± 0.041 χ^2/NDF : 10.0/8

+ sign 0.047 ± 0.028 χ^2/NDF : 36.5/27

All: 0.105 ± 0.021 χ^2/NDF : 71.8/55

- sign 0.170 ± 0.030 χ^2/NDF : 26.5/27

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

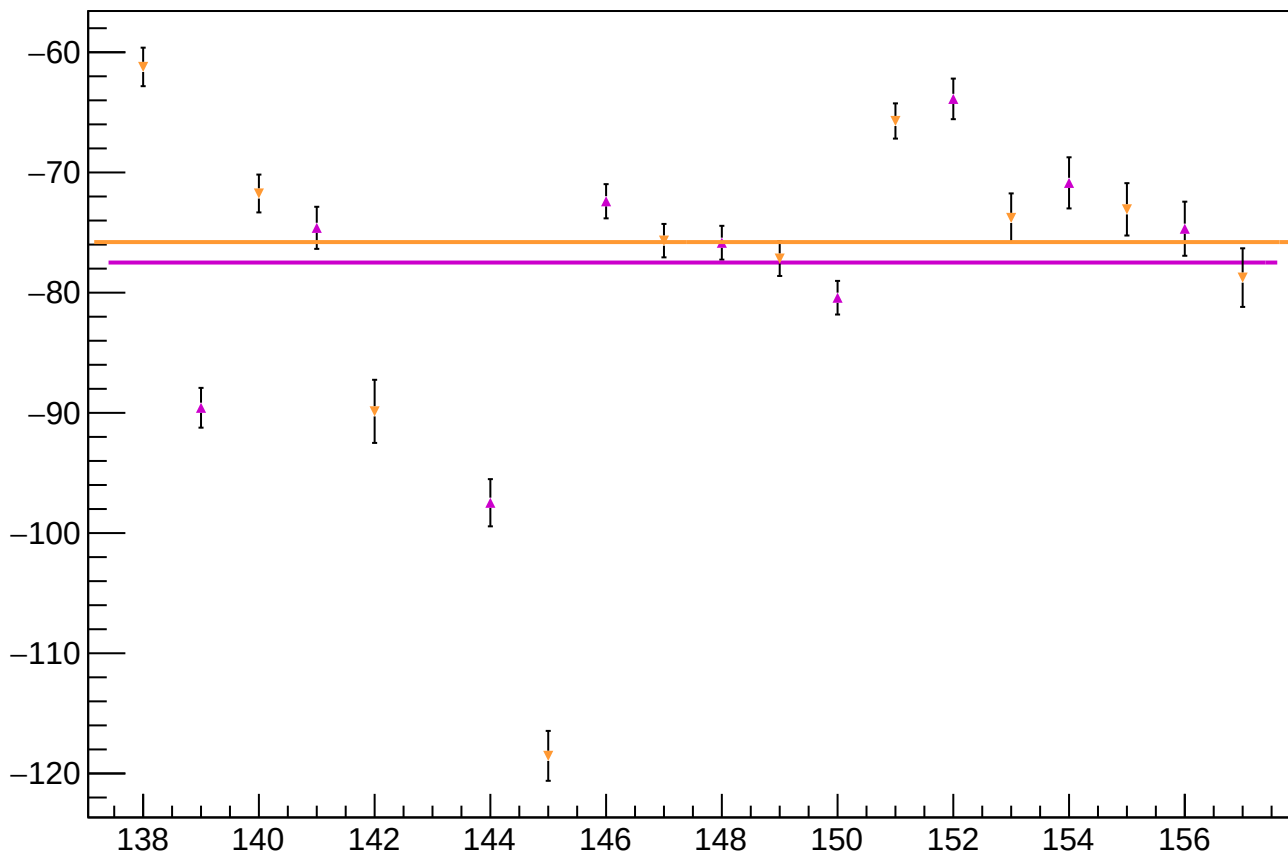
Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 3.3/8

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 48.6/27

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10511.7/55

- sign 0.007 $\pm$ 0.001 χ^2 /NDF: 10463.1/27

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

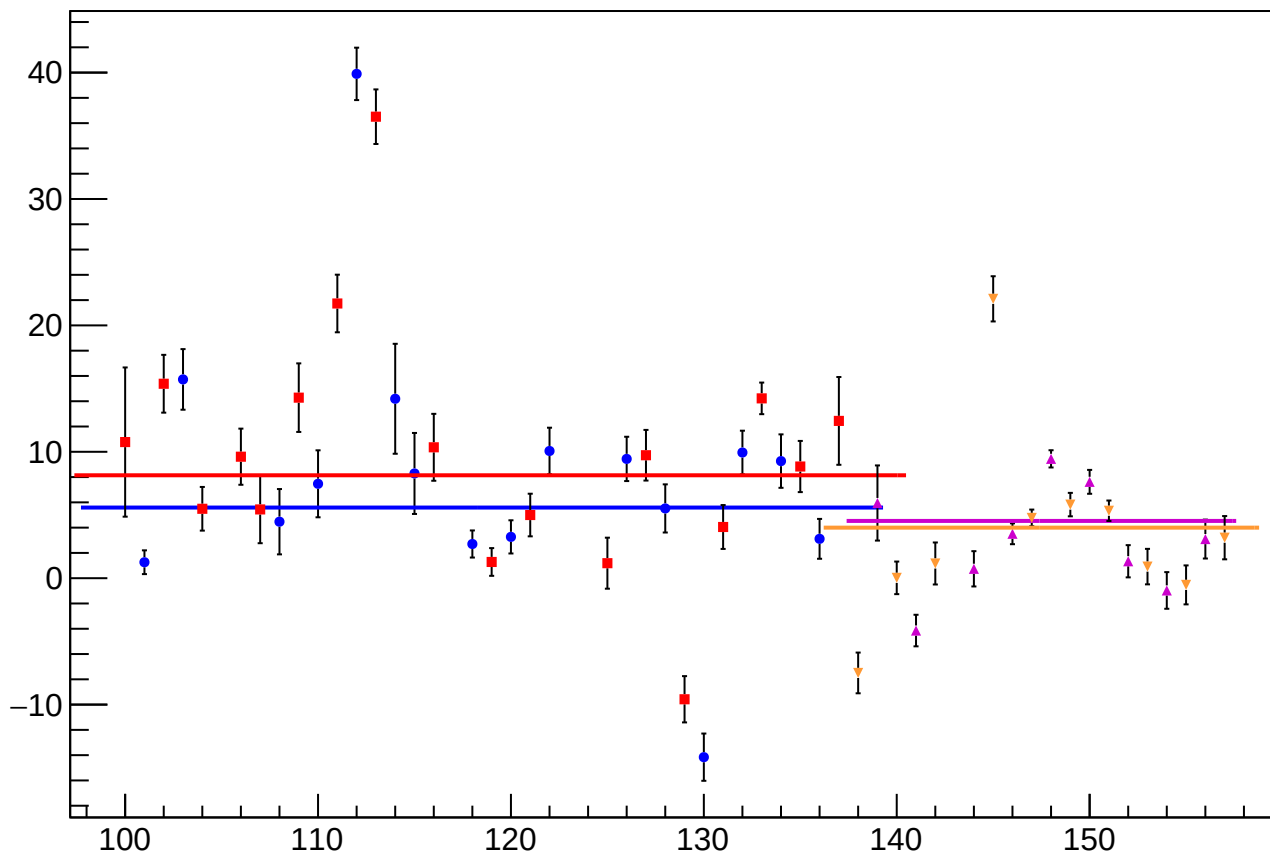
Left In: -77.494+/-0.556 χ^2/NDF : 254.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.640+/-0.393 χ^2/NDF : 853.5/18

- 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 $\chi^2/\text{NDF}: 462.8/15$

Left Out: 3.999 ± 0.355 $\chi^2/\text{NDF}: 187.4/9$

Right Out: 8.142 ± 0.454 $\chi^2/\text{NDF}: 407.7/17$

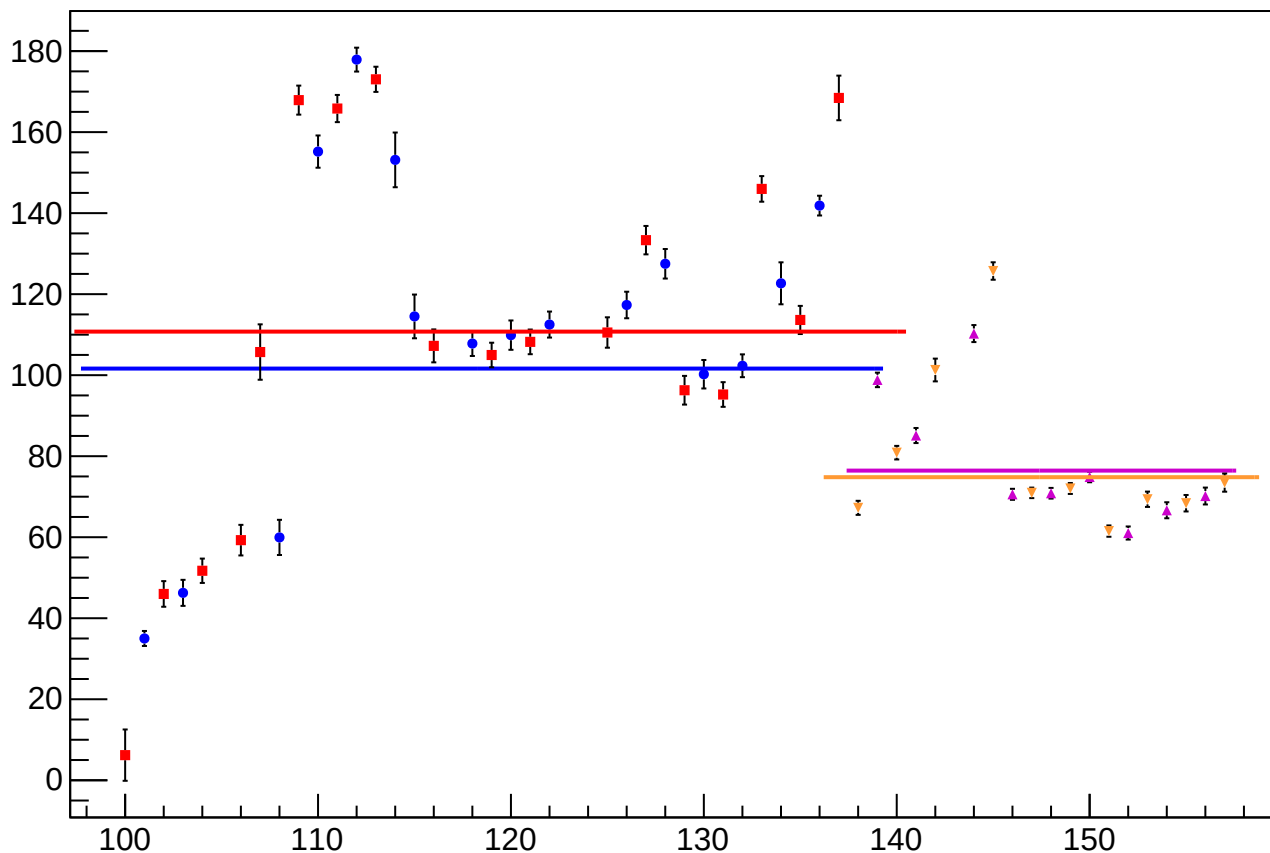
Left In: 4.531 ± 0.365 $\chi^2/\text{NDF}: 141.5/8$

+ sign 4.656 ± 0.272 $\chi^2/\text{NDF}: 658.4/25$

All: 5.274 ± 0.197 $\chi^2/\text{NDF}: 1256.9/52$

- sign 5.949 ± 0.284 $\chi^2/\text{NDF}: 587.7/26$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 74.818 $\pm$ 0.542 χ^2 /NDF:801.2/9

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

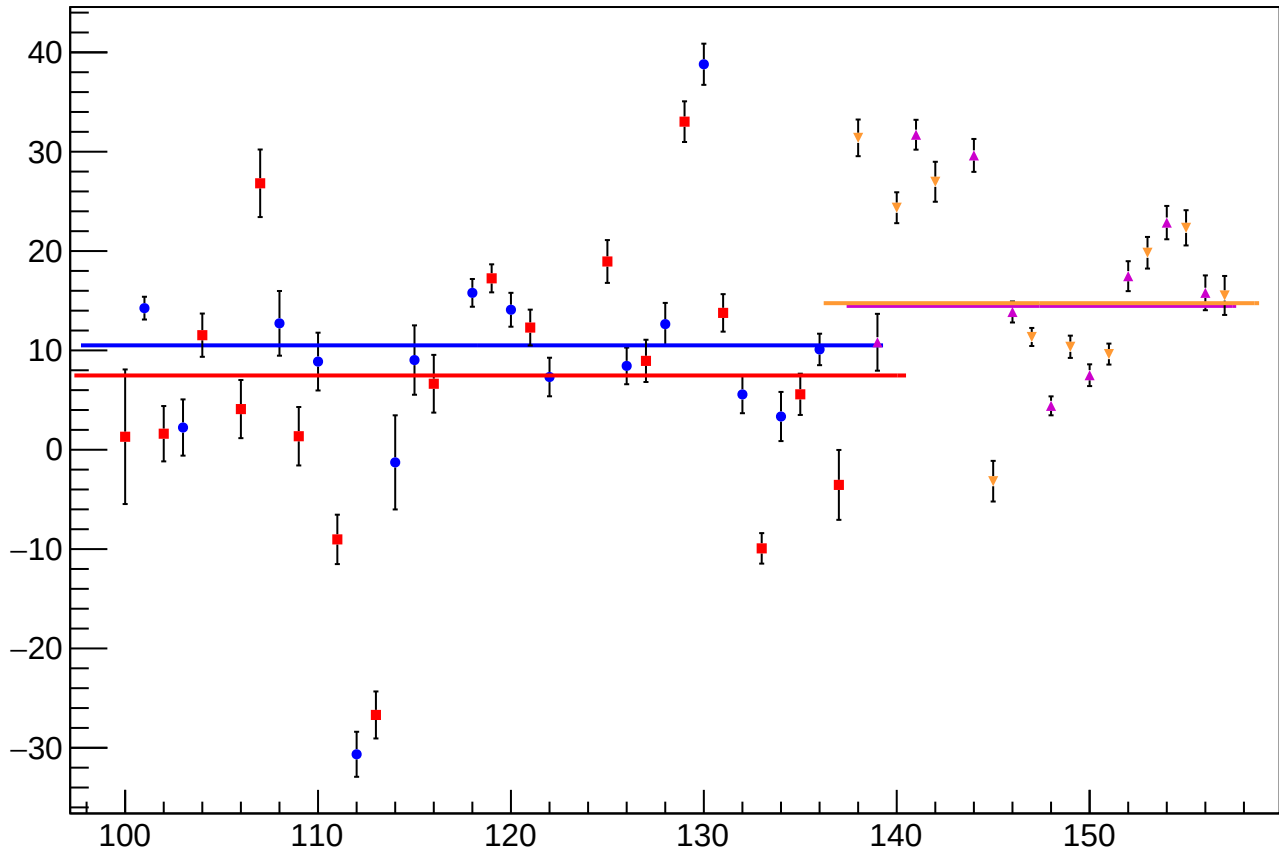
Left In: 76.444 $\pm$ 0.543 χ^2 /NDF:599.4/8

+ sign 83.158 $\pm$ 0.450 χ^2 /NDF: 4540.7/25

All: 84.866 $\pm$ 0.320 χ^2 /NDF: 8866.9/52

- sign 86.614 $\pm$ 0.455 χ^2 /NDF: 4297.1/26

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 14.753 $\pm$ 0.444 χ^2 /NDF: 314.6/9

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

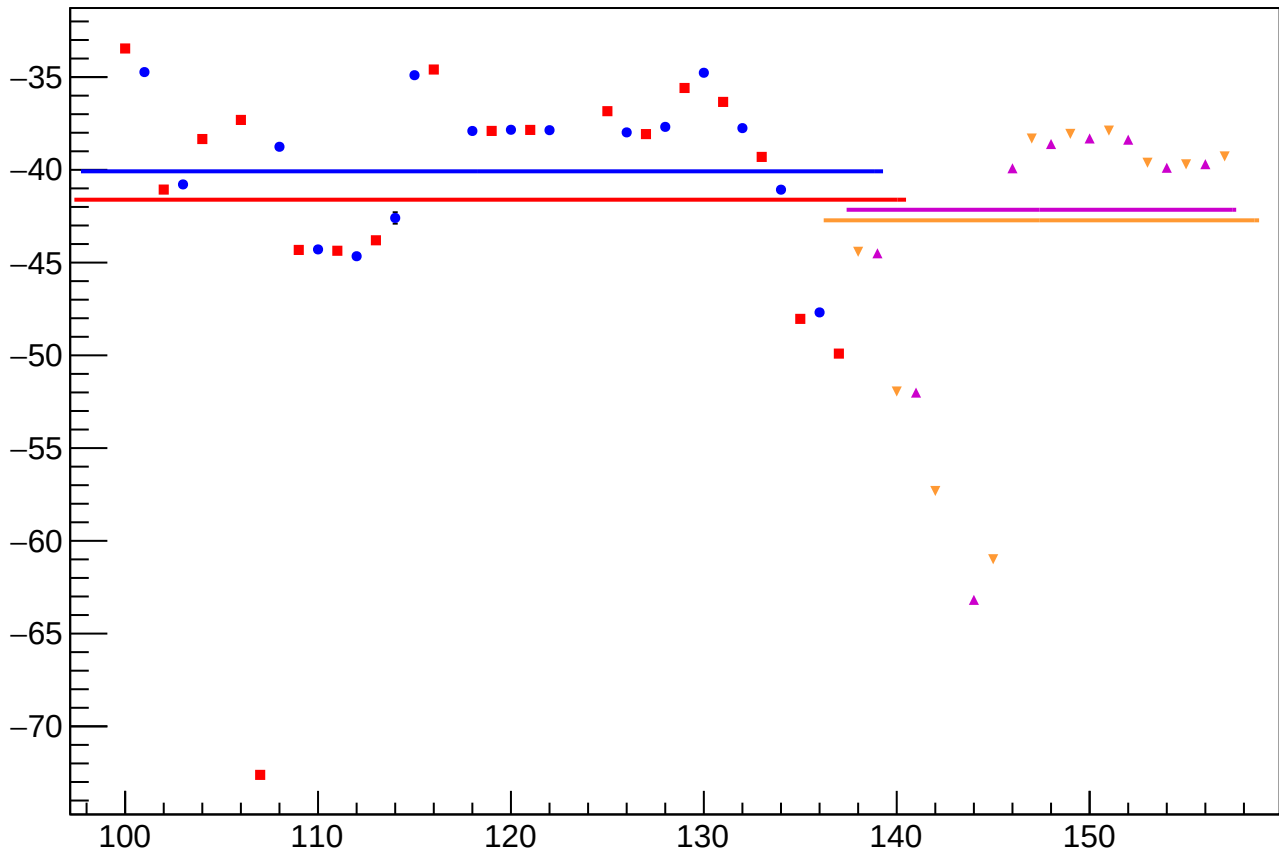
Left In: 14.481 $\pm$ 0.453 χ^2 /NDF: 398.4/8

+ sign 12.847 $\pm$ 0.330 χ^2 /NDF: 937.1/25

All: 12.193 $\pm$ 0.238 χ^2 /NDF: 2135.3/52

- sign 11.487 $\pm$ 0.343 χ^2 /NDF: 1190.0/26

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -42.722 ± 0.022 $\chi^2/\text{NDF}: 102849.8/9$

Right Out: -41.609 ± 0.029 $\chi^2/\text{NDF}: 61784.6/17$

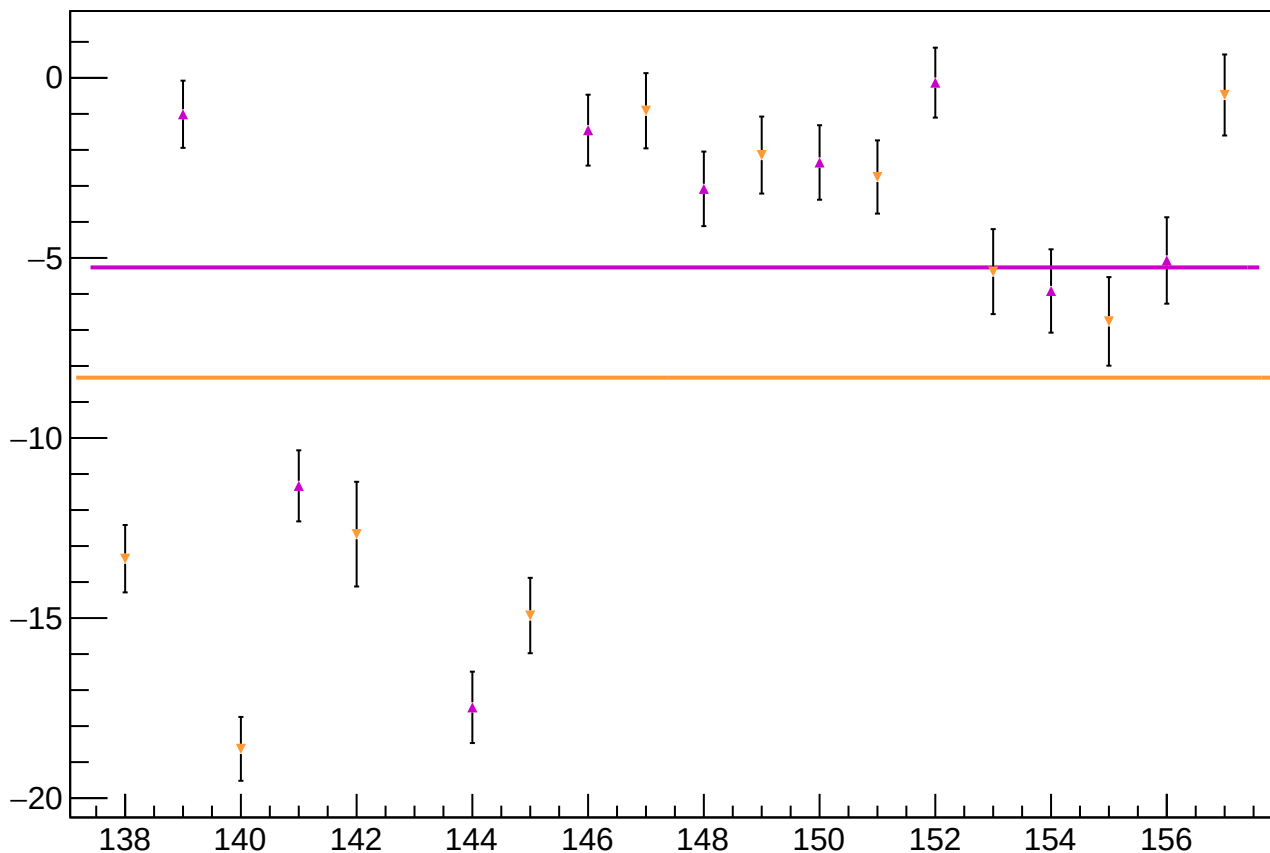
Left In: -42.152 ± 0.022 $\chi^2/\text{NDF}: 86365.2/8$

+ sign -41.713 ± 0.017 $\chi^2/\text{NDF}: 133401.2/25$

All: -41.833 ± 0.012 $\chi^2/\text{NDF}: 281873.0/52$

- sign -41.952 ± 0.017 $\chi^2/\text{NDF}: 148377.4/26$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -8.324 $\pm$ 0.338 χ^2 /NDF:383.1/9

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

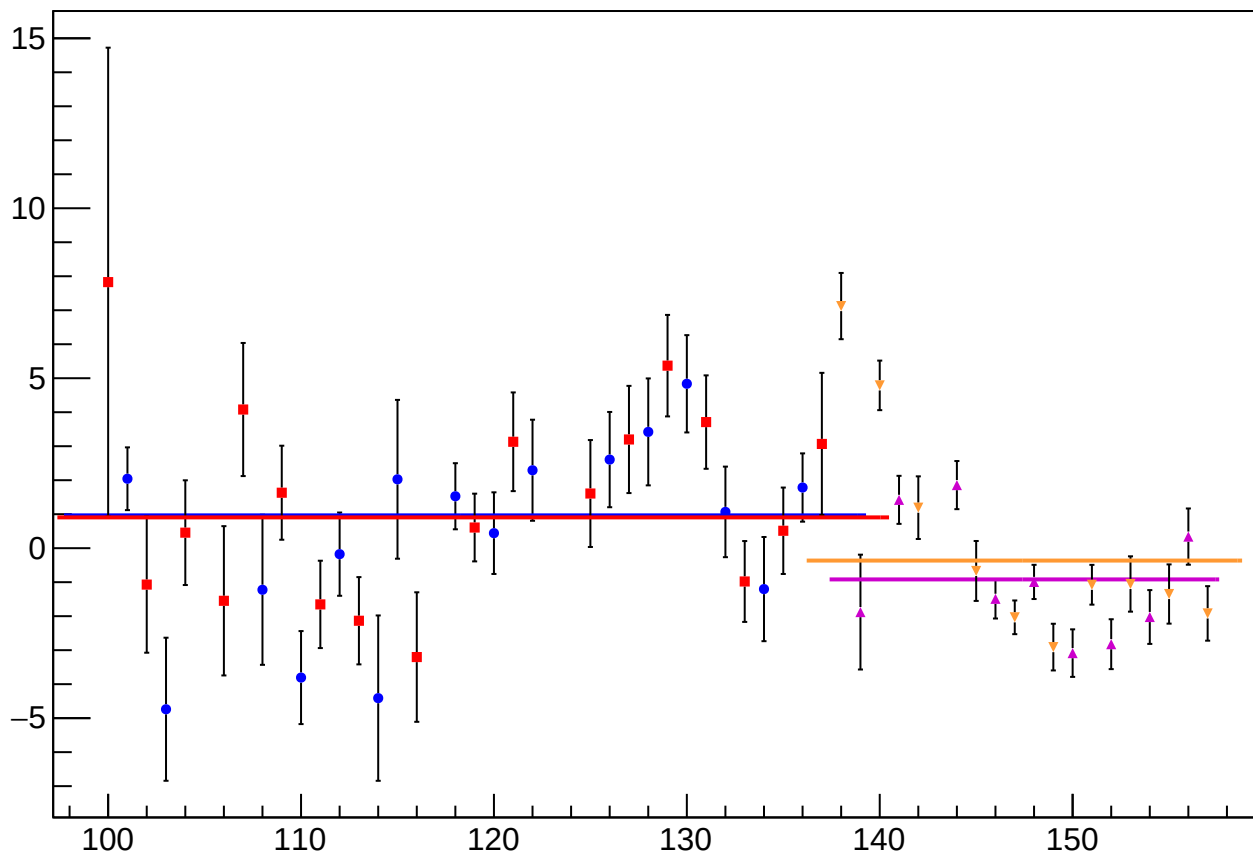
Left In: -5.263 $\pm$ 0.341 χ^2 /NDF:266.2/8

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

All: -6.805 $\pm$ 0.240 χ^2 /NDF: 689.8/18

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

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: -0.364 ± 0.230 χ^2/NDF : 144.3/9

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

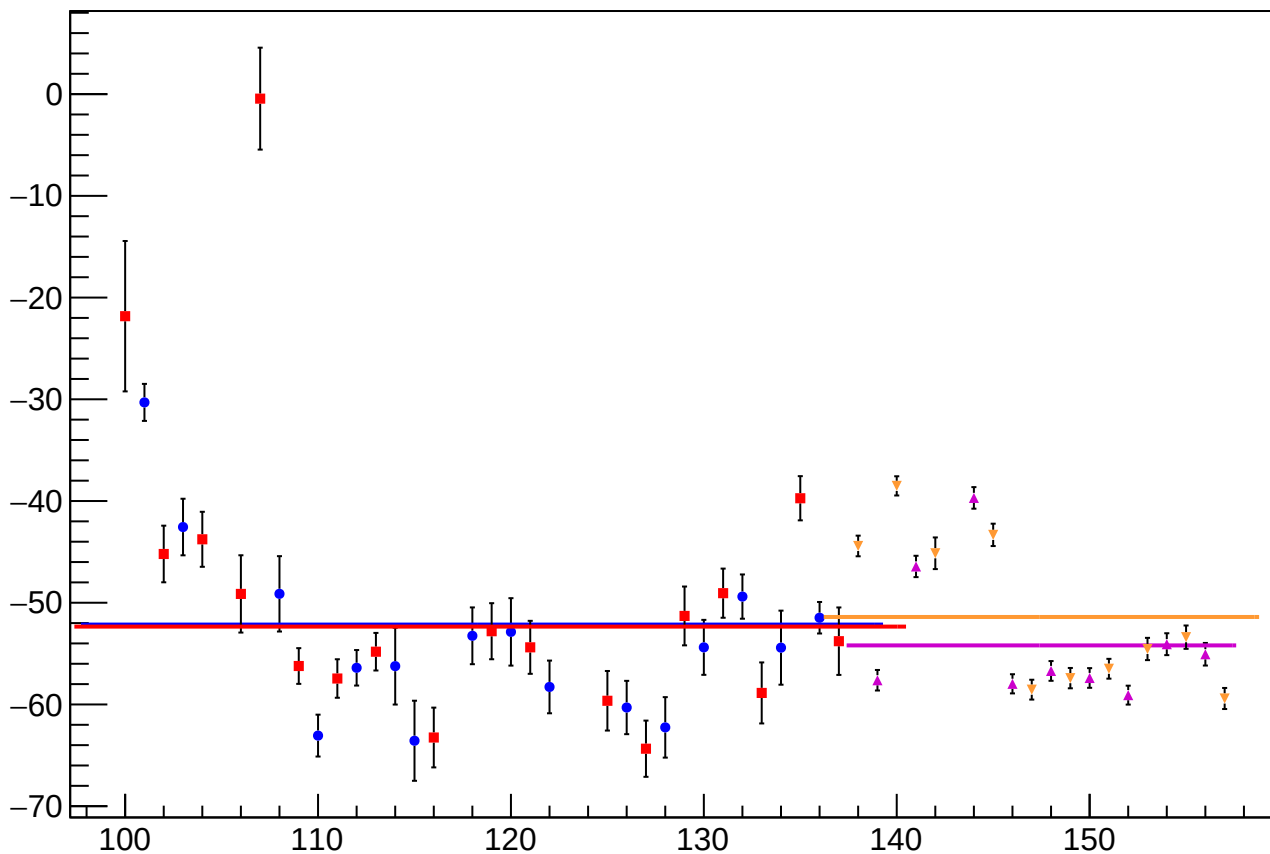
Left In: -0.919 ± 0.234 χ^2/NDF : 48.3/8

+ sign 0.057 ± 0.190 χ^2/NDF : 197.8/25

All: -0.148 ± 0.136 χ^2/NDF : 308.9/52

- sign -0.363 ± 0.195 χ^2/NDF : 108.8/26

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

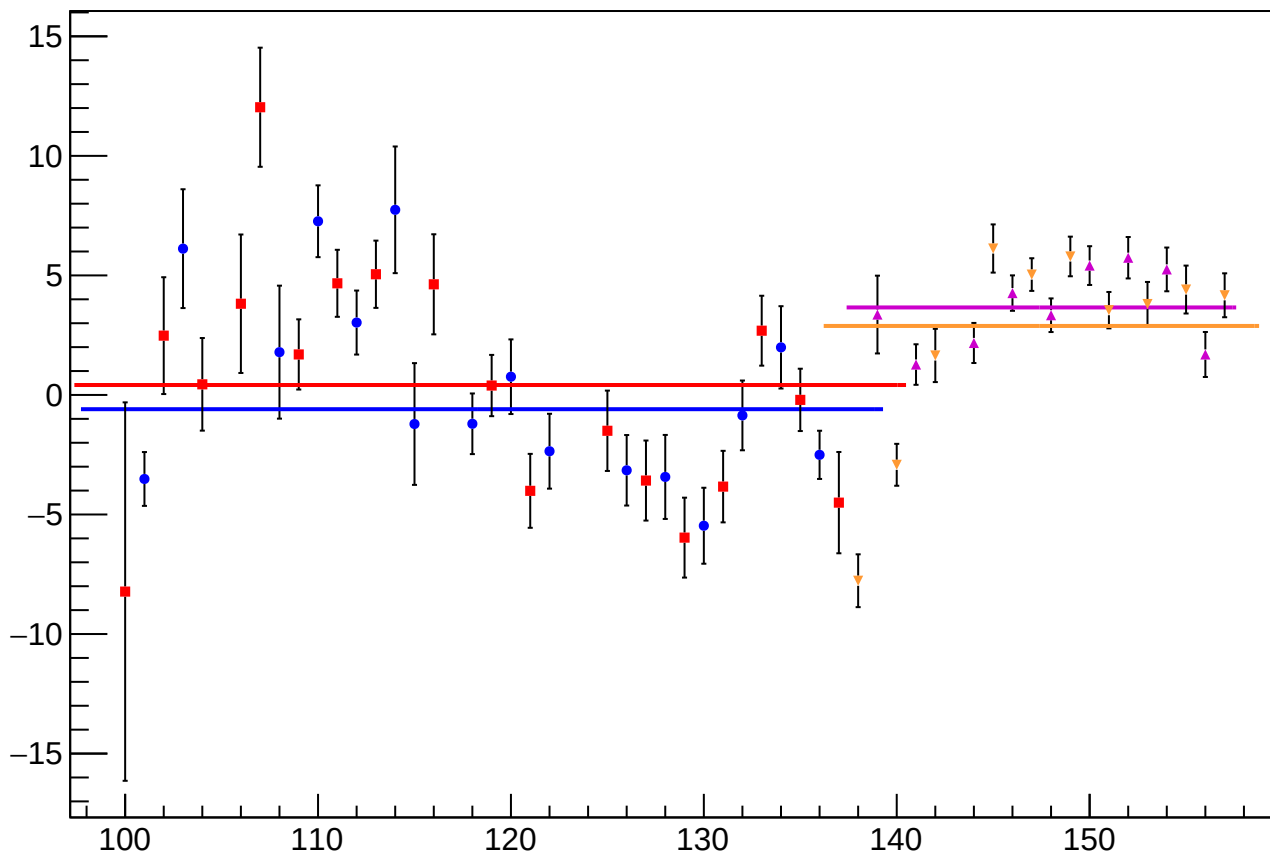
Left In: -54.194 ± 0.336 χ^2/NDF : 315.3/8

+ sign -51.571 ± 0.293 χ^2/NDF : 723.4/25

All: -52.665 ± 0.208 χ^2/NDF : 1309.3/52

- sign -53.771 ± 0.295 χ^2/NDF : 558.0/26

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

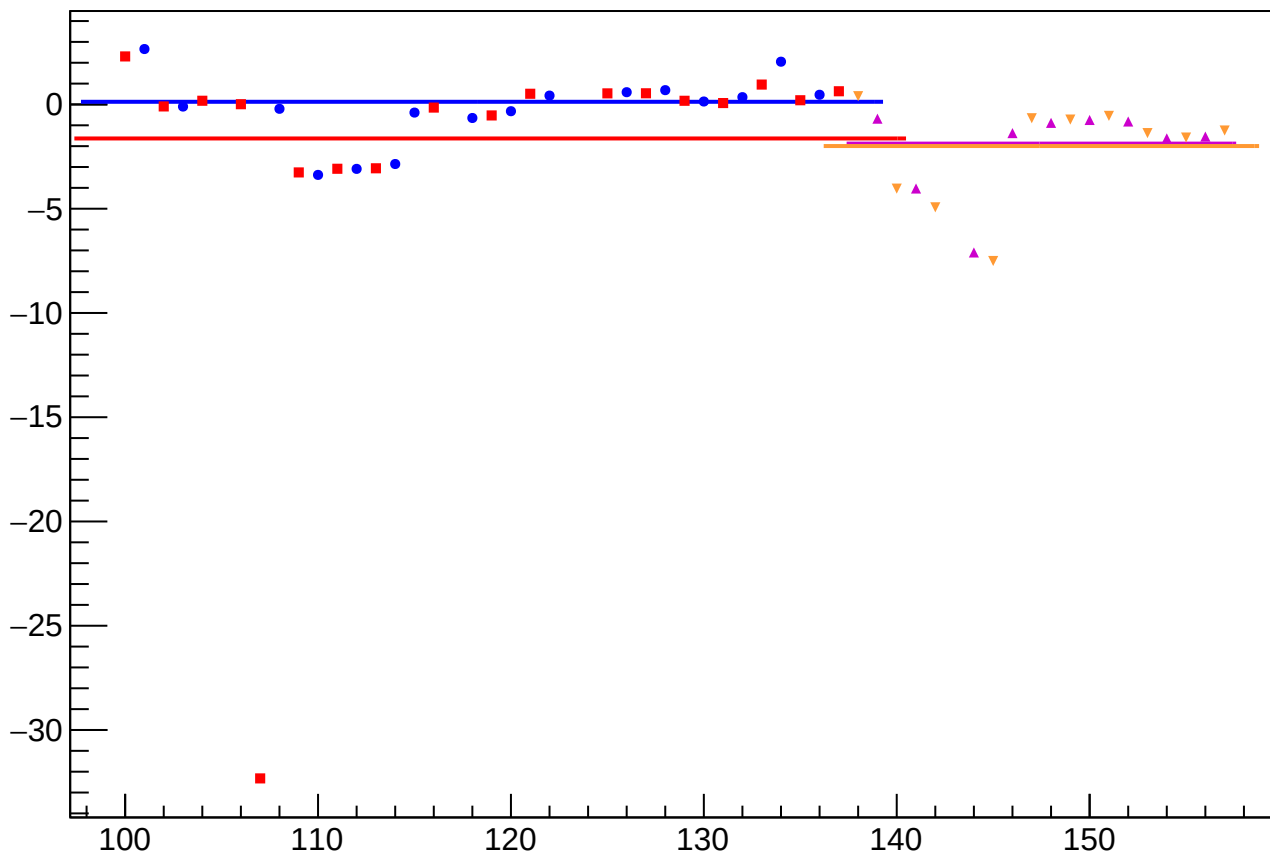
Left In: 3.660 ± 0.286 χ^2/NDF : 29.8/8

+ sign 1.666 ± 0.227 χ^2/NDF : 312.8/25

All: 2.103 ± 0.163 χ^2/NDF : 489.5/52

- sign 2.561 ± 0.233 χ^2/NDF : 169.1/26

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 $\chi^2/\text{NDF}: 77878.6/17$

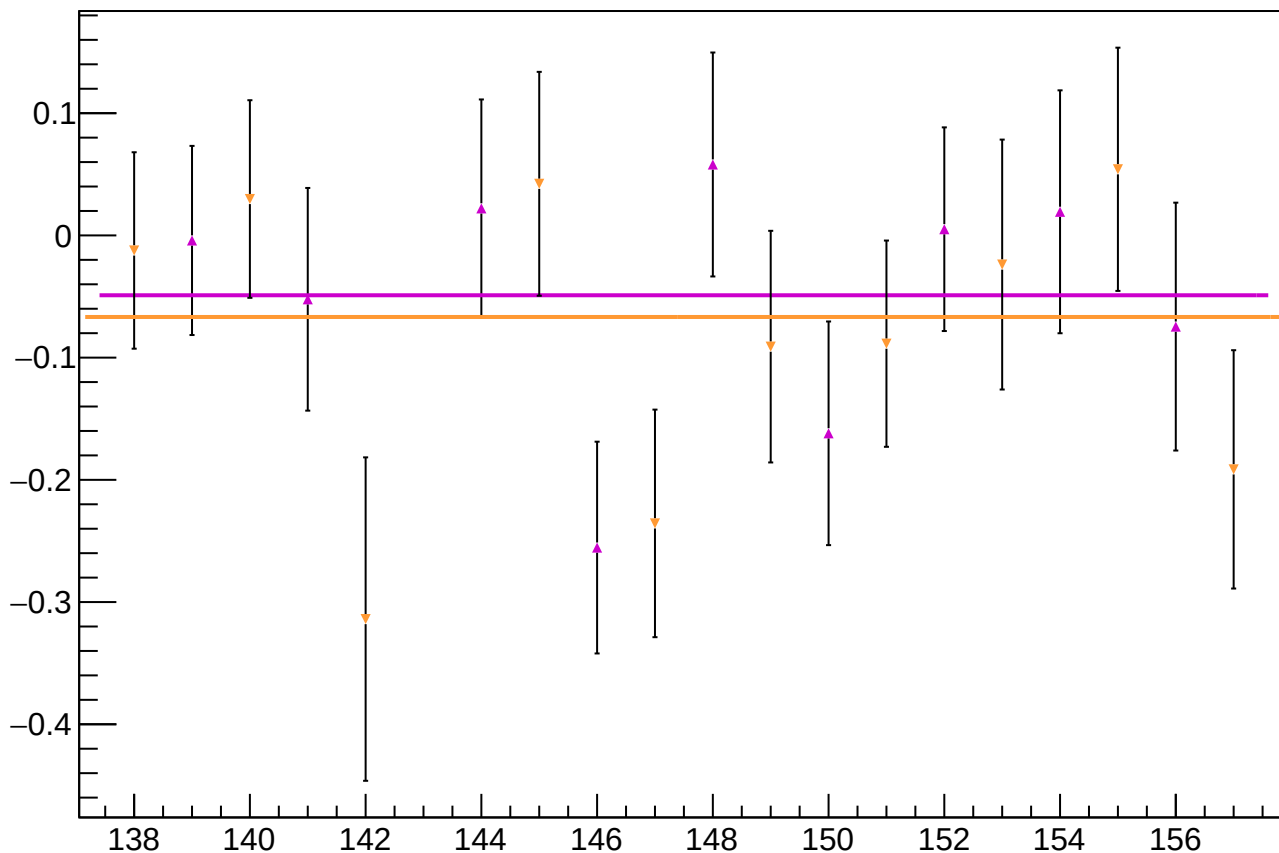
Left In: -1.878 ± 0.013 $\chi^2/\text{NDF}: 18818.7/8$

+ sign -1.411 ± 0.011 $\chi^2/\text{NDF}: 40631.8/25$

All: -1.610 ± 0.008 $\chi^2/\text{NDF}: 138050.0/52$

- sign -1.811 ± 0.011 $\chi^2/\text{NDF}: 96790.9/26$

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

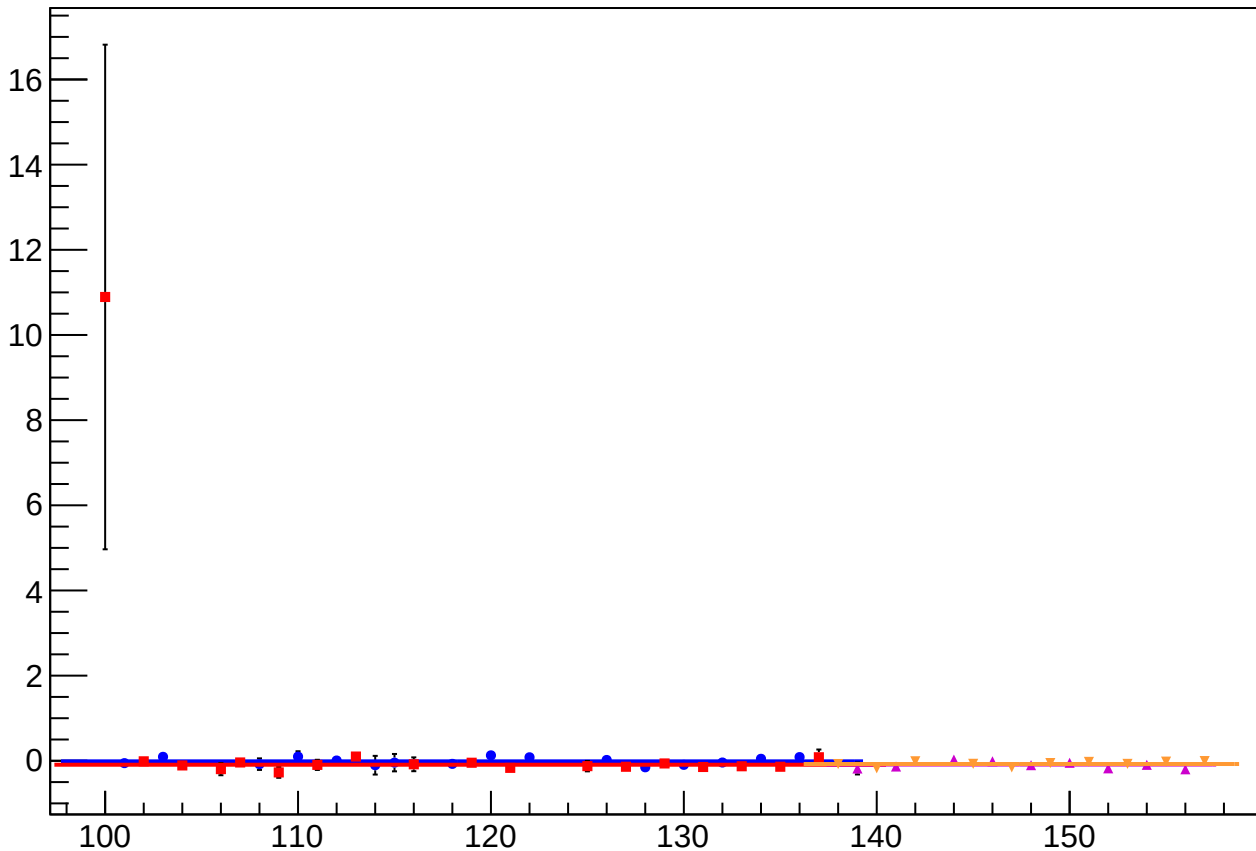
Left In: -0.049+/-0.030 χ^2/NDF : 10.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.058+/-0.021 χ^2/NDF : 24.2/18

- 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

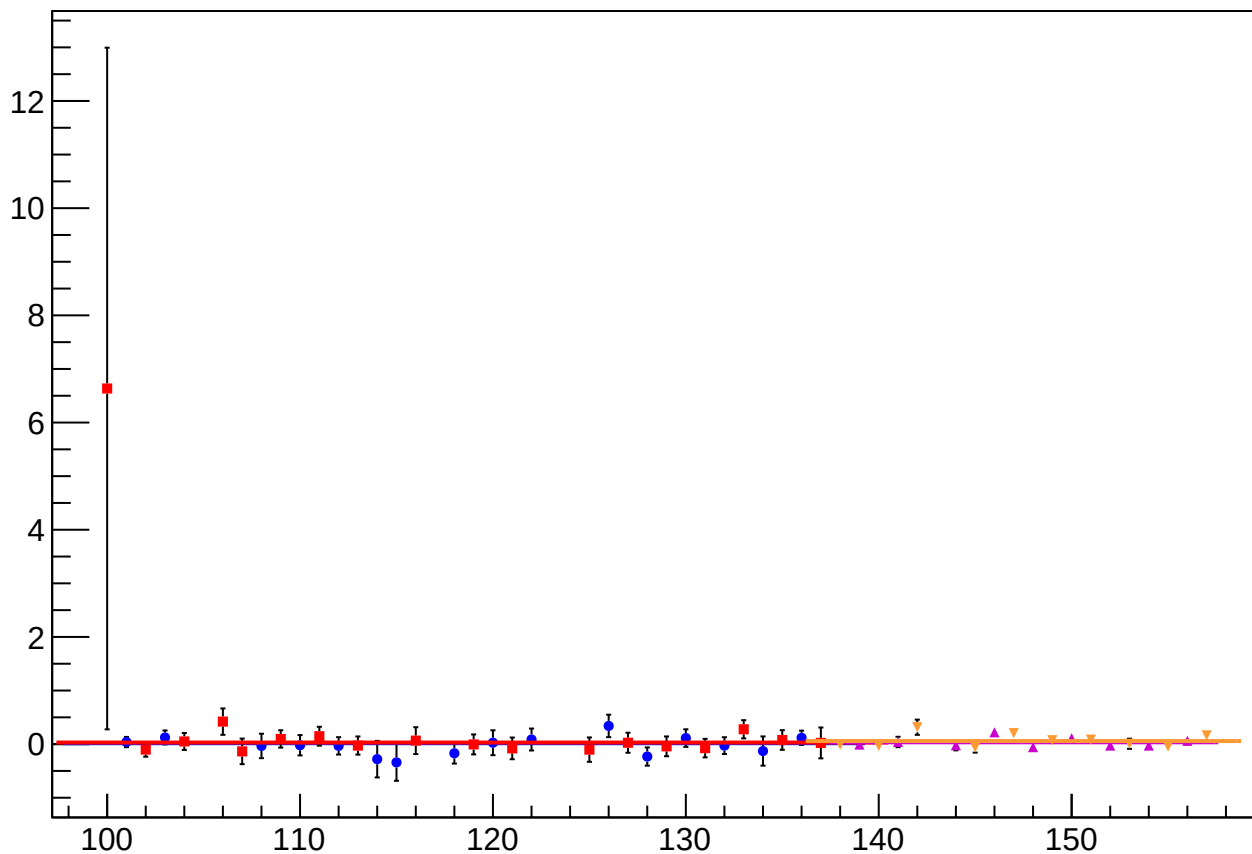
Left In: -0.088 ± 0.021 χ^2/NDF : 11.6/8

+ sign -0.049 ± 0.015 χ^2/NDF : 25.3/25

All: -0.068 ± 0.011 χ^2/NDF : 53.1/52

- sign -0.090 ± 0.016 χ^2/NDF : 24.2/26

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.058 $\pm$ 0.029 χ^2 /NDF:12.5/9

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

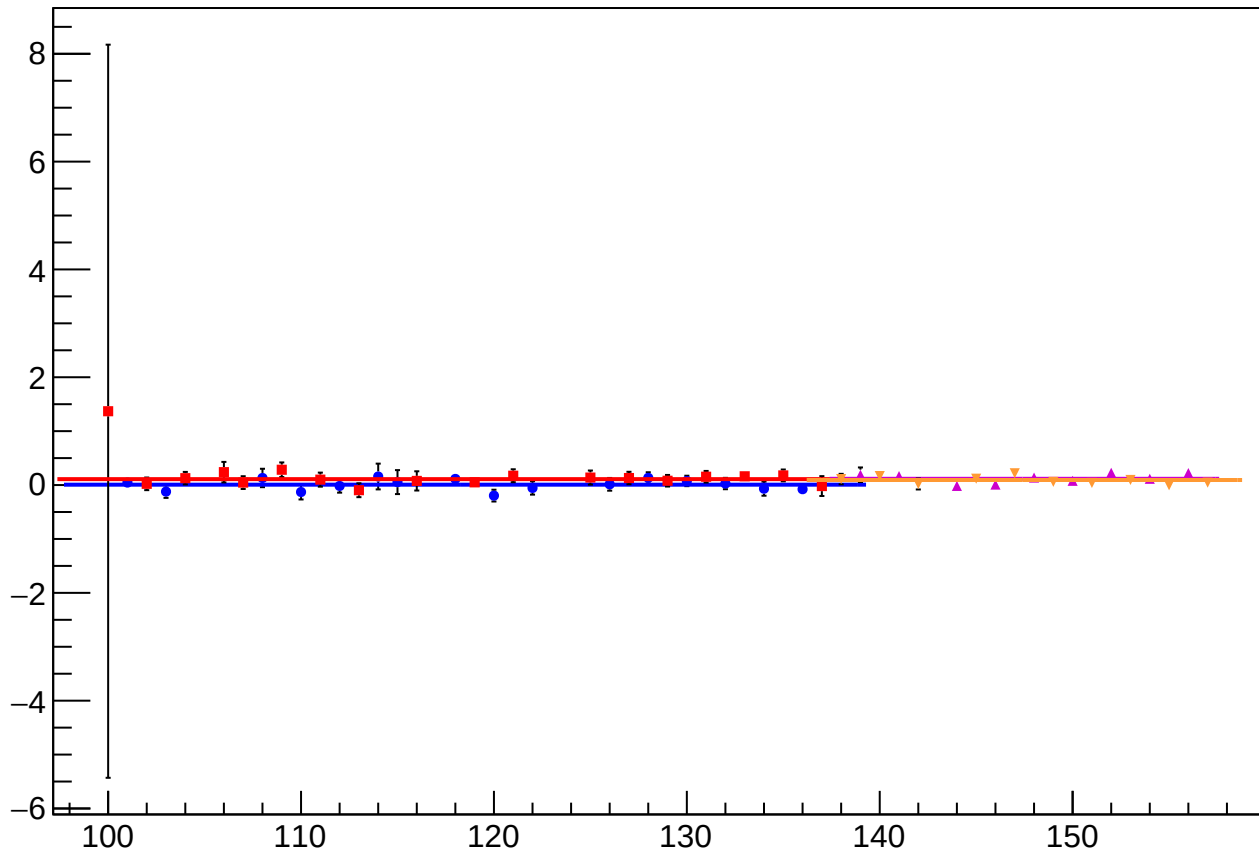
Left In: 0.034 $\pm$ 0.029 χ^2 /NDF:8.7/8

+ sign 0.045 $\pm$ 0.024 χ^2 /NDF: 22.7/25

All: 0.039 $\pm$ 0.017 χ^2 /NDF: 40.7/52

- sign 0.033 $\pm$ 0.025 χ^2 /NDF: 17.9/26

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.094 $\pm$ 0.025 χ^2 /NDF: 8.5/9

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

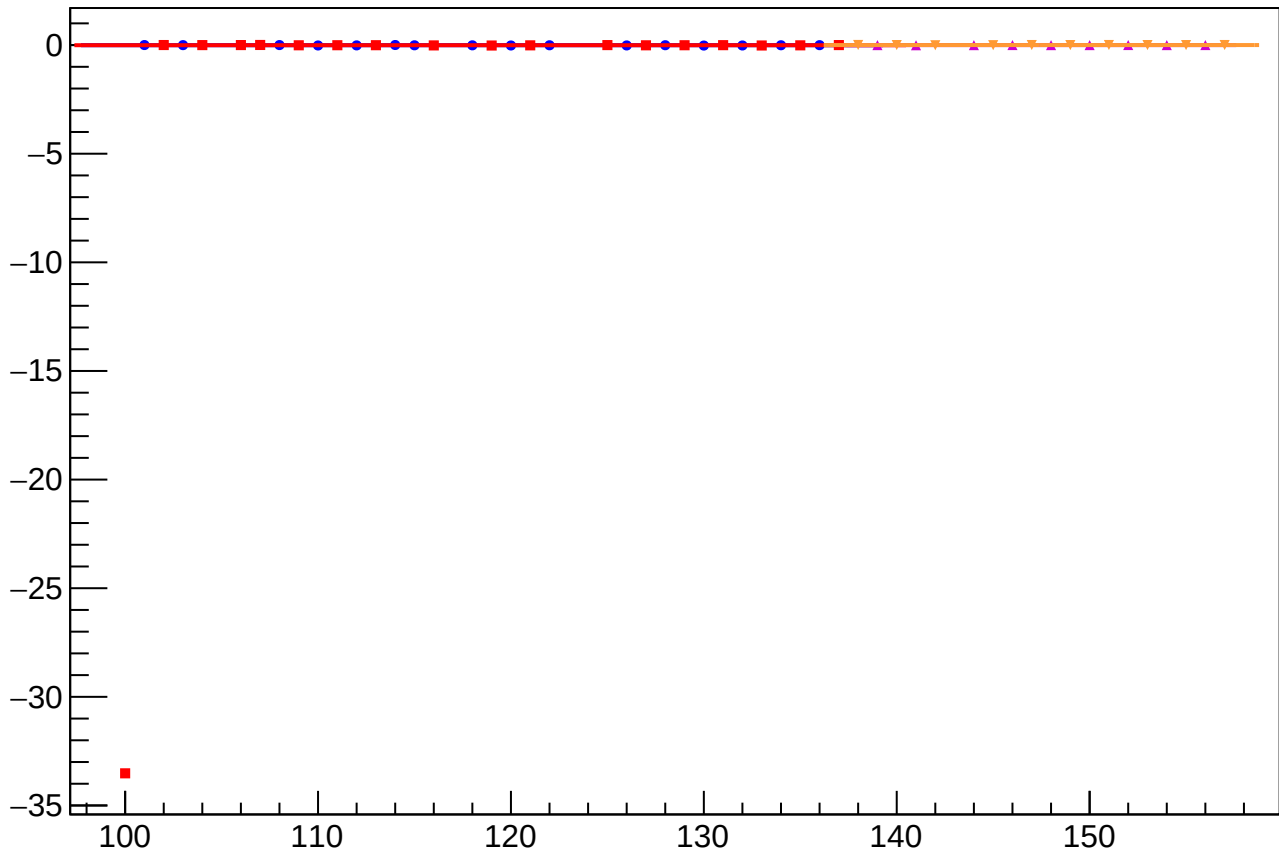
Left In: 0.116 $\pm$ 0.025 χ^2 /NDF: 10.9/8

+ sign 0.054 $\pm$ 0.018 χ^2 /NDF: 26.3/25

All: 0.083 $\pm$ 0.013 χ^2 /NDF: 50.2/52

- sign 0.113 $\pm$ 0.019 χ^2 /NDF: 18.9/26

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 7.0/9

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

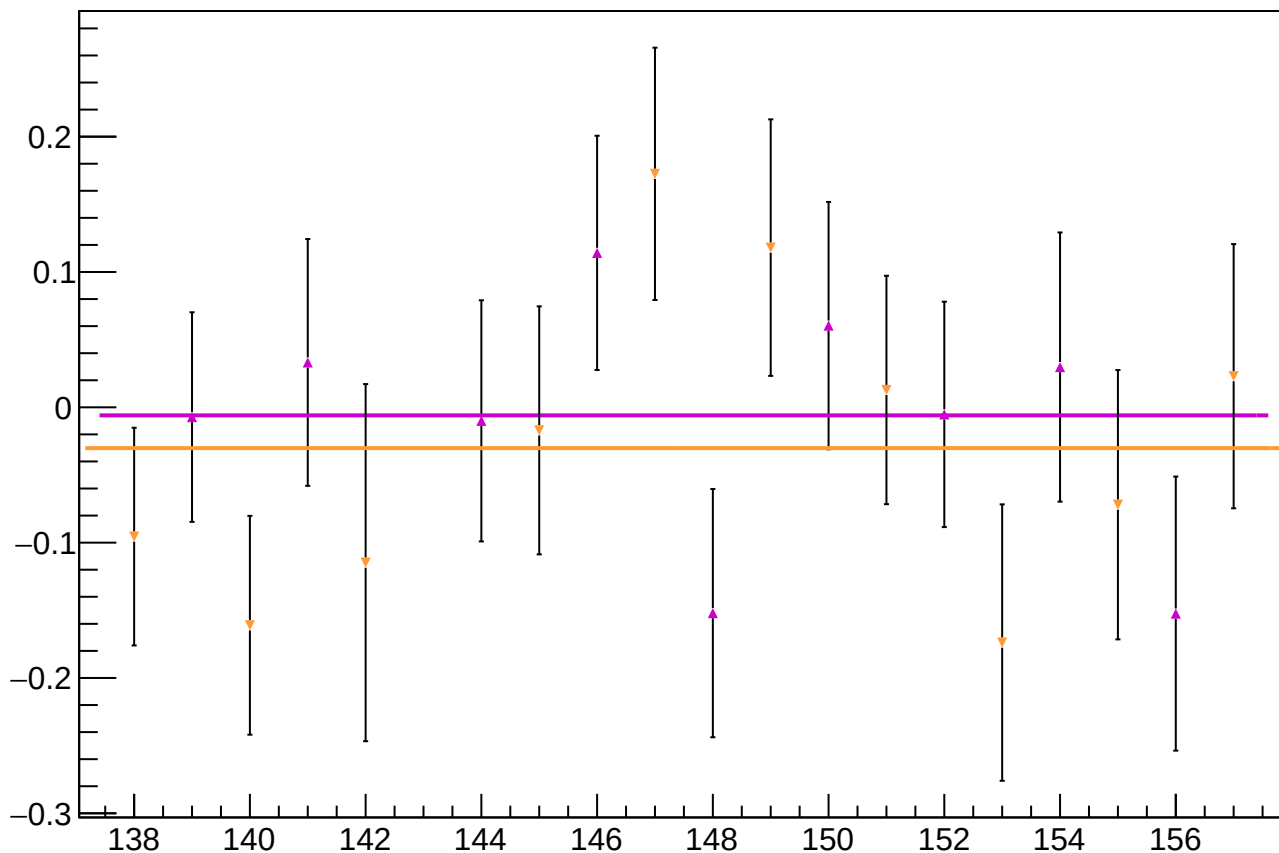
Left In: -0.001 ± 0.001 χ^2/NDF : 4.9/8

+ sign -0.001 ± 0.001 χ^2/NDF : 41.7/25

All: -0.002 ± 0.001 χ^2/NDF : 26564.6/52

- sign -0.003 ± 0.001 χ^2/NDF : 26522.1/26

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

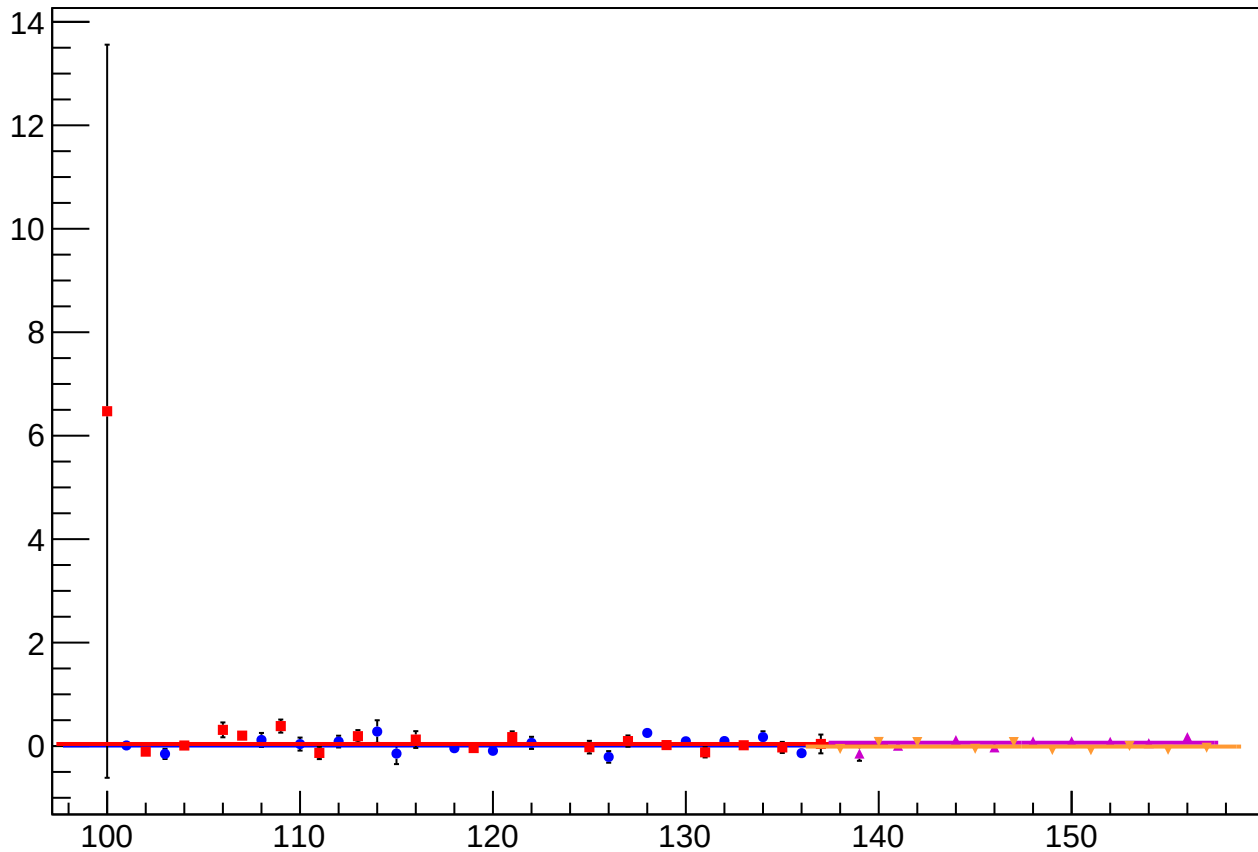
Left In: -0.006 $\pm$ 0.030 χ^2 /NDF:7.4/8

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

All: -0.018 $\pm$ 0.021 χ^2 /NDF: 21.3/18

- 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

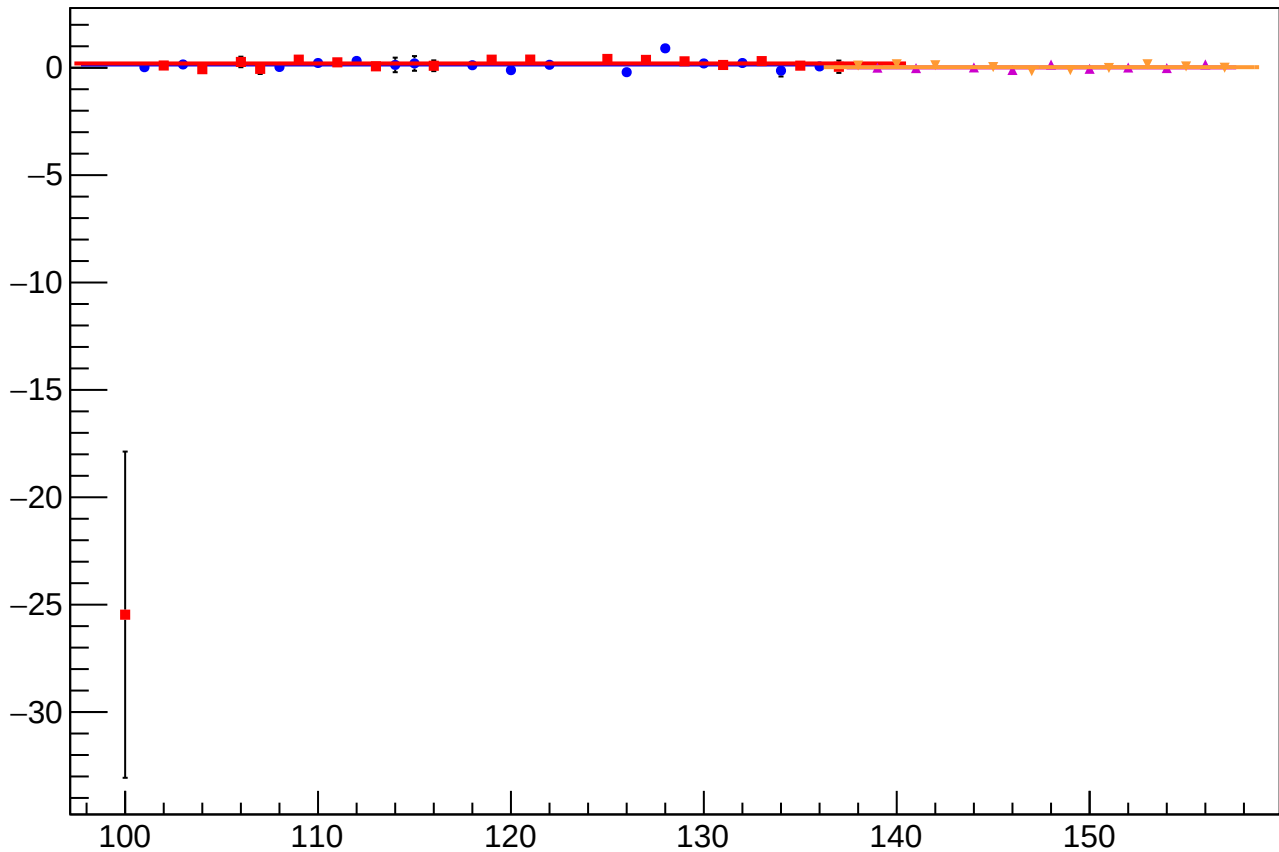
Left In: 0.064 ± 0.021 χ^2/NDF : 9.7/8

+ sign -0.001 ± 0.015 χ^2/NDF : 37.5/25

All: 0.025 ± 0.011 χ^2/NDF : 82.1/52

- sign 0.054 ± 0.016 χ^2/NDF : 38.2/26

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

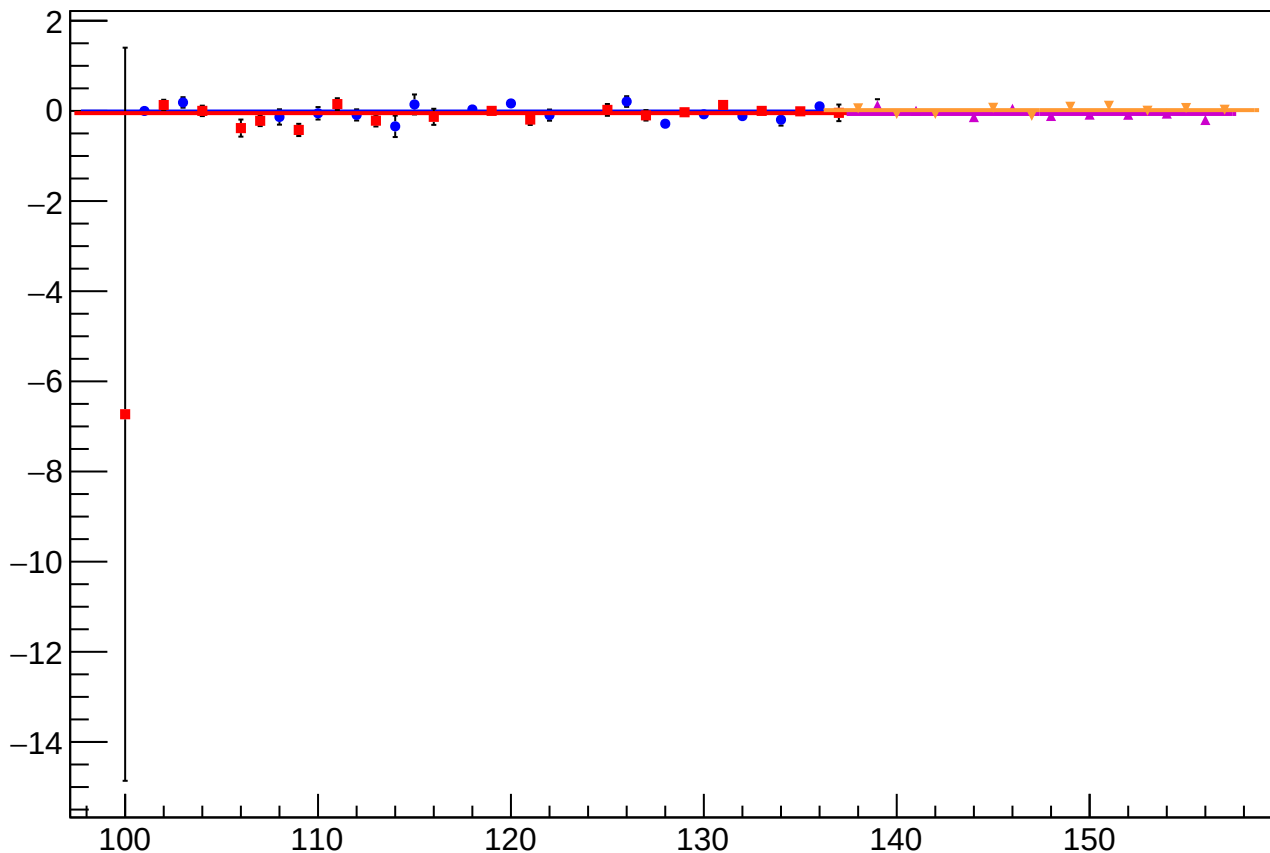
Left In: 0.016 ± 0.029 χ^2/NDF : 7.4/8

+ sign 0.066 ± 0.024 χ^2/NDF : 47.7/25

All: 0.068 ± 0.017 χ^2/NDF : 89.9/52

- sign 0.071 ± 0.025 χ^2/NDF : 42.2/26

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

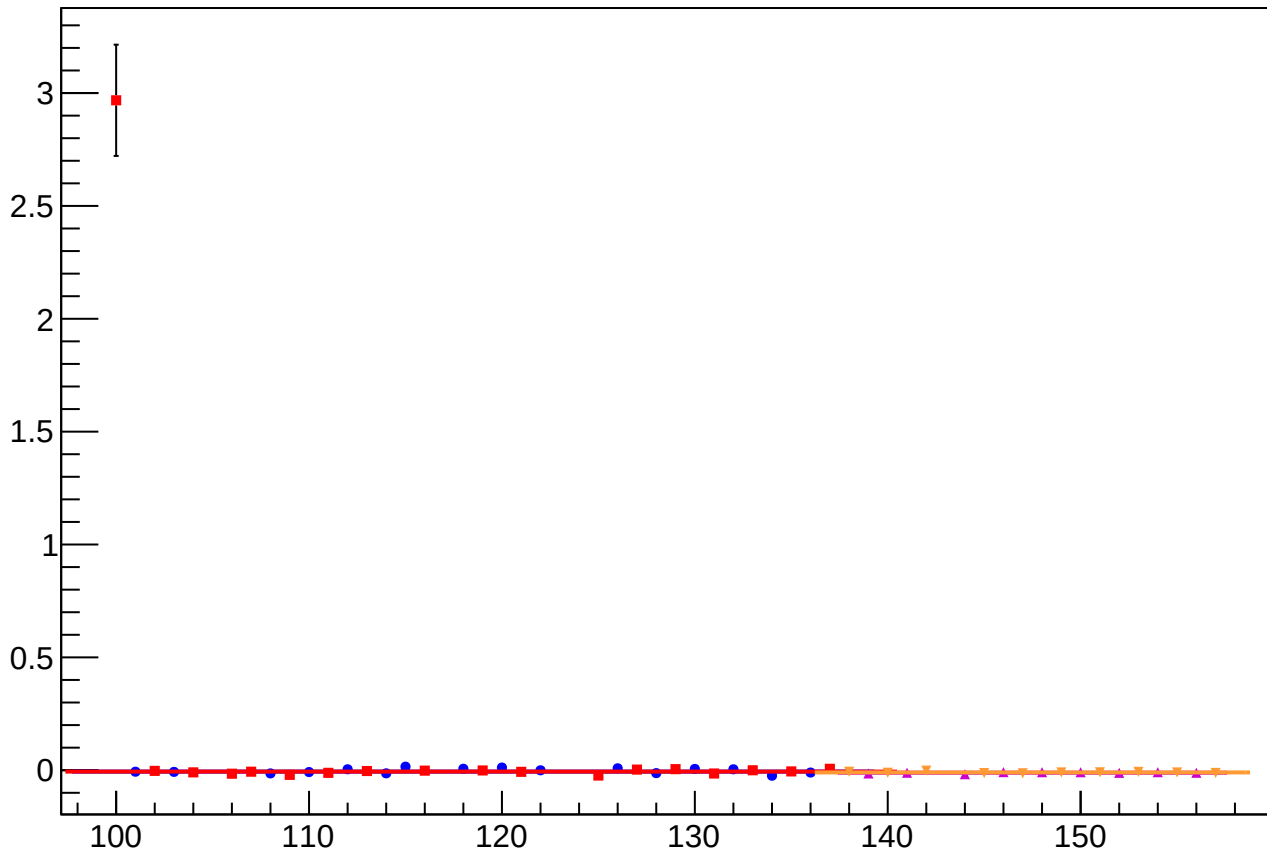
Left In: -0.068 ± 0.025 χ^2/NDF : 10.3/8

+ sign 0.003 ± 0.018 χ^2/NDF : 36.4/25

All: -0.027 ± 0.013 χ^2/NDF : 78.4/52

- sign -0.060 ± 0.019 χ^2/NDF : 36.3/26

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

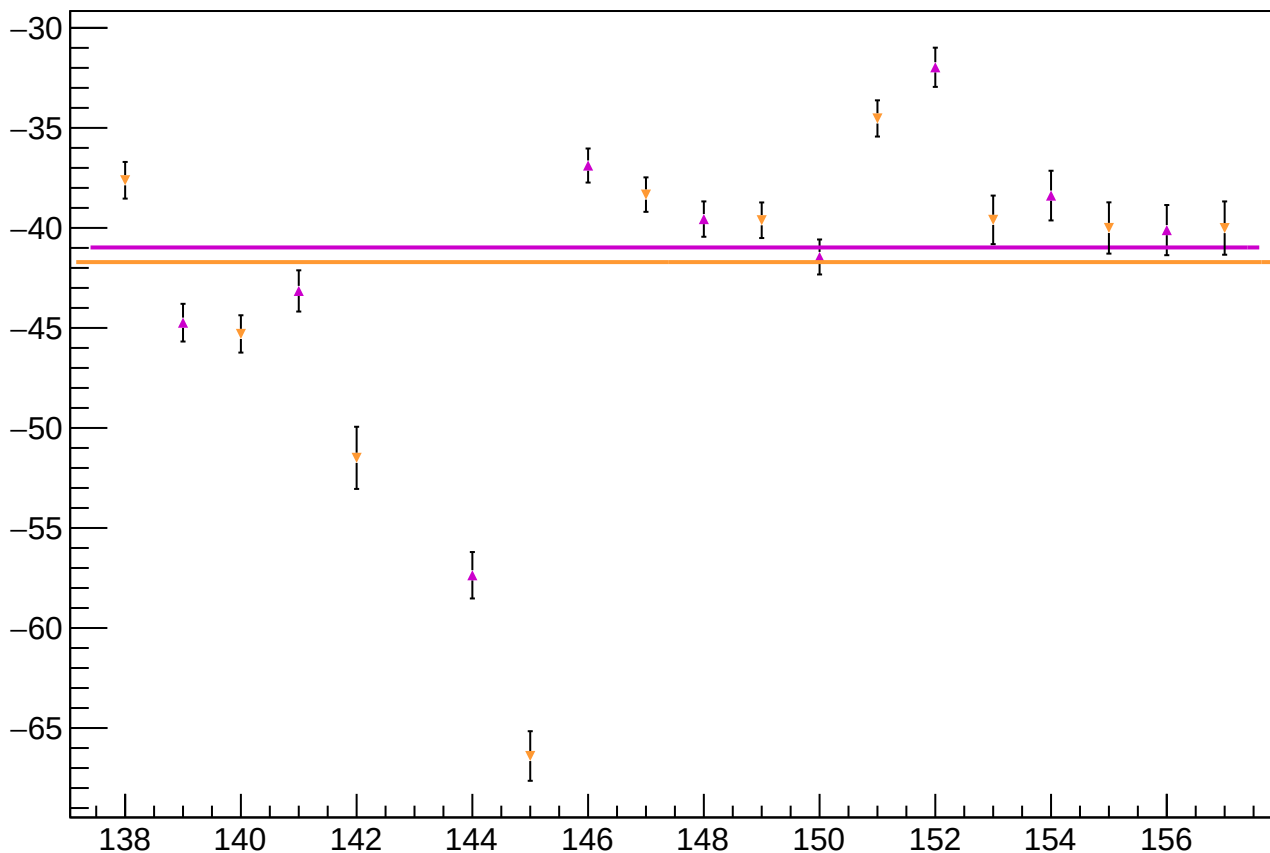
Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/8

+ sign -0.008 ± 0.001 χ^2/NDF : 38.6/25

All: -0.009 ± 0.001 χ^2/NDF : 217.9/52

- sign -0.009 ± 0.001 χ^2/NDF : 178.9/26

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

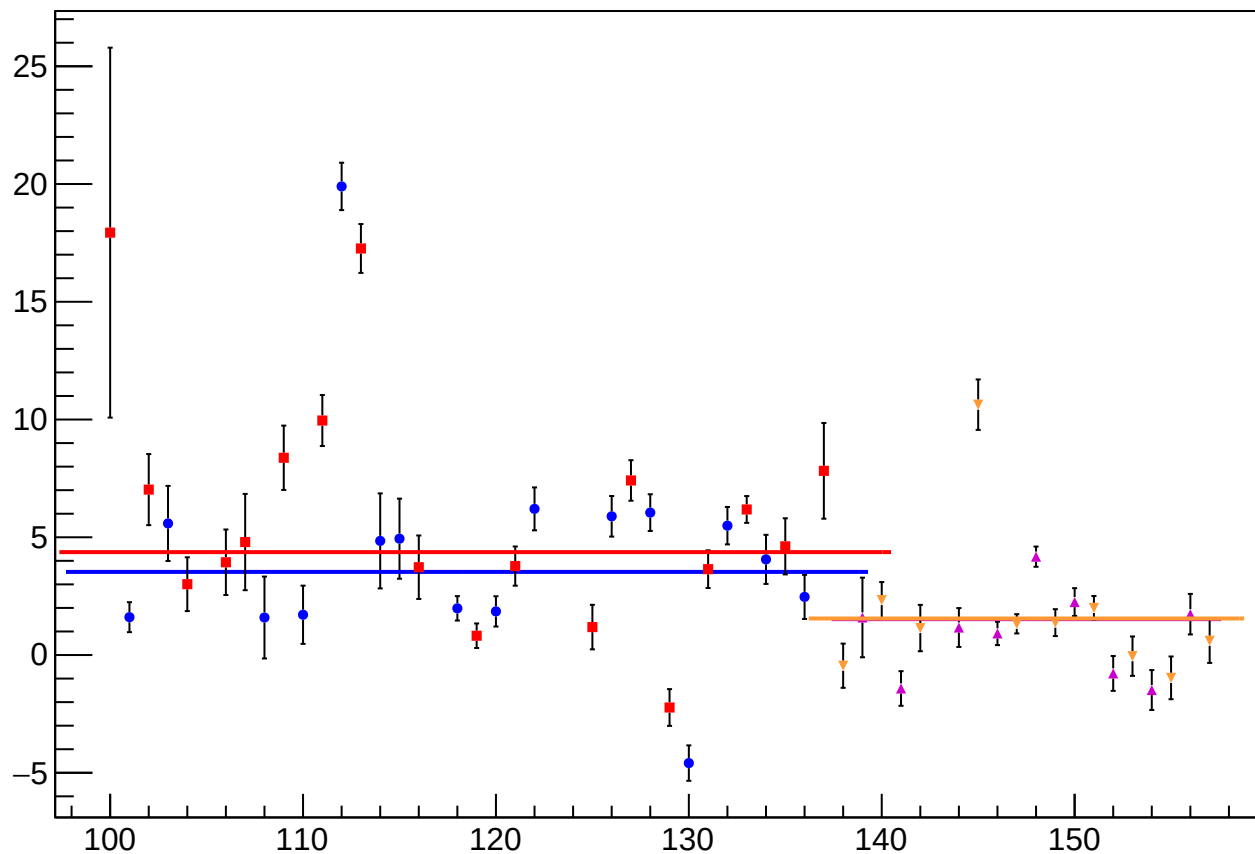
Left In: -40.977+/-0.331 χ^2/NDF : 335.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.343+/-0.234 χ^2/NDF : 898.8/18

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 $\pm$ 0.217 χ^2/NDF : 446.6/15

Left Out: 1.551 $\pm$ 0.216 χ^2/NDF : 91.2/9

Right Out: 4.370 $\pm$ 0.225 χ^2/NDF : 353.8/17

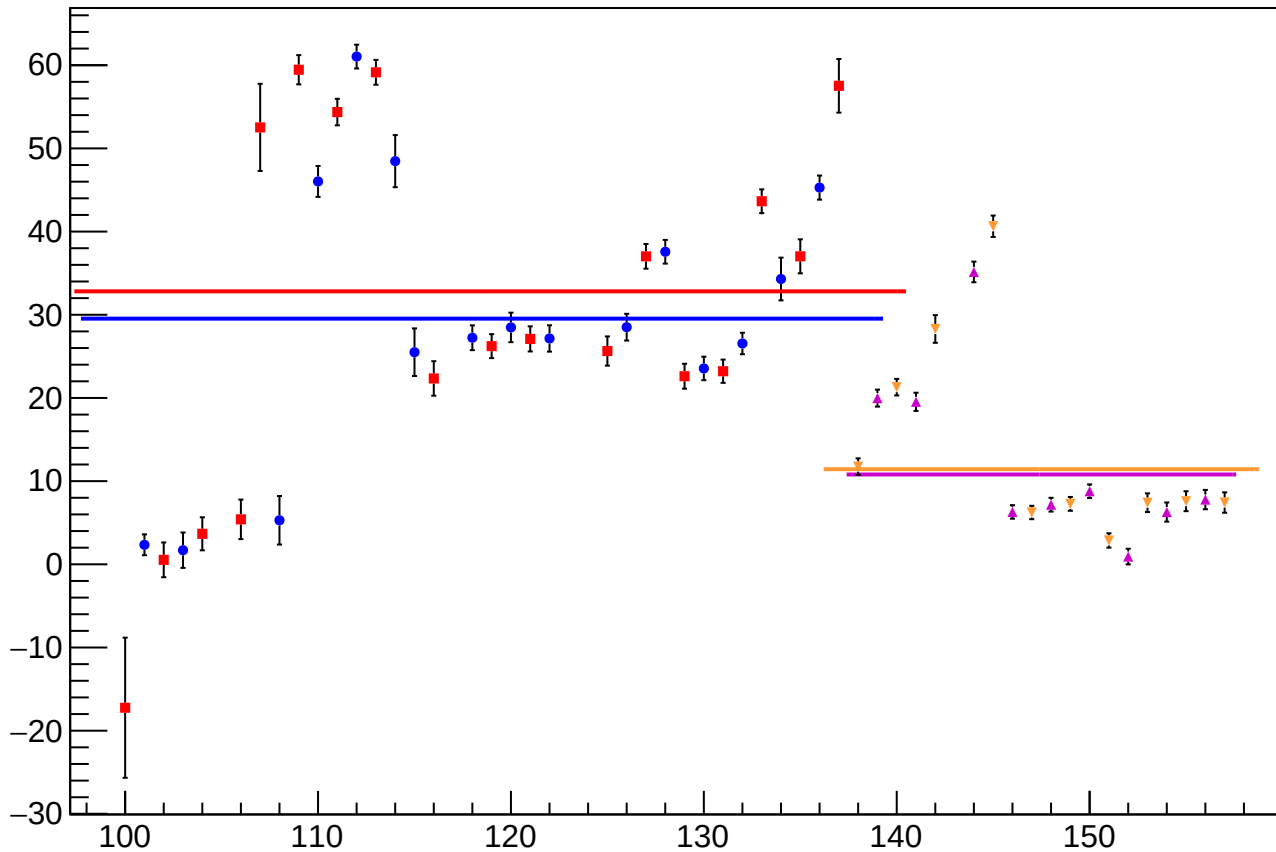
Left In: 1.523 $\pm$ 0.220 χ^2/NDF : 79.8/8

+ sign 2.533 $\pm$ 0.153 χ^2/NDF : 579.5/25

All: 2.719 $\pm$ 0.110 χ^2/NDF : 1097.6/52

- sign 2.915 $\pm$ 0.158 χ^2/NDF : 515.1/26

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 $\chi^2/\text{NDF}: 1494.9/15$

Left Out: 11.436 ± 0.325 $\chi^2/\text{NDF}: 915.7/9$

Right Out: 32.816 ± 0.423 $\chi^2/\text{NDF}: 1659.3/17$

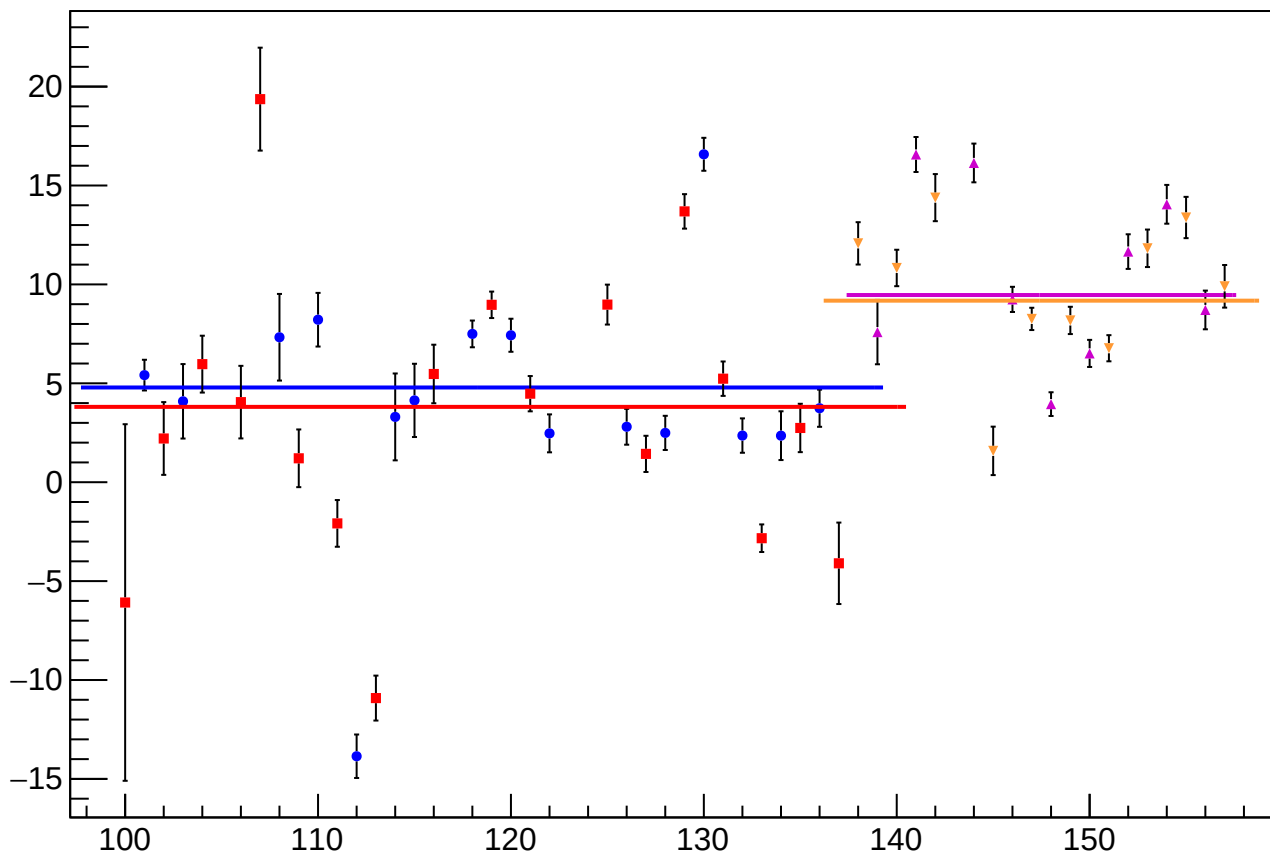
Left In: 10.799 ± 0.324 $\chi^2/\text{NDF}: 717.8/8$

+ sign 18.278 ± 0.256 $\chi^2/\text{NDF}: 3583.6/25$

All: 18.609 ± 0.182 $\chi^2/\text{NDF}: 7672.5/52$

- sign 18.942 ± 0.257 $\chi^2/\text{NDF}: 4085.5/26$

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

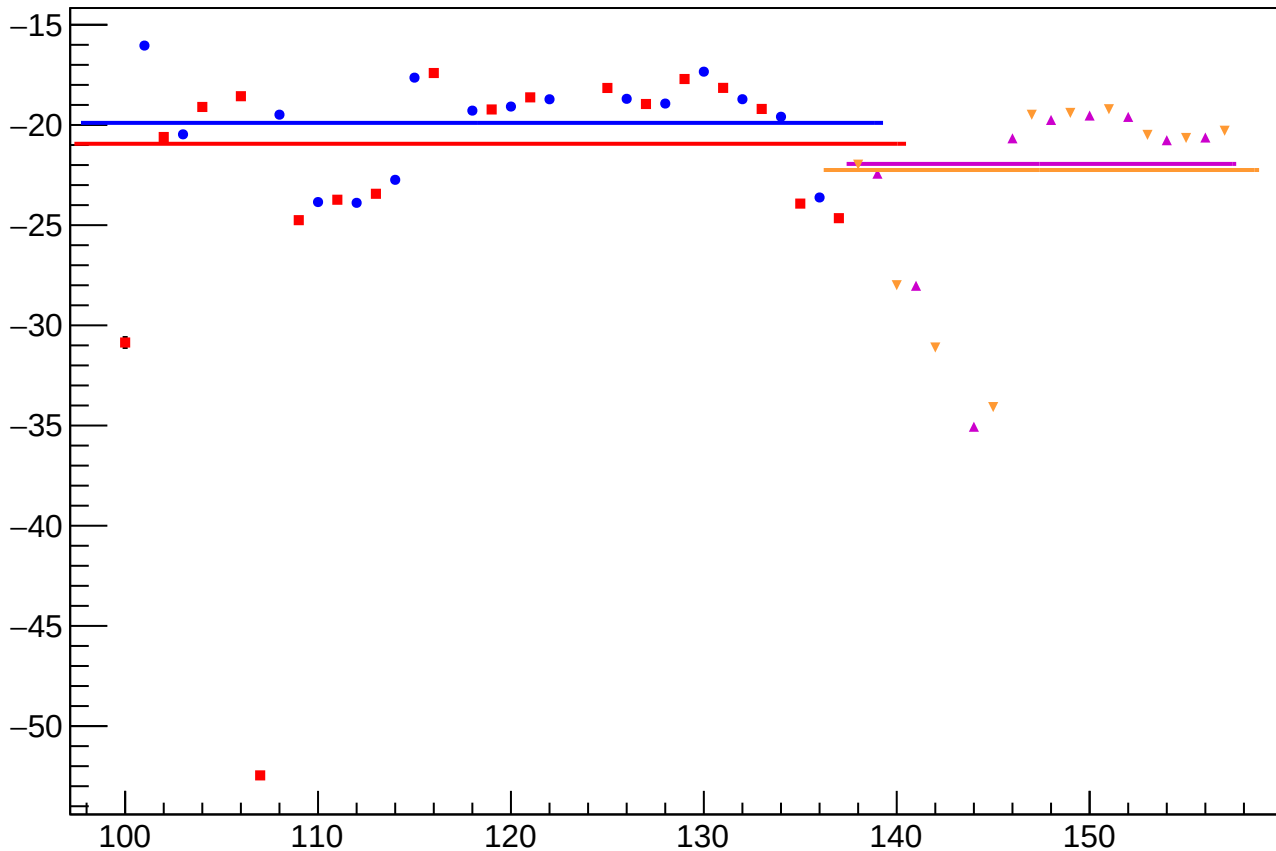
Left In: 9.463 ± 0.272 χ^2/NDF : 244.4/8

+ sign 6.837 ± 0.183 χ^2/NDF : 807.0/25

All: 6.668 ± 0.131 χ^2/NDF : 1847.1/52

- sign 6.492 ± 0.188 χ^2/NDF : 1038.4/26

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

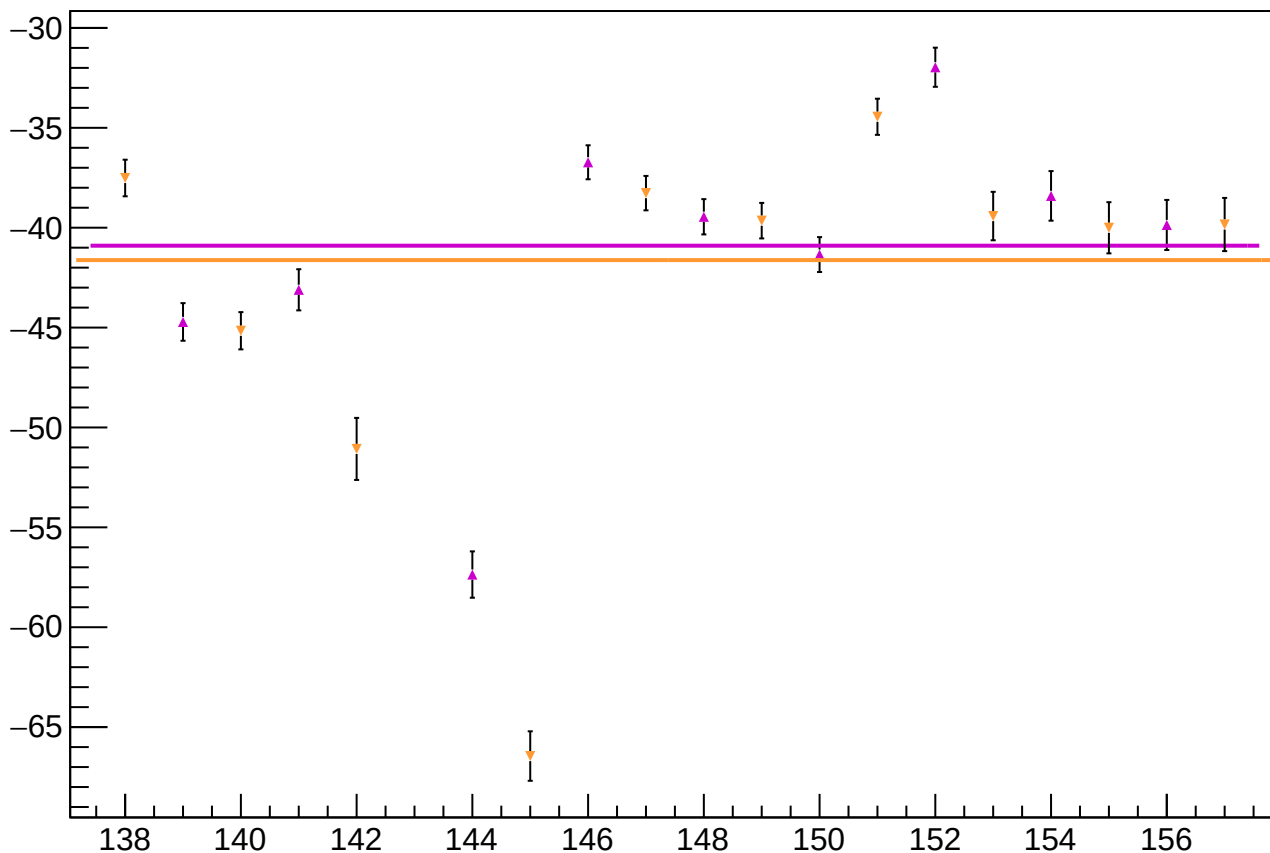
Left In: -21.943 ± 0.013 χ^2/NDF : 92761.4/8

+ sign -21.265 ± 0.010 χ^2/NDF : 152266.4/25

All: -21.401 ± 0.007 χ^2/NDF : 341888.6/52

- sign -21.536 ± 0.010 χ^2/NDF : 189257.9/26

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

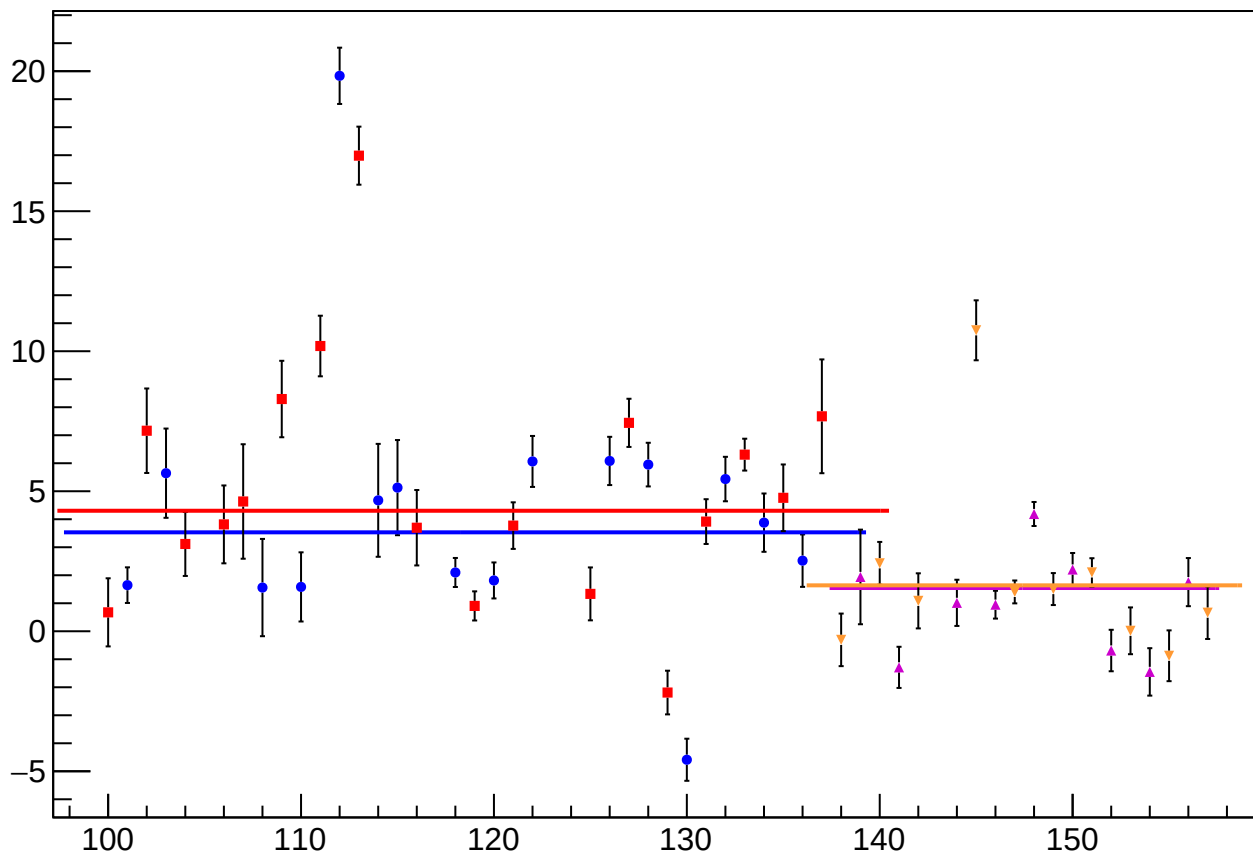
Left In: -40.900+/-0.331 χ^2/NDF : 337.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.261+/-0.234 χ^2/NDF : 902.7/18

- 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 $\chi^2/\text{NDF}: 352.8/17$

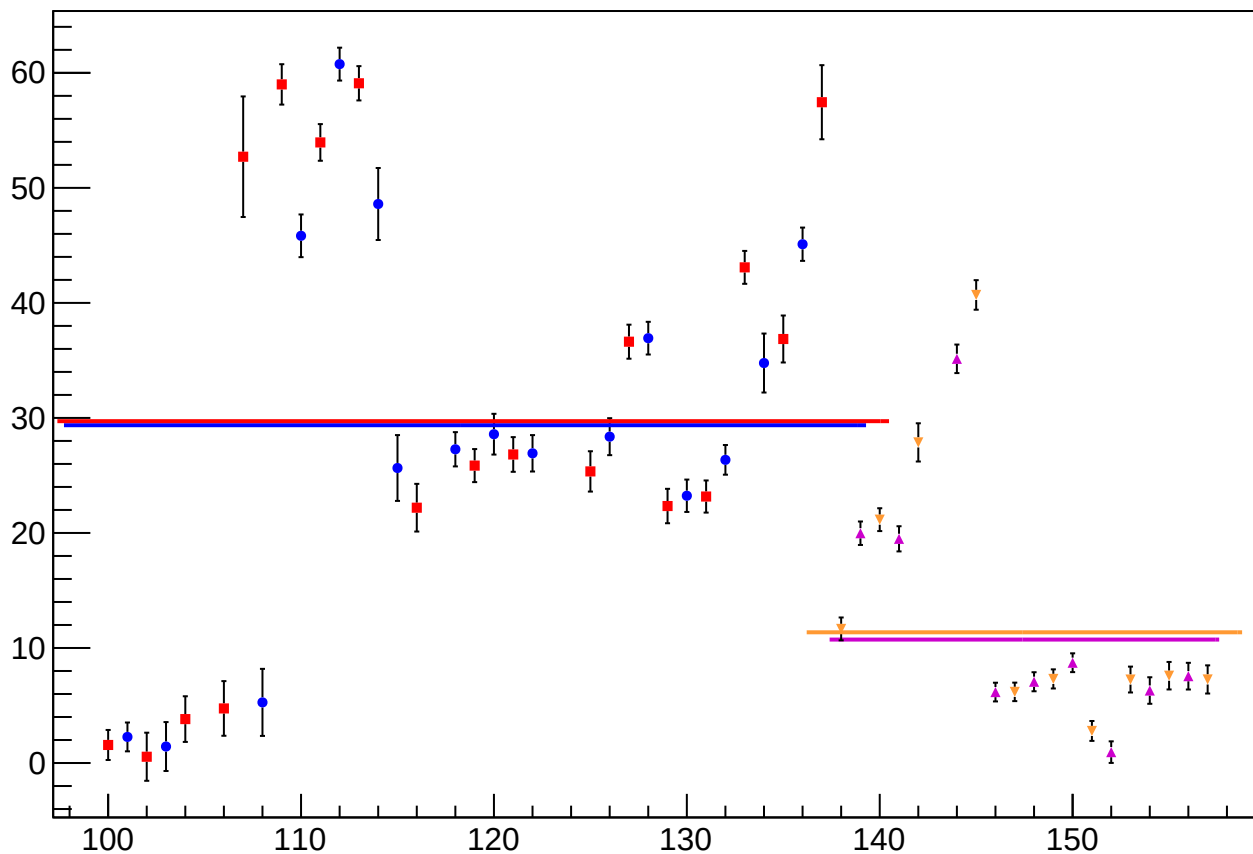
Left In: 1.545 ± 0.220 $\chi^2/\text{NDF}: 77.7/8$

+ sign 2.580 ± 0.153 $\chi^2/\text{NDF}: 573.3/25$

All: 2.744 ± 0.109 $\chi^2/\text{NDF}: 1084.1/52$

- sign 2.916 ± 0.156 $\chi^2/\text{NDF}: 508.4/26$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF : 1488.7/15

Left Out: 11.363+/-0.325 χ^2/NDF : 914.7/9

Right Out: 29.719+/-0.402 χ^2/NDF : 2129.5/17

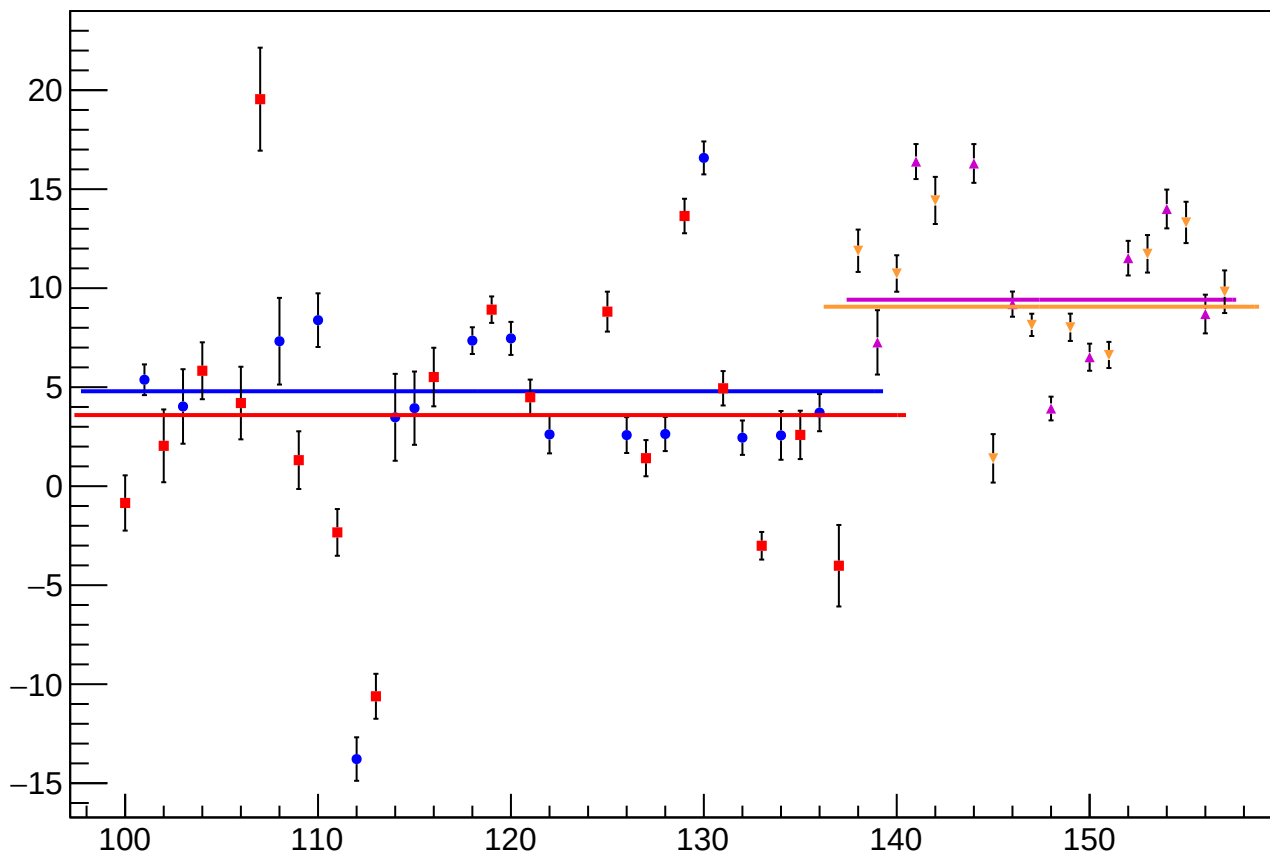
Left In: 10.731+/-0.324 χ^2/NDF : 721.6/8

+ sign 18.171+/-0.256 χ^2/NDF : 3565.5/25

All: 18.181+/-0.180 χ^2/NDF : 7768.1/52

- sign 18.191+/-0.252 χ^2/NDF : 4202.6/26

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 $\chi^2/\text{NDF}: 573.3/17$

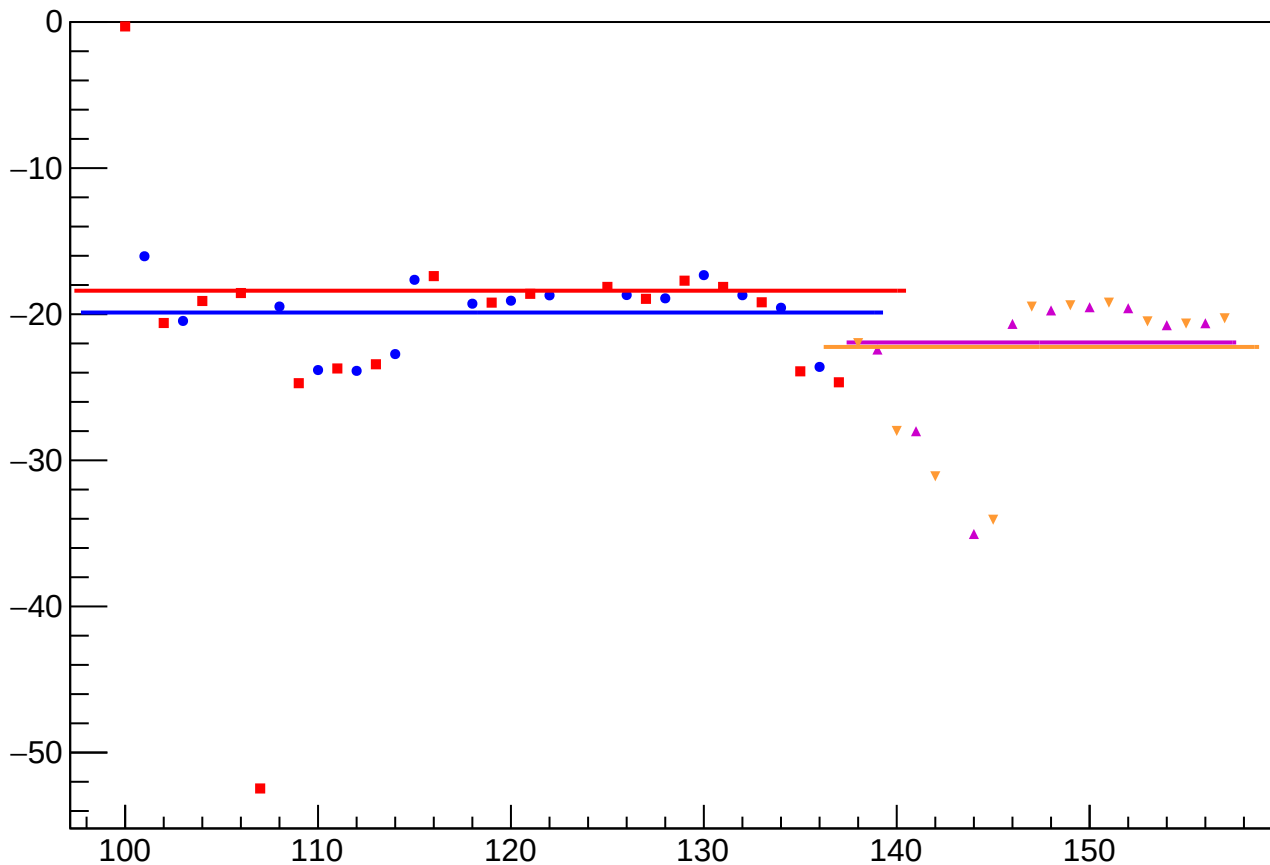
Left In: 9.417 ± 0.272 $\chi^2/\text{NDF}: 243.9/8$

+ sign 6.786 ± 0.183 $\chi^2/\text{NDF}: 798.3/25$

All: 6.550 ± 0.131 $\chi^2/\text{NDF}: 1863.3/52$

- sign 6.308 ± 0.186 $\chi^2/\text{NDF}: 1061.6/26$

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

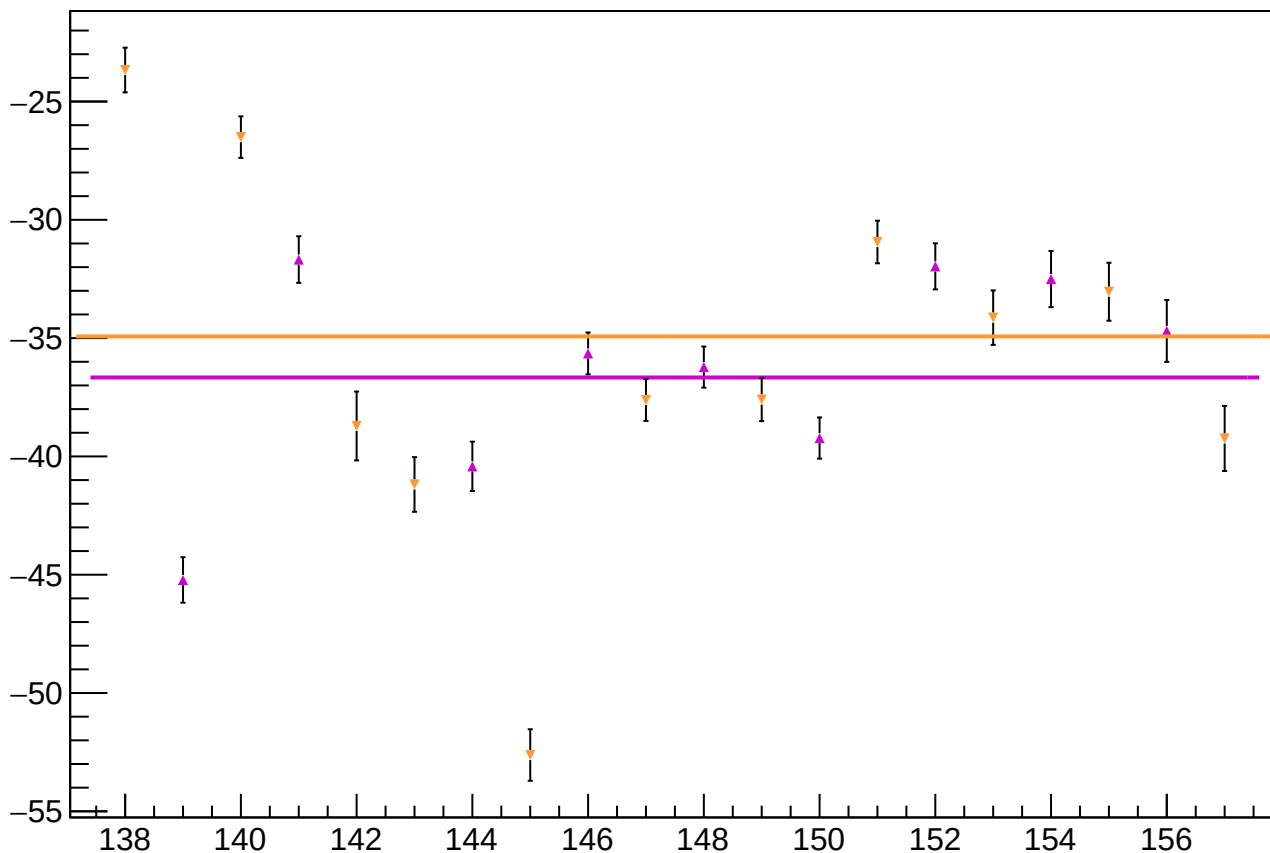
Left In: -21.932 ± 0.013 χ^2/NDF : 92712.8/8

+ sign -21.255 ± 0.010 χ^2/NDF : 152384.0/25

All: -20.807 ± 0.007 χ^2/NDF : 582765.4/52

- sign -20.388 ± 0.010 χ^2/NDF : 426536.4/26

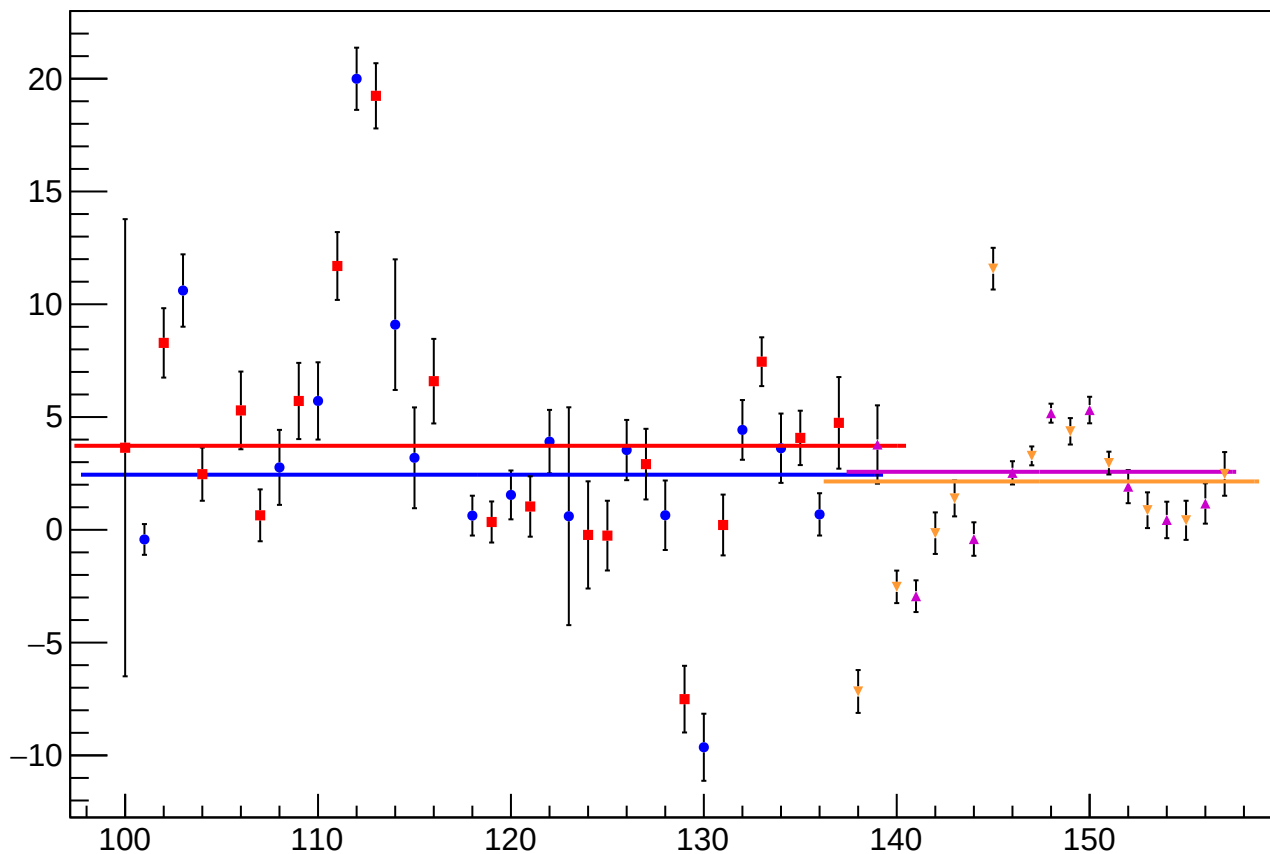
reg_asym_right_avg_diff_bpm1X_slope vs Slug



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: -36.663 $\pm$ 0.328 χ^2 /NDF:165.8/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -35.758 $\pm$ 0.227 χ^2 /NDF: 764.7/19
 - 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

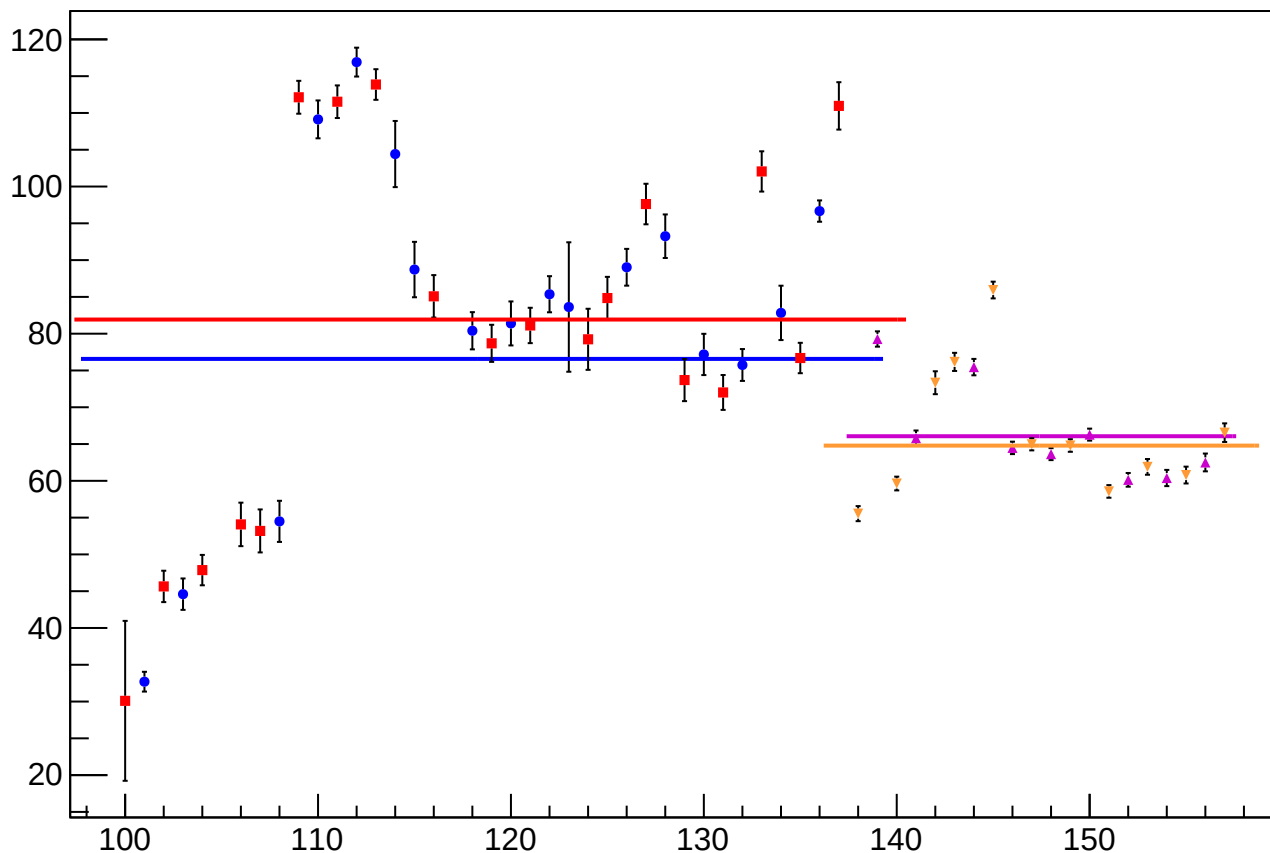
Left In: 2.572 ± 0.218 χ^2/NDF : 148.1/8

+ sign 2.236 ± 0.172 χ^2/NDF : 576.2/27

All: 2.563 ± 0.125 χ^2/NDF : 1009.7/55

- sign 2.927 ± 0.181 χ^2/NDF : 425.8/27

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

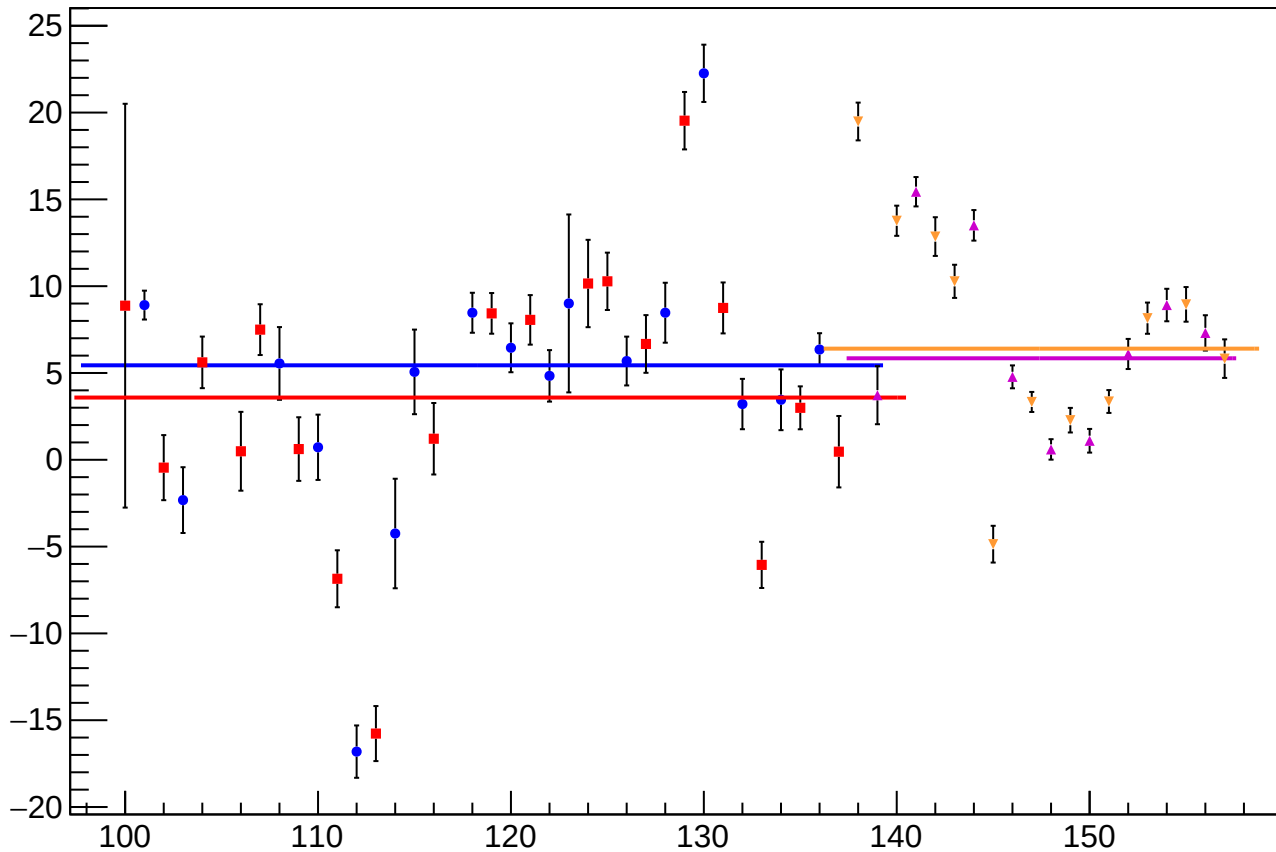
Left In: 66.064 $\pm$ 0.321 χ^2 /NDF: 320.3/8

+ sign 67.455 $\pm$ 0.273 χ^2 /NDF: 3227.5/27

All: 68.524 $\pm$ 0.196 χ^2 /NDF: 5704.9/55

- sign 69.666 $\pm$ 0.282 χ^2 /NDF: 2445.7/27

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 $\chi^2/\text{NDF}: 423.2/18$

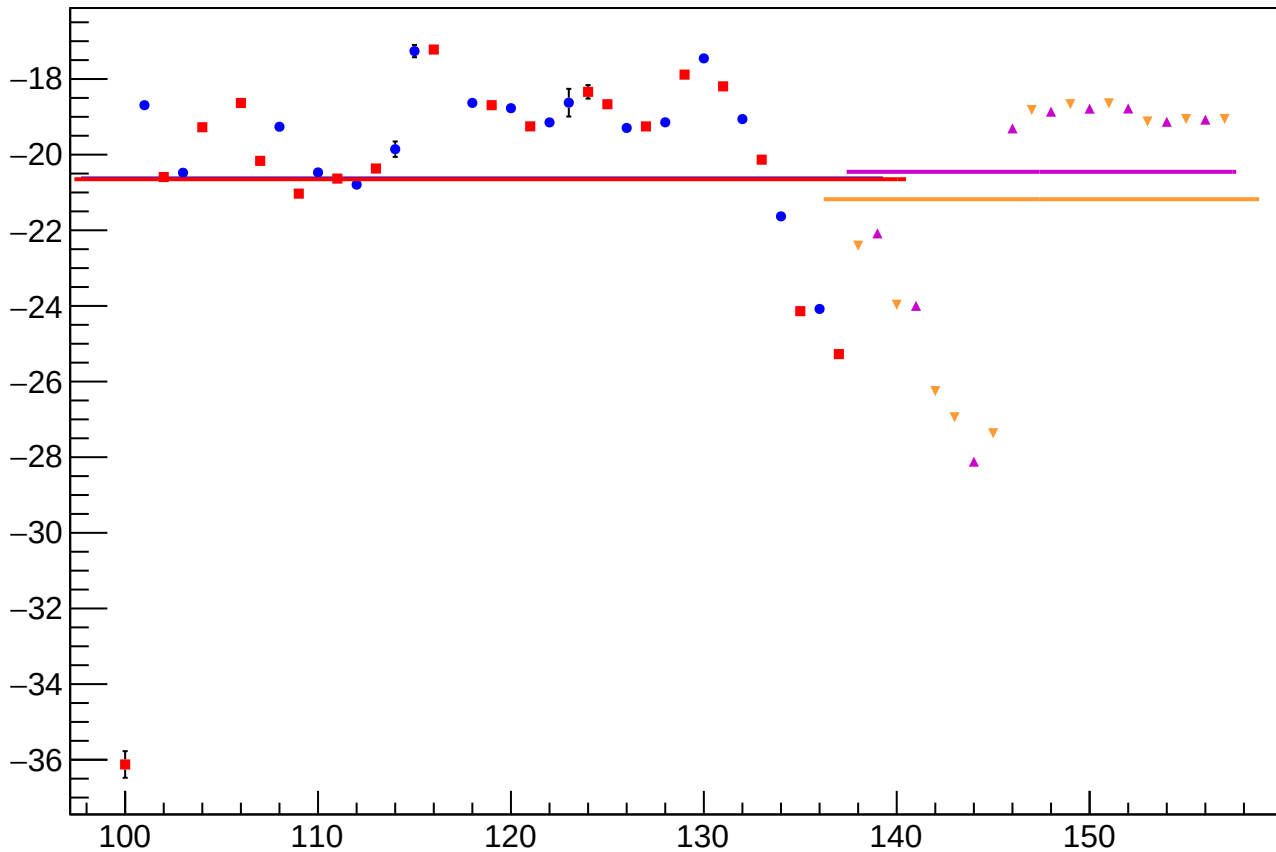
Left In: 5.846 ± 0.269 $\chi^2/\text{NDF}: 349.3/8$

+ sign 6.077 ± 0.208 $\chi^2/\text{NDF}: 866.2/27$

All: 5.603 ± 0.151 $\chi^2/\text{NDF}: 1673.7/55$

- sign 5.078 ± 0.219 $\chi^2/\text{NDF}: 796.5/27$

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 $\chi^2/\text{NDF}: 13885.7/18$

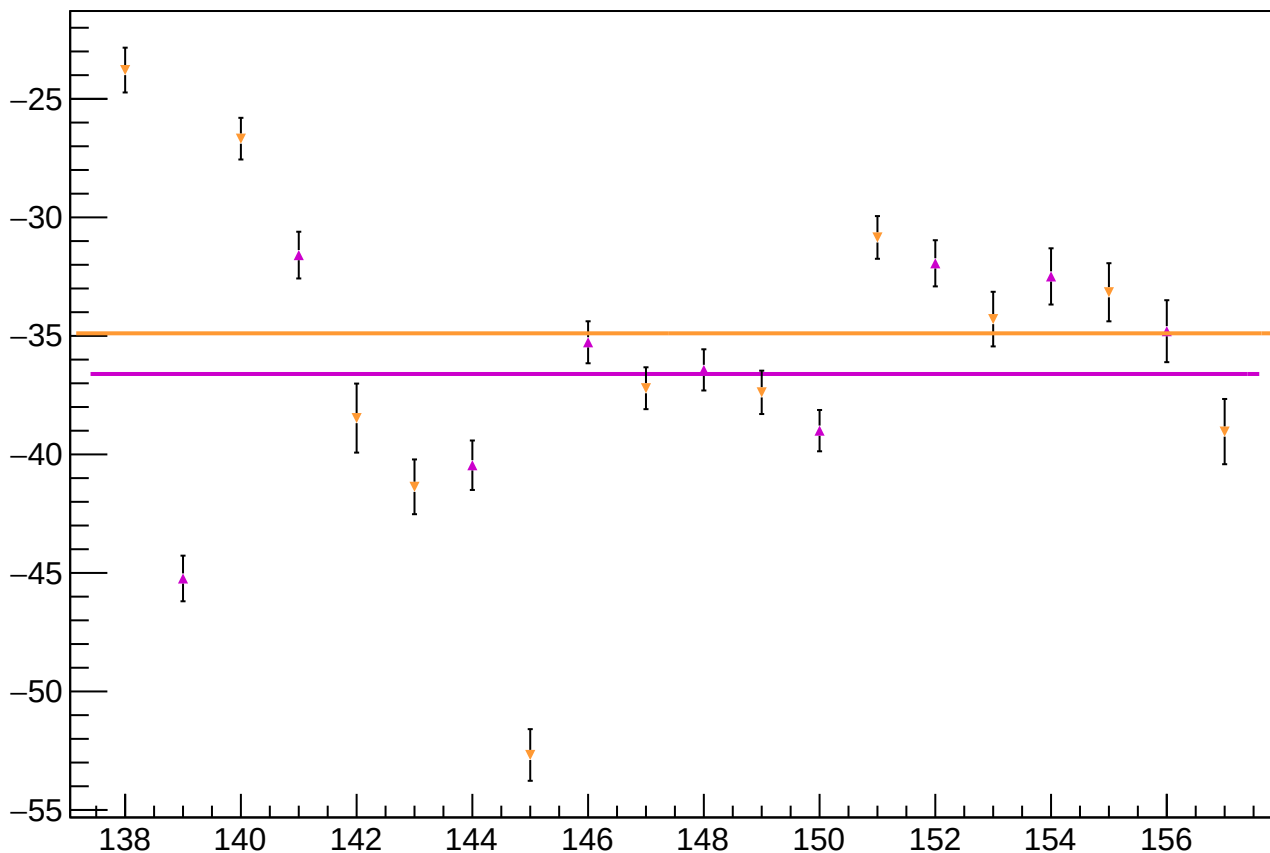
Left In: -20.454 ± 0.013 $\chi^2/\text{NDF}: 43299.0/8$

+ sign -21.016 ± 0.011 $\chi^2/\text{NDF}: 78918.6/27$

All: -20.769 ± 0.008 $\chi^2/\text{NDF}: 137291.7/55$

- sign -20.513 ± 0.011 $\chi^2/\text{NDF}: 57255.4/27$

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

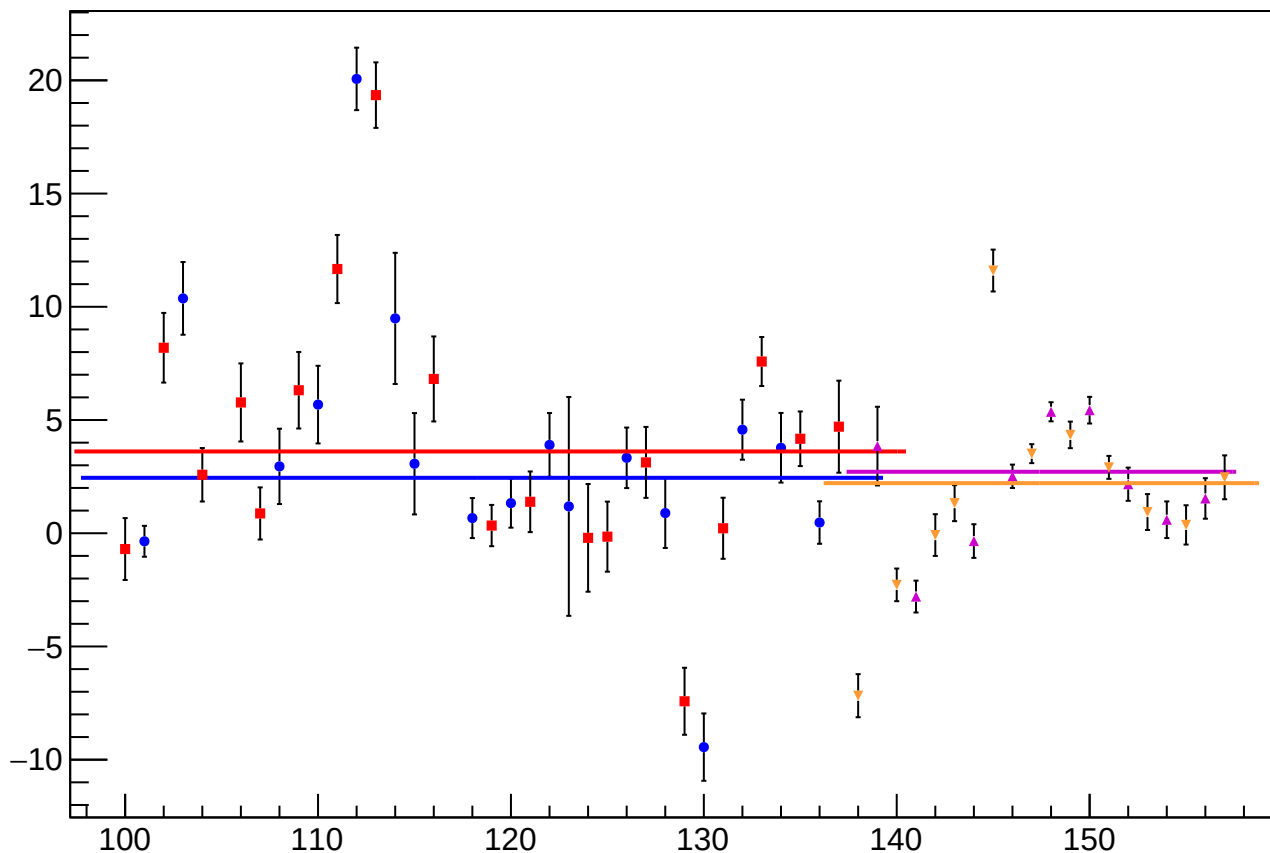
Left In: -36.607+/-0.328 χ^2/NDF : 166.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.712+/-0.227 χ^2/NDF : 756.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 2.213 ± 0.206 χ^2/NDF : 278.7/10

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

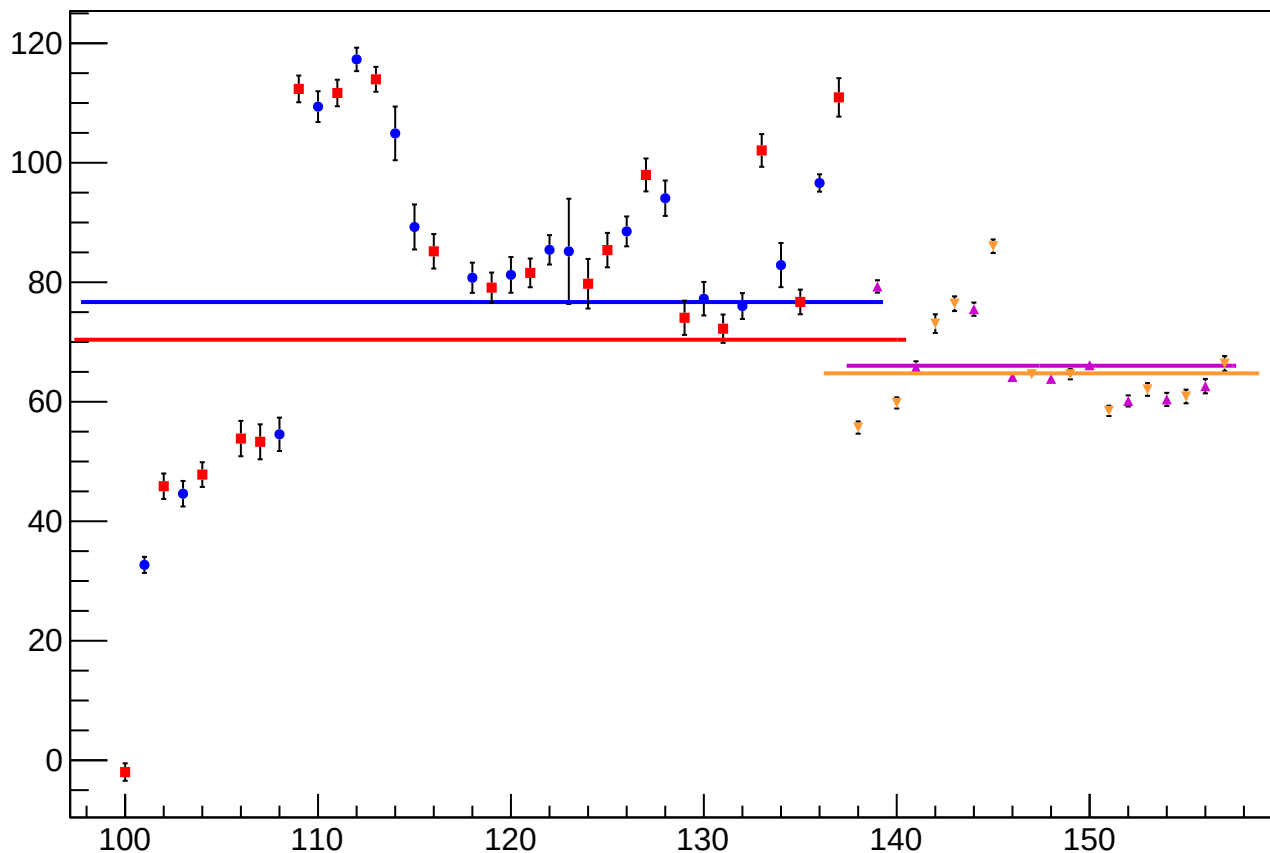
Left In: 2.714 ± 0.218 χ^2/NDF : 148.9/8

+ sign 2.284 ± 0.172 χ^2/NDF : 572.4/27

All: 2.627 ± 0.124 χ^2/NDF : 1014.4/55

- sign 3.001 ± 0.180 χ^2/NDF : 433.7/27

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 ± 0.574 $\chi^2/\text{NDF}: 2265.1/16$

Left Out: 64.758 ± 0.310 $\chi^2/\text{NDF}: 646.5/10$

Right Out: 70.386 ± 0.550 $\chi^2/\text{NDF}: 4391.1/18$

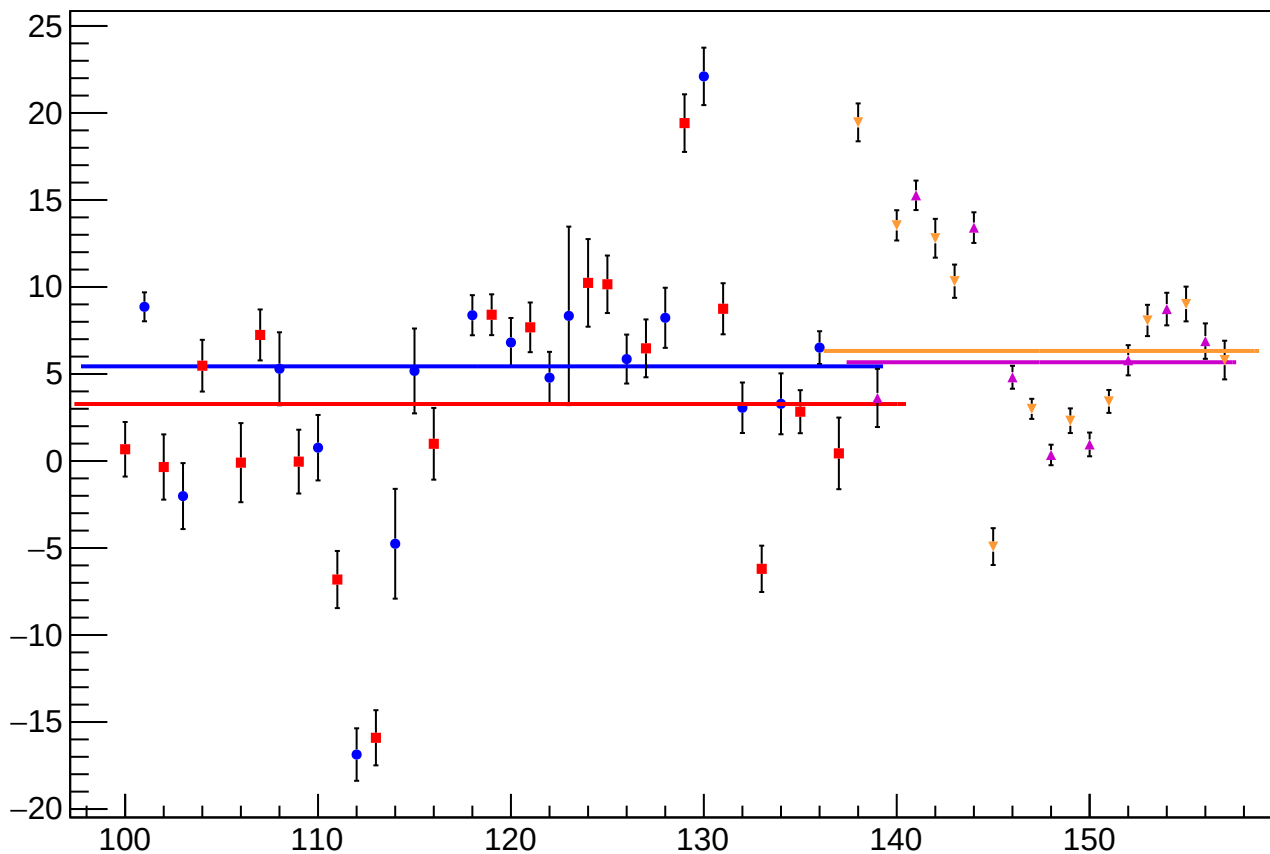
Left In: 66.032 ± 0.321 $\chi^2/\text{NDF}: 320.5/8$

+ sign 67.458 ± 0.273 $\chi^2/\text{NDF}: 3246.1/27$

All: 67.302 ± 0.195 $\chi^2/\text{NDF}: 8005.1/55$

- sign 67.140 ± 0.277 $\chi^2/\text{NDF}: 4758.4/27$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 $\pm$ 0.357 χ^2/NDF : 385.9/16

Left Out: 6.323 $\pm$ 0.256 χ^2/NDF : 474.5/10

Right Out: 3.275 $\pm$ 0.365 χ^2/NDF : 425.8/18

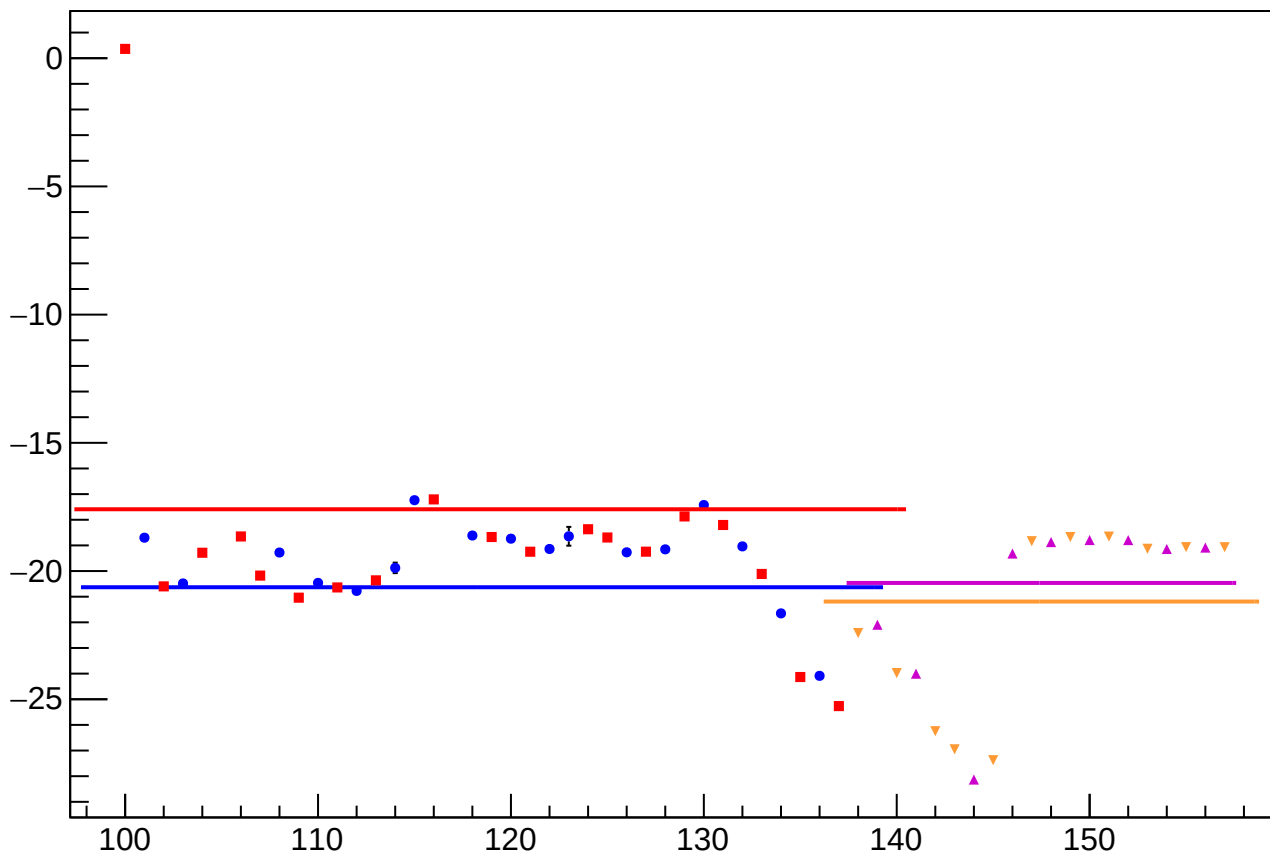
Left In: 5.675 $\pm$ 0.269 χ^2/NDF : 350.5/8

+ sign 6.024 $\pm$ 0.208 χ^2/NDF : 864.5/27

All: 5.452 $\pm$ 0.150 χ^2/NDF : 1684.5/55

- sign 4.830 $\pm$ 0.217 χ^2/NDF : 804.2/27

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 $\chi^2/\text{NDF}: 178680.7/18$

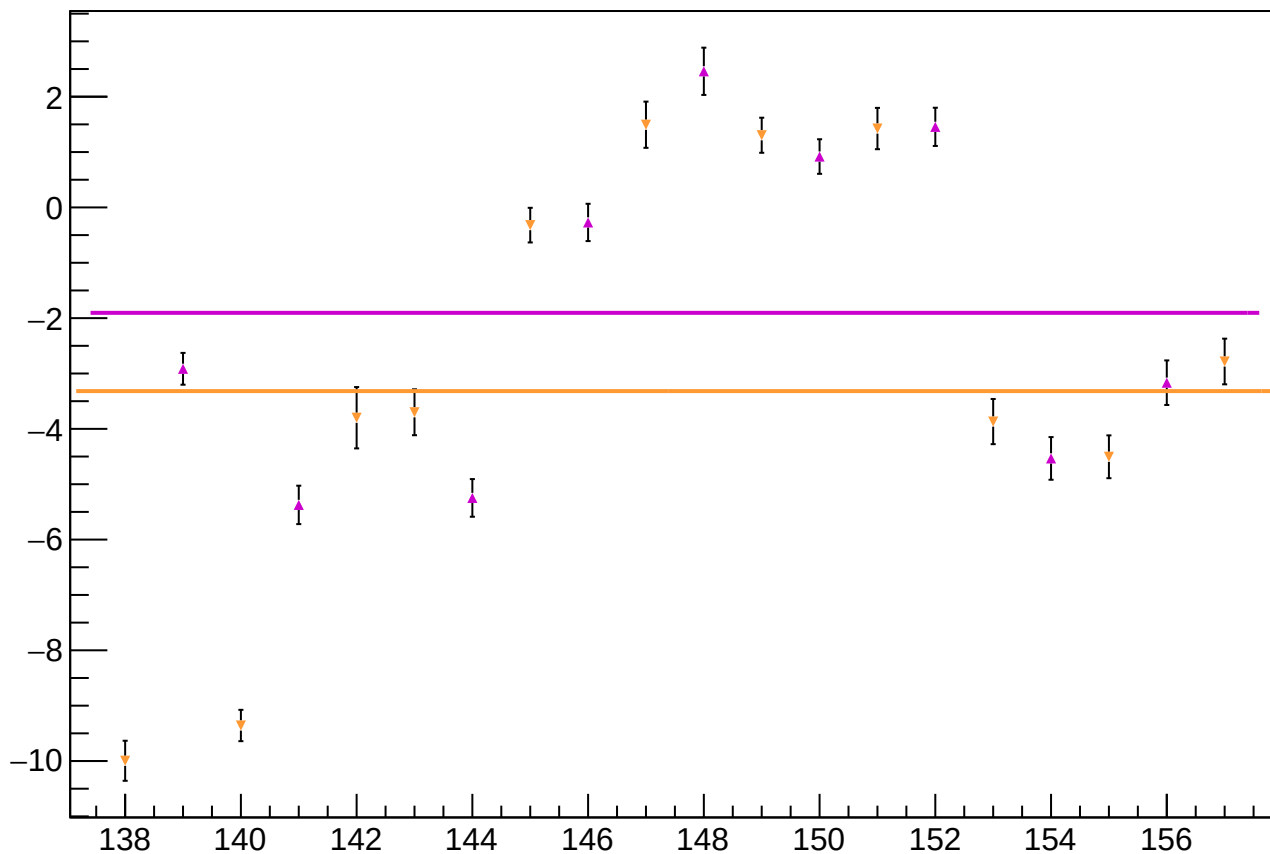
Left In: -20.464 ± 0.013 $\chi^2/\text{NDF}: 43250.4/8$

+ sign -21.023 ± 0.011 $\chi^2/\text{NDF}: 78820.5/27$

All: -20.254 ± 0.007 $\chi^2/\text{NDF}: 328216.9/55$

- sign -19.493 ± 0.010 $\chi^2/\text{NDF}: 238769.0/27$

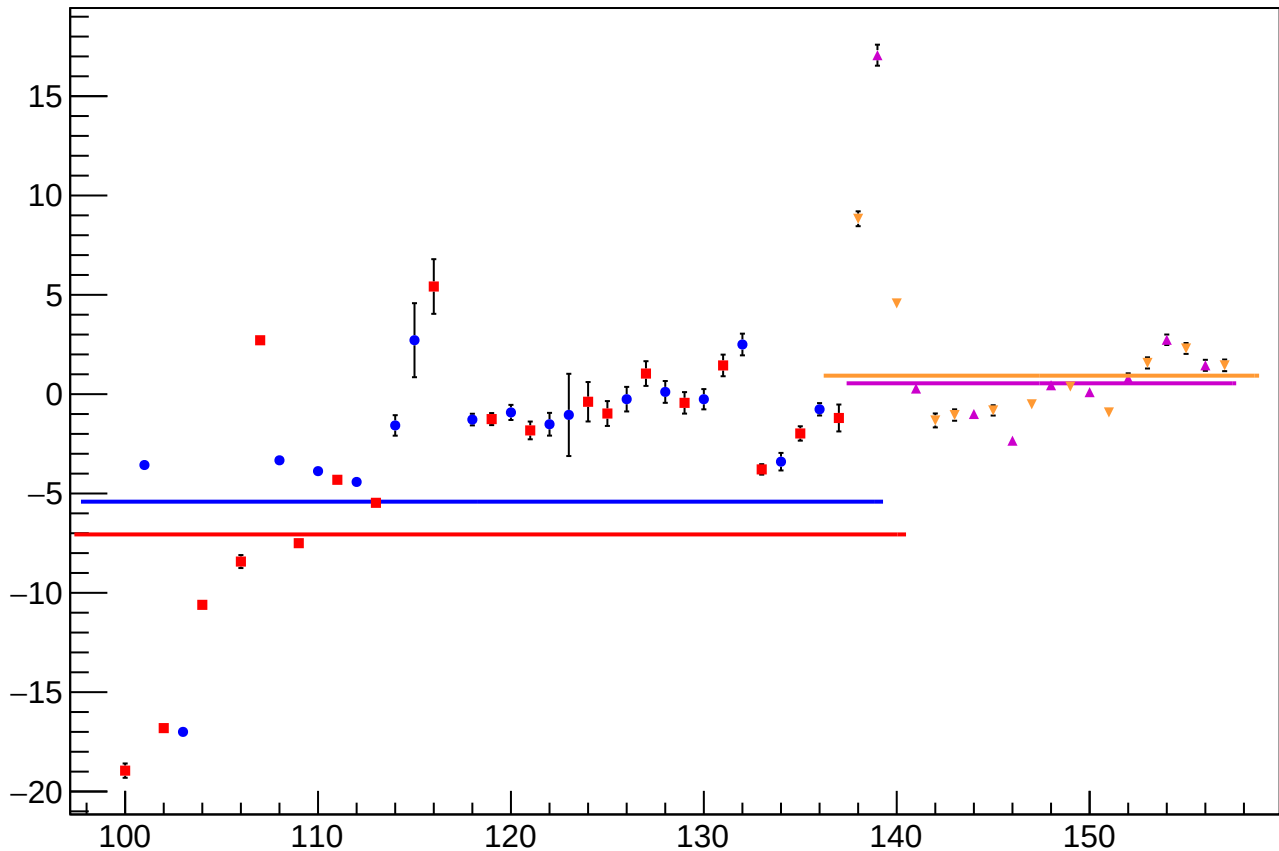
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.318 $\pm$ 0.111 χ^2 /NDF:1410.2/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.904 $\pm$ 0.116 χ^2 /NDF:569.7/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.638 $\pm$ 0.080 χ^2 /NDF: 2057.6/19
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.931 ± 0.077 χ^2/NDF : 980.0/10

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

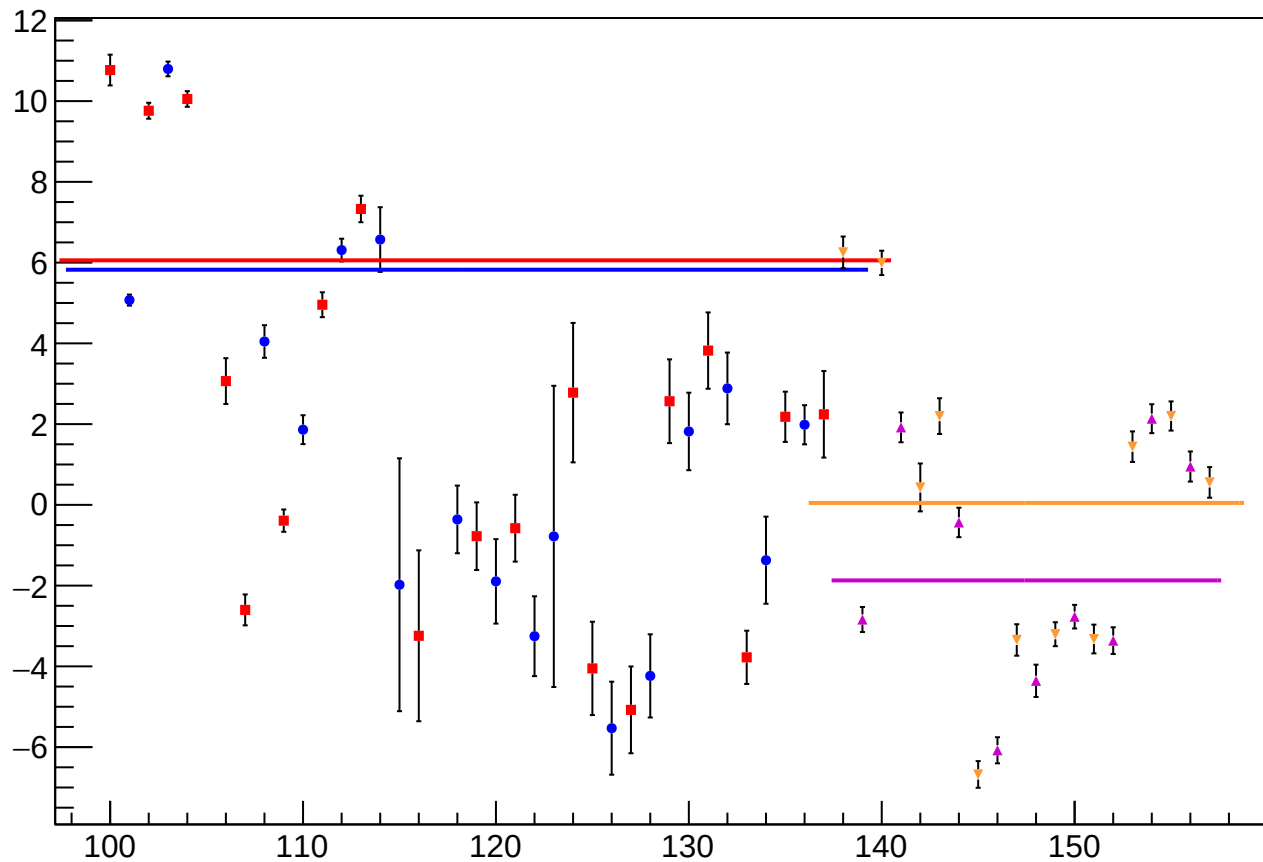
Left In: 0.546 ± 0.083 χ^2/NDF : 1284.2/8

+ sign -3.298 ± 0.045 χ^2/NDF : 14715.1/27

All: -3.856 ± 0.033 χ^2/NDF : 34245.8/55

- sign -4.503 ± 0.048 χ^2/NDF : 19193.6/27

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 $\chi^2/\text{NDF}: 1452.6/16$

Left Out: 0.048 ± 0.110 $\chi^2/\text{NDF}: 1413.8/10$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

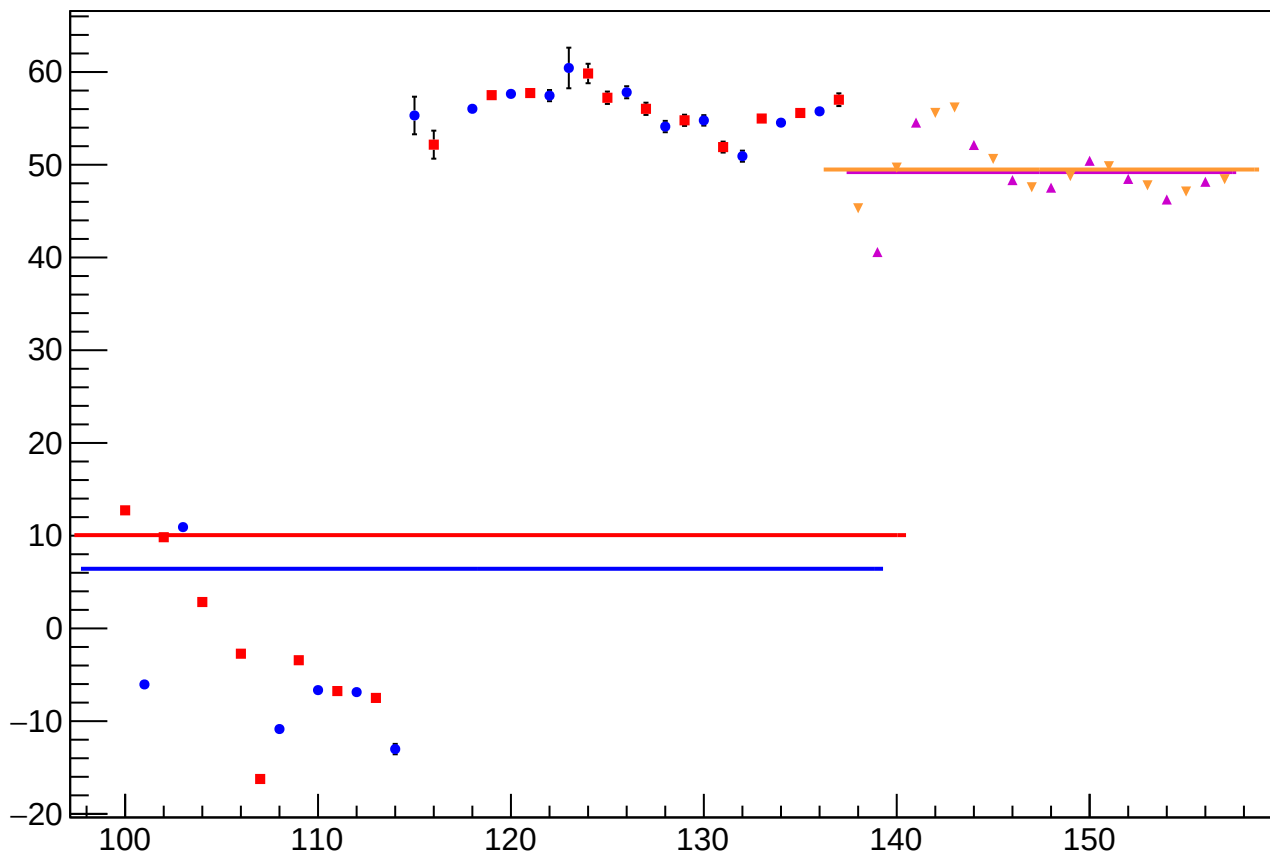
Left In: -1.871 ± 0.114 $\chi^2/\text{NDF}: 551.4/8$

+ sign 3.530 ± 0.070 $\chi^2/\text{NDF}: 4516.9/27$

All: 3.215 ± 0.050 $\chi^2/\text{NDF}: 10676.3/55$

- sign 2.875 ± 0.072 $\chi^2/\text{NDF}: 6116.6/27$

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

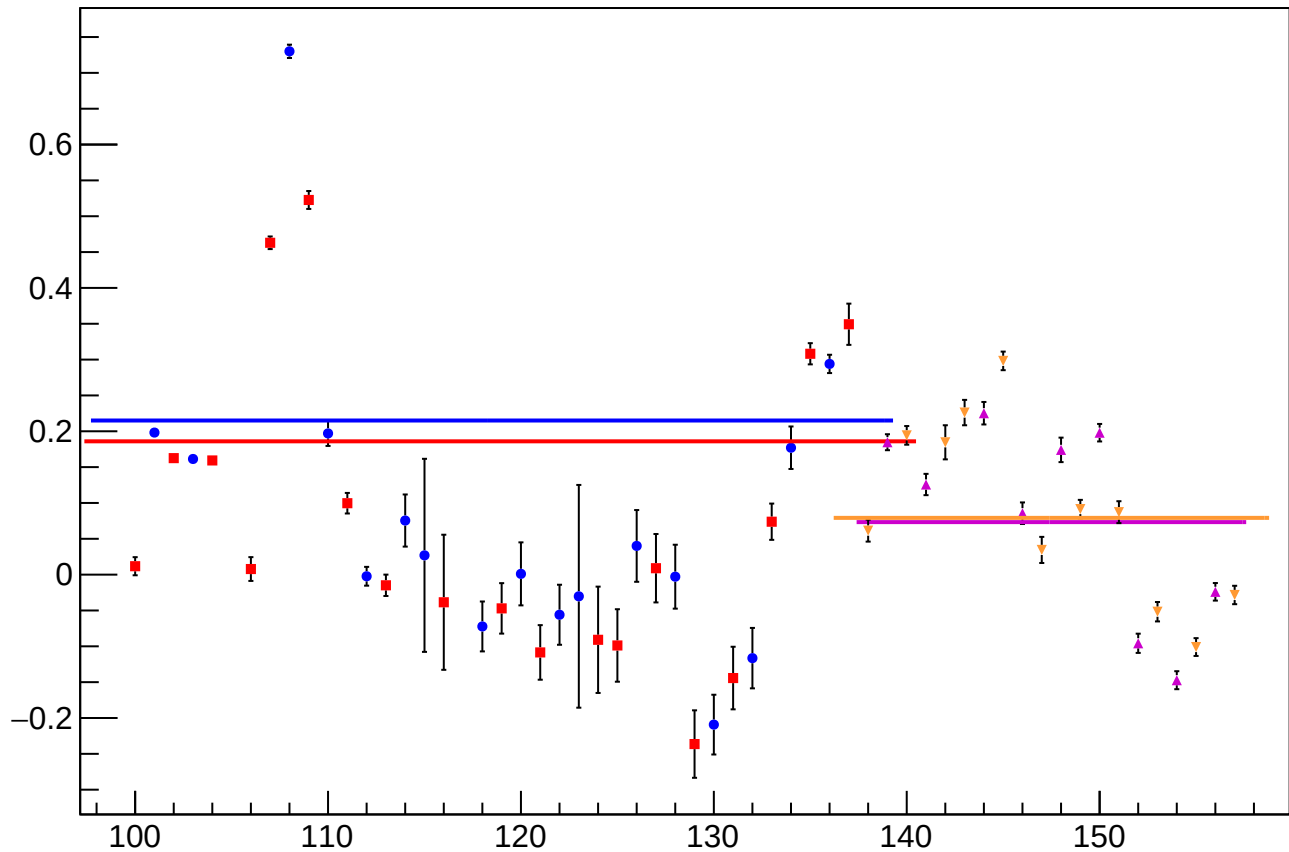
Left In: 49.210 ± 0.099 χ^2/NDF : 887.2/8

+ sign 20.364 ± 0.053 χ^2/NDF : 267630.8/27

All: 21.574 ± 0.039 χ^2/NDF : 495329.0/55

- sign 22.966 ± 0.057 χ^2/NDF : 226586.7/27

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.079 $\pm$ 0.004 χ^2 /NDF: 834.9/10

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

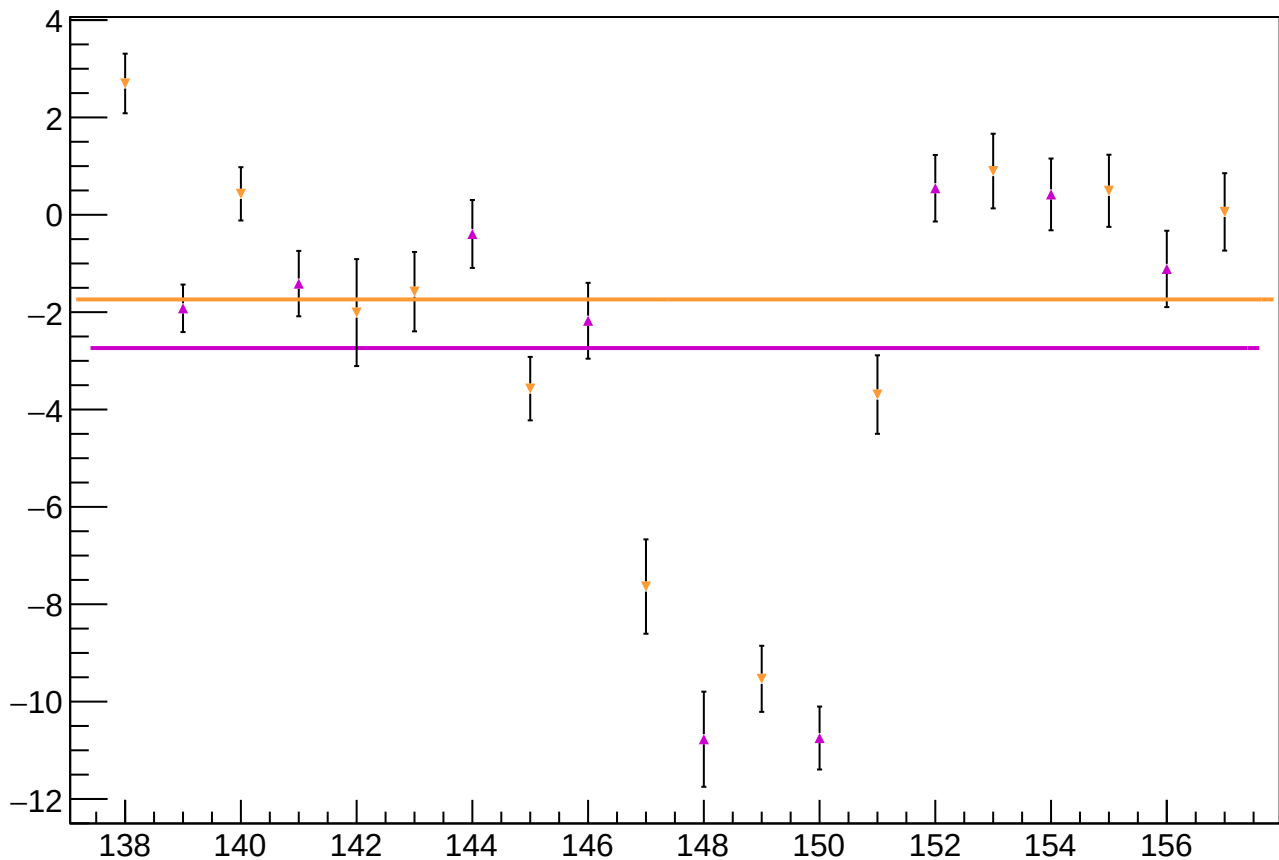
Left In: 0.073 $\pm$ 0.004 χ^2 /NDF: 876.8/8

+ sign 0.176 $\pm$ 0.002 χ^2 /NDF: 5455.0/27

All: 0.166 $\pm$ 0.002 χ^2 /NDF: 9553.8/55

- sign 0.156 $\pm$ 0.002 χ^2 /NDF: 4062.0/27

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -1.739 $\pm$ 0.221 χ^2 /NDF:276.8/10

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

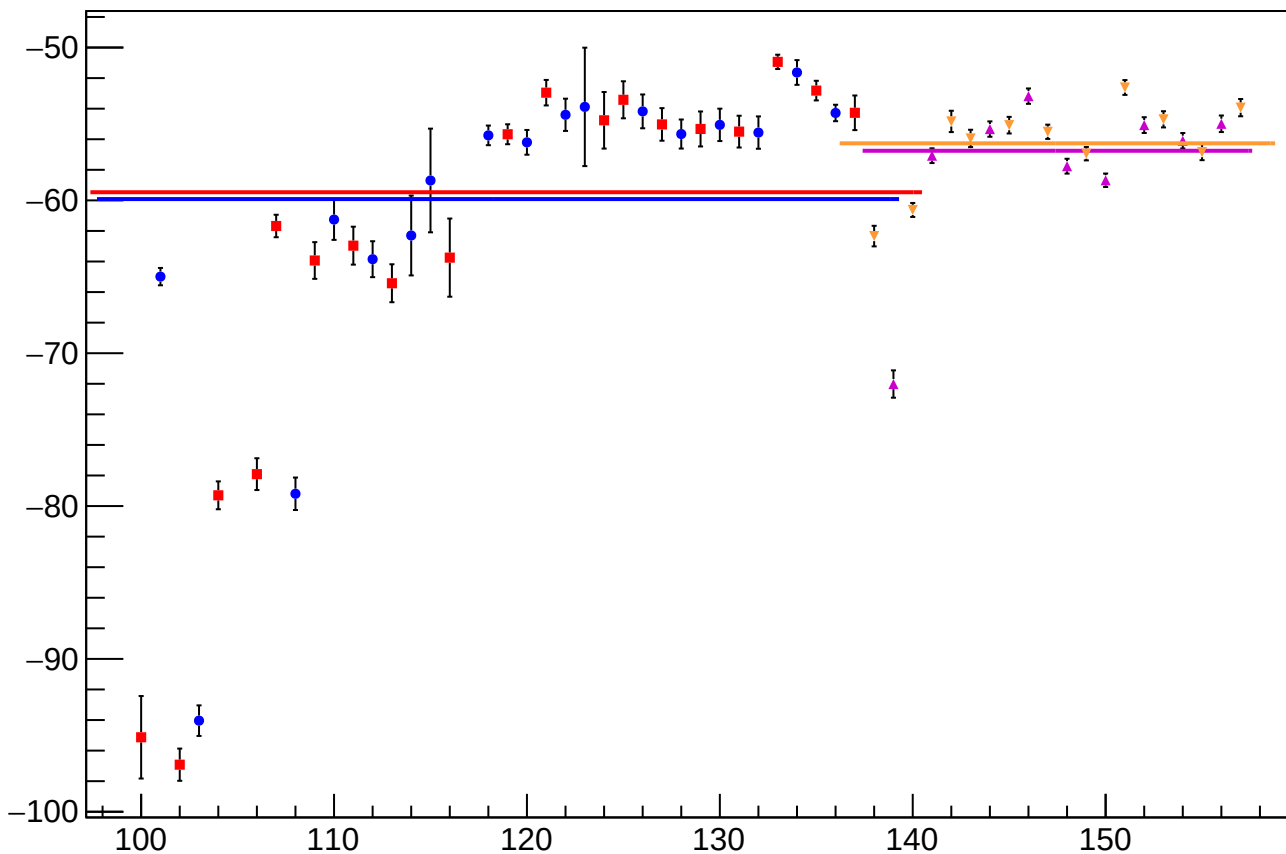
Left In: -2.737 $\pm$ 0.228 χ^2 /NDF:285.4/8

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

All: -2.221 $\pm$ 0.159 χ^2 /NDF: 572.1/19

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

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -56.267 ± 0.158 χ^2/NDF : 270.2/10

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

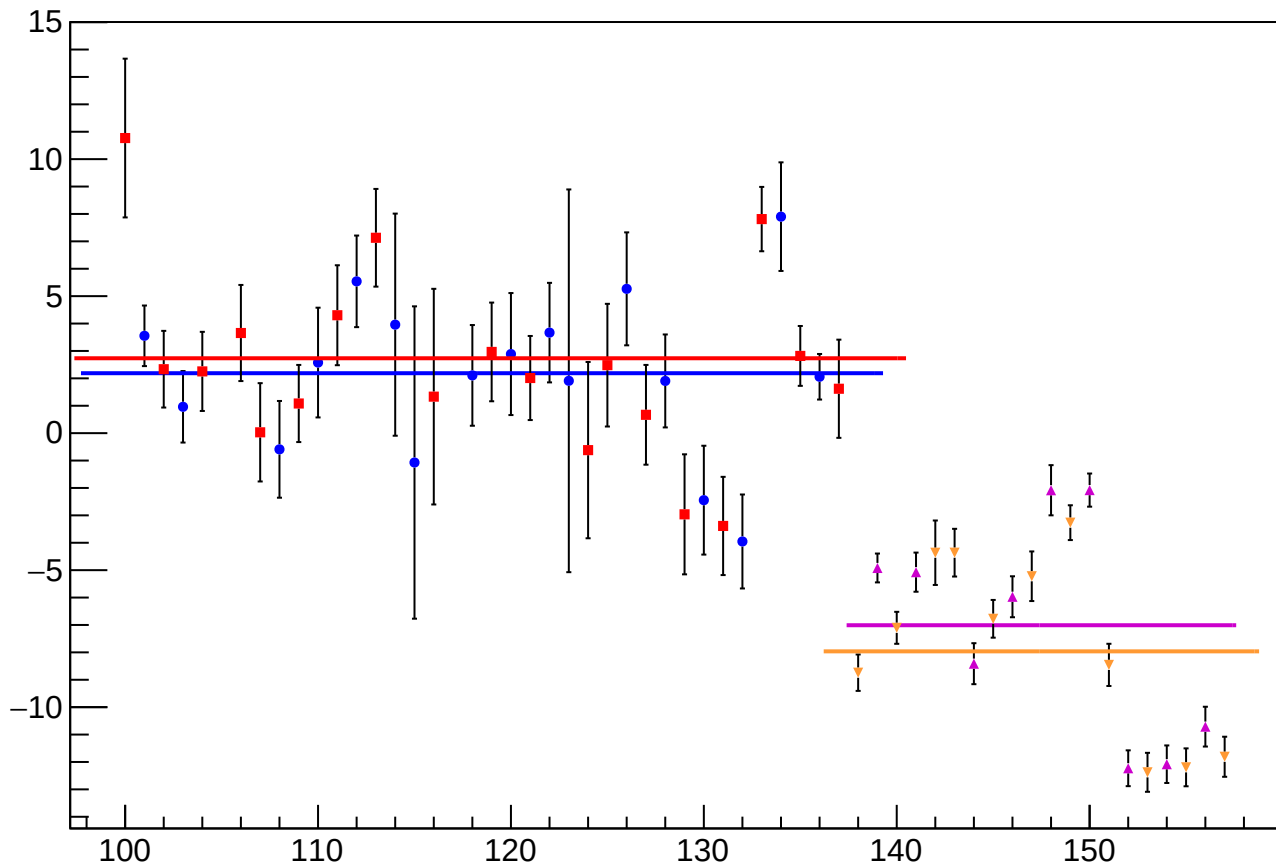
Left In: -56.754 ± 0.172 χ^2/NDF : 396.2/8

+ sign -57.491 ± 0.129 χ^2/NDF : 2427.4/27

All: -57.654 ± 0.093 χ^2/NDF : 5838.5/55

- sign -57.828 ± 0.133 χ^2/NDF : 3407.8/27

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -7.963 ± 0.220 χ^2/NDF : 200.9/10

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

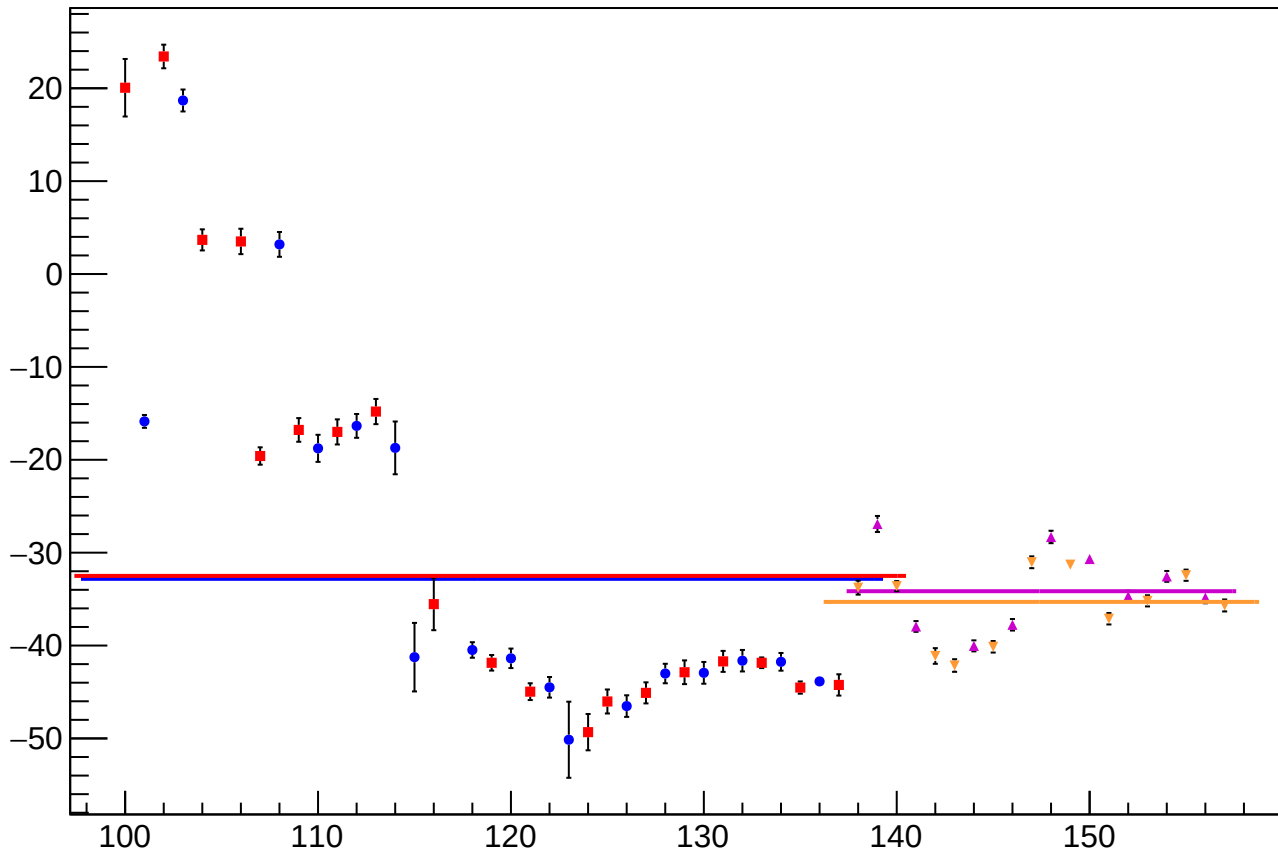
Left In: -7.010 ± 0.227 χ^2/NDF : 268.5/8

+ sign -5.644 ± 0.193 χ^2/NDF : 726.9/27

All: -5.092 ± 0.137 χ^2/NDF : 1541.4/55

- sign -4.525 ± 0.196 χ^2/NDF : 798.0/27

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -35.299 ± 0.190 $\chi^2/\text{NDF}: 357.6/10$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

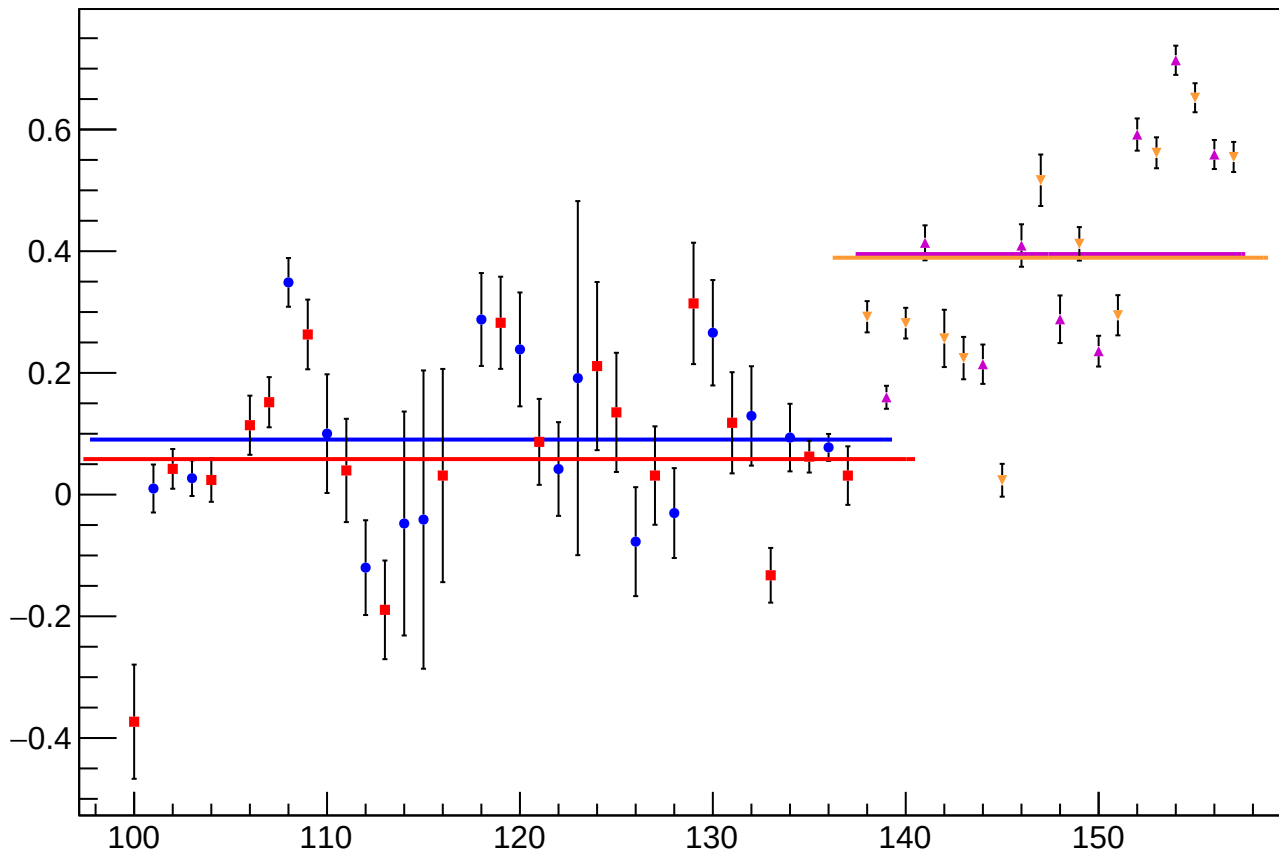
Left In: -34.150 ± 0.203 $\chi^2/\text{NDF}: 377.7/8$

+ sign -34.410 ± 0.152 $\chi^2/\text{NDF}: 5085.5/27$

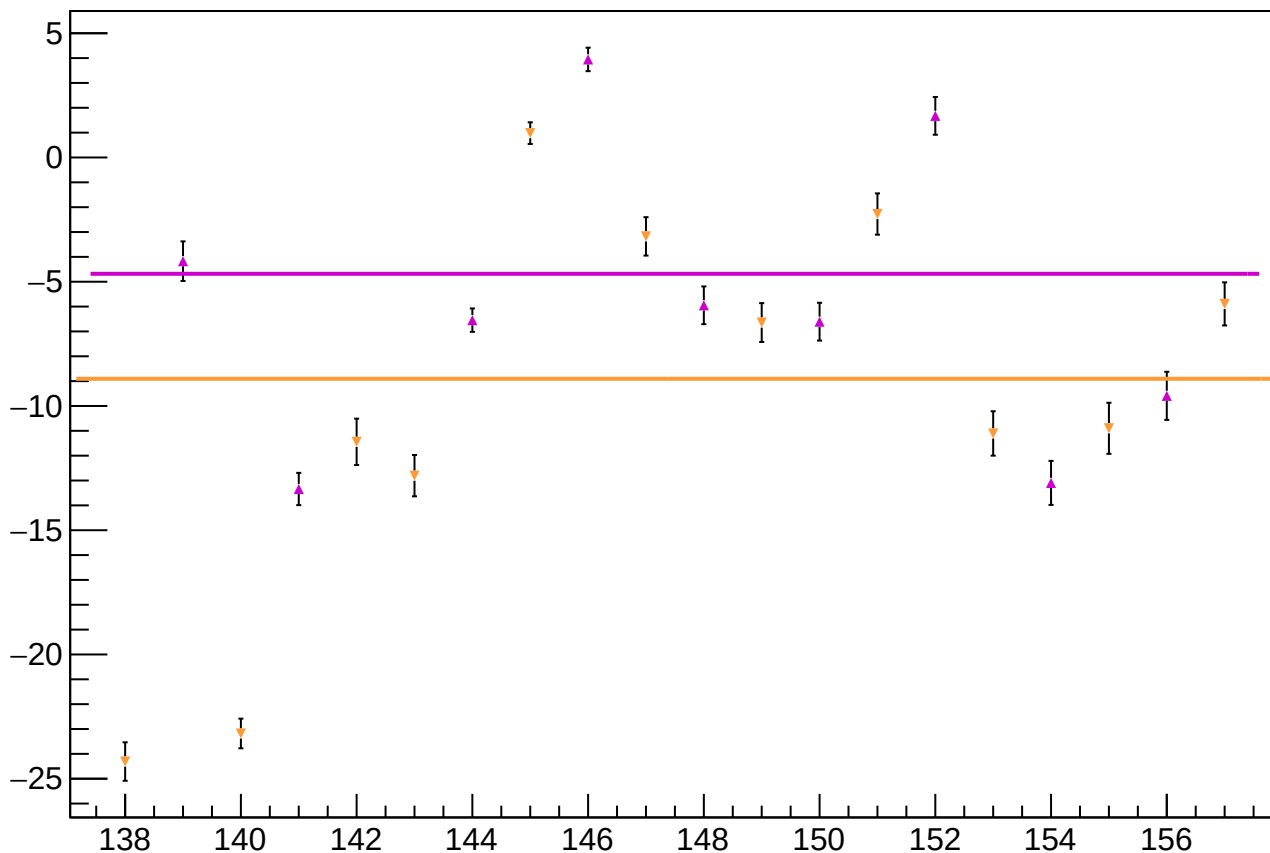
All: -33.955 ± 0.109 $\chi^2/\text{NDF}: 11546.5/55$

- sign -33.473 ± 0.156 $\chi^2/\text{NDF}: 6442.5/27$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



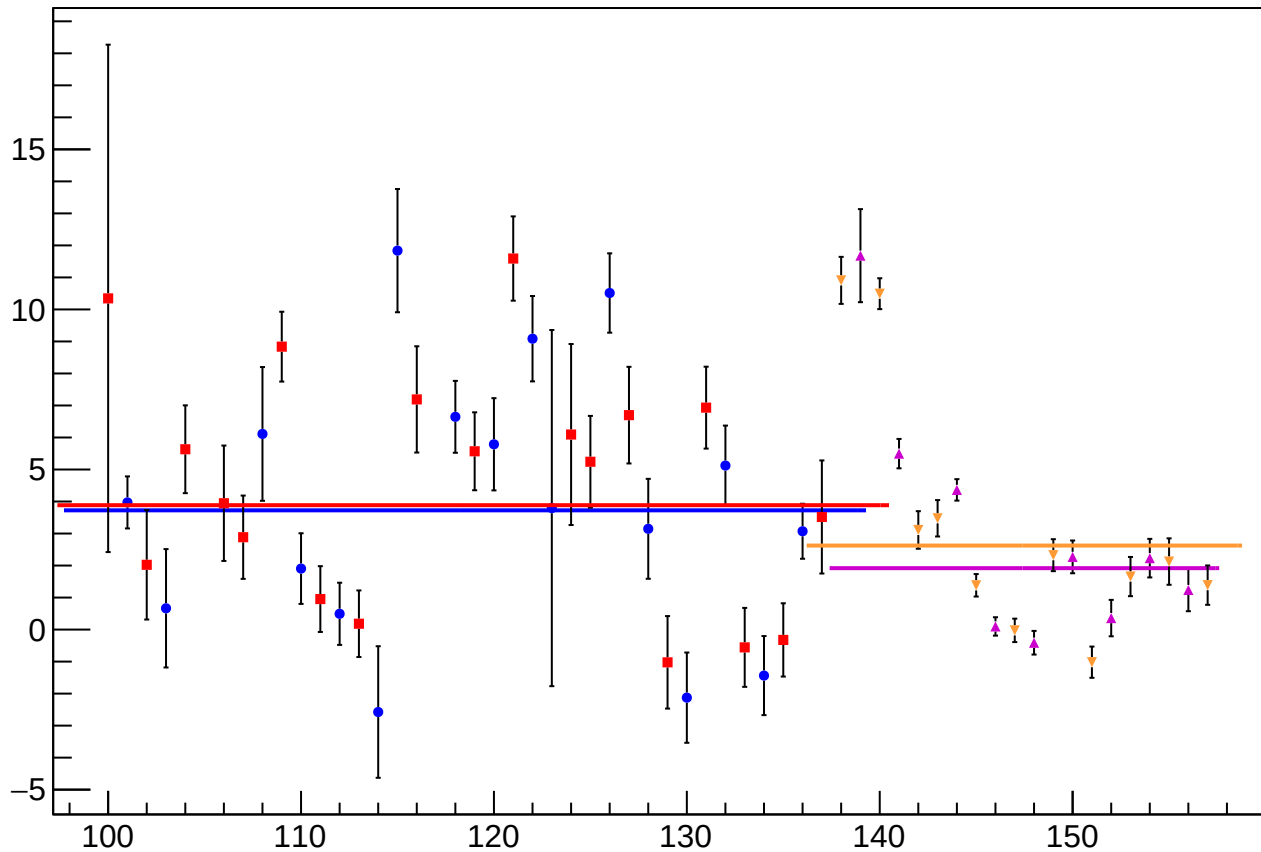
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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: -4.681+/-0.221 χ^2/NDF :722.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.801+/-0.156 χ^2/NDF : 2565.8/19
 - 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

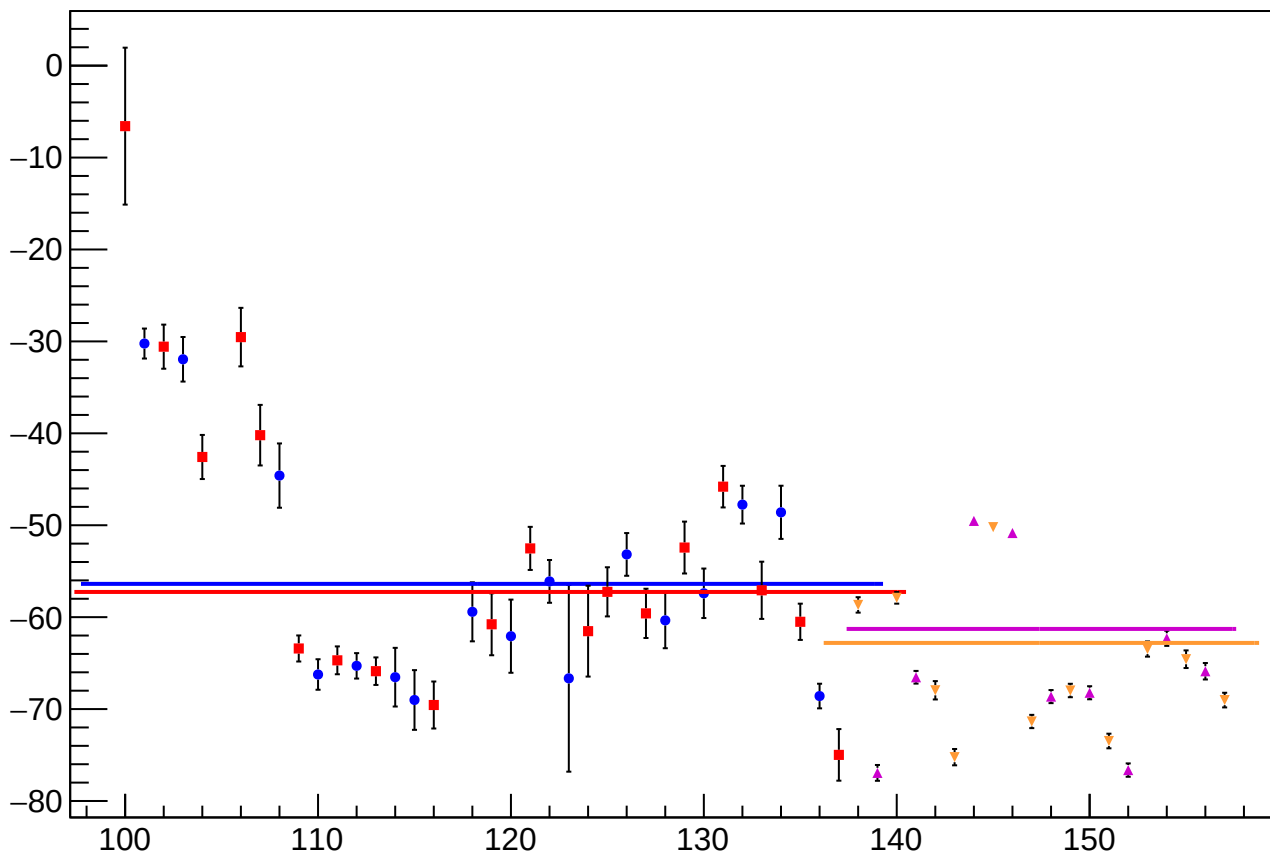
Left In: 1.918 ± 0.148 χ^2/NDF : 248.4/8

+ sign 2.840 ± 0.136 χ^2/NDF : 671.1/27

All: 2.551 ± 0.096 χ^2/NDF : 1094.4/55

- sign 2.273 ± 0.134 χ^2/NDF : 414.5/27

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

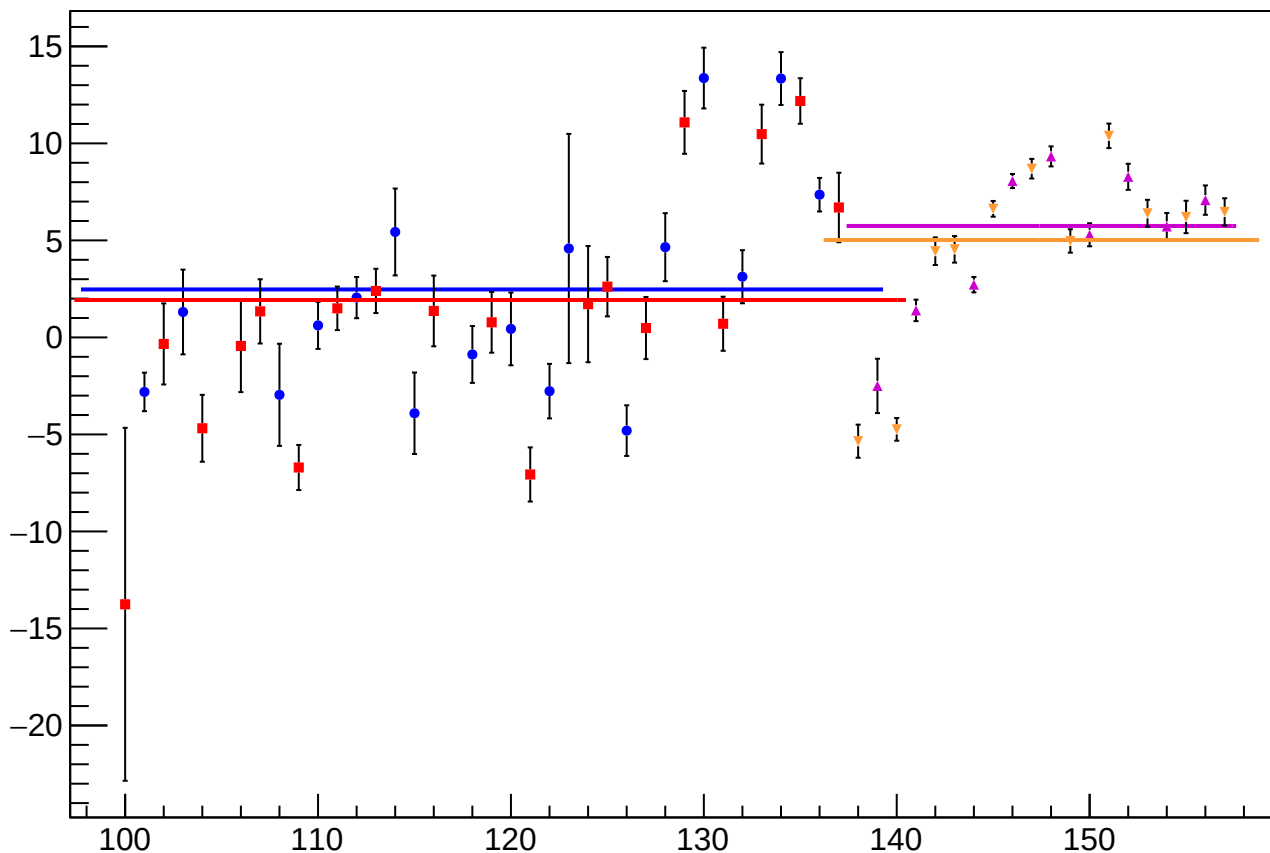
Left In: -61.280 ± 0.219 χ^2/NDF : 2136.3/8

+ sign -61.880 ± 0.205 χ^2/NDF : 2186.8/27

All: -61.284 ± 0.144 χ^2/NDF : 4864.1/55

- sign -60.703 ± 0.203 χ^2/NDF : 2660.6/27

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 $\pm$ 0.345 χ^2/NDF : 243.6/16

Left Out: 5.019 $\pm$ 0.185 χ^2/NDF : 579.2/10

Right Out: 1.928 $\pm$ 0.355 χ^2/NDF : 266.6/18

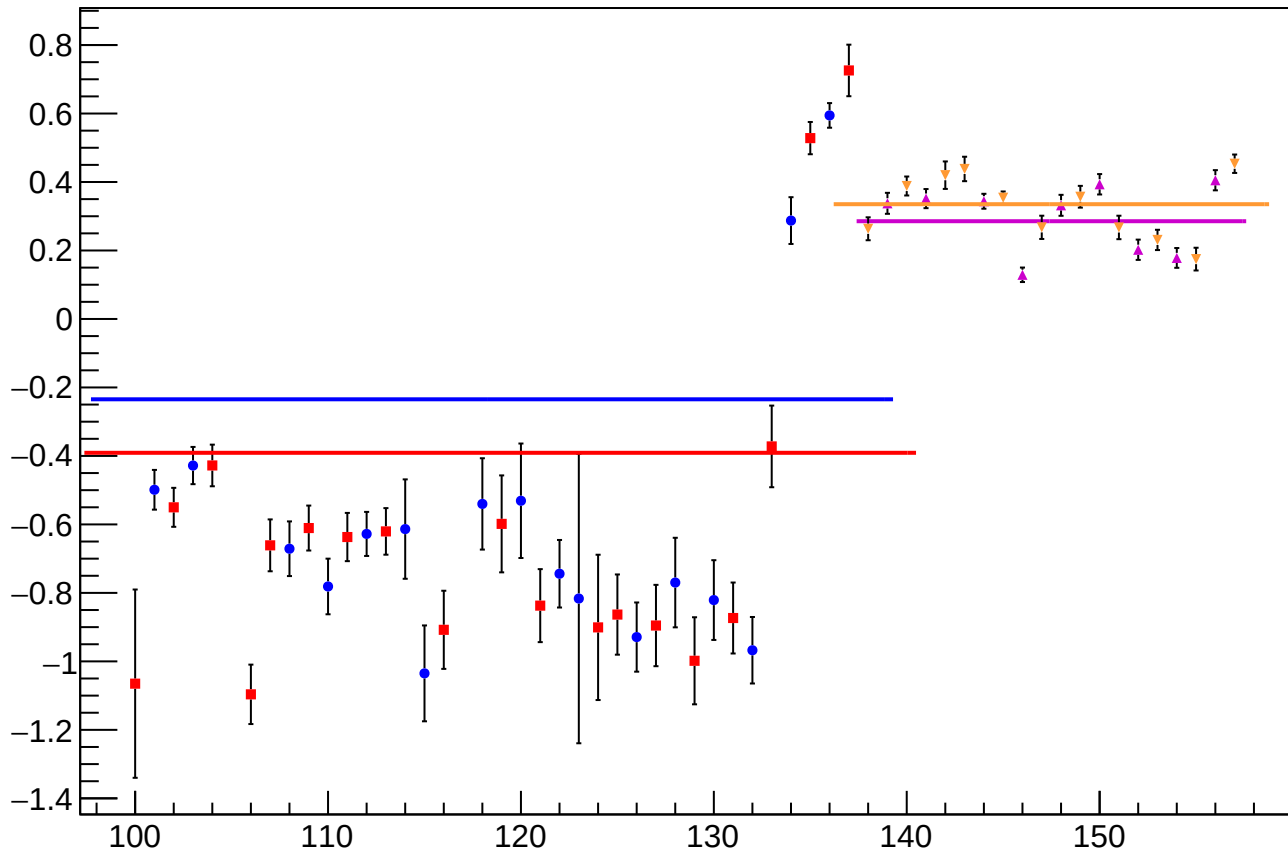
Left In: 5.744 $\pm$ 0.182 χ^2/NDF : 260.5/8

+ sign 4.451 $\pm$ 0.163 χ^2/NDF : 865.0/27

All: 4.702 $\pm$ 0.115 χ^2/NDF : 1488.3/55

- sign 4.949 $\pm$ 0.162 χ^2/NDF : 618.7/27

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 $\pm$ 0.019 χ^2 /NDF: 958.4/16

Left Out: 0.335 $\pm$ 0.009 χ^2 /NDF:85.5/10

Right Out: -0.391 $\pm$ 0.019 χ^2 /NDF: 853.3/18

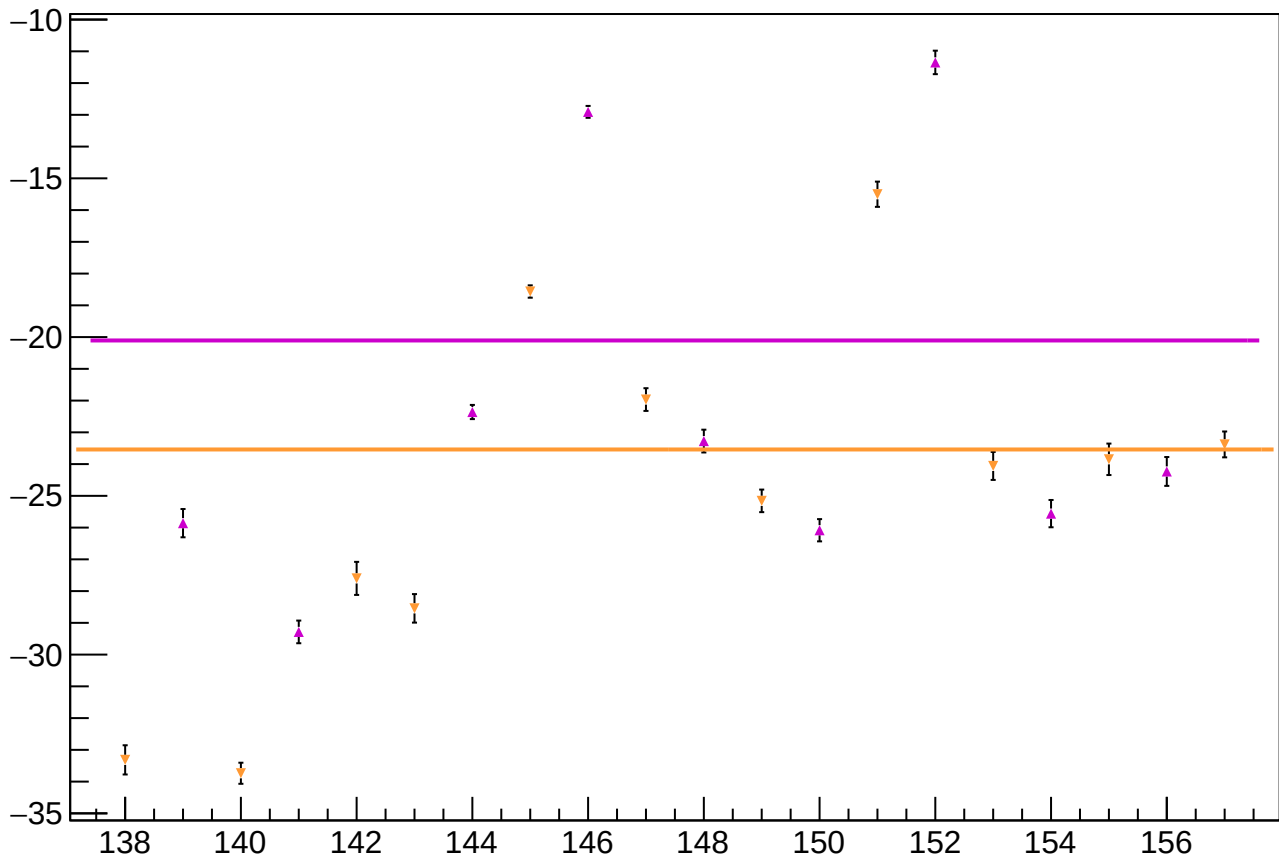
Left In: 0.285 $\pm$ 0.009 χ^2 /NDF:123.9/8

+ sign 0.232 $\pm$ 0.008 χ^2 /NDF: 1791.2/27

All: 0.197 $\pm$ 0.006 χ^2 /NDF: 3846.4/55

- sign 0.161 $\pm$ 0.008 χ^2 /NDF: 2016.5/27

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

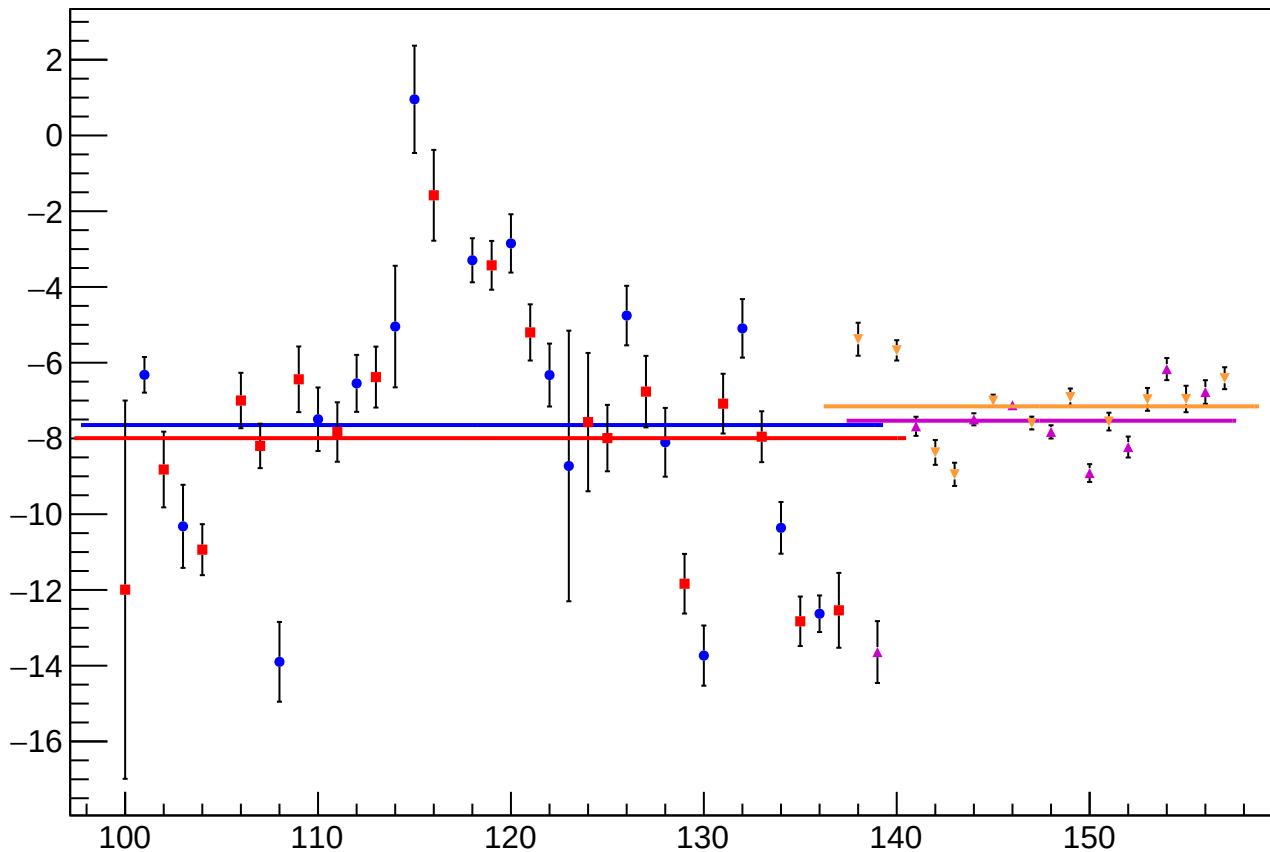
Left In: -20.106+/-0.103 χ^2/NDF : 3578.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.740+/-0.074 χ^2/NDF : 6793.9/19

- 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

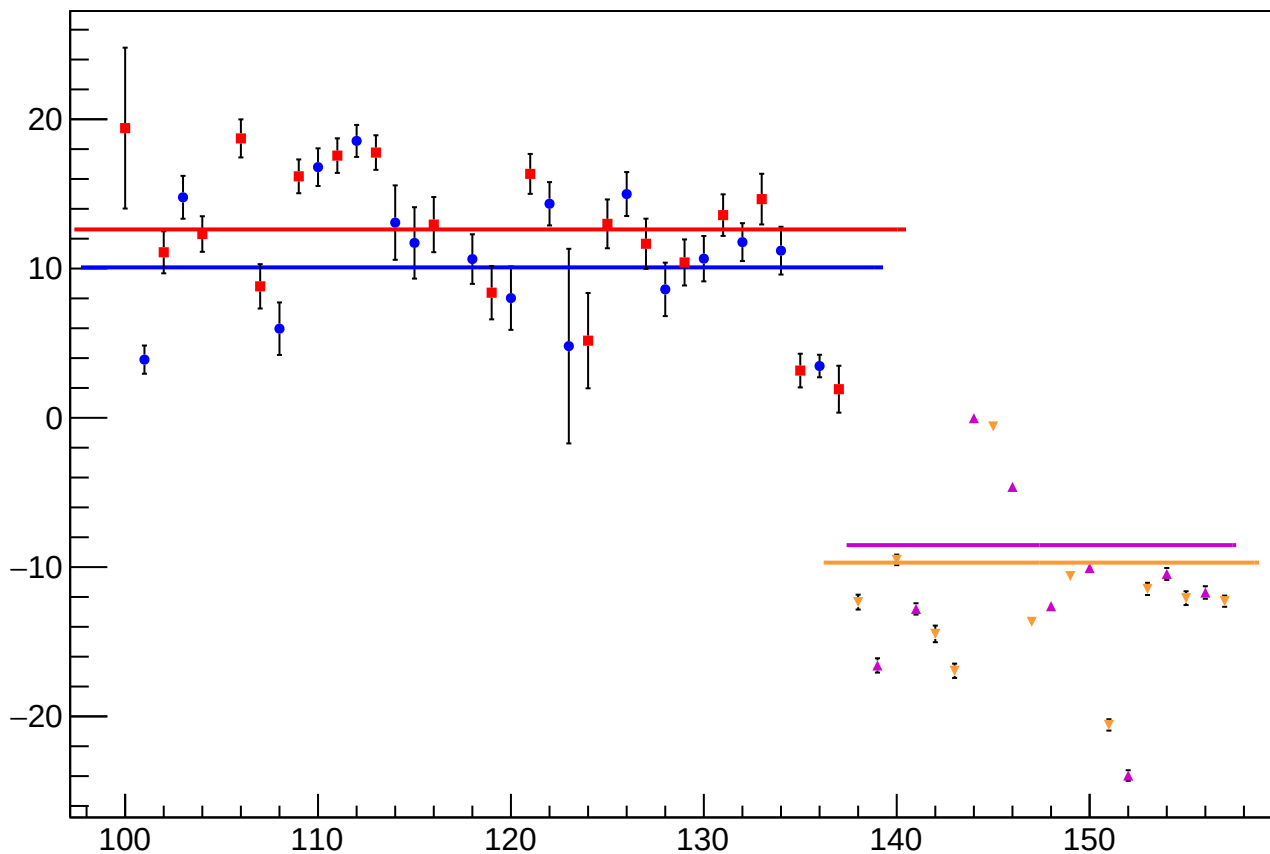
Left In: -7.532 ± 0.068 χ^2/NDF : 139.8/8

+ sign -7.221 ± 0.069 χ^2/NDF : 513.9/27

All: -7.417 ± 0.047 χ^2/NDF : 899.7/55

- sign -7.586 ± 0.064 χ^2/NDF : 370.6/27

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 $\chi^2/\text{NDF}: 220.0/18$

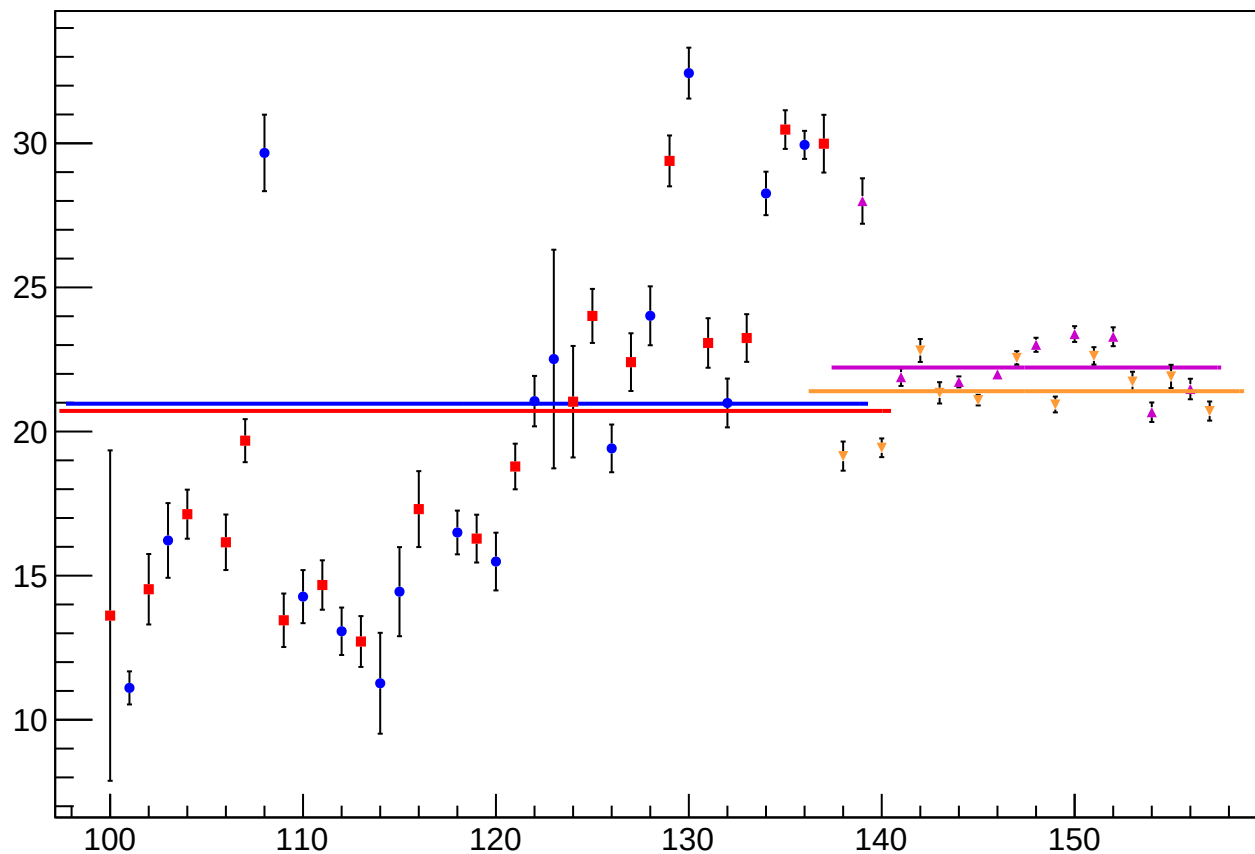
Left In: -8.528 ± 0.101 $\chi^2/\text{NDF}: 4288.1/8$

+ sign -7.859 ± 0.103 $\chi^2/\text{NDF}: 6728.4/27$

All: -7.262 ± 0.070 $\chi^2/\text{NDF}: 15003.3/55$

- sign -6.733 ± 0.097 $\chi^2/\text{NDF}: 8211.3/27$

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

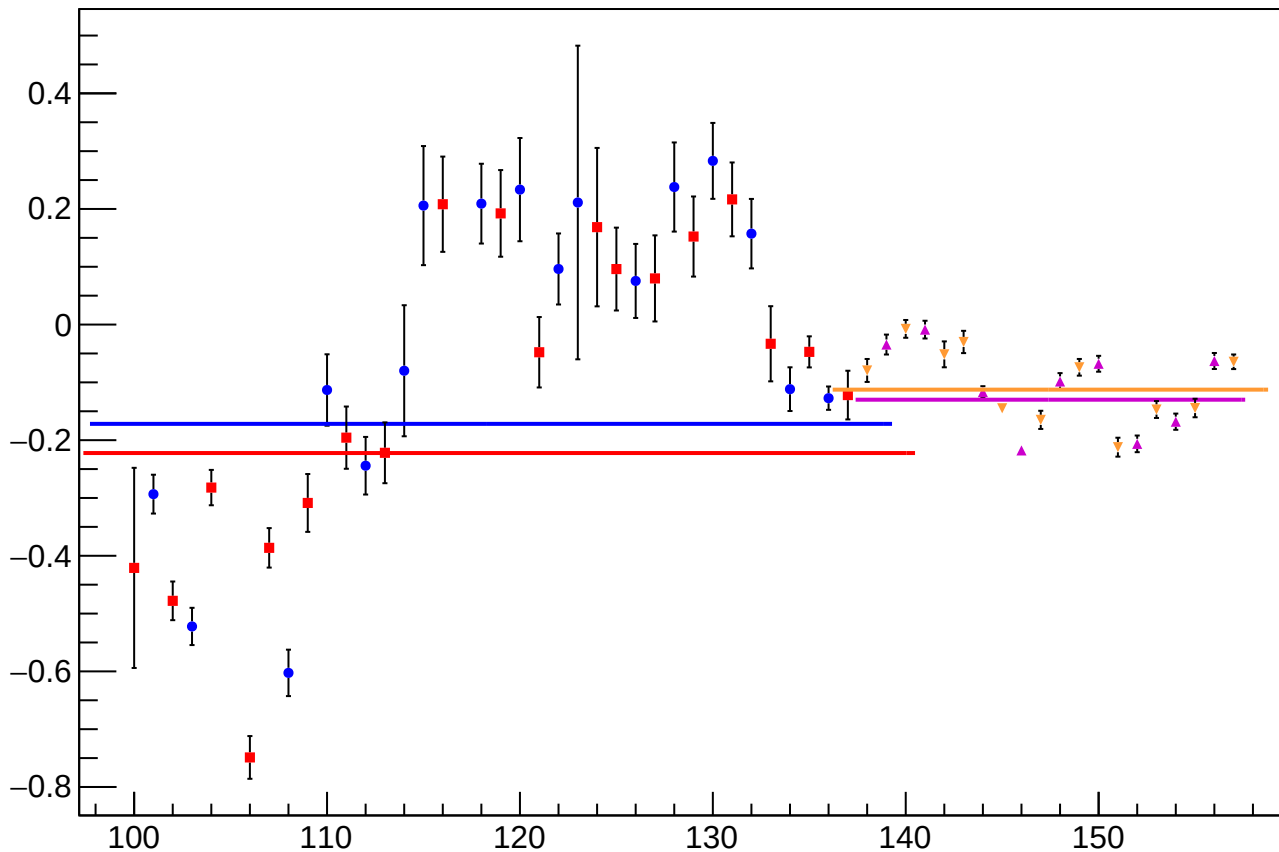
Left In: 22.221 $\pm$ 0.084 χ^2 /NDF:128.9/8

+ sign 21.332 $\pm$ 0.083 χ^2 /NDF: 1351.5/27

All: 21.697 $\pm$ 0.057 χ^2 /NDF: 2290.3/55

- sign 22.019 $\pm$ 0.078 χ^2 /NDF: 902.2/27

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 $\pm$ 0.011 χ^2/NDF : 464.2/16

Left Out: -0.113 $\pm$ 0.004 χ^2/NDF : 170.2/10

Right Out: -0.222 $\pm$ 0.011 χ^2/NDF : 536.1/18

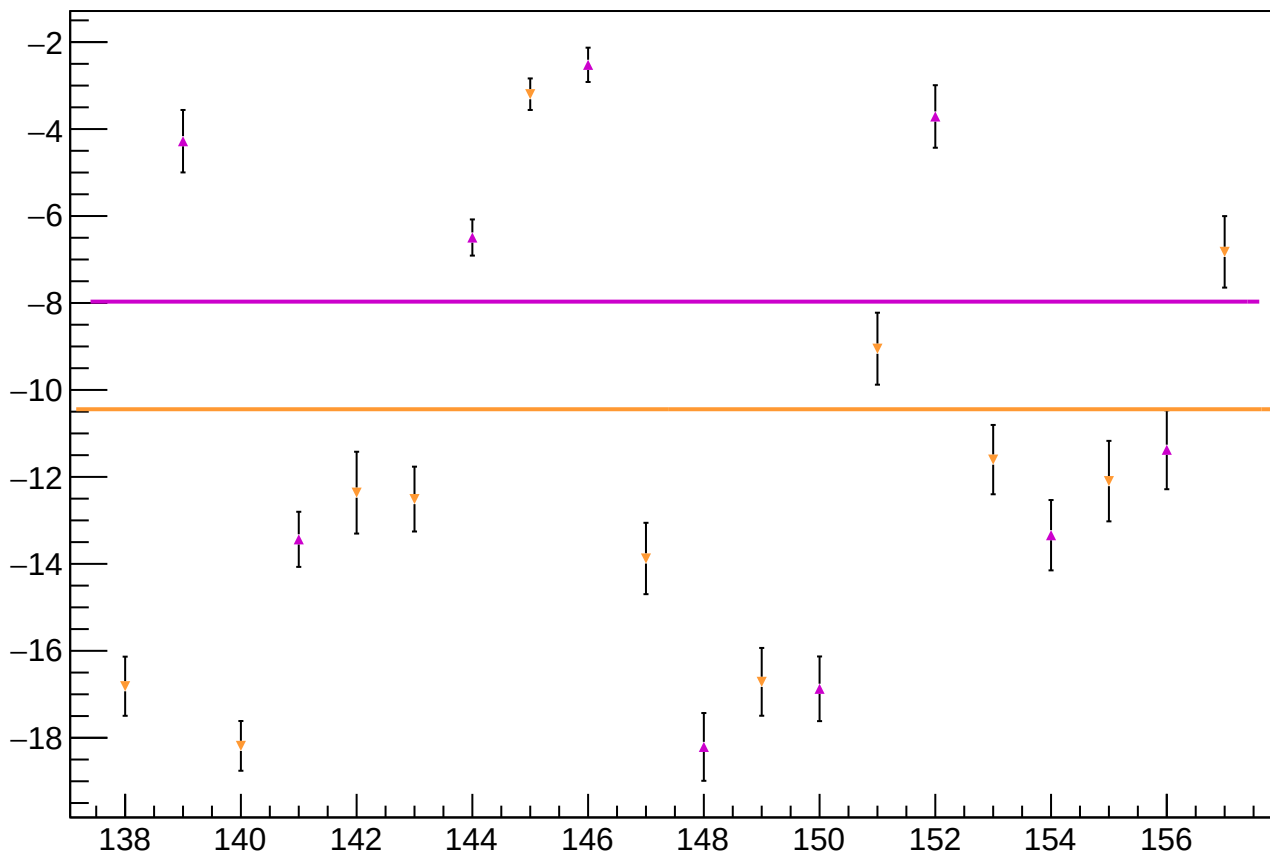
Left In: -0.130 $\pm$ 0.004 χ^2/NDF : 286.8/8

+ sign -0.120 $\pm$ 0.004 χ^2/NDF : 658.8/27

All: -0.131 $\pm$ 0.003 χ^2/NDF : 1558.5/55

- sign -0.142 $\pm$ 0.004 χ^2/NDF : 884.8/27

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

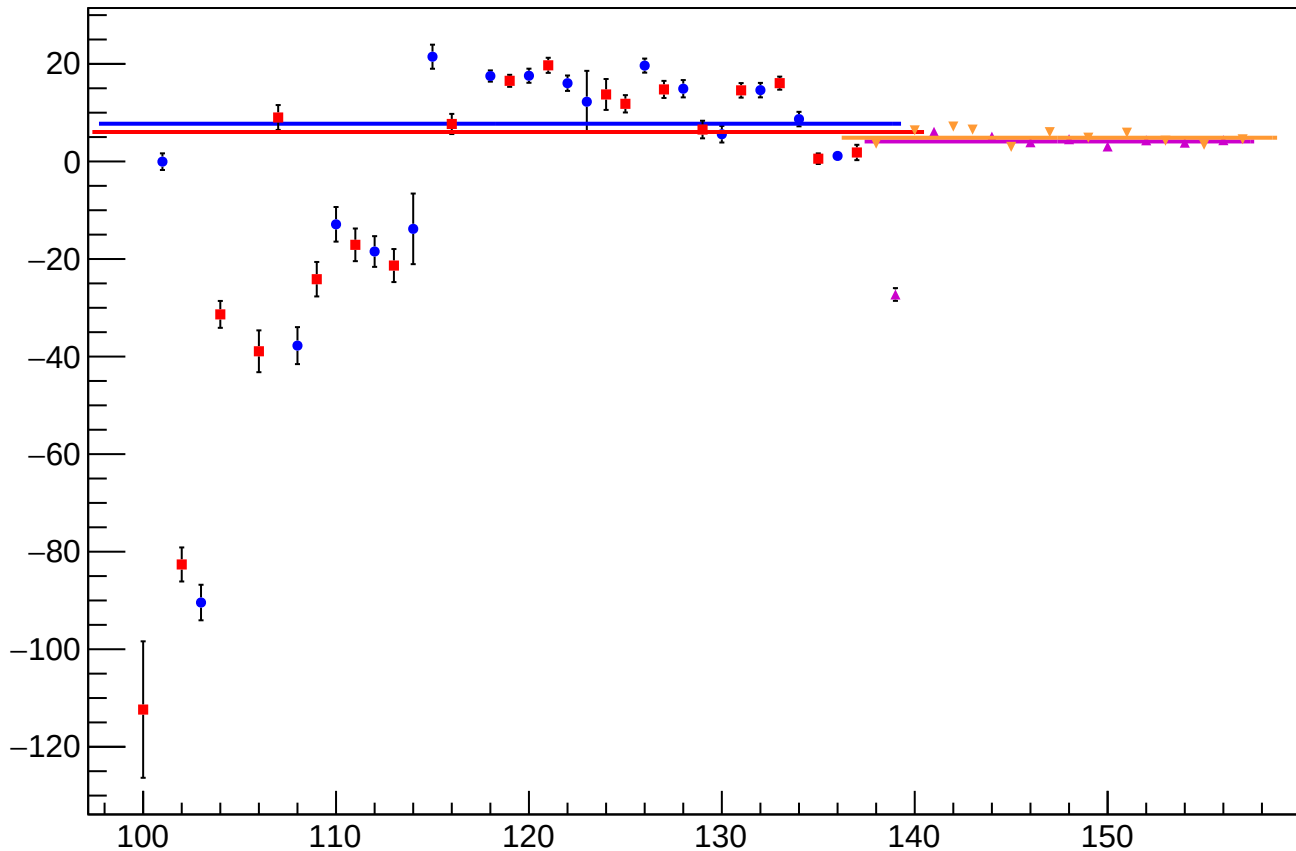
Left In: -7.969+/-0.201 χ^2/NDF : 713.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.201+/-0.142 χ^2/NDF : 1580.3/19

- 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 $\chi^2/\text{NDF}: 1358.4/16$

Left Out: 4.865 ± 0.142 $\chi^2/\text{NDF}: 101.6/10$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

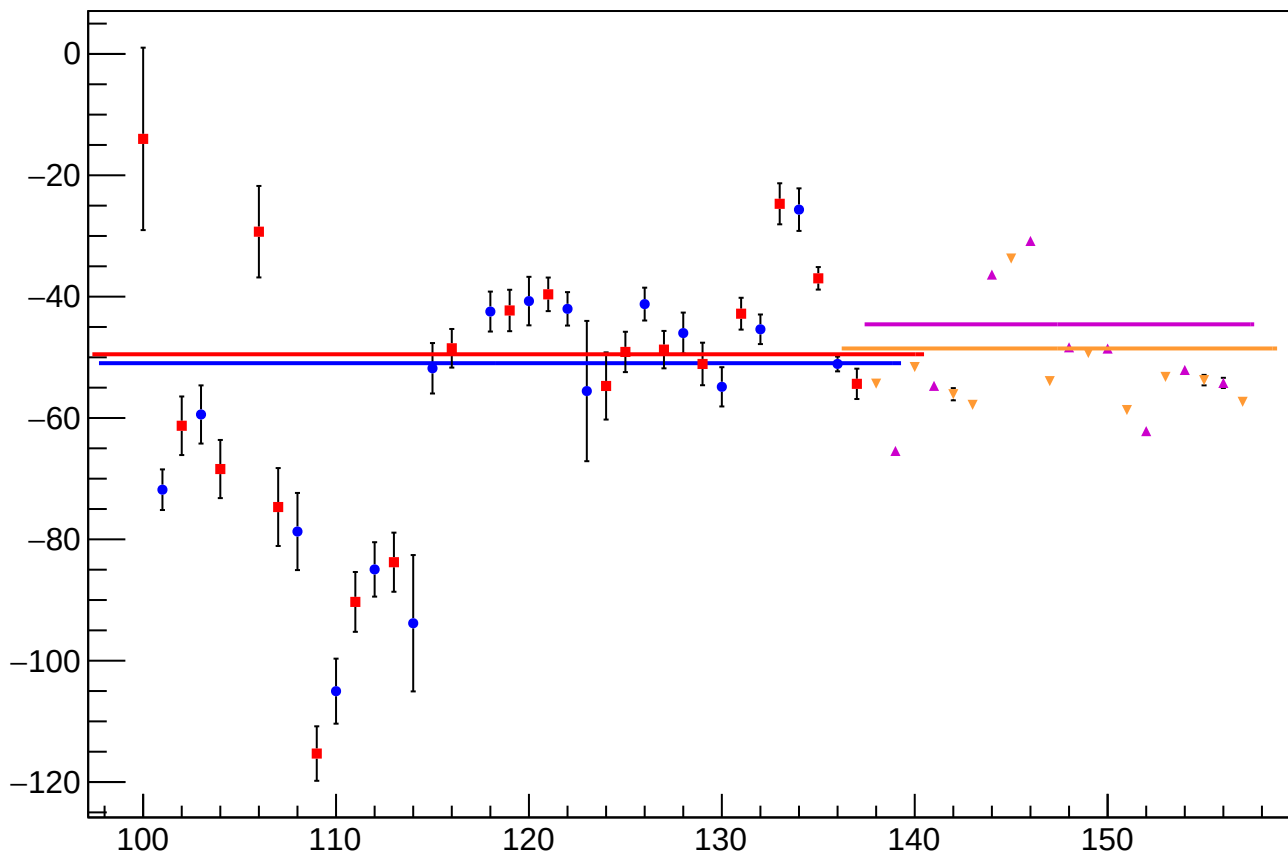
Left In: 4.098 ± 0.137 $\chi^2/\text{NDF}: 612.9/8$

+ sign 5.185 ± 0.134 $\chi^2/\text{NDF}: 1505.2/27$

All: 4.718 ± 0.094 $\chi^2/\text{NDF}: 3671.9/55$

- sign 4.275 ± 0.131 $\chi^2/\text{NDF}: 2143.2/27$

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

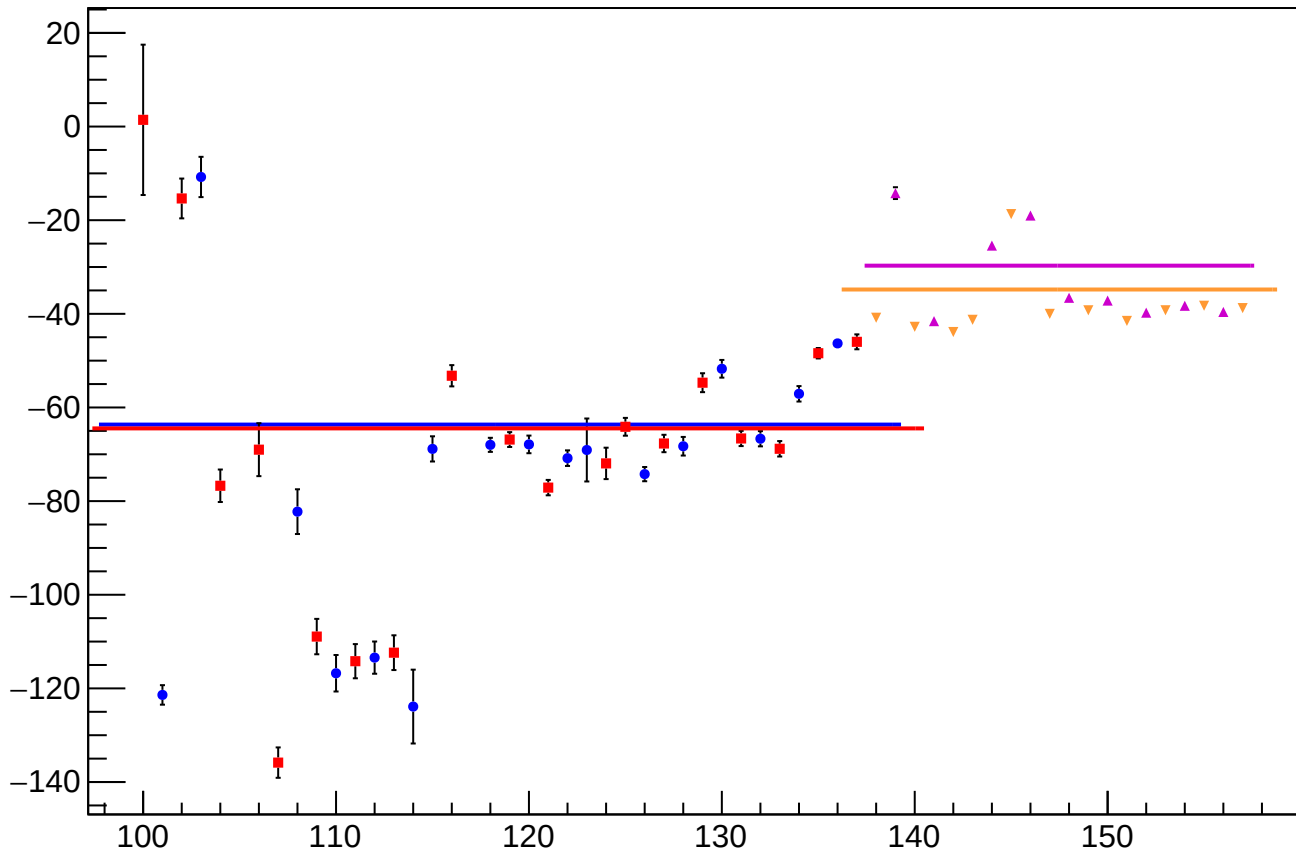
Left In: -44.563 ± 0.200 χ^2/NDF : 3542.0/8

+ sign -48.714 ± 0.197 χ^2/NDF : 2511.4/27

All: -46.750 ± 0.138 χ^2/NDF : 6794.7/55

- sign -44.854 ± 0.194 χ^2/NDF : 4088.4/27

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

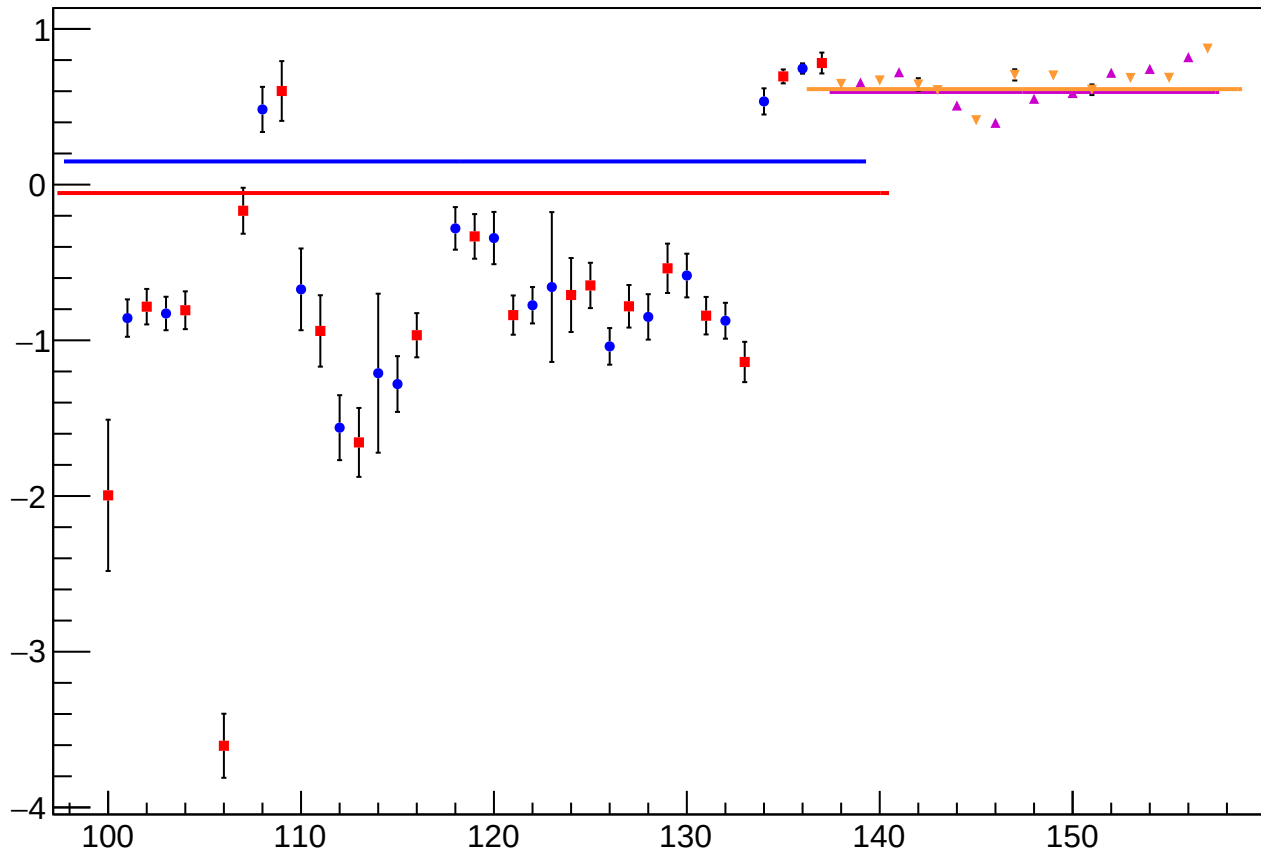
Left In: -29.712 ± 0.167 χ^2/NDF : 2891.0/8

+ sign -38.544 ± 0.160 χ^2/NDF : 8898.2/27

All: -35.963 ± 0.113 χ^2/NDF : 18538.9/55

- sign -33.449 ± 0.158 χ^2/NDF : 9129.2/27

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.613 ± 0.008 χ^2/NDF : 310.3/10

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

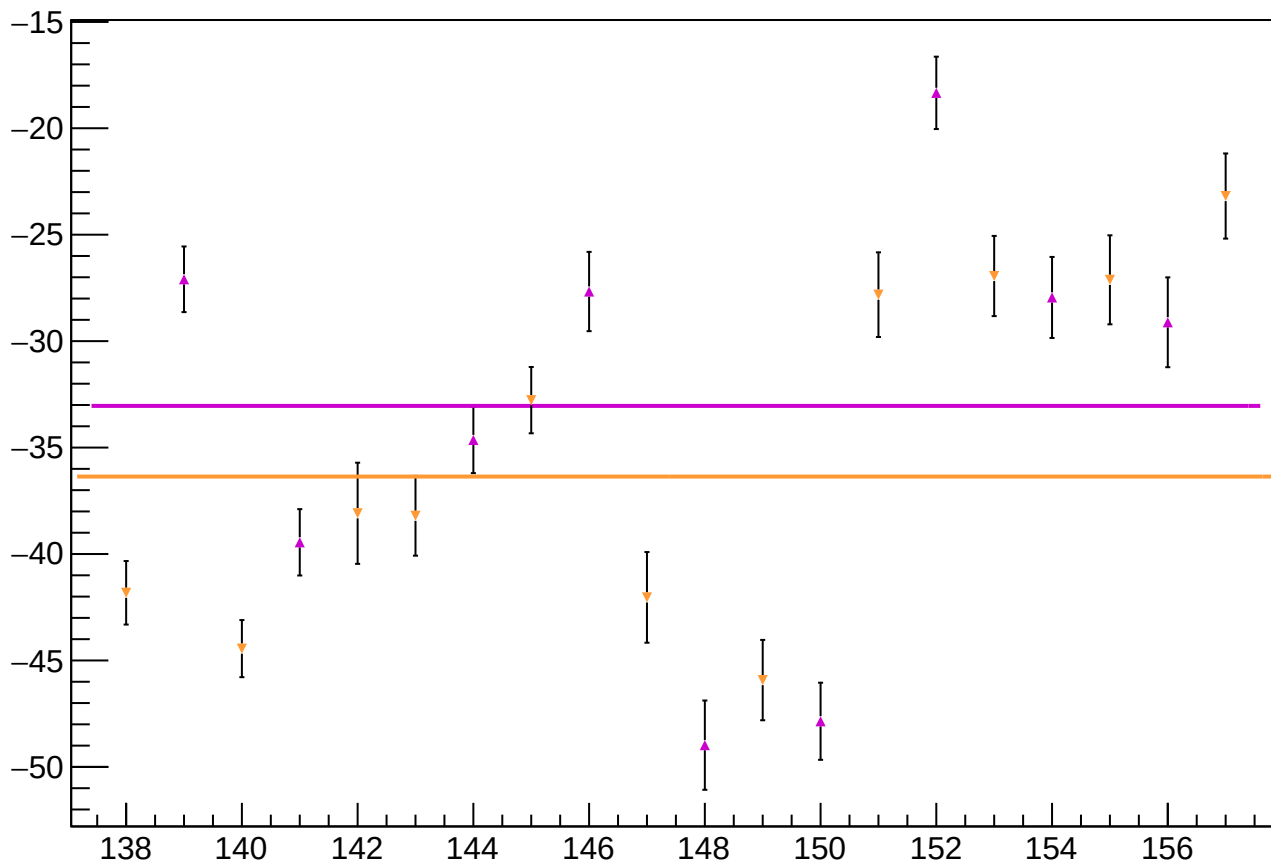
Left In: 0.595 ± 0.008 χ^2/NDF : 288.3/8

+ sign 0.566 ± 0.008 χ^2/NDF : 1637.2/27

All: 0.552 ± 0.005 χ^2/NDF : 3659.2/55

- sign 0.537 ± 0.008 χ^2/NDF : 2015.1/27

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

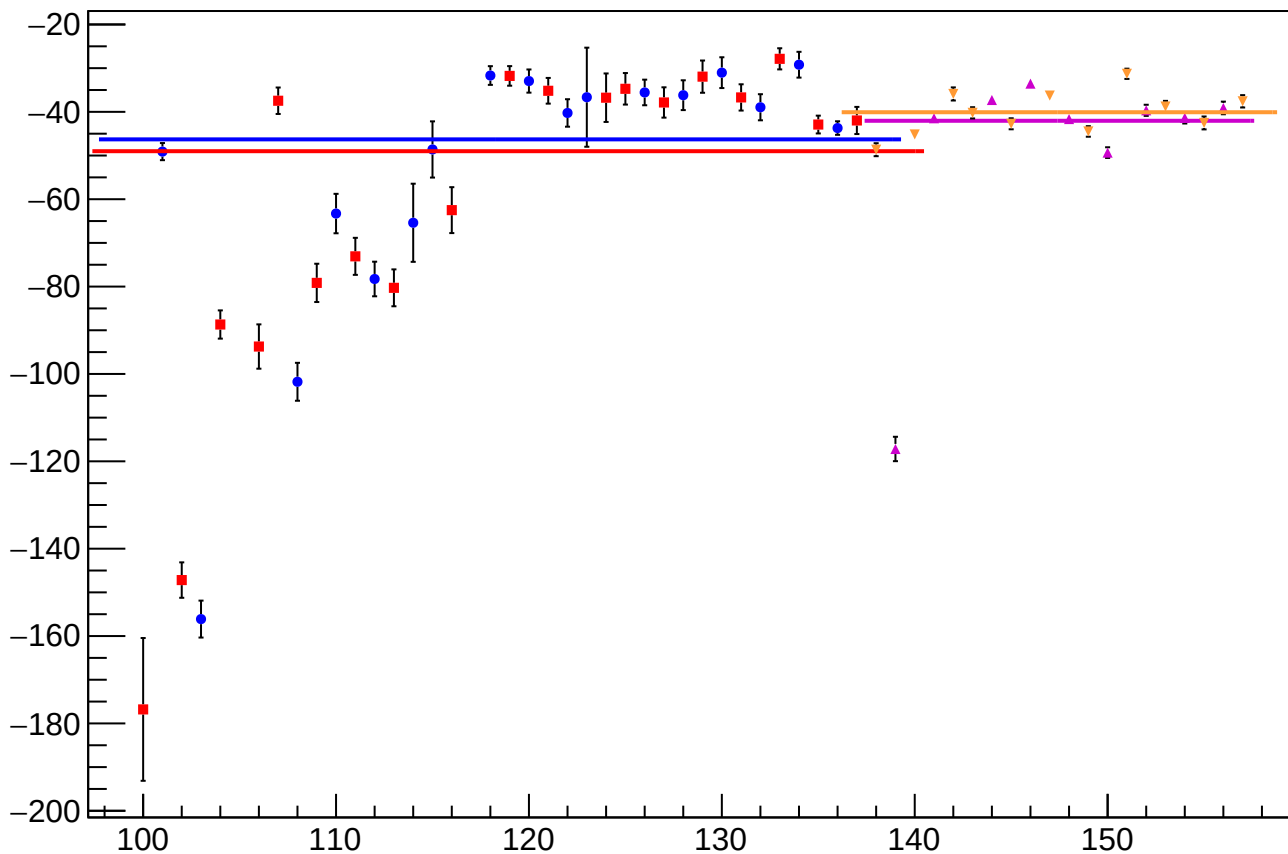
Left In: -33.042 $\pm$ 0.586 χ^2 /NDF:251.2/8

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

All: -34.829 $\pm$ 0.398 χ^2 /NDF: 464.2/19

- 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 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.086 ± 0.381 $\chi^2/\text{NDF}: 157.3/10$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

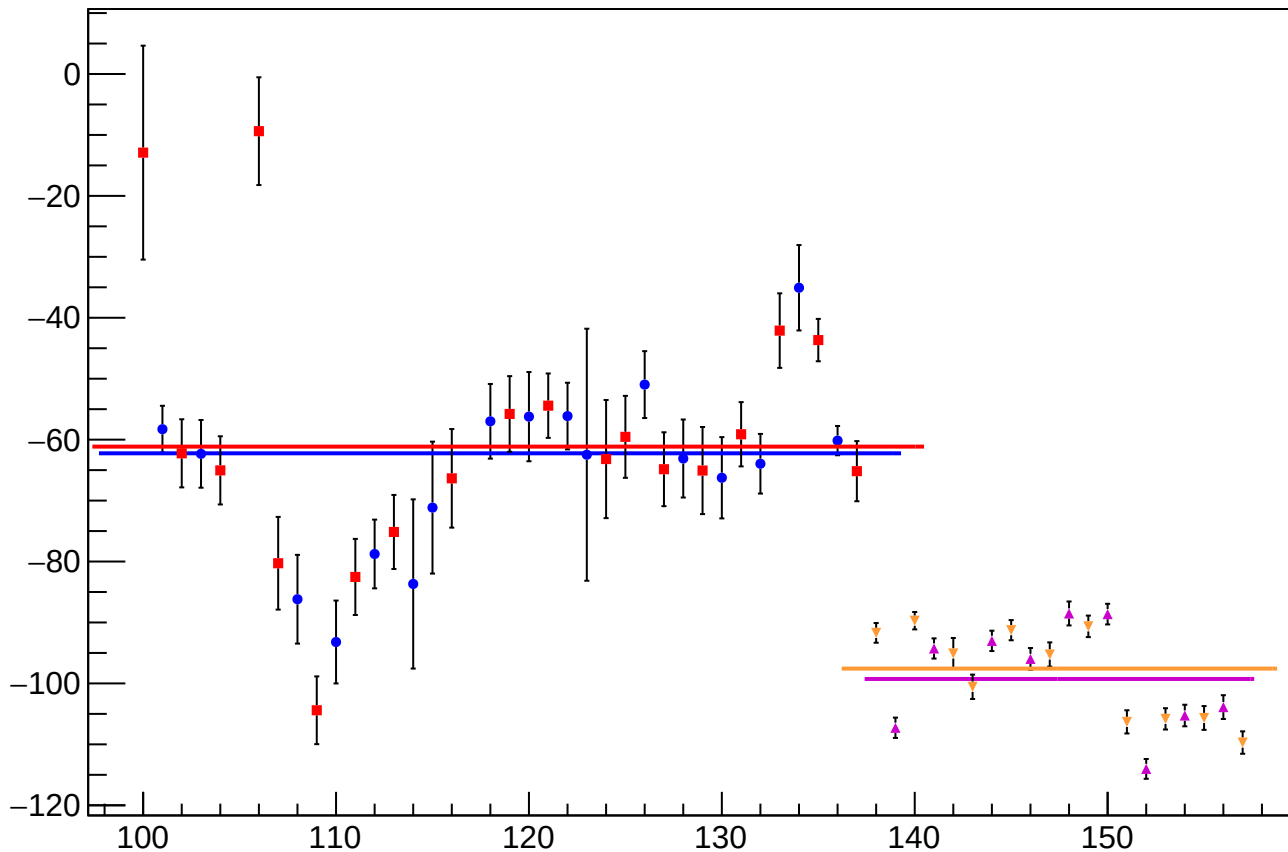
Left In: -42.045 ± 0.414 $\chi^2/\text{NDF}: 842.0/8$

+ sign -41.438 ± 0.337 $\chi^2/\text{NDF}: 1299.2/27$

All: -42.448 ± 0.247 $\chi^2/\text{NDF}: 3496.6/55$

- sign -43.629 ± 0.364 $\chi^2/\text{NDF}: 2177.9/27$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 $\chi^2/\text{NDF}: 67.4/16$

Left Out: -97.566 ± 0.544 $\chi^2/\text{NDF}: 182.0/10$

Right Out: -61.142 ± 1.379 $\chi^2/\text{NDF}: 165.6/18$

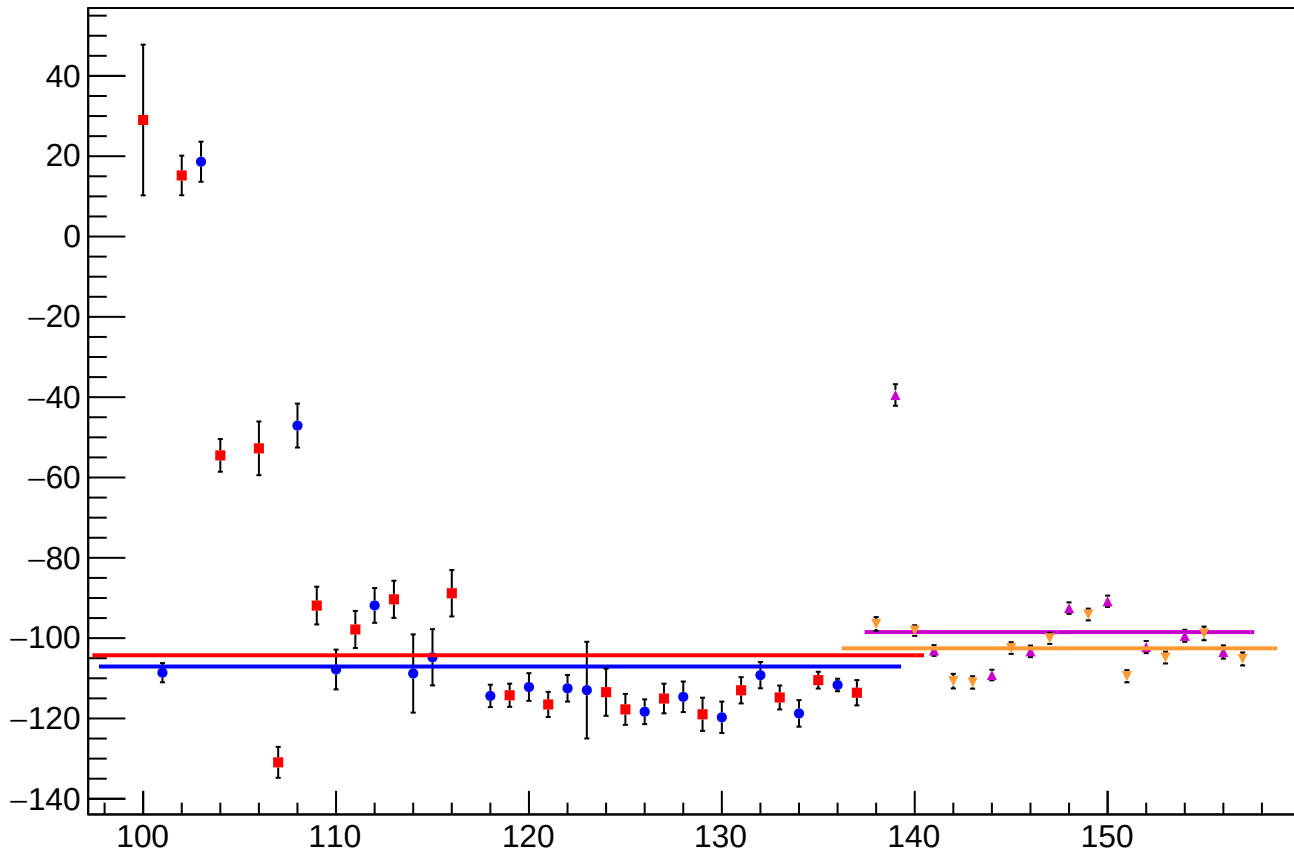
Left In: -99.271 ± 0.581 $\chi^2/\text{NDF}: 218.4/8$

+ sign -92.370 ± 0.503 $\chi^2/\text{NDF}: 869.5/27$

All: -92.912 ± 0.366 $\chi^2/\text{NDF}: 1904.8/55$

- sign -93.528 ± 0.535 $\chi^2/\text{NDF}: 1032.9/27$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -102.533 ± 0.461 χ^2/NDF : 141.4/10

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

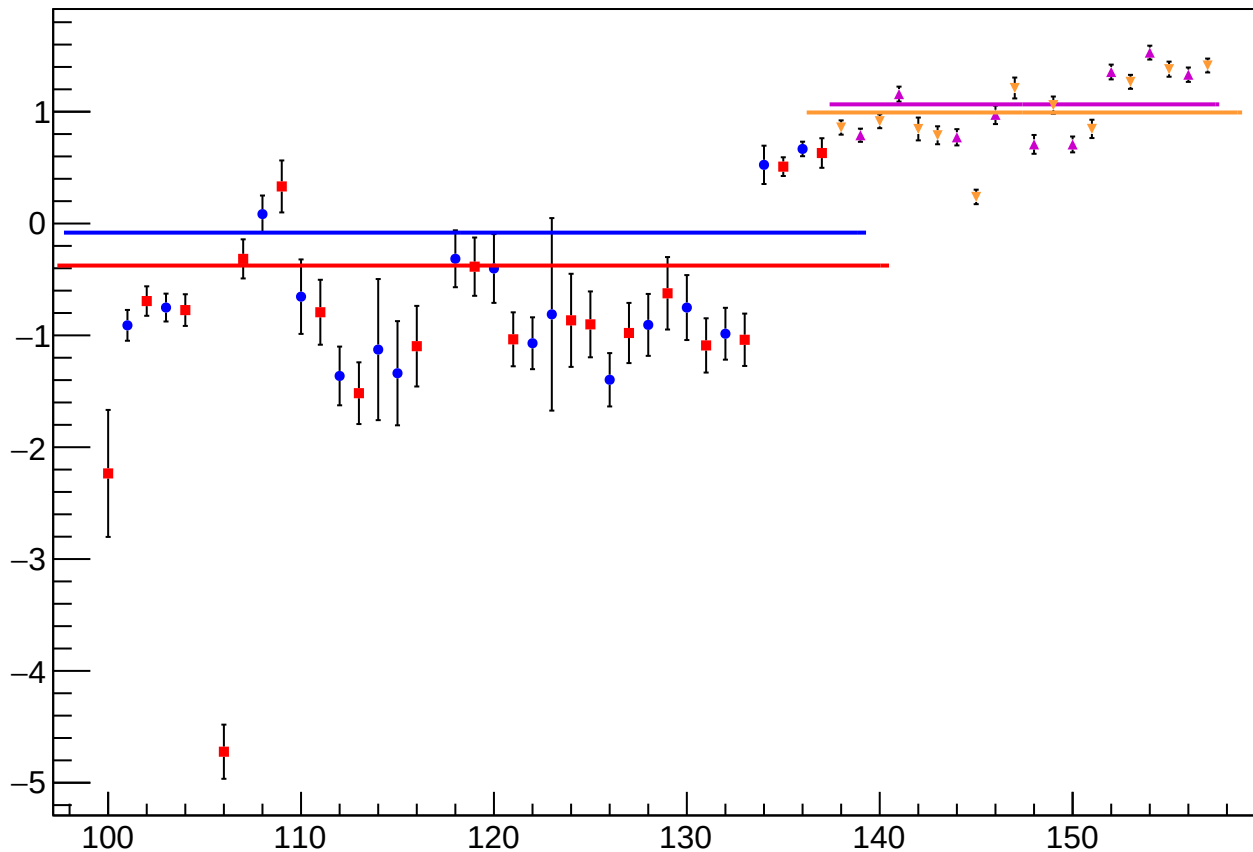
Left In: -98.500 ± 0.500 χ^2/NDF : 632.8/8

+ sign -103.638 ± 0.401 χ^2/NDF : 993.4/27

All: -101.938 ± 0.294 χ^2/NDF : 2717.4/55

- sign -99.956 ± 0.432 χ^2/NDF : 1685.0/27

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

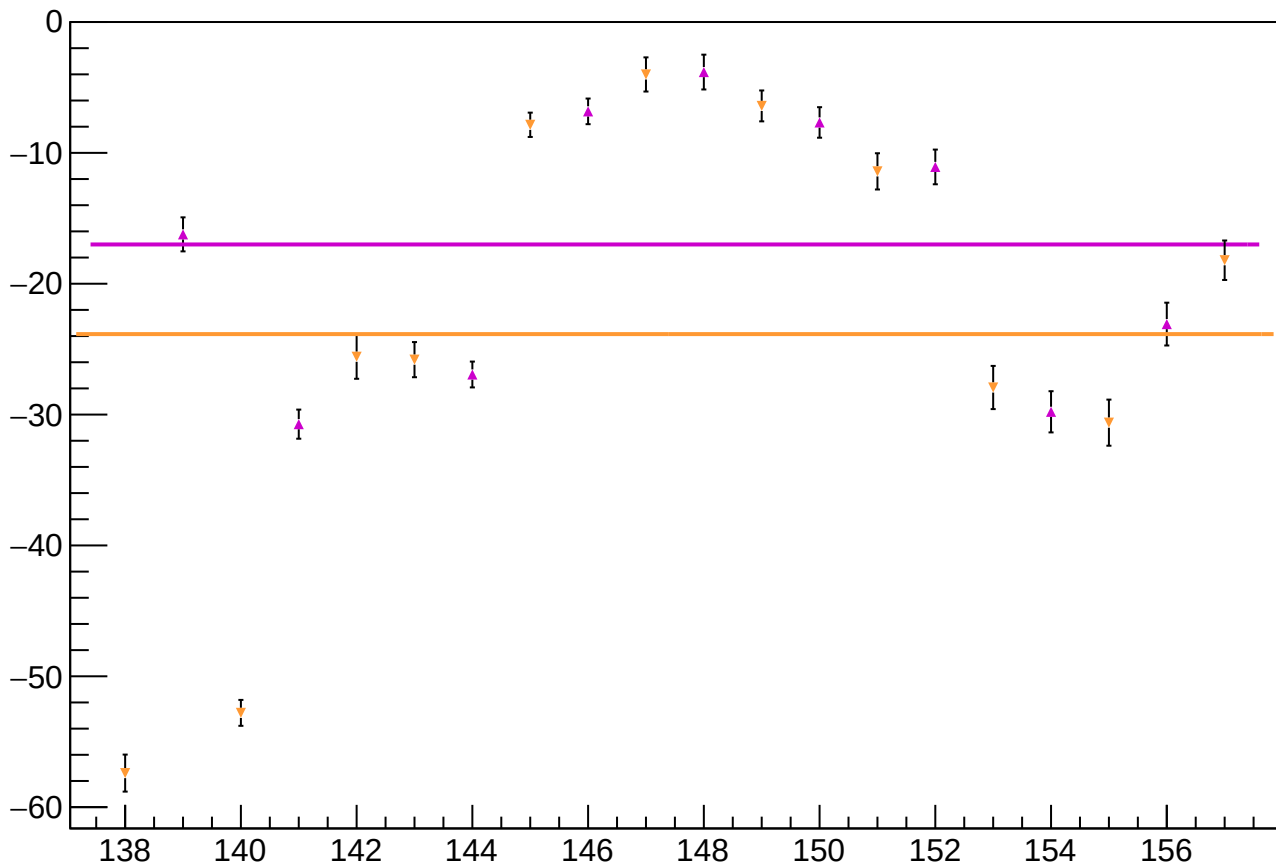
Left In: 1.066 ± 0.023 χ^2/NDF : 176.8/8

+ sign 0.771 ± 0.019 χ^2/NDF : 1101.2/27

All: 0.765 ± 0.014 χ^2/NDF : 2709.8/55

- sign 0.758 ± 0.020 χ^2/NDF : 1608.3/27

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

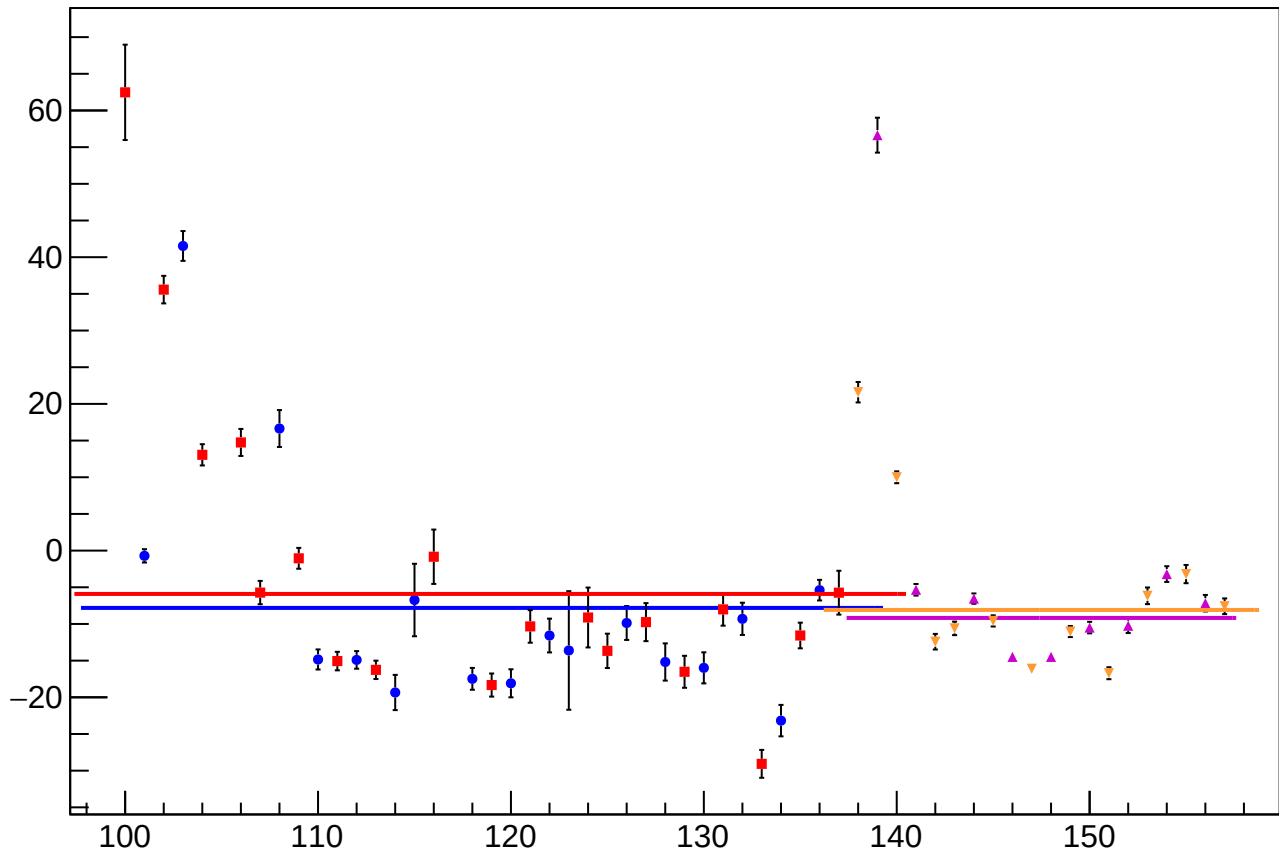
Left In: -17.000+/-0.404 χ^2/NDF : 623.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.540+/-0.281 χ^2/NDF : 3053.1/19

- 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

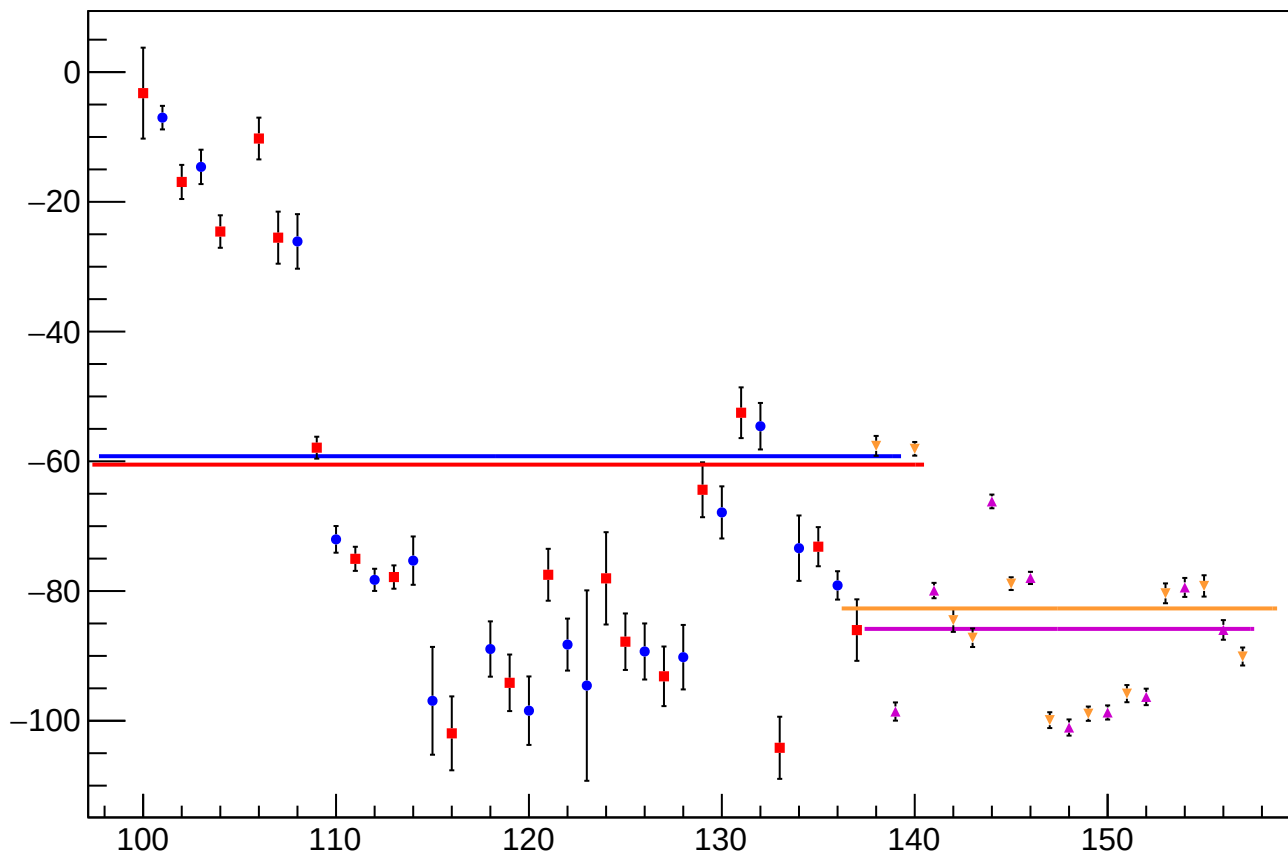
Left In: -9.179 ± 0.277 χ^2/NDF : 981.2/8

+ sign -8.011 ± 0.227 χ^2/NDF : 2275.5/27

All: -8.112 ± 0.162 χ^2/NDF : 4591.2/55

- sign -8.219 ± 0.232 χ^2/NDF : 2315.3/27

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.683 ± 0.391 χ^2/NDF : 1387.2/10

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

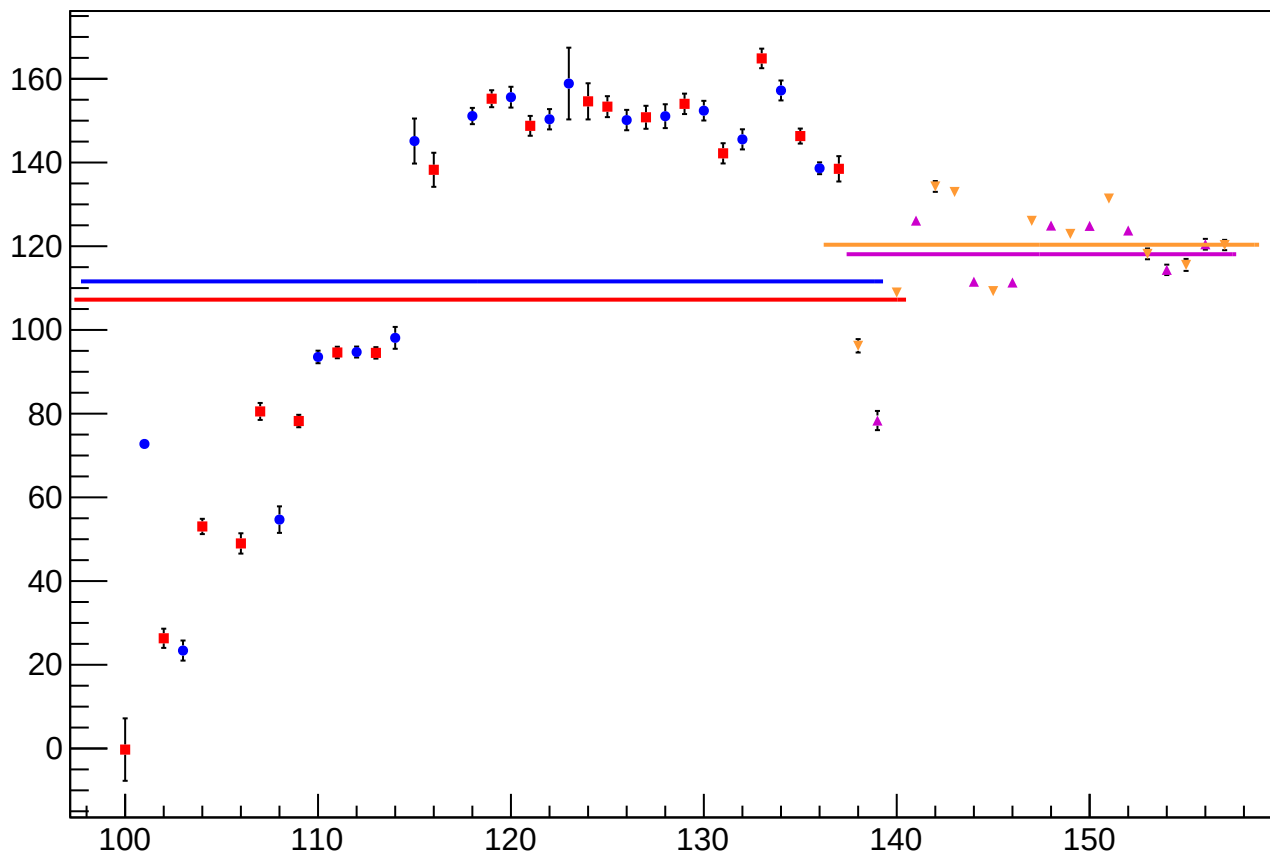
Left In: -85.836 ± 0.400 χ^2/NDF : 897.8/8

+ sign -77.597 ± 0.346 χ^2/NDF : 3887.5/27

All: -78.624 ± 0.245 χ^2/NDF : 7164.6/55

- sign -79.660 ± 0.348 χ^2/NDF : 3259.5/27

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 120.358 $\pm$ 0.327 χ^2 /NDF: 946.8/10

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

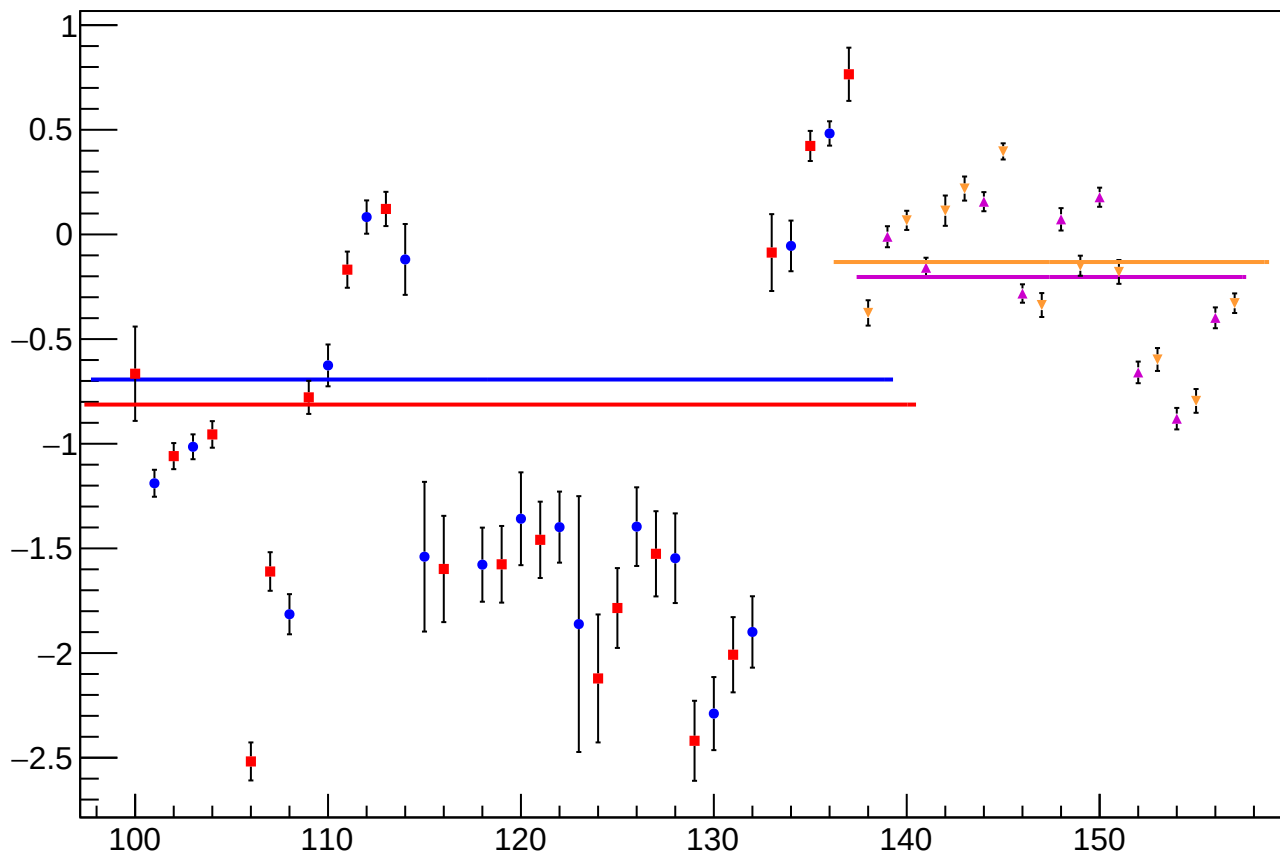
Left In: 118.090 $\pm$ 0.337 χ^2 /NDF: 657.8/8

+ sign 117.637 $\pm$ 0.271 χ^2 /NDF: 7129.7/27

All: 116.145 $\pm$ 0.194 χ^2 /NDF: 15222.1/55

- sign 114.585 $\pm$ 0.277 χ^2 /NDF: 8030.4/27

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

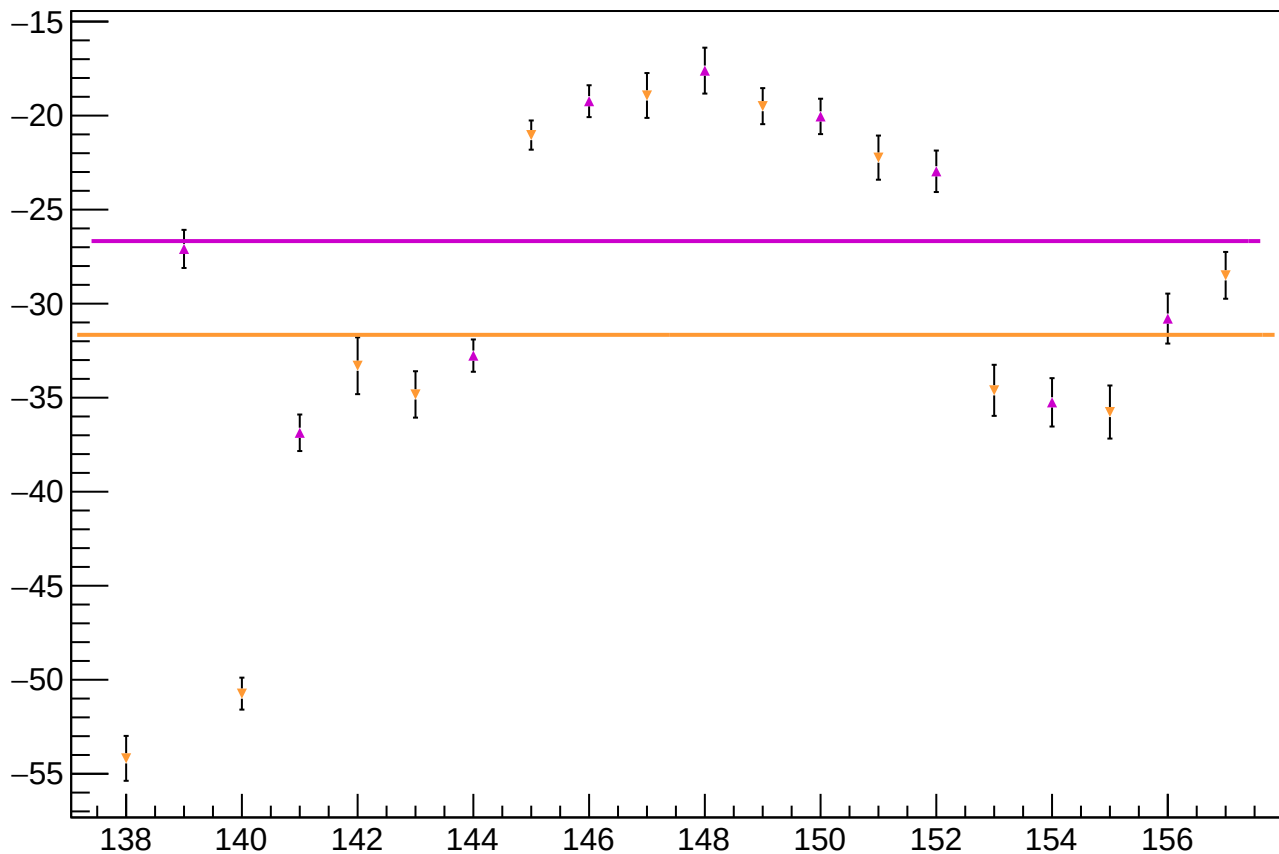
Left In: -0.203 ± 0.016 χ^2/NDF : 444.3/8

+ sign -0.284 ± 0.013 χ^2/NDF : 1850.6/27

All: -0.337 ± 0.010 χ^2/NDF : 4072.0/55

- sign -0.390 ± 0.013 χ^2/NDF : 2189.9/27

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

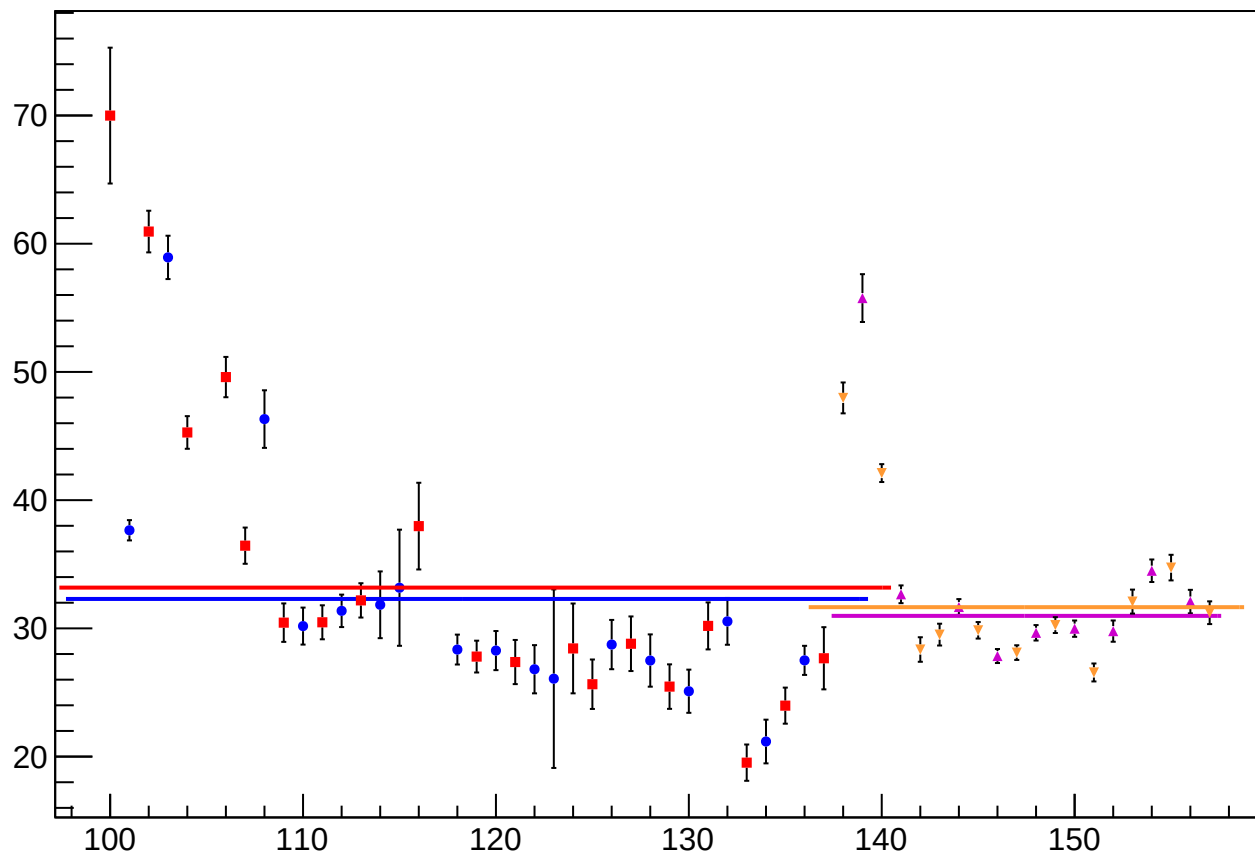
Left In: -26.673+/-0.341 χ^2/NDF : 408.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.232+/-0.238 χ^2/NDF : 1931.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 $\pm$ 0.373 χ^2/NDF : 452.2/16

Left Out: 31.654 $\pm$ 0.231 χ^2/NDF : 541.0/10

Right Out: 33.180 $\pm$ 0.379 χ^2/NDF : 770.3/18

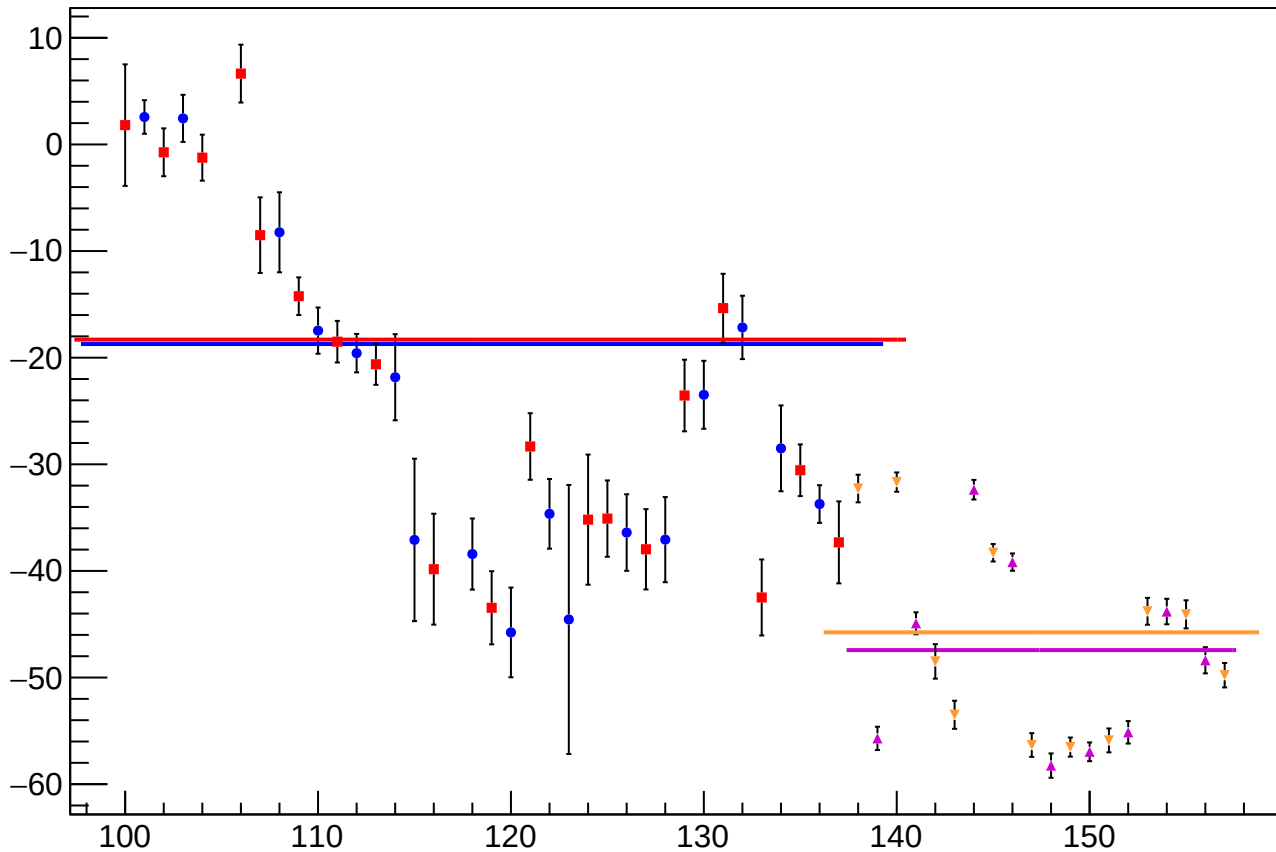
Left In: 30.975 $\pm$ 0.239 χ^2/NDF : 243.5/8

+ sign 31.831 $\pm$ 0.196 χ^2/NDF : 995.3/27

All: 31.720 $\pm$ 0.141 χ^2/NDF : 2033.9/55

- sign 31.602 $\pm$ 0.202 χ^2/NDF : 1037.9/27

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 $\chi^2/\text{NDF}: 472.6/18$

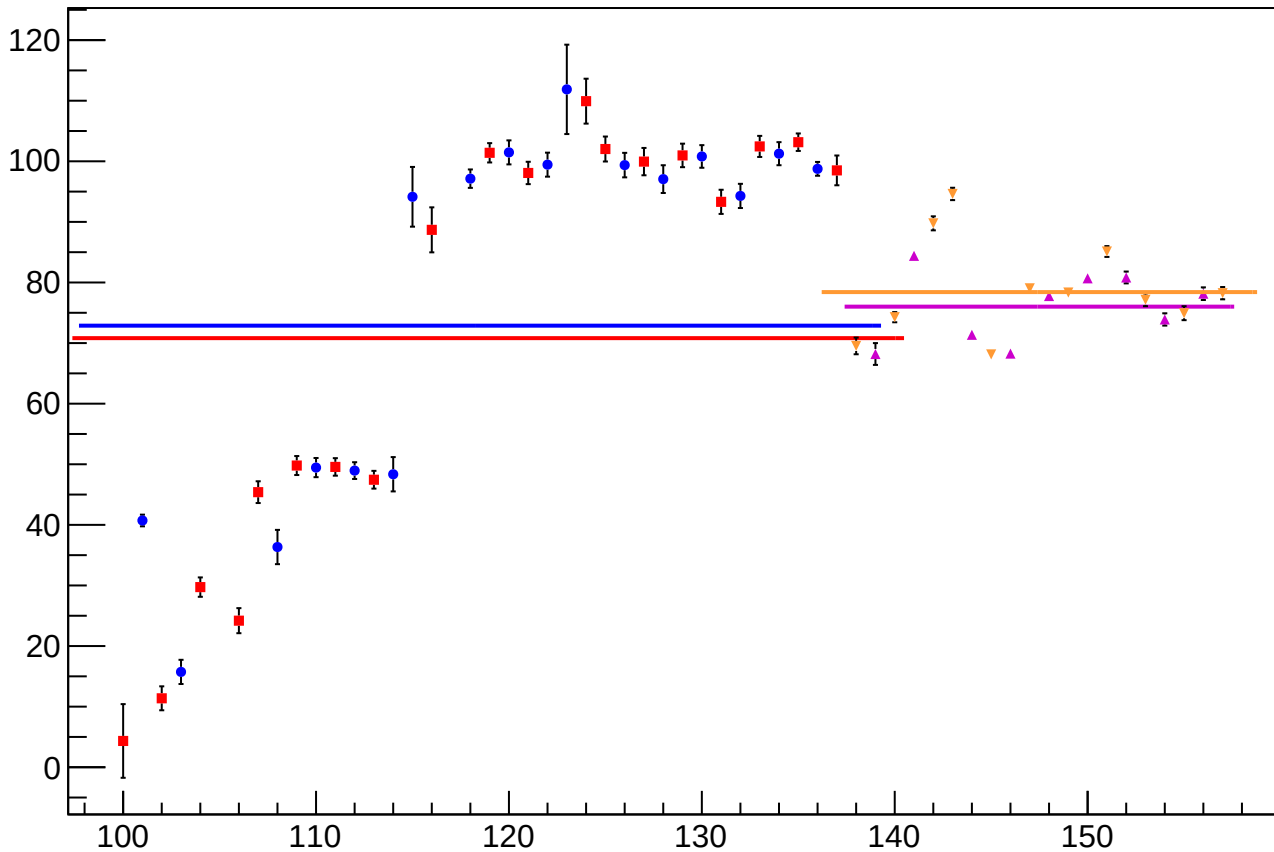
Left In: -47.427 ± 0.338 $\chi^2/\text{NDF}: 703.2/8$

+ sign -40.374 ± 0.297 $\chi^2/\text{NDF}: 2645.7/27$

All: -40.756 ± 0.211 $\chi^2/\text{NDF}: 5430.7/55$

- sign -41.143 ± 0.299 $\chi^2/\text{NDF}: 2781.7/27$

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 $\chi^2/\text{NDF}: 5489.3/18$

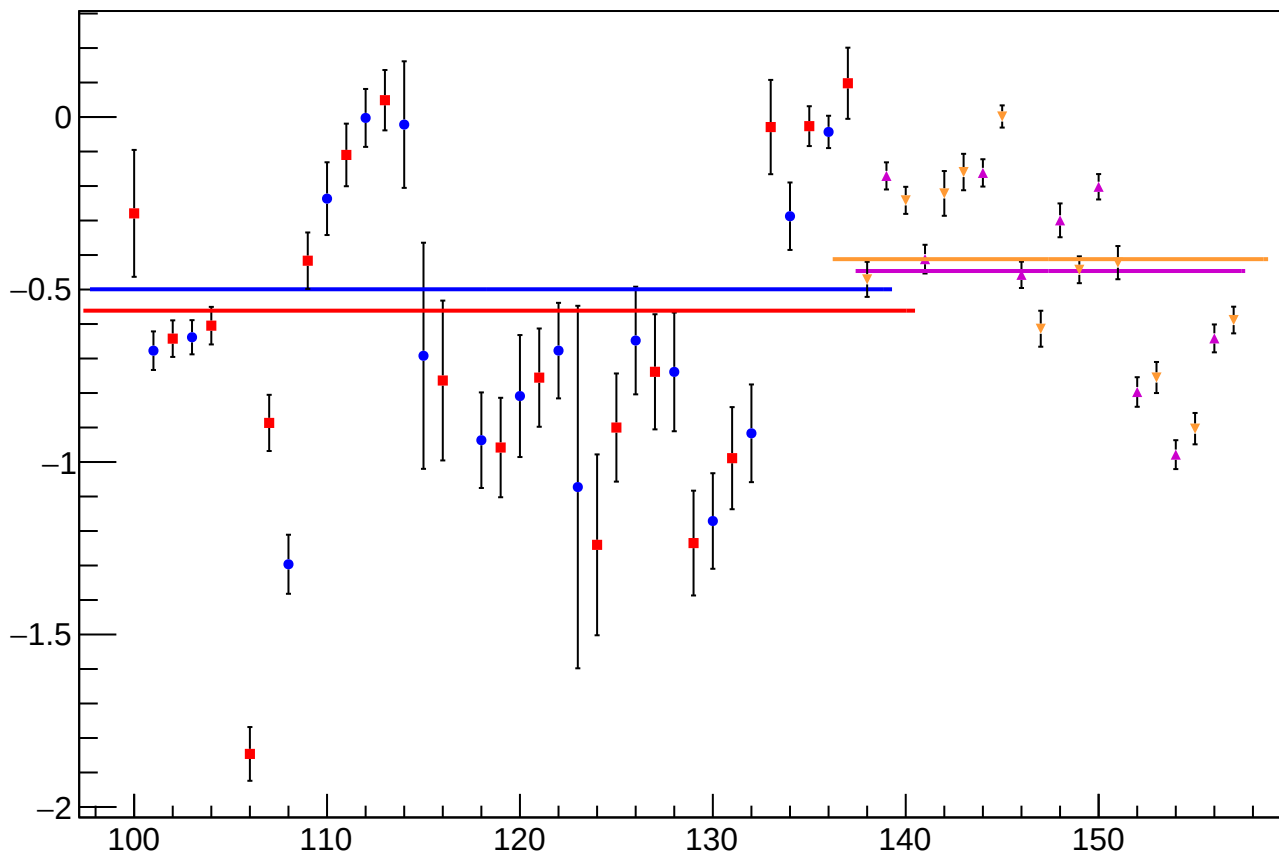
Left In: 76.013 ± 0.288 $\chi^2/\text{NDF}: 369.9/8$

+ sign 76.746 ± 0.234 $\chi^2/\text{NDF}: 5531.0/27$

All: 75.613 ± 0.167 $\chi^2/\text{NDF}: 11538.2/55$

- sign 74.418 ± 0.240 $\chi^2/\text{NDF}: 5958.9/27$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 $\pm$ 0.022 χ^2/NDF : 303.5/16

Left Out: -0.412 $\pm$ 0.013 χ^2/NDF : 428.2/10

Right Out: -0.561 $\pm$ 0.021 χ^2/NDF : 562.3/18

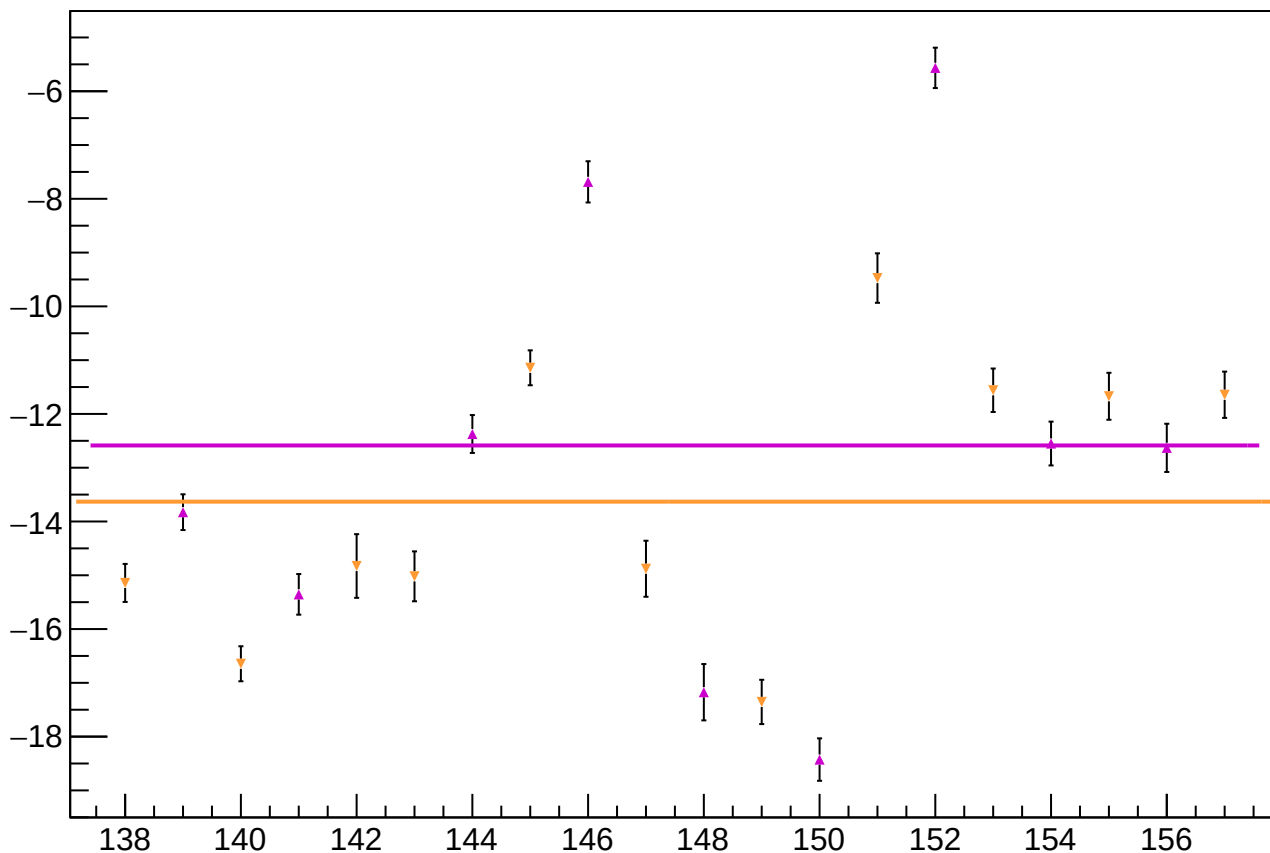
Left In: -0.446 $\pm$ 0.014 χ^2/NDF : 406.0/8

+ sign -0.435 $\pm$ 0.011 χ^2/NDF : 743.1/27

All: -0.457 $\pm$ 0.008 χ^2/NDF : 1739.6/55

- sign -0.479 $\pm$ 0.011 χ^2/NDF : 988.9/27

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

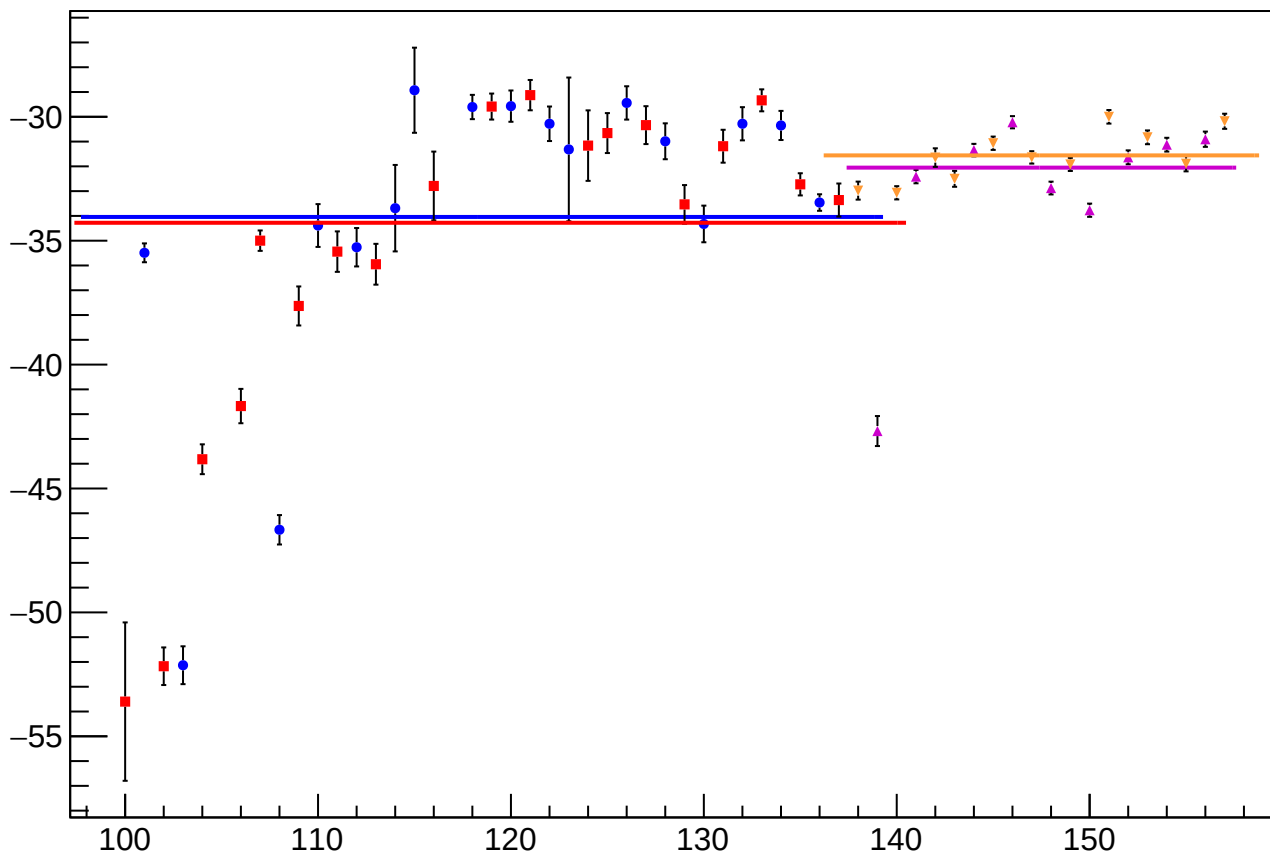
Left In: -12.586+/-0.130 χ^2/NDF : 877.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.136+/-0.090 χ^2/NDF : 1323.8/19

- 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

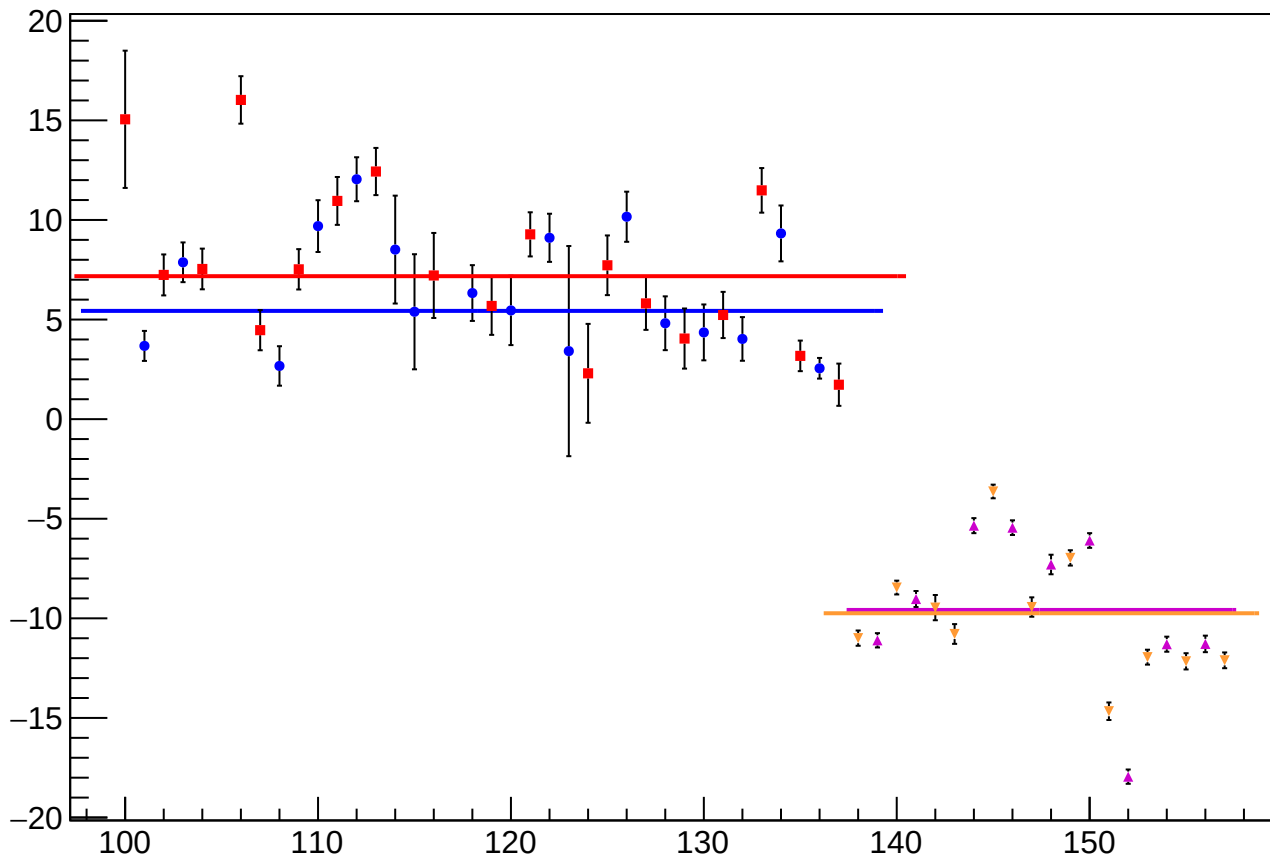
Left In: -32.052 ± 0.094 χ^2/NDF : 451.8/8

+ sign -32.187 ± 0.076 χ^2/NDF : 1665.5/27

All: -32.418 ± 0.055 χ^2/NDF : 3643.2/55

- sign -32.673 ± 0.080 χ^2/NDF : 1958.2/27

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

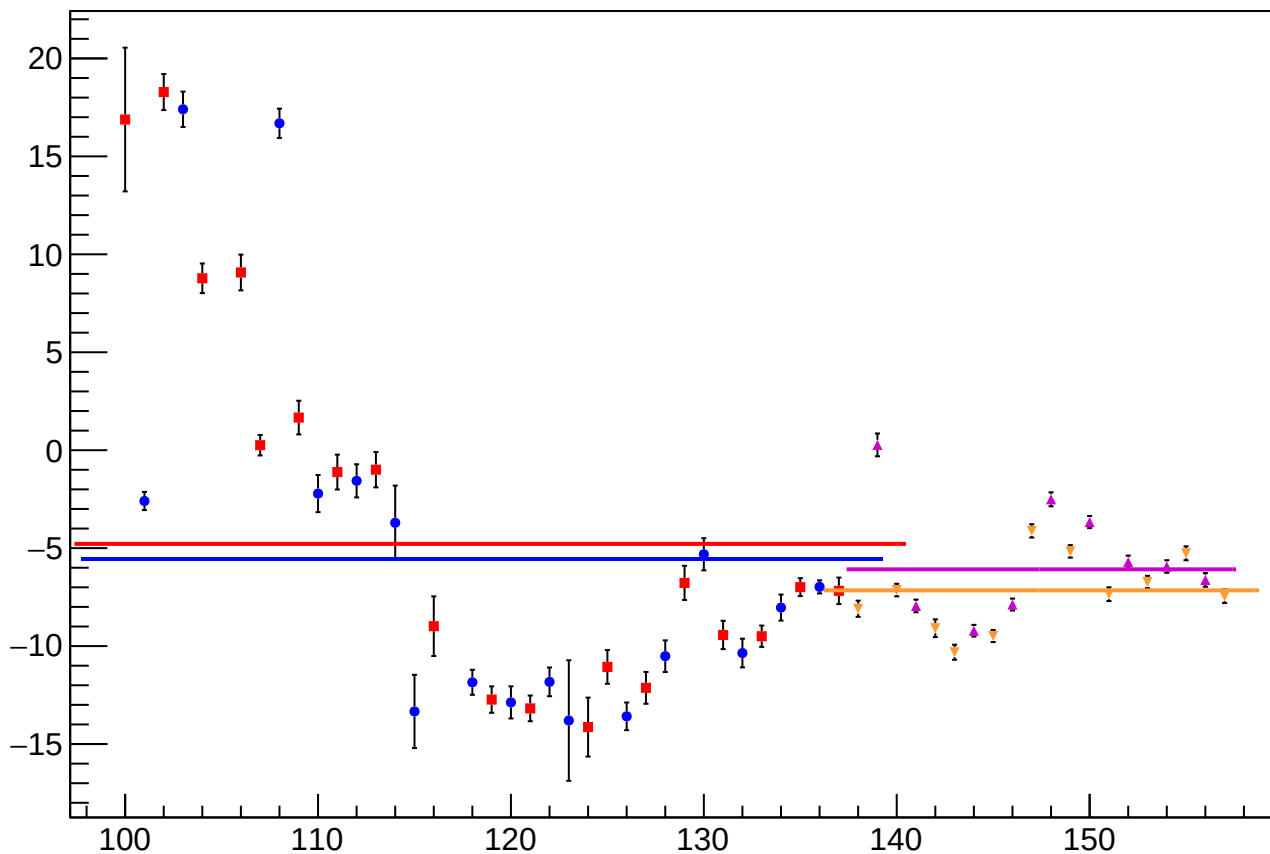
Left In: -9.579 ± 0.129 χ^2/NDF : 963.3/8

+ sign -7.121 ± 0.112 χ^2/NDF : 3384.4/27

All: -6.848 ± 0.081 χ^2/NDF : 7603.3/55

- sign -6.553 ± 0.117 χ^2/NDF : 4206.6/27

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

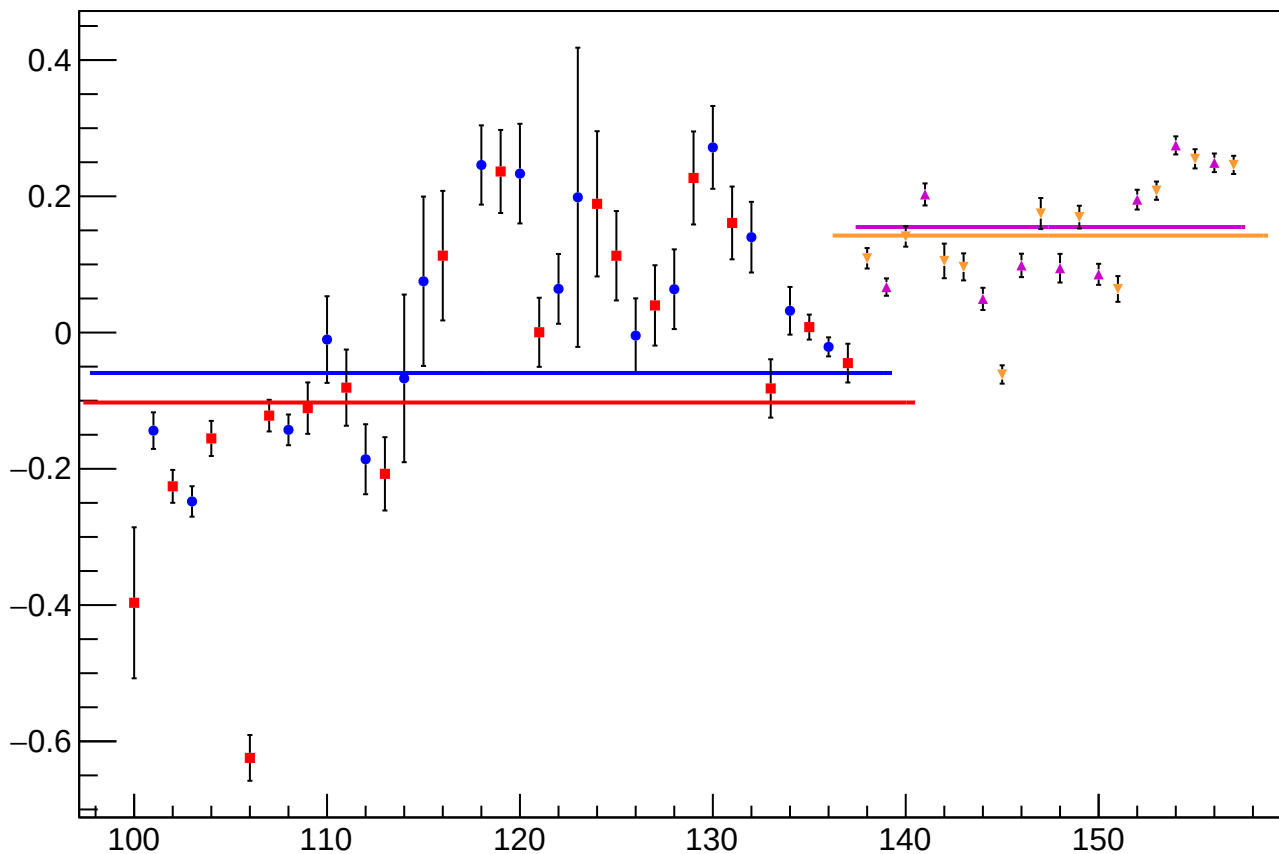
Left In: -6.082 ± 0.112 χ^2/NDF : 460.6/8

+ sign -6.710 ± 0.090 χ^2/NDF : 2486.0/27

All: -6.228 ± 0.065 χ^2/NDF : 5087.7/55

- sign -5.697 ± 0.094 χ^2/NDF : 2540.8/27

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 $\chi^2/\text{NDF}: 217.6/16$

Left Out: 0.142 ± 0.005 $\chi^2/\text{NDF}: 412.7/10$

Right Out: -0.103 ± 0.008 $\chi^2/\text{NDF}: 435.5/18$

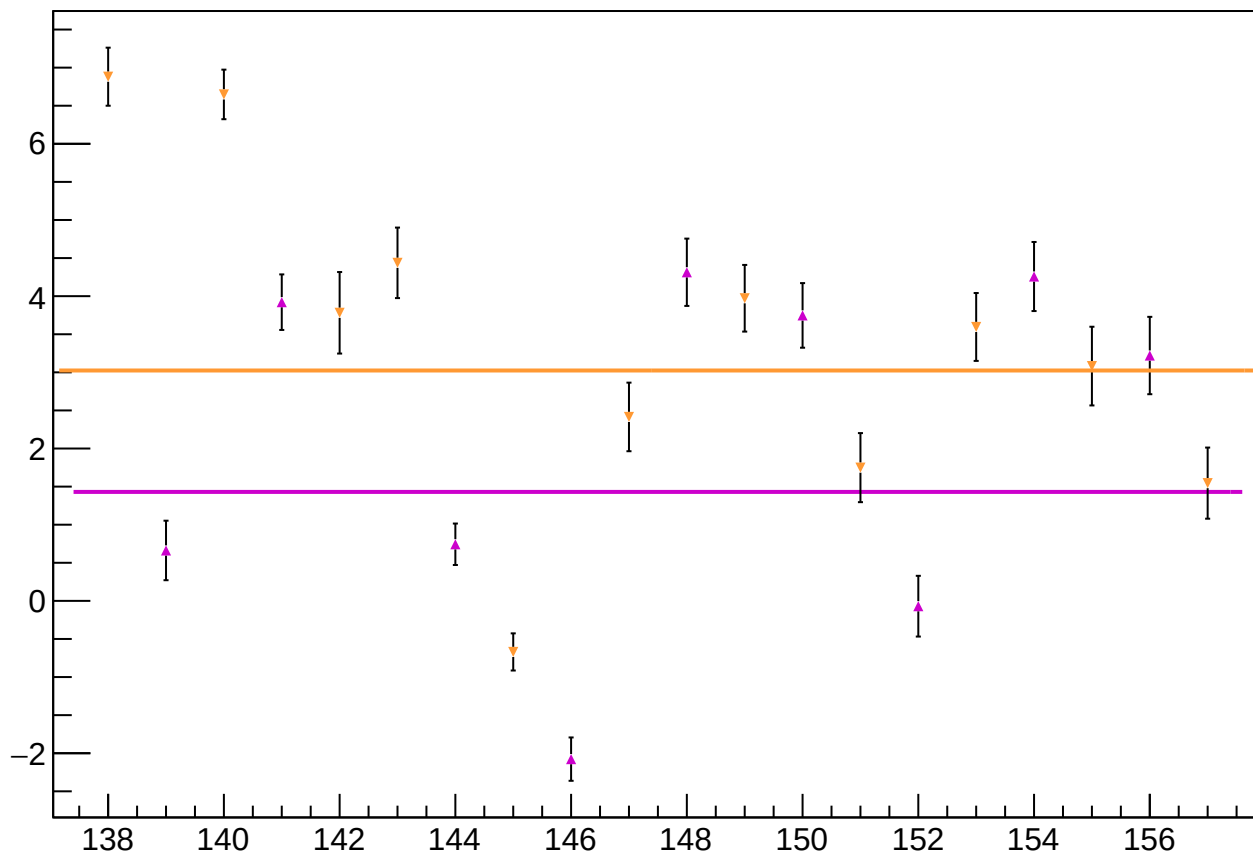
Left In: 0.155 ± 0.005 $\chi^2/\text{NDF}: 274.4/8$

+ sign 0.092 ± 0.004 $\chi^2/\text{NDF}: 1064.7/27$

All: 0.090 ± 0.003 $\chi^2/\text{NDF}: 2464.2/55$

- sign 0.087 ± 0.004 $\chi^2/\text{NDF}: 1398.8/27$

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.024+/-0.120 χ^2/NDF :493.5/10

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

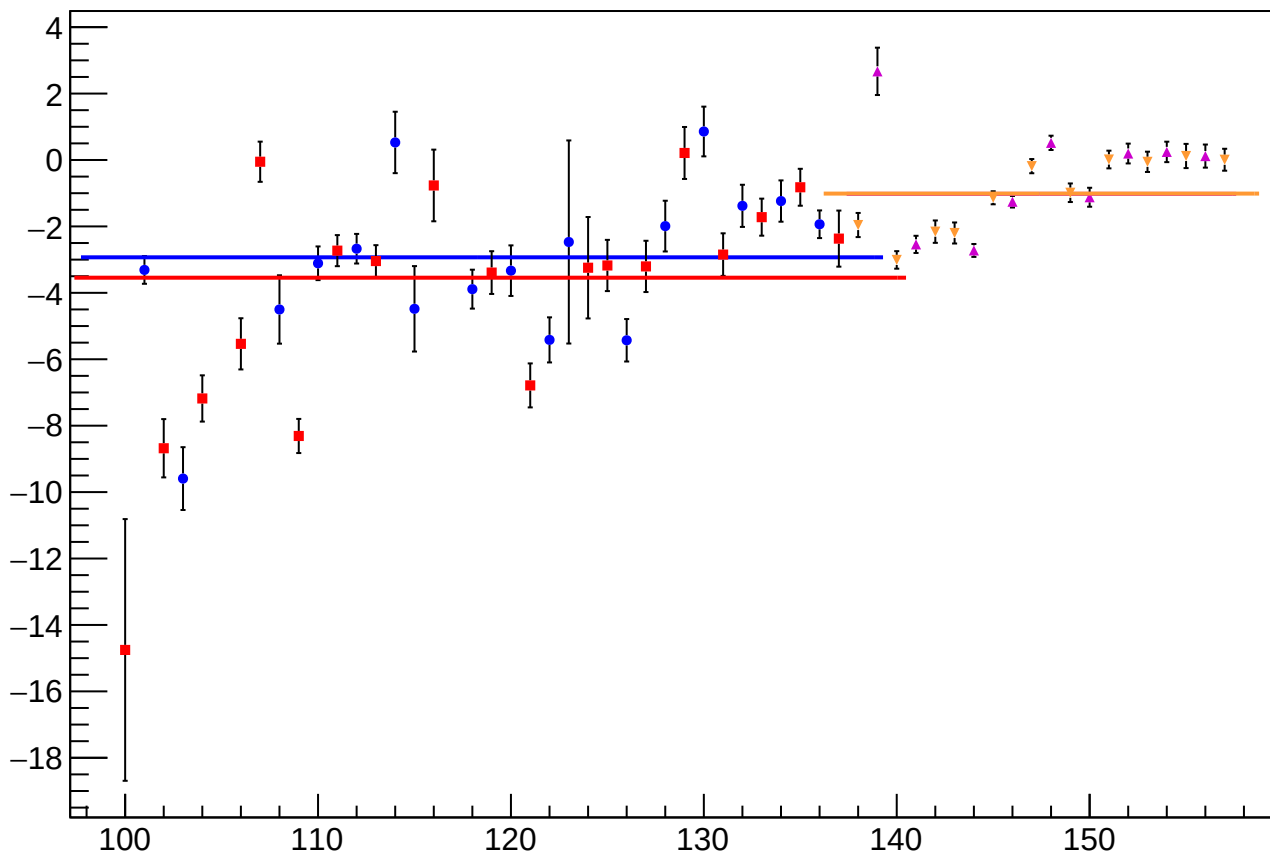
Left In: 1.430+/-0.123 χ^2/NDF :346.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.251+/-0.086 χ^2/NDF : 926.3/19

- sign 0.000+/-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

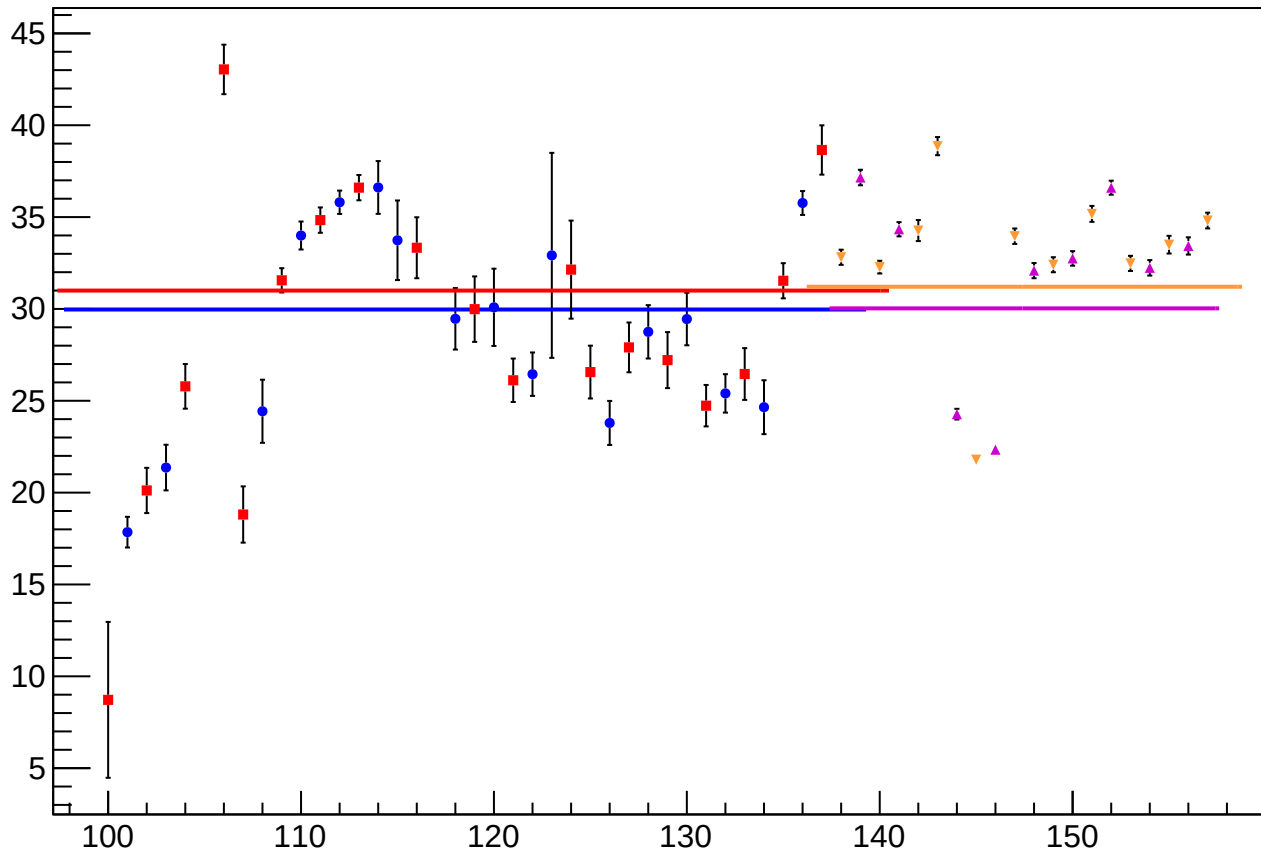
Left In: -1.020 ± 0.084 χ^2/NDF : 235.1/8

+ sign -1.449 ± 0.074 χ^2/NDF : 415.2/27

All: -1.524 ± 0.052 χ^2/NDF : 1149.2/55

- sign -1.601 ± 0.074 χ^2/NDF : 731.9/27

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

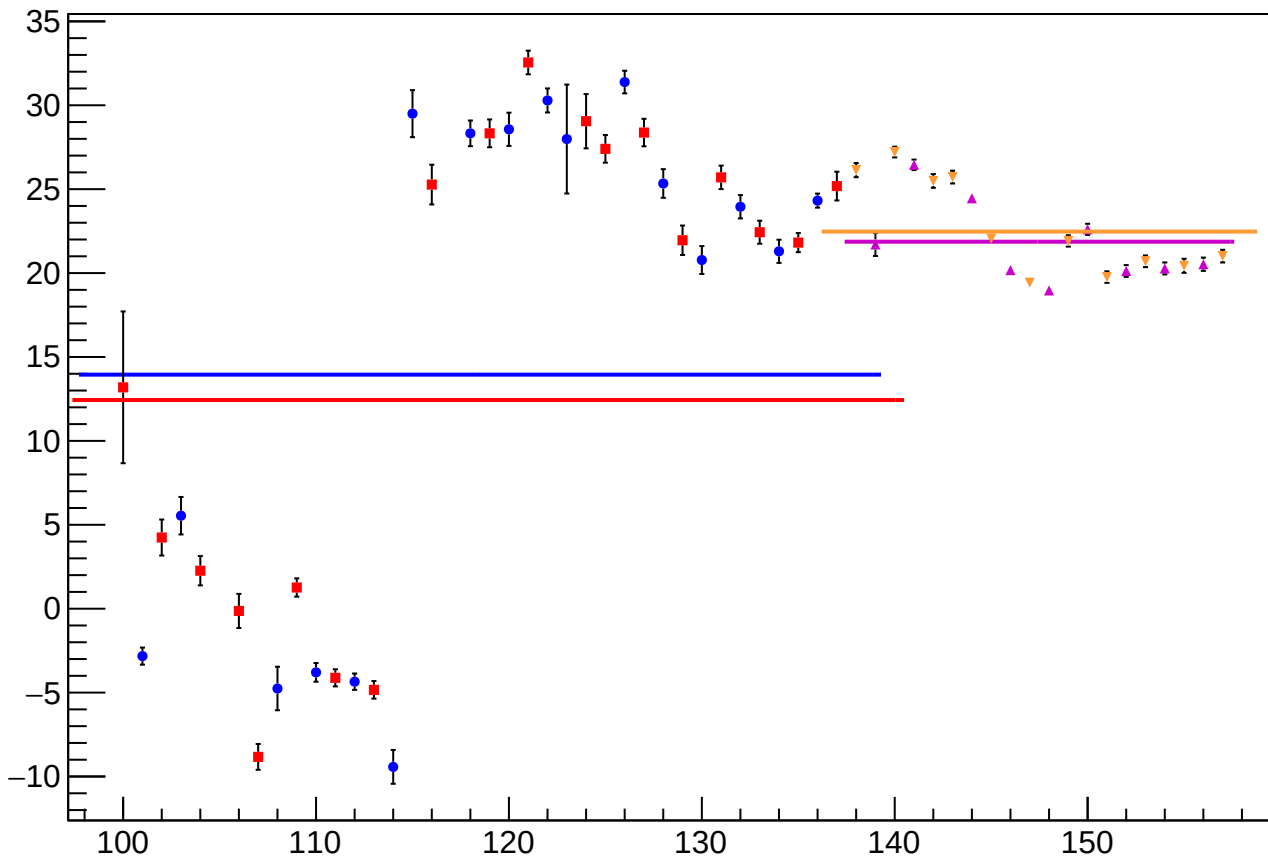
Left In: 30.031 $\pm$ 0.122 χ^2 /NDF:2040.2/8

+ sign 30.997 $\pm$ 0.110 χ^2 /NDF: 2416.8/27

All: 30.605 $\pm$ 0.078 χ^2 /NDF: 4973.5/55

- sign 30.207 $\pm$ 0.111 χ^2 /NDF: 2531.0/27

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

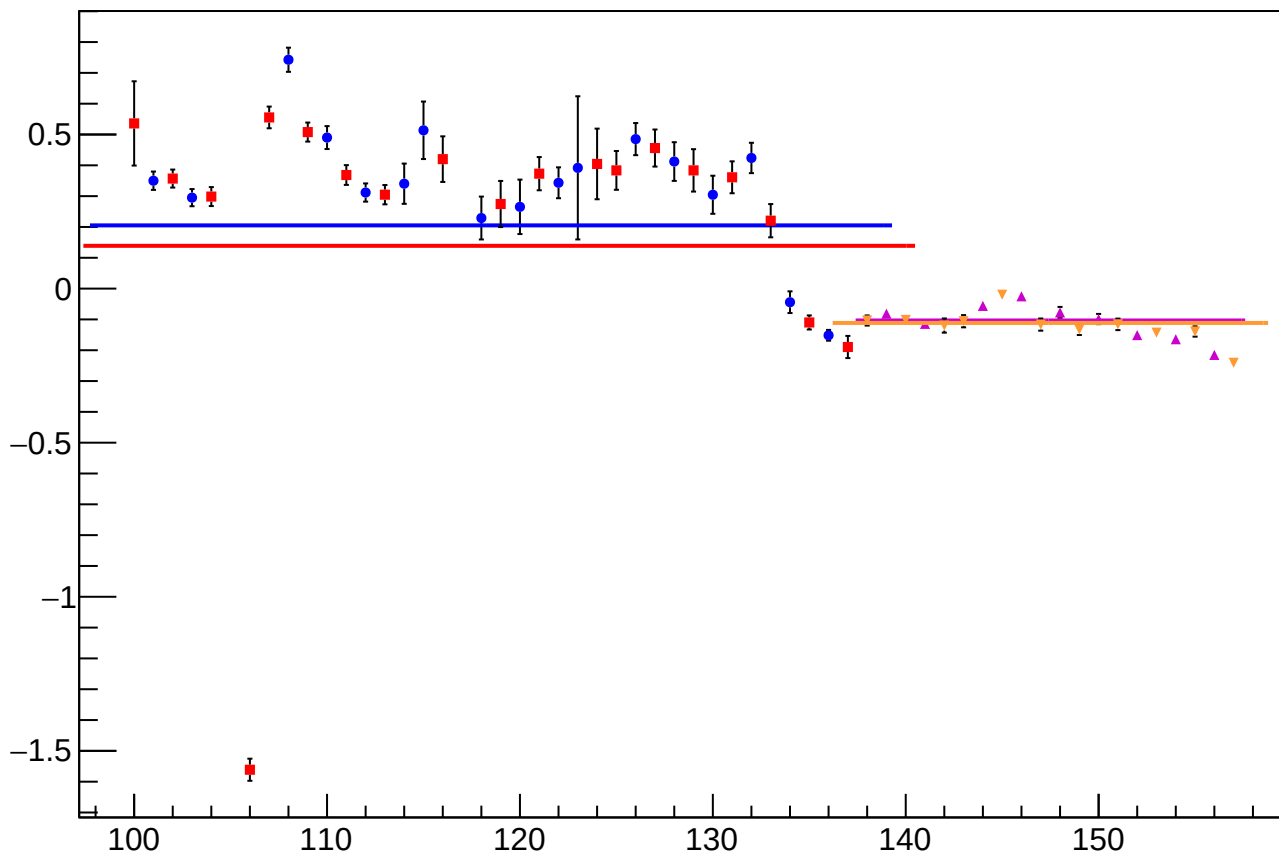
Left In: 21.870 $\pm$ 0.103 χ^2 /NDF:555.2/8

+ sign 20.275 $\pm$ 0.087 χ^2 /NDF: 9878.1/27

All: 19.852 $\pm$ 0.062 χ^2 /NDF: 19627.5/55

- sign 19.416 $\pm$ 0.089 χ^2 /NDF: 9701.6/27

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.111 $\pm$ 0.005 χ^2 /NDF: 170.4/10

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

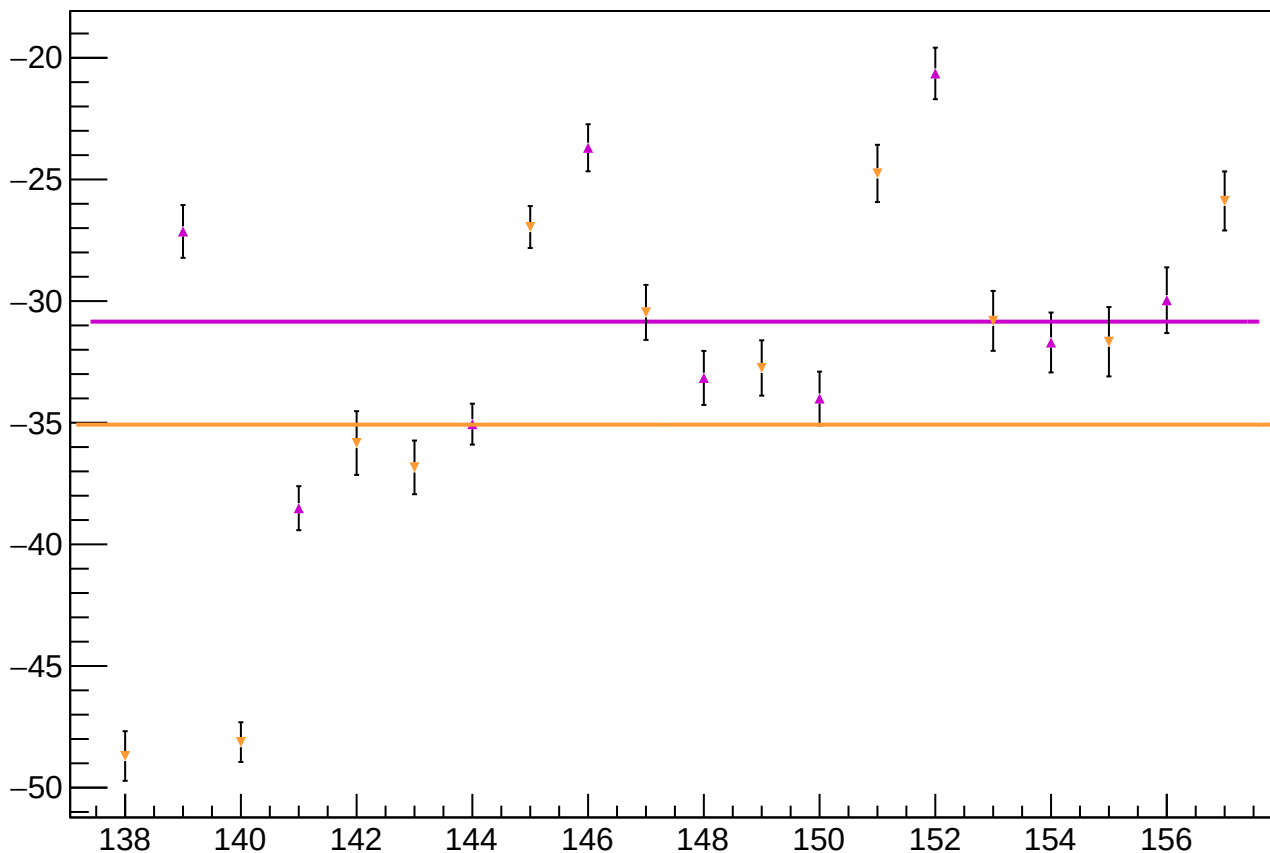
Left In: -0.103 $\pm$ 0.005 χ^2 /NDF: 135.7/8

+ sign -0.046 $\pm$ 0.004 χ^2 /NDF: 1923.4/27

All: -0.047 $\pm$ 0.003 χ^2 /NDF: 5614.3/55

- sign -0.049 $\pm$ 0.004 χ^2 /NDF: 3690.7/27

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

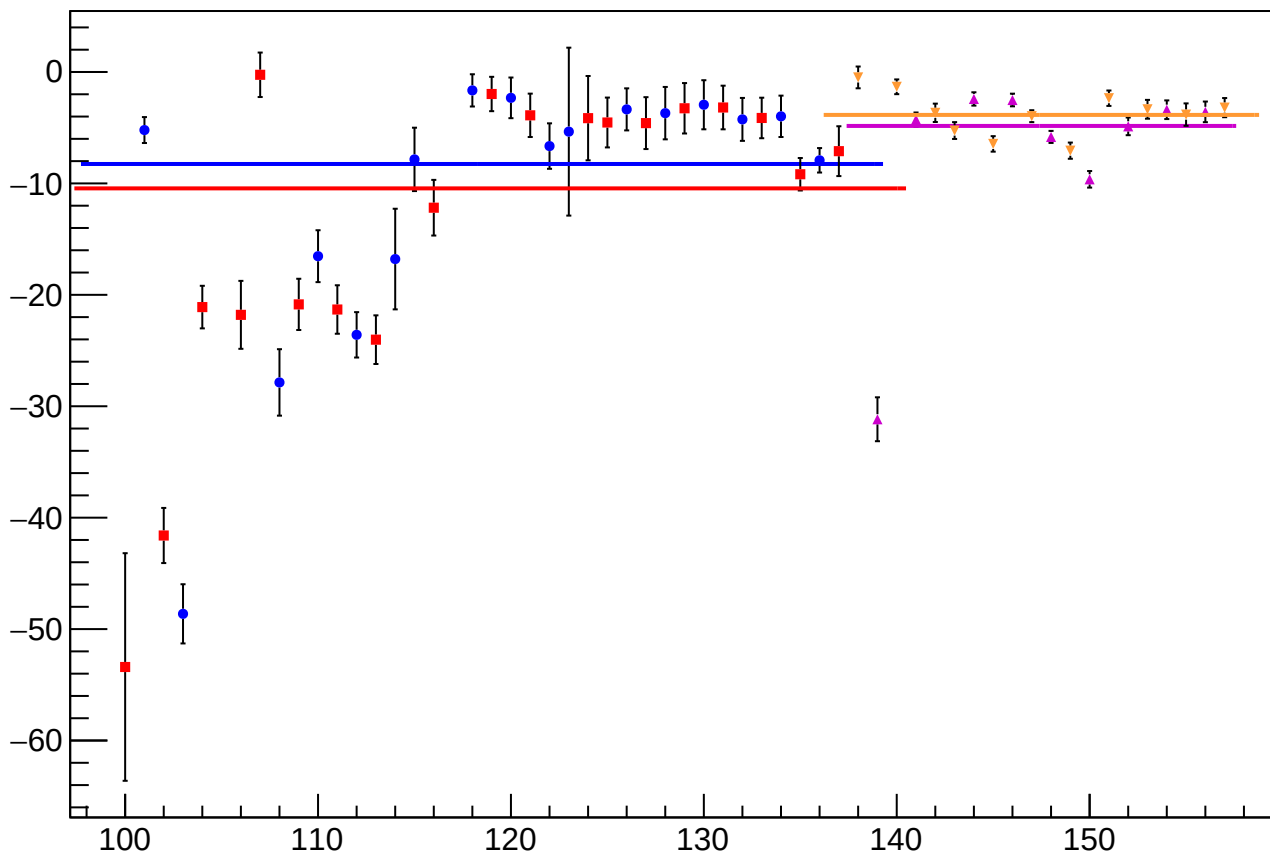
Left In: -30.844+/-0.347 χ^2/NDF : 269.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.087+/-0.238 χ^2/NDF : 1047.2/19

- 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

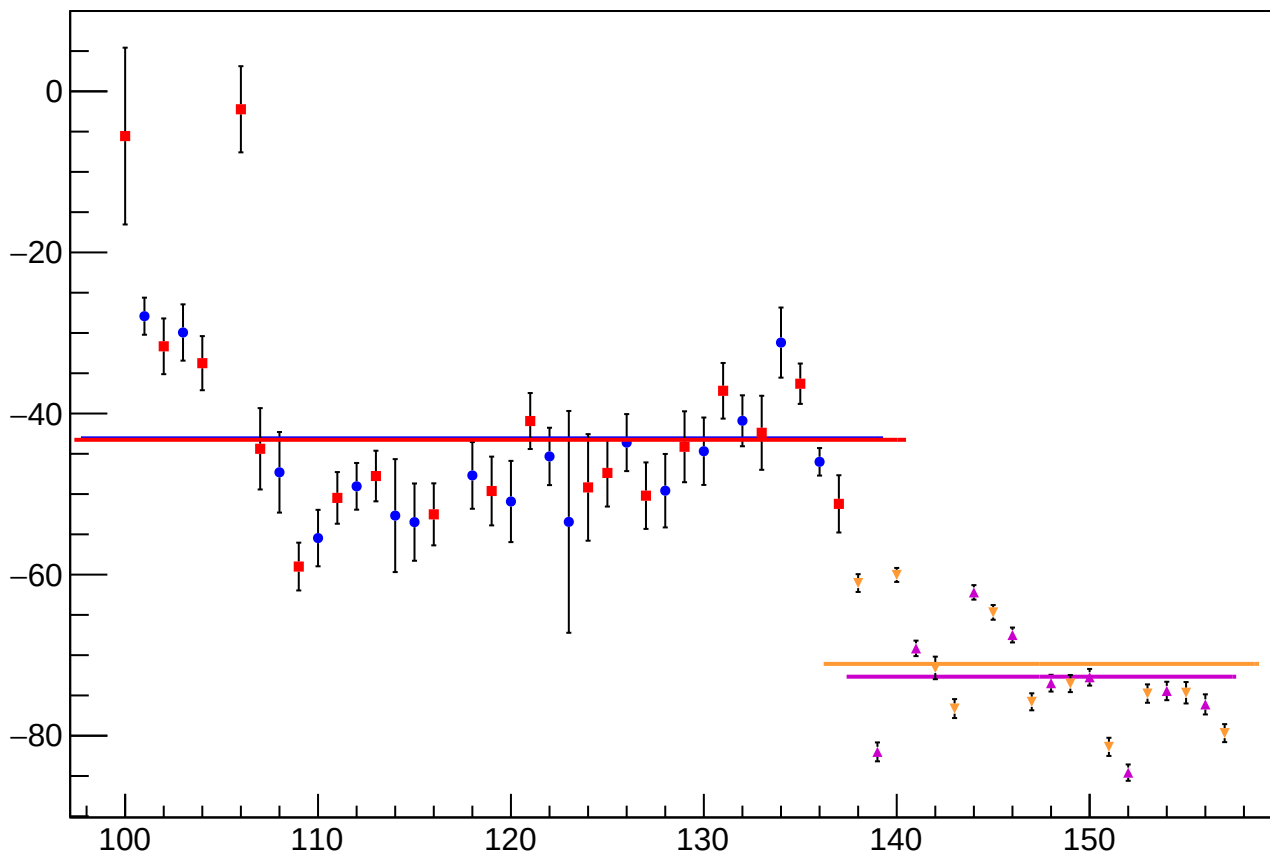
Left In: -4.841 ± 0.236 χ^2/NDF : 262.2/8

+ sign -4.694 ± 0.202 χ^2/NDF : 554.7/27

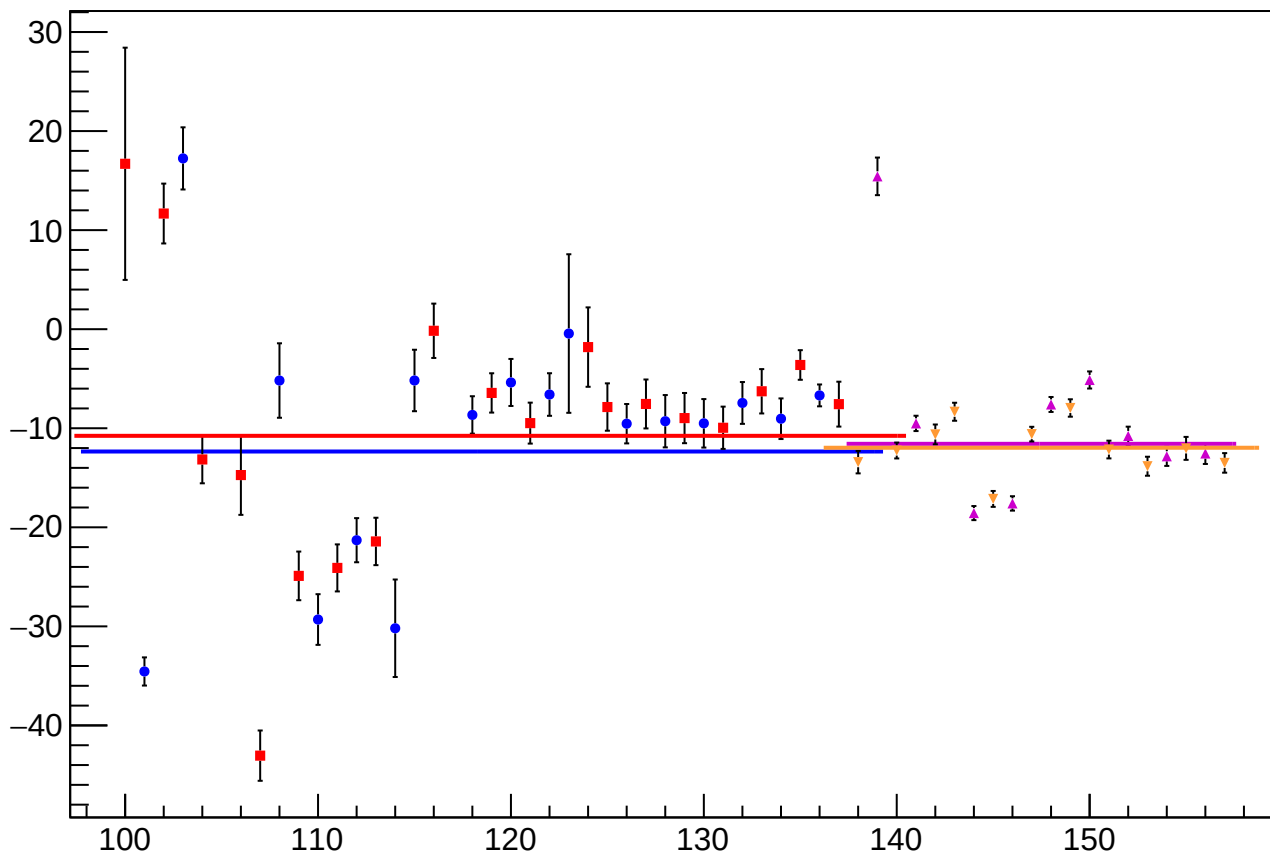
All: -5.261 ± 0.146 χ^2/NDF : 1367.8/55

- sign -5.890 ± 0.212 χ^2/NDF : 796.5/27

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



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

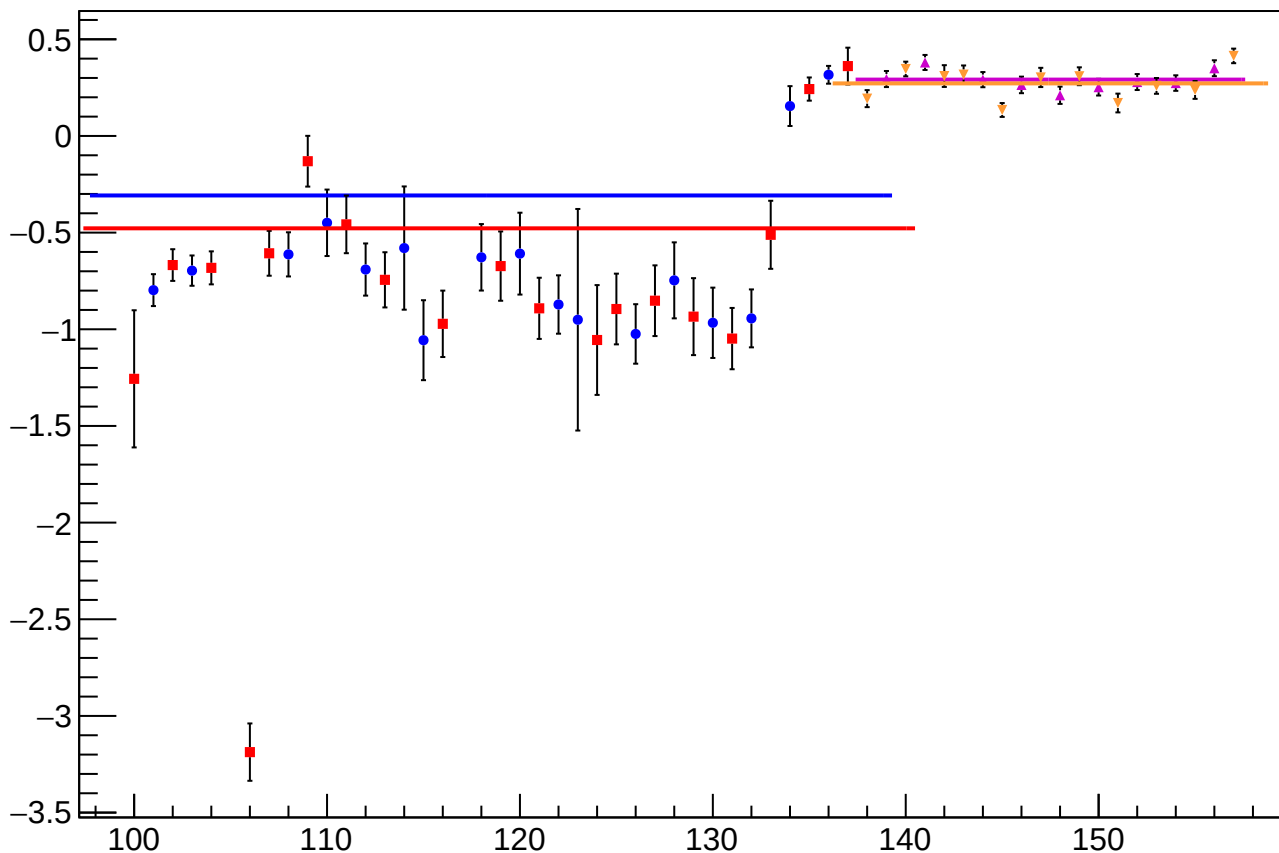
Left In: -11.572+/-0.289 χ^2/NDF : 461.5/8

+ sign -12.051+/-0.242 χ^2/NDF : 567.9/27

All: -11.743+/-0.176 χ^2/NDF : 1401.1/55

- sign -11.400+/-0.256 χ^2/NDF : 829.8/27

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

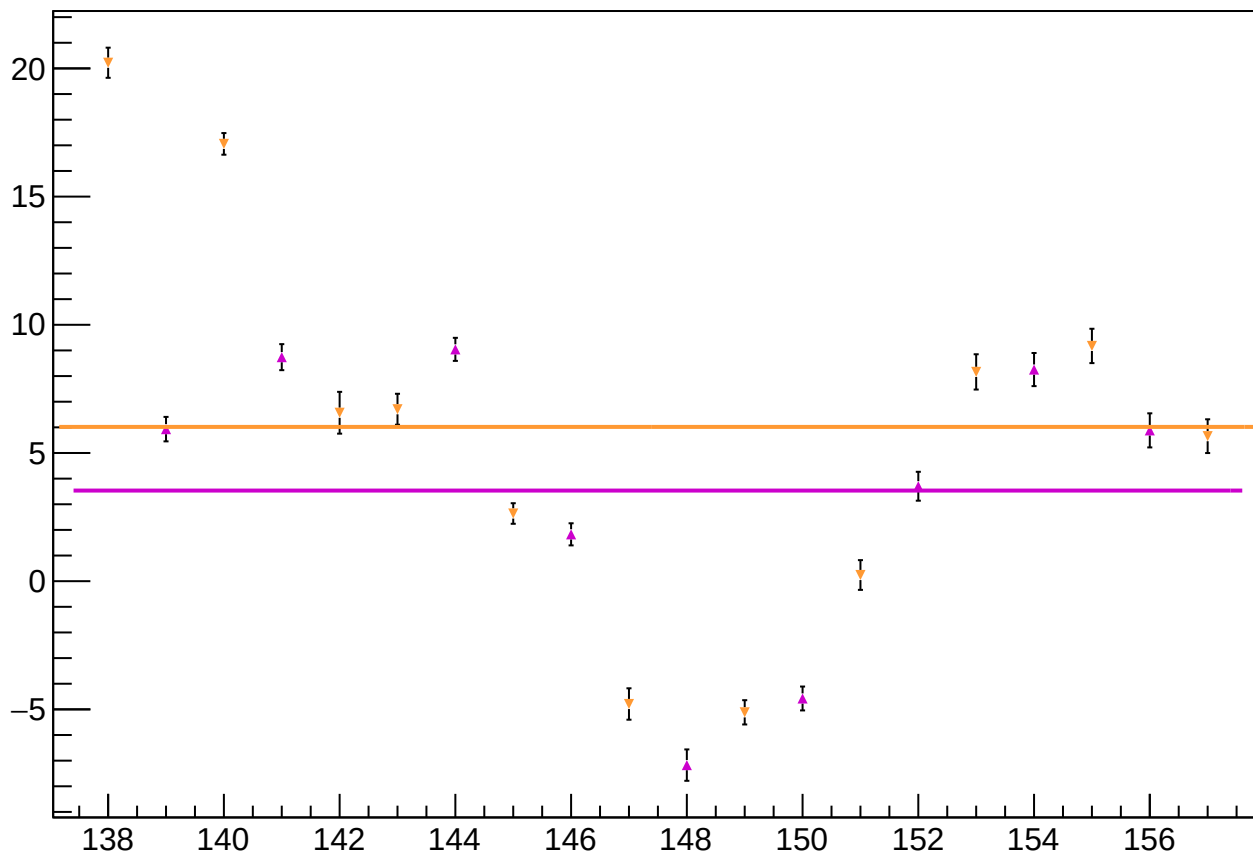
Left In: 0.291 ± 0.014 χ^2/NDF : 12.0/8

+ sign 0.165 ± 0.012 χ^2/NDF : 777.7/27

All: 0.156 ± 0.009 χ^2/NDF : 2011.7/55

- sign 0.146 ± 0.012 χ^2/NDF : 1232.8/27

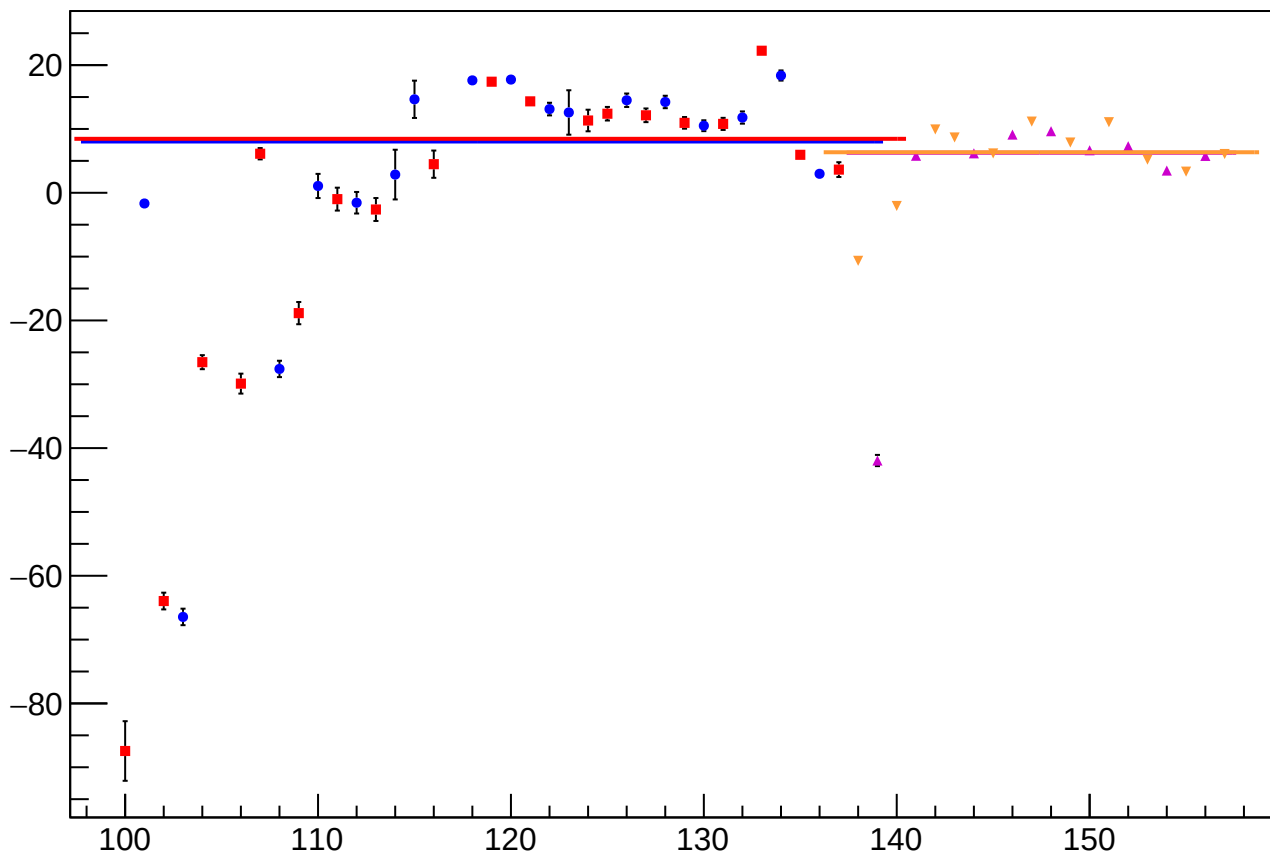
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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: 3.534 $\pm$ 0.172 χ^2 /NDF:971.2/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.812 $\pm$ 0.120 χ^2 /NDF: 3413.7/19
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: 6.350 ± 0.116 χ^2/NDF : 1997.2/10

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

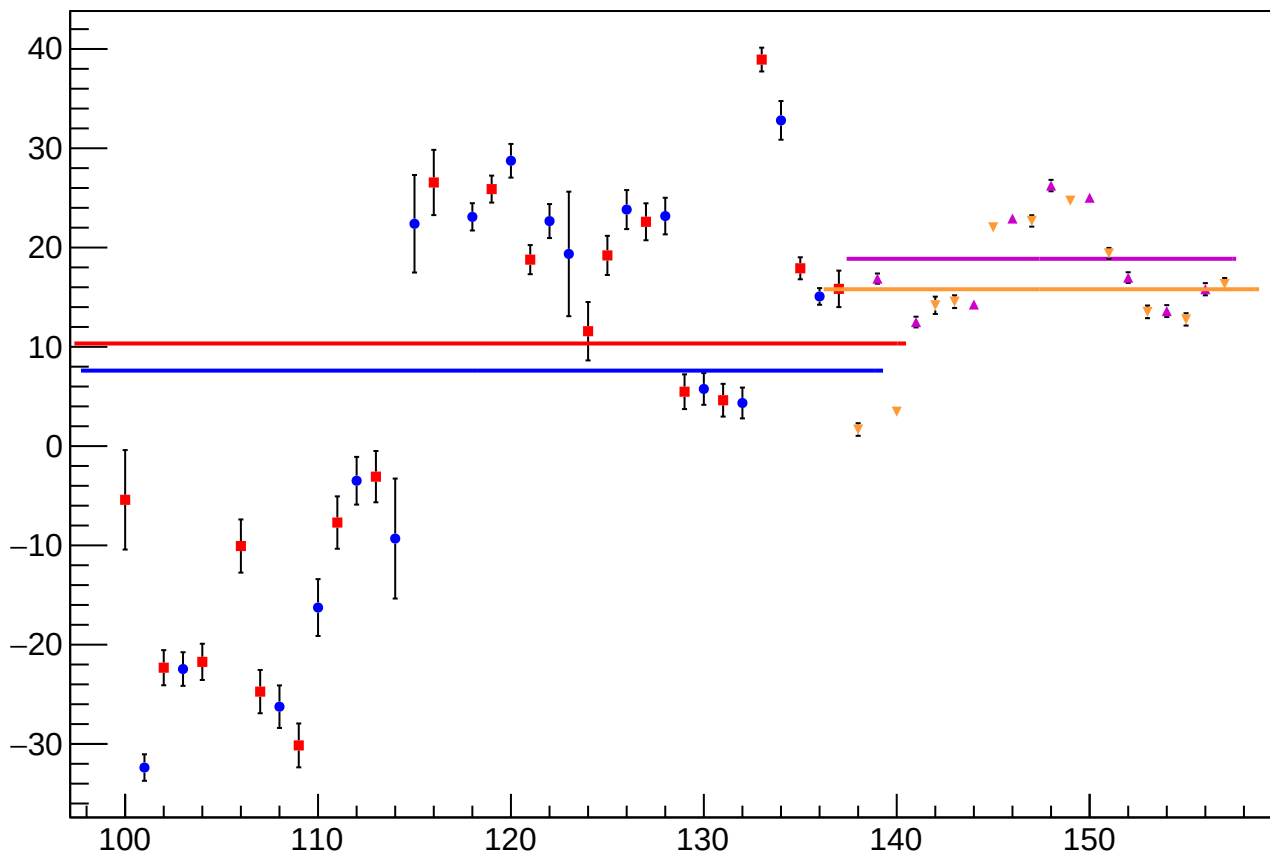
Left In: 6.274 ± 0.121 χ^2/NDF : 3285.5/8

+ sign 6.731 ± 0.102 χ^2/NDF : 7414.1/27

All: 6.768 ± 0.073 χ^2/NDF : 17483.2/55

- sign 6.807 ± 0.105 χ^2/NDF : 10068.8/27

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

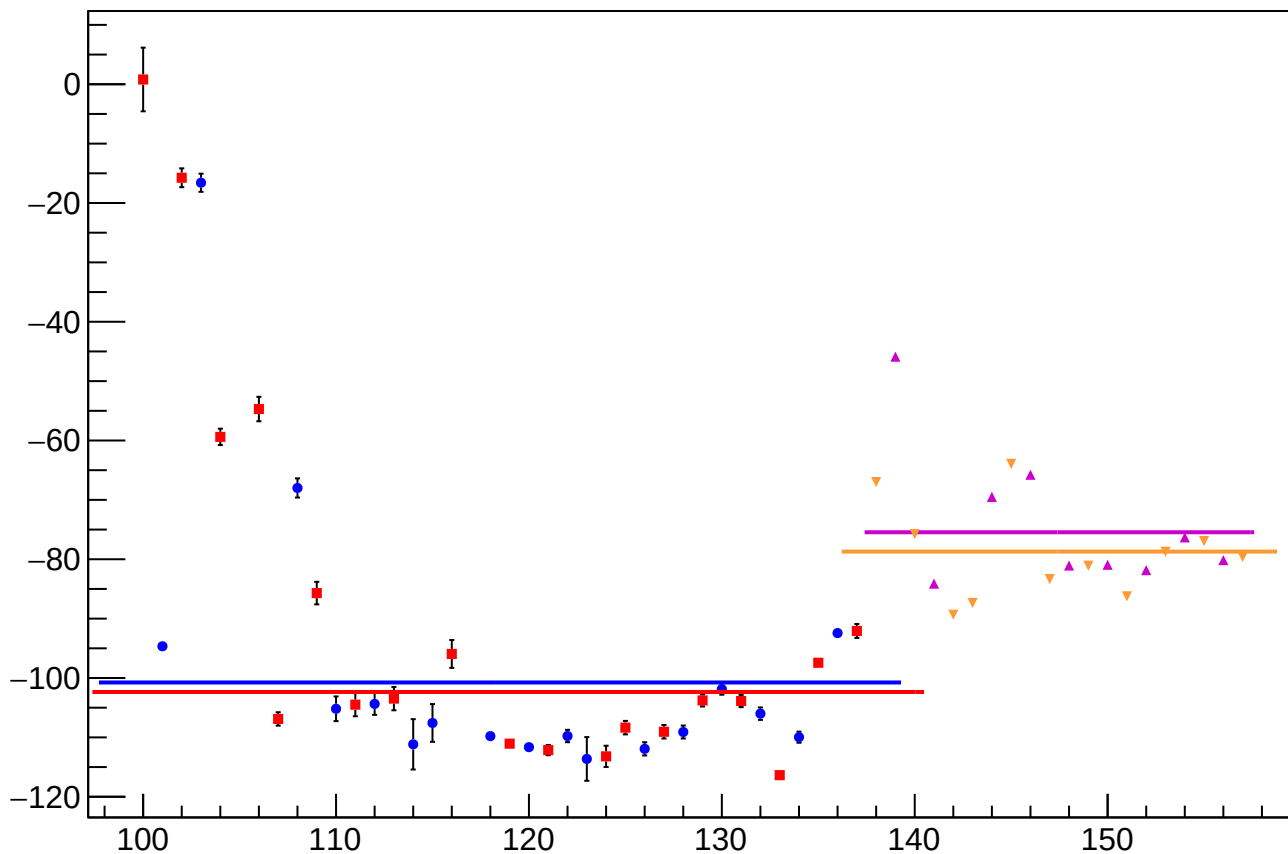
Left In: 18.866 ± 0.170 χ^2/NDF : 820.1/8

+ sign 14.661 ± 0.155 χ^2/NDF : 4755.6/27

All: 16.128 ± 0.111 χ^2/NDF : 8399.1/55

- sign 17.645 ± 0.158 χ^2/NDF : 3461.2/27

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -78.709 ± 0.141 $\chi^2/\text{NDF}: 2935.1/10$

Right Out: -102.354 ± 0.246 $\chi^2/\text{NDF}: 6078.9/18$

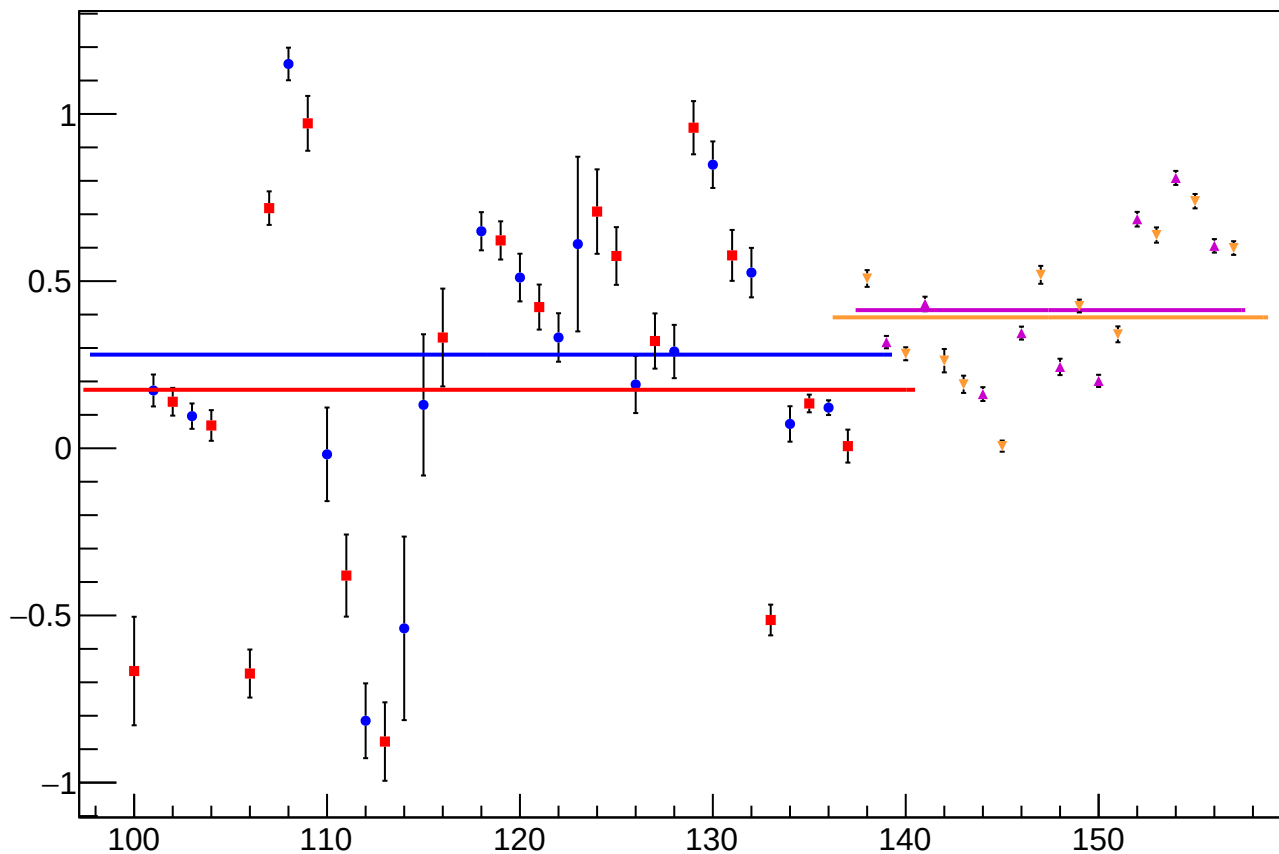
Left In: -75.453 ± 0.146 $\chi^2/\text{NDF}: 3299.7/8$

+ sign -84.089 ± 0.123 $\chi^2/\text{NDF}: 13430.0/27$

All: -83.303 ± 0.088 $\chi^2/\text{NDF}: 31713.7/55$

- sign -82.475 ± 0.126 $\chi^2/\text{NDF}: 18199.3/27$

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

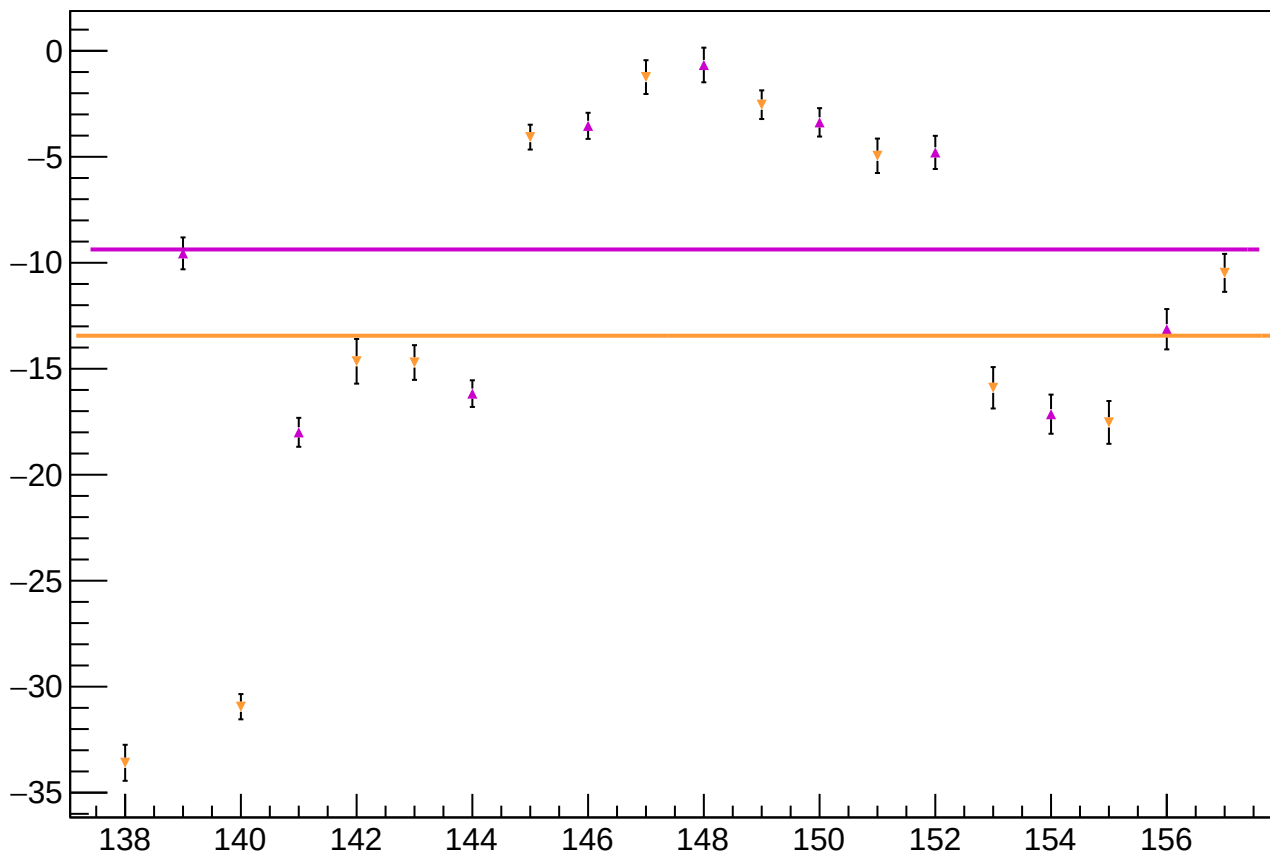
Left In: 0.413 ± 0.007 χ^2/NDF : 966.7/8

+ sign 0.370 ± 0.006 χ^2/NDF : 1881.5/27

All: 0.367 ± 0.004 χ^2/NDF : 4065.0/55

- sign 0.364 ± 0.006 χ^2/NDF : 2183.2/27

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.440+/-0.235 χ^2/NDF : 2320.6/10

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

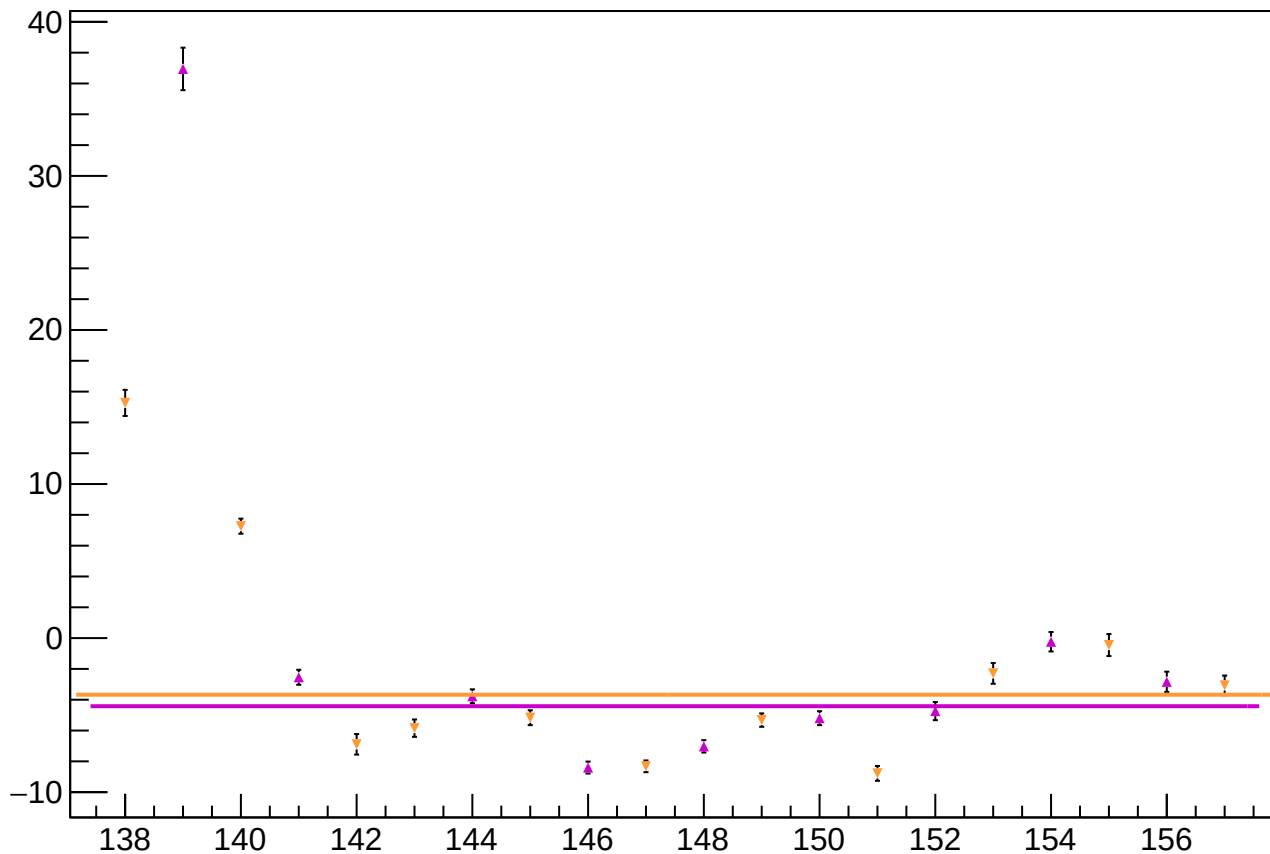
Left In: -9.372+/-0.245 χ^2/NDF : 680.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.484+/-0.170 χ^2/NDF : 3145.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.675+/-0.161 χ^2/NDF : 1349.2/10

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

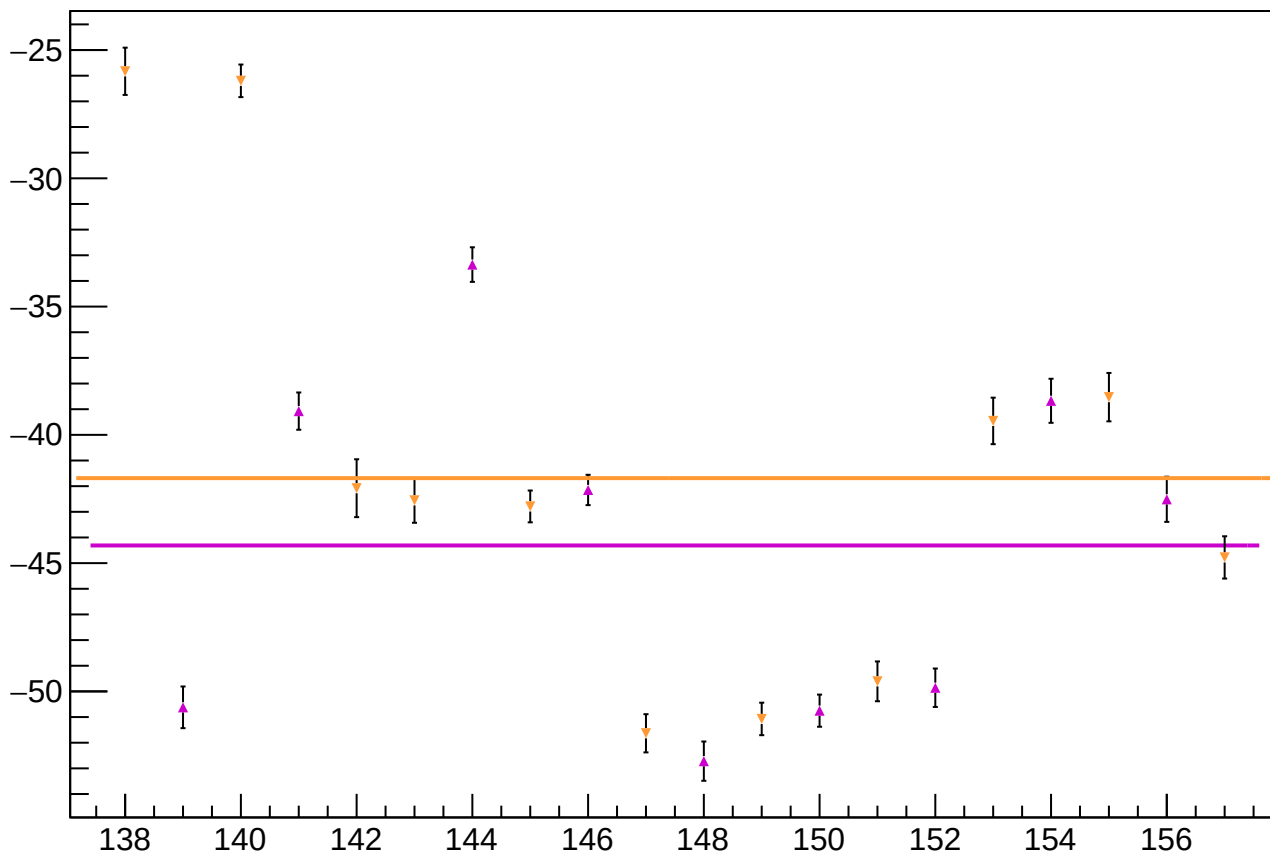
Left In: -4.421+/-0.169 χ^2/NDF : 1116.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.032+/-0.117 χ^2/NDF : 2475.9/19

- 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

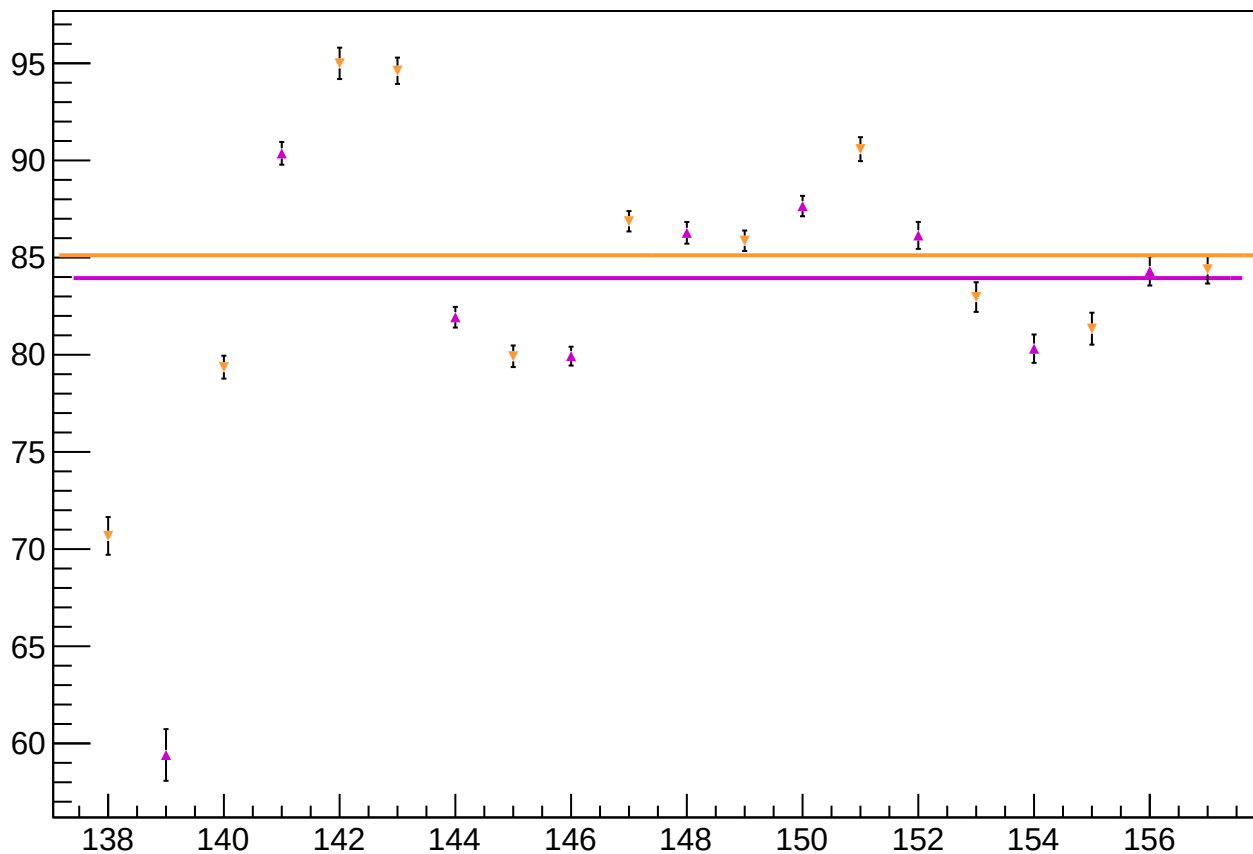
Left In: -44.311+/-0.241 χ^2/NDF : 718.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.963+/-0.168 χ^2/NDF : 2208.4/19

- 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

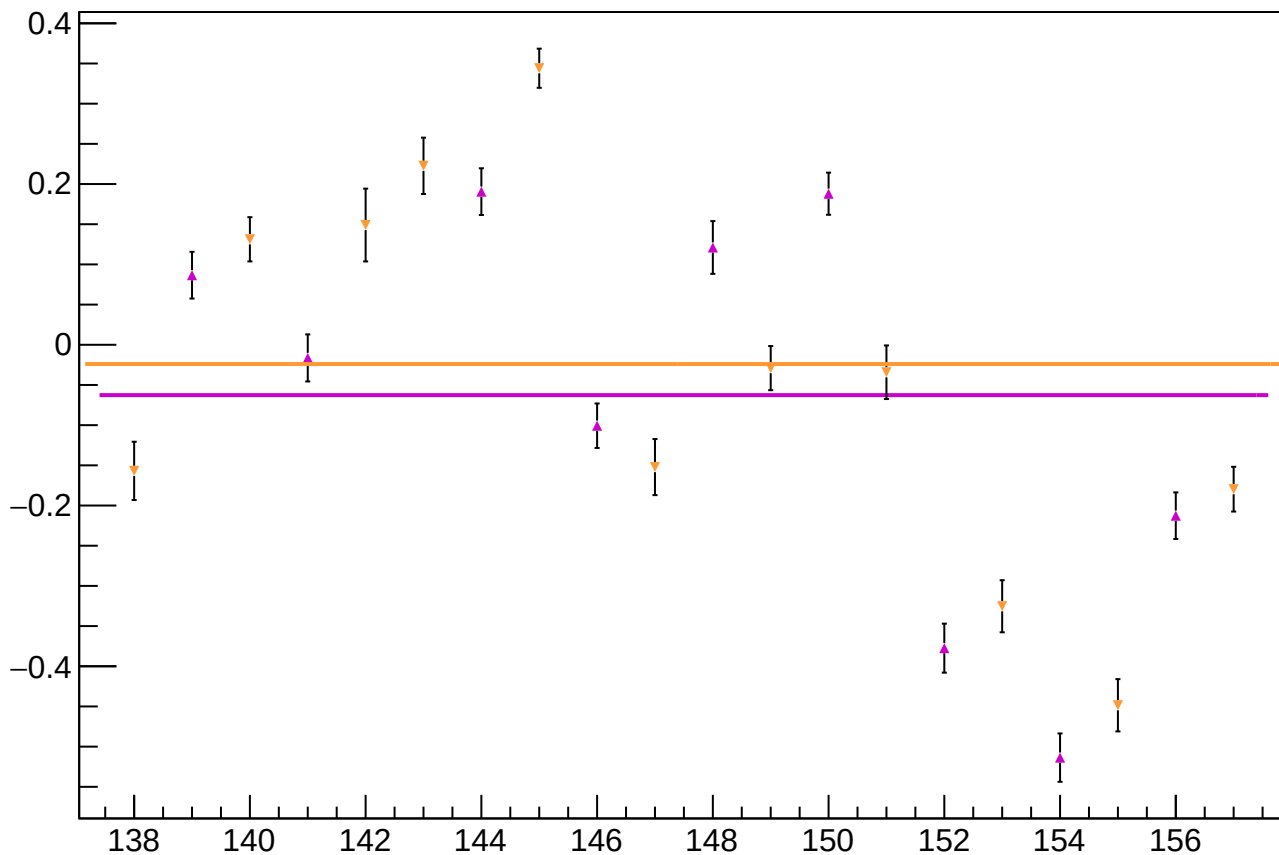
Left In: 83.945+/-0.205 χ^2/NDF : 646.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.556+/-0.142 χ^2/NDF : 1535.6/19

- 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

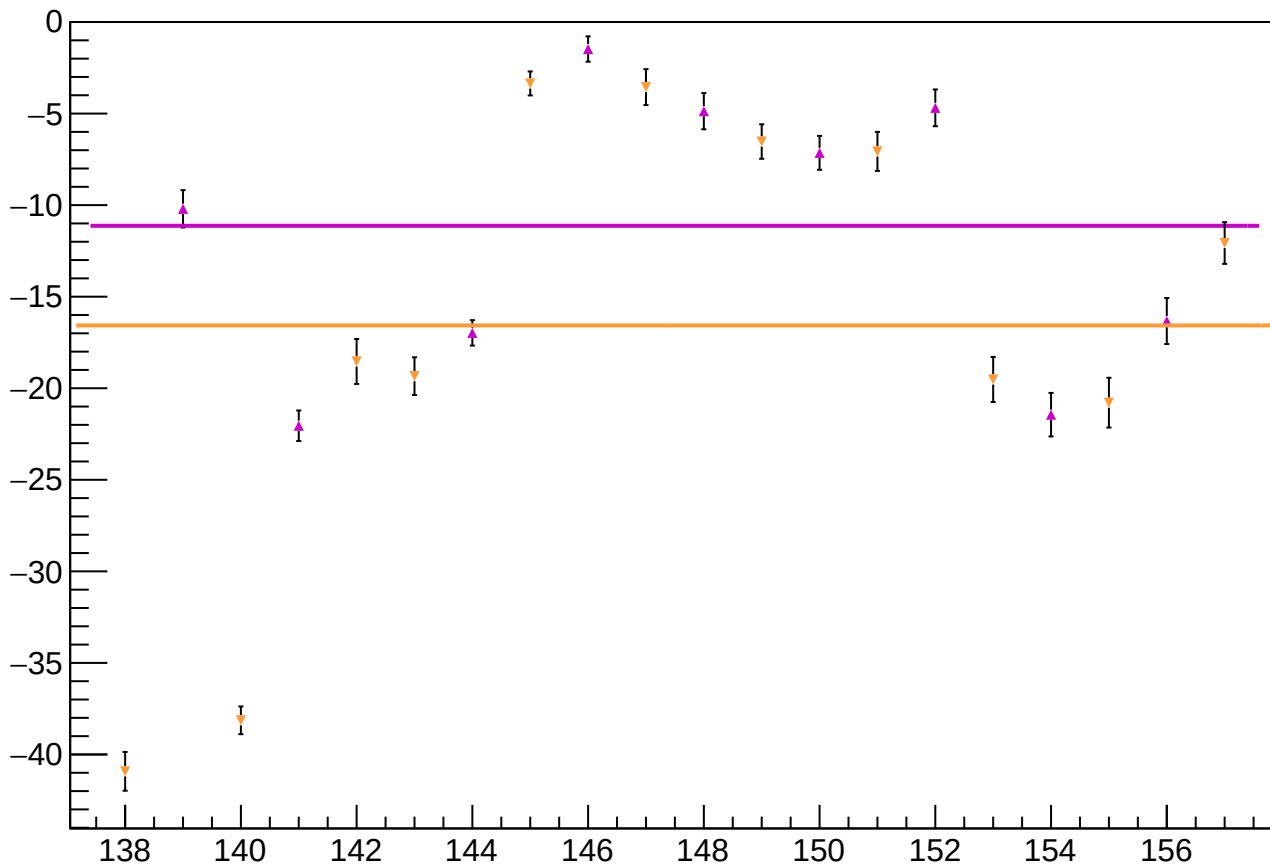
Left In: -0.063 $\pm$ 0.010 χ^2 /NDF: 587.5/8

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

All: -0.043 $\pm$ 0.007 χ^2 /NDF: 1235.3/19

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

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.571+/-0.294 χ^2/NDF : 2158.2/10

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

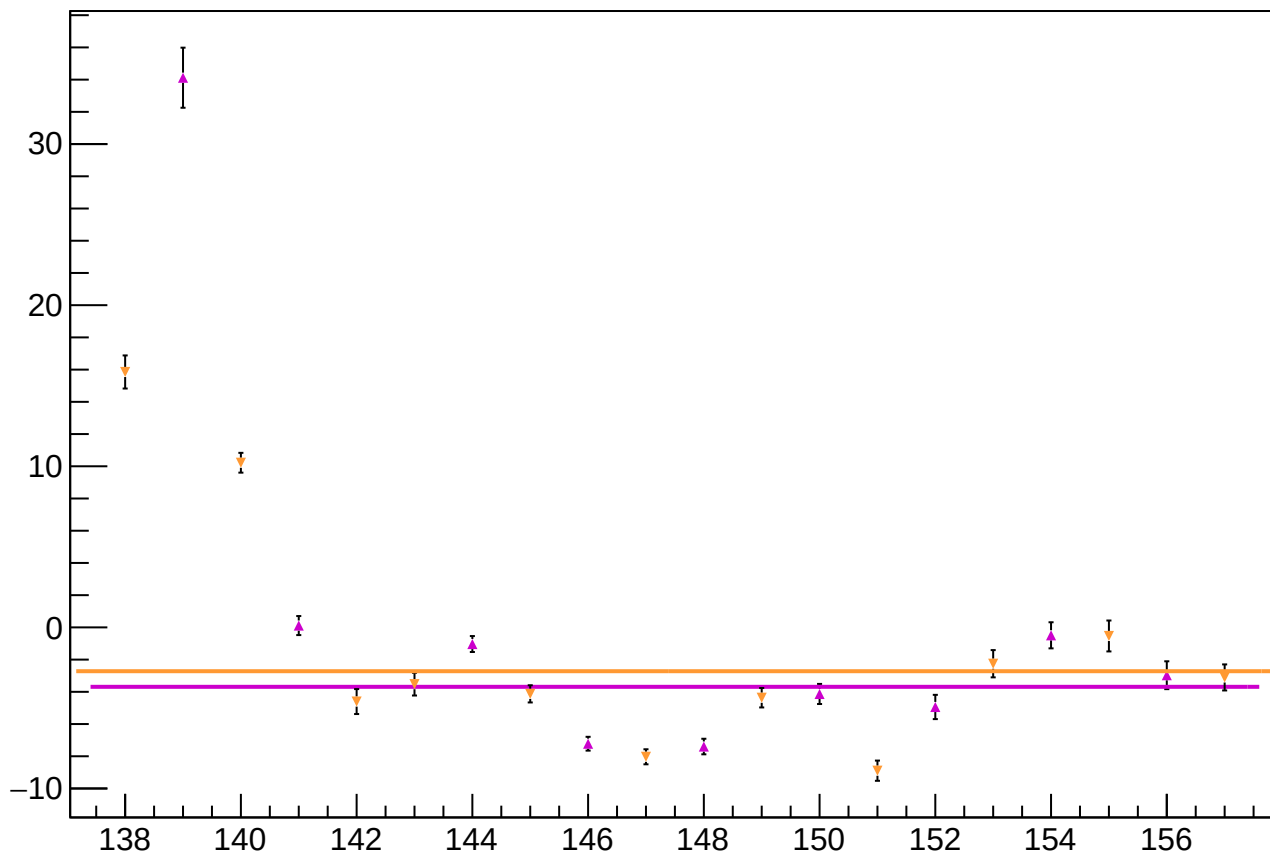
Left In: -11.128+/-0.300 χ^2/NDF : 630.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.911+/-0.210 χ^2/NDF : 2956.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.720+/-0.201 χ^2/NDF : 1024.3/10

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

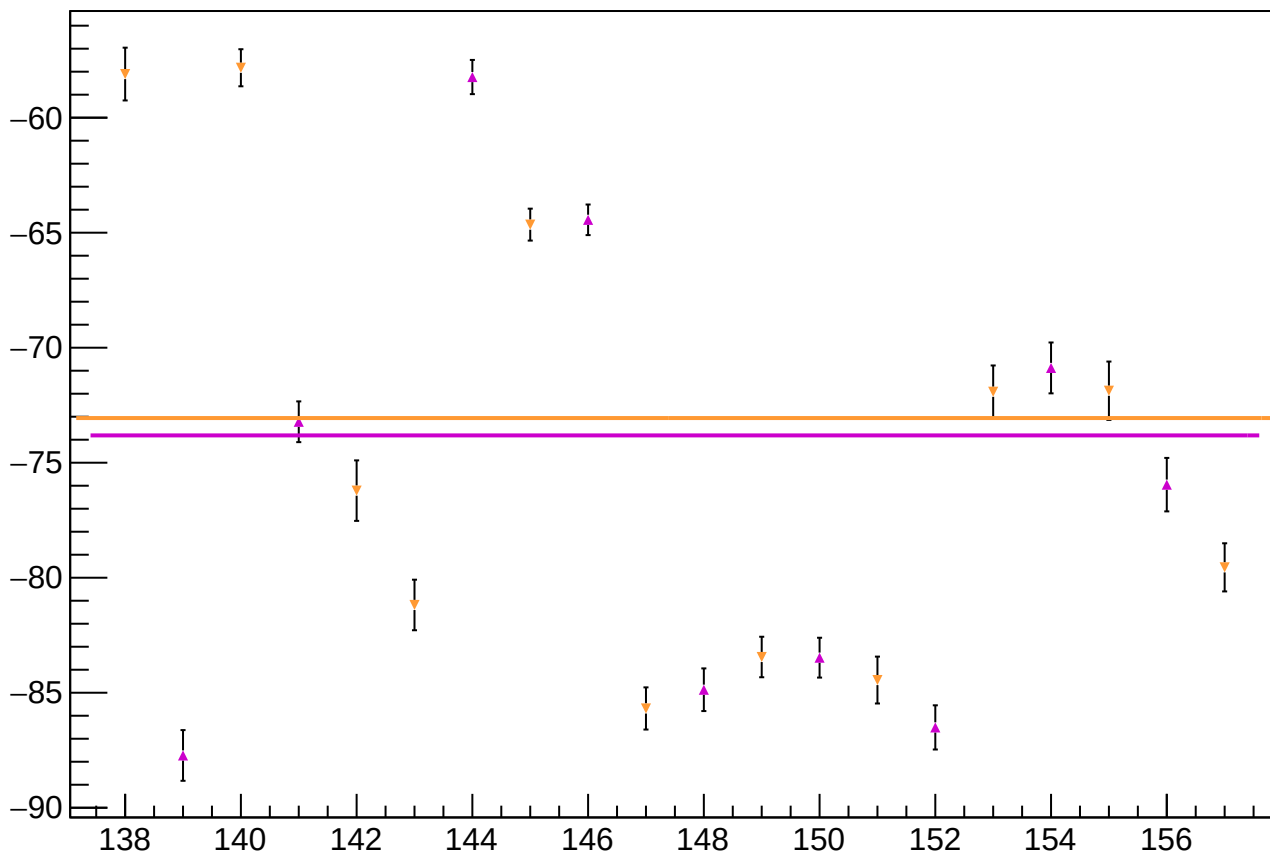
Left In: -3.689+/-0.203 χ^2/NDF : 627.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.200+/-0.143 χ^2/NDF : 1663.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -73.058+/-0.295 χ^2/NDF :1228.4/10

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

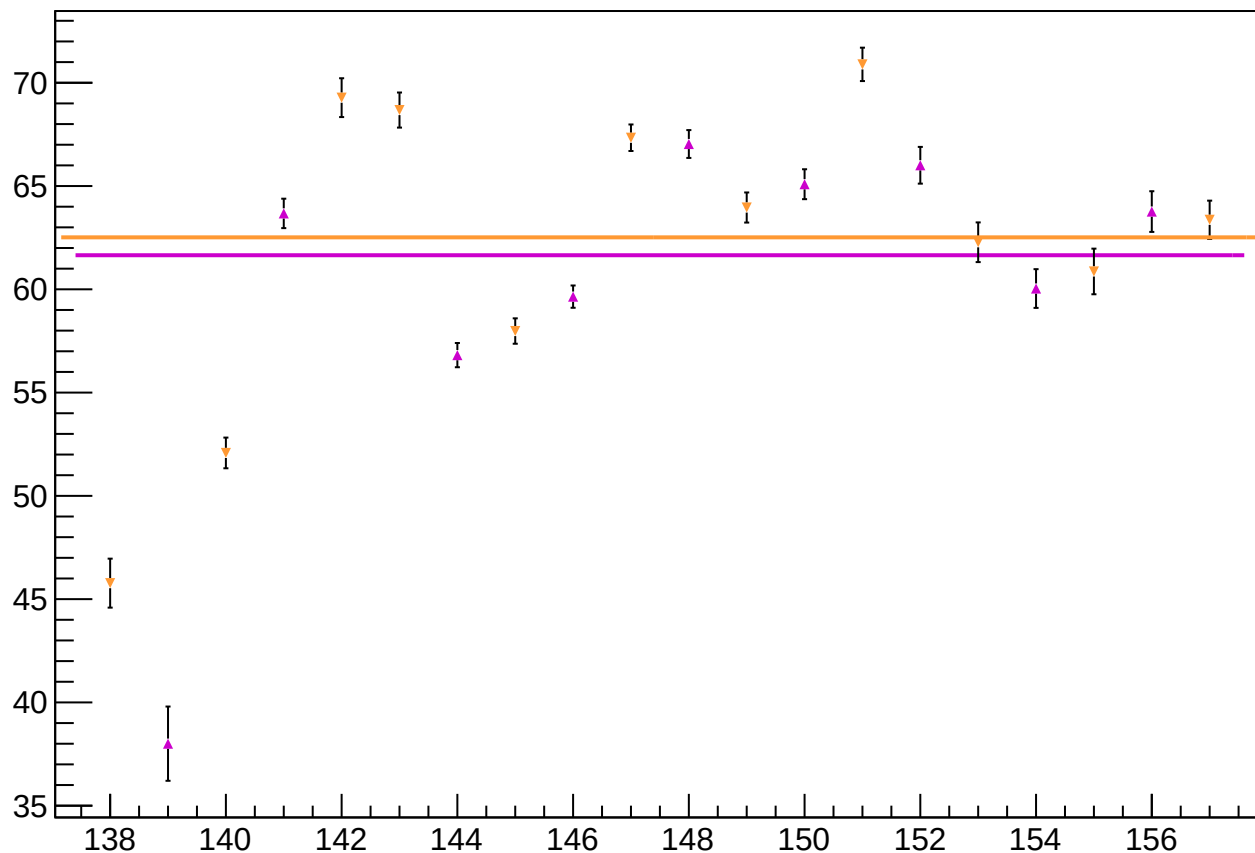
Left In: -73.813+/-0.297 χ^2/NDF :1249.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.432+/-0.209 χ^2/NDF : 2481.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 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

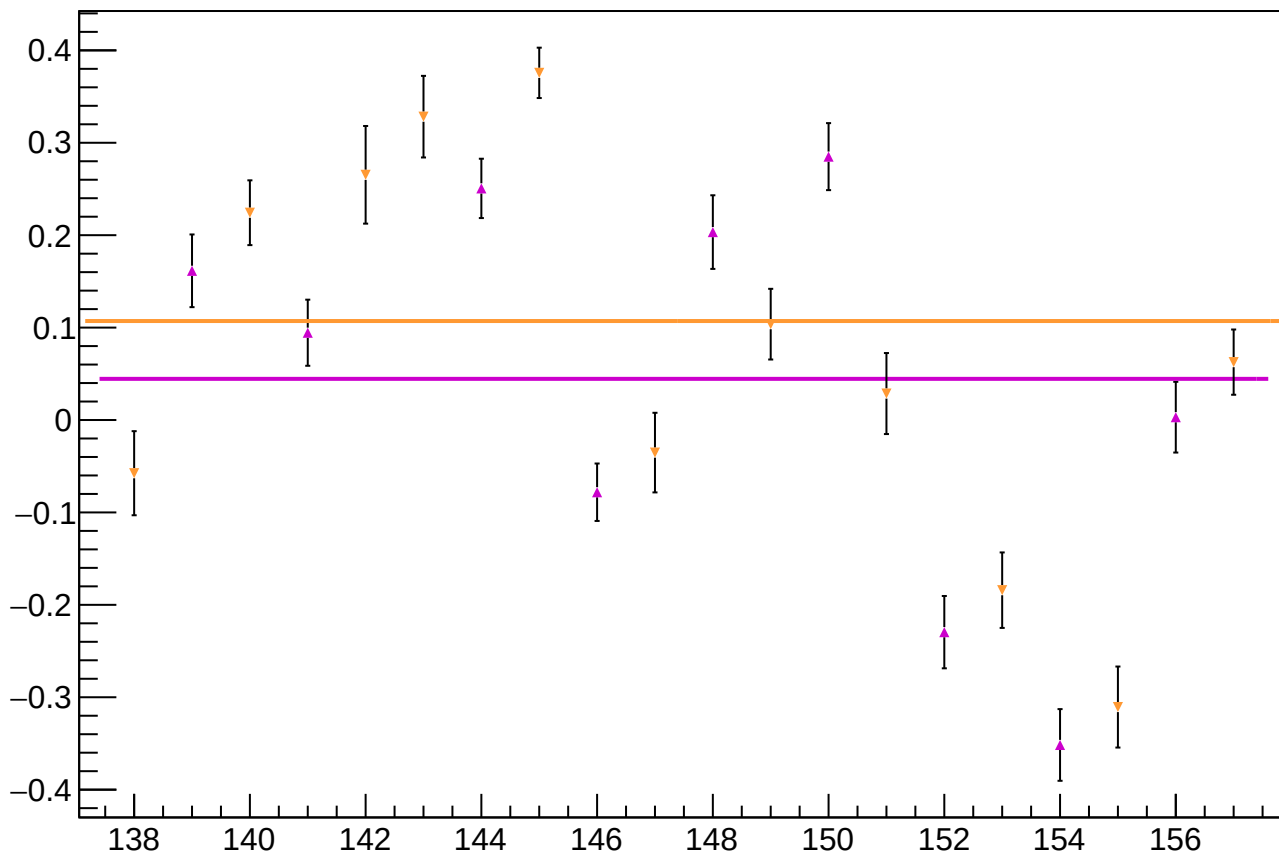
Left In: 61.650 $\pm$ 0.249 χ^2 /NDF:380.8/8

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

All: 62.089 $\pm$ 0.175 χ^2 /NDF: 1113.3/19

- 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

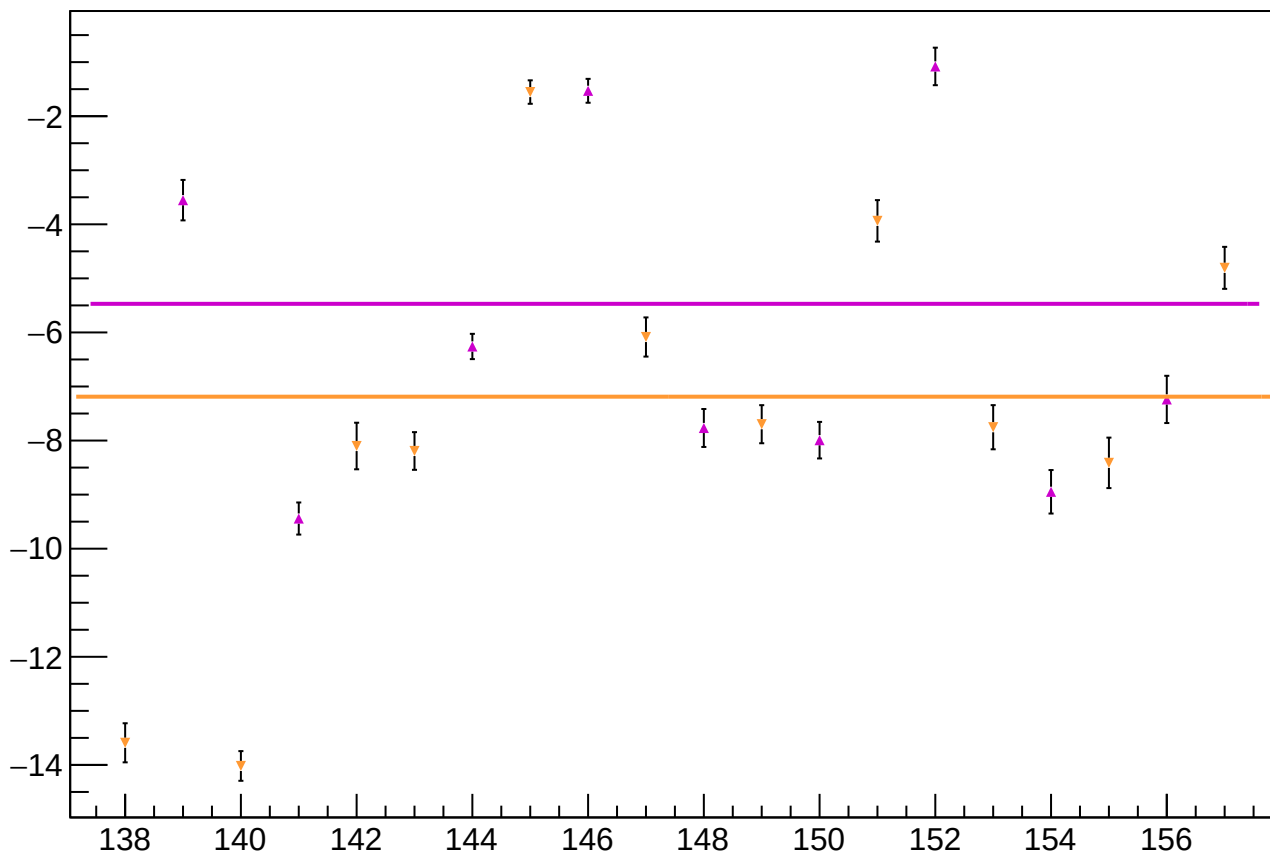
Left In: 0.045 $\pm$ 0.012 χ^2 /NDF:282.0/8

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

All: 0.077 $\pm$ 0.008 χ^2 /NDF: 608.5/19

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

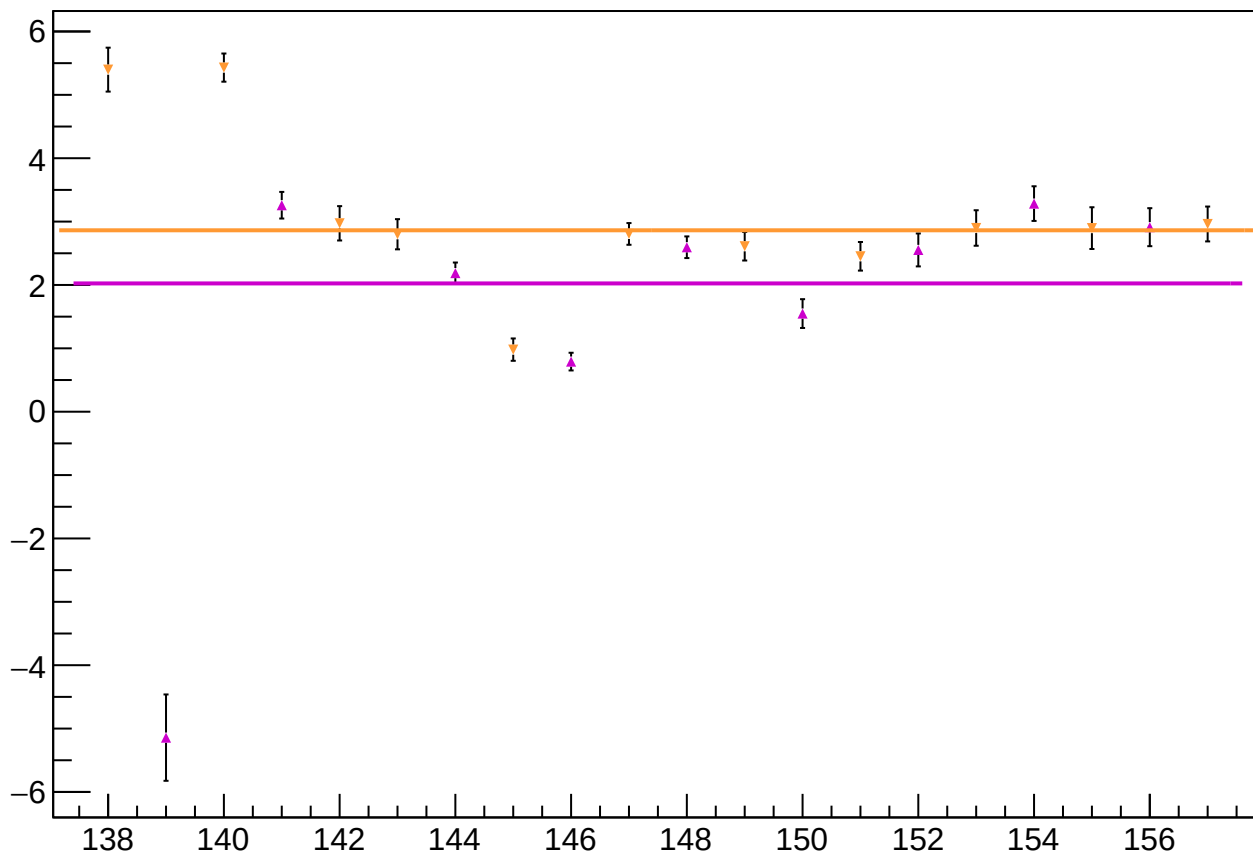
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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: -5.471+/-0.103 χ^2/NDF : 884.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.337+/-0.073 χ^2/NDF : 2772.9/19
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

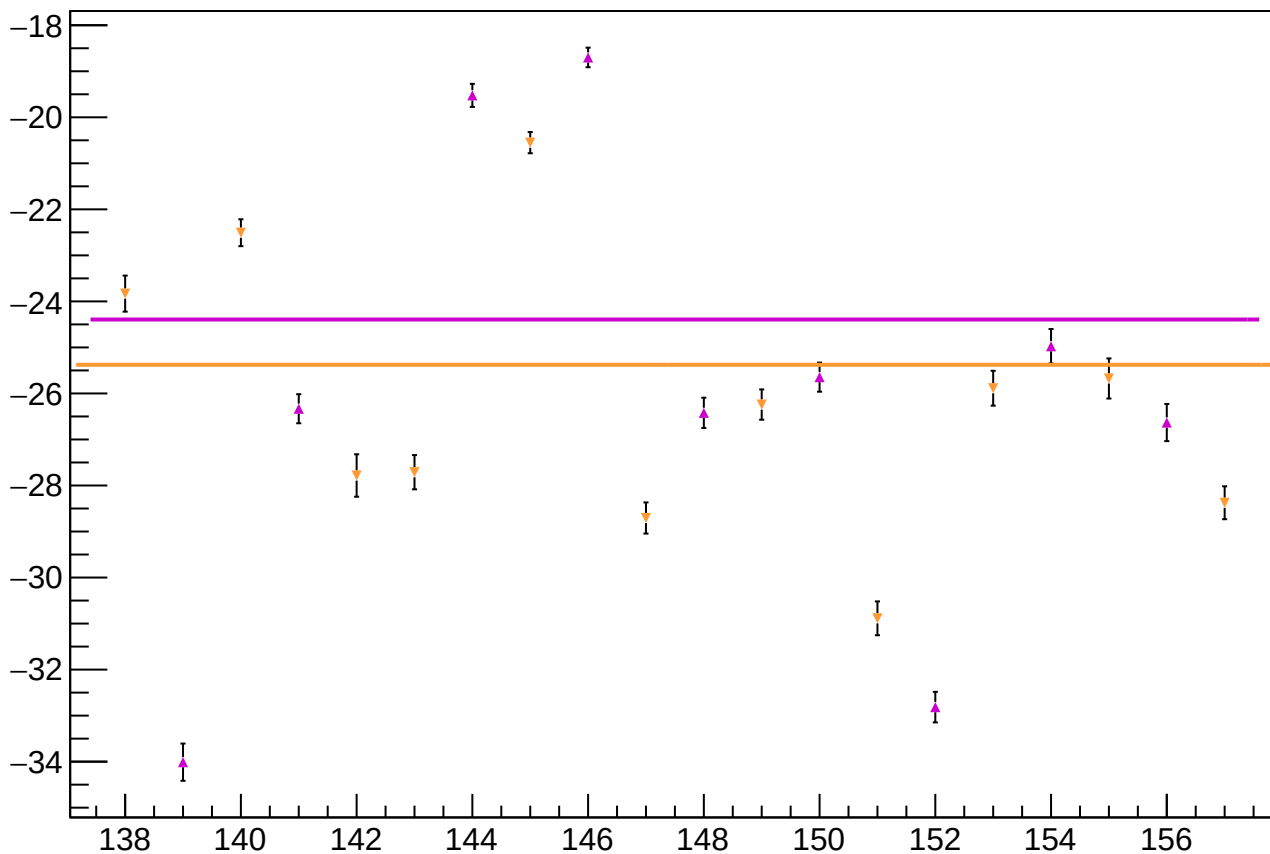
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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: 2.024 $\pm$ 0.070 χ^2 /NDF:273.9/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.439 $\pm$ 0.050 χ^2 /NDF: 651.2/19
 - 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

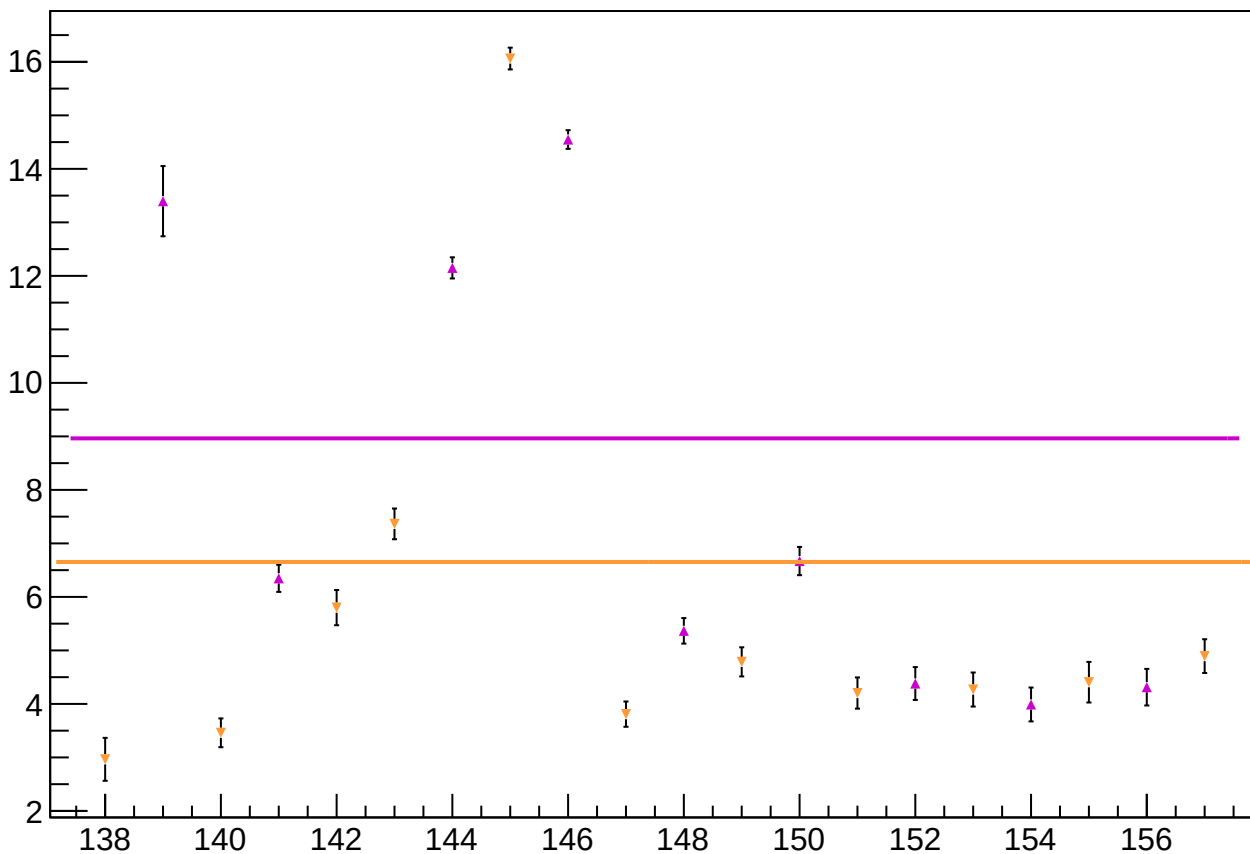
Left In: -24.393+/-0.102 χ^2/NDF :2428.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.882+/-0.073 χ^2/NDF : 3493.1/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 6.653 $\pm$ 0.086 χ^2 /NDF:2766.3/10

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

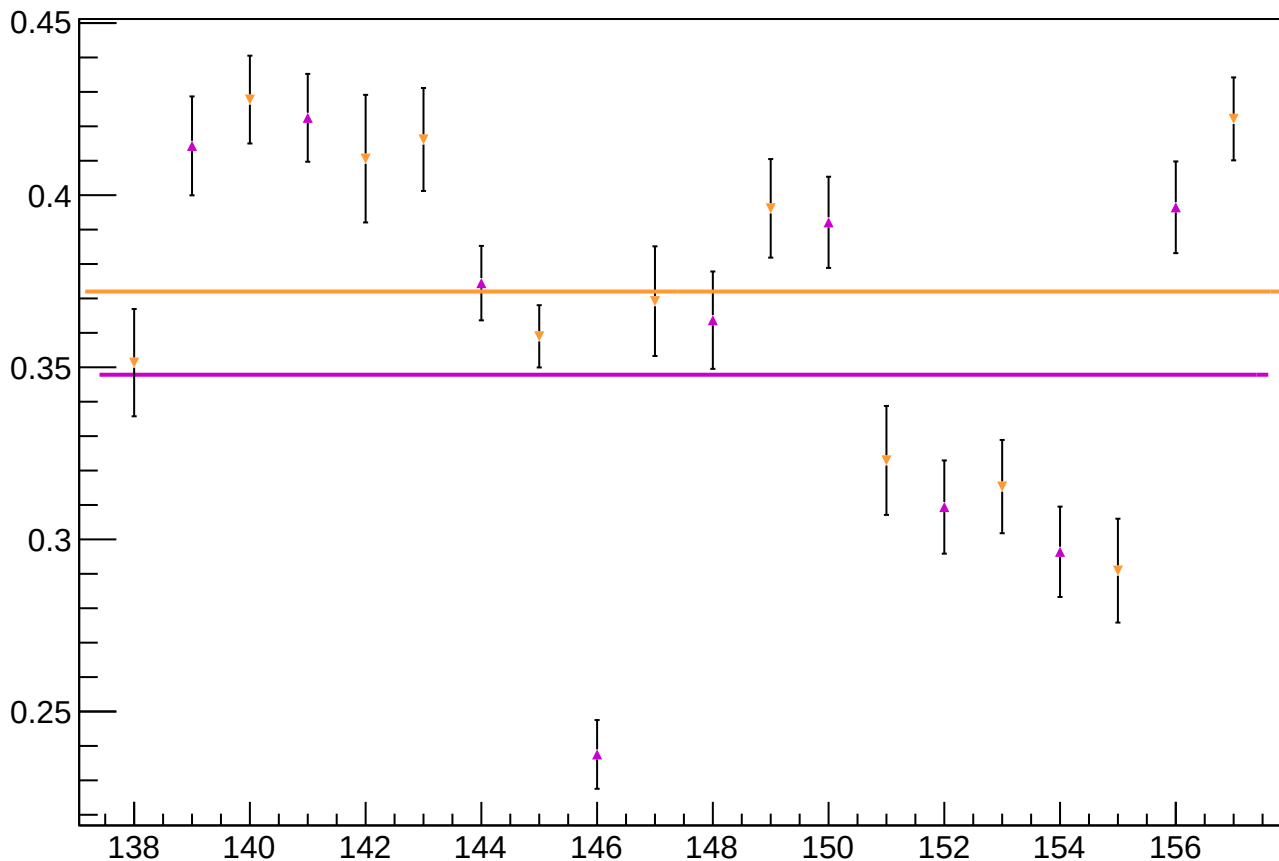
Left In: 8.963 $\pm$ 0.085 χ^2 /NDF:2387.7/8

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

All: 7.815 $\pm$ 0.061 χ^2 /NDF: 5517.8/19

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

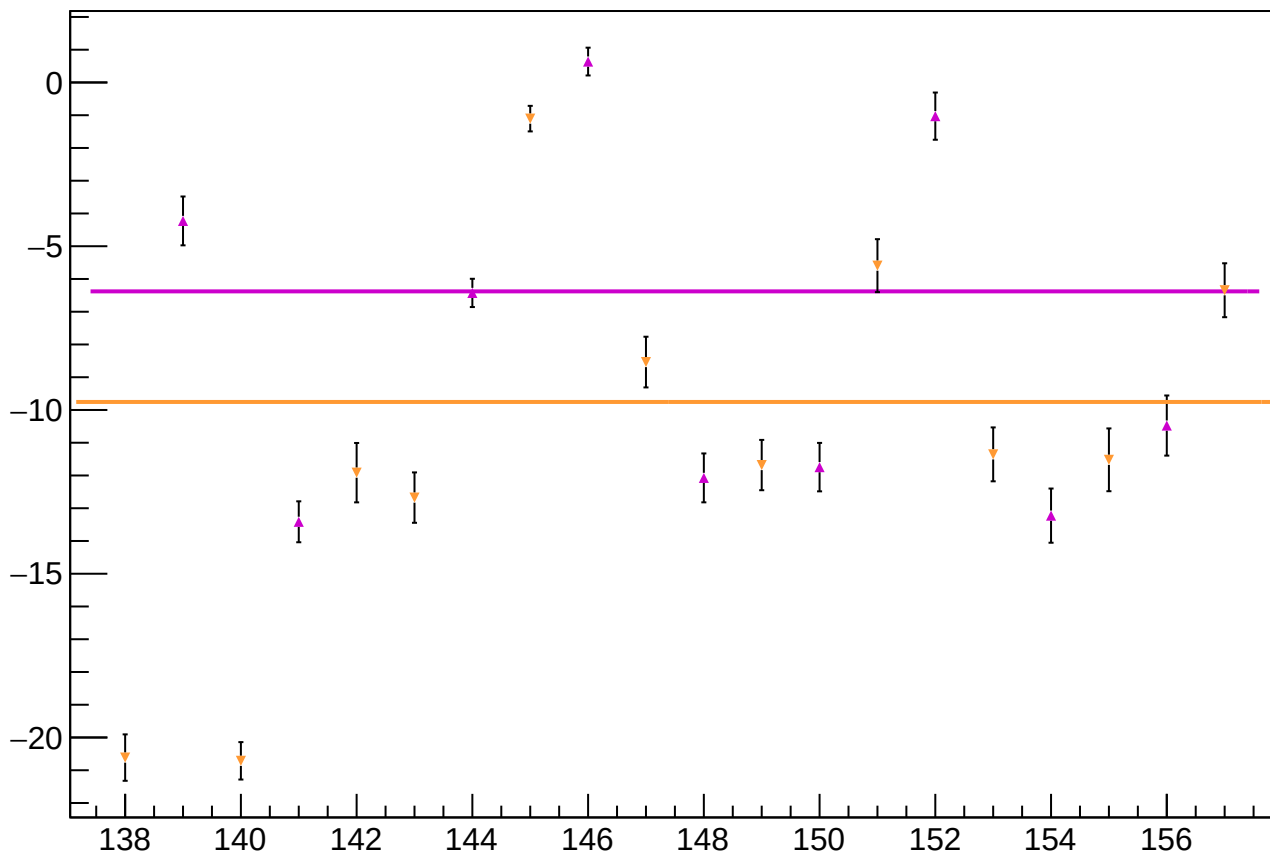
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:112.2/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.348 $\pm$ 0.004 χ^2 /NDF:232.8/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.360 $\pm$ 0.003 χ^2 /NDF: 362.0/19
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.755+/-0.206 χ^2/NDF : 1174.1/10

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

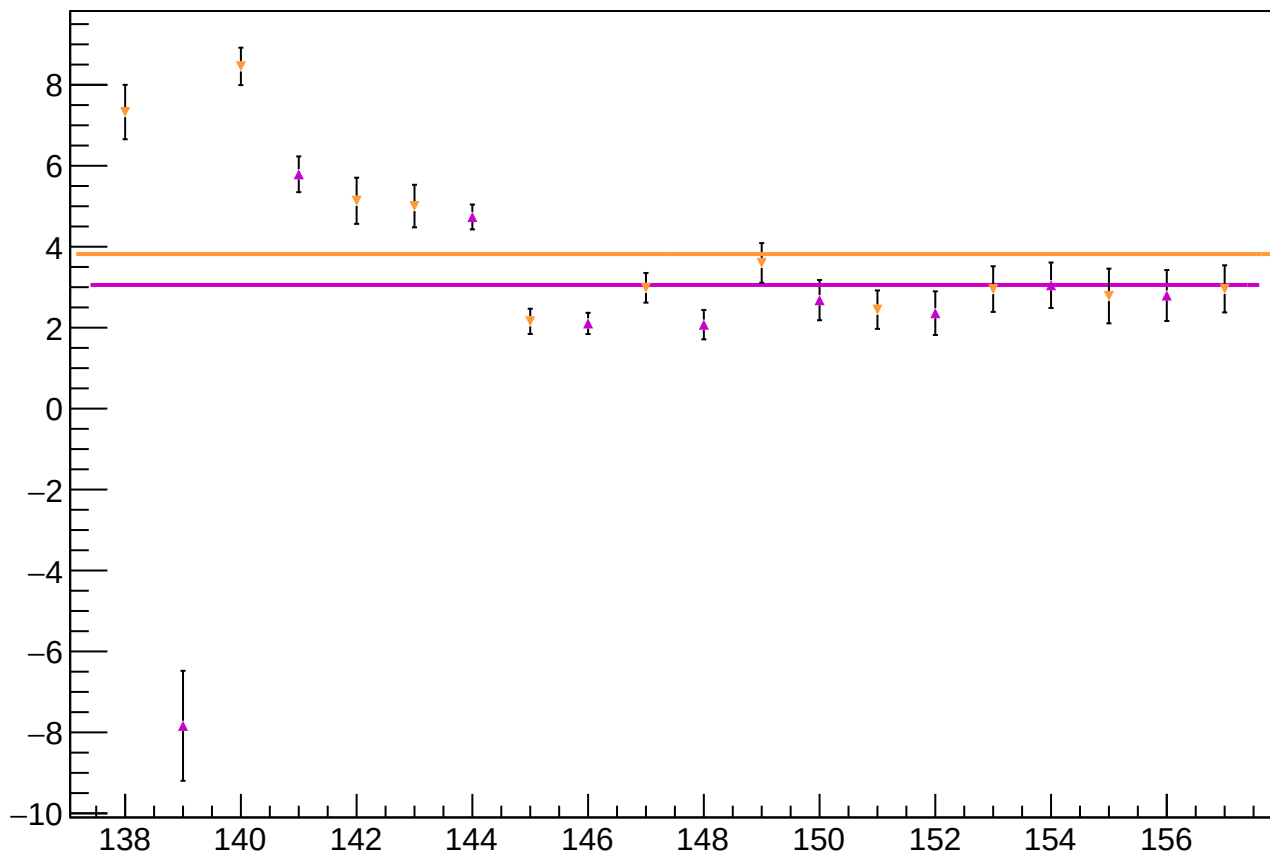
Left In: -6.379+/-0.206 χ^2/NDF : 663.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.066+/-0.146 χ^2/NDF : 1970.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-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

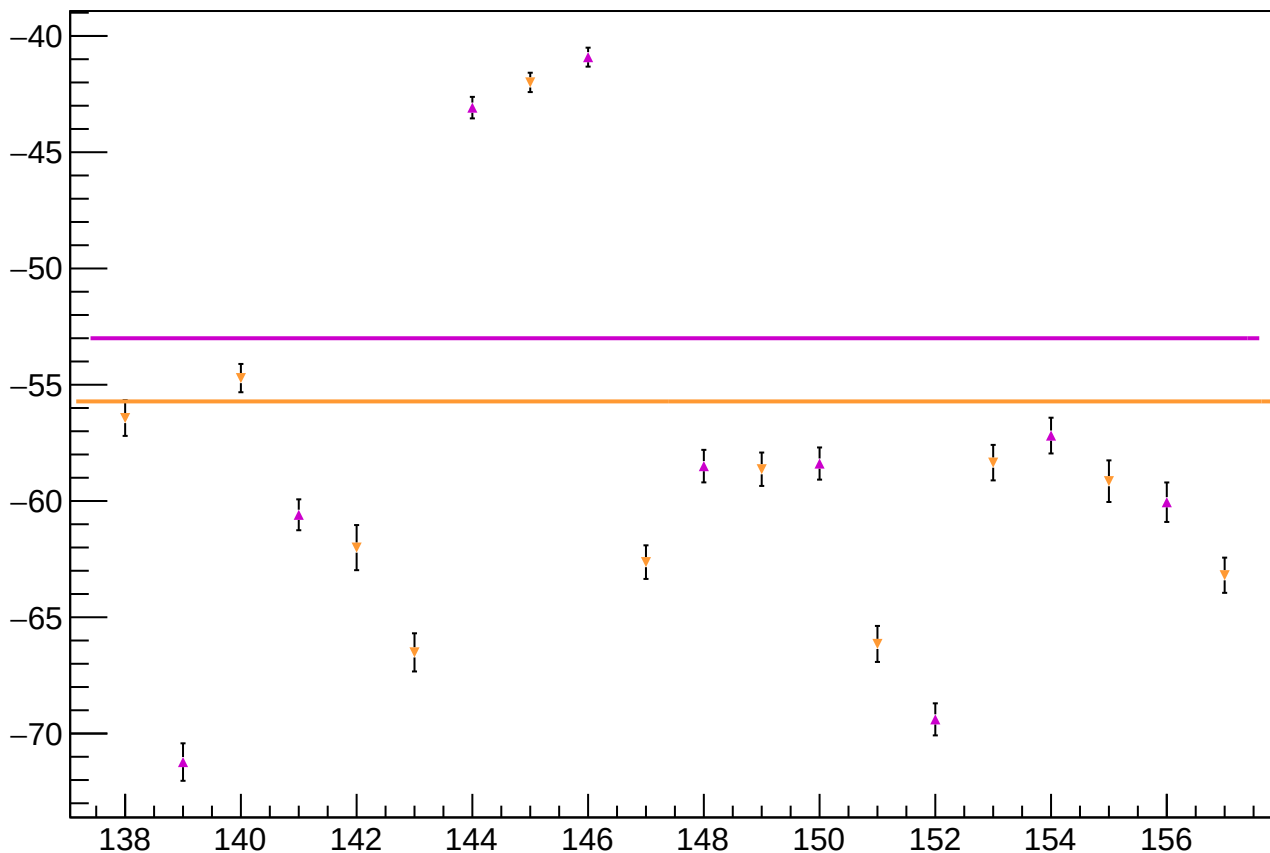
Left In: 3.055+/-0.139 χ^2/NDF :155.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.424+/-0.100 χ^2/NDF : 357.2/19

- 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

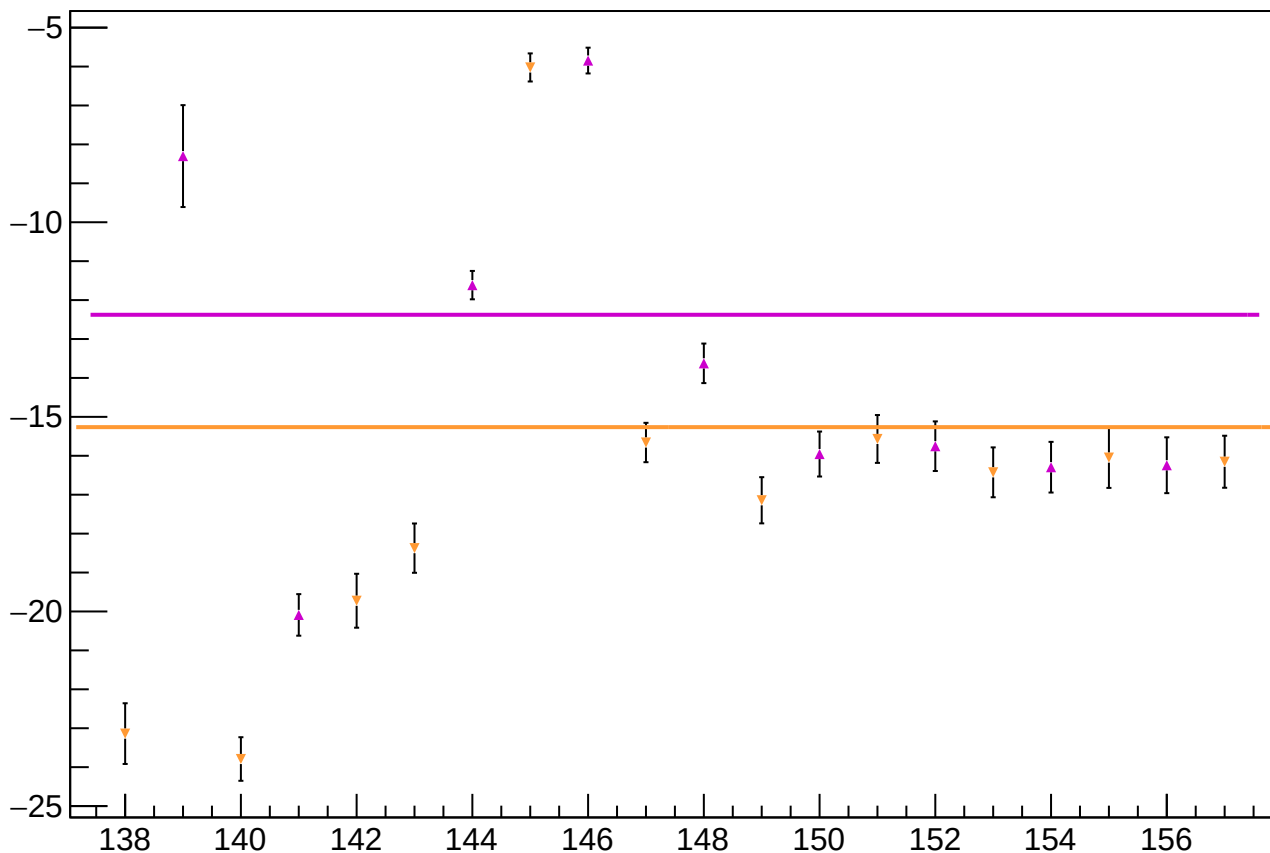
Left In: -53.000+/-0.205 χ^2/NDF : 2766.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.334+/-0.146 χ^2/NDF : 4572.8/19

- 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

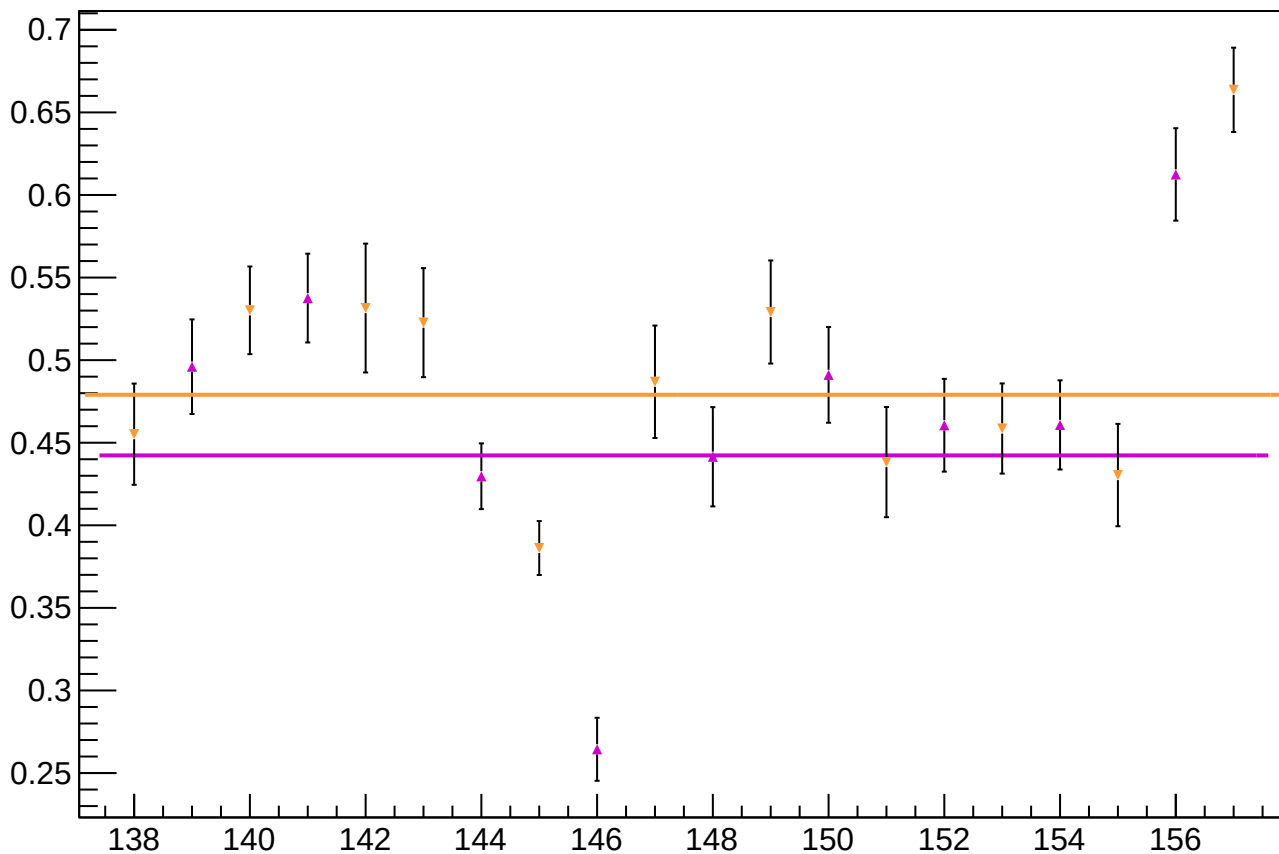
Left In: -12.377+/-0.171 χ^2/NDF : 749.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.787+/-0.122 χ^2/NDF : 1961.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

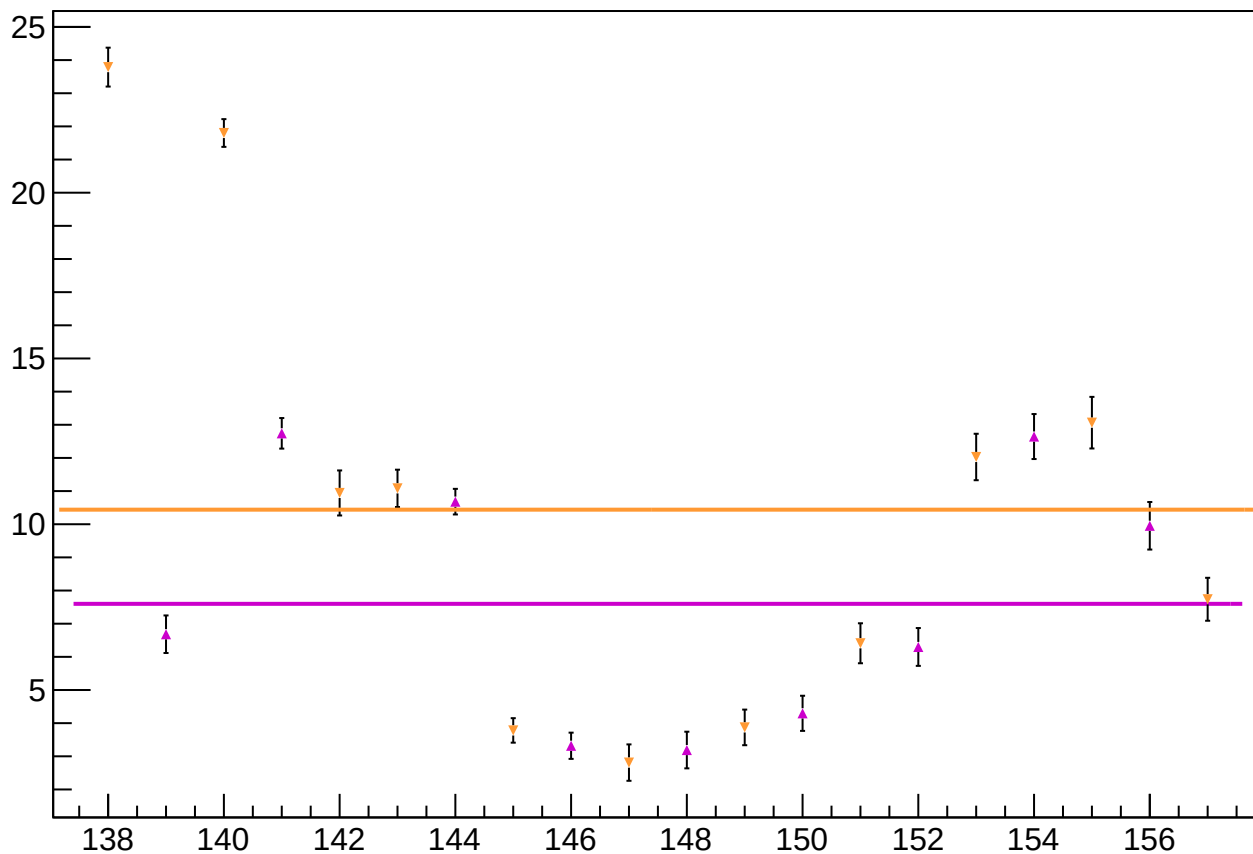
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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: 0.442 $\pm$ 0.008 χ^2 /NDF:144.1/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.461 $\pm$ 0.006 χ^2 /NDF: 253.4/19
 - 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

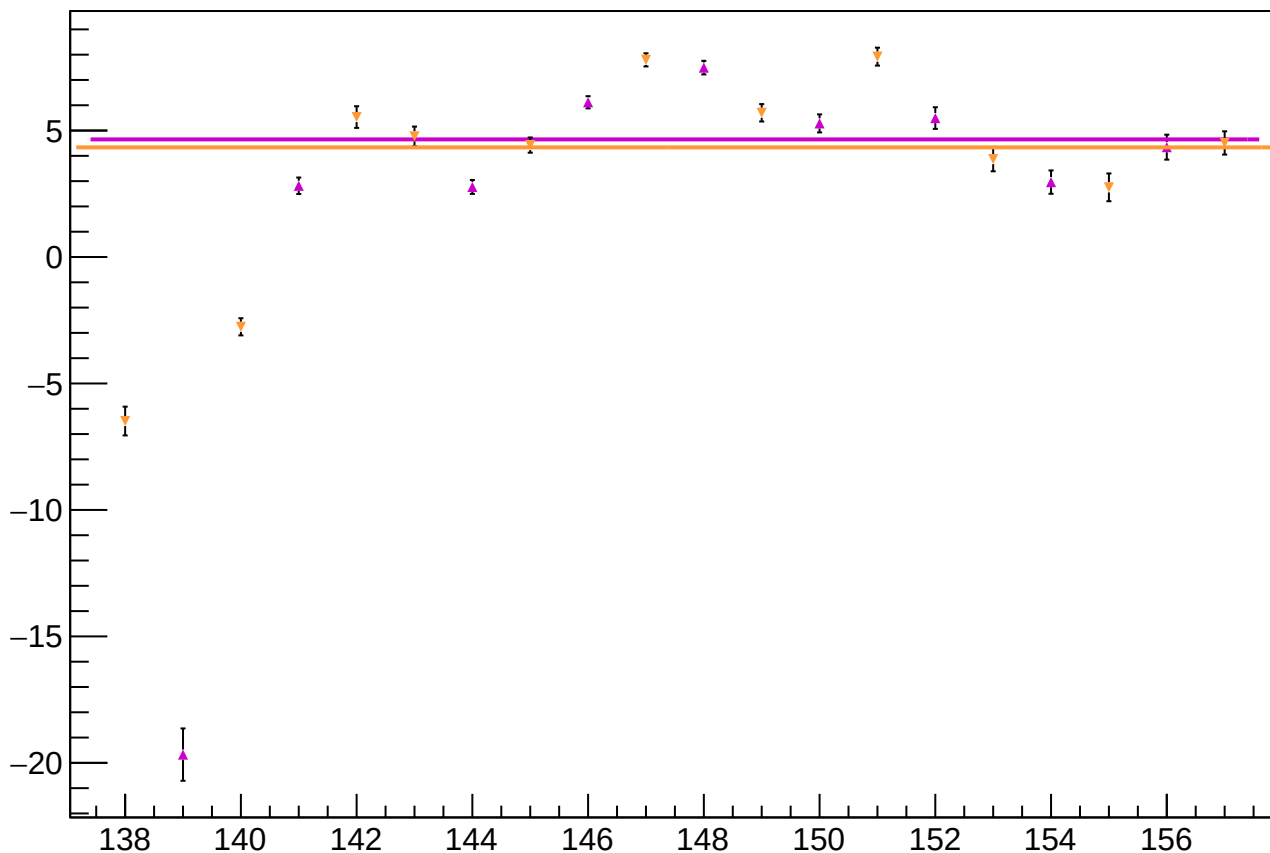
Left In: 7.599+/-0.169 χ^2/NDF :481.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.058+/-0.118 χ^2/NDF : 2629.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

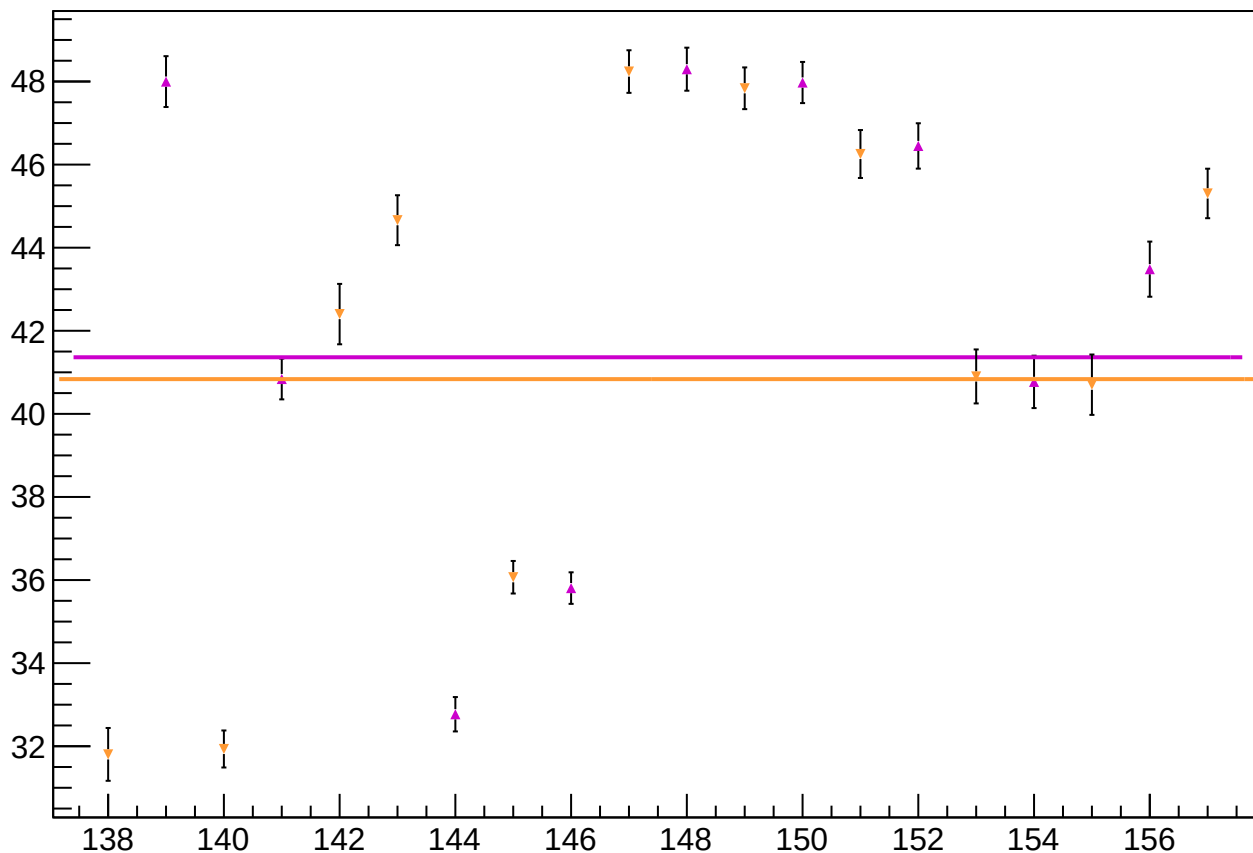
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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: 4.650 +/- 0.114 χ^2/NDF : 798.7/8

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: 4.491 +/- 0.080 χ^2/NDF : 1913.0/19
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 40.836 $\pm$ 0.165 χ^2 /NDF:1342.0/10

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

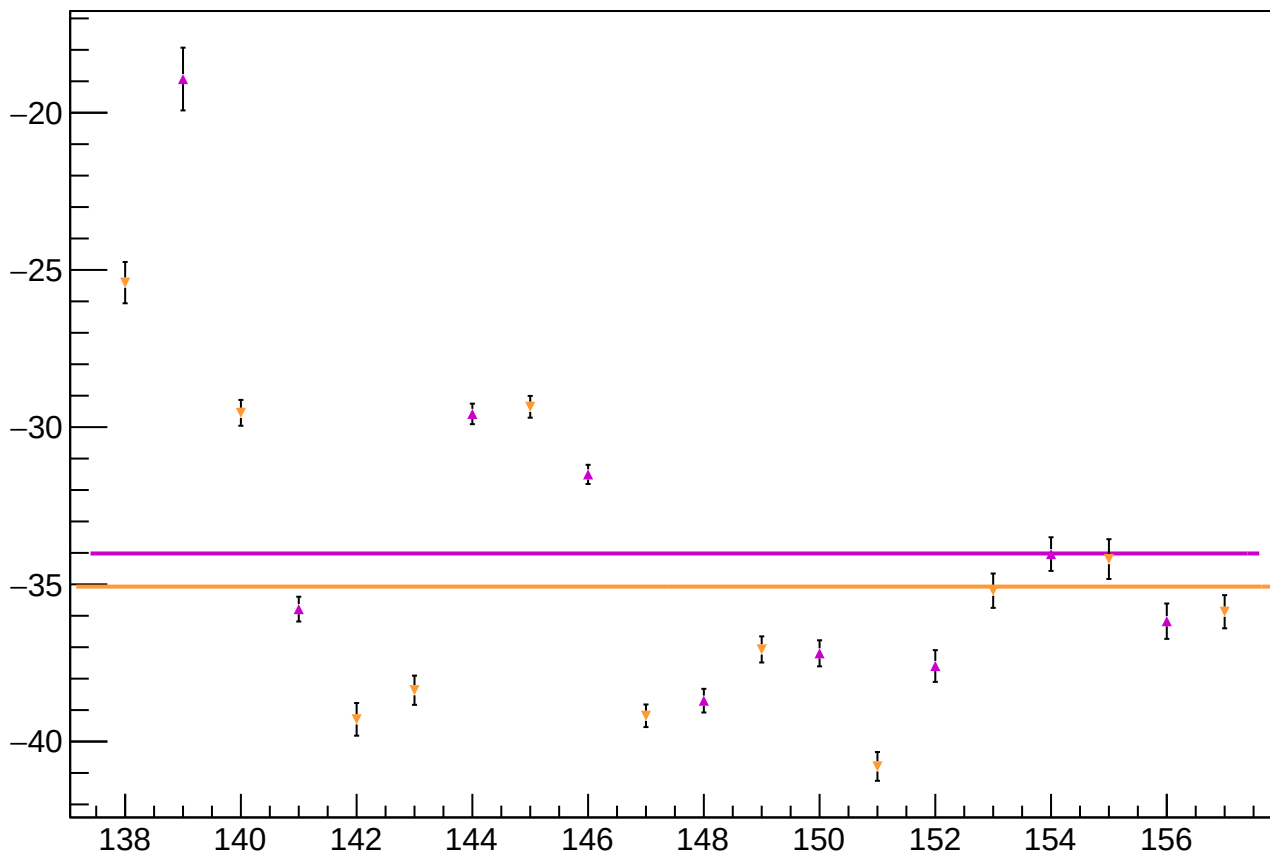
Left In: 41.362 $\pm$ 0.168 χ^2 /NDF:1219.2/8

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

All: 41.096 $\pm$ 0.118 χ^2 /NDF: 2566.2/19

- sign 0.000 $\pm$ 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

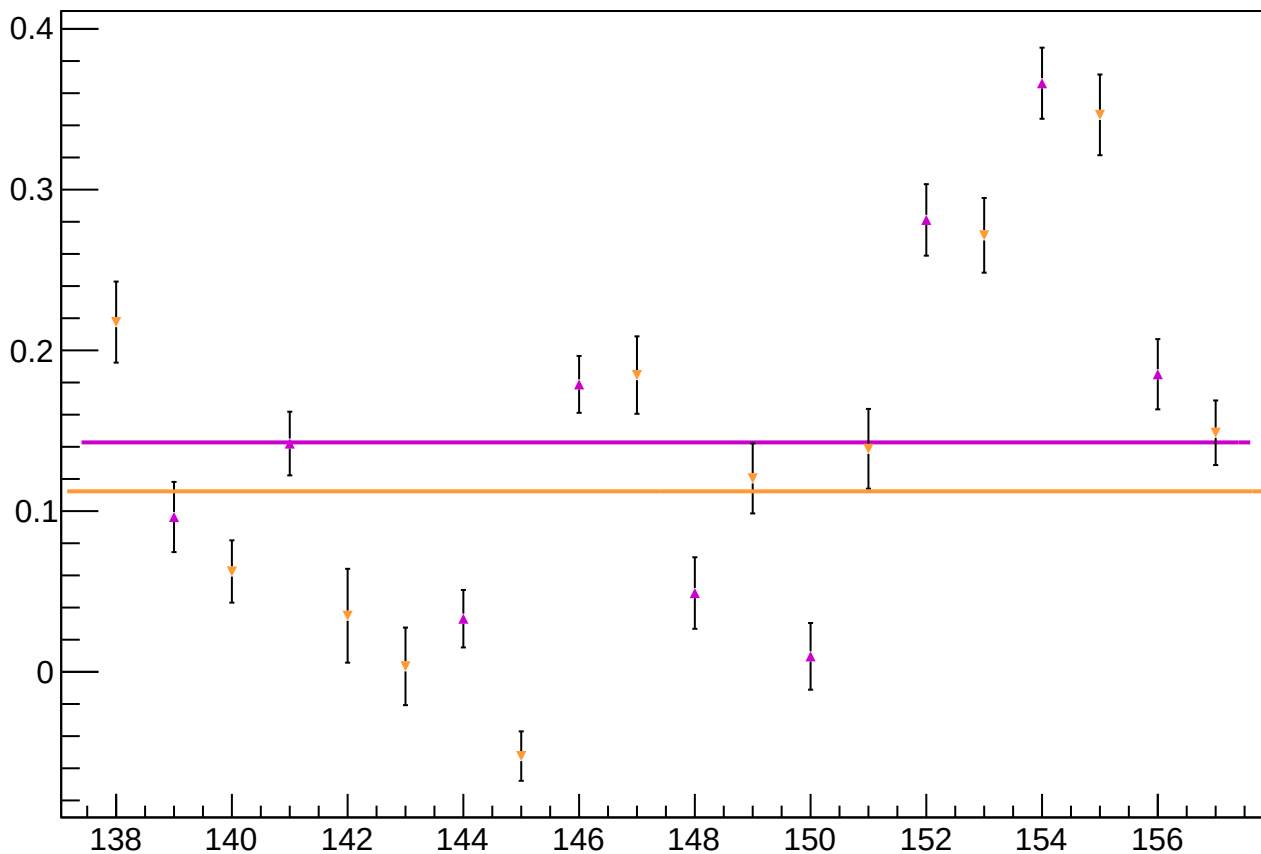
Left In: -34.018+/-0.140 χ^2/NDF : 780.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.554+/-0.098 χ^2/NDF : 1910.2/19

- 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

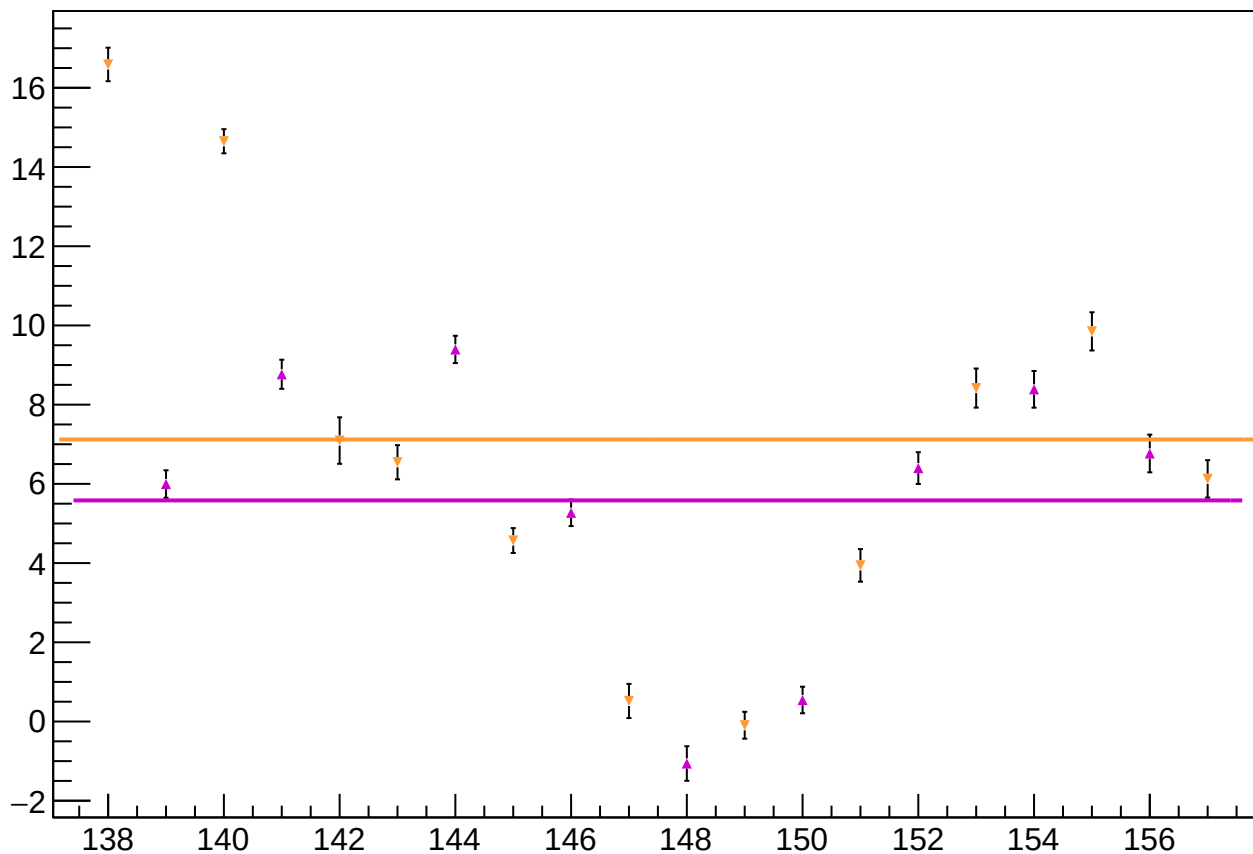
Left In: 0.143 $\pm$ 0.007 χ^2 /NDF:249.8/8

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

All: 0.127 $\pm$ 0.005 χ^2 /NDF: 573.7/19

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

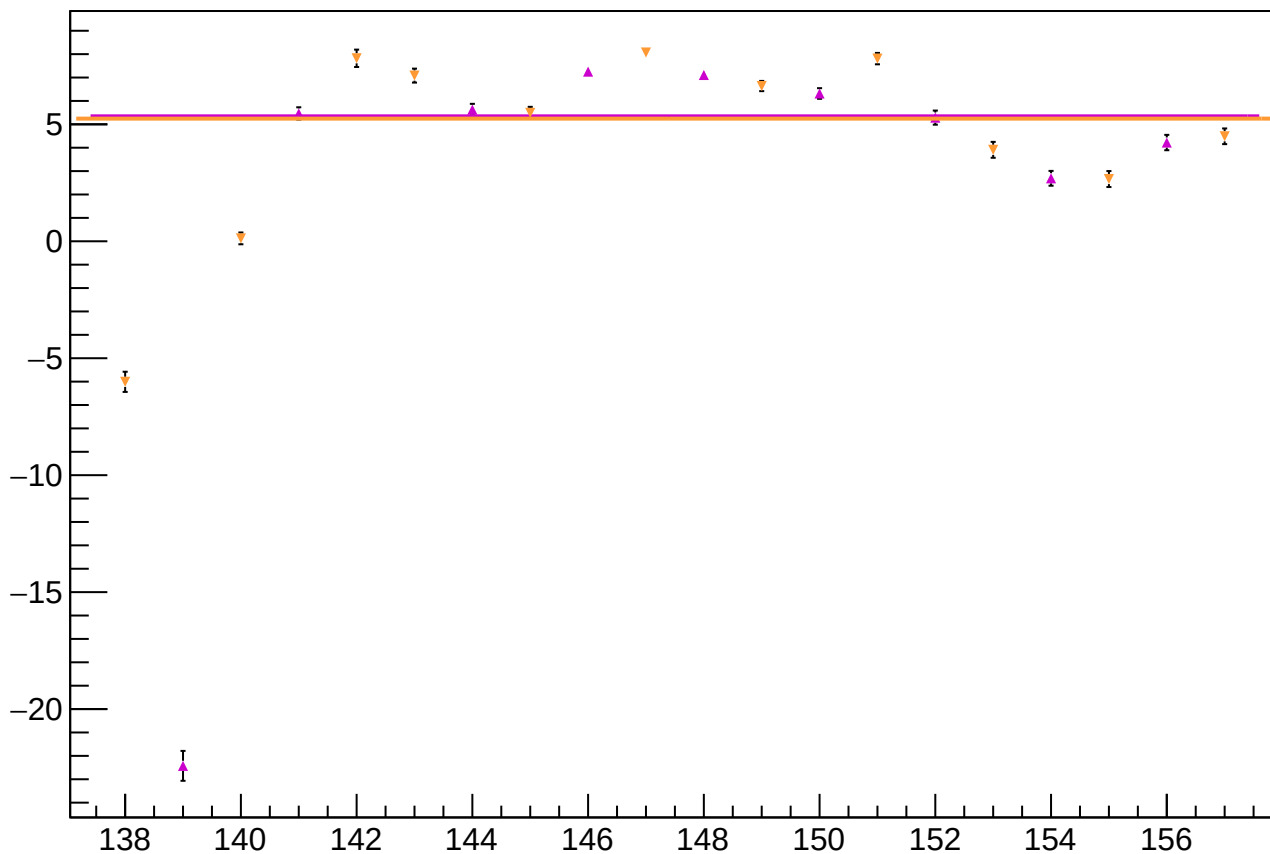
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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: 5.582+/-0.127 χ^2/NDF :704.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.382+/-0.088 χ^2/NDF : 2747.2/19
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

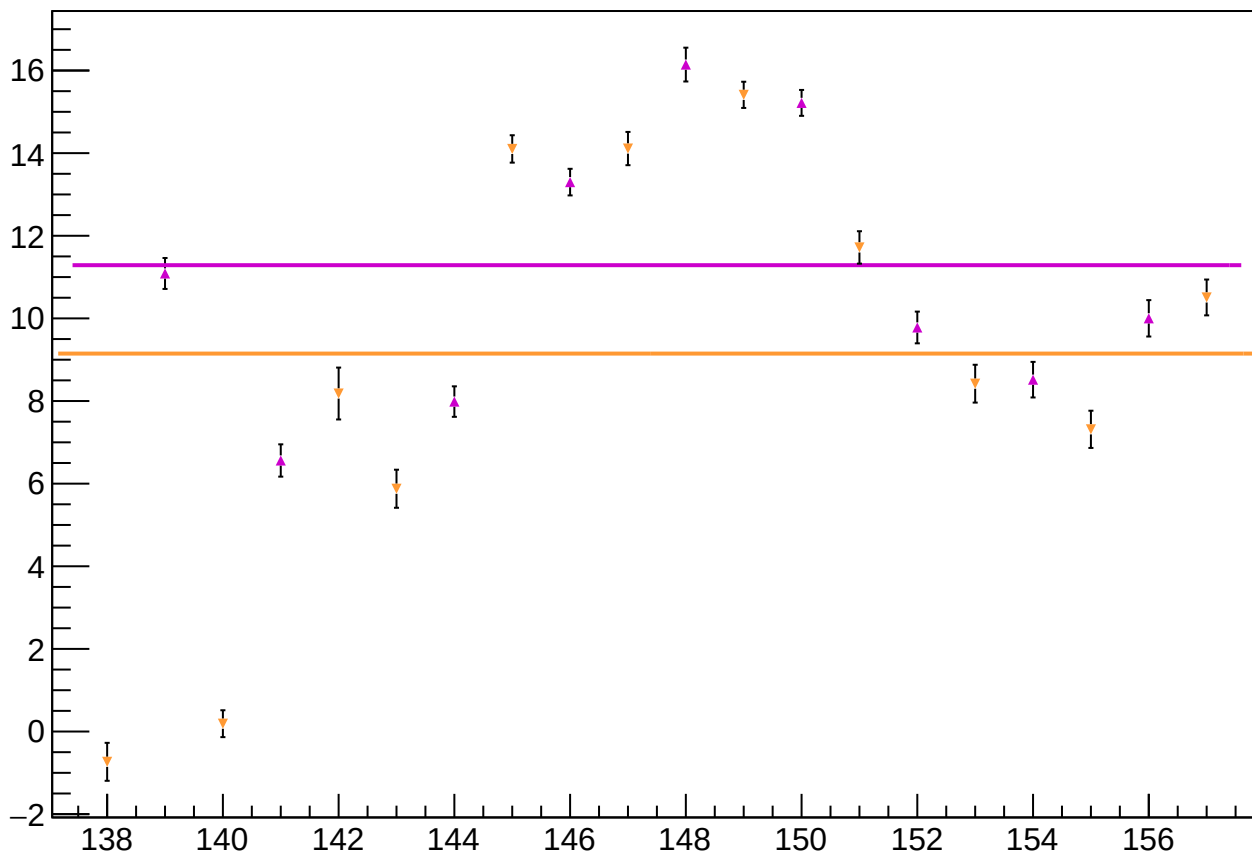
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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: 5.341 $\pm$ 0.089 χ^2 /NDF:2137.7/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.290 $\pm$ 0.061 χ^2 /NDF: 3730.8/19
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

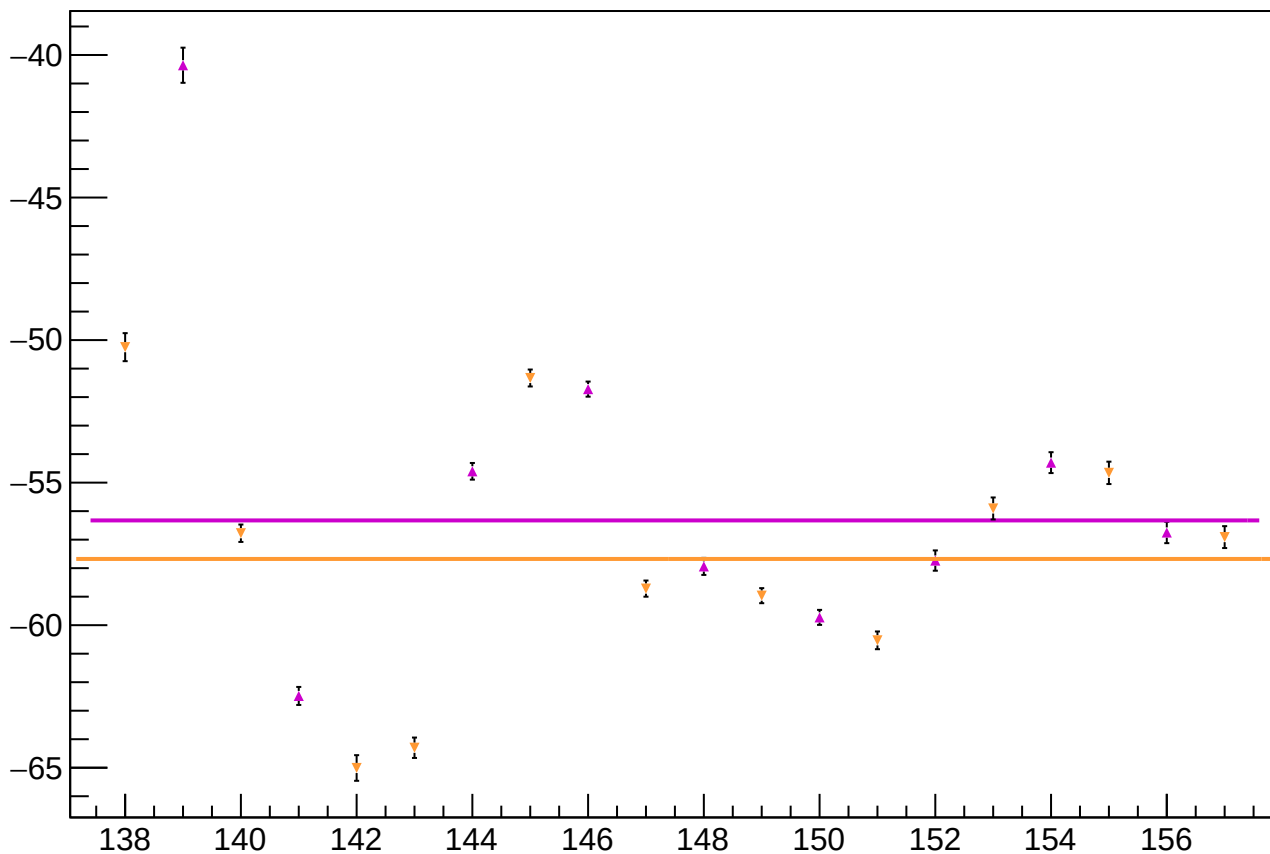
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.148+/-0.121 χ^2/NDF : 2110.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.288+/-0.125 χ^2/NDF : 628.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 10.185+/-0.087 χ^2/NDF : 2890.4/19
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.677+/-0.102 χ^2/NDF : 1507.7/10

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

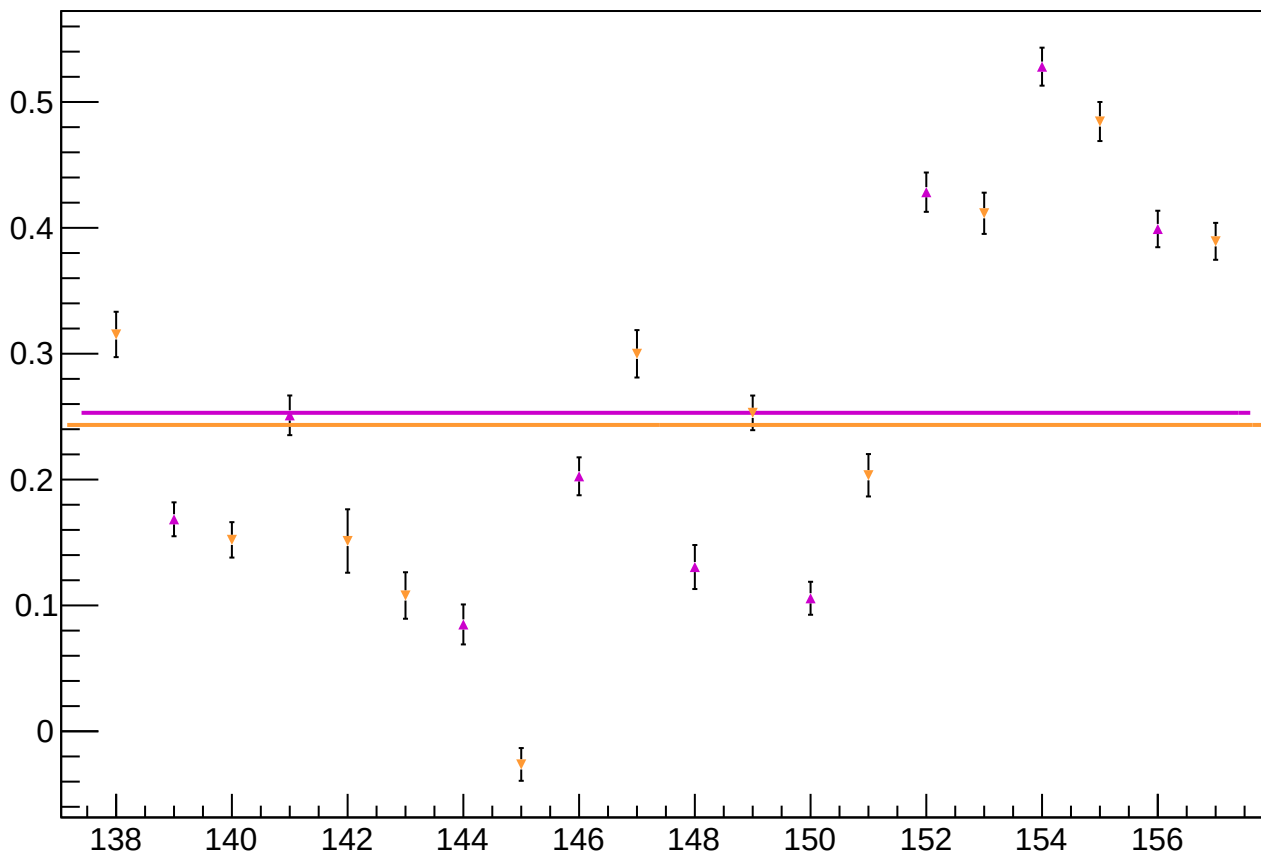
Left In: -56.326+/-0.107 χ^2/NDF : 1631.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.036+/-0.074 χ^2/NDF : 3222.5/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

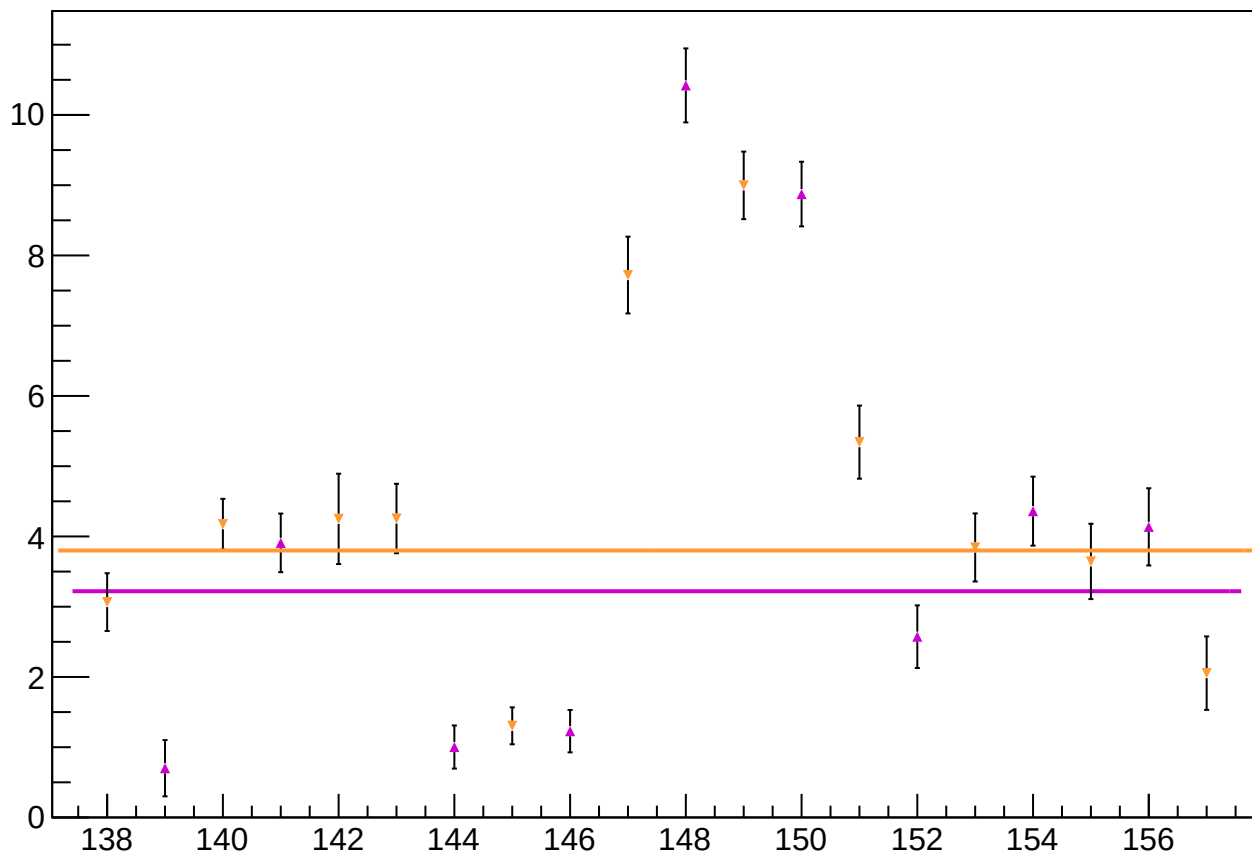
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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: 0.253 $\pm$ 0.005 χ^2 /NDF:897.8/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.248 $\pm$ 0.003 χ^2 /NDF: 1915.6/19
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.800+/-0.132 χ^2/NDF :284.1/10

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

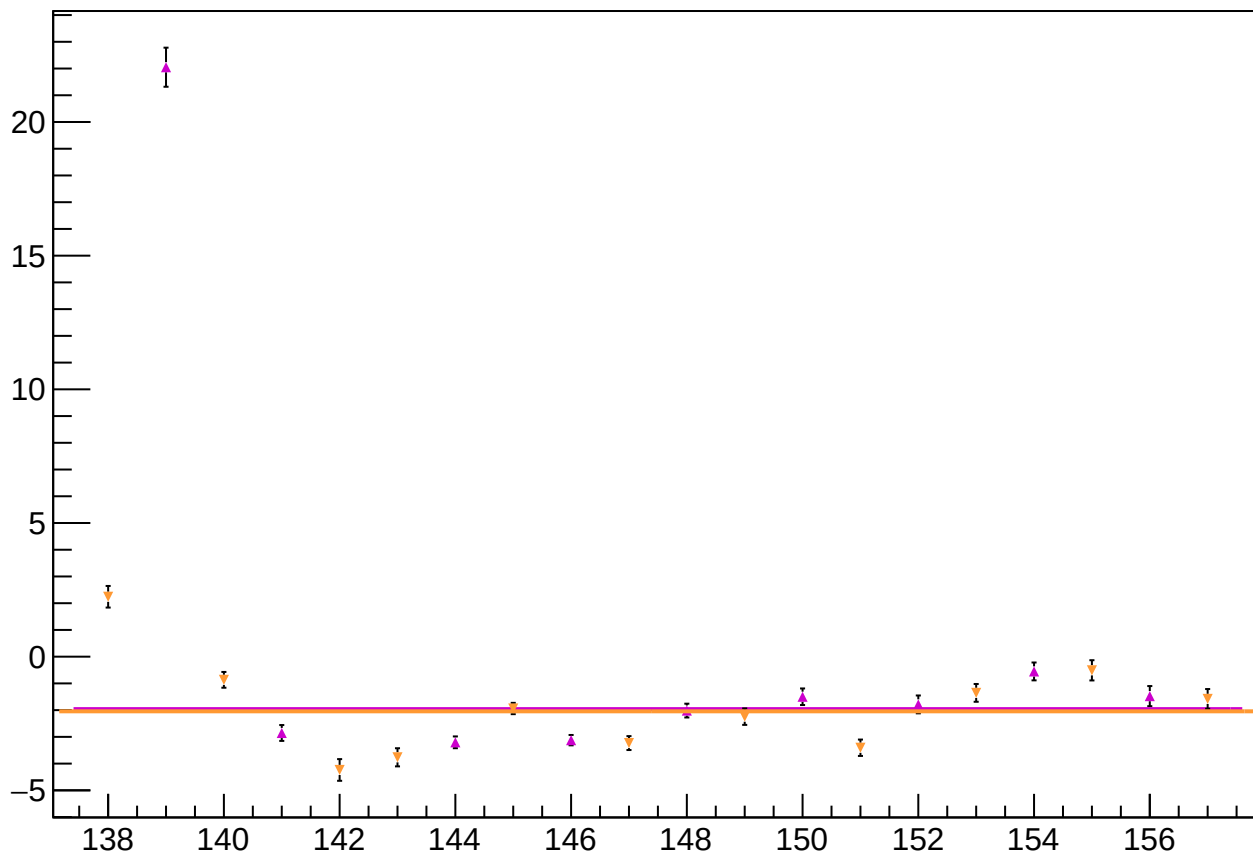
Left In: 3.220+/-0.136 χ^2/NDF :486.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

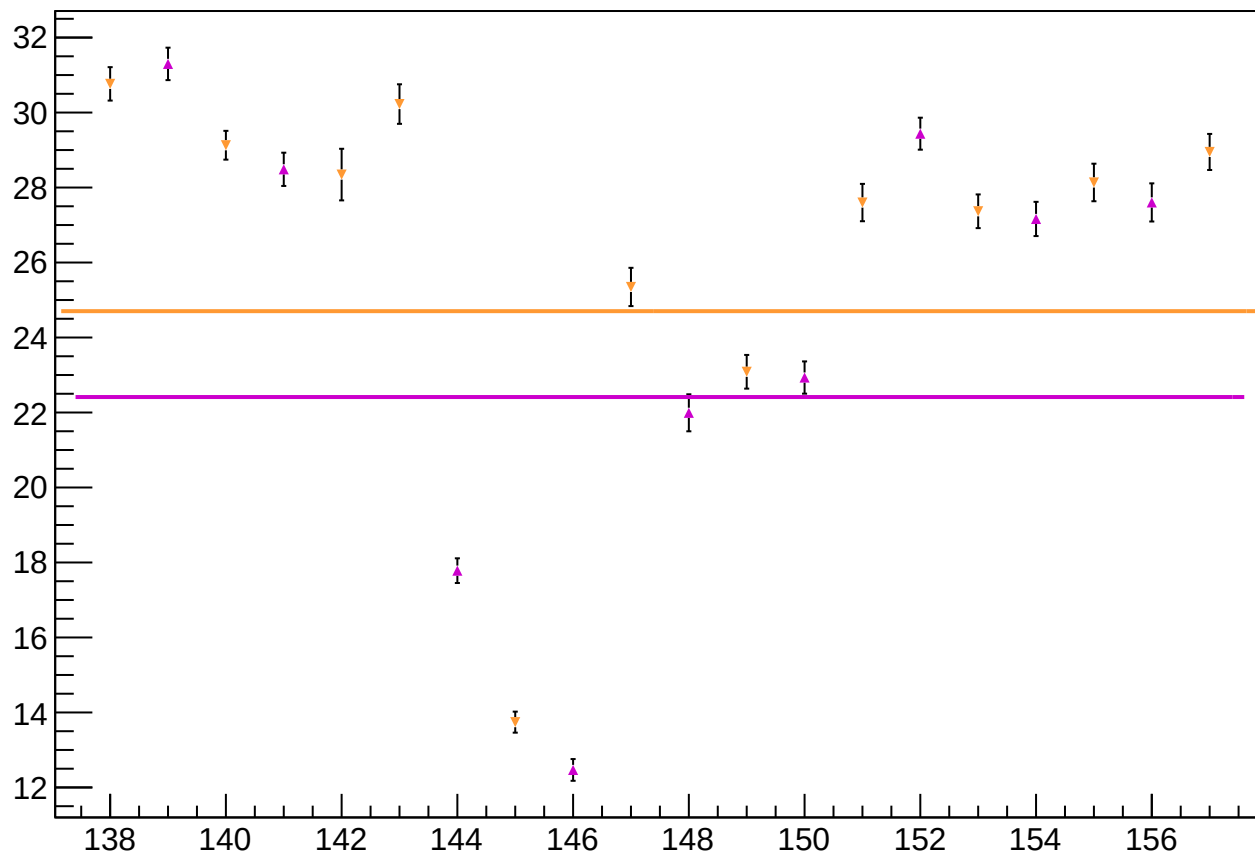
All: 3.518+/-0.095 χ^2/NDF : 779.9/19

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

Left Out: 24.703 $\pm$ 0.133 χ^2 /NDF:2192.5/10

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

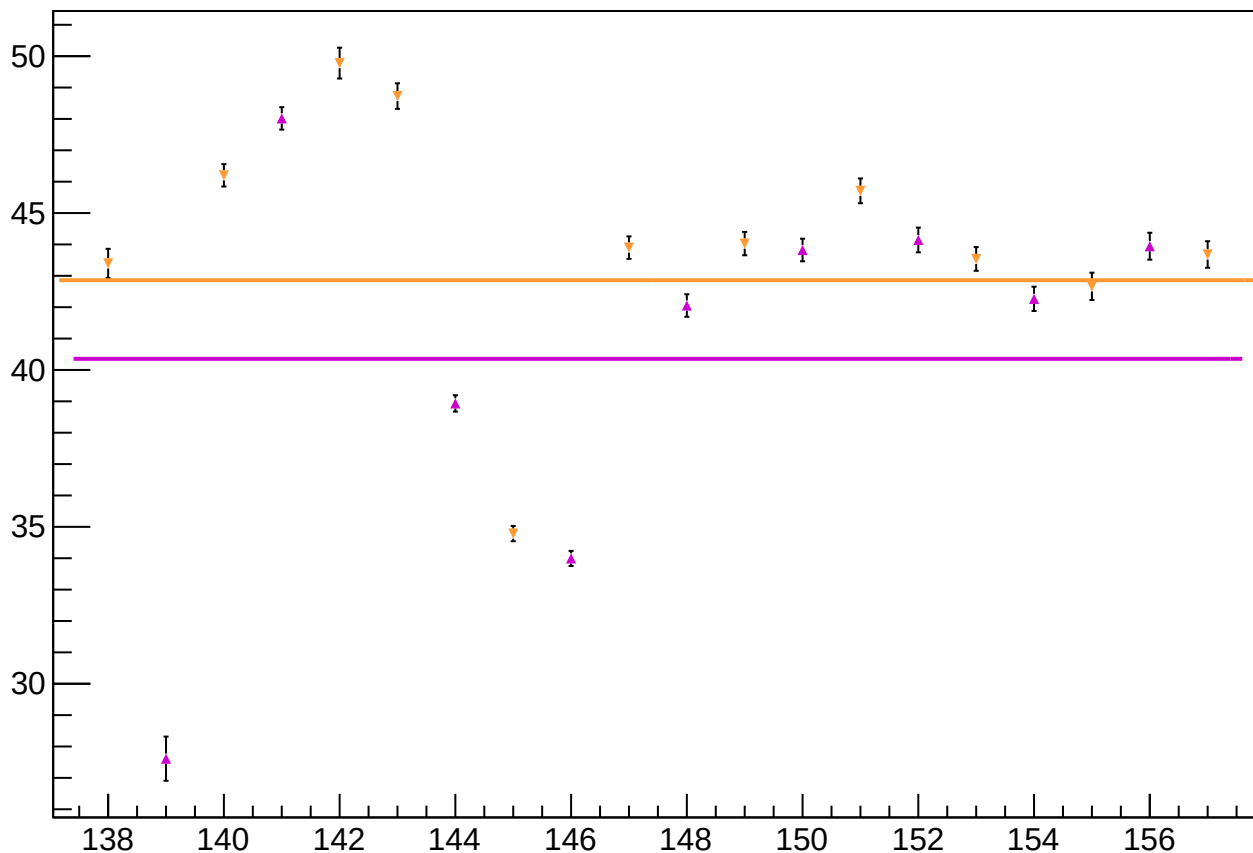
Left In: 22.413 $\pm$ 0.135 χ^2 /NDF:2468.4/8

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

All: 23.569 $\pm$ 0.095 χ^2 /NDF: 4807.2/19

- sign 0.000 $\pm$ 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

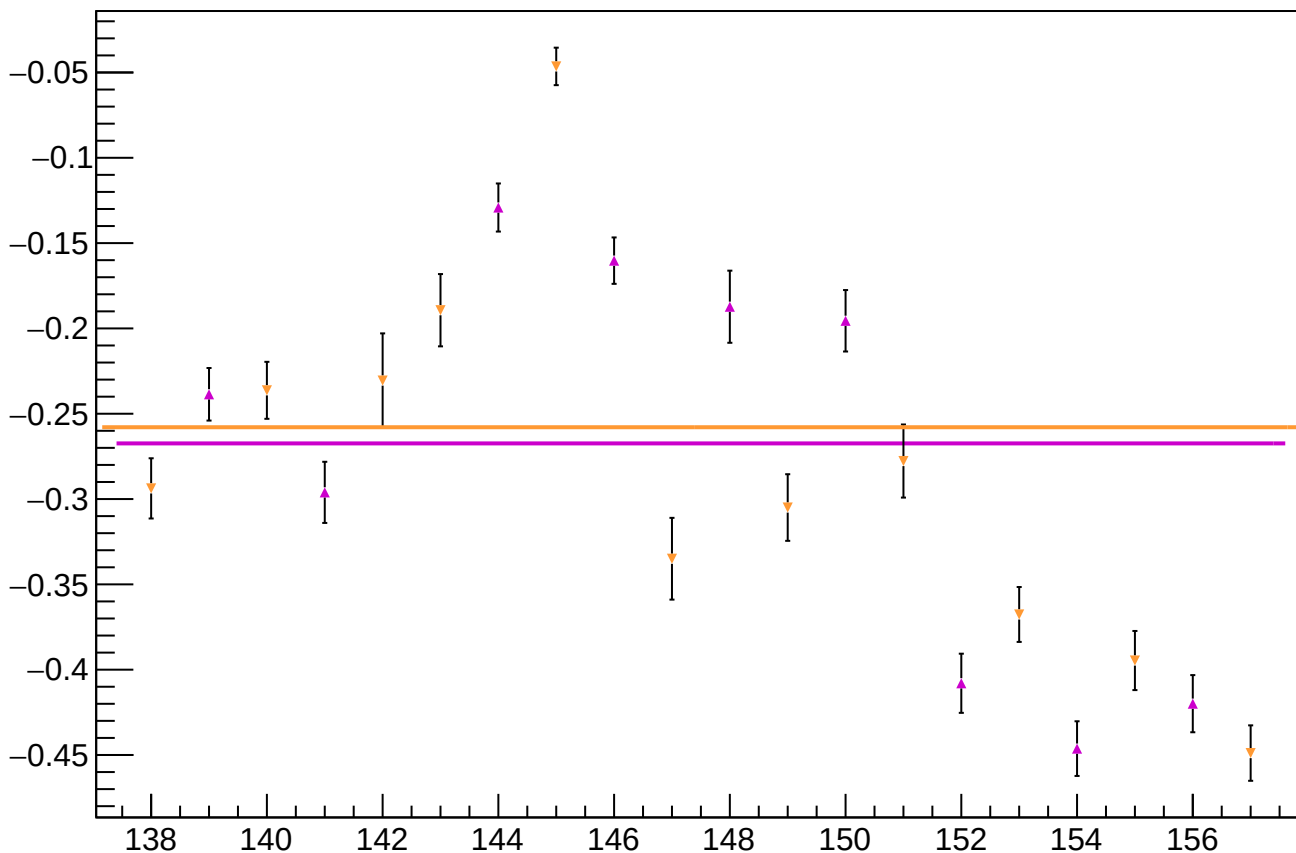
Left In: 40.355+/-0.115 χ^2/NDF :1817.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.631+/-0.080 χ^2/NDF : 3726.5/19

- 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

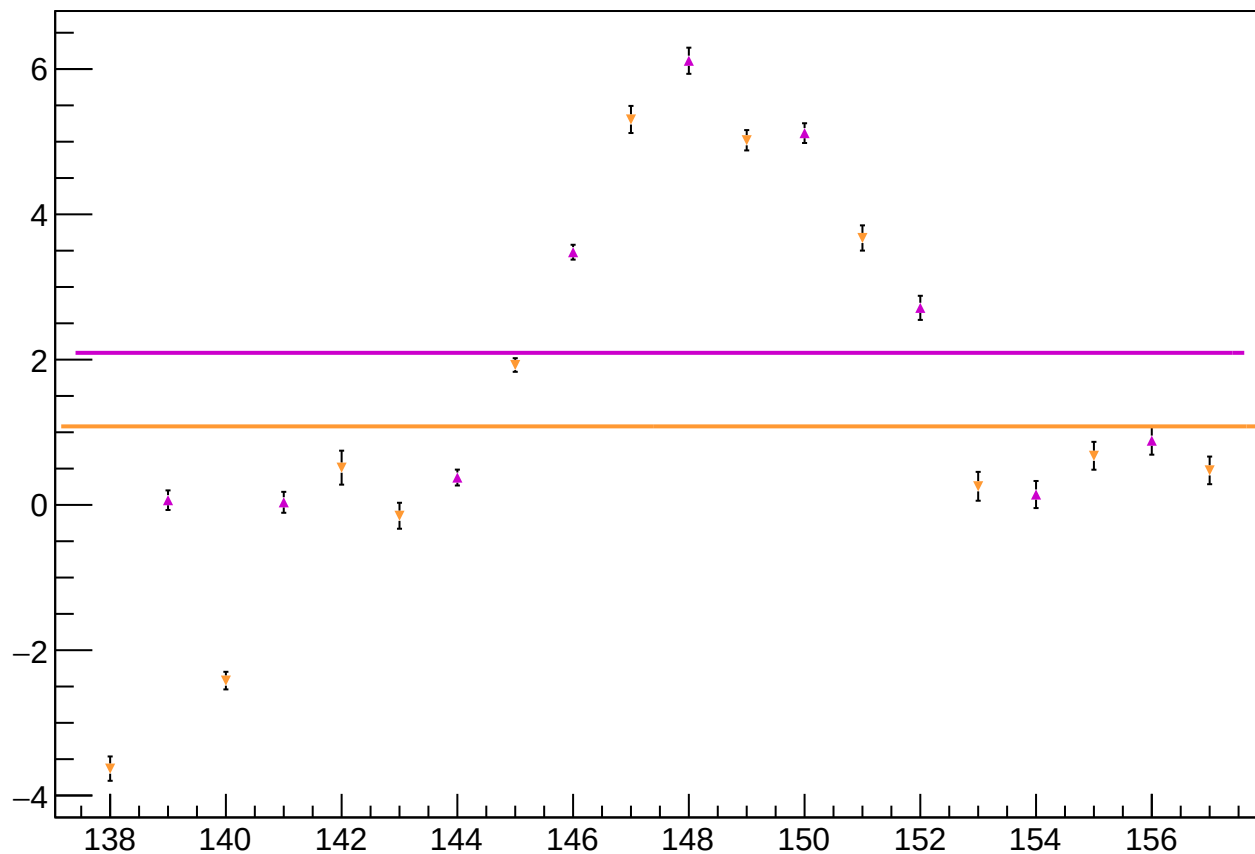
Left In: -0.267+/-0.005 χ^2/NDF : 467.9/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.262+/-0.004 χ^2/NDF : 1121.4/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

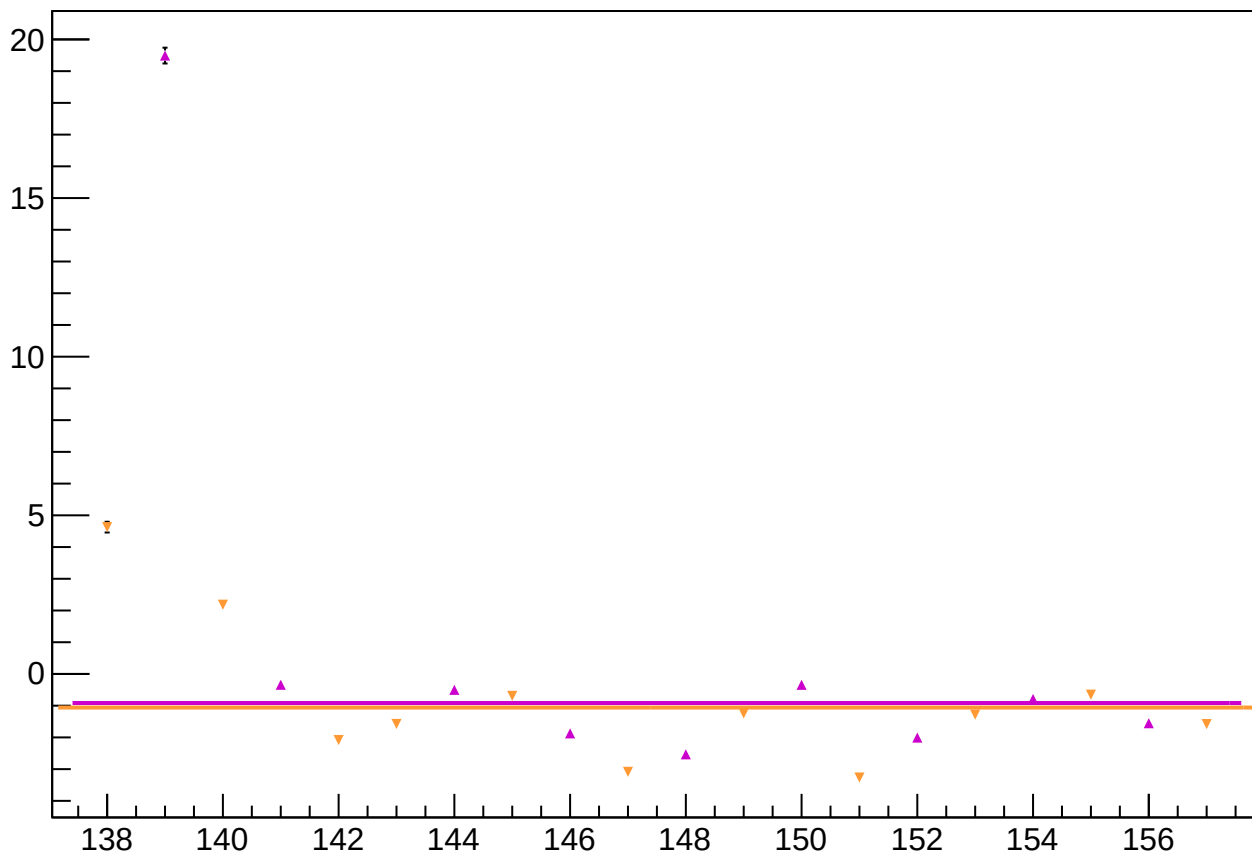
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.081 $\pm$ 0.047 χ^2 /NDF:3319.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.094 $\pm$ 0.047 χ^2 /NDF:2016.8/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1.587 $\pm$ 0.033 χ^2 /NDF: 5571.5/19
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

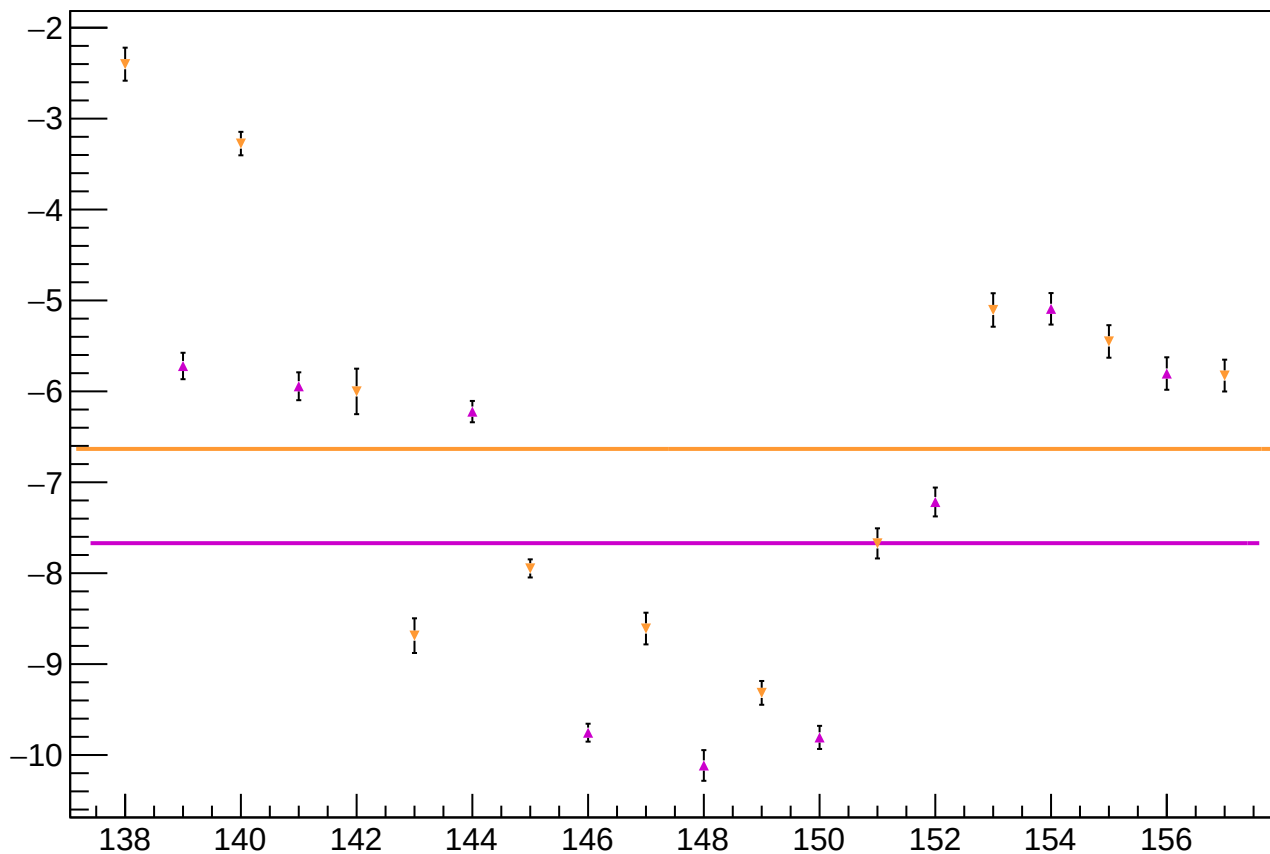
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.059+/-0.033 χ^2/NDF : 3270.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.915+/-0.033 χ^2/NDF : 7440.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.987+/-0.023 χ^2/NDF : 10721.0/19
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

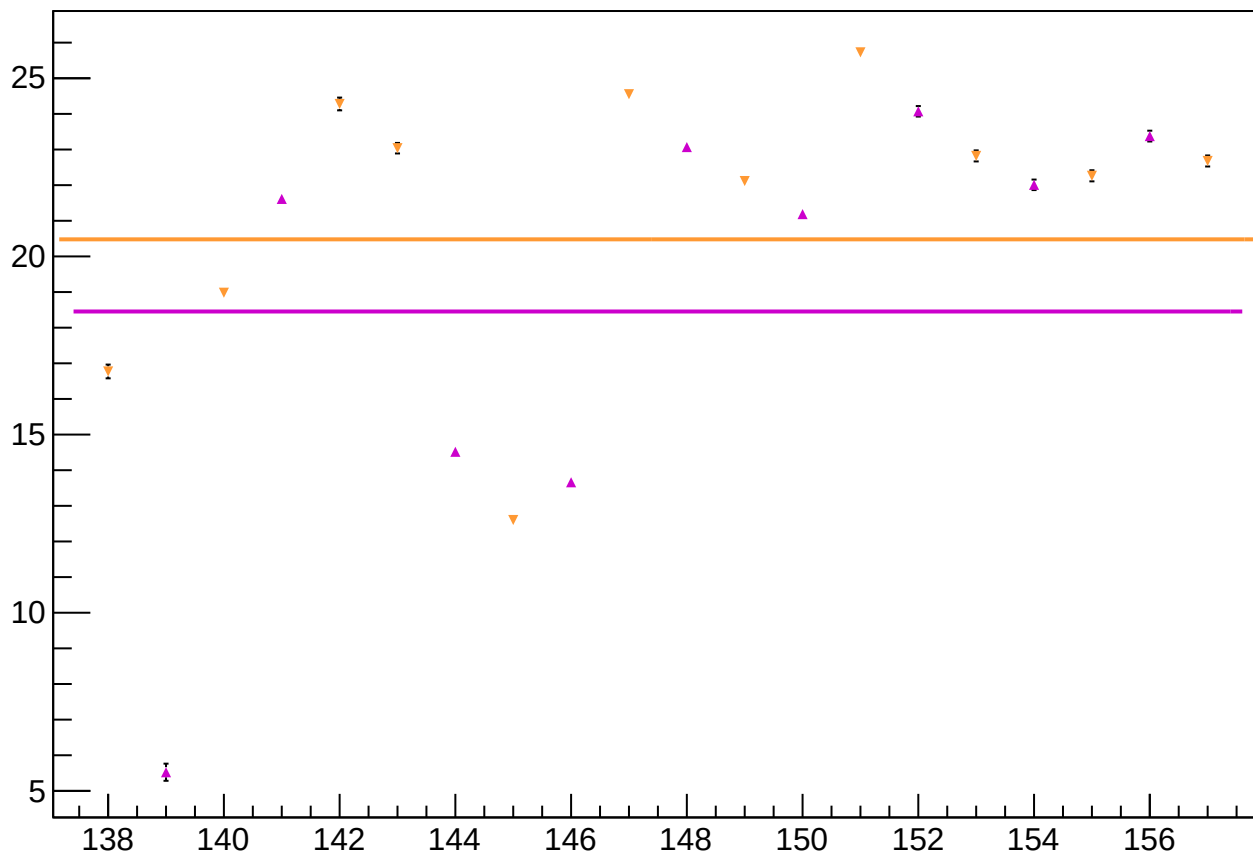
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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: -7.670+/-0.046 χ^2/NDF : 1737.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.158+/-0.033 χ^2/NDF : 4224.0/19
 - 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

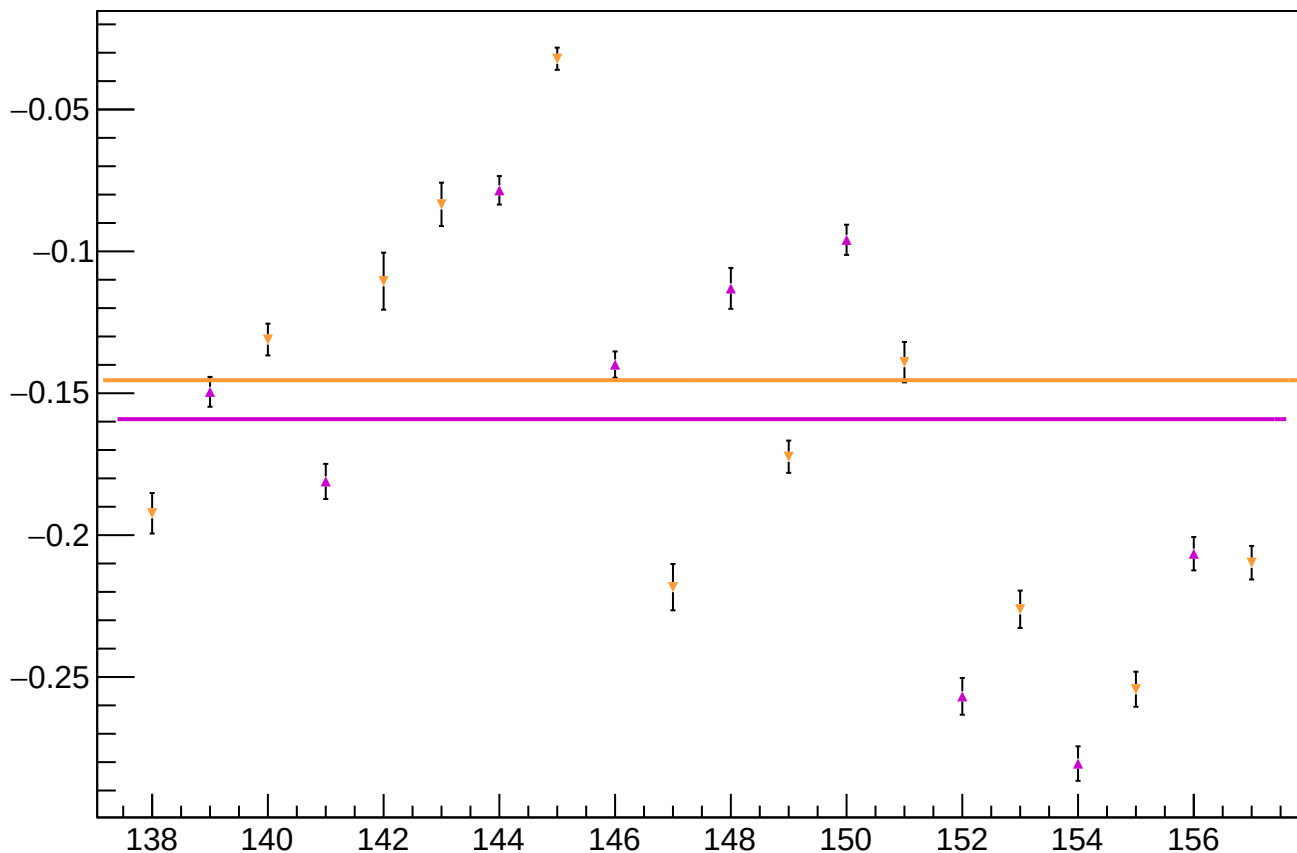
Left In: 18.454+/-0.040 χ^2/NDF :13878.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.466+/-0.028 χ^2/NDF : 27905.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

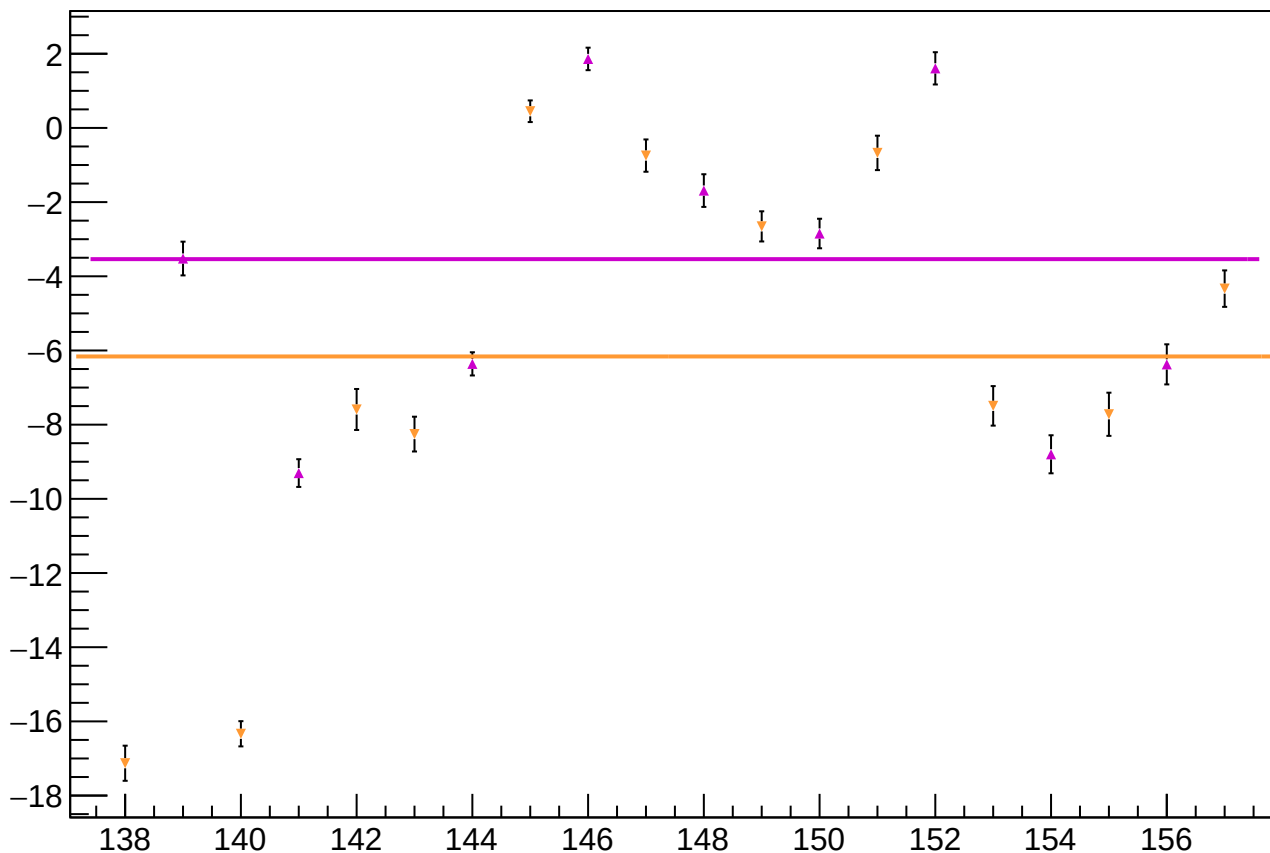
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



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: -0.159 $\pm$ 0.002 χ^2 /NDF:1164.7/8

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.152 $\pm$ 0.001 χ^2 /NDF: 2842.2/19
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -6.161 $\pm$ 0.130 χ^2 /NDF:2366.9/10

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

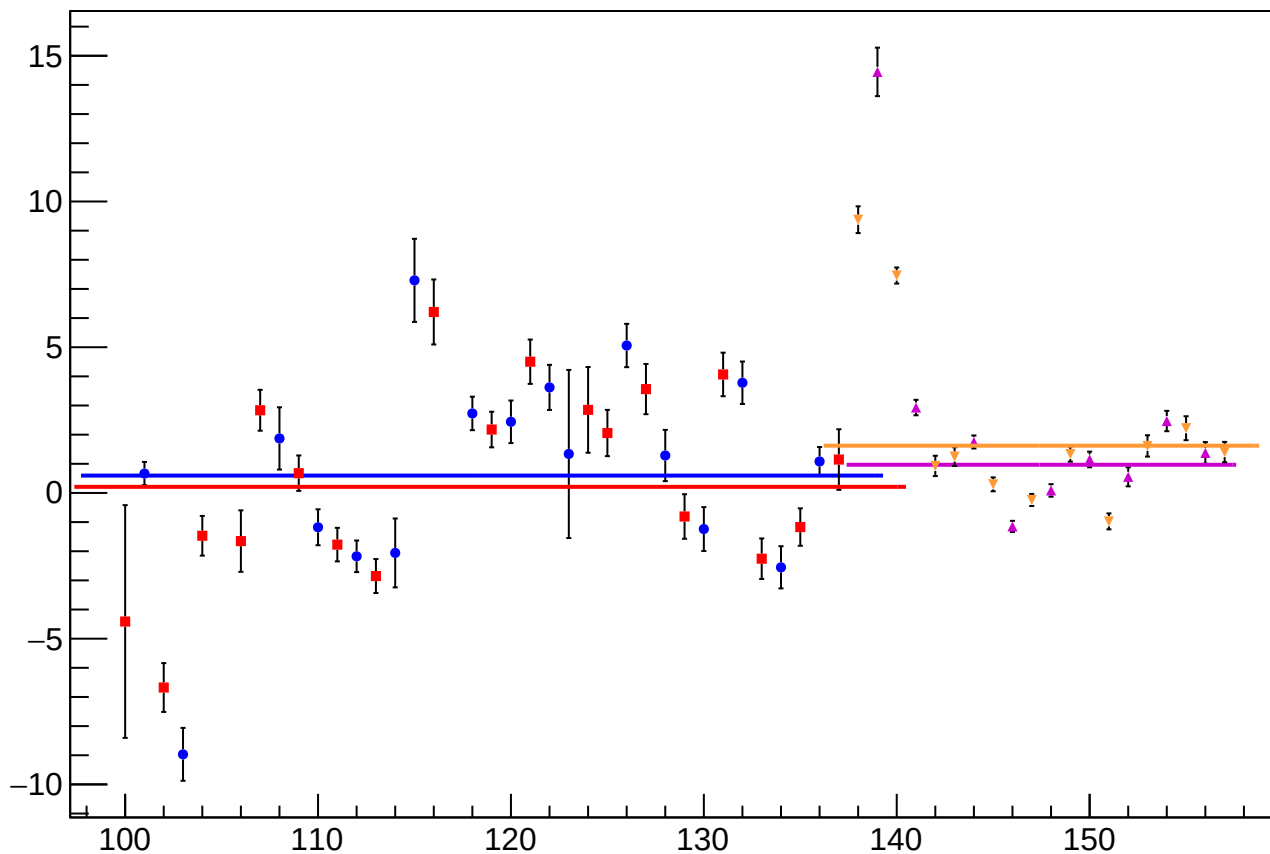
Left In: -3.538 $\pm$ 0.132 χ^2 /NDF:929.1/8

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

All: -4.874 $\pm$ 0.093 χ^2 /NDF: 3496.1/19

- sign 0.000 $\pm$ 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

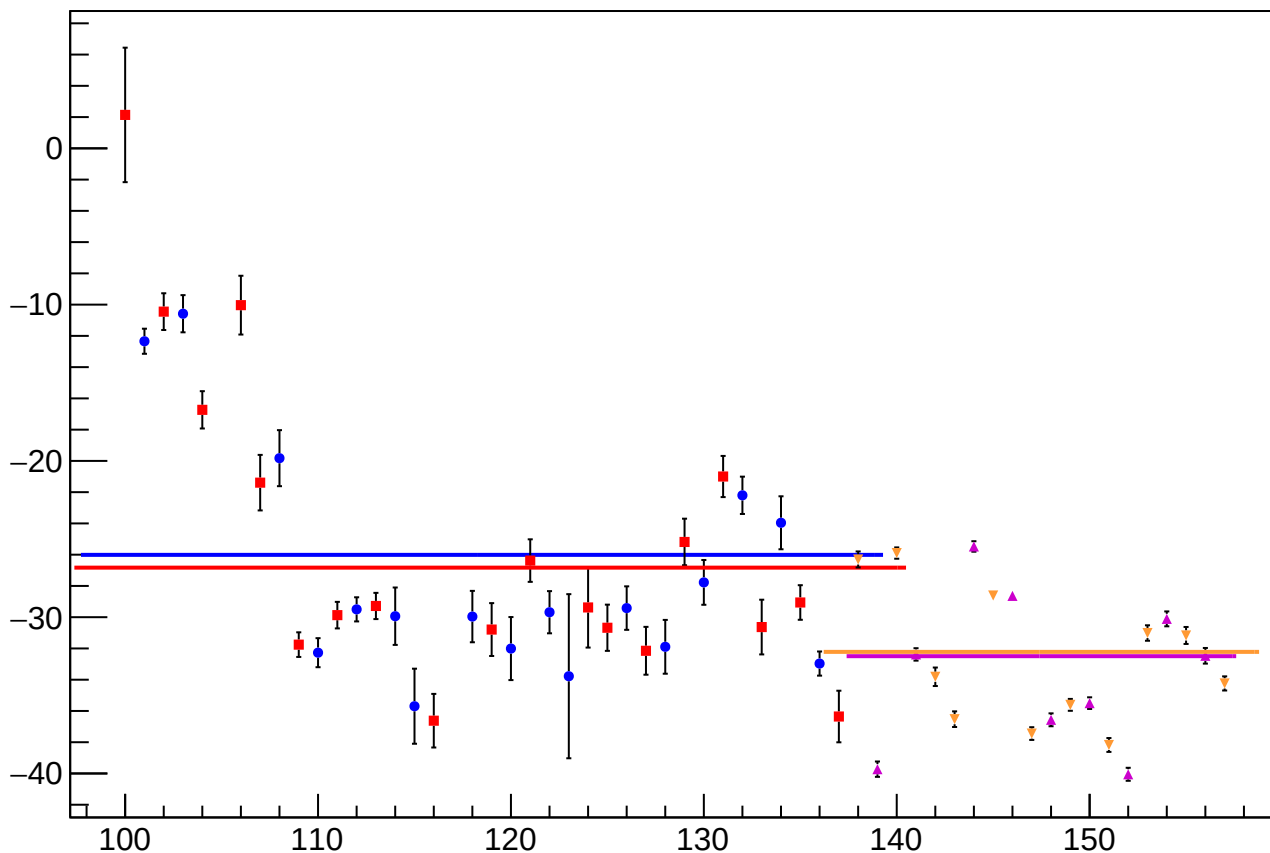
Left In: 0.967 ± 0.090 χ^2/NDF : 490.9/8

+ sign 1.399 ± 0.079 χ^2/NDF : 1262.2/27

All: 1.108 ± 0.056 χ^2/NDF : 2069.2/55

- sign 0.808 ± 0.080 χ^2/NDF : 779.3/27

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

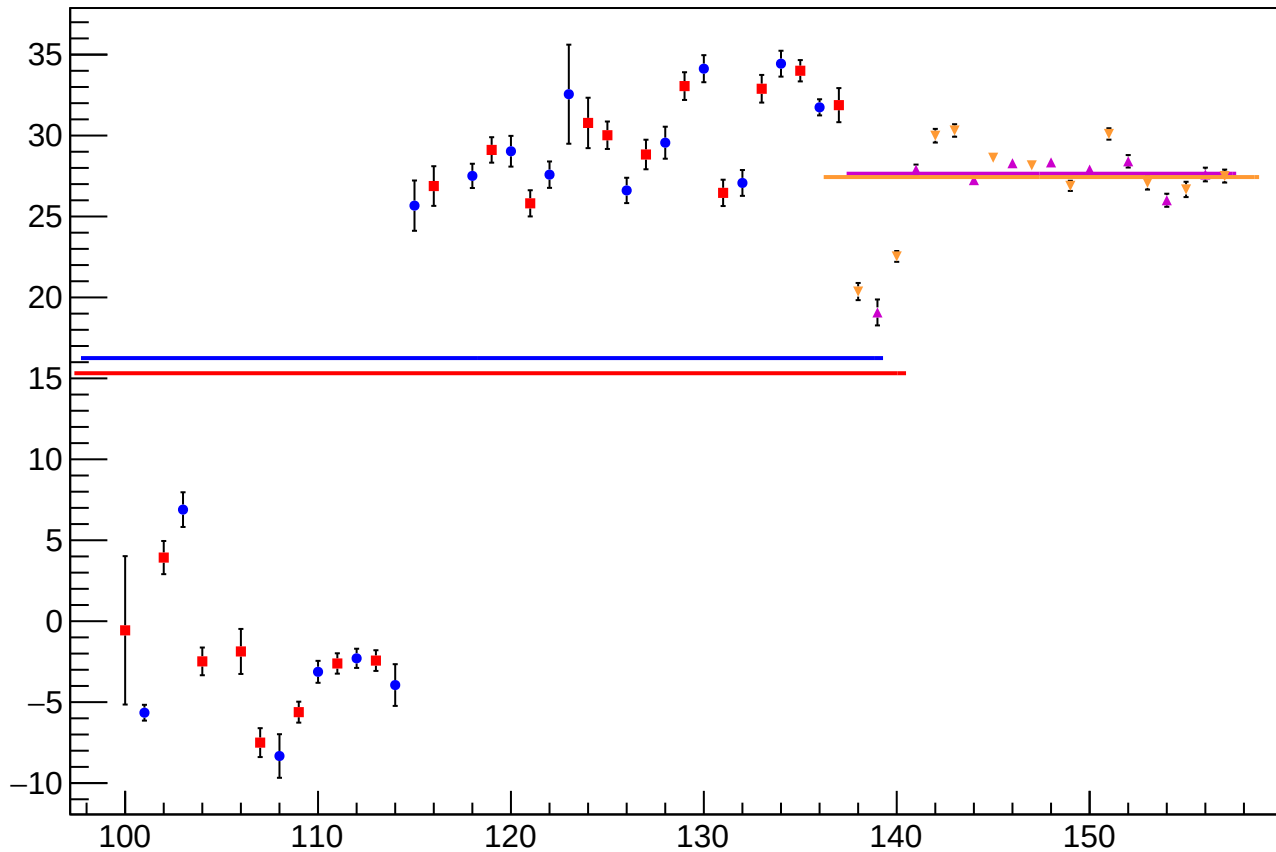
Left In: -32.495 ± 0.131 χ^2/NDF : 1347.2/8

+ sign -31.235 ± 0.119 χ^2/NDF : 2163.7/27

All: -31.405 ± 0.085 χ^2/NDF : 4400.4/55

- sign -31.576 ± 0.120 χ^2/NDF : 2232.6/27

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

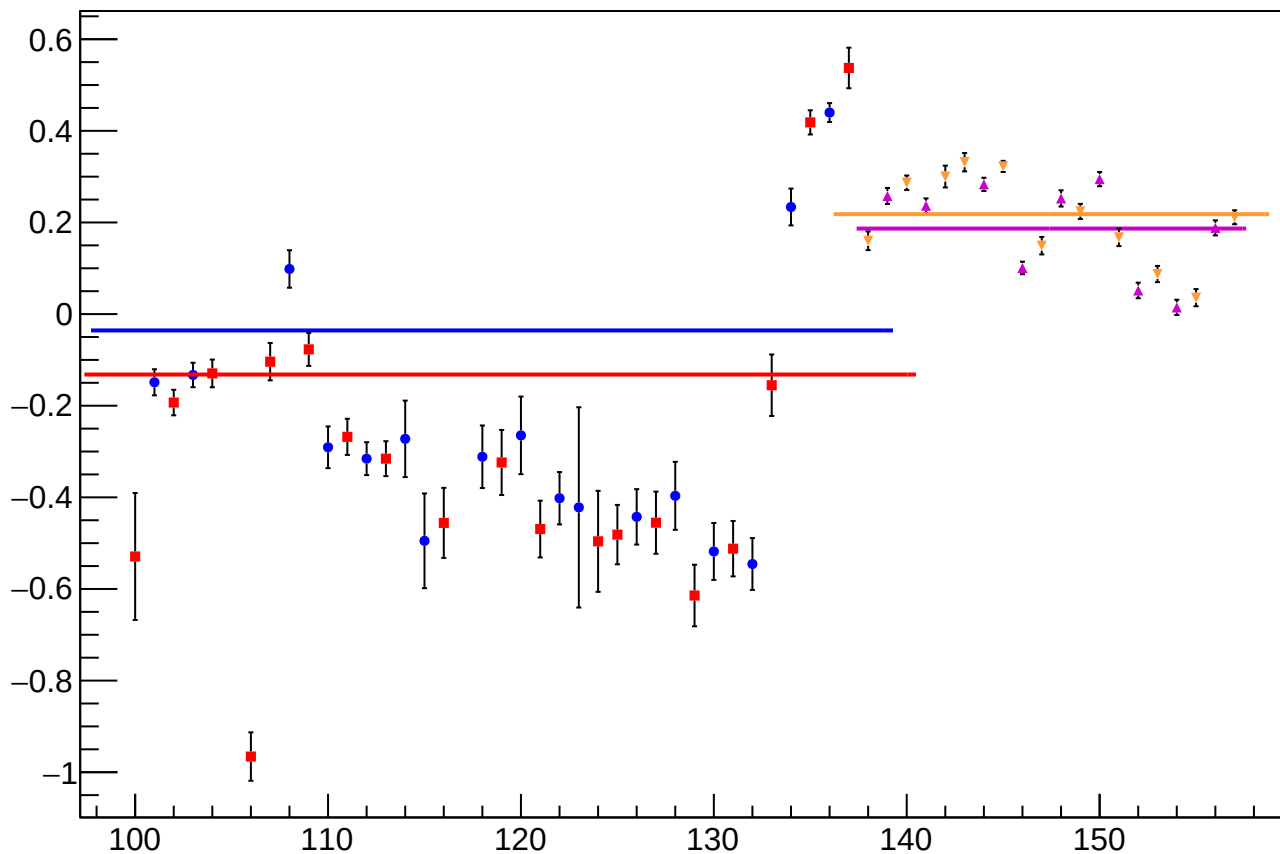
Left In: 27.643 $\pm$ 0.110 χ^2 /NDF: 151.0/8

+ sign 24.709 $\pm$ 0.094 χ^2 /NDF: 10776.6/27

All: 24.715 $\pm$ 0.067 χ^2 /NDF: 21194.4/55

- sign 24.722 $\pm$ 0.096 χ^2 /NDF: 10417.8/27

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 $\chi^2/\text{NDF}: 1014.5/16$

Left Out: 0.218 ± 0.005 $\chi^2/\text{NDF}: 314.0/10$

Right Out: -0.132 ± 0.010 $\chi^2/\text{NDF}: 1171.3/18$

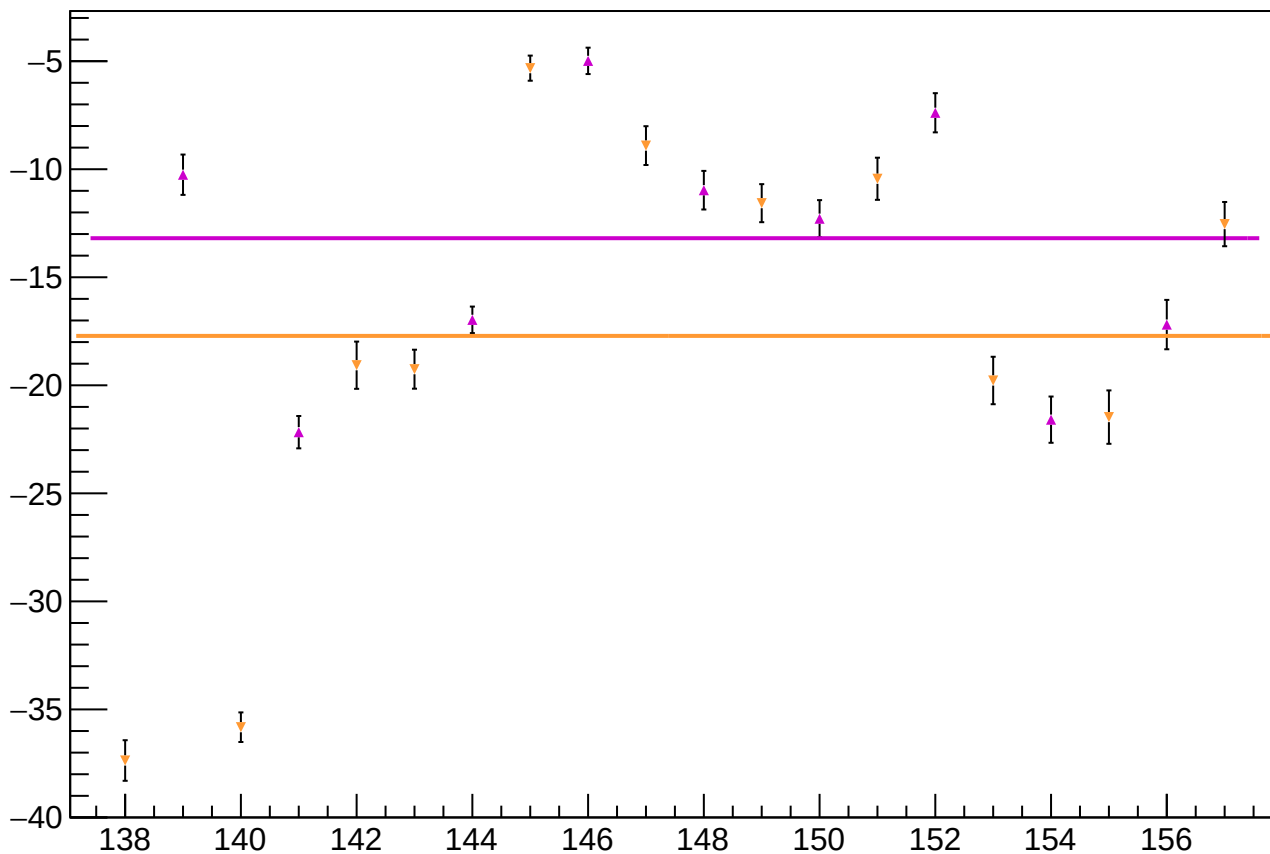
Left In: 0.187 ± 0.005 $\chi^2/\text{NDF}: 341.2/8$

+ sign 0.167 ± 0.005 $\chi^2/\text{NDF}: 1811.3/27$

All: 0.144 ± 0.003 $\chi^2/\text{NDF}: 4121.4/55$

- sign 0.120 ± 0.005 $\chi^2/\text{NDF}: 2260.9/27$

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

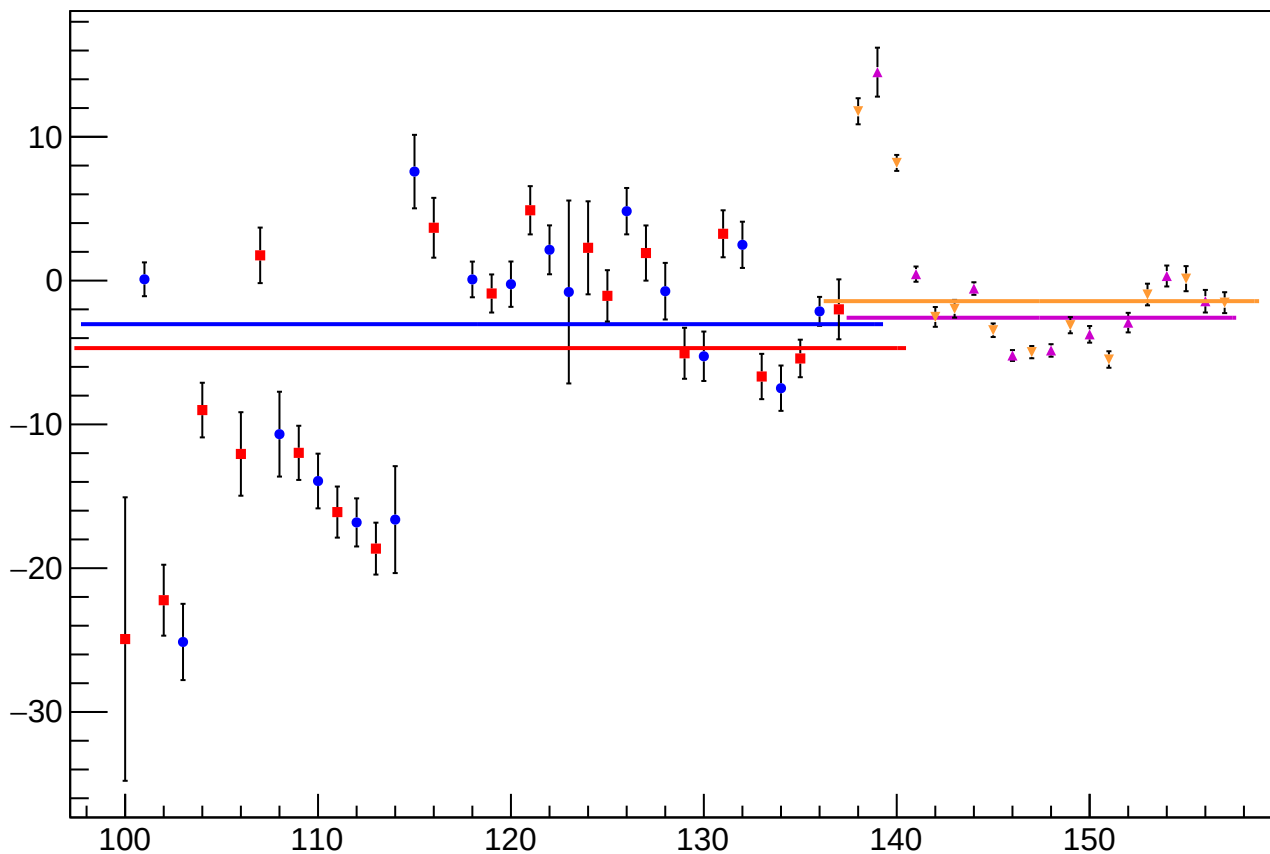
Left In: -13.193+/-0.270 χ^2/NDF :494.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.500+/-0.189 χ^2/NDF : 2472.0/19

- 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

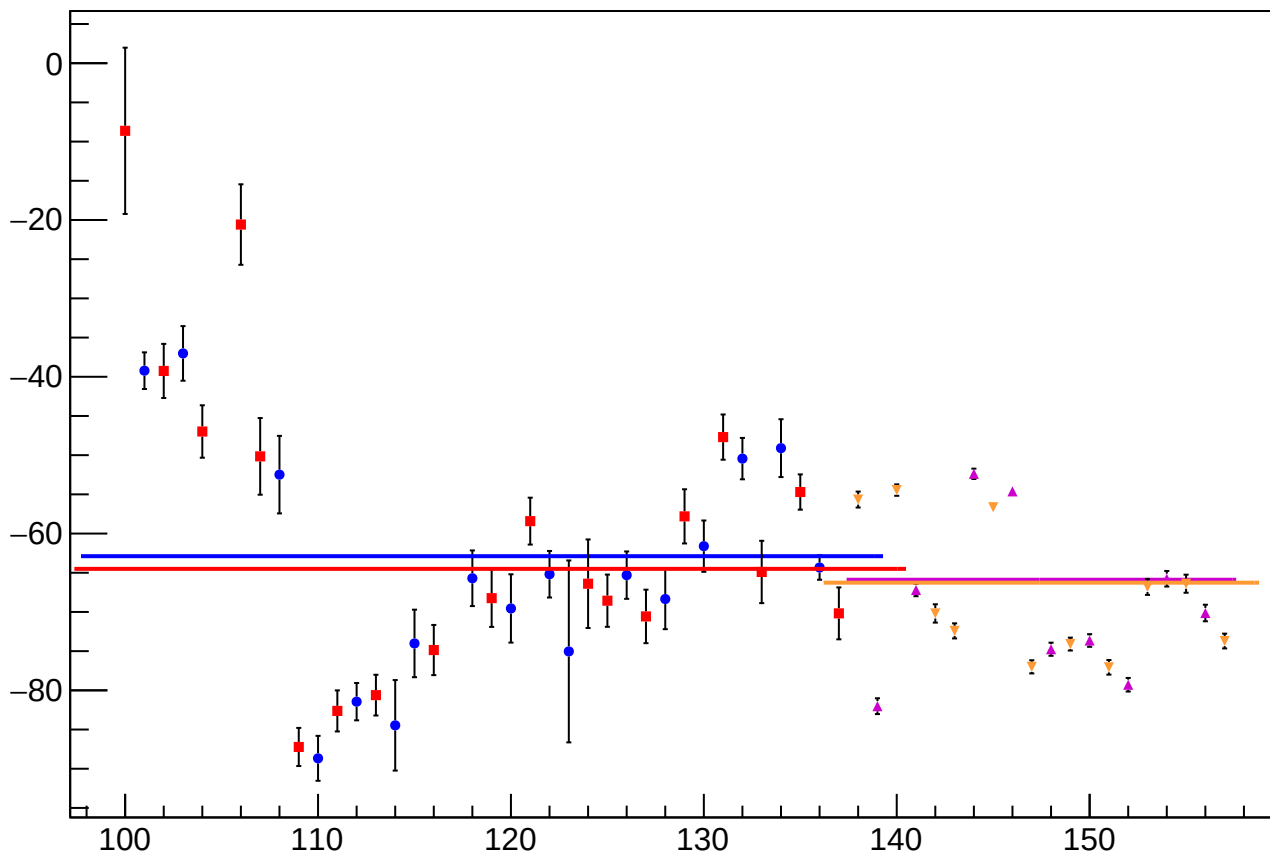
Left In: -2.583 ± 0.182 χ^2/NDF : 252.9/8

+ sign -1.694 ± 0.166 χ^2/NDF : 959.0/27

All: -2.295 ± 0.118 χ^2/NDF : 1557.4/55

- sign -2.909 ± 0.168 χ^2/NDF : 571.9/27

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -66.266 ± 0.266 $\chi^2/\text{NDF}: 1117.4/10$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

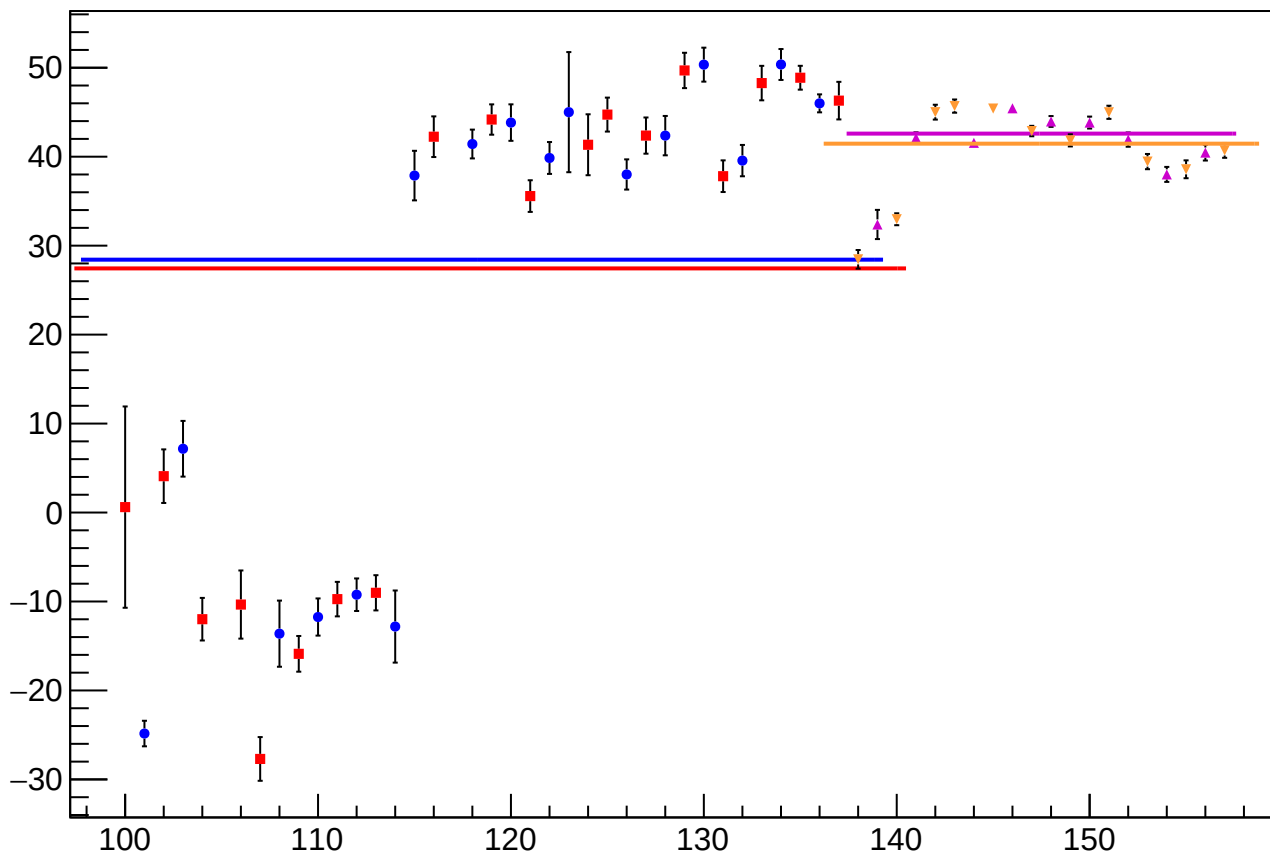
Left In: -65.892 ± 0.267 $\chi^2/\text{NDF}: 1509.1/8$

+ sign -65.878 ± 0.250 $\chi^2/\text{NDF}: 1504.7/27$

All: -65.808 ± 0.177 $\chi^2/\text{NDF}: 3461.1/55$

- sign -65.736 ± 0.252 $\chi^2/\text{NDF}: 1956.2/27$

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

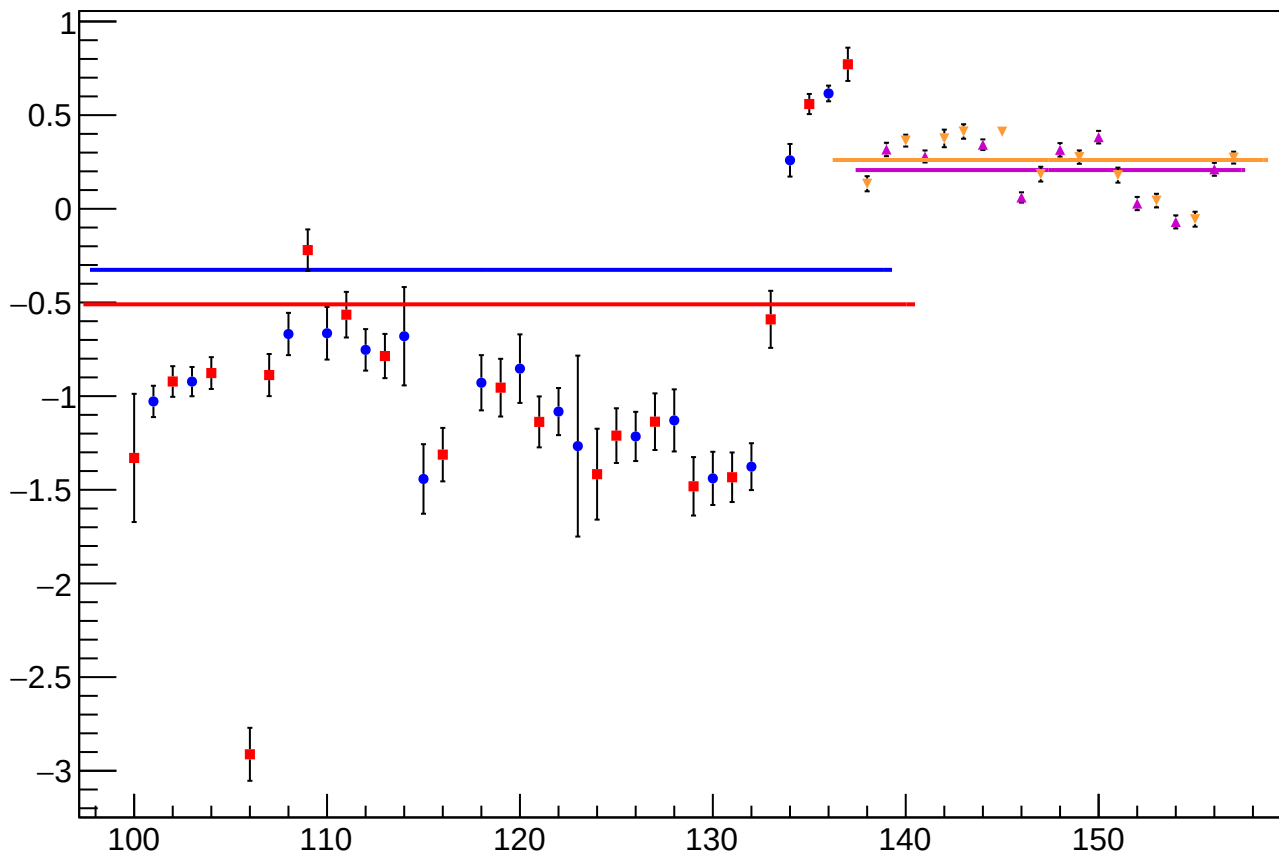
Left In: 42.595 $\pm$ 0.223 χ^2 /NDF:123.5/8

+ sign 38.987 $\pm$ 0.199 χ^2 /NDF: 4449.5/27

All: 39.431 $\pm$ 0.142 χ^2 /NDF: 8439.4/55

- sign 39.888 $\pm$ 0.202 χ^2 /NDF: 3979.8/27

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

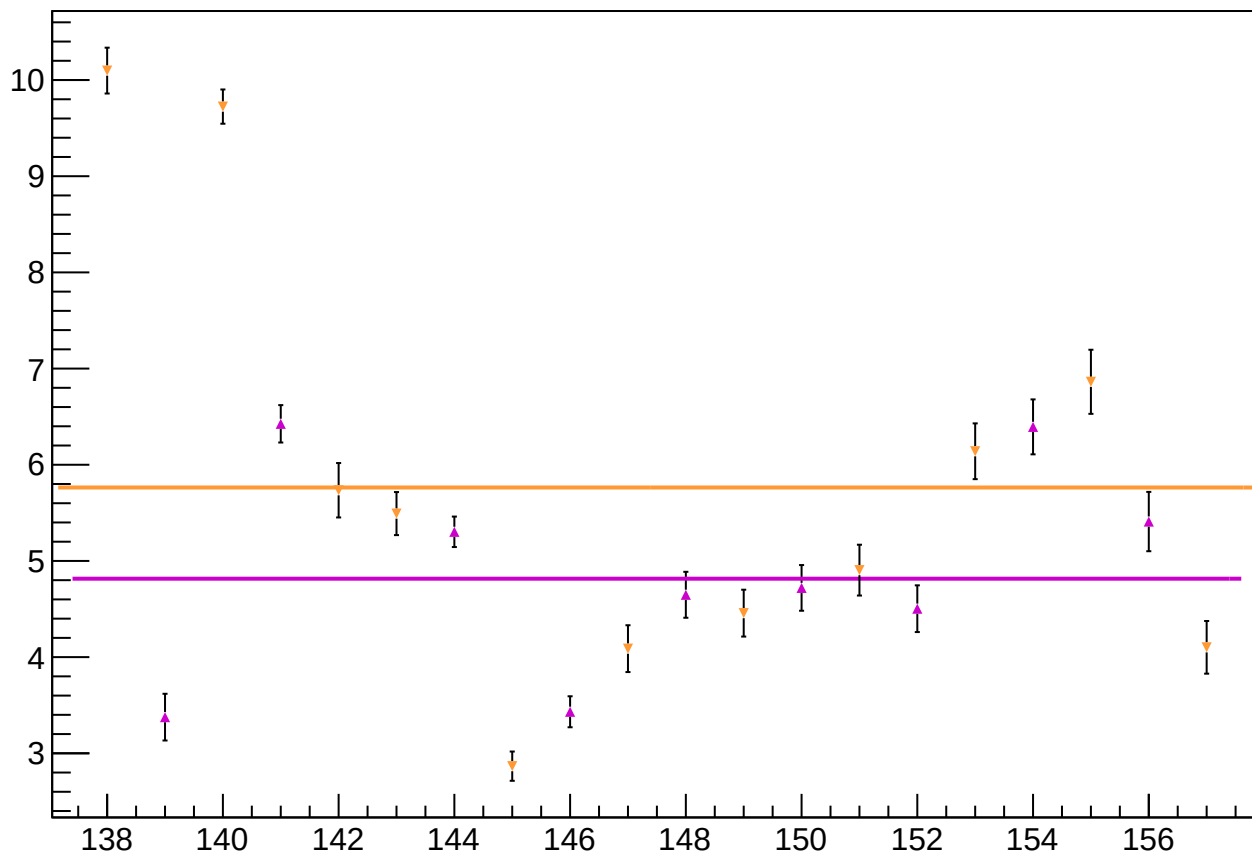
Left In: 0.207 ± 0.011 χ^2/NDF : 190.2/8

+ sign 0.170 ± 0.010 χ^2/NDF : 1669.4/27

All: 0.135 ± 0.007 χ^2/NDF : 3715.0/55

- sign 0.097 ± 0.010 χ^2/NDF : 2018.8/27

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.764+/-0.069 χ^2/NDF :1325.8/10

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

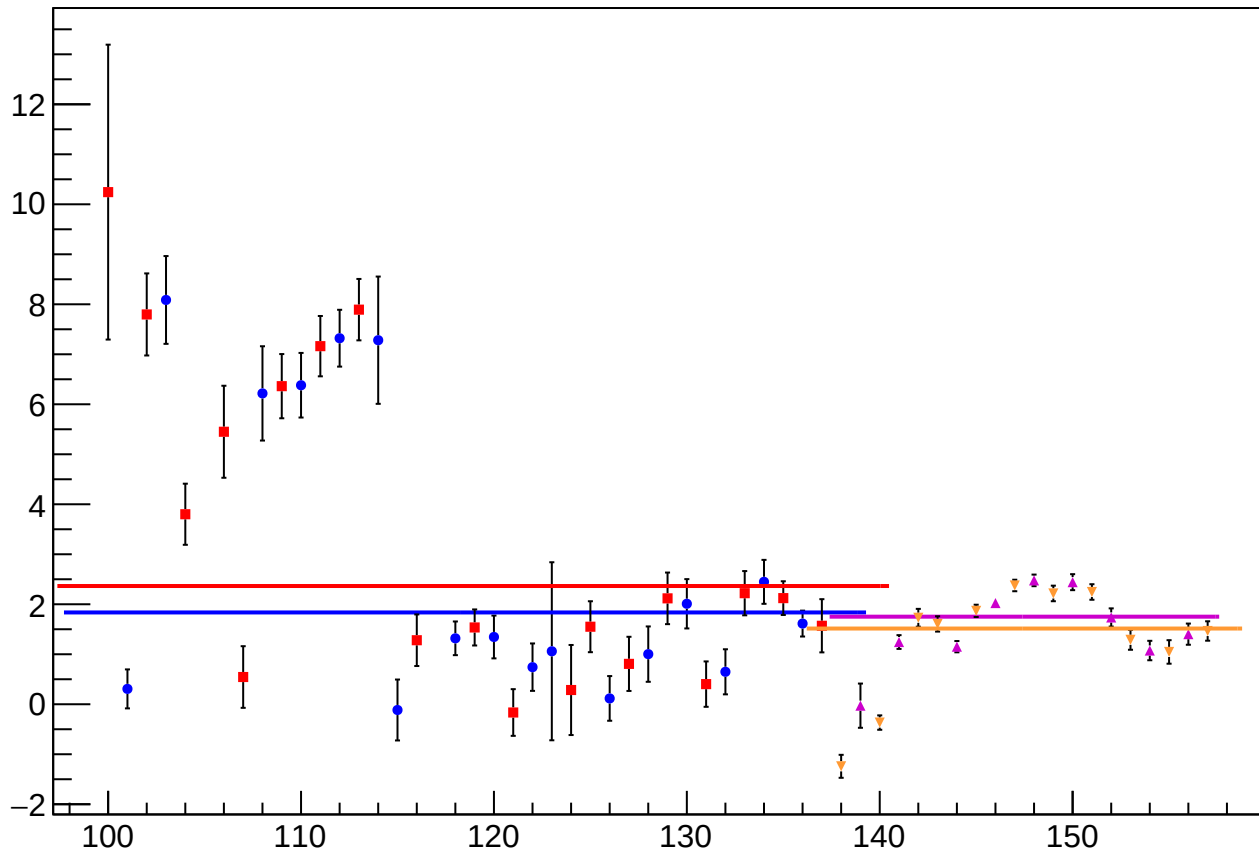
Left In: 4.815+/-0.071 χ^2/NDF :223.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.302+/-0.050 χ^2/NDF : 1640.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 1.514 ± 0.048 χ^2/NDF : 427.8/10

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

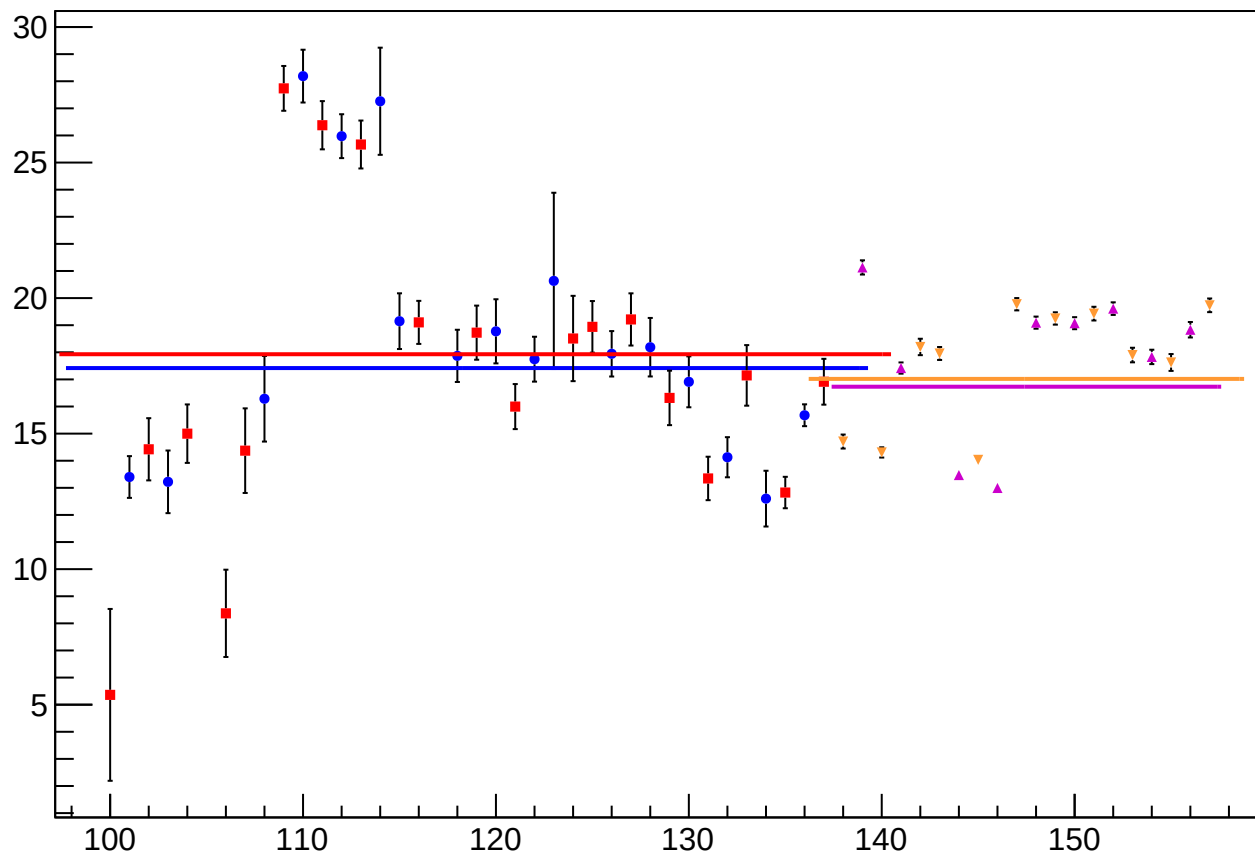
Left In: 1.752 ± 0.048 χ^2/NDF : 138.4/8

+ sign 1.561 ± 0.044 χ^2/NDF : 729.2/27

All: 1.696 ± 0.031 χ^2/NDF : 1244.3/55

- sign 1.833 ± 0.045 χ^2/NDF : 496.5/27

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

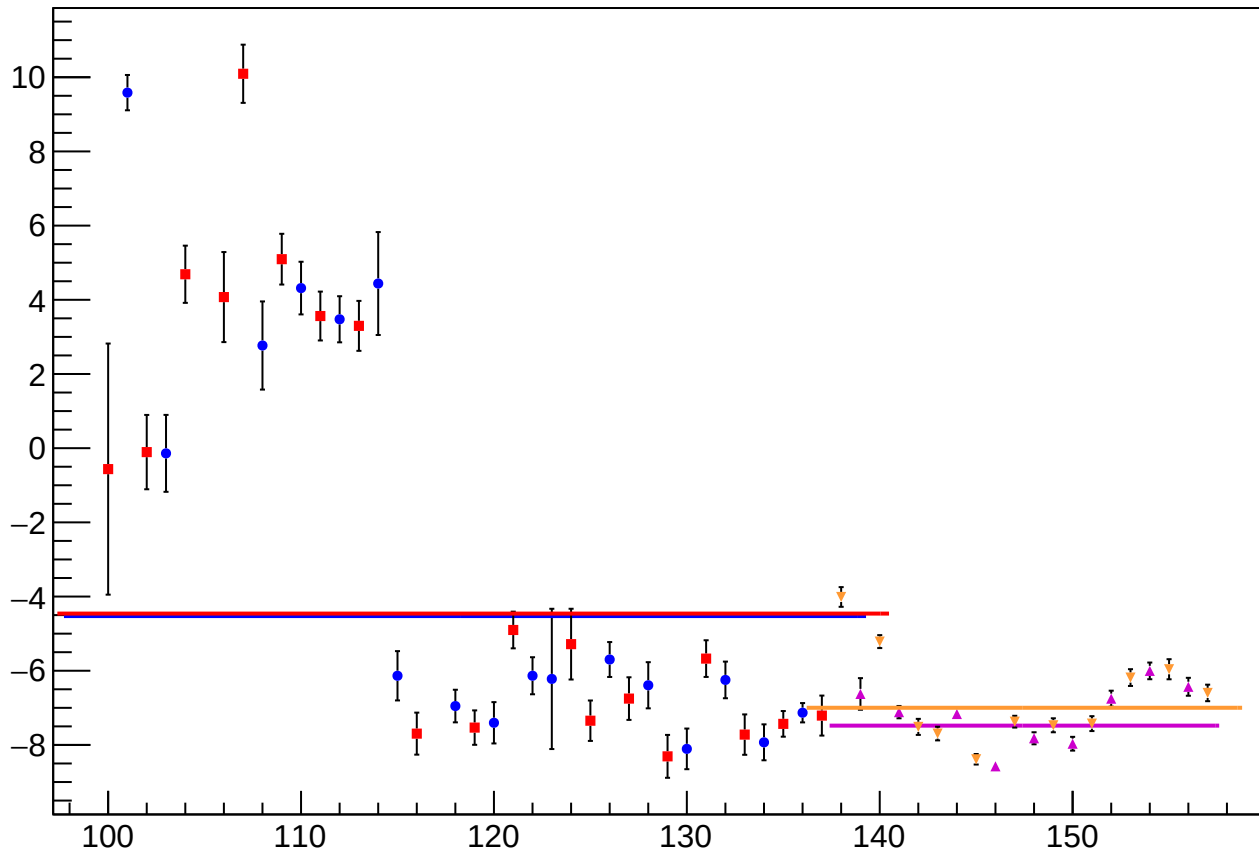
Left In: 16.731 $\pm$ 0.071 χ^2/NDF : 1692.0/8

+ sign 17.058 $\pm$ 0.067 χ^2/NDF : 1490.4/27

All: 16.953 $\pm$ 0.047 χ^2/NDF : 3721.0/55

- sign 16.844 $\pm$ 0.067 χ^2/NDF : 2225.4/27

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

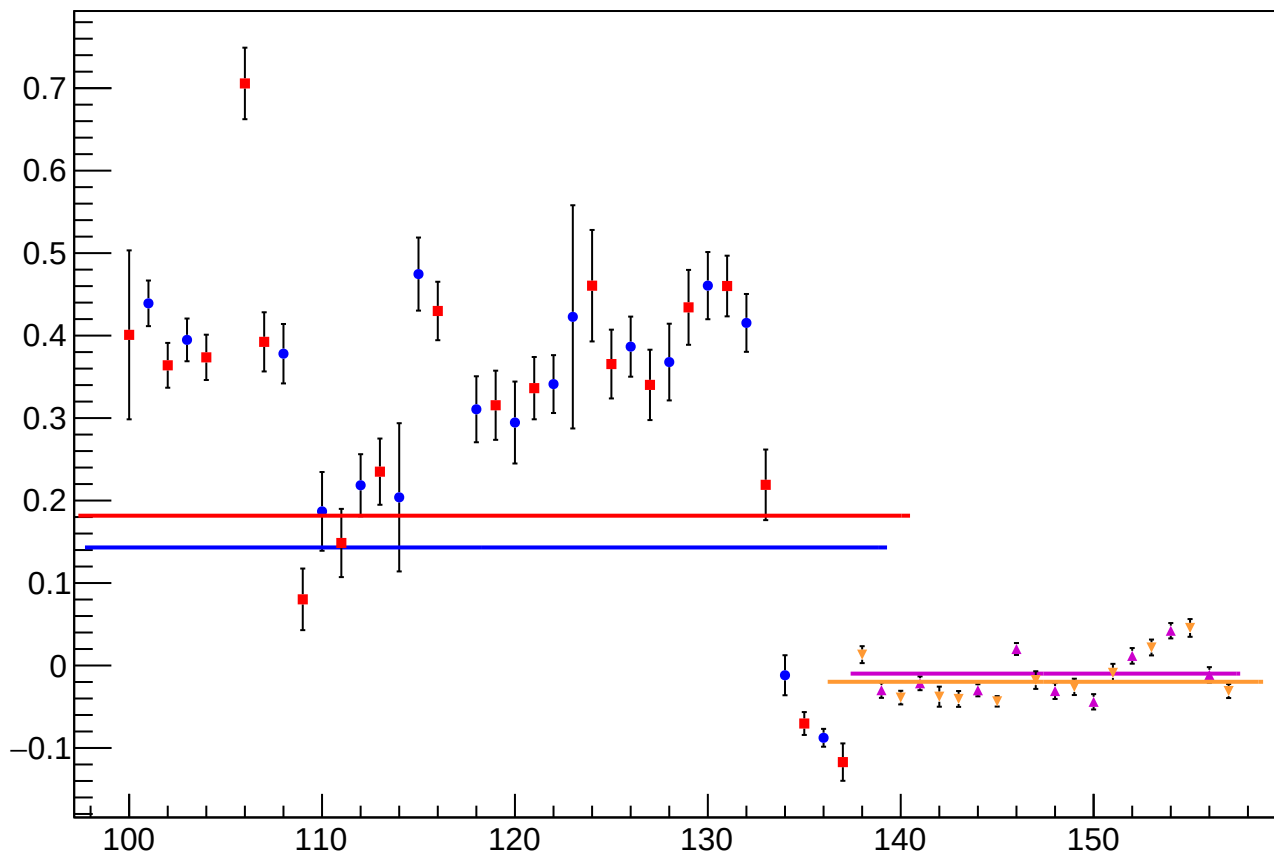
Left In: -7.480 ± 0.059 χ^2/NDF : 176.9/8

+ sign -6.580 ± 0.053 χ^2/NDF : 2286.7/27

All: -6.790 ± 0.038 χ^2/NDF : 4244.6/55

- sign -7.008 ± 0.054 χ^2/NDF : 1926.2/27

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 $\chi^2/\text{NDF}: 1007.8/18$

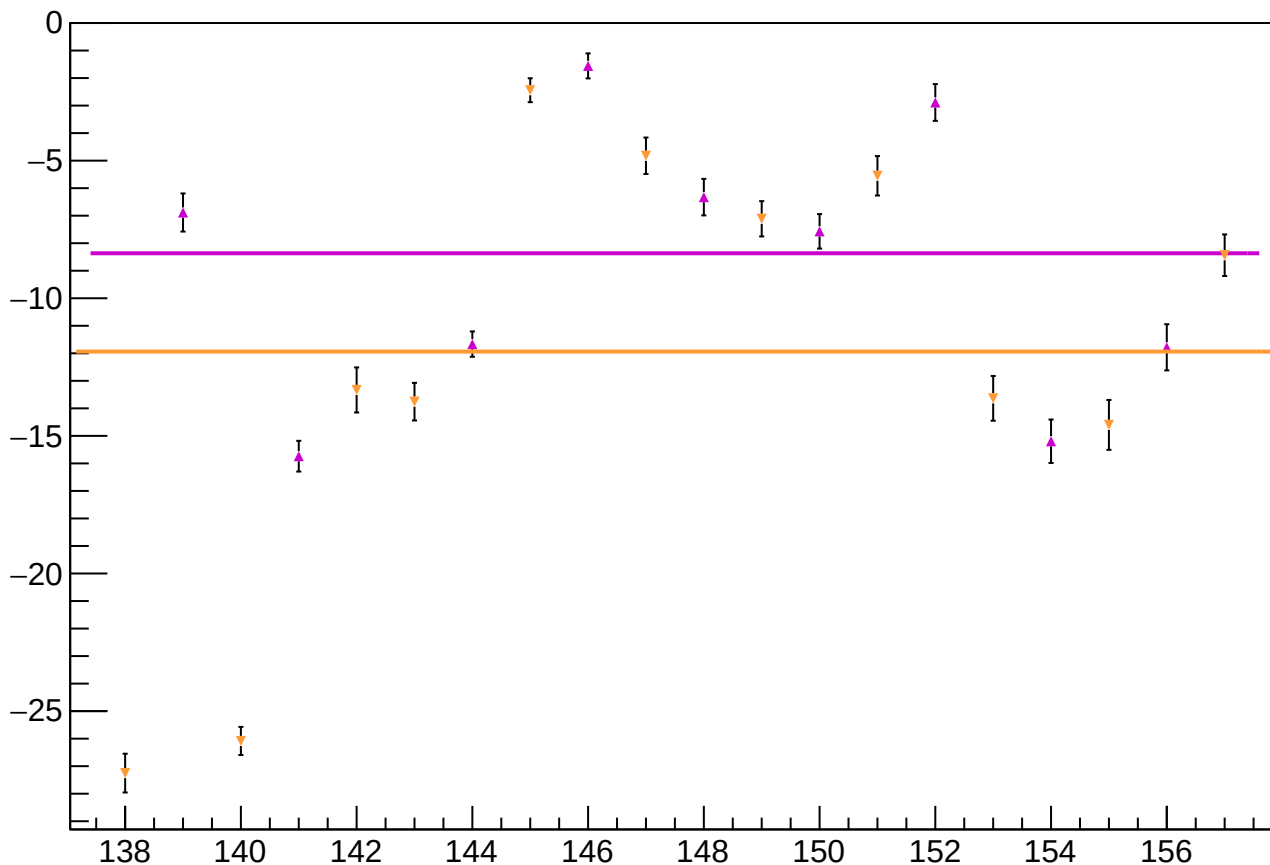
Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 85.9/8$

+ sign 0.002 ± 0.003 $\chi^2/\text{NDF}: 1616.2/27$

All: 0.009 ± 0.002 $\chi^2/\text{NDF}: 3305.1/55$

- sign 0.016 ± 0.003 $\chi^2/\text{NDF}: 1676.7/27$

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

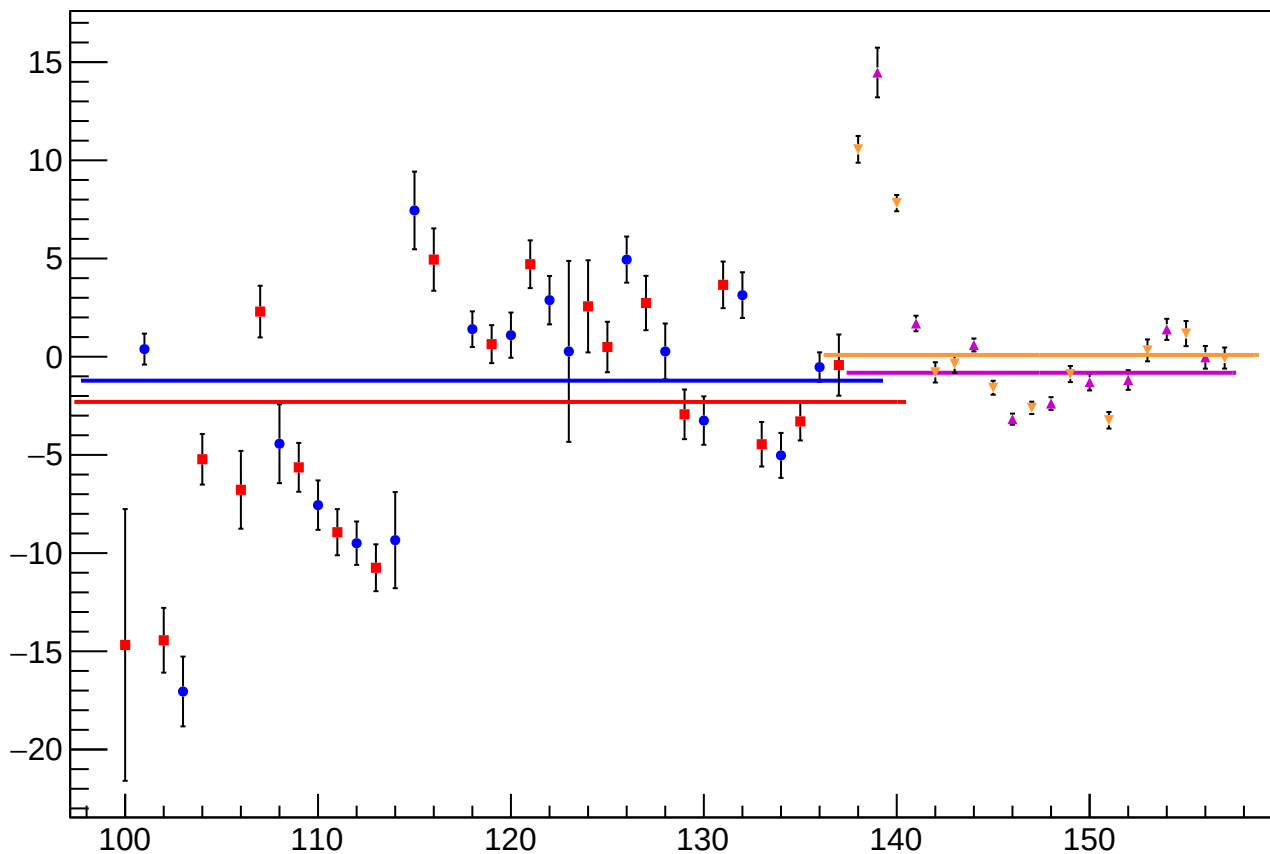
Left In: -8.366+/-0.200 χ^2/NDF :624.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.187+/-0.140 χ^2/NDF : 2800.7/19

- 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

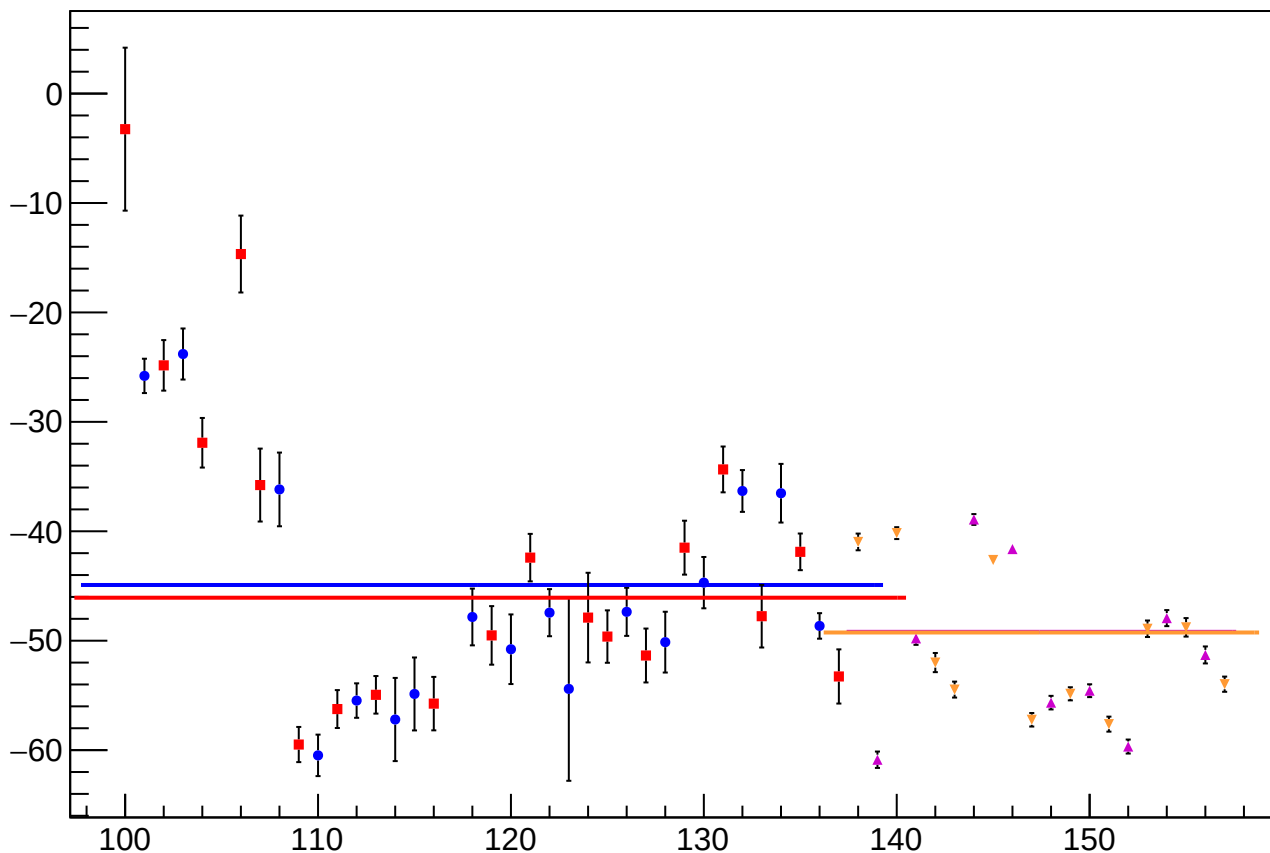
Left In: -0.817 ± 0.136 χ^2/NDF : 318.8/8

+ sign -0.142 ± 0.122 χ^2/NDF : 1050.6/27

All: -0.598 ± 0.087 χ^2/NDF : 1704.0/55

- sign -1.066 ± 0.124 χ^2/NDF : 625.1/27

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

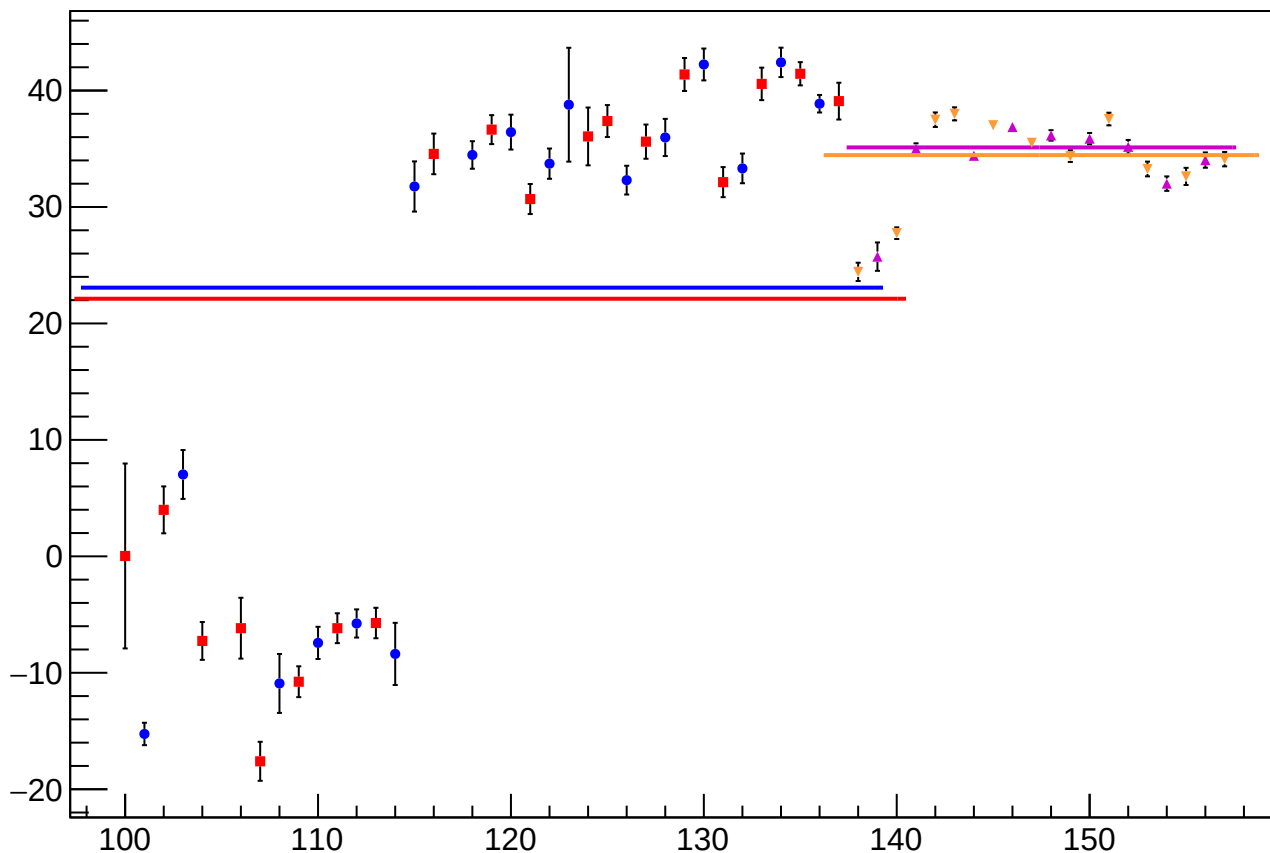
Left In: -49.190 ± 0.198 χ^2/NDF : 1448.9/8

+ sign -48.709 ± 0.184 χ^2/NDF : 1596.0/27

All: -48.757 ± 0.131 χ^2/NDF : 3529.6/55

- sign -48.805 ± 0.186 χ^2/NDF : 1933.4/27

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

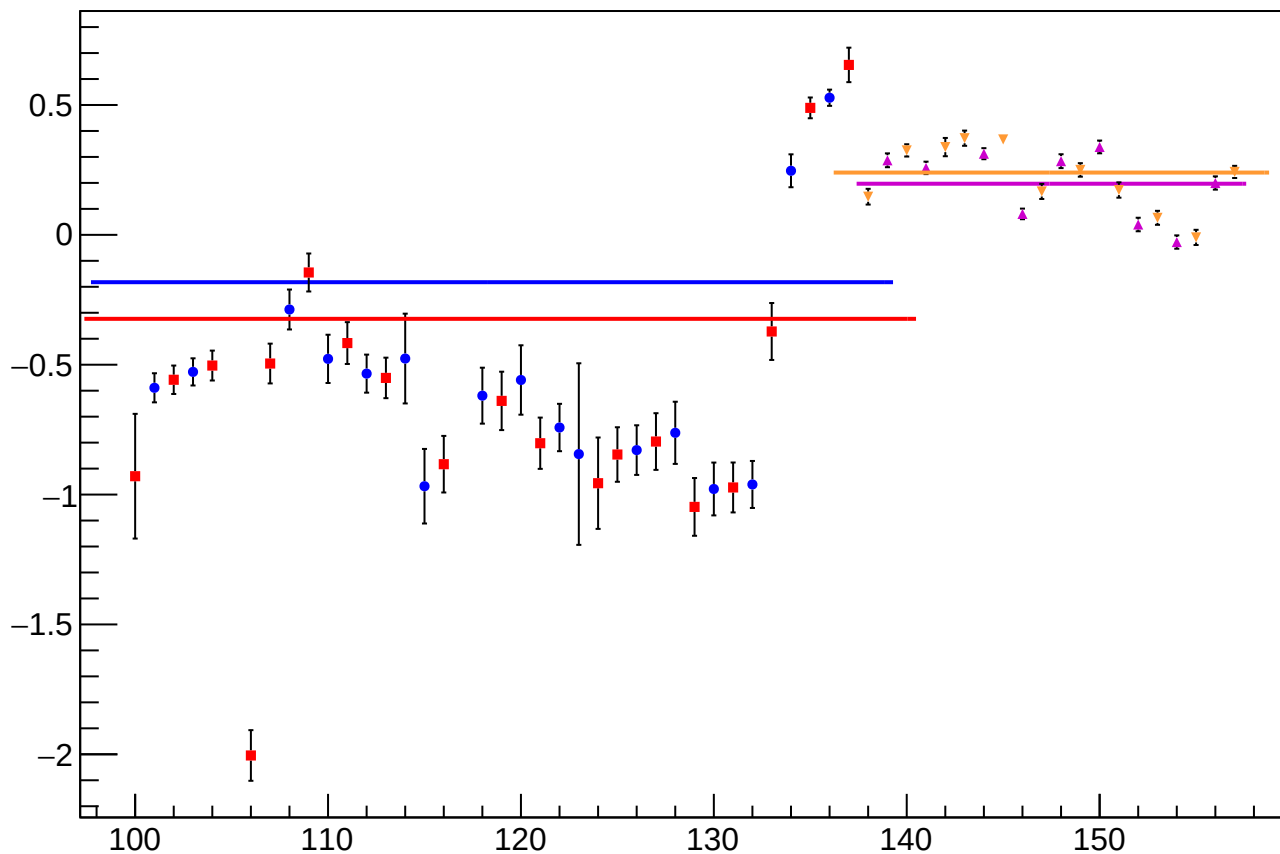
Left In: 35.117 $\pm$ 0.166 χ^2 /NDF:122.2/8

+ sign 32.151 $\pm$ 0.147 χ^2 /NDF: 5810.8/27

All: 32.381 $\pm$ 0.105 χ^2 /NDF: 11153.2/55

- sign 32.620 $\pm$ 0.149 χ^2 /NDF: 5337.4/27

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

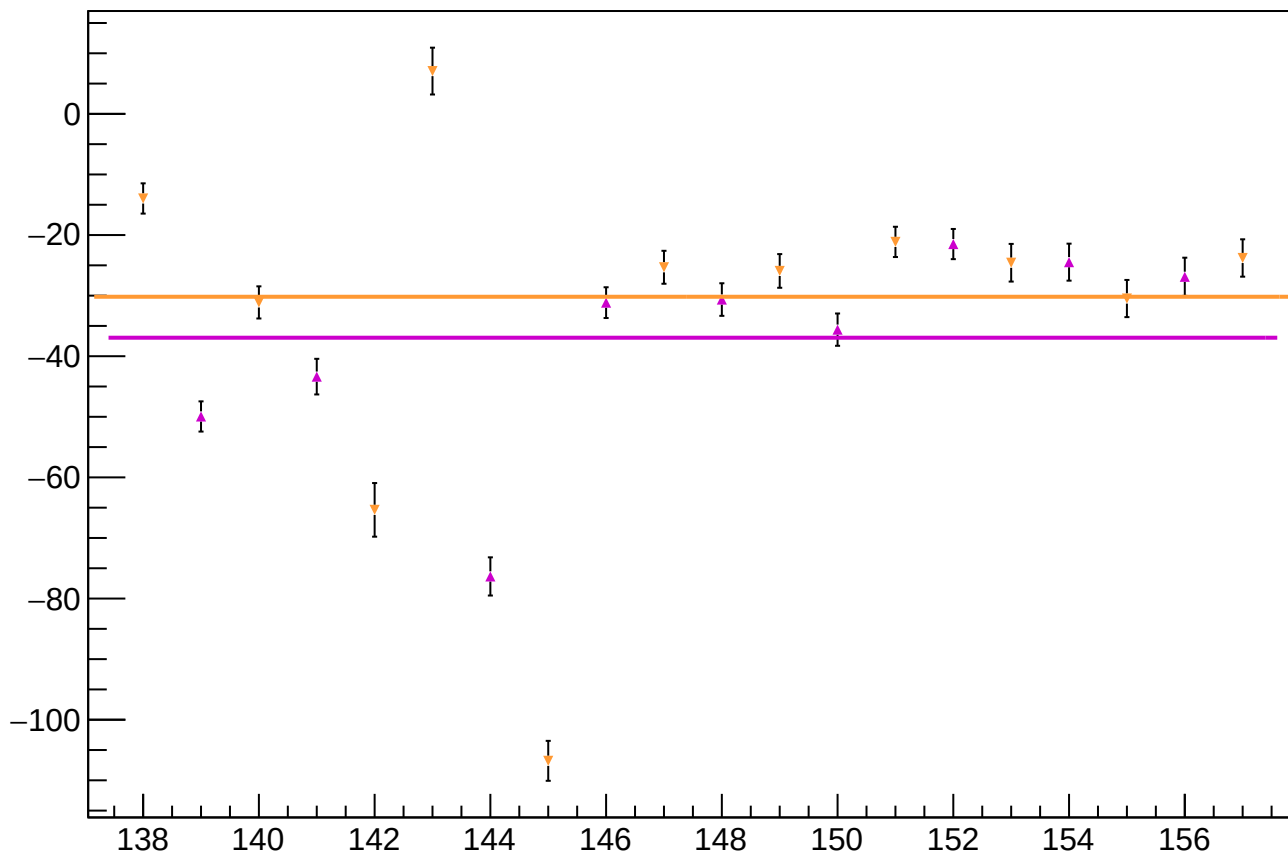
Left In: 0.197 ± 0.008 χ^2/NDF : 236.1/8

+ sign 0.170 ± 0.007 χ^2/NDF : 1698.1/27

All: 0.141 ± 0.005 χ^2/NDF : 3836.3/55

- sign 0.111 ± 0.007 χ^2/NDF : 2105.3/27

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

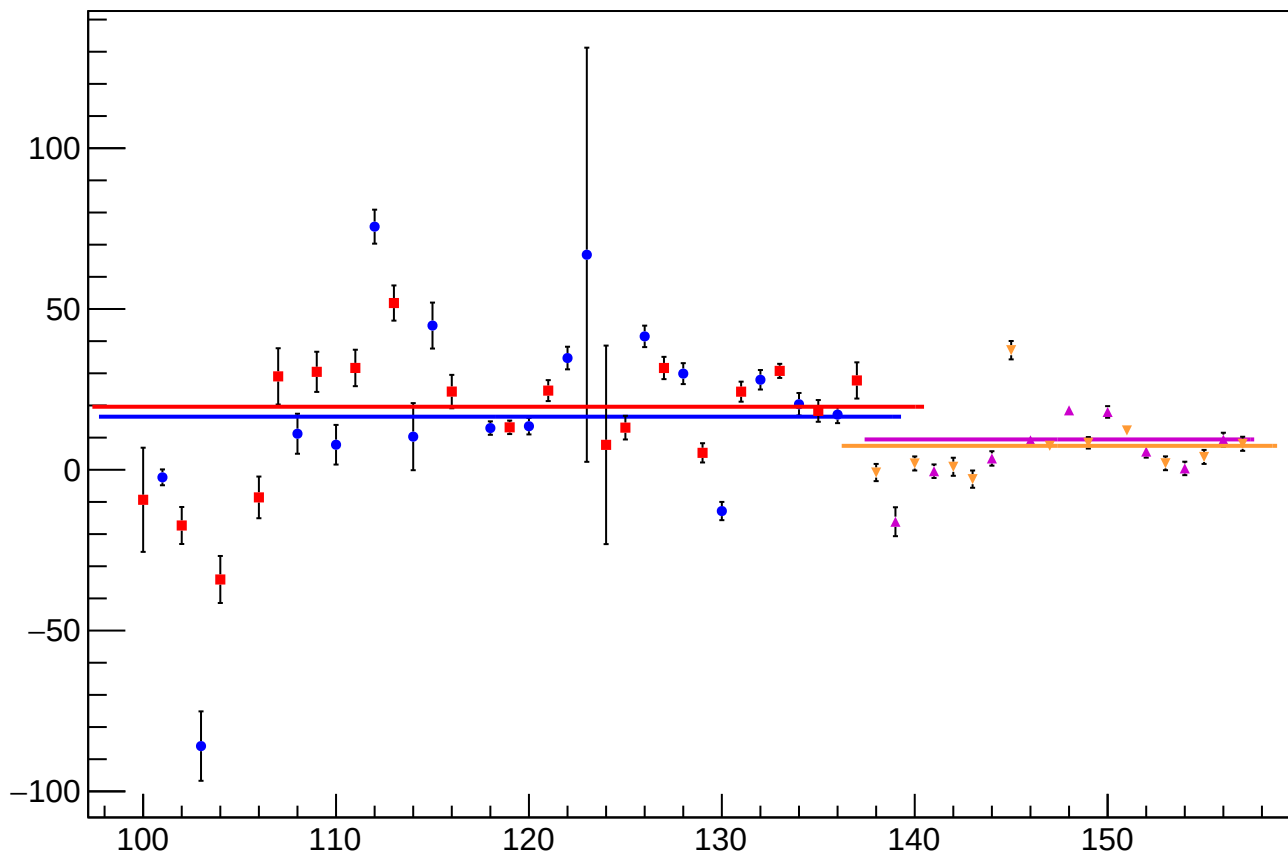
Left In: -36.947+/-0.920 χ^2/NDF : 264.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.466+/-0.641 χ^2/NDF : 1056.8/19

- 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 $\chi^2/\text{NDF}: 242.0/18$

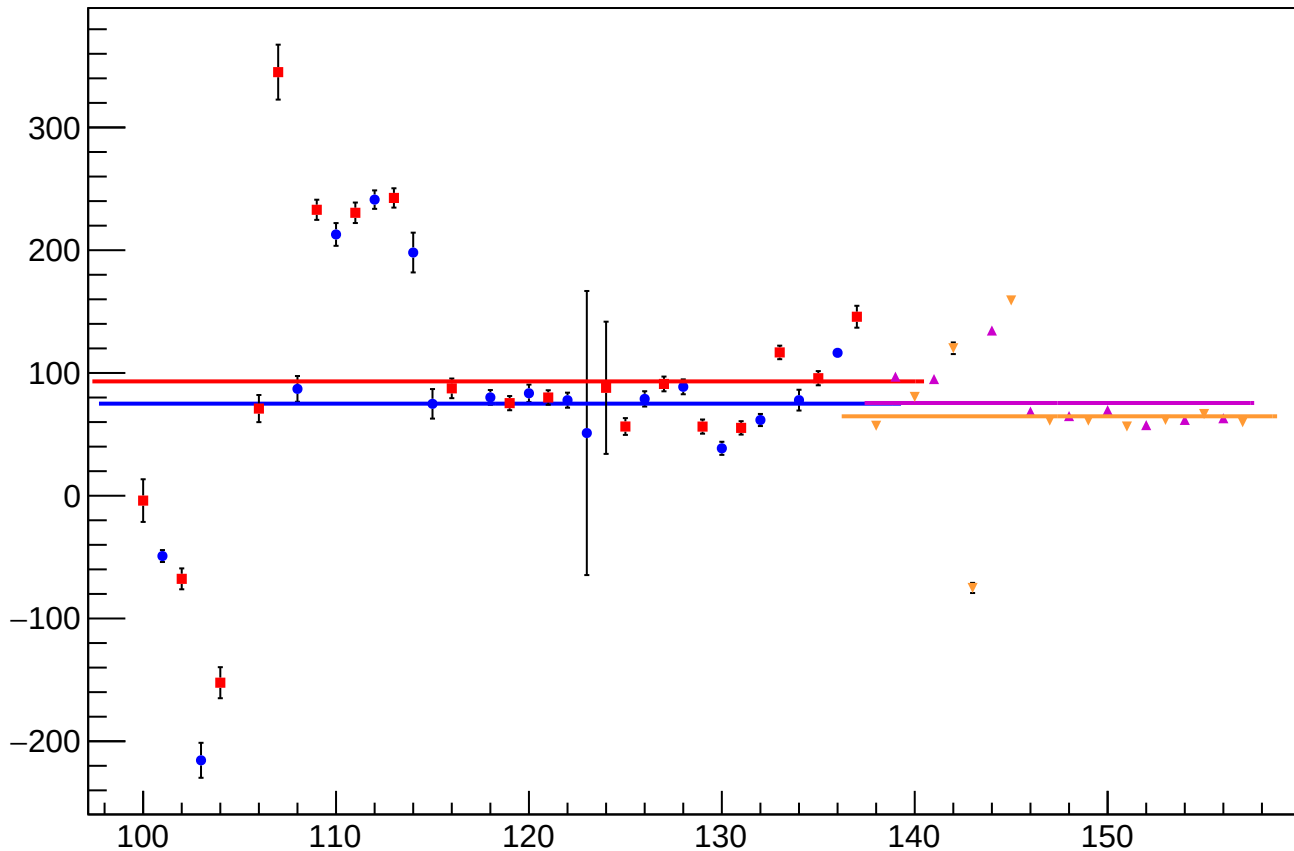
Left In: 9.439 ± 0.627 $\chi^2/\text{NDF}: 154.2/8$

+ sign 10.468 ± 0.489 $\chi^2/\text{NDF}: 761.1/27$

All: 11.562 ± 0.355 $\chi^2/\text{NDF}: 1253.8/55$

- sign 12.771 ± 0.514 $\chi^2/\text{NDF}: 482.2/27$

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

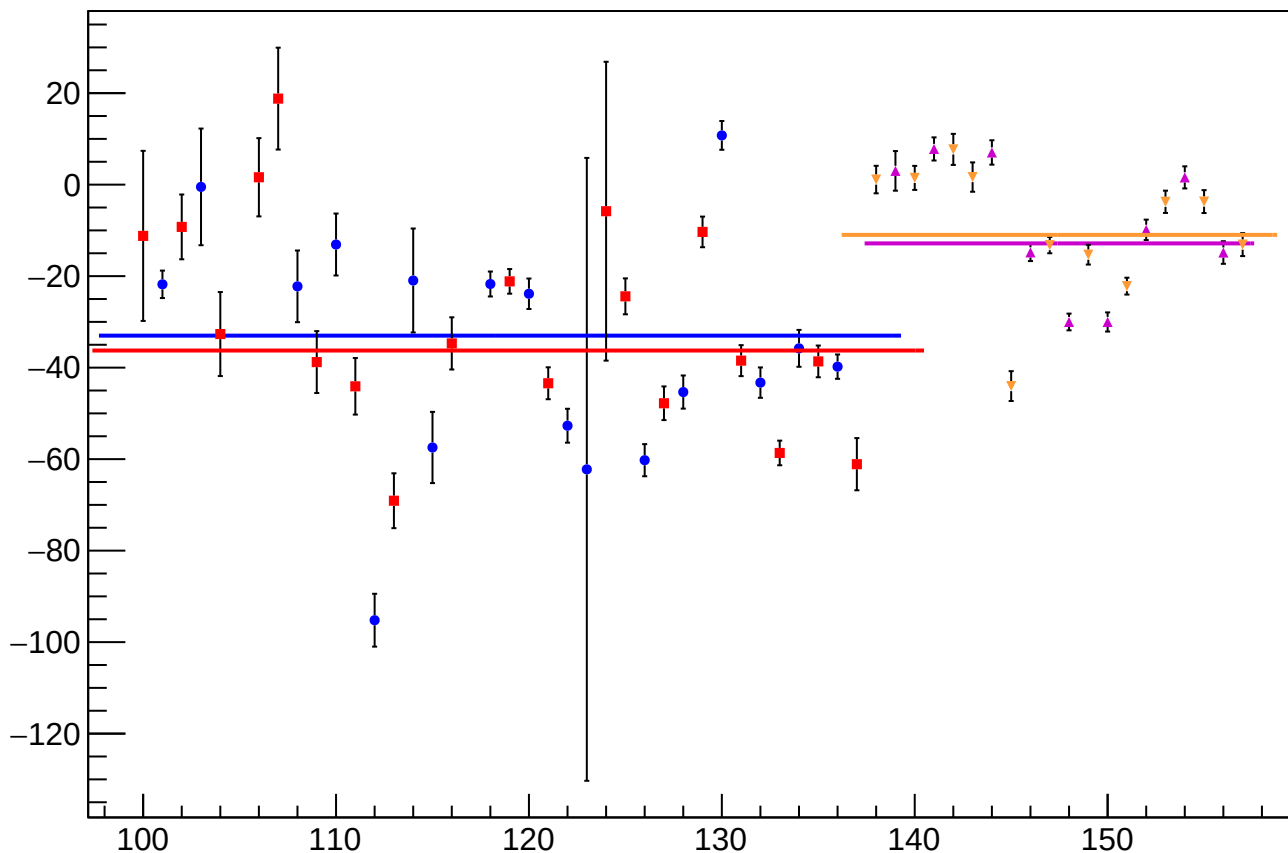
Left In: 75.548 $\pm$ 0.901 χ^2 /NDF: 539.1/8

+ sign 67.006 $\pm$ 0.774 χ^2 /NDF: 4135.4/27

All: 73.006 $\pm$ 0.555 χ^2 /NDF: 6883.2/55

- sign 79.365 $\pm$ 0.797 χ^2 /NDF: 2624.2/27

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 $\chi^2/\text{NDF}: 493.1/16$

Left Out: -10.983 ± 0.736 $\chi^2/\text{NDF}: 247.8/10$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

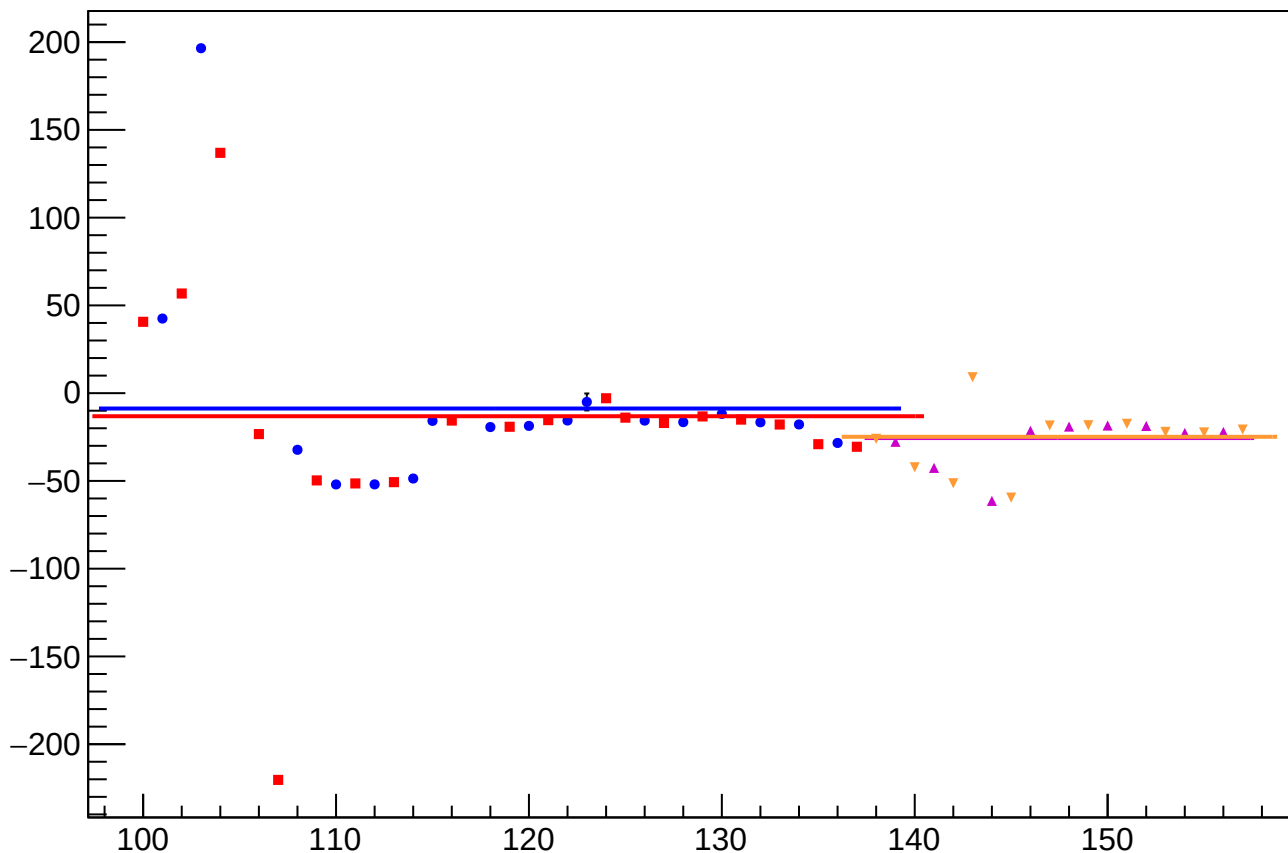
Left In: -12.842 ± 0.769 $\chi^2/\text{NDF}: 330.7/8$

+ sign -19.012 ± 0.587 $\chi^2/\text{NDF}: 1067.2/27$

All: -20.087 ± 0.425 $\chi^2/\text{NDF}: 2035.9/55$

- sign -21.268 ± 0.615 $\chi^2/\text{NDF}: 961.7/27$

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 $\chi^2/\text{NDF}: 558628.0/18$

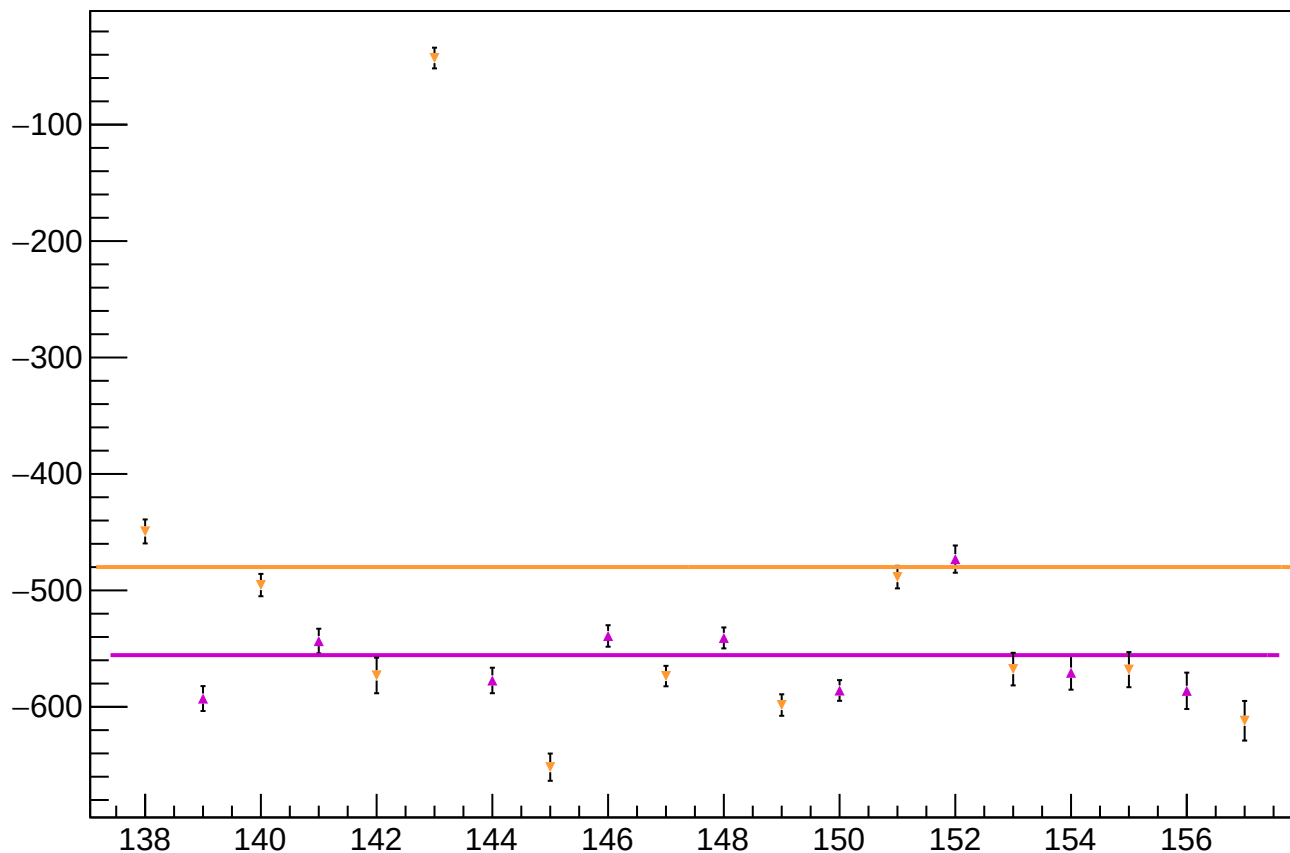
Left In: -25.579 ± 0.036 $\chi^2/\text{NDF}: 94278.5/8$

+ sign -20.677 ± 0.030 $\chi^2/\text{NDF}: 793720.0/27$

All: -21.555 ± 0.021 $\chi^2/\text{NDF}: 1478872.4/55$

- sign -22.483 ± 0.031 $\chi^2/\text{NDF}: 683387.5/27$

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

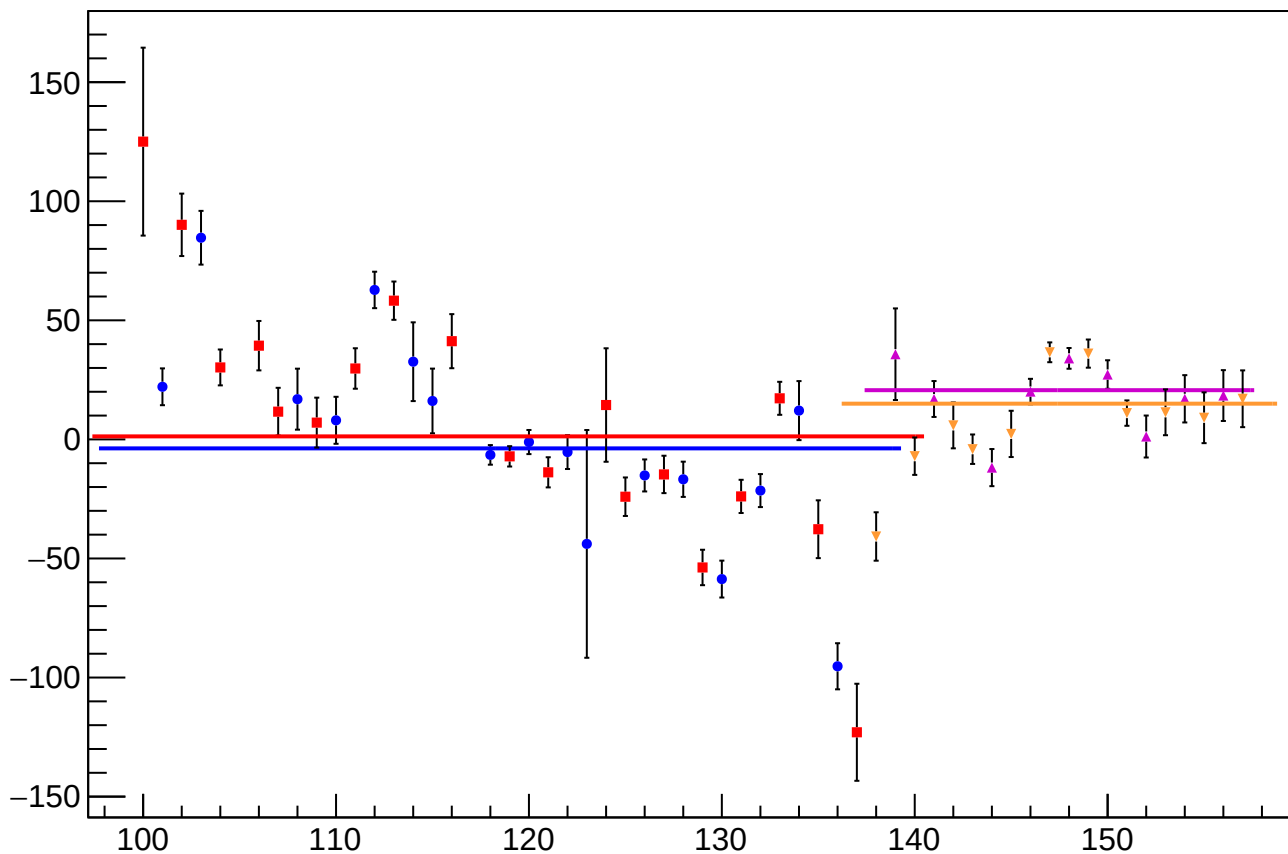
Left In: -555.599+/-3.559 χ^2/NDF : 89.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -514.719+/-2.413 χ^2/NDF : 3423.7/19

- 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

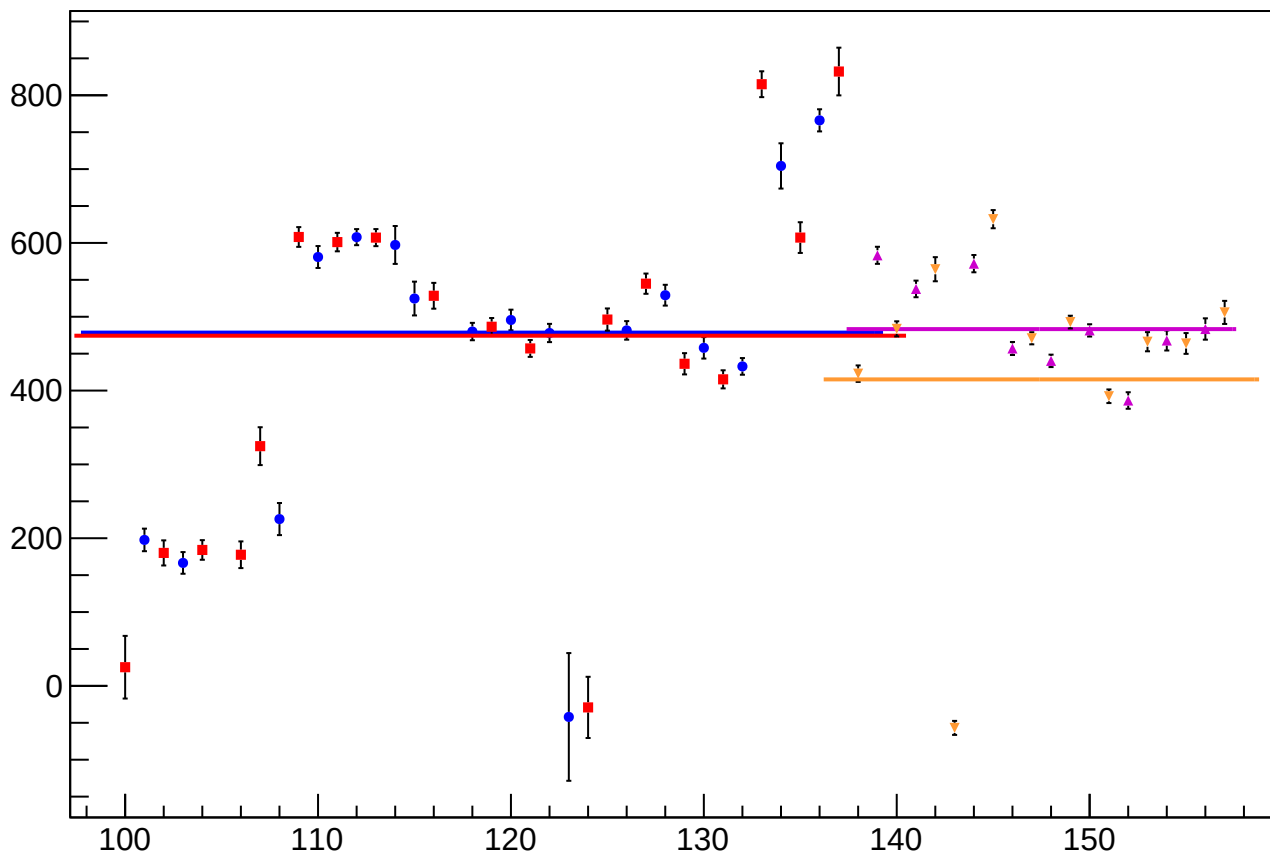
Left In: 20.667 ± 2.332 χ^2/NDF : 33.9/8

+ sign 4.514 ± 1.411 χ^2/NDF : 448.7/27

All: 6.698 ± 1.022 χ^2/NDF : 832.6/55

- sign 9.107 ± 1.482 χ^2/NDF : 378.9/27

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

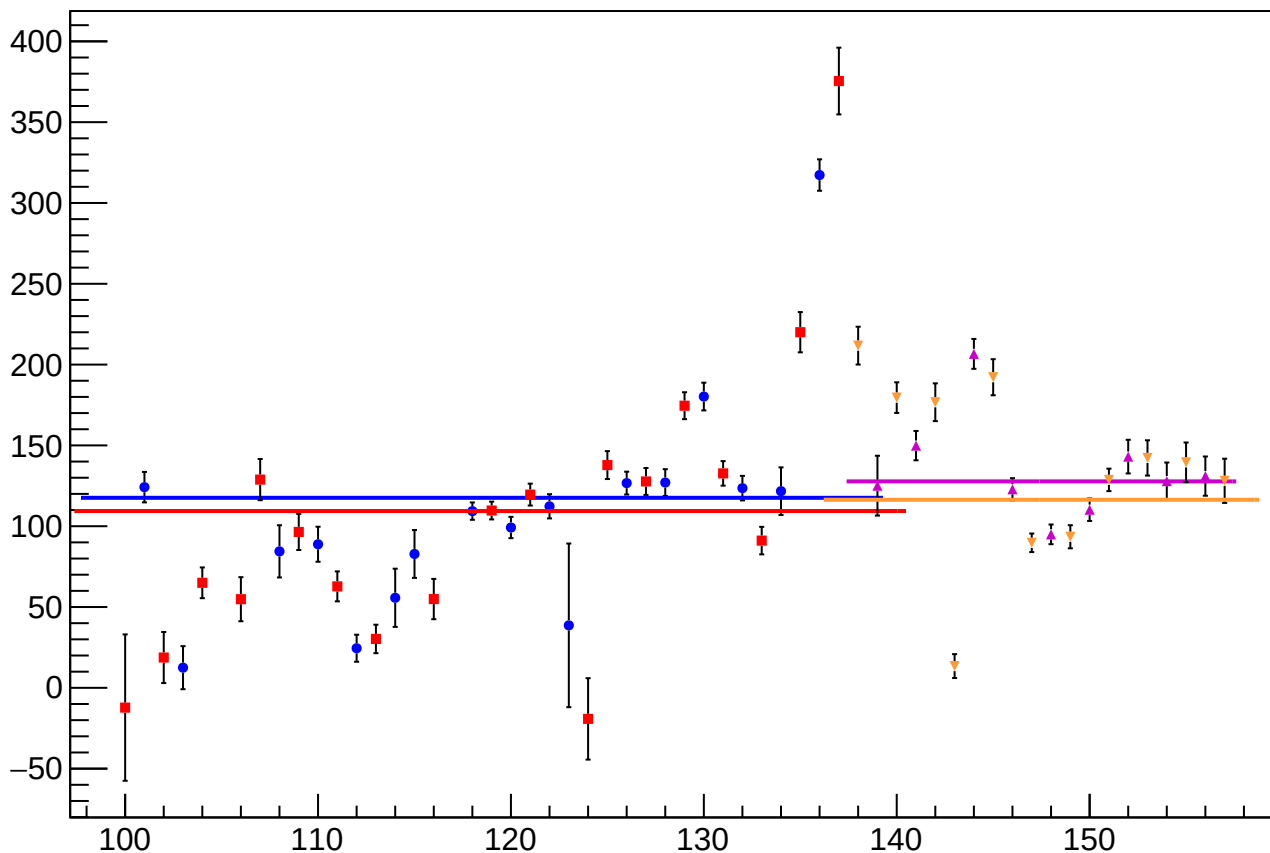
Left In: 483.265 $\pm$ 3.486 χ^2 /NDF: 266.3/8

+ sign 443.437 $\pm$ 2.425 χ^2 /NDF: 4901.1/27

All: 460.742 $\pm$ 1.734 χ^2 /NDF: 7561.9/55

- sign 478.856 $\pm$ 2.481 χ^2 /NDF: 2556.6/27

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 $\pm$ 2.193 χ^2 /NDF: 706.9/16

Left Out: 116.376 $\pm$ 2.643 χ^2 /NDF: 422.2/10

Right Out: 109.400 $\pm$ 2.210 χ^2 /NDF: 571.2/18

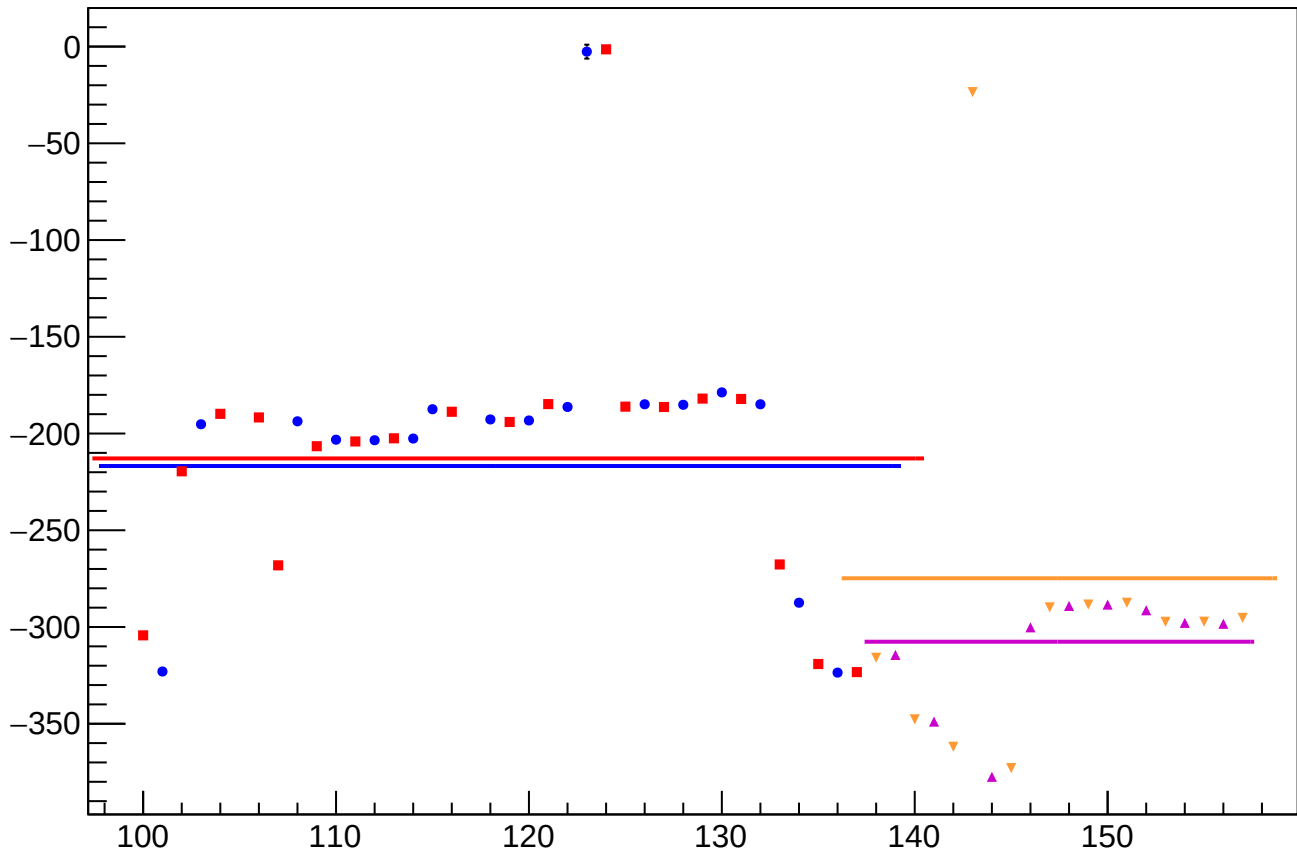
Left In: 127.730 $\pm$ 2.897 χ^2 /NDF: 116.8/8

+ sign 117.092 $\pm$ 1.688 χ^2 /NDF: 1129.2/27

All: 116.637 $\pm$ 1.217 χ^2 /NDF: 1842.6/55

- sign 116.143 $\pm$ 1.757 χ^2 /NDF: 713.2/27

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 $\chi^2/\text{NDF}: 116393.6/18$

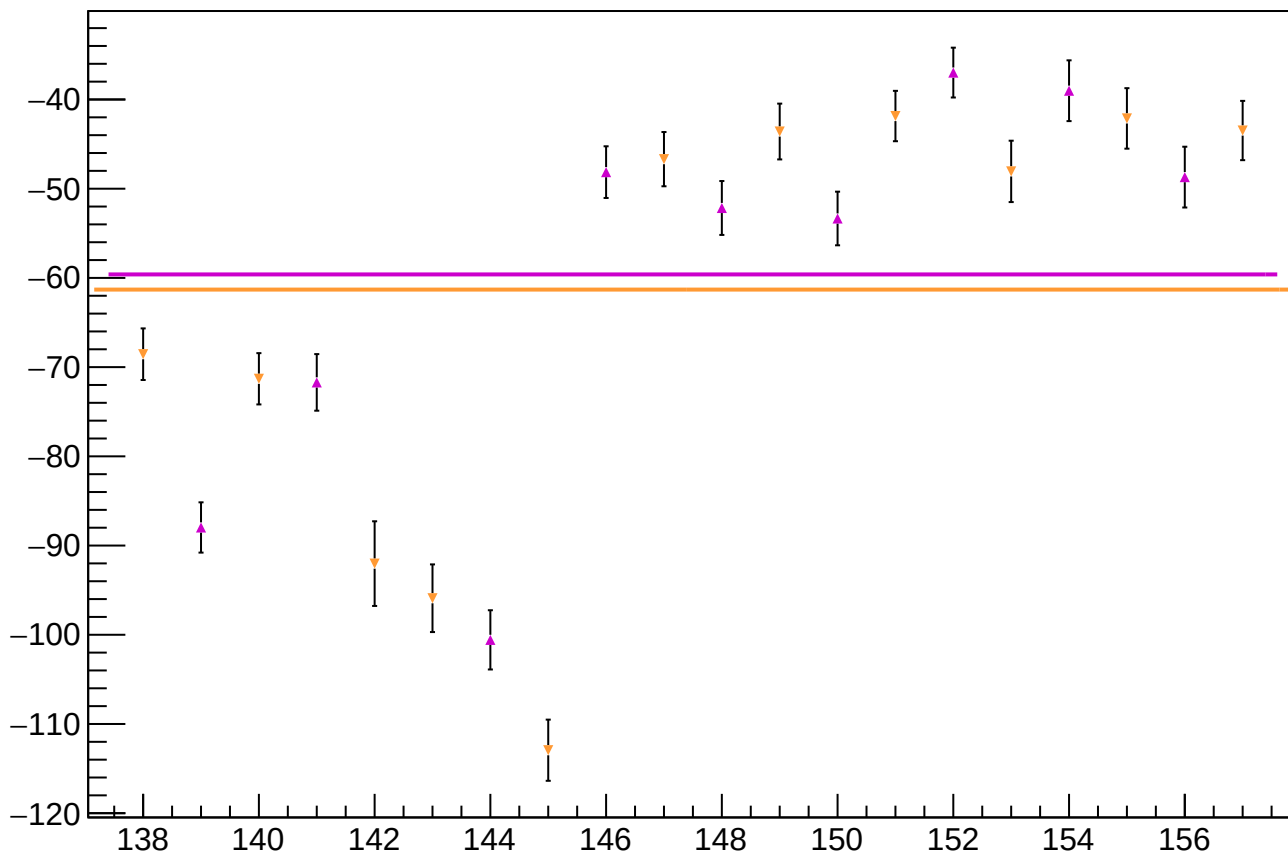
Left In: -307.603 ± 0.141 $\chi^2/\text{NDF}: 35094.8/8$

+ sign -246.230 ± 0.095 $\chi^2/\text{NDF}: 780056.3/27$

All: -251.283 ± 0.067 $\chi^2/\text{NDF}: 1180583.3/55$

- sign -256.387 ± 0.096 $\chi^2/\text{NDF}: 394865.4/27$

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

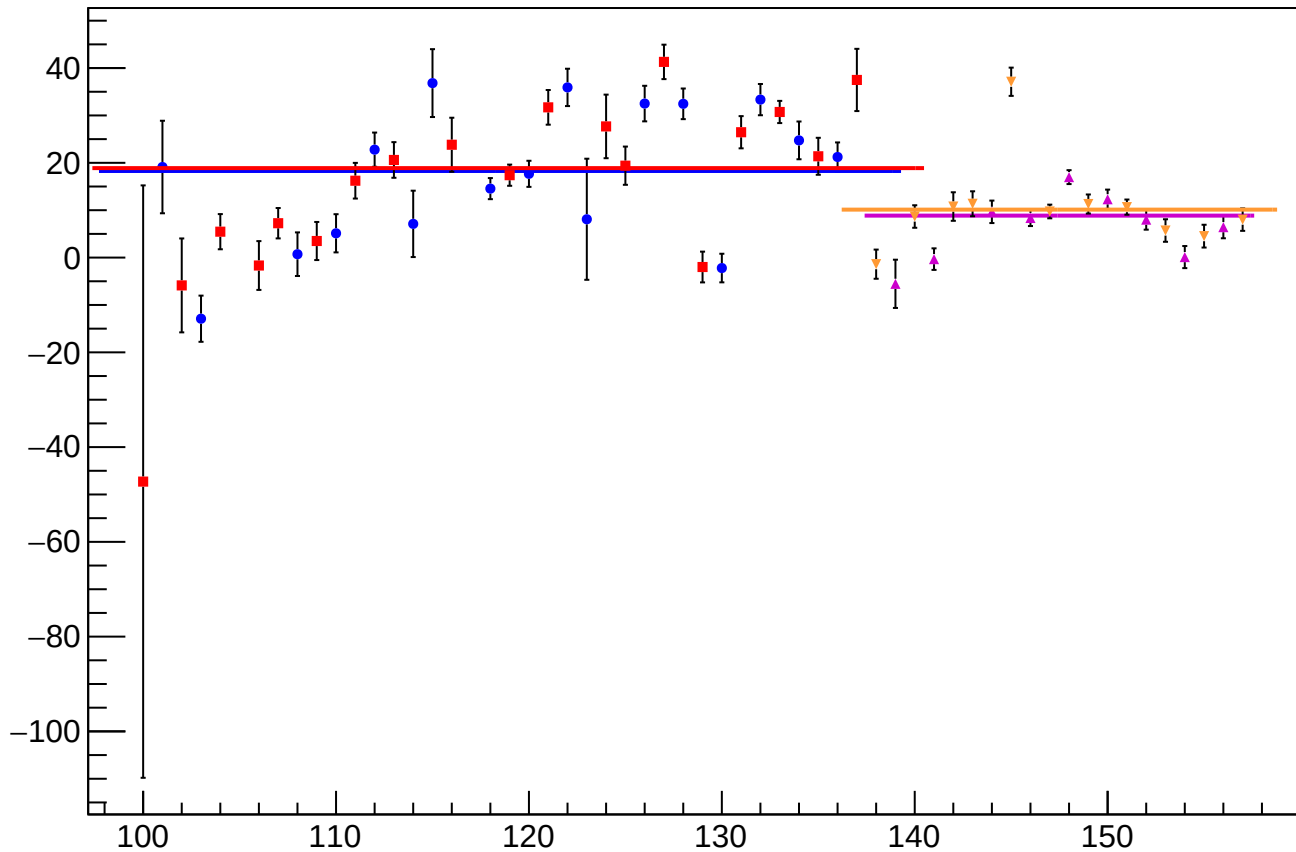
Left In: -59.608+/-1.023 χ^2/NDF : 406.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.493+/-0.708 χ^2/NDF : 956.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 10.122 $\pm$ 0.660 χ^2 /NDF: 106.7/10

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

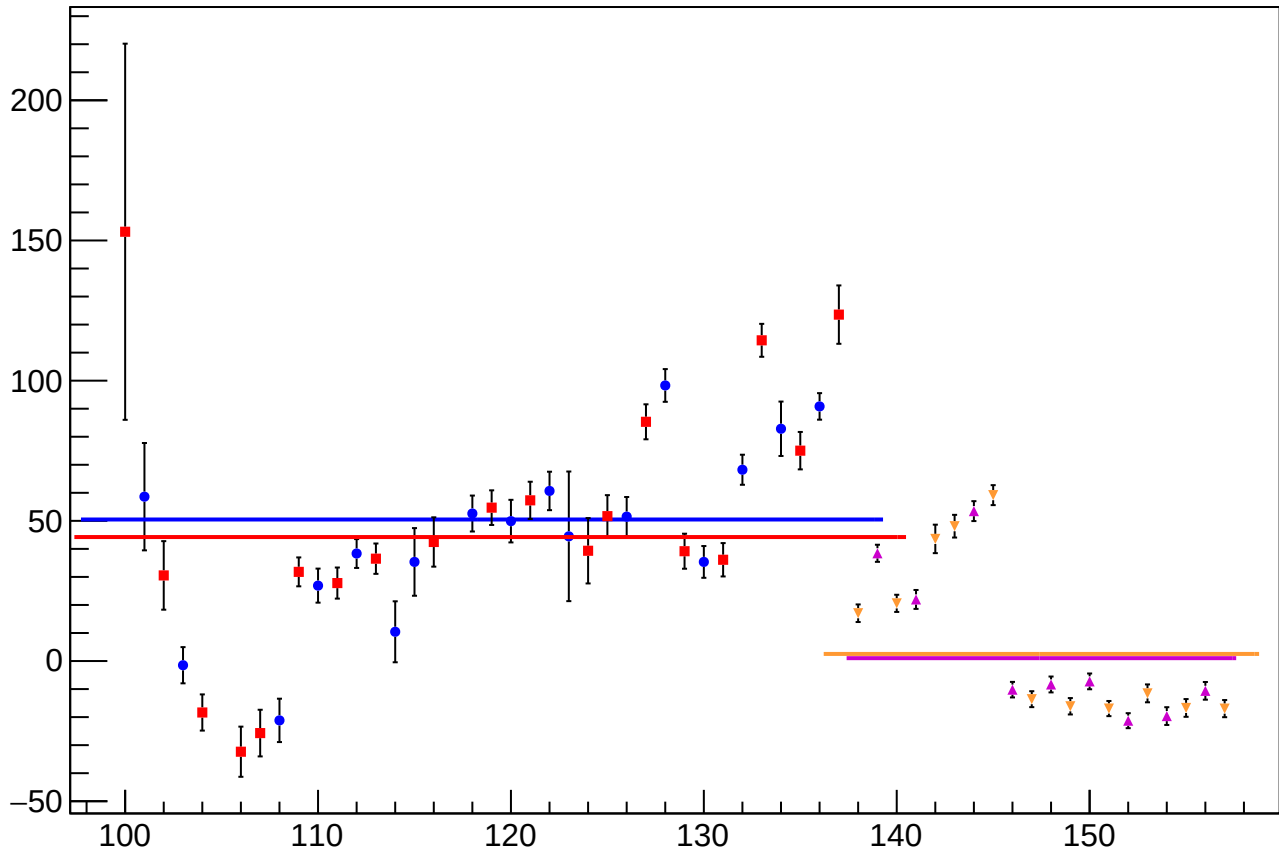
Left In: 8.858 $\pm$ 0.699 χ^2 /NDF: 73.3/8

+ sign 12.953 $\pm$ 0.533 χ^2 /NDF: 364.3/27

All: 12.889 $\pm$ 0.381 χ^2 /NDF: 717.3/55

- sign 12.823 $\pm$ 0.544 χ^2 /NDF: 353.0/27

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 $\chi^2/\text{NDF}: 534.4/18$

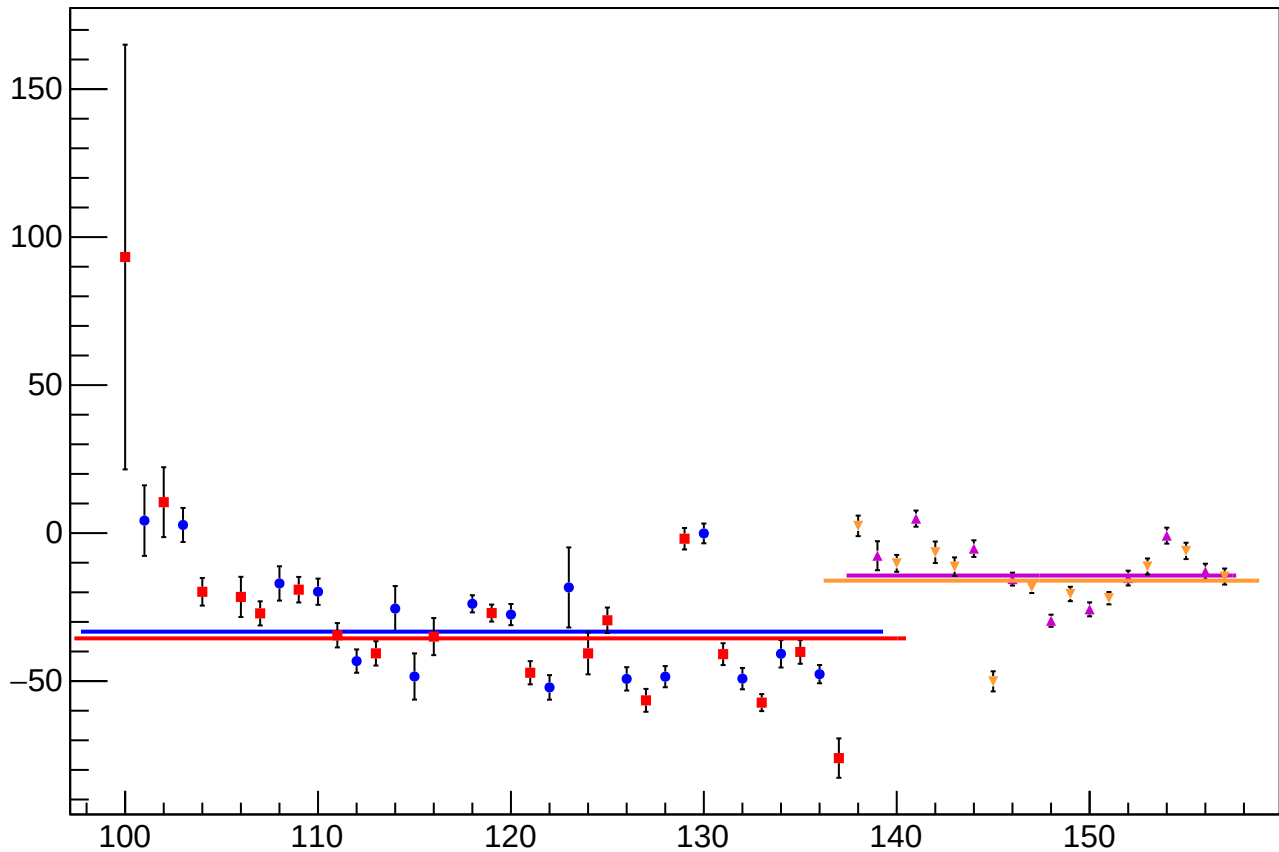
Left In: 1.023 ± 1.002 $\chi^2/\text{NDF}: 568.9/8$

+ sign 14.593 ± 0.836 $\chi^2/\text{NDF}: 1699.6/27$

All: 13.891 ± 0.596 $\chi^2/\text{NDF}: 3326.8/55$

- sign 13.166 ± 0.850 $\chi^2/\text{NDF}: 1625.8/27$

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

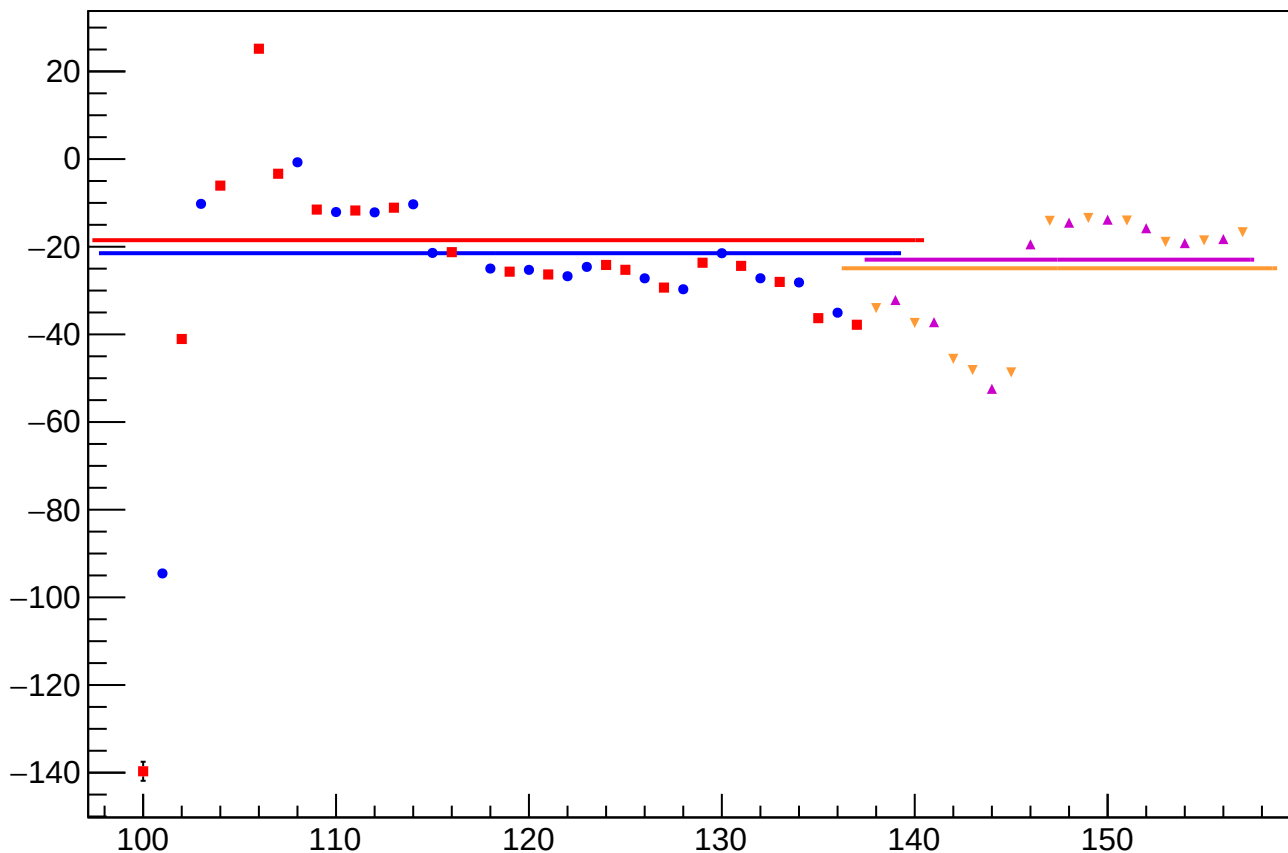
Left In: -14.336 ± 0.855 χ^2/NDF : 166.4/8

+ sign -22.621 ± 0.637 χ^2/NDF : 632.9/27

All: -22.994 ± 0.454 χ^2/NDF : 1350.3/55

- sign -23.380 ± 0.648 χ^2/NDF : 716.7/27

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 χ^2/NDF : 49009.8/16

Left Out: -24.914 ± 0.038 χ^2/NDF : 109754.6/10

Right Out: -18.506 ± 0.057 χ^2/NDF : 80734.5/18

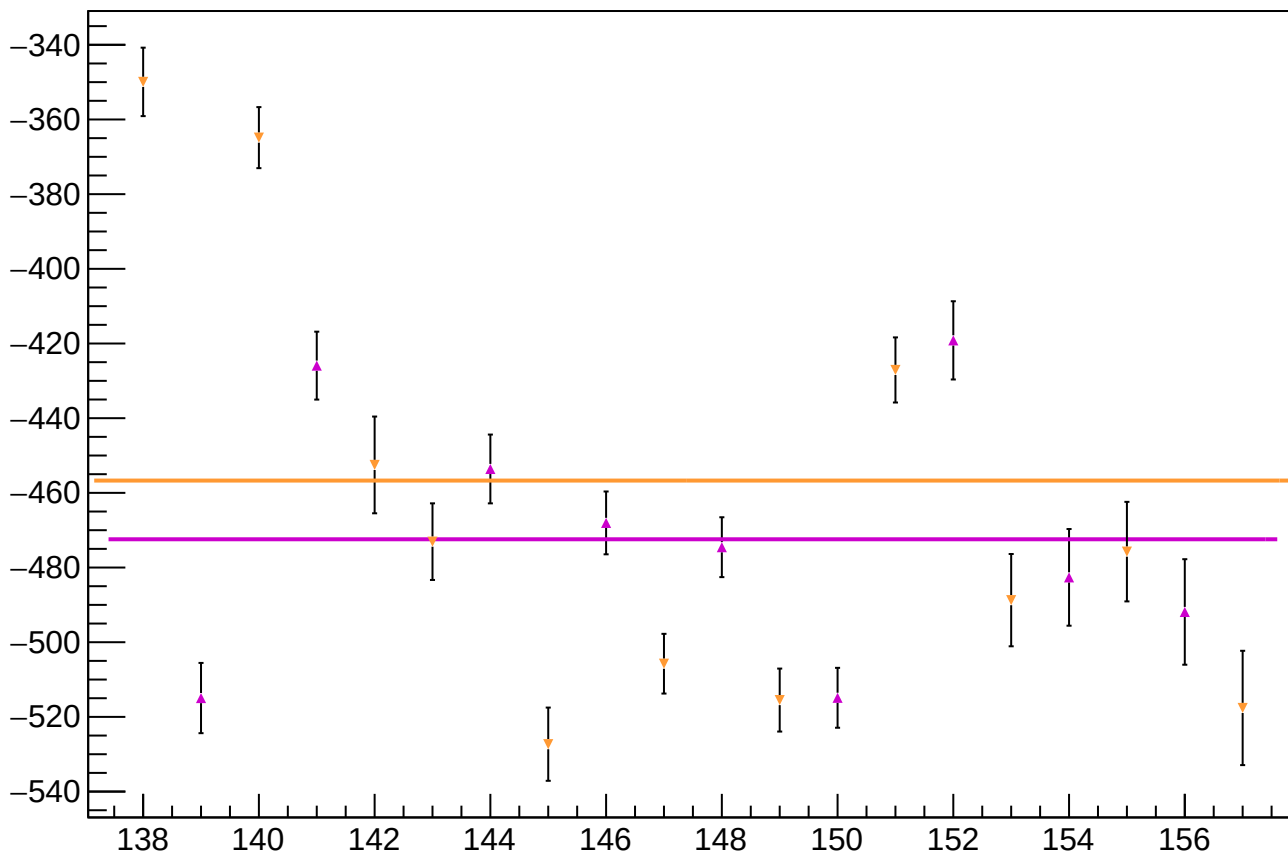
Left In: -22.950 ± 0.039 χ^2/NDF : 73475.0/8

+ sign -23.889 ± 0.032 χ^2/NDF : 161172.8/27

All: -22.722 ± 0.023 χ^2/NDF : 322144.7/55

- sign -21.520 ± 0.033 χ^2/NDF : 158282.1/27

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

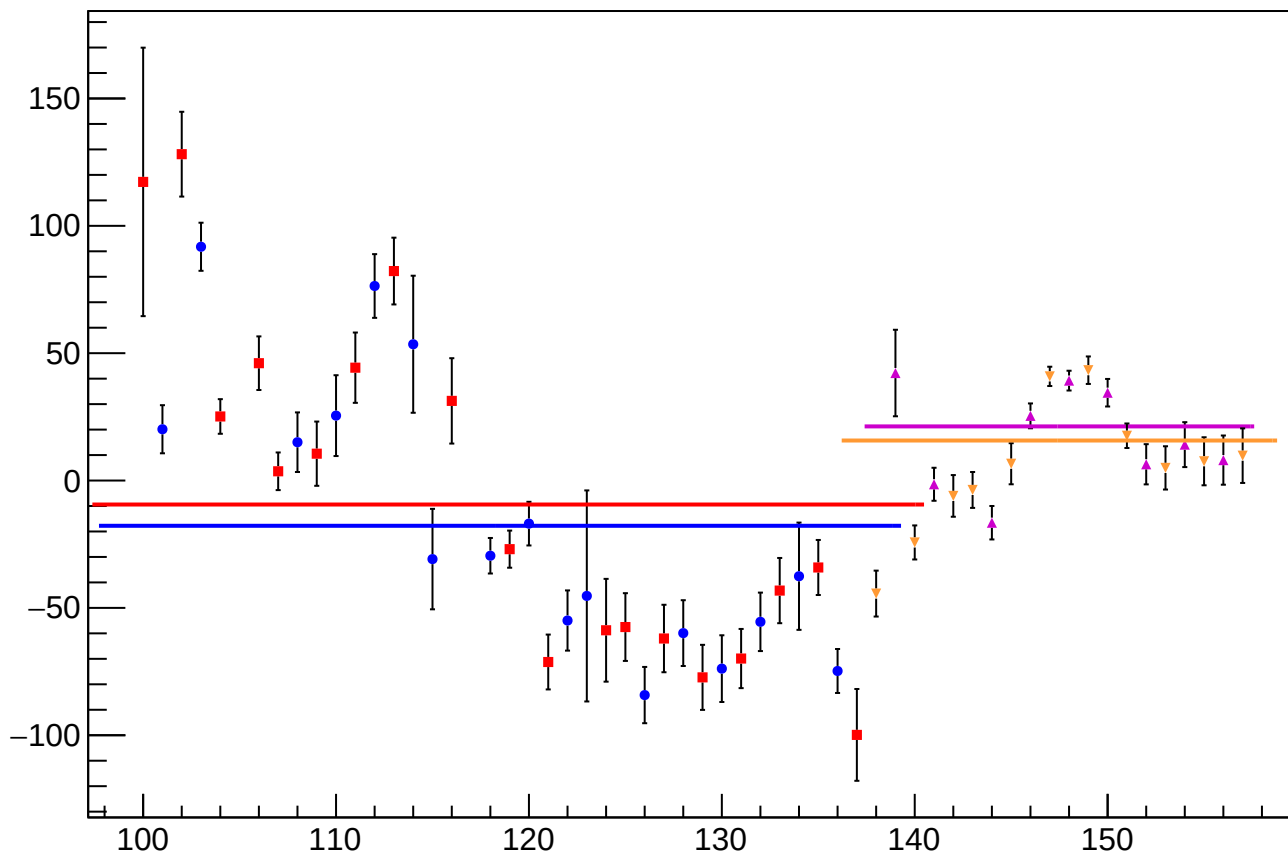
Left In: -472.431+/-3.155 χ^2/NDF : 107.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.142+/-2.169 χ^2/NDF : 559.4/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 15.716 ± 1.938 χ^2/NDF : 169.4/10

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

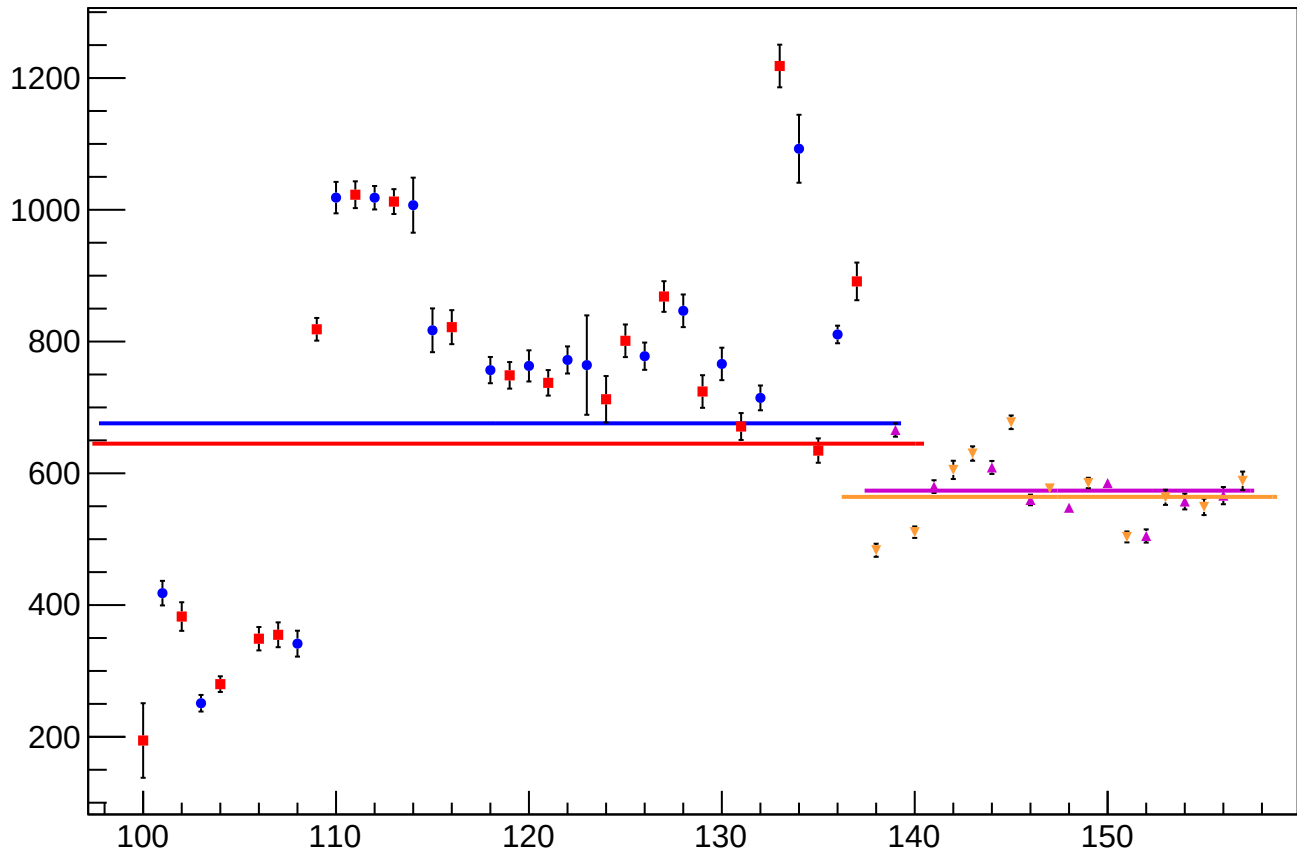
Left In: 21.254 ± 2.073 χ^2/NDF : 81.2/8

+ sign 4.771 ± 1.590 χ^2/NDF : 630.8/27

All: 7.039 ± 1.136 χ^2/NDF : 1170.2/55

- sign 9.406 ± 1.624 χ^2/NDF : 535.3/27

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

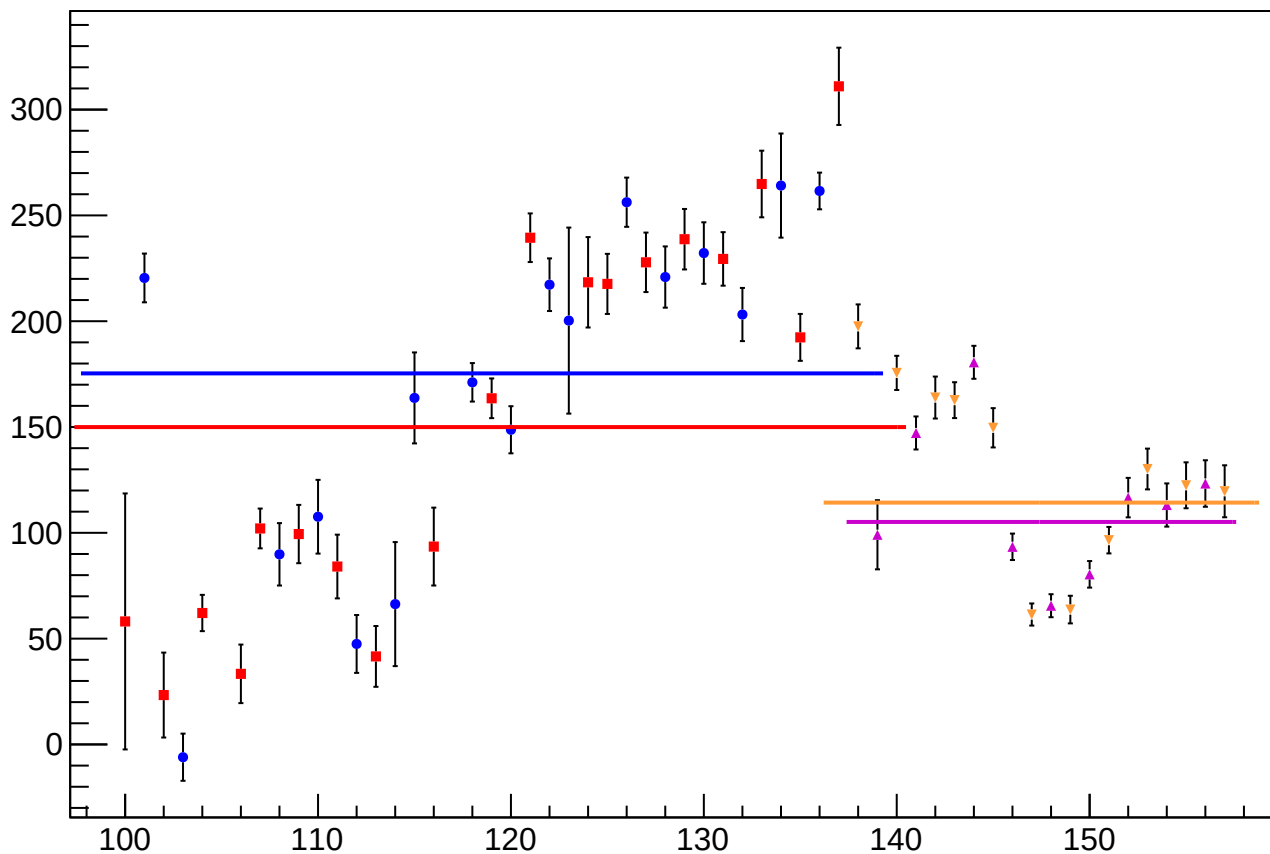
Left In: 573.701 ± 3.097 χ^2/NDF : 161.6/8

+ sign 592.932 ± 2.554 χ^2/NDF : 3288.5/27

All: 593.902 ± 1.821 χ^2/NDF : 6731.3/55

- sign 594.904 ± 2.596 χ^2/NDF : 3442.5/27

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 ± 3.203 $\chi^2/\text{NDF}: 638.5/16$

Left Out: 114.283 ± 2.413 $\chi^2/\text{NDF}: 368.1/10$

Right Out: 149.966 ± 3.045 $\chi^2/\text{NDF}: 693.2/18$

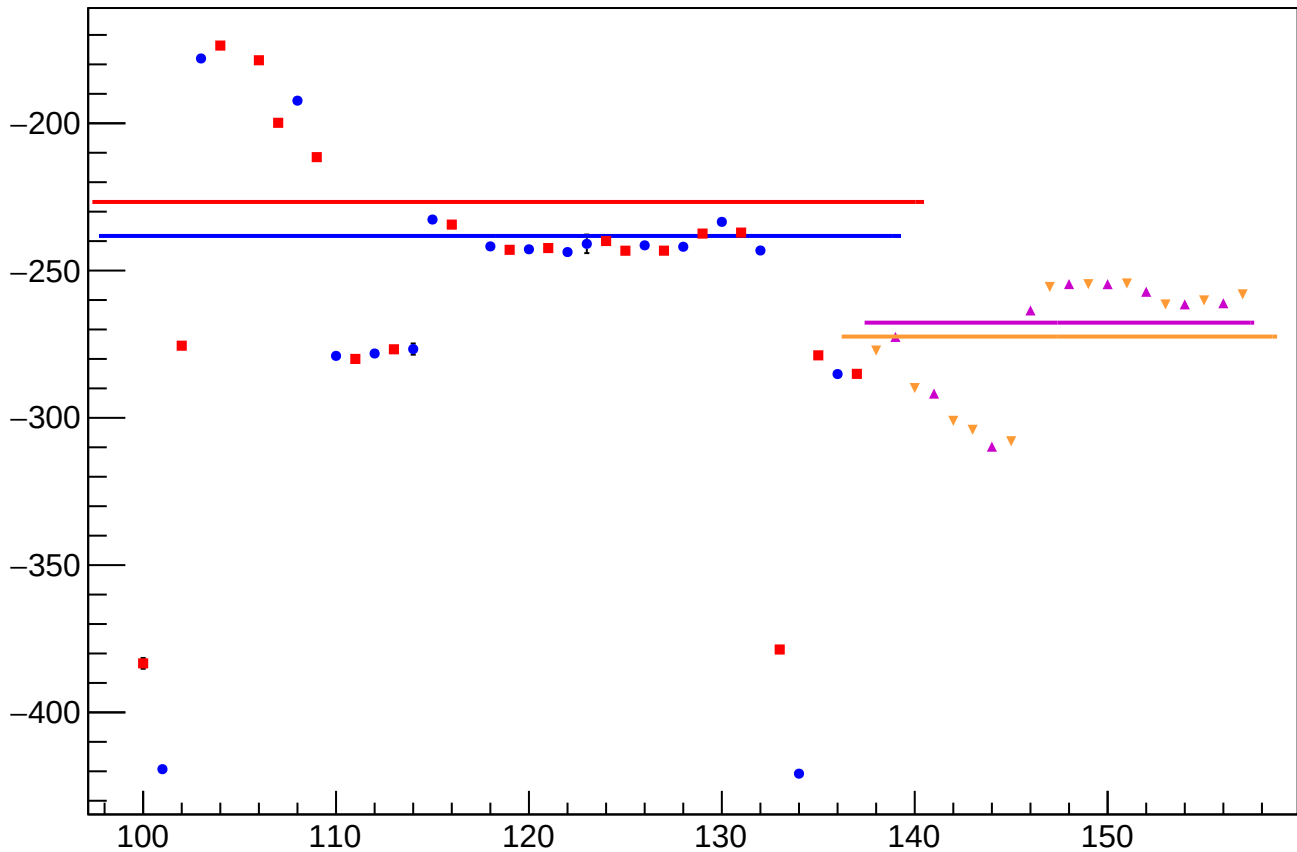
Left In: 105.140 ± 2.574 $\chi^2/\text{NDF}: 200.0/8$

+ sign 136.388 ± 1.927 $\chi^2/\text{NDF}: 1238.4/27$

All: 130.232 ± 1.376 $\chi^2/\text{NDF}: 2278.8/55$

- sign 123.825 ± 1.966 $\chi^2/\text{NDF}: 1019.5/27$

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -272.410+/-0.122 χ^2/NDF : 27551.4/10

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

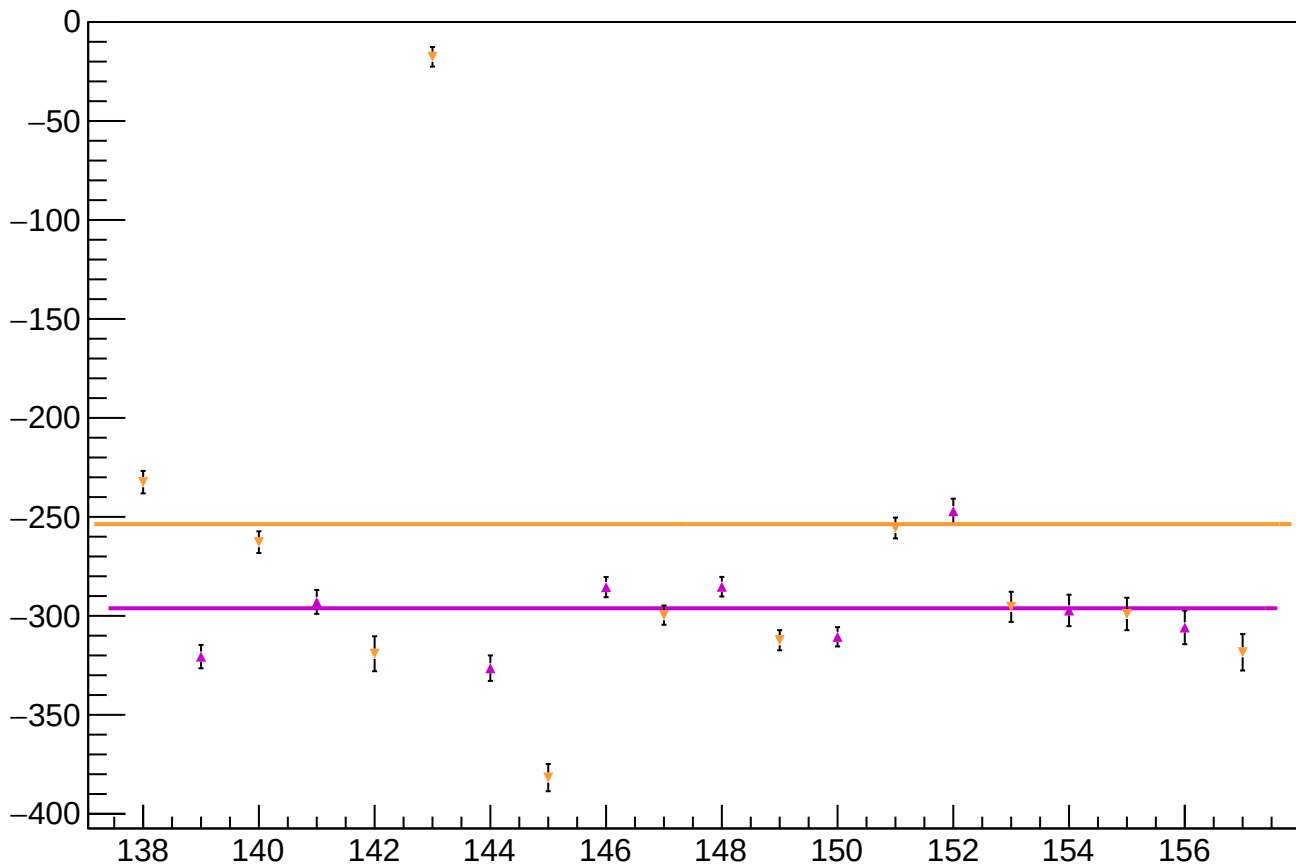
Left In: -267.686+/-0.125 χ^2/NDF : 18121.9/8

+ sign -259.897+/-0.097 χ^2/NDF : 223594.7/27

All: -255.419+/-0.068 χ^2/NDF : 392363.3/55

- sign -250.967+/-0.097 χ^2/NDF : 164500.4/27

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

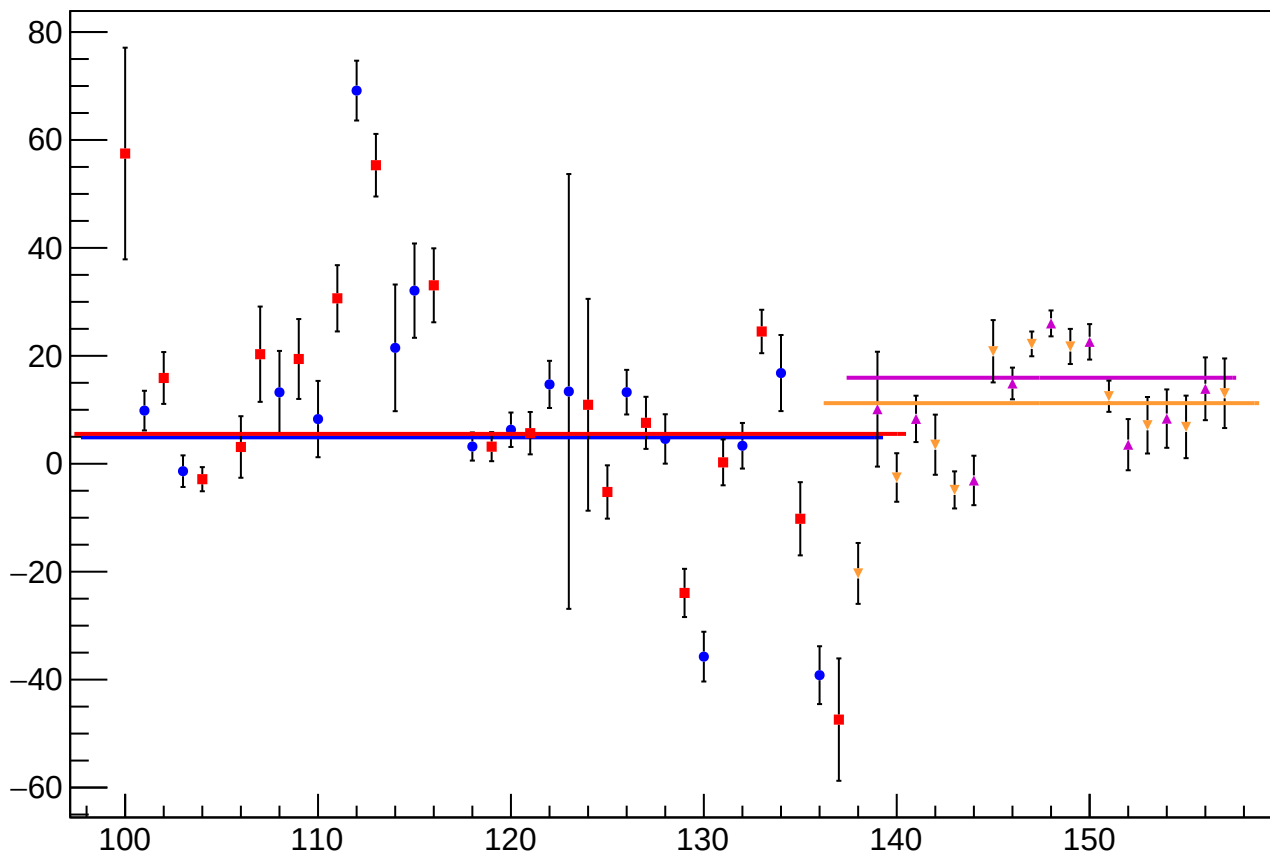
Left In: -296.162+/-1.974 χ^2/NDF : 119.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.242+/-1.340 χ^2/NDF : 3398.2/19

- 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

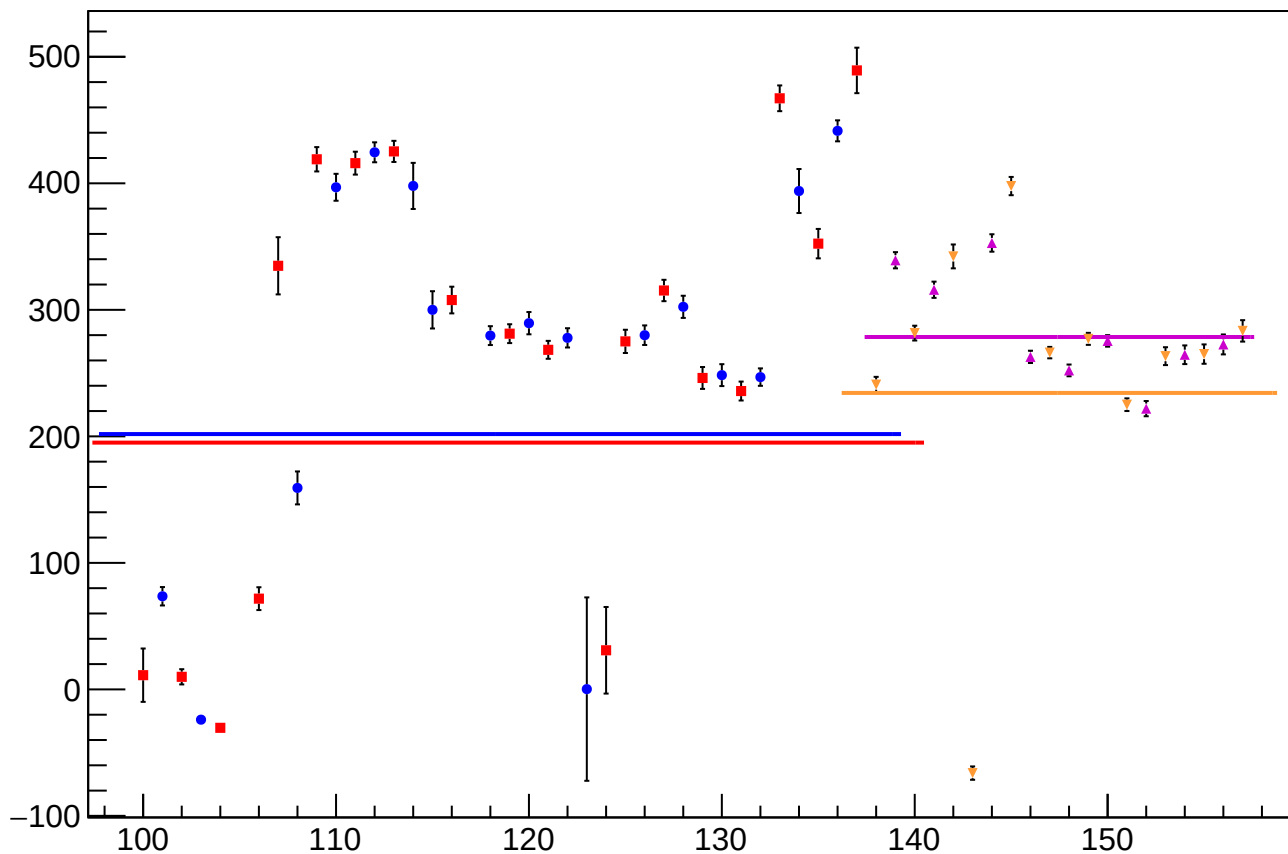
Left In: 15.938 ± 1.290 χ^2/NDF : 51.4/8

+ sign 7.818 ± 0.799 χ^2/NDF : 429.6/27

All: 8.769 ± 0.574 χ^2/NDF : 761.5/55

- sign 9.781 ± 0.824 χ^2/NDF : 329.1/27

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

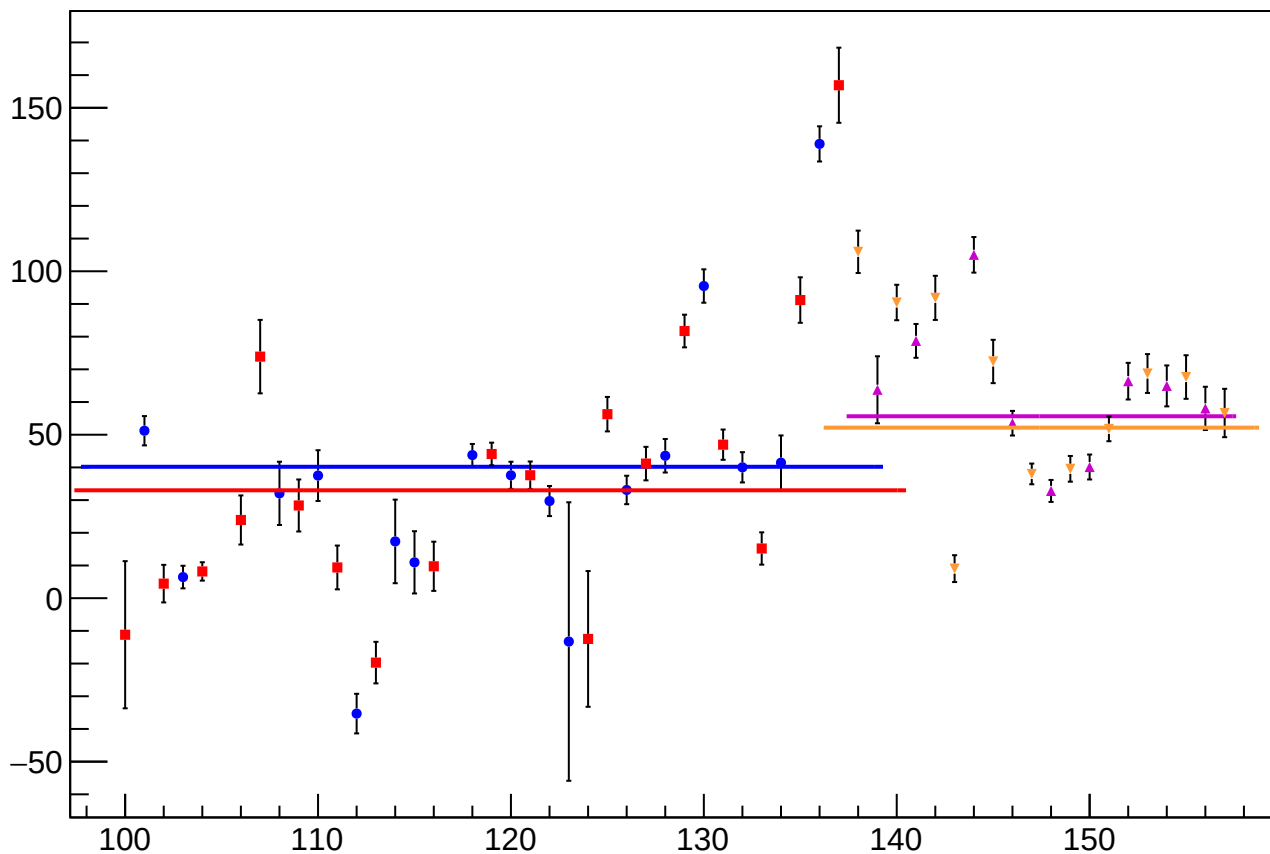
Left In: 278.535 $\pm$ 1.929 χ^2 /NDF: 375.7/8

+ sign 219.467 $\pm$ 1.332 χ^2 /NDF: 11050.9/27

All: 227.885 $\pm$ 0.952 χ^2 /NDF: 20704.1/55

- sign 236.692 $\pm$ 1.362 χ^2 /NDF: 9571.5/27

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF : 735.0/16

Left Out: 52.168+/-1.466 χ^2/NDF : 316.5/10

Right Out: 32.999+/-1.253 χ^2/NDF : 554.1/18

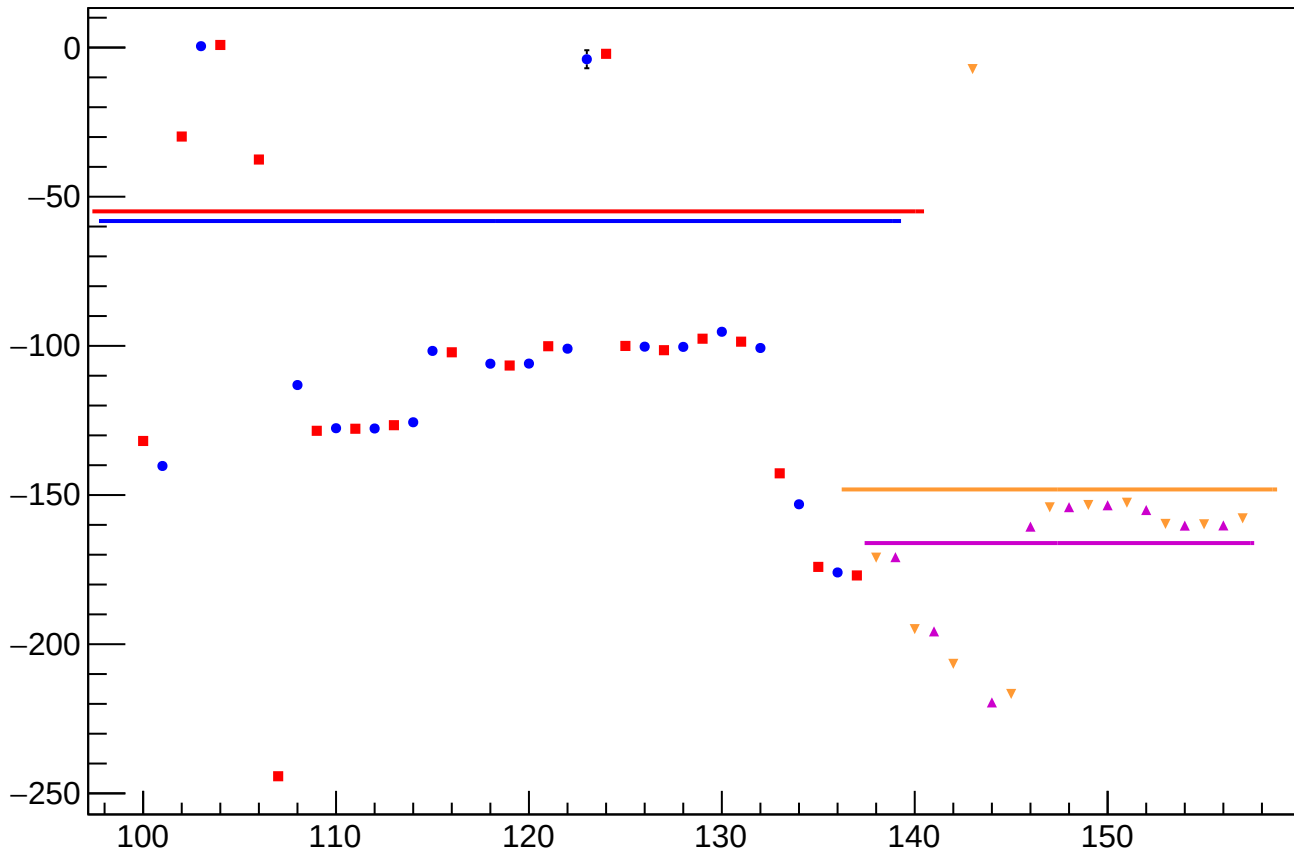
Left In: 55.646+/-1.604 χ^2/NDF : 172.0/8

+ sign 45.319+/-0.959 χ^2/NDF : 1089.6/27

All: 43.504+/-0.688 χ^2/NDF : 1947.0/55

- sign 41.579+/-0.987 χ^2/NDF : 850.0/27

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 $\chi^2/\text{NDF}: 1003885.5/18$

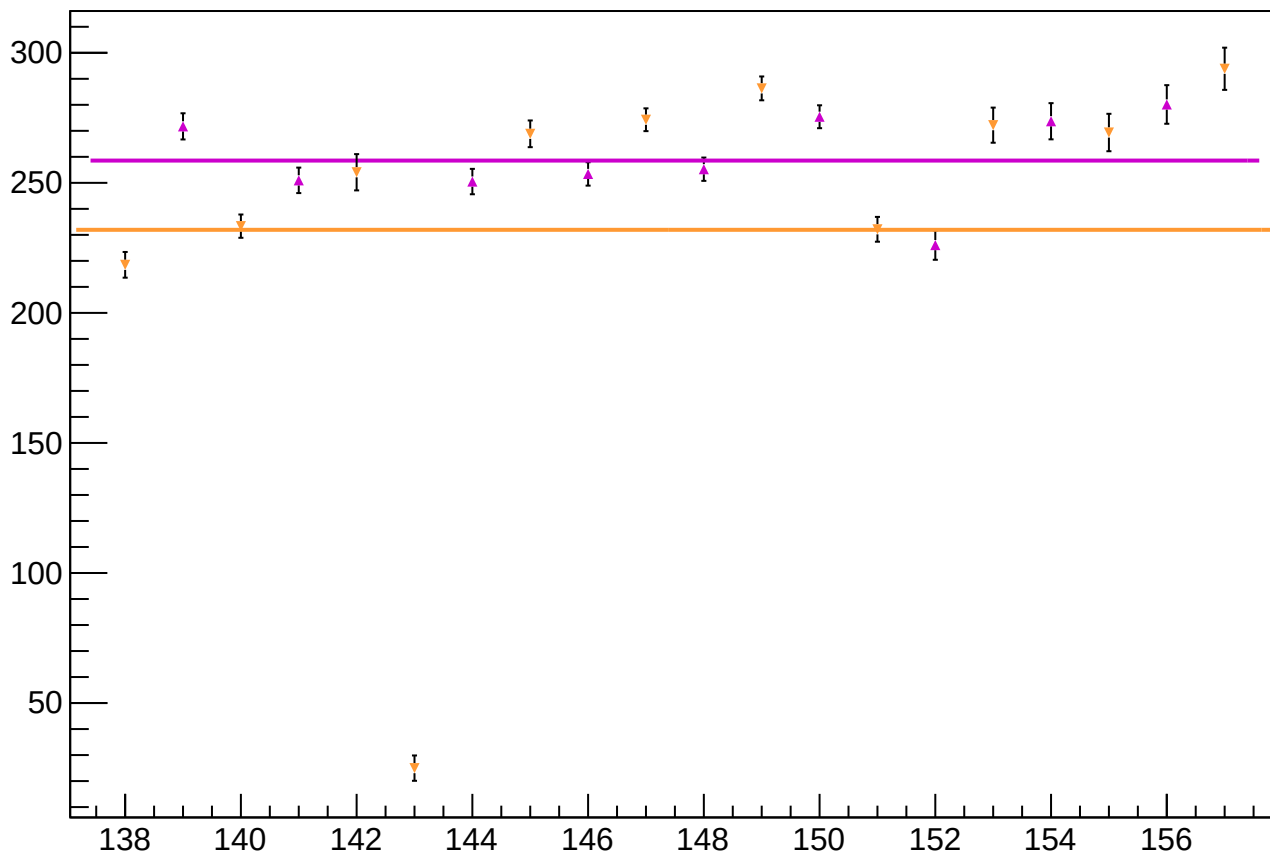
Left In: -166.100 ± 0.078 $\chi^2/\text{NDF}: 56447.4/8$

+ sign -94.933 ± 0.047 $\chi^2/\text{NDF}: 2554280.9/27$

All: -95.668 ± 0.034 $\chi^2/\text{NDF}: 4887439.8/55$

- sign -96.414 ± 0.048 $\chi^2/\text{NDF}: 2332673.4/27$

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

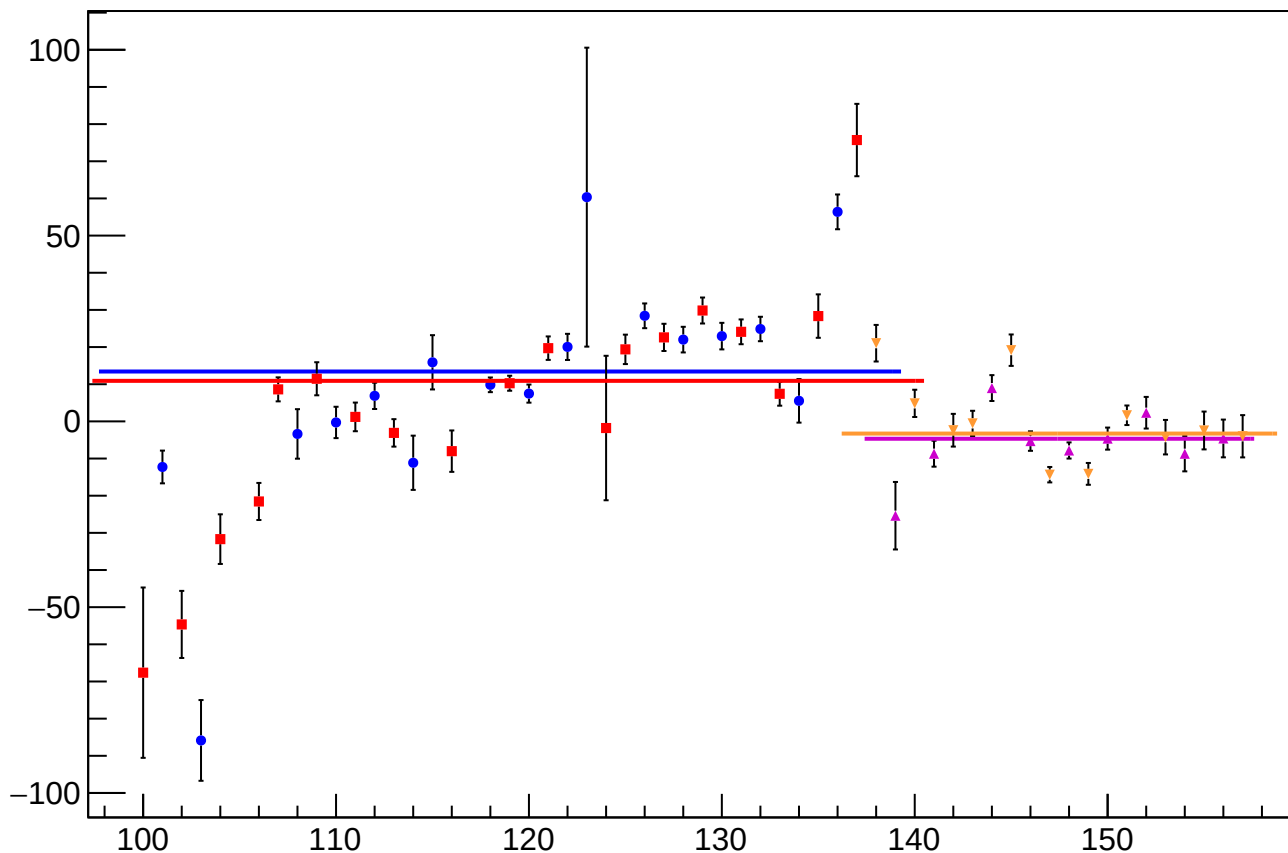
Left In: 258.566+/-1.704 χ^2/NDF :74.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.396+/-1.166 χ^2/NDF : 2434.8/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423 ± 0.920 $\chi^2/\text{NDF}: 295.2/16$

Left Out: -3.280 ± 1.043 $\chi^2/\text{NDF}: 103.8/10$

Right Out: 10.908 ± 0.916 $\chi^2/\text{NDF}: 302.6/18$

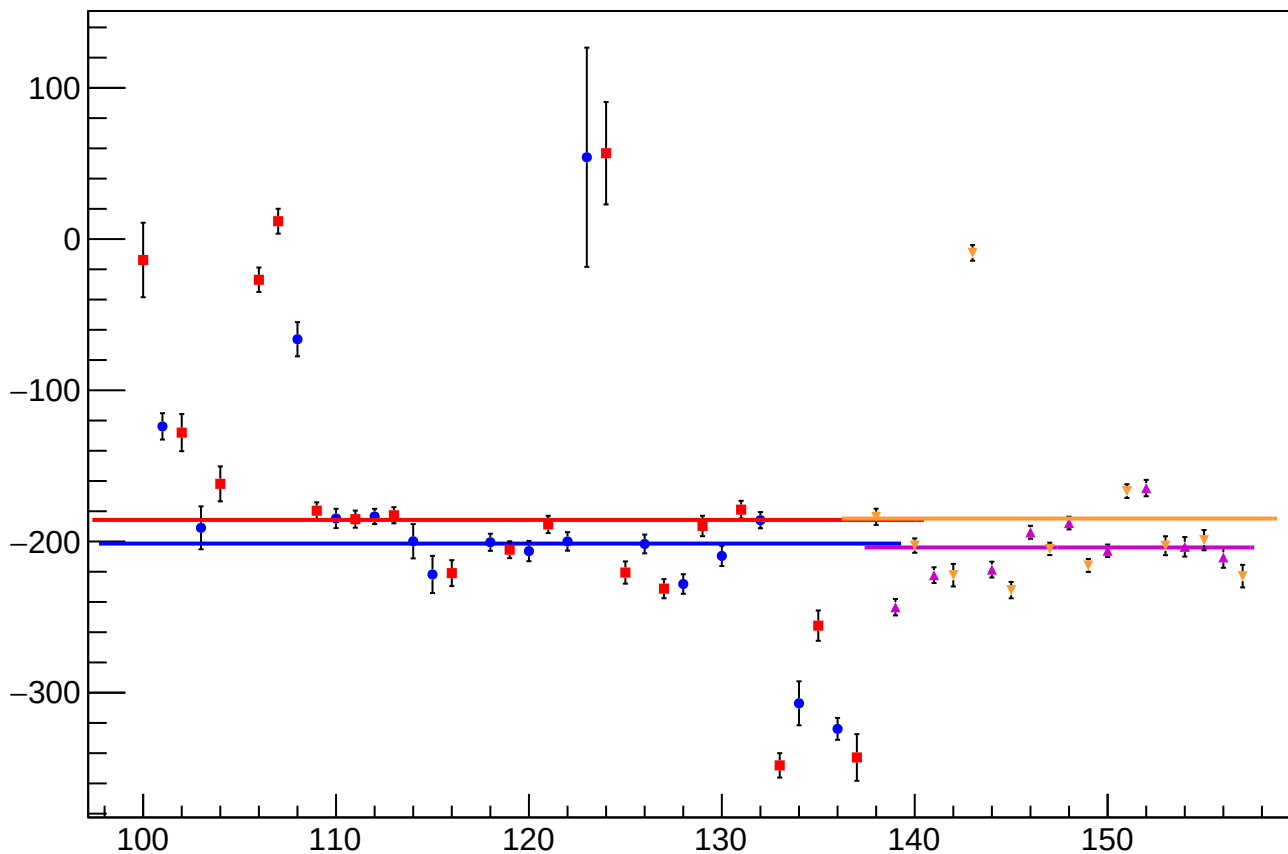
Left In: -4.677 ± 1.128 $\chi^2/\text{NDF}: 27.5/8$

+ sign 6.121 ± 0.690 $\chi^2/\text{NDF}: 543.2/27$

All: 5.439 ± 0.495 $\chi^2/\text{NDF}: 990.4/55$

- sign 4.713 ± 0.711 $\chi^2/\text{NDF}: 445.1/27$

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

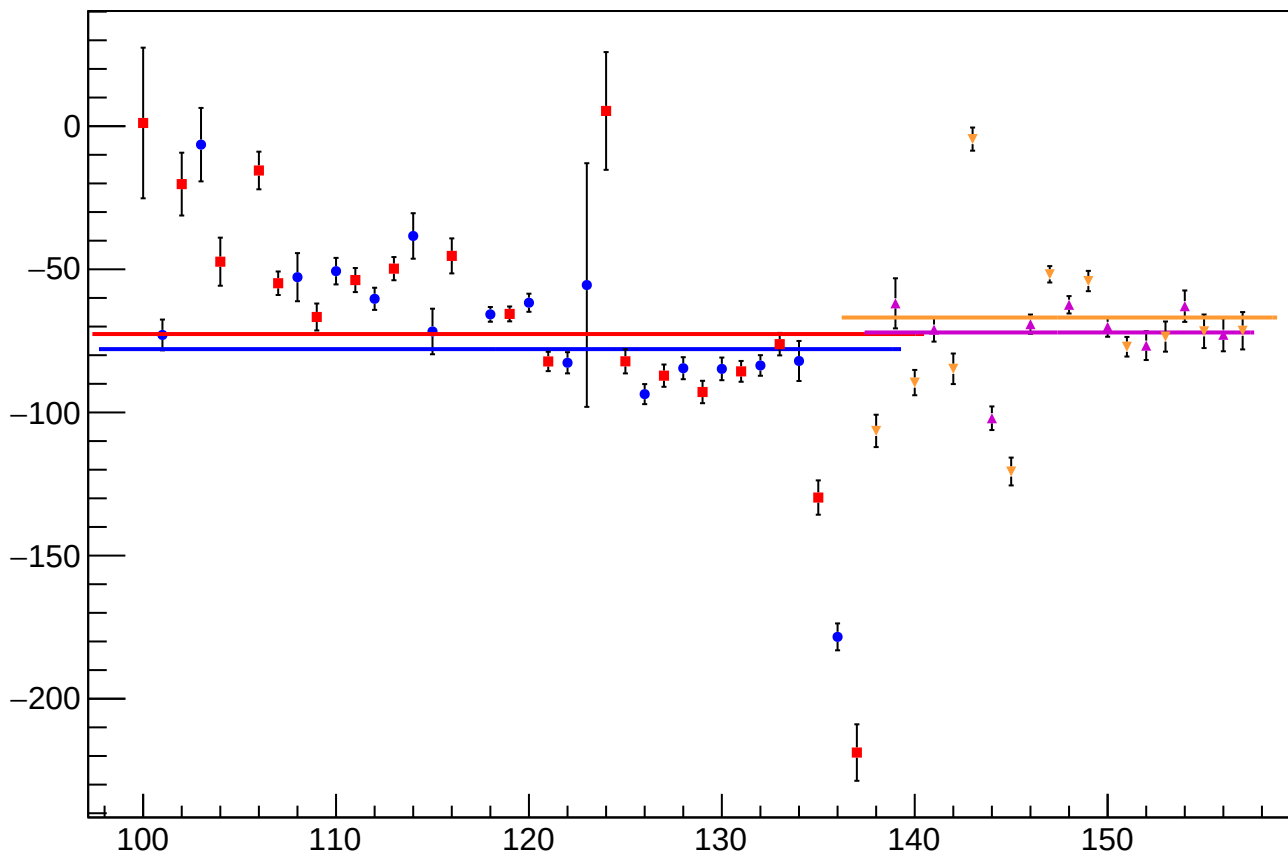
Left In: -203.954 ± 1.675 χ^2/NDF : 146.8/8

+ sign -192.174 ± 1.185 χ^2/NDF : 2060.7/27

All: -193.568 ± 0.841 χ^2/NDF : 4017.9/55

- sign -194.981 ± 1.193 χ^2/NDF : 1954.4/27

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 $\chi^2/\text{NDF}: 606.9/18$

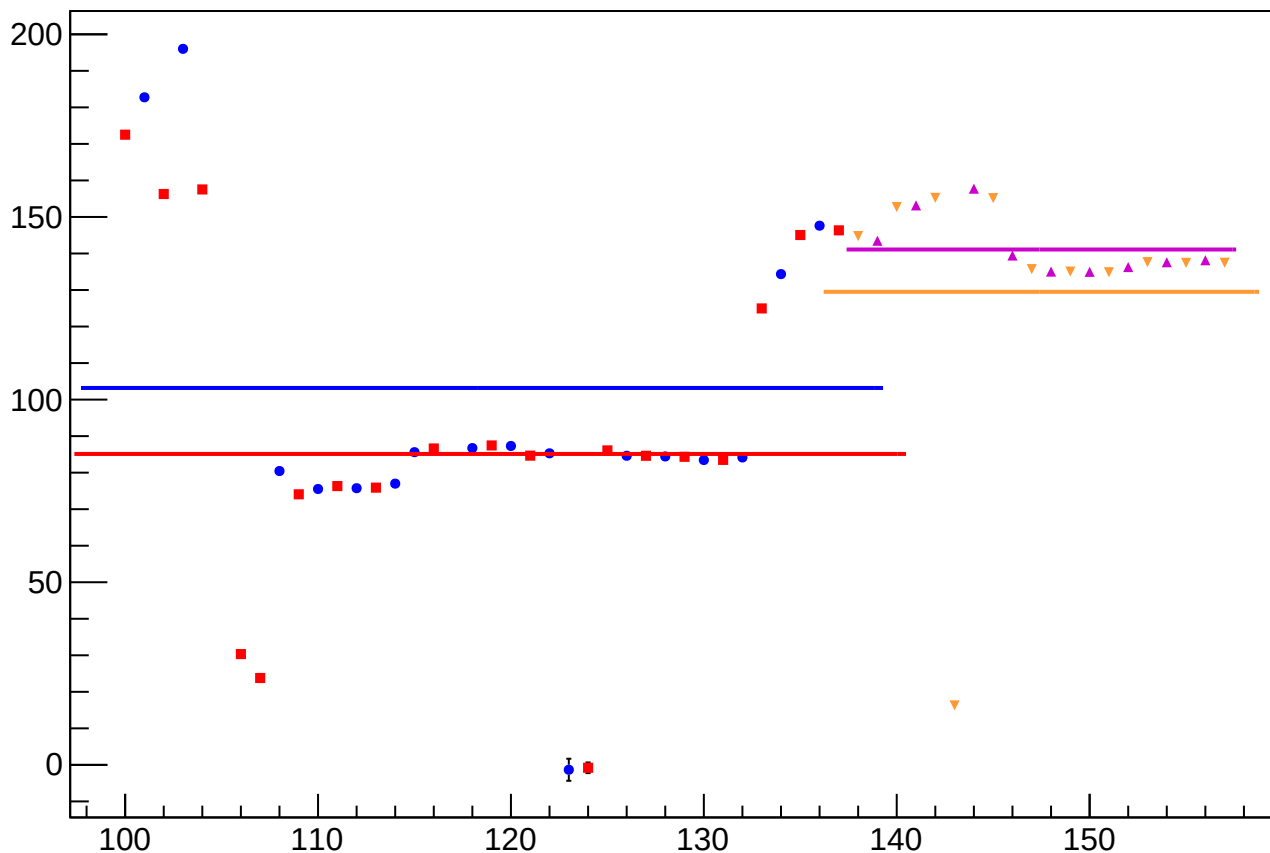
Left In: -72.060 ± 1.397 $\chi^2/\text{NDF}: 69.0/8$

+ sign -73.421 ± 0.823 $\chi^2/\text{NDF}: 1200.3/27$

All: -72.927 ± 0.588 $\chi^2/\text{NDF}: 1877.0/55$

- sign -72.412 ± 0.841 $\chi^2/\text{NDF}: 675.9/27$

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

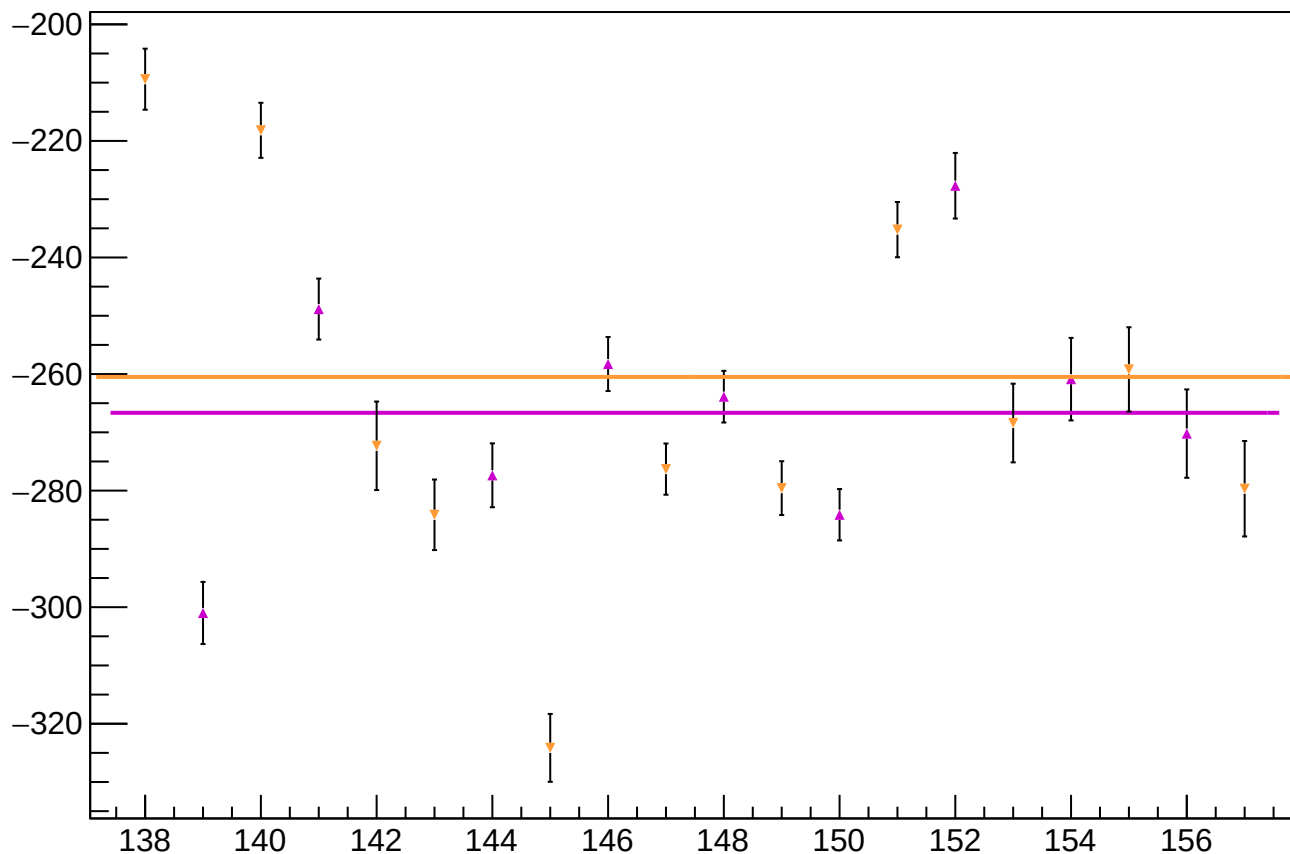
Left In: 141.090 $\pm$ 0.068 χ^2 /NDF: 12091.6/8

+ sign 117.390 $\pm$ 0.048 χ^2 /NDF: 691173.2/27

All: 114.311 $\pm$ 0.033 χ^2 /NDF: 1497051.6/55

- sign 111.399 $\pm$ 0.046 χ^2 /NDF: 797779.2/27

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

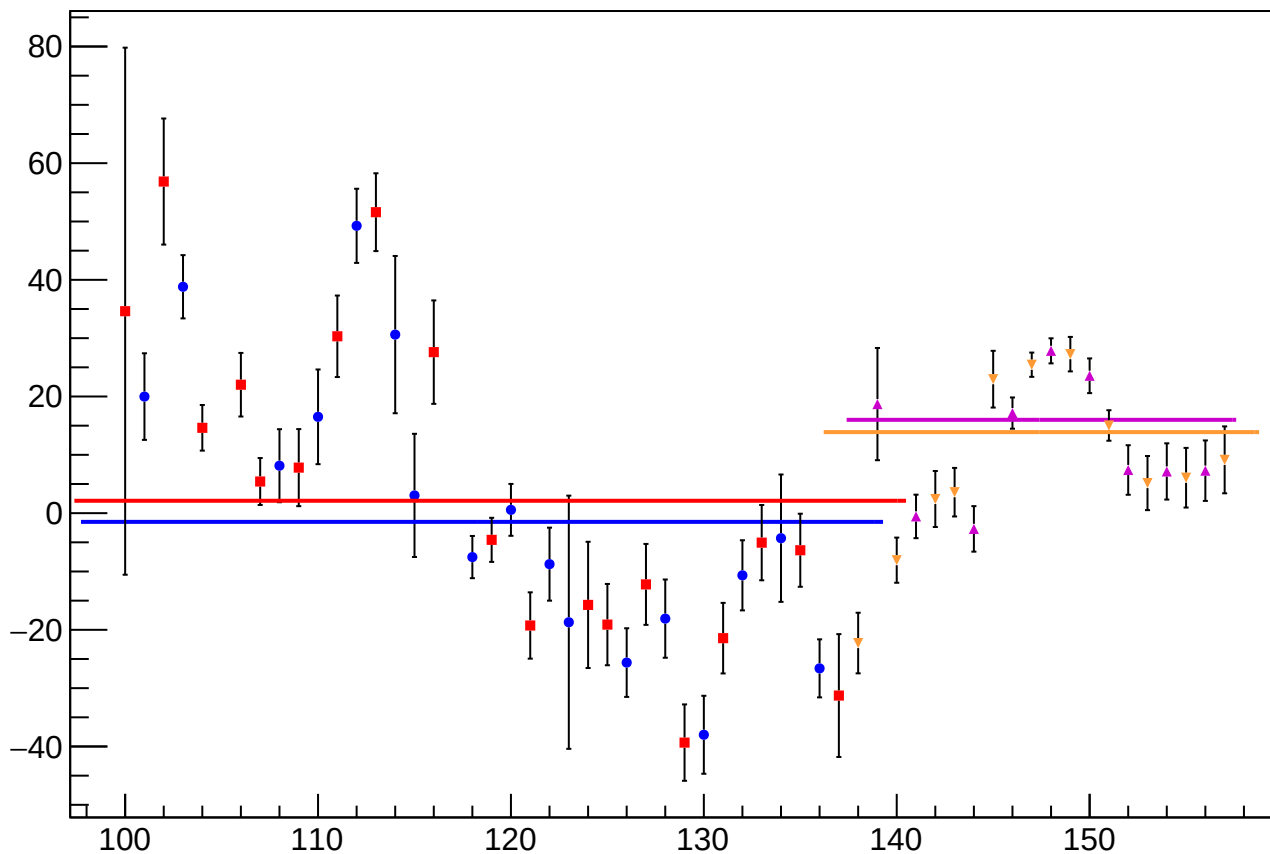
Left In: -266.652+/-1.760 χ^2/NDF : 125.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.426+/-1.215 χ^2/NDF : 509.2/19

- 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

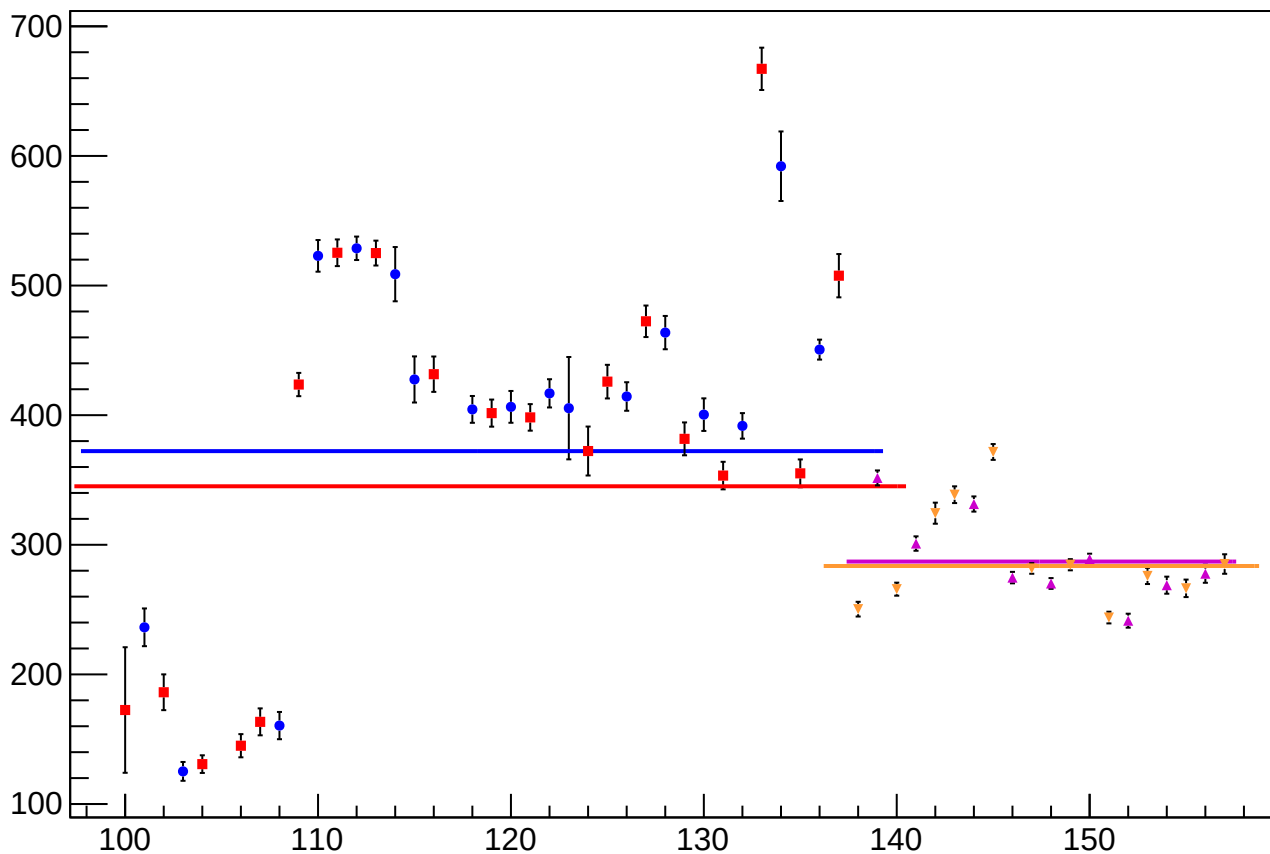
Left In: 16.003 ± 1.152 χ^2/NDF : 90.0/8

+ sign 8.689 ± 0.880 χ^2/NDF : 448.5/27

All: 9.539 ± 0.626 χ^2/NDF : 831.4/55

- sign 10.409 ± 0.890 χ^2/NDF : 381.0/27

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

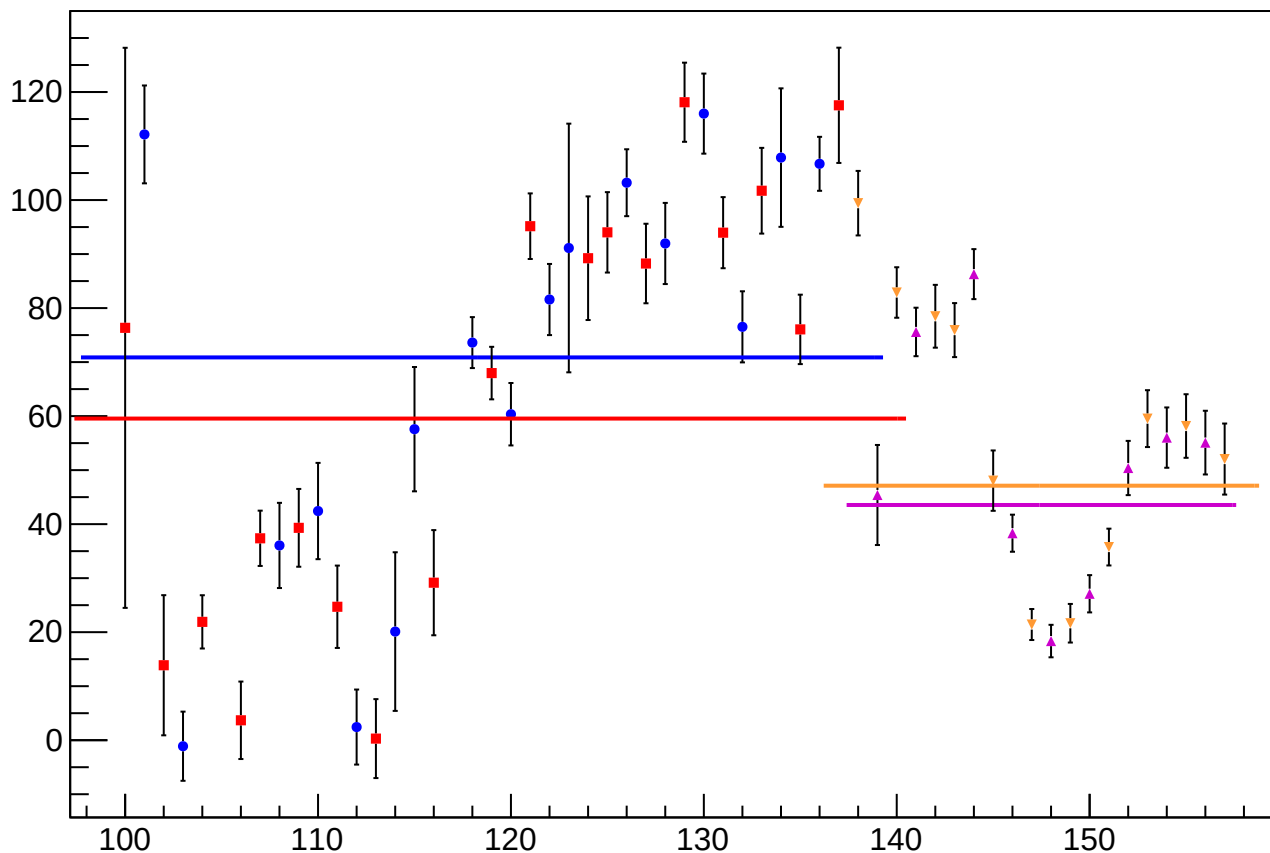
Left In: 287.059 $\pm$ 1.722 χ^2 /NDF: 294.1/8

+ sign 307.150 $\pm$ 1.421 χ^2 /NDF: 3628.9/27

All: 306.148 $\pm$ 1.008 χ^2 /NDF: 7694.3/55

- sign 305.136 $\pm$ 1.429 χ^2 /NDF: 4064.4/27

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

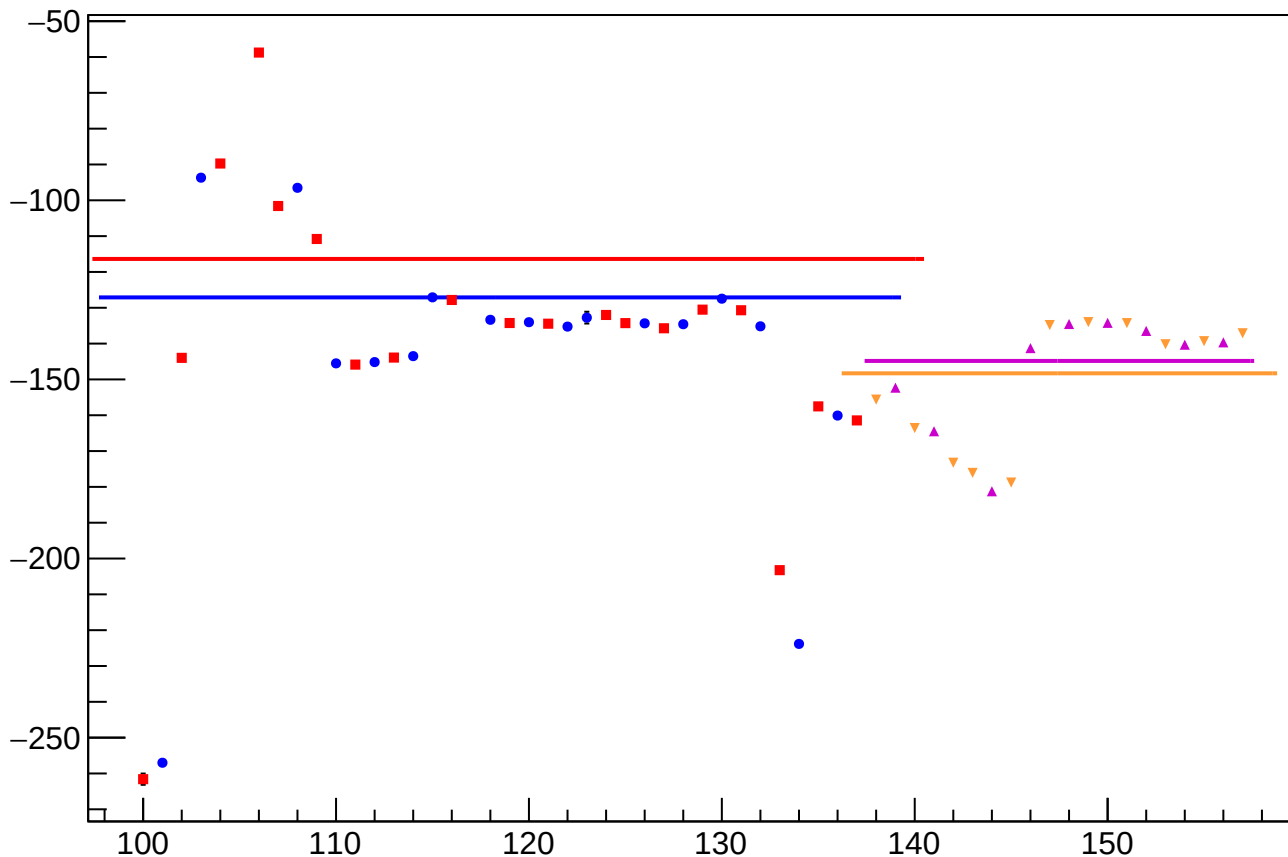
Left In: 43.546 $\pm$ 1.432 χ^2 /NDF: 242.1/8

+ sign 56.017 $\pm$ 1.067 χ^2 /NDF: 892.4/27

All: 53.283 $\pm$ 0.758 χ^2 /NDF: 1692.9/55

- sign 50.498 $\pm$ 1.076 χ^2 /NDF: 787.3/27

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 $\chi^2/\text{NDF}: 167595.6/18$

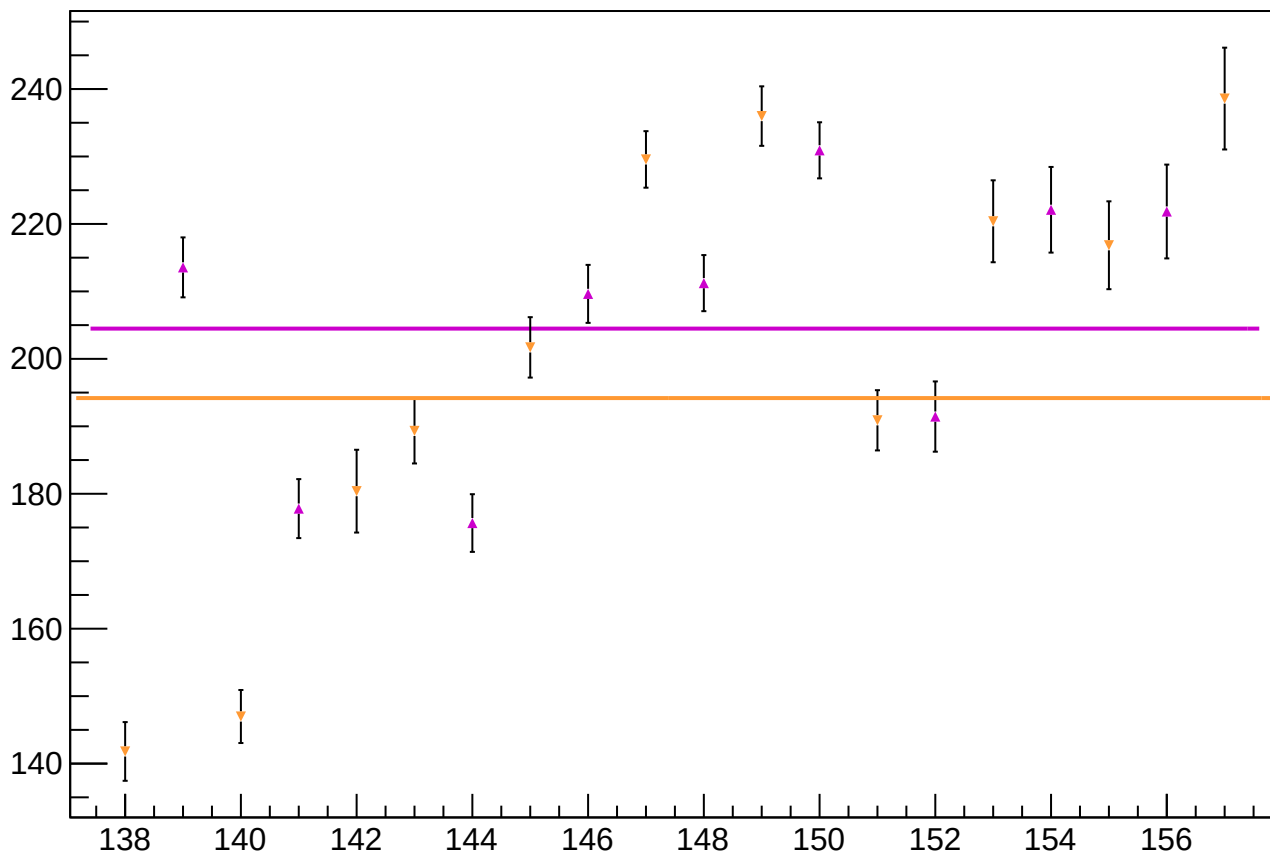
Left In: -144.838 ± 0.070 $\chi^2/\text{NDF}: 38833.0/8$

+ sign -140.536 ± 0.054 $\chi^2/\text{NDF}: 262273.6/27$

All: -136.742 ± 0.038 $\chi^2/\text{NDF}: 547478.4/55$

- sign -133.055 ± 0.053 $\chi^2/\text{NDF}: 275513.9/27$

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

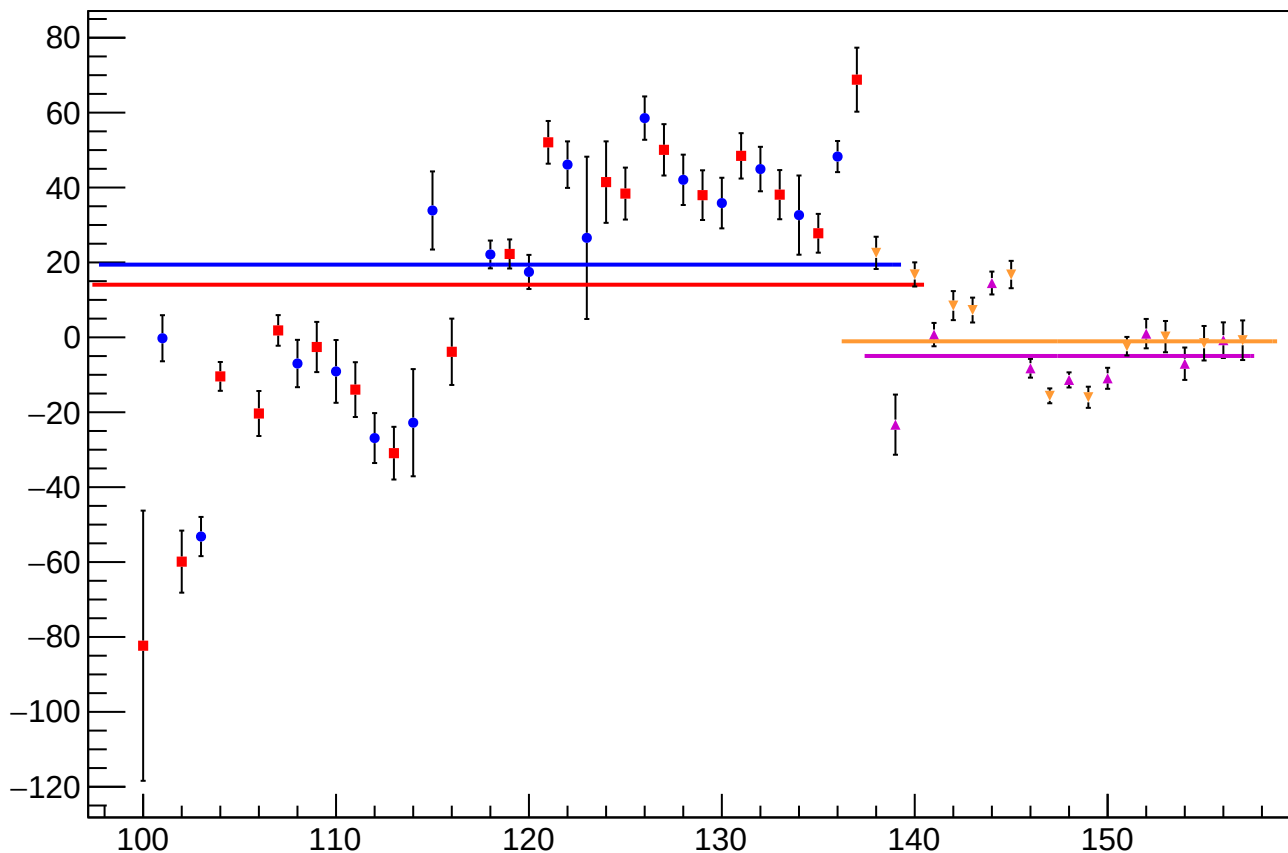
Left In: 204.485+/-1.562 χ^2/NDF : 151.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.019+/-1.070 χ^2/NDF : 699.6/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: -1.060 ± 0.969 χ^2/NDF : 179.1/10

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

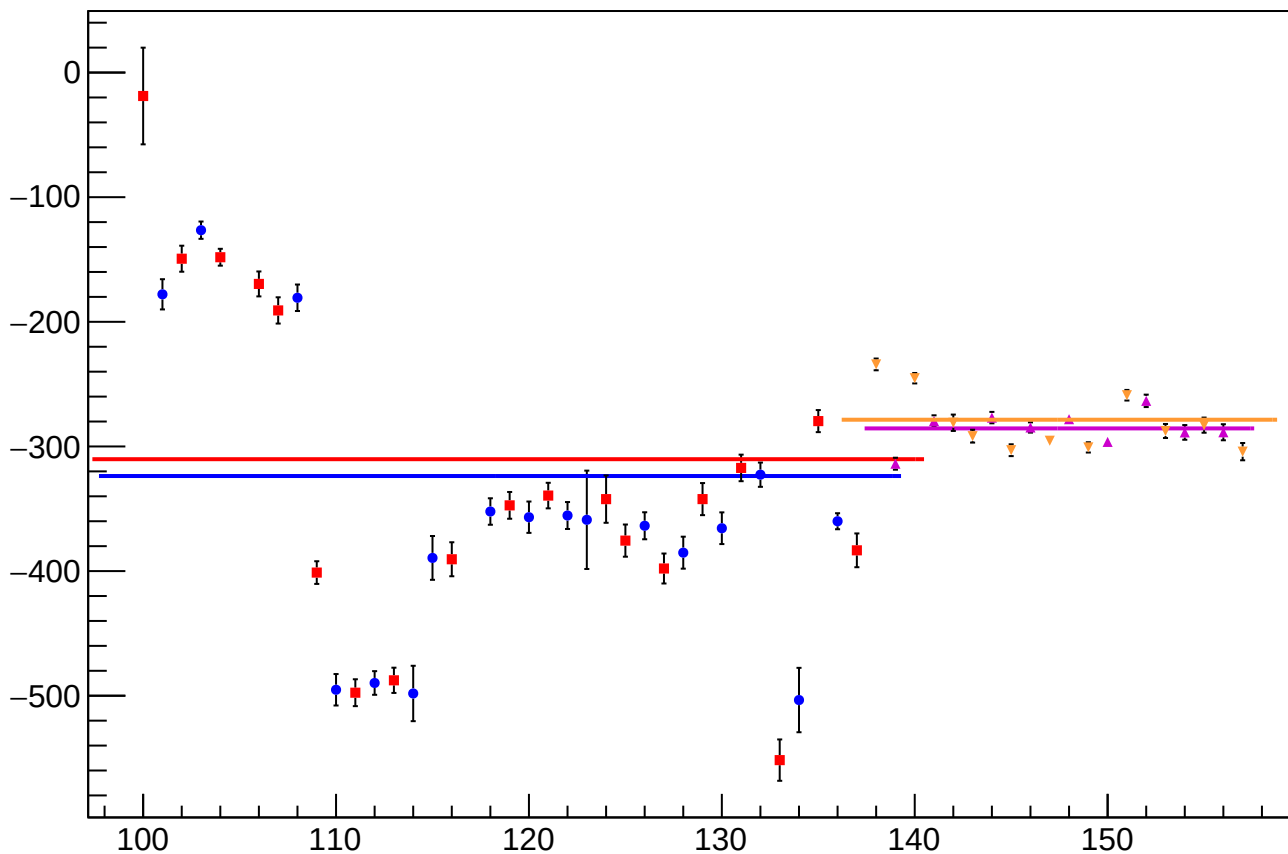
Left In: -4.973 ± 1.042 χ^2/NDF : 68.8/8

+ sign 5.087 ± 0.811 χ^2/NDF : 754.2/27

All: 3.520 ± 0.581 χ^2/NDF : 1387.0/55

- sign 1.861 ± 0.834 χ^2/NDF : 625.1/27

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

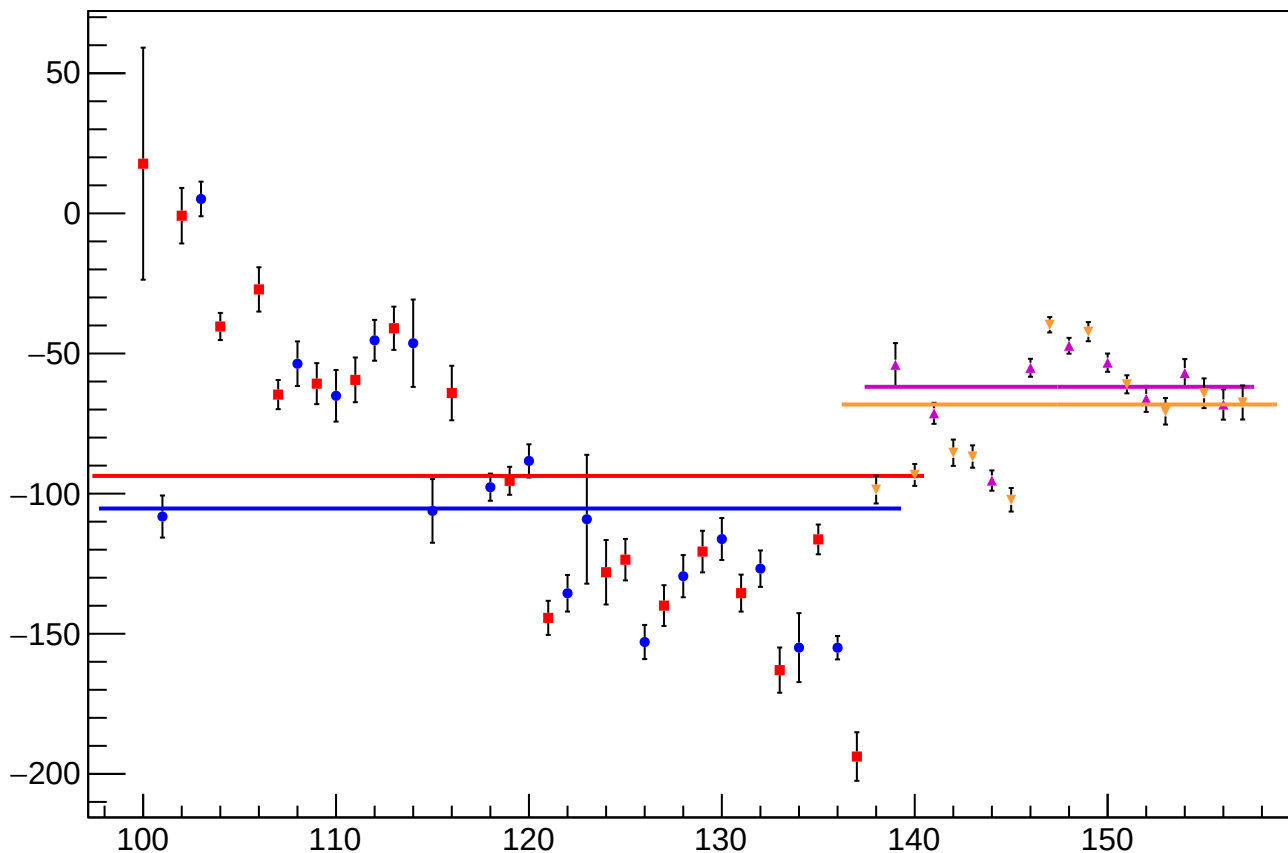
Left In: -285.524 ± 1.540 χ^2/NDF : 71.4/8

+ sign -289.012 ± 1.284 χ^2/NDF : 2341.7/27

All: -290.583 ± 0.919 χ^2/NDF : 4786.0/55

- sign -292.230 ± 1.315 χ^2/NDF : 2441.2/27

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

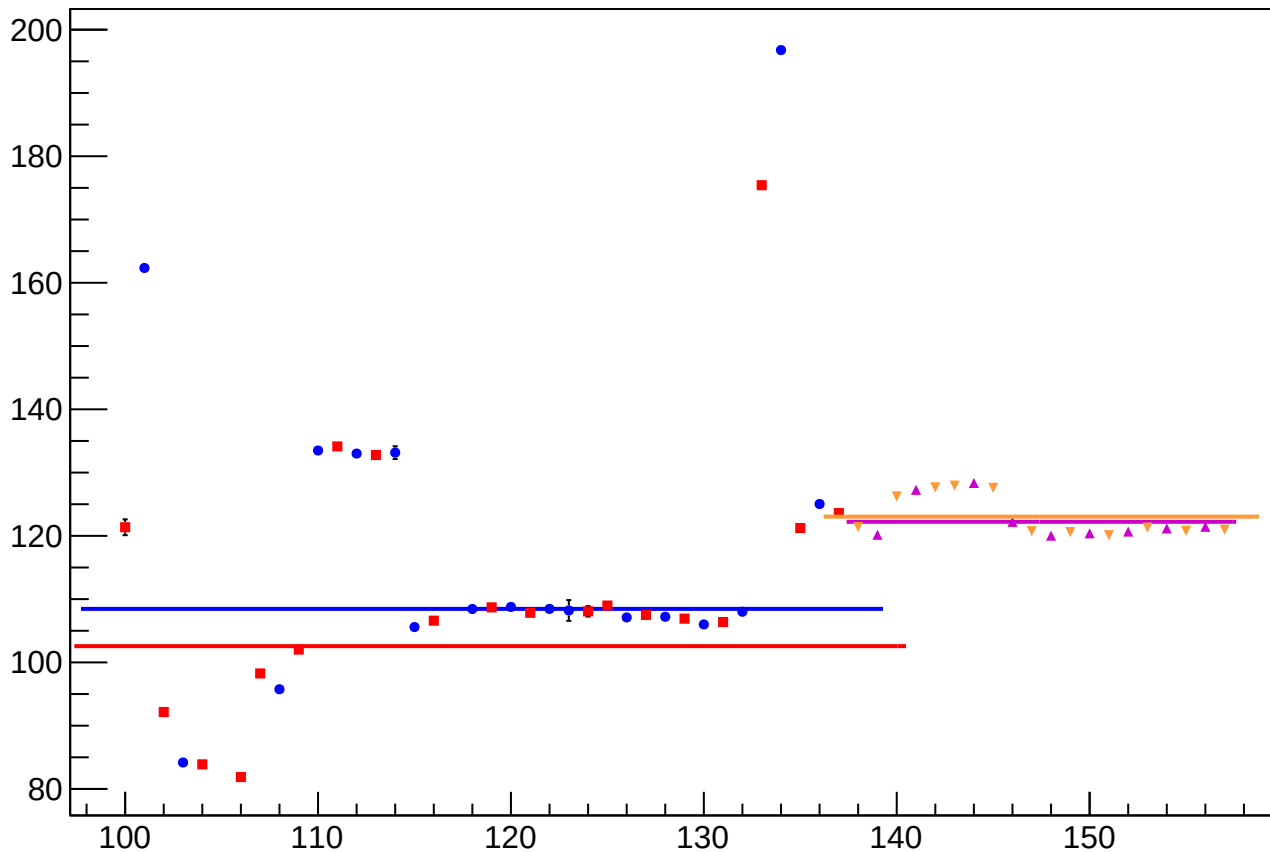
Left In: -61.883 ± 1.289 χ^2/NDF : 134.4/8

+ sign -80.602 ± 0.979 χ^2/NDF : 1409.0/27

All: -77.530 ± 0.702 χ^2/NDF : 2627.7/55

- sign -74.284 ± 1.006 χ^2/NDF : 1198.4/27

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 123.039 $\pm$ 0.060 χ^2 /NDF: 2702.8/10

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

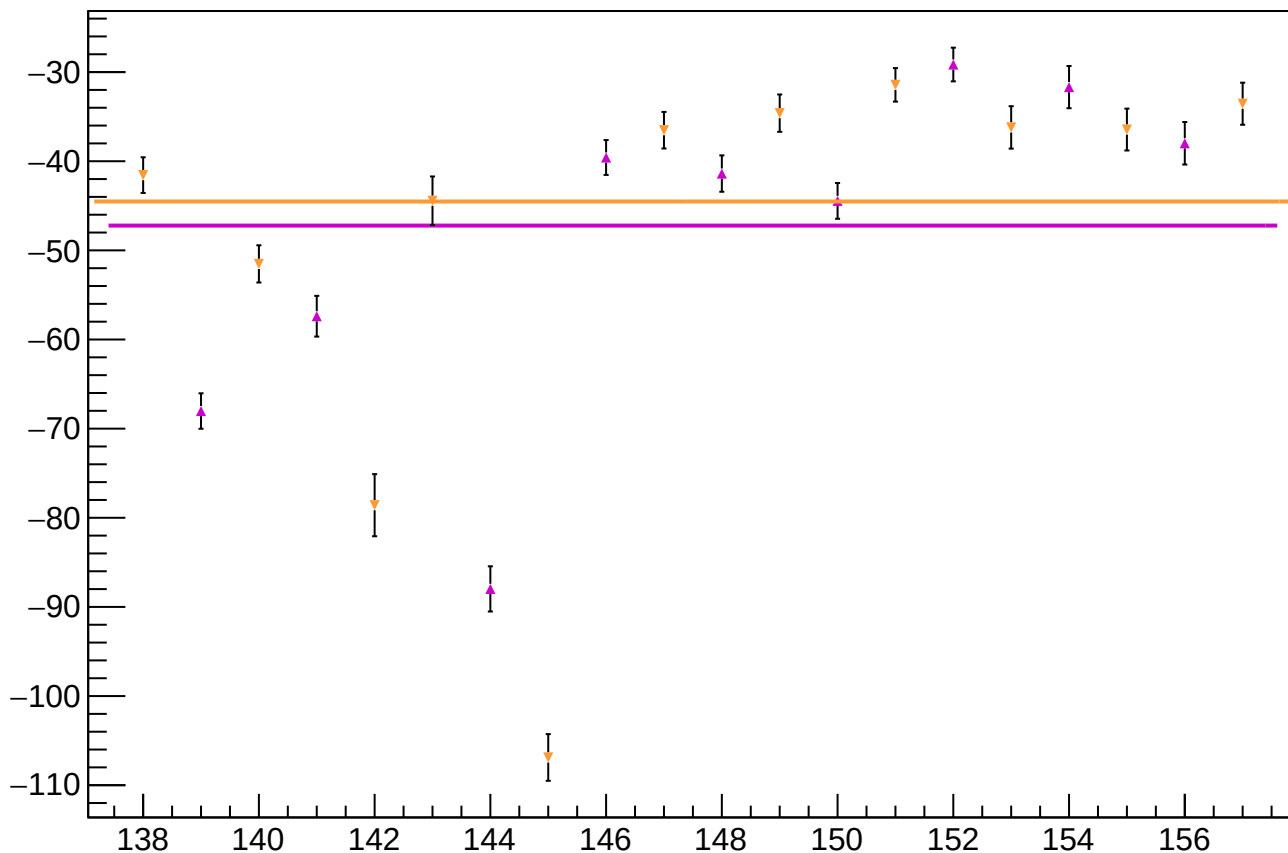
Left In: 122.223 $\pm$ 0.062 χ^2 /NDF: 2206.8/8

+ sign 118.193 $\pm$ 0.049 χ^2 /NDF: 95774.3/27

All: 116.482 $\pm$ 0.035 χ^2 /NDF: 191537.4/55

- sign 114.762 $\pm$ 0.049 χ^2 /NDF: 93301.5/27

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

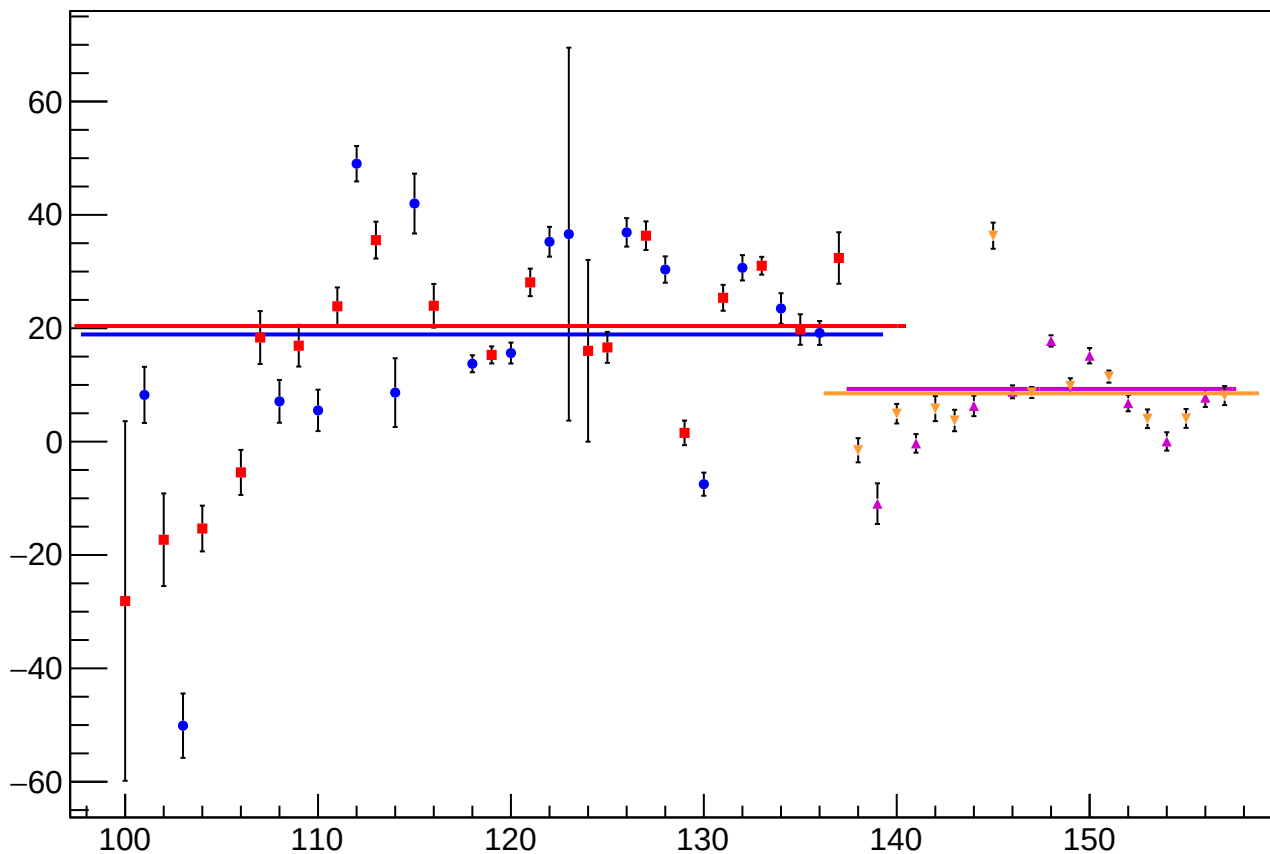
Left In: -47.219+/-0.710 χ^2/NDF : 562.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.821+/-0.493 χ^2/NDF : 1377.3/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 8.517 $\pm$ 0.456 χ^2 /NDF: 202.5/10

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

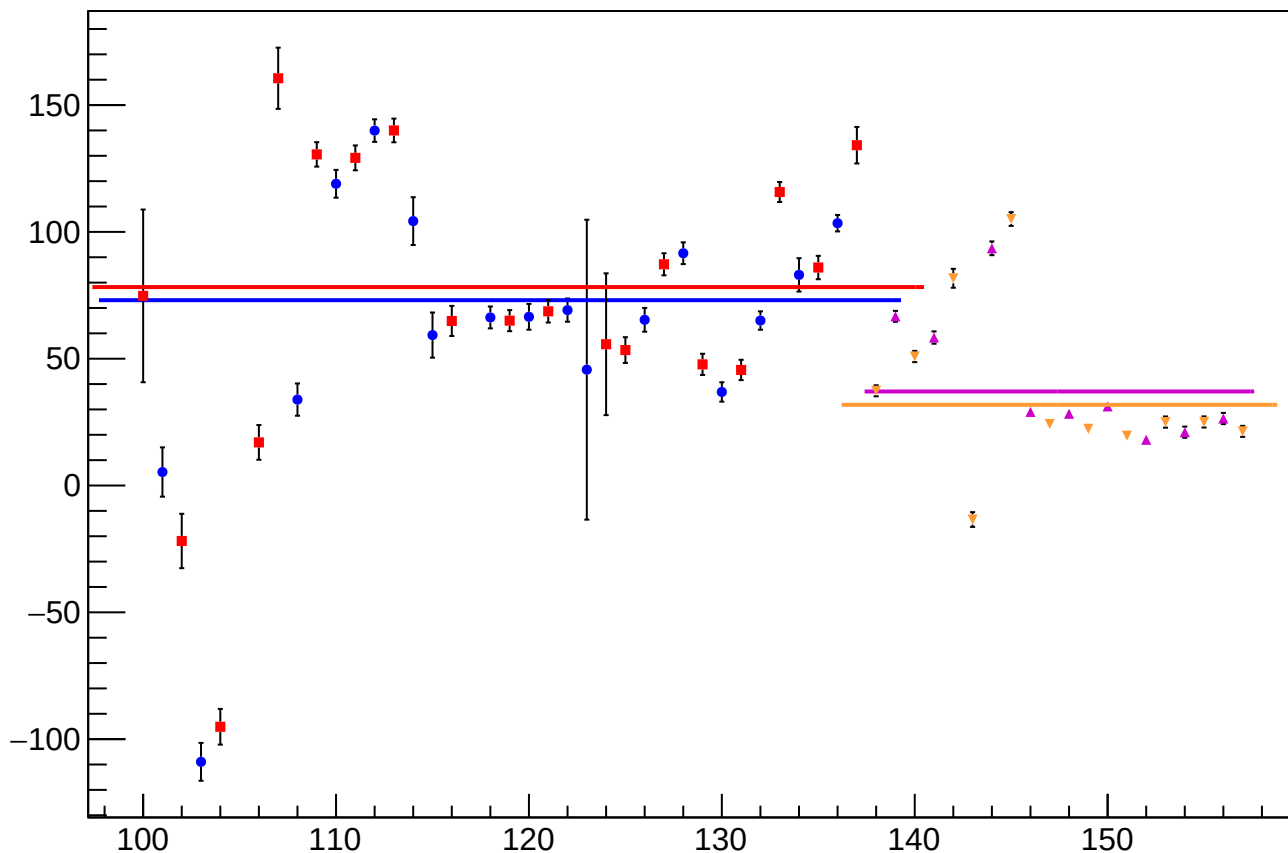
Left In: 9.293 $\pm$ 0.481 χ^2 /NDF: 197.1/8

+ sign 11.994 $\pm$ 0.372 χ^2 /NDF: 994.9/27

All: 12.610 $\pm$ 0.268 χ^2 /NDF: 1753.5/55

- sign 13.270 $\pm$ 0.385 χ^2 /NDF: 752.9/27

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

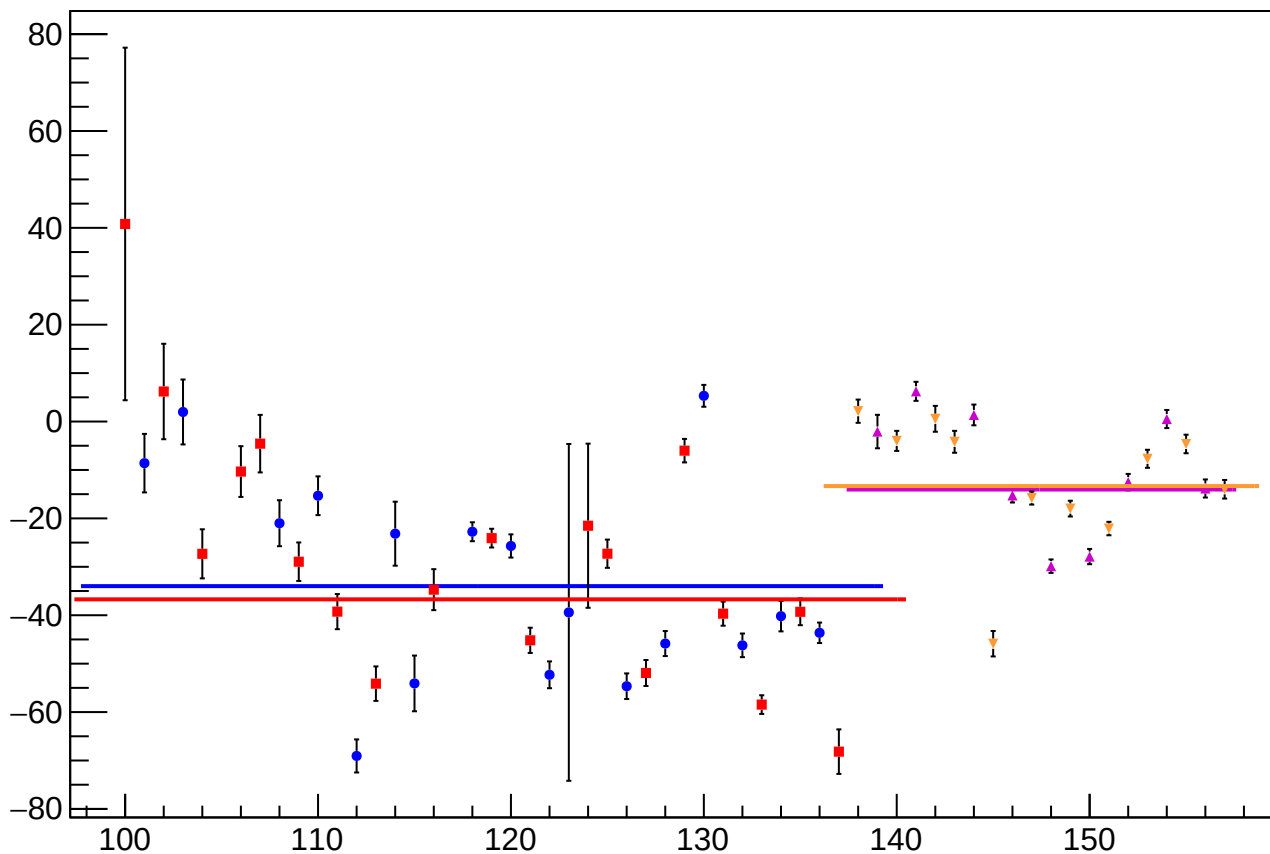
Left In: 37.077 $\pm$ 0.693 χ^2 /NDF:935.3/8

+ sign 41.351 $\pm$ 0.590 χ^2 /NDF: 3429.1/27

All: 44.162 $\pm$ 0.422 χ^2 /NDF: 6811.1/55

- sign 47.098 $\pm$ 0.603 χ^2 /NDF: 3335.6/27

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

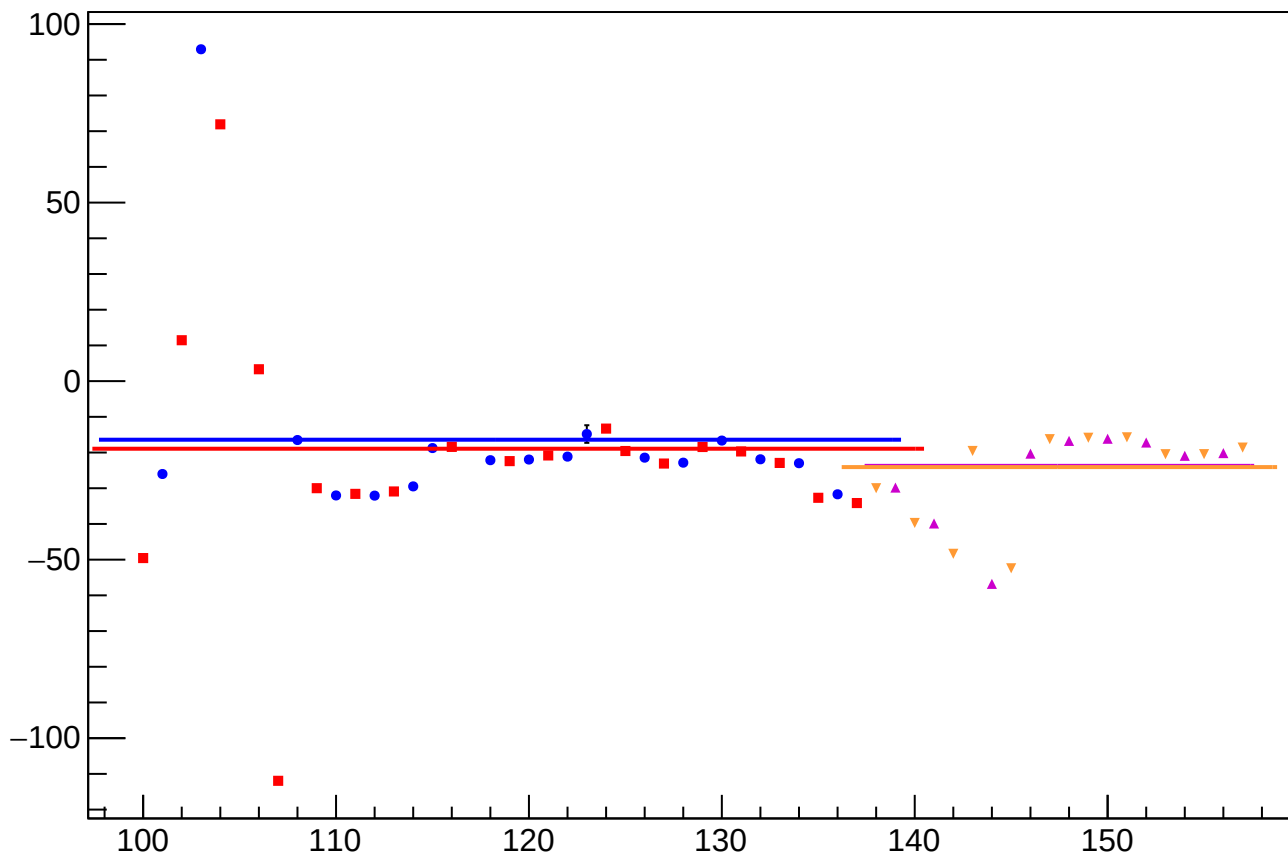
Left In: -14.041 ± 0.590 χ^2/NDF : 439.3/8

+ sign -20.925 ± 0.446 χ^2/NDF : 1557.6/27

All: -21.883 ± 0.321 χ^2/NDF : 3126.5/55

- sign -22.904 ± 0.461 χ^2/NDF : 1559.4/27

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 $\chi^2/\text{NDF}: 434152.2/18$

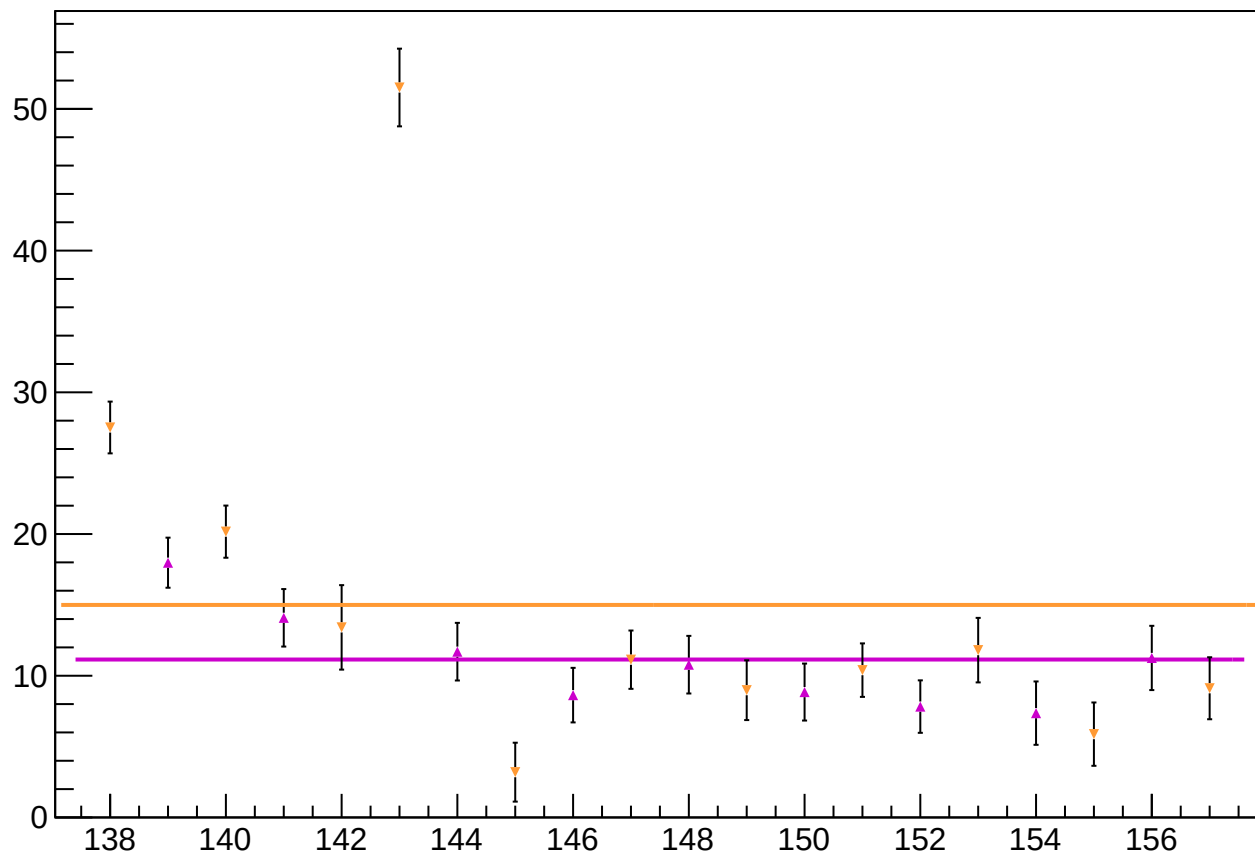
Left In: -23.731 ± 0.027 $\chi^2/\text{NDF}: 140434.6/8$

+ sign -22.040 ± 0.023 $\chi^2/\text{NDF}: 663490.7/27$

All: -22.238 ± 0.016 $\chi^2/\text{NDF}: 1246457.4/55$

- sign -22.445 ± 0.023 $\chi^2/\text{NDF}: 582814.4/27$

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

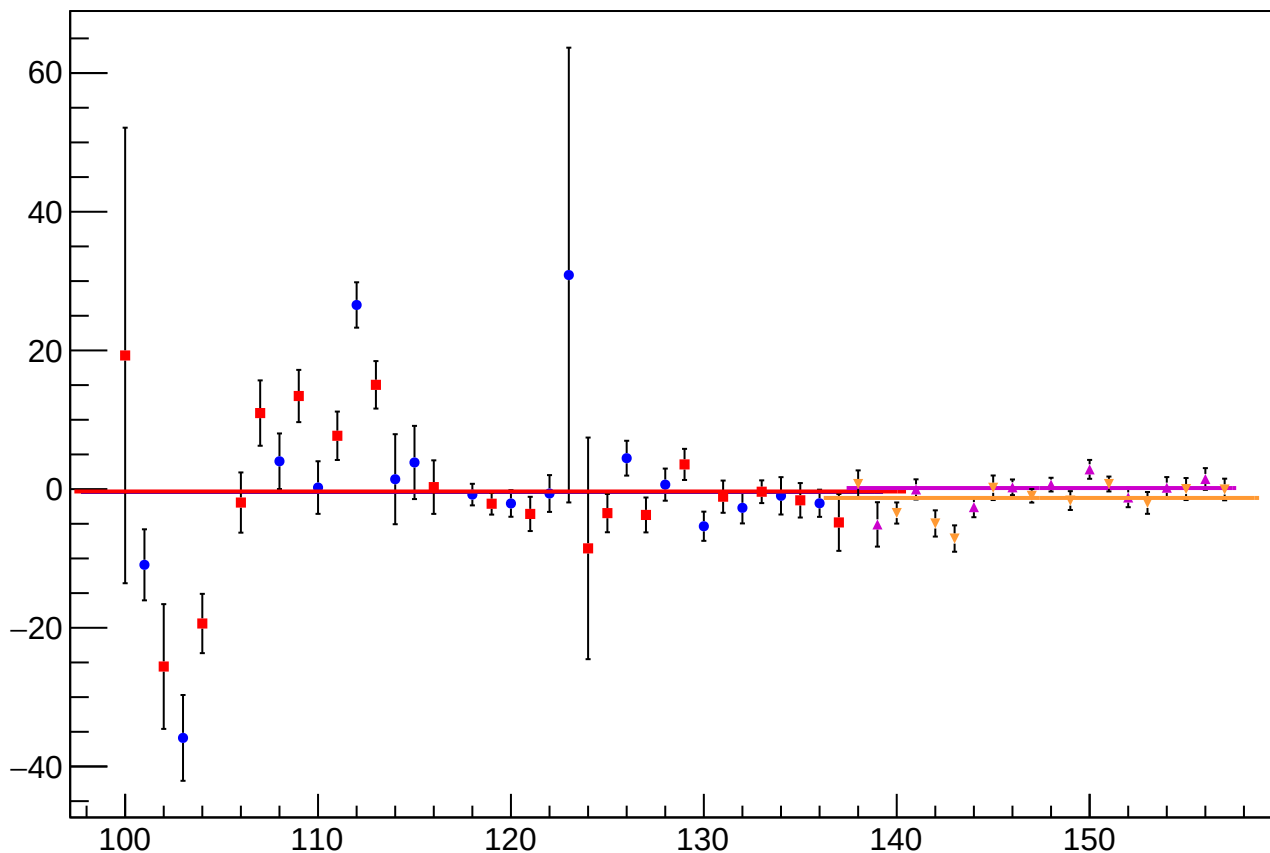
Left In: 11.144+/-0.667 χ^2/NDF : 26.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.139+/-0.463 χ^2/NDF : 351.8/19

- 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

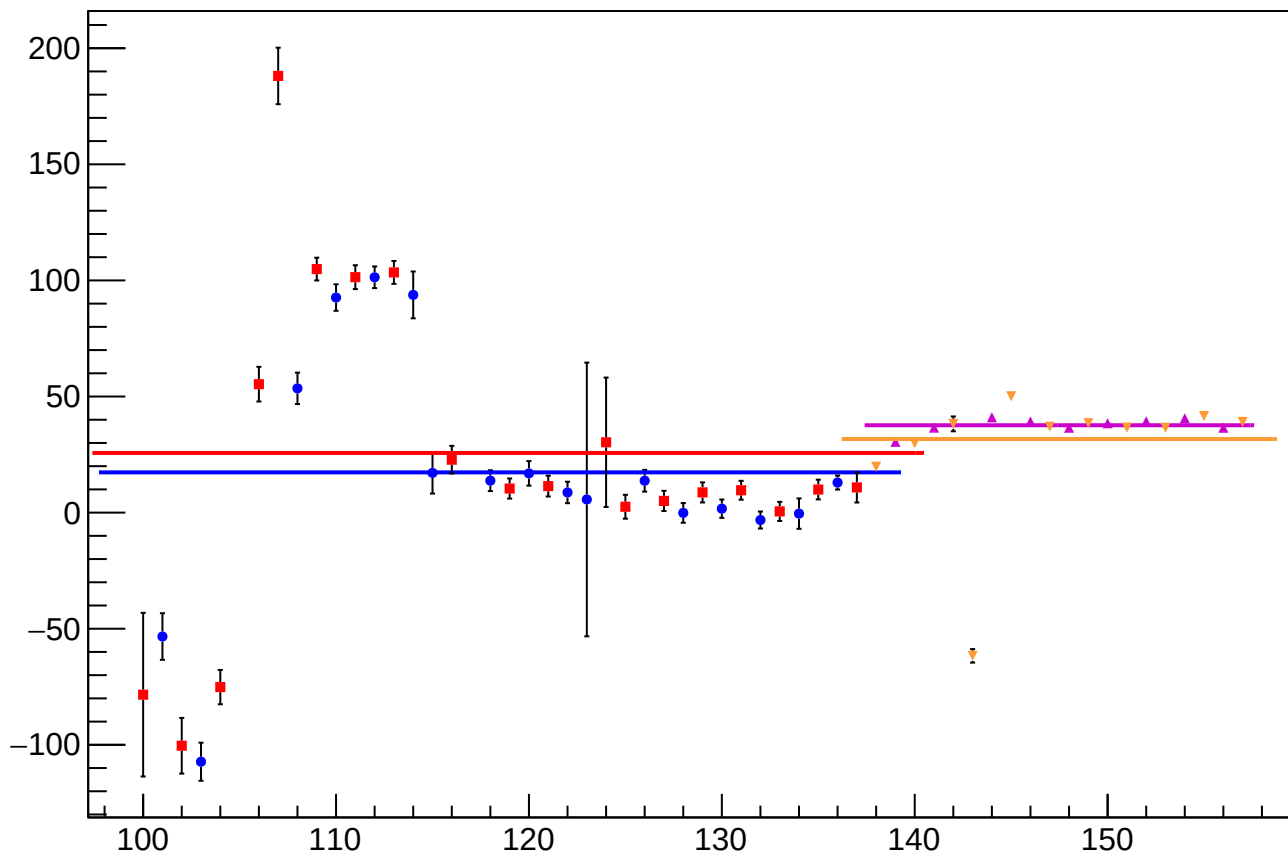
Left In: 0.154 ± 0.460 χ^2/NDF : 12.1/8

+ sign -1.008 ± 0.363 χ^2/NDF : 143.3/27

All: -0.527 ± 0.262 χ^2/NDF : 243.2/55

- sign -0.009 ± 0.377 χ^2/NDF : 96.2/27

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

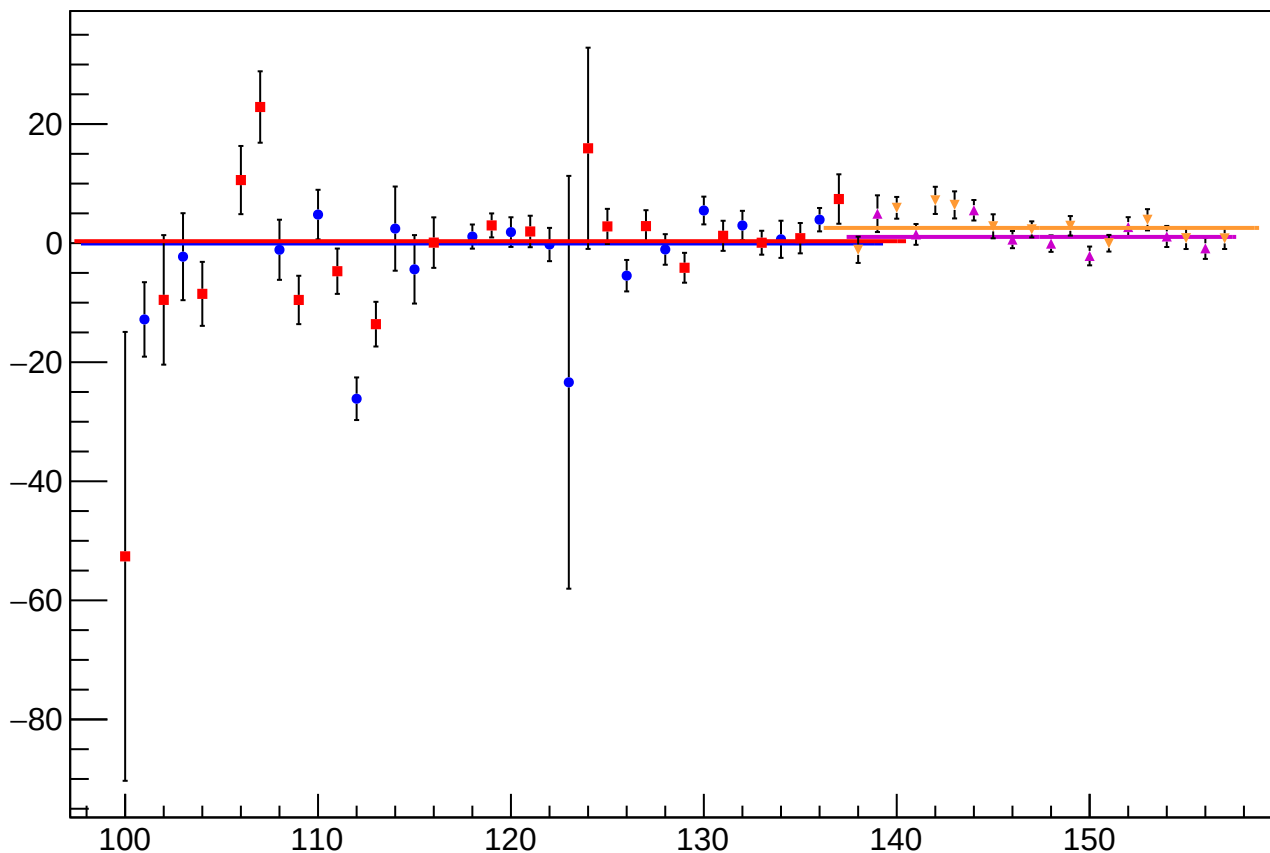
Left In: 37.629+/-0.655 χ^2/NDF : 21.2/8

+ sign 28.697+/-0.565 χ^2/NDF : 2248.6/27

All: 31.787+/-0.405 χ^2/NDF : 3782.2/55

- sign 35.034+/-0.580 χ^2/NDF : 1472.3/27

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

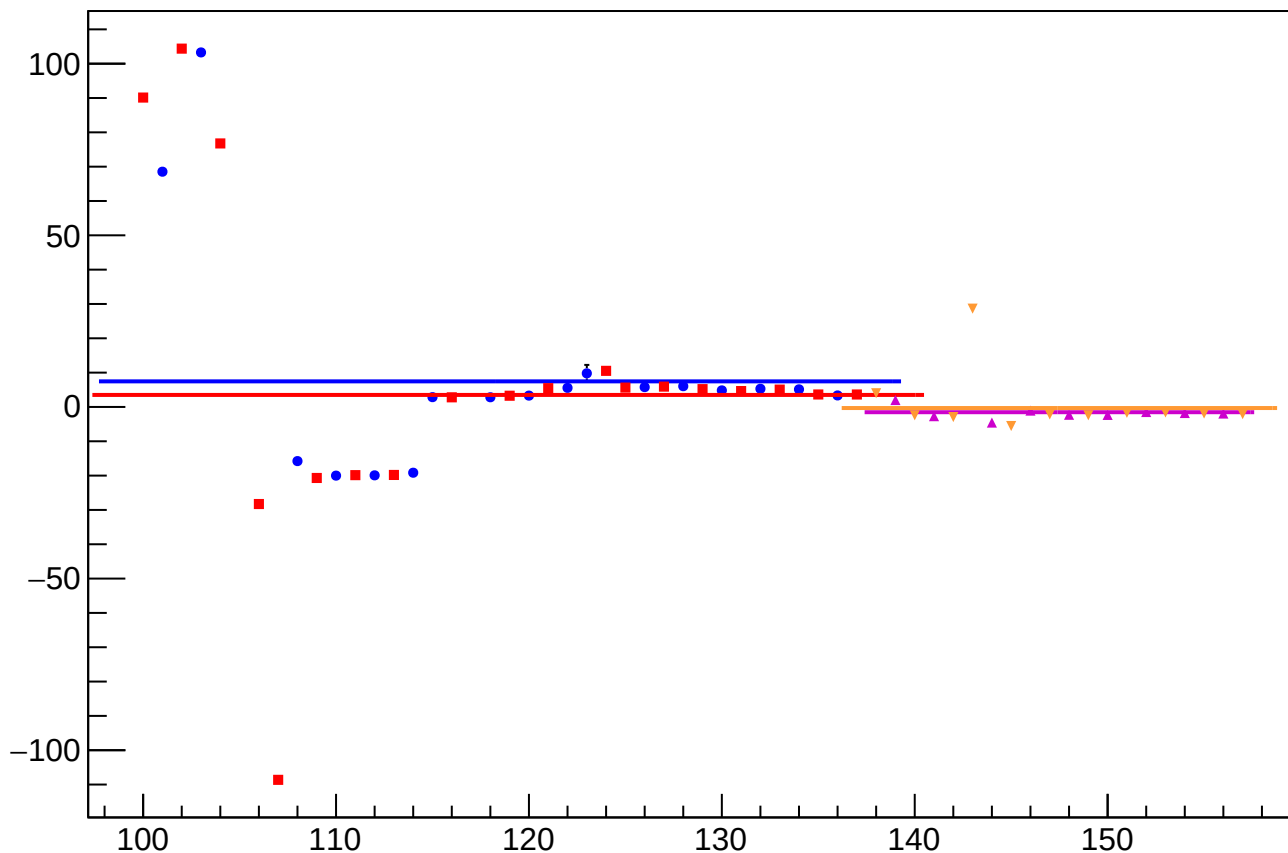
Left In: 1.044 ± 0.561 χ^2/NDF : 15.5/8

+ sign 1.665 ± 0.434 χ^2/NDF : 103.8/27

All: 1.241 ± 0.312 χ^2/NDF : 177.0/55

- sign 0.786 ± 0.449 χ^2/NDF : 71.2/27

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 $\pm$ 0.044 χ^2 /NDF: 356053.3/16

Left Out: -0.316 $\pm$ 0.025 χ^2 /NDF: 71883.7/10

Right Out: 3.502 $\pm$ 0.046 χ^2 /NDF: 510579.7/18

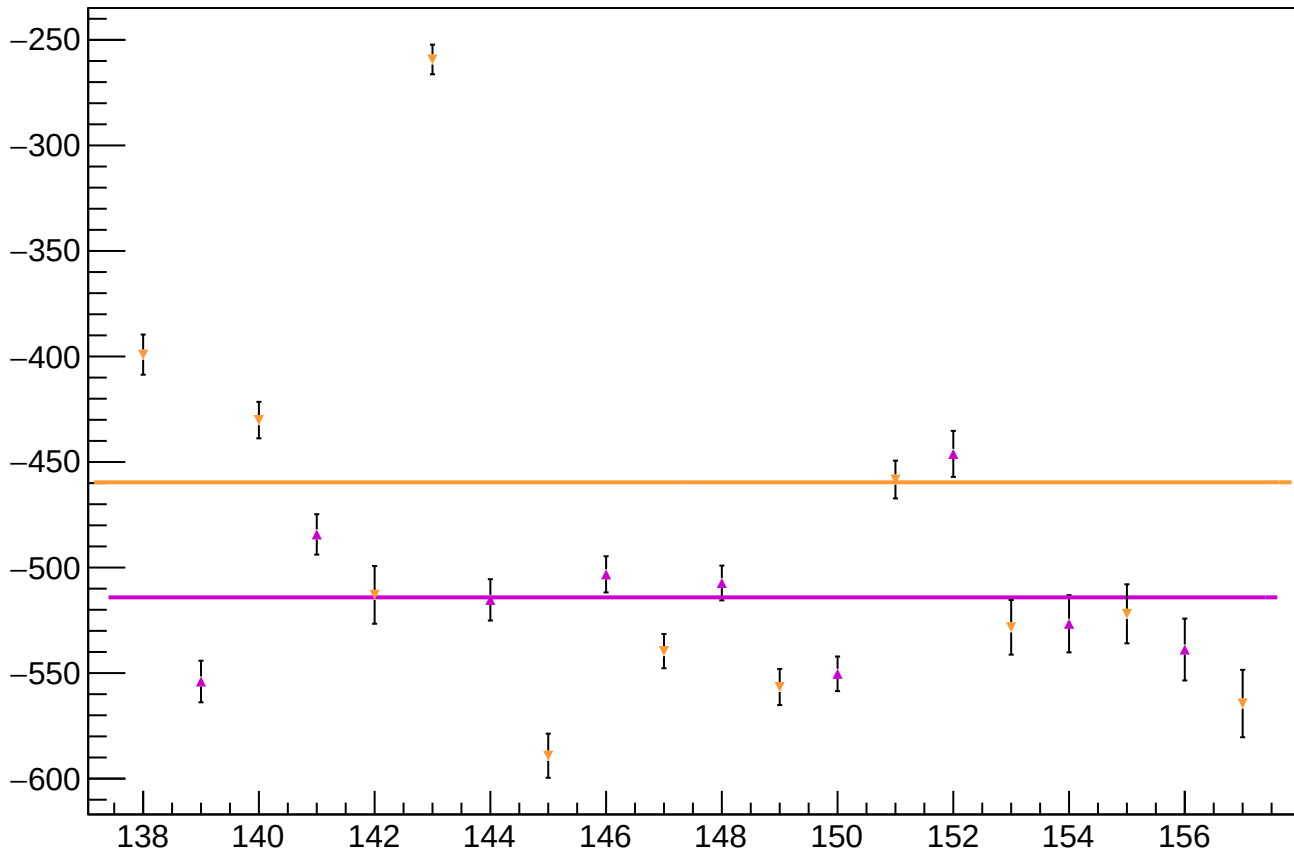
Left In: -1.532 $\pm$ 0.026 χ^2 /NDF: 4187.9/8

+ sign 1.563 $\pm$ 0.022 χ^2 /NDF: 451133.0/27

All: 0.653 $\pm$ 0.016 χ^2 /NDF: 978717.8/55

- sign -0.308 $\pm$ 0.022 χ^2 /NDF: 524014.0/27

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

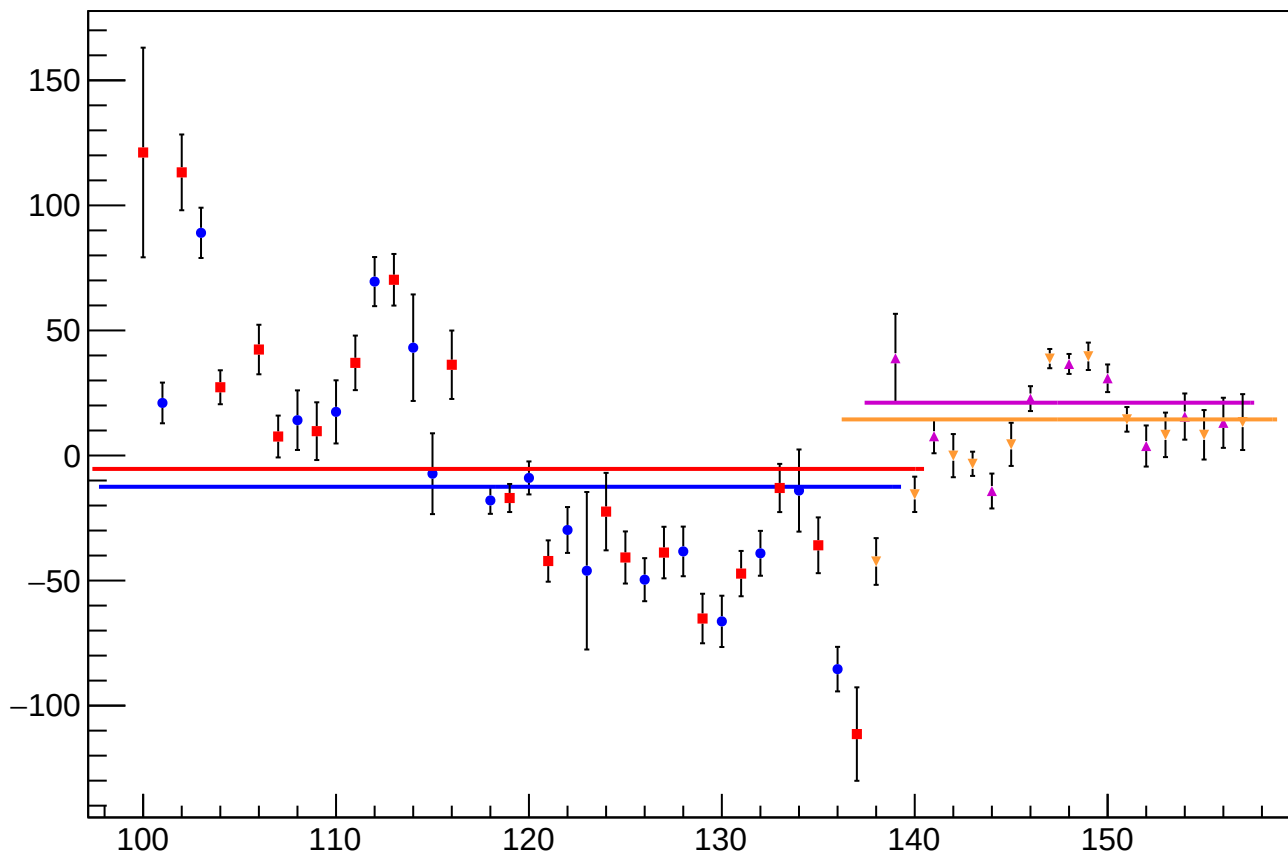
Left In: -514.125+/-3.272 χ^2/NDF :90.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.975+/-2.188 χ^2/NDF : 1596.0/19

- 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

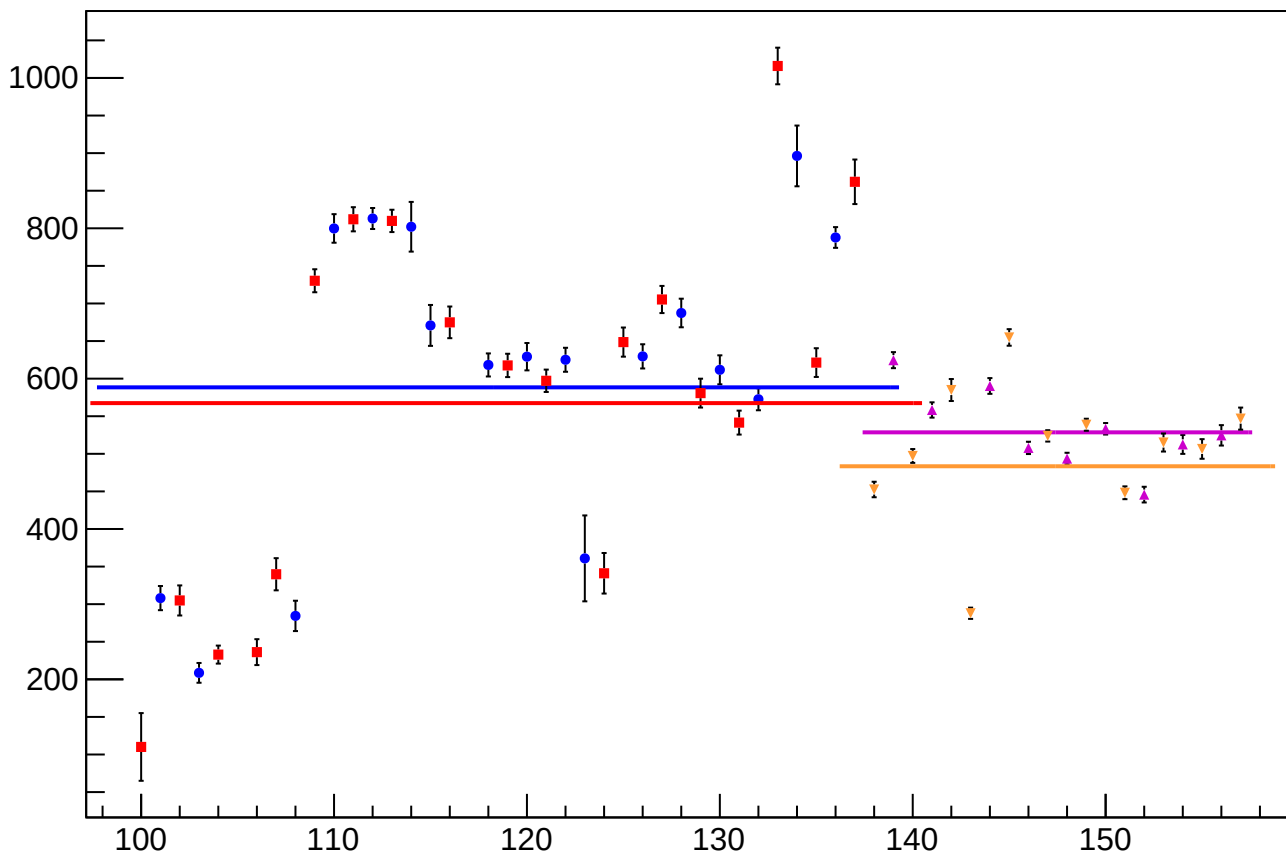
Left In: 21.109 ± 2.143 χ^2/NDF : 54.3/8

+ sign 3.498 ± 1.472 χ^2/NDF : 556.3/27

All: 5.908 ± 1.070 χ^2/NDF : 1032.9/55

- sign 8.601 ± 1.556 χ^2/NDF : 470.9/27

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 $\pm$ 4.320 χ^2/NDF : 2130.2/16

Left Out: 483.434 $\pm$ 2.934 χ^2/NDF :1104.4/10

Right Out: 567.451 $\pm$ 4.137 χ^2/NDF : 2784.8/18

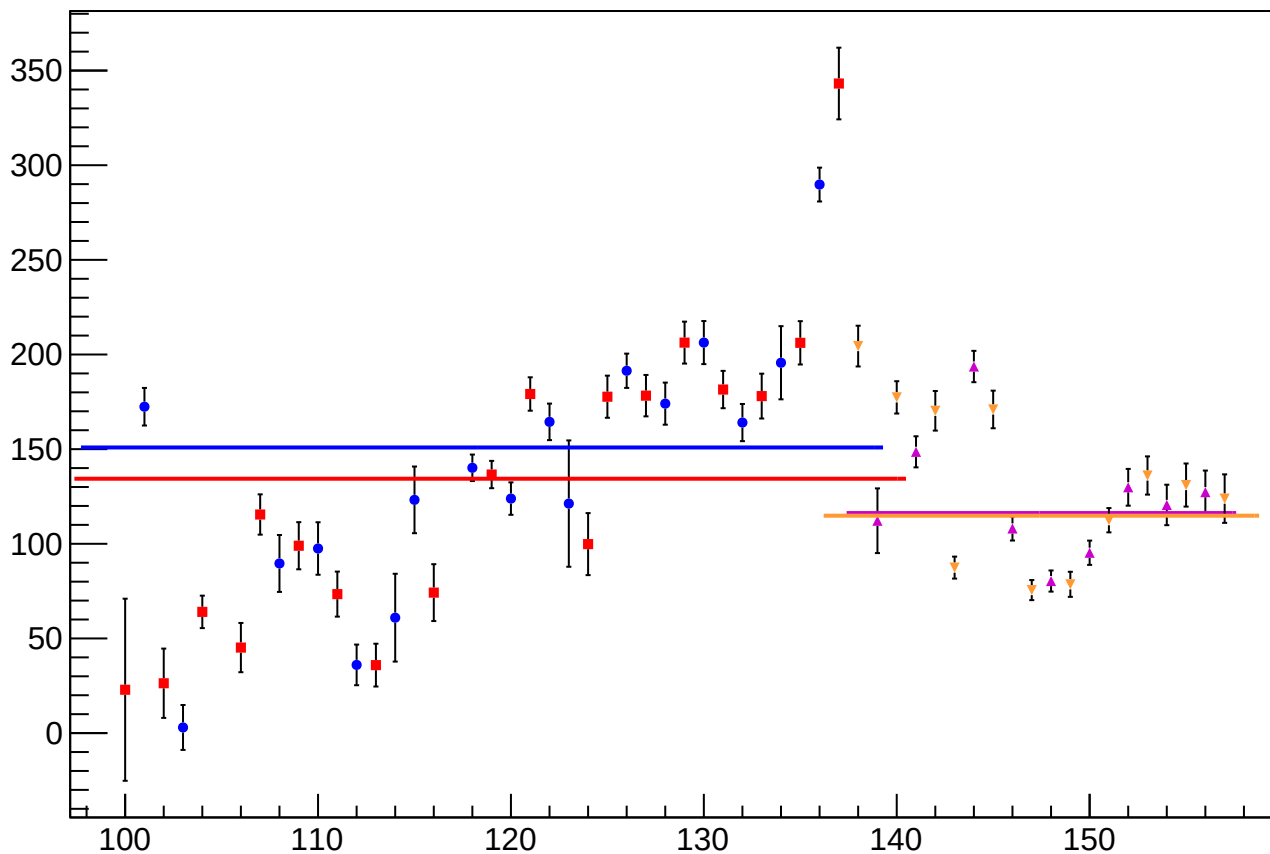
Left In: 528.563 $\pm$ 3.208 χ^2/NDF :216.1/8

+ sign 516.573 $\pm$ 2.427 χ^2/NDF : 3638.7/27

All: 529.293 $\pm$ 1.753 χ^2/NDF : 6752.2/55

- sign 543.168 $\pm$ 2.535 χ^2/NDF : 3056.1/27

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 $\chi^2/\text{NDF}: 584.9/18$

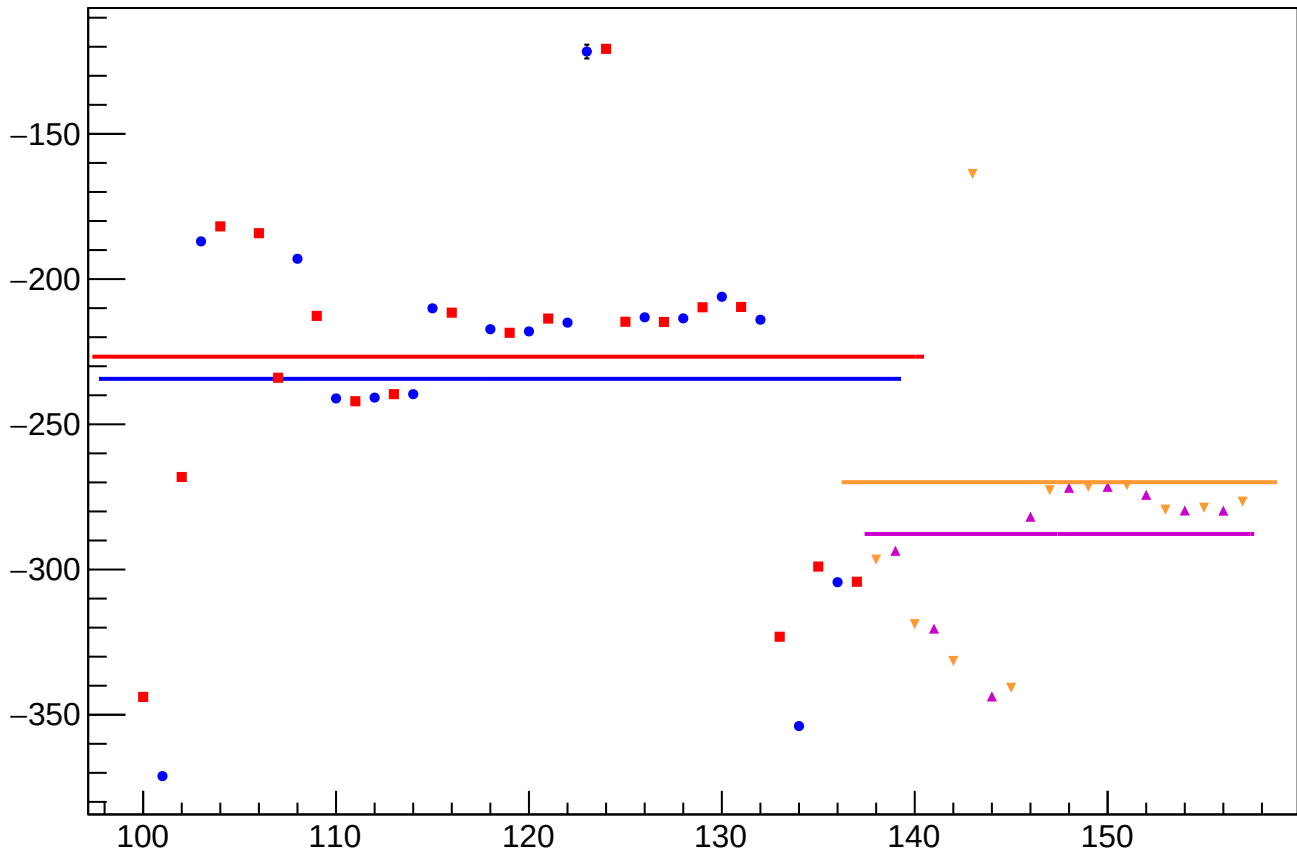
Left In: 116.245 ± 2.663 $\chi^2/\text{NDF}: 159.9/8$

+ sign 130.734 ± 1.775 $\chi^2/\text{NDF}: 1033.5/27$

All: 128.232 ± 1.287 $\chi^2/\text{NDF}: 1806.0/55$

- sign 125.463 ± 1.868 $\chi^2/\text{NDF}: 768.3/27$

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

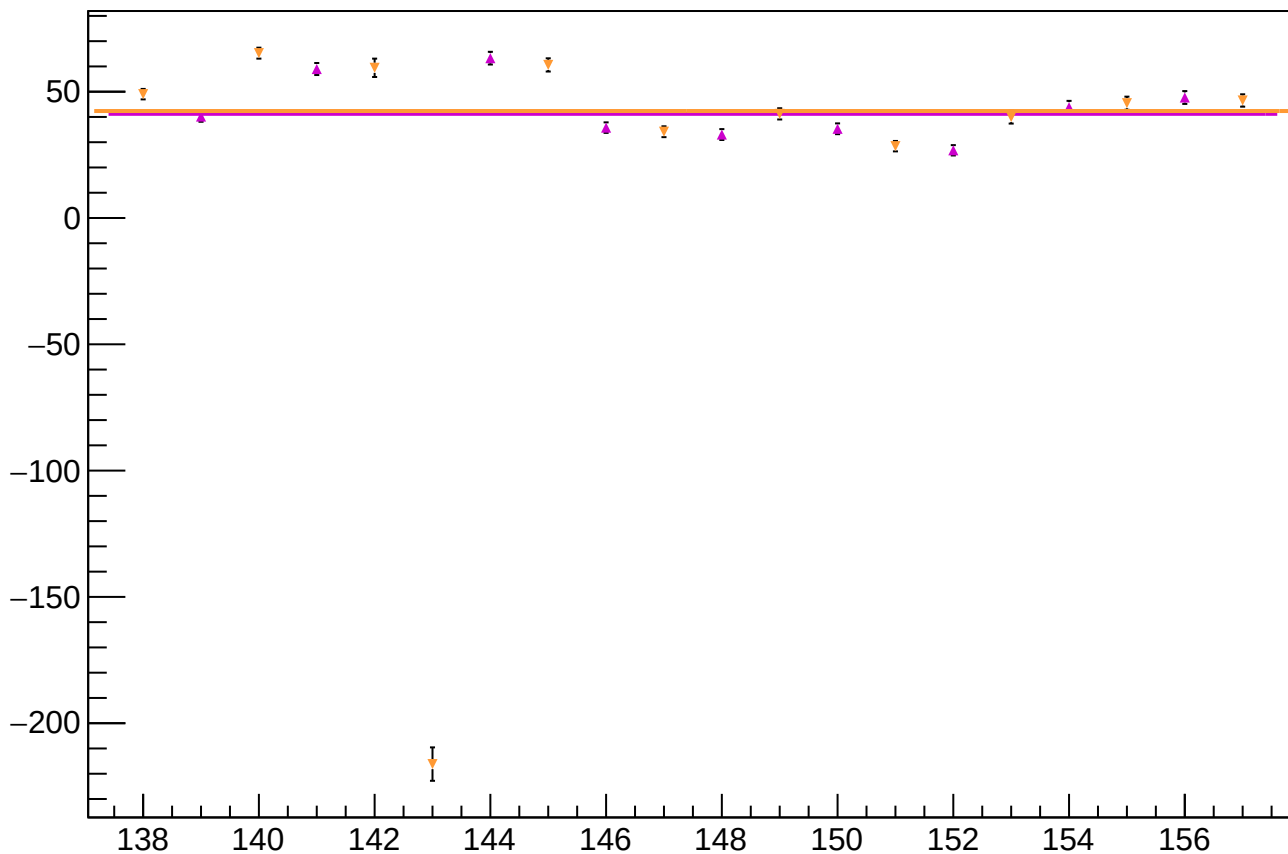
Left In: -287.754 ± 0.130 χ^2/NDF : 28143.8/8

+ sign -255.797 ± 0.093 χ^2/NDF : 362113.3/27

All: -257.730 ± 0.067 χ^2/NDF : 591548.3/55

- sign -259.757 ± 0.096 χ^2/NDF : 228558.3/27

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

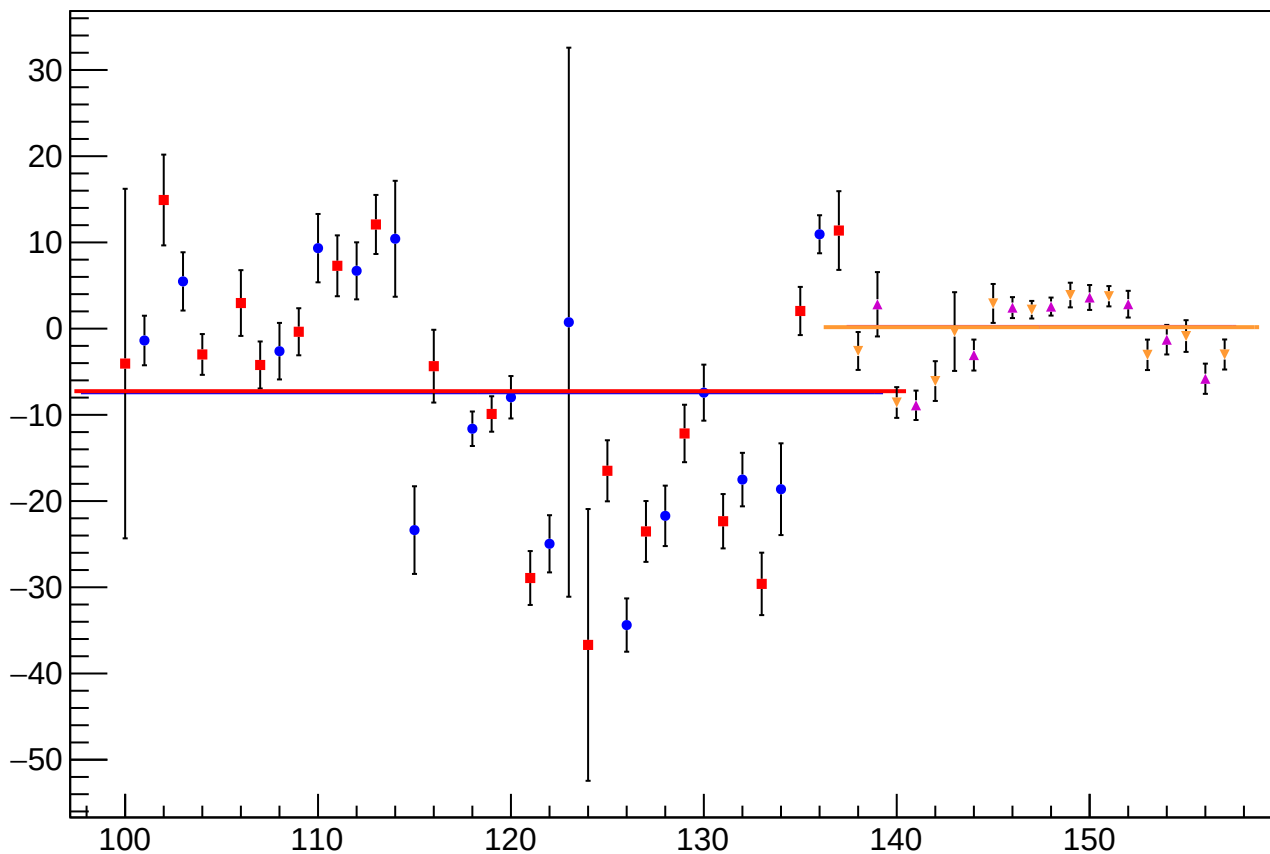
Left In: 41.243+/-0.748 χ^2/NDF :219.1/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.798+/-0.527 χ^2/NDF : 2006.8/19

- 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

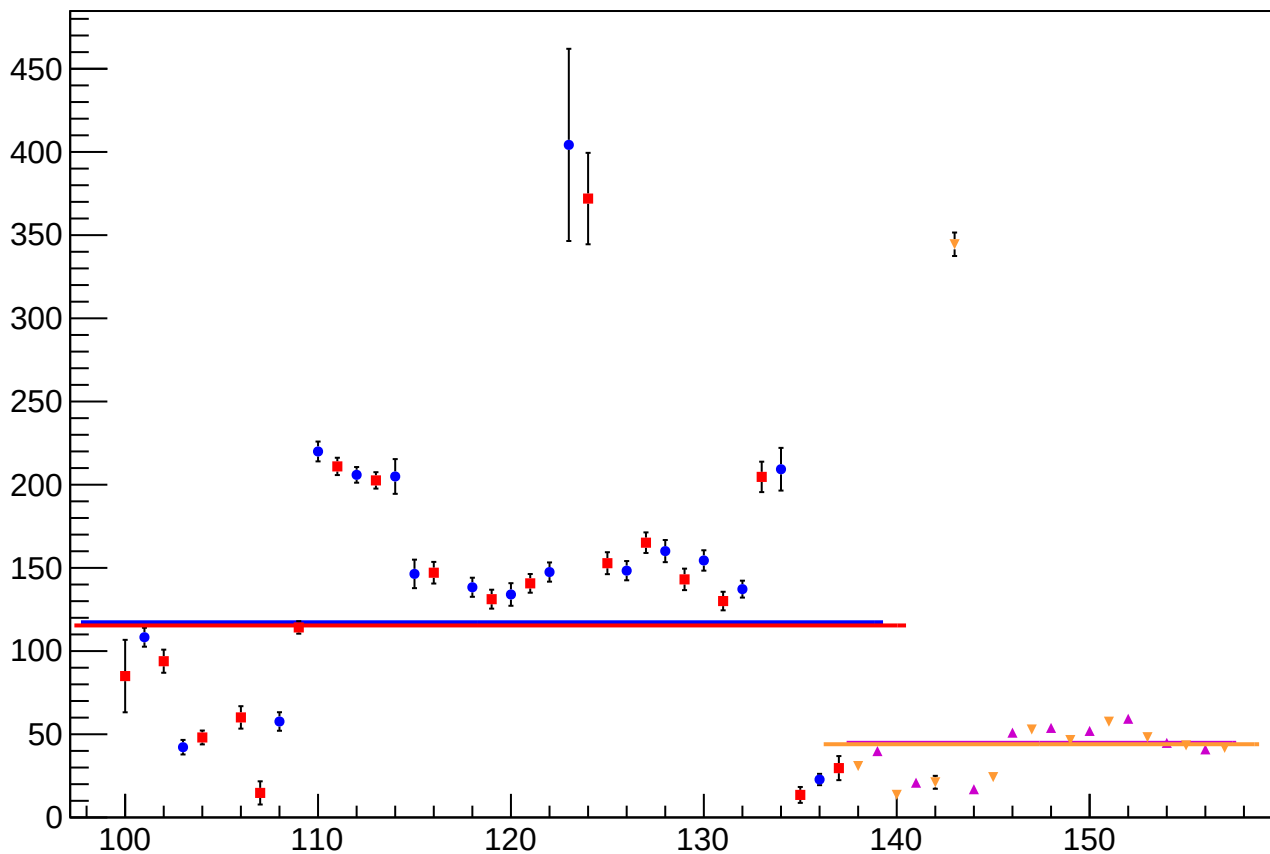
Left In: 0.198 ± 0.508 χ^2/NDF : 61.7/8

+ sign -2.007 ± 0.418 χ^2/NDF : 411.9/27

All: -2.050 ± 0.297 χ^2/NDF : 797.2/55

- sign -2.094 ± 0.423 χ^2/NDF : 385.3/27

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

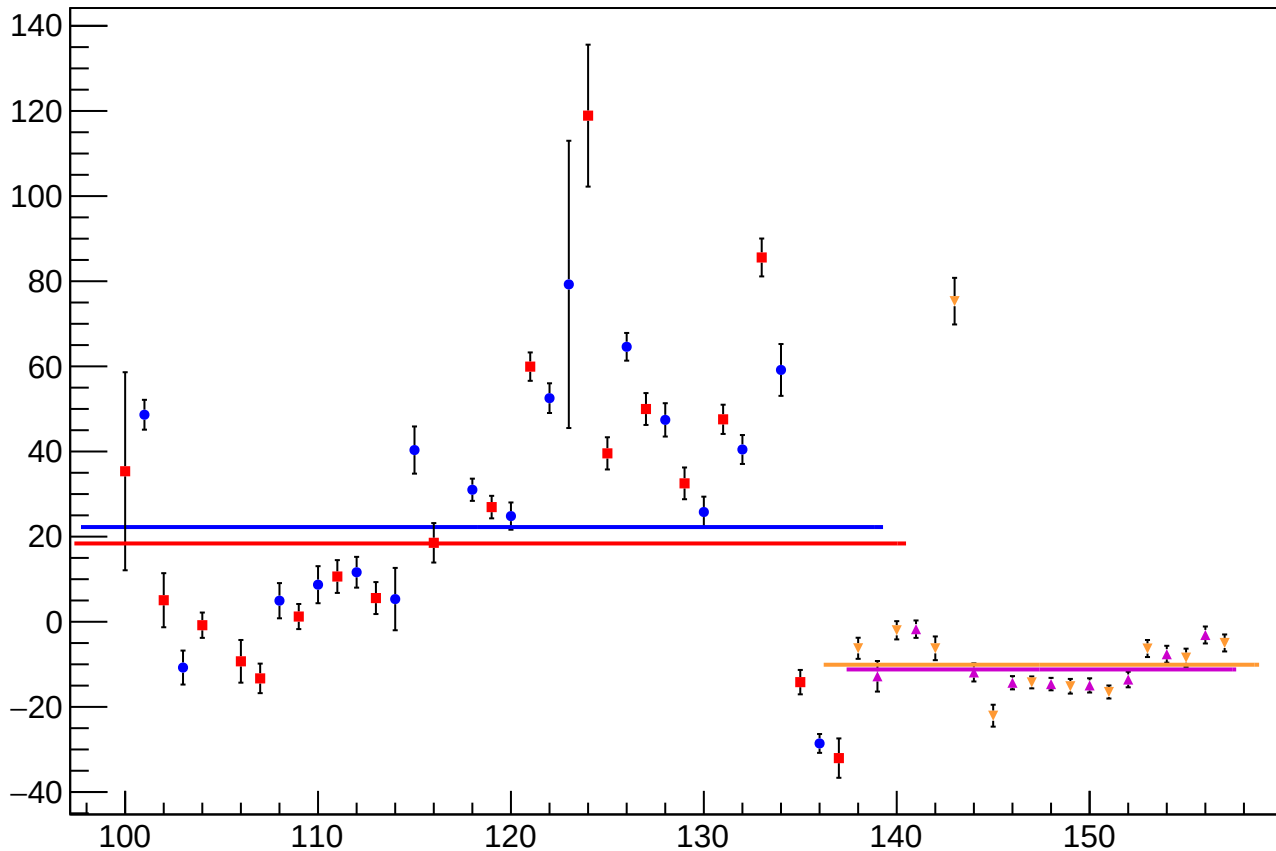
Left In: 44.858 $\pm$ 0.732 χ^2 /NDF:301.4/8

+ sign 59.458 $\pm$ 0.647 χ^2 /NDF: 6477.8/27

All: 60.073 $\pm$ 0.456 χ^2 /NDF: 11016.8/55

- sign 60.683 $\pm$ 0.644 χ^2 /NDF: 4537.2/27

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -10.093 $\pm$ 0.610 χ^2 /NDF:329.2/10

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

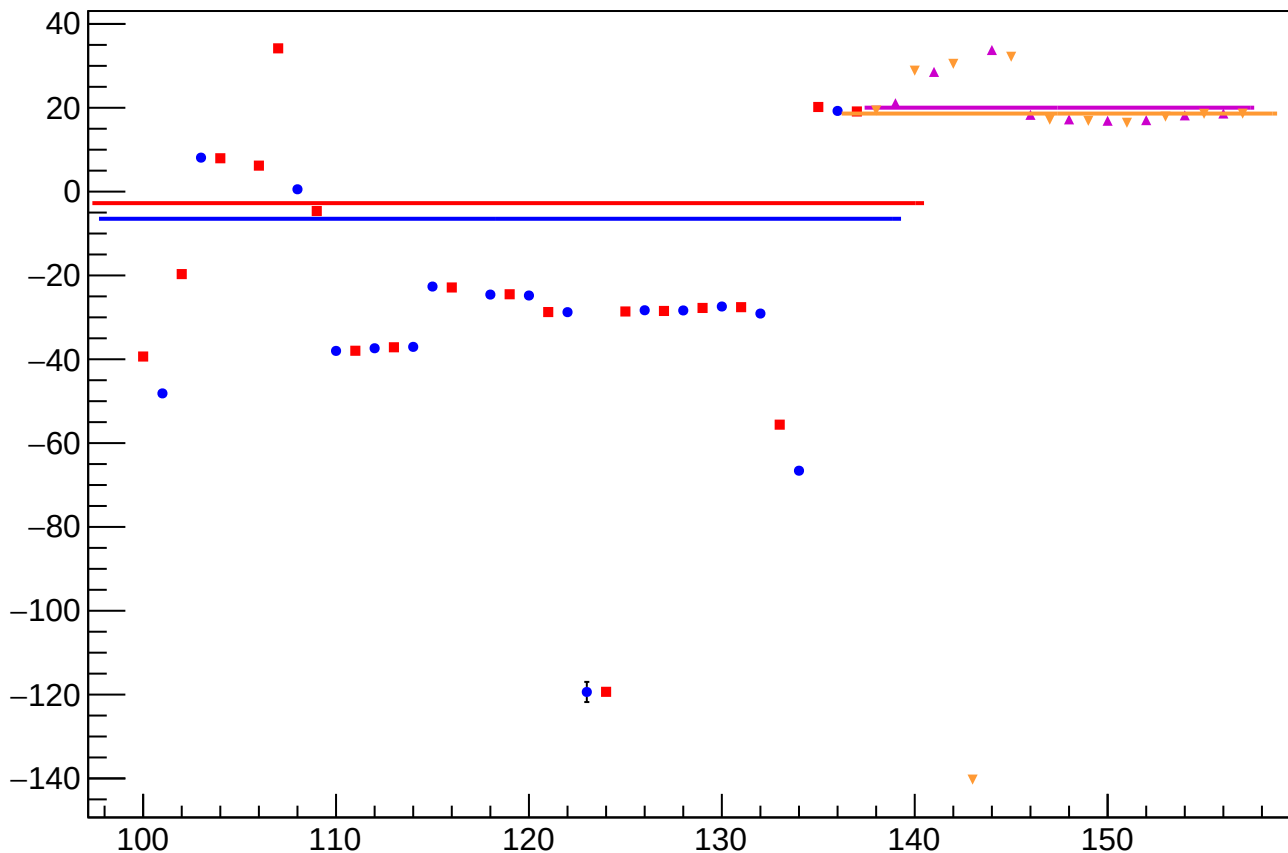
Left In: -11.203 $\pm$ 0.623 χ^2 /NDF:57.7/8

+ sign 0.261 $\pm$ 0.503 χ^2 /NDF: 2300.2/27

All: -0.467 $\pm$ 0.357 χ^2 /NDF: 4202.5/55

- sign -1.206 $\pm$ 0.507 χ^2 /NDF: 1898.1/27

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 18.619 ± 0.029 $\chi^2/\text{NDF}: 348554.0/10$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

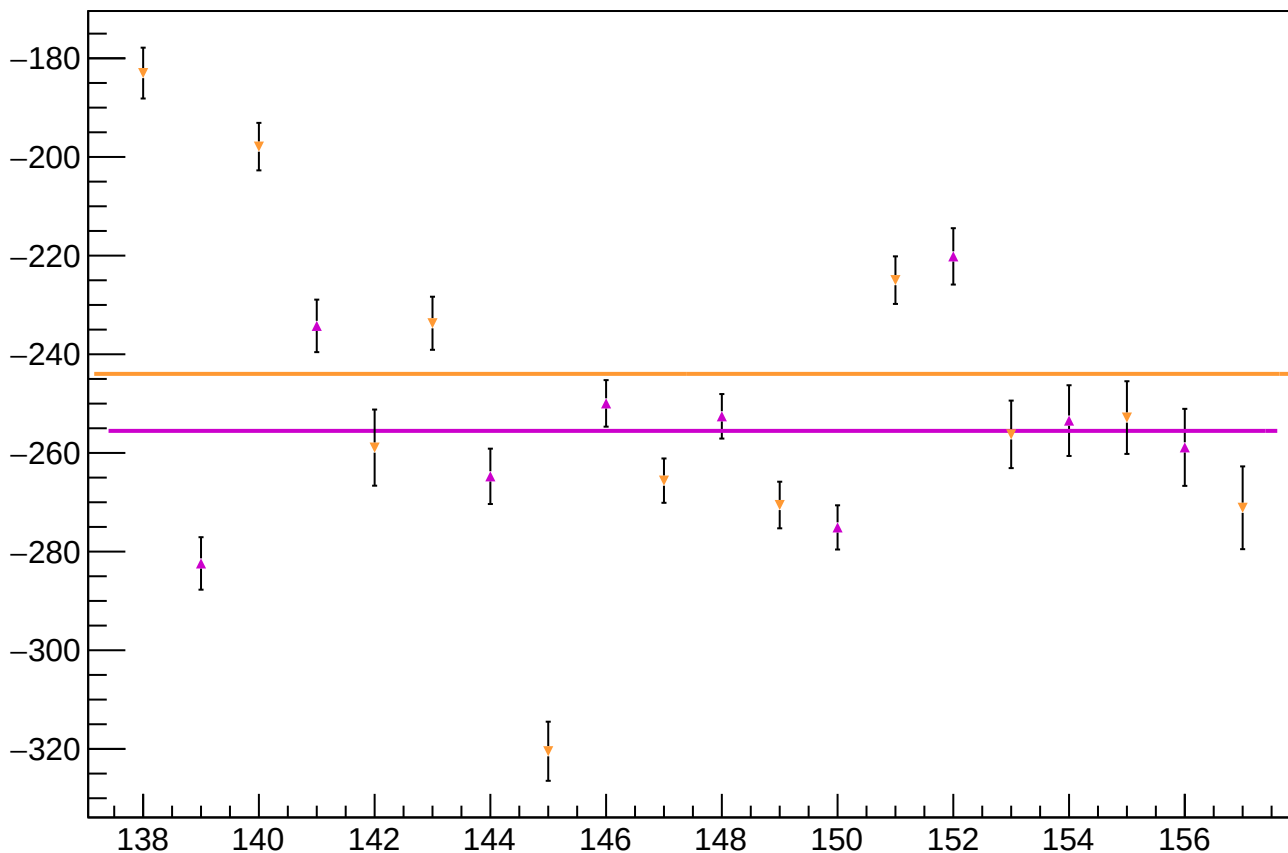
Left In: 20.023 ± 0.029 $\chi^2/\text{NDF}: 25853.5/8$

+ sign 11.558 ± 0.024 $\chi^2/\text{NDF}: 826859.5/27$

All: 12.539 ± 0.017 $\chi^2/\text{NDF}: 1299740.1/55$

- sign 13.515 ± 0.024 $\chi^2/\text{NDF}: 469680.1/27$

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

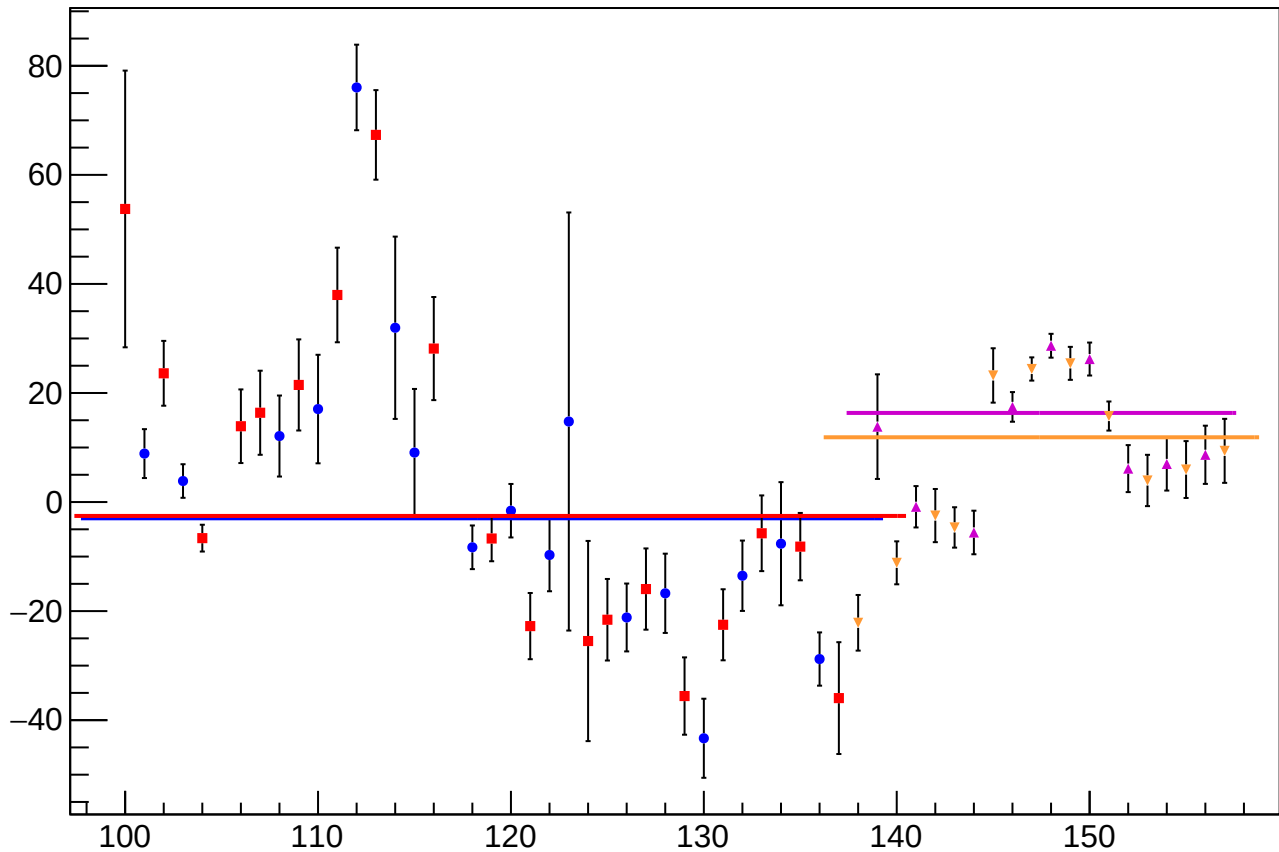
Left In: -255.529+/-1.788 χ^2/NDF : 103.7/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.415+/-1.227 χ^2/NDF : 613.3/19

- 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

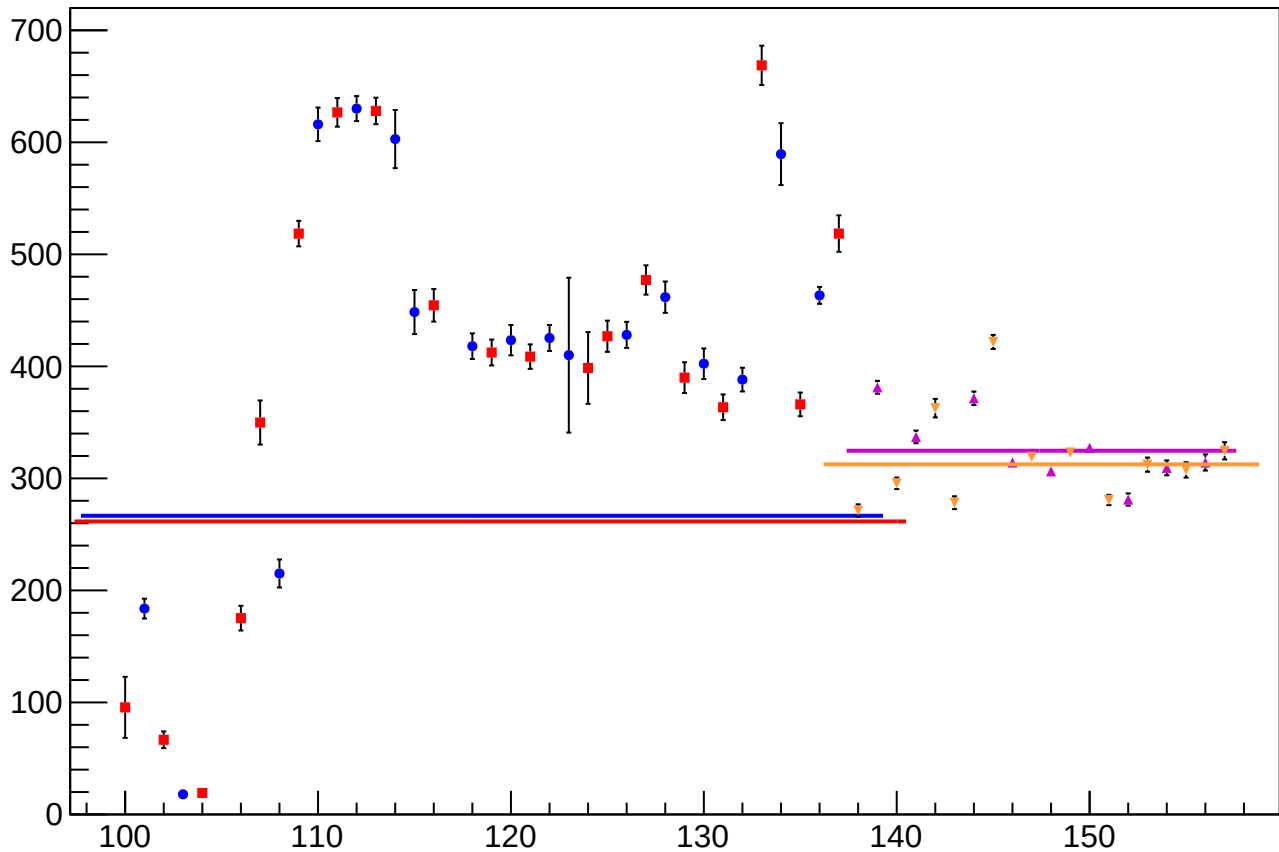
Left In: 16.343 ± 1.172 χ^2/NDF : 104.7/8

+ sign 6.504 ± 0.872 χ^2/NDF : 444.3/27

All: 7.496 ± 0.626 χ^2/NDF : 877.0/55

- sign 8.549 ± 0.898 χ^2/NDF : 430.0/27

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 312.517 $\pm$ 1.670 χ^2 /NDF:498.5/10

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

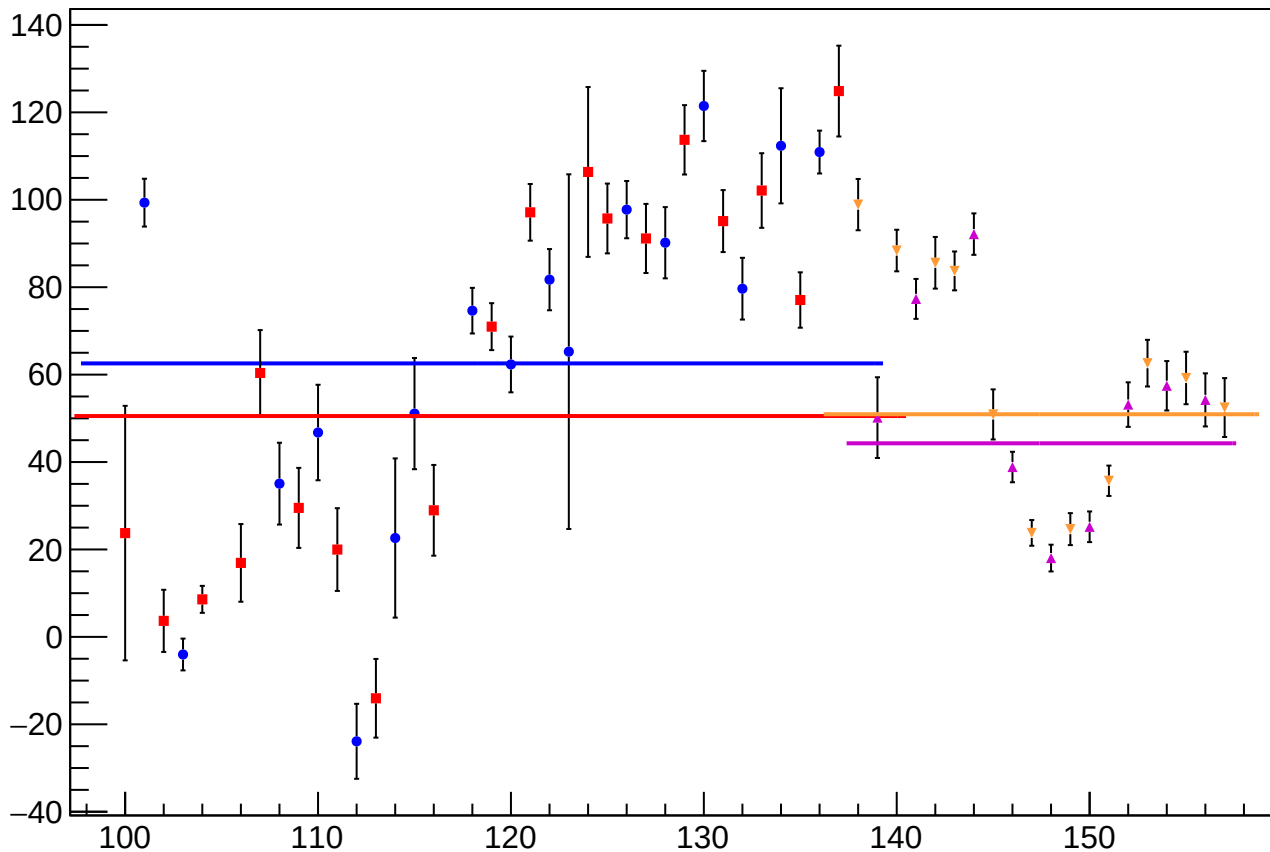
Left In: 324.663 $\pm$ 1.751 χ^2 /NDF:257.8/8

+ sign 298.173 $\pm$ 1.385 χ^2 /NDF: 8397.1/27

All: 300.719 $\pm$ 0.993 χ^2 /NDF: 17307.6/55

- sign 303.418 $\pm$ 1.426 χ^2 /NDF: 8903.5/27

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

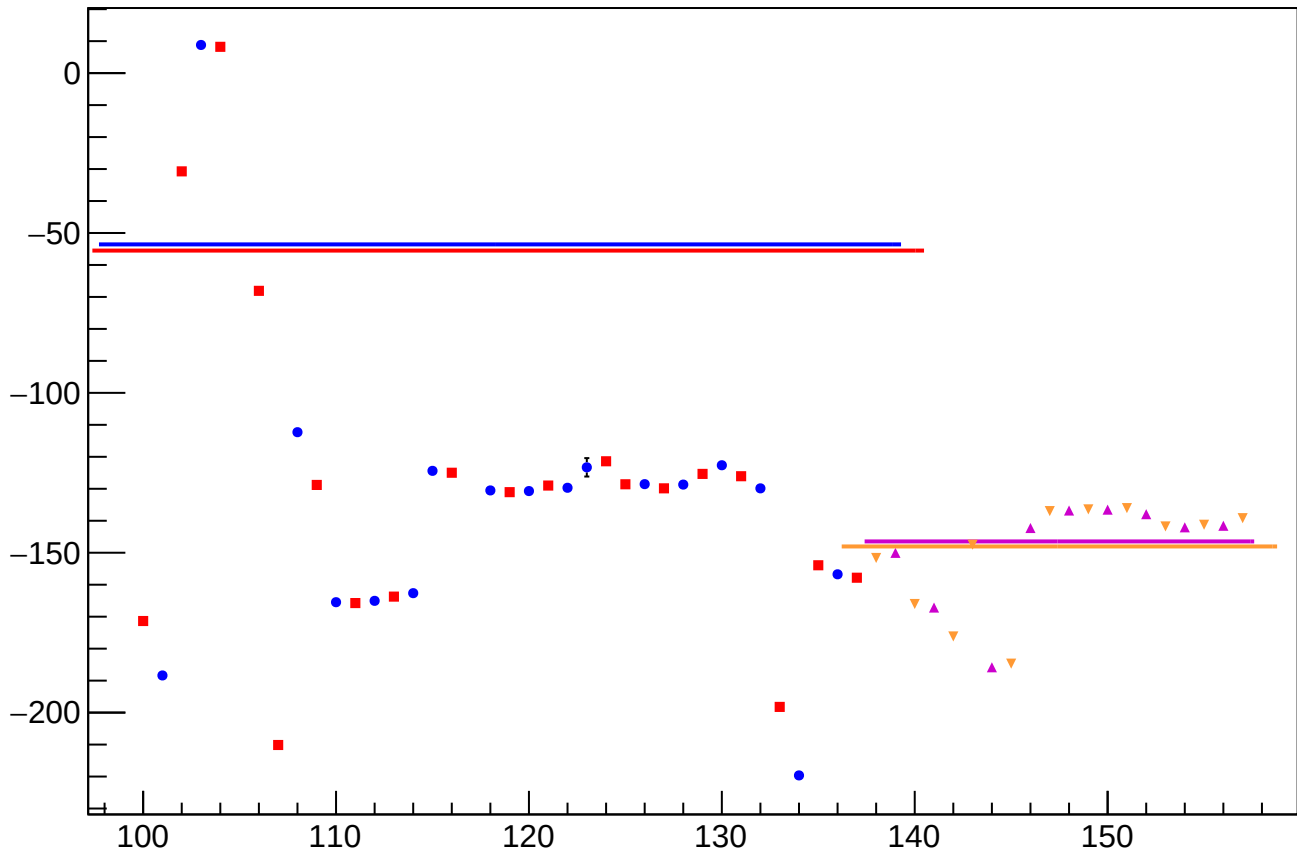
Left In: 44.289 $\pm$ 1.456 χ^2 /NDF: 271.5/8

+ sign 55.541 $\pm$ 1.056 χ^2 /NDF: 1132.0/27

All: 51.421 $\pm$ 0.758 χ^2 /NDF: 2100.0/55

- sign 47.033 $\pm$ 1.090 χ^2 /NDF: 936.5/27

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -148.041 ± 0.068 χ^2/NDF : 48761.6/10

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

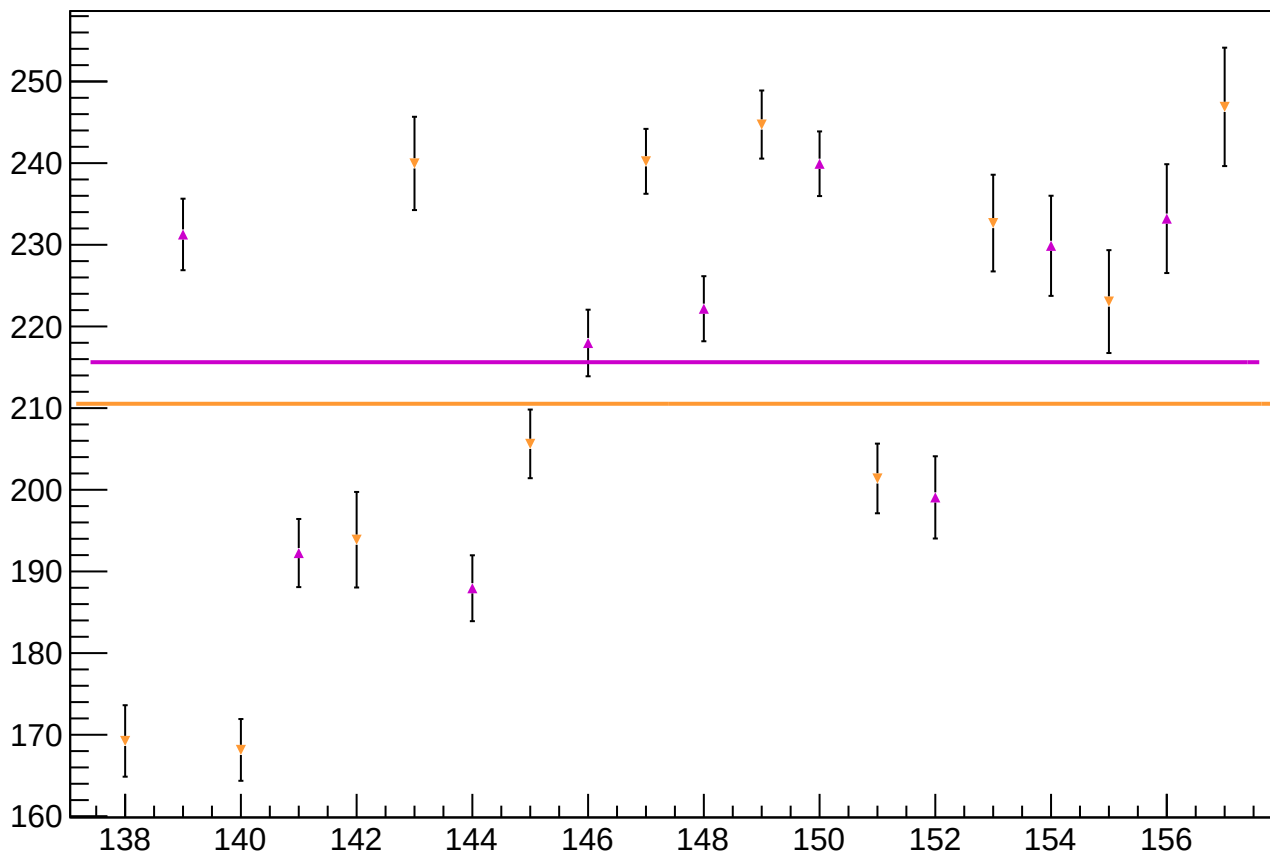
Left In: -146.464 ± 0.071 χ^2/NDF : 39554.8/8

+ sign -102.072 ± 0.049 χ^2/NDF : 2206924.3/27

All: -101.888 ± 0.035 χ^2/NDF : 4028750.9/55

- sign -101.693 ± 0.050 χ^2/NDF : 1821797.5/27

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 210.533 $\pm$ 1.433 χ^2 /NDF:421.3/10

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

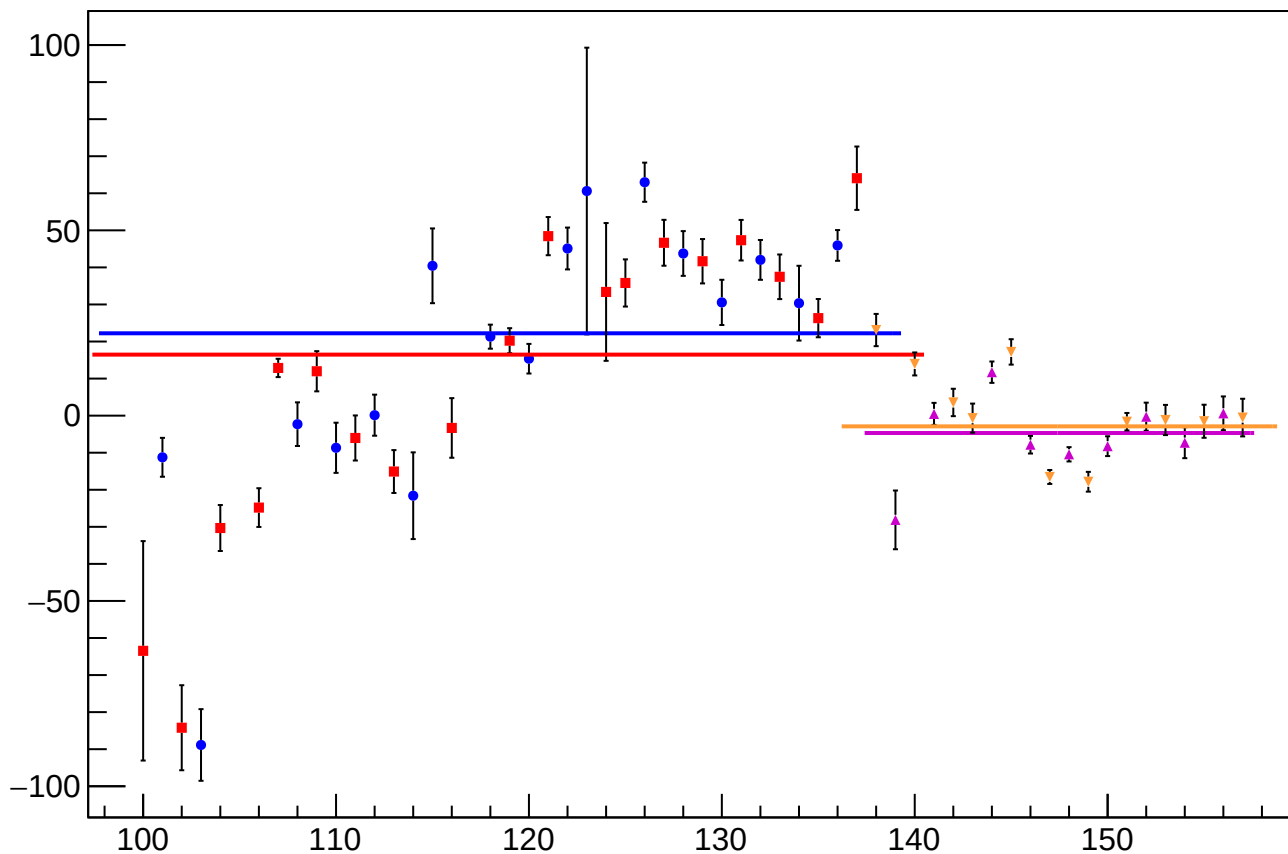
Left In: 215.623 $\pm$ 1.496 χ^2 /NDF:155.1/8

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

All: 212.968 $\pm$ 1.035 χ^2 /NDF: 582.5/19

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

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-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

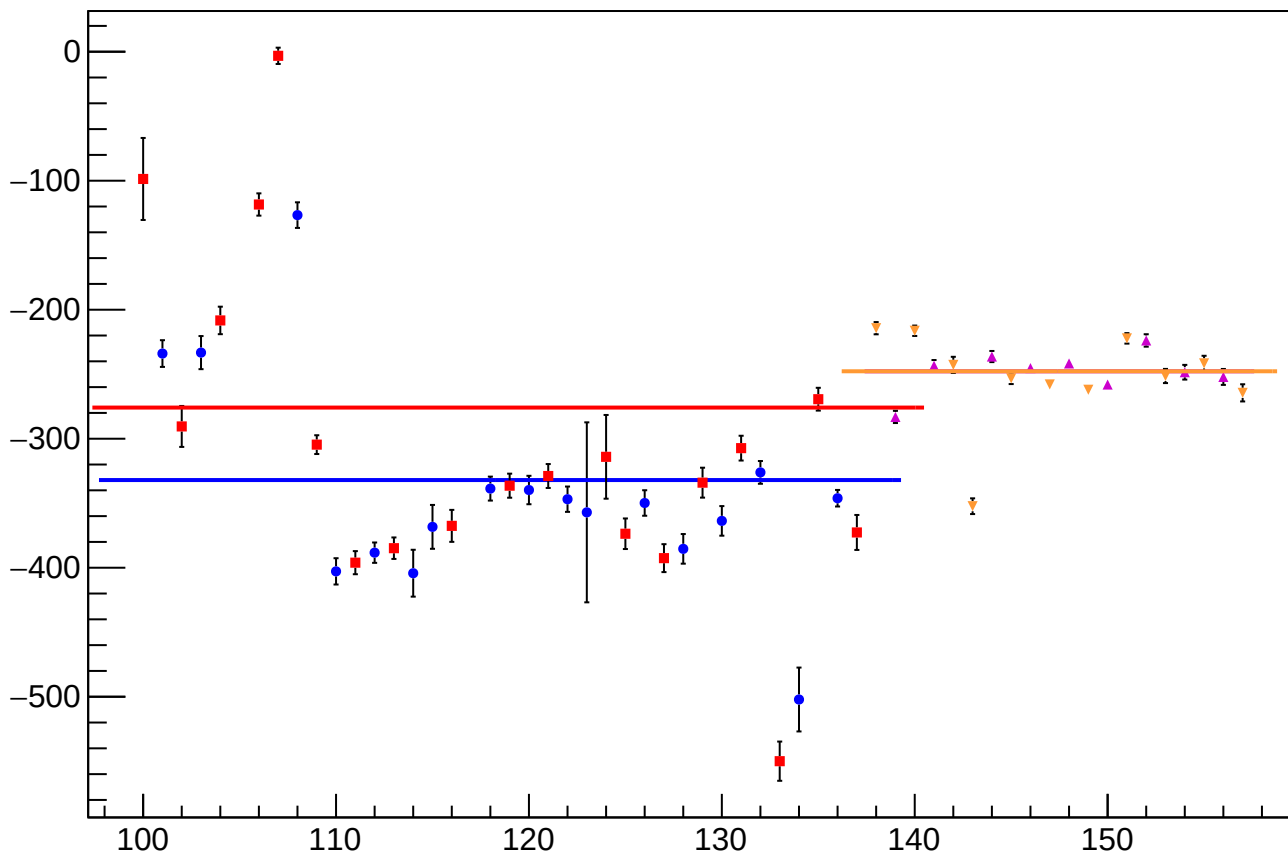
Left In: -4.685+/-0.995 χ^2/NDF : 59.7/8

+ sign 5.118+/-0.776 χ^2/NDF : 800.7/27

All: 4.401+/-0.548 χ^2/NDF : 1466.7/55

- sign 3.688+/-0.774 χ^2/NDF : 664.3/27

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -247.721 $\pm$ 1.425 χ^2 /NDF: 475.1/10

Right Out: -275.853 $\pm$ 2.324 χ^2 /NDF: 3362.8/18

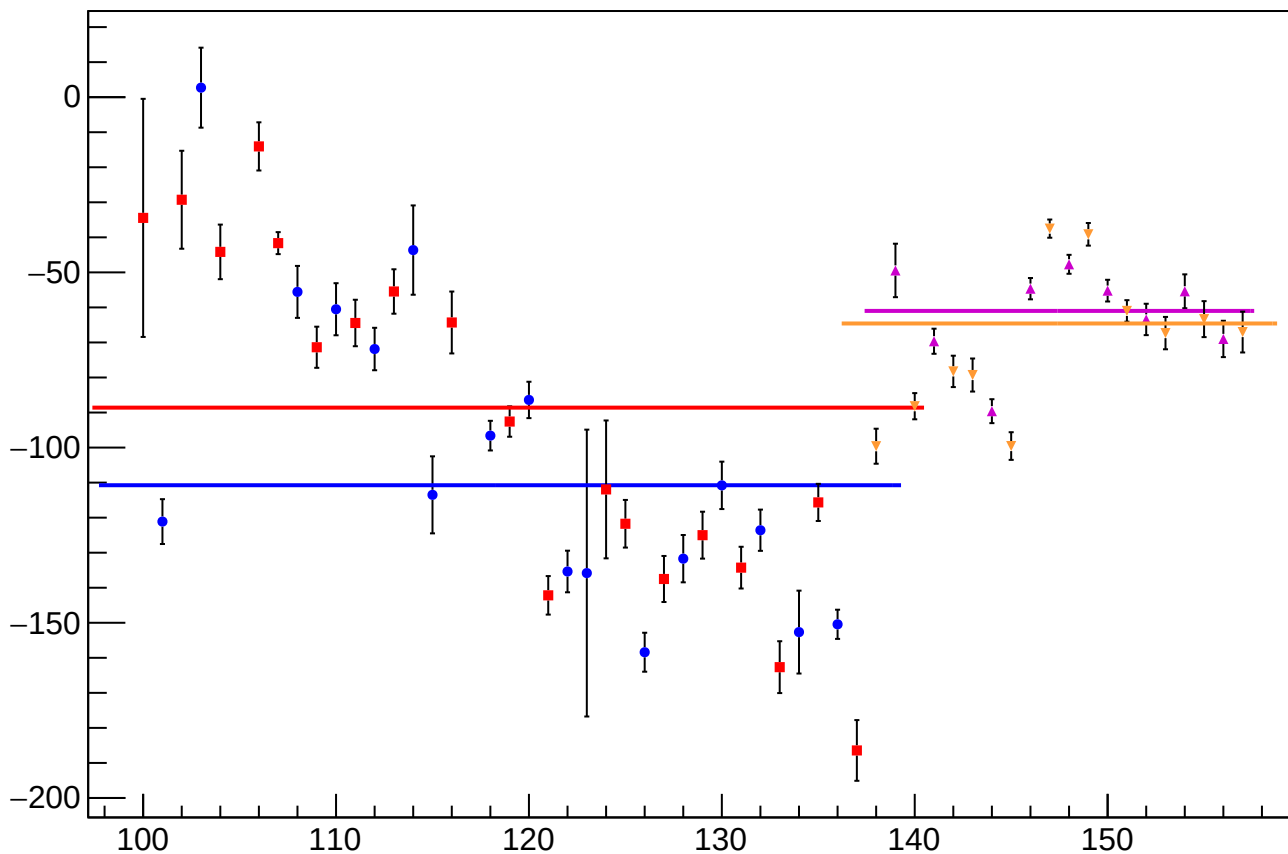
Left In: -247.741 $\pm$ 1.475 χ^2 /NDF: 99.6/8

+ sign -267.643 $\pm$ 1.245 χ^2 /NDF: 2087.2/27

All: -261.728 $\pm$ 0.881 χ^2 /NDF: 5699.0/55

- sign -255.812 $\pm$ 1.245 χ^2 /NDF: 3566.7/27

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

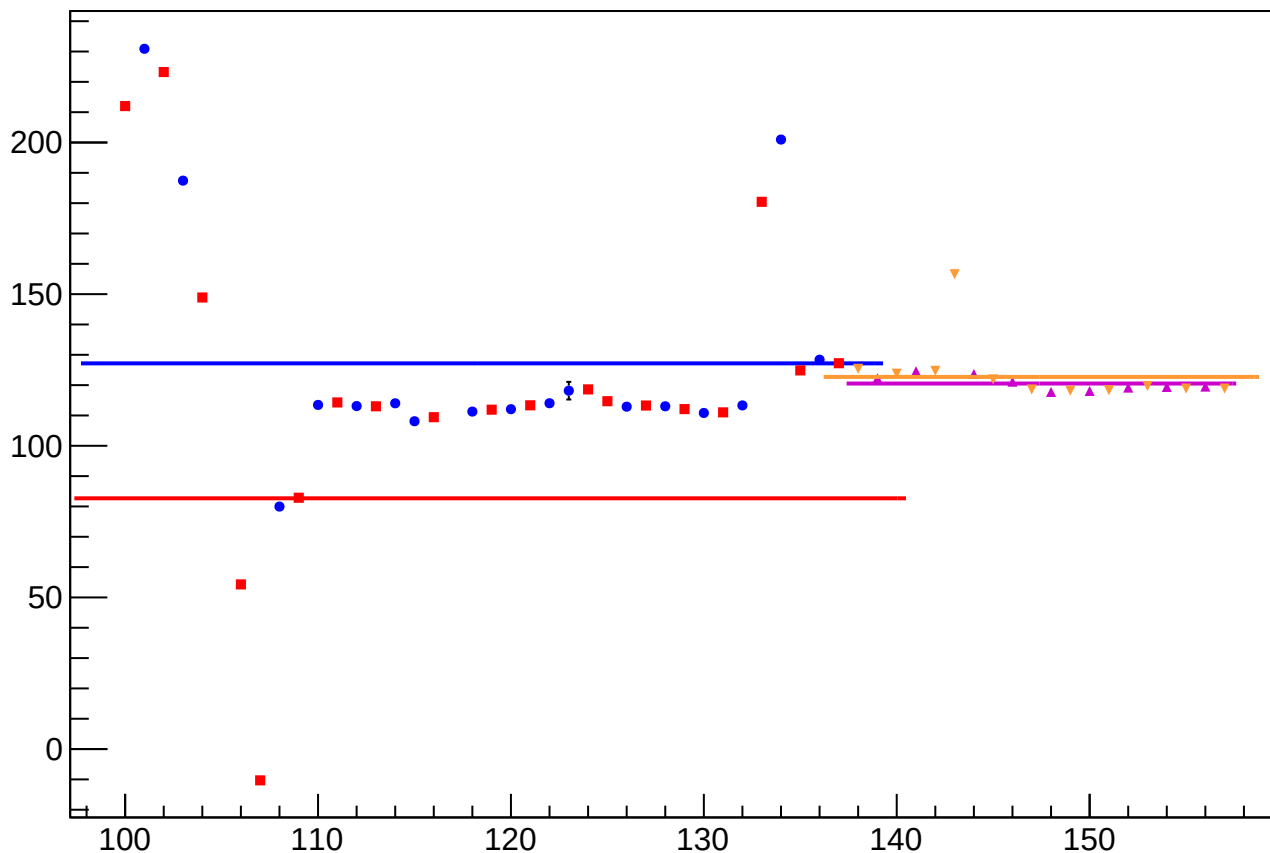
Left In: -60.996 ± 1.231 χ^2/NDF : 114.4/8

+ sign -80.895 ± 0.938 χ^2/NDF : 1426.4/27

All: -76.783 ± 0.662 χ^2/NDF : 2762.1/55

- sign -72.702 ± 0.934 χ^2/NDF : 1297.4/27

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

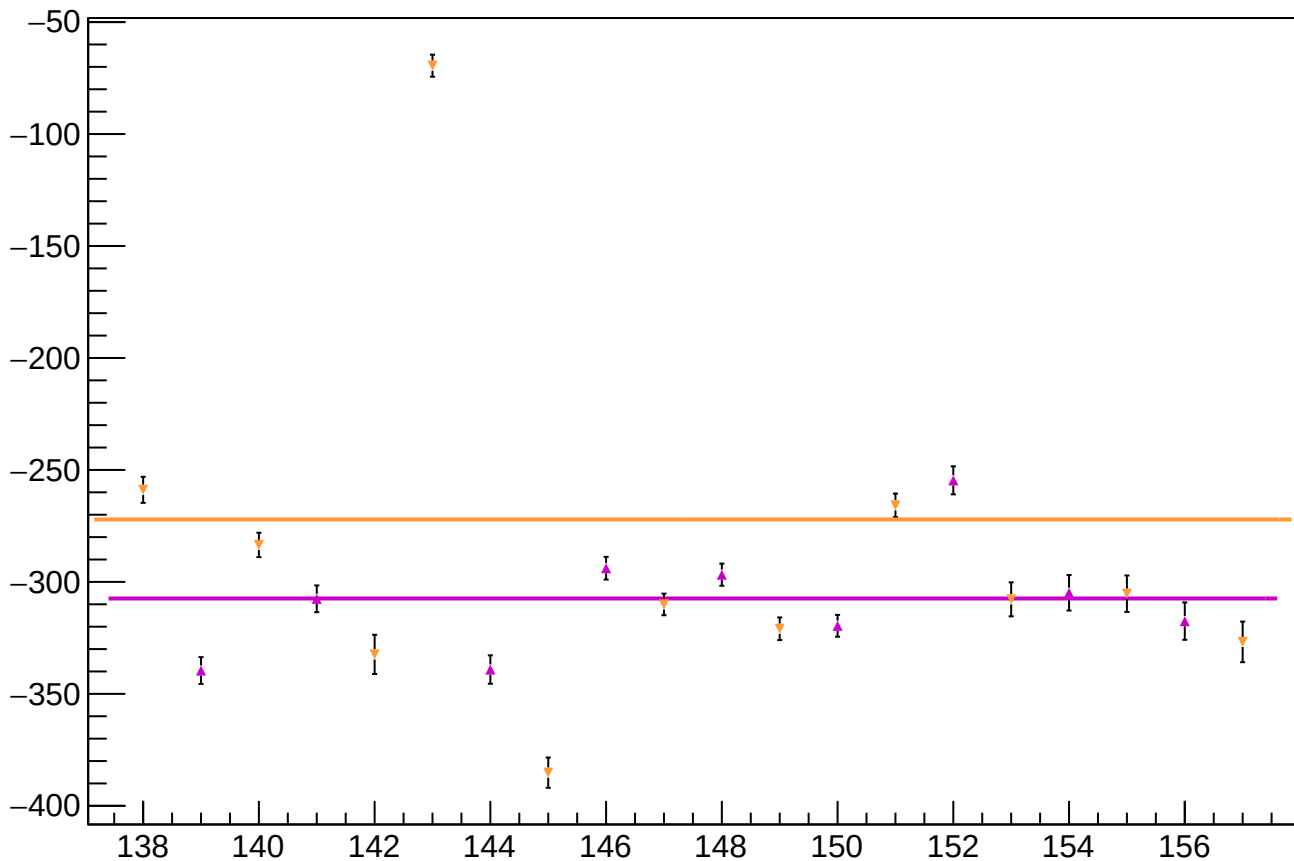
Left In: 120.529 $\pm$ 0.060 χ^2 /NDF: 1559.3/8

+ sign 124.050 $\pm$ 0.049 χ^2 /NDF: 212026.6/27

All: 114.620 $\pm$ 0.034 χ^2 /NDF: 1206439.2/55

- sign 105.941 $\pm$ 0.047 χ^2 /NDF: 922505.4/27

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

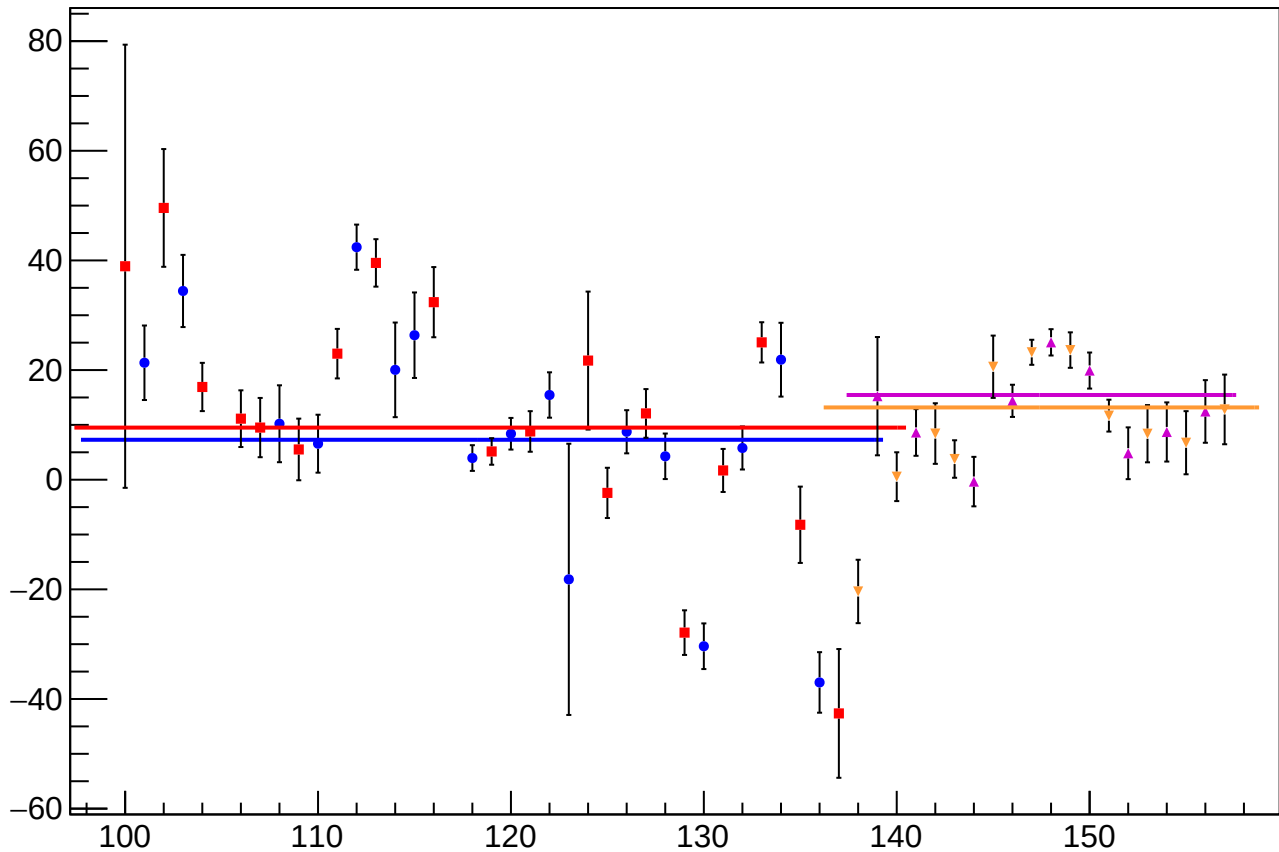
Left In: -307.407 ± 1.968 χ^2/NDF : 144.4/8

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -288.375 ± 1.336 χ^2/NDF : 2580.1/19

- 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

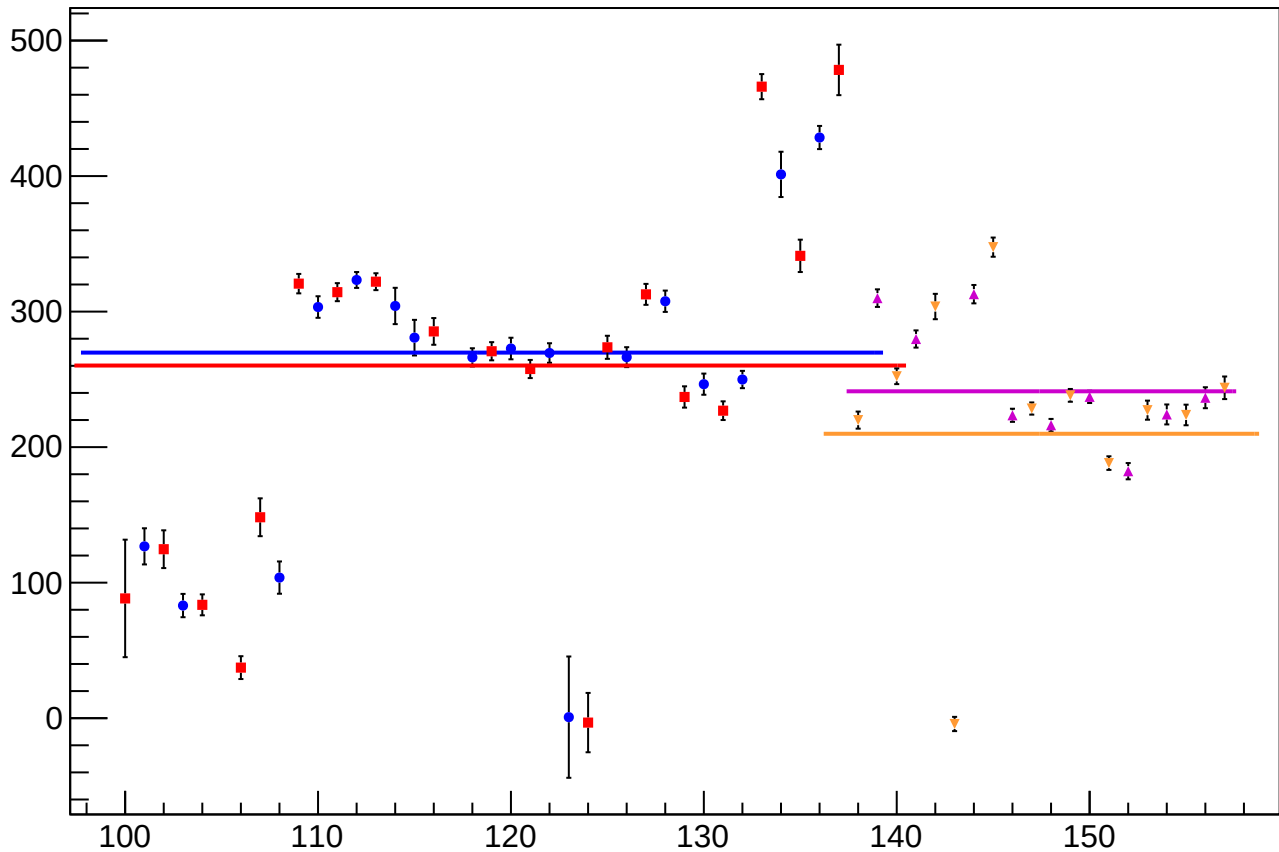
Left In: 15.454 ± 1.286 χ^2/NDF : 39.7/8

+ sign 10.001 ± 0.796 χ^2/NDF : 358.7/27

All: 10.941 ± 0.573 χ^2/NDF : 645.4/55

- sign 11.950 ± 0.825 χ^2/NDF : 283.8/27

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

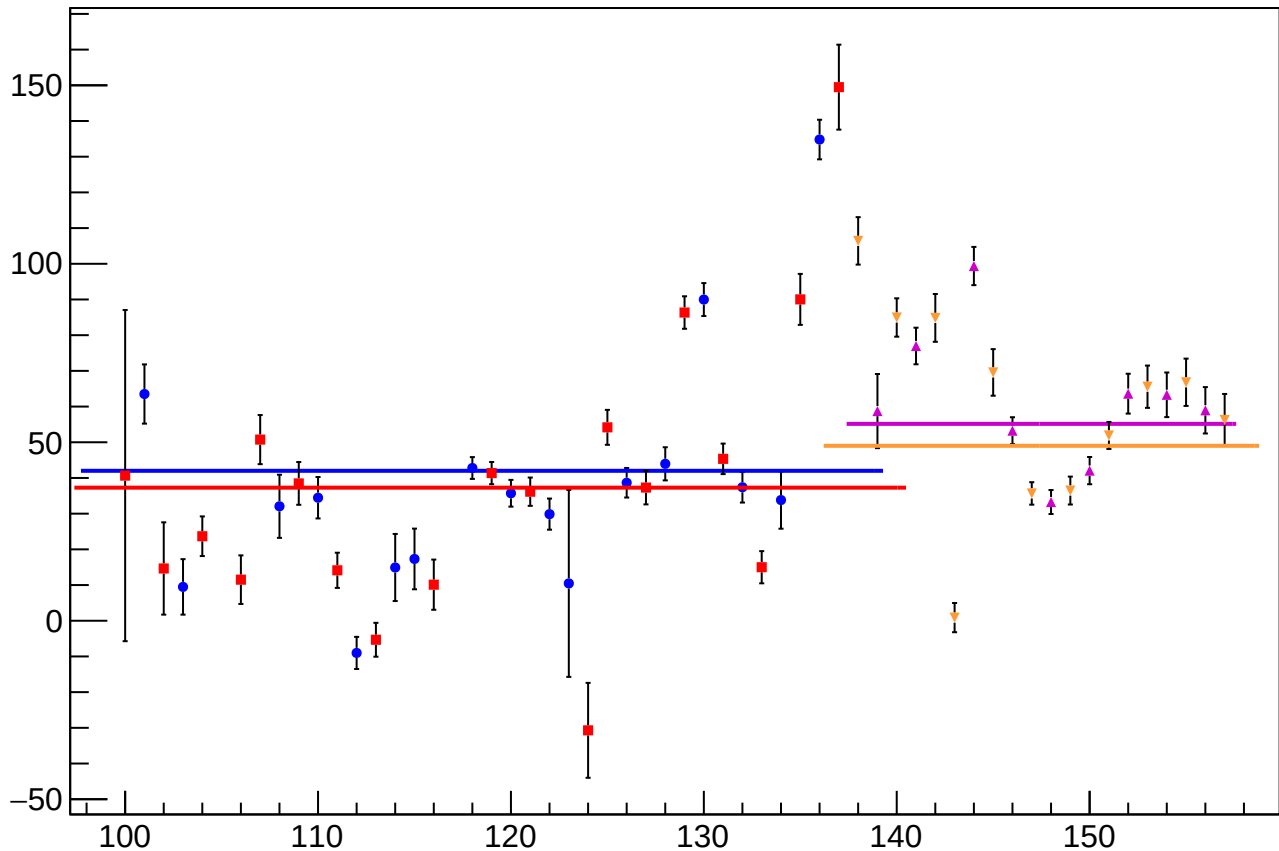
Left In: 241.195 $\pm$ 1.923 χ^2 /NDF:406.3/8

+ sign 235.646 $\pm$ 1.359 χ^2 /NDF: 4142.7/27

All: 242.935 $\pm$ 0.968 χ^2 /NDF: 7196.4/55

- sign 250.434 $\pm$ 1.379 χ^2 /NDF: 2995.3/27

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 49.010 $\pm$ 1.460 χ^2 /NDF:341.3/10

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

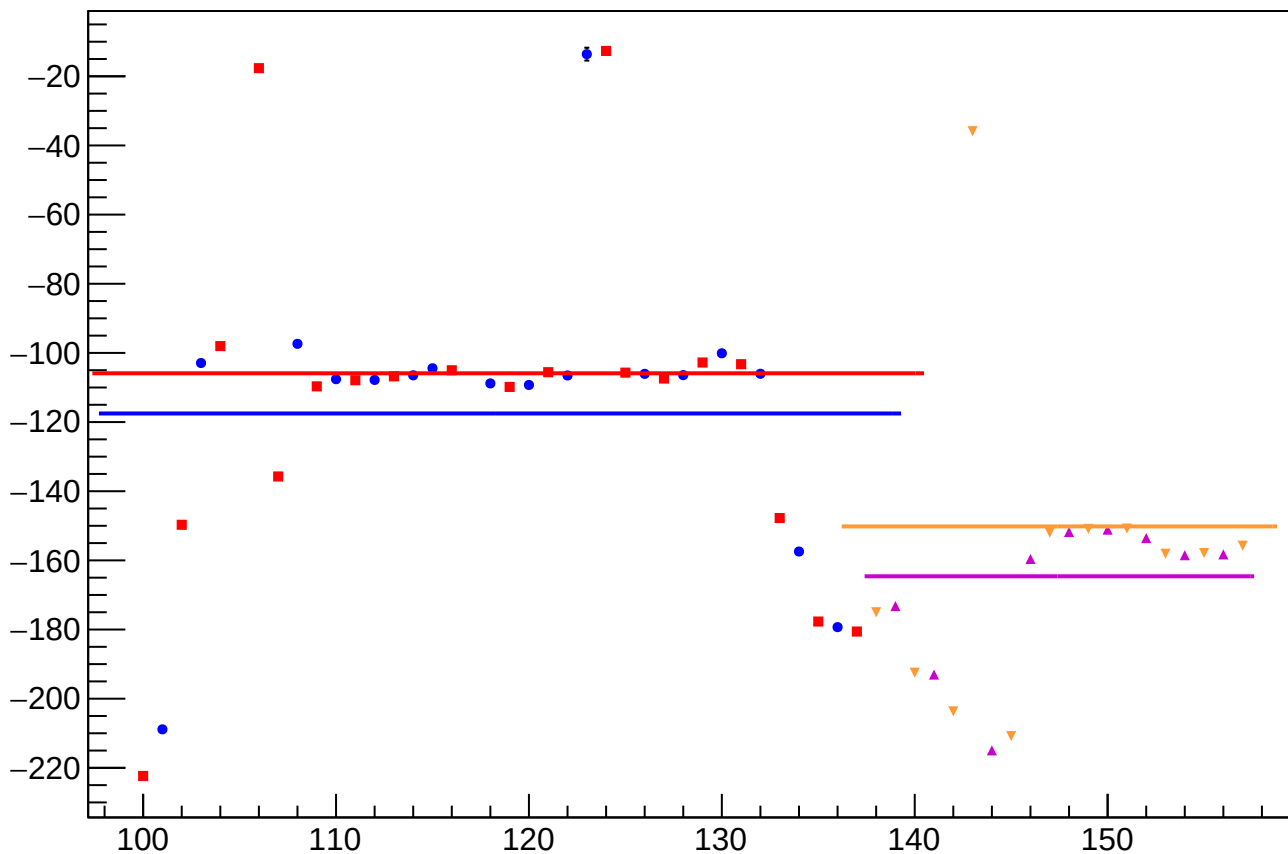
Left In: 55.153 $\pm$ 1.598 χ^2 /NDF:145.3/8

+ sign 44.982 $\pm$ 0.952 χ^2 /NDF: 930.0/27

All: 44.495 $\pm$ 0.682 χ^2 /NDF: 1626.7/55

- sign 43.980 $\pm$ 0.978 χ^2 /NDF: 696.1/27

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 $\chi^2/\text{NDF}: 142016.6/16$

Left Out: -150.176 ± 0.074 $\chi^2/\text{NDF}: 402367.9/10$

Right Out: -105.892 ± 0.073 $\chi^2/\text{NDF}: 324304.4/18$

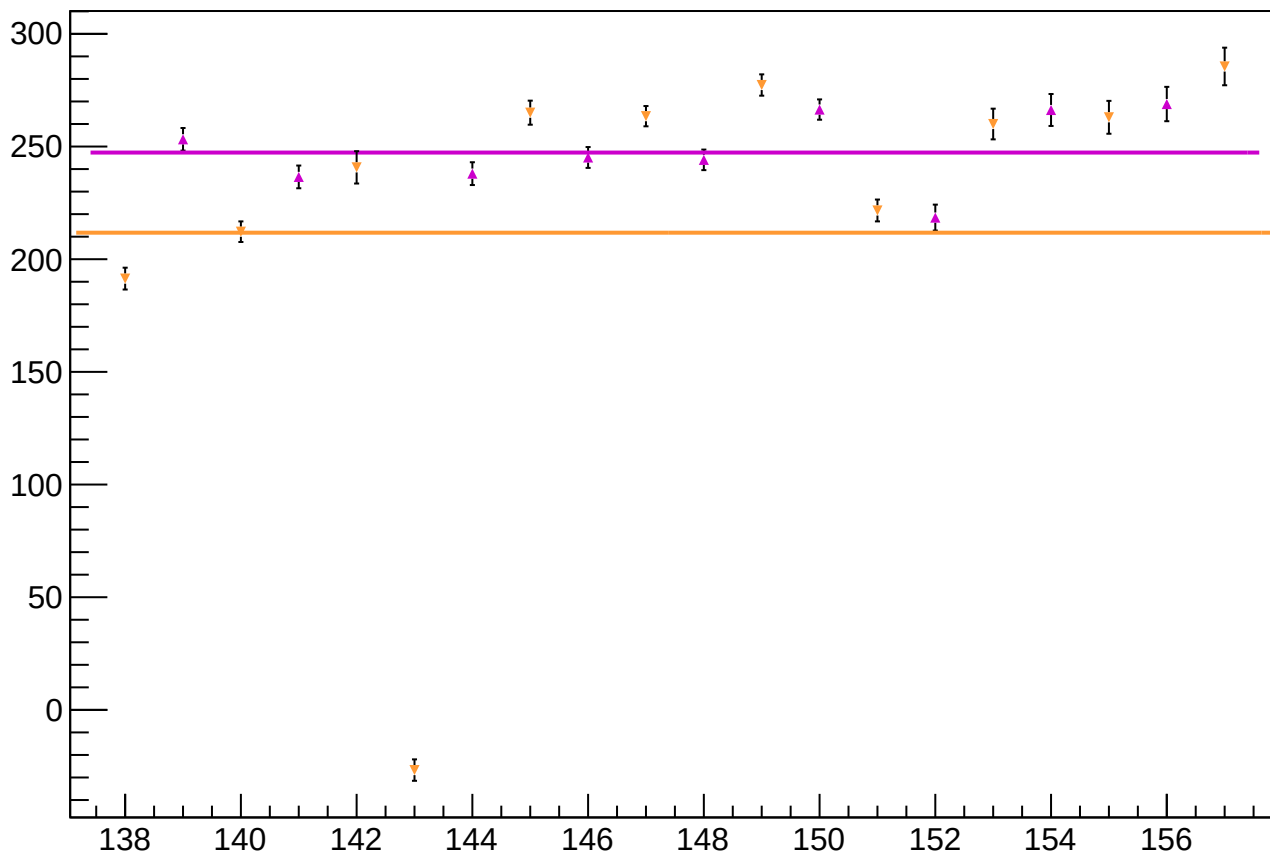
Left In: -164.600 ± 0.078 $\chi^2/\text{NDF}: 55172.8/8$

+ sign -134.753 ± 0.054 $\chi^2/\text{NDF}: 636914.6/27$

All: -134.019 ± 0.038 $\chi^2/\text{NDF}: 1320330.6/55$

- sign -133.296 ± 0.053 $\chi^2/\text{NDF}: 683043.7/27$

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

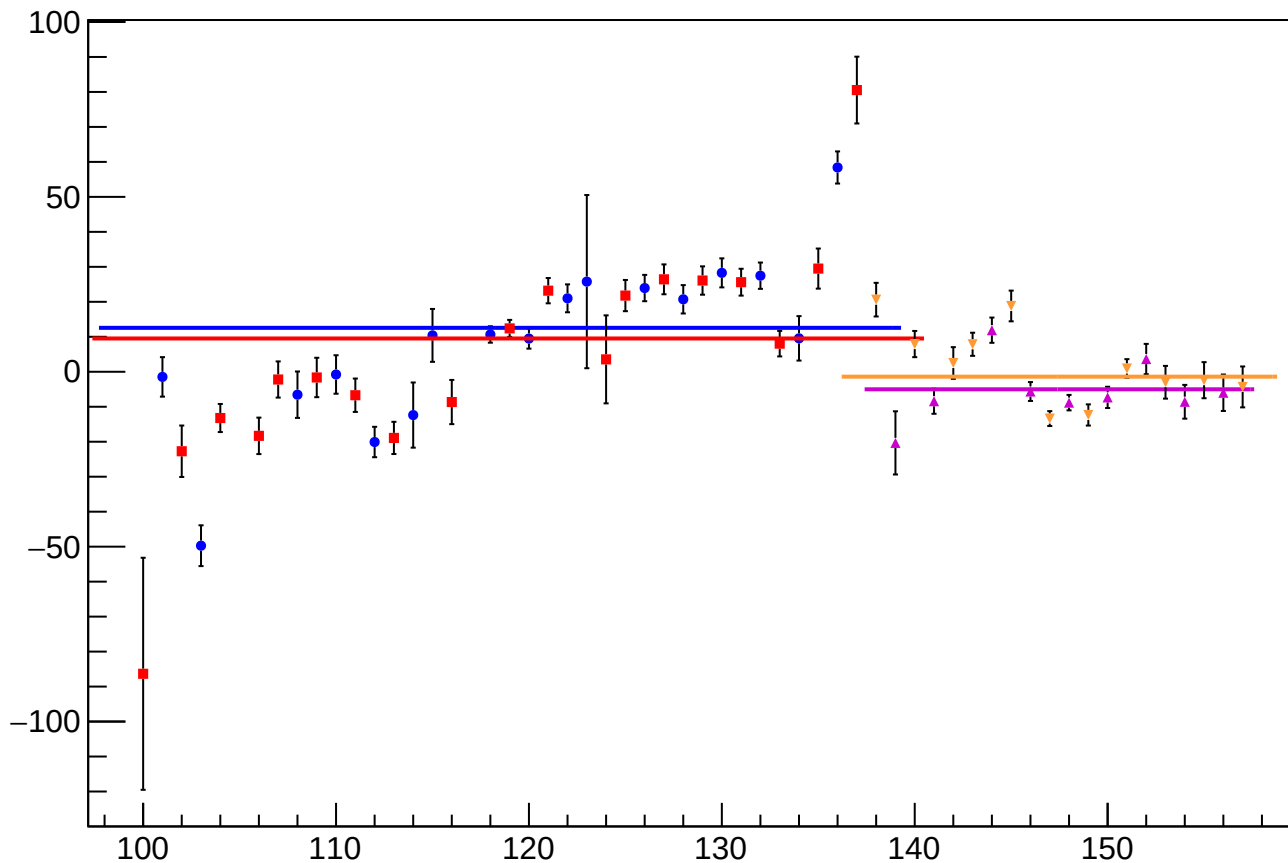
Left In: 247.327+/-1.741 χ^2/NDF : 68.3/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.276+/-1.187 χ^2/NDF : 3446.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 $\pm$ 1.056 χ^2 /NDF: 347.7/16

Left Out: -1.395 $\pm$ 1.062 χ^2 /NDF: 102.7/10

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

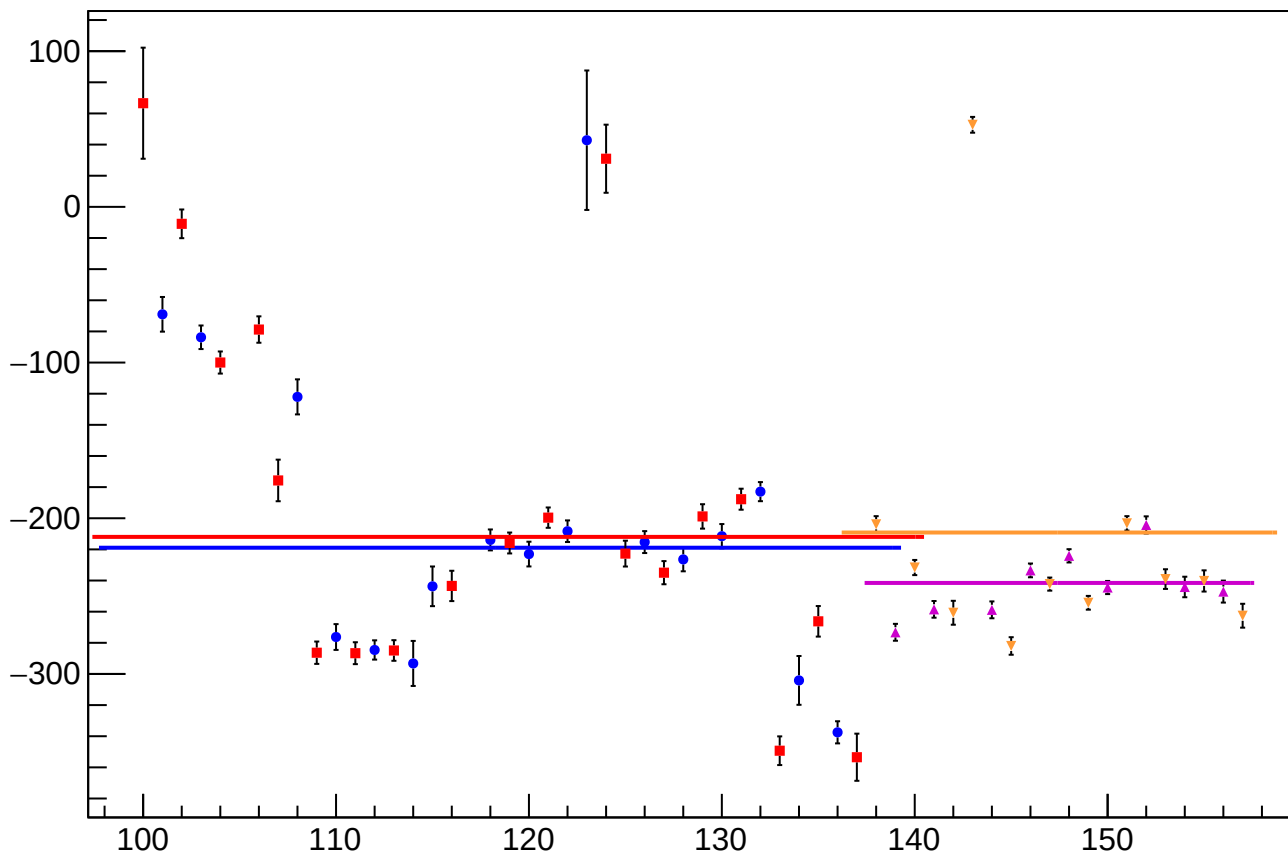
Left In: -5.012 $\pm$ 1.155 χ^2 /NDF: 33.9/8

+ sign 5.622 $\pm$ 0.749 χ^2 /NDF: 537.4/27

All: 4.331 $\pm$ 0.539 χ^2 /NDF: 960.3/55

- sign 2.939 $\pm$ 0.777 χ^2 /NDF: 416.8/27

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

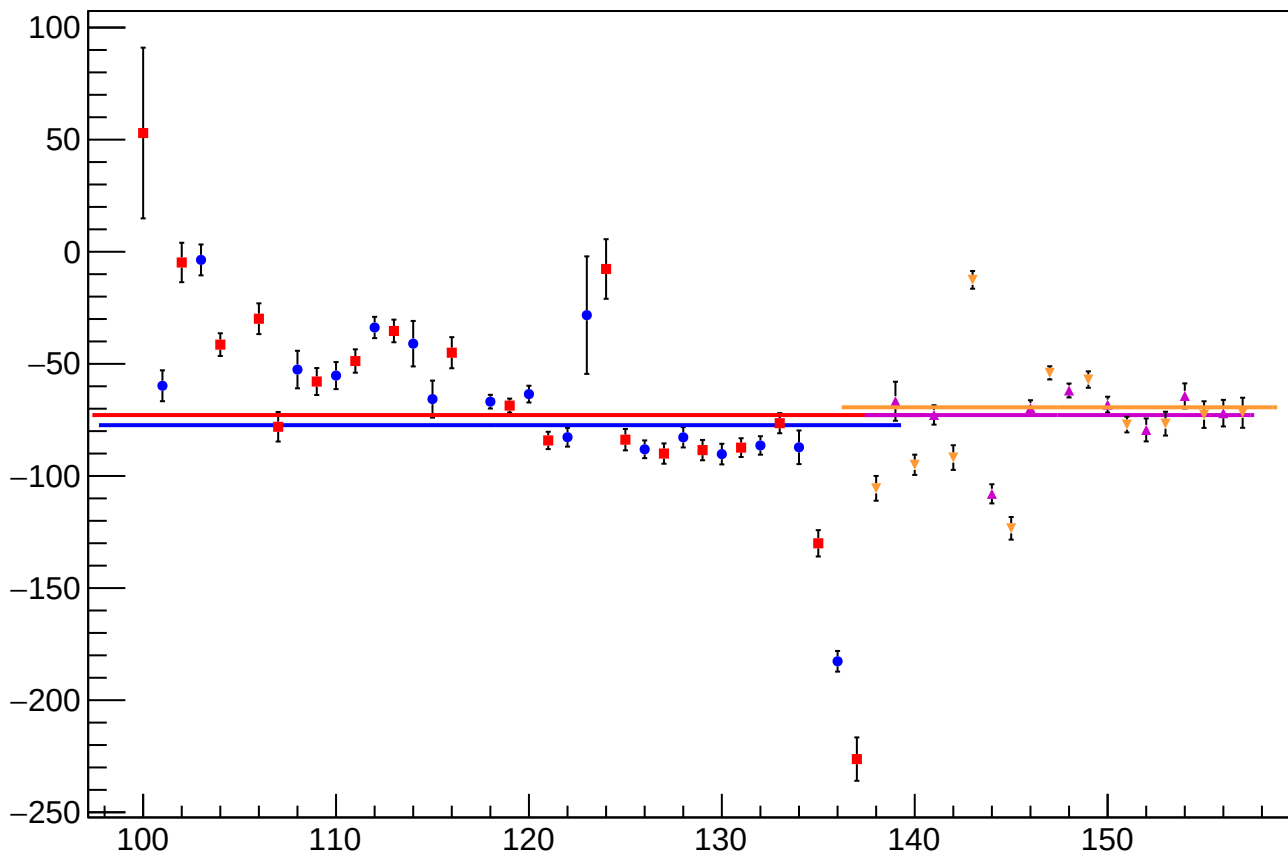
Left In: -241.545 ± 1.712 χ^2/NDF : 121.3/8

+ sign -212.996 ± 1.257 χ^2/NDF : 4317.5/27

All: -220.606 ± 0.897 χ^2/NDF : 6531.4/55

- sign -228.480 ± 1.279 χ^2/NDF : 2139.4/27

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -69.373 ± 1.317 χ^2/NDF : 458.7/10

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

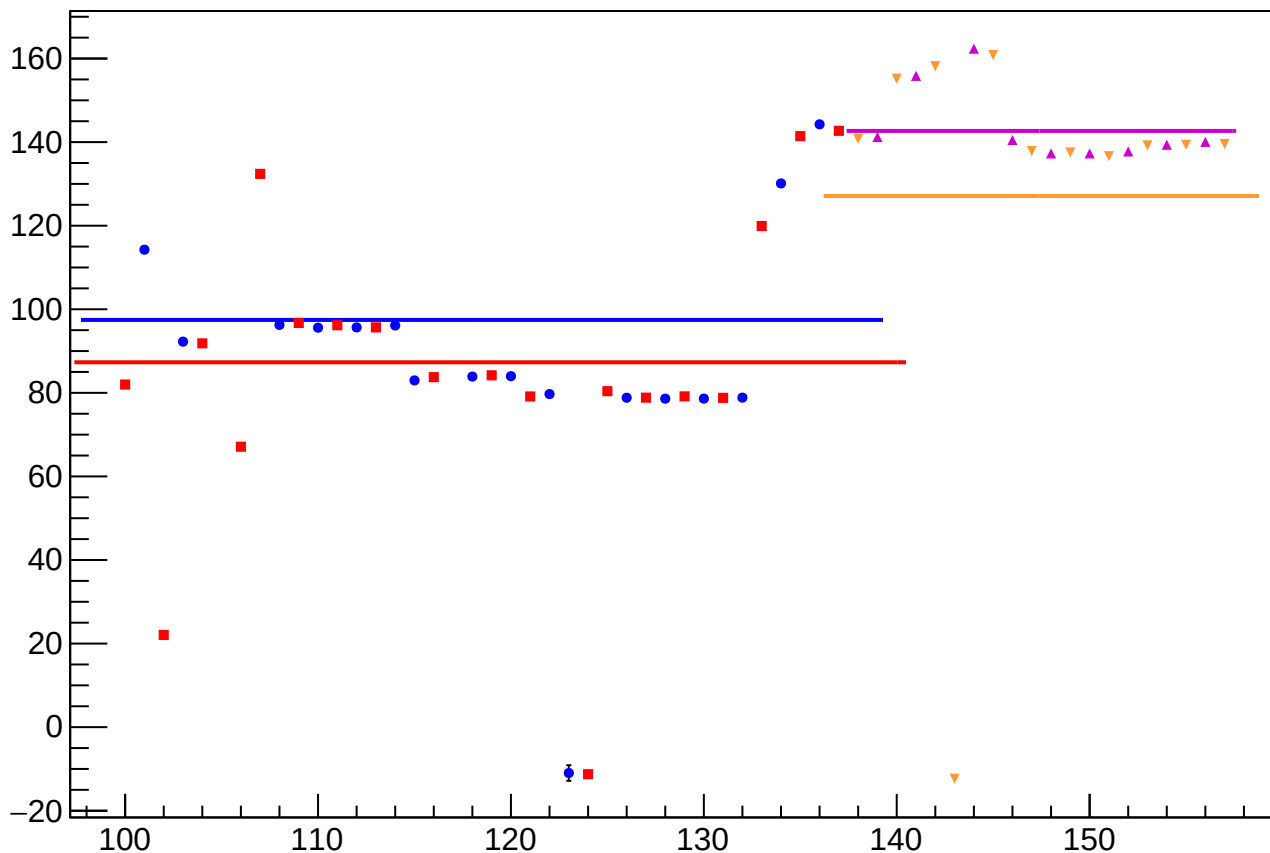
Left In: -72.843 ± 1.430 χ^2/NDF : 87.2/8

+ sign -73.663 ± 0.895 χ^2/NDF : 1295.6/27

All: -73.264 ± 0.642 χ^2/NDF : 2056.1/55

- sign -72.839 ± 0.923 χ^2/NDF : 760.0/27

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 $\chi^2/\text{NDF}: 221837.7/18$

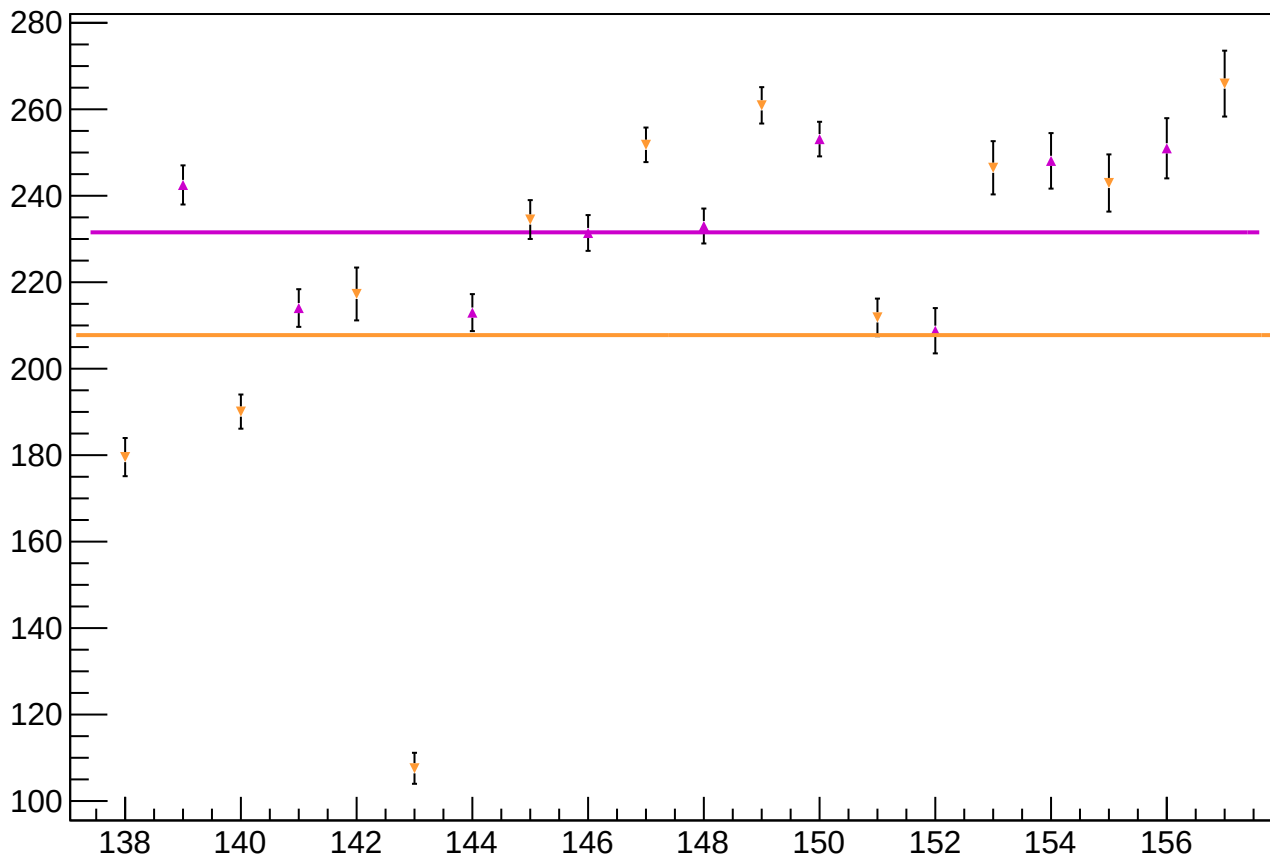
Left In: 142.679 ± 0.069 $\chi^2/\text{NDF}: 13391.3/8$

+ sign 113.832 ± 0.049 $\chi^2/\text{NDF}: 727347.2/27$

All: 114.239 ± 0.034 $\chi^2/\text{NDF}: 1287564.7/55$

- sign 114.639 ± 0.049 $\chi^2/\text{NDF}: 560080.9/27$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 207.768+/-1.404 χ^2/NDF :1287.5/10

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

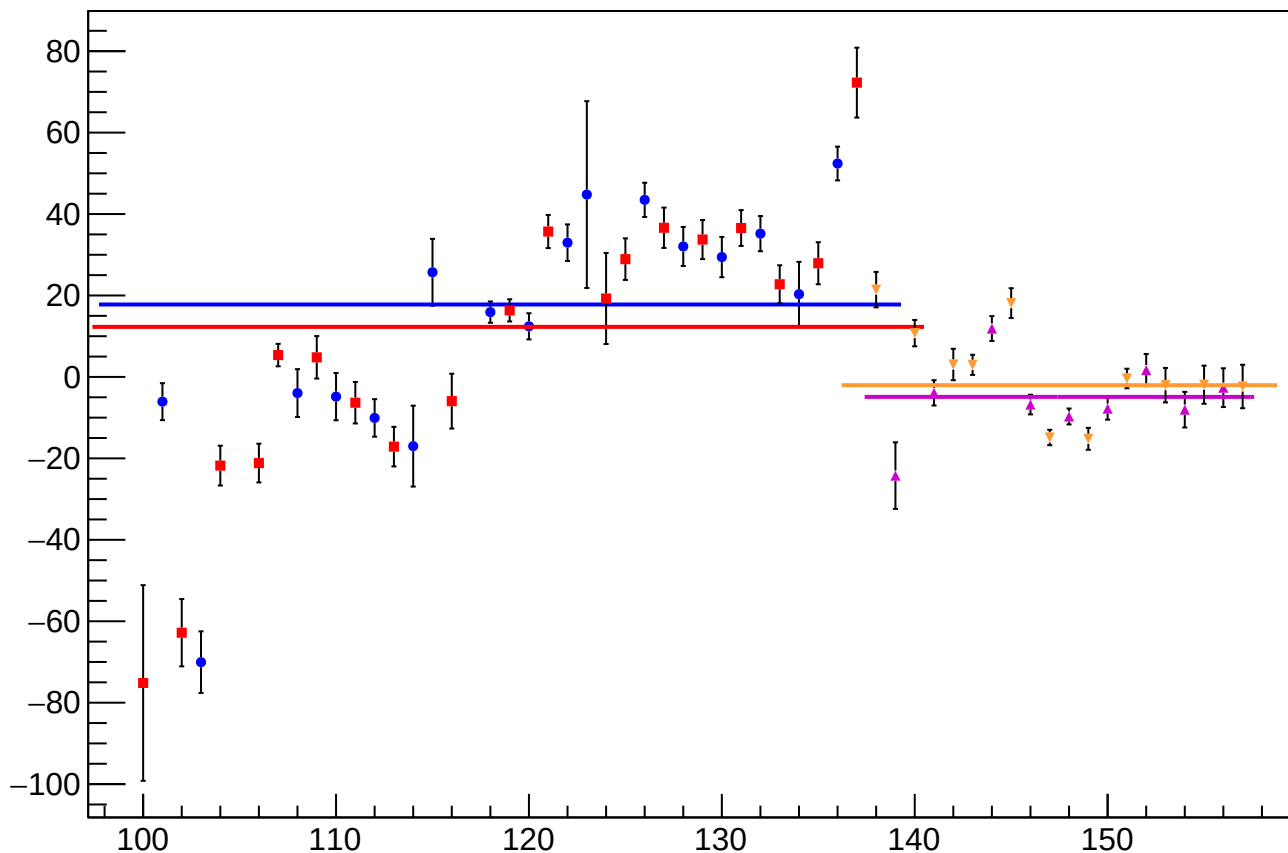
Left In: 231.541+/-1.544 χ^2/NDF :103.4/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.526+/-1.039 χ^2/NDF : 1520.6/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786 ± 1.146 χ^2/NDF : 395.1/16

Left Out: -2.030 ± 0.921 χ^2/NDF : 151.0/10

Right Out: 12.294 ± 1.086 χ^2/NDF : 443.7/18

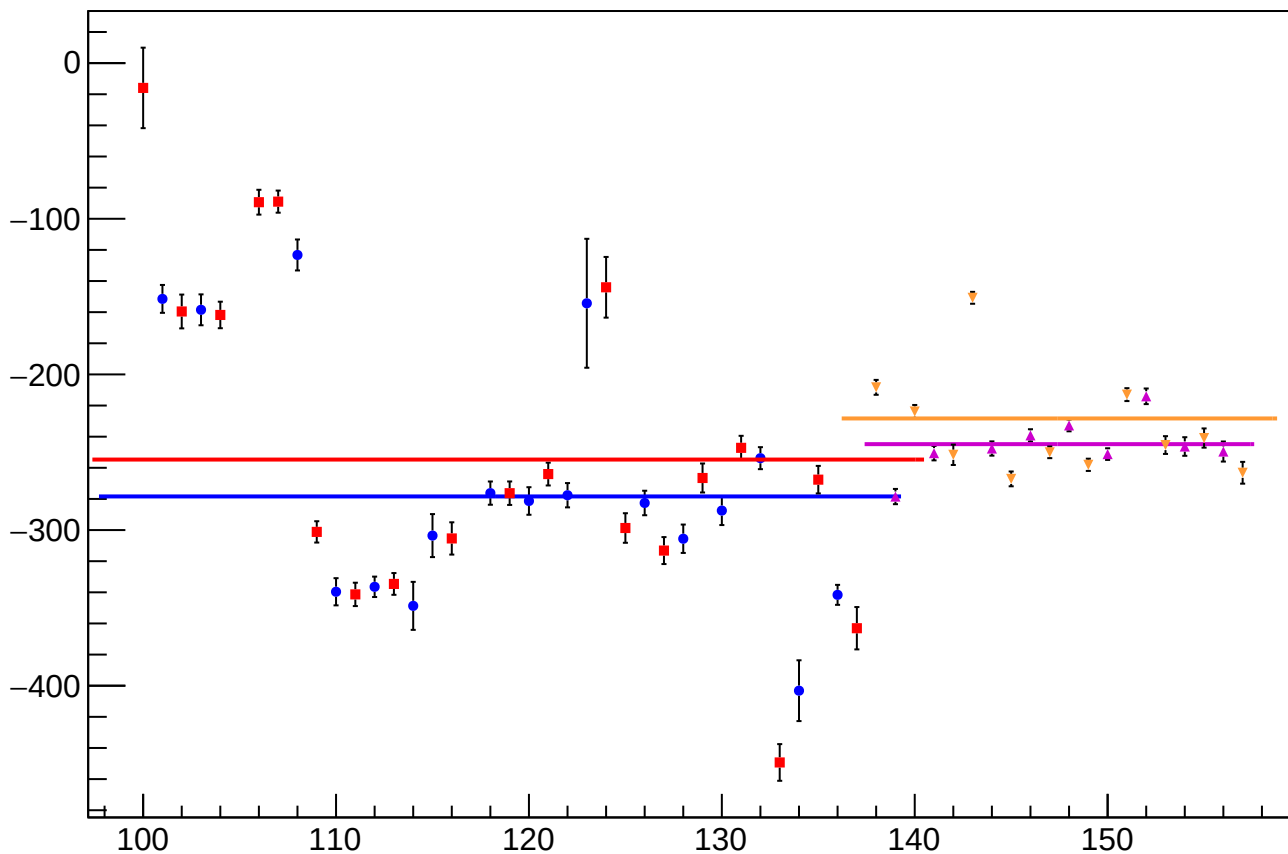
Left In: -4.904 ± 1.022 χ^2/NDF : 47.3/8

+ sign 5.739 ± 0.718 χ^2/NDF : 727.8/27

All: 4.504 ± 0.517 χ^2/NDF : 1357.9/55

- sign 3.177 ± 0.744 χ^2/NDF : 624.0/27

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

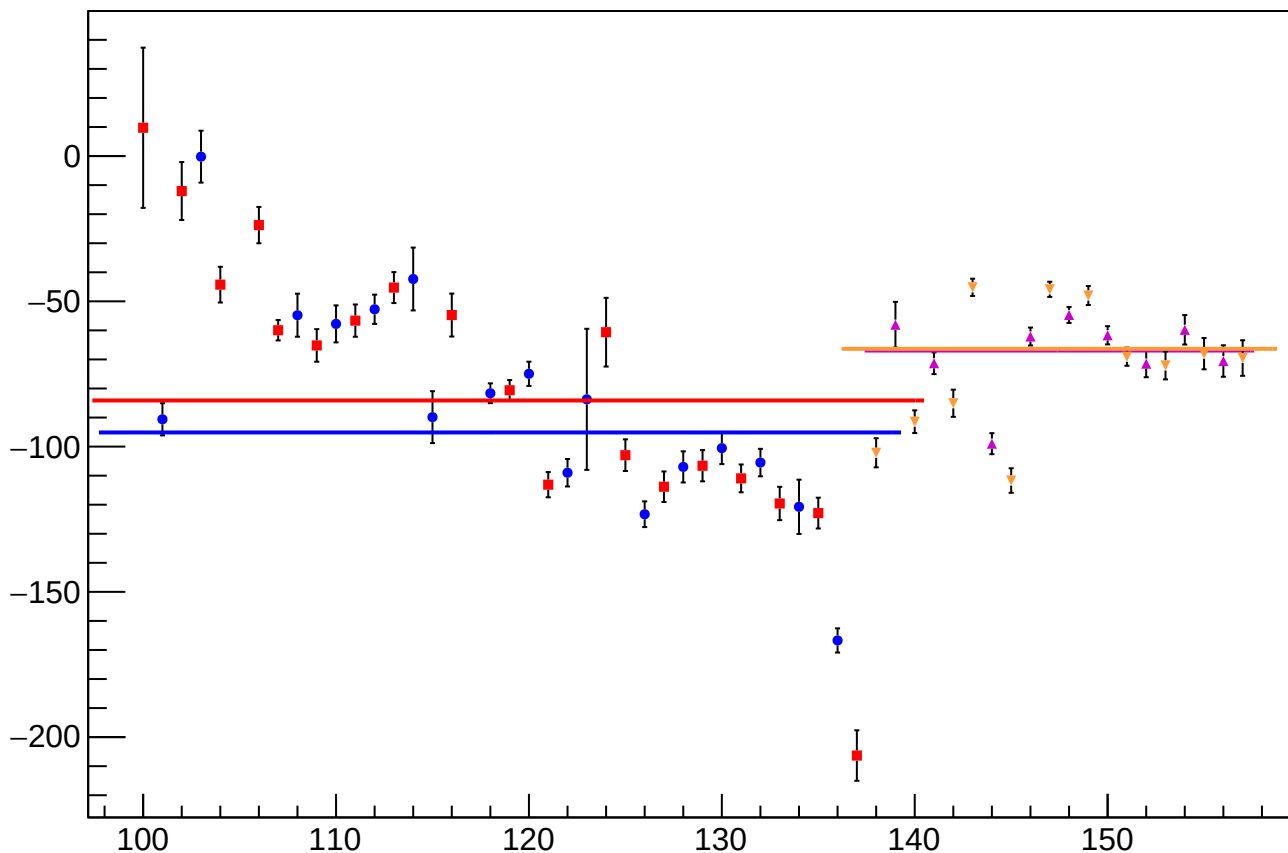
Left In: -244.797 ± 1.520 χ^2/NDF : 102.4/8

+ sign -243.093 ± 1.178 χ^2/NDF : 1938.0/27

All: -245.655 ± 0.846 χ^2/NDF : 4103.9/55

- sign -248.378 ± 1.214 χ^2/NDF : 2156.2/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -66.344 ± 1.141 χ^2/NDF : 370.1/10

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

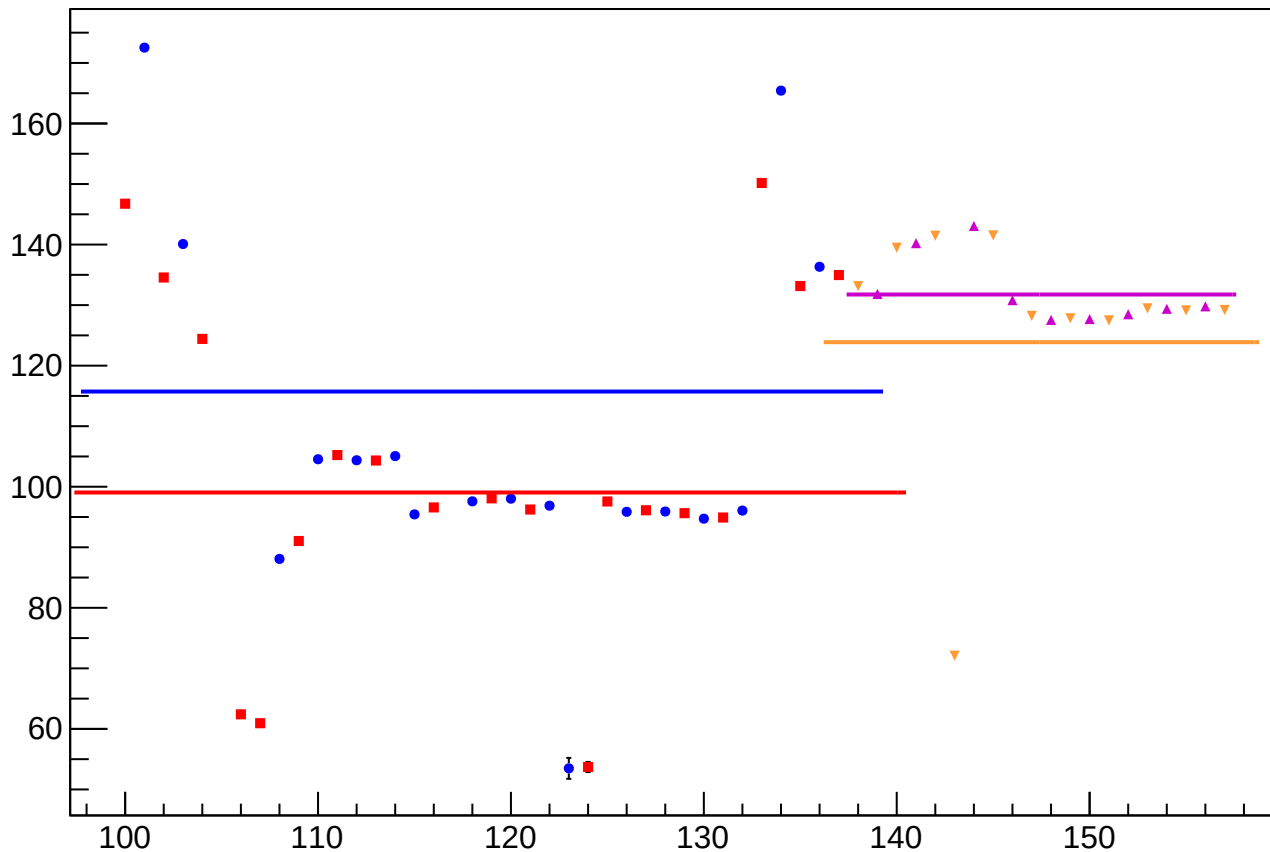
Left In: -66.931 ± 1.266 χ^2/NDF : 109.7/8

+ sign -78.625 ± 0.864 χ^2/NDF : 1316.8/27

All: -77.153 ± 0.621 χ^2/NDF : 2308.1/55

- sign -75.580 ± 0.893 χ^2/NDF : 985.3/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724 ± 0.078 $\chi^2/\text{NDF}: 106388.1/16$

Left Out: 123.880 ± 0.057 $\chi^2/\text{NDF}: 140244.8/10$

Right Out: 99.049 ± 0.069 $\chi^2/\text{NDF}: 173463.3/18$

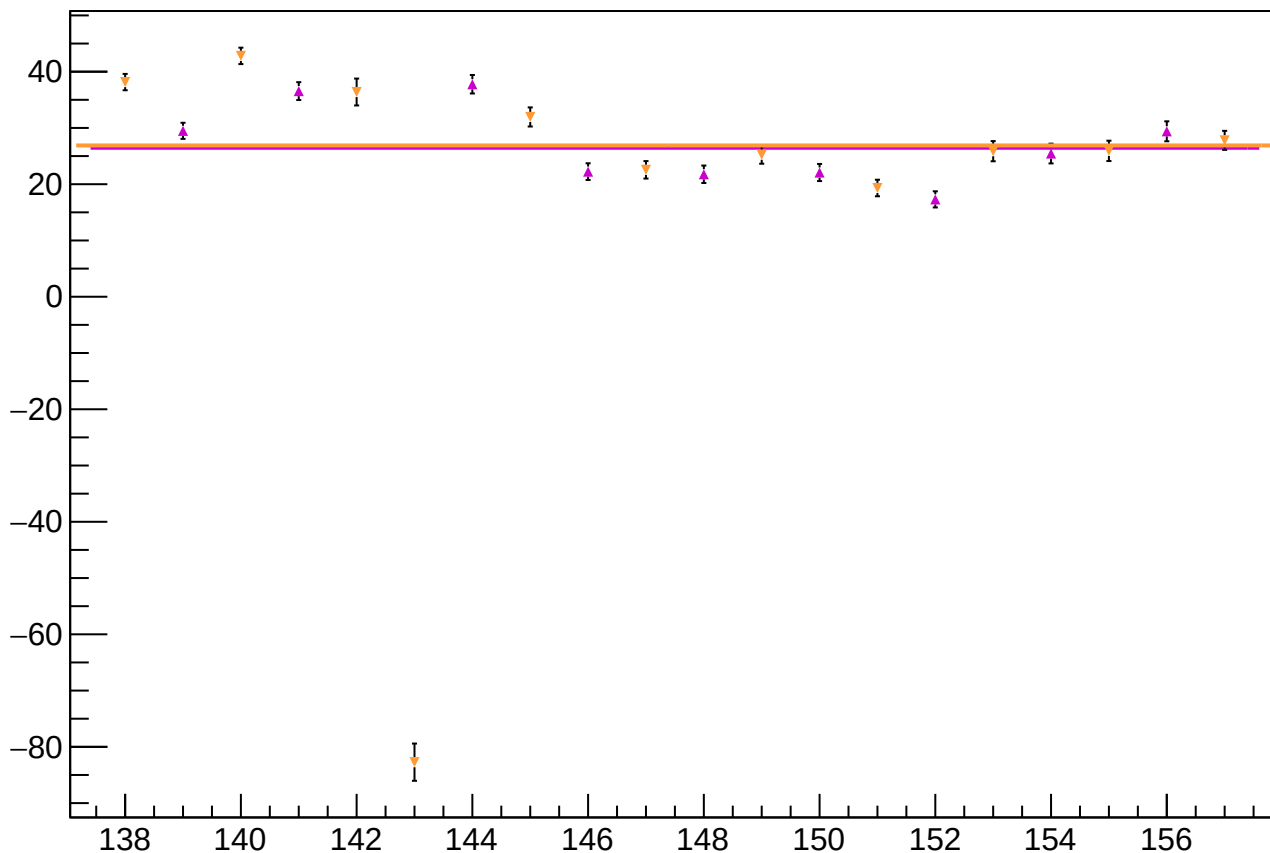
Left In: 131.754 ± 0.062 $\chi^2/\text{NDF}: 7081.0/8$

+ sign 121.013 ± 0.046 $\chi^2/\text{NDF}: 253727.5/27$

All: 119.062 ± 0.033 $\chi^2/\text{NDF}: 563946.9/55$

- sign 117.150 ± 0.046 $\chi^2/\text{NDF}: 306694.5/27$

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

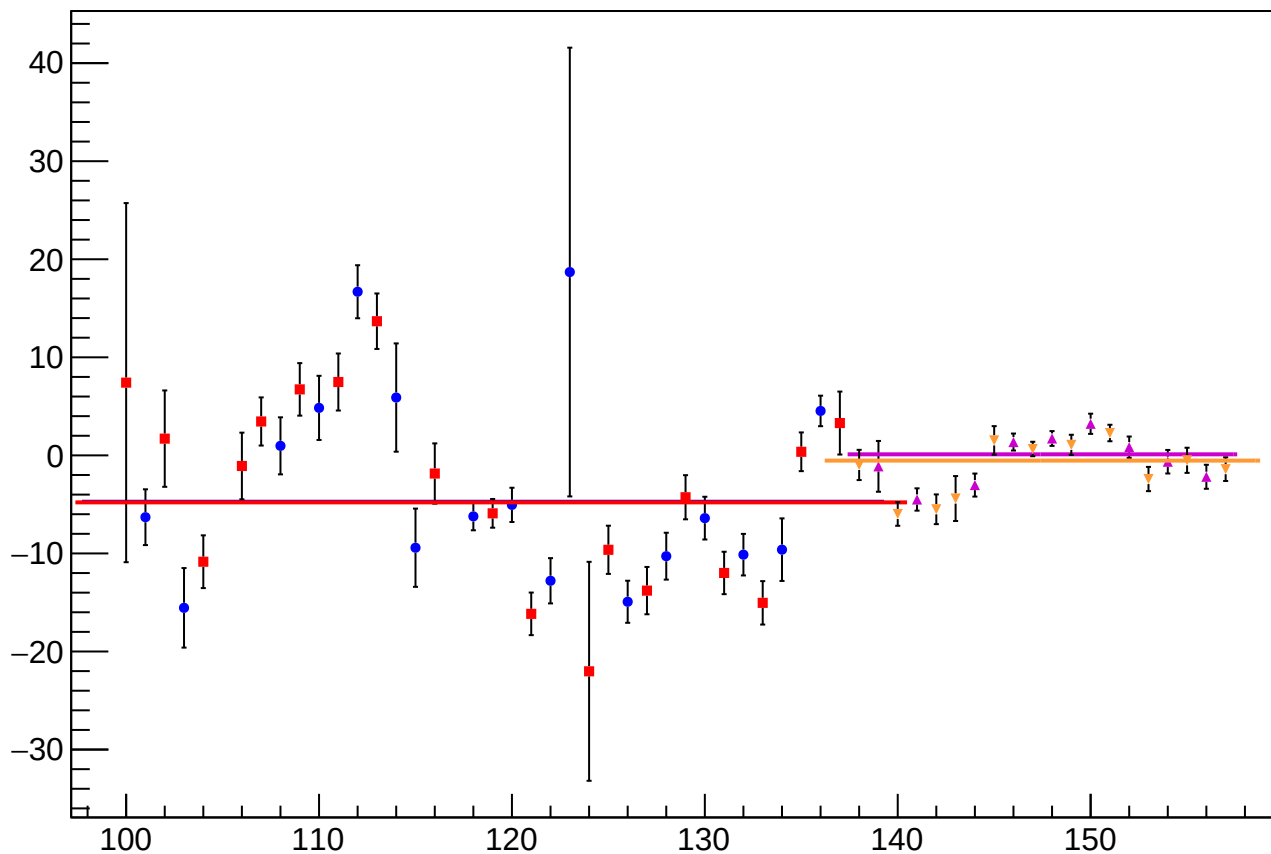
Left In: 26.483+/-0.521 χ^2/NDF :161.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.690+/-0.366 χ^2/NDF : 1498.2/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.534 ± 0.346 χ^2/NDF : 55.2/10

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

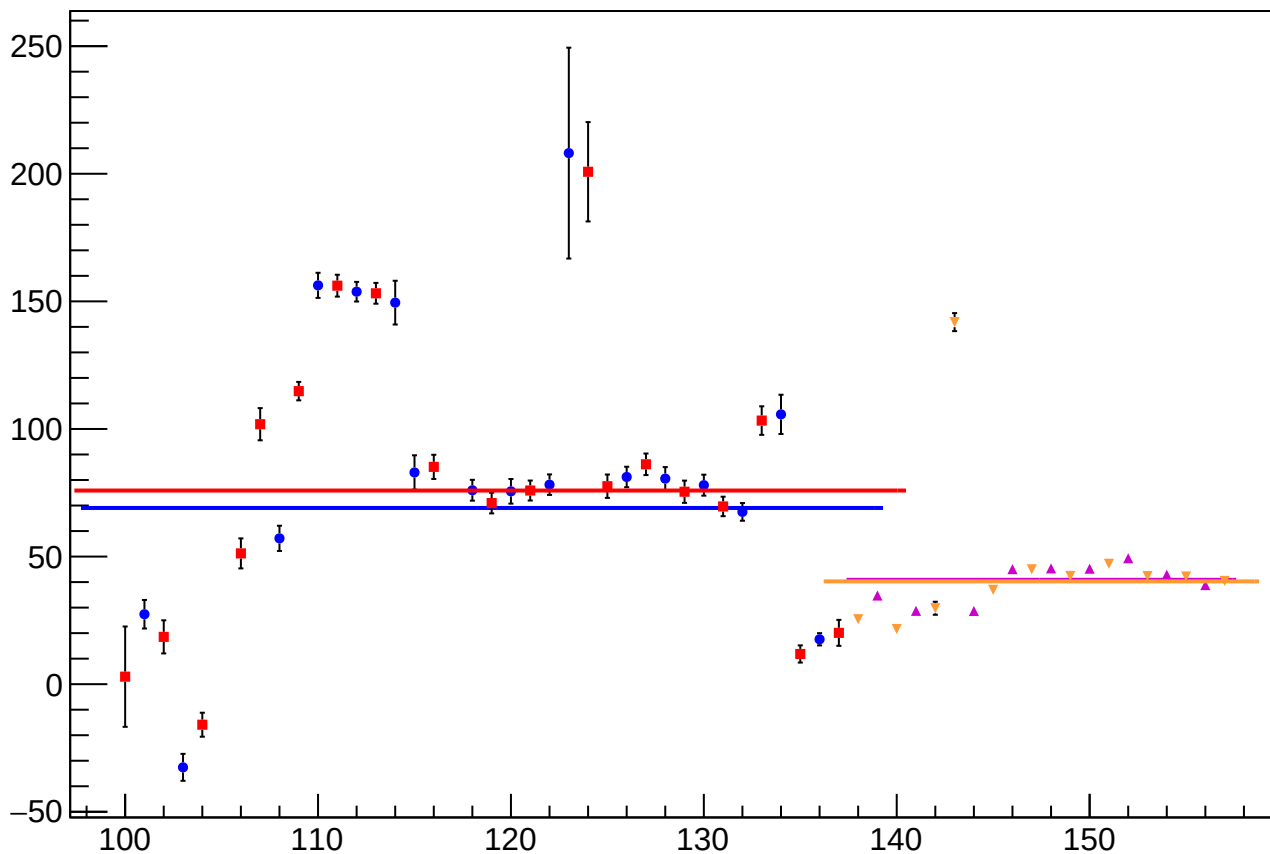
Left In: 0.107 ± 0.356 χ^2/NDF : 43.9/8

+ sign -1.636 ± 0.297 χ^2/NDF : 268.6/27

All: -1.431 ± 0.213 χ^2/NDF : 558.1/55

- sign -1.216 ± 0.304 χ^2/NDF : 288.5/27

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 40.268 $\pm$ 0.505 χ^2 /NDF: 1119.1/10

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

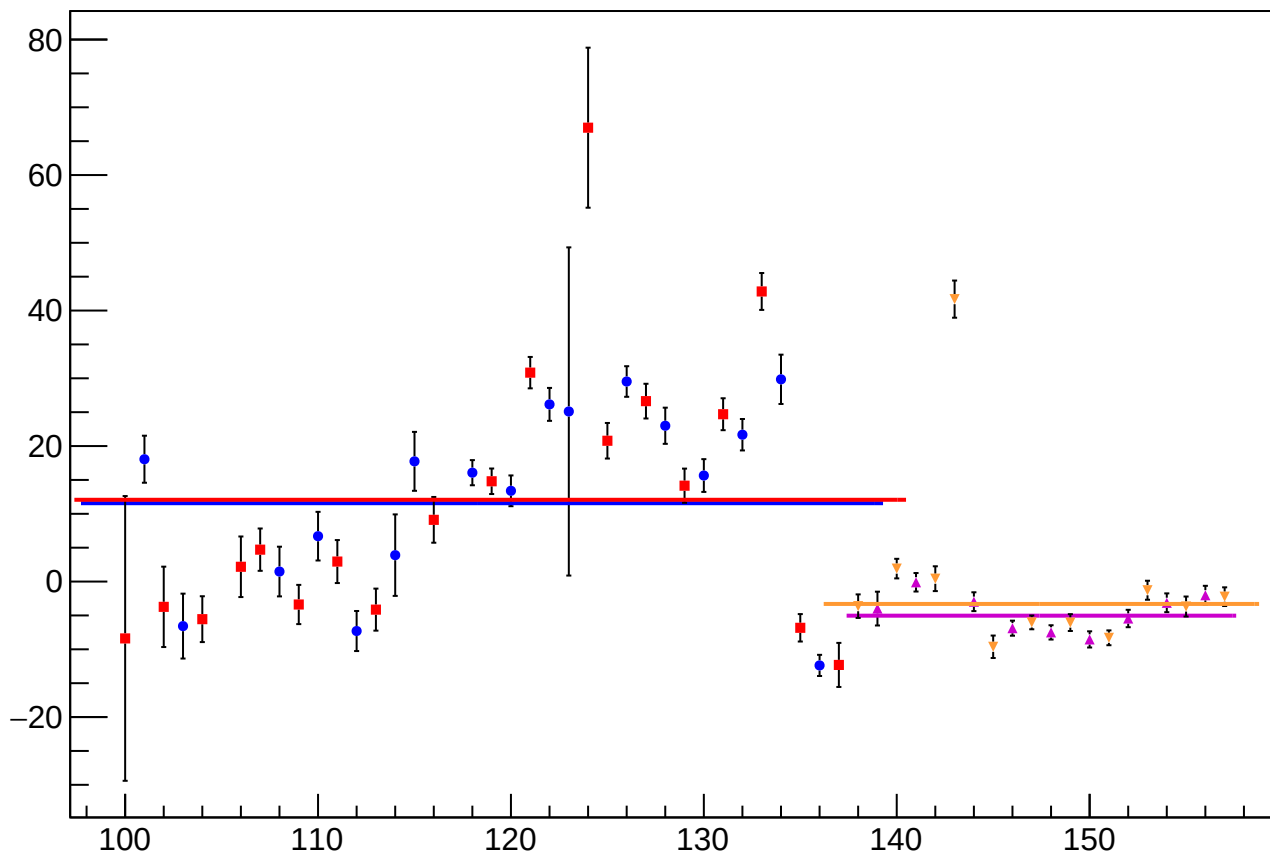
Left In: 40.893 $\pm$ 0.511 χ^2 /NDF: 184.3/8

+ sign 45.461 $\pm$ 0.457 χ^2 /NDF: 3552.6/27

All: 46.422 $\pm$ 0.325 χ^2 /NDF: 6511.9/55

- sign 47.399 $\pm$ 0.461 χ^2 /NDF: 2950.4/27

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 ± 0.658 $\chi^2/\text{NDF}: 478.2/16$

Left Out: -3.303 ± 0.424 $\chi^2/\text{NDF}: 336.5/10$

Right Out: 12.071 ± 0.665 $\chi^2/\text{NDF}: 543.3/18$

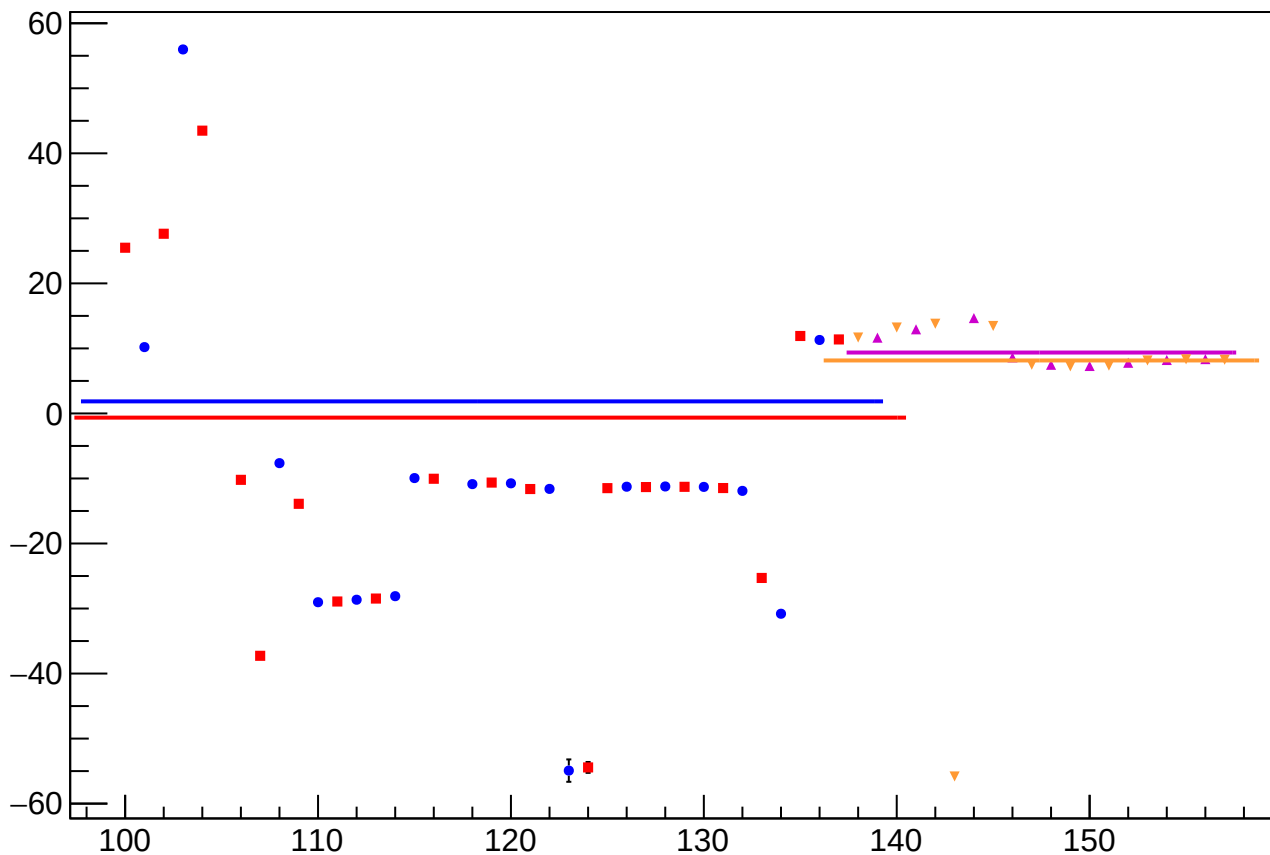
Left In: -5.034 ± 0.436 $\chi^2/\text{NDF}: 38.9/8$

+ sign 1.063 ± 0.357 $\chi^2/\text{NDF}: 1175.1/27$

All: 0.596 ± 0.255 $\chi^2/\text{NDF}: 2224.3/55$

- sign 0.108 ± 0.364 $\chi^2/\text{NDF}: 1045.7/27$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 $\pm$ 0.037 χ^2/NDF : 359414.1/16

Left Out: 8.148 $\pm$ 0.020 χ^2/NDF : 222440.2/10

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361625.7/18

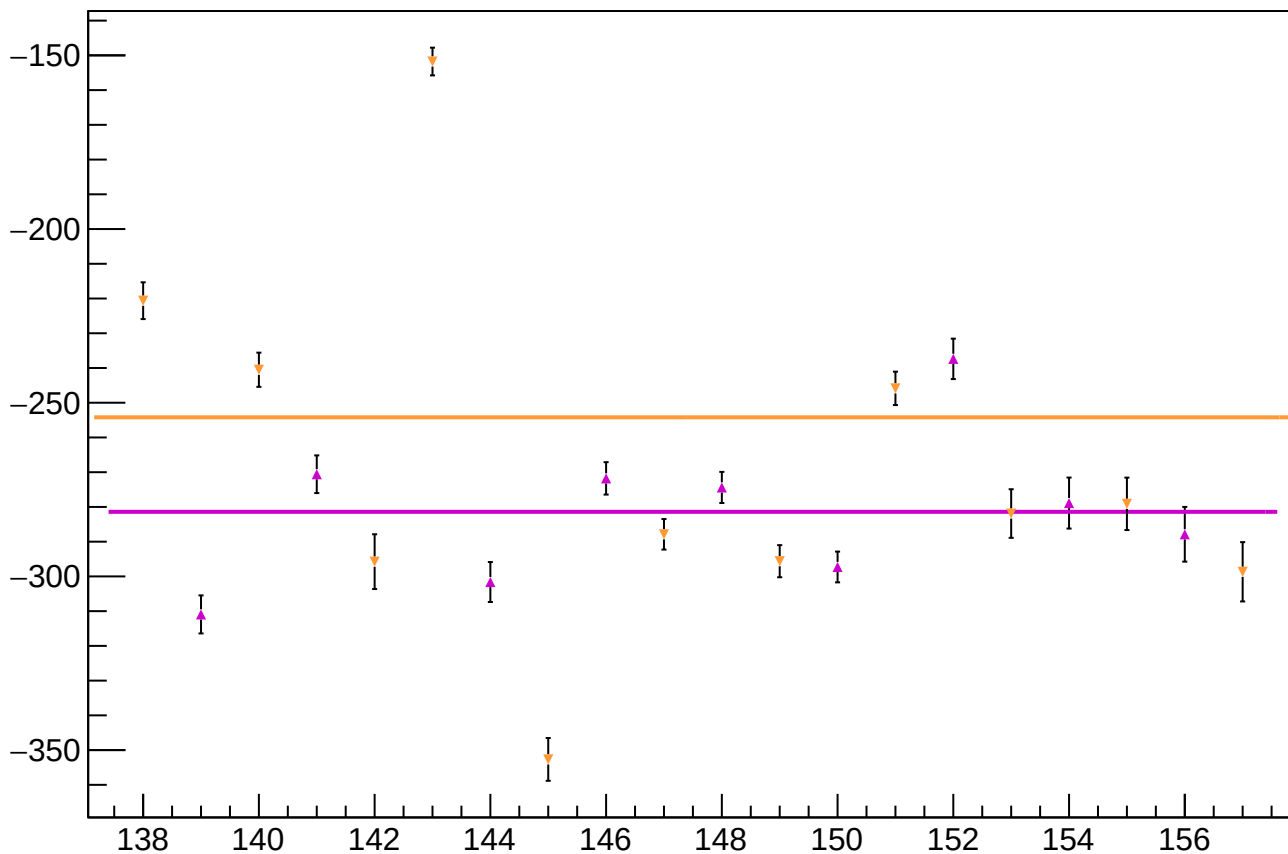
Left In: 9.365 $\pm$ 0.020 χ^2/NDF : 13050.7/8

+ sign 6.725 $\pm$ 0.018 χ^2/NDF : 604238.7/27

All: 6.900 $\pm$ 0.012 χ^2/NDF : 1035410.1/55

- sign 7.077 $\pm$ 0.018 χ^2/NDF : 430972.5/27

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

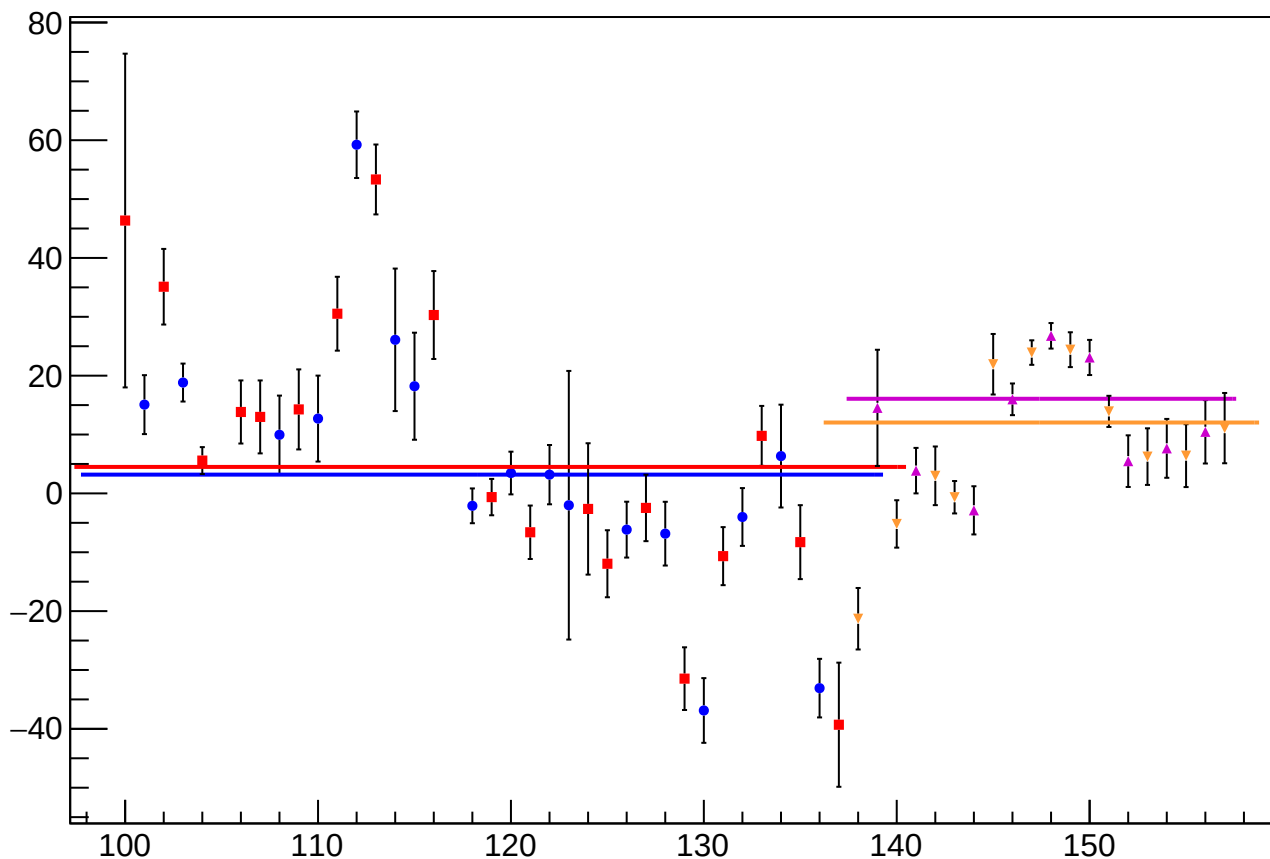
Left In: -281.406+/-1.800 χ^2/NDF : 123.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.468+/-1.209 χ^2/NDF : 1434.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188 $\pm$ 1.225 χ^2 /NDF: 255.6/16

Left Out: 12.041 $\pm$ 1.053 χ^2 /NDF:140.4/10

Right Out: 4.497 $\pm$ 1.160 χ^2 /NDF: 225.4/18

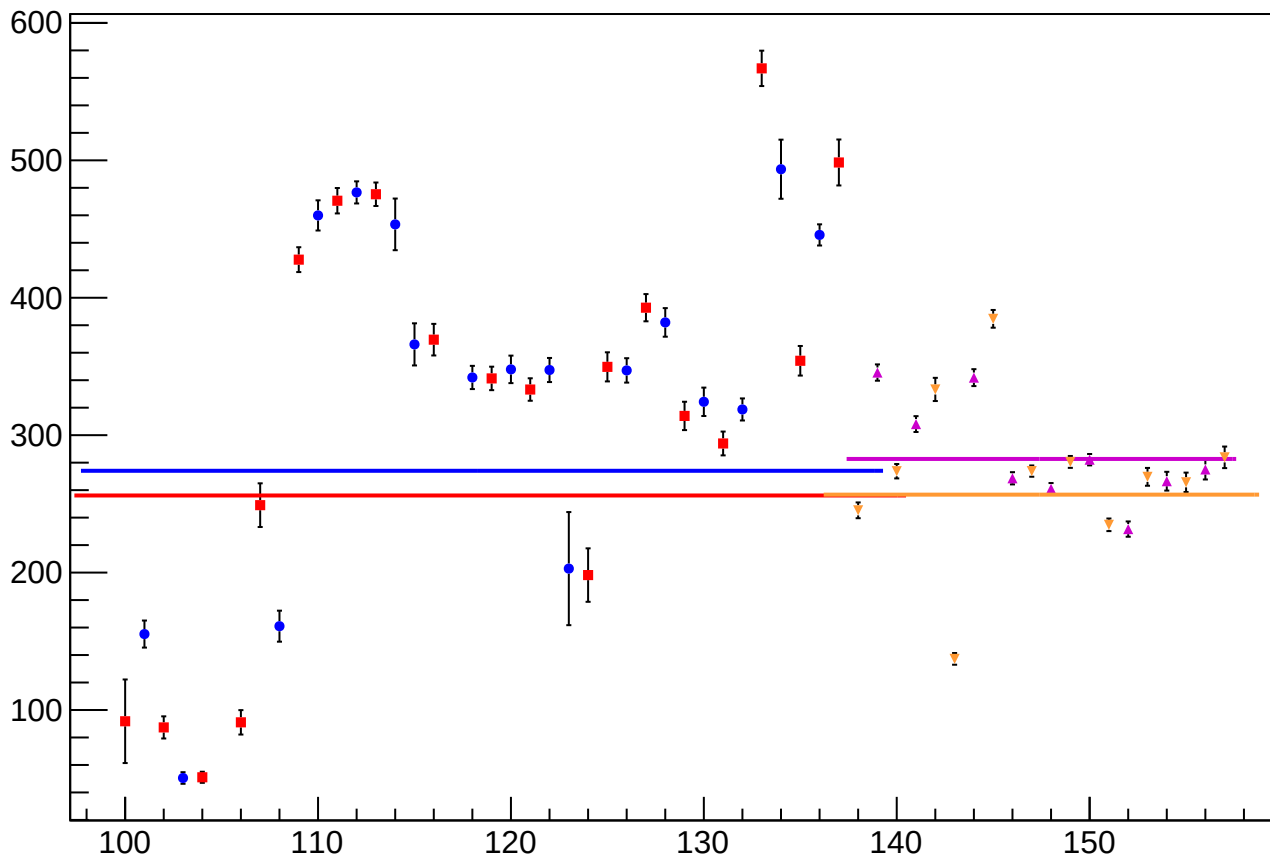
Left In: 16.074 $\pm$ 1.174 χ^2 /NDF:71.0/8

+ sign 8.282 $\pm$ 0.798 χ^2 /NDF: 426.1/27

All: 9.217 $\pm$ 0.574 χ^2 /NDF: 774.6/55

- sign 10.216 $\pm$ 0.825 χ^2 /NDF: 345.7/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 ± 2.191 $\chi^2/\text{NDF}: 5112.0/16$

Left Out: 256.723 ± 1.621 $\chi^2/\text{NDF}: 1365.6/10$

Right Out: 256.109 ± 2.080 $\chi^2/\text{NDF}: 6444.1/18$

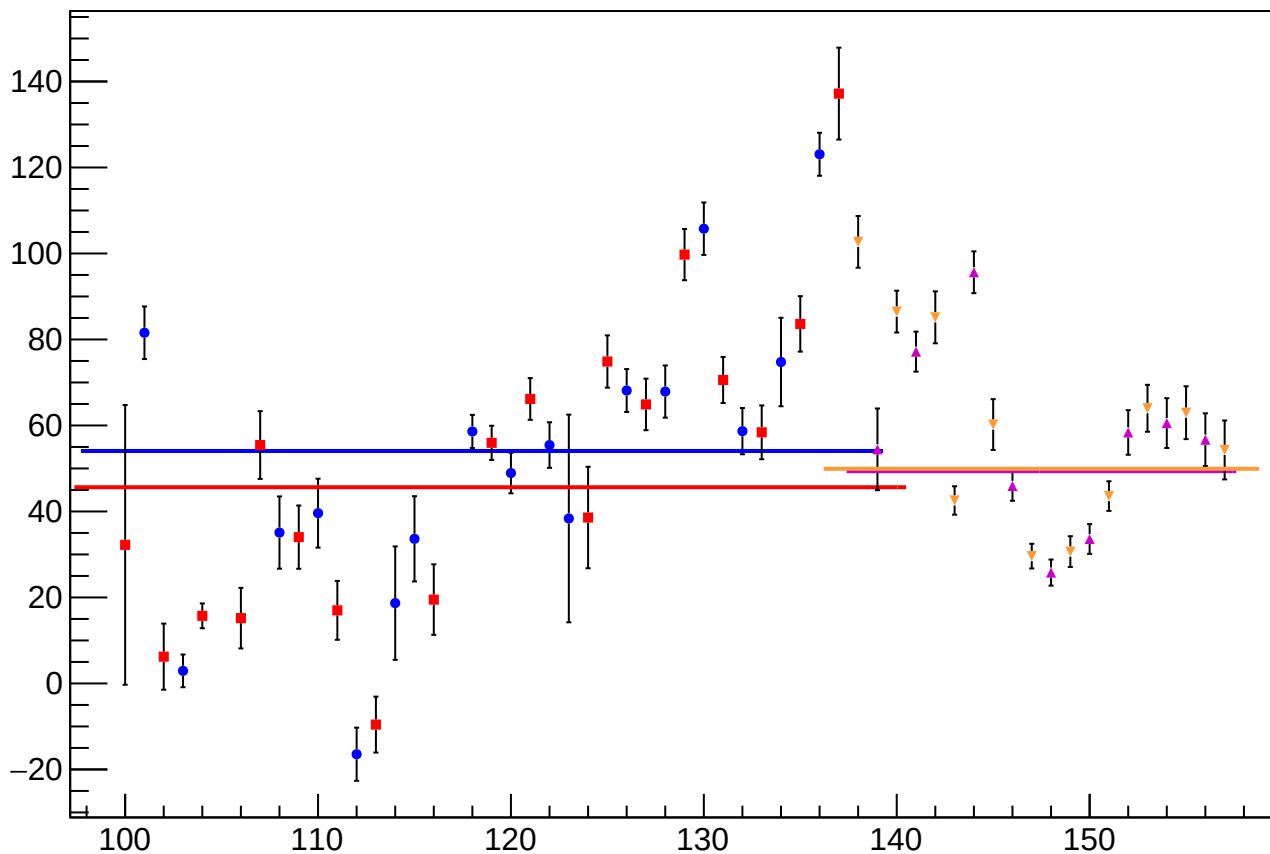
Left In: 282.699 ± 1.760 $\chi^2/\text{NDF}: 351.5/8$

+ sign 262.862 ± 1.303 $\chi^2/\text{NDF}: 6518.1/27$

All: 267.100 ± 0.935 $\chi^2/\text{NDF}: 13430.7/55$

- sign 271.606 ± 1.344 $\chi^2/\text{NDF}: 6890.8/27$

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

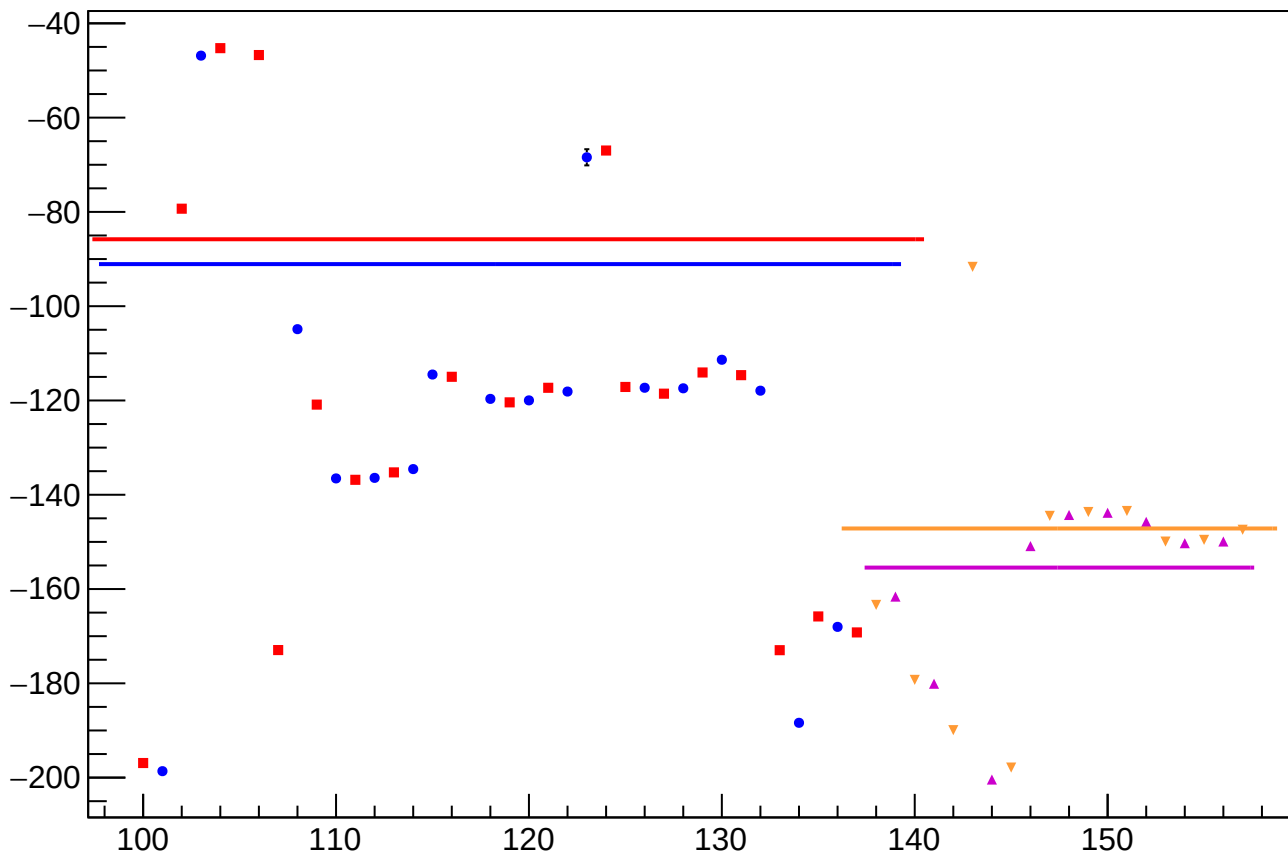
Left In: 49.373 $\pm$ 1.460 χ^2 /NDF:216.9/8

+ sign 51.827 $\pm$ 0.963 χ^2 /NDF: 908.5/27

All: 49.672 $\pm$ 0.692 χ^2 /NDF: 1670.0/55

- sign 47.371 $\pm$ 0.995 χ^2 /NDF: 751.1/27

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

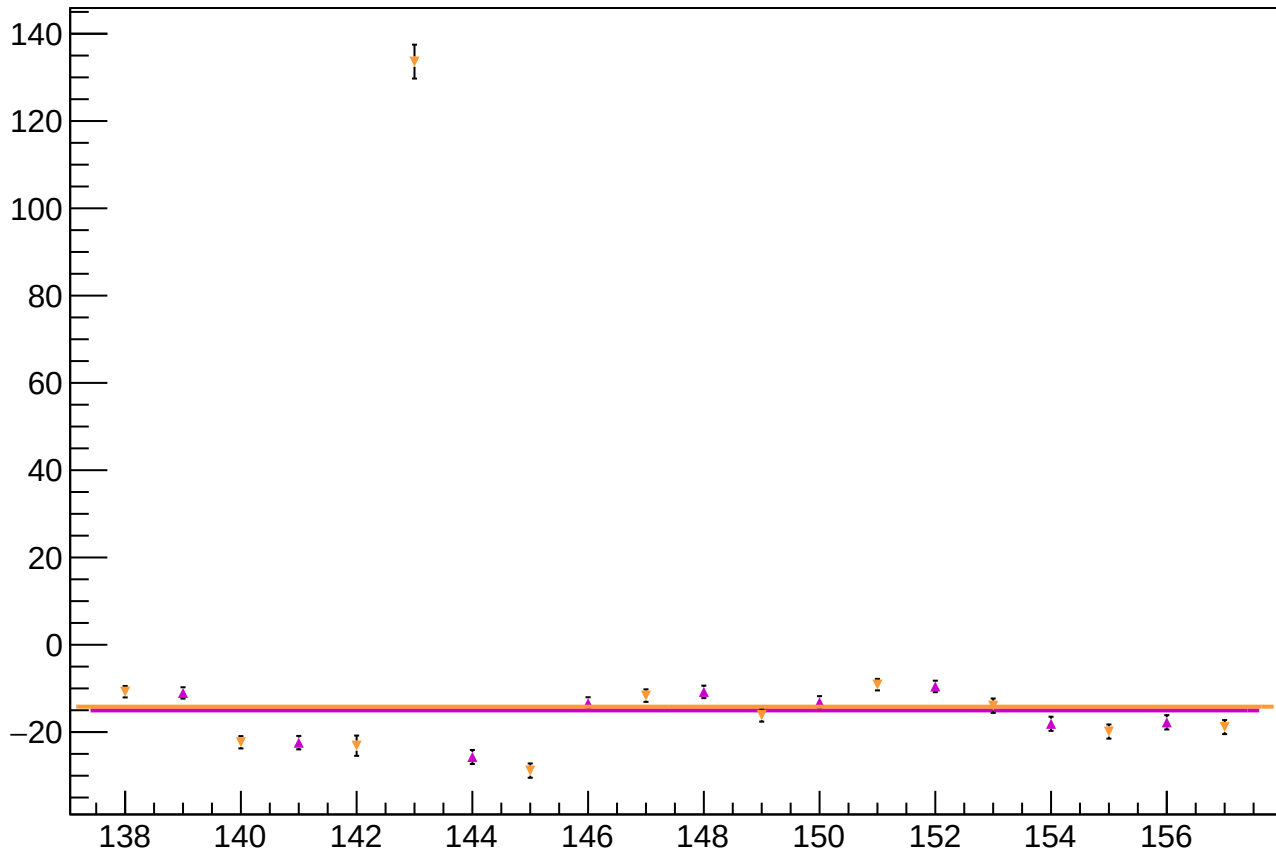
Left In: -155.450 ± 0.071 χ^2/NDF : 51436.4/8

+ sign -119.554 ± 0.047 χ^2/NDF : 1071659.0/27

All: -118.506 ± 0.034 χ^2/NDF : 2140638.9/55

- sign -117.427 ± 0.048 χ^2/NDF : 1067986.3/27

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

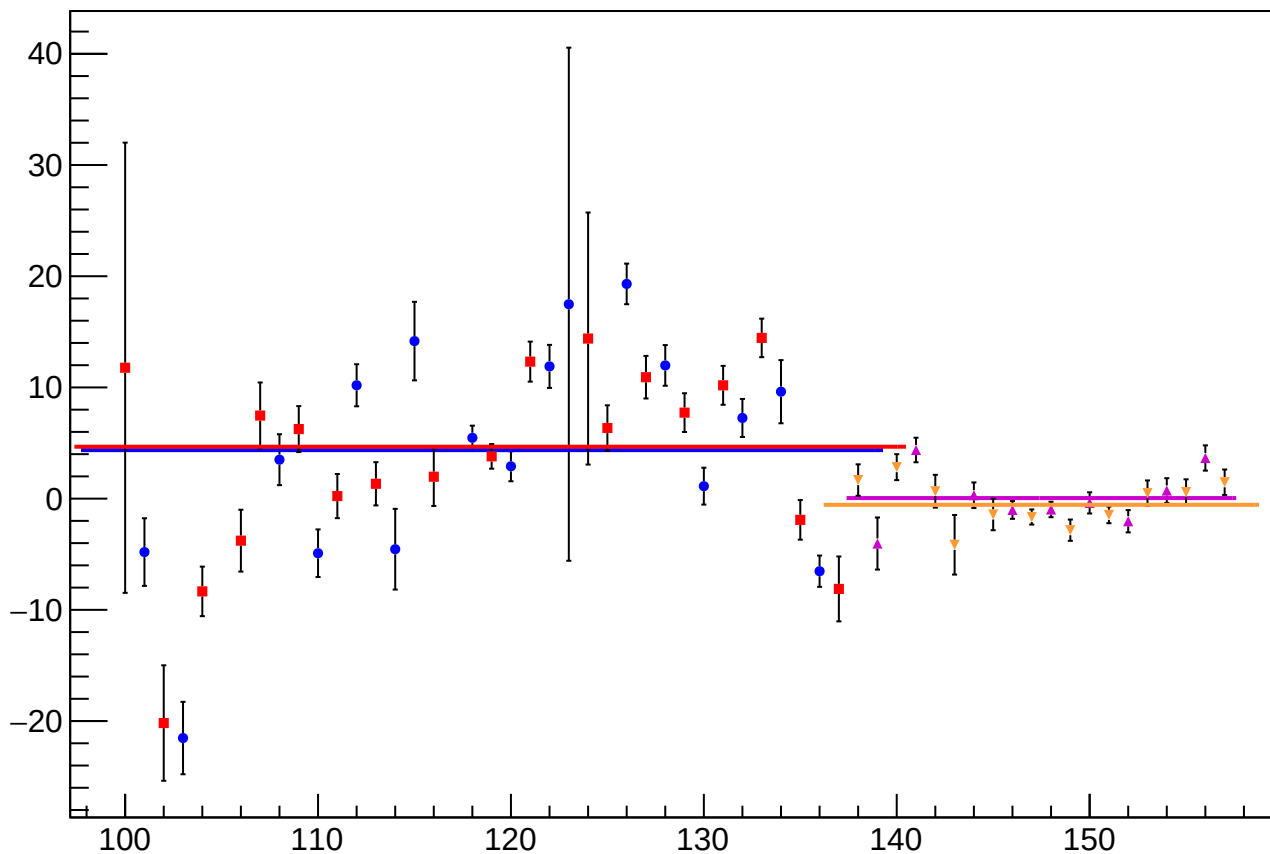
Left In: -15.040+/-0.485 χ^2/NDF :112.2/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.606+/-0.341 χ^2/NDF : 1738.3/19

- 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

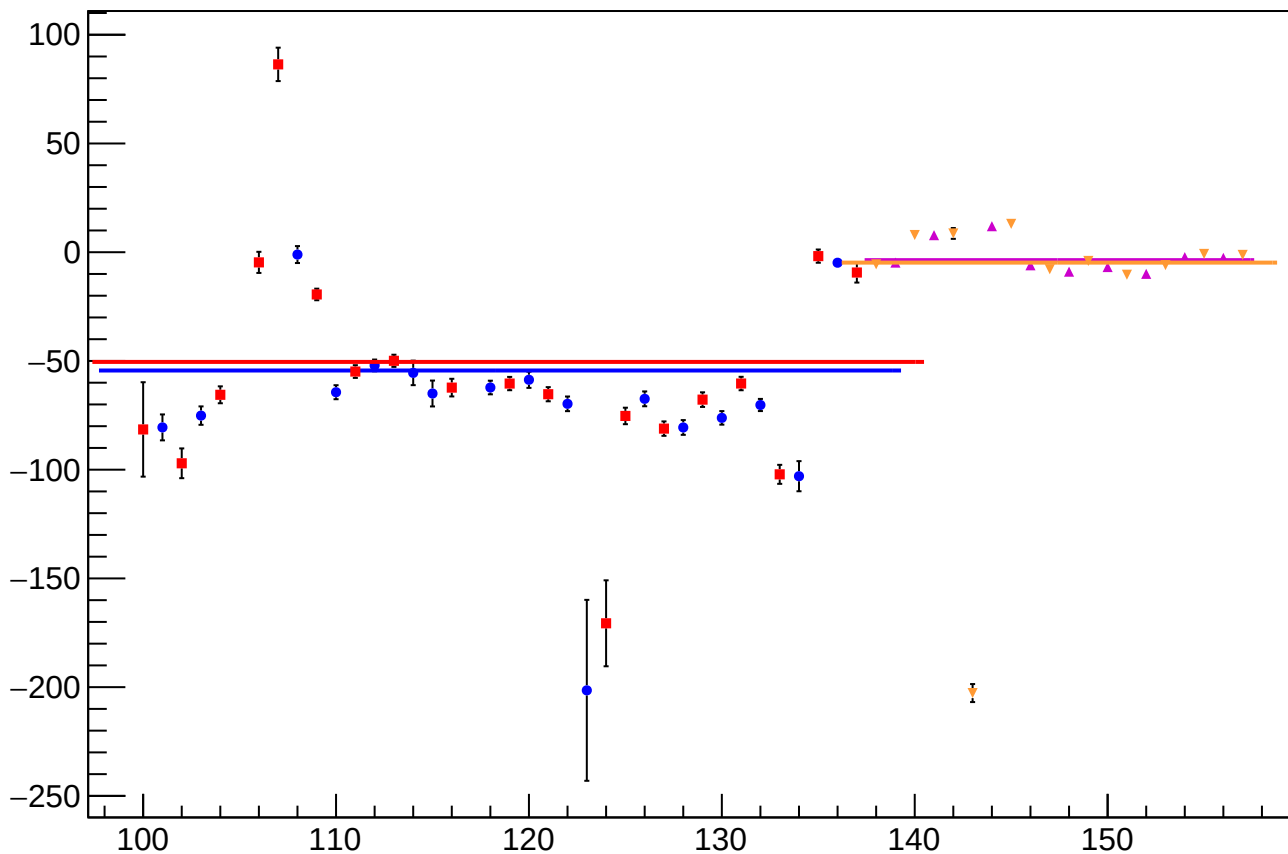
Left In: 0.050 ± 0.332 χ^2/NDF : 37.3/8

+ sign 1.040 ± 0.265 χ^2/NDF : 390.7/27

All: 1.298 ± 0.190 χ^2/NDF : 679.1/55

- sign 1.570 ± 0.272 χ^2/NDF : 286.4/27

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

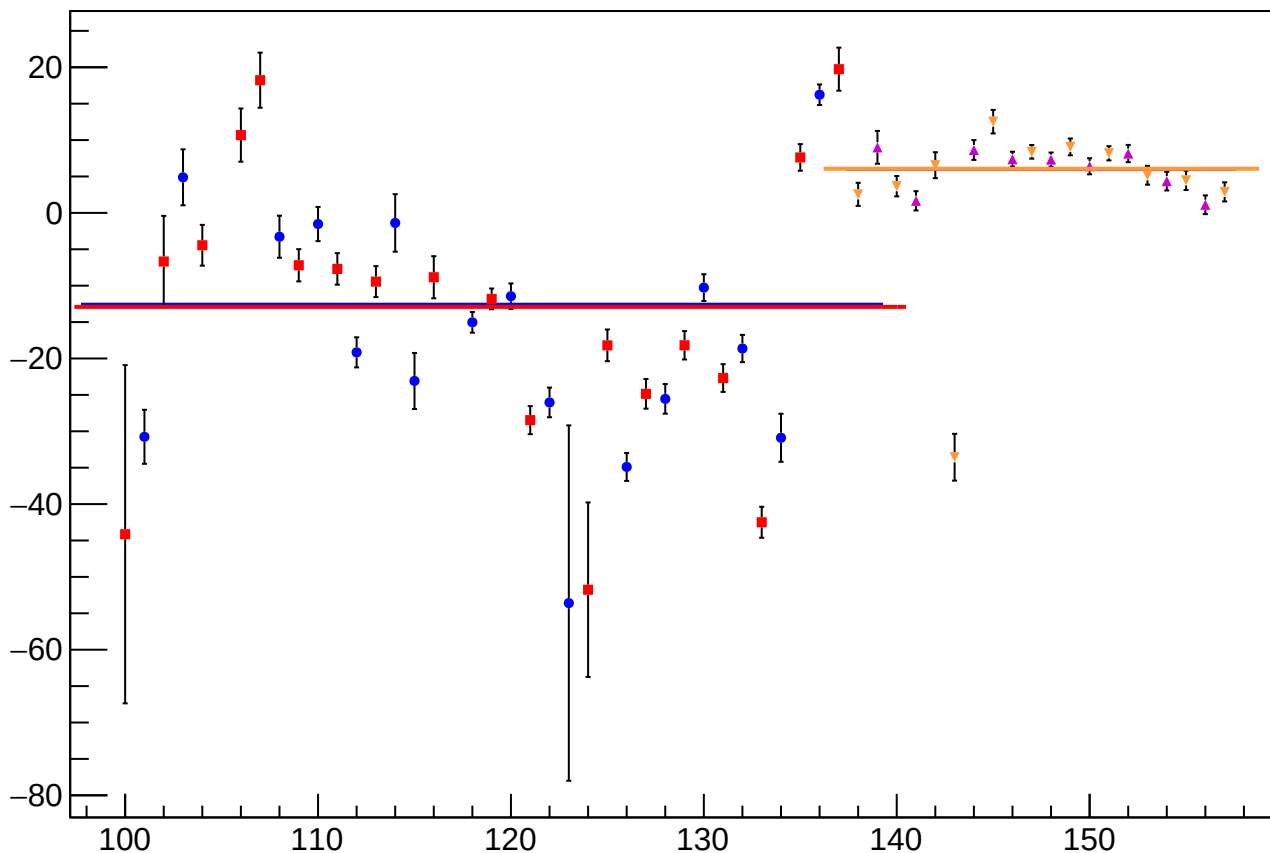
Left In: -3.646 +/- 0.475 χ^2/NDF : 183.0/8

+ sign -16.169 +/- 0.413 χ^2/NDF : 6092.1/27

All: -15.408 +/- 0.293 χ^2/NDF : 9885.7/55

- sign -14.639 +/- 0.416 χ^2/NDF : 3786.7/27

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

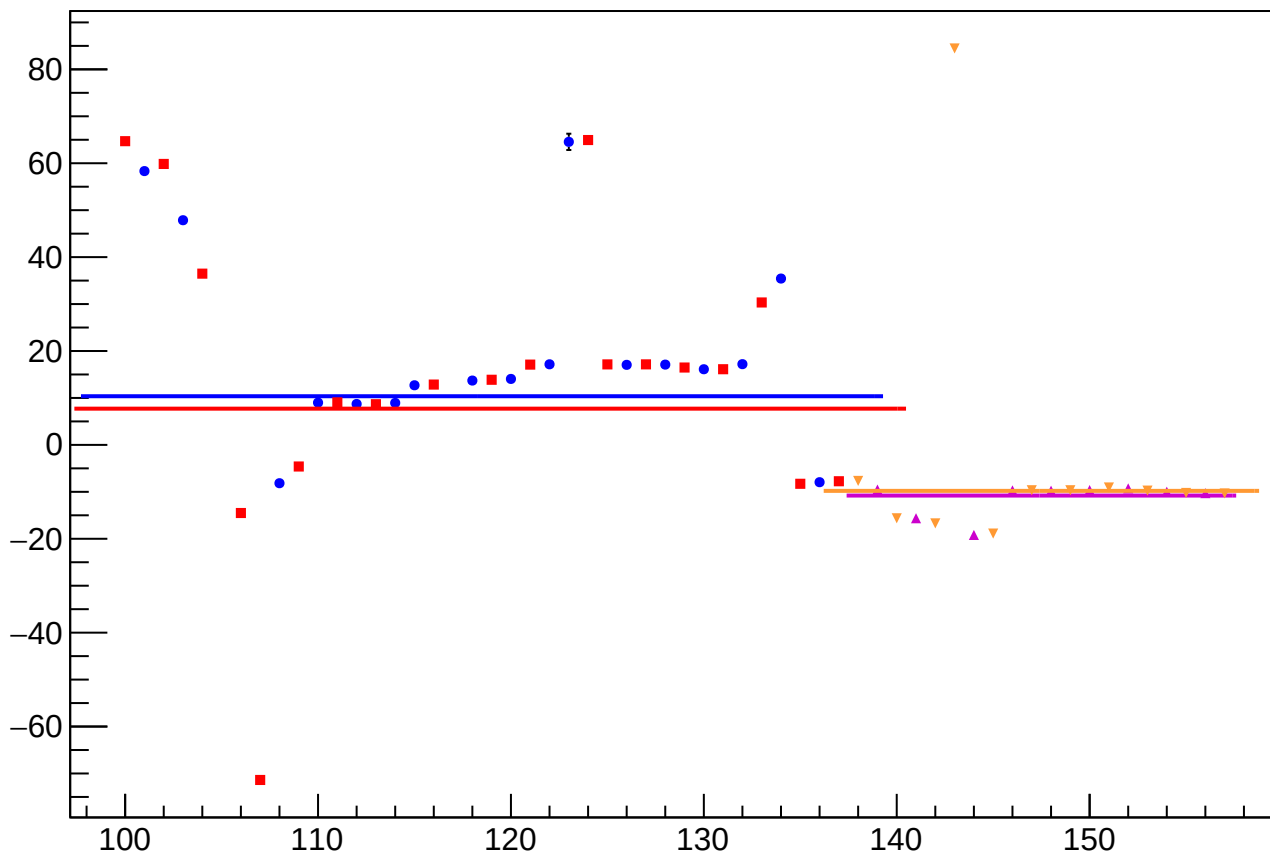
Left In: 6.027 ± 0.406 χ^2/NDF : 39.3/8

+ sign -0.619 ± 0.317 χ^2/NDF : 1786.9/27

All: -0.730 ± 0.227 χ^2/NDF : 3345.6/55

- sign -0.847 ± 0.324 χ^2/NDF : 1558.4/27

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

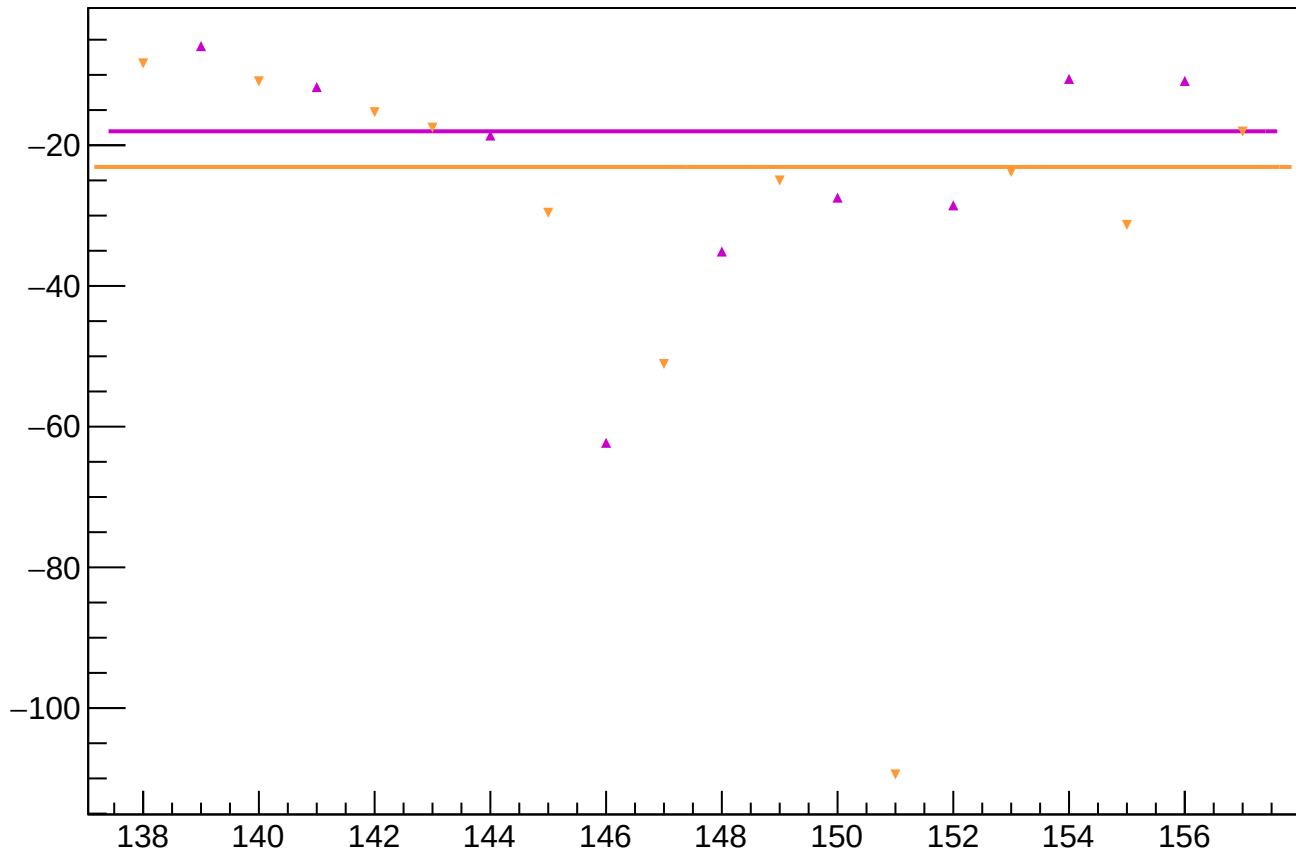
Left In: -10.794+/-0.019 χ^2/NDF : 20827.7/8

+ sign -4.329+/-0.016 χ^2/NDF : 1053398.9/27

All: -5.110+/-0.011 χ^2/NDF : 1882417.7/55

- sign -5.907+/-0.016 χ^2/NDF : 824139.9/27

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

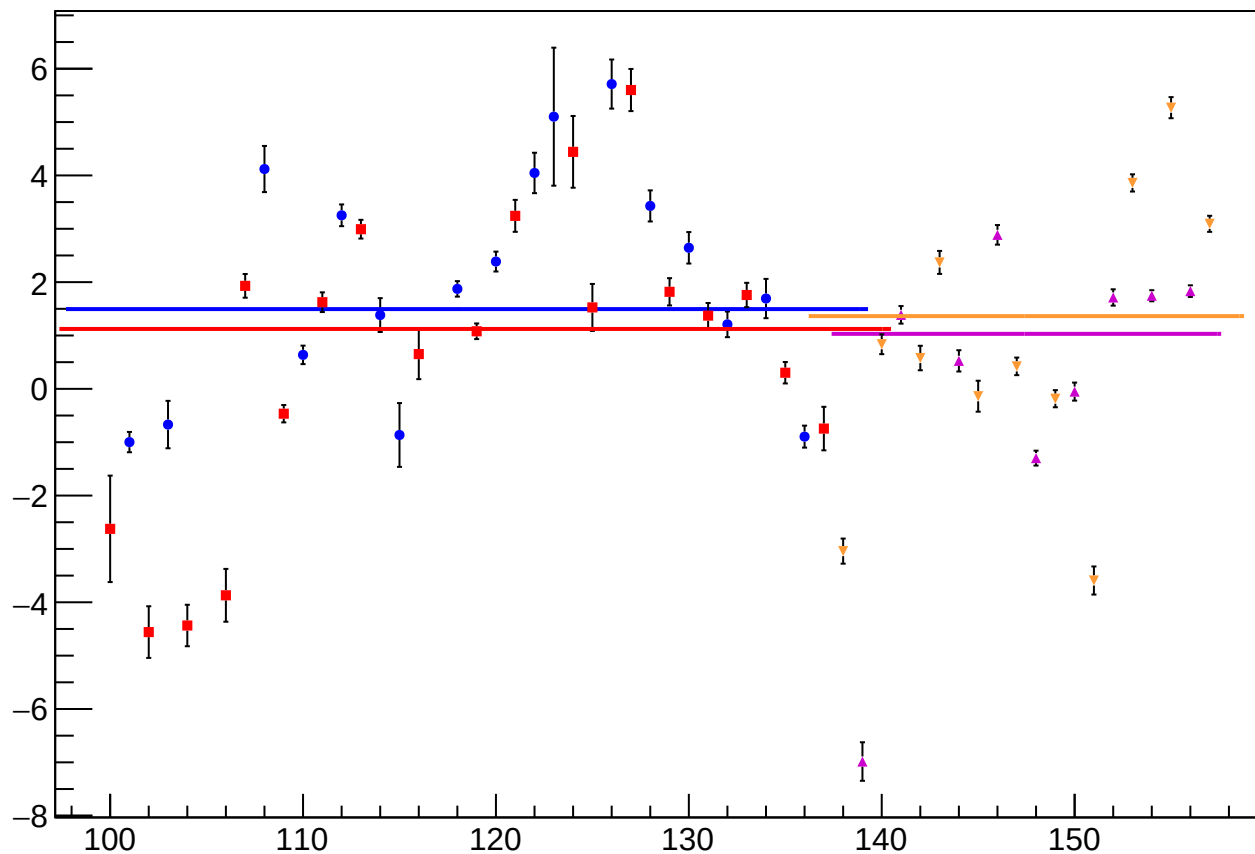
Left In: -18.019+/-0.071 χ^2/NDF : 36050.6/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.226+/-0.053 χ^2/NDF : 88631.0/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: 1.363 ± 0.058 χ^2/NDF : 1659.9/10

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

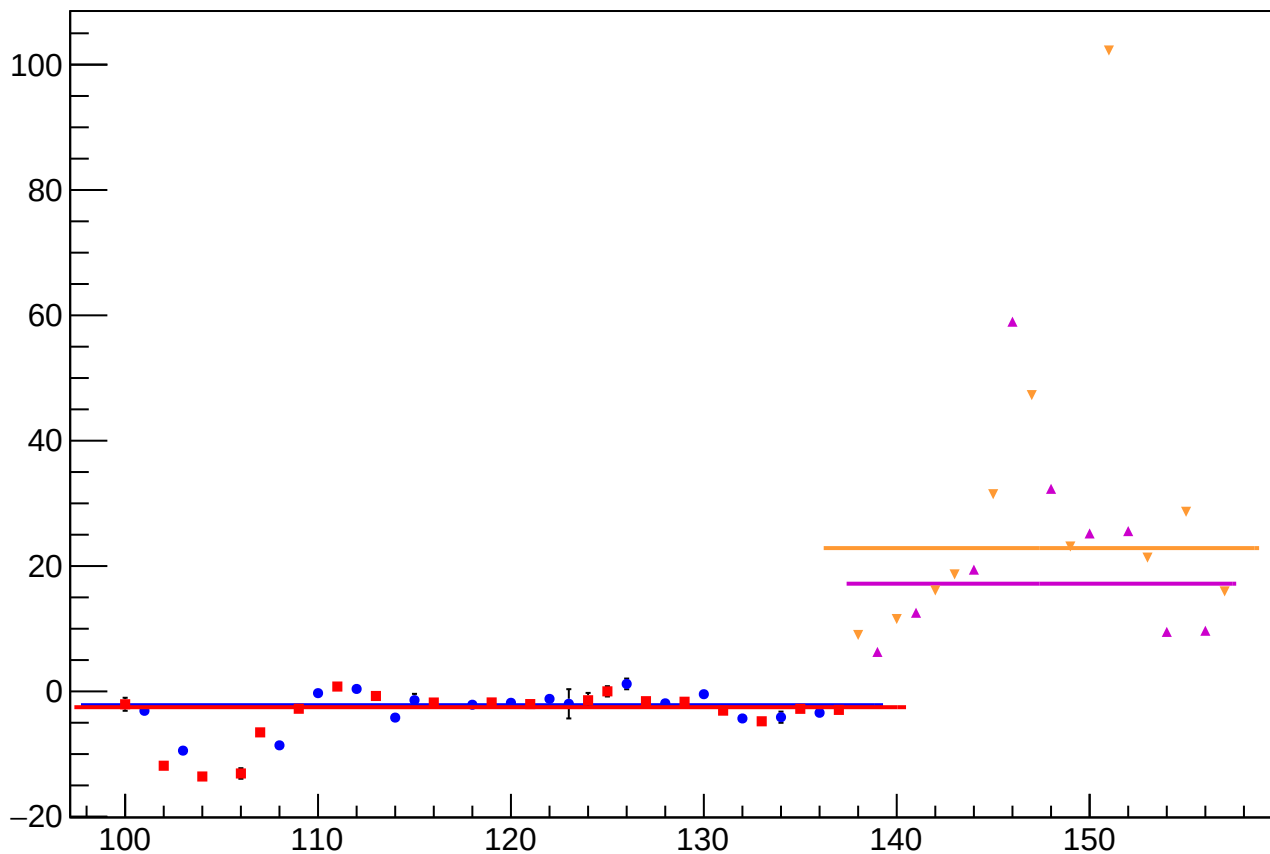
Left In: 1.031 ± 0.050 χ^2/NDF : 1046.6/8

+ sign 1.426 ± 0.042 χ^2/NDF : 2371.1/27

All: 1.229 ± 0.028 χ^2/NDF : 4405.4/55

- sign 1.070 ± 0.038 χ^2/NDF : 1994.5/27

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 $\chi^2/\text{NDF}: 461.0/16$

Left Out: 22.864 ± 0.080 $\chi^2/\text{NDF}: 45476.2/10$

Right Out: -2.520 ± 0.099 $\chi^2/\text{NDF}: 903.3/18$

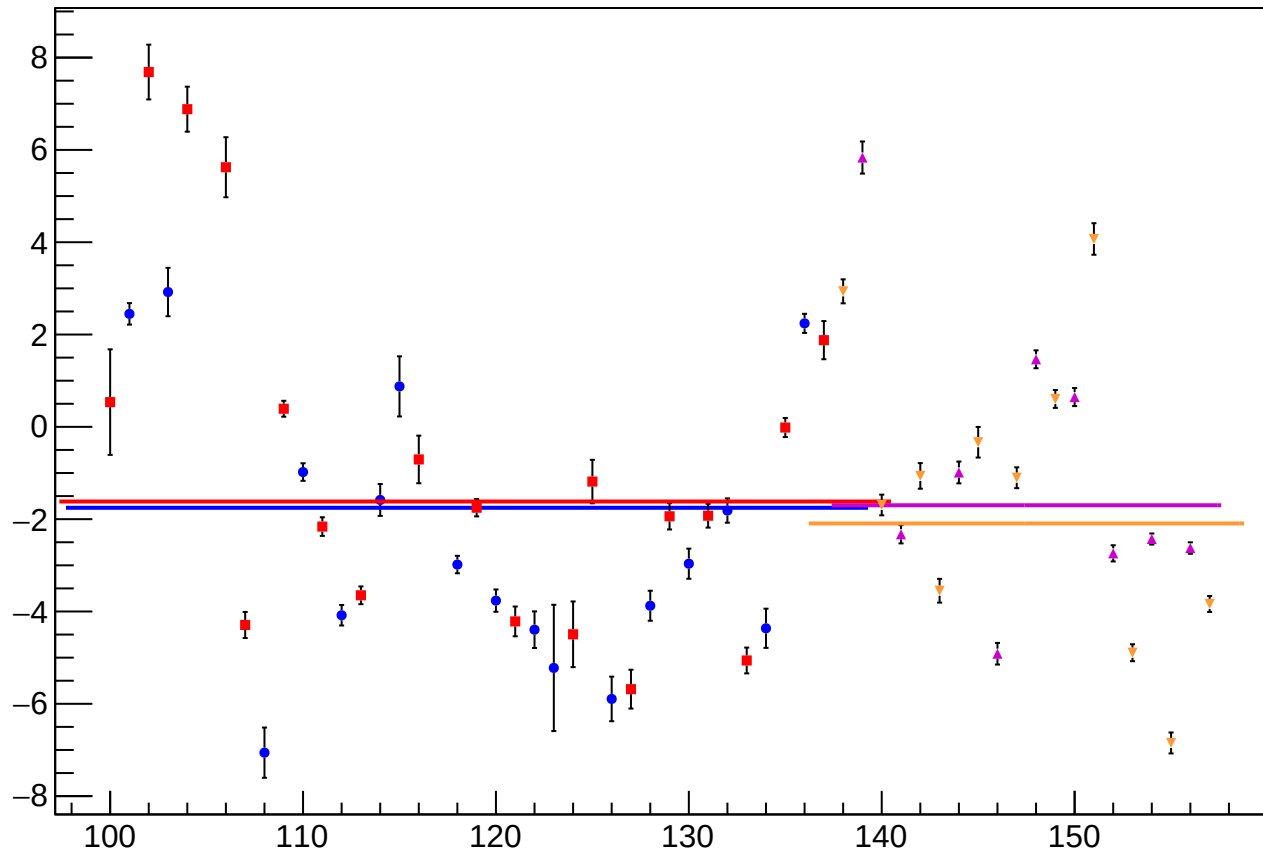
Left In: 17.185 ± 0.069 $\chi^2/\text{NDF}: 33996.6/8$

+ sign 14.264 ± 0.065 $\chi^2/\text{NDF}: 79680.0/27$

All: 12.280 ± 0.043 $\chi^2/\text{NDF}: 142983.9/55$

- sign 10.774 ± 0.056 $\chi^2/\text{NDF}: 61654.1/27$

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

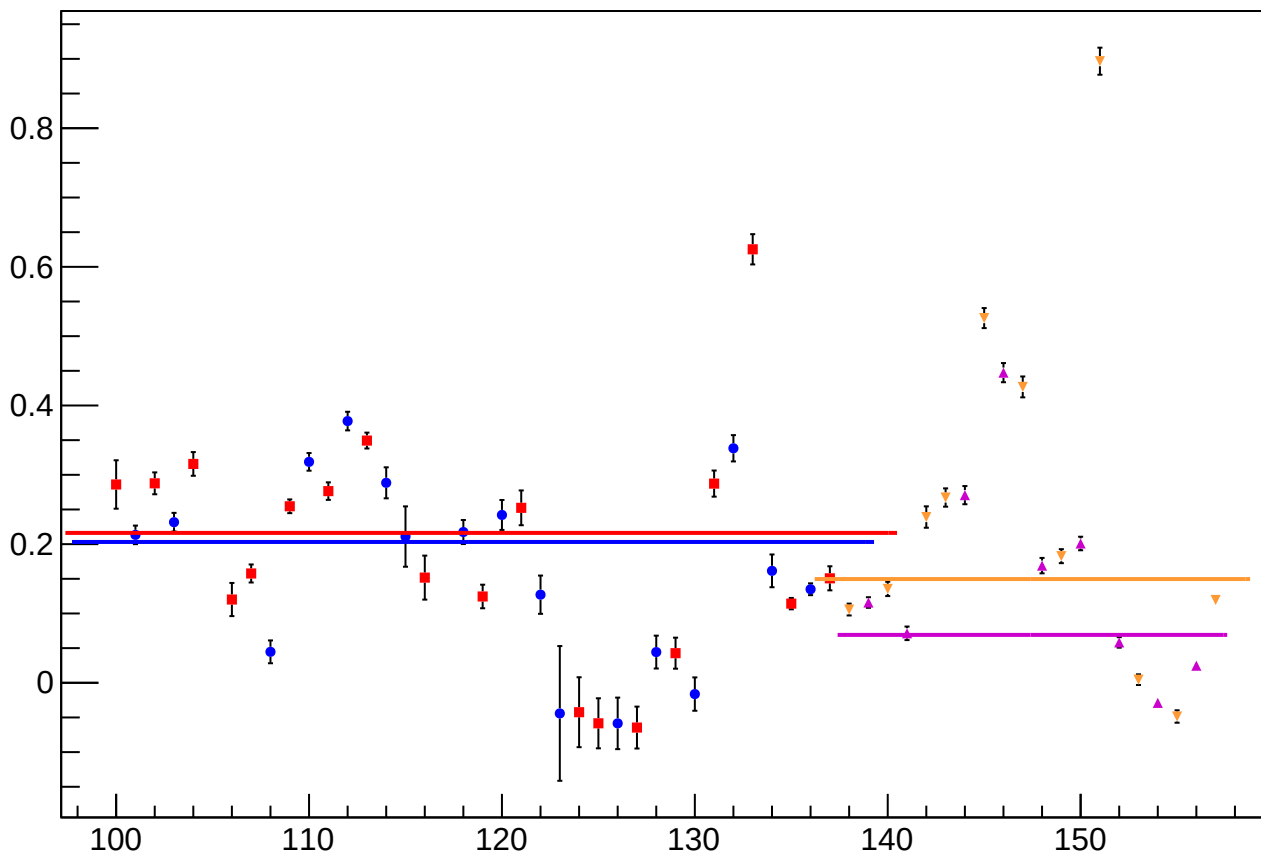
Left In: -1.699 ± 0.059 χ^2/NDF : 1215.1/8

+ sign -1.926 ± 0.049 χ^2/NDF : 3122.5/27

All: -1.779 ± 0.033 χ^2/NDF : 5842.0/55

- sign -1.663 ± 0.044 χ^2/NDF : 2703.5/27

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 677.2/16

Left Out: 0.150 $\pm$ 0.003 χ^2 /NDF:3499.0/10

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1067.3/18

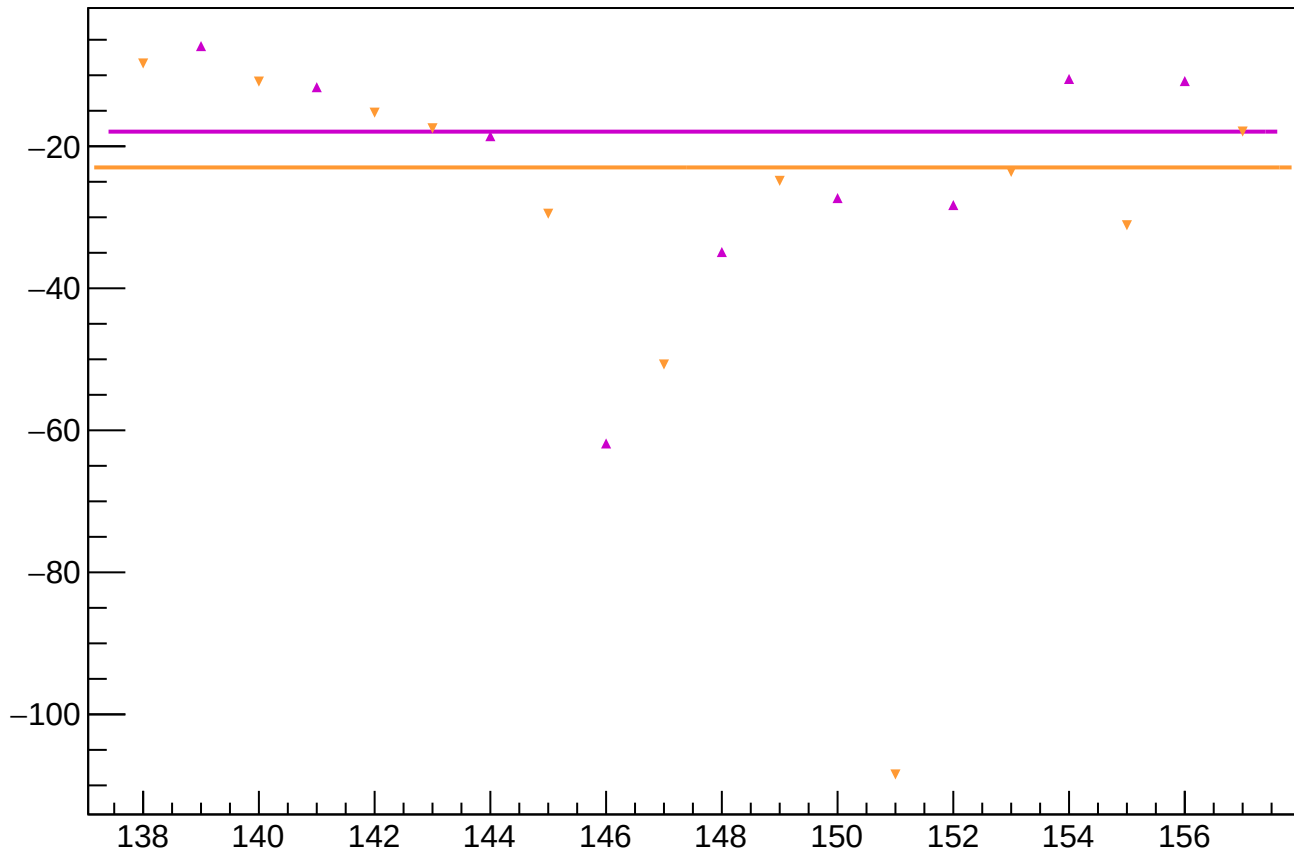
Left In: 0.069 $\pm$ 0.003 χ^2 /NDF:1770.0/8

+ sign 0.169 $\pm$ 0.002 χ^2 /NDF: 4284.7/27

All: 0.138 $\pm$ 0.002 χ^2 /NDF: 8483.0/55

- sign 0.115 $\pm$ 0.002 χ^2 /NDF: 3925.0/27

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

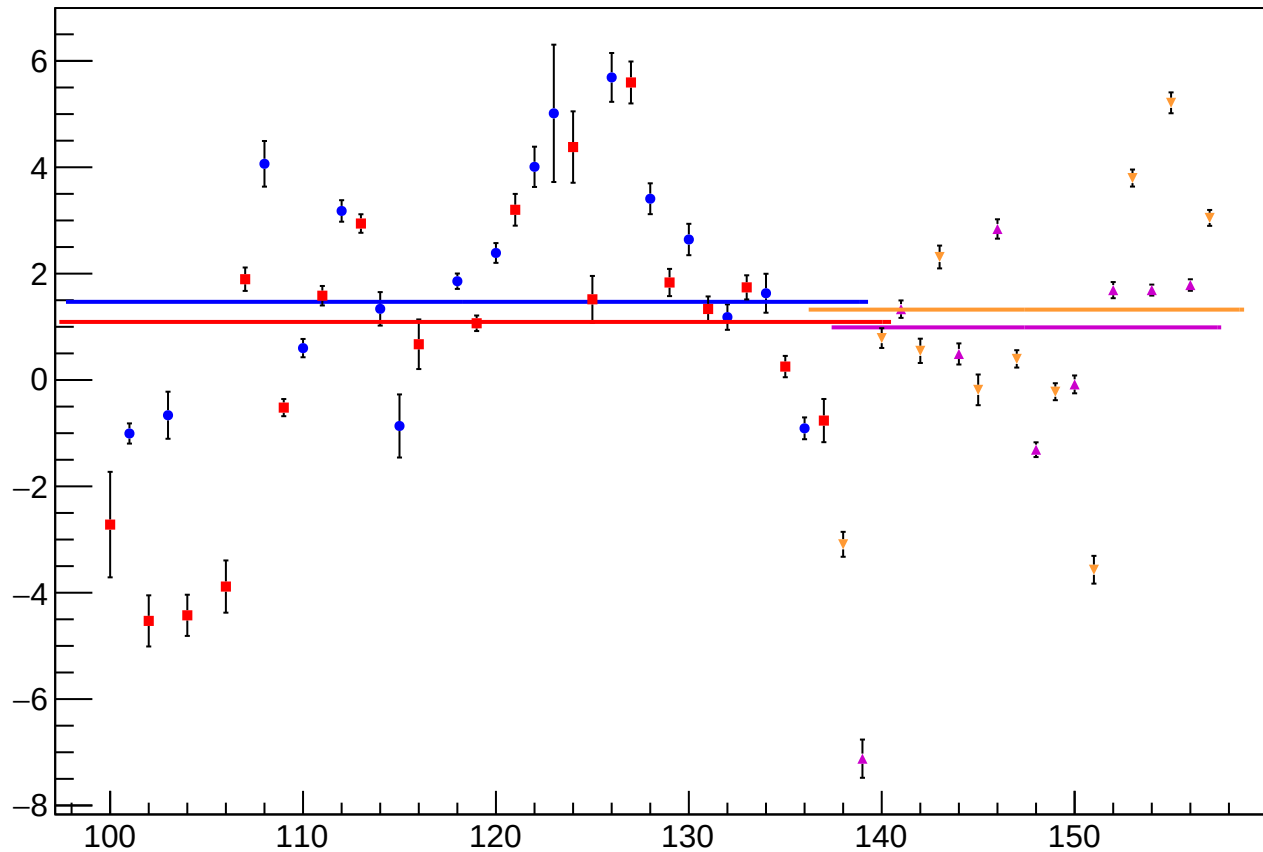
Left In: -17.939 ± 0.071 χ^2/NDF : 35975.7/8

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.134 ± 0.053 χ^2/NDF : 88448.7/19

- 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

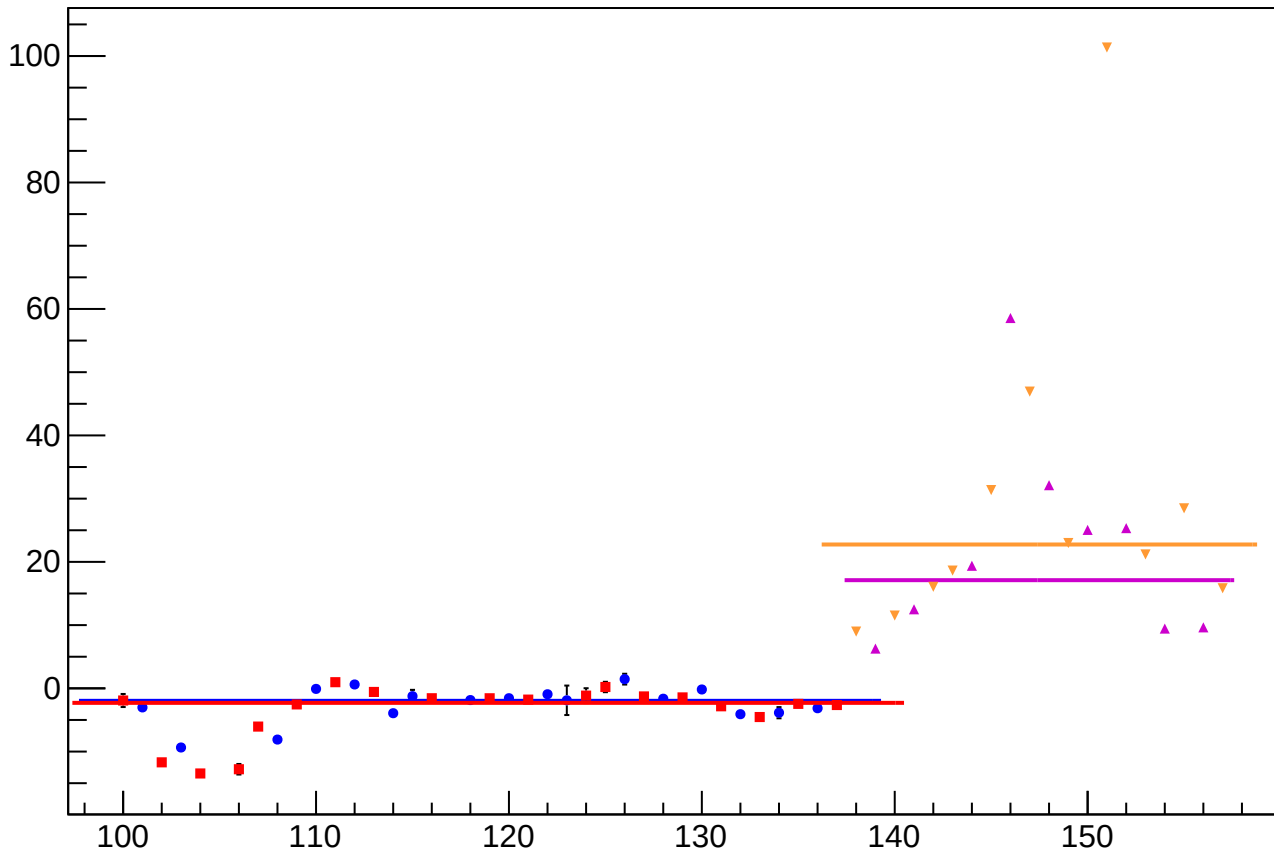
Left In: 0.989 $\pm$ 0.049 χ^2/NDF :1060.6/8

+ sign 1.393 $\pm$ 0.042 χ^2/NDF : 2375.5/27

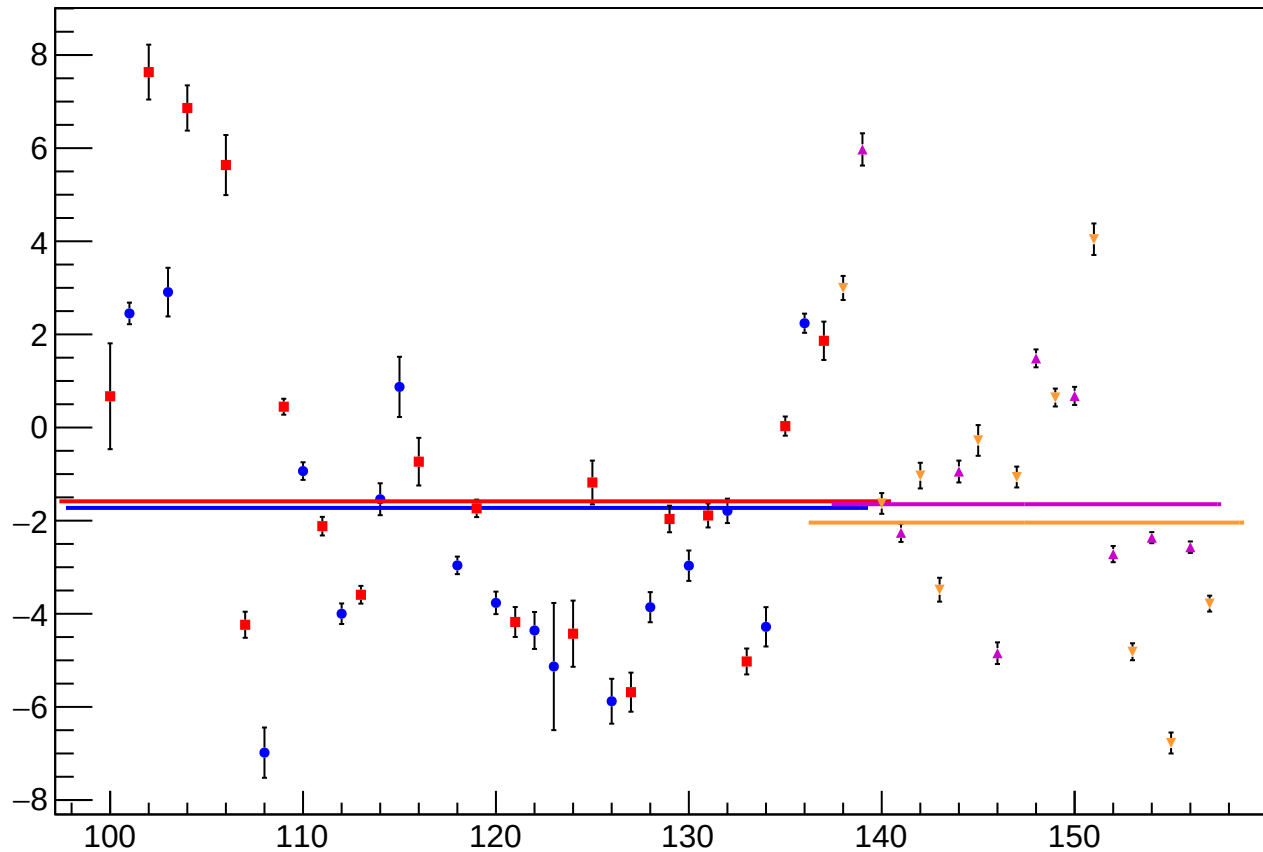
All: 1.193 $\pm$ 0.028 χ^2/NDF : 4431.0/55

- sign 1.032 $\pm$ 0.038 χ^2/NDF : 2014.5/27

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

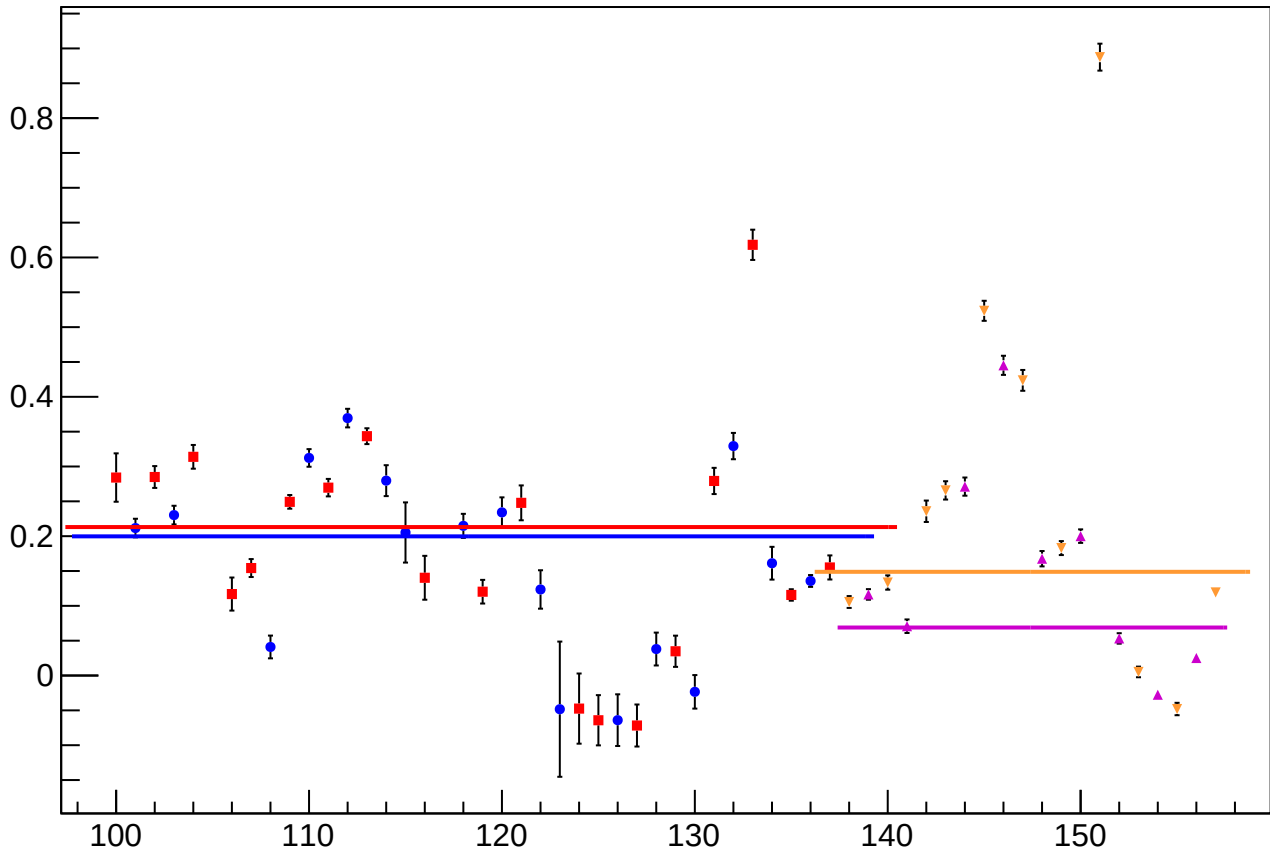
Left In: -1.647 ± 0.058 χ^2/NDF : 1230.9/8

+ sign -1.887 ± 0.049 χ^2/NDF : 3123.2/27

All: -1.737 ± 0.033 χ^2/NDF : 5864.2/55

- sign -1.619 ± 0.044 χ^2/NDF : 2724.3/27

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.149 $\pm$ 0.003 χ^2 /NDF:3489.1/10

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

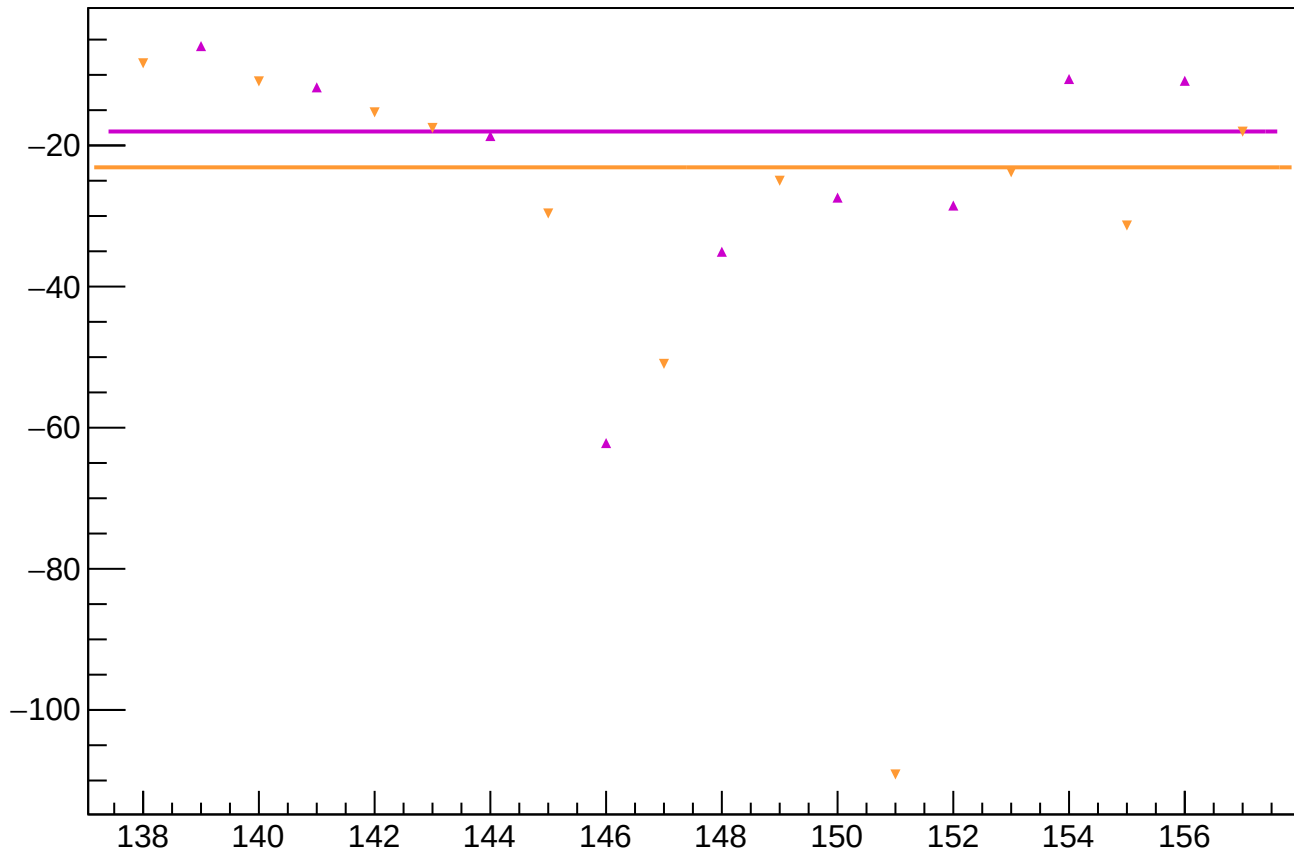
Left In: 0.069 $\pm$ 0.002 χ^2 /NDF:1771.2/8

+ sign 0.167 $\pm$ 0.002 χ^2 /NDF: 4250.8/27

All: 0.136 $\pm$ 0.002 χ^2 /NDF: 8399.6/55

- sign 0.114 $\pm$ 0.002 χ^2 /NDF: 3877.9/27

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

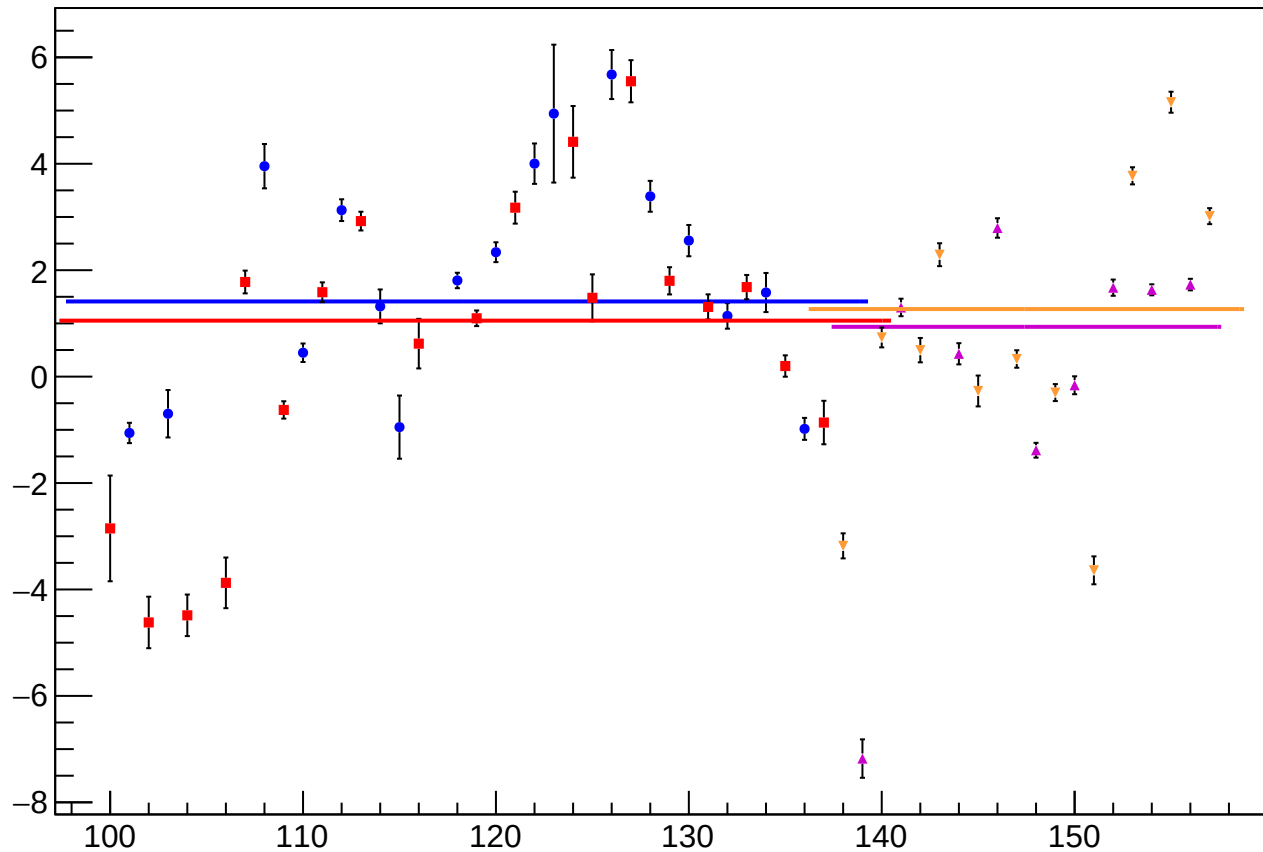
Left In: -18.023+/-0.071 χ^2/NDF : 36067.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.233+/-0.053 χ^2/NDF : 88667.1/19

- 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

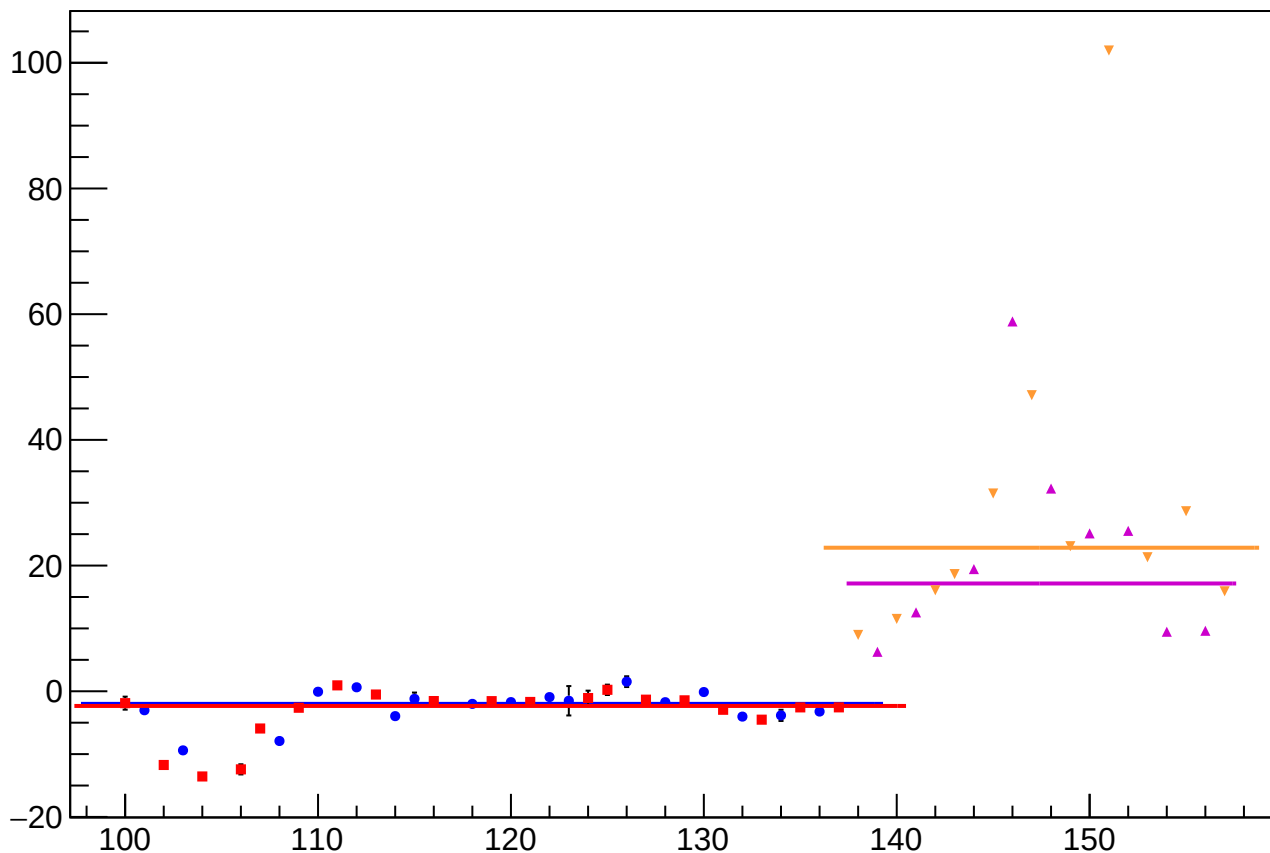
Left In: 0.936 $\pm$ 0.050 χ^2/NDF :1060.8/8

+ sign 1.337 $\pm$ 0.042 χ^2/NDF : 2388.9/27

All: 1.142 $\pm$ 0.028 χ^2/NDF : 4454.4/55

- sign 0.985 $\pm$ 0.038 χ^2/NDF : 2026.4/27

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 22.840 ± 0.080 χ^2/NDF : 45482.7/10

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

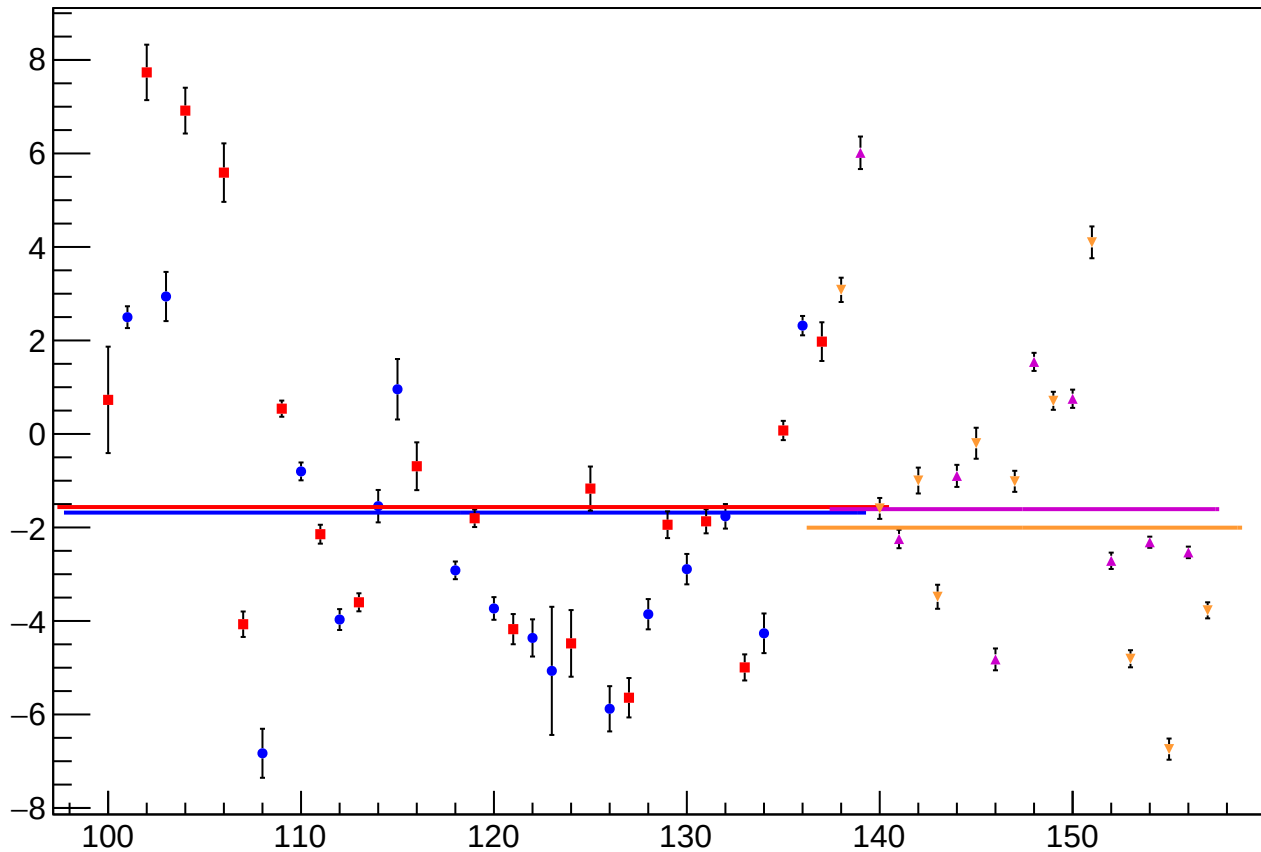
Left In: 17.149 ± 0.069 χ^2/NDF : 34032.0/8

+ sign 14.339 ± 0.065 χ^2/NDF : 79132.1/27

All: 12.341 ± 0.042 χ^2/NDF : 141956.6/55

- sign 10.826 ± 0.056 χ^2/NDF : 61149.0/27

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 $\pm$ 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.004 $\pm$ 0.069 χ^2/NDF : 1780.3/10

Right Out: -1.563 $\pm$ 0.066 χ^2/NDF : 1504.7/18

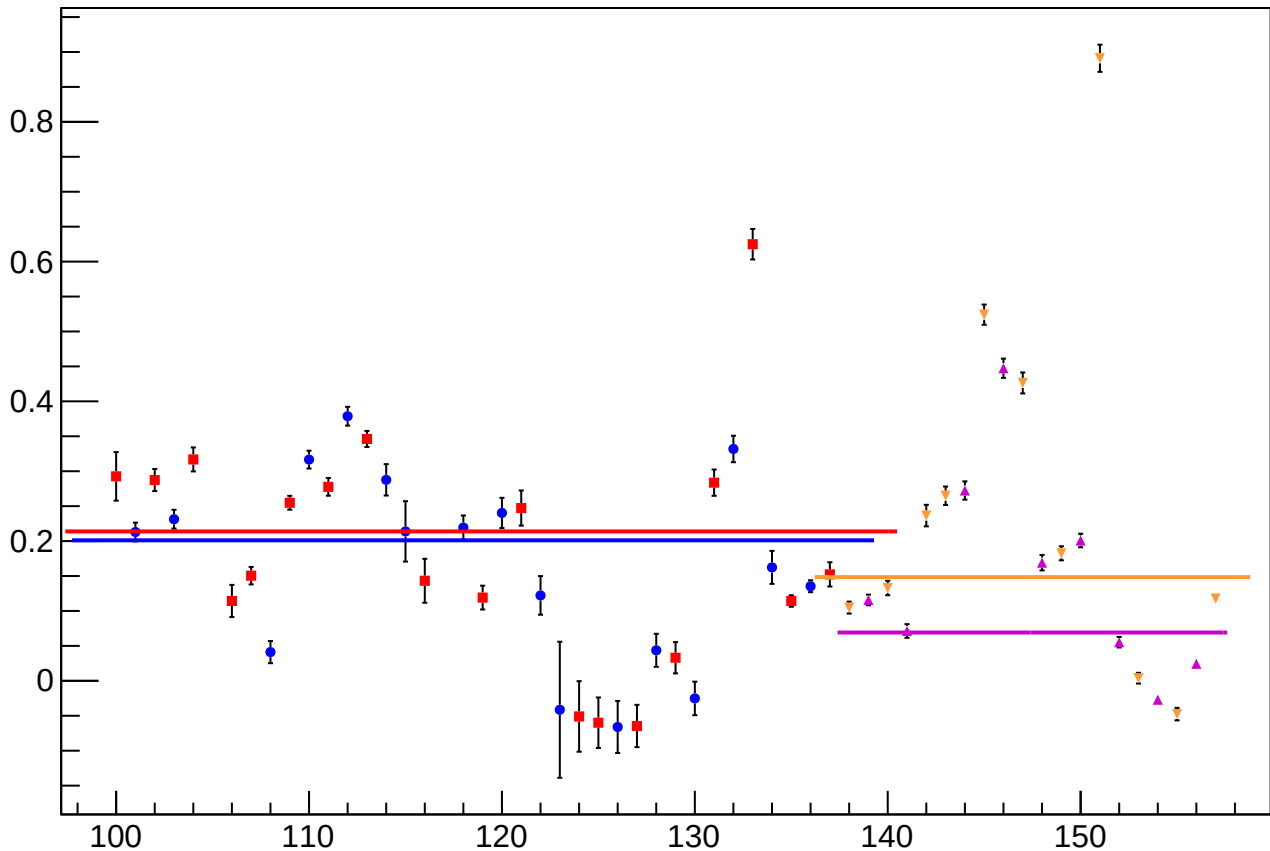
Left In: -1.608 $\pm$ 0.059 χ^2/NDF : 1232.0/8

+ sign -1.846 $\pm$ 0.049 χ^2/NDF : 3138.9/27

All: -1.702 $\pm$ 0.033 χ^2/NDF : 5891.2/55

- sign -1.588 $\pm$ 0.044 χ^2/NDF : 2736.9/27

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2/NDF : 691.3/16

Left Out: 0.148 $\pm$ 0.003 χ^2/NDF : 3483.6/10

Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1083.1/18

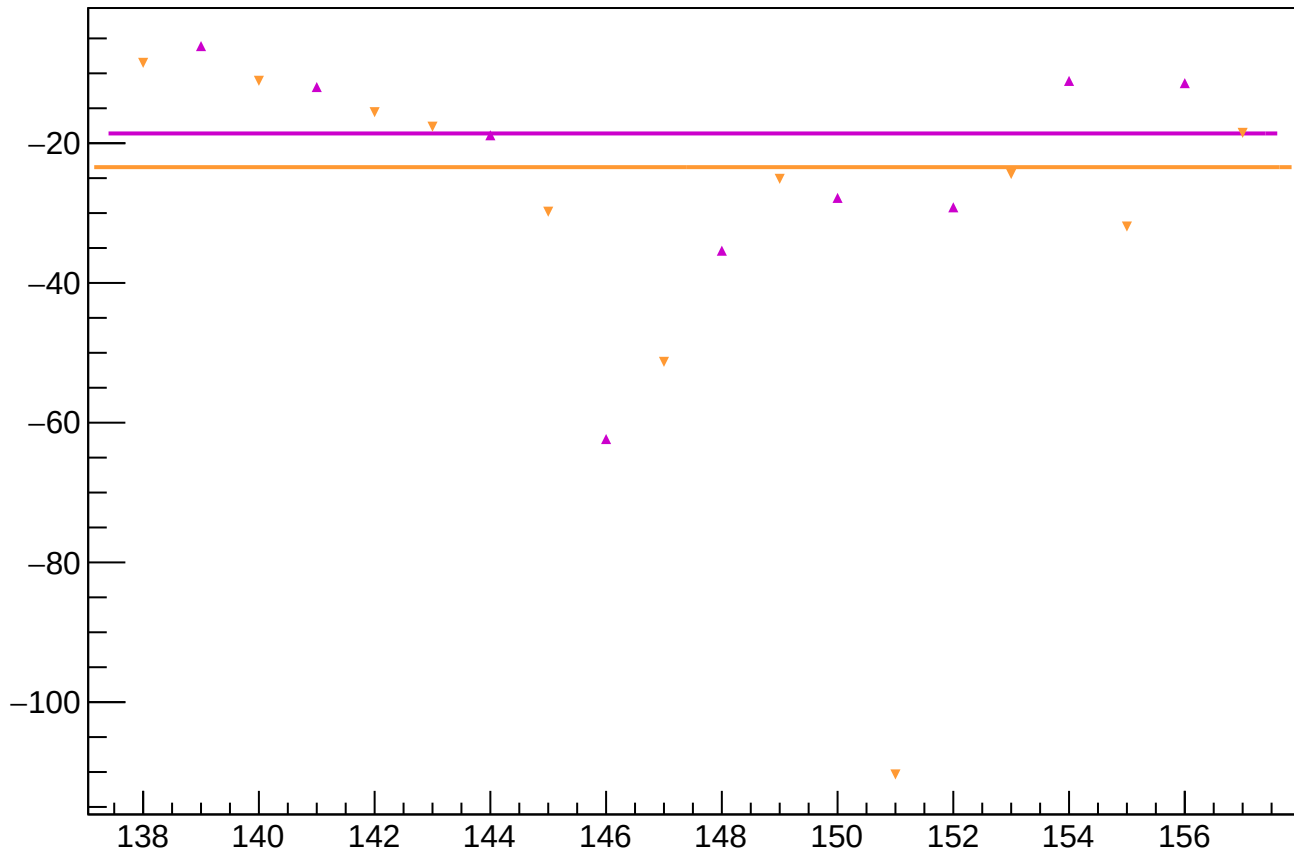
Left In: 0.069 $\pm$ 0.002 χ^2/NDF : 1770.0/8

+ sign 0.167 $\pm$ 0.002 χ^2/NDF : 4280.3/27

All: 0.136 $\pm$ 0.002 χ^2/NDF : 8457.1/55

- sign 0.115 $\pm$ 0.002 χ^2/NDF : 3911.0/27

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

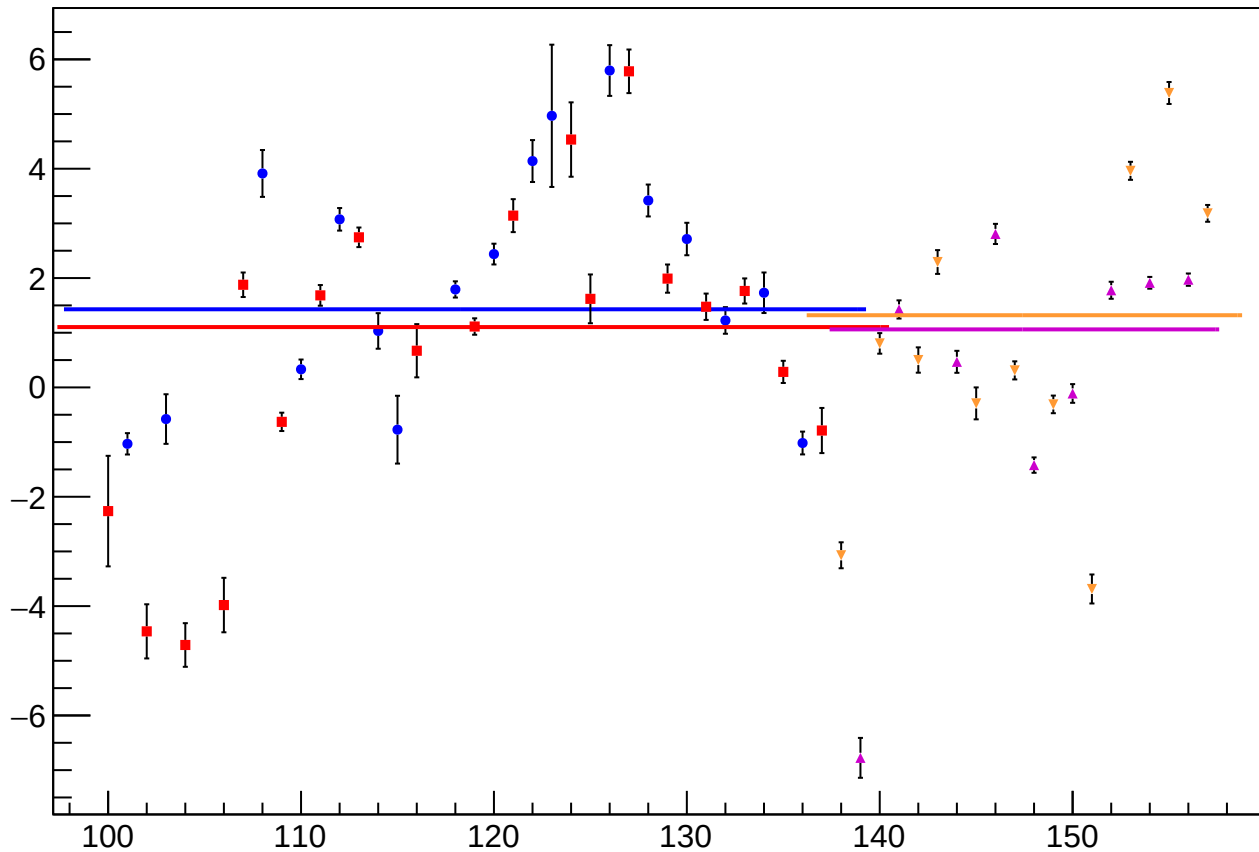
Left In: -18.604+/-0.073 χ^2/NDF : 35080.8/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.727+/-0.054 χ^2/NDF : 87244.8/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 ± 0.062 χ^2/NDF : 711.4/16

Left Out: 1.320 ± 0.059 χ^2/NDF : 1721.1/10

Right Out: 1.104 ± 0.059 χ^2/NDF : 936.5/18

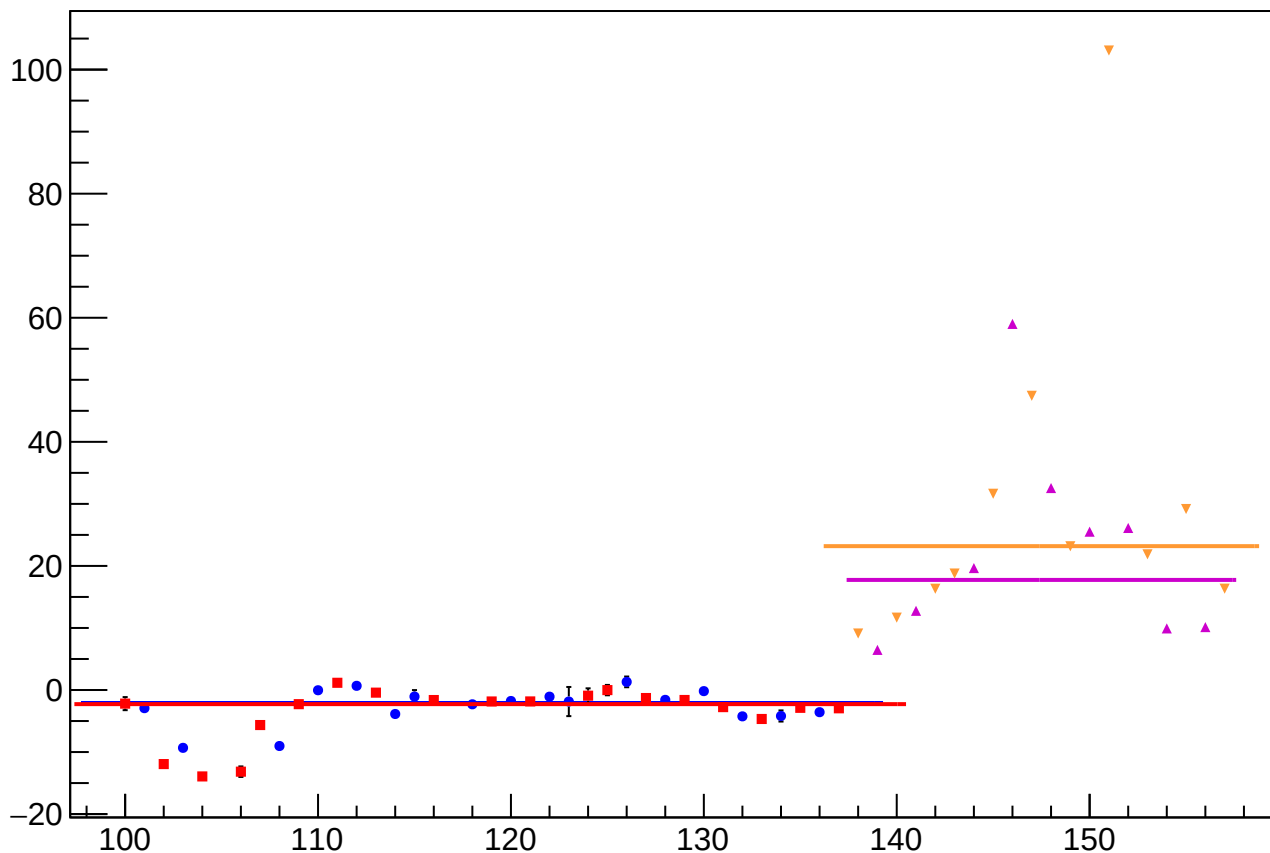
Left In: 1.061 ± 0.051 χ^2/NDF : 1071.3/8

+ sign 1.371 ± 0.043 χ^2/NDF : 2434.1/27

All: 1.210 ± 0.029 χ^2/NDF : 4468.1/55

- sign 1.079 ± 0.039 χ^2/NDF : 2008.1/27

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 $\chi^2/\text{NDF}: 918.6/18$

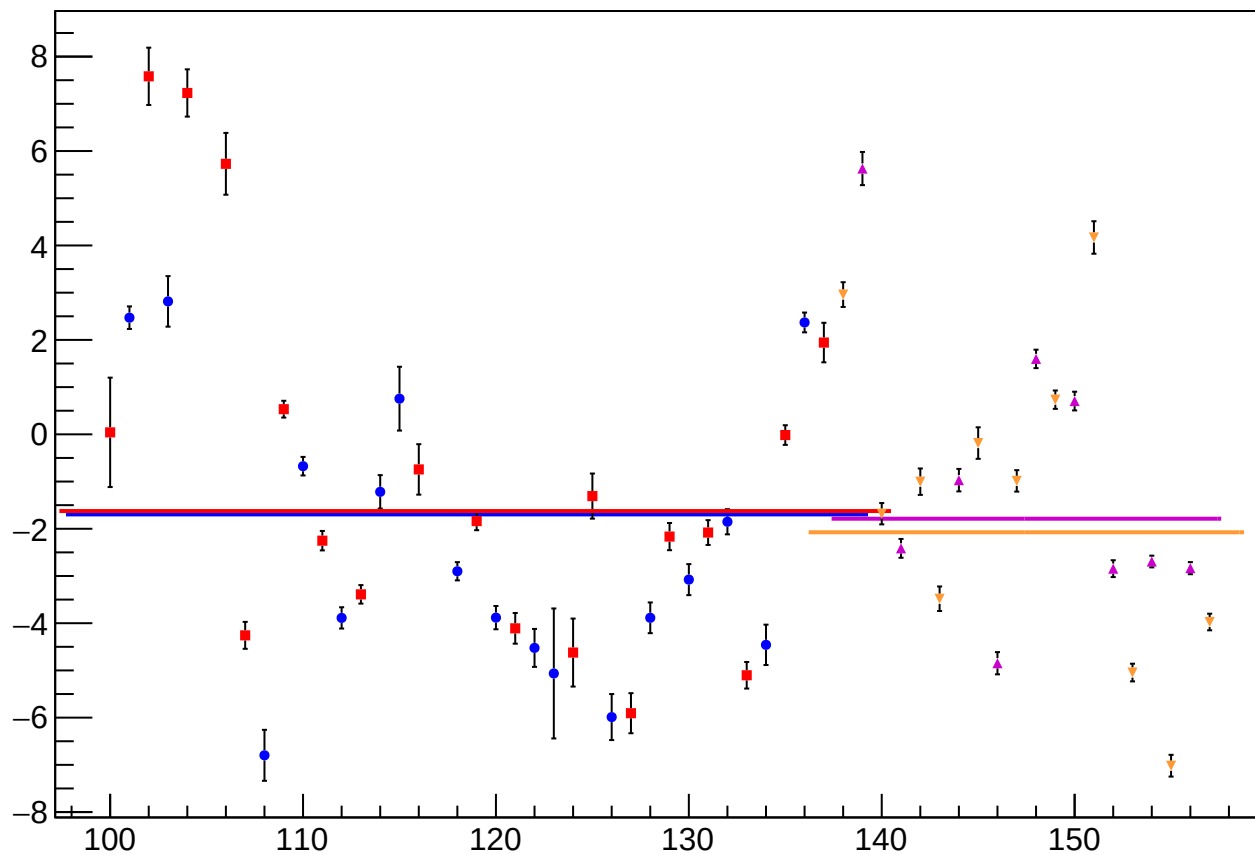
Left In: 17.744 ± 0.070 $\chi^2/\text{NDF}: 32944.4/8$

+ sign 14.573 ± 0.066 $\chi^2/\text{NDF}: 78988.1/27$

All: 12.674 ± 0.043 $\chi^2/\text{NDF}: 140799.0/55$

- sign 11.210 ± 0.058 $\chi^2/\text{NDF}: 60332.7/27$

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

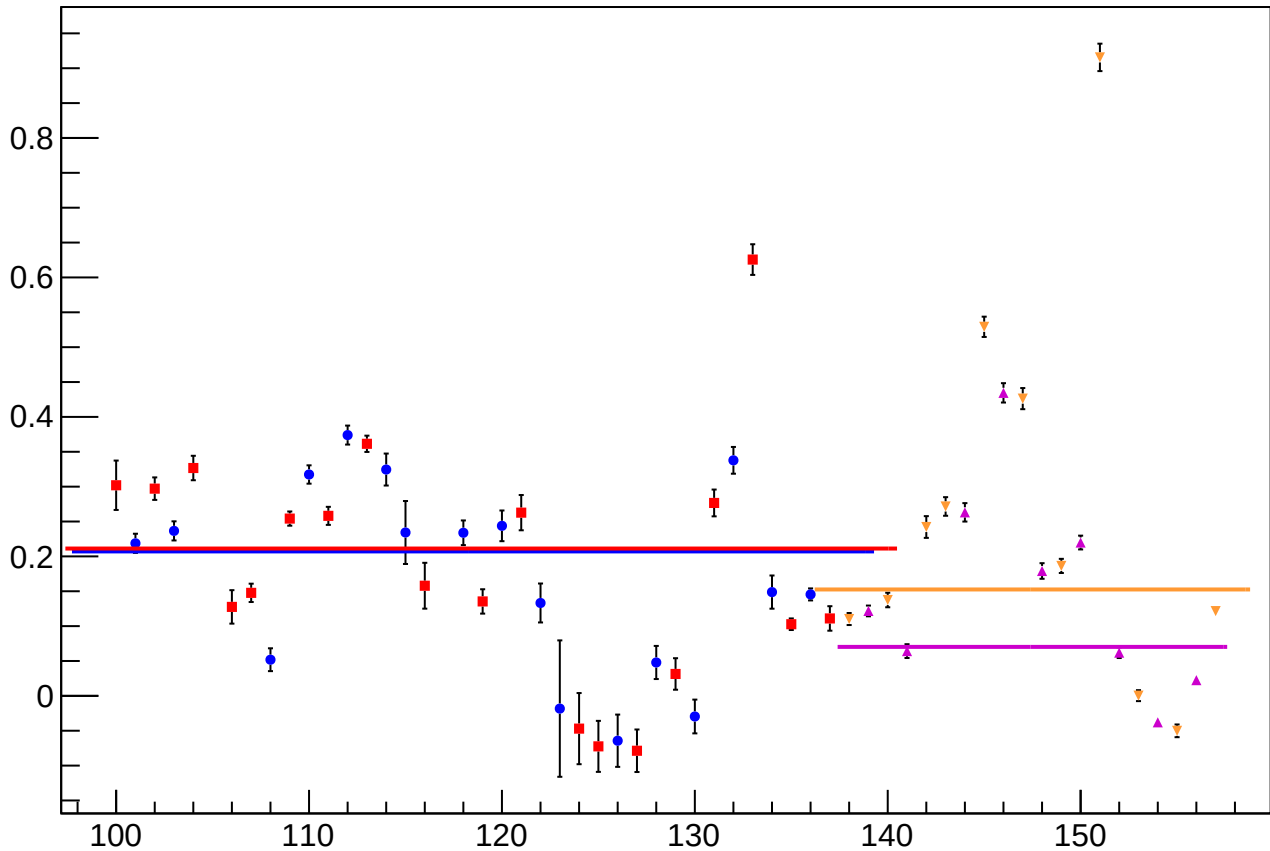
Left In: -1.787 ± 0.060 χ^2/NDF : 1249.5/8

+ sign -1.889 ± 0.050 χ^2/NDF : 3184.2/27

All: -1.792 ± 0.033 χ^2/NDF : 5911.1/55

- sign -1.715 ± 0.045 χ^2/NDF : 2720.1/27

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.153 ± 0.003 χ^2/NDF : 3543.0/10

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

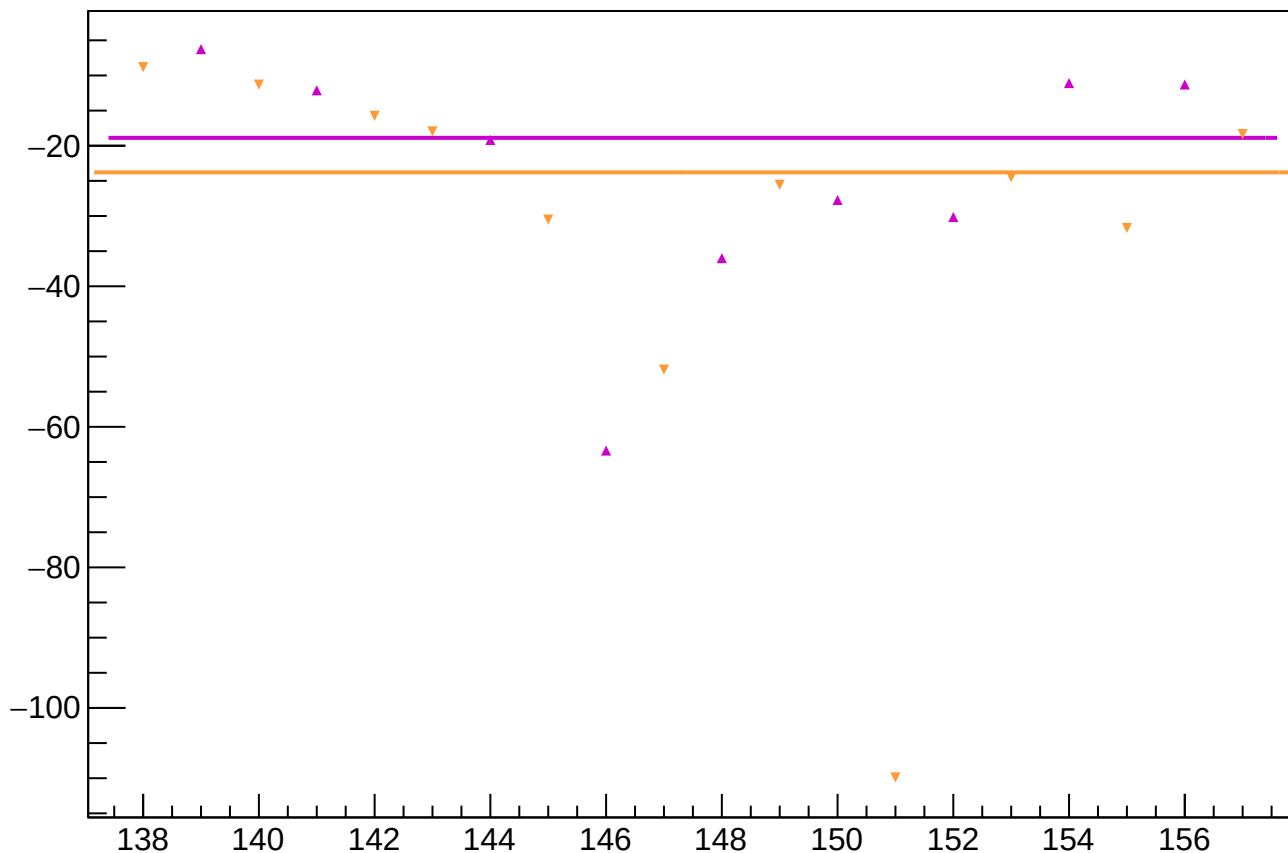
Left In: 0.070 ± 0.003 χ^2/NDF : 1810.2/8

+ sign 0.172 ± 0.002 χ^2/NDF : 4308.8/27

All: 0.139 ± 0.002 χ^2/NDF : 8525.3/55

- sign 0.115 ± 0.002 χ^2/NDF : 3916.4/27

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

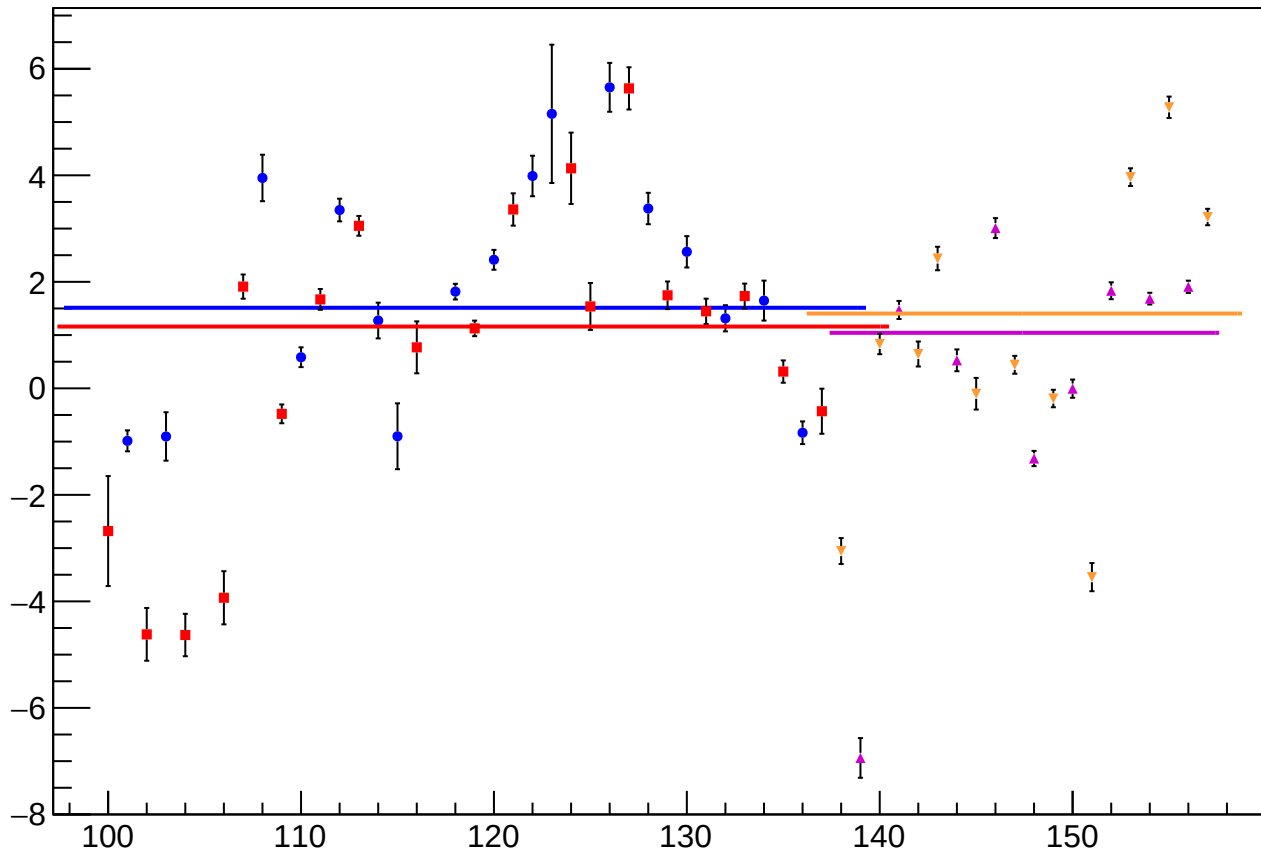
Left In: -18.877+/-0.074 χ^2/NDF : 35361.0/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.048+/-0.055 χ^2/NDF : 86830.9/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: 1.404 $\pm$ 0.059 χ^2/NDF : 1626.5/10

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

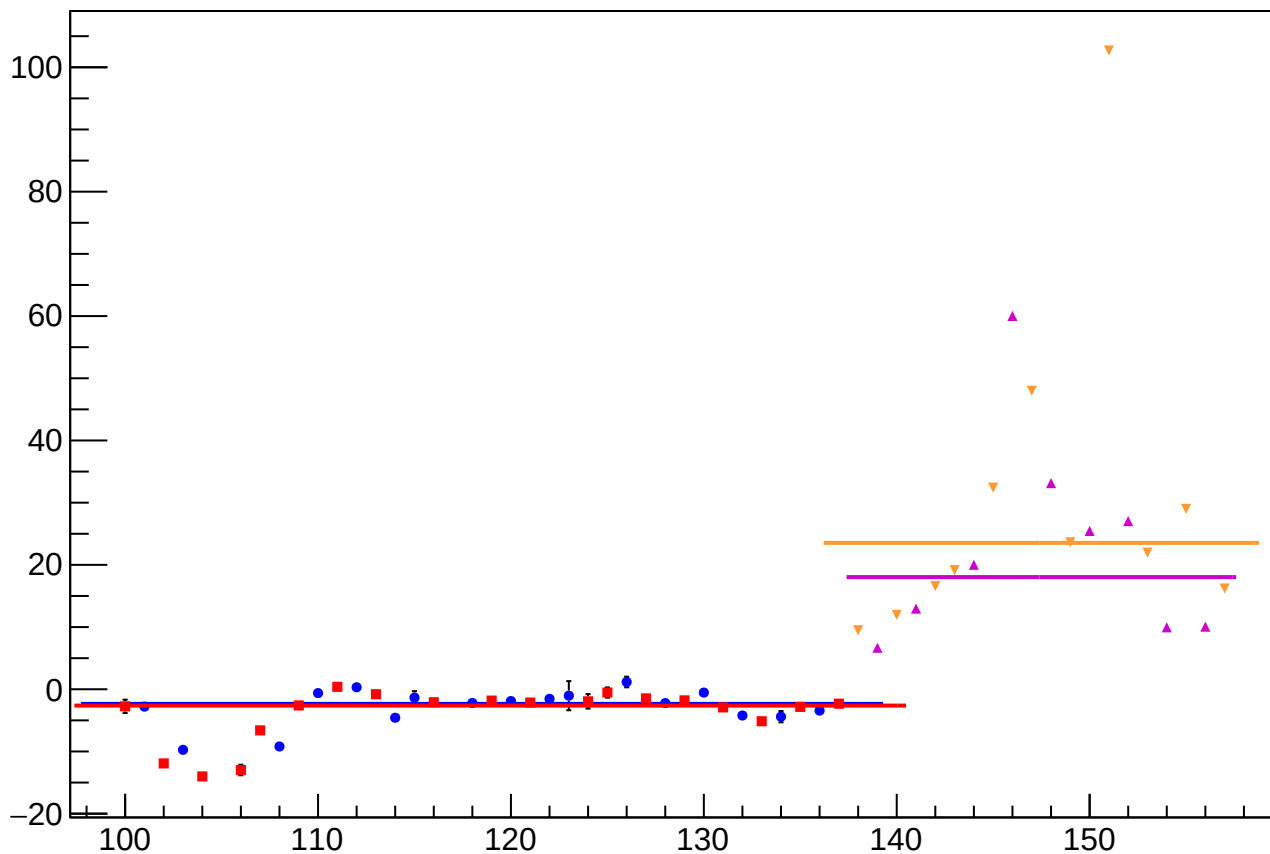
Left In: 1.043 $\pm$ 0.052 χ^2/NDF : 1006.4/8

+ sign 1.456 $\pm$ 0.043 χ^2/NDF : 2297.8/27

All: 1.257 $\pm$ 0.029 χ^2/NDF : 4262.4/55

- sign 1.092 $\pm$ 0.039 χ^2/NDF : 1925.7/27

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 23.540 ± 0.082 χ^2/NDF : 44732.9/10

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

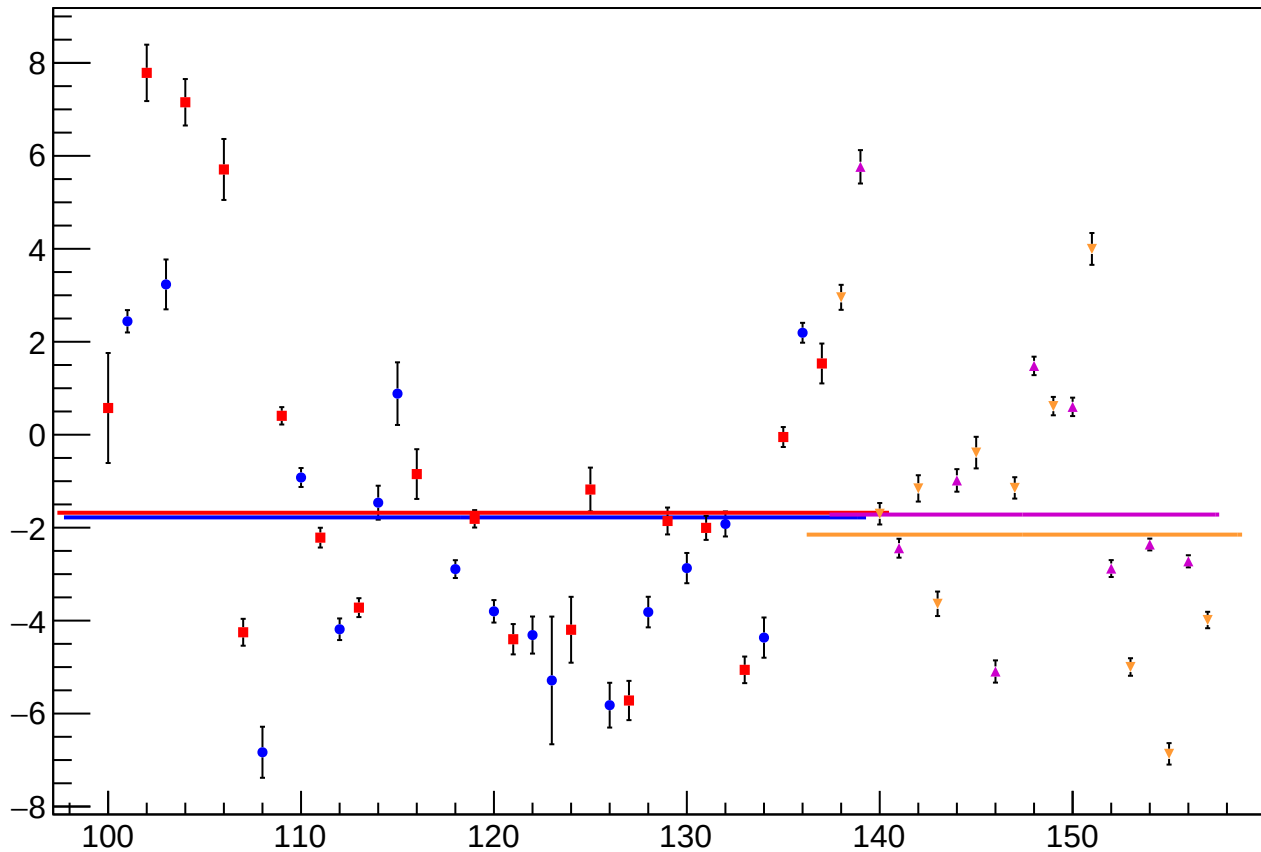
Left In: 18.035 ± 0.072 χ^2/NDF : 33234.6/8

+ sign 14.745 ± 0.067 χ^2/NDF : 79048.7/27

All: 12.828 ± 0.044 χ^2/NDF : 141657.0/55

- sign 11.335 ± 0.059 χ^2/NDF : 61135.9/27

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

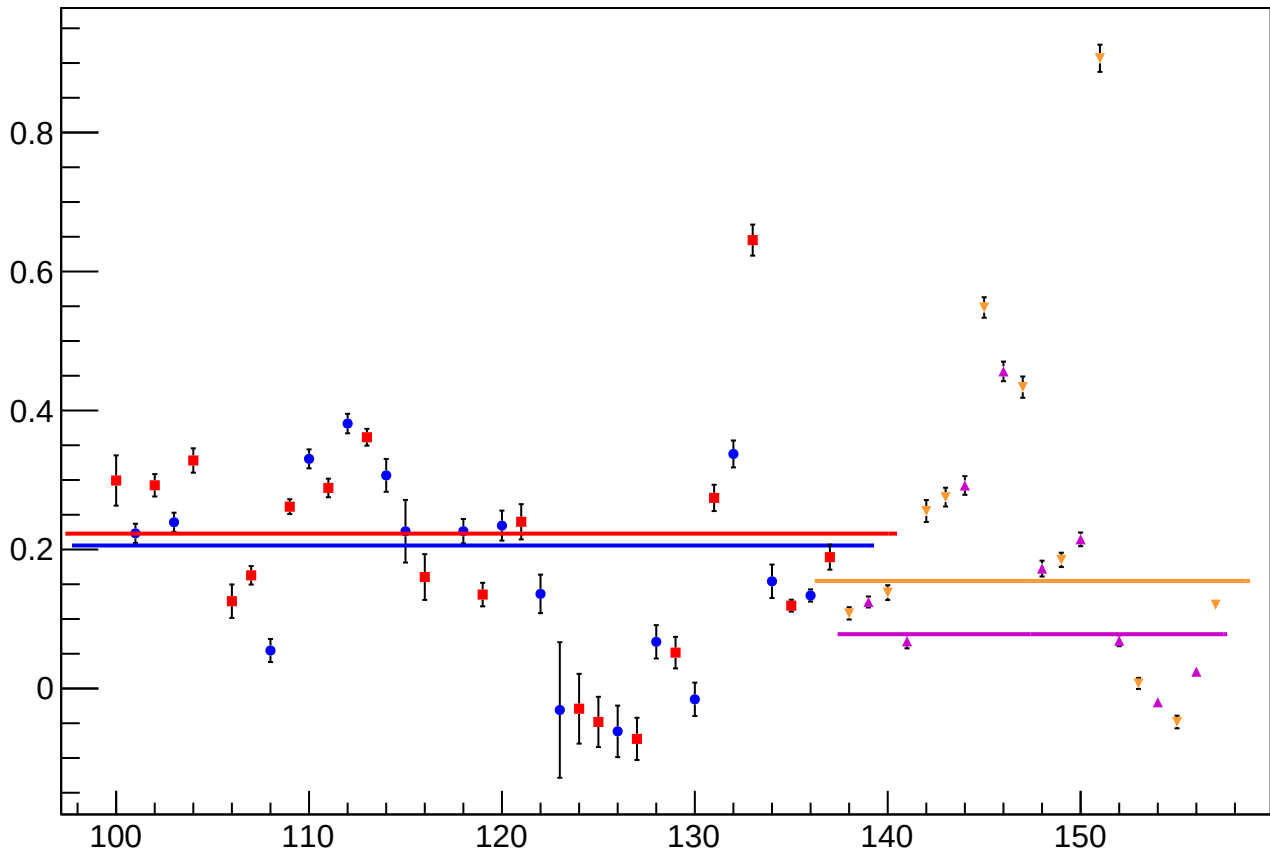
Left In: -1.718 ± 0.061 χ^2/NDF : 1177.3/8

+ sign -1.968 ± 0.051 χ^2/NDF : 3009.6/27

All: -1.820 ± 0.034 χ^2/NDF : 5632.1/55

- sign -1.701 ± 0.045 χ^2/NDF : 2607.0/27

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 $\pm$ 0.004 χ^2 /NDF: 651.8/16

Left Out: 0.155 $\pm$ 0.003 χ^2 /NDF:3538.4/10

Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1042.2/18

Left In: 0.078 $\pm$ 0.003 χ^2 /NDF:1733.2/8

+ sign 0.173 $\pm$ 0.003 χ^2 /NDF: 4283.2/27

All: 0.145 $\pm$ 0.002 χ^2 /NDF: 8245.7/55

- sign 0.124 $\pm$ 0.002 χ^2 /NDF: 3747.7/27