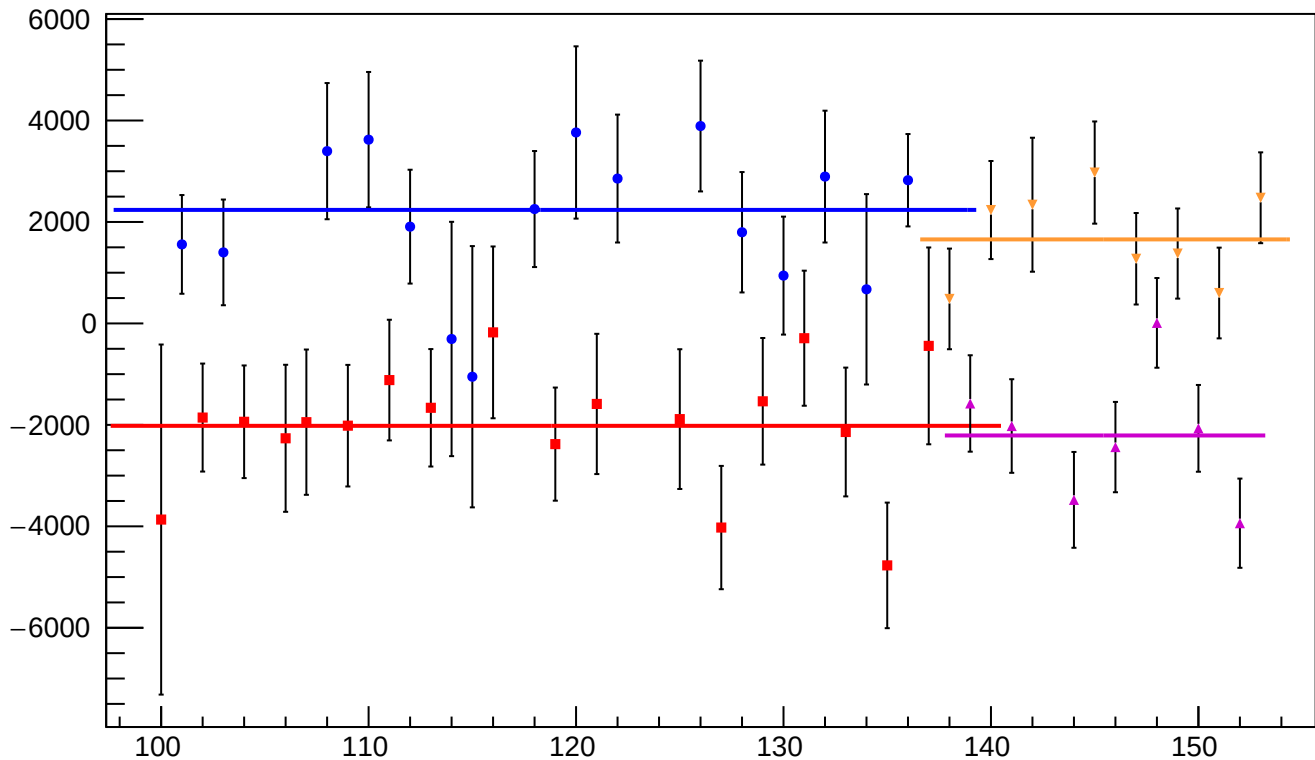


dit_asym_us_avg_mean vs Slug



Right In: 2237.929 ± 314.642

χ^2/NDF : 11.3/15

+ sign 1969.772 ± 231.006

χ^2/NDF : 19.1/23

Left Out: 1656.207 ± 340.241

χ^2/NDF : 6.2/7

All: -87.644 ± 162.523

χ^2/NDF : 201.5/48

Right Out: -2018.625 ± 308.362

χ^2/NDF : 12.6/17

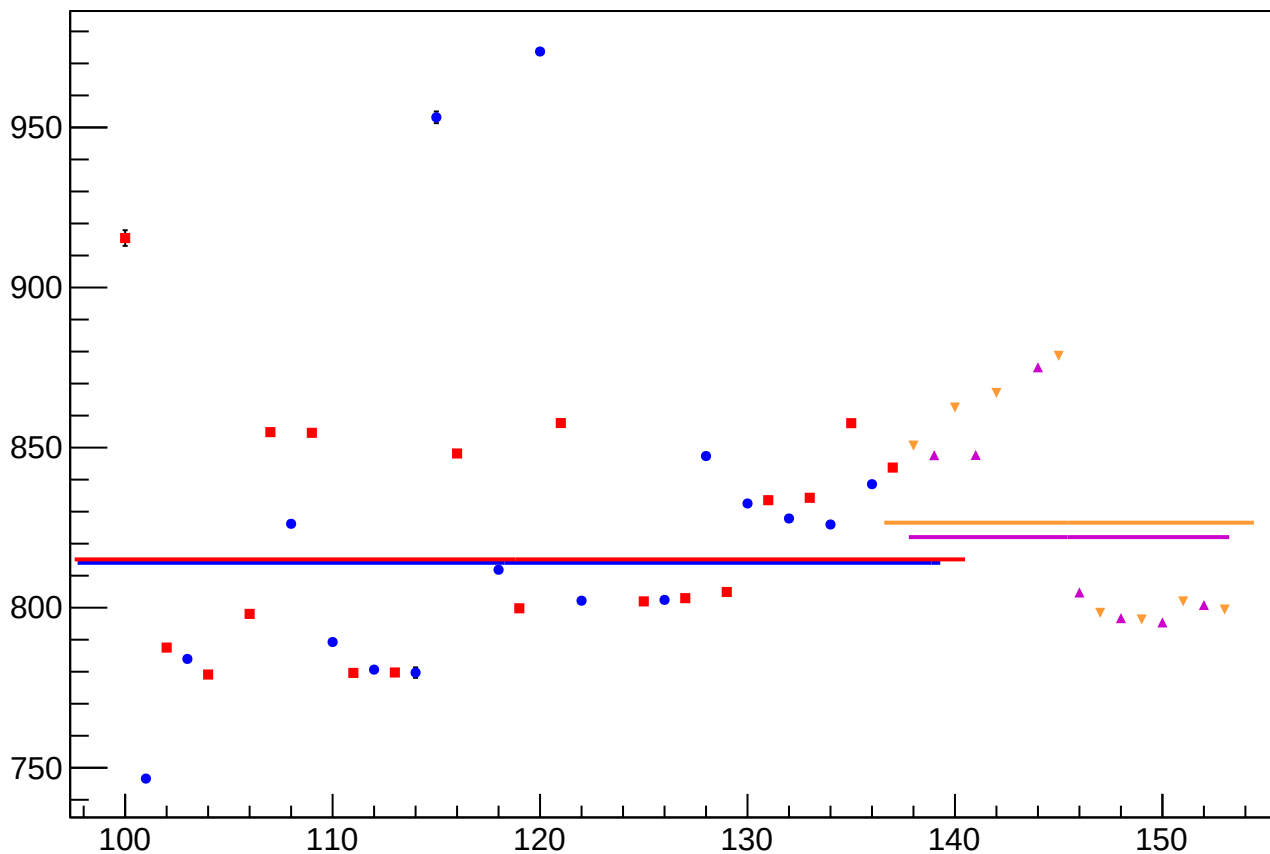
- sign -2104.121 ± 228.696

χ^2/NDF : 25.3/24

Left In: -2208.633 ± 340.935

χ^2/NDF : 12.5/6

dit_asym_us_avg_rms vs Slug



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

Left Out: 826.551+/-0.241 χ^2/NDF :18798.1/7

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

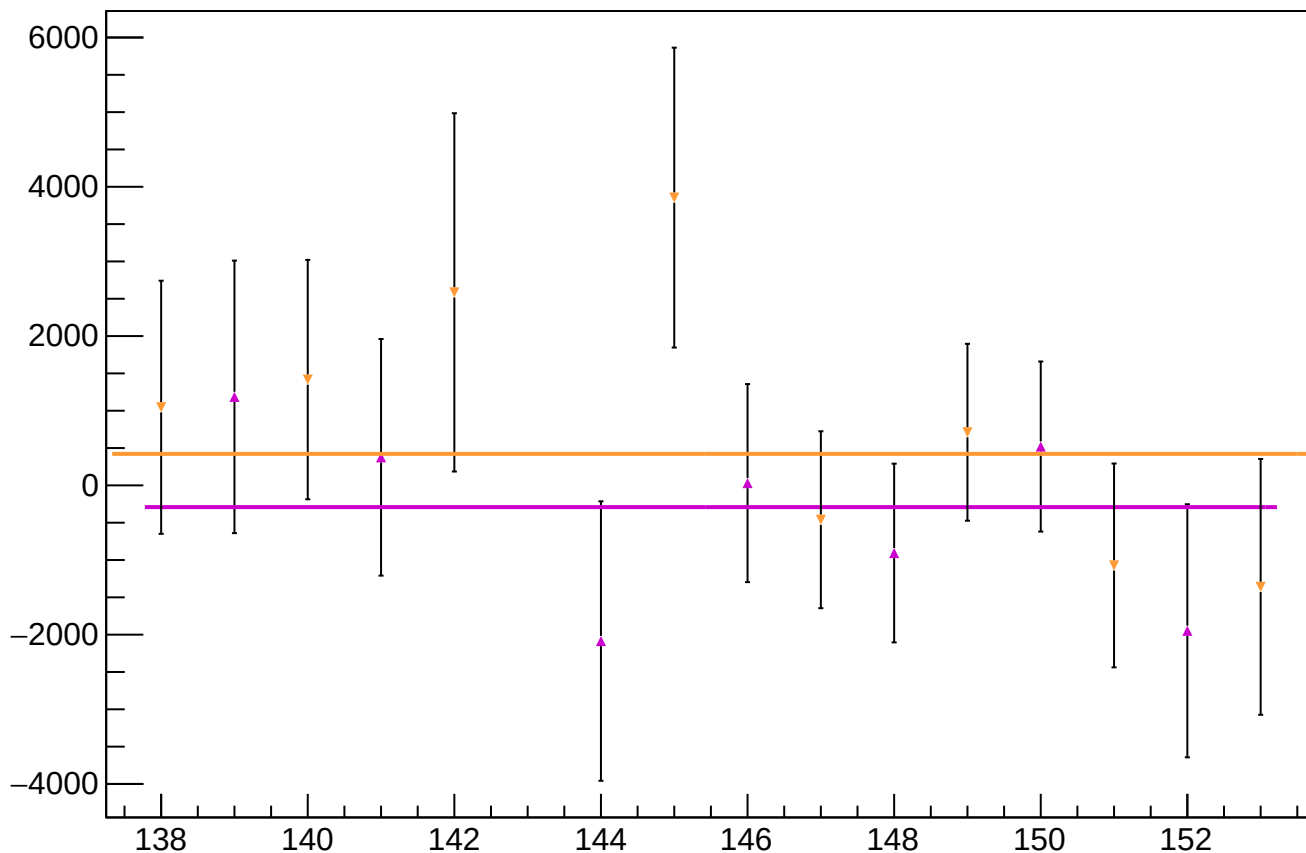
Left In: 822.042+/-0.241 χ^2/NDF :14800.9/6

+ sign 819.797+/-0.163 χ^2/NDF : 62301.7/23

All: 818.998+/-0.115 χ^2/NDF : 97567.4/48

- sign 818.215+/-0.162 χ^2/NDF : 35218.3/24

asym_us_avg_correction_mean vs Slug



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

Left Out: 421.970+/-537.630 χ^2/NDF : 7.1/7

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

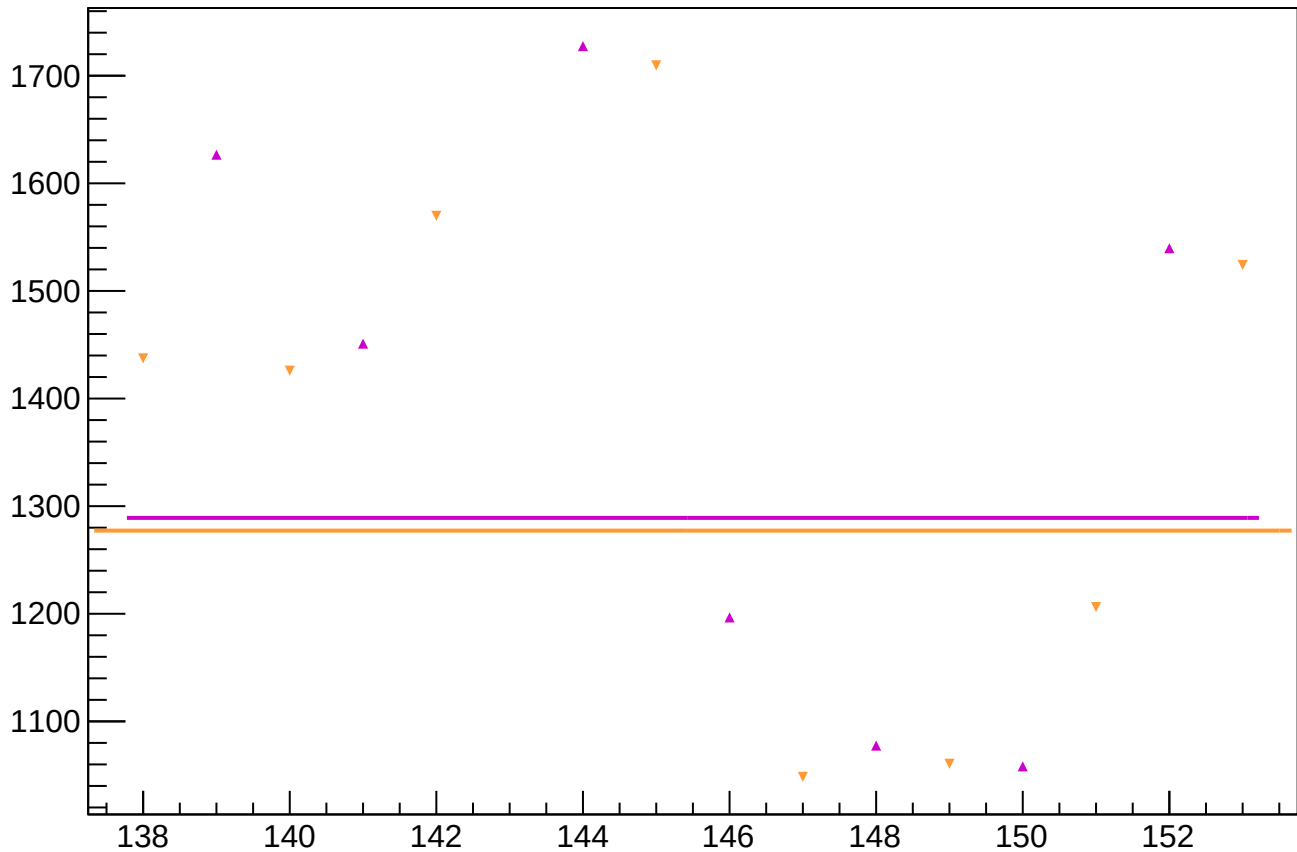
Left In: -291.477+/-544.922 χ^2/NDF : 3.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.052+/-382.714 χ^2/NDF : 11.6/14

- 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: 1277.285+/-0.380 χ^2/NDF : 345785.1/7

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

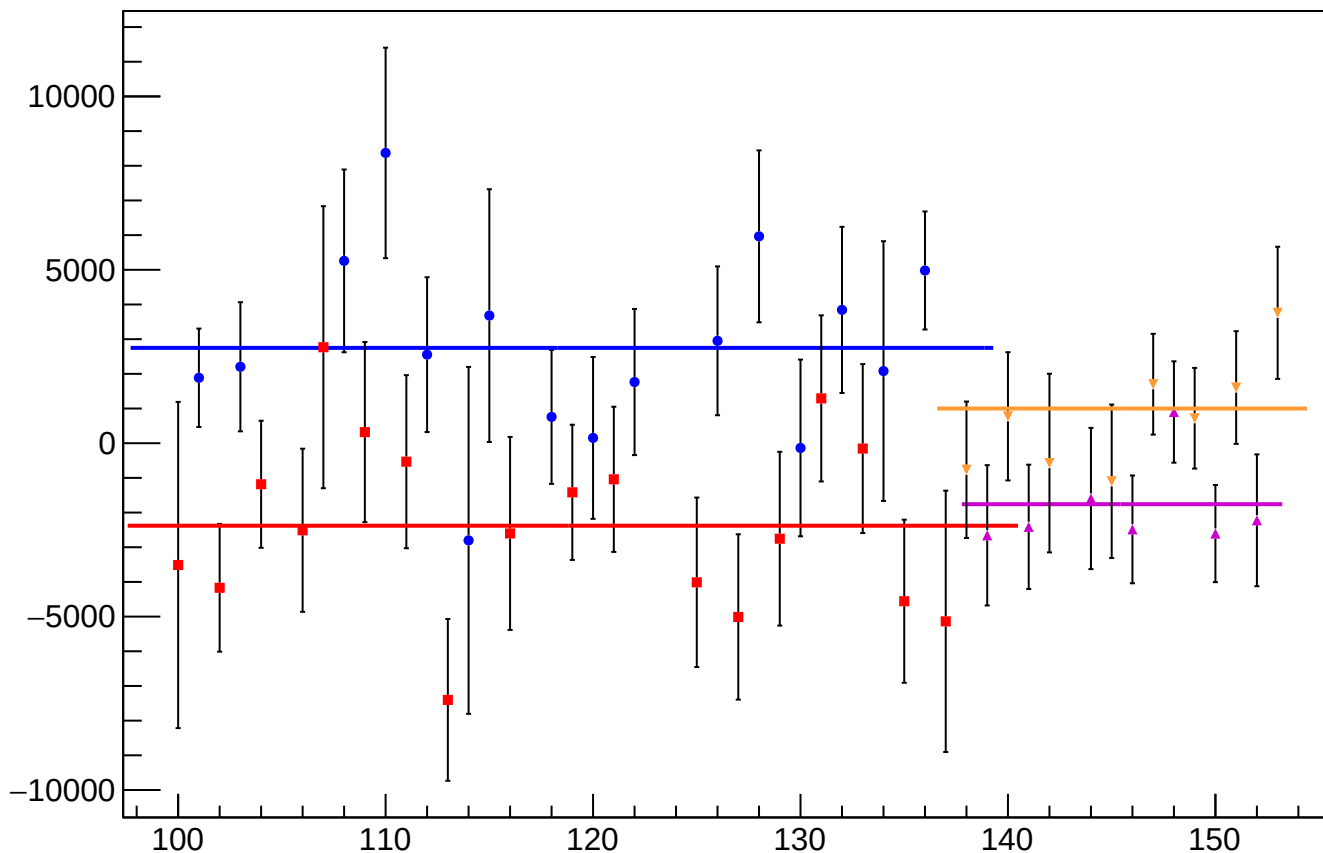
Left In: 1289.105+/-0.385 χ^2/NDF : 397015.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.115+/-0.271 χ^2/NDF : 743277.0/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



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

Left Out: 1000.390 ± 631.455 χ^2/NDF : 4.6/7

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

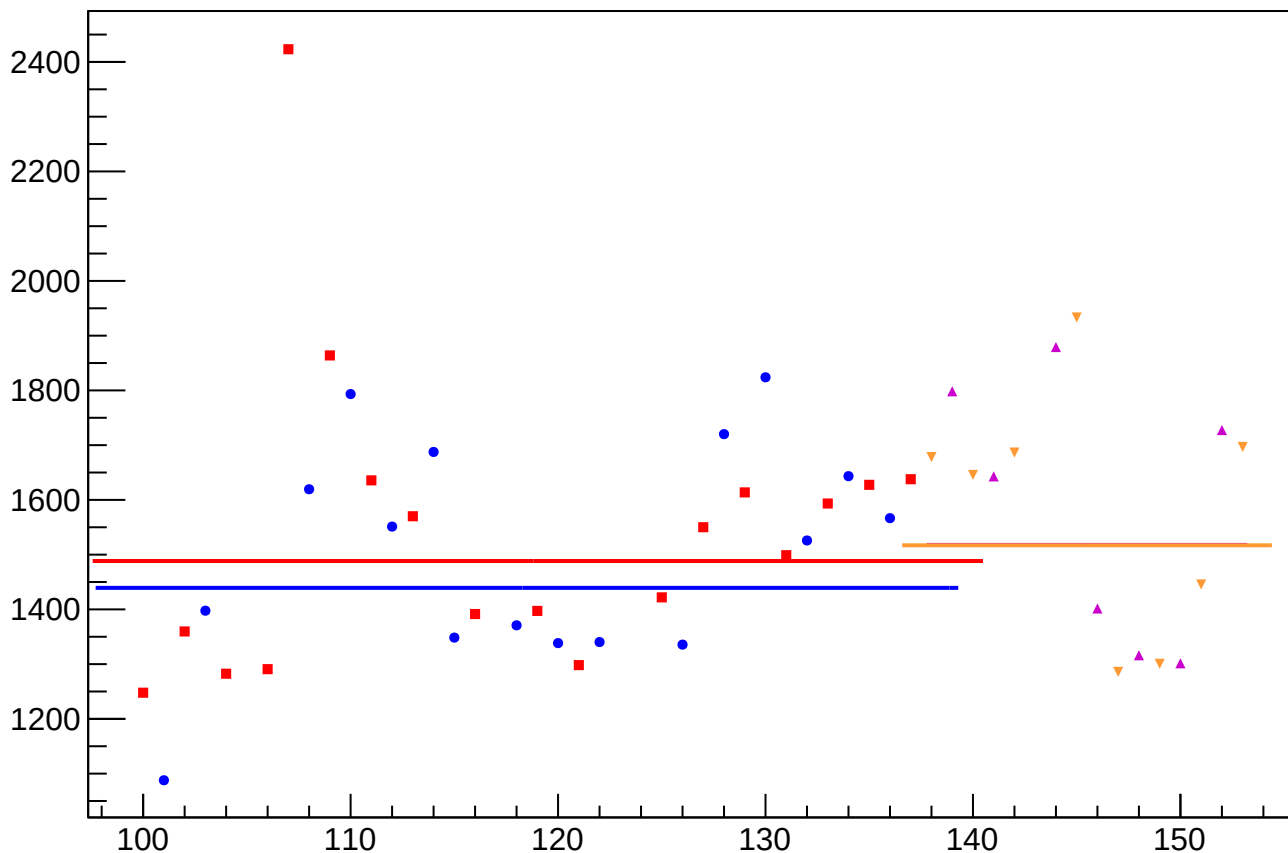
Left In: -1758.458 ± 636.912 χ^2/NDF : 4.3/6

+ sign 1974.543 ± 420.203 χ^2/NDF : 22.4/23

All: -44.784 ± 298.572 χ^2/NDF : 90.1/48

- sign -2103.833 ± 424.316 χ^2/NDF : 21.0/24

asym_us_avg_rms vs Slug



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

Left Out: 1517.049+/-0.447 χ^2/NDF : 219207.7/7

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

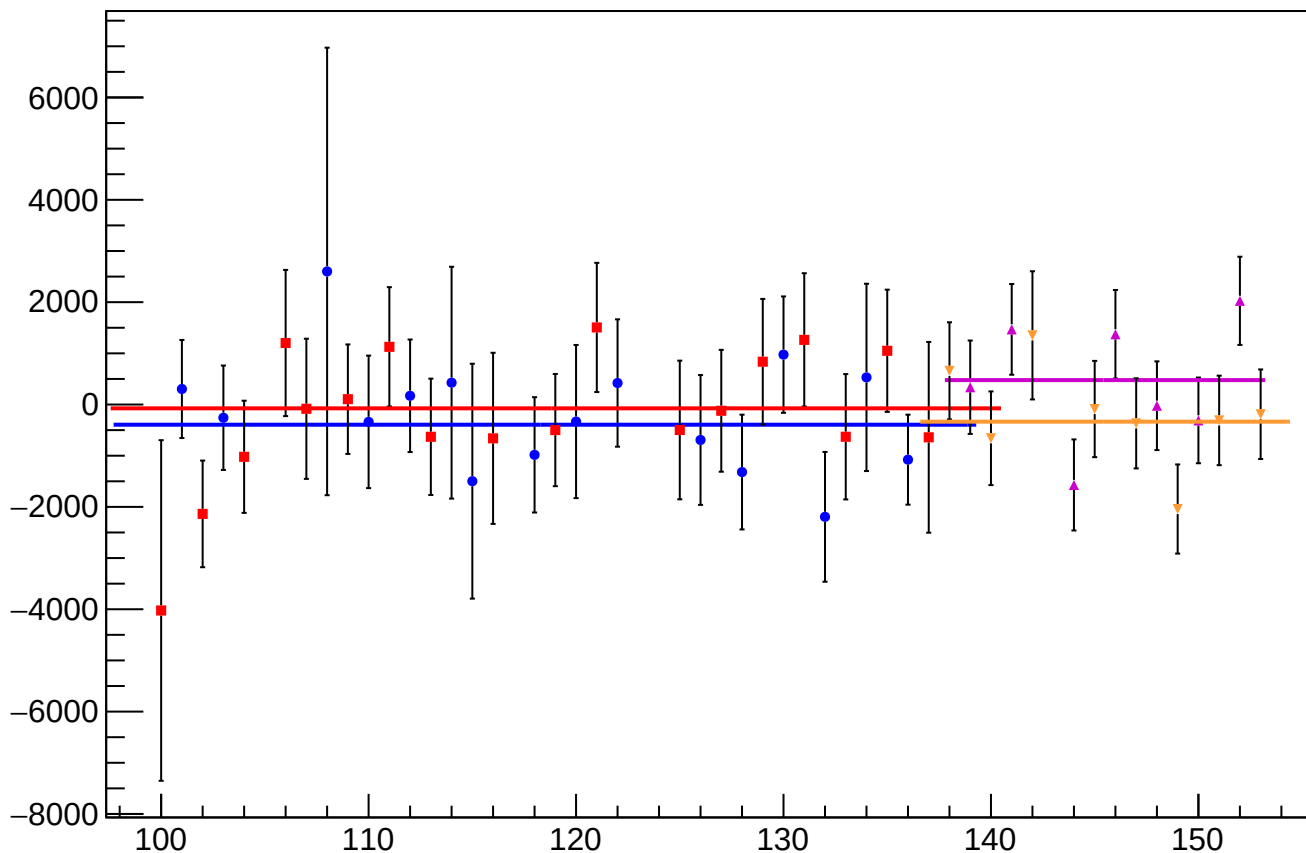
Left In: 1517.803+/-0.450 χ^2/NDF : 232455.2/6

+ sign 1473.747+/-0.297 χ^2/NDF : 513948.2/23

All: 1487.459+/-0.211 χ^2/NDF : 1009402.7/48

- sign 1501.441+/-0.300 χ^2/NDF : 491153.2/24

dit_asym_us_dd_mean vs Slug



Right In: -394.364 ± 313.174 $\chi^2/\text{NDF}: 7.4/15$

Left Out: -334.884 ± 328.015 $\chi^2/\text{NDF}: 7.0/7$

Right Out: -74.289 ± 298.398 $\chi^2/\text{NDF}: 12.9/17$

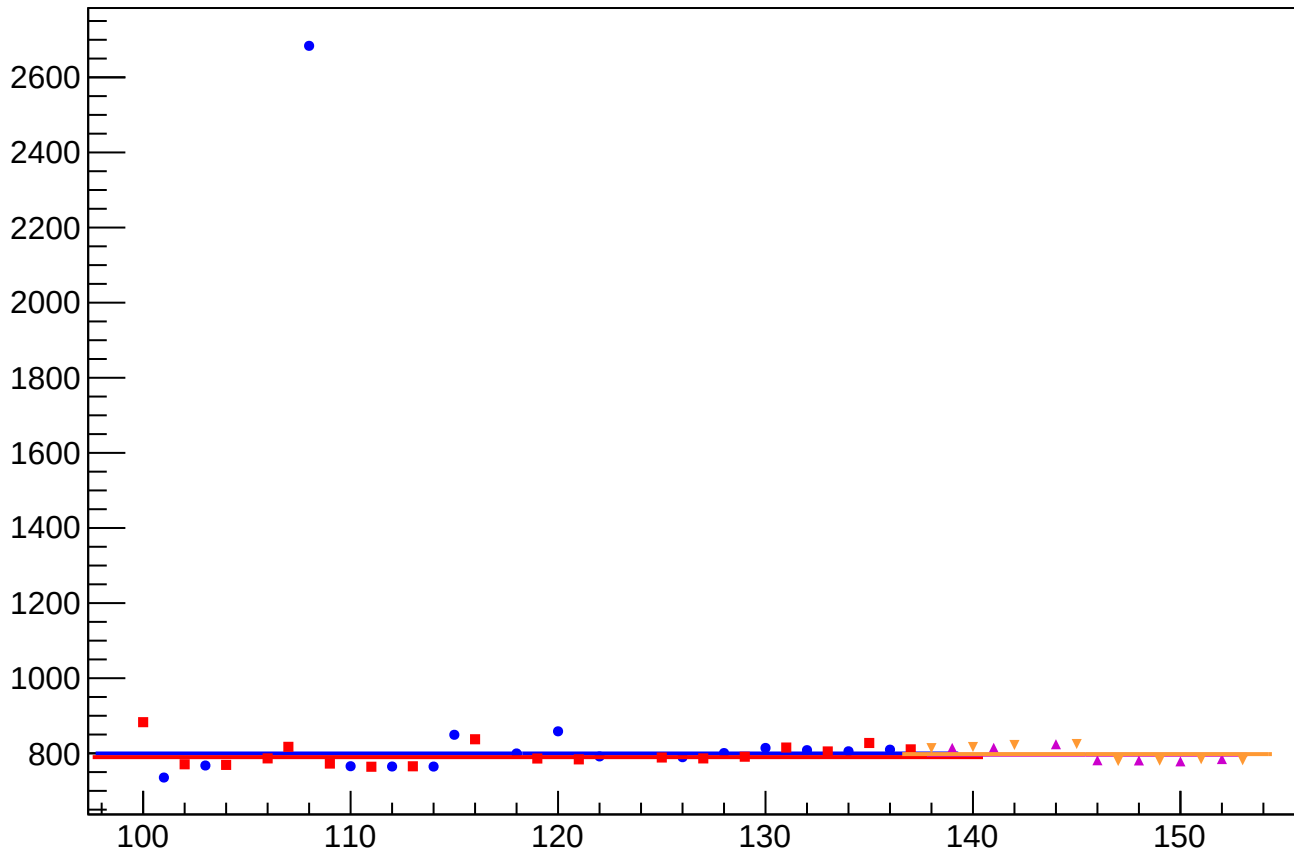
Left In: 477.317 ± 330.067 $\chi^2/\text{NDF}: 12.1/6$

+ sign -366.000 ± 226.512 $\chi^2/\text{NDF}: 14.4/23$

All: -89.885 ± 158.312 $\chi^2/\text{NDF}: 43.9/48$

- sign 173.789 ± 221.351 $\chi^2/\text{NDF}: 26.6/24$

dit_asym_us_dd_rms vs Slug



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

Left Out: 797.877 $\pm$ 0.232 χ^2 /NDF: 6677.5/7

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

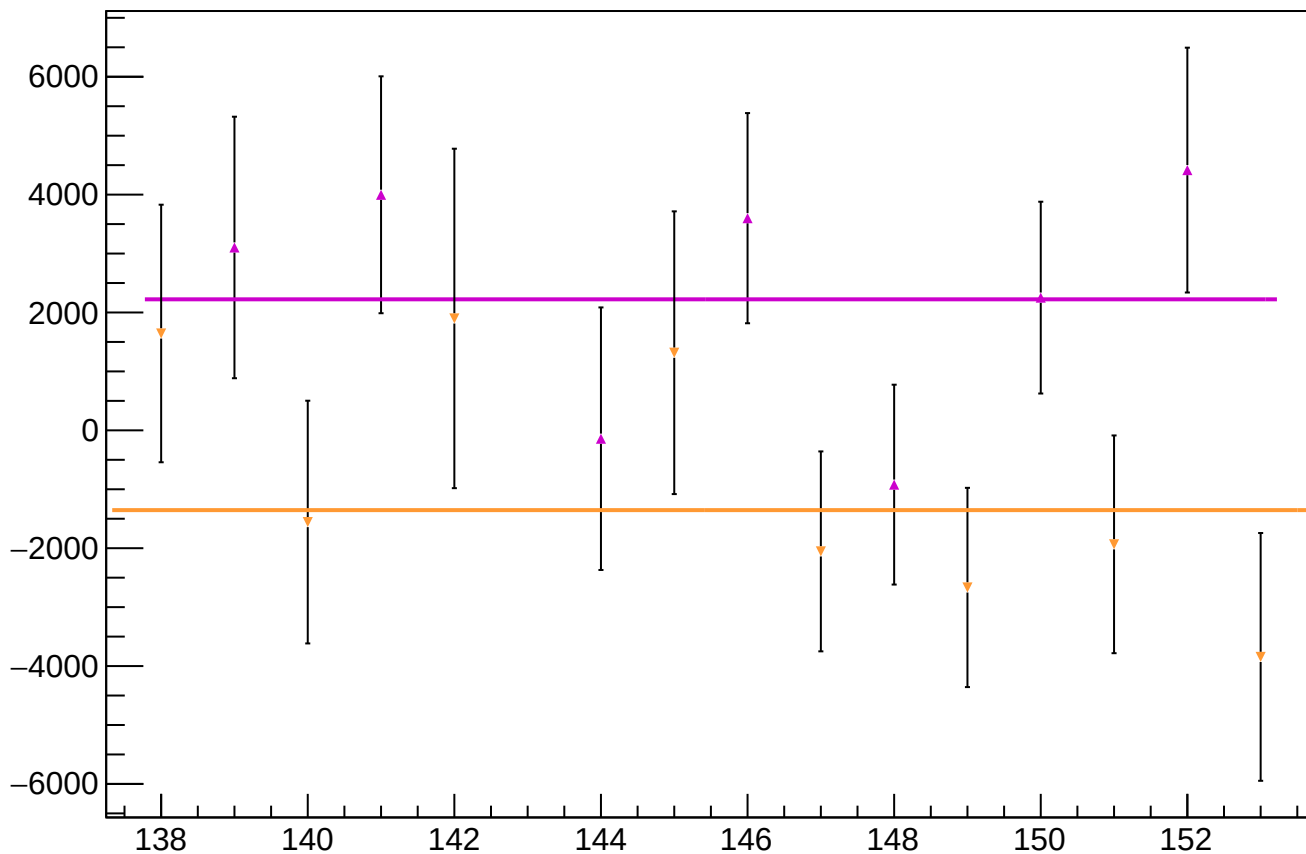
Left In: 796.277 $\pm$ 0.233 χ^2 /NDF: 6067.2/6

+ sign 798.746 $\pm$ 0.160 χ^2 /NDF: 397890.2/23

All: 795.658 $\pm$ 0.112 χ^2 /NDF: 416283.4/48

- sign 792.710 $\pm$ 0.157 χ^2 /NDF: 17666.7/24

asym_us_dd_correction_mean vs Slug



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

Left Out: -1353.799+/-714.976 χ^2/NDF : 6.7/7

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

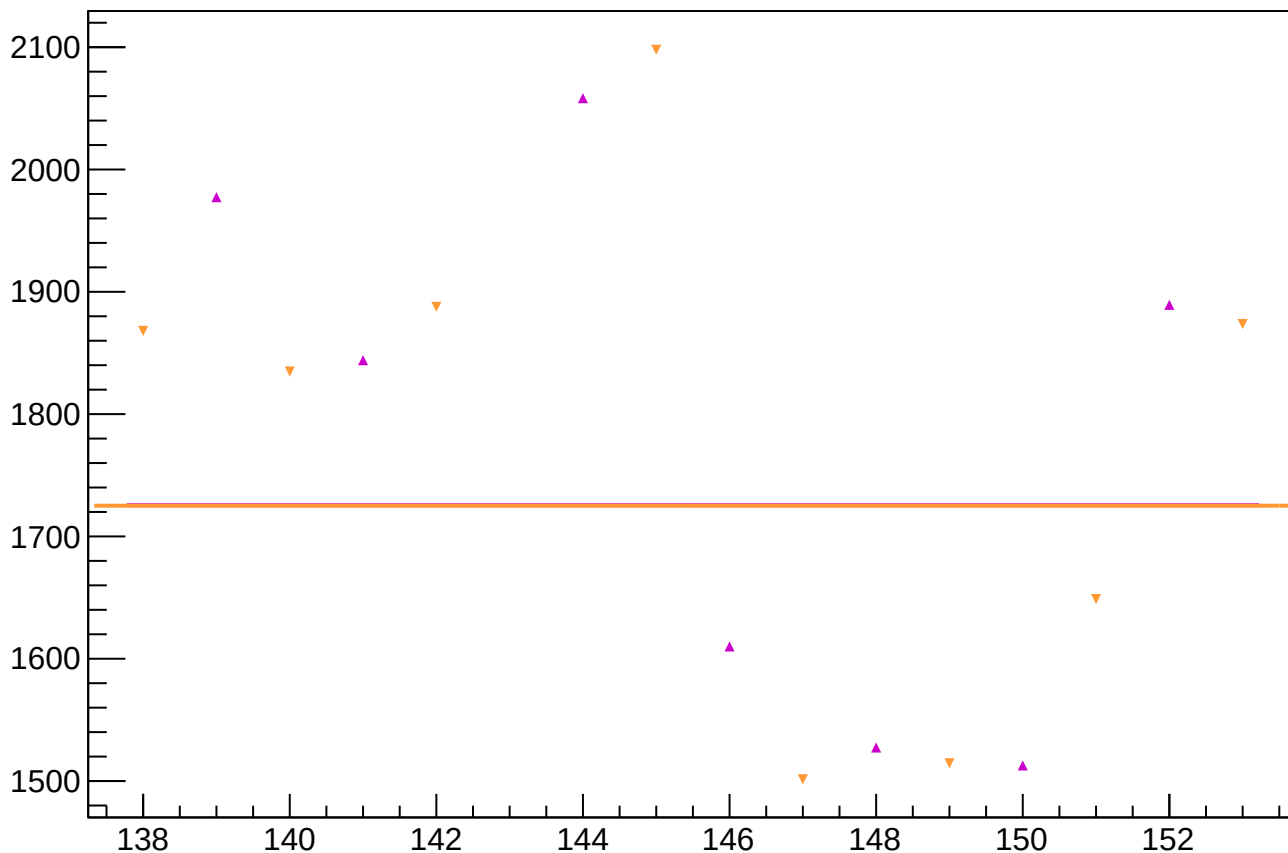
Left In: 2223.182+/-720.989 χ^2/NDF : 7.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.715+/-507.677 χ^2/NDF : 26.3/14

- 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: 1725.108+/-0.506 χ^2/NDF :148120.2/7

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

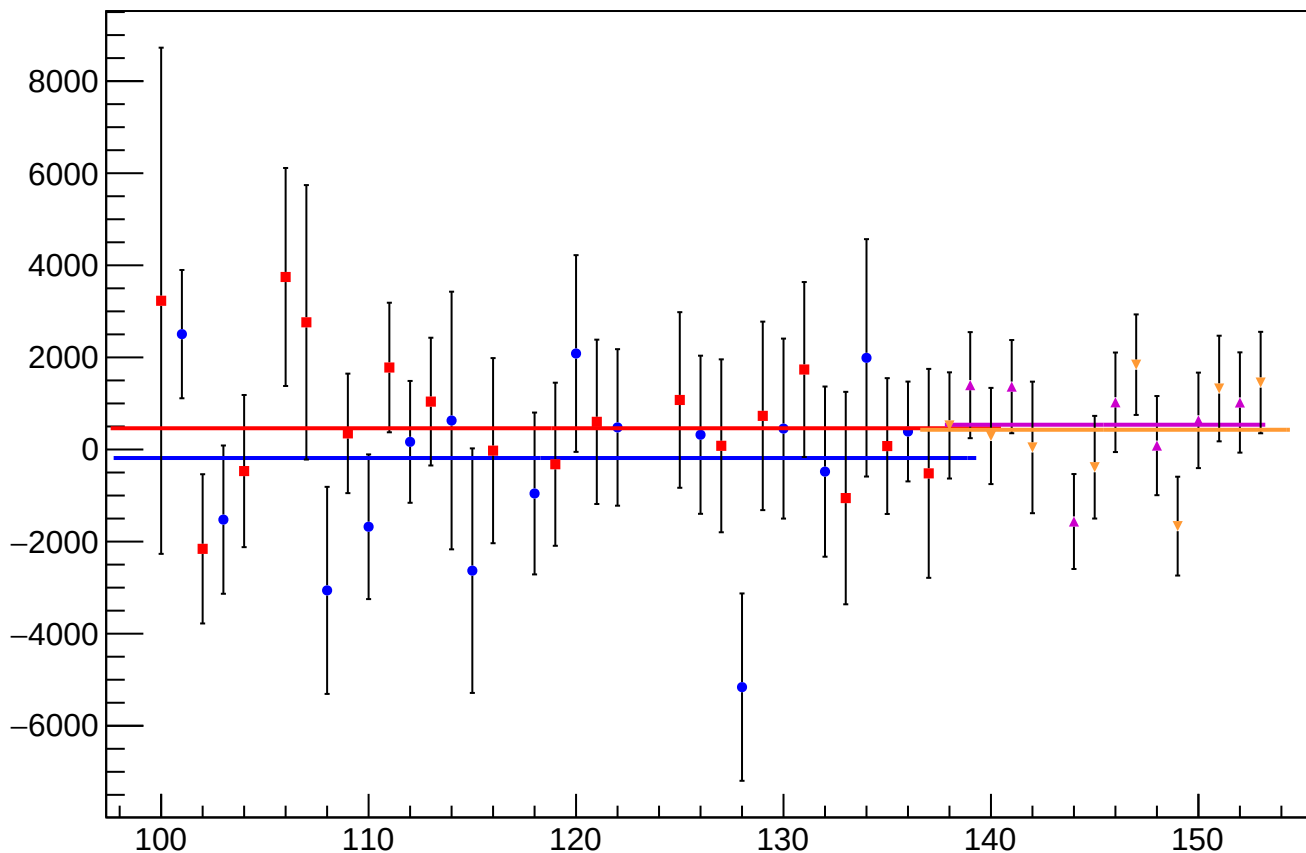
Left In: 1725.520+/-0.510 χ^2/NDF :159671.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.313+/-0.359 χ^2/NDF : 307791.8/14

- 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: 428.410+/-399.855 χ^2/NDF : 7.6/7

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

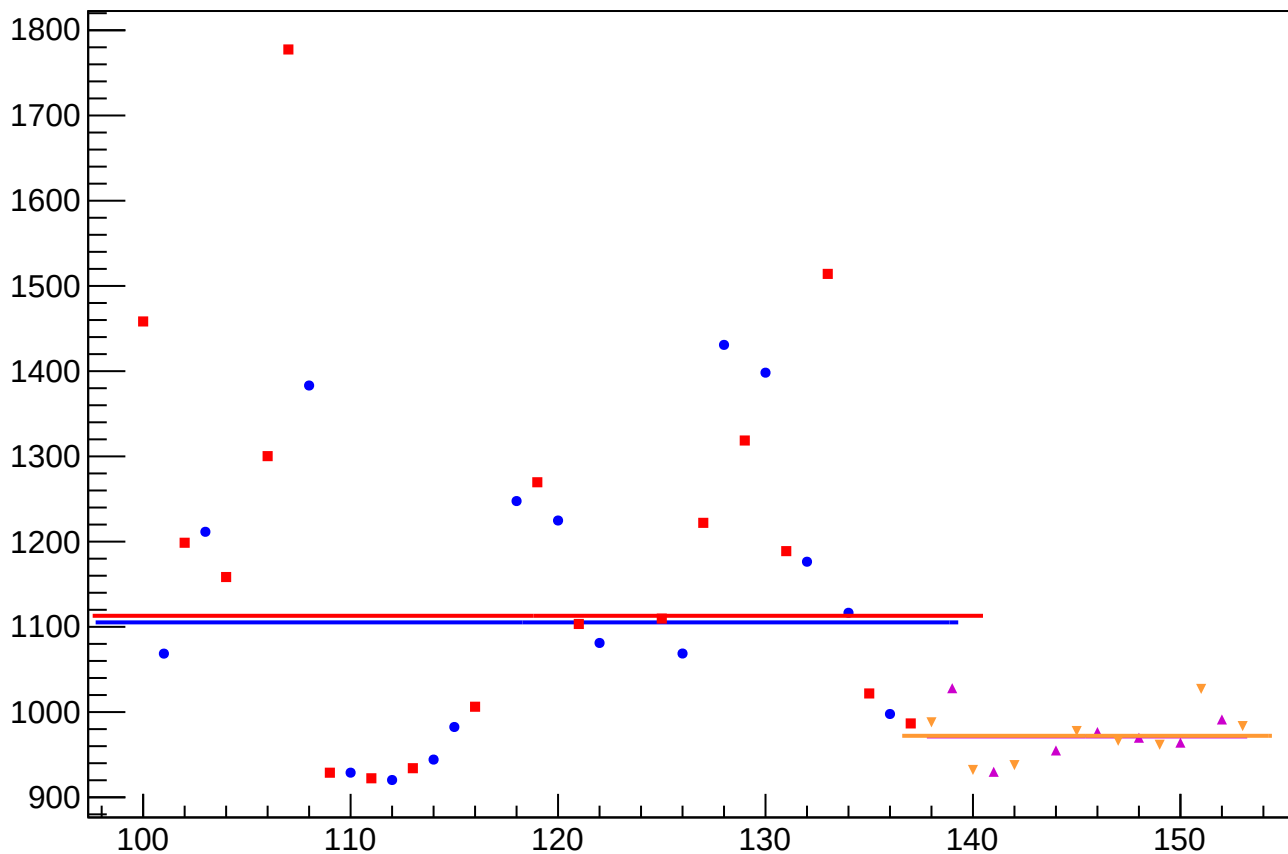
Left In: 537.888+/-402.799 χ^2/NDF : 6.0/6

+ sign 144.991+/-293.288 χ^2/NDF : 25.3/23

All: 323.583+/-207.277 χ^2/NDF : 40.4/48

- sign 501.797+/-292.979 χ^2/NDF : 14.3/24

asym_us_dd_rms vs Slug



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

Left Out: 972.158 $\pm$ 0.283 χ^2 /NDF: 9593.3/7

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

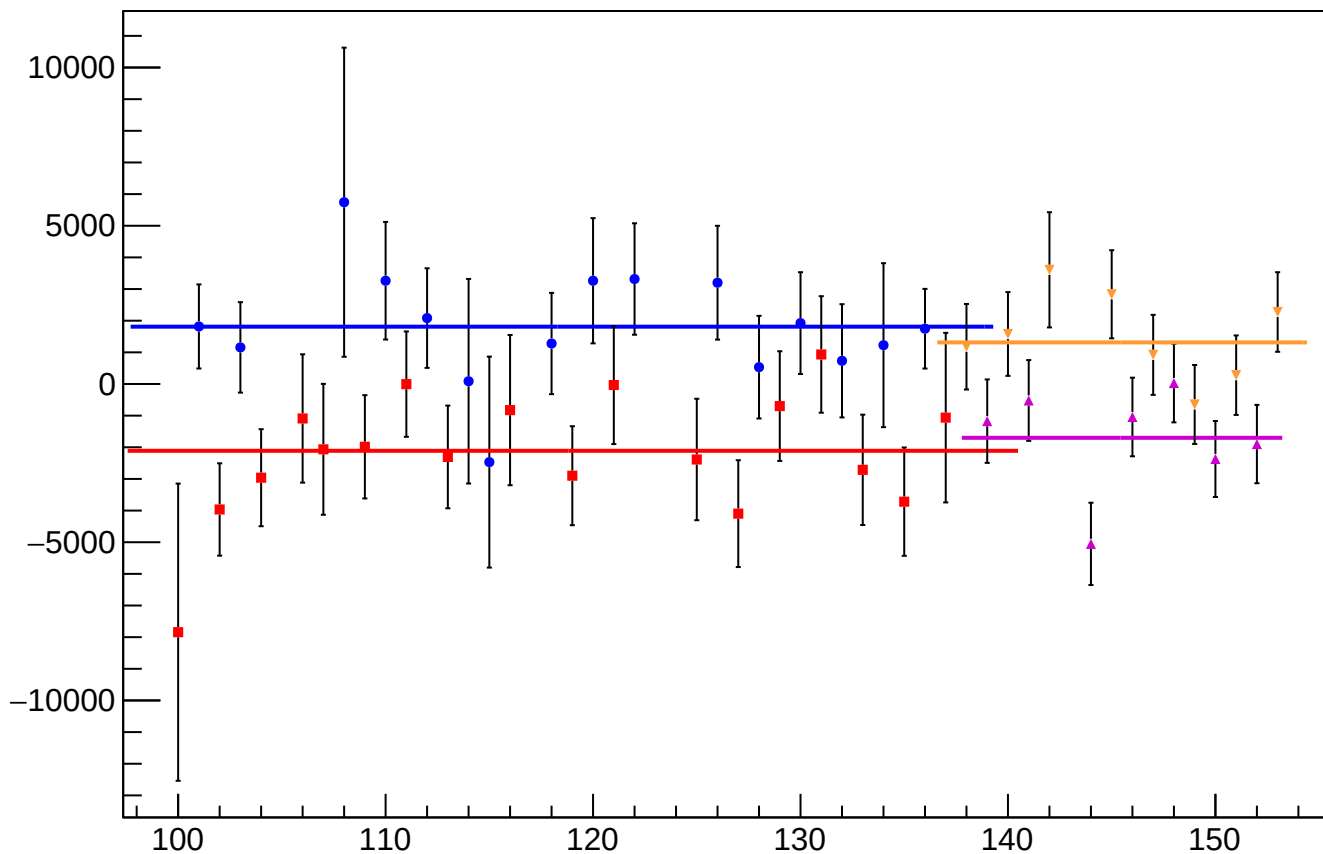
Left In: 971.404 $\pm$ 0.285 χ^2 /NDF: 9514.5/6

+ sign 1033.640 $\pm$ 0.207 χ^2 /NDF: 367305.6/23

All: 1035.861 $\pm$ 0.147 χ^2 /NDF: 856395.9/48

- sign 1038.077 $\pm$ 0.207 χ^2 /NDF: 488861.2/24

dit_asym_usl_mean vs Slug



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

Left Out: 1313.662 $\pm$ 472.951 χ^2 /NDF: 6.7/7

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

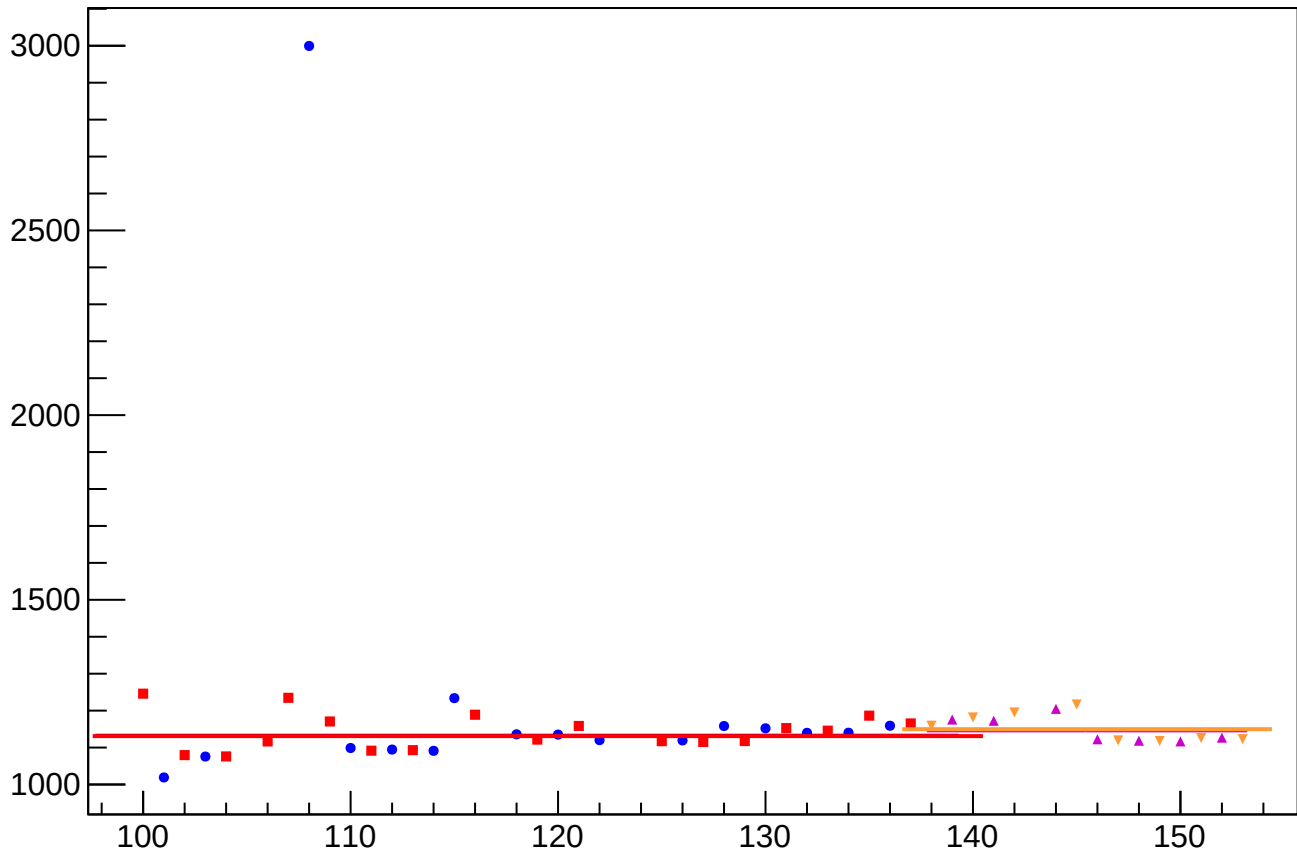
Left In: -1700.349 $\pm$ 475.403 χ^2 /NDF: 10.2/6

+ sign 1579.085 $\pm$ 322.984 χ^2 /NDF: 13.7/23

All: -201.650 $\pm$ 226.584 χ^2 /NDF: 97.2/48

- sign -1927.318 $\pm$ 317.951 χ^2 /NDF: 23.7/24

dit_asym_usl_rms vs Slug



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

Left Out: 1149.719 $\pm$ 0.334 χ^2 /NDF: 11198.8/7

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

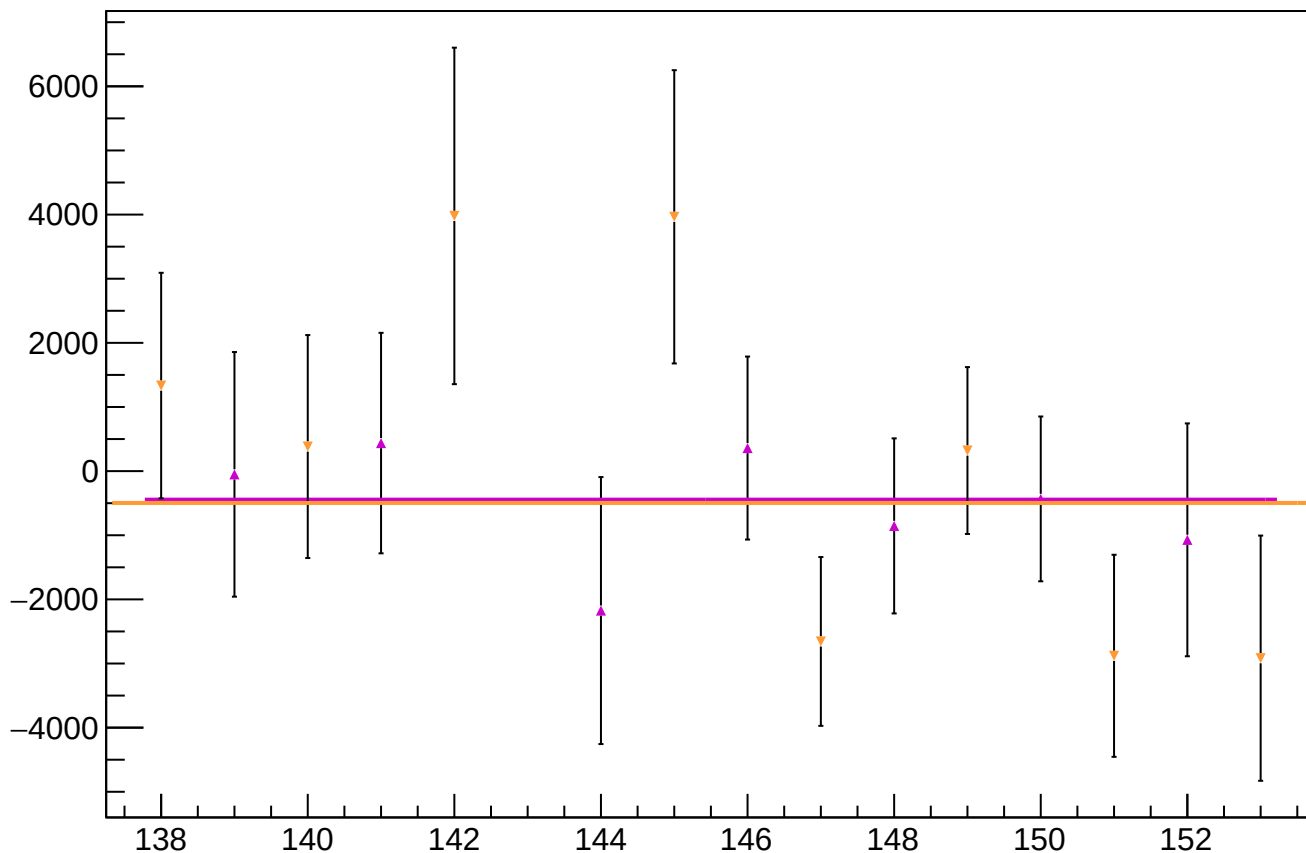
Left In: 1146.568 $\pm$ 0.336 χ^2 /NDF: 9351.4/6

+ sign 1140.303 $\pm$ 0.228 χ^2 /NDF: 328710.4/23

All: 1139.119 $\pm$ 0.160 χ^2 /NDF: 359016.7/48

- sign 1137.972 $\pm$ 0.225 χ^2 /NDF: 30253.3/24

asym_usl_correction_mean vs Slug



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

Left Out: -496.323 $\pm$ 593.853 χ^2 /NDF:15.0/7

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

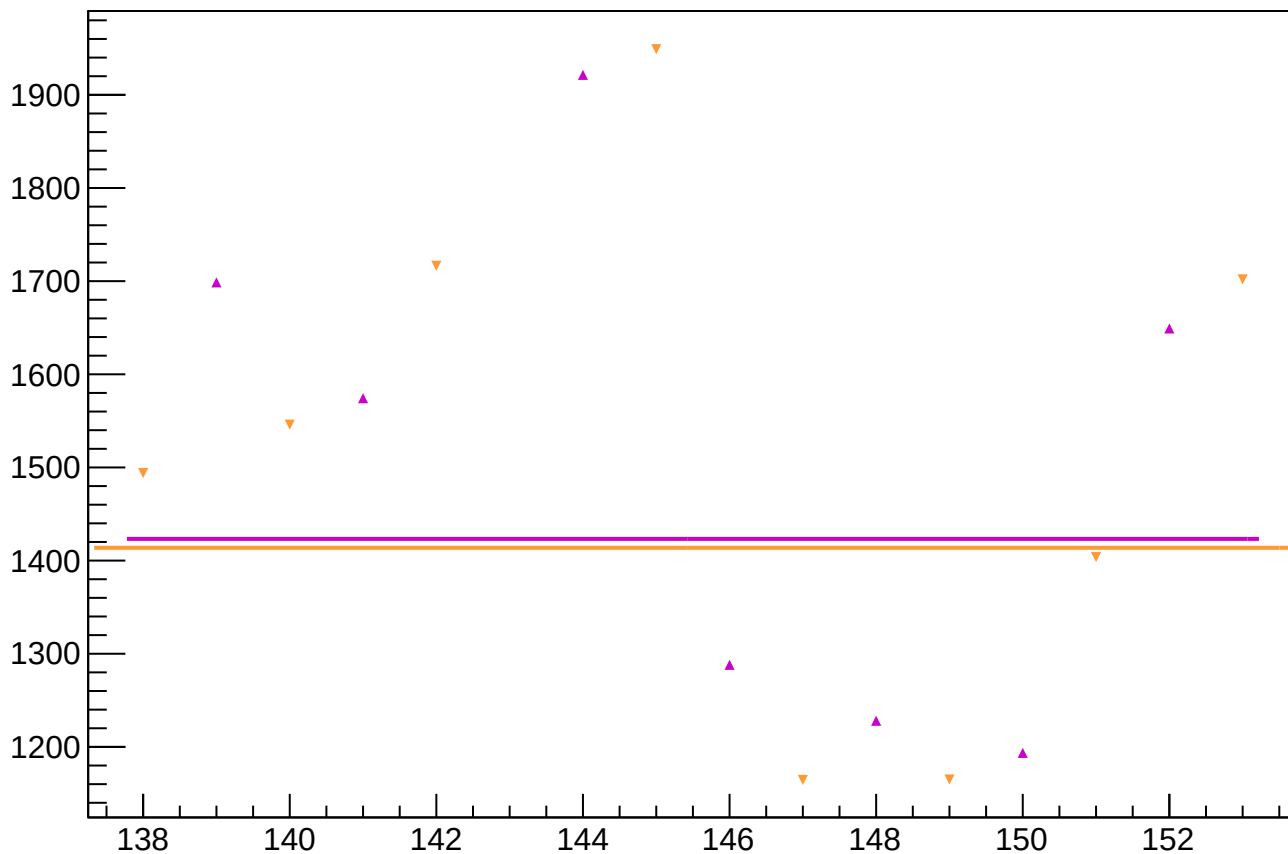
Left In: -444.878 $\pm$ 599.607 χ^2 /NDF:1.5/6

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

All: -470.849 $\pm$ 421.937 χ^2 /NDF: 16.6/14

- sign 0.000 $\pm$ 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: 1413.751+/-0.420 χ^2/NDF : 342352.7/7

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

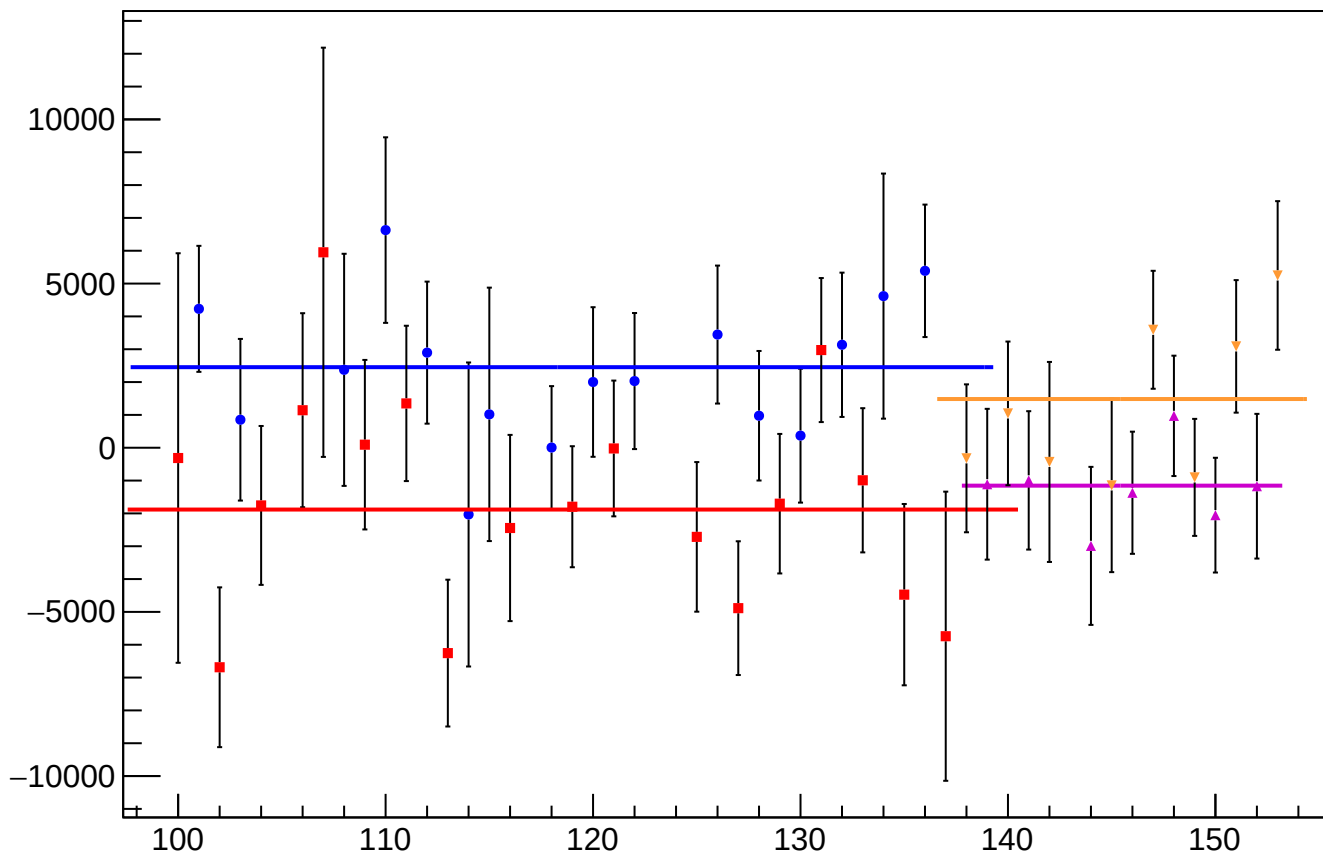
Left In: 1423.299+/-0.424 χ^2/NDF : 325487.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.479+/-0.298 χ^2/NDF : 668096.1/14

- 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: 1483.502 $\pm$ 761.951 χ^2 /NDF:8.6/7

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

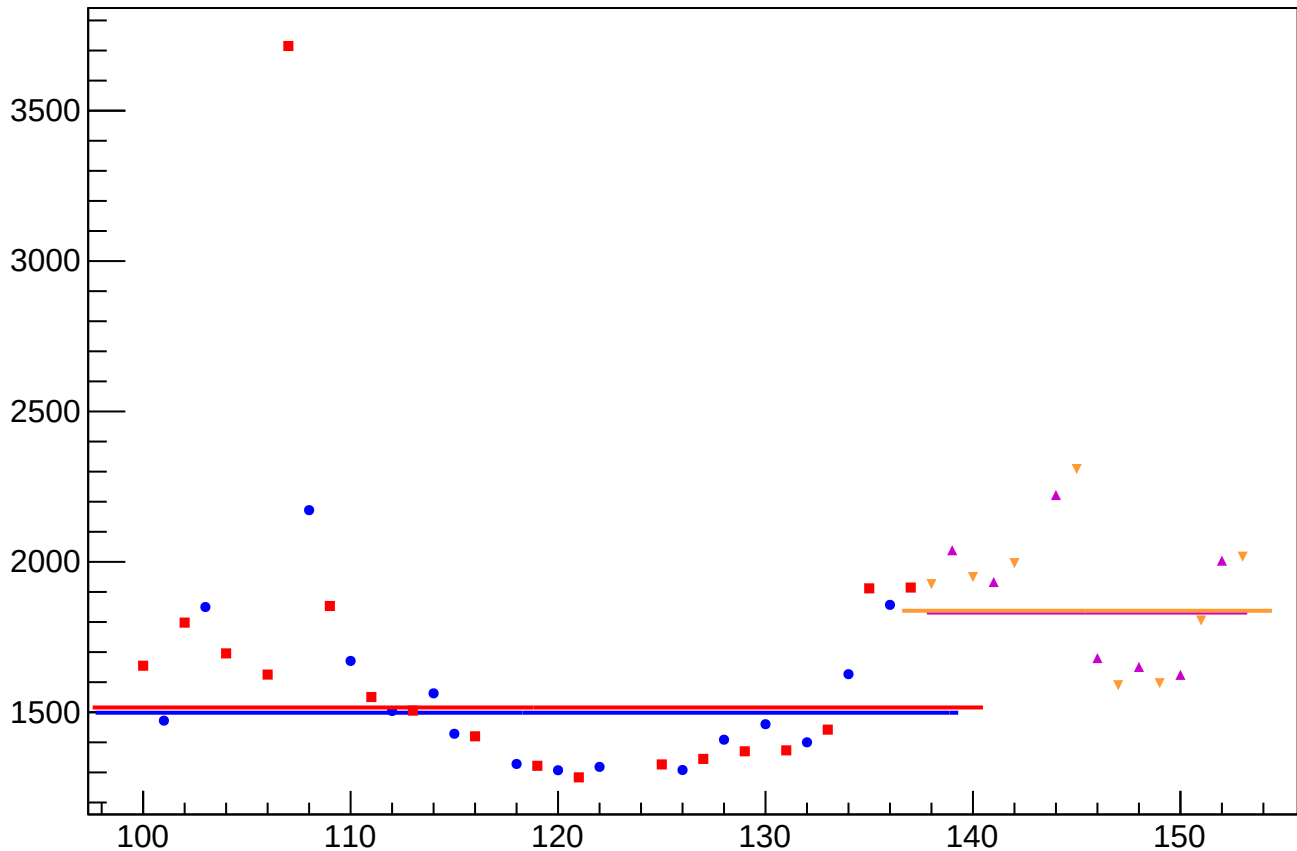
Left In: -1154.799 $\pm$ 765.293 χ^2 /NDF:2.2/6

+ sign 2094.413 $\pm$ 463.667 χ^2 /NDF: 20.4/23

All: 240.297 $\pm$ 327.928 χ^2 /NDF: 77.9/48

- sign -1615.322 $\pm$ 463.855 χ^2 /NDF: 25.5/24

asym_usl_rms vs Slug



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

Left Out: 1837.477+/-0.539 χ^2/NDF : 165045.3/7

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

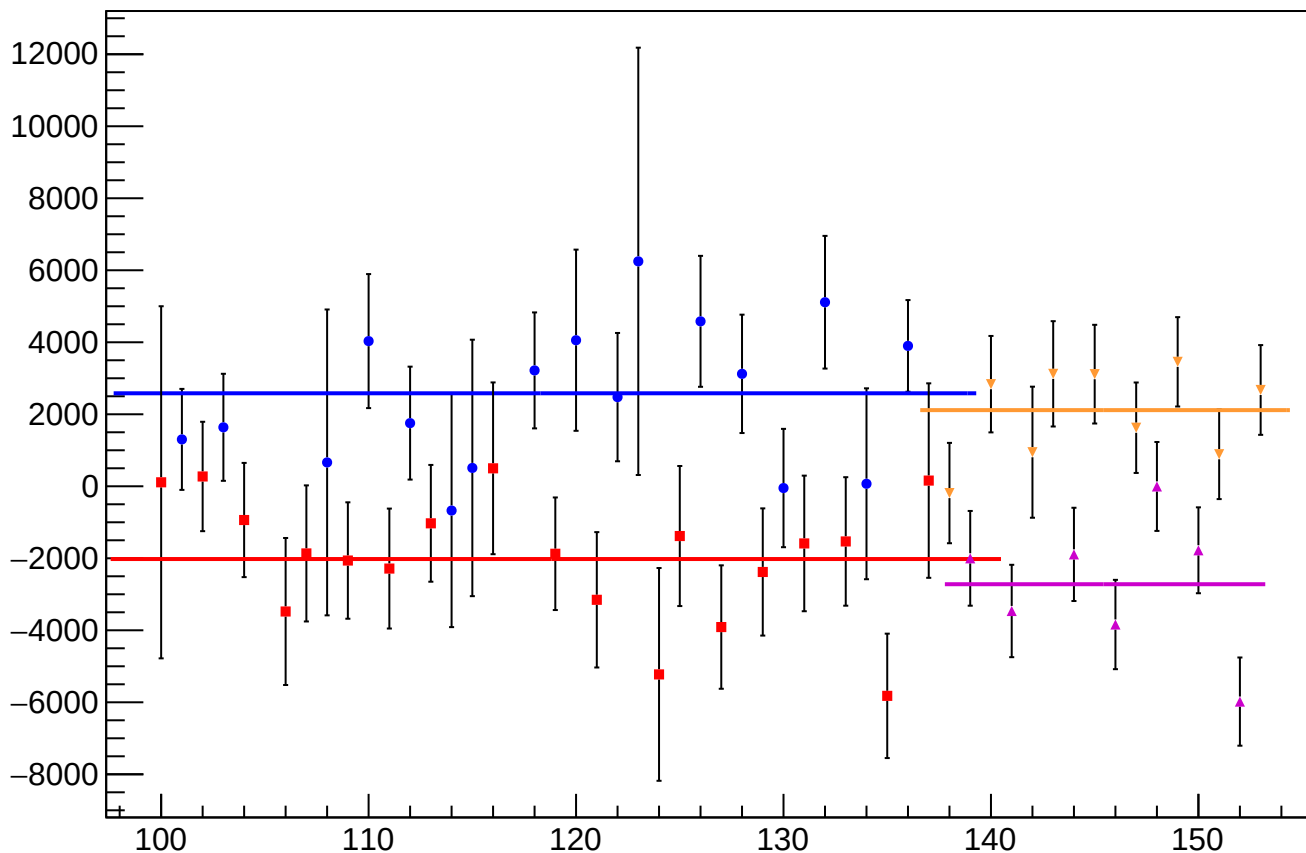
Left In: 1831.428+/-0.541 χ^2/NDF : 146732.7/6

+ sign 1624.015+/-0.328 χ^2/NDF : 673131.7/23

All: 1627.930+/-0.232 χ^2/NDF : 1515703.2/48

- sign 1631.848+/-0.328 χ^2/NDF : 842286.2/24

dit_asym_usr_mean vs Slug



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

Left Out: 2115.116 $\pm$ 449.728 χ^2 /NDF: 6.9/8

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

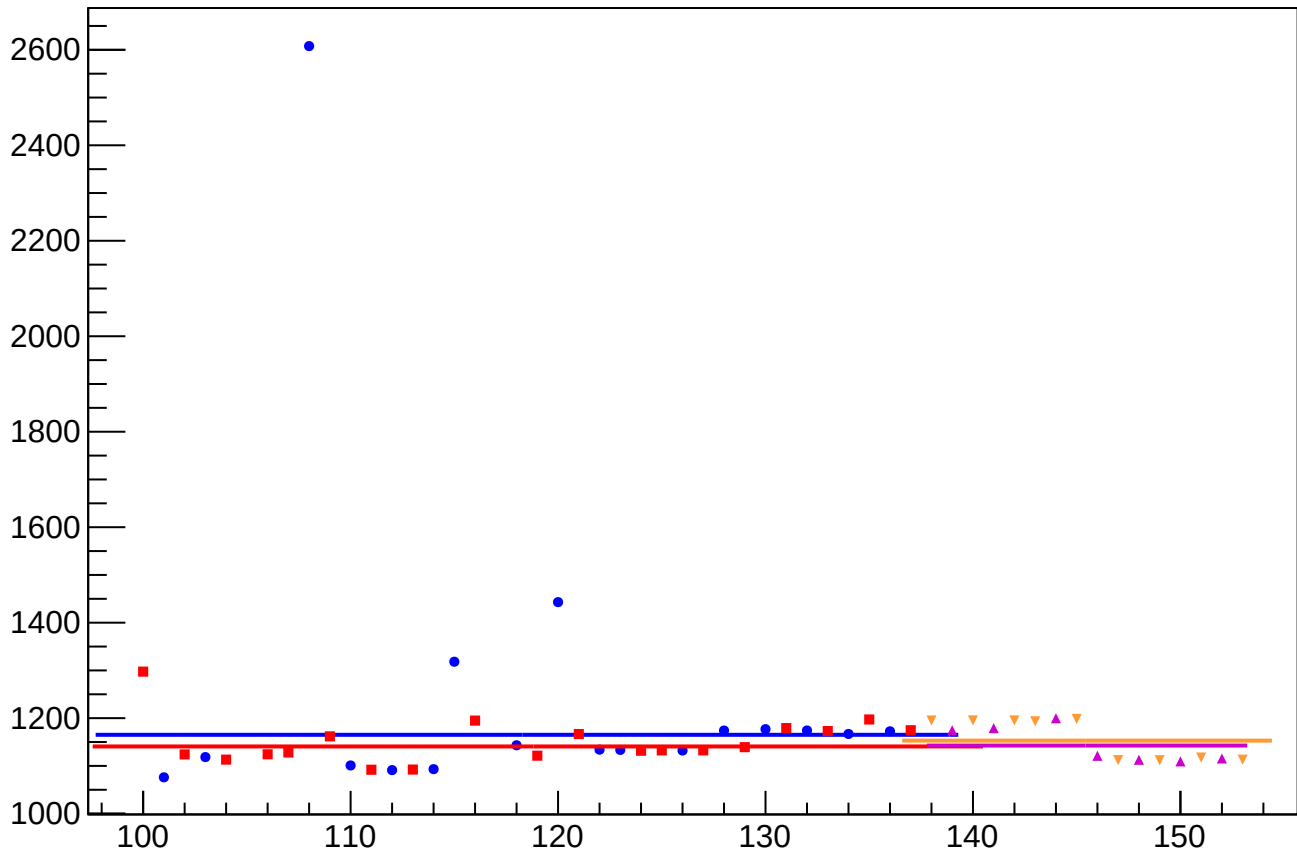
Left In: -2720.351 $\pm$ 473.745 χ^2 /NDF: 14.4/6

+ sign 2347.256 $\pm$ 319.224 χ^2 /NDF: 19.8/25

All: -9.234 $\pm$ 224.962 χ^2 /NDF: 157.1/51

- sign -2334.135 $\pm$ 317.077 χ^2 /NDF: 29.1/25

dit_asym_usr_rms vs Slug



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

Left Out: 1152.950 ± 0.318 χ^2/NDF : 16604.0/8

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

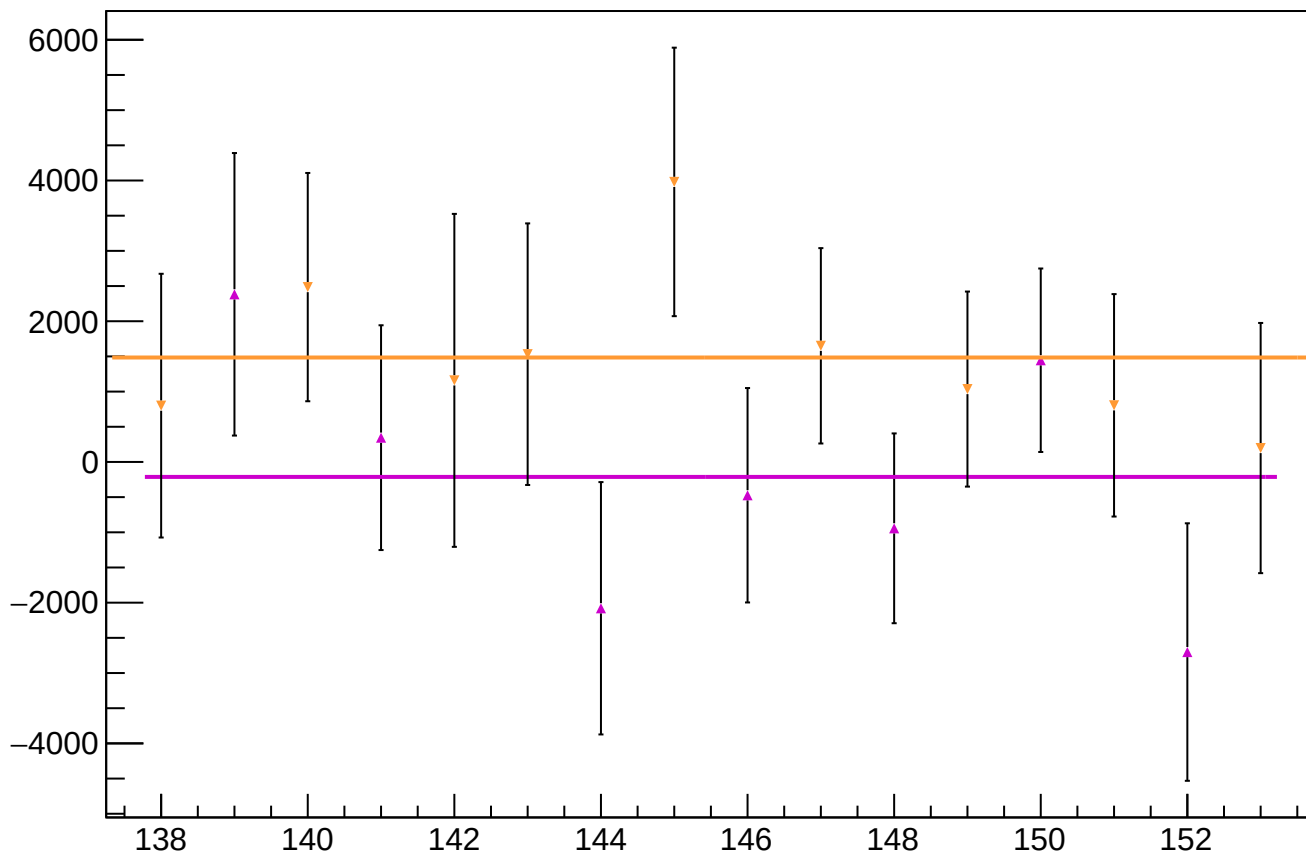
Left In: 1142.621 ± 0.335 χ^2/NDF : 10987.1/6

+ sign 1159.001 ± 0.226 χ^2/NDF : 295903.9/25

All: 1150.236 ± 0.159 χ^2/NDF : 322621.3/51

- sign 1141.589 ± 0.224 χ^2/NDF : 23722.0/25

asym_usr_correction_mean vs Slug



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

Left Out: 1484.451+/-562.252 χ^2/NDF : 3.1/8

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

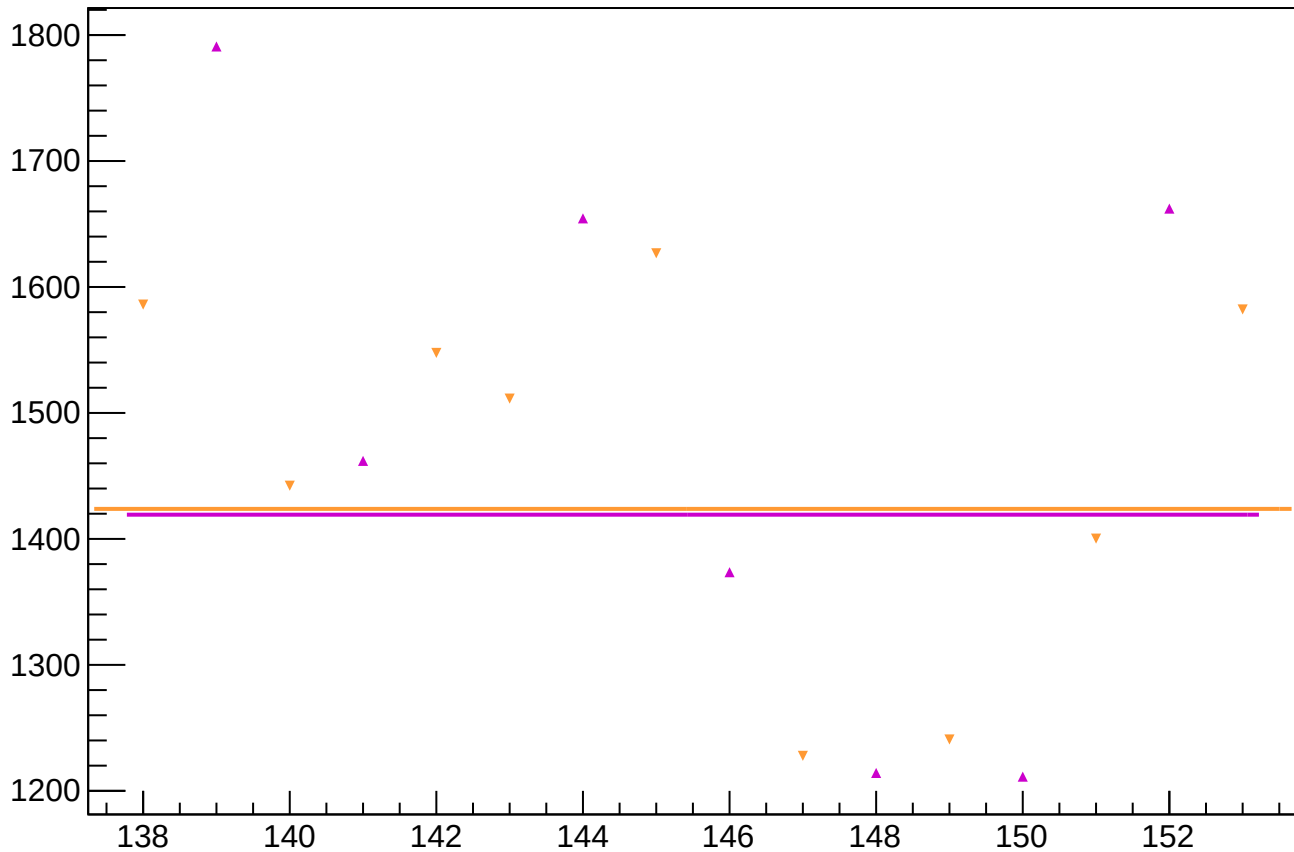
Left In: -212.587+/-595.678 χ^2/NDF : 6.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.879+/-408.878 χ^2/NDF : 14.0/15

- 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: 1423.842+/-0.398 χ^2/NDF :138842.7/8

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

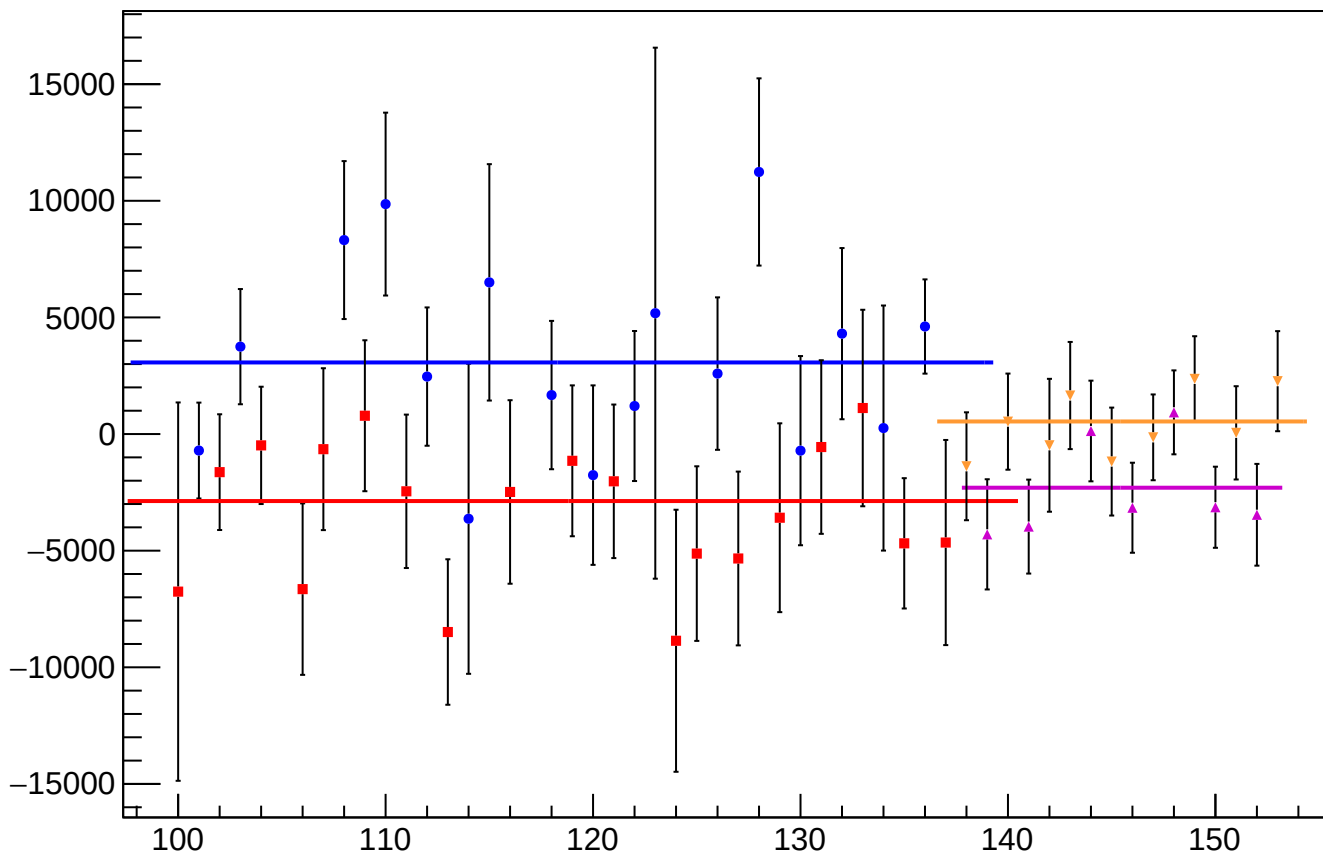
Left In: 1419.234+/-0.421 χ^2/NDF :238555.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.671+/-0.289 χ^2/NDF : 377461.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



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

Left Out: 539.418 ± 709.979 χ^2/NDF : 3.4/8

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

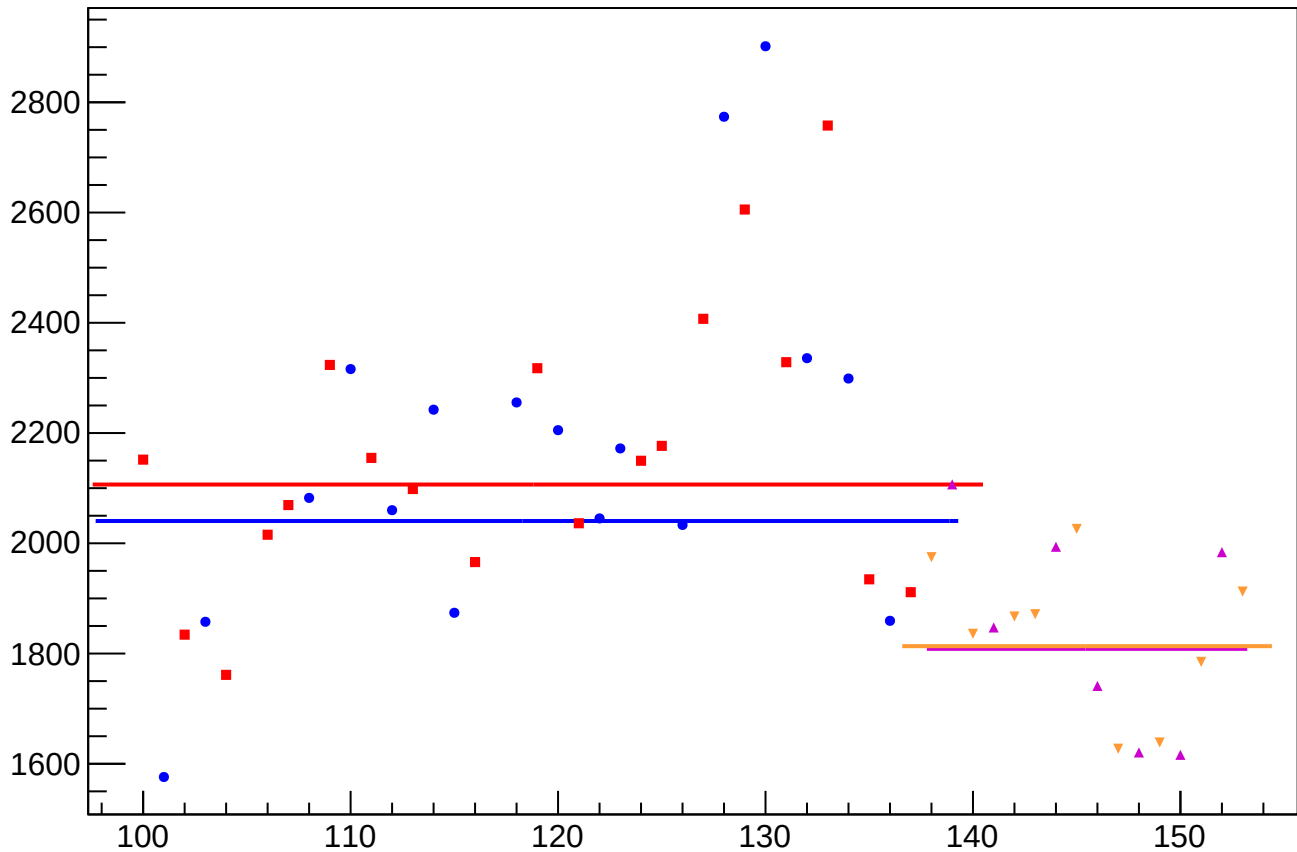
Left In: -2300.897 ± 753.997 χ^2/NDF : 6.6/6

+ sign 1657.678 ± 530.356 χ^2/NDF : 27.6/25

All: -390.849 ± 380.831 χ^2/NDF : 76.8/51

- sign -2571.506 ± 547.193 χ^2/NDF : 18.5/25

asym_usr_rms vs Slug



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

Left Out: 1813.383+/-0.502 χ^2/NDF : 72239.6/8

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

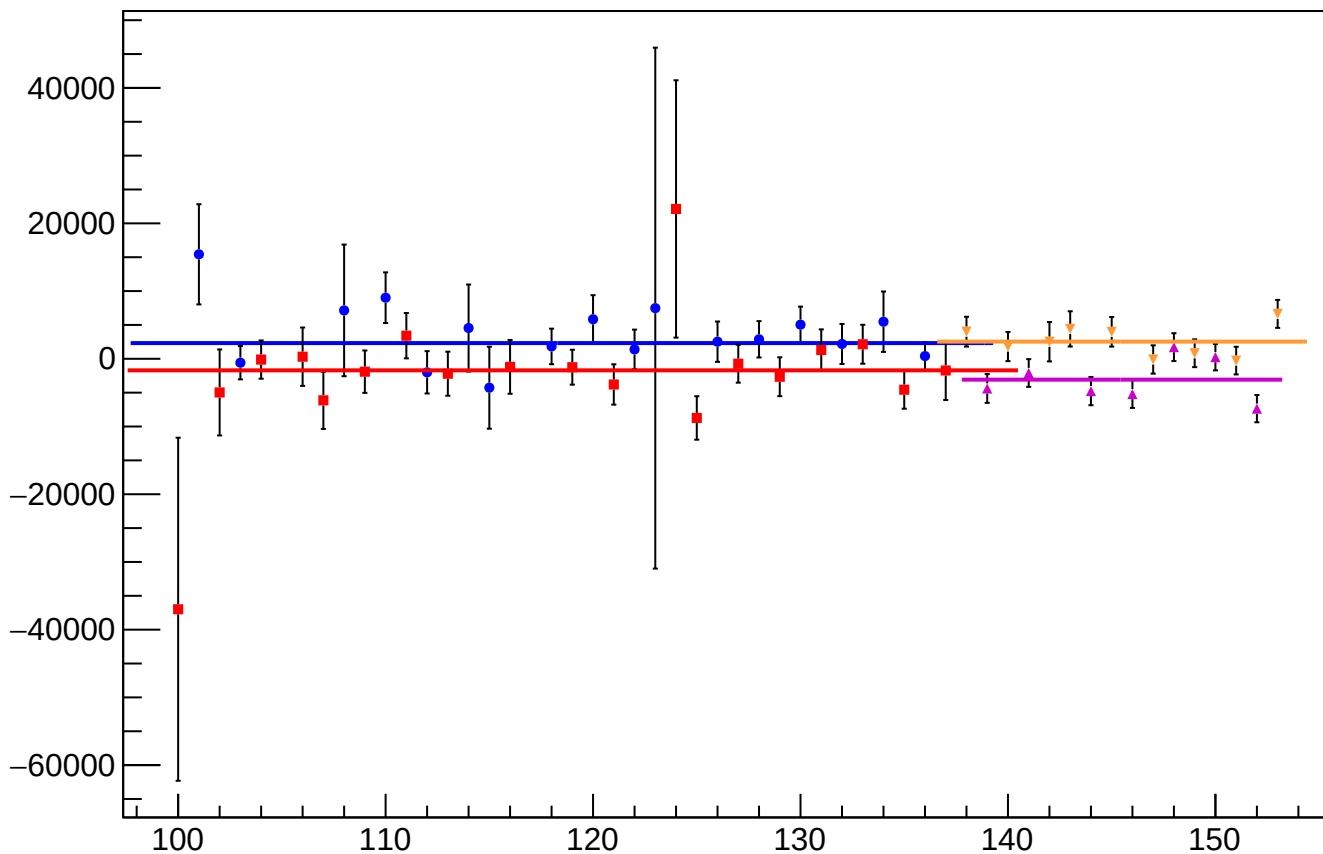
Left In: 1808.490+/-0.533 χ^2/NDF : 109001.2/6

+ sign 1913.737+/-0.375 χ^2/NDF : 493984.8/25

All: 1931.110+/-0.269 χ^2/NDF : 950836.0/51

- sign 1949.605+/-0.387 χ^2/NDF : 452420.2/25

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2537.677 $\pm$ 737.737 χ^2 /NDF:9.6/8

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

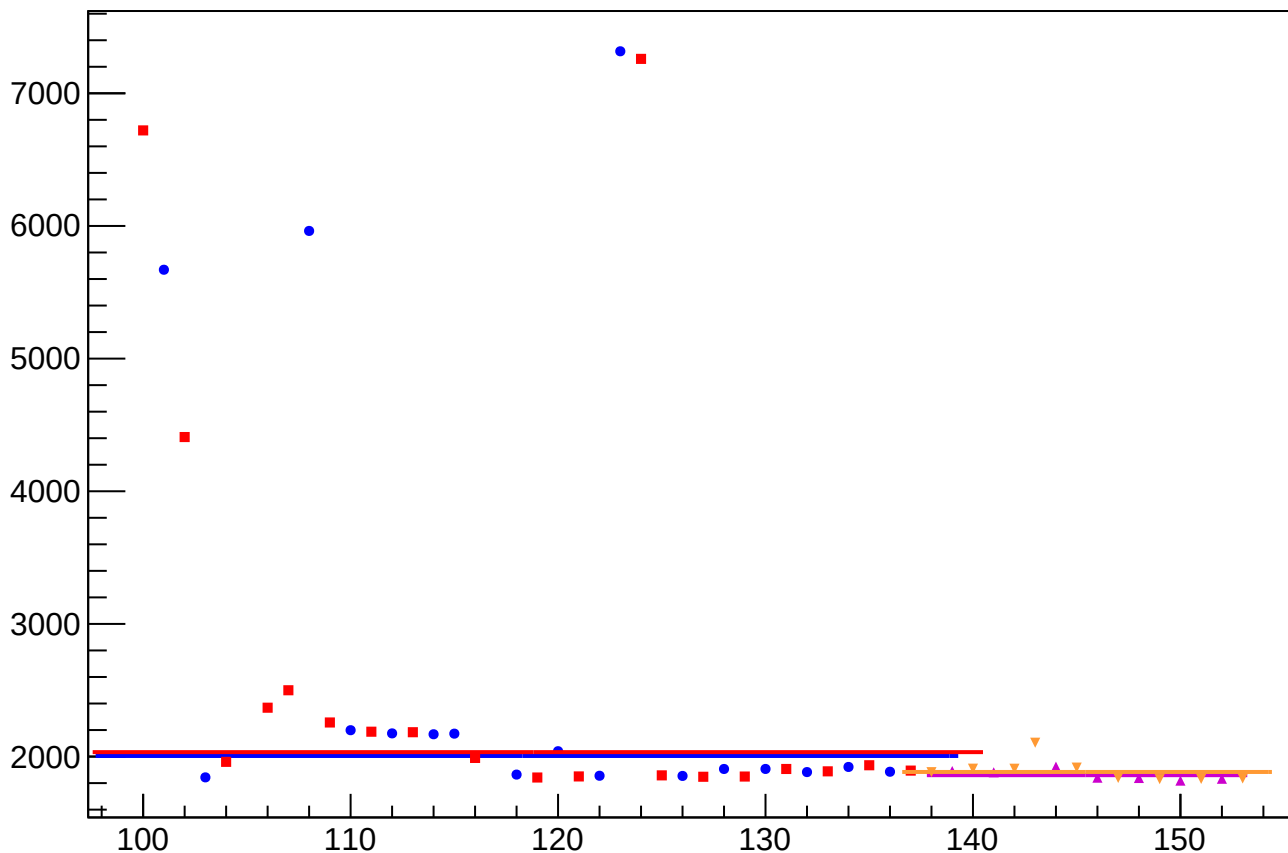
Left In: -3078.326 $\pm$ 773.218 χ^2 /NDF:15.2/6

+ sign 2437.391 $\pm$ 542.784 χ^2 /NDF: 24.5/25

All: 50.962 $\pm$ 386.374 χ^2 /NDF: 97.6/51

- sign -2400.412 $\pm$ 550.121 χ^2 /NDF: 33.9/25

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1884.003+/-0.522 χ^2/NDF : 19988.6/8

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

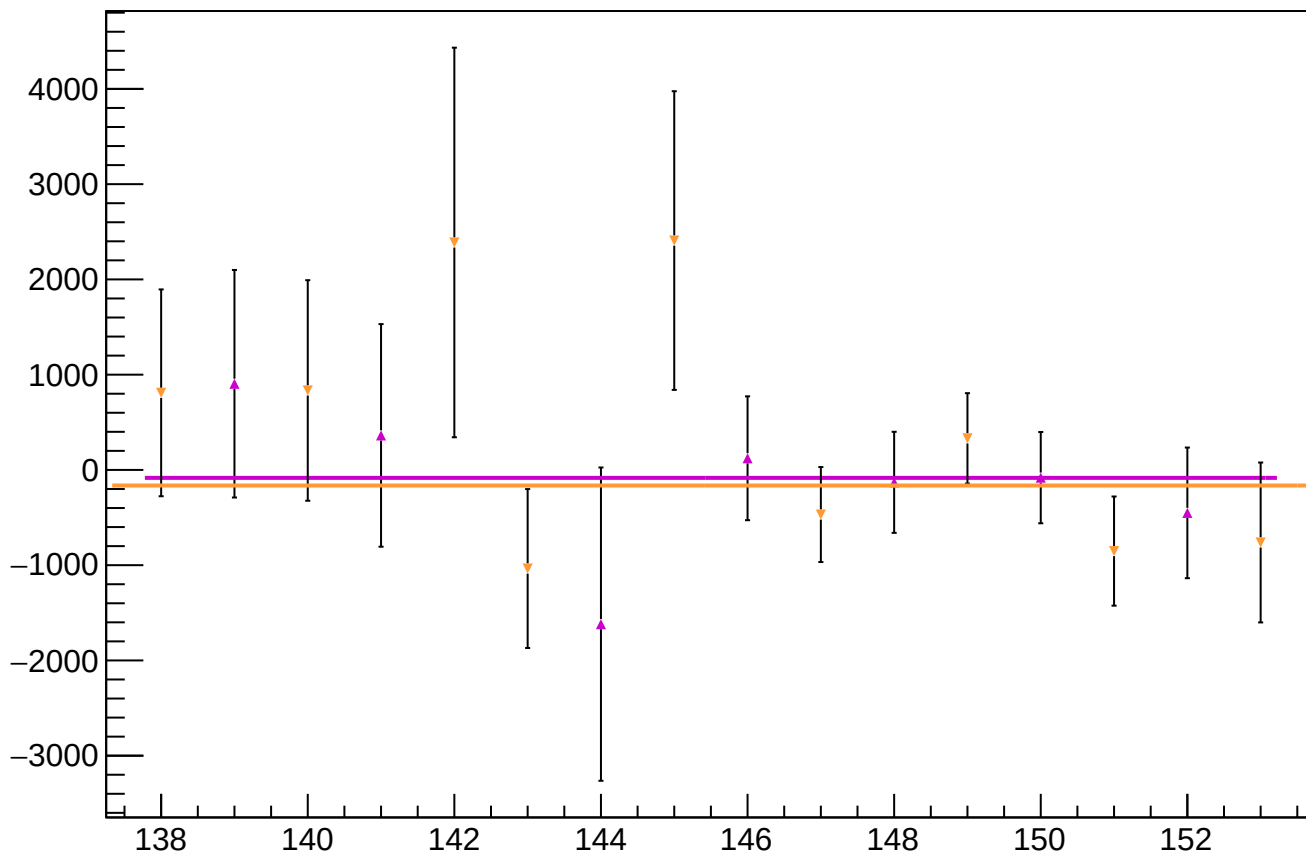
Left In: 1859.810+/-0.547 χ^2/NDF : 4173.2/6

+ sign 1939.296+/-0.384 χ^2/NDF : 960495.9/25

All: 1942.394+/-0.273 χ^2/NDF : 1625640.5/51

- sign 1945.576+/-0.389 χ^2/NDF : 665012.6/25

asym_at1_avg_correction_mean vs Slug



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

Left Out: -163.702 $\pm$ 245.393 χ^2 /NDF:10.3/8

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

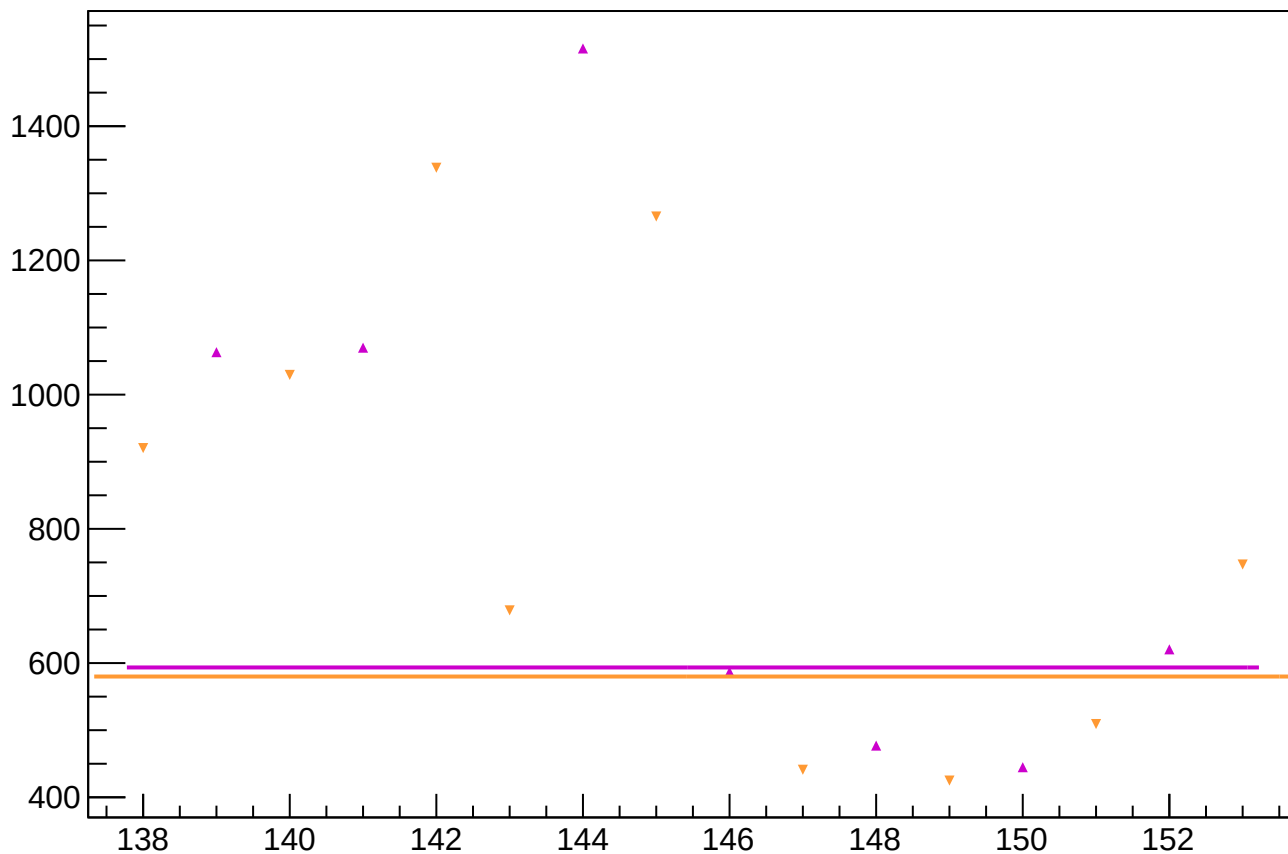
Left In: -83.379 $\pm$ 265.317 χ^2 /NDF:2.1/6

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

All: -126.669 $\pm$ 180.151 χ^2 /NDF: 12.4/15

- 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: 579.955+/-0.174 χ^2/NDF :1661551.8/8

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

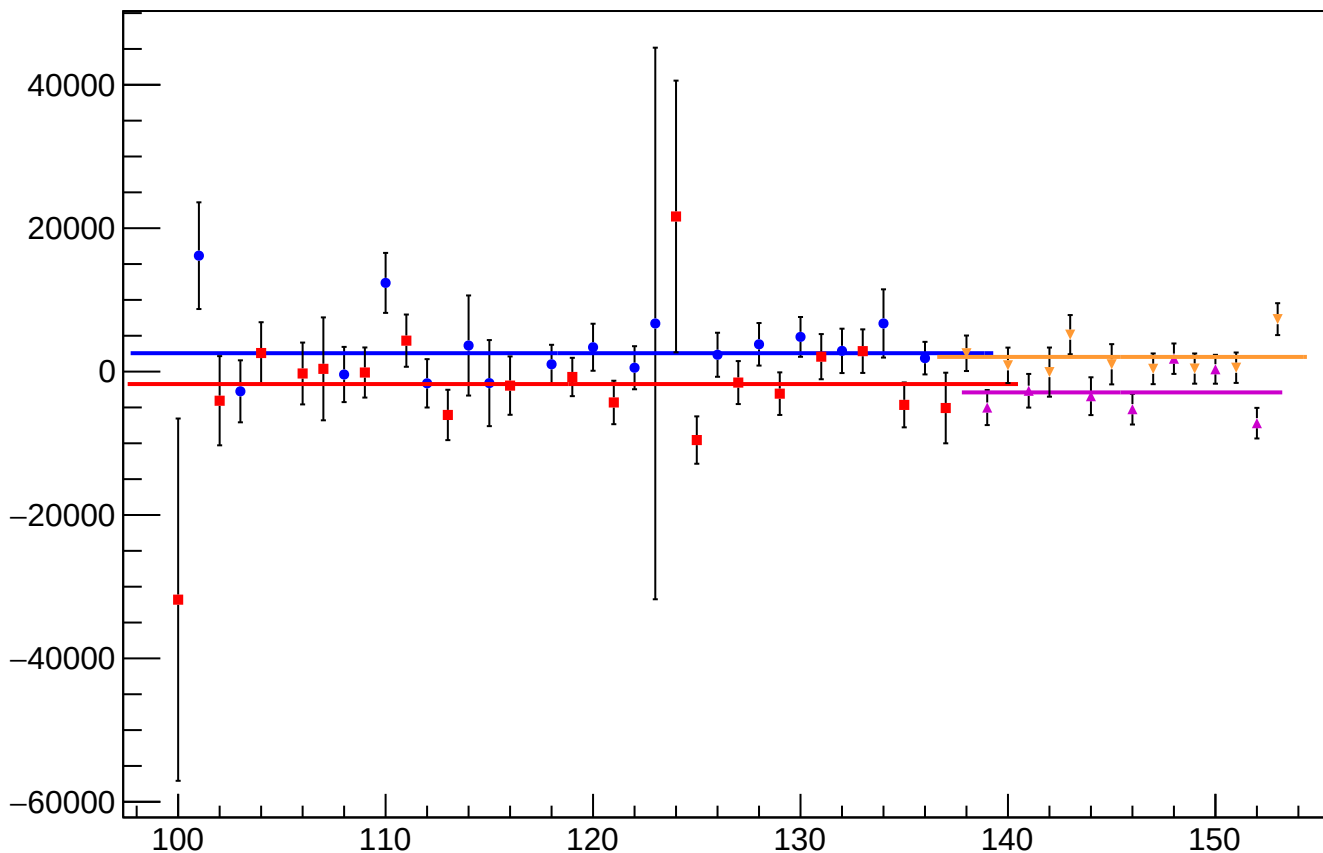
Left In: 593.473+/-0.188 χ^2/NDF :1563304.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.188+/-0.127 χ^2/NDF : 3227654.1/15

- 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: 2046.271 $\pm$ 805.469 χ^2 /NDF: 9.4/8

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

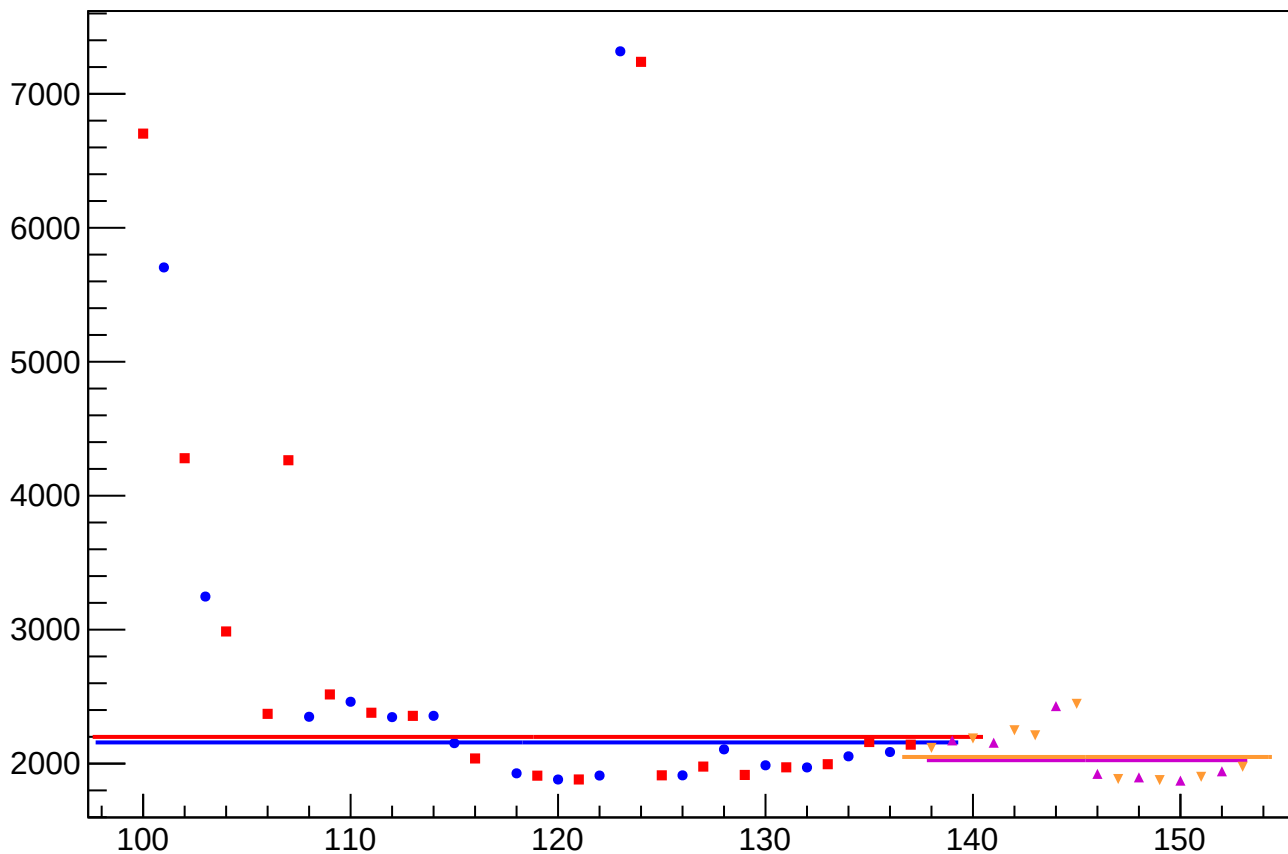
Left In: -2902.091 $\pm$ 845.389 χ^2 /NDF: 13.5/6

+ sign 2290.691 $\pm$ 586.632 χ^2 /NDF: 25.2/25

All: 36.709 $\pm$ 419.634 χ^2 /NDF: 90.3/51

- sign -2325.229 $\pm$ 600.516 χ^2 /NDF: 35.0/25

asym_at1_avg_rms vs Slug



Right In: 2158.148+/-0.605 χ^2/NDF : 713862.1/16

Left Out: 2049.579+/-0.570 χ^2/NDF : 98719.3/8

Right Out: 2199.343+/-0.603 χ^2/NDF : 803022.0/18

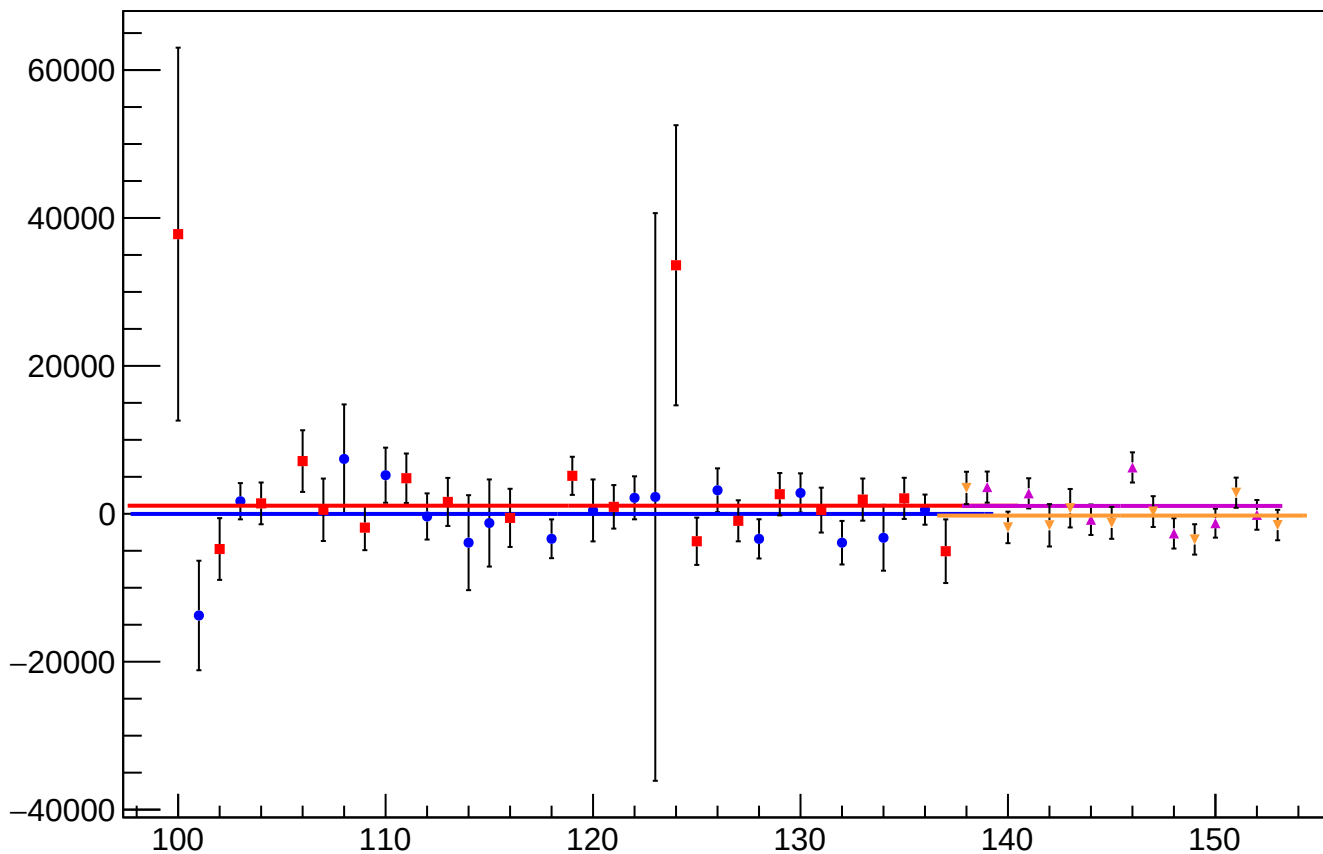
Left In: 2025.586+/-0.598 χ^2/NDF : 86750.8/6

+ sign 2100.559+/-0.415 χ^2/NDF : 829644.0/25

All: 2105.984+/-0.297 χ^2/NDF : 1761624.1/51

- sign 2111.668+/-0.425 χ^2/NDF : 931629.9/25

dit_asym_at1_dd_mean vs Slug



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

Left Out: -239.012 ± 733.588 χ^2/NDF : 9.3/8

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

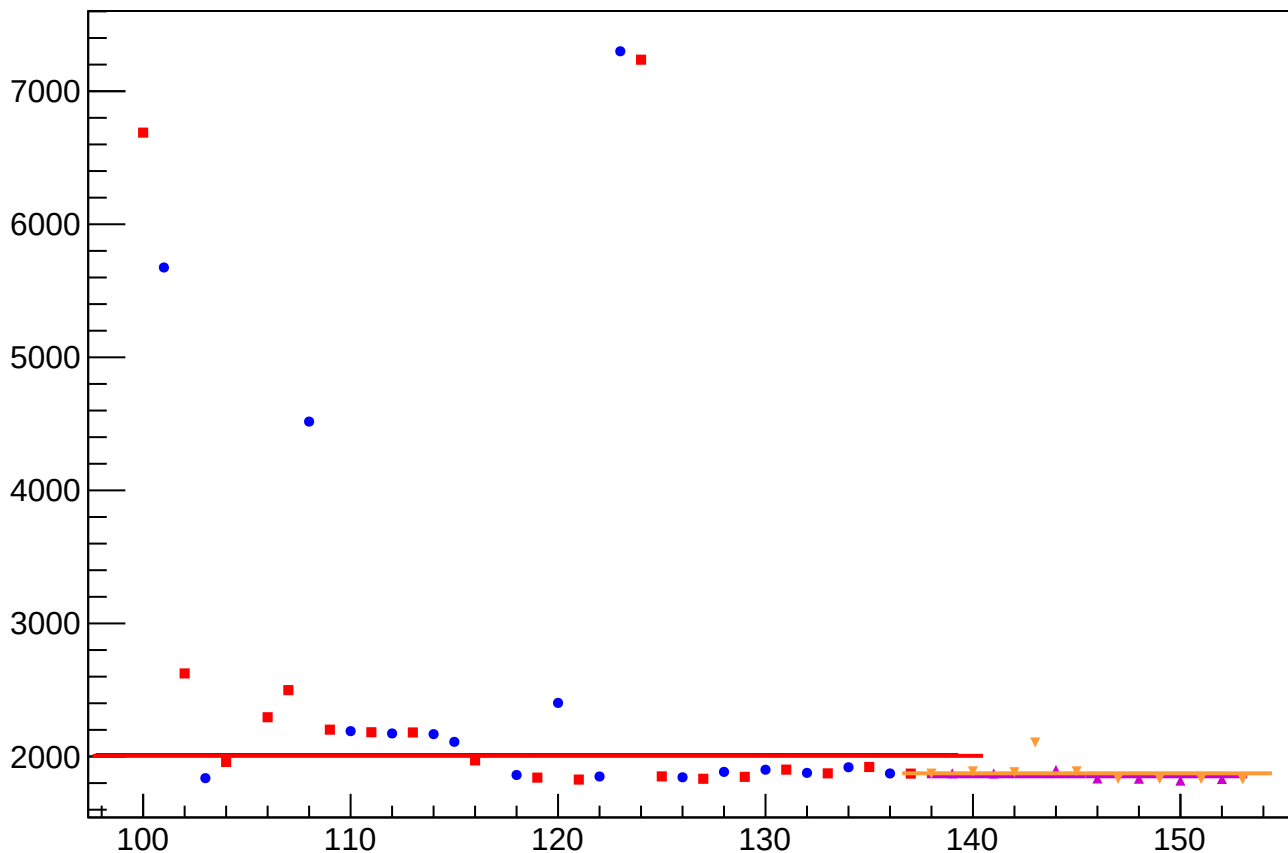
Left In: 1065.502 ± 769.484 χ^2/NDF : 14.5/6

+ sign -138.377 ± 541.115 χ^2/NDF : 25.2/25

All: 467.587 ± 383.709 χ^2/NDF : 61.6/51

- sign 1080.463 ± 544.192 χ^2/NDF : 33.9/25

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1873.474+/-0.519 χ^2/NDF :19621.4/8

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

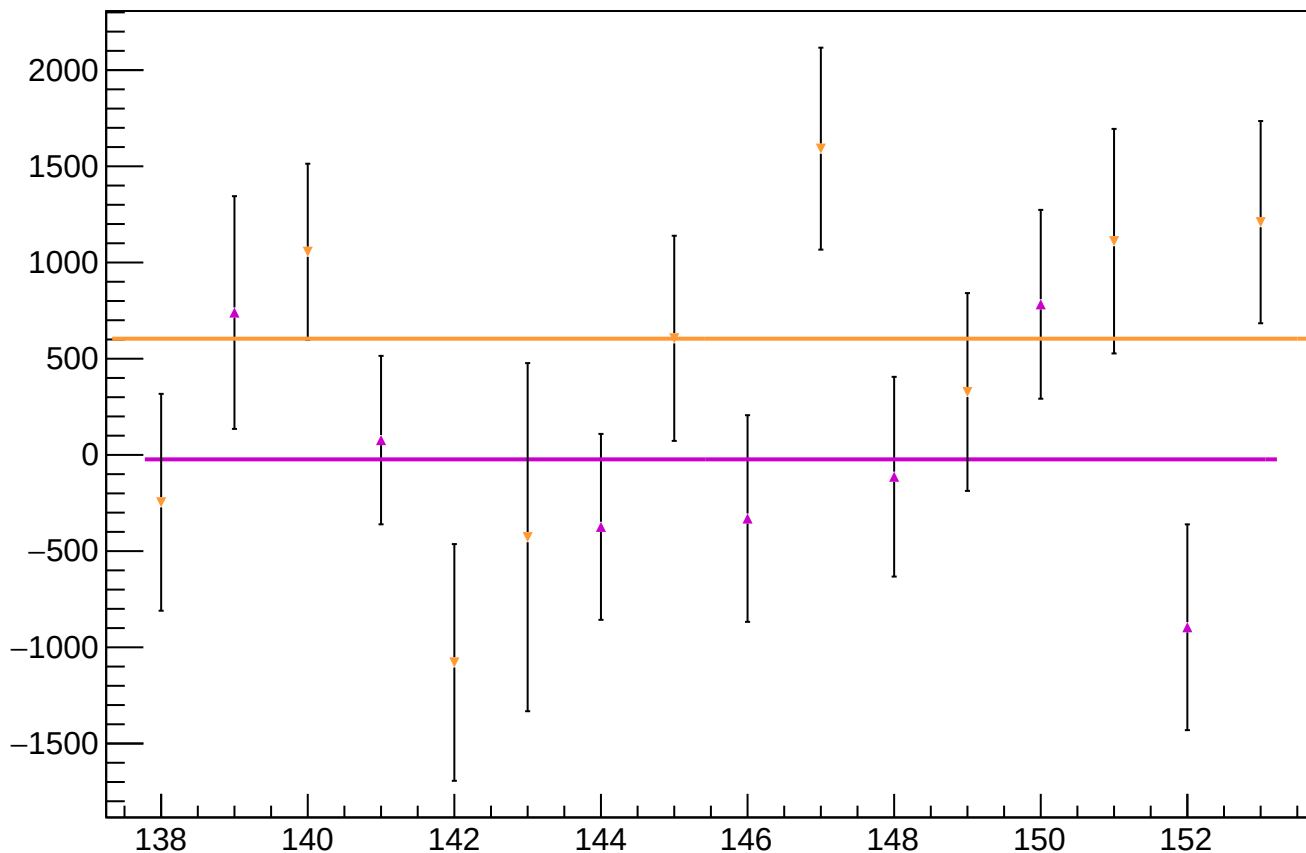
Left In: 1851.029+/-0.544 χ^2/NDF :2571.2/6

+ sign 1935.841+/-0.383 χ^2/NDF : 891075.4/25

All: 1931.909+/-0.271 χ^2/NDF : 1301337.1/51

- sign 1927.932+/-0.385 χ^2/NDF : 410049.3/25

asym_at1_dd_correction_mean vs Slug



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

Left Out: 604.128+/-184.791 χ^2/NDF :17.9/8

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

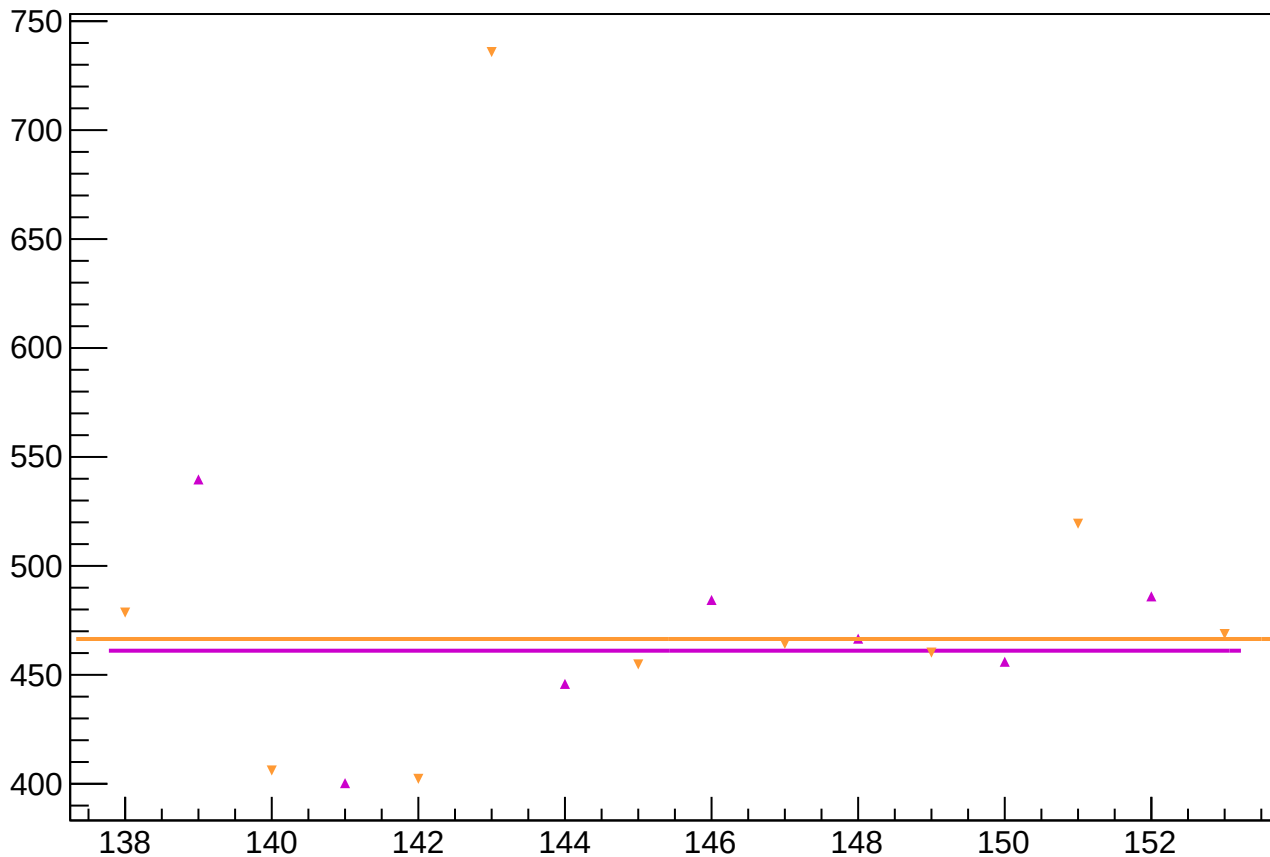
Left In: -23.082+/-192.215 χ^2/NDF :7.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.869+/-133.214 χ^2/NDF : 31.4/15

- 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: 466.457+/-0.131 χ^2/NDF : 252581.3/8

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

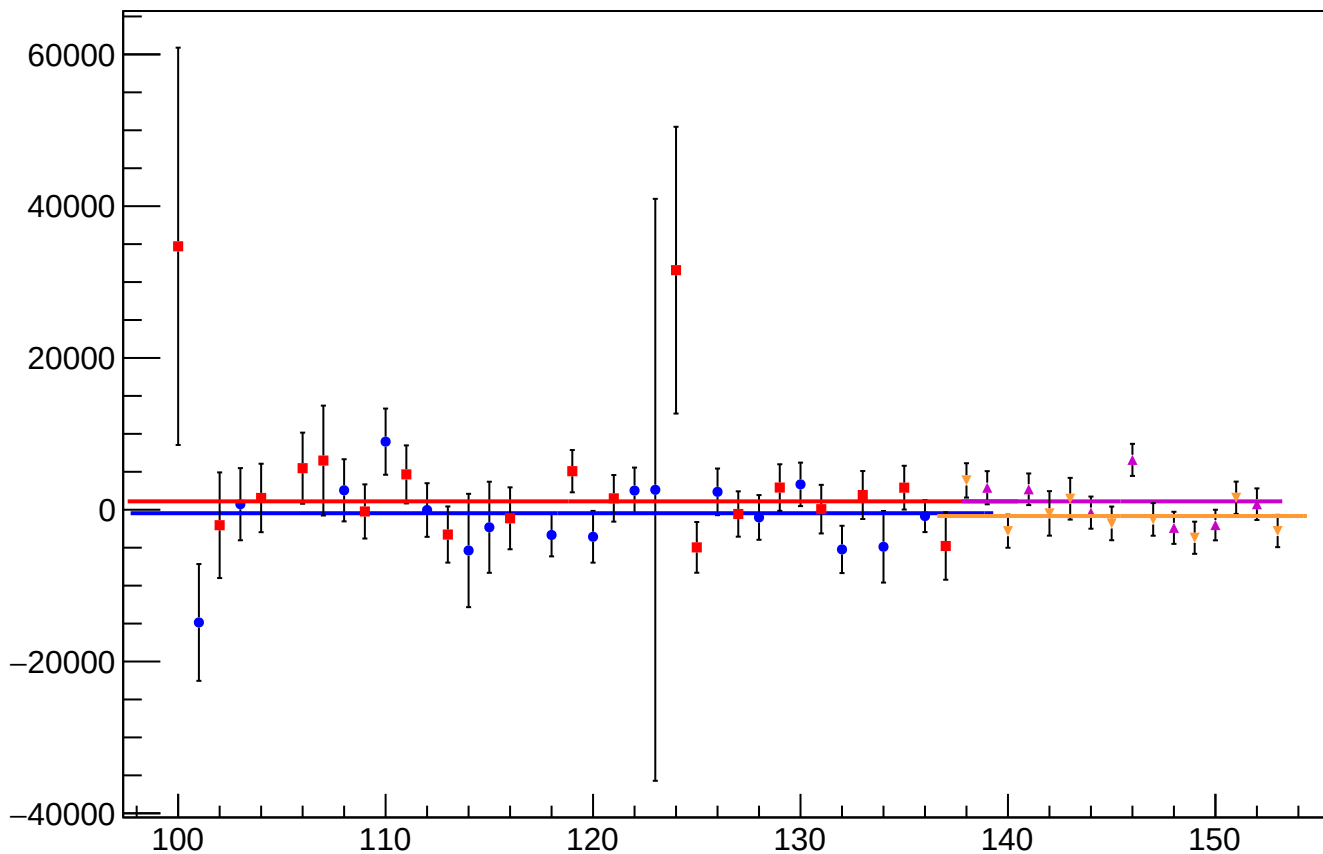
Left In: 461.084+/-0.136 χ^2/NDF : 82884.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.877+/-0.094 χ^2/NDF : 336278.2/15

- 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: -828.251+/-758.522 χ^2 /NDF:10.0/8

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

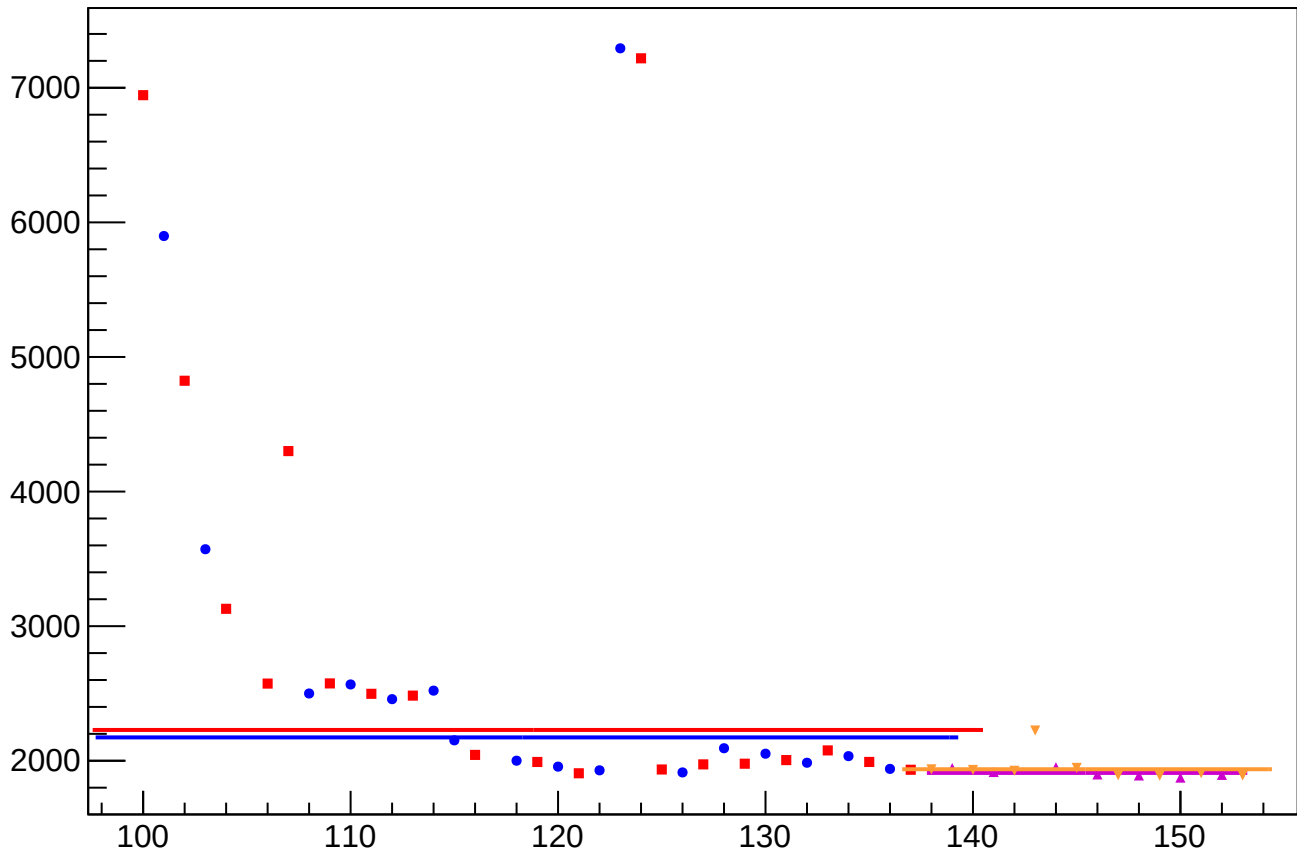
Left In: 1105.089+/-793.768 χ^2 /NDF:13.6/6

+ sign -667.471+/-570.351 χ^2 /NDF: 28.2/25

All: 195.395+/-408.553 χ^2 /NDF: 63.4/51

- sign 1104.734+/-585.509 χ^2 /NDF: 30.5/25

asym_at1_dd_rms vs Slug



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

Left Out: 1937.009+/-0.536 χ^2/NDF : 25267.9/8

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

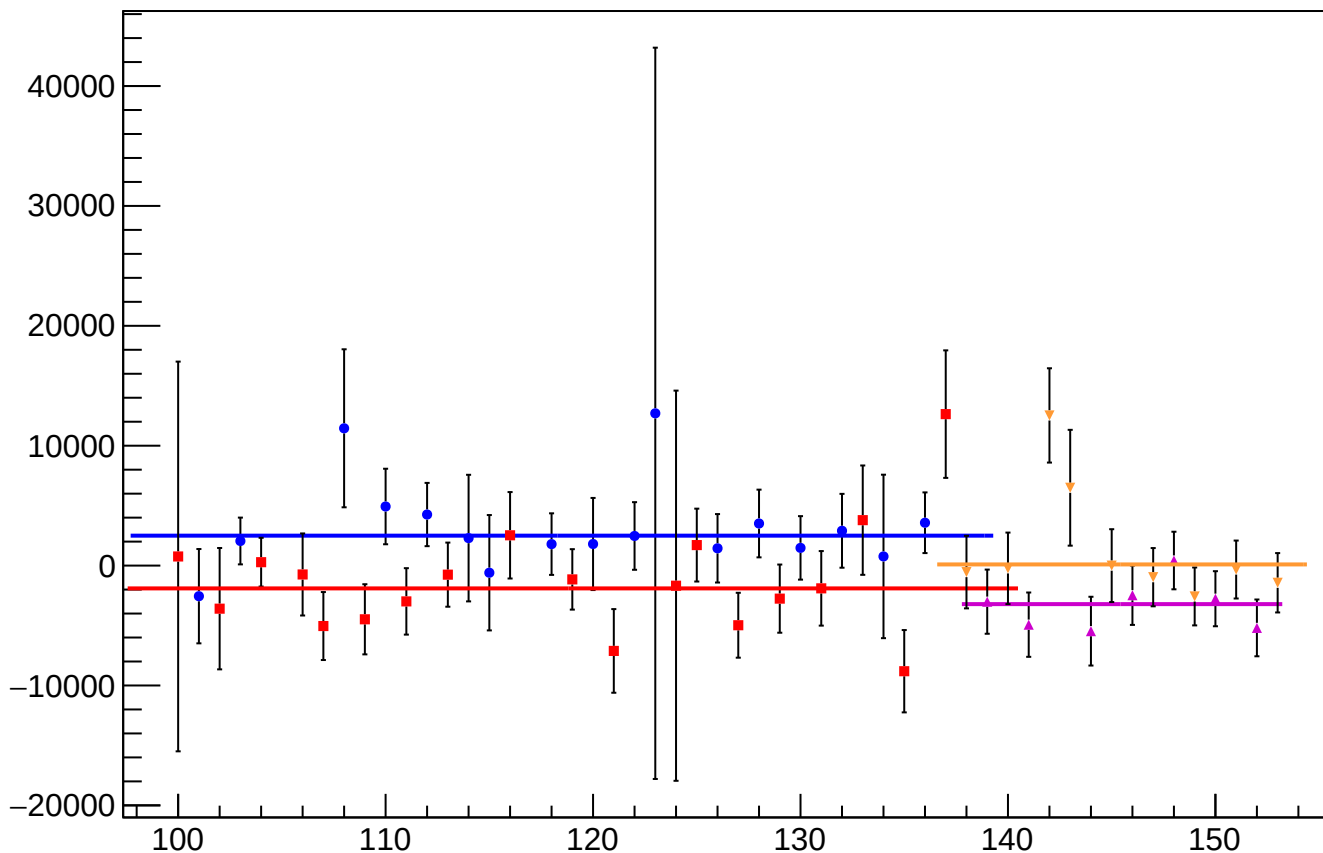
Left In: 1909.634+/-0.561 χ^2/NDF : 2282.4/6

+ sign 2039.803+/-0.403 χ^2/NDF : 915142.5/25

All: 2047.292+/-0.289 χ^2/NDF : 1961498.1/51

- sign 2055.184+/-0.414 χ^2/NDF : 1045647.3/25

dit_asym_at2_avg_mean vs Slug



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

Left Out: 96.892+/-948.062 χ^2/NDF :13.6/8

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

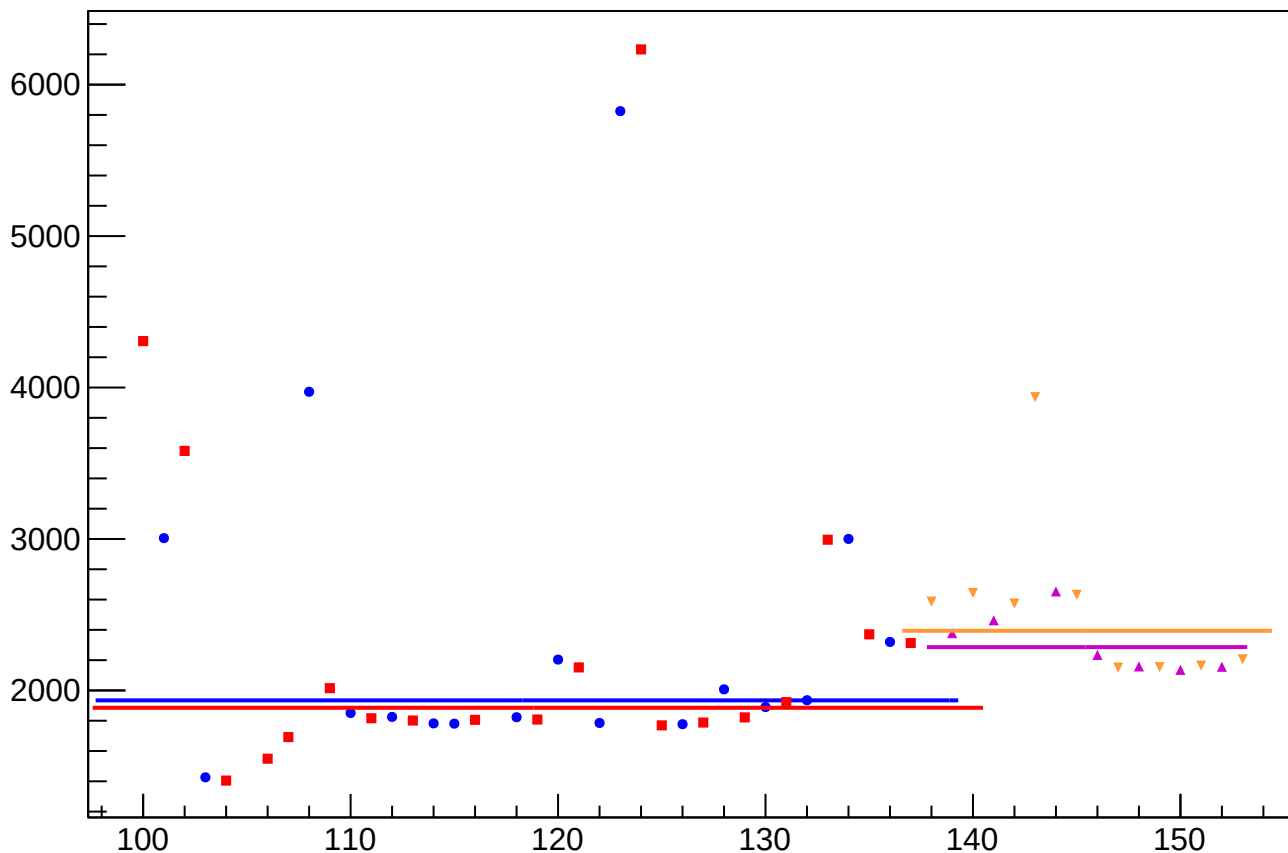
Left In: -3213.825+/-951.519 χ^2/NDF :4.2/6

+ sign 1545.365+/-596.902 χ^2/NDF : 23.4/25

All: -472.381+/-416.910 χ^2/NDF : 74.5/51

- sign -2394.332+/-582.560 χ^2/NDF : 28.8/25

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2394.021+/-0.670 χ^2/NDF :311888.8/8

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

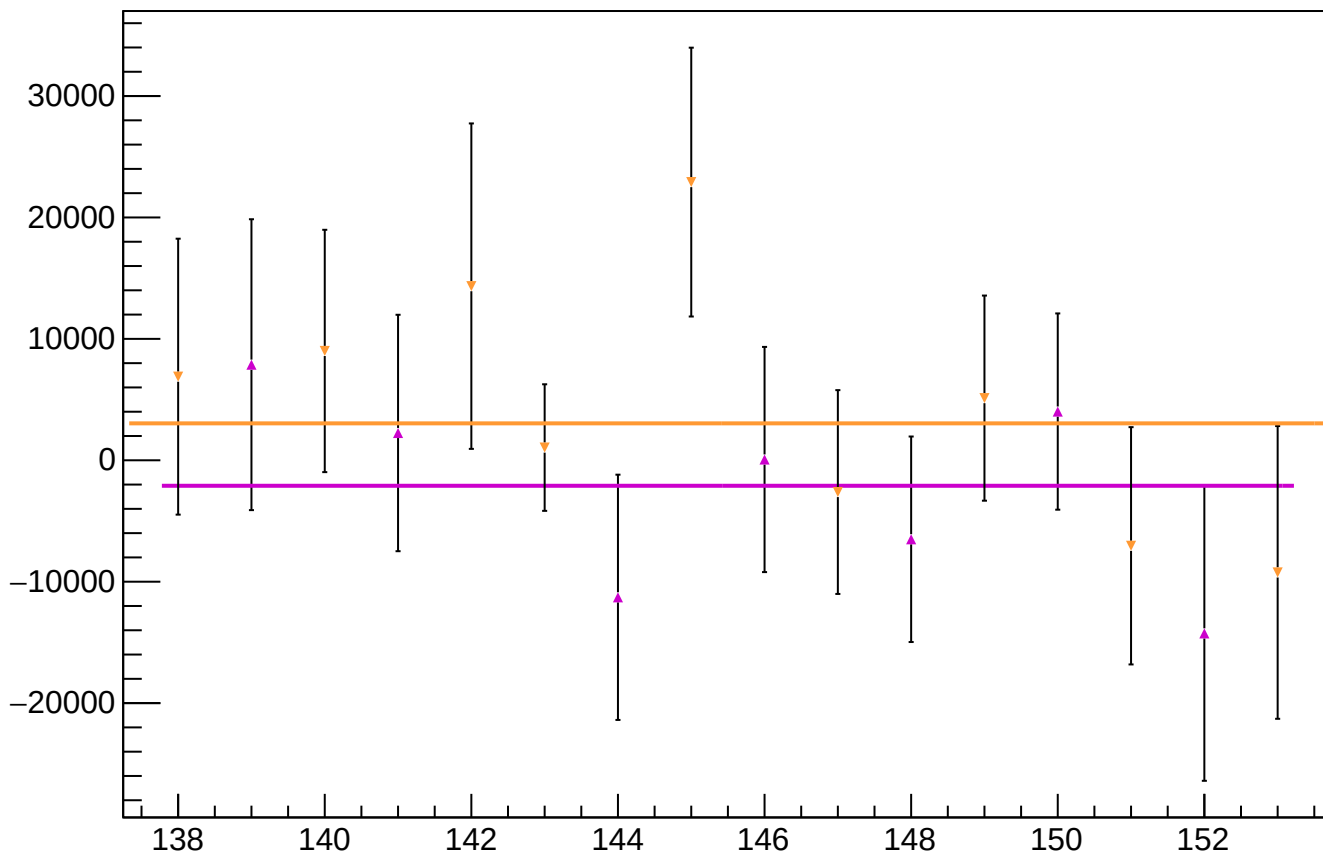
Left In: 2286.088+/-0.673 χ^2/NDF :65031.9/6

+ sign 2116.595+/-0.422 χ^2/NDF : 1234534.9/25

All: 2075.135+/-0.295 χ^2/NDF : 2292082.1/51

- sign 2035.652+/-0.412 χ^2/NDF : 1038708.9/25

asym_at2_avg_correction_mean vs Slug



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

Left Out: 3041.757+/-2963.288 χ^2/NDF : 7.2/8

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

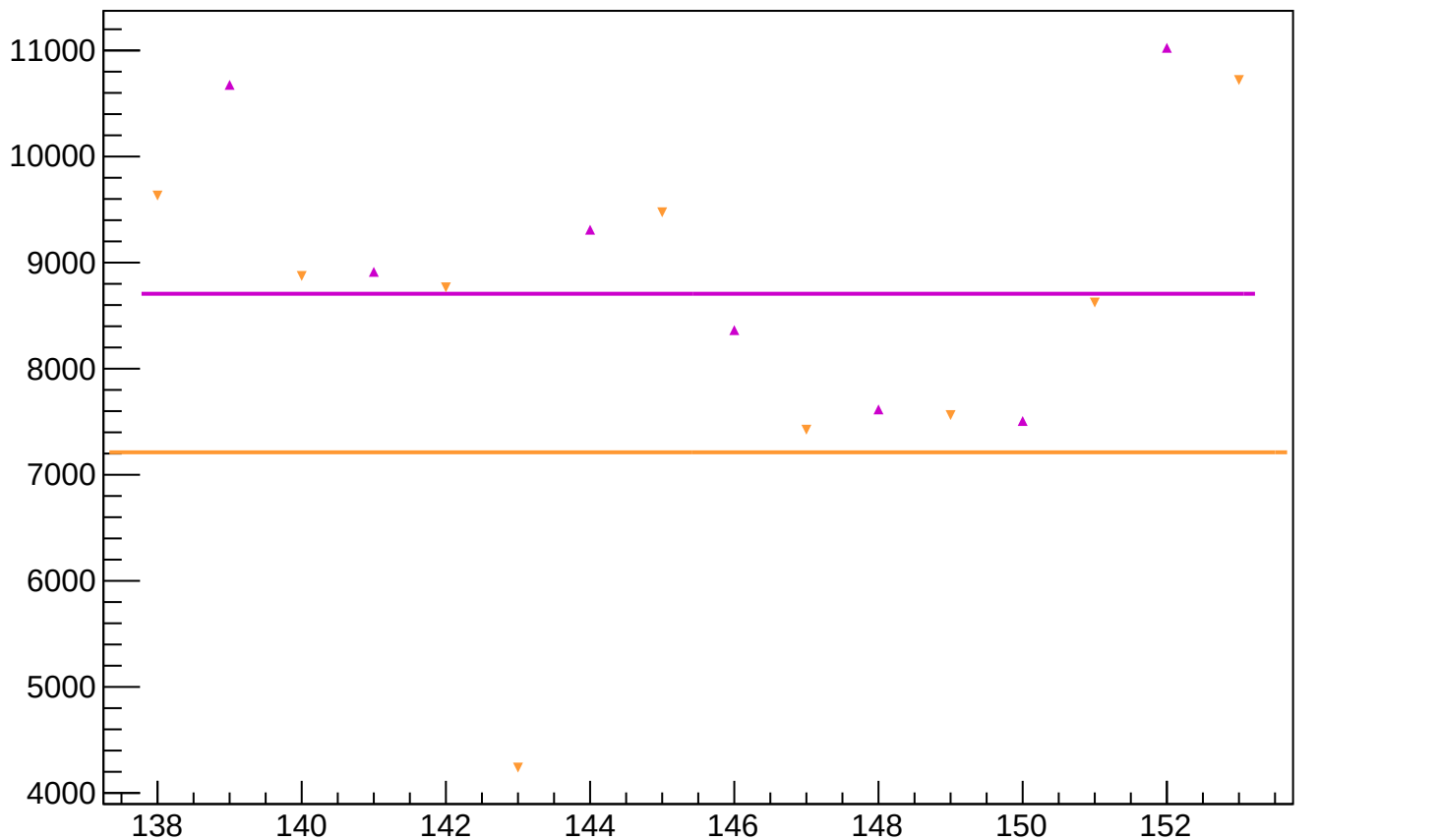
Left In: -2098.883+/-3651.392 χ^2/NDF : 3.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1000.477+/-2300.919 χ^2/NDF : 12.0/15

- 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: 7211.826+/-2.095 χ^2/NDF :1122972.9/8

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

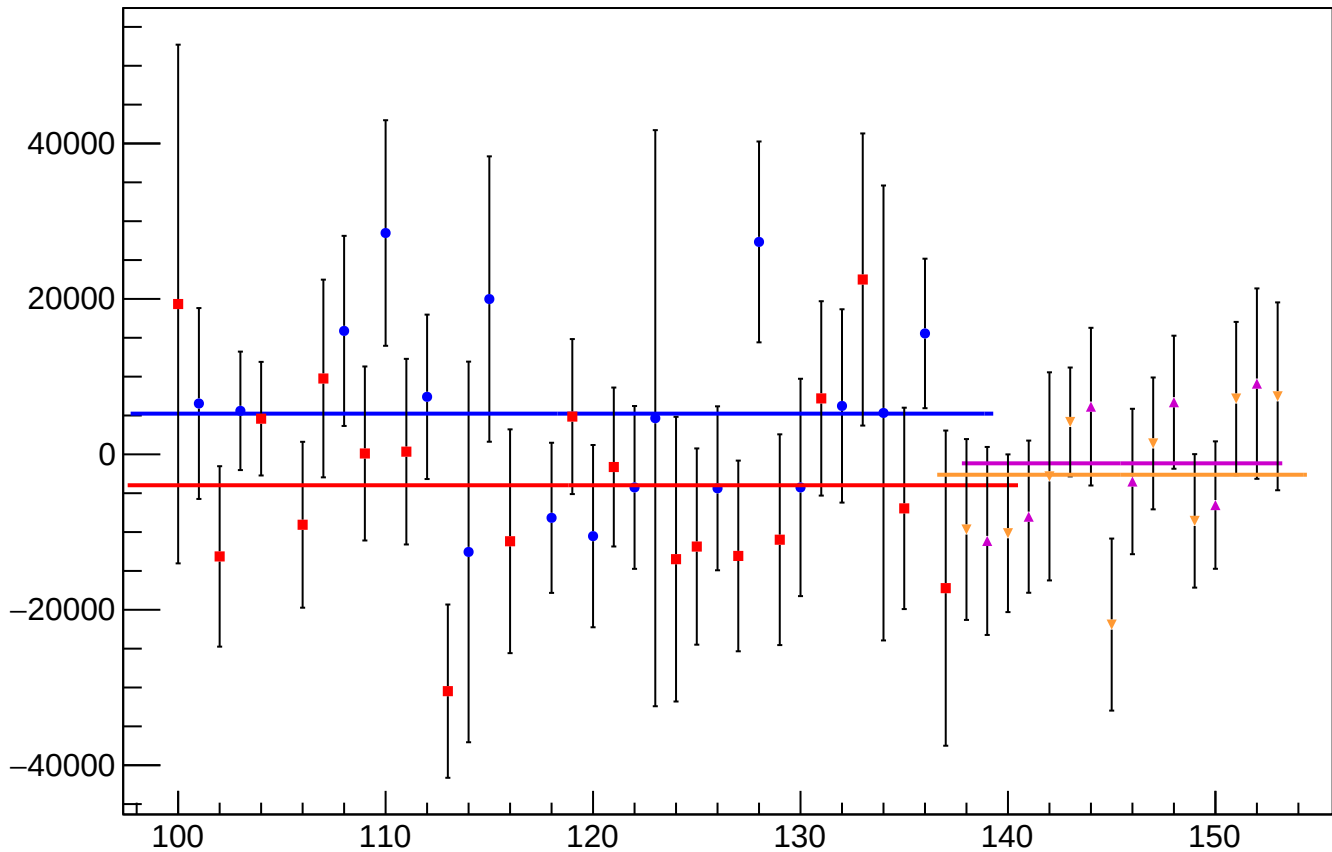
Left In: 8706.432+/-2.582 χ^2/NDF :215008.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7805.314+/-1.627 χ^2/NDF : 1540013.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: -2623.106 $\pm$ 3230.961 χ^2 /NDF: 7.3/8

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

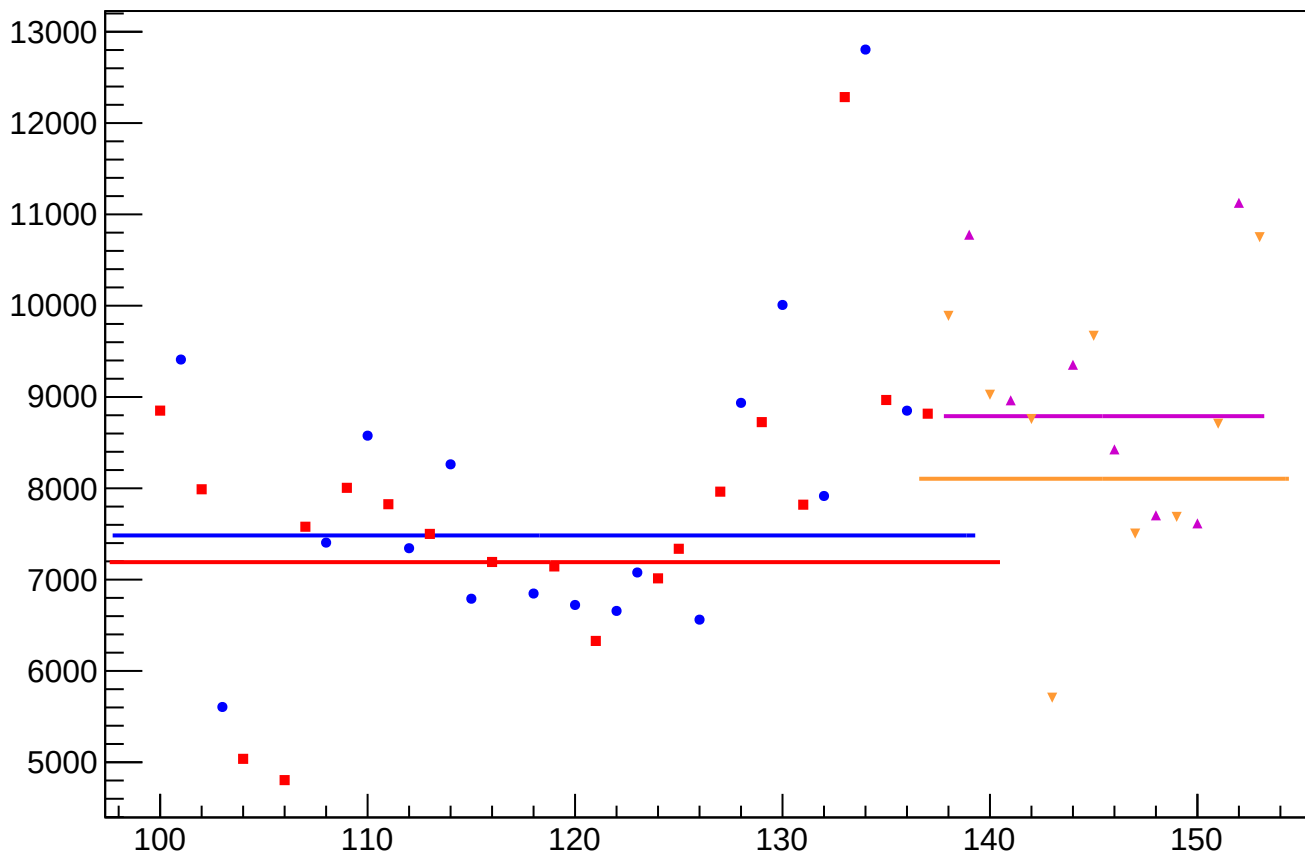
Left In: -1155.034 $\pm$ 3686.151 χ^2 /NDF: 3.7/6

+ sign 1669.418 $\pm$ 2176.989 χ^2 /NDF: 25.0/25

All: -589.291 $\pm$ 1556.005 χ^2 /NDF: 46.9/51

- sign -2948.382 $\pm$ 2224.838 χ^2 /NDF: 19.7/25

asym_at2_avg_rms vs Slug



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

Left Out: 8104.656+/-2.285 χ^2 /NDF:460528.3/8

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

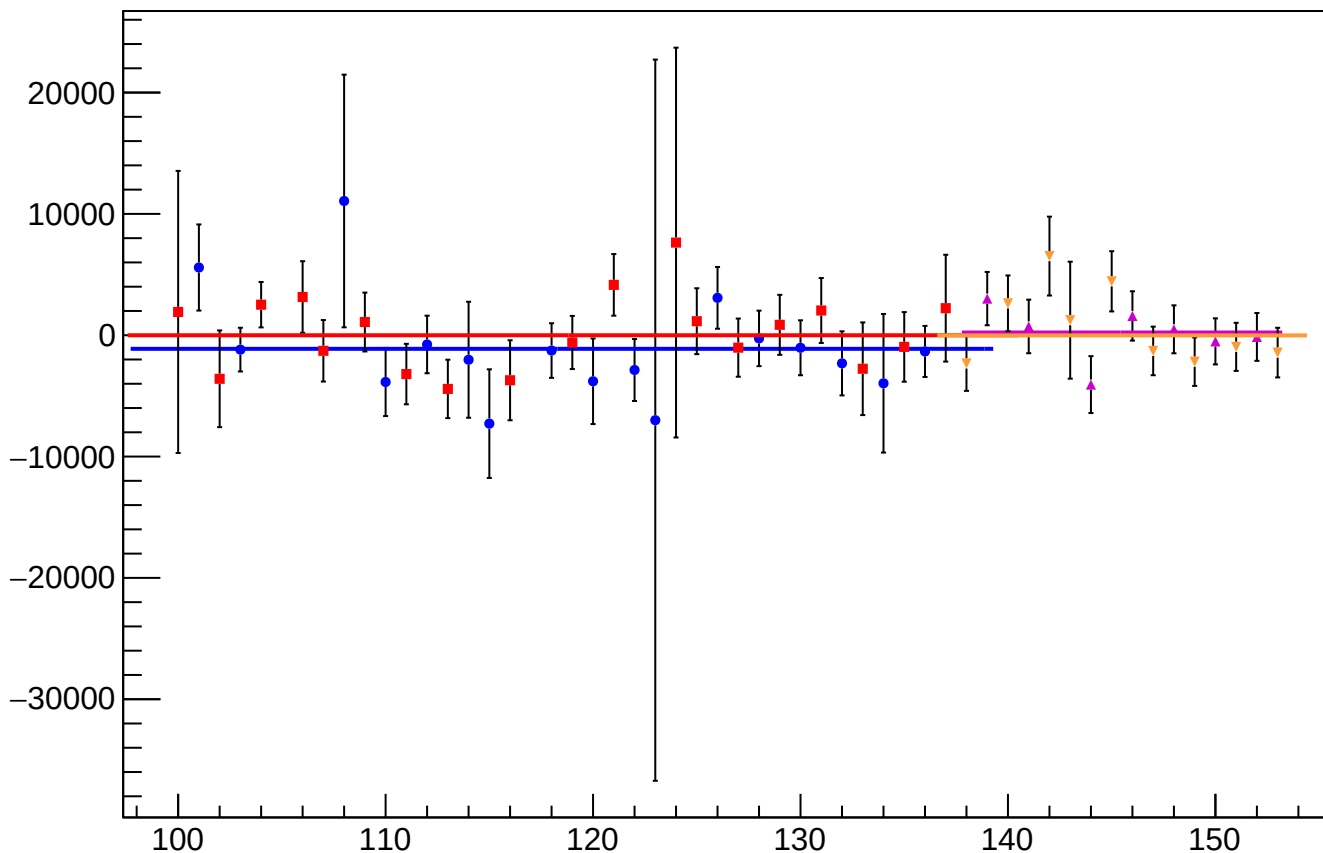
Left In: 8790.120+/-2.607 χ^2 /NDF:209763.6/6

+ sign 7765.648+/-1.539 χ^2 /NDF: 932659.8/25

All: 7769.606+/-1.100 χ^2 /NDF: 1940355.4/51

- sign 7773.740+/-1.573 χ^2 /NDF: 1007682.1/25

dit_asym_at2_dd_mean vs Slug



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

Left Out: -12.346 ± 771.935 χ^2/NDF : 12.0/8

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

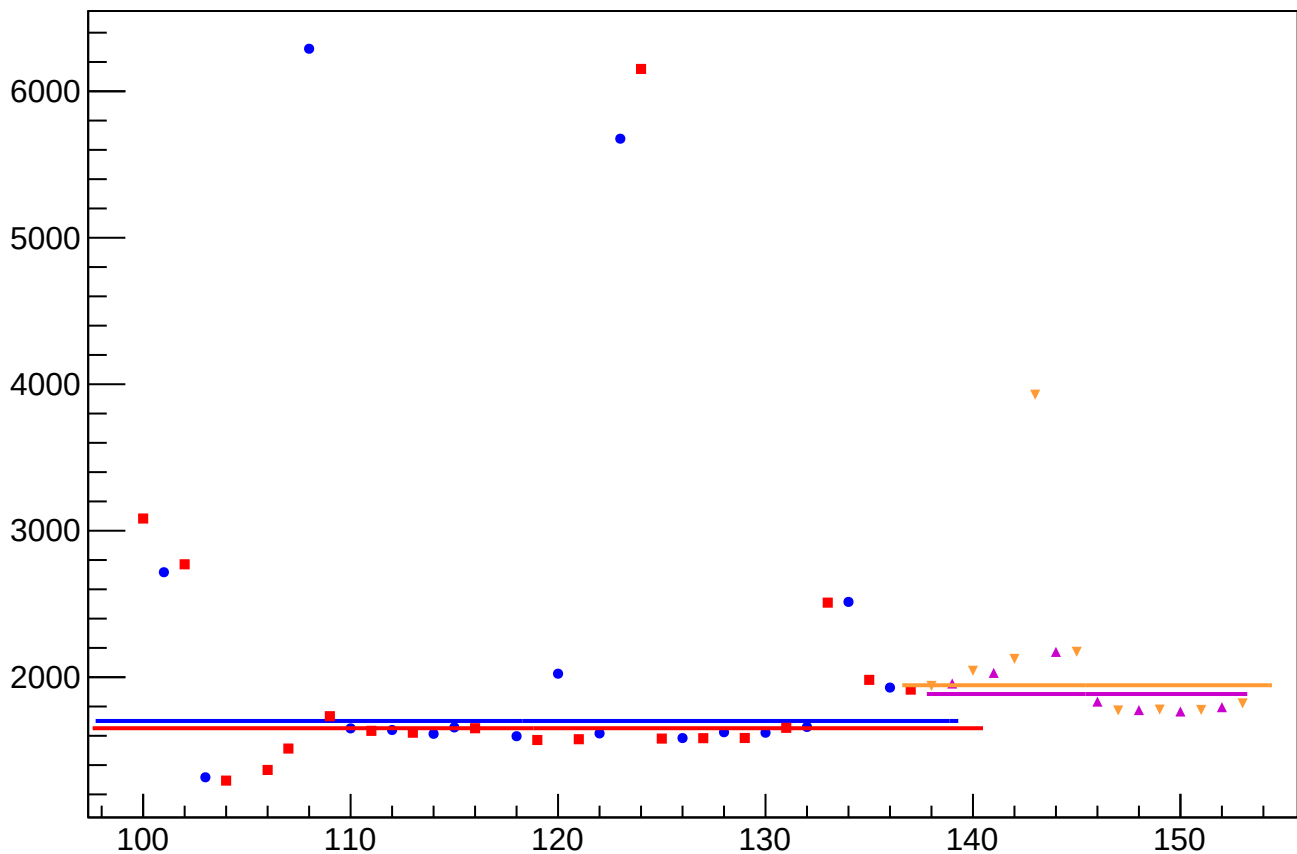
Left In: 224.847 ± 784.173 χ^2/NDF : 5.7/6

+ sign -636.980 ± 509.902 χ^2/NDF : 25.4/25

All: -264.068 ± 355.419 χ^2/NDF : 47.6/51

- sign 88.328 ± 495.677 χ^2/NDF : 21.2/25

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1945.189+/-0.546 χ^2/NDF : 415764.8/8

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

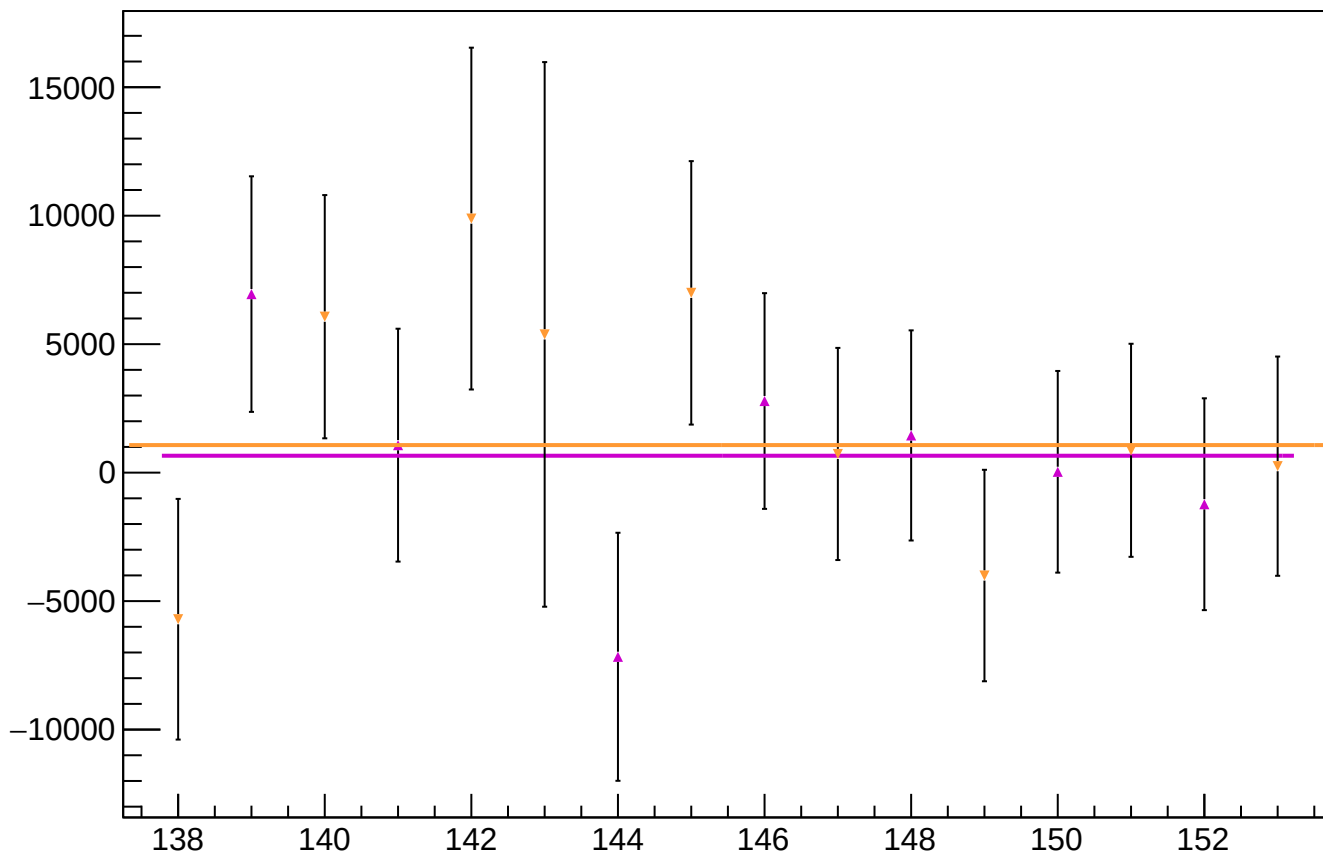
Left In: 1885.235+/-0.554 χ^2/NDF : 60249.7/6

+ sign 1807.705+/-0.361 χ^2/NDF : 1307032.9/25

All: 1775.481+/-0.251 χ^2/NDF : 2078138.9/51

- sign 1745.030+/-0.350 χ^2/NDF : 755569.9/25

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1072.223+/-1600.012 χ^2/NDF : 8.0/8

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

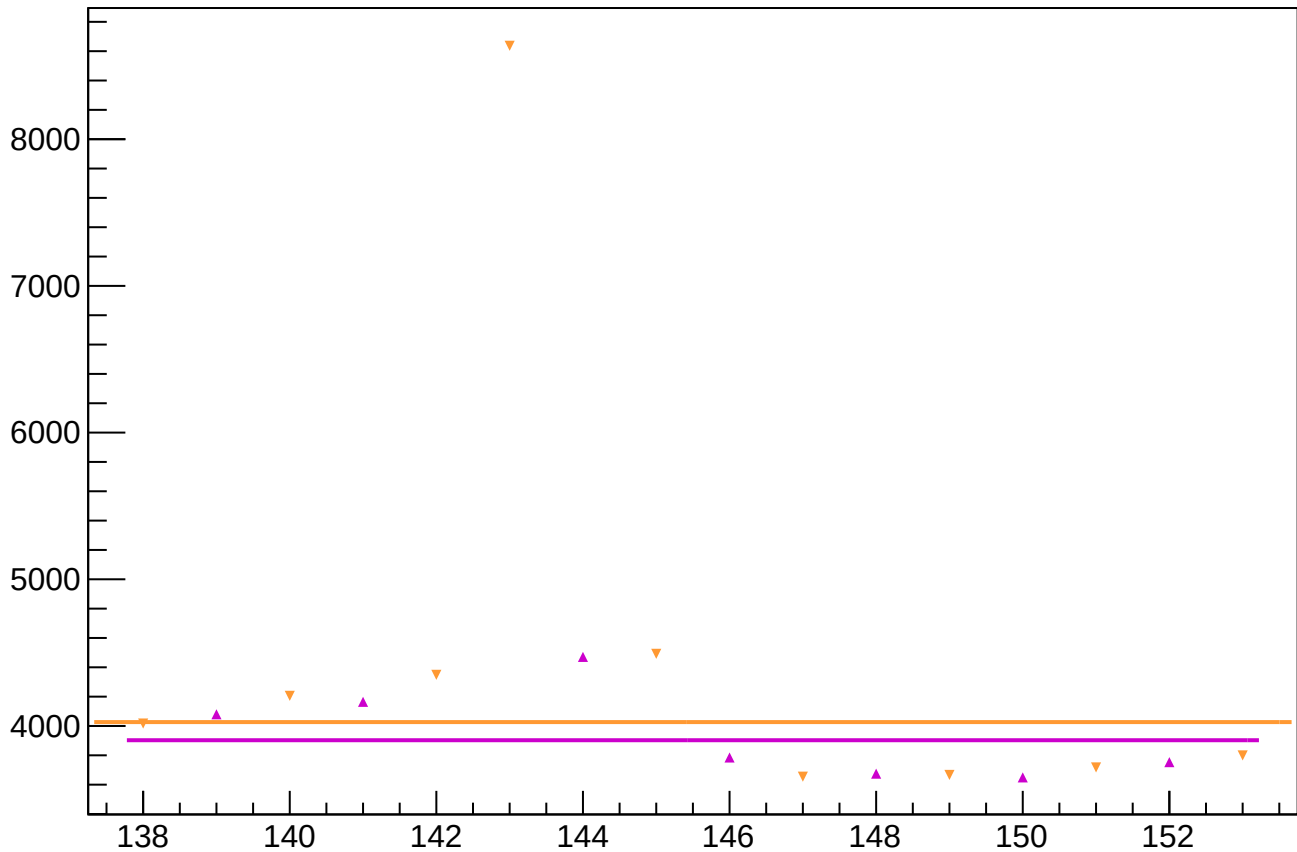
Left In: 657.740+/-1623.150 χ^2/NDF : 5.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.957+/-1139.472 χ^2/NDF : 13.1/15

- 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: 4026.539+/-1.131 χ^2/NDF : 450882.3/8

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

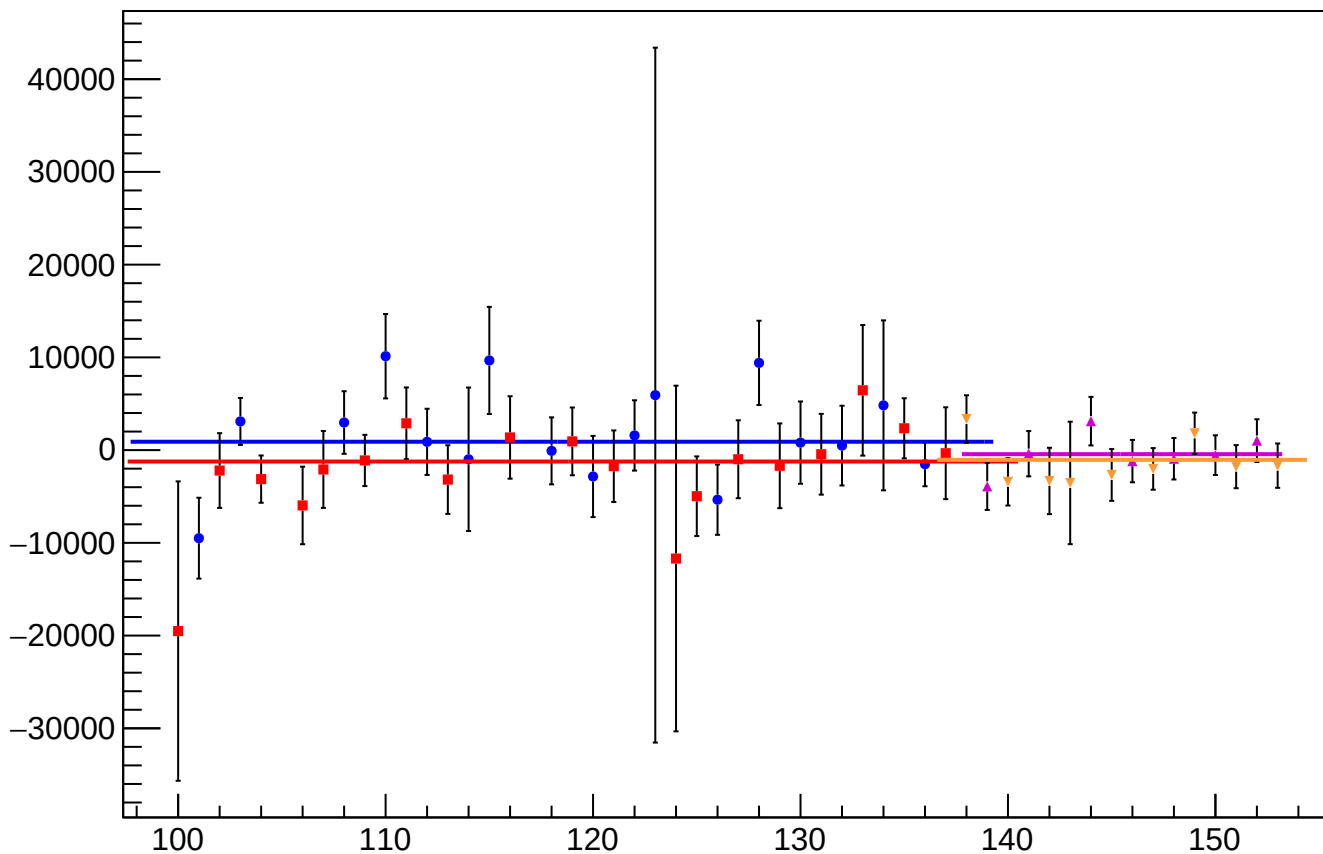
Left In: 3902.910+/-1.148 χ^2/NDF : 56105.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3965.612+/-0.806 χ^2/NDF : 512872.5/15

- 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: -1049.306 $\pm$ 879.229 χ^2 /NDF: 6.7/8

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

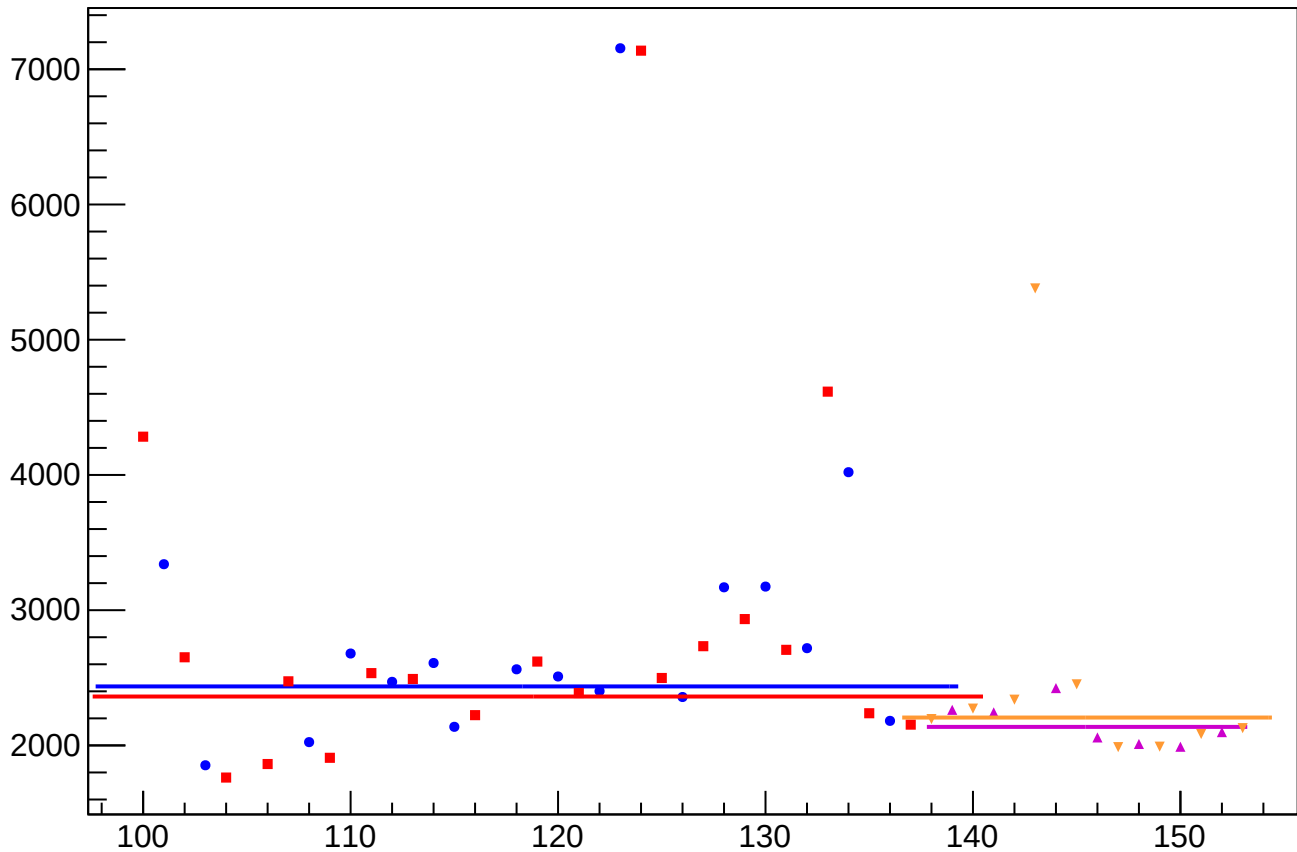
Left In: -436.622 $\pm$ 888.564 χ^2 /NDF: 4.3/6

+ sign -160.533 $\pm$ 648.976 χ^2 /NDF: 30.5/25

All: -493.353 $\pm$ 455.982 χ^2 /NDF: 44.6/51

- sign -817.852 $\pm$ 640.813 χ^2 /NDF: 13.6/25

asym_at2_dd_rms vs Slug



Right In: 2436.256 $\pm$ 0.680 χ^2 /NDF: 468552.3/16

Left Out: 2206.134 $\pm$ 0.622 χ^2 /NDF: 526609.8/8

Right Out: 2361.558 $\pm$ 0.654 χ^2 /NDF: 655845.9/18

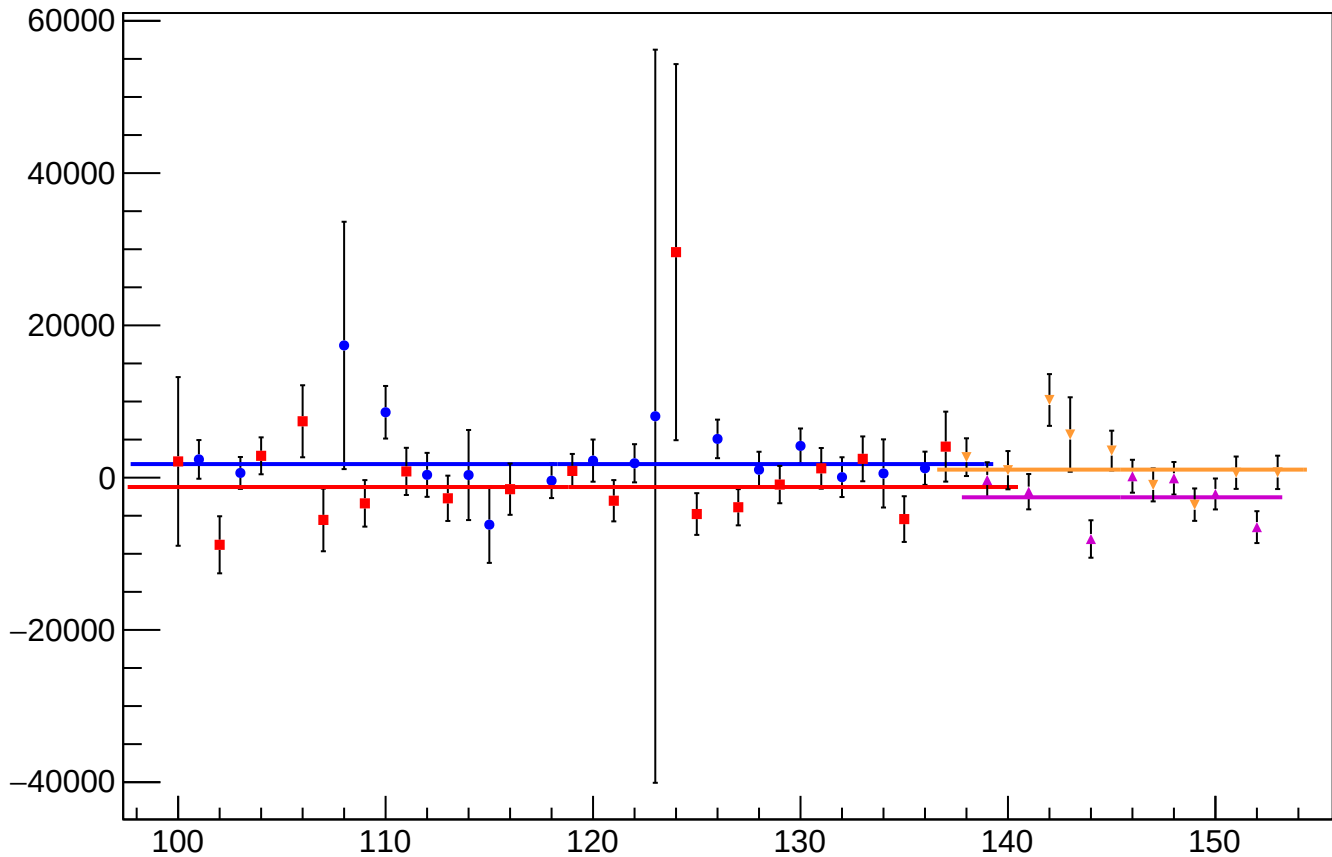
Left In: 2136.951 $\pm$ 0.628 χ^2 /NDF: 51513.0/6

+ sign 2310.881 $\pm$ 0.459 χ^2 /NDF: 1057525.3/25

All: 2277.392 $\pm$ 0.322 χ^2 /NDF: 1836729.9/51

- sign 2244.741 $\pm$ 0.453 χ^2 /NDF: 768686.5/25

dit_asym_atl_avg_mean vs Slug



Right In: 1783.505+/-694.403 χ^2/NDF : 12.4/16

Left Out: 1055.294+/-827.764 χ^2/NDF :15.1/8

Right Out: -1229.293+/-708.144 χ^2/NDF : 24.2/18

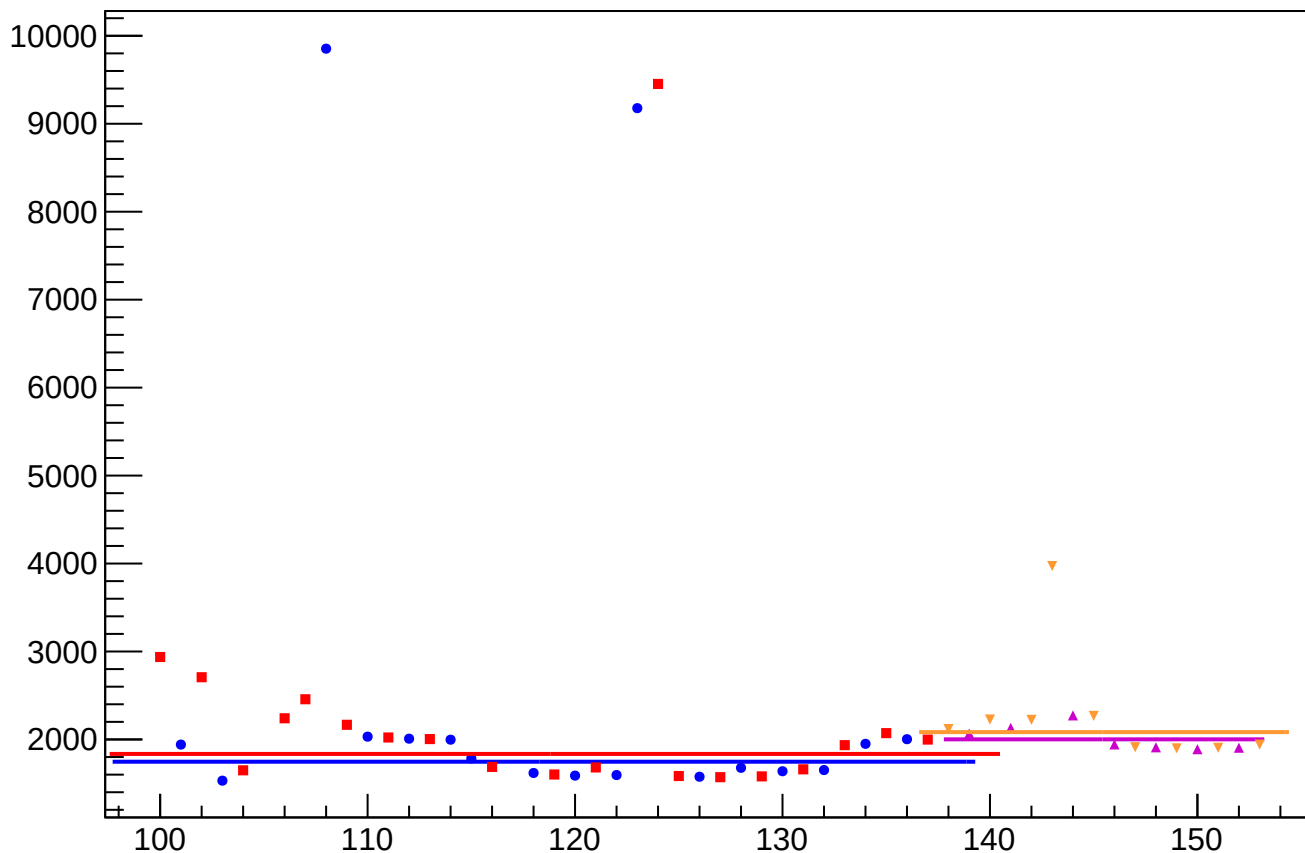
Left In: -2579.005+/-833.624 χ^2/NDF :12.6/6

+ sign 1482.714+/-531.999 χ^2/NDF : 27.9/25

All: -132.595+/-378.874 χ^2/NDF : 85.0/51

- sign -1795.023+/-539.702 χ^2/NDF : 38.3/25

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2083.644+/-0.585 χ^2 /NDF: 368502.9/8

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

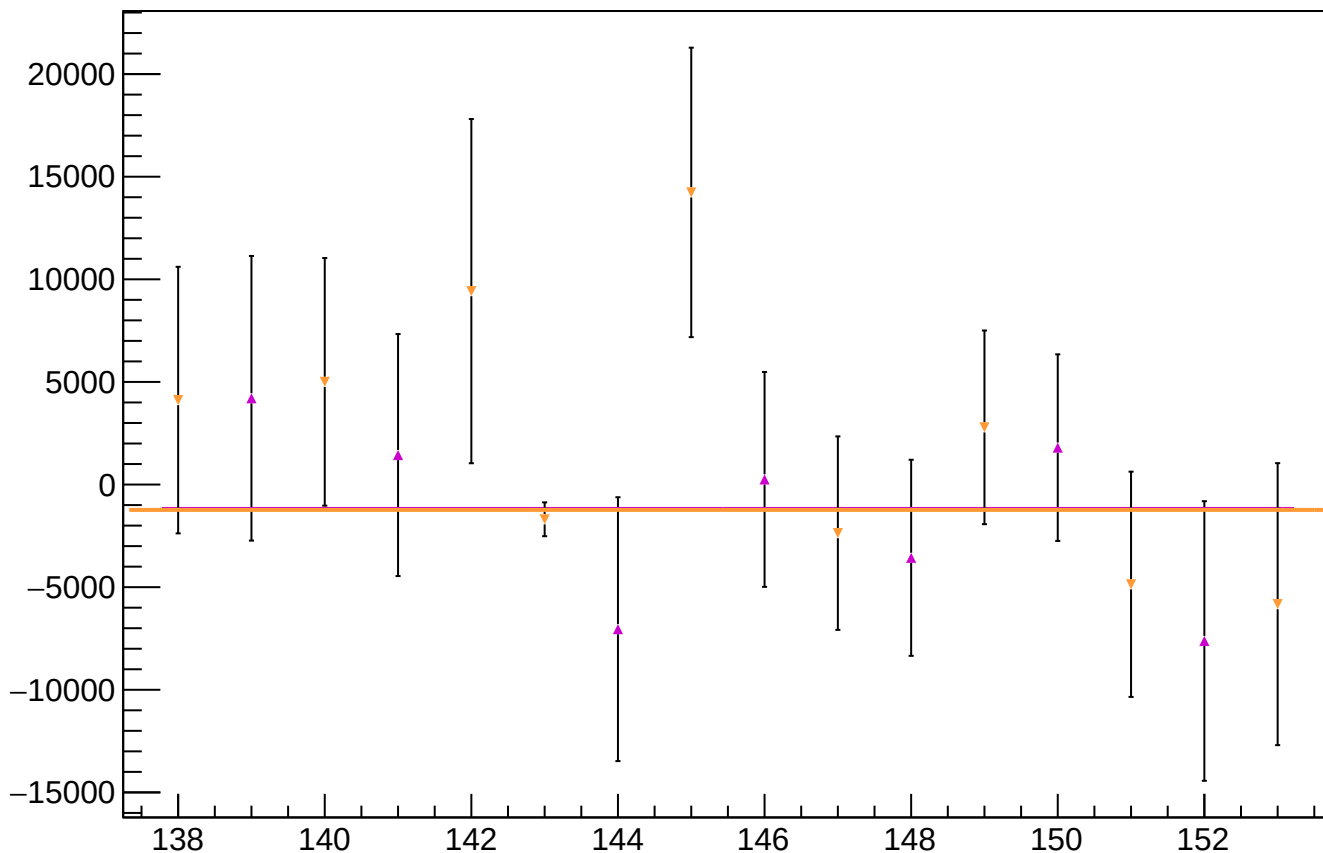
Left In: 2001.413+/-0.589 χ^2 /NDF: 47627.9/6

+ sign 1885.956+/-0.376 χ^2 /NDF: 1245334.2/25

All: 1895.296+/-0.268 χ^2 /NDF: 1890725.9/51

- sign 1904.895+/-0.381 χ^2 /NDF: 644141.8/25

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1235.184+/-766.621 χ^2/NDF : 10.2/8

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

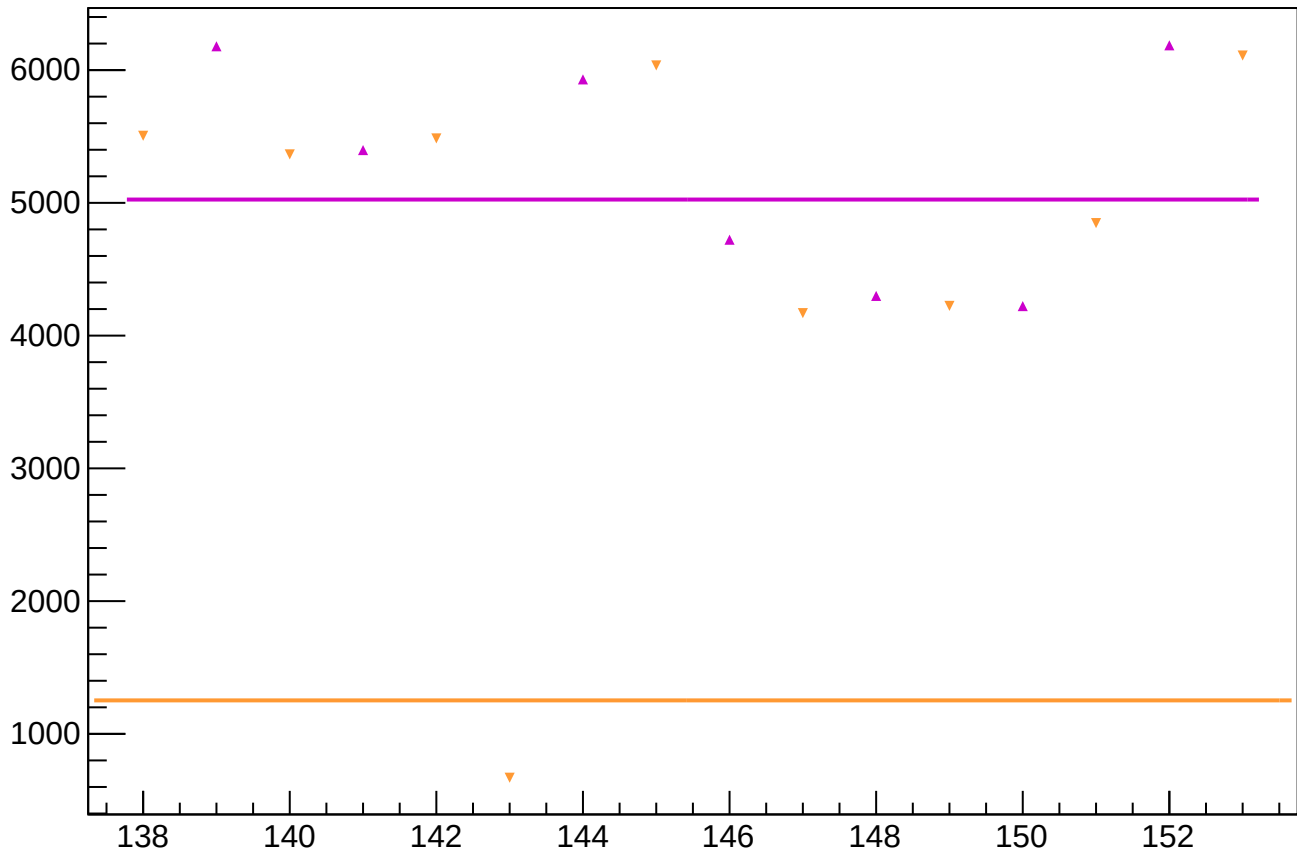
Left In: -1188.298+/-2112.857 χ^2/NDF : 3.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1229.730+/-720.651 χ^2/NDF : 13.4/15

- 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: 1252.256+/-0.542 χ^2/NDF : 7633565.0/8

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

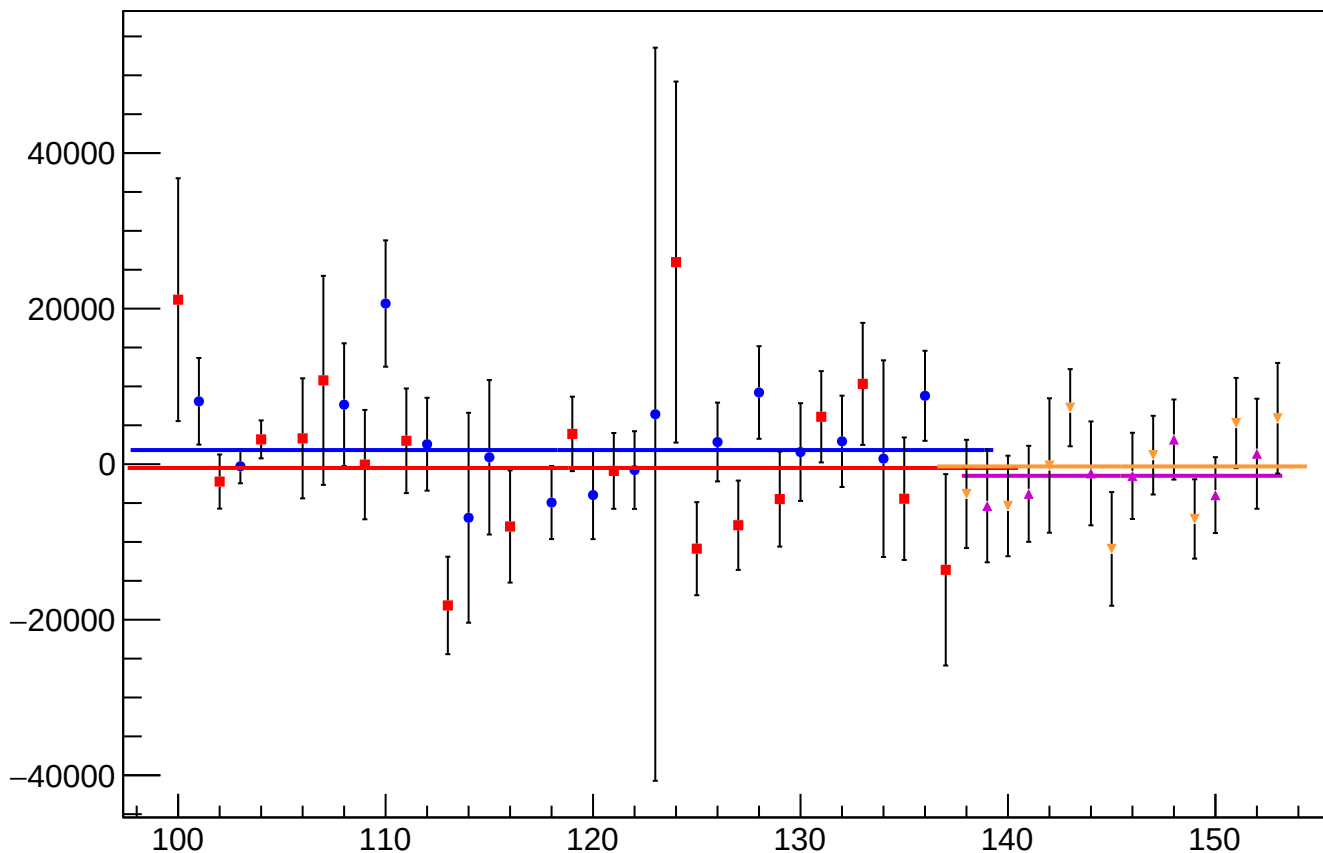
Left In: 5024.944+/-1.494 χ^2/NDF : 276470.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1691.151+/-0.510 χ^2/NDF : 13544846.4/1

- 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: -289.171+/-2022.982 χ^2/NDF : 8.8/8

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

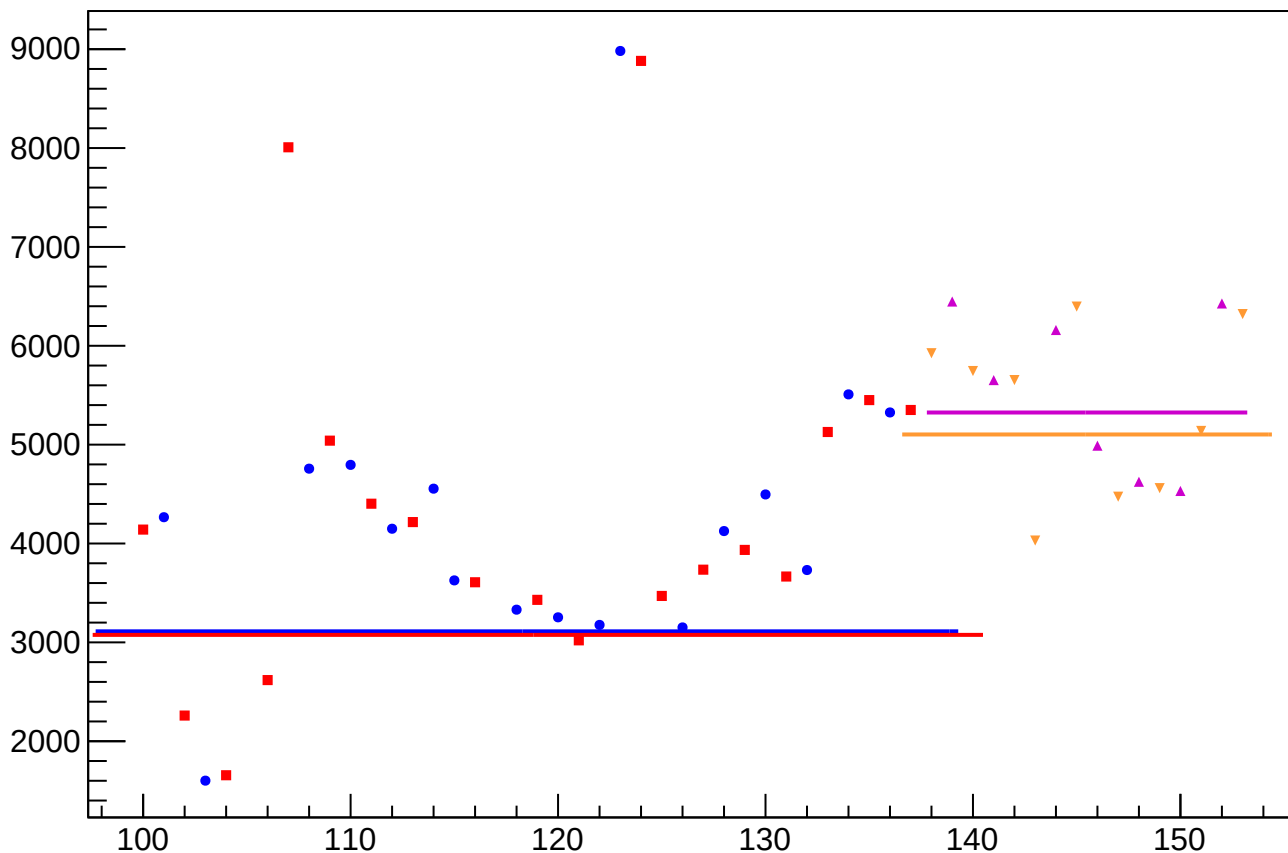
Left In: -1493.182+/-2235.943 χ^2/NDF : 1.7/6

+ sign 1198.632+/-1094.433 χ^2/NDF : 24.6/25

All: 248.110+/-780.988 χ^2/NDF : 54.4/51

- sign -738.150+/-1114.818 χ^2/NDF : 28.3/25

asym_atl_avg_rms vs Slug



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

Left Out: 5102.886+/-1.430 χ^2/NDF : 324260.9/8

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

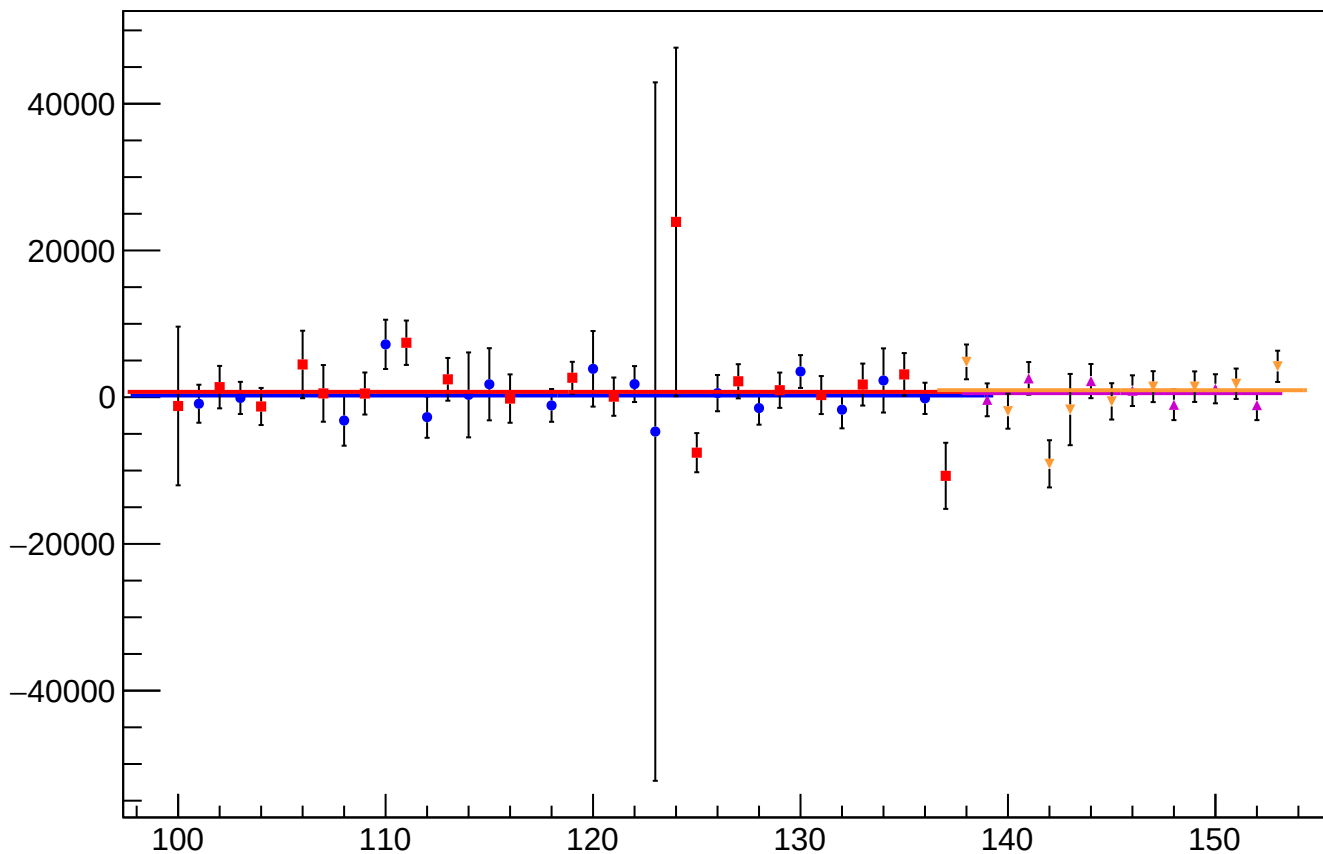
Left In: 5325.010+/-1.581 χ^2/NDF : 230786.0/6

+ sign 3694.378+/-0.774 χ^2/NDF : 3573968.6/25

All: 3658.843+/-0.549 χ^2/NDF : 7350206.3/51

- sign 3622.773+/-0.780 χ^2/NDF : 3771989.0/25

dit_asym_atl_dd_mean vs Slug



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

Left Out: 949.945+/-799.619 χ^2/NDF : 17.1/8

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

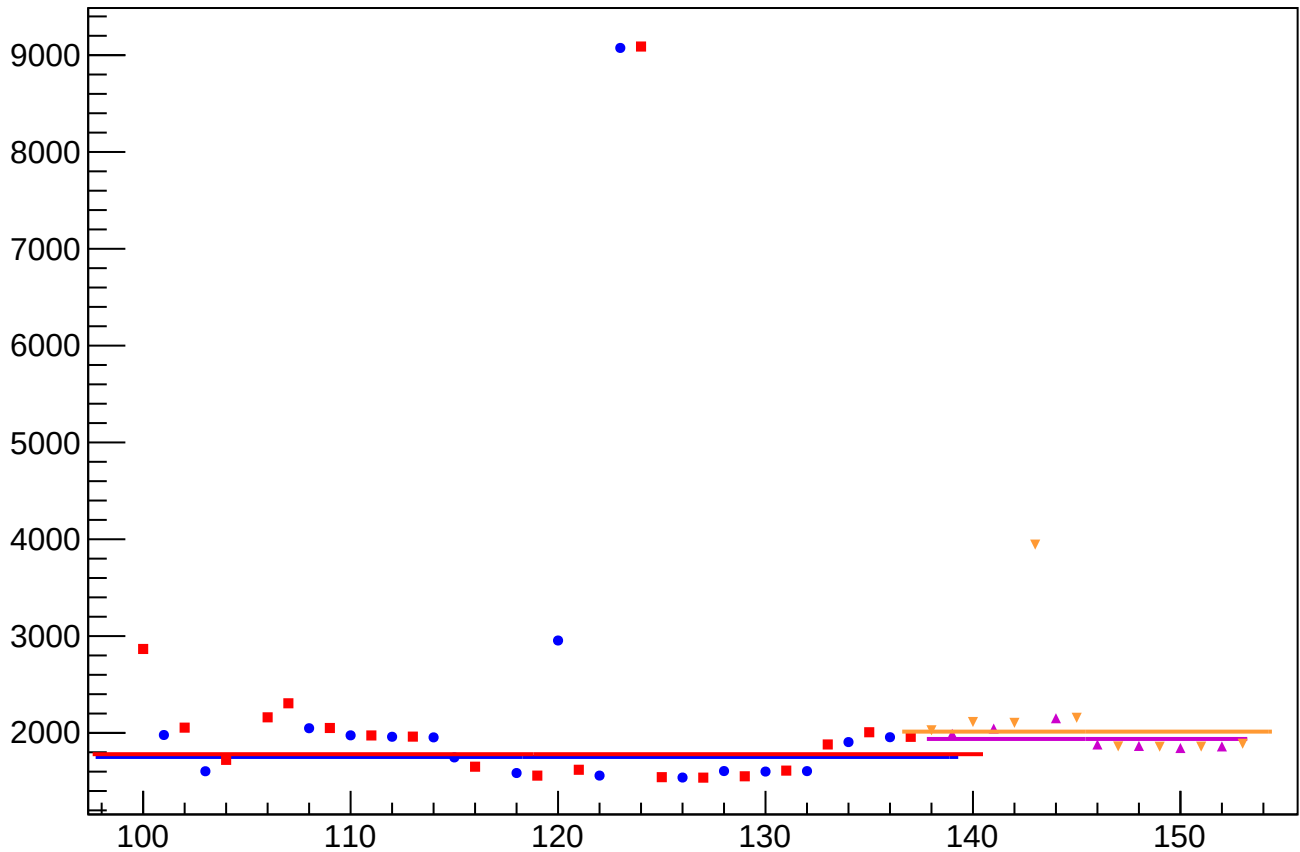
Left In: 552.358+/-806.402 χ^2/NDF : 2.8/6

+ sign 536.971+/-520.996 χ^2/NDF : 29.1/25

All: 595.117+/-368.650 χ^2/NDF : 57.8/51

- sign 653.421+/-521.704 χ^2/NDF : 28.7/25

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2013.328+/-0.565 χ^2/NDF : 367892.2/8

+ sign 1862.854+/-0.368 χ^2/NDF : 791863.2/25

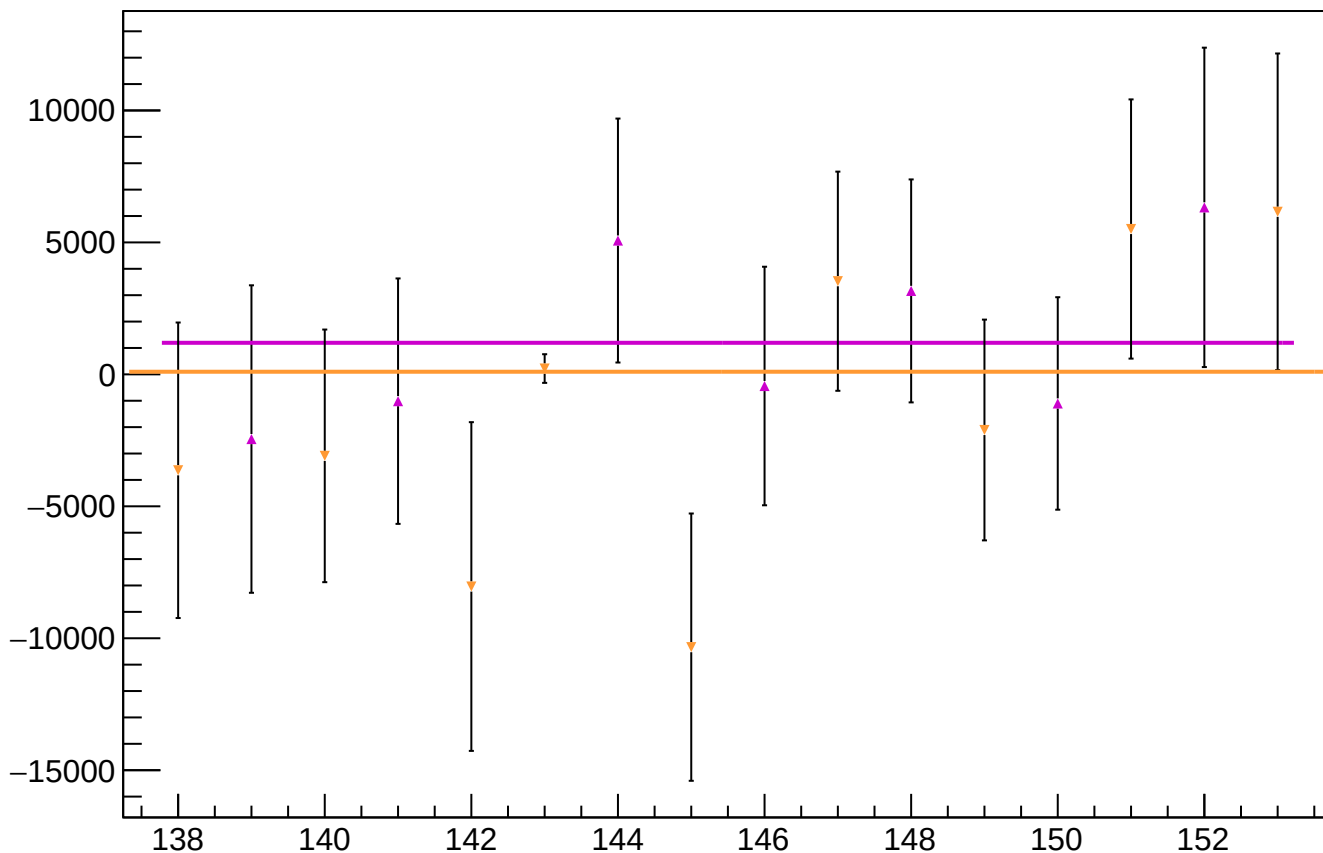
Right Out: 1780.209+/-0.483 χ^2/NDF : 428327.5/18

All: 1854.405+/-0.261 χ^2/NDF : 1299418.9/51

- sign 1845.949+/-0.369 χ^2/NDF : 506503.3/25

Left In: 1937.567+/-0.570 χ^2/NDF : 33835.8/6

asym_atl_dd_correction_mean vs Slug



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

Left Out: 99.596+/-518.669 χ^2/NDF :10.1/8

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

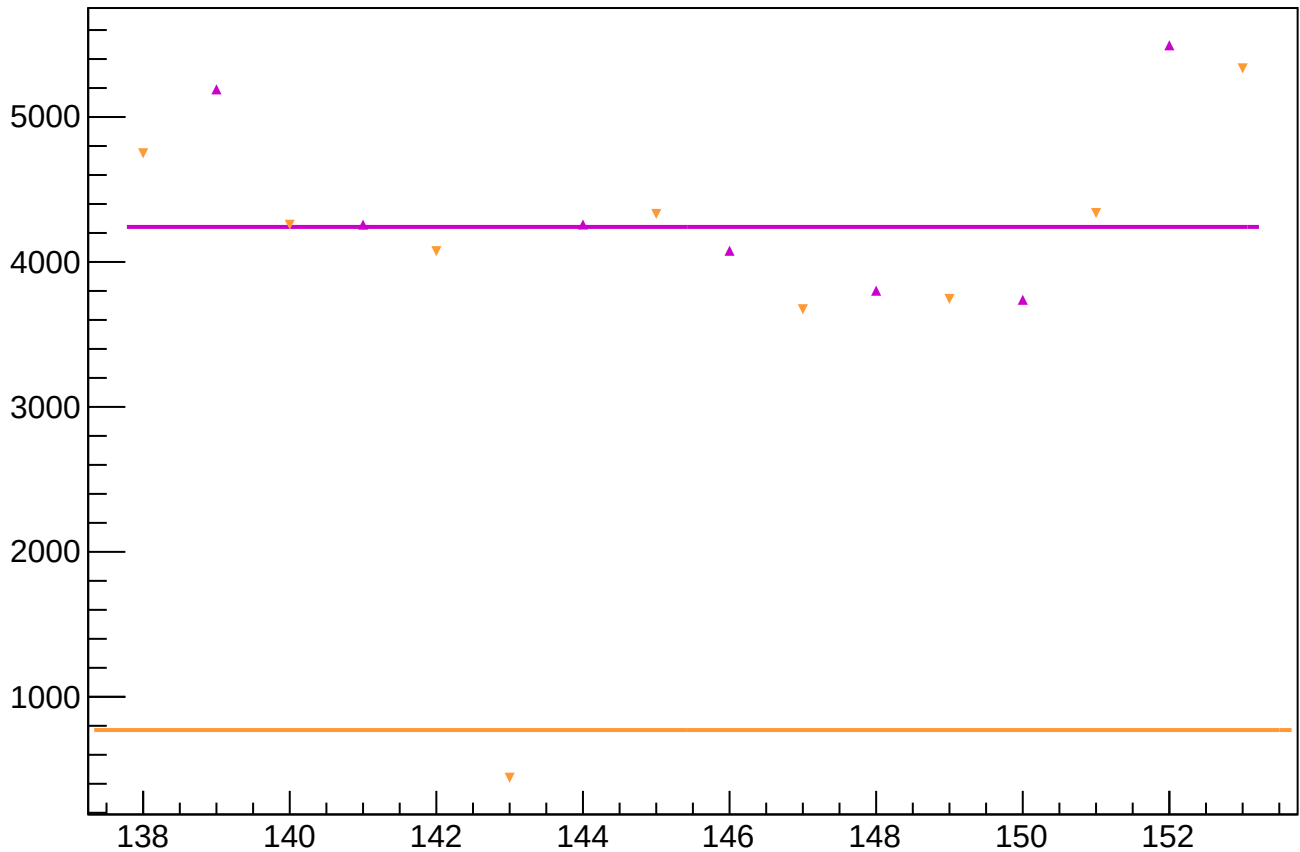
Left In: 1195.893+/-1777.475 χ^2/NDF :2.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.619+/-497.904 χ^2/NDF : 13.2/15

- 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: 770.704+/-0.367 χ^2/NDF : 8558125.7/8

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

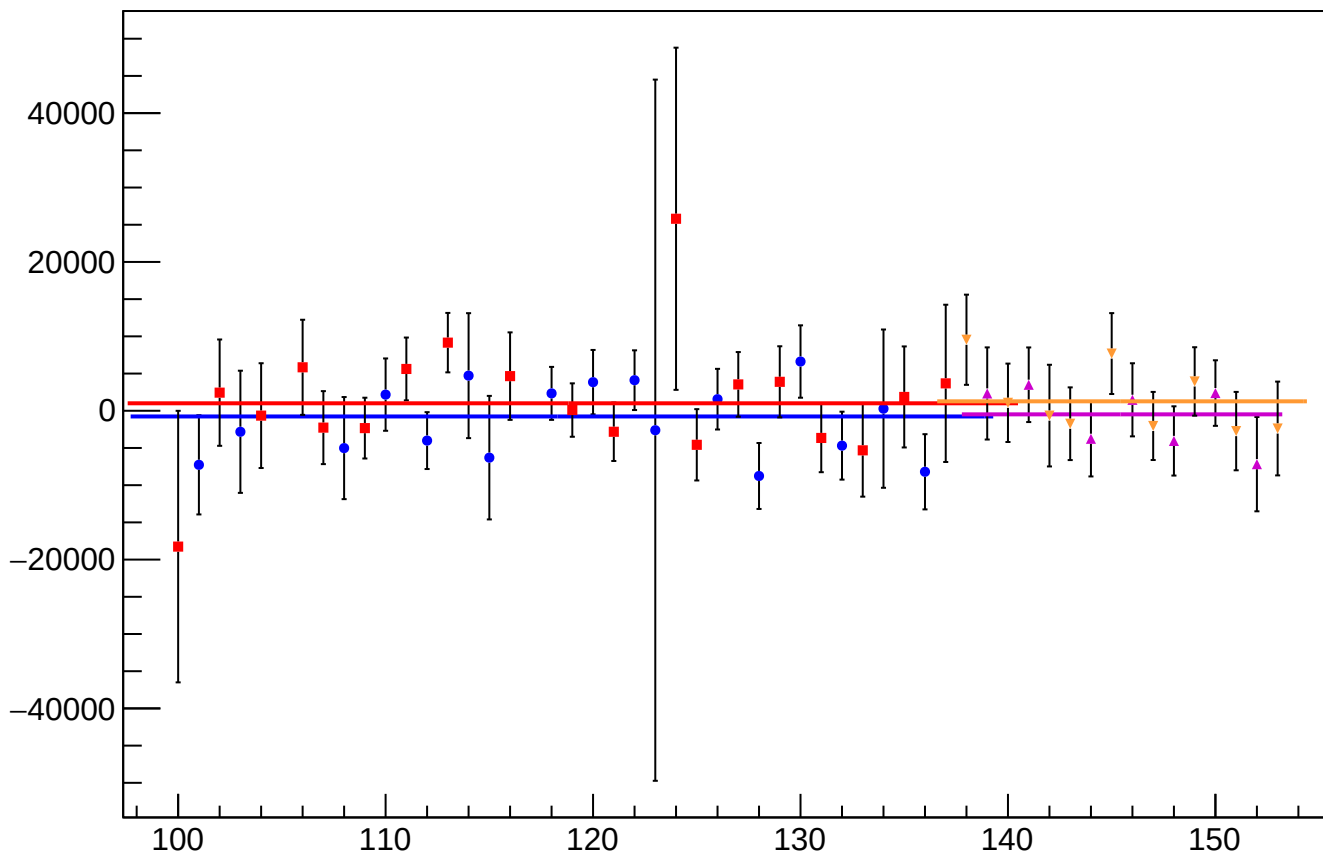
Left In: 4241.753+/-1.257 χ^2/NDF : 194364.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.065+/-0.352 χ^2/NDF : 15780880.3/1

- 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: 1269.539 ± 1776.947 χ^2/NDF : 5.5/8

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

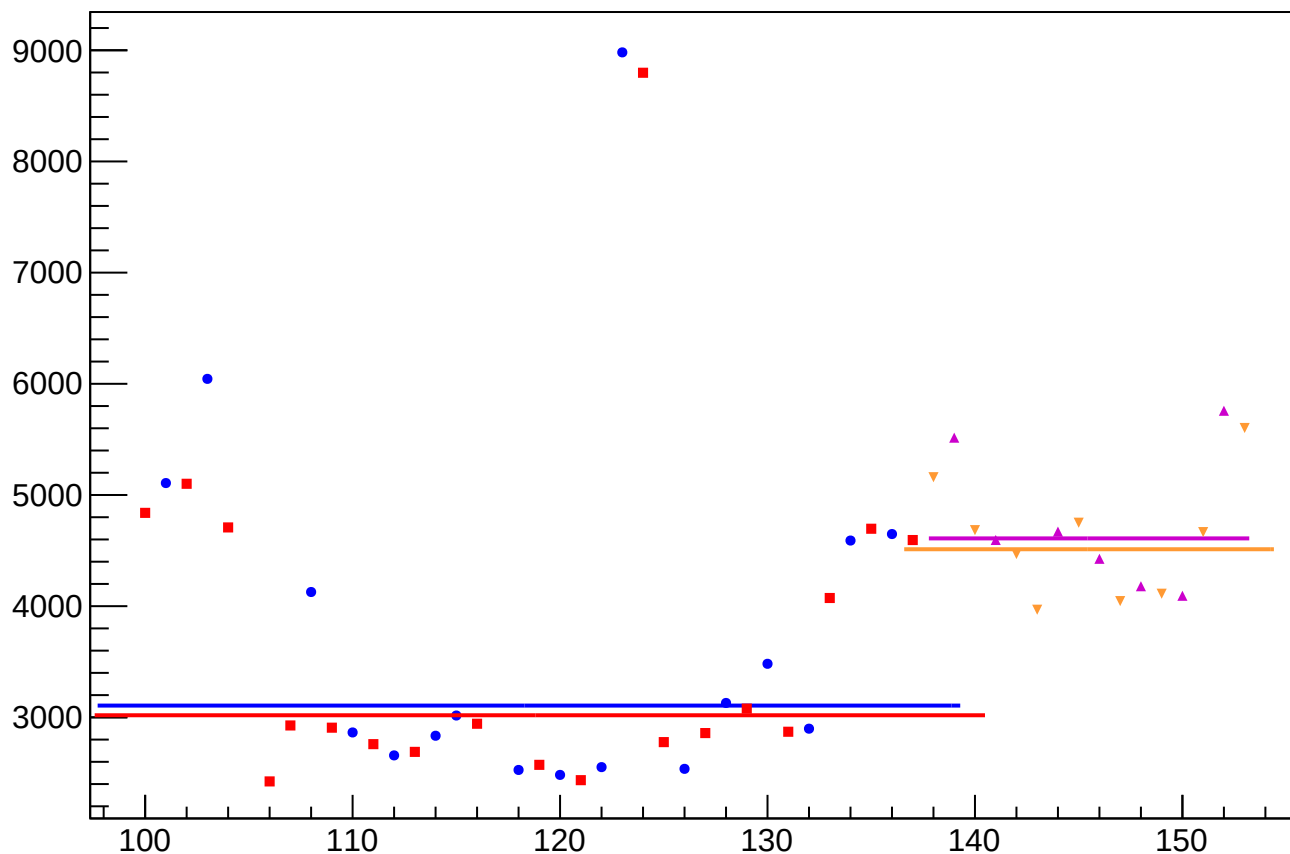
Left In: -481.330 ± 1928.279 χ^2/NDF : 3.5/6

+ sign -93.223 ± 1021.121 χ^2/NDF : 21.9/25

All: 253.182 ± 719.286 χ^2/NDF : 41.1/51

- sign 594.350 ± 1013.371 χ^2/NDF : 19.0/25

asym_atl_dd_rms vs Slug



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

Left Out: 4512.027+/-1.256 χ^2/NDF :151234.2/8

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

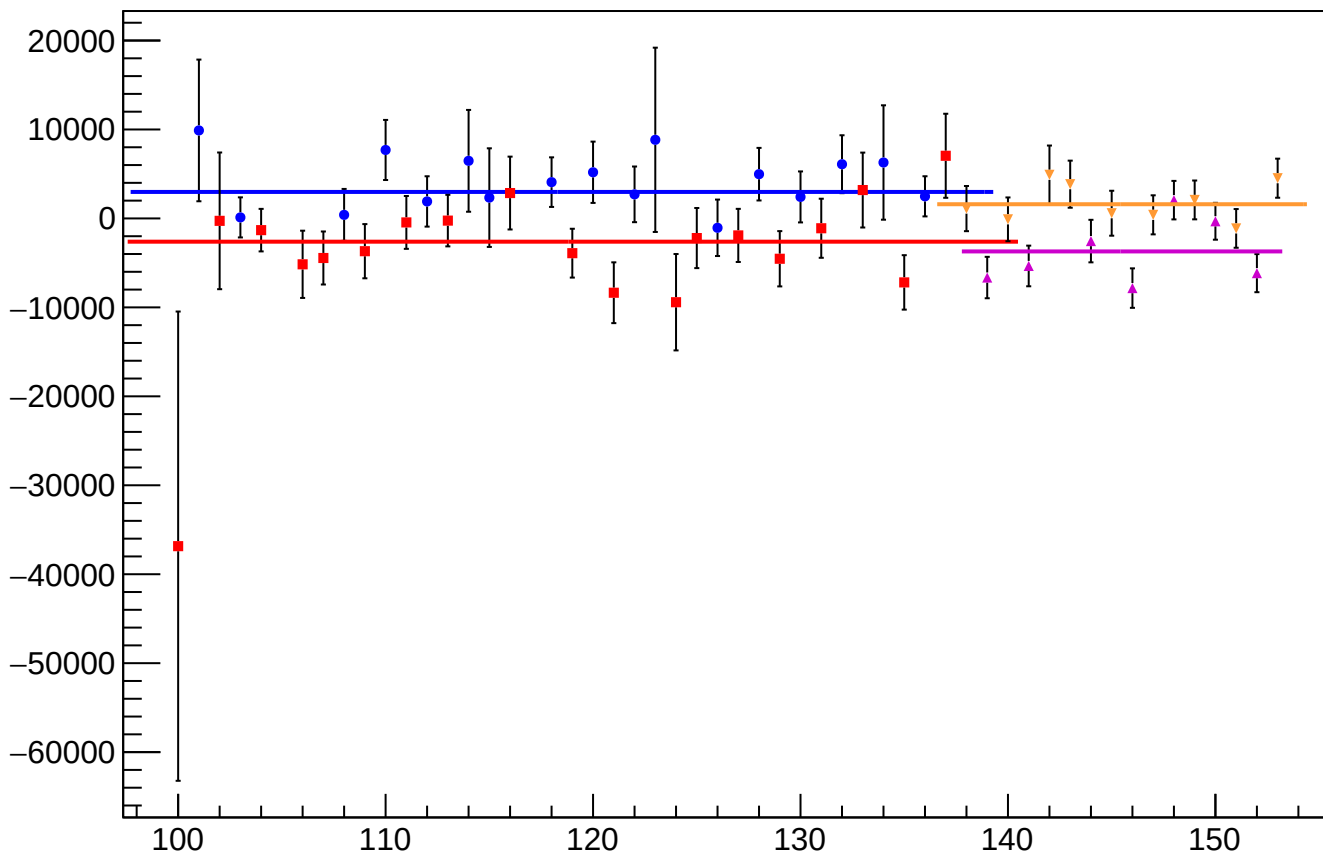
Left In: 4609.563+/-1.363 χ^2/NDF :156085.5/6

+ sign 3570.196+/-0.722 χ^2/NDF : 1949928.9/25

All: 3509.196+/-0.506 χ^2/NDF : 3906347.5/51

- sign 3450.202+/-0.710 χ^2/NDF : 1942378.5/25

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1595.940 $\pm$ 803.720 χ^2 /NDF:6.1/8

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

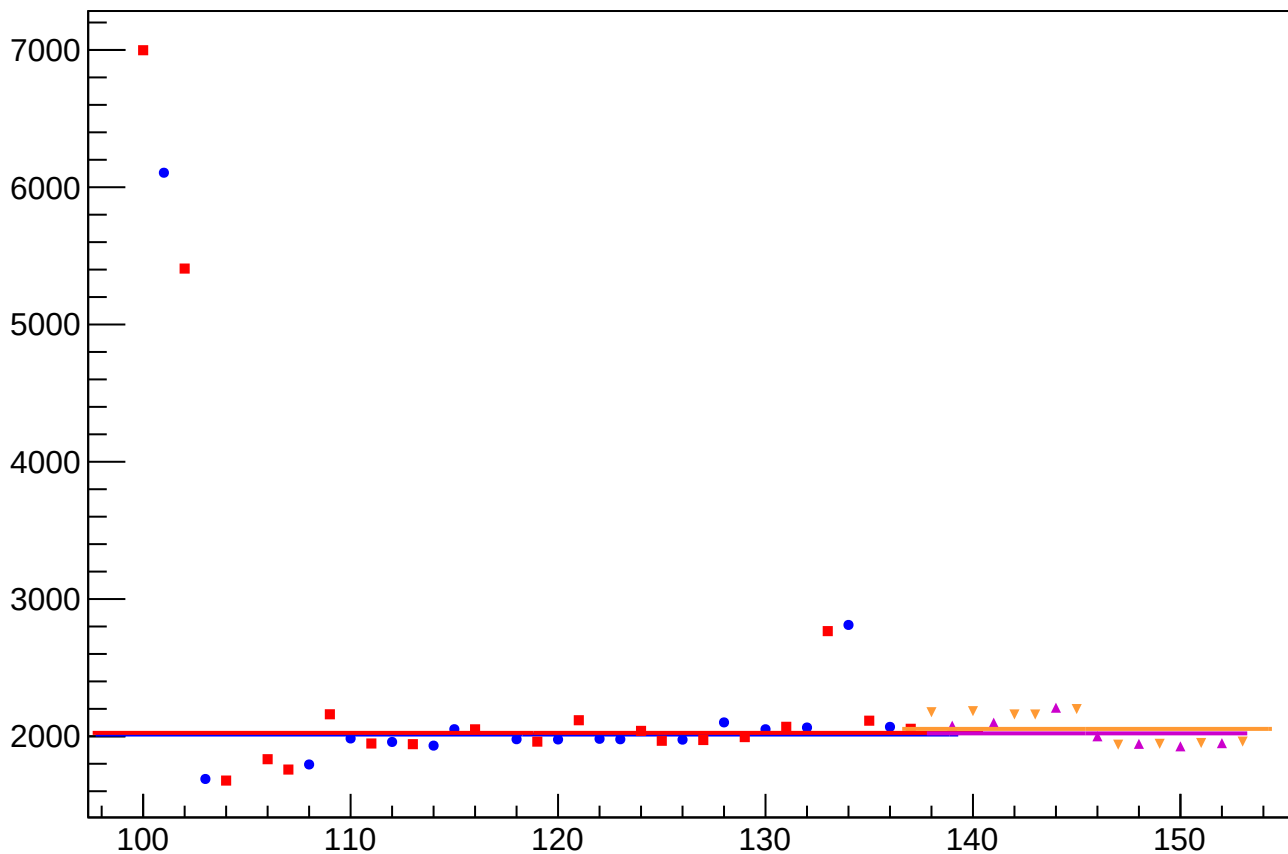
Left In: -3709.908 $\pm$ 839.615 χ^2 /NDF:16.9/6

+ sign 2294.387 $\pm$ 565.351 χ^2 /NDF: 17.4/25

All: -379.637 $\pm$ 402.344 χ^2 /NDF: 100.2/51

- sign -3123.858 $\pm$ 572.723 χ^2 /NDF: 37.4/25

dit_asym_atr_avg_rms vs Slug



Right In: 2012.945+/-0.562 χ^2/NDF : 617707.4/16

Left Out: 2054.023+/-0.568 χ^2/NDF : 40265.4/8

Right Out: 2025.070+/-0.554 χ^2/NDF : 597422.5/18

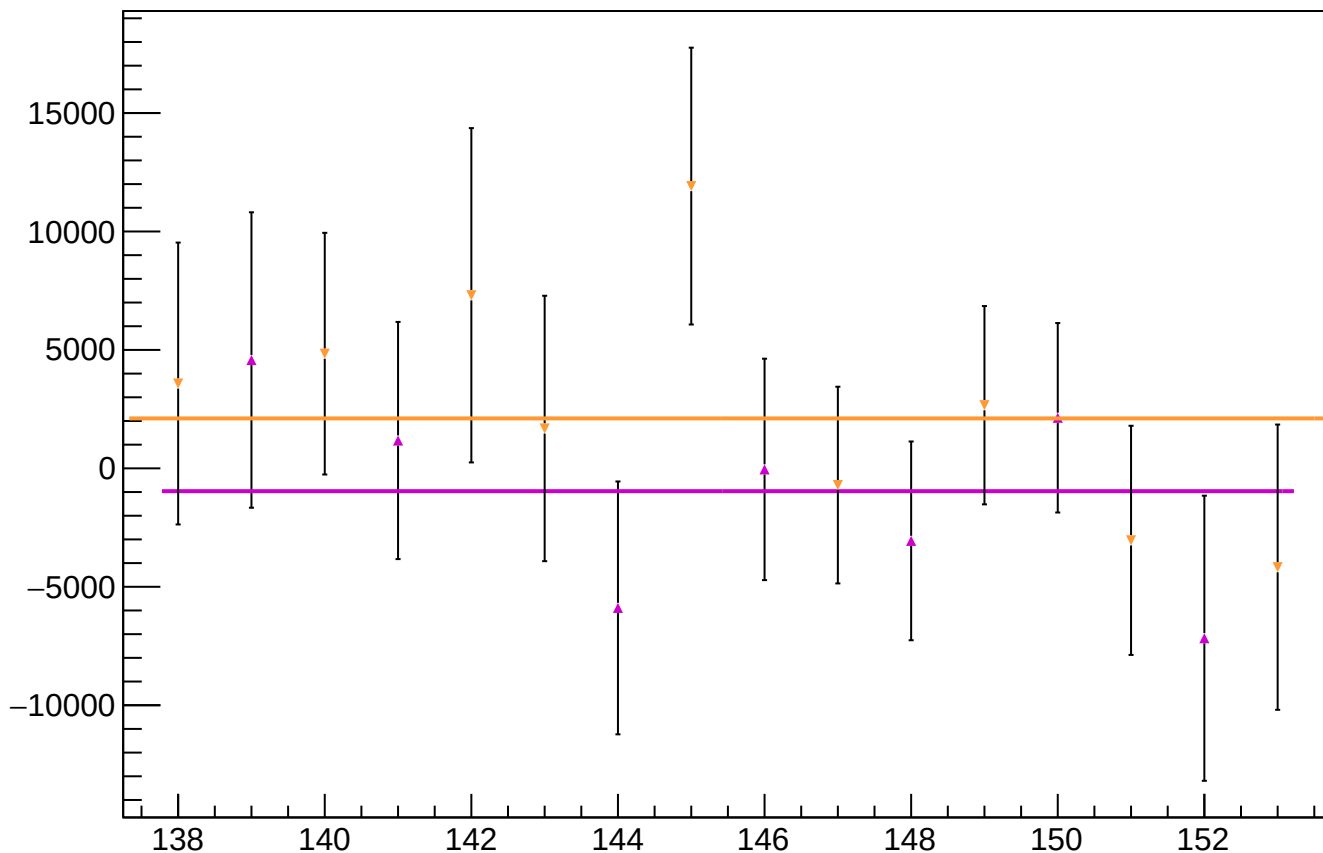
Left In: 2021.429+/-0.594 χ^2/NDF : 24769.2/6

+ sign 2033.270+/-0.400 χ^2/NDF : 660612.1/25

All: 2028.386+/-0.284 χ^2/NDF : 1283126.3/51

- sign 2023.376+/-0.405 χ^2/NDF : 622211.8/25

asym_atr_avg_correction_mean vs Slug



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

Left Out: 2108.627+/-1732.150 χ^2/NDF :6.4/8

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

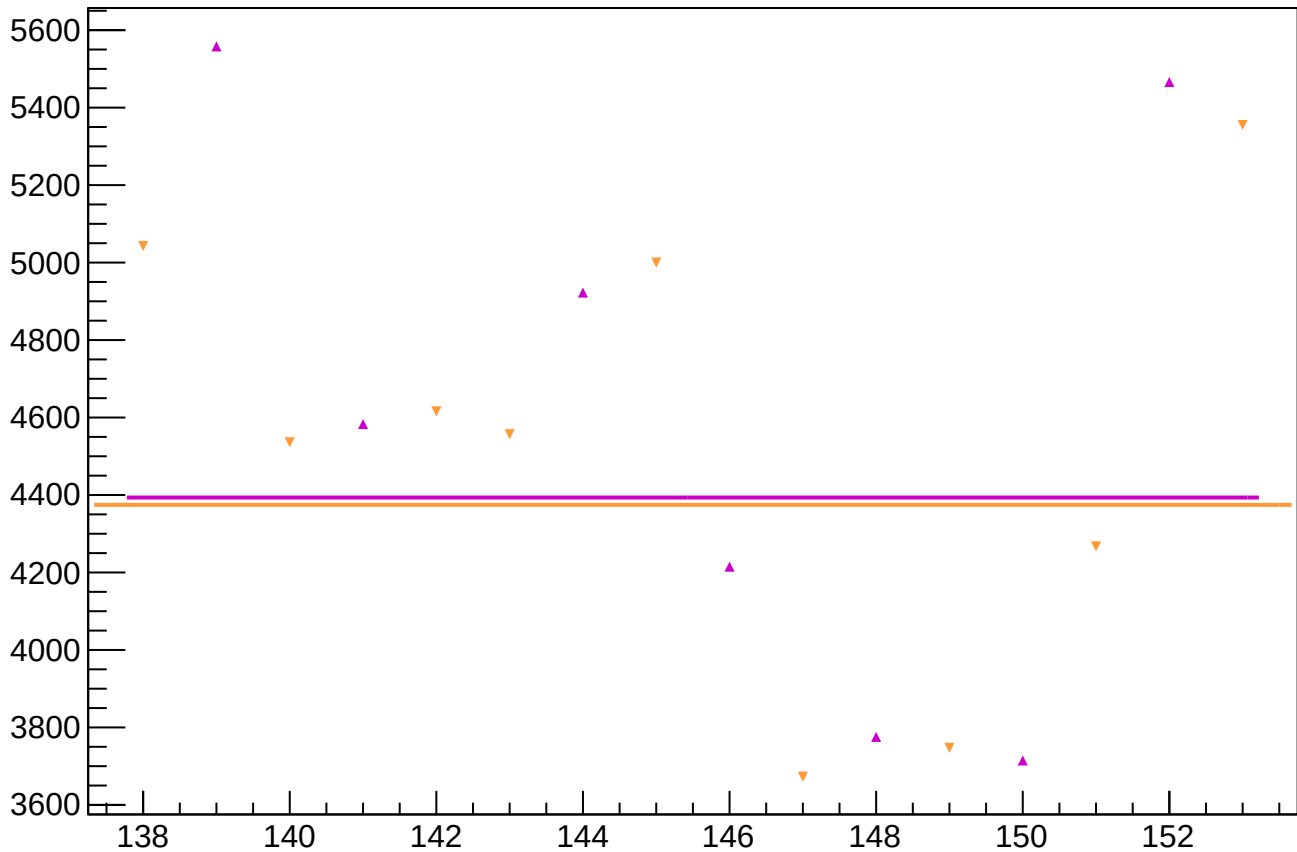
Left In: -963.440+/-1846.064 χ^2/NDF :3.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.296+/-1263.167 χ^2/NDF : 11.7/15

- 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: 4374.605+/-1.225 χ^2/NDF : 210652.3/8

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

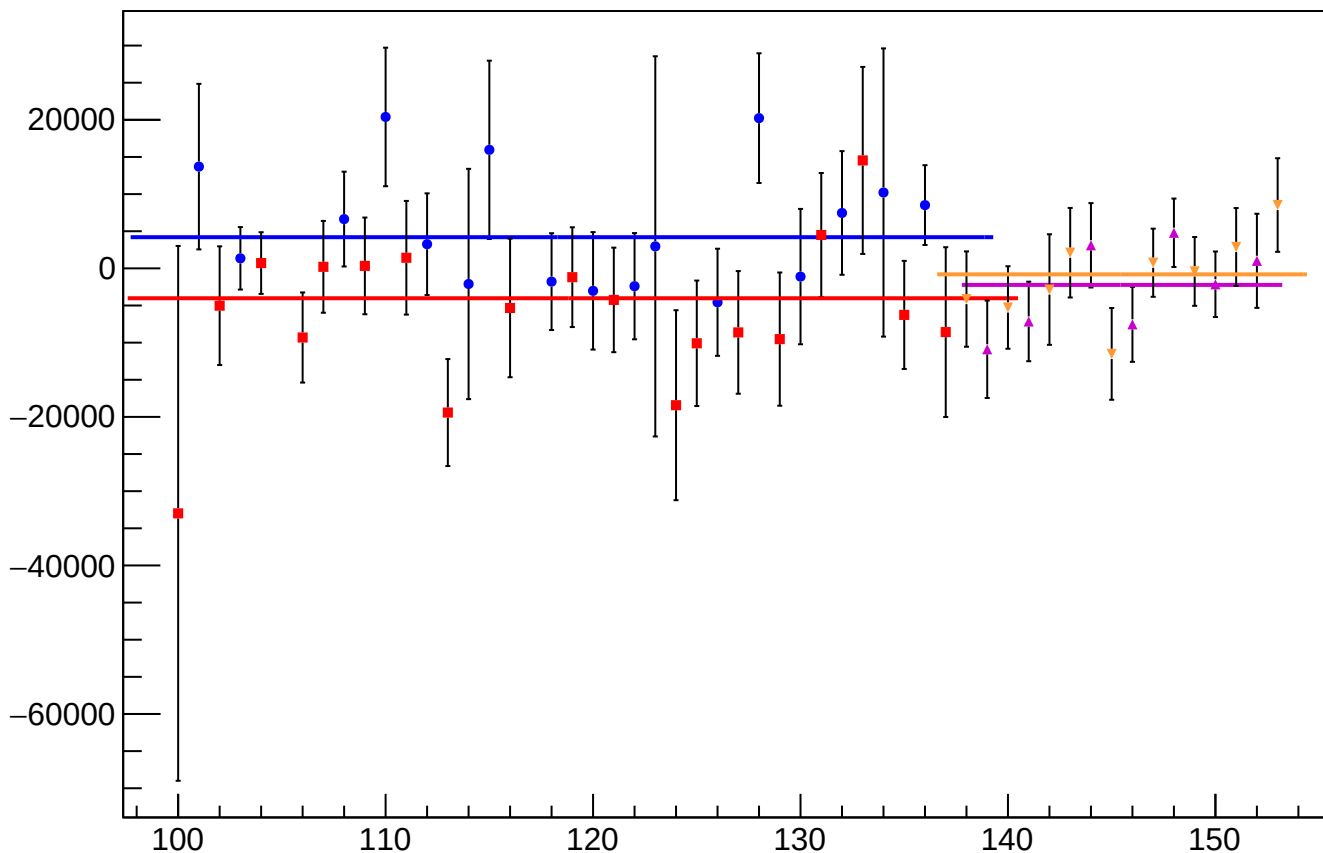
Left In: 4393.474+/-1.305 χ^2/NDF : 259701.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4383.439+/-0.893 χ^2/NDF : 470464.8/15

- 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: -806.898+/-1875.972 χ^2/NDF : 7.0/8

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

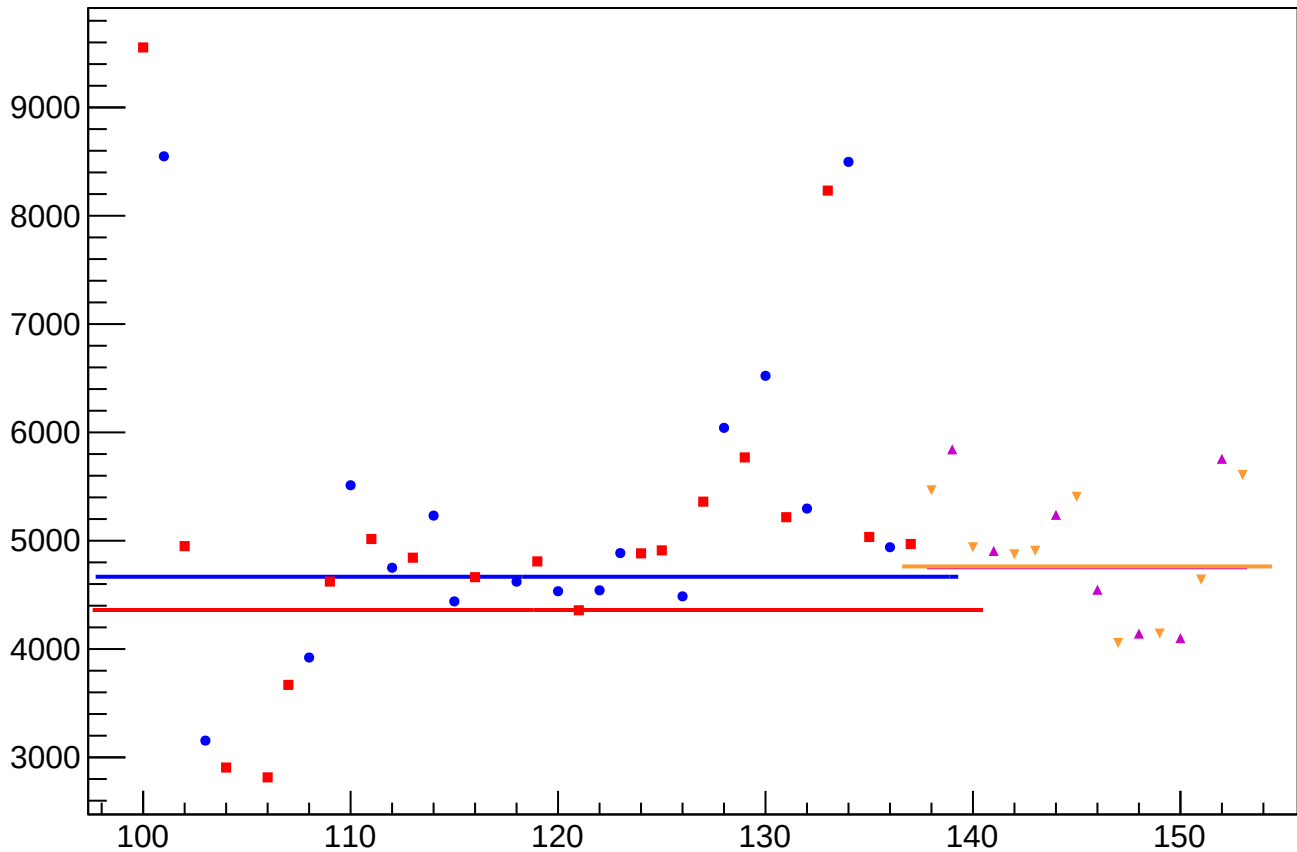
Left In: -2227.293+/-1992.962 χ^2/NDF : 7.2/6

+ sign 1720.294+/-1320.042 χ^2/NDF : 24.7/25

All: -796.658+/-927.819 χ^2/NDF : 54.4/51

- sign -3254.193+/-1304.368 χ^2/NDF : 22.5/25

asym_atr_avg_rms vs Slug



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

Left Out: 4762.662+/-1.327 χ^2/NDF :169461.3/8

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

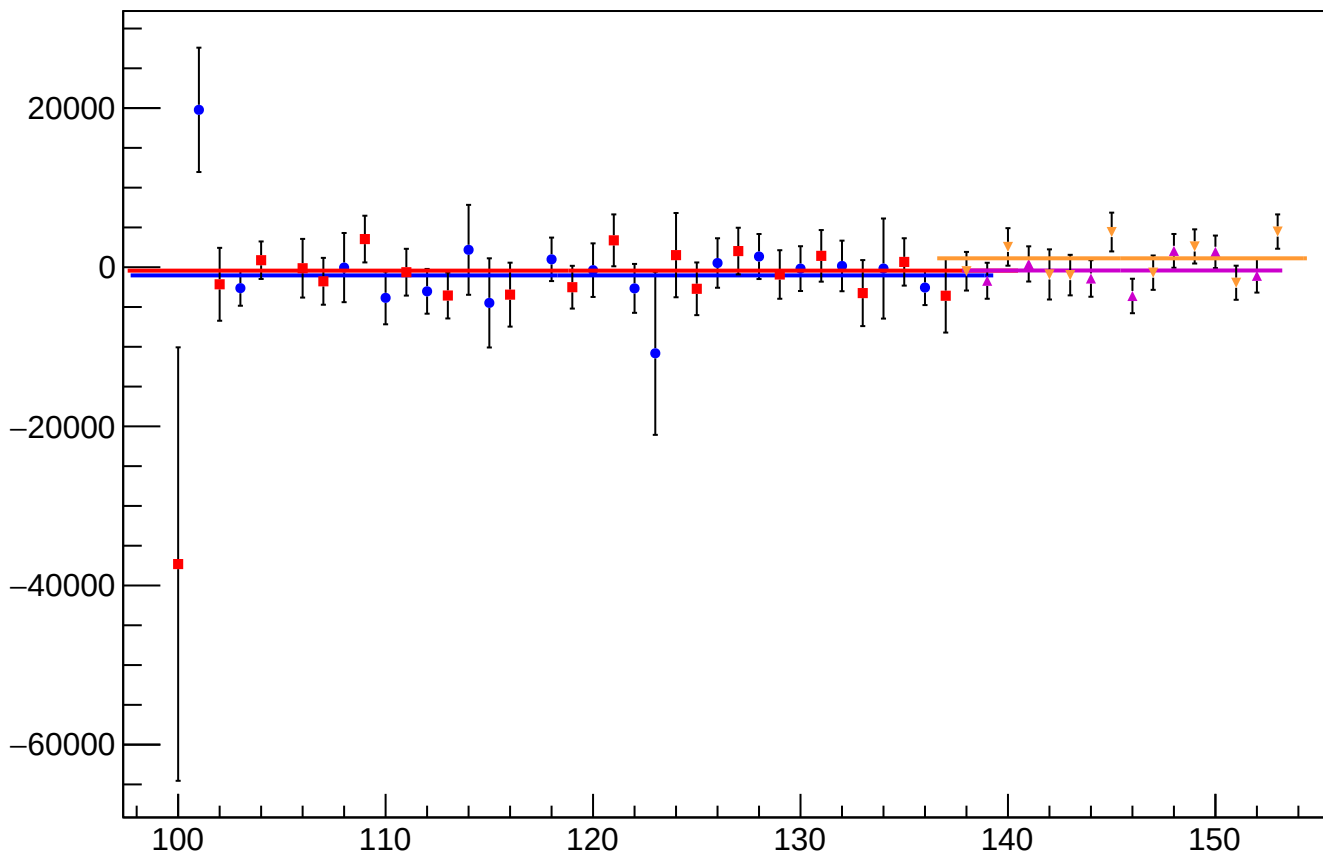
Left In: 4754.836+/-1.409 χ^2/NDF :203921.8/6

+ sign 4714.603+/-0.933 χ^2/NDF : 949919.0/25

All: 4620.053+/-0.655 χ^2/NDF : 2051762.4/51

- sign 4528.345+/-0.919 χ^2/NDF : 1081630.3/25

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1119.839 ± 781.675 χ^2/NDF : 9.4/8

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

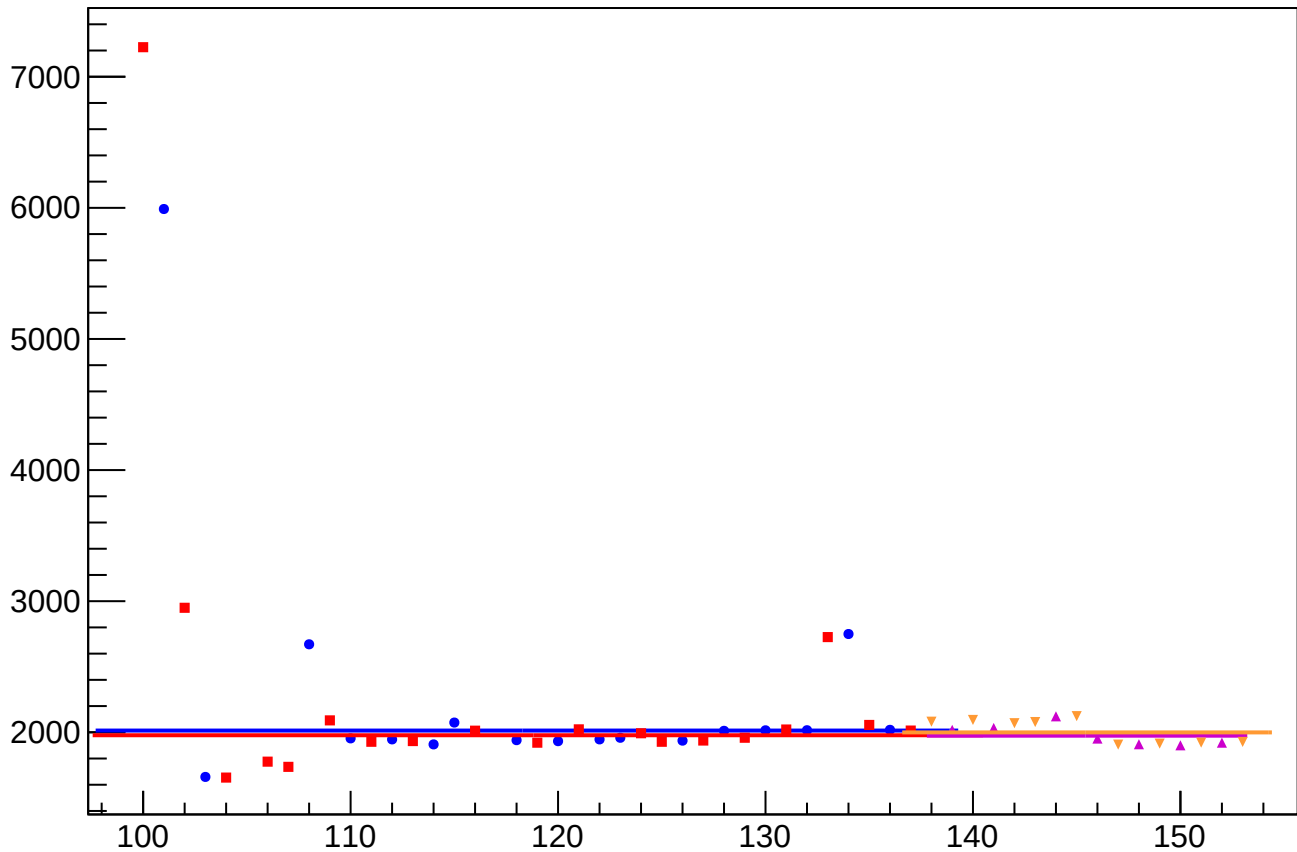
Left In: -409.749 ± 819.647 χ^2/NDF : 5.6/6

+ sign 66.690 ± 557.928 χ^2/NDF : 26.2/25

All: -176.698 ± 394.405 χ^2/NDF : 42.9/51

- sign -419.815 ± 557.618 χ^2/NDF : 16.4/25

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1999.190+/-0.553 χ^2/NDF : 25393.8/8

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

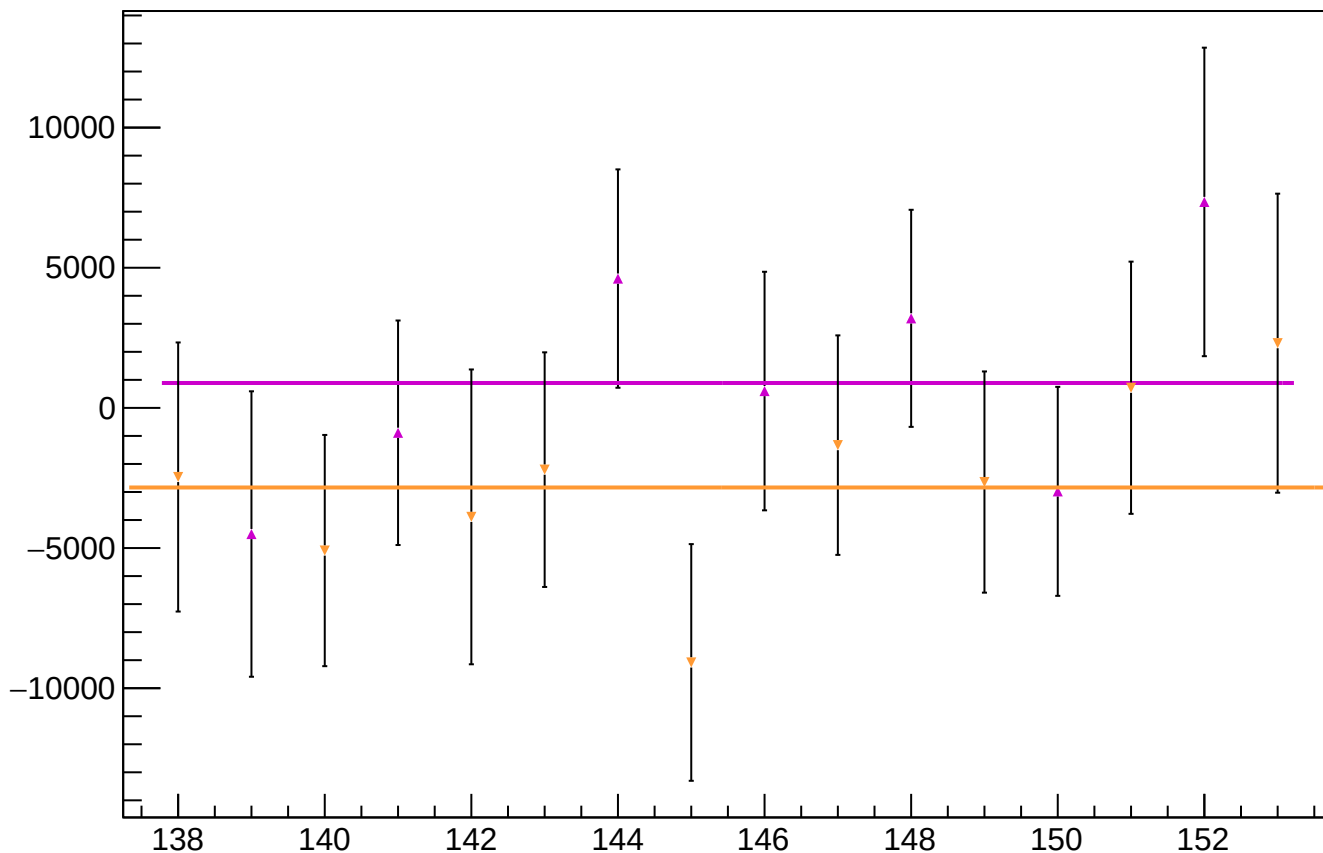
Left In: 1974.231+/-0.580 χ^2/NDF : 16418.8/6

+ sign 2006.097+/-0.395 χ^2/NDF : 675760.7/25

All: 1991.038+/-0.279 χ^2/NDF : 990007.0/51

- sign 1976.013+/-0.394 χ^2/NDF : 311335.5/25

asym_atr_dd_correction_mean vs Slug



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

Left Out: -2839.287+/-1465.598 χ^2/NDF : 4.3/8

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

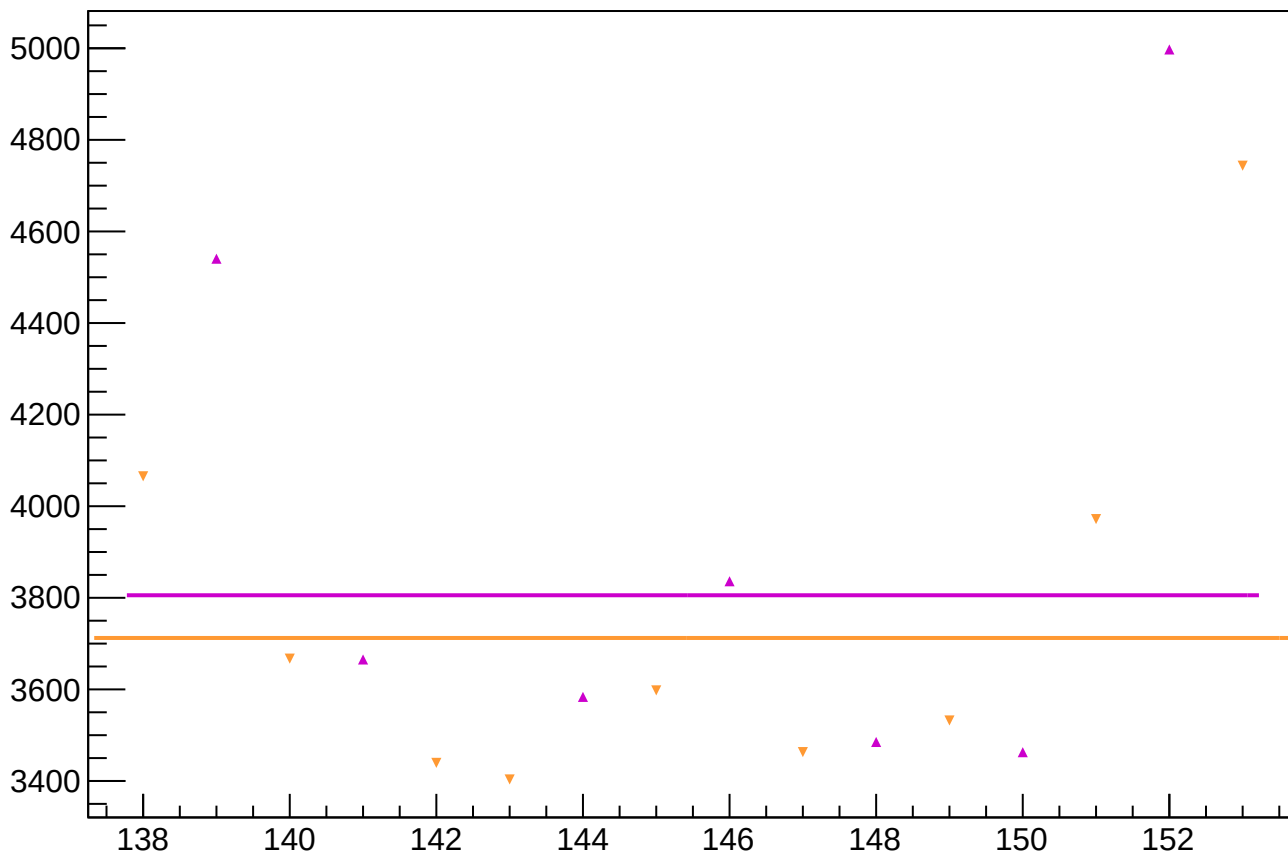
Left In: 888.661+/-1593.695 χ^2/NDF : 5.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1131.135+/-1078.782 χ^2/NDF : 12.3/15

- 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: 3712.289+/-1.036 χ^2/NDF :122504.6/8

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

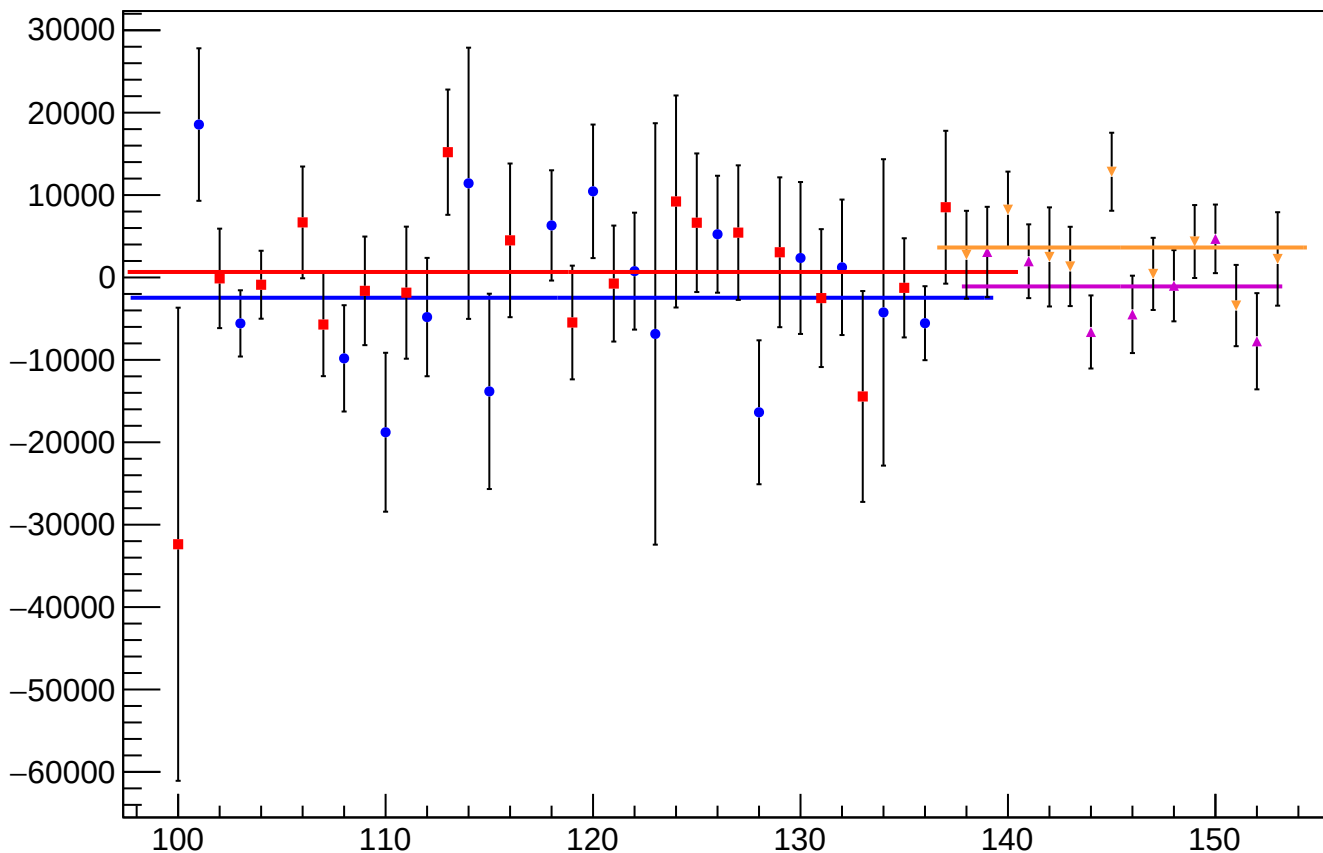
Left In: 3805.558+/-1.127 χ^2/NDF :175109.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3755.025+/-0.763 χ^2/NDF : 301325.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 3636.865 $\pm$ 1637.646 χ^2 /NDF: 7.7/8

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

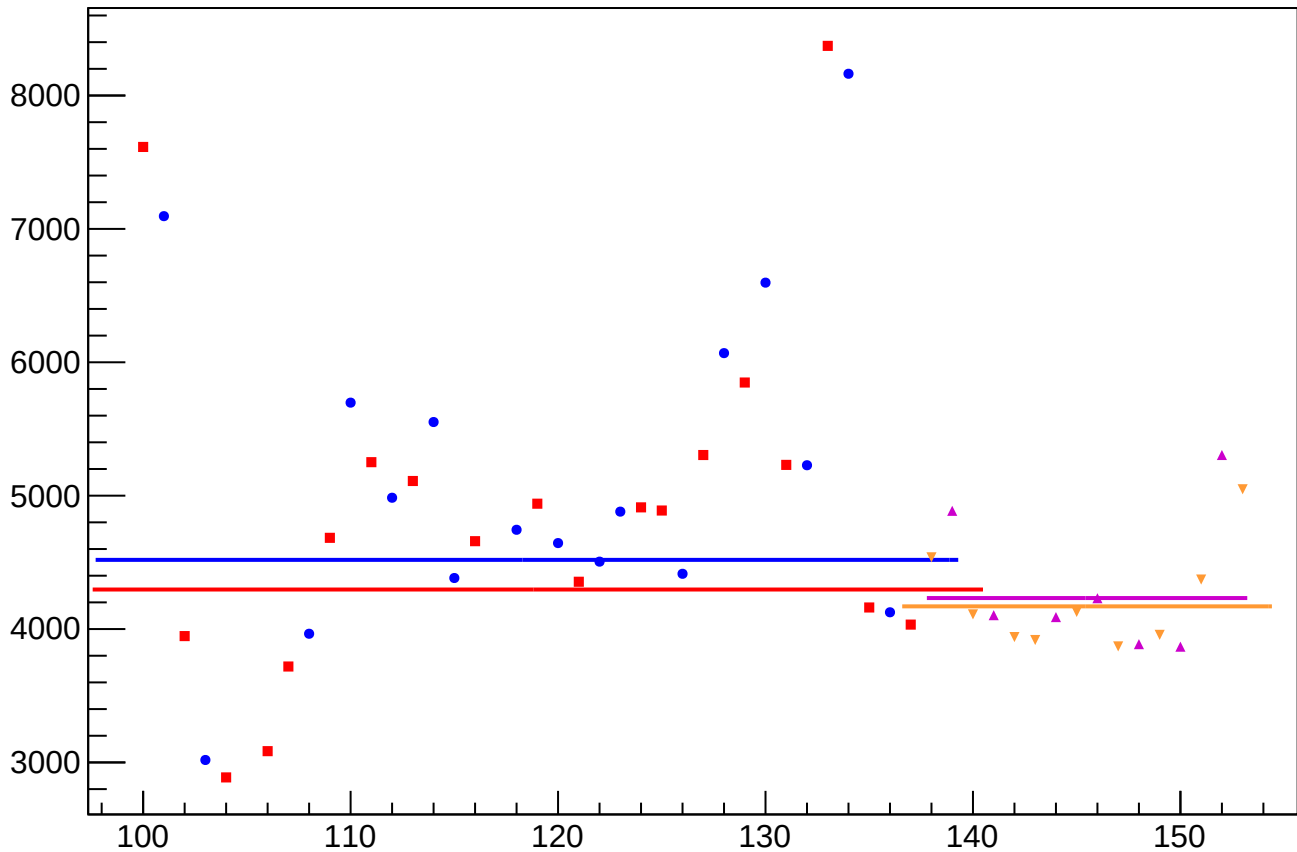
Left In: -1087.962 $\pm$ 1767.587 χ^2 /NDF: 6.3/6

+ sign 870.165 $\pm$ 1210.504 χ^2 /NDF: 34.8/25

All: 354.041 $\pm$ 859.799 χ^2 /NDF: 54.0/51

- sign -171.456 $\pm$ 1221.447 χ^2 /NDF: 18.8/25

asym_atr_dd_rms vs Slug



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

Left Out: 4170.111+/-1.158 χ^2 /NDF:83749.4/8

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

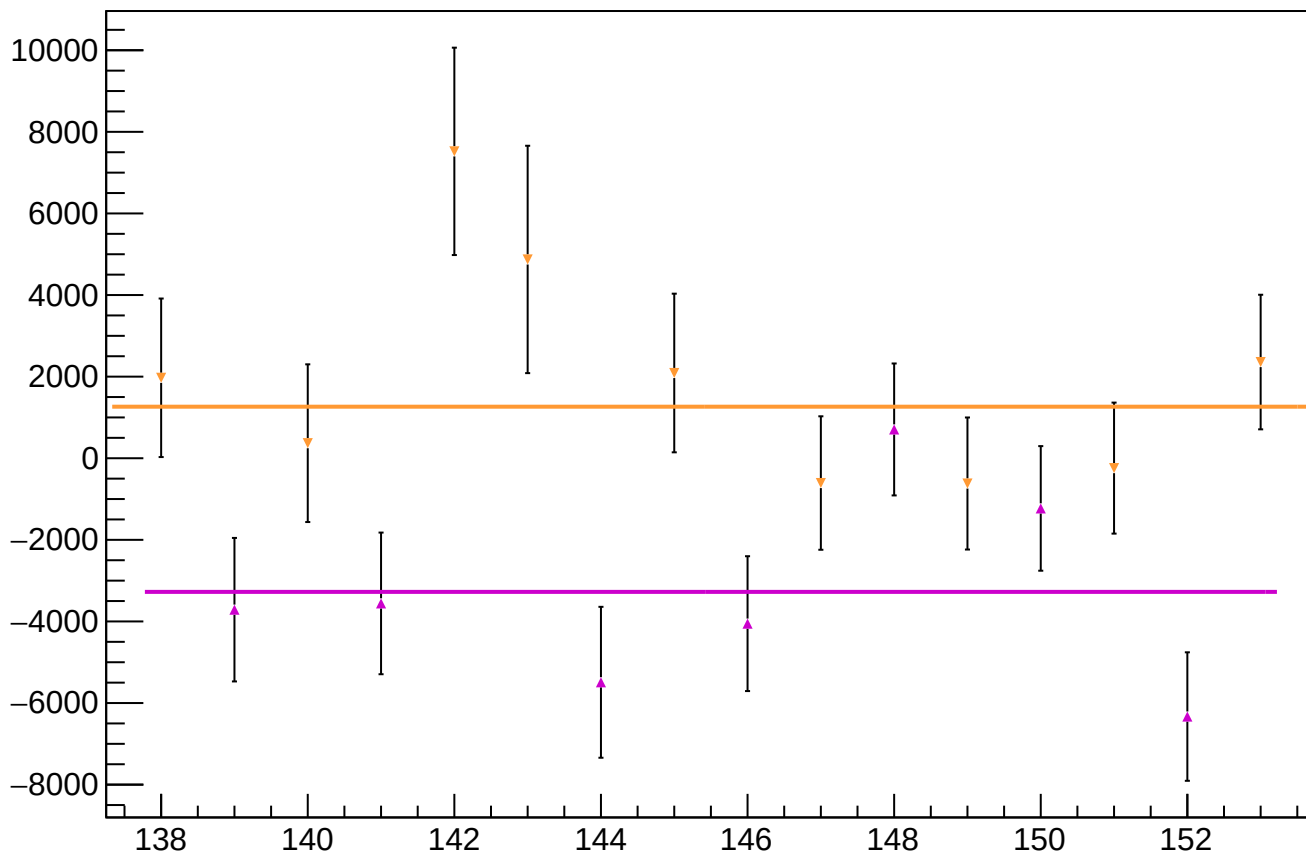
Left In: 4232.432+/-1.250 χ^2 /NDF:127894.5/6

+ sign 4328.232+/-0.856 χ^2 /NDF: 895079.1/25

All: 4297.315+/-0.607 χ^2 /NDF: 1798676.2/51

- sign 4266.020+/-0.861 χ^2 /NDF: 900971.9/25

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1263.502+/-621.132 χ^2/NDF : 12.3/8

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

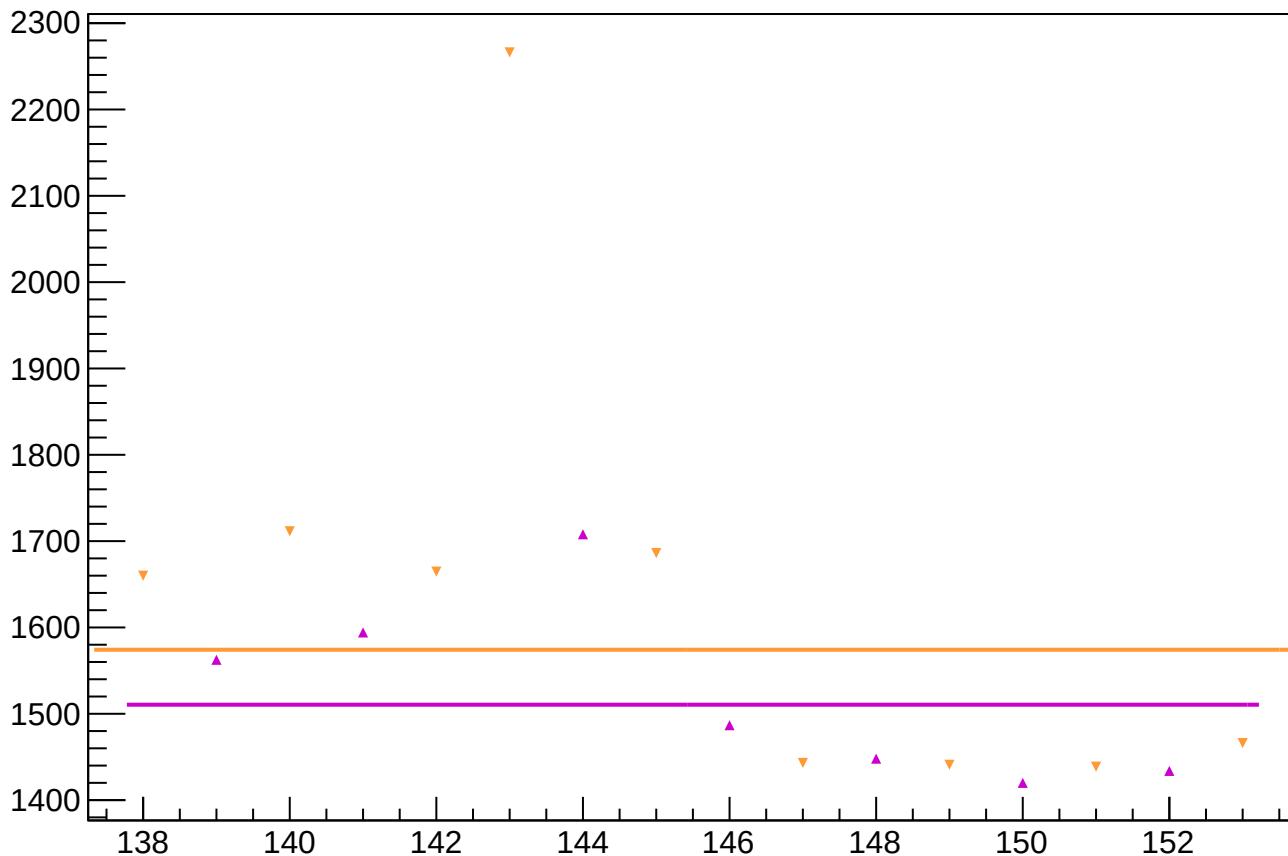
Left In: -3275.544+/-628.885 χ^2/NDF : 13.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -977.868+/-441.922 χ^2/NDF : 52.0/15

- 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: 1574.202+/-0.439 χ^2/NDF :195724.1/8

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

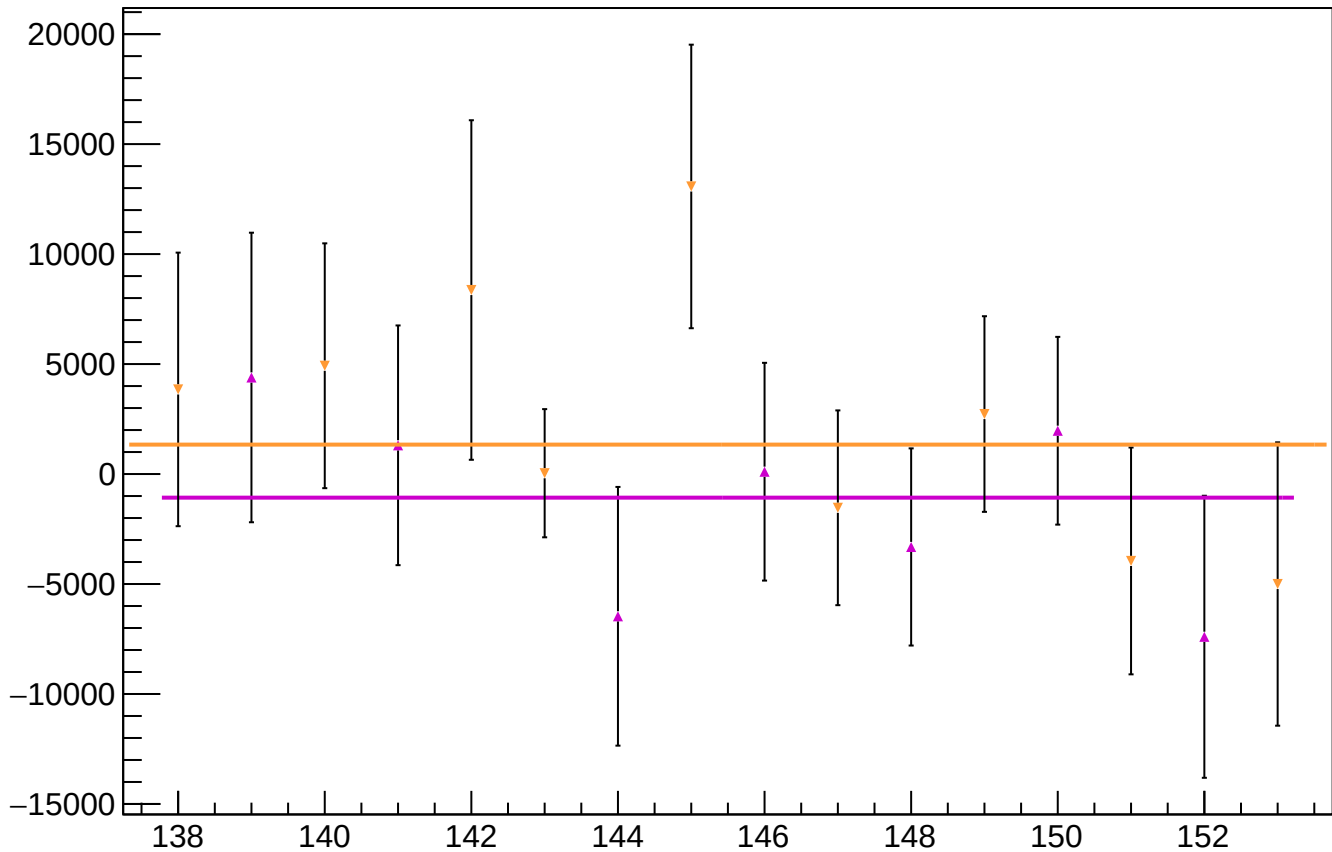
Left In: 1510.516+/-0.445 χ^2/NDF :44367.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1542.754+/-0.312 χ^2/NDF : 250473.7/15

- 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: 1337.729+/-1622.097 χ^2/NDF : 7.5/8

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

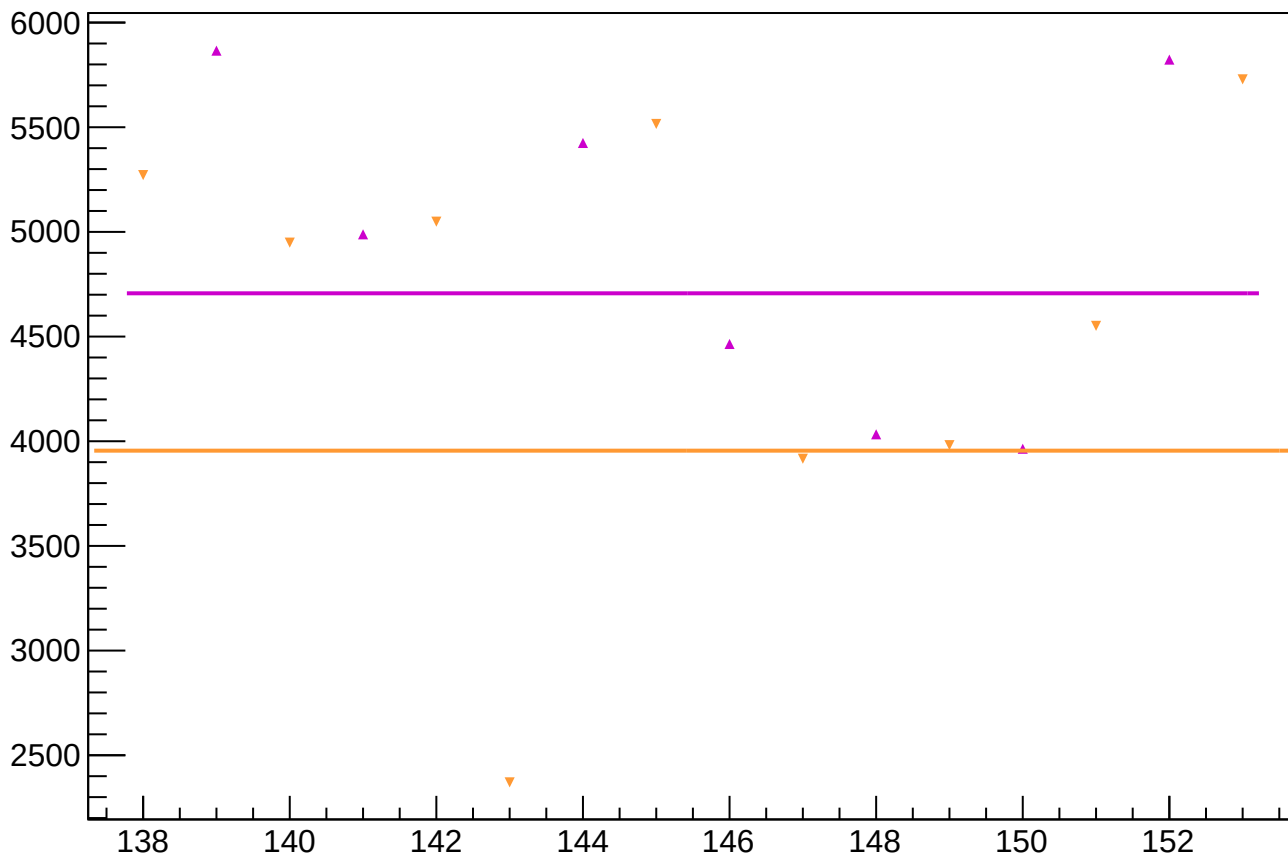
Left In: -1073.893+/-1978.369 χ^2/NDF : 3.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.238+/-1254.367 χ^2/NDF : 11.9/15

- 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: 3954.996+/-1.147 χ^2/NDF :1080730.1/8

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

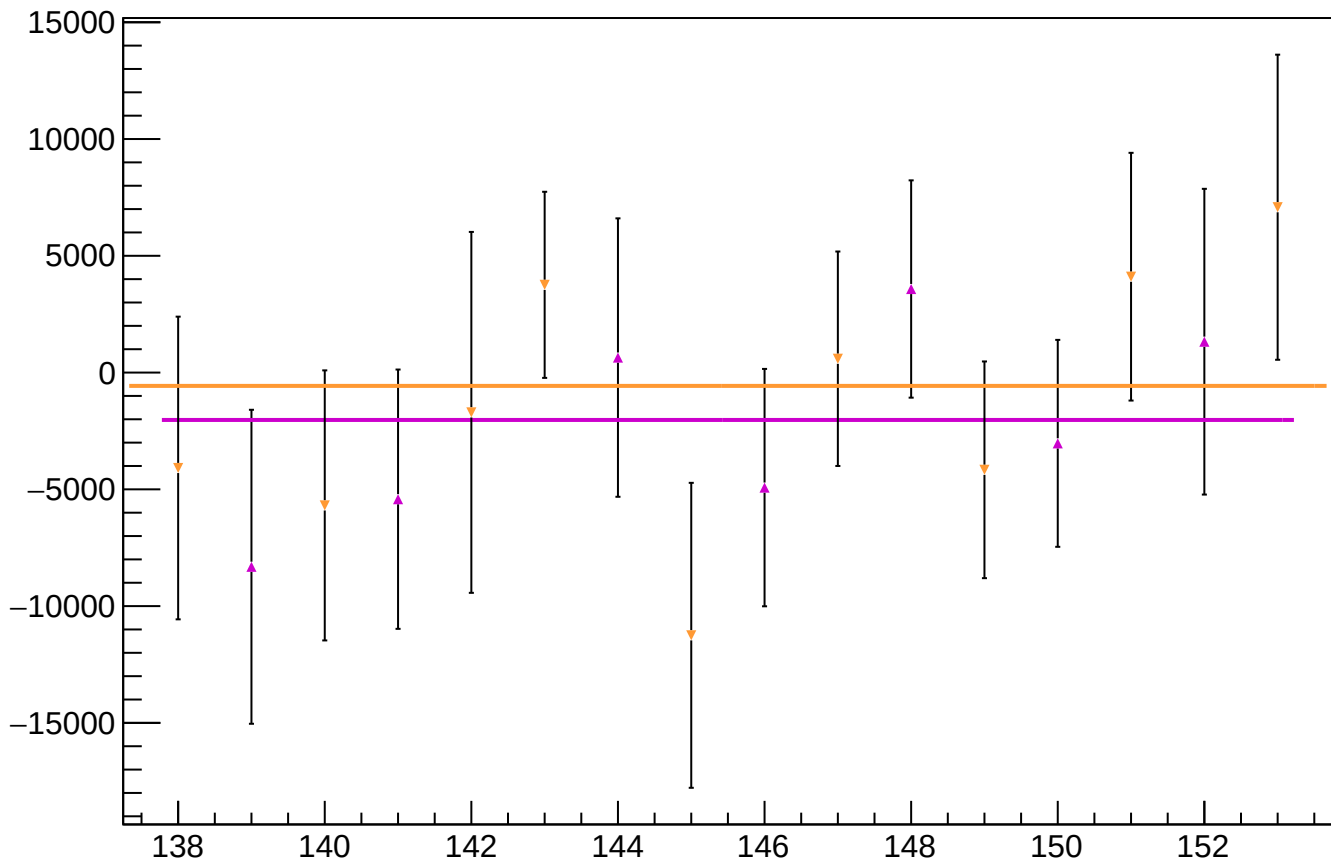
Left In: 4706.685+/-1.399 χ^2/NDF :268309.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4257.181+/-0.887 χ^2/NDF : 1521698.5/15

- 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: -570.501+/-1796.646 χ^2/NDF : 7.8/8

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

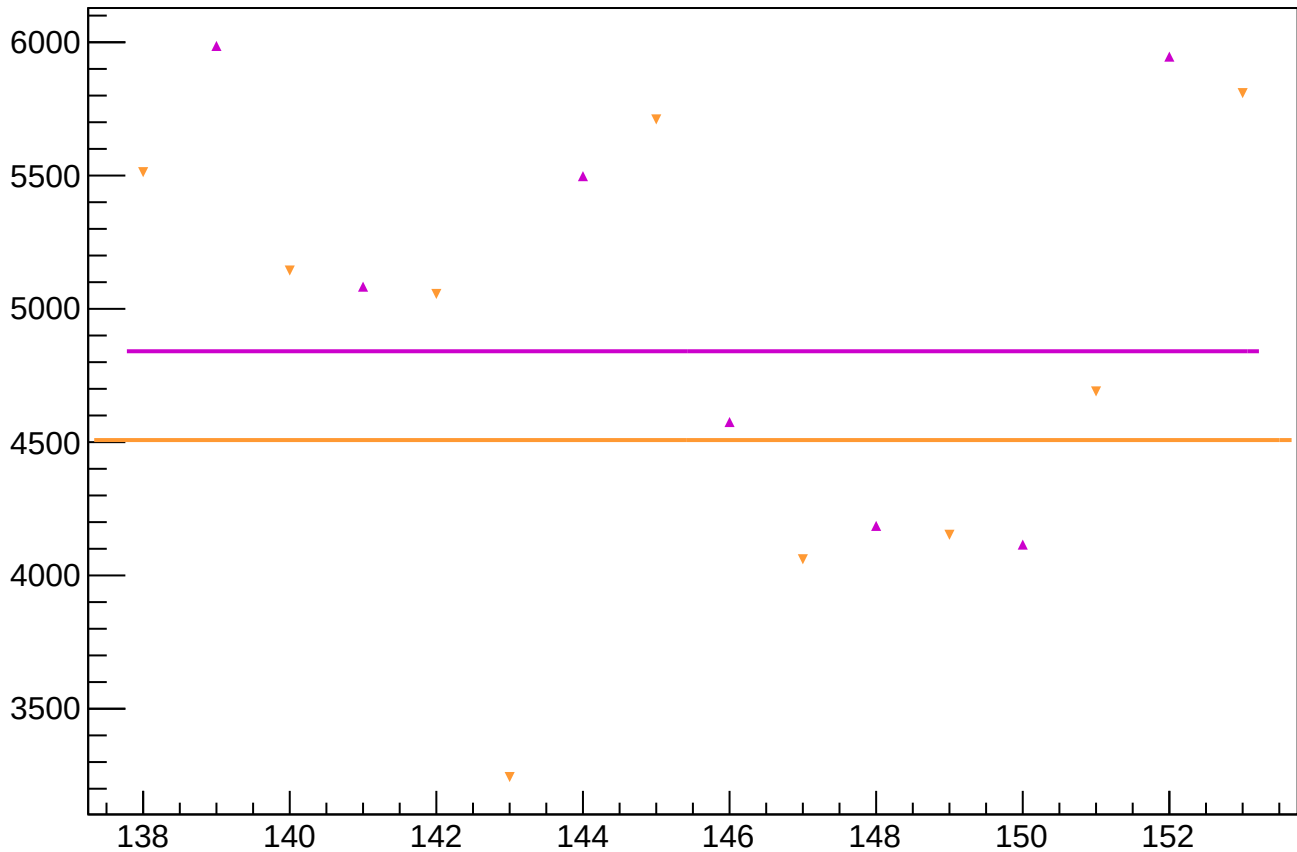
Left In: -2028.928+/-2033.161 χ^2/NDF : 3.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1209.989+/-1346.312 χ^2/NDF : 11.6/15

- 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: 4507.789+/-1.270 χ^2/NDF : 463940.2/8

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

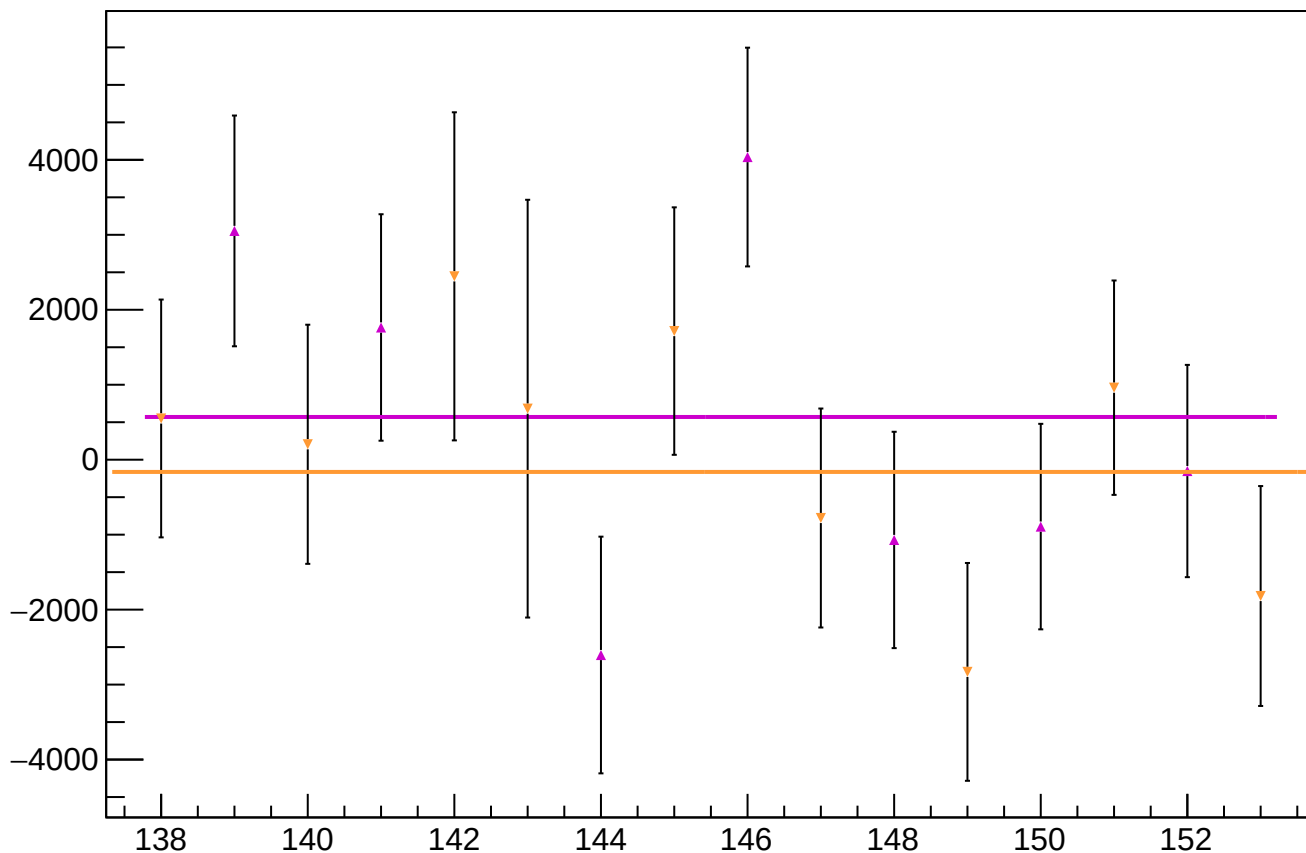
Left In: 4840.928+/-1.438 χ^2/NDF : 241834.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4653.863+/-0.952 χ^2/NDF : 735926.0/15

- 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: -163.142+/-542.990 χ^2/NDF : 8.5/8

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

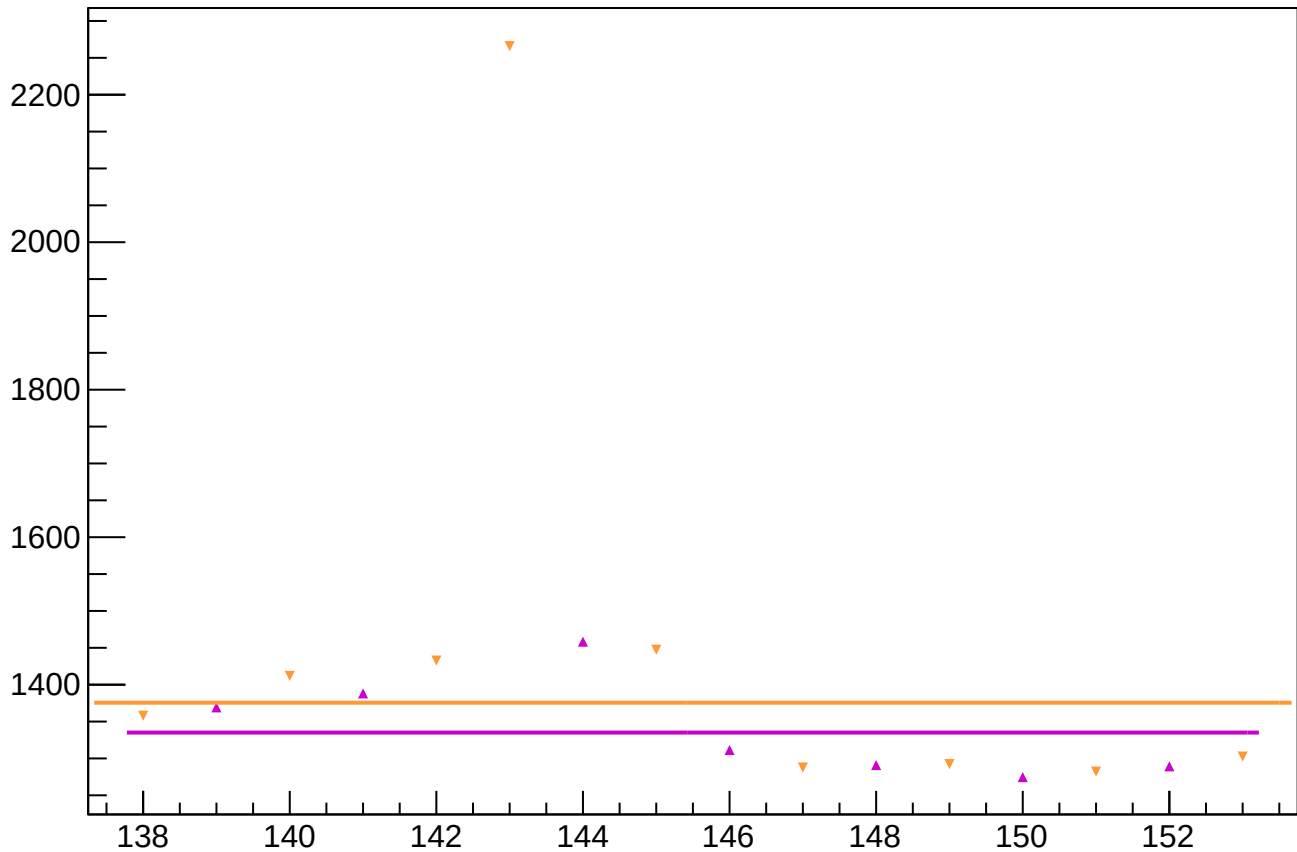
Left In: 569.989+/-555.316 χ^2/NDF : 15.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.197+/-388.237 χ^2/NDF : 25.0/15

- 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: 1375.578+/-0.384 χ^2/NDF : 237931.0/8

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

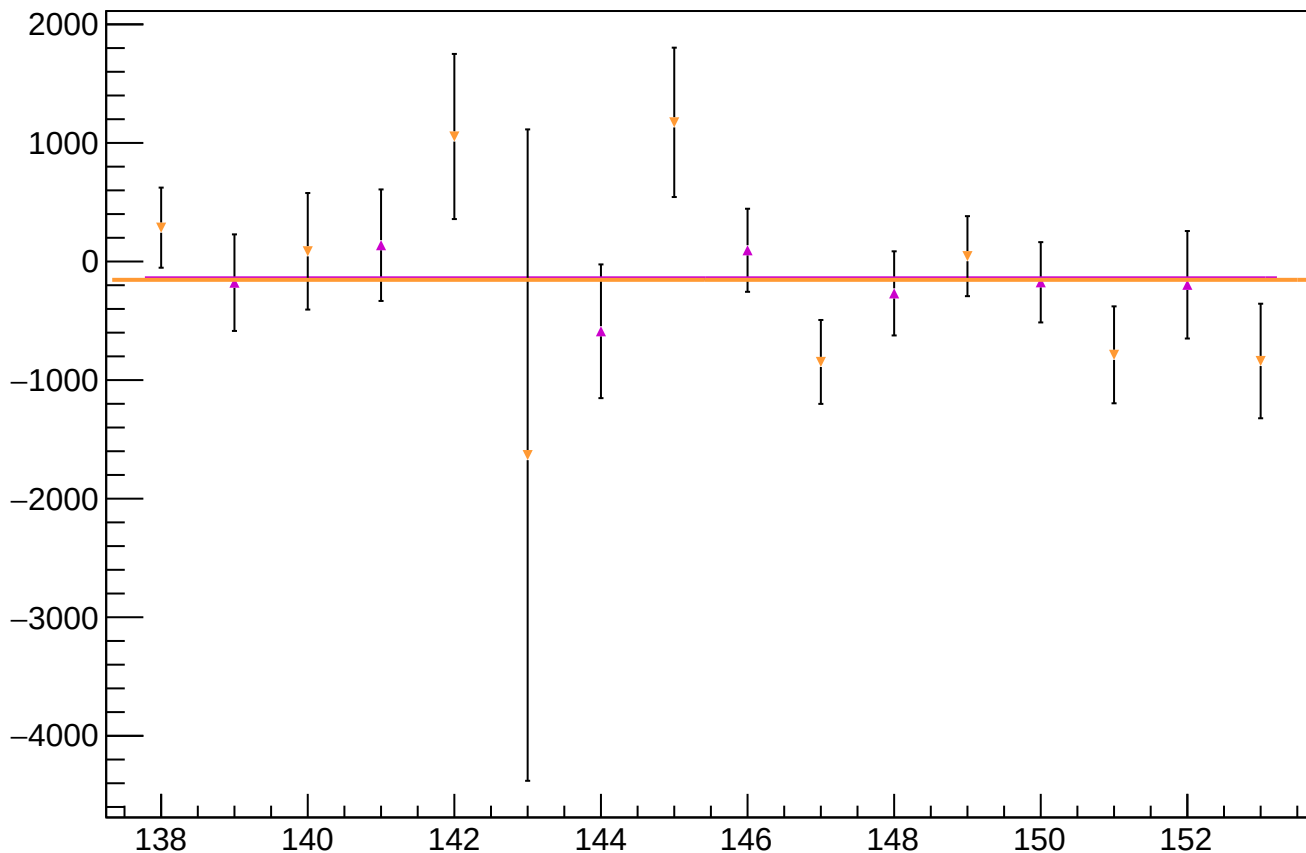
Left In: 1335.078+/-0.393 χ^2/NDF : 24014.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1355.783+/-0.275 χ^2/NDF : 267384.2/15

- 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: -154.523+/-149.634 χ^2/NDF :18.3/8

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

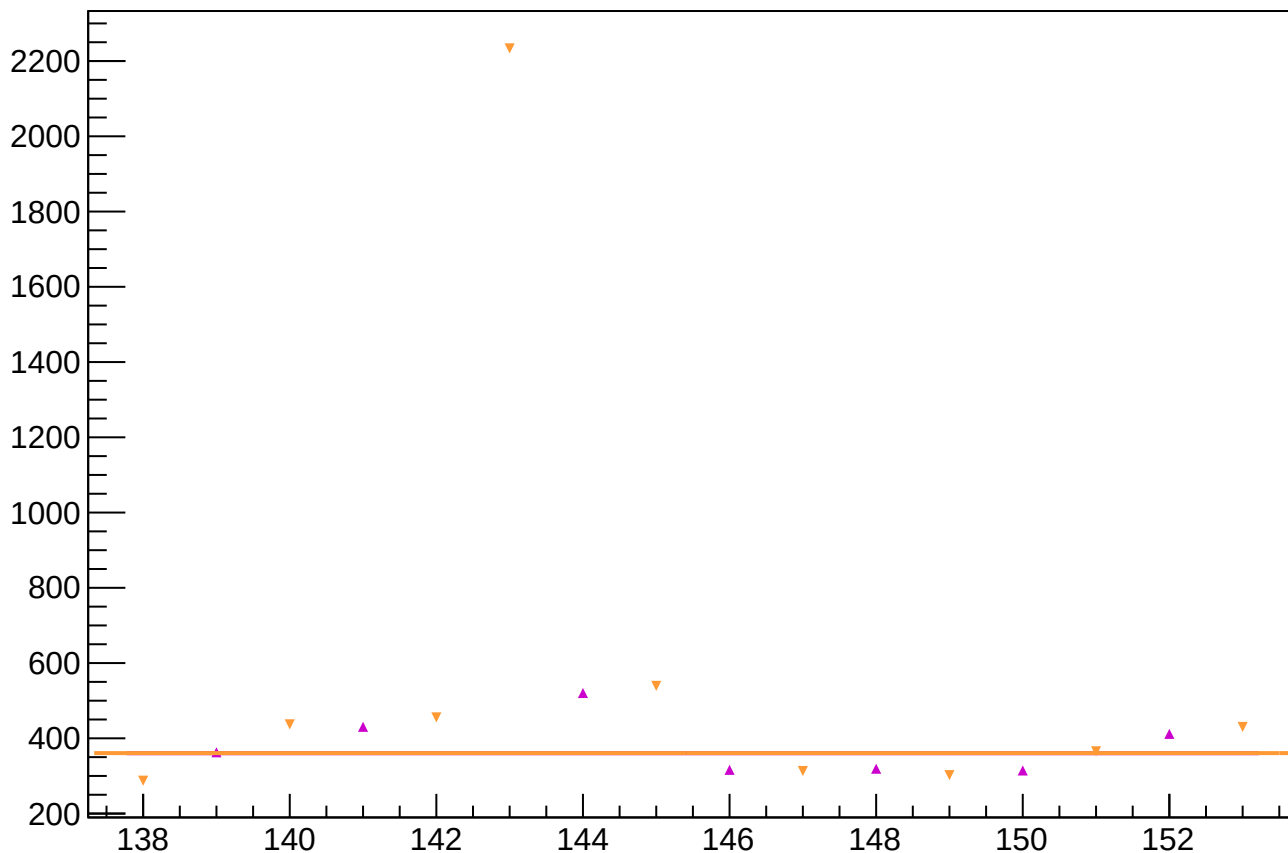
Left In: -141.780+/-151.830 χ^2/NDF :1.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.245+/-106.575 χ^2/NDF : 19.9/15

- 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: 360.697+/-0.106 χ^2/NDF :1408731.1/8

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

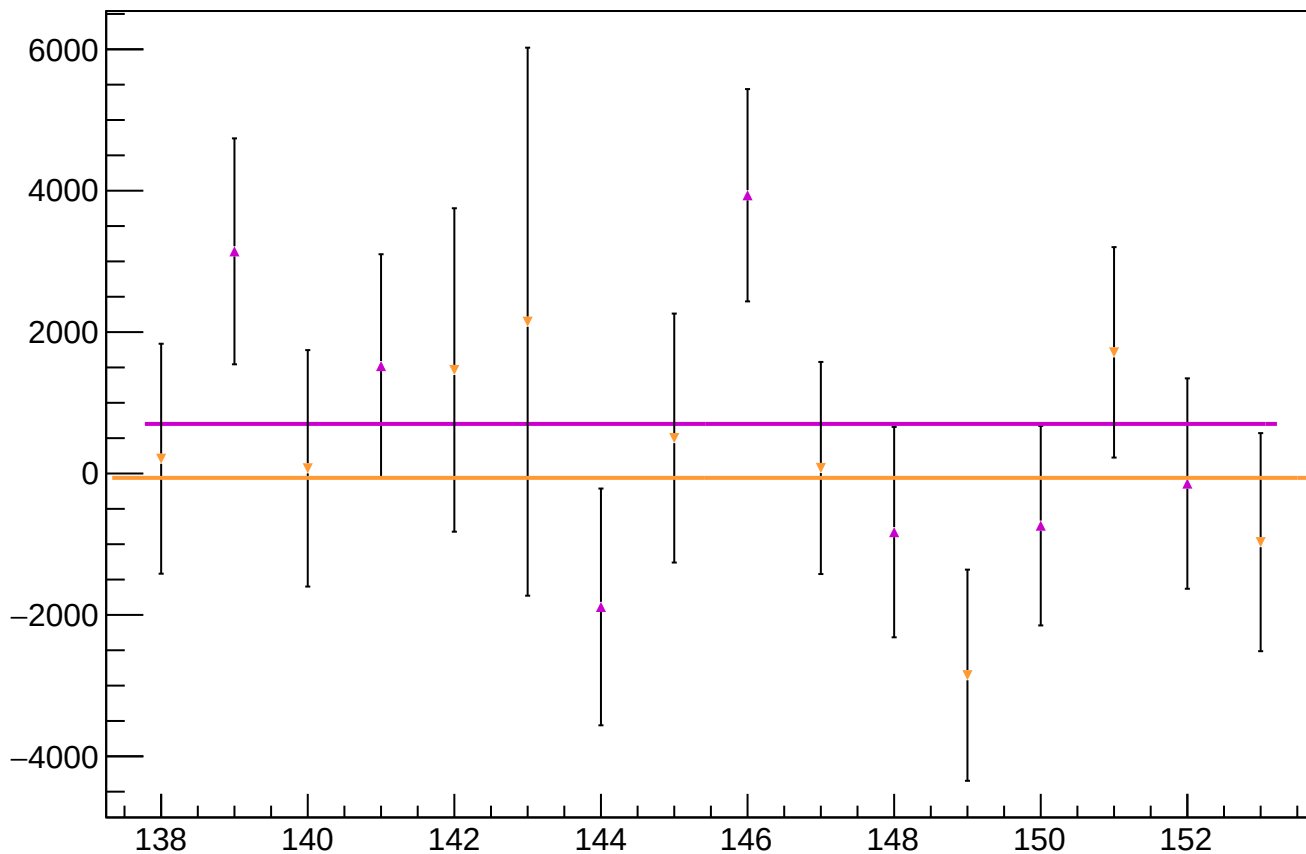
Left In: 360.417+/-0.107 χ^2/NDF :326858.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.559+/-0.075 χ^2/NDF : 1735592.9/15

- 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: -61.492+/-569.721 χ^2/NDF : 6.2/8

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

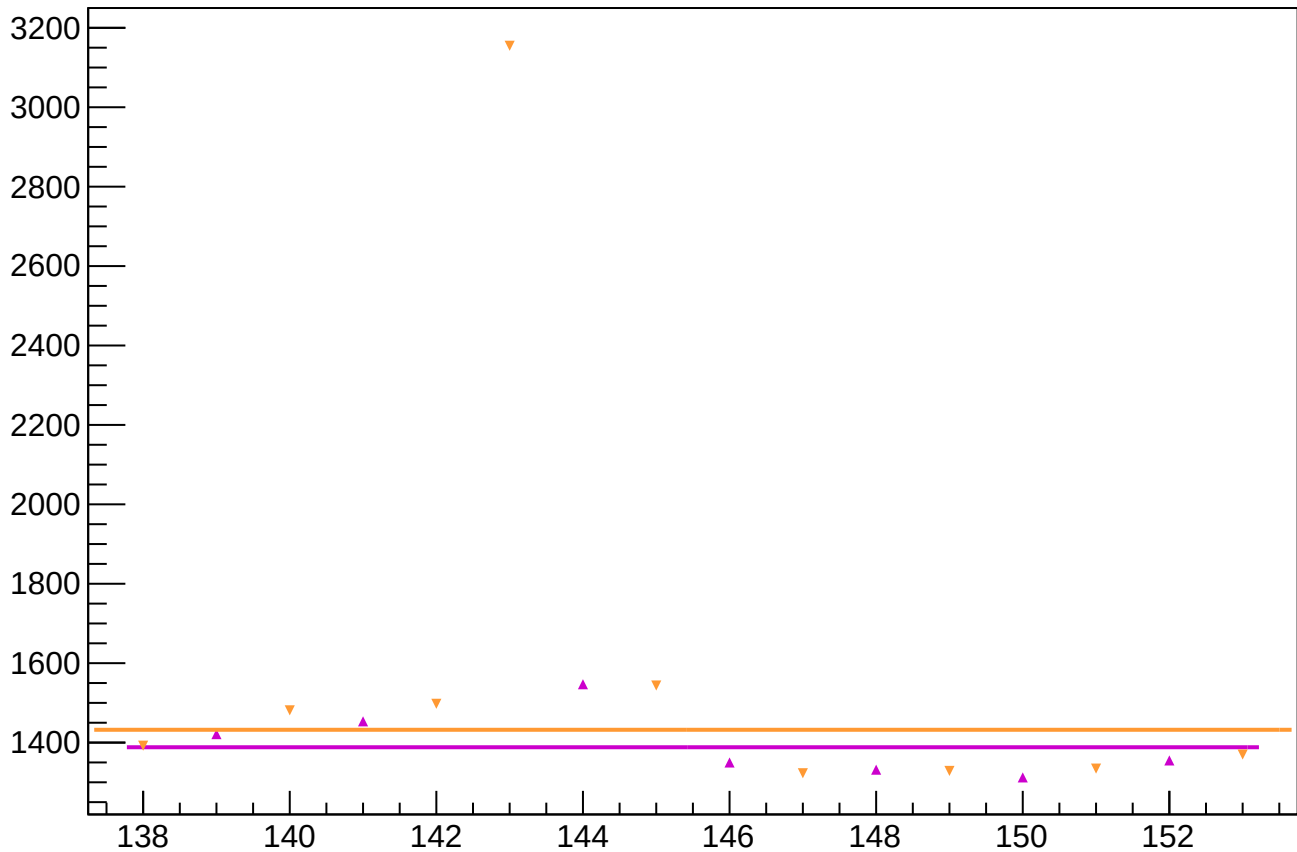
Left In: 701.424+/-577.636 χ^2/NDF : 12.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.704+/-405.623 χ^2/NDF : 19.1/15

- 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: 1432.268+/-0.403 χ^2/NDF : 439855.5/8

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

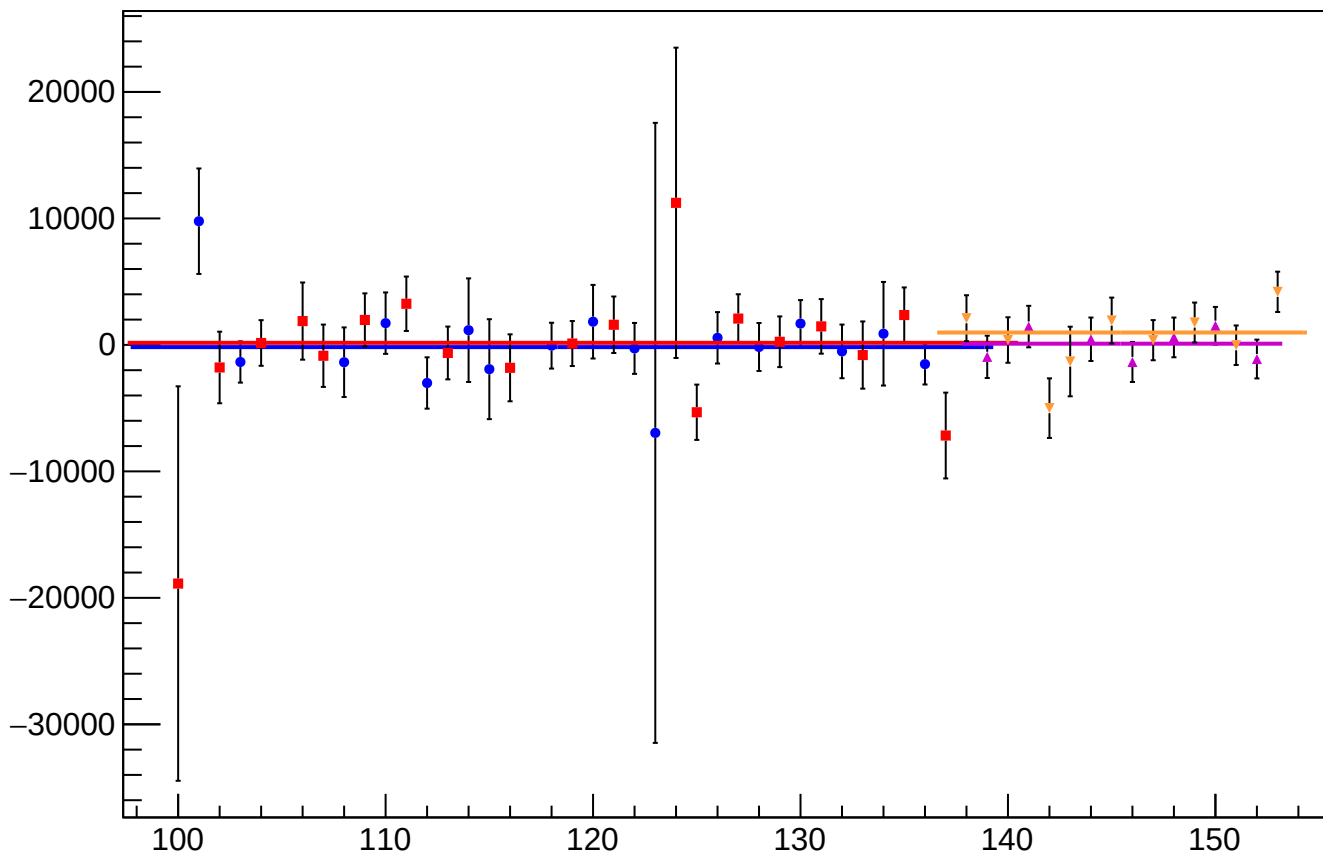
Left In: 1388.269+/-0.408 χ^2/NDF : 33197.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.572+/-0.287 χ^2/NDF : 478935.4/15

- 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: 978.073 ± 594.529 χ^2/NDF : 12.8/8

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

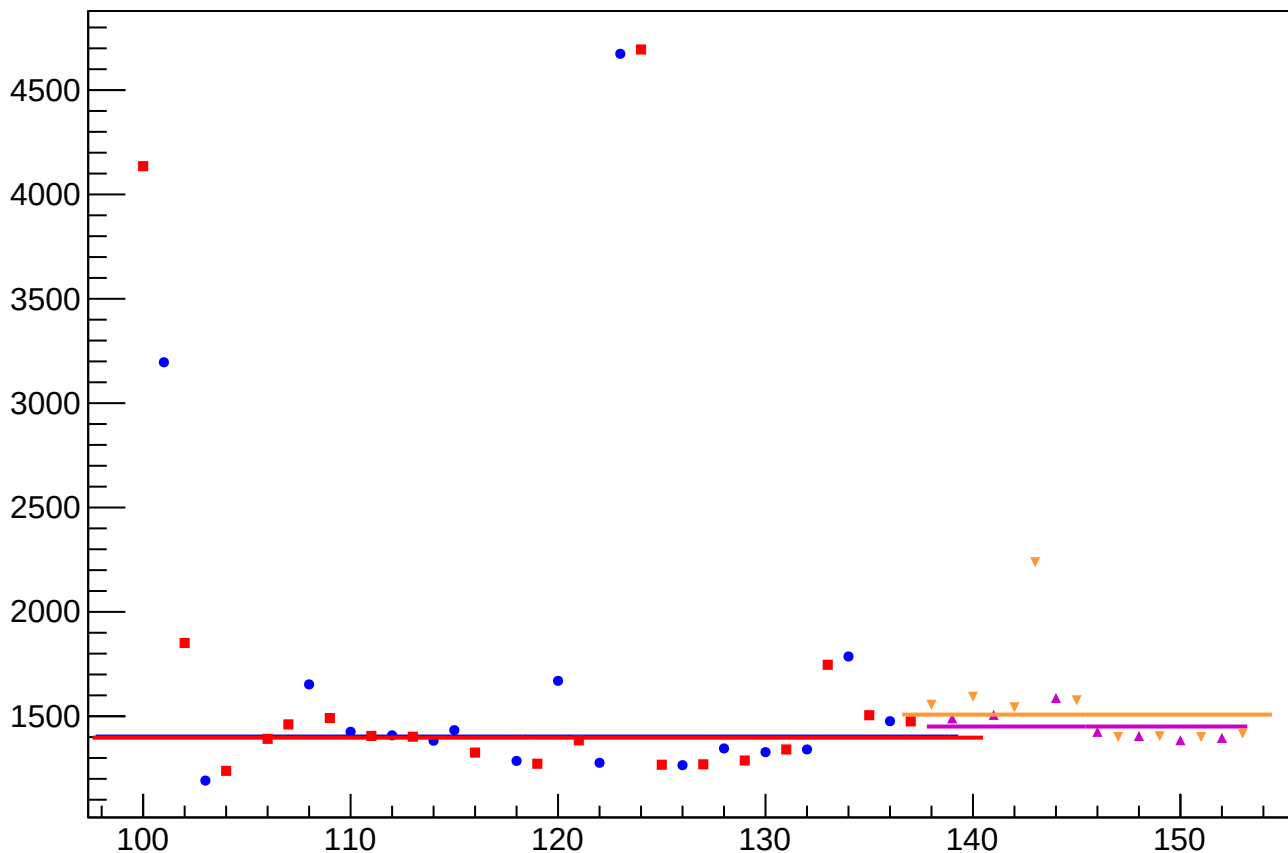
Left In: 95.980 ± 603.302 χ^2/NDF : 3.6/6

+ sign 361.664 ± 405.566 χ^2/NDF : 26.5/25

All: 247.072 ± 285.654 χ^2/NDF : 50.9/51

- sign 134.259 ± 402.405 χ^2/NDF : 24.2/25

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1507.903 $\pm$ 0.420 χ^2 /NDF: 183530.8/8

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

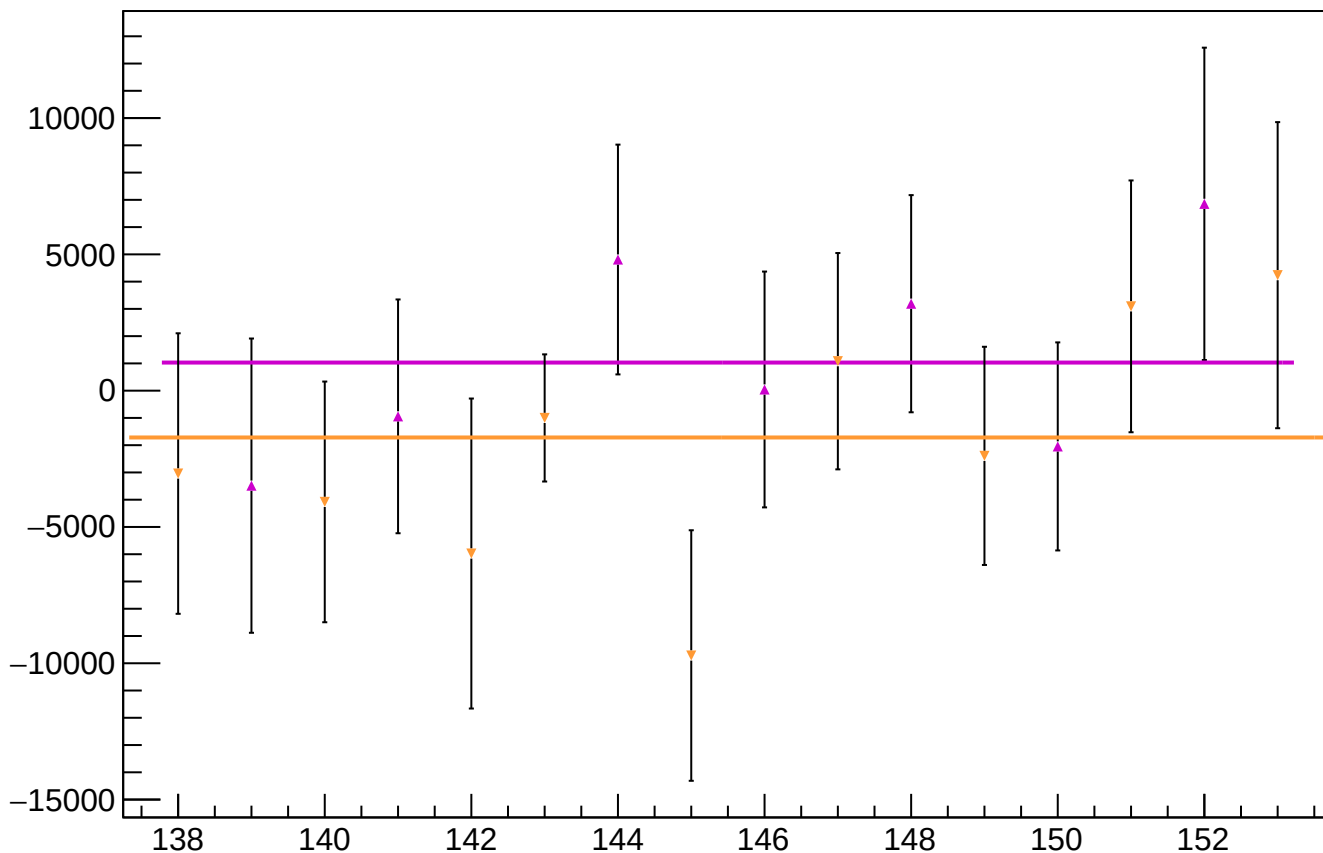
Left In: 1450.660 $\pm$ 0.427 χ^2 /NDF: 24648.7/6

+ sign 1451.660 $\pm$ 0.287 χ^2 /NDF: 743333.5/25

All: 1436.257 $\pm$ 0.202 χ^2 /NDF: 1135713.6/51

- sign 1421.103 $\pm$ 0.284 χ^2 /NDF: 386657.2/25

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -1717.154+/-1341.421 χ^2/NDF : 6.8/8

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

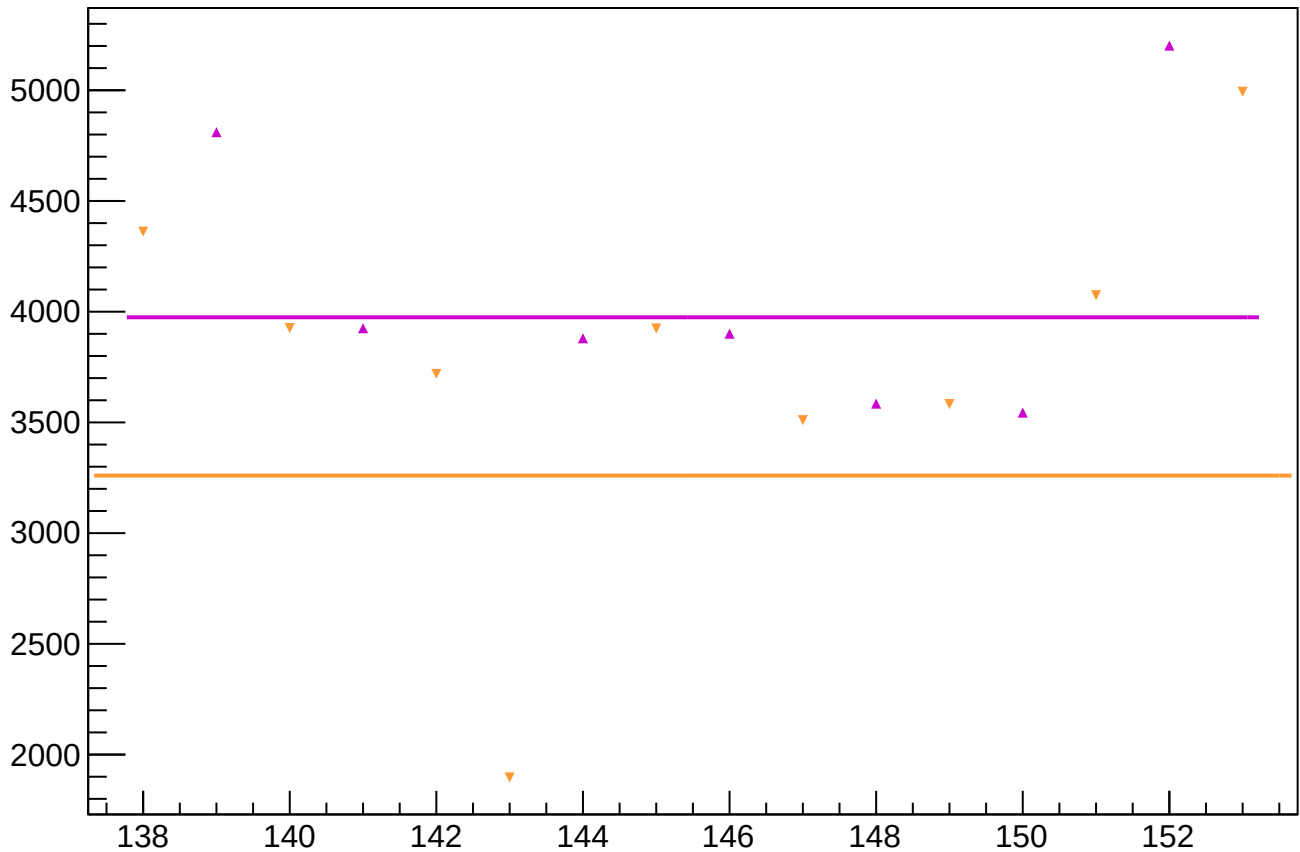
Left In: 1030.919+/-1665.237 χ^2/NDF : 3.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -635.690+/-1044.643 χ^2/NDF : 12.2/15

- 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: 3260.001+/-0.949 χ^2/NDF :1148848.9/8

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

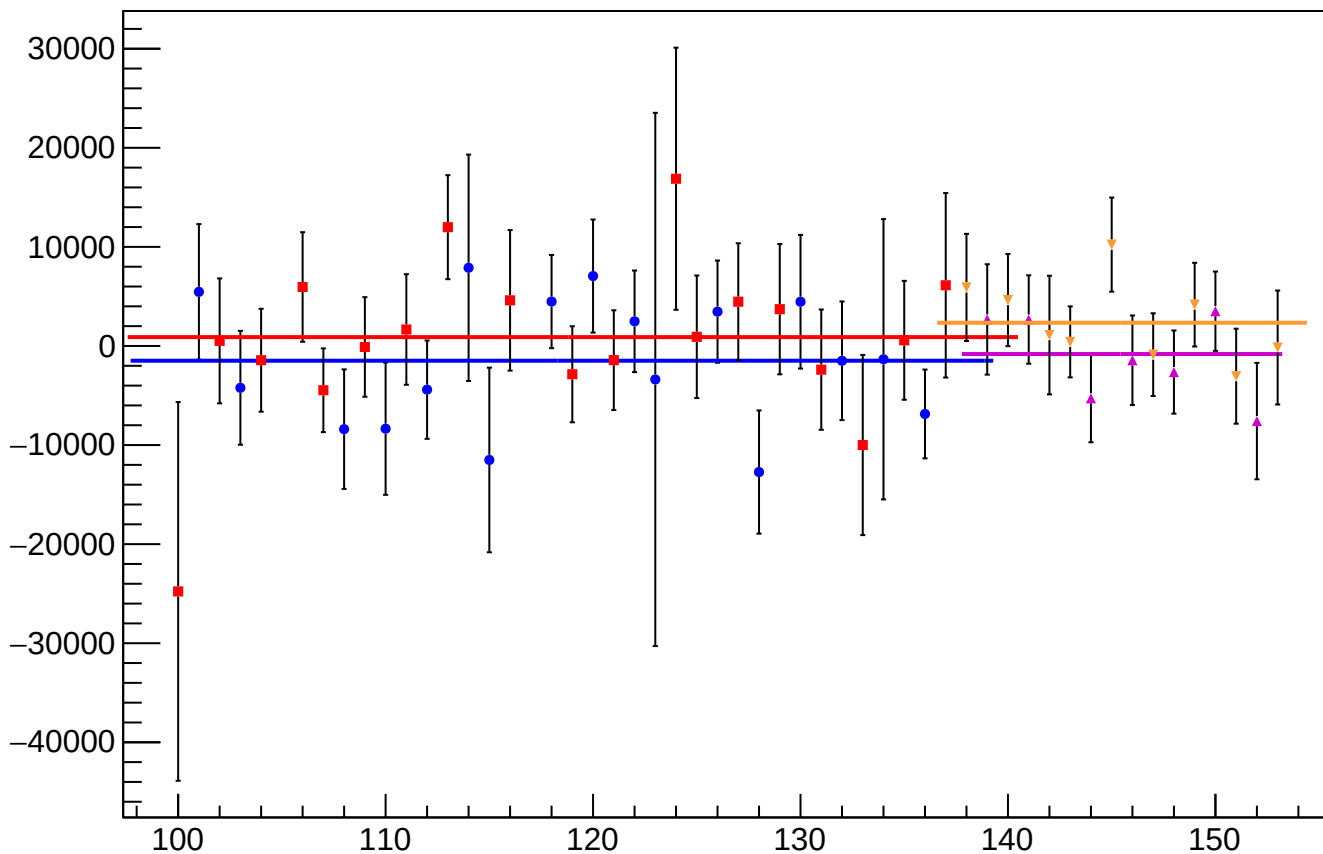
Left In: 3974.777+/-1.178 χ^2/NDF :186190.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3541.290+/-0.739 χ^2/NDF : 1558512.3/15

- 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: 2343.098+/-1547.090 χ^2/NDF : 6.0/8

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

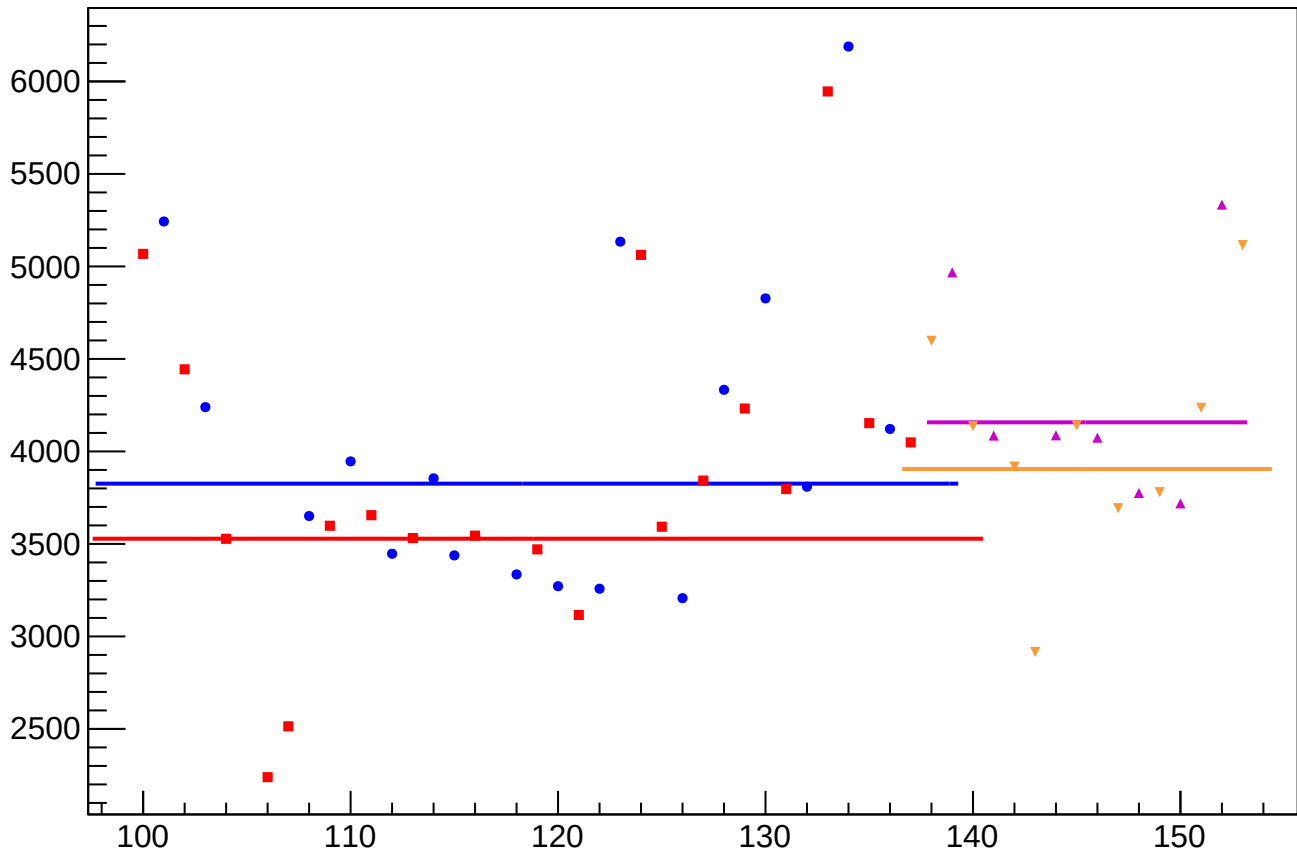
Left In: -814.520+/-1739.508 χ^2/NDF : 4.7/6

+ sign 367.725+/-1076.596 χ^2/NDF : 25.8/25

All: 301.506+/-762.674 χ^2/NDF : 45.3/51

- sign 234.796+/-1080.584 χ^2/NDF : 19.4/25

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3904.956+/-1.094 χ^2/NDF :300158.3/8

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

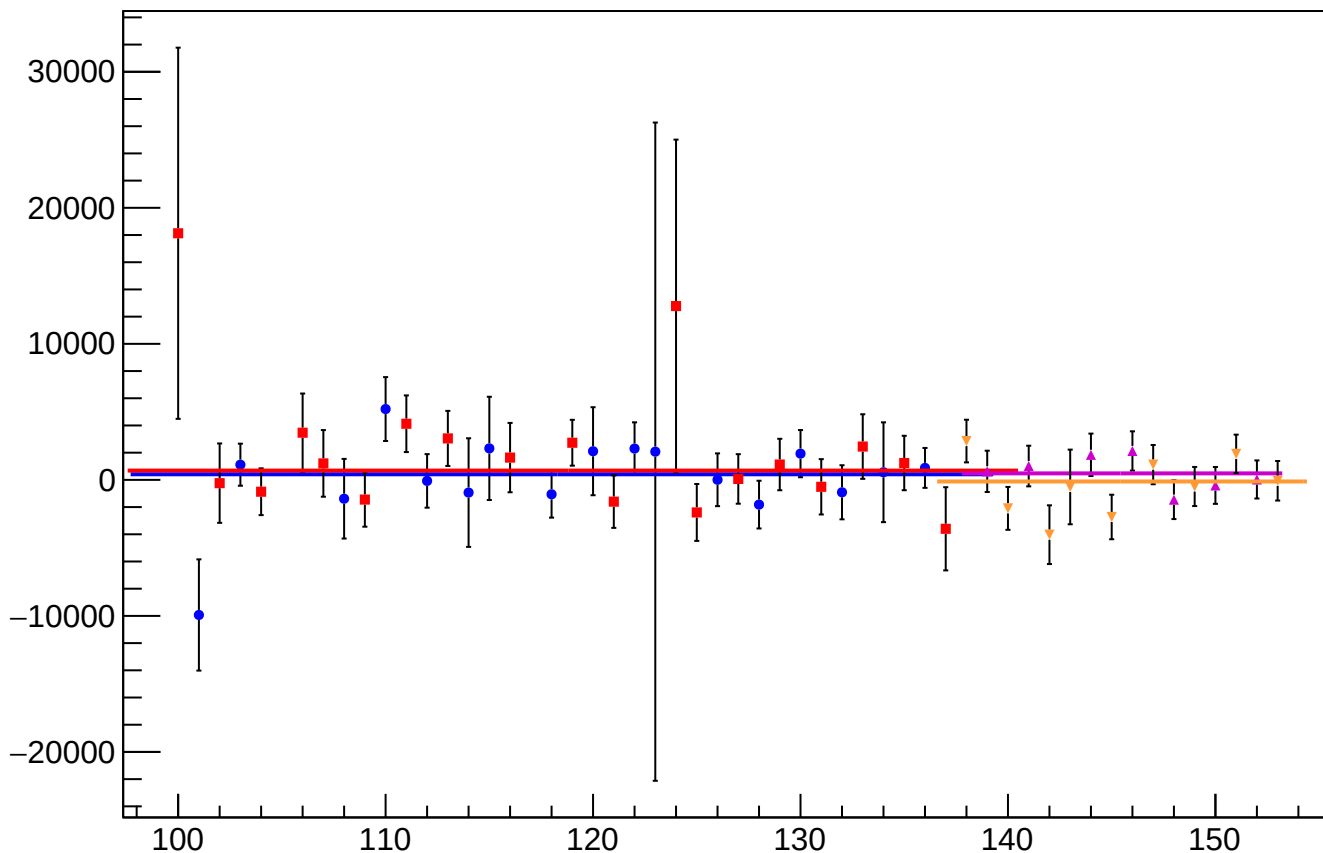
Left In: 4157.277+/-1.230 χ^2/NDF :164892.4/6

+ sign 3864.153+/-0.761 χ^2/NDF : 637260.0/25

All: 3816.131+/-0.538 χ^2/NDF : 1527225.0/51

- sign 3768.293+/-0.760 χ^2/NDF : 882021.6/25

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: -117.208 $\pm$ 537.123 χ^2 /NDF:13.9/8

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

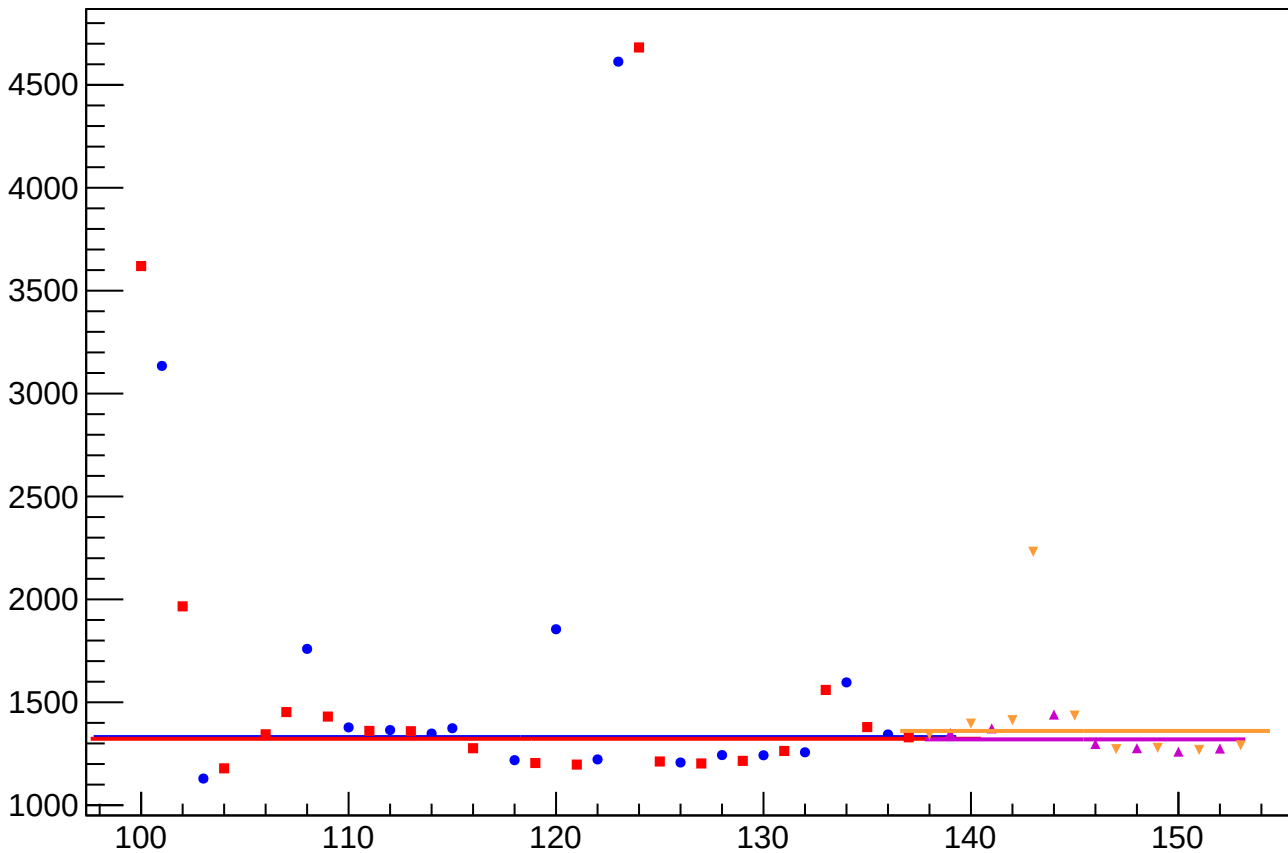
Left In: 477.655 $\pm$ 548.944 χ^2 /NDF:4.6/6

+ sign 151.643 $\pm$ 376.529 χ^2 /NDF: 30.9/25

All: 371.152 $\pm$ 265.245 χ^2 /NDF: 54.2/51

- sign 587.388 $\pm$ 373.711 χ^2 /NDF: 22.7/25

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1360.750+/-0.380 χ^2/NDF :235142.7/8

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

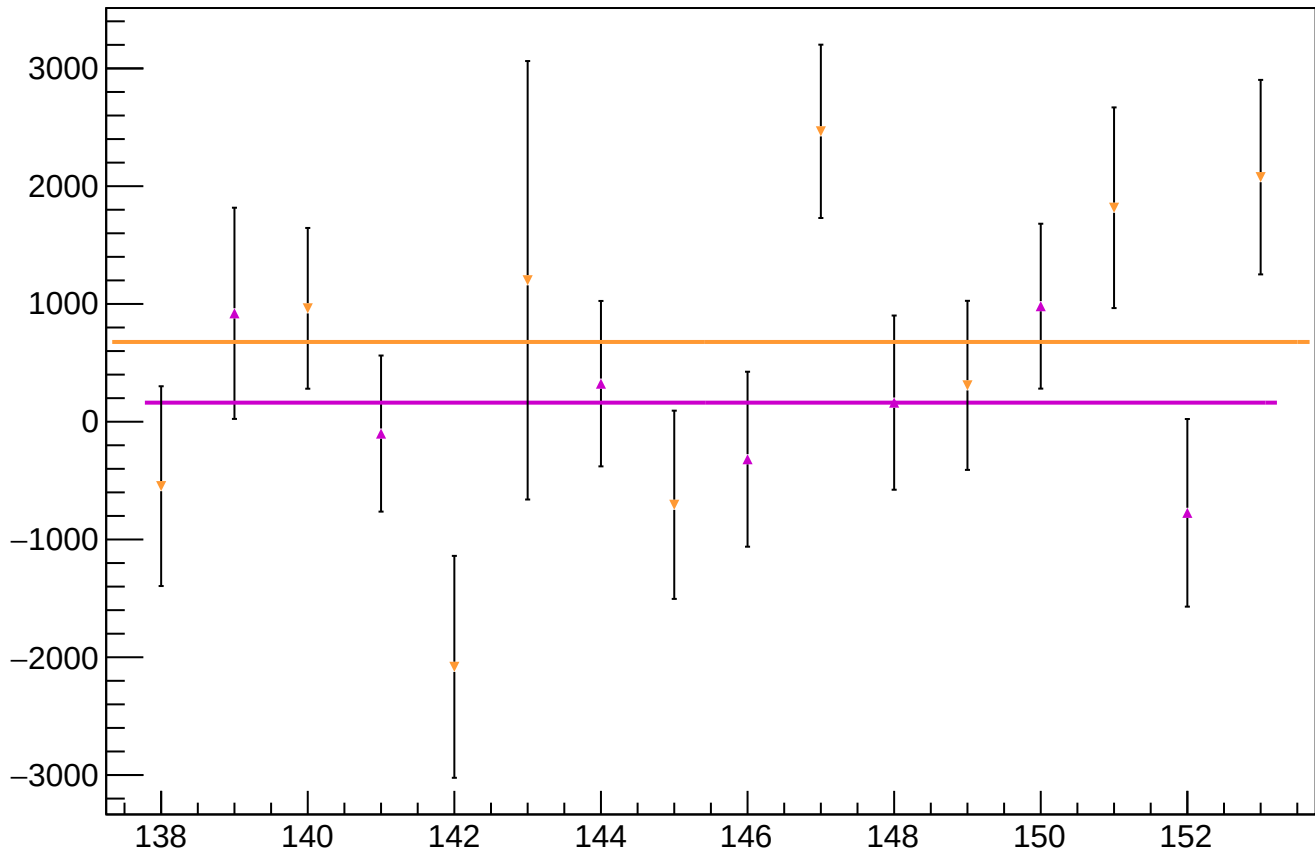
Left In: 1319.788+/-0.388 χ^2/NDF :23492.4/6

+ sign 1345.563+/-0.266 χ^2/NDF : 841760.9/25

All: 1333.367+/-0.188 χ^2 /NDF: 1263862.5/51

- sign 1321.353+/-0.264 χ^2/NDF : 417936.4/25

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 677.295+/-275.776 χ^2/NDF : 24.7/8

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

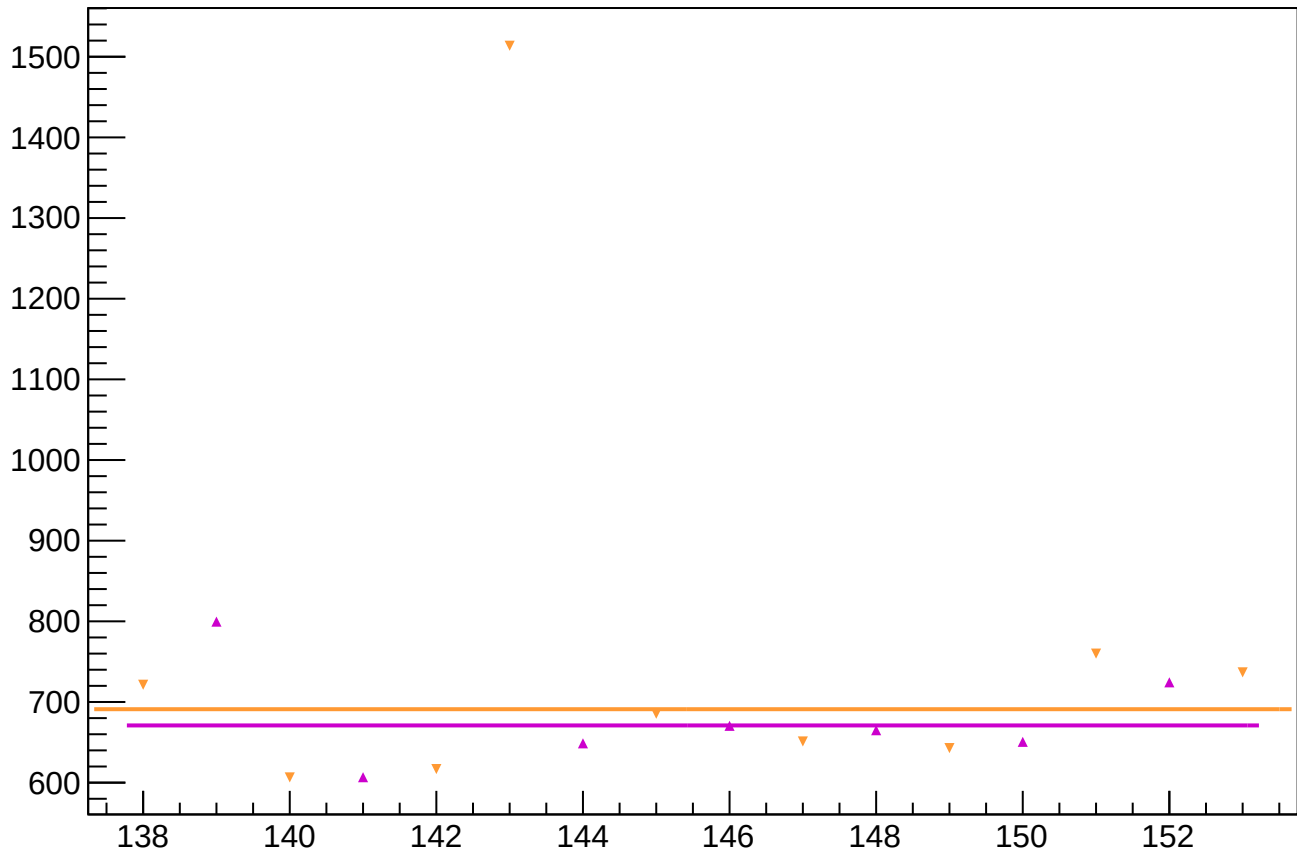
Left In: 161.918+/-279.462 χ^2/NDF : 4.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.028+/-196.293 χ^2/NDF : 30.5/15

- 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: 691.060+/-0.195 χ^2/NDF :470420.4/8

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

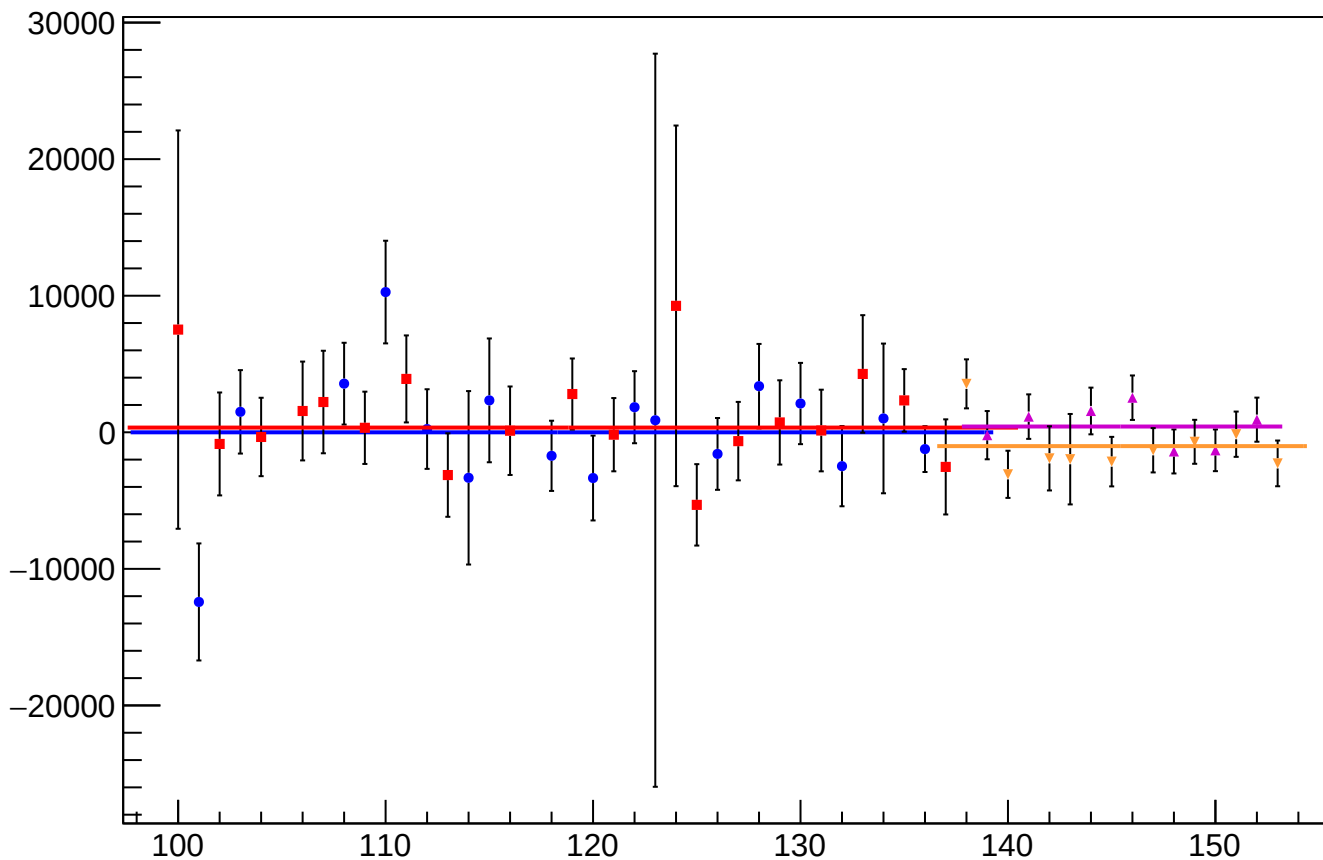
Left In: 670.933+/-0.198 χ^2/NDF :72788.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.130+/-0.139 χ^2/NDF : 548464.2/15

- 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: -1012.726 ± 607.511 χ^2/NDF : 9.4/8

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

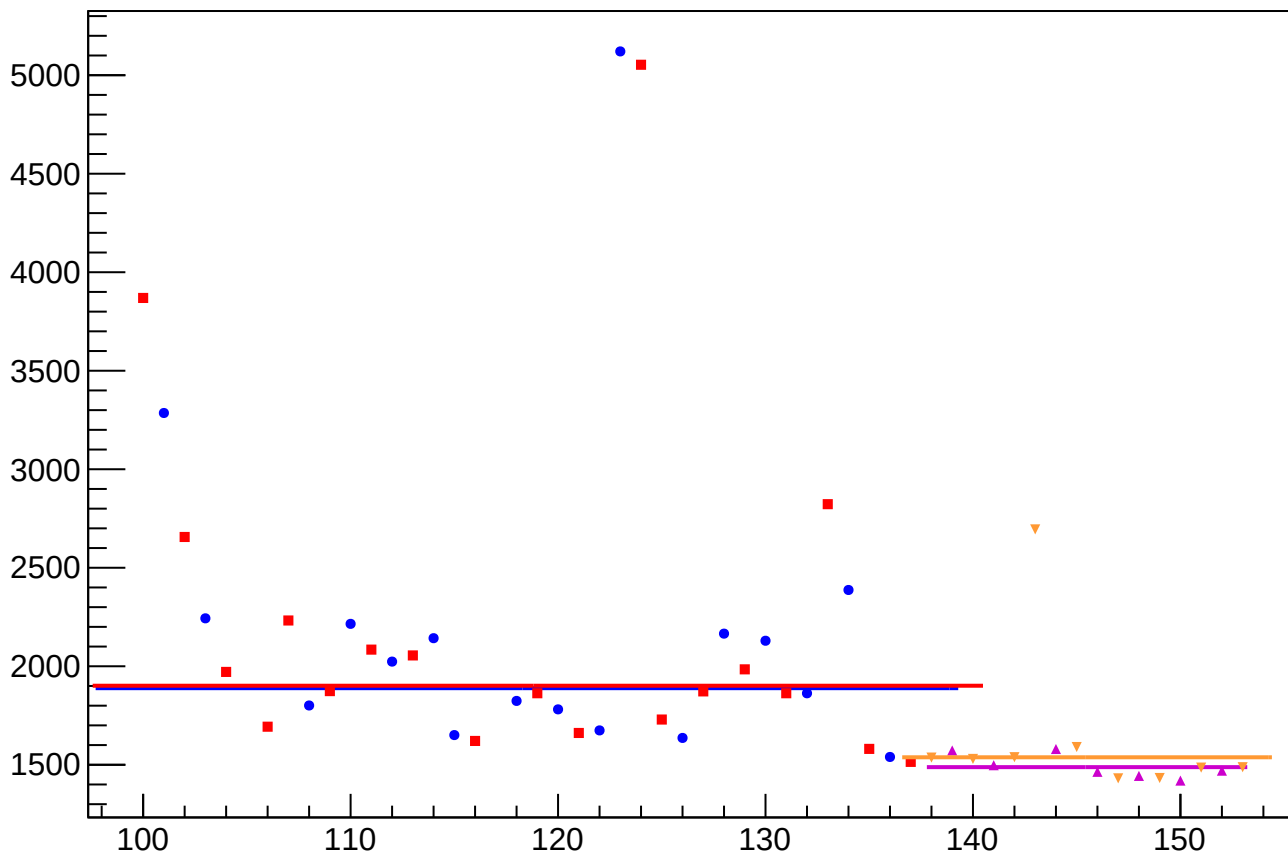
Left In: 422.168 ± 618.538 χ^2/NDF : 5.1/6

+ sign -609.179 ± 470.832 χ^2/NDF : 34.0/25

All: -111.709 ± 333.663 χ^2/NDF : 52.1/51

- sign 390.171 ± 472.915 χ^2/NDF : 15.8/25

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1888.810 $\pm$ 0.527 χ^2/NDF : 465842.8/16

Left Out: 1538.020 $\pm$ 0.430 χ^2/NDF : 266787.1/8

Right Out: 1901.248 $\pm$ 0.519 χ^2/NDF : 461424.3/18

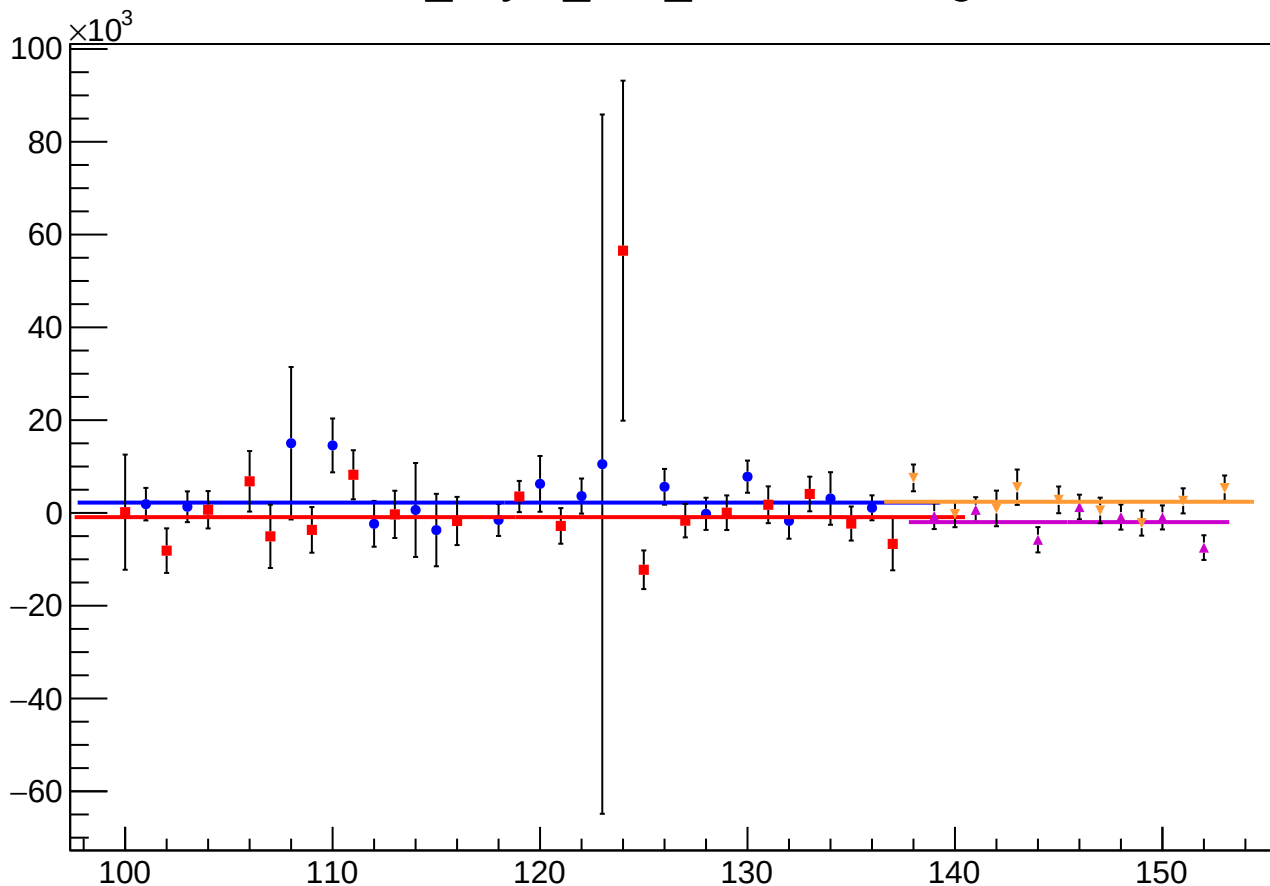
Left In: 1488.047 $\pm$ 0.437 χ^2/NDF : 16638.8/6

+ sign 1678.108 $\pm$ 0.333 χ^2/NDF : 998928.6/25

All: 1668.948 $\pm$ 0.236 χ^2/NDF : 1849303.5/51

- sign 1659.708 $\pm$ 0.334 χ^2/NDF : 848854.4/25

dit_asym_atl1_mean vs Slug



Right In: 2227.517+/-1039.288 χ^2 /NDF: 13.6/16

Left Out: 2405.178+/-979.534 χ^2 /NDF:9.4/8

Right Out: -907.837+/-1046.878 χ^2 /NDF: 22.9/18

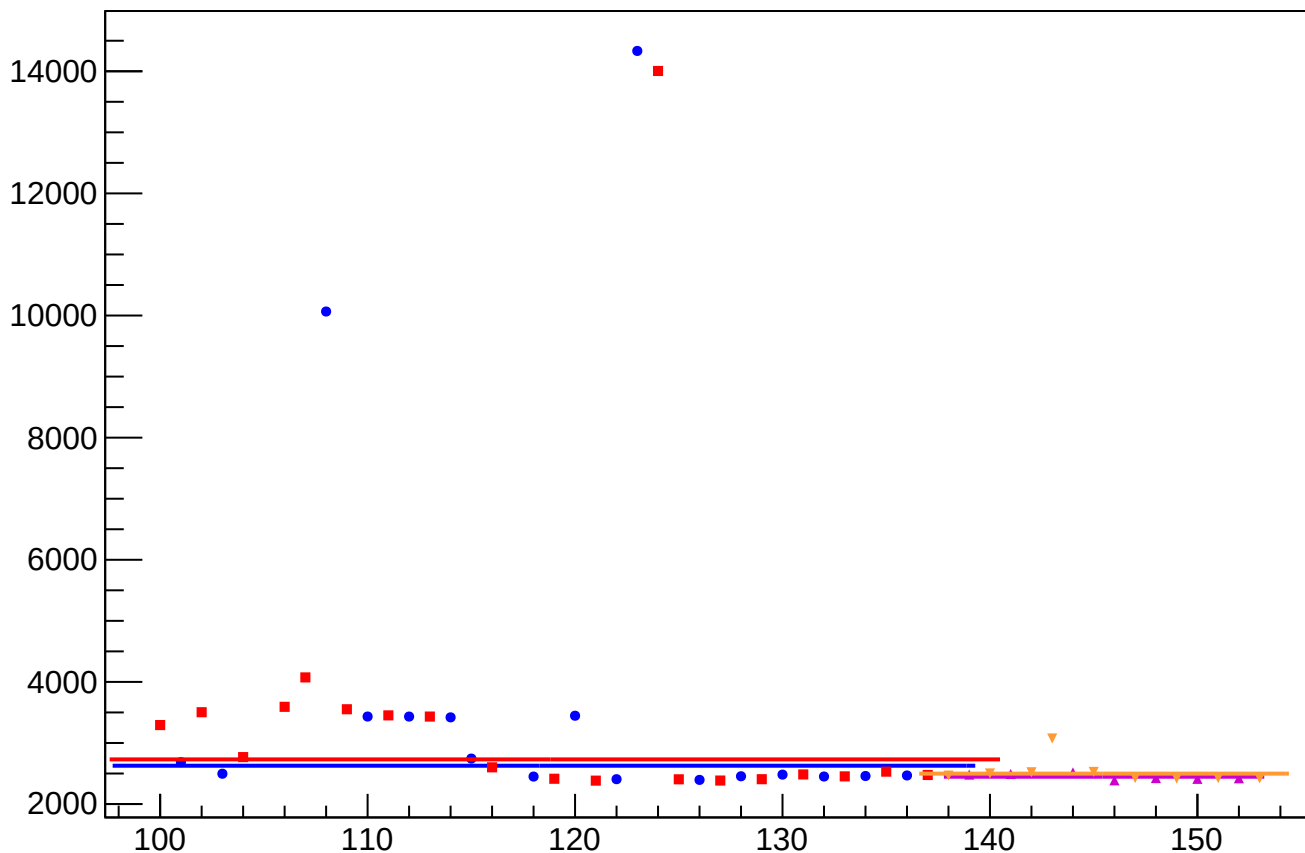
Left In: -1980.855+/-1016.992 χ^2 /NDF:9.2/6

+ sign 2321.602+/-712.824 χ^2 /NDF: 23.0/25

All: 474.470+/-509.822 χ^2 /NDF: 69.4/51

- sign -1459.881+/-729.459 χ^2 /NDF: 32.6/25

dit_asym_atl1_rms vs Slug



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

Left Out: 2498.024+/-0.693 χ^2/NDF : 52381.0/8

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

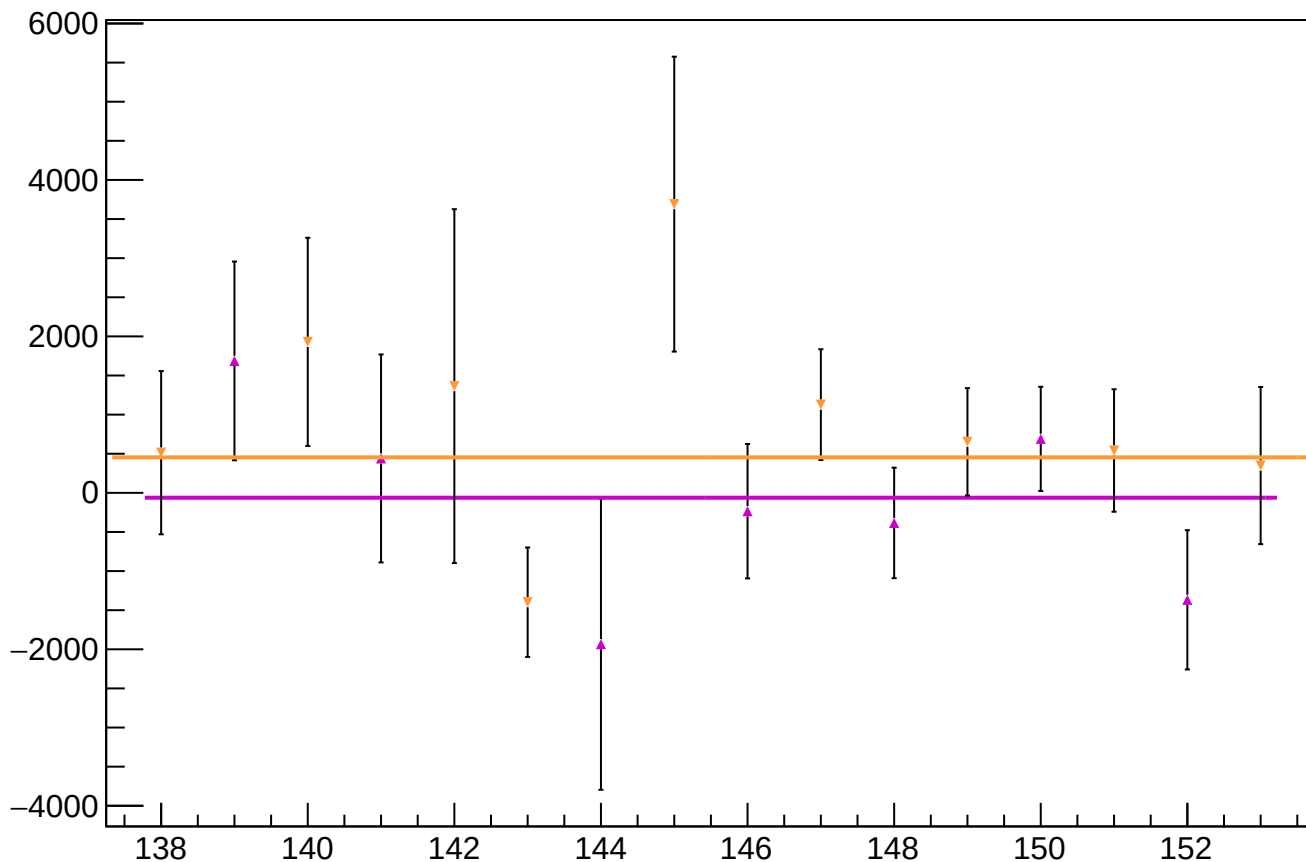
Left In: 2447.491+/-0.719 χ^2/NDF : 3886.6/6

+ sign 2558.966+/-0.504 χ^2/NDF : 713234.0/25

All: 2571.816+/-0.360 χ^2/NDF : 1392266.4/51

- sign 2585.273+/-0.516 χ^2/NDF : 677701.9/25

asym_atl1_correction_mean vs Slug



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

Left Out: 453.682+/-305.098 χ^2/NDF : 12.4/8

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

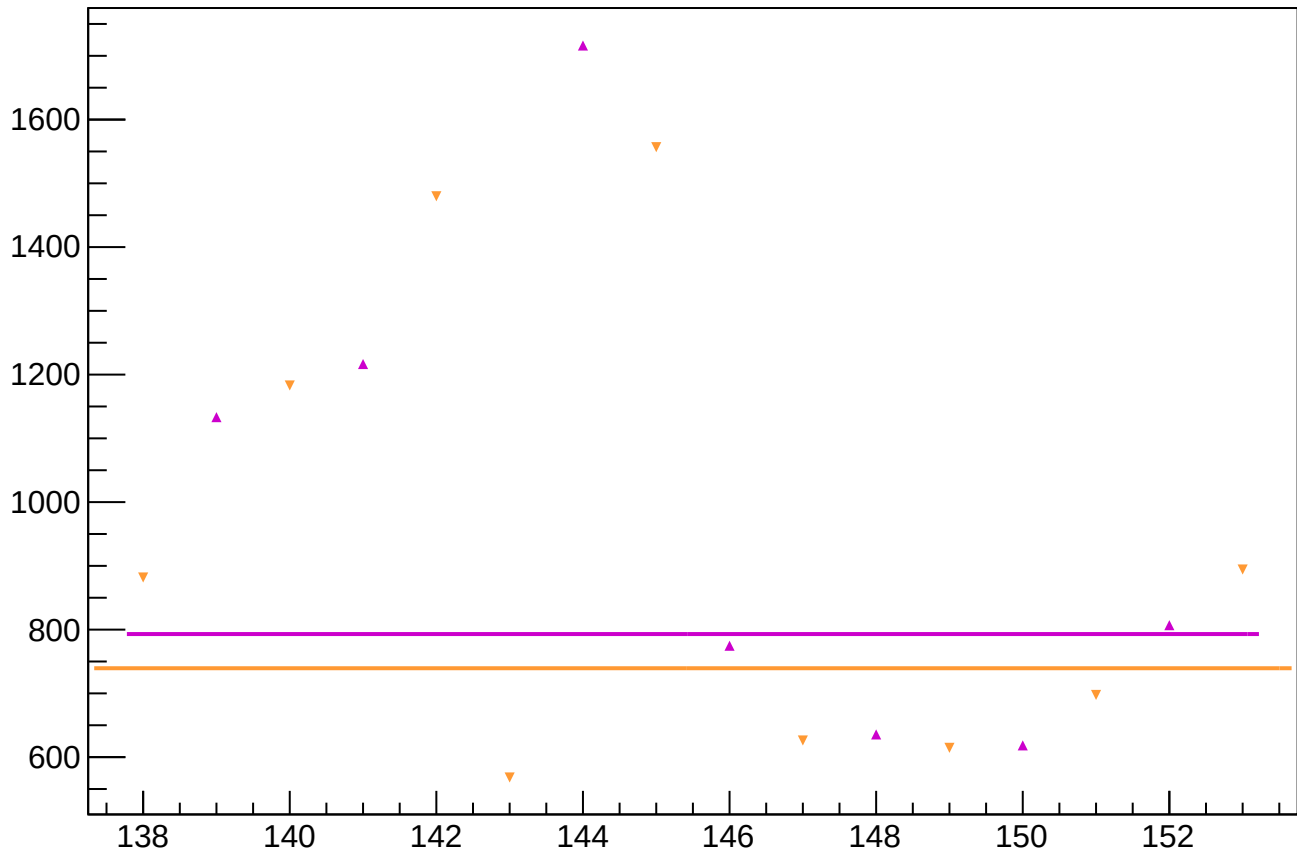
Left In: -62.156+/-346.004 χ^2/NDF : 6.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.044+/-228.839 χ^2/NDF : 20.3/15

- 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: 739.427+/-0.216 χ^2/NDF :1140267.0/8

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

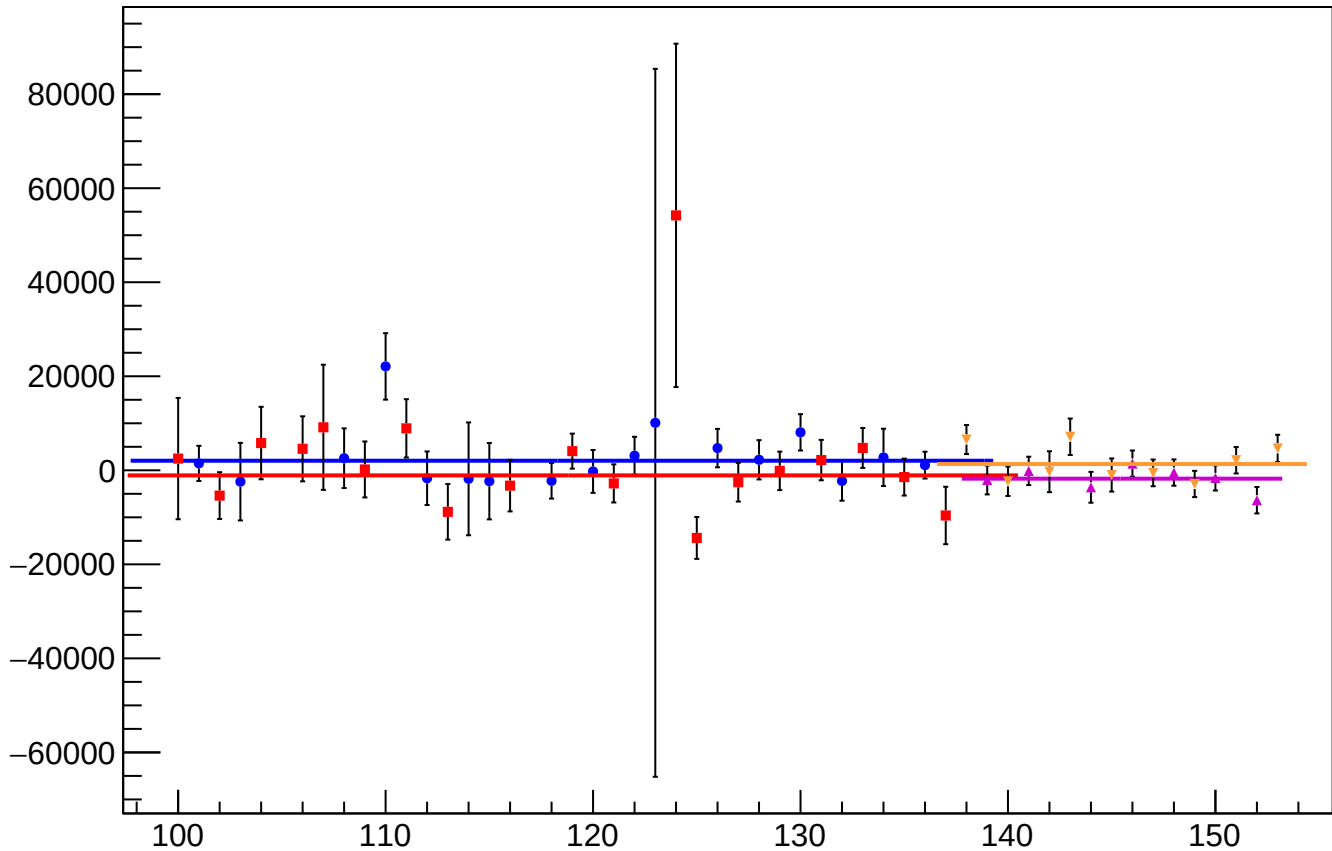
Left In: 793.048+/-0.245 χ^2/NDF :1076691.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.882+/-0.162 χ^2/NDF : 2243980.5/15

- 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: 1334.146+/-1052.300 χ^2/NDF : 11.2/8

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

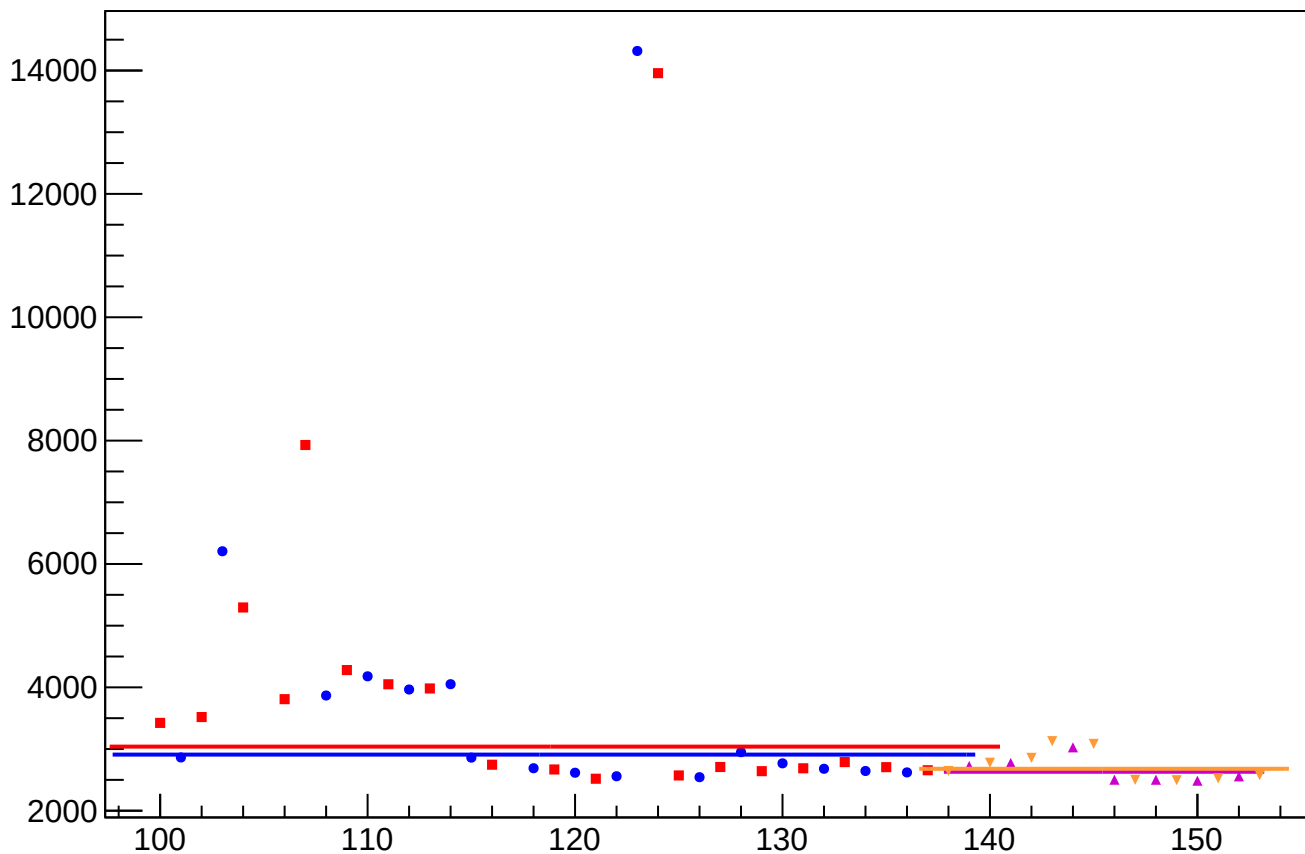
Left In: -1777.665+/-1095.847 χ^2/NDF : 4.8/6

+ sign 1654.389+/-776.771 χ^2/NDF : 26.2/25

All: 154.541+/-558.999 χ^2/NDF : 64.3/51

- sign -1456.606+/-805.076 χ^2/NDF : 30.3/25

asym_atl1_rms vs Slug



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

Left Out: 2679.687+/-0.744 χ^2/NDF : 83916.4/8

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

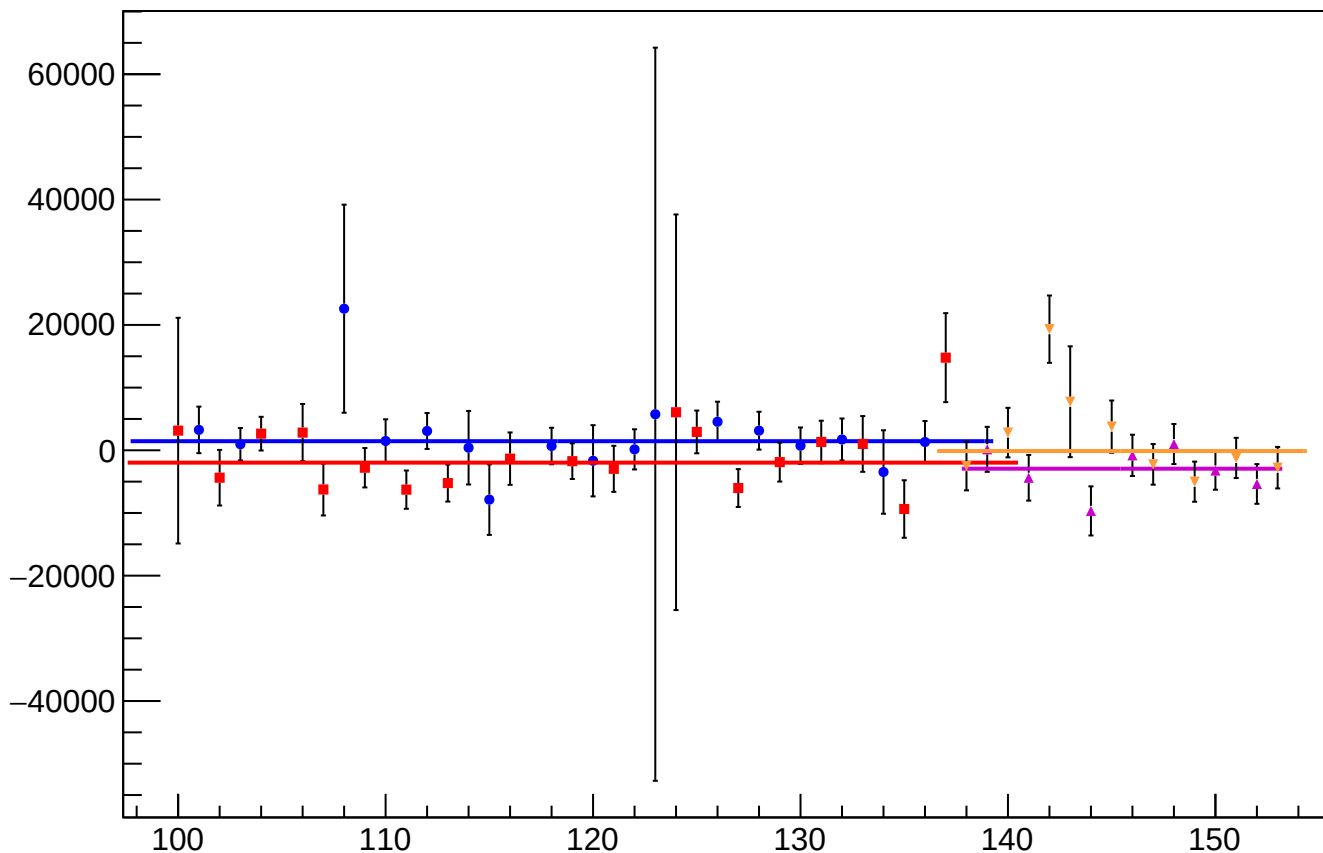
Left In: 2631.199+/-0.775 χ^2/NDF : 51264.6/6

+ sign 2784.383+/-0.549 χ^2/NDF : 769312.1/25

All: 2801.050+/-0.395 χ^2/NDF : 1961346.8/51

- sign 2818.954+/-0.569 χ^2/NDF : 1190124.9/25

dit_asym_atl2_mean vs Slug



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

Left Out: -120.272 $\pm$ 1273.166 χ^2 /NDF:19.2/8

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

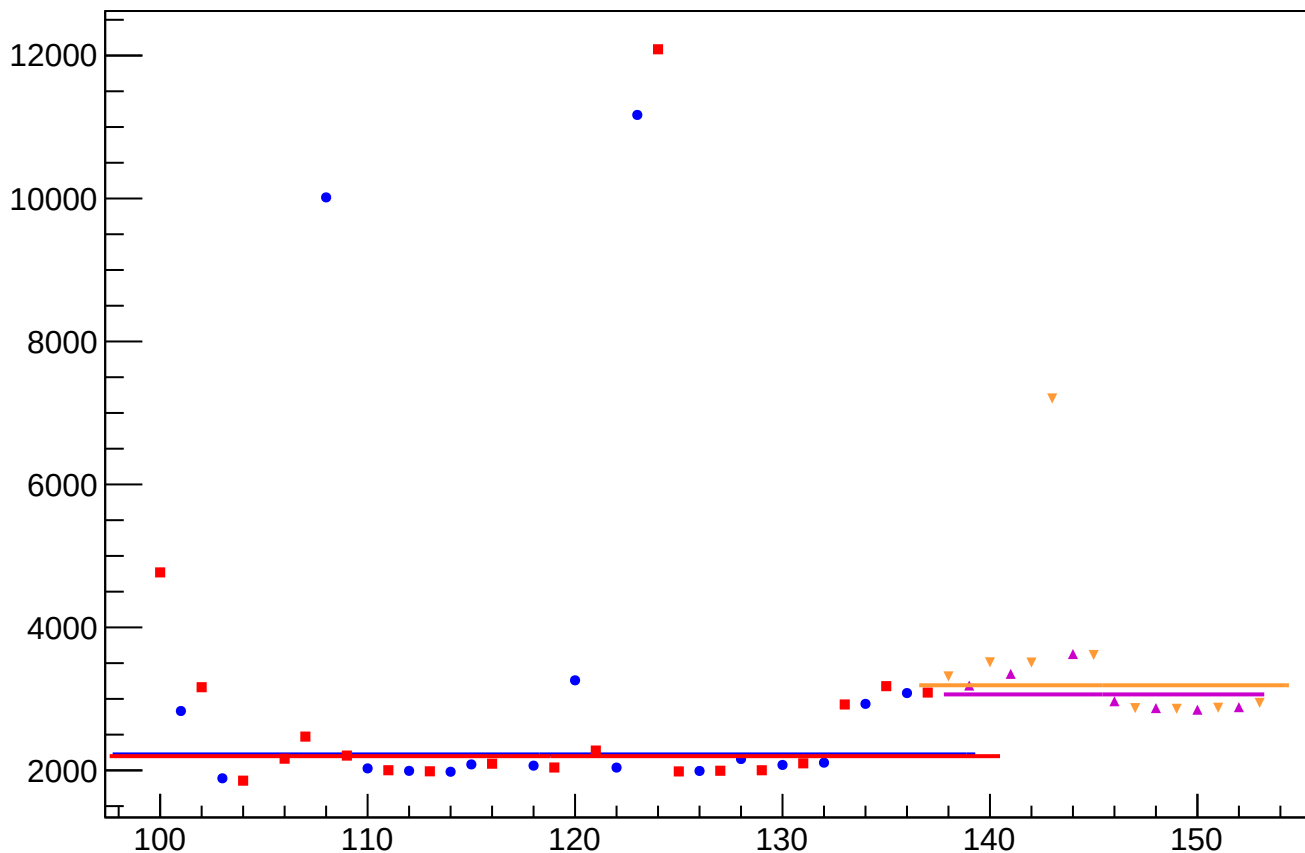
Left In: -2935.833 $\pm$ 1275.828 χ^2 /NDF:6.4/6

+ sign 936.650 $\pm$ 728.897 χ^2 /NDF: 27.7/25

All: -712.297 $\pm$ 507.736 χ^2 /NDF: 66.8/51

- sign -2266.583 $\pm$ 707.666 χ^2 /NDF: 29.2/25

dit_asym_atl2_rms vs Slug



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

Left Out: 3190.623+/-0.900 χ^2/NDF : 525773.0/8

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

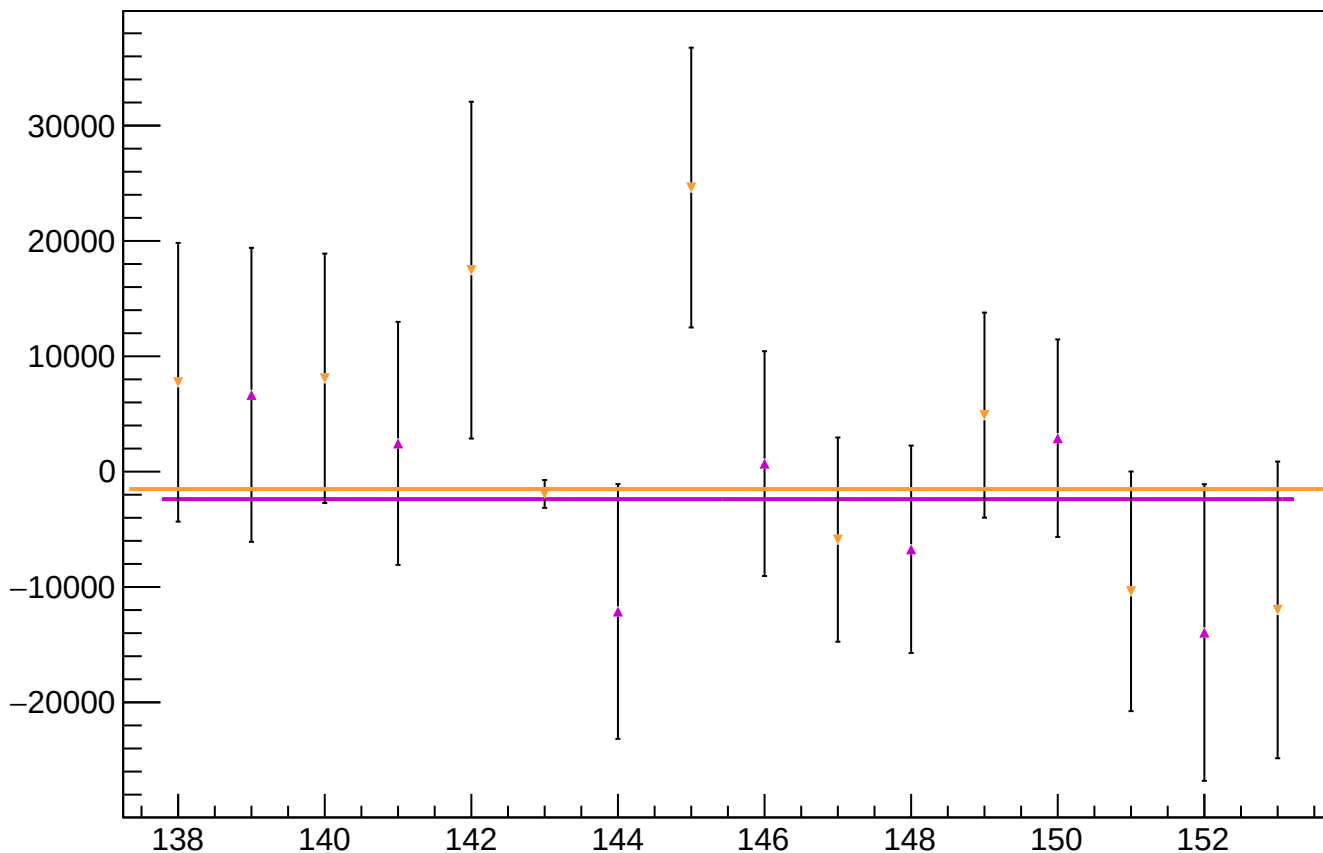
Left In: 3062.801+/-0.902 χ^2/NDF : 81343.8/6

+ sign 2540.241+/-0.515 χ^2/NDF : 2152443.7/25

All: 2501.143+/-0.359 χ^2/NDF : 3482749.8/51

- sign 2464.325+/-0.500 χ^2/NDF : 1319132.6/25

asym_atl2_correction_mean vs Slug



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

Left Out: -1506.149+/-1153.053 χ^2/NDF :10.0/8

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

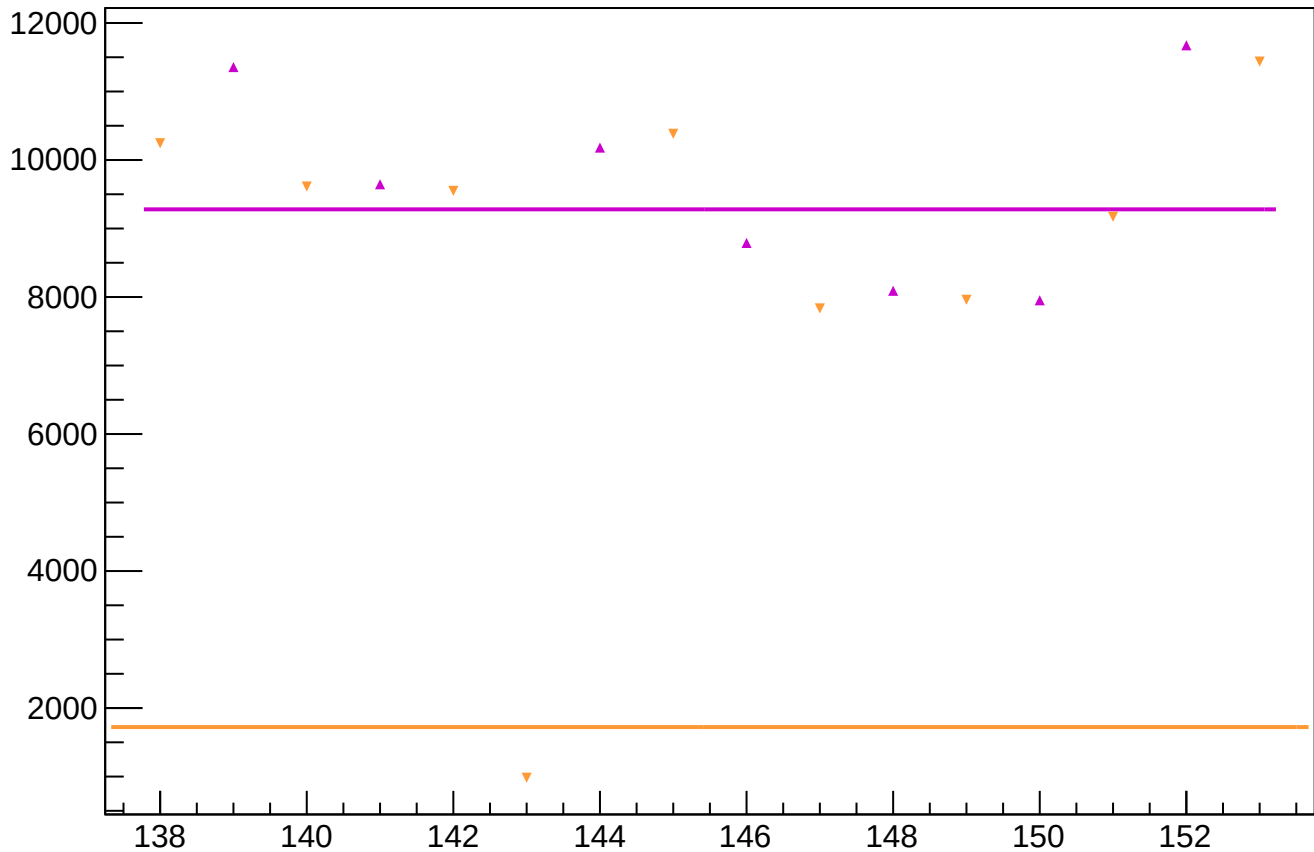
Left In: -2381.372+/-3893.516 χ^2/NDF :3.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1576.720+/-1105.590 χ^2/NDF : 13.1/15

- 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: 1722.329+/-0.815 χ^2/NDF : 8511943.4/8

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

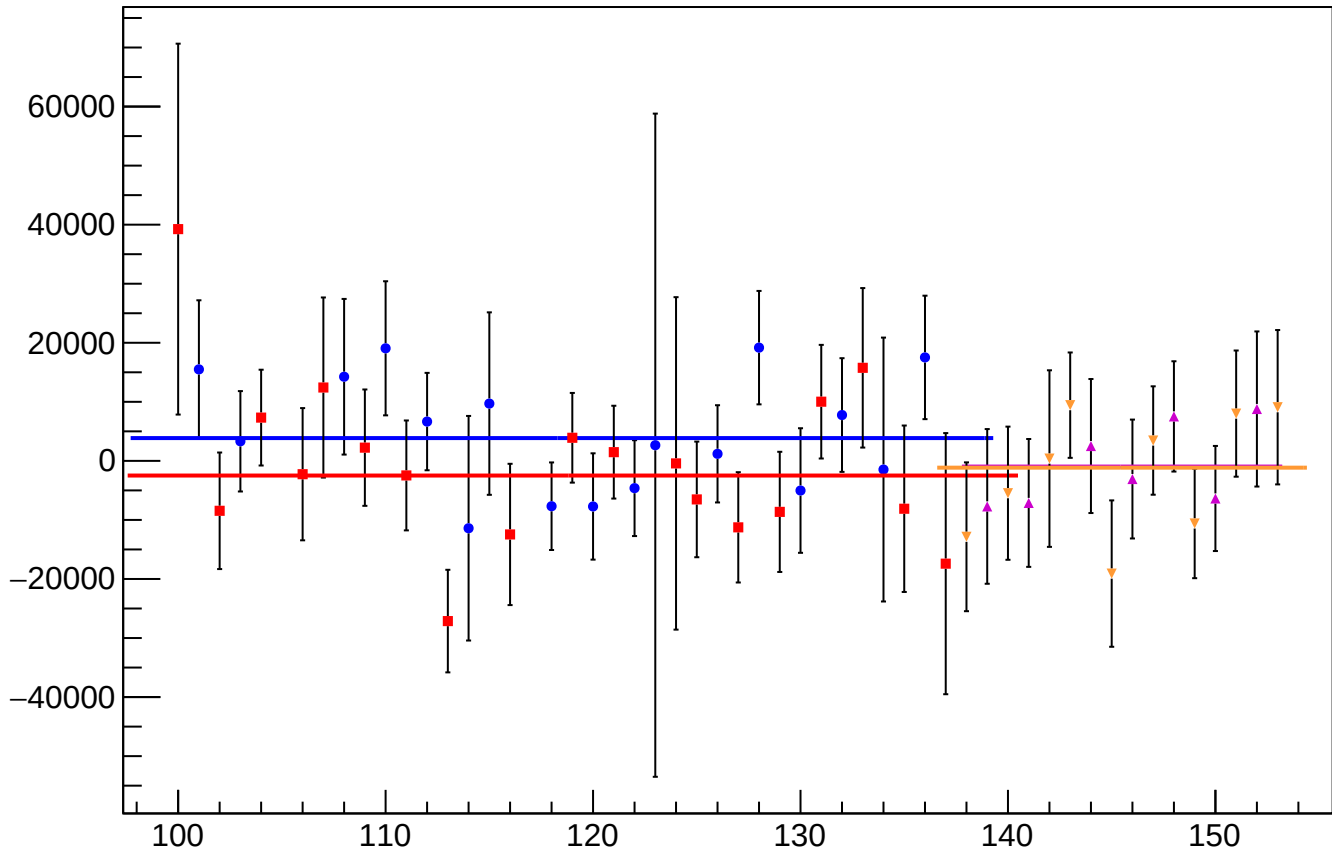
Left In: 9279.676+/-2.753 χ^2/NDF : 226374.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.689+/-0.782 χ^2/NDF : 15665784.2/1

- 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: -1149.814+/-3631.194 χ^2/NDF : 7.2/8

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

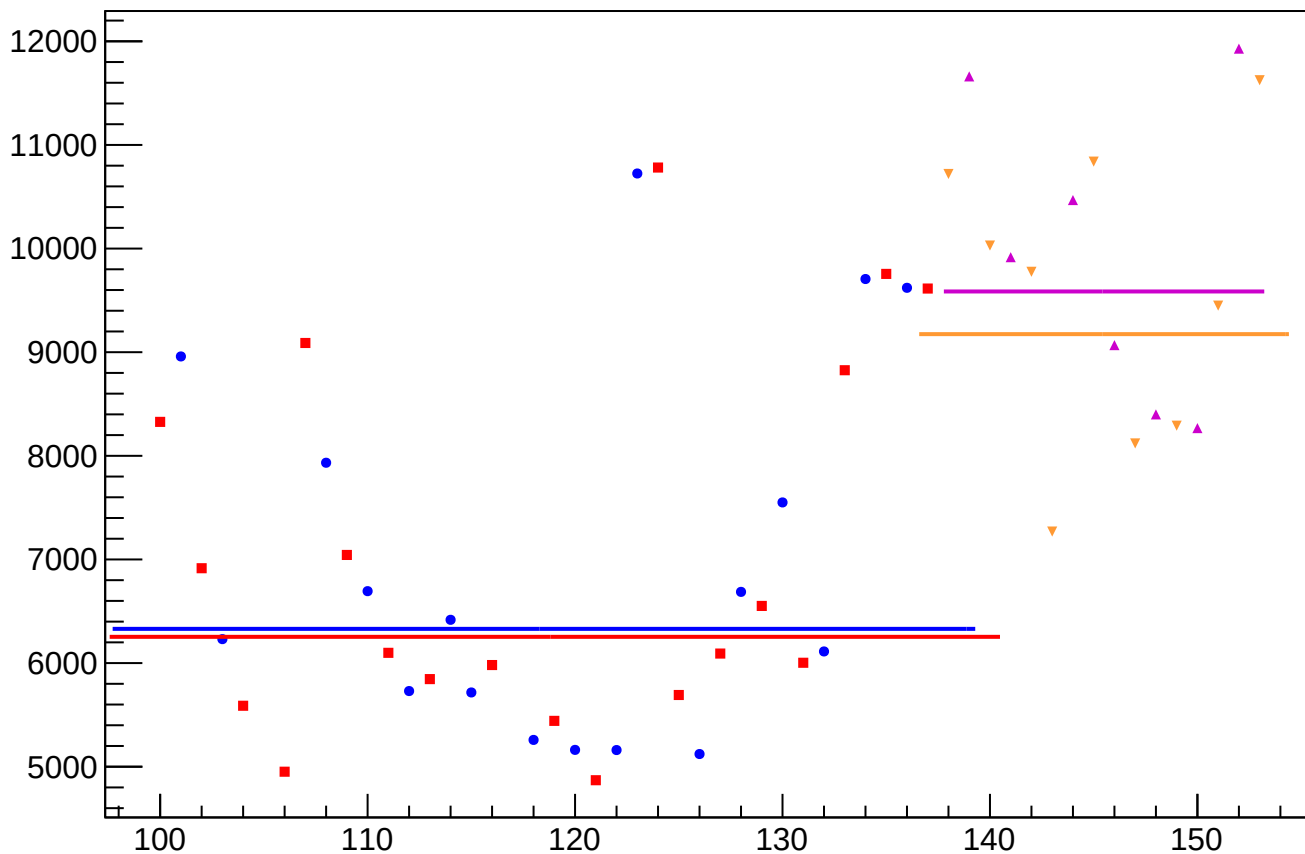
Left In: -963.843+/-4019.888 χ^2/NDF : 2.5/6

+ sign 2241.202+/-2064.063 χ^2/NDF : 23.2/25

All: 91.839+/-1463.055 χ^2/NDF : 48.0/51

- sign -2078.516+/-2074.118 χ^2/NDF : 22.6/25

asym_atl2_rms vs Slug



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

Left Out: 9174.266+/-2.568 χ^2/NDF : 288293.9/8

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

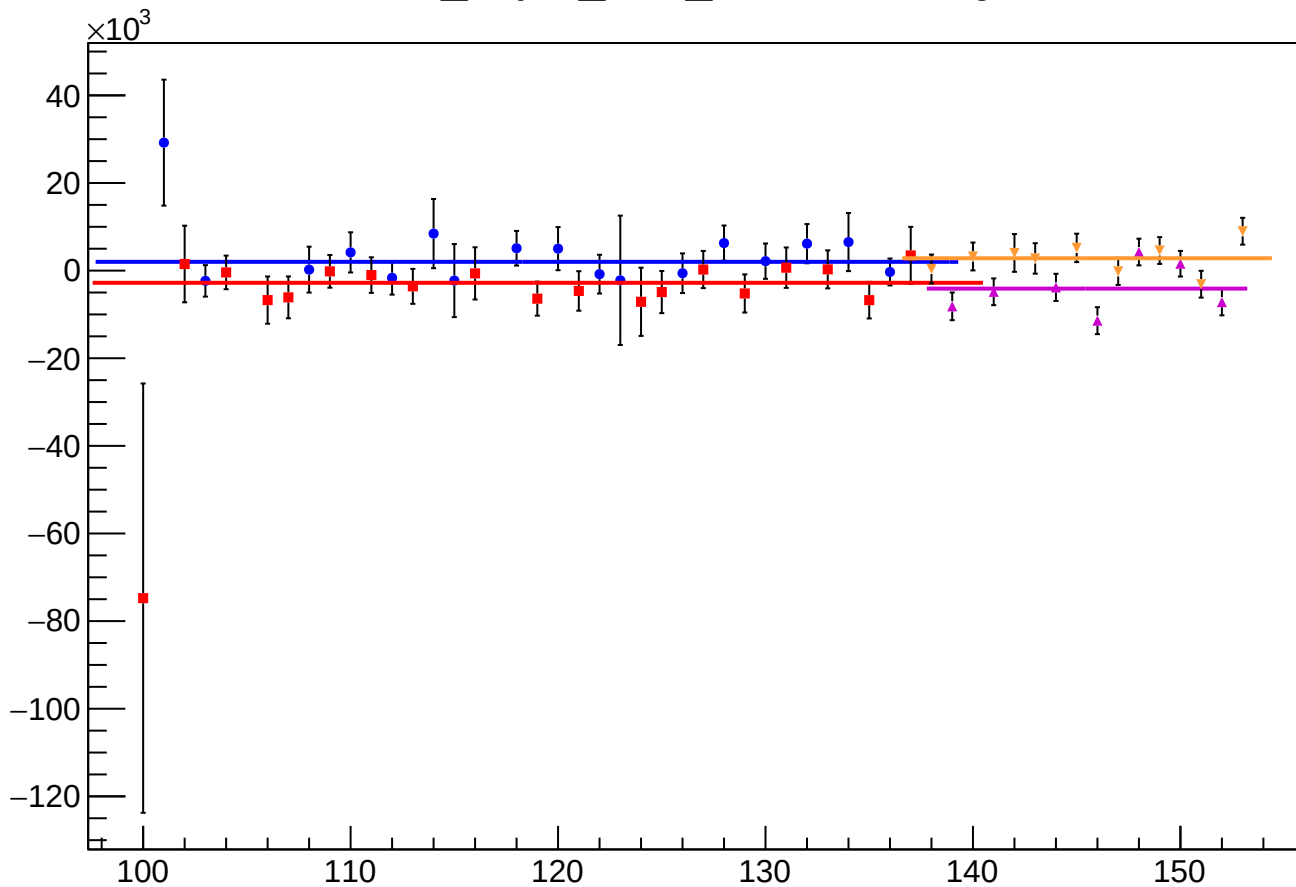
Left In: 9585.997+/-2.842 χ^2/NDF : 209294.4/6

+ sign 7249.194+/-1.460 χ^2/NDF : 1712120.8/25

All: 7195.105+/-1.035 χ^2/NDF : 3468233.0/51

- sign 7140.490+/-1.467 χ^2/NDF : 1753352.0/25

dit_asym_atr1_mean vs Slug



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

Left Out: 2822.423 $\pm$ 1086.236 χ^2 /NDF:10.3/8

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

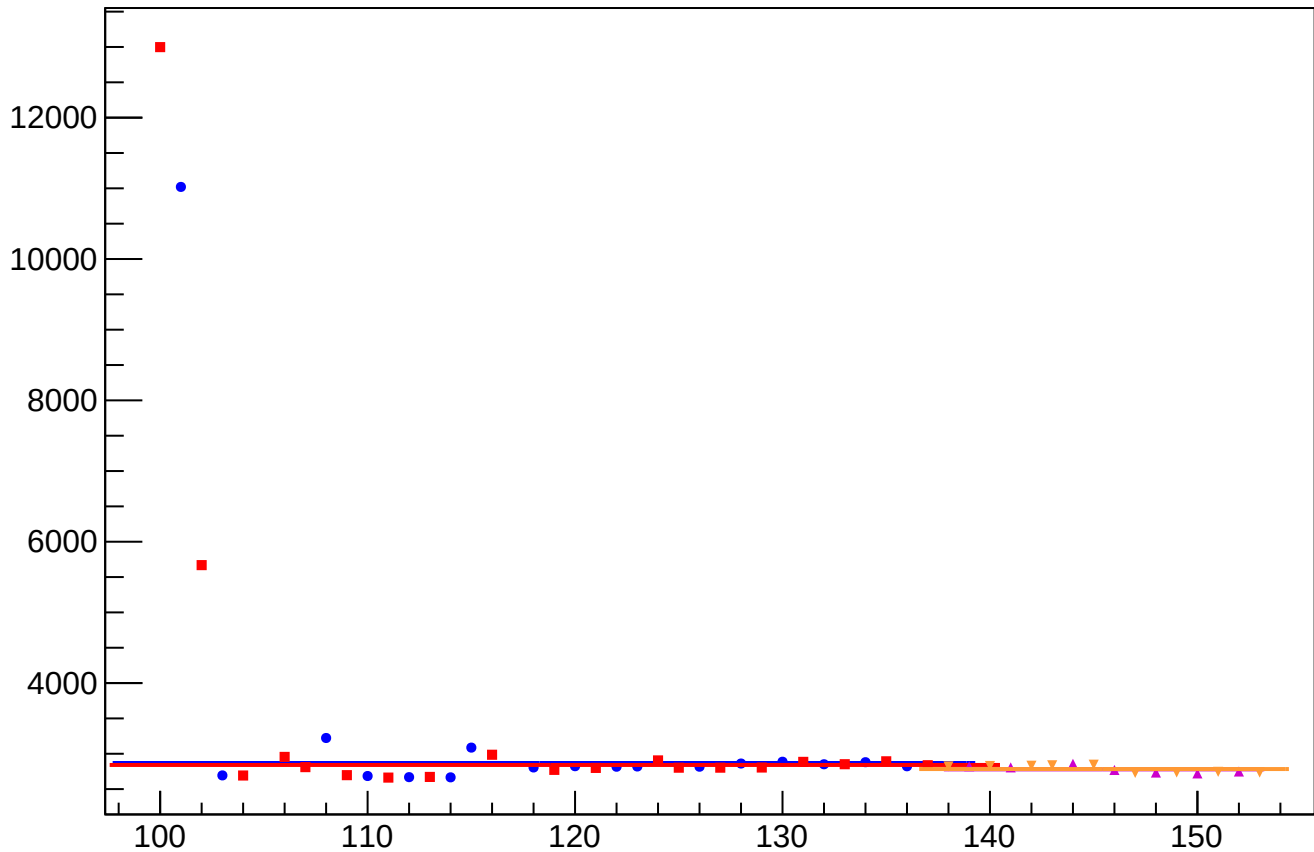
Left In: -4105.786 $\pm$ 1153.612 χ^2 /NDF:19.7/6

+ sign 2431.558 $\pm$ 784.507 χ^2 /NDF: 22.6/25

All: -462.664 $\pm$ 556.943 χ^2 /NDF: 80.3/51

- sign -3403.538 $\pm$ 790.804 χ^2 /NDF: 30.3/25

dit_asym_atr1_rms vs Slug



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

Left Out: 2783.666 $\pm$ 0.768 χ^2 /NDF: 4051.0/8

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

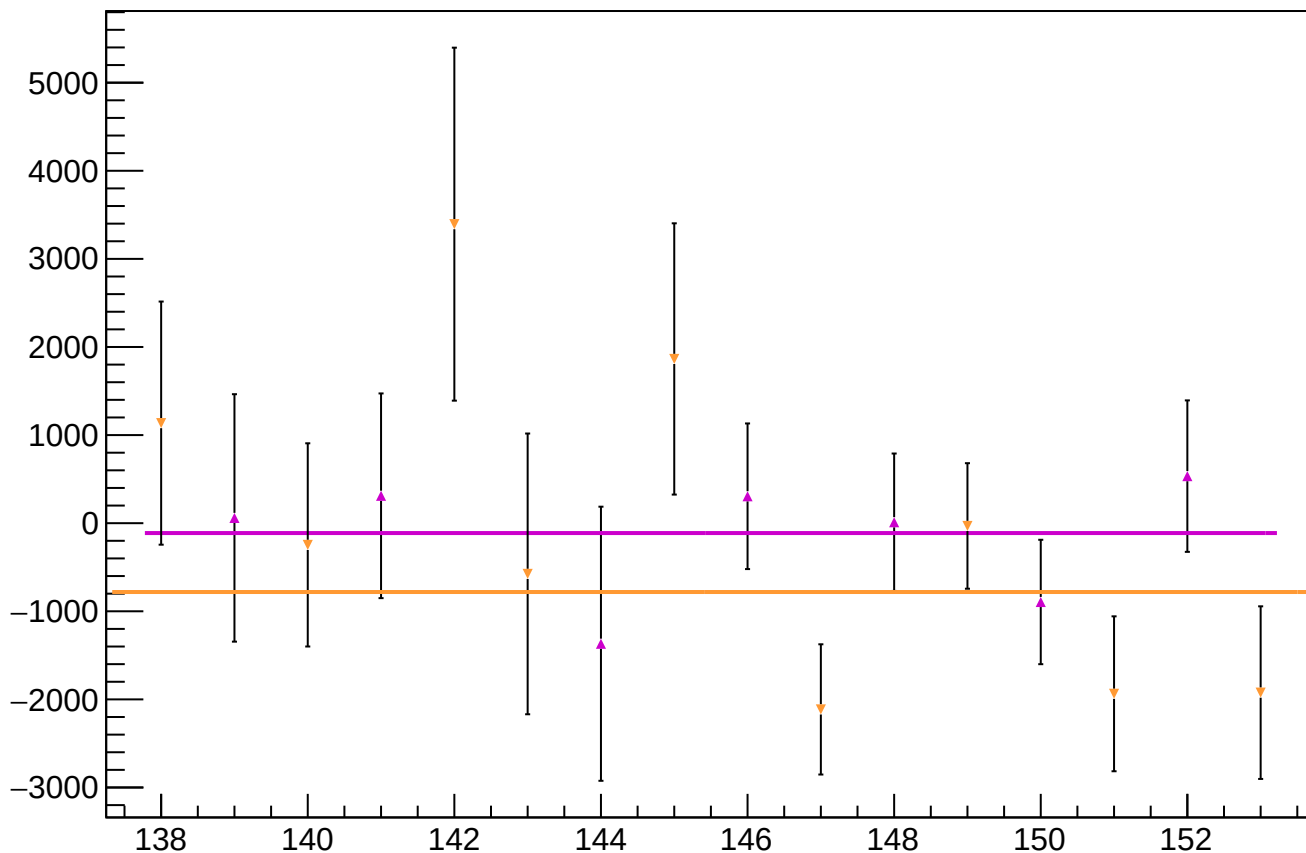
Left In: 2779.034 $\pm$ 0.816 χ^2 /NDF: 3256.4/6

+ sign 2824.583 $\pm$ 0.555 χ^2 /NDF: 679883.7/25

All: 2818.430 $\pm$ 0.394 χ^2 /NDF: 999025.6/51

- sign 2812.179 $\pm$ 0.559 χ^2 /NDF: 318893.9/25

asym_atr1_correction_mean vs Slug



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

Left Out: -781.248+/-343.443 χ^2/NDF : 16.9/8

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

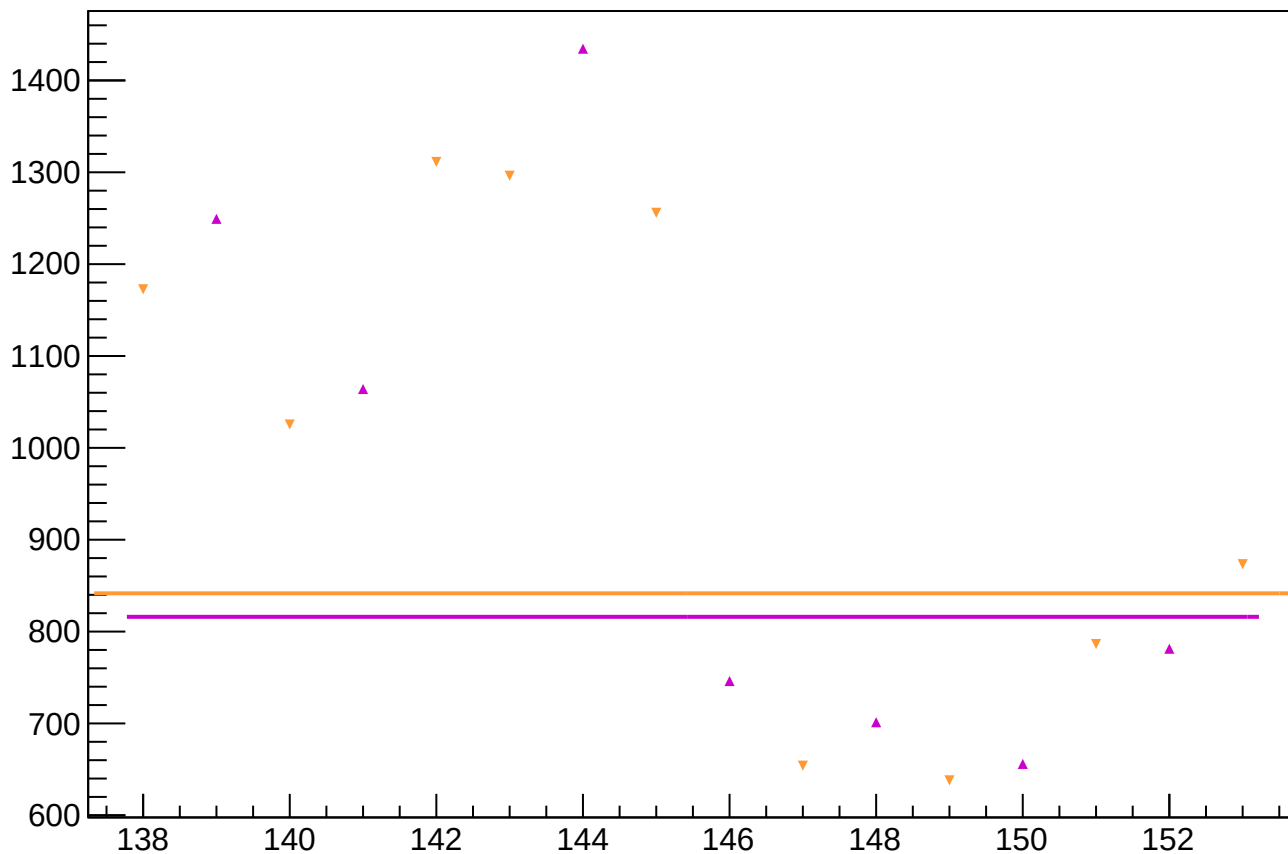
Left In: -112.063+/-350.741 χ^2/NDF : 2.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.690+/-245.390 χ^2/NDF : 21.6/15

- 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: 841.650+/-0.243 χ^2/NDF : 885554.4/8

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

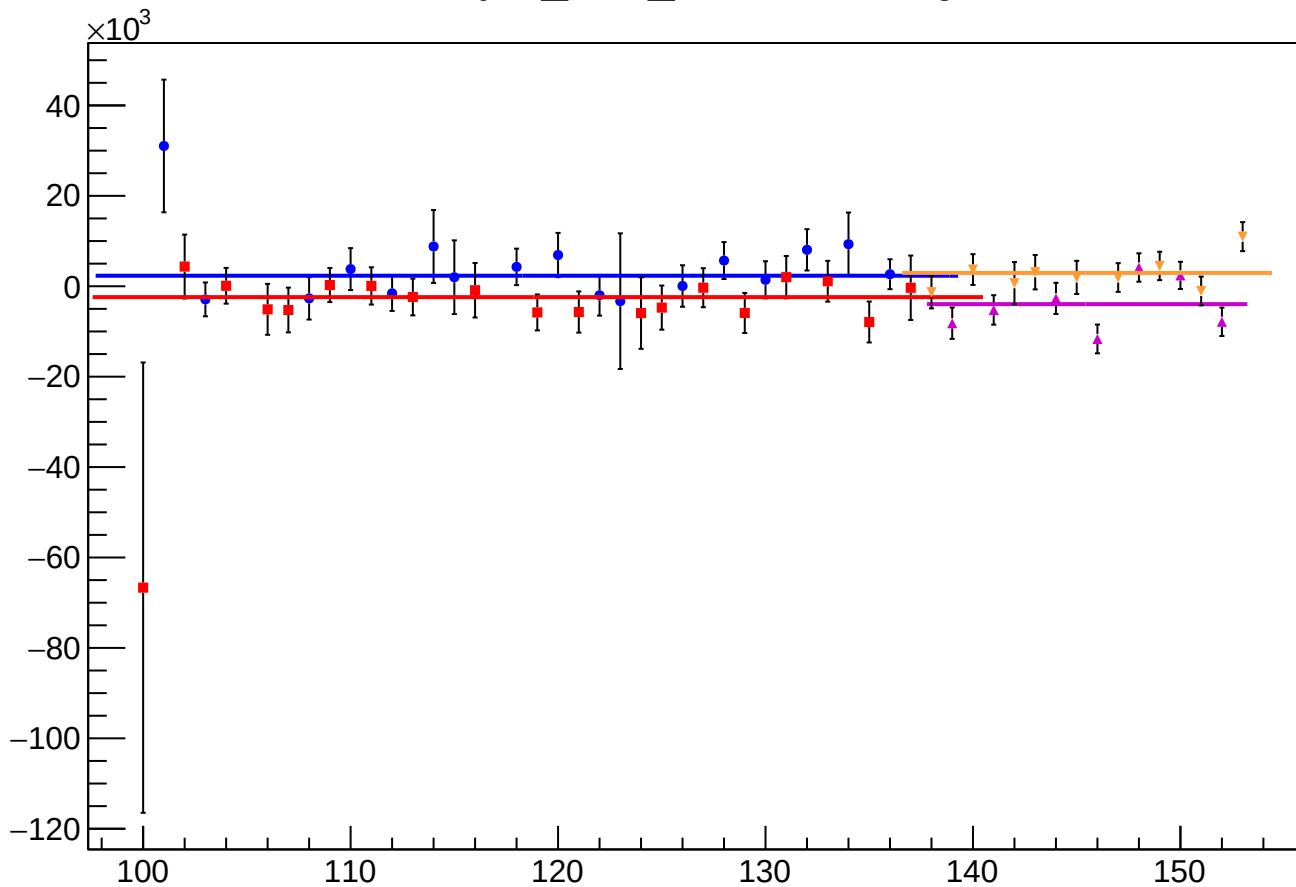
Left In: 816.059+/-0.248 χ^2/NDF : 761405.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.124+/-0.174 χ^2/NDF : 1652395.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 2954.292 ± 1154.674 χ^2/NDF : 9.9/8

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

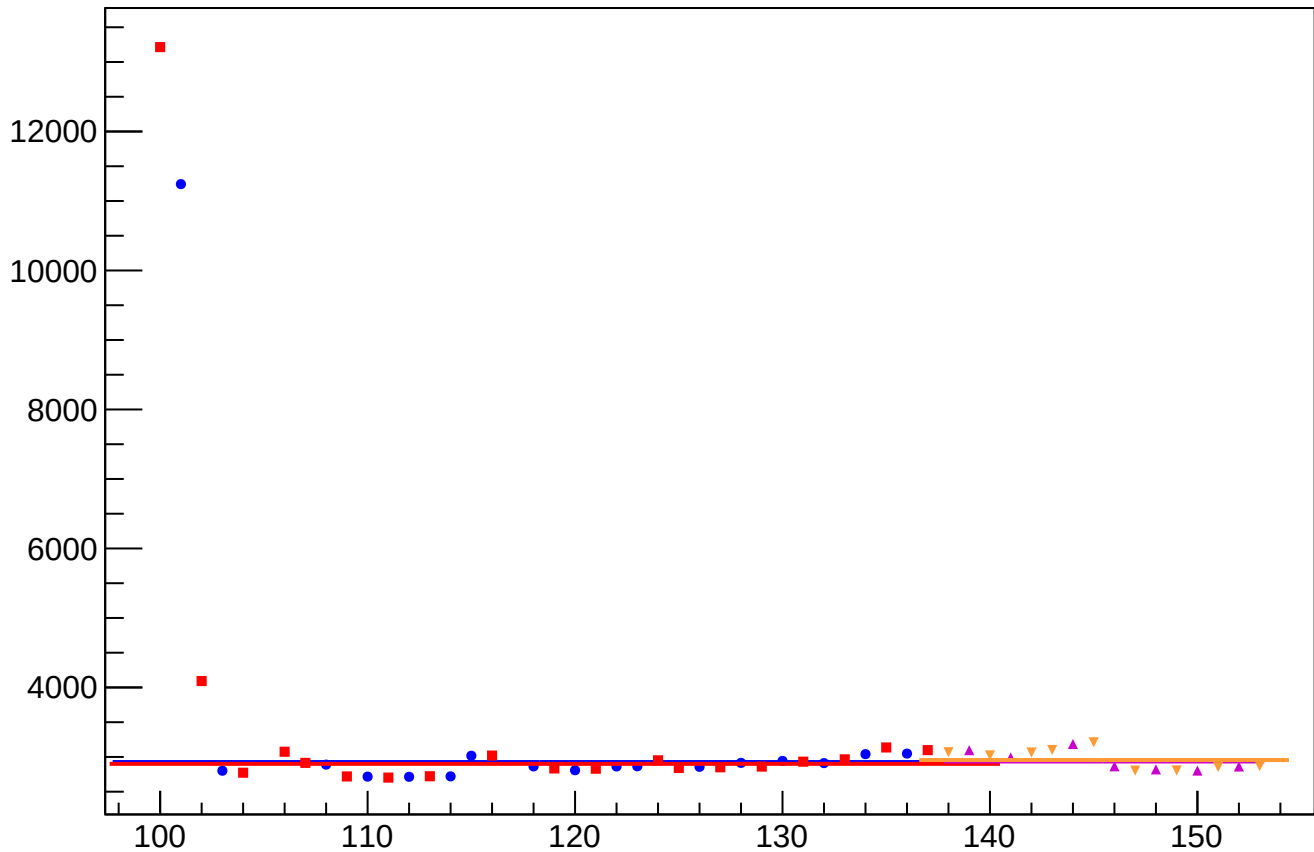
Left In: -3952.974 ± 1219.501 χ^2/NDF : 20.3/6

+ sign 2642.721 ± 817.142 χ^2/NDF : 24.5/25

All: -218.283 ± 579.136 χ^2/NDF : 80.3/51

- sign -3105.764 ± 820.914 χ^2/NDF : 31.2/25

asym_atr1_rms vs Slug



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

Left Out: 2955.469 $\pm$ 0.816 χ^2 /NDF: 29061.3/8

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

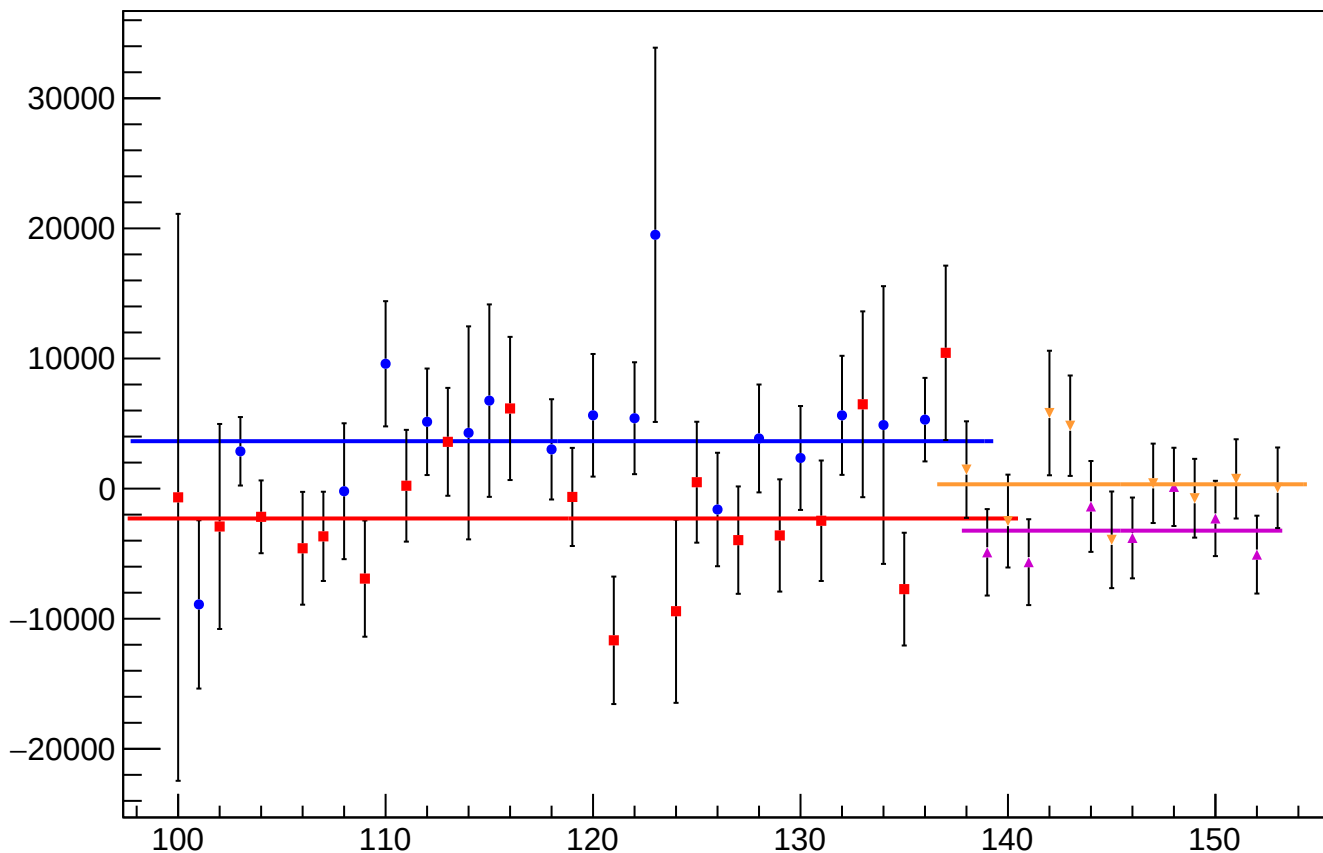
Left In: 2934.910 $\pm$ 0.862 χ^2 /NDF: 24027.5/6

+ sign 2941.063 $\pm$ 0.578 χ^2 /NDF: 692479.3/25

All: 2928.724 $\pm$ 0.410 χ^2 /NDF: 888144.0/51

- sign 2916.271 $\pm$ 0.580 χ^2 /NDF: 194748.4/25

dit_asym_atr2_mean vs Slug



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

Left Out: 331.979 ± 1144.768 χ^2/NDF : 4.9/8

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

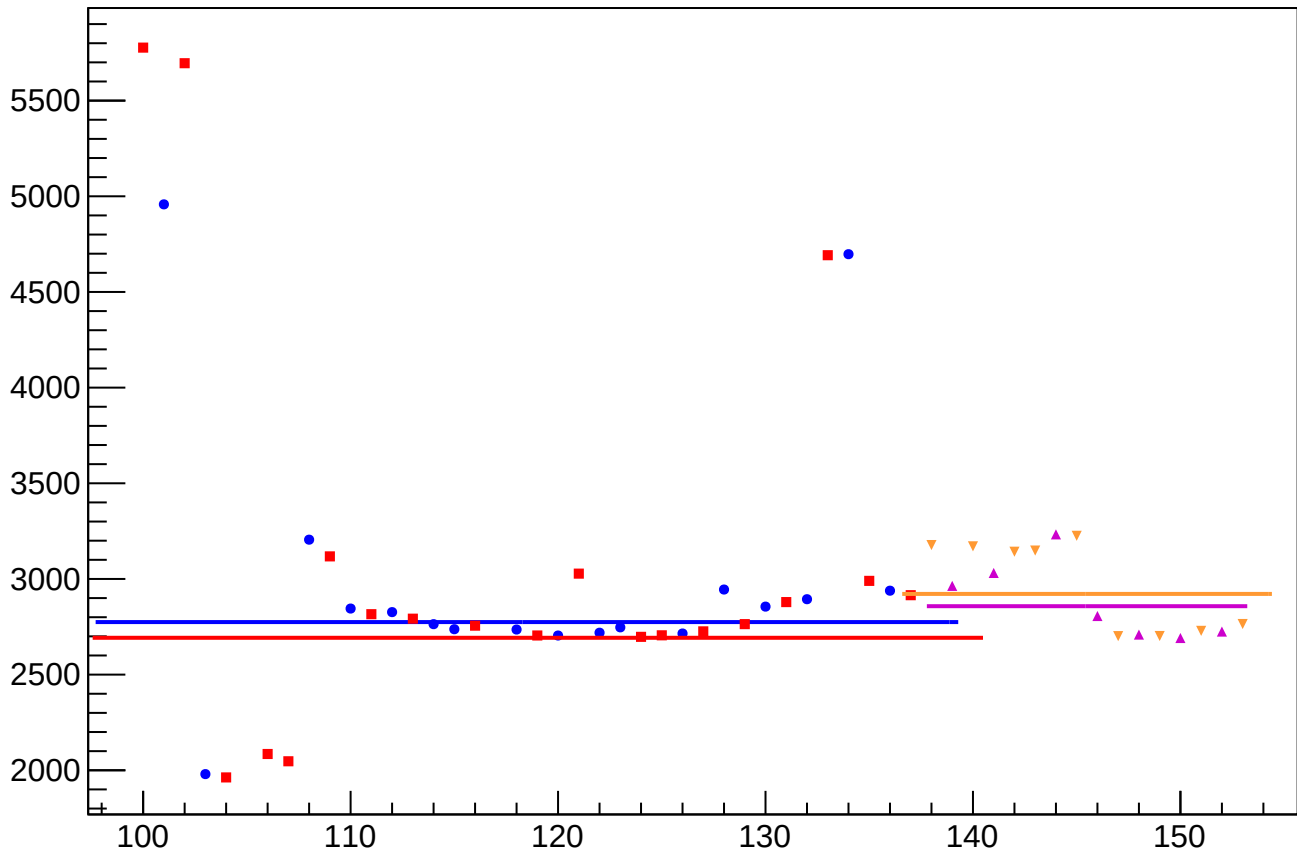
Left In: -3232.061 ± 1186.956 χ^2/NDF : 2.8/6

+ sign 2067.522 ± 789.962 χ^2/NDF : 19.1/25

All: -333.629 ± 556.870 χ^2/NDF : 59.1/51

- sign -2705.470 ± 785.126 χ^2/NDF : 21.6/25

dit_asym_atr2_rms vs Slug



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

Left Out: 2921.794+/-0.809 χ^2/NDF : 77912.7/8

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

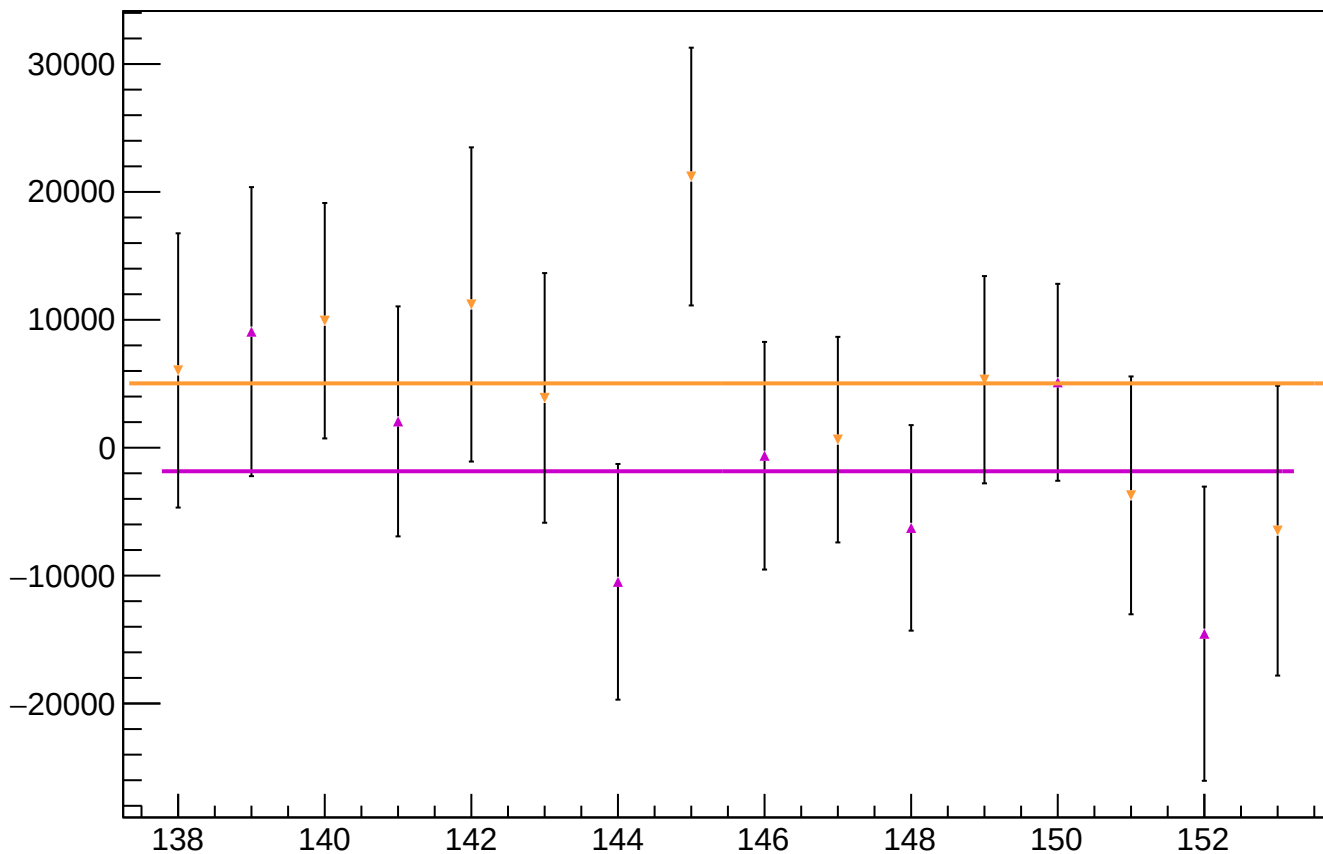
Left In: 2857.614+/-0.839 χ^2/NDF : 46656.5/6

+ sign 2844.701+/-0.559 χ^2/NDF : 596909.0/25

All: 2804.458+/-0.394 χ^2/NDF : 1455920.2/53

- sign 2764.721+/-0.555 χ^2/NDF : 848695.9/25

asym_atr2_correction_mean vs Slug



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

Left Out: 5031.845+/-3202.136 χ^2/NDF :5.4/8

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

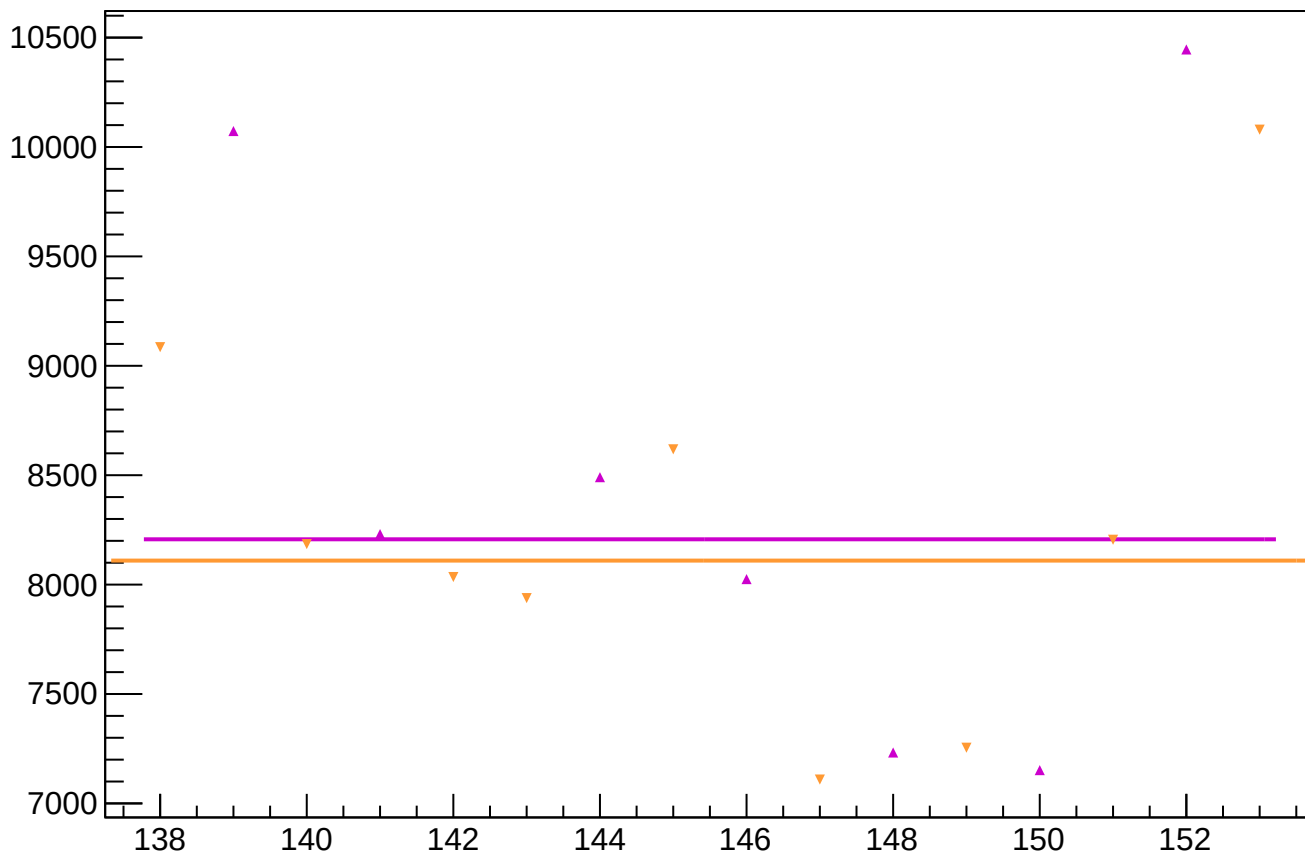
Left In: -1840.846+/-3439.861 χ^2/NDF :4.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1841.166+/-2343.792 χ^2/NDF : 11.9/15

- 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: 8109.753+/-2.264 χ^2/NDF : 136351.2/8

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

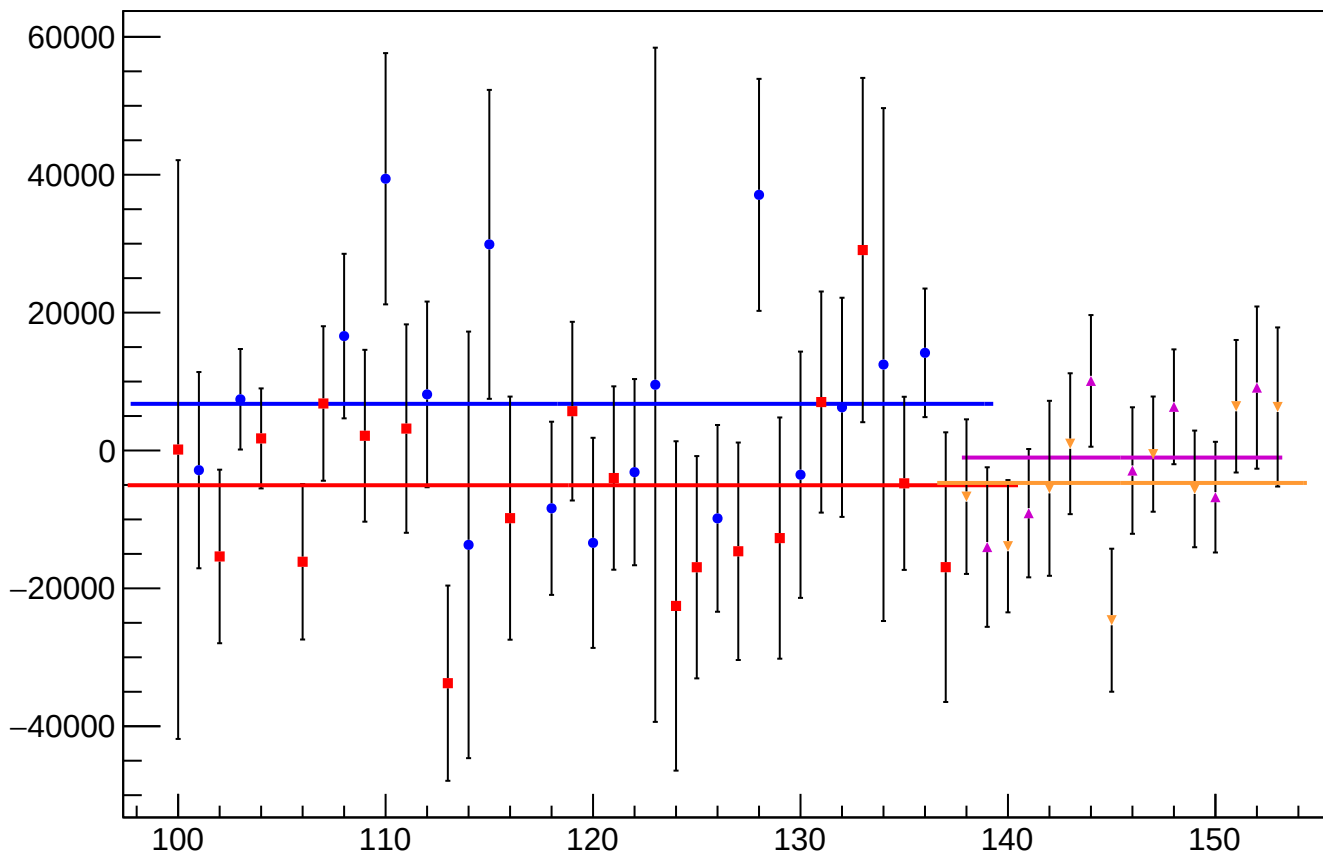
Left In: 8207.036+/-2.432 χ^2/NDF : 200000.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8154.917+/-1.657 χ^2/NDF : 337208.6/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 6767.402 $\pm$ 3387.139 χ^2 /NDF: 15.3/16

Left Out: -4706.995 $\pm$ 3323.834 χ^2 /NDF: 7.5/8

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

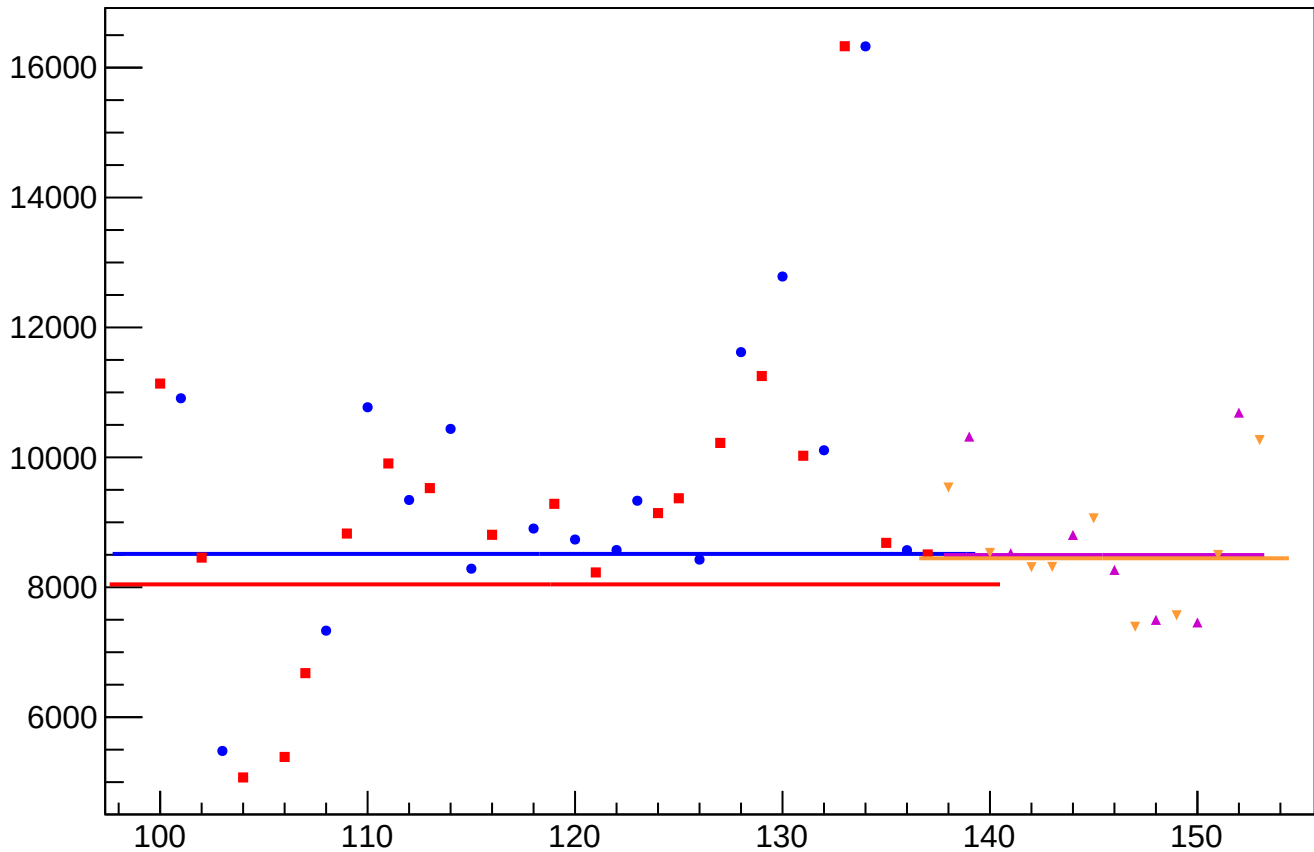
Left In: -1026.362 $\pm$ 3557.844 χ^2 /NDF: 5.4/6

+ sign 921.975 $\pm$ 2372.371 χ^2 /NDF: 28.7/25

All: -1177.841 $\pm$ 1675.200 χ^2 /NDF: 50.0/51

- sign -3266.084 $\pm$ 2365.825 χ^2 /NDF: 19.8/25

asym_atr2_rms vs Slug



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

Left Out: 8446.225+/-2.350 χ^2/NDF :129752.2/8

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

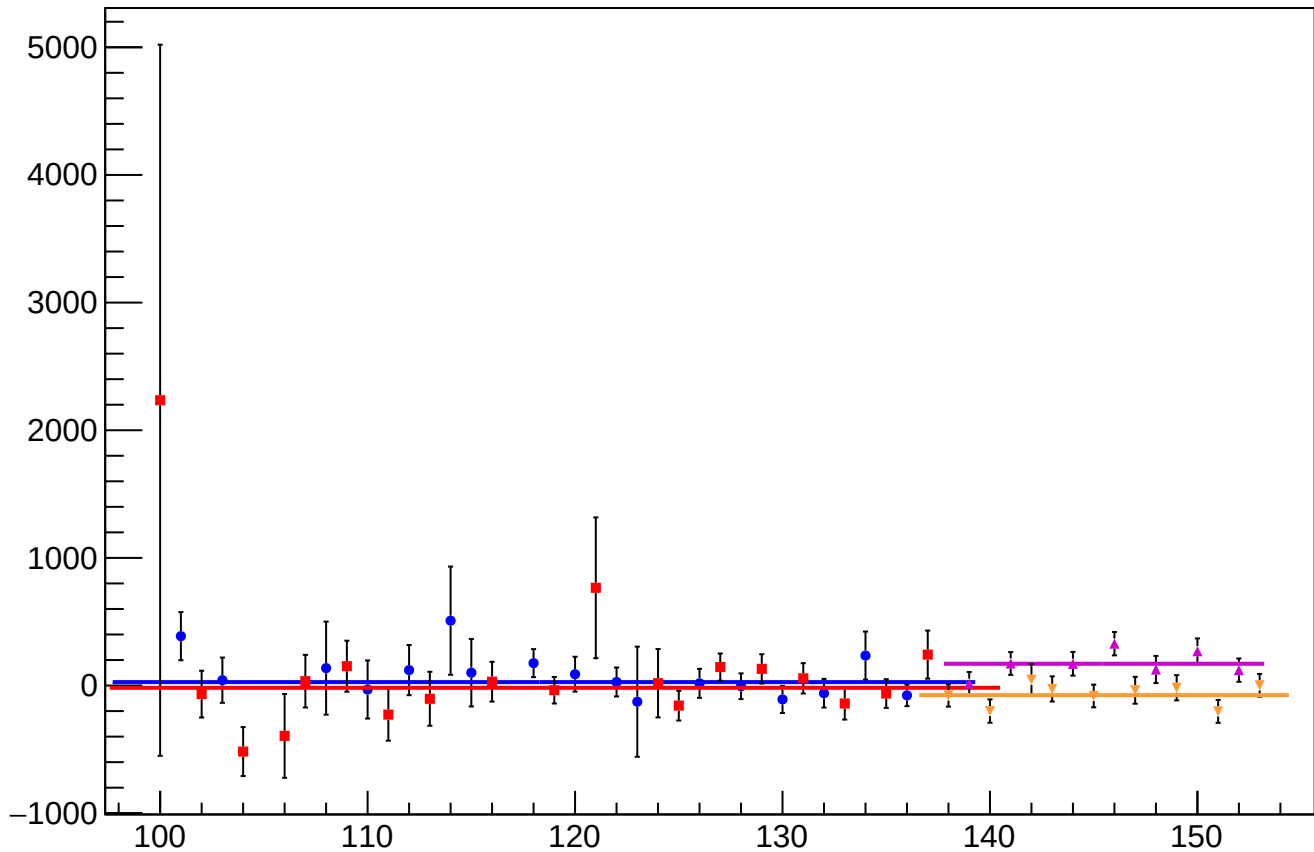
Left In: 8496.050+/-2.516 χ^2/NDF :184567.8/6

+ sign 8479.309+/-1.678 χ^2/NDF : 892770.6/25

All: 8361.472+/-1.185 χ^2/NDF : 2057442.6/51

- sign 8244.288+/-1.673 χ^2/NDF : 1154830.7/25

dit_asym_sam1_mean vs Slug



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

Left Out: -74.940+/-31.798 χ^2/NDF : 6.3/8

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

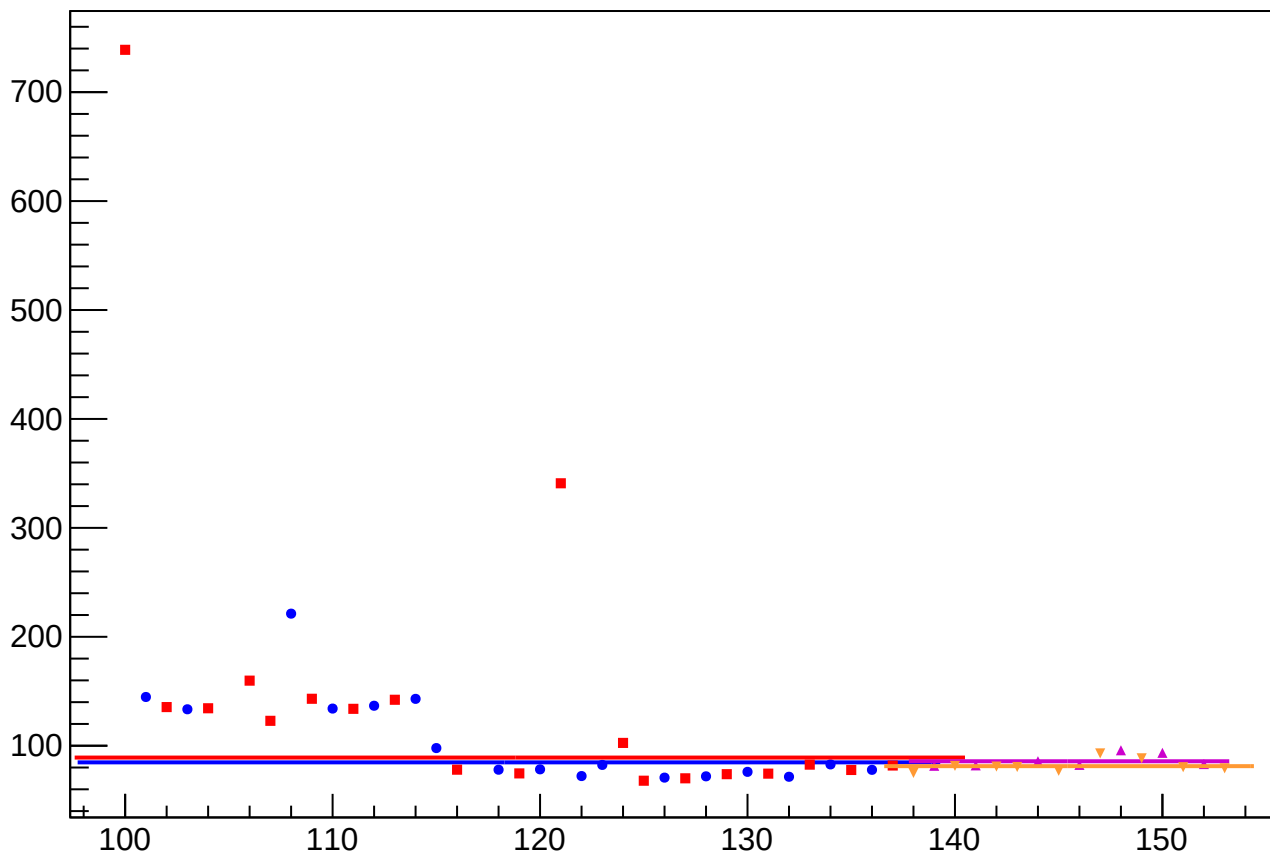
Left In: 170.776+/-35.669 χ^2/NDF : 7.3/6

+ sign -27.452+/-23.233 χ^2/NDF : 23.7/25

All: 20.300+/-17.075 χ^2/NDF : 76.0/51

- sign 76.384+/-25.179 χ^2/NDF : 43.1/25

dit_asym_sam1_rms vs Slug



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

Left Out: 81.252 $\pm$ 0.022 χ^2 /NDF: 51459.1/8

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

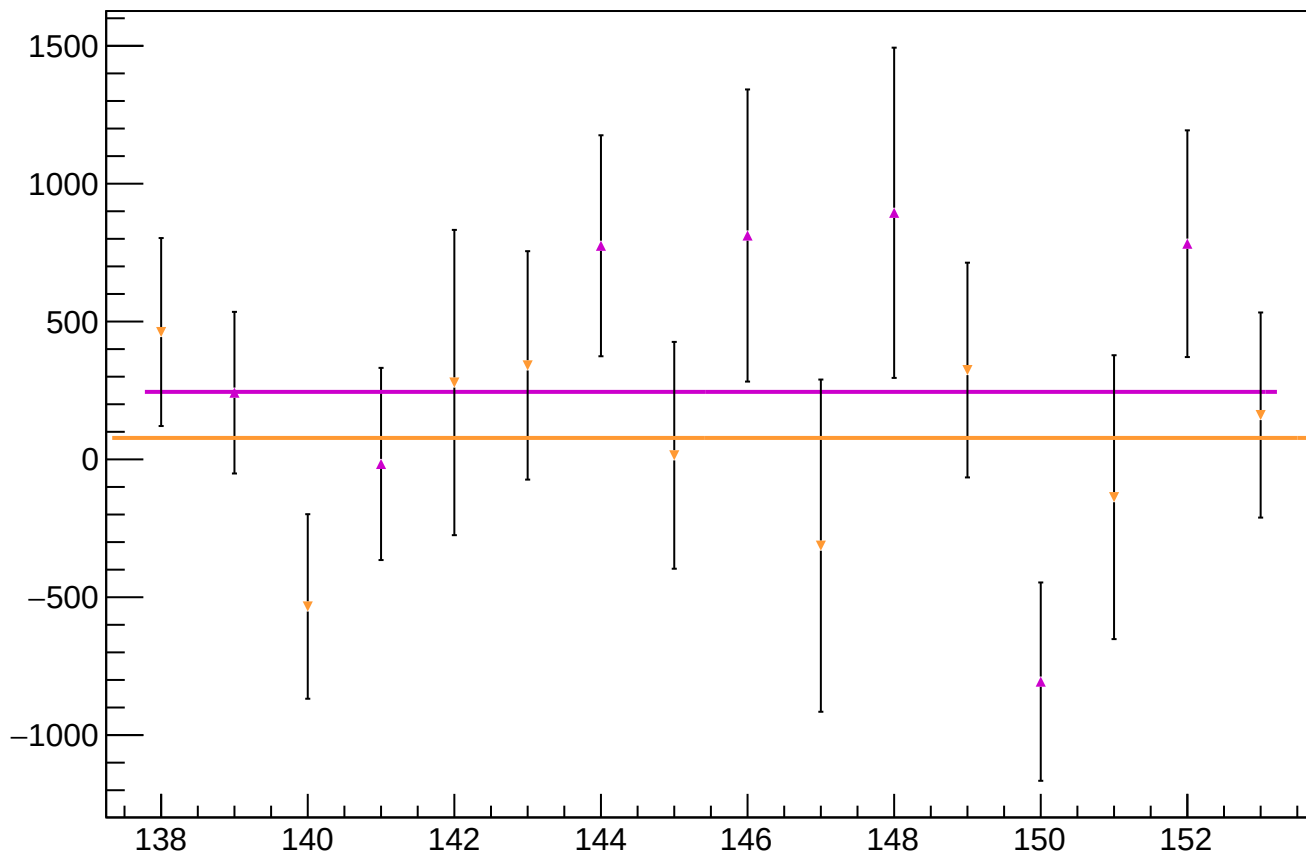
Left In: 85.745 $\pm$ 0.025 χ^2 /NDF: 41620.8/6

+ sign 82.876 $\pm$ 0.016 χ^2 /NDF: 1127079.0/25

All: 84.980 $\pm$ 0.012 χ^2 /NDF: 2772714.1/51

- sign 87.450 $\pm$ 0.018 χ^2 /NDF: 1609998.4/25

asym_sam1_correction_mean vs Slug



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

Left Out: 77.821+/-137.525 χ^2/NDF : 6.2/8

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

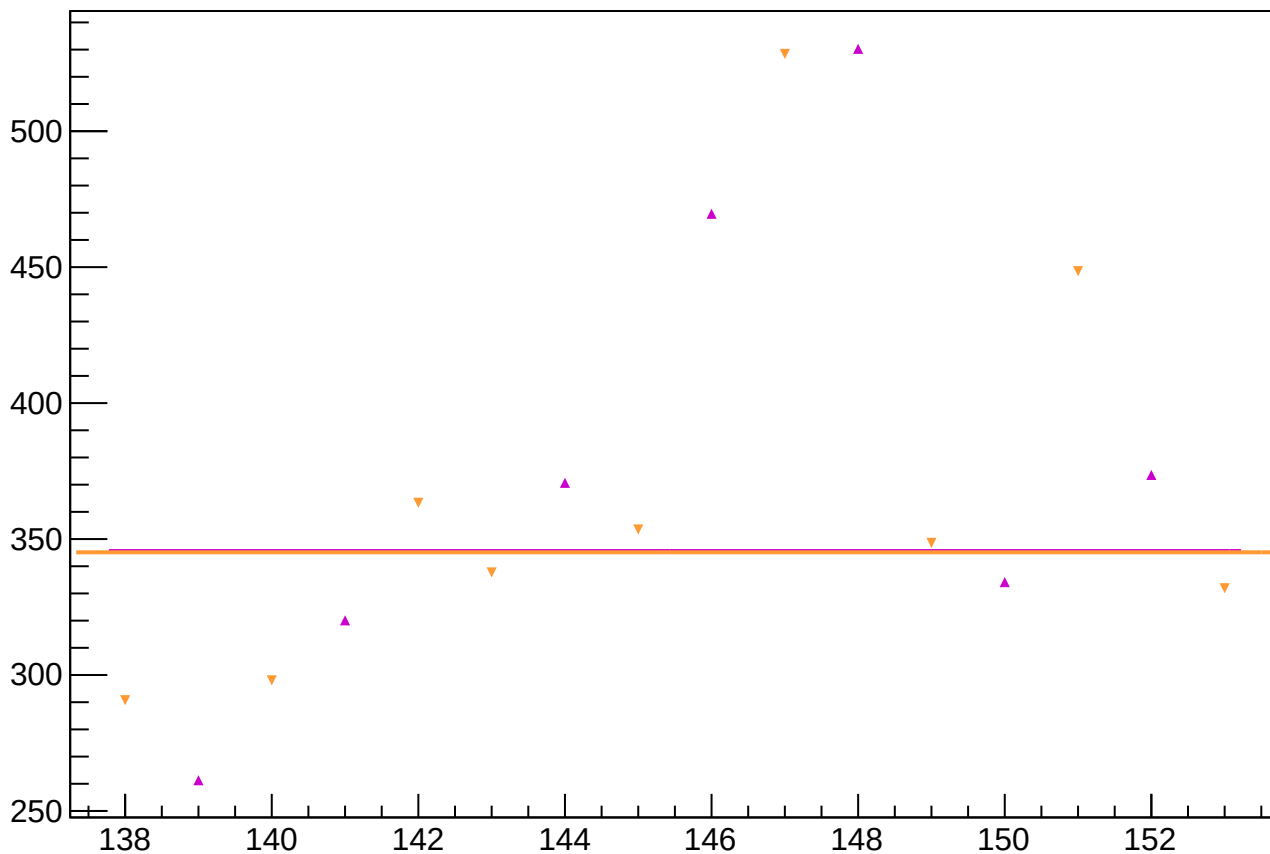
Left In: 244.866+/-147.295 χ^2/NDF : 14.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.620+/-100.521 χ^2/NDF : 21.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 345.130+/-0.097 χ^2/NDF : 362542.4/8

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

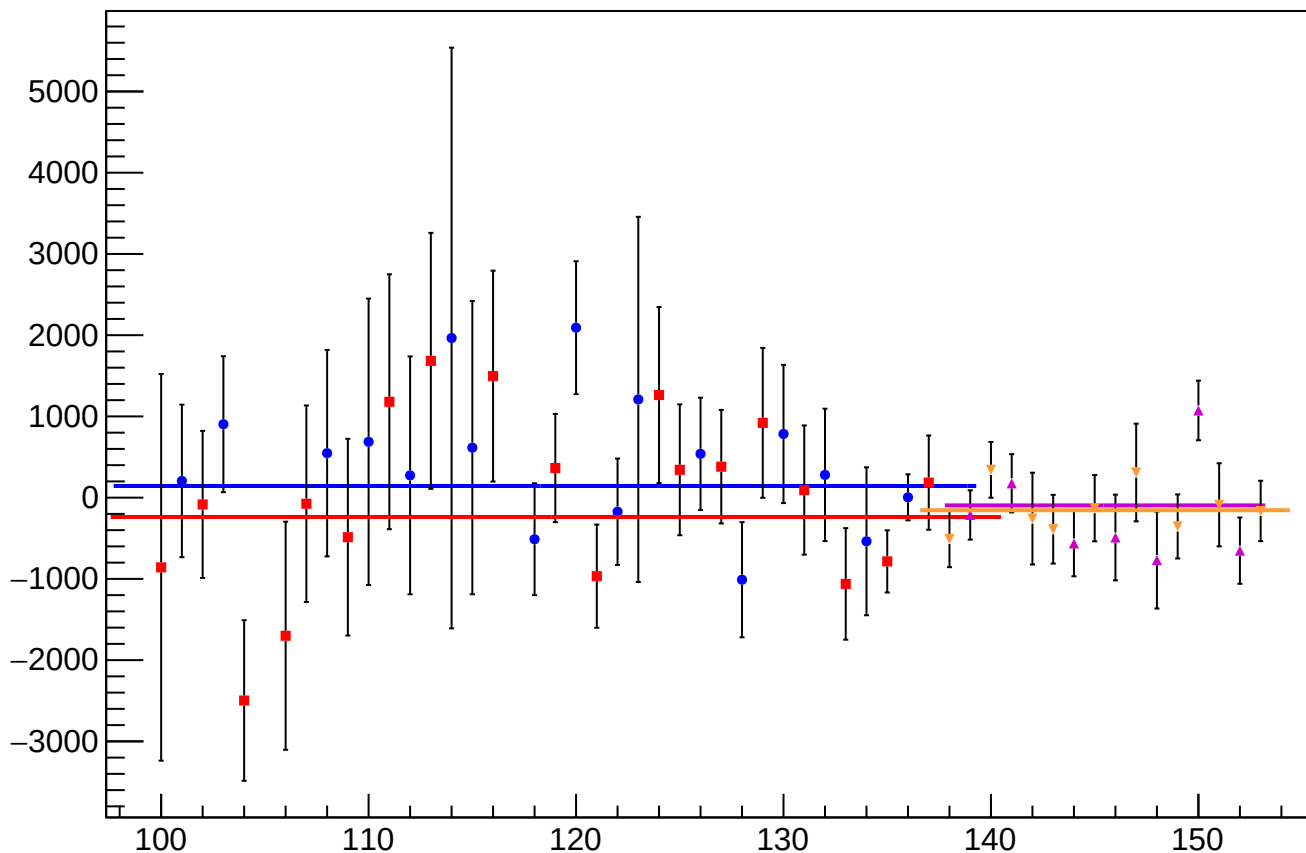
Left In: 345.581+/-0.104 χ^2/NDF : 495026.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.340+/-0.071 χ^2/NDF : 857578.6/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -154.983 ± 138.980 χ^2/NDF : 4.3/8

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

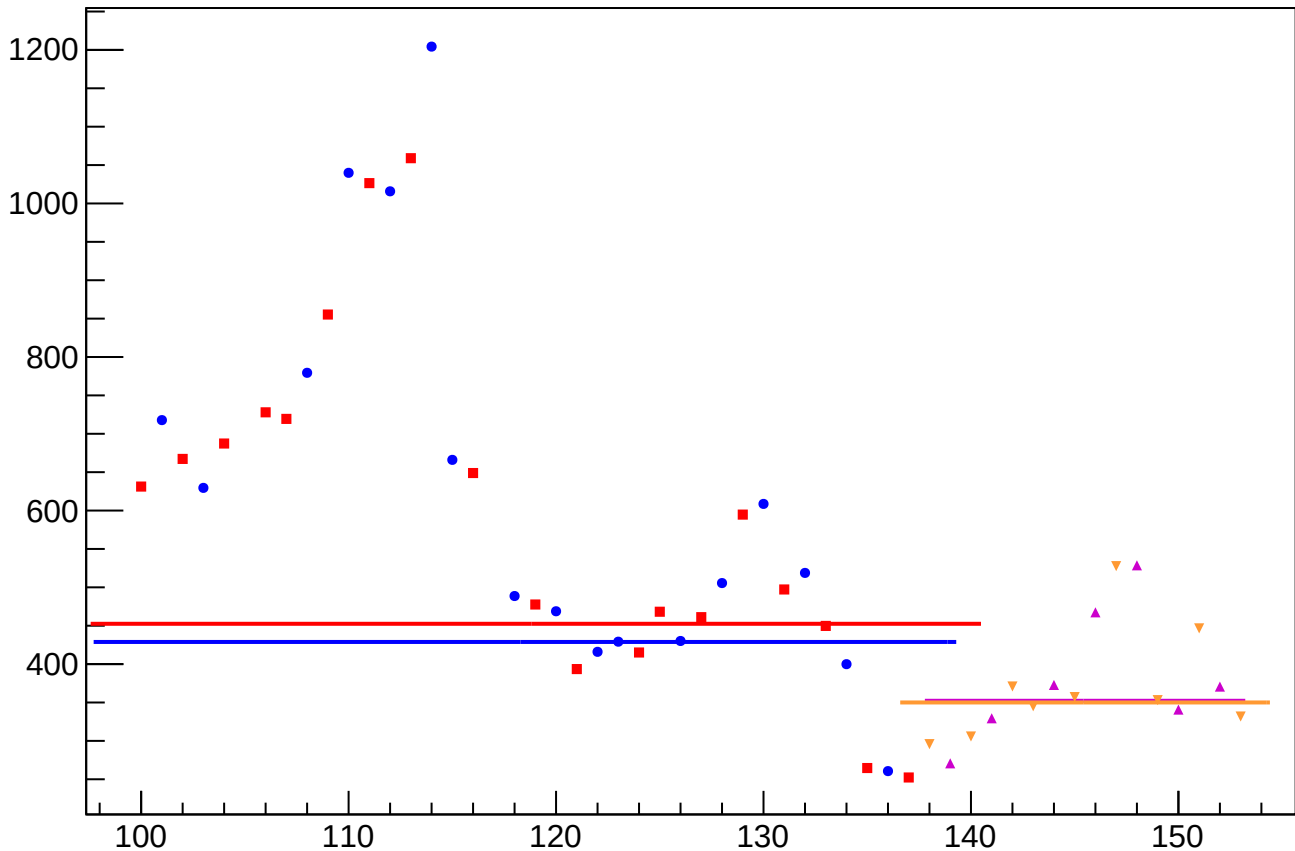
Left In: -95.354 ± 149.735 χ^2/NDF : 15.9/6

+ sign -42.912 ± 109.831 χ^2/NDF : 18.9/25

All: -94.468 ± 79.799 χ^2/NDF : 57.3/51

- sign -152.115 ± 116.138 χ^2/NDF : 38.0/25

asym_sam1_rms vs Slug



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

Left Out: 350.041 $\pm$ 0.098 χ^2 /NDF:336561.1/8

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

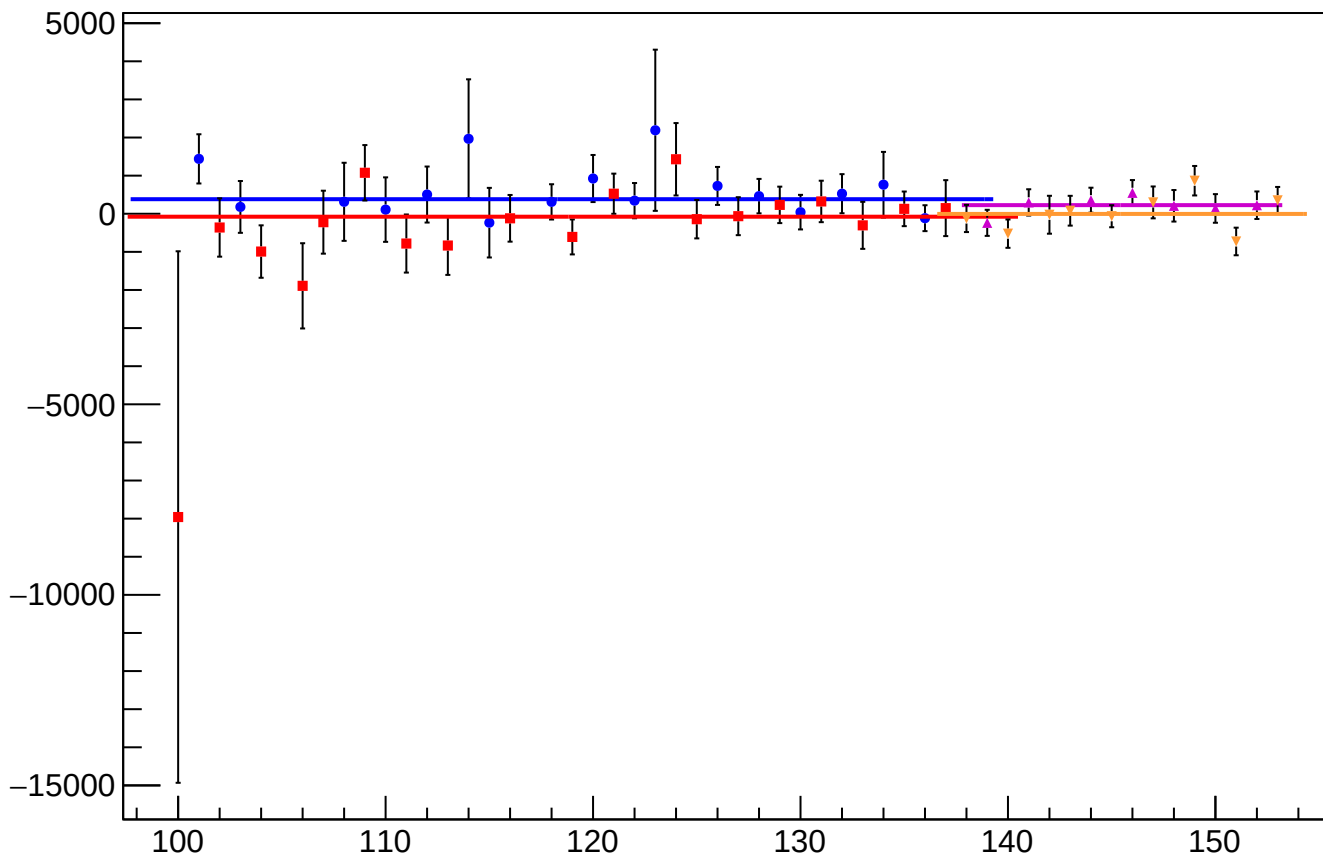
Left In: 352.227 $\pm$ 0.106 χ^2 /NDF:433747.2/6

+ sign 379.635 $\pm$ 0.078 χ^2 /NDF: 2590398.0/25

All: 385.560 $\pm$ 0.056 χ^2 /NDF: 5433175.1/51

- sign 392.184 $\pm$ 0.082 χ^2 /NDF: 2830450.4/25

dit_asym_sam2_mean vs Slug



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

Left Out: -4.658 ± 123.346 χ^2/NDF : 12.8/8

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

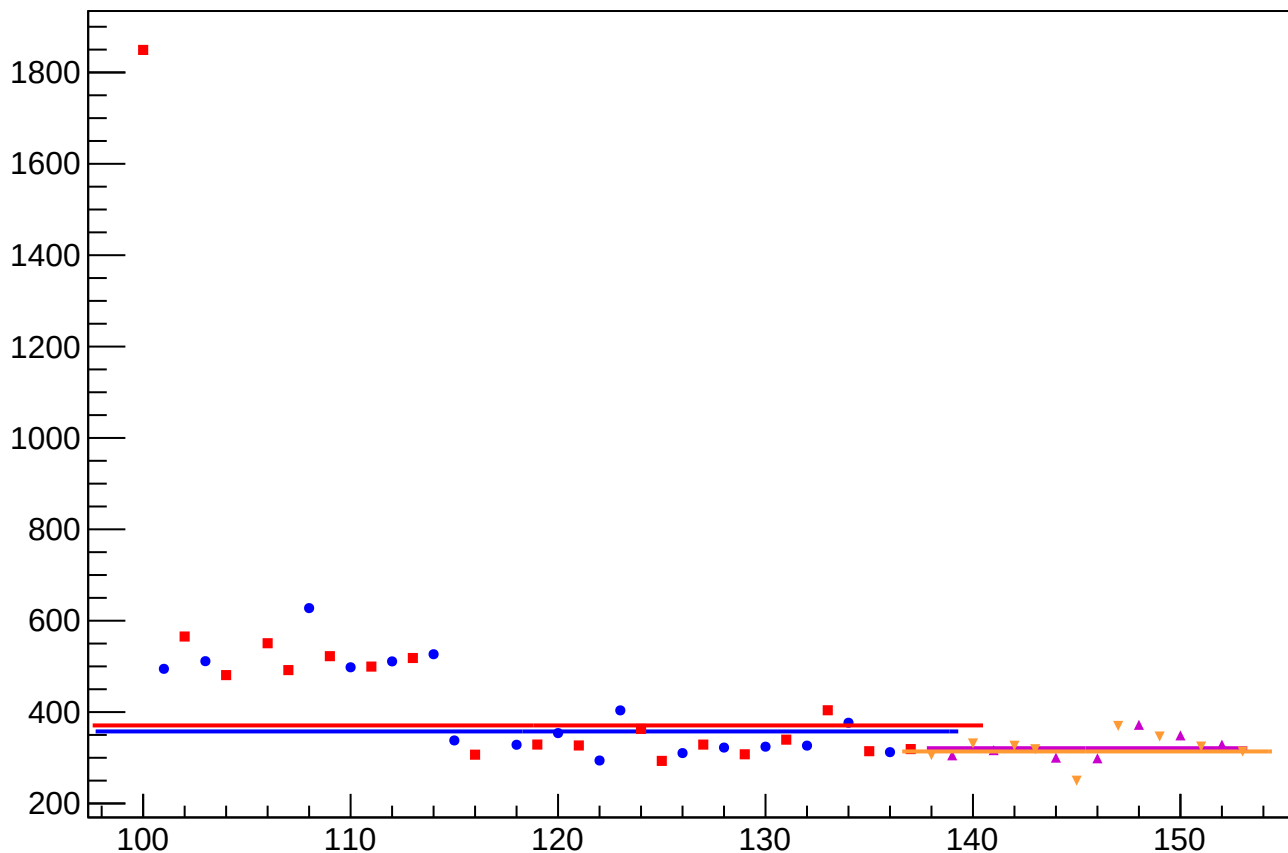
Left In: 225.990 ± 133.858 χ^2/NDF : 3.0/6

+ sign 162.658 ± 92.892 χ^2/NDF : 26.4/25

All: 125.739 ± 67.377 χ^2/NDF : 49.0/51

- sign 84.755 ± 97.873 χ^2/NDF : 22.2/25

dit_asym_sam2_rms vs Slug



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

Left Out: 313.847 $\pm$ 0.087 χ^2 /NDF: 156537.9/8

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

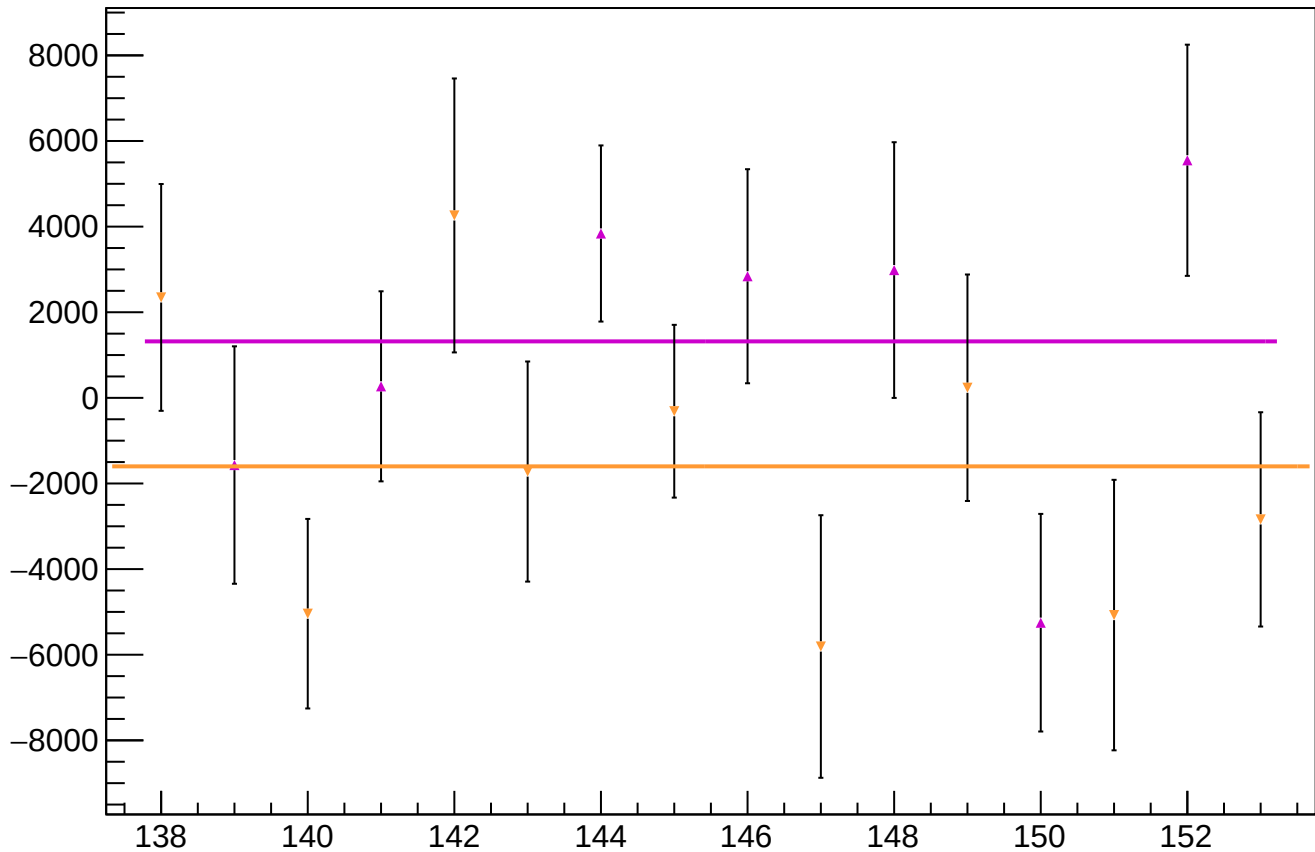
Left In: 320.959 $\pm$ 0.095 χ^2 /NDF: 63911.7/6

+ sign 332.813 $\pm$ 0.066 χ^2 /NDF: 895453.8/25

All: 338.186 $\pm$ 0.048 χ^2 /NDF: 1887281.7/51

- sign 344.152 $\pm$ 0.069 χ^2 /NDF: 977706.5/25

asym_sam2_correction_mean vs Slug



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

Left Out: -1600.240+/-860.596 χ^2/NDF :12.2/8

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

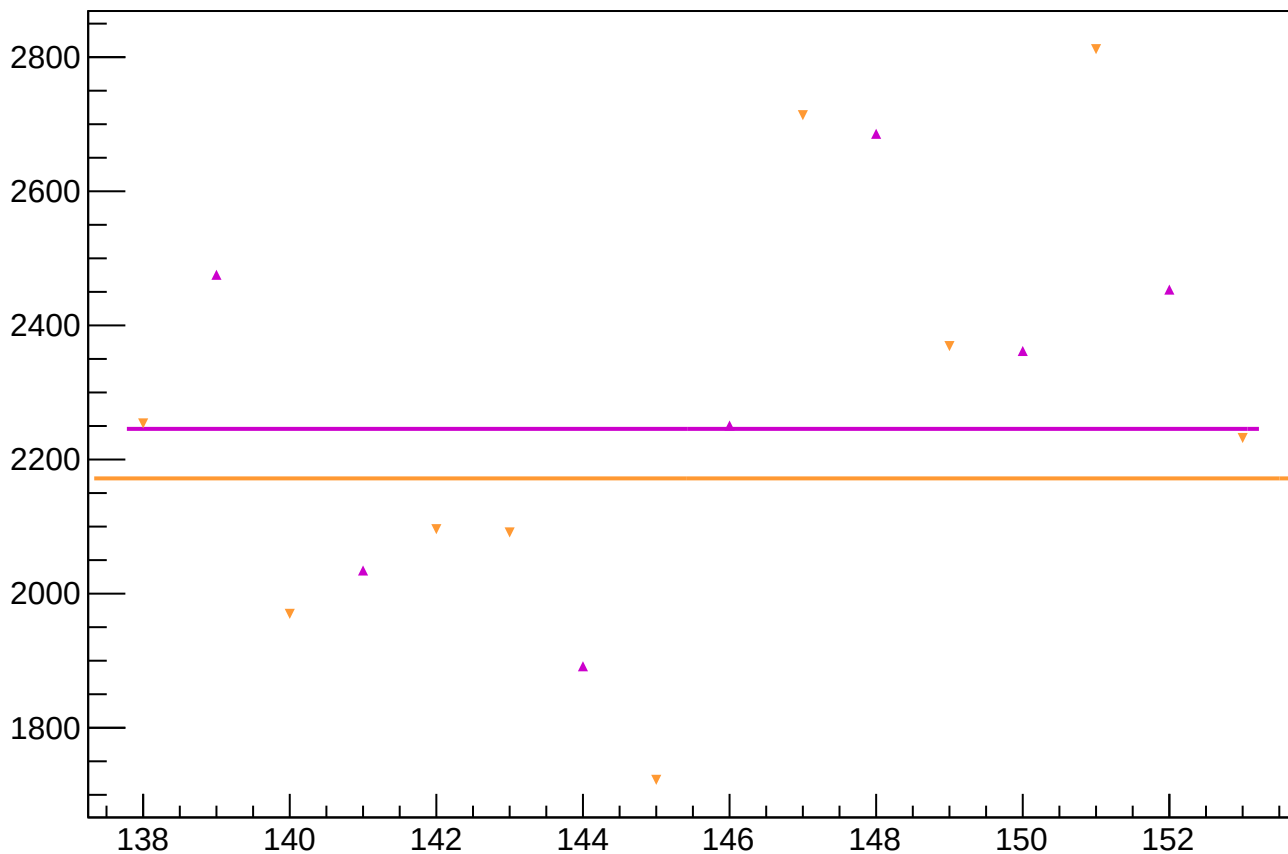
Left In: 1319.255+/-939.363 χ^2/NDF :12.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.006+/-634.556 χ^2/NDF : 30.1/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug



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

Left Out: 2171.864+/-0.609 χ^2/NDF : 277651.4/8

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

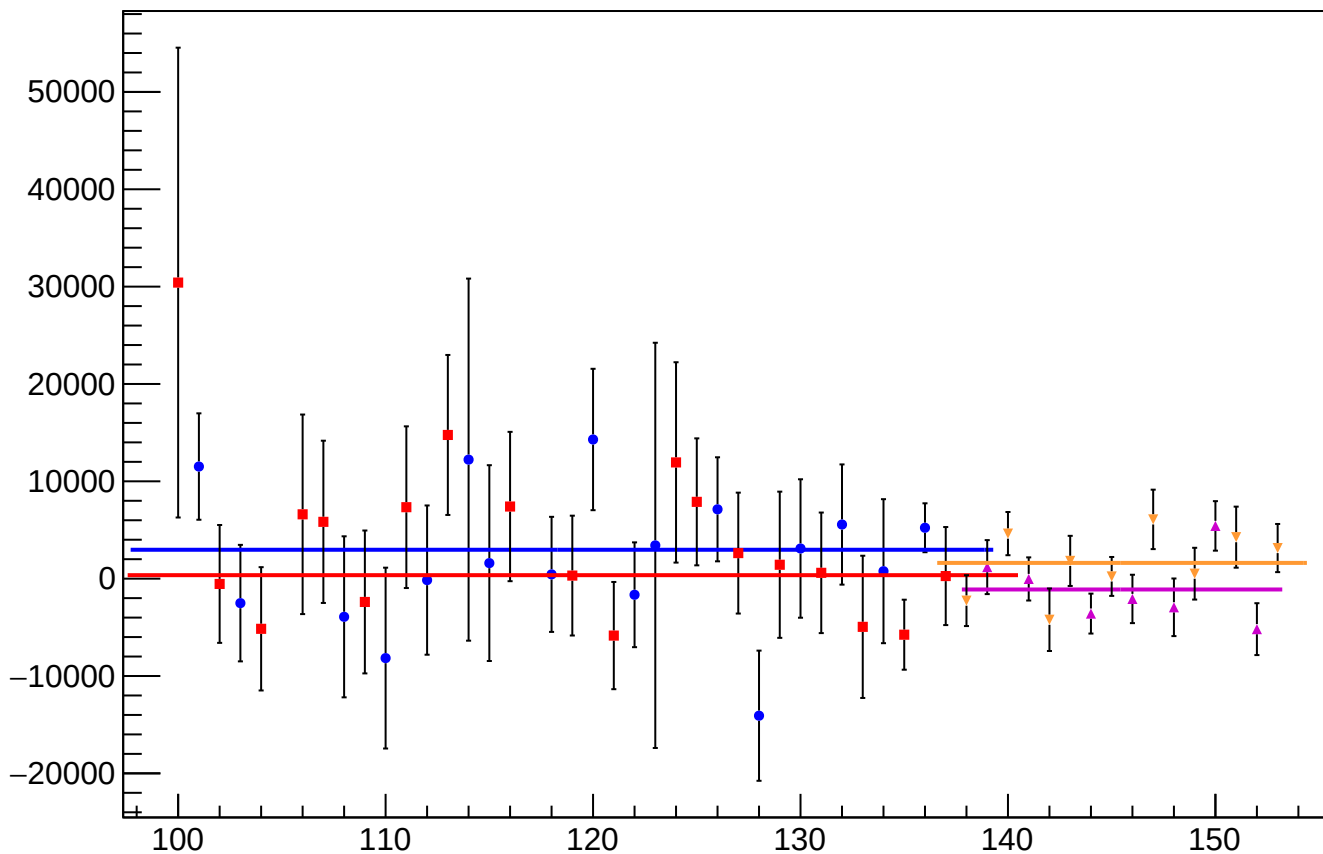
Left In: 2245.712+/-0.664 χ^2/NDF : 150484.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.562+/-0.449 χ^2/NDF : 434856.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 1619.179+/-857.039 χ^2/NDF : 11.2/8

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

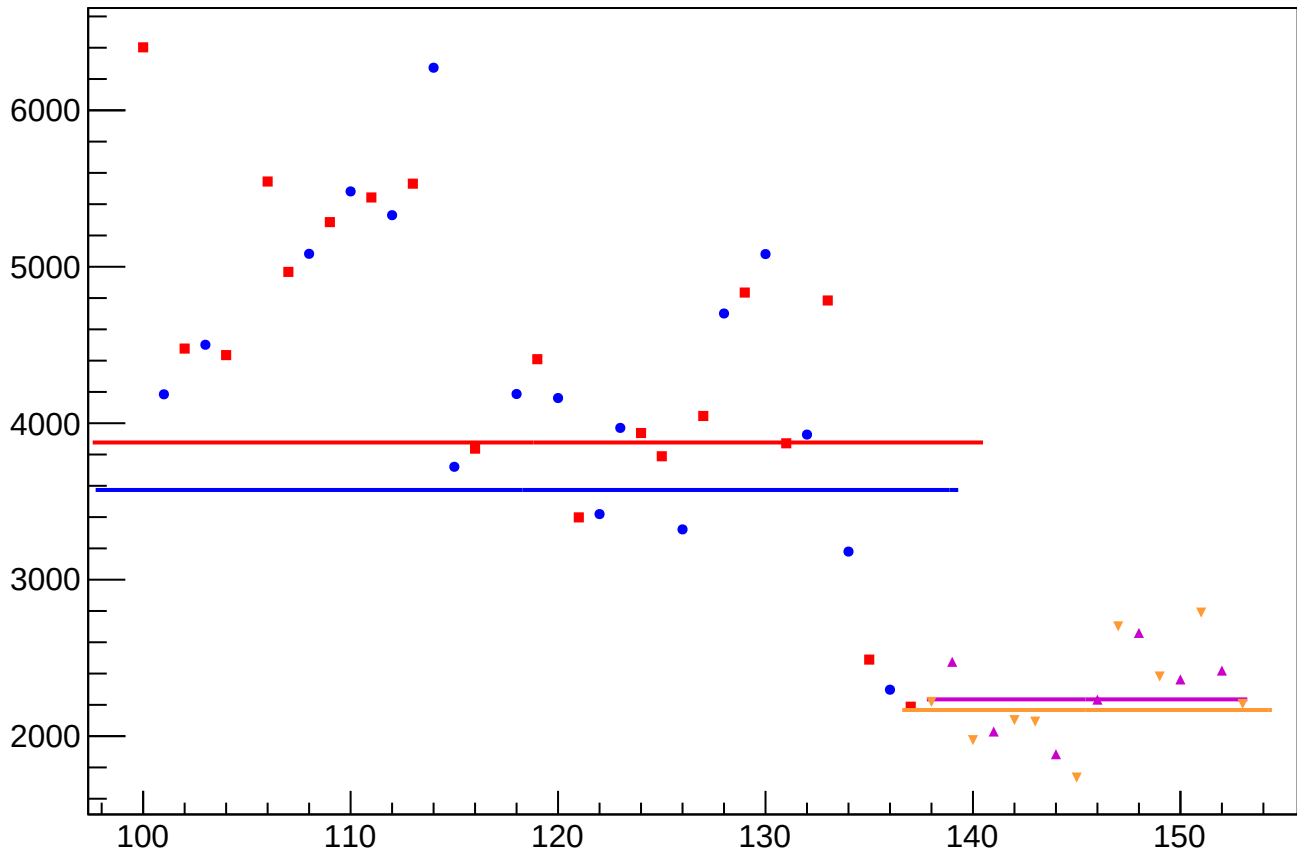
Left In: -1111.459+/-935.244 χ^2/NDF : 11.9/6

+ sign 1972.105+/-736.536 χ^2/NDF : 29.3/25

All: 736.093+/-540.191 χ^2/NDF : 63.3/51

- sign -702.705+/-794.663 χ^2/NDF : 27.9/25

asym_sam2_rms vs Slug



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

Left Out: 2167.093 $\pm$ 0.606 χ^2 /NDF: 265311.2/8

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

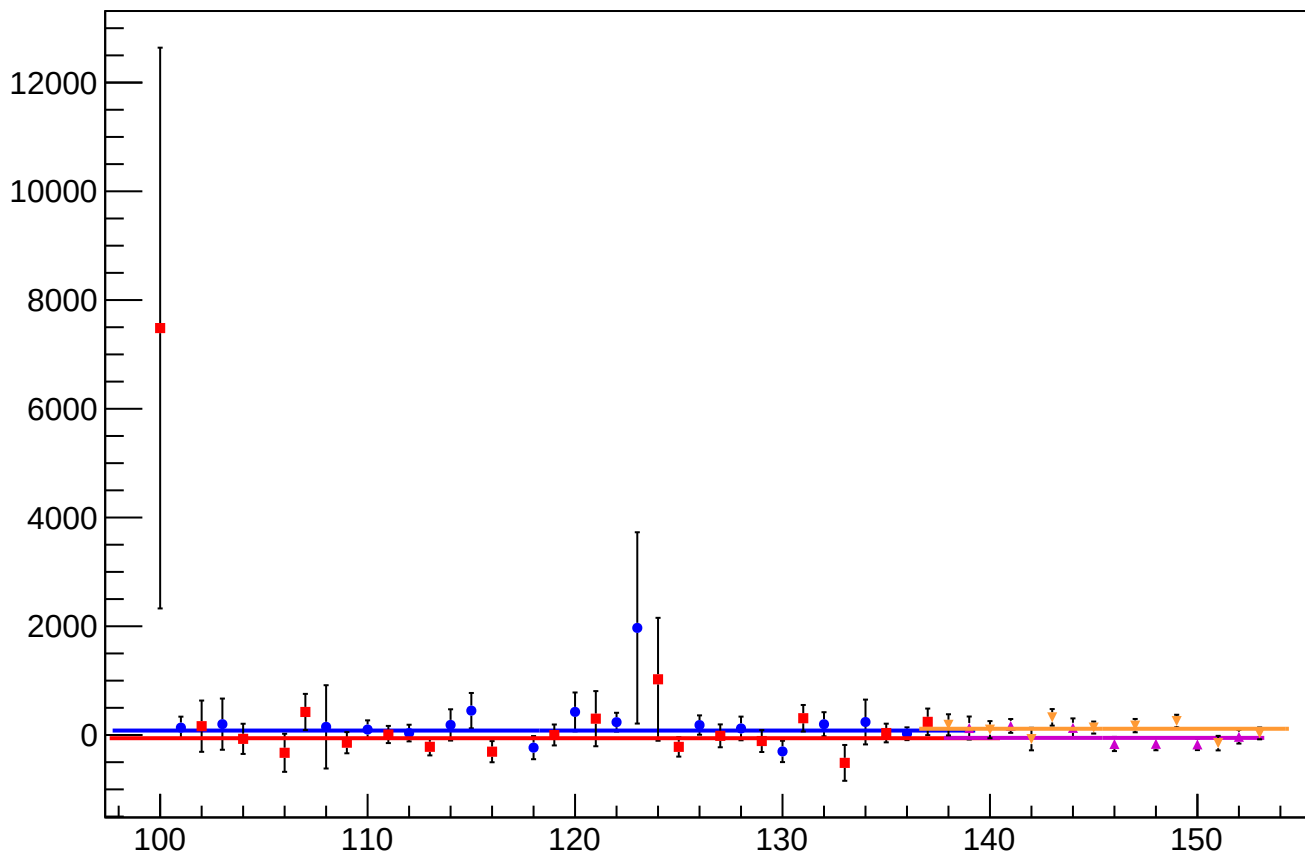
Left In: 2235.002 $\pm$ 0.661 χ^2 /NDF: 146412.5/6

+ sign 2534.773 $\pm$ 0.521 χ^2 /NDF: 2762036.6/25

All: 2607.202 $\pm$ 0.382 χ^2 /NDF: 5652596.2/51

- sign 2691.514 $\pm$ 0.562 χ^2 /NDF: 2848705.7/25

dit_asym_sam3_mean vs Slug



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

Left Out: 114.849+/-44.920 χ^2/NDF : 9.1/8

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

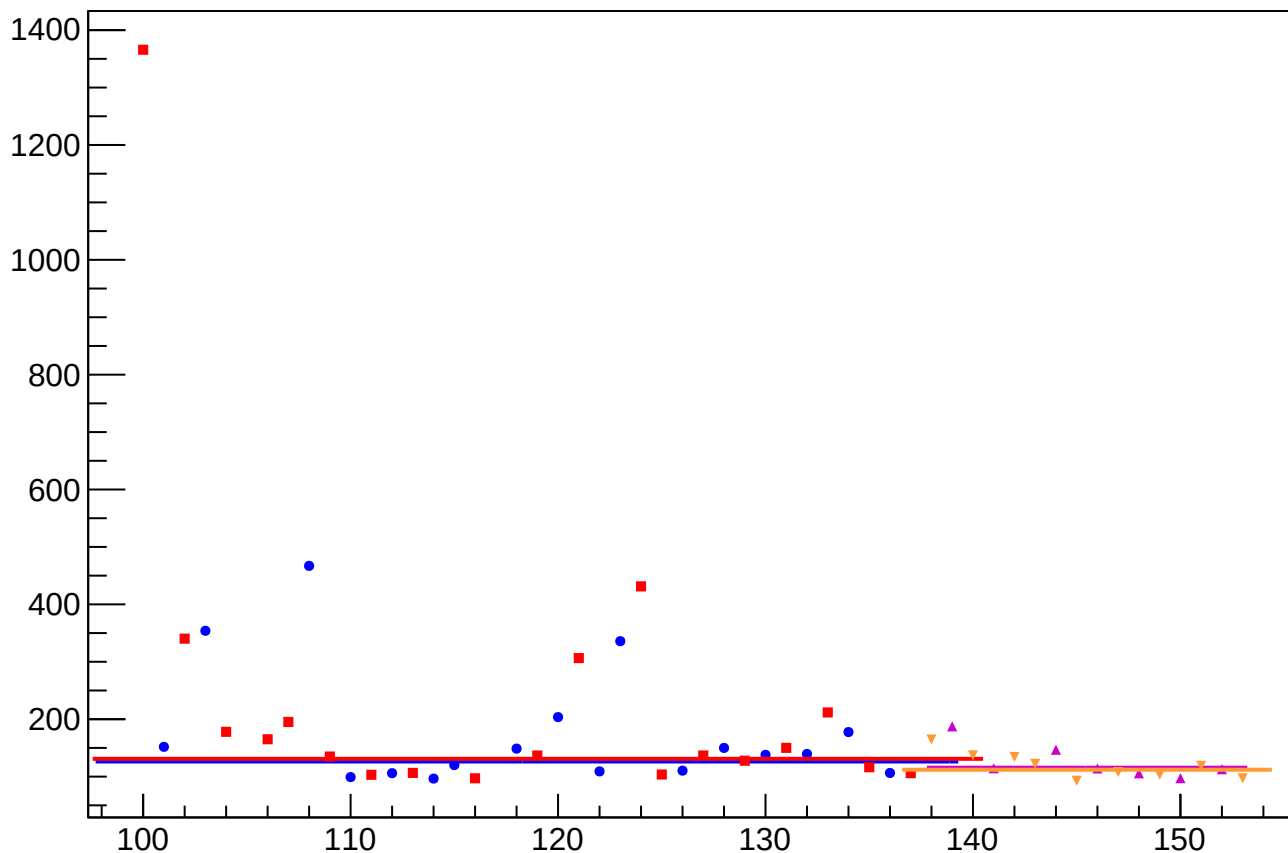
Left In: -53.095+/-49.878 χ^2/NDF : 7.8/6

+ sign 100.719+/-33.967 χ^2/NDF : 20.9/25

All: 27.783+/-24.826 χ^2/NDF : 55.0/51

- sign -55.863+/-36.376 χ^2/NDF : 24.2/25

dit_asym_sam3_rms vs Slug



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

Left Out: 112.030 $\pm$ 0.032 χ^2 /NDF: 344210.6/8

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

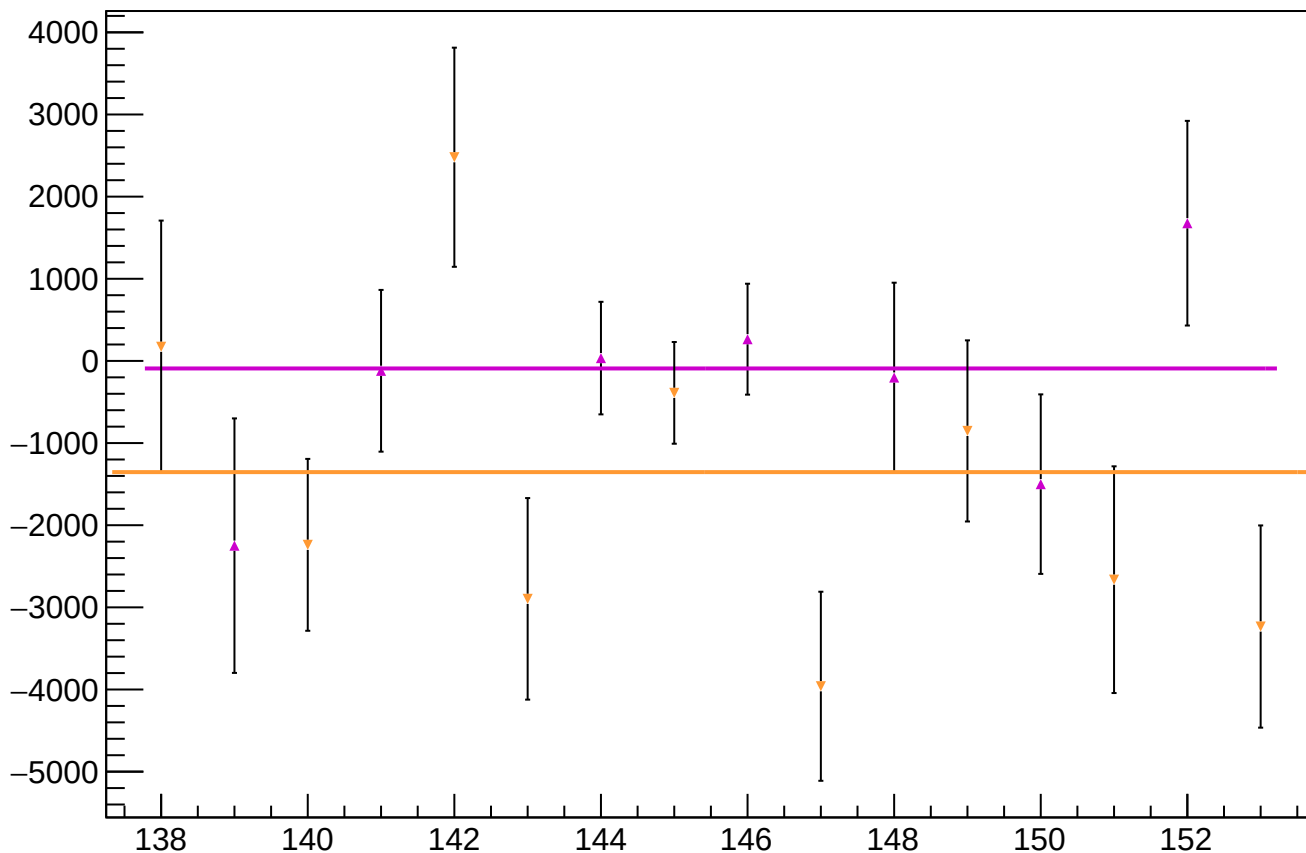
Left In: 115.548 $\pm$ 0.035 χ^2 /NDF: 371858.3/6

+ sign 118.157 $\pm$ 0.024 χ^2 /NDF: 1741700.4/25

All: 120.313 $\pm$ 0.018 χ^2 /NDF: 3650047.4/51

- sign 122.785 $\pm$ 0.026 χ^2 /NDF: 1891056.4/25

asym_sam3_correction_mean vs Slug



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

Left Out: -1353.626+/-354.985 χ^2/NDF :22.5/8

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

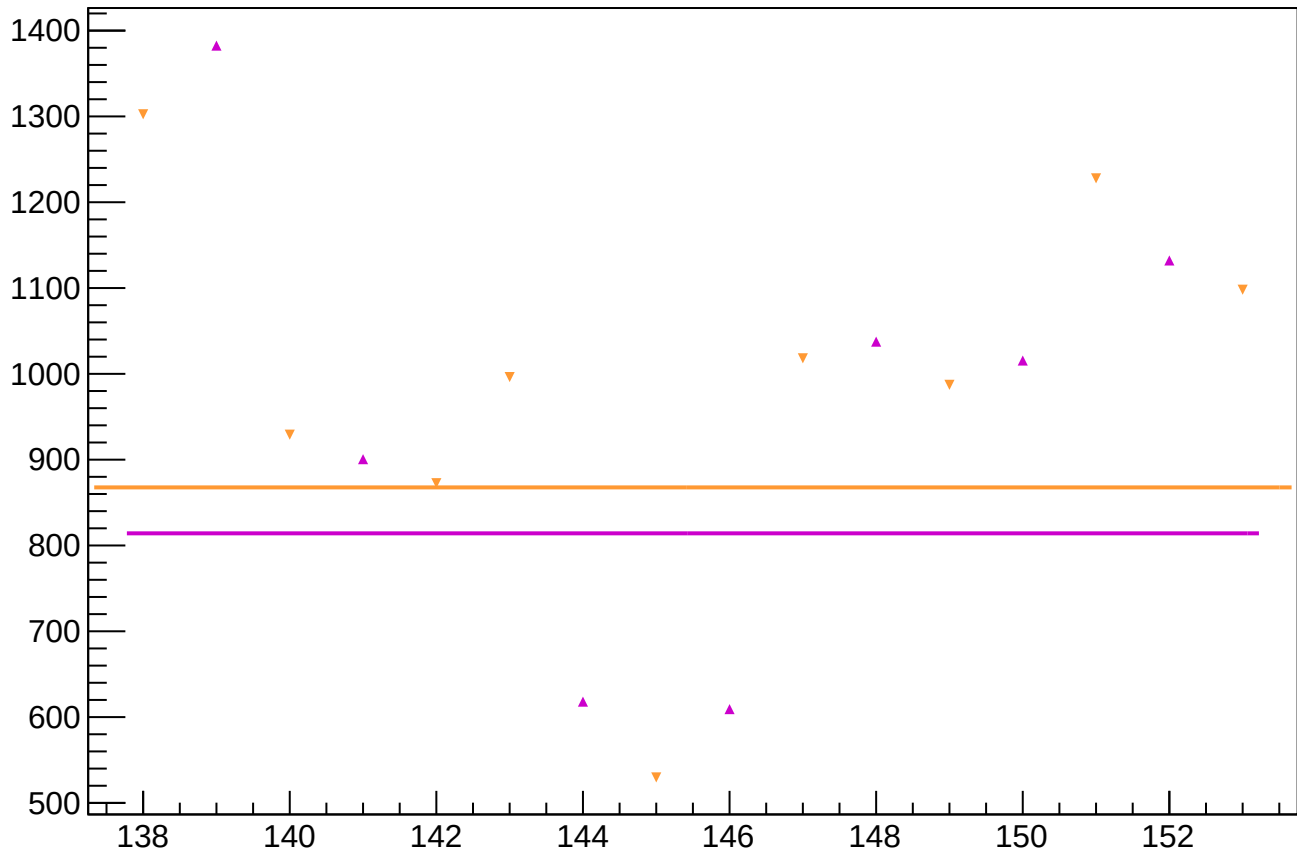
Left In: -91.806+/-353.443 χ^2/NDF :5.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -719.969+/-250.466 χ^2/NDF : 34.8/15

- 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: 867.677+/-0.251 χ^2/NDF :1049164.4/8

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

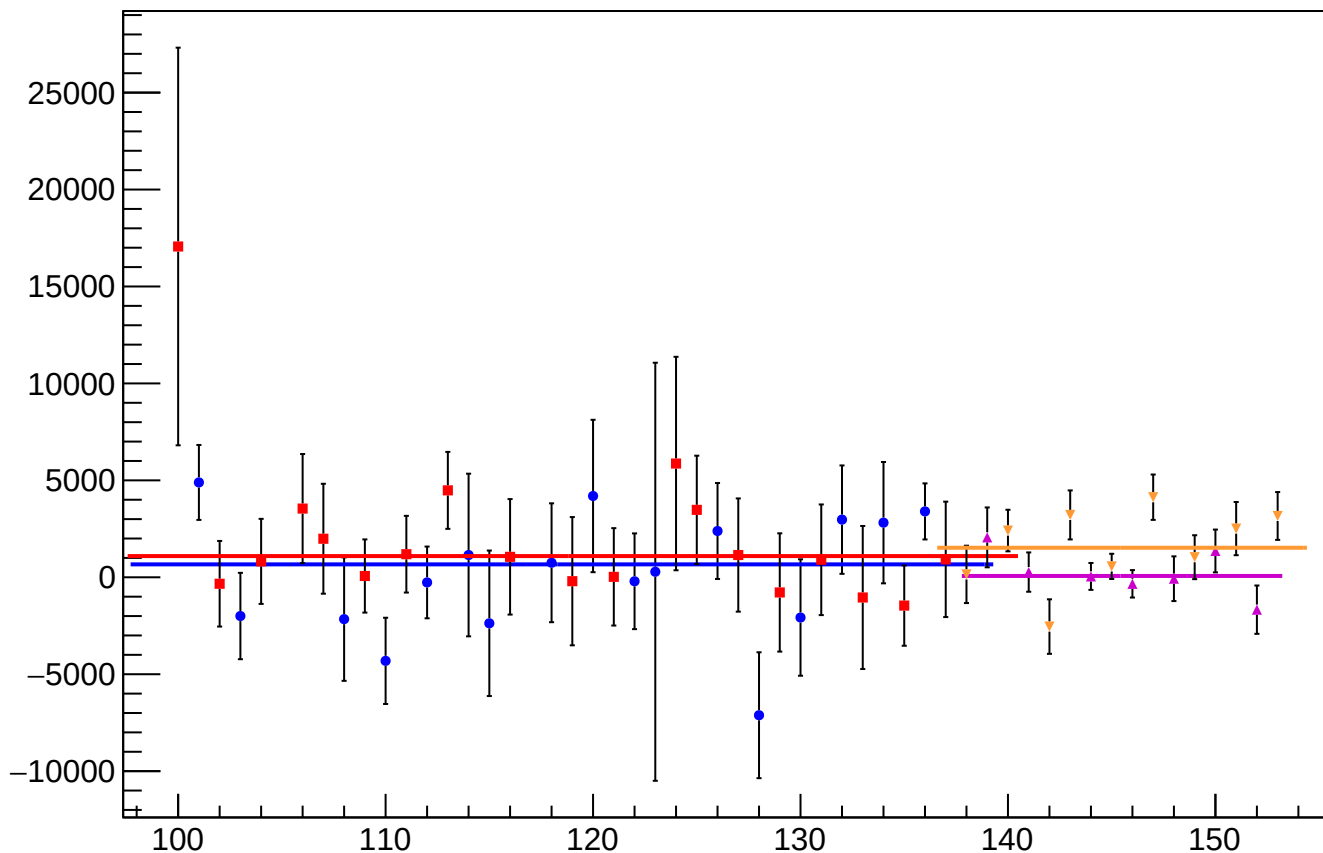
Left In: 814.148+/-0.250 χ^2/NDF :905776.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 840.796+/-0.177 χ^2/NDF : 1977777.5/15

- 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: 1523.780 ± 364.597 χ^2/NDF : 21.3/8

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

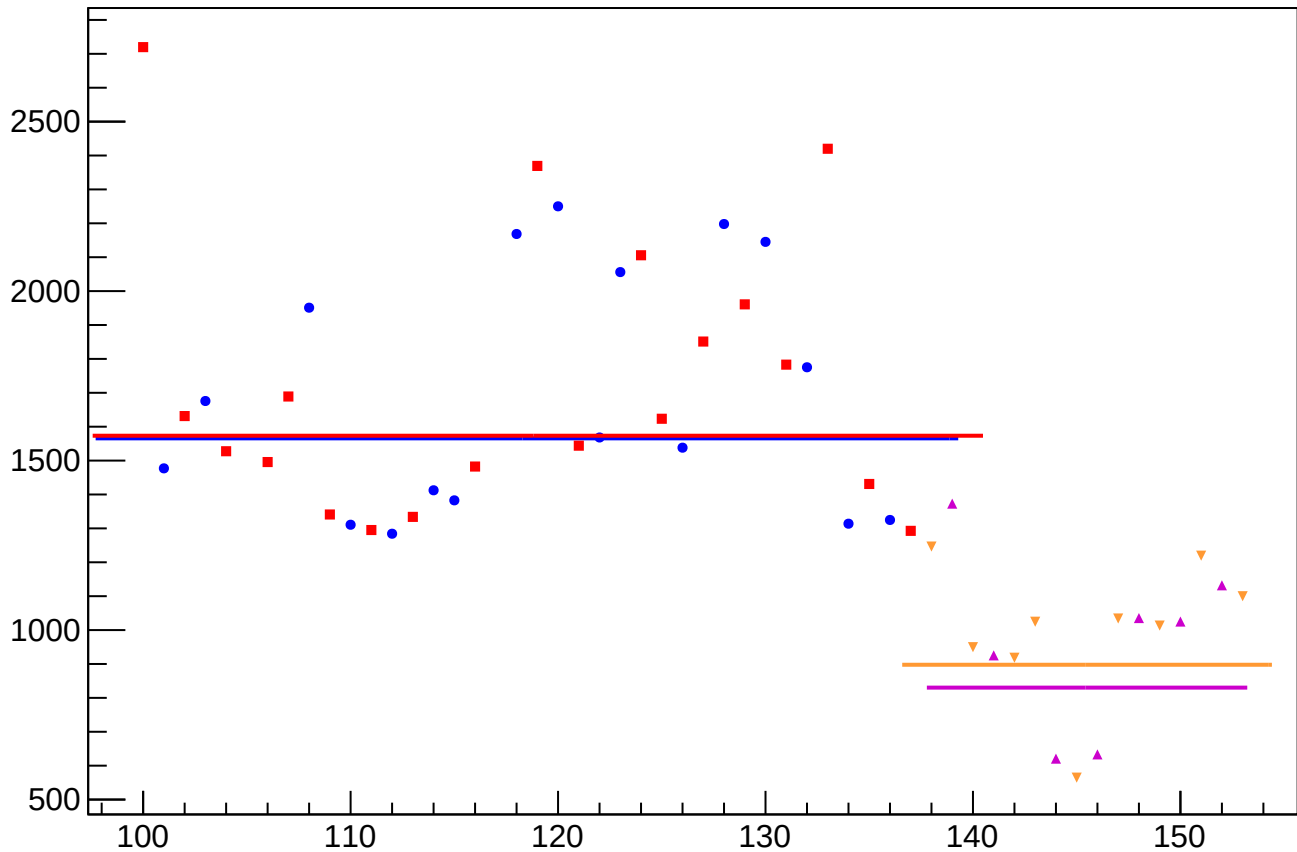
Left In: 68.779 ± 360.751 χ^2/NDF : 5.4/6

+ sign 1302.871 ± 314.131 χ^2/NDF : 48.4/25

All: 813.984 ± 220.479 χ^2/NDF : 71.6/51

- sign 339.315 ± 309.530 χ^2/NDF : 18.5/25

asym_sam3_rms vs Slug



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

Left Out: 897.692+/-0.258 χ^2/NDF : 872886.4/8

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

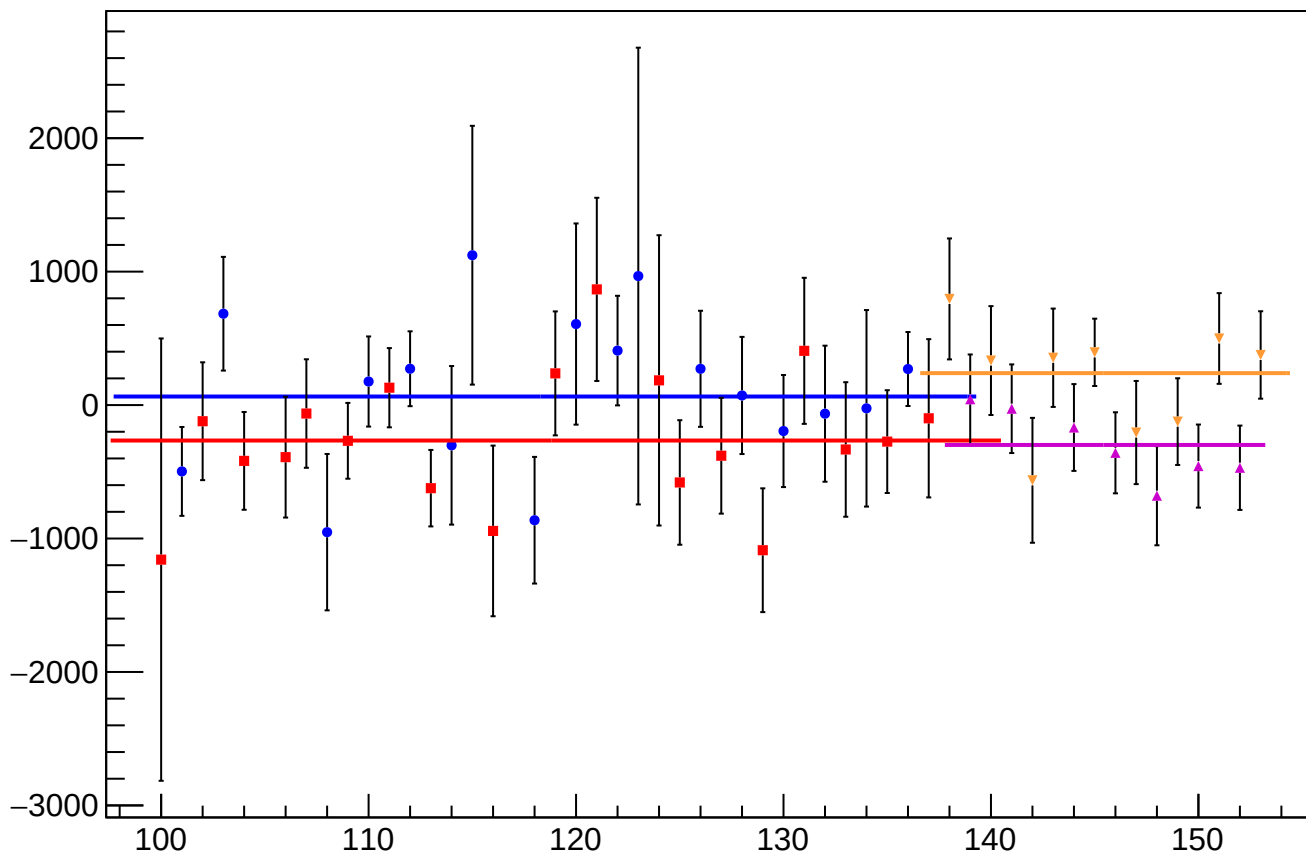
Left In: 830.228+/-0.255 χ^2/NDF : 845168.5/6

+ sign 1069.799+/-0.222 χ^2/NDF : 3093226.6/25

All: 1047.716+/-0.156 χ^2/NDF : 6658865.6/51

- sign 1026.274+/-0.219 χ^2/NDF : 3546158.2/25

dit_asym_sam4_mean vs Slug



Right In: 64.087 ± 105.336 χ^2/NDF : 16.8/16

Left Out: 239.321 ± 117.303 χ^2/NDF : 8.3/8

Right Out: -265.661 ± 99.379 χ^2/NDF : 14.7/18

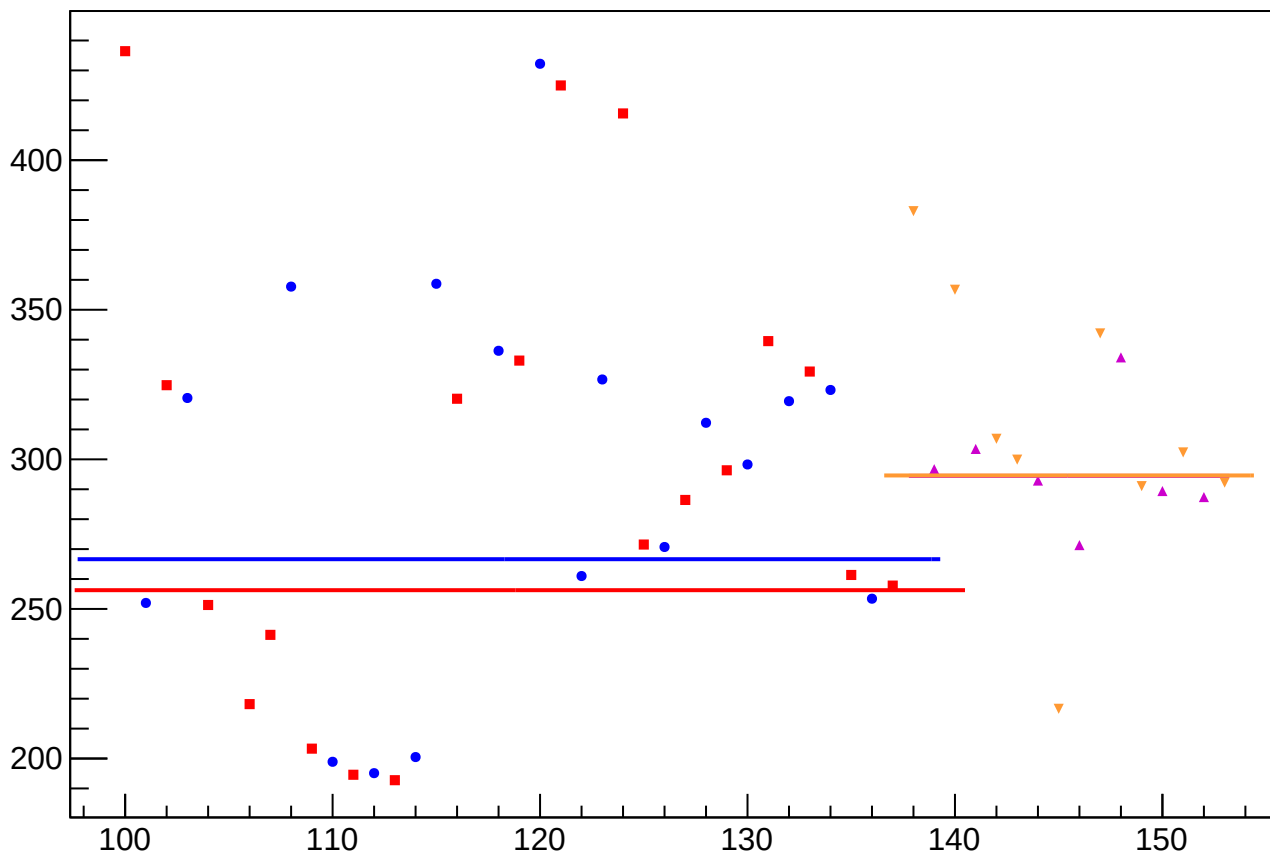
Left In: -298.859 ± 123.257 χ^2/NDF : 3.5/6

+ sign 142.313 ± 78.374 χ^2/NDF : 26.3/25

All: -70.943 ± 55.059 χ^2/NDF : 59.2/51

- sign -278.740 ± 77.365 χ^2/NDF : 18.2/25

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 294.616 $\pm$ 0.083 χ^2 /NDF: 346883.3/8

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

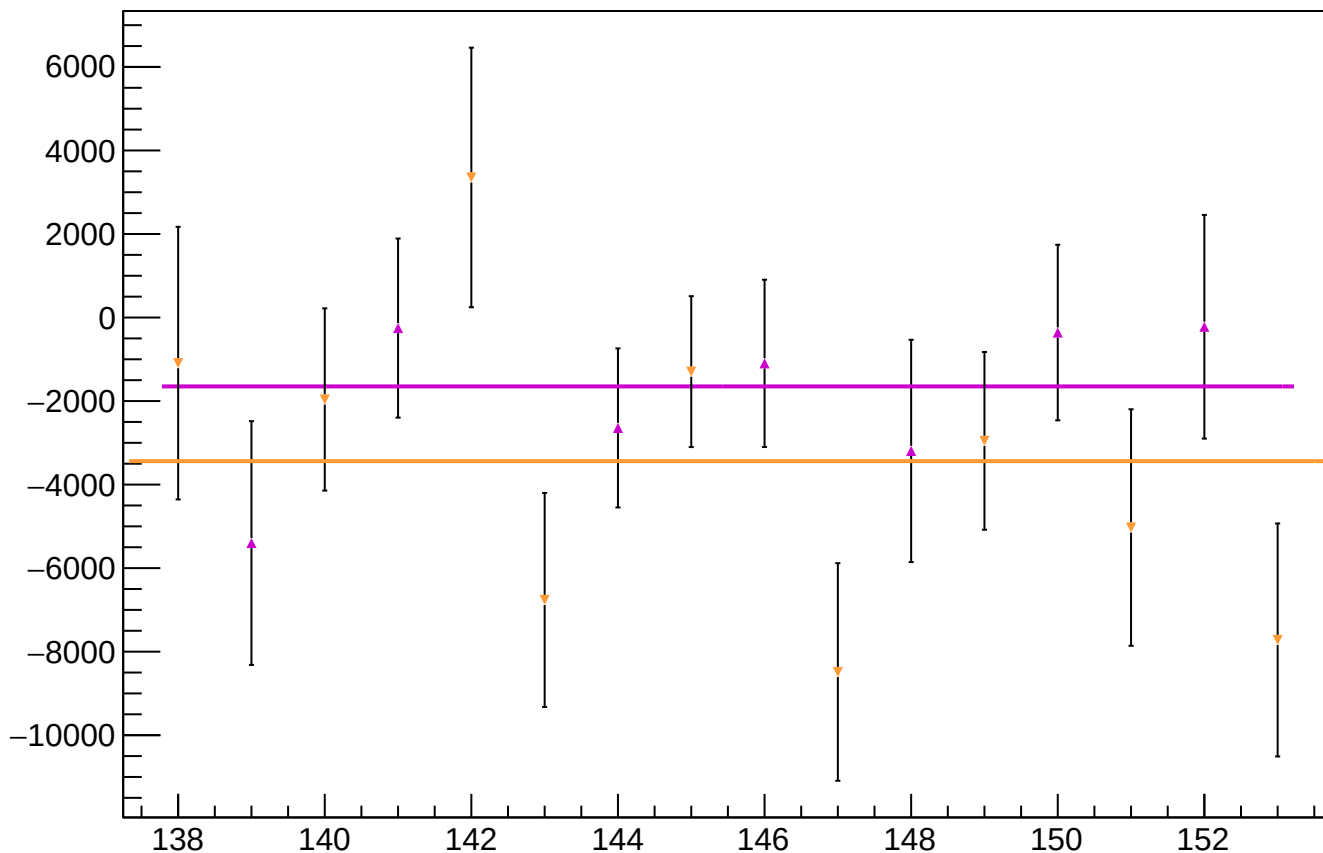
Left In: 294.469 $\pm$ 0.087 χ^2 /NDF: 37478.6/6

+ sign 279.120 $\pm$ 0.055 χ^2 /NDF: 960683.1/25

All: 275.169 $\pm$ 0.039 χ^2 /NDF: 1821519.2/51

- sign 271.318 $\pm$ 0.055 χ^2 /NDF: 850798.0/25

asym_sam4_correction_mean vs Slug



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

Left Out: -3438.557+/-819.885 χ^2/NDF :15.3/8

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

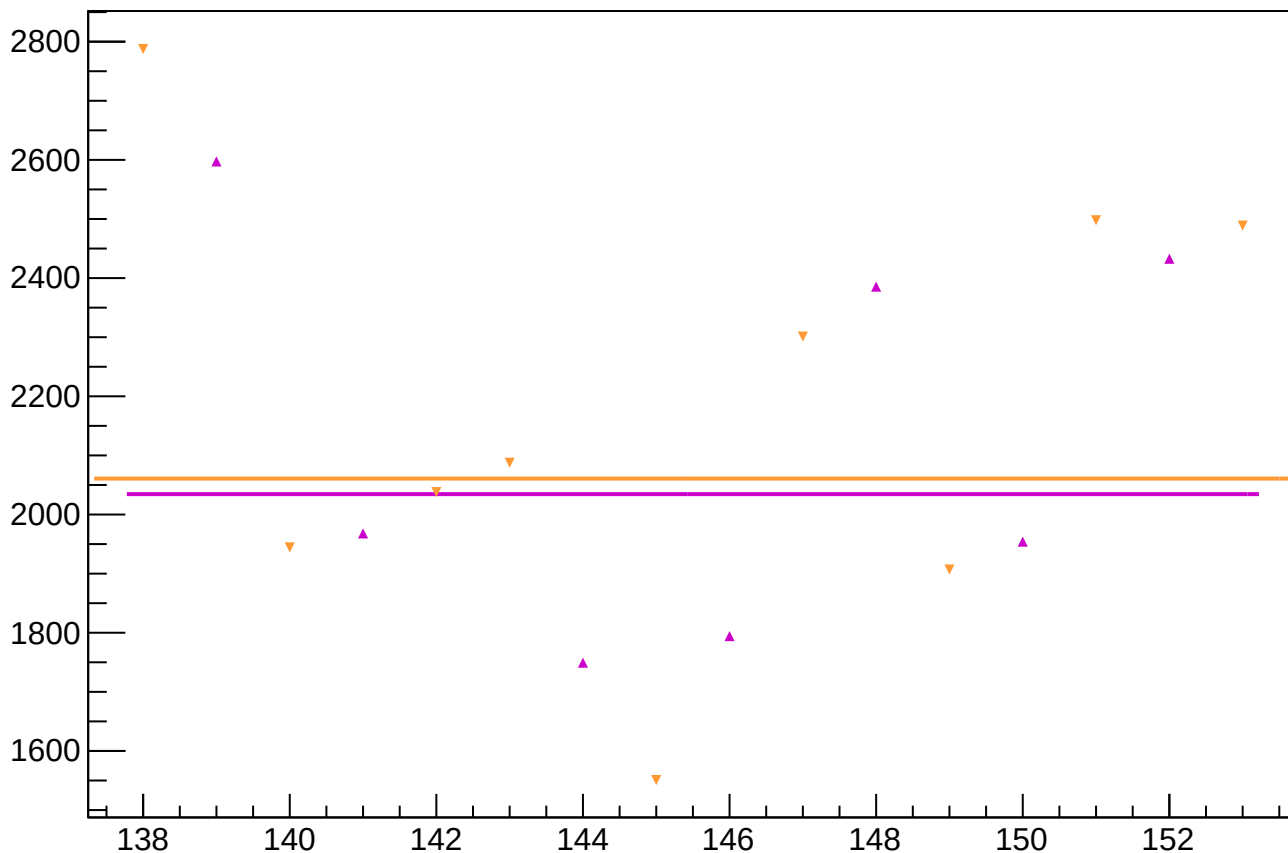
Left In: -1649.403+/-855.305 χ^2/NDF :3.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2581.792+/-591.872 χ^2/NDF : 21.0/15

- 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: 2060.878+/-0.580 χ^2/NDF : 386830.7/8

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

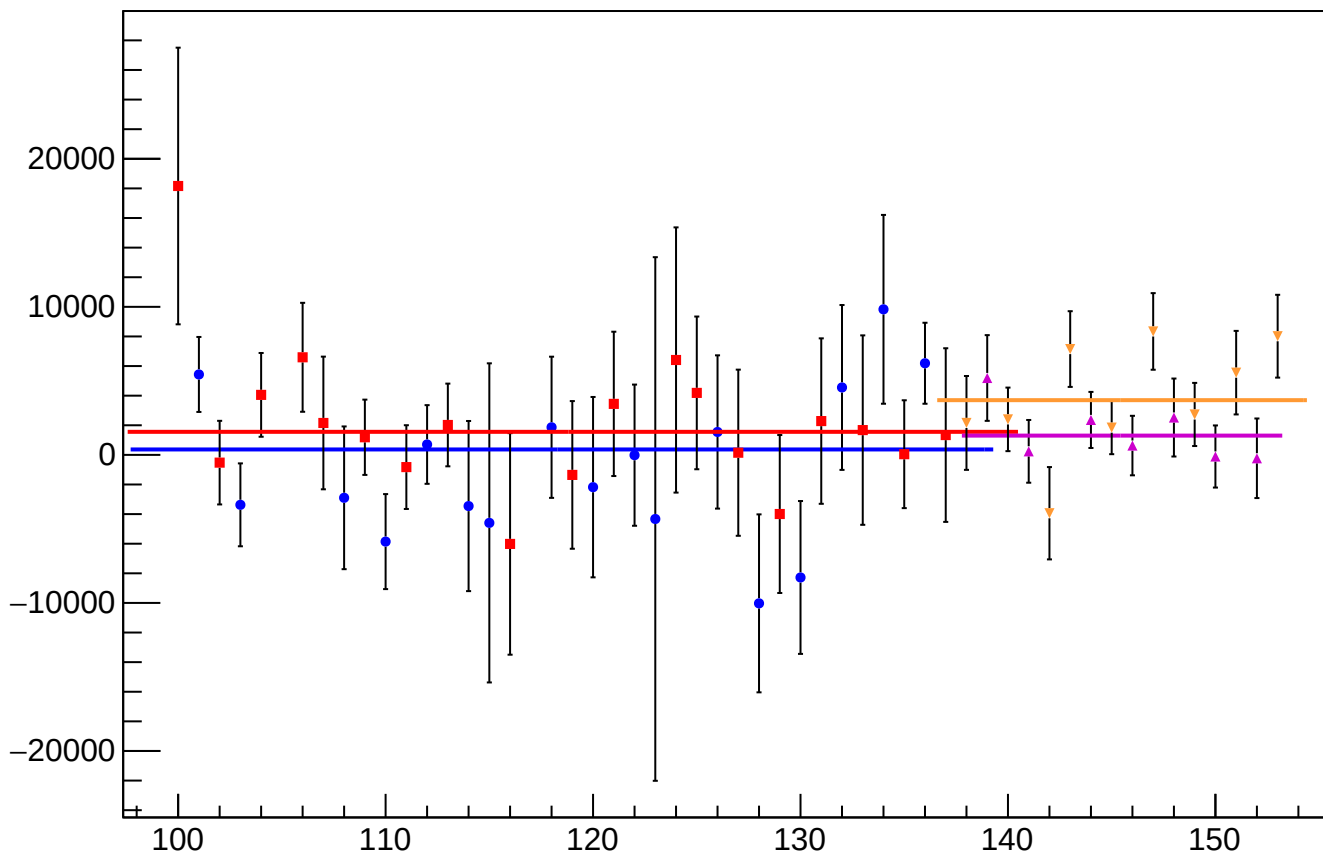
Left In: 2034.514+/-0.605 χ^2/NDF : 231901.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2048.254+/-0.419 χ^2/NDF : 619722.6/15

- 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: 3696.004+/-815.033 χ^2/NDF :15.7/8

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

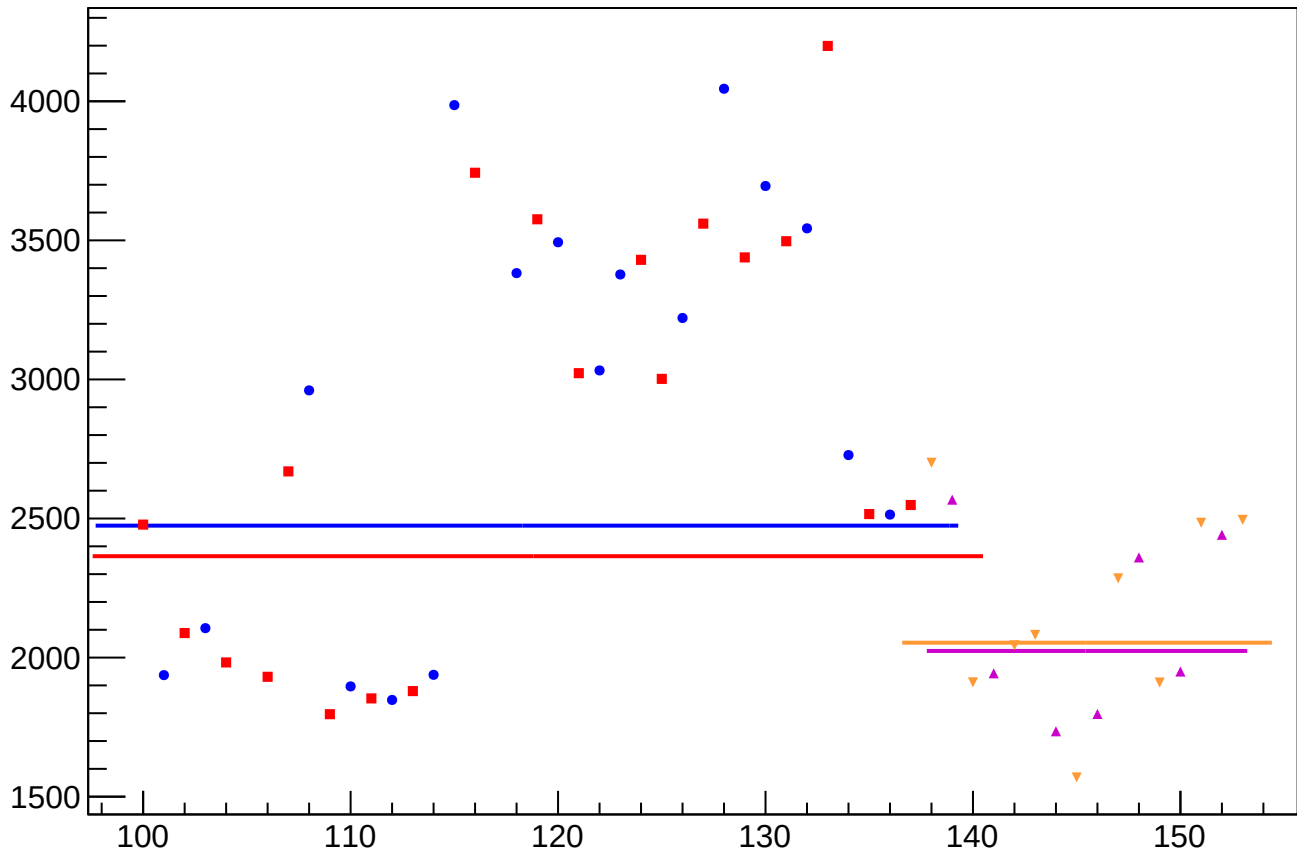
Left In: 1302.056+/-851.818 χ^2/NDF :3.5/6

+ sign 2354.977+/-629.866 χ^2/NDF : 46.6/25

All: 1884.508+/-444.114 χ^2/NDF : 61.8/51

- sign 1419.361+/-626.293 χ^2/NDF : 14.0/25

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2053.568+/-0.576 χ^2/NDF : 359574.3/8

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

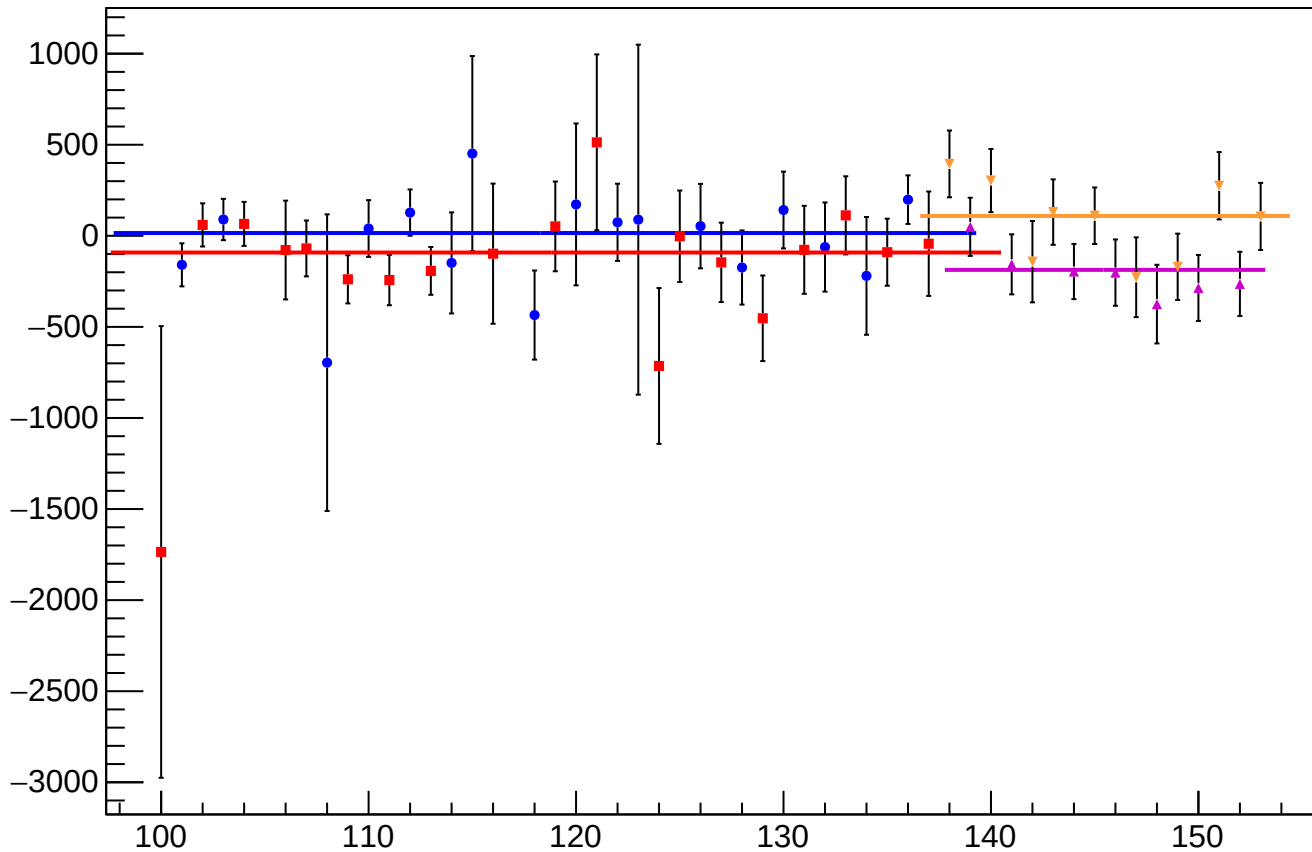
Left In: 2023.850+/-0.602 χ^2/NDF : 228778.5/6

+ sign 2223.060+/-0.445 χ^2/NDF : 1480583.0/25

All: 2201.586+/-0.314 χ^2/NDF : 2884340.7/51

- sign 2180.354+/-0.443 χ^2/NDF : 1399134.6/25

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 109.031+/-61.408 χ^2/NDF : 10.5/8

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

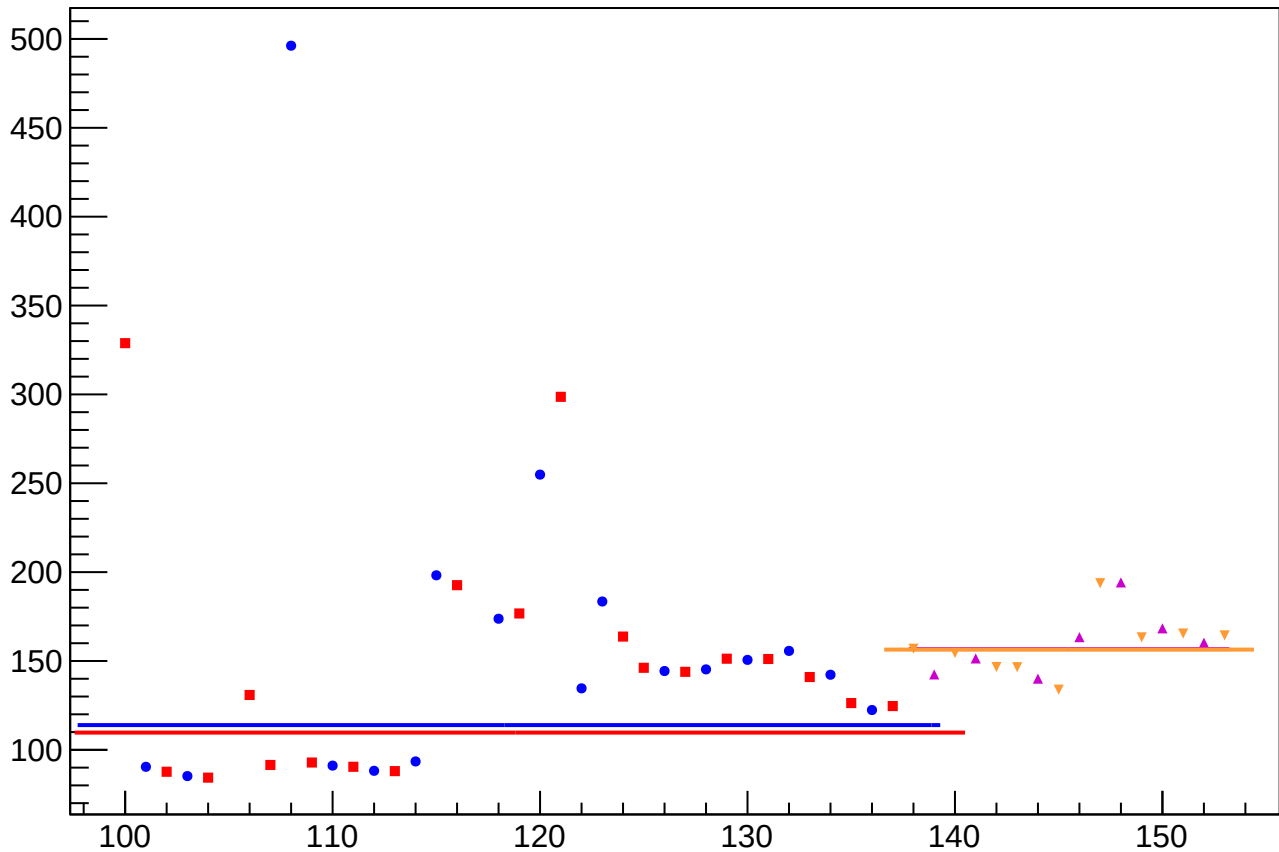
Left In: -186.923+/-65.381 χ^2/NDF : 3.5/6

+ sign 49.408+/-37.042 χ^2/NDF : 24.5/25

All: -37.812+/-25.857 χ^2/NDF : 55.9/51

- sign -120.703+/-36.111 χ^2/NDF : 20.6/25

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF : 1407849.3/16

Left Out: 156.410+/-0.043 χ^2/NDF : 121963.2/8

Right Out: 109.709+/-0.031 χ^2/NDF : 1242014.6/18

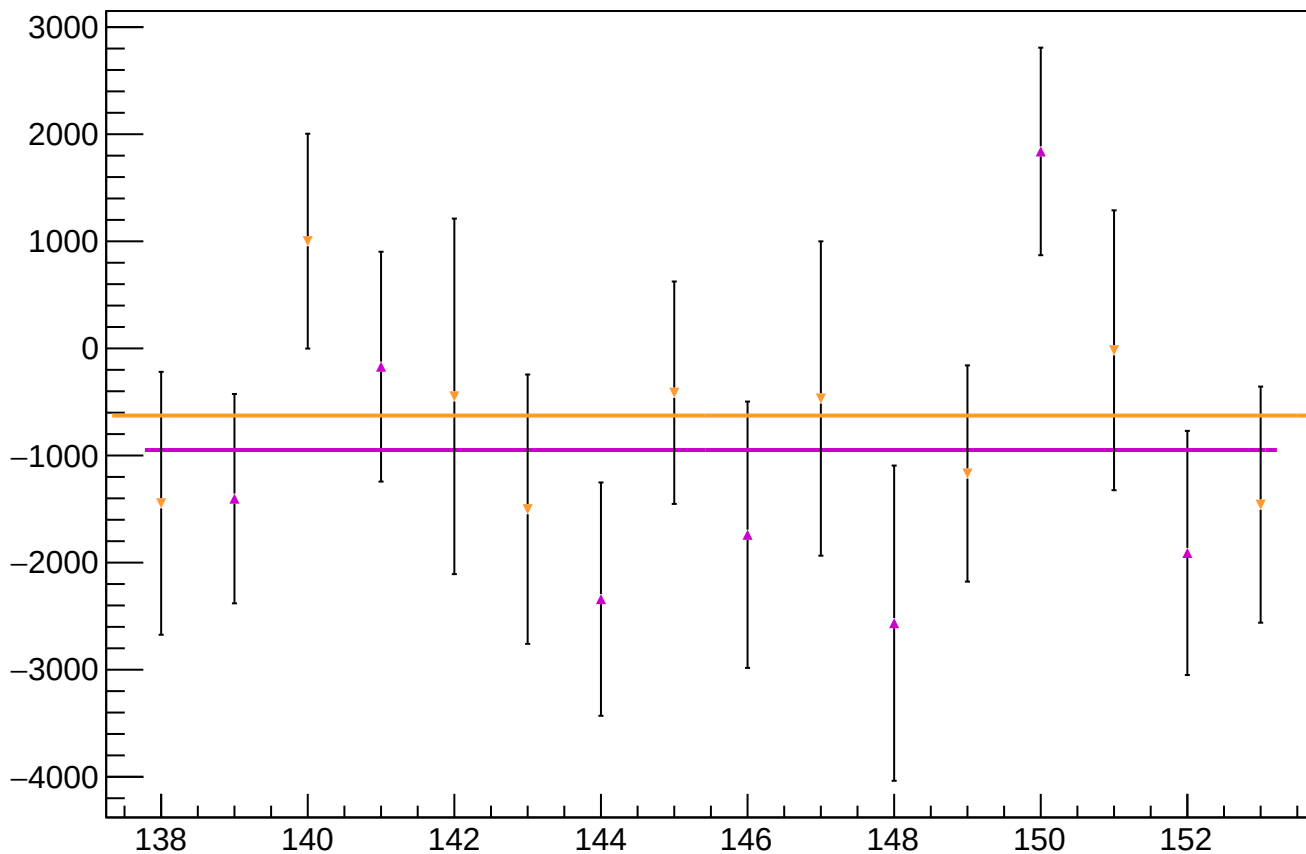
Left In: 156.703+/-0.046 χ^2/NDF : 114332.0/6

+ sign 129.388+/-0.026 χ^2/NDF : 2138602.0/25

All: 126.649+/-0.018 χ^2/NDF : 4234339.0/51

- sign 124.045+/-0.026 χ^2/NDF : 2074402.9/25

asym_sam5_correction_mean vs Slug



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

Left Out: -626.779+/-394.223 χ^2/NDF : 4.7/8

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

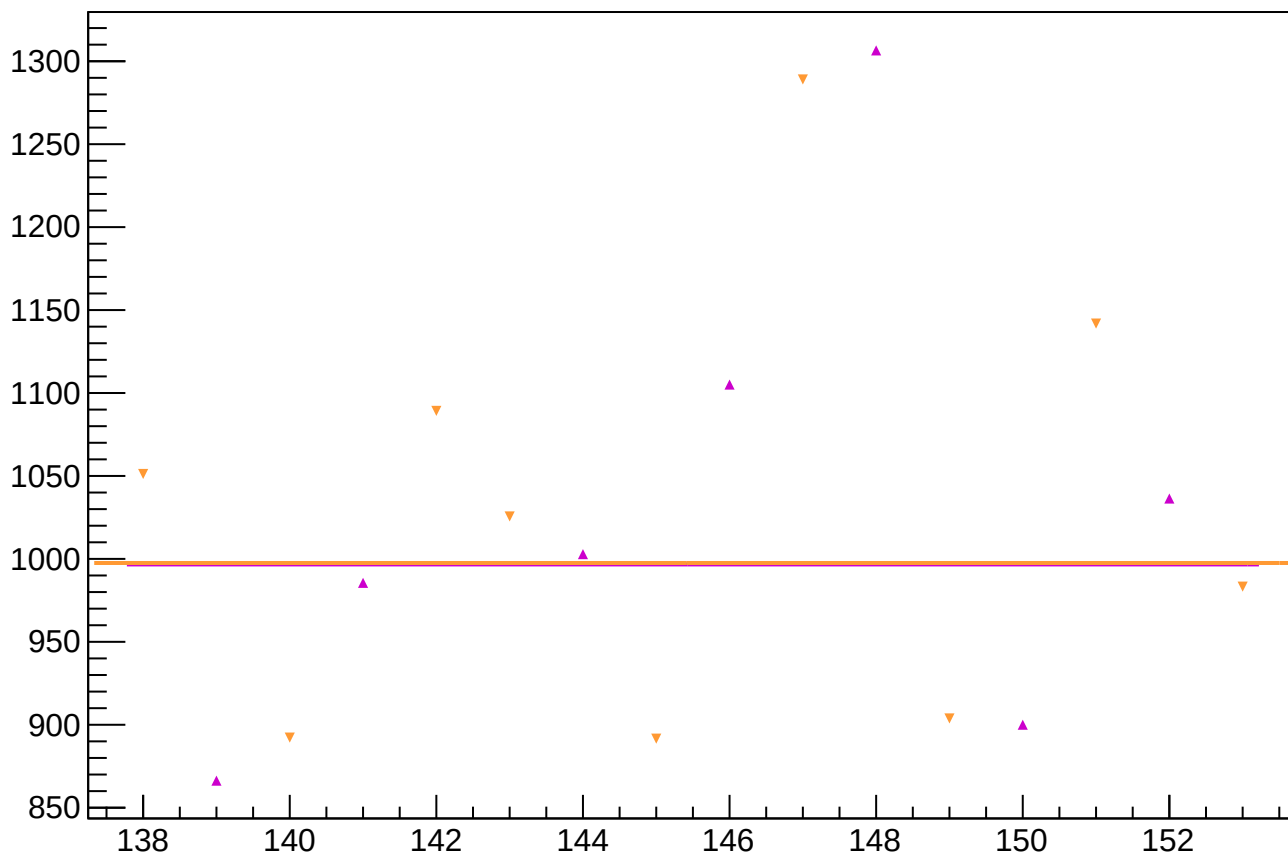
Left In: -948.738+/-418.801 χ^2/NDF : 13.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -778.035+/-287.054 χ^2/NDF : 18.0/15

- 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: 997.532+/-0.279 χ^2/NDF :174621.1/8

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

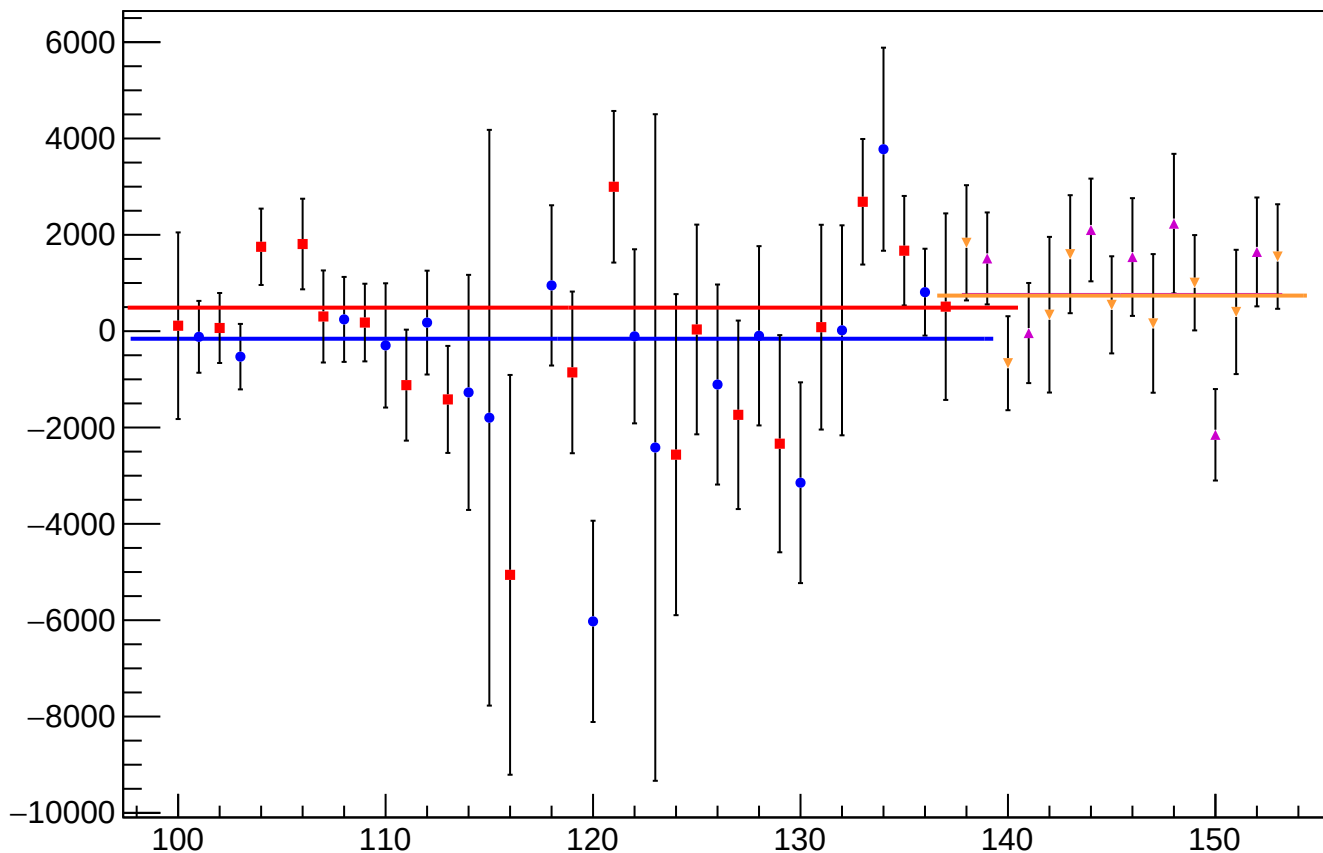
Left In: 996.655+/-0.296 χ^2/NDF :162038.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.120+/-0.203 χ^2/NDF : 336663.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



Right In: -157.178+/-312.499 χ^2 /NDF: 16.2/16

Left Out: 738.824+/-385.280 χ^2 /NDF: 4.4/8

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

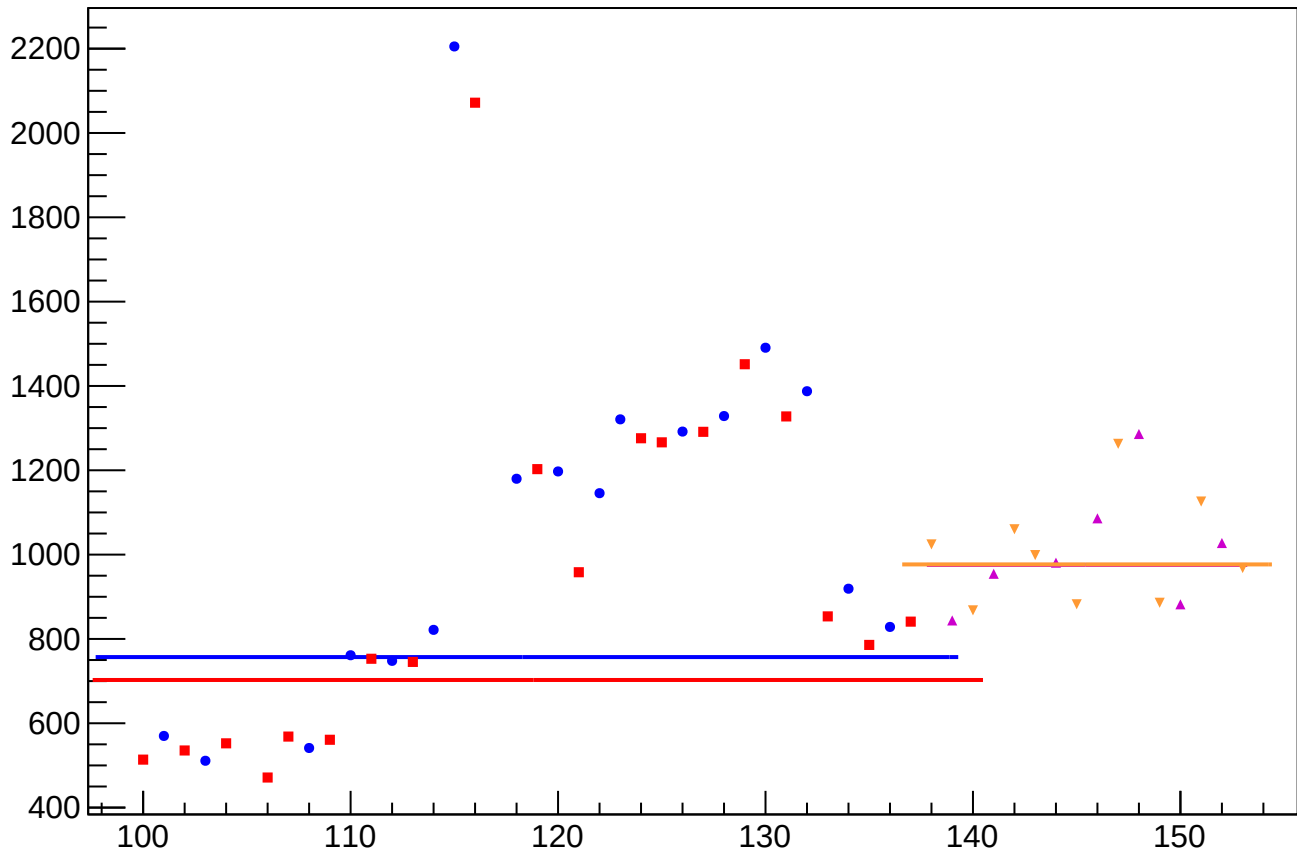
Left In: 751.919+/-410.272 χ^2 /NDF: 14.2/6

+ sign 198.372+/-242.702 χ^2 /NDF: 23.9/25

All: 393.669+/-168.014 χ^2 /NDF: 62.3/51

- sign 573.385+/-232.820 χ^2 /NDF: 37.2/25

asym_sam5_rms vs Slug



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

Left Out: 976.738 $\pm$ 0.272 χ^2 /NDF:174411.5/8

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

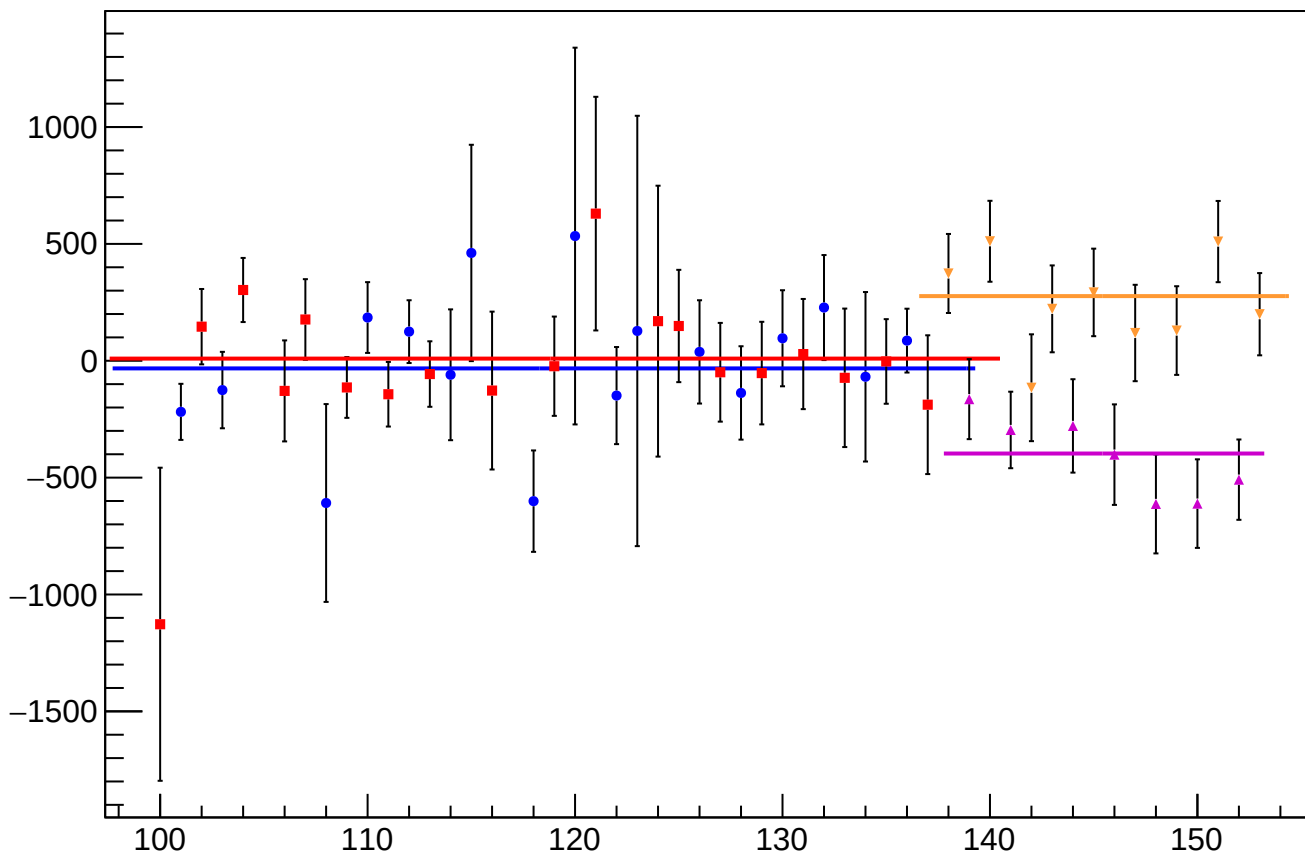
Left In: 975.501 $\pm$ 0.290 χ^2 /NDF:170718.7/6

+ sign 844.187 $\pm$ 0.172 χ^2 /NDF: 2278155.3/25

All: 816.239 $\pm$ 0.119 χ^2 /NDF: 4789069.9/51

- sign 790.520 $\pm$ 0.165 χ^2 /NDF: 2459988.2/25

dit_asym_sam6_mean vs Slug



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

Left Out: 276.634 ± 61.819 χ^2/NDF : 8.4/8

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

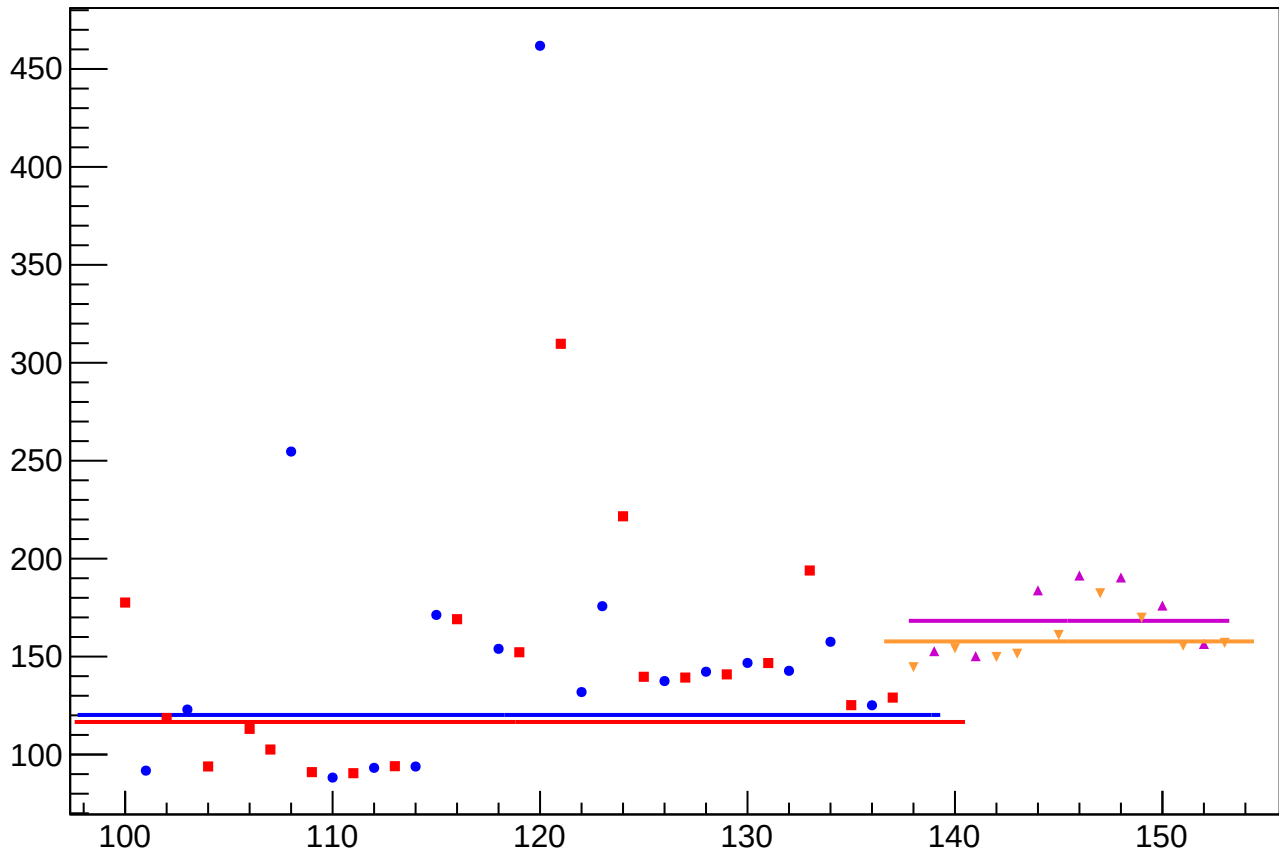
Left In: -396.881 ± 70.334 χ^2/NDF : 5.3/6

+ sign 84.954 ± 38.124 χ^2/NDF : 43.6/25

All: -12.632 ± 27.006 χ^2/NDF : 100.3/51

- sign -110.922 ± 38.262 χ^2/NDF : 43.5/25

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 157.749 $\pm$ 0.044 χ^2 /NDF: 55189.4/8

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

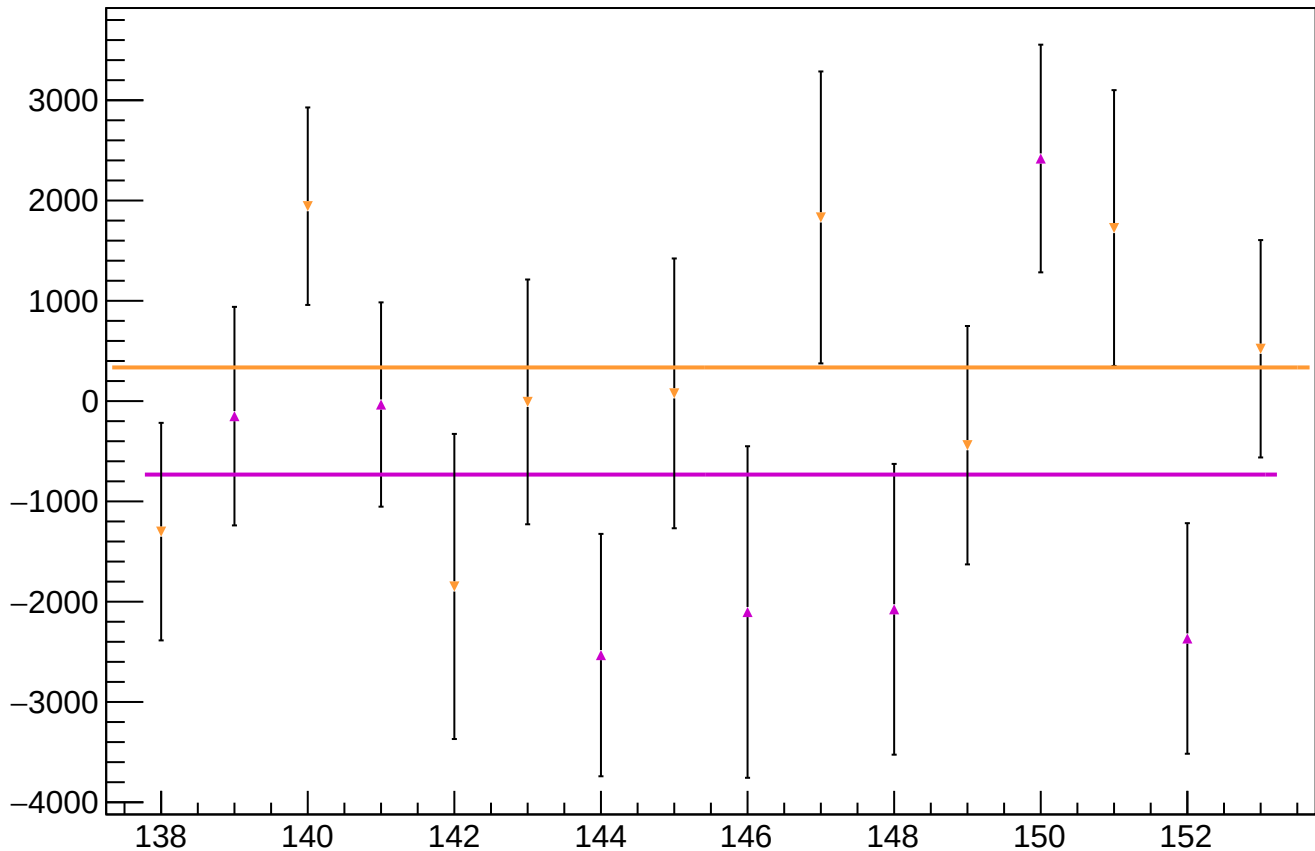
Left In: 168.257 $\pm$ 0.050 χ^2 /NDF: 110618.8/6

+ sign 134.485 $\pm$ 0.027 χ^2 /NDF: 1574602.4/25

All: 133.197 $\pm$ 0.019 χ^2 /NDF: 3446796.7/51

- sign 131.900 $\pm$ 0.027 χ^2 /NDF: 1867611.7/25

asym_sam6_correction_mean vs Slug



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

Left Out: 335.674+/-404.955 χ^2/NDF : 9.7/8

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

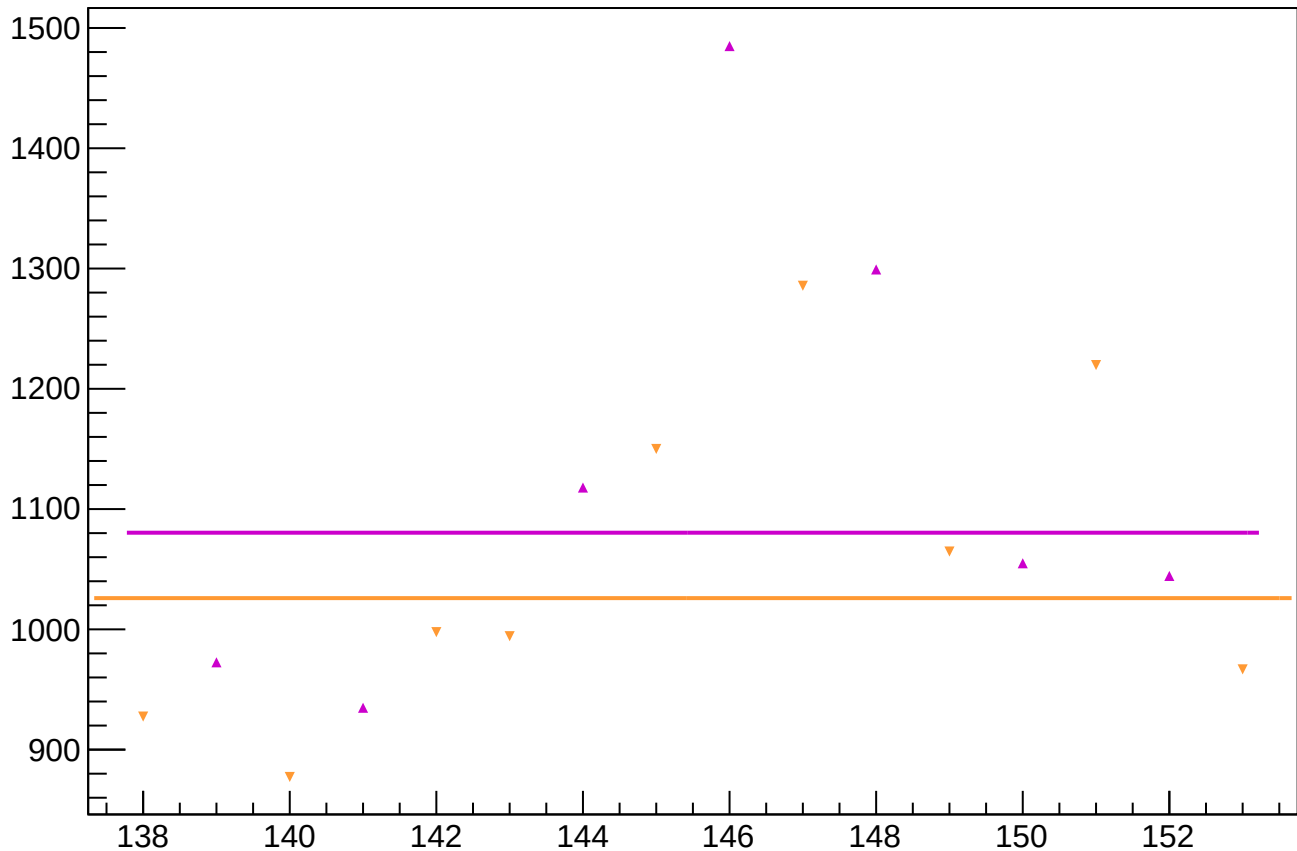
Left In: -732.583+/-453.348 χ^2/NDF : 14.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.414+/-302.012 χ^2/NDF : 27.0/15

- 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: 1025.966+/-0.286 χ^2/NDF :192630.2/8

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

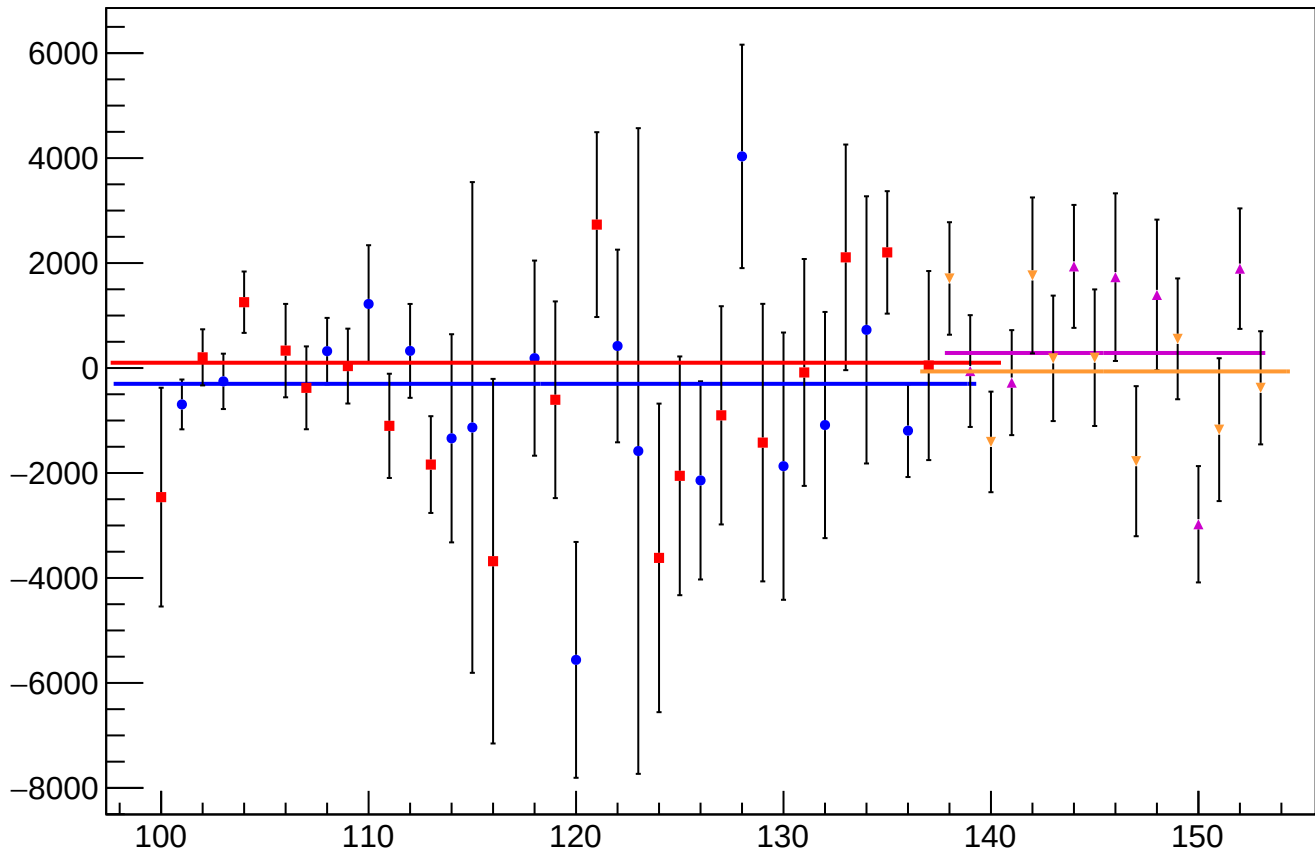
Left In: 1080.357+/-0.321 χ^2/NDF :230696.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.105+/-0.214 χ^2/NDF : 439338.8/15

- 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: -64.645 ± 396.913 χ^2/NDF : 8.8/8

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

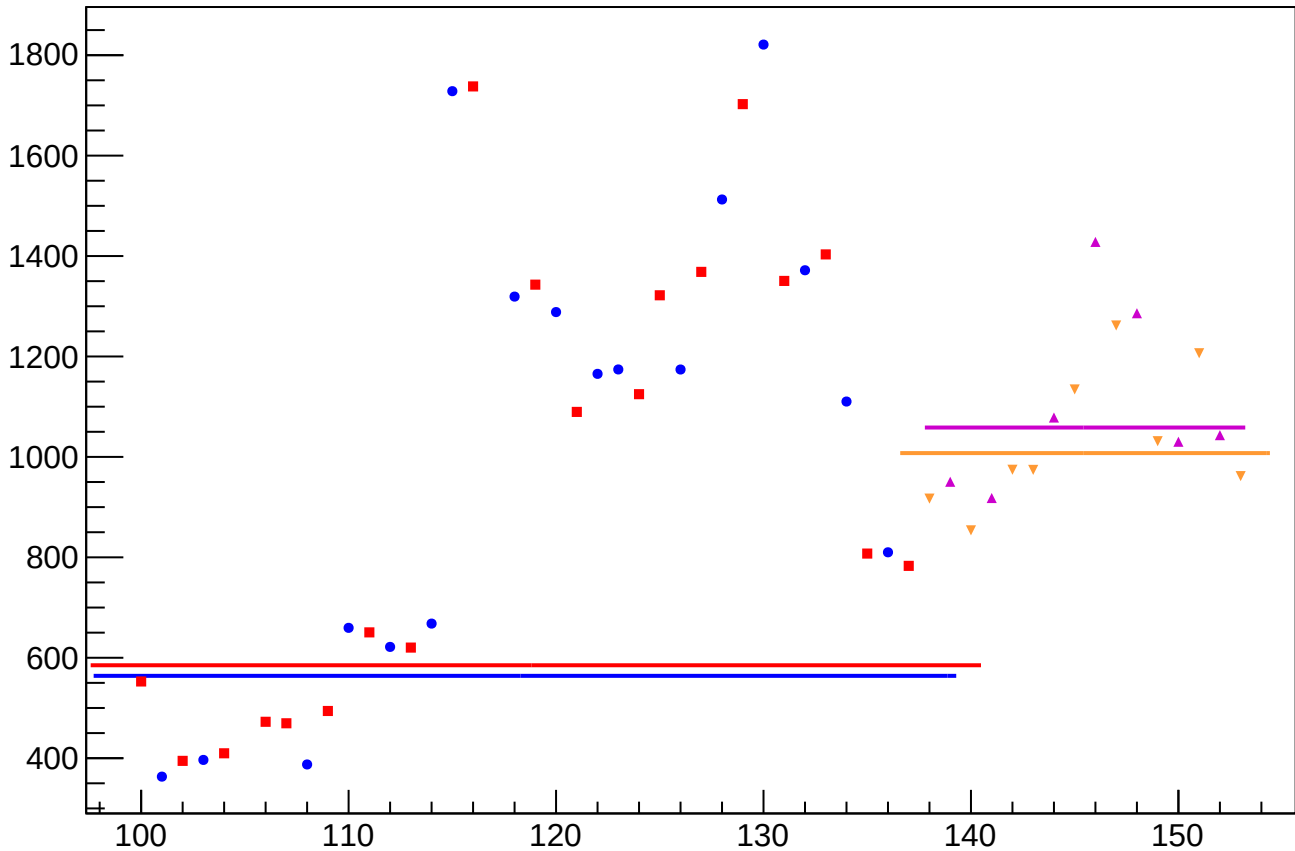
Left In: 286.851 ± 444.544 χ^2/NDF : 14.4/6

+ sign -233.850 ± 211.562 χ^2/NDF : 25.9/25

All: -47.947 ± 150.877 χ^2/NDF : 64.5/51

- sign 144.455 ± 215.229 χ^2/NDF : 37.1/25

asym_sam6_rms vs Slug



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

Left Out: 1007.595+/-0.281 χ^2/NDF :197776.5/8

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

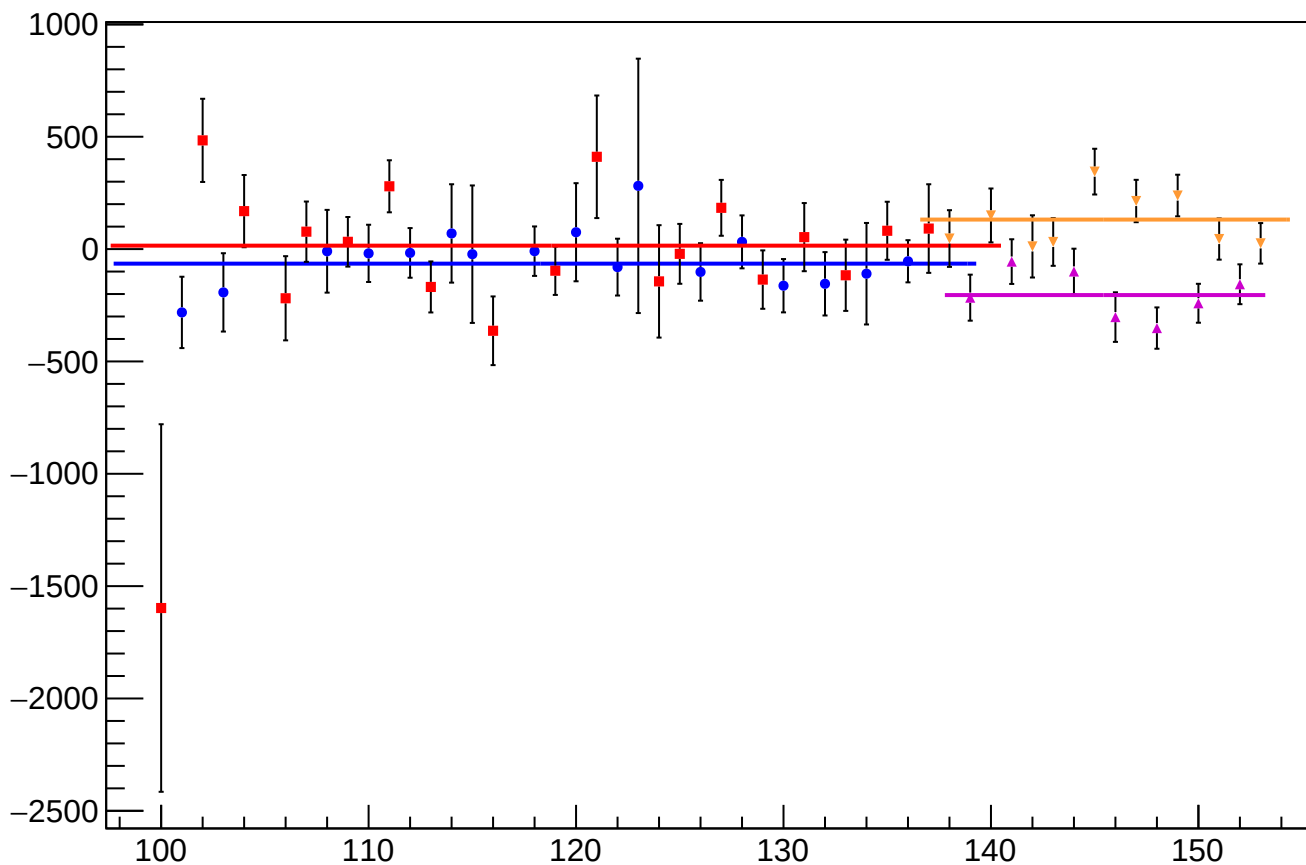
Left In: 1058.492+/-0.314 χ^2/NDF :219629.6/6

+ sign 690.032+/-0.150 χ^2/NDF : 5247624.6/25

All: 692.986+/-0.107 χ^2/NDF : 10025469.3/51

- sign 696.043+/-0.152 χ^2/NDF : 4777051.2/25

dit_asym_sam7_mean vs Slug



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

Left Out: 131.379±/34.497 χ^2 /NDF:10.9/8

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

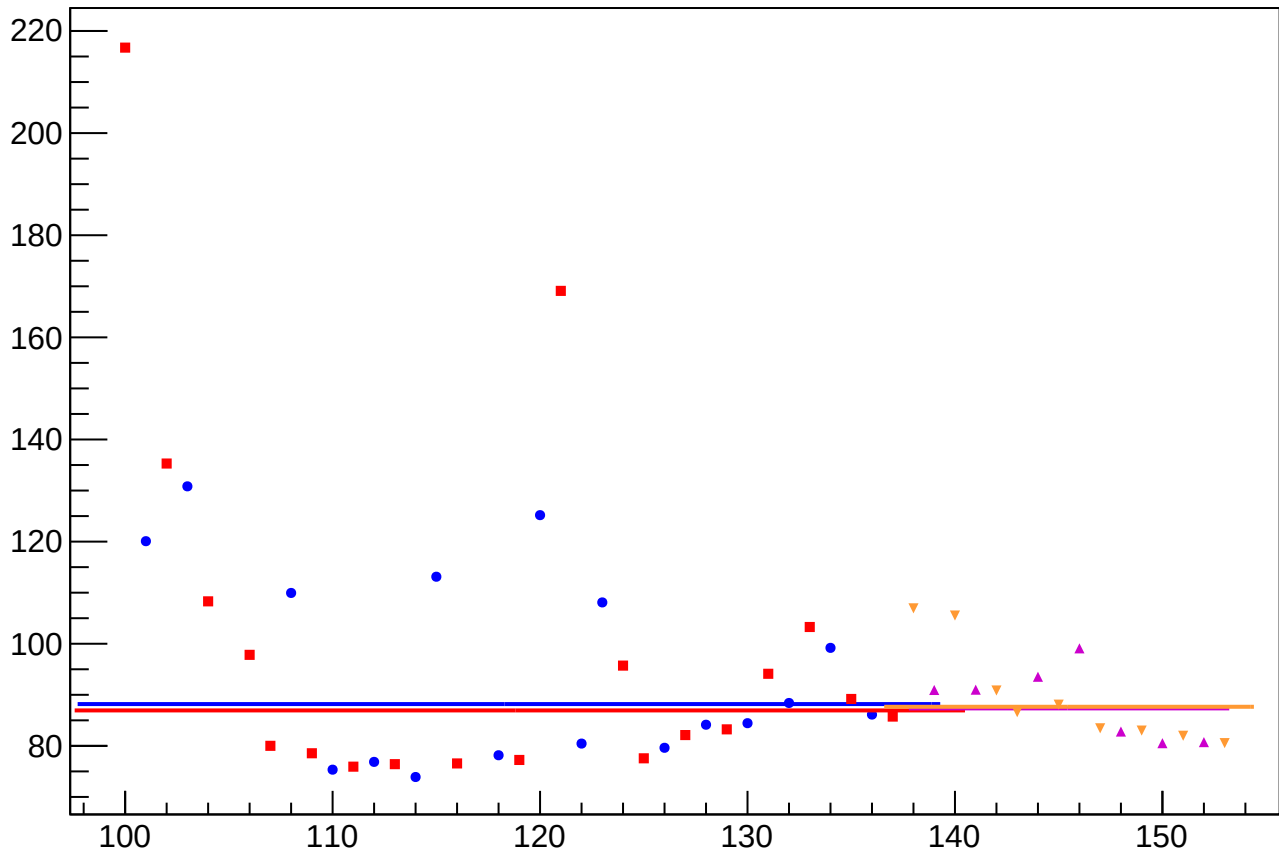
Left In: -204.641±/36.404 χ^2 /NDF:7.1/6

+ sign 33.667±/24.440 χ^2 /NDF: 33.1/25

All: -25.379±/17.345 χ^2 /NDF: 106.8/51

- sign -85.297±/24.620 χ^2 /NDF: 61.9/25

dit_asym_sam7_rms vs Slug



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

Left Out: 87.658 $\pm$ 0.024 χ^2 /NDF: 121575.0/8

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

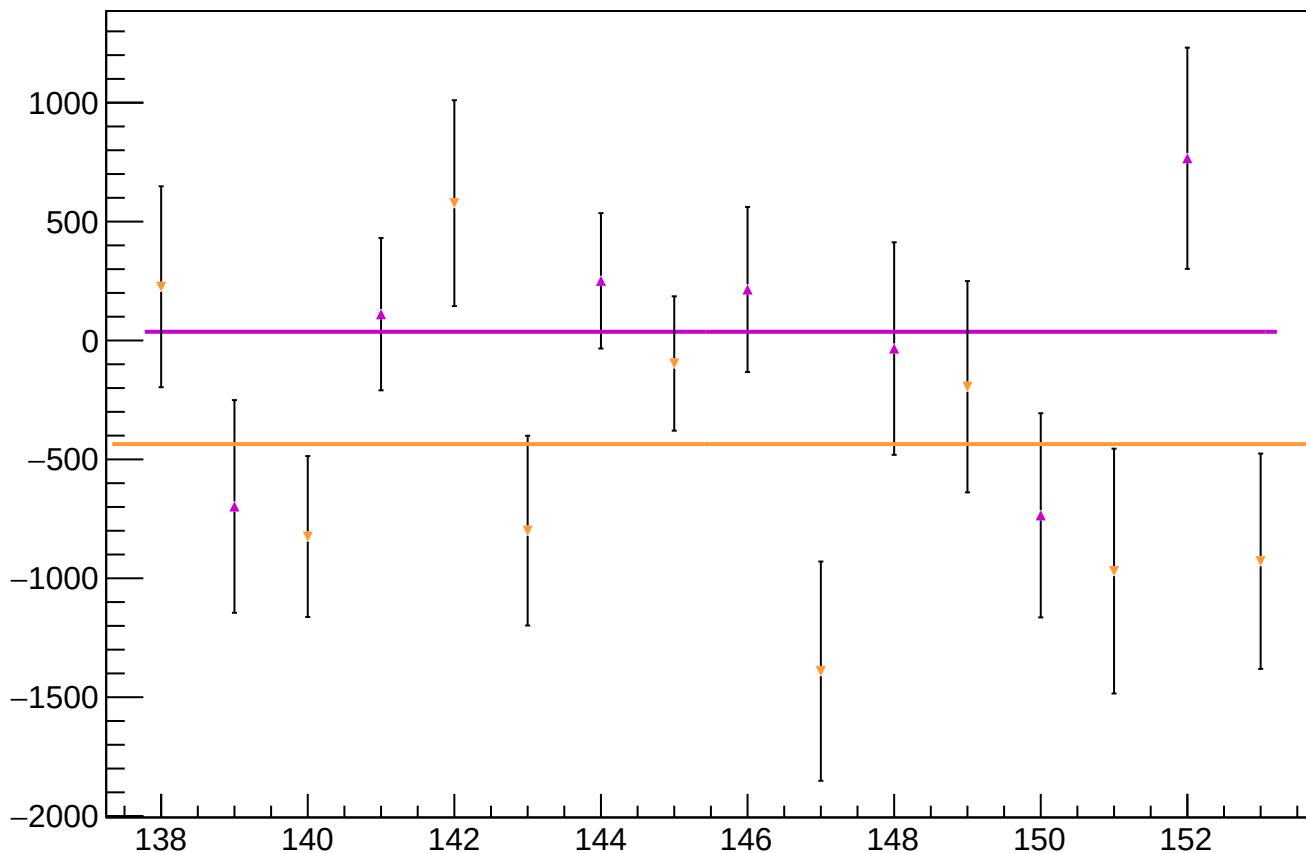
Left In: 87.339 $\pm$ 0.026 χ^2 /NDF: 63720.2/6

+ sign 87.921 $\pm$ 0.017 χ^2 /NDF: 516256.3/25

All: 87.525 $\pm$ 0.012 χ^2 /NDF: 1112520.6/51

- sign 87.124 $\pm$ 0.017 χ^2 /NDF: 595208.2/25

asym_sam7_correction_mean vs Slug



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

Left Out: -435.754+/-132.557 χ^2/NDF : 18.4/8

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

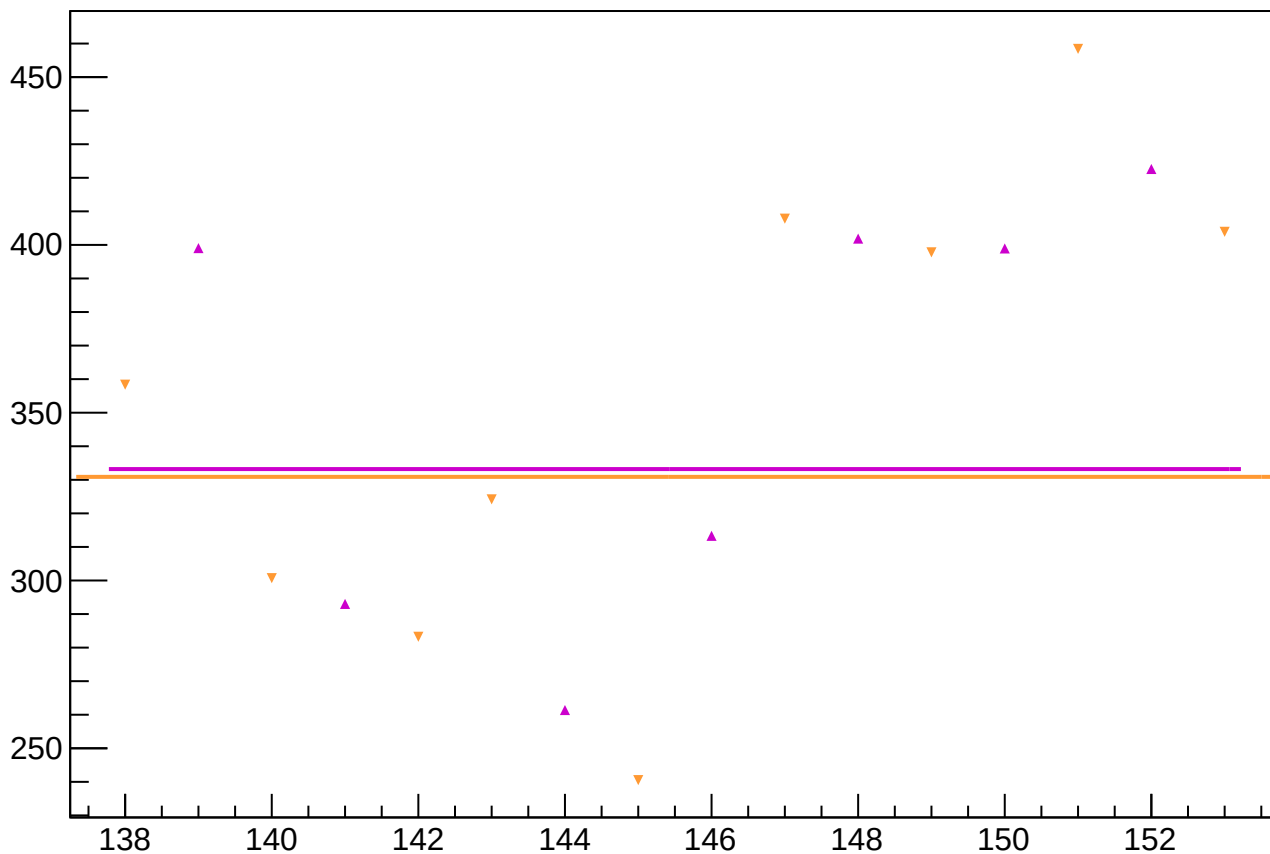
Left In: 36.693+/-140.774 χ^2/NDF : 9.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.721+/-96.506 χ^2/NDF : 33.6/15

- 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: 330.882+/-0.094 χ^2/NDF : 529681.4/8

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

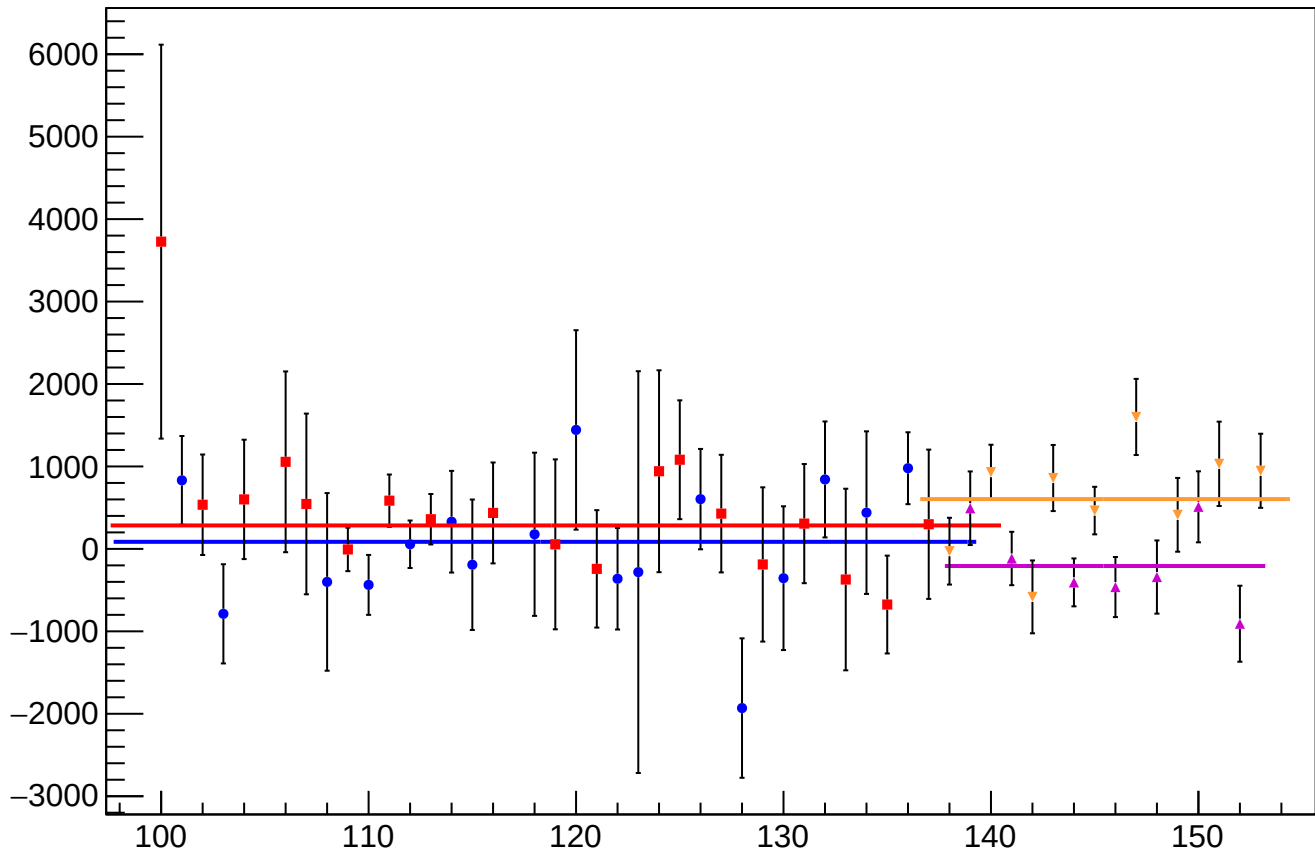
Left In: 333.204+/-0.100 χ^2/NDF : 376835.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.973+/-0.068 χ^2/NDF : 906805.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



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

Left Out: 603.791 $\pm$ 132.514 χ^2 /NDF: 17.4/8

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

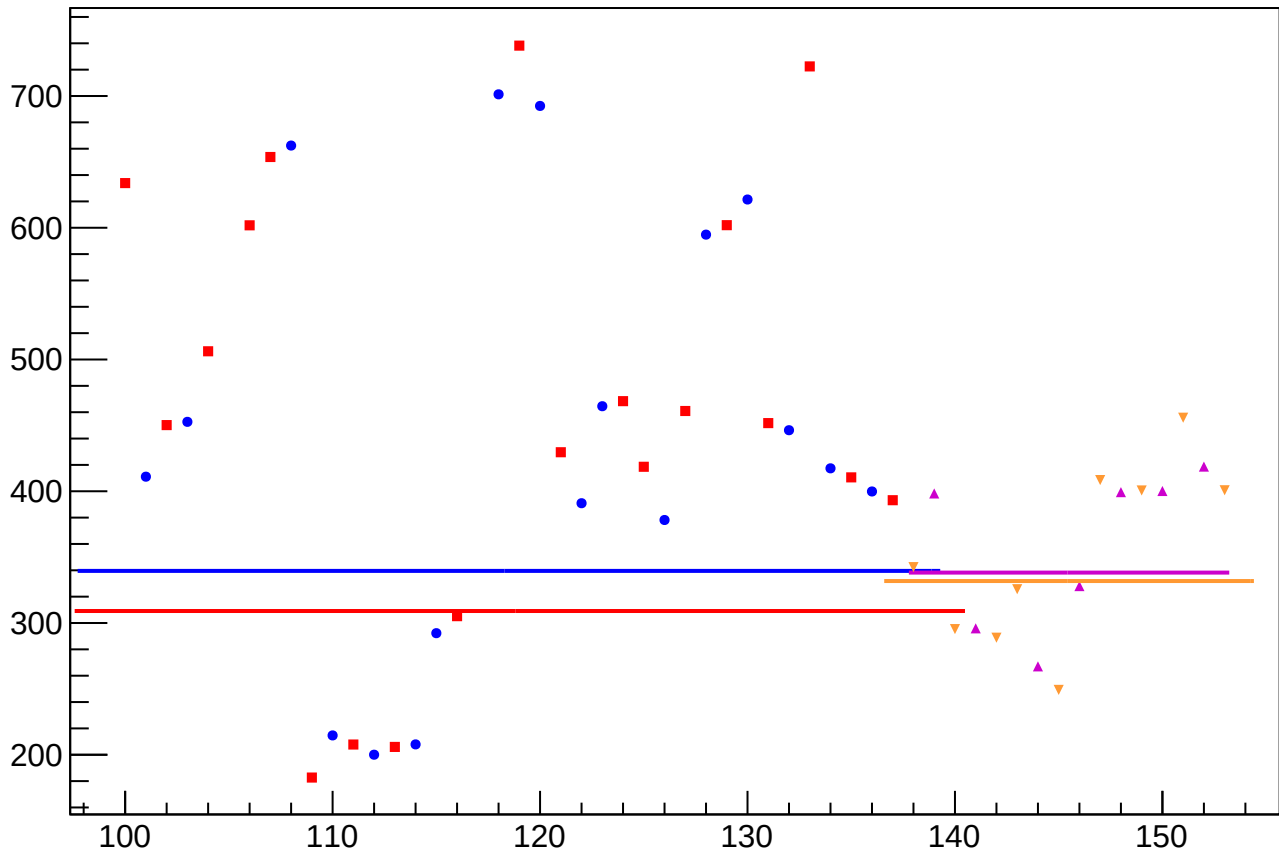
Left In: -207.429 $\pm$ 142.714 χ^2 /NDF: 8.7/6

+ sign 363.767 $\pm$ 97.072 χ^2 /NDF: 45.0/25

All: 211.194 $\pm$ 68.237 χ^2 /NDF: 75.7/51

- sign 62.149 $\pm$ 95.943 χ^2 /NDF: 25.8/25

asym_sam7_rms vs Slug



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 331.852 $\pm$ 0.094 χ^2 /NDF: 475808.6/8

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

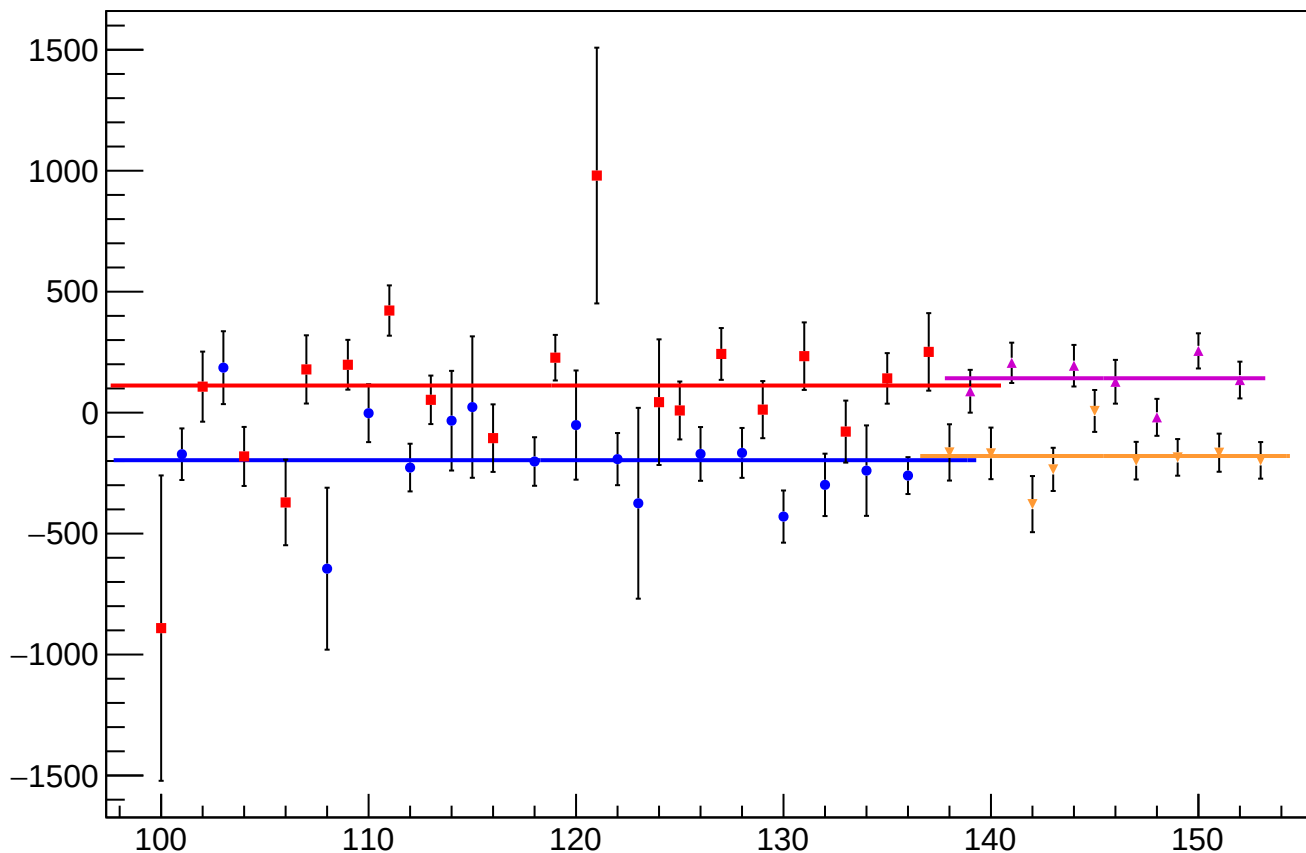
Left In: 338.264 $\pm$ 0.101 χ^2 /NDF: 332002.7/6

+ sign 335.421 $\pm$ 0.069 χ^2 /NDF: 2521182.0/25

All: 328.775 $\pm$ 0.048 χ^2 /NDF: 5647780.5/51

- sign 322.283 $\pm$ 0.068 χ^2 /NDF: 3108068.8/25

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -179.264 ± 29.233 χ^2/NDF : 8.1/8

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

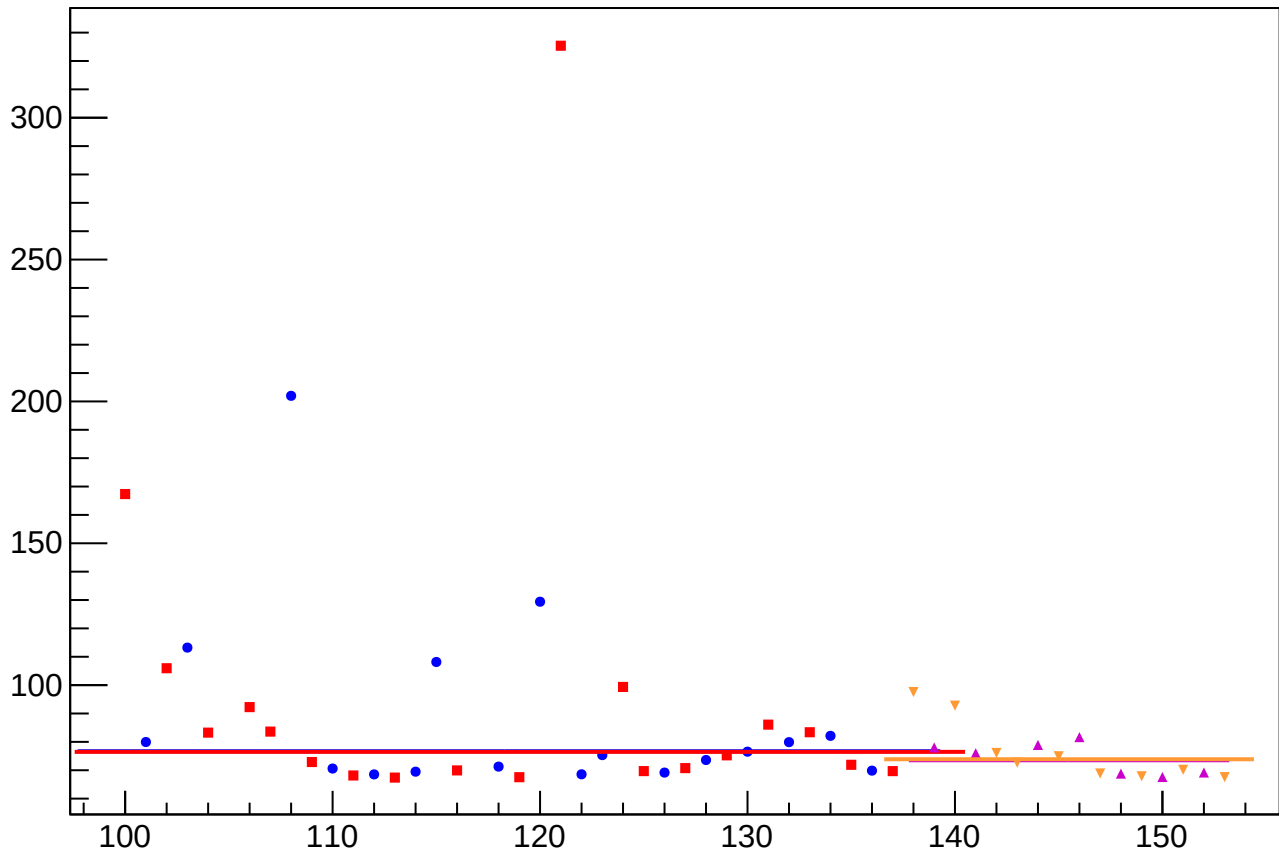
Left In: 142.149 ± 30.676 χ^2/NDF : 8.2/6

+ sign -187.593 ± 21.071 χ^2/NDF : 27.3/25

All: -32.262 ± 14.983 χ^2/NDF : 185.3/51

- sign 126.598 ± 21.309 χ^2/NDF : 48.1/25

dit_asym_sam8_rms vs Slug



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

Left Out: 73.872 $\pm$ 0.021 χ^2 /NDF:186410.1/8

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

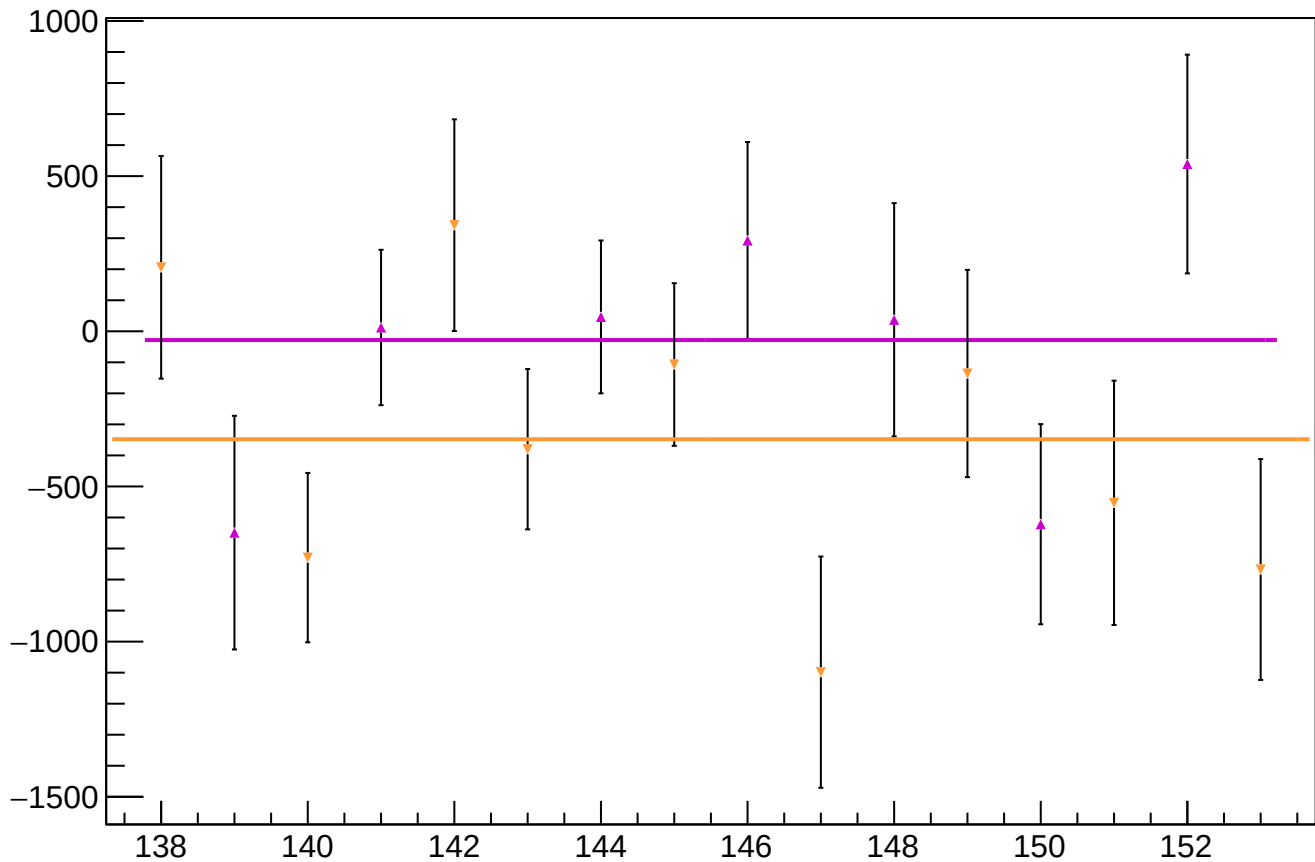
Left In: 73.514 $\pm$ 0.022 χ^2 /NDF:58314.3/6

+ sign 75.227 $\pm$ 0.015 χ^2 /NDF: 795701.8/25

All: 75.139 $\pm$ 0.011 χ^2 /NDF: 1563115.6/51

- sign 75.048 $\pm$ 0.015 χ^2 /NDF: 767342.9/25

asym_sam8_correction_mean vs Slug



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

Left Out: -347.892+/-105.490 χ^2/NDF : 15.4/8

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

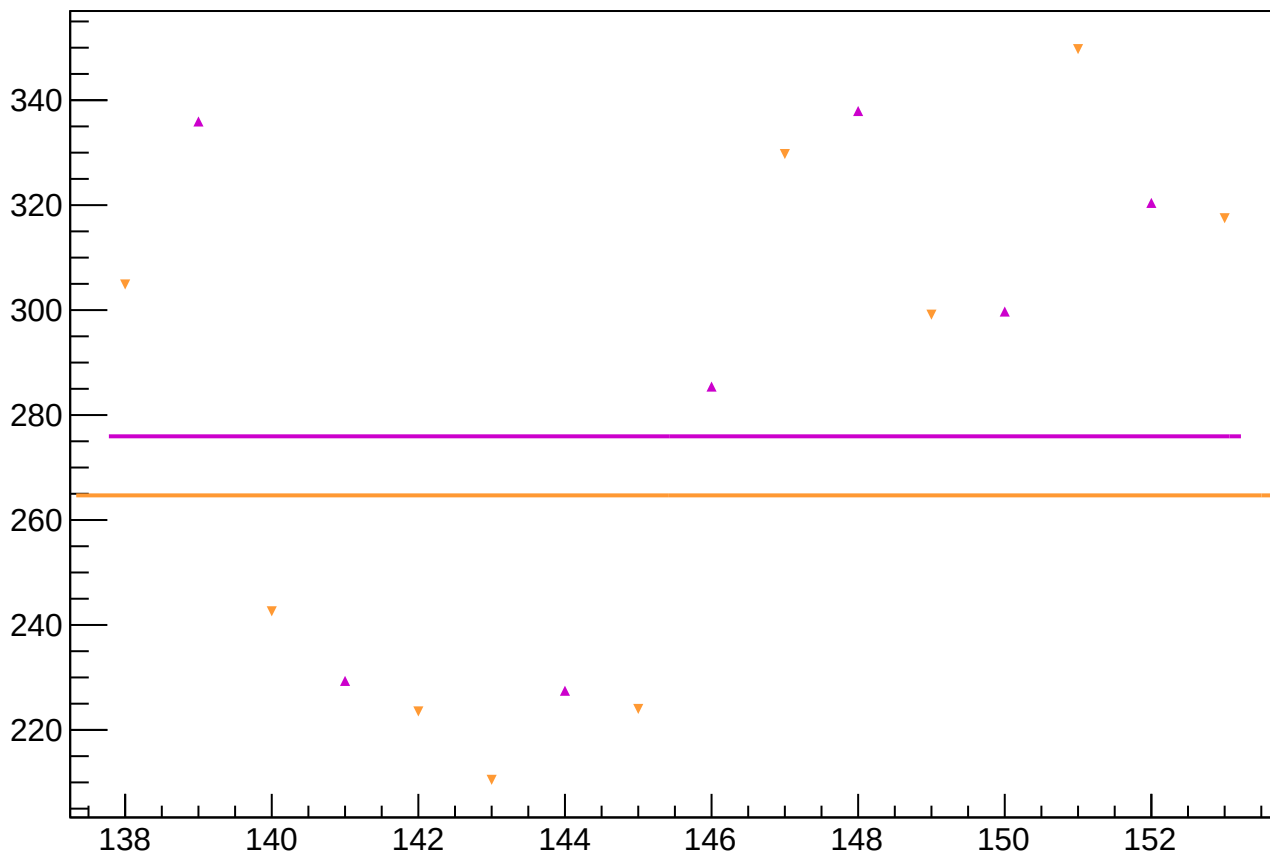
Left In: -28.219+/-116.118 χ^2/NDF : 9.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.352+/-78.080 χ^2/NDF : 29.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 264.694+/-0.075 χ^2/NDF : 423170.5/8

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

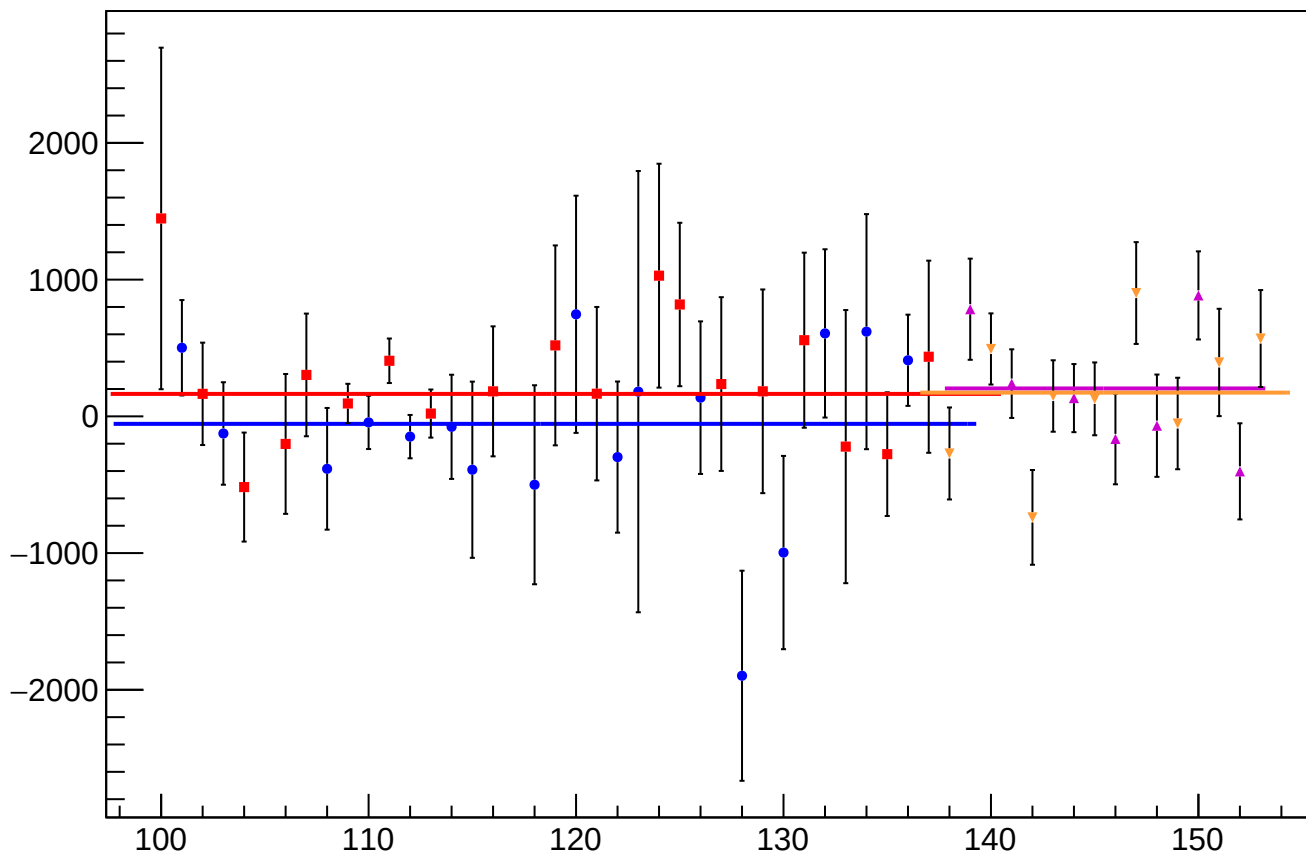
Left In: 275.948+/-0.082 χ^2/NDF : 296464.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.782+/-0.055 χ^2/NDF : 729927.4/15

- 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: 173.567 ± 104.671 χ^2/NDF : 16.1/8

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

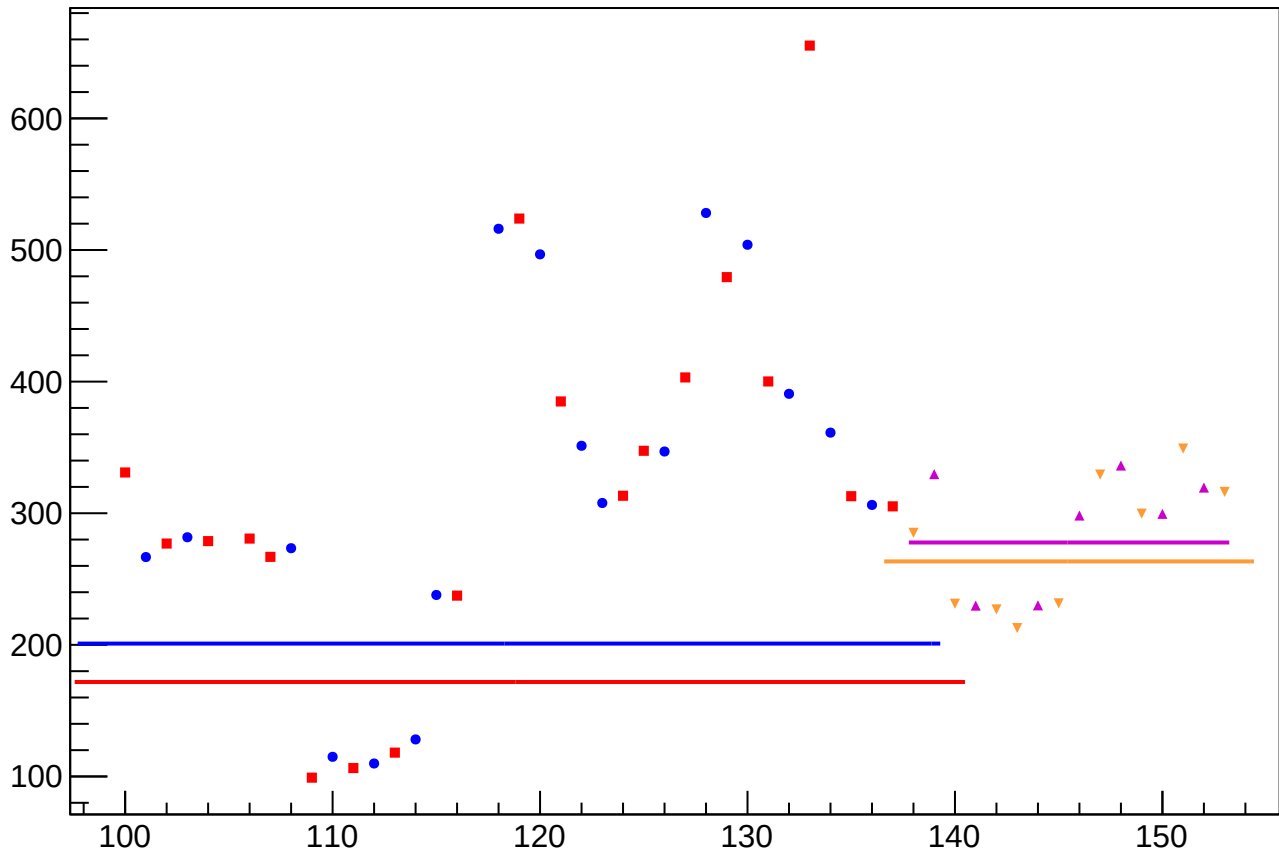
Left In: 204.051 ± 116.843 χ^2/NDF : 11.8/6

+ sign 42.634 ± 68.397 χ^2/NDF : 35.4/25

All: 113.603 ± 46.824 χ^2/NDF : 61.1/51

- sign 176.204 ± 64.238 χ^2/NDF : 23.7/25

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 263.391+/-0.074 χ^2/NDF : 391032.1/8

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

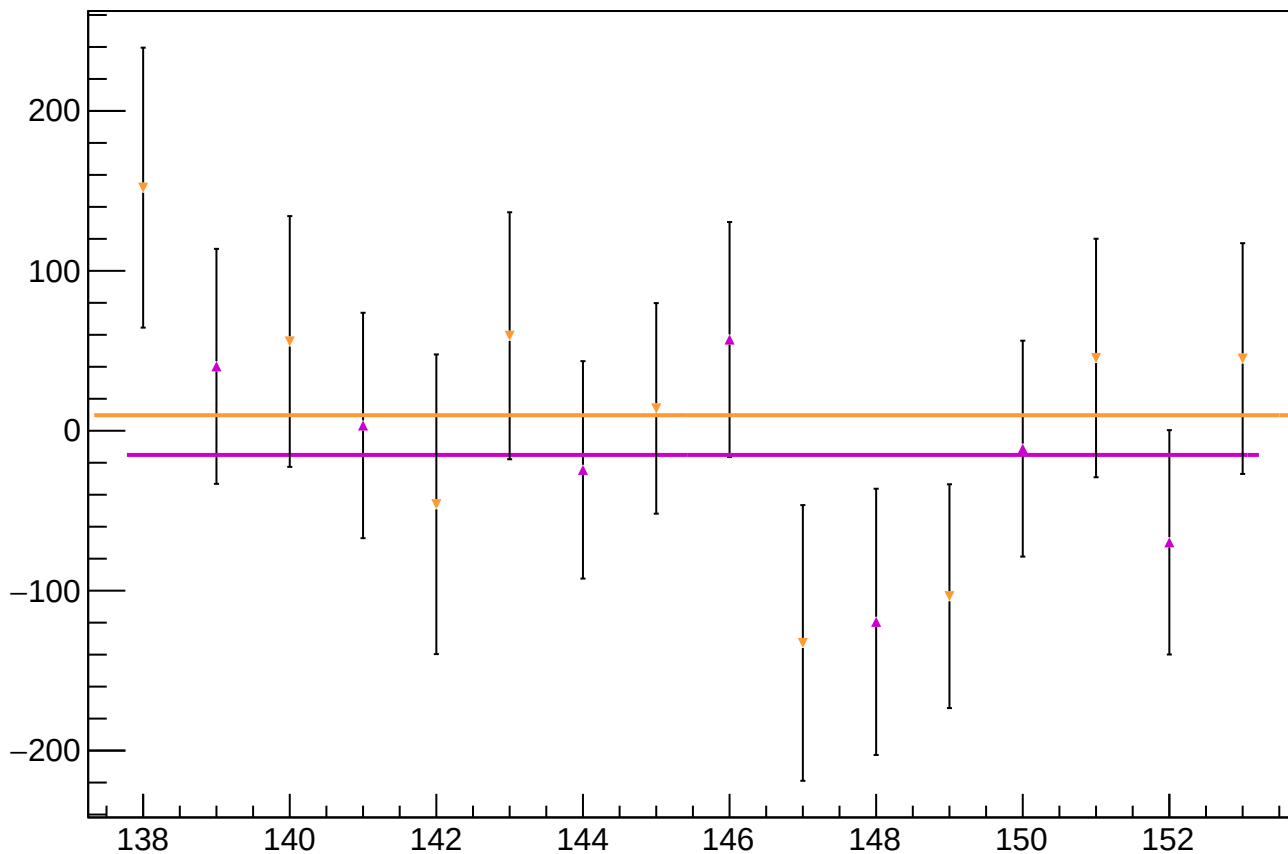
Left In: 277.775+/-0.083 χ^2/NDF : 279776.2/6

+ sign 227.623+/-0.048 χ^2/NDF : 4234748.0/25

All: 214.980+/-0.033 χ^2/NDF : 9883880.3/51

- sign 203.827+/-0.045 χ^2/NDF : 5520506.7/25

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 9.725+/-25.683 χ^2/NDF : 9.6/8

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

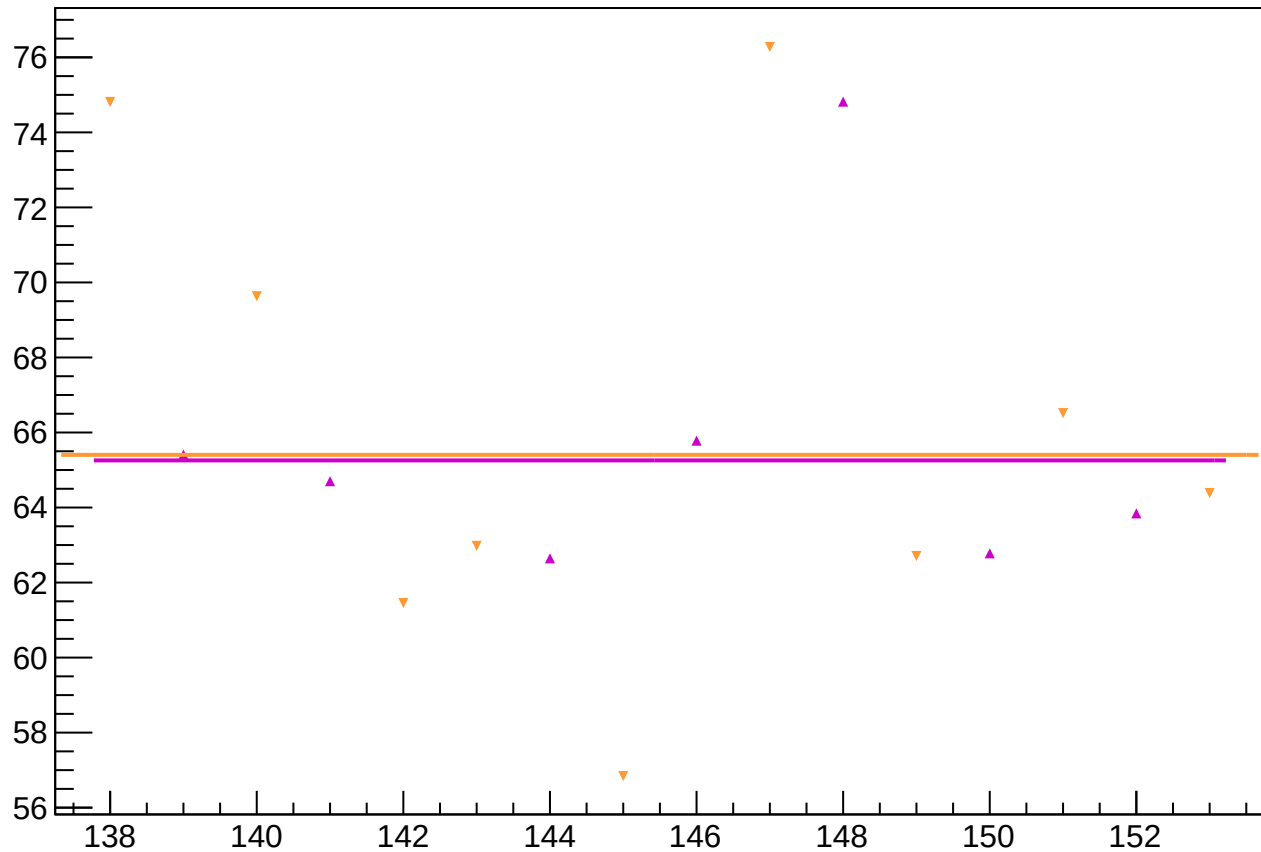
Left In: -15.109+/-27.166 χ^2/NDF : 3.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.996+/-18.663 χ^2/NDF : 13.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.404+/-0.018 χ^2/NDF : 103886.2/8

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

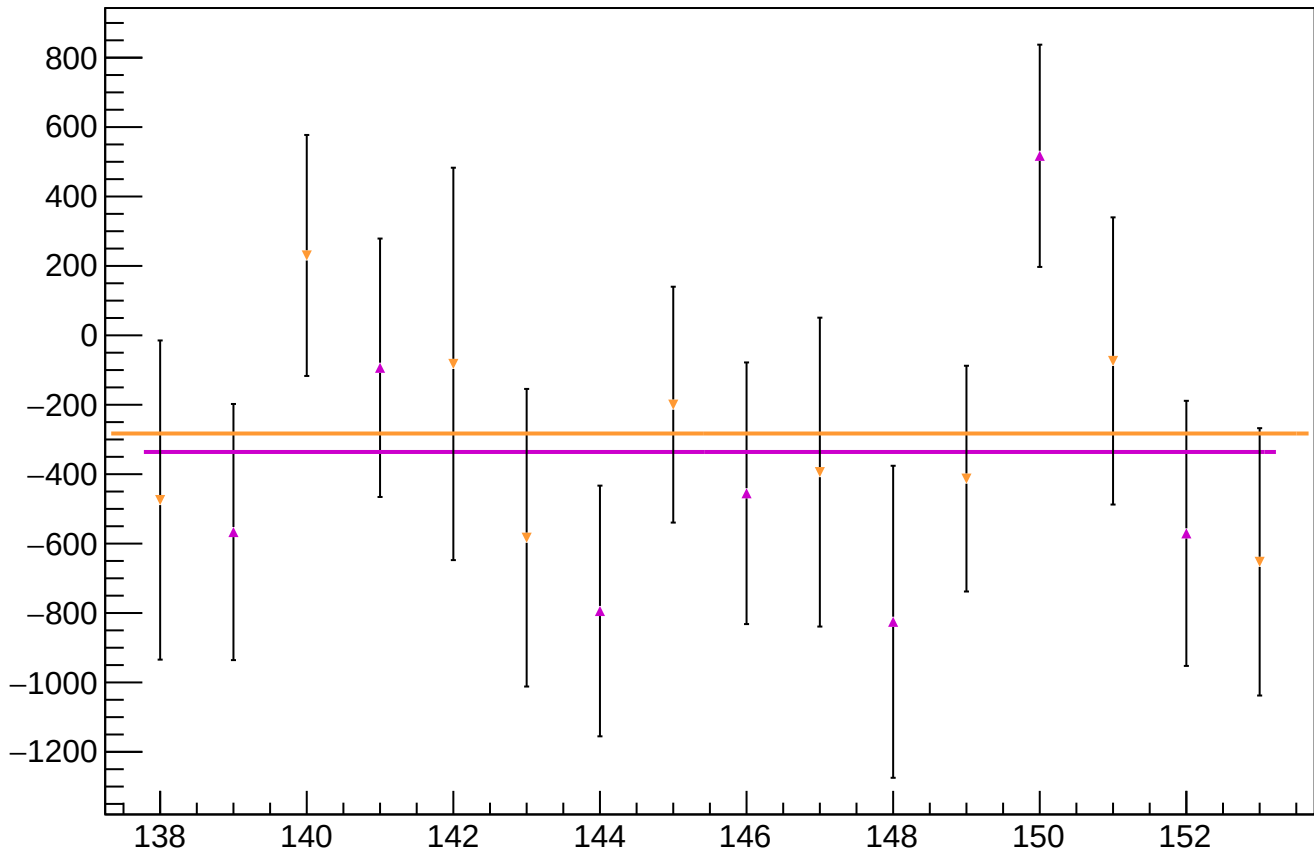
Left In: 65.256+/-0.019 χ^2/NDF : 33076.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.335+/-0.013 χ^2/NDF : 136993.7/15

- 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: -282.812+/-132.050 χ^2/NDF : 4.4/8

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

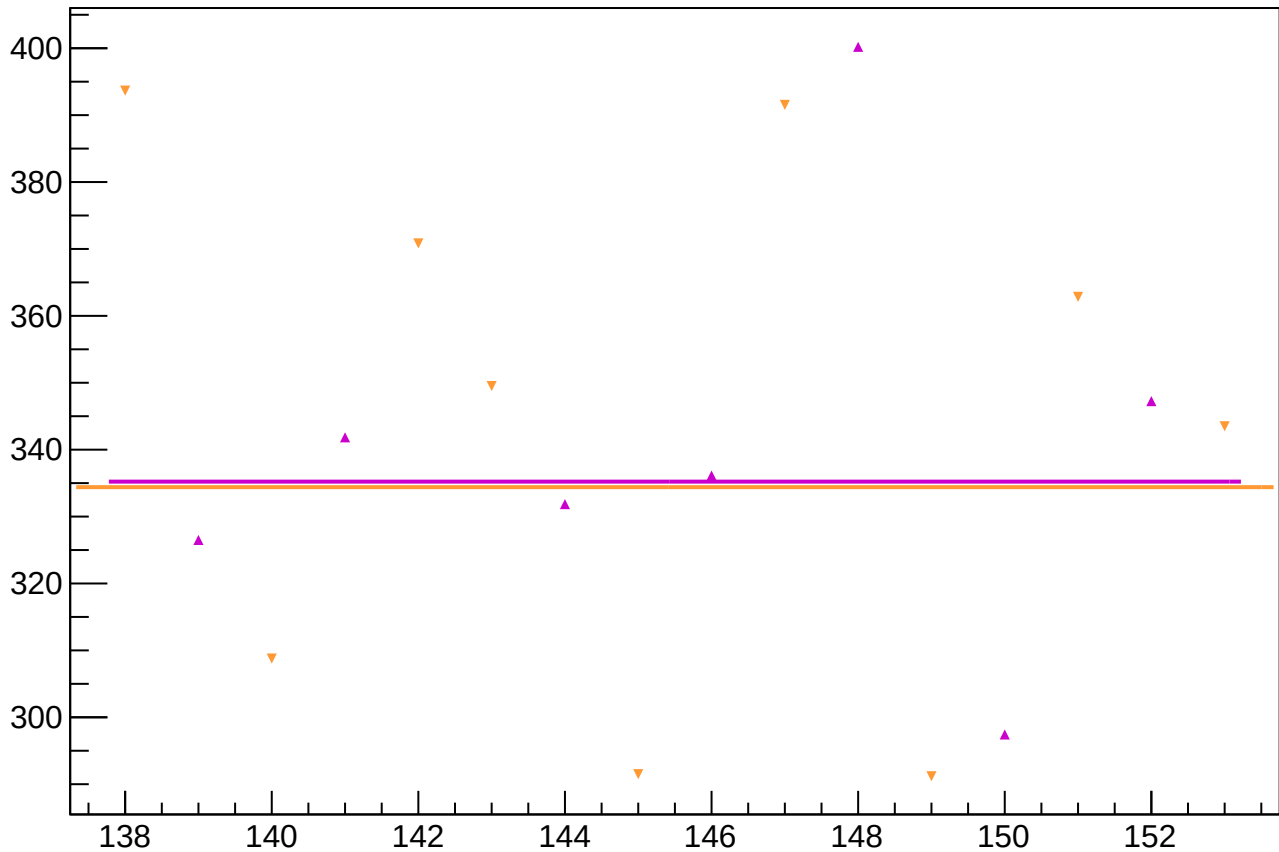
Left In: -336.023+/-140.264 χ^2/NDF : 11.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -307.814+/-96.146 χ^2/NDF : 15.7/15

- 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: 334.397+/-0.093 χ^2/NDF : 165637.3/8

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

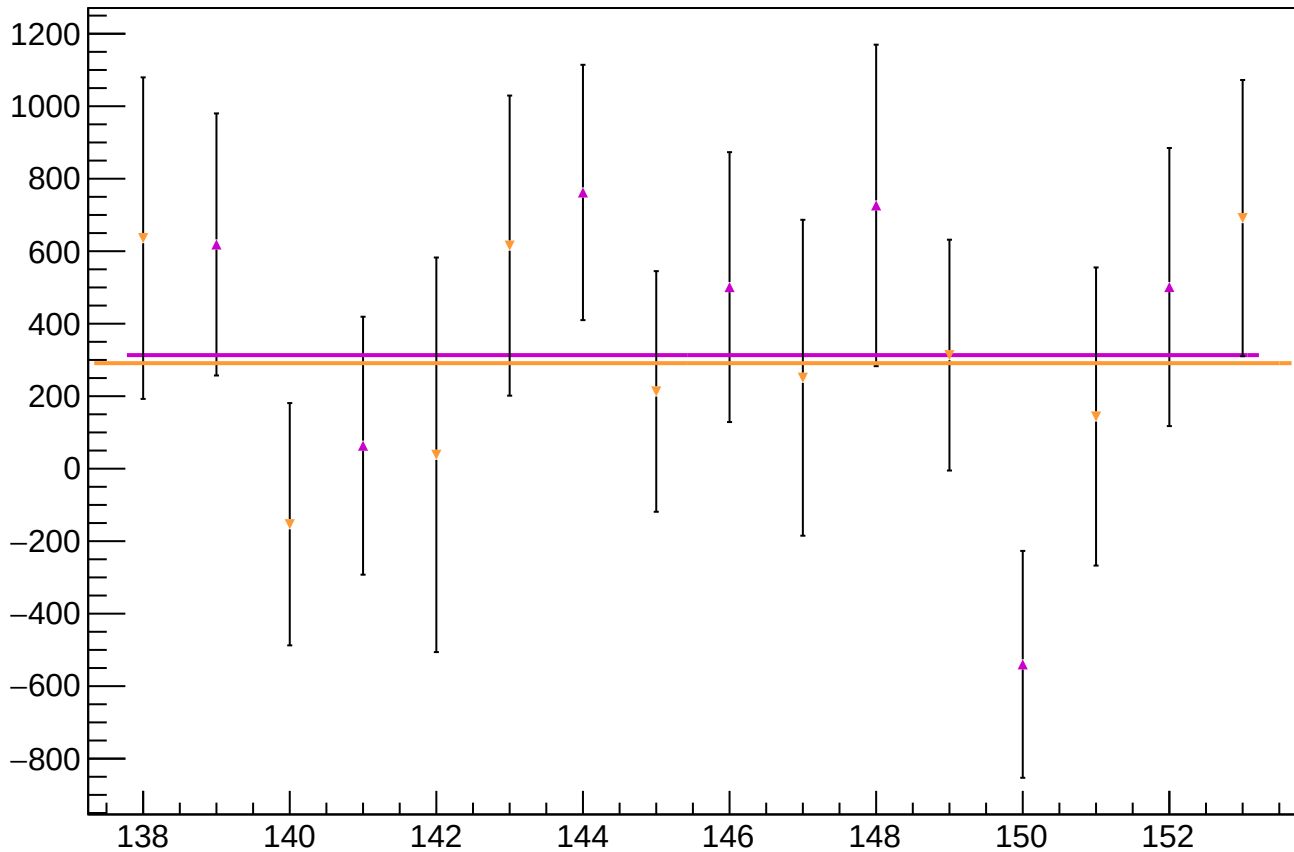
Left In: 335.223+/-0.099 χ^2/NDF : 73591.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.785+/-0.068 χ^2/NDF : 239265.7/15

- 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: 291.098+/-128.830 χ^2/NDF : 4.5/8

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

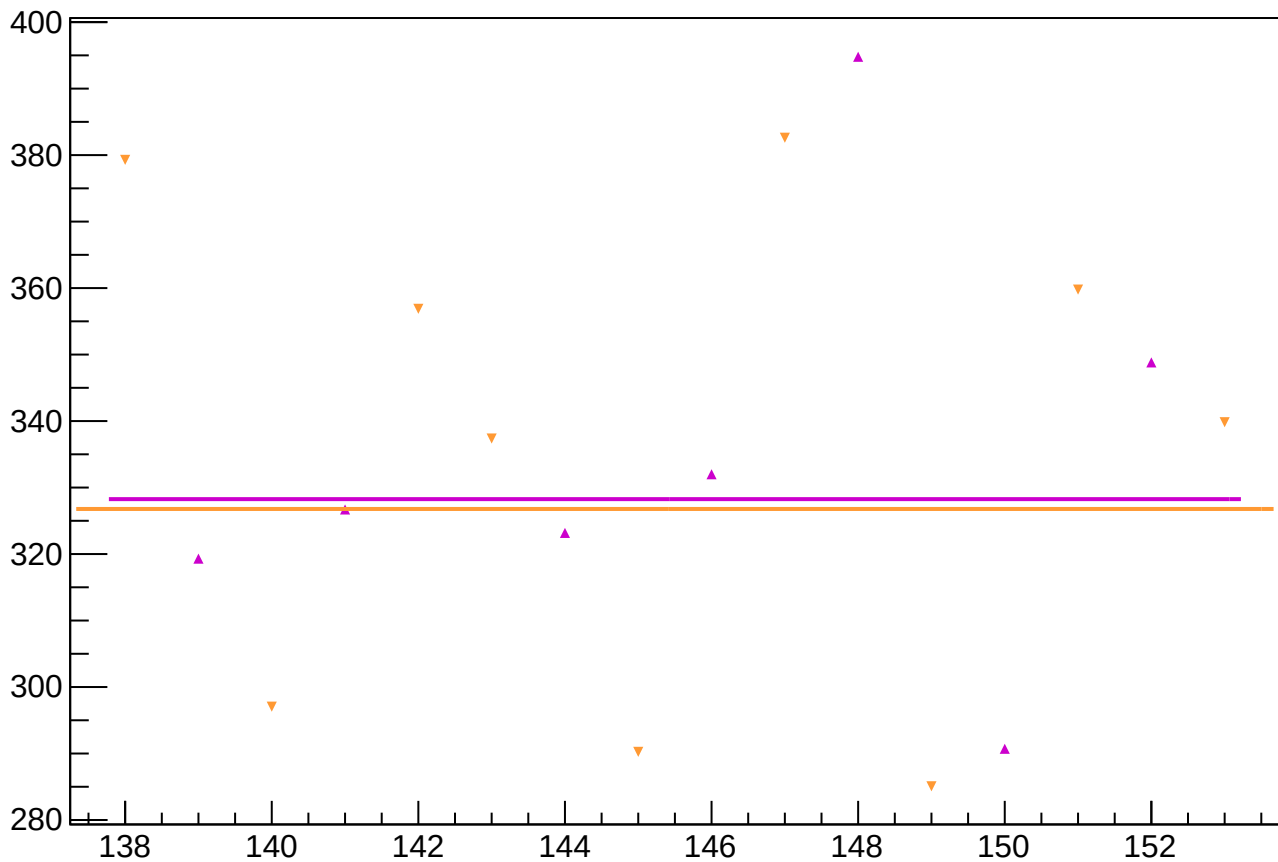
Left In: 313.306+/-137.477 χ^2/NDF : 11.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.482+/-94.005 χ^2/NDF : 16.1/15

- 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: 326.781+/-0.091 χ^2/NDF :157869.1/8

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

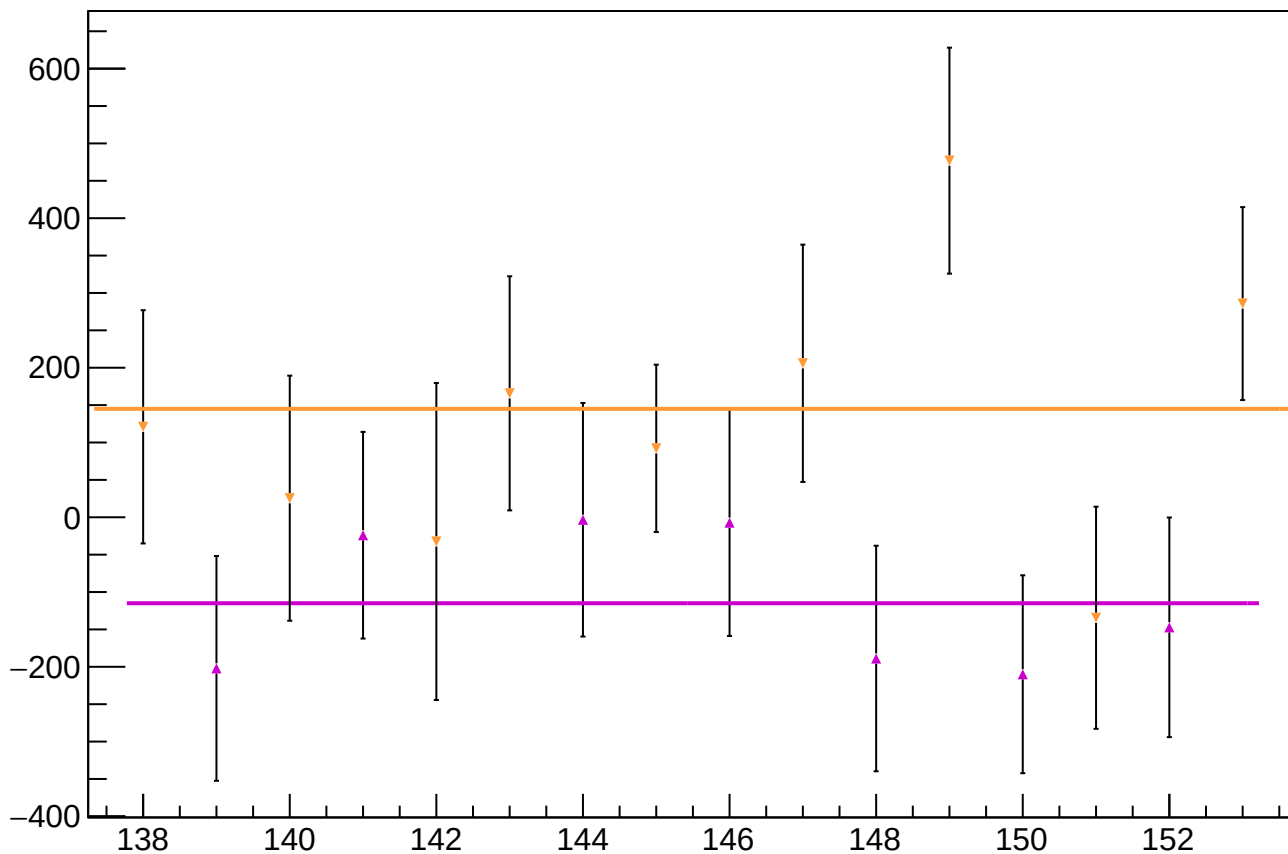
Left In: 328.260+/-0.097 χ^2/NDF :81419.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.472+/-0.066 χ^2/NDF : 239412.1/15

- 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: 144.999+/-49.378 χ^2/NDF : 11.2/8

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

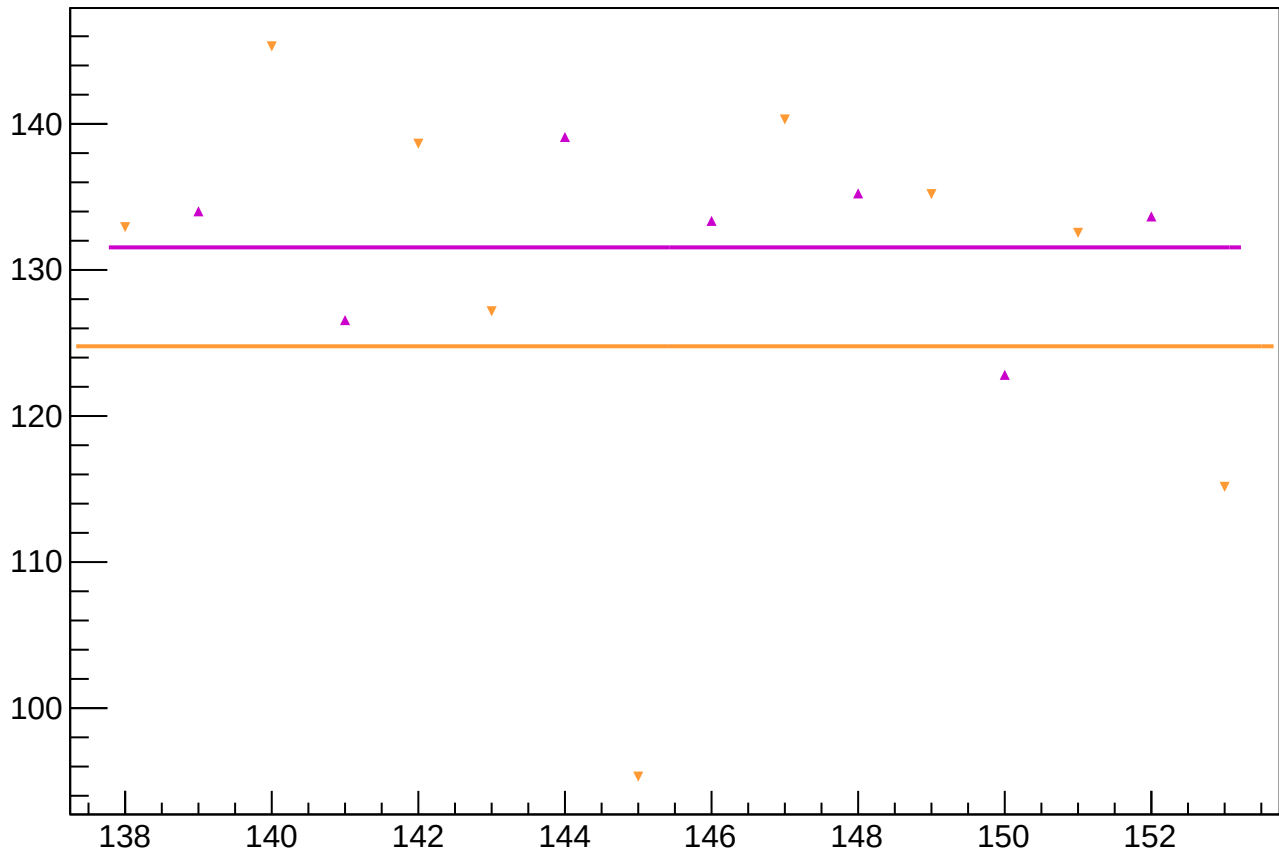
Left In: -114.959+/-55.172 χ^2/NDF : 2.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.380+/-36.794 χ^2/NDF : 26.1/15

- 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: 124.774+/-0.035 χ^2/NDF :229798.6/8

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

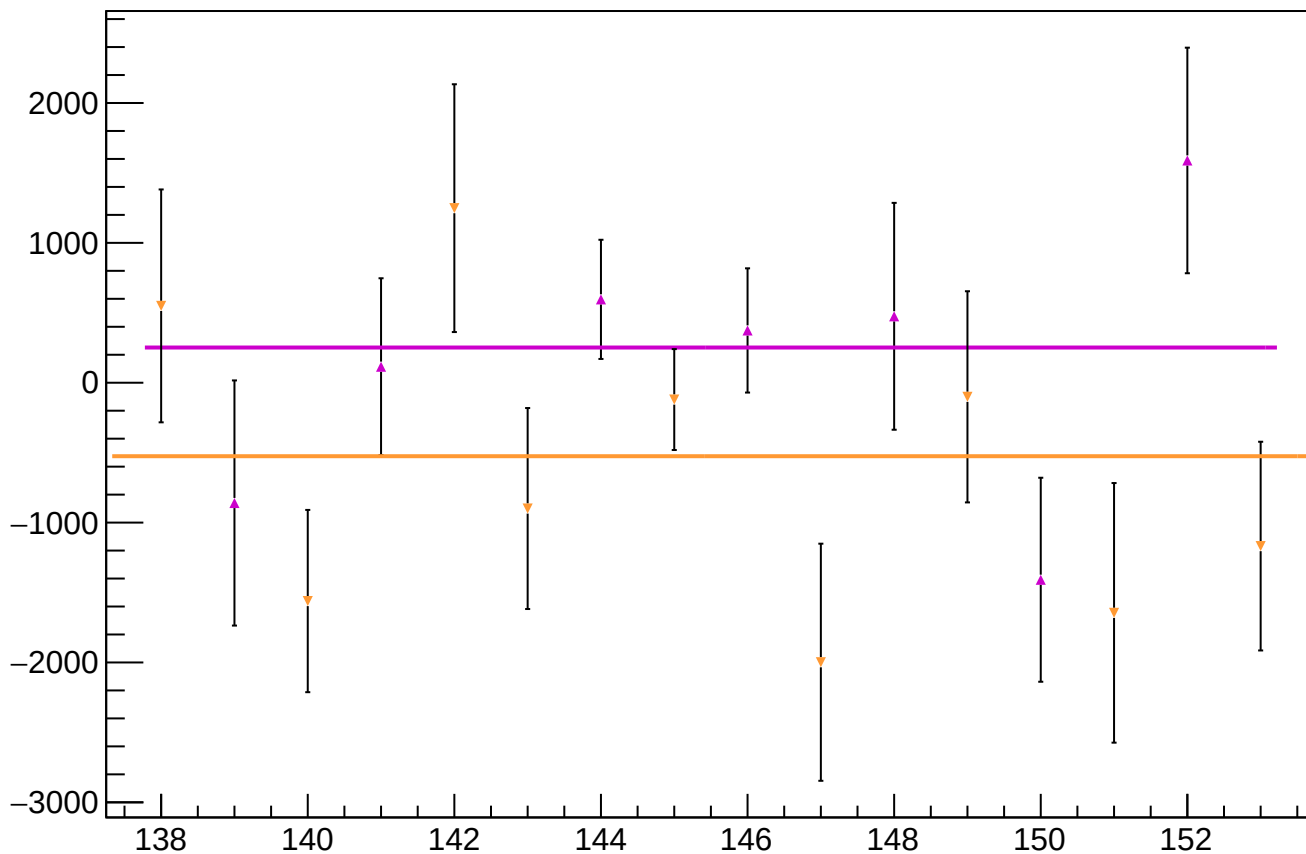
Left In: 131.547+/-0.039 χ^2/NDF :18419.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.786+/-0.026 χ^2/NDF : 264953.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -525.380 $\pm$ 219.274 χ^2 /NDF:15.3/8

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

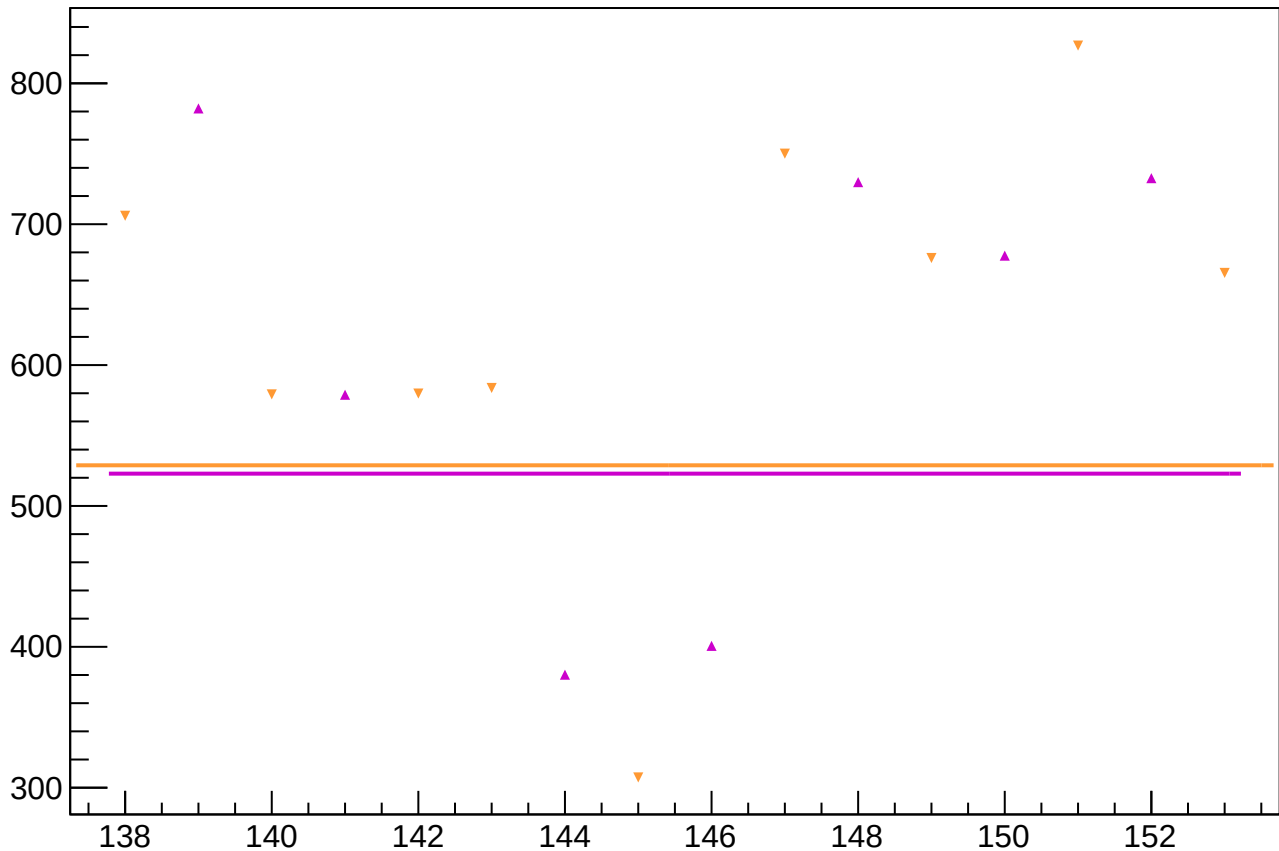
Left In: 251.703 $\pm$ 227.509 χ^2 /NDF:10.4/6

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

All: -151.157 $\pm$ 157.881 χ^2 /NDF: 31.7/15

- sign 0.000 $\pm$ 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: 528.861+/-0.155 χ^2/NDF :1360610.6/8

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

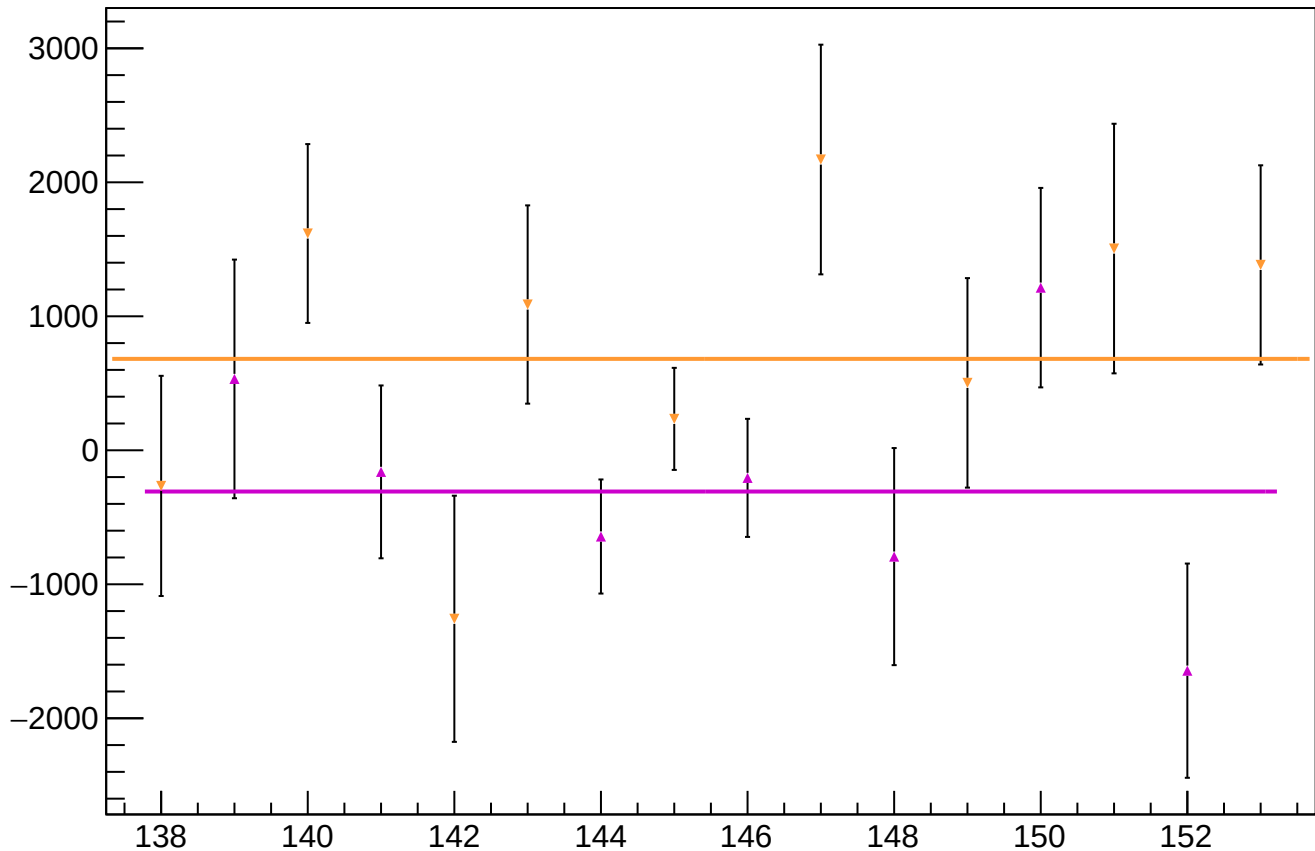
Left In: 522.931+/-0.161 χ^2/NDF :922212.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.005+/-0.112 χ^2/NDF : 2283527.3/15

- 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: 682.300+/-225.910 χ^2/NDF :14.2/8

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

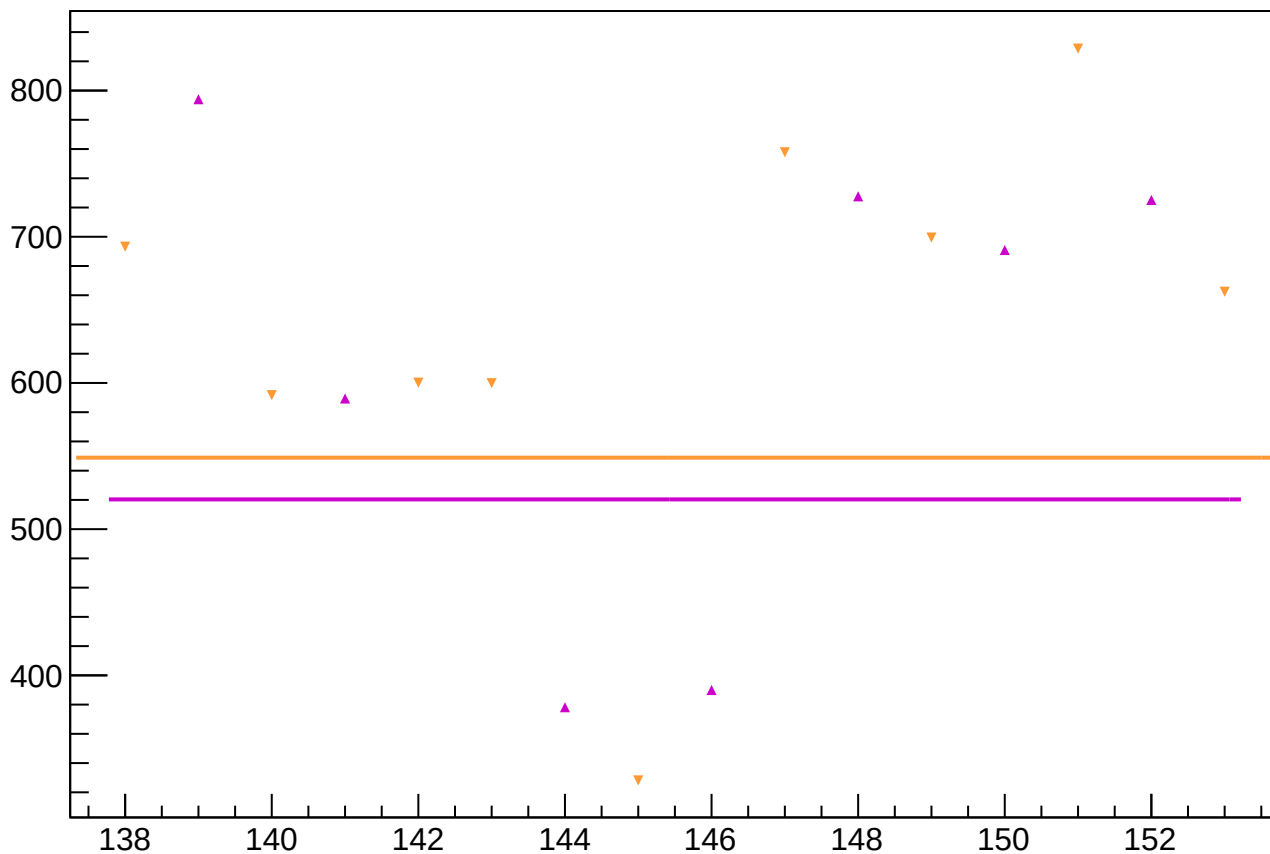
Left In: -307.789+/-228.075 χ^2/NDF :9.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.977+/-160.502 χ^2/NDF : 32.6/15

- 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: 548.903+/-0.160 χ^2/NDF :1177806.1/8

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

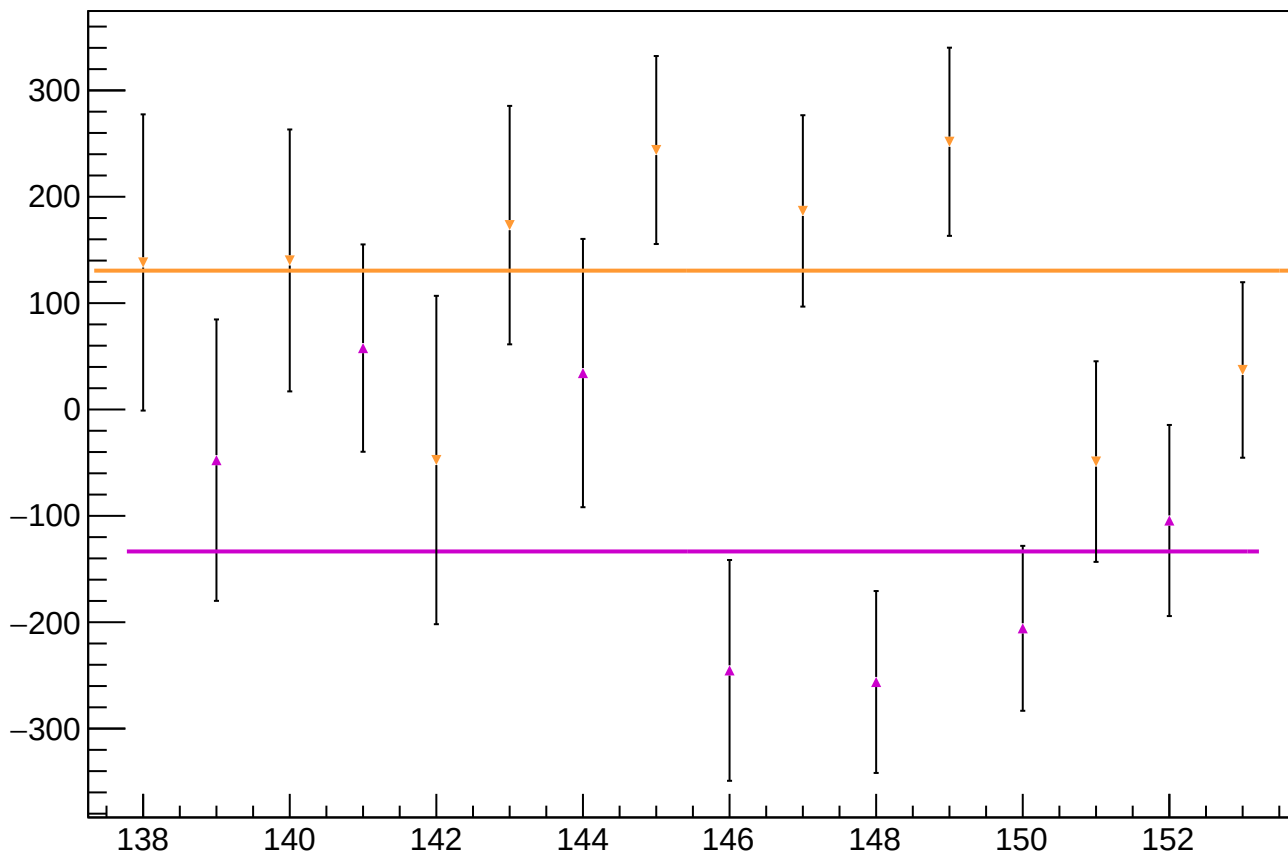
Left In: 520.354+/-0.161 χ^2/NDF :977179.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.764+/-0.113 χ^2/NDF : 2170803.1/15

- 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: 130.547+/-33.753 χ^2/NDF :10.3/8

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

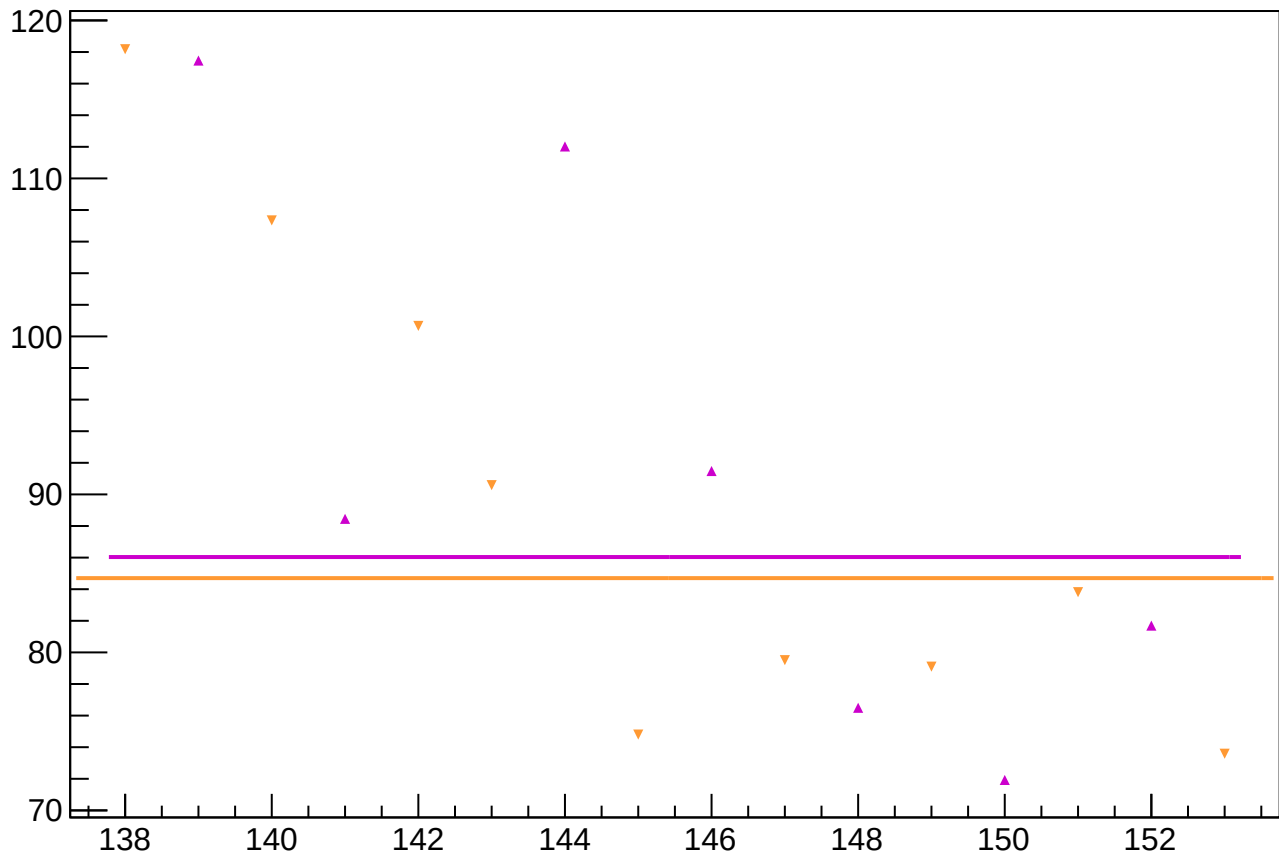
Left In: -133.470+/-36.635 χ^2/NDF :10.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.331+/-24.823 χ^2/NDF : 48.6/15

- 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: 84.701+/-0.024 χ^2/NDF : 286370.5/8

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

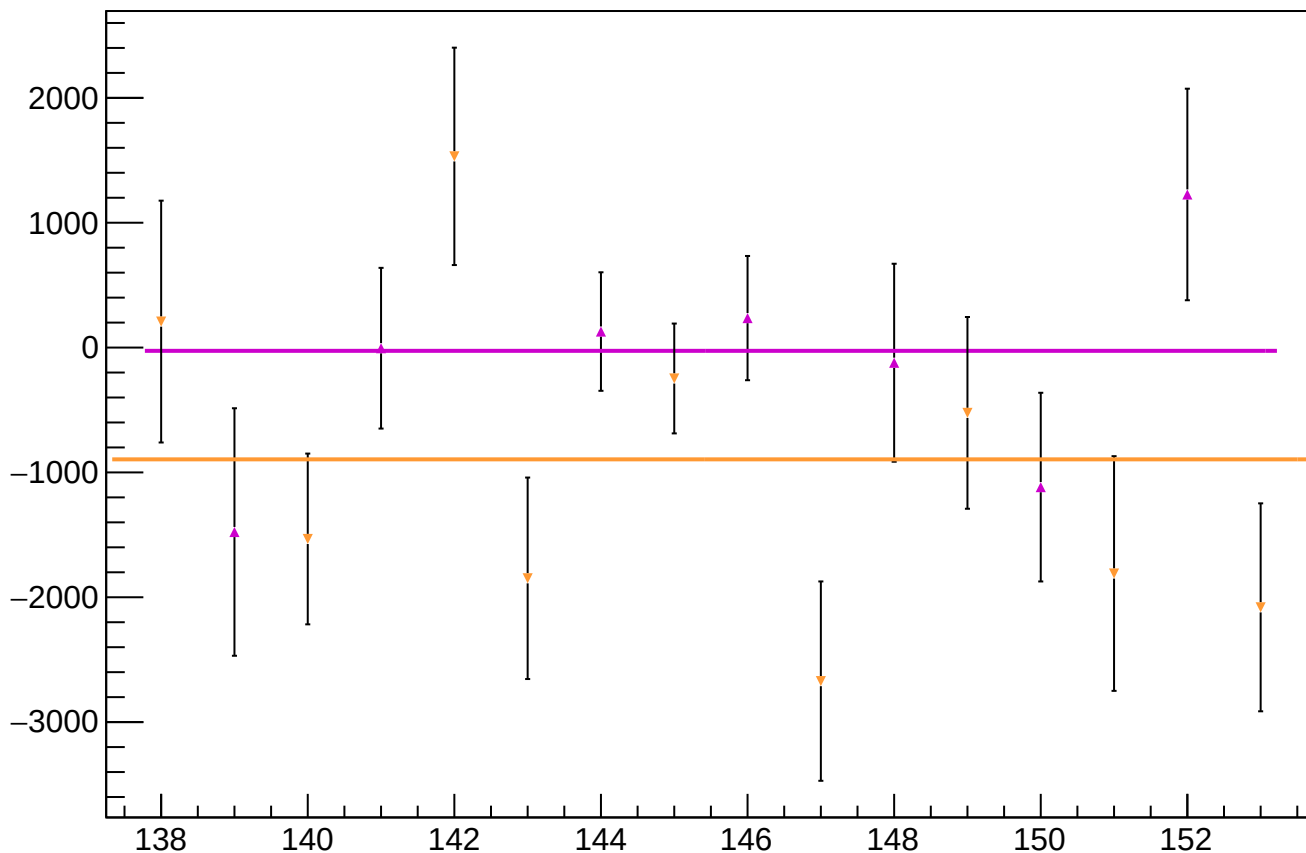
Left In: 86.036+/-0.026 χ^2/NDF : 300282.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.314+/-0.018 χ^2/NDF : 588088.7/15

- 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: -895.371+/-242.082 χ^2/NDF : 21.7/8

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

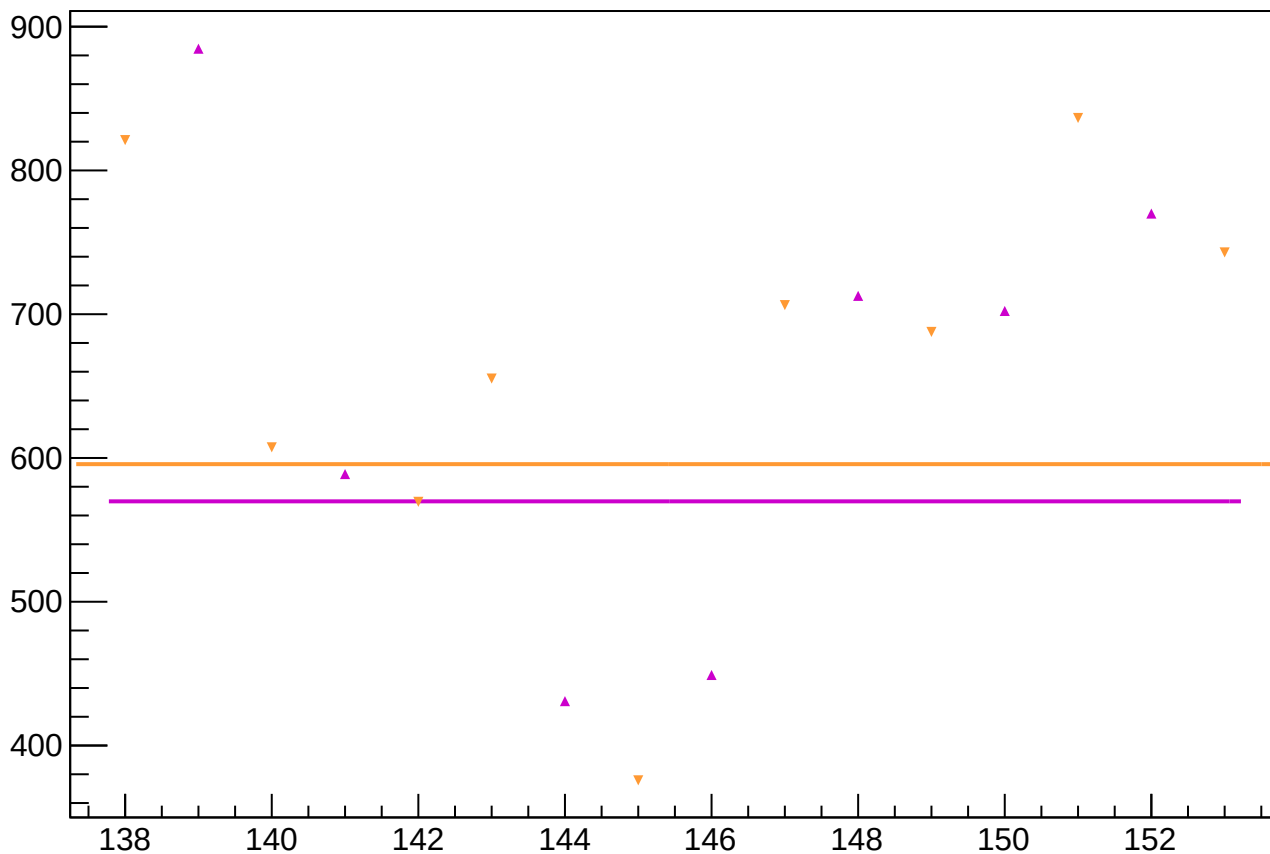
Left In: -26.187+/-245.133 χ^2/NDF : 6.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -466.222+/-172.246 χ^2/NDF : 34.8/15

- 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: 595.710+/-0.171 χ^2/NDF : 882301.4/8

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

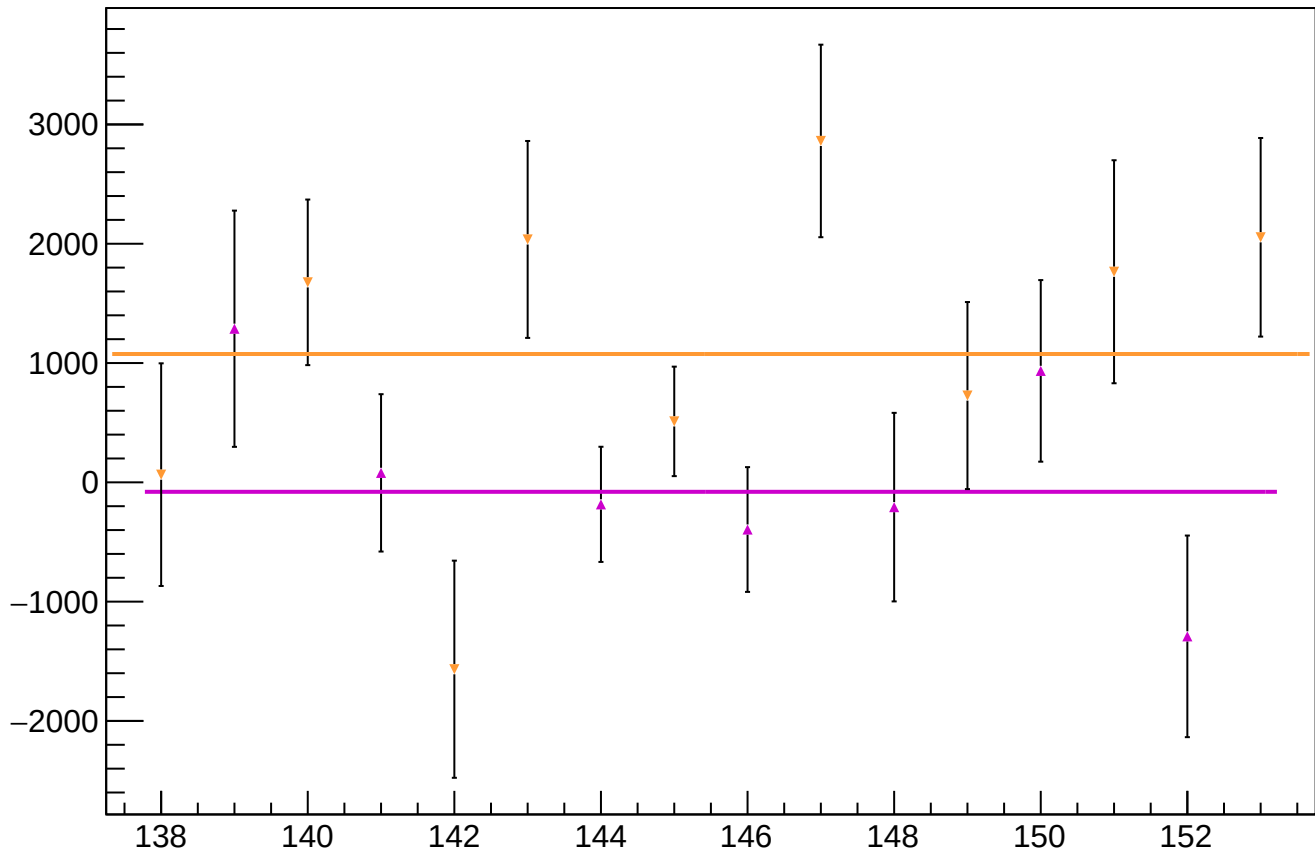
Left In: 569.834+/-0.173 χ^2/NDF : 730712.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.934+/-0.122 χ^2/NDF : 1624295.6/15

- 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: 1075.747+/-246.933 χ^2/NDF :20.2/8

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

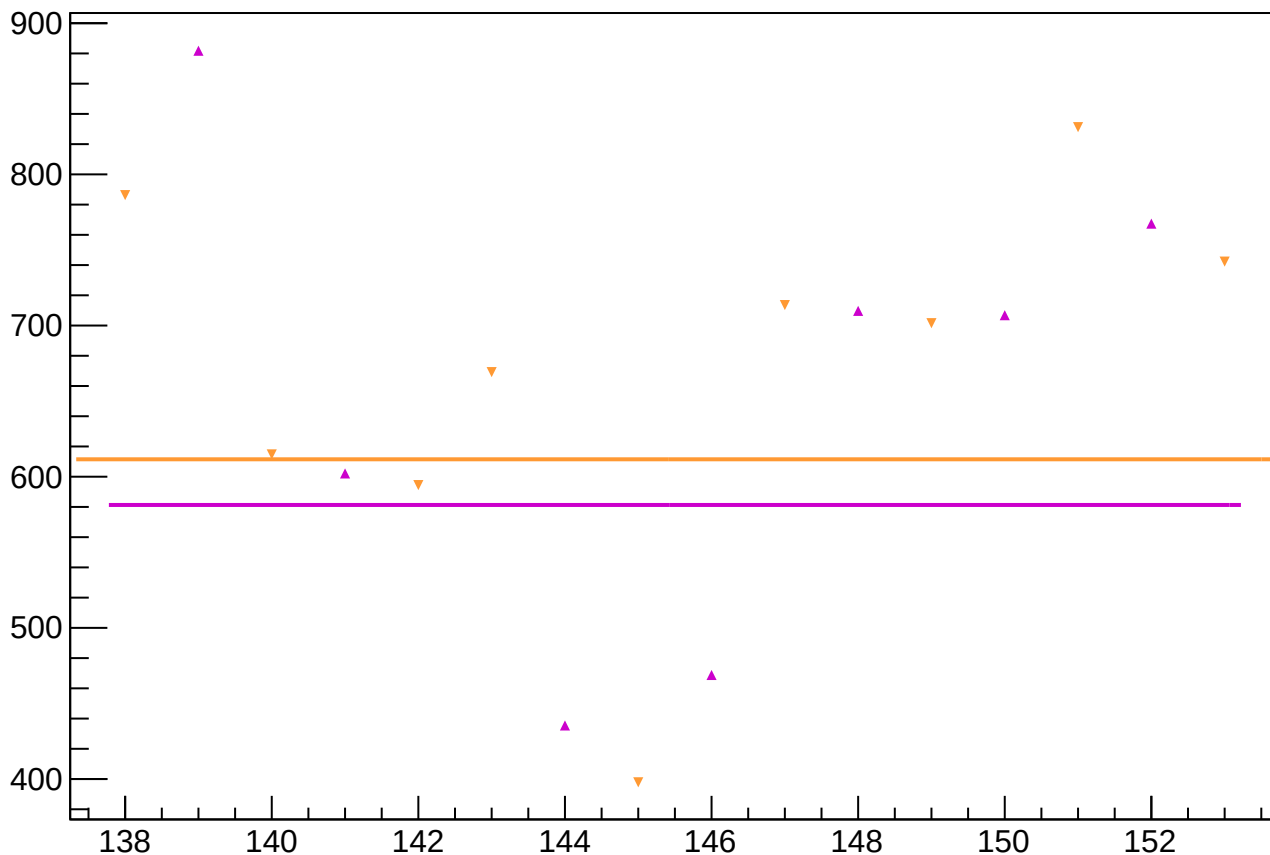
Left In: -79.395+/-250.025 χ^2/NDF :6.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.363+/-175.691 χ^2/NDF : 37.3/15

- 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: 611.515+/-0.175 χ^2/NDF : 732578.5/8

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

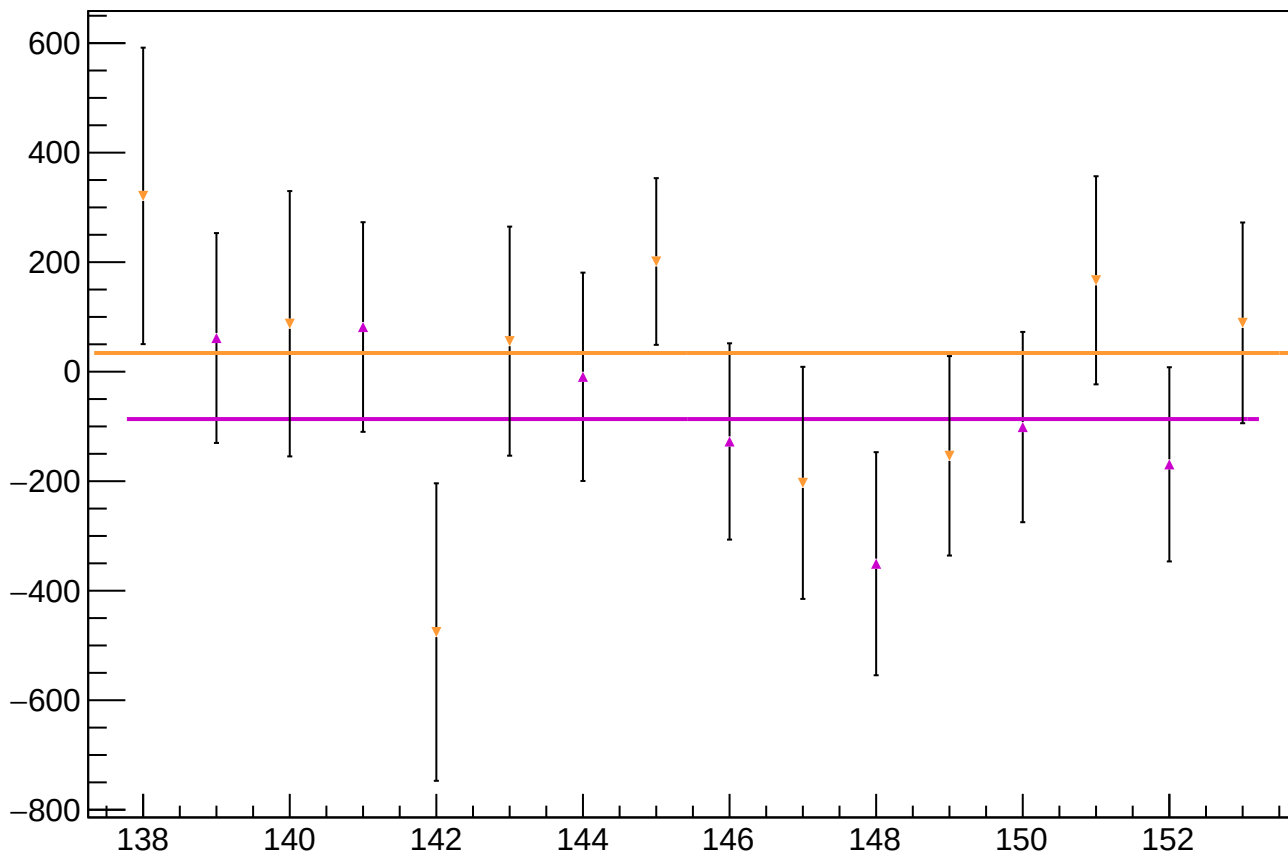
Left In: 581.307+/-0.177 χ^2/NDF : 665612.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.598+/-0.124 χ^2/NDF : 1412969.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 34.113+/-67.400 χ^2/NDF : 8.8/8

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

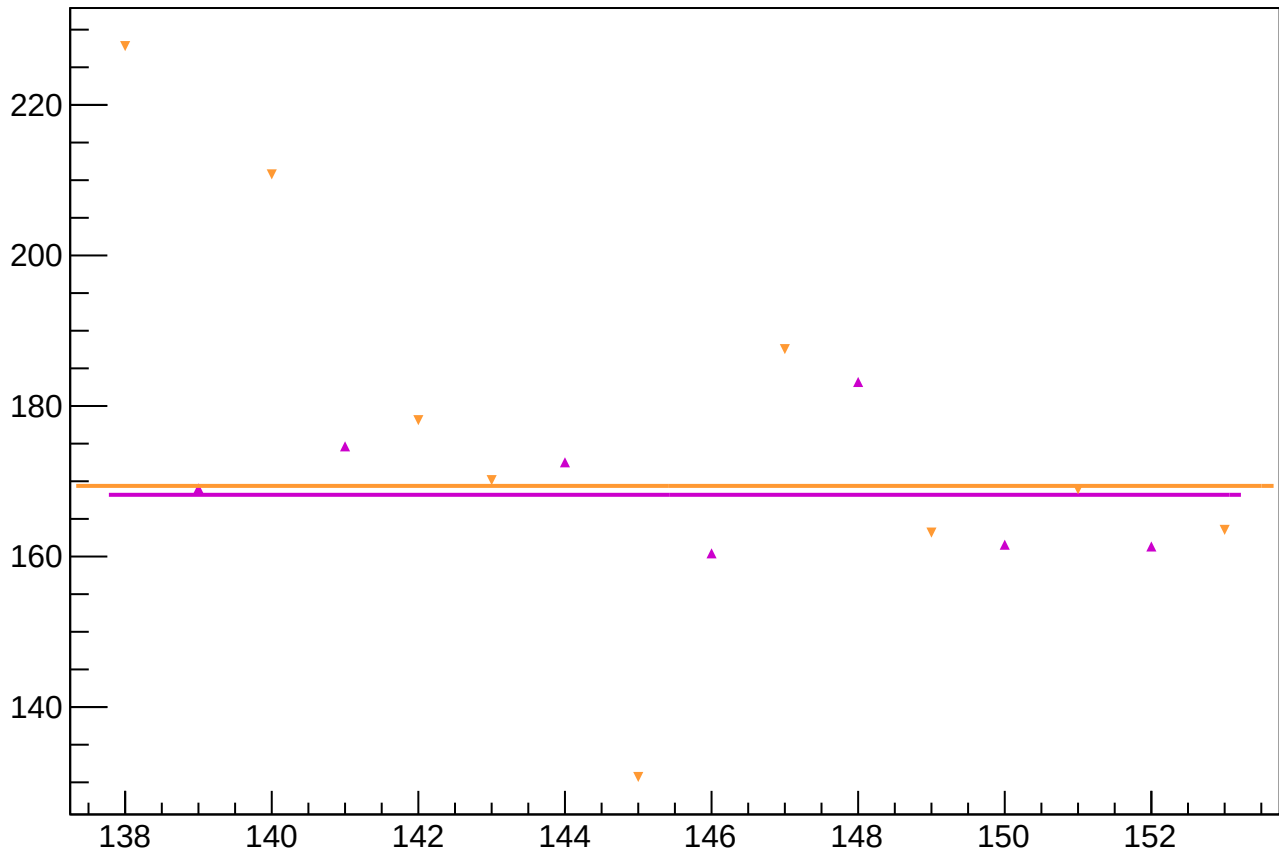
Left In: -86.534+/-70.305 χ^2/NDF : 3.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.667+/-48.654 χ^2/NDF : 13.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 169.384+/-0.048 χ^2/NDF : 301810.0/8

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

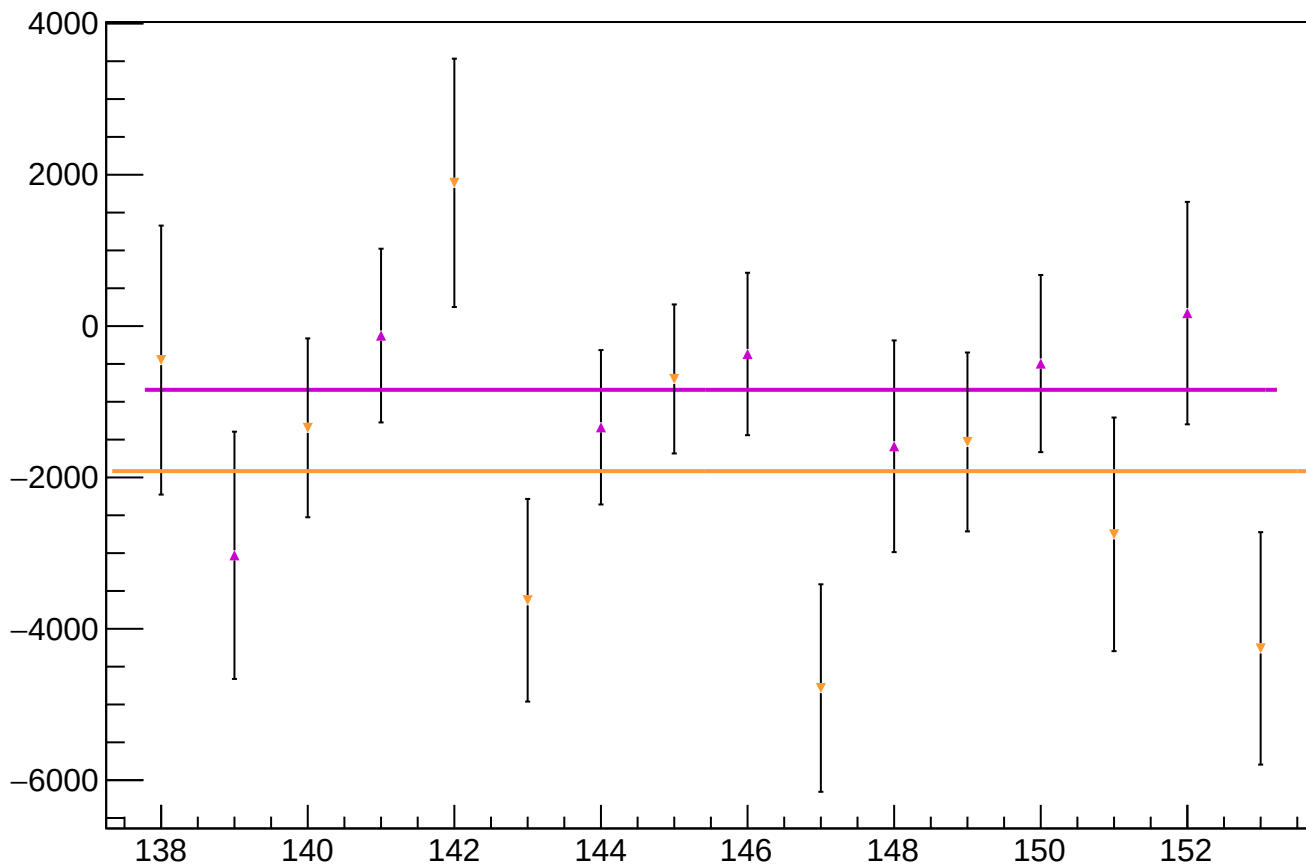
Left In: 168.200+/-0.050 χ^2/NDF : 23837.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.817+/-0.034 χ^2/NDF : 325942.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -1916.272+/-443.452 χ^2/NDF :16.6/8

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

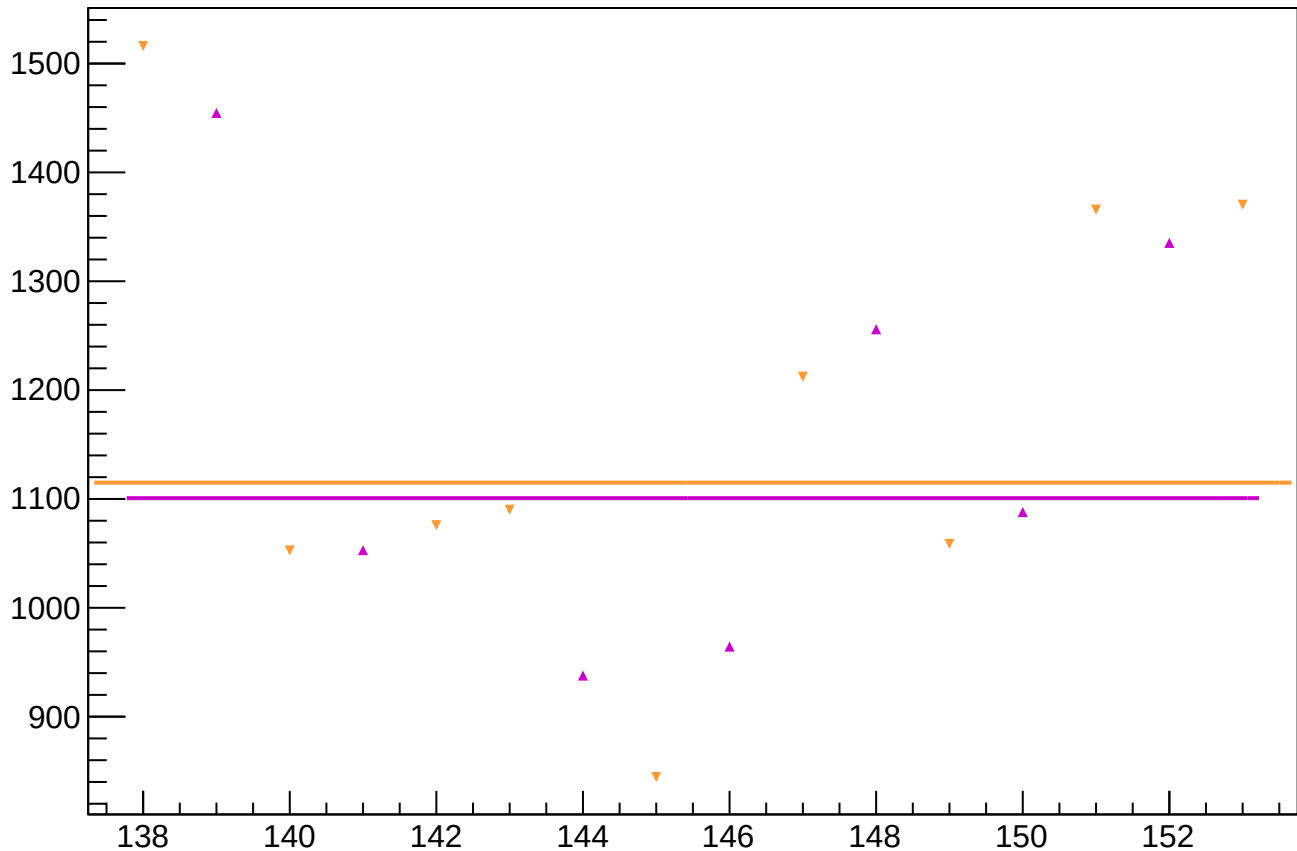
Left In: -841.801+/-462.858 χ^2/NDF :3.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1402.033+/-320.209 χ^2/NDF : 22.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1114.983+/-0.314 χ^2/NDF : 382818.6/8

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

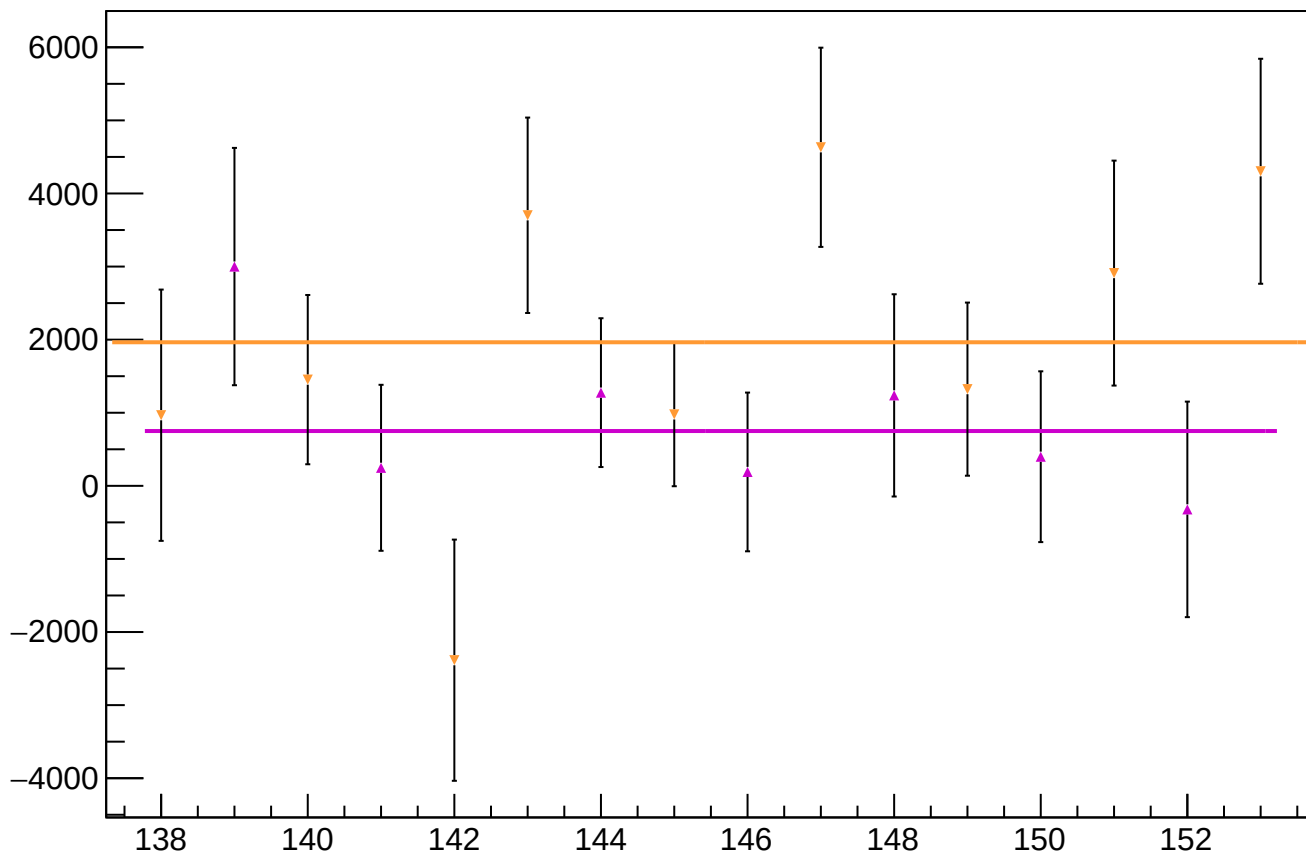
Left In: 1100.728+/-0.327 χ^2/NDF : 256443.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.161+/-0.226 χ^2/NDF : 640251.3/15

- 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: 1964.269+/-440.985 χ^2/NDF : 17.0/8

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

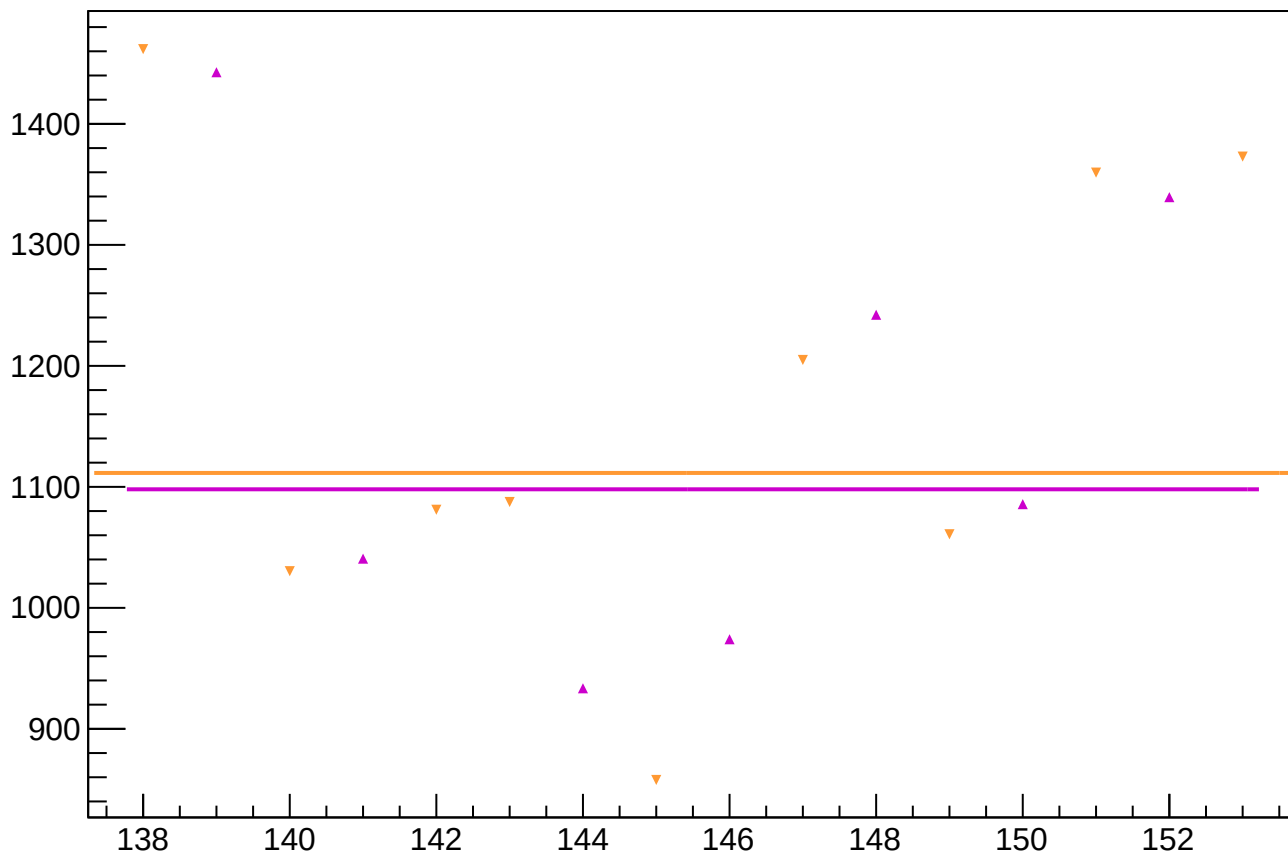
Left In: 749.891+/-462.082 χ^2/NDF : 3.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.434+/-319.021 χ^2/NDF : 24.0/15

- 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: 1111.510+/-0.312 χ^2/NDF : 350341.6/8

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

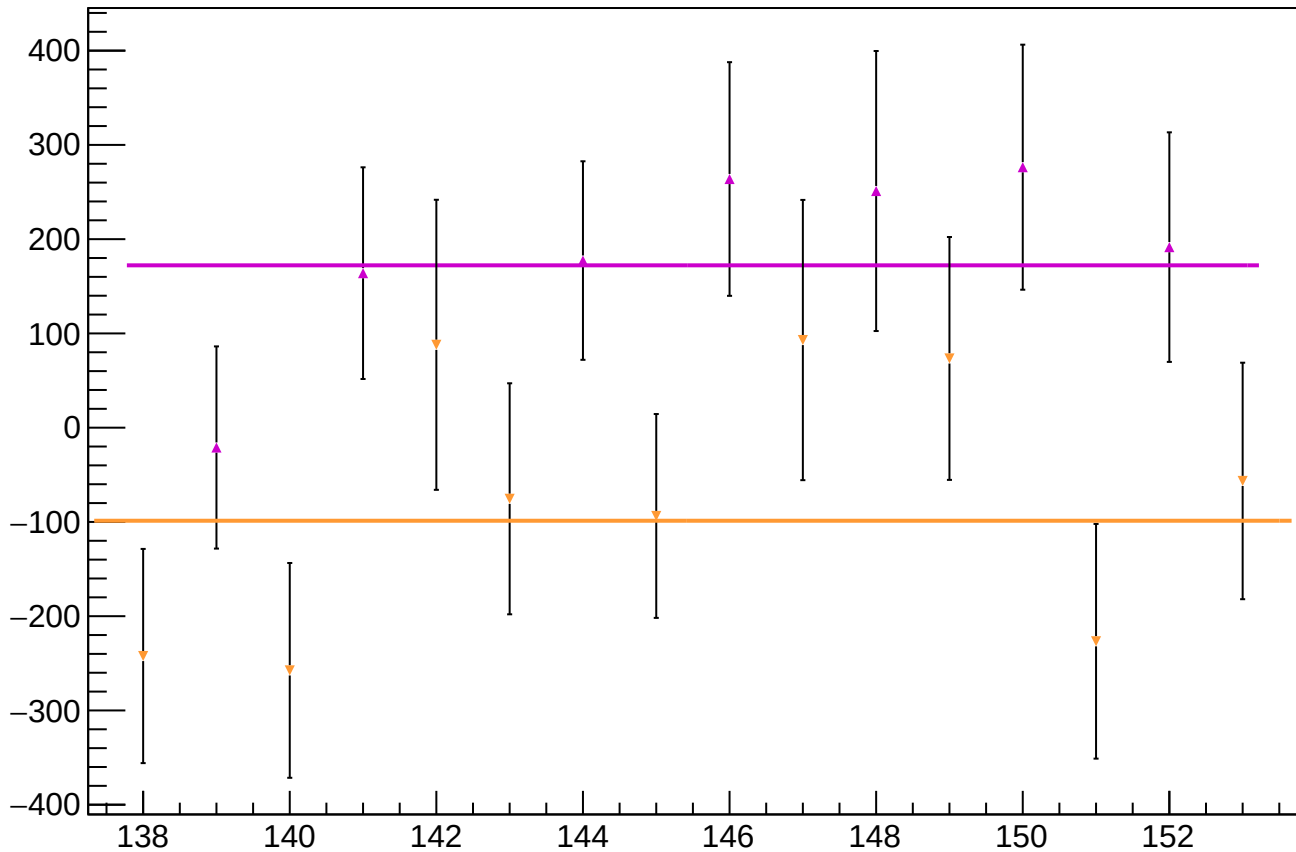
Left In: 1097.988+/-0.327 χ^2/NDF : 249133.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.065+/-0.226 χ^2/NDF : 600371.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -98.736+/-41.439 χ^2/NDF : 9.7/8

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

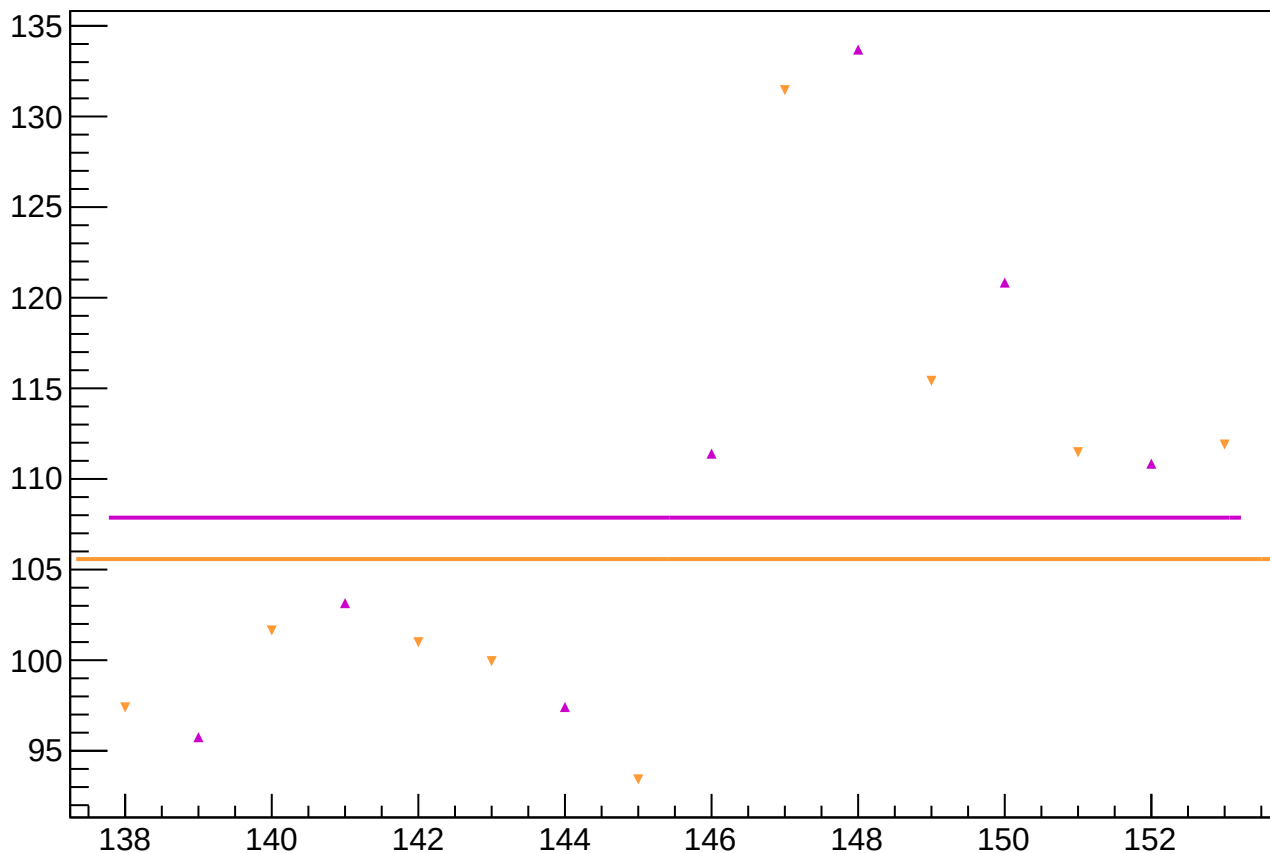
Left In: 172.234+/-45.019 χ^2/NDF : 4.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.549+/-30.489 χ^2/NDF : 34.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 105.579+/-0.029 χ^2/NDF :125840.4/8

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

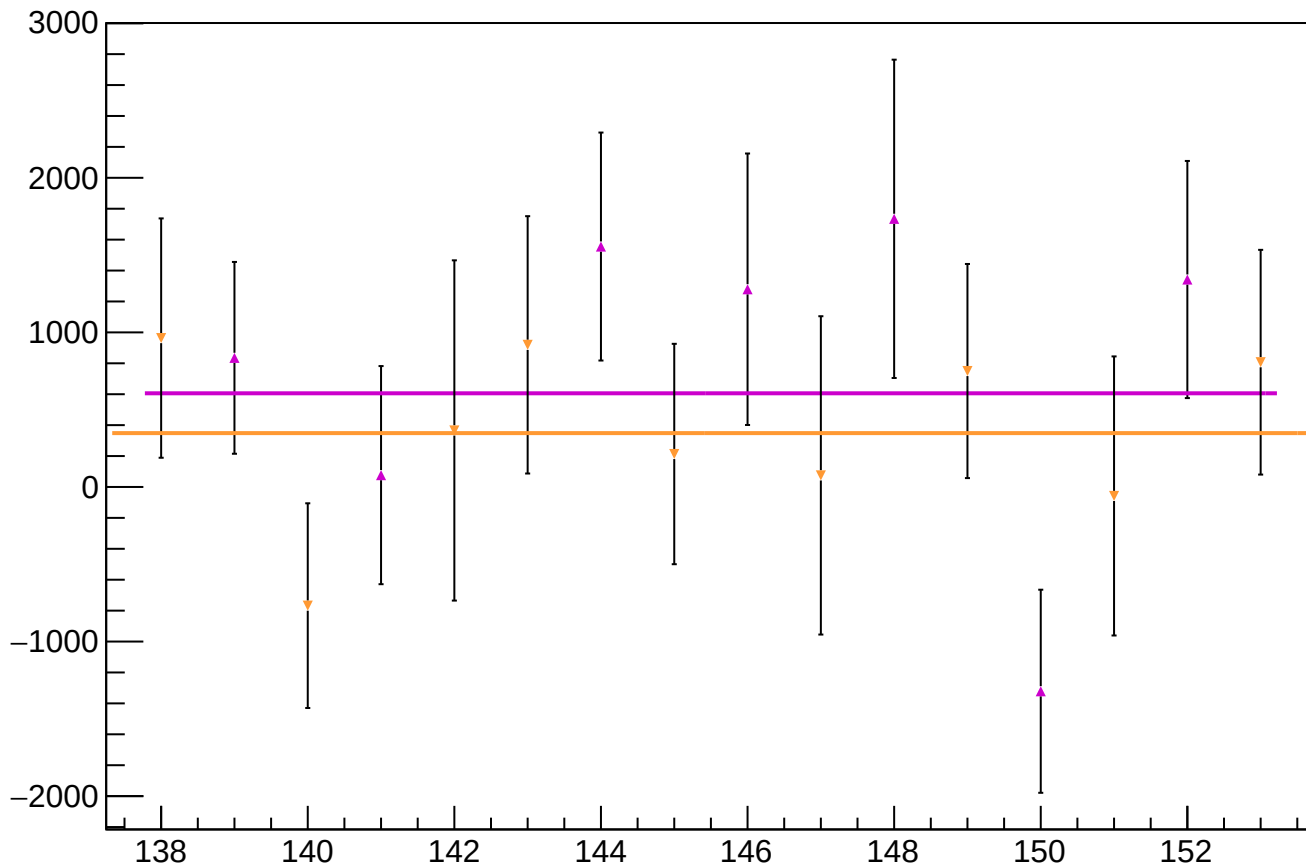
Left In: 107.865+/-0.032 χ^2/NDF :131911.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.627+/-0.022 χ^2/NDF : 260543.5/15

- 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: 348.422+/-264.127 χ^2/NDF : 5.0/8

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

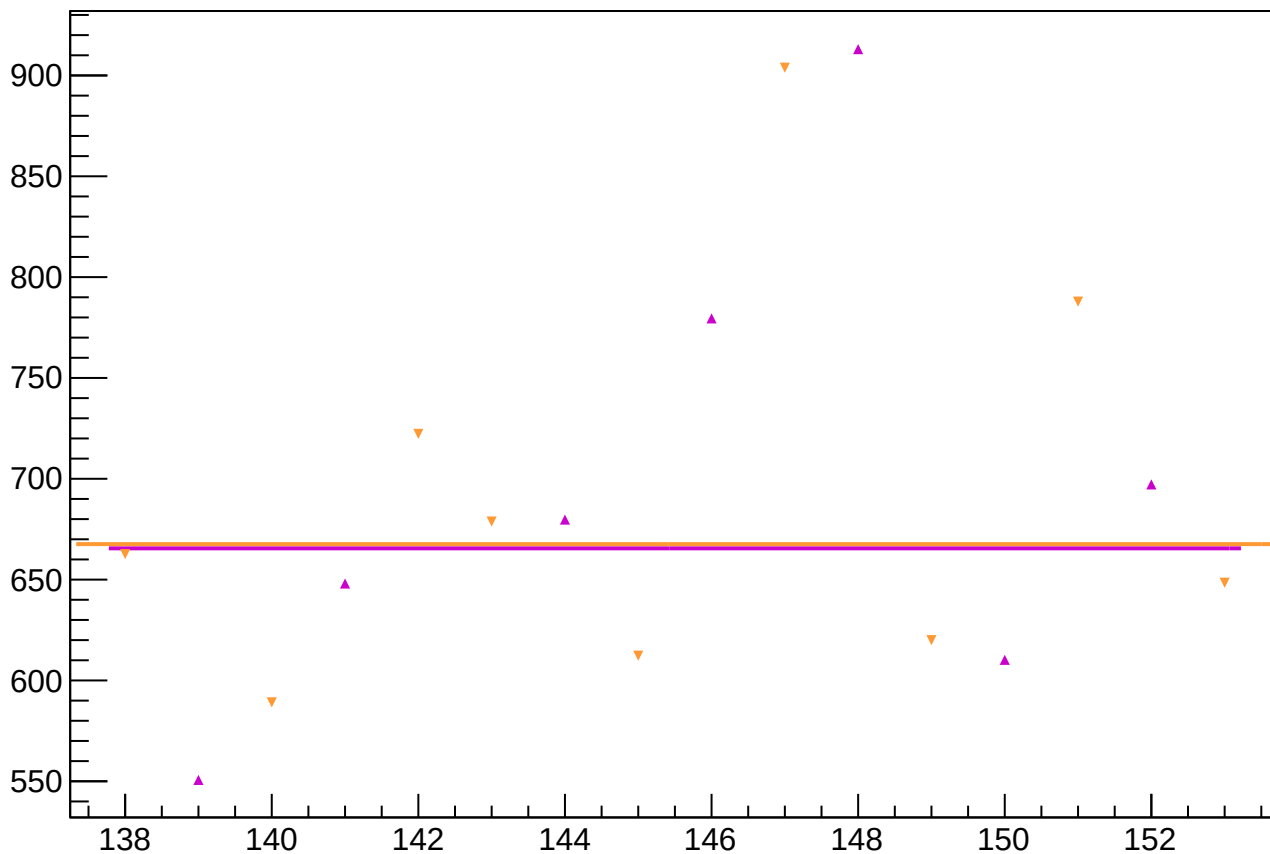
Left In: 605.967+/-280.567 χ^2/NDF : 13.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.429+/-192.315 χ^2/NDF : 19.1/15

- 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: 667.604+/-0.187 χ^2/NDF : 197131.3/8

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

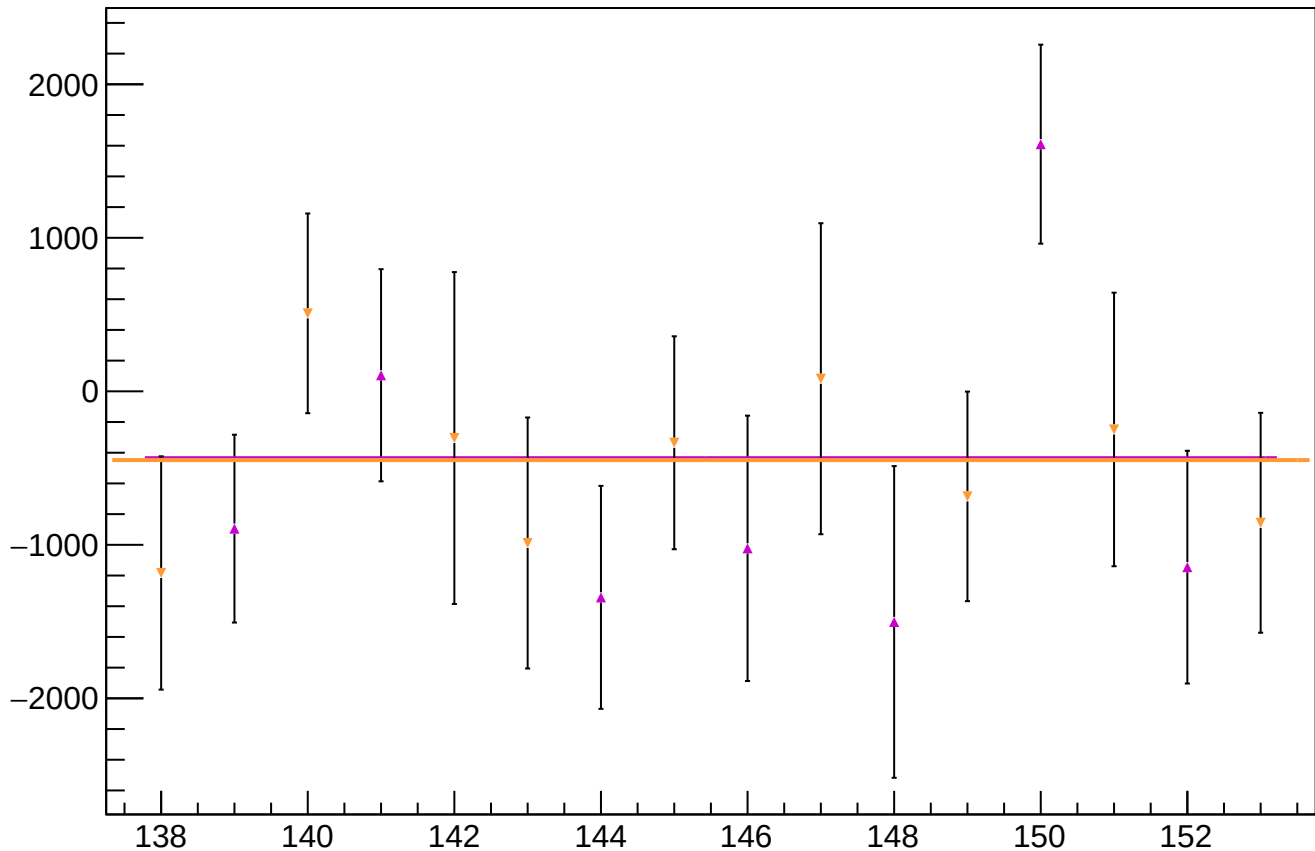
Left In: 665.512+/-0.198 χ^2/NDF : 237398.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.621+/-0.136 χ^2/NDF : 434588.6/15

- 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: -448.002+/-259.447 χ^2/NDF : 4.3/8

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

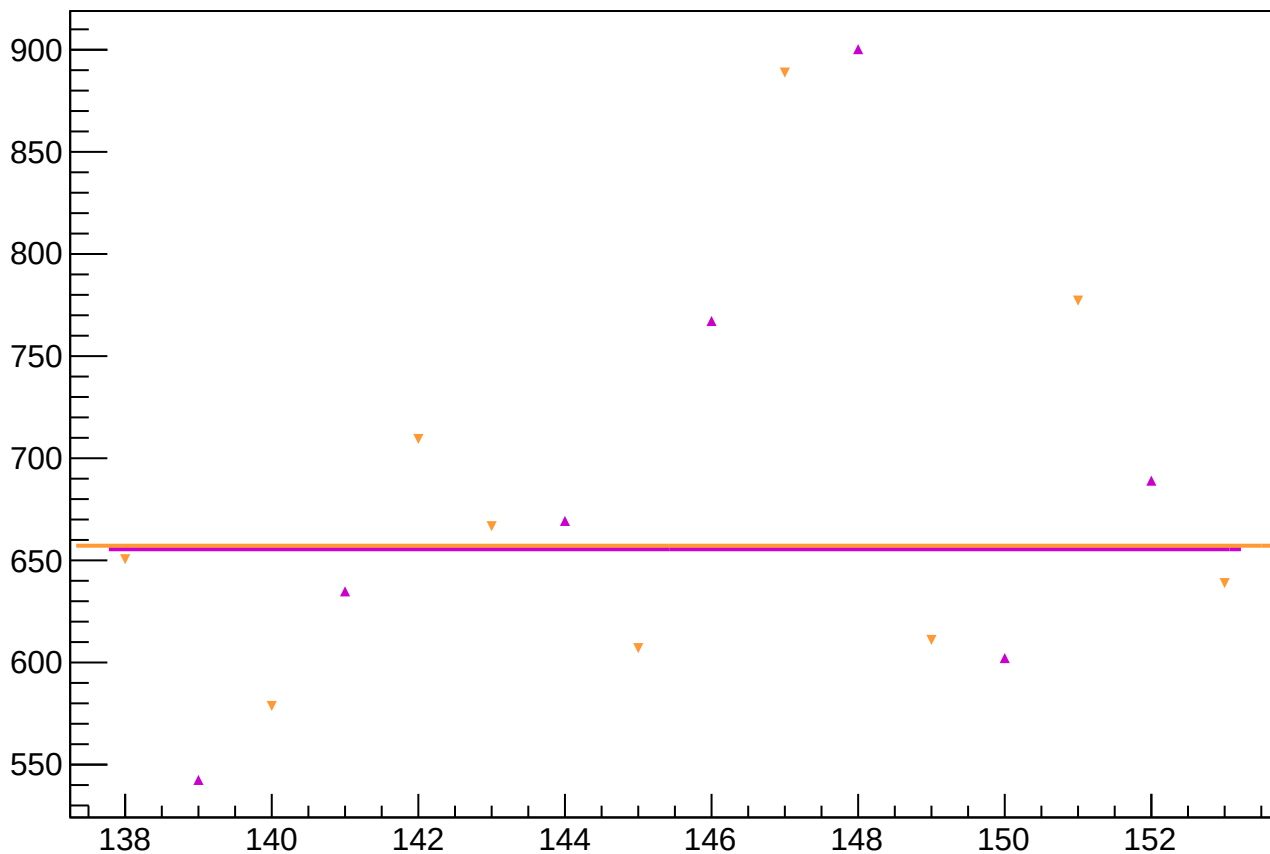
Left In: -435.696+/-276.396 χ^2/NDF : 15.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.238+/-189.165 χ^2/NDF : 19.5/15

- 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: 657.182+/-0.183 χ^2/NDF :195968.2/8

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

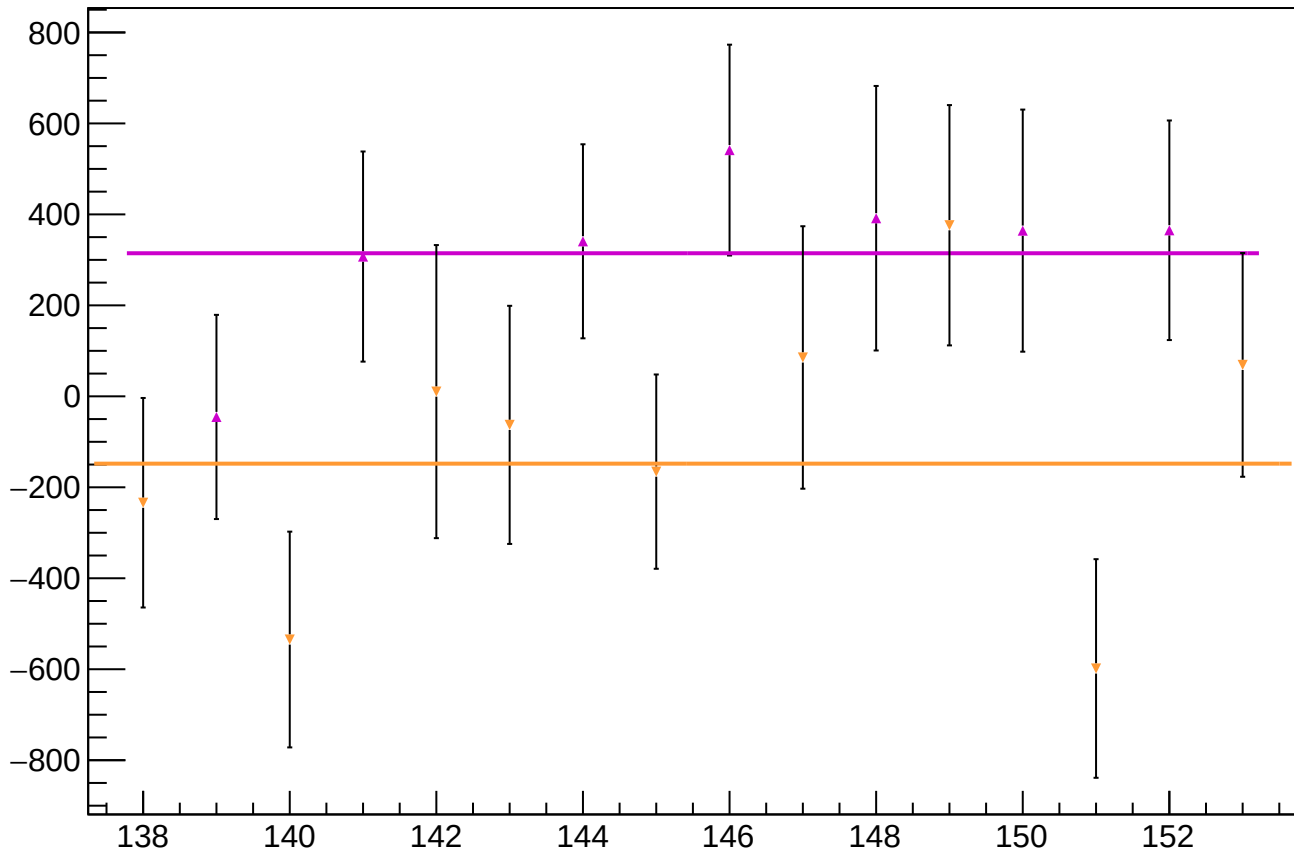
Left In: 655.454+/-0.195 χ^2/NDF :237861.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 656.373+/-0.134 χ^2/NDF : 433870.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -148.017+/-83.636 χ^2/NDF : 12.0/8

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

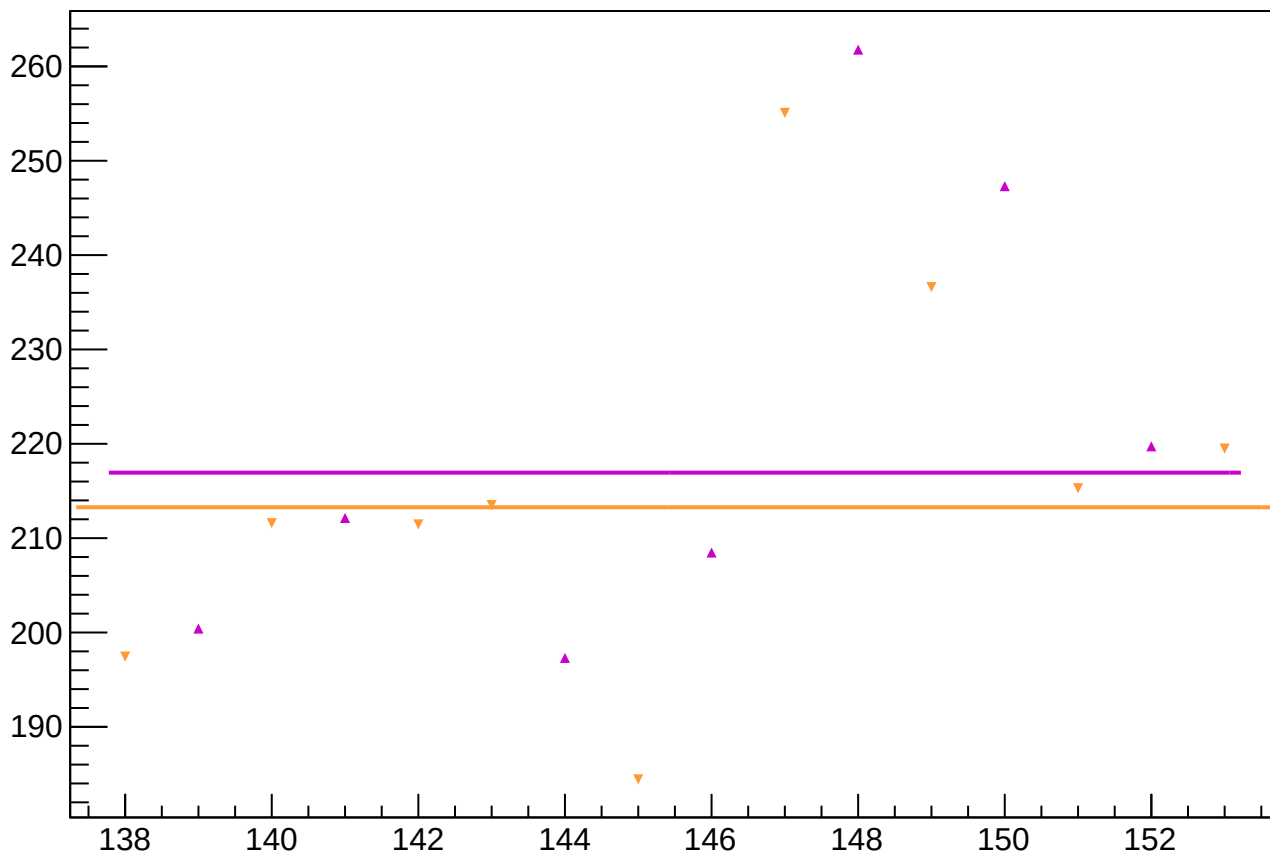
Left In: 314.570+/-90.428 χ^2/NDF : 3.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.253+/-61.401 χ^2/NDF : 29.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 213.271+/-0.059 χ^2/NDF :105064.9/8

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

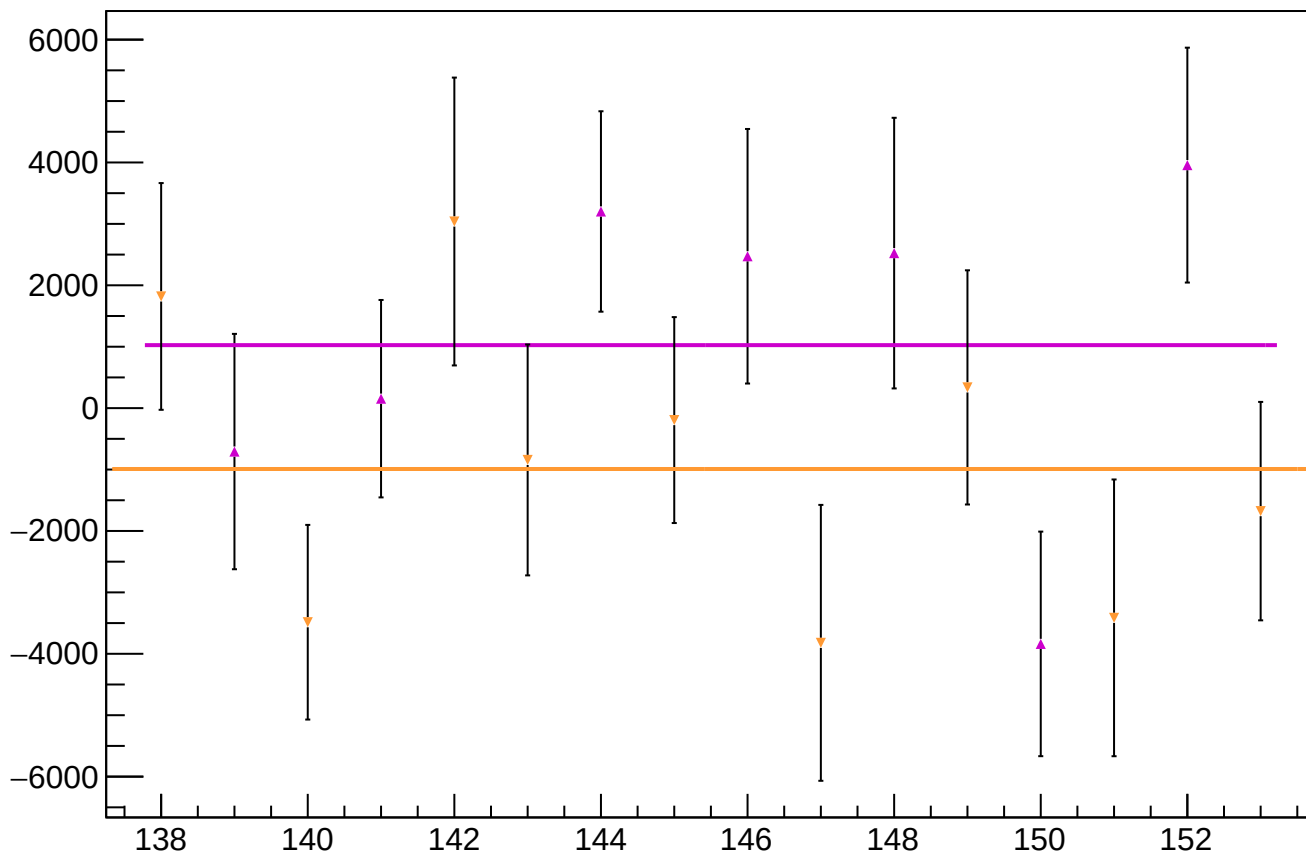
Left In: 216.942+/-0.064 χ^2/NDF :105166.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.964+/-0.043 χ^2/NDF : 212007.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -991.042+/-632.574 χ^2/NDF : 11.4/8

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

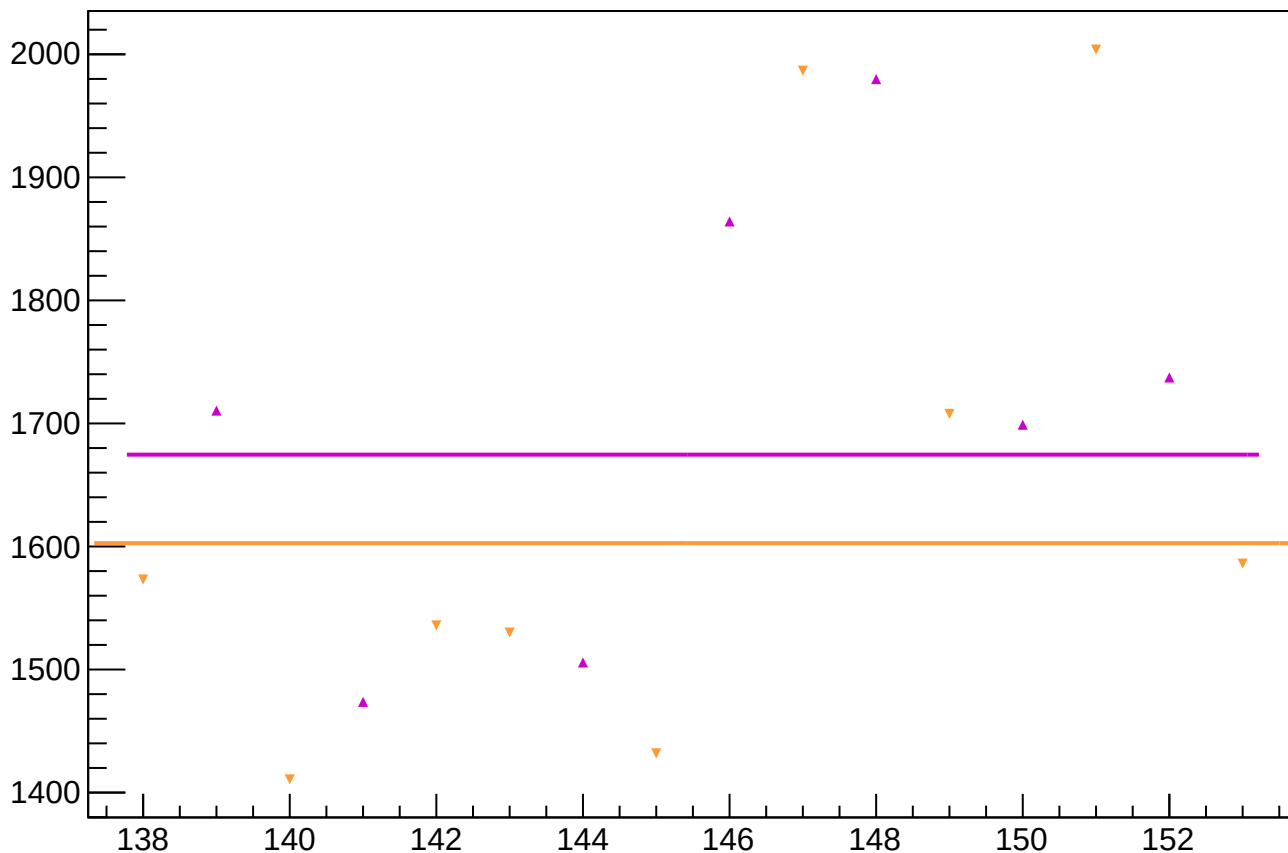
Left In: 1025.650+/-699.011 χ^2/NDF : 13.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.066+/-469.031 χ^2/NDF : 29.2/15

- 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: 1602.746+/-0.447 χ^2/NDF :183350.7/8

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

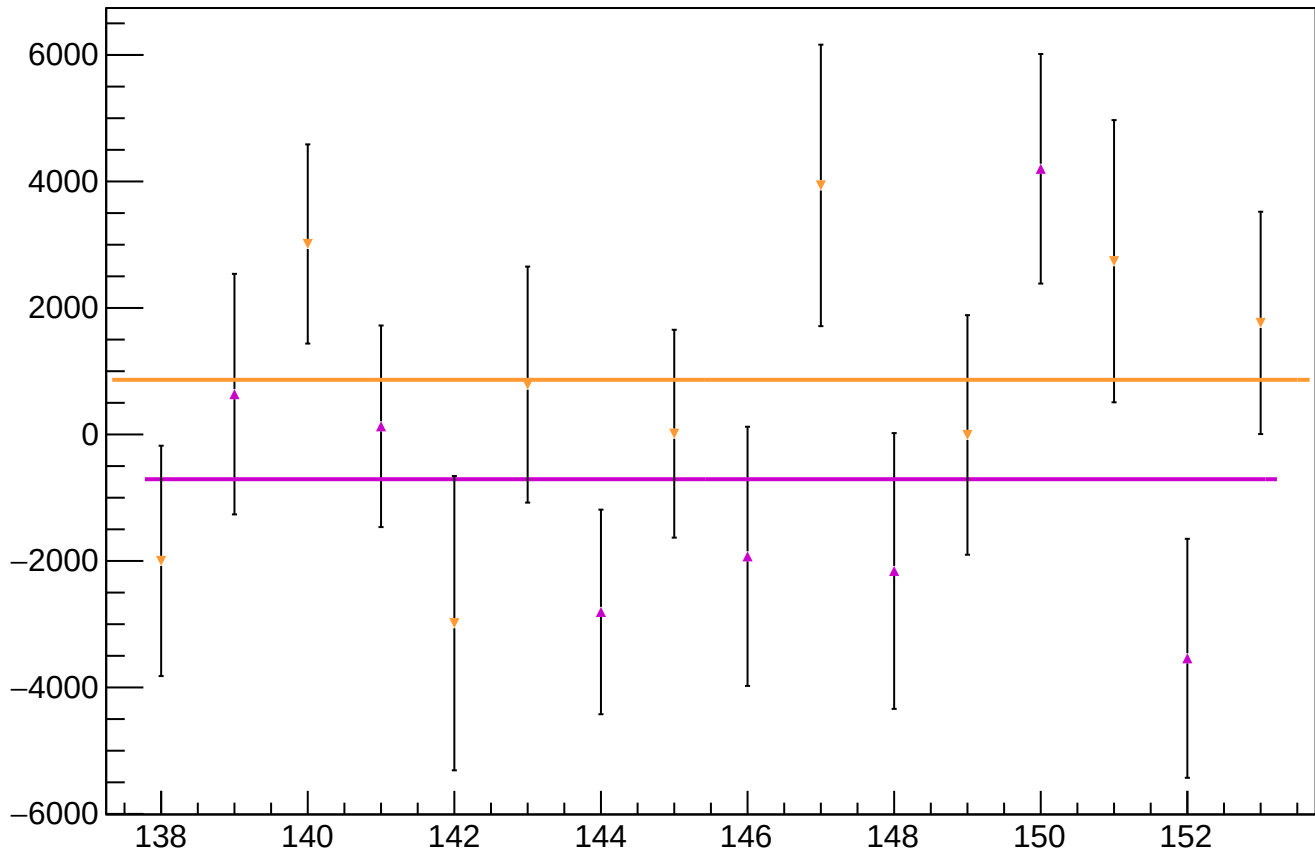
Left In: 1674.640+/-0.494 χ^2/NDF :111004.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.115+/-0.332 χ^2/NDF : 305986.4/15

- 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: 864.177+/-625.914 χ^2/NDF :10.4/8

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

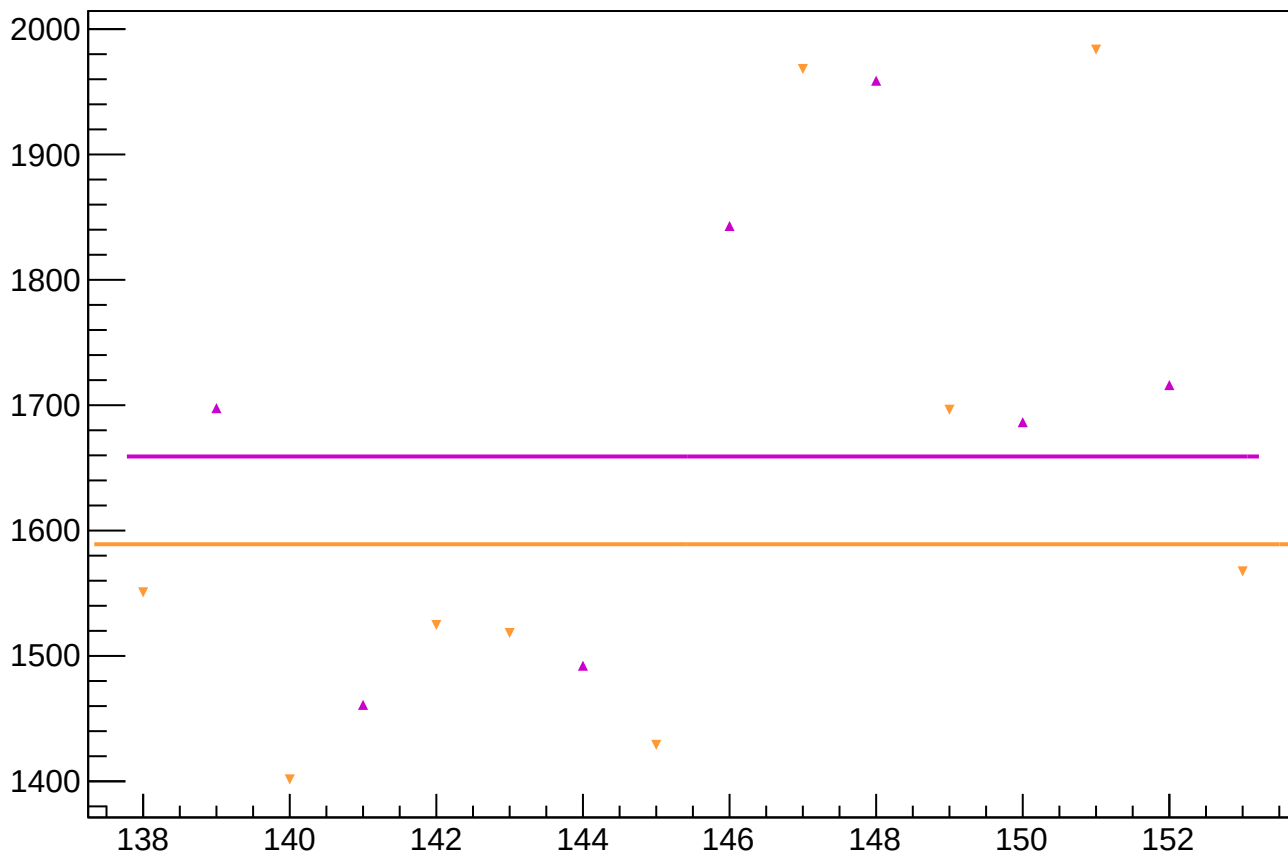
Left In: -707.665+/-692.539 χ^2/NDF :12.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.484+/-464.361 χ^2/NDF : 26.1/15

- 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: 1589.096+/-0.443 χ^2/NDF :179955.8/8

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

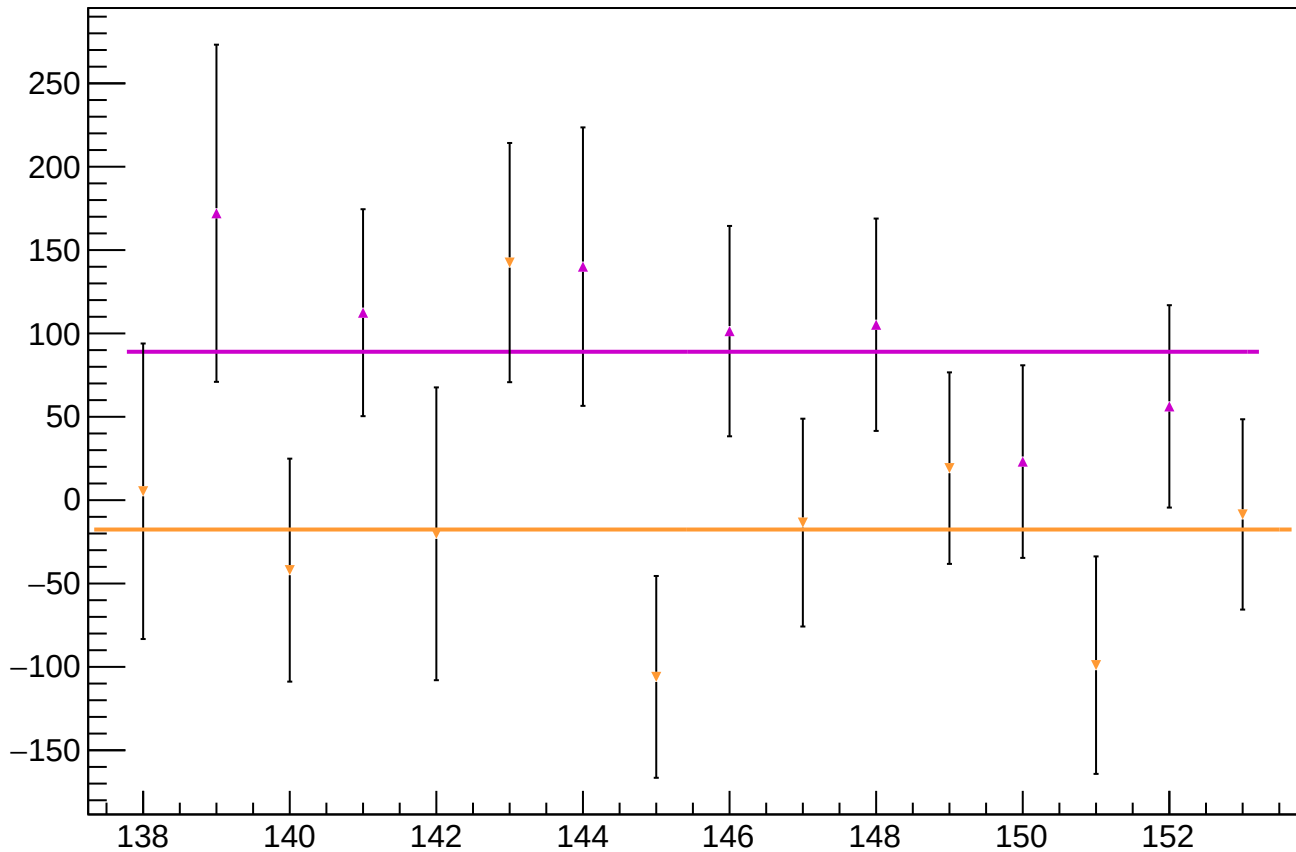
Left In: 1659.099+/-0.490 χ^2/NDF :109225.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.569+/-0.328 χ^2/NDF : 300428.5/15

- 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: -17.606+/-22.084 χ^2/NDF : 9.3/8

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

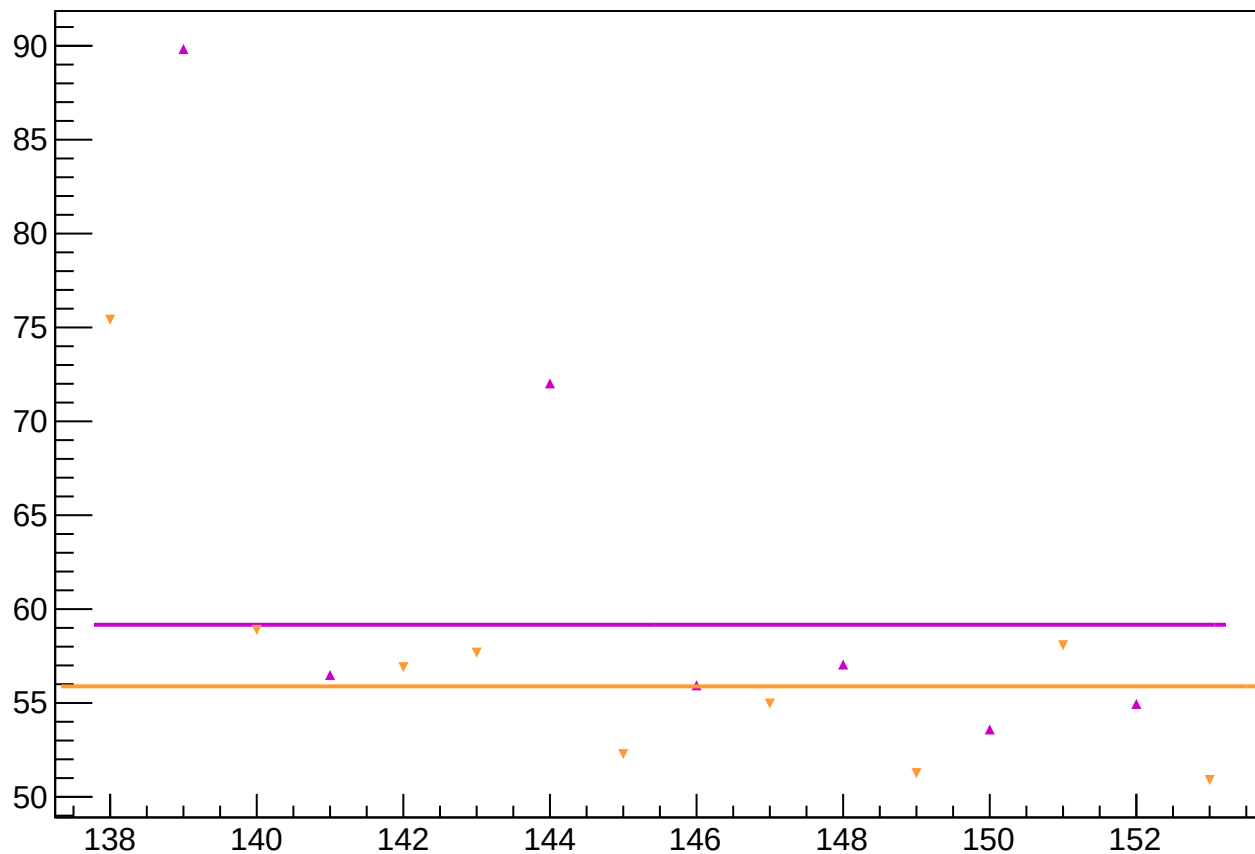
Left In: 89.010+/-25.239 χ^2/NDF : 2.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.624+/-16.620 χ^2/NDF : 22.3/15

- 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: 55.885+/-0.016 χ^2/NDF : 140674.6/8

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

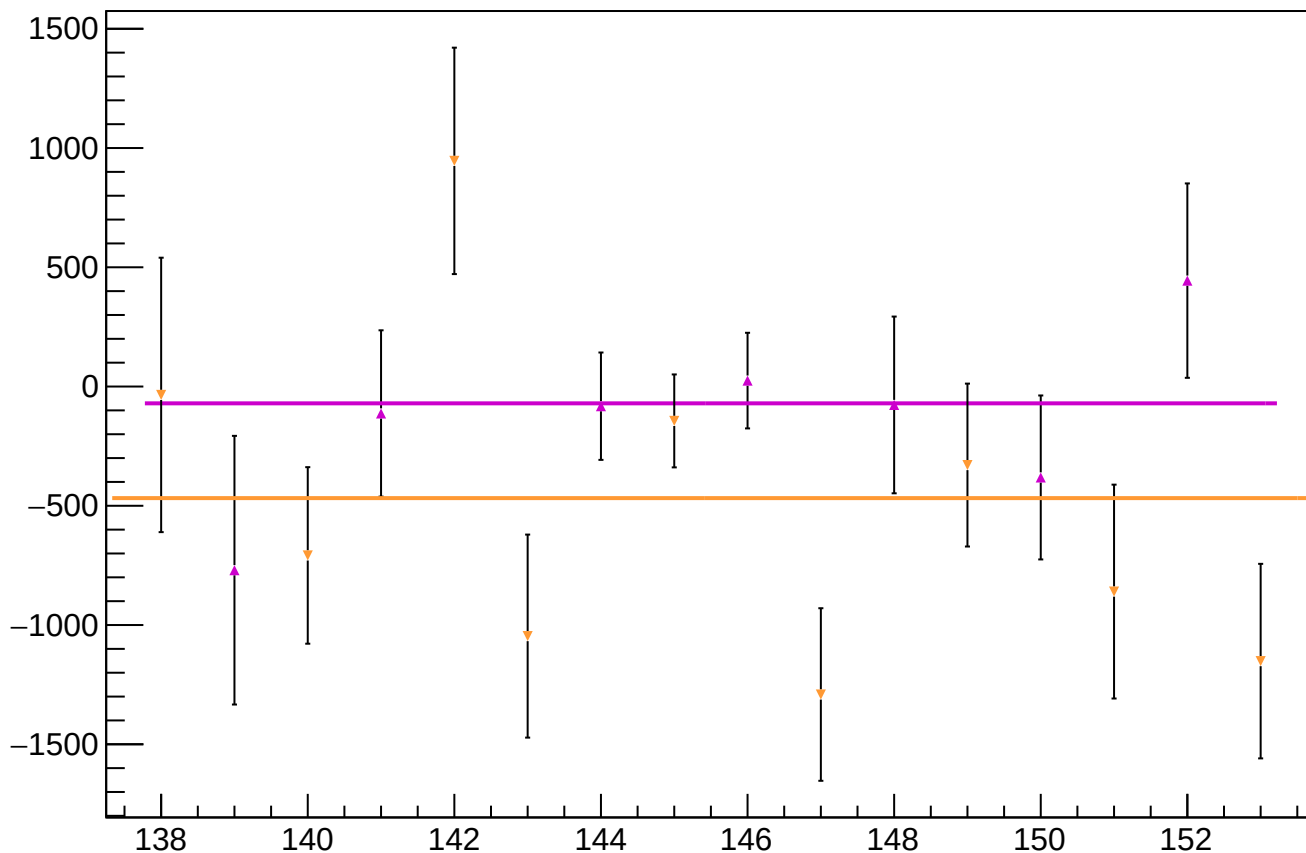
Left In: 59.167+/-0.018 χ^2/NDF : 270740.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.308+/-0.012 χ^2/NDF : 430571.1/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -467.858 $\pm$ 116.394 χ^2 /NDF:23.4/8

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

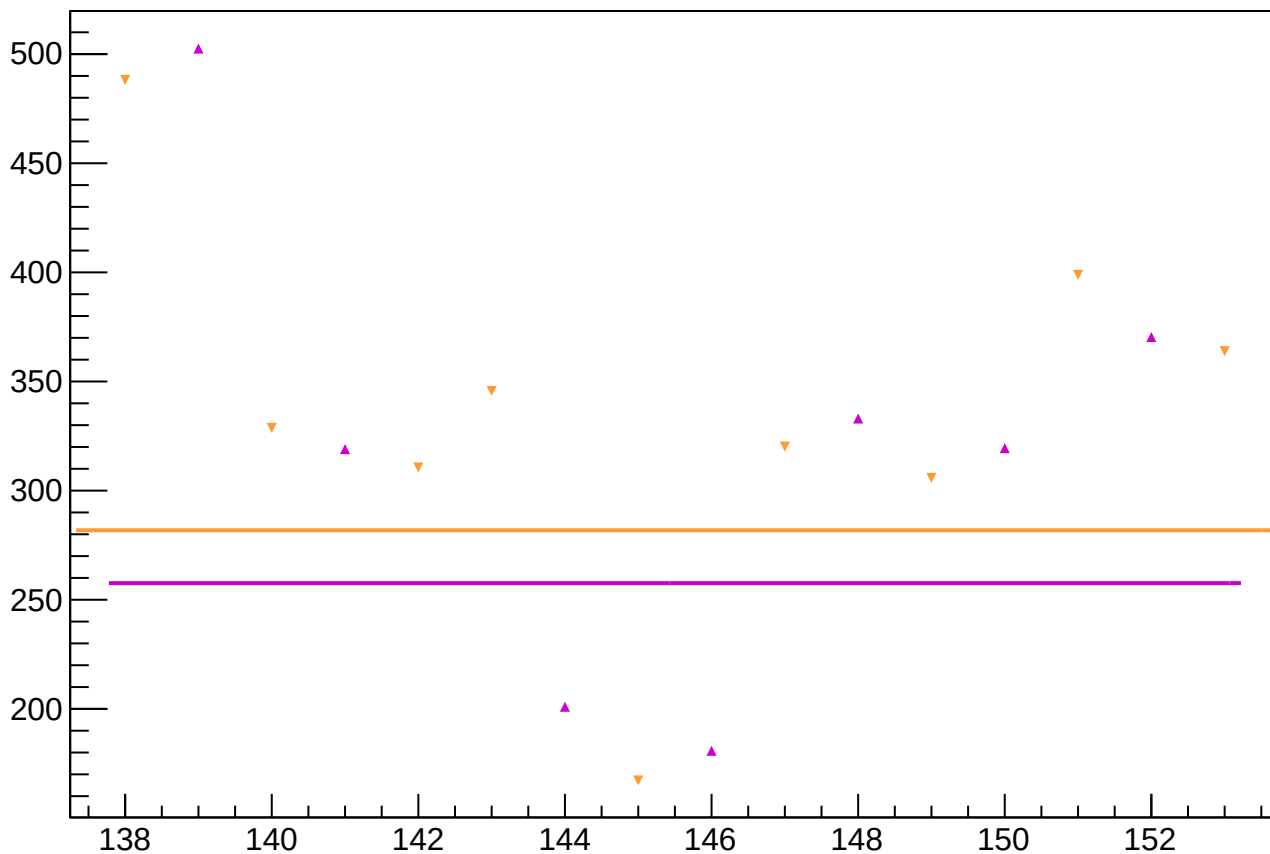
Left In: -70.480 $\pm$ 113.397 χ^2 /NDF:4.2/6

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

All: -263.988 $\pm$ 81.223 χ^2 /NDF: 33.6/15

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

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 281.829+/-0.082 χ^2/NDF : 1283445.5/8

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

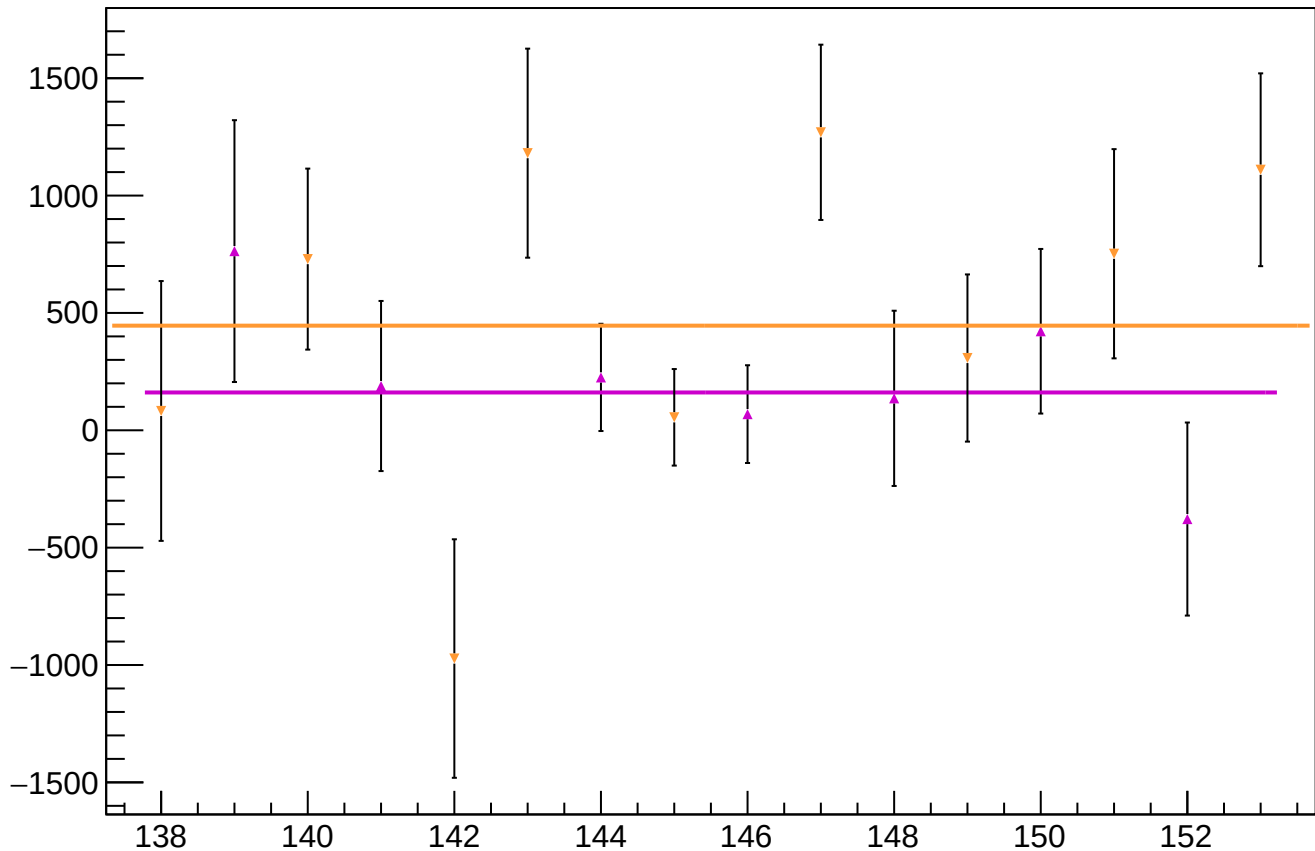
Left In: 257.619+/-0.080 χ^2/NDF : 1161251.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.409+/-0.057 χ^2/NDF : 2489091.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 445.800+/-120.770 χ^2/NDF : 23.2/8

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

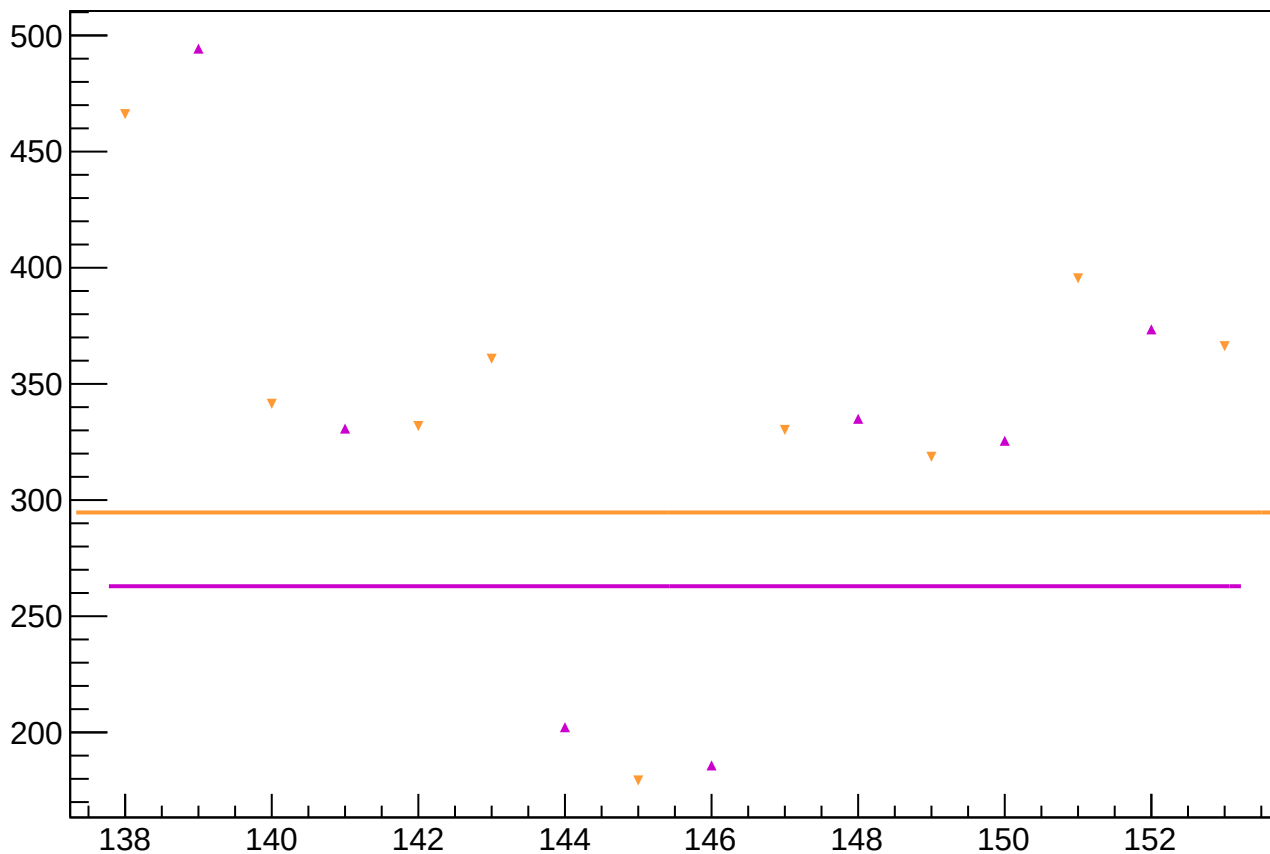
Left In: 161.142+/-116.036 χ^2/NDF : 3.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.782+/-83.673 χ^2/NDF : 29.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_rms vs Slug



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

Left Out: 294.666+/-0.085 χ^2/NDF :1095448.2/8

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

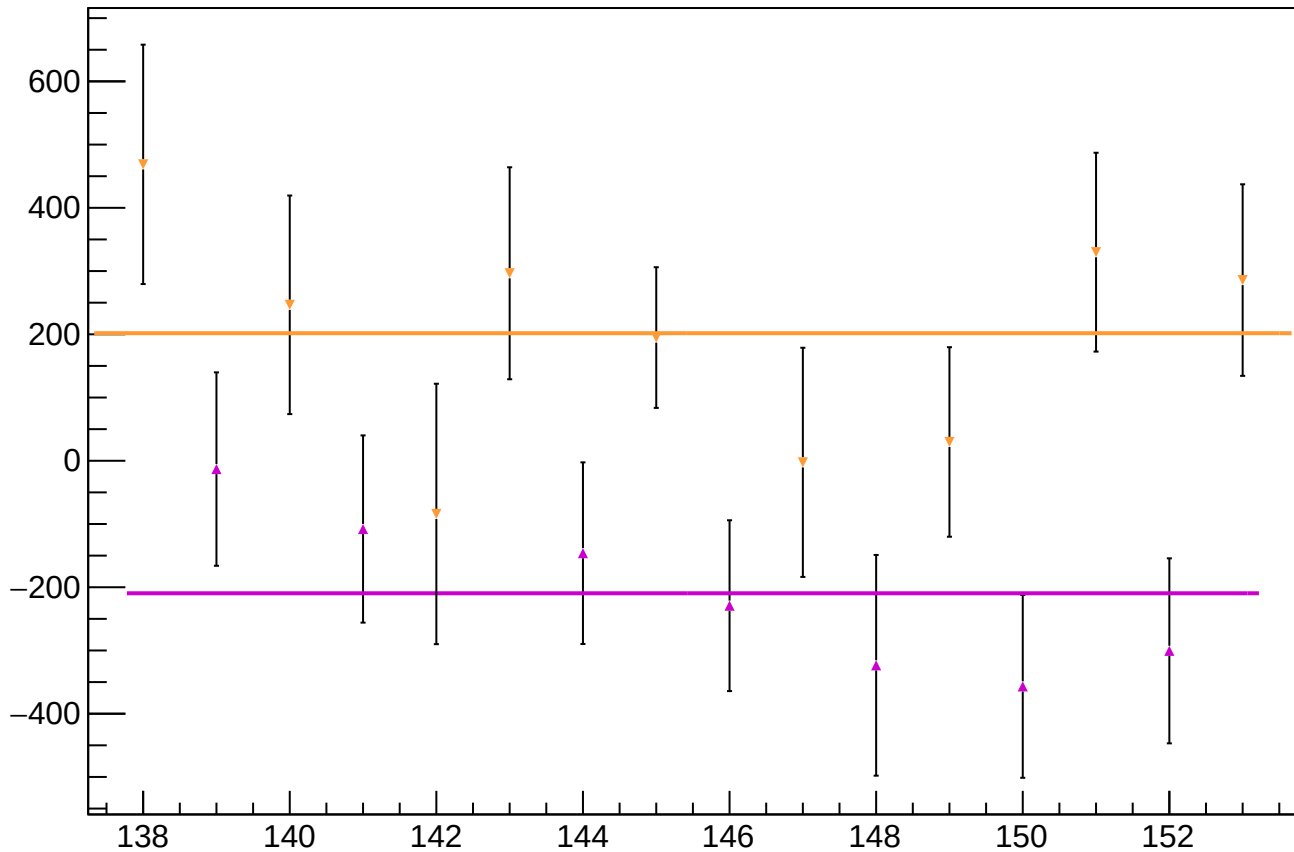
Left In: 262.911+/-0.082 χ^2/NDF :1112901.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.154+/-0.059 χ^2/NDF : 2280248.4/15

- 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: 201.735+/-52.677 χ^2/NDF : 7.9/8

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

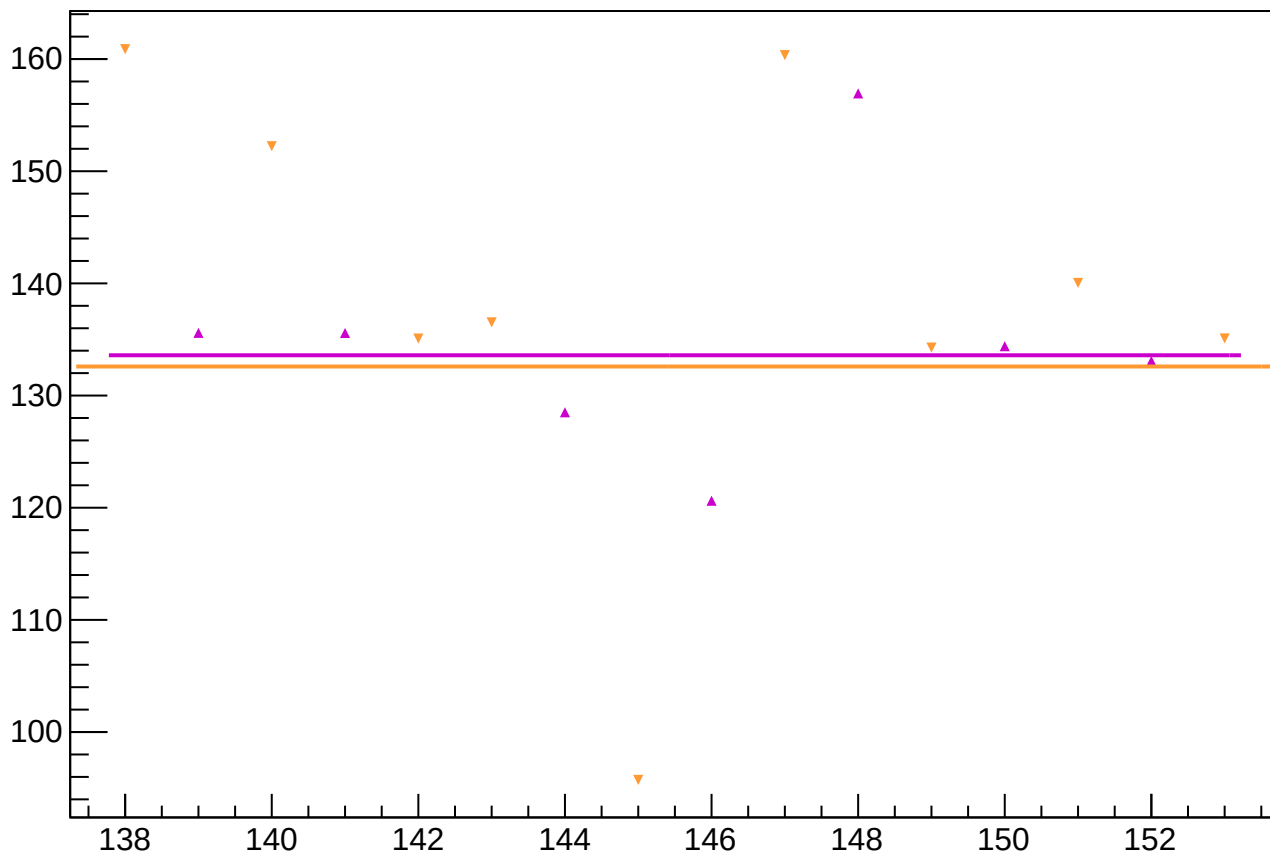
Left In: -209.556+/-55.980 χ^2/NDF : 4.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.582+/-38.363 χ^2/NDF : 40.7/15

- 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: 132.589+/-0.037 χ^2/NDF : 343635.6/8

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

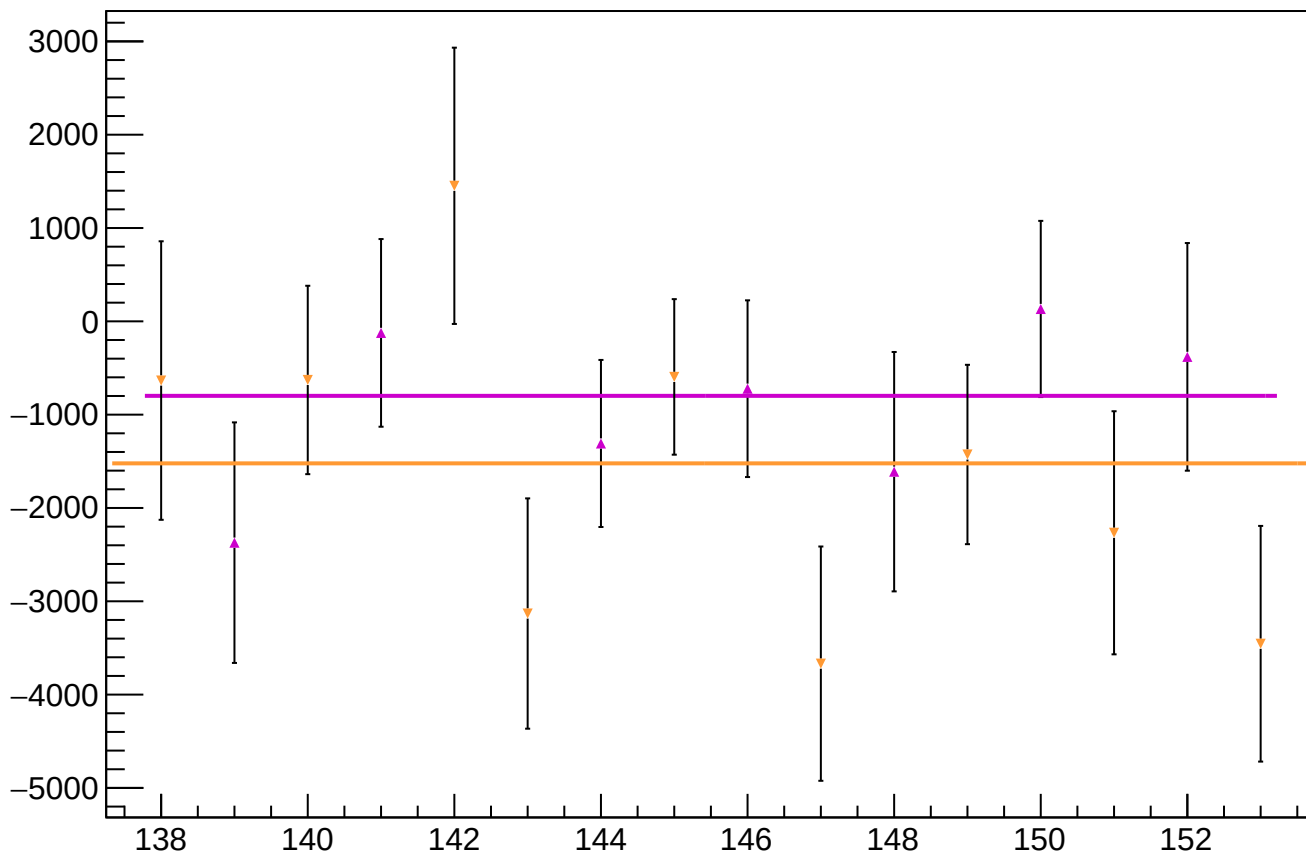
Left In: 133.592+/-0.040 χ^2/NDF : 57516.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.060+/-0.027 χ^2/NDF : 401492.1/15

- 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: -1521.988+/-380.229 χ^2/NDF :13.7/8

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

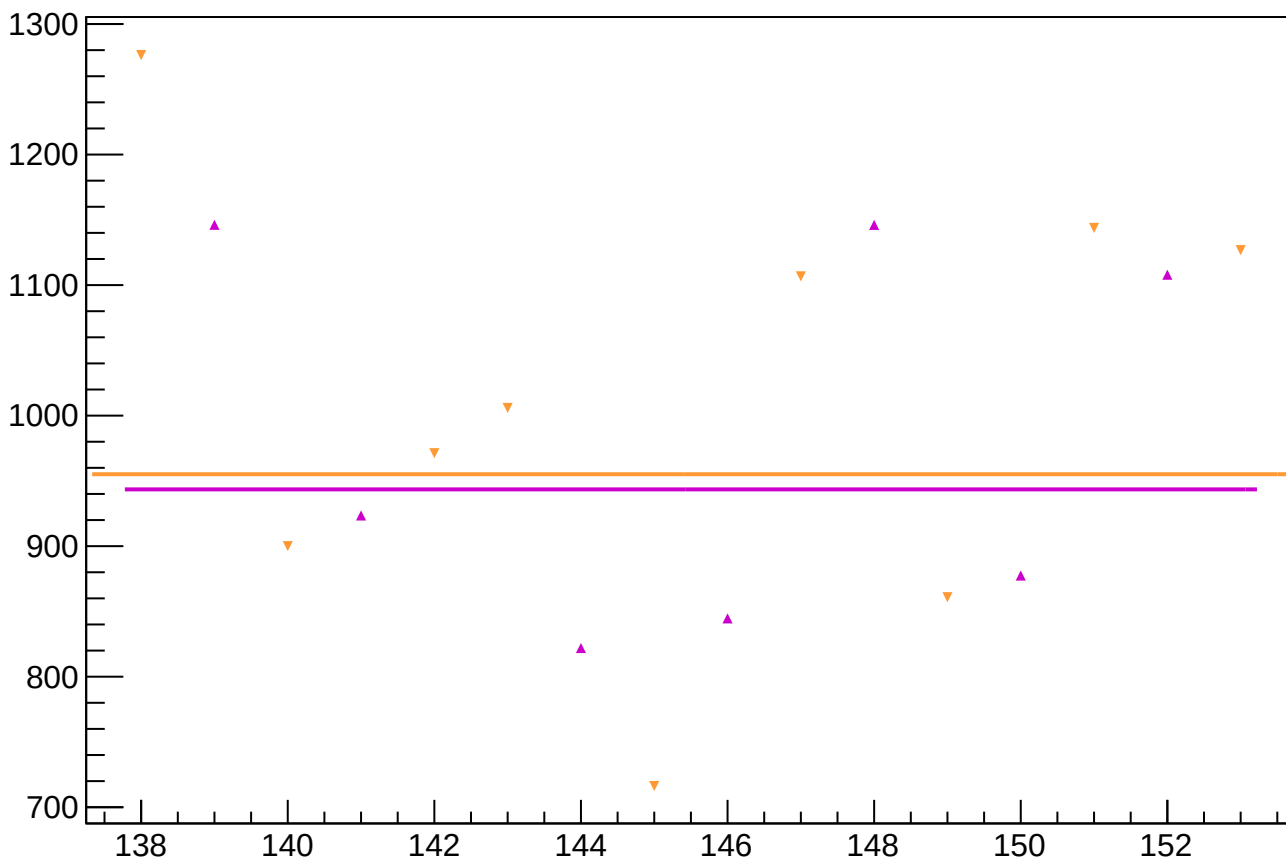
Left In: -798.446+/-396.637 χ^2/NDF :3.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1175.493+/-274.480 χ^2/NDF : 19.2/15

- 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: 955.097+/-0.269 χ^2/NDF : 393795.8/8

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

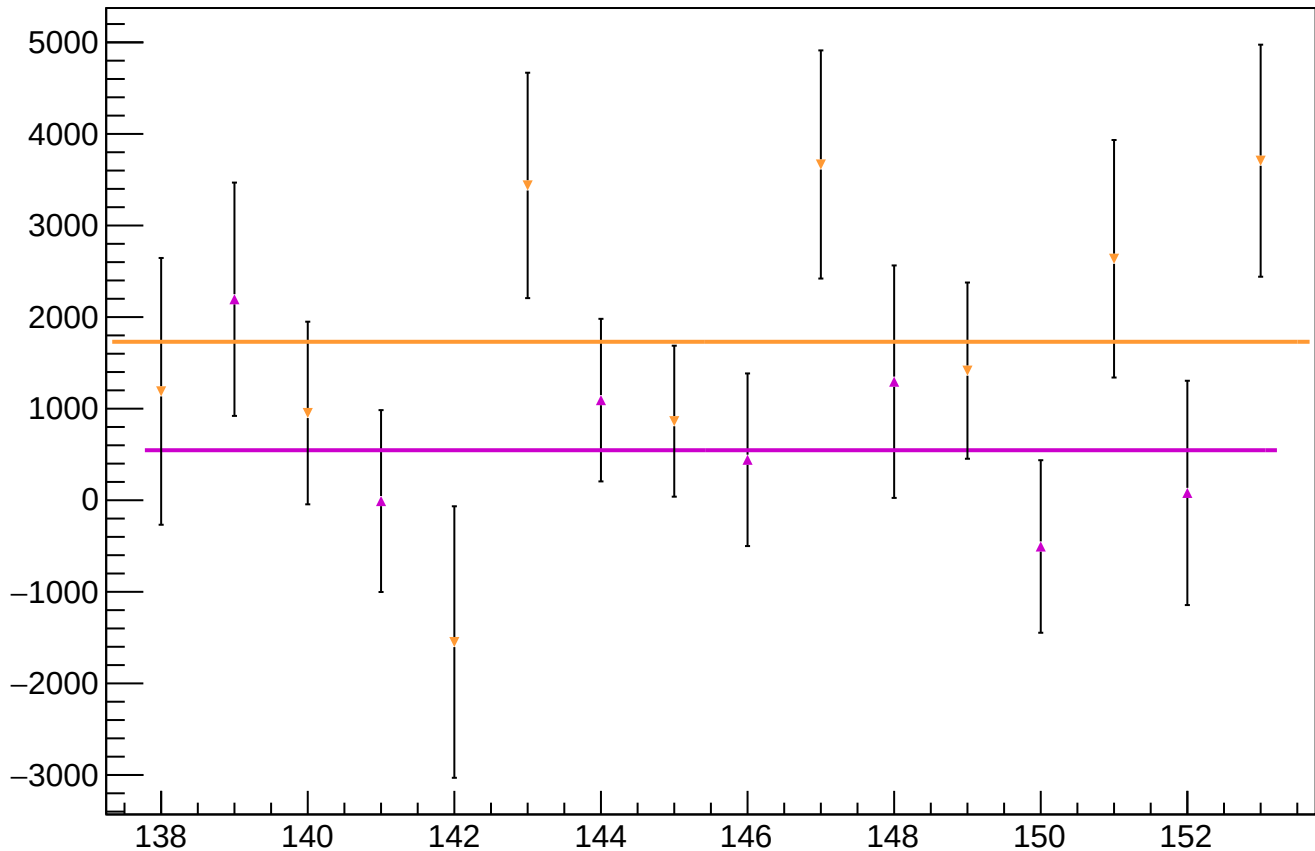
Left In: 943.489+/-0.280 χ^2/NDF : 204956.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.538+/-0.194 χ^2/NDF : 599644.6/15

- 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: 1730.390+/-377.796 χ^2/NDF : 14.1/8

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

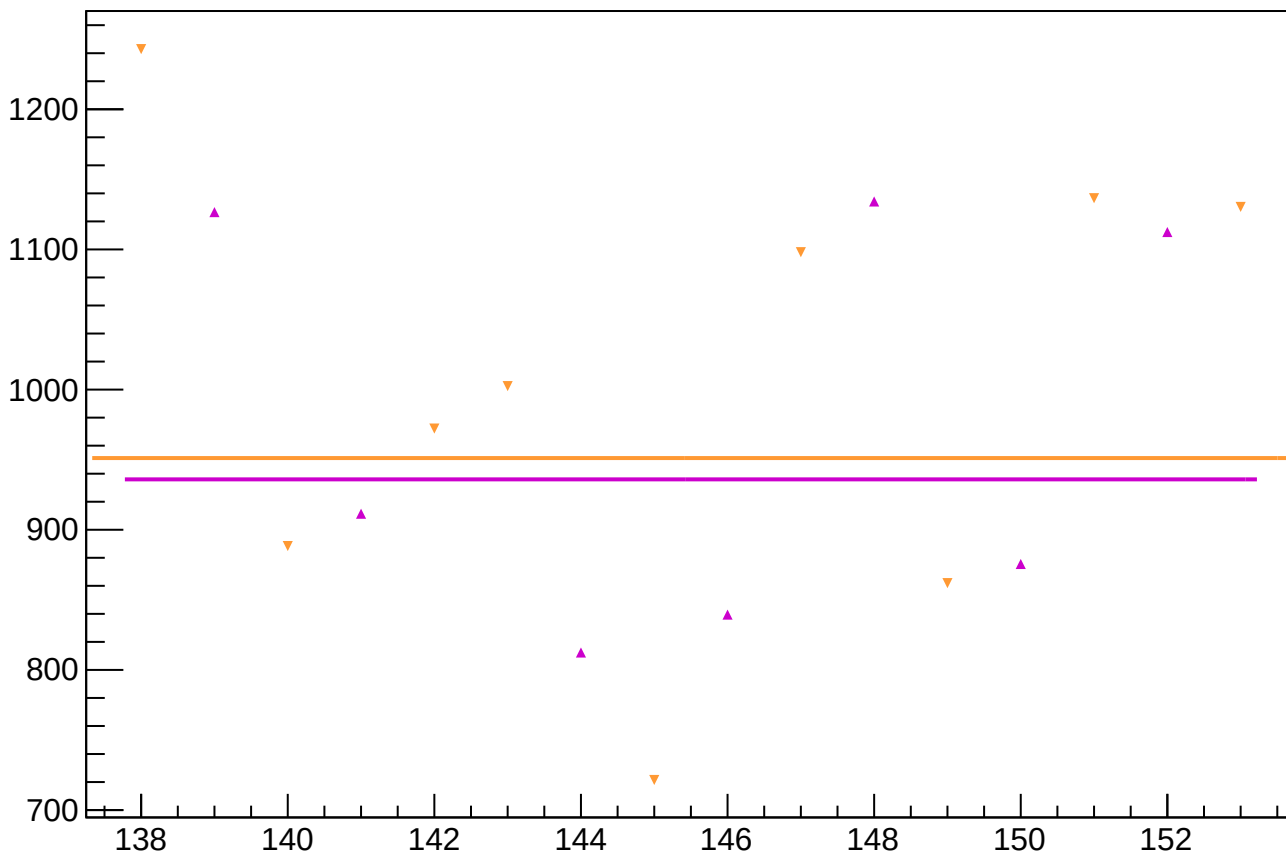
Left In: 546.226+/-394.071 χ^2/NDF : 4.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1163.265+/-272.714 χ^2/NDF : 22.9/15

- 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: 951.154+/-0.267 χ^2/NDF : 373201.9/8

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

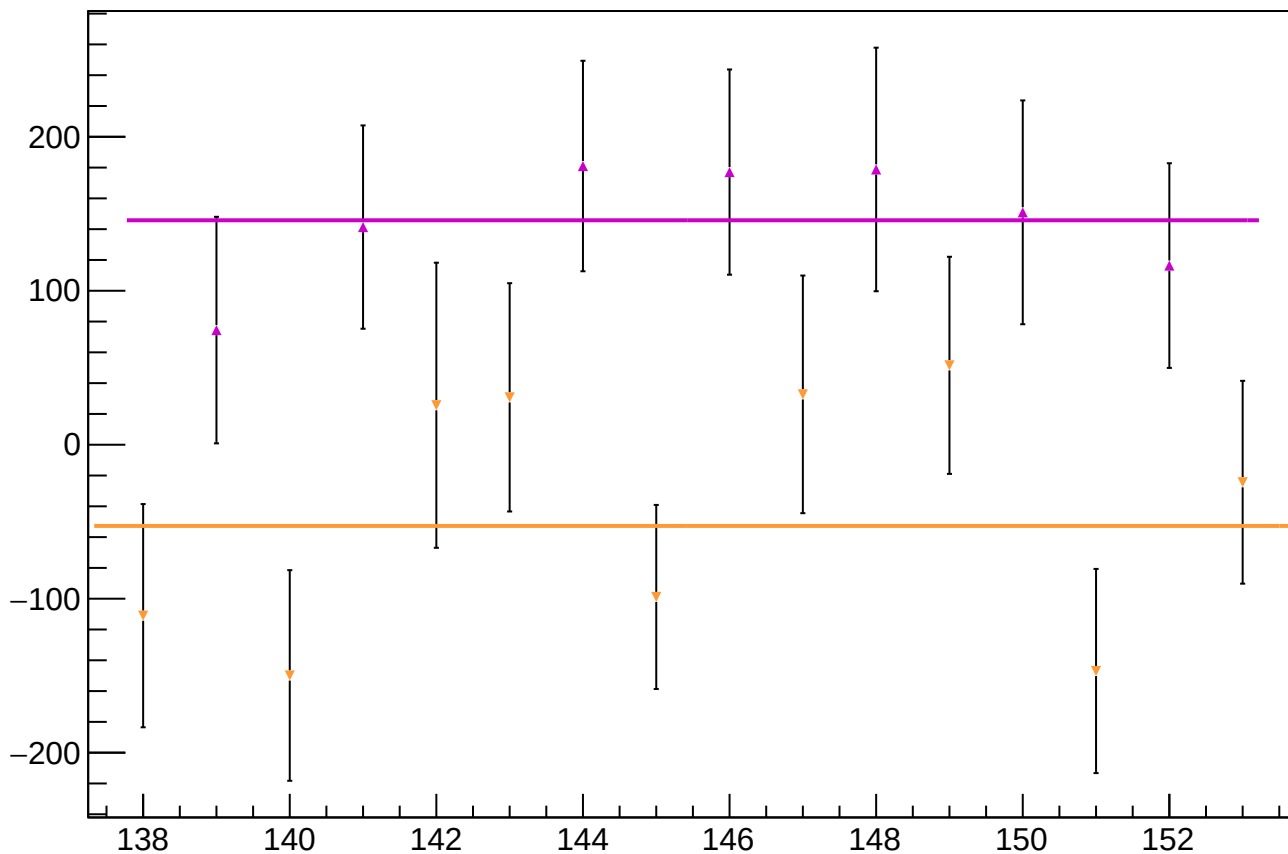
Left In: 935.951+/-0.279 χ^2/NDF : 204267.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.873+/-0.193 χ^2/NDF : 579020.7/15

- 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: -52.731+/-23.508 χ^2/NDF :10.9/8

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

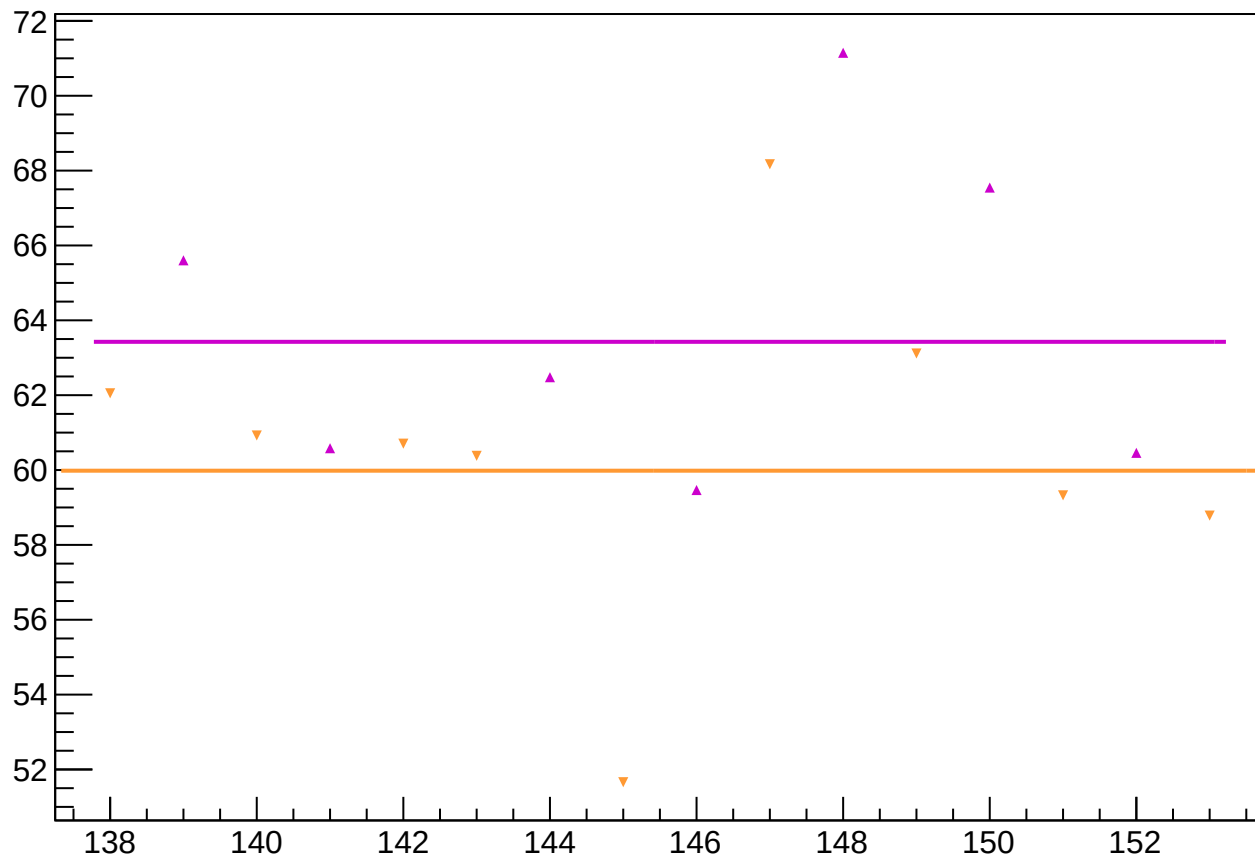
Left In: 145.771+/-26.456 χ^2/NDF :1.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.849+/-17.573 χ^2/NDF : 44.1/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 59.982+/-0.017 χ^2/NDF : 68275.6/8

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

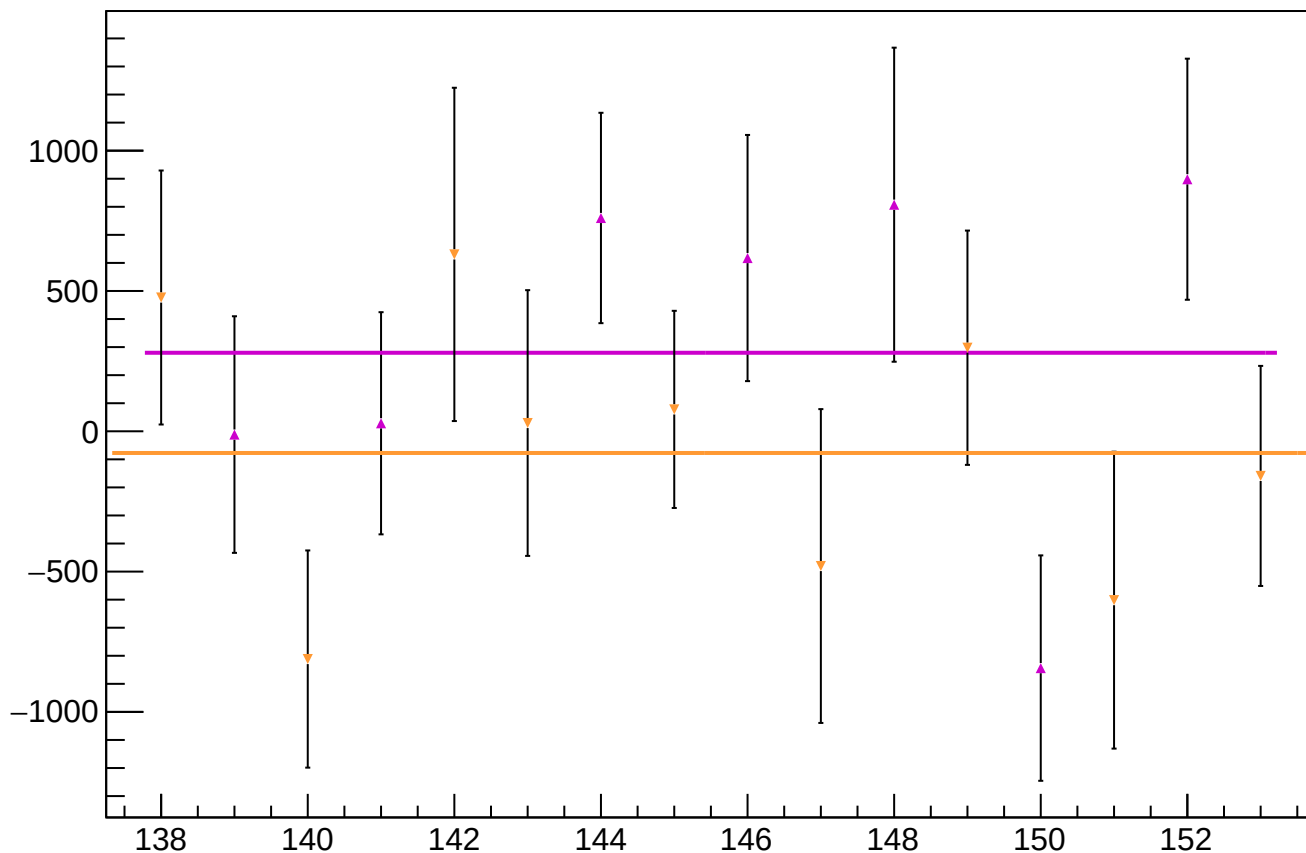
Left In: 63.426+/-0.019 χ^2/NDF : 42378.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.502+/-0.012 χ^2/NDF : 129585.6/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -77.304 $\pm$ 147.488 χ^2 /NDF:9.1/8

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

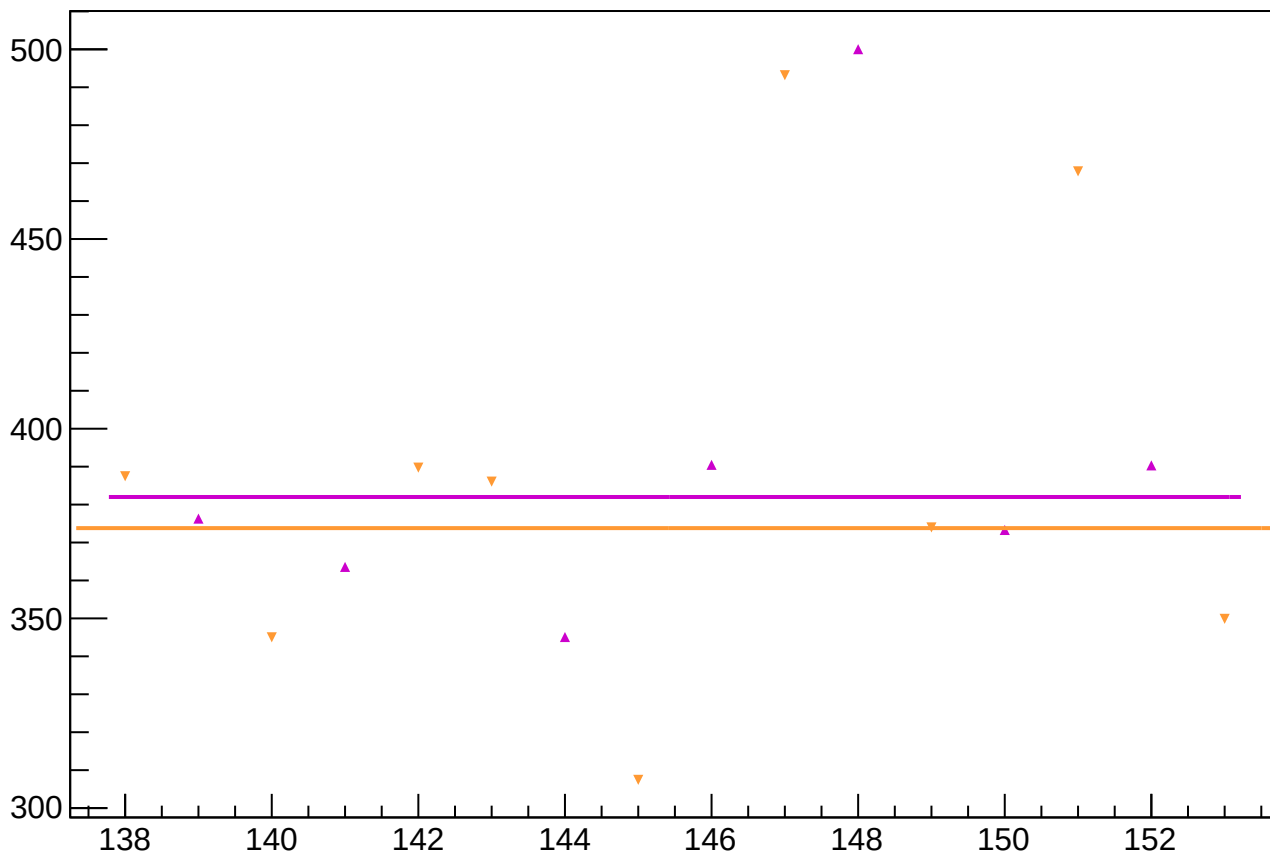
Left In: 279.814 $\pm$ 159.855 χ^2 /NDF:13.9/6

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

All: 86.908 $\pm$ 108.398 χ^2 /NDF: 25.7/15

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

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 373.797+/-0.104 χ^2/NDF :248816.9/8

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

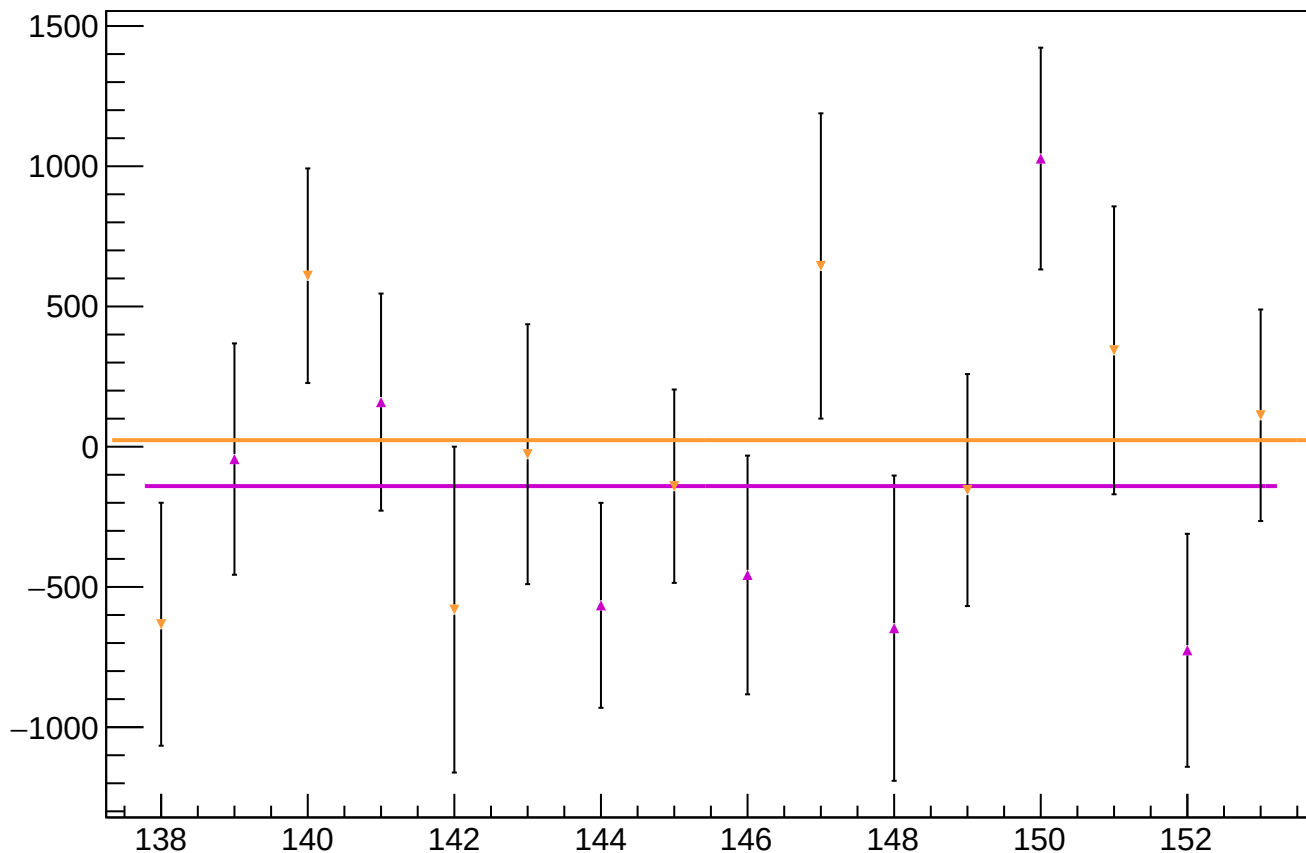
Left In: 382.001+/-0.113 χ^2/NDF :115510.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.570+/-0.077 χ^2/NDF : 367173.3/15

- 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: 23.334+/-143.969 χ^2/NDF : 7.9/8

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

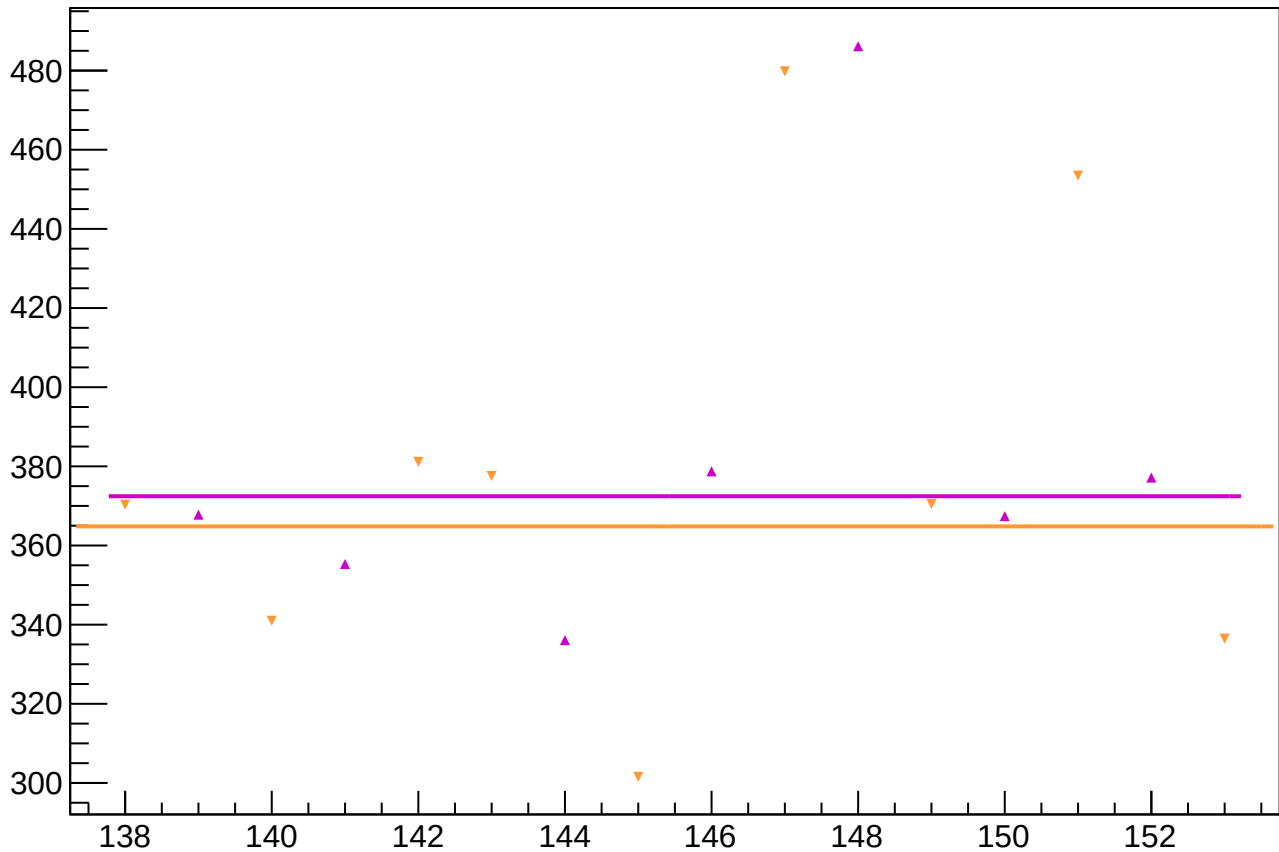
Left In: -140.430+/-155.917 χ^2/NDF : 14.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.034+/-105.773 χ^2/NDF : 22.6/15

- 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: 364.825+/-0.102 χ^2/NDF : 239151.9/8

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

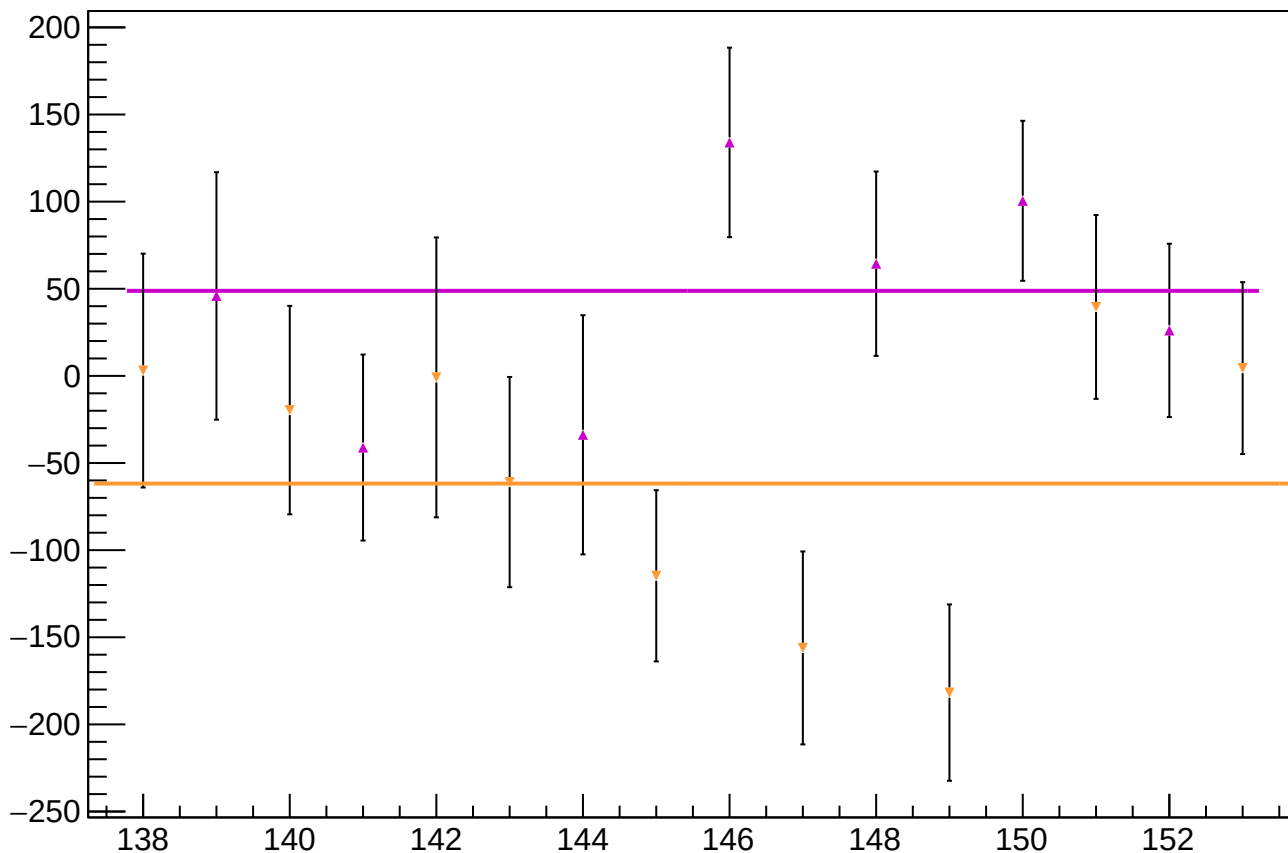
Left In: 372.449+/-0.110 χ^2/NDF : 112311.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.334+/-0.075 χ^2/NDF : 354044.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -61.797 $\pm$ 18.787 χ^2 /NDF:17.2/8

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

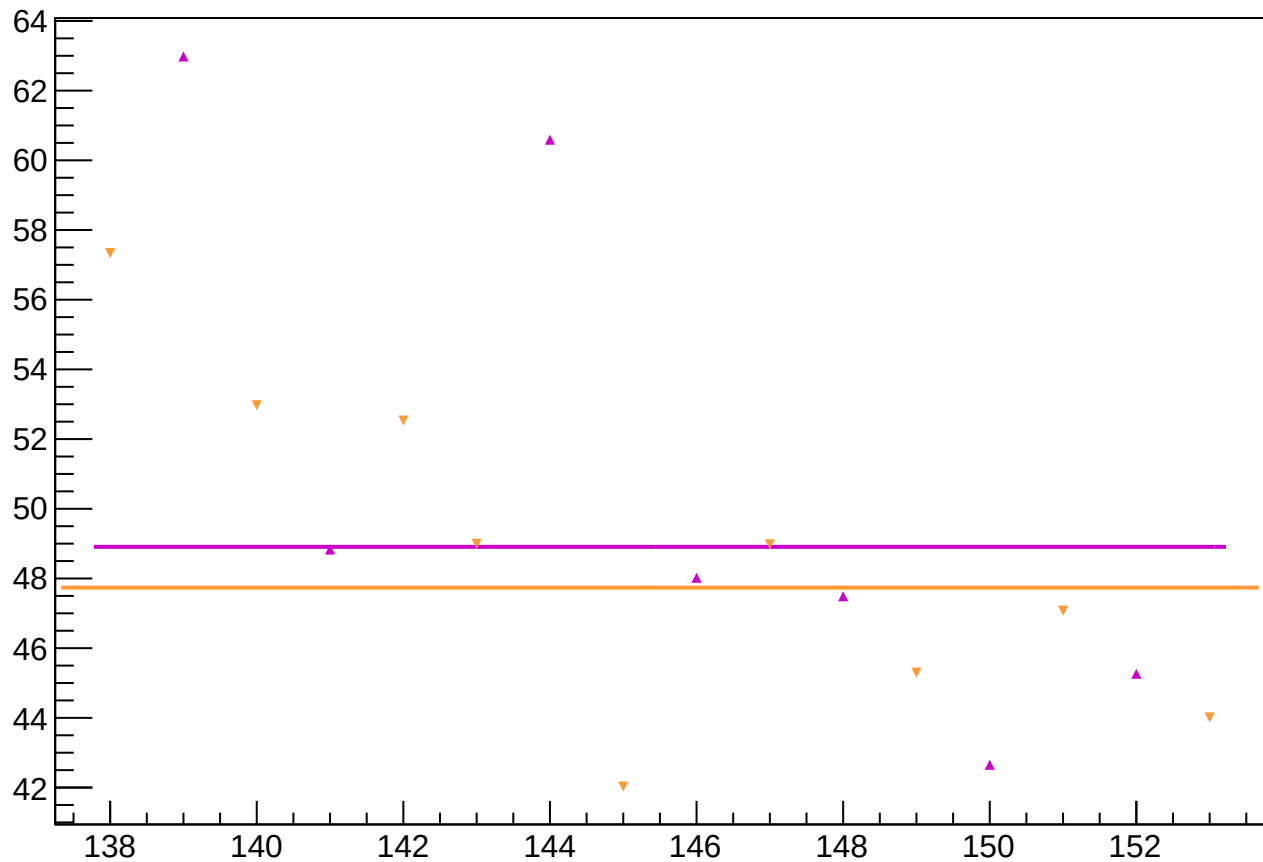
Left In: 48.810 $\pm$ 20.690 χ^2 /NDF:8.3/6

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

All: -11.812 $\pm$ 13.909 χ^2 /NDF: 41.2/15

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

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 47.738+/-0.013 χ^2/NDF :108654.9/8

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

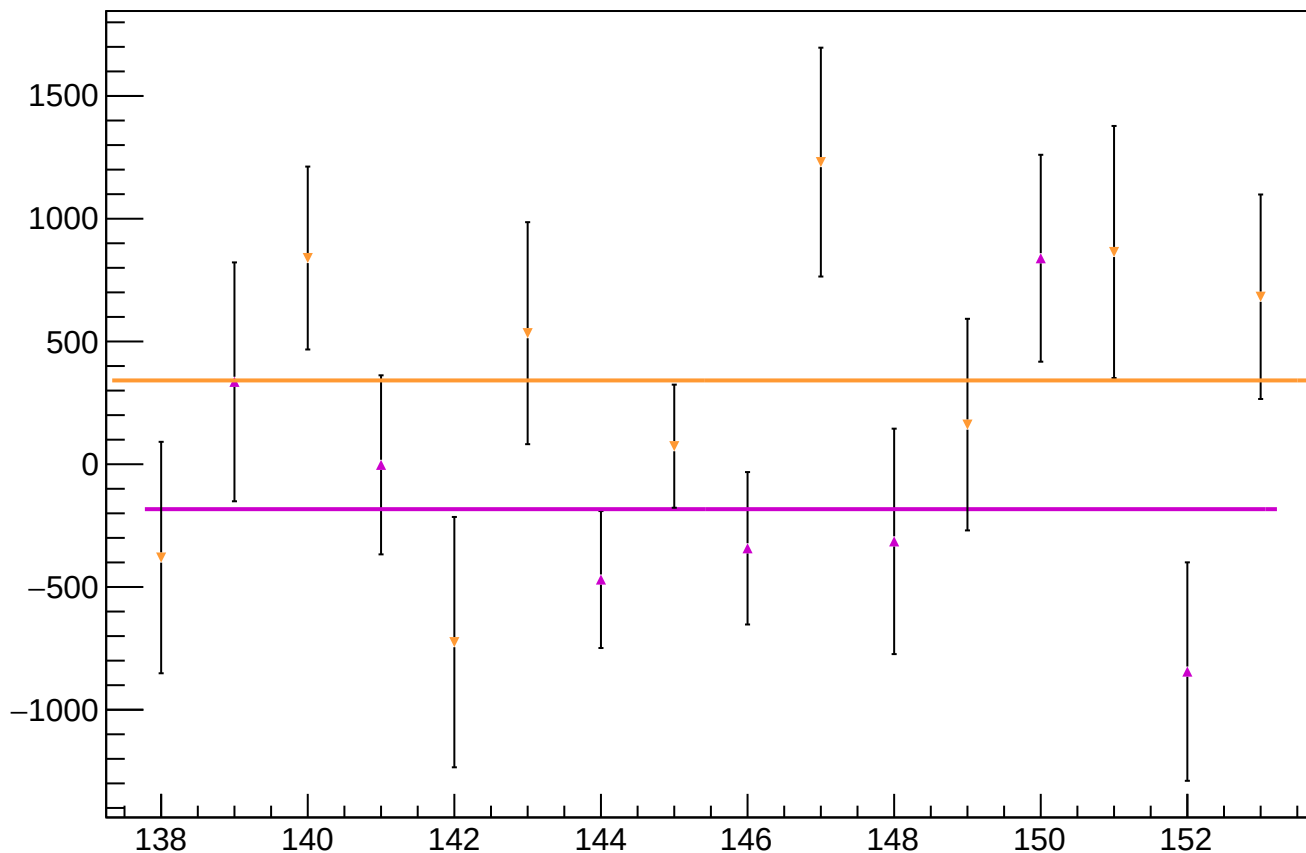
Left In: 48.907+/-0.015 χ^2/NDF :186340.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.266+/-0.010 χ^2/NDF : 298499.5/15

- 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: 341.331+/-133.743 χ^2/NDF :15.4/8

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

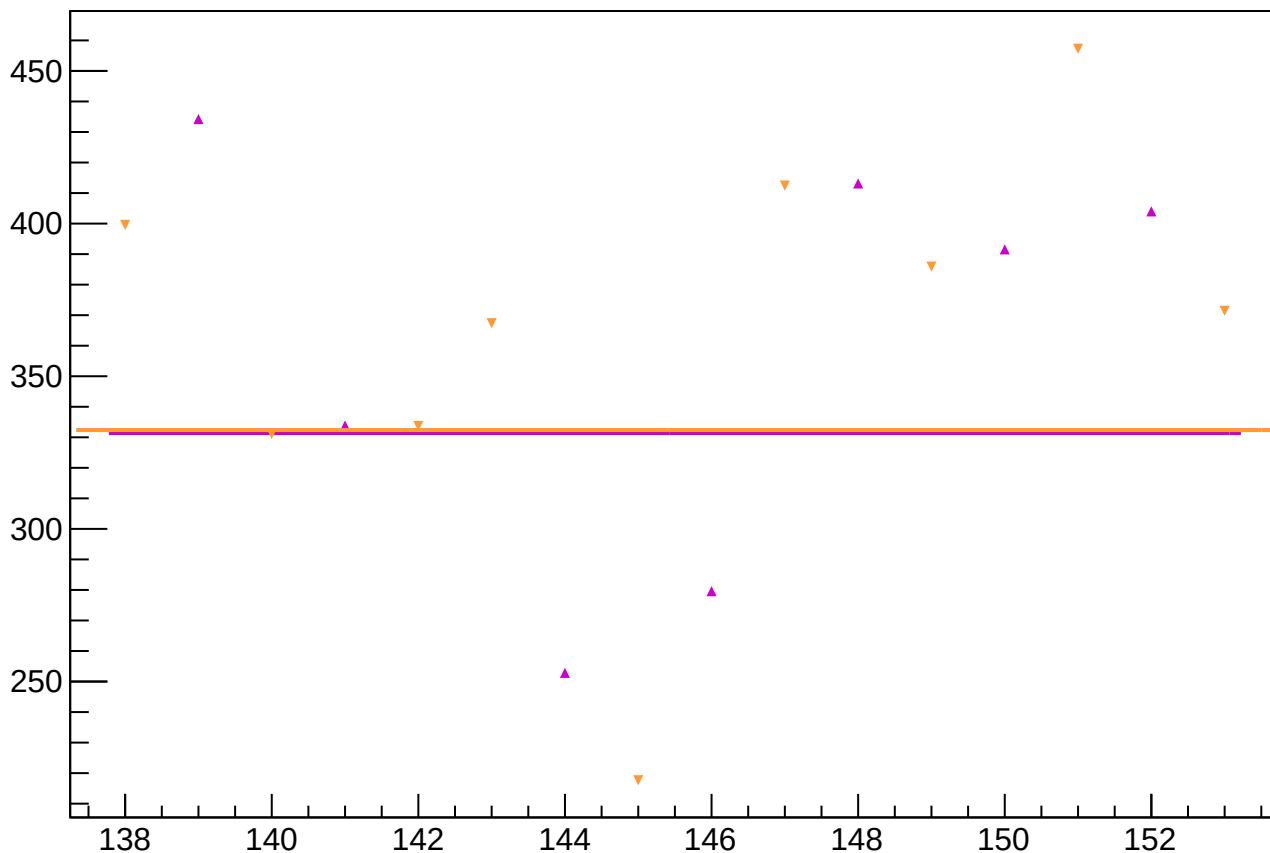
Left In: -182.982+/-140.850 χ^2/NDF :10.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.736+/-96.986 χ^2/NDF : 33.5/15

- 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: 332.375+/-0.095 χ^2/NDF : 697226.2/8

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

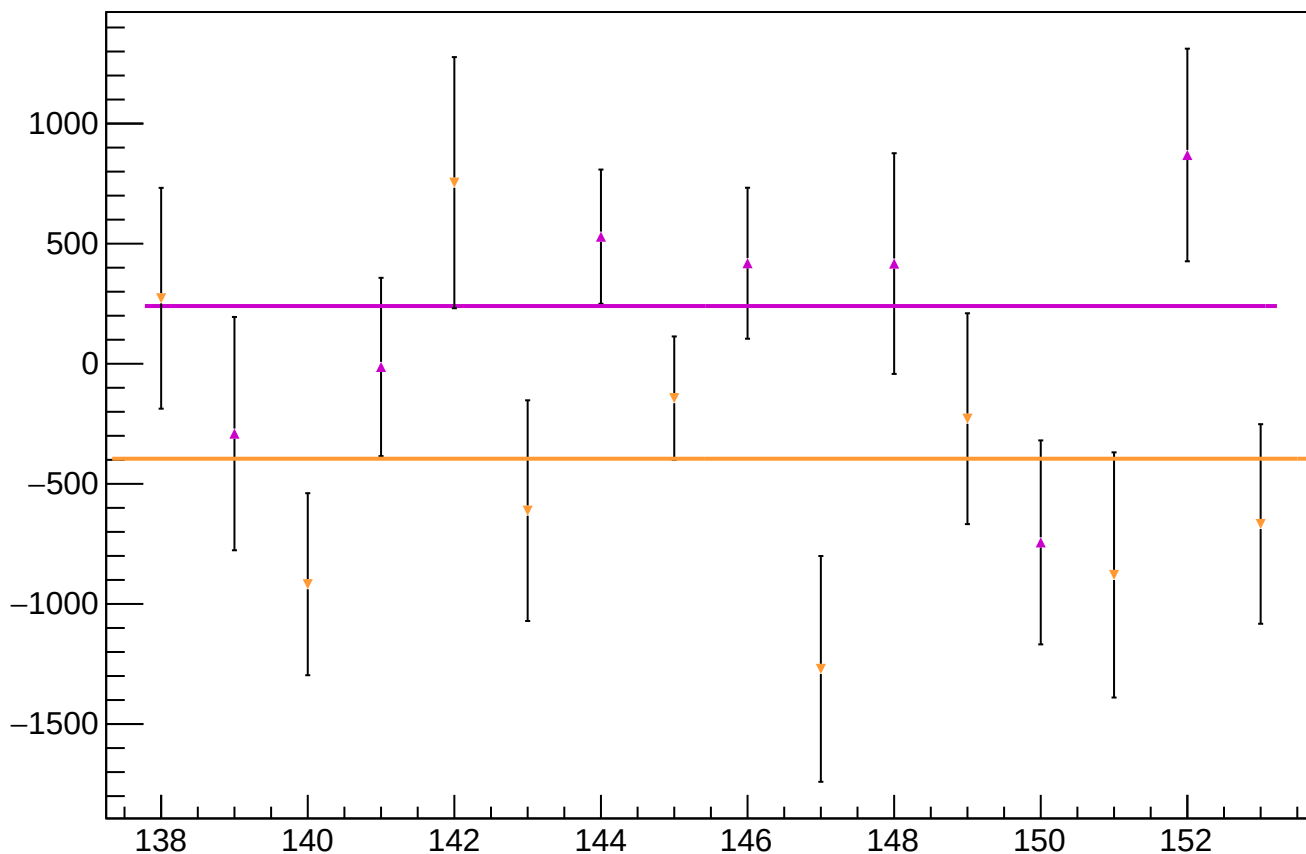
Left In: 331.380+/-0.100 χ^2/NDF : 461271.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.903+/-0.069 χ^2/NDF : 1158550.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -395.345+/-135.334 χ^2/NDF : 15.0/8

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

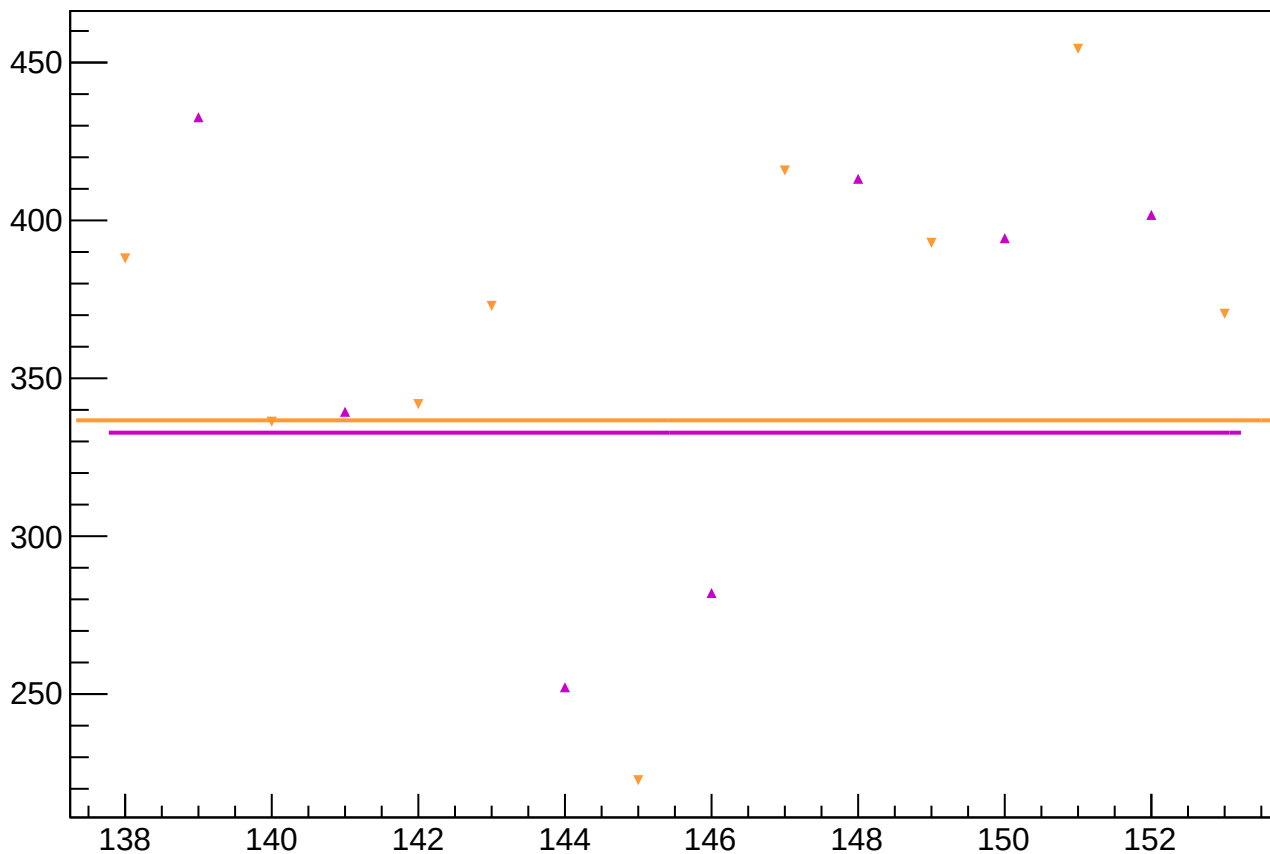
Left In: 240.318+/-141.682 χ^2/NDF : 10.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.072+/-97.863 χ^2/NDF : 36.1/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 336.685+/-0.096 χ^2/NDF : 640220.8/8

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

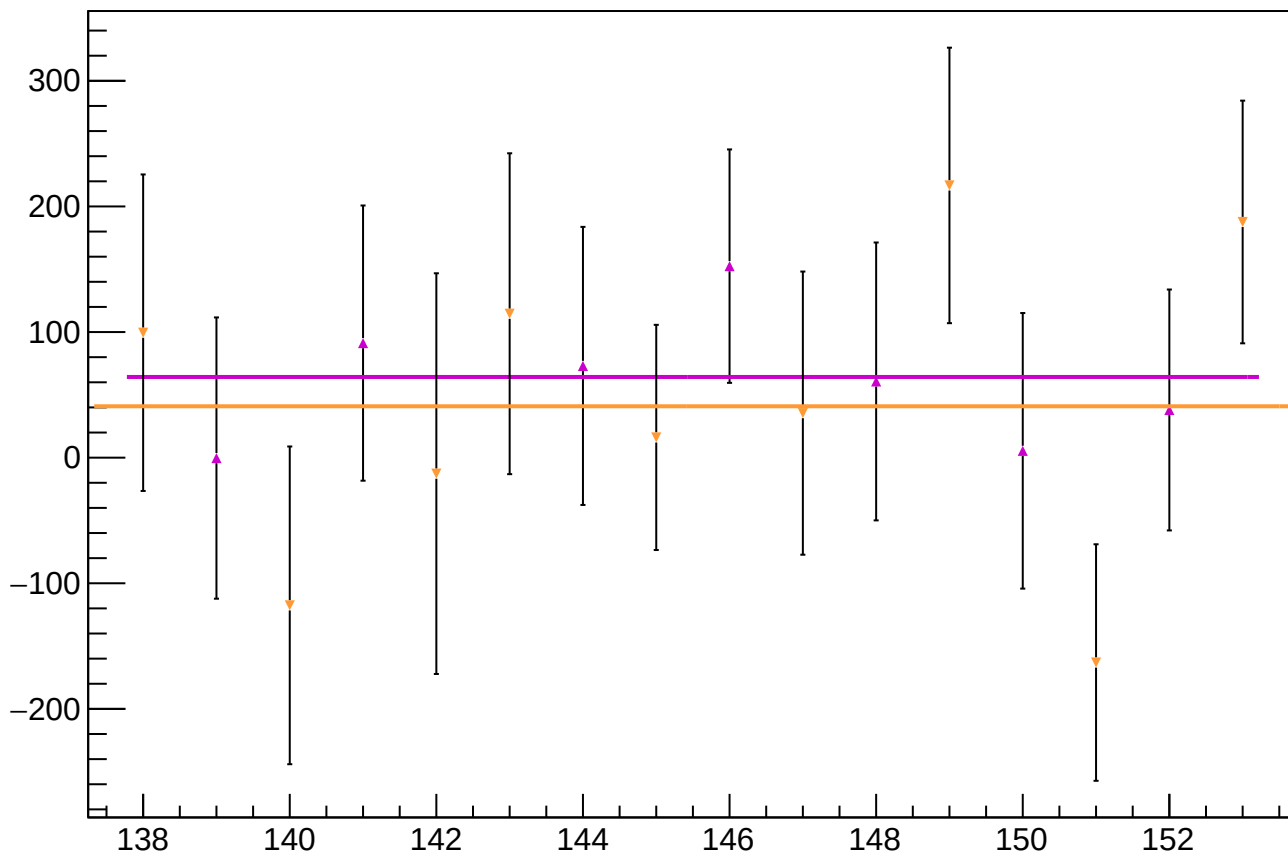
Left In: 332.780+/-0.100 χ^2/NDF : 455883.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.822+/-0.069 χ^2/NDF : 1096899.0/15

- 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: 40.910+/-36.950 χ^2/NDF :11.9/8

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

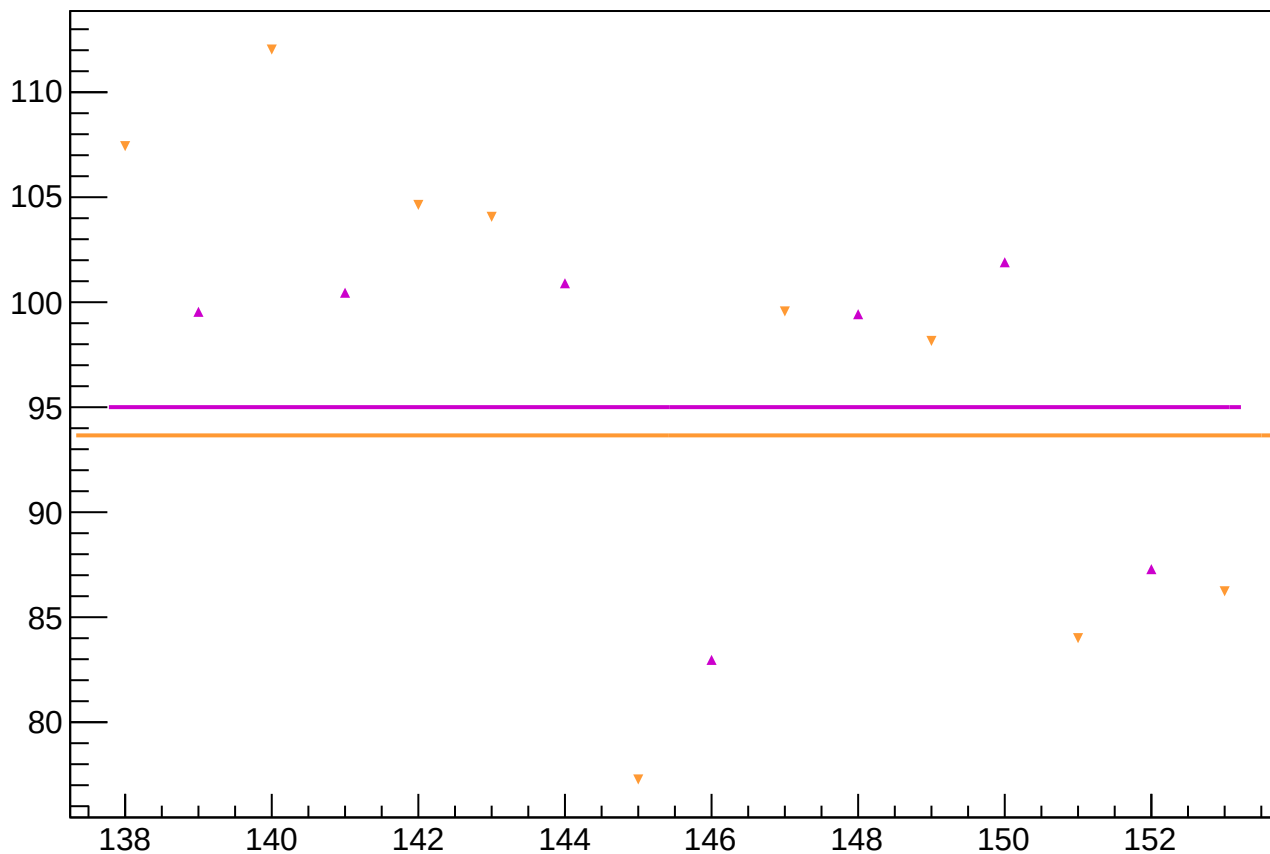
Left In: 64.241+/-39.712 χ^2/NDF :1.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.736+/-27.051 χ^2/NDF : 13.7/15

- 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: 93.658+/-0.026 χ^2/NDF :197394.8/8

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

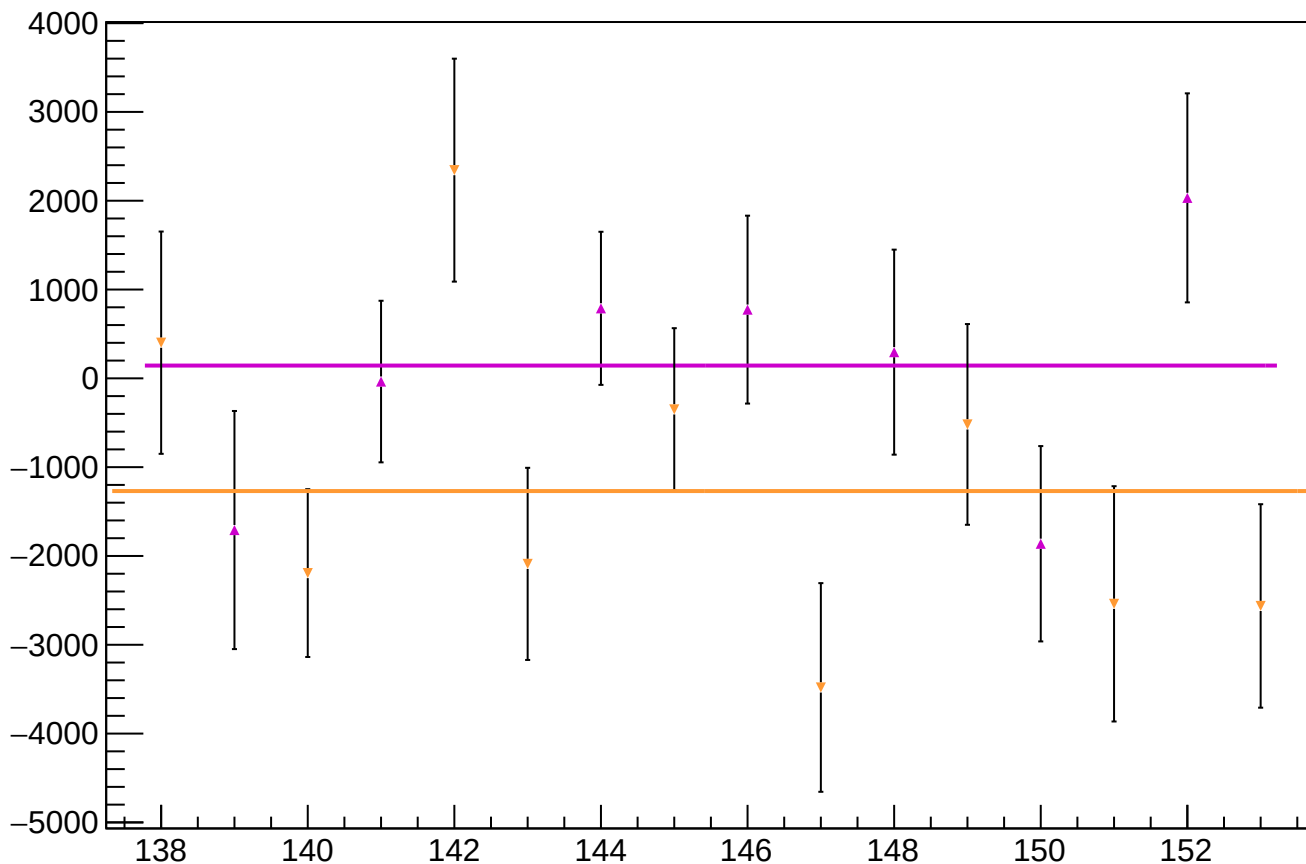
Left In: 95.004+/-0.028 χ^2/NDF :71526.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.283+/-0.019 χ^2/NDF : 270151.6/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1269.186 $\pm$ 370.545 χ^2 /NDF:18.8/8

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

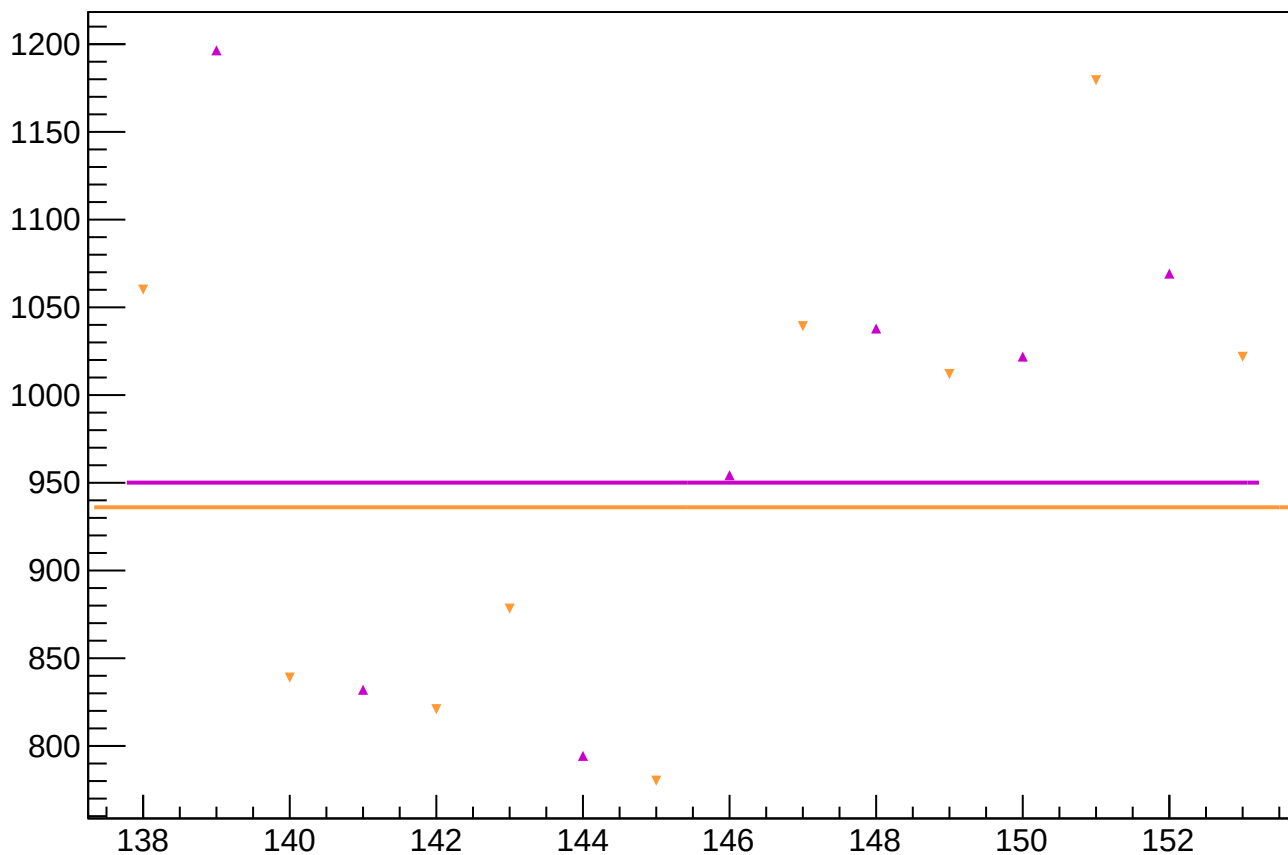
Left In: 143.924 $\pm$ 398.284 χ^2 /NDF:8.8/6

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

All: -613.549 $\pm$ 271.292 χ^2 /NDF: 34.3/15

- sign 0.000 $\pm$ 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: 936.045+/-0.262 χ^2/NDF :224550.3/8

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

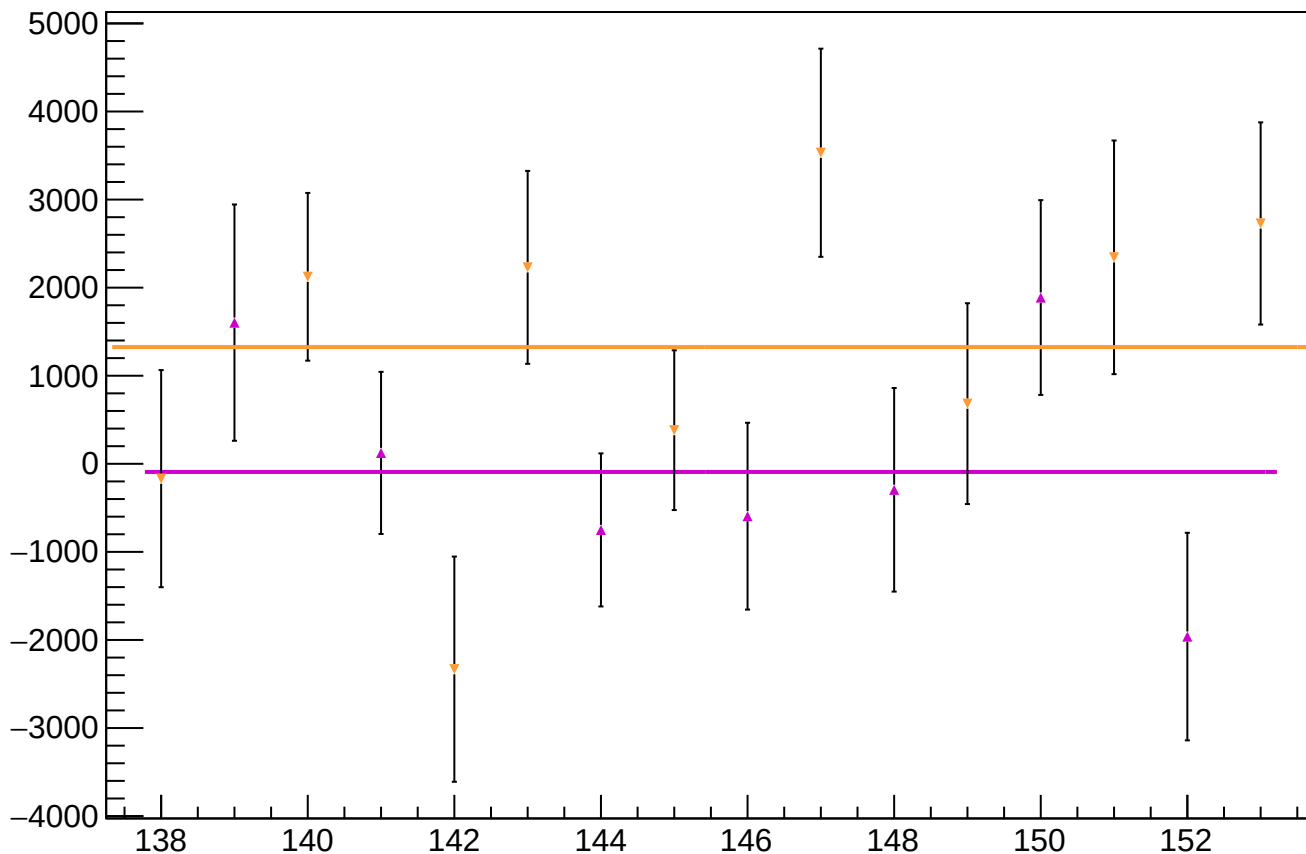
Left In: 950.094+/-0.282 χ^2/NDF :207176.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 942.563+/-0.192 χ^2/NDF : 433061.3/15

- 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: 1325.041+/-371.761 χ^2/NDF : 18.0/8

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

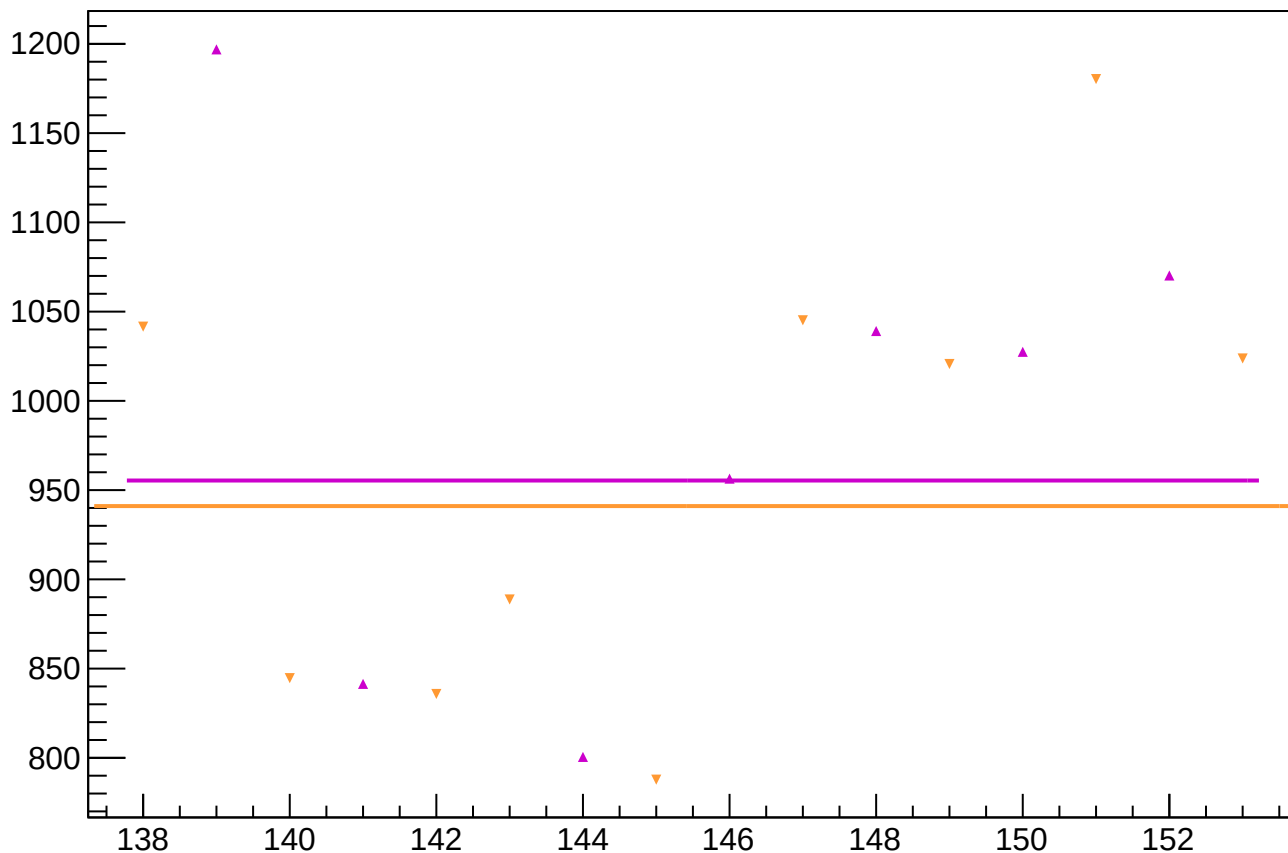
Left In: -92.370+/-400.442 χ^2/NDF : 8.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.908+/-272.450 χ^2/NDF : 32.9/15

- 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: 941.050+/-0.263 χ^2/NDF : 209770.7/8

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

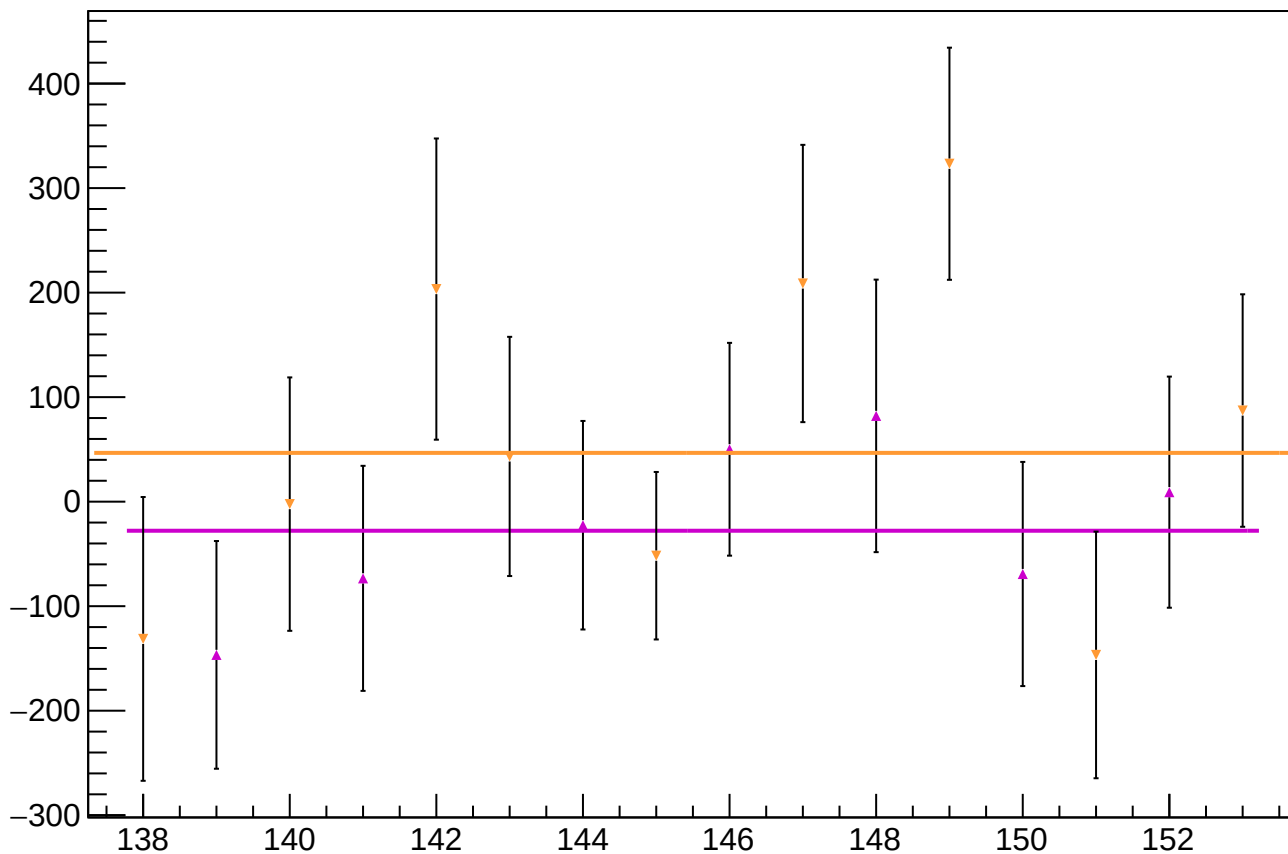
Left In: 955.375+/-0.283 χ^2/NDF : 197037.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.681+/-0.193 χ^2/NDF : 408182.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 46.673+/-37.982 χ^2/NDF :15.1/8

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

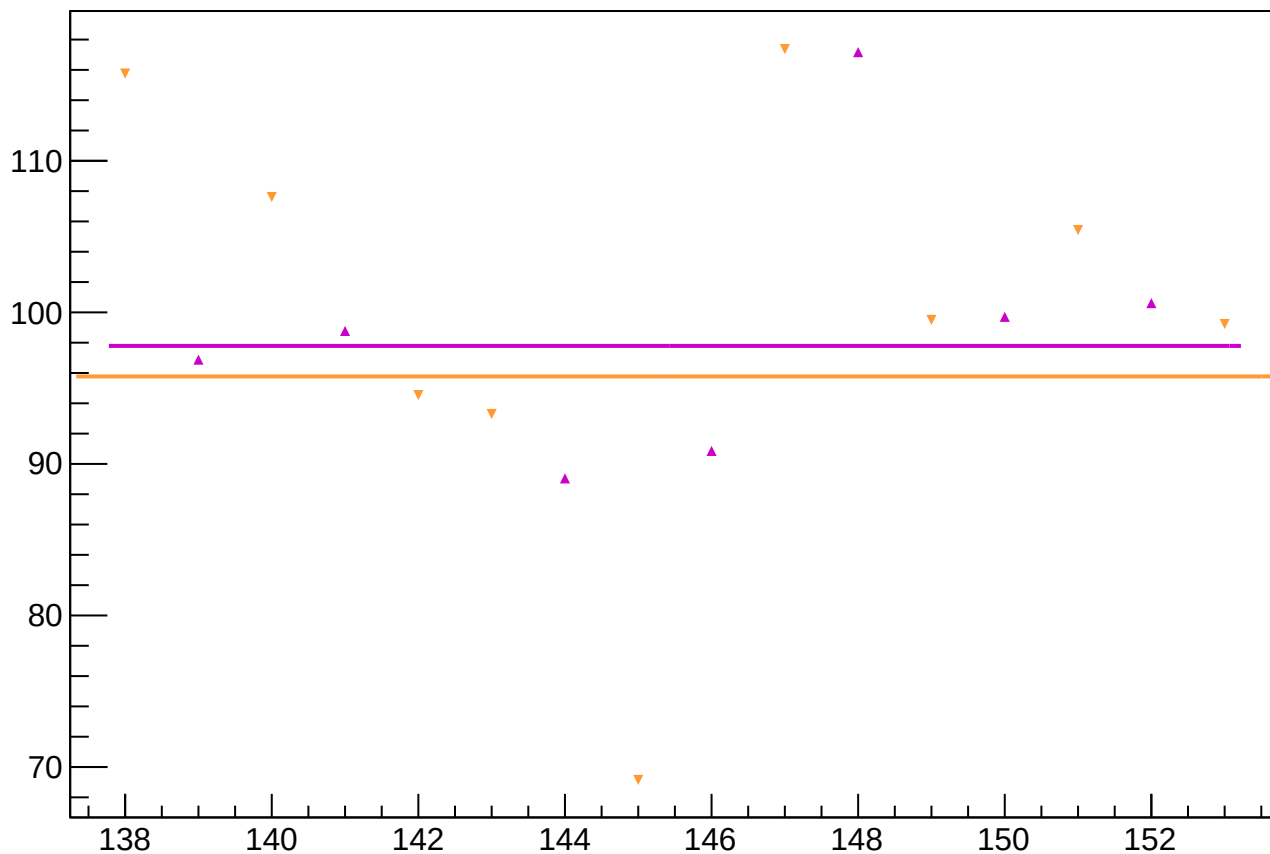
Left In: -27.822+/-40.991 χ^2/NDF :2.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.260+/-27.860 χ^2/NDF : 19.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 95.771+/-0.027 χ^2/NDF : 354941.5/8

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

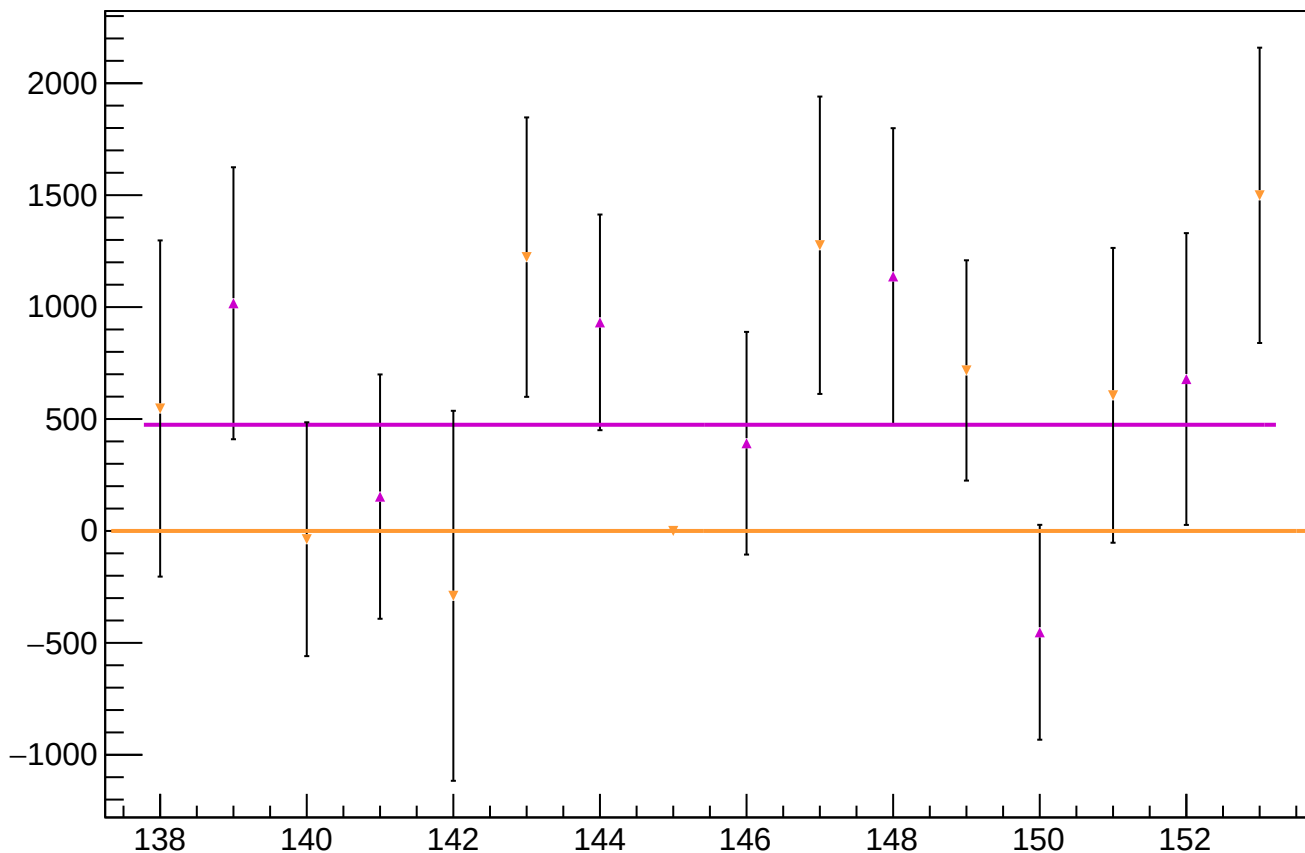
Left In: 97.787+/-0.029 χ^2/NDF : 71096.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.703+/-0.020 χ^2/NDF : 428641.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000+/-0.000 χ^2/NDF : 16.3/8

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

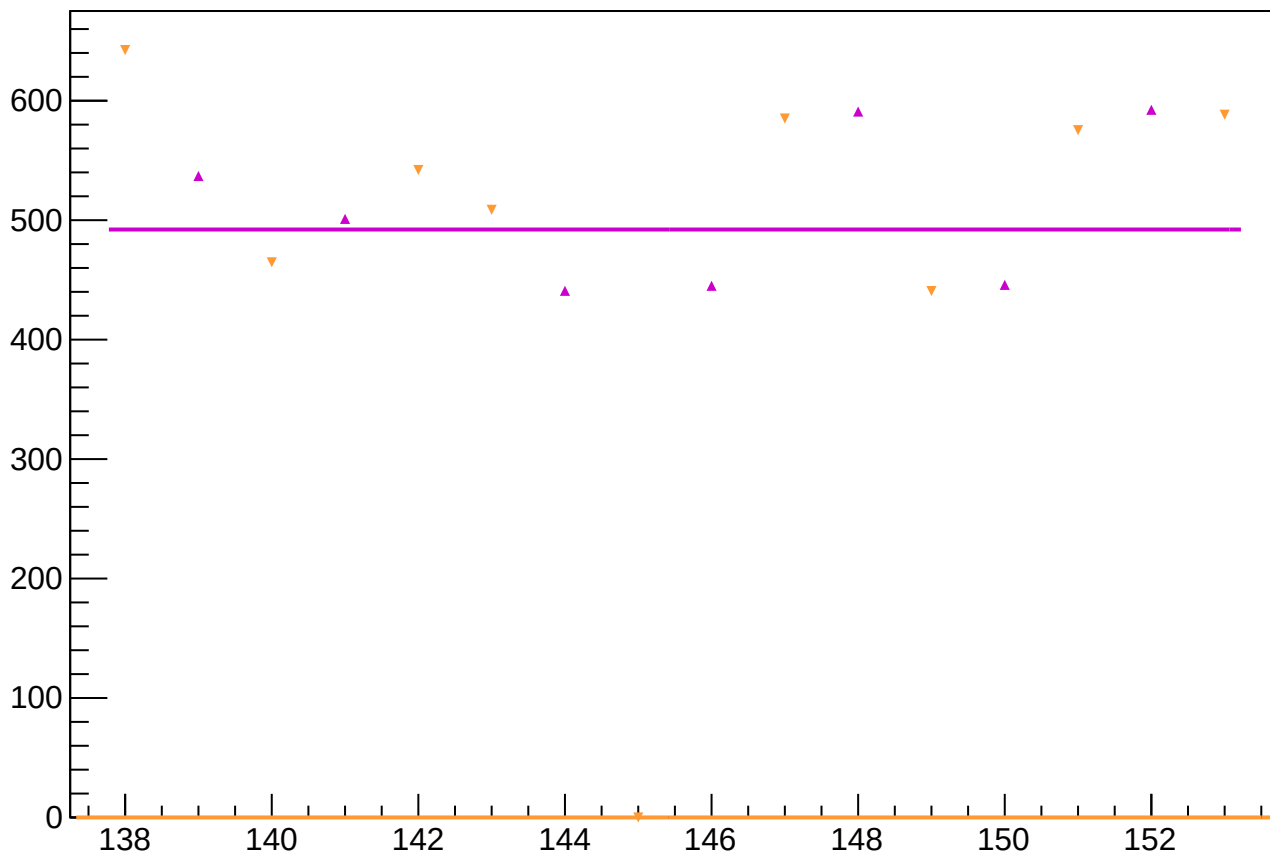
Left In: 474.339+/-206.736 χ^2/NDF : 6.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF :11510488.3/8

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

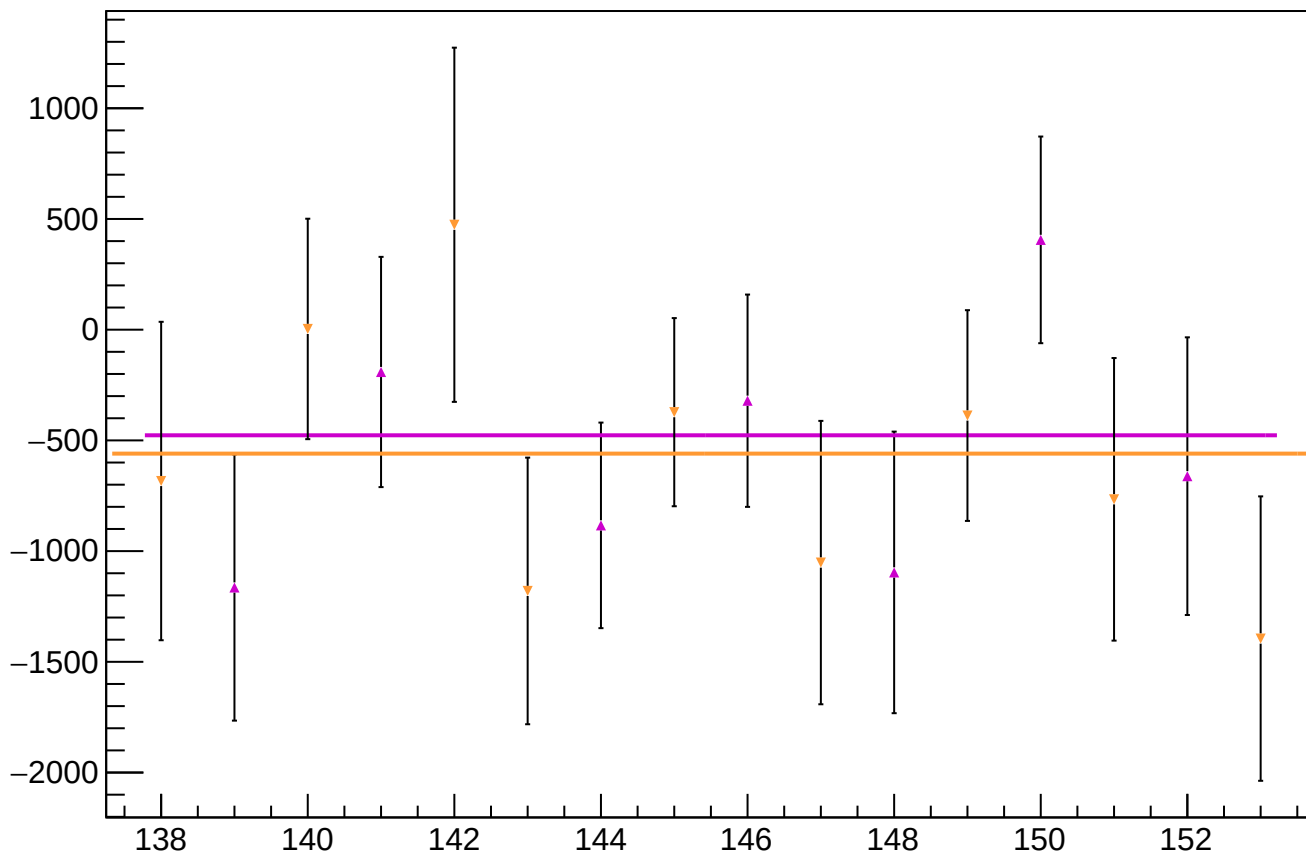
Left In: 492.188+/-0.146 χ^2/NDF :162479.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23008952.2/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -559.715 $\pm$ 190.449 χ^2 /NDF:6.8/8

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

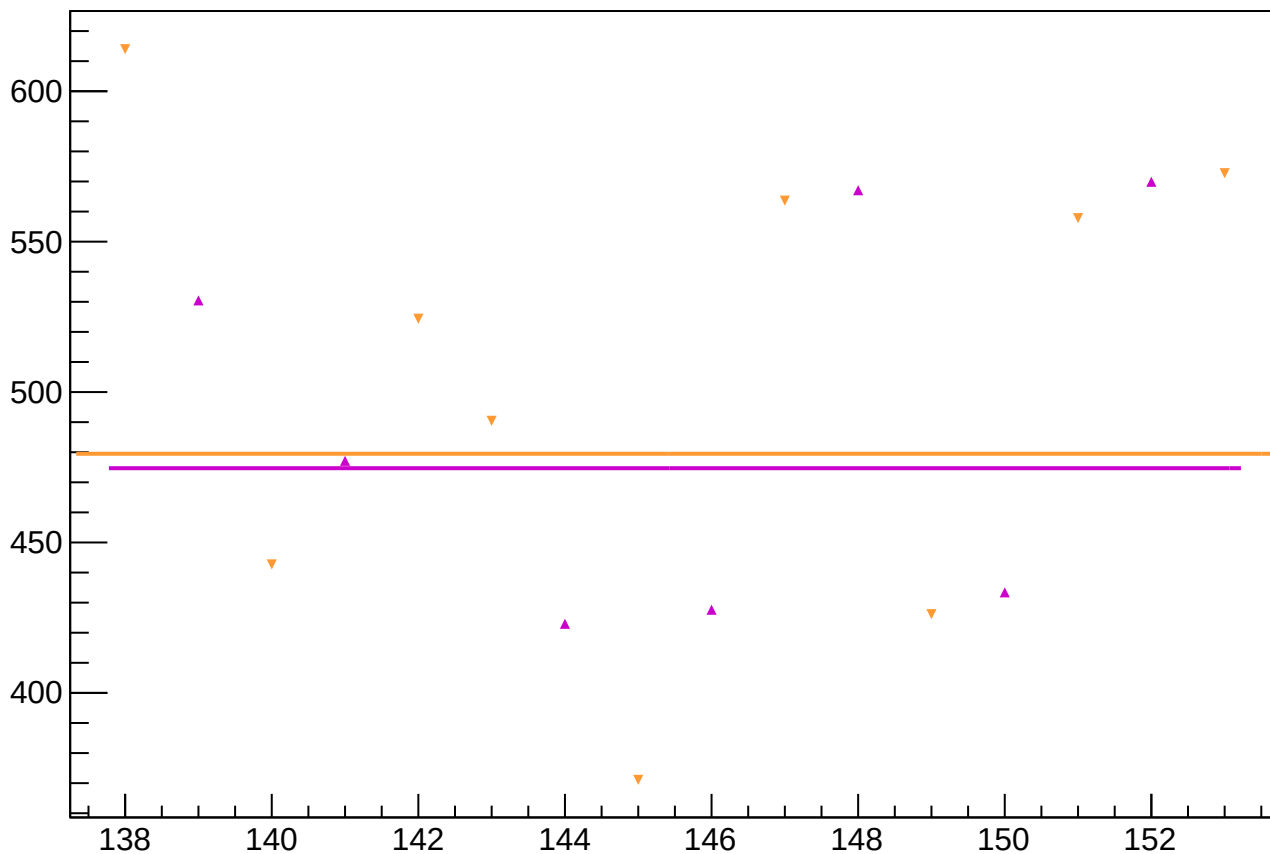
Left In: -476.950 $\pm$ 199.731 χ^2 /NDF:7.1/6

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

All: -520.300 $\pm$ 137.832 χ^2 /NDF: 13.9/15

- sign 0.000 $\pm$ 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: 479.490+/-0.135 χ^2/NDF : 350039.5/8

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

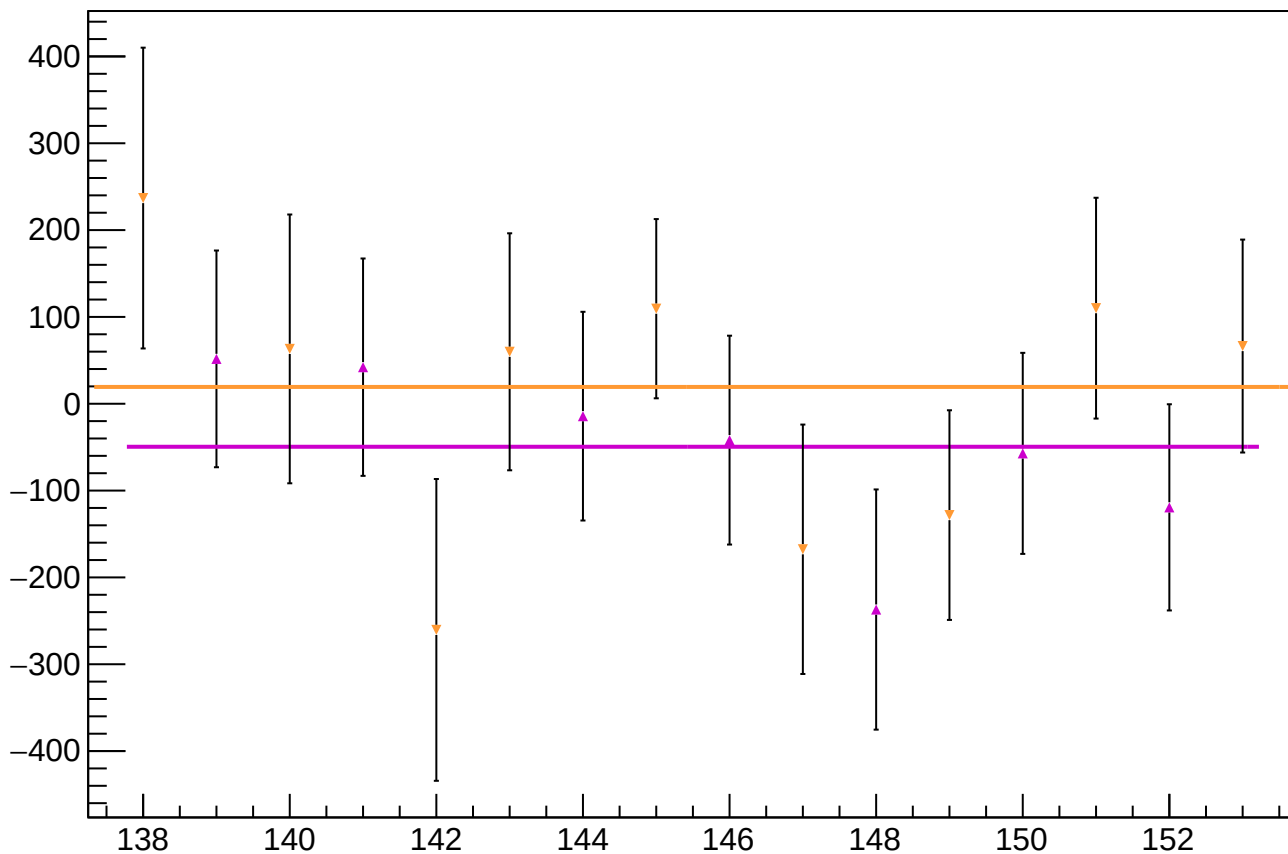
Left In: 474.689+/-0.141 χ^2/NDF : 165344.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.204+/-0.097 χ^2/NDF : 515988.7/15

- 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: 19.361+/-44.667 χ^2/NDF : 8.9/8

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

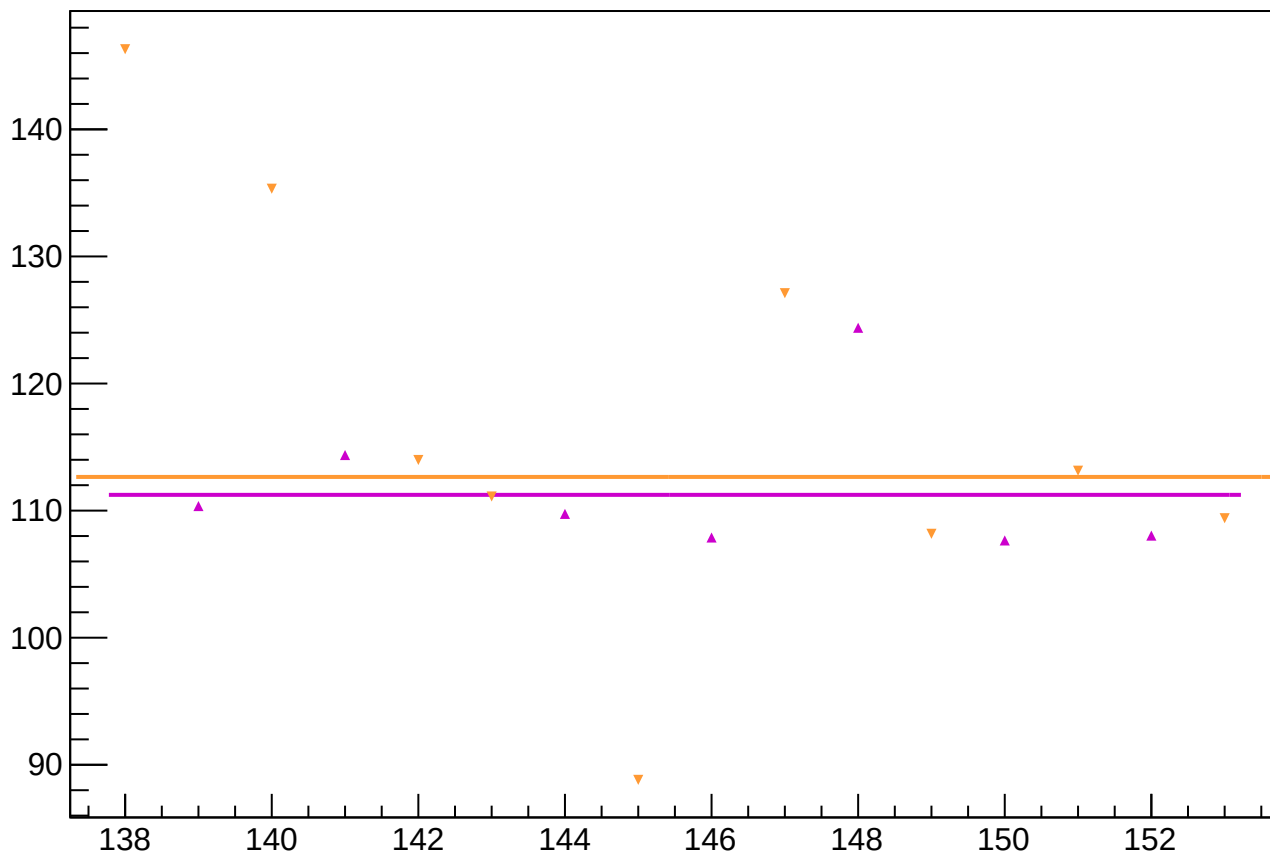
Left In: -49.534+/-46.413 χ^2/NDF : 3.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.766+/-32.184 χ^2/NDF : 13.6/15

- 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: 112.651+/-0.032 χ^2/NDF : 249942.7/8

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

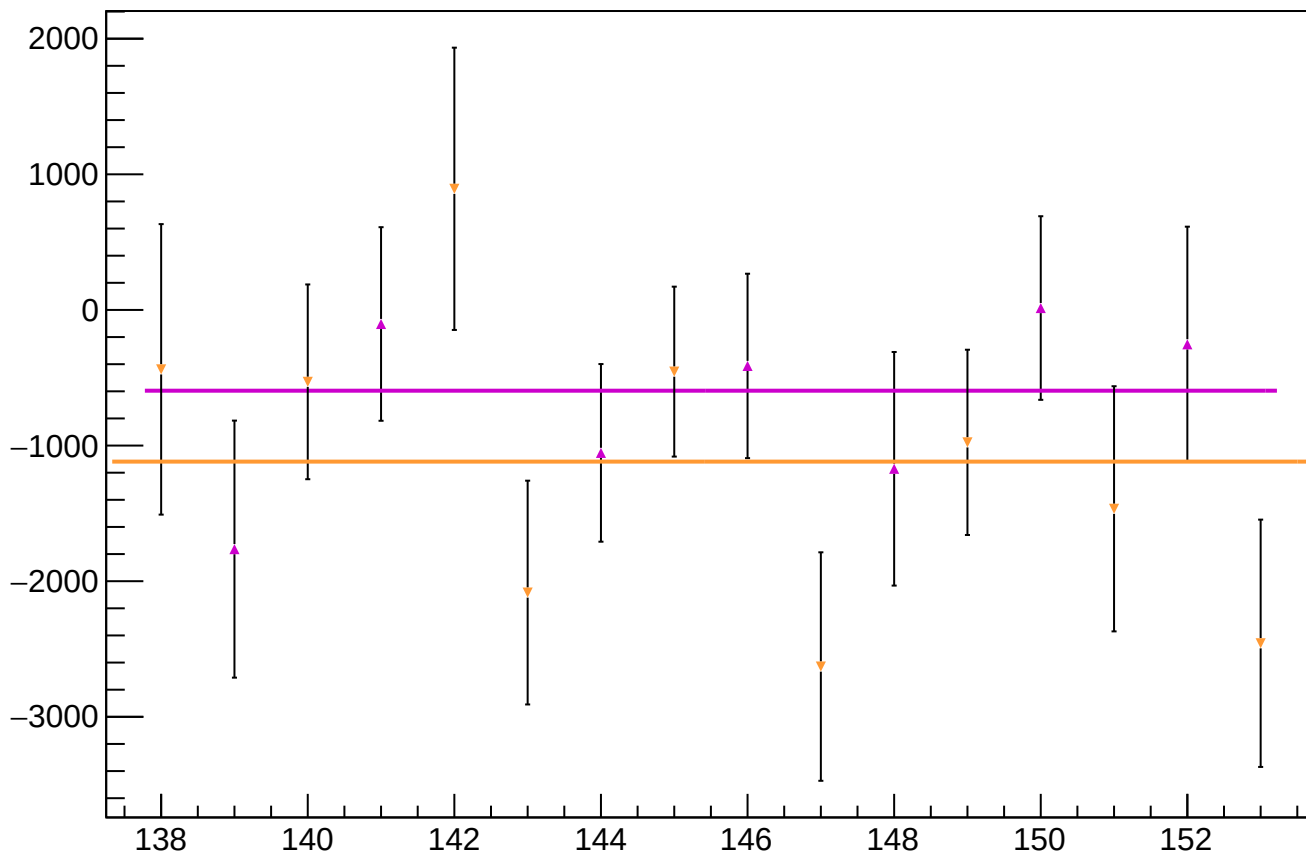
Left In: 111.241+/-0.033 χ^2/NDF : 24672.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.973+/-0.023 χ^2/NDF : 275573.8/15

- 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: -1118.255+/-269.853 χ^2/NDF :12.9/8

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

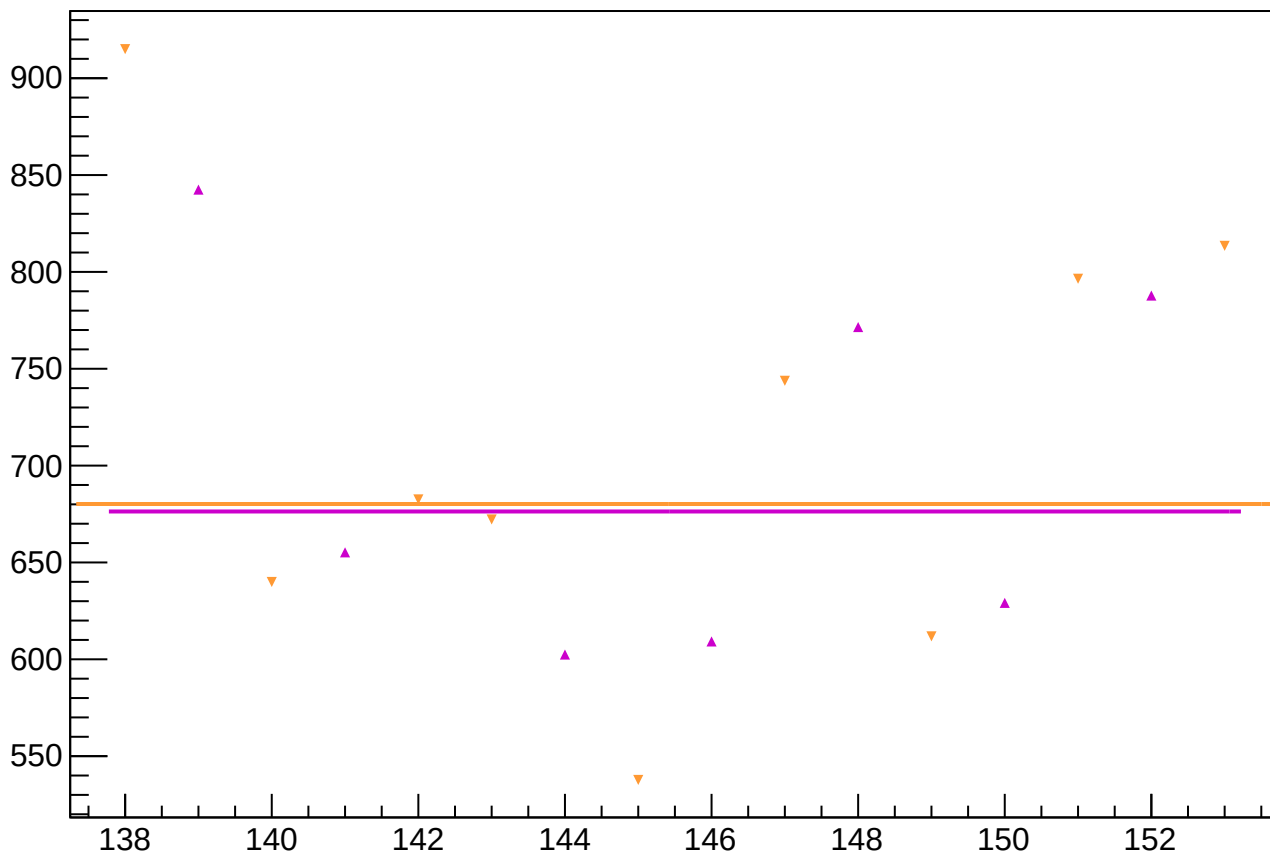
Left In: -595.421+/-283.614 χ^2/NDF :4.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -869.829+/-195.499 χ^2/NDF : 18.6/15

- 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: 680.175+/-0.191 χ^2/NDF : 313320.7/8

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

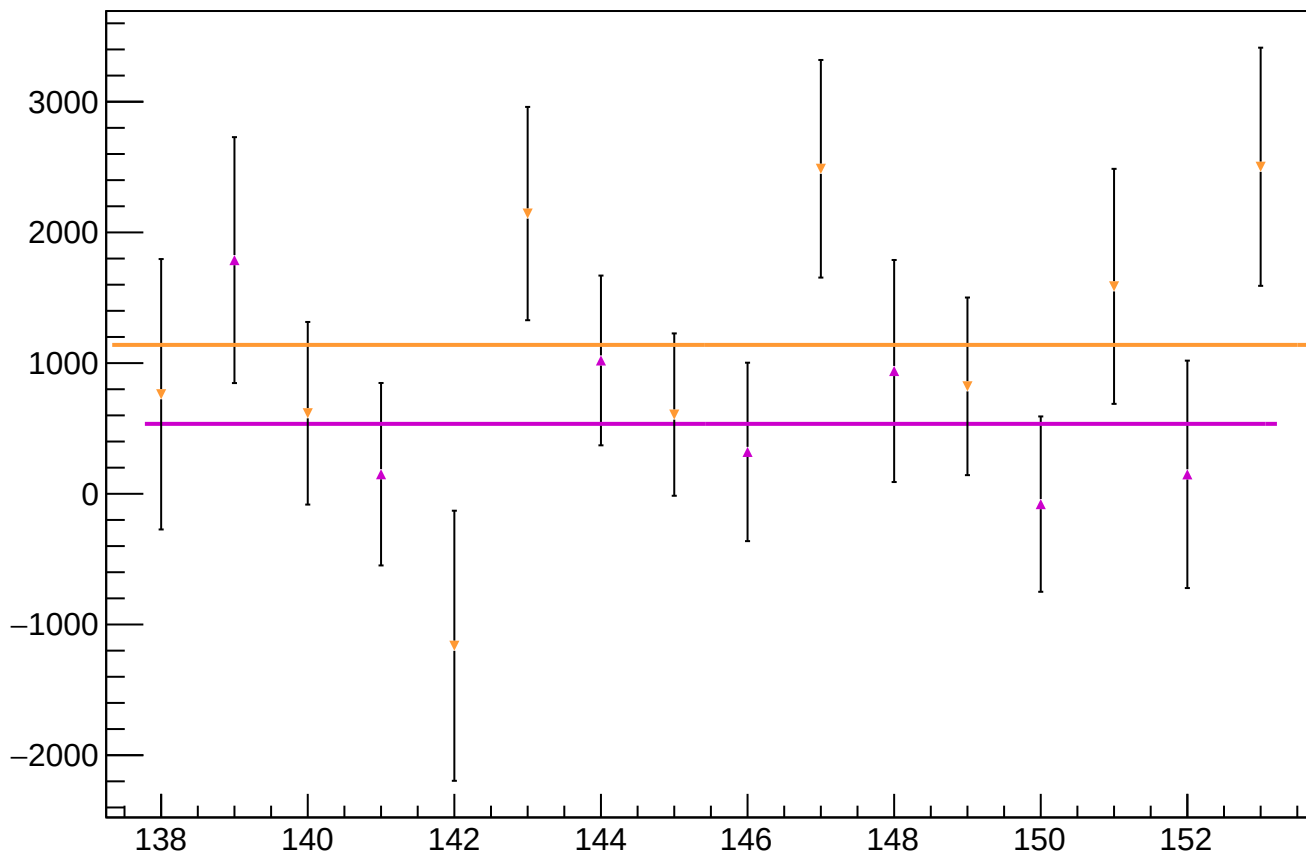
Left In: 676.313+/-0.201 χ^2/NDF : 175363.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 678.340+/-0.138 χ^2/NDF : 488878.5/15

- 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: 1139.350+/-266.663 χ^2/NDF : 13.2/8

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

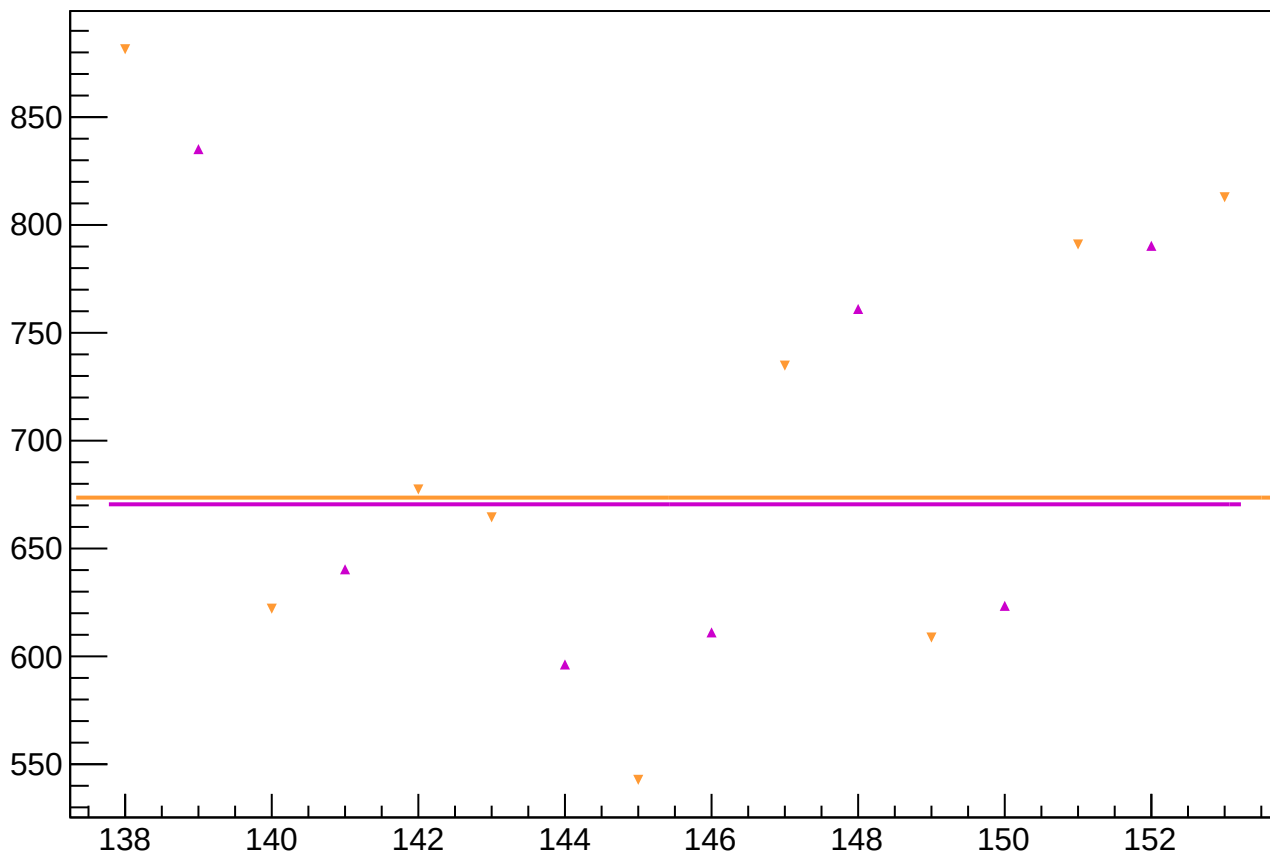
Left In: 535.172+/-281.409 χ^2/NDF : 4.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.505+/-193.562 χ^2/NDF : 19.7/15

- 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: 673.604+/-0.189 χ^2/NDF :290439.7/8

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

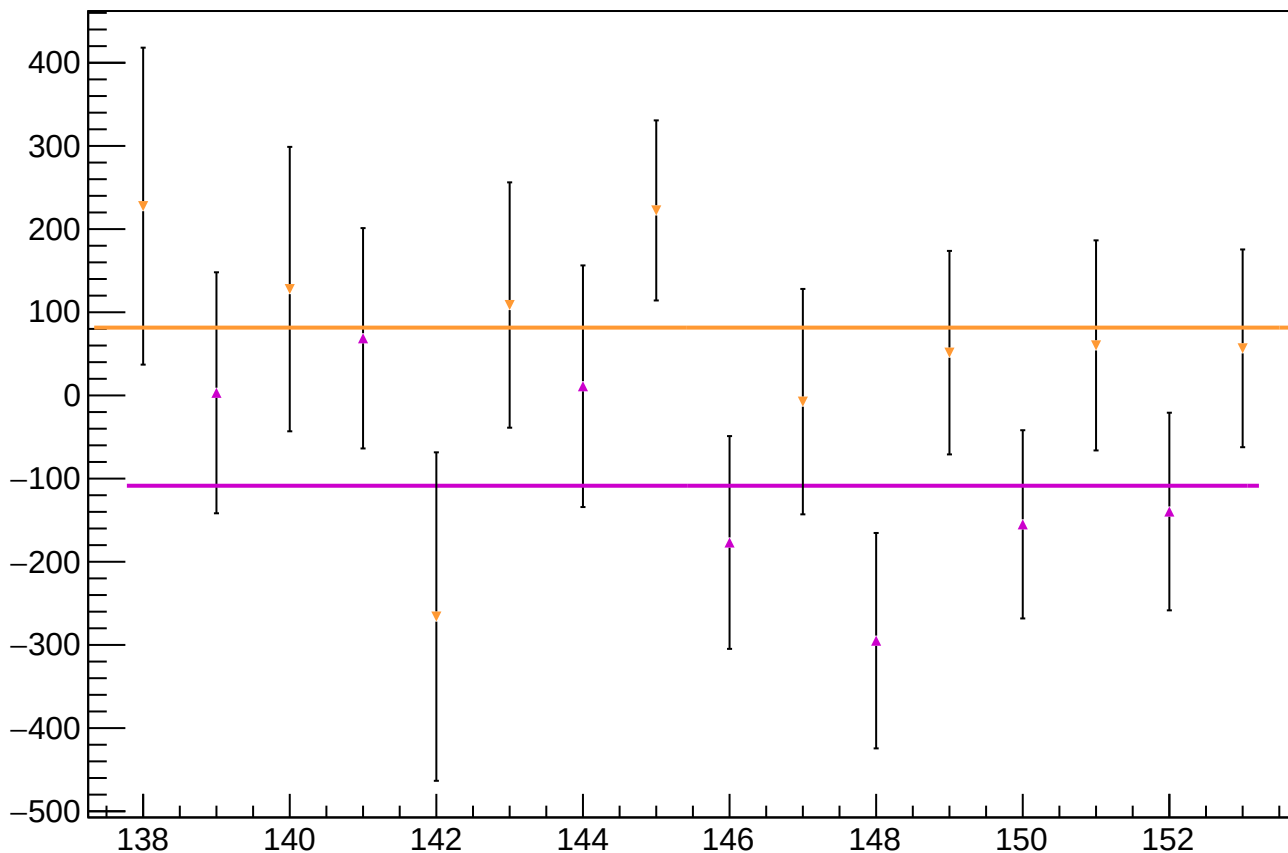
Left In: 670.495+/-0.199 χ^2/NDF :176791.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.133+/-0.137 χ^2/NDF : 467359.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 81.552 $\pm$ 45.963 χ^2 /NDF:6.0/8

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

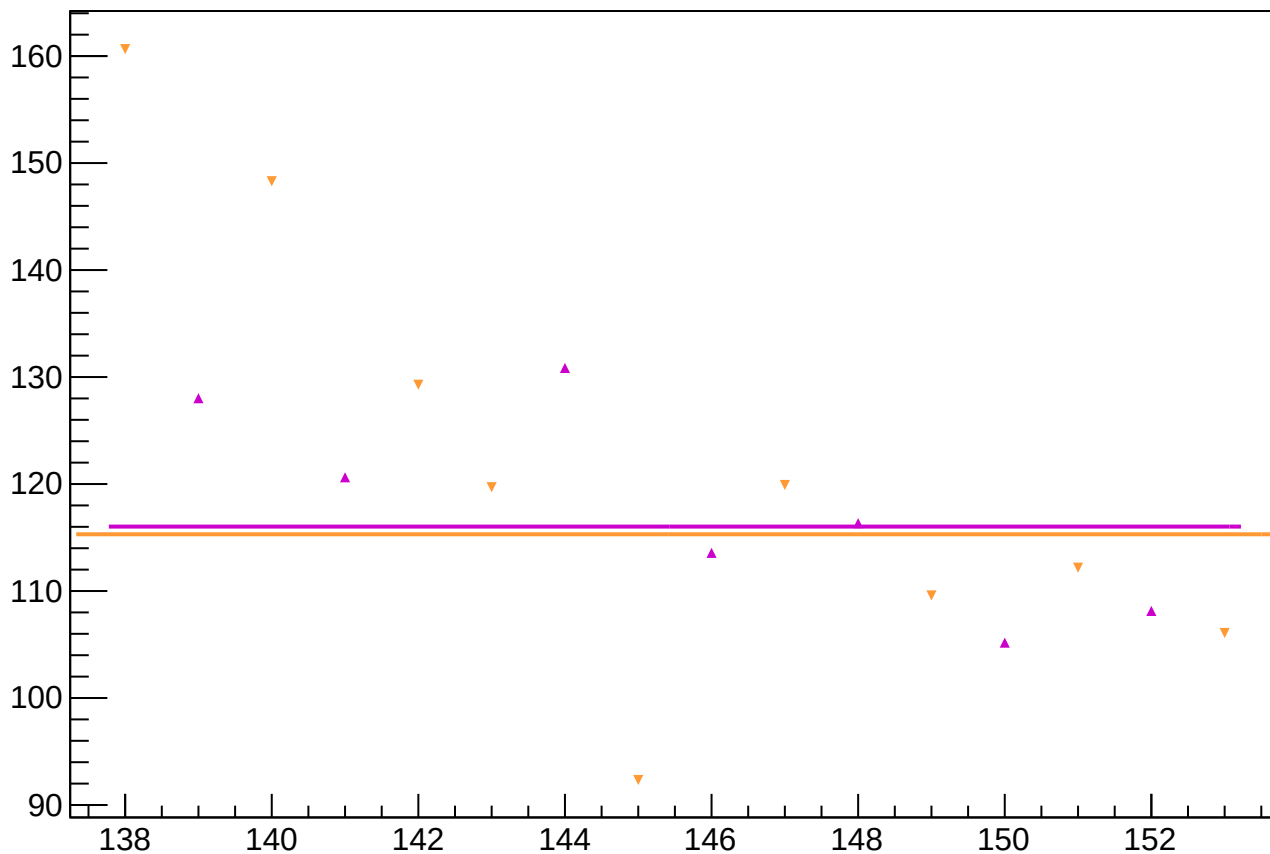
Left In: -108.587 $\pm$ 48.700 χ^2 /NDF:5.7/6

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

All: -8.025 $\pm$ 33.427 χ^2 /NDF: 19.8/15

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

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 115.303+/-0.033 χ^2/NDF : 309450.2/8

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

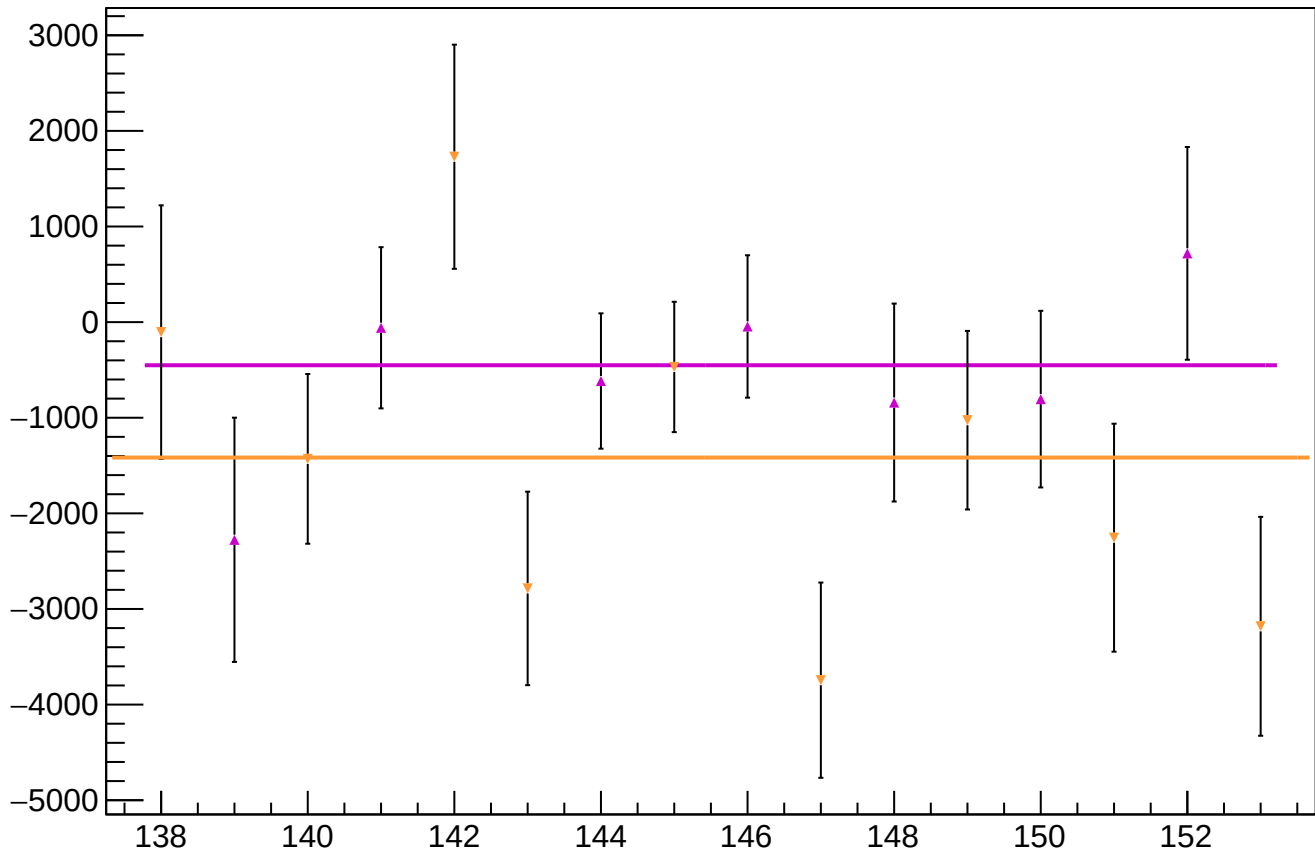
Left In: 116.023+/-0.034 χ^2/NDF : 64901.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.642+/-0.024 χ^2/NDF : 374583.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1416.528+/-328.481 χ^2/NDF : 20.2/8

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

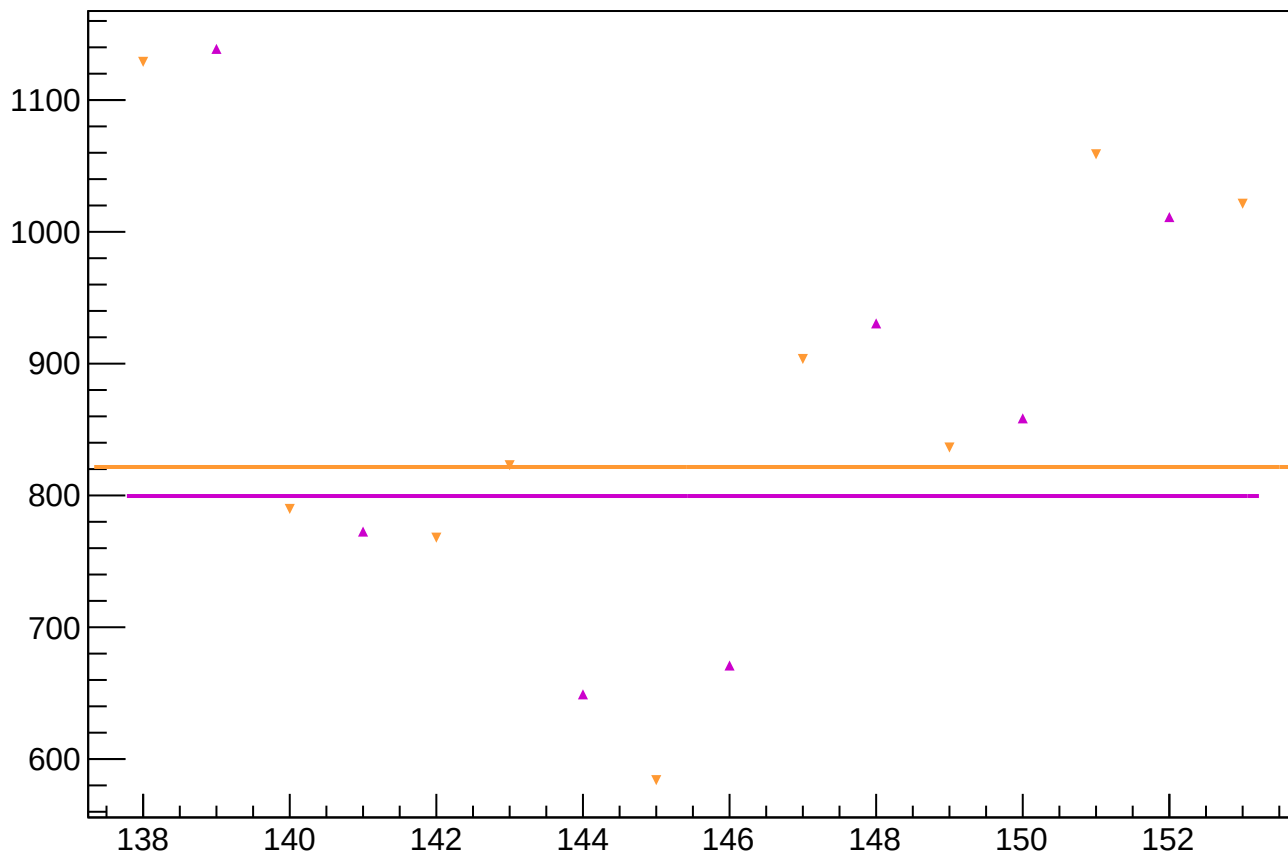
Left In: -451.052+/-338.374 χ^2/NDF : 4.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -948.110+/-235.691 χ^2/NDF : 28.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 821.592+/-0.232 χ^2/NDF : 510710.4/8

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

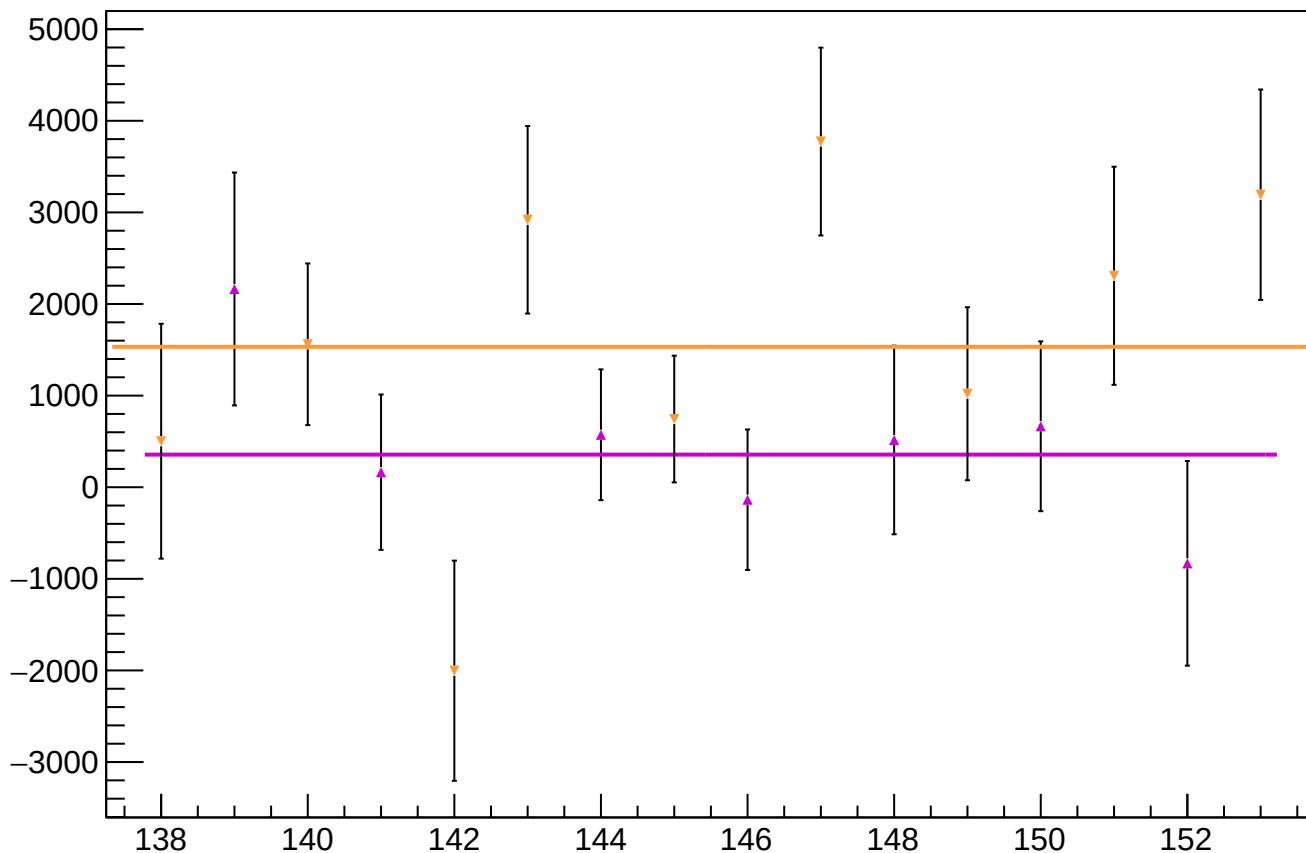
Left In: 799.573+/-0.239 χ^2/NDF : 405807.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 810.909+/-0.167 χ^2/NDF : 920878.2/15

- 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: 1532.689+/-330.270 χ^2/NDF : 20.0/8

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

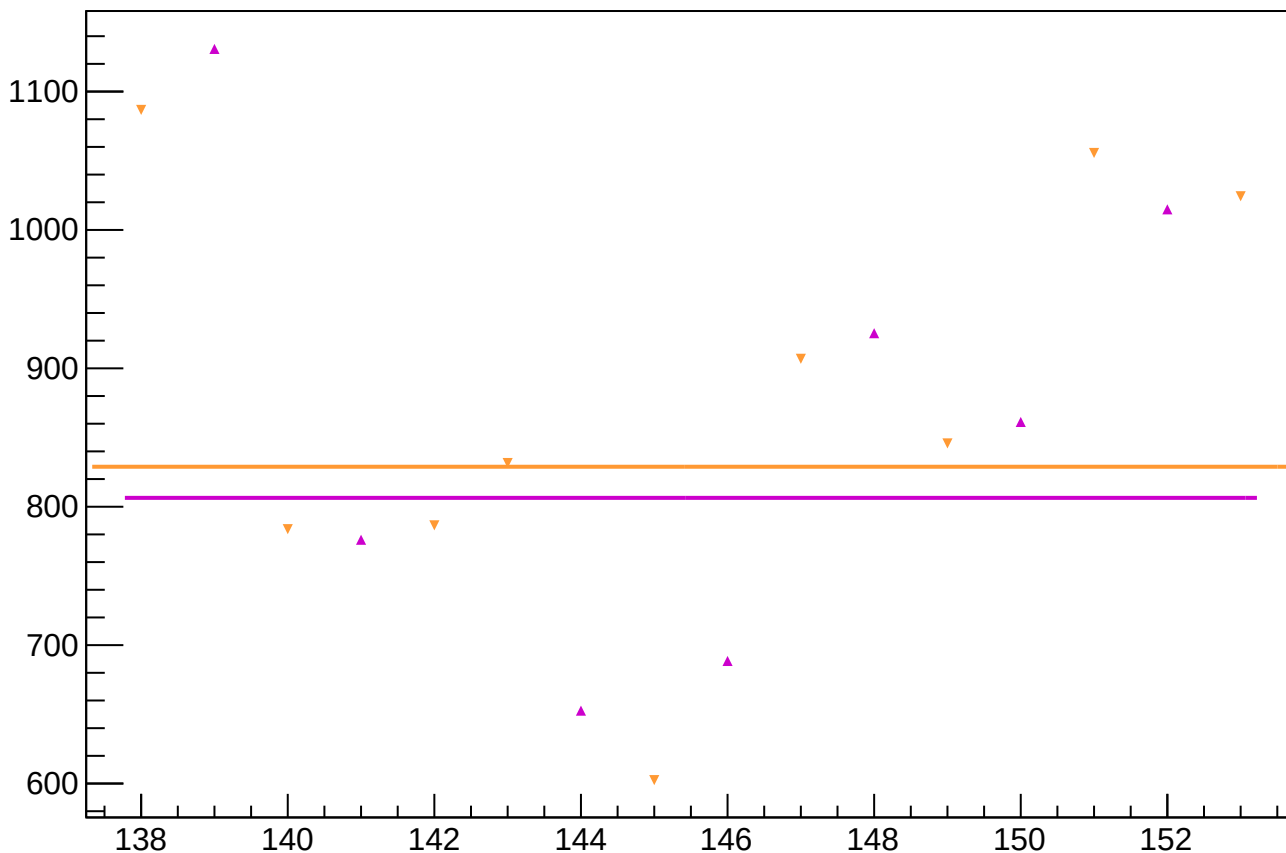
Left In: 355.937+/-341.413 χ^2/NDF : 3.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.830+/-237.378 χ^2/NDF : 30.0/15

- 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: 828.903+/-0.234 χ^2/NDF : 445812.7/8

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

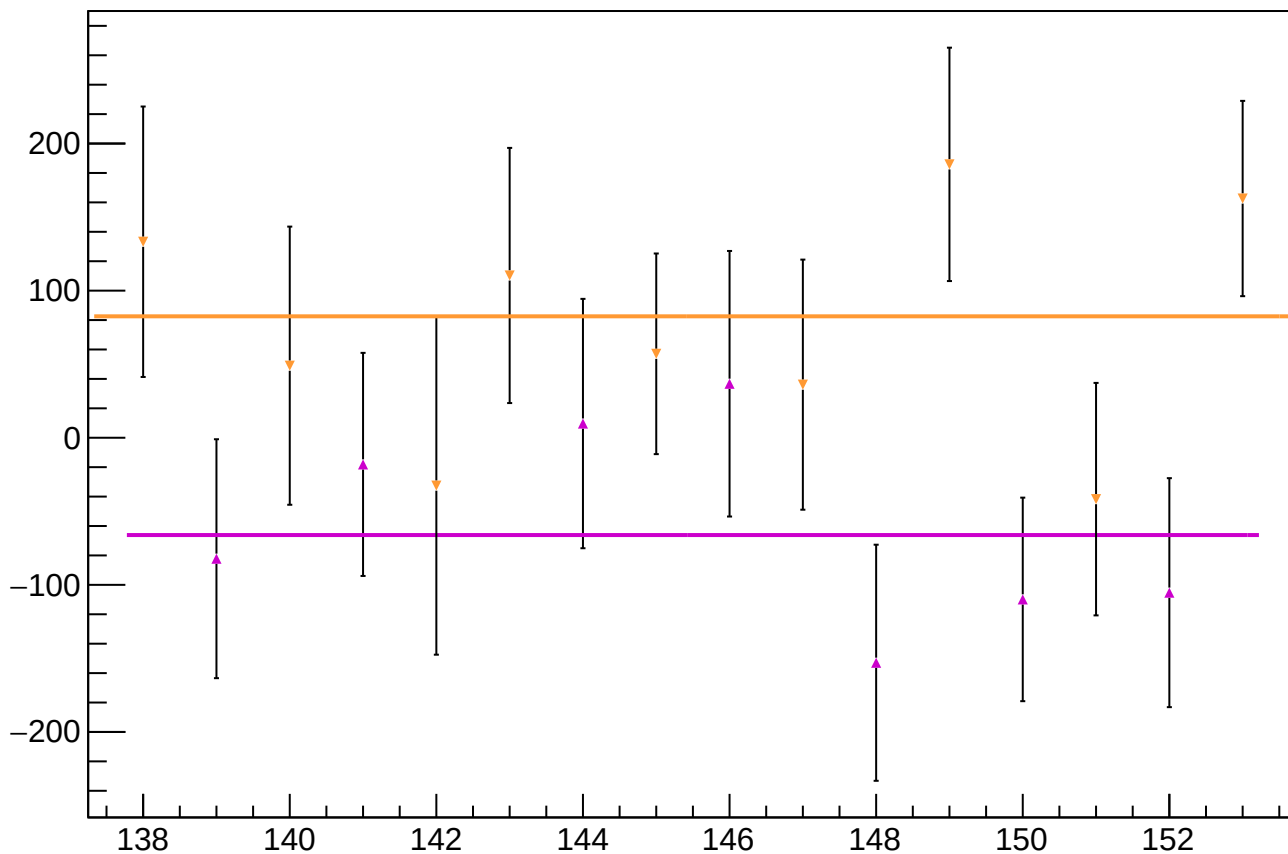
Left In: 806.414+/-0.241 χ^2/NDF : 376152.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 818.031+/-0.168 χ^2/NDF : 826448.0/15

- 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: 82.543+/-27.336 χ^2/NDF : 7.6/8

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

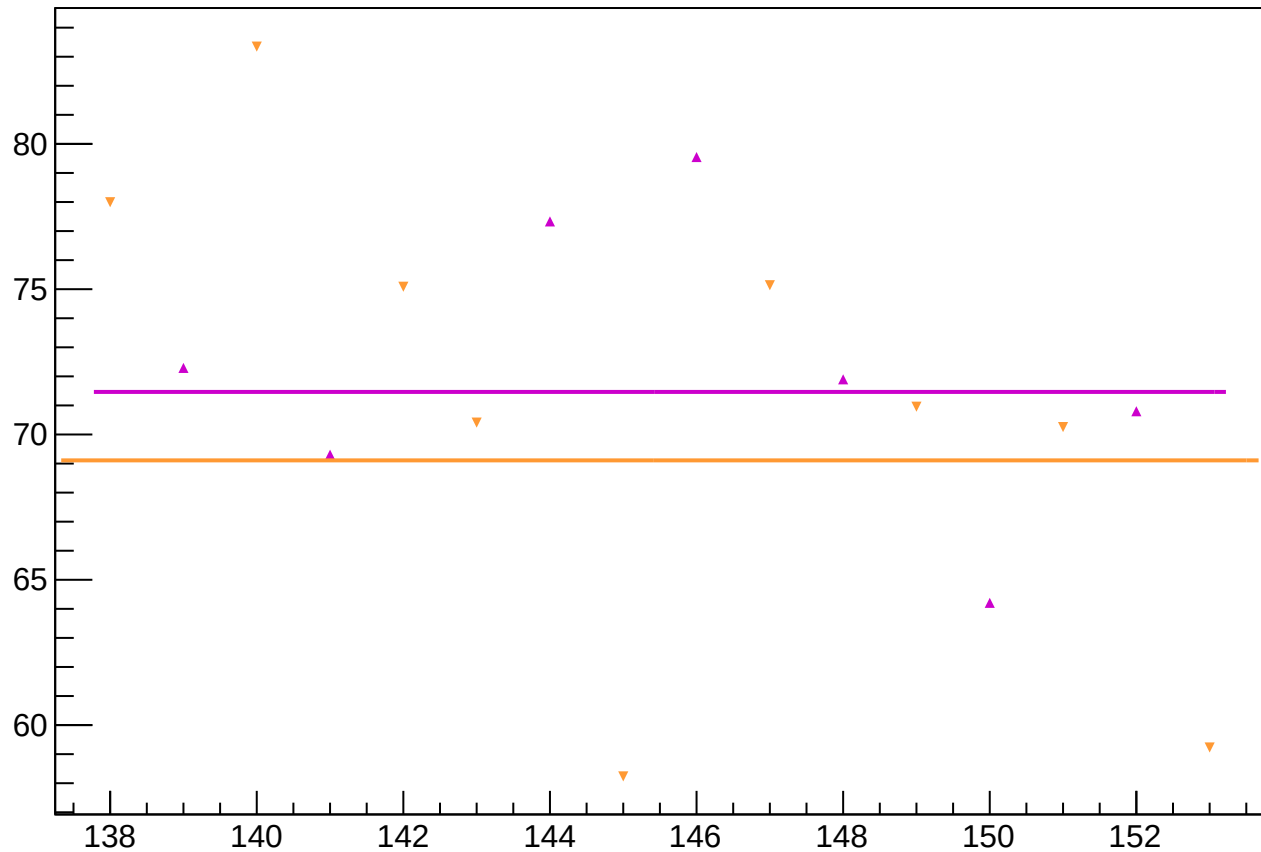
Left In: -66.145+/-29.924 χ^2/NDF : 4.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.907+/-20.182 χ^2/NDF : 25.4/15

- 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: 69.109+/-0.019 χ^2/NDF :176609.1/8

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

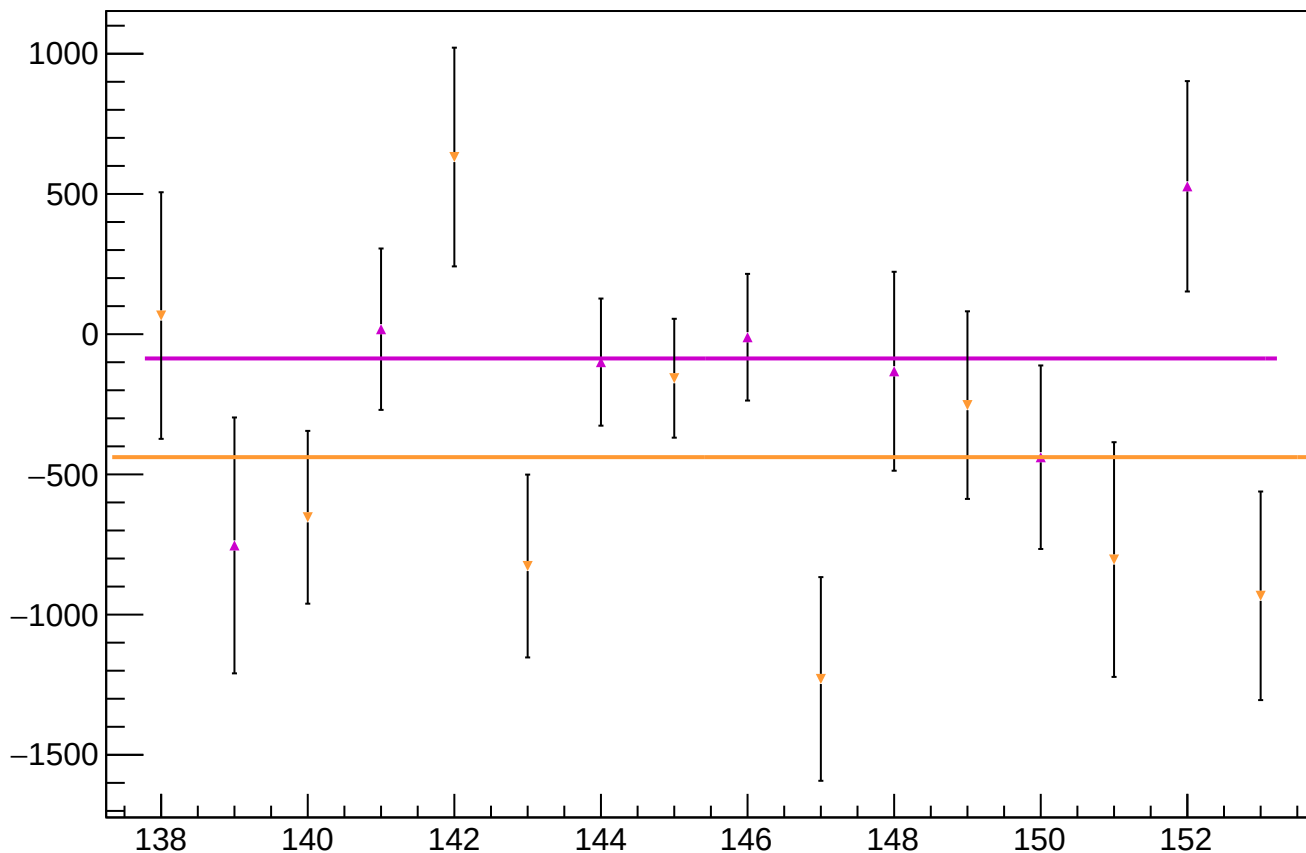
Left In: 71.465+/-0.021 χ^2/NDF :49666.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.181+/-0.014 χ^2/NDF : 233031.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -438.472+/-109.494 χ^2/NDF :20.1/8

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

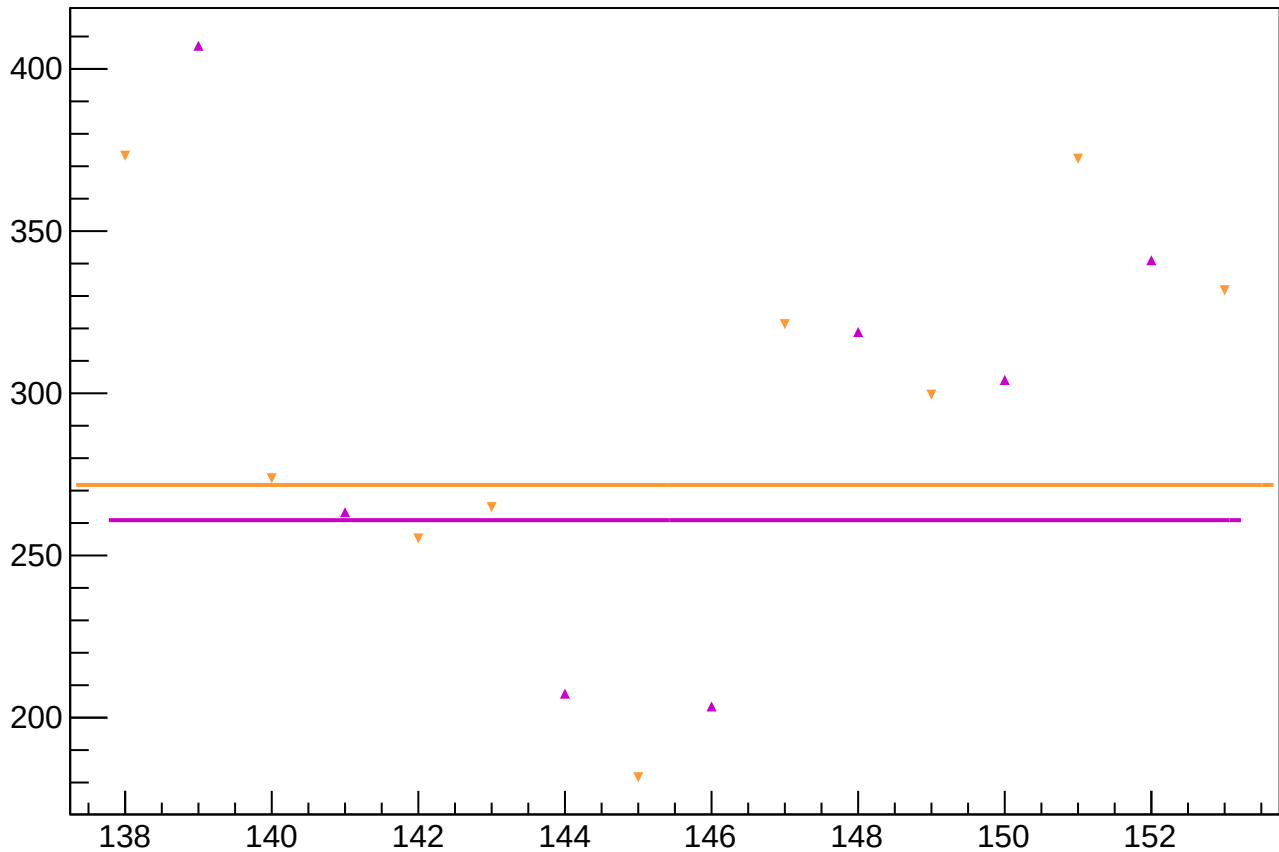
Left In: -86.559+/-111.563 χ^2/NDF :6.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.808+/-78.145 χ^2/NDF : 31.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 271.747+/-0.077 χ^2/NDF : 691552.6/8

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

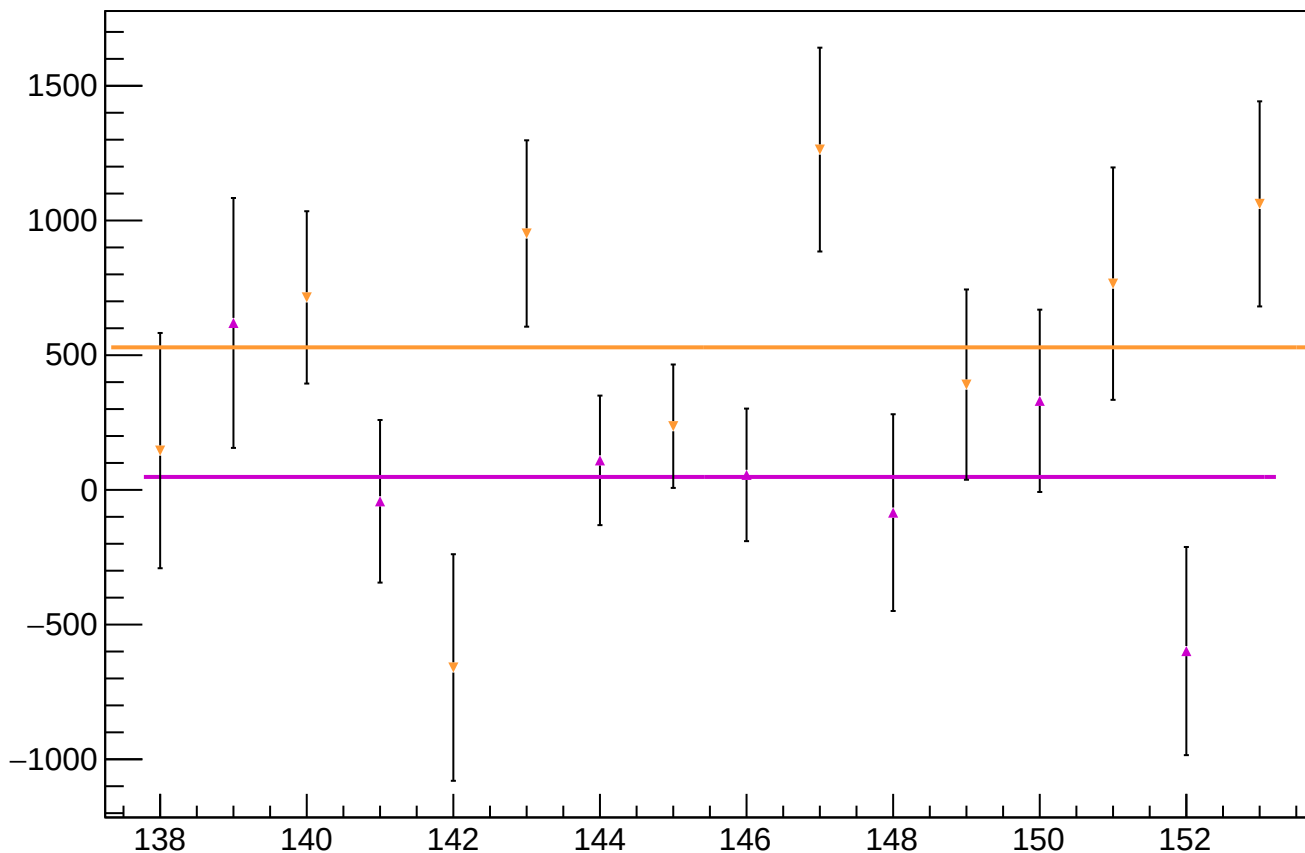
Left In: 260.889+/-0.079 χ^2/NDF : 626036.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.419+/-0.055 χ^2/NDF : 1327238.1/15

- 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: 529.159+/-115.193 χ^2/NDF : 18.4/8

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

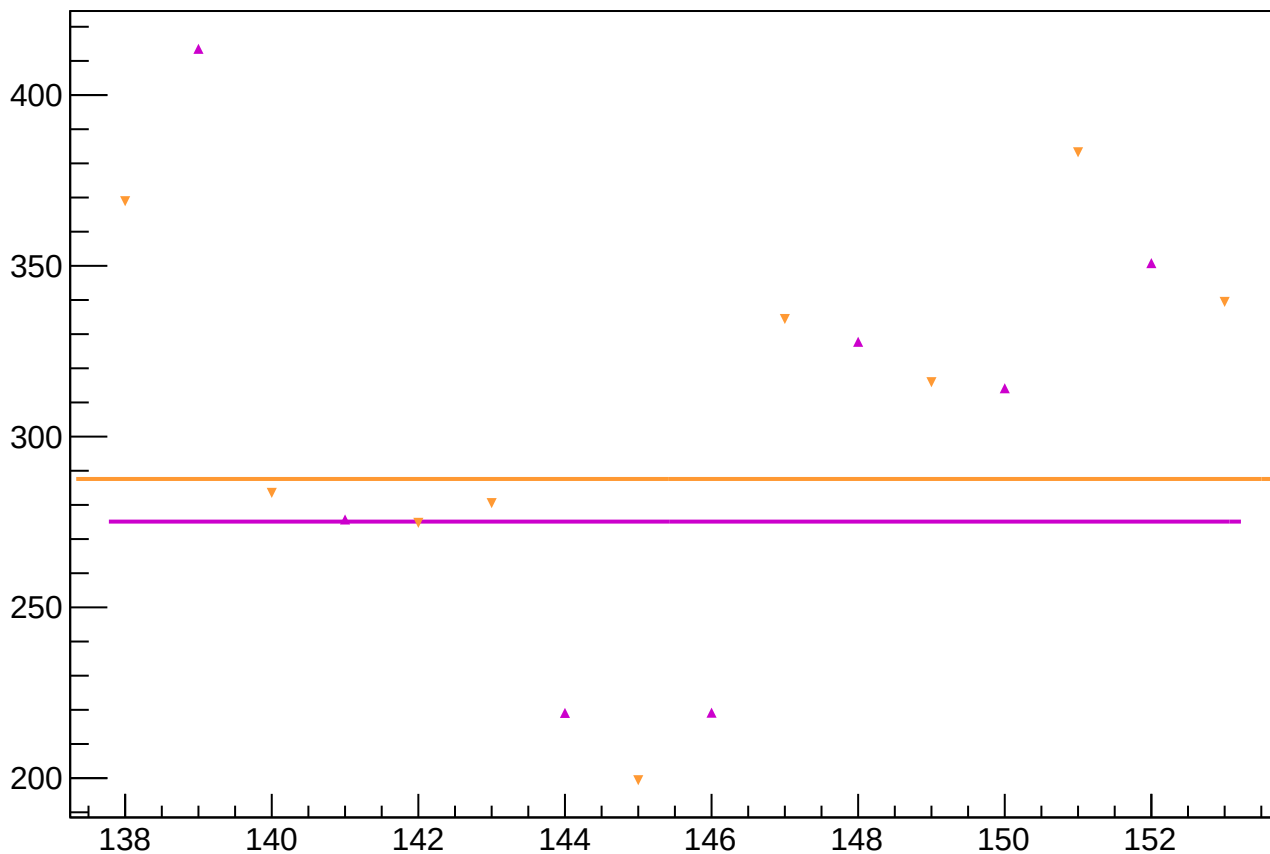
Left In: 48.078+/-117.544 χ^2/NDF : 5.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.478+/-82.272 χ^2/NDF : 32.2/15

- 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: 287.598+/-0.081 χ^2/NDF :547860.1/8

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

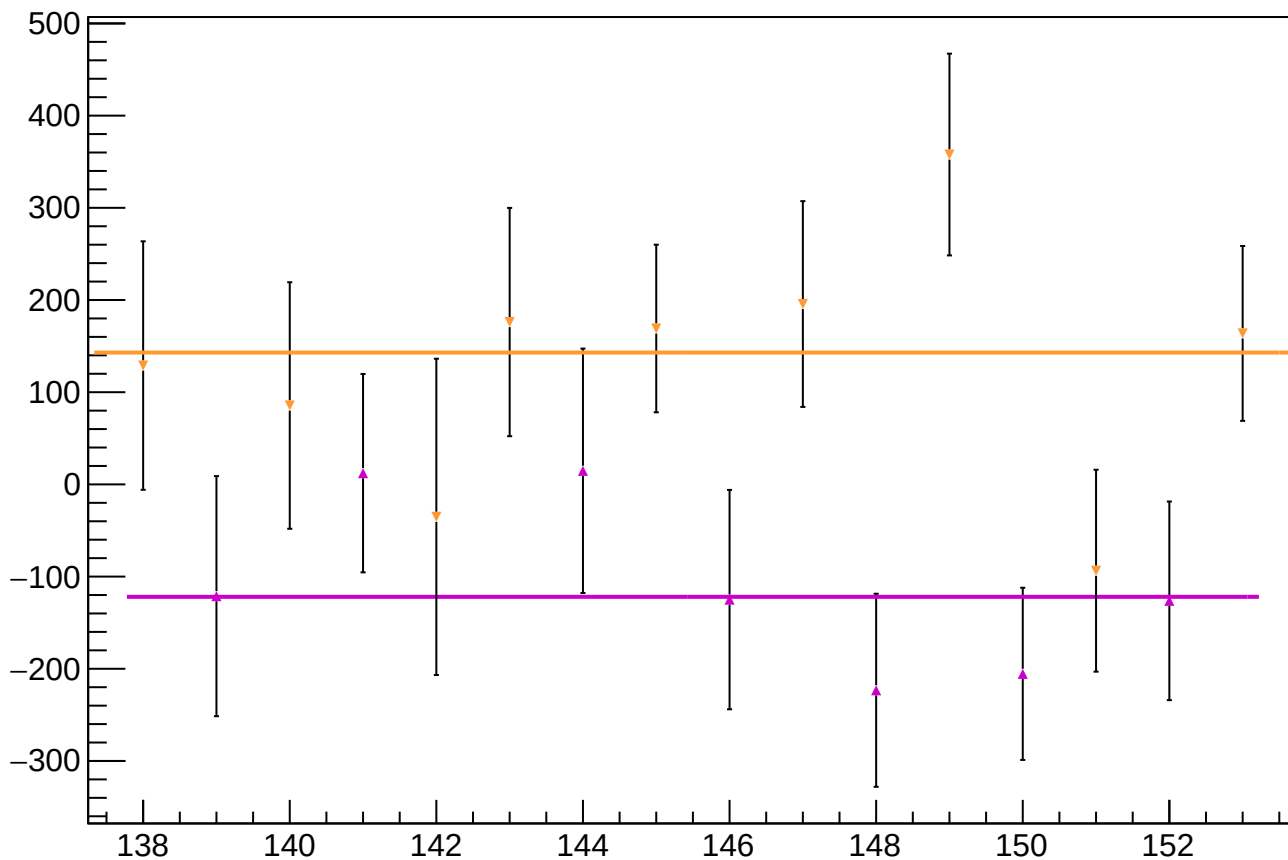
Left In: 275.114+/-0.083 χ^2/NDF :535058.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.482+/-0.058 χ^2/NDF : 1094426.7/15

- 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: 143.018+/-38.079 χ^2/NDF :10.2/8

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

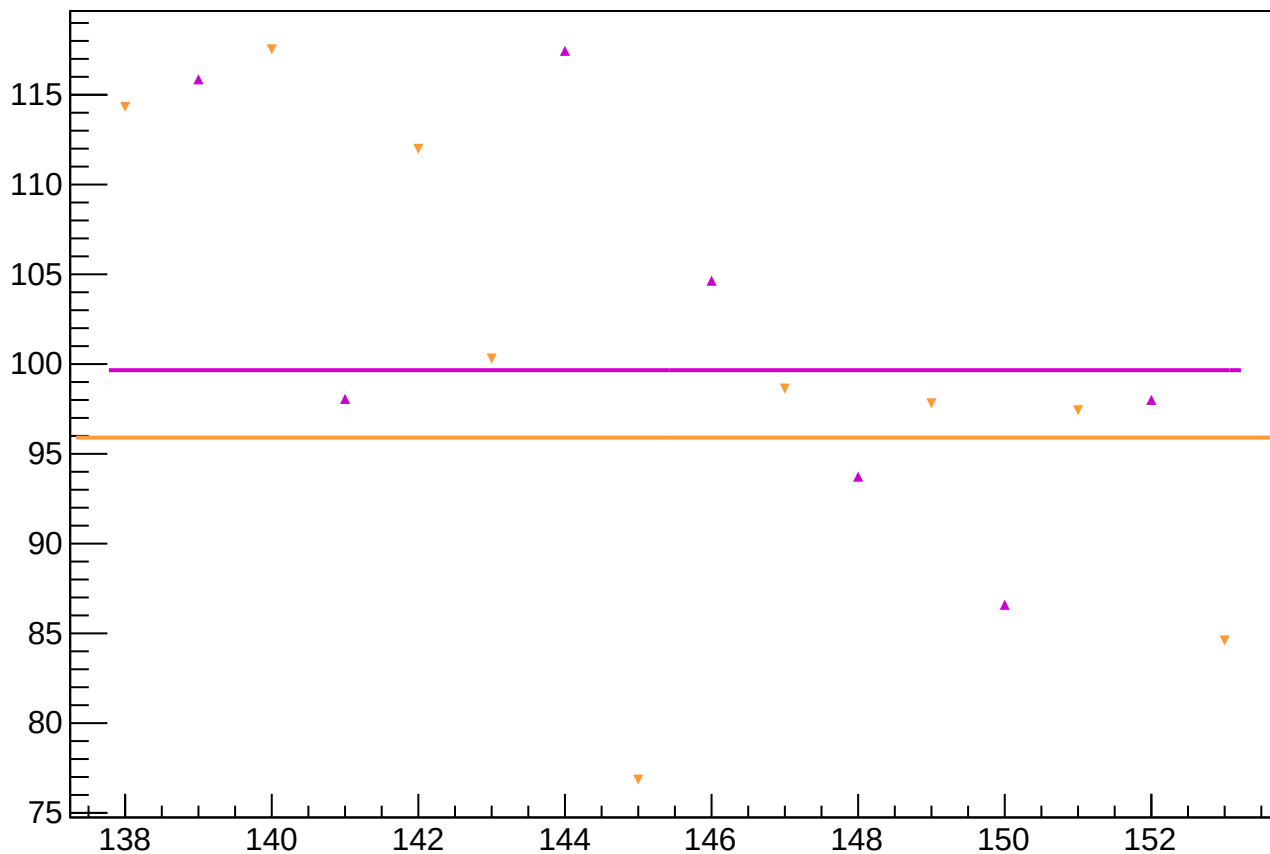
Left In: -121.959+/-42.072 χ^2/NDF :4.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.700+/-28.232 χ^2/NDF : 36.4/15

- 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: 95.905+/-0.027 χ^2/NDF : 228270.6/8

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

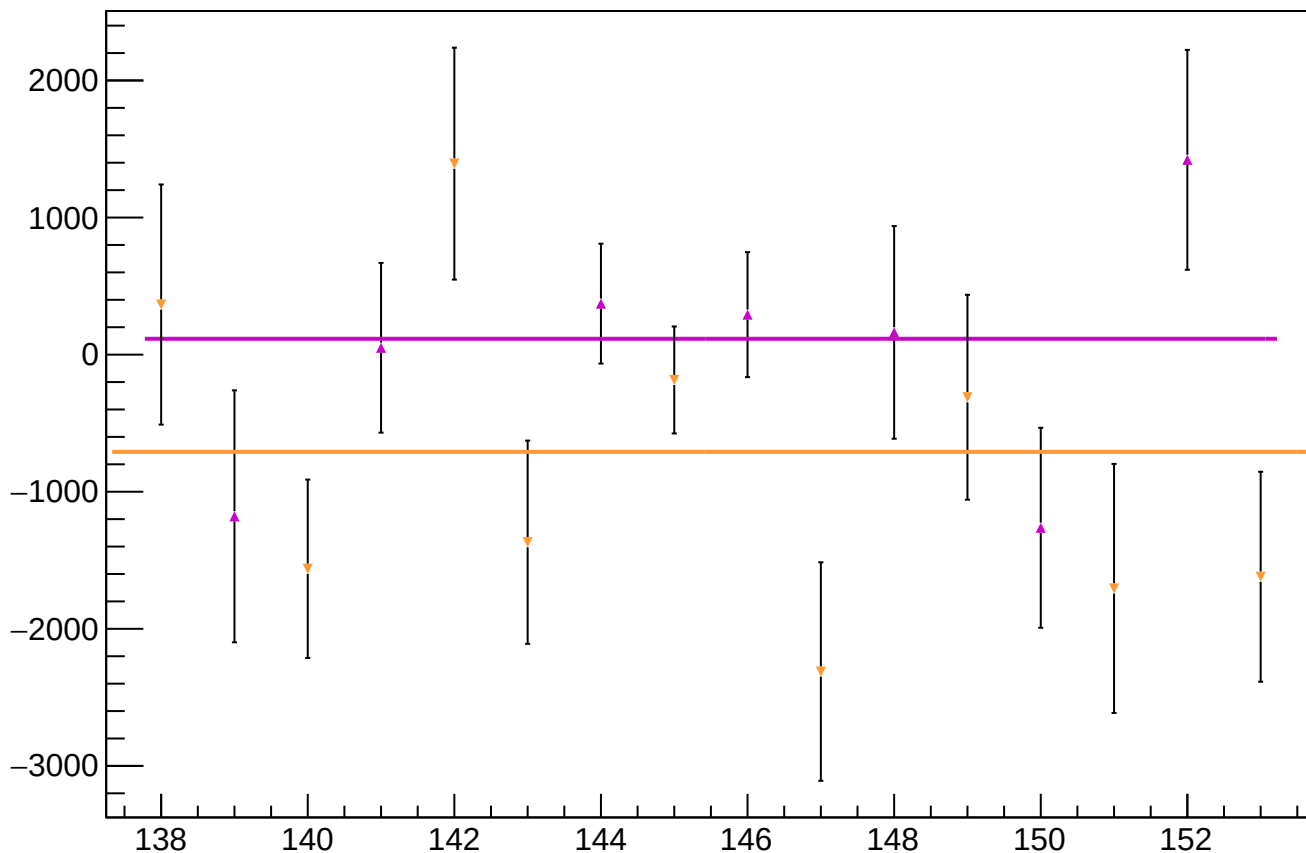
Left In: 99.659+/-0.030 χ^2/NDF : 116960.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.595+/-0.020 χ^2/NDF : 353986.6/15

- 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: -709.110+/-225.101 χ^2/NDF : 18.9/8

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

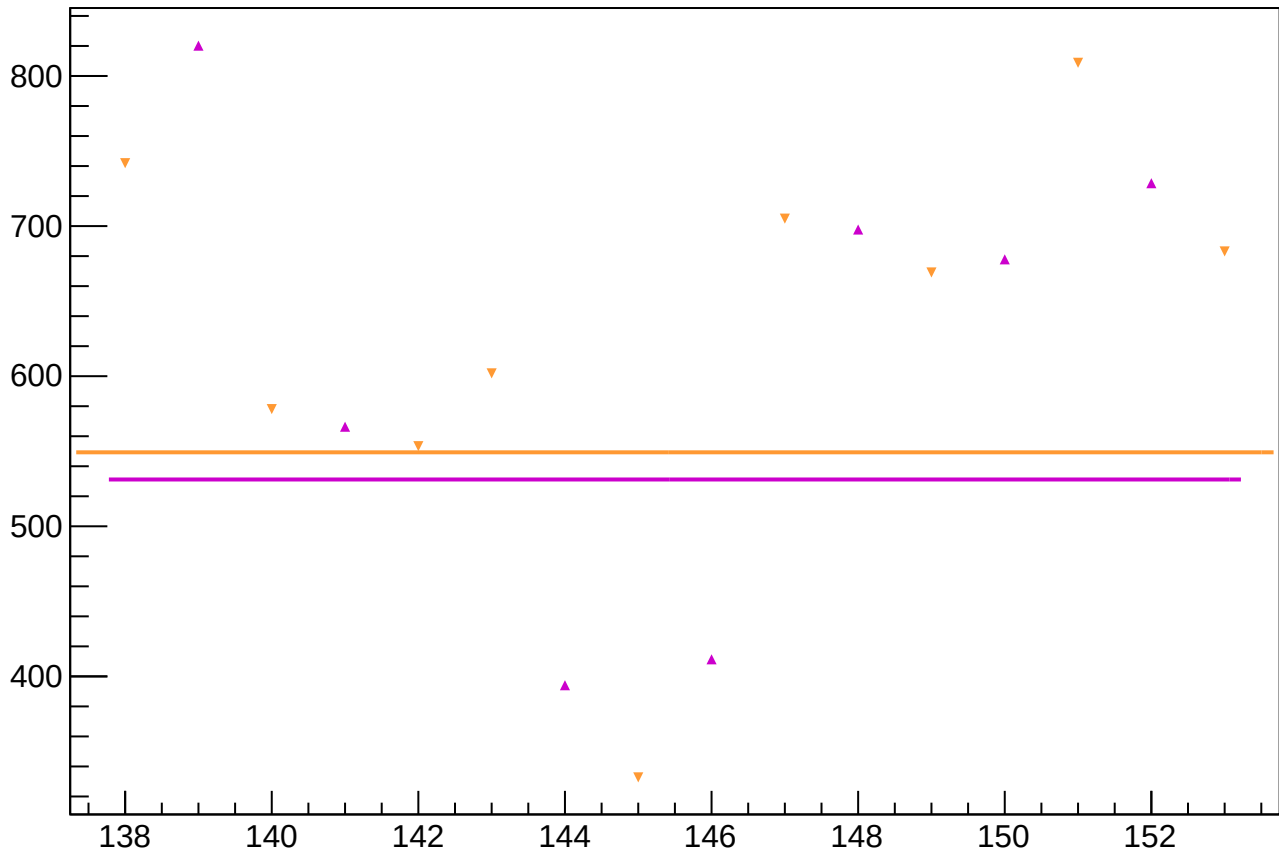
Left In: 115.767+/-229.828 χ^2/NDF : 8.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -305.240+/-160.815 χ^2/NDF : 34.2/15

- 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: 549.286+/-0.159 χ^2/NDF :1079135.7/8

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

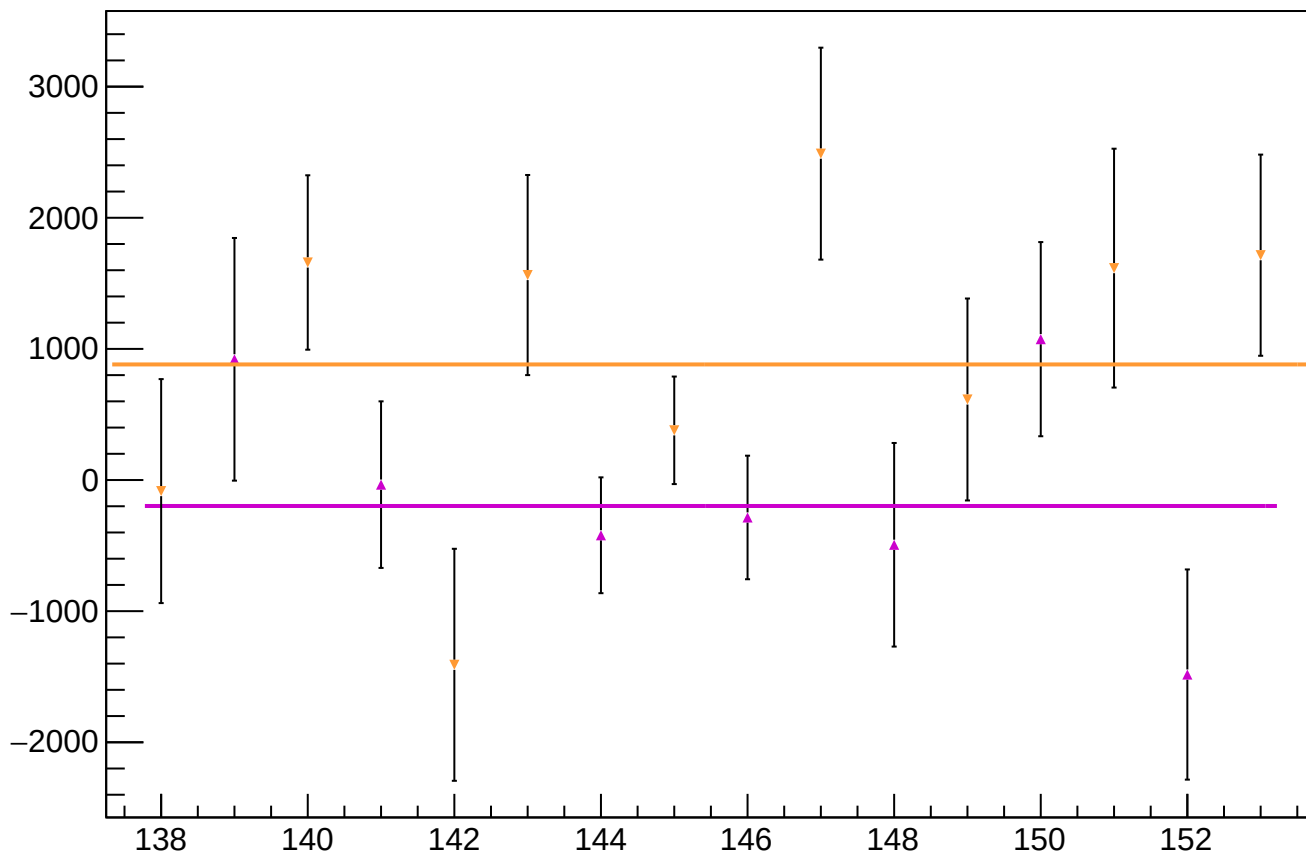
Left In: 531.181+/-0.163 χ^2/NDF :833126.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.422+/-0.114 χ^2/NDF : 1918596.0/15

- 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: 881.541+/-231.267 χ^2/NDF :17.6/8

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

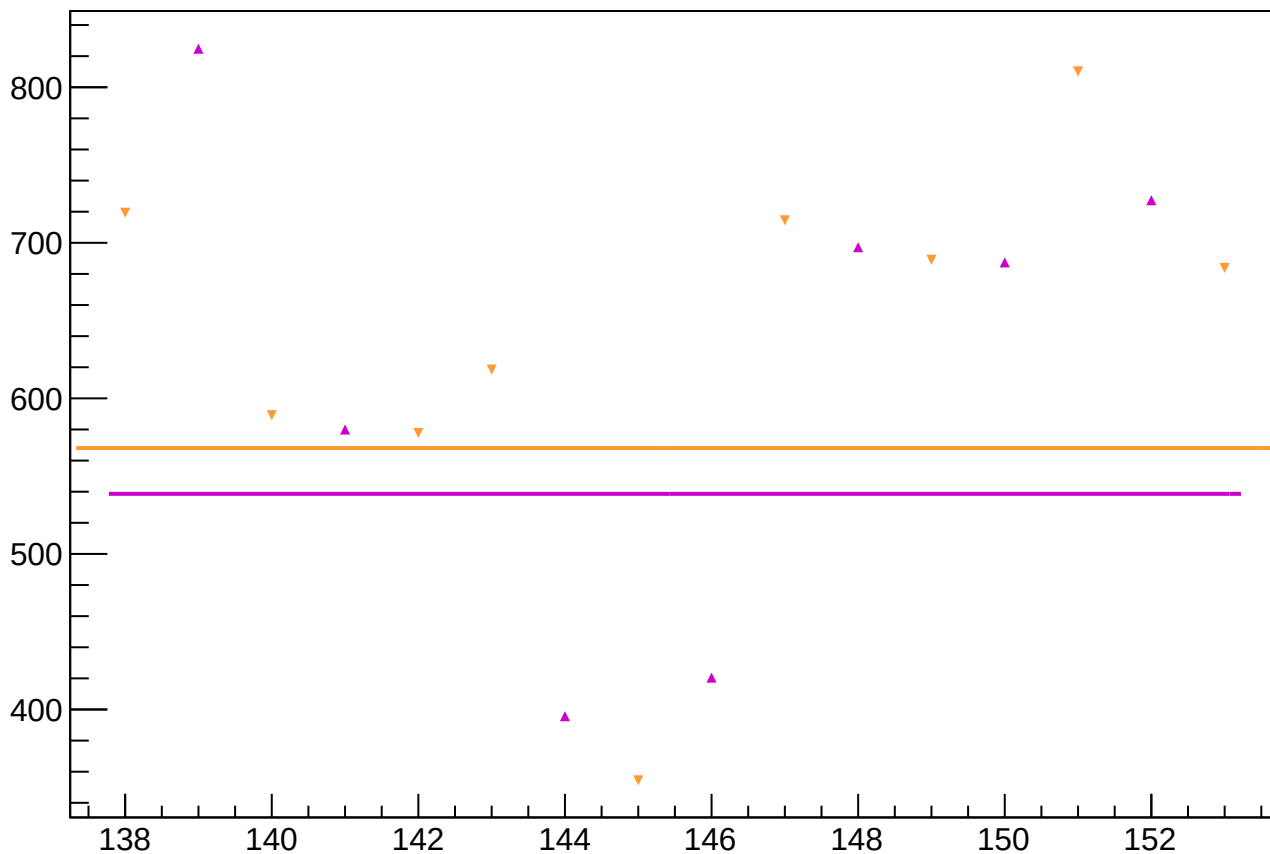
Left In: -197.966+/-233.647 χ^2/NDF :7.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.314+/-164.365 χ^2/NDF : 35.8/15

- 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: 568.068+/-0.164 χ^2/NDF : 918461.2/8

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

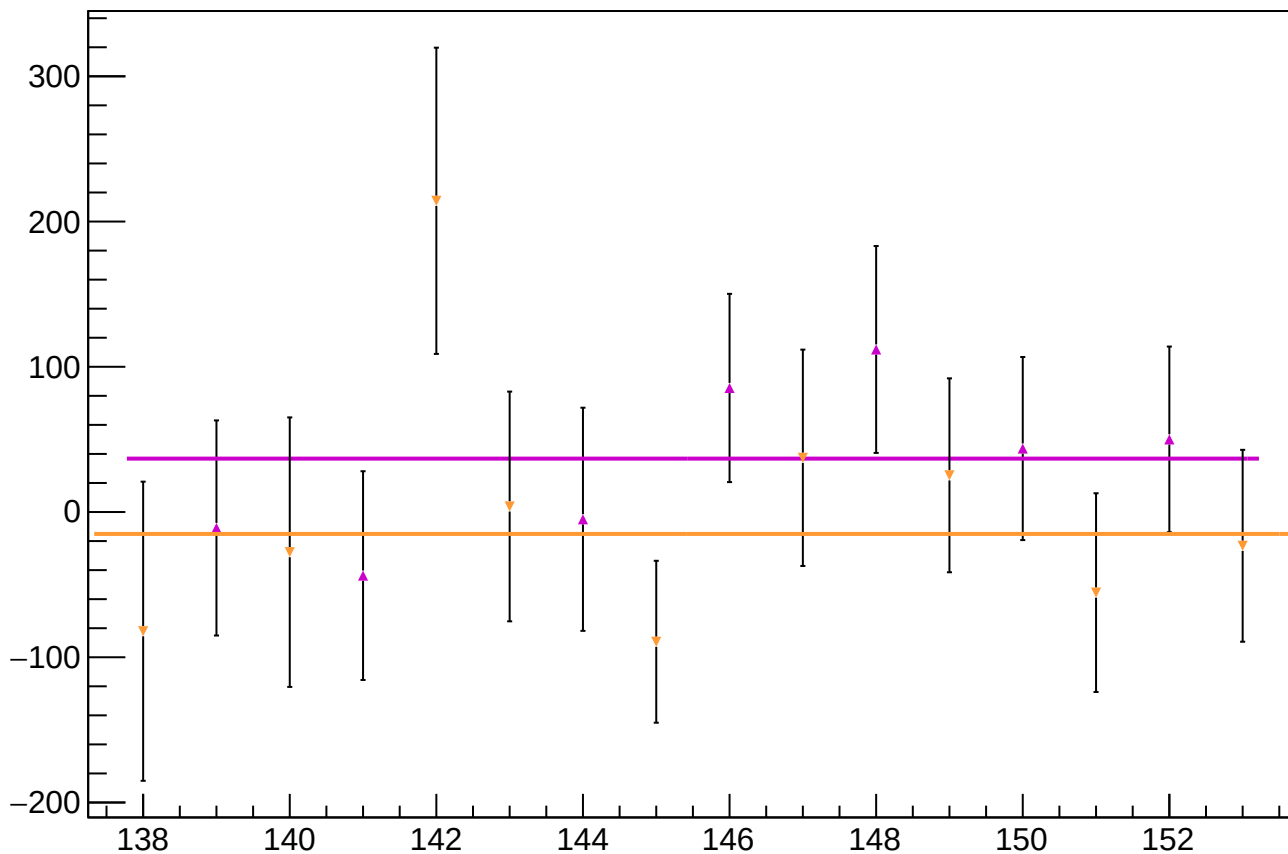
Left In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.502+/-0.116 χ^2/NDF : 1744683.1/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -15.085 $\pm$ 24.773 χ^2 /NDF: 8.2/8

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

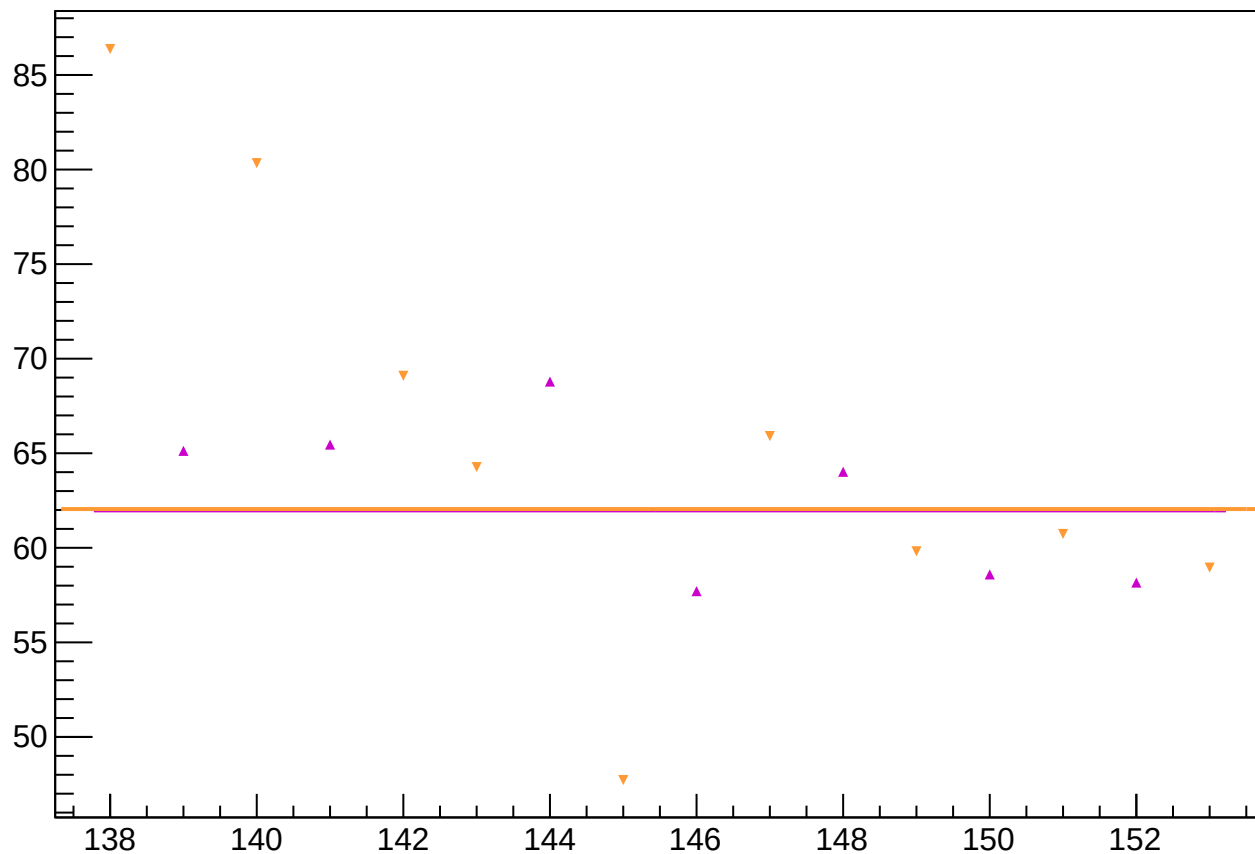
Left In: 36.771 $\pm$ 26.018 χ^2 /NDF: 3.7/6

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

All: 9.573 $\pm$ 17.941 χ^2 /NDF: 14.0/15

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

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 62.049+/-0.018 χ^2/NDF : 344635.8/8

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

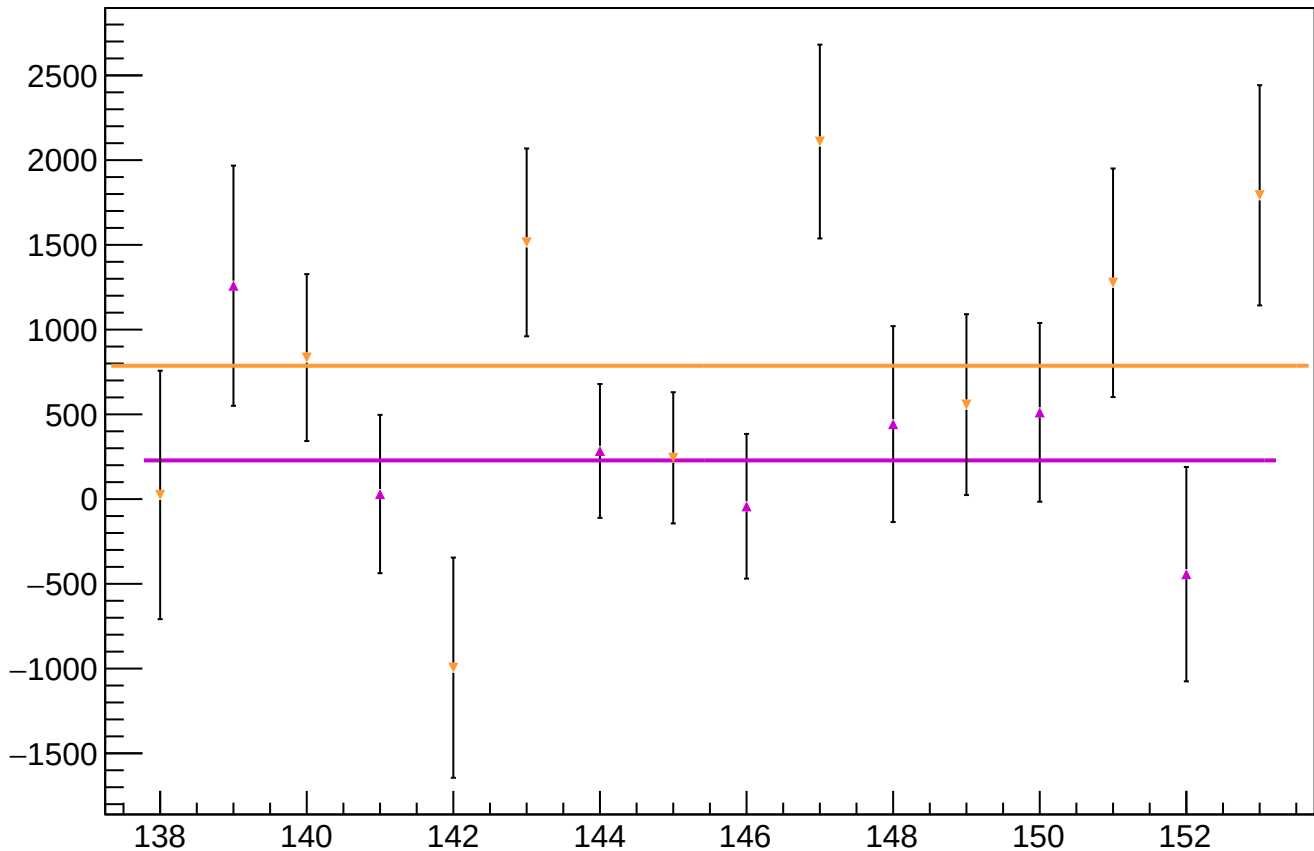
Left In: 61.979+/-0.018 χ^2/NDF : 47262.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.016+/-0.013 χ^2/NDF : 391906.2/15

- 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: 786.946+/-184.354 χ^2/NDF : 20.8/8

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

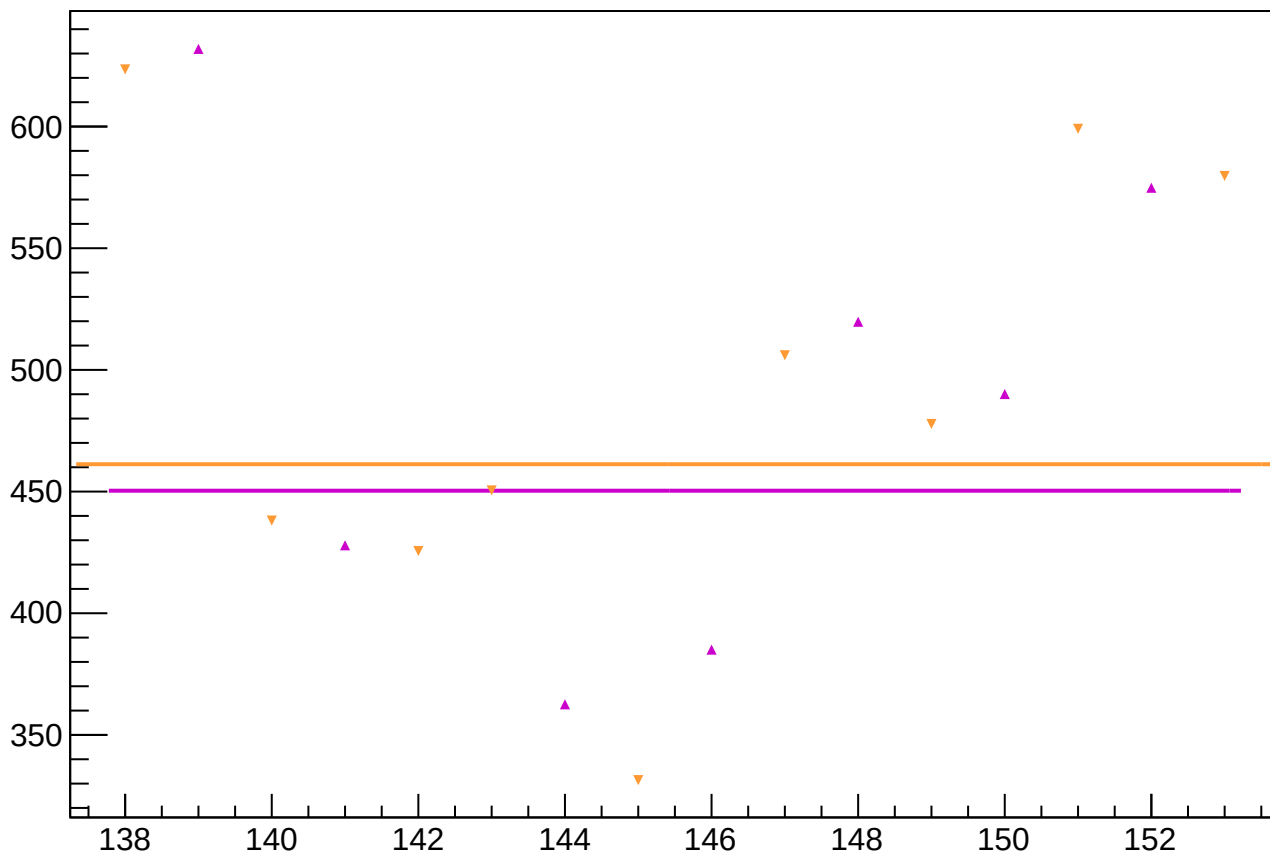
Left In: 228.241+/-190.490 χ^2/NDF : 4.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.736+/-132.474 χ^2/NDF : 29.5/15

- 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: 461.239+/-0.130 χ^2/NDF : 498260.3/8

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

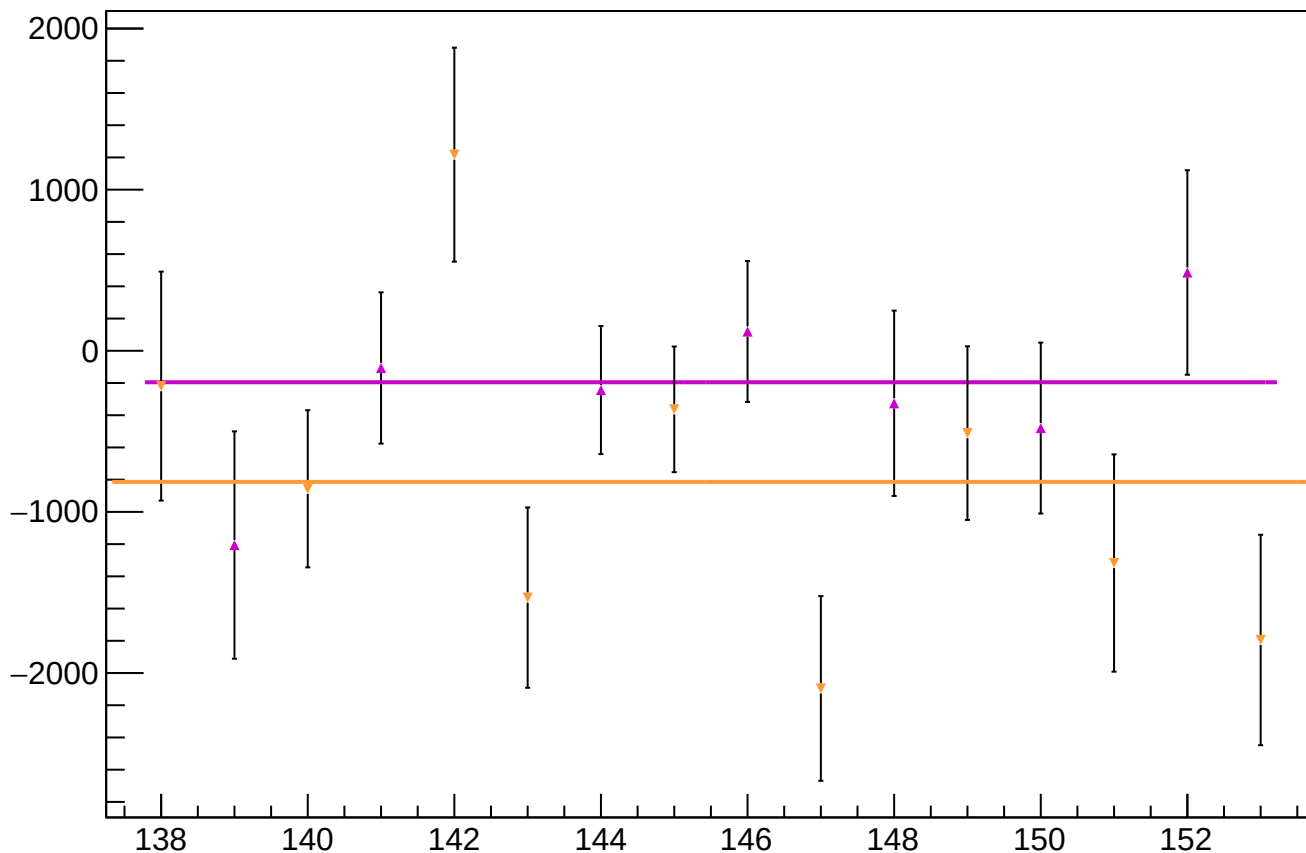
Left In: 450.354+/-0.135 χ^2/NDF : 399137.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.974+/-0.094 χ^2/NDF : 900770.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -813.570 $\pm$ 184.884 χ^2 /NDF:21.2/8

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

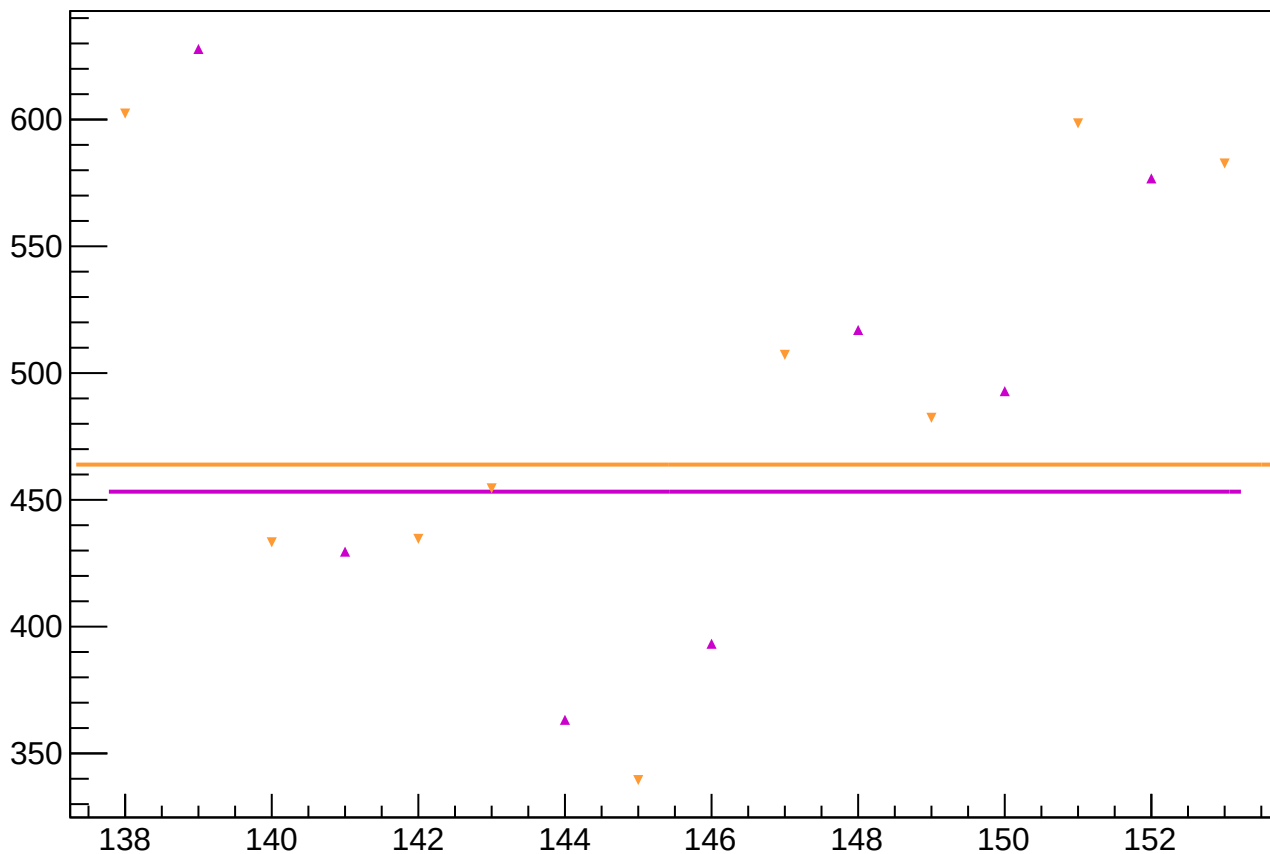
Left In: -195.325 $\pm$ 191.839 χ^2 /NDF:4.1/6

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

All: -515.857 $\pm$ 133.124 χ^2 /NDF: 30.7/15

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

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 463.909+/-0.131 χ^2/NDF : 451462.5/8

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

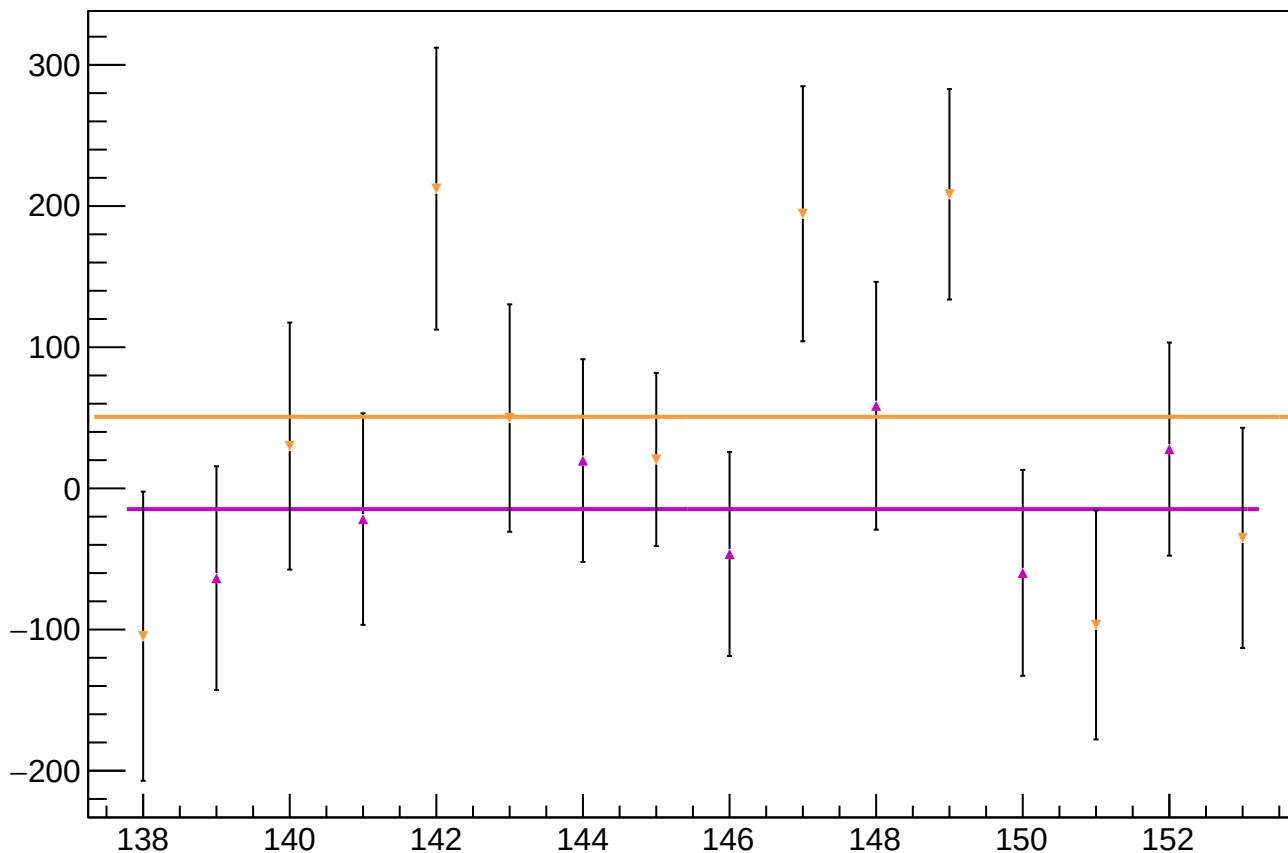
Left In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.765+/-0.094 χ^2/NDF : 833958.4/15

- 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: 50.730 $\pm$ 27.067 χ^2 /NDF:16.7/8

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

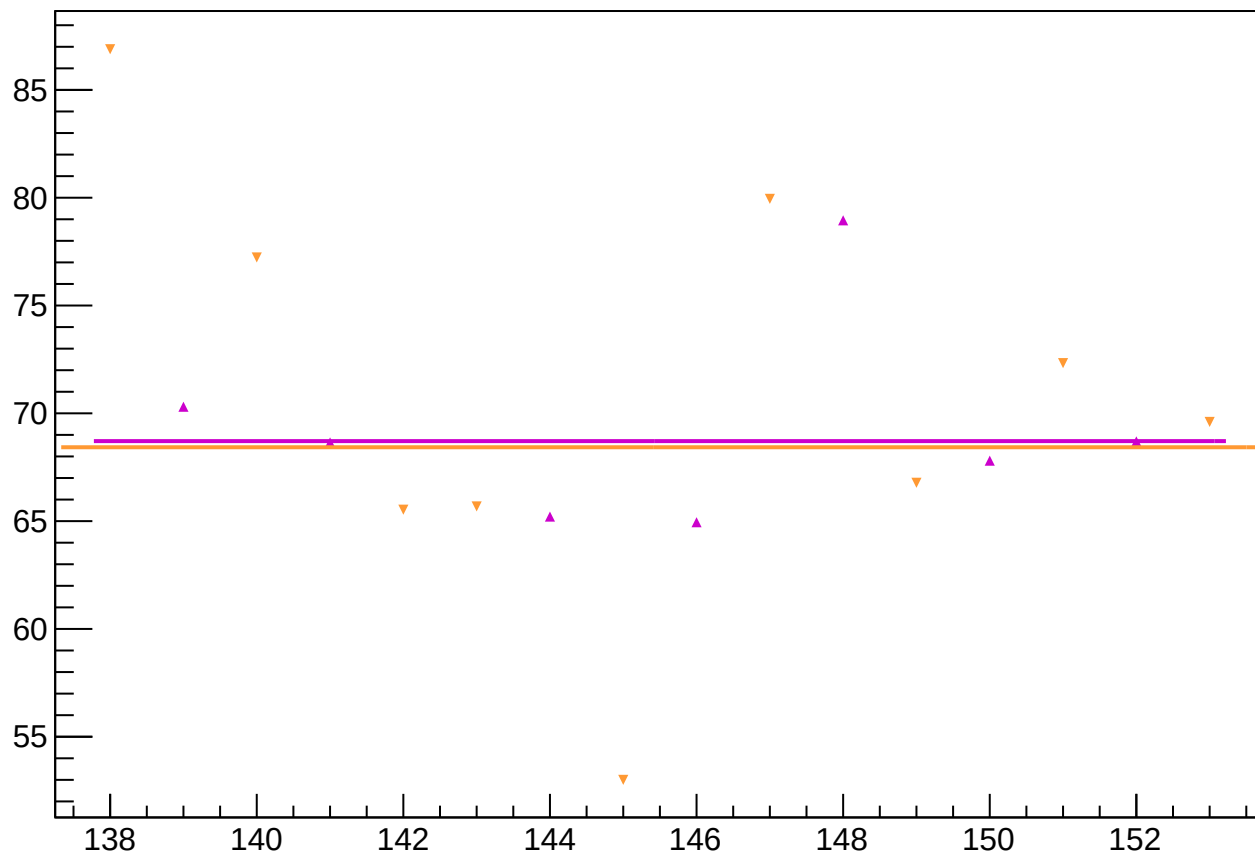
Left In: -14.670 $\pm$ 28.678 χ^2 /NDF:2.2/6

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

All: 19.918 $\pm$ 19.684 χ^2 /NDF: 21.7/15

- 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: 68.426+/-0.019 χ^2/NDF : 254245.6/8

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

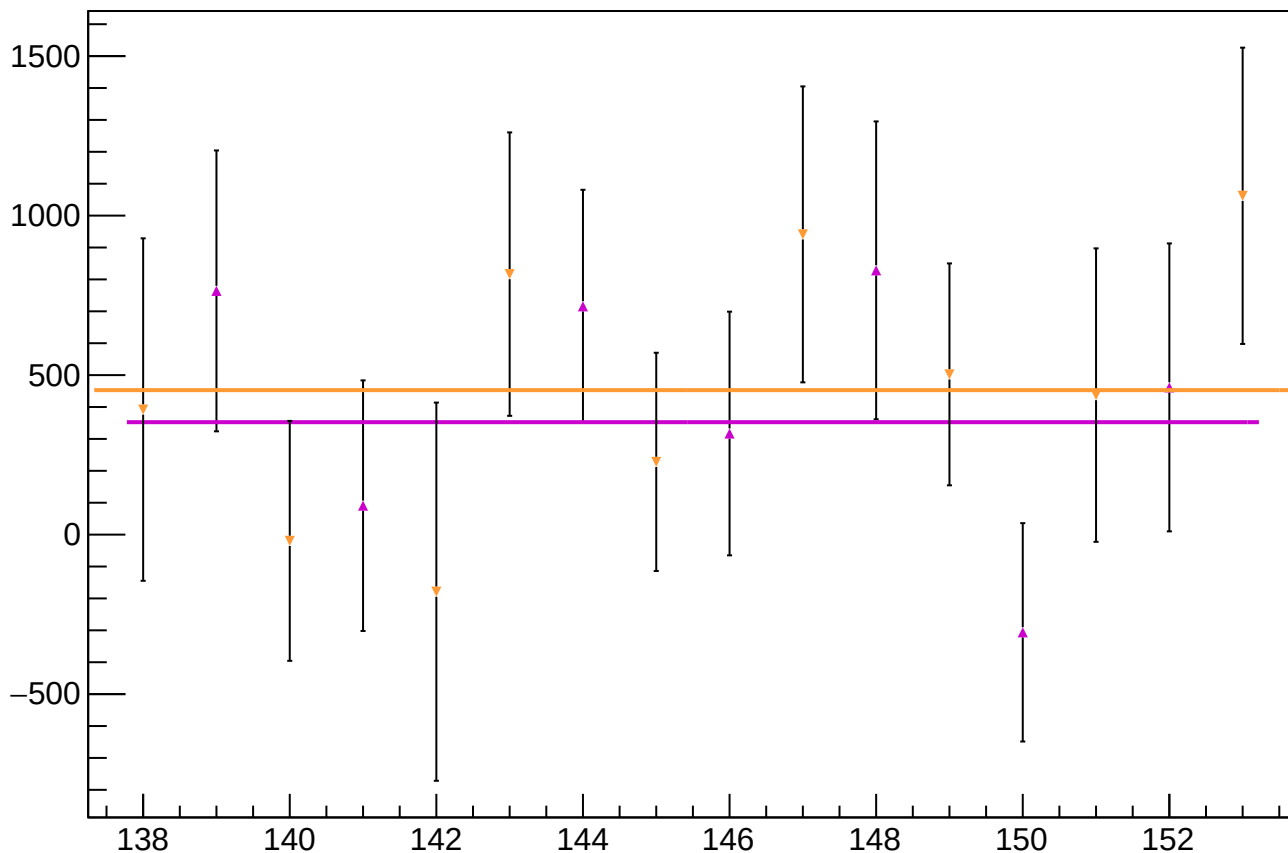
Left In: 68.711+/-0.020 χ^2/NDF : 38513.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.561+/-0.014 χ^2/NDF : 292863.9/15

- 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: 452.909+/-142.450 χ^2/NDF : 6.7/8

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

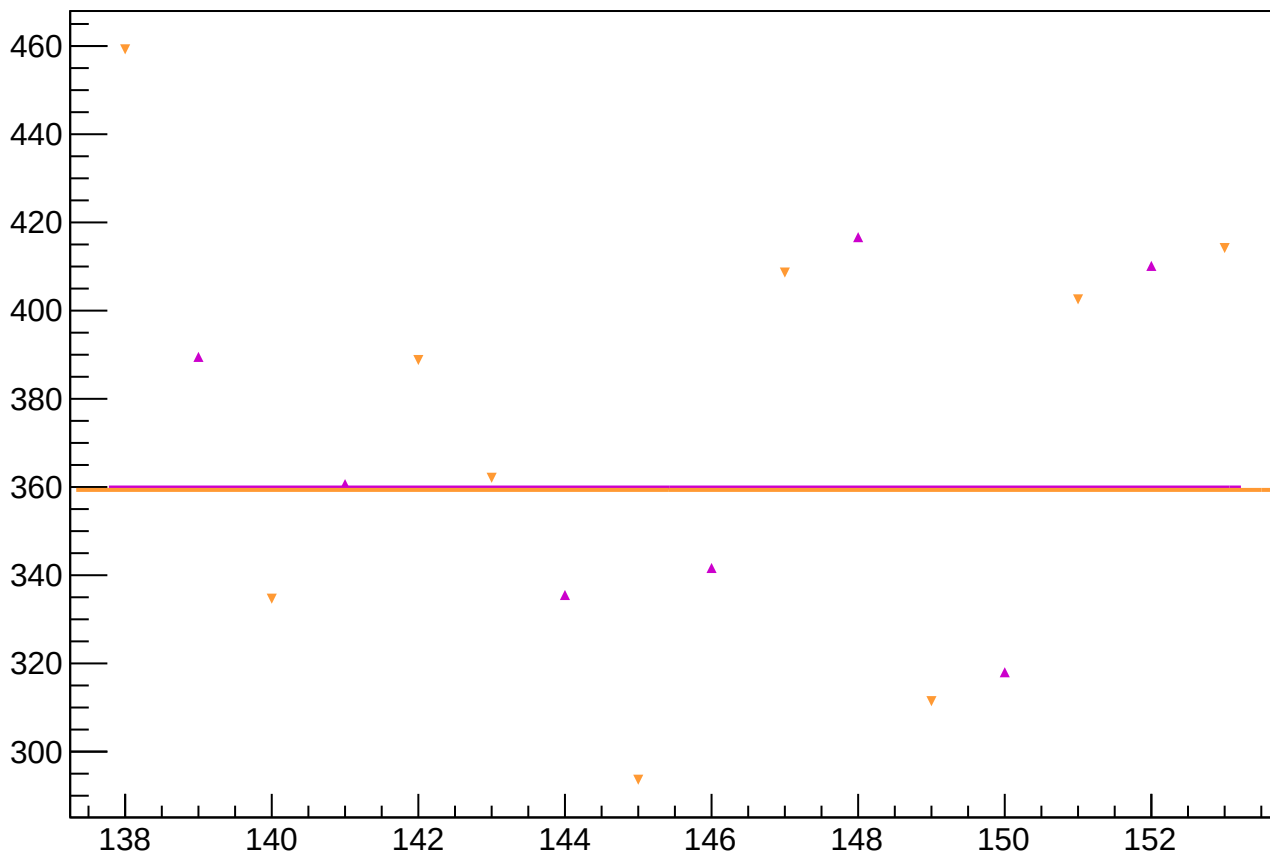
Left In: 352.479+/-150.715 χ^2/NDF : 7.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.523+/-103.526 χ^2/NDF : 14.0/15

- 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: 359.347+/-0.101 χ^2/NDF : 262781.0/8

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

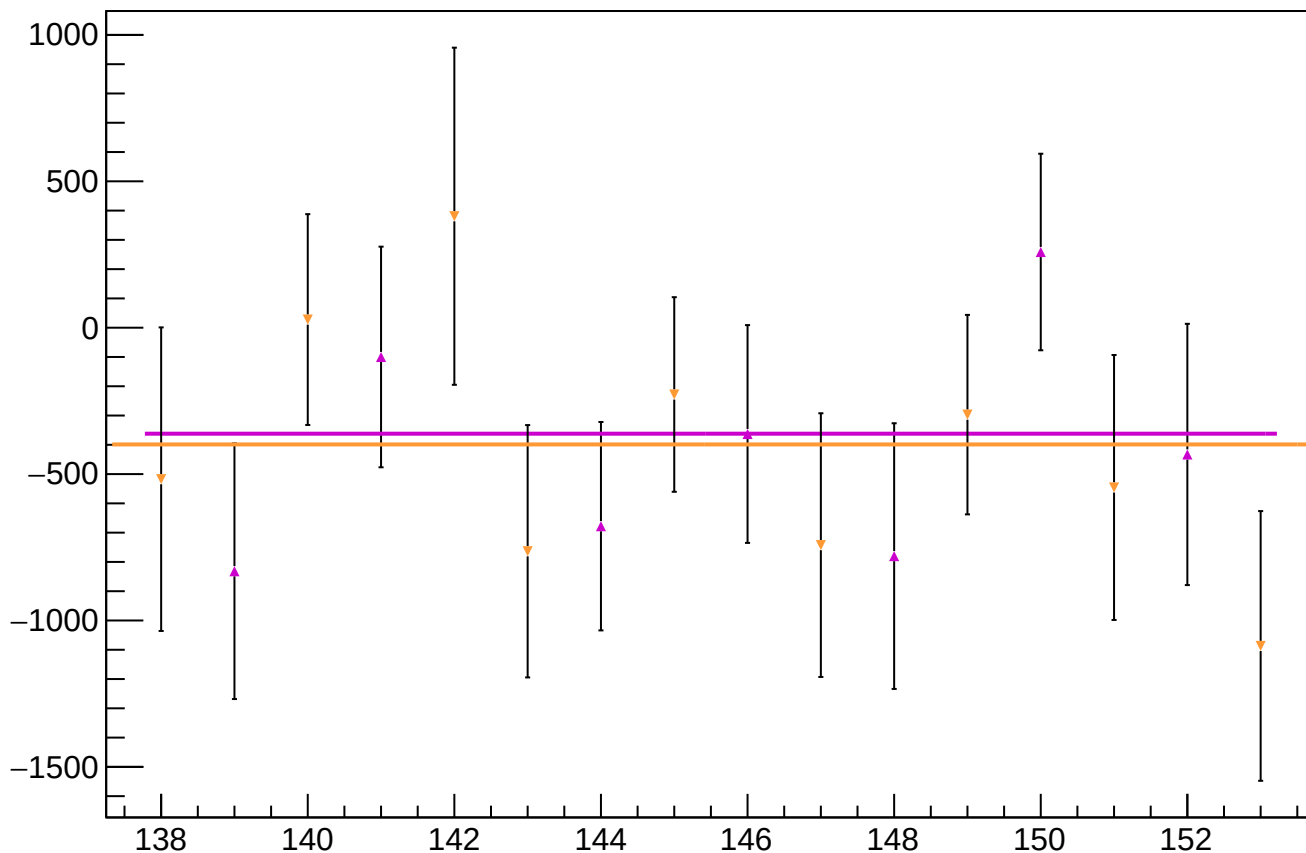
Left In: 359.886+/-0.107 χ^2/NDF : 106865.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.601+/-0.073 χ^2/NDF : 369659.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -398.722 $\pm$ 138.628 χ^2 /NDF:7.3/8

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

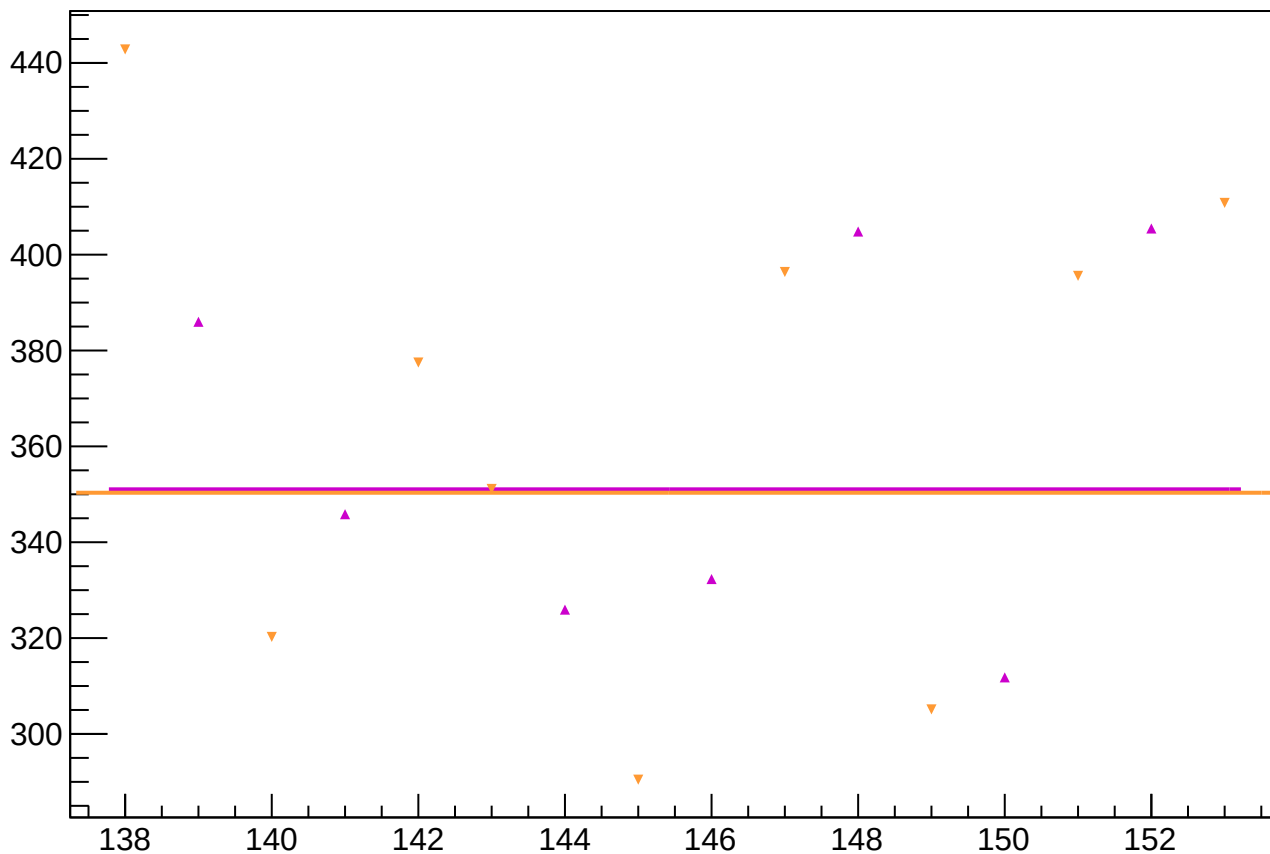
Left In: -362.010 $\pm$ 147.170 χ^2 /NDF:6.7/6

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

All: -381.463 $\pm$ 100.910 χ^2 /NDF: 14.0/15

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

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 350.326+/-0.098 χ^2/NDF : 257609.5/8

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

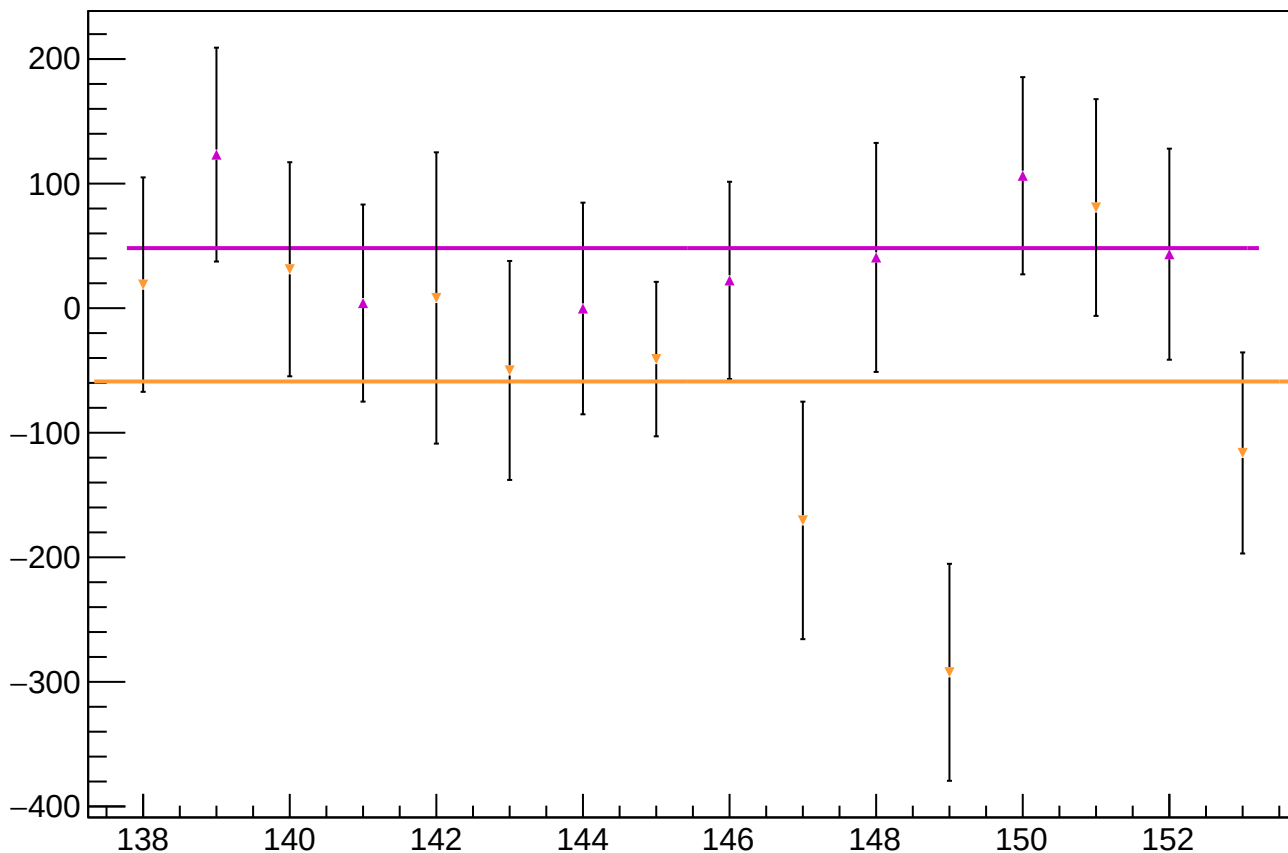
Left In: 351.037+/-0.104 χ^2/NDF : 113408.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.660+/-0.071 χ^2/NDF : 371042.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -58.844+/-28.166 χ^2/NDF : 14.0/8

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

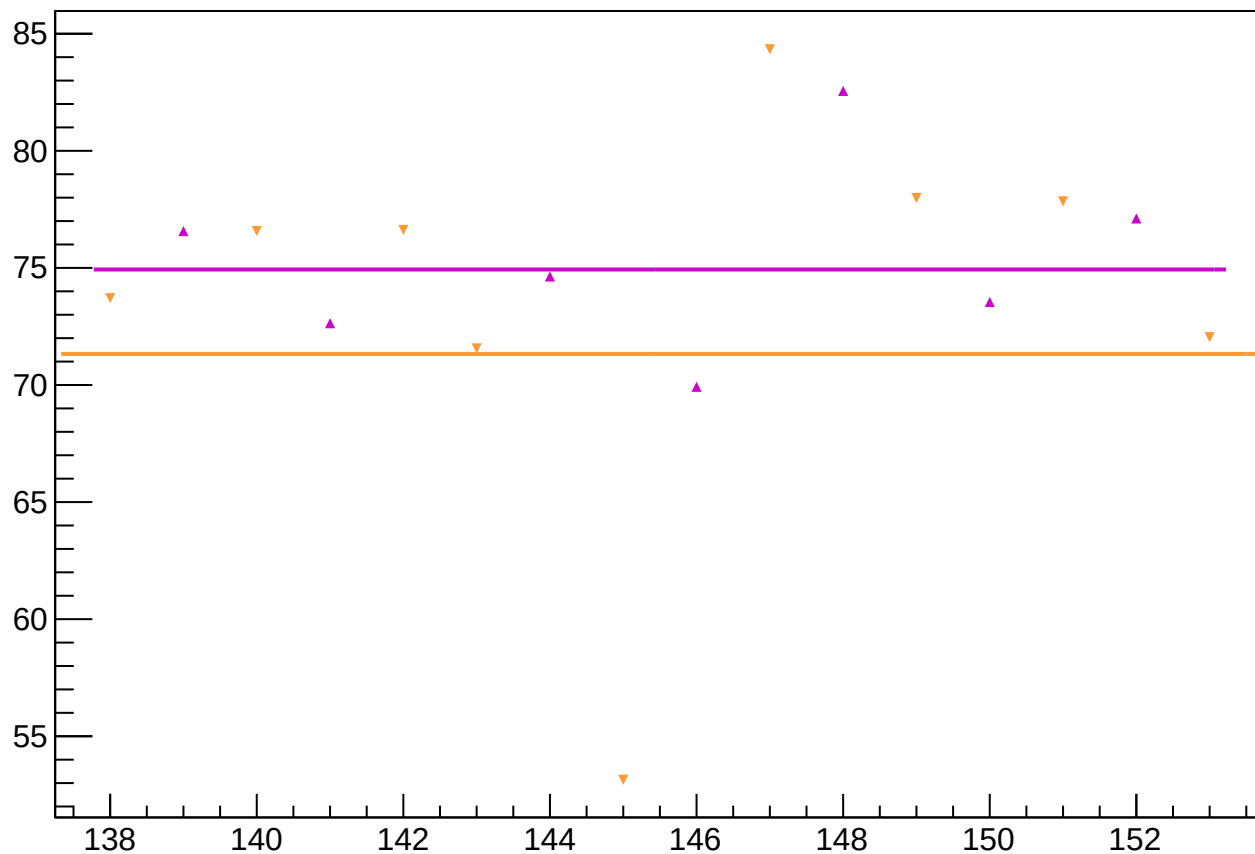
Left In: 48.210+/-31.452 χ^2/NDF : 2.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.201+/-20.982 χ^2/NDF : 22.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 71.326+/-0.020 χ^2/NDF :245486.9/8

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

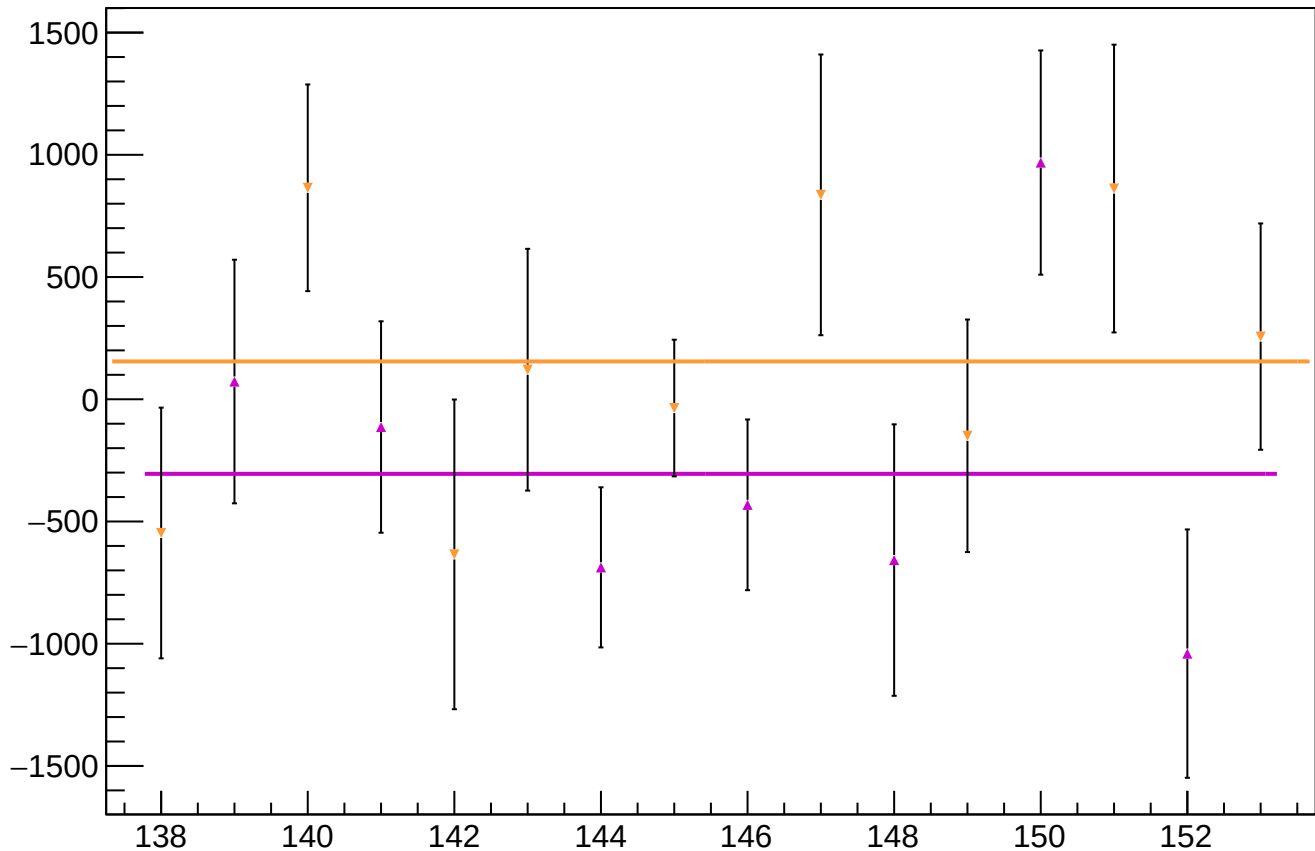
Left In: 74.933+/-0.022 χ^2/NDF :26148.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.931+/-0.015 χ^2/NDF : 286228.2/15

- 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: 154.767+/-151.132 χ^2/NDF : 10.0/8

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

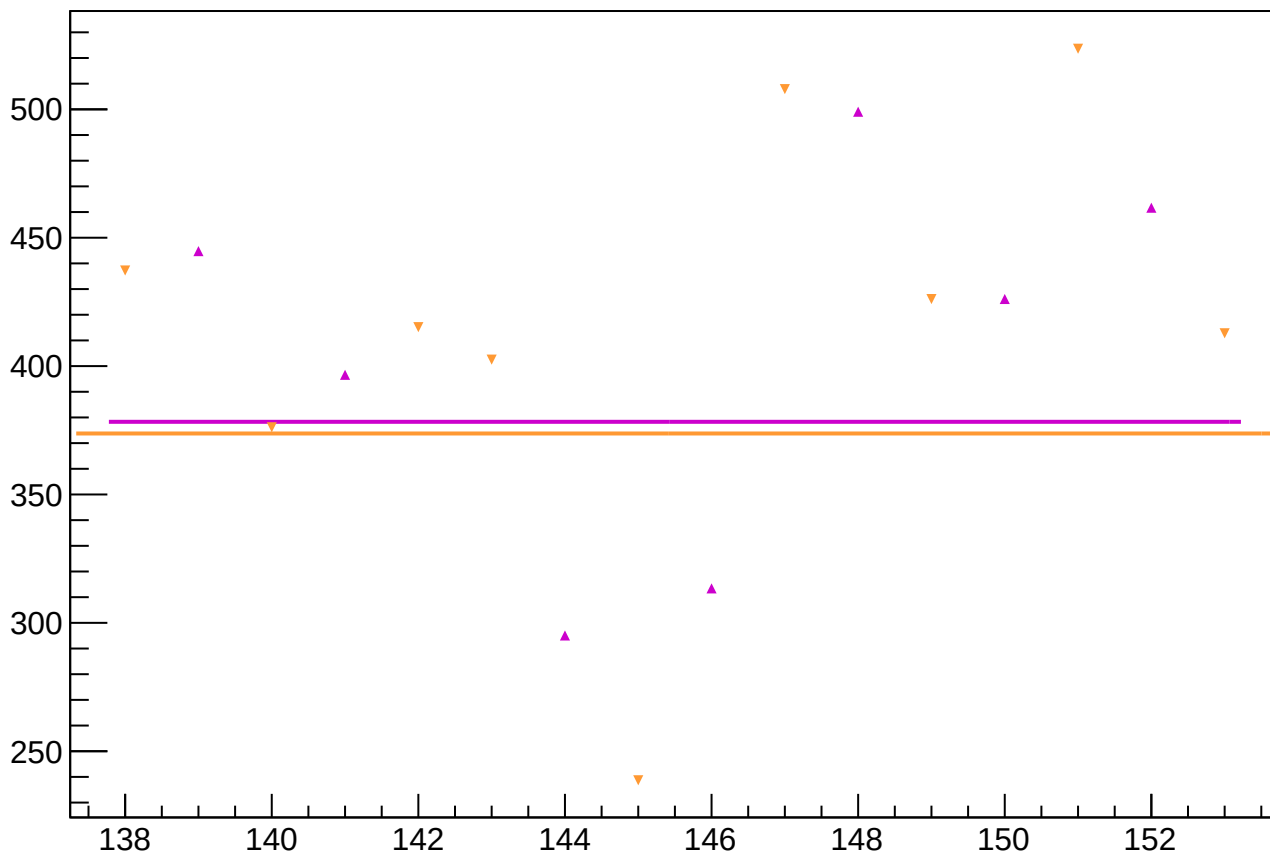
Left In: -305.085+/-160.600 χ^2/NDF : 12.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.204+/-110.061 χ^2/NDF : 26.9/15

- 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: 373.754+/-0.107 χ^2/NDF : 790158.0/8

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

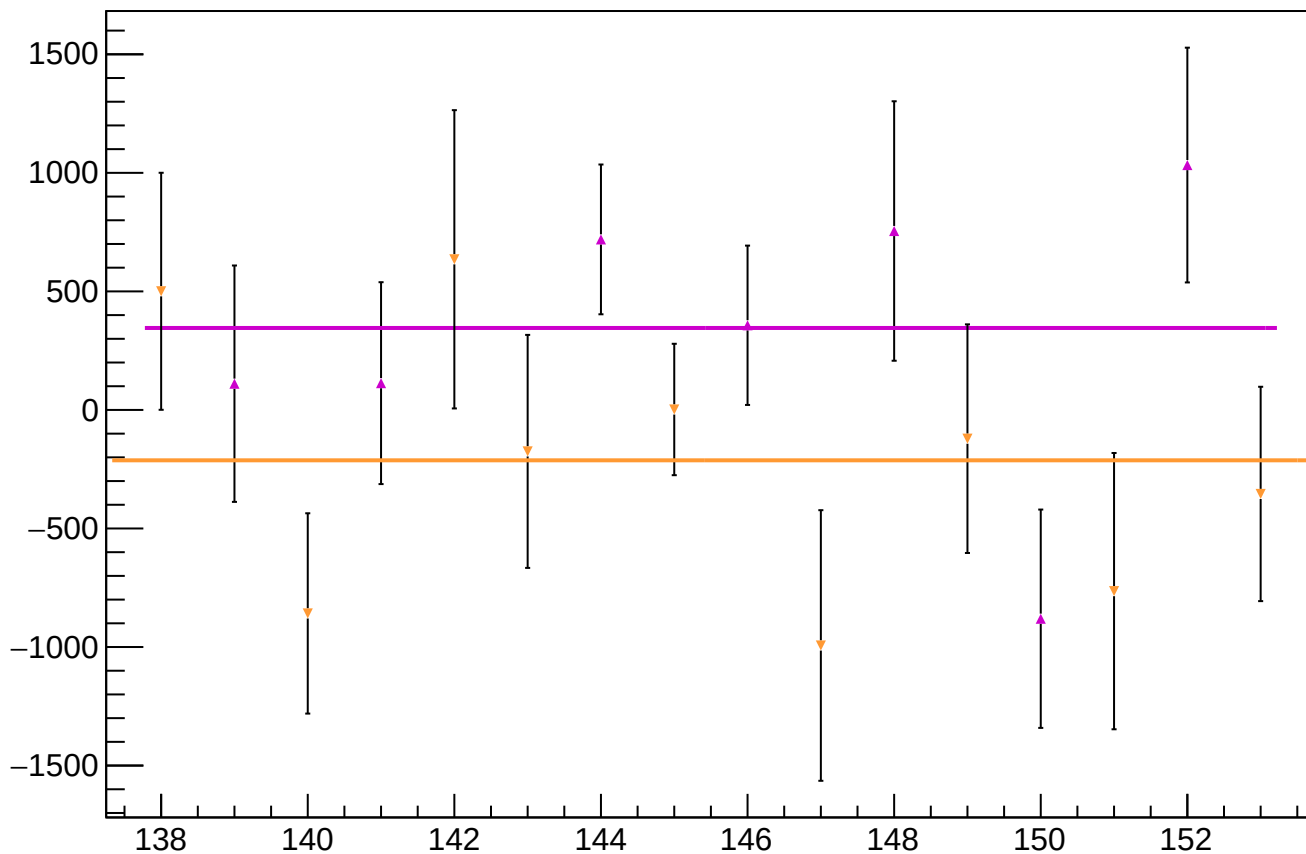
Left In: 378.303+/-0.114 χ^2/NDF : 407606.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.890+/-0.078 χ^2/NDF : 1198615.6/15

- 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: -212.503 $\pm$ 149.898 χ^2 /NDF:9.7/8

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

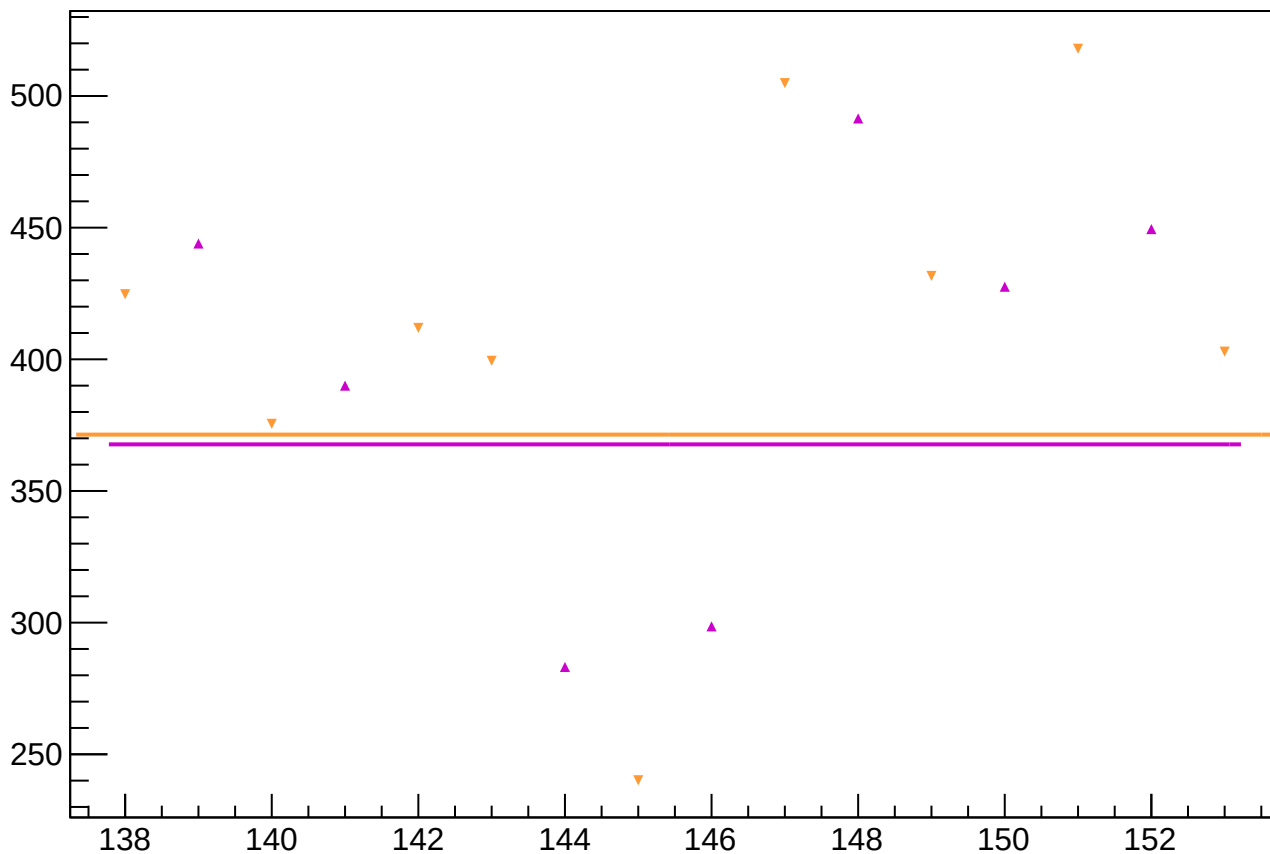
Left In: 345.726 $\pm$ 157.031 χ^2 /NDF:11.5/6

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

All: 53.645 $\pm$ 108.428 χ^2 /NDF: 27.8/15

- 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: 371.409+/-0.106 χ^2/NDF : 763397.7/8

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

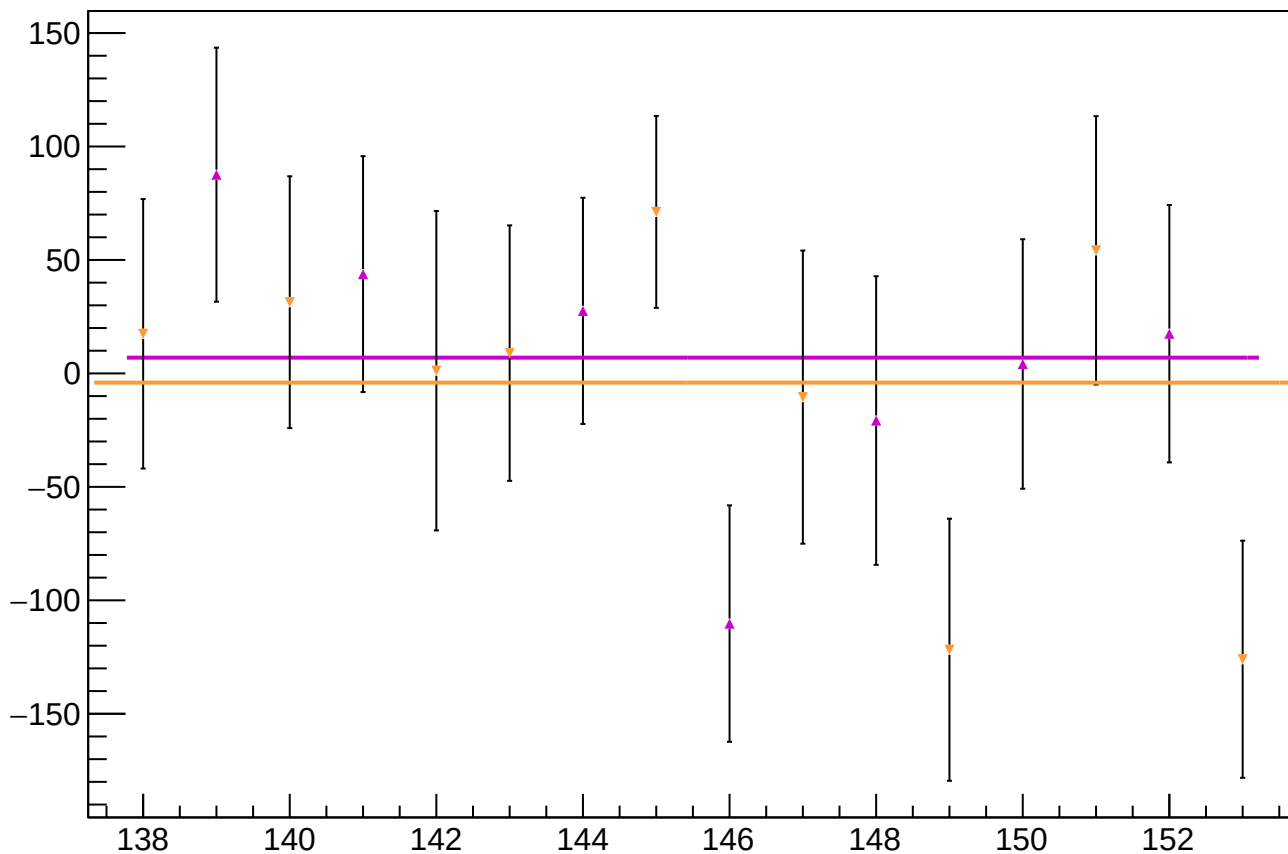
Left In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.640+/-0.077 χ^2/NDF : 1234833.0/15

- 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: -4.056 +/- 18.645 χ^2/NDF : 14.3/8

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

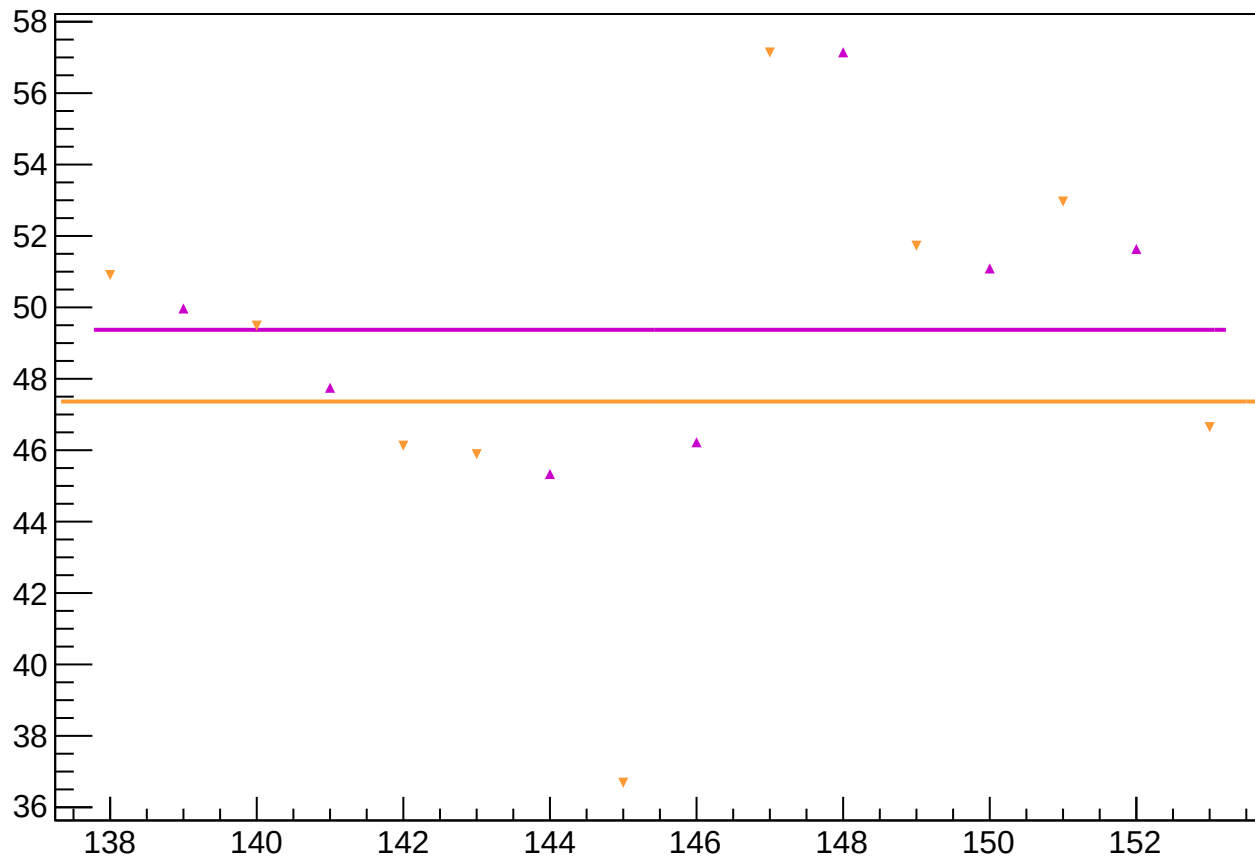
Left In: 6.944 +/- 20.633 χ^2/NDF : 8.0/6

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.889 +/- 13.834 χ^2/NDF : 22.5/15

- 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: 47.364+/-0.013 χ^2/NDF : 215008.6/8

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

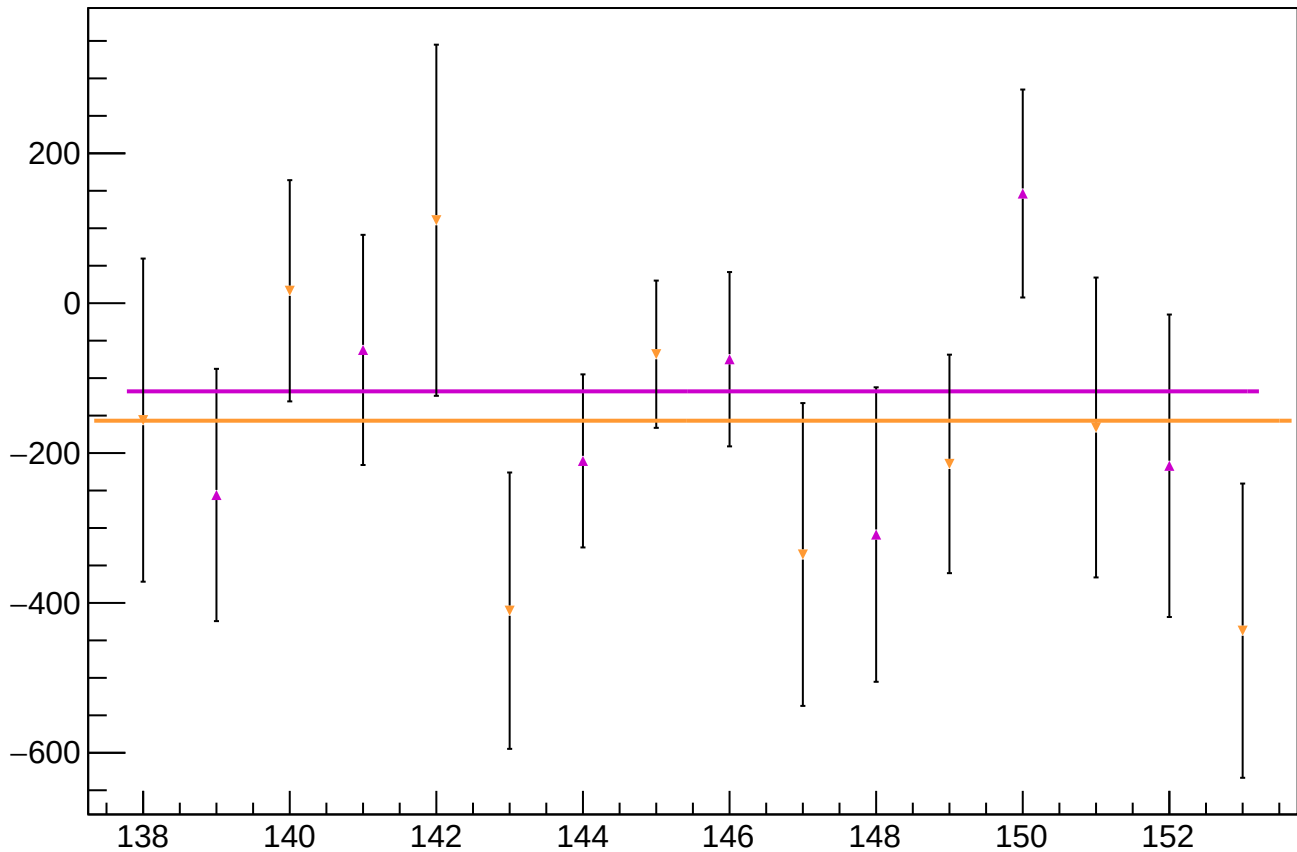
Left In: 49.372+/-0.015 χ^2/NDF : 57611.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.266+/-0.010 χ^2/NDF : 283048.8/15

- 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: -156.822 $\pm$ 54.149 χ^2/NDF : 8.4/8

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

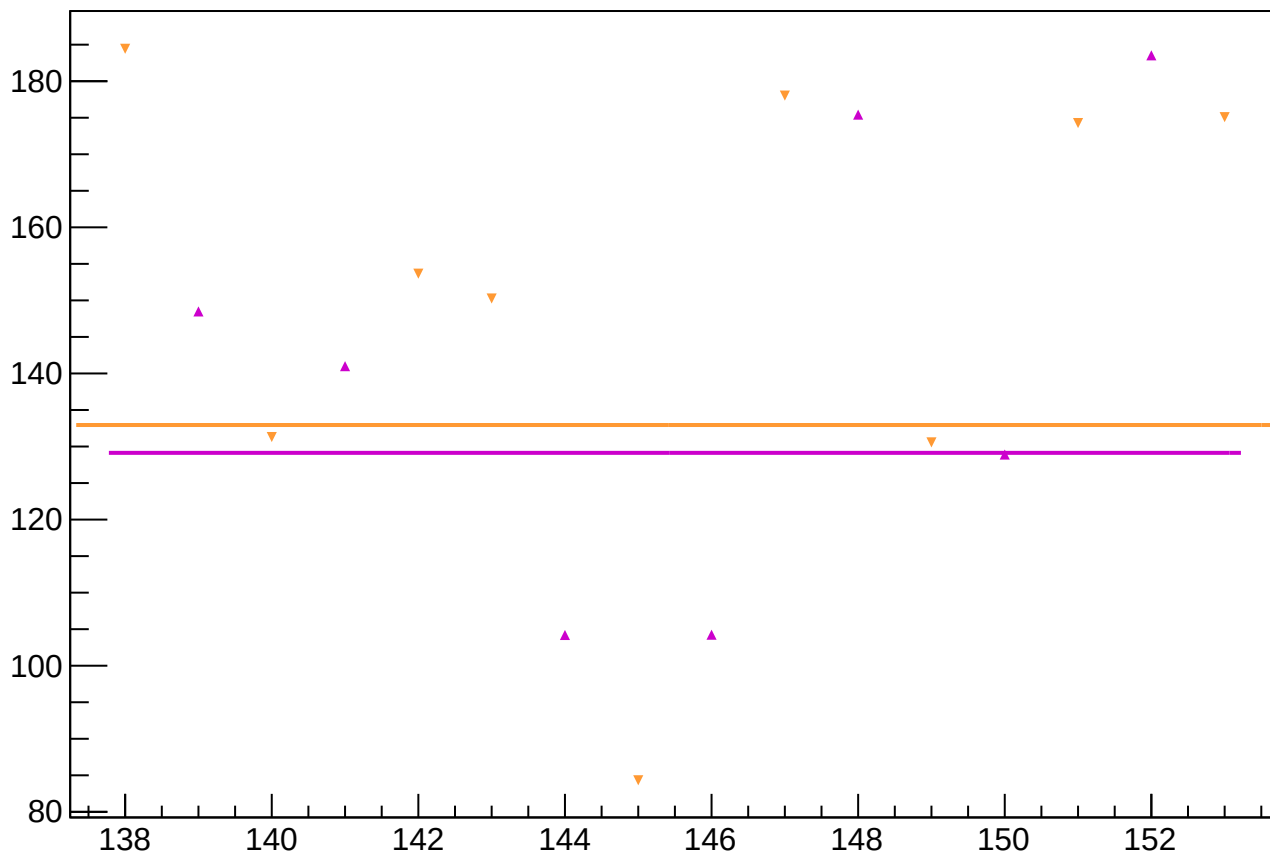
Left In: -117.648 $\pm$ 55.135 χ^2/NDF : 6.4/6

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

All: -137.589 $\pm$ 38.633 χ^2/NDF : 15.0/15

- 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: 132.944+/-0.038 χ^2/NDF : 914915.8/8

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

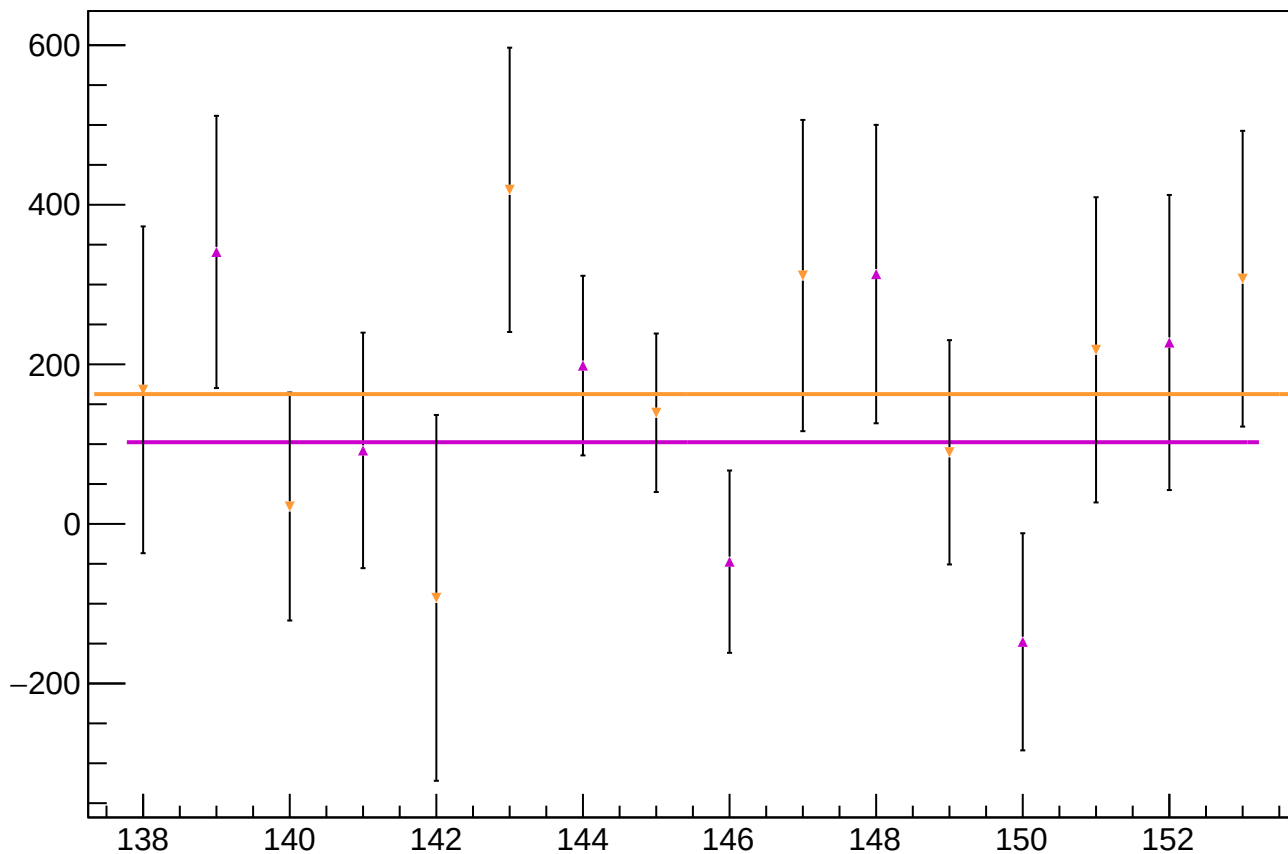
Left In: 129.134+/-0.039 χ^2/NDF : 479458.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.073+/-0.027 χ^2/NDF : 1399237.0/15

- 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: 162.704+/-52.848 χ^2/NDF : 5.9/8

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

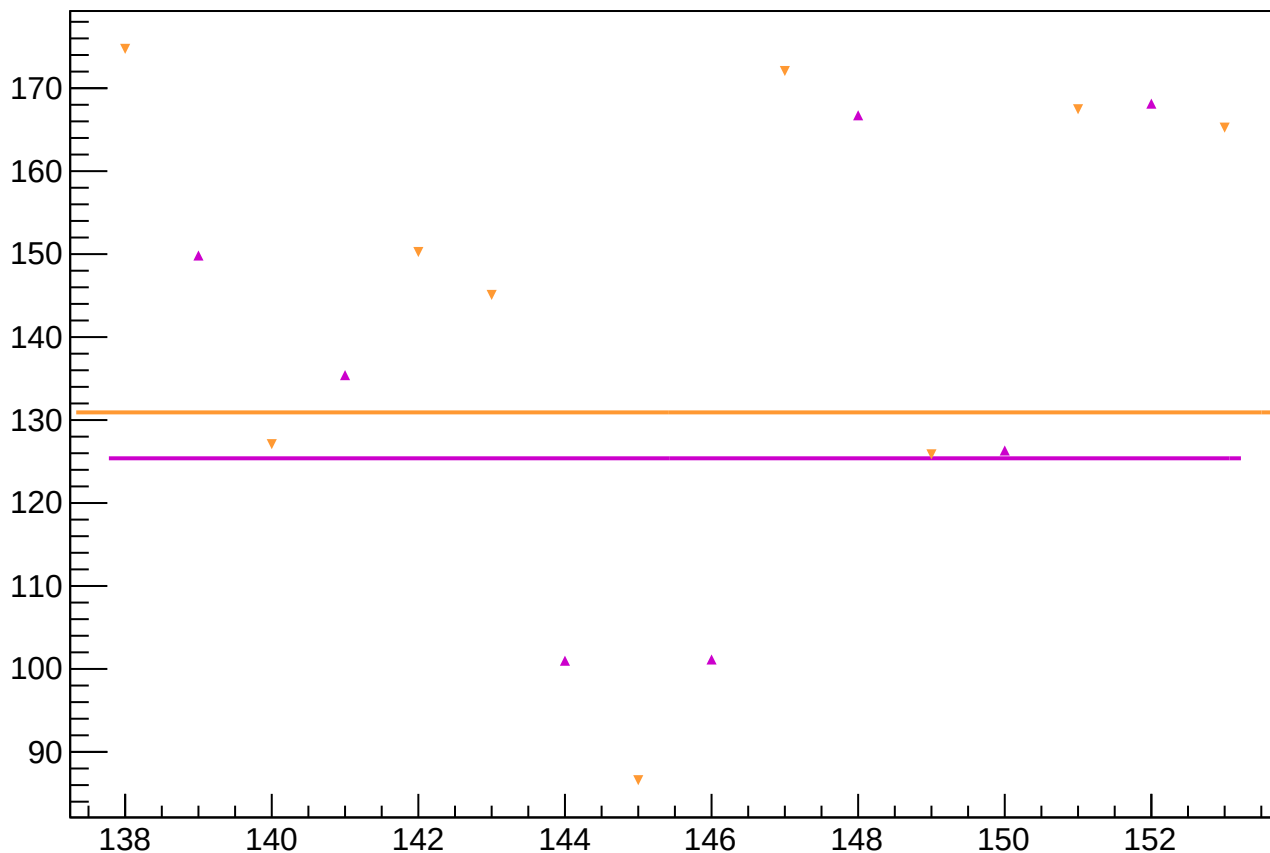
Left In: 102.402+/-53.631 χ^2/NDF : 9.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.996+/-37.643 χ^2/NDF : 16.0/15

- 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: 130.924+/-0.037 χ^2/NDF : 751467.2/8

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

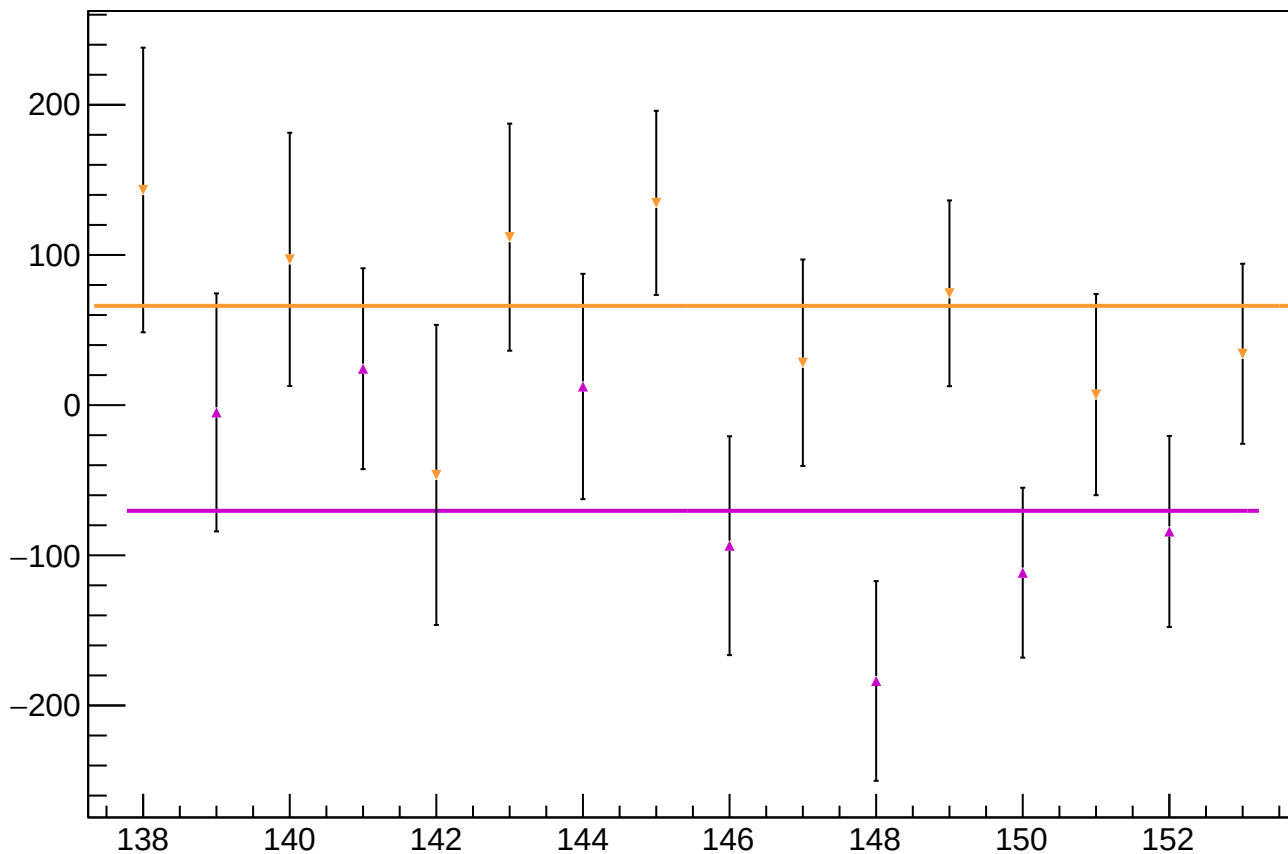
Left In: 125.389+/-0.038 χ^2/NDF : 439072.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.197+/-0.027 χ^2/NDF : 1201347.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 66.122+/-23.789 χ^2/NDF : 5.1/8

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

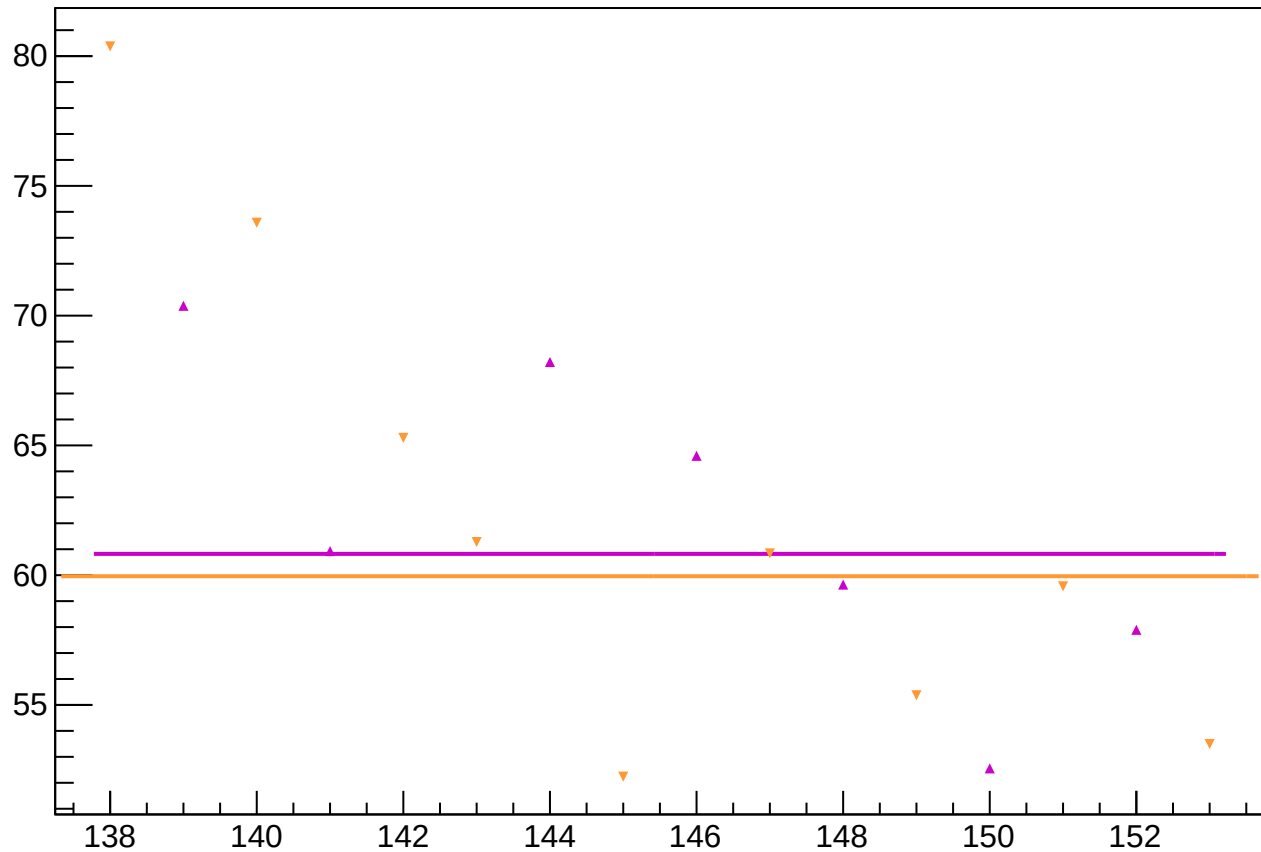
Left In: -70.366+/-25.526 χ^2/NDF : 7.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.681+/-17.403 χ^2/NDF : 27.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 59.959+/-0.017 χ^2/NDF : 217679.9/8

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

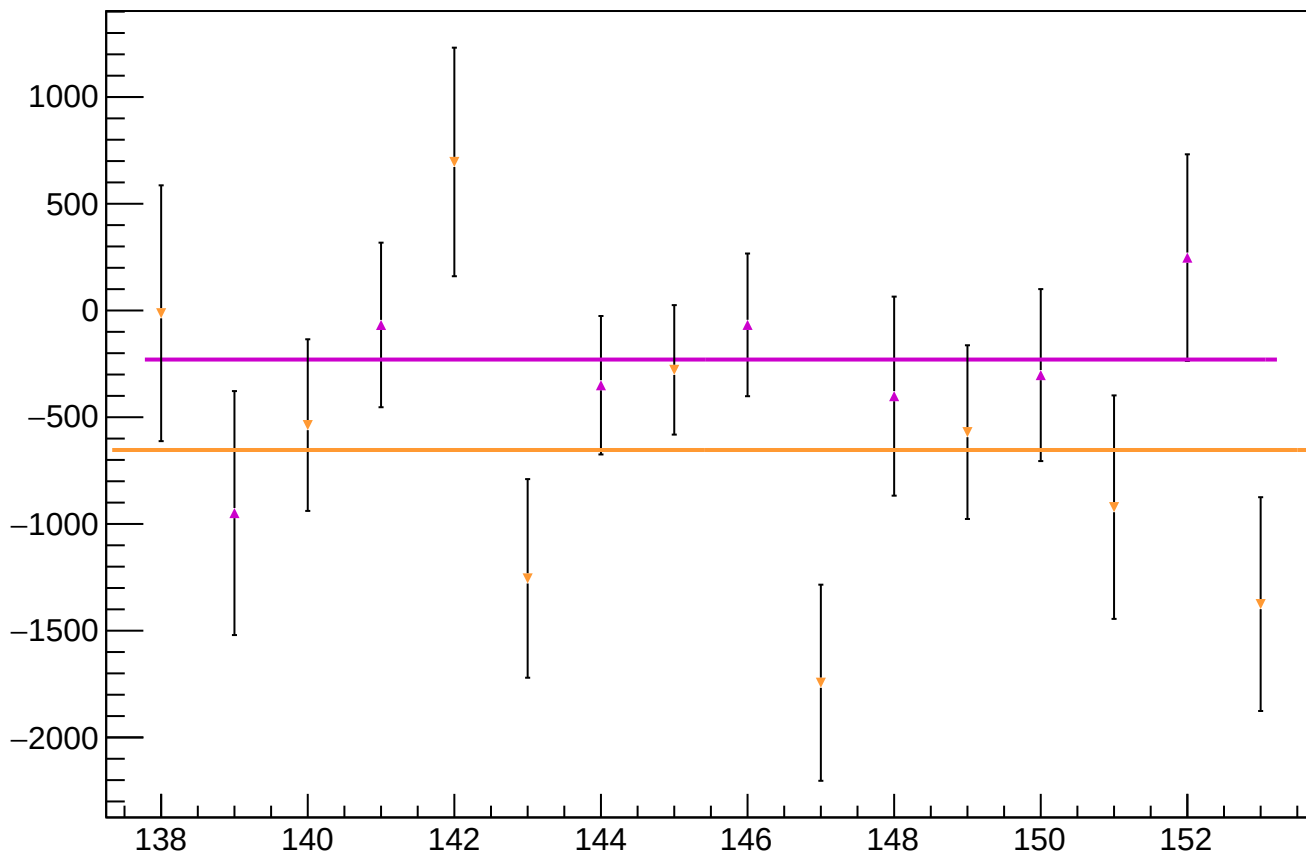
Left In: 60.820+/-0.018 χ^2/NDF : 101480.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.359+/-0.012 χ^2/NDF : 320377.8/15

- 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: -653.528+/-146.859 χ^2/NDF :18.8/8

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

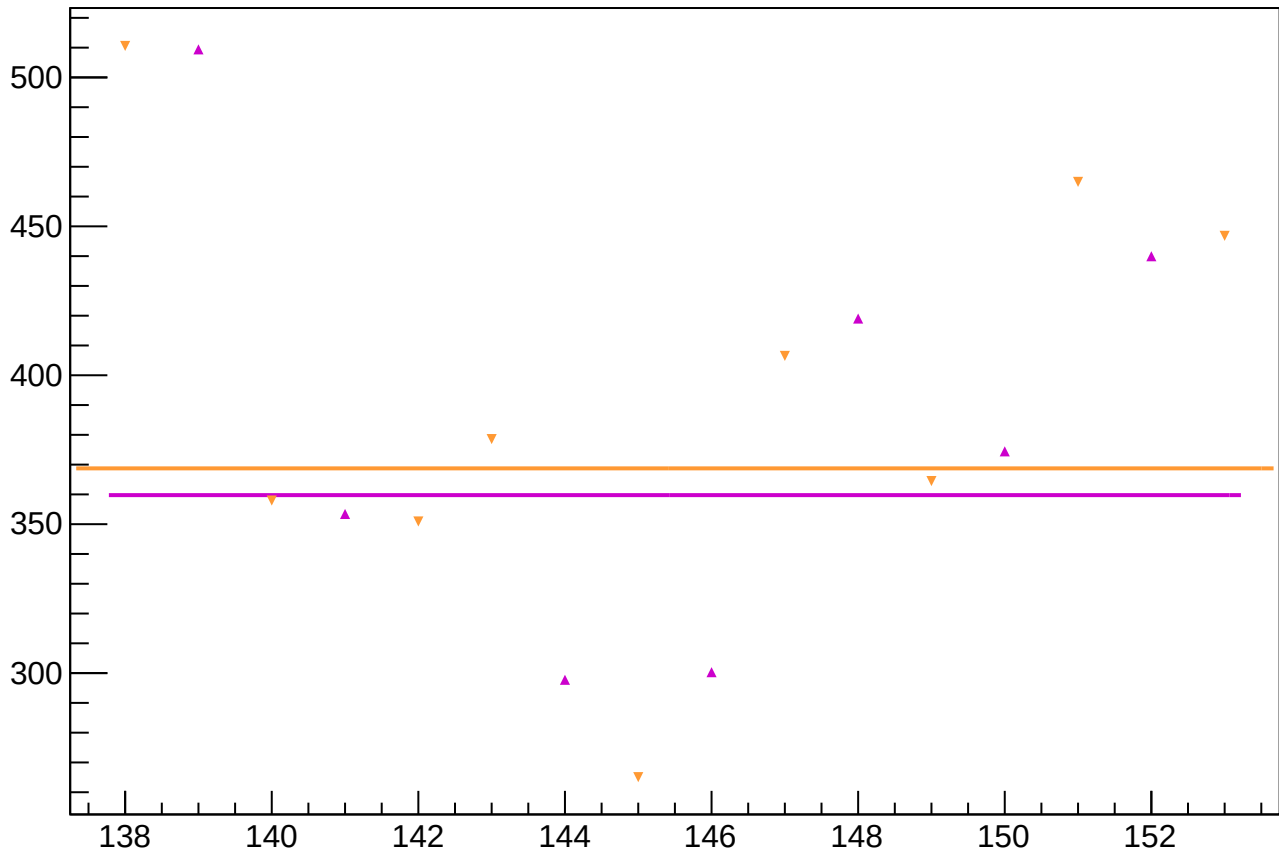
Left In: -229.793+/-152.003 χ^2/NDF :3.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -448.951+/-105.617 χ^2/NDF : 26.1/15

- 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: 368.739+/-0.104 χ^2/NDF : 480178.0/8

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

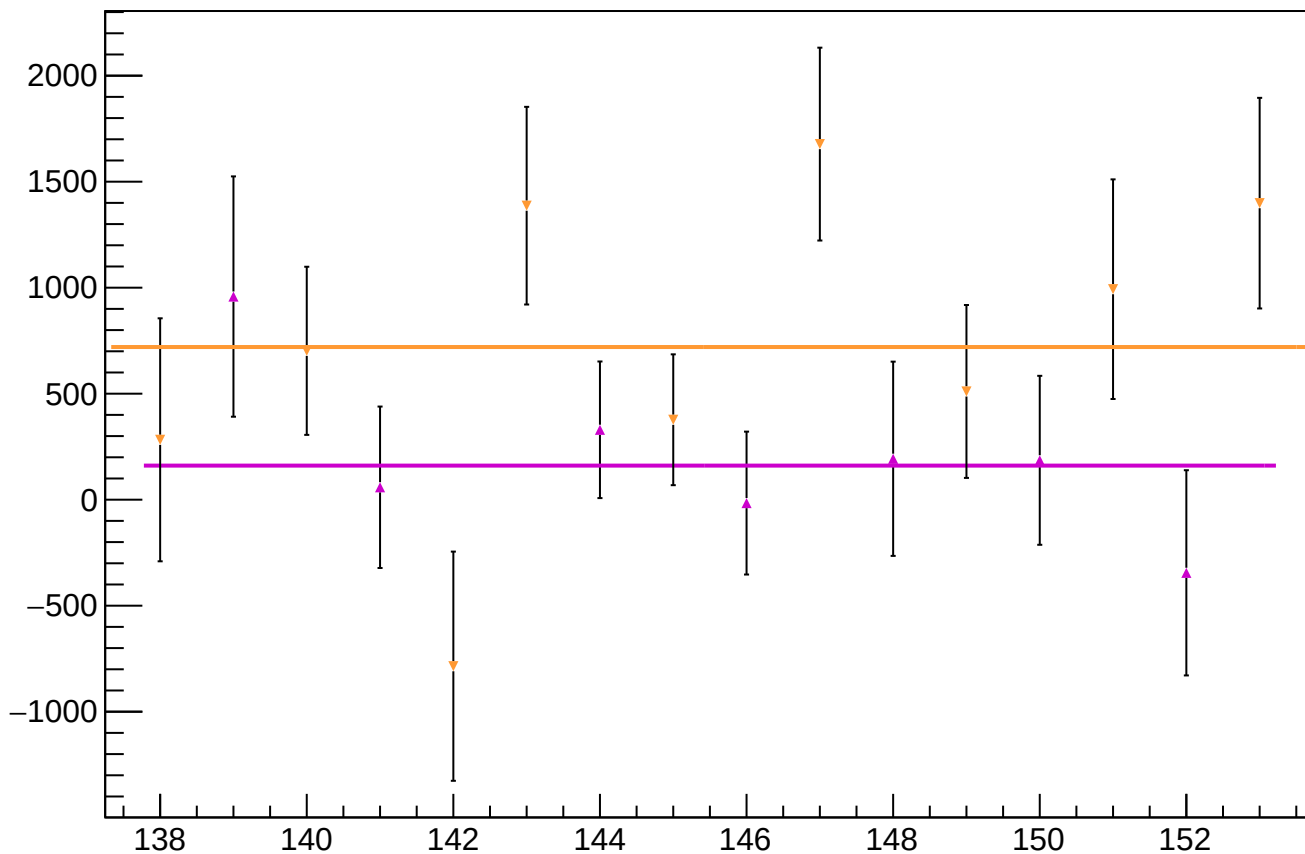
Left In: 359.757+/-0.107 χ^2/NDF : 363989.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.403+/-0.075 χ^2/NDF : 847779.3/15

- 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: 720.086+/-146.559 χ^2/NDF :18.5/8

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

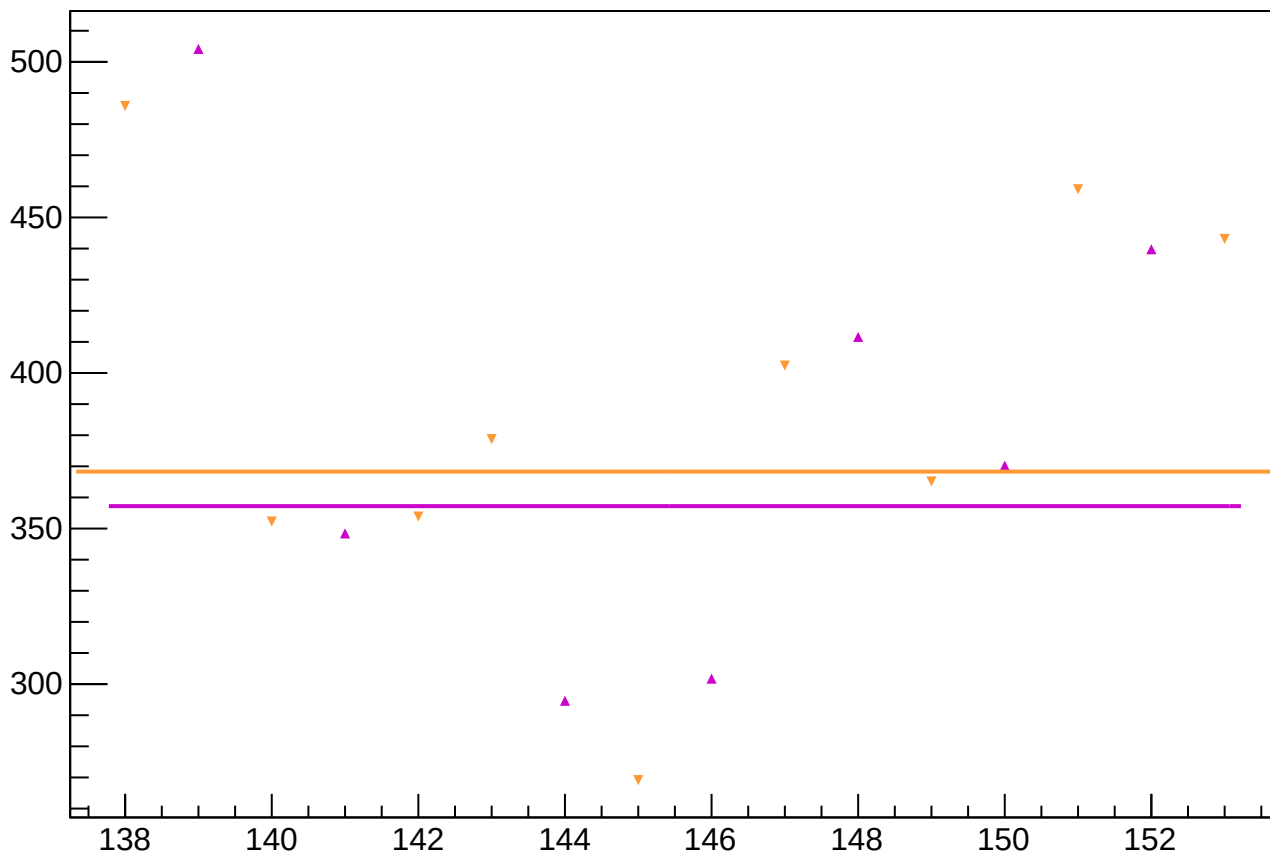
Left In: 160.765+/-151.131 χ^2/NDF :3.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.015+/-105.212 χ^2/NDF : 29.2/15

- 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: 368.305+/-0.104 χ^2/NDF : 414400.1/8

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

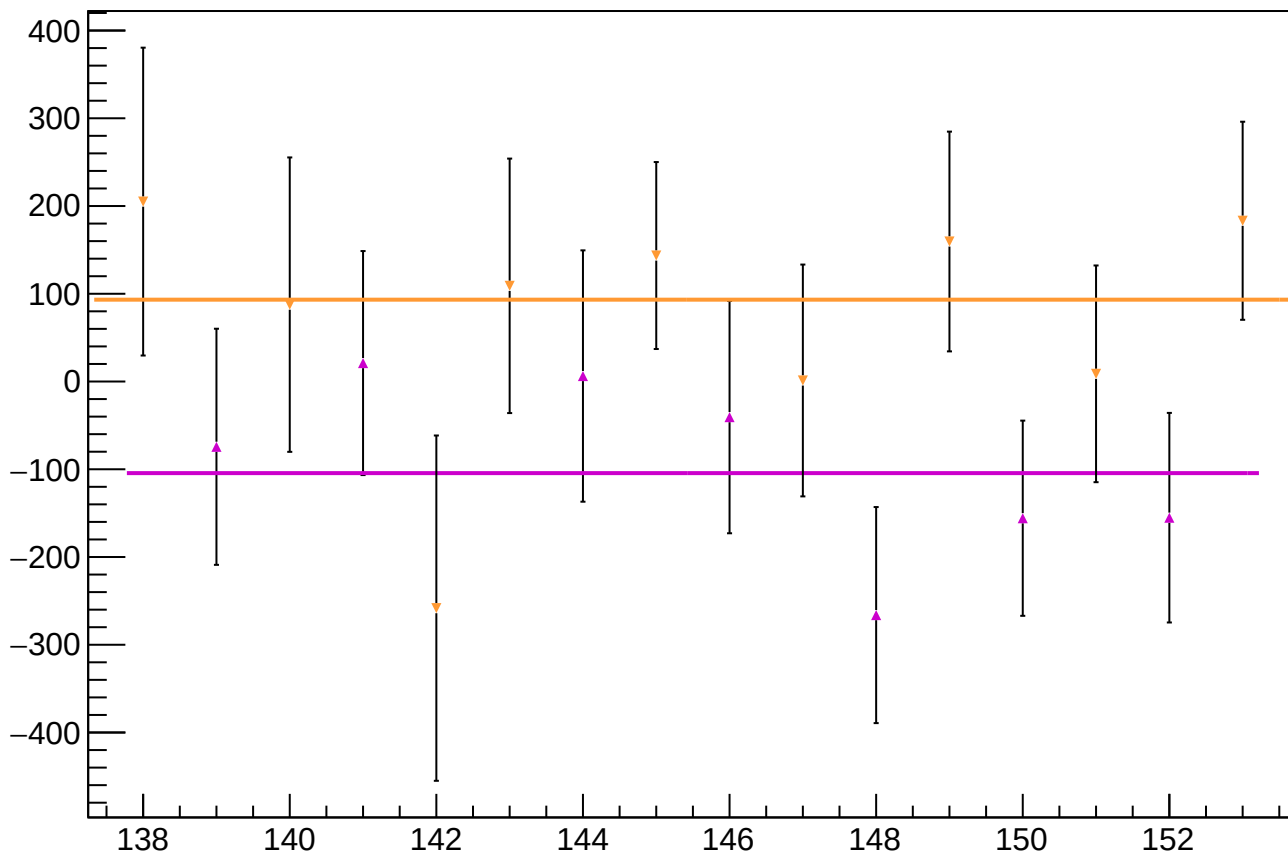
Left In: 357.209+/-0.107 χ^2/NDF : 353565.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.927+/-0.074 χ^2/NDF : 773522.6/15

- 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: 93.275 $\pm$ 44.962 χ^2 /NDF:5.7/8

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

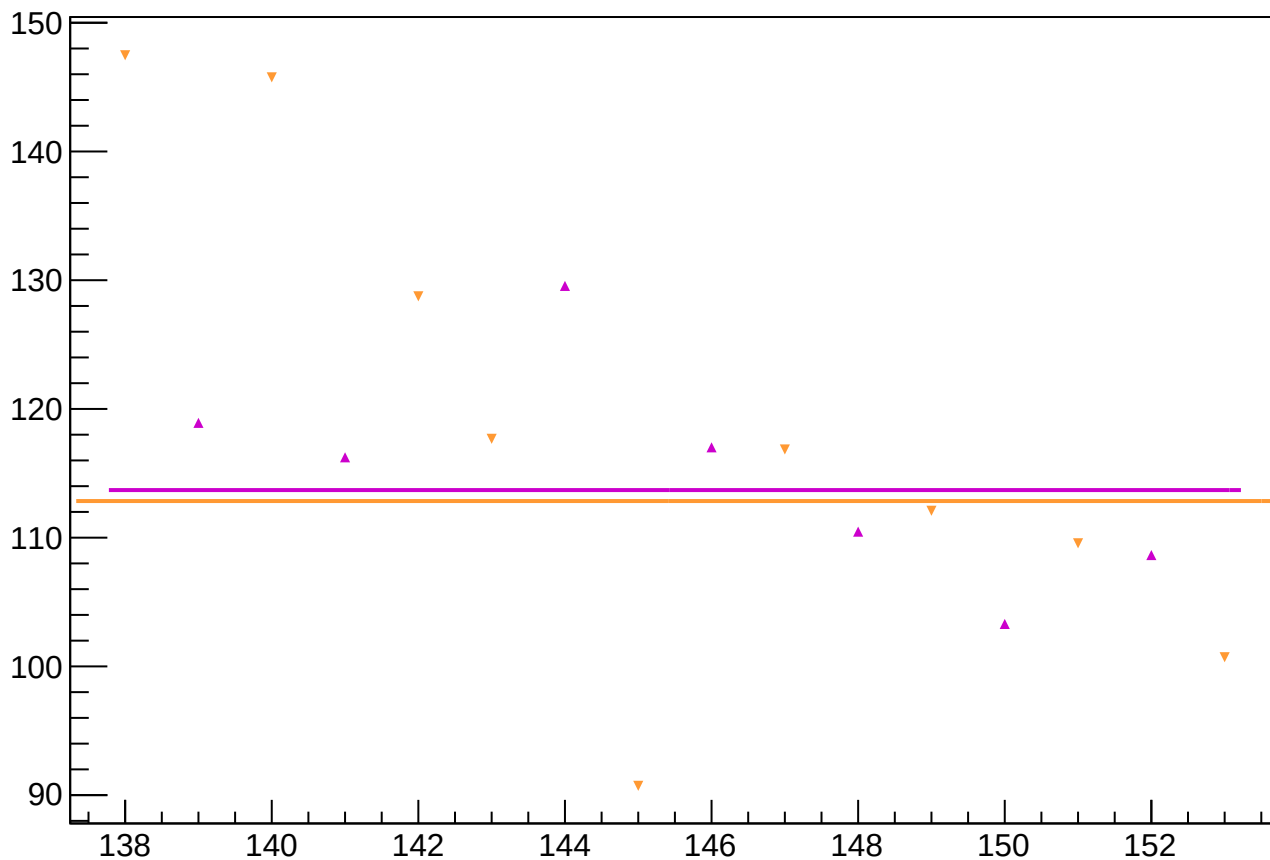
Left In: -104.392 $\pm$ 47.709 χ^2 /NDF:4.0/6

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

All: 0.296 $\pm$ 32.721 χ^2 /NDF: 18.8/15

- 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: 112.845+/-0.032 χ^2/NDF : 282889.5/8

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

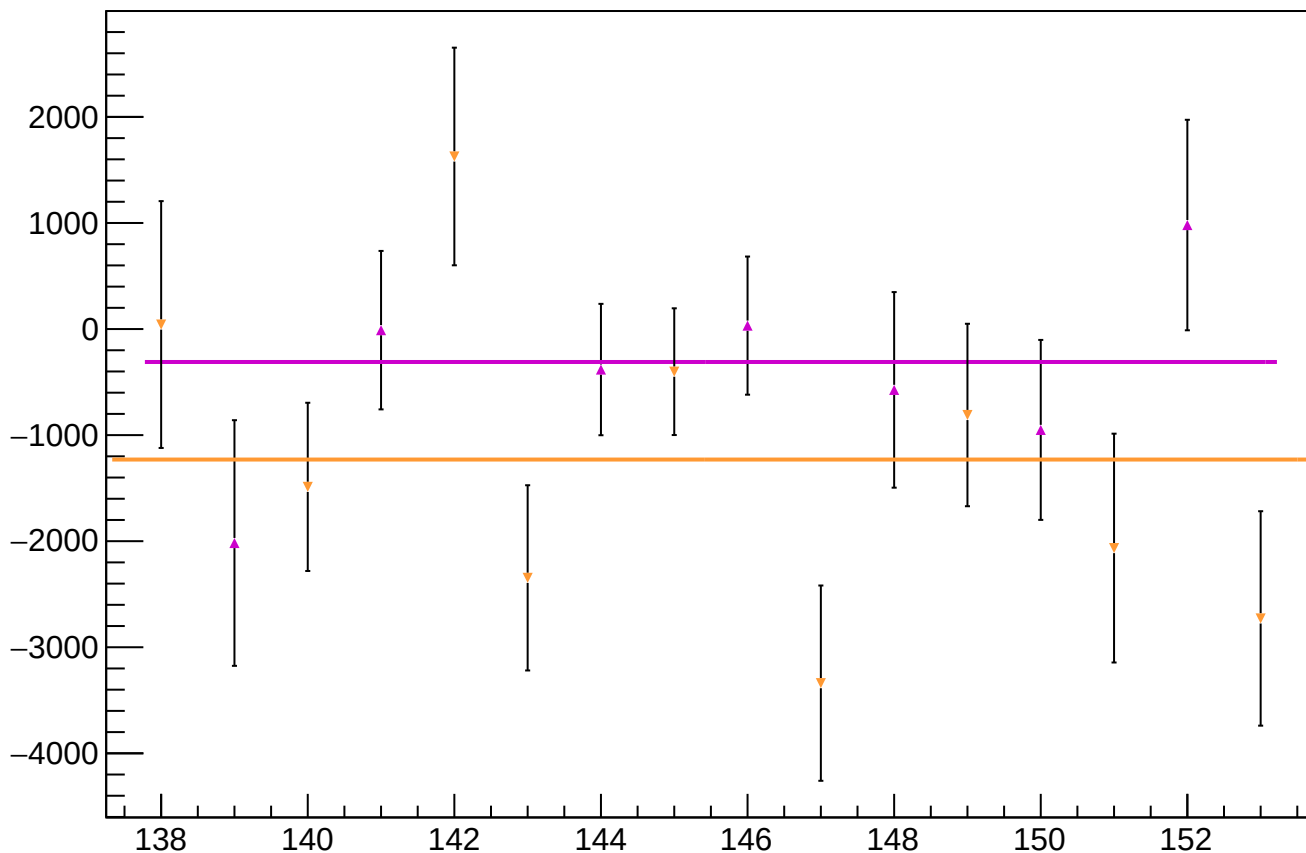
Left In: 113.697+/-0.034 χ^2/NDF : 52027.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.246+/-0.023 χ^2/NDF : 335254.3/15

- 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: -1230.333+/-291.579 χ^2/NDF :20.9/8

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

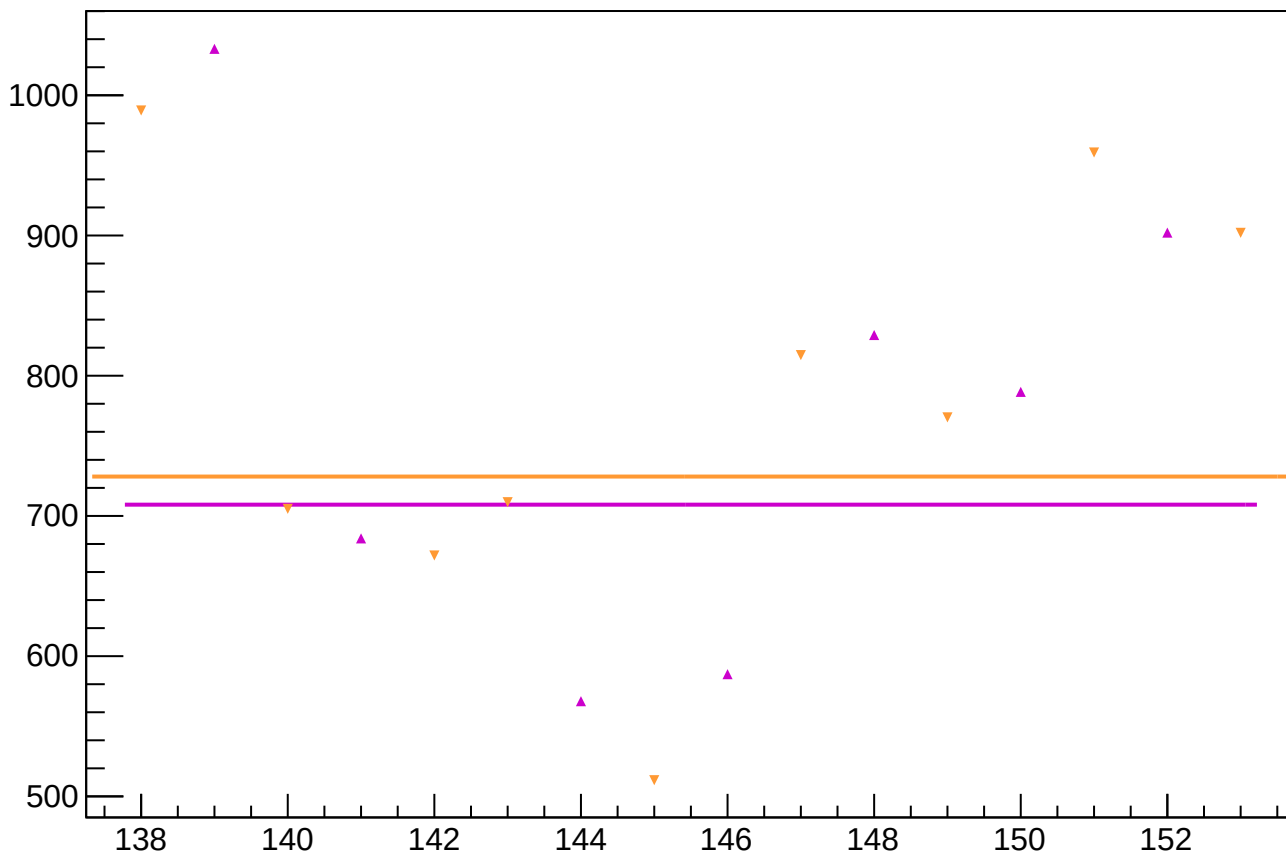
Left In: -310.564+/-300.356 χ^2/NDF :5.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -784.084+/-209.212 χ^2/NDF : 30.7/15

- 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: 728.087+/-0.206 χ^2/NDF :545475.3/8

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

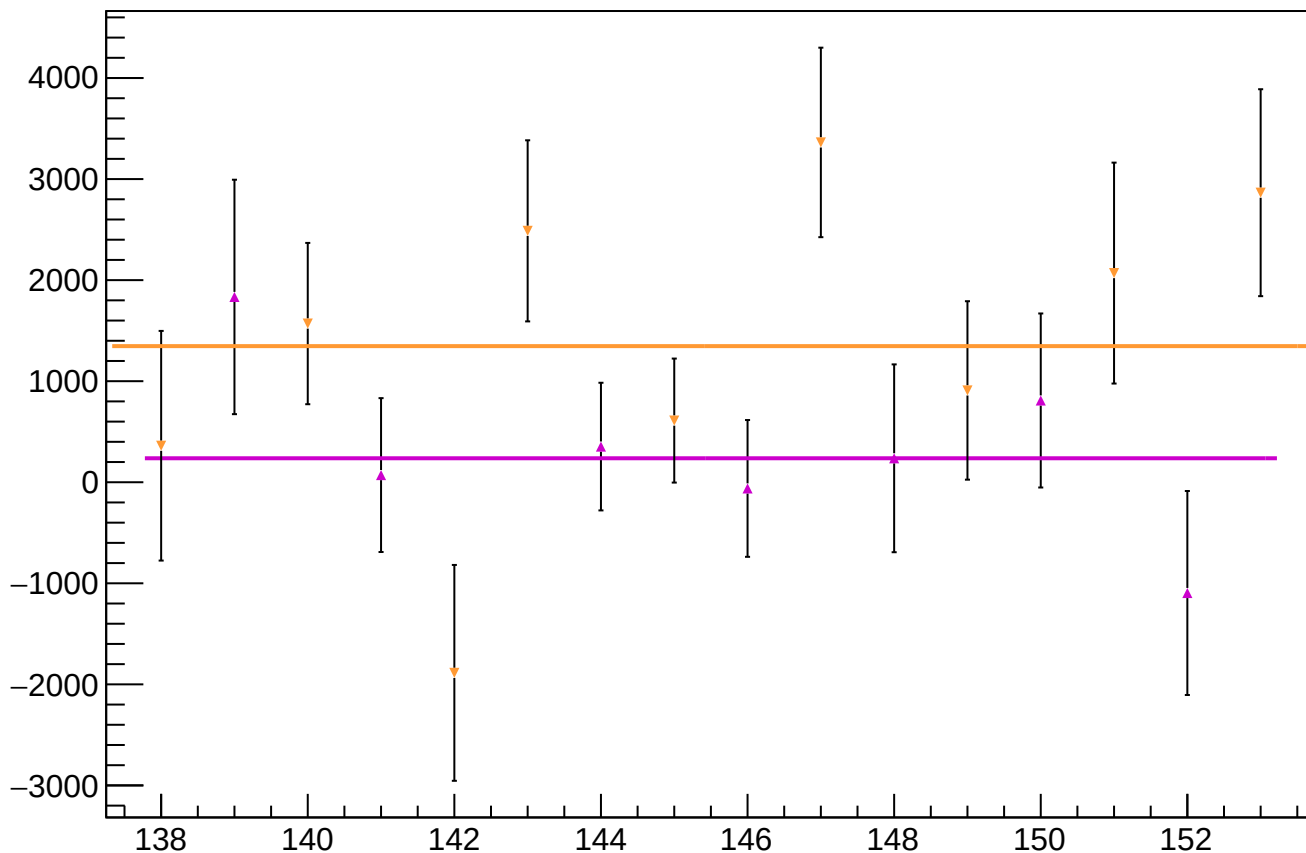
Left In: 708.041+/-0.212 χ^2/NDF :459919.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.361+/-0.148 χ^2/NDF : 1009981.2/15

- 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: 1346.938+/-297.035 χ^2/NDF : 20.6/8

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

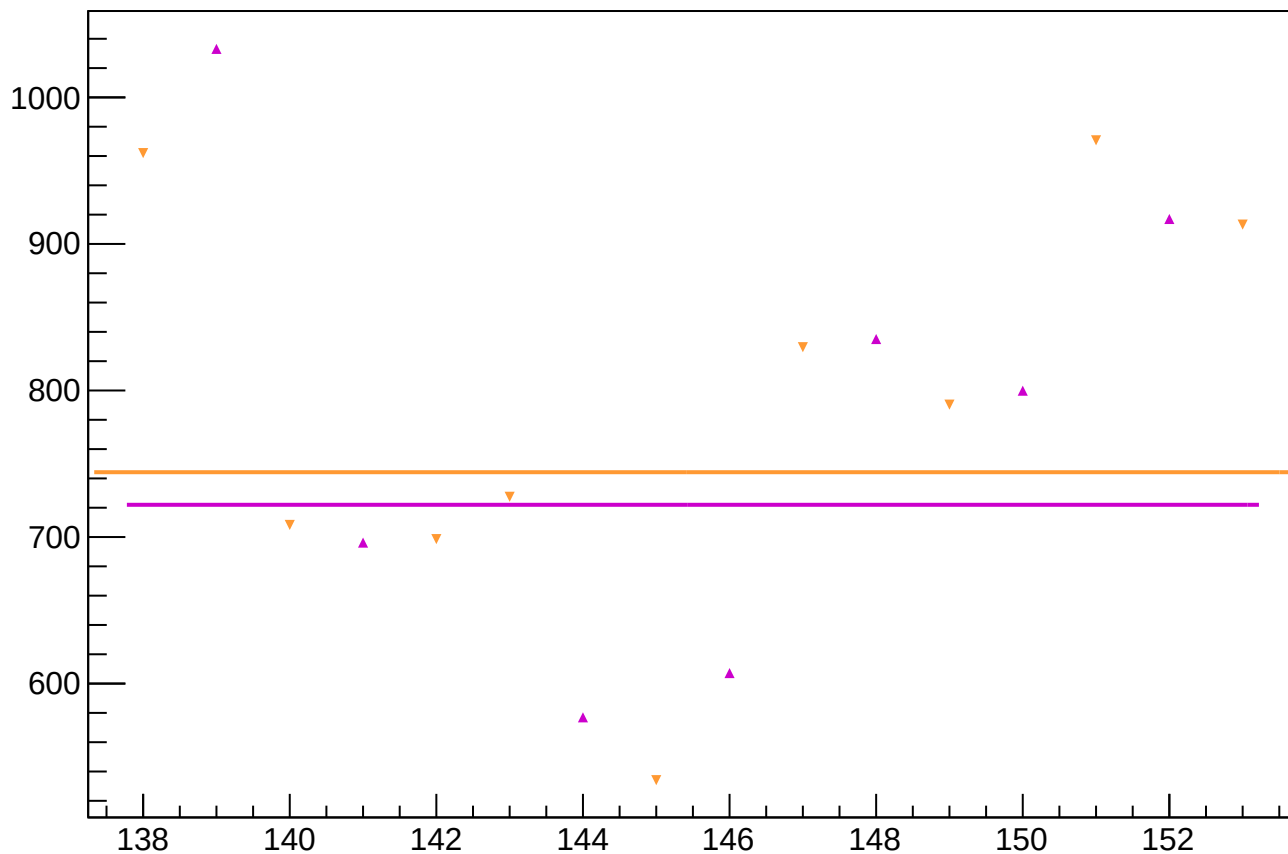
Left In: 237.246+/-306.480 χ^2/NDF : 4.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.452+/-213.296 χ^2/NDF : 31.7/15

- 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: 744.239+/-0.210 χ^2/NDF : 478797.0/8

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

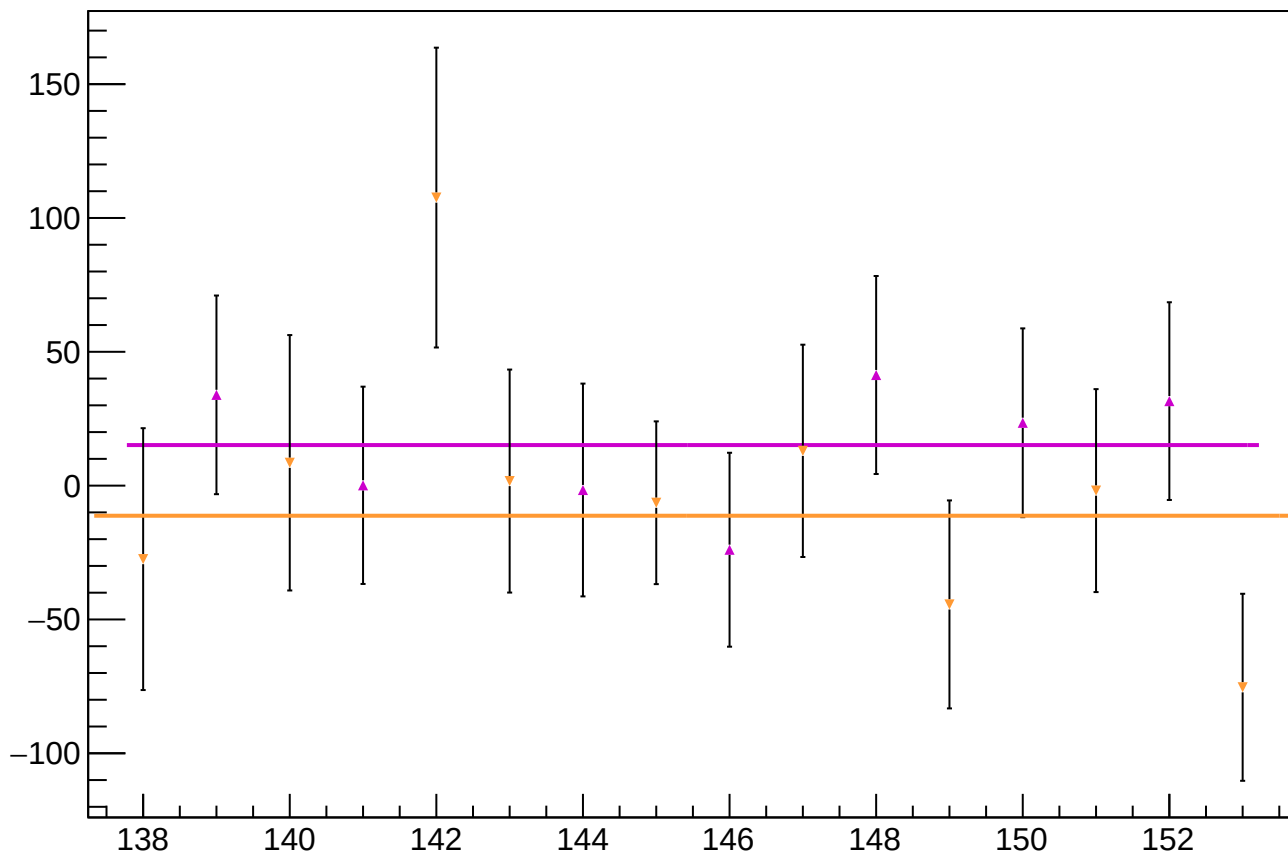
Left In: 722.001+/-0.217 χ^2/NDF : 429867.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.468+/-0.151 χ^2/NDF : 914094.3/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -11.247+/-13.307 χ^2/NDF : 9.4/8

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

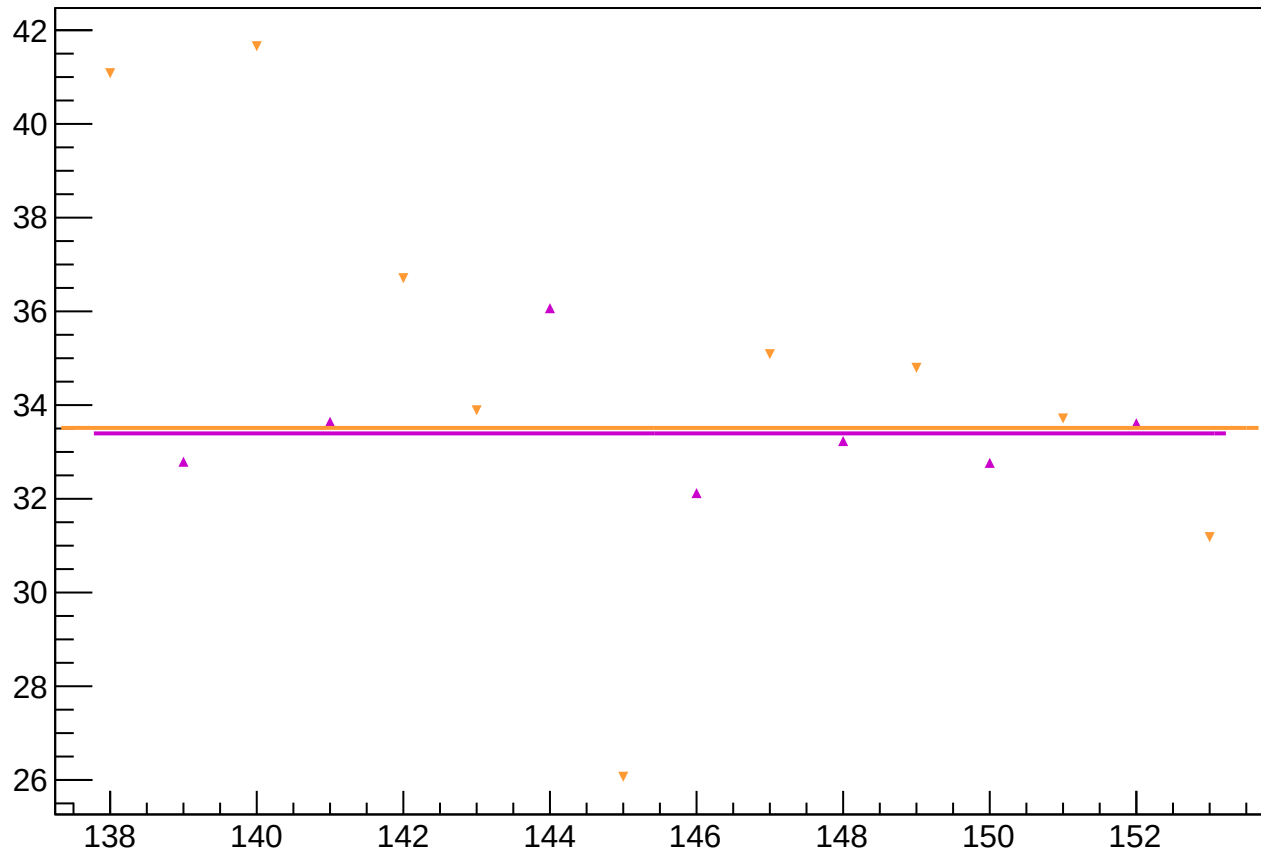
Left In: 15.155+/-13.969 χ^2/NDF : 2.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.314+/-9.635 χ^2/NDF : 13.8/15

- sign 0.000+/-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: 33.513+/-0.009 χ^2/NDF :247030.6/8

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

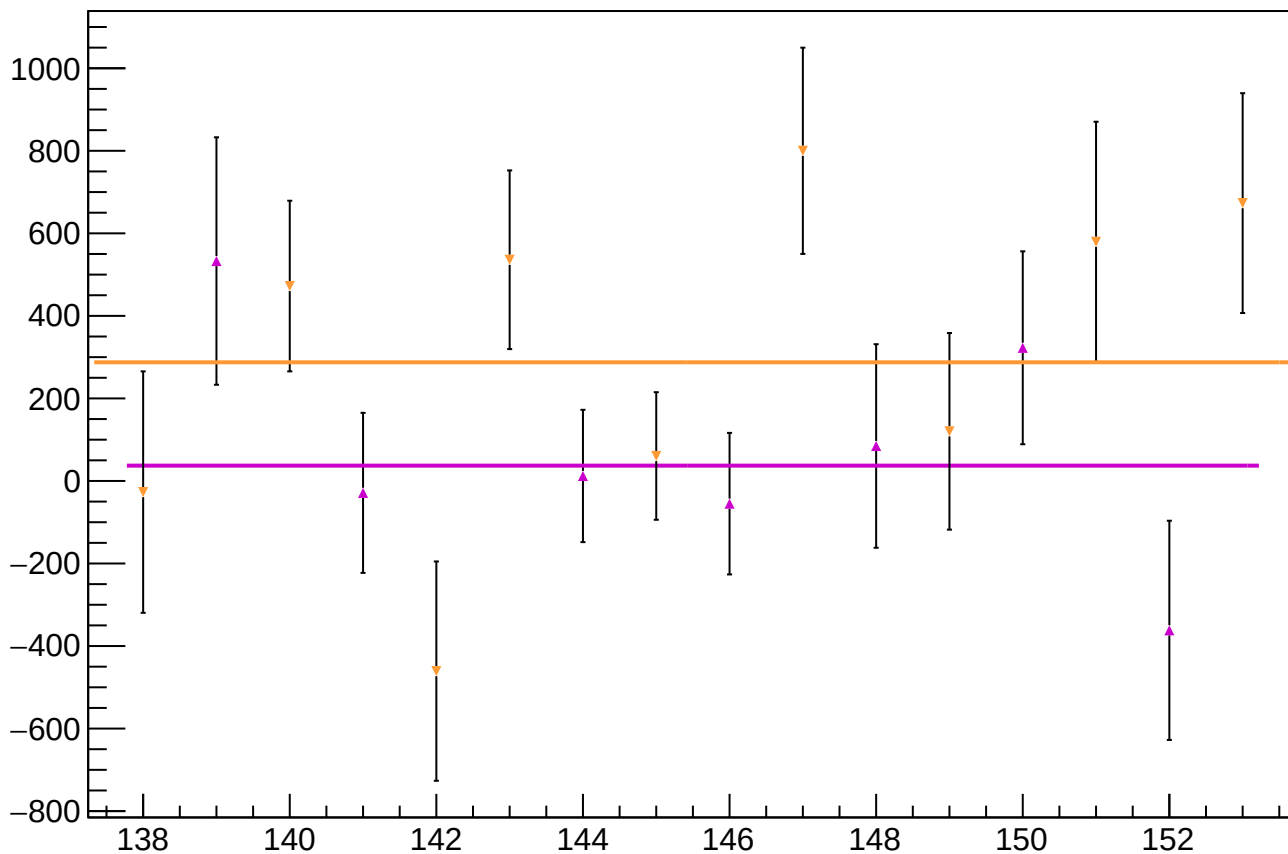
Left In: 33.396+/-0.010 χ^2/NDF :12875.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.457+/-0.007 χ^2/NDF : 259980.3/15

- 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: 287.529+/-76.254 χ^2/NDF : 21.2/8

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

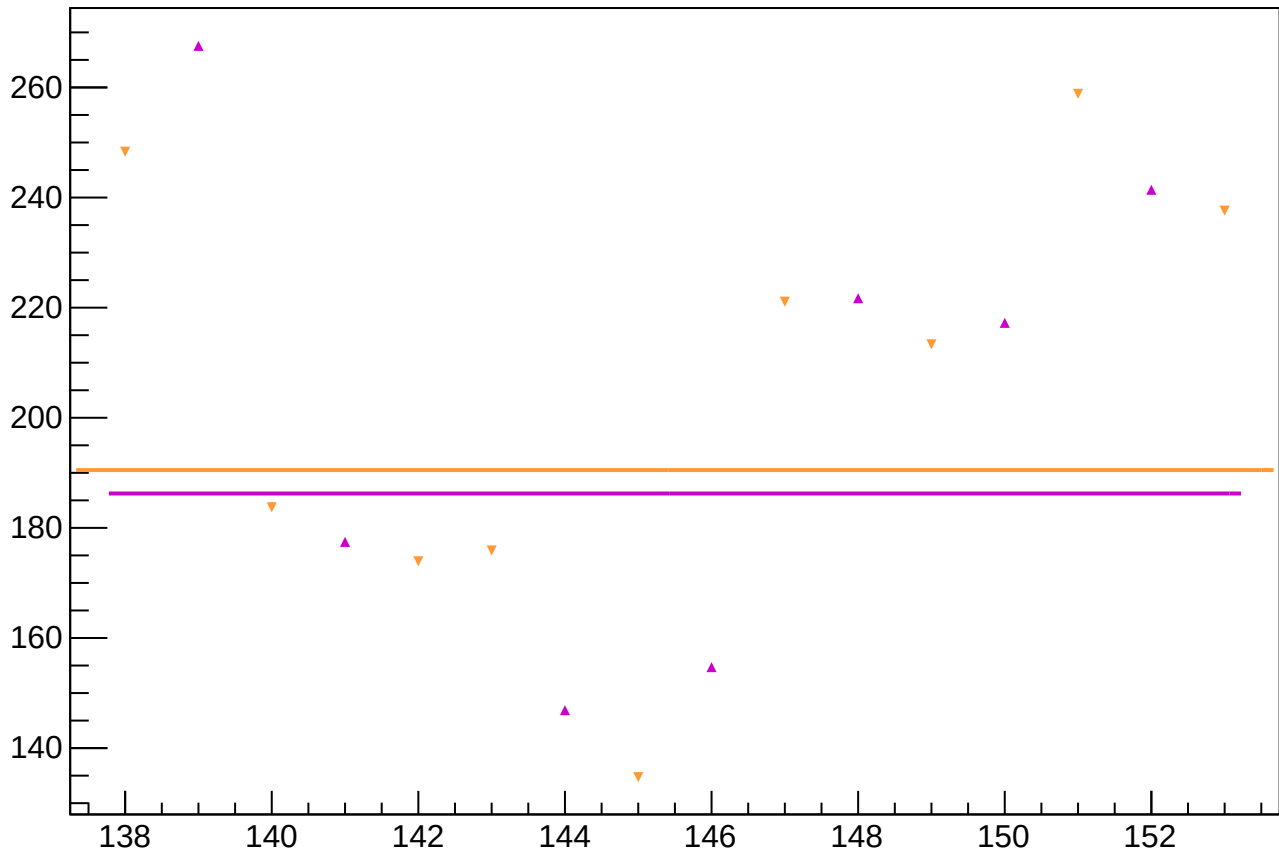
Left In: 37.148+/-79.166 χ^2/NDF : 7.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.028+/-54.920 χ^2/NDF : 33.3/15

- 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: 190.503+/-0.054 χ^2/NDF : 578934.1/8

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

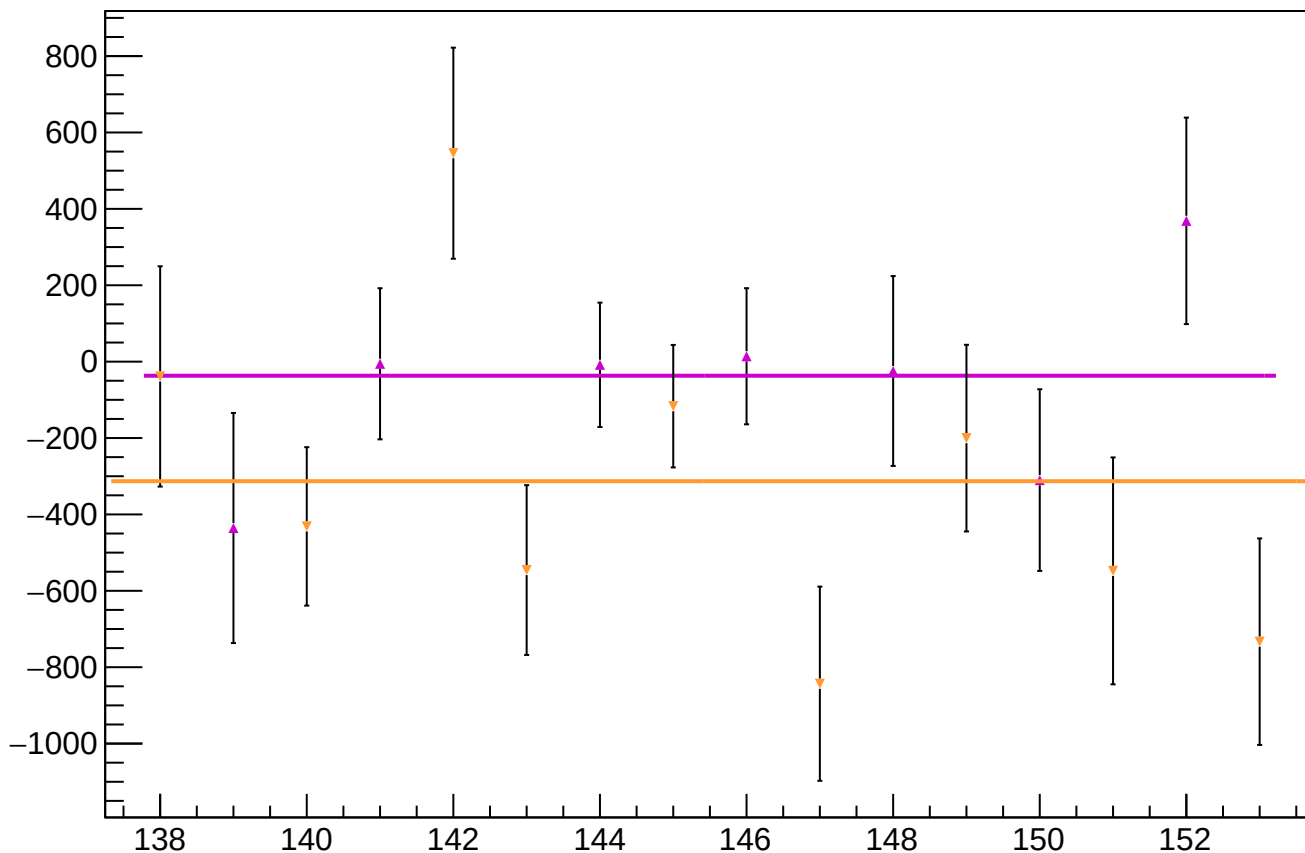
Left In: 186.248+/-0.056 χ^2/NDF : 502246.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.455+/-0.039 χ^2/NDF : 1084176.7/15

- 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: -313.040 ± 77.916 χ^2/NDF : 21.1/8

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

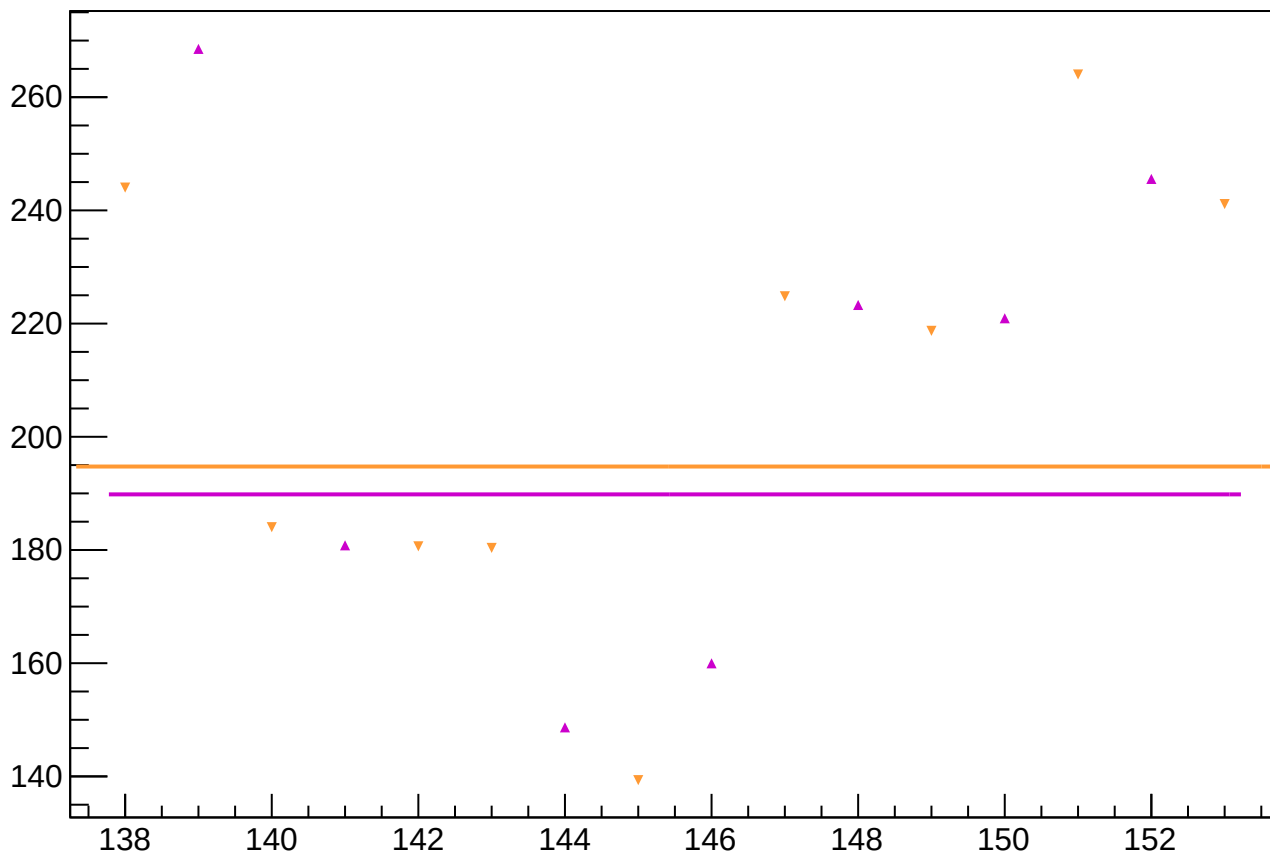
Left In: -36.822 ± 80.762 χ^2/NDF : 5.5/6

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -179.884 ± 56.074 χ^2/NDF : 32.6/15

- 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: 194.745+/-0.055 χ^2/NDF :530906.7/8

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

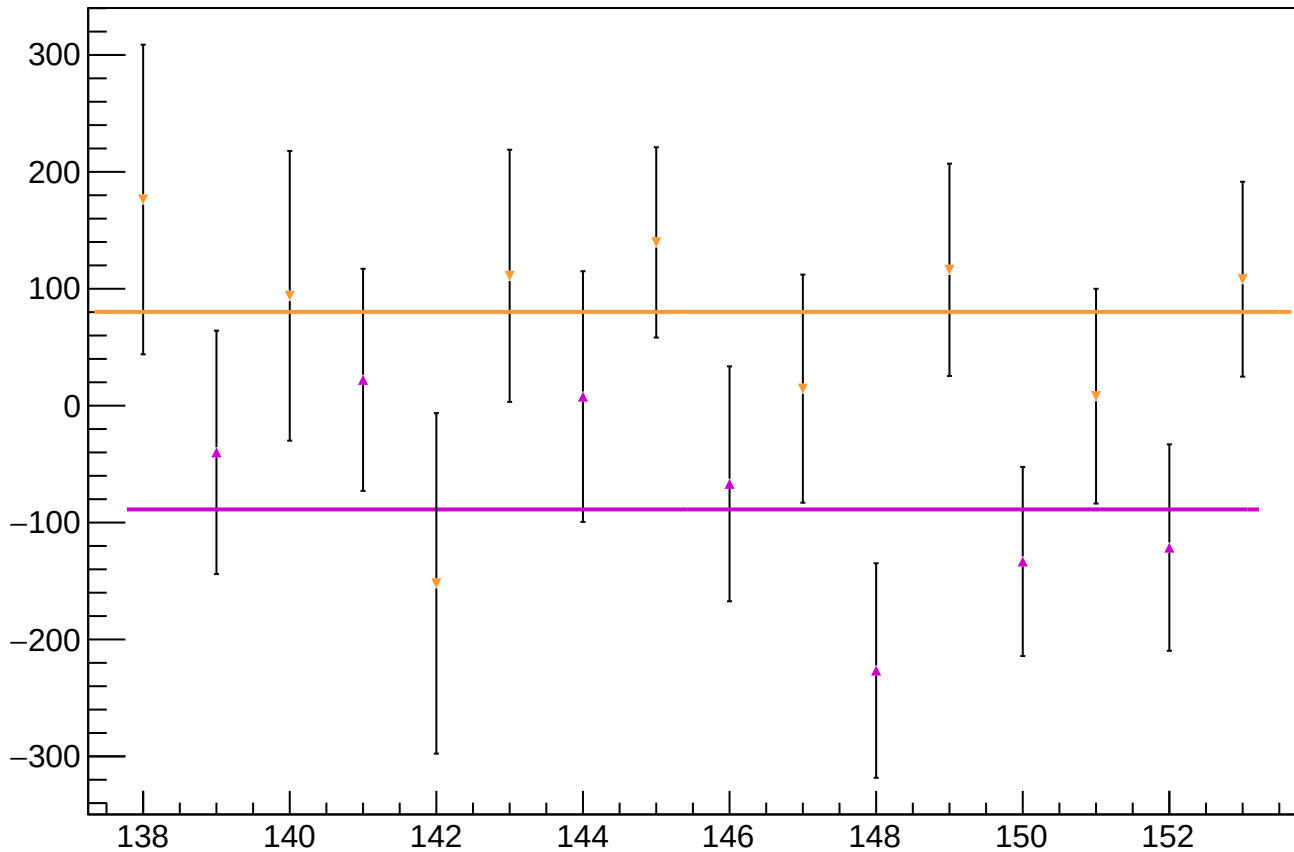
Left In: 189.827+/-0.057 χ^2/NDF :480025.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.374+/-0.040 χ^2/NDF : 1014773.5/15

- 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: 80.224 $\pm$ 33.426 χ^2 /NDF:5.0/8

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

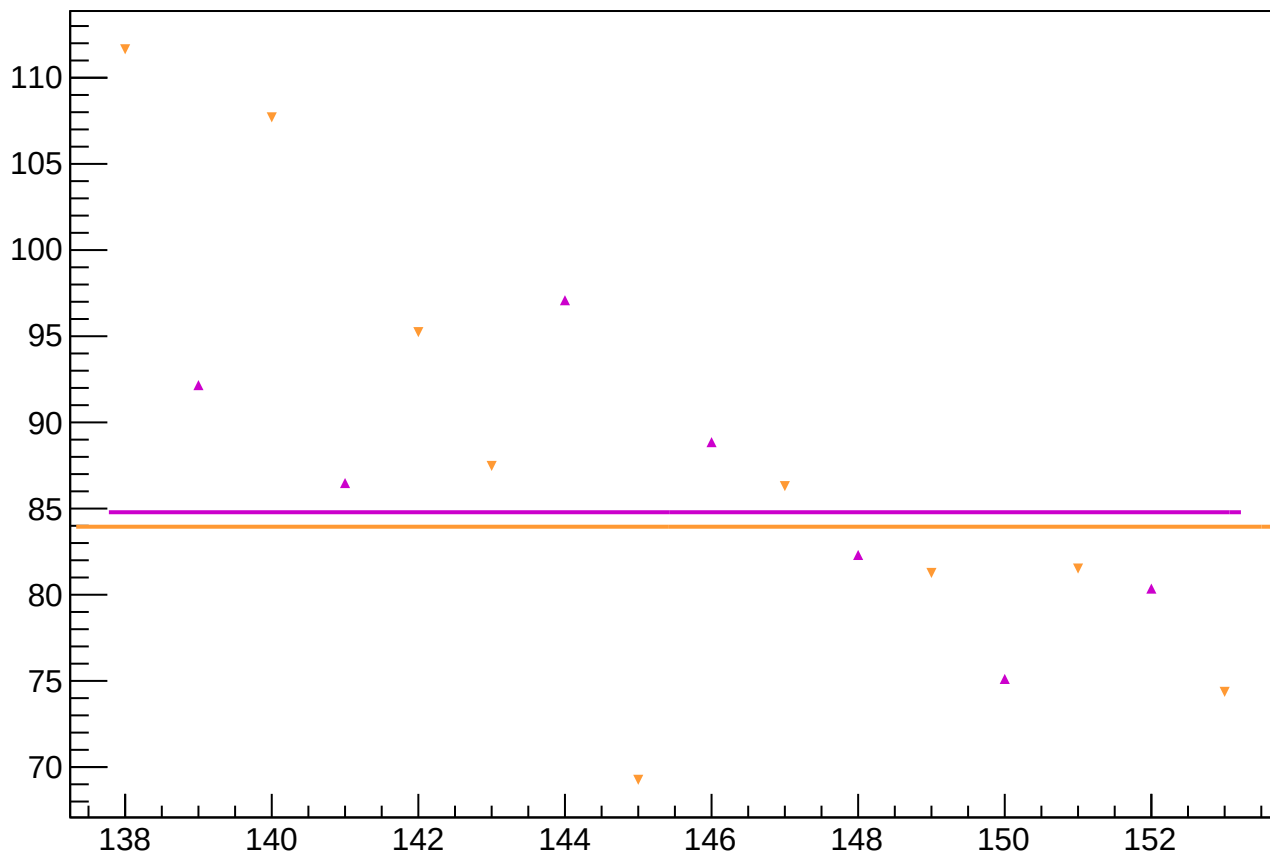
Left In: -88.769 $\pm$ 35.603 χ^2 /NDF:5.1/6

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

All: 1.052 $\pm$ 24.369 χ^2 /NDF: 22.1/15

- 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: 83.947+/-0.024 χ^2/NDF : 270992.7/8

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

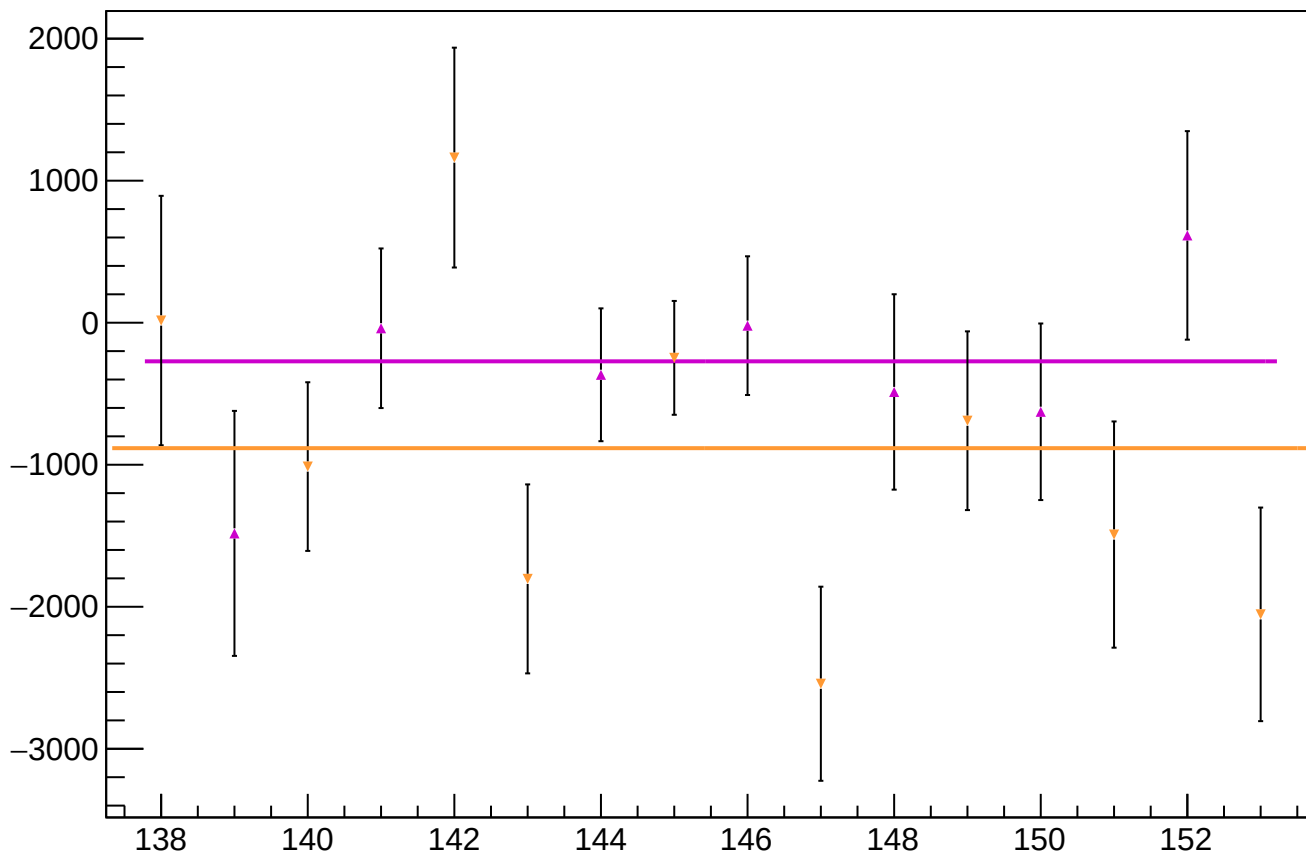
Left In: 84.787+/-0.025 χ^2/NDF : 75379.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.340+/-0.017 χ^2/NDF : 346963.8/15

- 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: -883.320+/-211.760 χ^2/NDF : 21.5/8

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

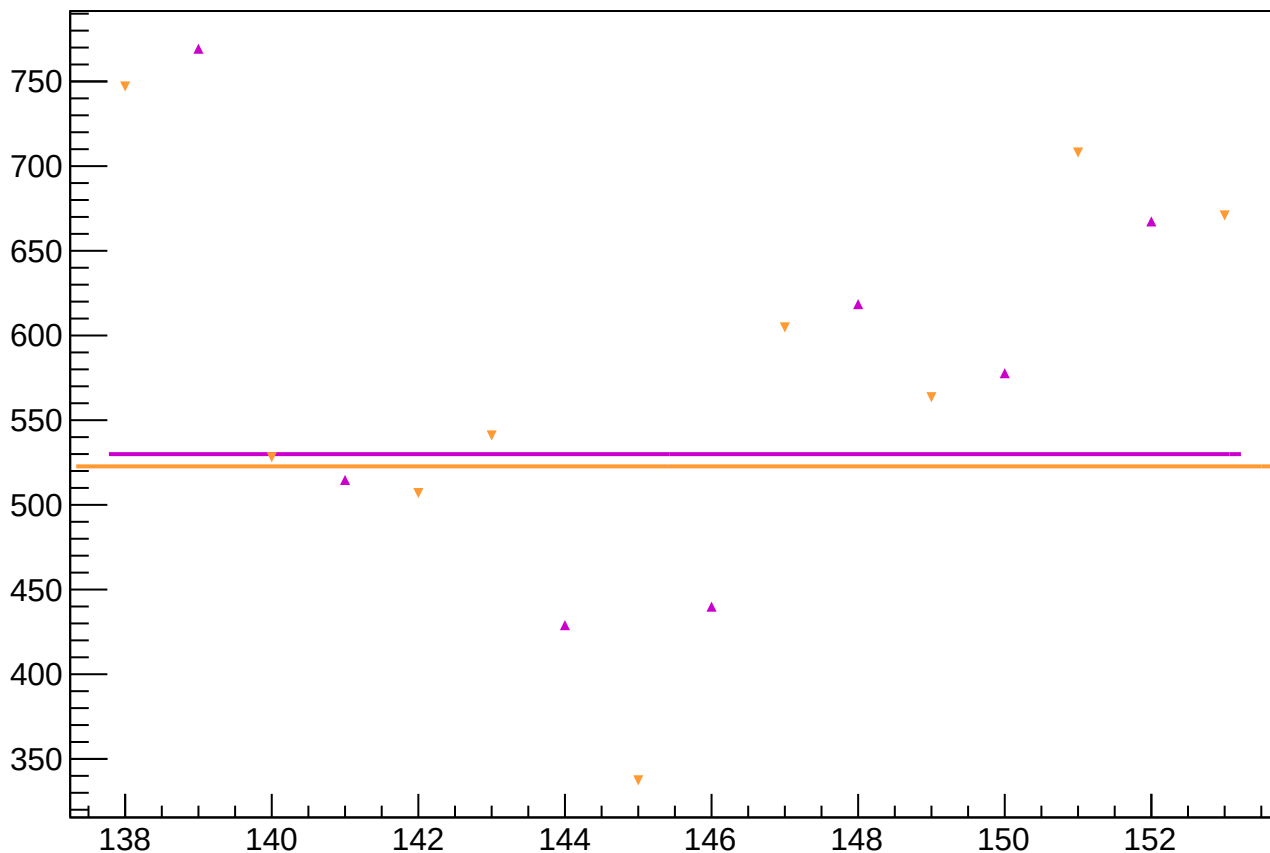
Left In: -271.927+/-224.539 χ^2/NDF : 4.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -595.516+/-154.056 χ^2/NDF : 29.8/15

- 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: 522.731+/-0.150 χ^2/NDF : 783968.4/8

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

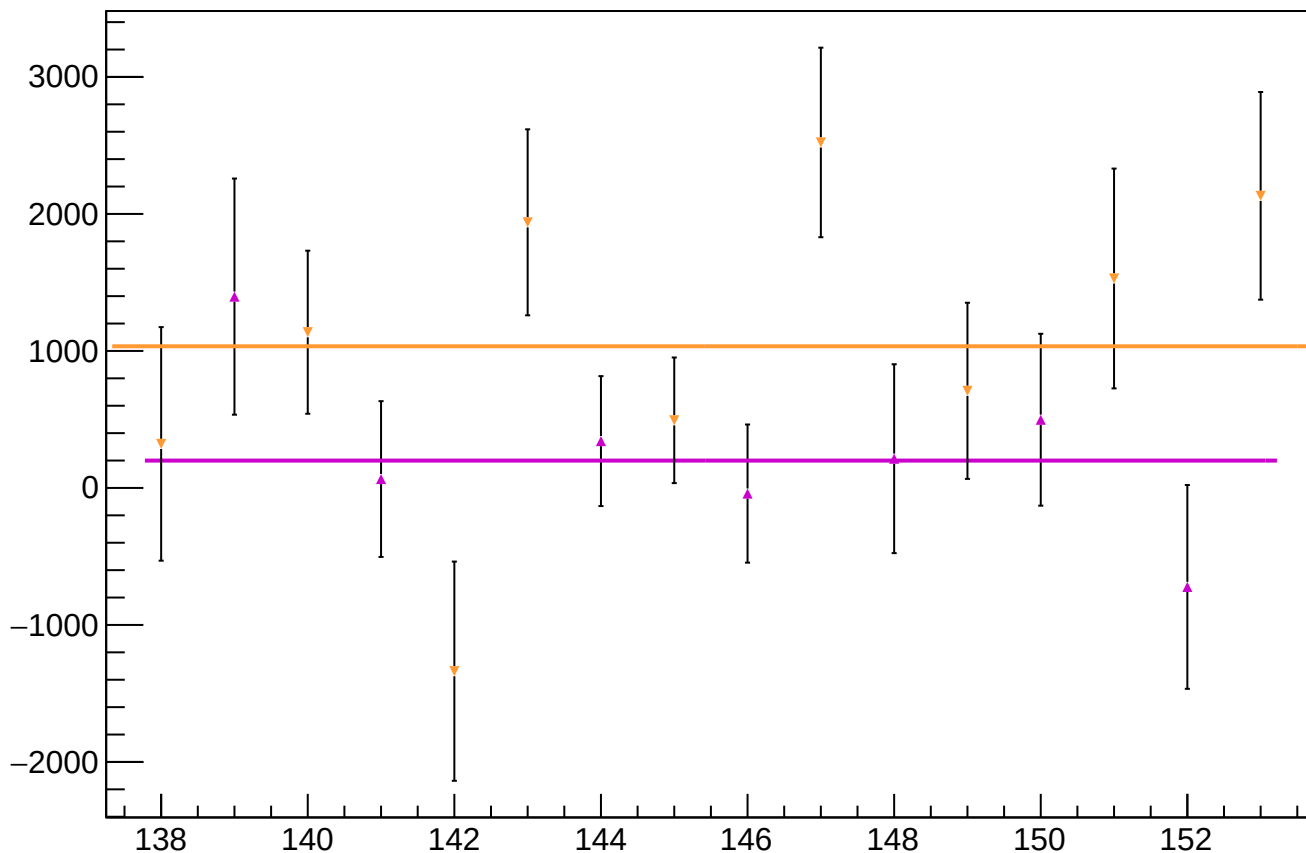
Left In: 529.958+/-0.159 χ^2/NDF : 431797.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.133+/-0.109 χ^2/NDF : 1216862.1/15

- 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: 1033.993+/-220.884 χ^2/NDF : 20.0/8

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

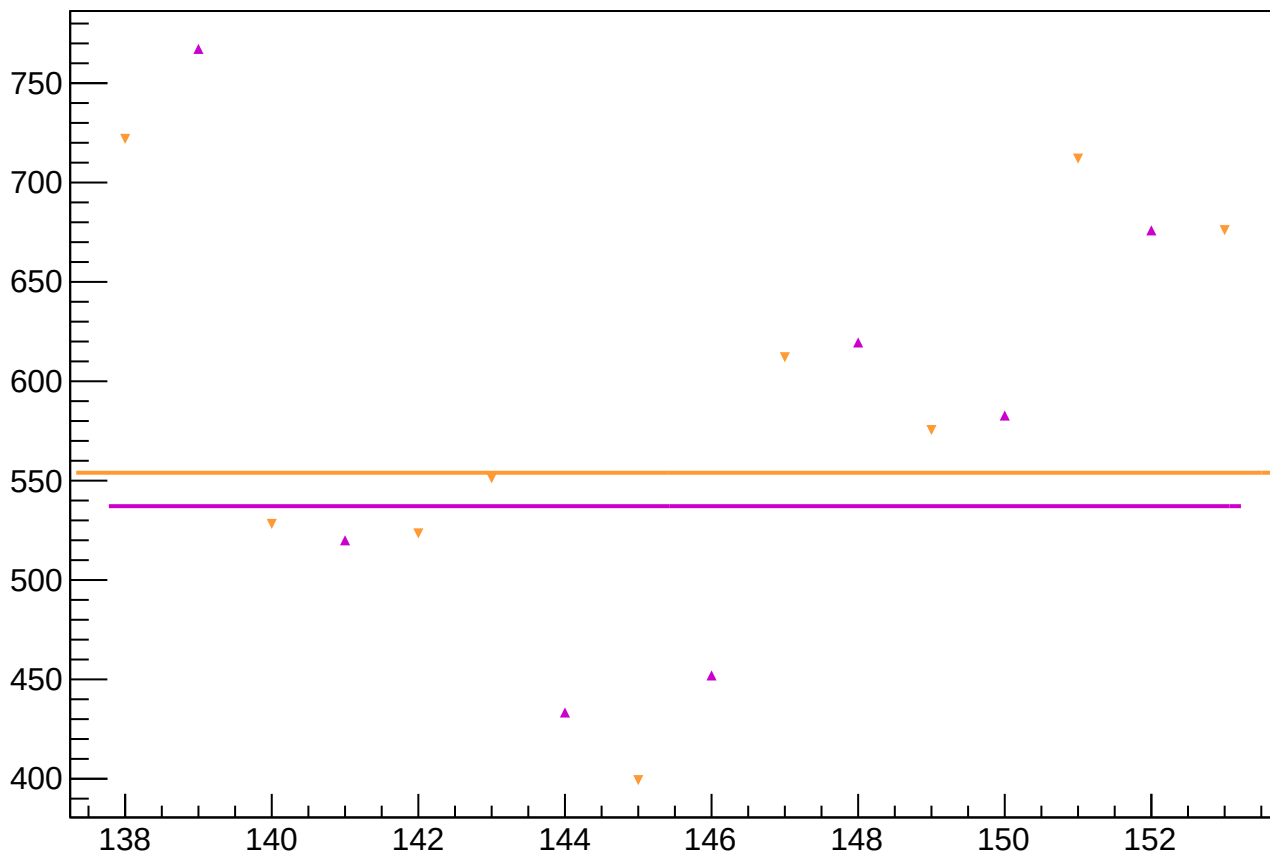
Left In: 199.713+/-227.775 χ^2/NDF : 4.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.662+/-158.569 χ^2/NDF : 31.0/15

- 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: 553.986+/-0.156 χ^2/NDF : 457887.2/8

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

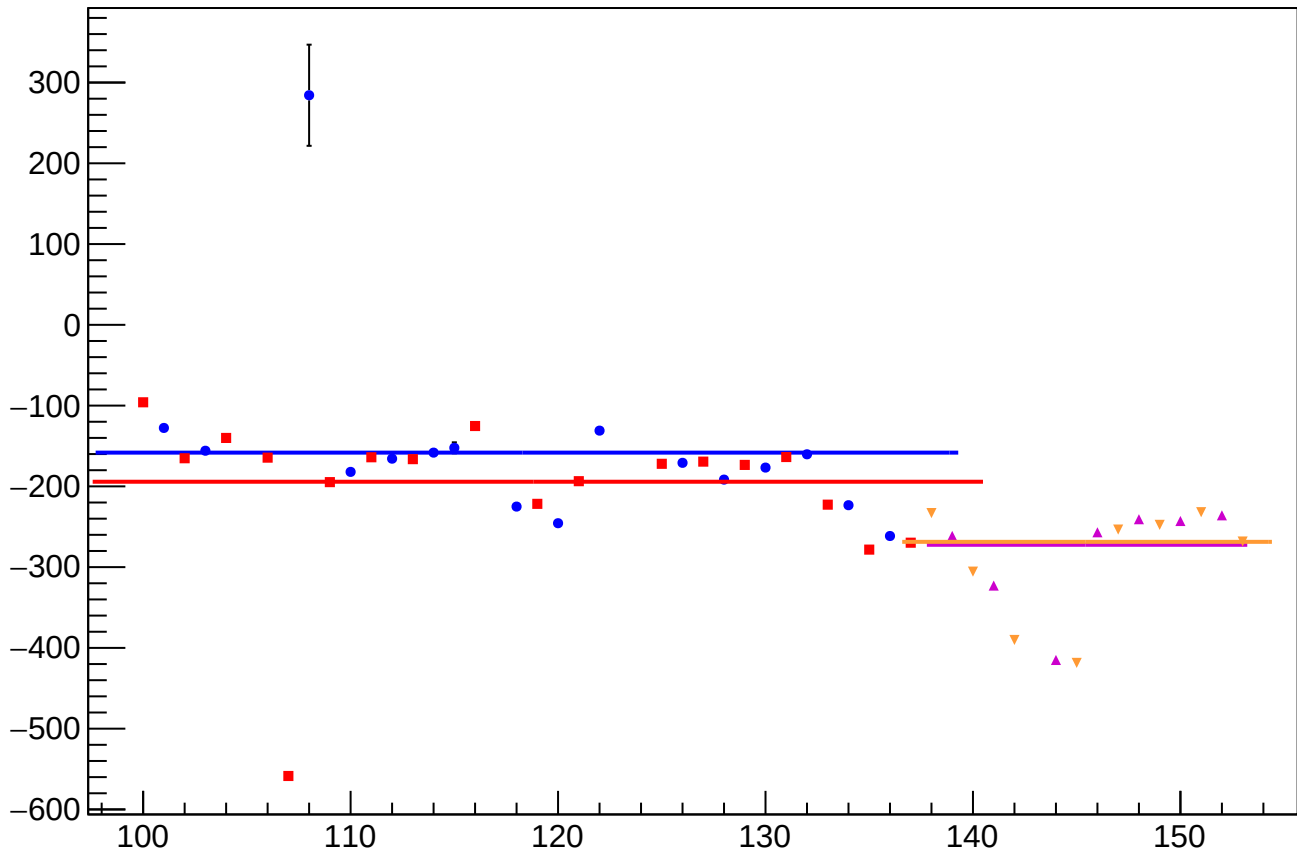
Left In: 537.157+/-0.161 χ^2/NDF : 406062.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.830+/-0.112 χ^2/NDF : 869576.1/15

- 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: -268.682+/-0.220 χ^2/NDF : 24796.5/7

Right Out: -194.268+/-0.165 χ^2/NDF : 176560.4/17

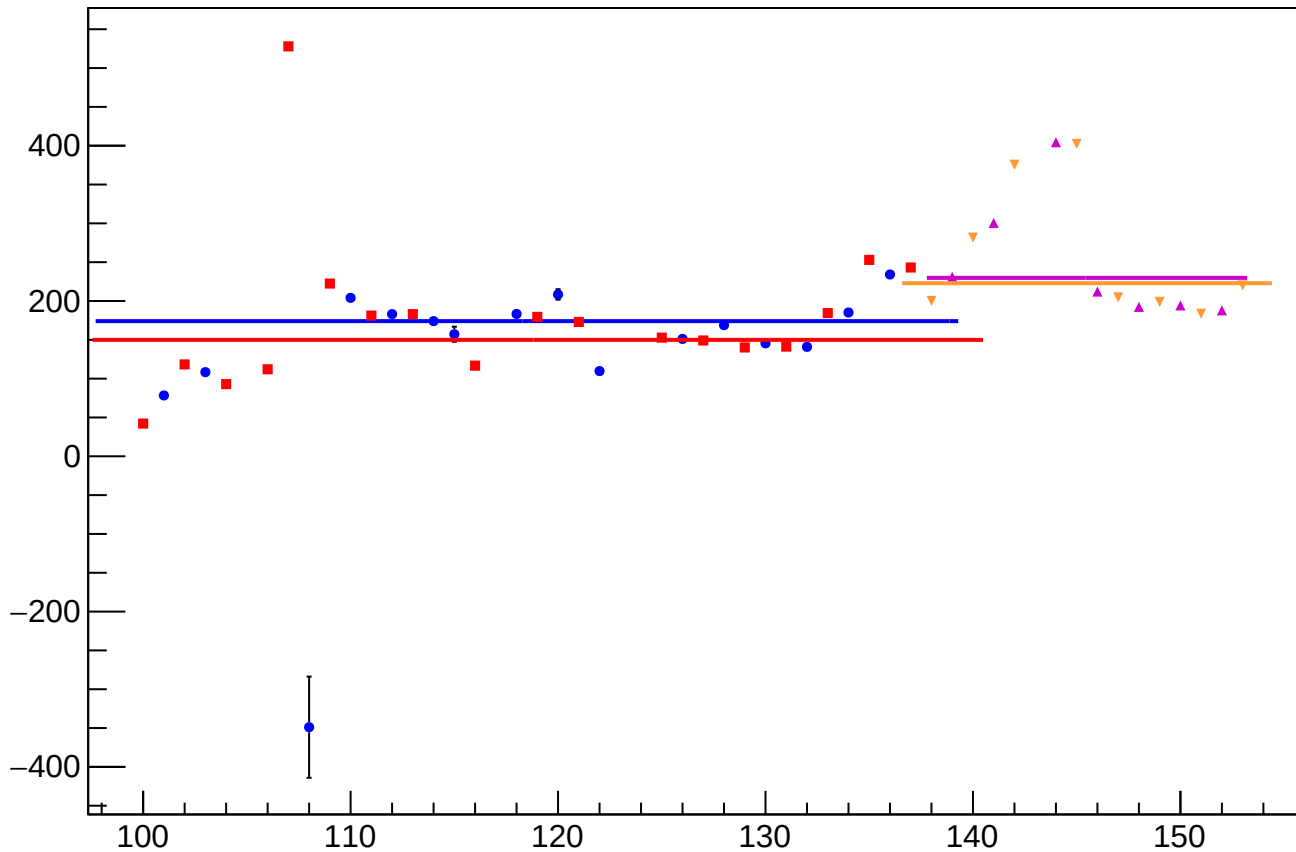
Left In: -272.338+/-0.228 χ^2/NDF : 42141.0/6

+ sign -158.222+/-0.000 χ^2/NDF : 393456.6/23

All: -158.222+/-0.000 χ^2/NDF : 911002.7/48

- sign -221.181+/-0.134 χ^2/NDF : 295741.7/24

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 222.893+/-0.220 χ^2/NDF : 32426.8/7

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

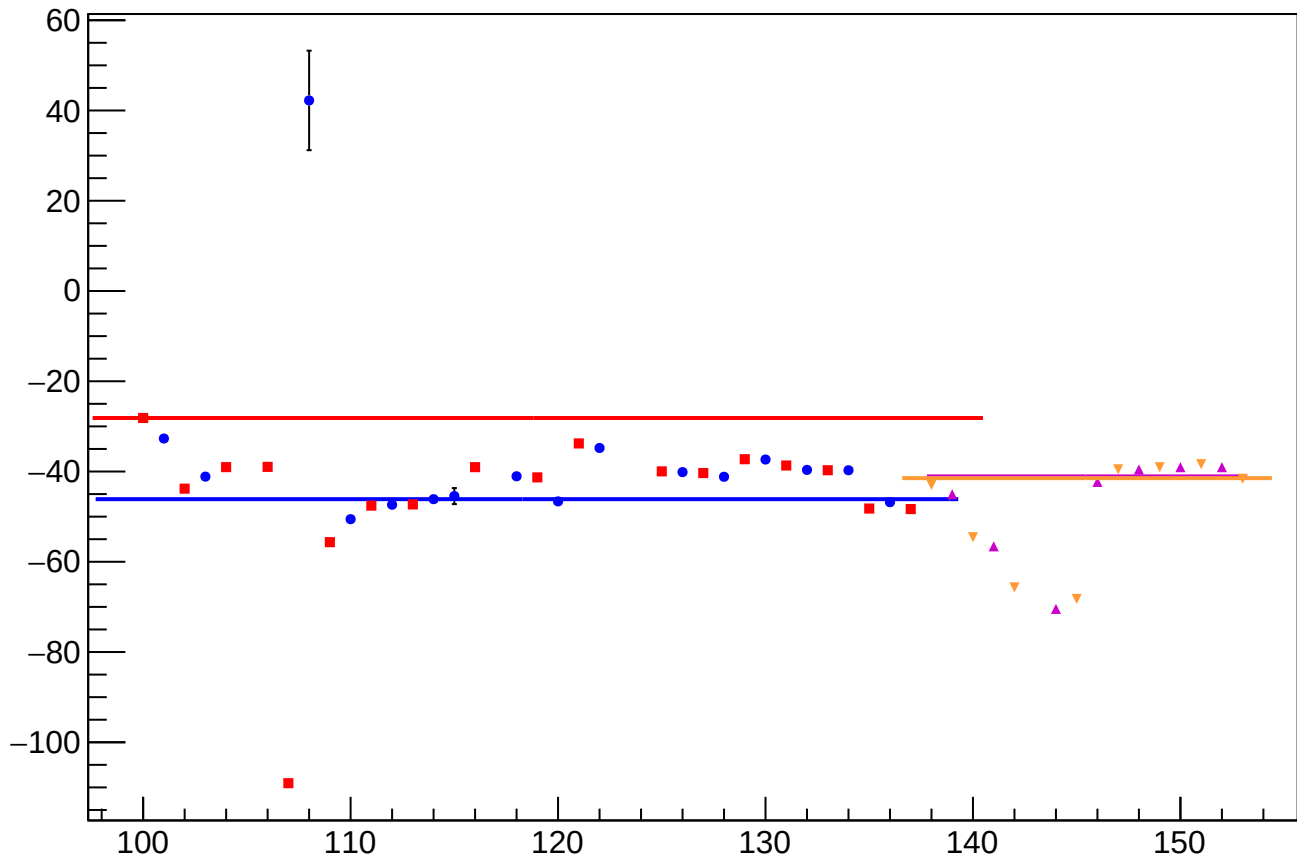
Left In: 229.800+/-0.232 χ^2/NDF : 59361.6/6

+ sign 174.085+/-0.000 χ^2/NDF : 134914.9/23

All: 174.085+/-0.000 χ^2/NDF : 435138.9/48

- sign 183.150+/-0.149 χ^2/NDF : 296545.6/24

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -41.471 ± 0.010 χ^2/NDF : 84091.5/7

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

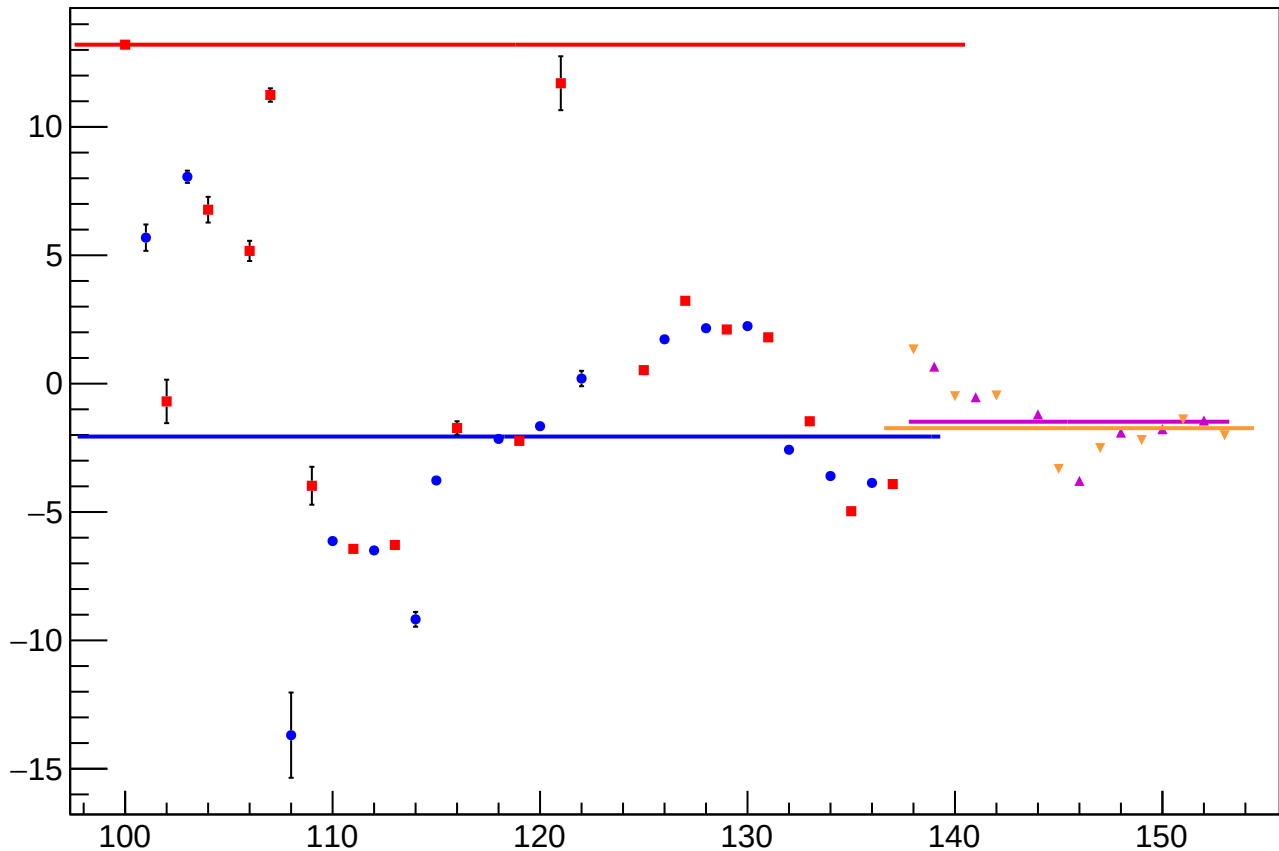
Left In: -41.080 ± 0.014 χ^2/NDF : 153215.2/6

+ sign -46.126 ± 0.000 χ^2/NDF : 496831.1/23

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

- sign -28.139 ± 0.000 χ^2/NDF : 1698694.7/24

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.734 ± 0.011 χ^2/NDF : 7294.3/7

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

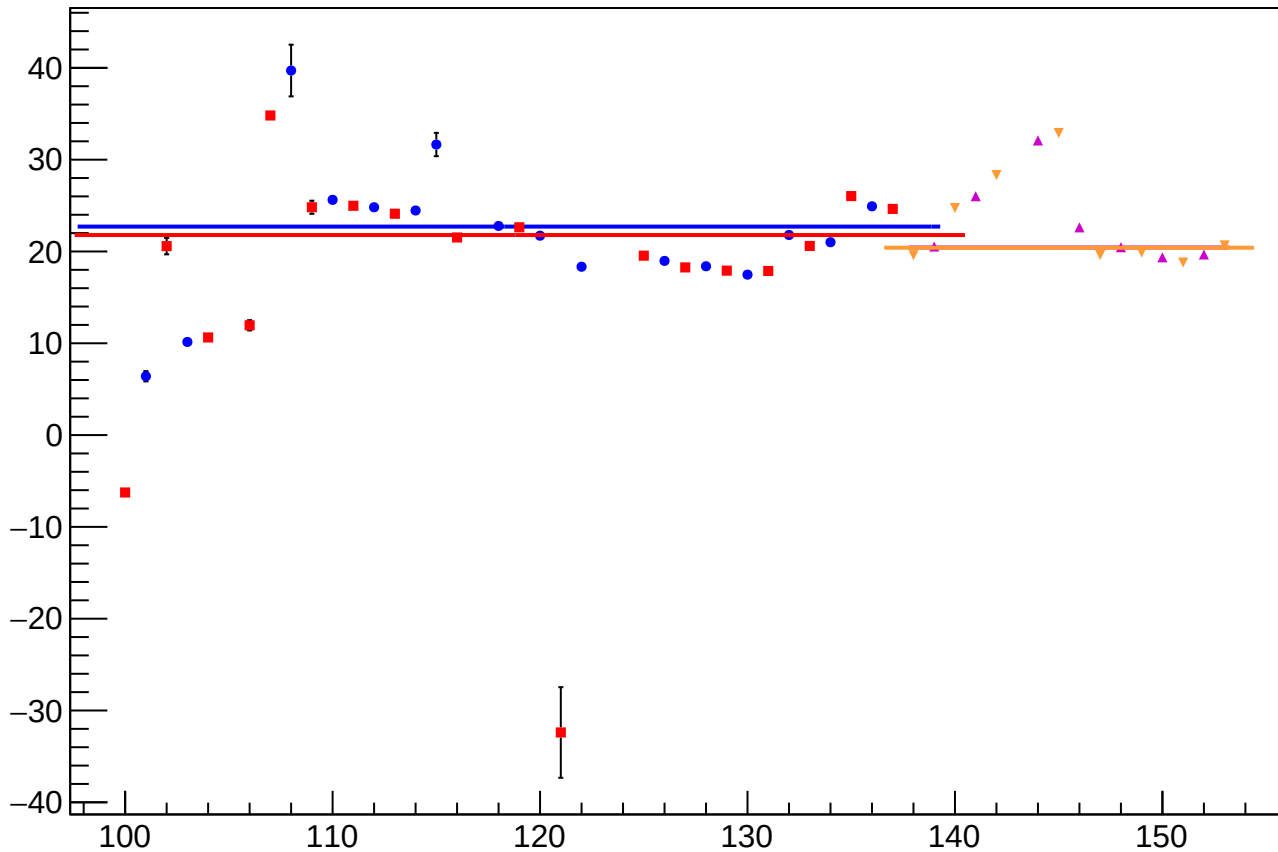
Left In: -1.483 ± 0.011 χ^2/NDF : 6080.0/6

+ sign -1.830 ± 0.010 χ^2/NDF : 33197.4/23

All: 13.204 ± 0.000 χ^2/NDF : 4902708.5/48

- sign 13.204 ± 0.000 χ^2/NDF : 2437143.5/24

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.412 $\pm$ 0.015 χ^2 /NDF:14226.5/7

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

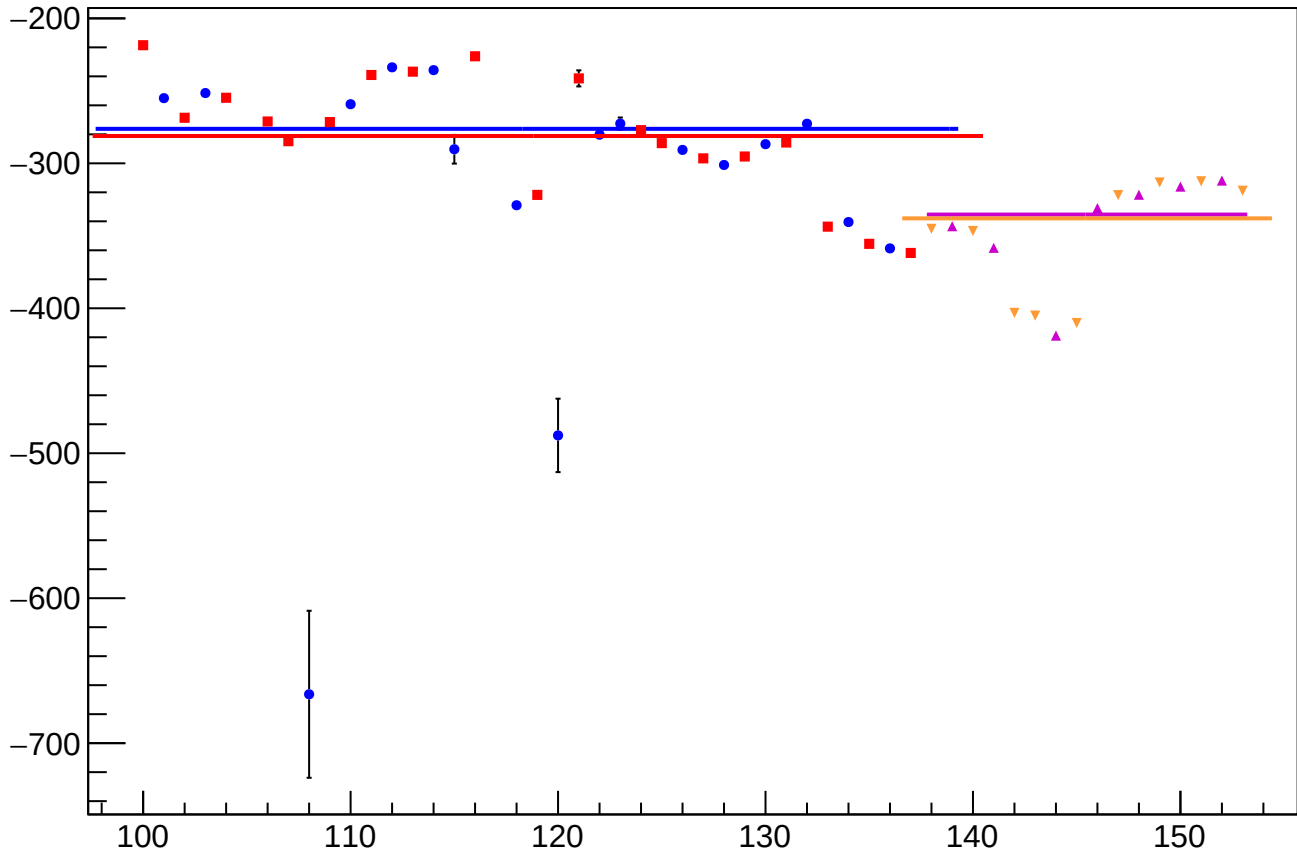
Left In: 20.433 $\pm$ 0.014 χ^2 /NDF:26561.7/6

+ sign 21.288 $\pm$ 0.012 χ^2 /NDF: 46294.7/23

All: 21.078 $\pm$ 0.008 χ^2 /NDF: 102948.4/48

- sign 20.854 $\pm$ 0.012 χ^2 /NDF: 55976.3/24

dit_usr_4aX_slope vs Slug



Right In: -276.201 $\pm$ 0.167 χ^2 /NDF: 58107.7/16

Left Out: -337.968 $\pm$ 0.196 χ^2 /NDF:24015.7/8

Right Out: -281.150 $\pm$ 0.148 χ^2 /NDF: 77611.5/18

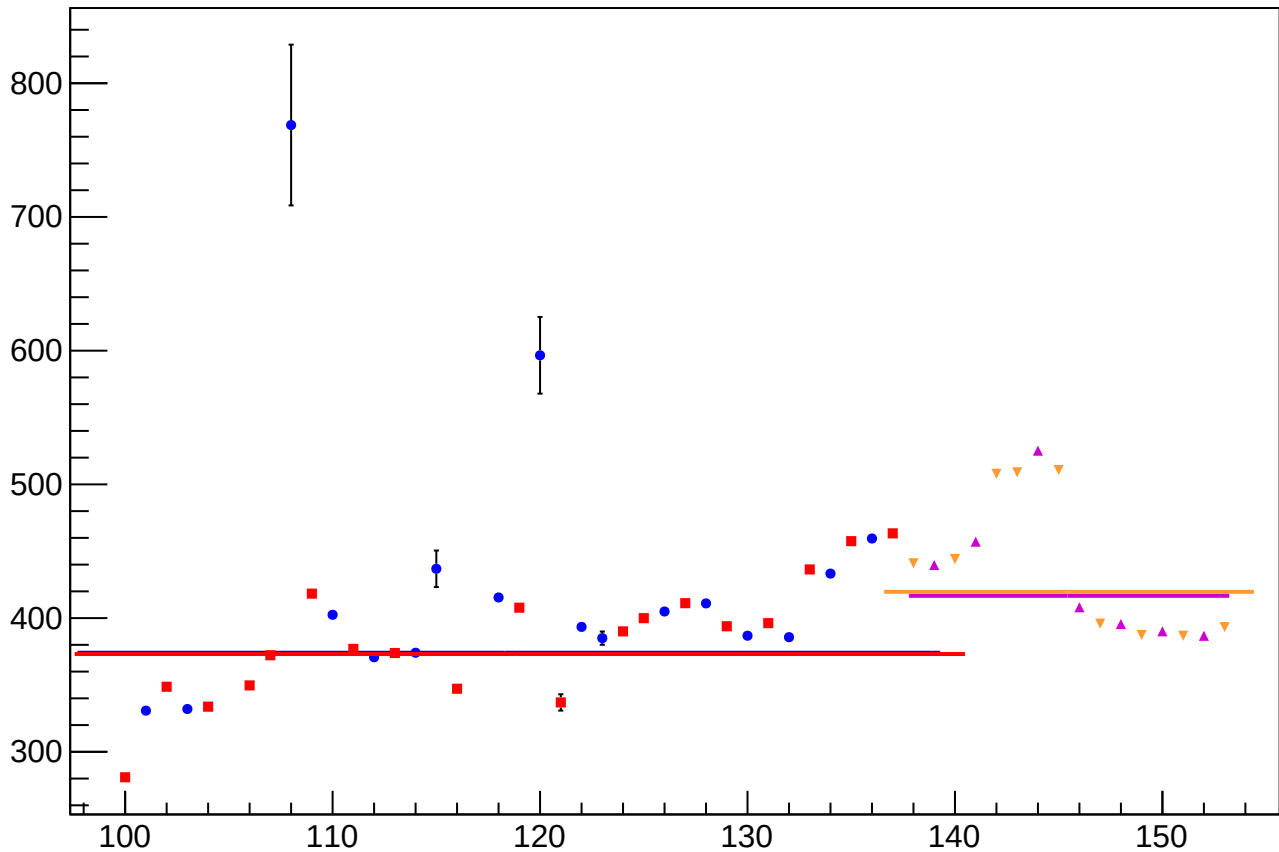
Left In: -335.350 $\pm$ 0.152 χ^2 /NDF:30873.1/6

+ sign -302.178 $\pm$ 0.127 χ^2 /NDF: 139955.3/25

All: -305.330 $\pm$ 0.081 χ^2 /NDF: 315139.5/51

- sign -307.522 $\pm$ 0.106 χ^2 /NDF: 174136.3/25

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 419.670 $\pm$ 0.198 χ^2 /NDF:43363.9/8

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

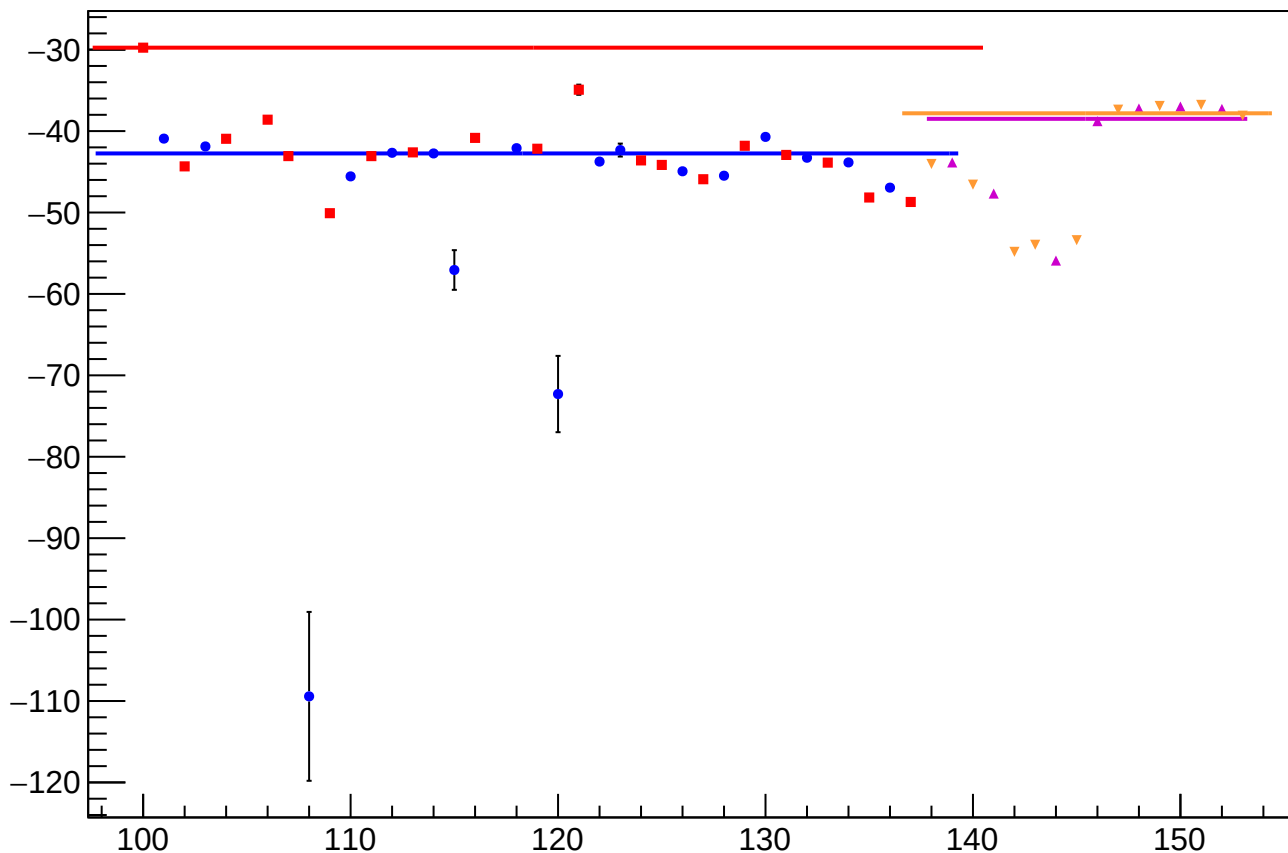
Left In: 416.686 $\pm$ 0.155 χ^2 /NDF:52897.0/6

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 131679.2/25

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 368728.2/51

- sign 395.376 $\pm$ 0.110 χ^2 /NDF: 199945.0/25

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -37.814+/-0.006 χ^2/NDF : 248990.8/8

Right Out: -29.754+/-0.000 χ^2/NDF : 483930.3/18

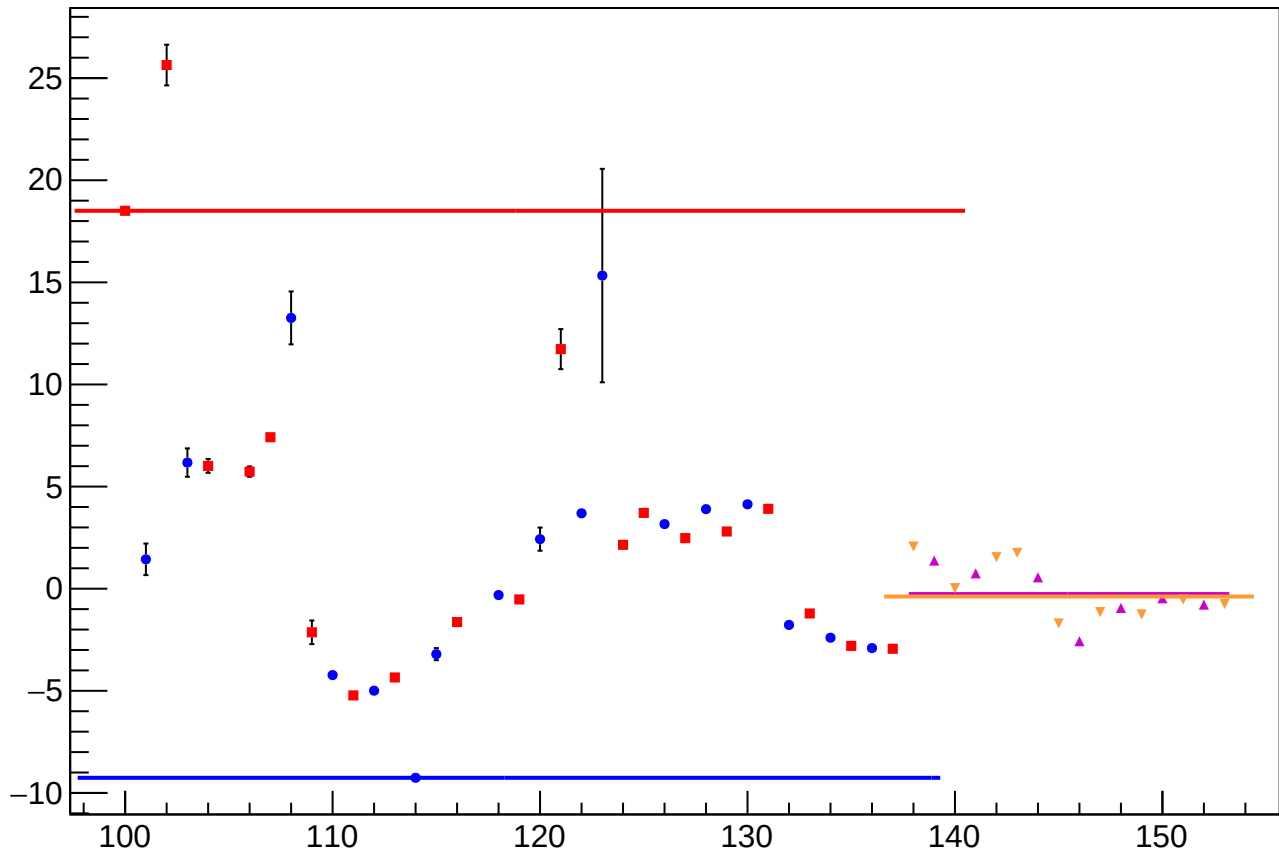
Left In: -38.496+/-0.009 χ^2/NDF : 137453.9/6

+ sign -42.744+/-0.000 χ^2/NDF : 1002683.7/25

All: -38.159+/-0.000 χ^2/NDF : 129765212680

- sign -29.754+/-0.000 χ^2/NDF : 1641612.3/25

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF : 405850.5/16

Left Out: -0.382+/-0.010 χ^2/NDF : 11091.1/8

Right Out: 18.504+/-0.000 χ^2/NDF : 7366781.0/18

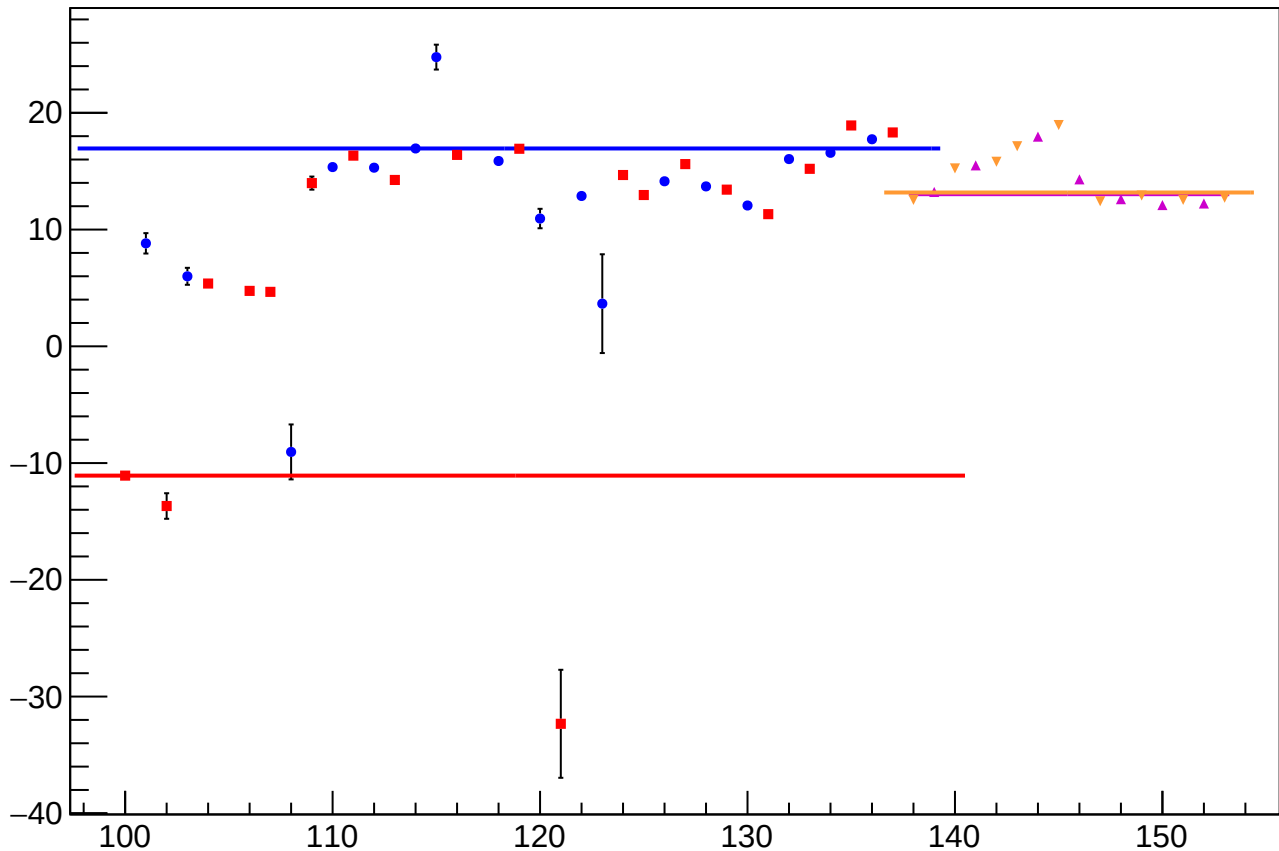
Left In: -0.262+/-0.011 χ^2/NDF : 7016.2/6

+ sign -9.259+/-0.000 χ^2/NDF : 1180944.9/25

All: 6.039+/-0.000 χ^2/NDF : 1645057450595

- sign 18.504+/-0.000 χ^2/NDF : 10061654.8/25

dit_usr_4eY_slope vs Slug



Right In: 16.947 ± 0.000 χ^2/NDF : 11231.8/16

Left Out: 13.176 ± 0.011 χ^2/NDF : 13129.0/8

Right Out: -11.075 ± 0.000 χ^2/NDF : 2712010.0/18

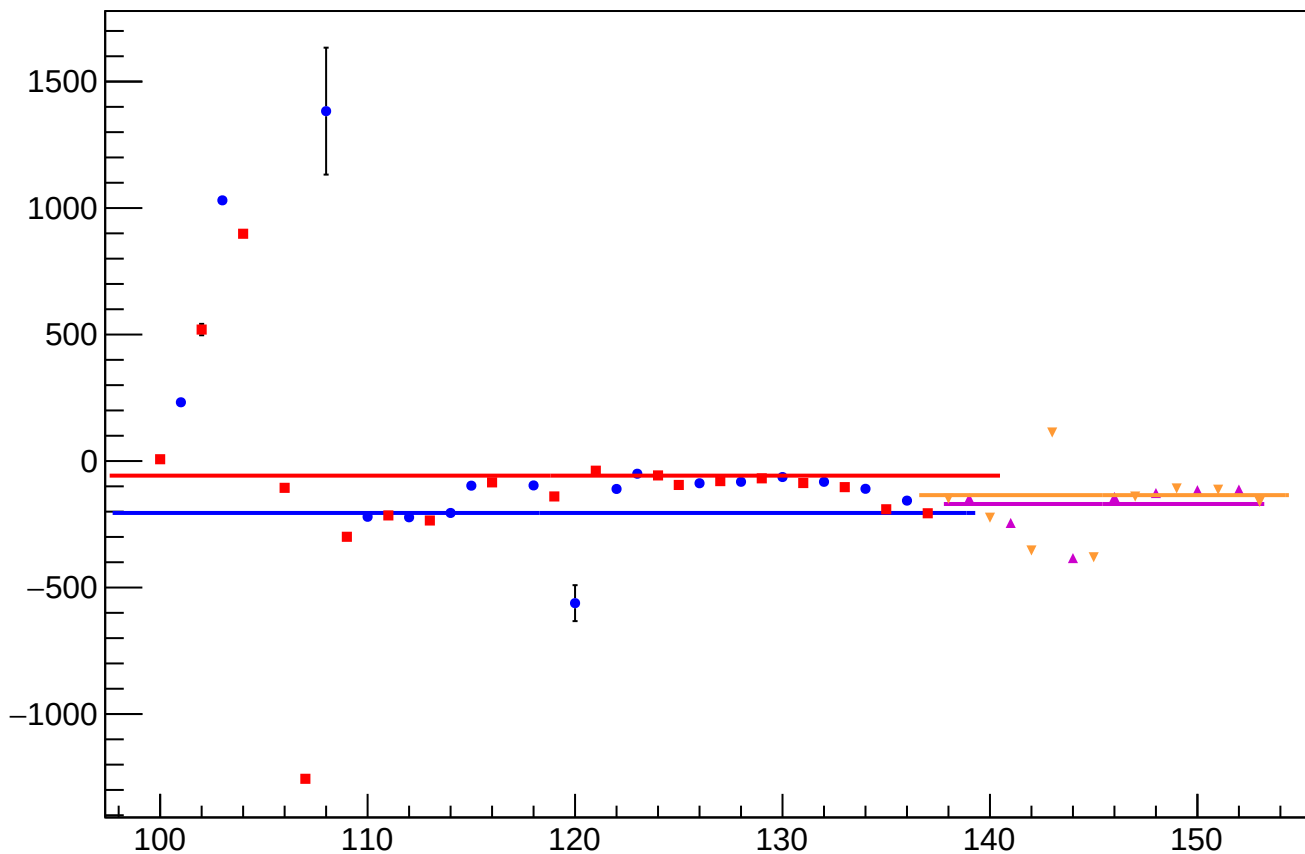
Left In: 13.031 ± 0.014 χ^2/NDF : 9420.4/6

+ sign 16.947 ± 0.000 χ^2/NDF : 136383.1/25

All: -2.268 ± 0.000 χ^2/NDF : 4692527454635

- sign -11.075 ± 0.000 χ^2/NDF : 5693683.5/25

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 χ^2/NDF : 582775.6/16

Left Out: -134.737 ± 0.364 χ^2/NDF : 43052.6/8

Right Out: -57.684 ± 0.283 χ^2/NDF : 114854.9/18

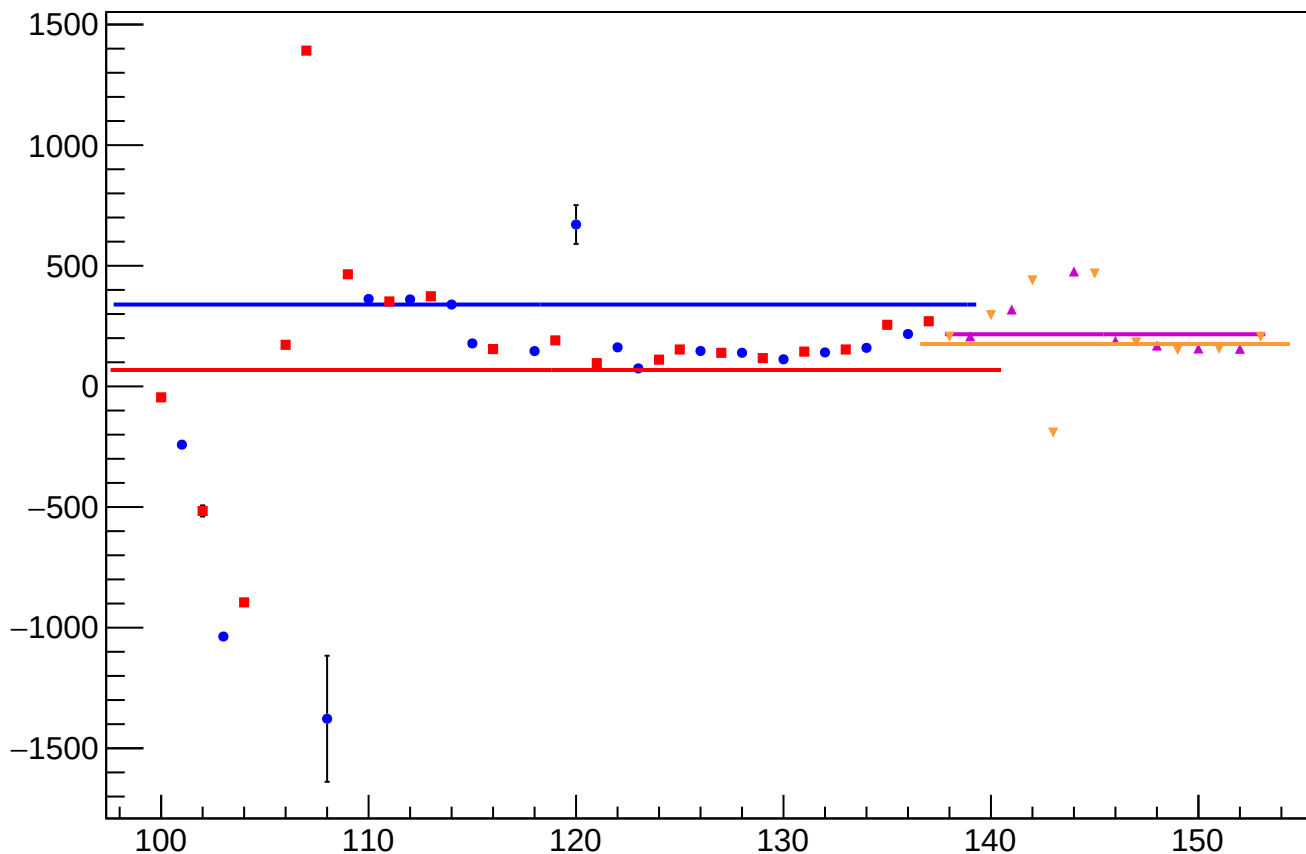
Left In: -169.758 ± 0.445 χ^2/NDF : 37072.0/6

+ sign -205.160 ± 0.000 χ^2/NDF : 663259.2/25

All: -205.160 ± 0.000 χ^2/NDF : 1092405.5/51

- sign -90.011 ± 0.239 χ^2/NDF : 197052.6/25

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 175.525+/-0.369 χ^2/NDF : 78790.1/8

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

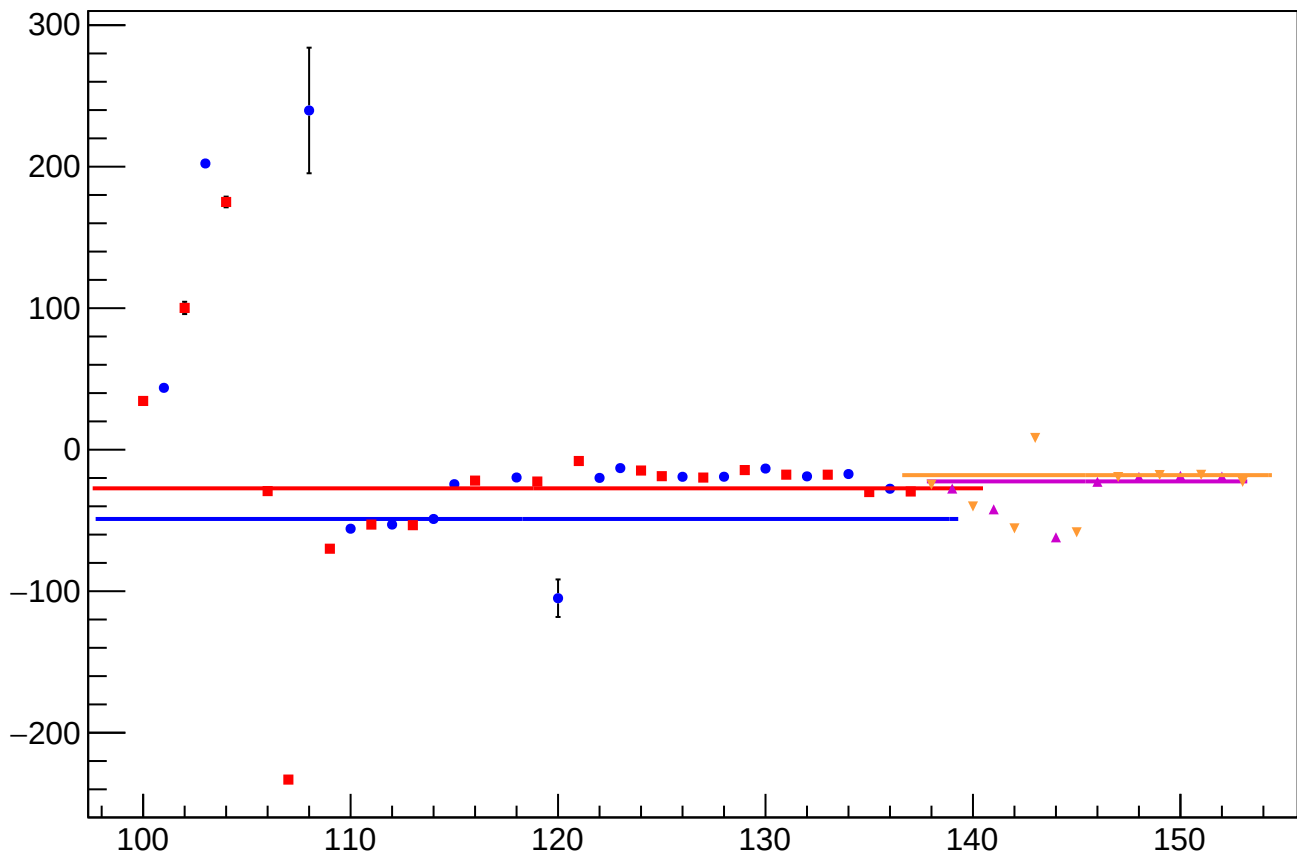
Left In: 216.185+/-0.457 χ^2/NDF : 43510.9/6

+ sign 339.325+/-0.000 χ^2/NDF : 1306663.6/25

All: 339.325+/-0.000 χ^2/NDF : 2594522.5/51

- sign 109.763+/-0.242 χ^2/NDF : 391404.3/25

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 5408370.4/16

Left Out: -17.976 ± 0.016 χ^2/NDF : 542951.9/8

Right Out: -27.303 ± 0.052 χ^2/NDF : 167879.9/18

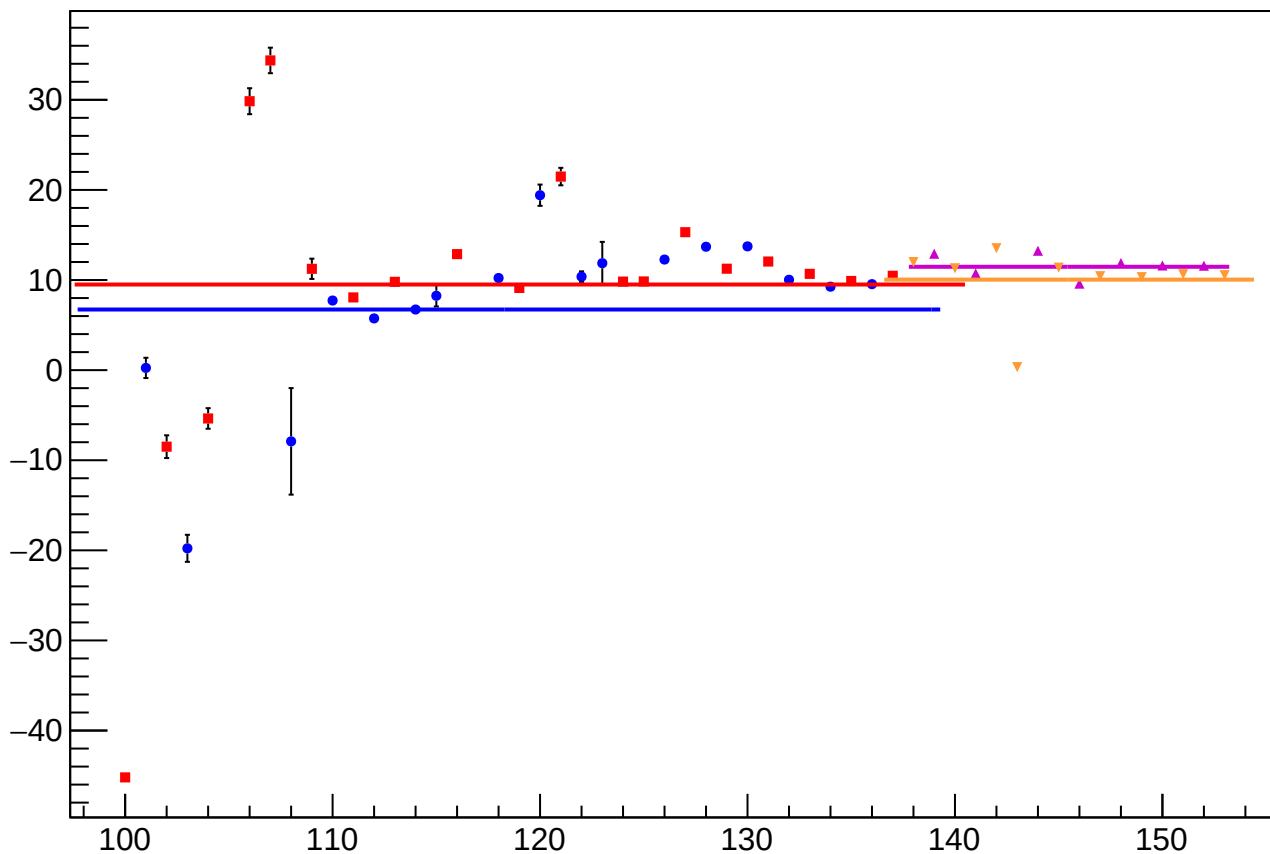
Left In: -22.402 ± 0.026 χ^2/NDF : 118522.8/6

+ sign -48.945 ± 0.000 χ^2/NDF : 9538410.3/25

All: -48.945 ± 0.000 χ^2/NDF : 11074133.1/51

- sign -23.368 ± 0.023 χ^2/NDF : 293619.8/25

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 10.045 $\pm$ 0.023 χ^2 /NDF: 20782.0/8

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

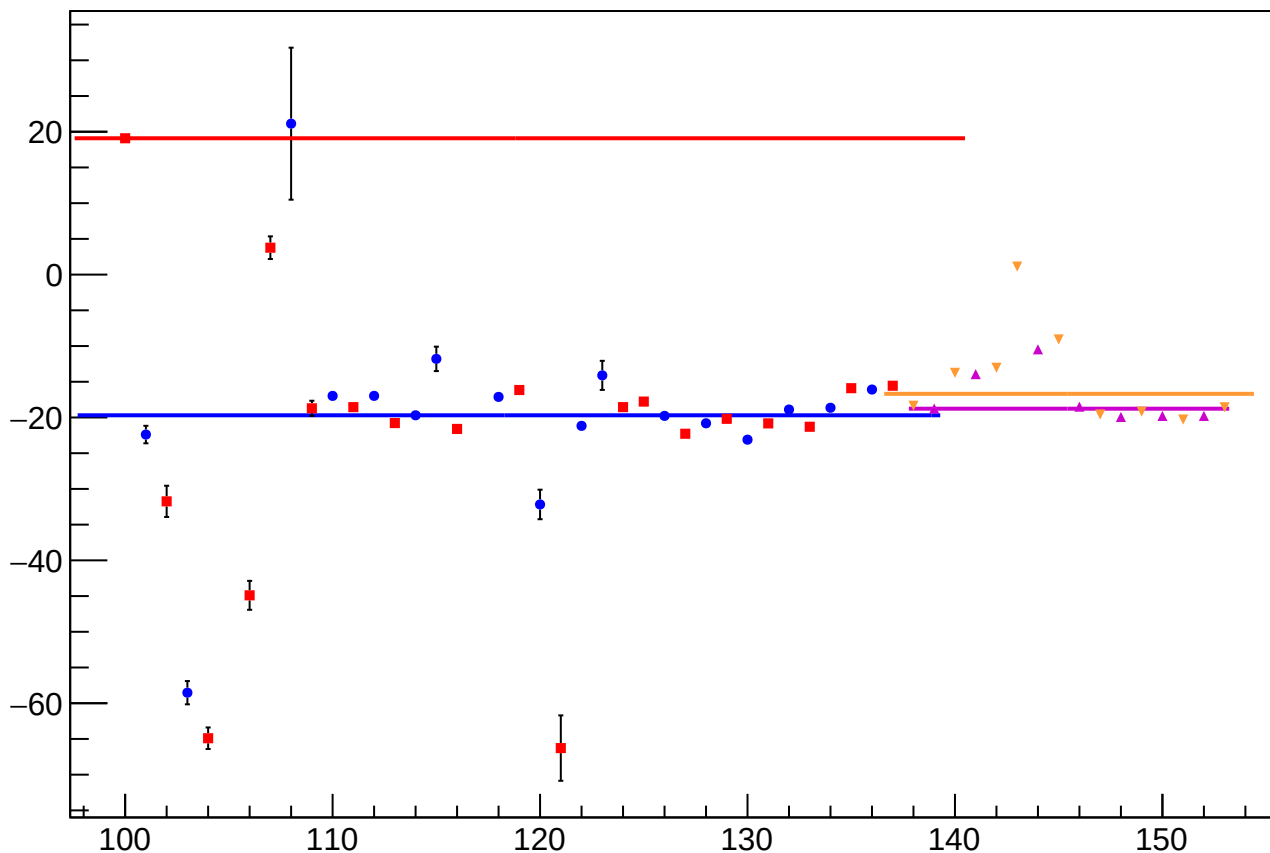
Left In: 11.471 $\pm$ 0.021 χ^2 /NDF: 2191.3/6

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 54821.4/25

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 138981.7/51

- sign 10.948 $\pm$ 0.018 χ^2 /NDF: 31257.7/25

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -16.692 ± 0.029 χ^2/NDF : 35532.7/8

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

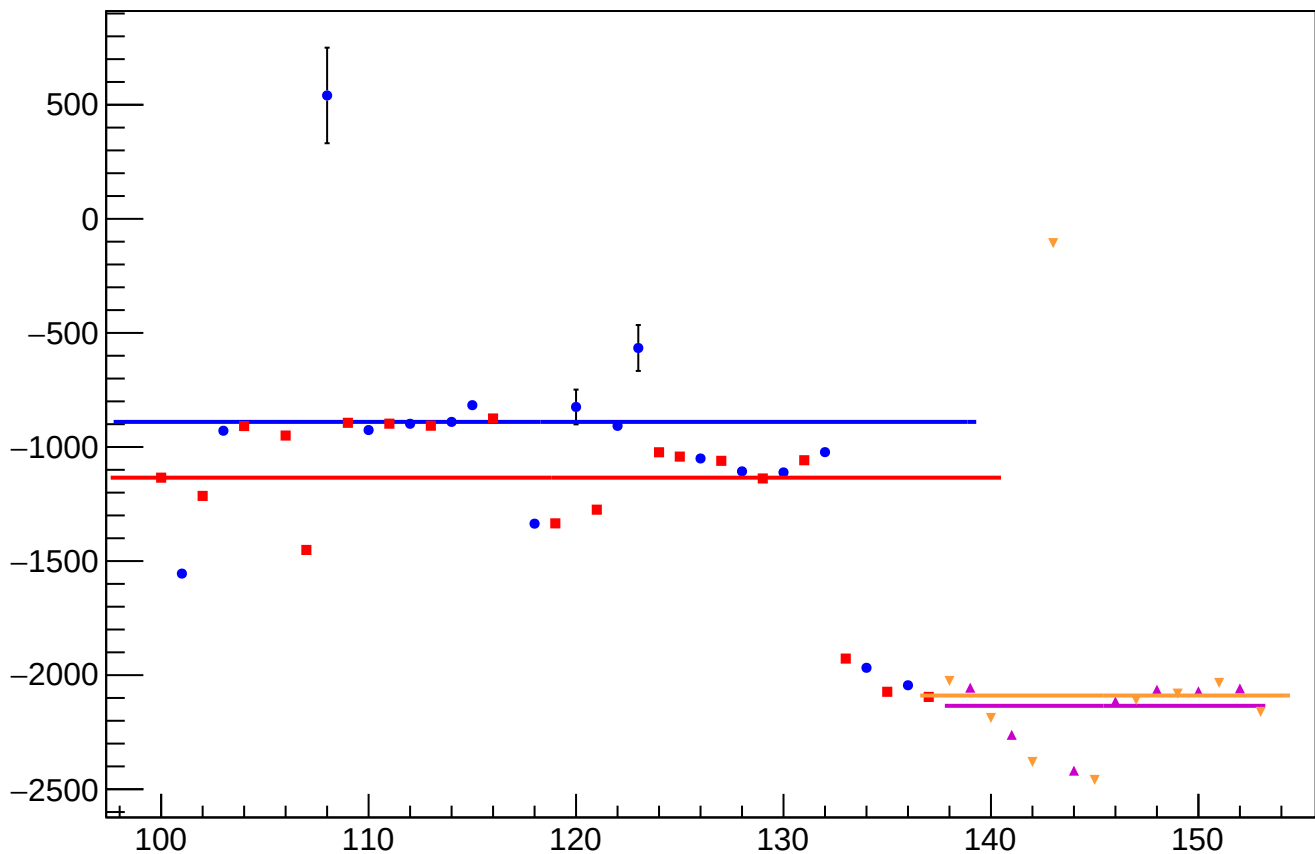
Left In: -18.770 ± 0.028 χ^2/NDF : 5384.4/6

+ sign -19.693 ± 0.000 χ^2/NDF : 54153.9/25

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 2413849.5/25

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2089.308+/-0.585 χ^2/NDF : 262863.9/8

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

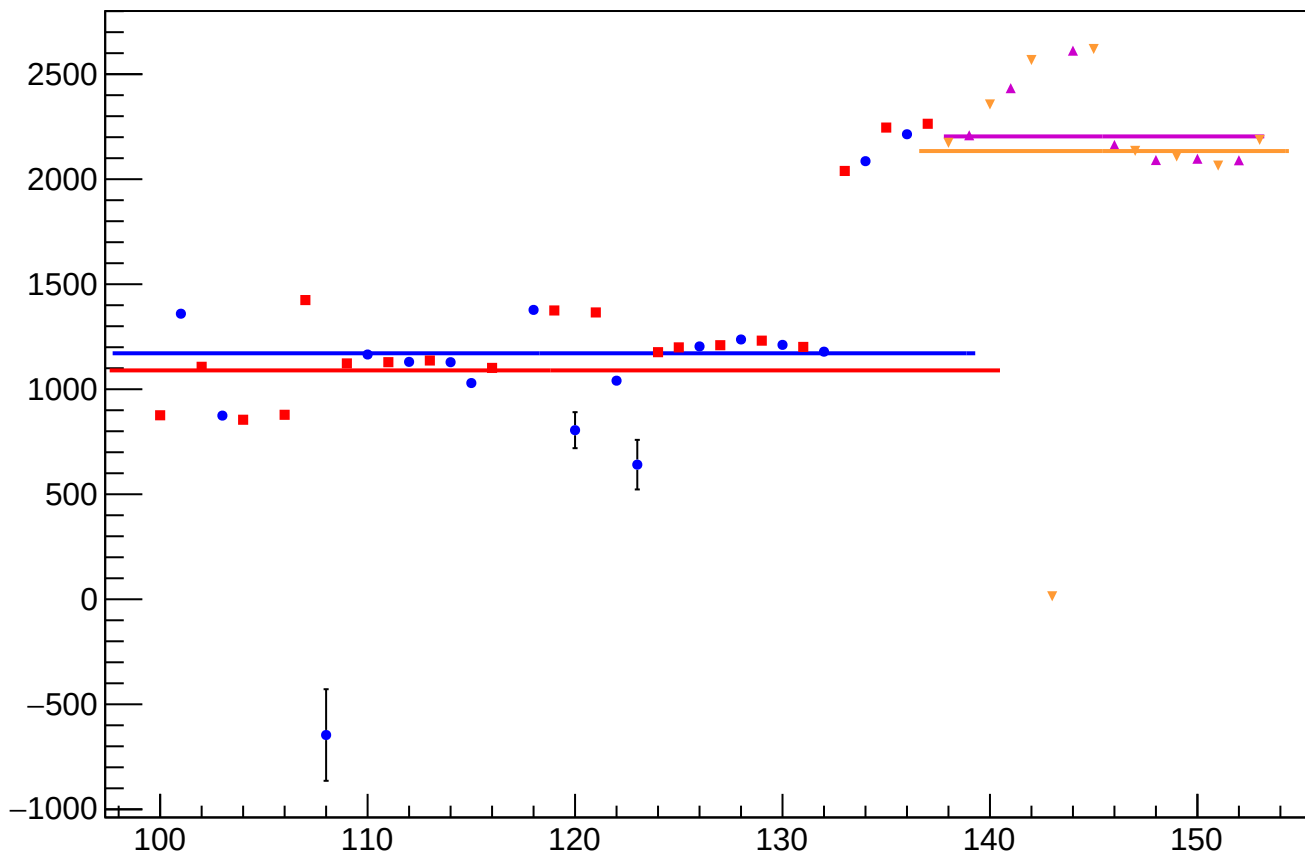
Left In: -2134.462+/-0.702 χ^2/NDF : 30924.0/6

+ sign -889.928+/-0.000 χ^2/NDF : 5246978.6/25

All: -976.220+/-0.000 χ^2/NDF : 44889787387

- sign -1134.421+/-0.000 χ^2/NDF : 2793034.0/25

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF : 508989.2/16

Left Out: 2134.034+/-0.579 χ^2/NDF : 301460.8/8

Right Out: 1089.705+/-0.253 χ^2/NDF : 1100321.6/18

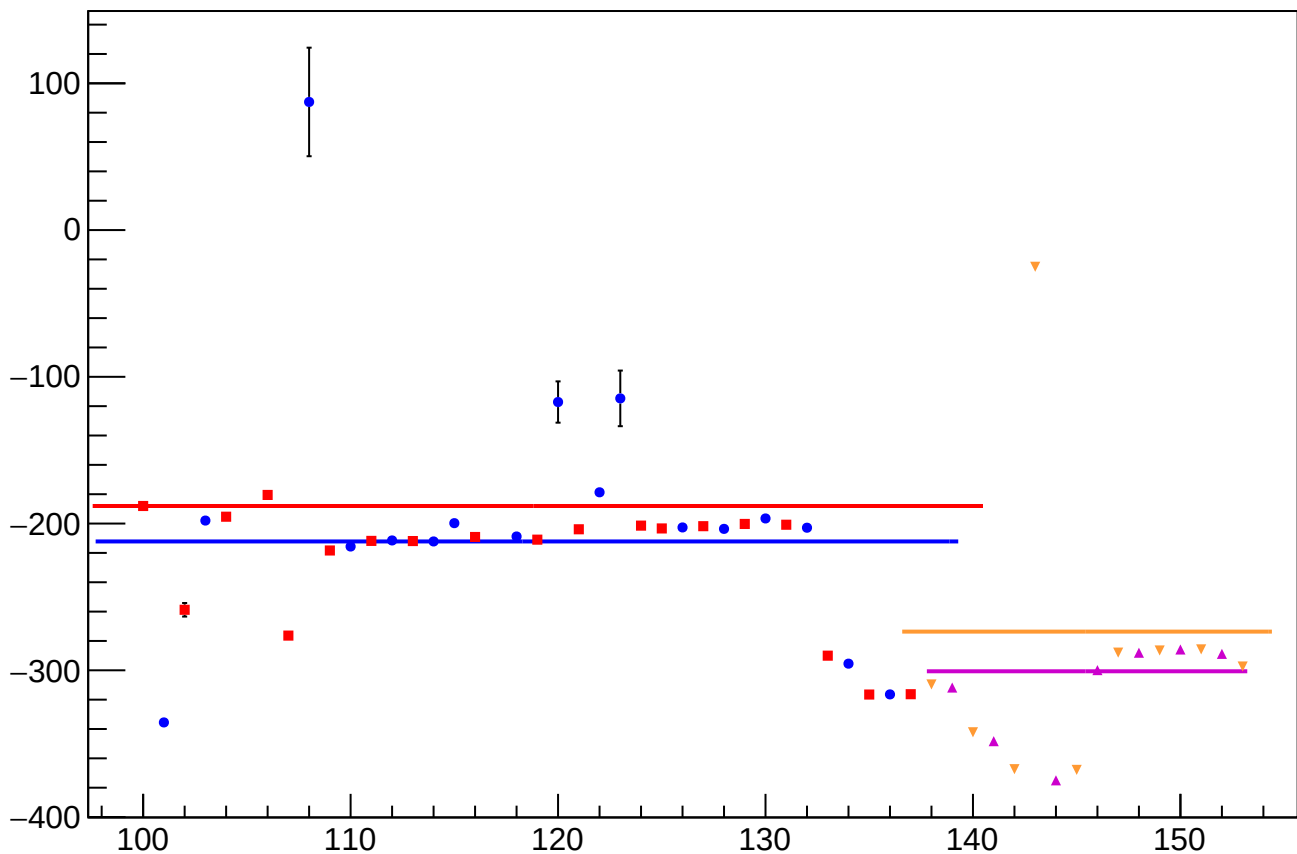
Left In: 2203.720+/-0.724 χ^2/NDF : 54488.1/6

+ sign 1317.967+/-0.226 χ^2/NDF : 3157745.0/25

All: 1267.678+/-0.164 χ^2/NDF : 6526228.7/51

- sign 1211.283+/-0.239 χ^2/NDF : 3263346.7/25

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -273.634 ± 0.032 $\chi^2/\text{NDF}: 5621876.1/8$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

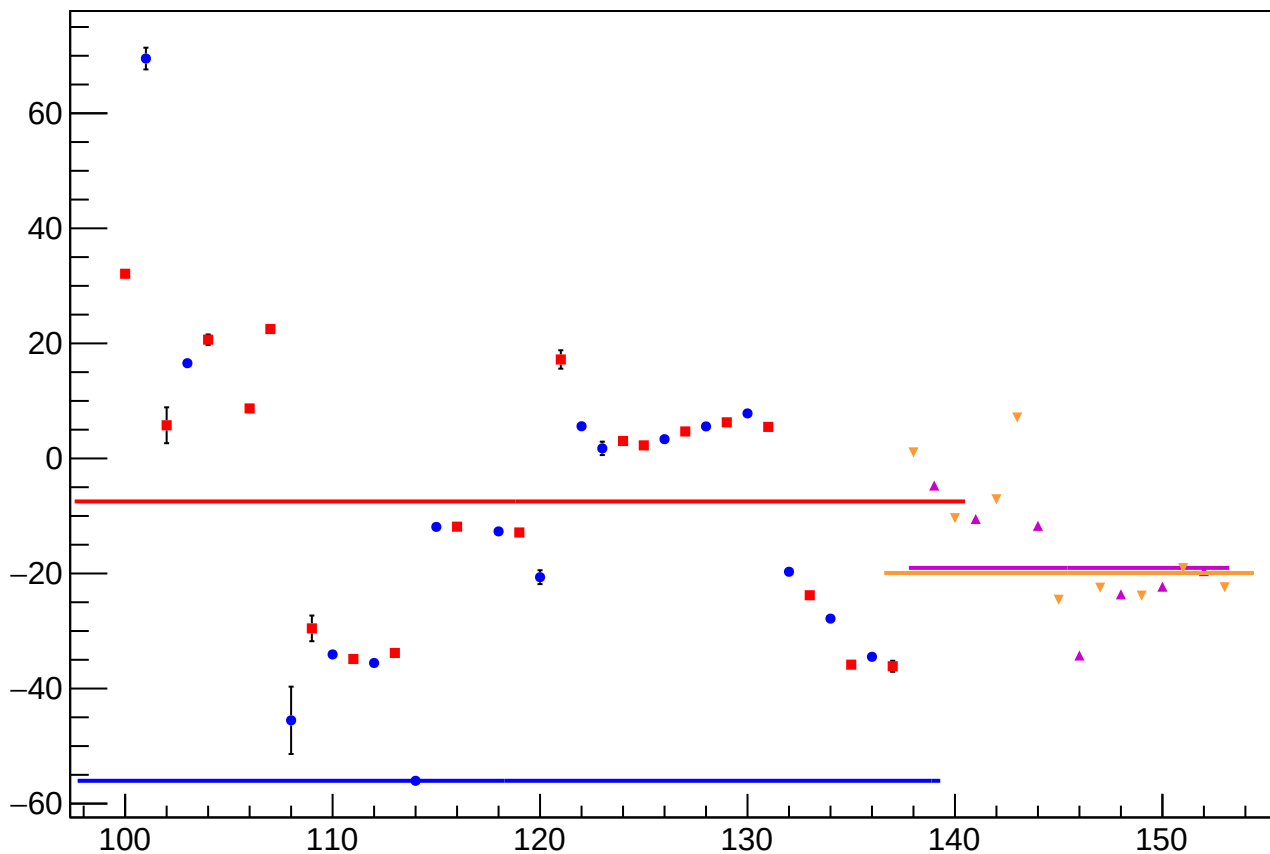
Left In: -300.668 ± 0.049 $\chi^2/\text{NDF}: 269680.3/6$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 10368977.5/25$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 6162835.5/25$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -19.915 ± 0.035 χ^2/NDF : 43884.5/8

Right Out: -7.476 ± 0.042 χ^2/NDF : 173893.8/18

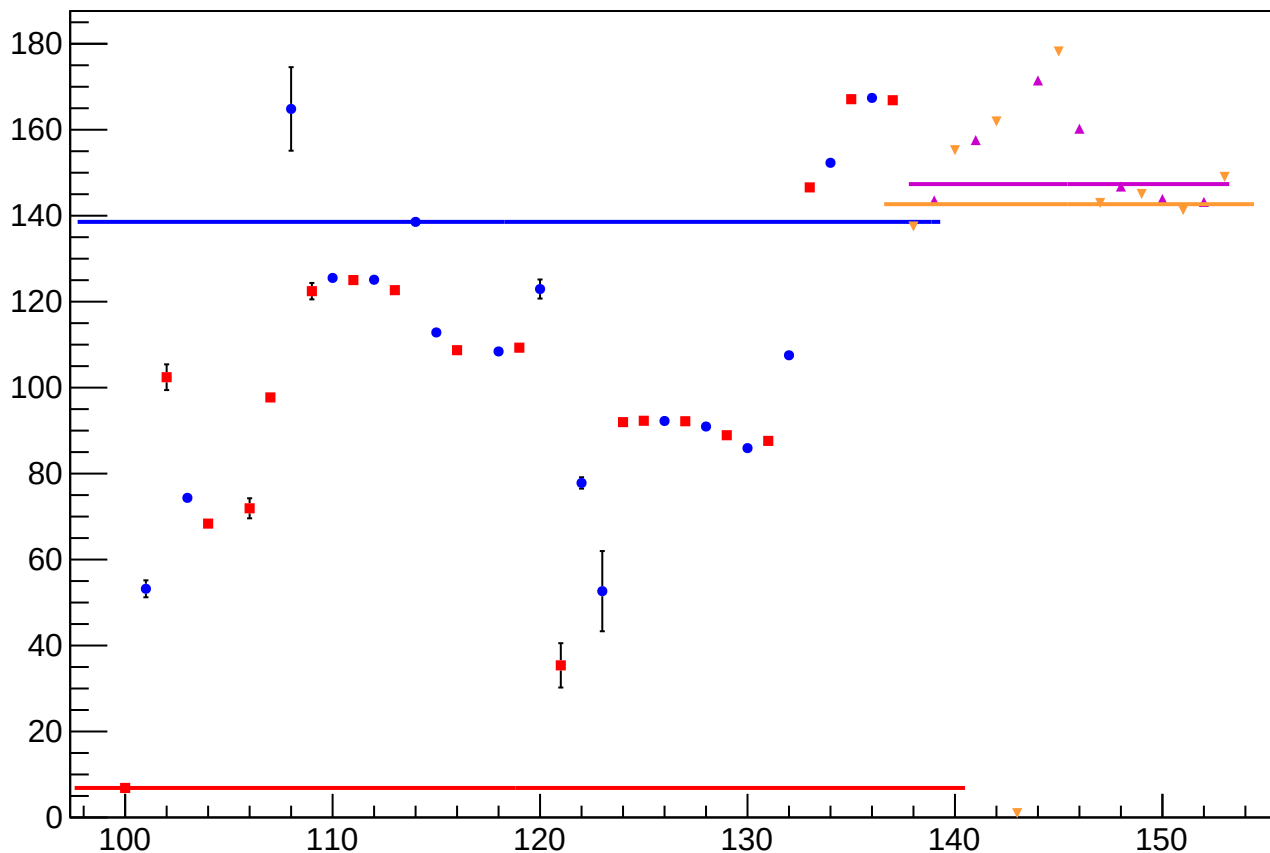
Left In: -19.025 ± 0.039 χ^2/NDF : 24919.8/6

+ sign -56.037 ± 0.000 χ^2/NDF : 2716997.5/25

All: -56.037 ± 0.000 χ^2/NDF : 5141801.0/51

- sign -13.701 ± 0.029 χ^2/NDF : 239226.4/25

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF : 901159.7/16

Left Out: 142.678+/-0.040 χ^2/NDF : 307962.5/8

Right Out: 6.866+/-0.000 χ^2/NDF : 8047391.7/18

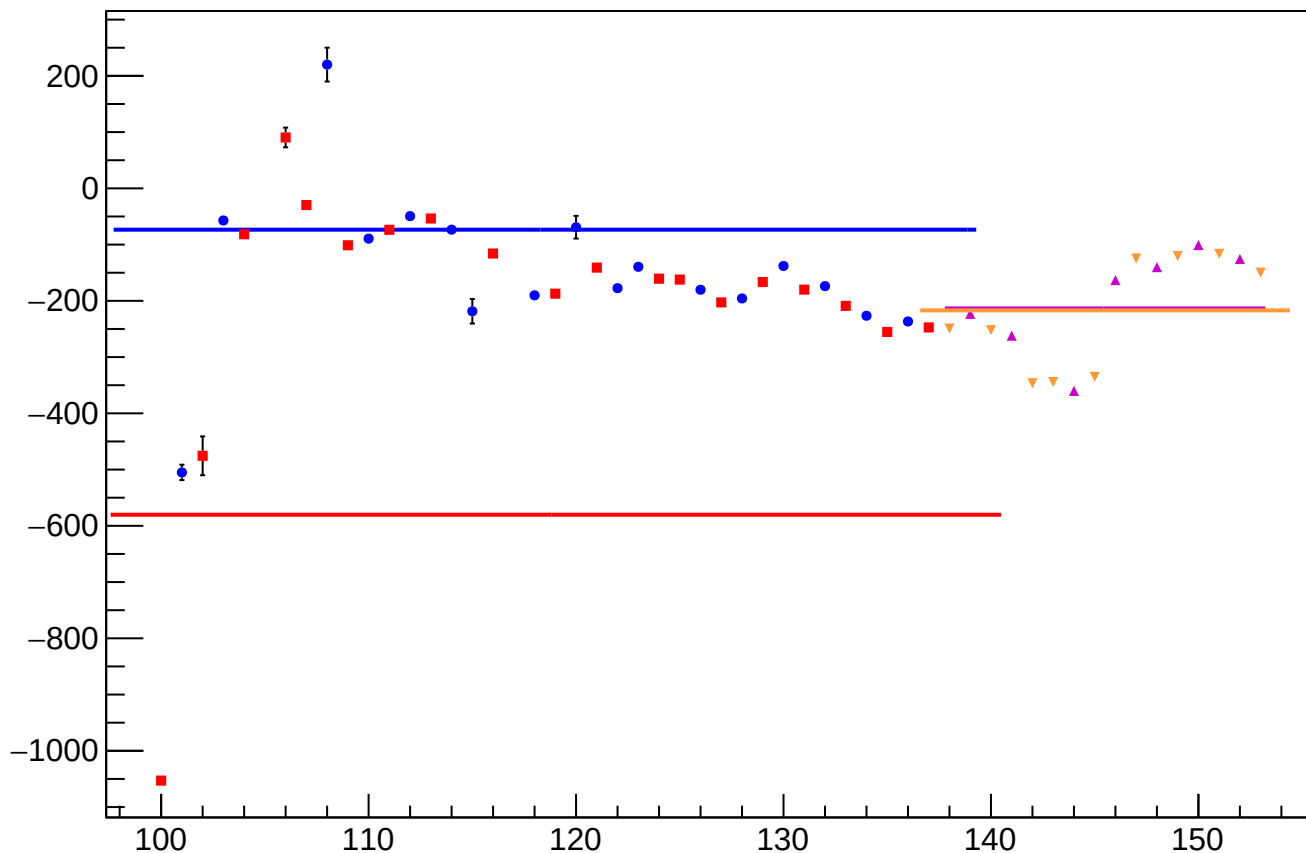
Left In: 147.355+/-0.047 χ^2/NDF : 17987.1/6

+ sign 138.565+/-0.000 χ^2/NDF : 1219497.5/25

All: 7.101+/-0.000 χ^2/NDF : 23576822681928

- sign 6.866+/-0.000 χ^2/NDF : 16947966.1/25

dit_atr1_4aX_slope vs Slug



Right In: -73.485 $\pm$ 0.000 χ^2 /NDF: 98703.2/16

Left Out: -216.926 $\pm$ 0.376 χ^2 /NDF: 49898.4/8

Right Out: -580.262 $\pm$ 0.261 χ^2 /NDF: 3031609.5/18

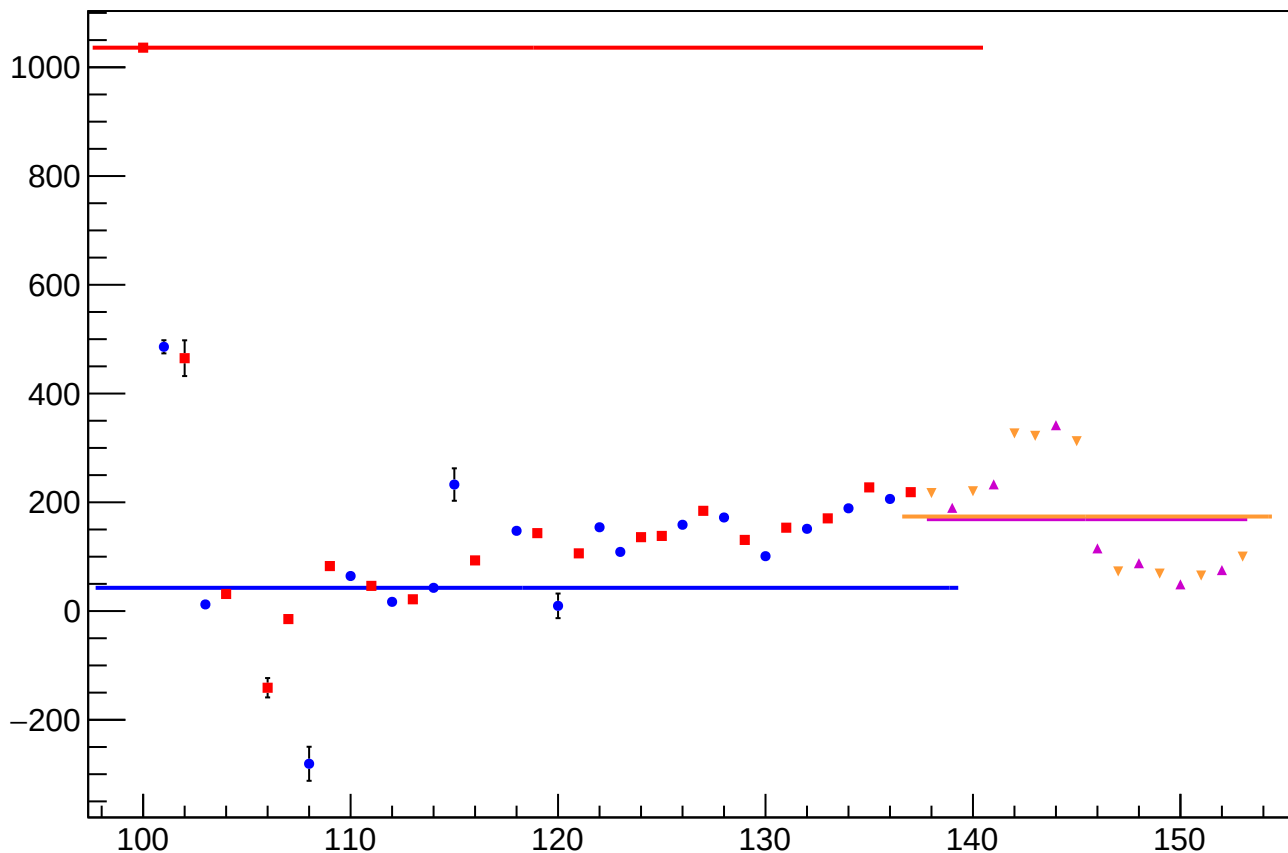
Left In: -213.430 $\pm$ 0.413 χ^2 /NDF: 45174.9/6

+ sign -73.485 $\pm$ 0.000 χ^2 /NDF: 294114.3/25

All: -73.485 $\pm$ 0.000 χ^2 /NDF: 7257307.1/51

- sign -475.730 $\pm$ 0.221 χ^2 /NDF: 3639945.3/25

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 173.841+/-0.384 χ^2/NDF : 62084.5/8

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

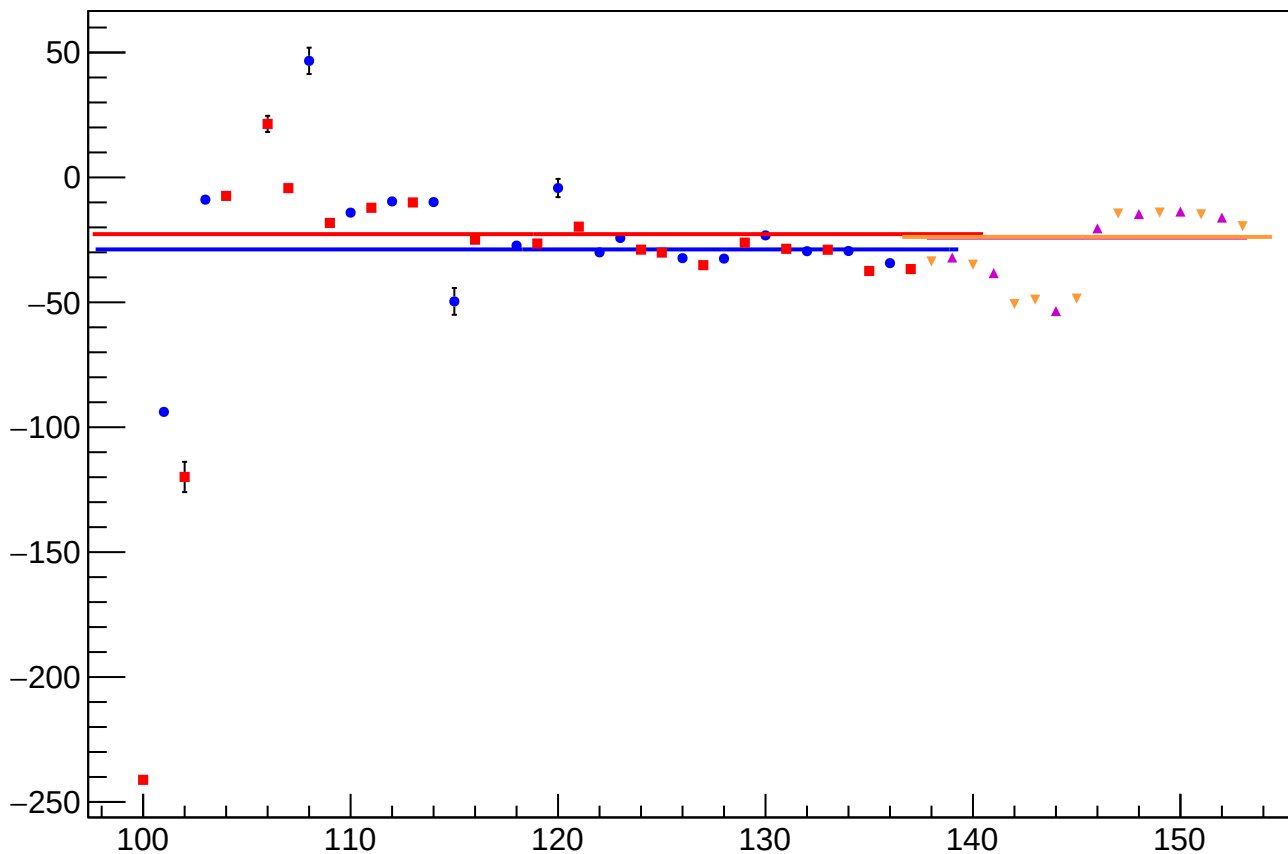
Left In: 168.981+/-0.426 χ^2/NDF : 53340.4/6

+ sign 42.743+/-0.000 χ^2/NDF : 263263.8/25

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 9135703.4/25

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -23.813 ± 0.020 χ^2/NDF : 296309.6/8

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

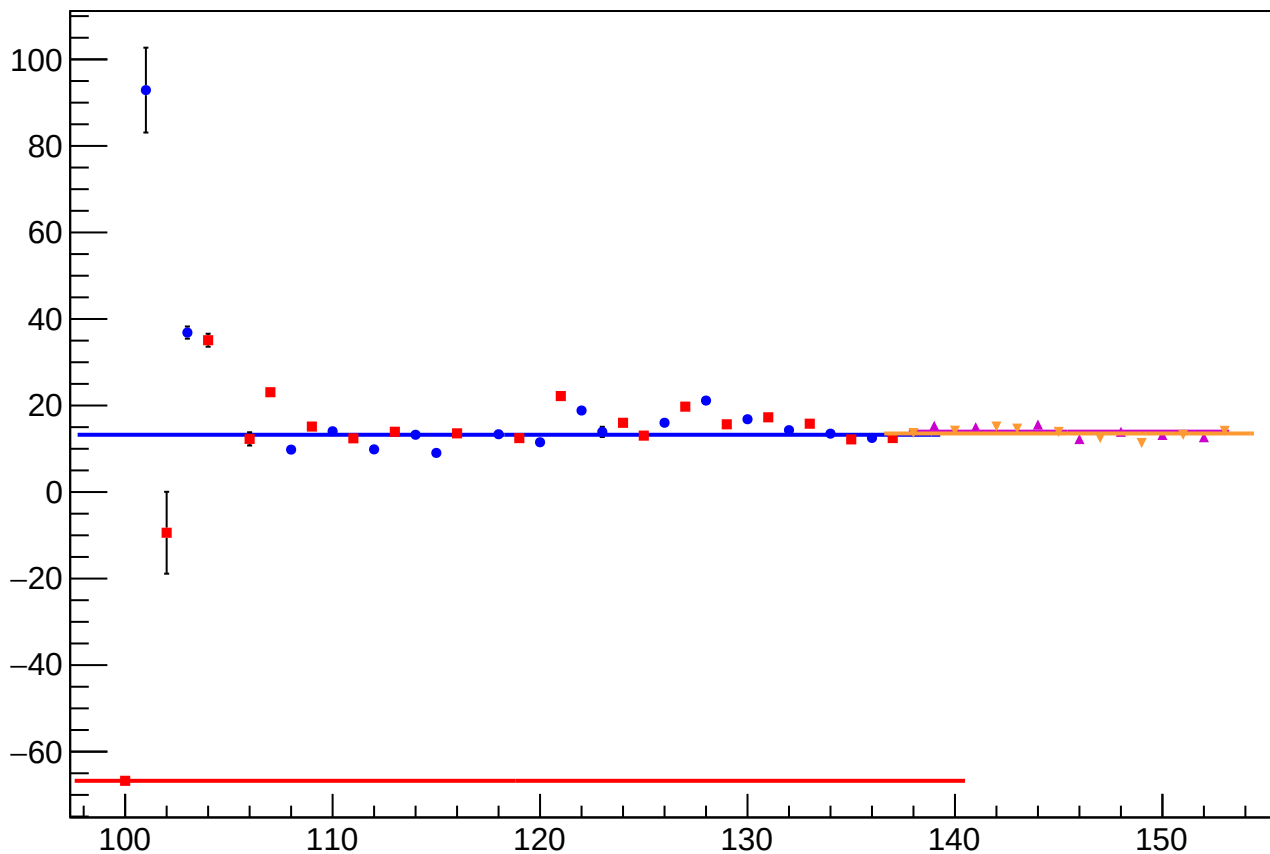
Left In: -24.099 ± 0.028 χ^2/NDF : 157331.0/6

+ sign -25.063 ± 0.017 χ^2/NDF : 361416.8/25

All: -24.526 ± 0.014 χ^2/NDF : 932388.9/51

- sign -23.602 ± 0.023 χ^2/NDF : 568365.3/25

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.536+/-0.021 χ^2/NDF : 2530.8/8

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

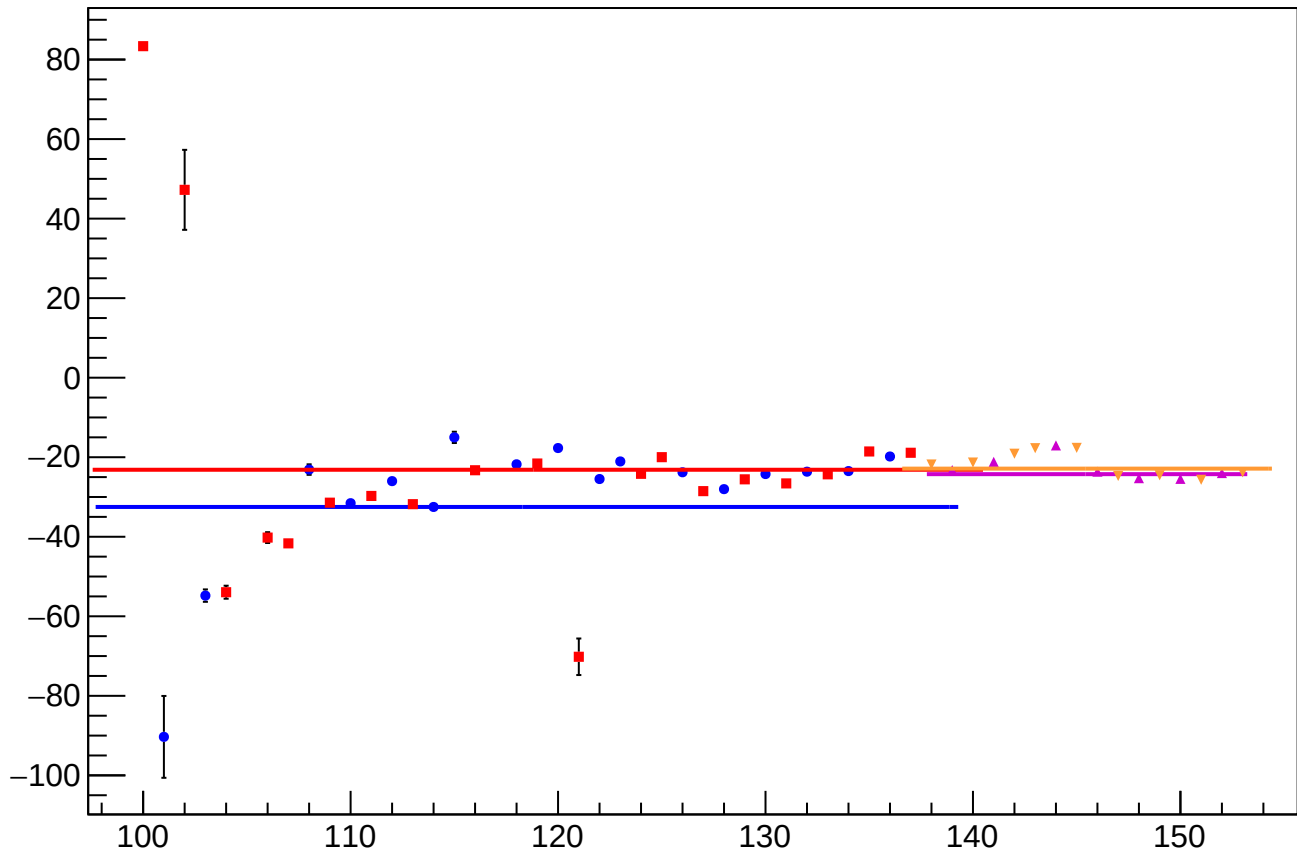
Left In: 13.957+/-0.024 χ^2/NDF : 2639.9/6

+ sign 13.238+/-0.000 χ^2/NDF : 8483.1/25

All: 12.562+/-0.000 χ^2/NDF : 1884310027651

- sign -66.739+/-0.000 χ^2/NDF : 14748537.3/25

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -22.867 ± 0.026 χ^2/NDF : 11016.7/8

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

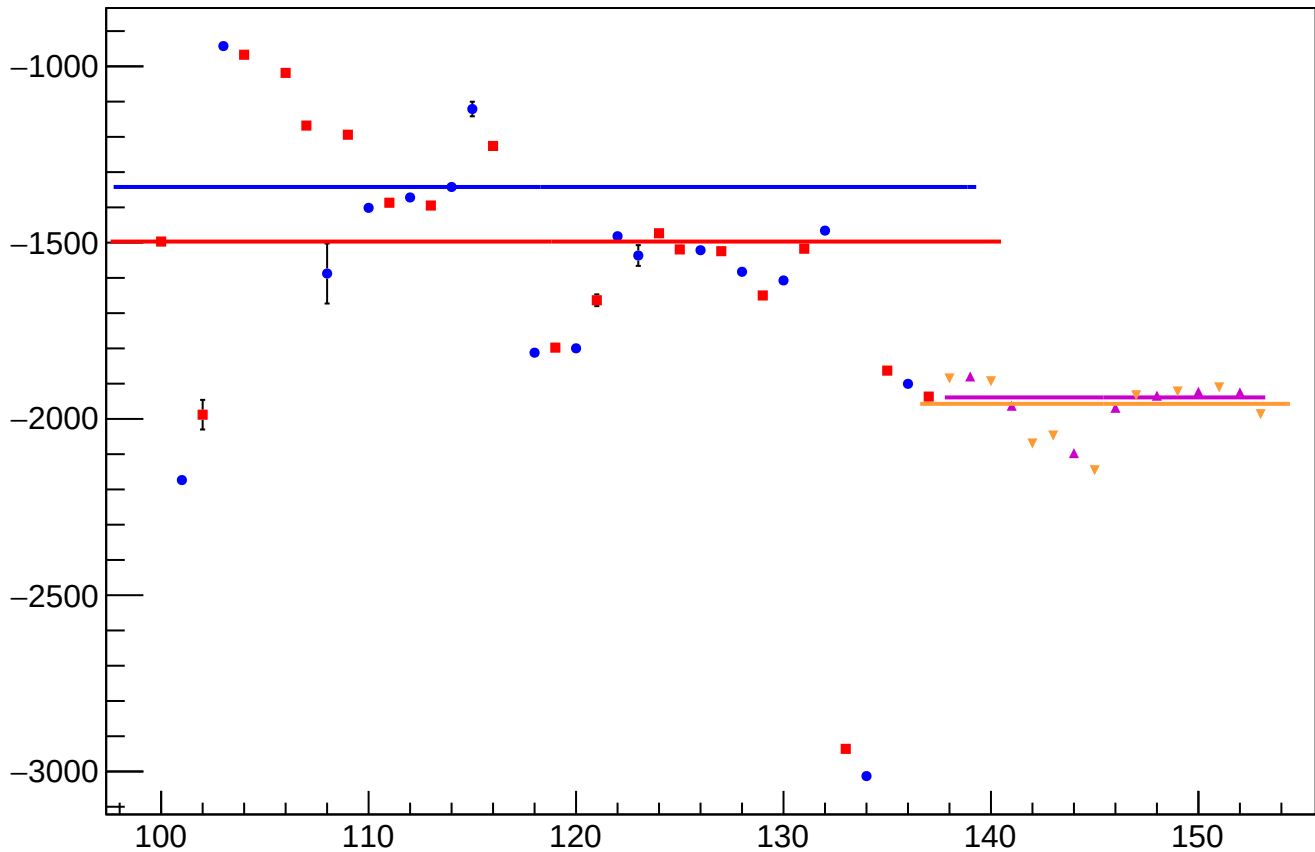
Left In: -24.258 ± 0.027 χ^2/NDF : 5262.5/6

+ sign -32.504 ± 0.000 χ^2/NDF : 223933.8/25

All: -32.504 ± 0.000 χ^2/NDF : 451448.2/51

- sign -23.988 ± 0.024 χ^2/NDF : 96420.4/25

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 370901.4/16

Left Out: -1957.258 ± 0.566 χ^2/NDF : 14064.1/8

Right Out: -1496.932 ± 0.000 χ^2/NDF : 504712.5/18

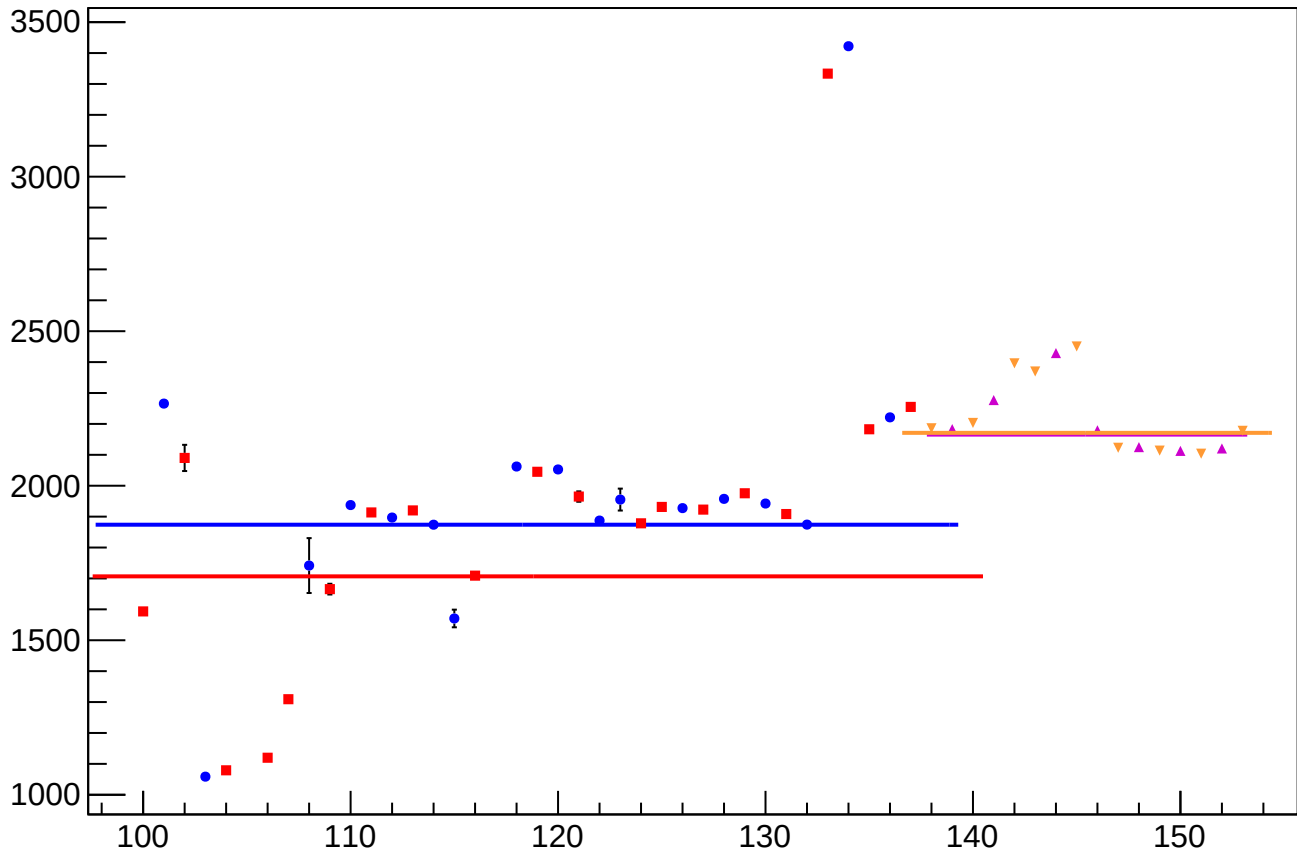
Left In: -1939.017 ± 0.439 χ^2/NDF : 13656.7/6

+ sign -1342.107 ± 0.000 χ^2/NDF : 1568115.3/25

All: -1396.751 ± 0.000 χ^2/NDF : 1800086126

- sign -1496.932 ± 0.000 χ^2/NDF : 1533577.2/25

dit_atr2_4eX_slope vs Slug



Right In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 201563.9/16$

Left Out: 2171.097 ± 0.571 $\chi^2/\text{NDF}: 27008.3/8$

Right Out: 1706.739 ± 0.302 $\chi^2/\text{NDF}: 837936.9/18$

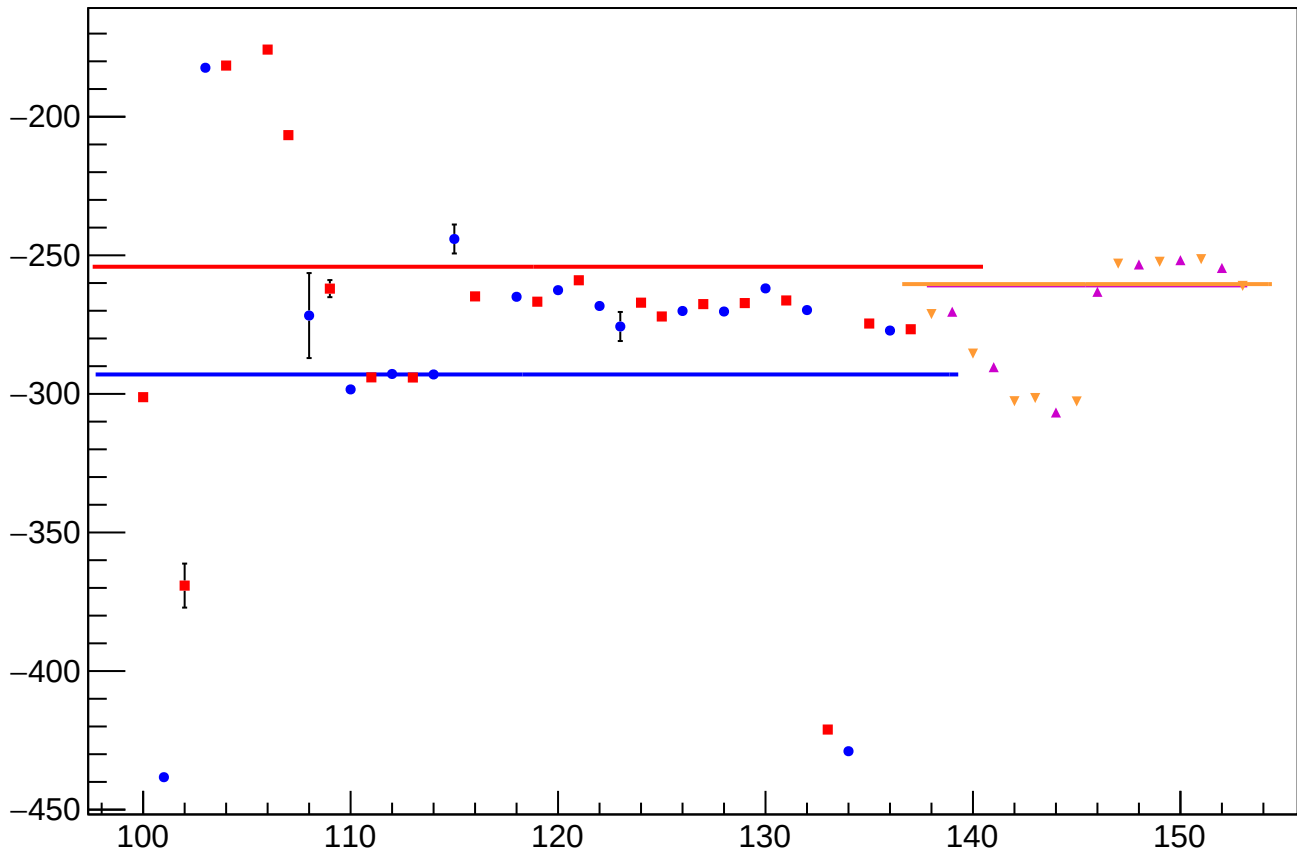
Left In: 2165.368 ± 0.443 $\chi^2/\text{NDF}: 35269.3/6$

+ sign 1873.852 ± 0.000 $\chi^2/\text{NDF}: 499405.9/25$

All: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 2111612.9/51$

- sign 1852.642 ± 0.250 $\chi^2/\text{NDF}: 1604992.2/25$

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 χ^2/NDF : 1015592.4/16

Left Out: -260.384 ± 0.032 χ^2/NDF : 189420.6/8

Right Out: -254.119 ± 0.059 χ^2/NDF : 502658.5/18

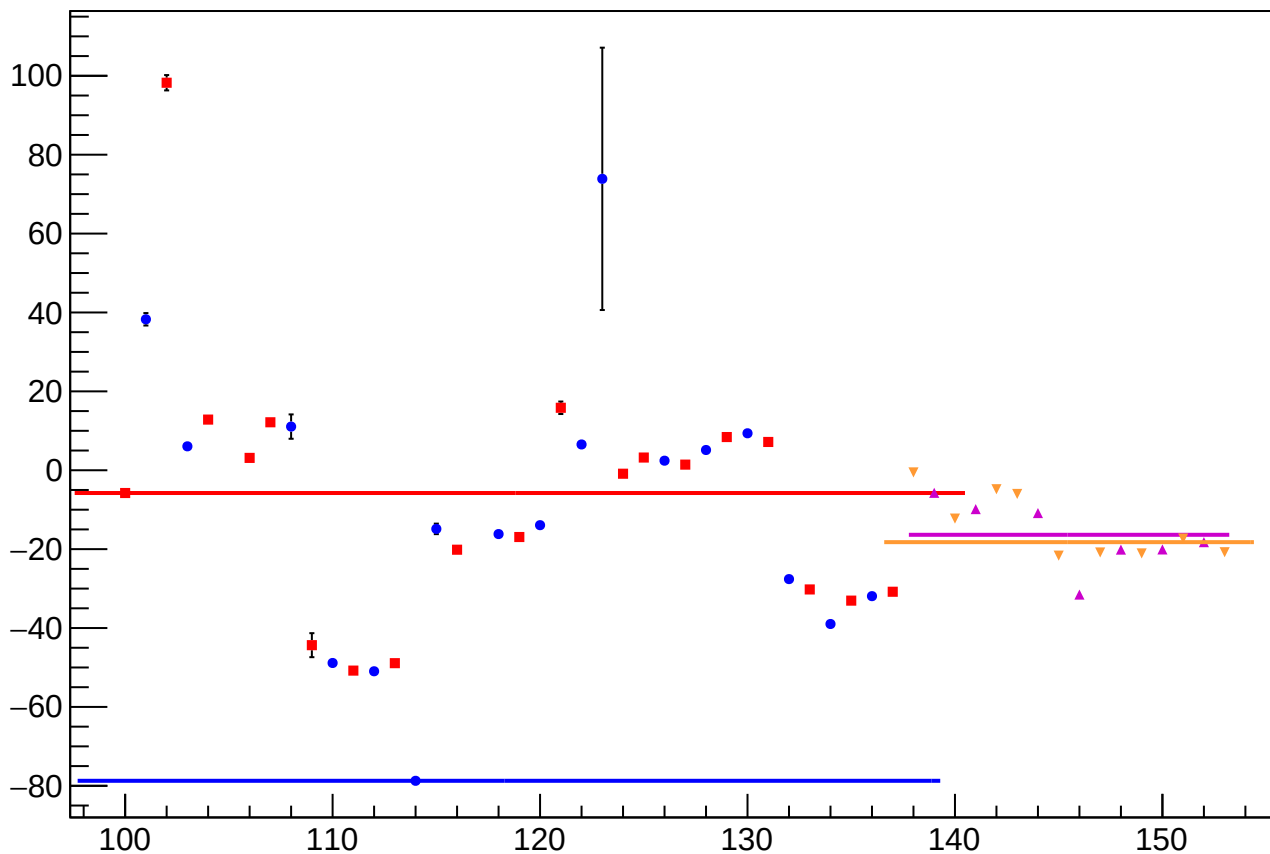
Left In: -260.854 ± 0.031 χ^2/NDF : 229383.3/6

+ sign -292.986 ± 0.000 χ^2/NDF : 2273891.8/25

All: -292.986 ± 0.000 χ^2/NDF : 4490008.7/51

- sign -259.370 ± 0.028 χ^2/NDF : 742202.8/25

dit_atr2_4aY_slope vs Slug



Right In: -78.728 $\pm$ 0.000 χ^2 /NDF: 1399088.3/16

Left Out: -18.226 $\pm$ 0.034 χ^2 /NDF:19338.3/8

Right Out: -5.769 $\pm$ 0.000 χ^2 /NDF: 111570.1/18

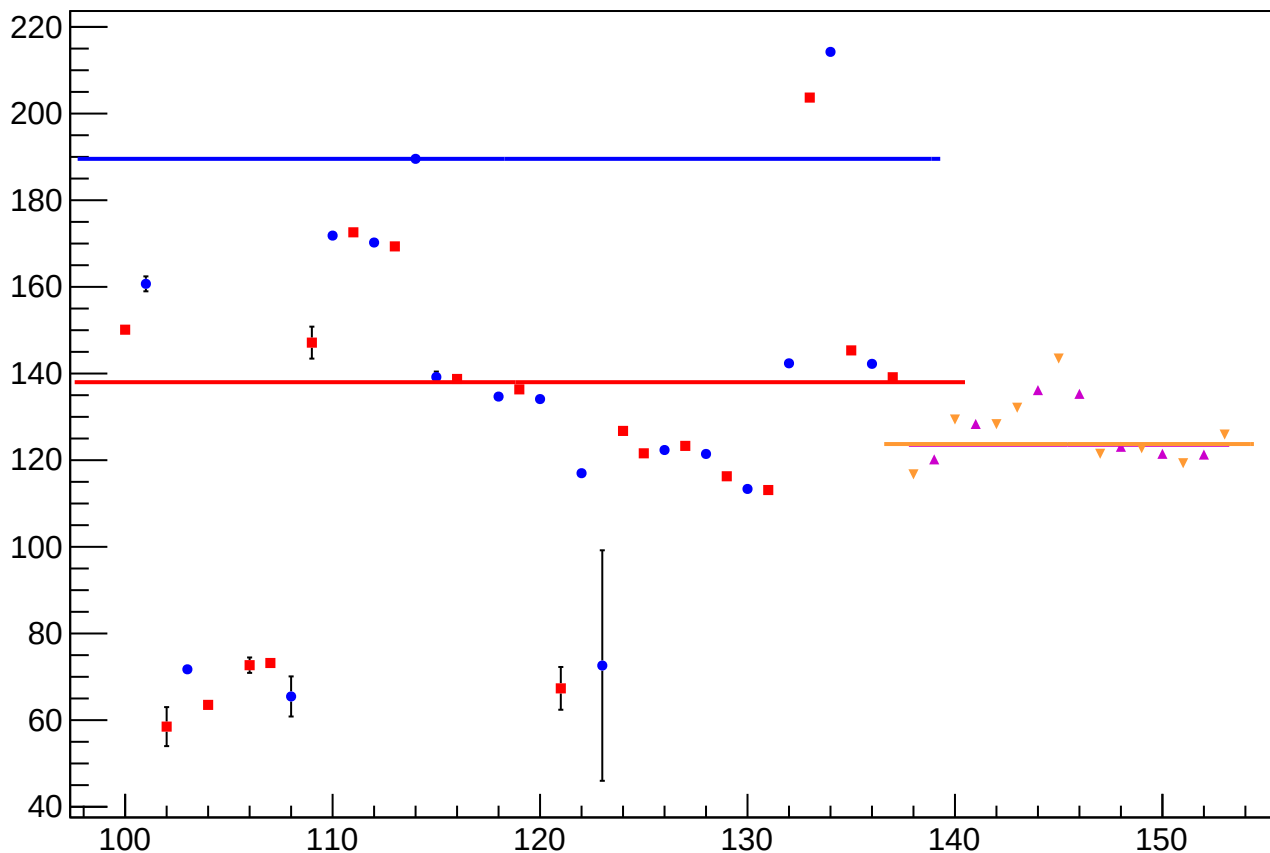
Left In: -16.364 $\pm$ 0.035 χ^2 /NDF:25829.2/6

+ sign -78.728 $\pm$ 0.000 χ^2 /NDF: 4519263.2/25

All: -6.288 $\pm$ 0.000 χ^2 /NDF: 2878797679293

- sign -5.769 $\pm$ 0.000 χ^2 /NDF: 231018.1/25

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF : 927391.8/16

Left Out: 123.726+/-0.038 χ^2/NDF :10196.3/8

Right Out: 138.002+/-0.059 χ^2/NDF : 117357.8/18

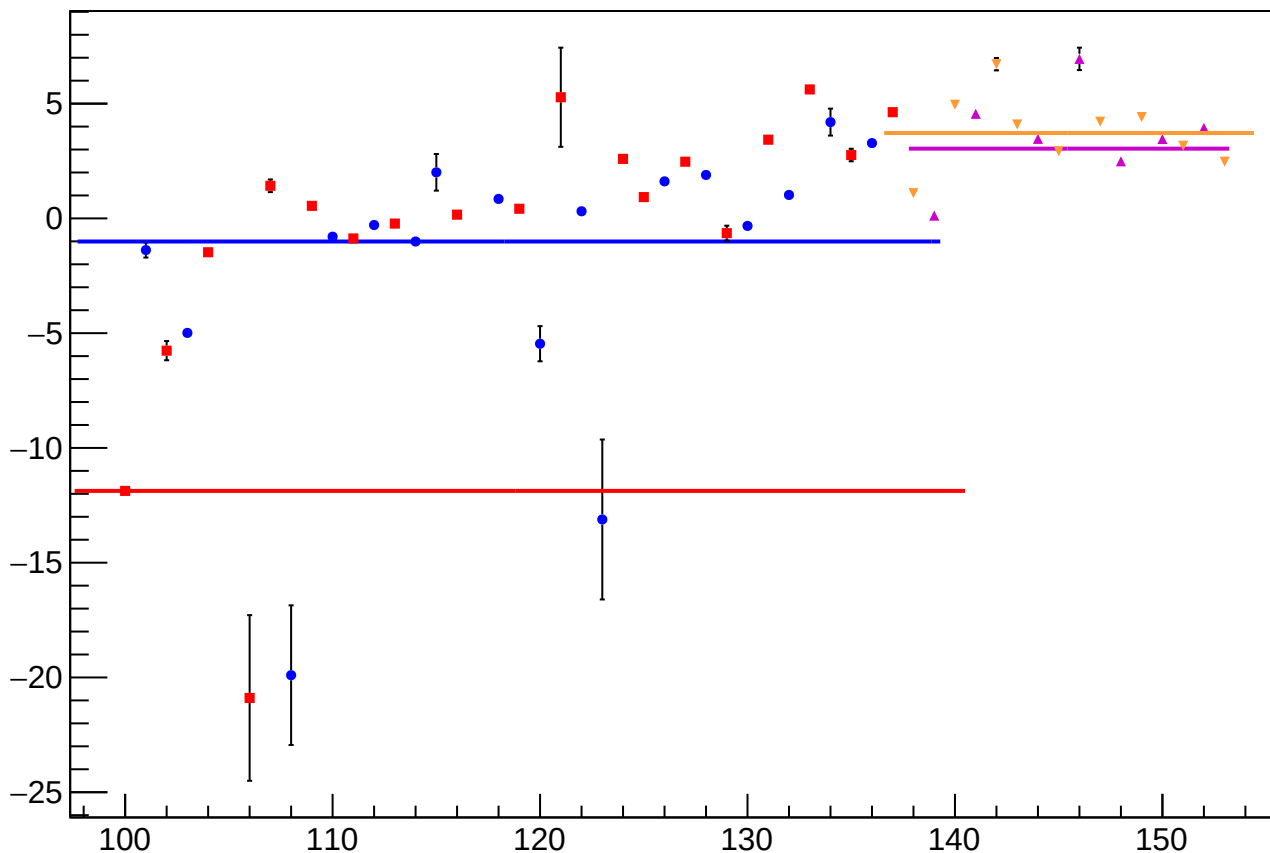
Left In: 123.547+/-0.040 χ^2/NDF :9141.5/6

+ sign 189.551+/-0.000 χ^2/NDF : 3957904.5/25

All: 189.551+/-0.000 χ^2/NDF : 7520519.9/51

- sign 128.148+/-0.033 χ^2/NDF : 167327.1/25

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 3.720 ± 0.036 χ^2/NDF : 764.5/8

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

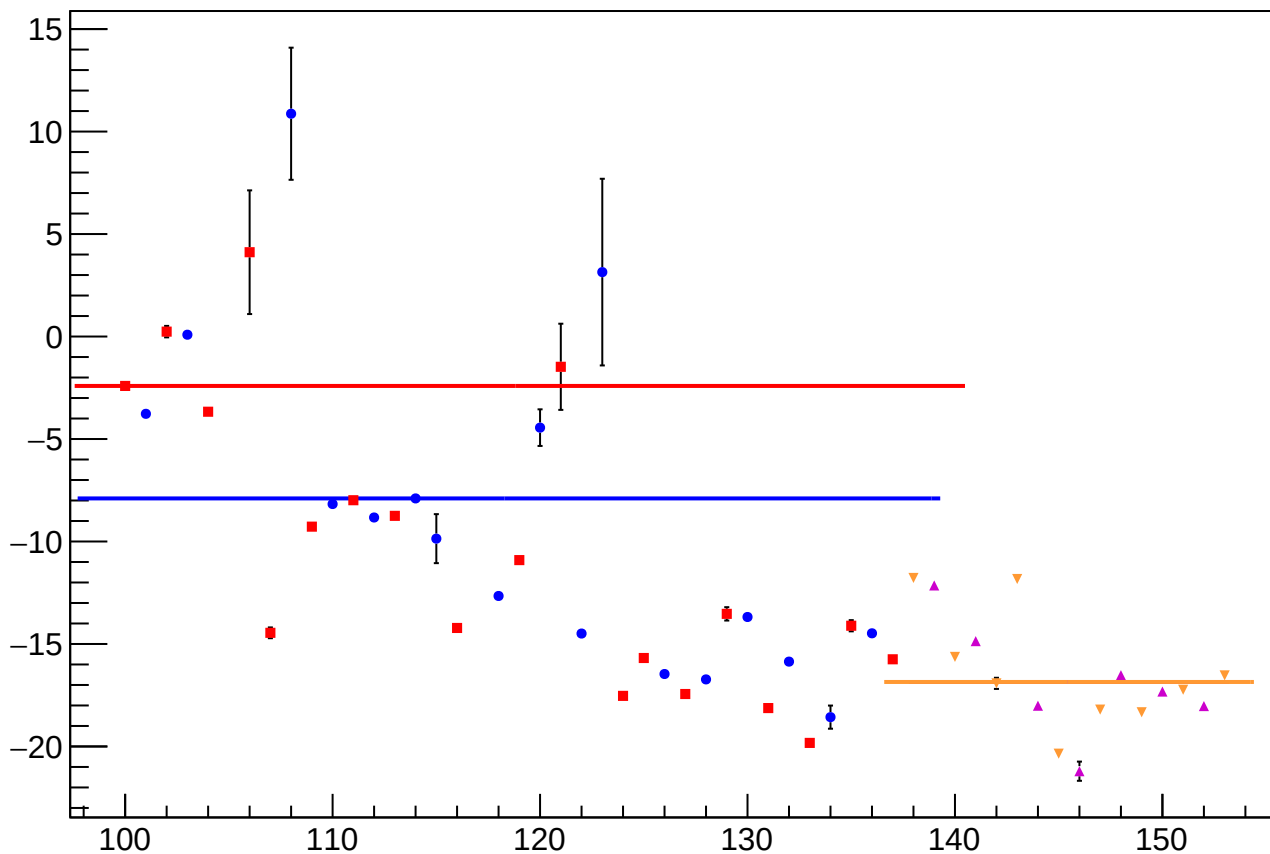
Left In: 3.039 ± 0.027 χ^2/NDF : 2644.5/6

+ sign -1.007 ± 0.000 χ^2/NDF : 25007.7/25

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 821767.6/25

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.853 ± 0.035 χ^2/NDF : 3843.8/8

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

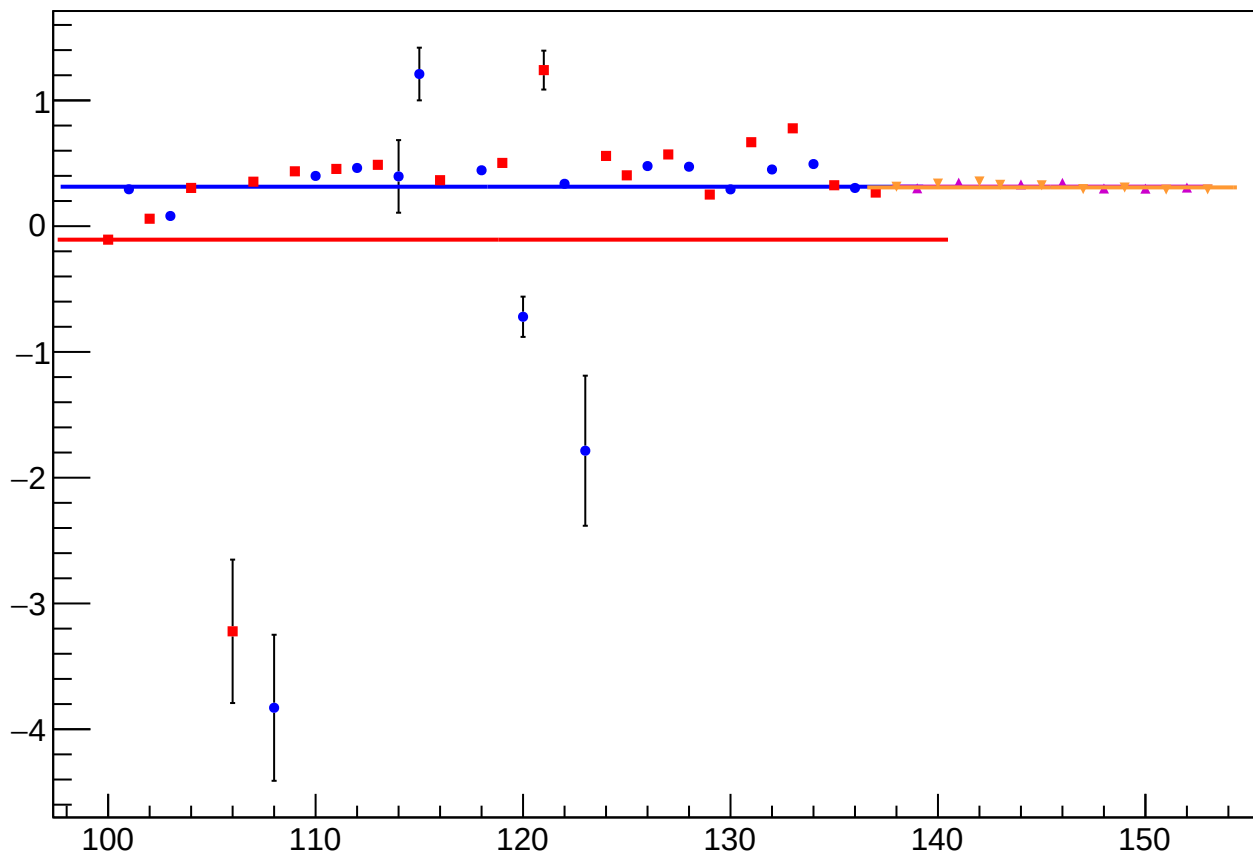
Left In: -16.855 ± 0.029 χ^2/NDF : 2656.4/6

+ sign -7.899 ± 0.000 χ^2/NDF : 106991.0/25

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 449116.8/25

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.308 ± 0.000 χ^2/NDF : 1785.0/8

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

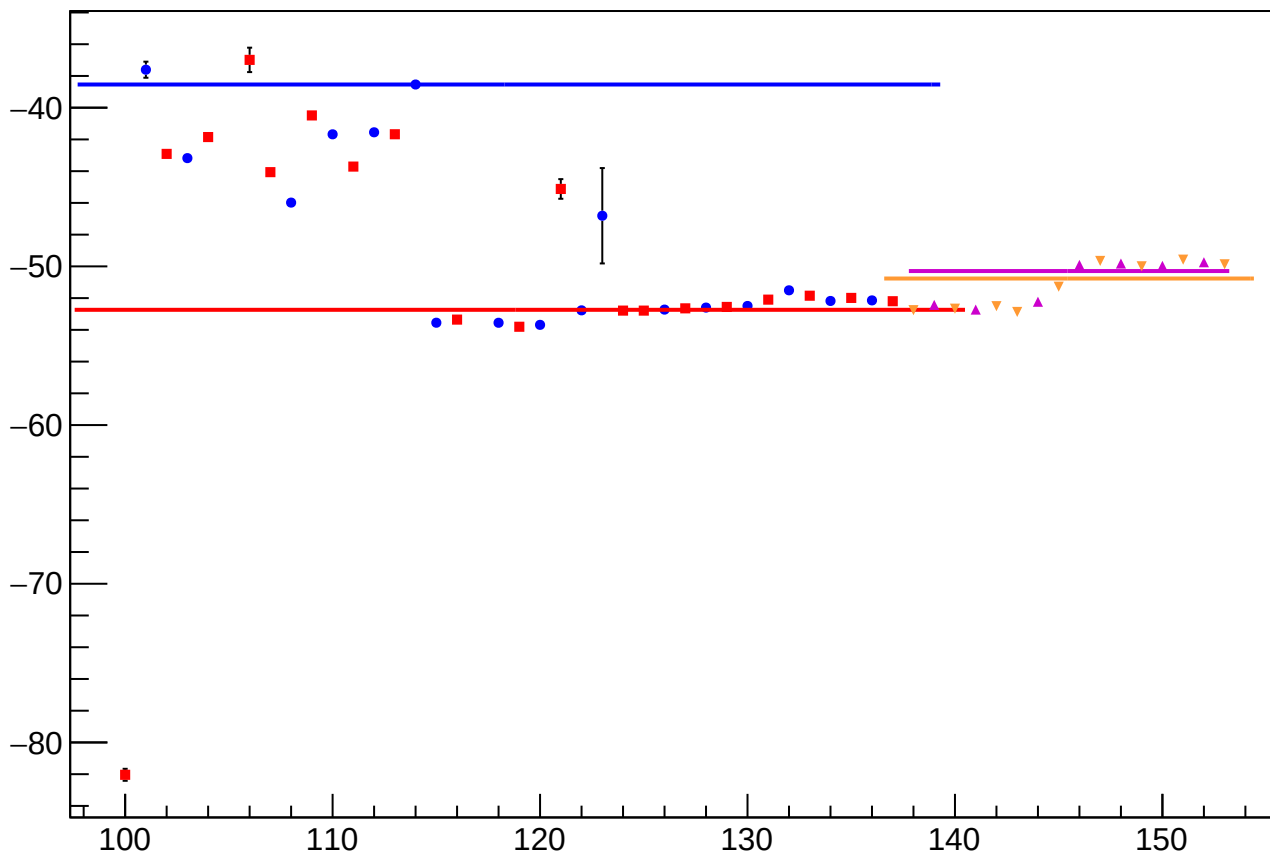
Left In: 0.314 ± 0.000 χ^2/NDF : 1438.7/6

+ sign 0.309 ± 0.000 χ^2/NDF : 4559.5/25

All: -0.107 ± 0.000 χ^2/NDF : 2316828.3/51

- sign -0.107 ± 0.000 χ^2/NDF : 1171955.4/25

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.765 ± 0.003 χ^2/NDF : 211033.8/8

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

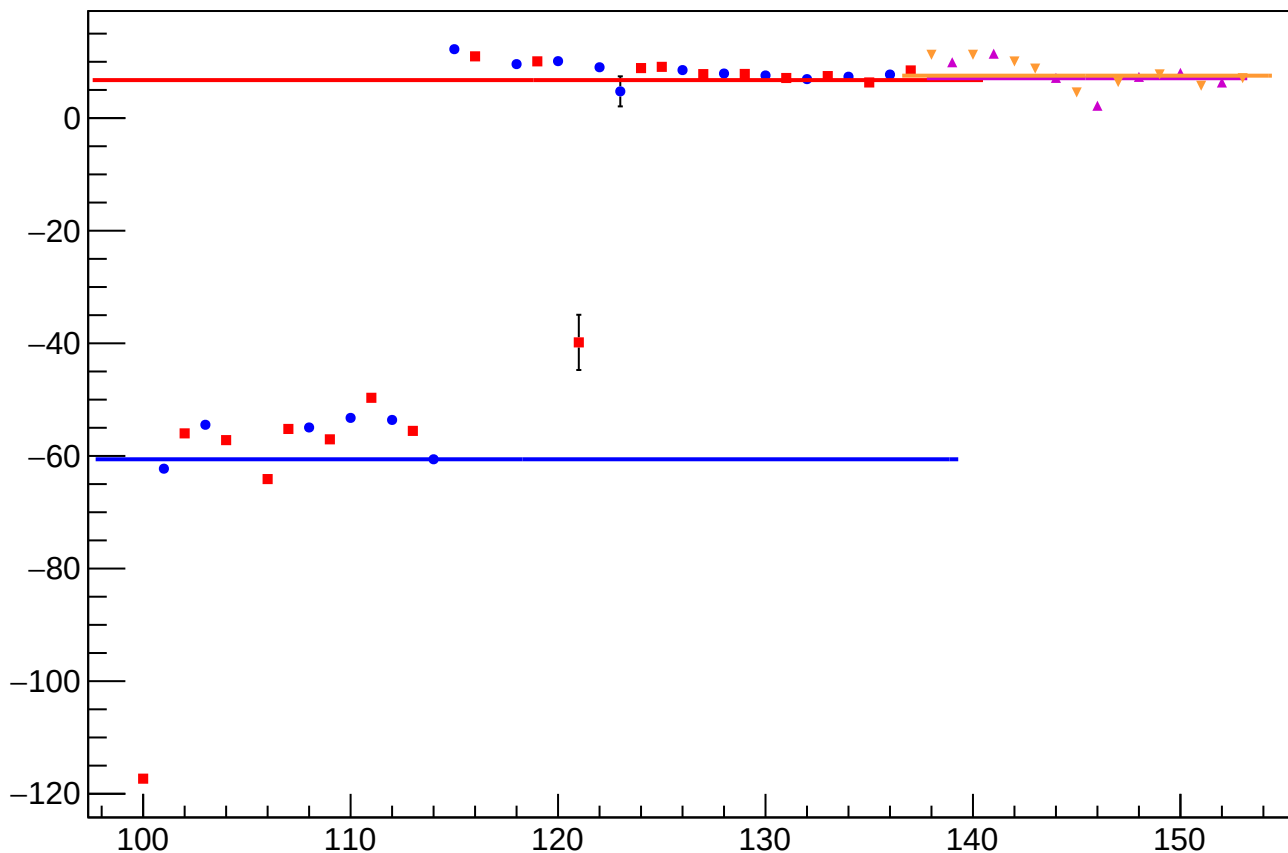
Left In: -50.294 ± 0.002 χ^2/NDF : 145477.8/6

+ sign -38.539 ± 0.000 χ^2/NDF : 31864343.9/25

All: -38.539 ± 0.000 χ^2/NDF : 111940341.7/5

- sign -51.838 ± 0.001 χ^2/NDF : 854581.6/25

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 7.536 ± 0.007 χ^2/NDF : 65194.1/8

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

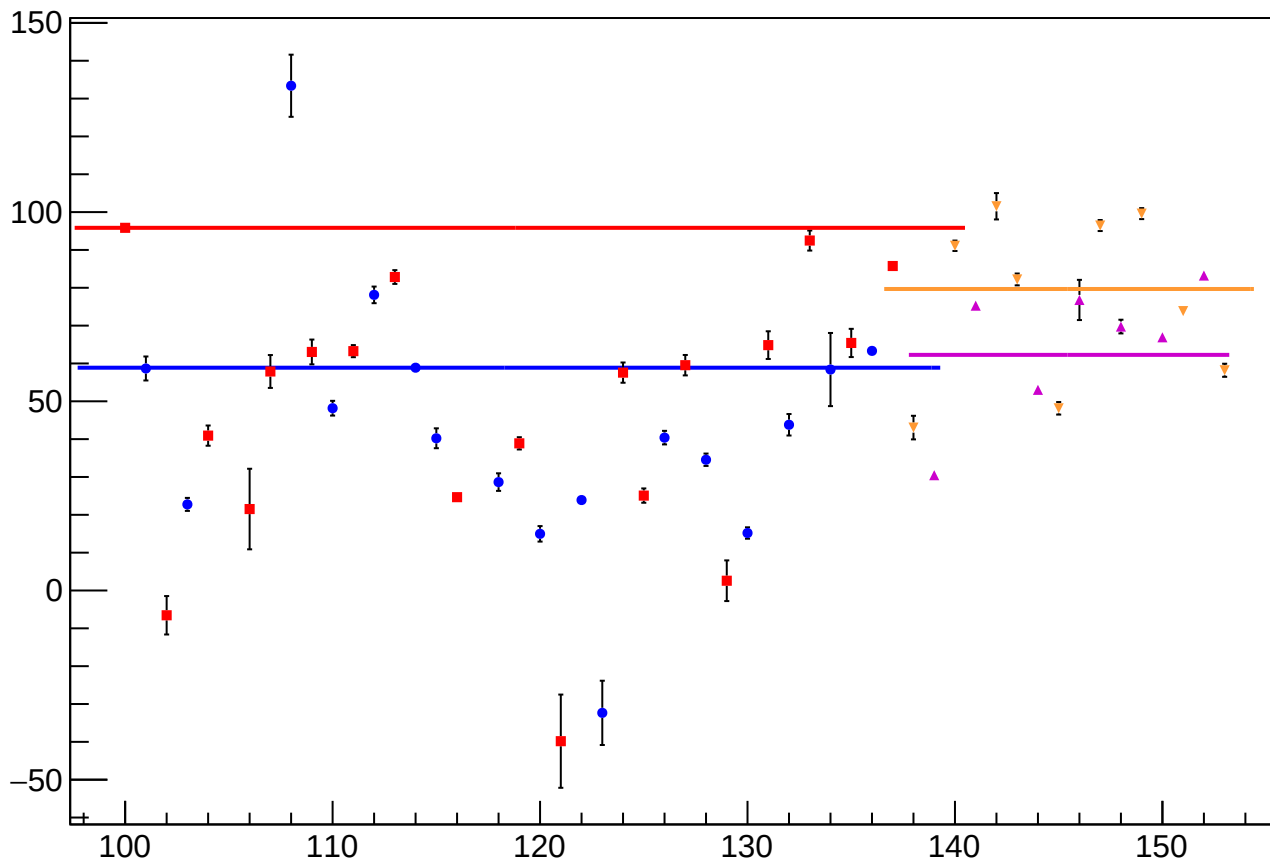
Left In: 7.079 ± 0.006 χ^2/NDF : 101615.9/6

+ sign -60.594 ± 0.000 χ^2/NDF : 131893655.2/25

All: -60.594 ± 0.000 χ^2/NDF : 291966316.6/5

- sign 7.000 ± 0.005 χ^2/NDF : 1368901.0/25

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 χ^2/NDF : 3814.7/16

Left Out: 79.683 ± 0.542 χ^2/NDF : 1107.8/8

Right Out: 95.846 ± 0.000 χ^2/NDF : 39385.0/18

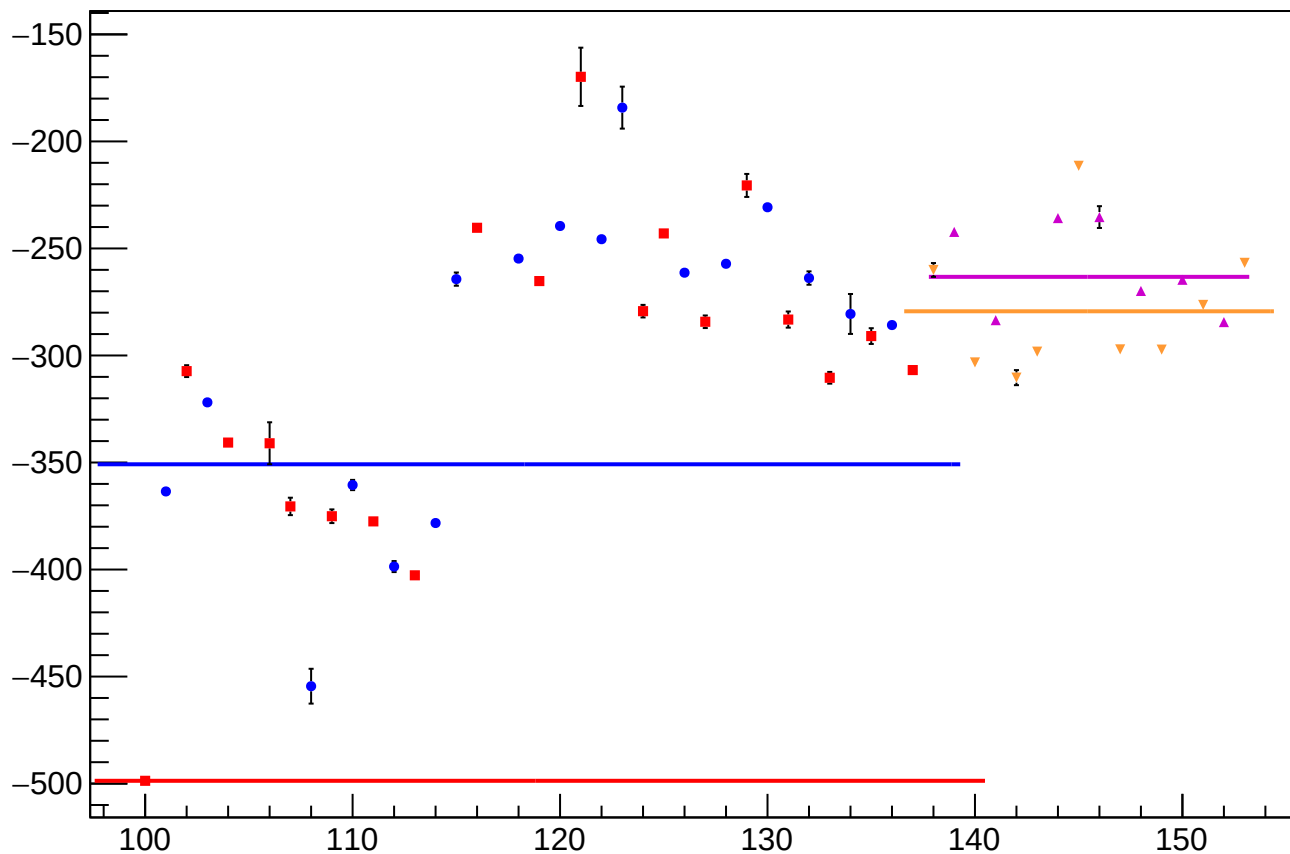
Left In: 62.270 ± 0.404 χ^2/NDF : 1749.8/6

+ sign 58.880 ± 0.000 χ^2/NDF : 6396.5/25

All: 60.098 ± 0.000 χ^2/NDF : 981523394566

- sign 95.846 ± 0.000 χ^2/NDF : 48039.1/25

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF : 41301.1/16

Left Out: -279.359+/-0.531 χ^2/NDF : 2970.6/8

Right Out: -498.692+/-0.000 χ^2/NDF : 511870.8/18

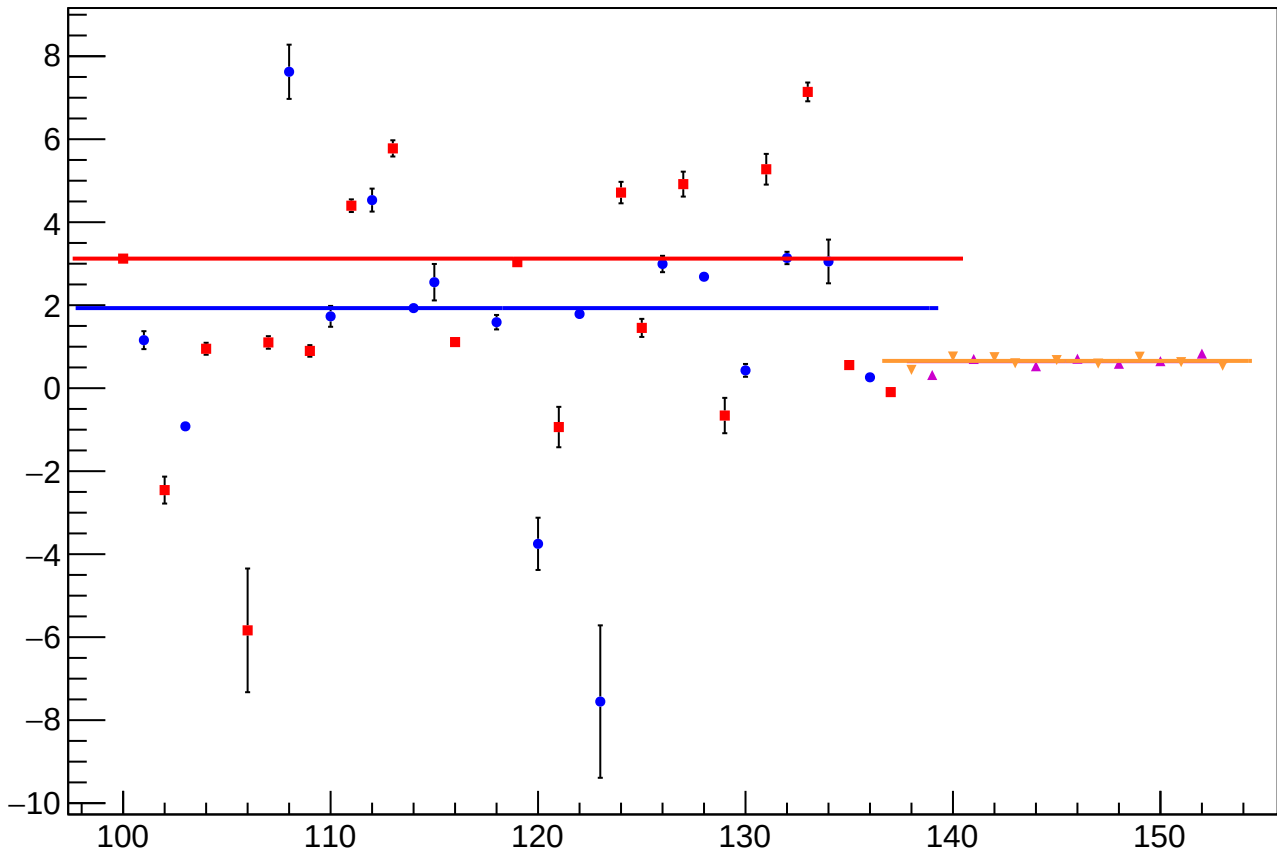
Left In: -263.267+/-0.411 χ^2/NDF : 1734.6/6

+ sign -338.311+/-0.222 χ^2/NDF : 59239.2/25

All: -498.692+/-0.000 χ^2/NDF : 1422191.5/51

- sign -498.692+/-0.000 χ^2/NDF : 841423.8/25

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF : 59970.9/16

Left Out: 0.658+/-0.003 χ^2/NDF : 658.9/8

Right Out: 3.123+/-0.000 χ^2/NDF : 512565.5/18

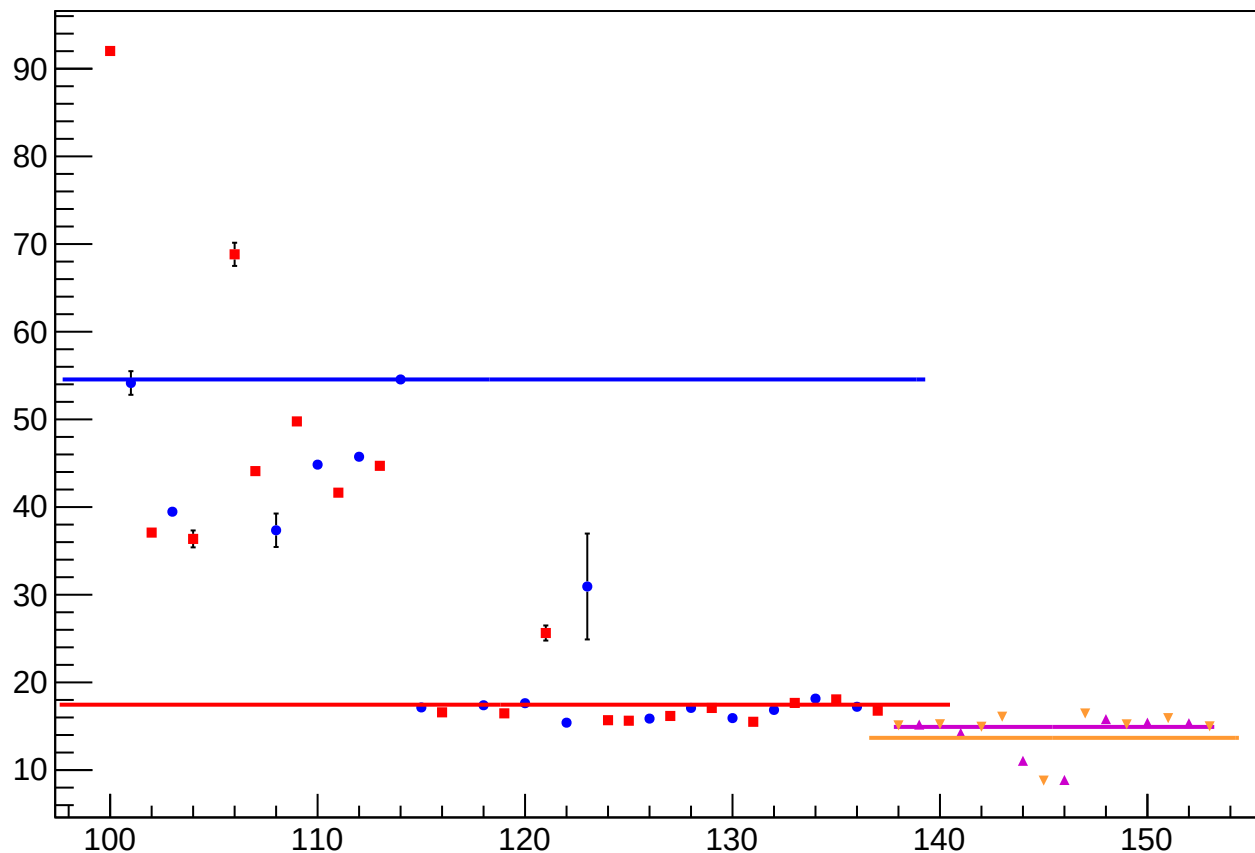
Left In: 0.651+/-0.003 χ^2/NDF : 3003.4/6

+ sign 1.930+/-0.000 χ^2/NDF : 198665.2/25

All: 2.073+/-0.000 χ^2/NDF : 38099534578085

- sign 3.123+/-0.000 χ^2/NDF : 1228926.4/25

dit_sam2_4aY_slope vs Slug



Right In: 54.556 $\pm$ 0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.676 $\pm$ 0.011 χ^2/NDF : 72143.4/8

Right Out: 17.458 $\pm$ 0.018 χ^2/NDF : 99308.5/18

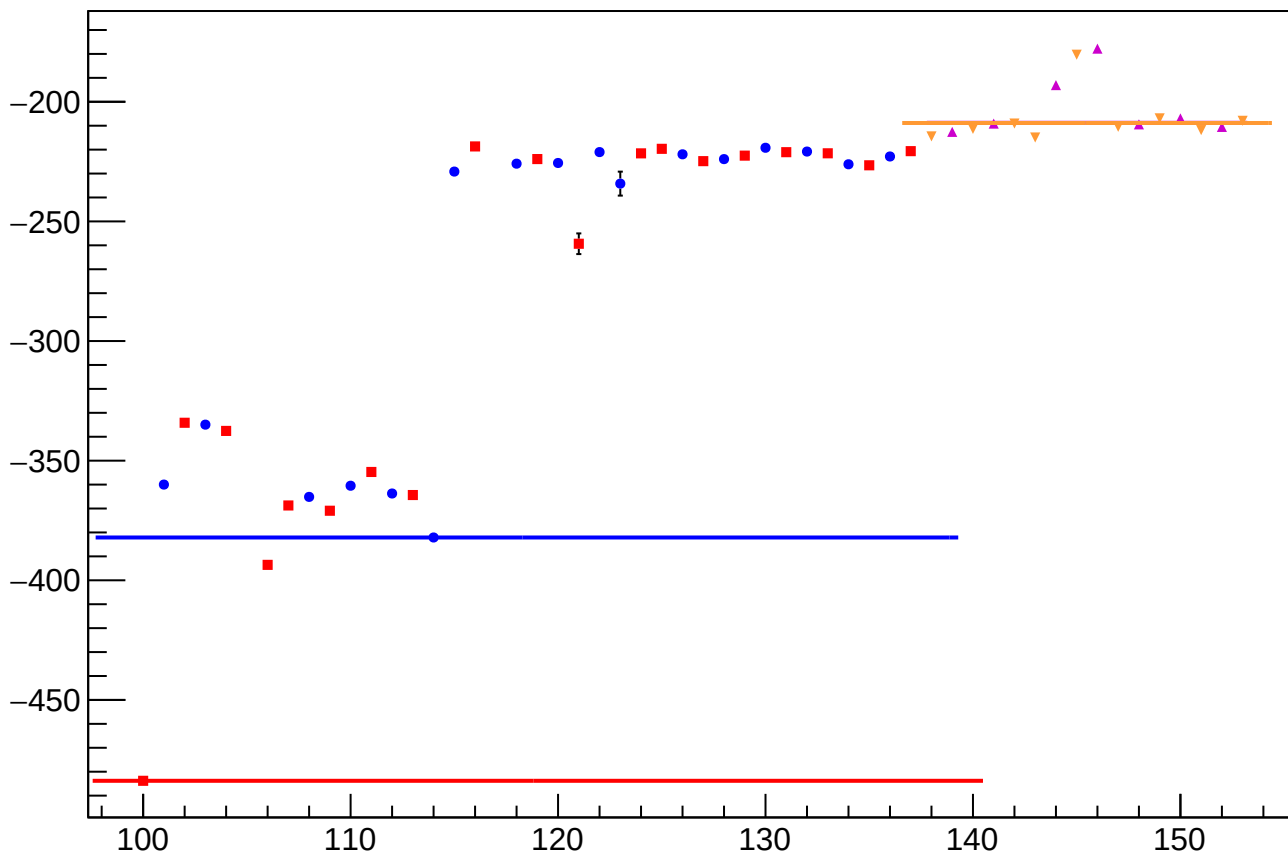
Left In: 14.924 $\pm$ 0.014 χ^2/NDF : 7552.8/6

+ sign 54.556 $\pm$ 0.000 χ^2/NDF : 20431290.3/25

All: 54.556 $\pm$ 0.000 χ^2/NDF : 32206637.4/51

- sign 15.896 $\pm$ 0.011 χ^2/NDF : 118706.8/25

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.863+/-0.022 χ^2/NDF : 58709.2/8

+ sign -382.108+/-0.000 χ^2/NDF : 81865342.2/25

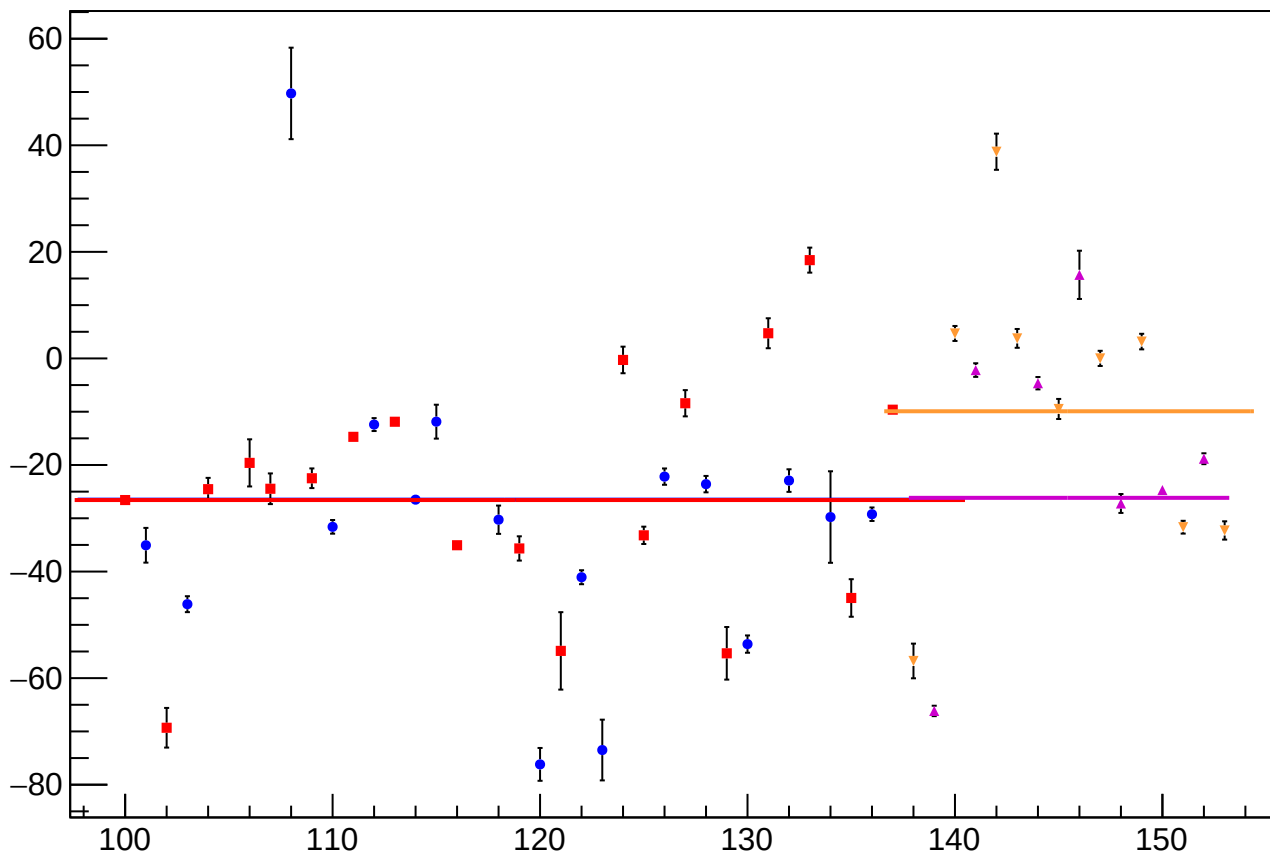
Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

All: -417.999+/-0.000 χ^2/NDF : 12425488813

- sign -483.800+/-0.000 χ^2/NDF : 151779285.5/25

Left In: -208.788+/-0.024 χ^2/NDF : 12797.8/6

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -9.916 ± 0.552 χ^2/NDF : 1207.6/8

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

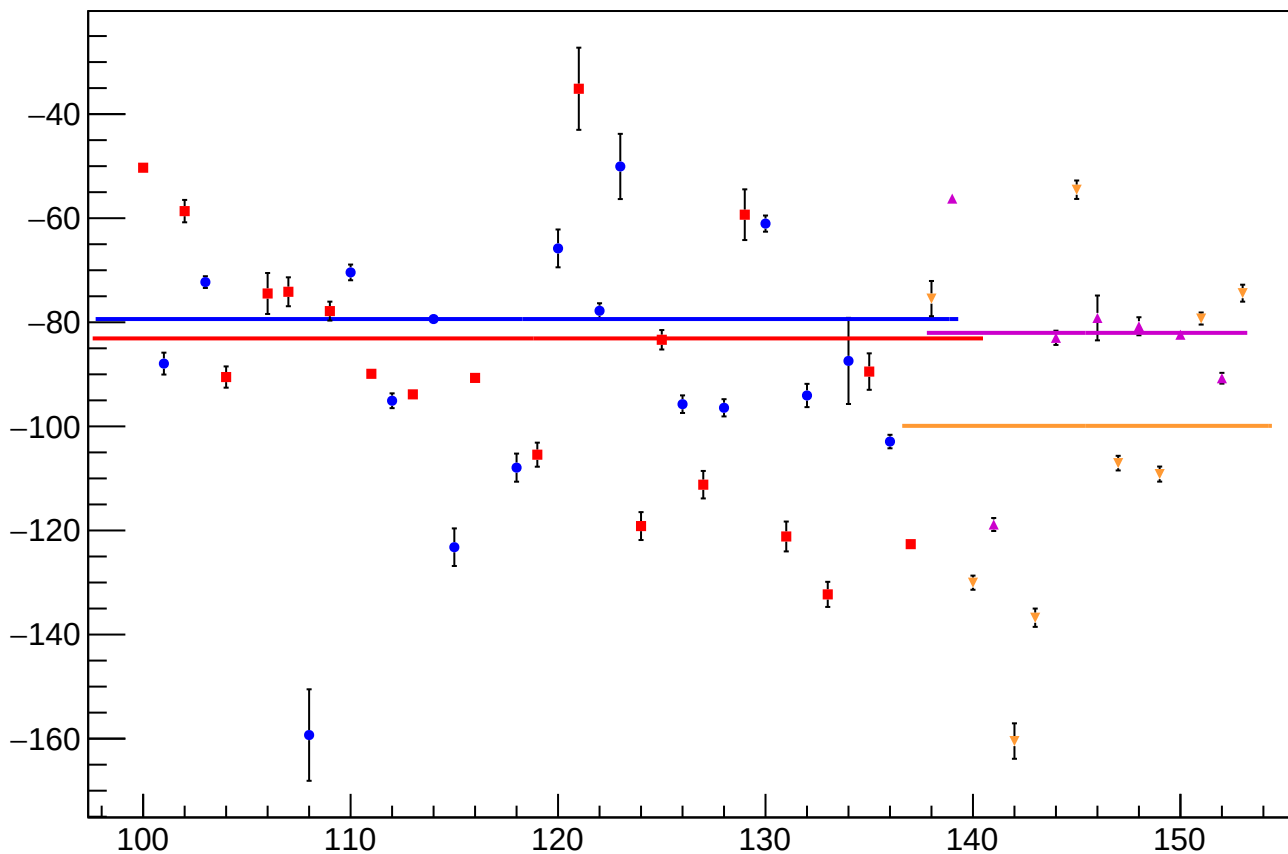
Left In: -26.163 ± 0.429 χ^2/NDF : 2508.3/6

+ sign -26.504 ± 0.000 χ^2/NDF : 3291.4/25

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 5150.1/25

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -99.898 ± 0.538 $\chi^2/\text{NDF}: 2580.5/8$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

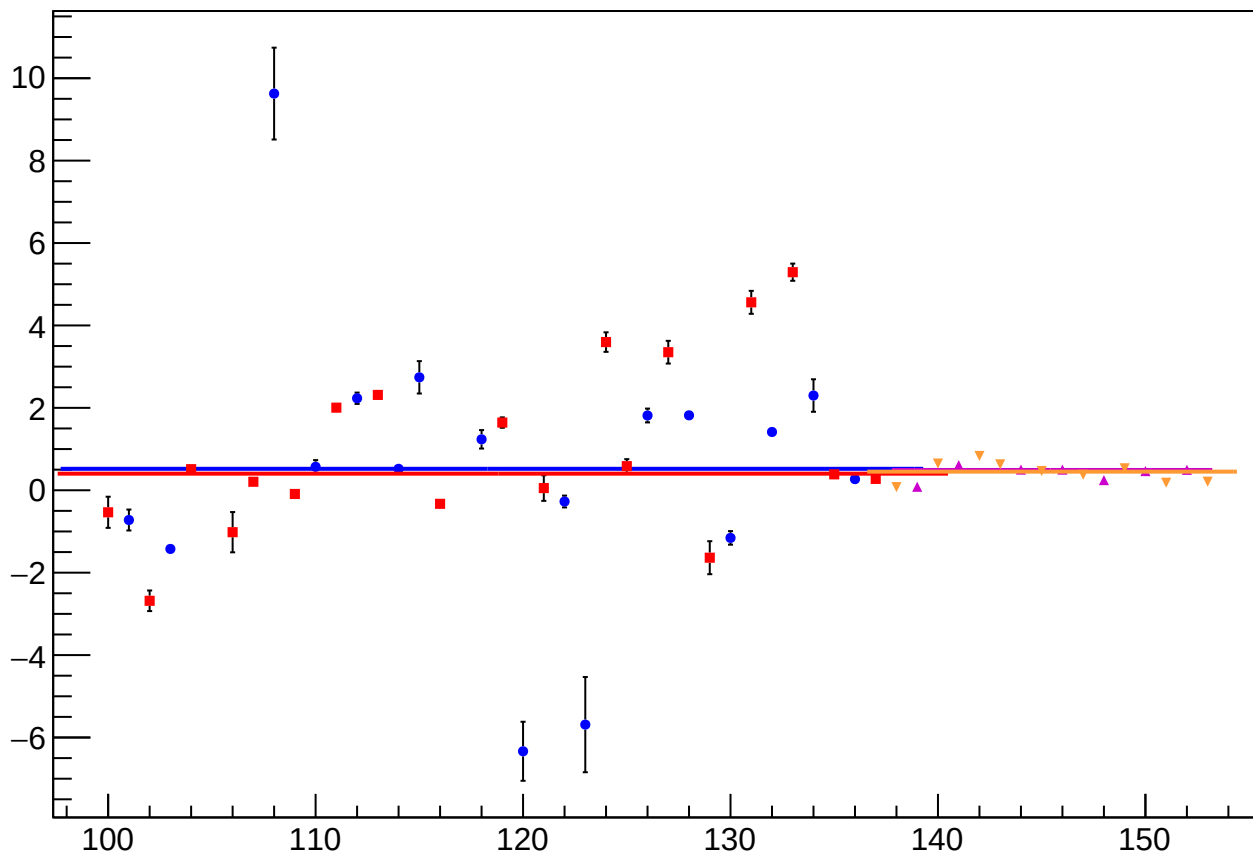
Left In: -82.031 ± 0.423 $\chi^2/\text{NDF}: 1777.0/6$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 5340.6/25$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 19509.3/51$

- sign -82.938 ± 0.164 $\chi^2/\text{NDF}: 13698.3/25$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.452+/-0.004 χ^2/NDF : 1974.9/8

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

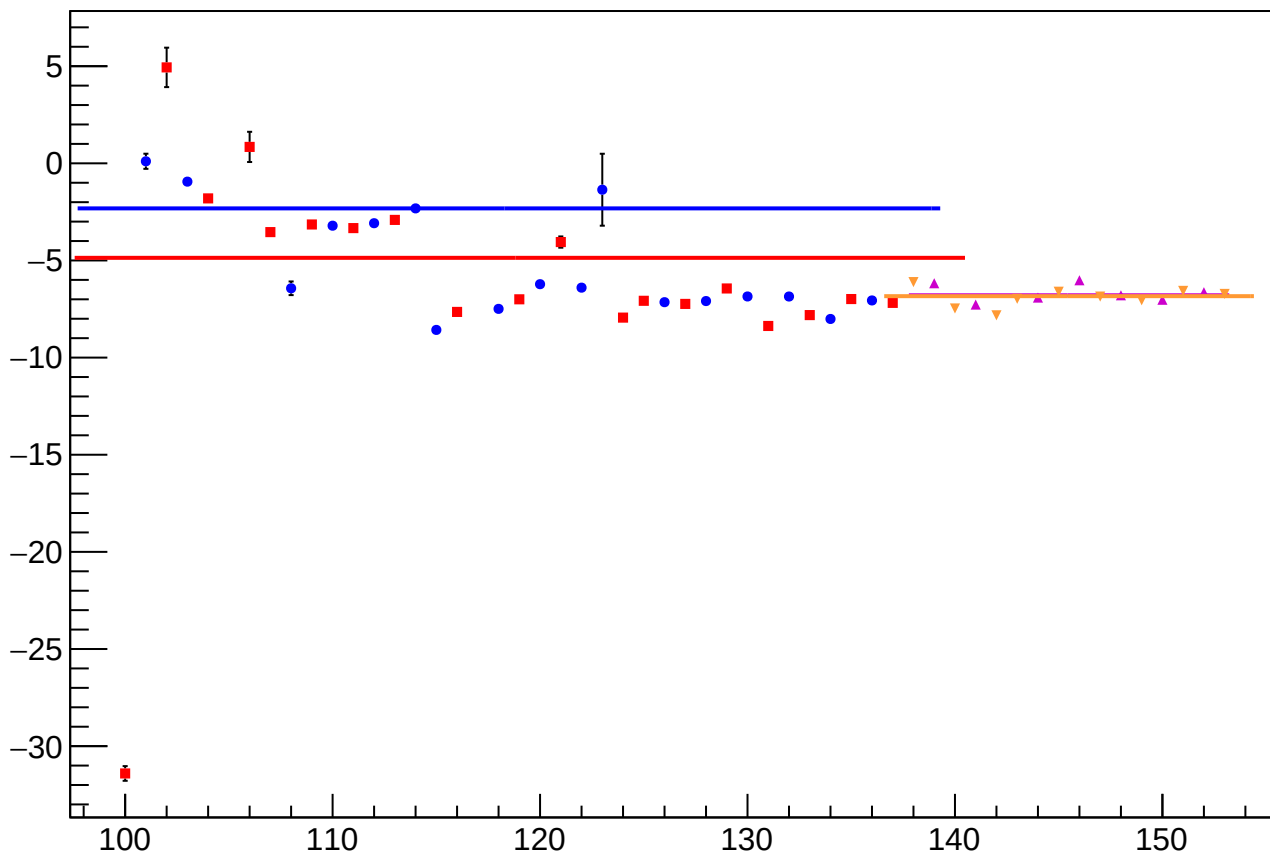
Left In: 0.492+/-0.003 χ^2/NDF : 2814.5/6

+ sign 0.521+/-0.000 χ^2/NDF : 5623.5/25

All: 0.521+/-0.000 χ^2/NDF : 11385.3/51

- sign 0.487+/-0.003 χ^2/NDF : 5605.1/25

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 χ^2/NDF : 270771.9/16

Left Out: -6.838 ± 0.005 χ^2/NDF : 2268.2/8

Right Out: -4.864 ± 0.010 χ^2/NDF : 49380.5/18

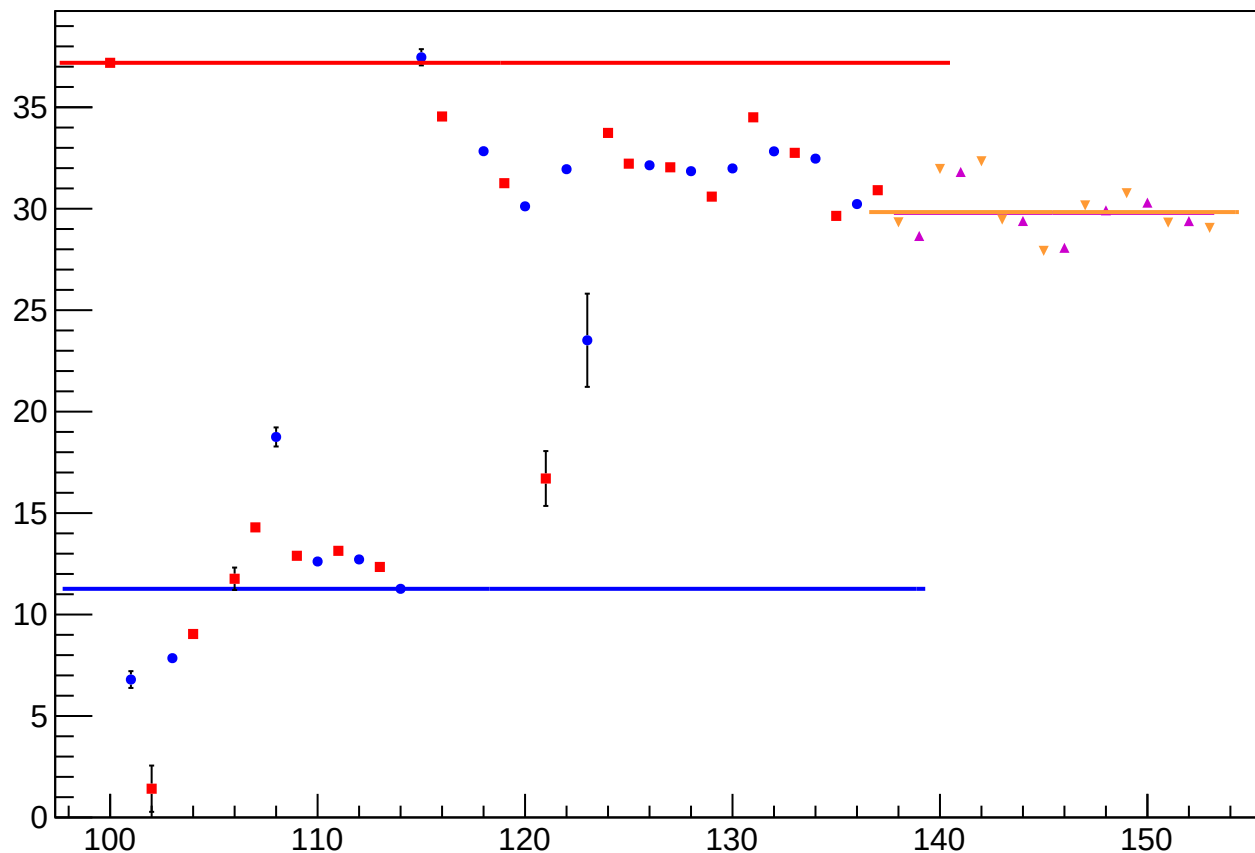
Left In: -6.791 ± 0.005 χ^2/NDF : 4342.2/6

+ sign -2.320 ± 0.000 χ^2/NDF : 1095235.9/25

All: -2.320 ± 0.000 χ^2/NDF : 1968773.5/51

- sign -6.408 ± 0.005 χ^2/NDF : 81731.8/25

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.835 $\pm$ 0.017 χ^2 /NDF: 4785.1/8

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

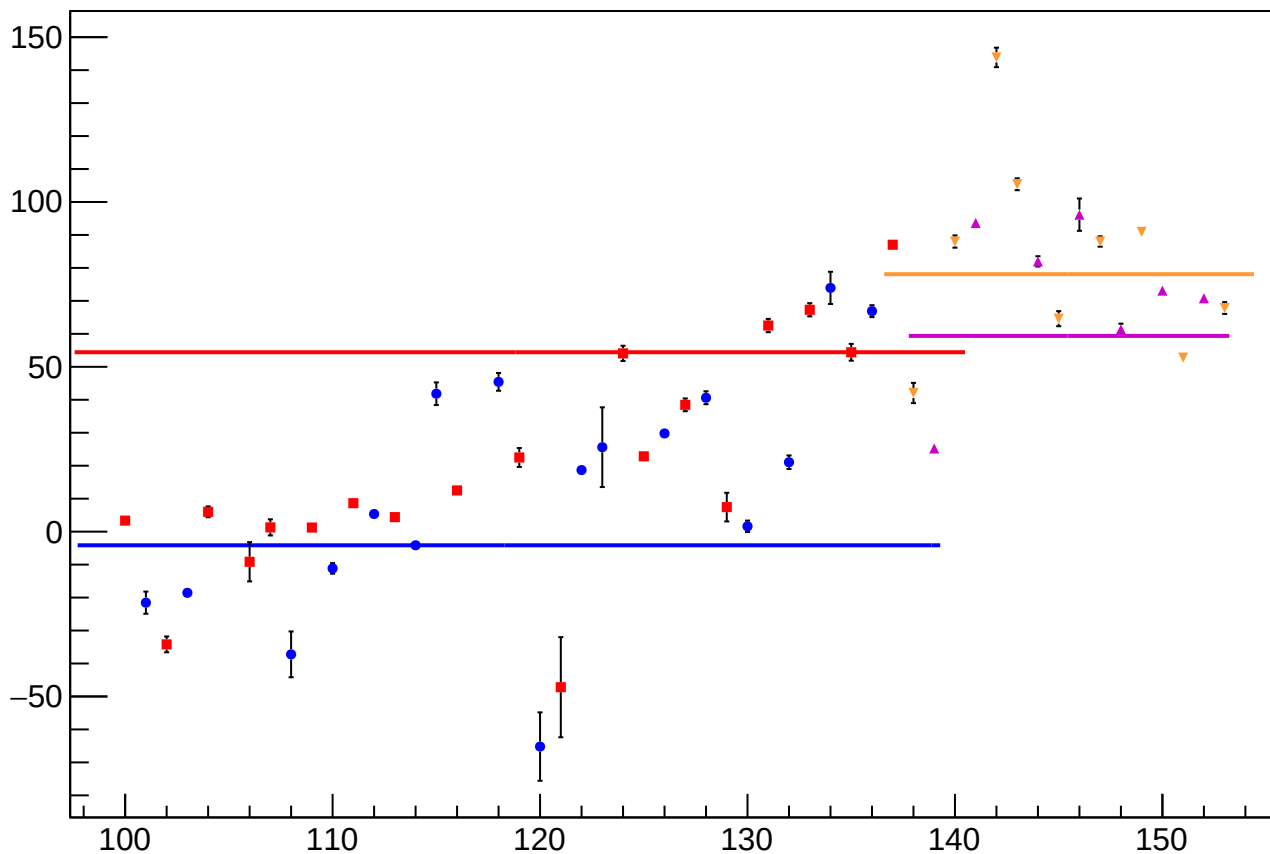
Left In: 29.794 $\pm$ 0.014 χ^2 /NDF: 2626.6/6

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 2223402.3/25

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 1396966.4/25

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 78.097 ± 0.579 χ^2/NDF : 1570.5/8

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

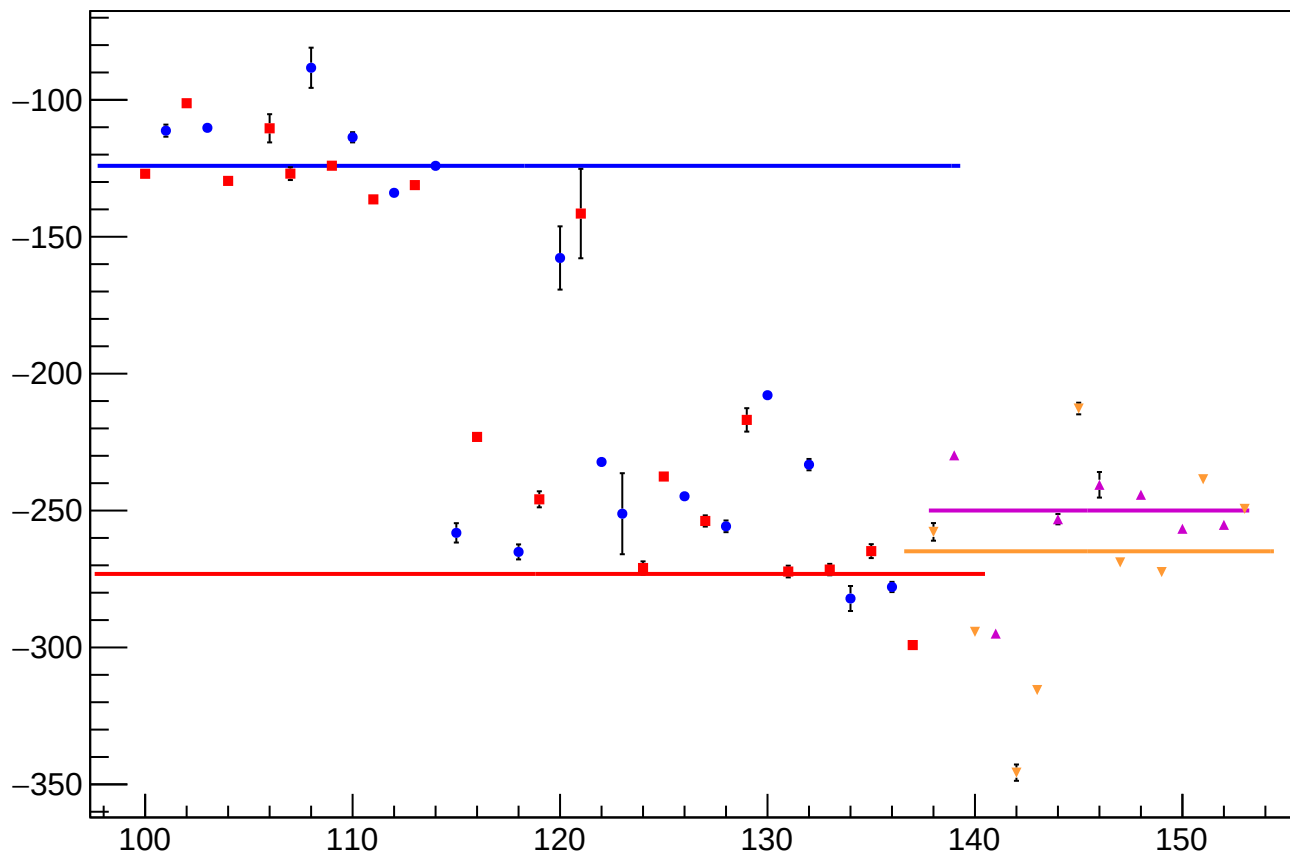
Left In: 59.372 ± 0.418 χ^2/NDF : 3584.2/6

+ sign -4.139 ± 0.000 χ^2/NDF : 26382.3/25

All: -4.139 ± 0.000 χ^2/NDF : 225449.0/51

- sign 55.131 ± 0.158 χ^2/NDF : 57703.1/25

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 χ^2/NDF : 38152.5/16

Left Out: -264.875 ± 0.570 χ^2/NDF : 3067.1/8

Right Out: -273.143 ± 0.113 χ^2/NDF : 280141.9/18

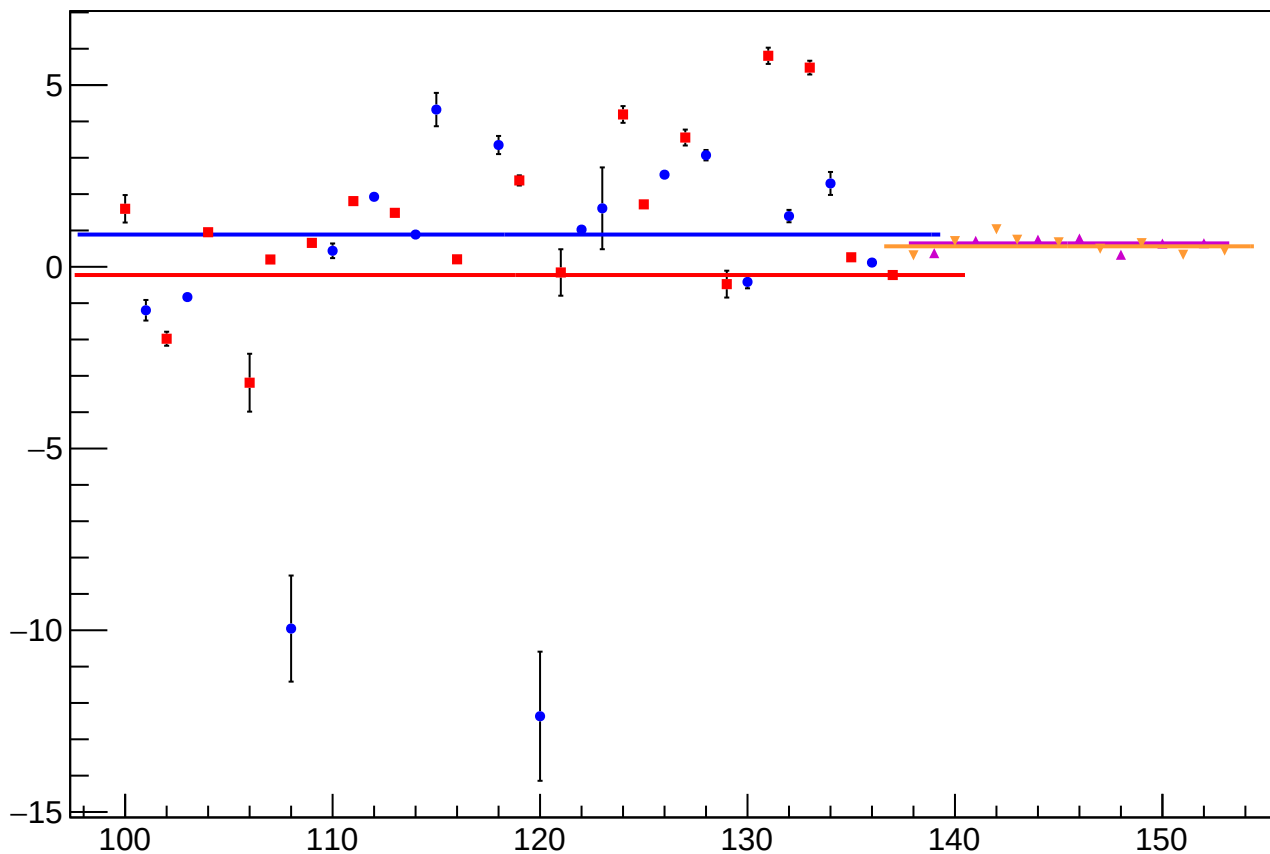
Left In: -249.983 ± 0.406 χ^2/NDF : 2303.1/6

+ sign -124.095 ± 0.000 χ^2/NDF : 102320.8/25

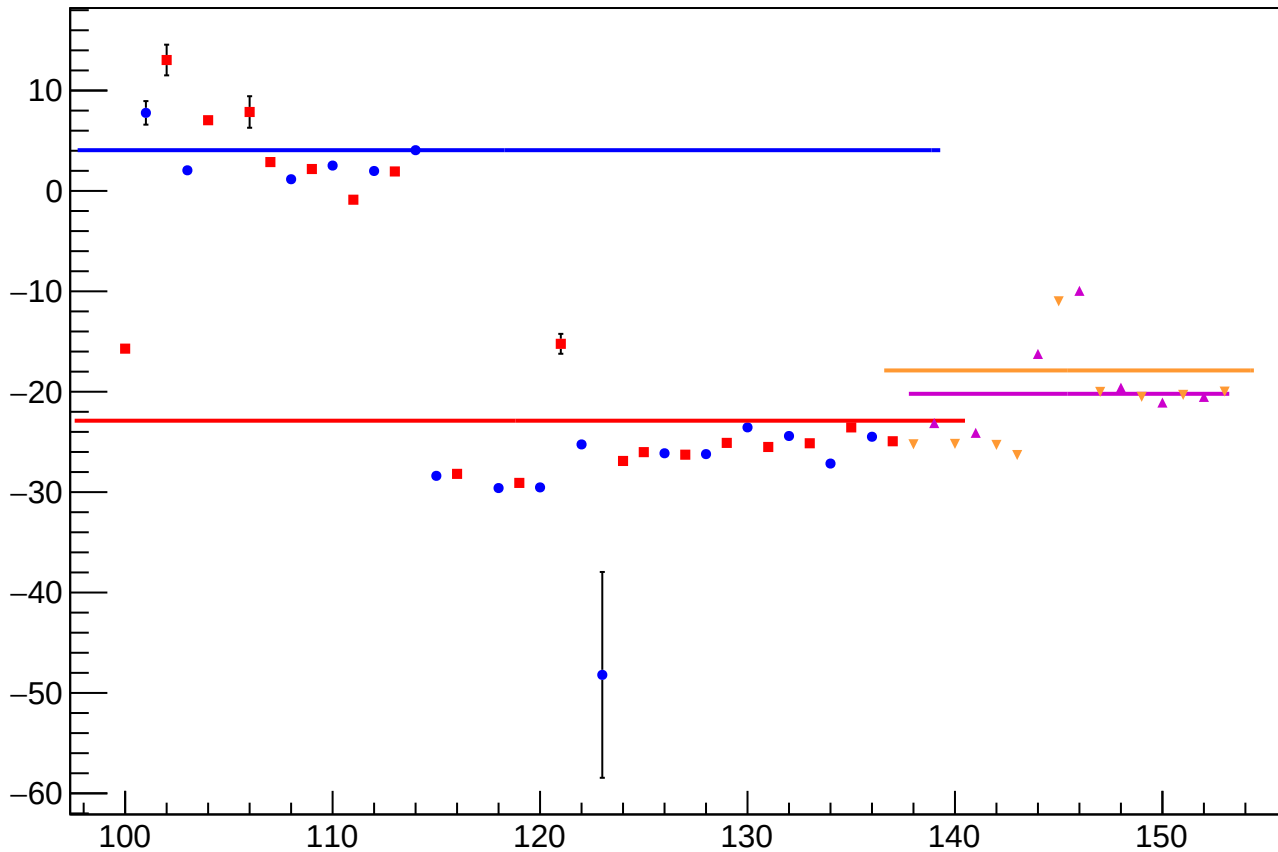
All: -124.095 ± 0.000 χ^2/NDF : 2229418.6/51

- sign -271.485 ± 0.109 χ^2/NDF : 285467.1/25

dit_sam4_11X12X_slope vs Slug



dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -17.880+/-0.021 χ^2/NDF : 72875.2/8

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

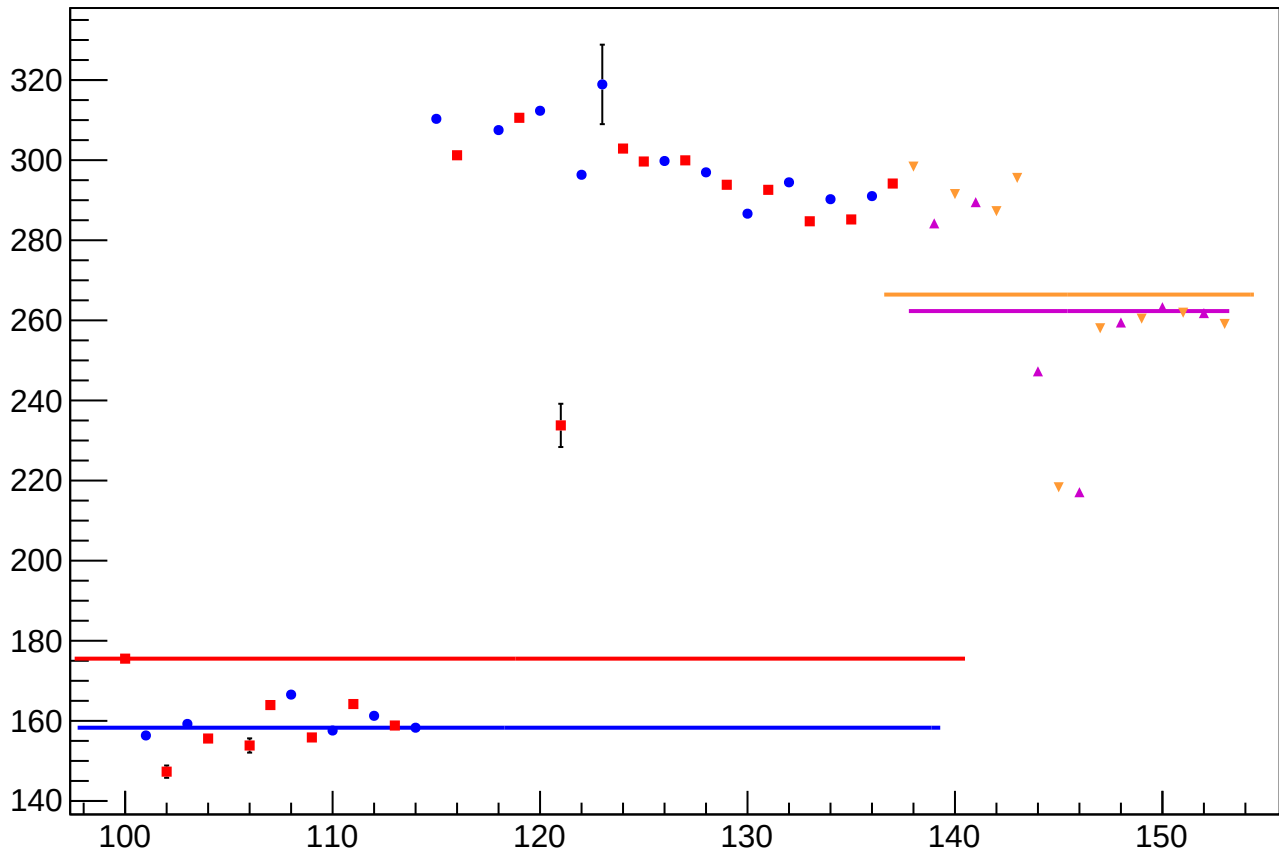
Left In: -20.207+/-0.021 χ^2/NDF : 18030.1/6

+ sign 4.057+/-0.000 χ^2/NDF : 2450064.7/25

All: 4.057+/-0.000 χ^2/NDF : 4923616.4/51

- sign -21.270+/-0.017 χ^2/NDF : 140781.3/25

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 266.438+/-0.051 χ^2/NDF :179902.5/8

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

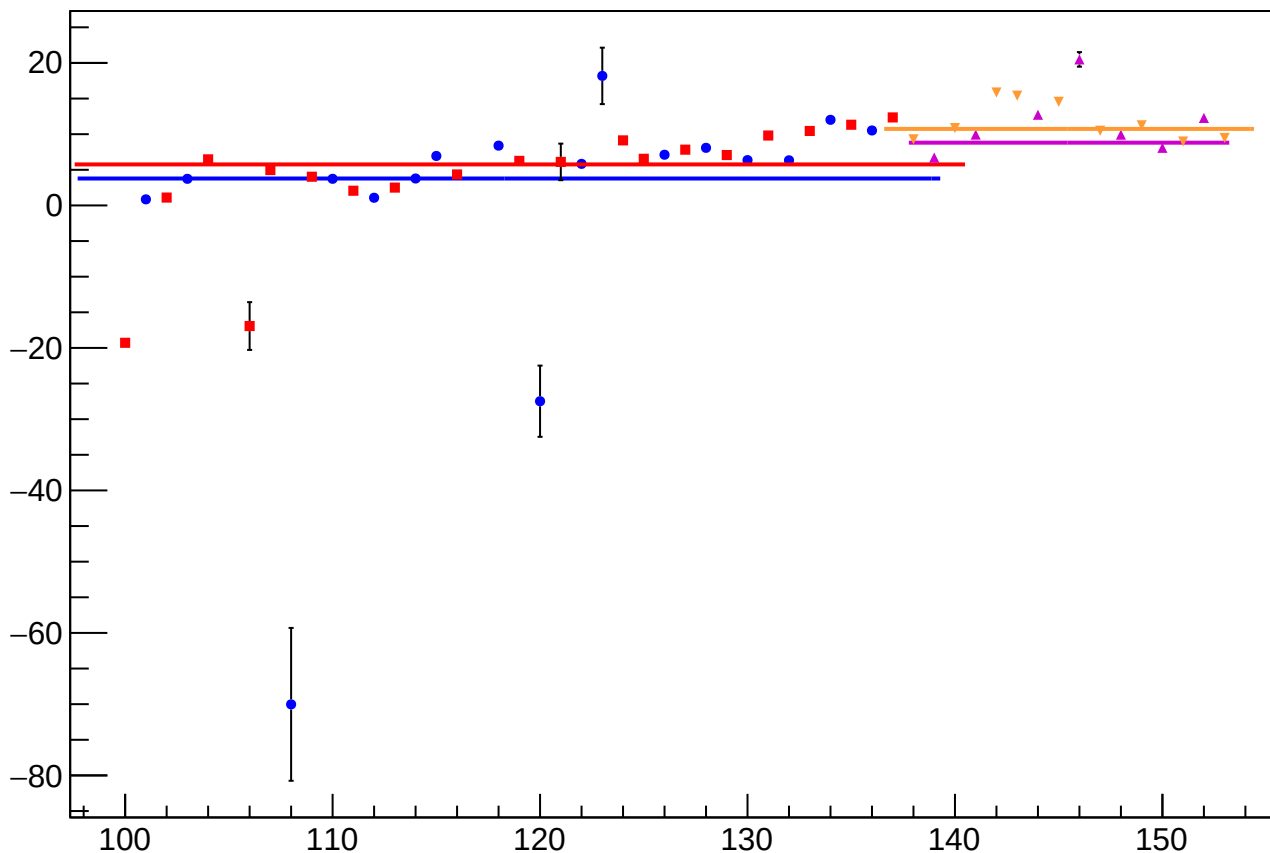
Left In: 262.319+/-0.047 χ^2/NDF :36875.4/6

+ sign 158.293+/-0.000 χ^2/NDF : 7137374.0/25

All: 172.618+/-0.000 χ^2/NDF : 373727491225

- sign 175.536+/-0.000 χ^2/NDF : 5562360.4/25

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.743 ± 0.042 χ^2/NDF : 1356.1/8

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

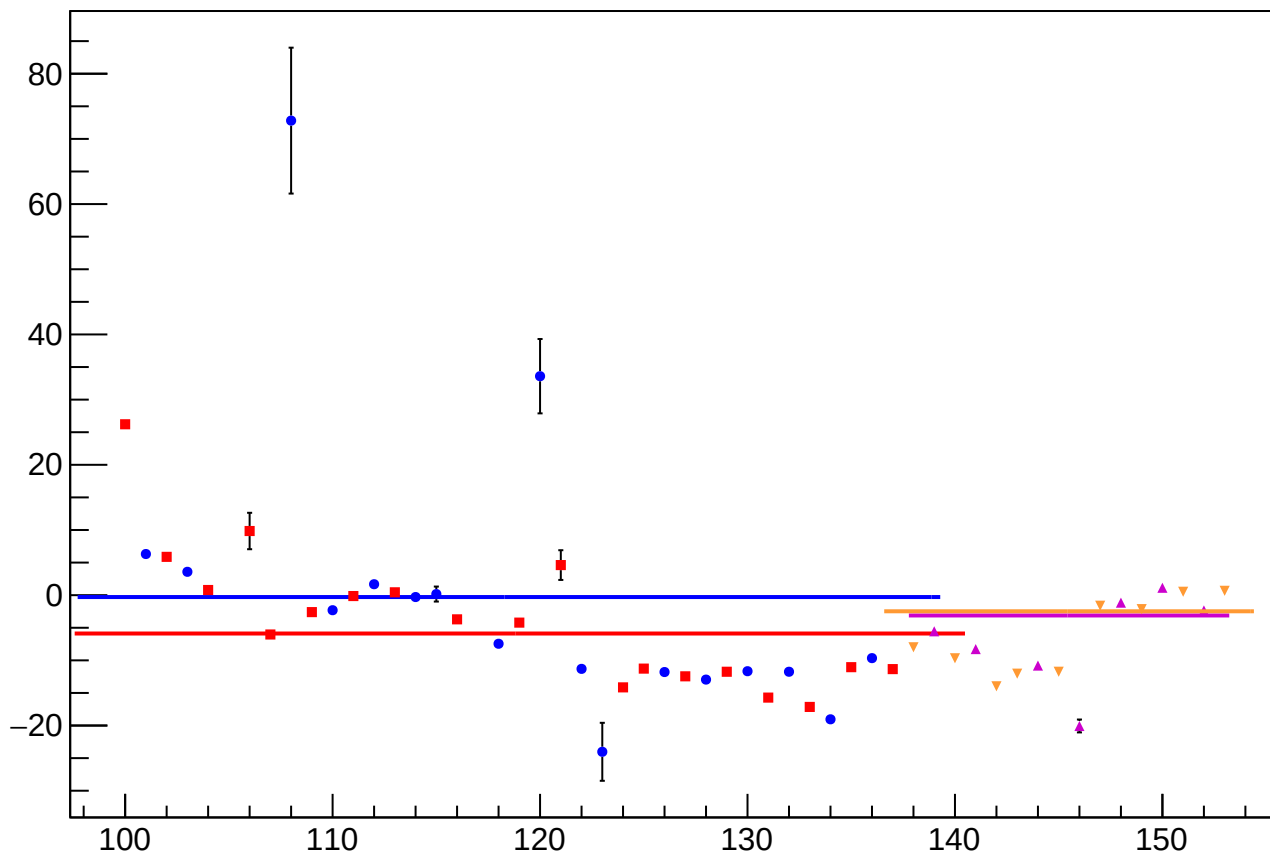
Left In: 8.808 ± 0.043 χ^2/NDF : 1894.0/6

+ sign 3.778 ± 0.000 χ^2/NDF : 36348.8/25

All: 3.778 ± 0.000 χ^2/NDF : 79907.2/51

- sign 6.553 ± 0.022 χ^2/NDF : 27852.8/25

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.472 ± 0.041 χ^2/NDF : 7822.6/8

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

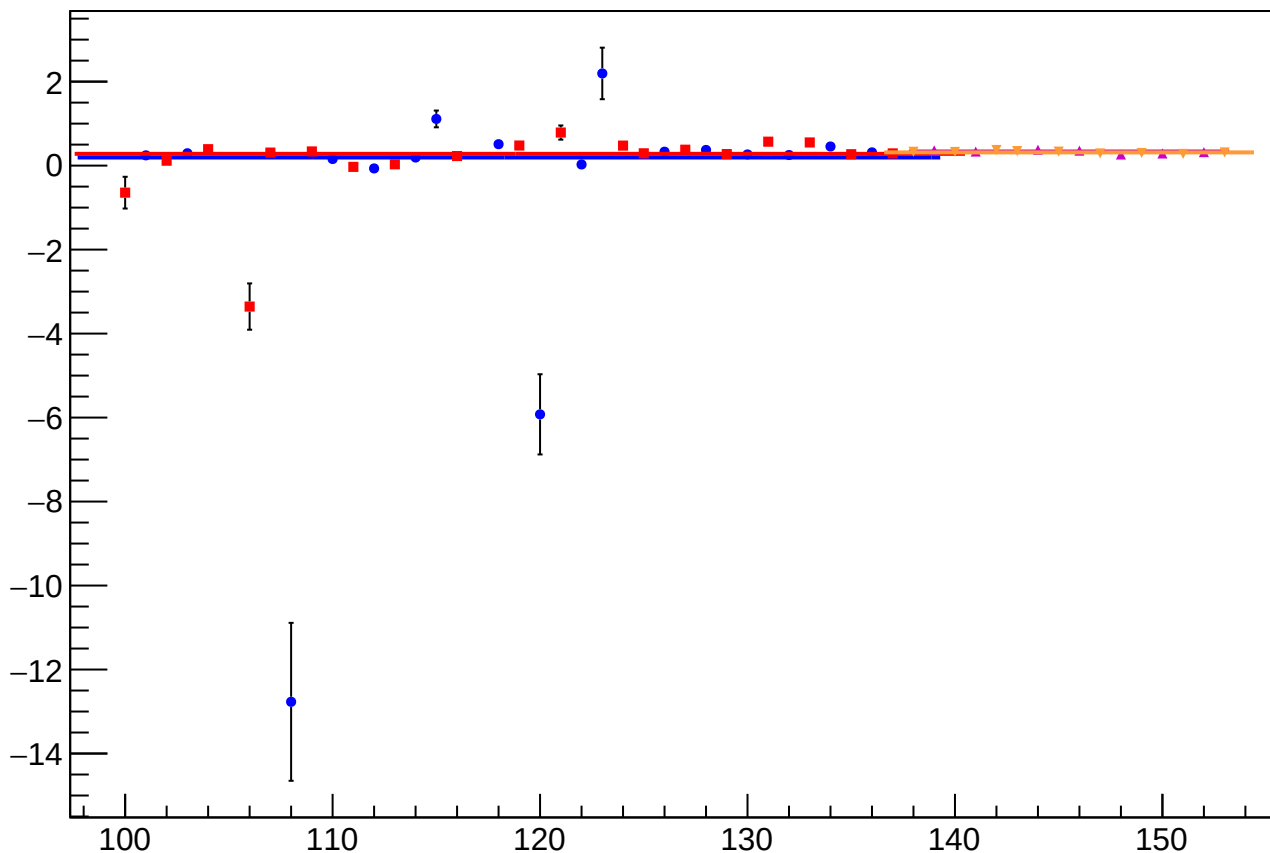
Left In: -3.113 ± 0.044 χ^2/NDF : 9272.2/6

+ sign -0.287 ± 0.000 χ^2/NDF : 54934.0/25

All: -0.287 ± 0.000 χ^2/NDF : 174103.1/51

- sign -5.118 ± 0.023 χ^2/NDF : 75624.6/25

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.315+/-0.001 χ^2/NDF : 792.7/8

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

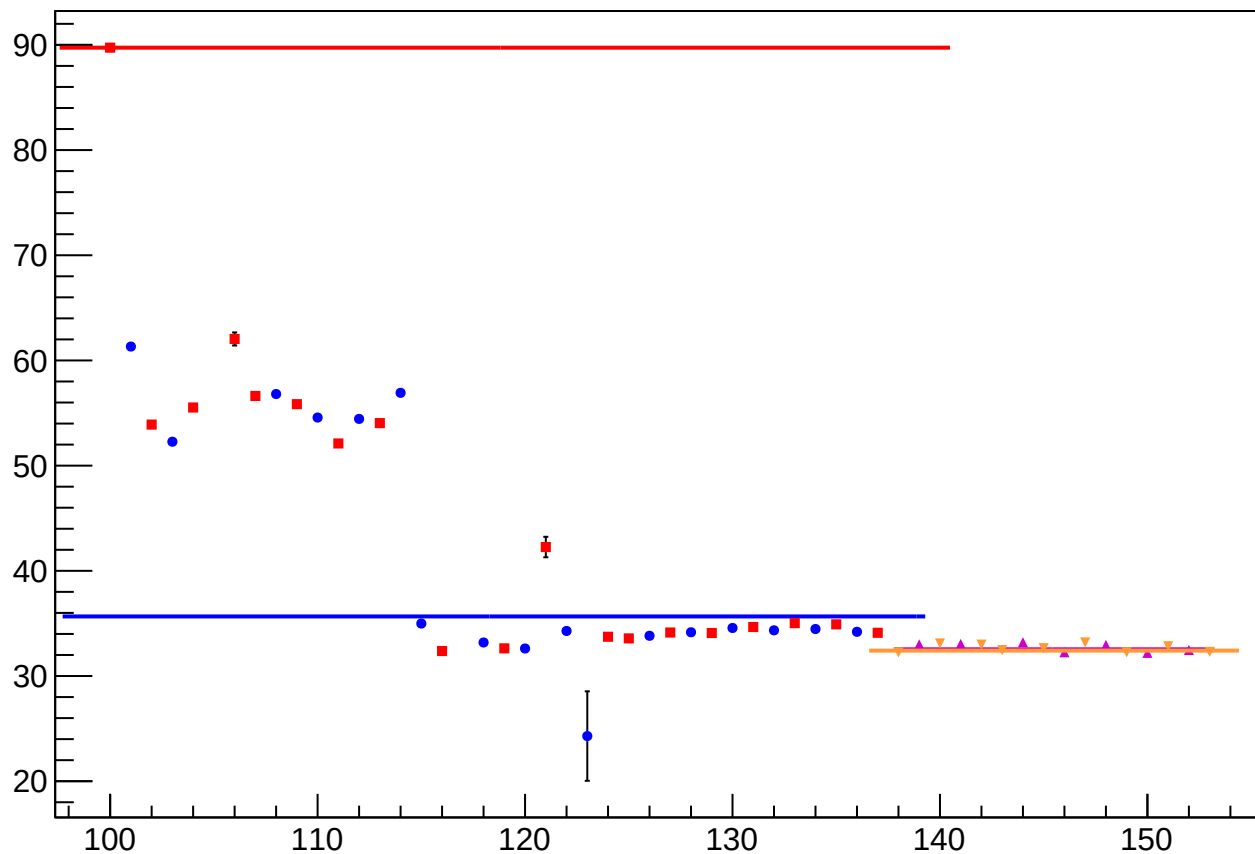
Left In: 0.336+/-0.001 χ^2/NDF : 2122.9/6

+ sign 0.193+/-0.000 χ^2/NDF : 34445.8/25

All: 0.193+/-0.000 χ^2/NDF : 72477.8/51

- sign 0.321+/-0.001 χ^2/NDF : 9217.0/25

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.416 $\pm$ 0.006 χ^2 /NDF:1938.0/8

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

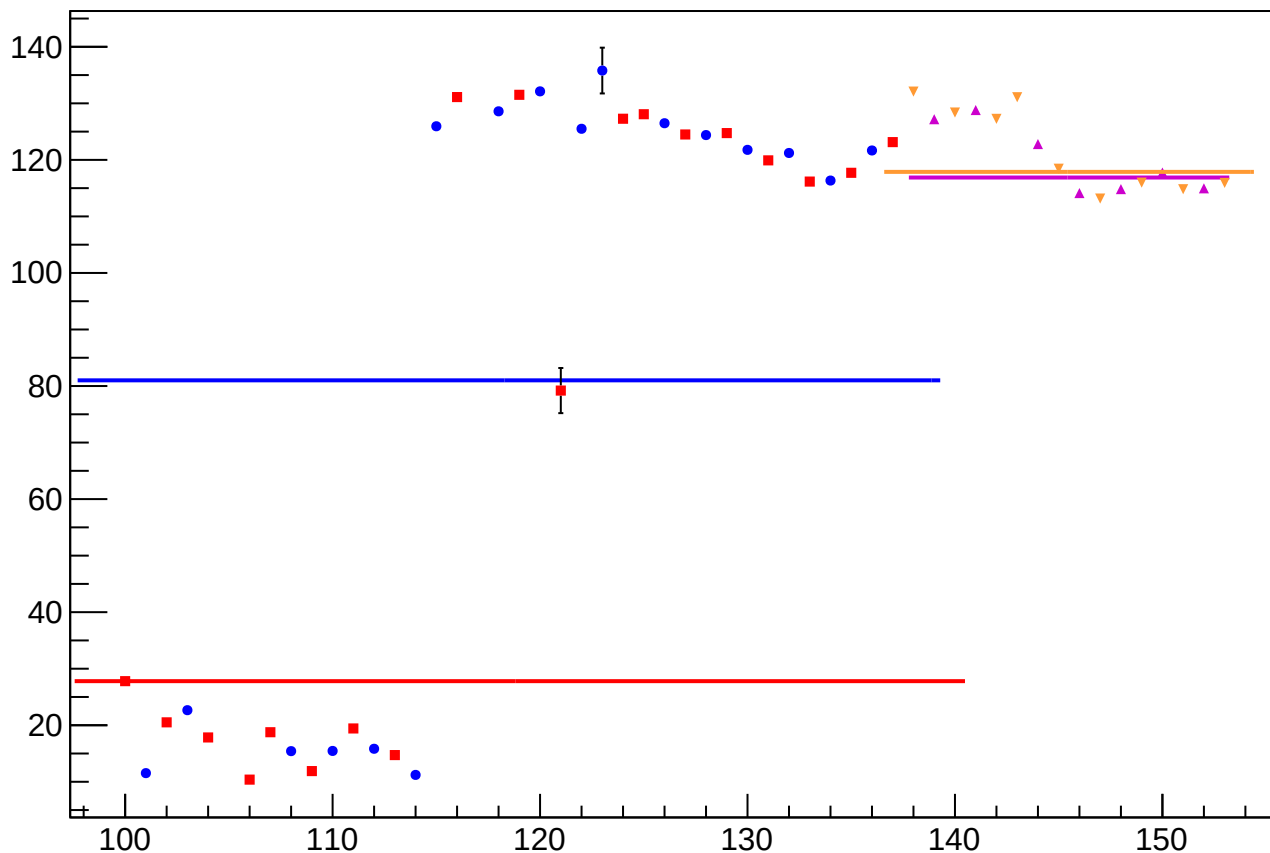
Left In: 32.542 $\pm$ 0.007 χ^2 /NDF:2189.5/6

+ sign 33.145 $\pm$ 0.005 χ^2 /NDF: 283938.9/25

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 197505770.4/51

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 86740888.7/25

dit_sam5_4eY_slope vs Slug



Right In: 81.005 ± 0.035 χ^2/NDF : 2228881.4/16

Left Out: 117.878 ± 0.014 χ^2/NDF : 127428.7/8

Right Out: 27.798 ± 0.000 χ^2/NDF : 9183707.8/18

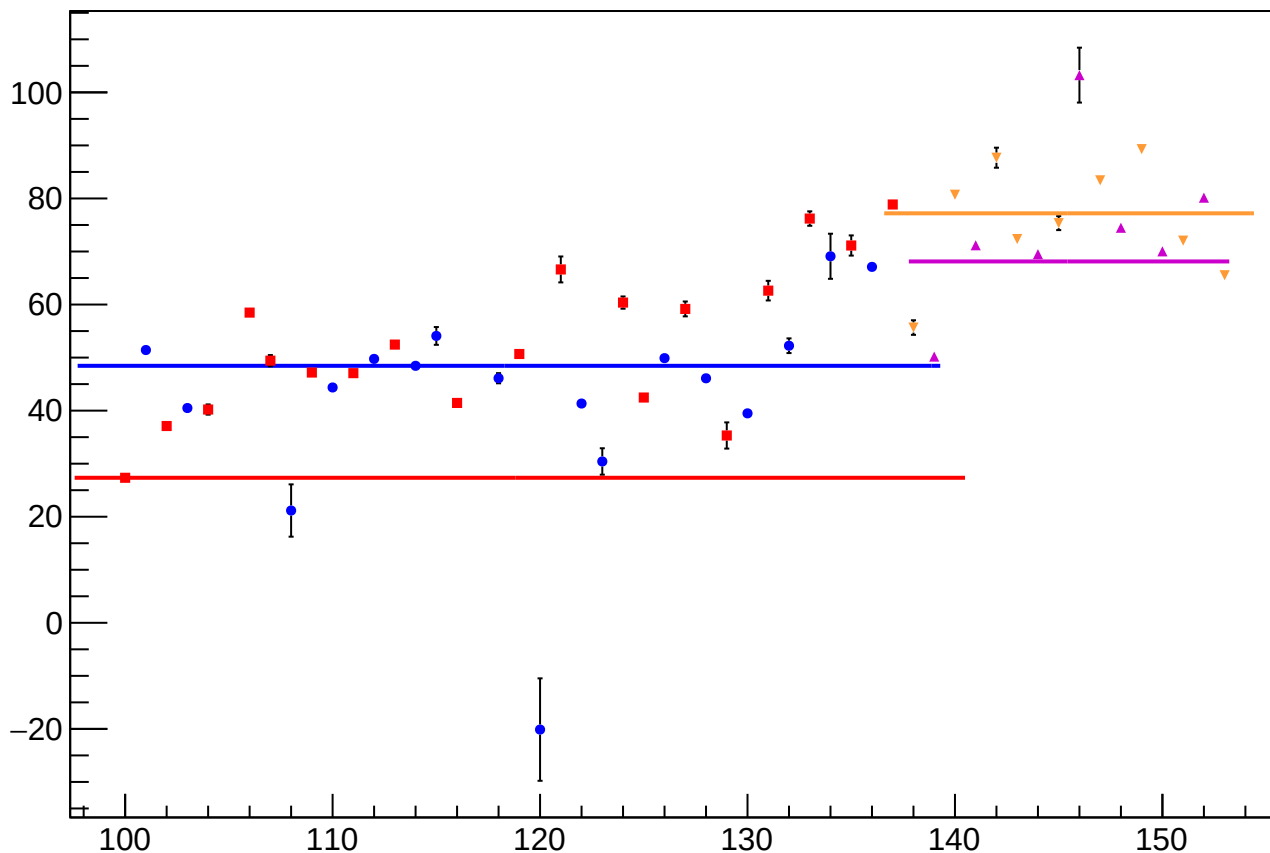
Left In: 116.878 ± 0.018 χ^2/NDF : 37612.2/6

+ sign 112.376 ± 0.013 χ^2/NDF : 3326371.8/25

All: 27.798 ± 0.000 χ^2/NDF : 78636571.0/51

- sign 27.798 ± 0.000 χ^2/NDF : 35107865.6/25

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 77.198+/-0.271 χ^2/NDF : 999.4/8

Right Out: 27.342+/-0.000 χ^2/NDF : 25810.4/18

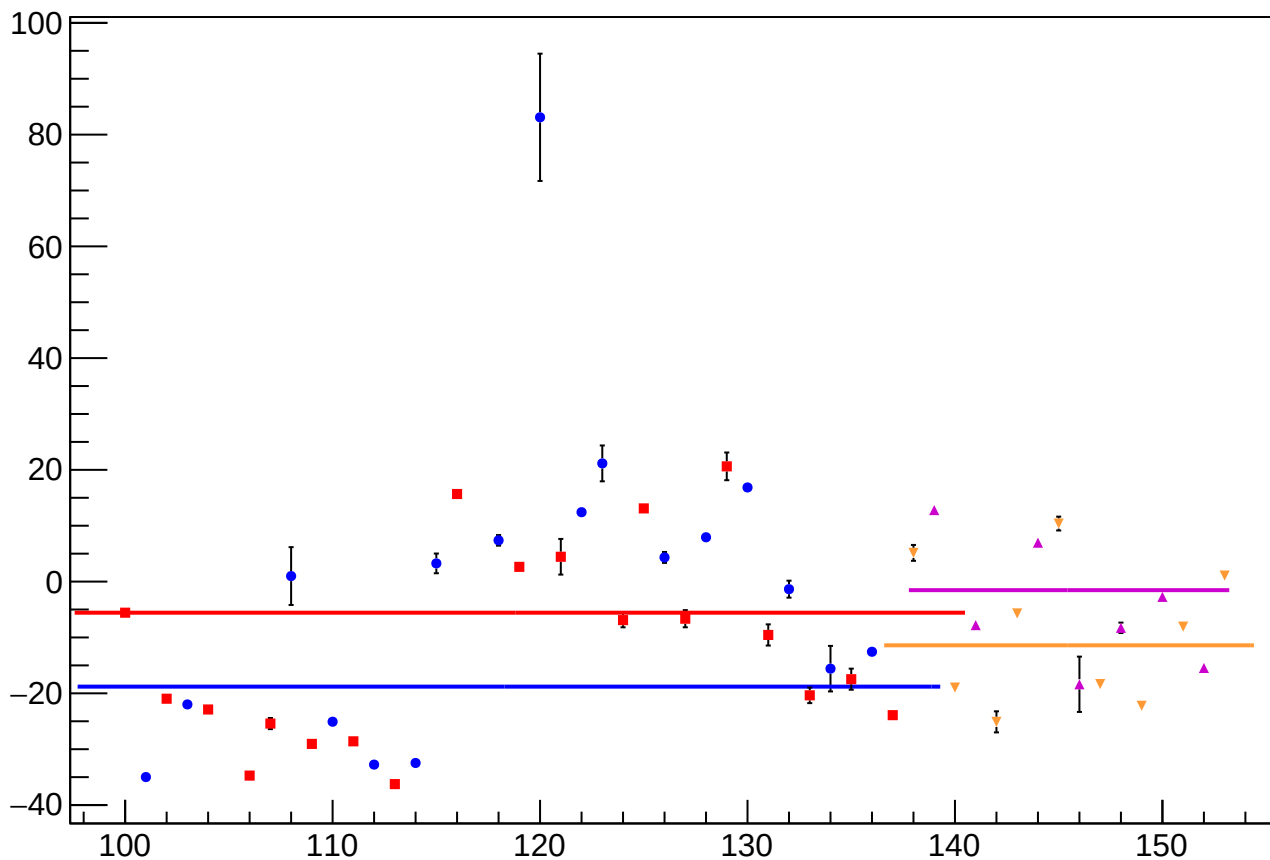
Left In: 68.125+/-0.224 χ^2/NDF : 1831.7/6

+ sign 48.450+/-0.000 χ^2/NDF : 14990.6/25

All: 28.365+/-0.000 χ^2/NDF : 102629010488

- sign 27.342+/-0.000 χ^2/NDF : 60700.1/25

dit_sam6_4eX_slope vs Slug



Right In: -18.800±/0.148 χ^2/NDF : 11764.7/16

Left Out: -11.406±/0.267 χ^2/NDF : 1278.5/8

Right Out: -5.568±/0.000 χ^2/NDF : 23097.3/18

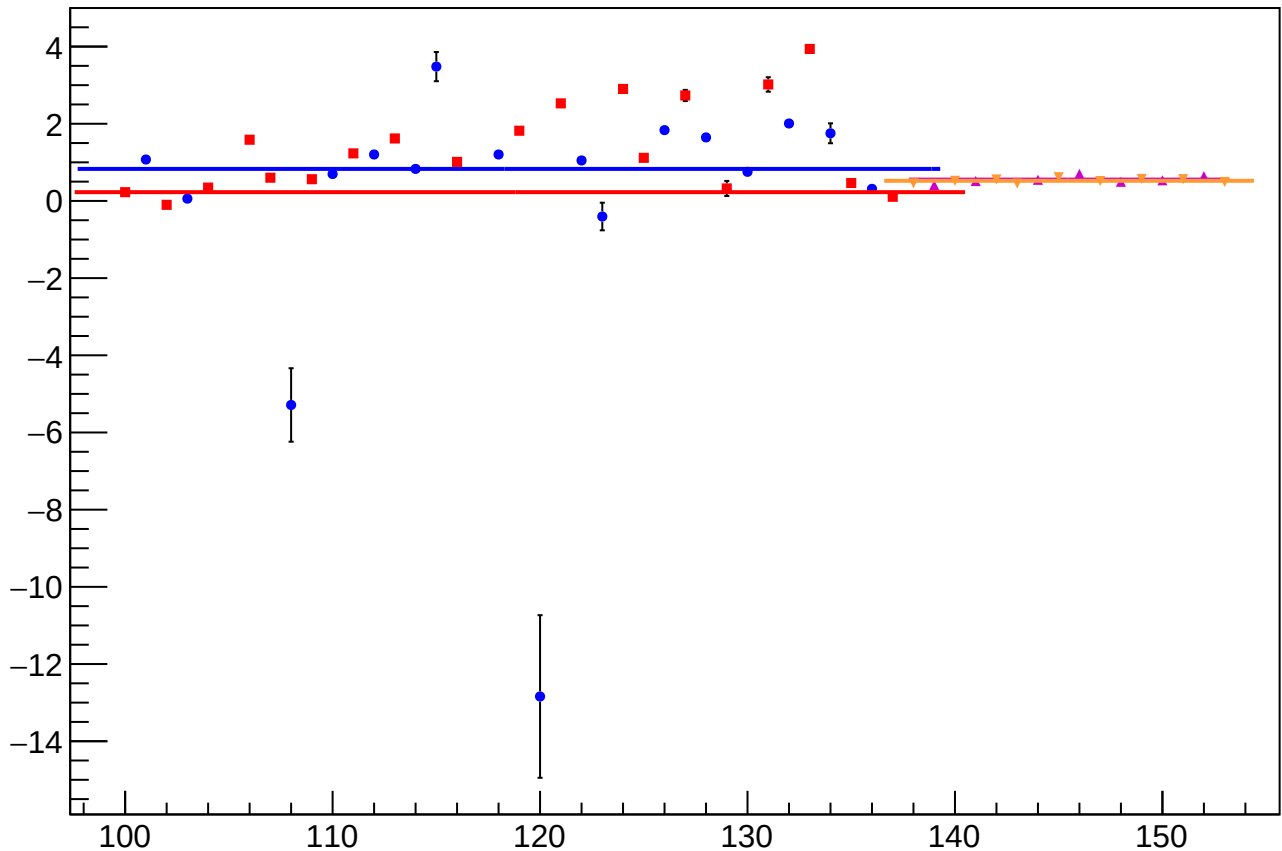
Left In: -1.533±/0.220 χ^2/NDF : 1762.2/6

+ sign -17.057±/0.130 χ^2/NDF : 13627.9/25

All: -5.568±/0.000 χ^2/NDF : 46661.7/51

- sign -5.568±/0.000 χ^2/NDF : 25195.1/25

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF : 14882.7/16

Left Out: 0.522+/-0.002 χ^2/NDF : 654.6/8

Right Out: 0.227+/-0.000 χ^2/NDF : 11819.9/18

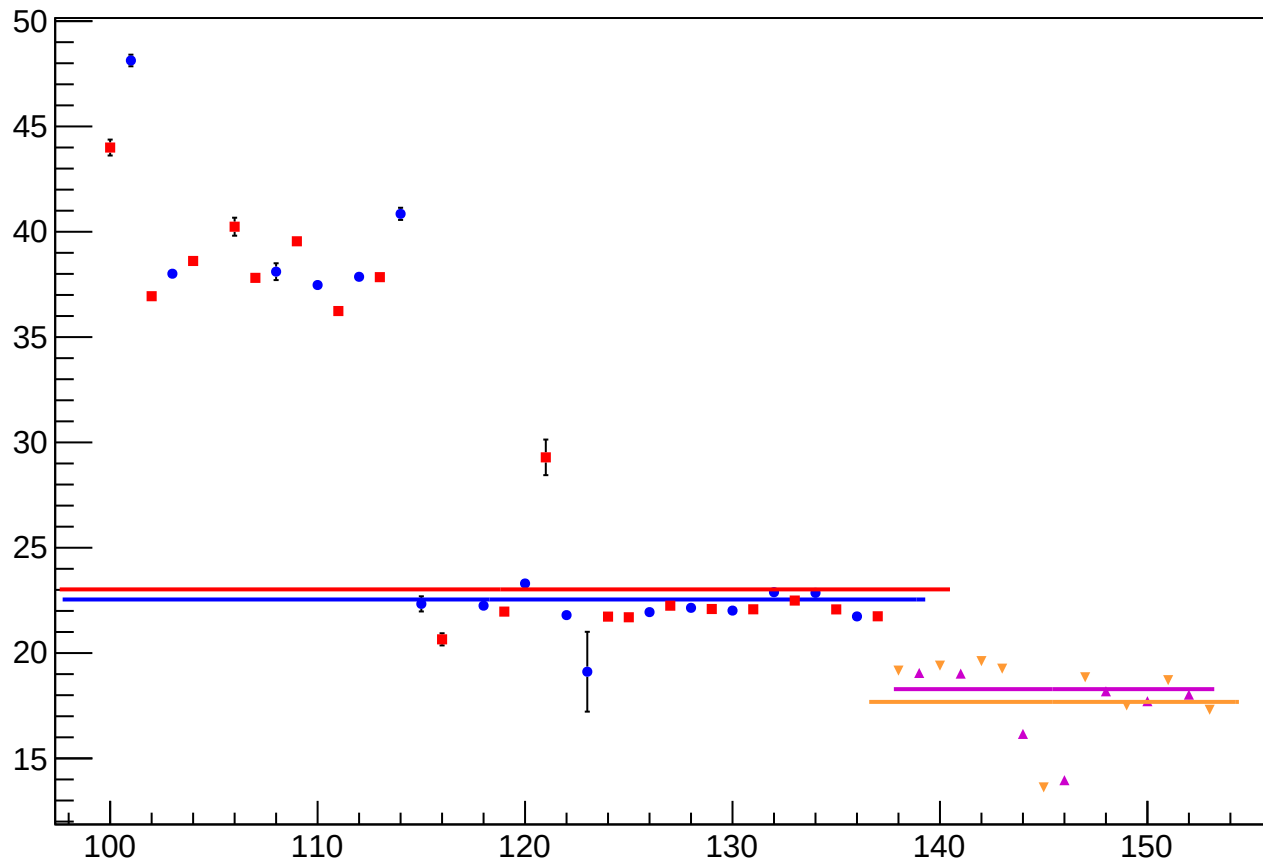
Left In: 0.553+/-0.002 χ^2/NDF : 1737.8/6

+ sign 0.830+/-0.000 χ^2/NDF : 45666.1/25

All: 0.289+/-0.000 χ^2/NDF : 29066082561457

- sign 0.227+/-0.000 χ^2/NDF : 50177.8/25

dit_sam6_4aY_slope vs Slug



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 17.682 $\pm$ 0.008 χ^2 /NDF: 69114.2/8

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

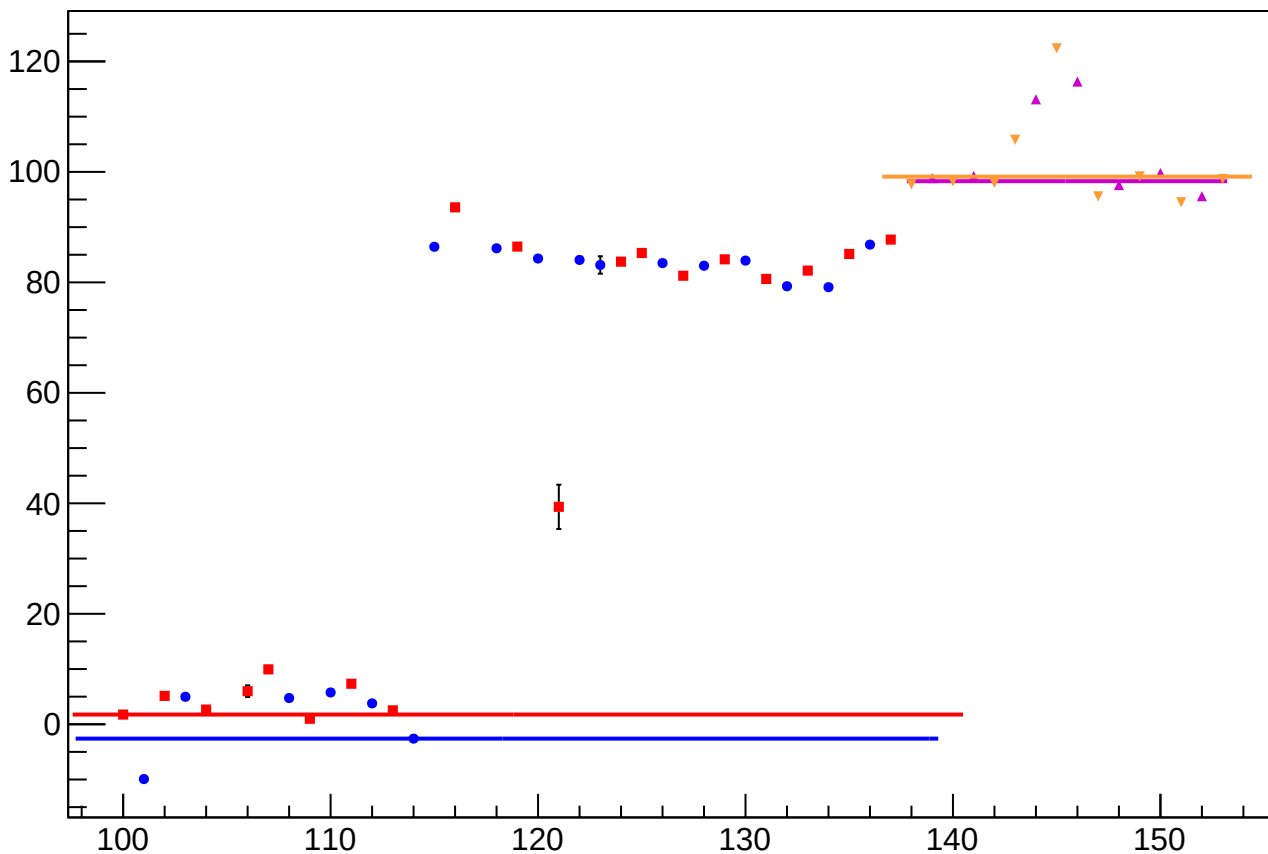
Left In: 18.287 $\pm$ 0.011 χ^2 /NDF: 8322.9/6

+ sign 19.831 $\pm$ 0.006 χ^2 /NDF: 326634.7/25

All: 20.401 $\pm$ 0.005 χ^2 /NDF: 629565.8/51

- sign 21.131 $\pm$ 0.007 χ^2 /NDF: 283625.4/25

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.142+/-0.016 χ^2/NDF : 67751.8/8

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

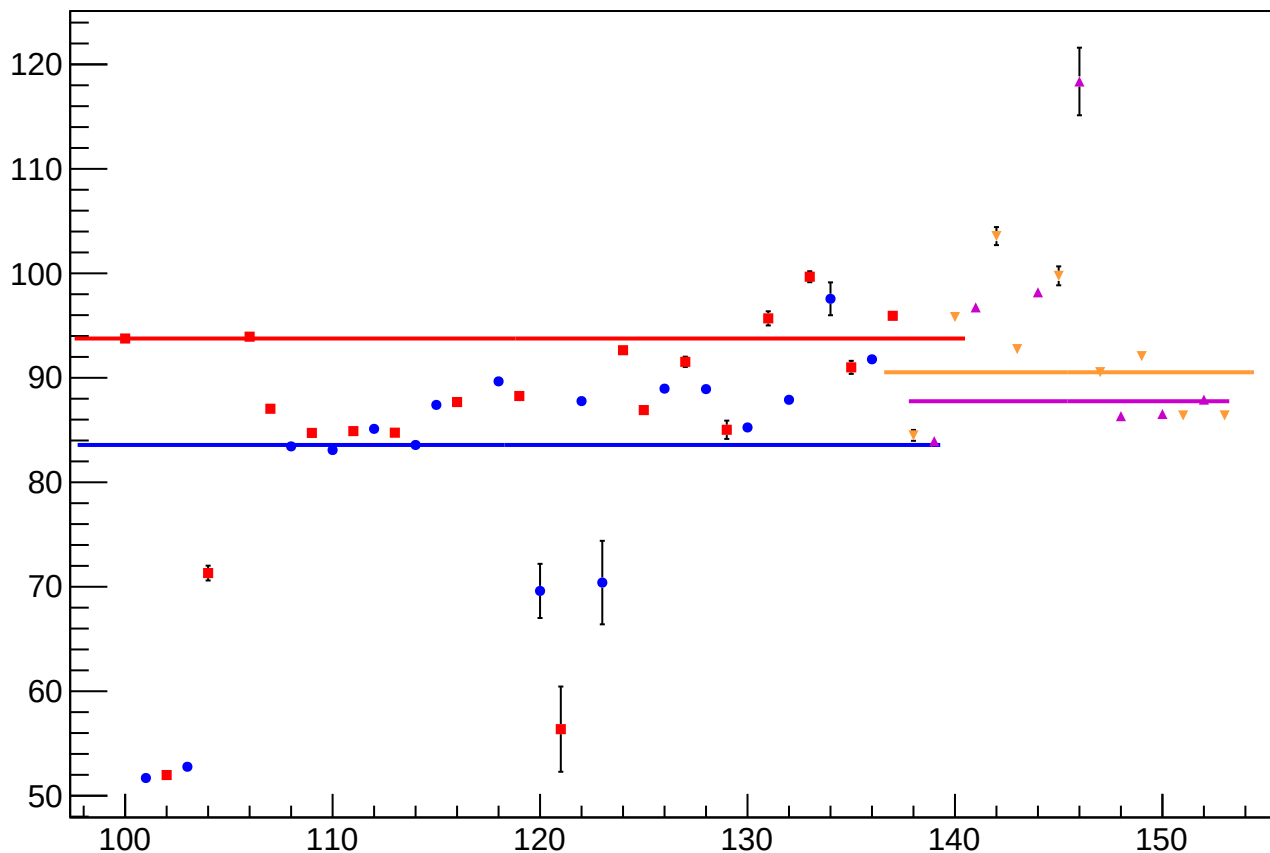
Left In: 98.320+/-0.018 χ^2/NDF : 15523.0/6

+ sign -2.596+/-0.000 χ^2/NDF : 49277759.0/25

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

- sign 1.758+/-0.000 χ^2/NDF : 34394096.5/25

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 90.531+/-0.108 χ^2/NDF : 1356.0/8

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

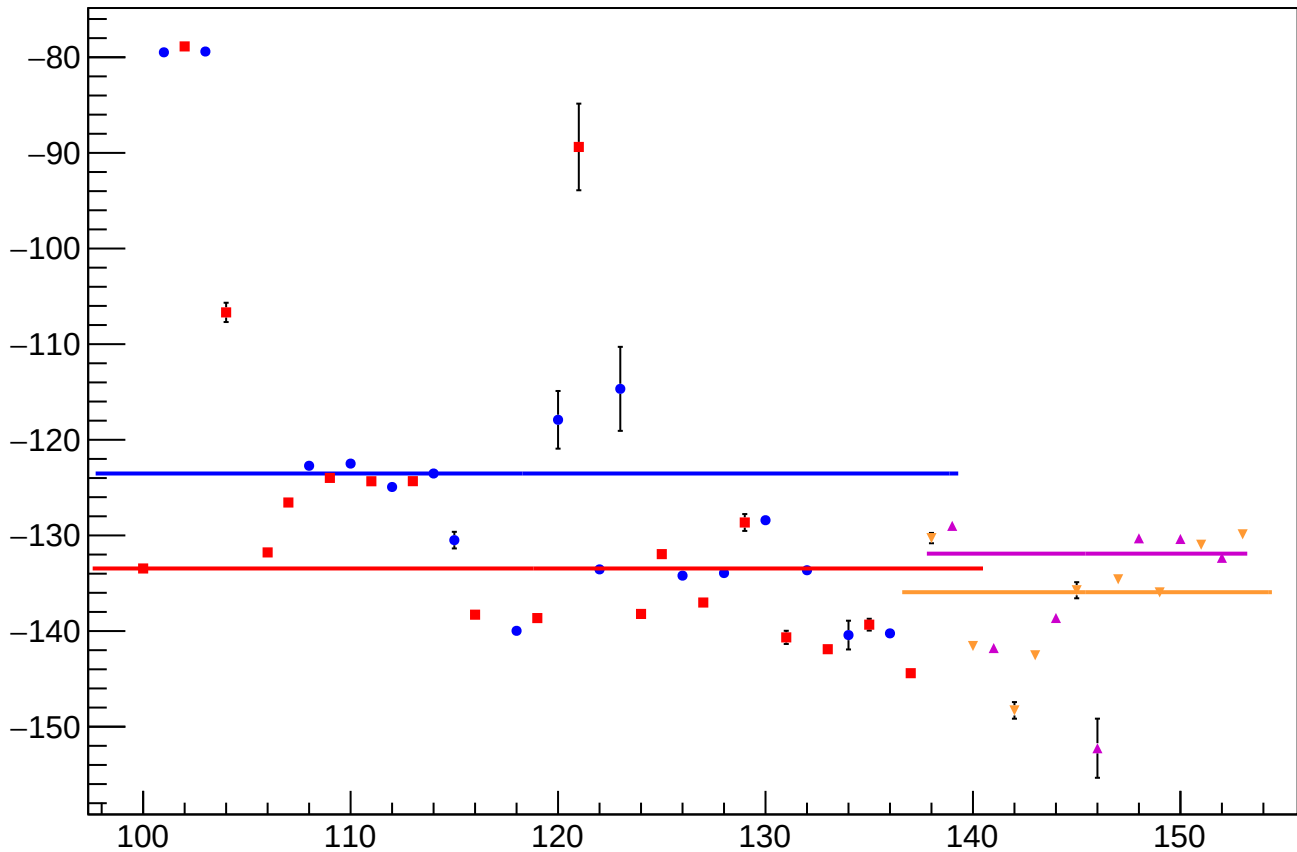
Left In: 87.759+/-0.089 χ^2/NDF : 2252.7/6

+ sign 83.573+/-0.000 χ^2/NDF : 54993.3/25

All: 87.169+/-0.000 χ^2/NDF : 1995684404141

- sign 93.762+/-0.000 χ^2/NDF : 89671.1/25

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF : 160356.5/16

Left Out: -135.936+/-0.107 χ^2/NDF : 2211.0/8

Right Out: -133.456+/-0.000 χ^2/NDF : 394896.3/18

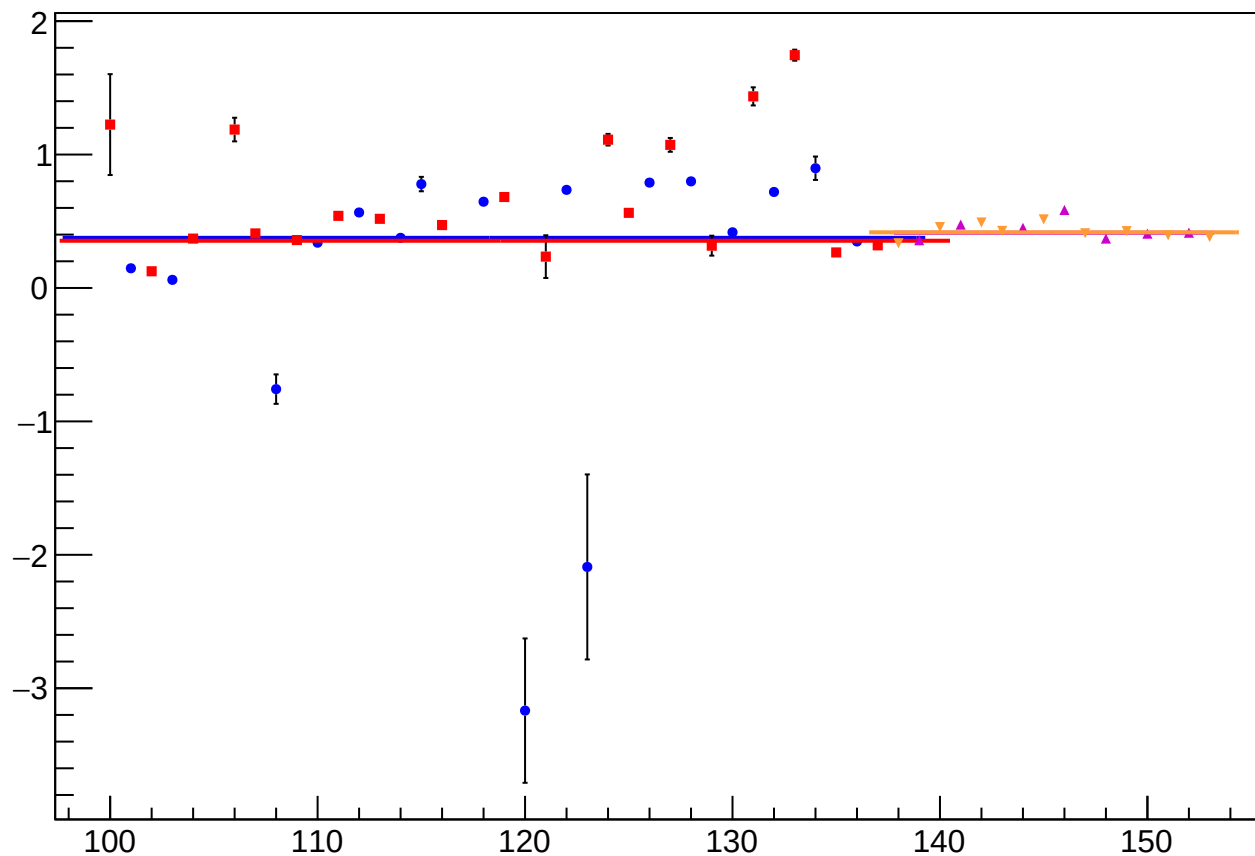
Left In: -131.905+/-0.086 χ^2/NDF : 1898.6/6

+ sign -123.524+/-0.000 χ^2/NDF : 175923.0/25

All: -124.716+/-0.000 χ^2/NDF : 64467869901

- sign -133.456+/-0.000 χ^2/NDF : 397117.4/25

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.417 $\pm$ 0.001 χ^2 /NDF: 984.4/8

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

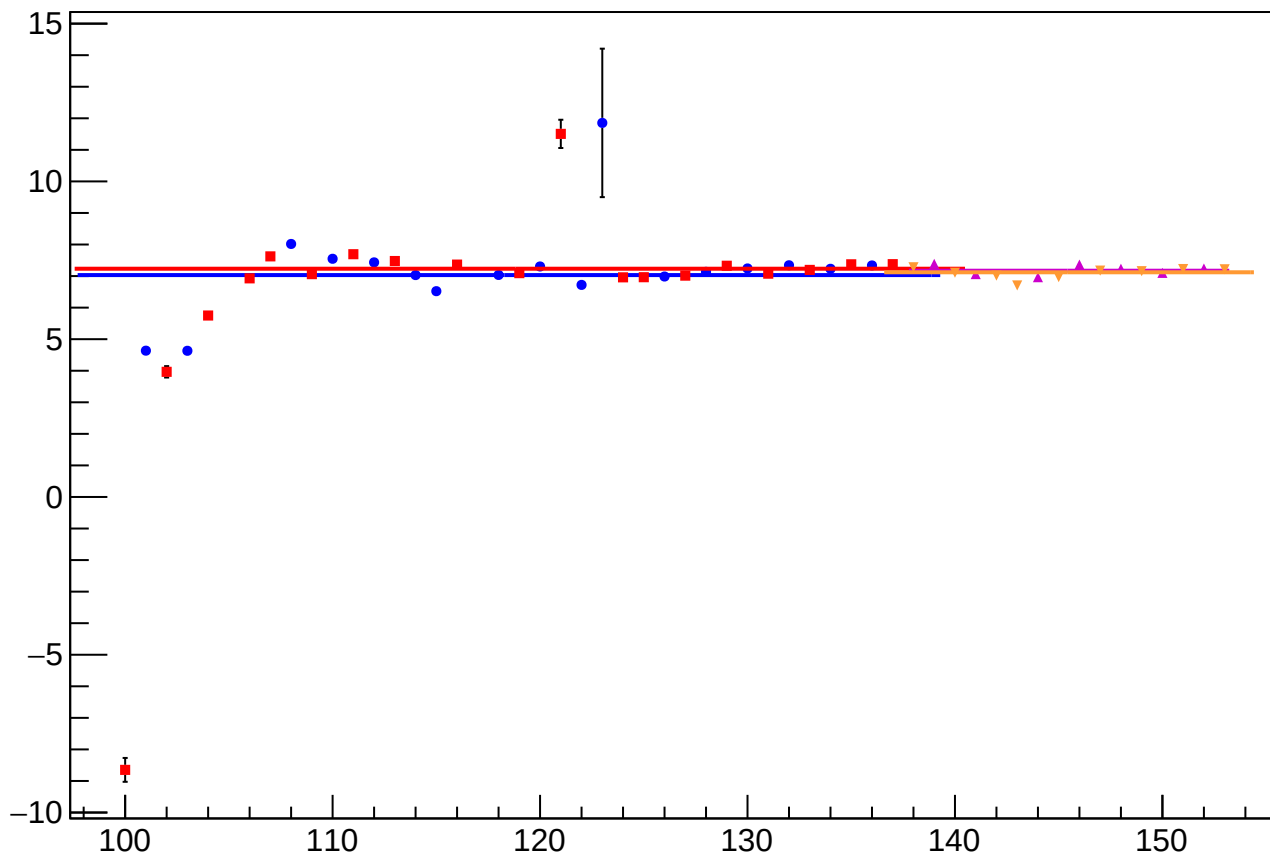
Left In: 0.414 $\pm$ 0.001 χ^2 /NDF: 2851.6/6

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 7539.4/25

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 17684.3/51

- sign 0.402 $\pm$ 0.001 χ^2 /NDF: 8699.2/25

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.120 $\pm$ 0.001 χ^2 /NDF: 14118.1/8

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

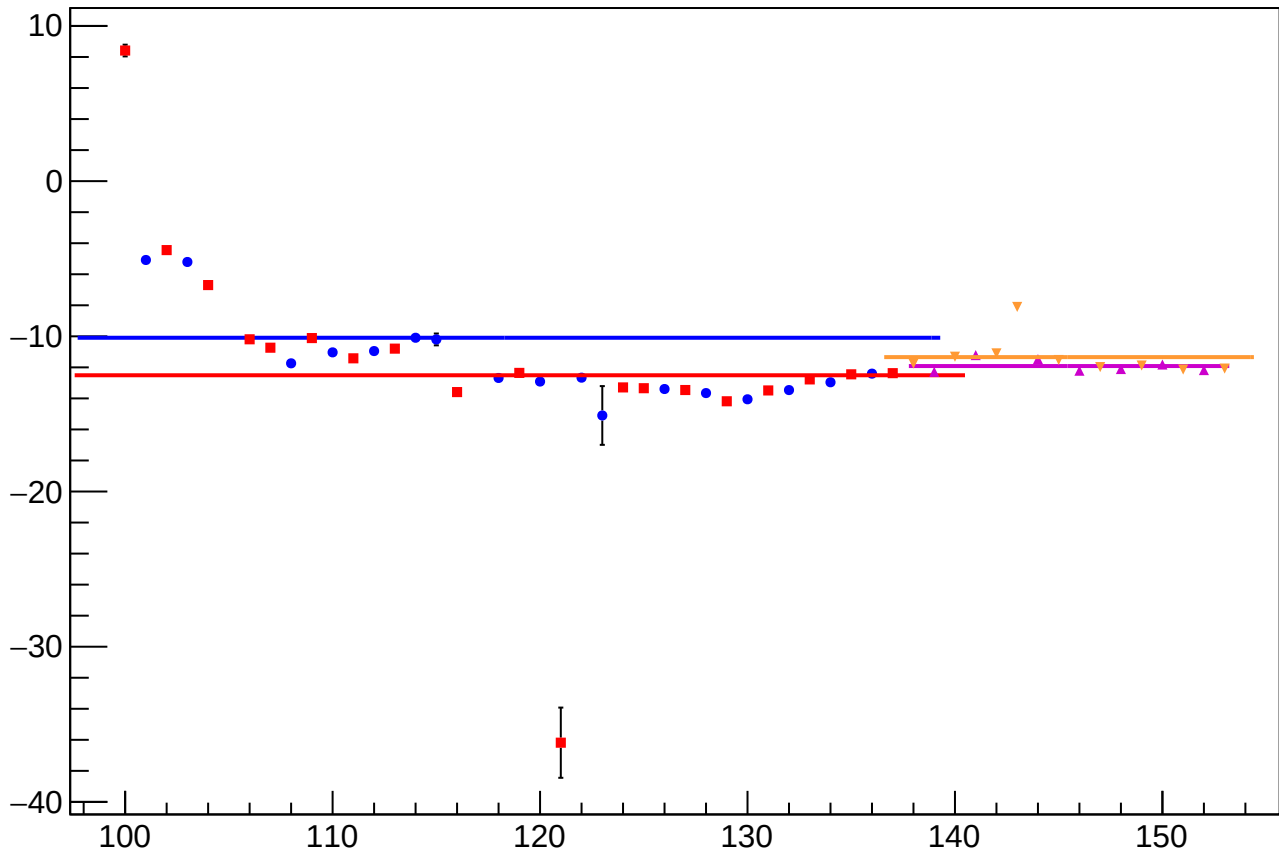
Left In: 7.170 $\pm$ 0.001 χ^2 /NDF: 7311.2/6

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 38169.0/25

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 71272.7/51

- sign 7.188 $\pm$ 0.001 χ^2 /NDF: 17879.8/25

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.340 ± 0.002 χ^2/NDF : 356229.8/8

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

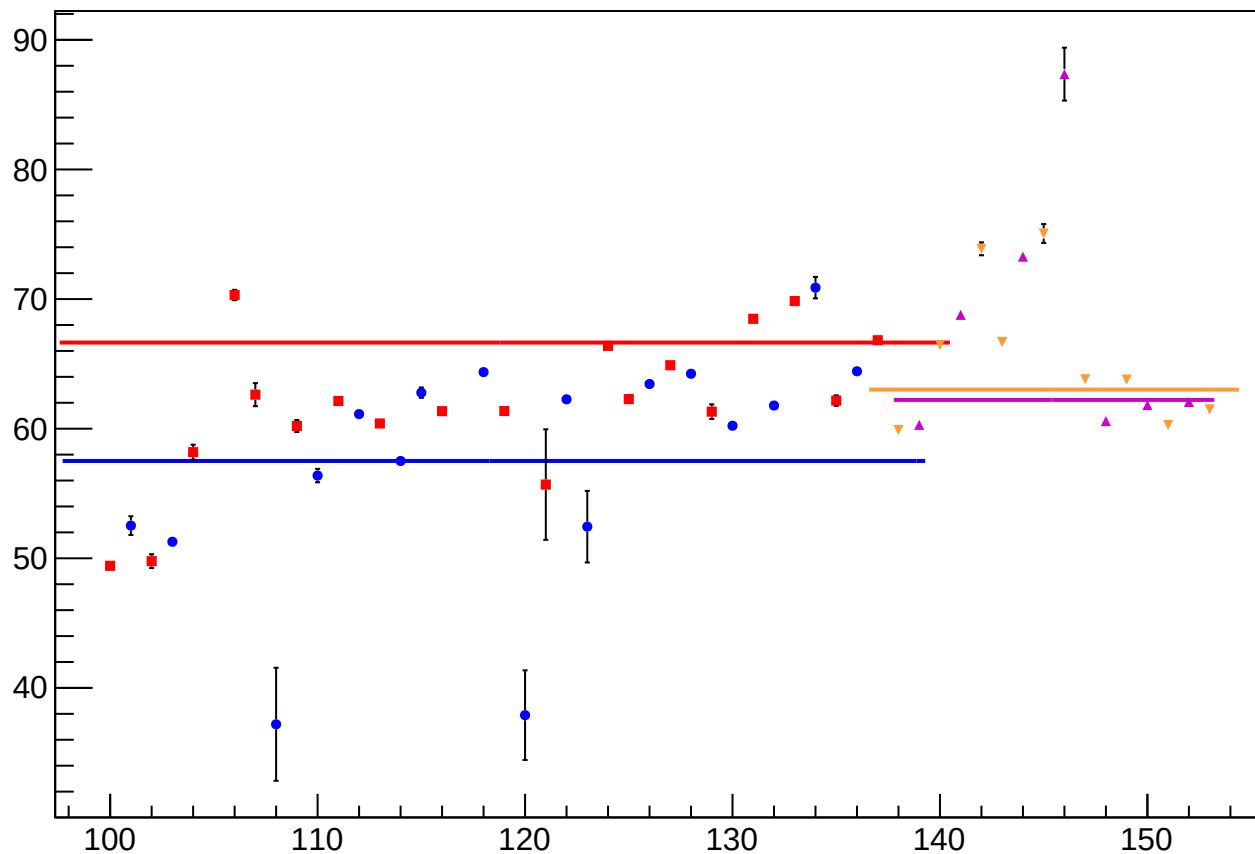
Left In: -11.915 ± 0.003 χ^2/NDF : 9564.7/6

+ sign -10.092 ± 0.000 χ^2/NDF : 1162091.7/25

All: -10.092 ± 0.000 χ^2/NDF : 2010025.0/51

- sign -12.167 ± 0.002 χ^2/NDF : 127481.5/25

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 63.015 $\pm$ 0.063 χ^2 /NDF:2293.3/8

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

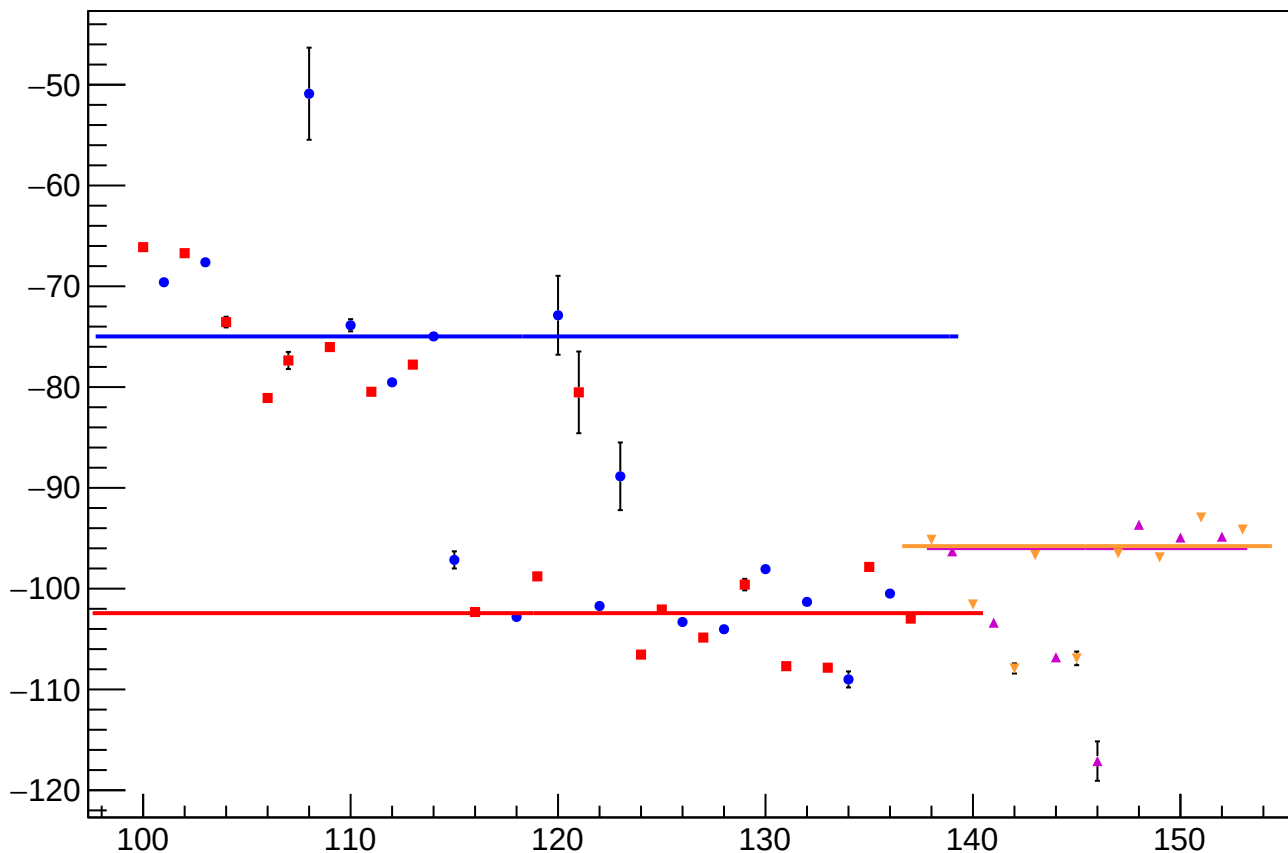
Left In: 62.222 $\pm$ 0.055 χ^2 /NDF:2551.2/6

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 17958.1/25

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 524150.0/51

- sign 66.409 $\pm$ 0.013 χ^2 /NDF: 16812.9/25

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -95.782 ± 0.064 $\chi^2/\text{NDF}: 2298.5/8$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

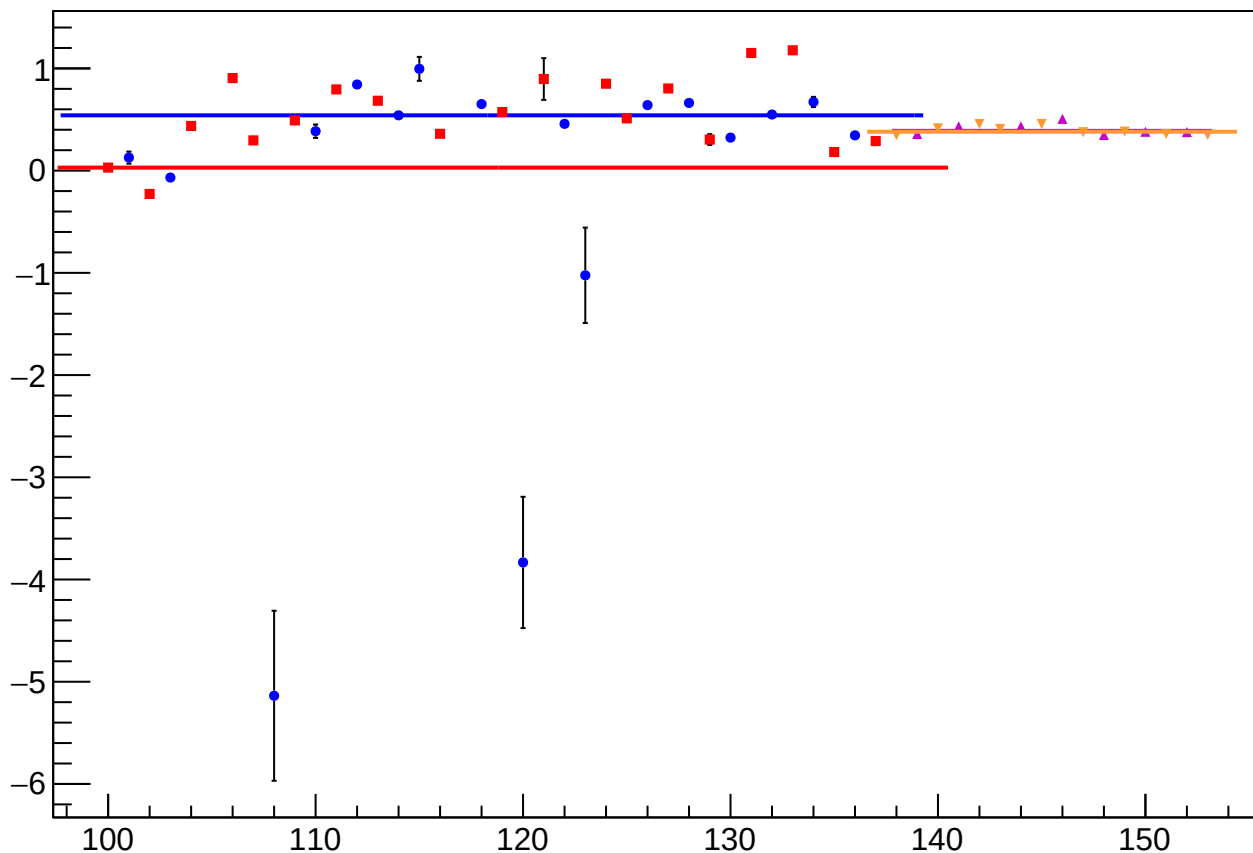
Left In: -95.976 ± 0.057 $\chi^2/\text{NDF}: 2880.5/6$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 237715.5/25$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2802849.5/51$

- sign -101.854 ± 0.017 $\chi^2/\text{NDF}: 64979.6/25$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.380 $\pm$ 0.001 χ^2 /NDF:1312.3/8

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

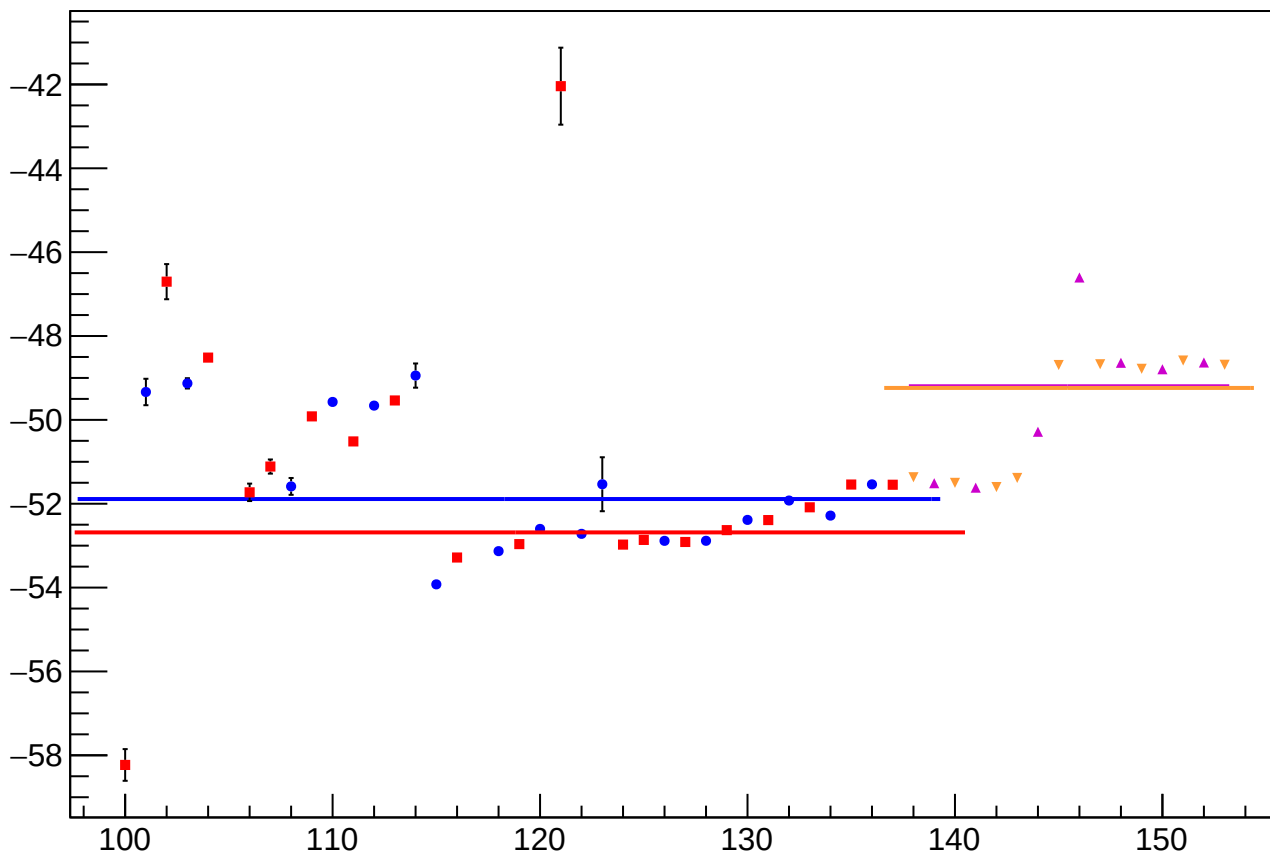
Left In: 0.389 $\pm$ 0.001 χ^2 /NDF:2379.6/6

+ sign 0.541 $\pm$ 0.000 χ^2 /NDF: 97176.0/25

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963

- sign 0.030 $\pm$ 0.000 χ^2 /NDF: 536998.6/25

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 $\chi^2/\text{NDF}: 77585.2/16$

Left Out: -49.238 ± 0.002 $\chi^2/\text{NDF}: 312680.5/8$

Right Out: -52.684 ± 0.003 $\chi^2/\text{NDF}: 56125.8/18$

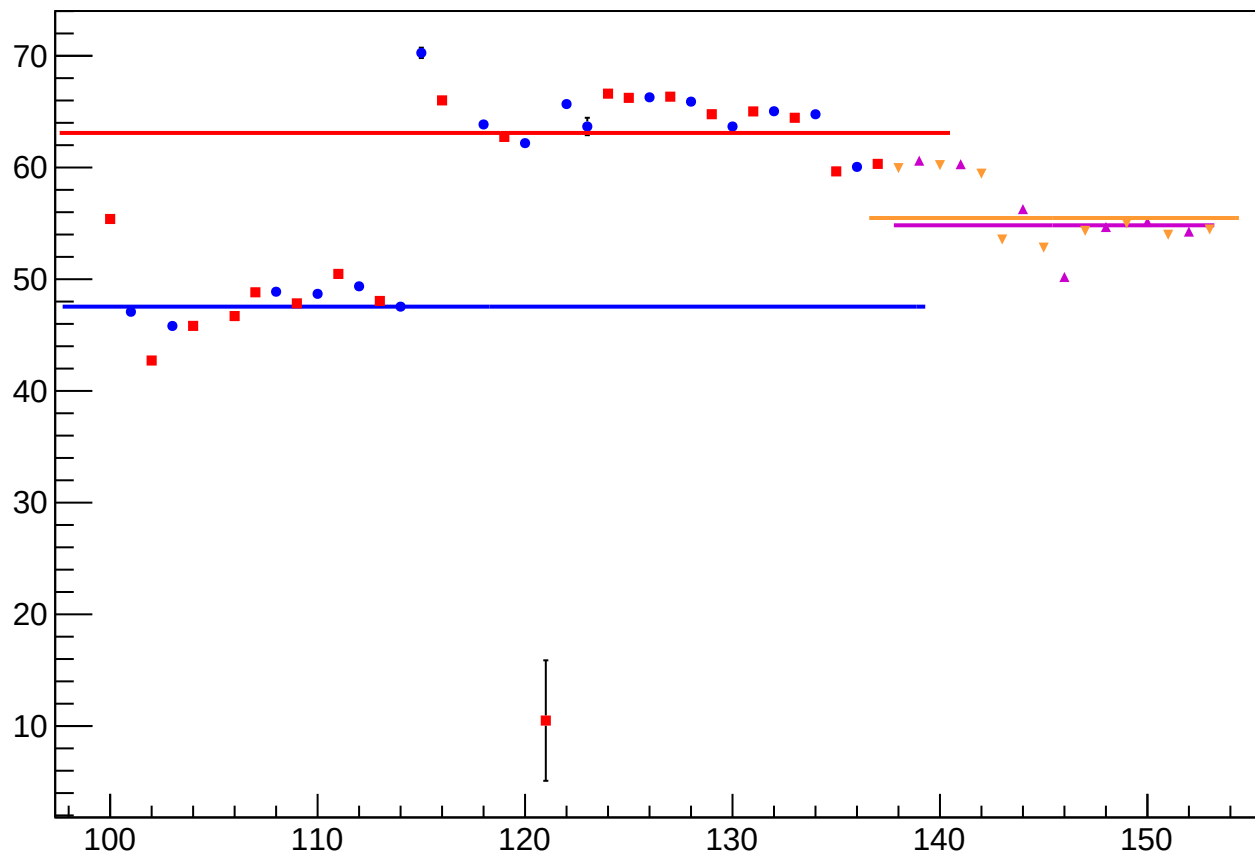
Left In: -49.198 ± 0.002 $\chi^2/\text{NDF}: 470480.4/6$

+ sign -50.379 ± 0.001 $\chi^2/\text{NDF}: 1195666.7/25$

All: -50.290 ± 0.001 $\chi^2/\text{NDF}: 3044397.1/51$

- sign -50.212 ± 0.001 $\chi^2/\text{NDF}: 1841815.2/25$

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 55.481 $\pm$ 0.005 χ^2 /NDF:216045.3/8

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

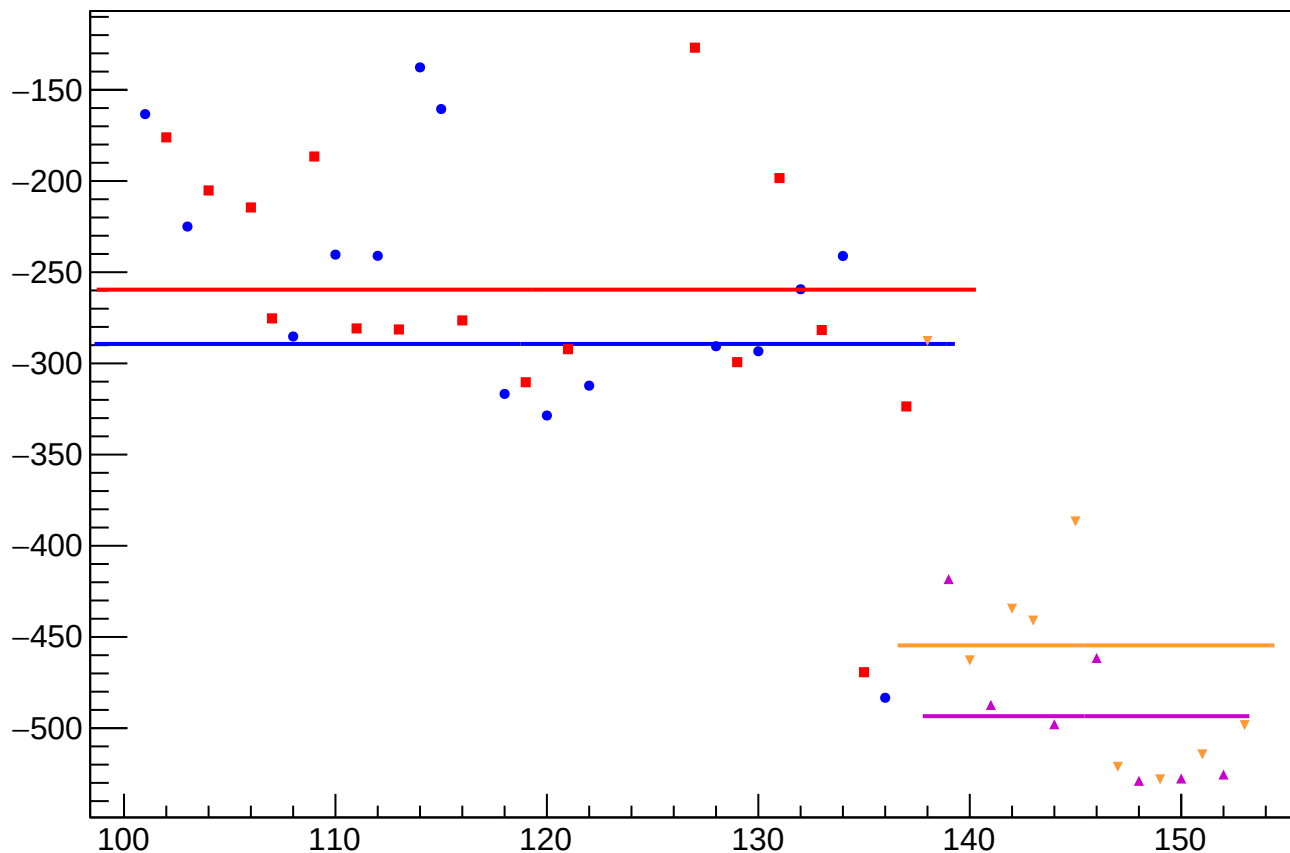
Left In: 54.827 $\pm$ 0.004 χ^2 /NDF:74259.2/6

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 6259101.2/25

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 14268026.9/51

- sign 56.687 $\pm$ 0.004 χ^2 /NDF: 1356550.2/25

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -454.618+/-0.000 χ^2/NDF : 3820083099758456706716812057117720576.0/8

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

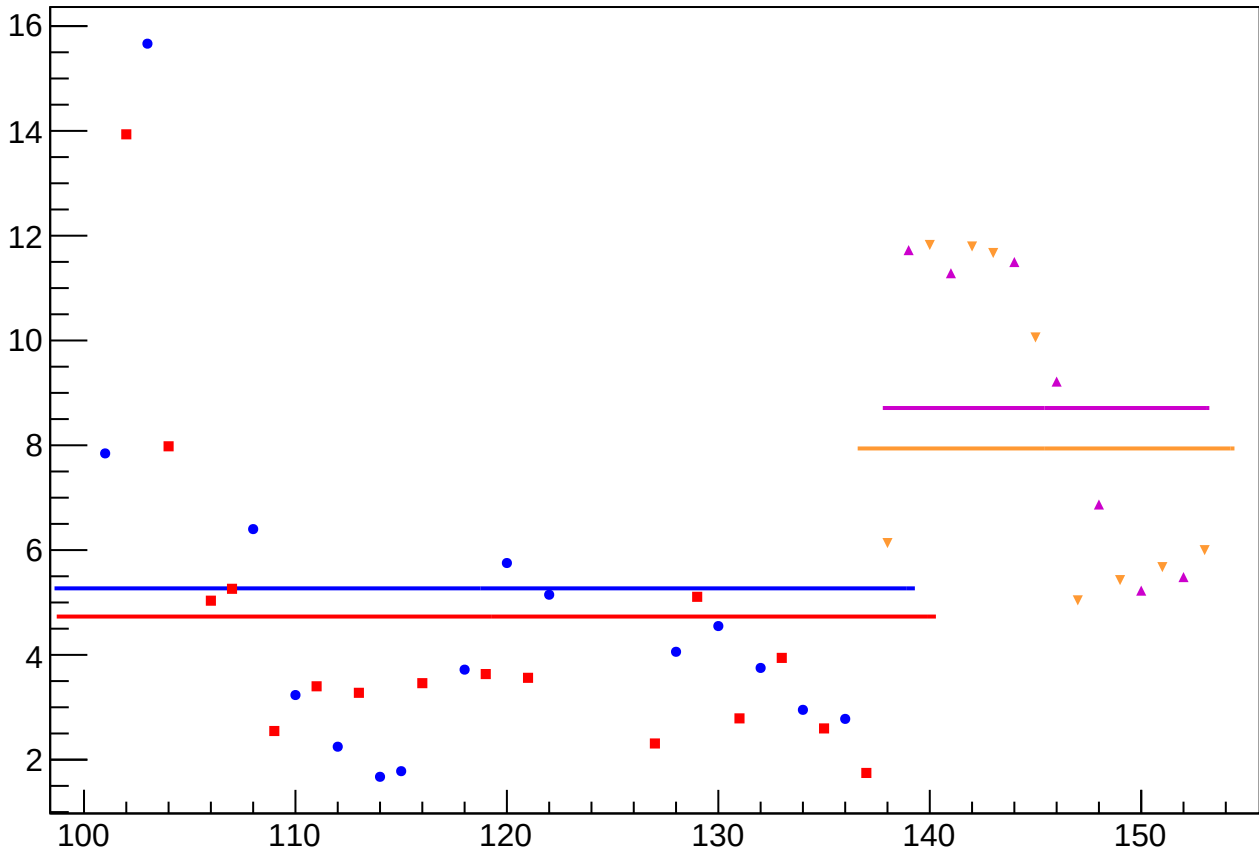
Left In: -493.425+/-0.000 χ^2/NDF : 848263418681921501466616446746361856.0/6

+ sign -373.776+/-0.000 χ^2/NDF : 18249744683903

All: -372.082+/-0.000 χ^2/NDF : 40681516808

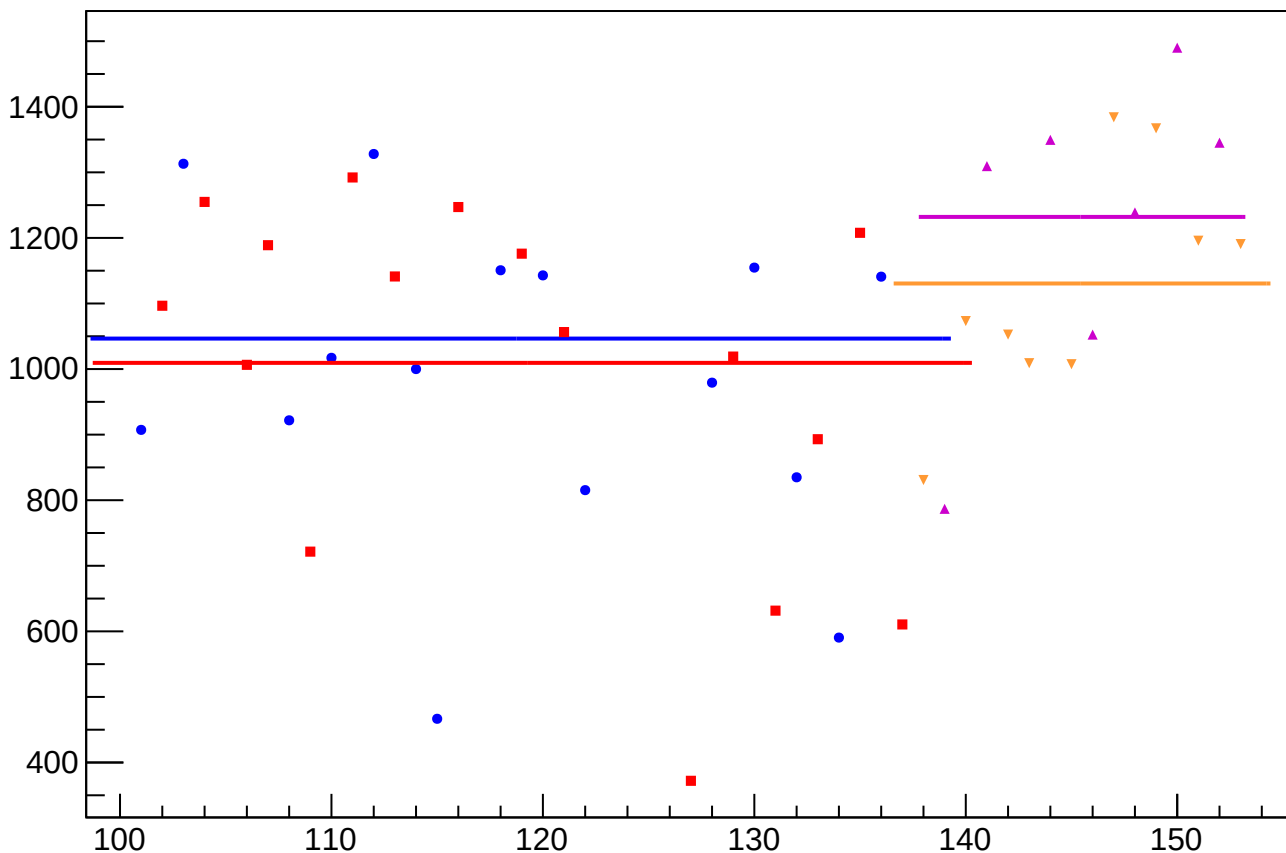
- sign -370.308+/-0.000 χ^2/NDF : 224239738419983

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14	+ sign 6.634+/-0.000	χ^2/NDF : 16444206080031510
Left Out: 7.939+/-0.000	χ^2/NDF : 5370982902214634408606015695093760.0/8	All: 6.625+/-0.000	χ^2/NDF : 32609833915963
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15	- sign 6.616+/-0.000	χ^2/NDF : 16165430843411584
Left In: 8.711+/-0.000	χ^2/NDF : 4305517411783421012997986400075776.0/6		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

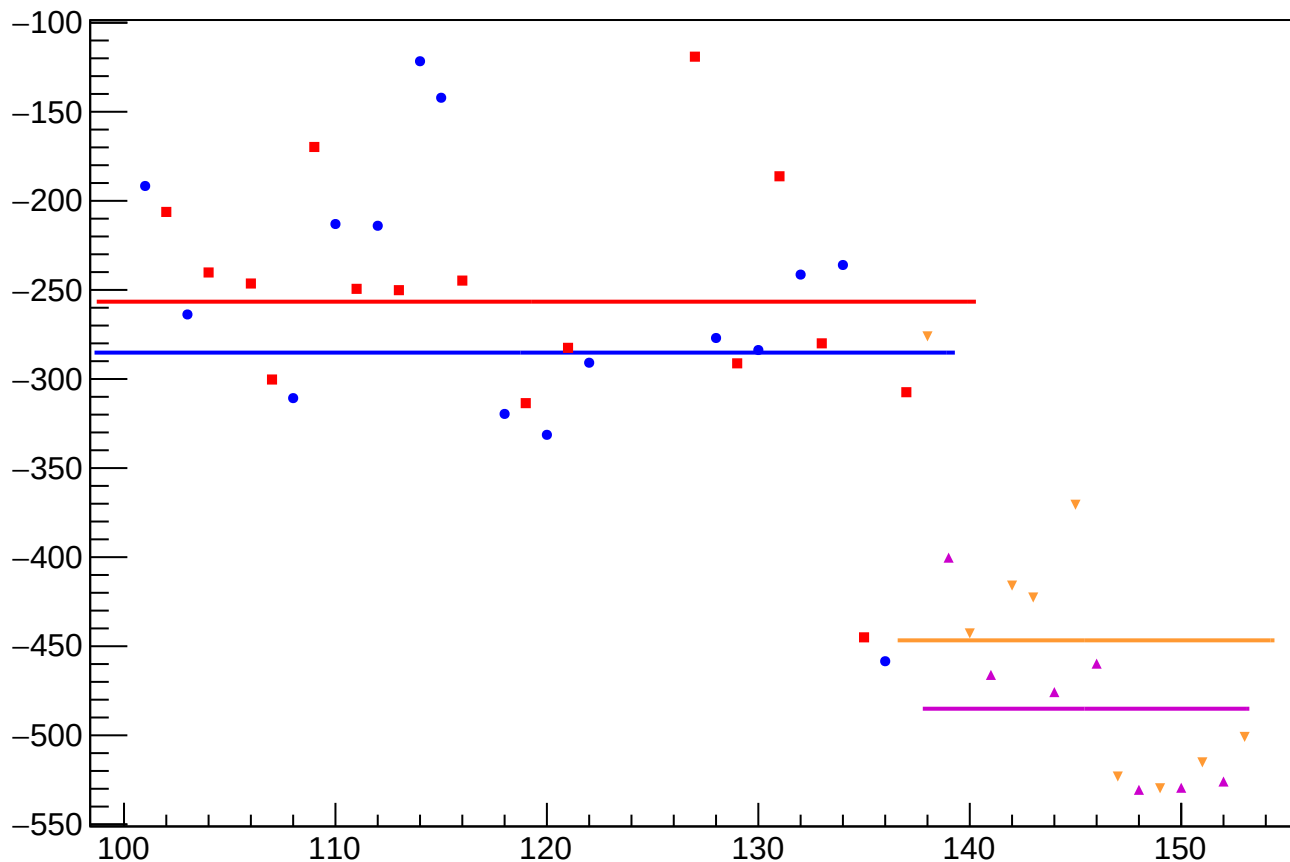
Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

+ sign 1089.409+/-0.000 χ^2/NDF : 47326972466085

All: 1101.837+/-0.000 χ^2/NDF : 13564161776

- sign 1114.854+/-0.000 χ^2/NDF : 87895006745157

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -446.692+/-0.000 χ^2/NDF : 4469158600254348137658935350558457856.0/8

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

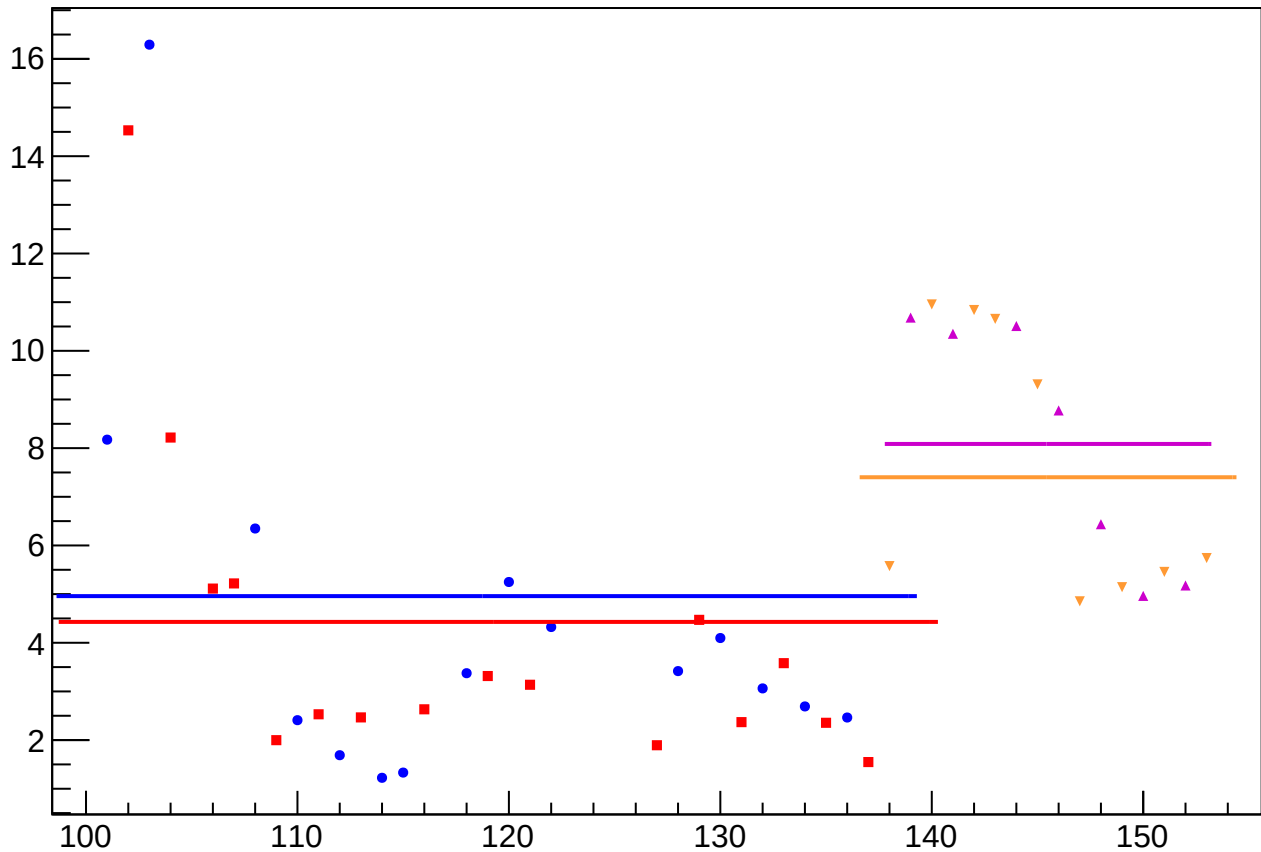
Left In: -485.071+/-0.000 χ^2/NDF : 1172262325387306974703768679393263616.0/6

+ sign -367.704+/-0.000 χ^2/NDF : 17598003631811

All: -366.283+/-0.000 χ^2/NDF : 38911927048

- sign -364.794+/-0.000 χ^2/NDF : 213084341453603

dit_4eX_coil1_err_mean vs Slug



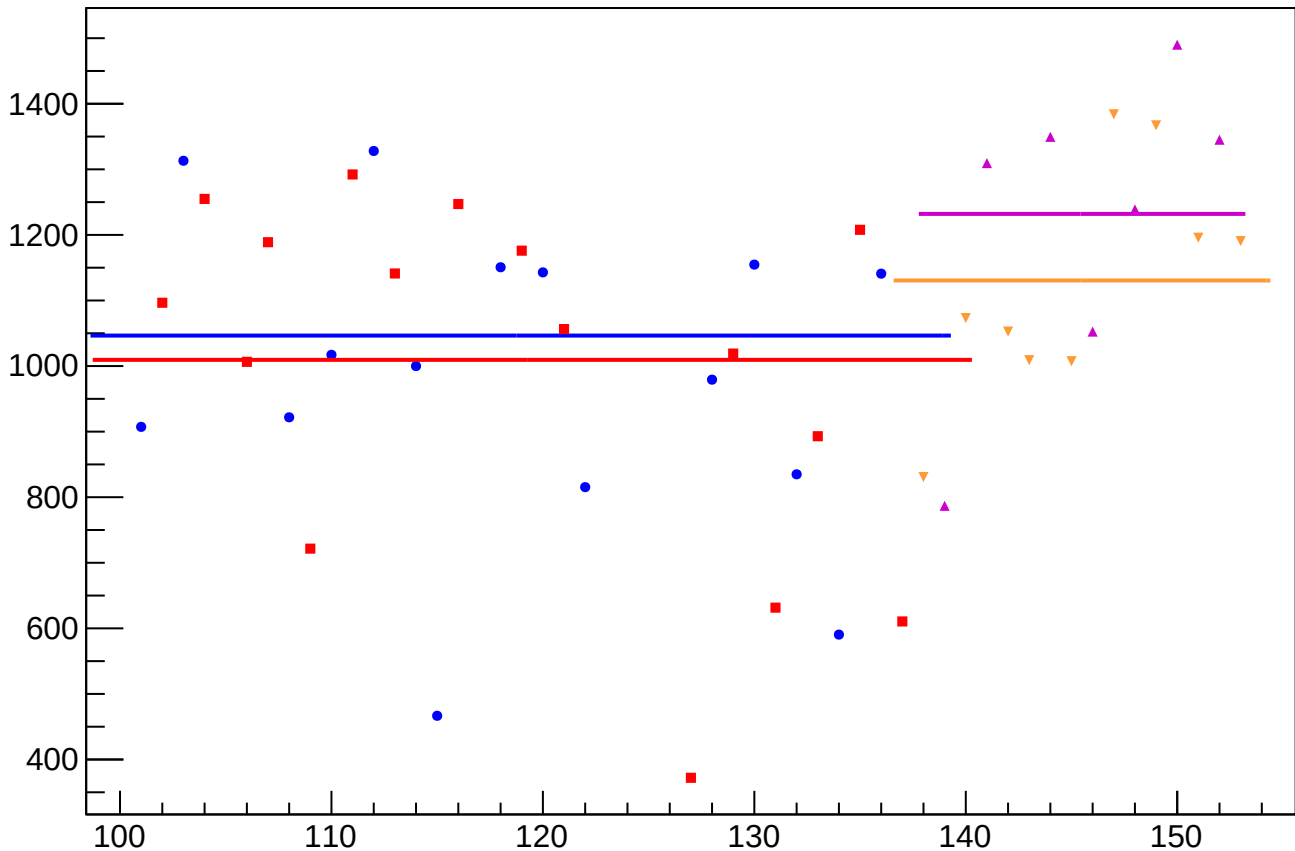
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 7.402+/-0.000 χ^2/NDF : 4304215554772747114764111496347648.0/8

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 8.086+/-0.000 χ^2/NDF : 3396442059738156999511820652773376.0/6

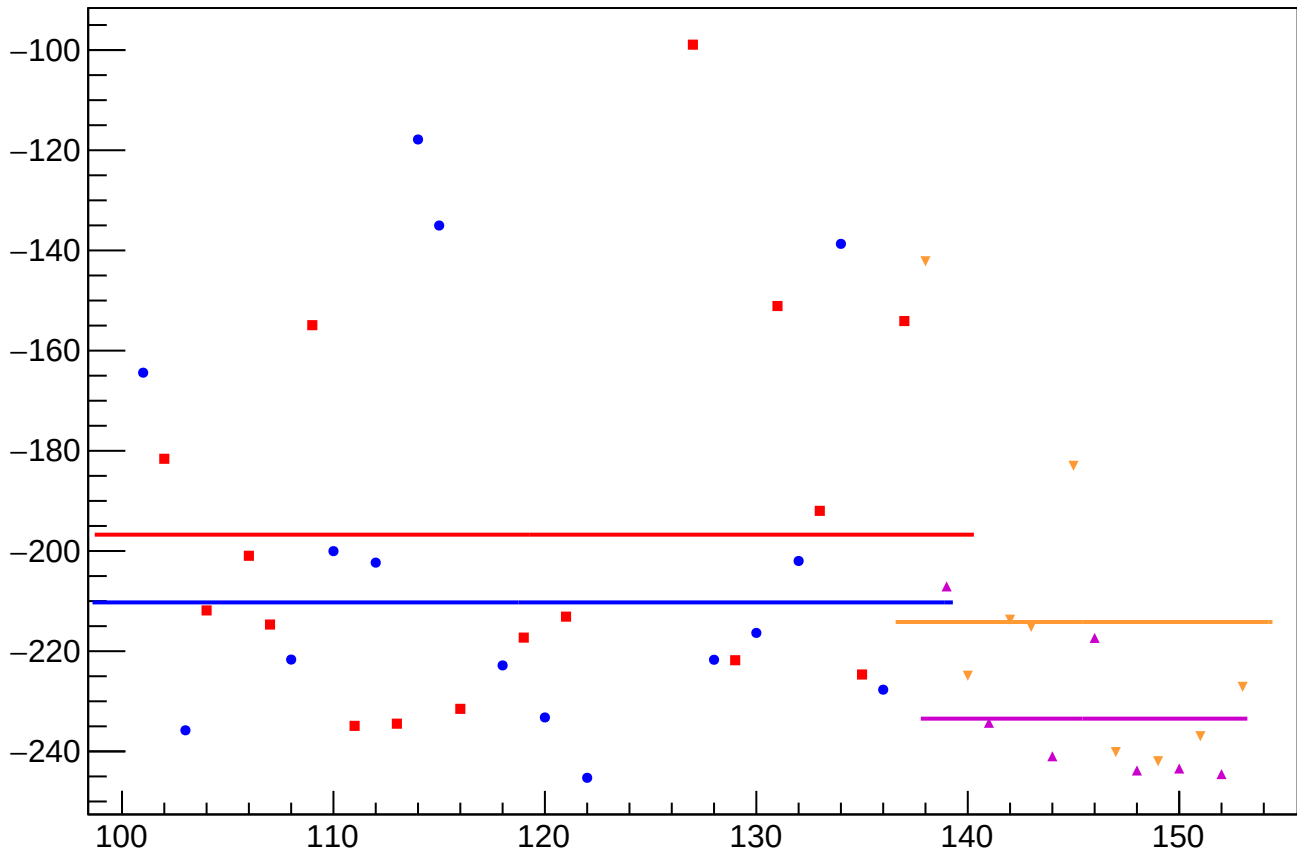
dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14
Left Out: 1130.493+/-0.000	χ^2/NDF : 20120490540226280517278959515063025664.0/8
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15
Left In: 1232.033+/-0.000	χ^2/NDF : 27642589162015186881949234538999709696.0/6

+ sign 1089.409+/-0.000 χ^2/NDF : 47326972466085
 All: 1101.837+/-0.000 χ^2/NDF : 13564161776
 - sign 1114.854+/-0.000 χ^2/NDF : 87895006745157

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -214.167+/-0.000 χ^2/NDF : 664441194372774872097203290606927872.0/8

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

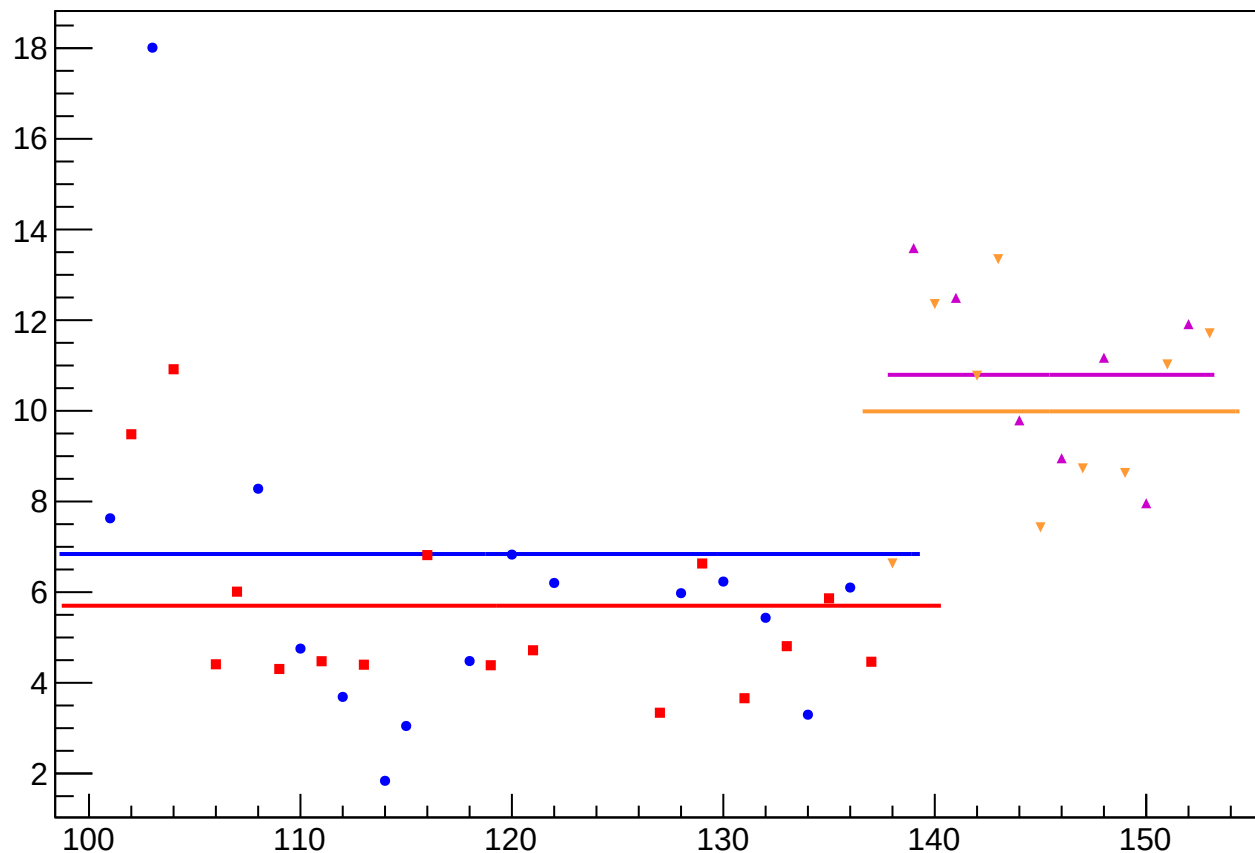
Left In: -233.464+/-0.000 χ^2/NDF : 111753815774076909822344129272610816.0/6

+ sign -212.257+/-0.000 χ^2/NDF : 12372102222478

All: -213.171+/-0.000 χ^2/NDF : 26869039508

- sign -214.129+/-0.000 χ^2/NDF : 144742157174782

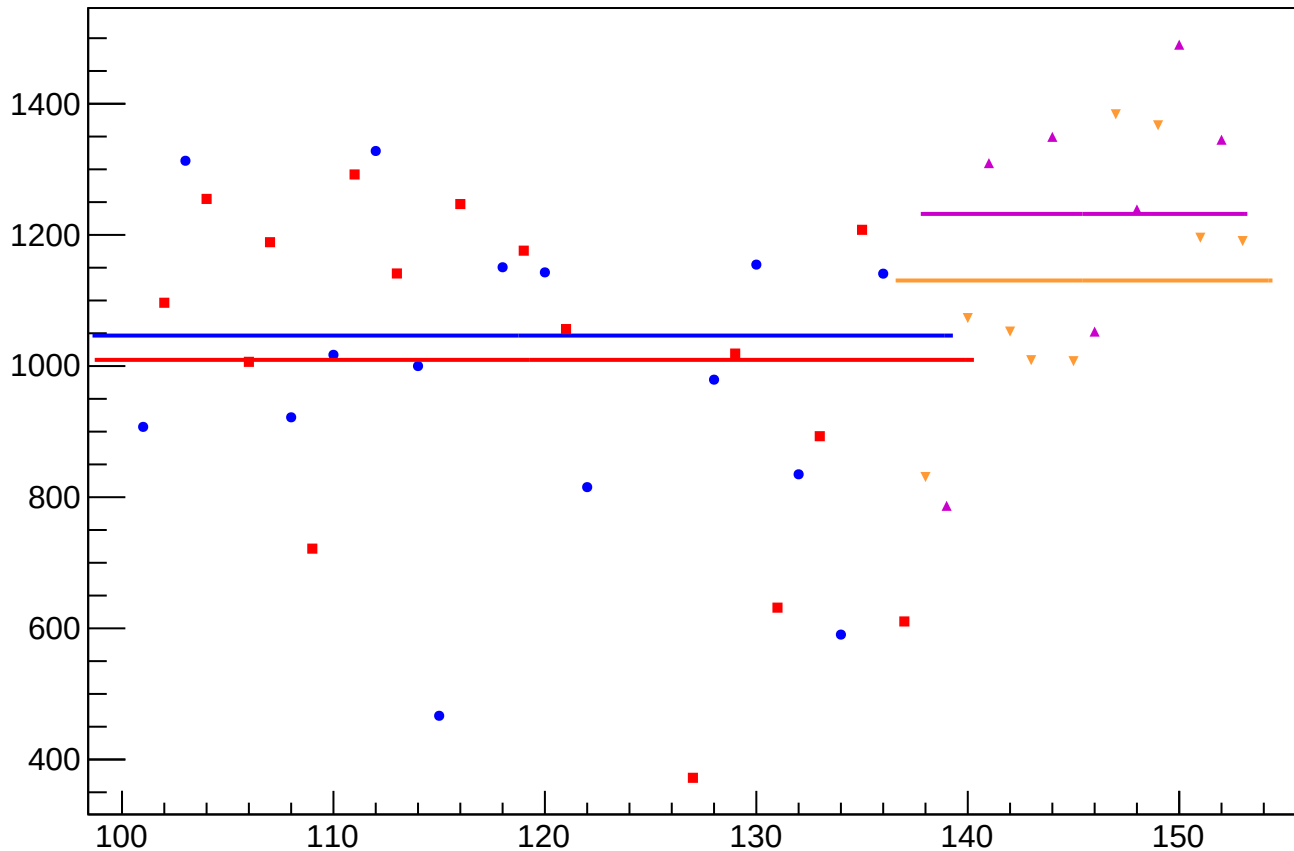
dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000	χ^2/NDF : 9355934166823324467316647620771840.0/14
Left Out: 9.988+/-0.000	χ^2/NDF : 3263642094436372487858999743479808.0/8
Right Out: 5.701+/-0.000	χ^2/NDF : 3174693398300953393137731791486976.0/15
Left In: 10.794+/-0.000	χ^2/NDF : 2099716708822228754682177717796864.0/6

+ sign 8.449+/-0.000 χ^2/NDF : 15902954000676541
 All: 8.285+/-0.000 χ^2/NDF : 29444496382768
 - sign 8.113+/-0.000 χ^2/NDF : 13468284389028551

dit_11X12X_coil1_Ndata_mean vs Slug



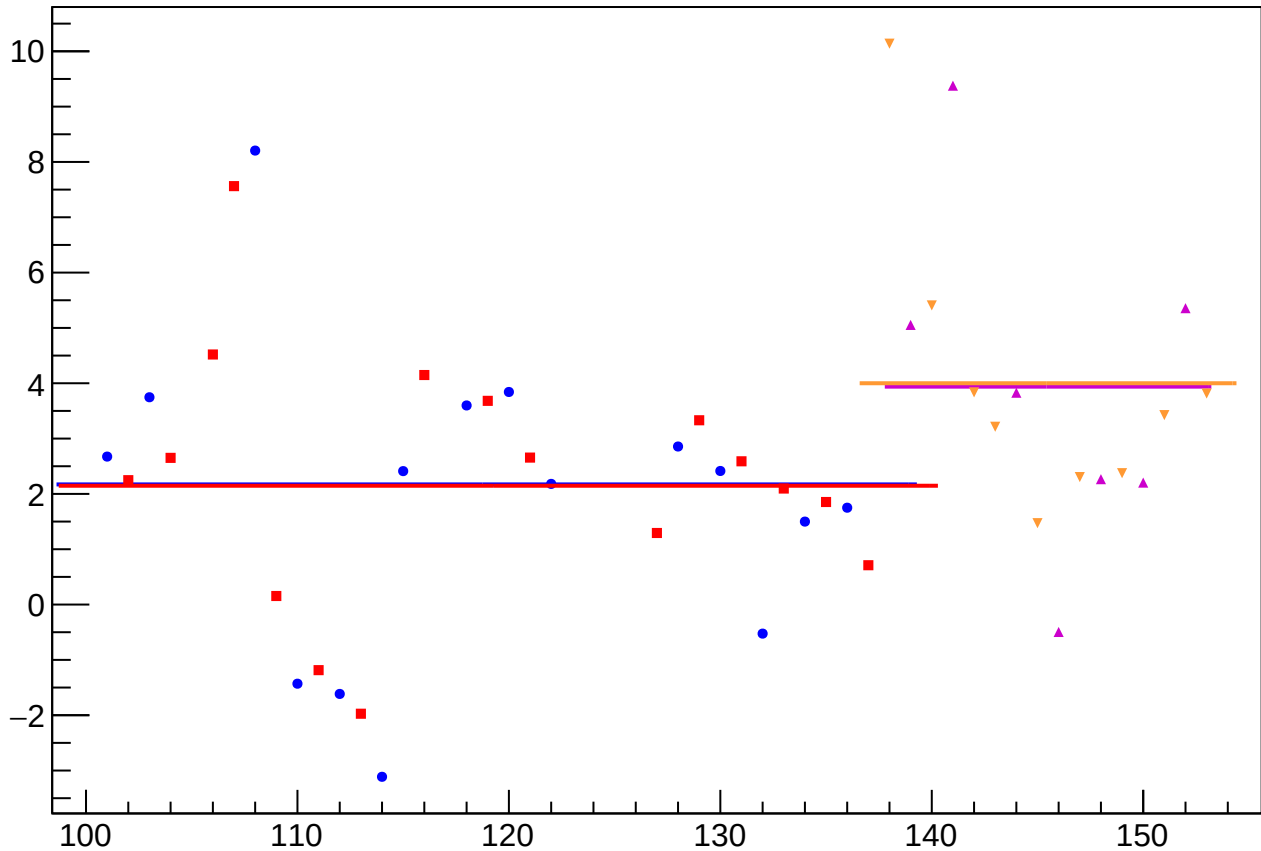
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

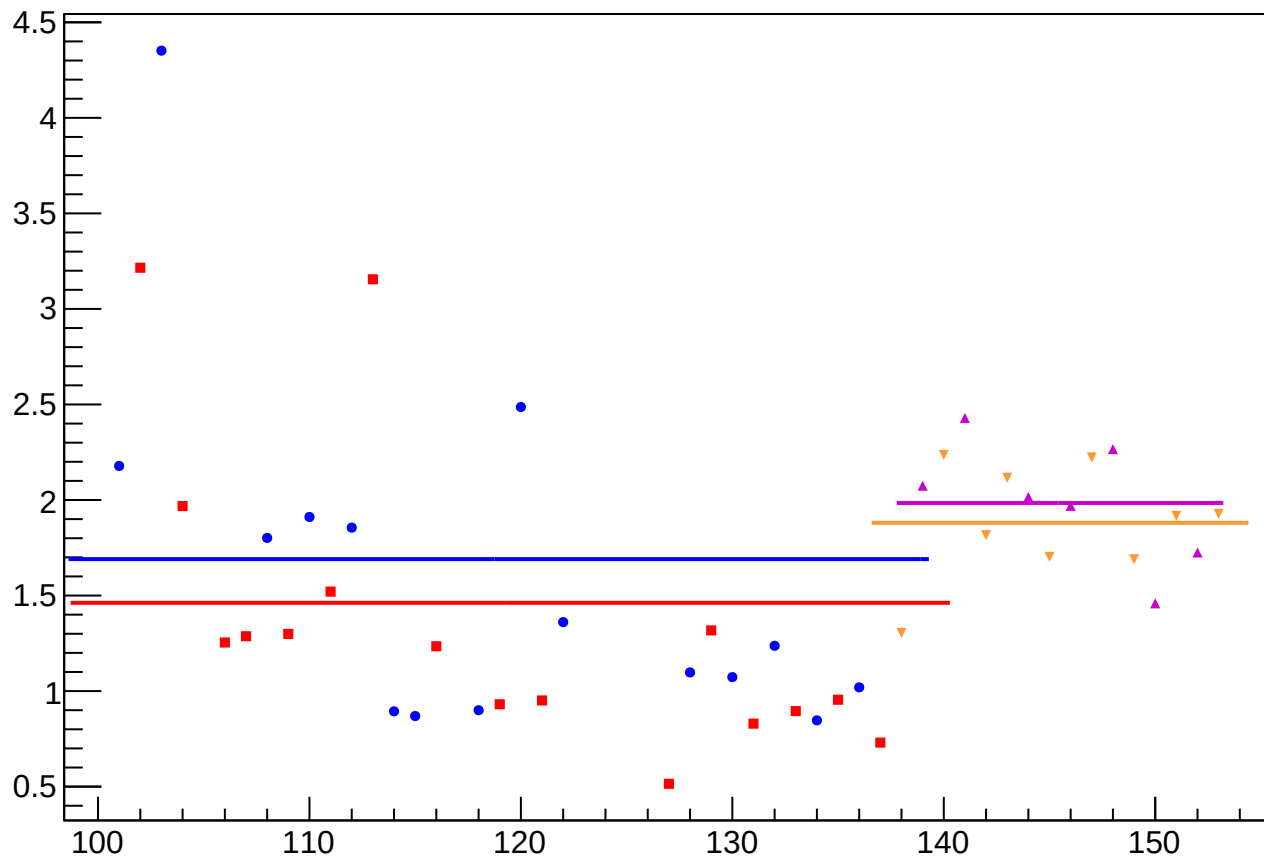
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 4.000+/-0.000 χ^2/NDF : 4136107227409683907700497158504448.0/8
 Right Out: 2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: 3.939+/-0.000 χ^2/NDF : 4932488532508748812740884688797696.0/6

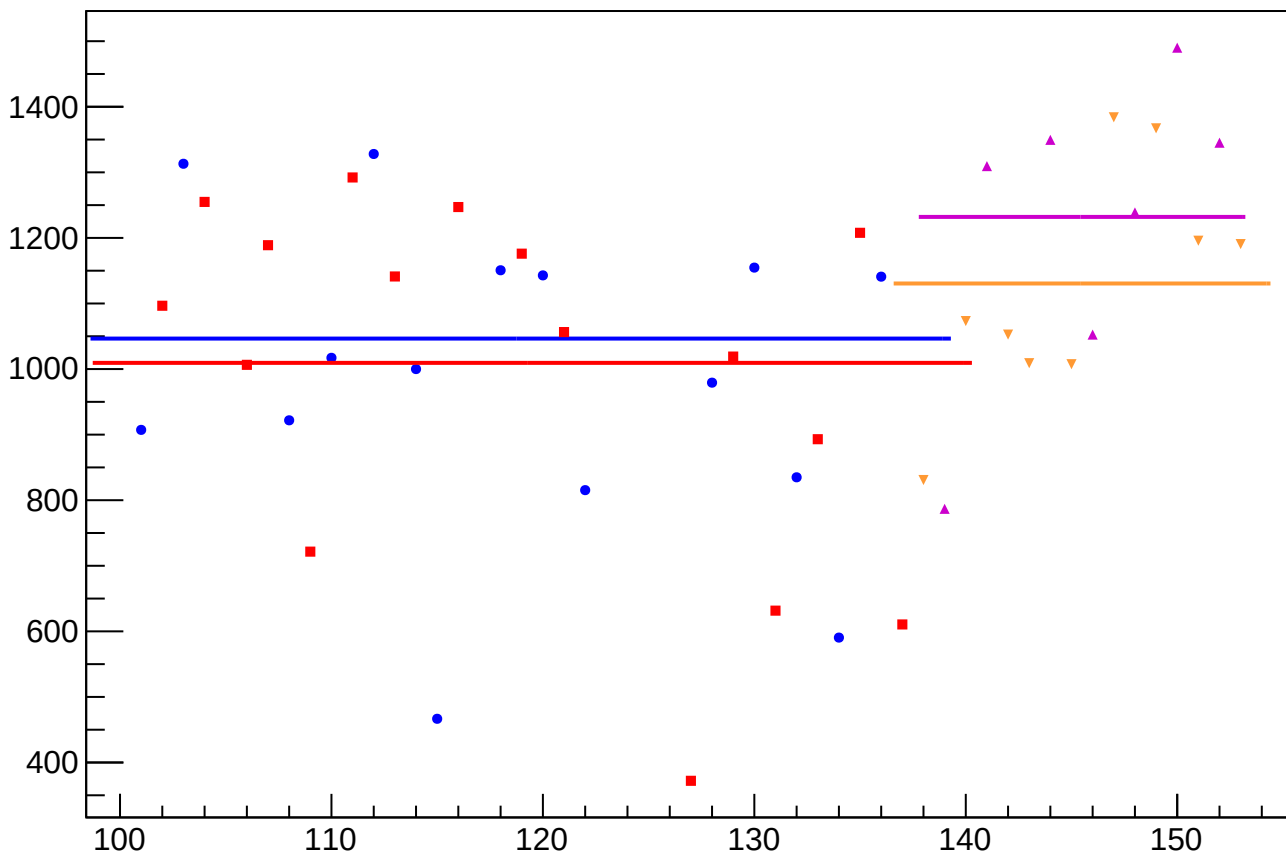
+ sign 3.106+/-0.000 χ^2/NDF : 88448201274894483
 All: 3.052+/-0.000 χ^2/NDF : 1789242080624
 - sign 2.996+/-0.000 χ^2/NDF : 90397764800435713

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14
 Left Out: 1.881 $\pm$ 0.000 χ^2 /NDF: 55203508410559656762088255127552.0/8
 Right Out: 1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15
 Left In: 1.985 $\pm$ 0.000 χ^2 /NDF: 55193607612551876974439009615872.0/6
 All: 1.750 $\pm$ 0.000 χ^2 /NDF: 12691114685835968.0/15
 + sign 1.788 $\pm$ 0.000 χ^2 /NDF: 67933598387633642
 - sign 1.710 $\pm$ 0.000 χ^2 /NDF: 58580052035173820

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

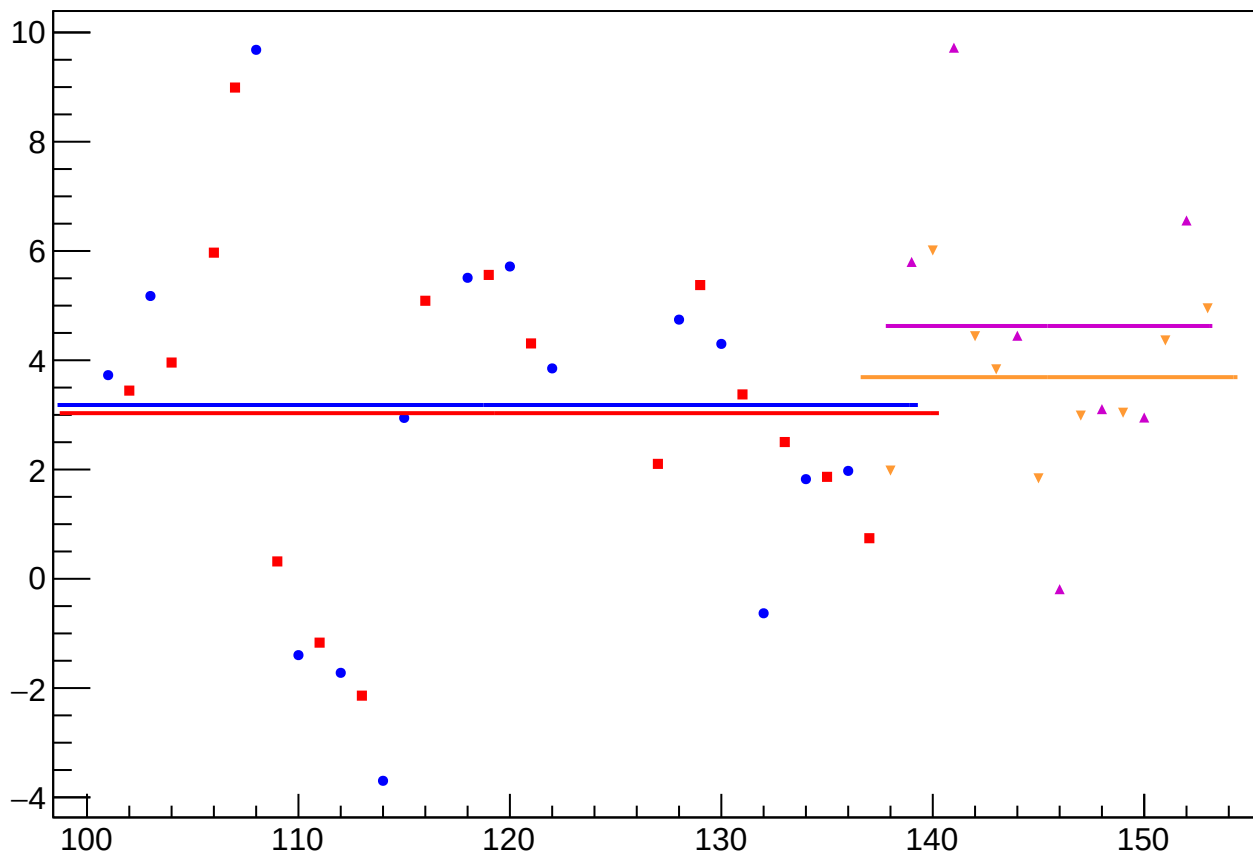
Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

All: 1101.837+/-0.000 χ^2/NDF : 13564161776

dit_4eY_coil1_mean vs Slug



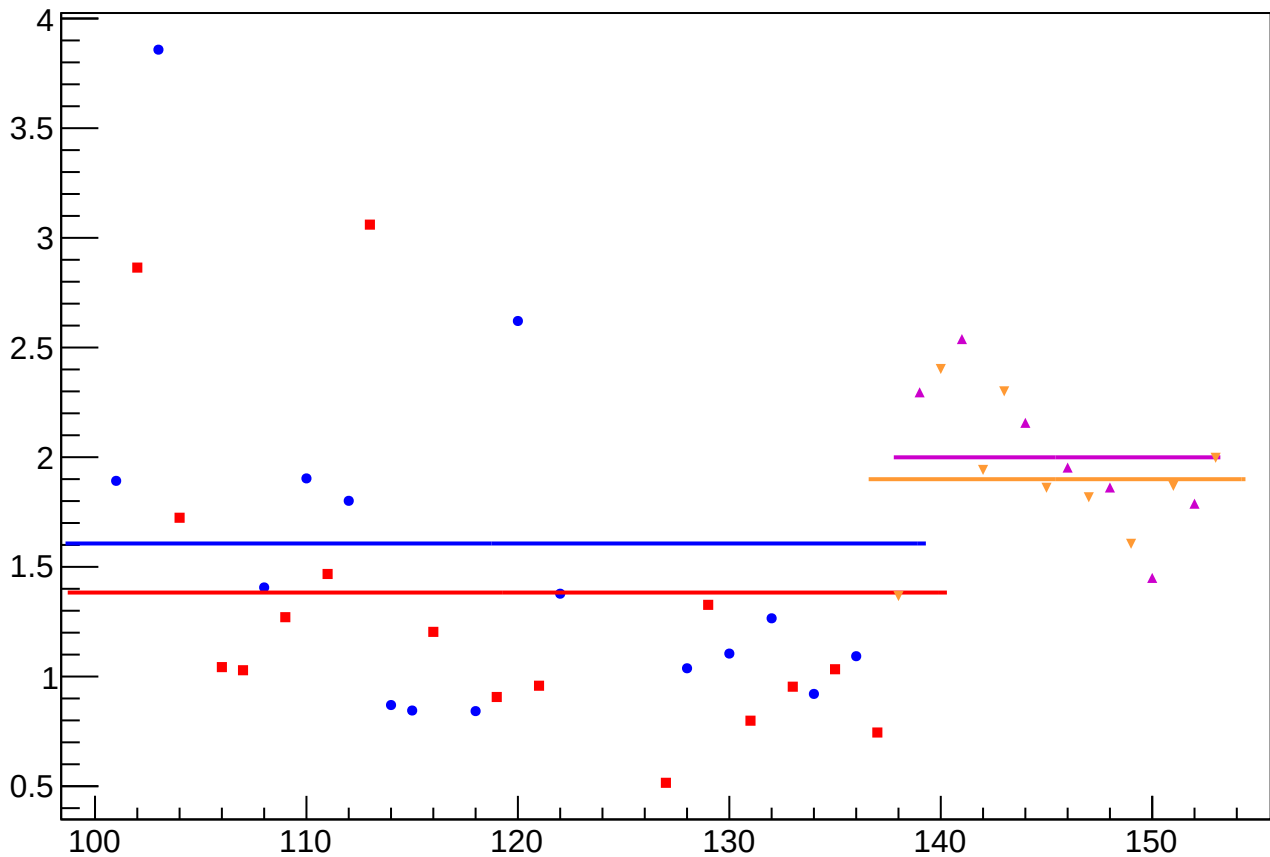
Right In: 3.181+/-0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.691+/-0.000 χ^2/NDF : 1217891171840190127780942181302272.0/8

Right Out: 3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.627+/-0.000 χ^2/NDF : 5020388992873274753518769696407552.0/6

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.900 $\pm$ 0.000 χ^2 /NDF: 62498054609315238266247015563264.0/8

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

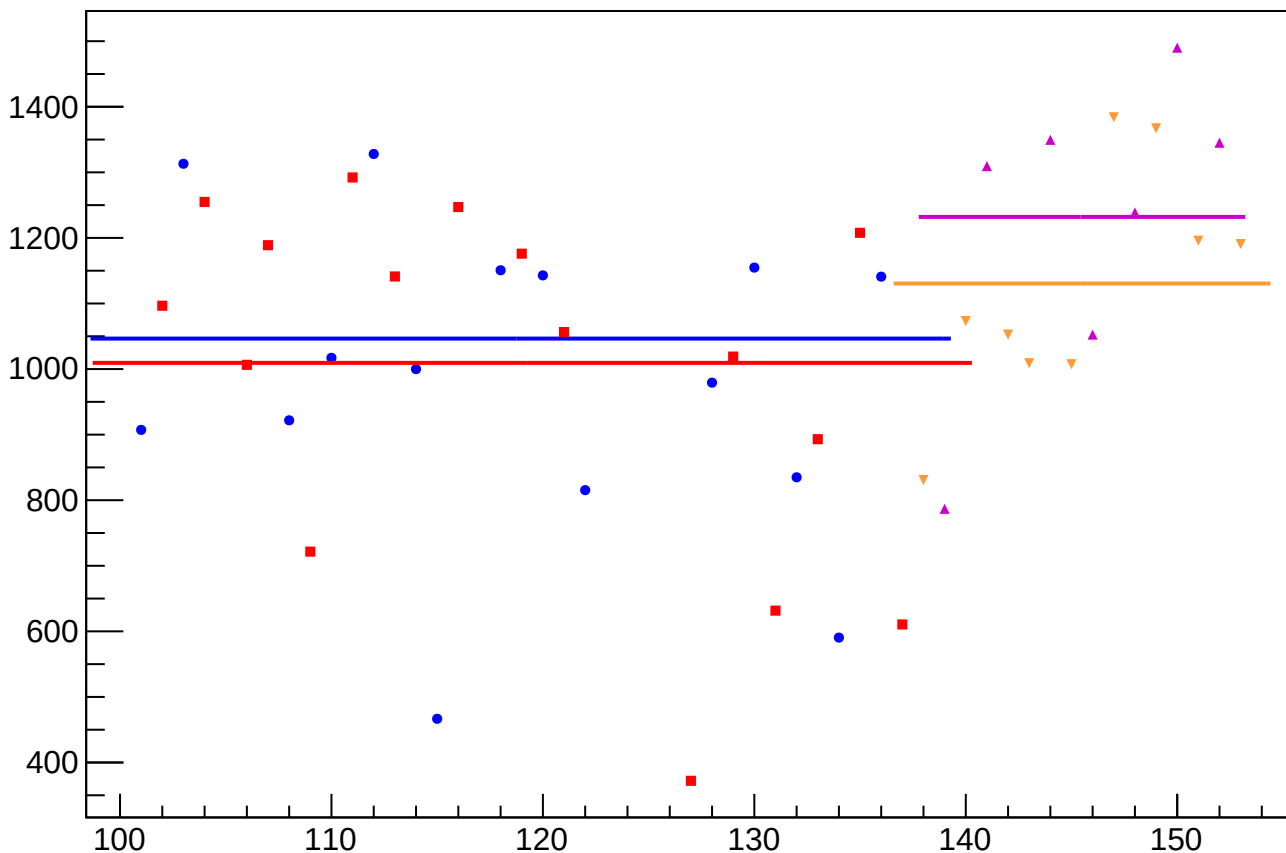
Left In: 1.999 $\pm$ 0.000 χ^2 /NDF: 67182142142670078908253396271104.0/6

+ sign 1.756 $\pm$ 0.000 χ^2 /NDF: 55193629514278548

All: 1.717 $\pm$ 0.000 χ^2 /NDF: 11018386256051

- sign 1.675 $\pm$ 0.000 χ^2 /NDF: 54559776880600968

dit_4eY_coil1_Ndata_mean vs Slug



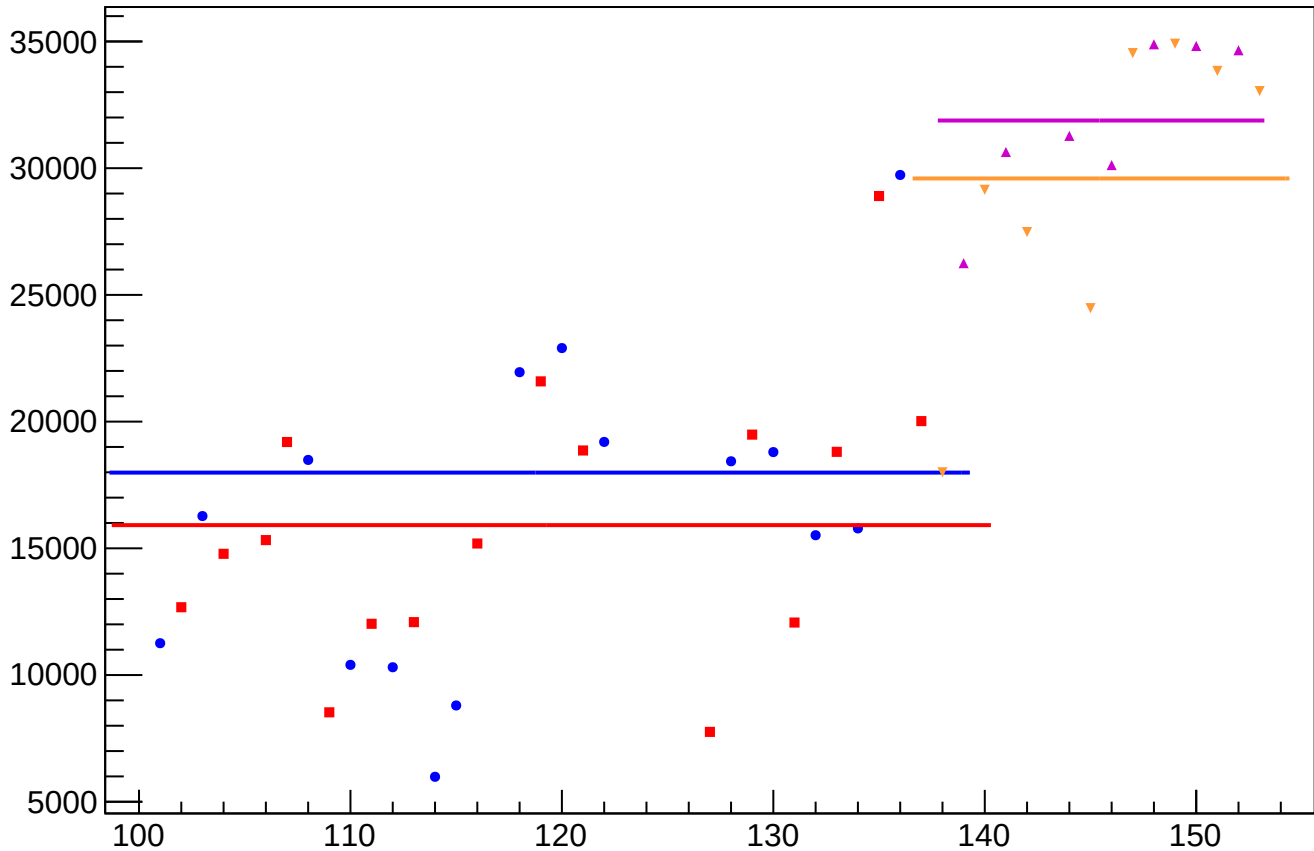
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

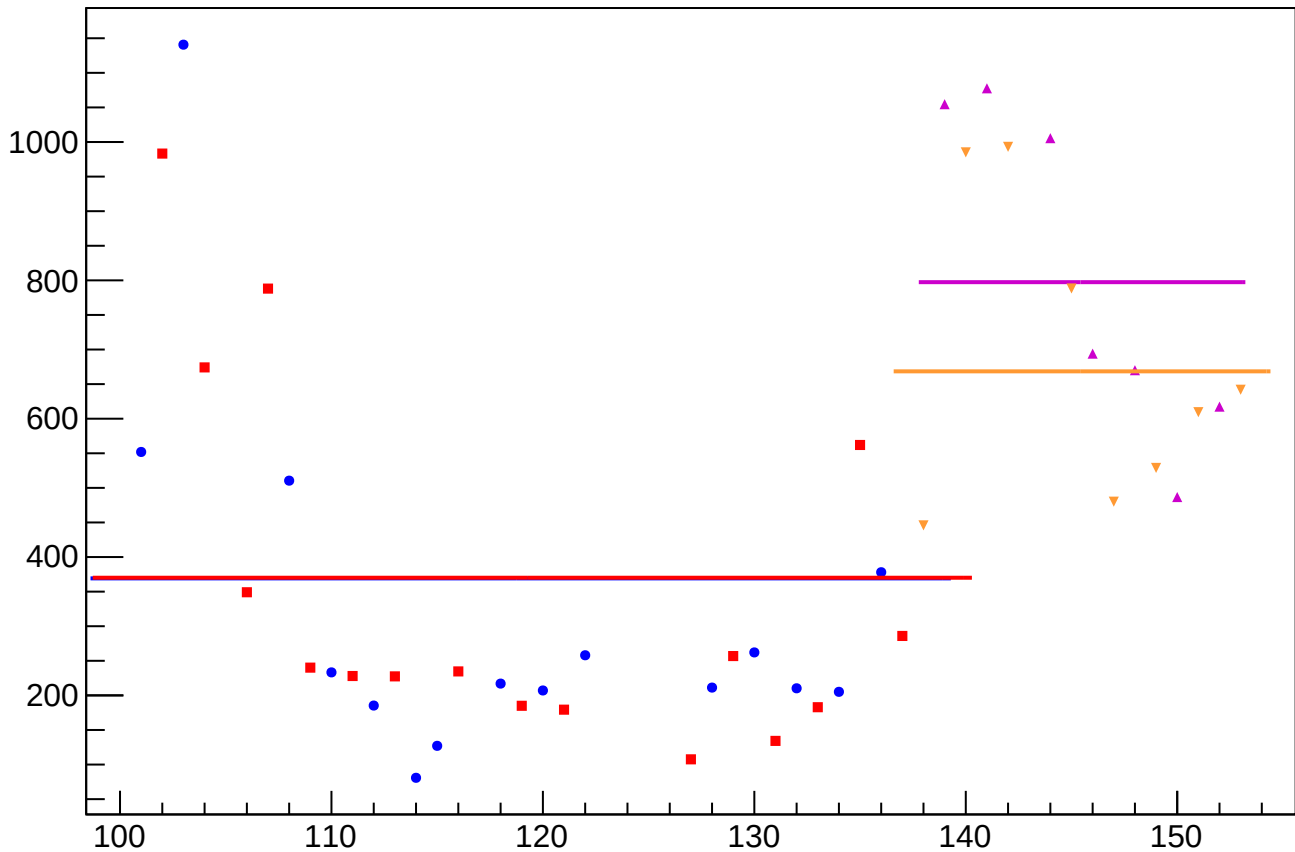
Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 29594.425+/-0.000 χ^2/NDF : 19511239887479858354282520564528846995456.0/7
 Right Out: 15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: 31880.730+/-0.000 χ^2/NDF : 5201947919362657689264974241223751499776.0/6

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 514.298+/-0.000 χ^2/NDF : 990704480404083

Left Out: 668.454+/-0.000 χ^2/NDF : 22828032755854753699354463972244848640.0/7

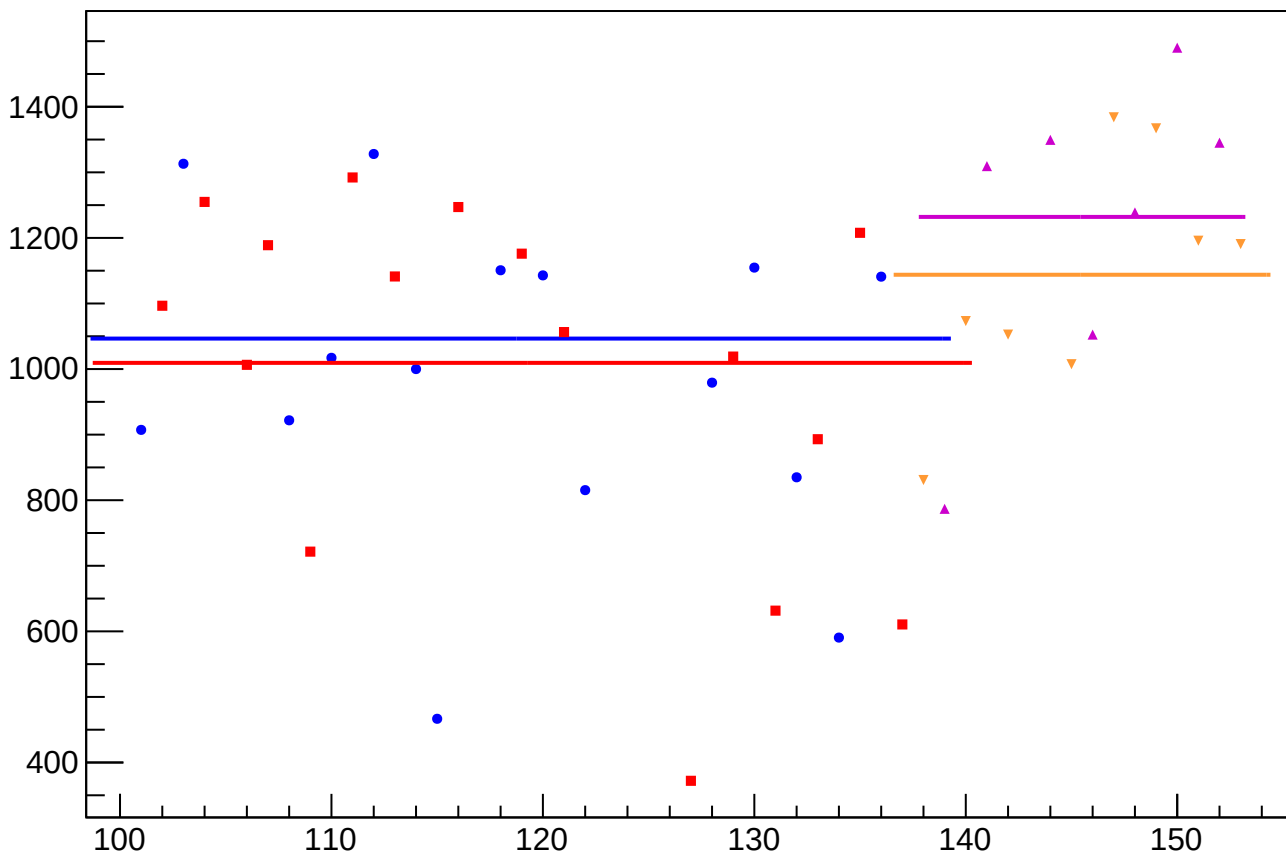
All: 543.449+/-0.000 χ^2/NDF : 236830786232

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 572.439+/-0.000 χ^2/NDF : 135624780376719

Left In: 797.383+/-0.000 χ^2/NDF : 29740336544319297101407296331660132352.0/6

dit_usl_coil1_Ndata_mean vs Slug



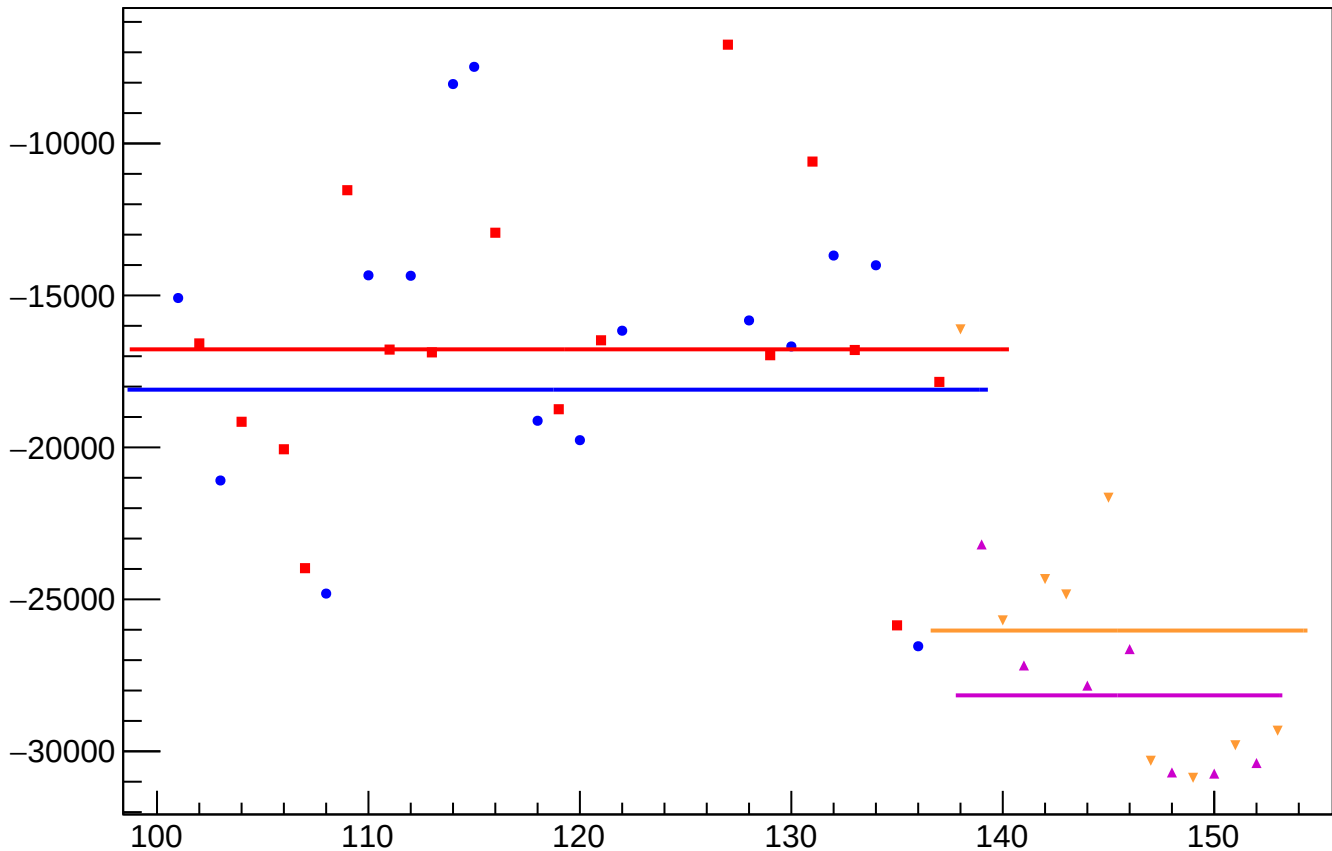
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1143.820+/-0.000 χ^2/NDF : 19022286139170430858050564231889158144.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

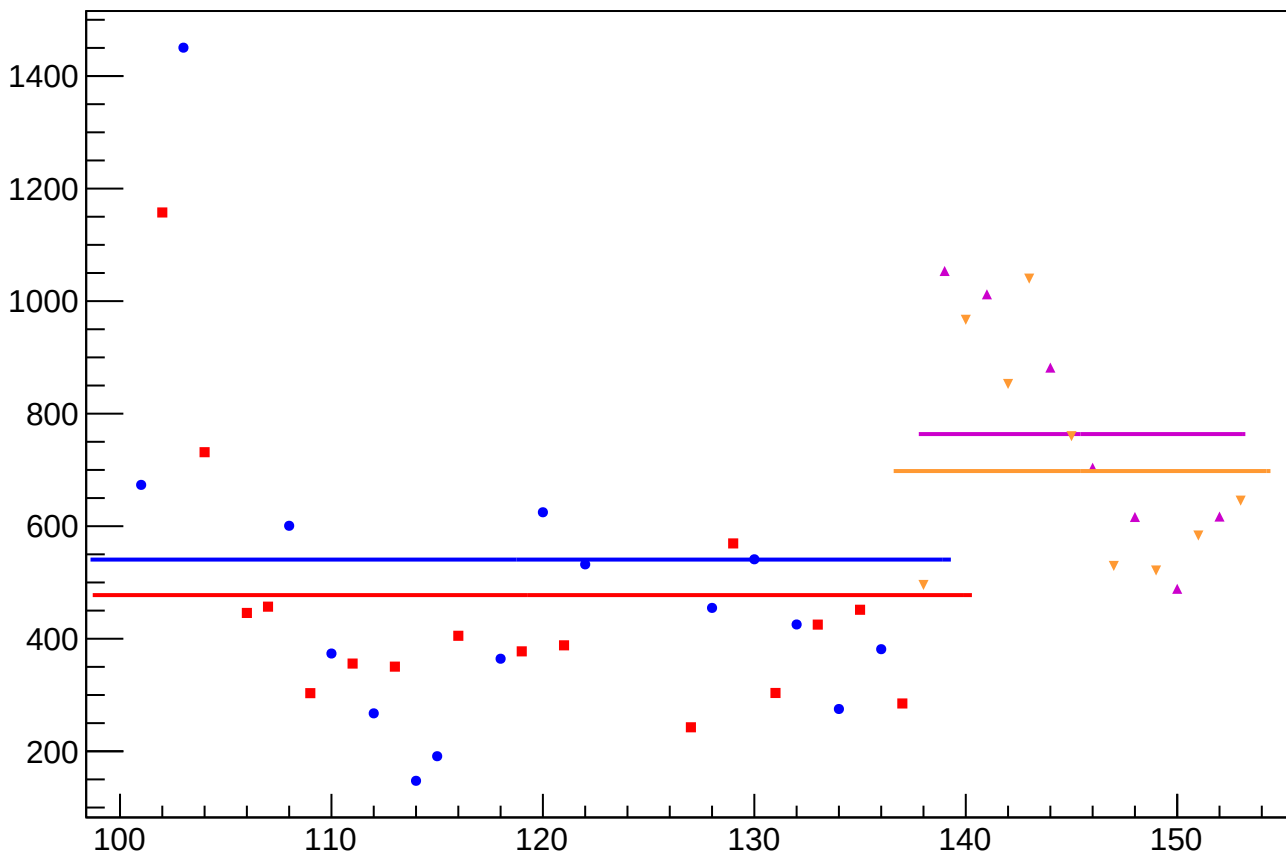
Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -26026.270+/-0.000 χ^2/NDF : 14867044981393266361677534582444757352448.0/8
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: -28158.818+/-0.000 χ^2/NDF : 3855954065667796005659745358294338764800.0/6

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 698.015+/-0.000 χ^2/NDF : 24458660585820048768267034305497137152.0/8

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

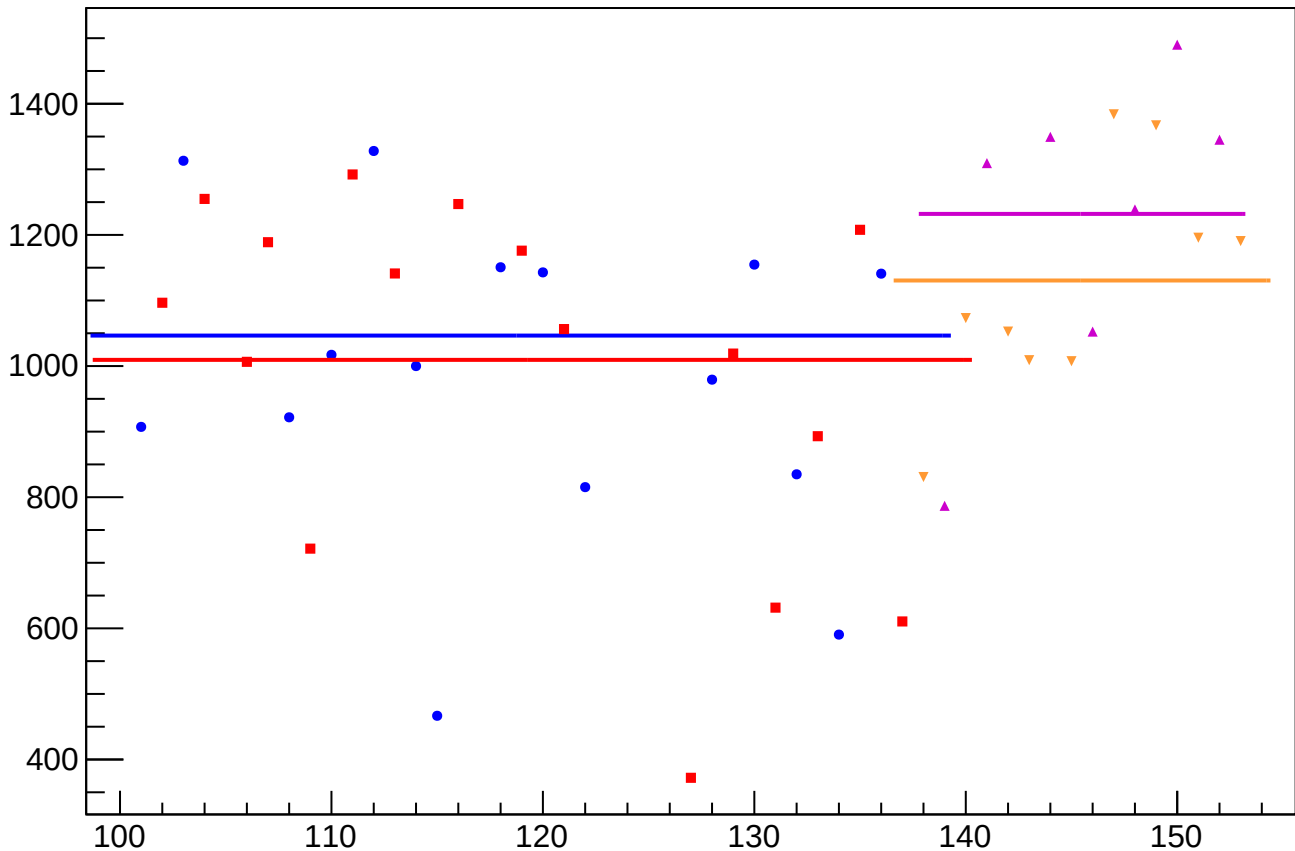
Left In: 763.732+/-0.000 χ^2/NDF : 24160531834885271071182636757318369280.0/6

+ sign 621.058+/-0.000 χ^2/NDF : 972156277664534

All: 617.157+/-0.000 χ^2/NDF : 18608574354

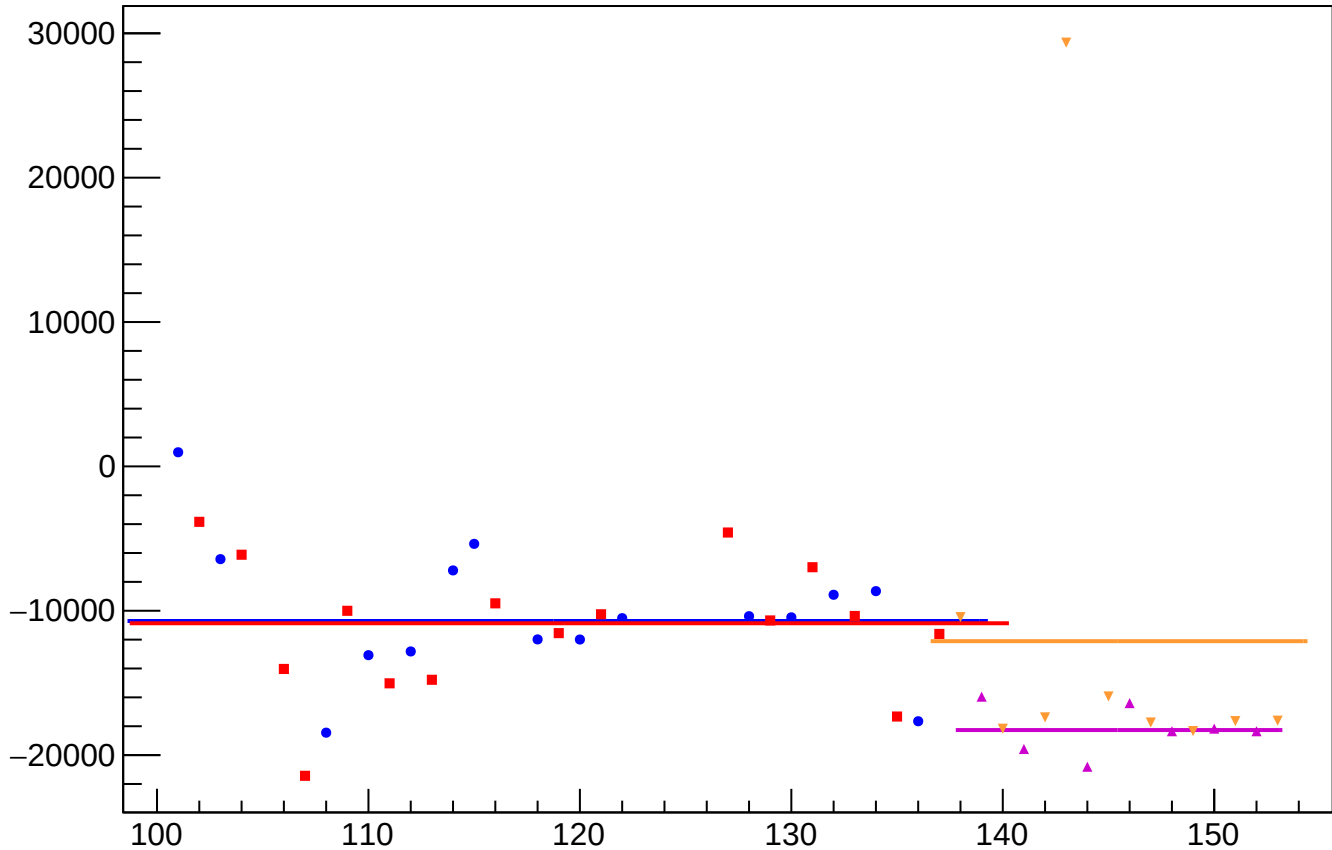
- sign 613.072+/-0.000 χ^2/NDF : 888287765794075

dit_usr_coil1_Ndata_mean vs Slug



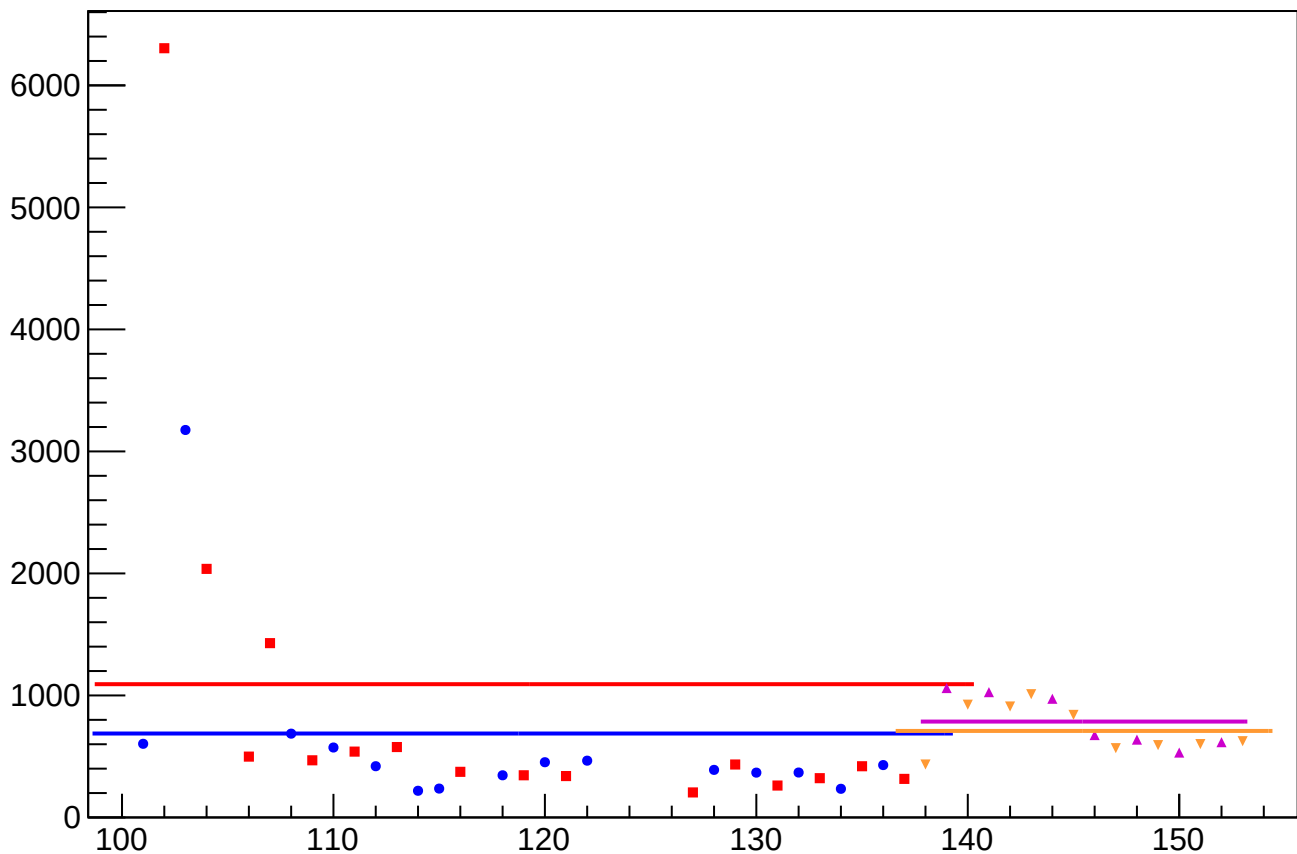
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1089.409+/-0.000	χ^2/NDF : 47326972466085
Left Out: 1130.493+/-0.000	χ^2/NDF : 20120490540226280517278959515063025664.0/8	All: 1101.837+/-0.000	χ^2/NDF : 13564161776
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1114.854+/-0.000	χ^2/NDF : 87895006745157
Left In: 1232.033+/-0.000	χ^2/NDF : 27642589162015186881949234538999709696.0/6		

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14
 Left Out: -12107.270+/-0.000 χ^2/NDF : 131536810583894942018766366208097771323392.0/8
 Right Out: -10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
 Left In: -18264.130+/-0.000 χ^2/NDF : 1444781475643644993733862103886059274240.0/6

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

+ sign 698.743+/-0.000 χ^2/NDF : 432653351459035

Left Out: 709.085+/-0.000 χ^2/NDF : 23207937972589986519725978689850048512.0/8

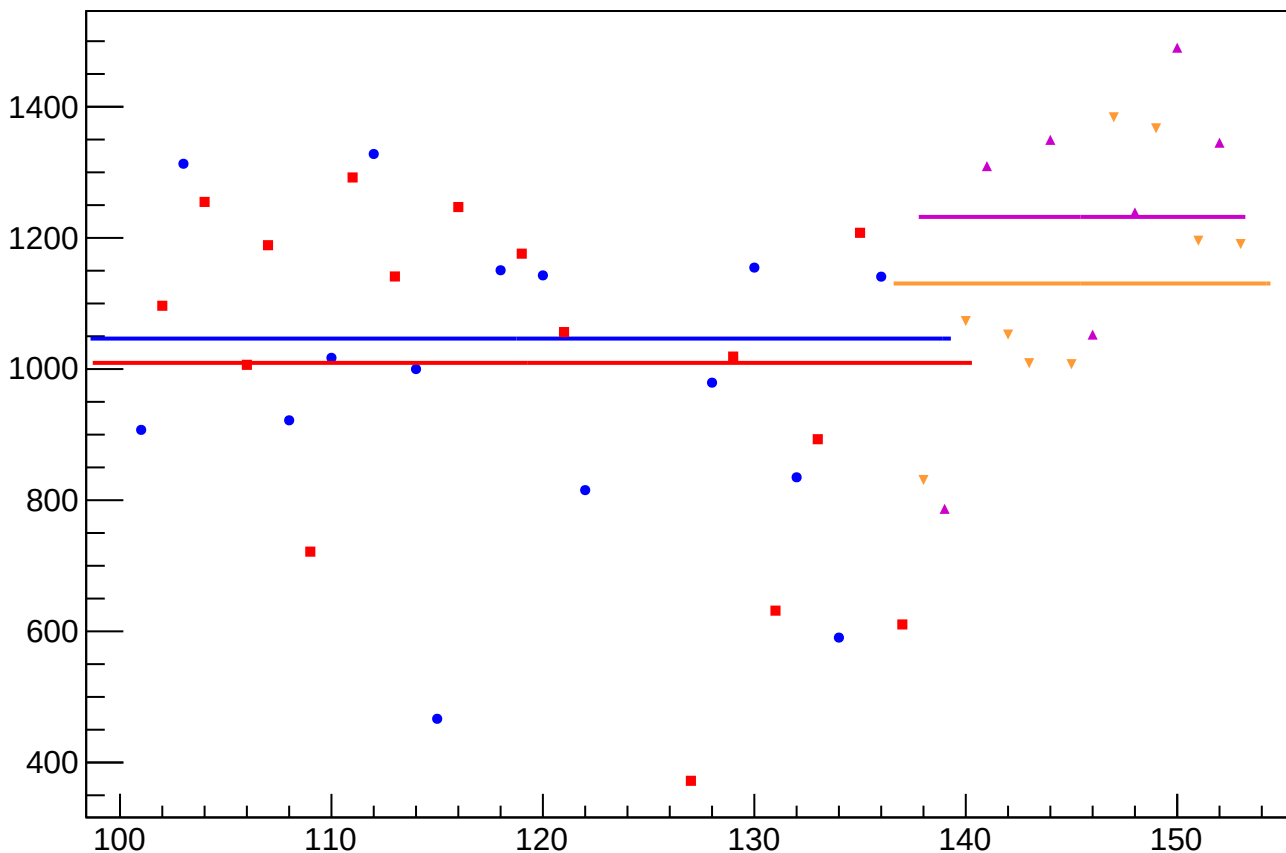
All: 820.073+/-0.000 χ^2/NDF : 241088314442

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

- sign 947.148+/-0.000 χ^2/NDF : 193823531507431

Left In: 785.827+/-0.000 χ^2/NDF : 25376212730104559319419872280513085440.0/6

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

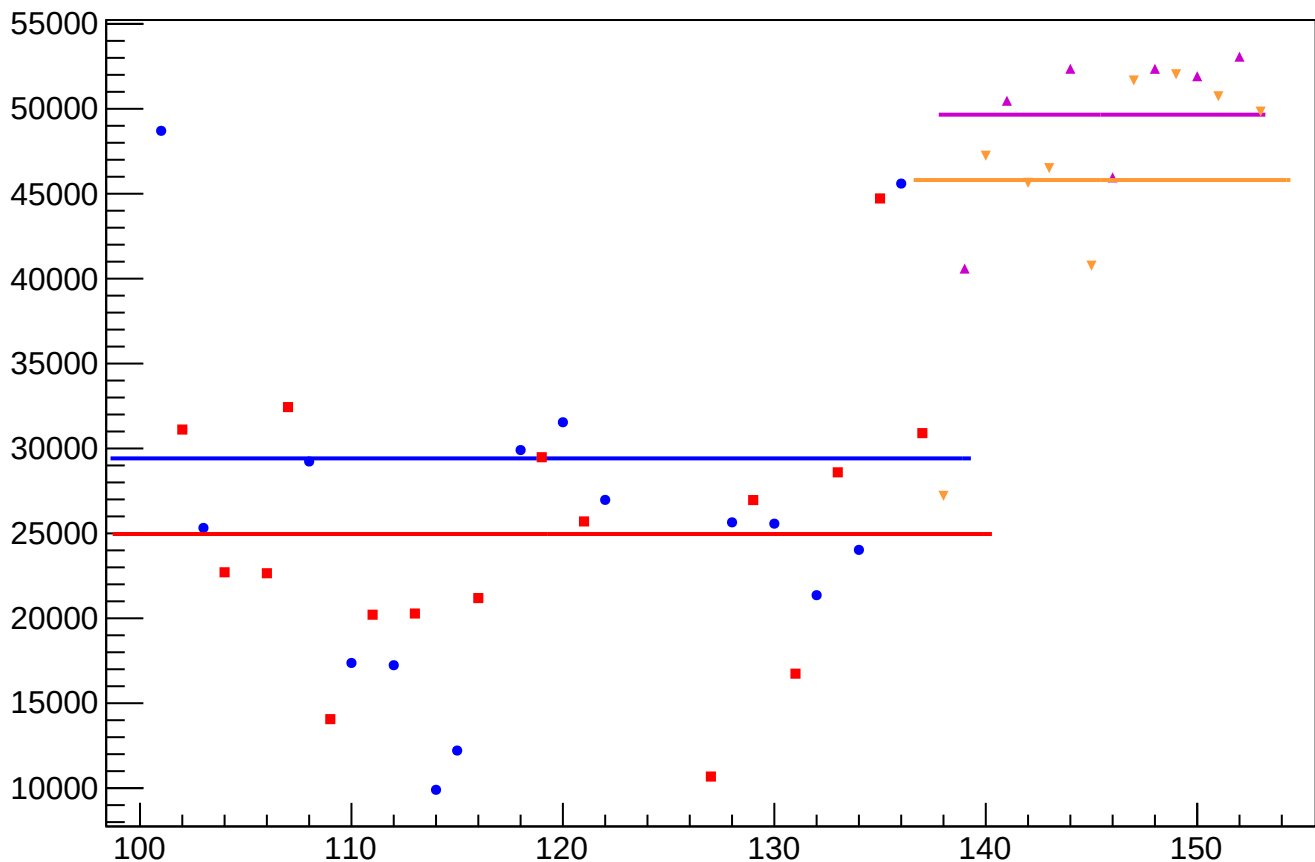
Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

All: 1101.837+/-0.000 χ^2/NDF : 13564161776

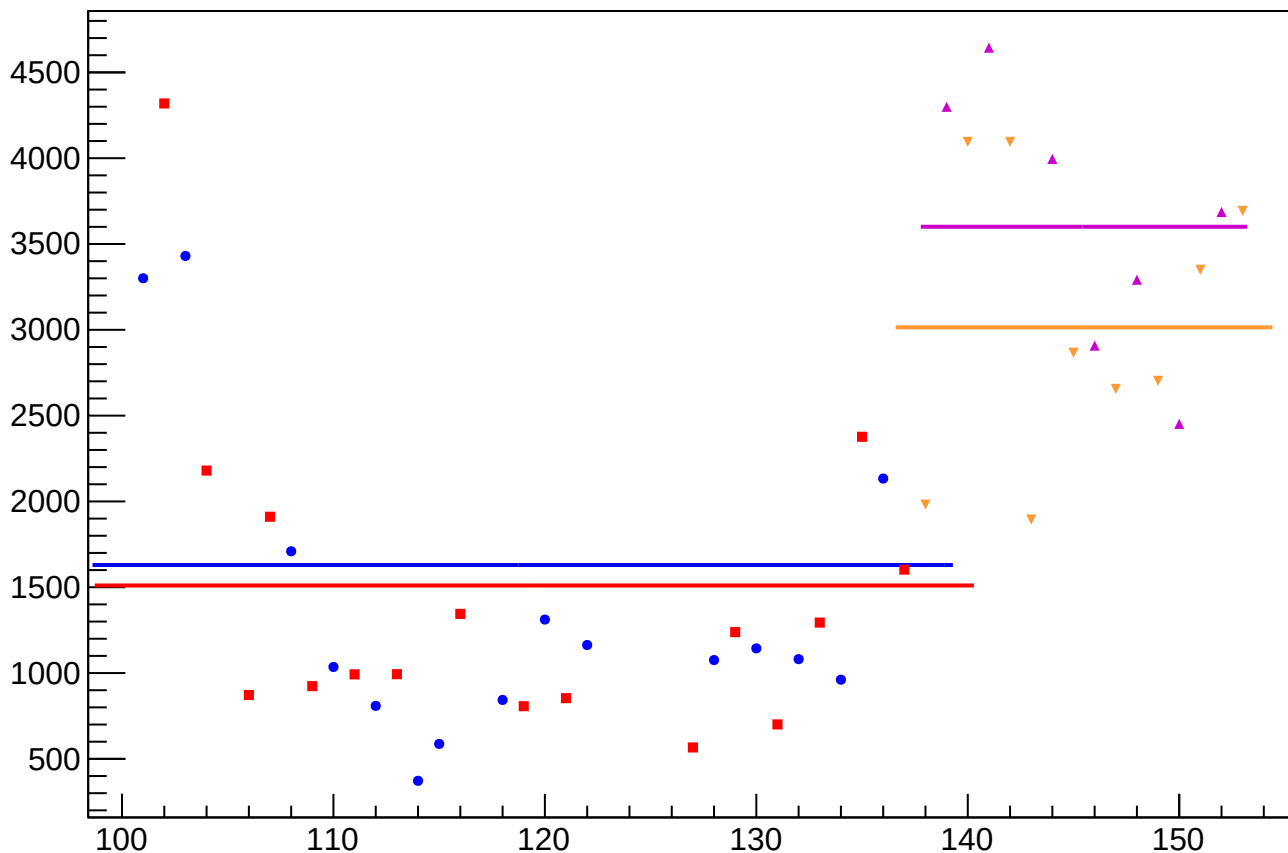
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 45806.202+/-0.000	χ^2/NDF : 38424695085464585597954846322942235639808.0/8
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49655.431+/-0.000	χ^2/NDF : 10585676039836621790583229480462807203840.0/6

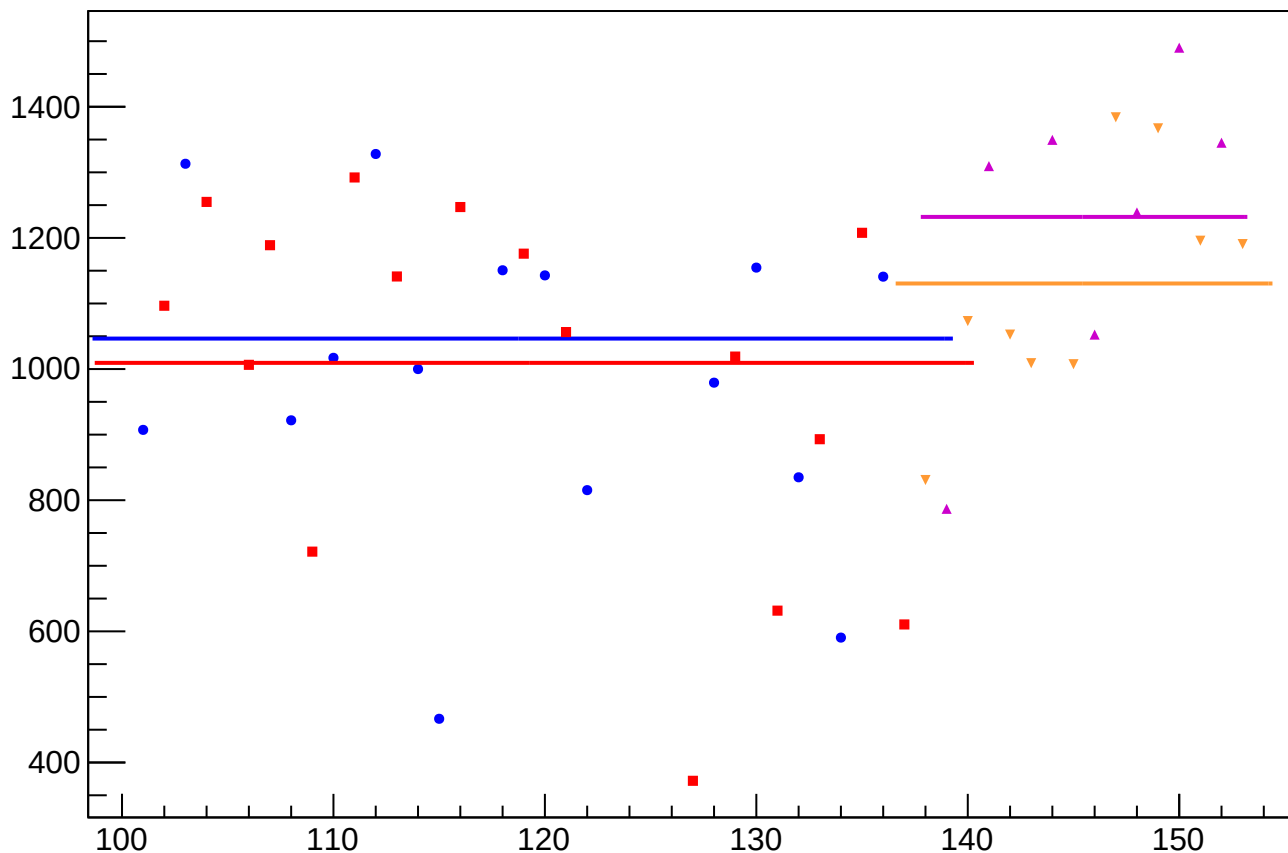
+ sign 37790.112+/-0.000 χ^2/NDF : 1992698696118
 All: 37236.340+/-0.000 χ^2/NDF : 4489076540
 - sign 36656.343+/-0.000 χ^2/NDF : 2488046279187

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 3014.483 $\pm$ 0.000 χ^2 /NDF: 384528349365157138775450922820231495680.0/8
 Right Out: 1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15
 Left In: 3600.602 $\pm$ 0.000 χ^2 /NDF: 314576439668944231432926522469062279168.0/6

dit_atl2_coil1_Ndata_mean vs Slug



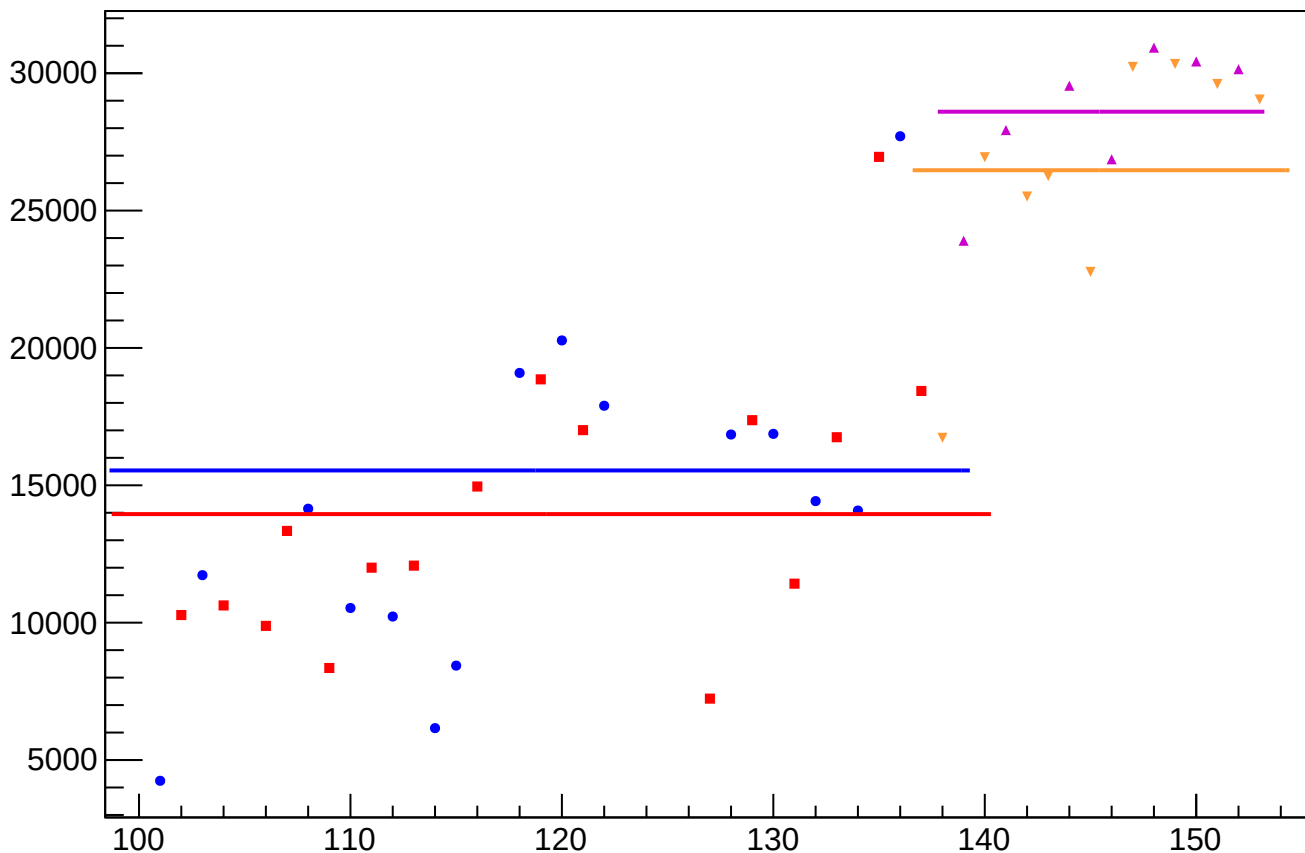
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

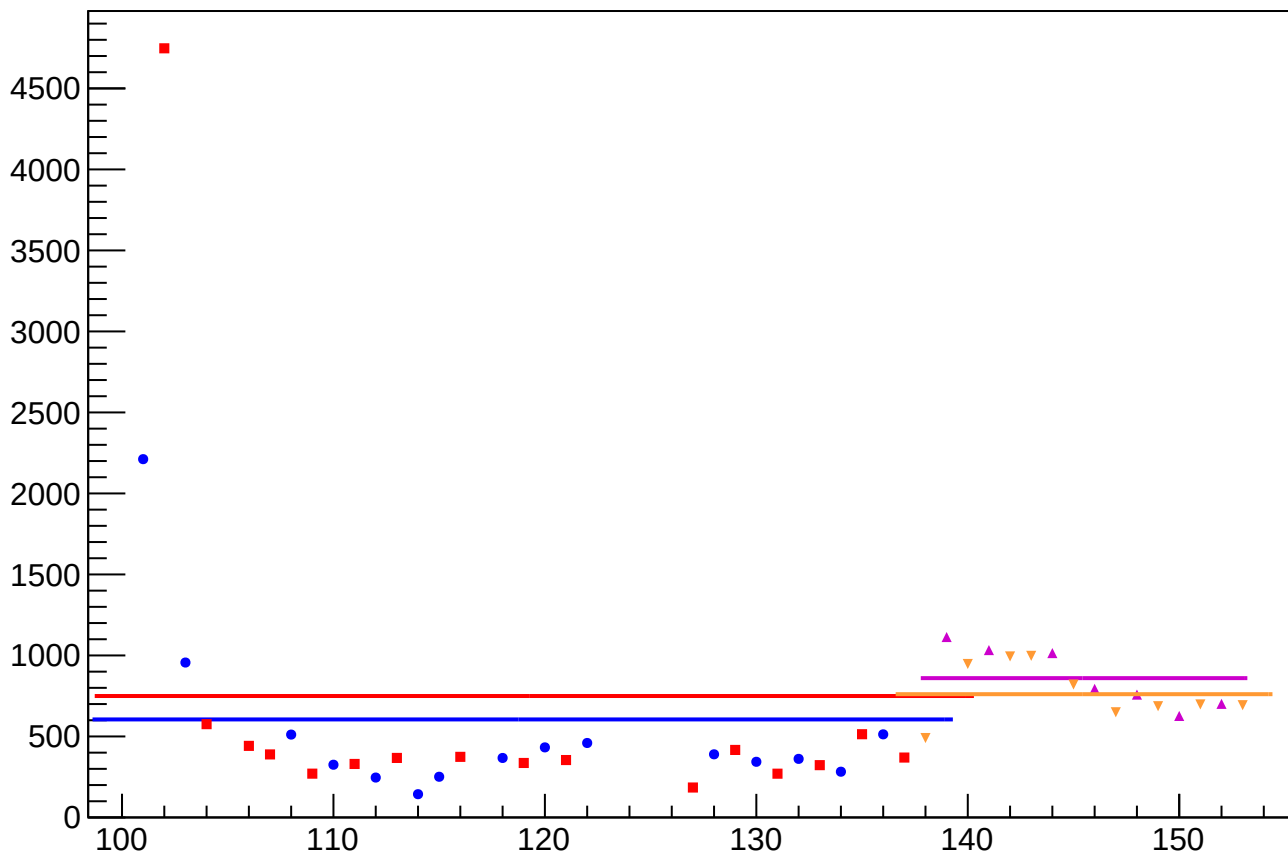
Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

dit_atr1_coil1_mean vs Slug



Right In: 15540.787 $\pm$ 0.000 χ^2 /NDF: 27383635886523601832377795383509714468864.0/14
 Left Out: 26468.657 $\pm$ 0.000 χ^2 /NDF: 12256648431506992594027807789248214466560.0/8
 Right Out: 13951.799 $\pm$ 0.000 χ^2 /NDF: 16954071035739584664612813430748100952064.0/15
 Left In: 28599.498 $\pm$ 0.000 χ^2 /NDF: 3122491288368560556865790818258765479936.0/6

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 760.876+/-0.000 χ^2/NDF : 17239569046793410913222338060818055168.0/8

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

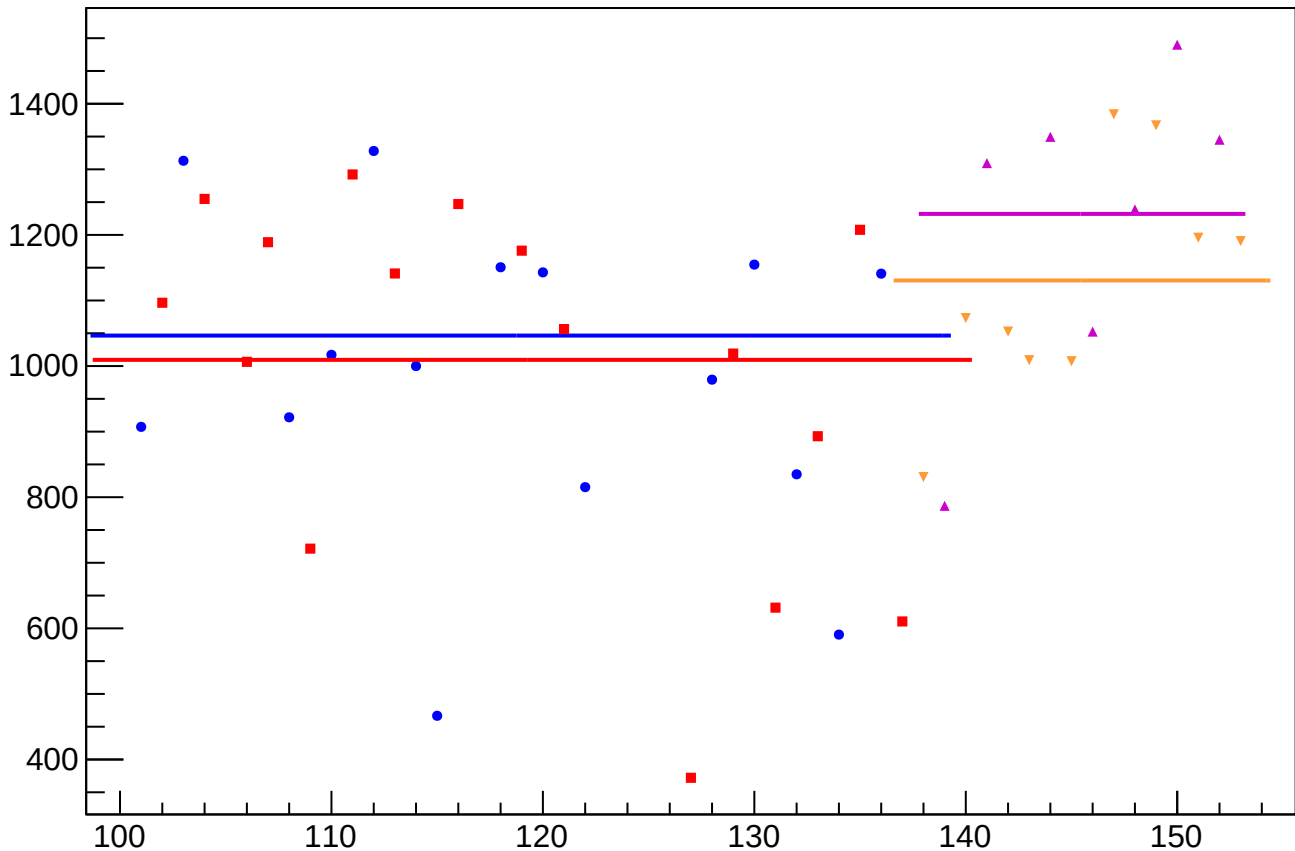
Left In: 859.919+/-0.000 χ^2/NDF : 18270766695703993476707418023533740032.0/6

All: 741.891+/-0.000 χ^2/NDF : 126706849828.0/30

+ sign 684.658+/-0.000 χ^2/NDF : 214694393114232.0/14

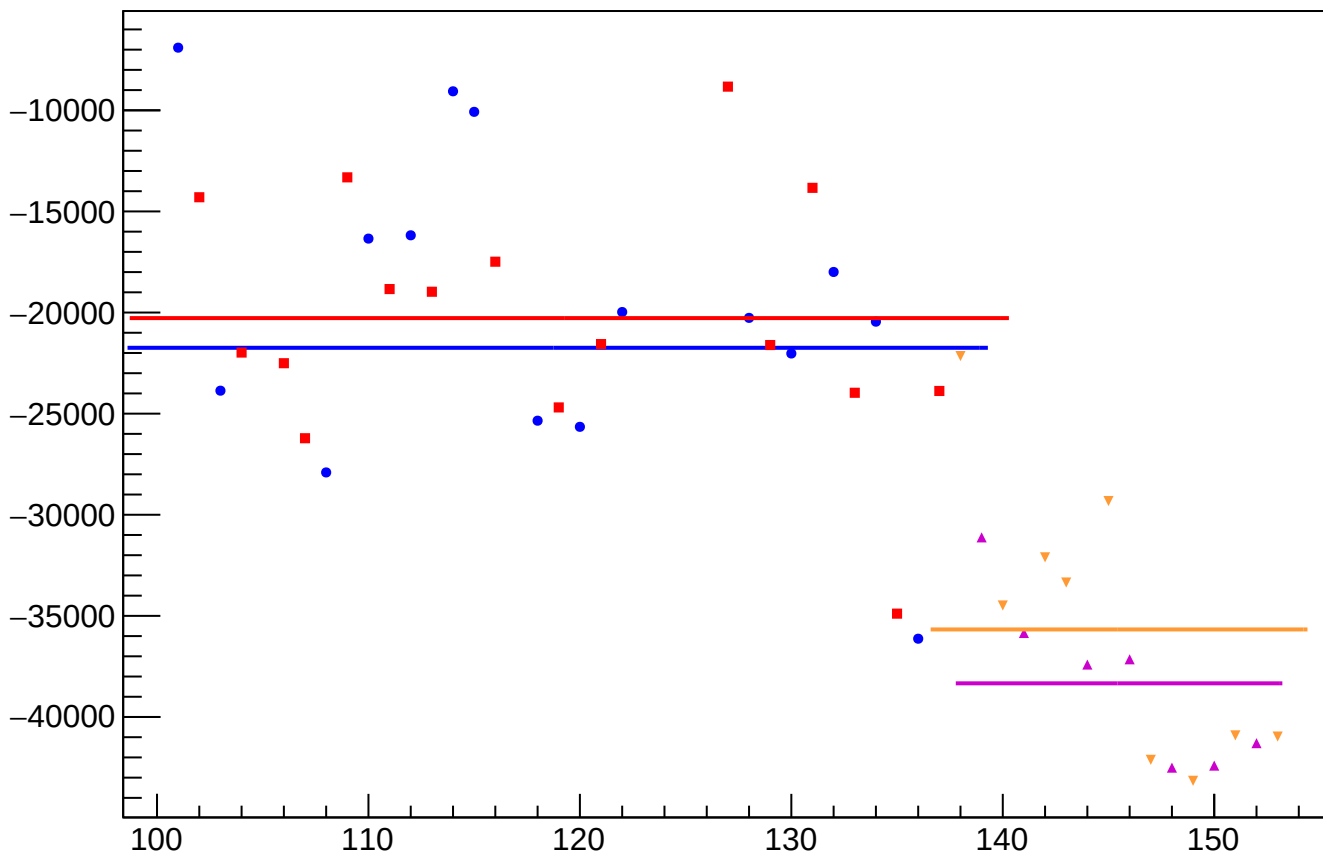
- sign 801.833+/-0.000 χ^2/NDF : 104347493058380.0/14

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

dit_atr2_coil1_mean vs Slug



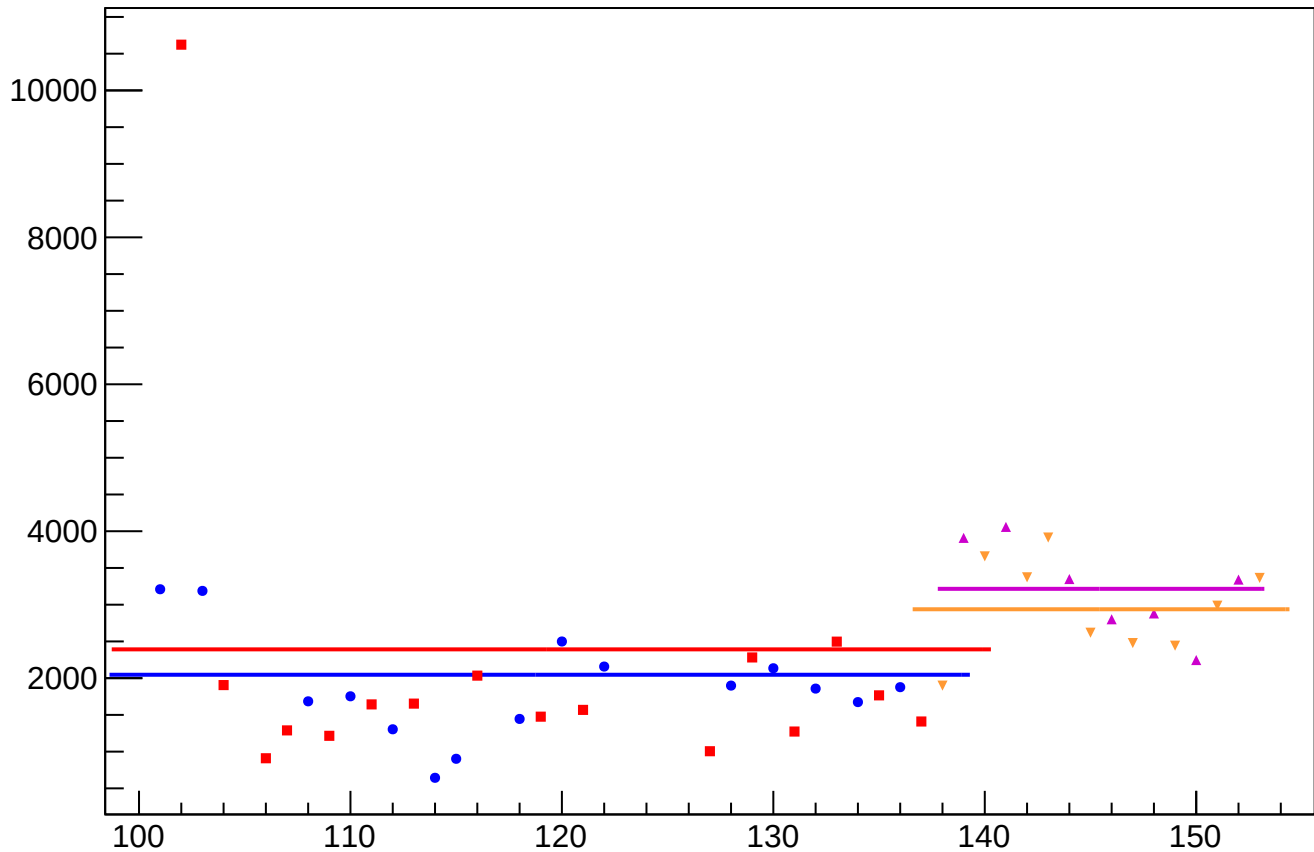
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14

Left Out: -35670.860+/-0.000 χ^2/NDF : 31028497097861503546961035694991915089920.0/8

Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15

Left In: -38336.327+/-0.000 χ^2/NDF : 8669629159912674722719600260655855173632.0/6

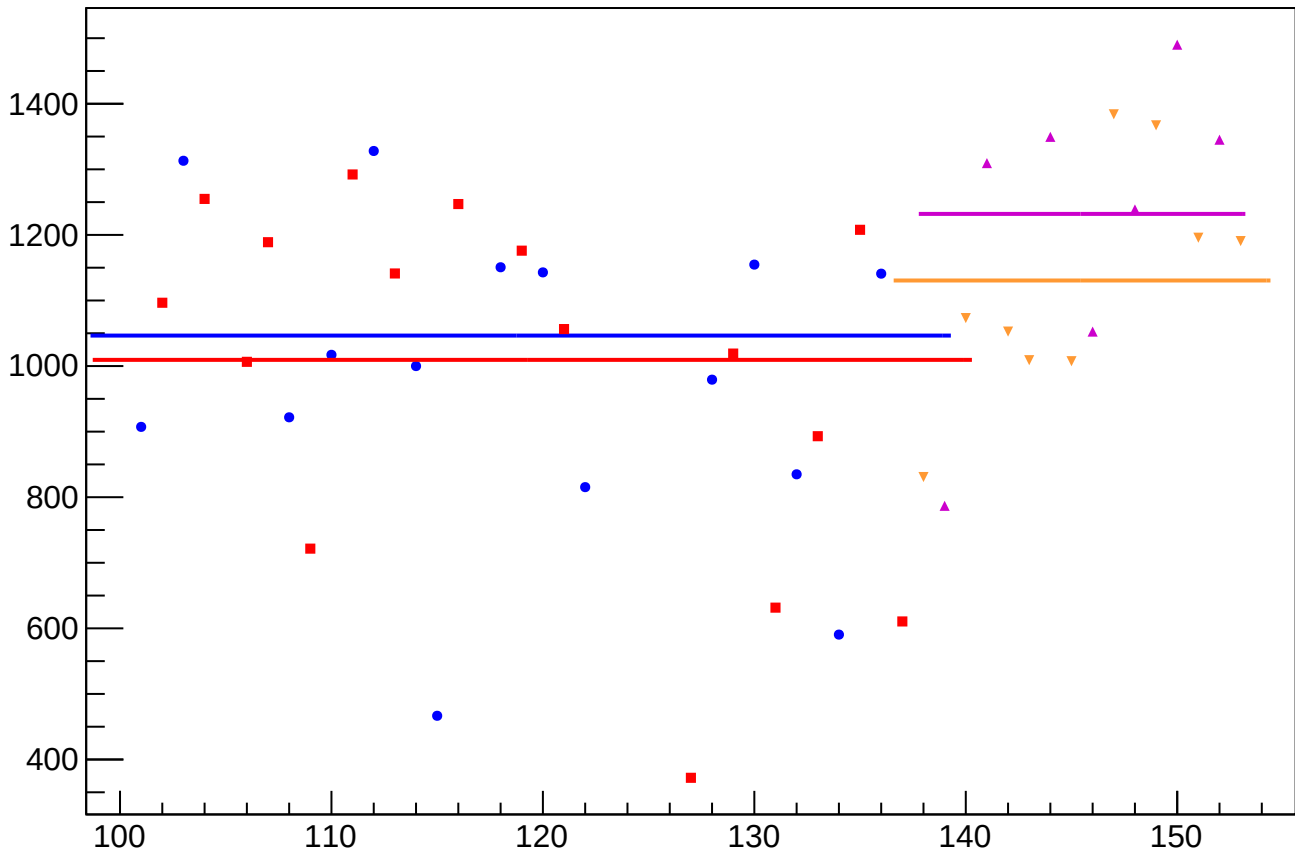
dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14
Left Out: 2937.785+/-0.000	χ^2/NDF : 260425864865743426934820648380478259200.0/8
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15
Left In: 3215.788+/-0.000	χ^2/NDF : 211517044376238356518607969784631918592.0/6

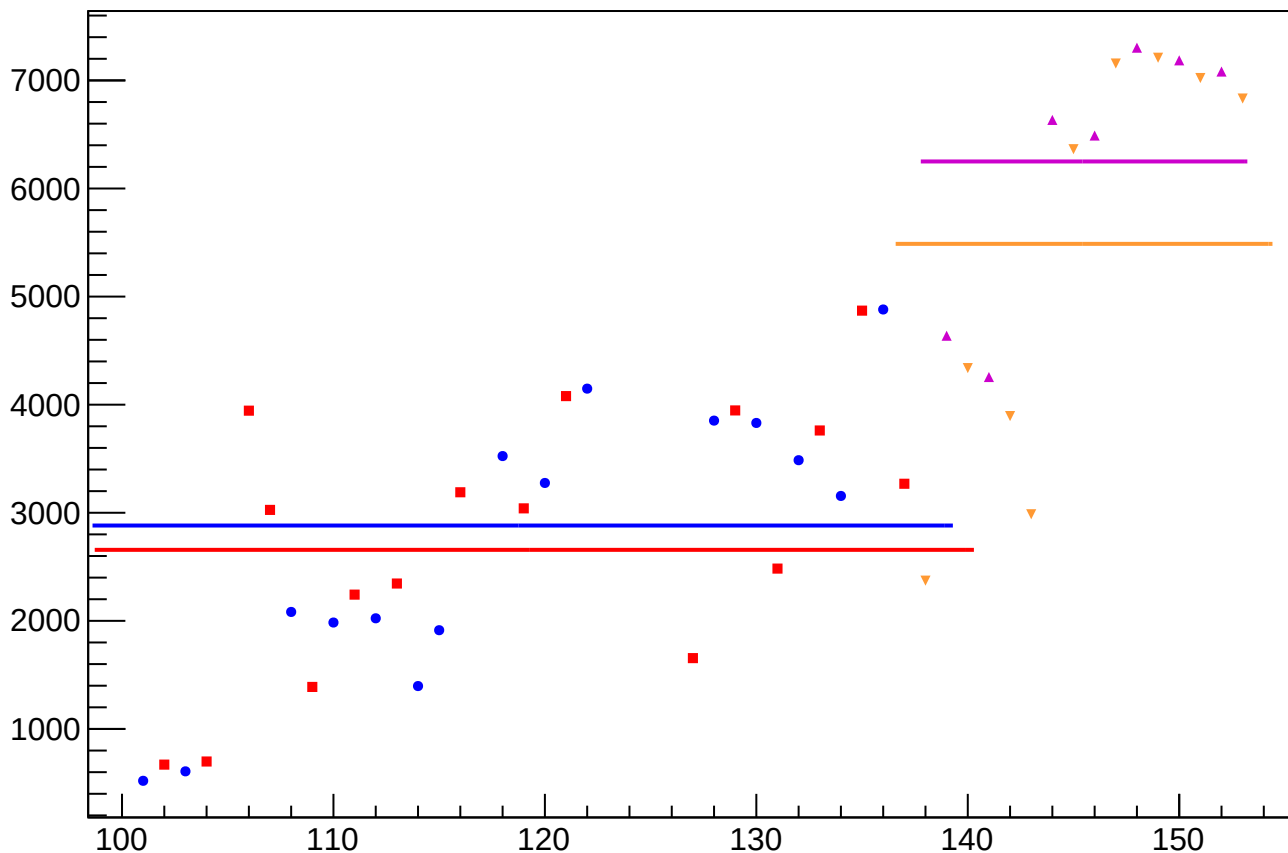
+ sign 2501.810+/-0.000 χ^2/NDF : 79048056669903
 All: 2638.704+/-0.000 χ^2/NDF : 56825914136
 - sign 2782.080+/-0.000 χ^2/NDF : 48411975012311

dit_atr2_coil1_Ndata_mean vs Slug



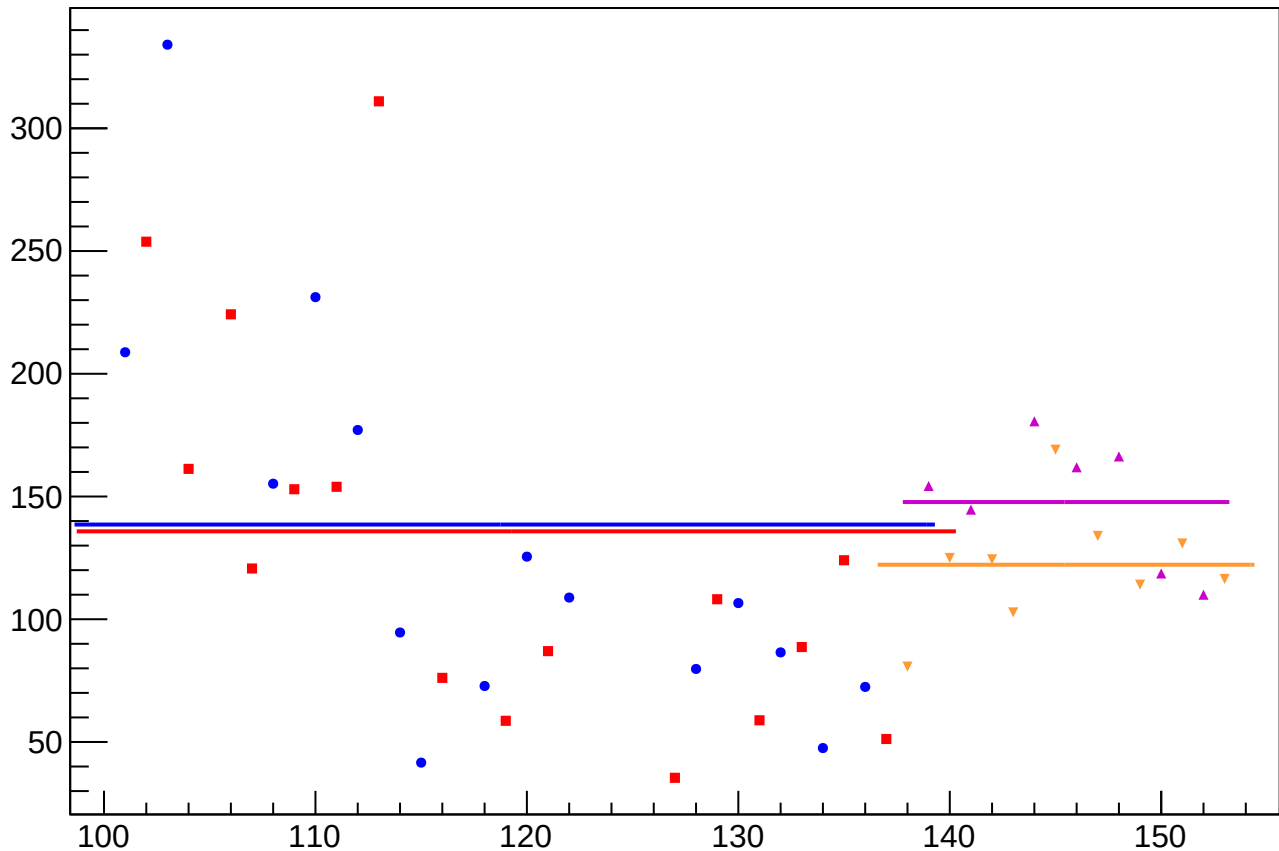
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

dit_sam1_coil1_mean vs Slug



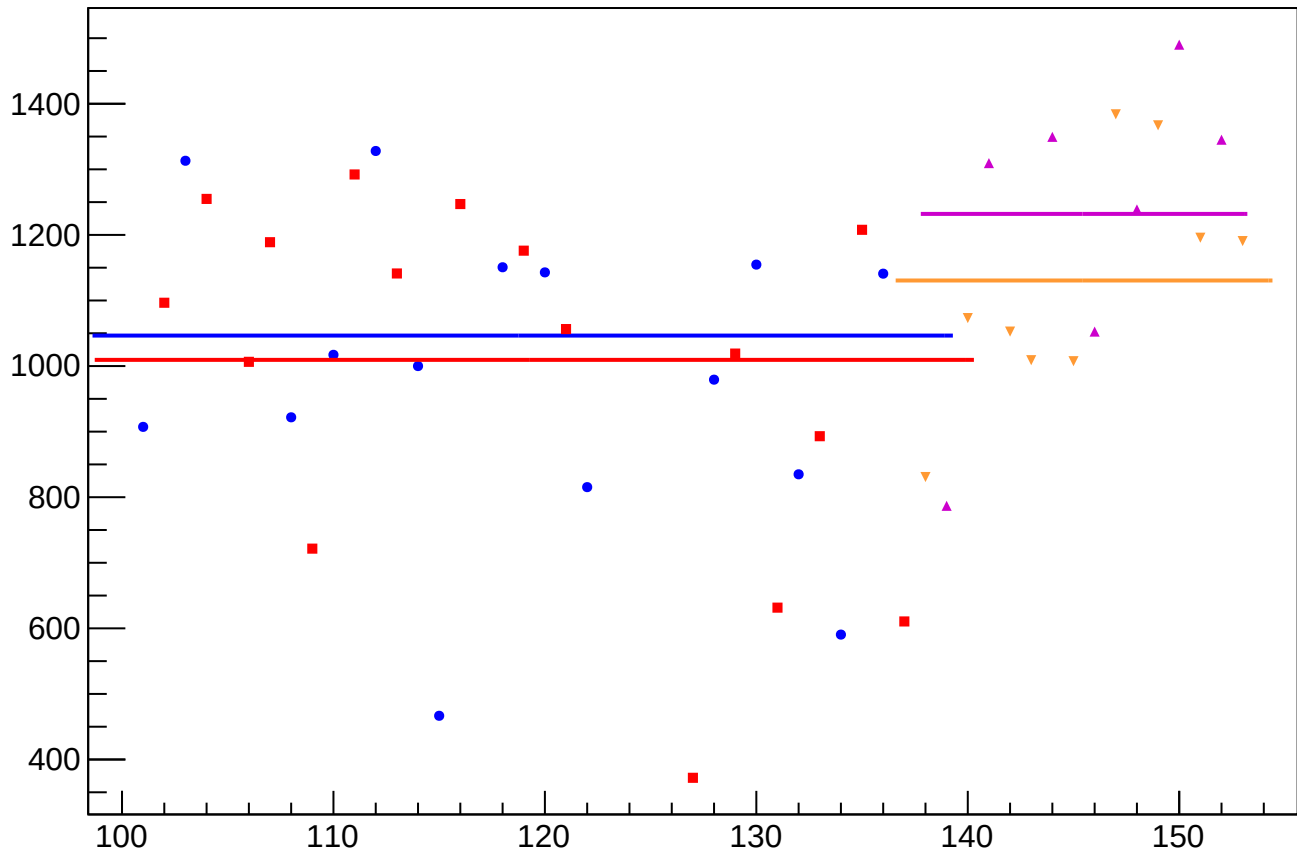
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5487.814+/-0.000 χ^2/NDF : 2265059786101384715539755538804891451392.0/8
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6250.169+/-0.000 χ^2/NDF : 799463014710866981525387143232641564672.0/6

dit_sam1_coil1_err_mean vs Slug



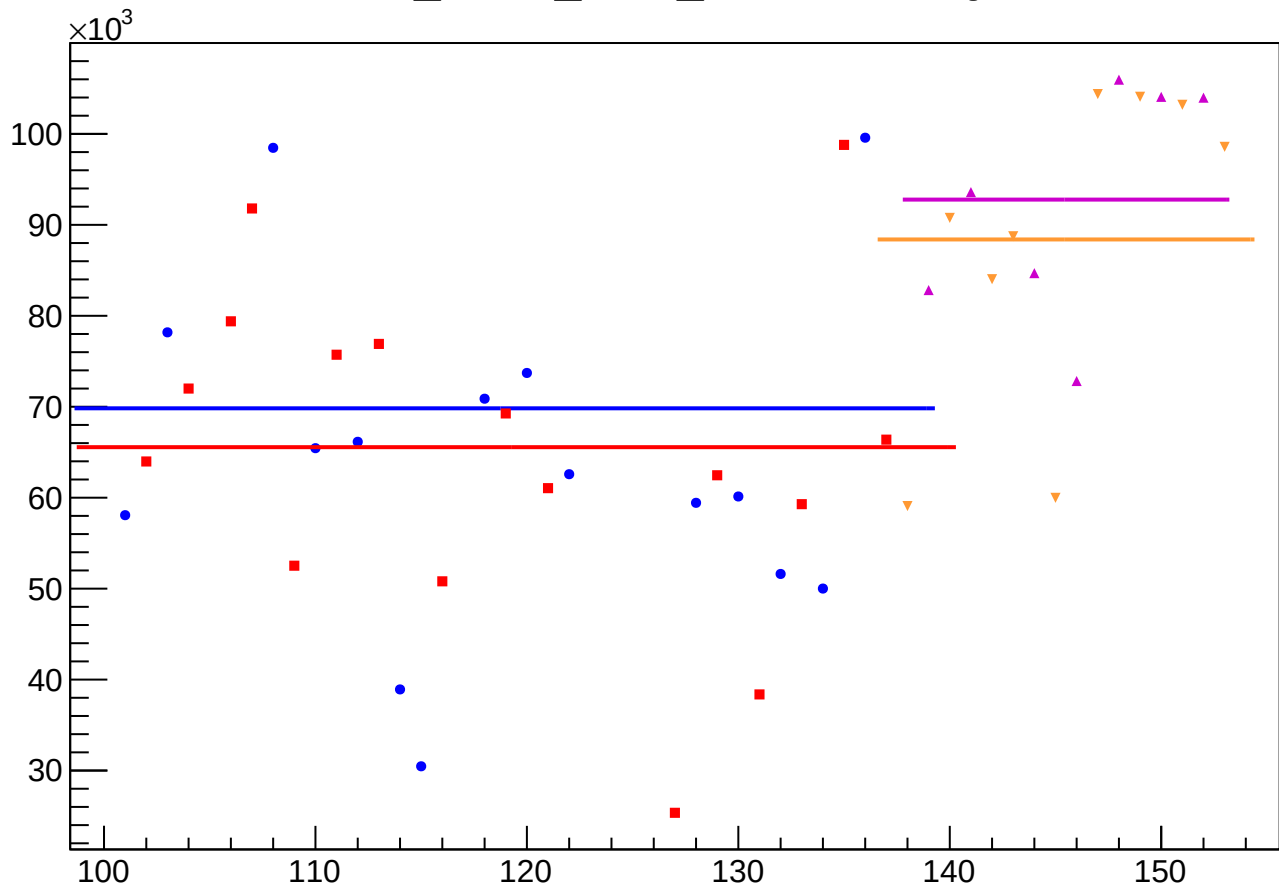
Right In: 138.577 $\pm$ 0.000 χ^2 /NDF: 4242369889979811373883774021335515136.0/14
 Left Out: 122.204 $\pm$ 0.000 χ^2 /NDF: 363290562743435807242599011291496448.0/8
 Right Out: 135.809 $\pm$ 0.000 χ^2 /NDF: 3956401741862524263243160868173643776.0/15
 Left In: 147.747 $\pm$ 0.000 χ^2 /NDF: 347168812074617391920031255337369600.0/6

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

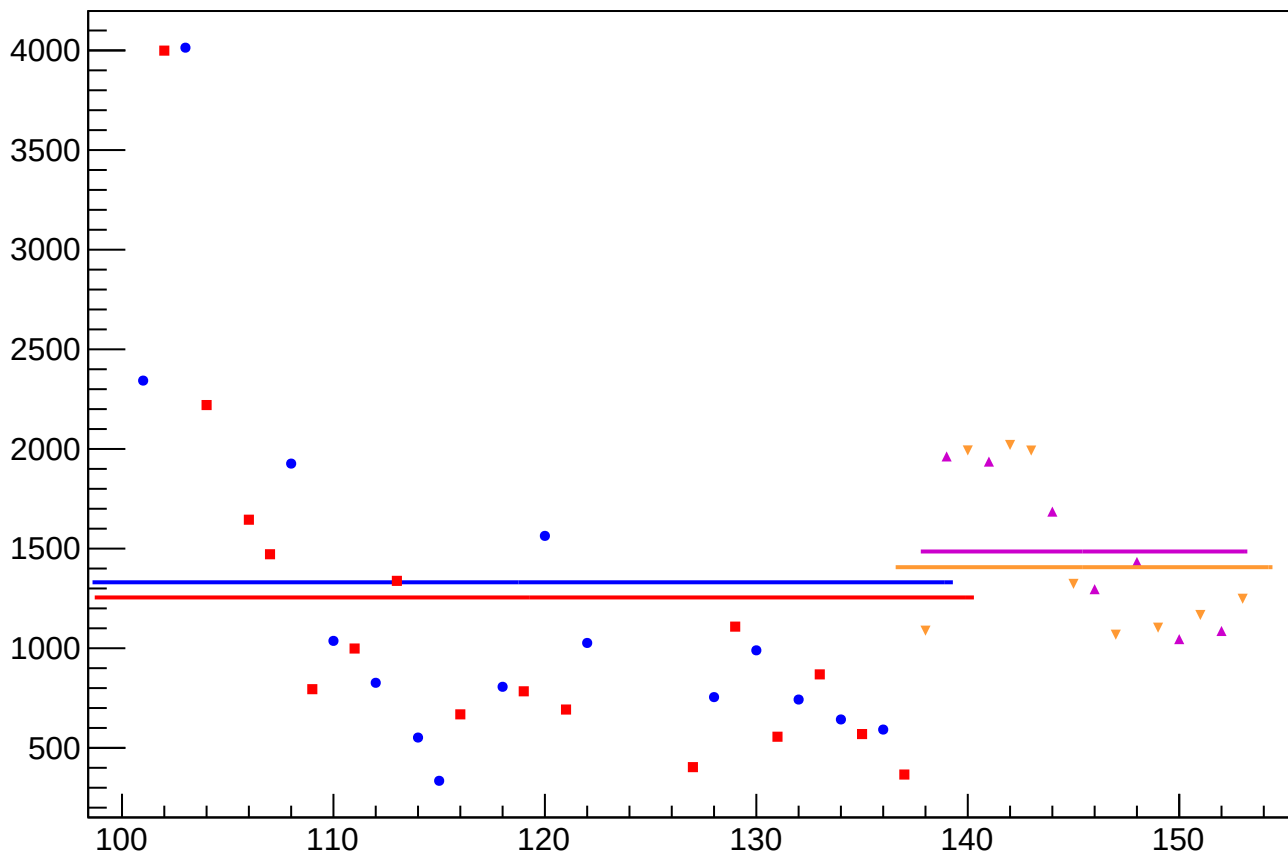
dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000	χ^2/NDF : 187803282116493131197684060541288926150656.0/14
Left Out: 88394.057+/-0.000	χ^2/NDF : 200060343646127921237359555303392686374912.0/8
Right Out: 65555.147+/-0.000	χ^2/NDF : 212001467811386750910625783195999741673472.0/15
Left In: 92776.433+/-0.000	χ^2/NDF : 84062424251884077007267466763920432168960.0/6

+ sign 79313.799+/-0.000 χ^2/NDF : 5021652270757
 All: 78889.959+/-0.000 χ^2/NDF : 1032772063
 - sign 78446.048+/-0.000 χ^2/NDF : 5301187823912

dit_sam2_coil1_err_mean vs Slug



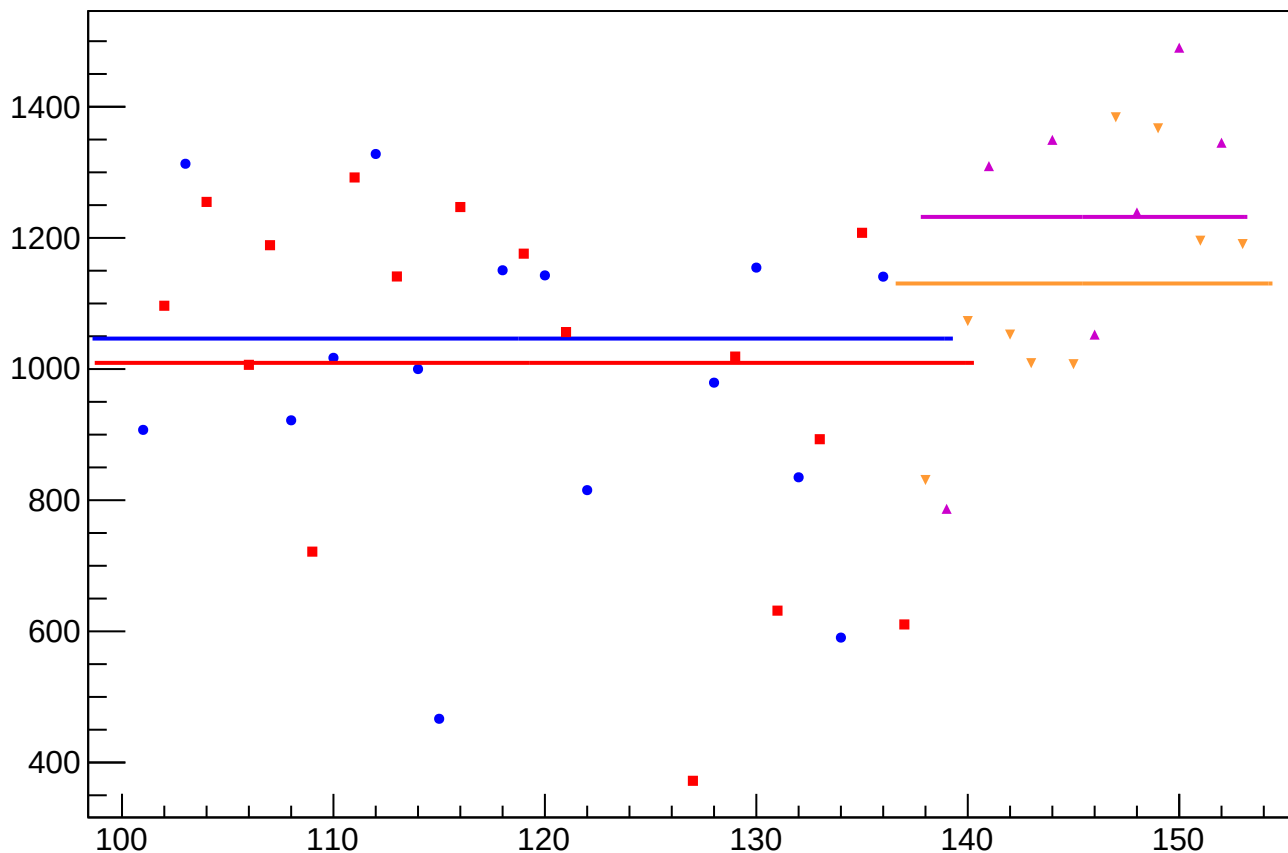
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1406.748+/-0.000 χ^2/NDF : 100137924724785558771055545814735650816.0/8

Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

Left In: 1485.501+/-0.000 χ^2/NDF : 73936156294040130631444148549949849600.0/6

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490 $\pm$ 0.000 χ^2 /NDF: 24866624766048512267031234680614551552.0/14

Left Out: 1130.493 $\pm$ 0.000 χ^2 /NDF: 20120490540226280517278959515063025664.0/8

Right Out: 1009.445 $\pm$ 0.000 χ^2 /NDF: 44602783681728168935494176019868286976.0/15

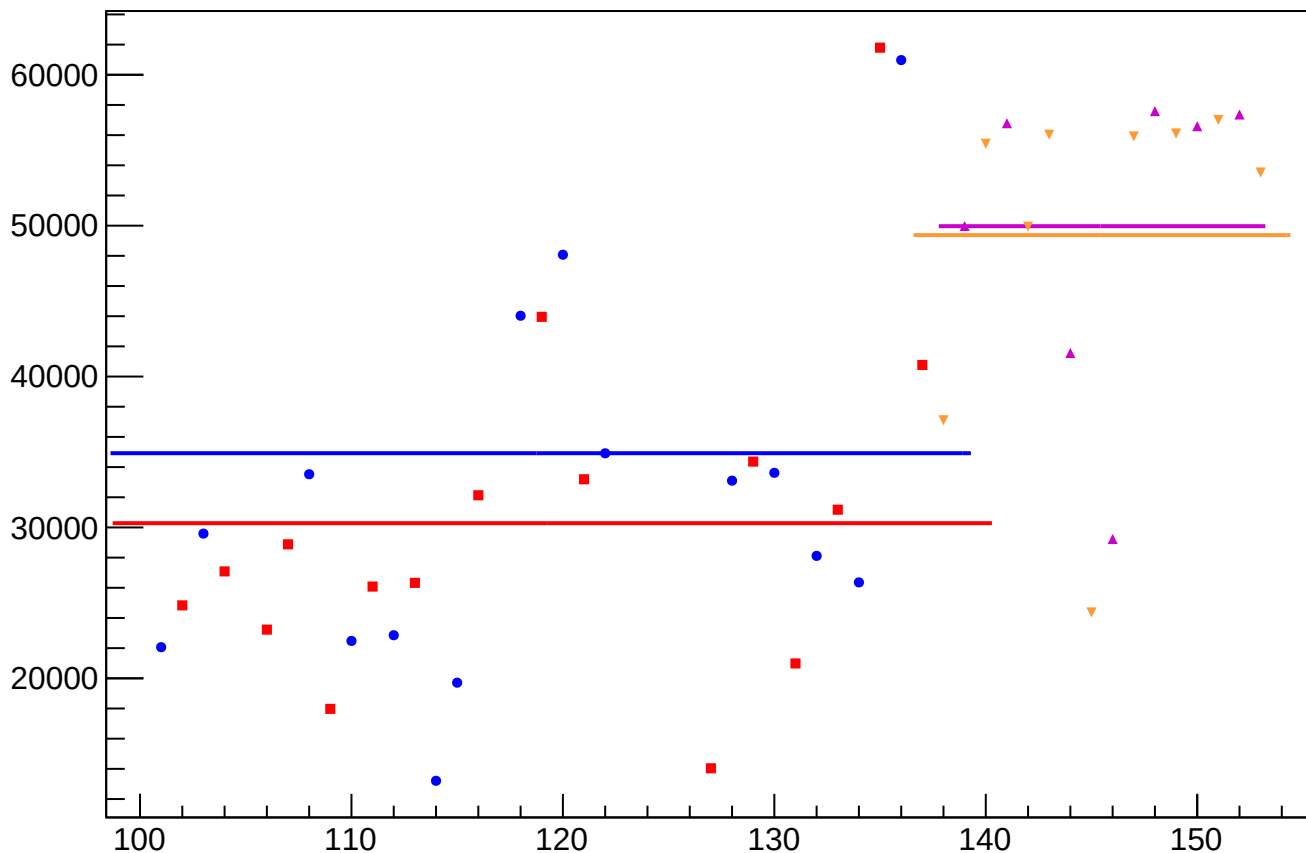
Left In: 1232.033 $\pm$ 0.000 χ^2 /NDF: 27642589162015186881949234538999709696.0/6

+ sign 1089.409 $\pm$ 0.000 χ^2 /NDF: 47326972466085

All: 1101.837 $\pm$ 0.000 χ^2 /NDF: 13564161776

- sign 1114.854 $\pm$ 0.000 χ^2 /NDF: 87895006745157

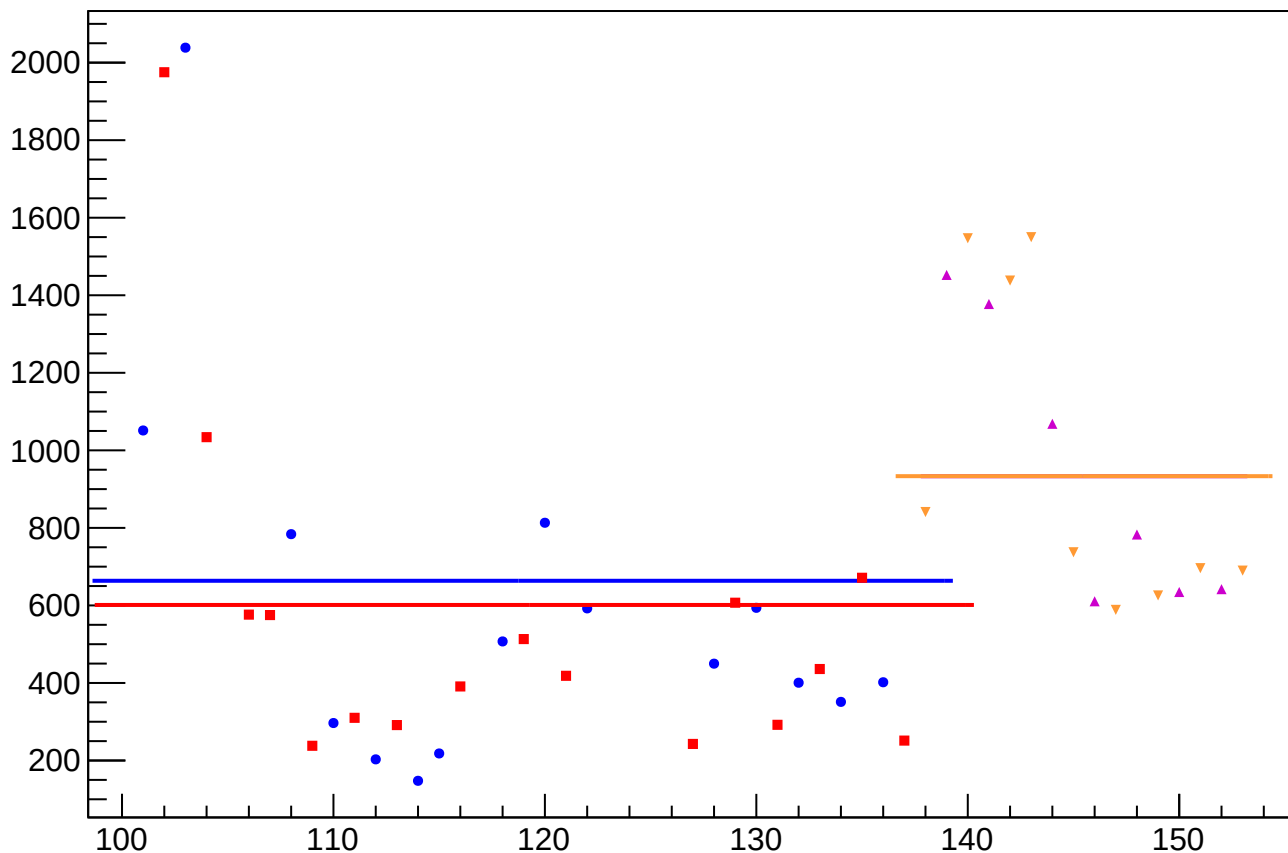
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 49375.085+/-0.000	χ^2/NDF : 81472466595791448787596754421938604998656.0/8
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 49966.371+/-0.000	χ^2/NDF : 59572172431380531430099562382069633908736.0/6

+ sign 42305.352+/-0.000 χ^2/NDF : 2571484591048
 All: 40985.878+/-0.000 χ^2/NDF : 5321815409
 - sign 39603.919+/-0.000 χ^2/NDF : 2703030287363

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 933.397+/-0.000 χ^2/NDF : 98438387741859014865340593671313031168.0/8

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

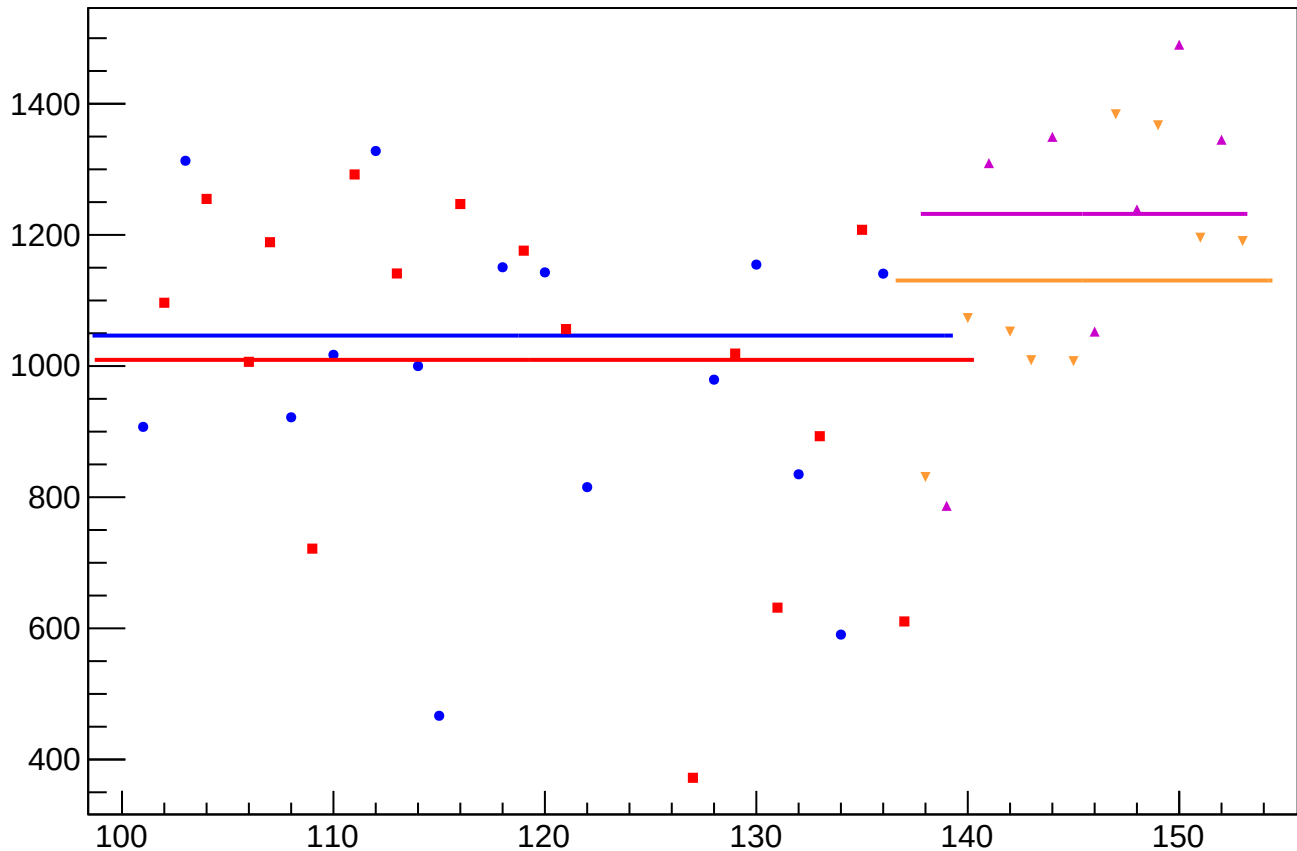
Left In: 933.154+/-0.000 χ^2/NDF : 66267392193260283765656641423412297728.0/6

+ sign 801.434+/-0.000 χ^2/NDF : 280271628483763

All: 780.419+/-0.000 χ^2/NDF : 532259492872

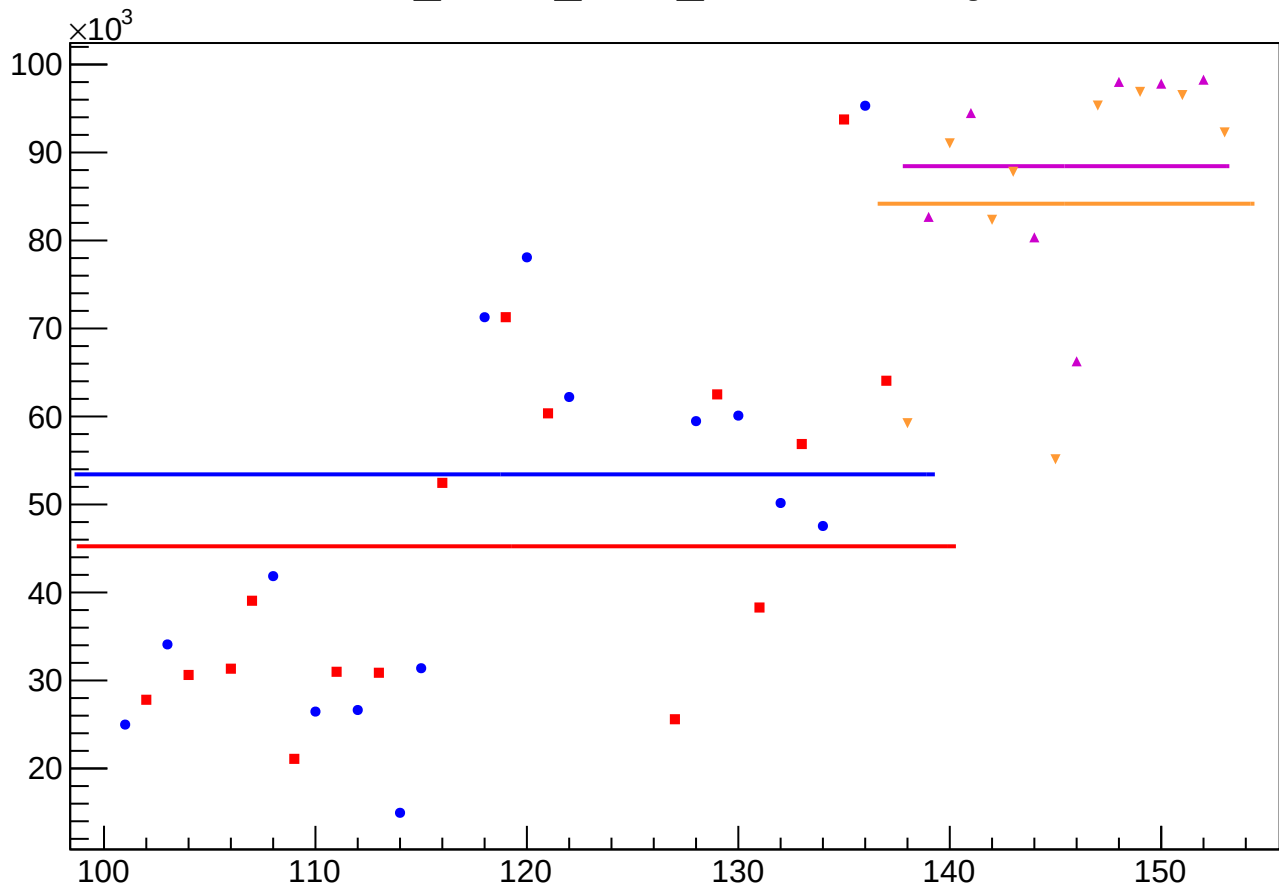
- sign 758.408+/-0.000 χ^2/NDF : 250788018972702

dit_sam3_coil1_Ndata_mean vs Slug



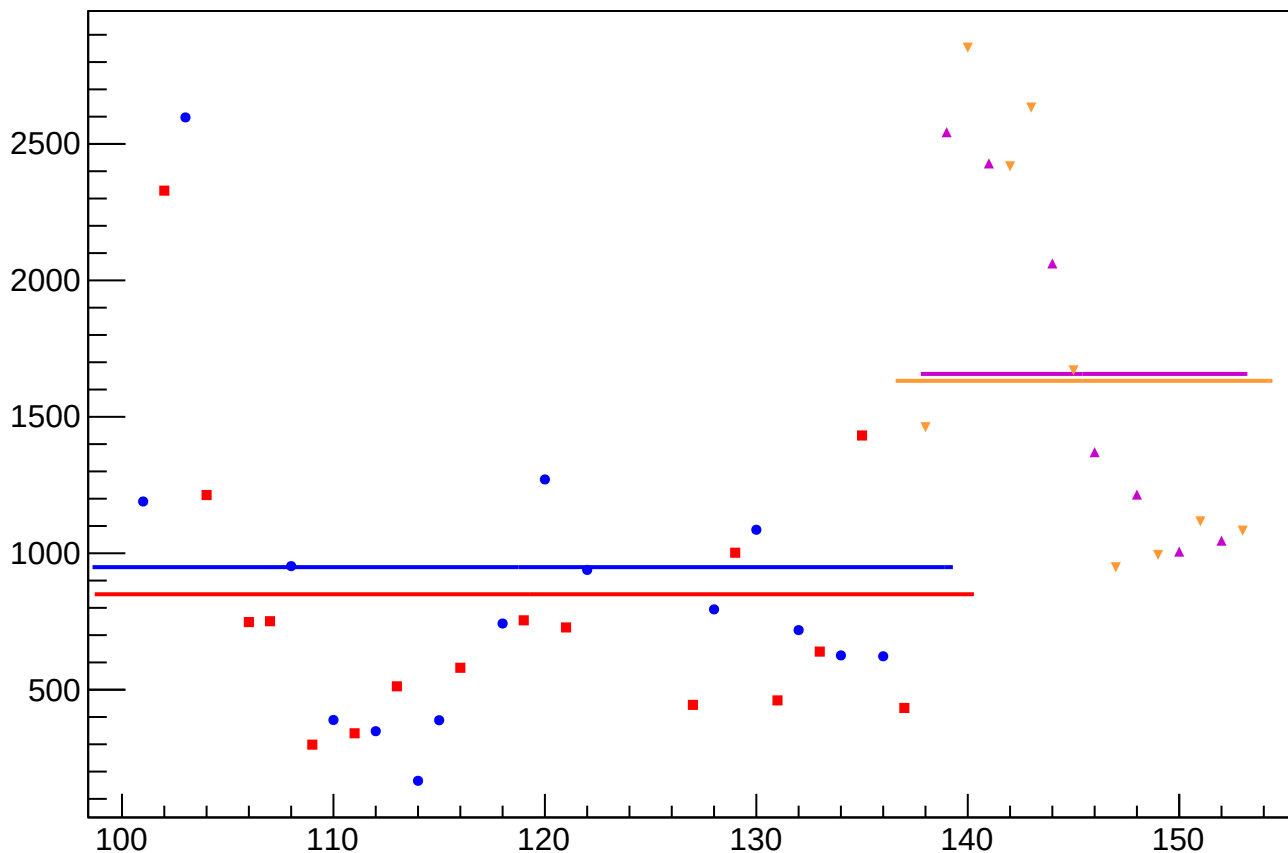
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 84178.950+/-0.000 χ^2/NDF : 162330457816447985549446702554791819608064.0/8
 Right Out: 45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 88444.790+/-0.000 χ^2/NDF : 76534883945705858837215086325341309894656.0/6

dit_sam4_coil1_err_mean vs Slug



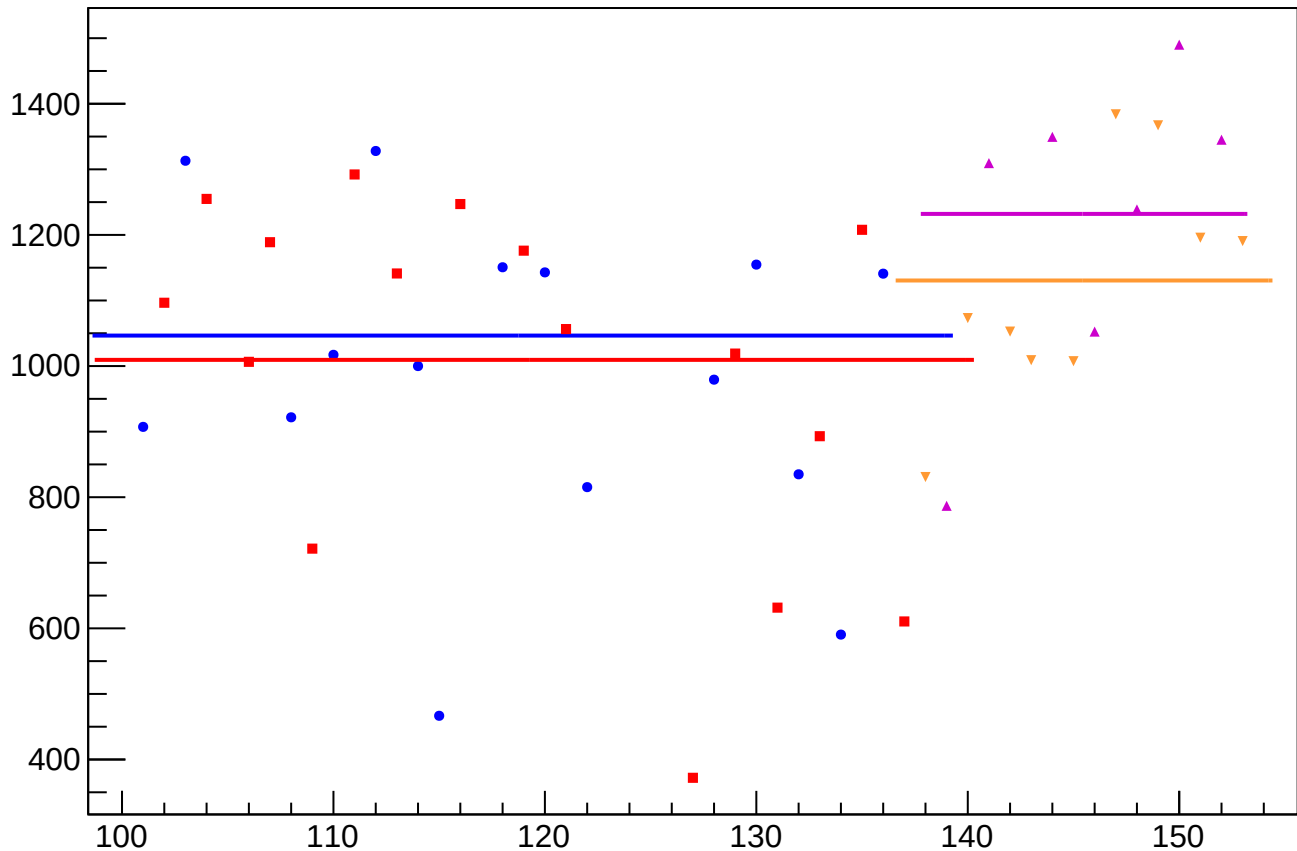
Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1631.917+/-0.000 χ^2/NDF : 336875249242756038737465411259171078144.0/8

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

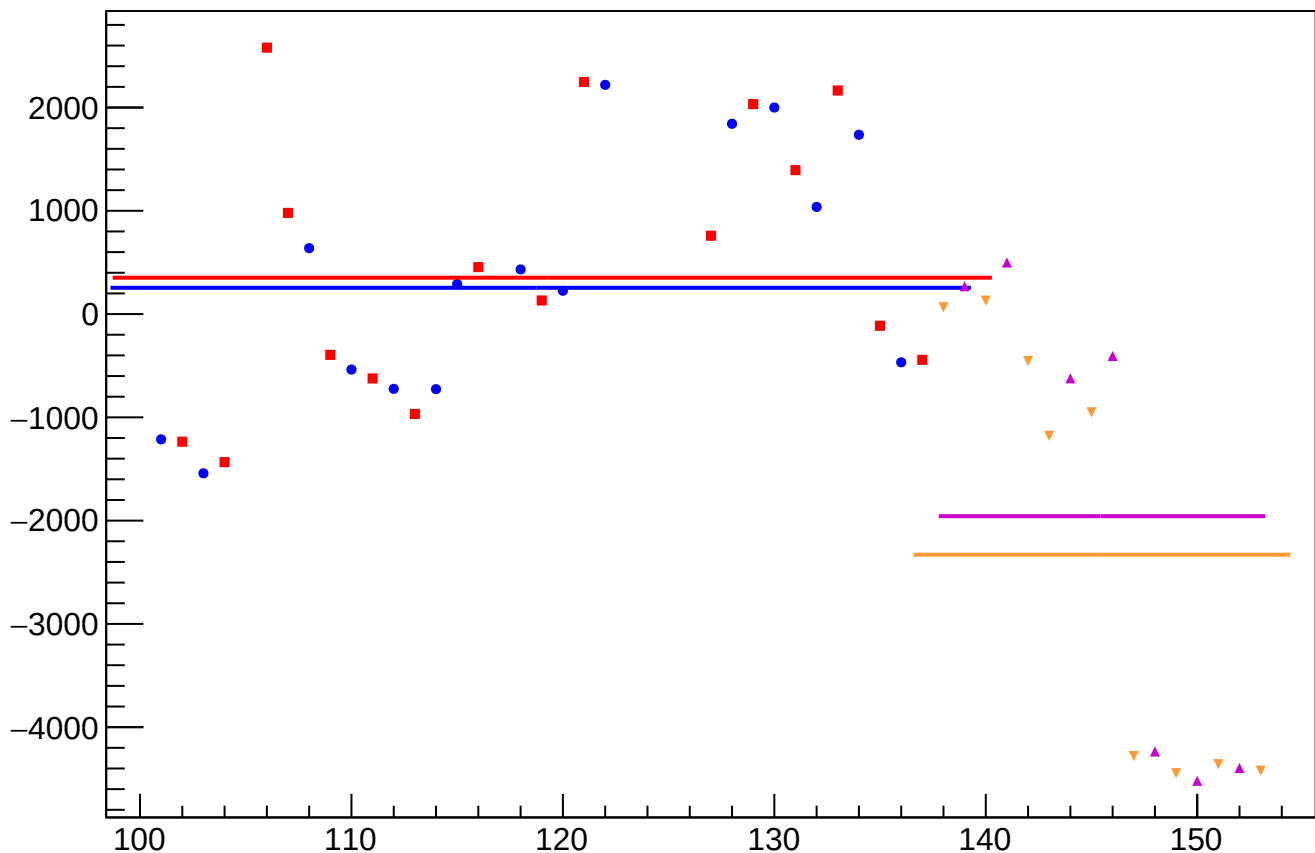
Left In: 1657.259+/-0.000 χ^2/NDF : 223032495610289039610461985377953513472.0/6

dit_sam4_coil1_Ndata_mean vs Slug



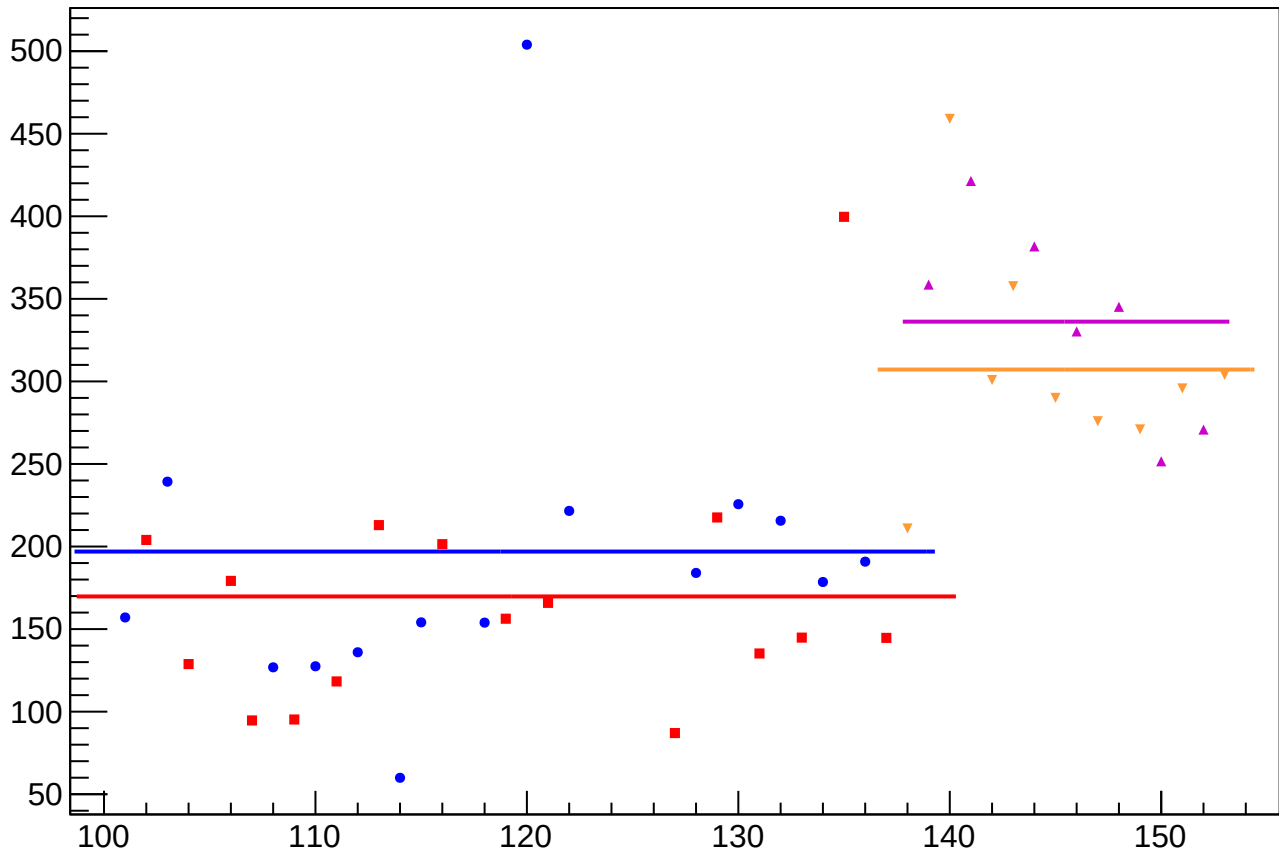
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

dit_sam5_coil1_mean vs Slug



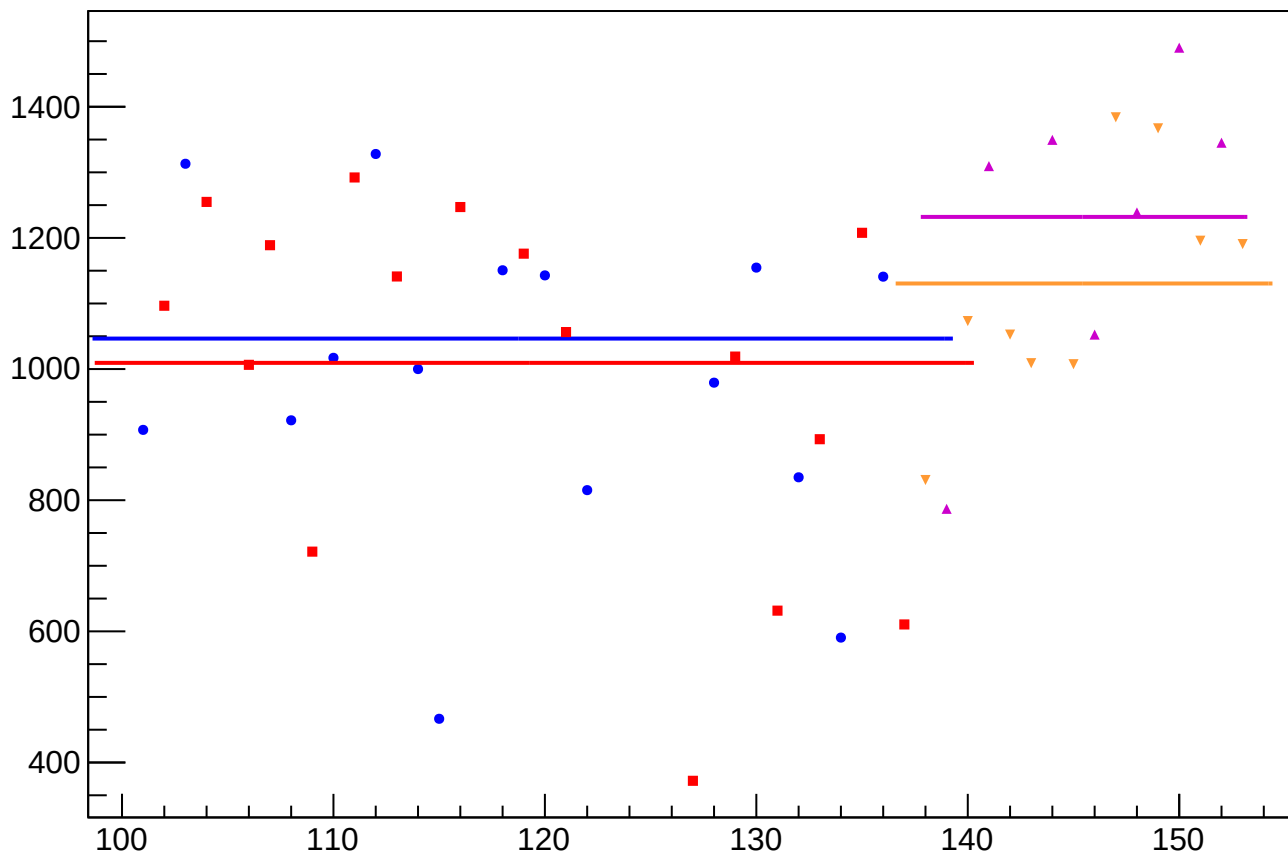
Right In: 254.578 $\pm$ 0.000 χ^2 /NDF: 978402113531006640741569223967249530880.0/14
 Left Out: -2329.996 $\pm$ 0.000 χ^2 /NDF: 2710004182697076062453992548645231132672.0/8
 Right Out: 352.308 $\pm$ 0.000 χ^2 /NDF: 1100813647101508513447529068154010468352.0/15
 Left In: -1956.916 $\pm$ 0.000 χ^2 /NDF: 2823223486346079614960408847036167749632.0/6

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 253.277+/-0.000	χ^2/NDF : 115219016397962
Left Out: 307.190+/-0.000	χ^2/NDF : 3007241266128161041135224207924264960.0/8	All: 250.985+/-0.000	χ^2/NDF : 260505458306
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 248.584+/-0.000	χ^2/NDF : 145143650079176
Left In: 336.189+/-0.000	χ^2/NDF : 1874643880356257175900677216051134464.0/6		

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

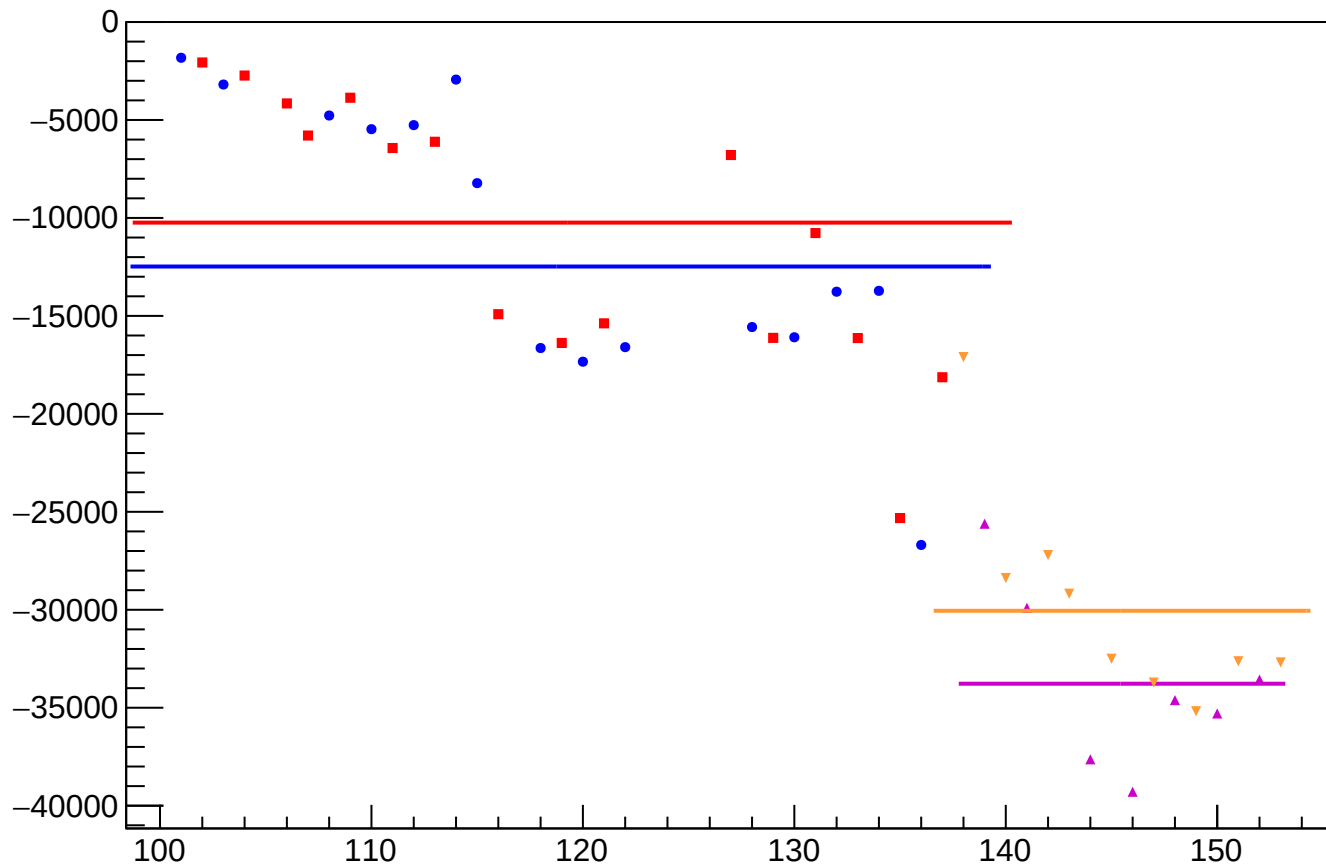
Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

+ sign 1089.409+/-0.000 χ^2/NDF : 47326972466085

All: 1101.837+/-0.000 χ^2/NDF : 13564161776

- sign 1114.854+/-0.000 χ^2/NDF : 87895006745157

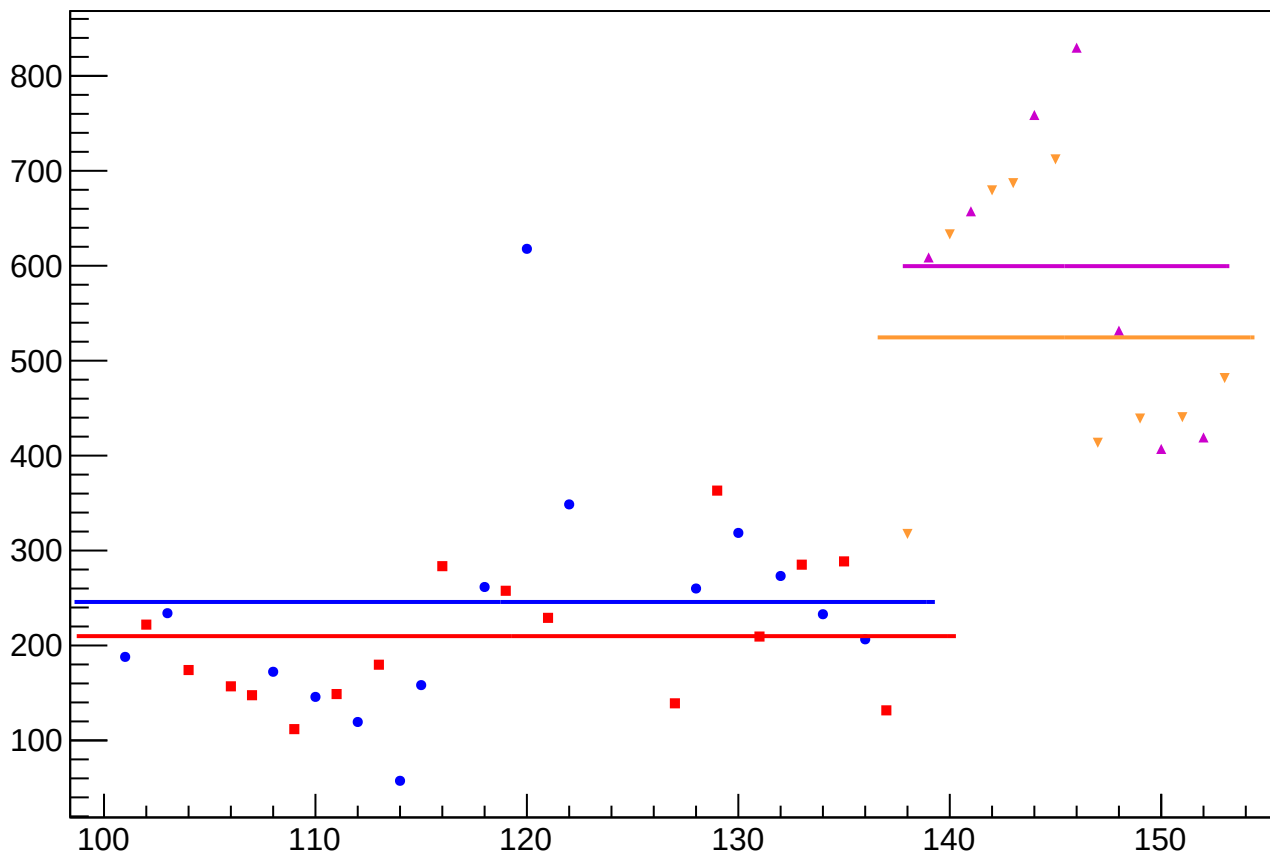
dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -30051.778+/-0.000	χ^2/NDF : 18571413158248064162821297256072942190592.0/8
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33774.086+/-0.000	χ^2/NDF : 10799973632238491940730623037730201796608.0/6

+ sign -21457.724+/-0.000 χ^2/NDF : 162138743445
 All: -21421.613+/-0.000 χ^2/NDF : 379140831
 - sign -21383.791+/-0.000 χ^2/NDF : 2169985451497

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14

+ sign 388.224+/-0.000 χ^2/NDF : 458868509482617

Left Out: 524.525+/-0.000 χ^2/NDF : 12304049734233100593513299510082666496.0/8

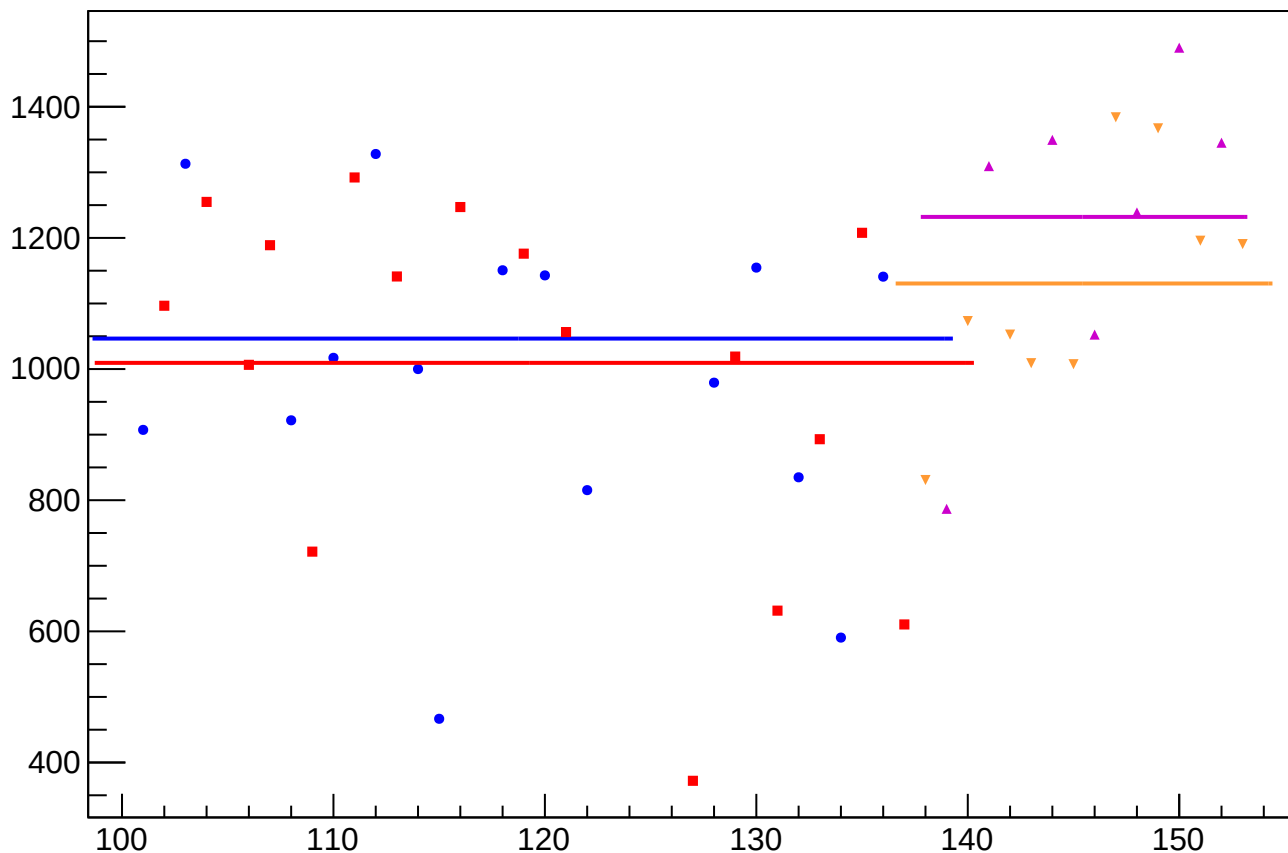
All: 391.246+/-0.000 χ^2/NDF : 11055703663

Right Out: 209.844+/-0.000 χ^2/NDF : 3128489258838765241921217786024034304.0/15

- sign 394.411+/-0.000 χ^2/NDF : 646453771625327

Left In: 599.588+/-0.000 χ^2/NDF : 135370203230994710550037576044444831744.0/6

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

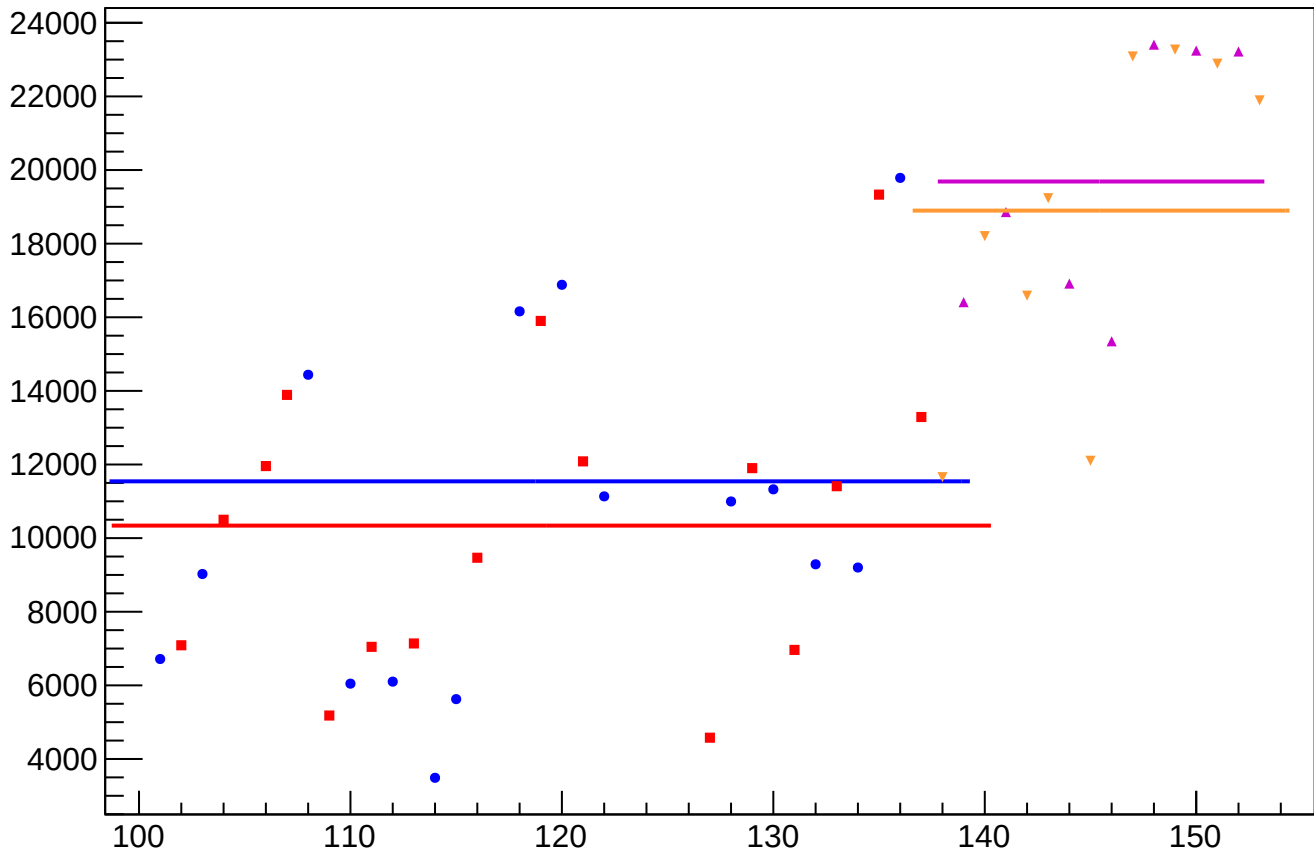
Left In: 1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6

+ sign 1089.409+/-0.000 χ^2/NDF : 47326972466085

All: 1101.837+/-0.000 χ^2/NDF : 13564161776

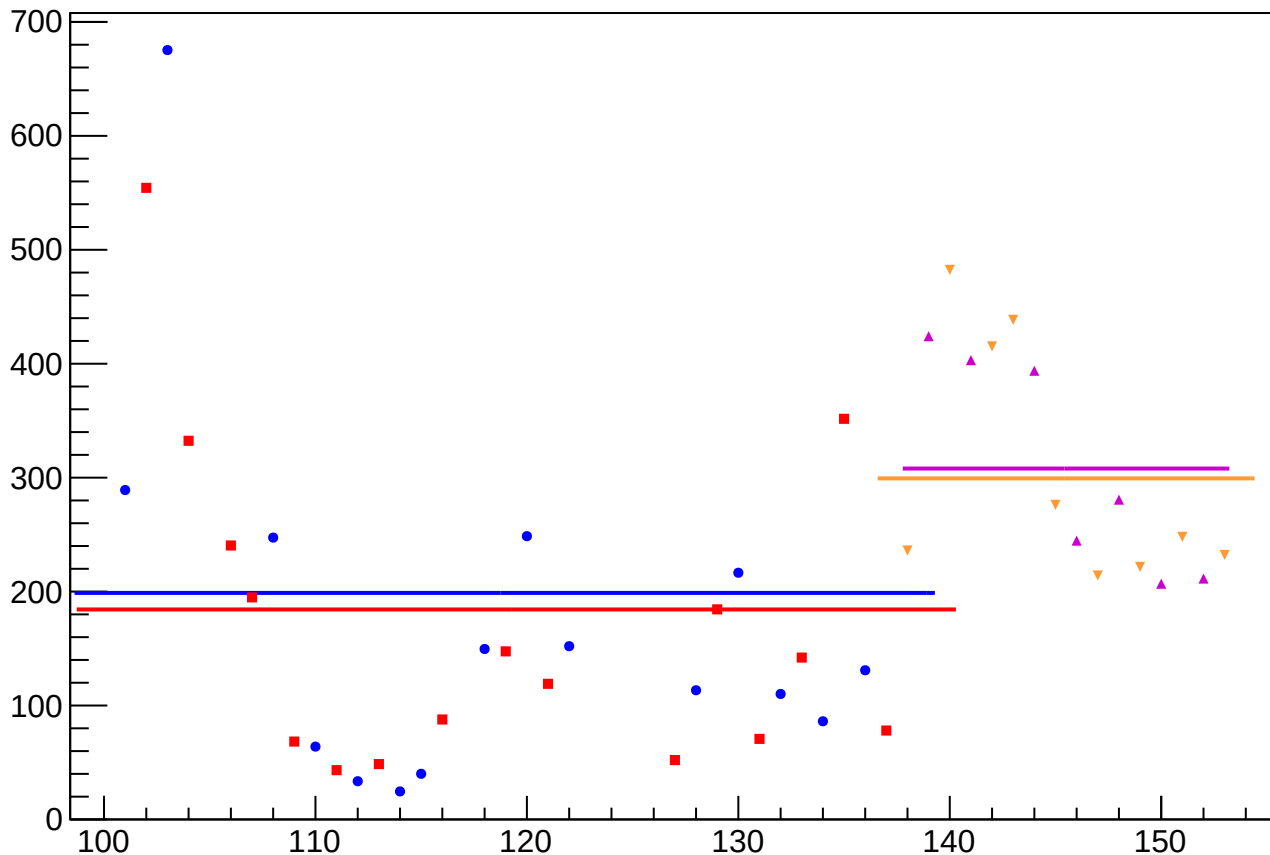
- sign 1114.854+/-0.000 χ^2/NDF : 87895006745157

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 18897.711+/-0.000 χ^2/NDF : 13088283759858253138346491448687899705344.0/8
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 19688.157+/-0.000 χ^2/NDF : 6574038208627361946639785668593204592640.0/6

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 299.374+/-0.000 χ^2/NDF : 6678621021367714767011729712353378304.0/8

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

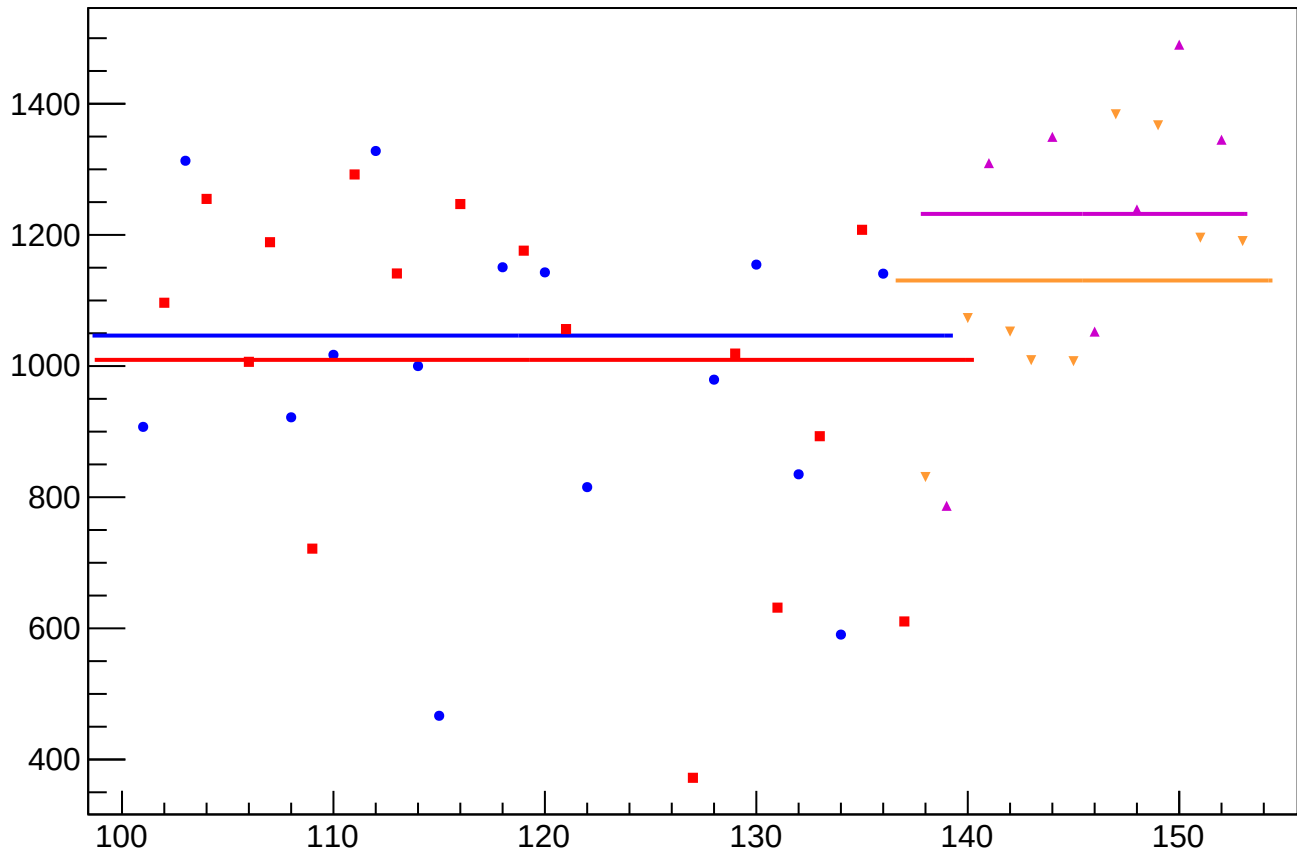
Left In: 307.996+/-0.000 χ^2/NDF : 4653927707086870973967377481410281472.0/6

+ sign 250.211+/-0.000 χ^2/NDF : 283633754045542

All: 246.636+/-0.000 χ^2/NDF : 528102034860

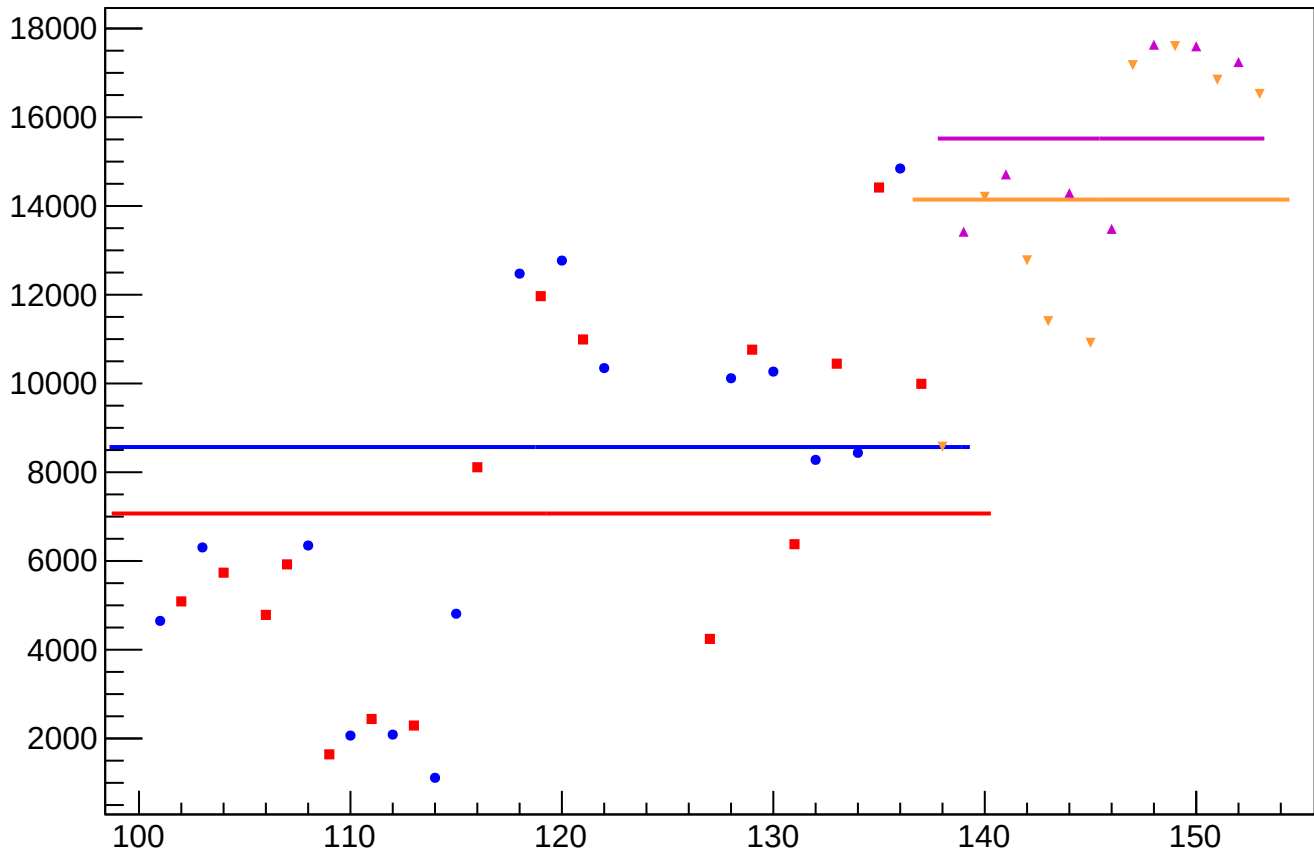
- sign 242.893+/-0.000 χ^2/NDF : 244121156065650

dit_sam7_coil1_Ndata_mean vs Slug



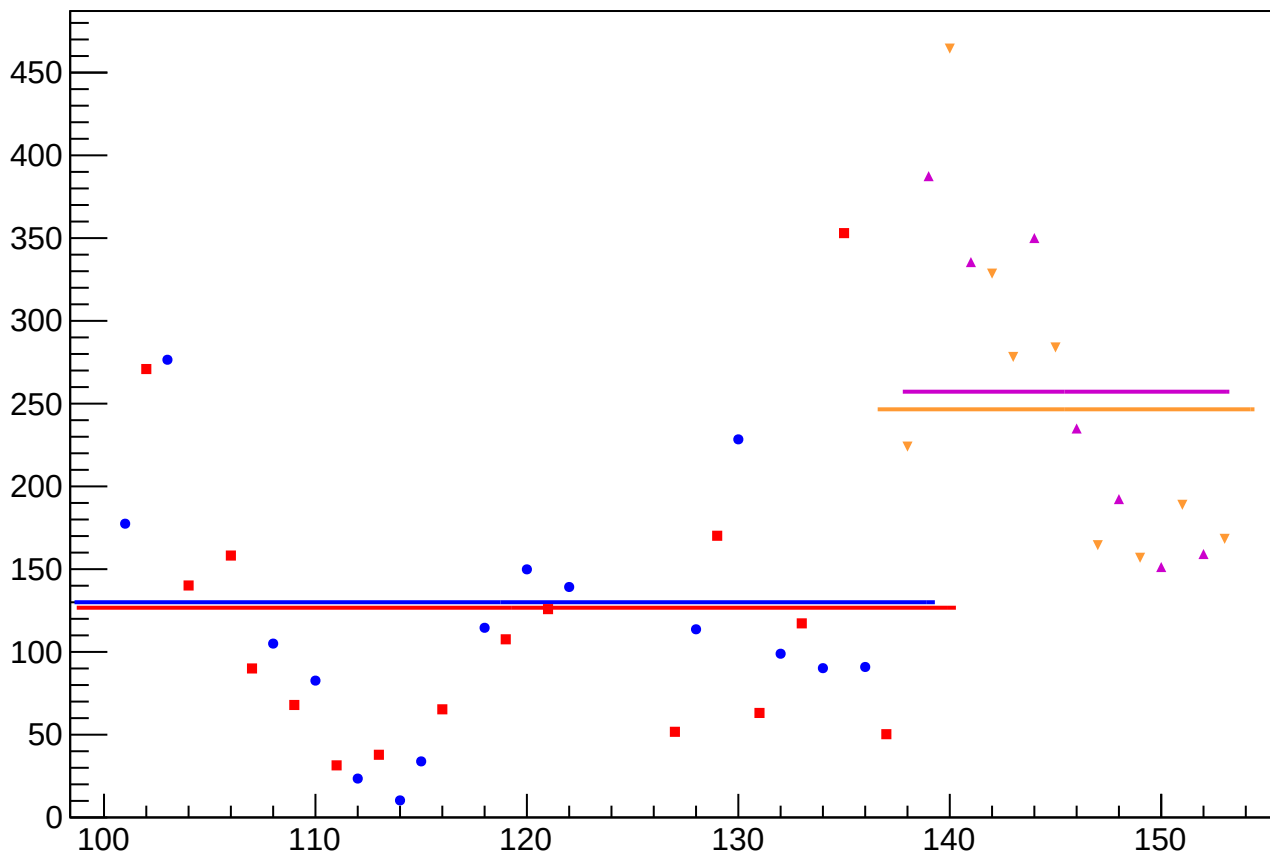
Right In: 1046.490 $\pm$ 0.000 χ^2 /NDF: 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493 $\pm$ 0.000 χ^2 /NDF: 20120490540226280517278959515063025664.0/8
 Right Out: 1009.445 $\pm$ 0.000 χ^2 /NDF: 44602783681728168935494176019868286976.0/15
 Left In: 1232.033 $\pm$ 0.000 χ^2 /NDF: 27642589162015186881949234538999709696.0/6

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14144.123+/-0.000 χ^2/NDF : 6616197631489477666054935154033879416832.0/8
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15519.844+/-0.000 χ^2/NDF : 1918634983765955343741749539578744668160.0/6

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021 $\pm$ 0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14

Left Out: 246.567 $\pm$ 0.000 χ^2/NDF : 6400868292353104917562233837766836224.0/8

Right Out: 126.709 $\pm$ 0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15

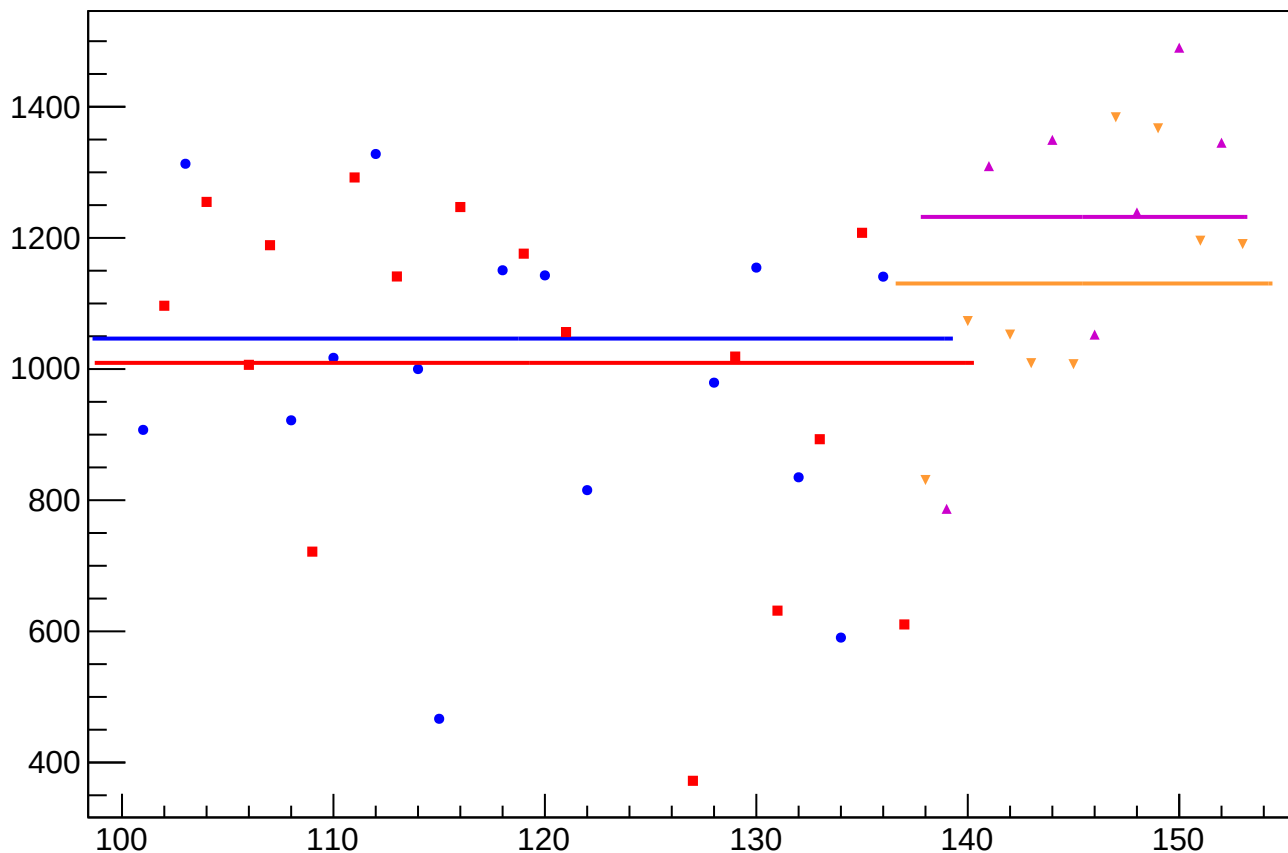
Left In: 257.214 $\pm$ 0.000 χ^2/NDF : 4913800289486875674352565953190952960.0/6

+ sign 189.567 $\pm$ 0.000 χ^2/NDF : 140201825149025

All: 189.051 $\pm$ 0.000 χ^2/NDF : 297114898736

- sign 188.511 $\pm$ 0.000 χ^2/NDF : 156905834644363

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490 $\pm$ 0.000 χ^2 /NDF: 24866624766048512267031234680614551552.0/14

Left Out: 1130.493 $\pm$ 0.000 χ^2 /NDF: 20120490540226280517278959515063025664.0/8

Right Out: 1009.445 $\pm$ 0.000 χ^2 /NDF: 44602783681728168935494176019868286976.0/15

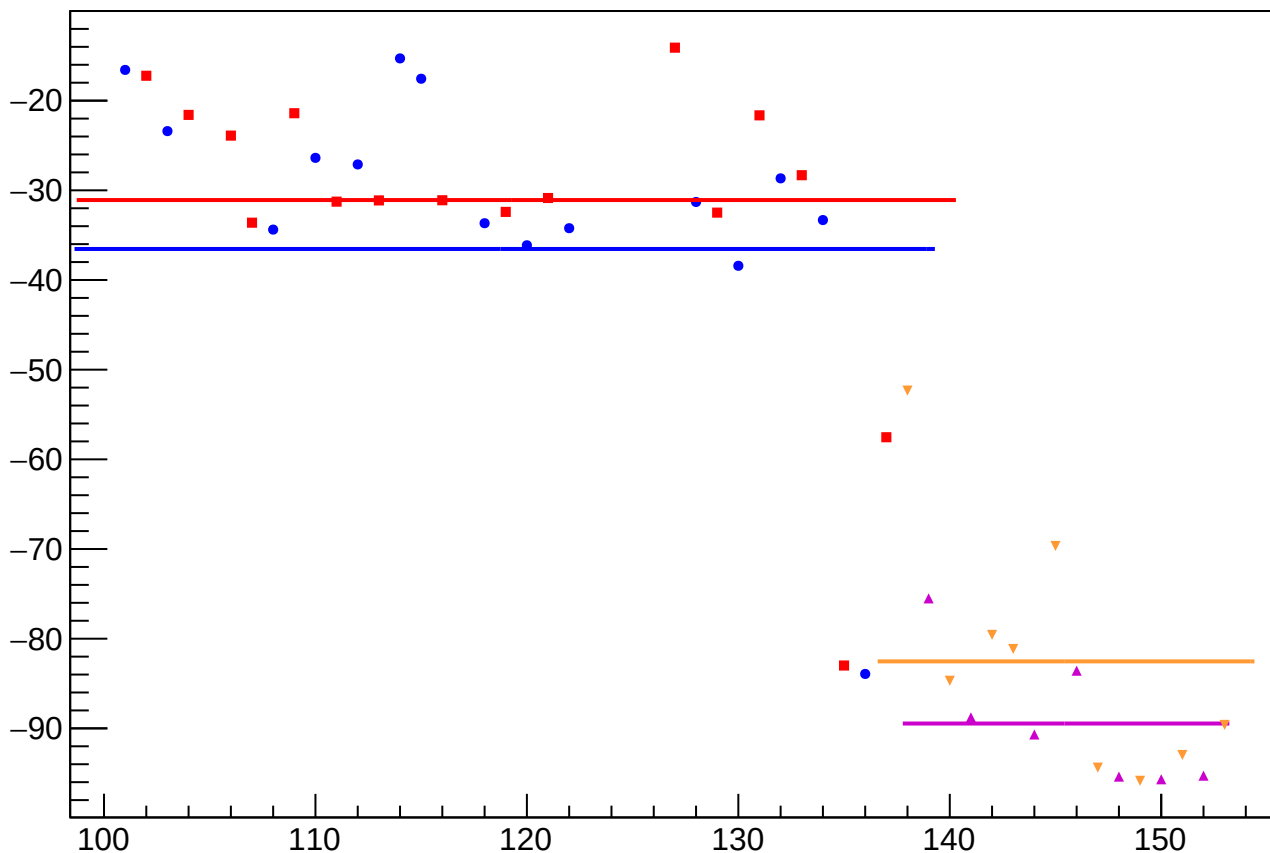
Left In: 1232.033 $\pm$ 0.000 χ^2 /NDF: 27642589162015186881949234538999709696.0/6

+ sign 1089.409 $\pm$ 0.000 χ^2 /NDF: 47326972466085

All: 1101.837 $\pm$ 0.000 χ^2 /NDF: 13564161776

- sign 1114.854 $\pm$ 0.000 χ^2 /NDF: 87895006745157

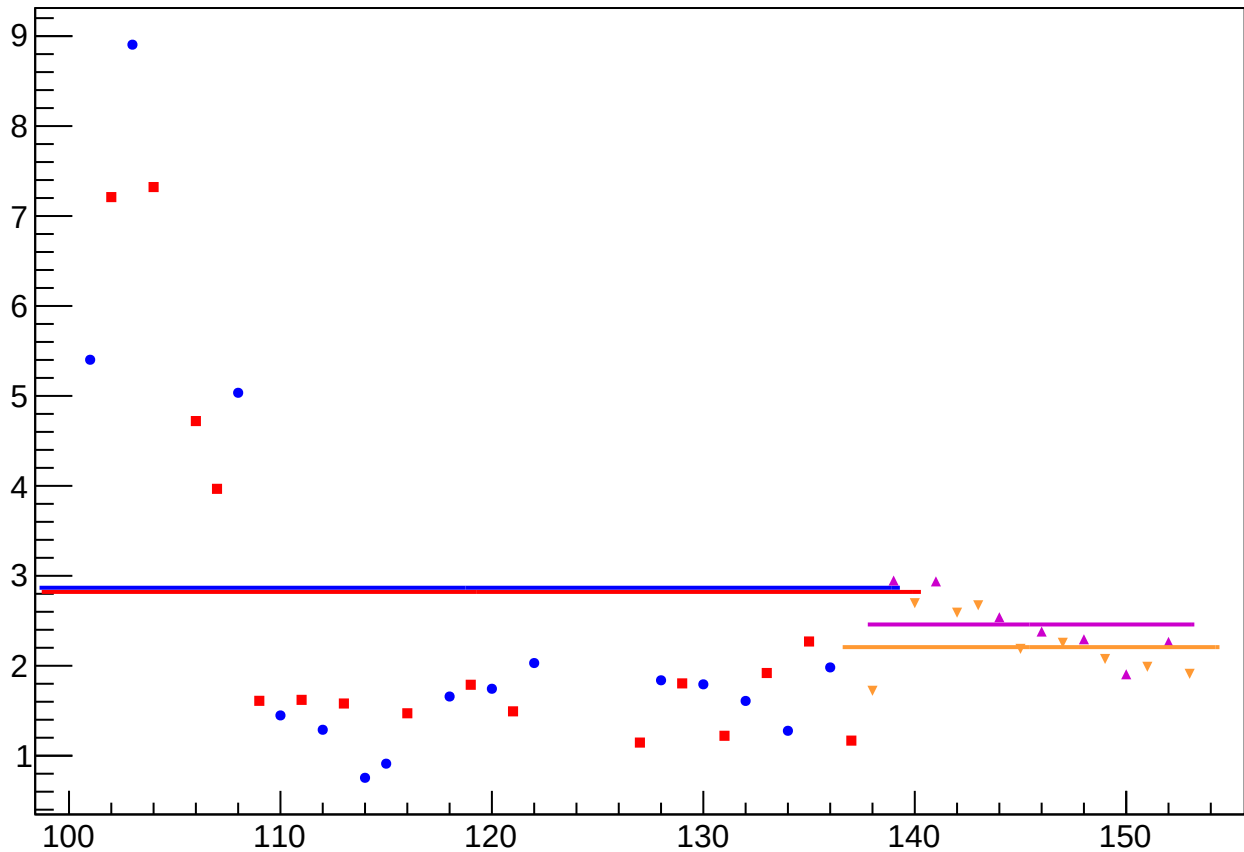
dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000	χ^2/NDF : 254351867861444609202637633864335360.0/14
Left Out: -82.530+/-0.000	χ^2/NDF : 123953876517892922407971990555066368.0/8
Right Out: -31.085+/-0.000	χ^2/NDF : 181291079119381636178408498876383232.0/15
Left In: -89.460+/-0.000	χ^2/NDF : 28235488490324759413580043751784448.0/6

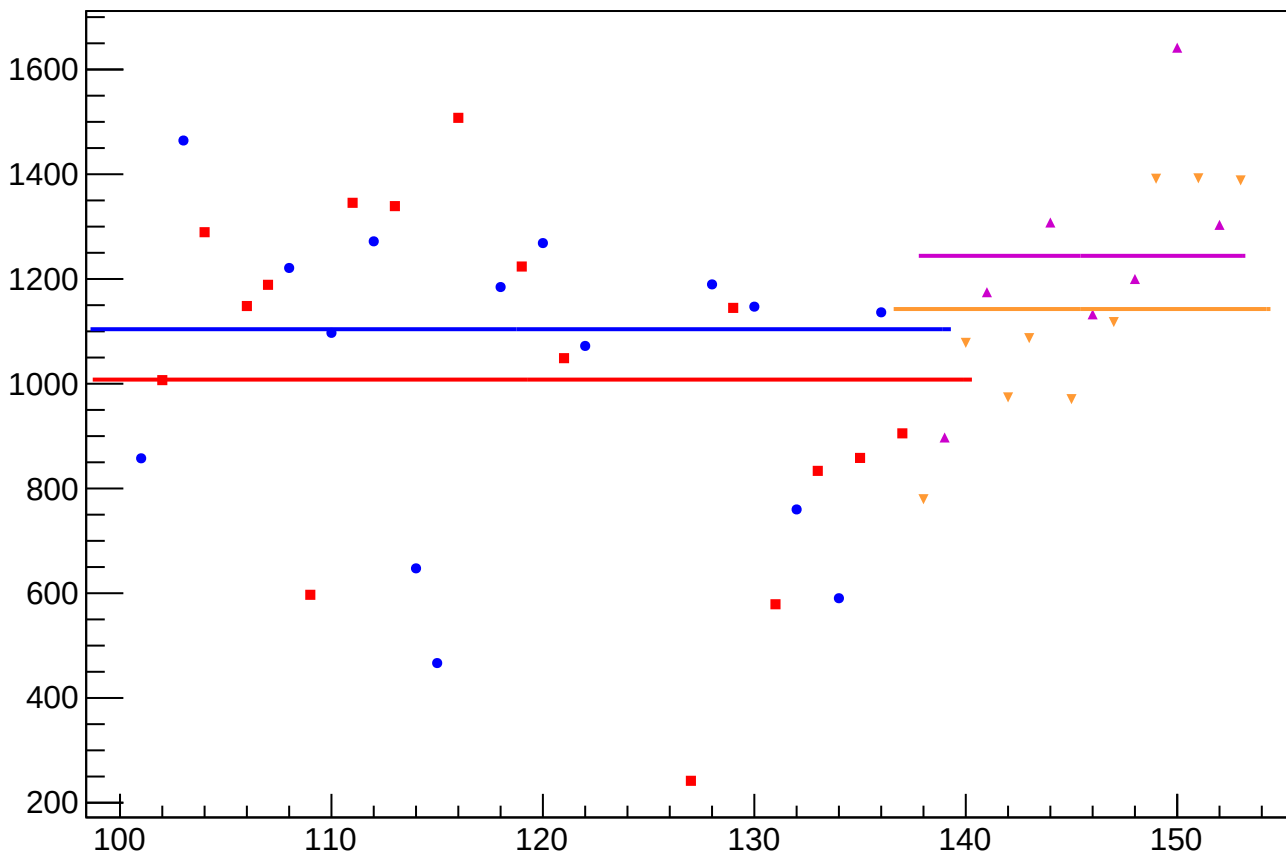
+ sign -60.037+/-0.000 χ^2/NDF : 107964388470660
 All: -59.398+/-0.000 χ^2/NDF : 236661676292
 - sign -58.729+/-0.000 χ^2/NDF : 1285863448905527

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.207+/-0.000 χ^2/NDF : 72002148337403581032489589669888.0/8
 Right Out: 2.821+/-0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.459+/-0.000 χ^2/NDF : 73351016678416022632192622460928.0/6

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

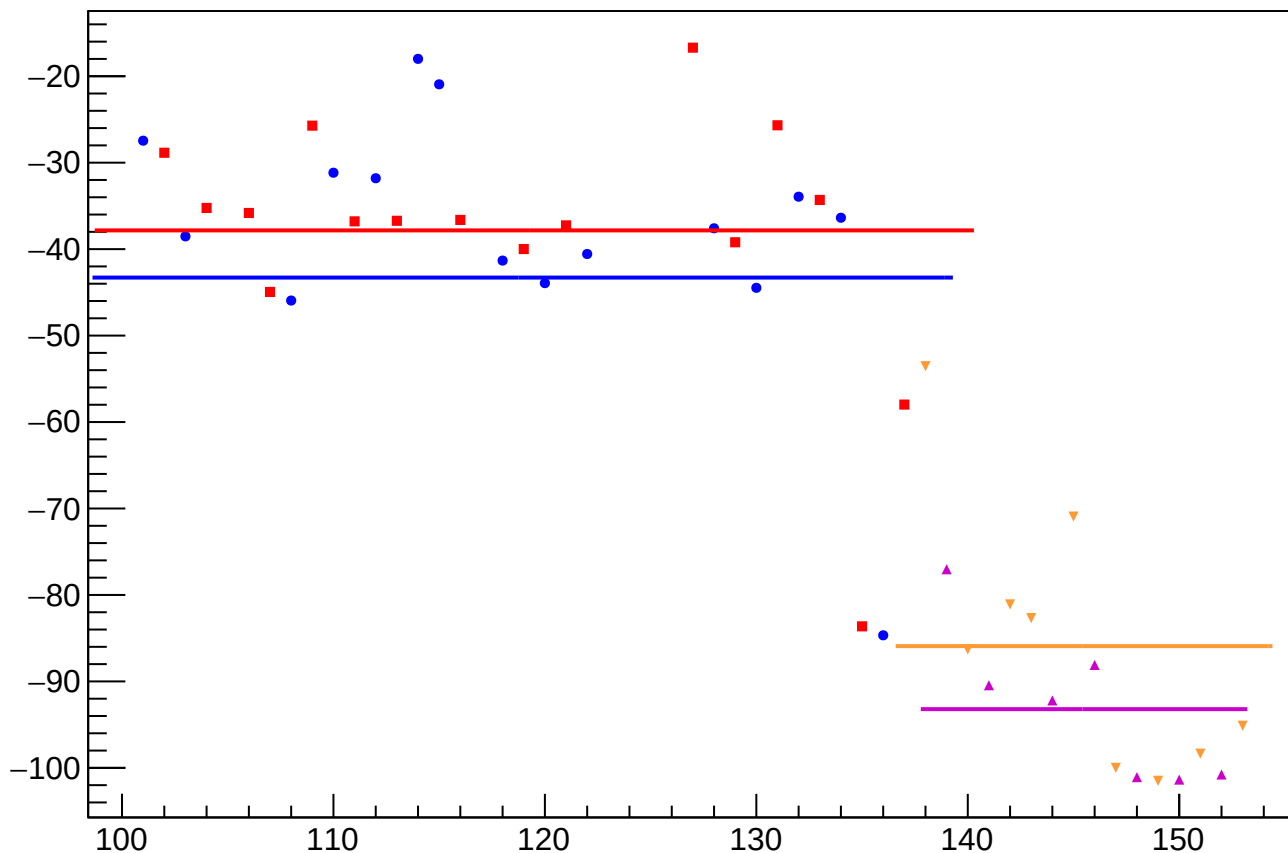
Left In: 1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6

+ sign 1123.799 $\pm$ 0.000 χ^2 /NDF: 62943916536486

All: 1121.852 $\pm$ 0.000 χ^2 /NDF: 17606313096

- sign 1119.814 $\pm$ 0.000 χ^2 /NDF: 11310892129644

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -85.917+/-0.000 χ^2/NDF : 156713282337154501252419234050342912.0/8

Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

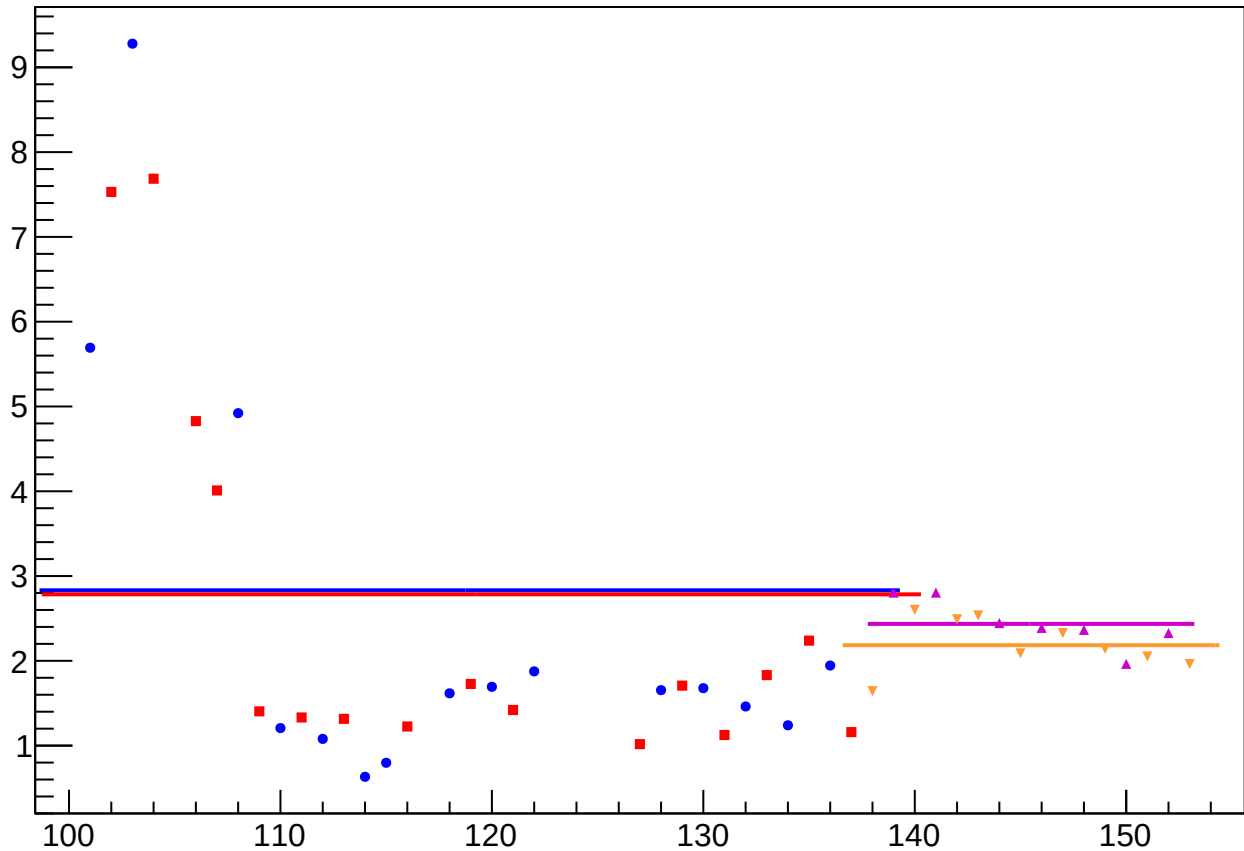
Left In: -93.208+/-0.000 χ^2/NDF : 40322441629177003529400664111185920.0/6

+ sign -65.069+/-0.000 χ^2/NDF : 958601035566274

All: -64.574+/-0.000 χ^2/NDF : 211684896579

- sign -64.056+/-0.000 χ^2/NDF : 1157582416417881

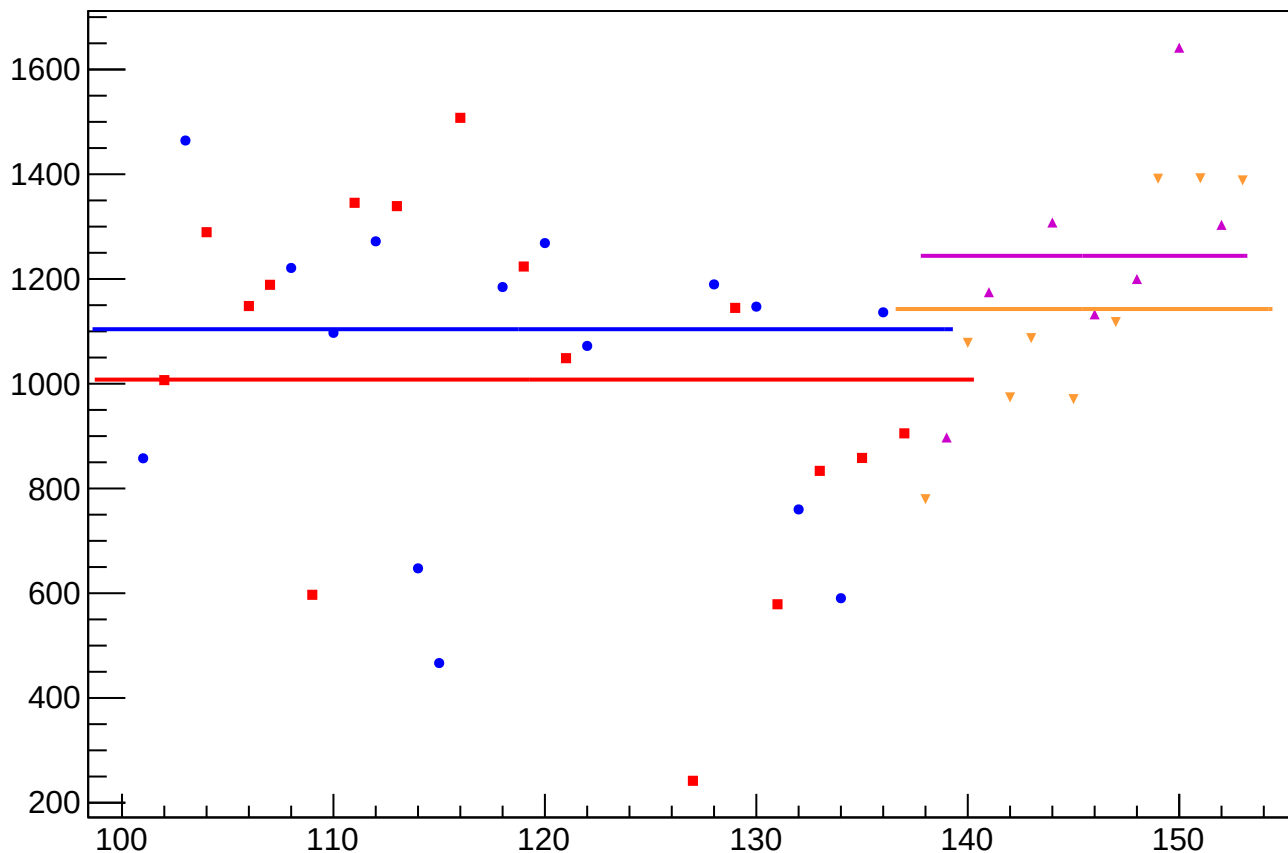
dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000	χ^2 /NDF: 3957672531929017328512564323155968.0/14
Left Out: 2.184 $\pm$ 0.000	χ^2 /NDF: 57834667589068616985795031465984.0/8
Right Out: 2.784 $\pm$ 0.000	χ^2 /NDF: 3589544956108116898091236897849344.0/15
Left In: 2.436 $\pm$ 0.000	χ^2 /NDF: 44461176839177498902289469931520.0/6

+ sign 2.501 $\pm$ 0.000 χ^2 /NDF: 41544753486326487
 All: 2.559 $\pm$ 0.000 χ^2 /NDF: 78358844363447
 - sign 2.619 $\pm$ 0.000 χ^2 /NDF: 36723700686123434

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

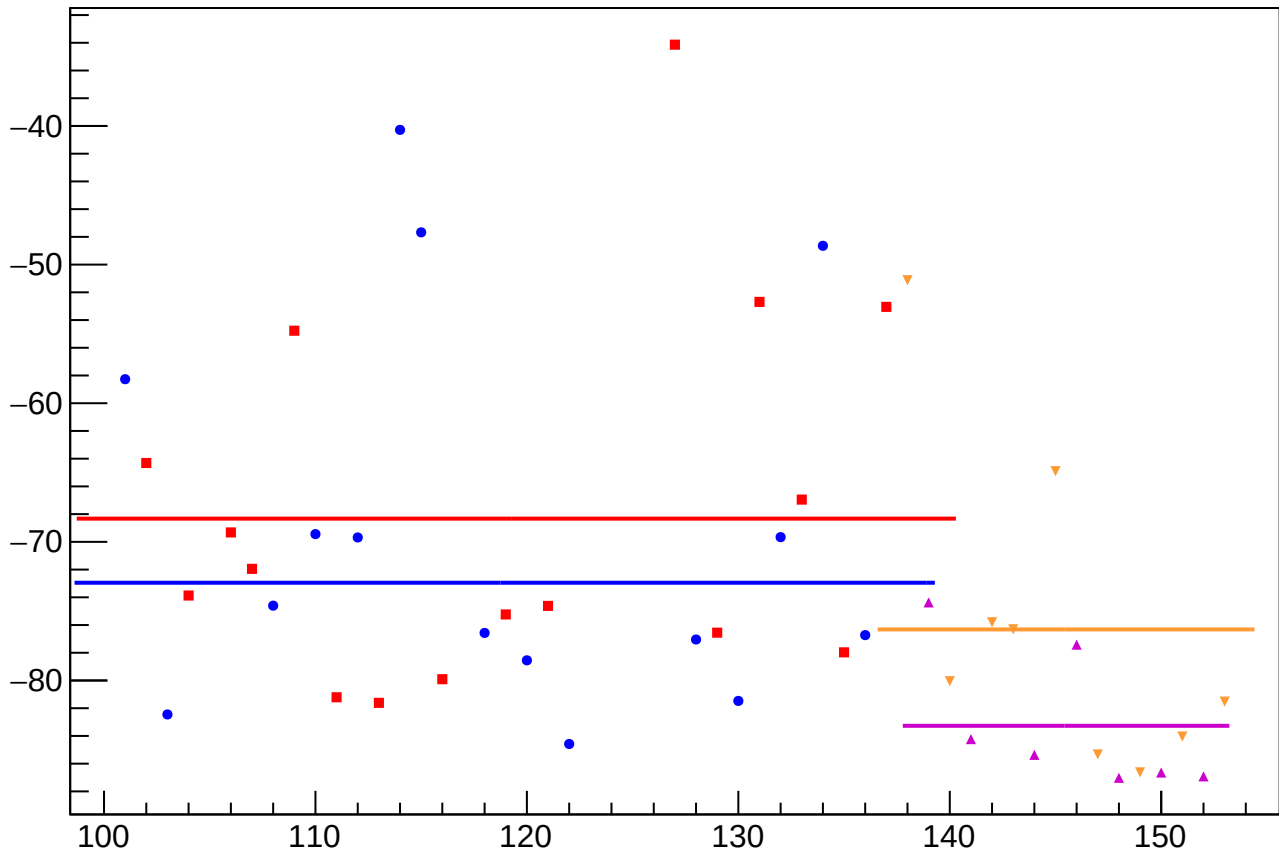
Left In: 1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6

+ sign 1123.799 $\pm$ 0.000 χ^2 /NDF: 62943916536486

All: 1121.852 $\pm$ 0.000 χ^2 /NDF: 17606313096

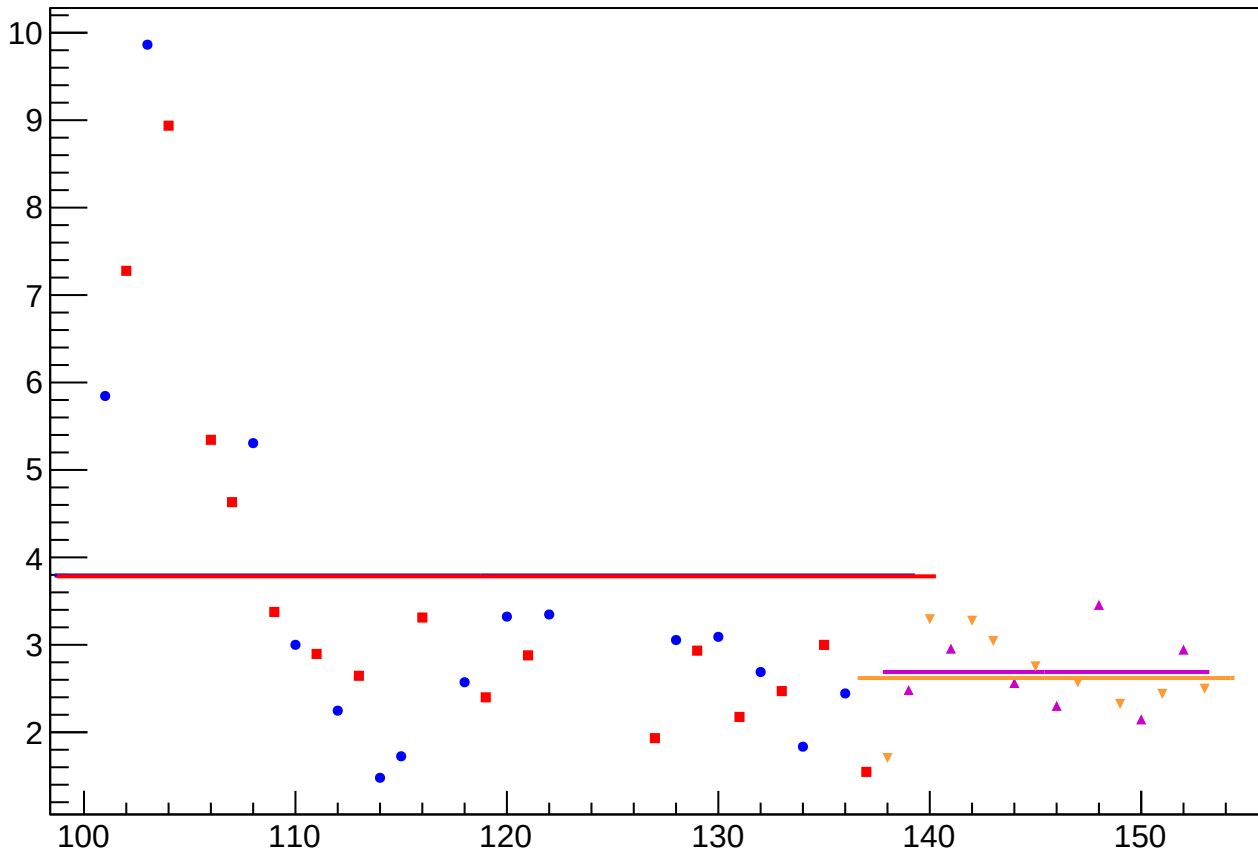
- sign 1119.814 $\pm$ 0.000 χ^2 /NDF: 11310892129644

dit_11X12X_coil3_mean vs Slug



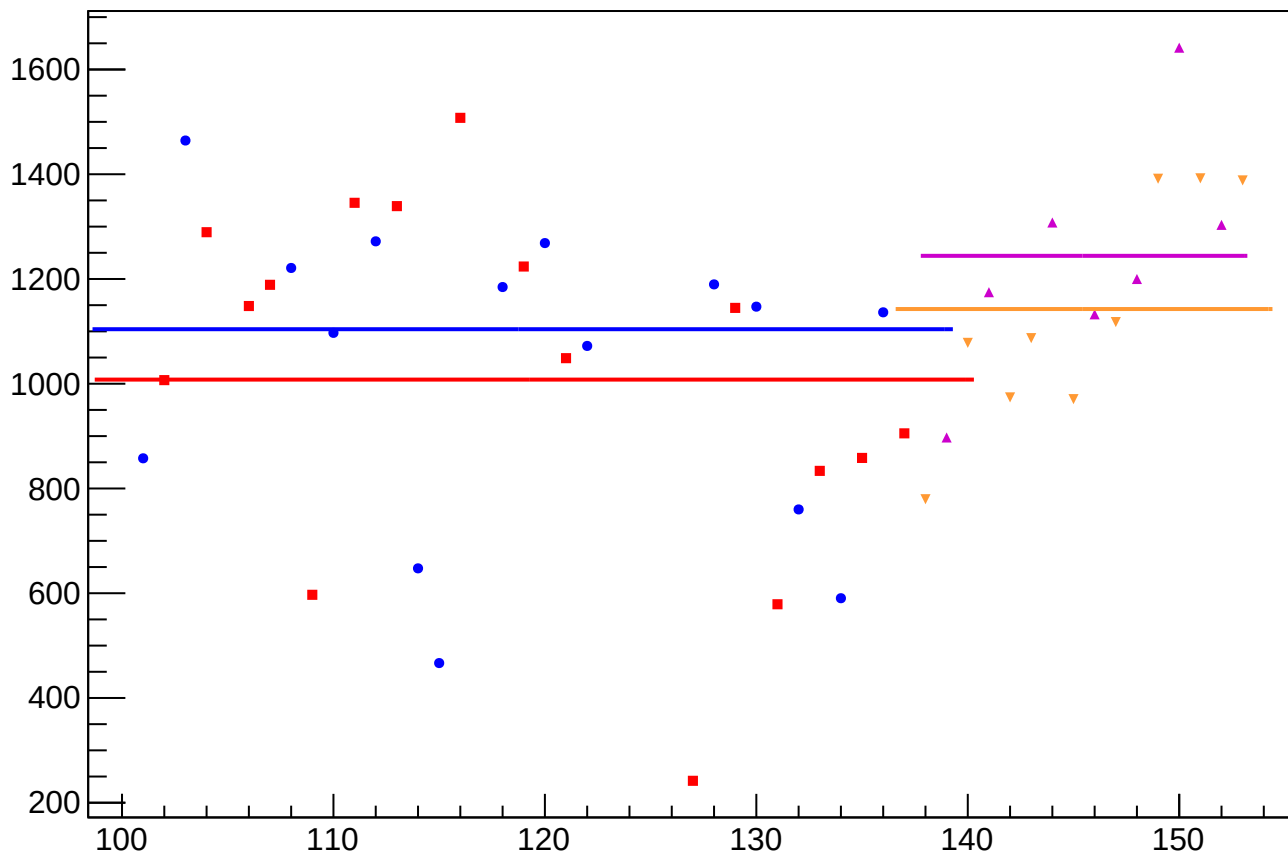
Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -76.316 ± 0.000 χ^2/NDF : 83376940721939566069714337241497600.0/8
 Right Out: -68.324 ± 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: -83.269 ± 0.000 χ^2/NDF : 13103152898817614311278505449488384.0/6

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.620+/-0.000 χ^2/NDF : 146796772251029553242439864549376.0/8
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.690+/-0.000 χ^2/NDF : 105287312404143987583996657664000.0/6
 All: 3.229+/-0.000 χ^2/NDF : 71732334977290.0/15
 + sign 3.194+/-0.000 χ^2/NDF : 38082344987828953.0/14
 - sign 3.265+/-0.000 χ^2/NDF : 33616748683452681.0/14

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

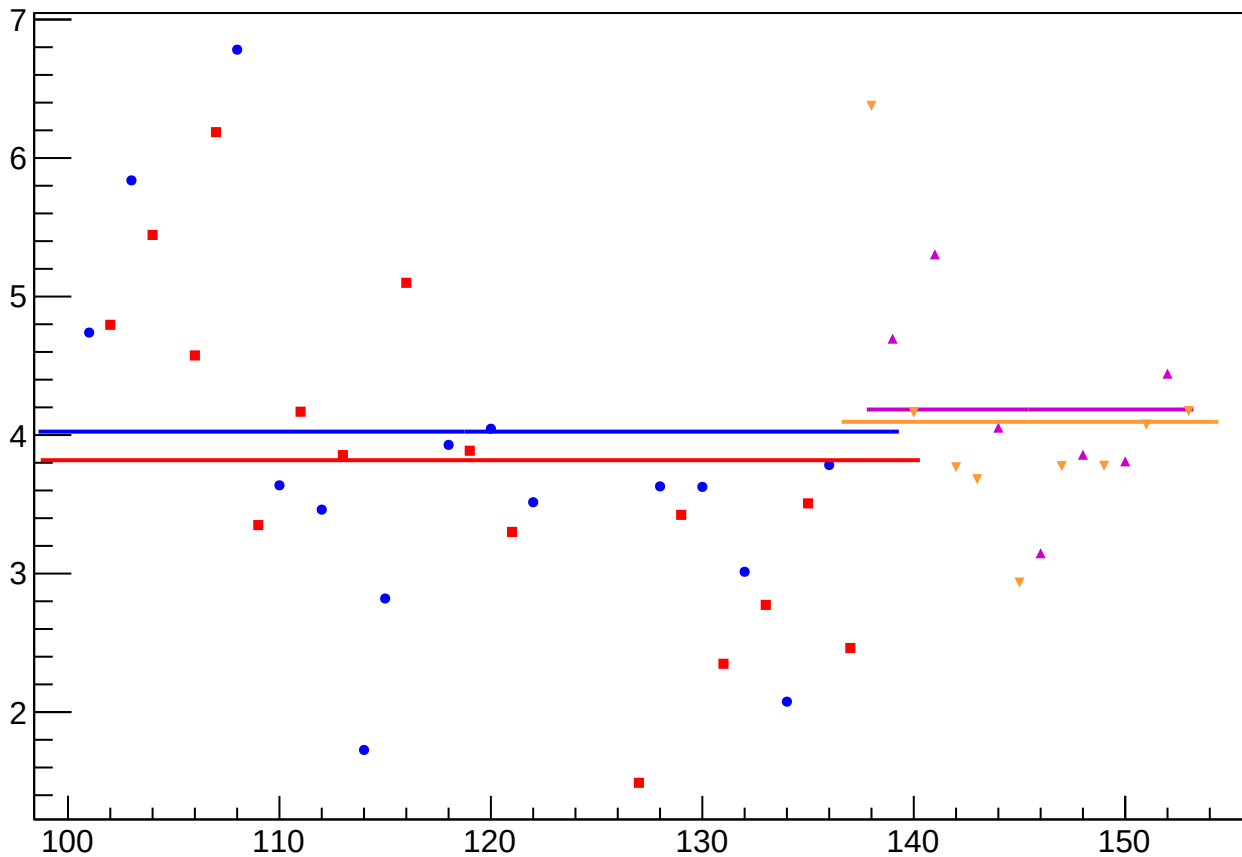
Left In: 1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

+ sign 1123.799+/-0.000 χ^2/NDF : 62943916536486

All: 1121.852+/-0.000 χ^2/NDF : 17606313096

- sign 1119.814+/-0.000 χ^2/NDF : 11310892129644

dit_4aY_coil3_mean vs Slug



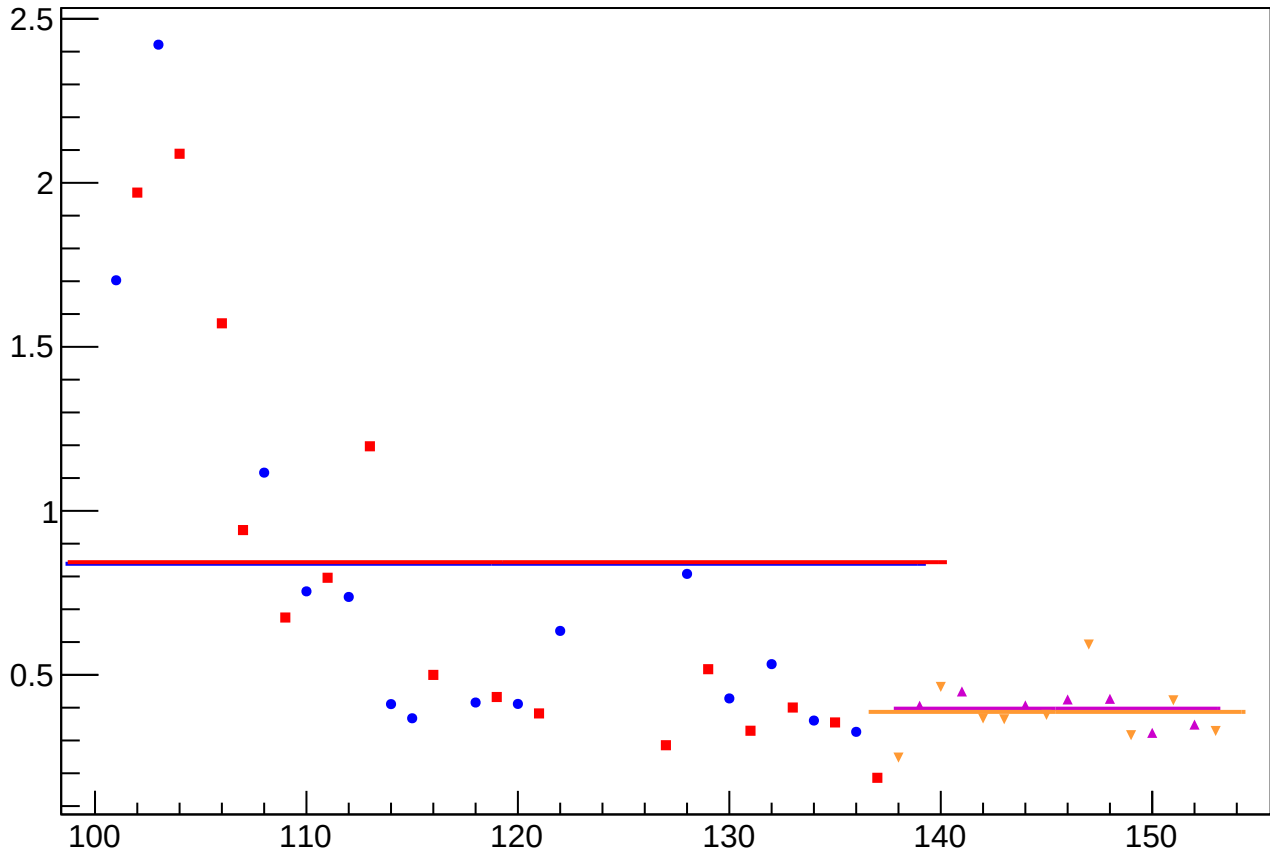
Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.096+/-0.000 χ^2/NDF : 548735256446826061743814000771072.0/8

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

Left In: 4.184+/-0.000 χ^2/NDF : 246284971167571696357242006667264.0/6

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.387+/-0.000 χ^2/NDF : 6144720660207564692150561013760.0/8

Right Out: 0.844+/-0.000 χ^2/NDF : 252917509393432760240648918925312.0/15

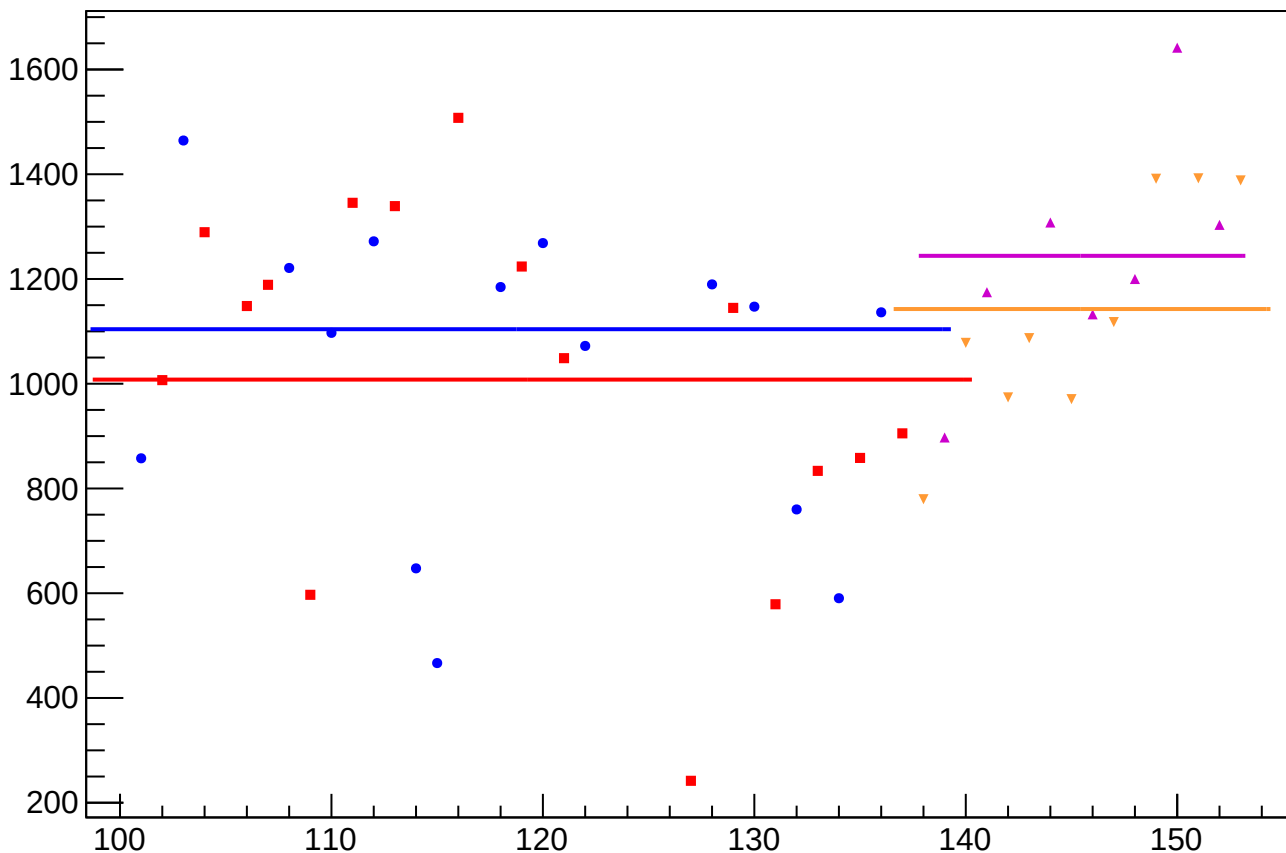
Left In: 0.397+/-0.000 χ^2/NDF : 1090604665866244330487950606336.0/6

+ sign 0.608+/-0.000 χ^2/NDF : 33217184379044327

All: 0.620+/-0.000 χ^2/NDF : 64954098474367

- sign 0.632+/-0.000 χ^2/NDF : 31699347396396932

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

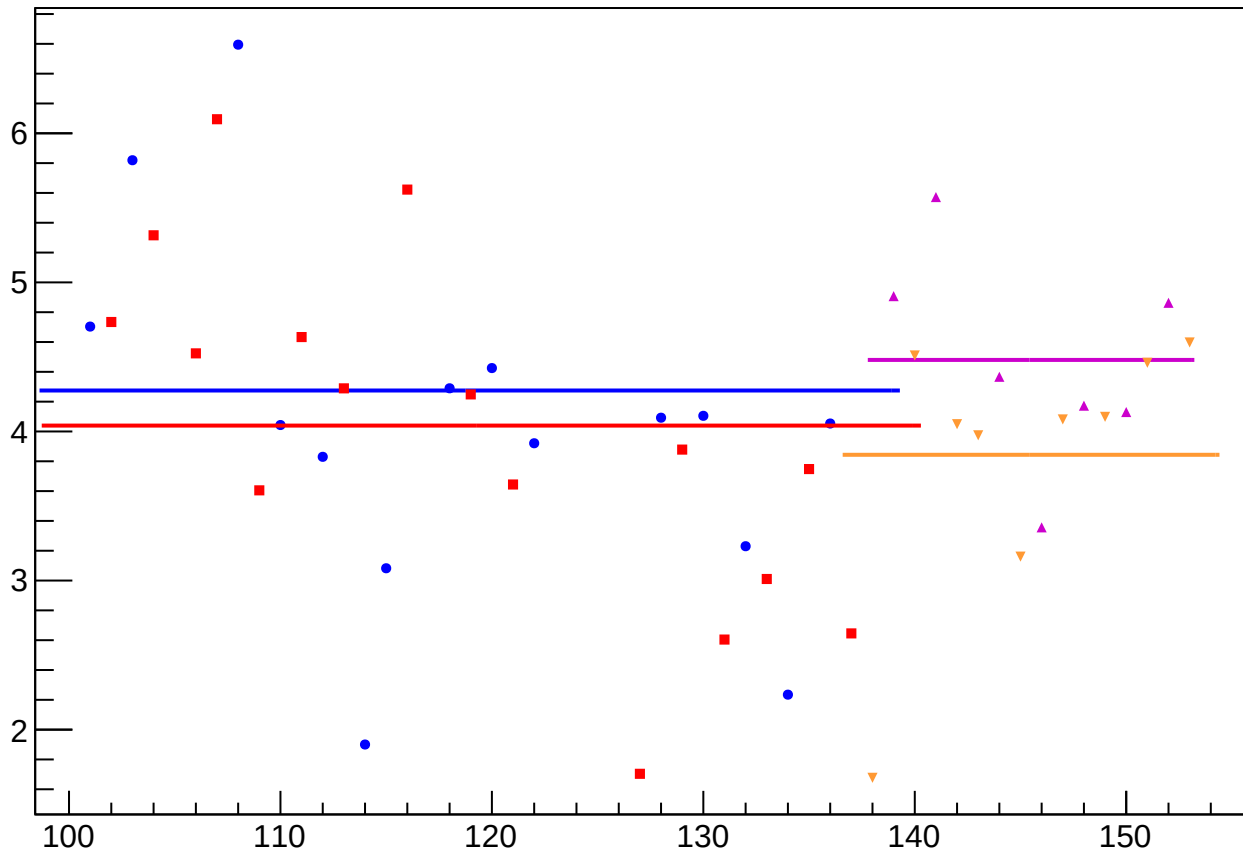
Left In: 1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6

+ sign 1123.799 $\pm$ 0.000 χ^2 /NDF: 62943916536486

All: 1121.852 $\pm$ 0.000 χ^2 /NDF: 17606313096

- sign 1119.814 $\pm$ 0.000 χ^2 /NDF: 11310892129644

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 3.844+/-0.000 χ^2/NDF : 530873085835951334274237682679808.0/8

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

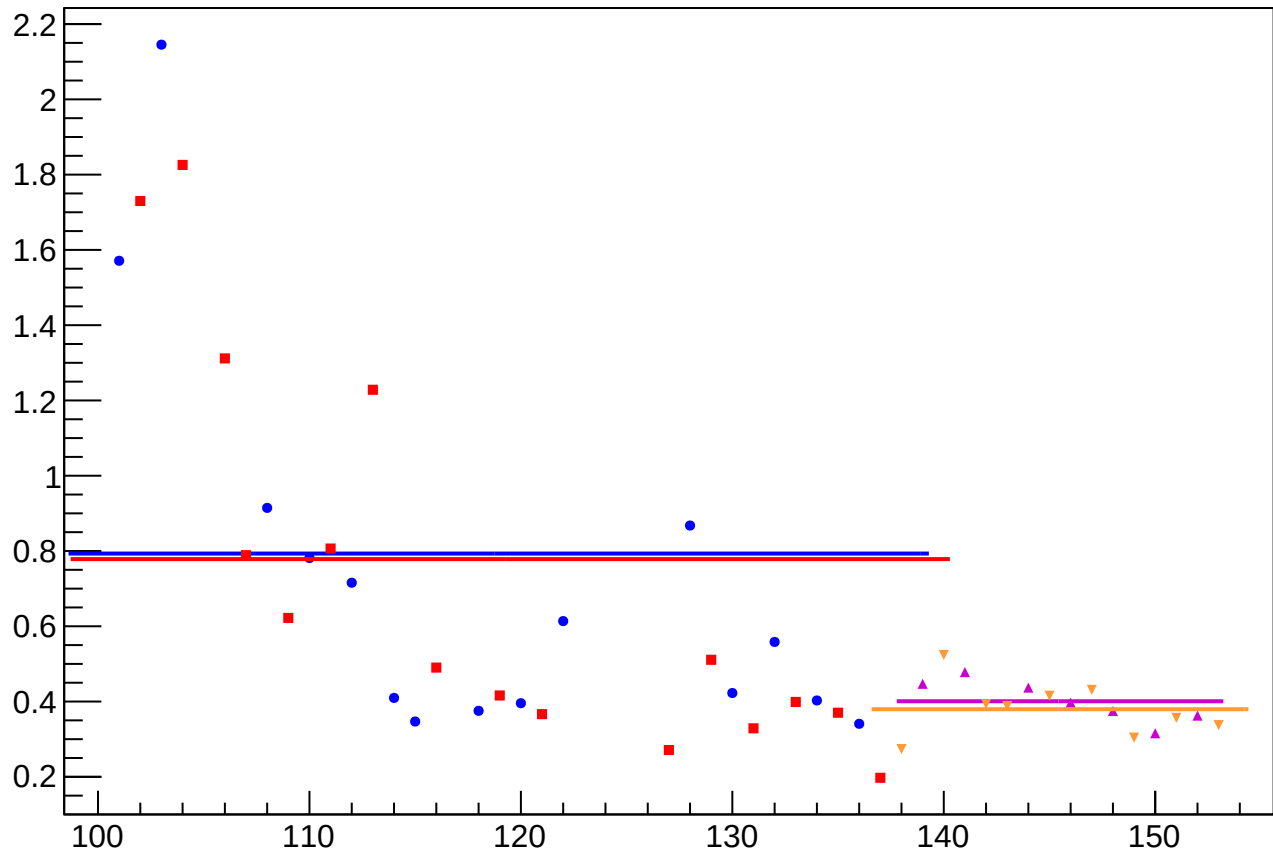
Left In: 4.480+/-0.000 χ^2/NDF : 253880571801501983669724005793792.0/6

+ sign 4.054+/-0.000 χ^2/NDF : 11897282712996839

All: 4.149+/-0.000 χ^2/NDF : 23015339543965

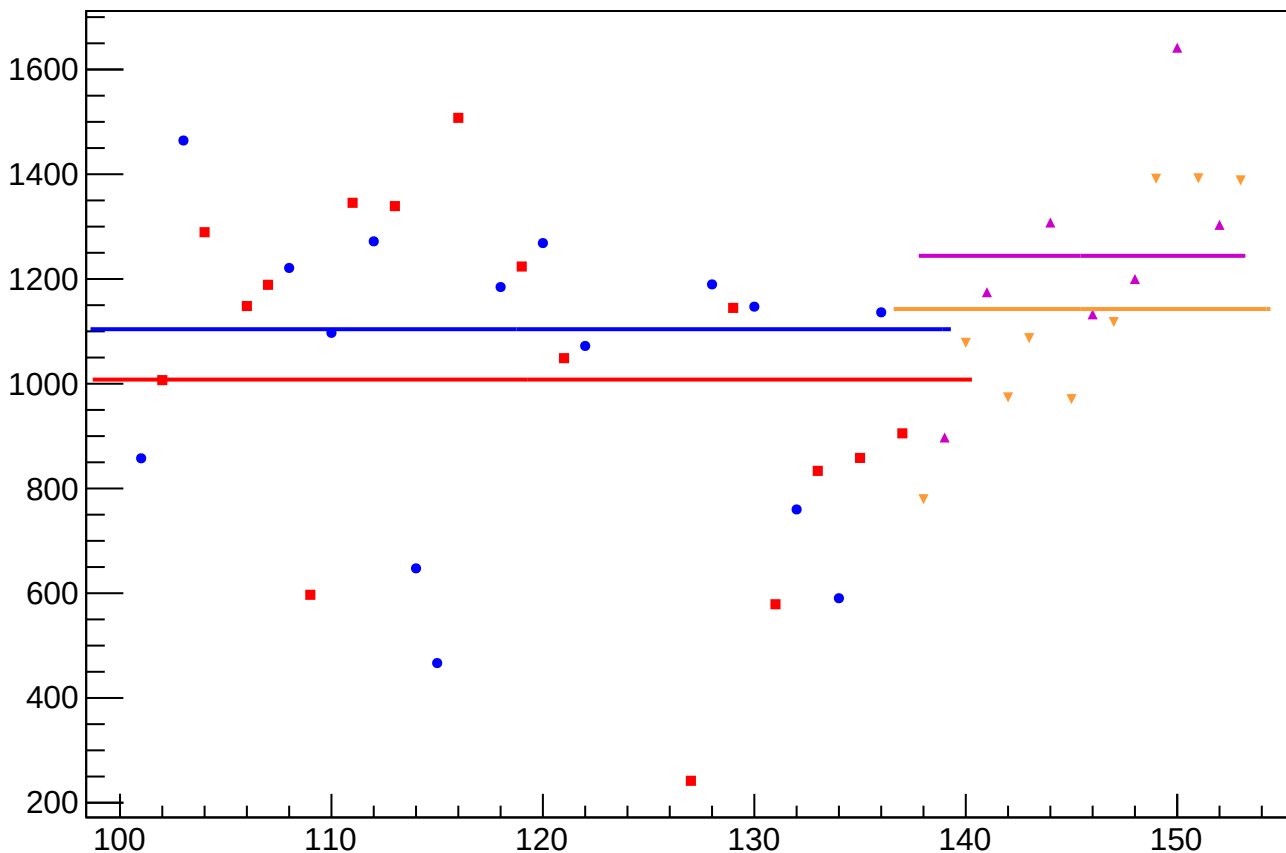
- sign 4.248+/-0.000 χ^2/NDF : 10875175780022367

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.380+/-0.000 χ^2/NDF : 3572944566019190064988265906176.0/8
 Right Out: 0.778+/-0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.401+/-0.000 χ^2/NDF : 1644406090397348197559668047872.0/6

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

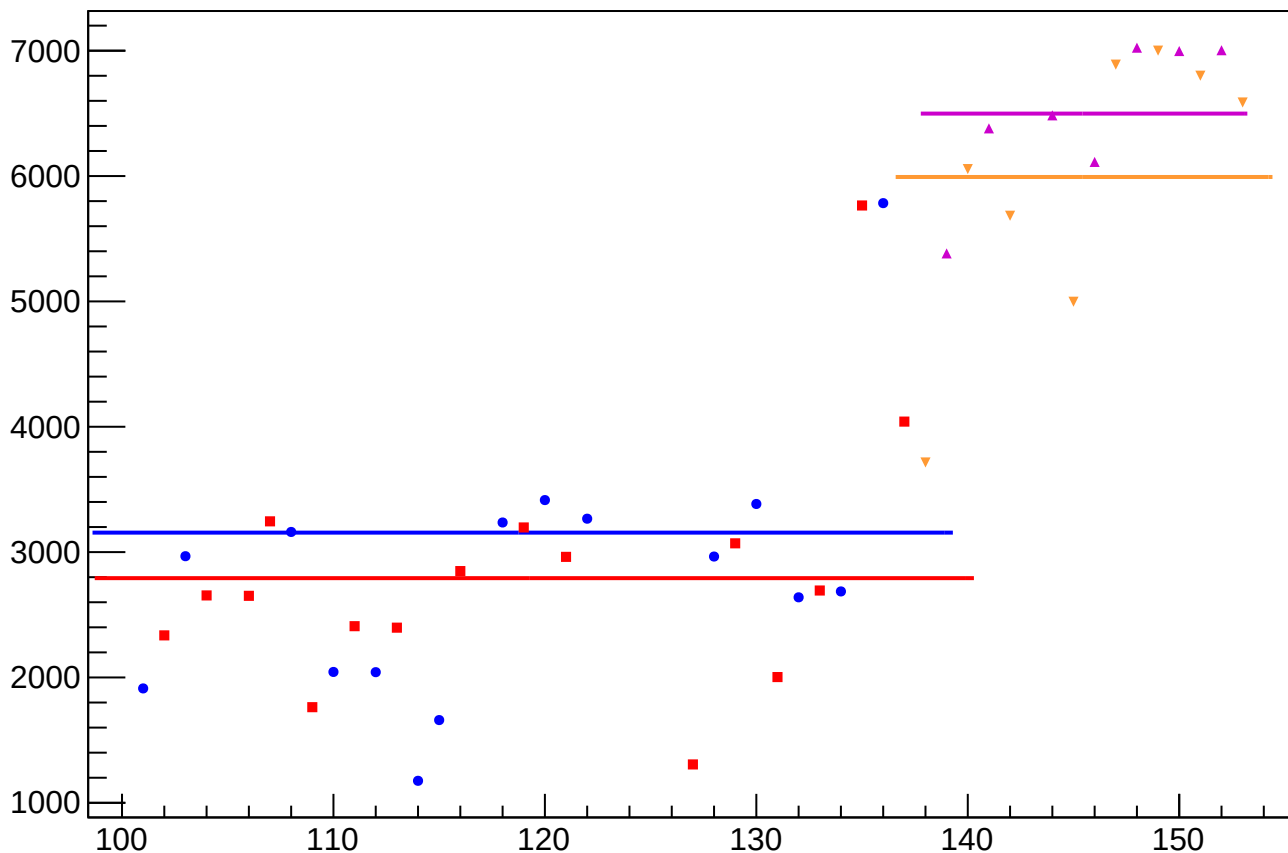
Left In: 1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6

+ sign 1123.799 $\pm$ 0.000 χ^2 /NDF: 62943916536486

All: 1121.852 $\pm$ 0.000 χ^2 /NDF: 17606313096

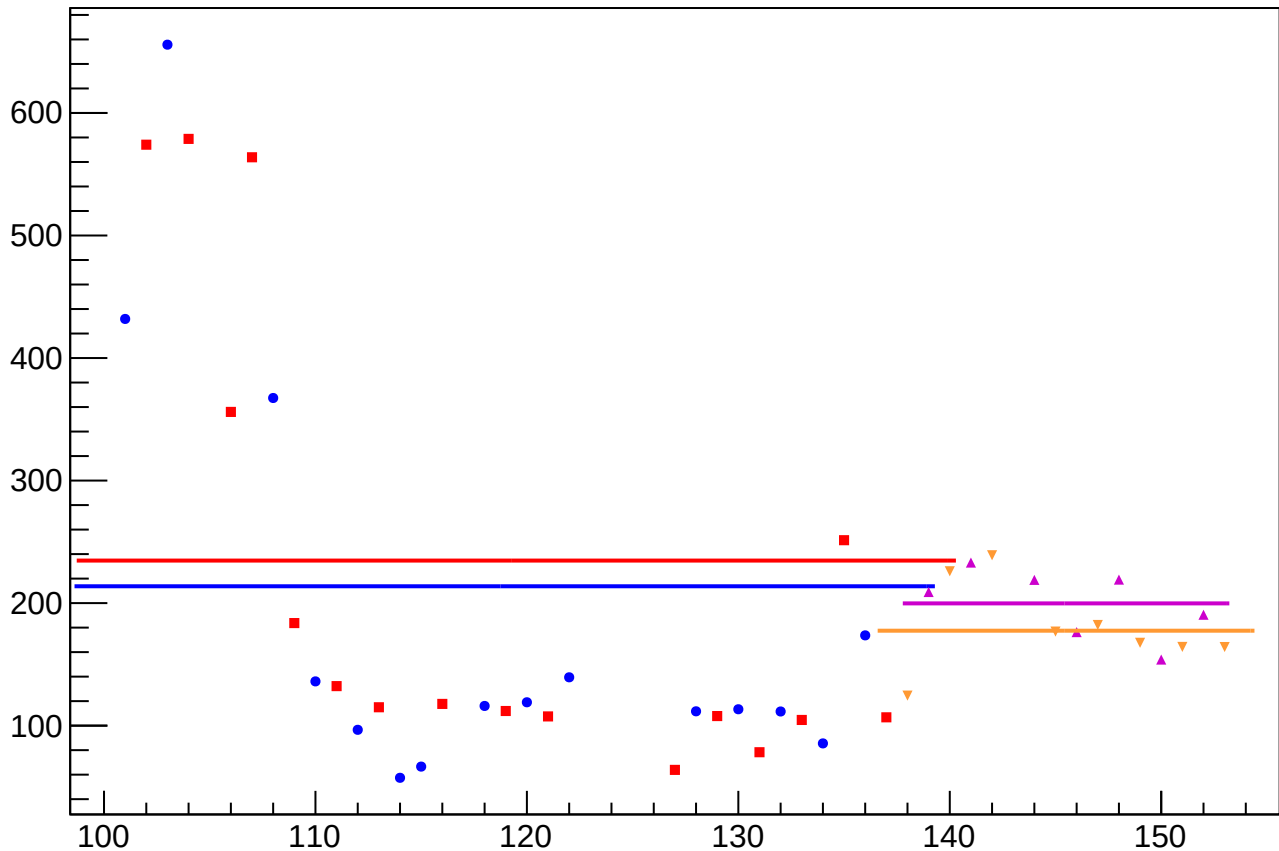
- sign 1119.814 $\pm$ 0.000 χ^2 /NDF: 11310892129644

dit_usl_coil3_mean vs Slug



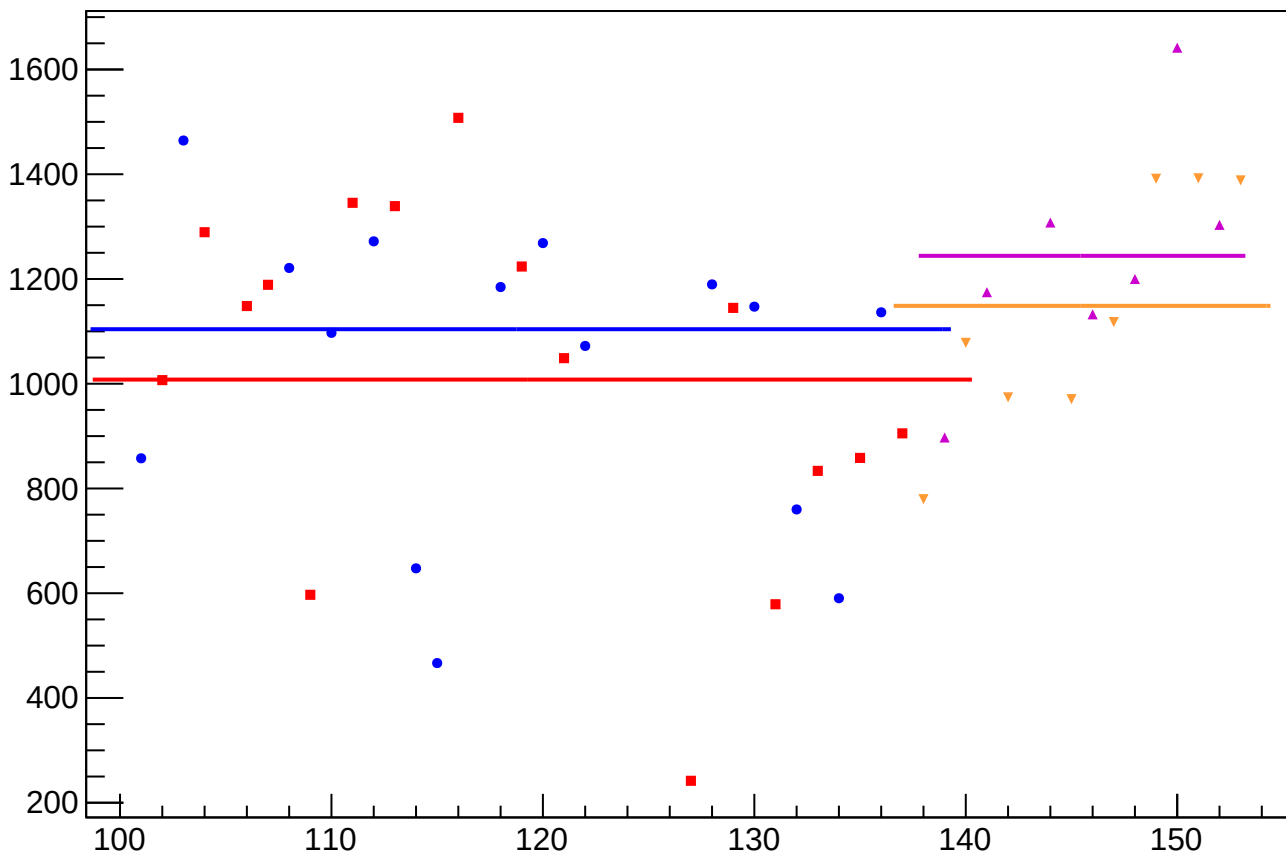
Right In: 3155.434 ± 0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5992.608 ± 0.000 χ^2/NDF : 717848383474966199493853809664529006592.0/7
 Right Out: 2792.245 ± 0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6498.265 ± 0.000 χ^2/NDF : 182441851917333797875479018022767689728.0/6

dit_usl_coil3_err_mean vs Slug



Right In: 213.739 $\pm$ 0.000 χ^2 /NDF: 19718138109054002114361149860507287552.0/14
 Left Out: 177.483 $\pm$ 0.000 χ^2 /NDF: 624585061959481836385633003508858880.0/7
 Right Out: 234.712 $\pm$ 0.000 χ^2 /NDF: 24013134107167214895189050481067425792.0/15
 Left In: 199.772 $\pm$ 0.000 χ^2 /NDF: 410013449376239999199286973526179840.0/6

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1125.752+/-0.000 χ^2/NDF : 62848673762466

Left Out: 1148.740+/-0.000 χ^2/NDF : 29484007063916472432746143580652830720.0/7

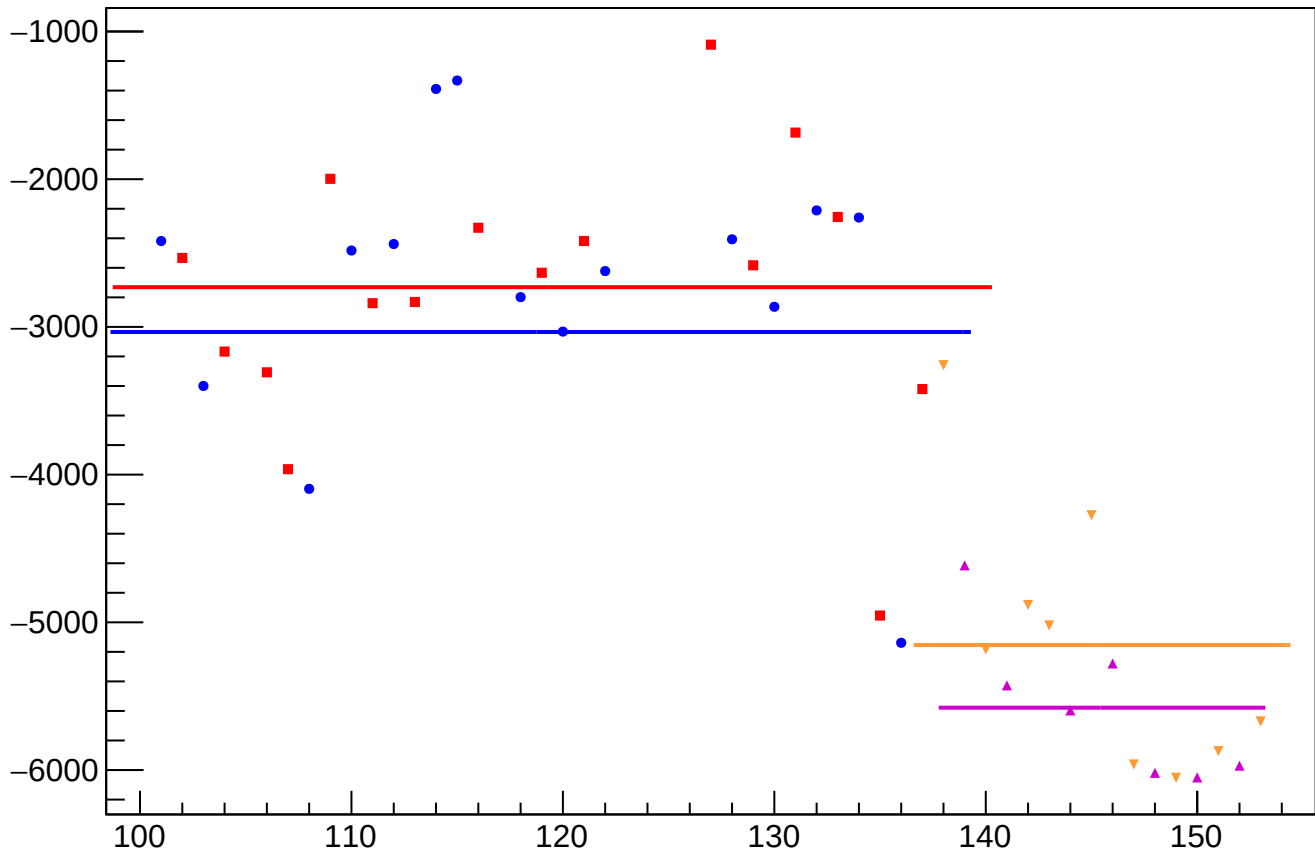
All: 1122.775+/-0.000 χ^2/NDF : 17597987515

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1119.814+/-0.000 χ^2/NDF : 11310892129644

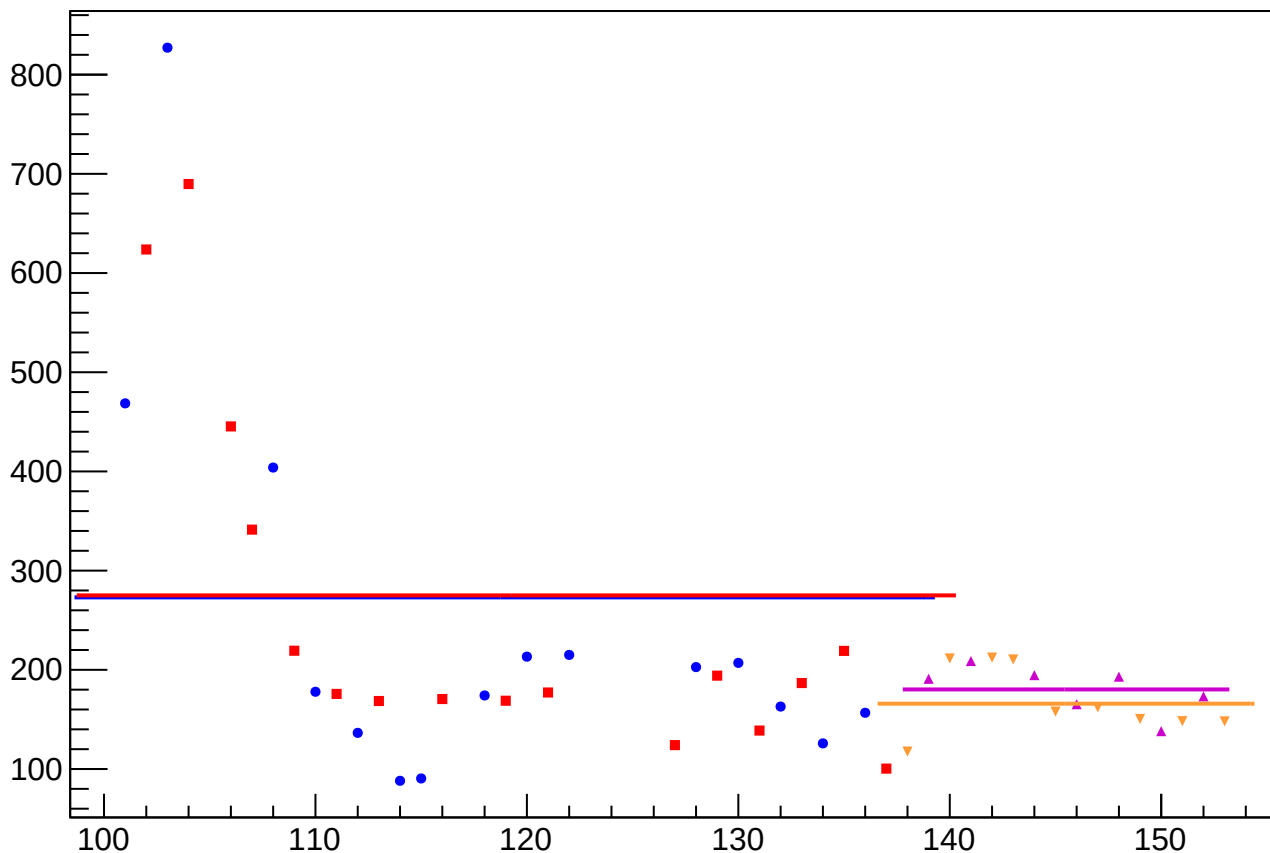
Left In: 1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5153.756+/-0.000 χ^2/NDF : 528441612364449873988088627532927074304.0/8
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5577.924+/-0.000 χ^2/NDF : 134629416696297493237368804511395610624.0/6

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 165.869+/-0.000 χ^2/NDF : 661817443292026218868564783024570368.0/8

Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

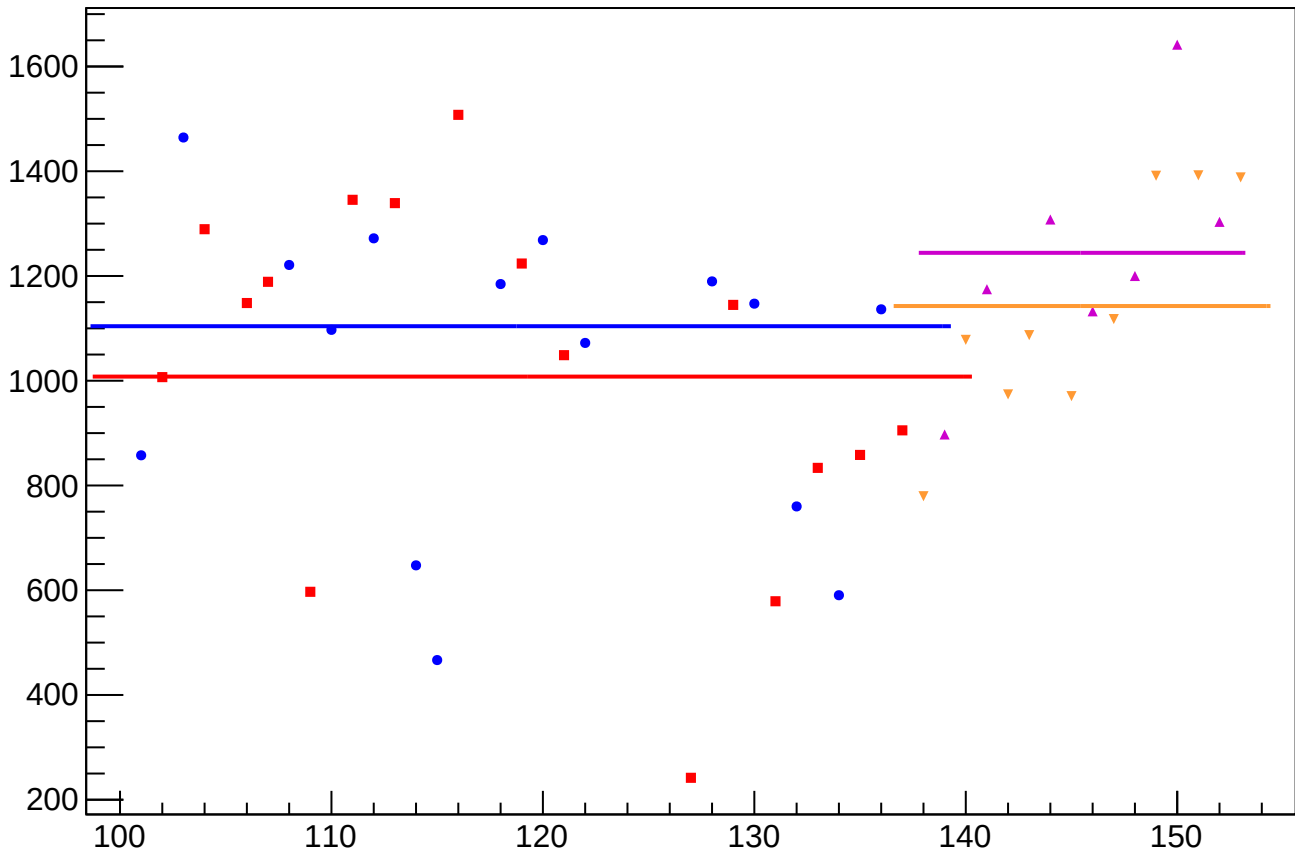
Left In: 180.231+/-0.000 χ^2/NDF : 295083494301163874733846234107215872.0/6

+ sign 218.283+/-0.000 χ^2/NDF : 309561550586022

All: 224.076+/-0.000 χ^2/NDF : 564466307629

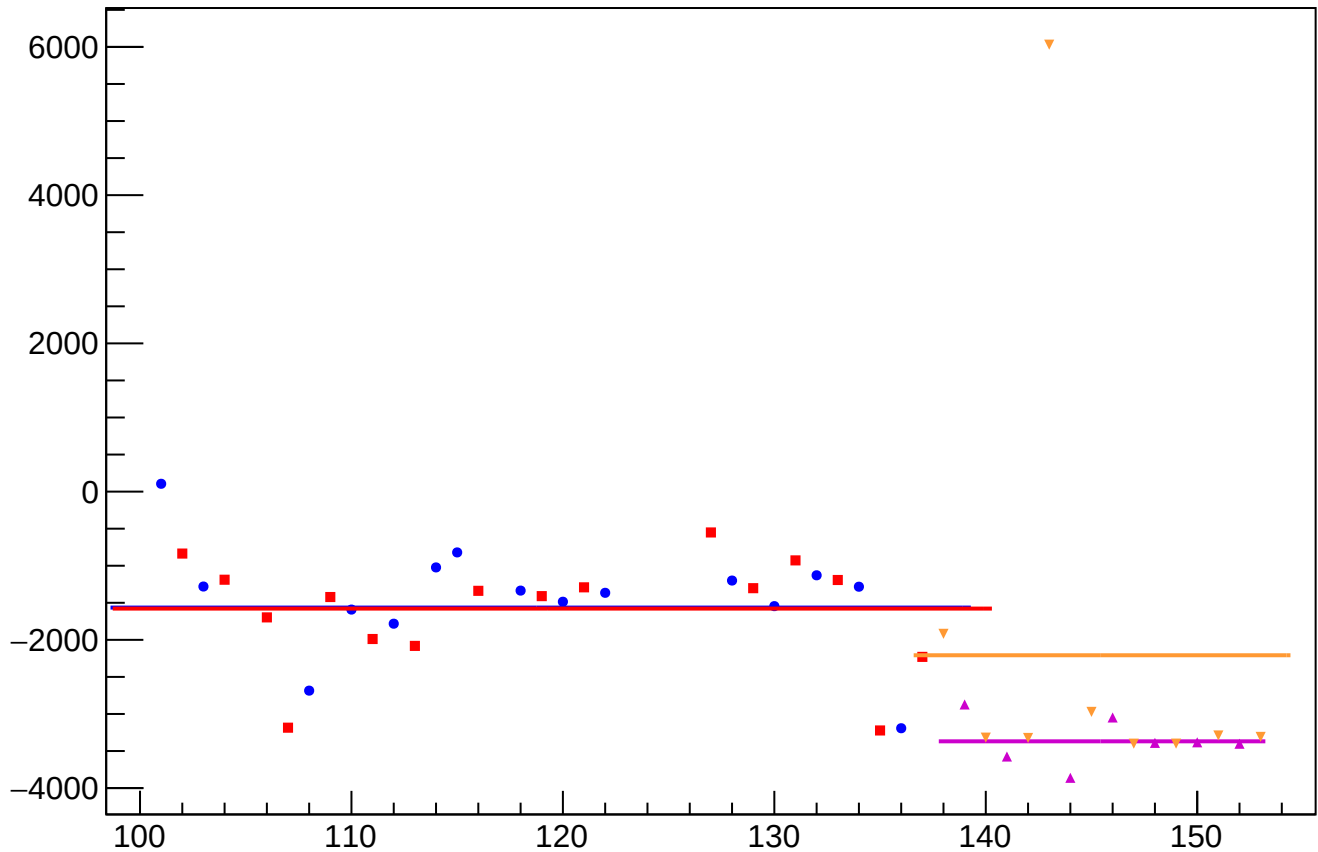
- sign 230.144+/-0.000 χ^2/NDF : 253992894323916

dit_usr_coil3_Ndata_mean vs Slug



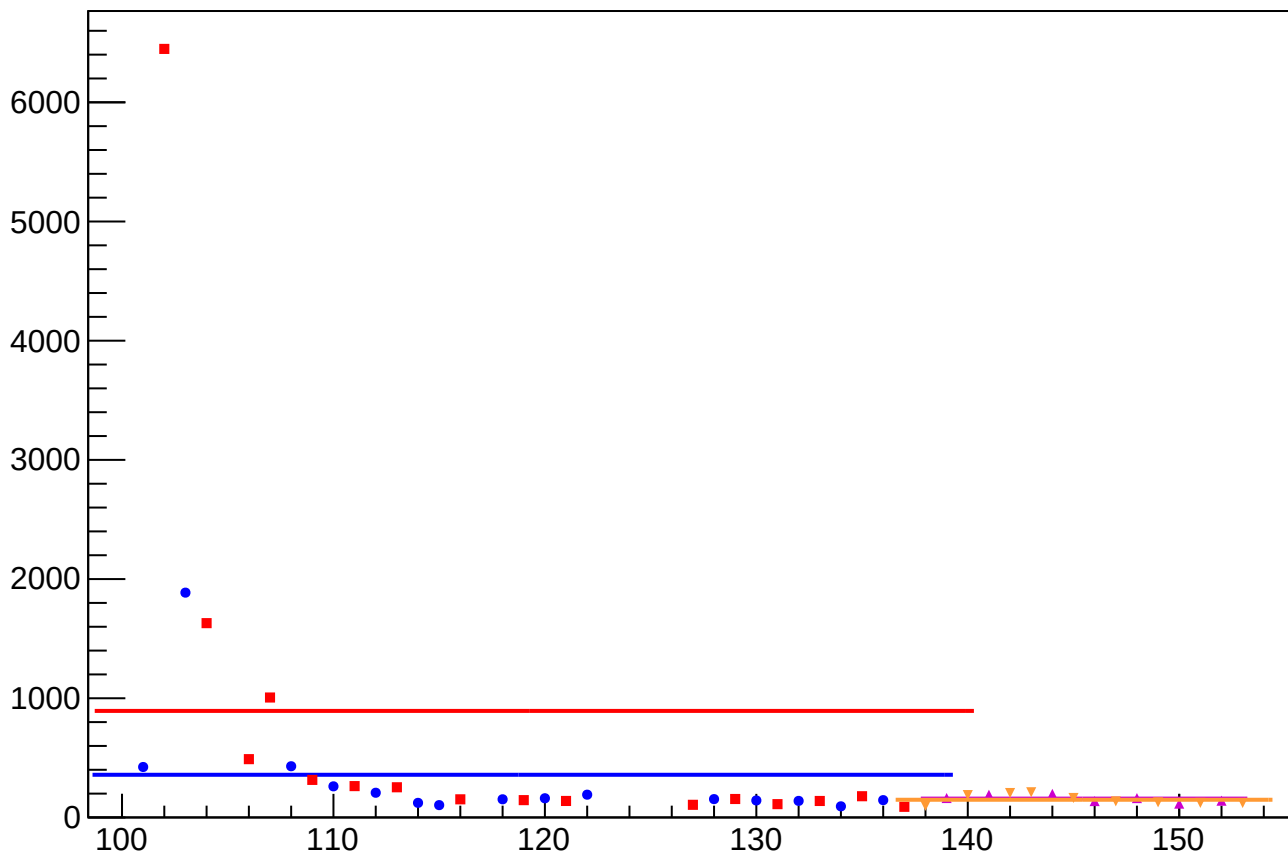
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

dit_atl1_coil3_mean vs Slug



Right In: -1564.595 $\pm$ 0.000 χ^2 /NDF: 483874800978571042578975757029039144960.0/14
 Left Out: -2207.888 $\pm$ 0.000 χ^2 /NDF: 5183211537986702201357393337470666407936.0/8
 Right Out: -1578.178 $\pm$ 0.000 χ^2 /NDF: 368450572556217564071963203581098590208.0/15
 Left In: -3369.090 $\pm$ 0.000 χ^2 /NDF: 53895254410054321687854820162388623360.0/6

dit_atl1_coil3_err_mean vs Slug



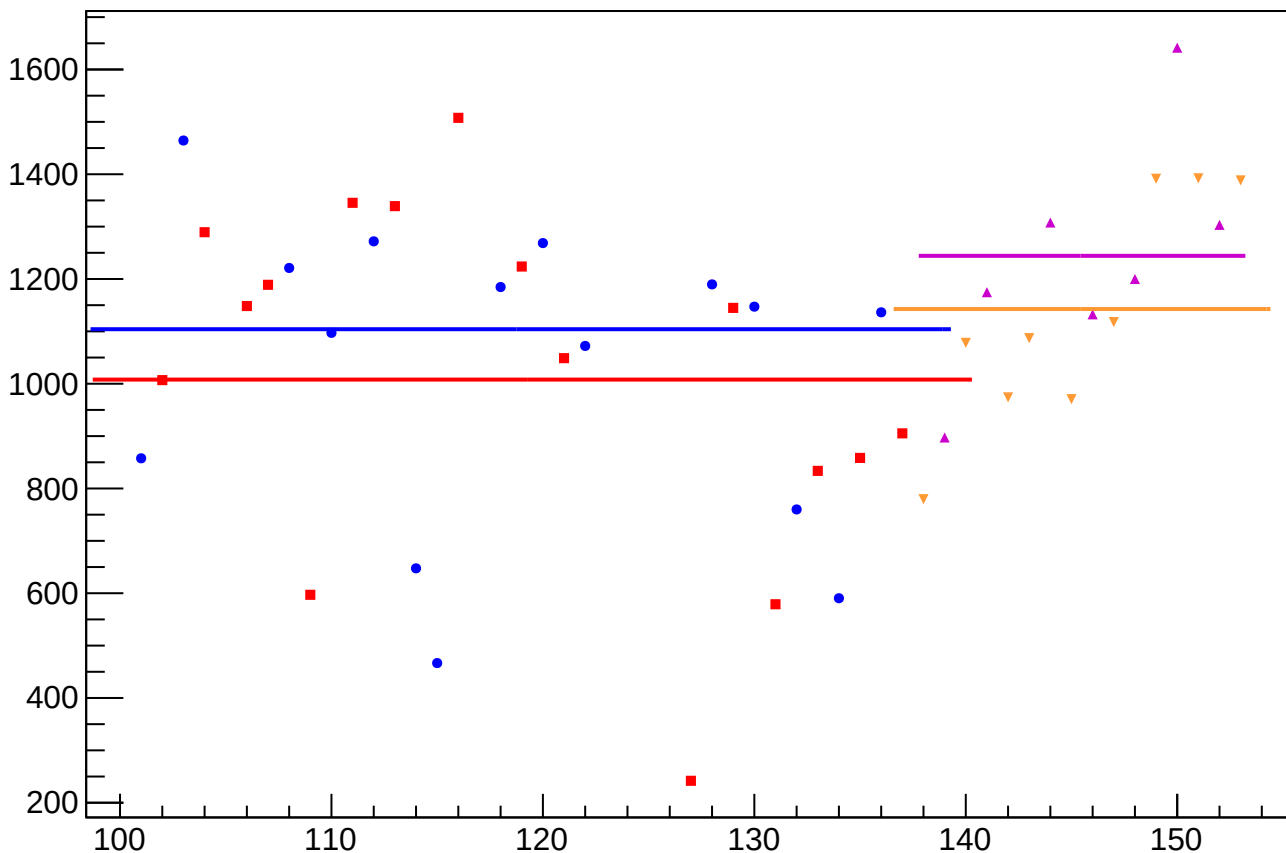
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.486+/-0.000 χ^2/NDF : 929486005195196844827809127673626624.0/8

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 158.170+/-0.000 χ^2/NDF : 457816092756946383433859450309443584.0/6

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

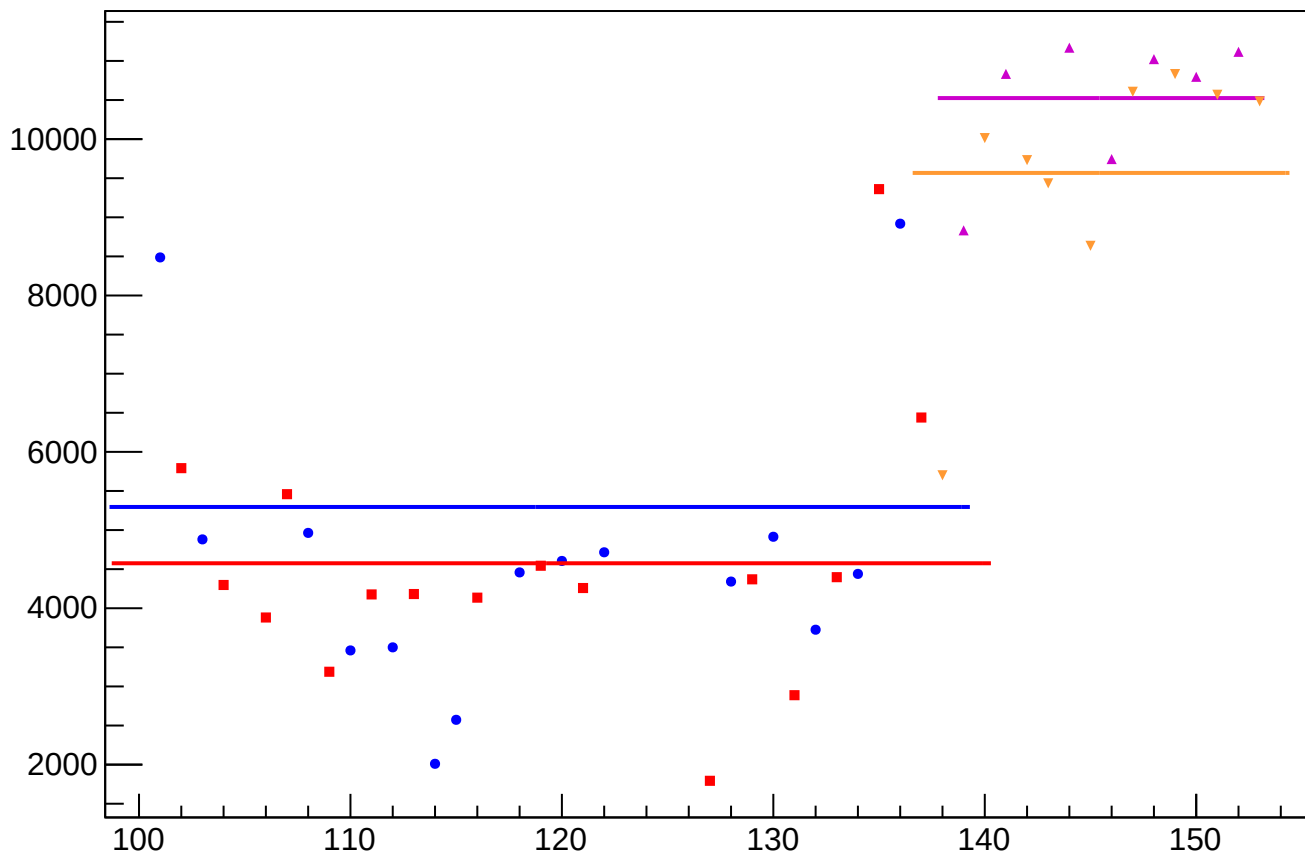
Left In: 1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

+ sign 1123.799+/-0.000 χ^2/NDF : 62943916536486

All: 1121.852+/-0.000 χ^2/NDF : 17606313096

- sign 1119.814+/-0.000 χ^2/NDF : 11310892129644

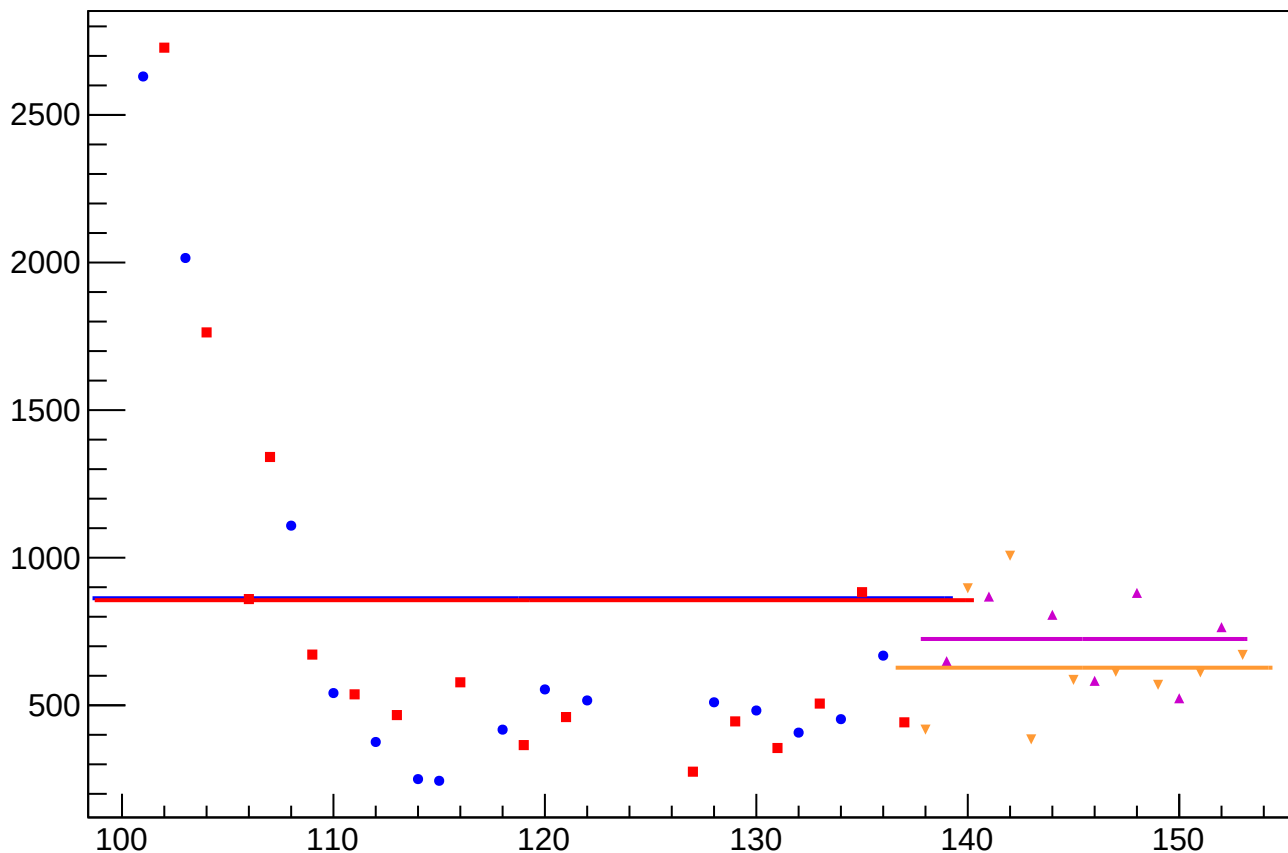
dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9567.665 $\pm$ 0.000 χ^2 /NDF: 1622054916436427539297095319099988246528.0/8
 Right Out: 4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: 10525.063 $\pm$ 0.000 χ^2 /NDF: 385459350295087065276699399206616432640.0/6

+ sign 7478.257 $\pm$ 0.000 χ^2 /NDF: 10179749865125
 All: 7436.542 $\pm$ 0.000 χ^2 /NDF: 2361486393
 - sign 7392.852 $\pm$ 0.000 χ^2 /NDF: 13430386430908

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 627.340+/-0.000 χ^2/NDF : 20553975048670827176125379424548814848.0/8

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

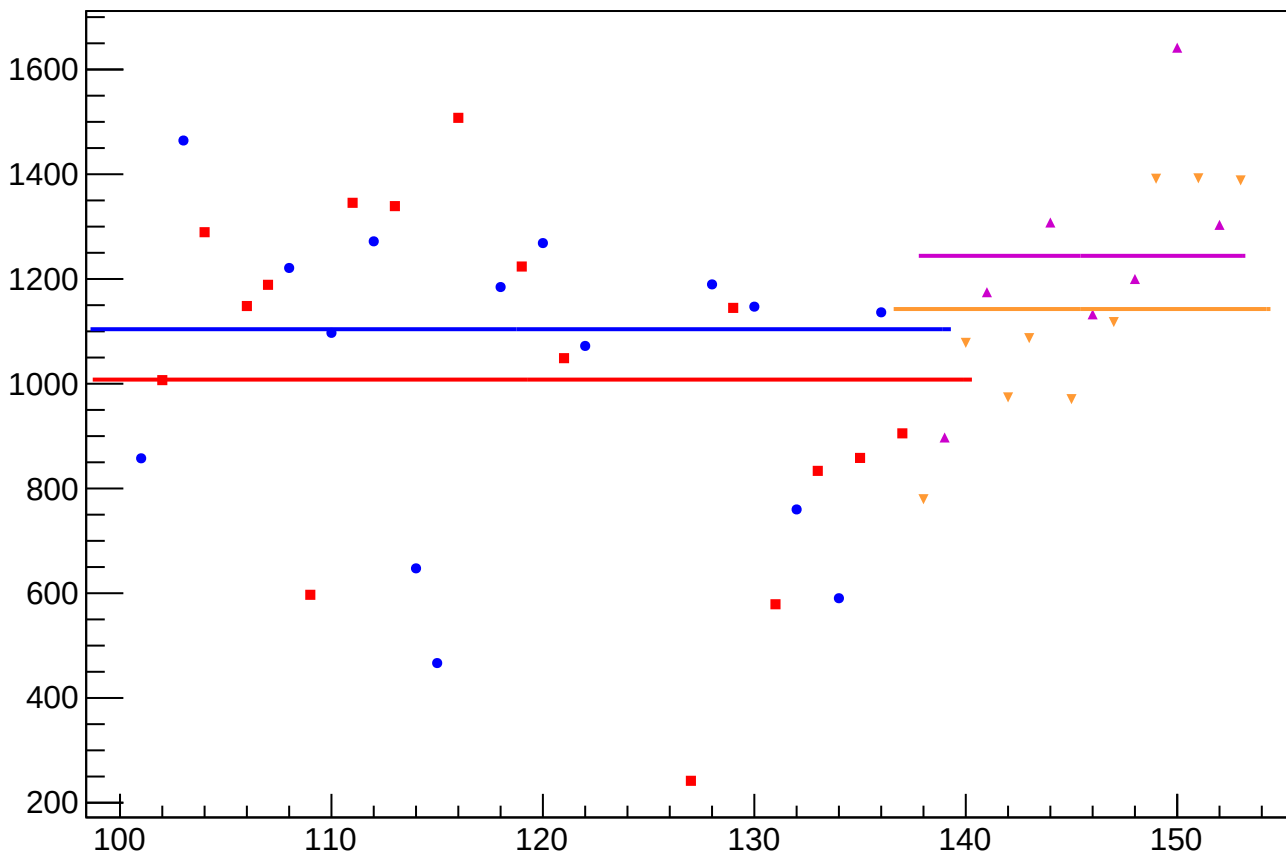
Left In: 724.643+/-0.000 χ^2/NDF : 10336402119676449180931035923595919360.0/6

+ sign 742.440+/-0.000 χ^2/NDF : 376603552109830

All: 767.539+/-0.000 χ^2/NDF : 72130161054

- sign 793.826+/-0.000 χ^2/NDF : 342986608848813

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

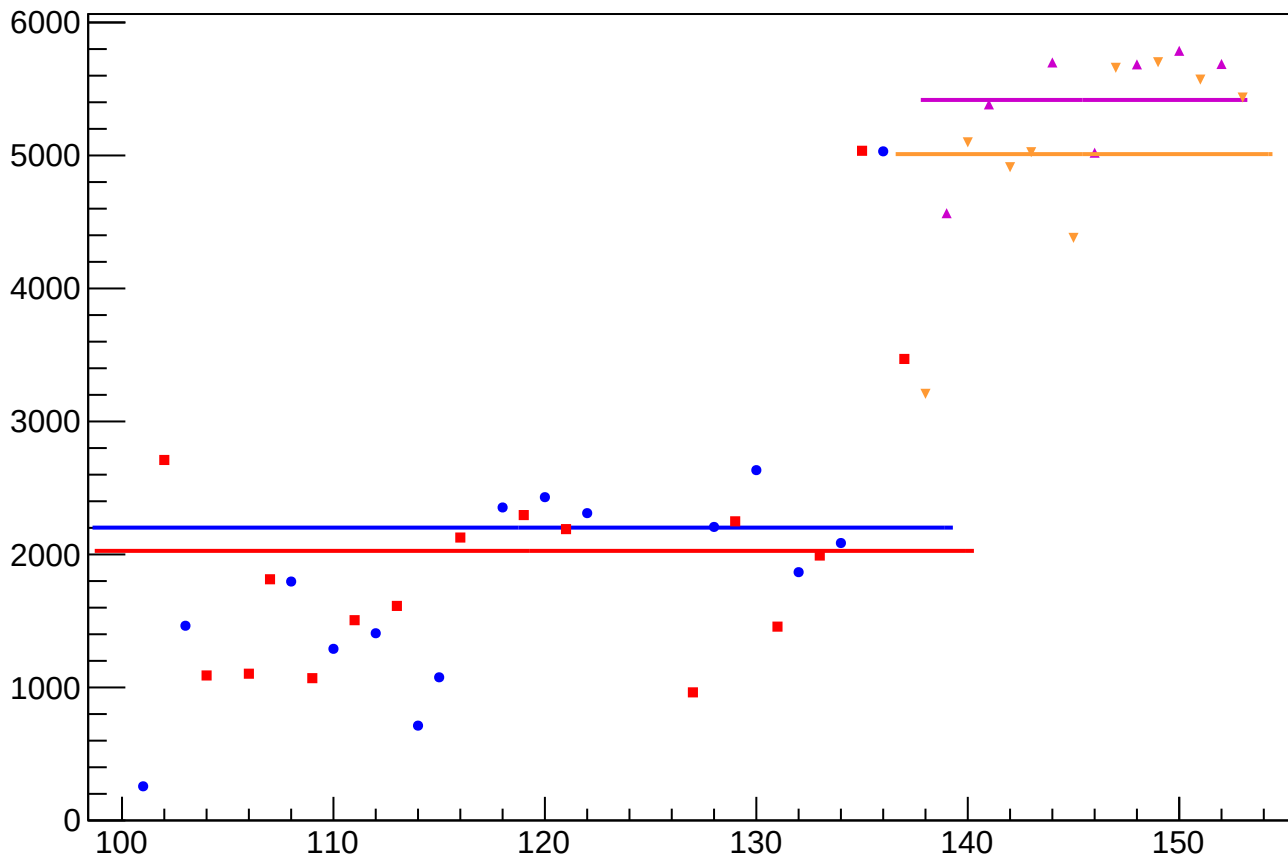
Left In: 1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

+ sign 1123.799+/-0.000 χ^2/NDF : 62943916536486

All: 1121.852+/-0.000 χ^2/NDF : 17606313096

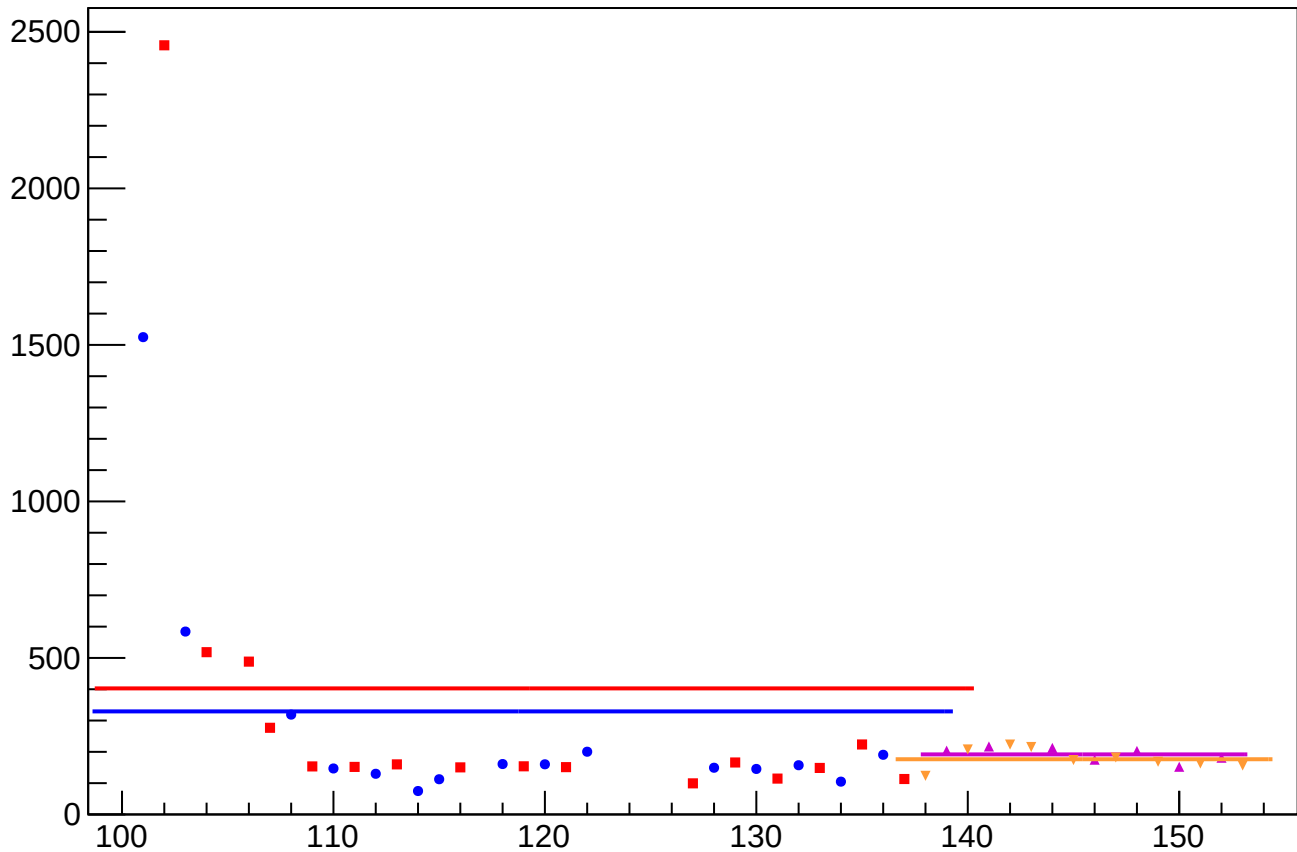
- sign 1119.814+/-0.000 χ^2/NDF : 11310892129644

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5010.168+/-0.000 χ^2/NDF : 399102734987713018876855709347581263872.0/8
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5417.472+/-0.000 χ^2/NDF : 103758477924992213889008764563576848384.0/6

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 176.400+/-0.000 χ^2/NDF : 559764589998576141531034873795444736.0/8

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

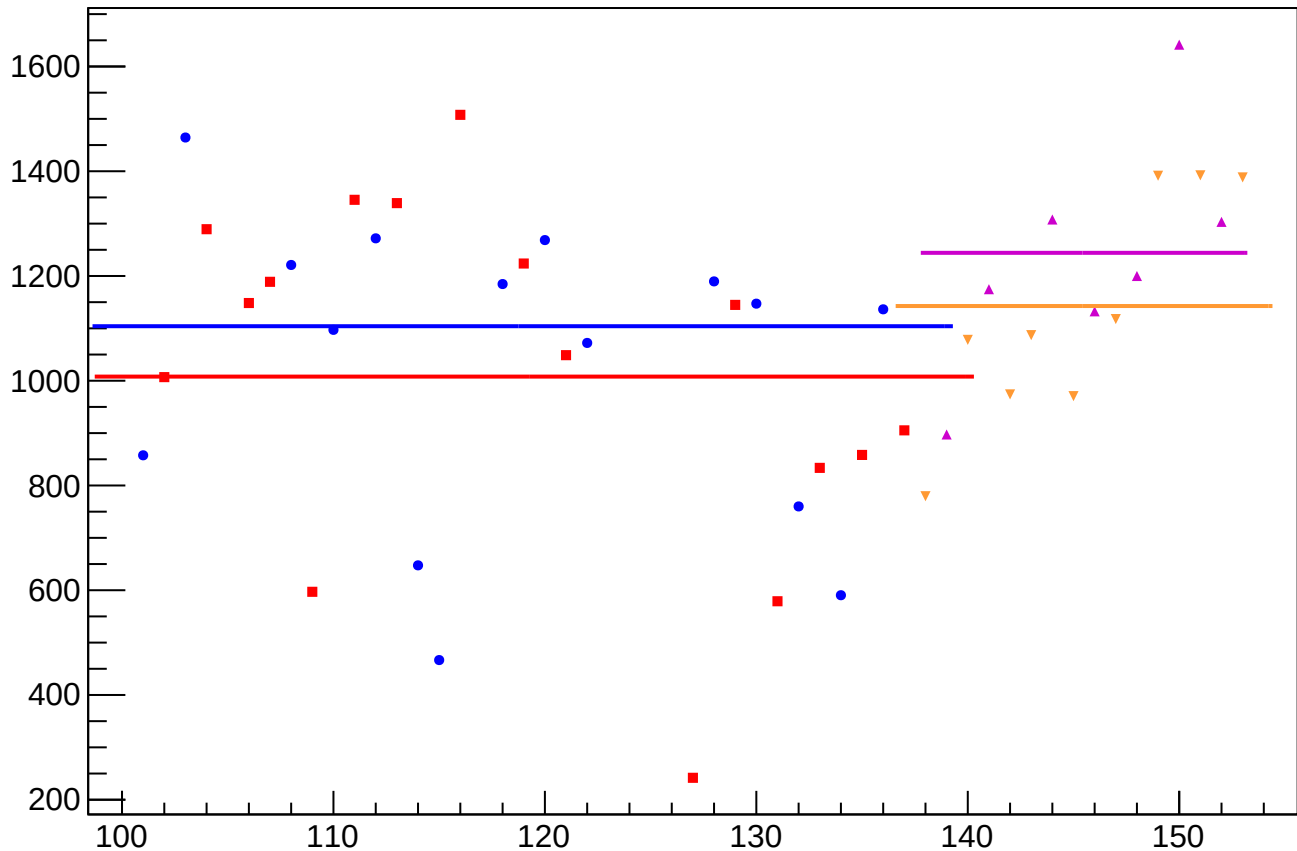
Left In: 191.858+/-0.000 χ^2/NDF : 290202139017692112452679403231510528.0/6

All: 276.399+/-0.000 χ^2/NDF : 405288899752

+ sign 251.145+/-0.000 χ^2/NDF : 111589730994156

- sign 302.849+/-0.000 χ^2/NDF : 291966452527402

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

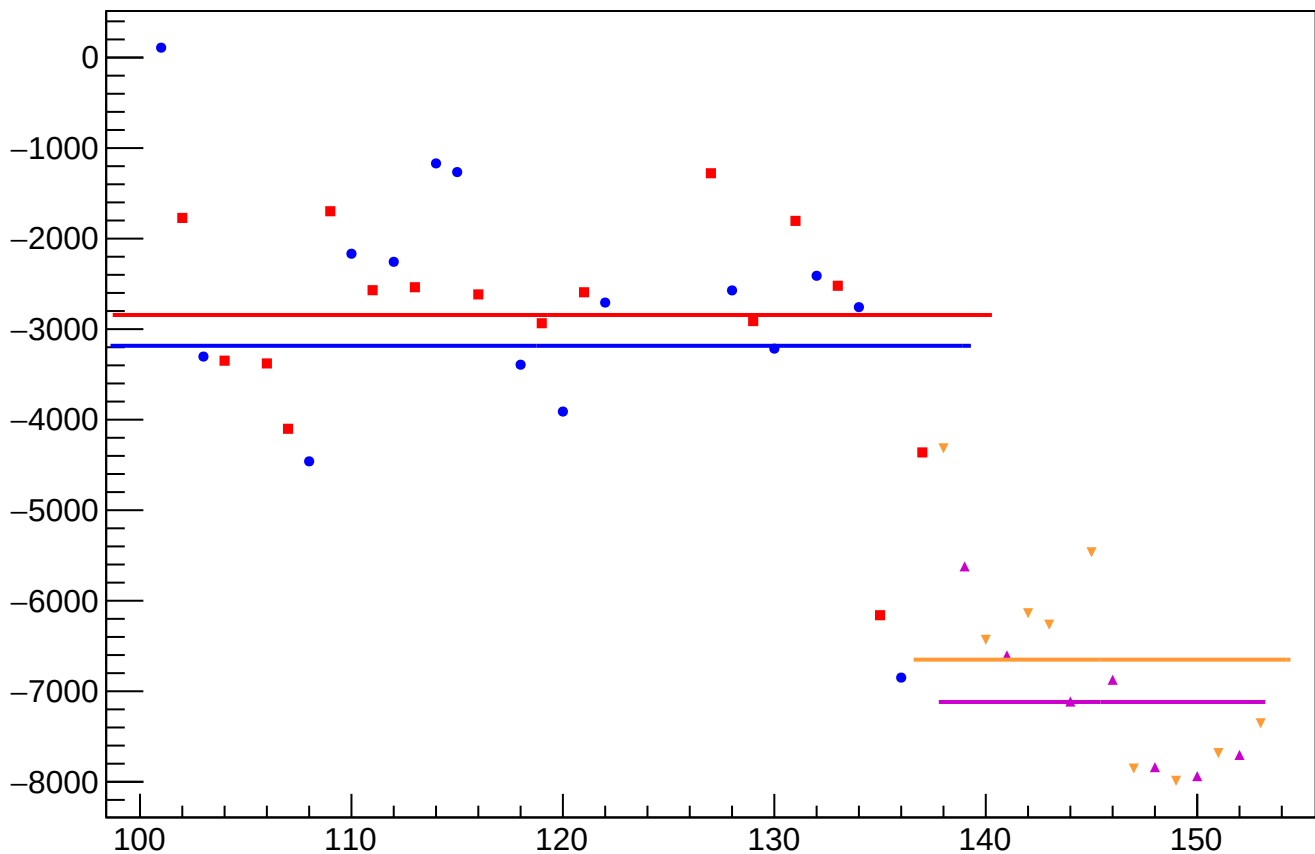
Left In: 1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

+ sign 1123.799+/-0.000 χ^2/NDF : 62943916536486

All: 1121.852+/-0.000 χ^2/NDF : 17606313096

- sign 1119.814+/-0.000 χ^2/NDF : 11310892129644

dit_atr2_coil3_mean vs Slug



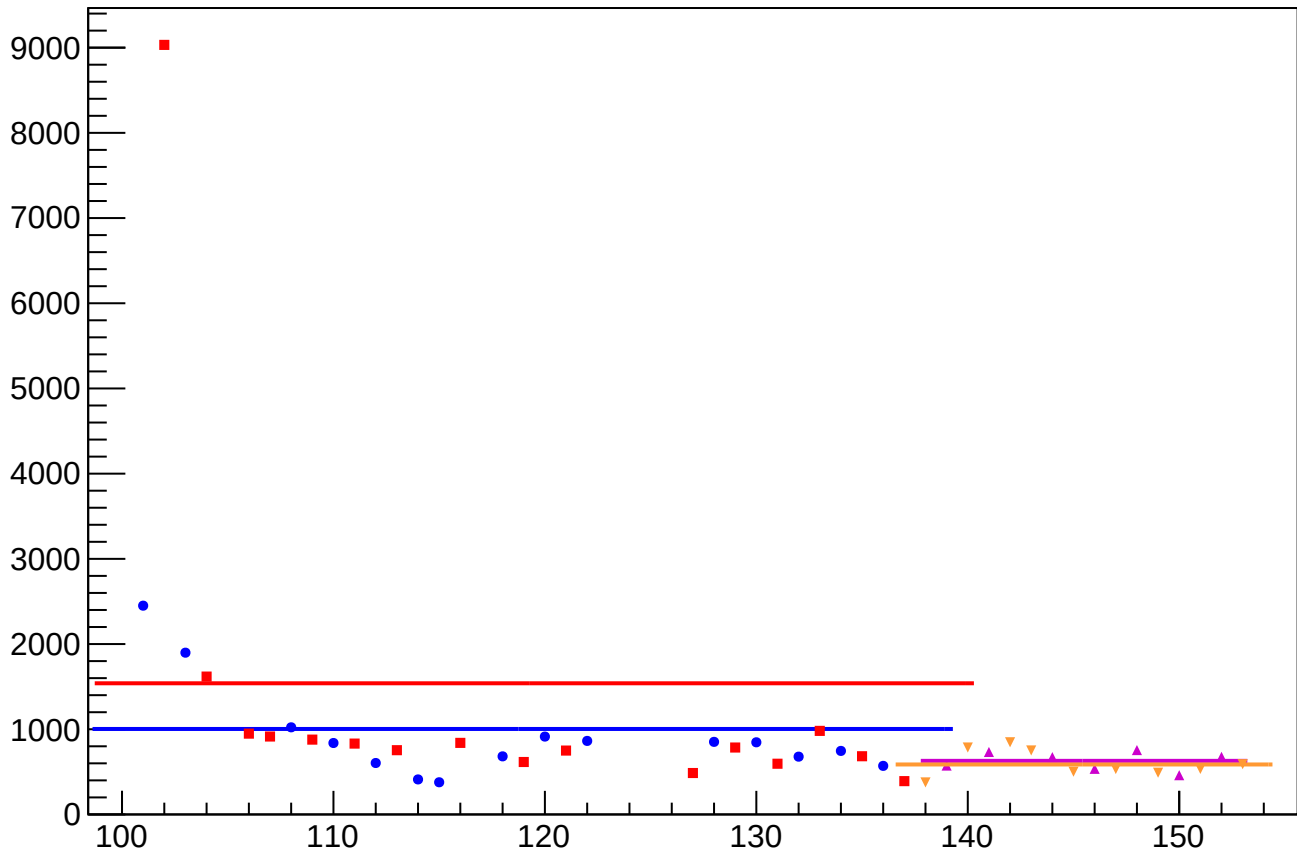
Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14

Left Out: -6650.713+/-0.000 χ^2/NDF : 952282056990210008936889657445912150016.0/8

Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15

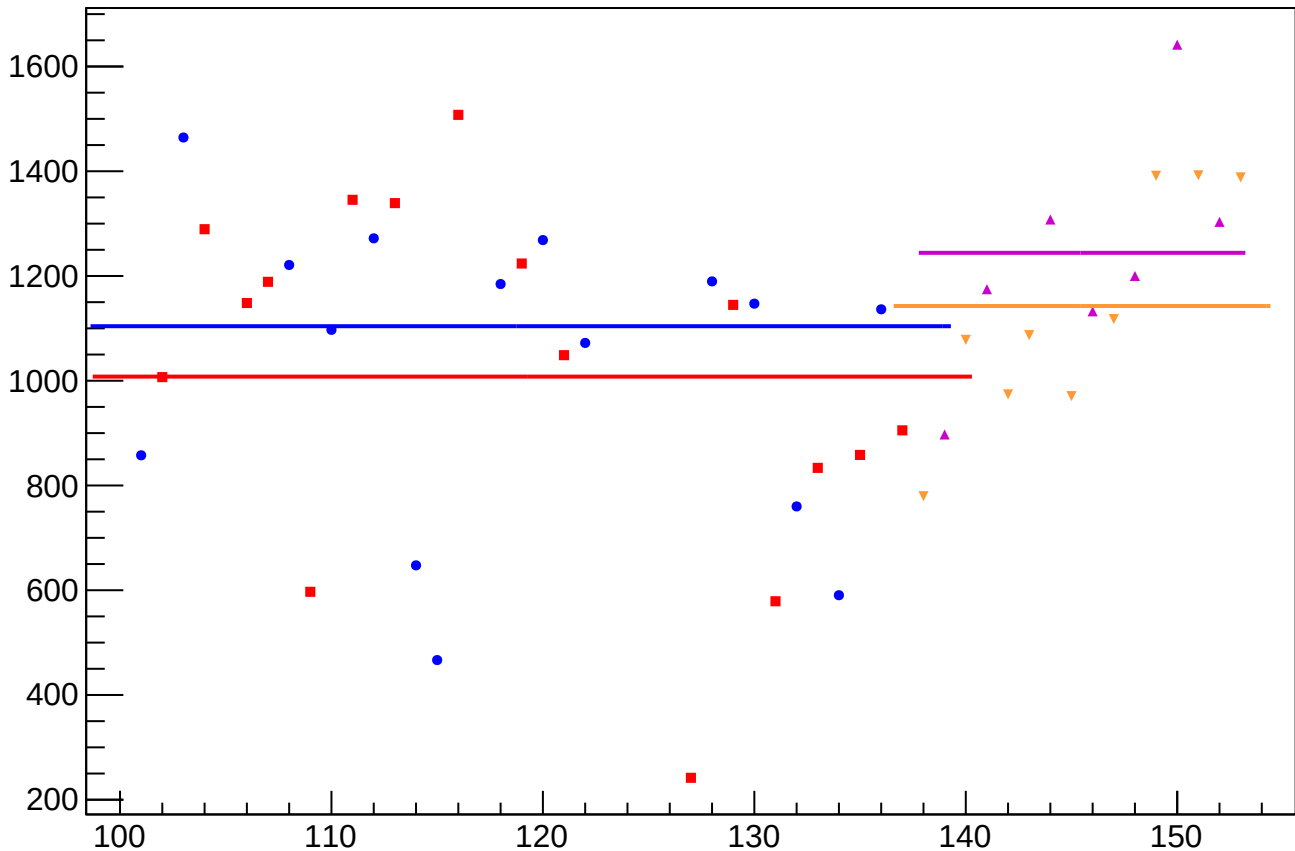
Left In: -7118.260+/-0.000 χ^2/NDF : 343638472469124405776132409179041169408.0/6

dit_atr2_coil3_err_mean vs Slug



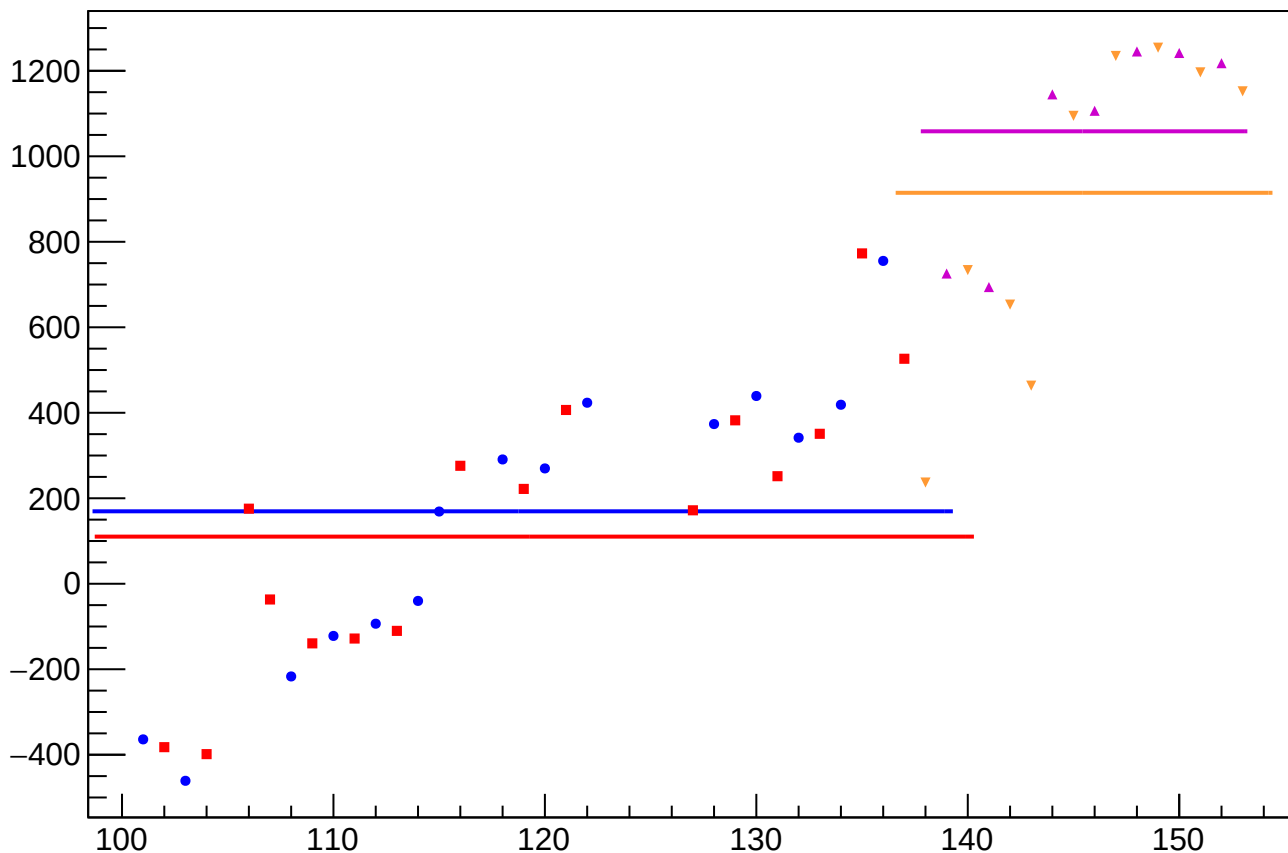
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 586.673+/-0.000 χ^2/NDF : 13458048221867489853356628178982928384.0/8
 Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: 629.123+/-0.000 χ^2/NDF : 6196570237293645777860811194508509184.0/6

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 914.620+/-0.000 χ^2/NDF : 86509077489667934087916486746093649920.0/8

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

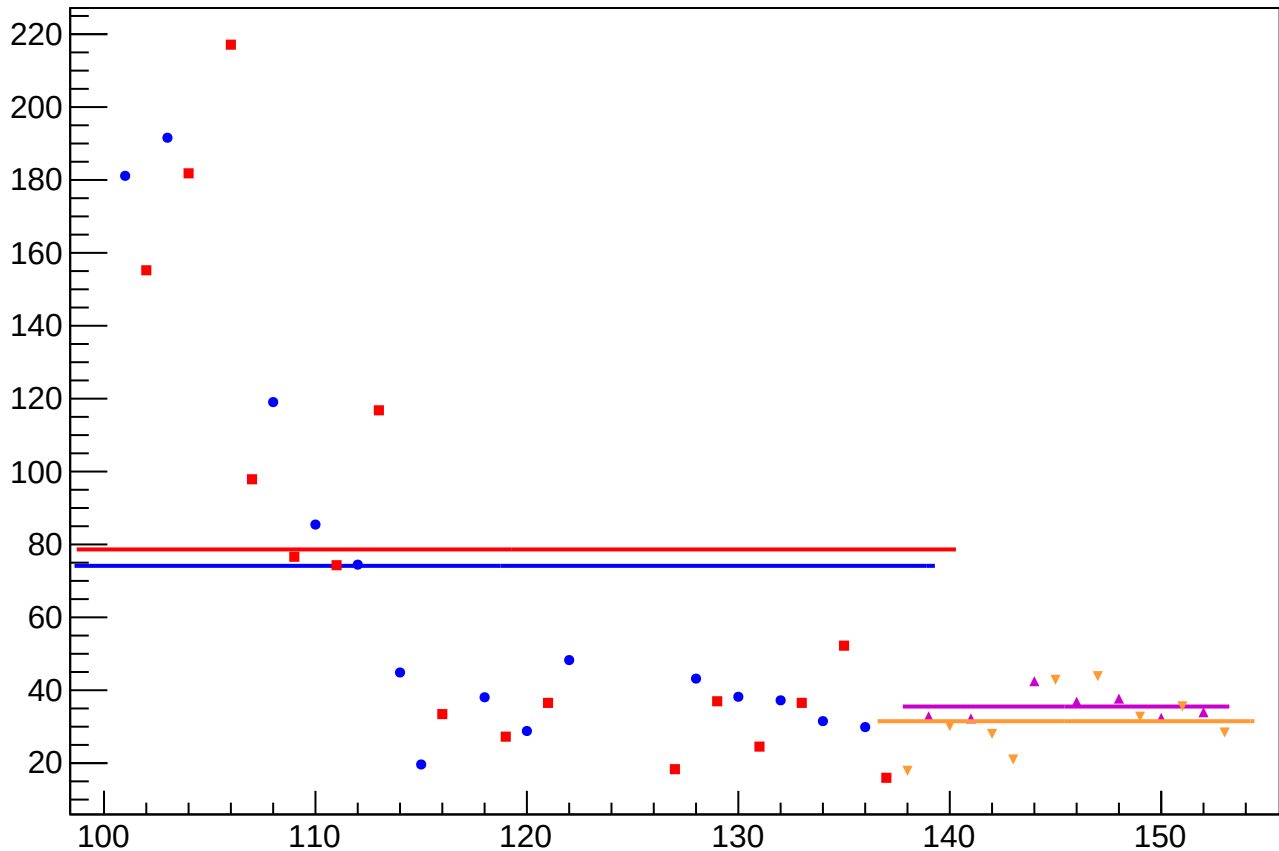
Left In: 1058.480+/-0.000 χ^2/NDF : 29304324470853302416929320280063475712.0/6

+ sign 550.197+/-0.000 χ^2/NDF : 366051332751601

All: 554.650+/-0.000 χ^2/NDF : 751163184022

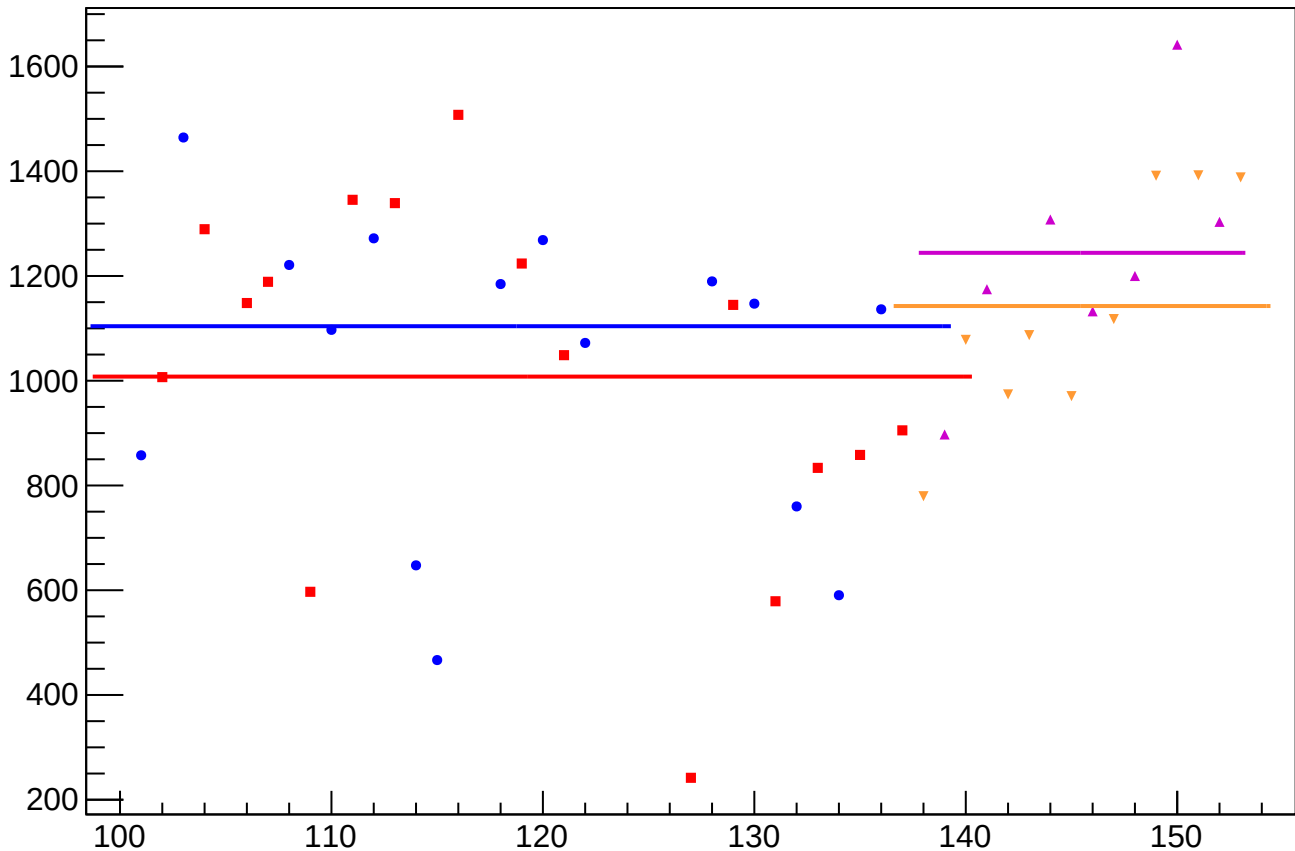
- sign 559.314+/-0.000 χ^2/NDF : 385057976931178

dit_sam1_coil3_err_mean vs Slug



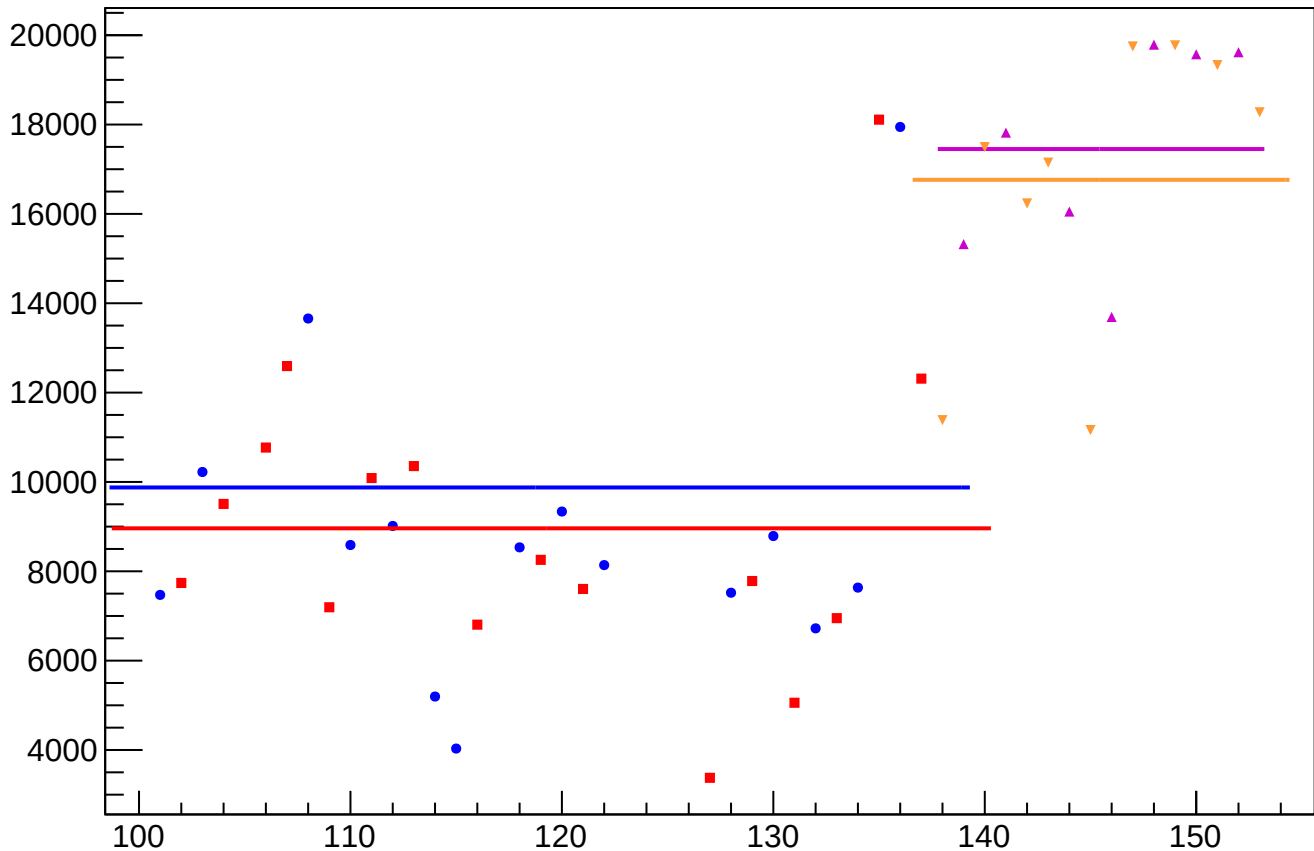
Right In: 74.129 $\pm$ 0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 31.504 $\pm$ 0.000 χ^2/NDF : 47111224569917170005249132054183936.0/8
 Right Out: 78.633 $\pm$ 0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: 35.528 $\pm$ 0.000 χ^2/NDF : 7428616535669189964868955376975872.0/6

dit_sam1_coil3_Ndata_mean vs Slug



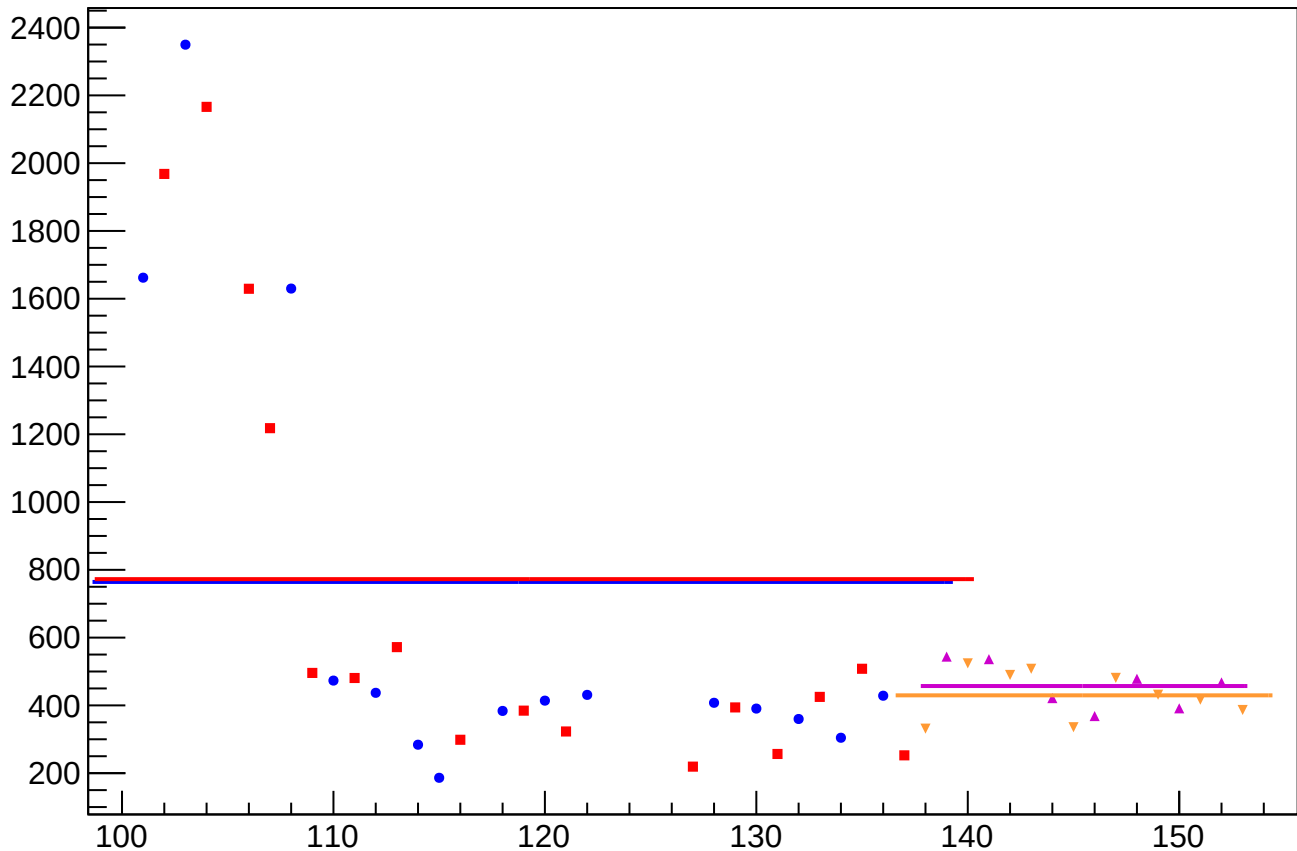
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 +/- 0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

dit_sam2_coil3_mean vs Slug



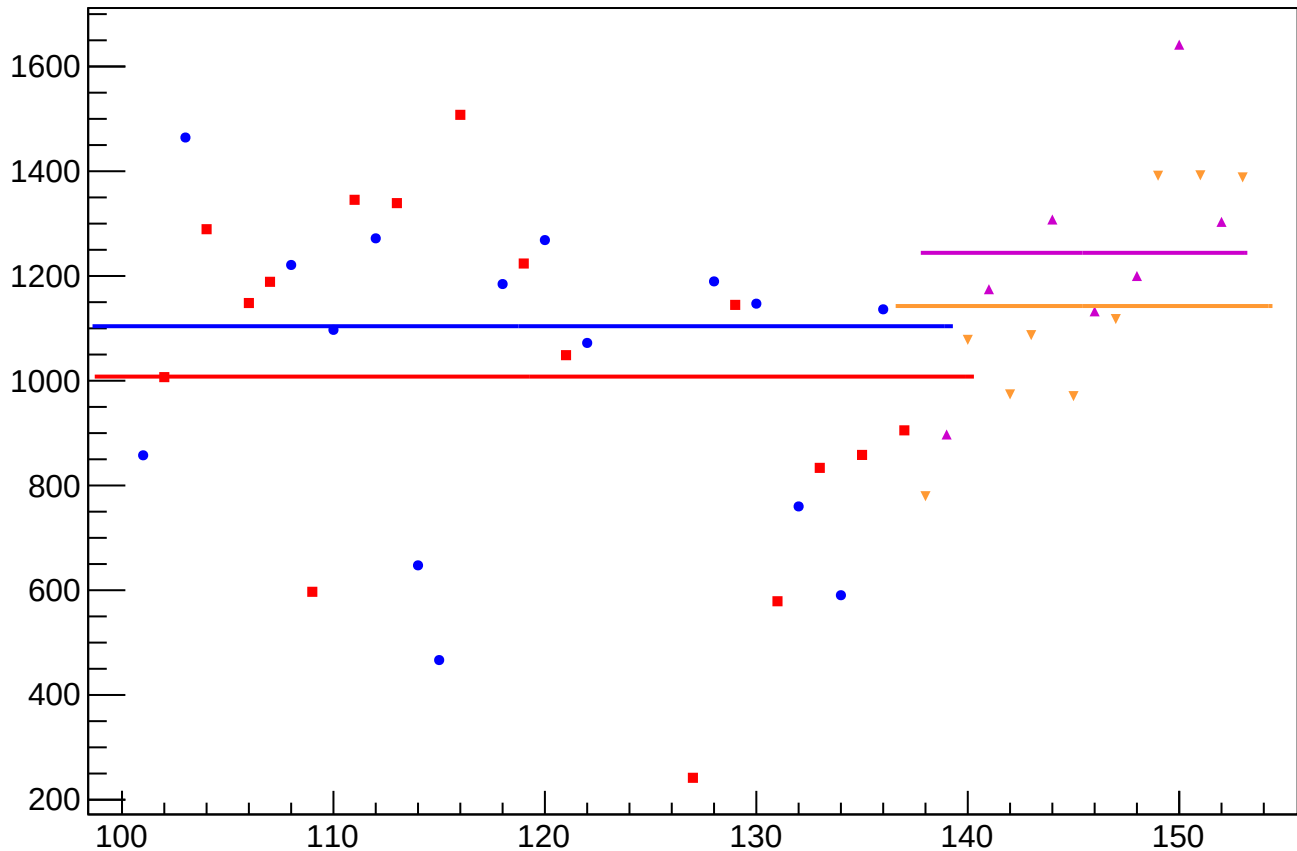
Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 16763.008+/-0.000 χ^2/NDF : 7023713666736556637188379570436090888192.0/8
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17452.046+/-0.000 χ^2/NDF : 3001853096225712386364243290083033088000.0/6

dit_sam2_coil3_err_mean vs Slug



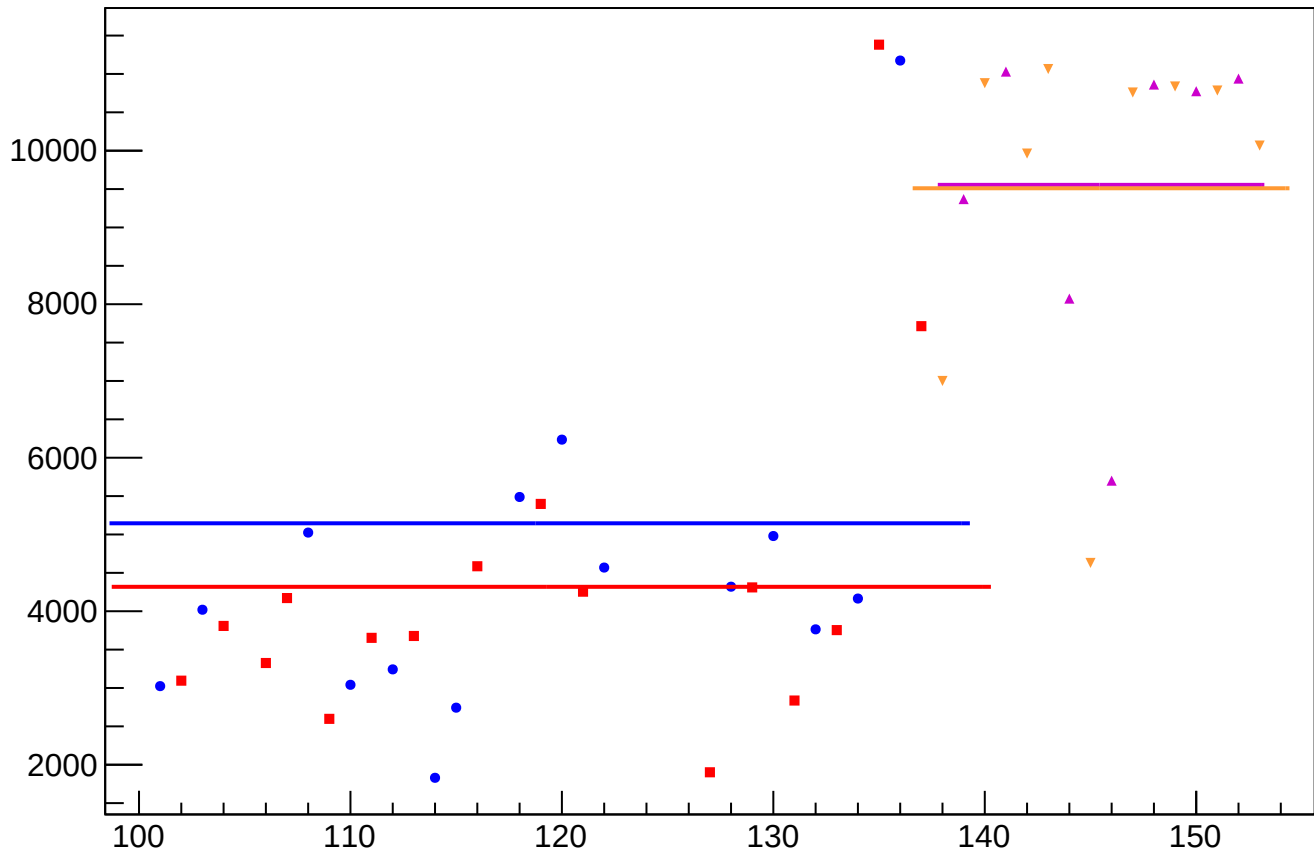
Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14
 Left Out: 429.645+/-0.000 χ^2/NDF : 3158343638515762648169058961455054848.0/8
 Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15
 Left In: 457.129+/-0.000 χ^2/NDF : 2352576057454010535561171937049706496.0/6

dit_sam2_coil3_Ndata_mean vs Slug



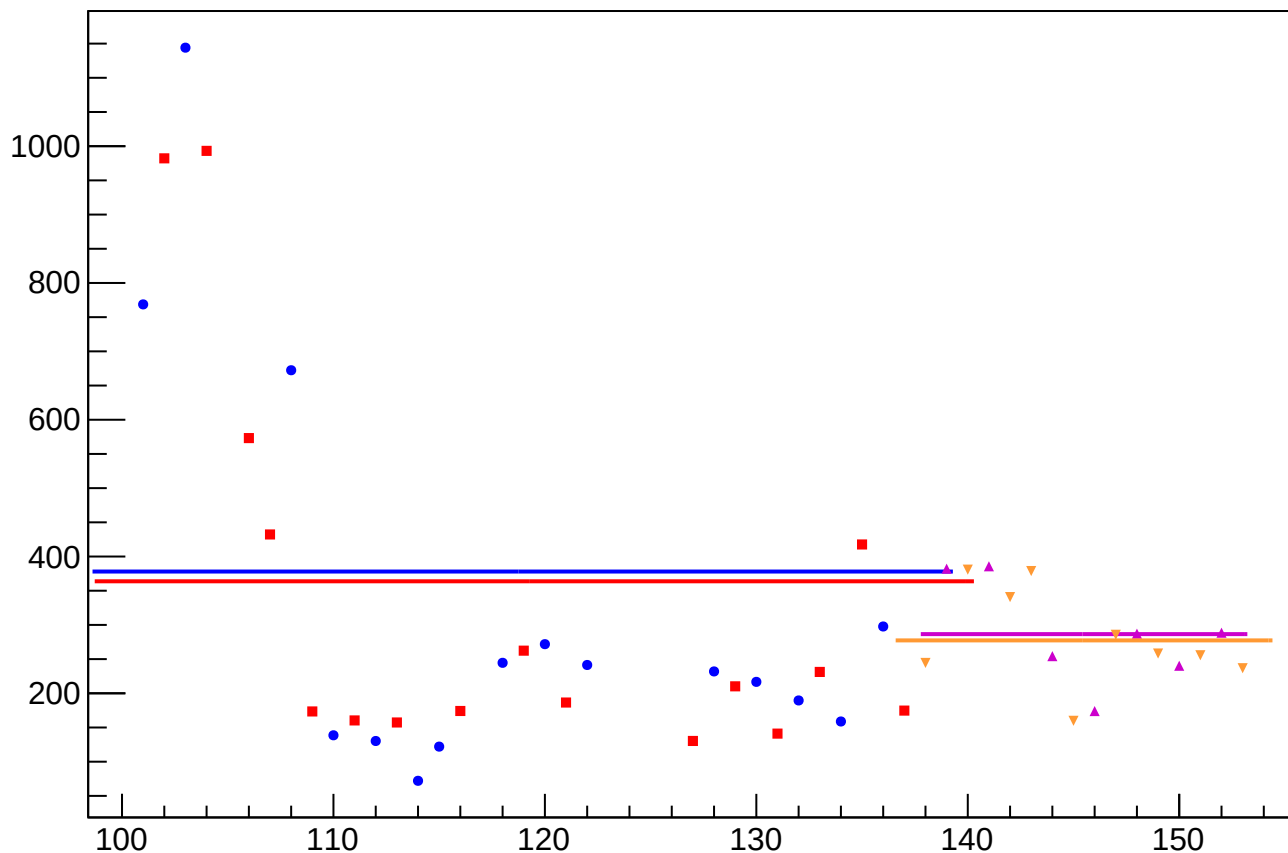
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9510.543+/-0.000 χ^2/NDF : 3166623251432300502307535538479083552768.0/8
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9554.871+/-0.000 χ^2/NDF : 2061694180497457139461553151070881972224.0/6

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 277.358+/-0.000 χ^2/NDF : 3168923104824711476024361287432536064.0/8

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

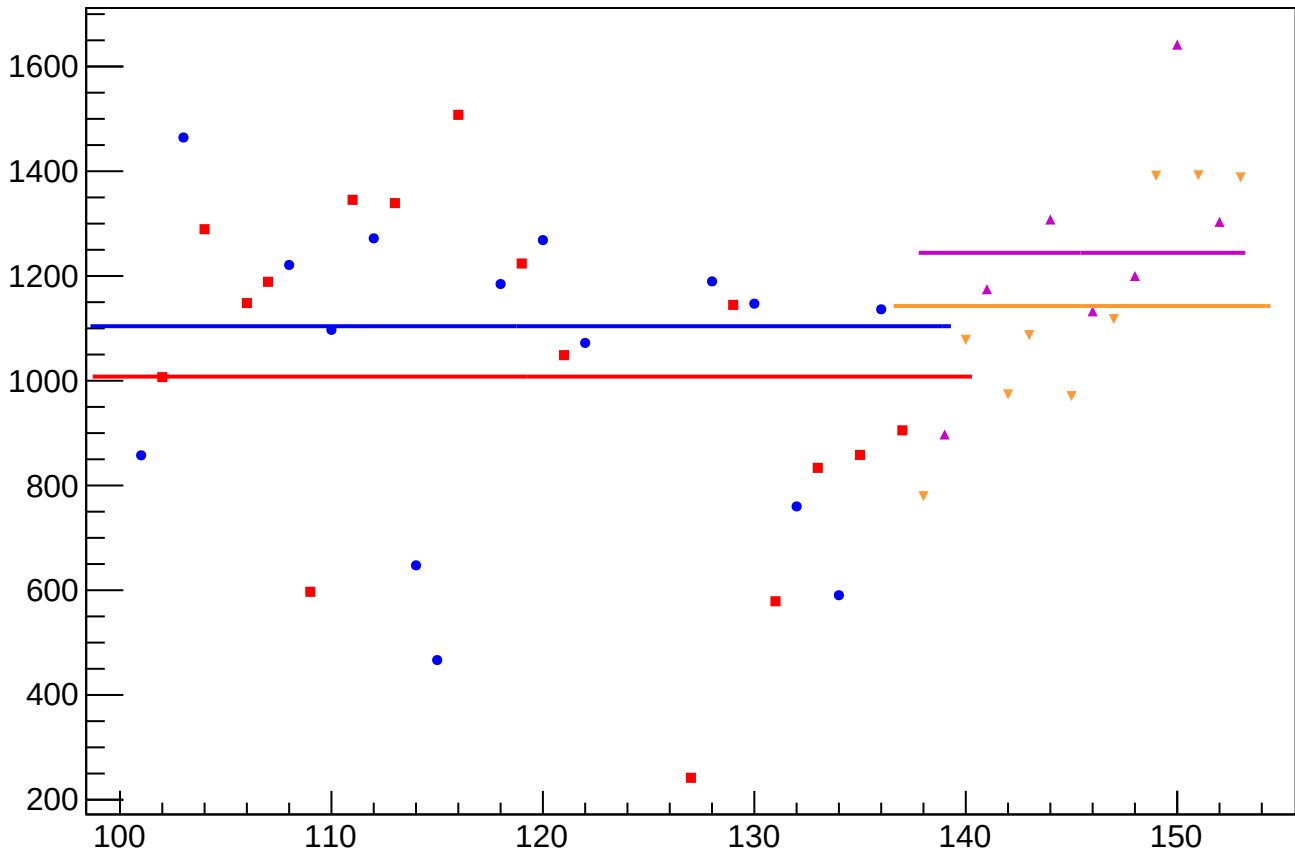
Left In: 286.549+/-0.000 χ^2/NDF : 2916035642487174878901372626273304576.0/6

+ sign 326.605+/-0.000 χ^2/NDF : 680476138463345

All: 326.897+/-0.000 χ^2/NDF : 131878853846

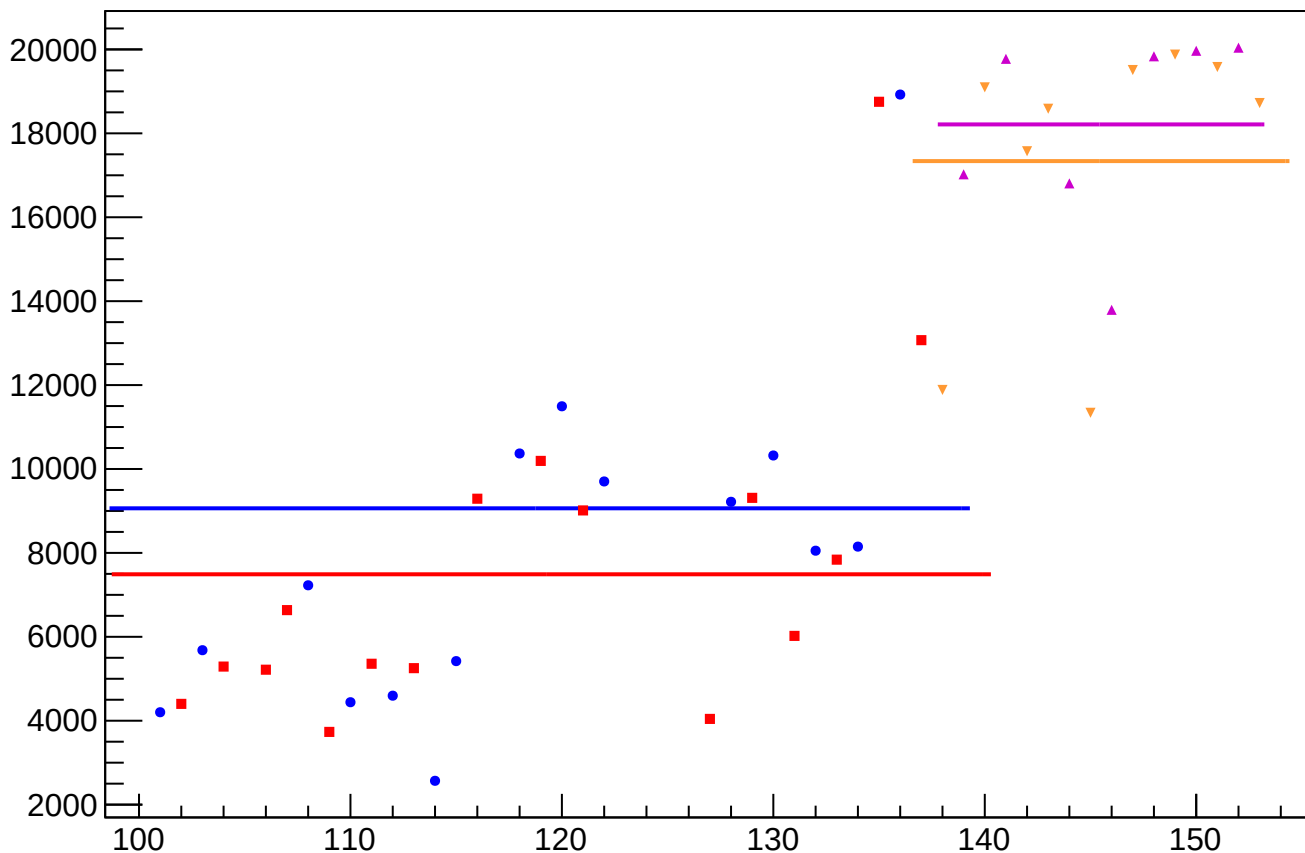
- sign 327.203+/-0.000 χ^2/NDF : 638310082956141

dit_sam3_coil3_Ndata_mean vs Slug



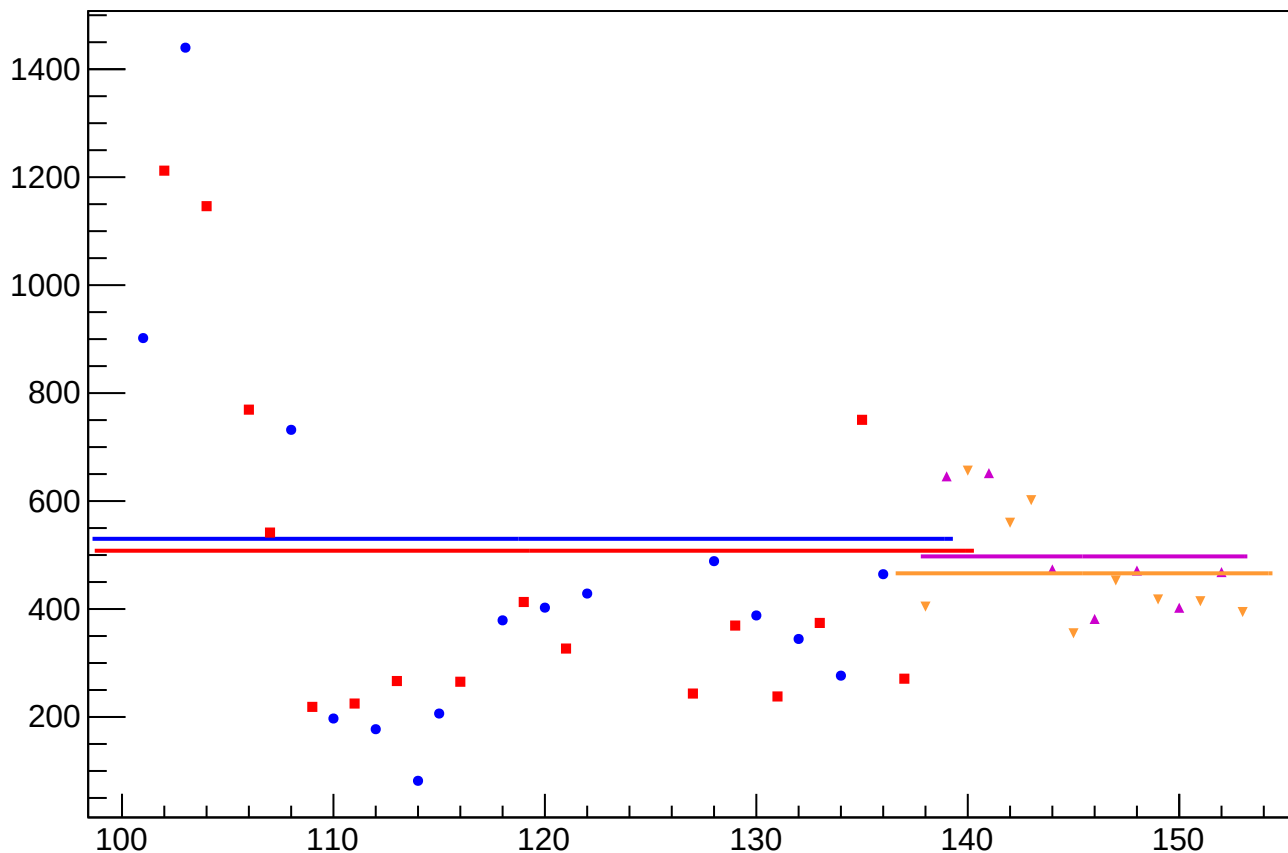
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17338.473+/-0.000 χ^2/NDF : 7054416793024269146409791453725909319680.0/8
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18212.772+/-0.000 χ^2/NDF : 2911551367456144531814846167541878882304.0/6

dit_sam4_coil3_err_mean vs Slug



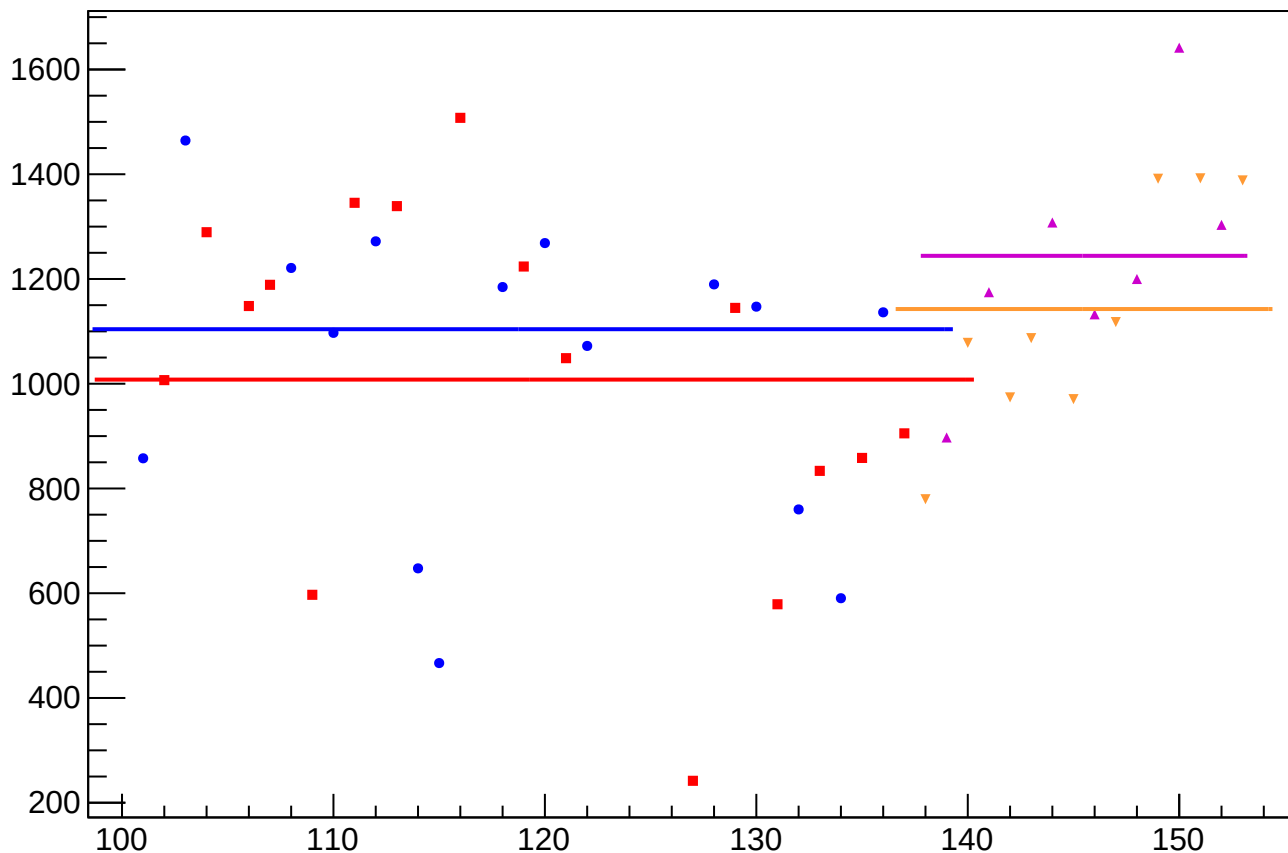
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 466.141+/-0.000 χ^2/NDF : 6750546130894033369893573630191730688.0/8

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: 497.464+/-0.000 χ^2/NDF : 5924982317600517123285374660346118144.0/6

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

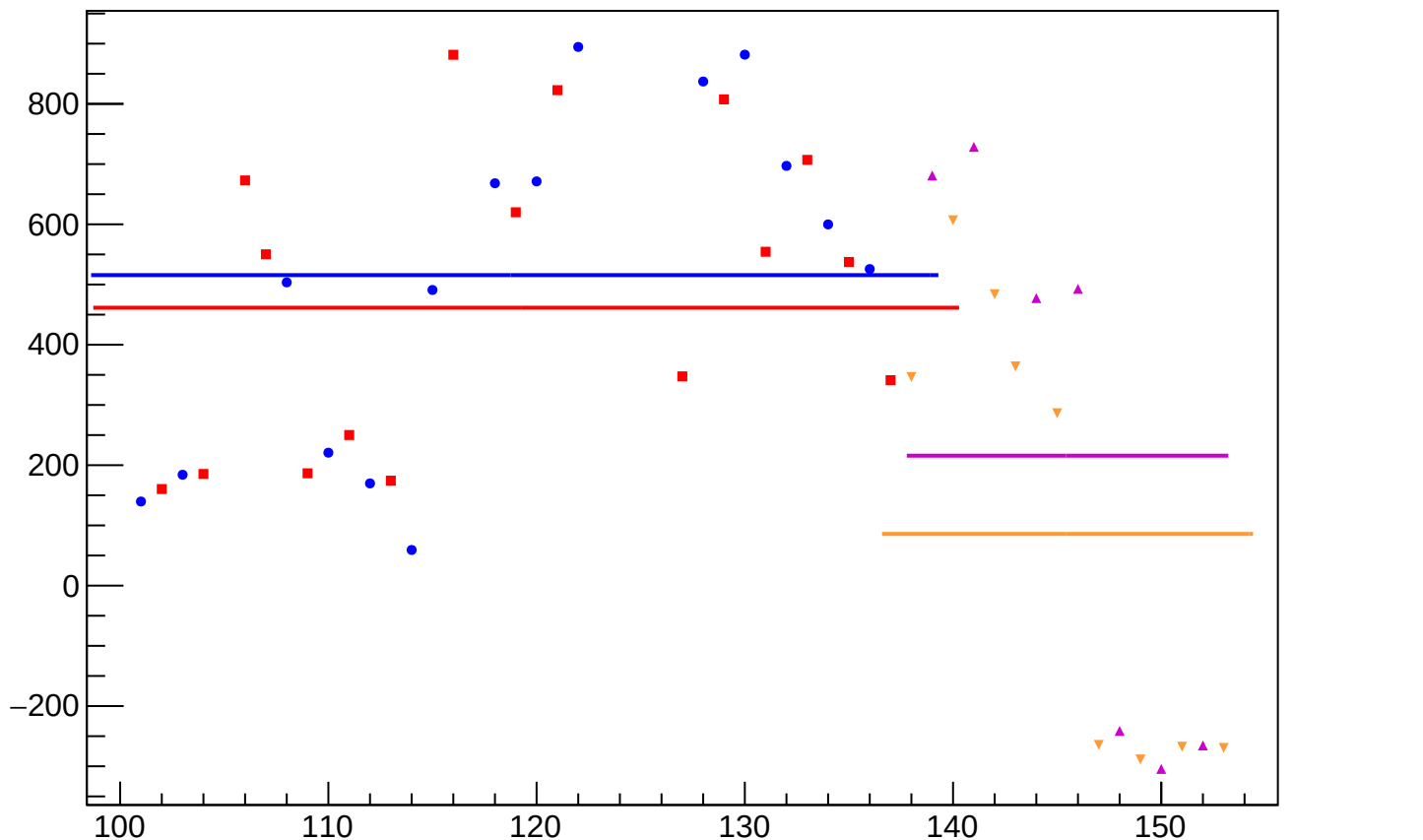
Left In: 1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6

+ sign 1123.799 $\pm$ 0.000 χ^2 /NDF: 62943916536486

All: 1121.852 $\pm$ 0.000 χ^2 /NDF: 17606313096

- sign 1119.814 $\pm$ 0.000 χ^2 /NDF: 11310892129644

dit_sam5_coil3_mean vs Slug



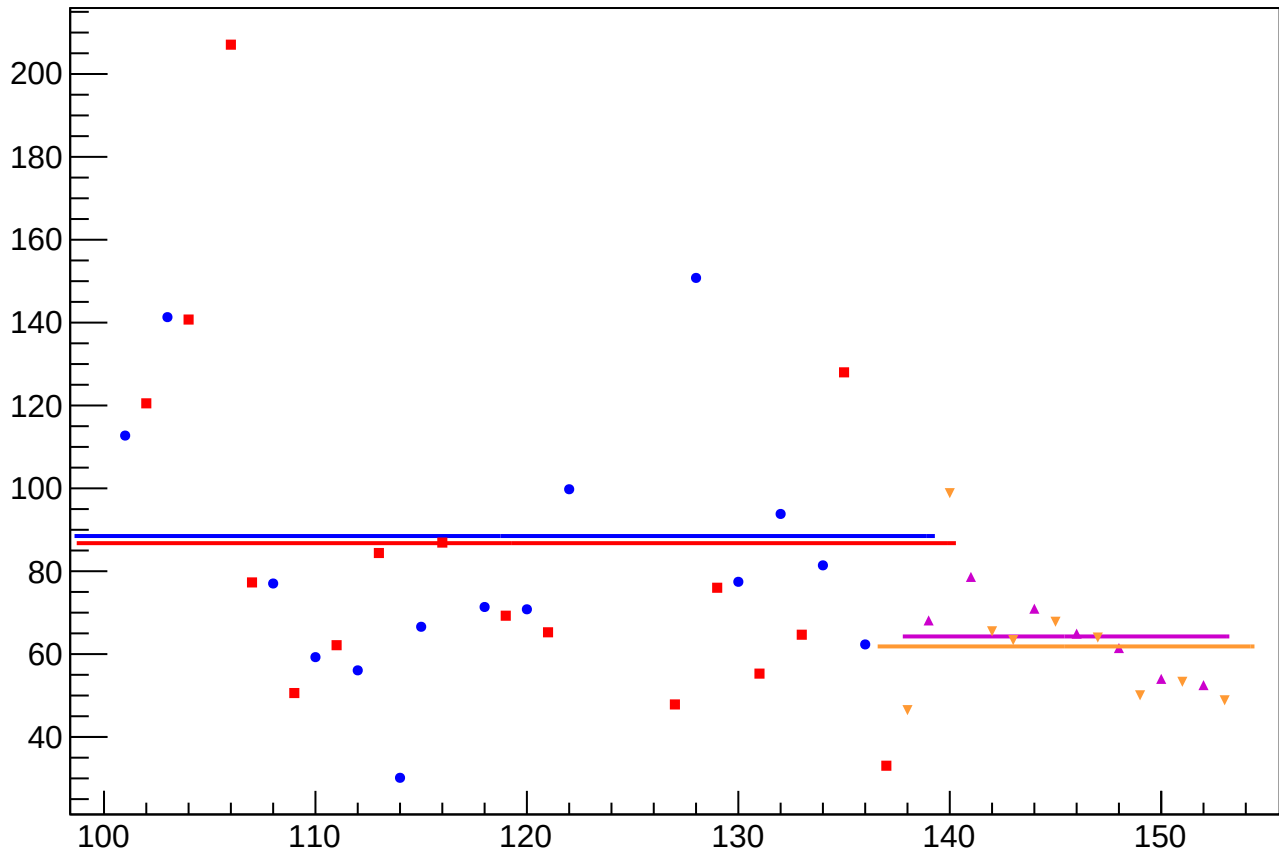
Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 85.859+/-0.000 χ^2/NDF : 84967609449411639128589666612695531520.0/8

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

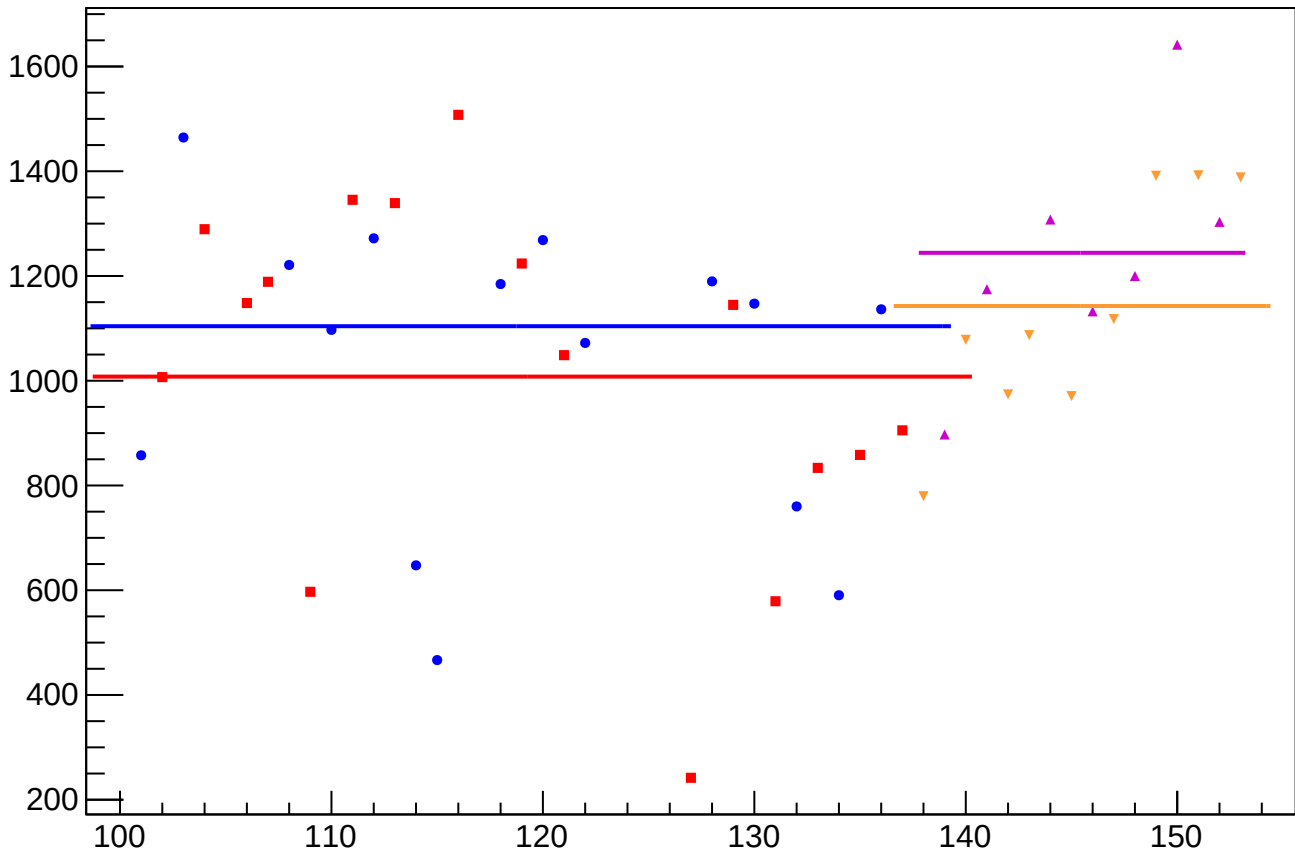
Left In: 215.772+/-0.000 χ^2/NDF : 114653598712335555670008293237519810560.0/6

dit_sam5_coil3_err_mean vs Slug



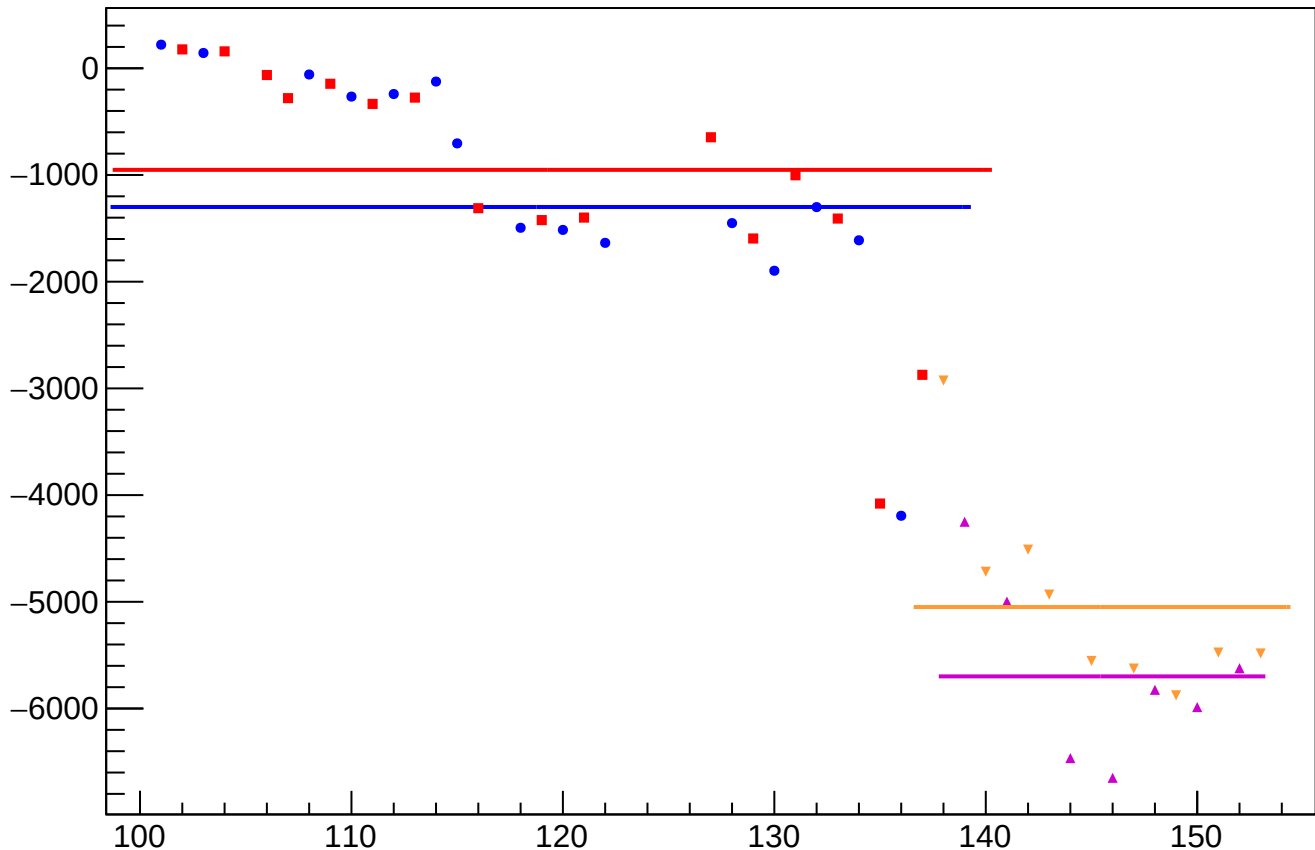
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Left Out: 61.849+/-0.000 χ^2/NDF : 166297277818231353124313286769115136.0/8
 Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15
 Left In: 64.259+/-0.000 χ^2/NDF : 44989331579394899086378381583843328.0/6

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 +/- 0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -5048.882+/-0.000

+ sign -3215.357+/-0.000 χ^2/NDF : 6369027652268

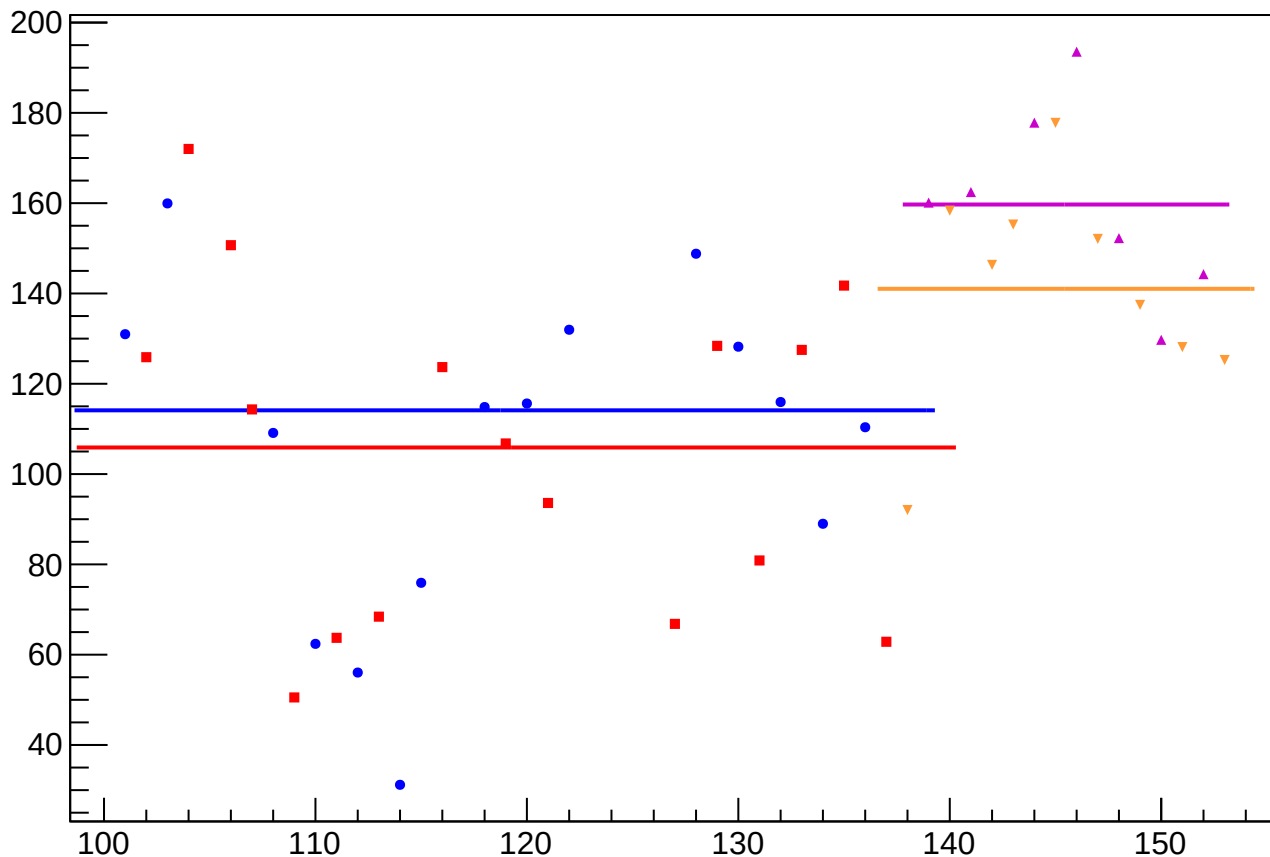
Right Out: -951.903+/-0.000

All: -3207.817+/-0.000 χ^2/NDF : 1467673034

Left In: -5698.962+/-0.000

- sign -3199.919+/-0.000 χ^2/NDF : 83075482000969

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.035 $\pm$ 0.000 χ^2 /NDF: 380662010782642728285213347658334208.0/8

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

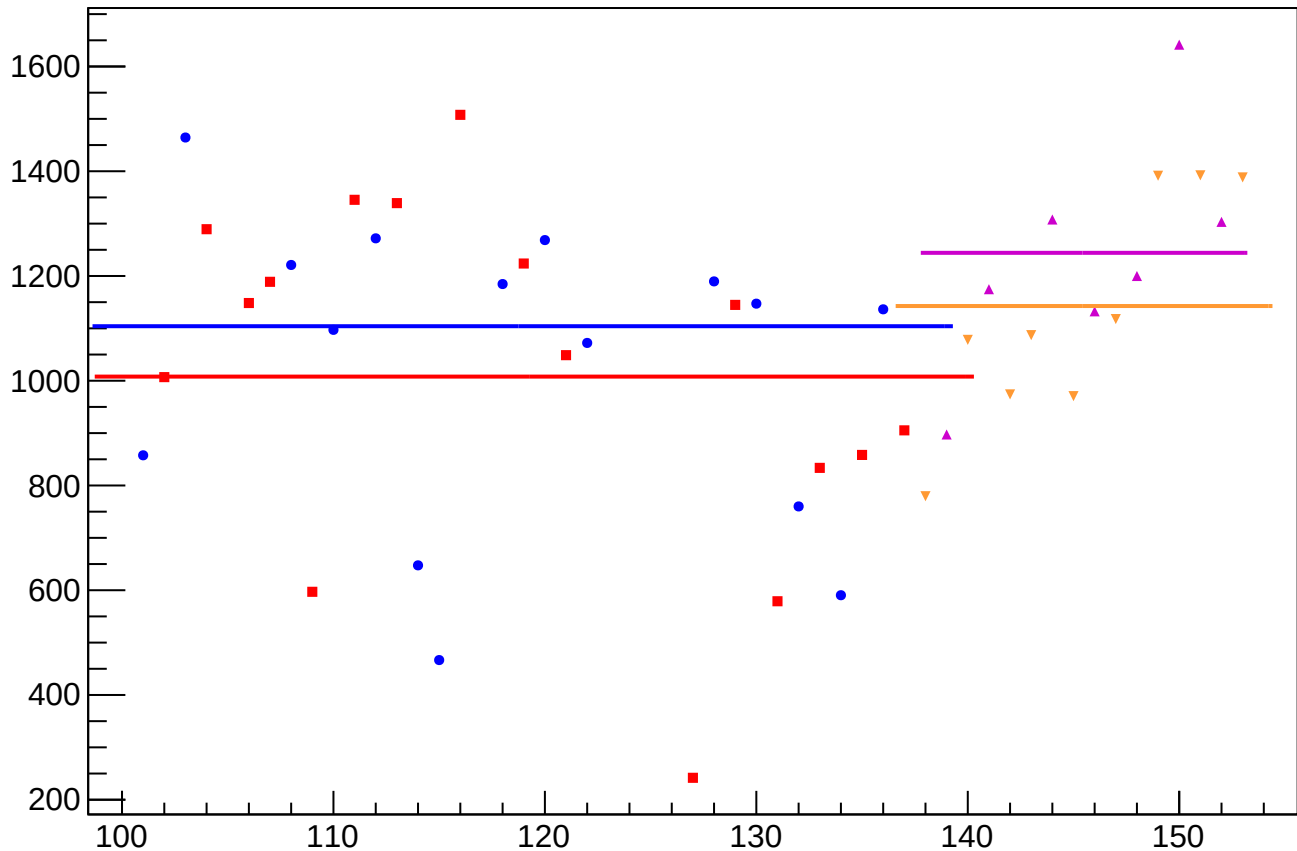
Left In: 159.702 $\pm$ 0.000 χ^2 /NDF: 232083264989811610328078025656107008.0/6

+ sign 127.871 $\pm$ 0.000 χ^2 /NDF: 122813550043112

All: 129.581 $\pm$ 0.000 χ^2 /NDF: 32347030049

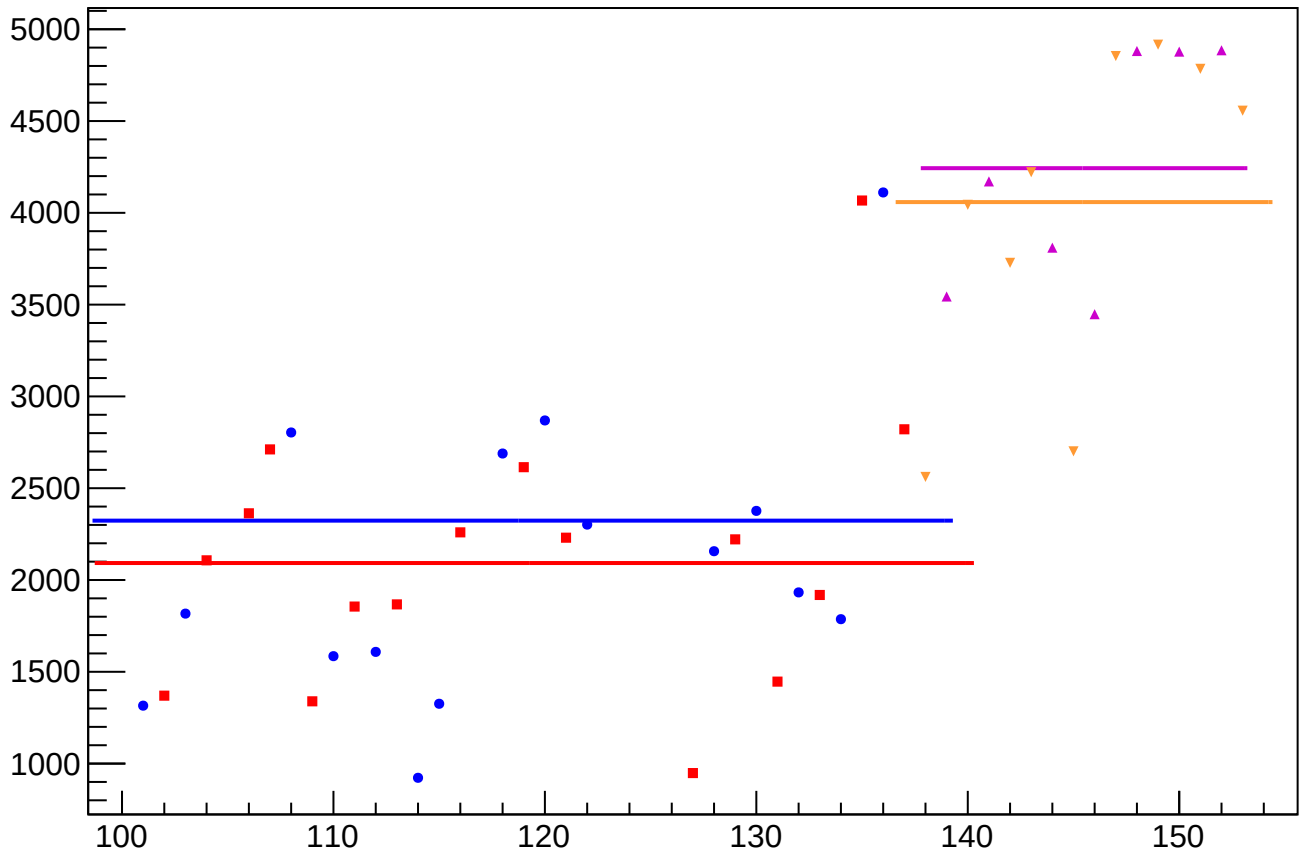
- sign 131.373 $\pm$ 0.000 χ^2 /NDF: 199861665207567

dit_sam6_coil3_Ndata_mean vs Slug



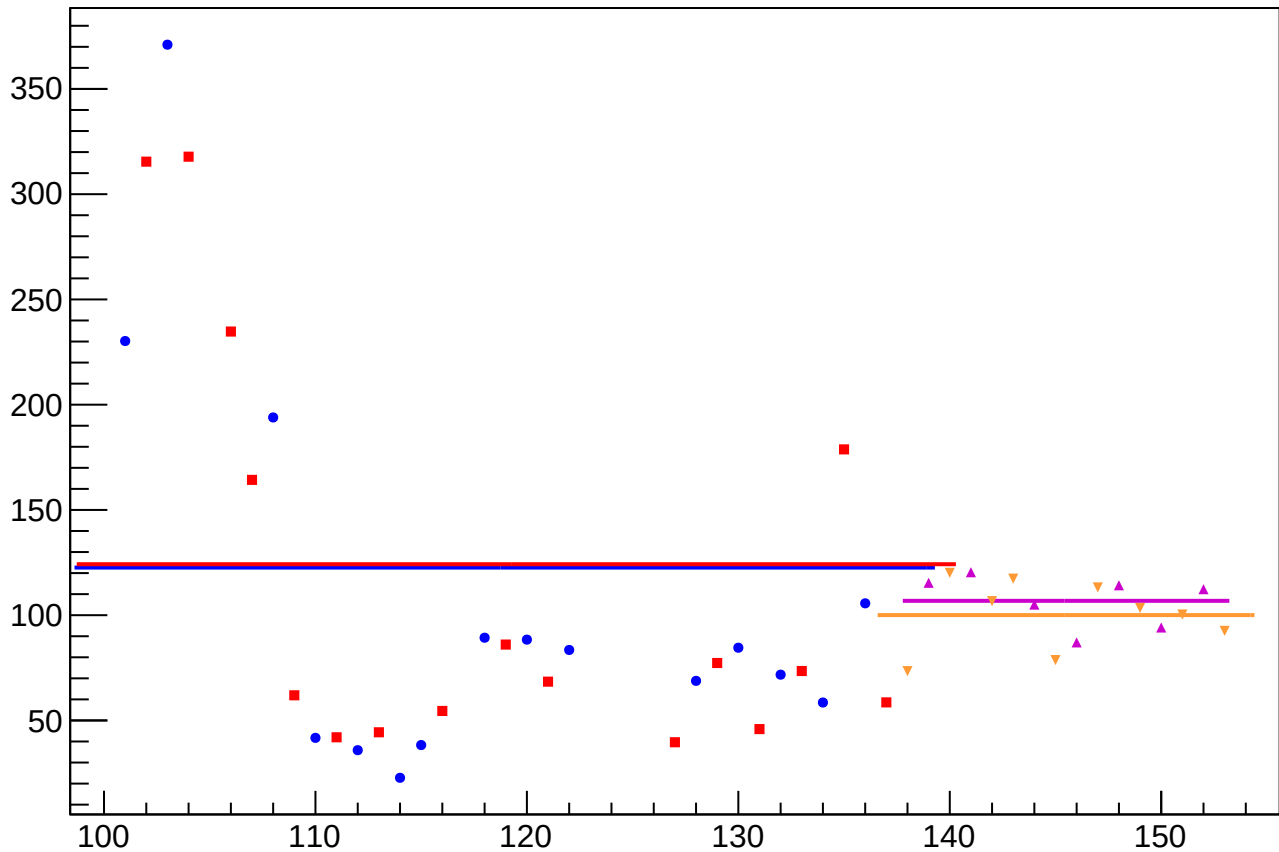
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

dit_sam7_coil3_mean vs Slug



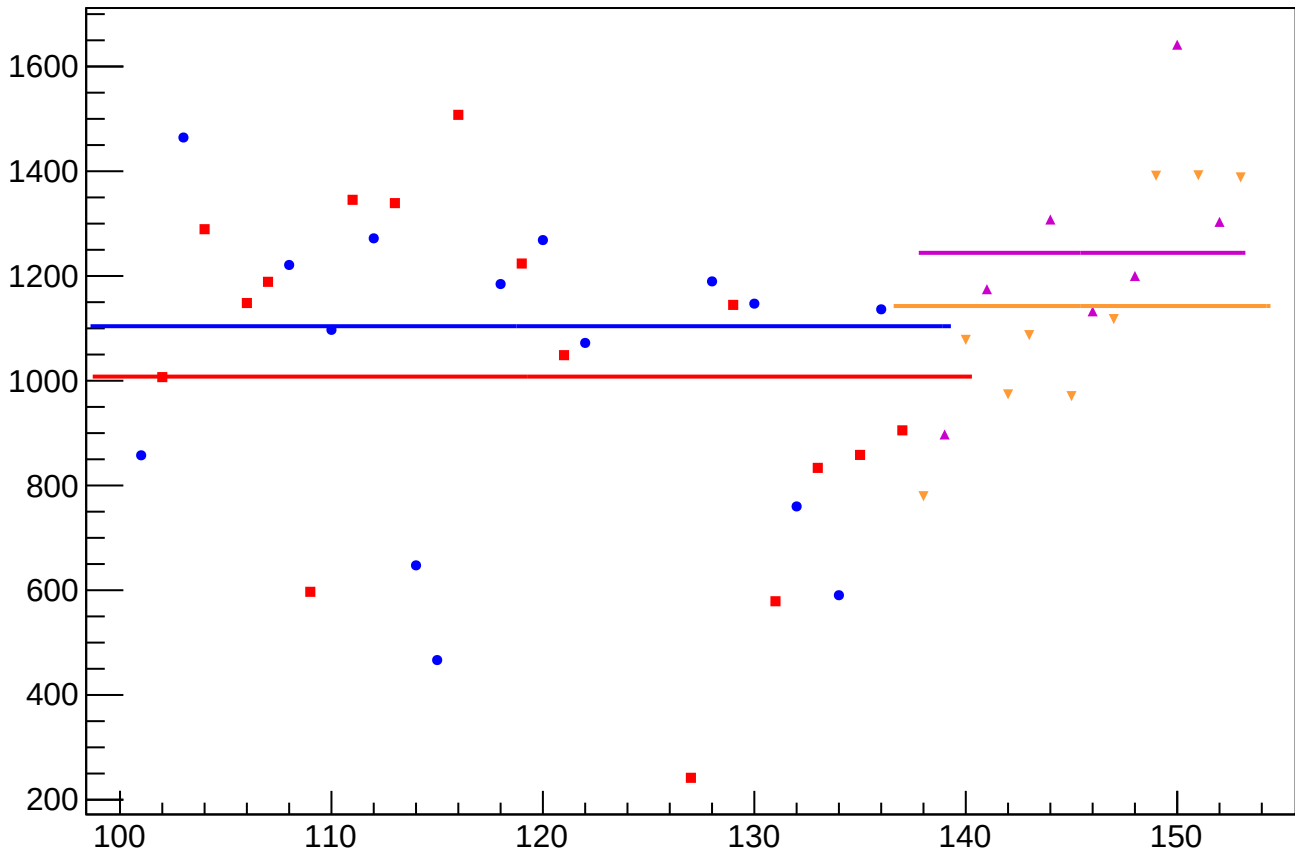
Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14
 Left Out: 4058.545+/-0.000 χ^2/NDF : 503721682396466645789768405060146954240.0/8
 Right Out: 2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15
 Left In: 4243.233+/-0.000 χ^2/NDF : 215990430422287458327284381138246696960.0/6

dit_sam7_coil3_err_mean vs Slug



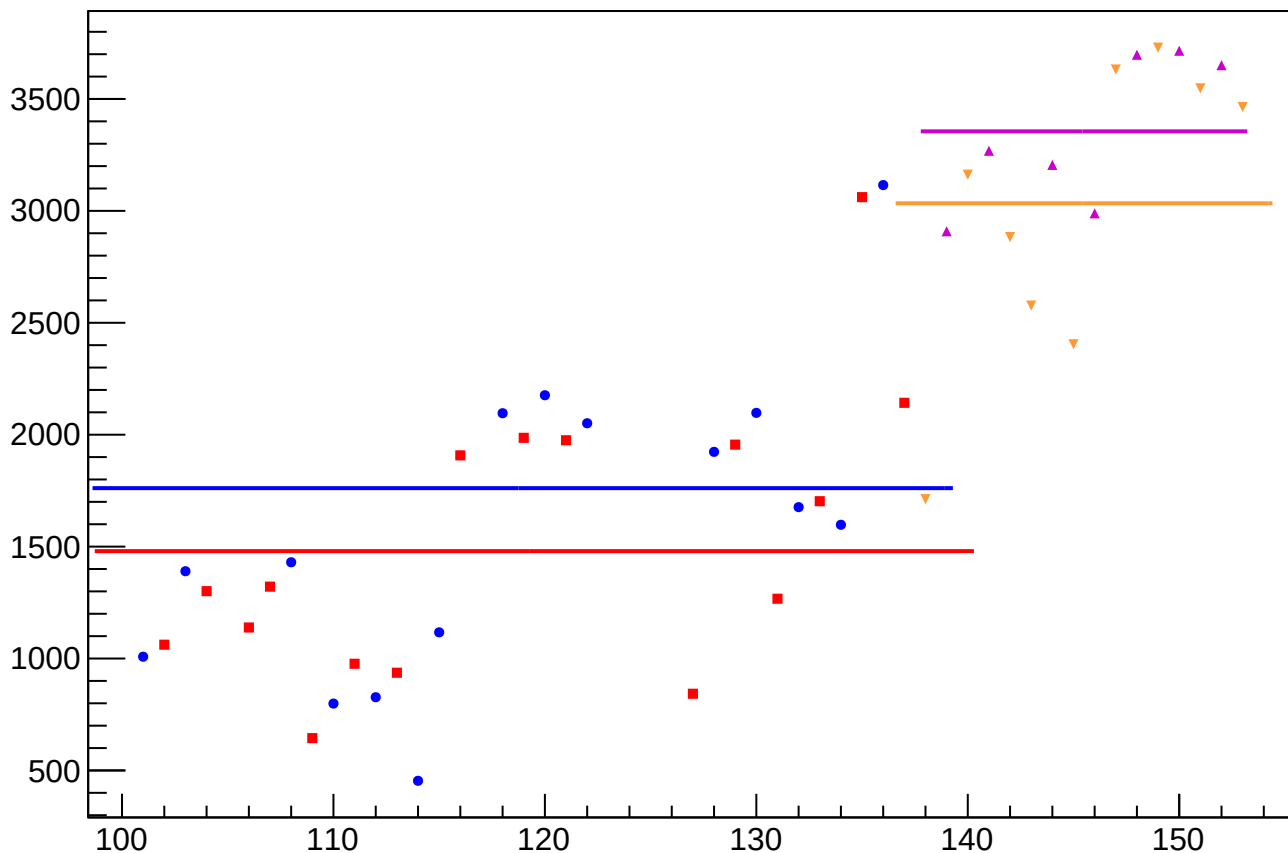
Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left Out: 100.046+/-0.000 χ^2/NDF : 166623776486744851959786166449864704.0/8
 Right Out: 124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Left In: 106.825+/-0.000 χ^2/NDF : 76136950408732056095489025562902528.0/6

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 +/- 0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

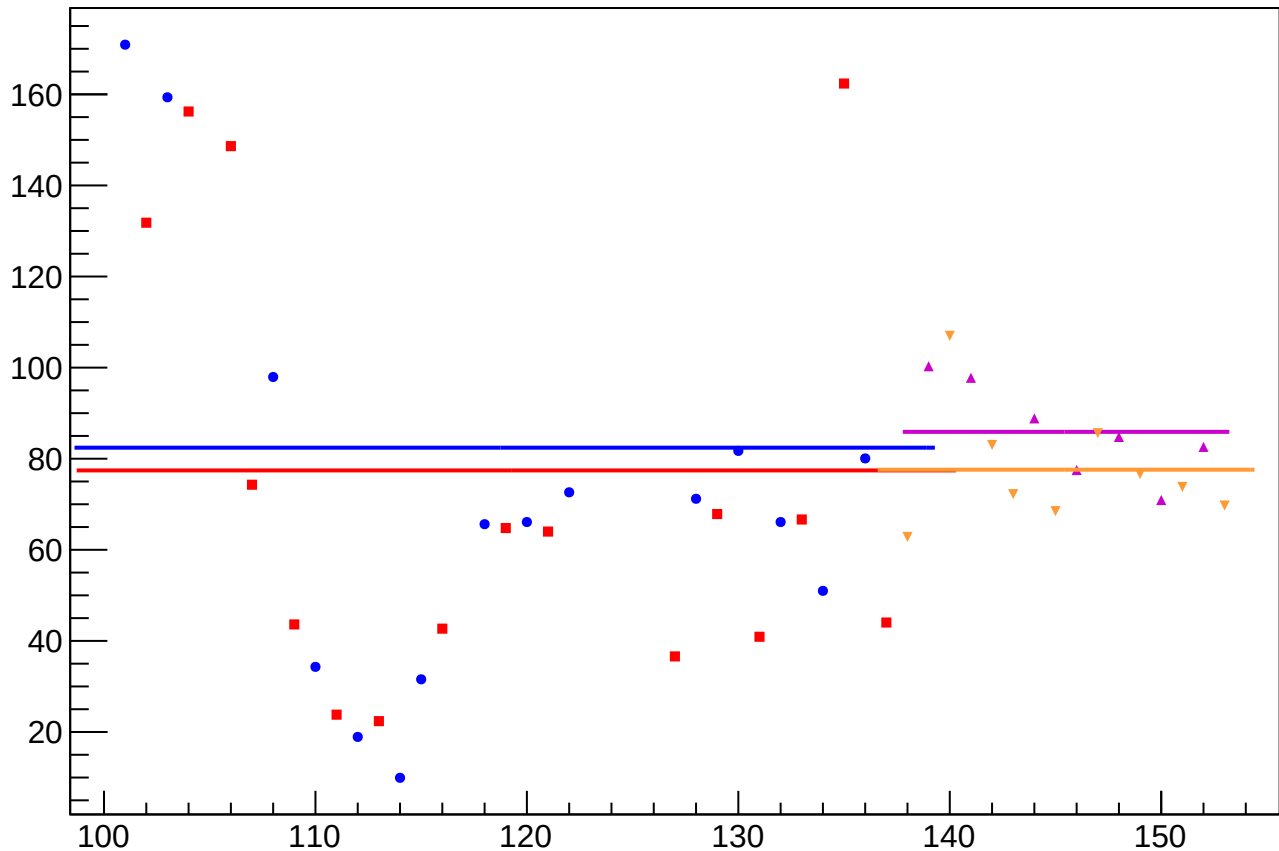
dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000	χ^2/NDF : 332206925976055306953064744993096204288.0/14
Left Out: 3033.829+/-0.000	χ^2/NDF : 289293867806488513517554476110661550080.0/8
Right Out: 1479.801+/-0.000	χ^2/NDF : 263467768134780968832551238609236131840.0/15
Left In: 3355.297+/-0.000	χ^2/NDF : 59166202753644451304162905979659223040.0/6

+ sign 2411.442+/-0.000 χ^2/NDF : 11585037124907
 All: 2390.204+/-0.000 χ^2/NDF : 25934114495
 - sign 2367.960+/-0.000 χ^2/NDF : 14336822533972

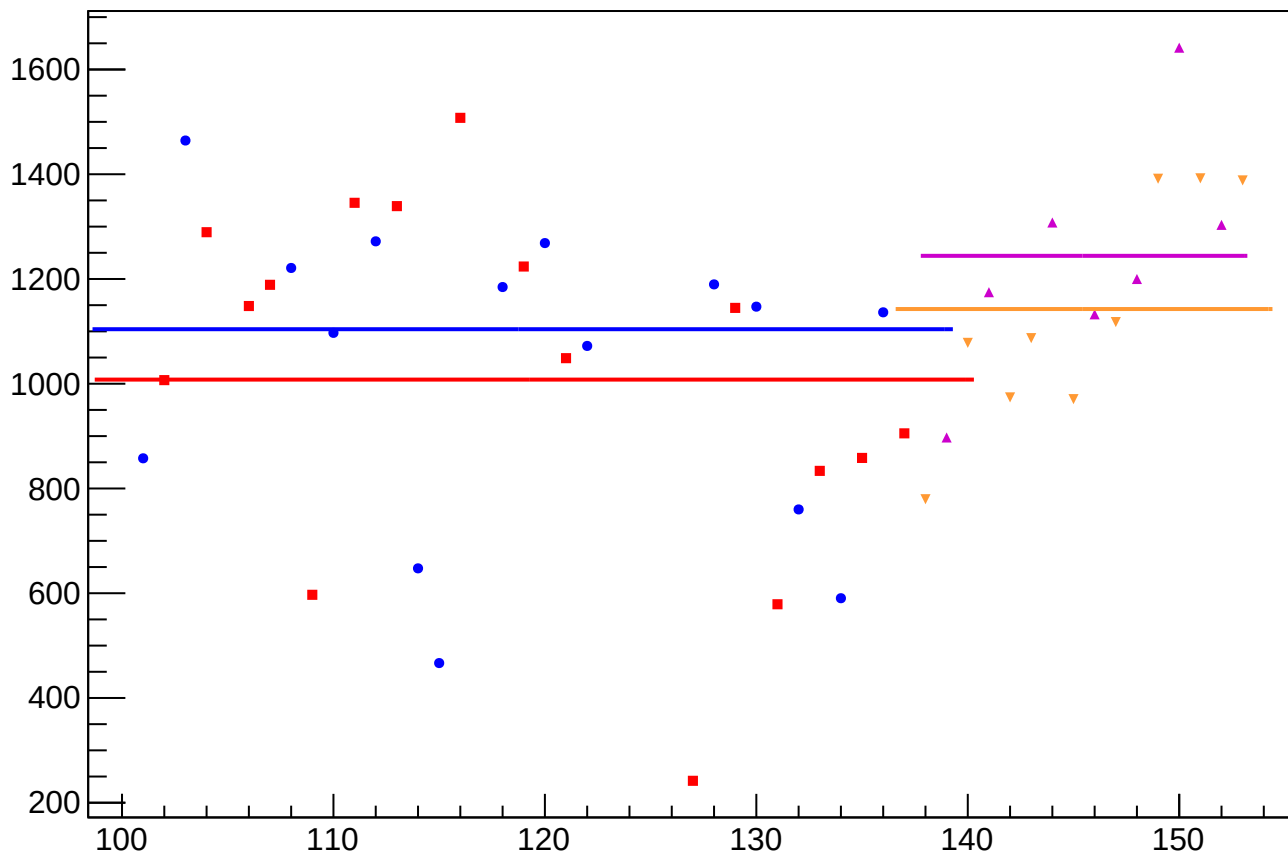
dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000	χ^2/NDF : 1263633347129443757477527241185296384.0/14
Left Out: 77.588+/-0.000	χ^2/NDF : 109319281137683649913539638845243392.0/8
Right Out: 77.430+/-0.000	χ^2/NDF : 1515456409368458038568290276111024128.0/15
Left In: 85.899+/-0.000	χ^2/NDF : 56792921001479330216234614119202816.0/6

+ sign 79.952+/-0.000 χ^2/NDF : 1380700606439976
 All: 80.679+/-0.000 χ^2/NDF : 2977038934792
 - sign 81.440+/-0.000 χ^2/NDF : 1594902992551913

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1142.645 +/- 0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

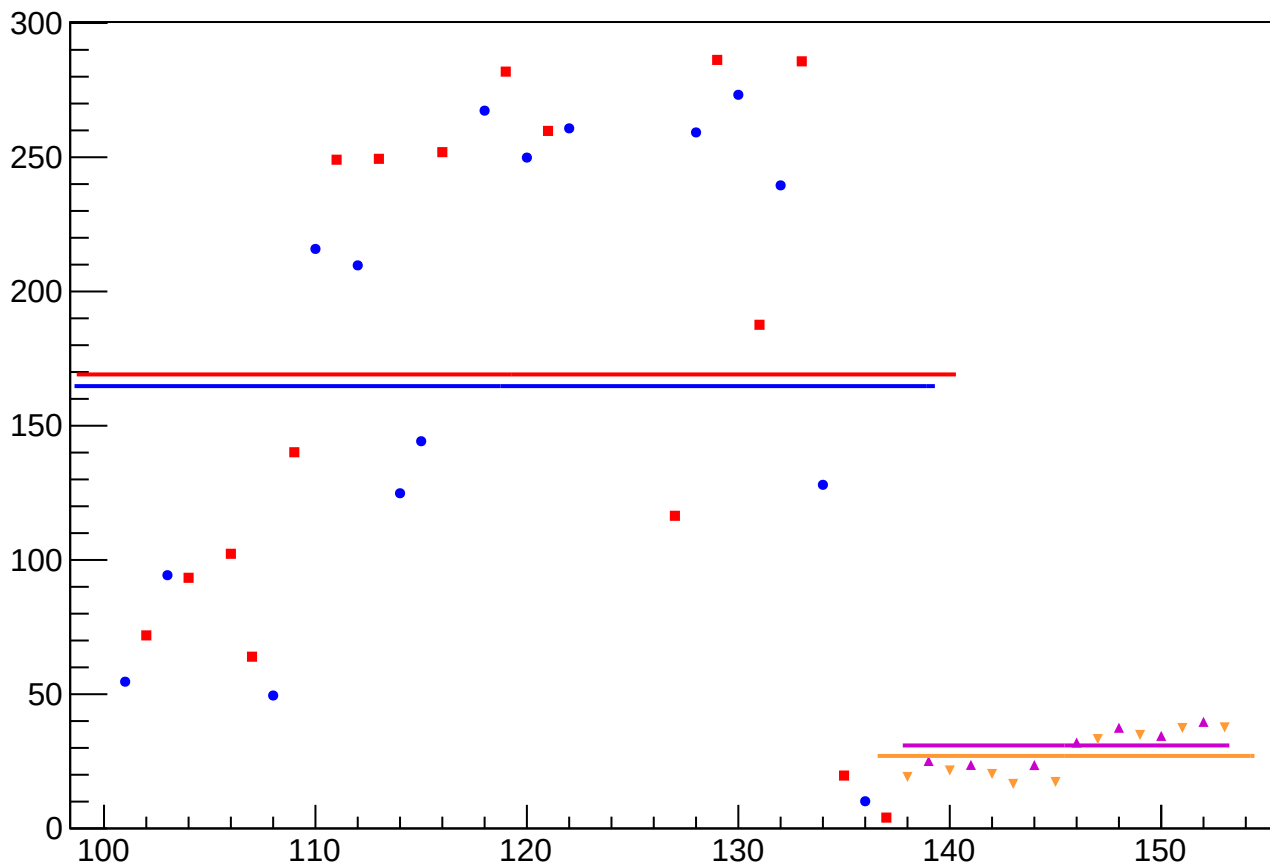
Left In: 1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6

+ sign 1123.799 +/- 0.000 χ^2/NDF : 62943916536486

All: 1121.852 +/- 0.000 χ^2/NDF : 17606313096

- sign 1119.814 +/- 0.000 χ^2/NDF : 11310892129644

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

+ sign 94.378+/-0.000 χ^2/NDF : 1271091297739477

Left Out: 27.015+/-0.000 χ^2/NDF : 50329822395528375739283589686099968.0/8

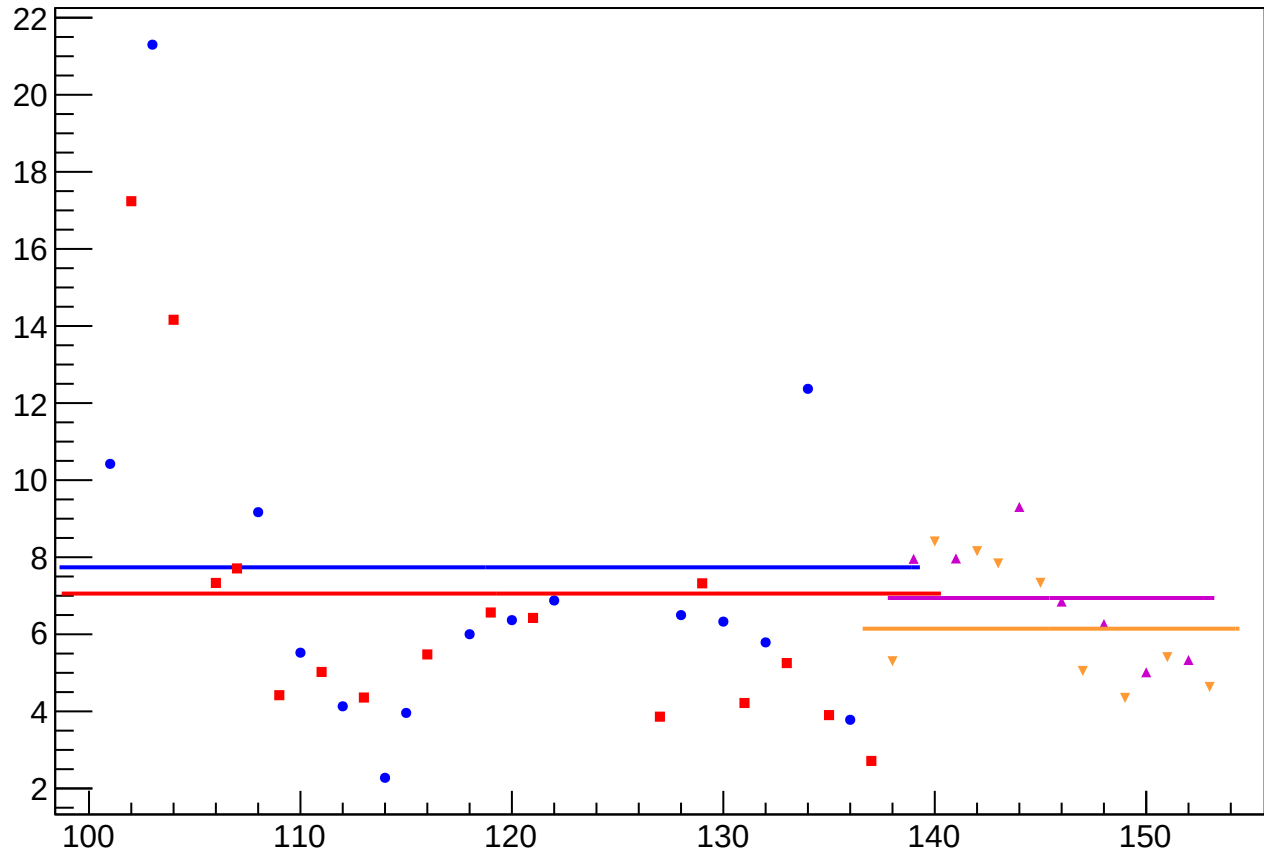
All: 98.915+/-0.000 χ^2/NDF : 2486282742958

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

- sign 103.667+/-0.000 χ^2/NDF : 120959905484155

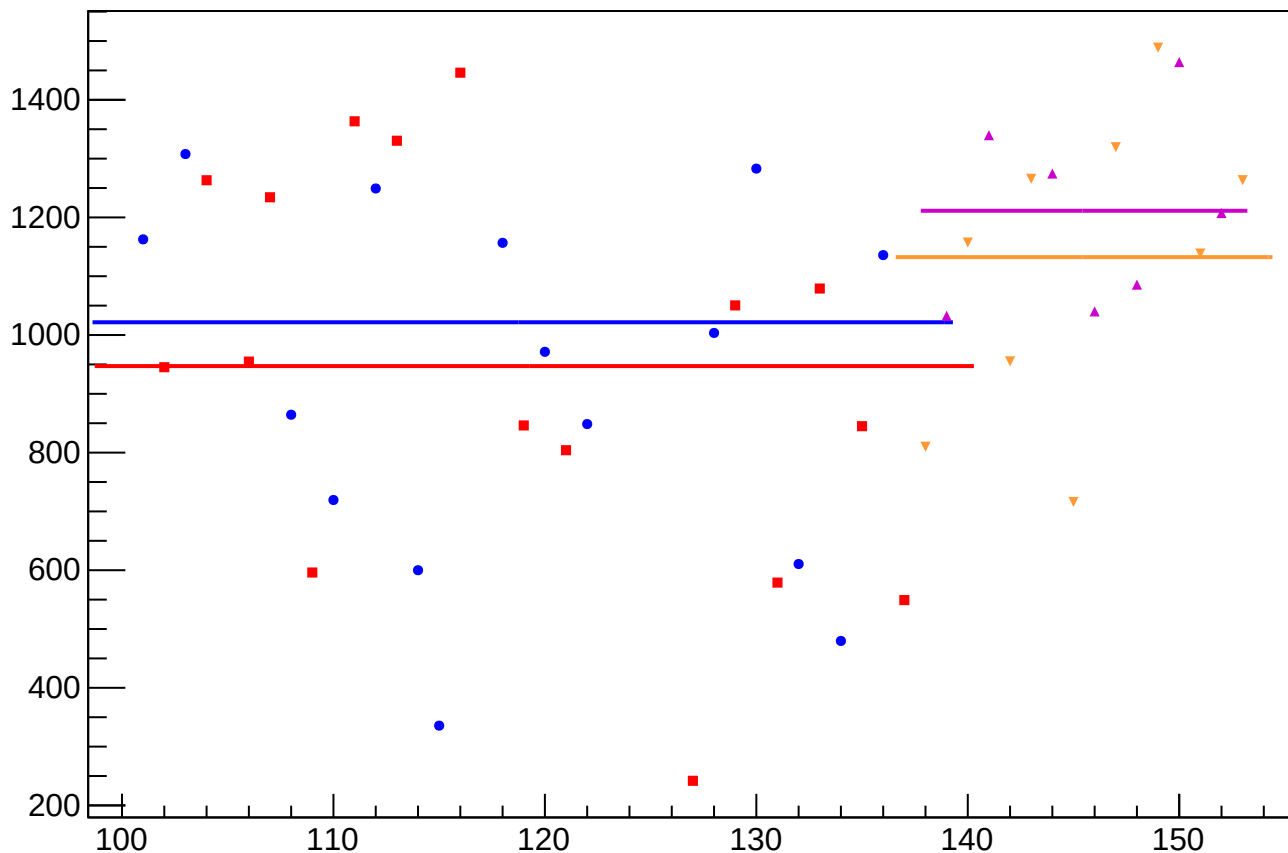
Left In: 30.919+/-0.000 χ^2/NDF : 23531200590952148337491006564859904.0/6

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14
 Left Out: 6.146 $\pm$ 0.000 χ^2 /NDF: 1569271412892037188134110945607680.0/8
 Right Out: 7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15
 Left In: 6.942 $\pm$ 0.000 χ^2 /NDF: 1272762587393313205225481037676544.0/6

dit_4aX_coil7_Ndata_mean vs Slug



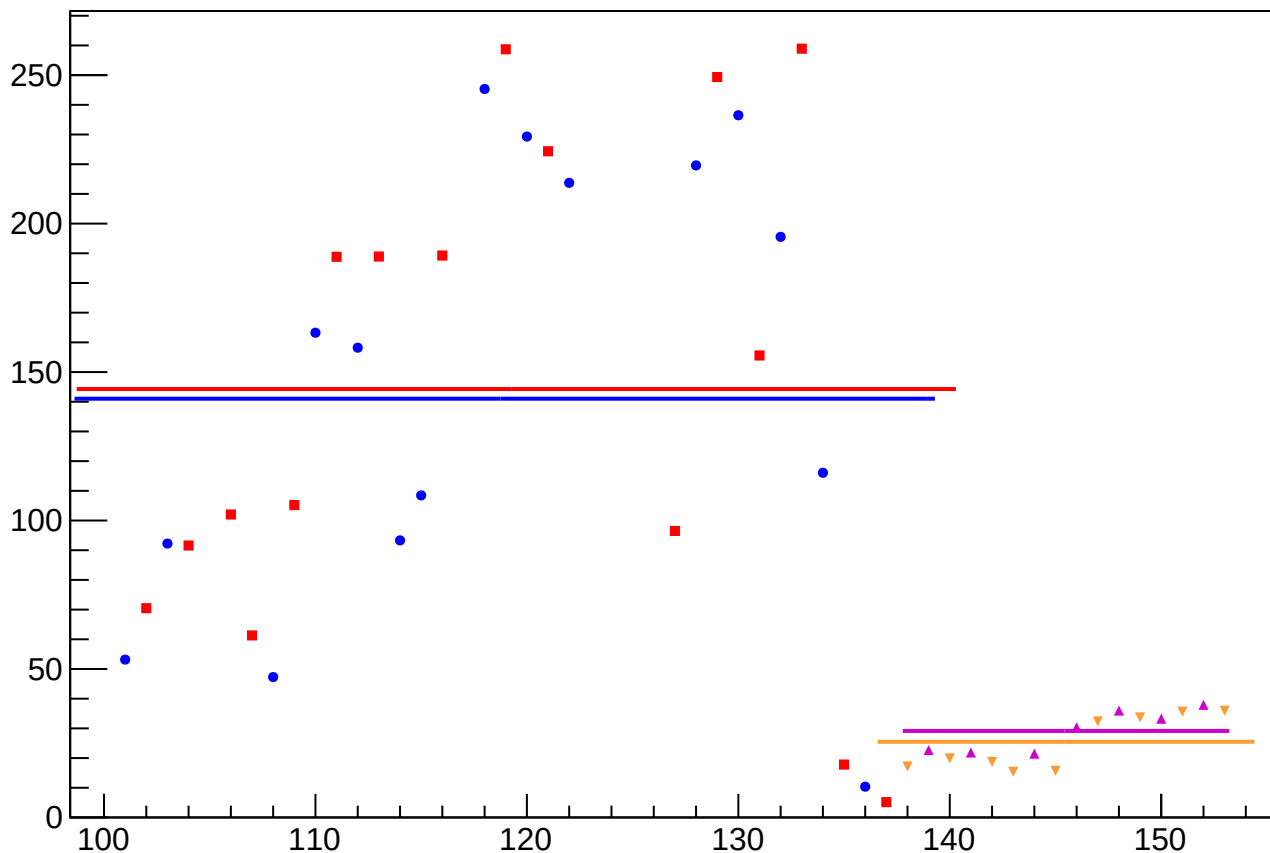
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

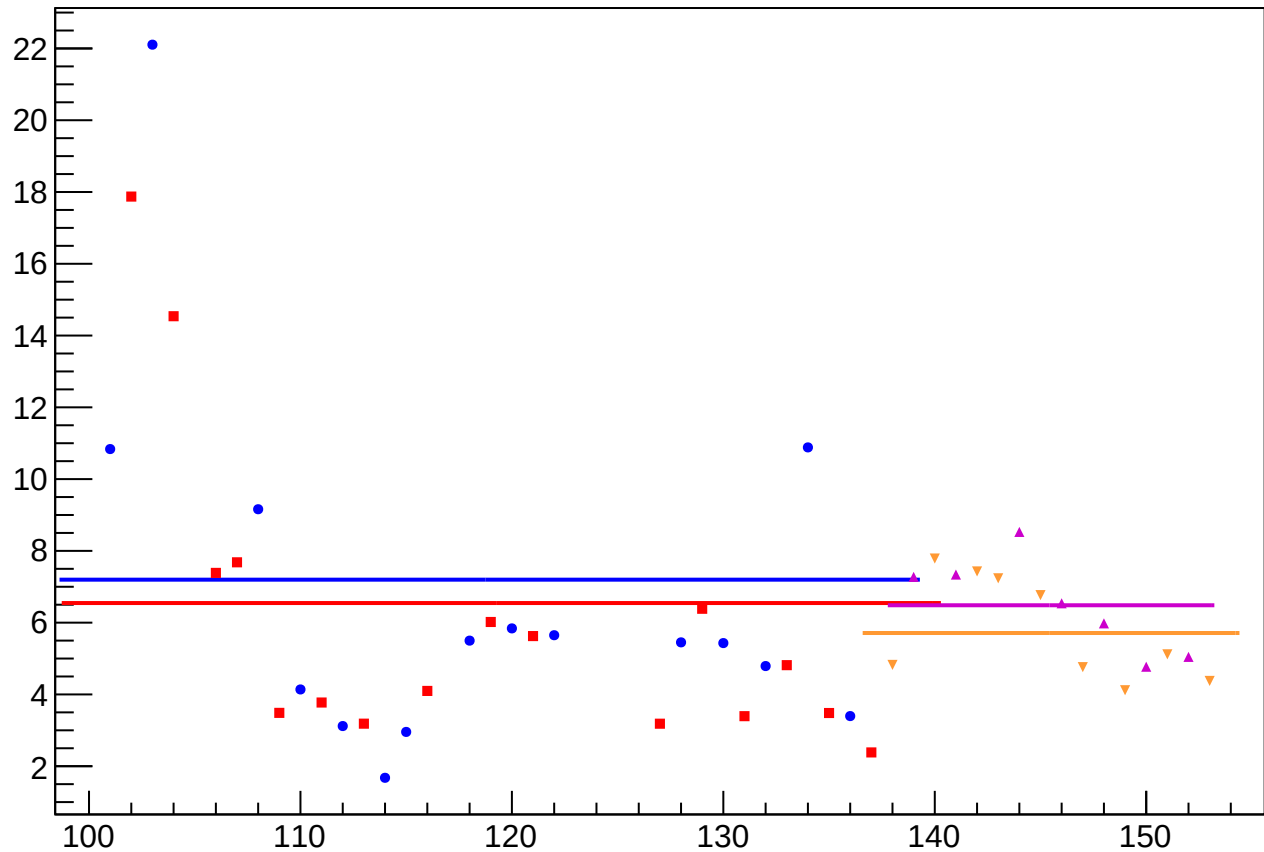
Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

dit_4eX_coil7_mean vs Slug



Right In: 141.032 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14
 Left Out: 25.487 $\pm$ 0.000 χ^2 /NDF: 51230196902982926553781994153574400.0/8
 Right Out: 144.283 $\pm$ 0.000 χ^2 /NDF: 4268333571517740886065361663928827904.0/15
 Left In: 29.140 $\pm$ 0.000 χ^2 /NDF: 25380521611536053277872666546536448.0/6
 + sign 81.997 $\pm$ 0.000 χ^2 /NDF: 8986121280809806
 All: 85.787 $\pm$ 0.000 χ^2 /NDF: 1750654930371
 - sign 89.756 $\pm$ 0.000 χ^2 /NDF: 8481407960530642

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.712+/-0.000 χ^2/NDF : 1259145138968240511855374597357568.0/8

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

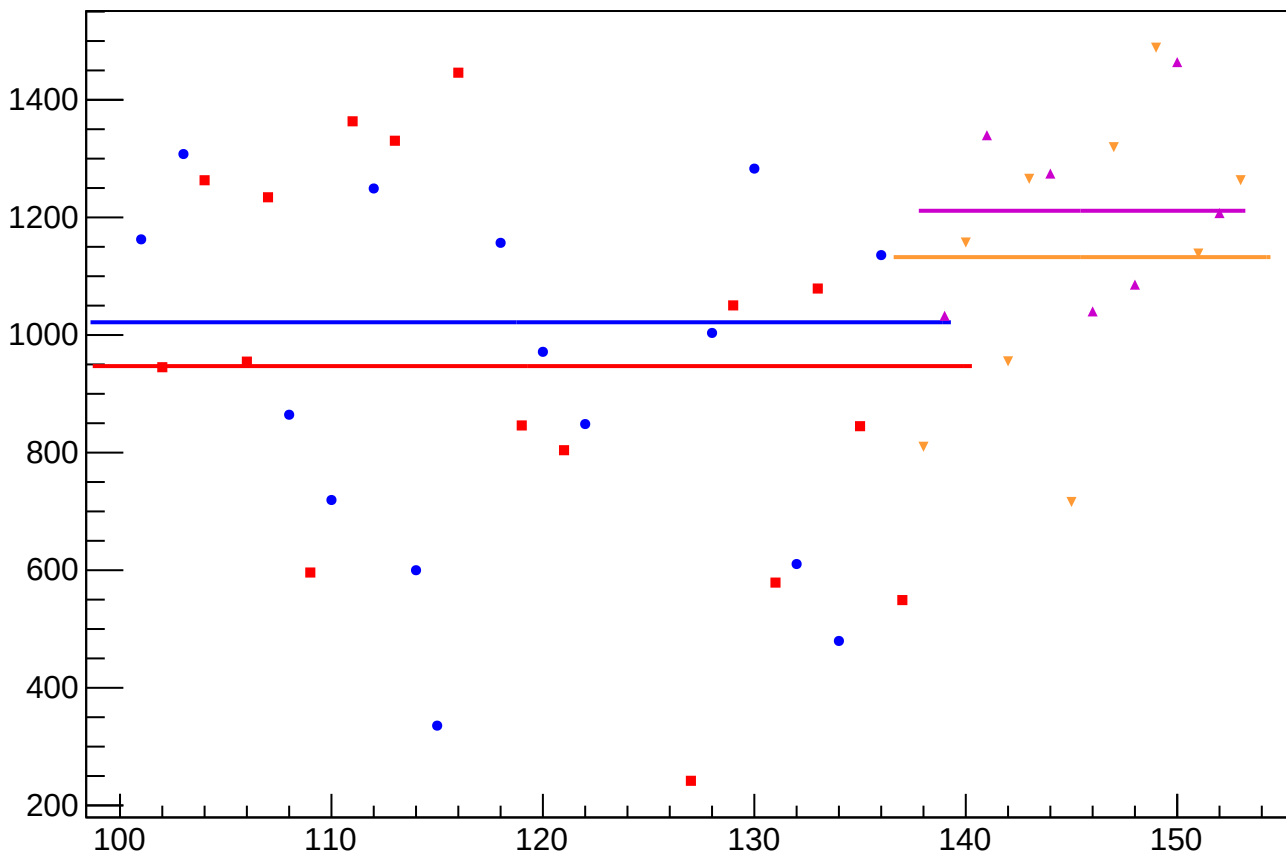
Left In: 6.485+/-0.000 χ^2/NDF : 953126246739082879082531261513728.0/6

+ sign 6.438+/-0.000 χ^2/NDF : 20204275314110078

All: 6.477+/-0.000 χ^2/NDF : 3524155359589

- sign 6.517+/-0.000 χ^2/NDF : 15033254146916515

dit_4eX_coil7_Ndata_mean vs Slug



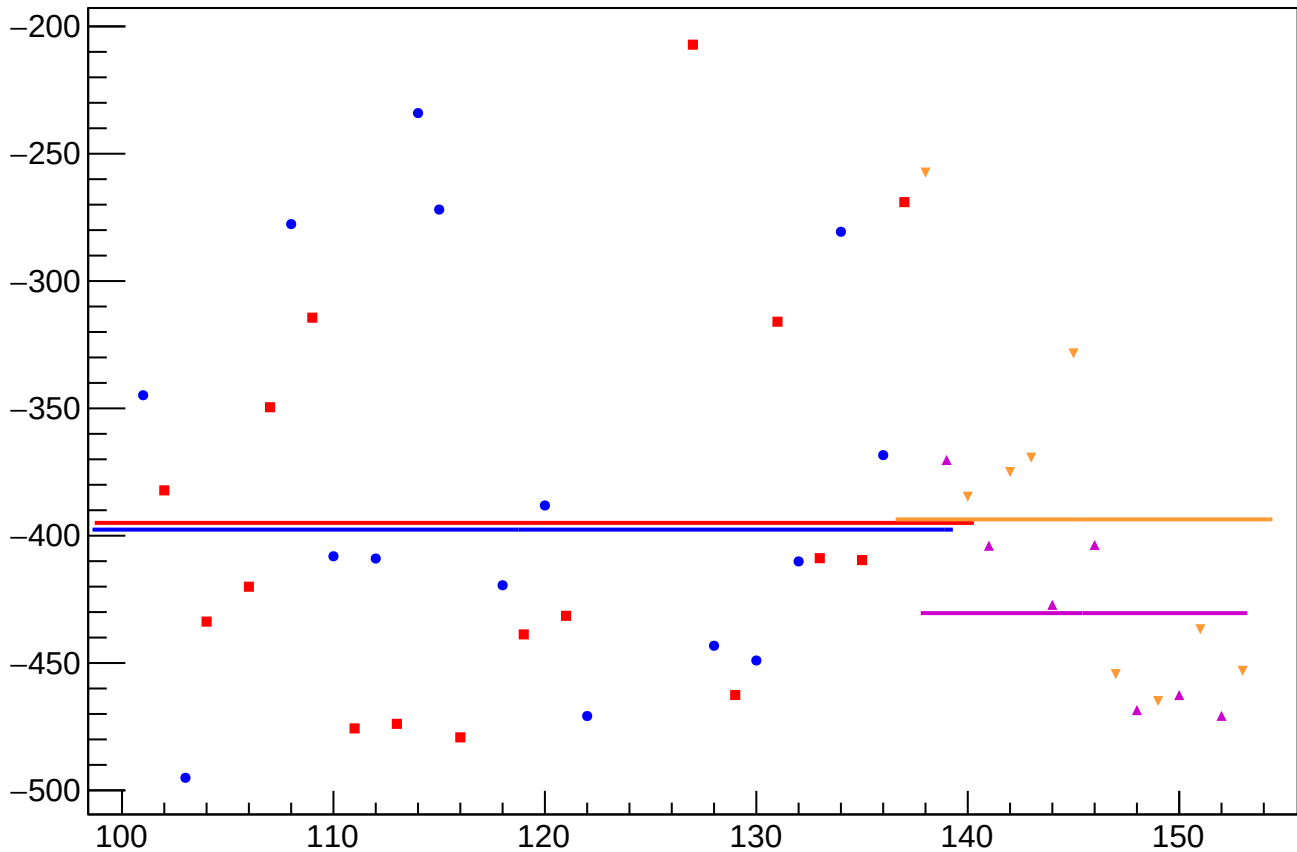
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -393.597+/-0.000 χ^2/NDF : 3012211955543213926907268125259988992.0/8

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

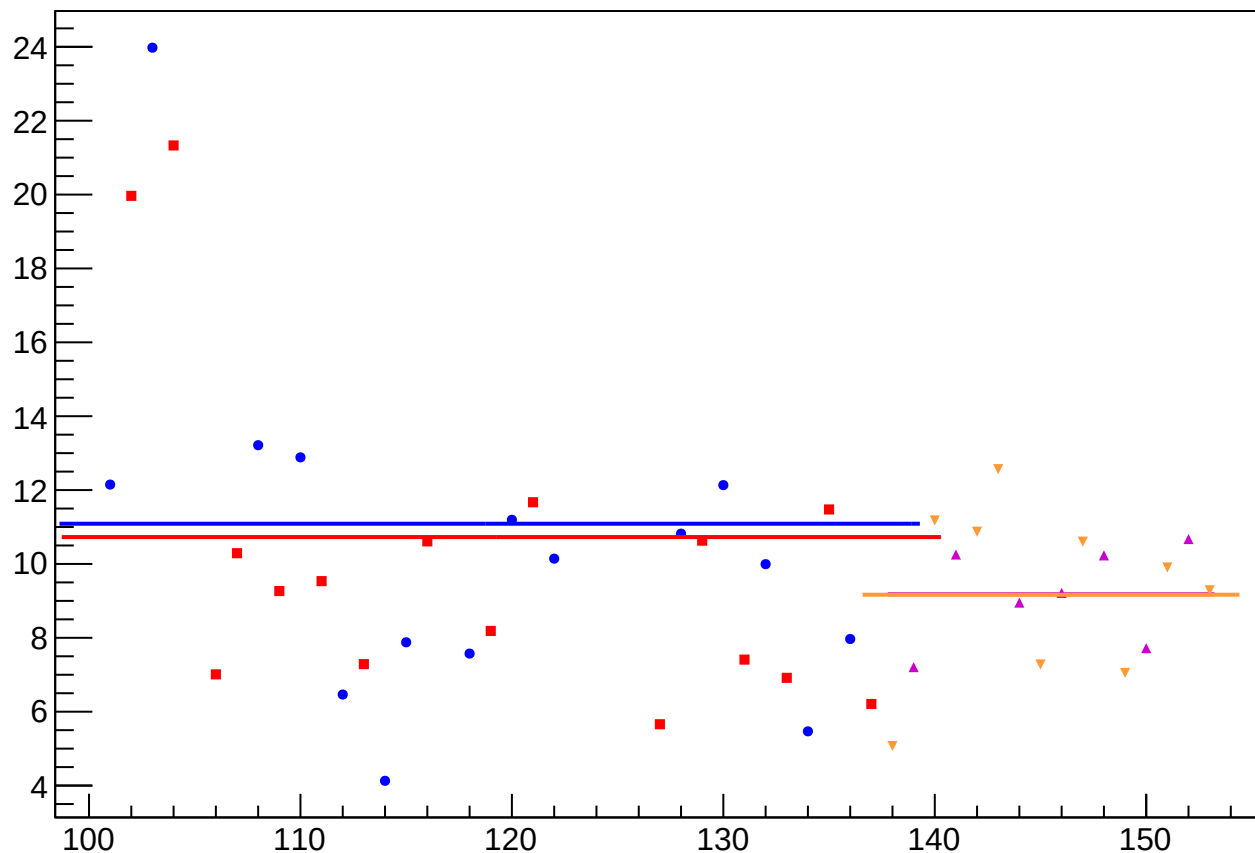
Left In: -430.407+/-0.000 χ^2/NDF : 770257985244627837578327624668676096.0/6

+ sign -395.561+/-0.000 χ^2/NDF : 56788414925056

All: -403.470+/-0.000 χ^2/NDF : 10701237626

- sign -411.753+/-0.000 χ^2/NDF : 485245853939336

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

+ sign 10.107+/-0.000 χ^2/NDF : 1887942107757367

Left Out: 9.167+/-0.000 χ^2/NDF : 3418205158644499205200768592248832.0/8

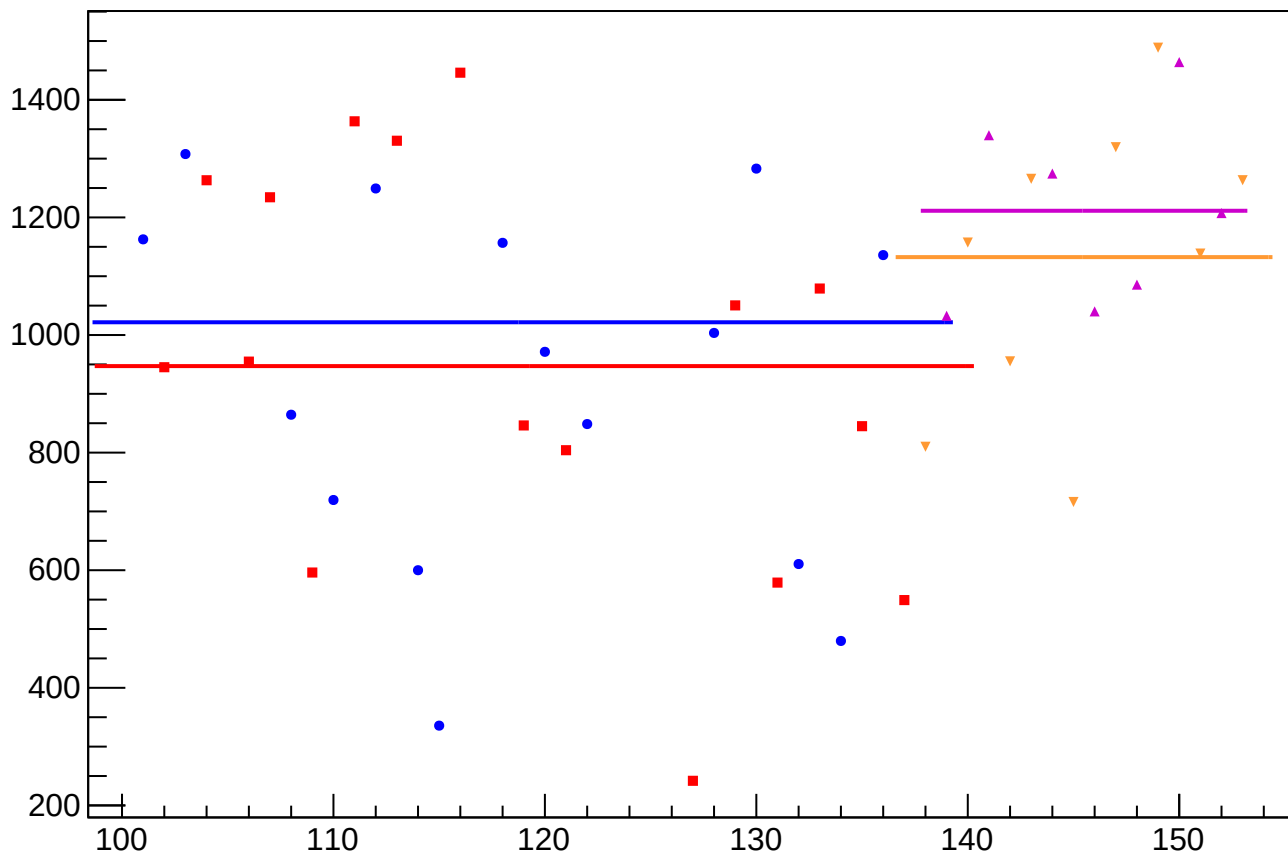
All: 10.052+/-0.000 χ^2/NDF : 3531102638956

Right Out: 10.728+/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

- sign 9.995+/-0.000 χ^2/NDF : 16423463326849732

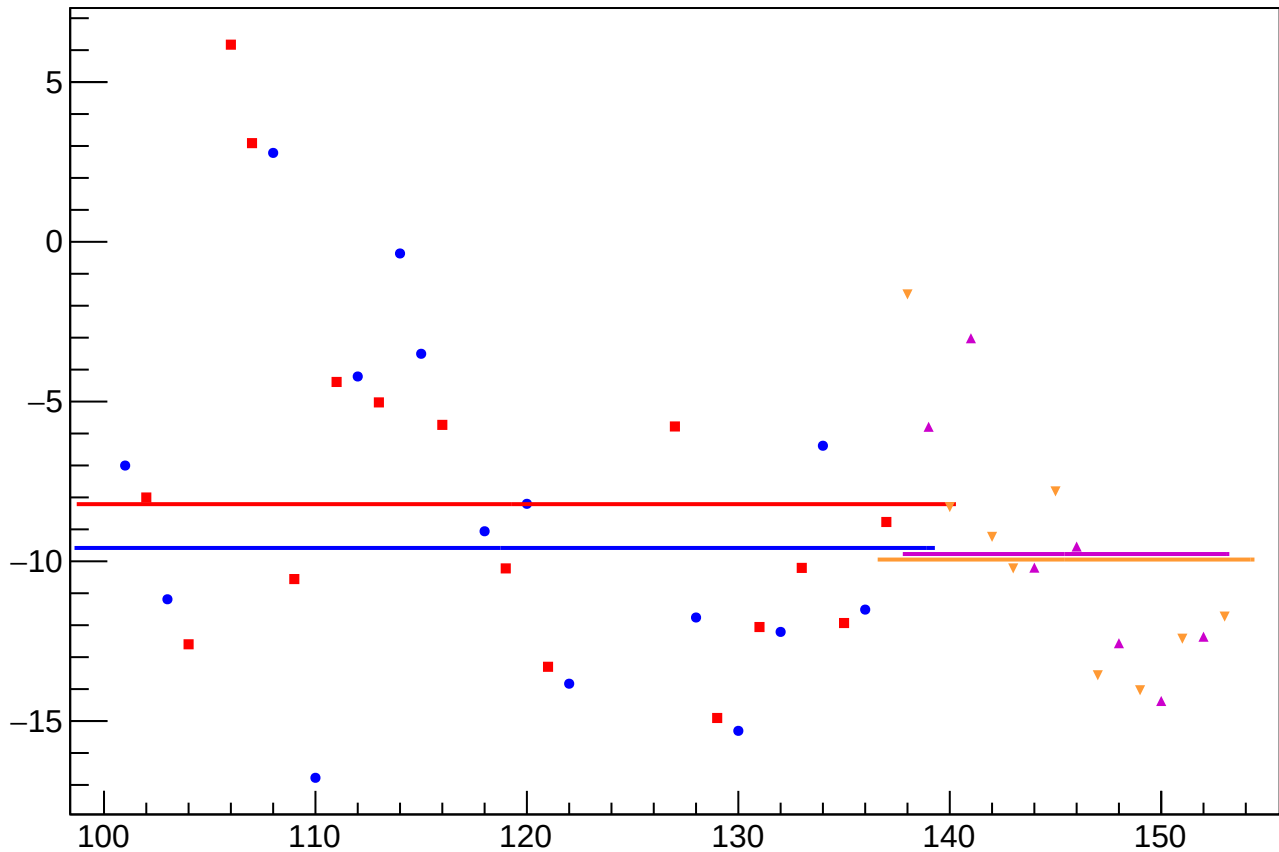
Left In: 9.180+/-0.000 χ^2/NDF : 899492020215063275884366528512000.0/6

dit_11X12X_coil7_Ndata_mean vs Slug



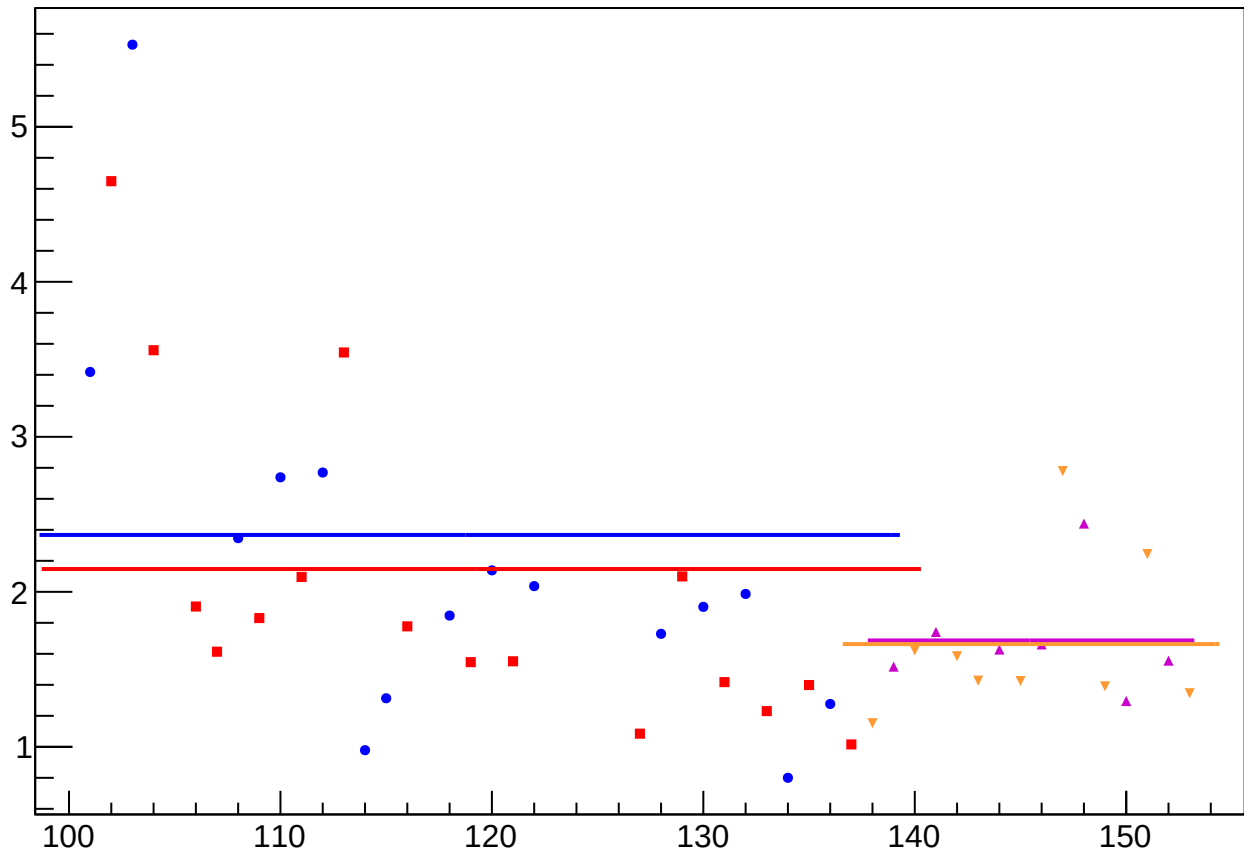
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1078.300+/-0.000	χ^2/NDF : 84251540570425
Left Out: 1132.494+/-0.000	χ^2/NDF : 39686876192496915858085858394832371712.0/8	All: 1075.346+/-0.000	χ^2/NDF : 18802289733
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1072.252+/-0.000	χ^2/NDF : 10374764725485
Left In: 1211.328+/-0.000	χ^2/NDF : 13918001771304500898480106304308248576.0/6		

dit_4aY_coil7_mean vs Slug



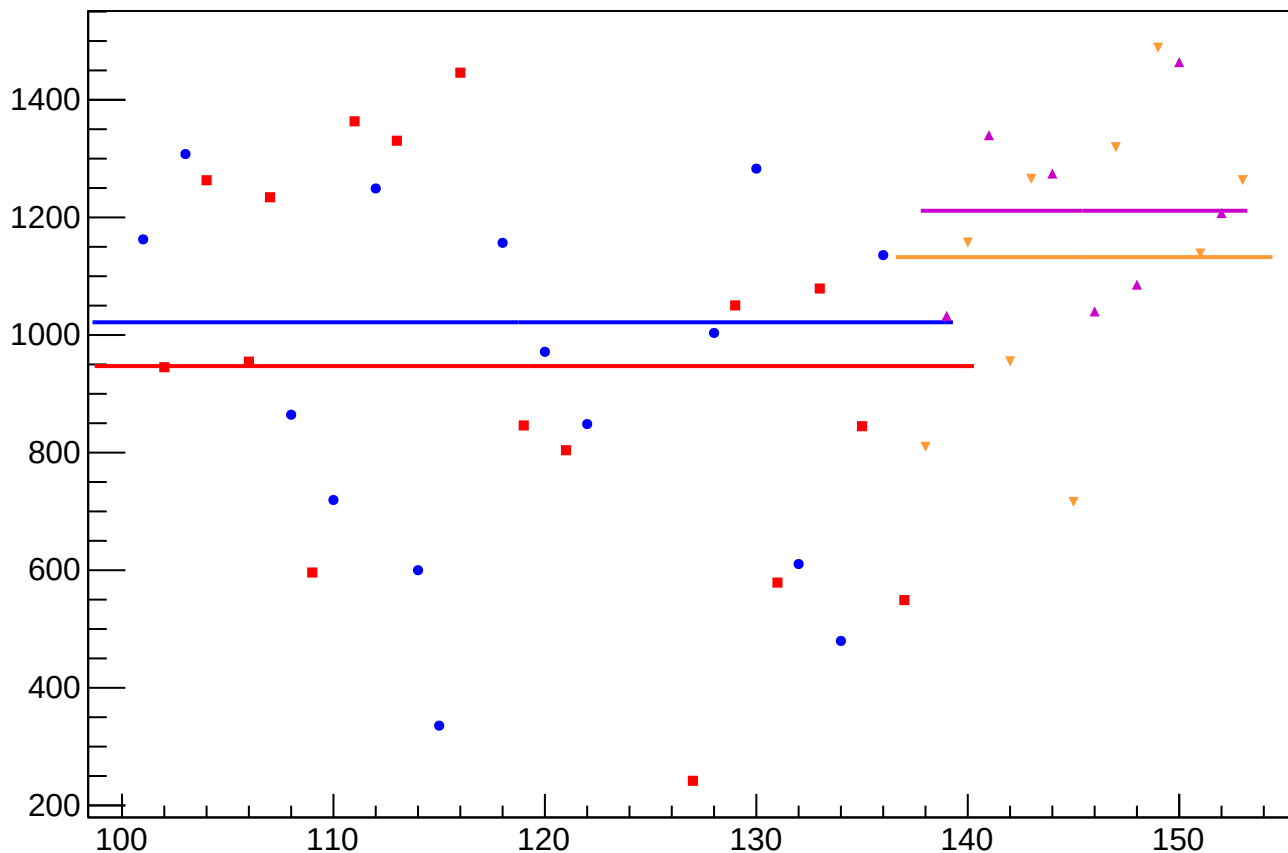
Right In: -9.582 ± 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left Out: -9.945 ± 0.000 χ^2/NDF : 9163698916071131099281893680480256.0/8
 Right Out: -8.211 ± 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15
 Left In: -9.772 ± 0.000 χ^2/NDF : 8345848328246376065259069625073664.0/6

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000	χ^2/NDF : 920633294546152876922066767446016.0/14	+ sign 2.007+/-0.000	χ^2/NDF : 12520701628117288
Left Out: 1.663+/-0.000	χ^2/NDF : 167042831649701944267465675505664.0/8	All: 1.969+/-0.000	χ^2/NDF : 21532637380754
Right Out: 2.147+/-0.000	χ^2/NDF : 764171992480224478656127555338240.0/15	- sign 1.929+/-0.000	χ^2/NDF : 89722495879176062
Left In: 1.687+/-0.000	χ^2/NDF : 66037460281583927764050771968000.0/6		

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF : 39686876192496915858085858394832371712.0/8

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

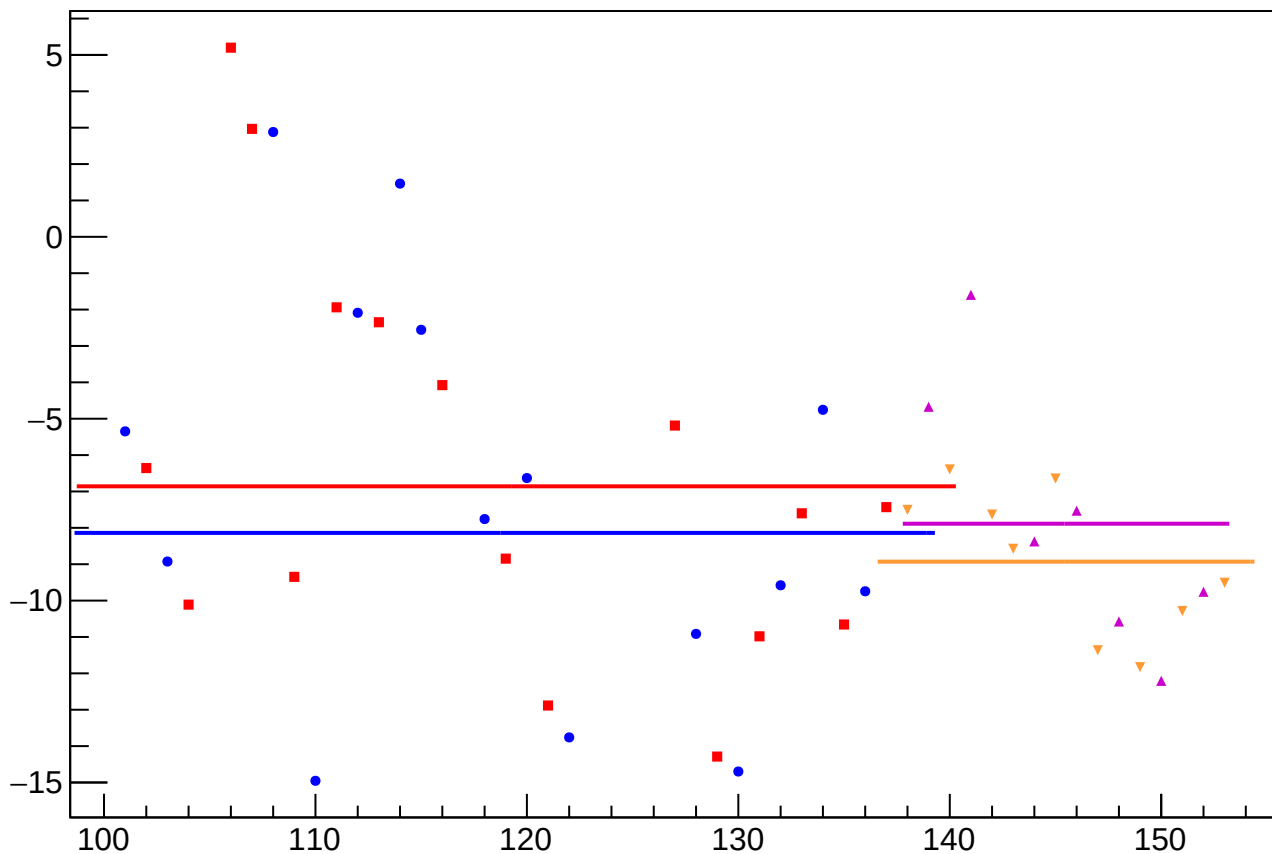
Left In: 1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6

+ sign 1078.300+/-0.000 χ^2/NDF : 84251540570425

All: 1075.346+/-0.000 χ^2/NDF : 1880228973

- sign 1072.252+/-0.000 χ^2/NDF : 10374764725485

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -8.929+/-0.000 χ^2/NDF : 2533603868258031596105575186825216.0/8

Right Out: -6.859+/-0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

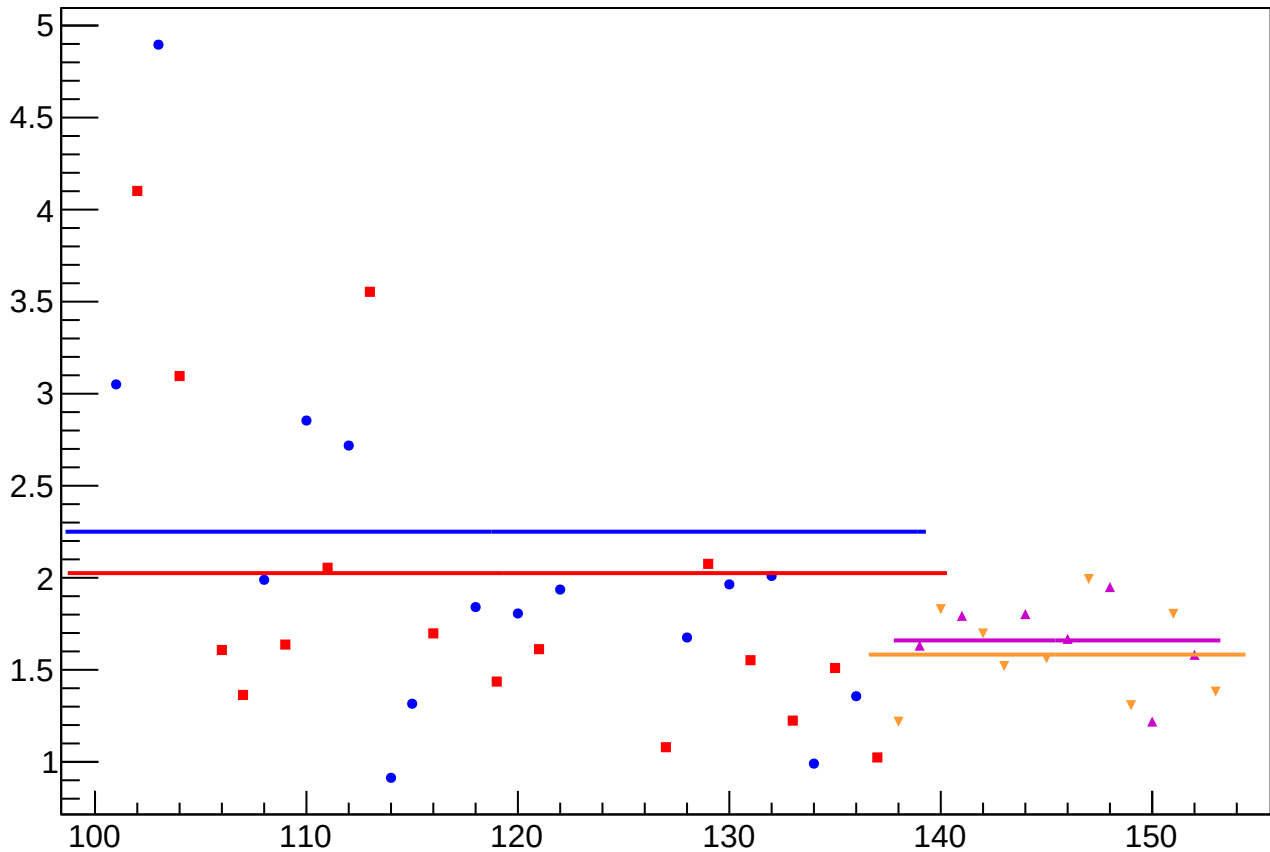
Left In: -7.886+/-0.000 χ^2/NDF : 6842664197540595954155671766695936.0/6

+ sign -8.543+/-0.000 χ^2/NDF : 1741708480573632

All: -7.958+/-0.000 χ^2/NDF : 4200591277636

- sign -7.345+/-0.000 χ^2/NDF : 2365990898177686

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.583+/-0.000 χ^2/NDF : 42971946316530170162898708463616.0/8

Right Out: 2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15

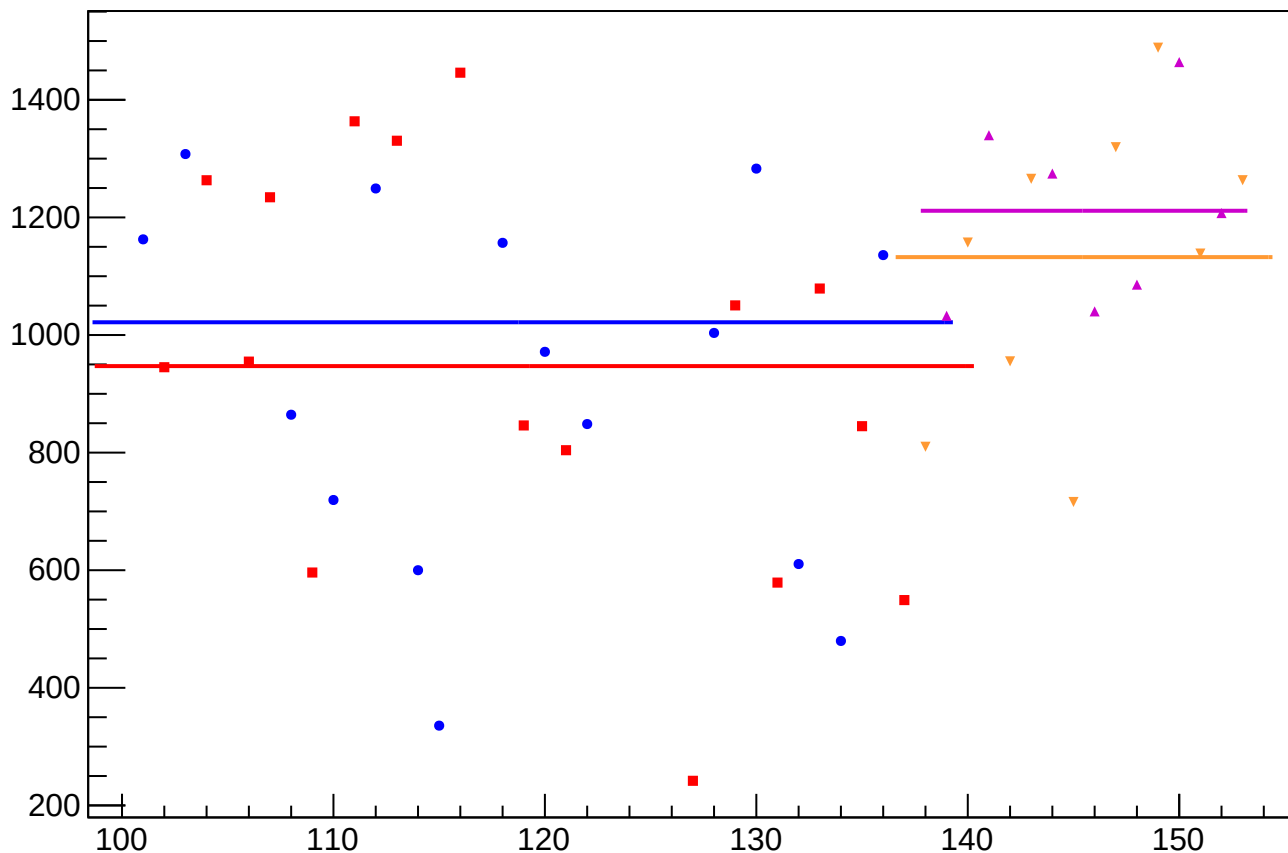
Left In: 1.660+/-0.000 χ^2/NDF : 28688127813716290993390675296256.0/6

+ sign 1.909+/-0.000 χ^2/NDF : 84751197490946477

All: 1.881+/-0.000 χ^2/NDF : 14992612833256

- sign 1.852+/-0.000 χ^2/NDF : 64963440932356452

dit_4eY_coil7_Ndata_mean vs Slug



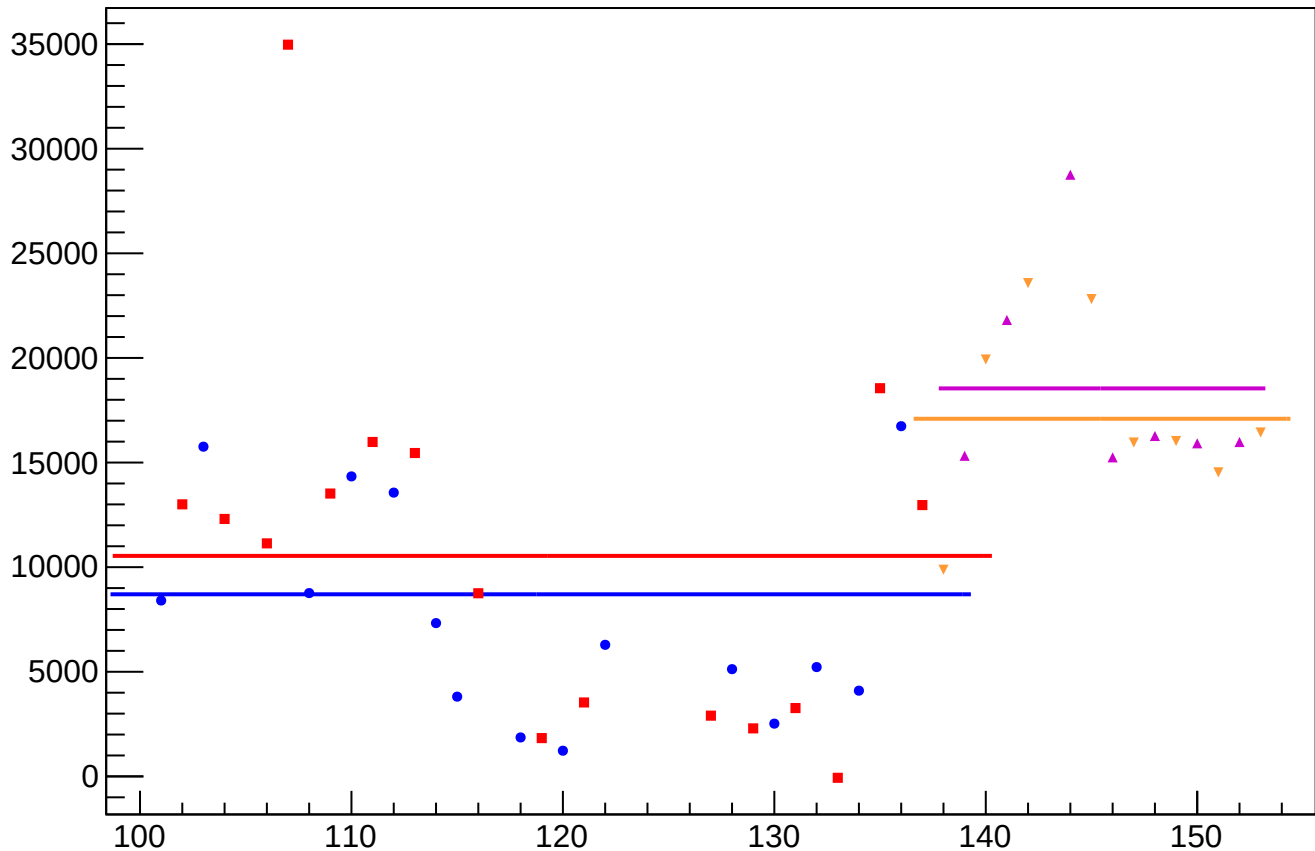
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

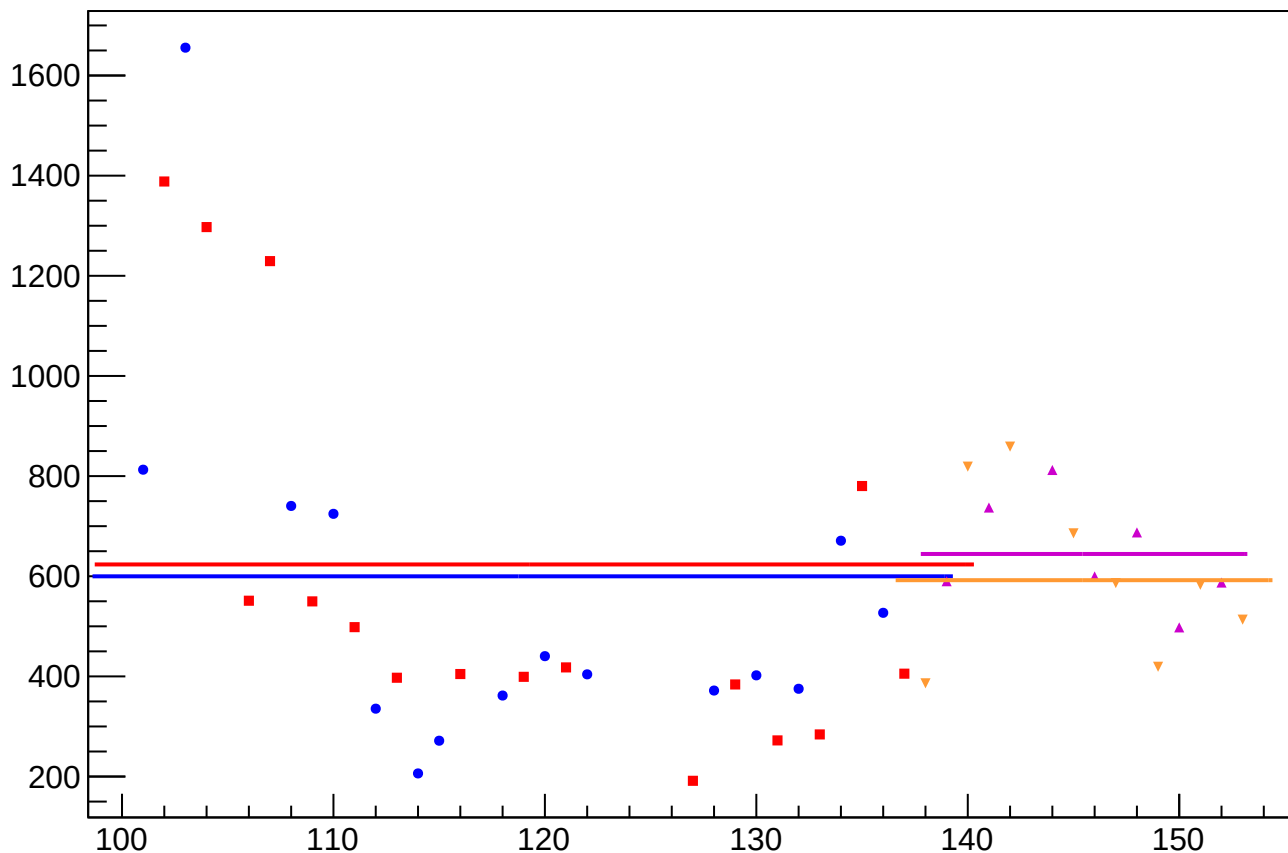
Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 17093.421+/-0.000 χ^2/NDF : 10039484159449677017322555716061313892352.0/7
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 18543.717+/-0.000 χ^2/NDF : 13566316427770663910797989880165082071040.0/6

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 592.131+/-0.000 χ^2/NDF : 14555138373749026525610780523965186048.0/7

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

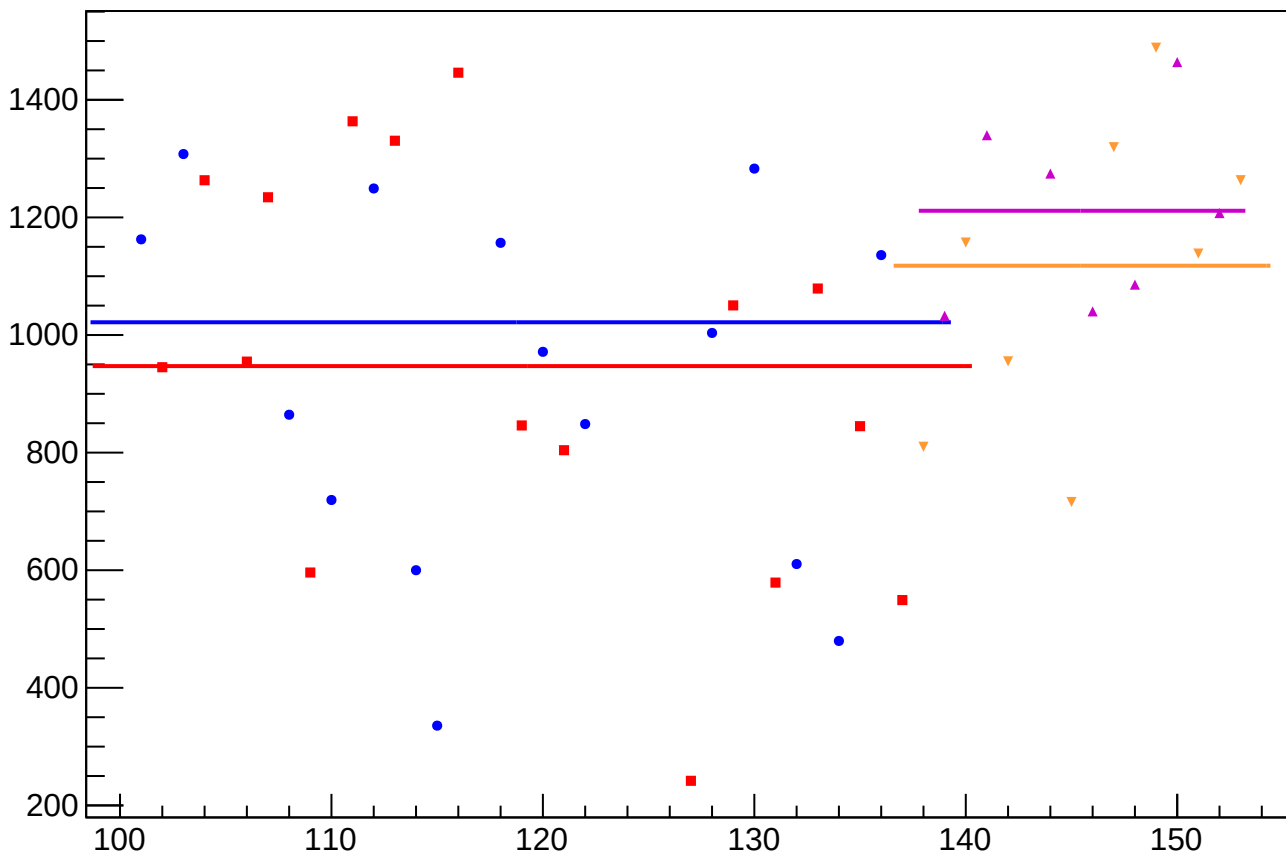
Left In: 644.485+/-0.000 χ^2/NDF : 6036830192828769664216800731464728576.0/6

+ sign 596.106+/-0.000 χ^2/NDF : 103832849031616

All: 614.842+/-0.000 χ^2/NDF : 212338841327

- sign 633.474+/-0.000 χ^2/NDF : 107623862769770

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1117.890 $\pm$ 0.000 χ^2 /NDF: 38368239145242929701423100245116452864.0/7

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

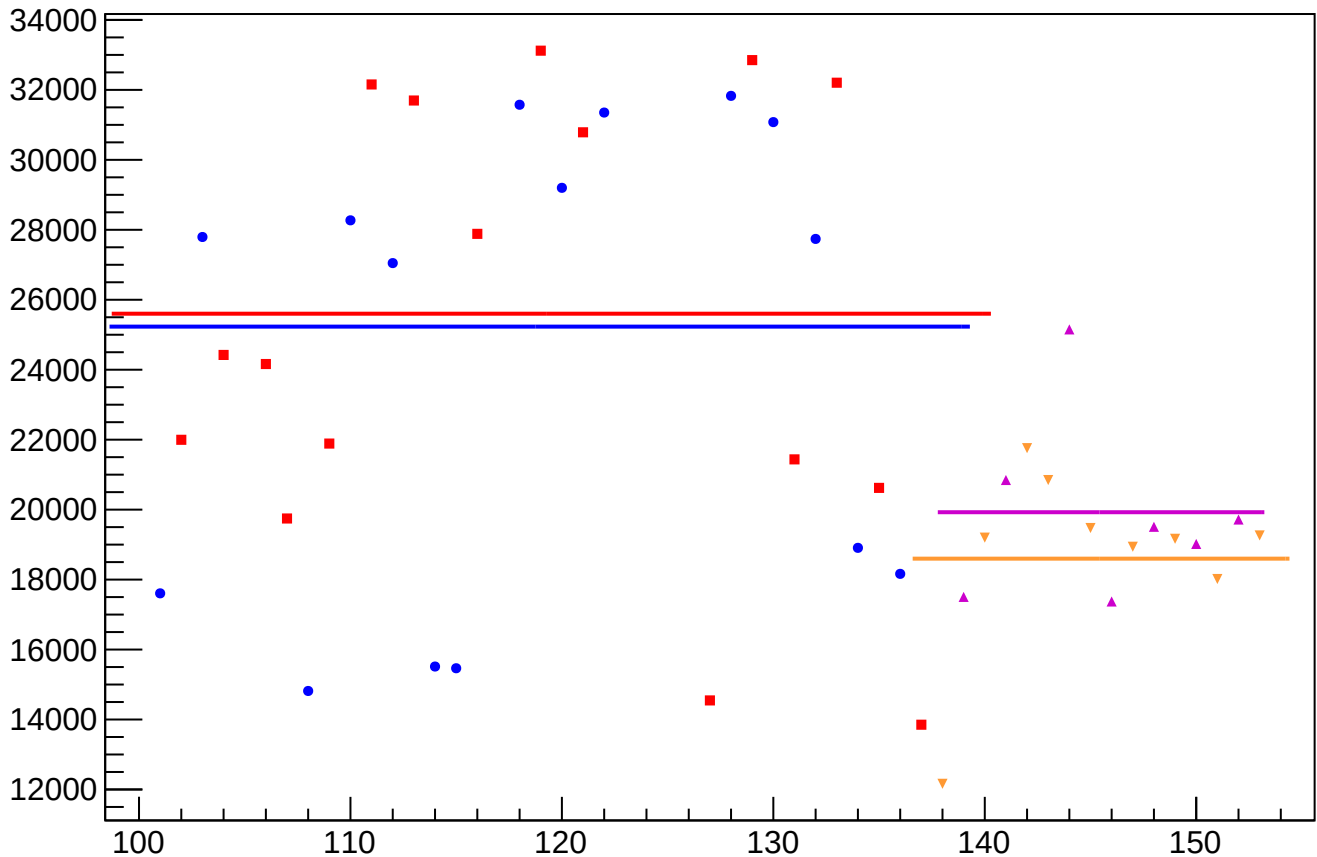
Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

+ sign 1068.337 $\pm$ 0.000 χ^2 /NDF: 81774214037187

All: 1070.300 $\pm$ 0.000 χ^2 /NDF: 1855315455

- sign 1072.252 $\pm$ 0.000 χ^2 /NDF: 10374764725485

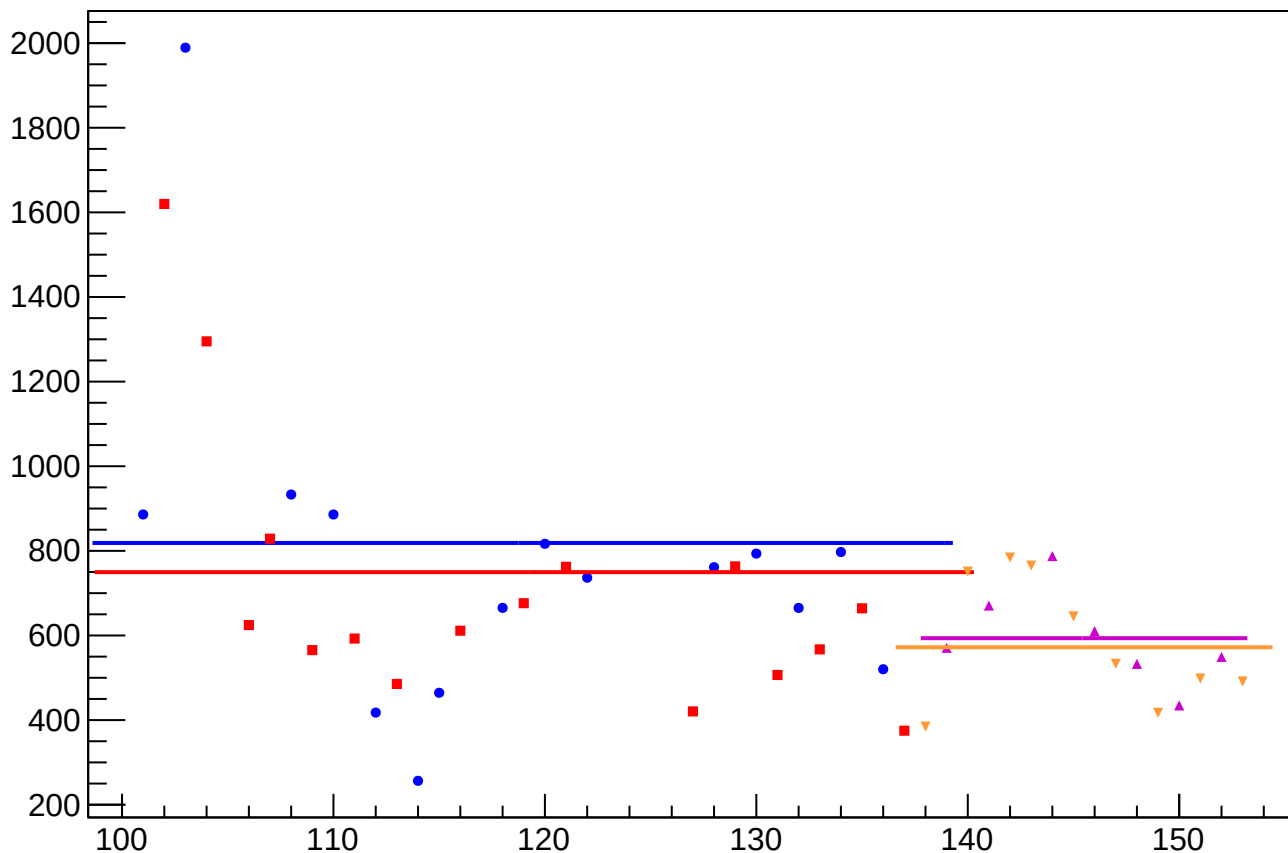
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18598.753+/-0.000	χ^2/NDF : 4220486056035920979254350229385437511680.0/8
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19926.031+/-0.000	χ^2/NDF : 3611623525531522297290525080171671715840.0/6

+ sign 21843.007+/-0.000 χ^2/NDF : 4334609455381
 All: 22366.004+/-0.000 χ^2/NDF : 8223448996
 - sign 22913.768+/-0.000 χ^2/NDF : 3814526930910

dit_usr_coil7_err_mean vs Slug



Right In: 818.668 ± 0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 572.121 ± 0.000 χ^2/NDF : 13471185619595681358170956836500406272.0/8

Right Out: 749.661 ± 0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

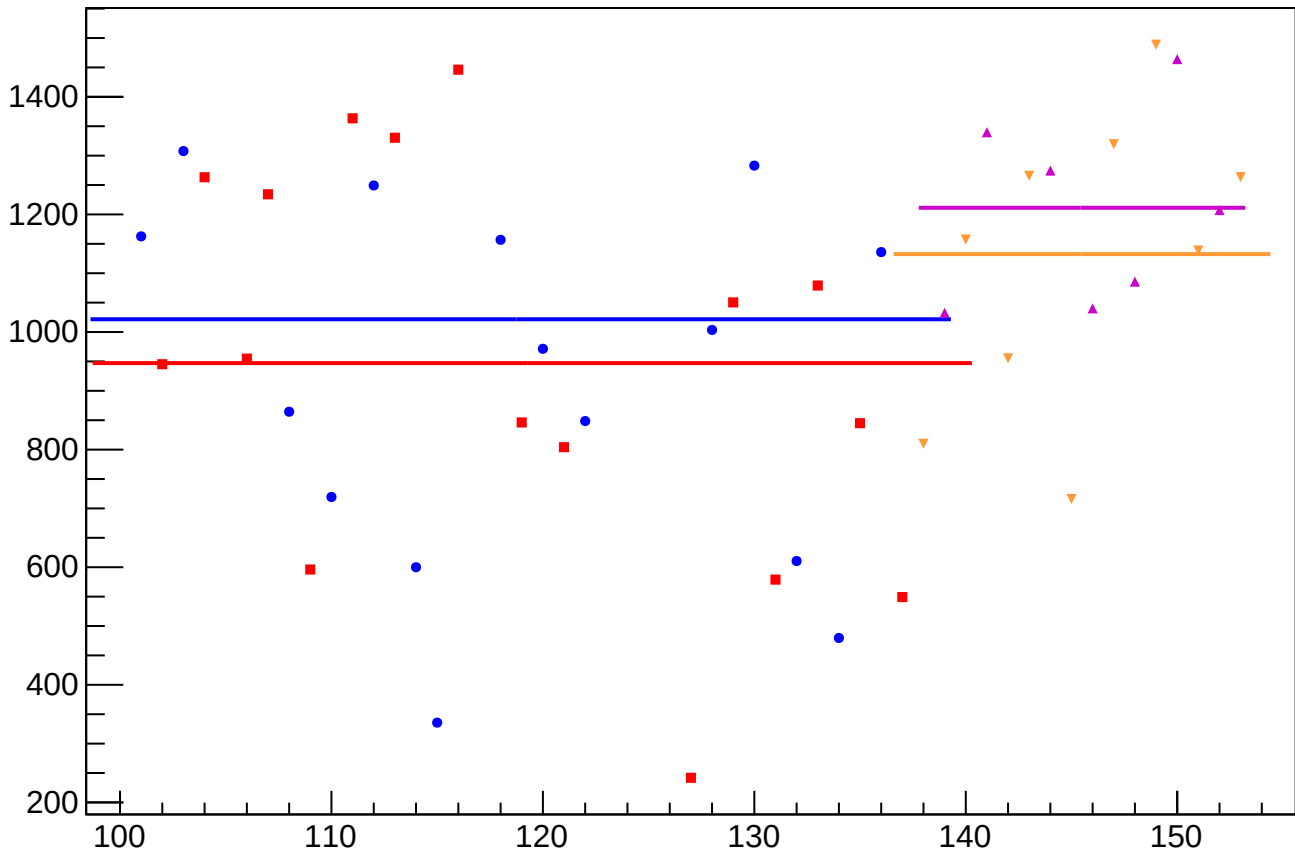
Left In: 593.573 ± 0.000 χ^2/NDF : 6702340826118449032852812596844167168.0/6

+ sign 692.700 ± 0.000 χ^2/NDF : 139233684840509

All: 684.418 ± 0.000 χ^2/NDF : 231790683928

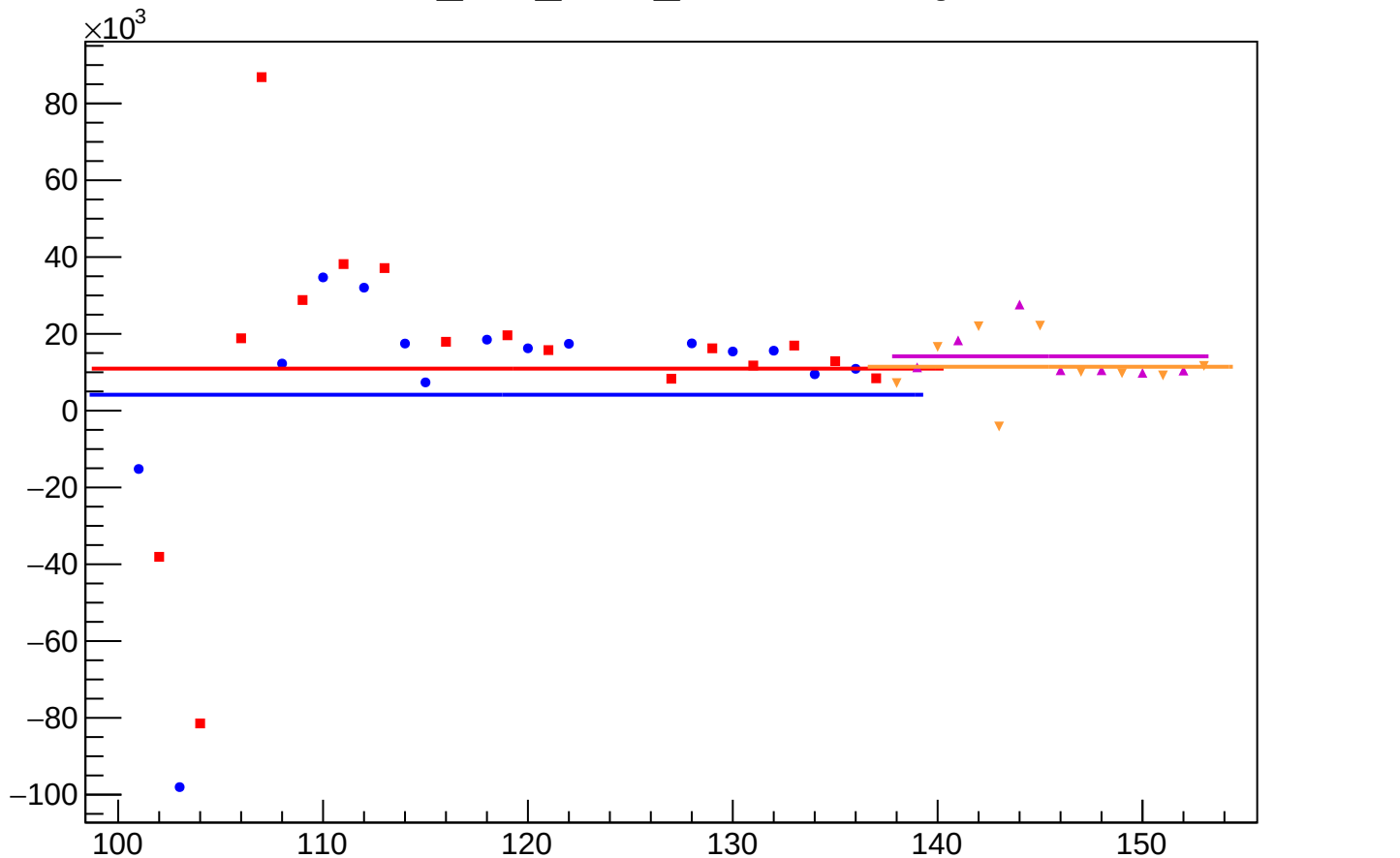
- sign 675.744 ± 0.000 χ^2/NDF : 923706480357933

dit_usr_coil7_Ndata_mean vs Slug



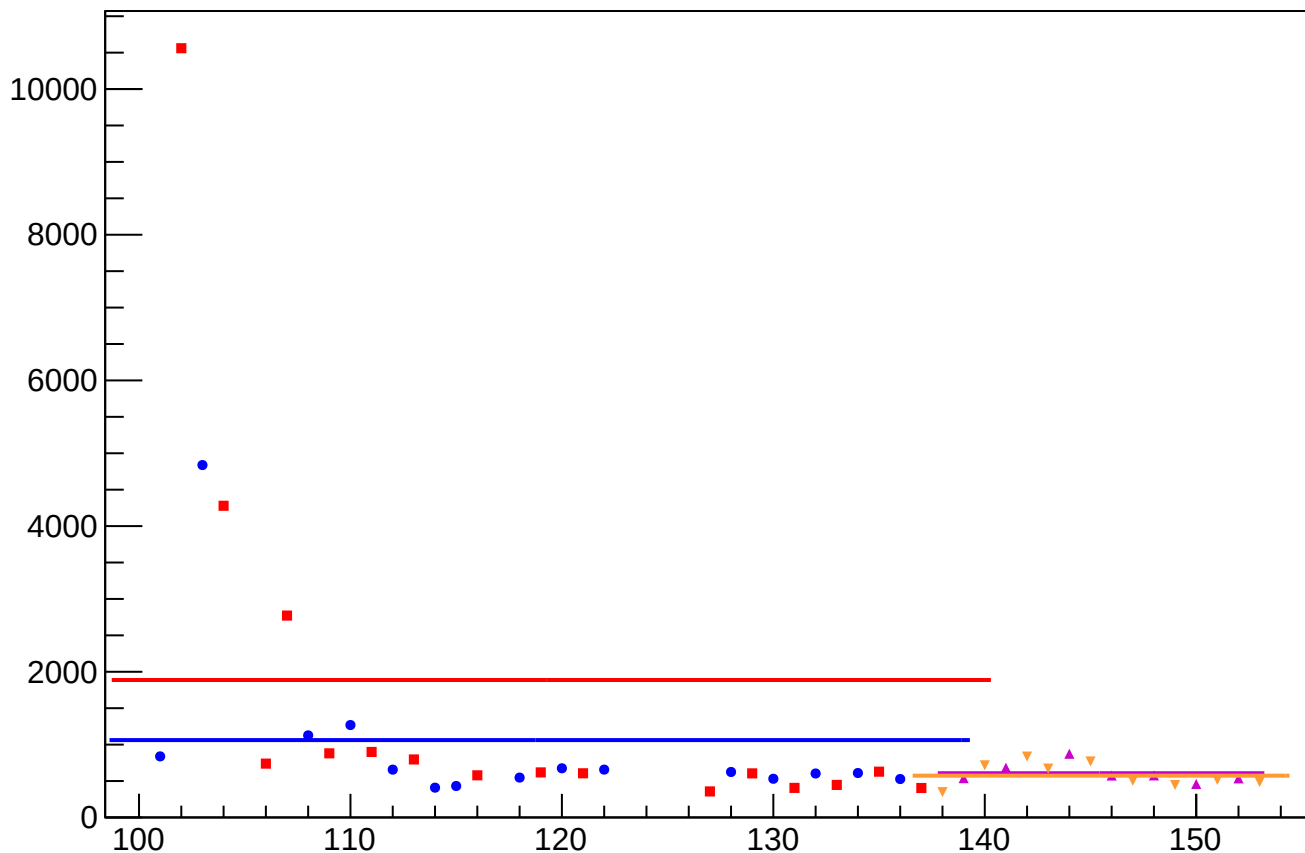
Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494 +/- 0.000 χ^2/NDF : 39686876192496915858085858394832371712.0/8
 Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1211.328 +/- 0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6
 All: 1075.346 +/- 0.000 χ^2/NDF : 18802289733.0/14
 + sign 1078.300 +/- 0.000 χ^2/NDF : 84251540570425.0/14
 - sign 1072.252 +/- 0.000 χ^2/NDF : 10374764725485.0/14

dit_atl1_coil7_mean vs Slug



Right In: 4145.268 $\pm$ 0.000 χ^2 /NDF: 763693998395064689637972381933507648159744.0/14
 Left Out: 11431.881 $\pm$ 0.000 χ^2 /NDF: 34987914740774788447665203212514016362496.0/8
 Right Out: 10948.073 $\pm$ 0.000 χ^2 /NDF: 873949668510327201514601463115396191092736.0/15
 Left In: 14155.488 $\pm$ 0.000 χ^2 /NDF: 2338842259652820802373329820332628901888.0/6

dit_atl1_coil7_err_mean vs Slug



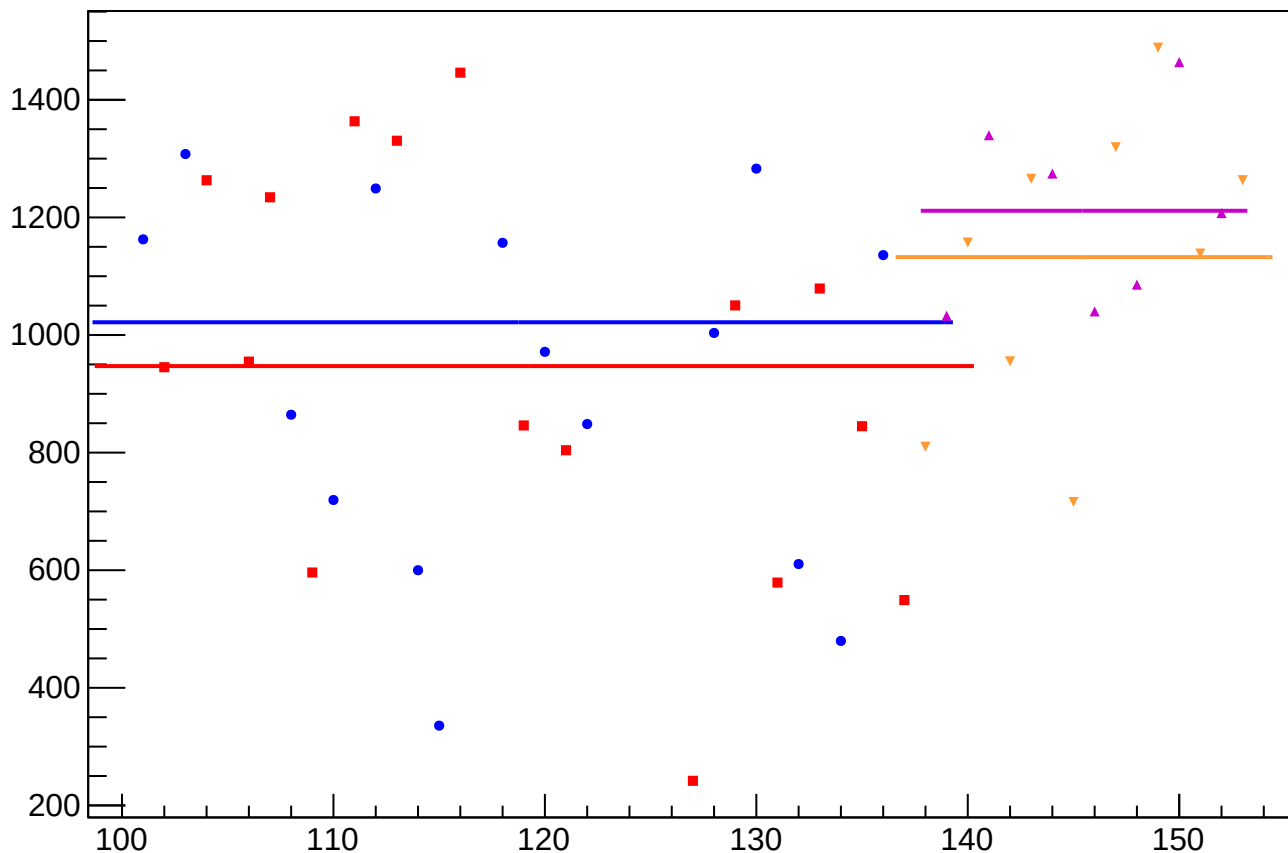
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 573.610+/-0.000 χ^2/NDF : 15201872411056086926209093267437387776.0/8

Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: 607.472+/-0.000 χ^2/NDF : 9796722886503236630539038281571500032.0/6

dit_atl1_coil7_Ndata_mean vs Slug



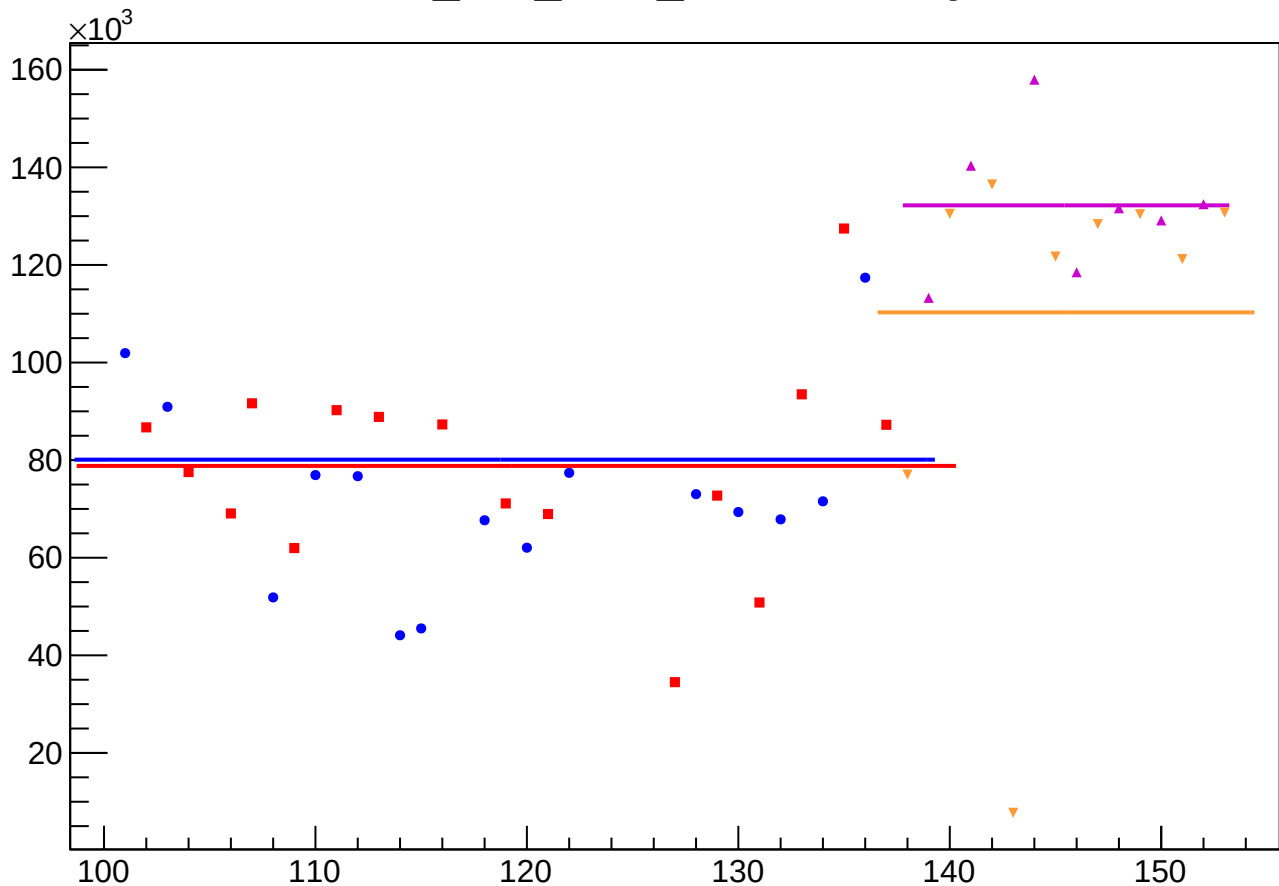
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

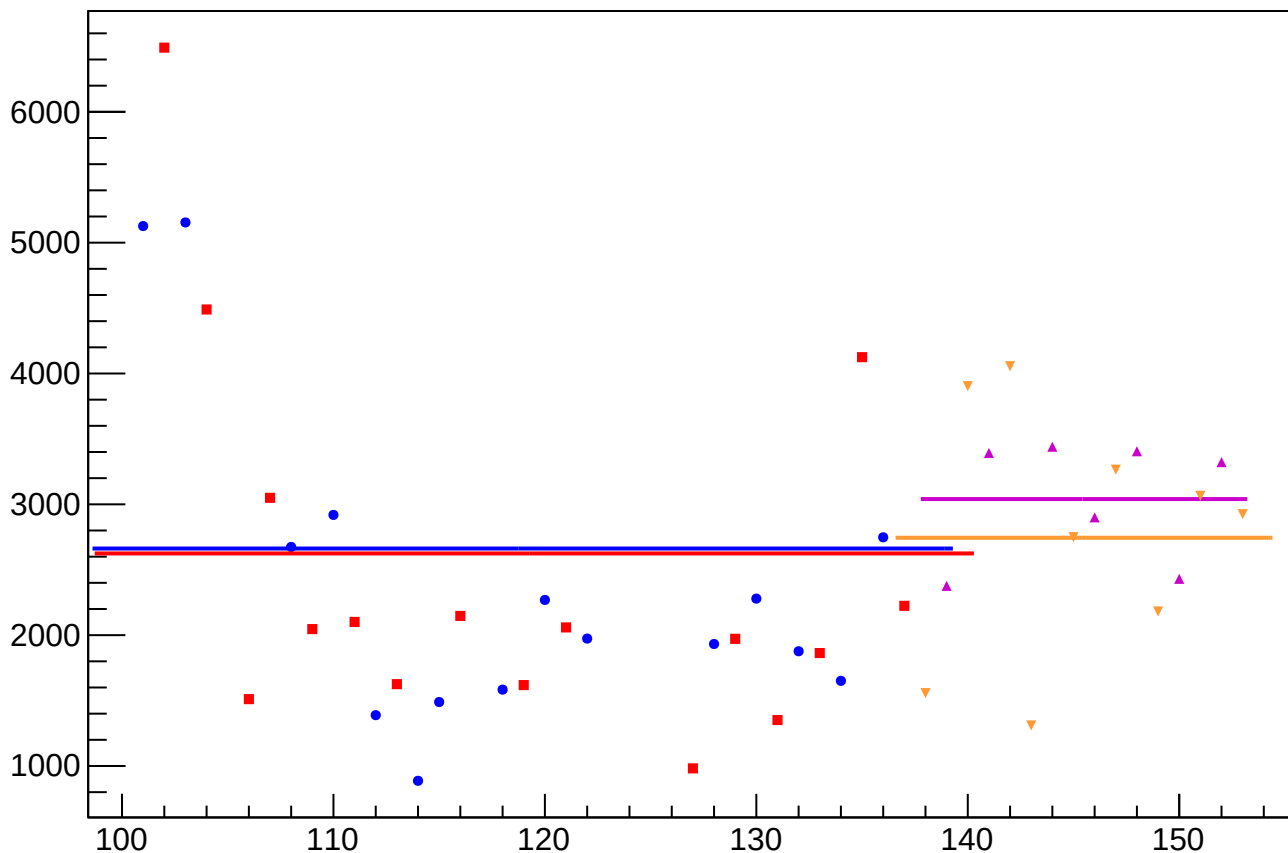
Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

dit_atl2_coil7_mean vs Slug



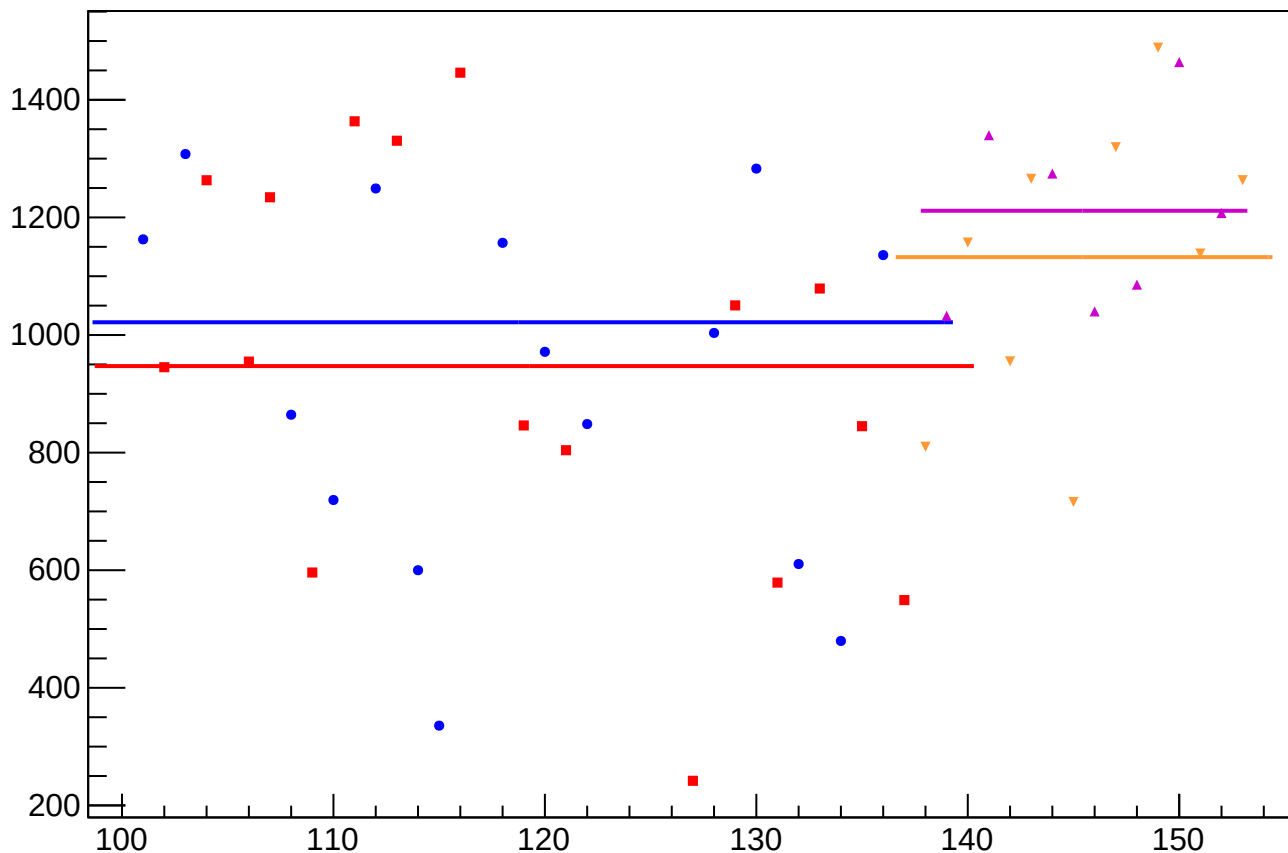
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 110285.946 $\pm$ 0.000 χ^2 /NDF: 970688684838907909025741450899365950390272.0/8
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 132212.718 $\pm$ 0.000 χ^2 /NDF: 110243723509725696905296835644283703787520.0/6

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14	+ sign 2704.359+/-0.000	χ^2/NDF : 15291408918965
Left Out: 2744.731+/-0.000	χ^2/NDF : 495492136986565333164813405380461723648.0/8	All: 2761.568+/-0.000	χ^2/NDF : 32732963458
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15	- sign 2821.487+/-0.000	χ^2/NDF : 17352635497684
Left In: 3040.252+/-0.000	χ^2/NDF : 114012750172084712276400876683104616448.0/6		

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

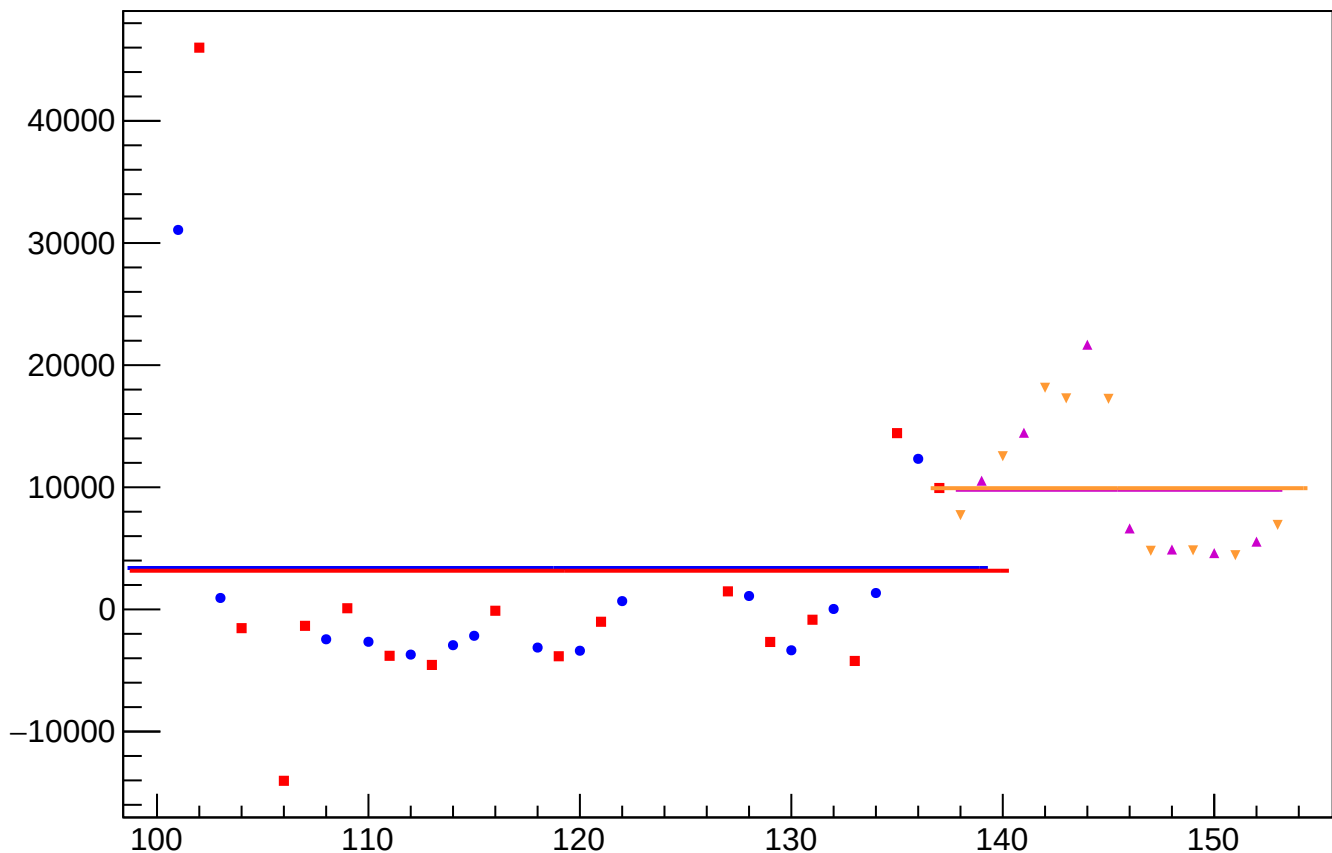
Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

+ sign 1078.300 $\pm$ 0.000 χ^2 /NDF: 84251540570425

All: 1075.346 $\pm$ 0.000 χ^2 /NDF: 1880228973

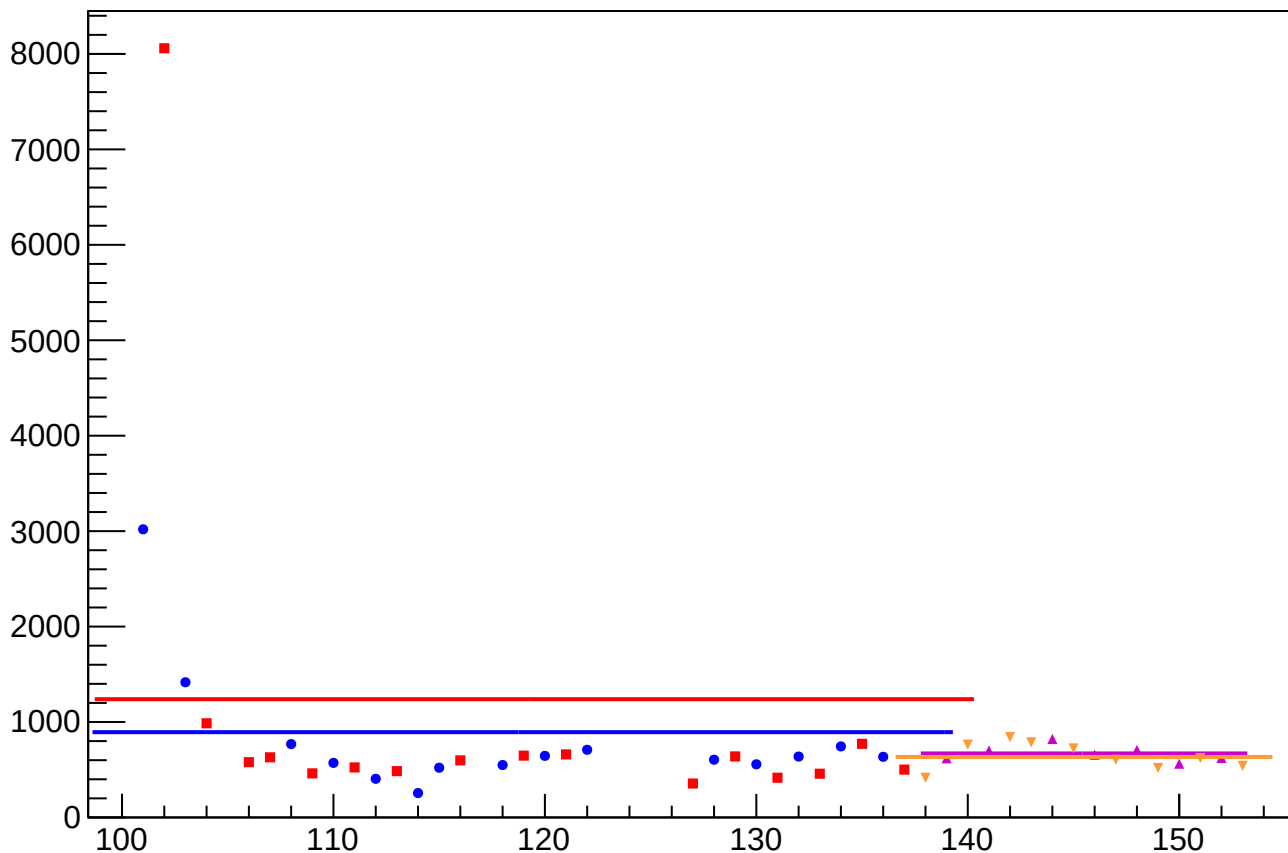
- sign 1072.252 $\pm$ 0.000 χ^2 /NDF: 10374764725485

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 9926.183+/-0.000 χ^2/NDF : 19325281119906290448719911668570543620096.0/8
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 9796.156+/-0.000 χ^2/NDF : 21312316704411881267396066266064034463744.0/6

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 633.859+/-0.000 χ^2/NDF : 11221872146504084106379686526534549504.0/8

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

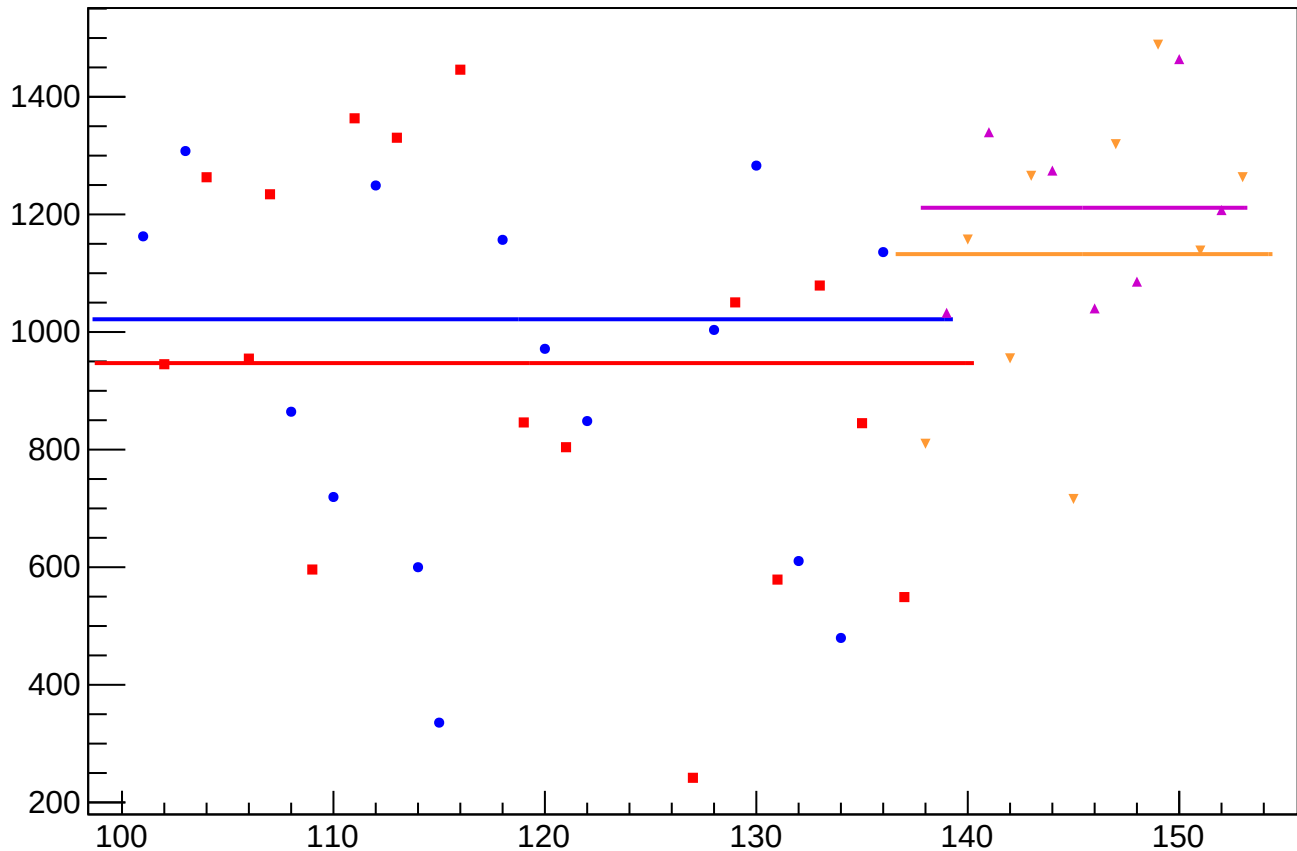
Left In: 670.879+/-0.000 χ^2/NDF : 3715901691079143394895618933975416832.0/6

+ sign 760.932+/-0.000 χ^2/NDF : 368190688280250

All: 863.106+/-0.000 χ^2/NDF : 347331566420

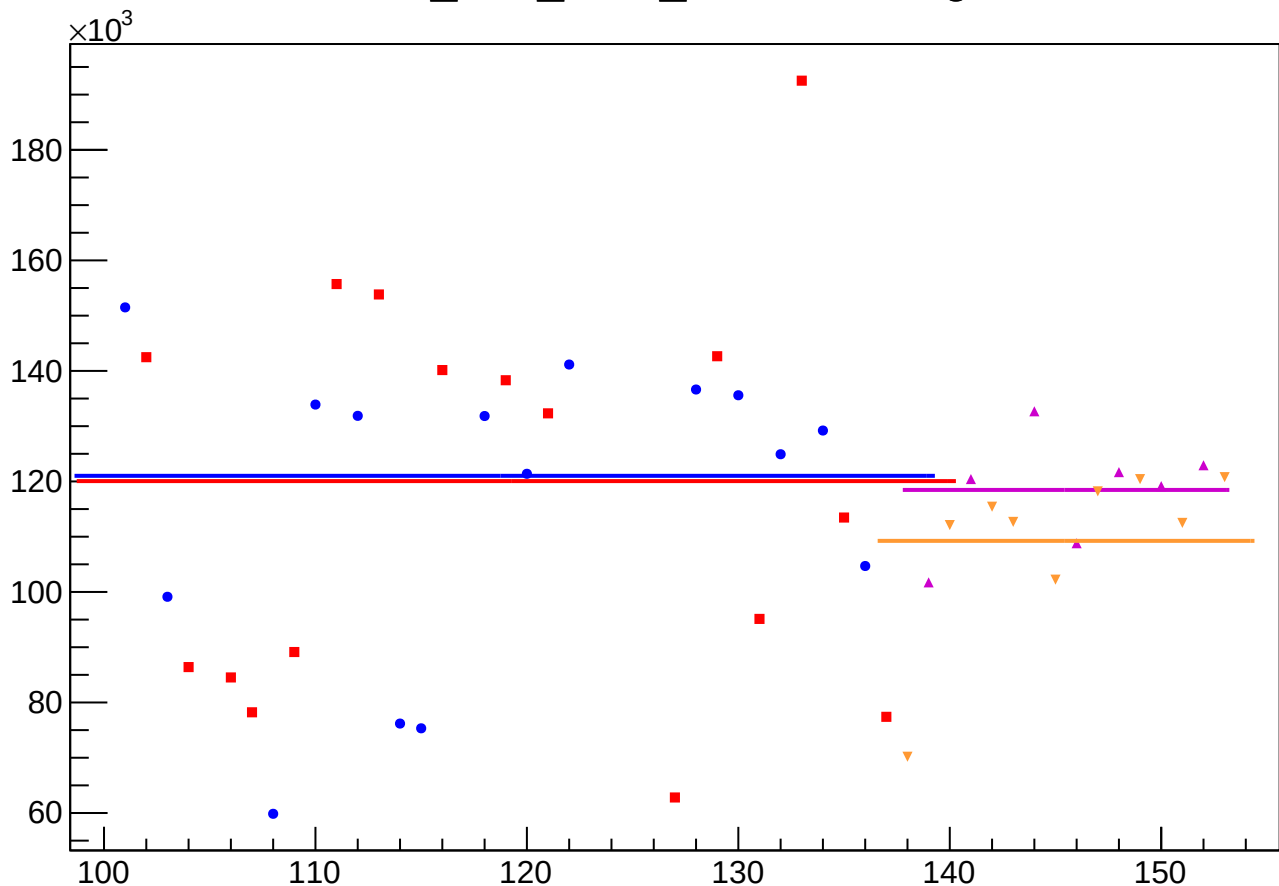
- sign 970.118+/-0.000 χ^2/NDF : 307676255511122

dit_atr1_coil7_Ndata_mean vs Slug



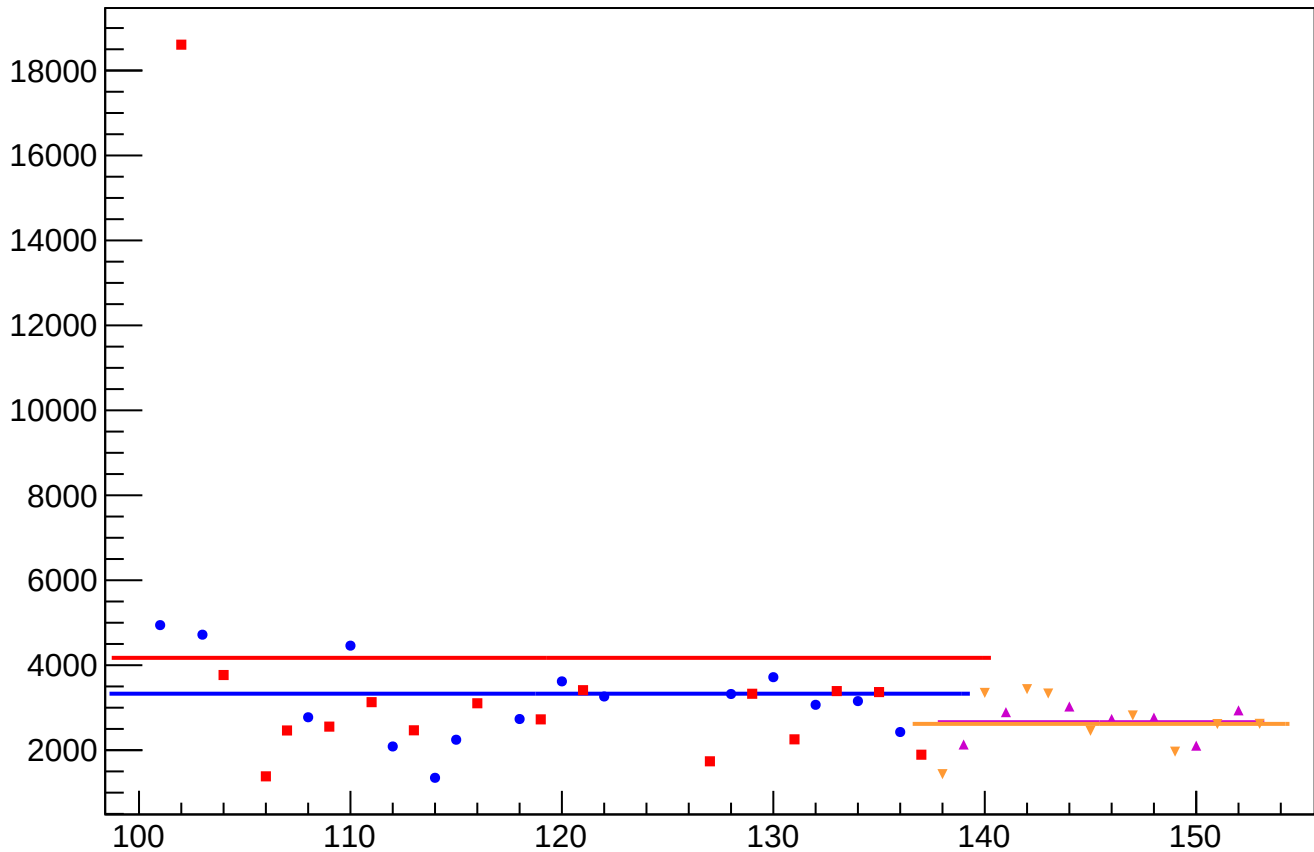
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1078.300+/-0.000	χ^2/NDF : 84251540570425
Left Out: 1132.494+/-0.000	χ^2/NDF : 39686876192496915858085858394832371712.0/8	All: 1075.346+/-0.000	χ^2/NDF : 18802289733
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1072.252+/-0.000	χ^2/NDF : 10374764725485
Left In: 1211.328+/-0.000	χ^2/NDF : 13918001771304500898480106304308248576.0/6		

dit_atr2_coil7_mean vs Slug



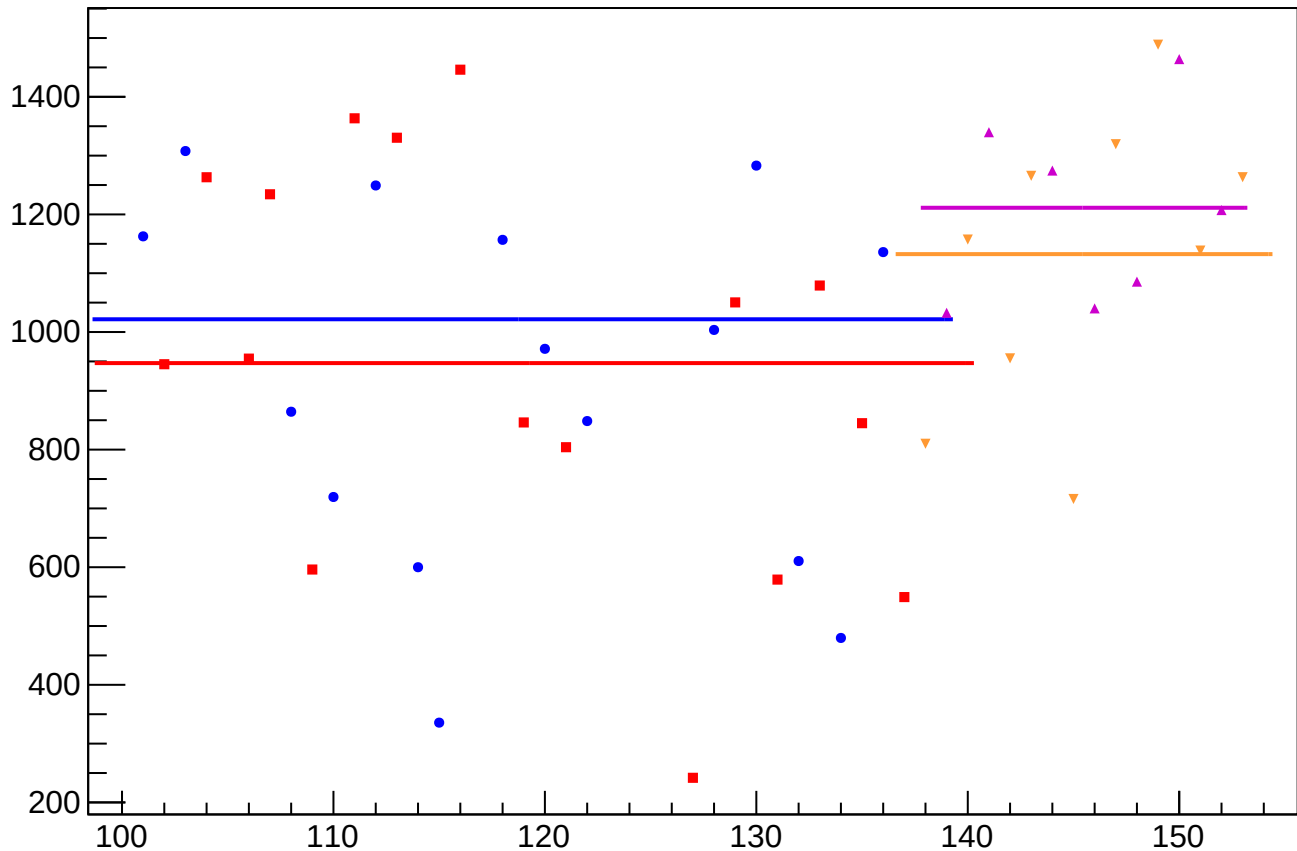
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 109246.949 $\pm$ 0.000 χ^2 /NDF: 155090402268060580992948862550668449153024.0/8
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 118463.564 $\pm$ 0.000 χ^2 /NDF: 51384014179284939663056989355106082226176.0/6

dit_atr2_coil7_err_mean vs Slug



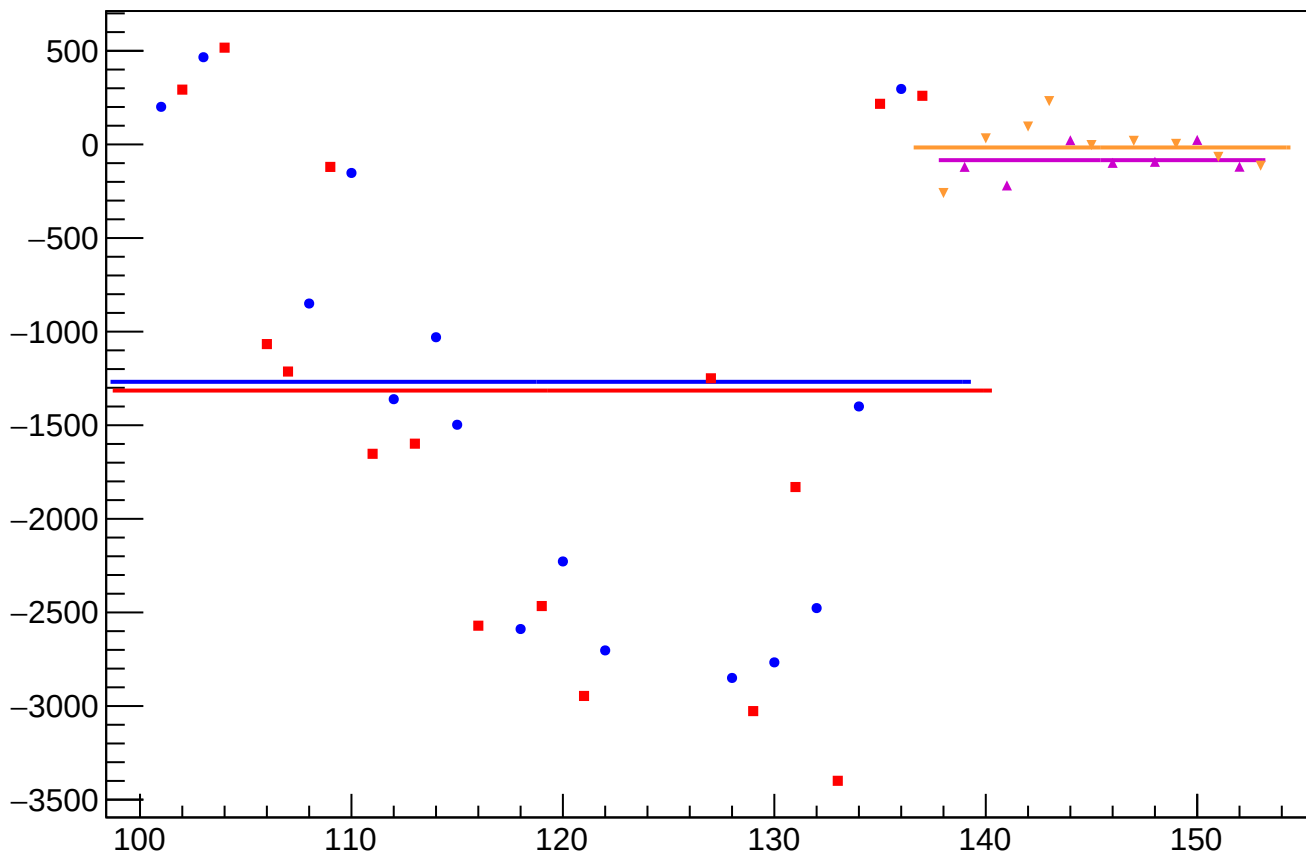
Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2618.887+/-0.000 χ^2/NDF : 258955809626170918955237243632933142528.0/8
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2658.454+/-0.000 χ^2/NDF : 75245749375287830947164194080313835520.0/6

dit_atr2_coil7_Ndata_mean vs Slug



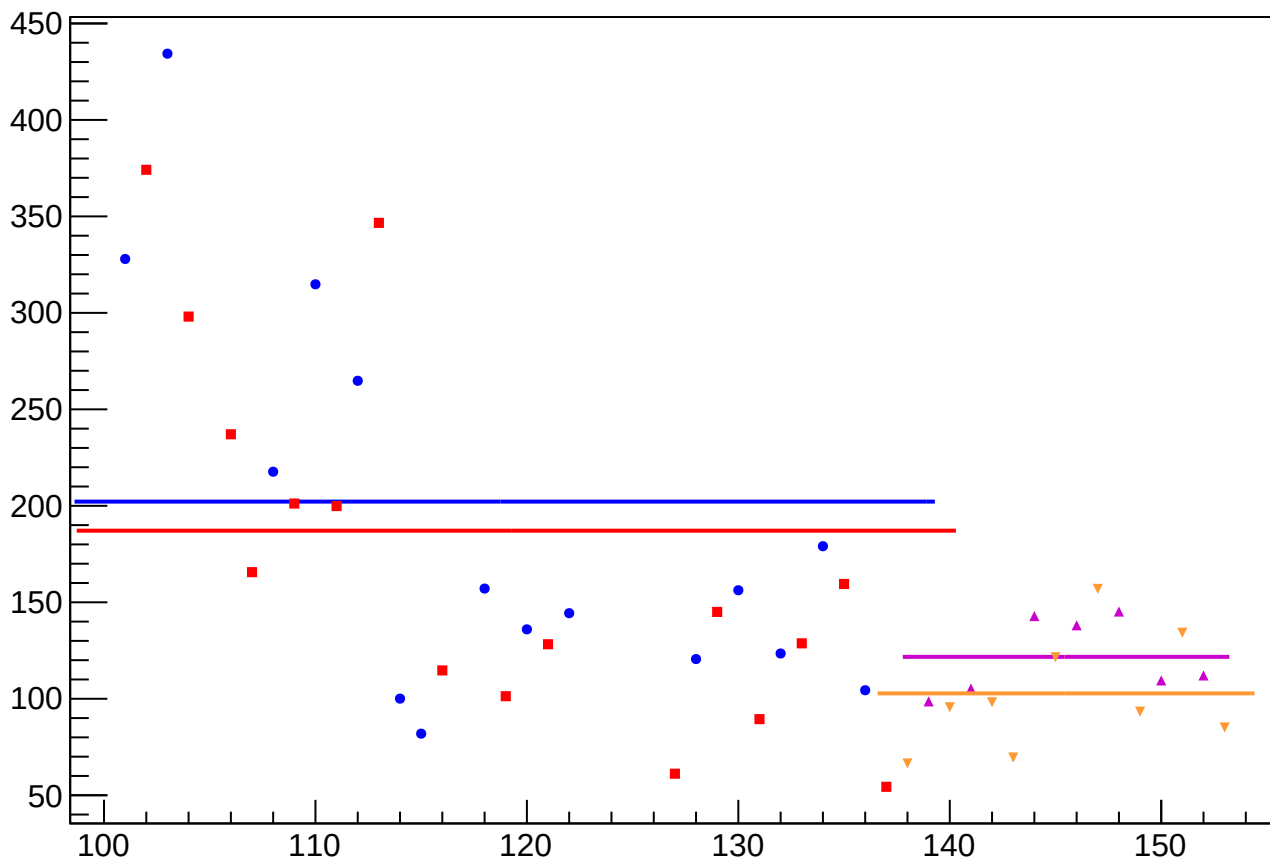
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1078.300+/-0.000	χ^2/NDF : 84251540570425
Left Out: 1132.494+/-0.000	χ^2/NDF : 39686876192496915858085858394832371712.0/8	All: 1075.346+/-0.000	χ^2/NDF : 18802289733
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1072.252+/-0.000	χ^2/NDF : 10374764725485
Left In: 1211.328+/-0.000	χ^2/NDF : 13918001771304500898480106304308248576.0/6		

dit_sam1_coil7_mean vs Slug



Right In: -1268.061 ± 0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -16.195 ± 0.000 χ^2/NDF : 10637150927669533629572872289396981760.0/8
 Right Out: -1314.767 ± 0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -84.006 ± 0.000 χ^2/NDF : 385142980247462628550251680044888832.0/6

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.800+/-0.000 χ^2/NDF : 549432881513606320127951824828235776.0/8

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

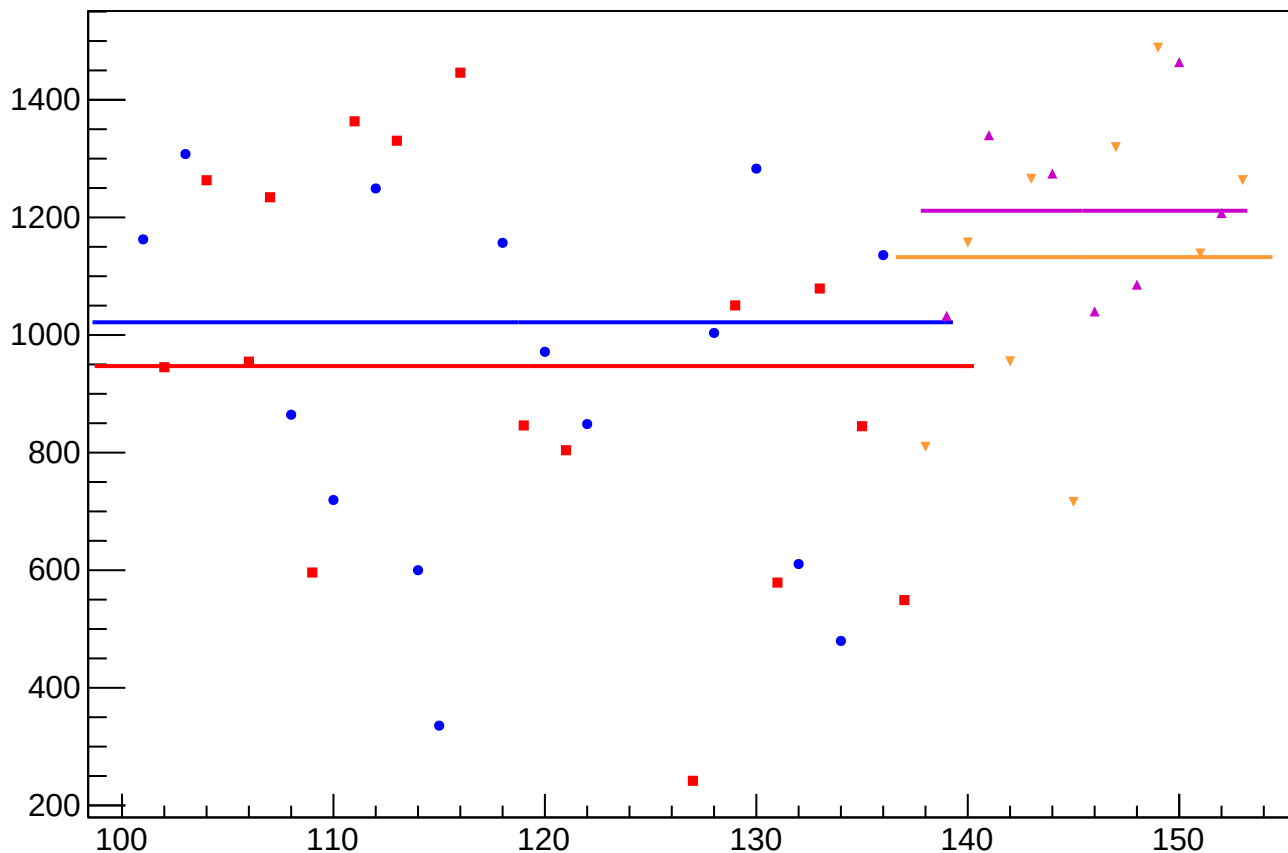
Left In: 121.723+/-0.000 χ^2/NDF : 196062125805292012070054860112789504.0/6

+ sign 151.409+/-0.000 χ^2/NDF : 108530239809238

All: 153.727+/-0.000 χ^2/NDF : 186448129057

- sign 156.154+/-0.000 χ^2/NDF : 777719837421948

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

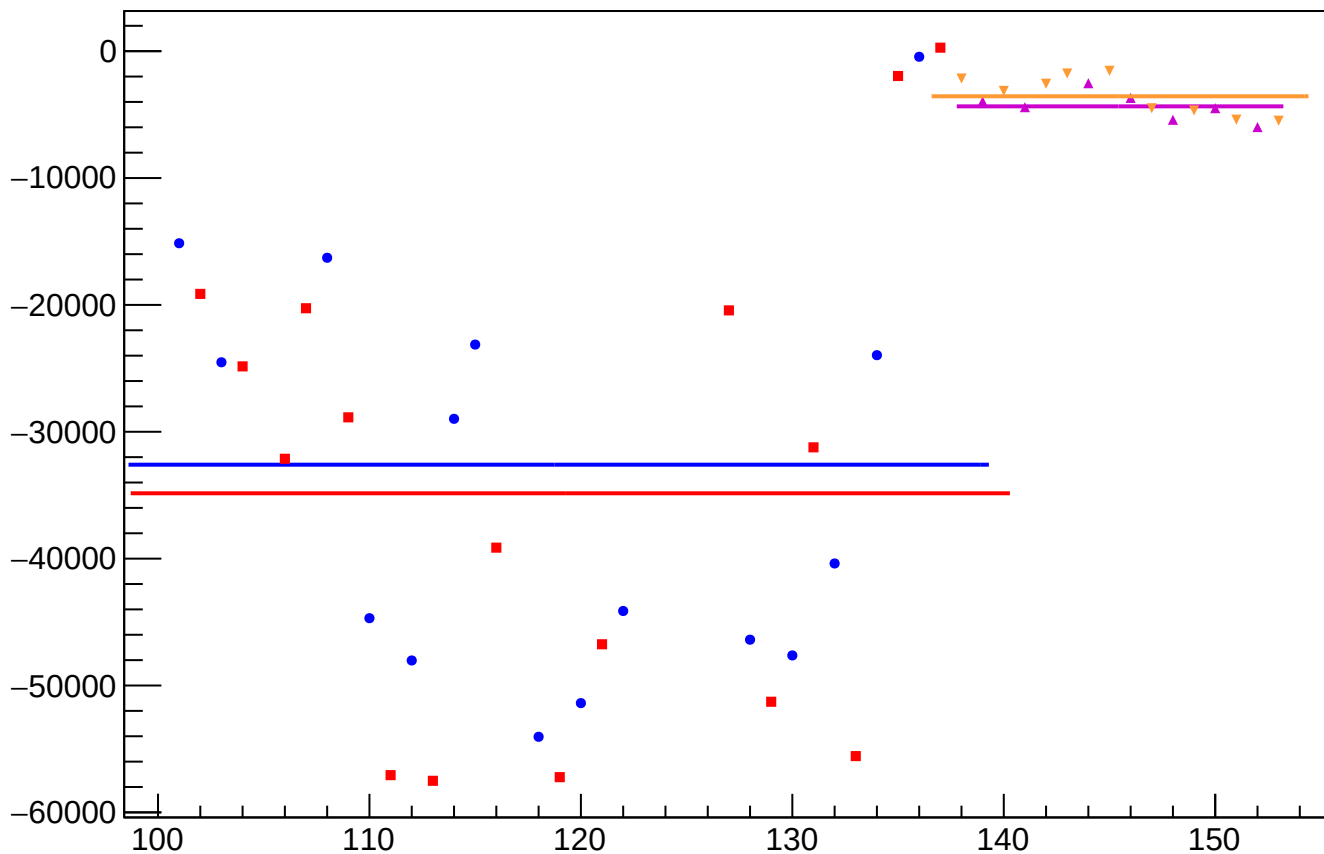
Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

+ sign 1078.300 $\pm$ 0.000 χ^2 /NDF: 84251540570425

All: 1075.346 $\pm$ 0.000 χ^2 /NDF: 1880228973

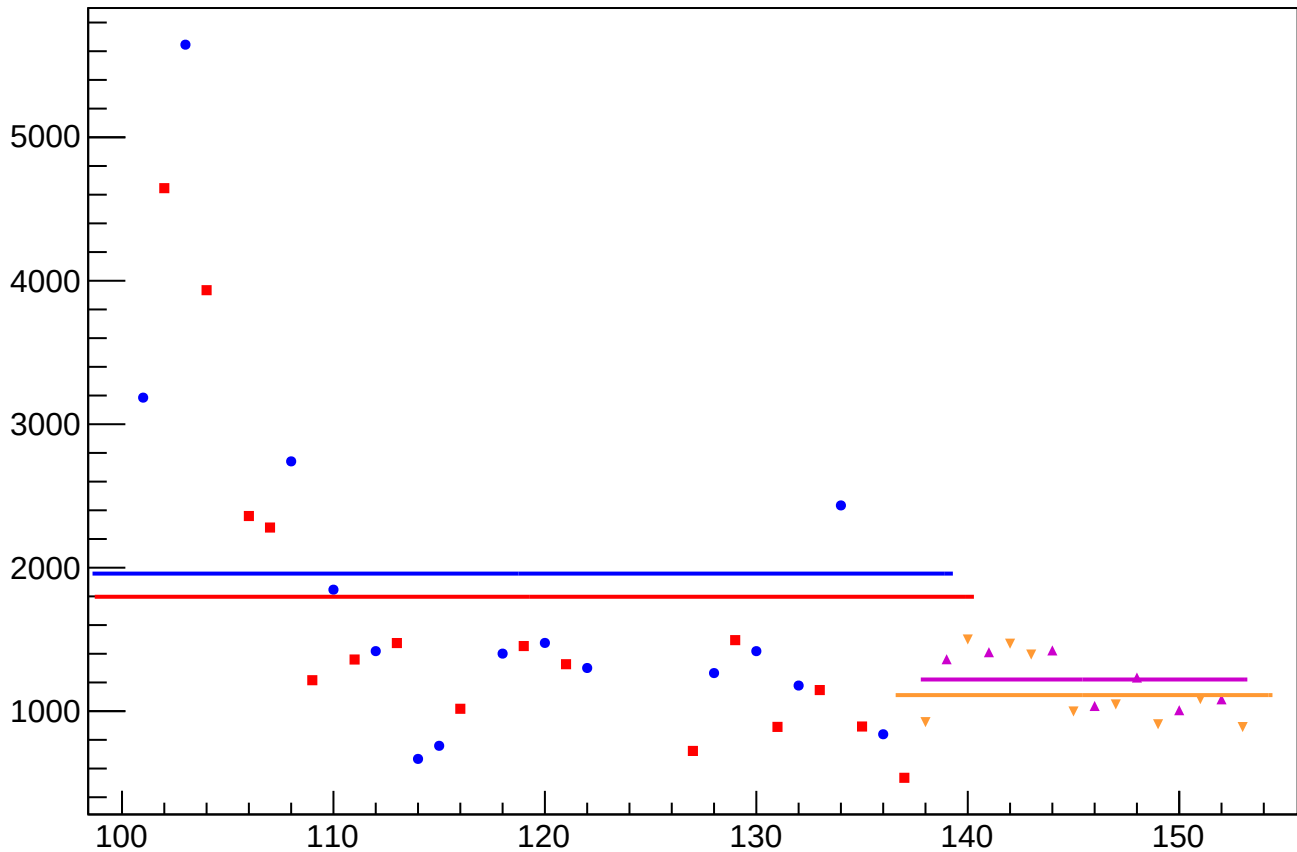
- sign 1072.252 $\pm$ 0.000 χ^2 /NDF: 10374764725485

dit_sam2_coil7_mean vs Slug



Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left Out: -3555.295 ± 0.000 $\chi^2/\text{NDF}: 1505237586009712903764234279882042900480.0/8$
 Right Out: -34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left In: -4348.968 ± 0.000 $\chi^2/\text{NDF}: 673679471316979572012709267428505288704.0/6$

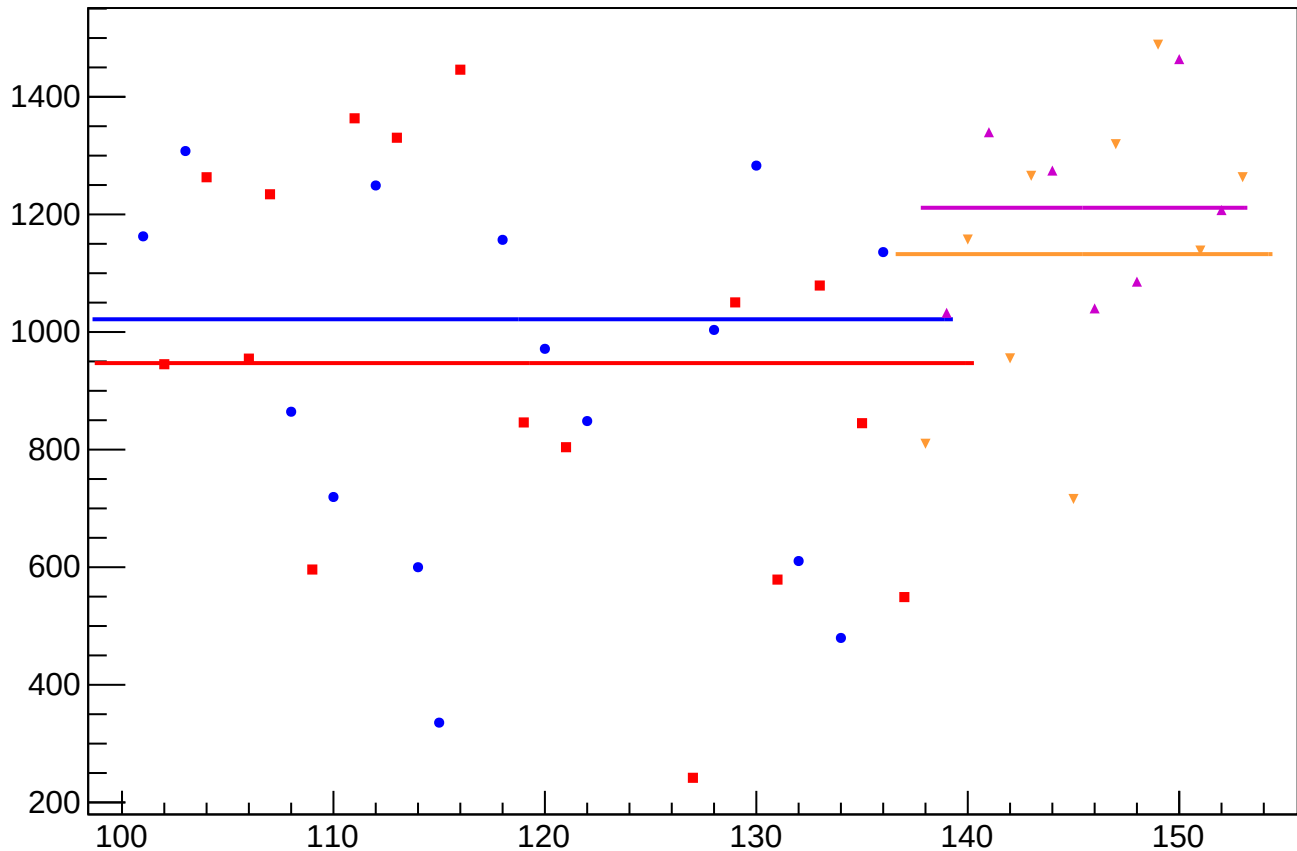
dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000	χ^2/NDF : 1189322999631358431600643692981190131712.0/14
Left Out: 1111.911+/-0.000	χ^2/NDF : 35490346253267927385759407776571850752.0/8
Right Out: 1797.392+/-0.000	χ^2/NDF : 955096623879958195657195074614240215040.0/15
Left In: 1220.653+/-0.000	χ^2/NDF : 17019967496860270884618381836731547648.0/6

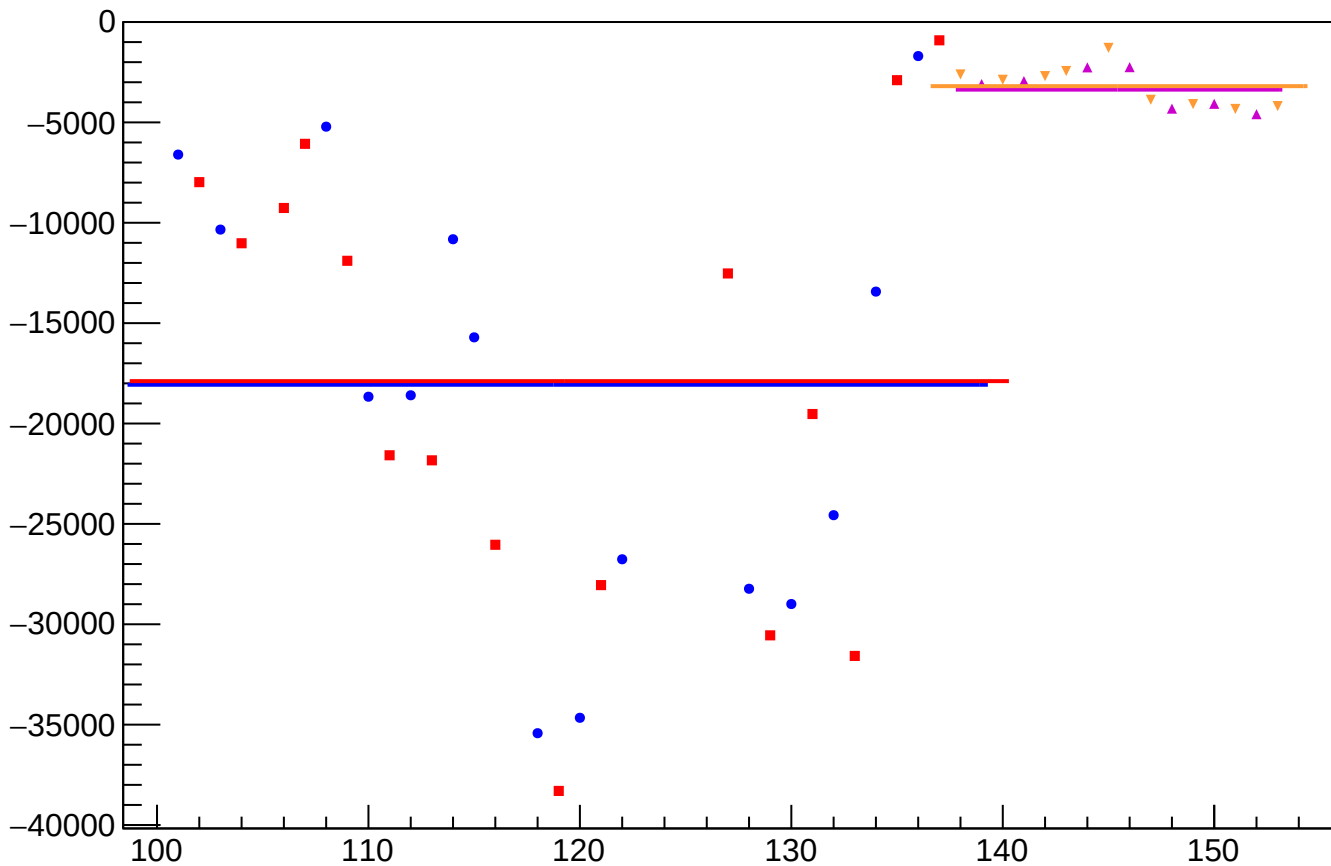
+ sign 1526.119+/-0.000 χ^2/NDF : 14626569607249
 All: 1525.217+/-0.000 χ^2/NDF : 25398409505
 - sign 1524.272+/-0.000 χ^2/NDF : 10771817785466

dit_sam2_coil7_Ndata_mean vs Slug



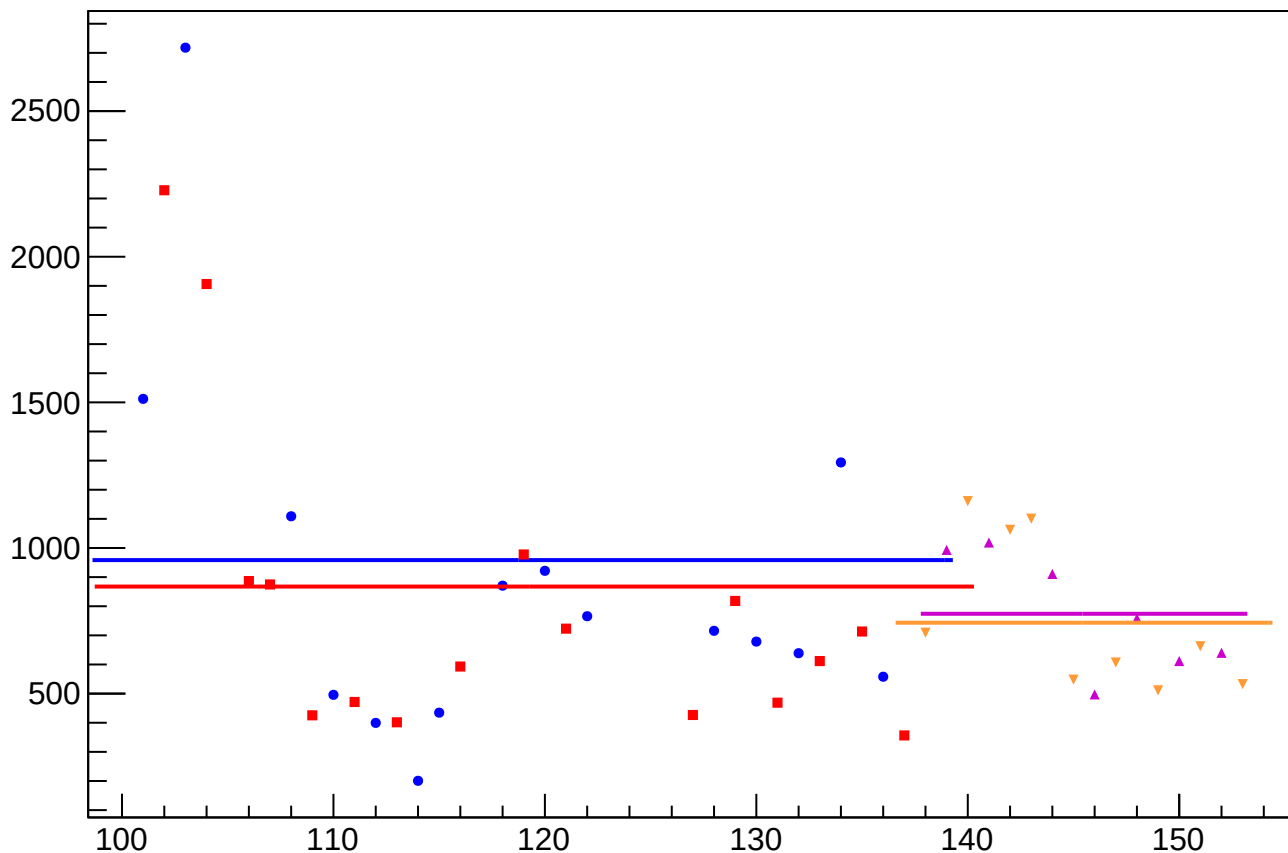
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6
 All: 1075.346 $\pm$ 0.000 χ^2 /NDF: 18802289733
 + sign 1078.300 $\pm$ 0.000 χ^2 /NDF: 84251540570425
 - sign 1072.252 $\pm$ 0.000 χ^2 /NDF: 10374764725485

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3195.028+/-0.000 χ^2/NDF : 665276771172396820021902511160917229568.0/8
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3367.369+/-0.000 χ^2/NDF : 486089498393126693501660303761770283008.0/6

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 743.472+/-0.000 χ^2/NDF : 40980164583293072602750729338719567872.0/8

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

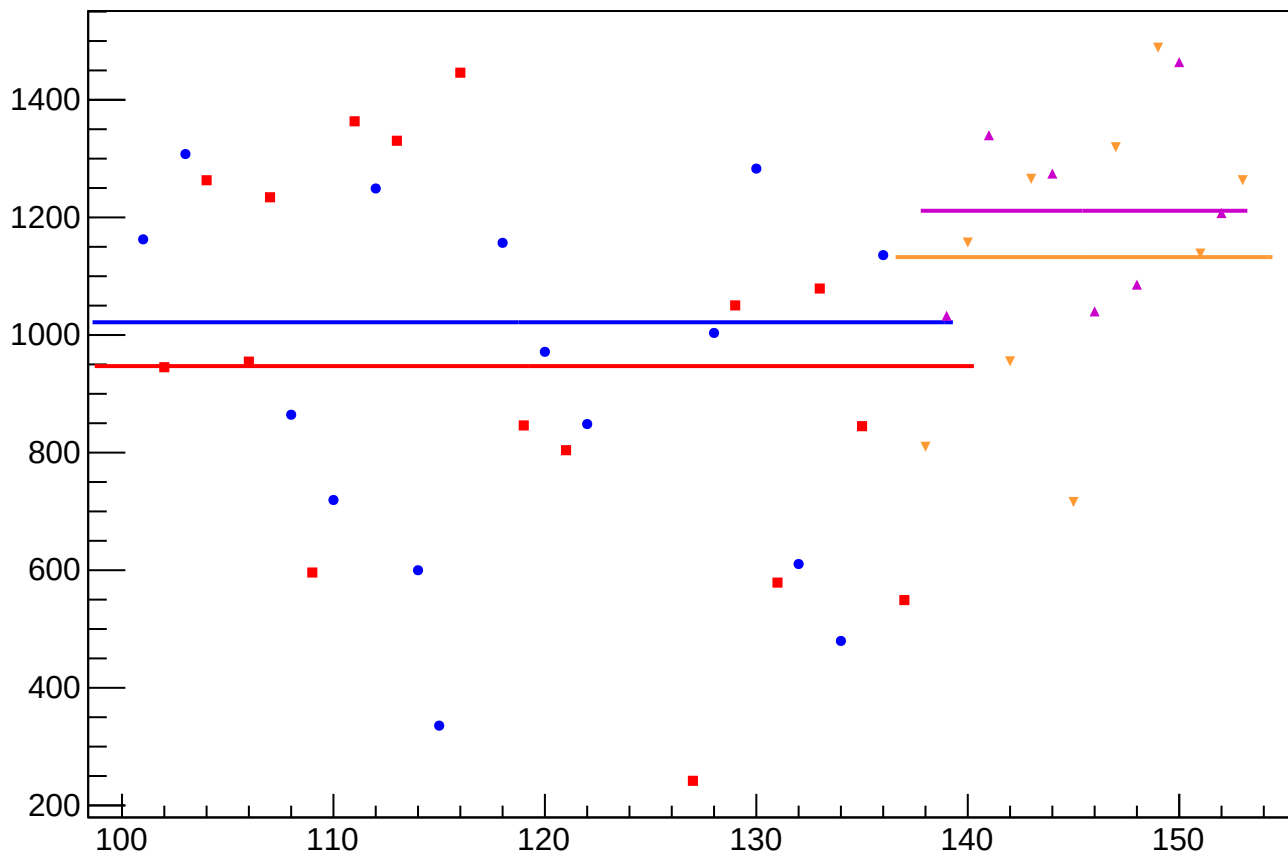
Left In: 774.131+/-0.000 χ^2/NDF : 20991377900375714054040408250879311872.0/6

All: 836.241+/-0.000 χ^2/NDF : 56132394338

+ sign 848.593+/-0.000 χ^2/NDF : 321032338285516

- sign 823.304+/-0.000 χ^2/NDF : 239877095366611

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 +/- 0.000 χ^2/NDF : 39686876192496915858085858394832371712.0/8

Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

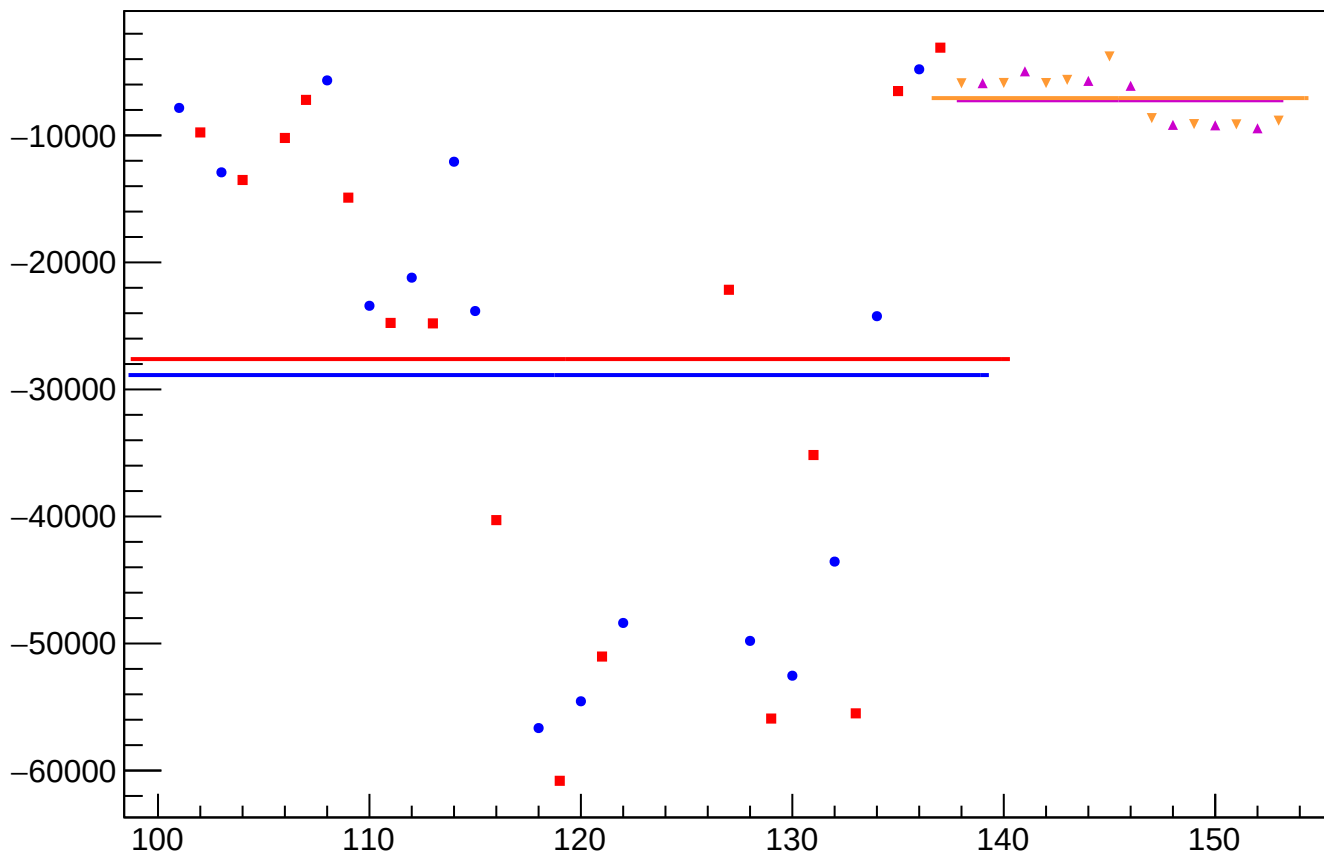
Left In: 1211.328 +/- 0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6

+ sign 1078.300 +/- 0.000 χ^2/NDF : 84251540570425

All: 1075.346 +/- 0.000 χ^2/NDF : 1880228973

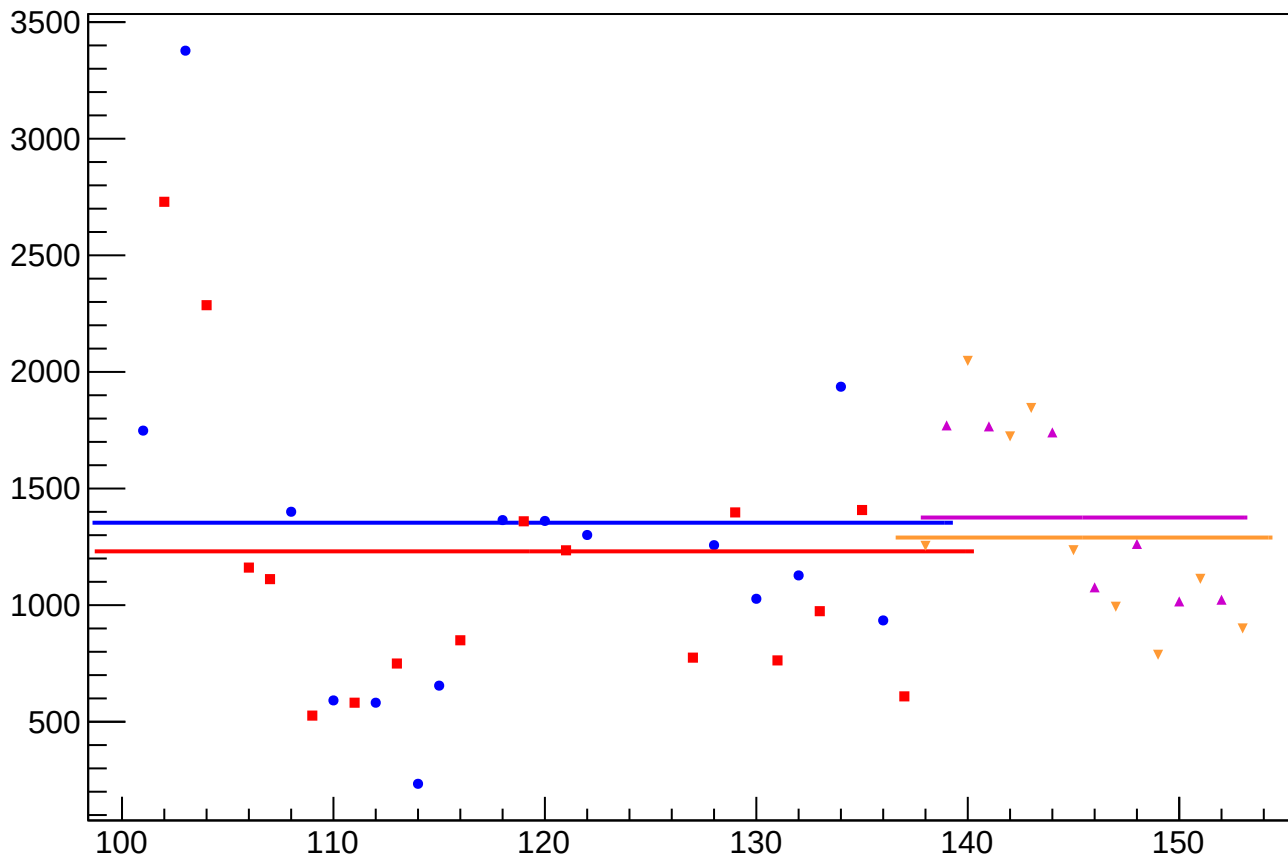
- sign 1072.252 +/- 0.000 χ^2/NDF : 10374764725485

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7067.043+/-0.000 χ^2/NDF : 2438510594209298157407894665859931570176.0/8
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7238.768+/-0.000 χ^2/NDF : 1994282935884038944244891615233694498816.0/6

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1289.851+/-0.000 χ^2/NDF : 120136225993135302440079787751815249920.0/8

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

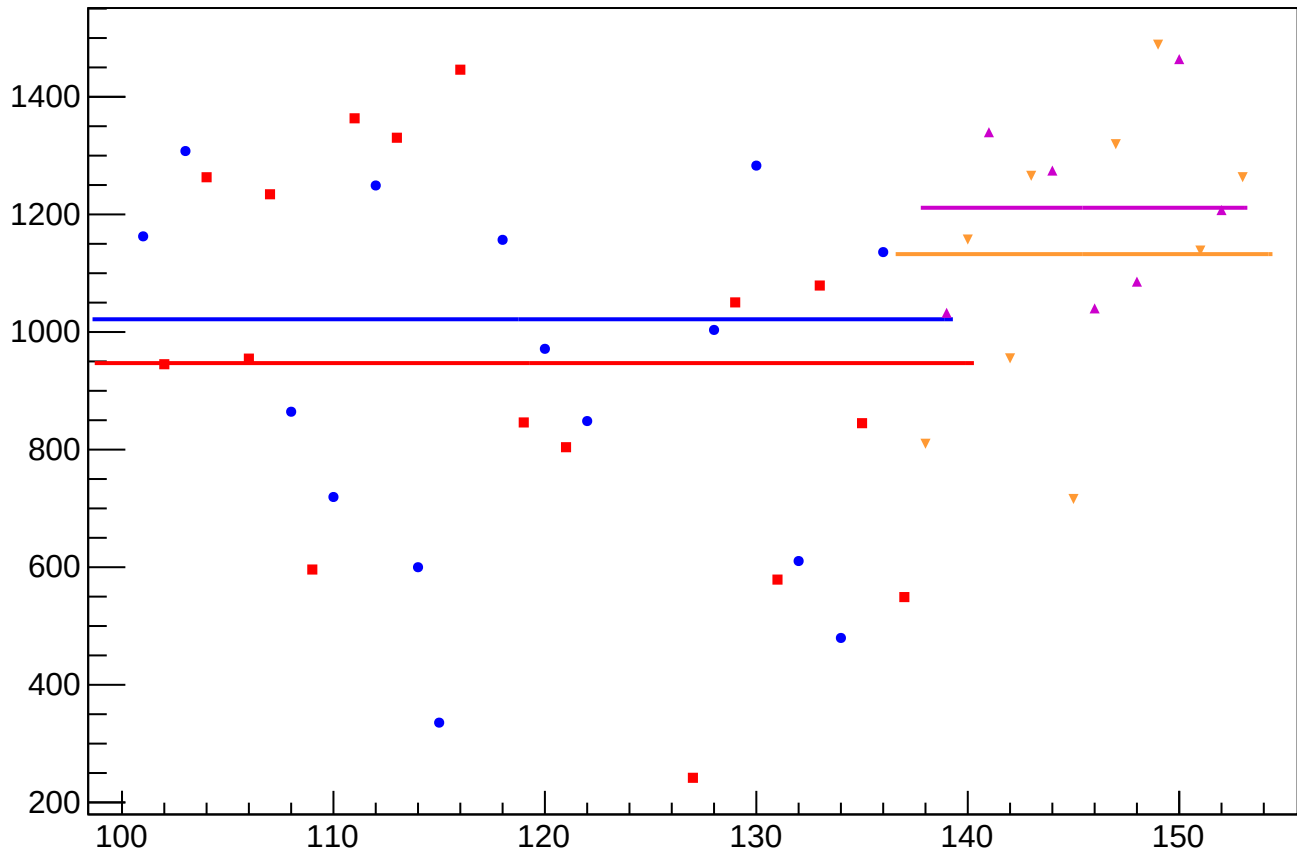
Left In: 1375.679+/-0.000 χ^2/NDF : 68567797645593743131643952291387539456.0/6

+ sign 1320.937+/-0.000 χ^2/NDF : 47436388098131

All: 1310.379+/-0.000 χ^2/NDF : 82686924410

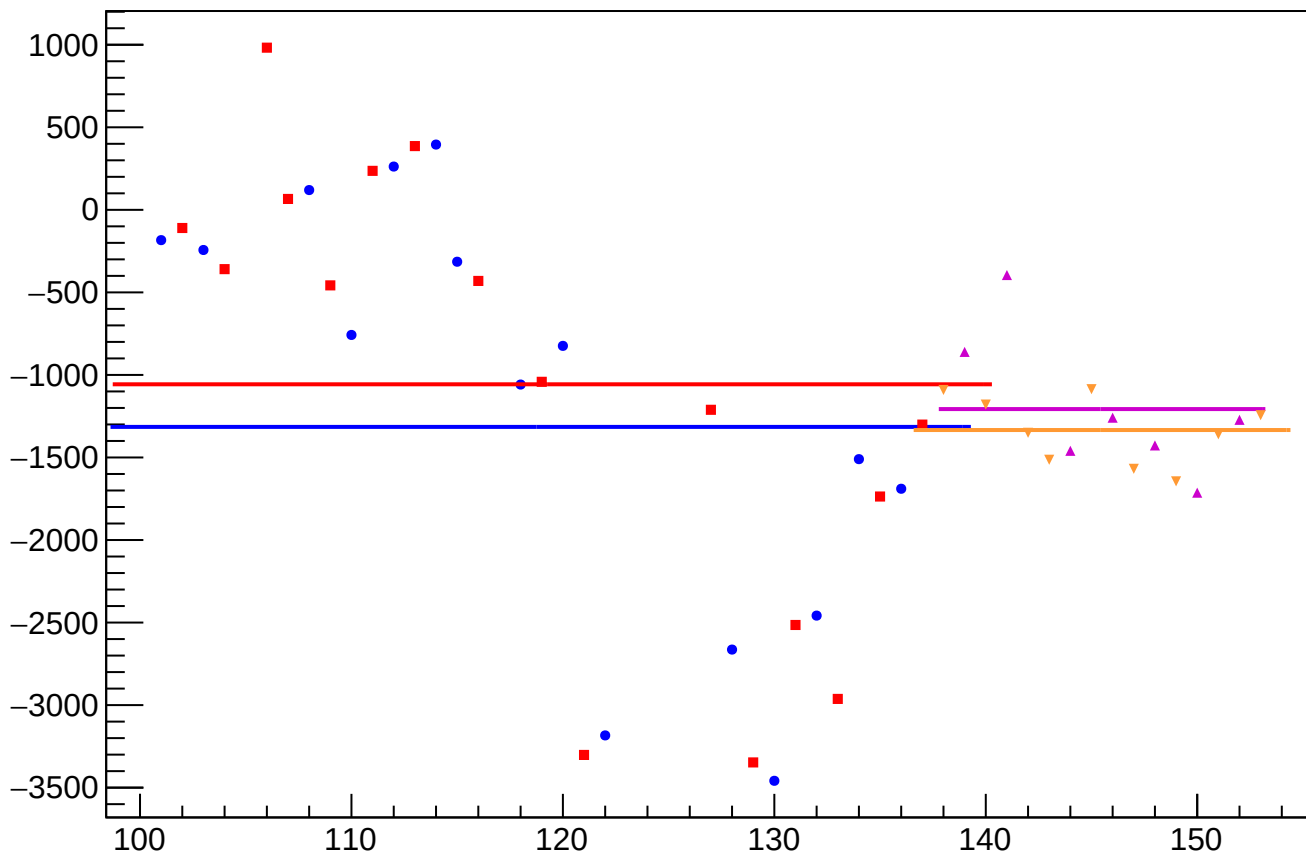
- sign 1299.321+/-0.000 χ^2/NDF : 35220249194576

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

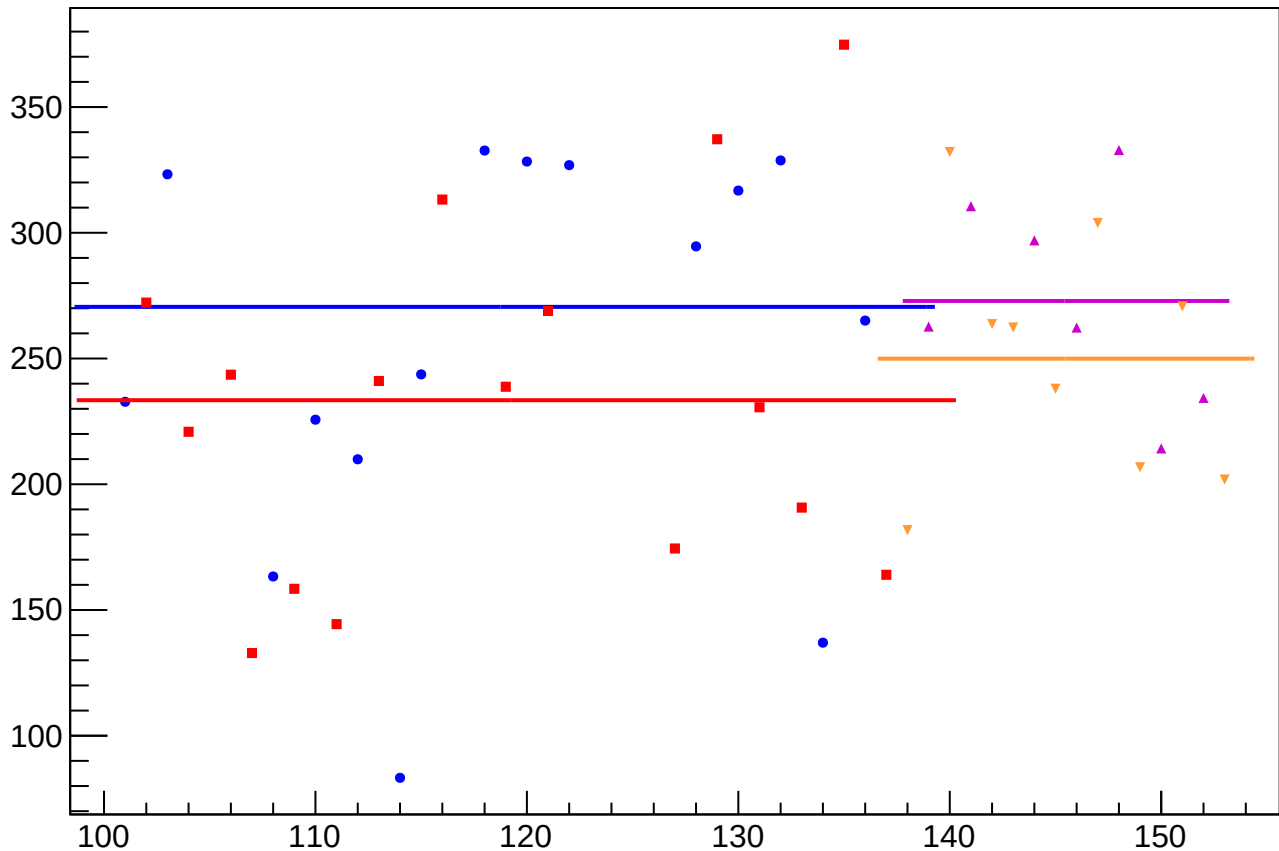
dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000	χ^2/NDF : 966082368518203481544021644405645508608.0/14
Left Out: -1333.791+/-0.000	χ^2/NDF : 26845986426692496235413278006404186112.0/8
Right Out: -1056.765+/-0.000	χ^2/NDF : 1127141594187417021949832477353286041600.0/15
Left In: -1206.817+/-0.000	χ^2/NDF : 99448357828471133702467333130104602624.0/6

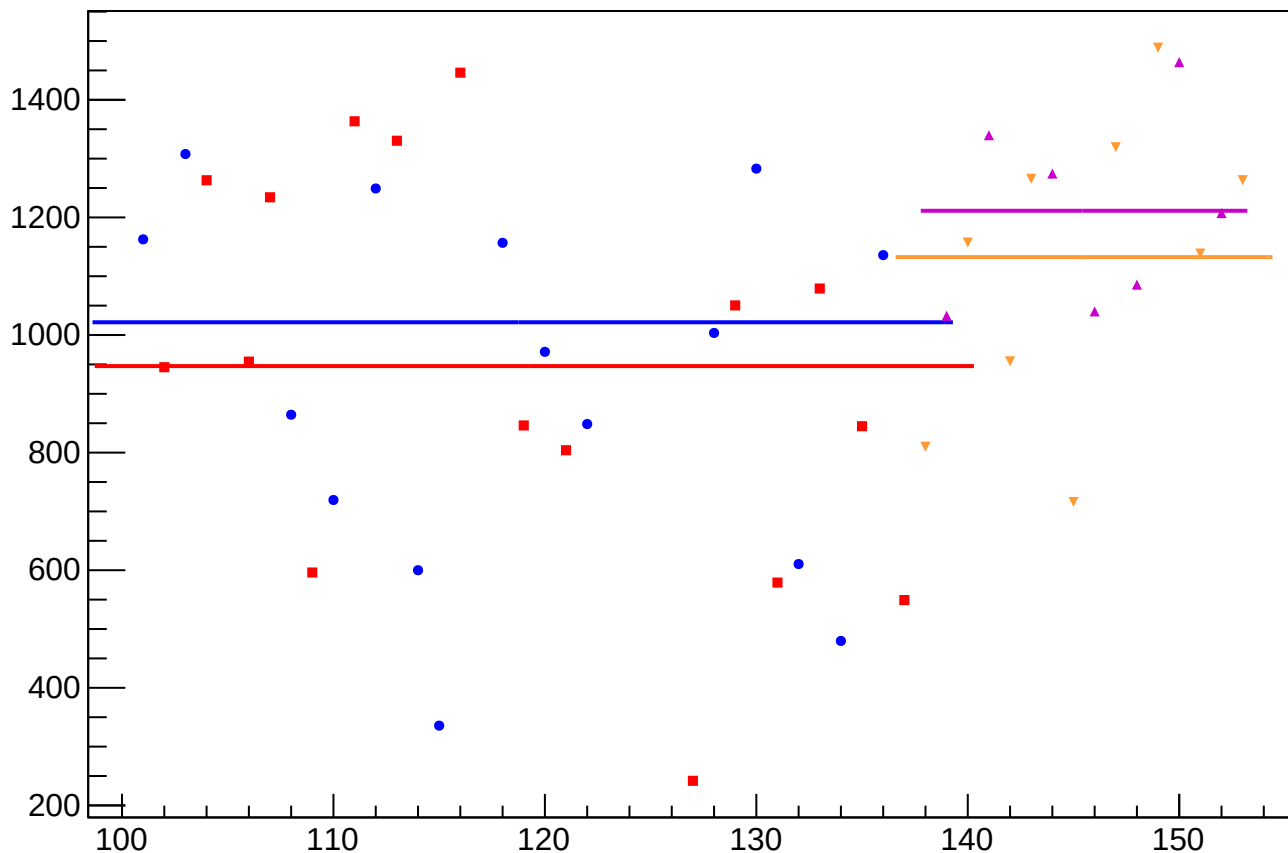
+ sign -1324.494+/-0.000 χ^2/NDF : 9930481687597
 All: -1228.433+/-0.000 χ^2/NDF : 2251819980
 - sign -1127.824+/-0.000 χ^2/NDF : 12337017861789

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14	+ sign 260.024+/-0.000	χ^2/NDF : 417491959280365
Left Out: 249.959+/-0.000	χ^2/NDF : 1560651354445278539321244262386892800.0/8	All: 256.157+/-0.000	χ^2/NDF : 86906477581
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15	- sign 252.107+/-0.000	χ^2/NDF : 447510301506294
Left In: 272.879+/-0.000	χ^2/NDF : 934789588706863418660274260498448384.0/6		

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF : 39686876192496915858085858394832371712.0/8

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

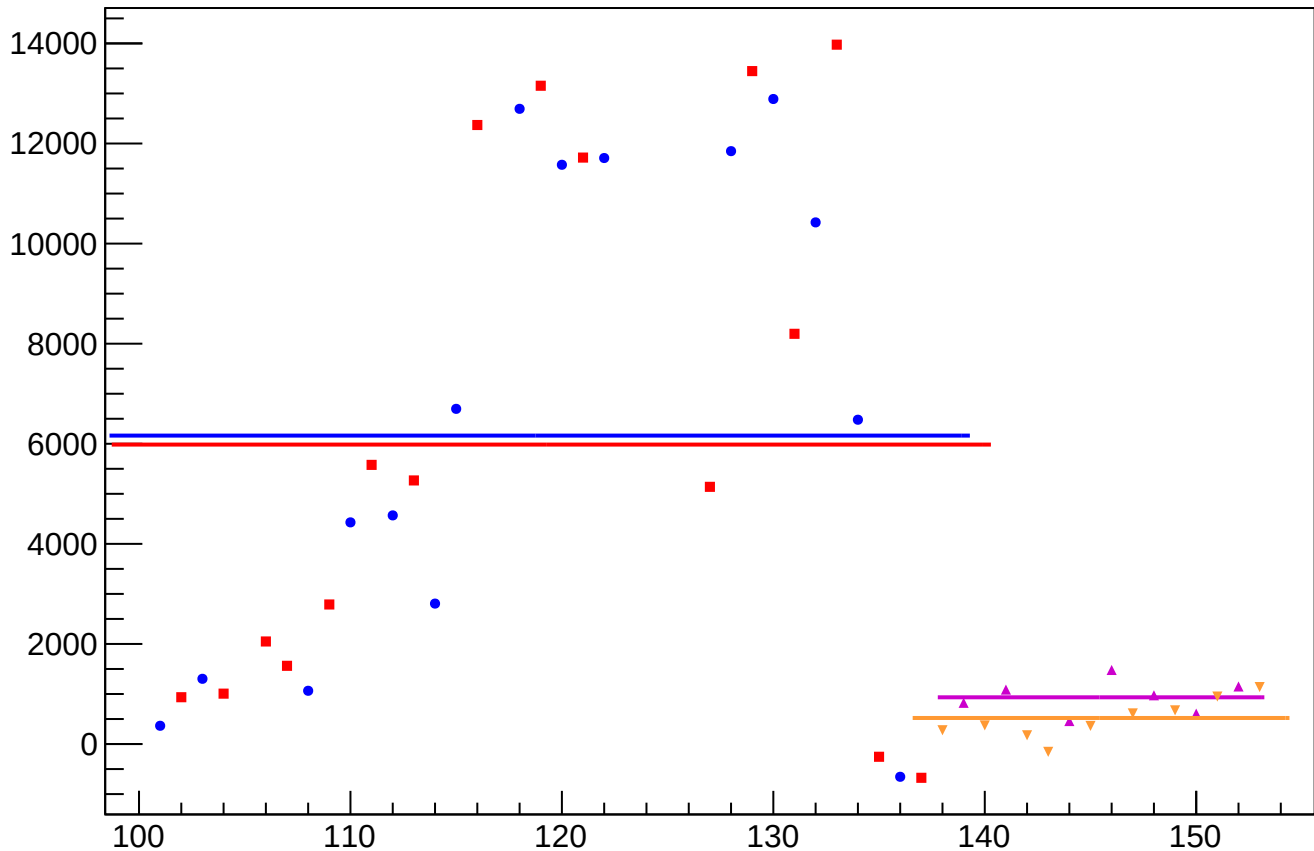
Left In: 1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6

+ sign 1078.300+/-0.000 χ^2/NDF : 84251540570425

All: 1075.346+/-0.000 χ^2/NDF : 1880228973

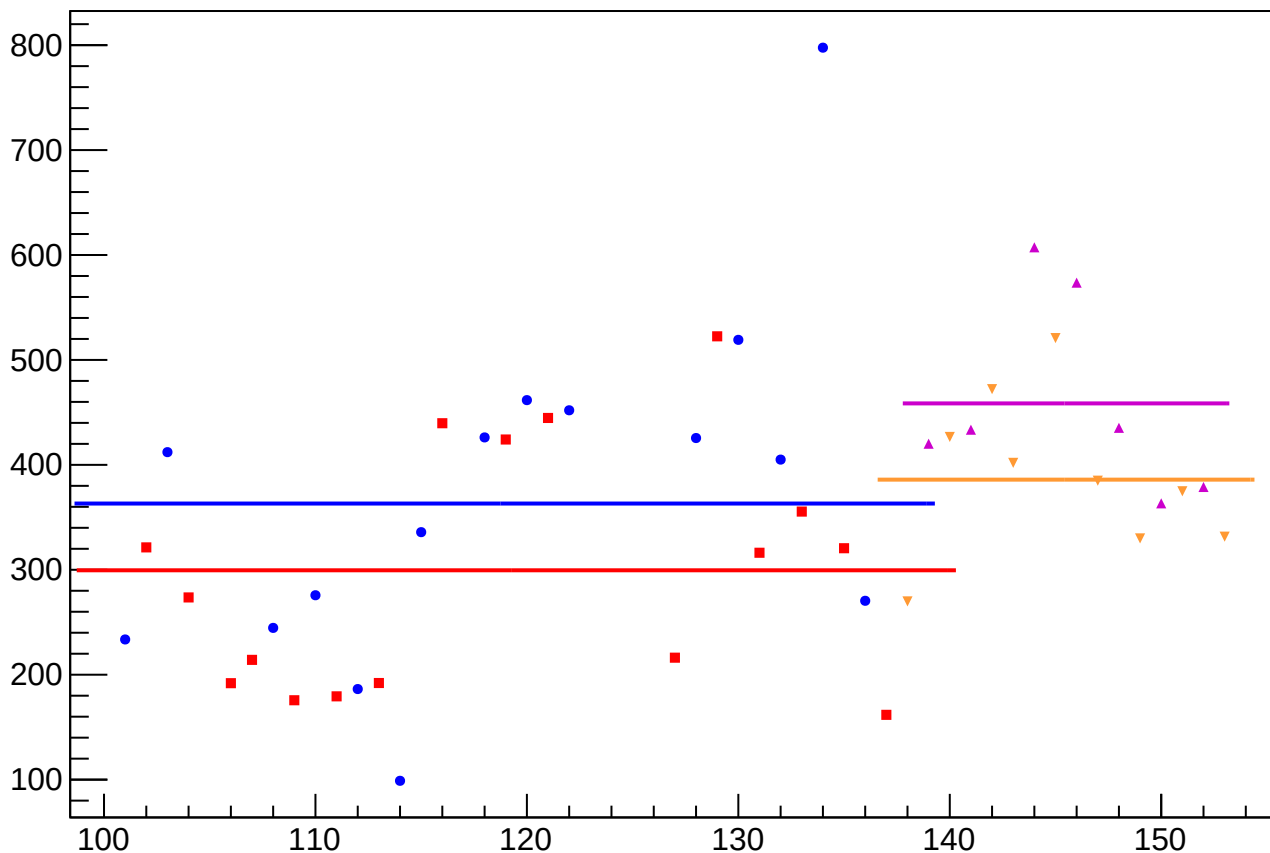
- sign 1072.252+/-0.000 χ^2/NDF : 10374764725485

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 520.783+/-0.000 χ^2/NDF : 93869843477744658467599338791061422080.0/8
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 933.775+/-0.000 χ^2/NDF : 61676866963818463862456044605623238656.0/6

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 385.911+/-0.000 χ^2/NDF : 3543873304666220754466359021125238784.0/8

Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

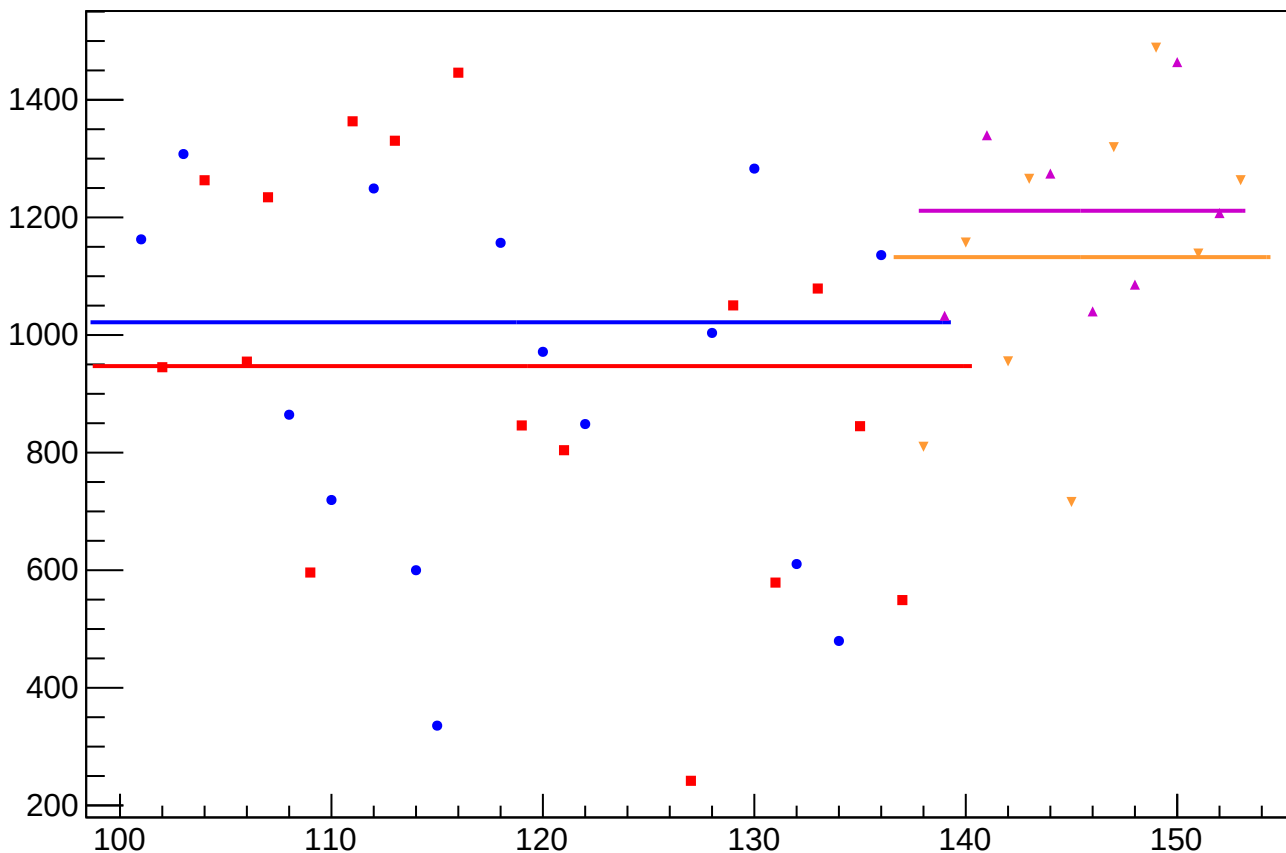
Left In: 458.568+/-0.000 χ^2/NDF : 4664767449615388521466724838186942464.0/6

+ sign 374.771+/-0.000 χ^2/NDF : 152186969854248

All: 374.803+/-0.000 χ^2/NDF : 355597255449

- sign 374.836+/-0.000 χ^2/NDF : 203410258206848

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

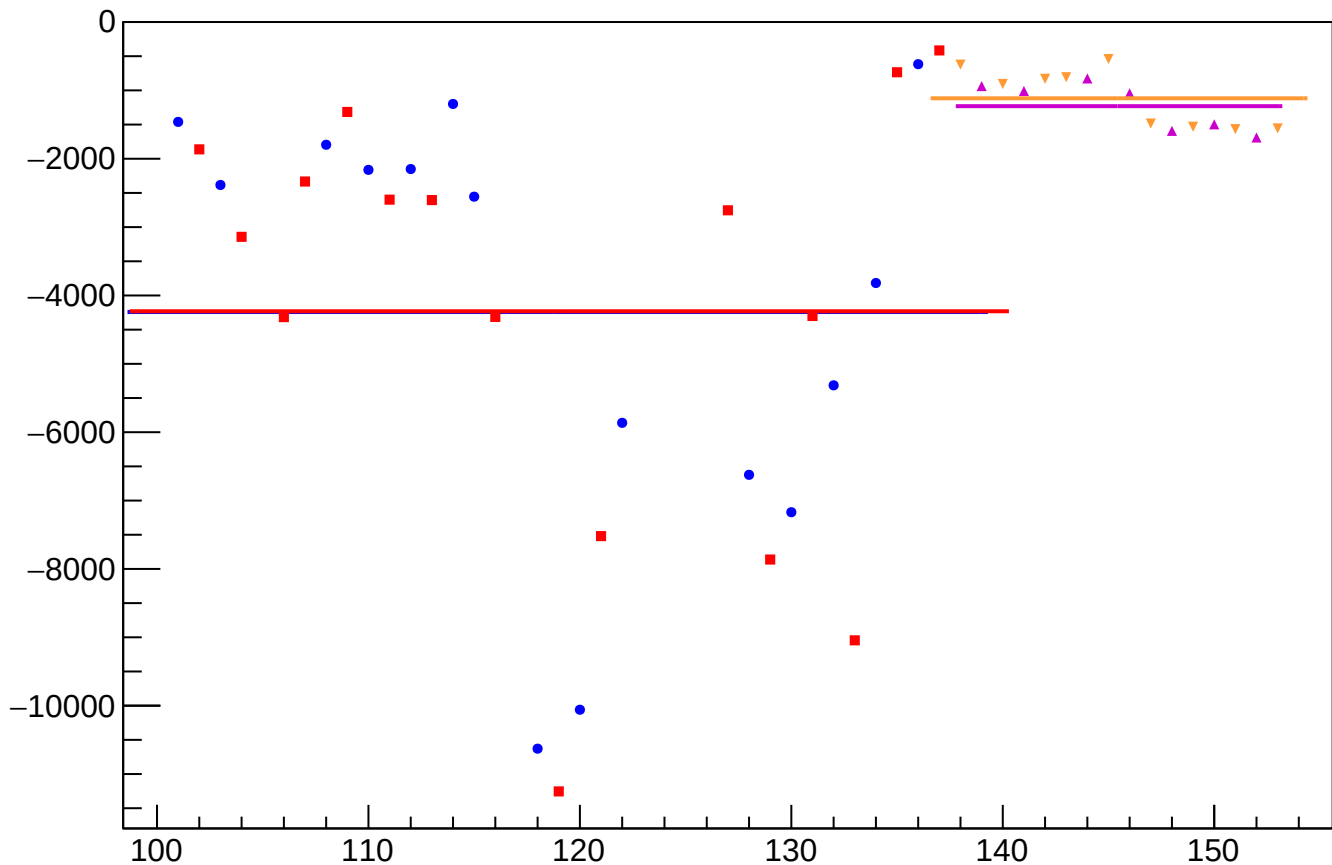
Left In: 1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6

+ sign 1078.300 $\pm$ 0.000 χ^2 /NDF: 84251540570425

All: 1075.346 $\pm$ 0.000 χ^2 /NDF: 1880228973

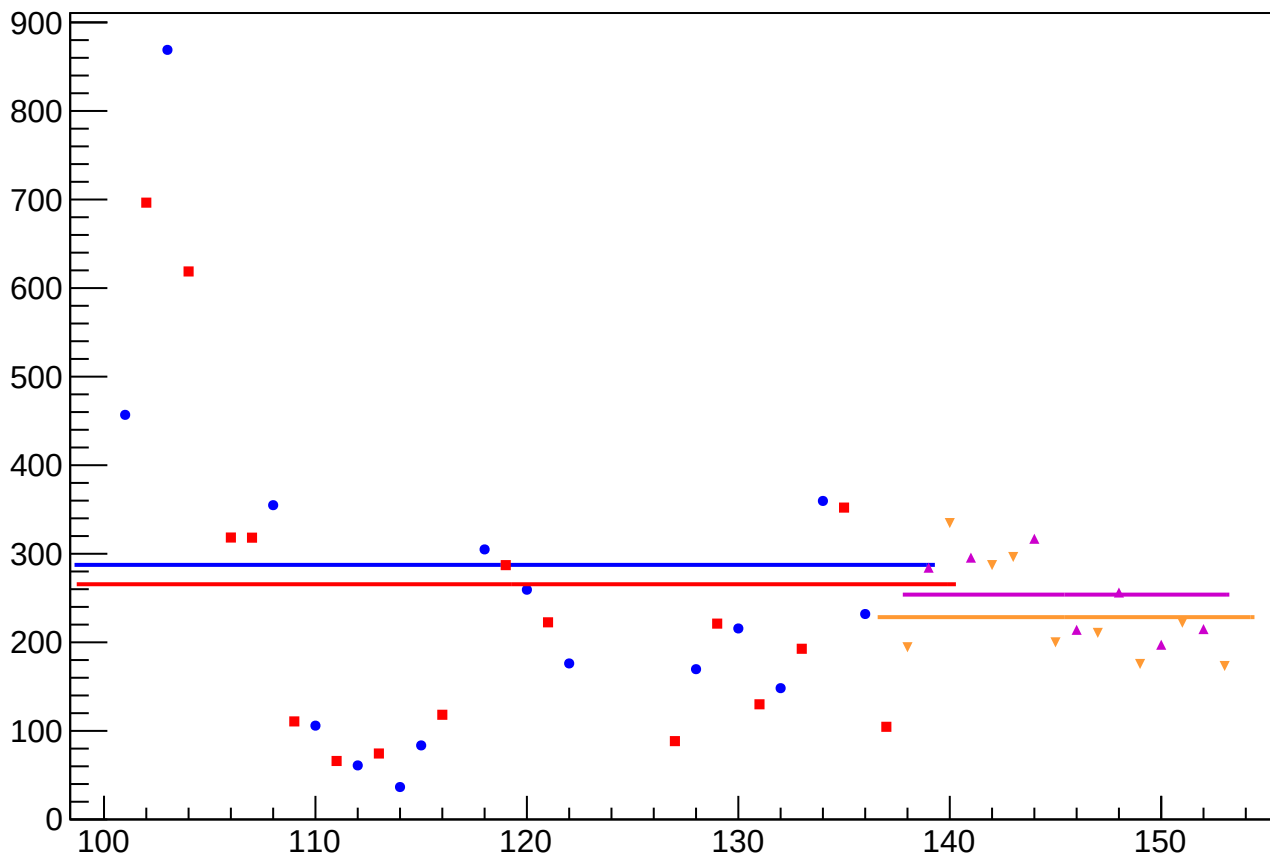
- sign 1072.252 $\pm$ 0.000 χ^2 /NDF: 10374764725485

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -1115.827+/-0.000 χ^2/NDF : 116664248313551583840236217813553905664.0/8
 Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: -1230.848+/-0.000 χ^2/NDF : 64432609374136269092612252236037226496.0/6

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460 ± 0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 228.444 ± 0.000 χ^2/NDF : 2070303267029273747034304991251660800.0/8

Right Out: 265.593 ± 0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

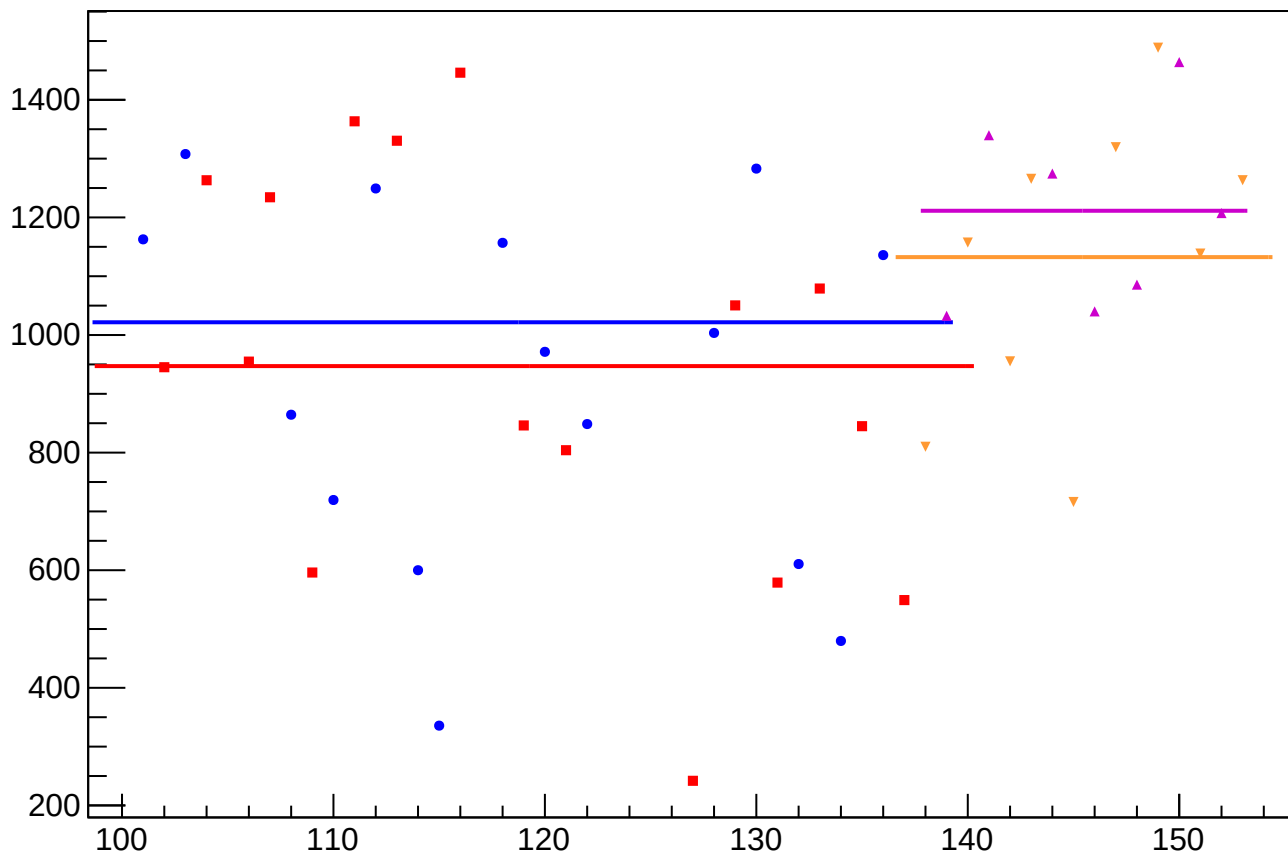
Left In: 253.876 ± 0.000 χ^2/NDF : 1131903051683608737080671468141936640.0/6

+ sign 257.307 ± 0.000 χ^2/NDF : 327422477362886

All: 258.644 ± 0.000 χ^2/NDF : 59765632968

- sign 260.044 ± 0.000 χ^2/NDF : 270185279933492

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF : 39686876192496915858085858394832371712.0/8

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

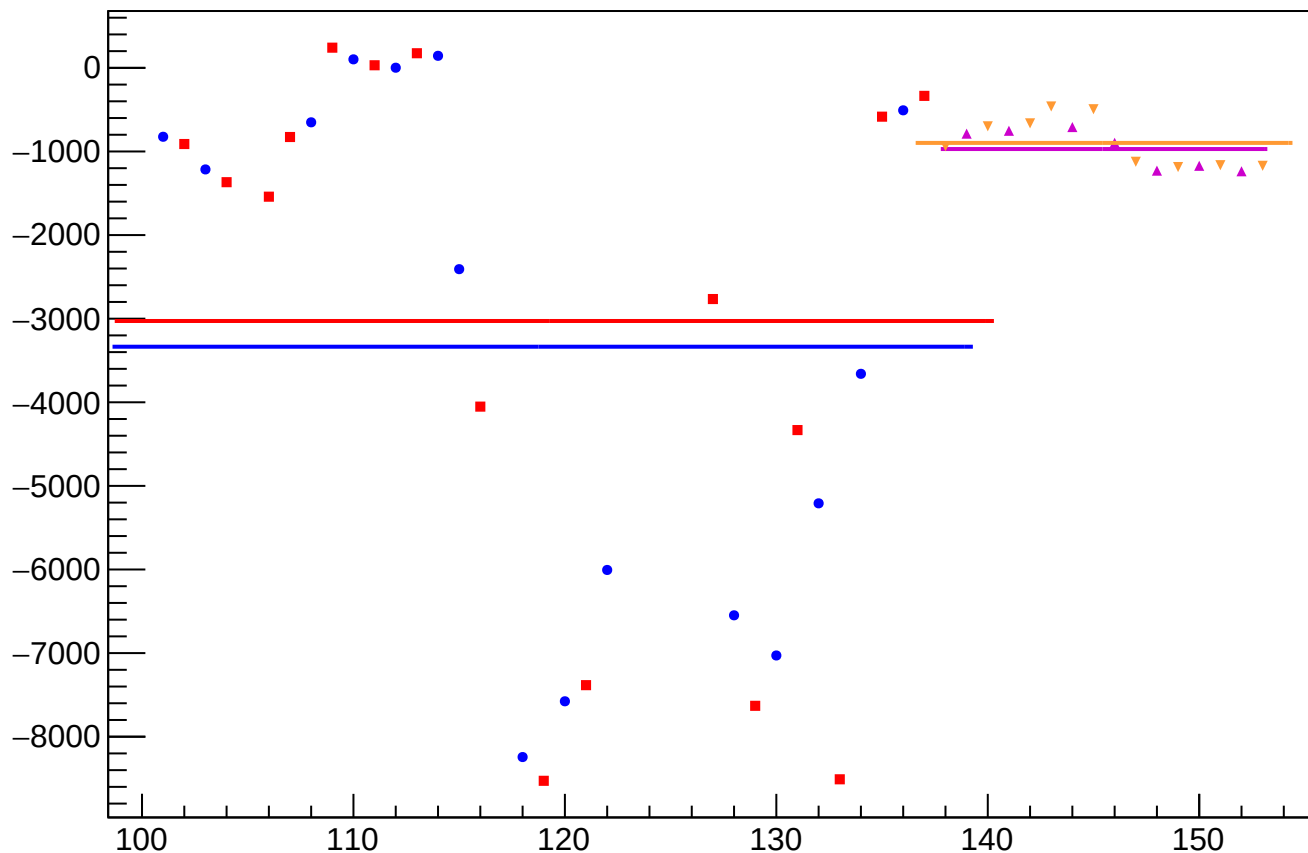
Left In: 1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6

+ sign 1078.300+/-0.000 χ^2/NDF : 84251540570425

All: 1075.346+/-0.000 χ^2/NDF : 1880228973

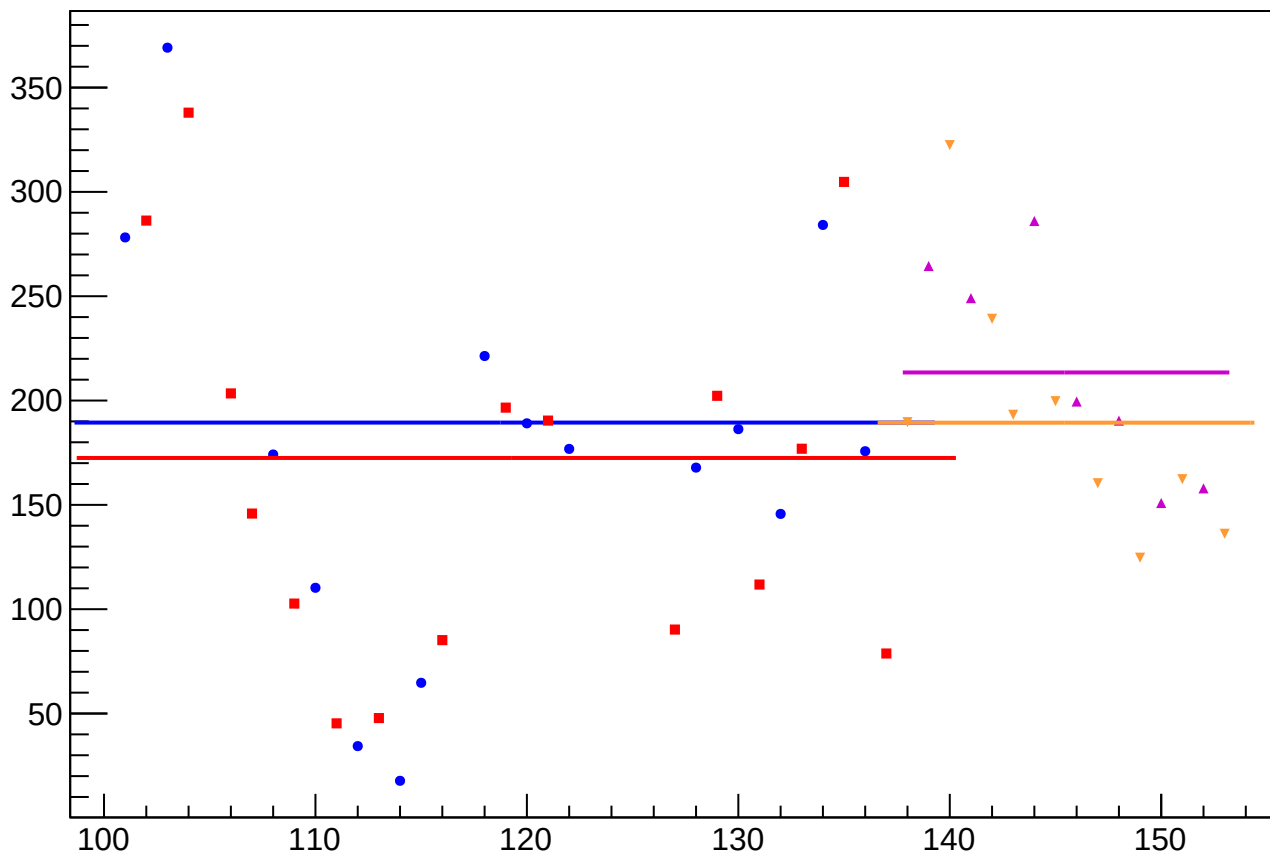
- sign 1072.252+/-0.000 χ^2/NDF : 10374764725485

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -897.523+/-0.000 χ^2/NDF : 54554423626066134088895692294133383168.0/8
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -970.823+/-0.000 χ^2/NDF : 28840896872165505205990281468780216320.0/6

dit_sam8_coil7_err_mean vs Slug



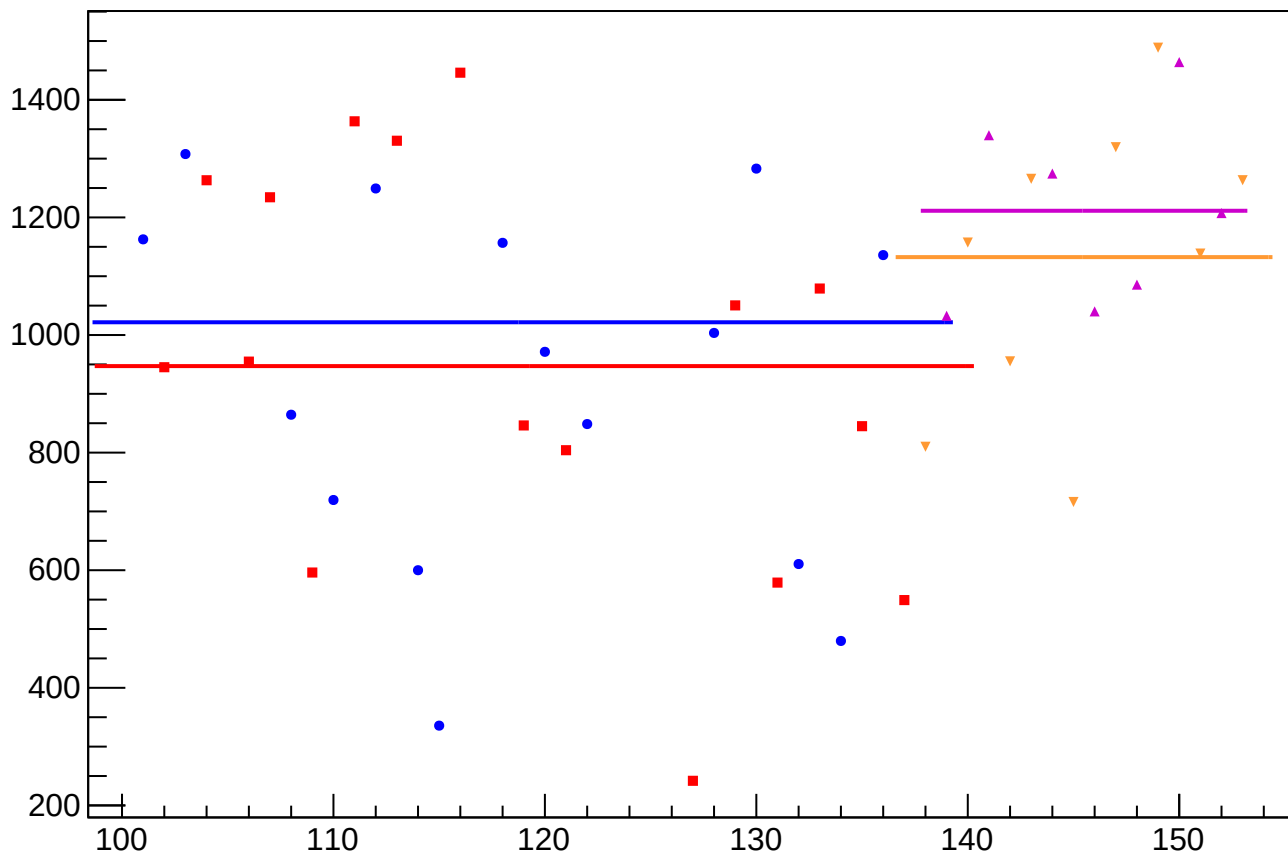
Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14

Left Out: 189.390 $\pm$ 0.000 χ^2 /NDF: 2289564962595753201195075635307872256.0/8

Right Out: 172.485 $\pm$ 0.000 χ^2 /NDF: 5594813408996728261938711470404534272.0/15

Left In: 213.458 $\pm$ 0.000 χ^2 /NDF: 1473203061018047048961626793949790208.0/6

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 +/- 0.000 χ^2/NDF : 39686876192496915858085858394832371712.0/8

Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

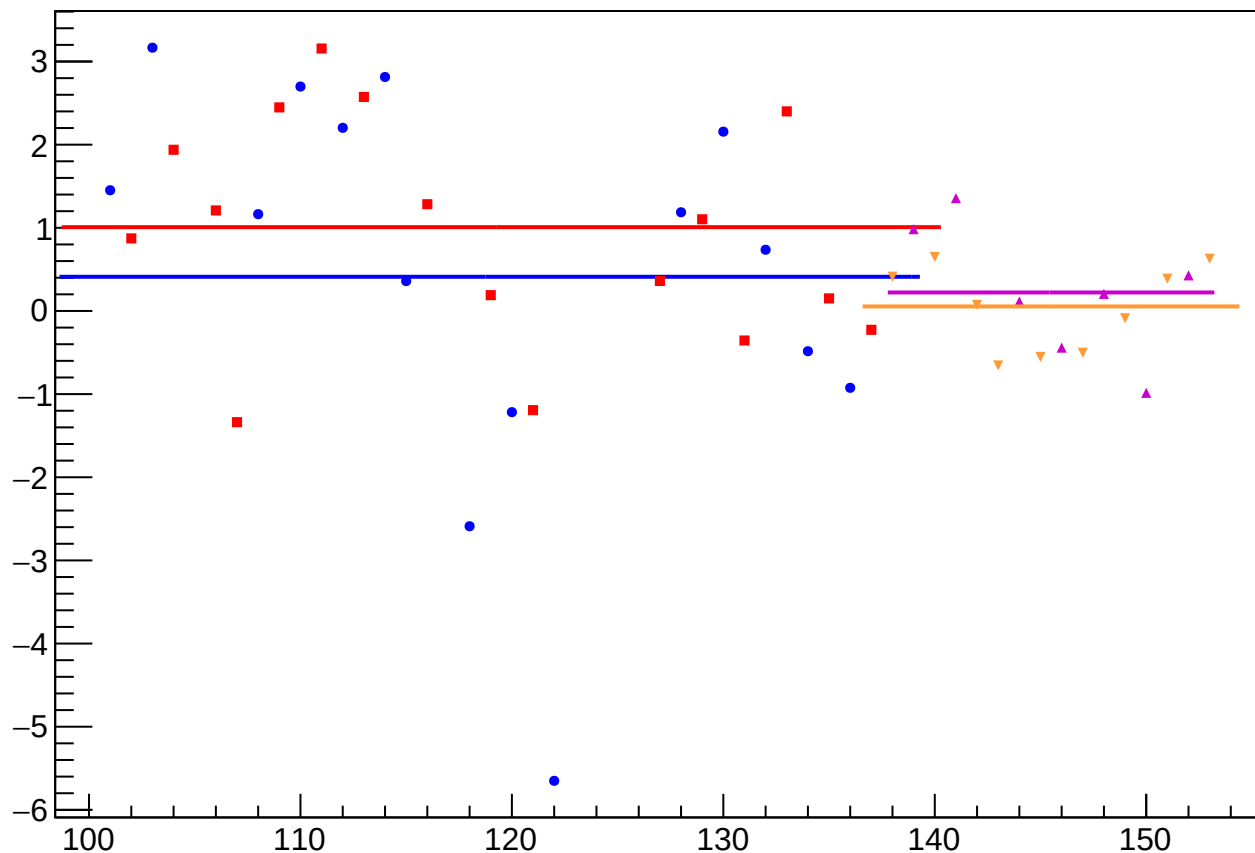
Left In: 1211.328 +/- 0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6

+ sign 1078.300 +/- 0.000 χ^2/NDF : 84251540570425

All: 1075.346 +/- 0.000 χ^2/NDF : 1880228973

- sign 1072.252 +/- 0.000 χ^2/NDF : 10374764725485

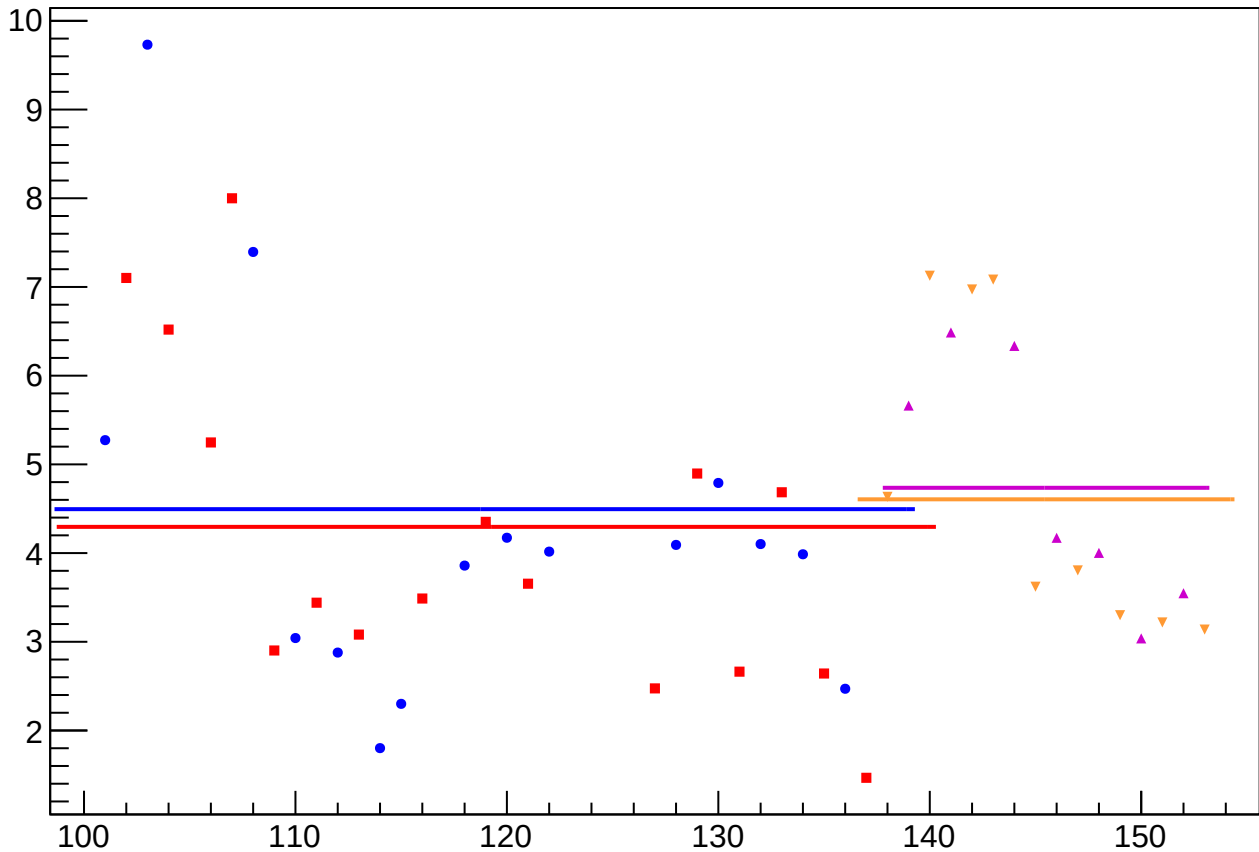
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: 0.054+/-0.000	χ^2/NDF : 165230170065722829495296443023360.0/8
Right Out: 1.008+/-0.000	χ^2/NDF : 1128402228144096394498047410700288.0/15
Left In: 0.222+/-0.000	χ^2/NDF : 330176704359855280549394055692288.0/6

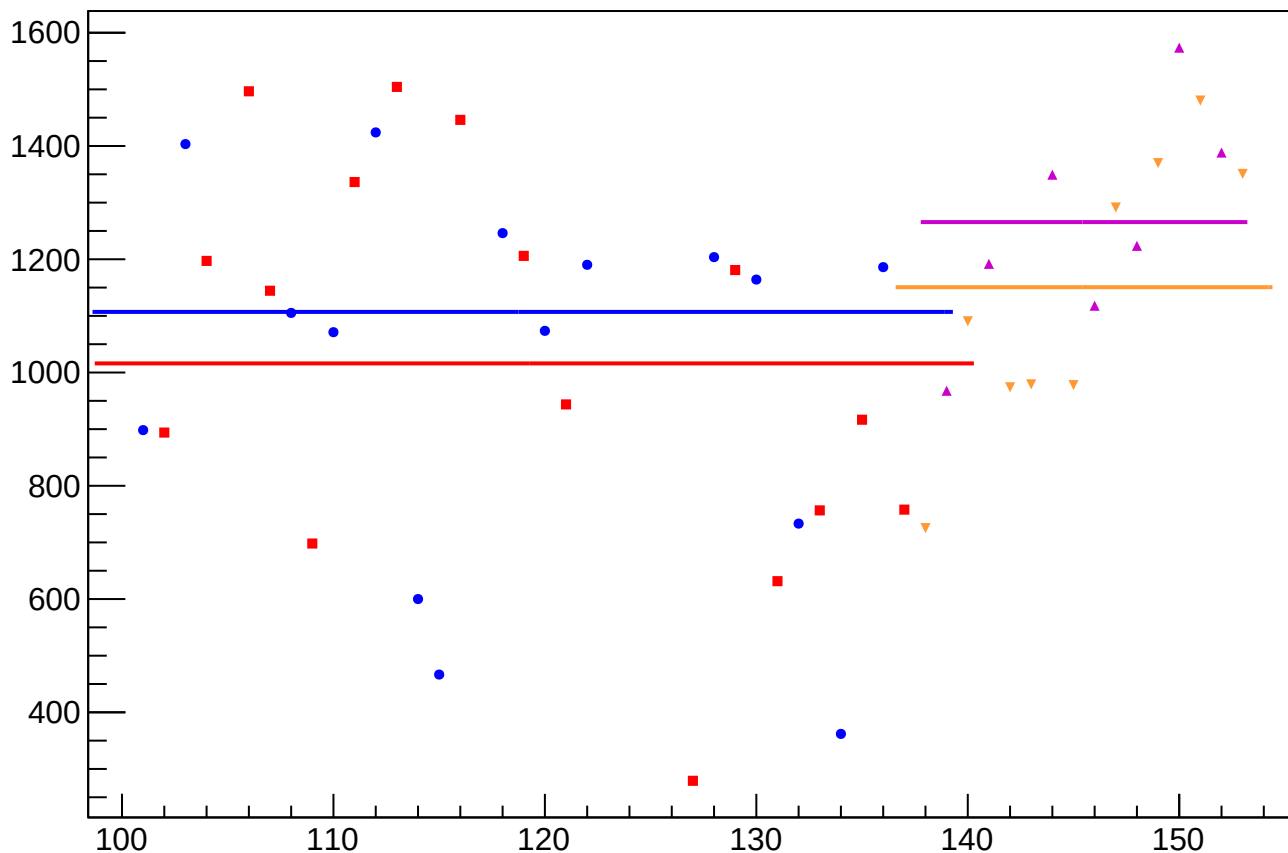
+ sign 0.229+/-0.000 χ^2/NDF : 35930060663557816
 All: 0.428+/-0.000 χ^2/NDF : 53537695820012
 - sign 0.636+/-0.000 χ^2/NDF : 16533994149055760

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.606 ± 0.000 χ^2/NDF : 1793274864568106965900885183430656.0/8
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.736 ± 0.000 χ^2/NDF : 1014710911248110557283867359707136.0/6

dit_4aX_coil4_Ndata_mean vs Slug



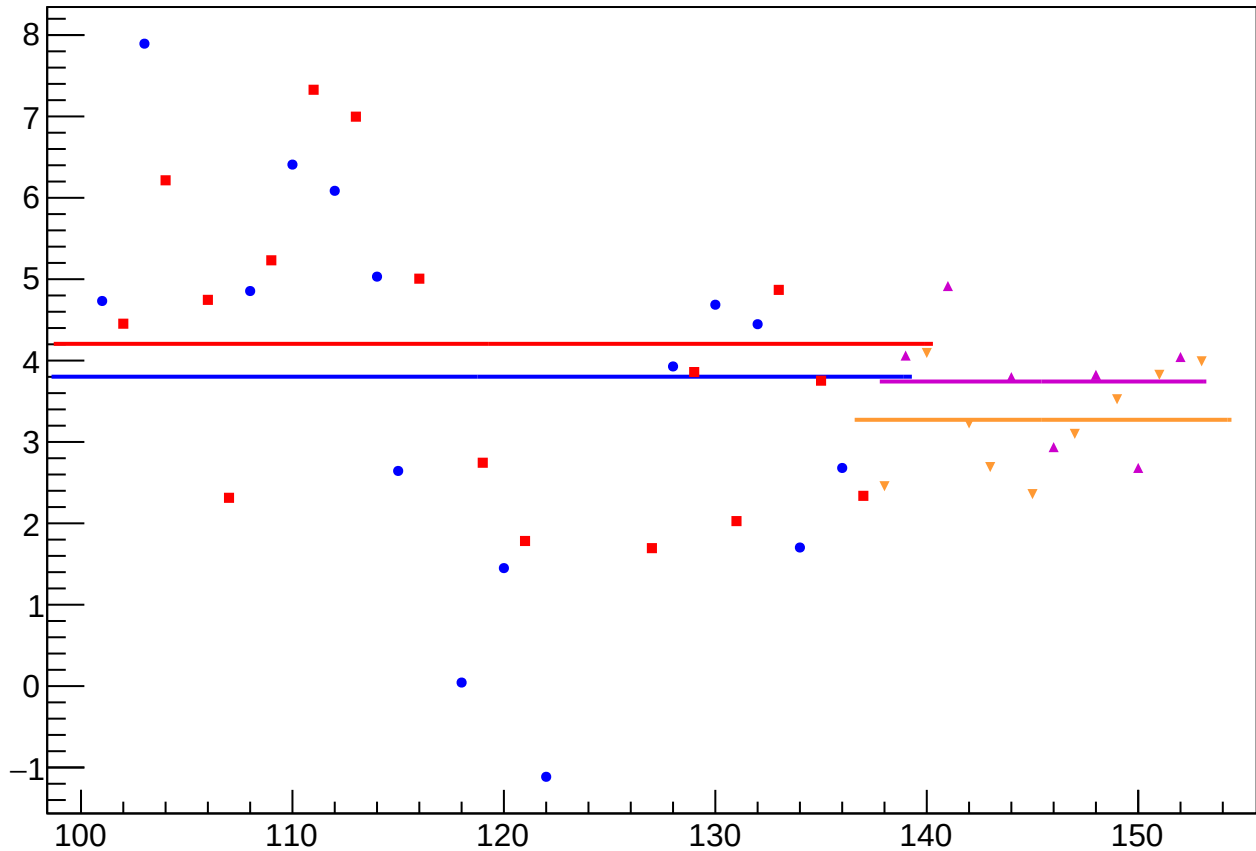
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

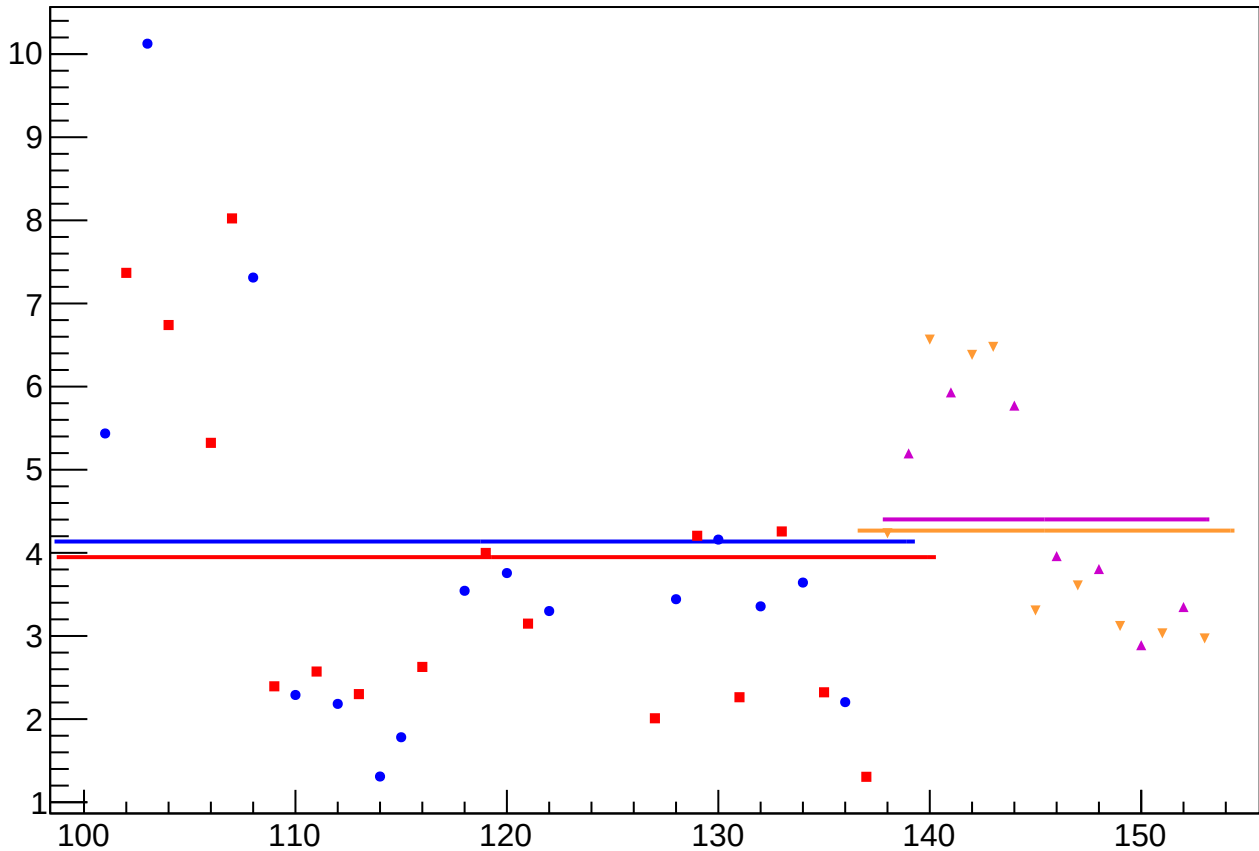
Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.272+/-0.000 χ^2/NDF : 272592887105546582281117333716992.0/8
 Right Out: 4.206+/-0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: 3.743+/-0.000 χ^2/NDF : 290480987979103116218697116549120.0/6

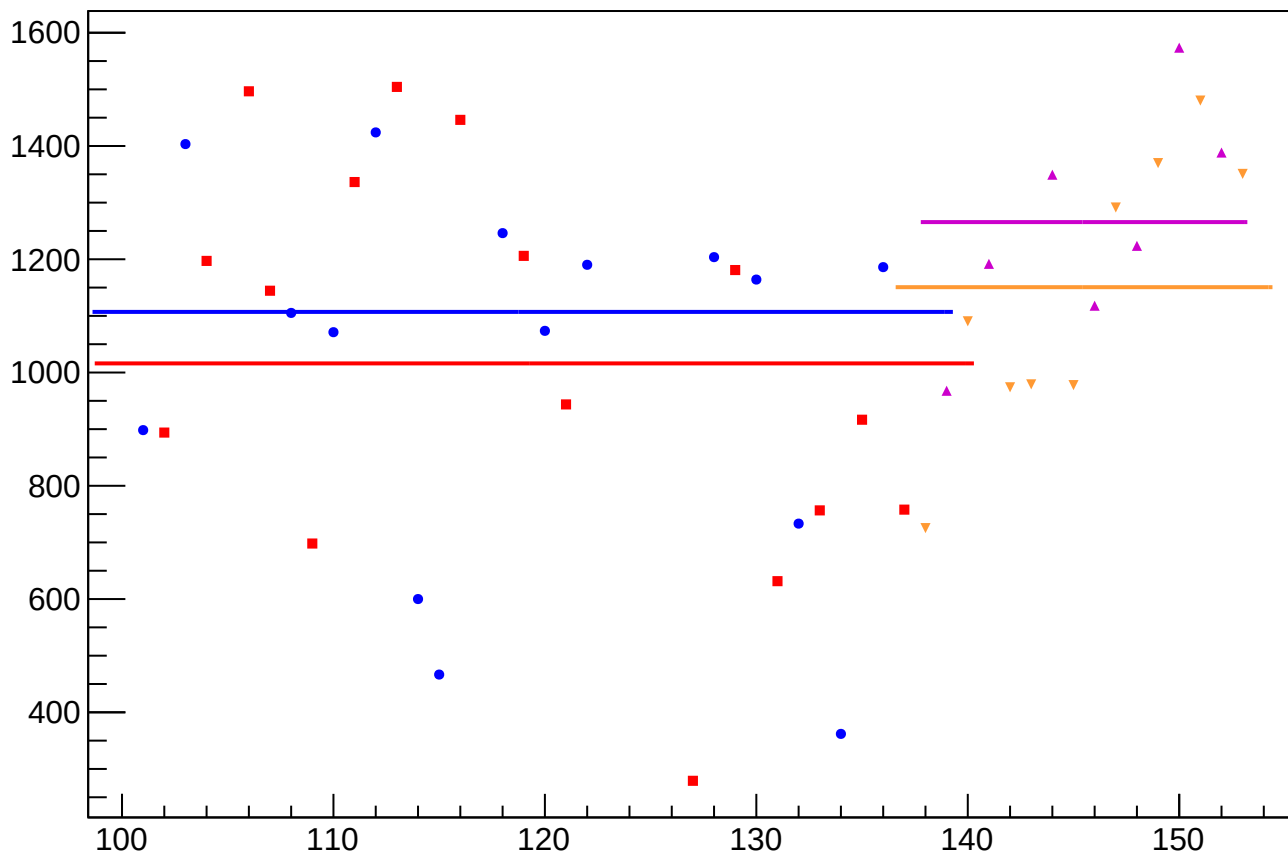
dit_4eX_coil4_err_mean vs Slug



Right In: 4.136 $\pm$ 0.000	χ^2 /NDF: 3507600624388663919898505496231936.0/14
Left Out: 4.268 $\pm$ 0.000	χ^2 /NDF: 1445912316048436245313571229007872.0/8
Right Out: 3.948 $\pm$ 0.000	χ^2 /NDF: 2670176783942302028345551100051456.0/15
Left In: 4.402 $\pm$ 0.000	χ^2 /NDF: 767562234556621489129512419459072.0/6

+ sign 4.203 $\pm$ 0.000 χ^2 /NDF: 49592317072770386
 All: 4.184 $\pm$ 0.000 χ^2 /NDF: 84630666087860
 - sign 4.163 $\pm$ 0.000 χ^2 /NDF: 35027880759943268

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

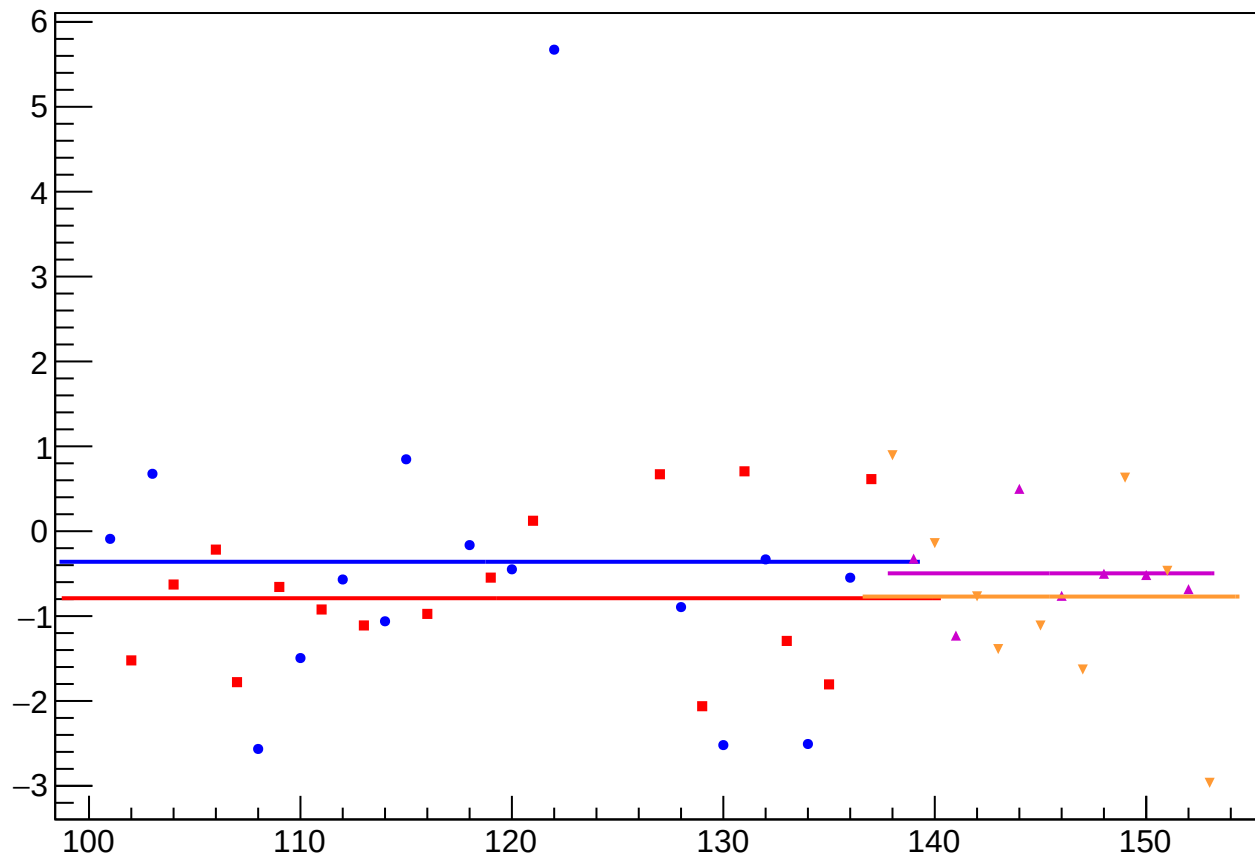
Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

+ sign 1129.352 $\pm$ 0.000 χ^2 /NDF: 78852412388521

All: 1131.755 $\pm$ 0.000 χ^2 /NDF: 1912734306

- sign 1134.272 $\pm$ 0.000 χ^2 /NDF: 11240532642915

dit_11X12X_coil4_mean vs Slug



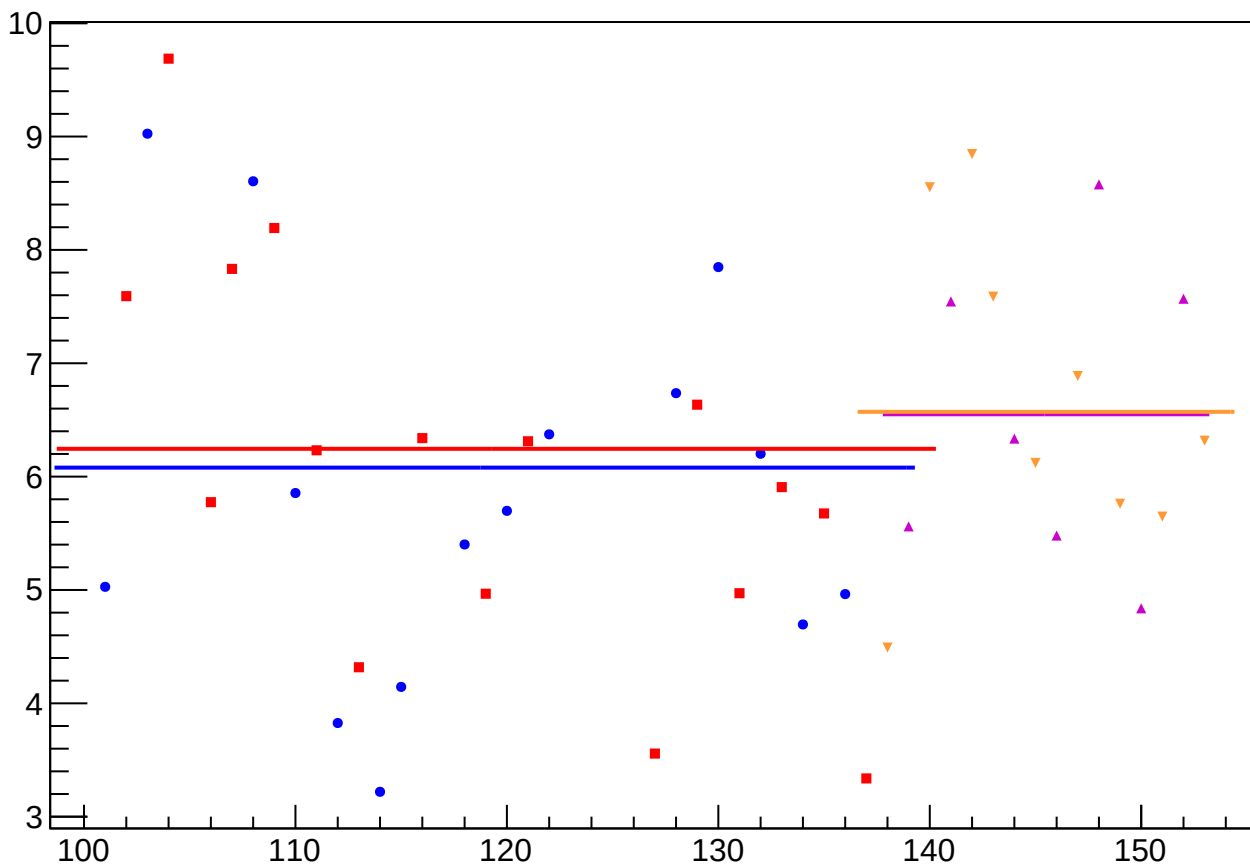
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.770 ± 0.000 χ^2/NDF : 922490962945590093466545063723008.0/8

Right Out: -0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.496 ± 0.000 χ^2/NDF : 145232068233053201988770540290048.0/6

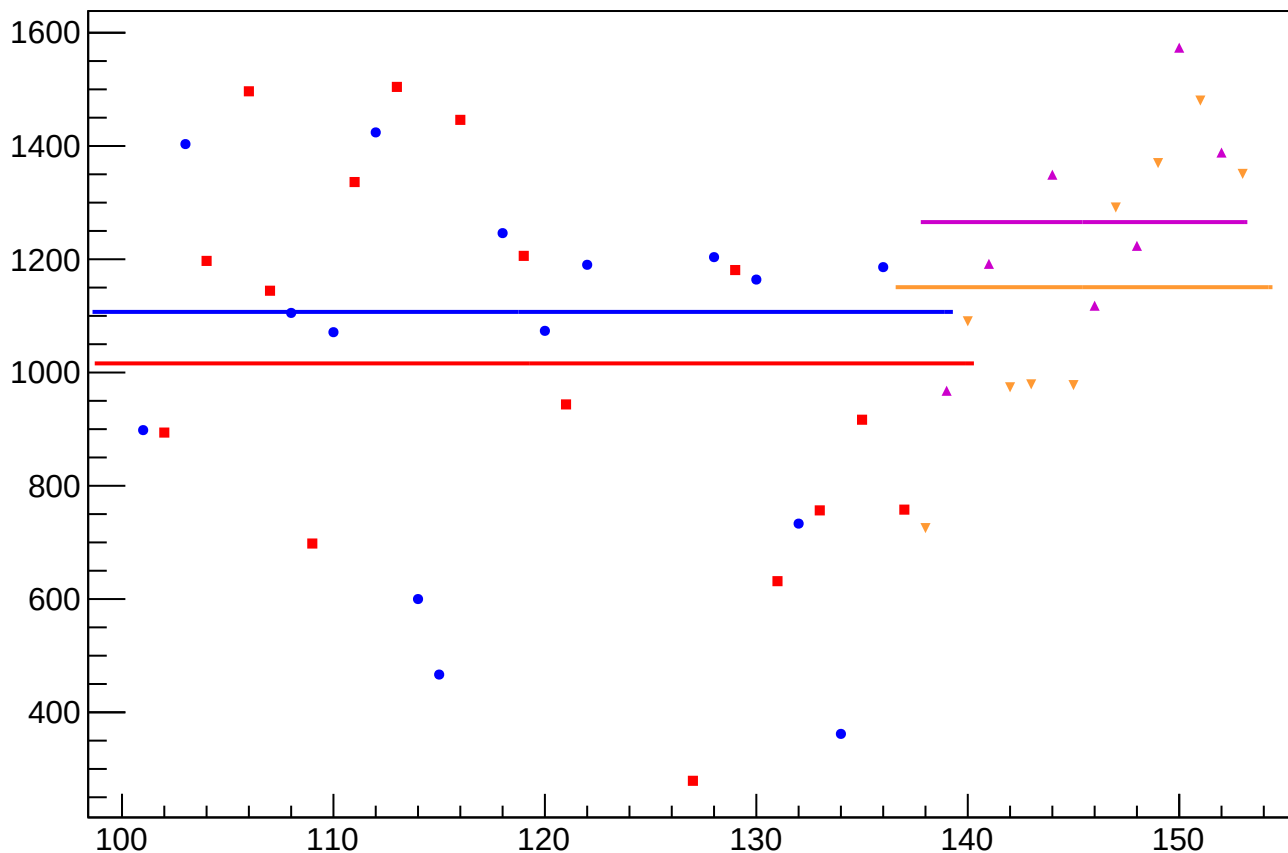
dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14
Left Out: 6.572+/-0.000	χ^2/NDF : 1116911232073825158030979072262144.0/8
Right Out: 6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15
Left In: 6.550+/-0.000	χ^2/NDF : 964983791940579311085832659533824.0/6

+ sign 6.331+/-0.000 χ^2/NDF : 27875591386803325
 All: 6.360+/-0.000 χ^2/NDF : 56005556865621
 - sign 6.390+/-0.000 χ^2/NDF : 28107730444657140

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF : 37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

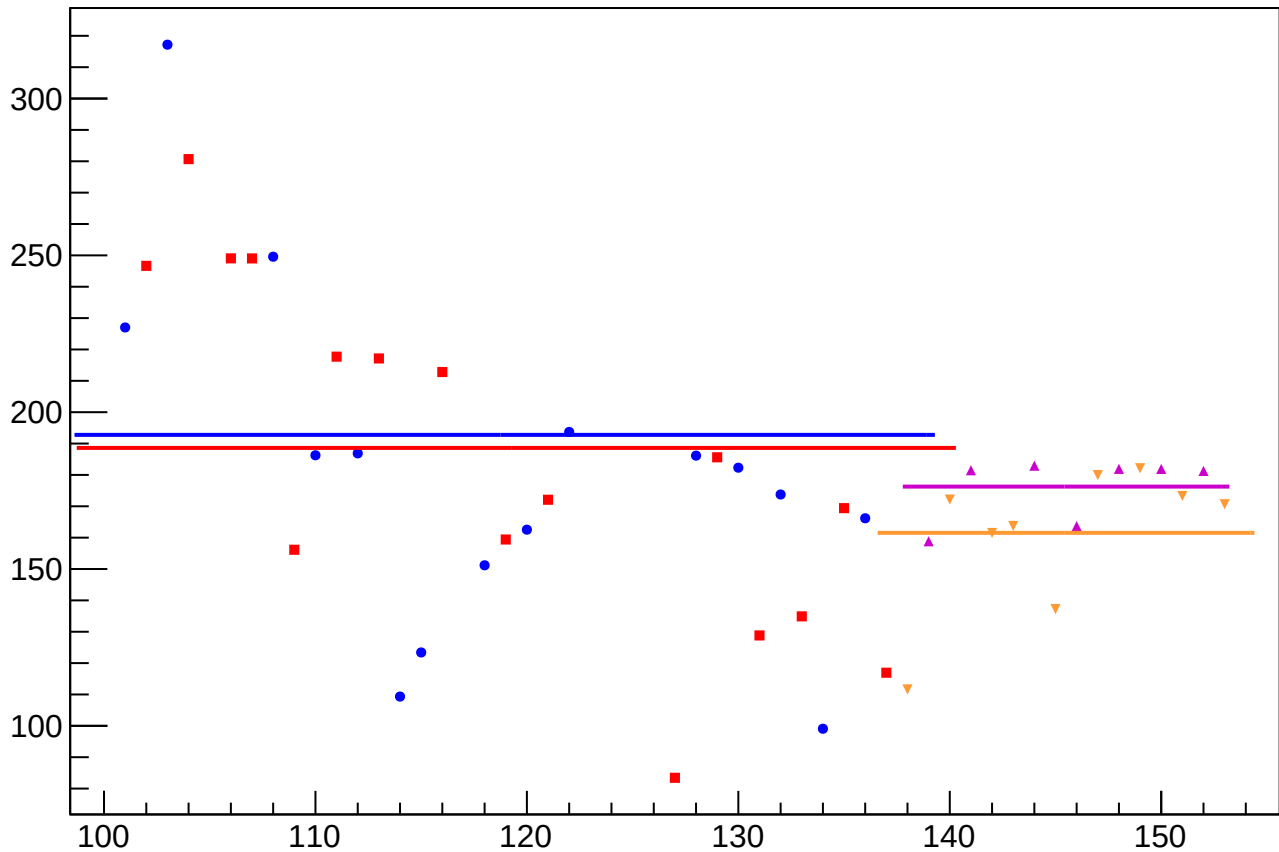
Left In: 1265.633+/-0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6

+ sign 1129.352+/-0.000 χ^2/NDF : 78852412388521

All: 1131.755+/-0.000 χ^2/NDF : 1912734306

- sign 1134.272+/-0.000 χ^2/NDF : 11240532642915

dit_4aY_coil4_mean vs Slug



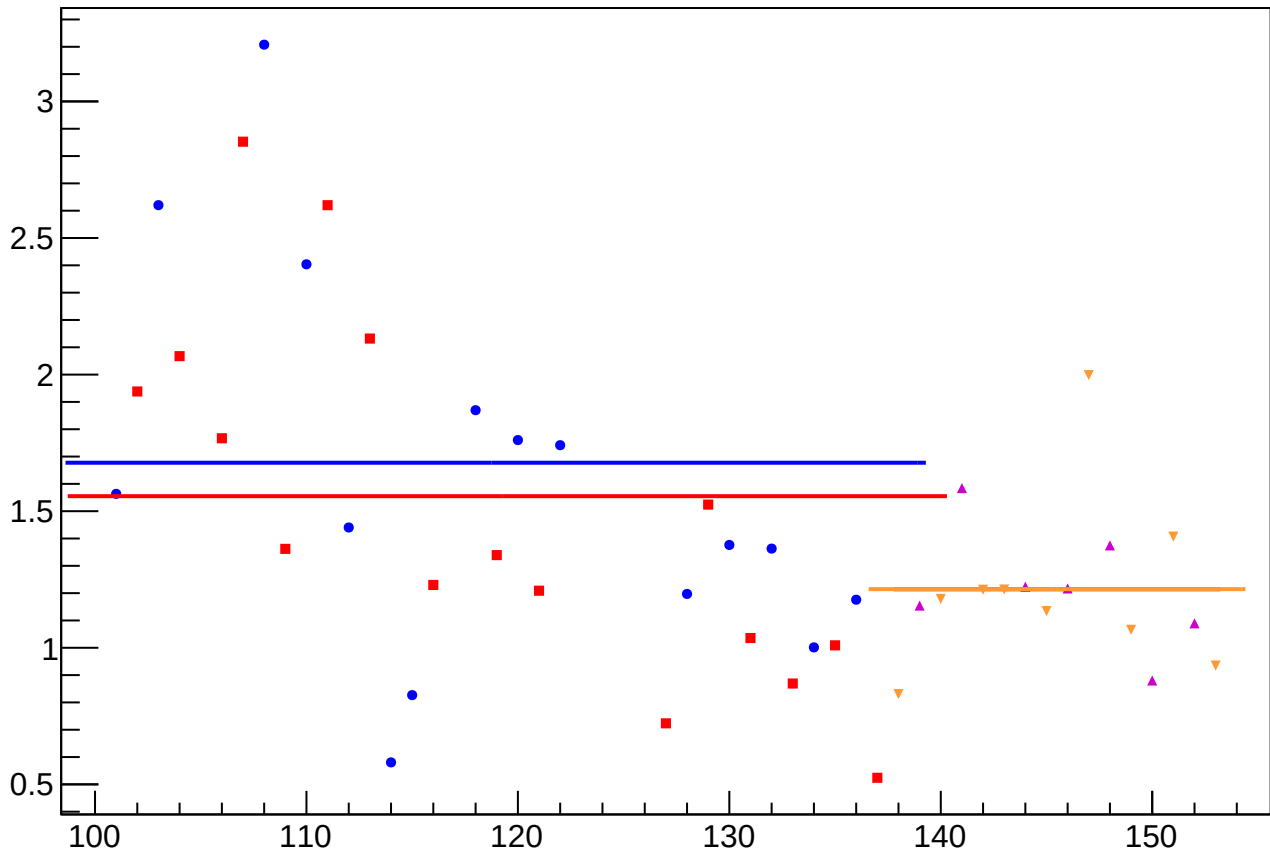
Right In: 192.771+/-0.000	χ^2/NDF : 1640576279746948433391816936236515328.0/14
Left Out: 161.532+/-0.000	χ^2/NDF : 331635813927622035664459940711366656.0/8
Right Out: 188.612+/-0.000	χ^2/NDF : 1922342257287674563344204730019610624.0/15
Left In: 176.280+/-0.000	χ^2/NDF : 51765712365263659624092752811130880.0/6

+ sign 176.810+/-0.000 χ^2/NDF : 229580020297365

All: 179.722+/-0.000 χ^2/NDF : 434097973876

- sign 182.772+/-0.000 χ^2/NDF : 202214315267369

dit_4aY_coil4_err_mean vs Slug



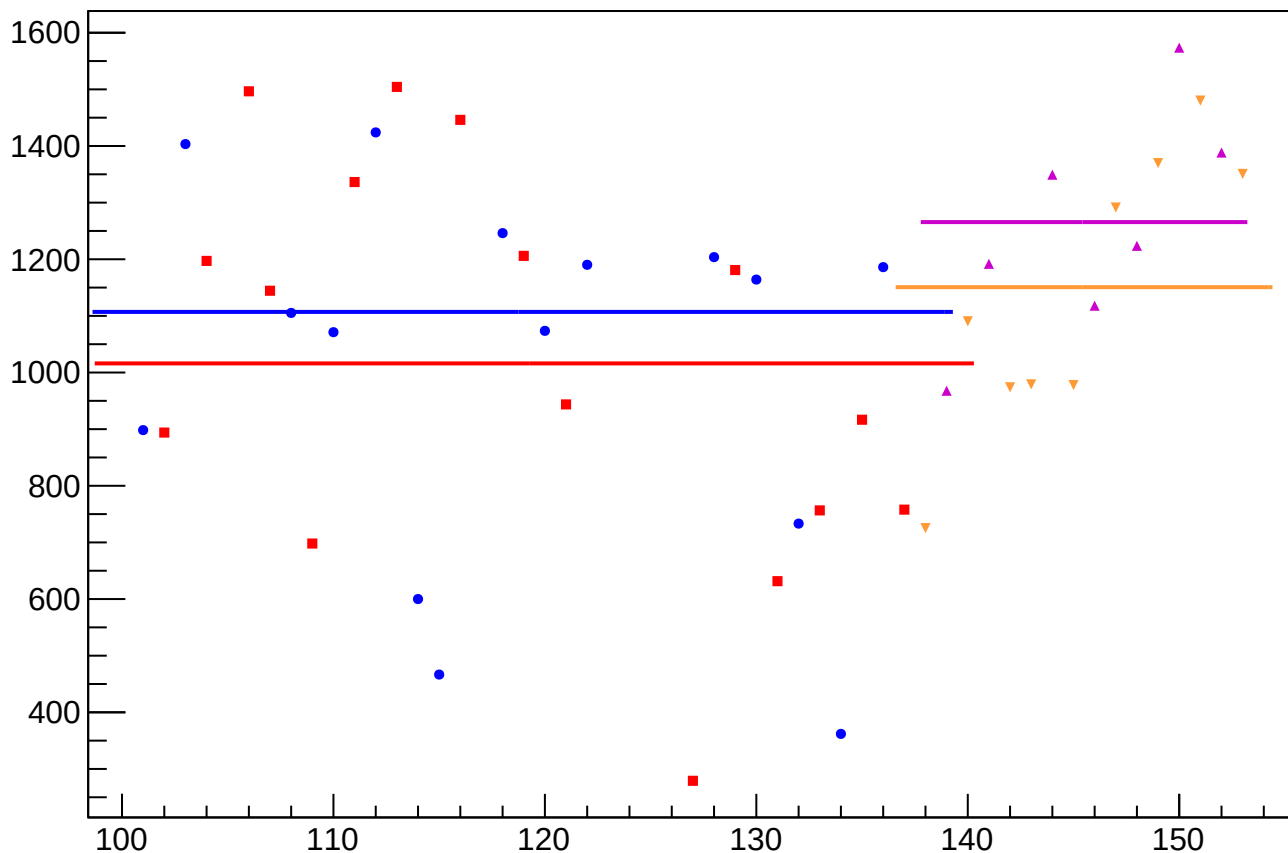
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.215 $\pm$ 0.000 χ^2 /NDF: 71399936940599443410344363425792.0/8

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

Left In: 1.214 $\pm$ 0.000 χ^2 /NDF: 25625170464848923079466979164160.0/6

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

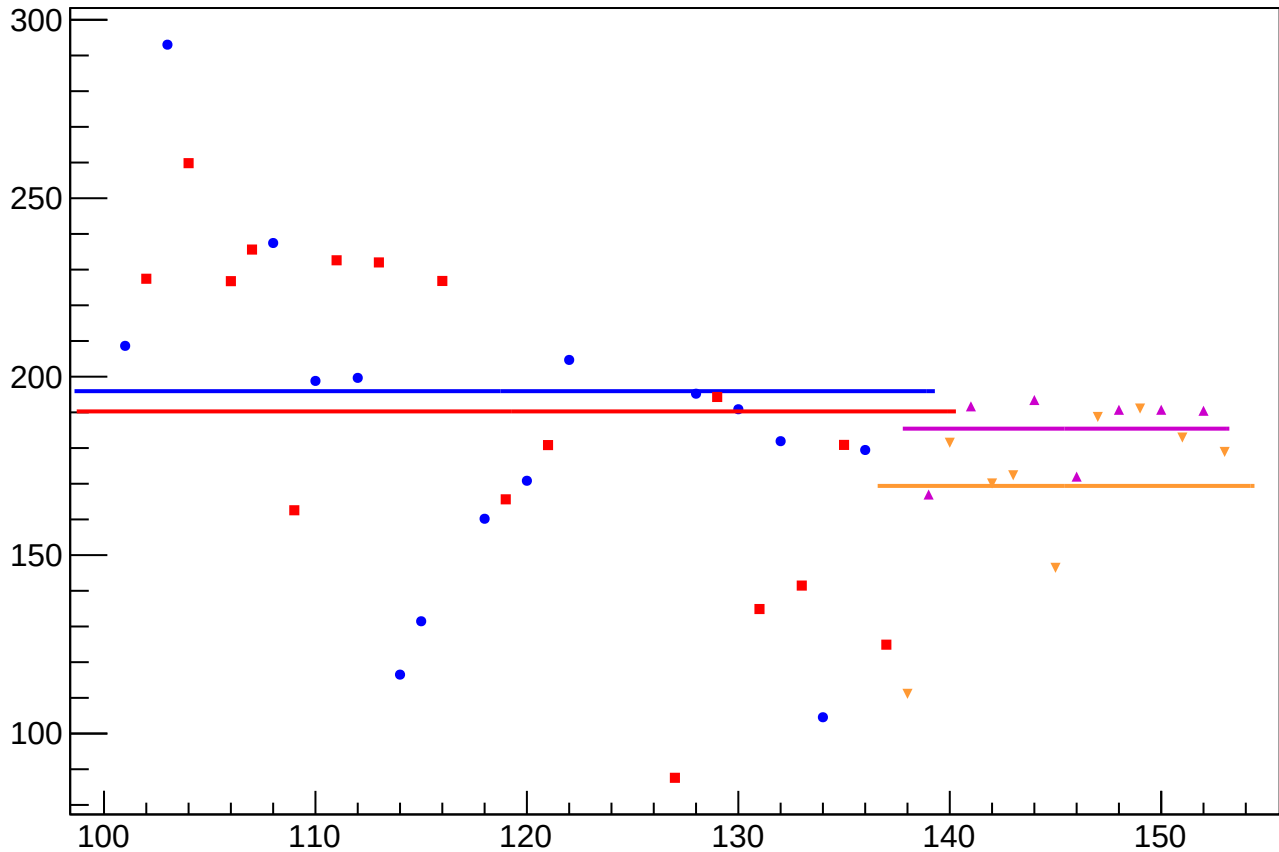
Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

+ sign 1129.352 $\pm$ 0.000 χ^2 /NDF: 78852412388521

All: 1131.755 $\pm$ 0.000 χ^2 /NDF: 1912734306

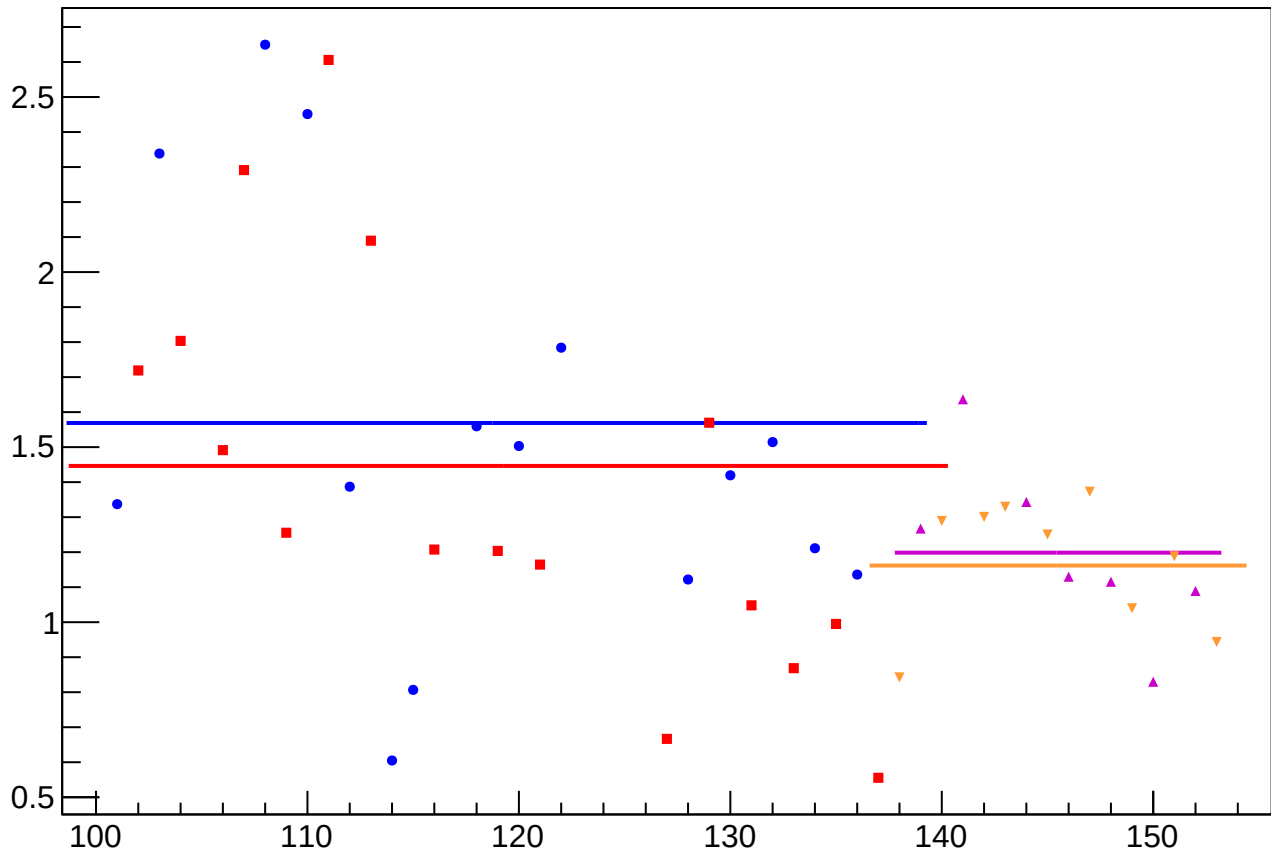
- sign 1134.272 $\pm$ 0.000 χ^2 /NDF: 11240532642915

dit_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14
 Left Out: 169.393 $\pm$ 0.000 χ^2 /NDF: 410492429792821430733208469970616320.0/8
 Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15
 Left In: 185.435 $\pm$ 0.000 χ^2 /NDF: 58734602183335950935843151598845952.0/6

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.162+/-0.000 χ^2/NDF : 21528936917662522082189761314816.0/8

Right Out: 1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

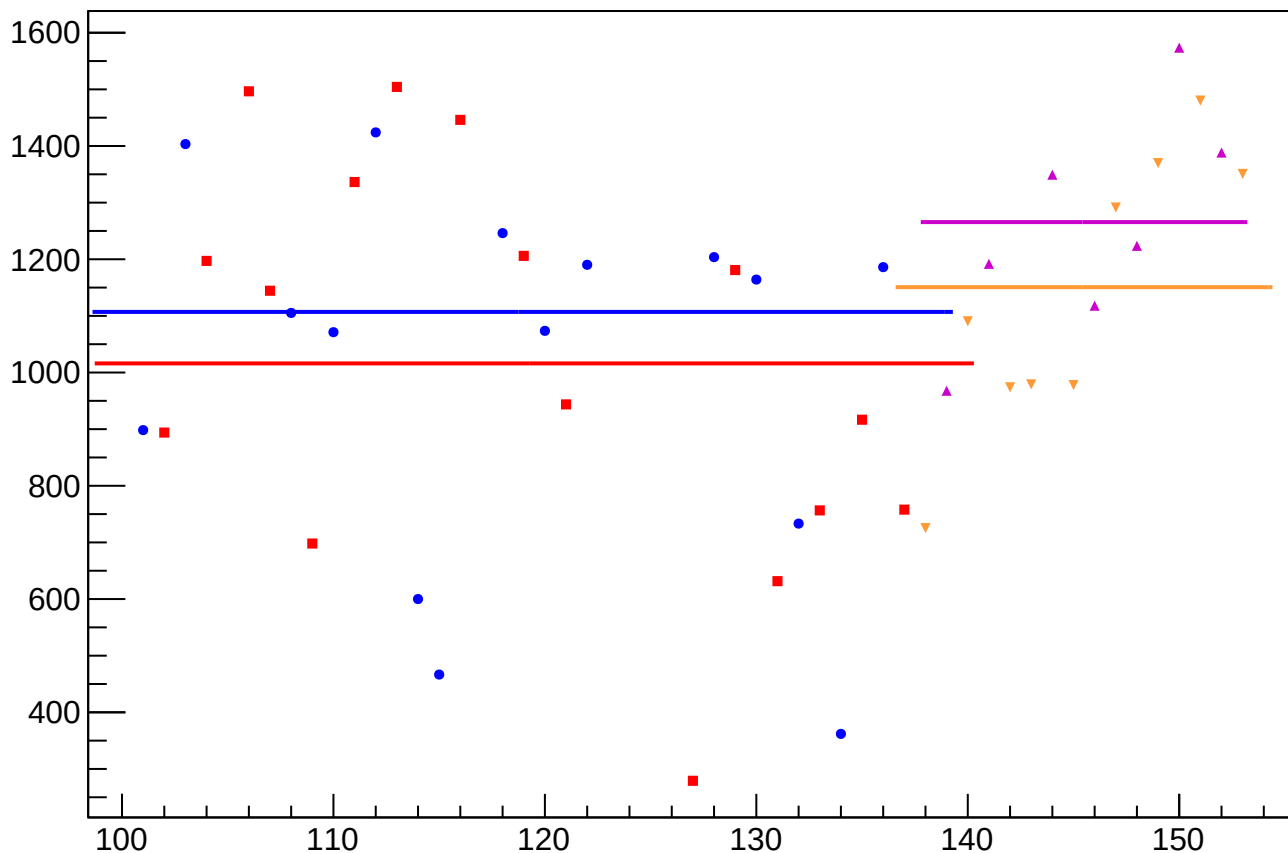
Left In: 1.199+/-0.000 χ^2/NDF : 32948014681831749804964448305152.0/6

+ sign 1.361+/-0.000 χ^2/NDF : 23935404247626179

All: 1.345+/-0.000 χ^2/NDF : 48865607668299

- sign 1.329+/-0.000 χ^2/NDF : 24863930923724892

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

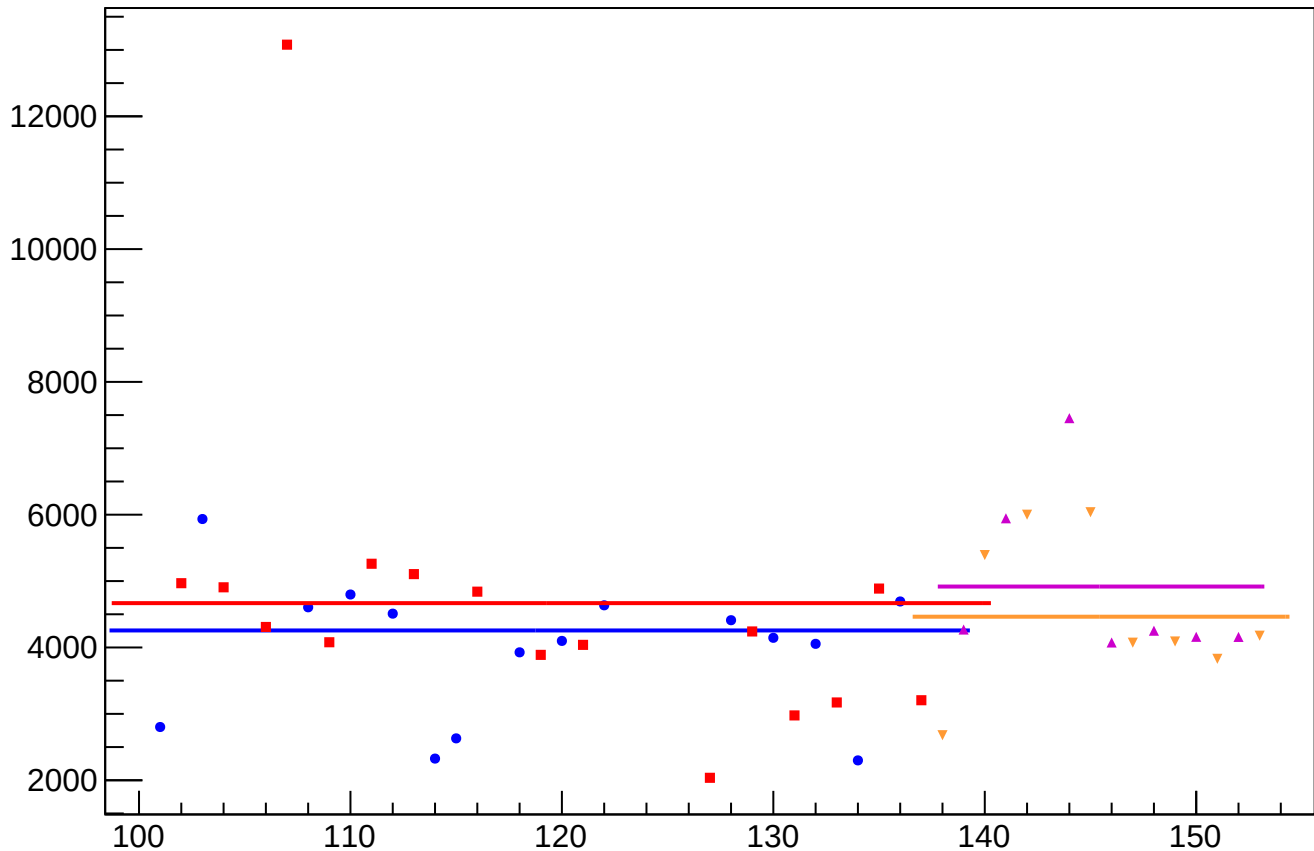
Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

+ sign 1129.352 $\pm$ 0.000 χ^2 /NDF: 78852412388521

All: 1131.755 $\pm$ 0.000 χ^2 /NDF: 1912734306

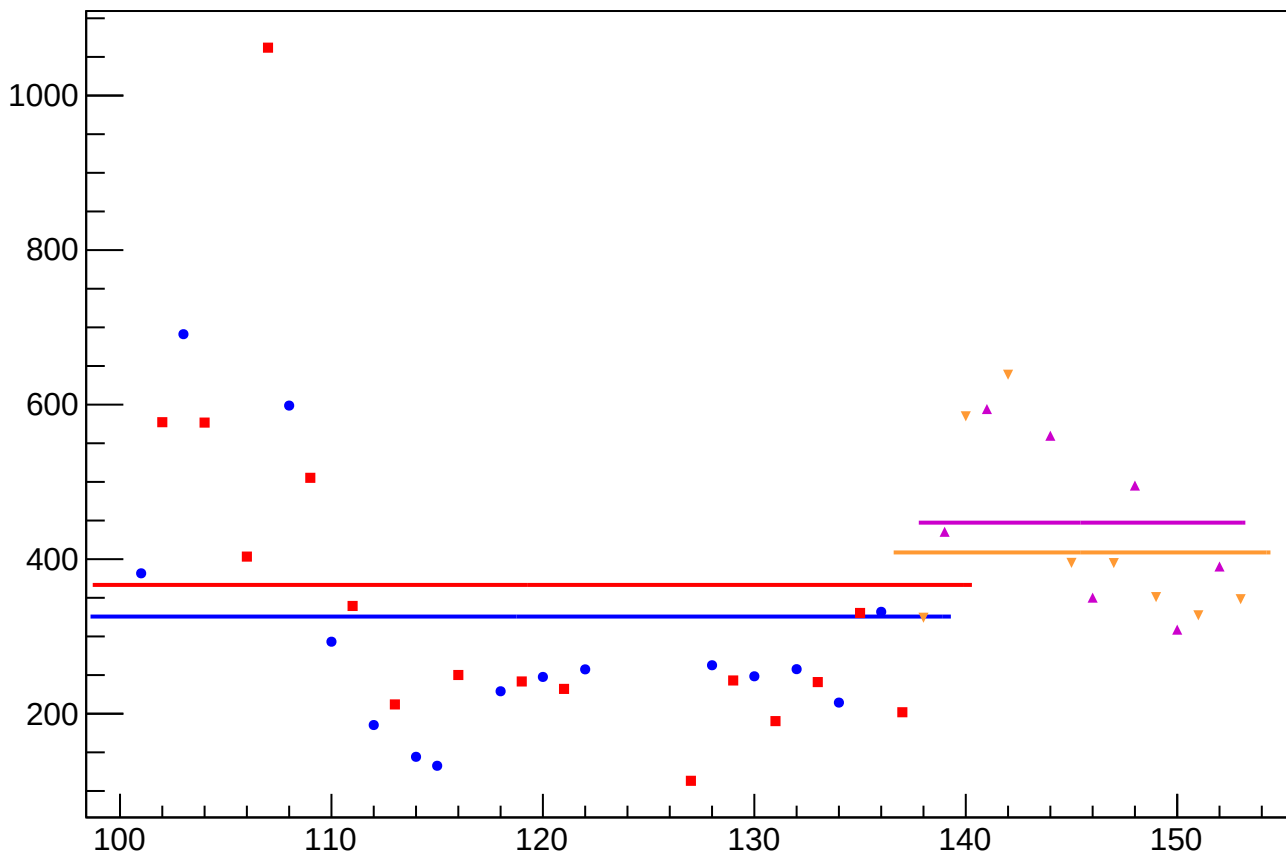
- sign 1134.272 $\pm$ 0.000 χ^2 /NDF: 11240532642915

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4463.458+/-0.000 χ^2/NDF : 689856772555163851059317999189132050432.0/7
 Right Out: 4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: 4917.695+/-0.000 χ^2/NDF : 894630324967784268514278837671130300416.0/6

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 408.710+/-0.000 χ^2/NDF : 6666413512488486216350839514448527360.0/7

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

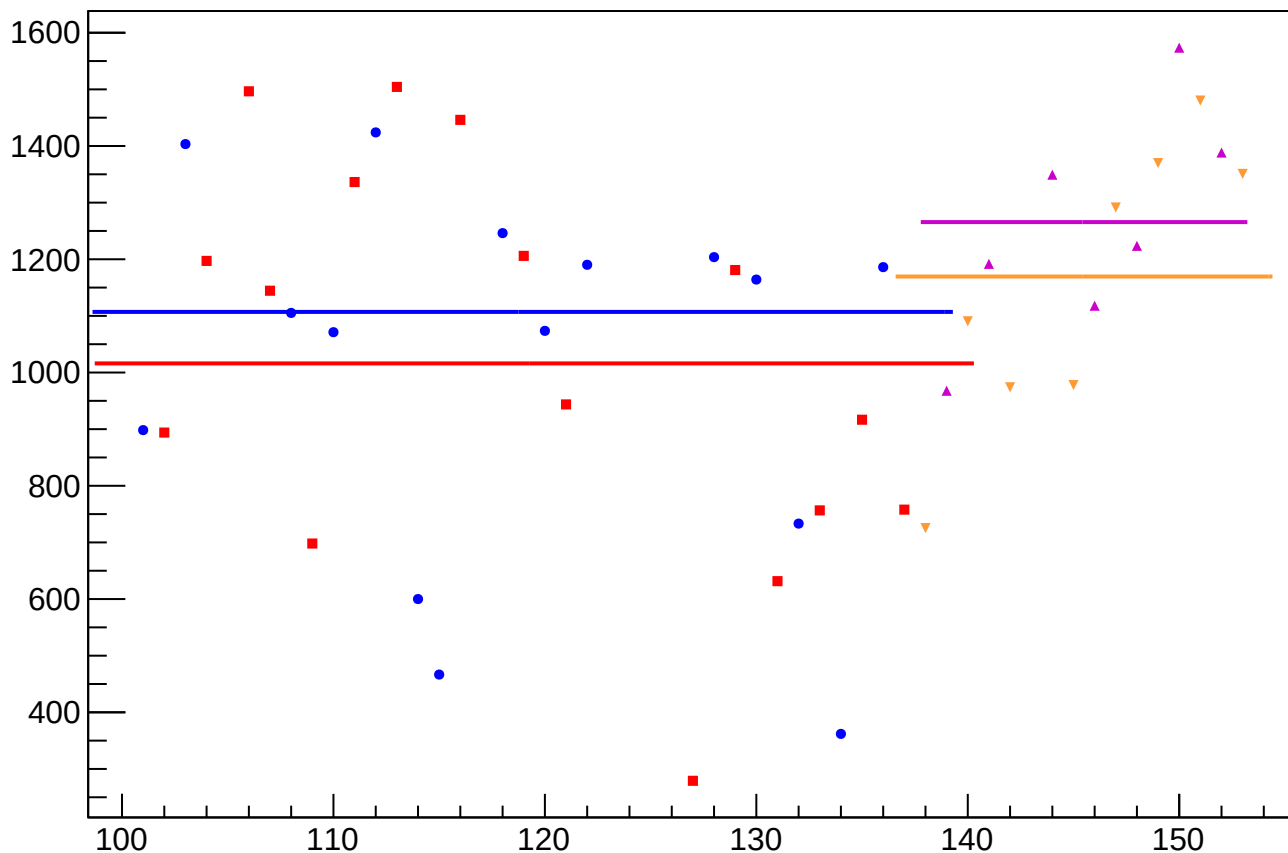
Left In: 447.265+/-0.000 χ^2/NDF : 5974986934000238832215038490147028992.0/6

+ sign 365.970+/-0.000 χ^2/NDF : 234667086269948

- sign 404.843+/-0.000 χ^2/NDF : 401233087762148

All: 385.460+/-0.000 χ^2/NDF : 645446552118

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

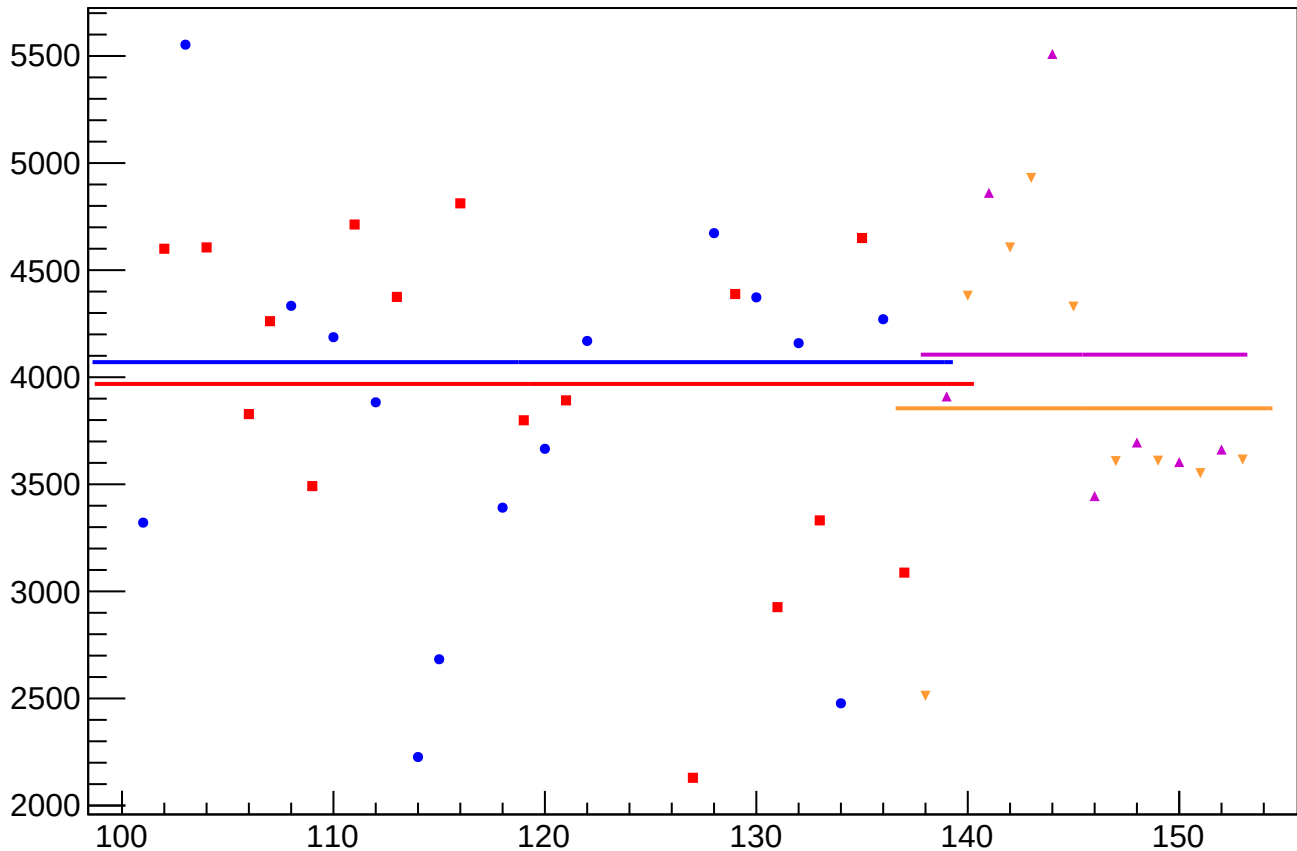
Left Out: 1169.514+/-0.000 χ^2/NDF : 35397841067317379112874814361412042752.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1265.633+/-0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6

All: 1135.803+/-0.000 χ^2/NDF : 18967078583

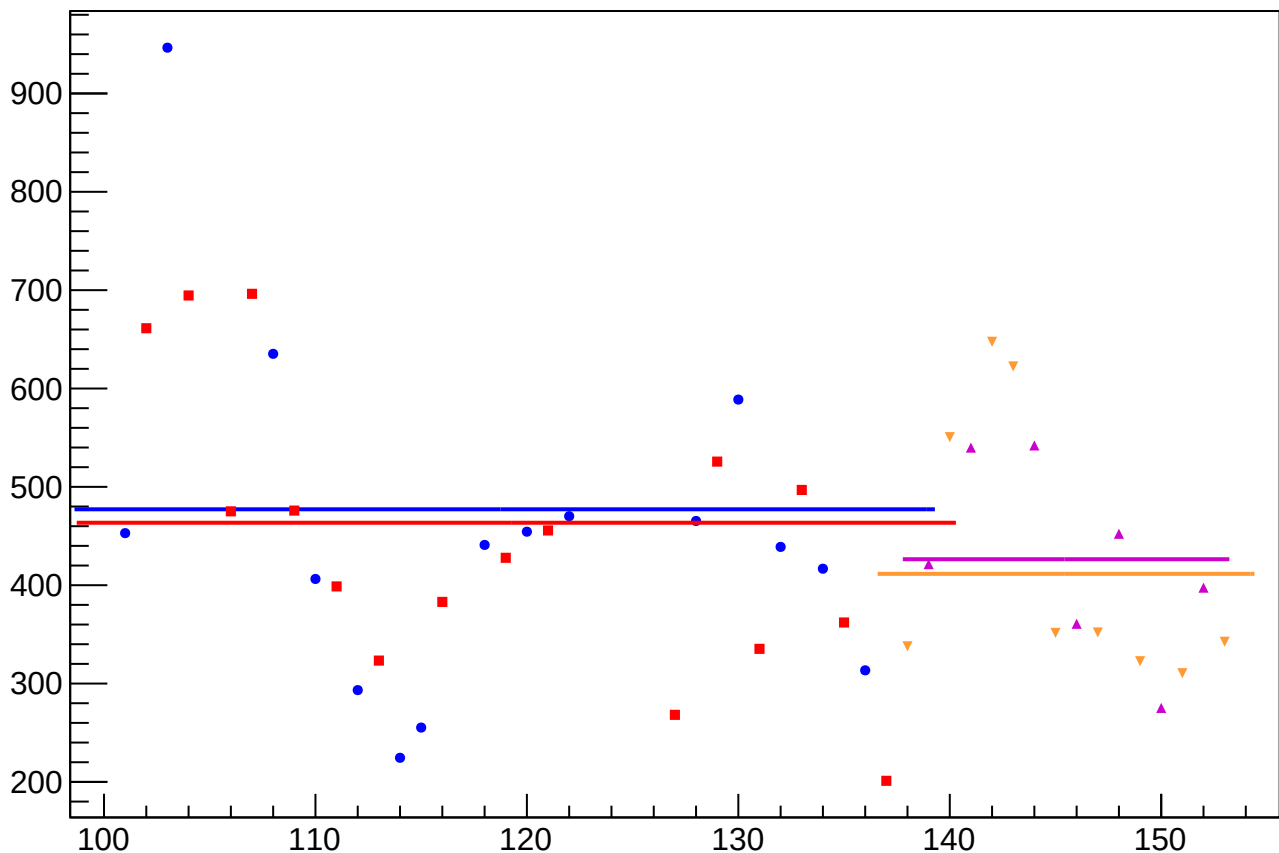
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3854.826+/-0.000	χ^2/NDF : 306654991046223050636484955666496094208.0/8
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 4105.407+/-0.000	χ^2/NDF : 31739746182680353027403421022448312320.0/6

+ sign 3960.279+/-0.000 χ^2/NDF : 66535284696428.0/8
 All: 3996.019+/-0.000 χ^2/NDF : 13520776465.0/14
 - sign 4033.451+/-0.000 χ^2/NDF : 68325449971318.0/14

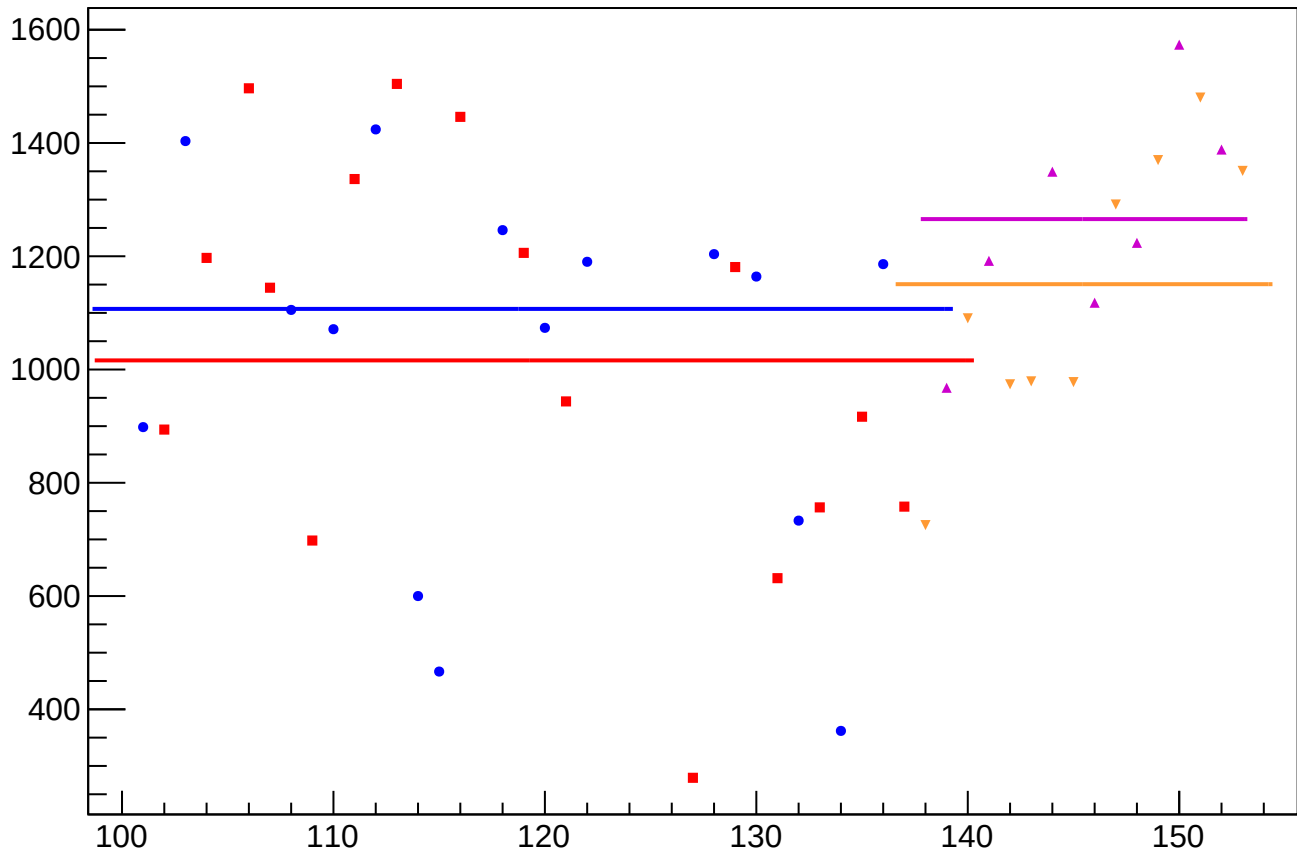
dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000	χ^2/NDF : 20455719931758379978892605184974782464.0/14
Left Out: 411.562+/-0.000	χ^2/NDF : 9971631271693083015983510616314740736.0/8
Right Out: 463.513+/-0.000	χ^2/NDF : 12556777931069903370031832388184571904.0/15
Left In: 426.416+/-0.000	χ^2/NDF : 4854144384091912940948249854768840704.0/6

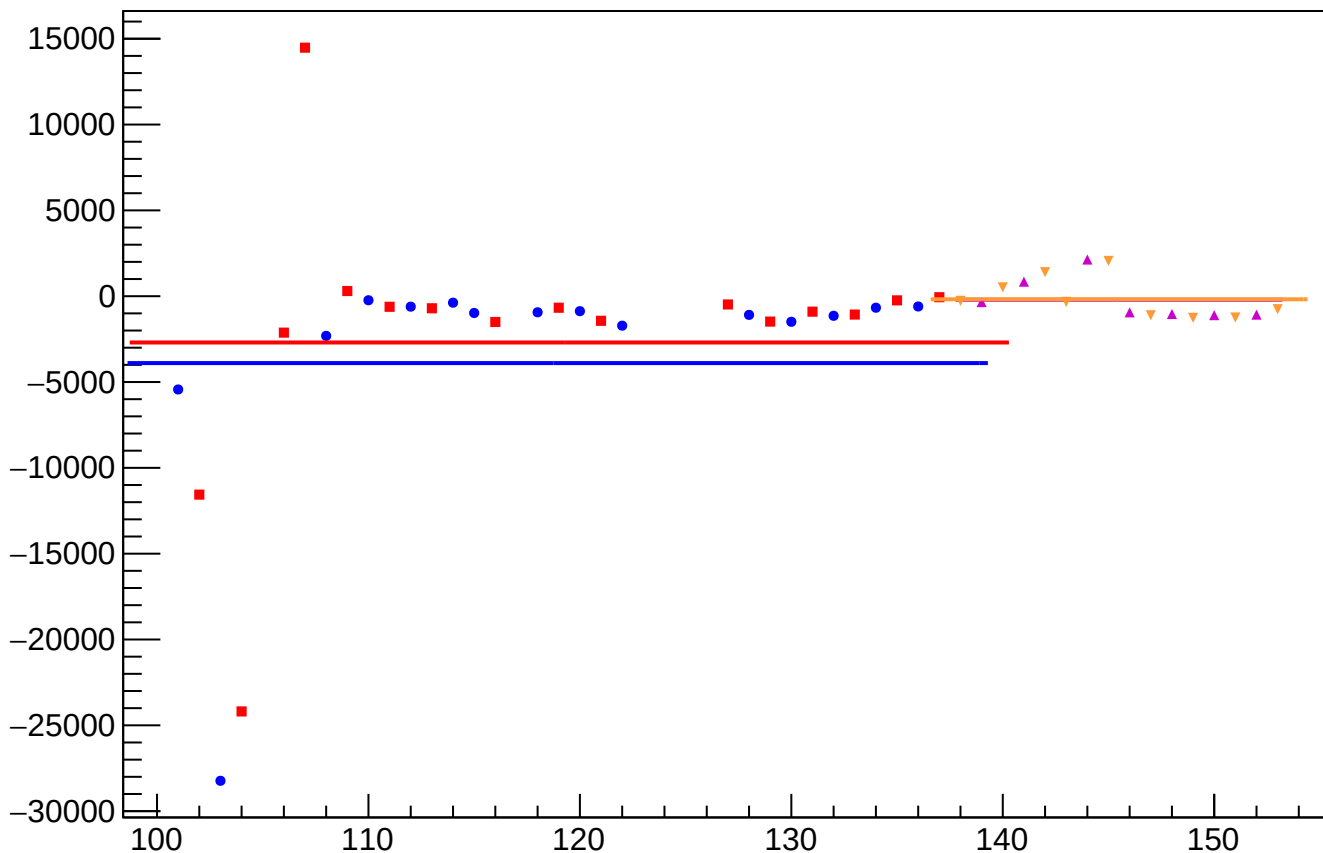
+ sign 443.657+/-0.000 χ^2/NDF : 318553575100269
 All: 444.775+/-0.000 χ^2/NDF : 497043522562
 - sign 445.945+/-0.000 χ^2/NDF : 178456023512914

dit_usr_coil4_Ndata_mean vs Slug



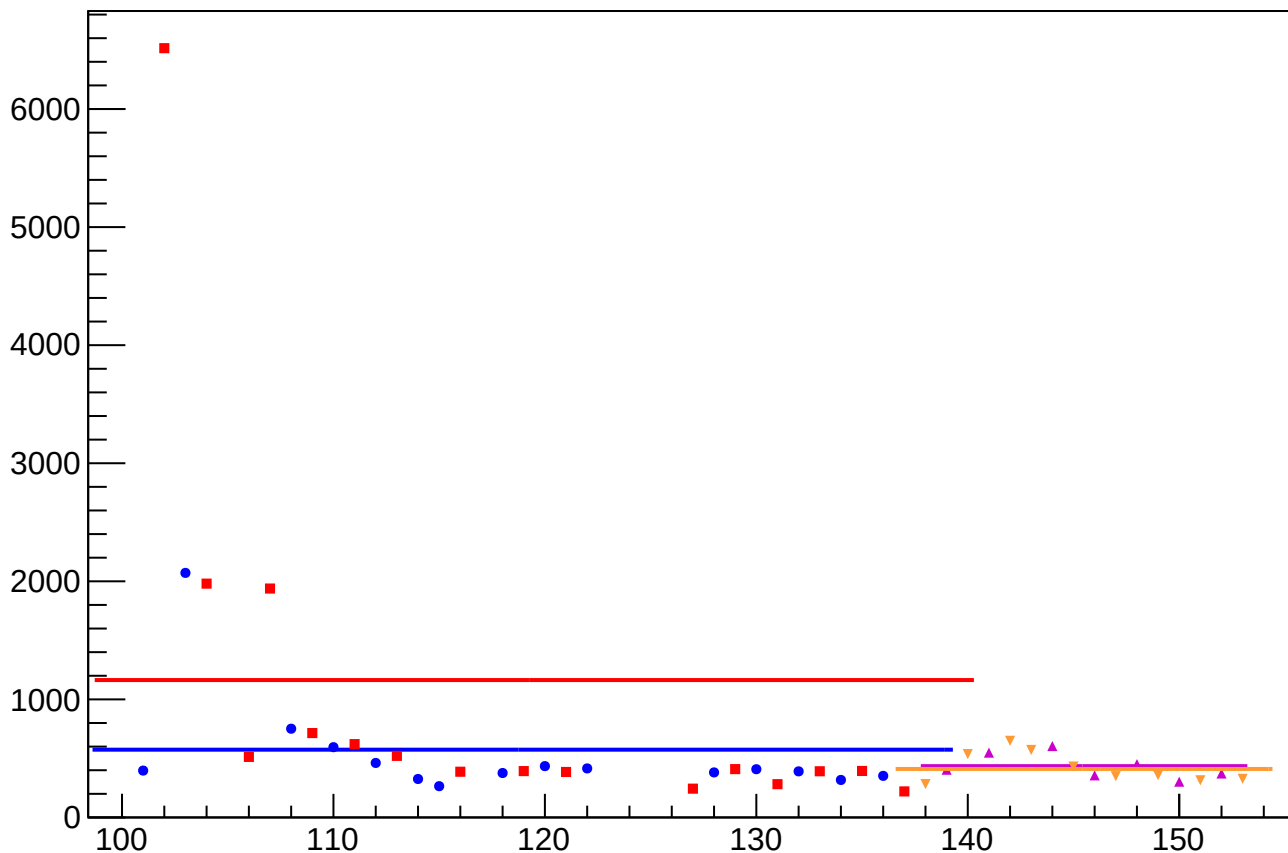
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -179.831+/-0.000 χ^2/NDF : 842699252860840434657692527000750653440.0/8
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -207.524+/-0.000 χ^2/NDF : 825989149750309477810360651995653603328.0/6

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 410.817+/-0.000 χ^2/NDF : 8789600792330653624781750876827025408.0/8

Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

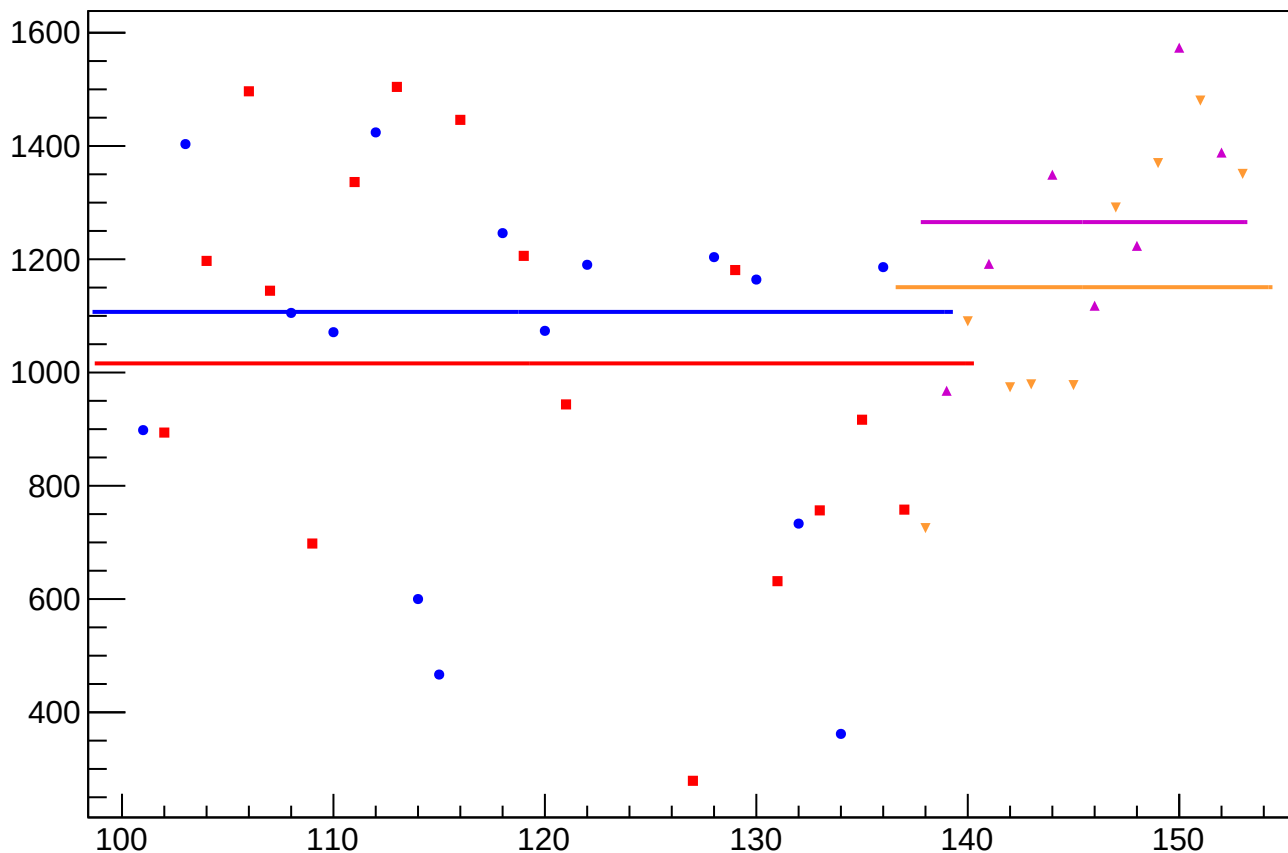
Left In: 434.586+/-0.000 χ^2/NDF : 6205772859922282170141807022341881856.0/6

+ sign 490.653+/-0.000 χ^2/NDF : 169730645866216

All: 650.745+/-0.000 χ^2/NDF : 241667670562

- sign 818.419+/-0.000 χ^2/NDF : 217731438342143

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF : 37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

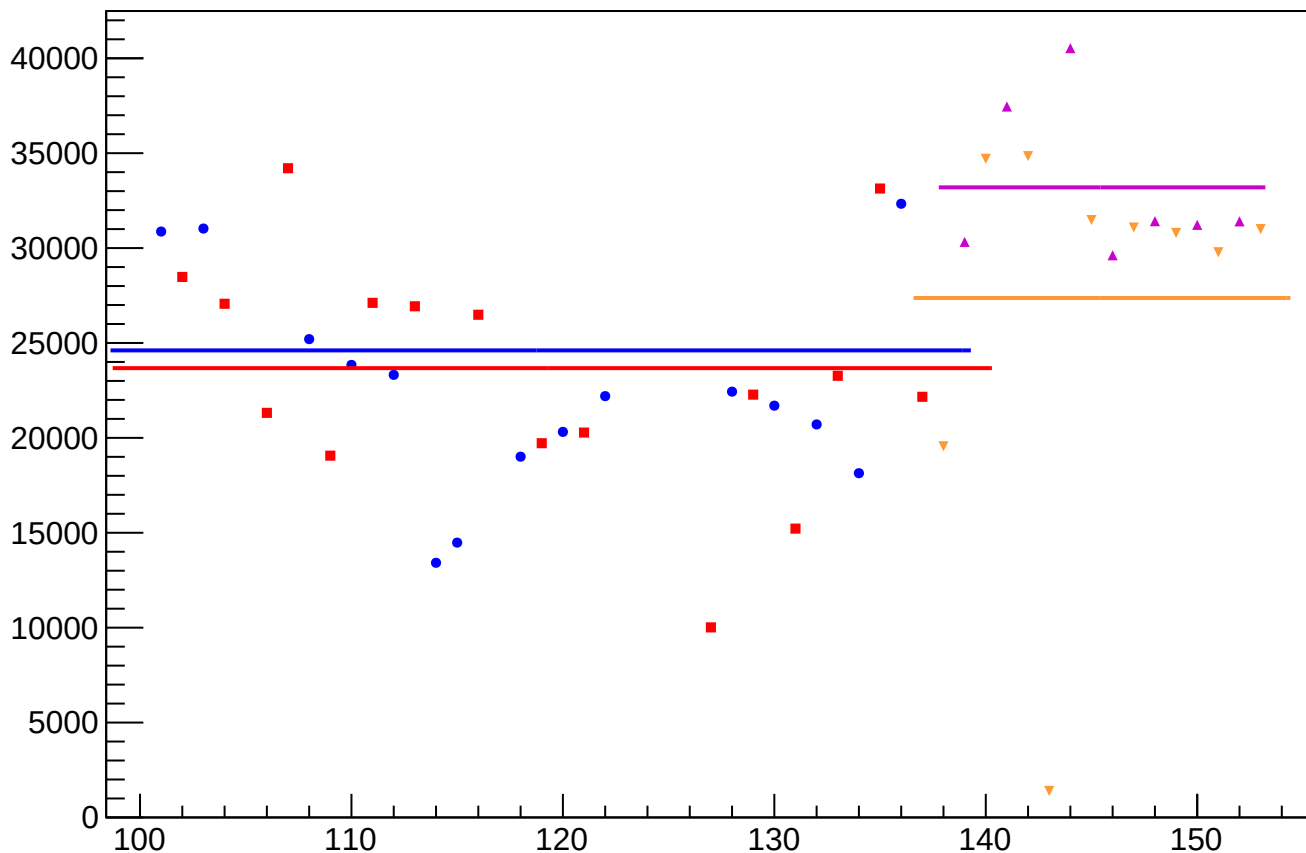
Left In: 1265.633+/-0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6

+ sign 1129.352+/-0.000 χ^2/NDF : 78852412388521

All: 1131.755+/-0.000 χ^2/NDF : 1912734306

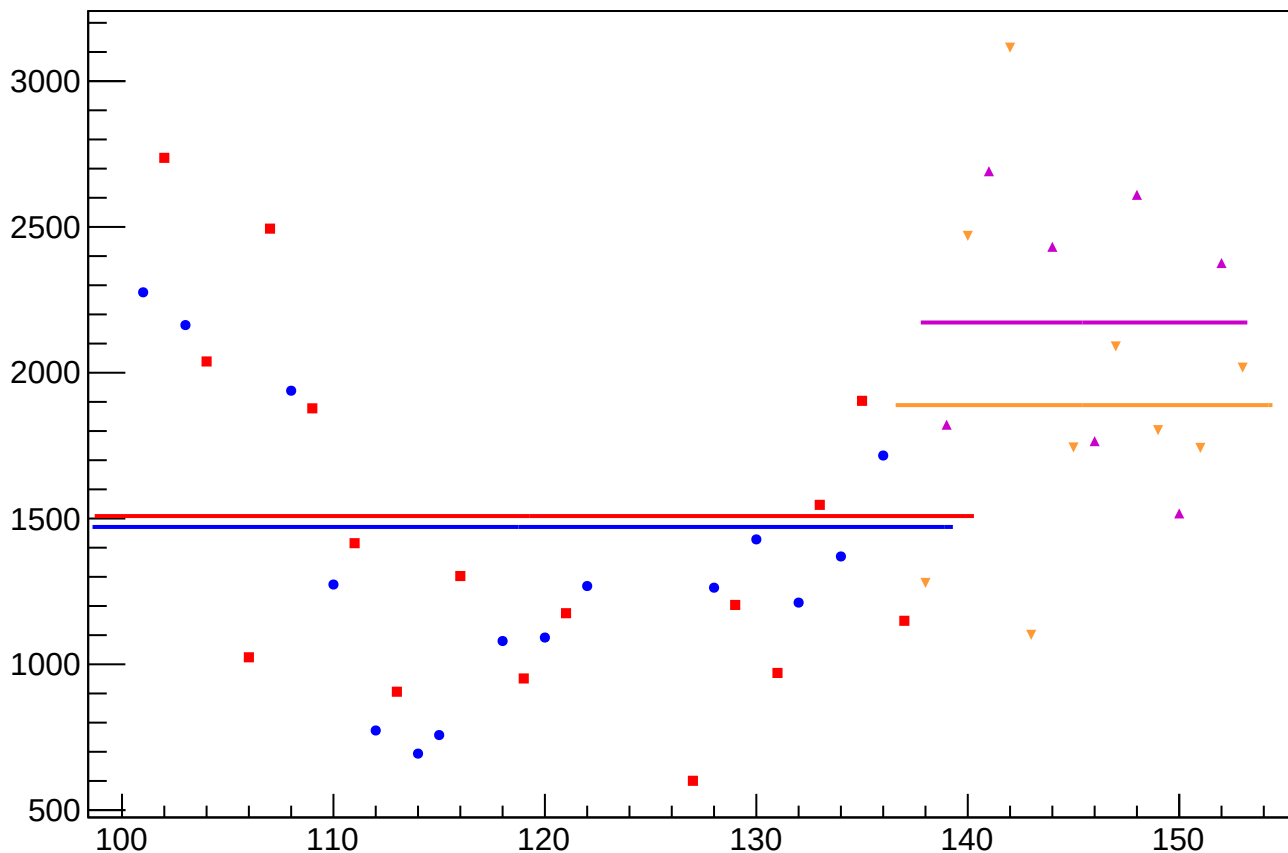
- sign 1134.272+/-0.000 χ^2/NDF : 11240532642915

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 27369.012+/-0.000	χ^2/NDF : 61932044193587740423958153132425229631488.0/8
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 33198.909+/-0.000	χ^2/NDF : 8962048153288768508637518986987998019584.0/6

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

+ sign 1684.578+/-0.000 χ^2/NDF : 37294897937185

Left Out: 1888.930+/-0.000 χ^2/NDF : 175882646291014424273582827980105711616.0/8

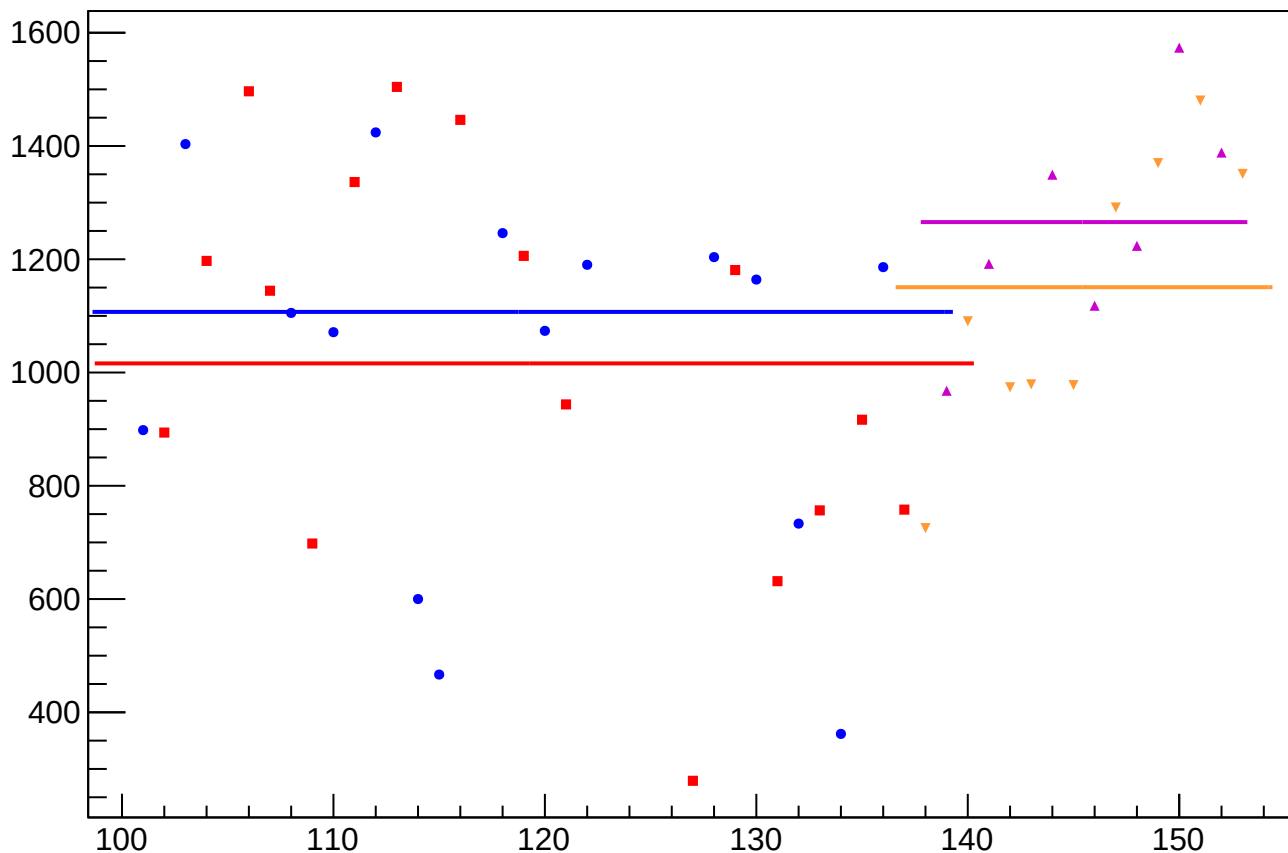
All: 1752.098+/-0.000 χ^2/NDF : 88591876203

Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

- sign 1822.815+/-0.000 χ^2/NDF : 50058393216049

Left In: 2172.283+/-0.000 χ^2/NDF : 111305671494696125437339637253748555776.0/6

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

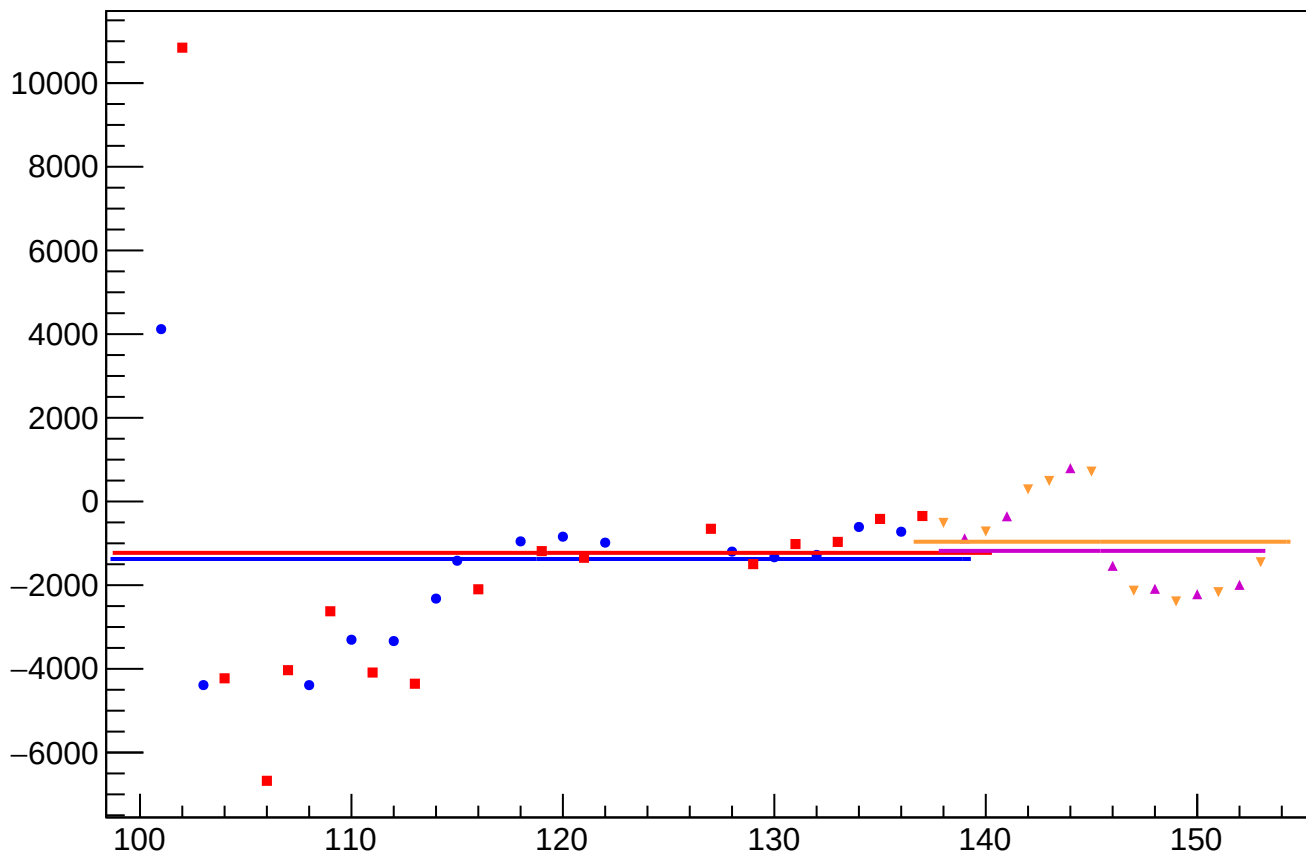
Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

+ sign 1129.352 $\pm$ 0.000 χ^2 /NDF: 78852412388521

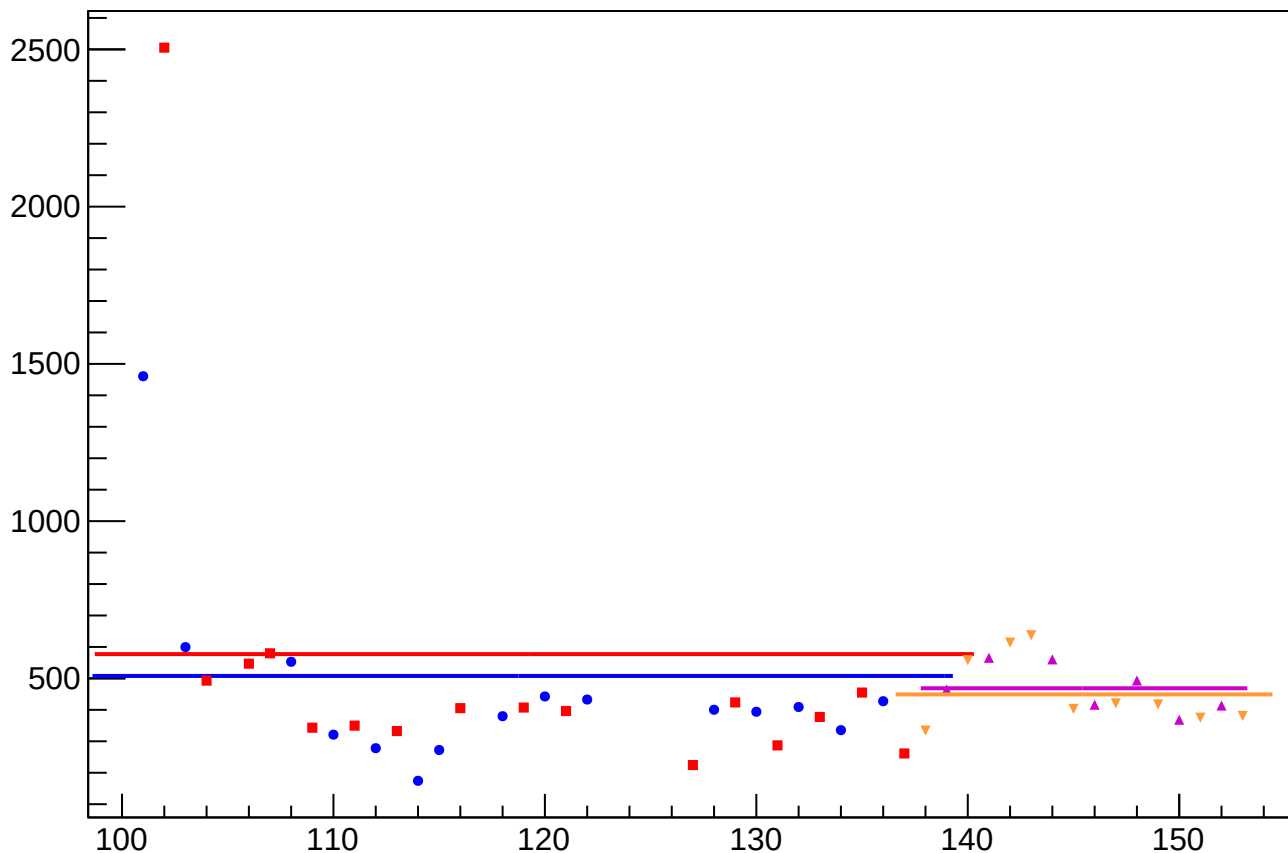
All: 1131.755 $\pm$ 0.000 χ^2 /NDF: 1912734306

- sign 1134.272 $\pm$ 0.000 χ^2 /NDF: 11240532642915

dit_atr1_coil4_mean vs Slug



dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

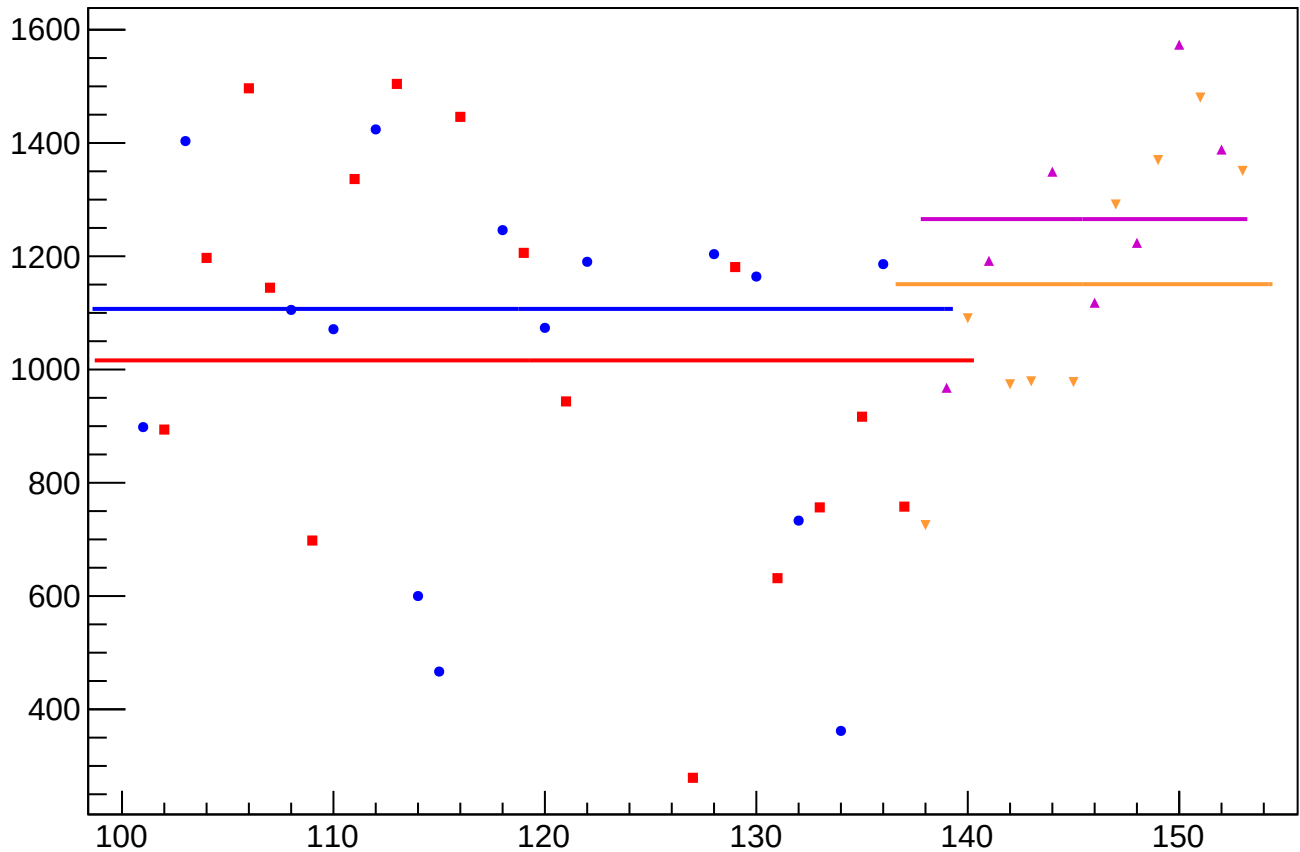
Left Out: 449.043+/-0.000 χ^2/NDF : 6760249928075611385992249043654279168.0/8

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

Left In: 468.581+/-0.000 χ^2/NDF : 2999255722463028646304882458298941440.0/6

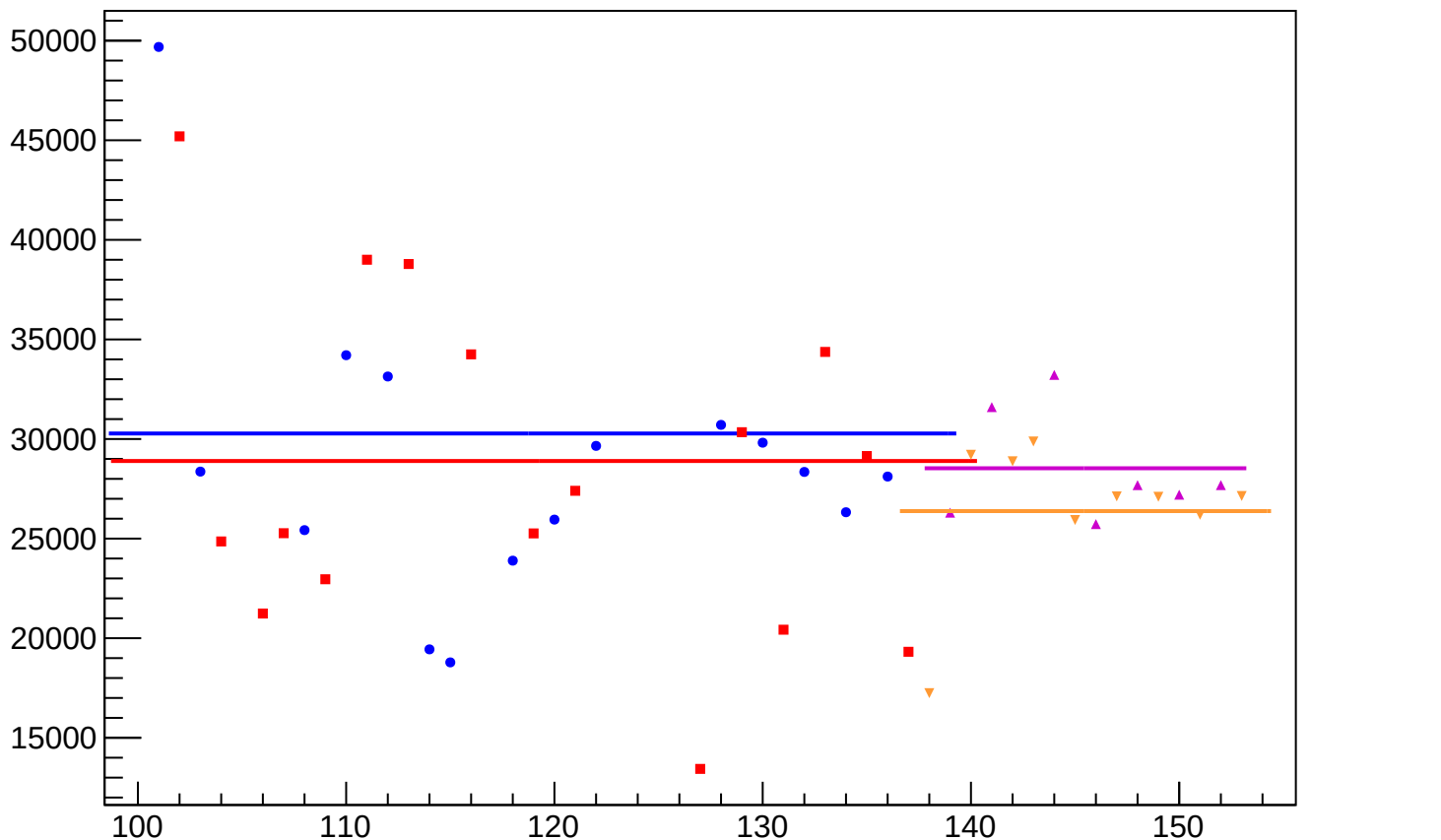
All: 501.231+/-0.000 χ^2/NDF : 321557067992

dit_atr1_coil4_Ndata_mean vs Slug



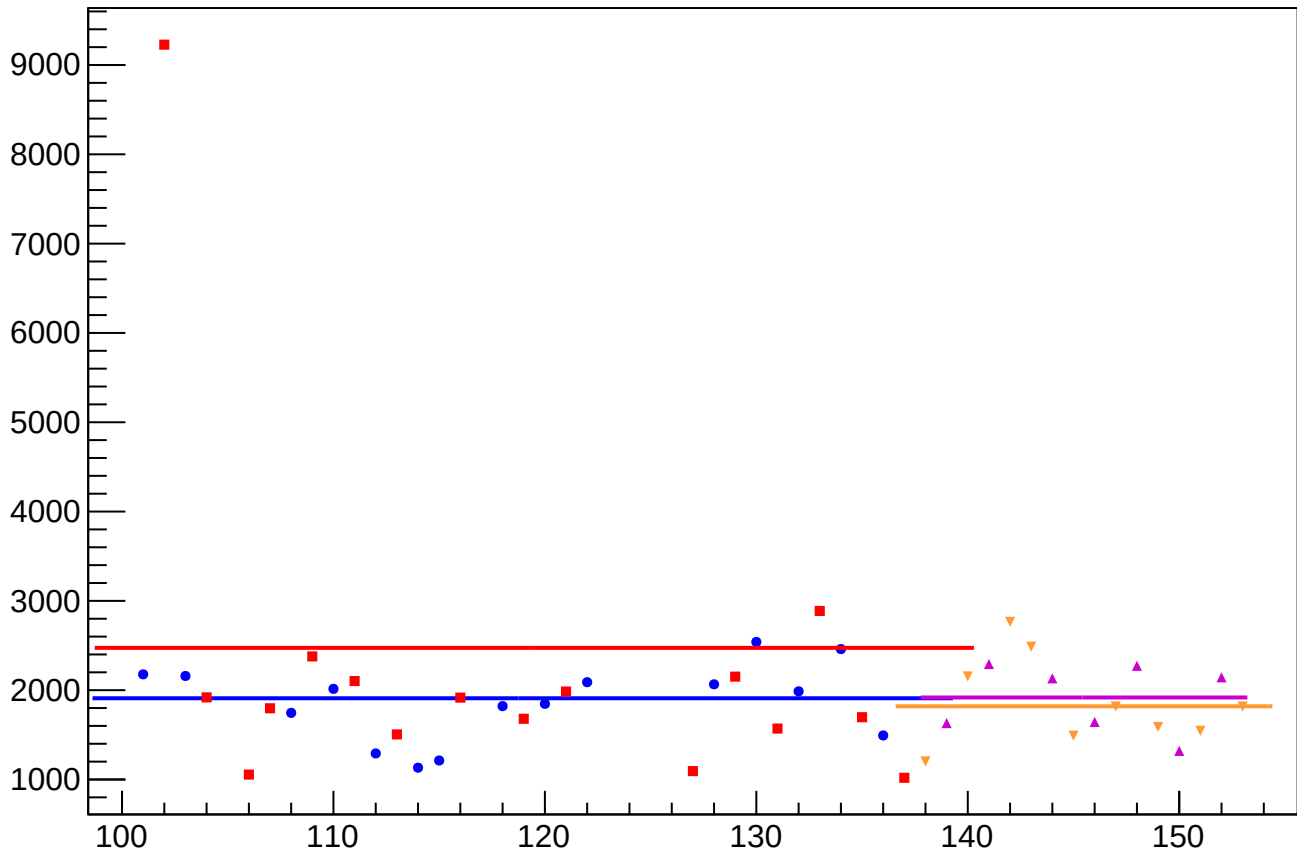
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

dit_atr2_coil4_mean vs Slug



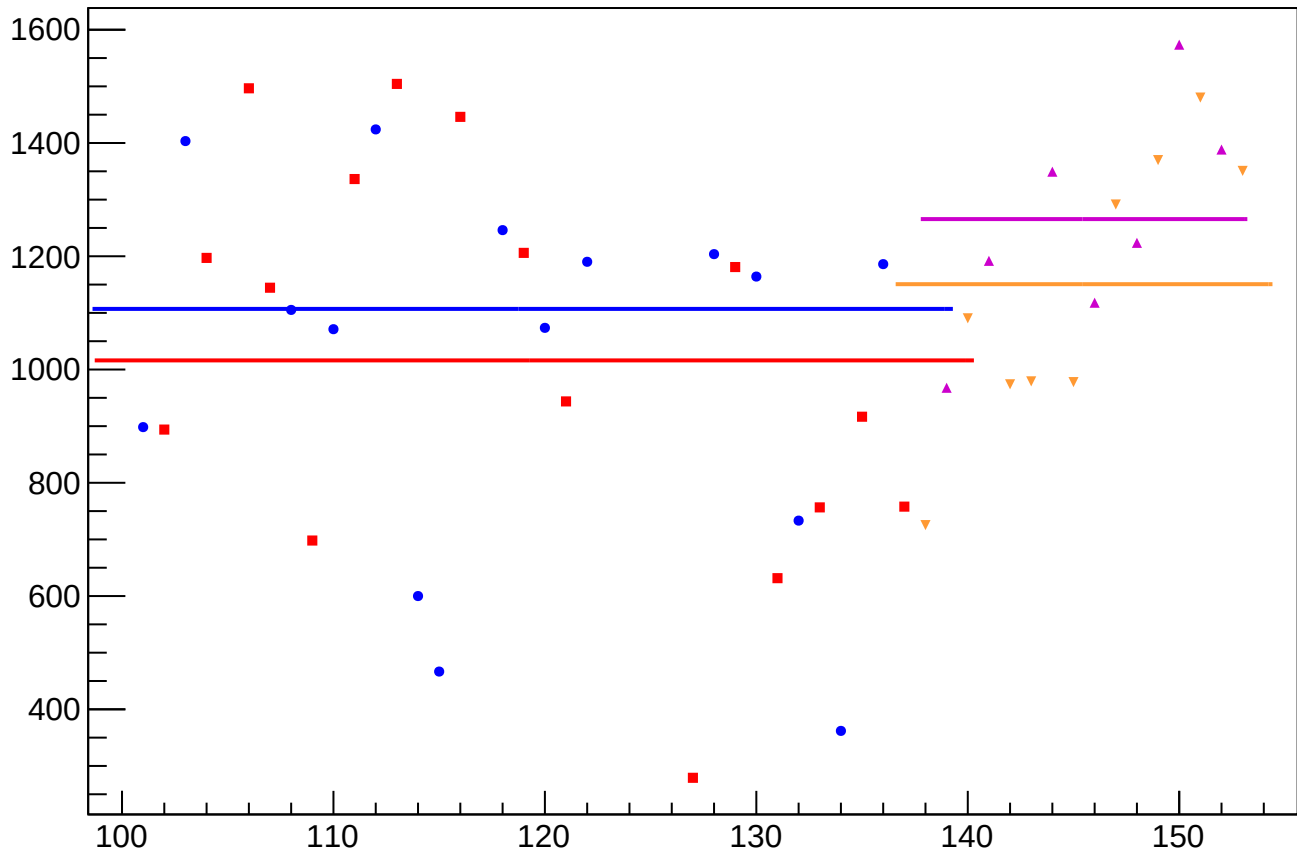
Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 26381.584+/-0.000 χ^2/NDF : 8432204128247161766062256861443528851456.0/8
 Right Out: 28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: 28531.677+/-0.000 χ^2/NDF : 4094779453043700134465946461026388017152.0/6

dit_atr2_coil4_err_mean vs Slug



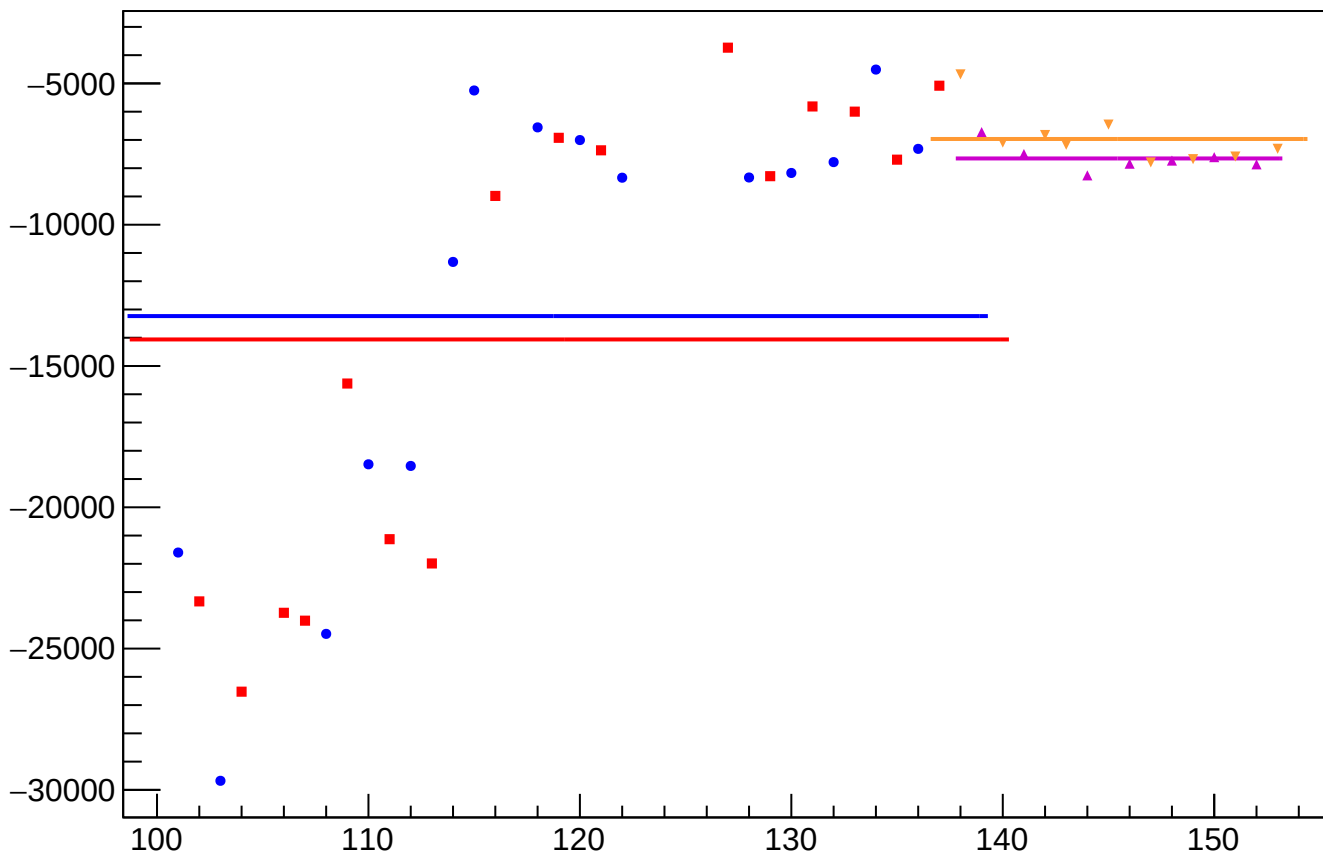
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14	+ sign 1863.496+/-0.000	χ^2/NDF : 21925054082759
Left Out: 1819.523+/-0.000	χ^2/NDF : 128932968493764281396896360664391483392.0/8	All: 2033.121+/-0.000	χ^2/NDF : 35053781923
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15	- sign 2210.779+/-0.000	χ^2/NDF : 32079565933607
Left In: 1918.191+/-0.000	χ^2/NDF : 76478694096265724312866795775049334784.0/6		

dit_atr2_coil4_Ndata_mean vs Slug



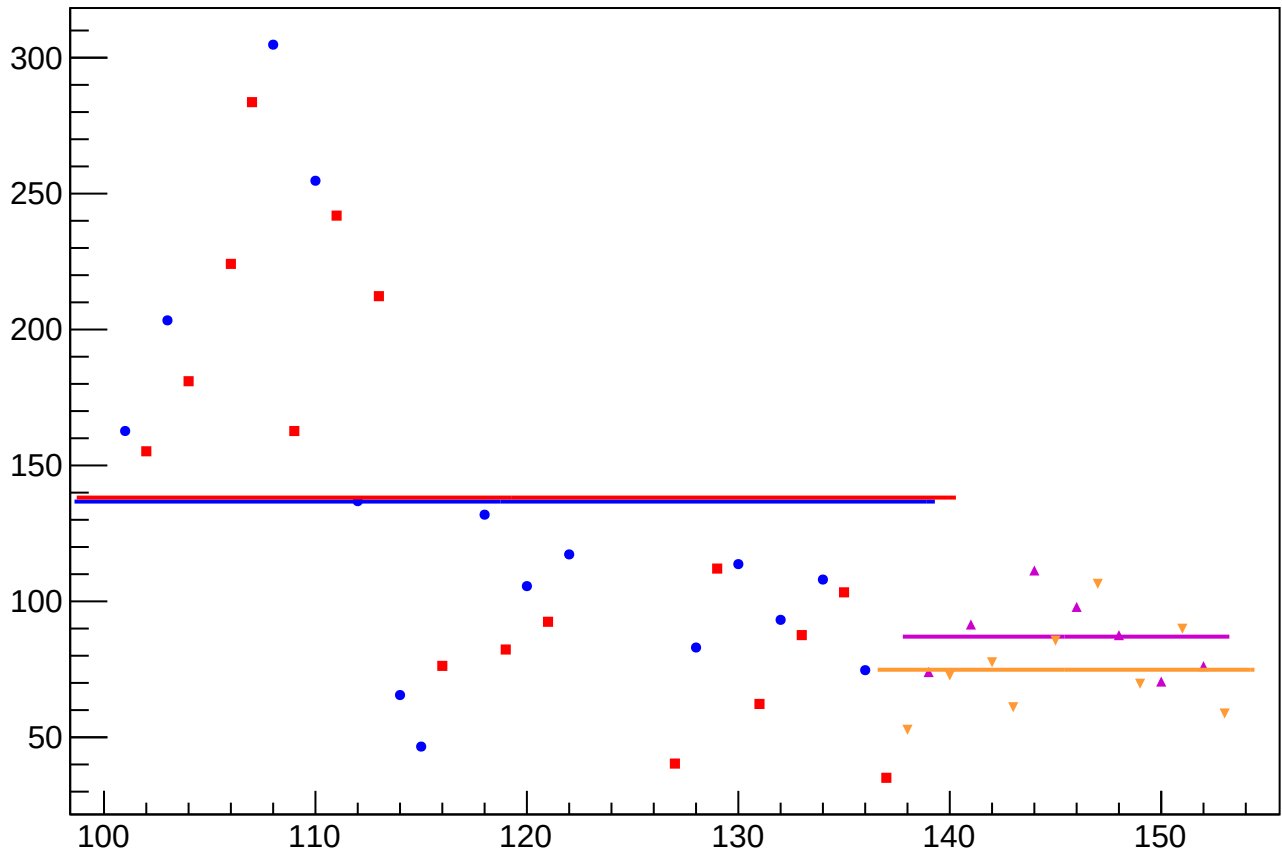
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

dit_sam1_coil4_mean vs Slug



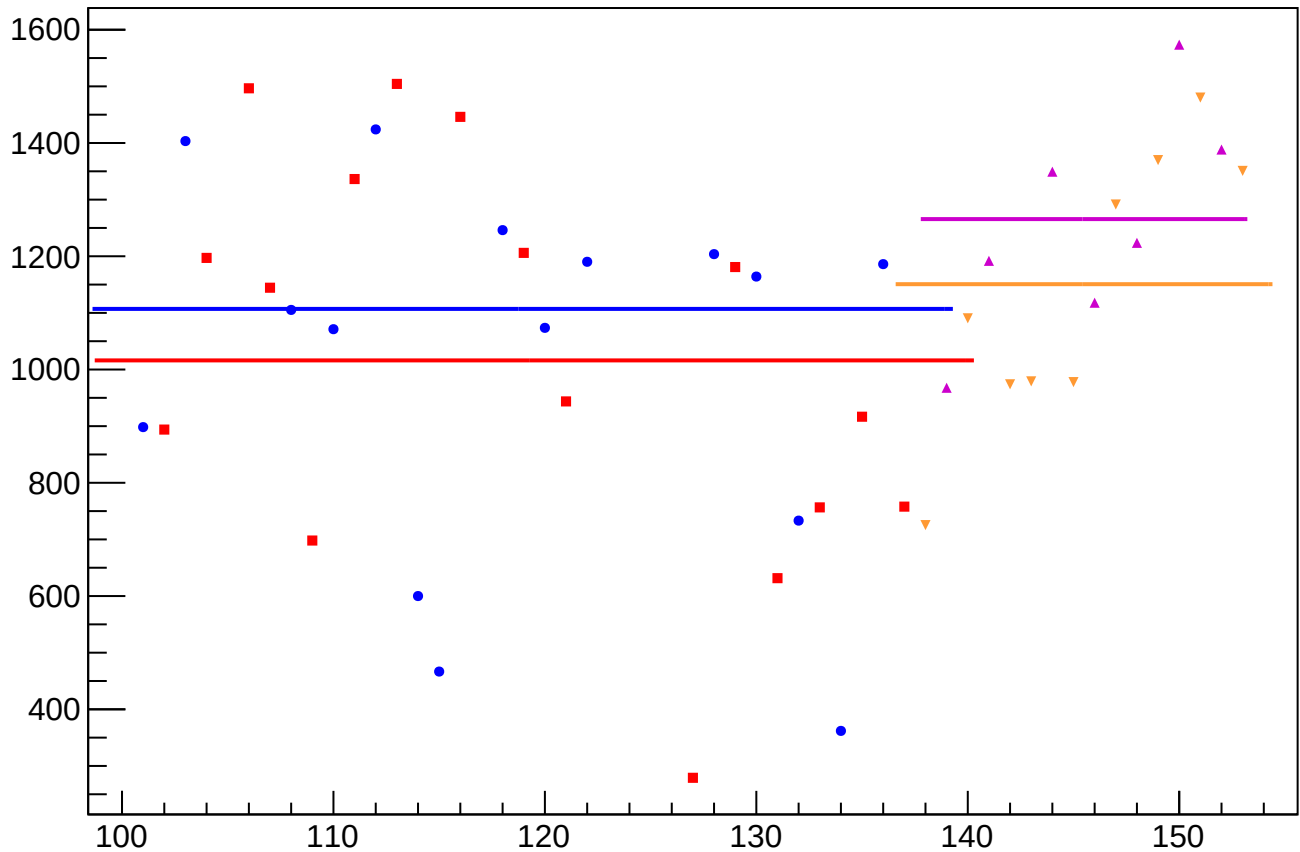
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 + sign -10031.286+/-0.000 χ^2/NDF : 548514448197
 Left Out: -6966.168+/-0.000 χ^2/NDF : 570221733367003288315589544123975073792.0/8
 All: -10517.612+/-0.000 χ^2/NDF : 113054308
 Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 - sign -11026.969+/-0.000 χ^2/NDF : 5756029497947
 Left In: -7655.135+/-0.000 χ^2/NDF : 111804031616604879066990920954221166592.0/6

dit_sam1_coil4_err_mean vs Slug



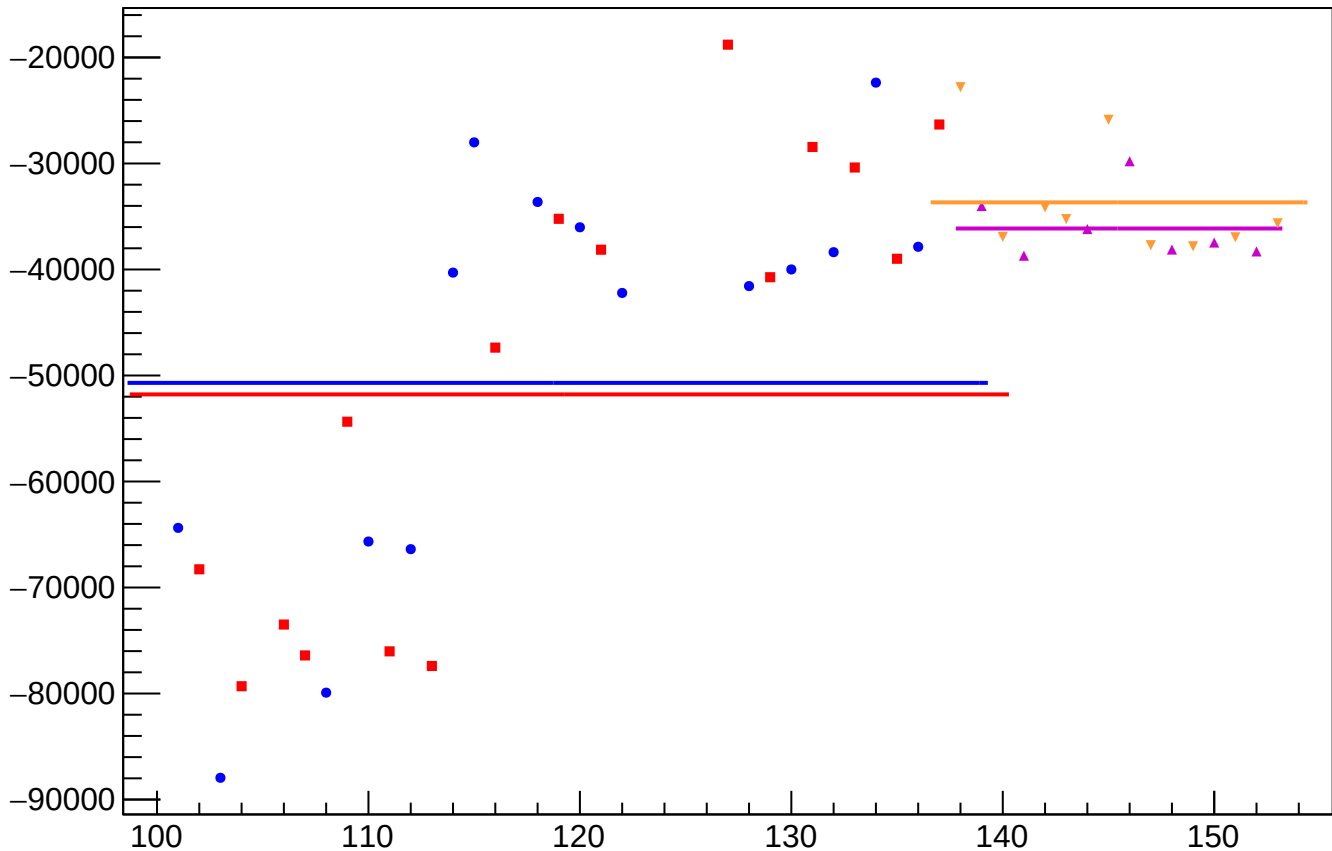
Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14
 Left Out: 74.849 $\pm$ 0.000 χ^2 /NDF: 180530141182114119564862980429447168.0/8
 Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15
 Left In: 87.022 $\pm$ 0.000 χ^2 /NDF: 113185395891097300282832611195224064.0/6
 All: 109.426 $\pm$ 0.000 χ^2 /NDF: 835803308372

dit_sam1_coil4_Ndata_mean vs Slug



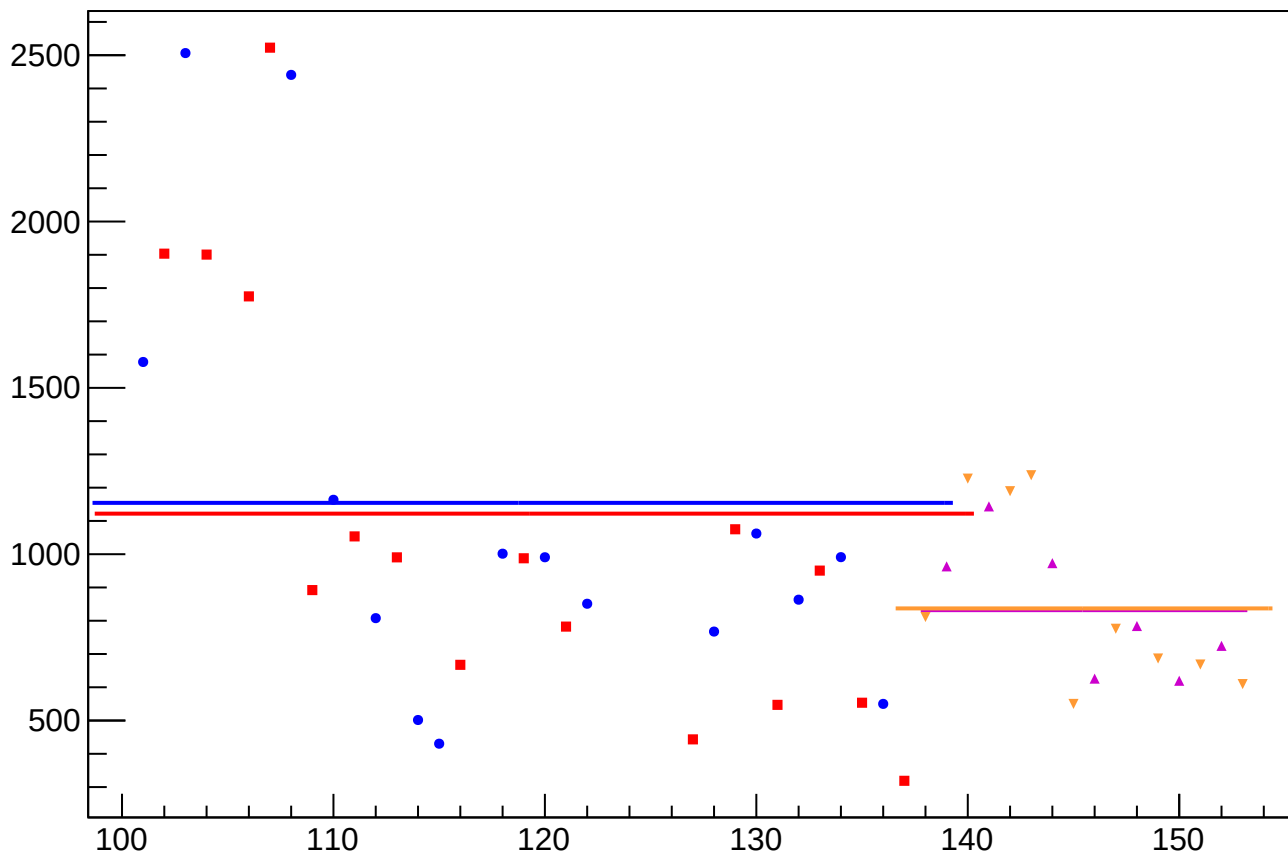
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 +/- 0.000 χ^2/NDF : 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 +/- 0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -33668.306+/-0.000 χ^2/NDF : 19048429281419404743669413192236512837632.0/8
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -36133.560+/-0.000 χ^2/NDF : 5163249107686454516651901877009598382080.0/6
 All: -43156.687+/-0.000 χ^2/NDF : 709777866
 + sign -41995.812+/-0.000 χ^2/NDF : 341797955679
 - sign -44372.538+/-0.000 χ^2/NDF : 3643186057594

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

+ sign 992.227+/-0.000 χ^2/NDF : 327091254646050

Left Out: 837.057+/-0.000 χ^2/NDF : 44441847494847870555426585559552753664.0/8

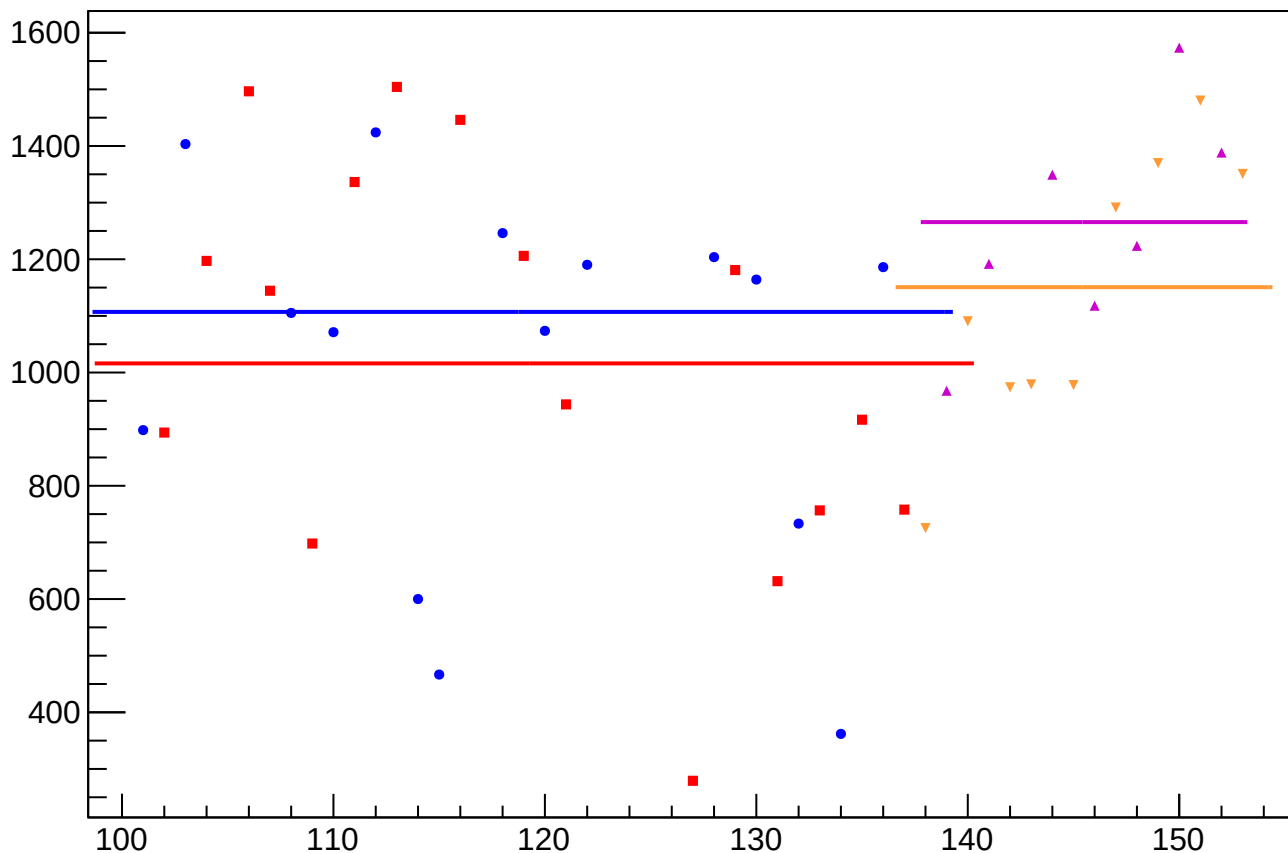
All: 988.484+/-0.000 χ^2/NDF : 600123010046

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

- sign 984.564+/-0.000 χ^2/NDF : 272993693685128

Left In: 831.854+/-0.000 χ^2/NDF : 20255392862358062120504818298133676032.0/6

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF : 37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

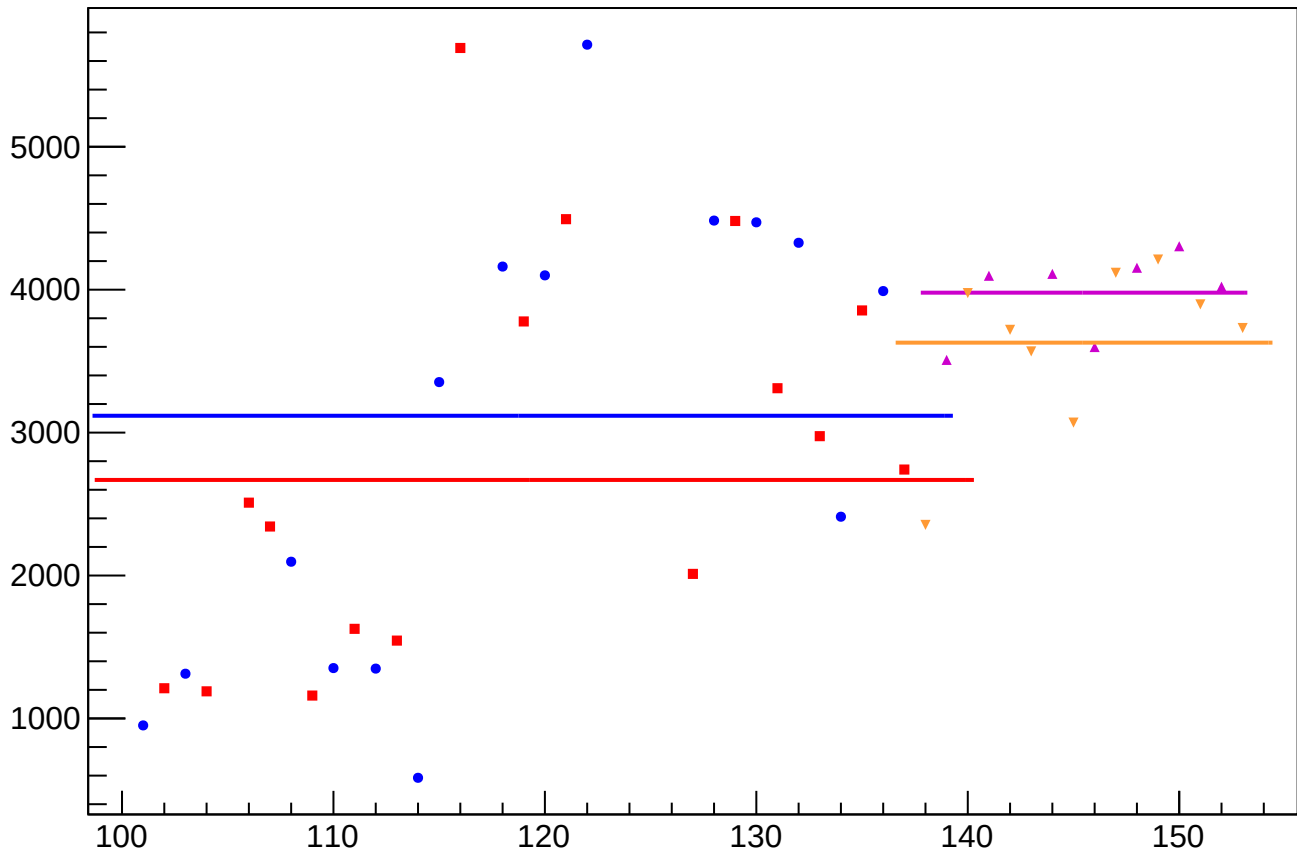
Left In: 1265.633+/-0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6

+ sign 1129.352+/-0.000 χ^2/NDF : 78852412388521

All: 1131.755+/-0.000 χ^2/NDF : 1912734306

- sign 1134.272+/-0.000 χ^2/NDF : 11240532642915

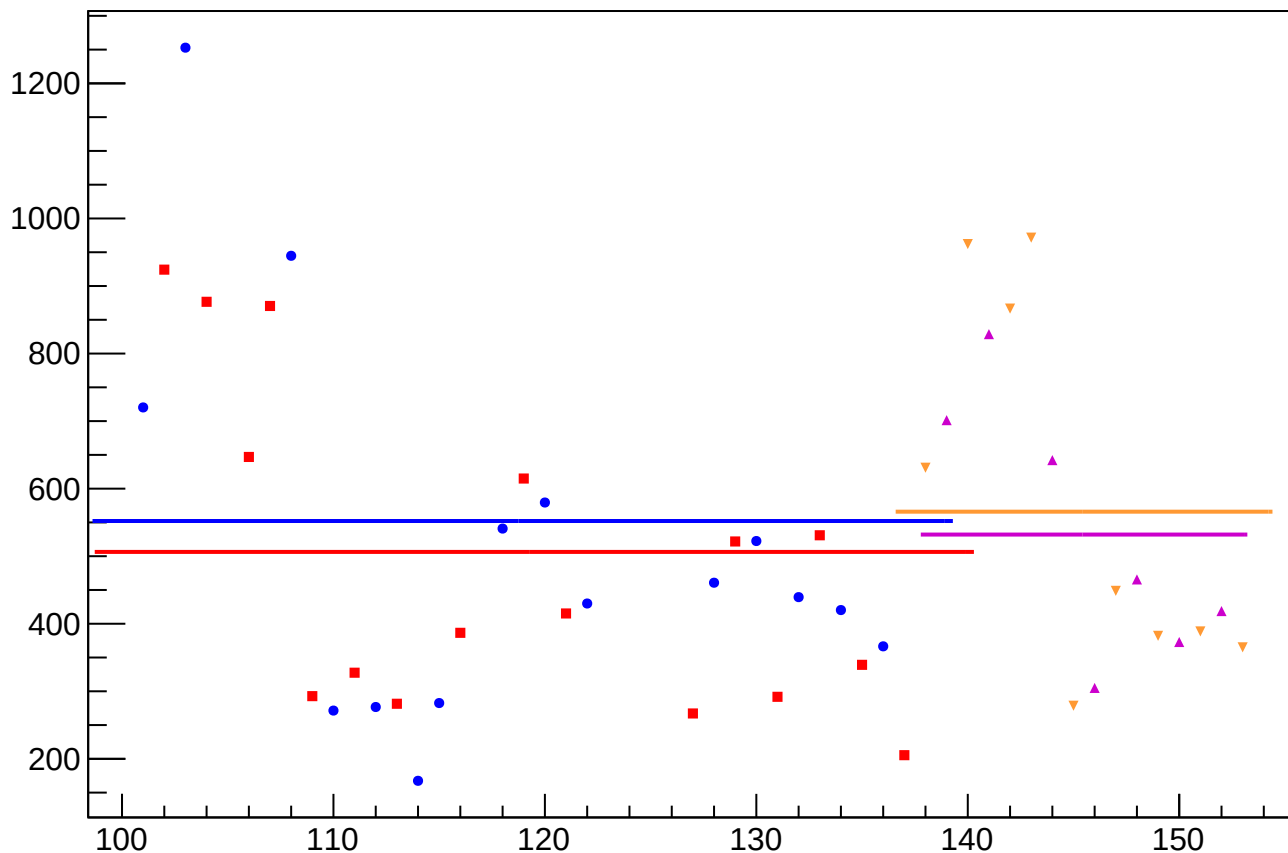
dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14
Left Out: 3629.425+/-0.000	χ^2/NDF : 216131883346739801352082403973505482752.0/8
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15
Left In: 3979.089+/-0.000	χ^2/NDF : 44972202994373423741073686807139319808.0/6

+ sign 3379.259+/-0.000 χ^2/NDF : 18556294488670
 All: 3335.318+/-0.000 χ^2/NDF : 35845520219
 - sign 3289.297+/-0.000 χ^2/NDF : 17236770012807

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

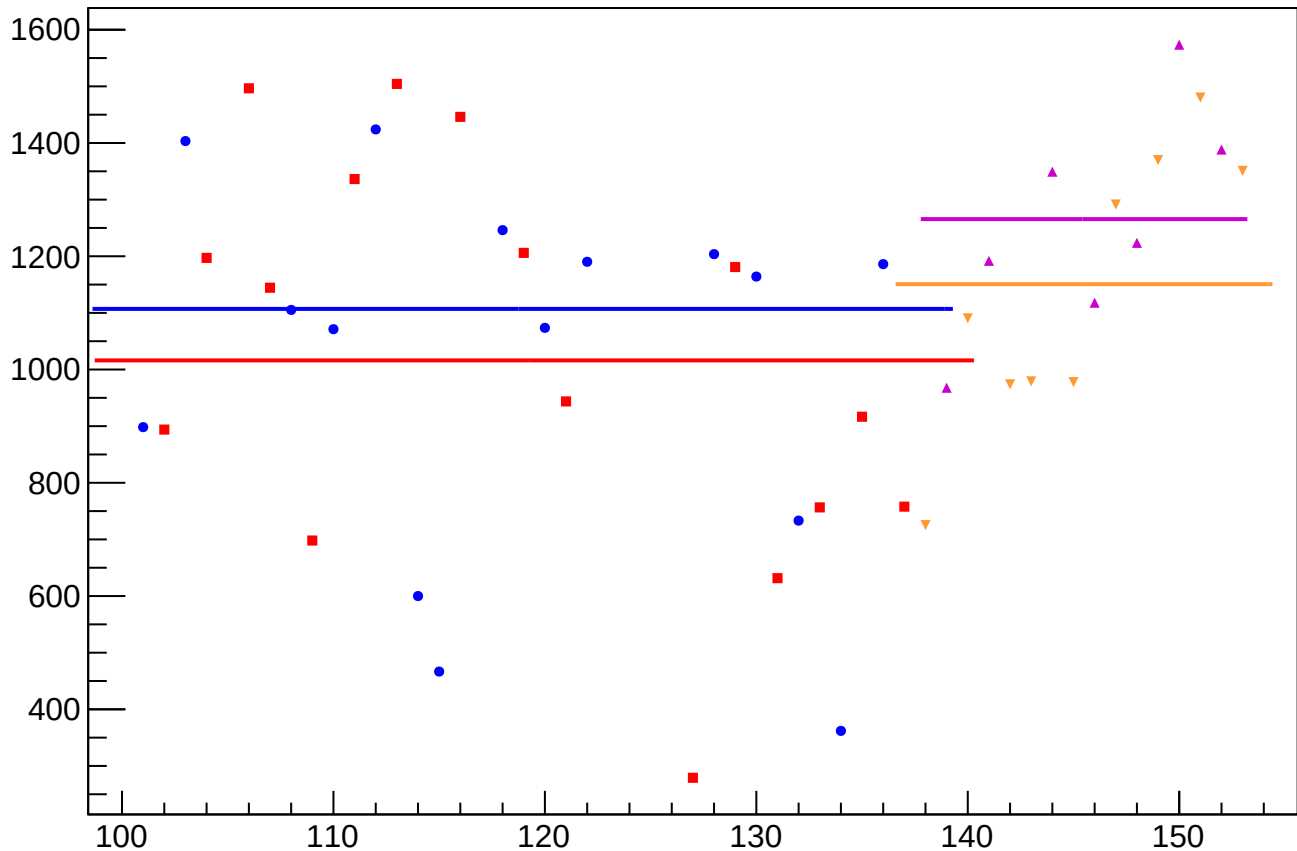
Left Out: 565.917+/-0.000 χ^2/NDF : 44831513453581912354830818423284432896.0/8

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: 532.029+/-0.000 χ^2/NDF : 18956423511323354785097574582652502016.0/6

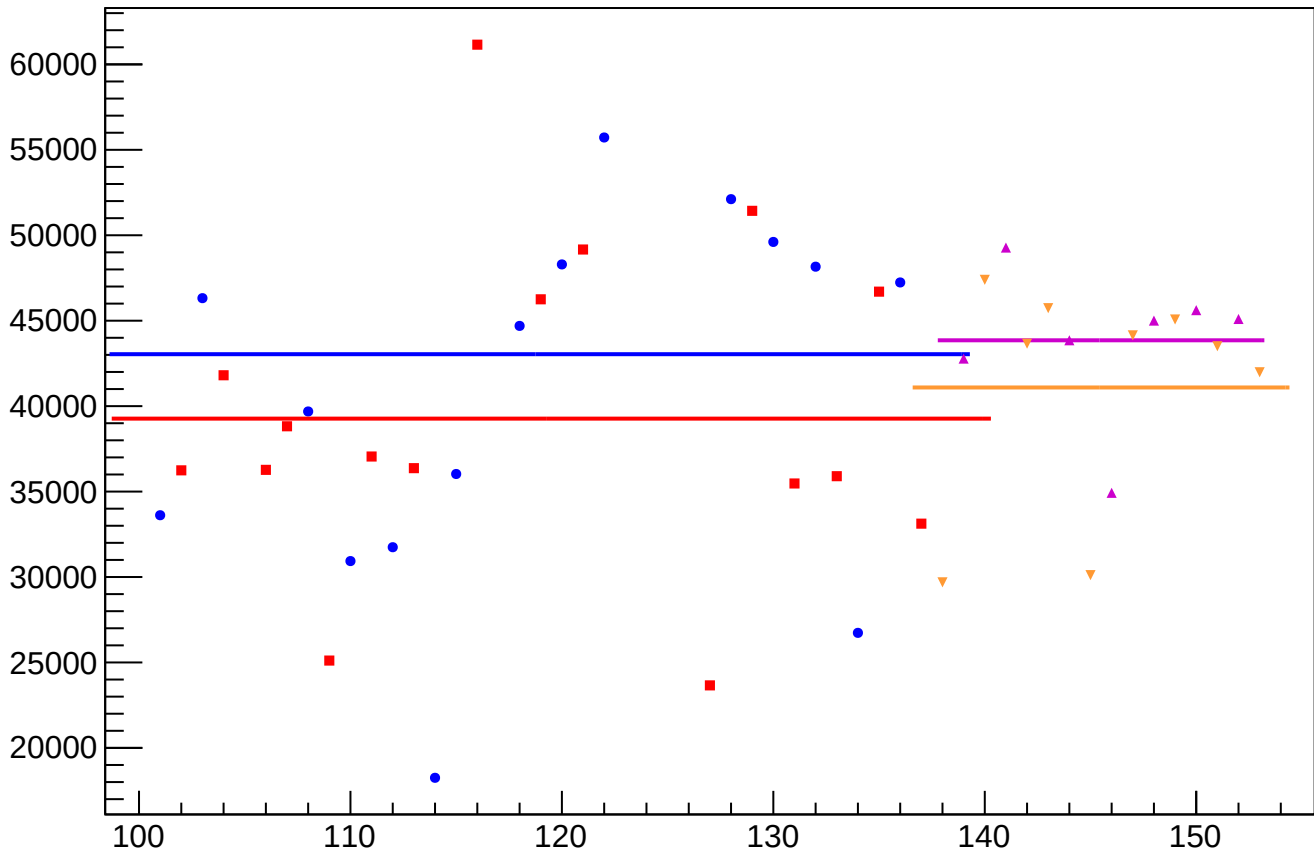
All: 539.306+/-0.000 χ^2/NDF : 153051510930

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 +/- 0.000 χ^2/NDF : 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 +/- 0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6

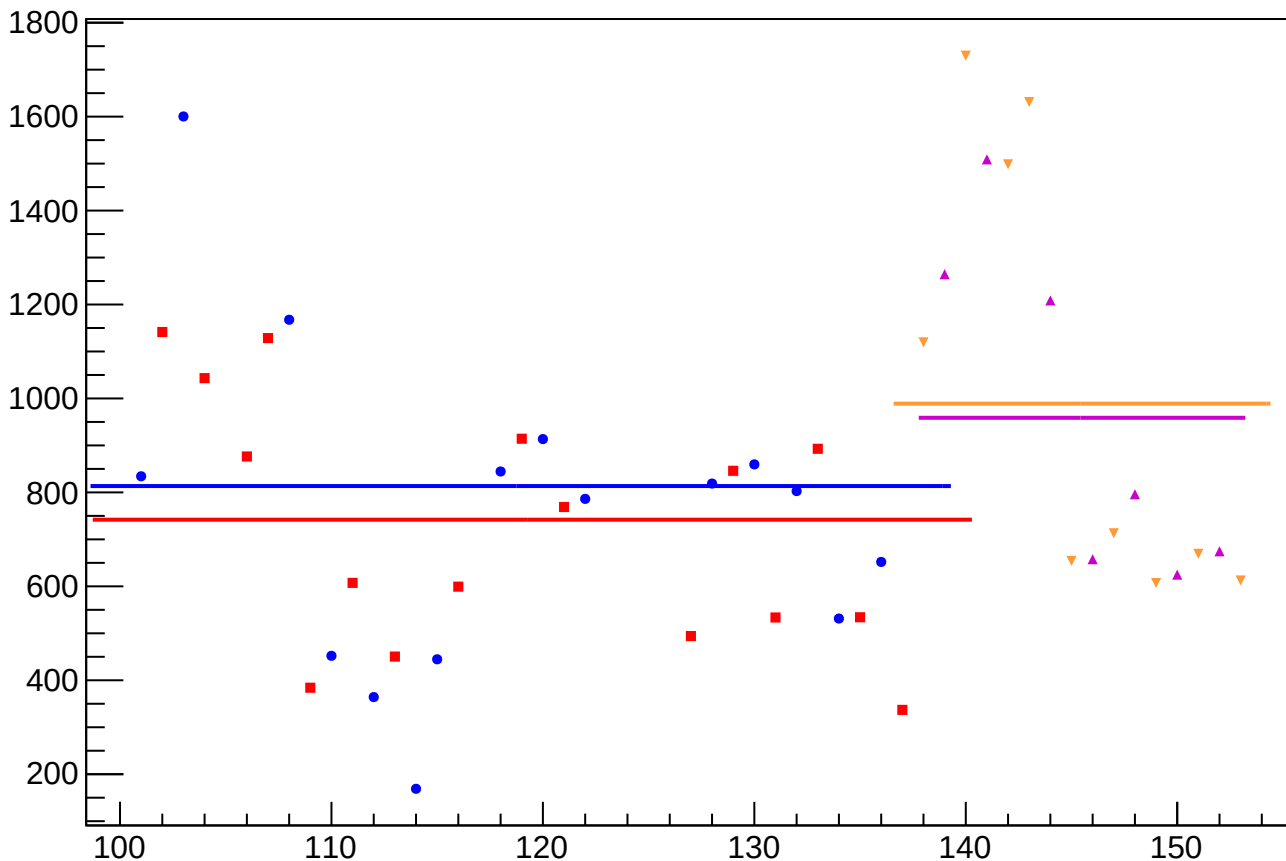
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41092.435+/-0.000	χ^2/NDF : 27483082586795013927050134103138341224448.0/8
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43853.165+/-0.000	χ^2/NDF : 9738467193820754264716514095381941846016.0/6

+ sign 42044.901+/-0.000 χ^2/NDF : 7713777166955
 All: 41749.546+/-0.000 χ^2/NDF : 1456222135
 - sign 41440.205+/-0.000 χ^2/NDF : 6824744021553

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 988.982 $\pm$ 0.000 χ^2 /NDF: 133092726160287026721655507095451074560.0/8

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

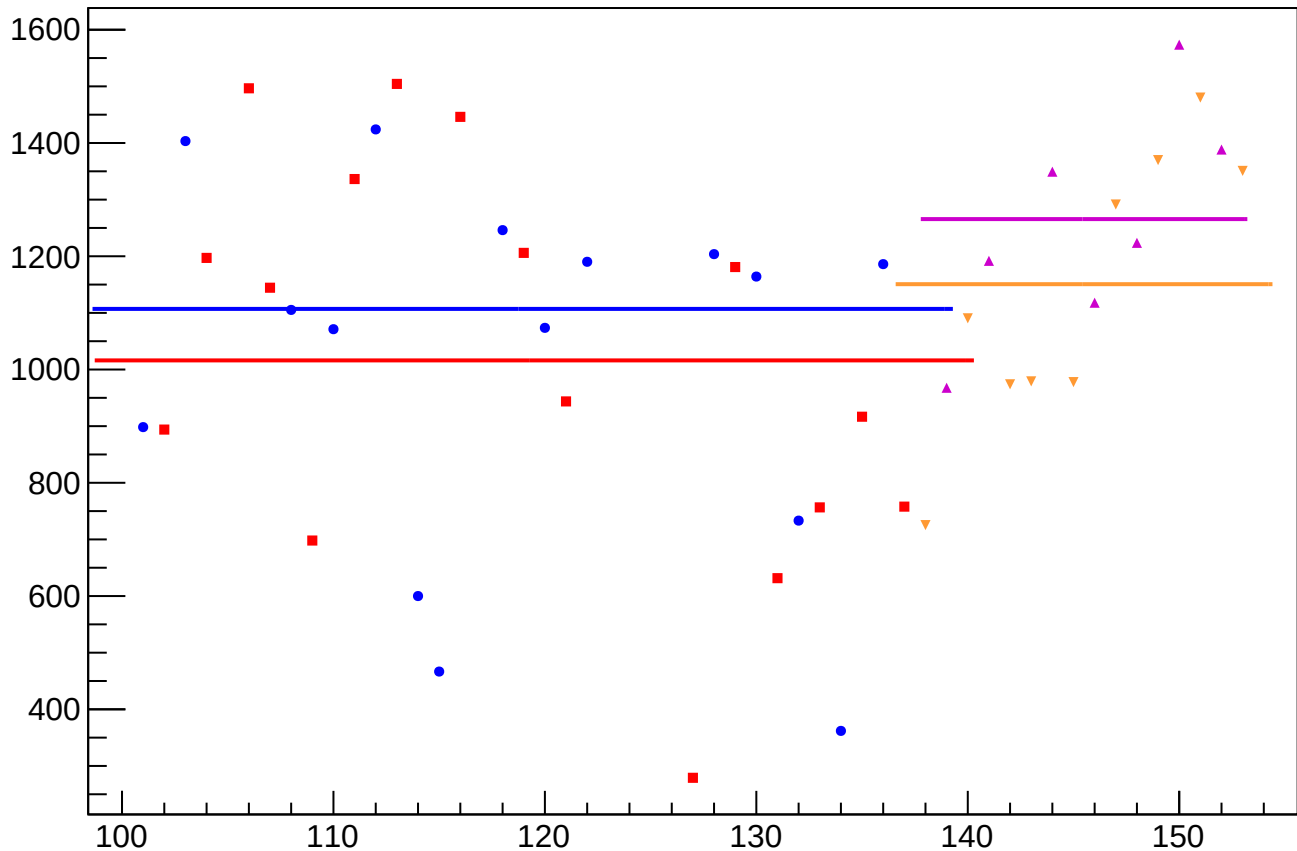
Left In: 958.858 $\pm$ 0.000 χ^2 /NDF: 65778139407123058278729765030796984320.0/6

+ sign 903.159 $\pm$ 0.000 χ^2 /NDF: 210424627118051

All: 874.580 $\pm$ 0.000 χ^2 /NDF: 33736232585

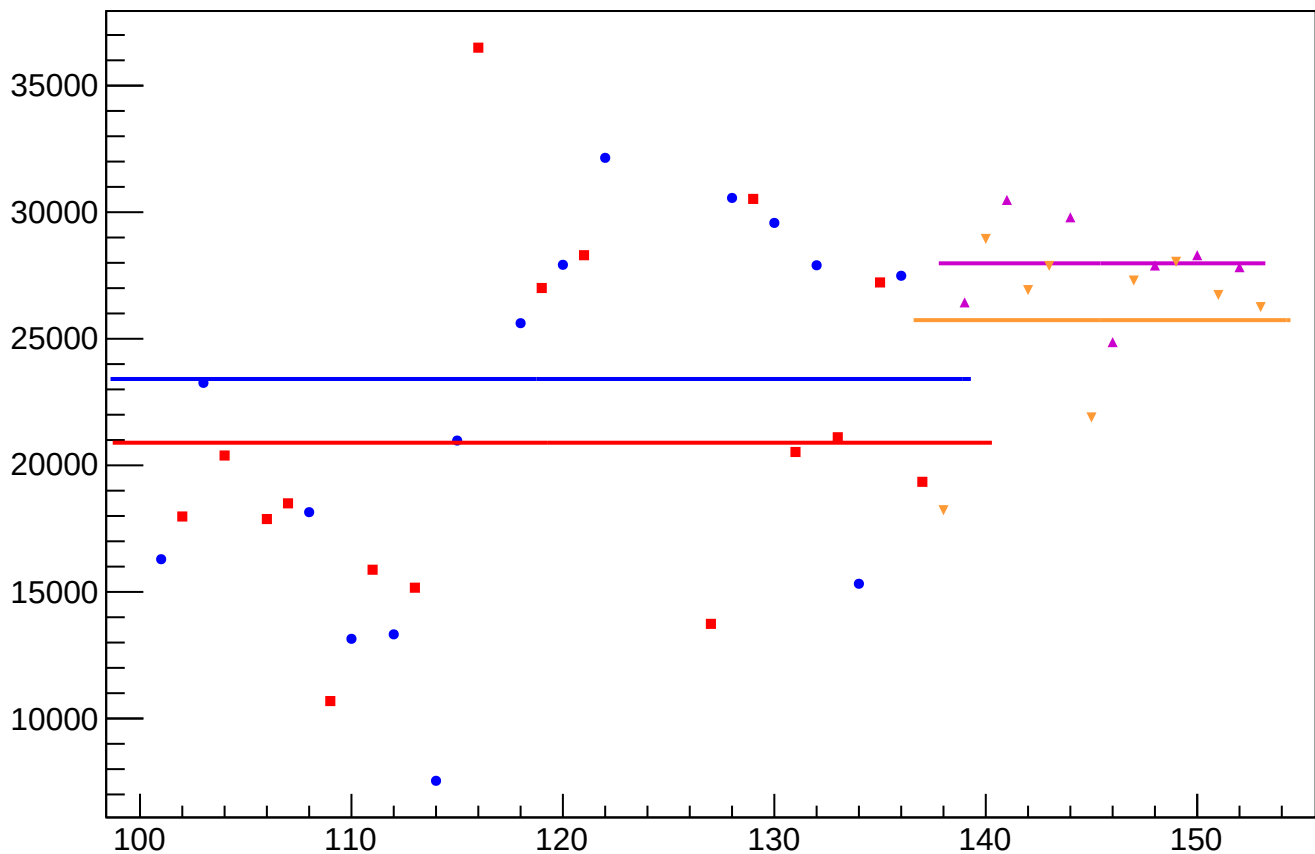
- sign 844.649 $\pm$ 0.000 χ^2 /NDF: 124718790887968

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698+/-0.000 χ^2/NDF : 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1265.633+/-0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6
 All: 1131.755+/-0.000 χ^2/NDF : 19127343060.0/15

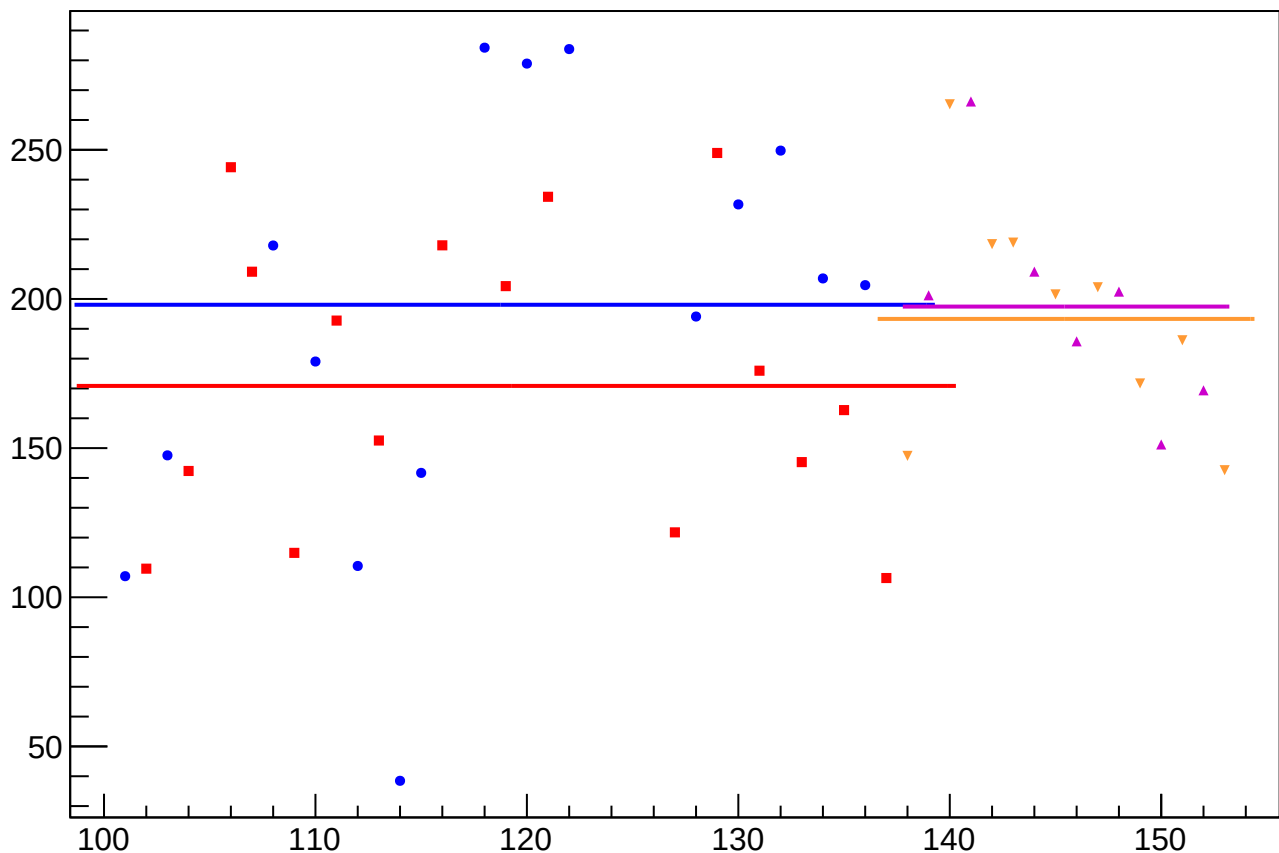
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 25736.080+/-0.000	χ^2/NDF : 7545888191869792033291310557435724300288.0/8
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27980.901+/-0.000	χ^2/NDF : 1836444892416945213794714168748025053184.0/6

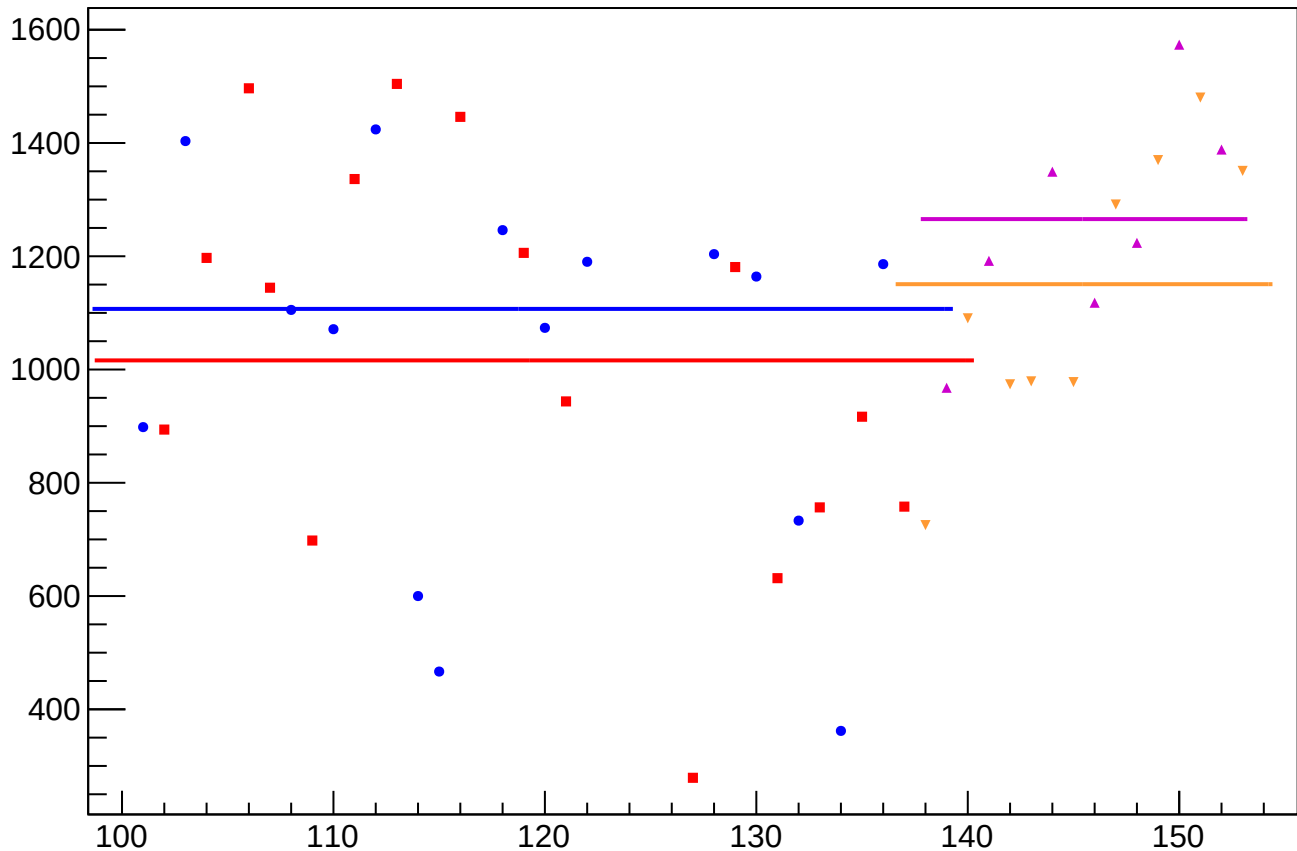
+ sign 24599.194+/-0.000 χ^2/NDF : 3776514806461
 All: 24428.701+/-0.000 χ^2/NDF : 8295300523
 - sign 24250.134+/-0.000 χ^2/NDF : 4510888462709

dit_sam5_coil4_err_mean vs Slug



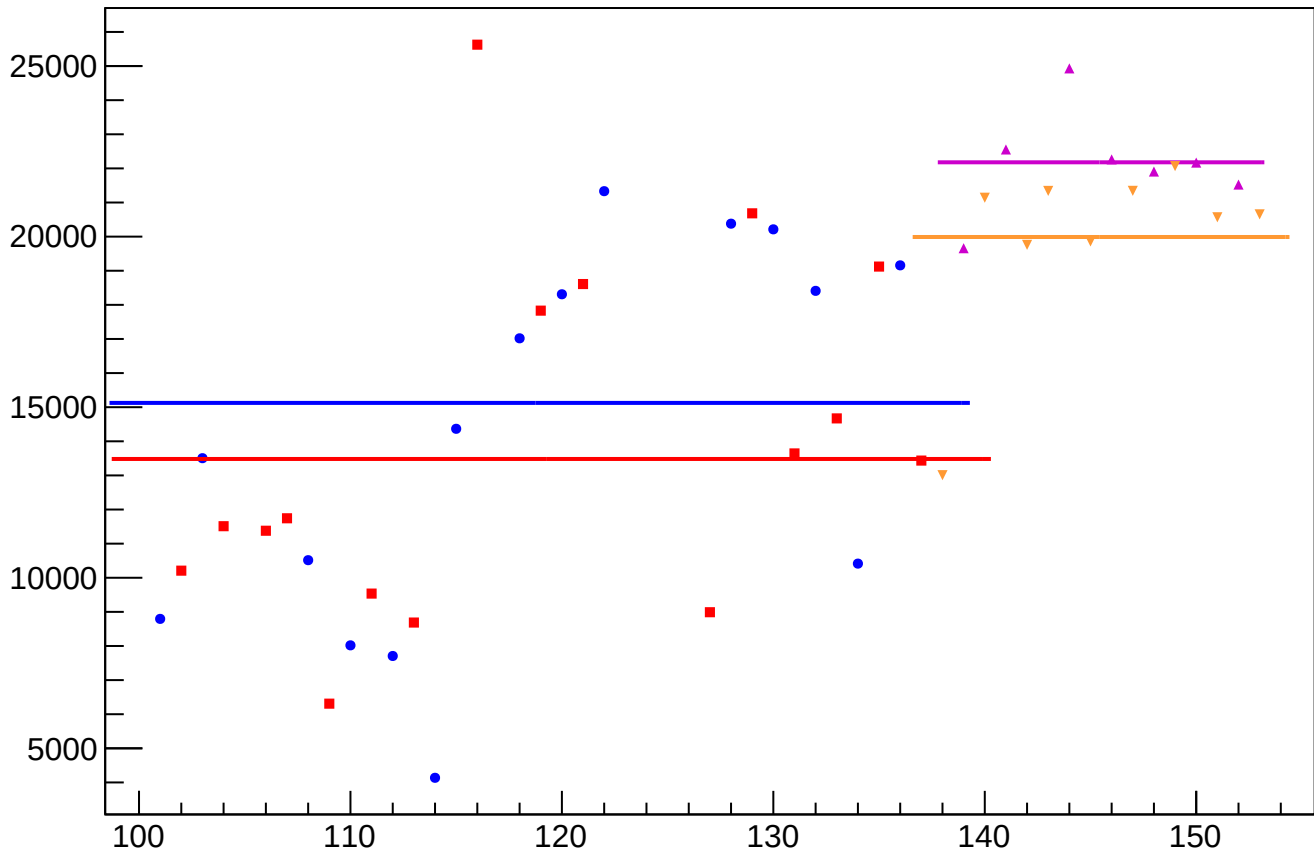
Right In: 198.056 $\pm$ 0.000 χ^2 /NDF: 2482928792293864415922382990034862080.0/14
 Left Out: 193.313 $\pm$ 0.000 χ^2 /NDF: 937903358678178262025527530281238528.0/8
 Right Out: 170.851 $\pm$ 0.000 χ^2 /NDF: 1418314816915016425155520631536615424.0/15
 Left In: 197.447 $\pm$ 0.000 χ^2 /NDF: 691574684984258290152950561987624960.0/6

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

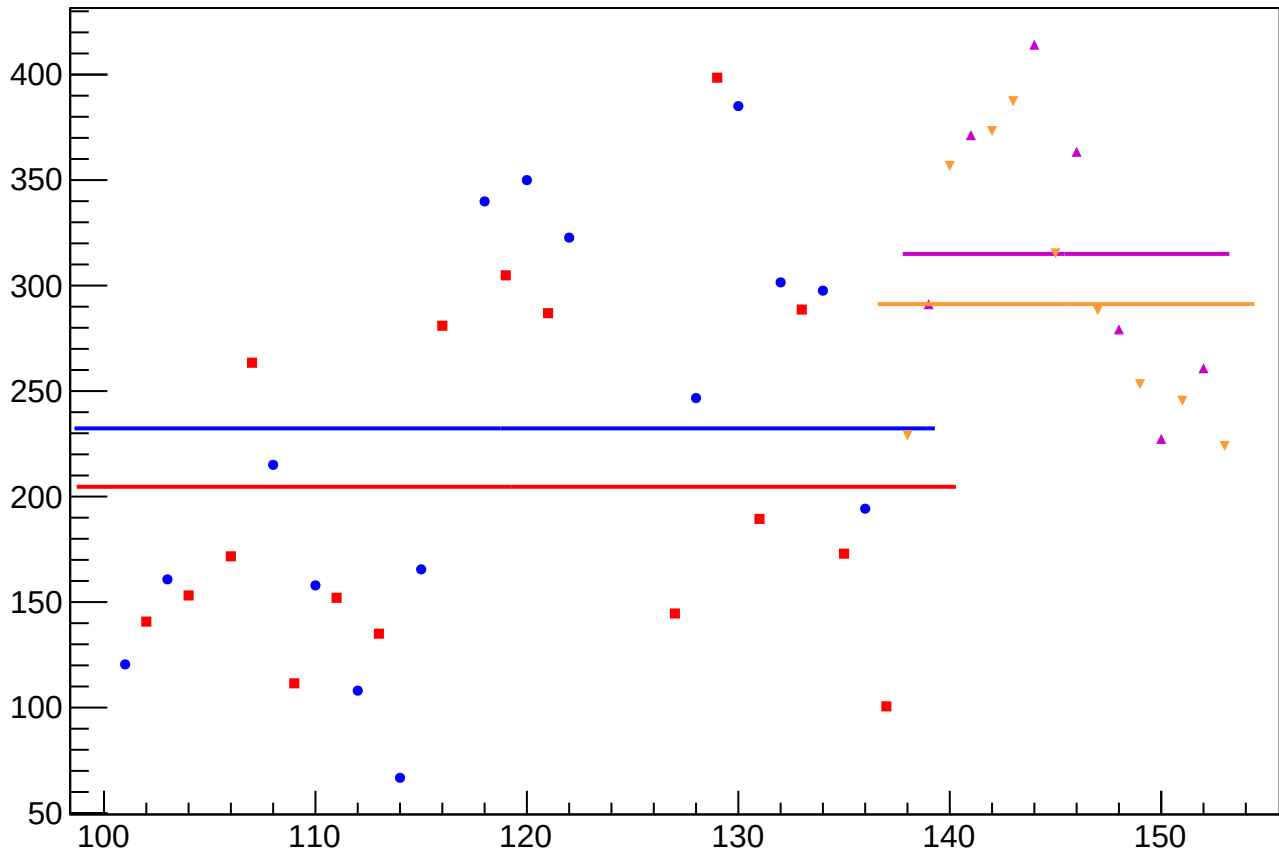
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 19989.268+/-0.000	χ^2/NDF : 4605928002557207960914678127108084989952.0/8
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 22178.503+/-0.000	χ^2/NDF : 1244244846931309803633122299104580337664.0/6

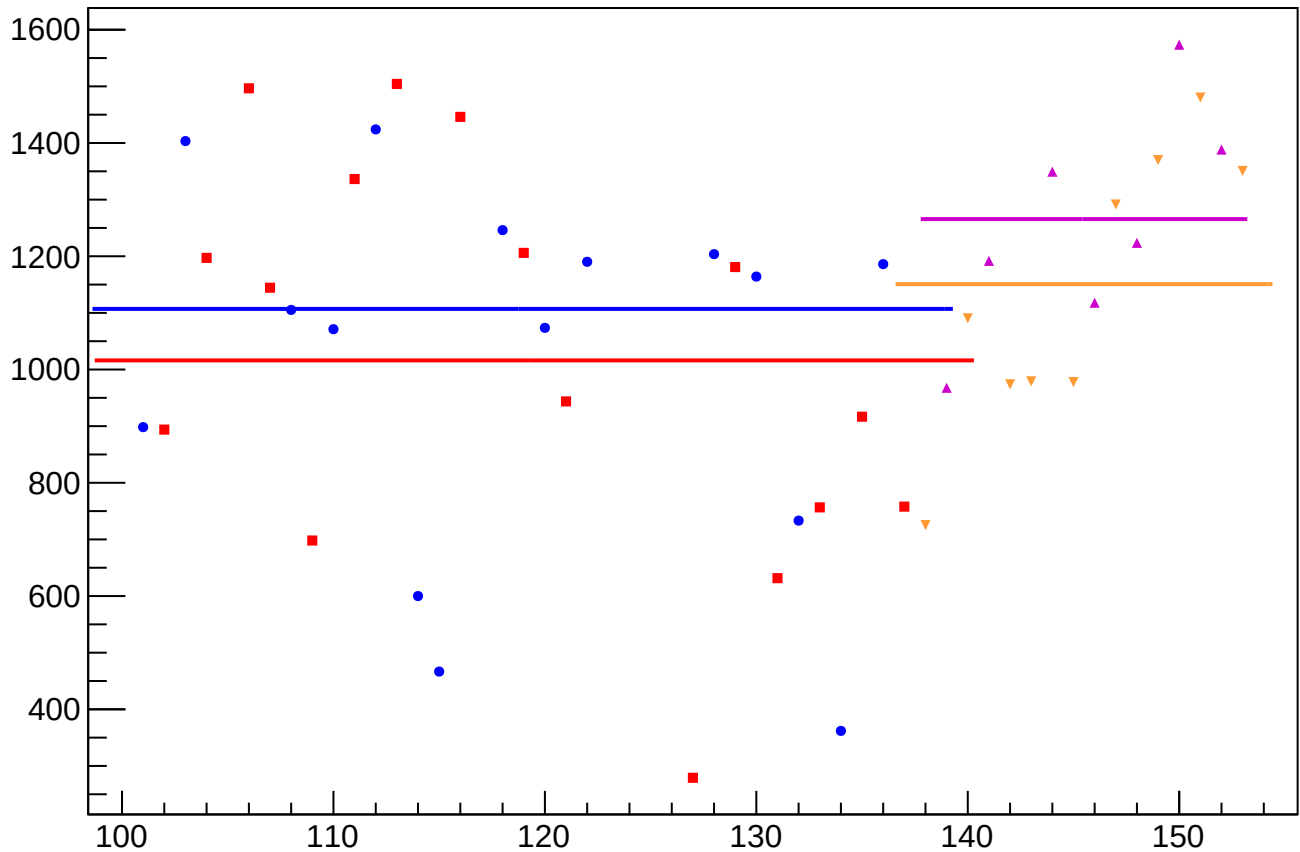
+ sign 17610.693+/-0.000 χ^2/NDF : 2906449923921
 All: 17605.686+/-0.000 χ^2/NDF : 7010644503
 - sign 17600.441+/-0.000 χ^2/NDF : 4104187766426

dit_sam6_coil4_err_mean vs Slug



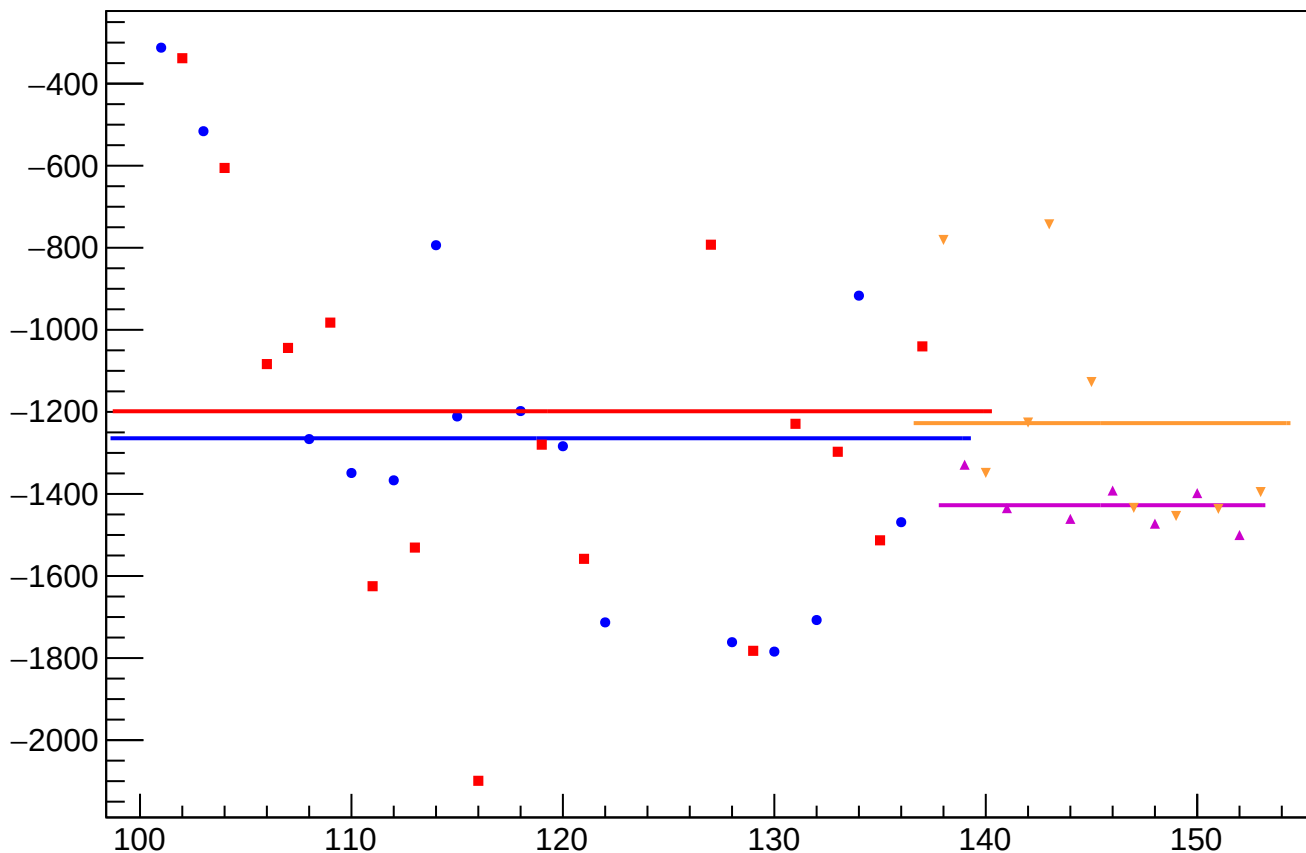
Right In: 232.312 $\pm$ 0.000 χ^2 /NDF: 5478184144885833956204804001180418048.0/14
 Left Out: 291.237 $\pm$ 0.000 χ^2 /NDF: 2296490231165943956542944404754661376.0/8
 Right Out: 204.637 $\pm$ 0.000 χ^2 /NDF: 4555067046835230017930882867882098688.0/15
 Left In: 315.015 $\pm$ 0.000 χ^2 /NDF: 2446987186369046668040069720578195456.0/6

dit_sam6_coil4_Ndata_mean vs Slug



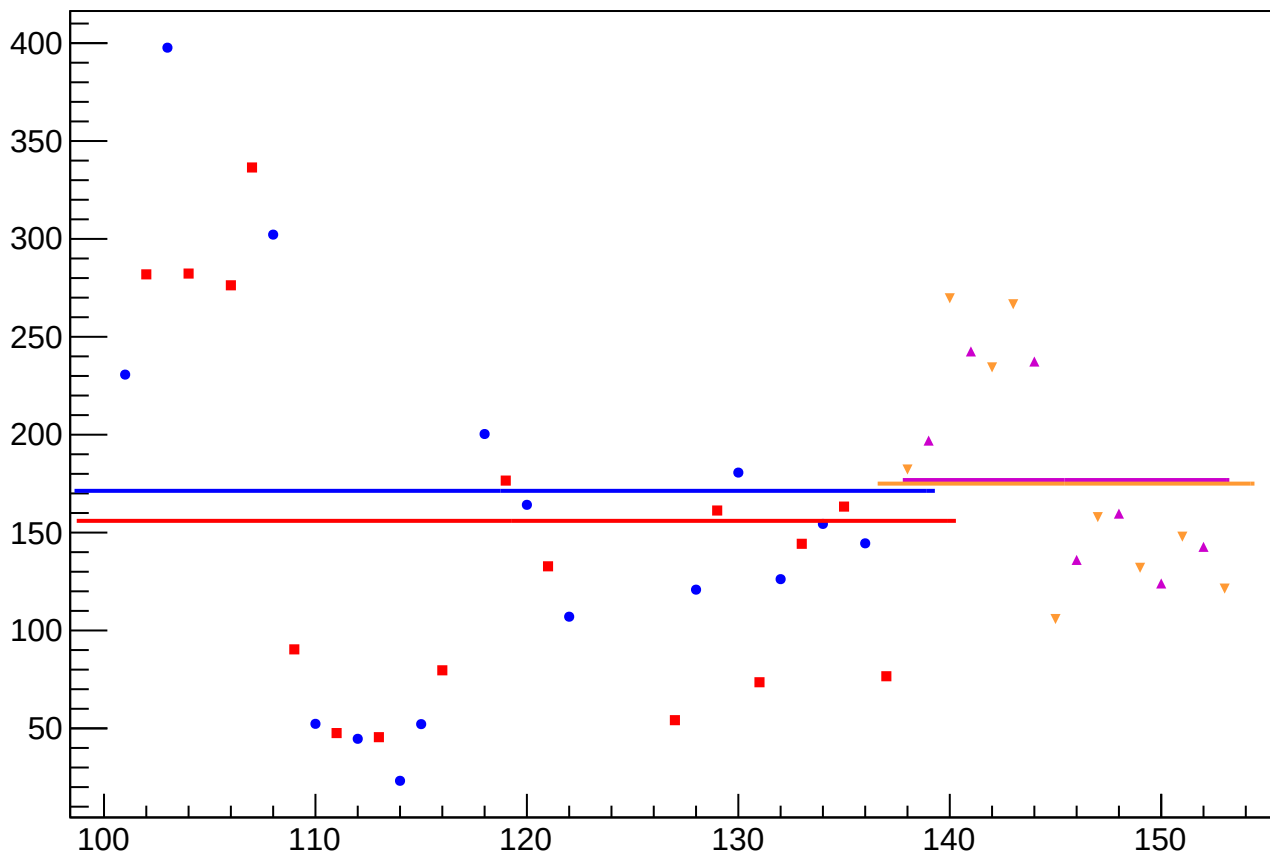
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

dit_sam7_coil4_mean vs Slug



Right In: -1264.303 +/- 0.000 $\chi^2/\text{NDF} = 140215251538502657549173994543931981824.0/14$
 Left Out: -1227.399 +/- 0.000 $\chi^2/\text{NDF} = 46684262980825580678175578386837012480.0/8$
 Right Out: -1198.483 +/- 0.000 $\chi^2/\text{NDF} = 131164763898016793515492217696167133184.0/15$
 Left In: -1427.468 +/- 0.000 $\chi^2/\text{NDF} = 1706975138962670295492763194037895168.0/6$

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

Left Out: 175.011+/-0.000 χ^2/NDF : 2329855537911353756029201814885761024.0/8

Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

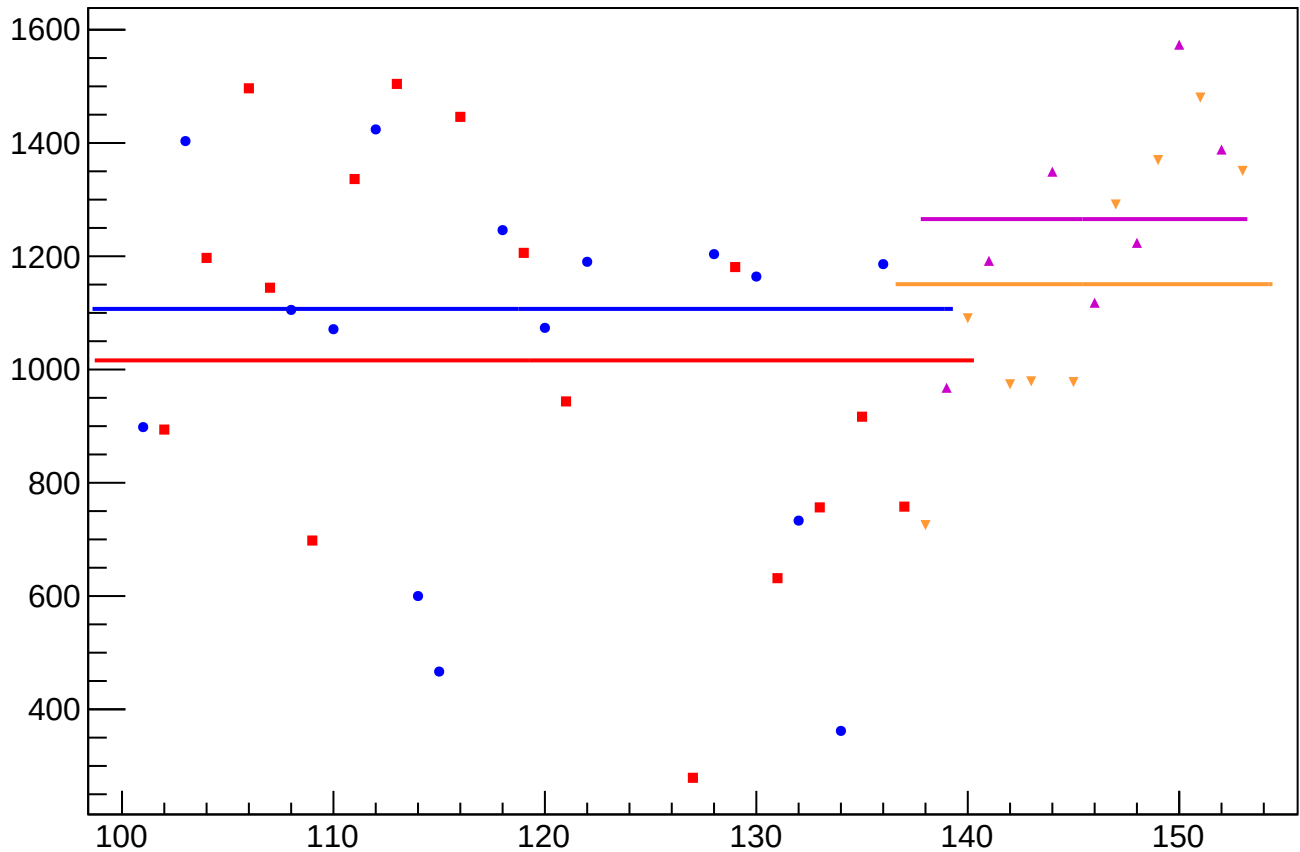
Left In: 176.840+/-0.000 χ^2/NDF : 1243891593427933324566465298611306496.0/6

+ sign 173.207+/-0.000 χ^2/NDF : 845534293945397

All: 169.621+/-0.000 χ^2/NDF : 155521021153

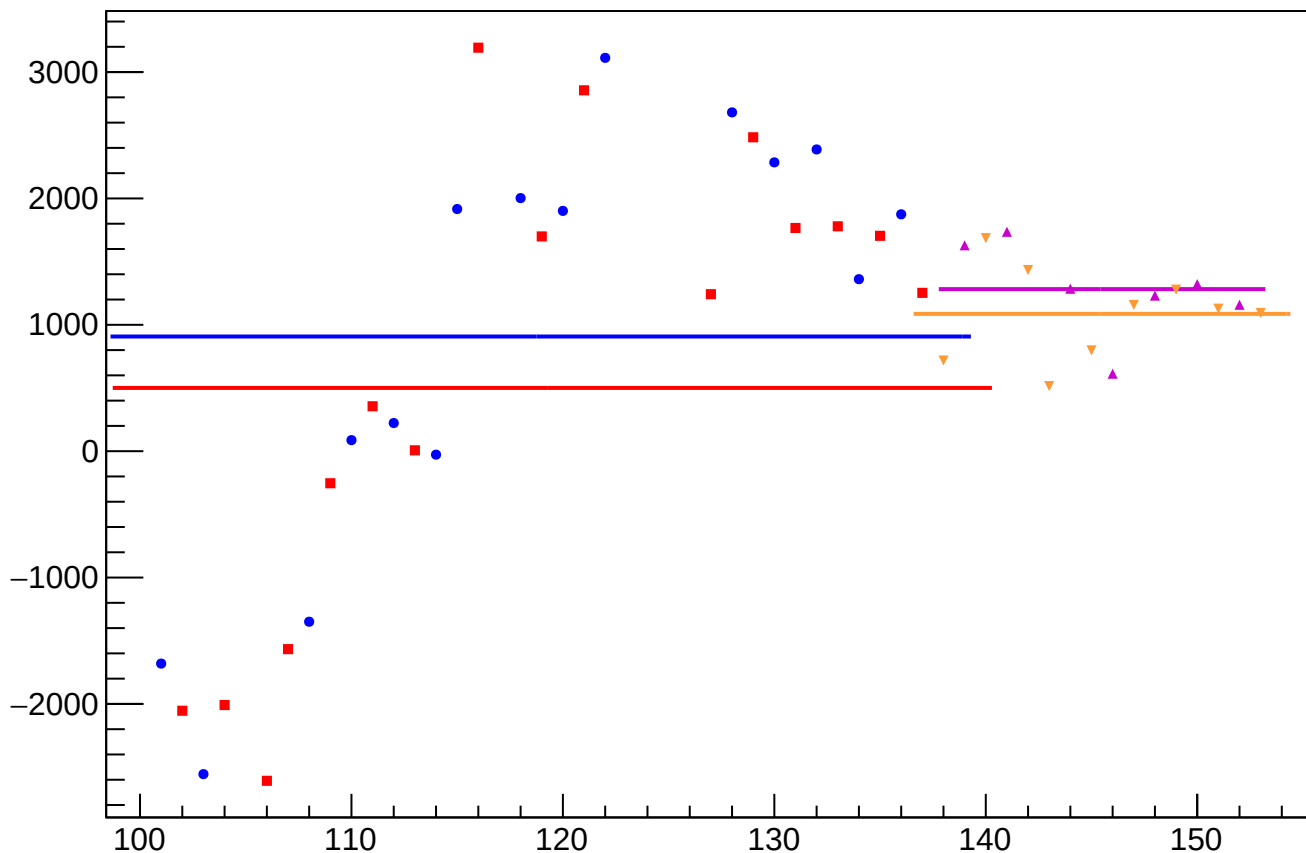
- sign 165.866+/-0.000 χ^2/NDF : 706182421829009

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

dit_sam8_coil4_mean vs Slug



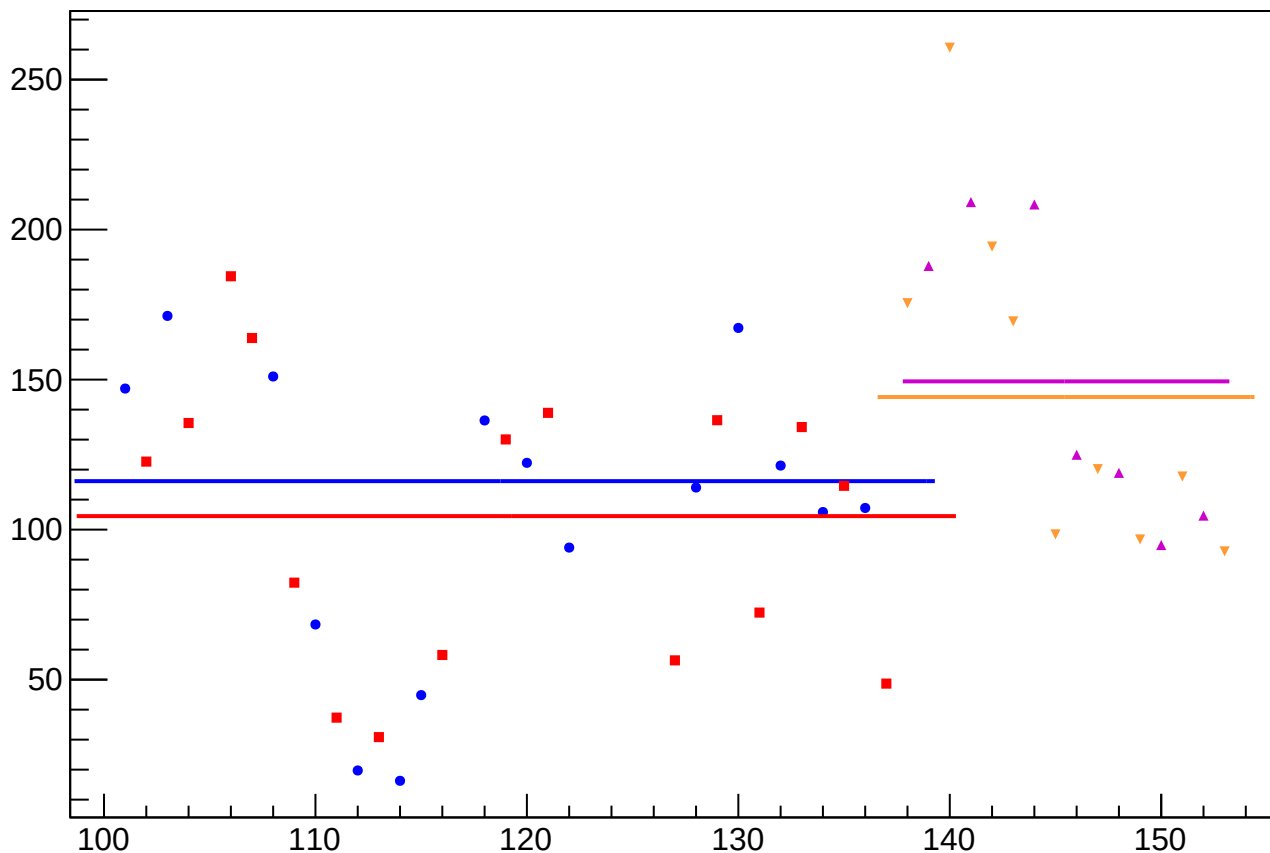
Right In: 907.442+/-0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14

Left Out: 1086.600+/-0.000 χ^2/NDF : 77896677909199374266364507868526280704.0/8

Right Out: 500.689+/-0.000 χ^2/NDF : 2074232918749953174436803426379074895872.0/15

Left In: 1282.467+/-0.000 χ^2/NDF : 66108080456091364678474569390510571520.0/6

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14

Left Out: 144.196+/-0.000 χ^2/NDF : 2029601324705713536965664848484499456.0/8

Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15

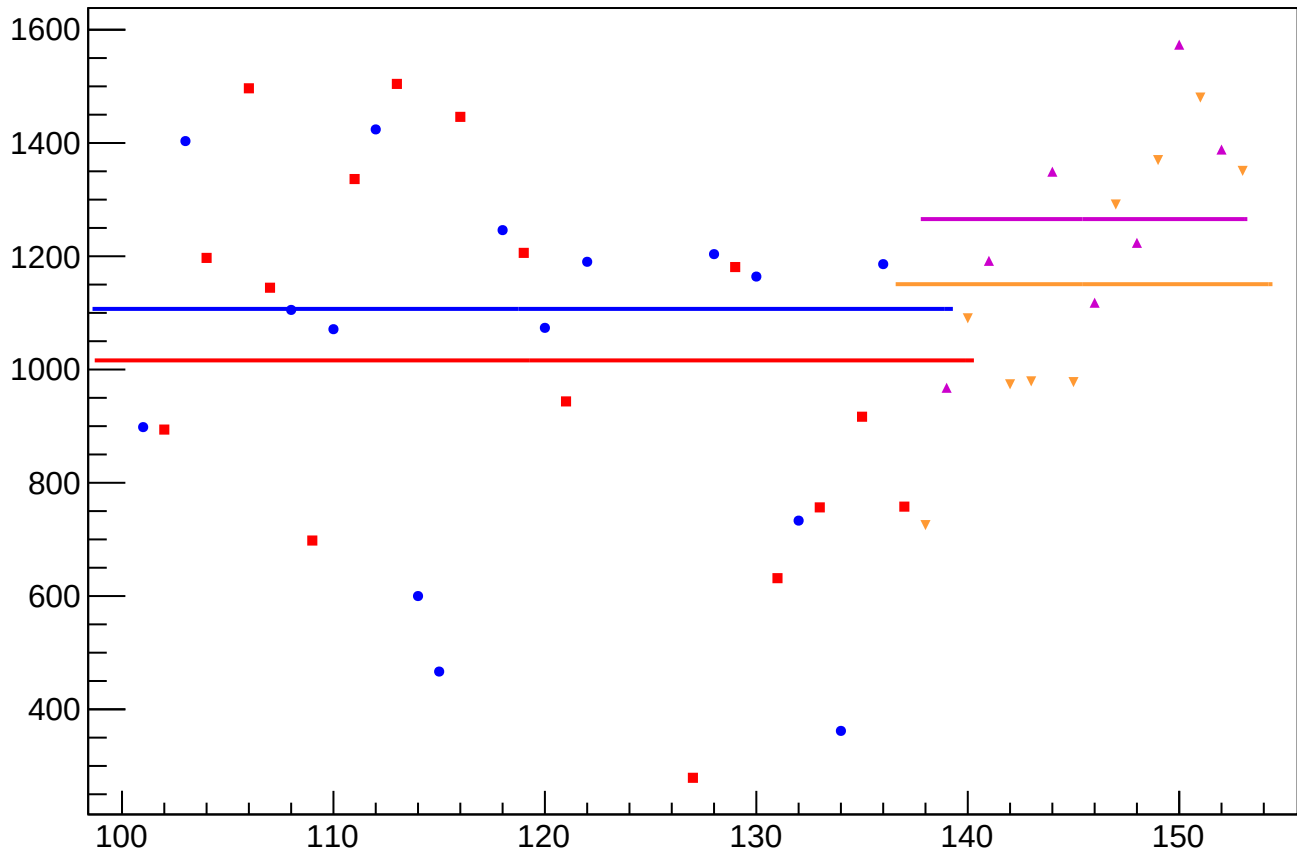
Left In: 149.409+/-0.000 χ^2/NDF : 1305705069404328032740917476631511040.0/6

+ sign 130.484+/-0.000 χ^2/NDF : 348878786336694

All: 128.180+/-0.000 χ^2/NDF : 673191740662

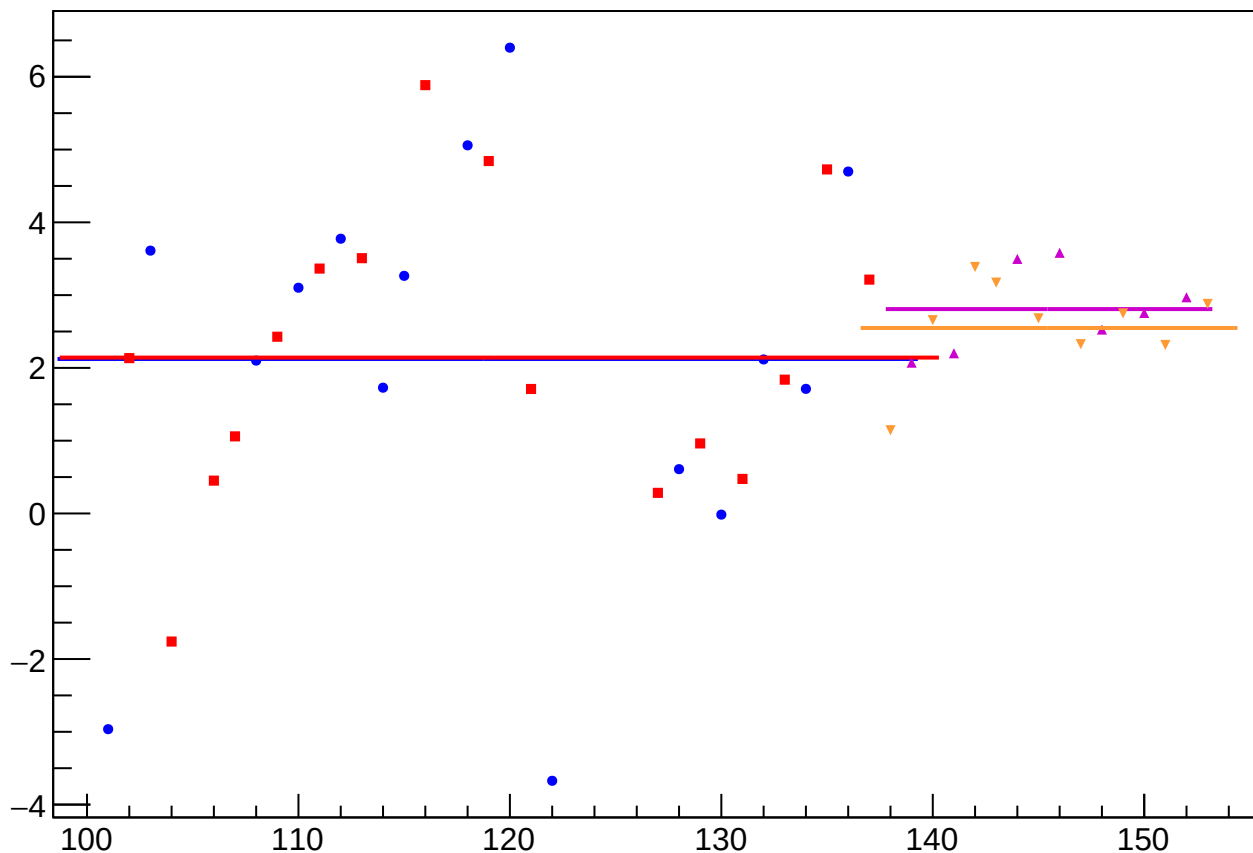
- sign 125.767+/-0.000 χ^2/NDF : 322870842920536

dit_sam8_coil4_Ndata_mean vs Slug



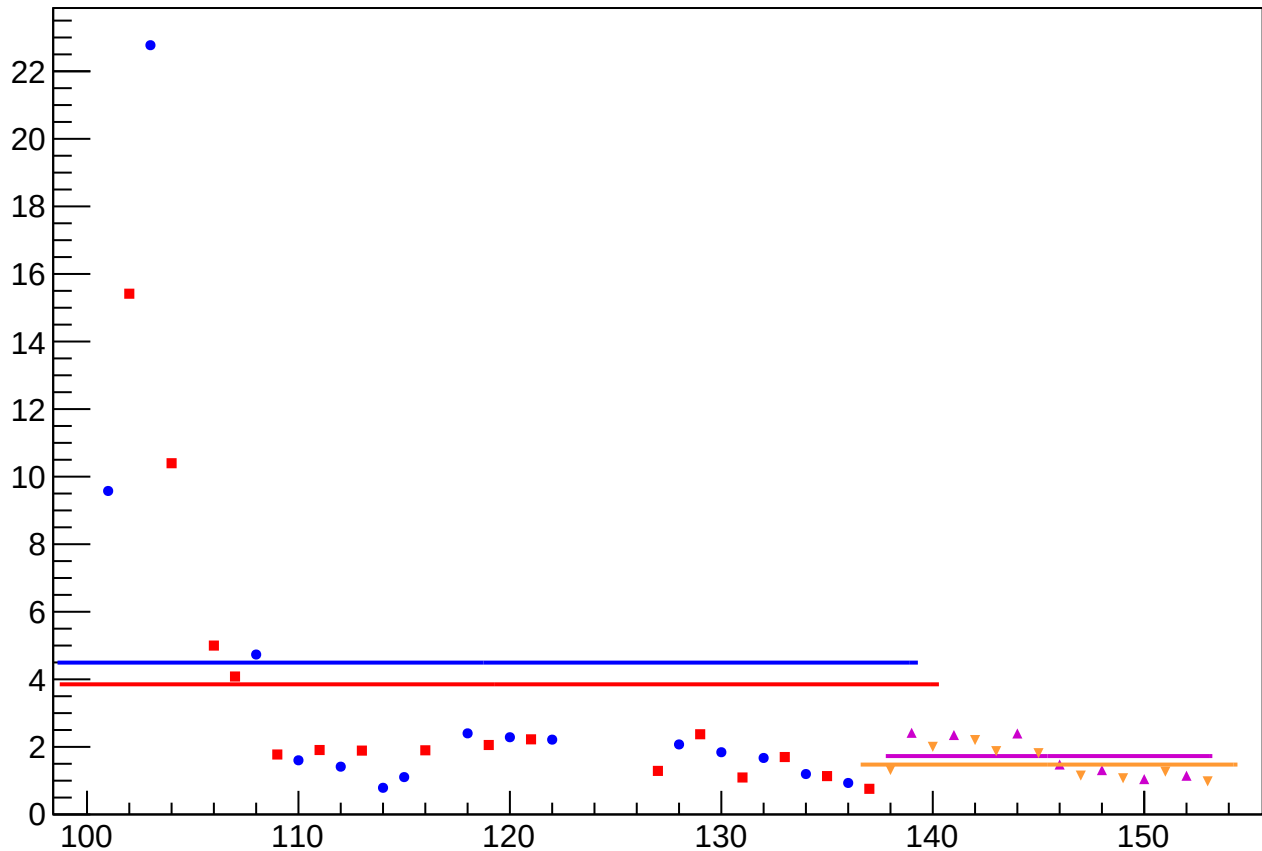
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6

dit_4aX_coil6_mean vs Slug



Right In: 2.123 ± 0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.548 ± 0.000 χ^2/NDF : 235526915906166694733808010264576.0/8
 Right Out: 2.142 ± 0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: 2.808 ± 0.000 χ^2/NDF : 176363642274517552735558880460800.0/6

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14

Left Out: 1.476 $\pm$ 0.000 χ^2 /NDF: 115180070721705304376636205957120.0/8

Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15

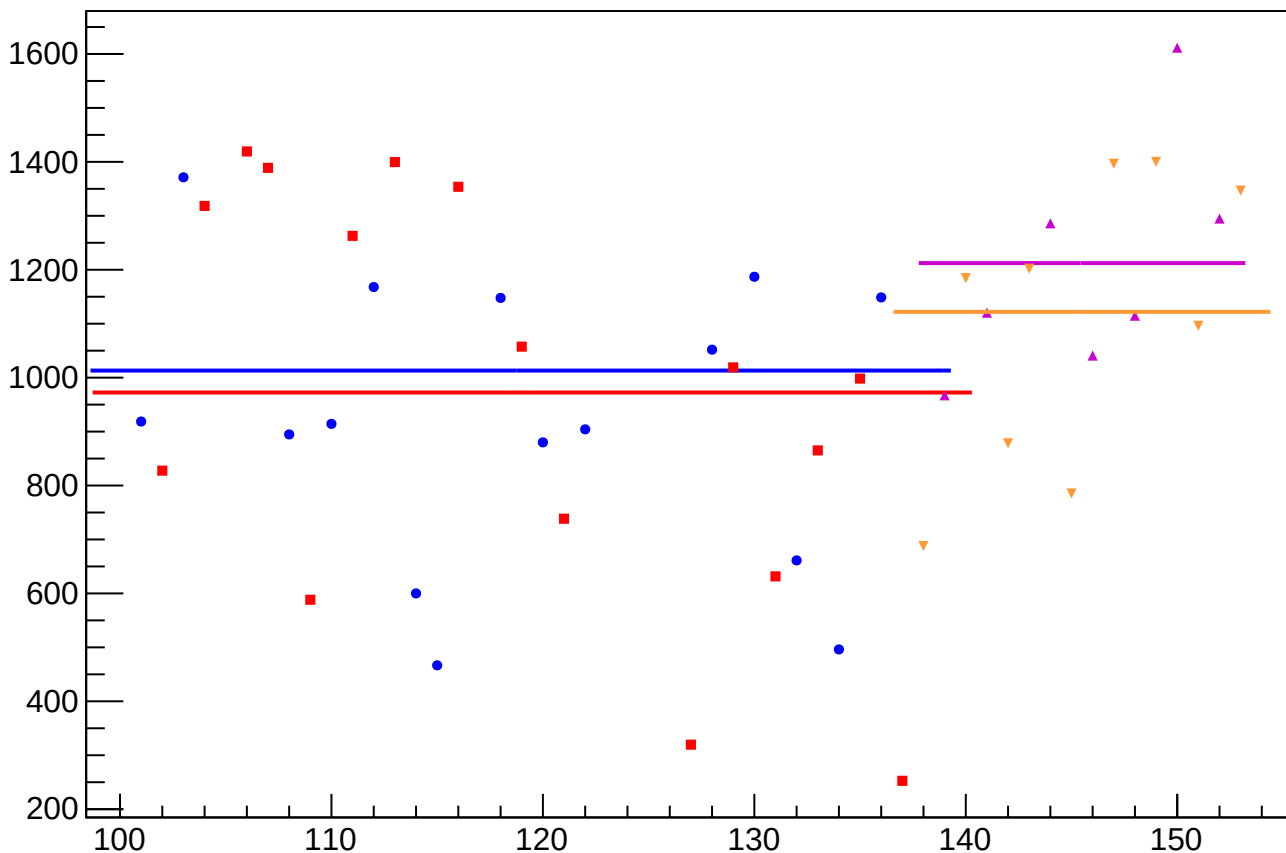
Left In: 1.728 $\pm$ 0.000 χ^2 /NDF: 202849934277121239797089479688192.0/6

+ sign 2.953 $\pm$ 0.000 χ^2 /NDF: 28406956638246645

All: 2.901 $\pm$ 0.000 χ^2 /NDF: 42356961341910

- sign 2.847 $\pm$ 0.000 χ^2 /NDF: 13942689598487434

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971+/-0.000 χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

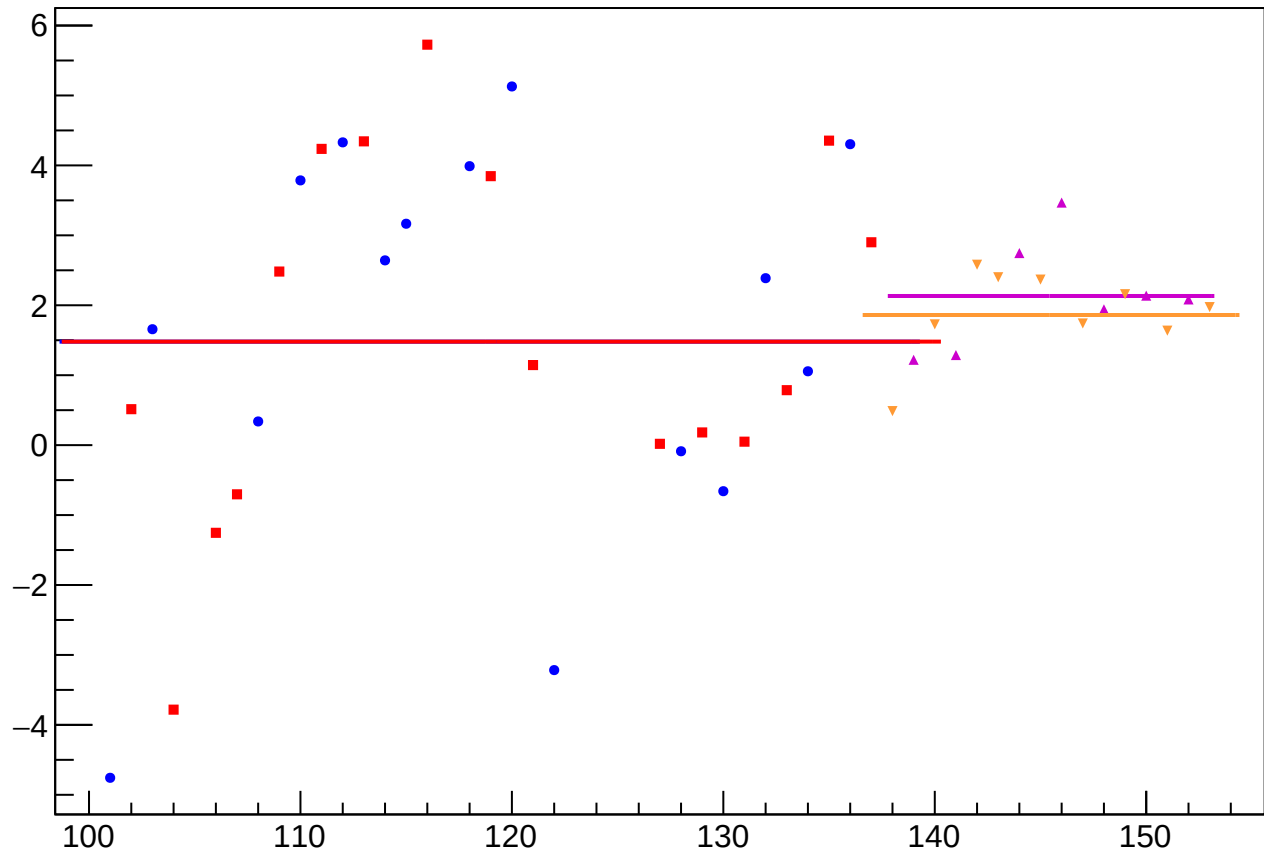
Left In: 1212.355+/-0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

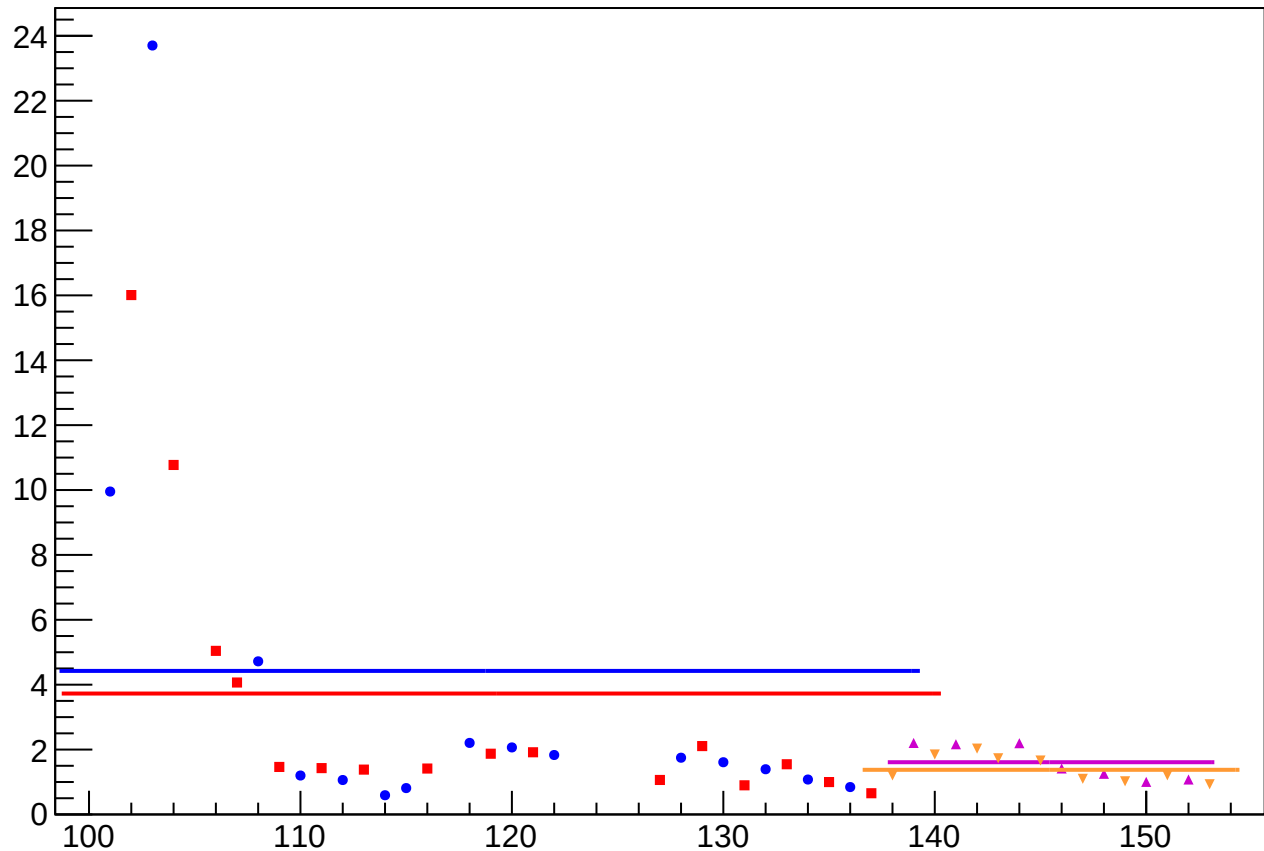
- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_4eX_coil6_mean vs Slug



Right In: 1.480 ± 0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 1.861 ± 0.000 χ^2/NDF : 226342542856713048095649731444736.0/8
 Right Out: 1.480 ± 0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: 2.133 ± 0.000 χ^2/NDF : 312873100309308605204188910059520.0/6

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.376+/-0.000 χ^2/NDF : 91002318249972165549610401529856.0/8

Right Out: 3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15

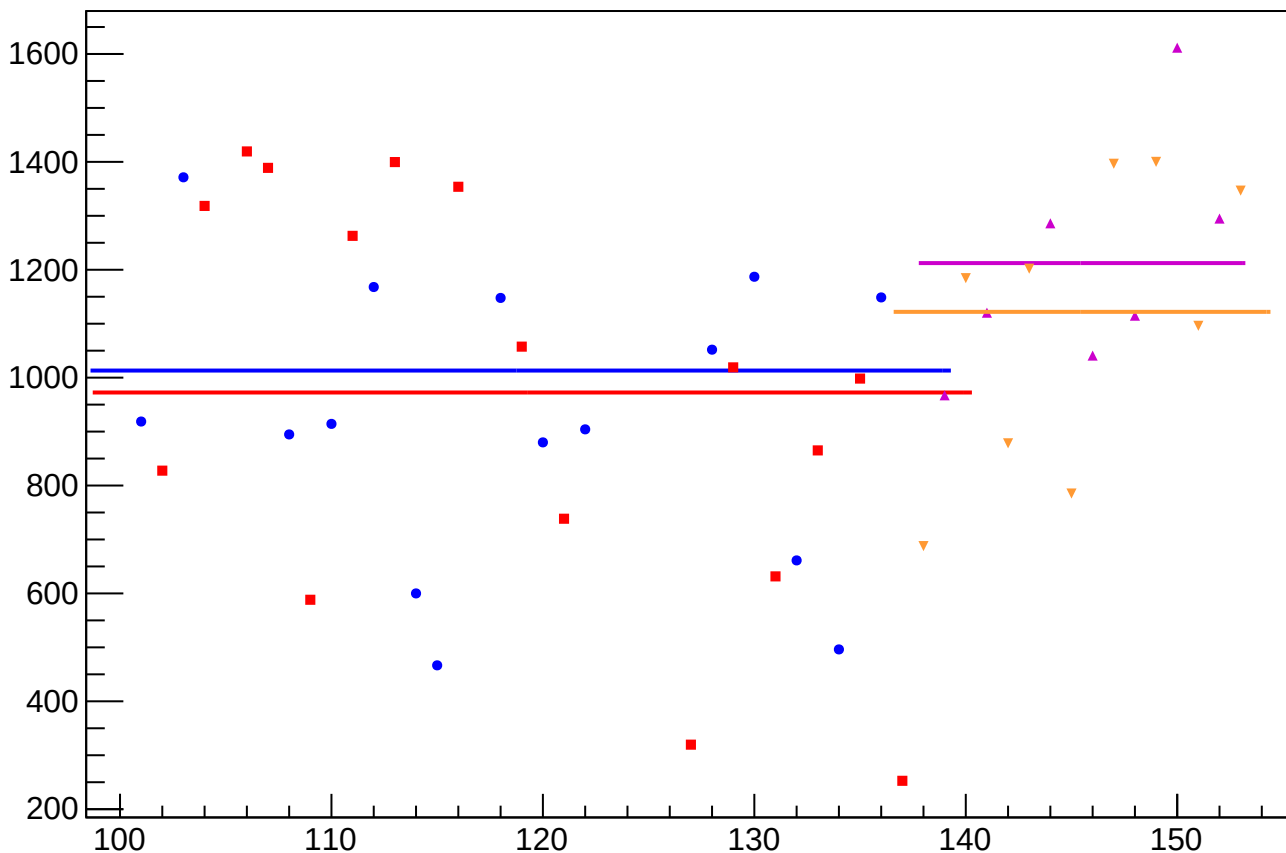
Left In: 1.610+/-0.000 χ^2/NDF : 157126200165884010971821542211584.0/6

+ sign 2.867+/-0.000 χ^2/NDF : 31429937574122491

All: 2.797+/-0.000 χ^2/NDF : 47007509935184

- sign 2.725+/-0.000 χ^2/NDF : 15564437489318647

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971+/-0.000 χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

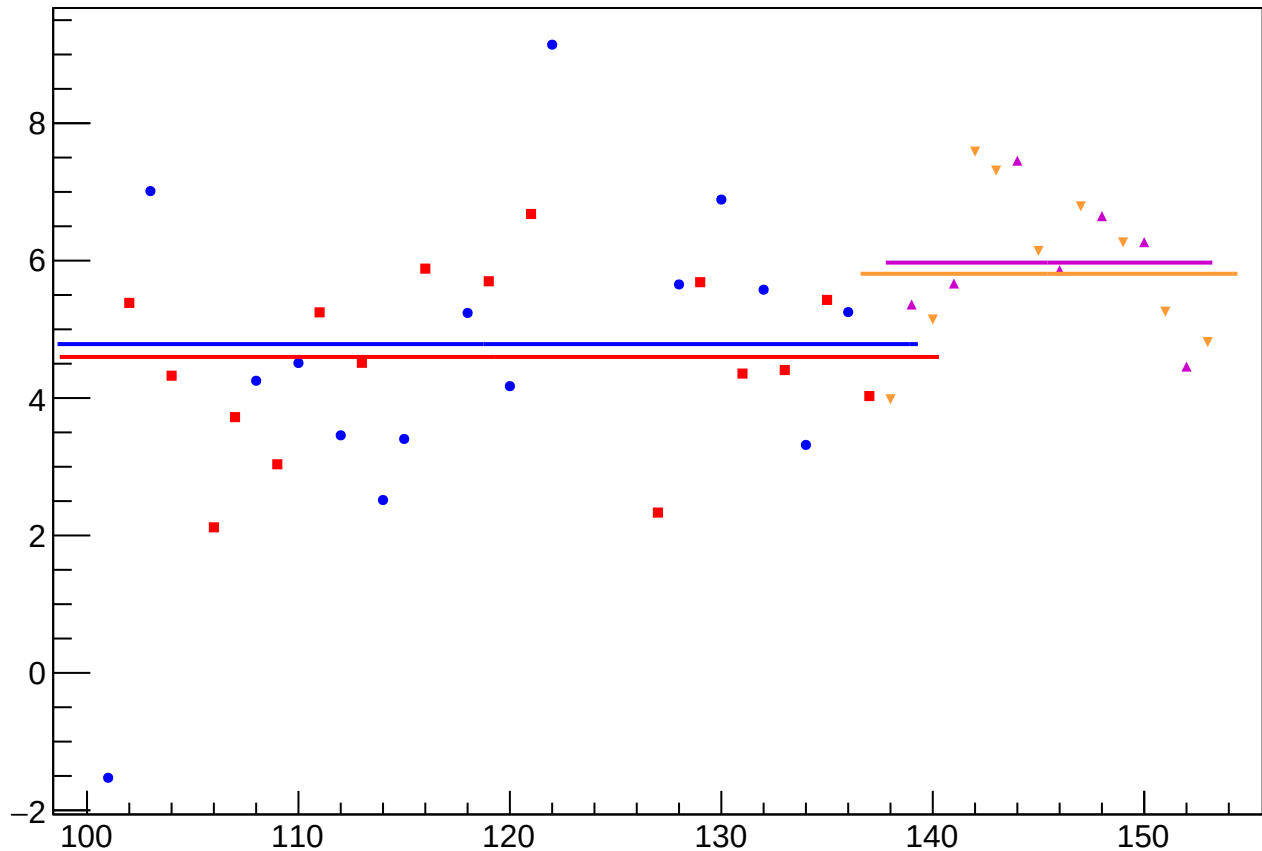
Left In: 1212.355+/-0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

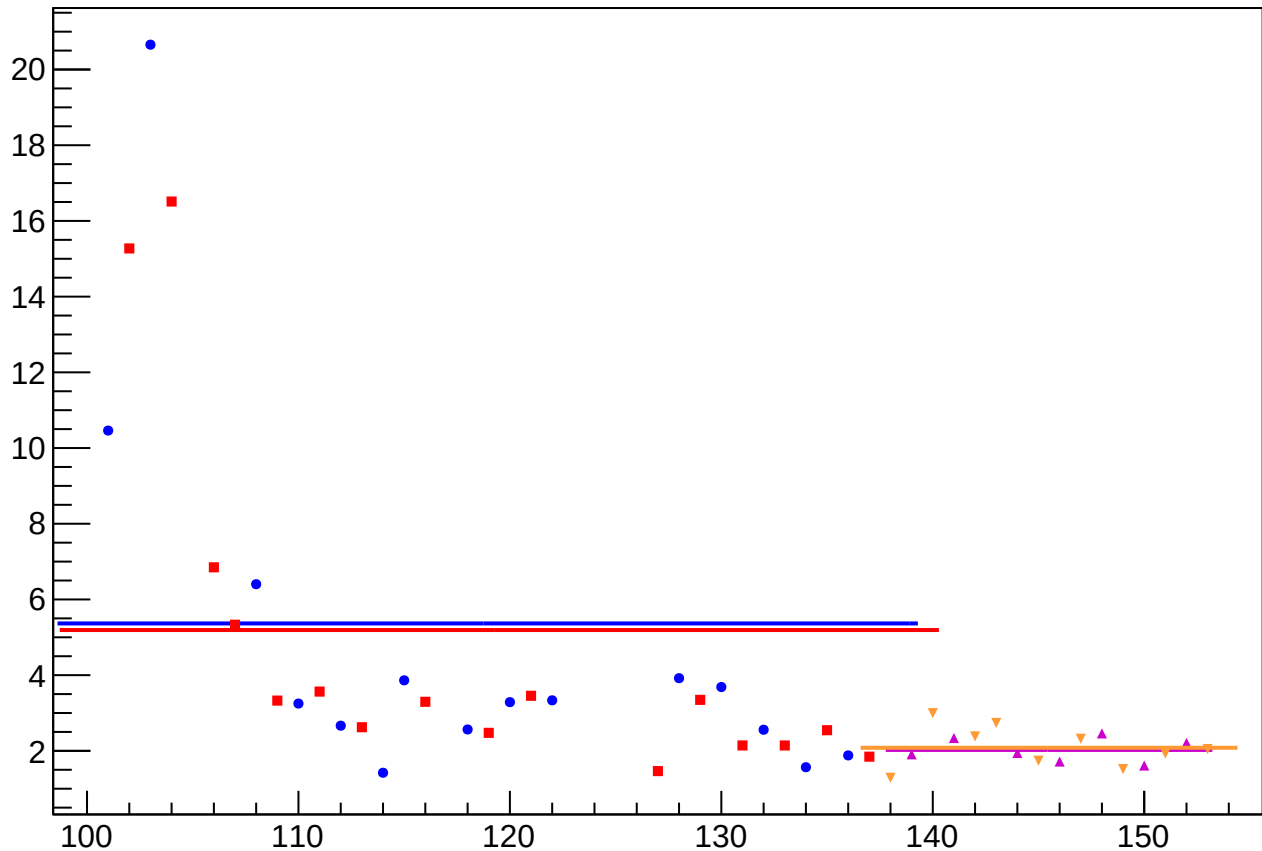
dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000	χ^2/NDF : 3996556073154779711808159470321664.0/14
Left Out: 5.809+/-0.000	χ^2/NDF : 802095910808286187470698657611776.0/8
Right Out: 4.598+/-0.000	χ^2/NDF : 989607156792948633247632779640832.0/15
Left In: 5.971+/-0.000	χ^2/NDF : 480449500091400746049197951680512.0/6

+ sign 5.308+/-0.000 χ^2/NDF : 51461886308341301
 All: 5.279+/-0.000 χ^2/NDF : 72139381819785
 - sign 5.248+/-0.000 χ^2/NDF : 20654412108519107

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.082+/-0.000 χ^2/NDF : 192834906769967902242651848572928.0/8

Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

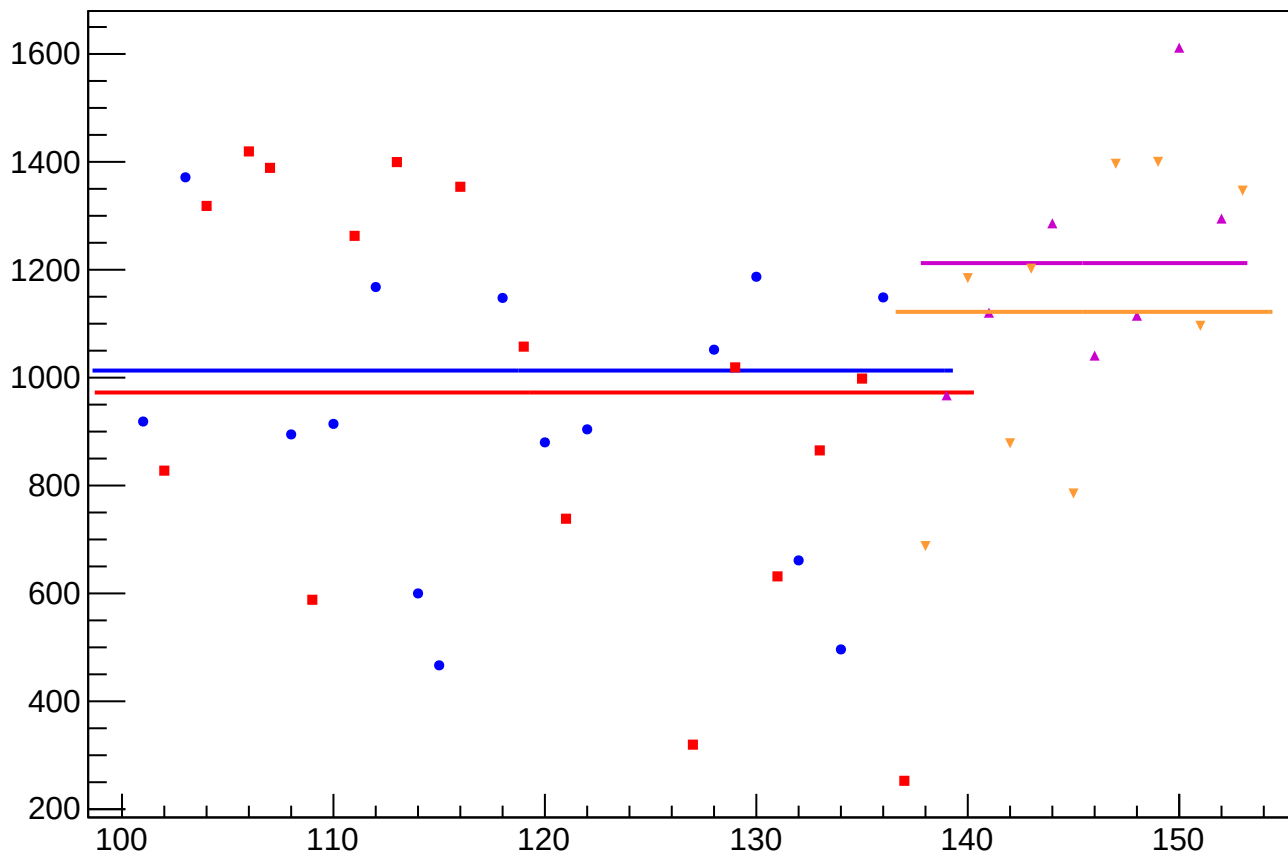
Left In: 2.025+/-0.000 χ^2/NDF : 52462672547267797545668831084544.0/6

+ sign 3.688+/-0.000 χ^2/NDF : 22550191293224255

All: 3.690+/-0.000 χ^2/NDF : 41521254536552

- sign 3.692+/-0.000 χ^2/NDF : 18971052170377267

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971+/-0.000

χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355+/-0.000

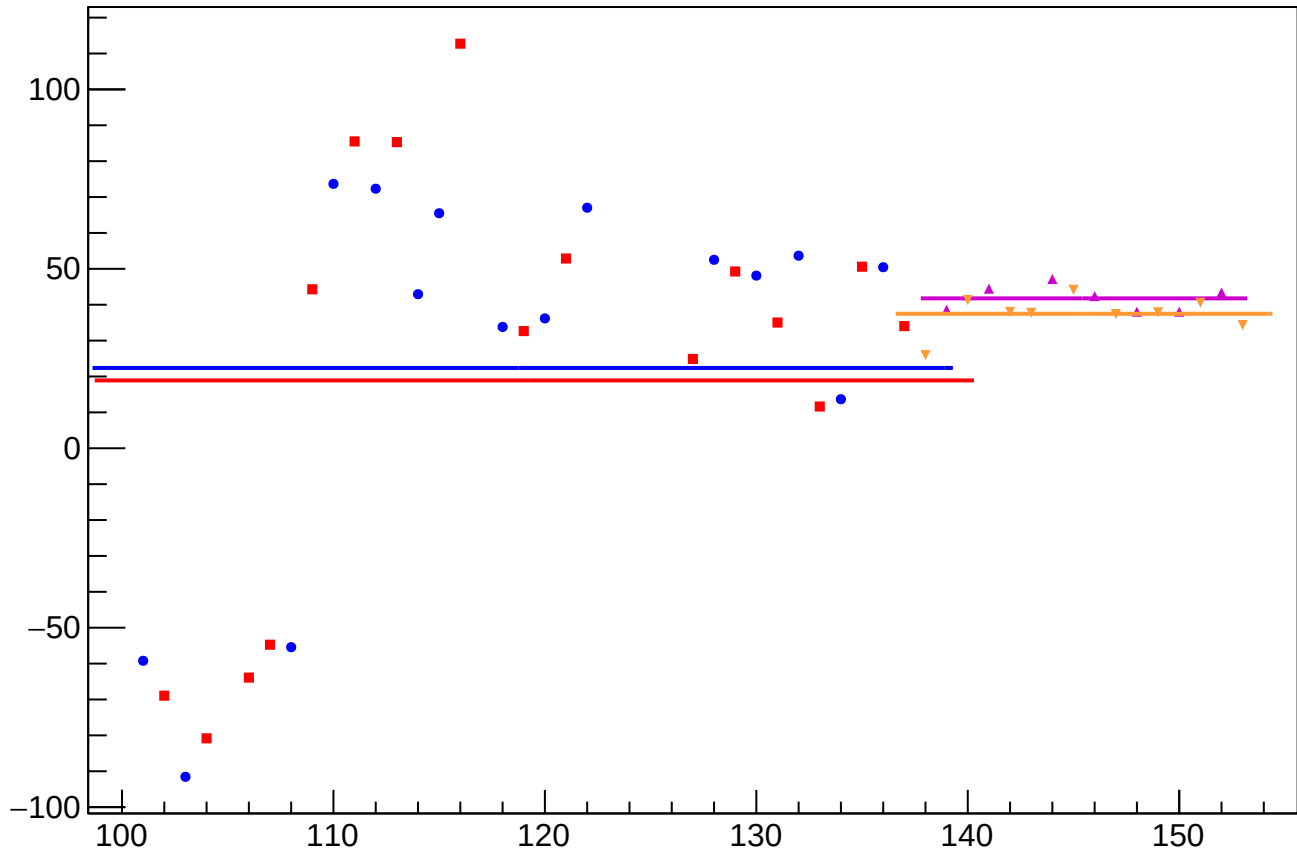
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.472+/-0.000 χ^2/NDF : 16811192975448682065050060833423360.0/8

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

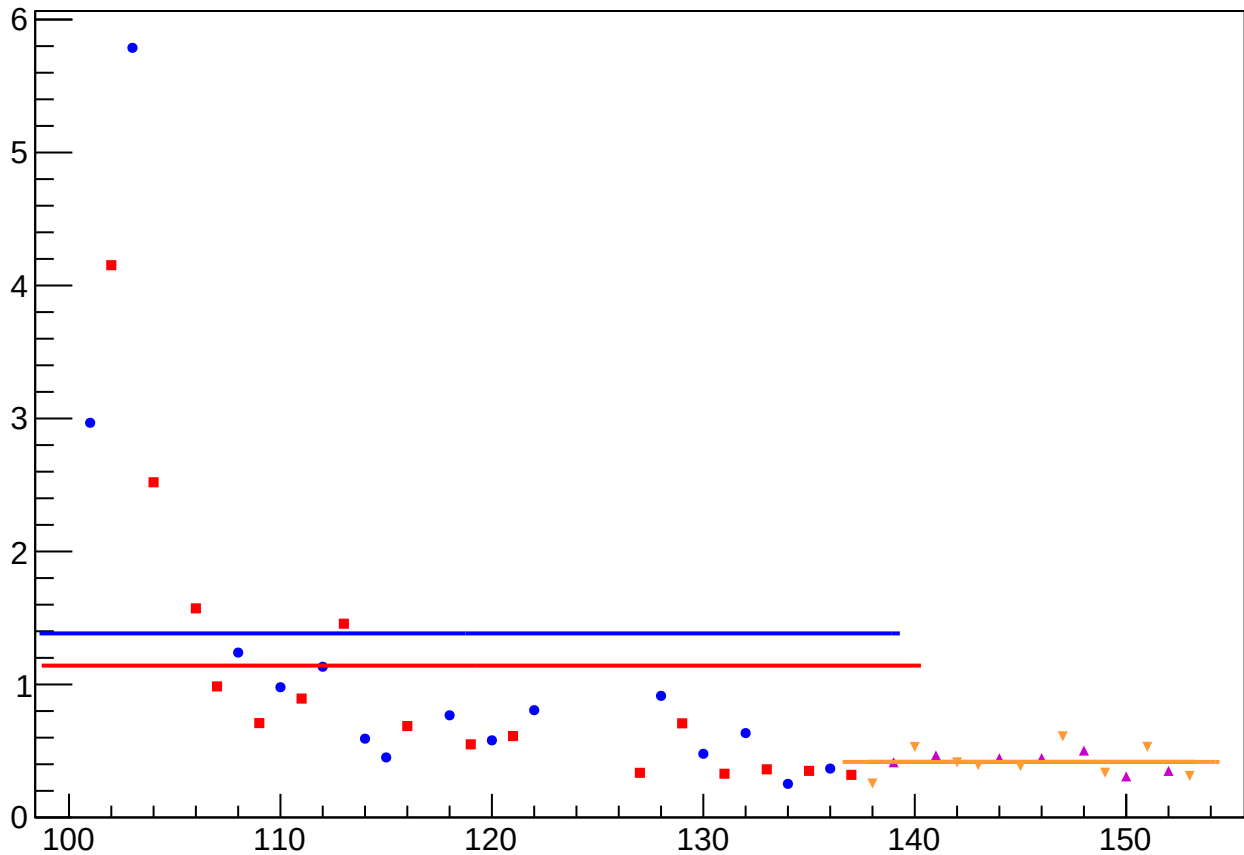
Left In: 41.766+/-0.000 χ^2/NDF : 6715390841799434681646564209852416.0/6

All: 29.917+/-0.000 χ^2/NDF : 4368626275468

+ sign 30.093+/-0.000 χ^2/NDF : 2014554595485282

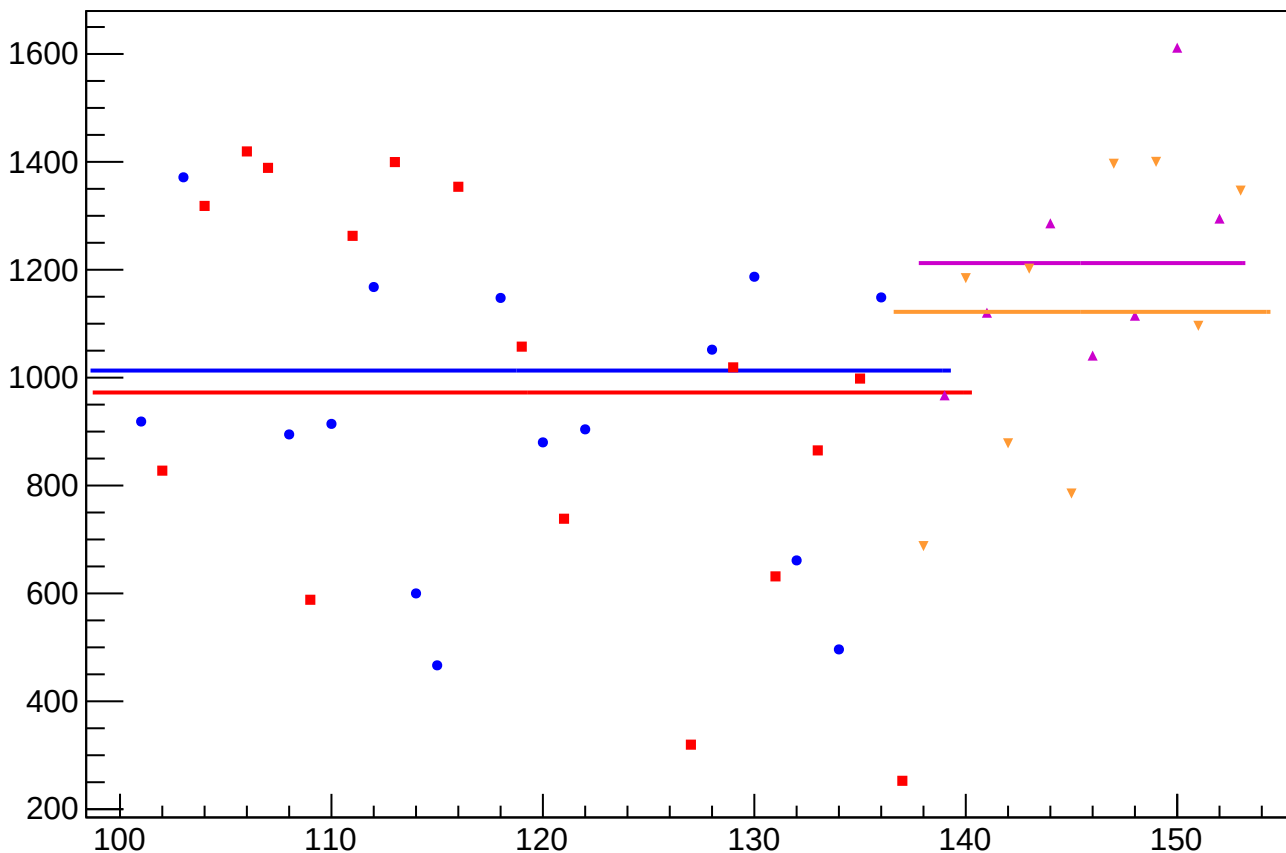
- sign 29.732+/-0.000 χ^2/NDF : 2353987223147506

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 $\pm$ 0.000 χ^2 /NDF: 1571159324102064120487940936695808.0/14
 Left Out: 0.418 $\pm$ 0.000 χ^2 /NDF: 8583723865533905000578569732096.0/8
 Right Out: 1.142 $\pm$ 0.000 χ^2 /NDF: 810680738285448955223066212827136.0/15
 Left In: 0.418 $\pm$ 0.000 χ^2 /NDF: 2434641210825852667569348018176.0/6

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: 972.465+/-0.000

Left In: 1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 4409410117425038381709514549377577792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

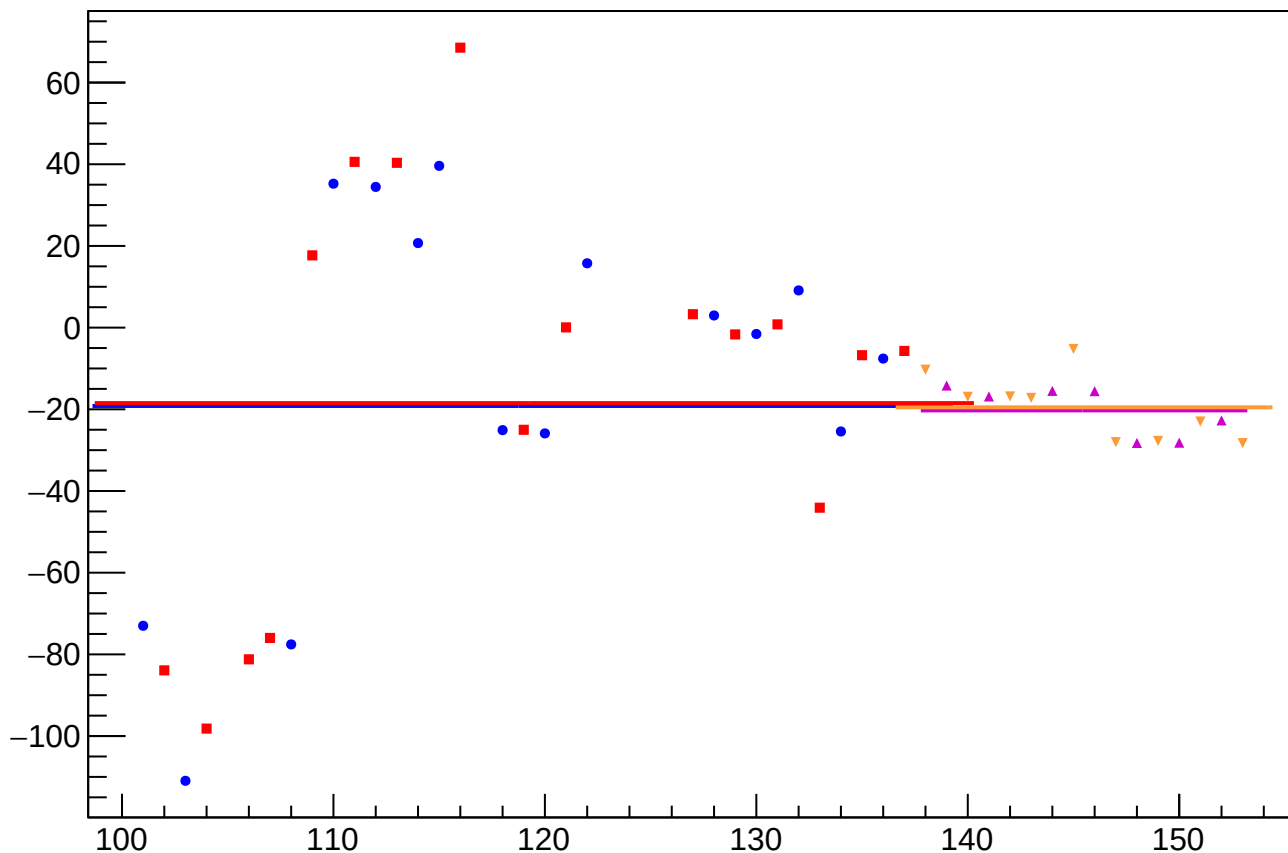
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -19.517 ± 0.000 χ^2/NDF : 43224998004121266240219105246314496.0/8

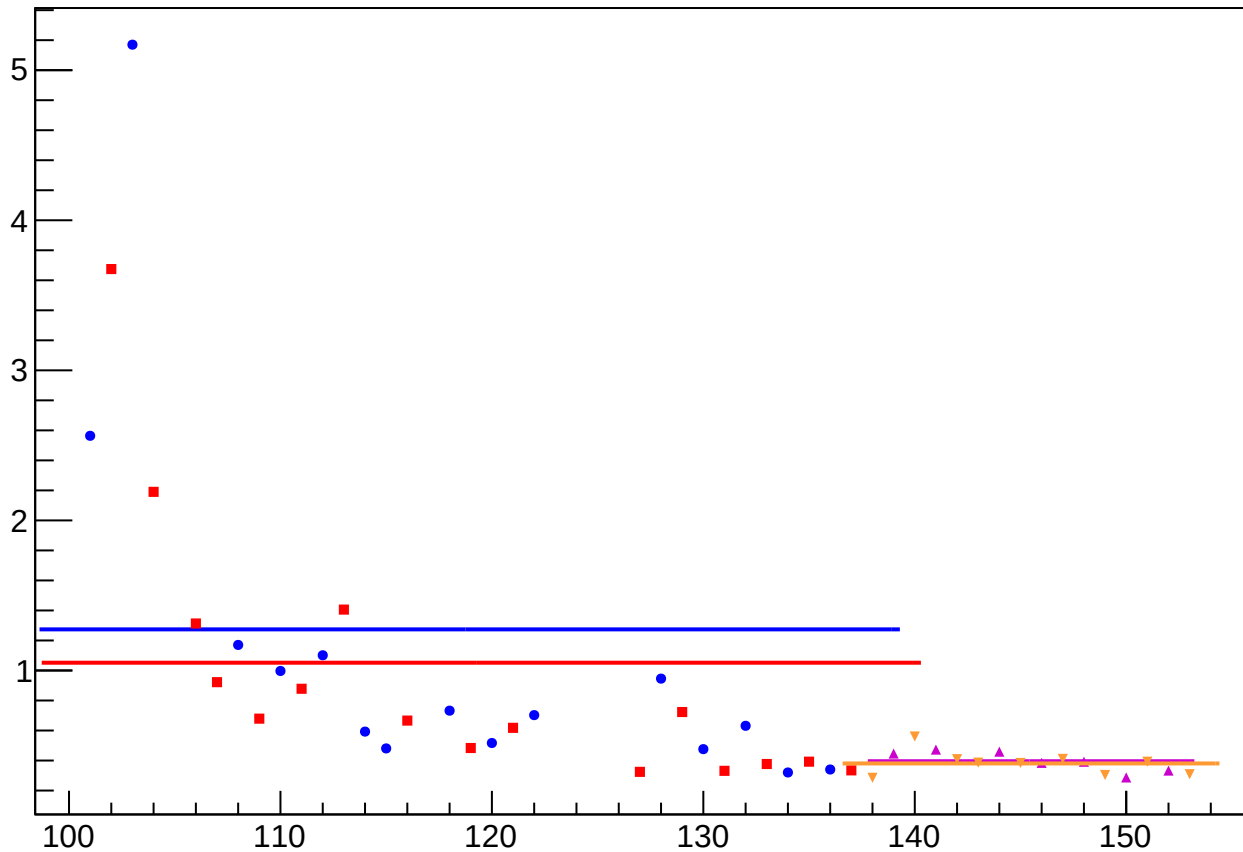
Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: -20.268 ± 0.000 χ^2/NDF : 19393447314668135841032691926433792.0/6

All: -19.338 ± 0.000 χ^2/NDF : 279943146561

- sign -19.326 ± 0.000 χ^2/NDF : 1509802666422740

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14

Left Out: 0.381 ± 0.000 χ^2/NDF : 4409856942651405363008319258624.0/8

Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15

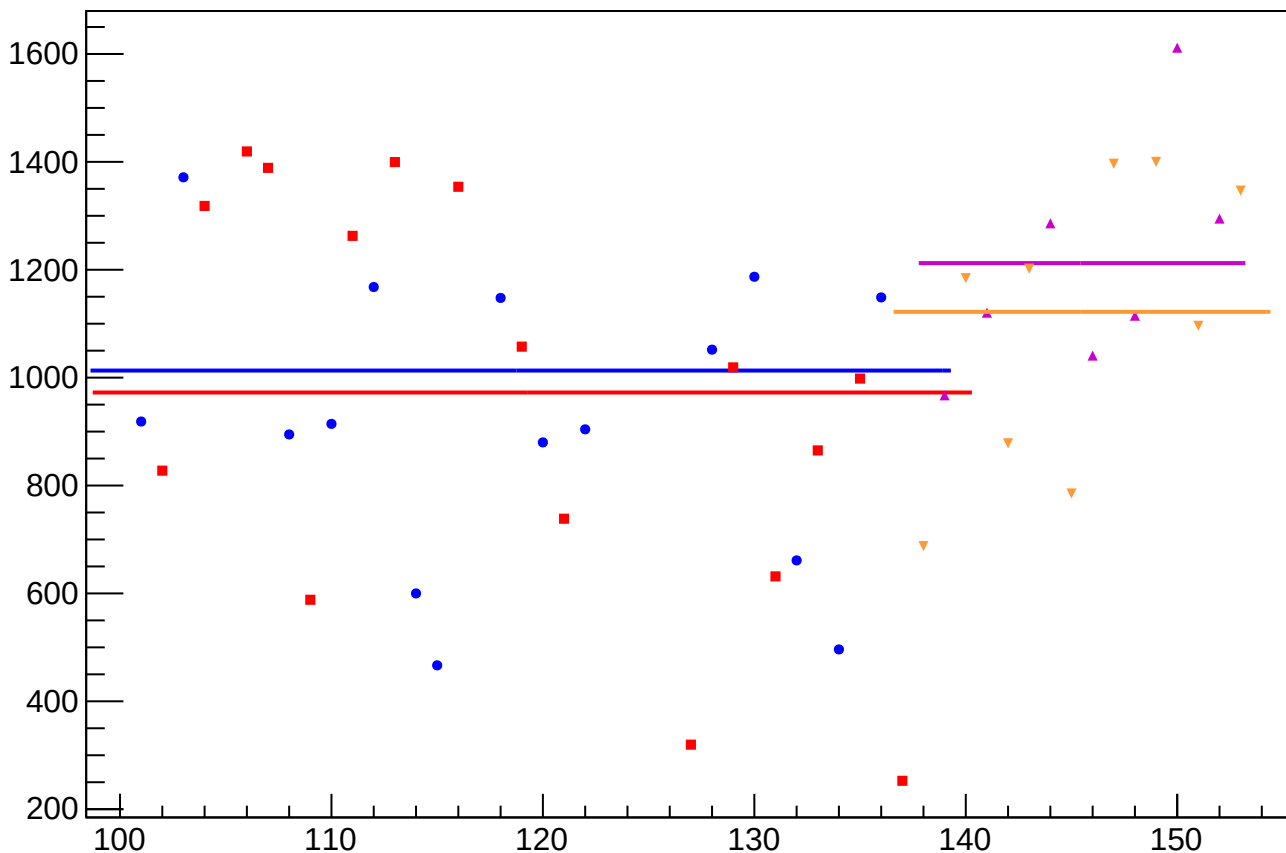
Left In: 0.395 ± 0.000 χ^2/NDF : 2494079906257505257127474626560.0/6

+ sign 0.817 ± 0.000 χ^2/NDF : 14811507449296464

All: 0.780 ± 0.000 χ^2/NDF : 22309020239492

- sign 0.741 ± 0.000 χ^2/NDF : 74595313762832268

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: 972.465+/-0.000

Left In: 1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 4409410117425038381709514549377577792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

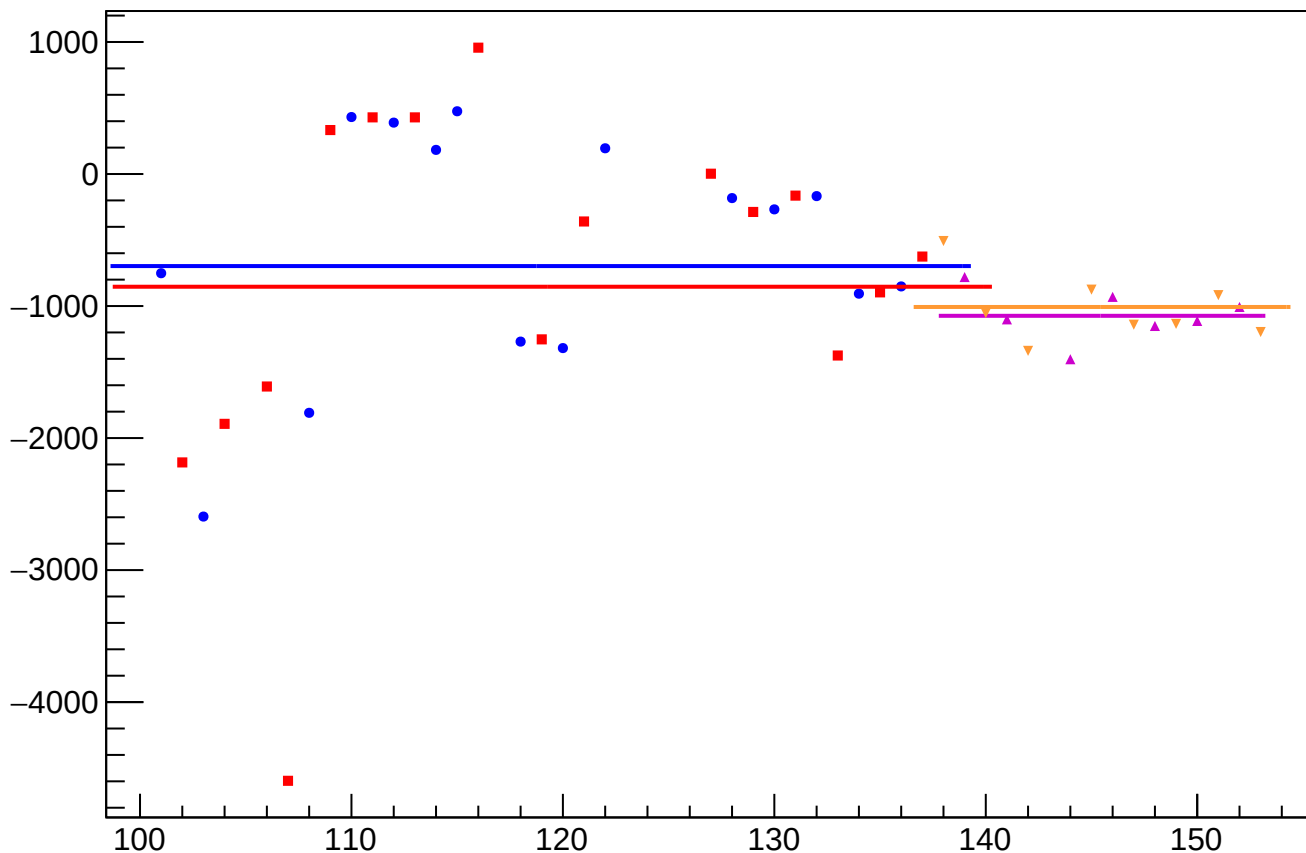
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14

+ sign -847.511+/-0.000 χ^2/NDF : 55322251119529

Left Out: -1007.082+/-0.000 χ^2/NDF : 32581789781416783320392974922674077696.0/7

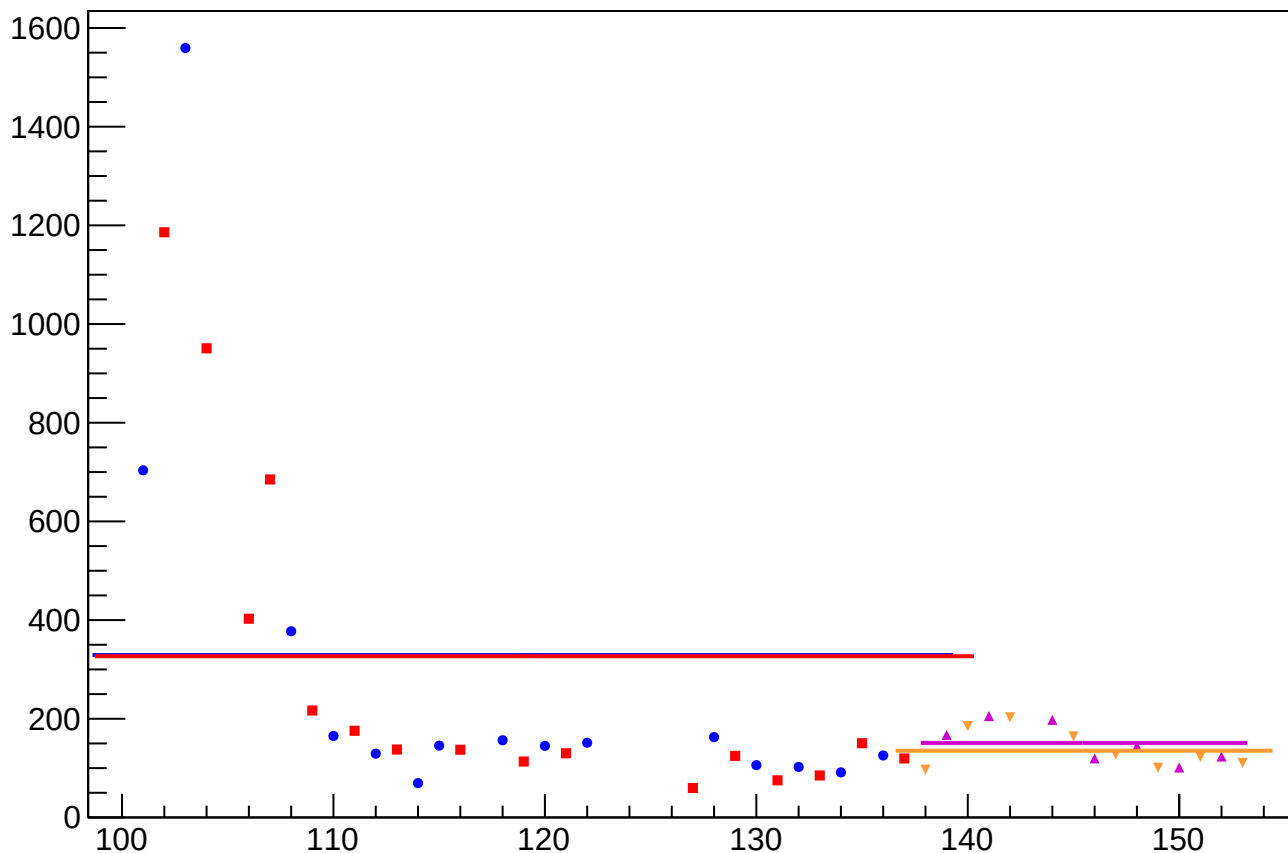
All: -902.928+/-0.000 χ^2/NDF : 16740512571

Right Out: -853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15

- sign -958.038+/-0.000 χ^2/NDF : 111311118882504

Left In: -1073.990+/-0.000 χ^2/NDF : 19408693467597515625701884047487139840.0/6

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 135.290+/-0.000 χ^2/NDF : 764474301819176374774905107898171392.0/7

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

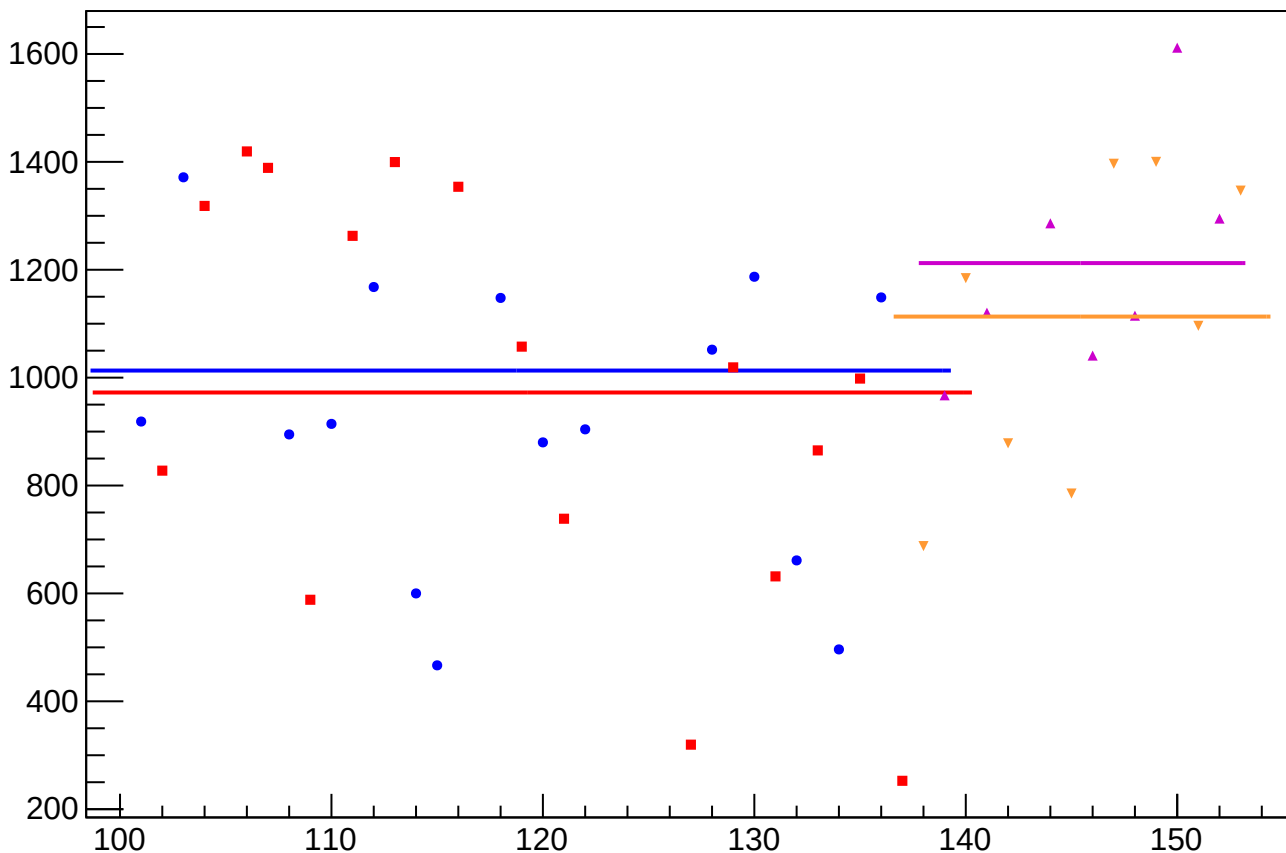
Left In: 151.130+/-0.000 χ^2/NDF : 845387015527902092700176016794976256.0/6

+ sign 235.122+/-0.000 χ^2/NDF : 129450605979632

All: 239.350+/-0.000 χ^2/NDF : 227645906914

- sign 243.554+/-0.000 χ^2/NDF : 981503789358786

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1113.196+/-0.000 χ^2/NDF : 43618107181374068267805103212996853760.0/7

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

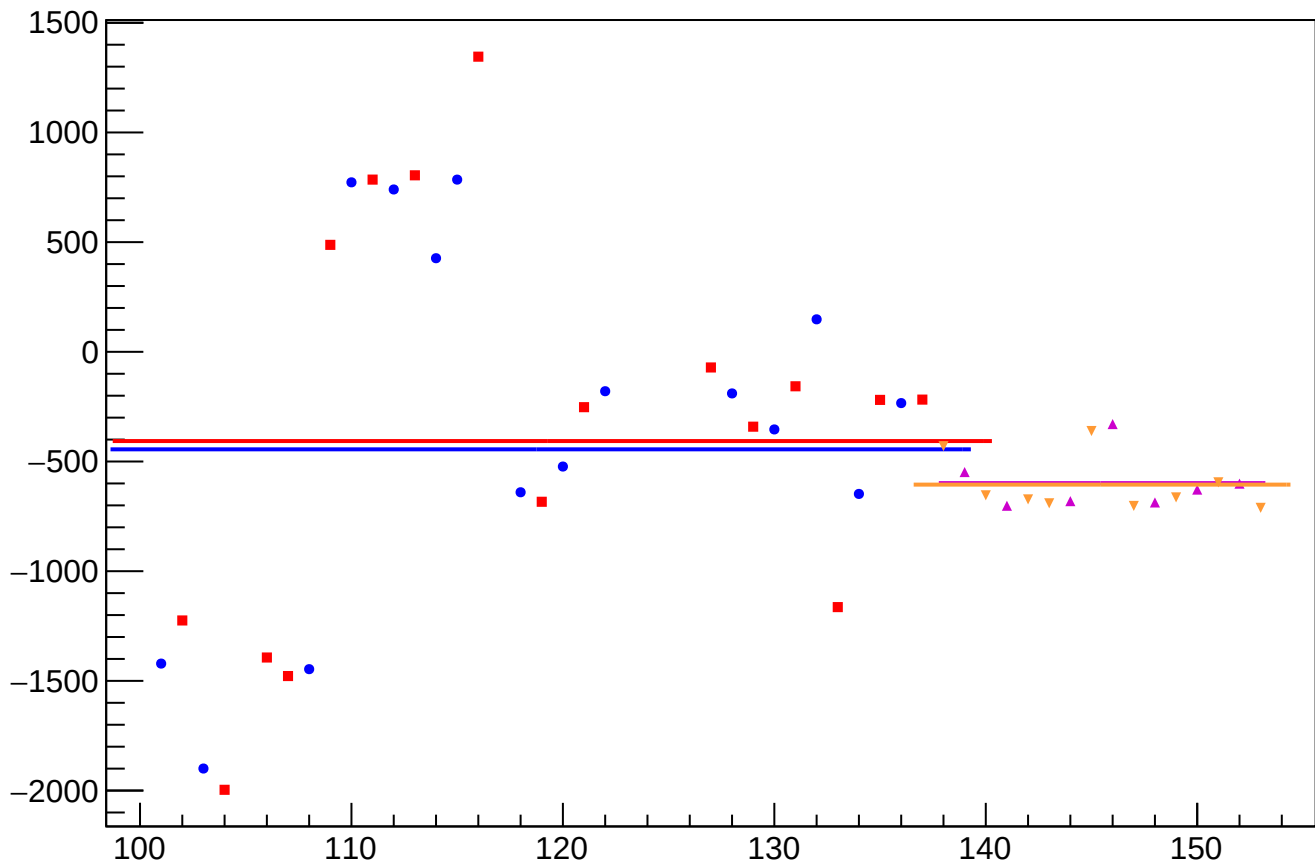
Left In: 1212.355+/-0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1061.663+/-0.000 χ^2/NDF : 78489662211652

All: 1073.899+/-0.000 χ^2/NDF : 20033934287

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

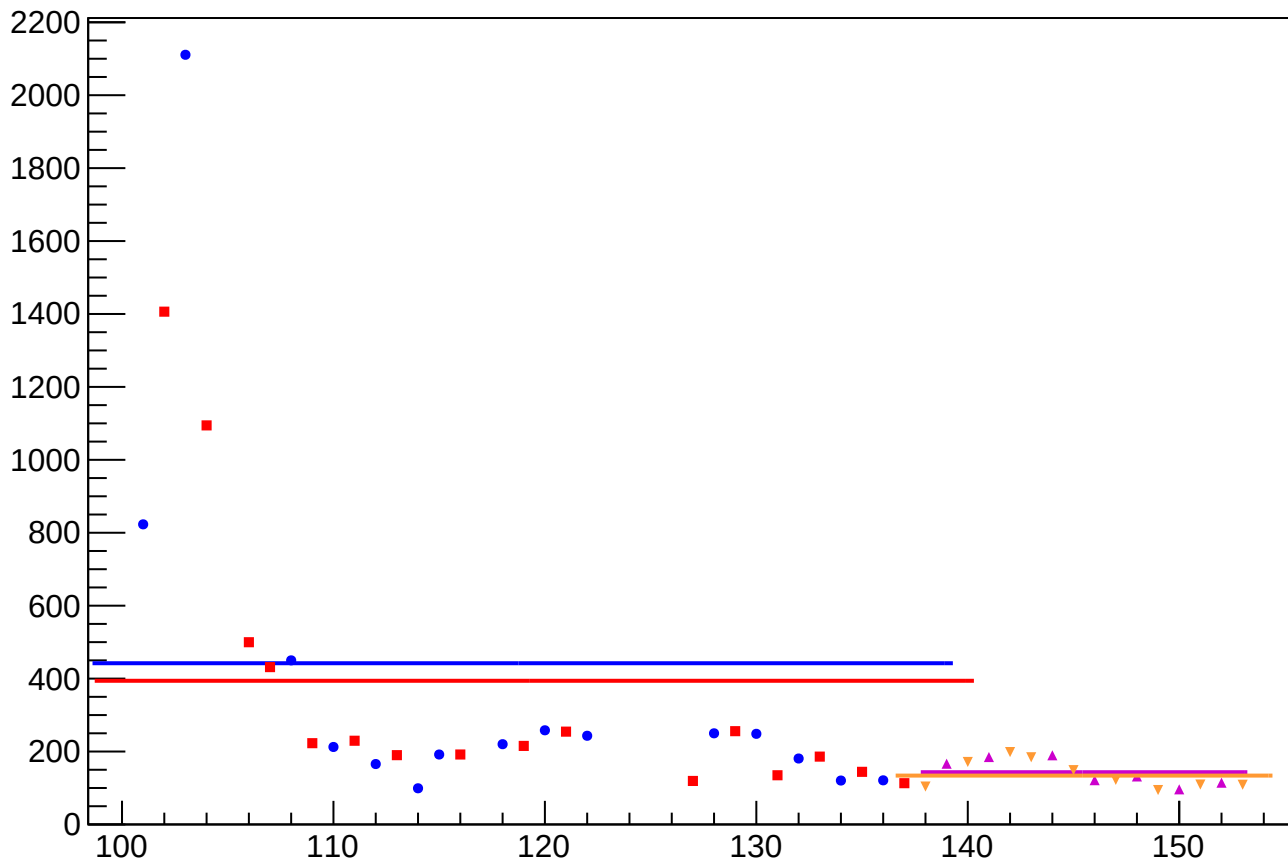
dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000	χ^2/NDF : 396481903501593703066535851229953654784.0/14
Left Out: -605.344+/-0.000	χ^2/NDF : 10106286603222435089149949548664193024.0/8
Right Out: -406.729+/-0.000	χ^2/NDF : 529122421866774810012941782239129108480.0/15
Left In: -598.412+/-0.000	χ^2/NDF : 8455387938044947123409788333931364352.0/6

+ sign -526.685+/-0.000 χ^2/NDF : 41516540486032
 All: -512.431+/-0.000 χ^2/NDF : 96490076231
 - sign -497.503+/-0.000 χ^2/NDF : 549183373639477

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.010+/-0.000 χ^2/NDF : 806156060780168496092301293866975232.0/8

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

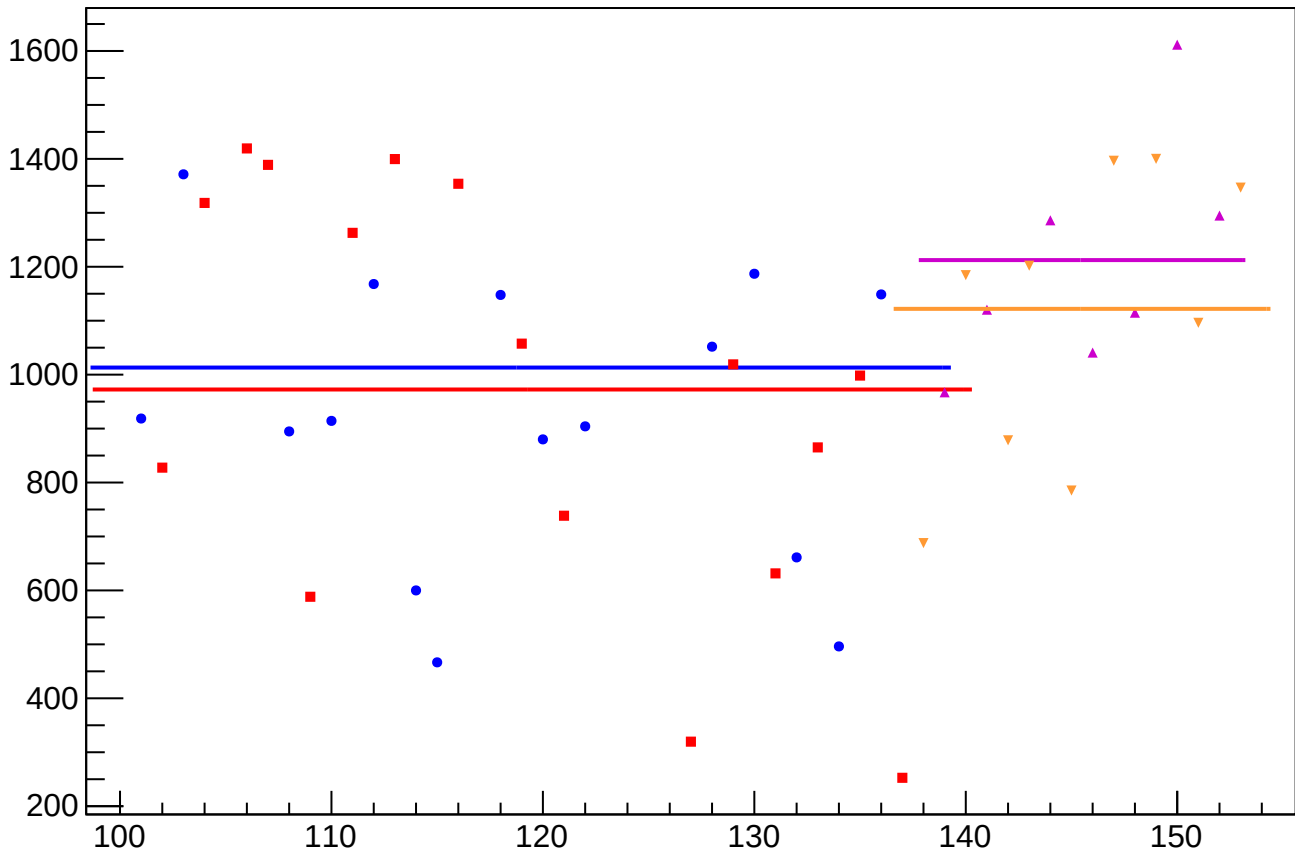
Left In: 143.282+/-0.000 χ^2/NDF : 706633401233566640081713402598129664.0/6

+ sign 284.719+/-0.000 χ^2/NDF : 236309295286471

All: 280.112+/-0.000 χ^2/NDF : 362816581978

- sign 275.288+/-0.000 χ^2/NDF : 126449634016329

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971 +/- 0.000

χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465 +/- 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355 +/- 0.000

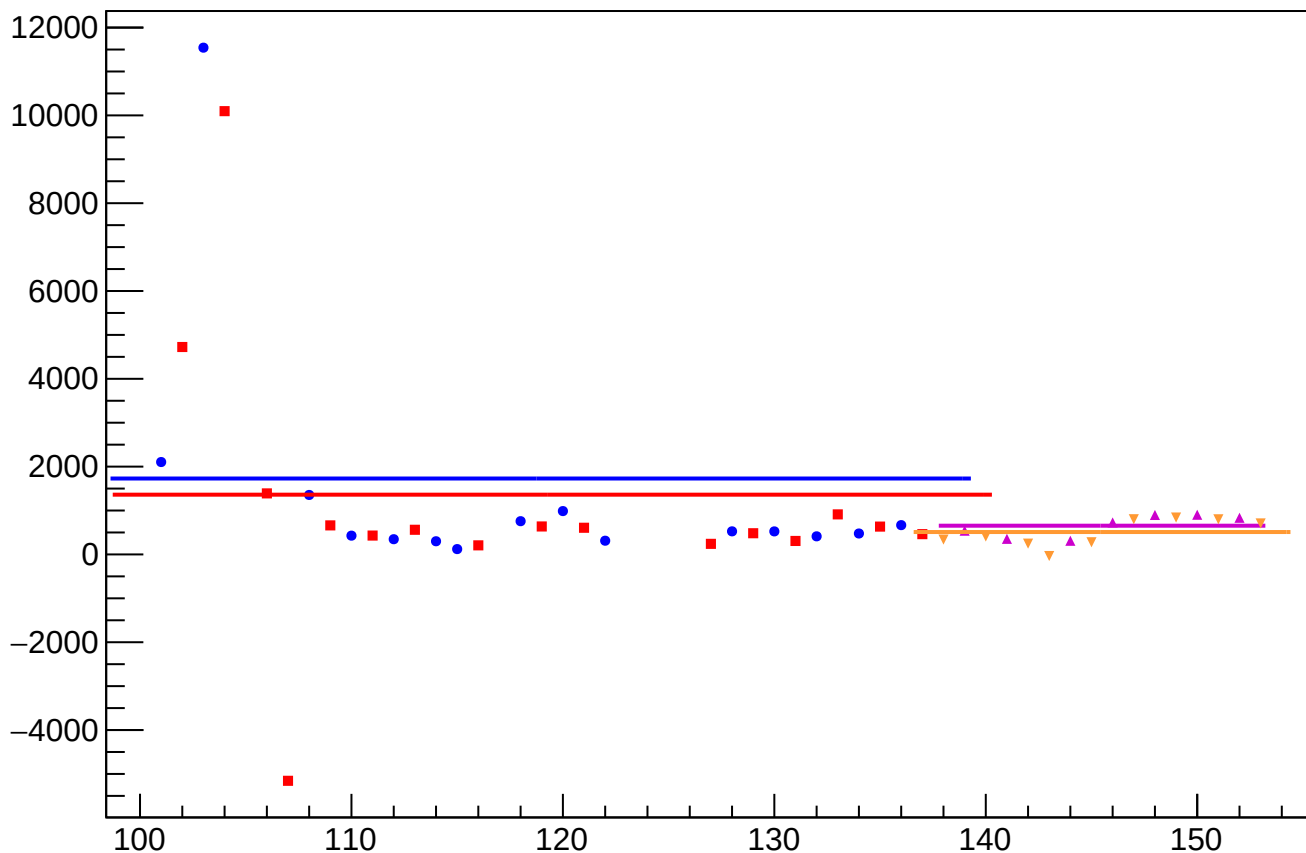
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748 +/- 0.000 χ^2/NDF : 79742308009292

All: 1077.207 +/- 0.000 χ^2/NDF : 20141016165

- sign 1086.067 +/- 0.000 χ^2/NDF : 12147342954497

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 510.068+/-0.000 χ^2/NDF : 56279833761616768835925849194283139072.0/8
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 654.290+/-0.000 χ^2/NDF : 33134802800907290342706437806832484352.0/6

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 132.191+/-0.000 χ^2/NDF : 853590311261372421468273832085159936.0/8

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

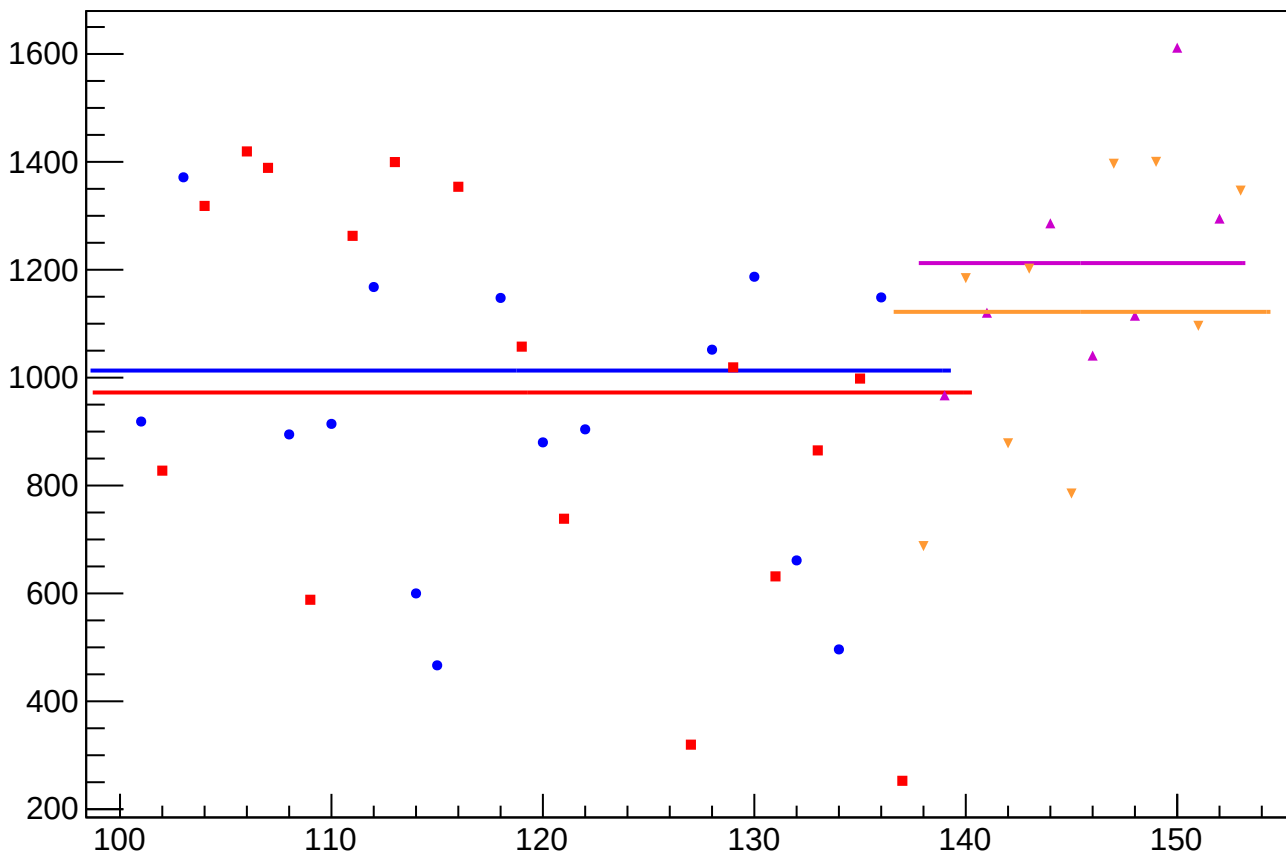
Left In: 143.310+/-0.000 χ^2/NDF : 846605663709347297279984988351102976.0/6

+ sign 369.466+/-0.000 χ^2/NDF : 871267253934391

All: 526.681+/-0.000 χ^2/NDF : 44489913973

- sign 691.341+/-0.000 χ^2/NDF : 351057320945848

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971+/-0.000

χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355+/-0.000

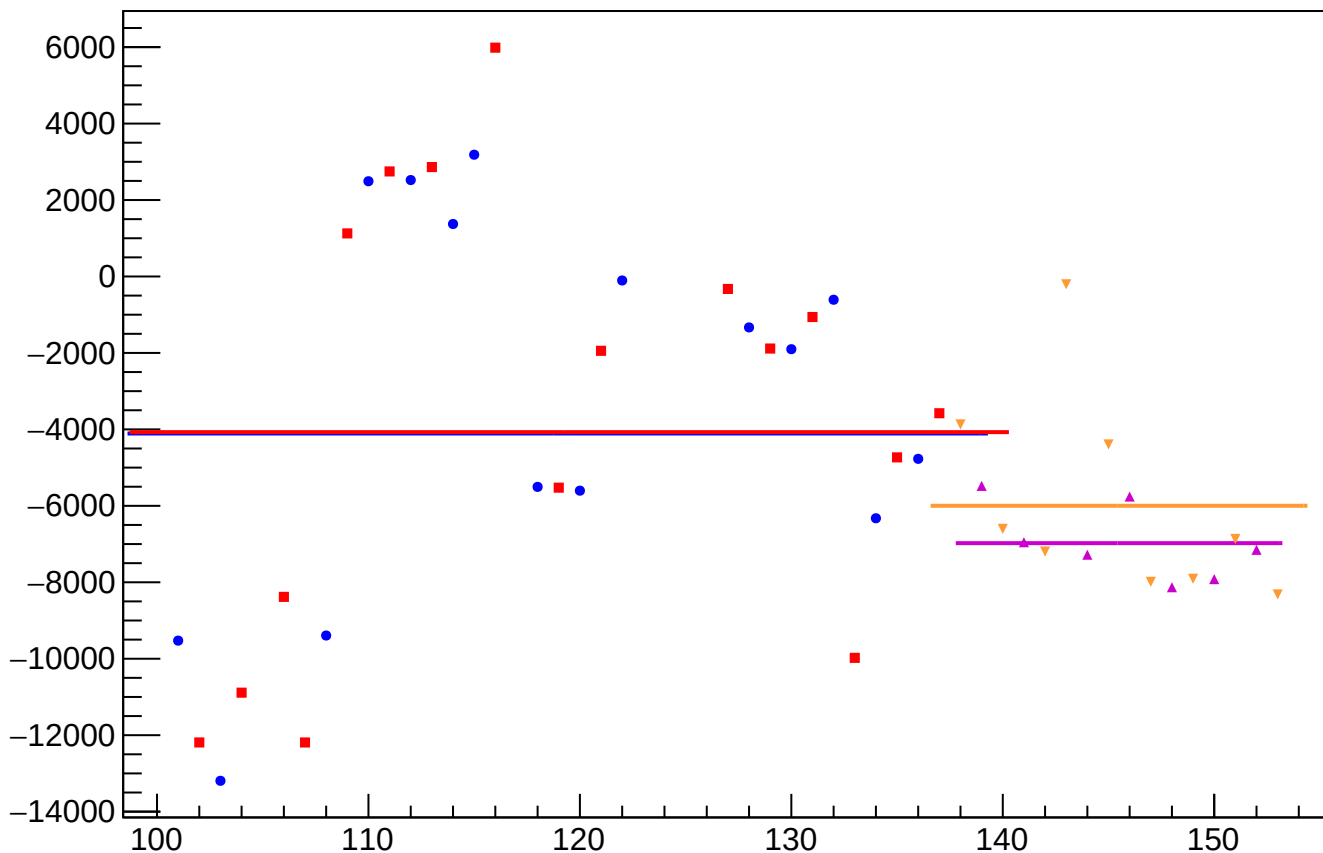
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

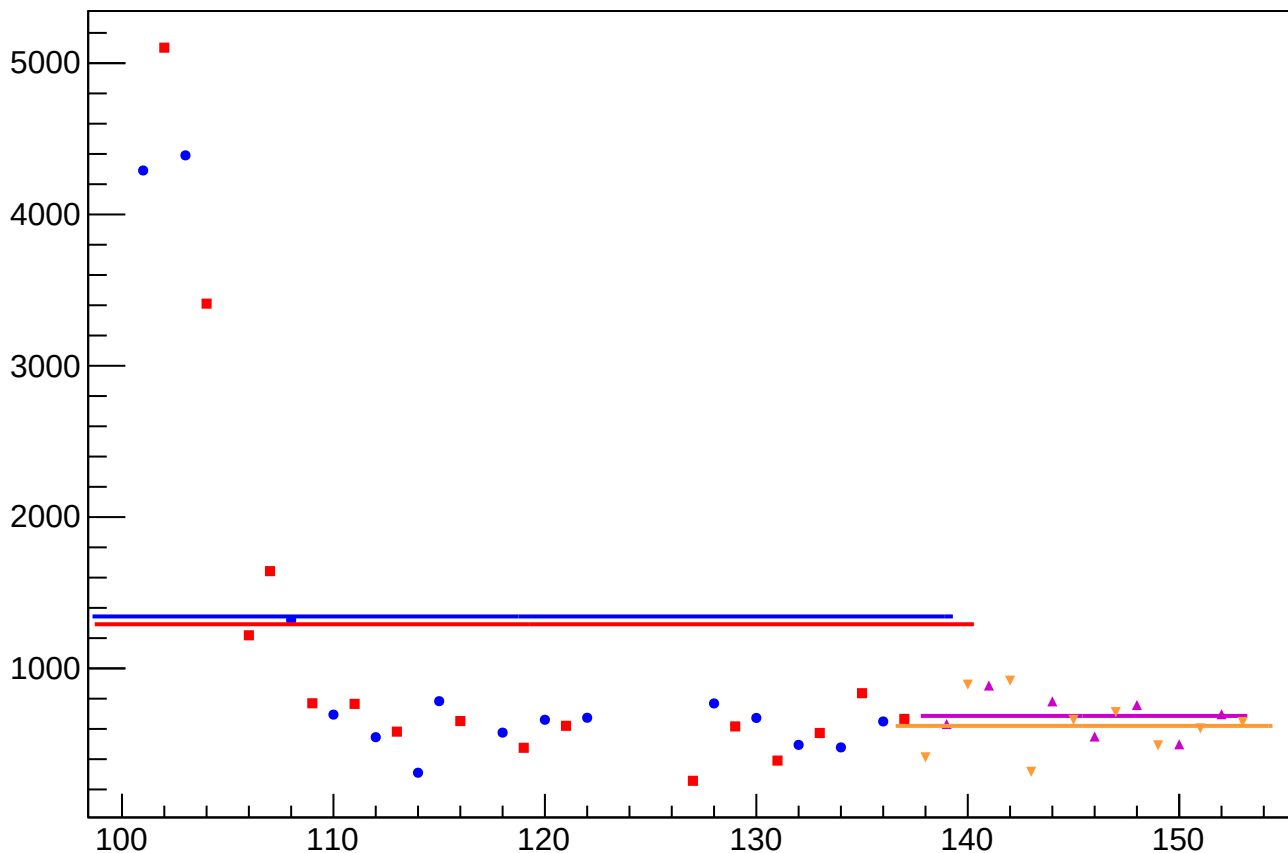
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -5998.250+/-0.000	χ^2/NDF : 4037531108109599961297407311843076079616.0/8
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6975.997+/-0.000	χ^2/NDF : 508395301419926267009978220619992399872.0/6

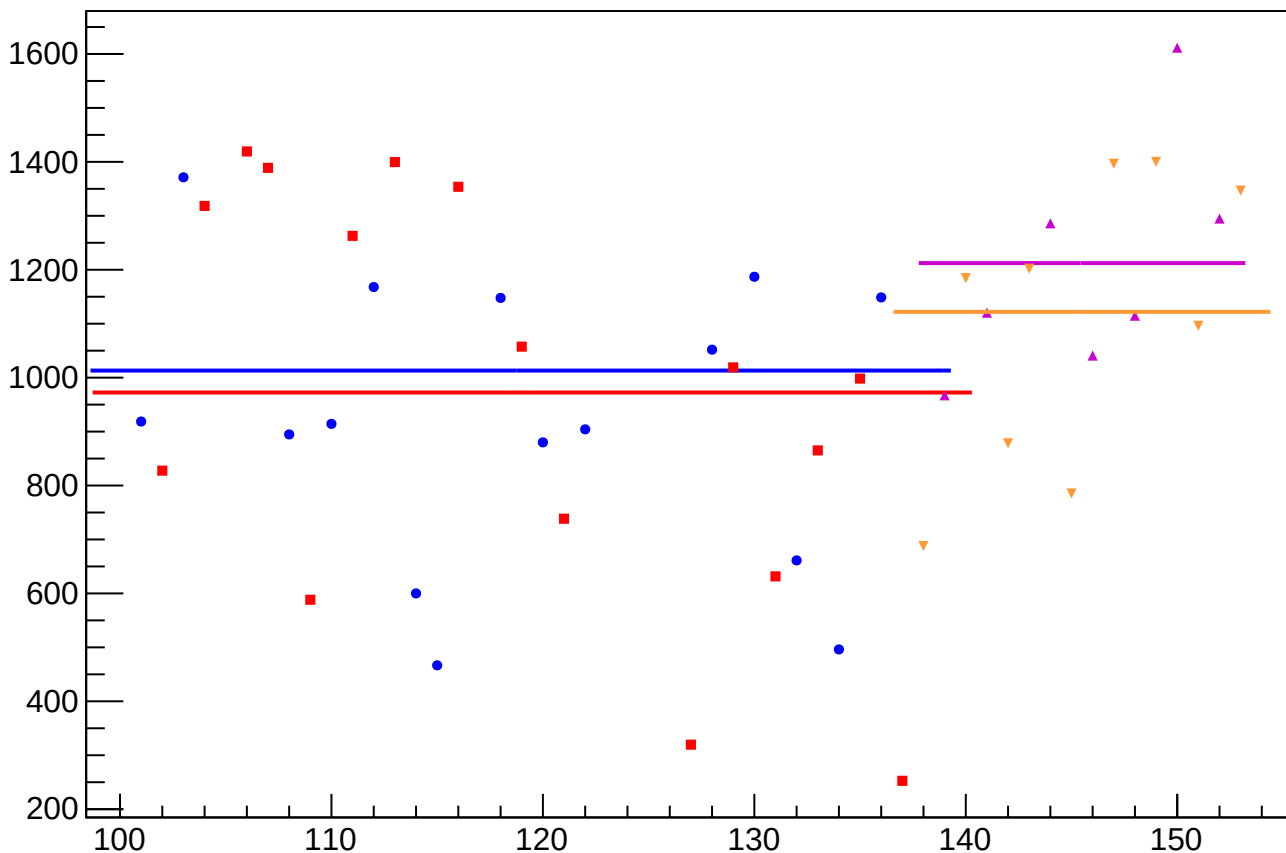
+ sign -5073.507+/-0.000 χ^2/NDF : 1975045780904
 All: -5256.070+/-0.000 χ^2/NDF : 4338010157
 - sign -5447.279+/-0.000 χ^2/NDF : 23539093539597

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 620.014+/-0.000 χ^2/NDF : 21996187058225849829762193588549058560.0/8
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 685.993+/-0.000 χ^2/NDF : 967581952503439493011817661507773312.0/6

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971 +/- 0.000

χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465 +/- 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355 +/- 0.000

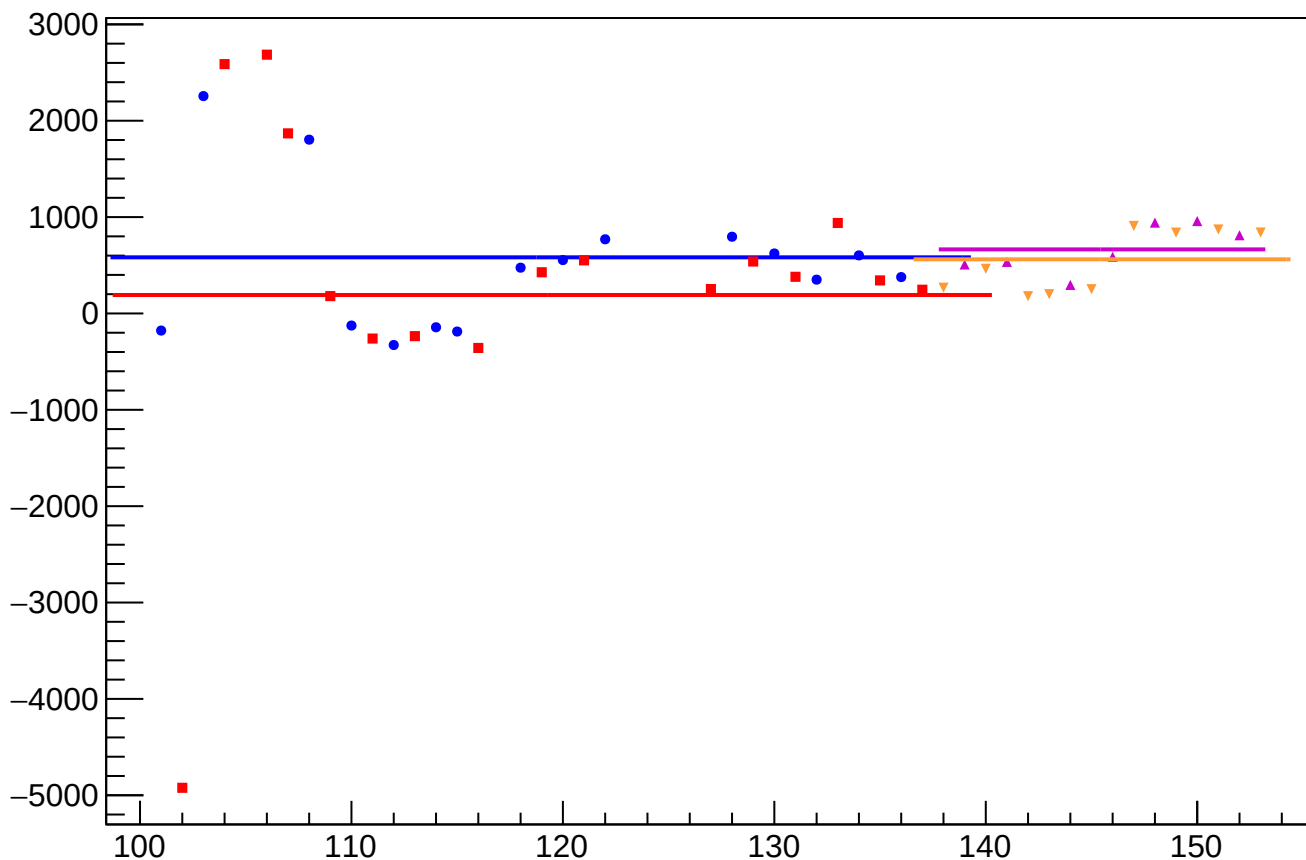
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748 +/- 0.000 χ^2/NDF : 79742308009292

All: 1077.207 +/- 0.000 χ^2/NDF : 20141016165

- sign 1086.067 +/- 0.000 χ^2/NDF : 12147342954497

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 561.527+/-0.000 χ^2/NDF : 60614039454557733058765293383864811520.0/8

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 664.805+/-0.000 χ^2/NDF : 32230264088806086209955932129086930944.0/6

+ sign 571.730+/-0.000 χ^2/NDF : 399554936526093

All: 495.512+/-0.000 χ^2/NDF : 26870632084811520.0/8

- sign 415.684+/-0.000 χ^2/NDF : 227172553160830

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

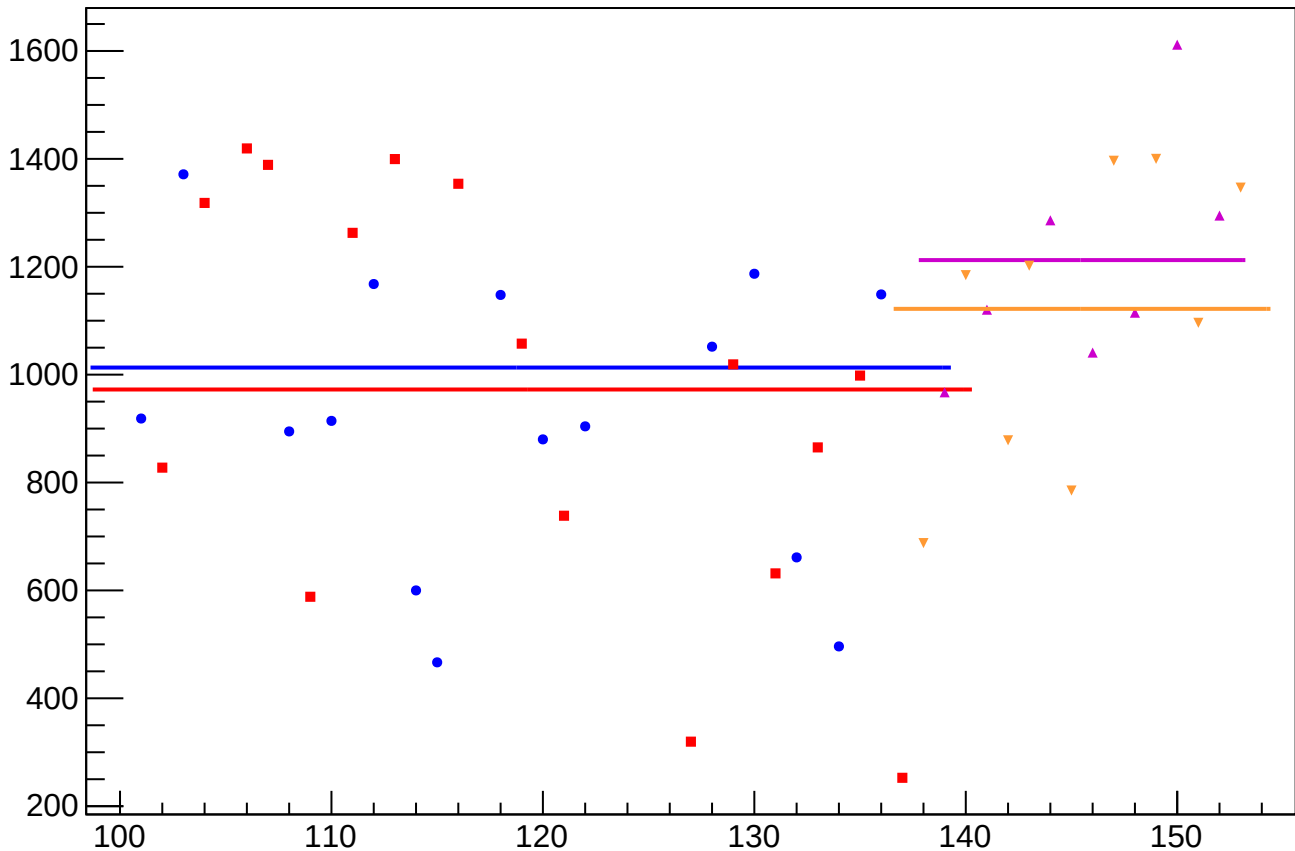
Left Out: 145.426+/-0.000 χ^2/NDF : 615303331238034804844845541961498624.0/8

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: 157.636+/-0.000 χ^2/NDF : 505288070943231278737918669757612032.0/6

All: 429.544+/-0.000 χ^2/NDF : 321663945663

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971+/-0.000

χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355+/-0.000

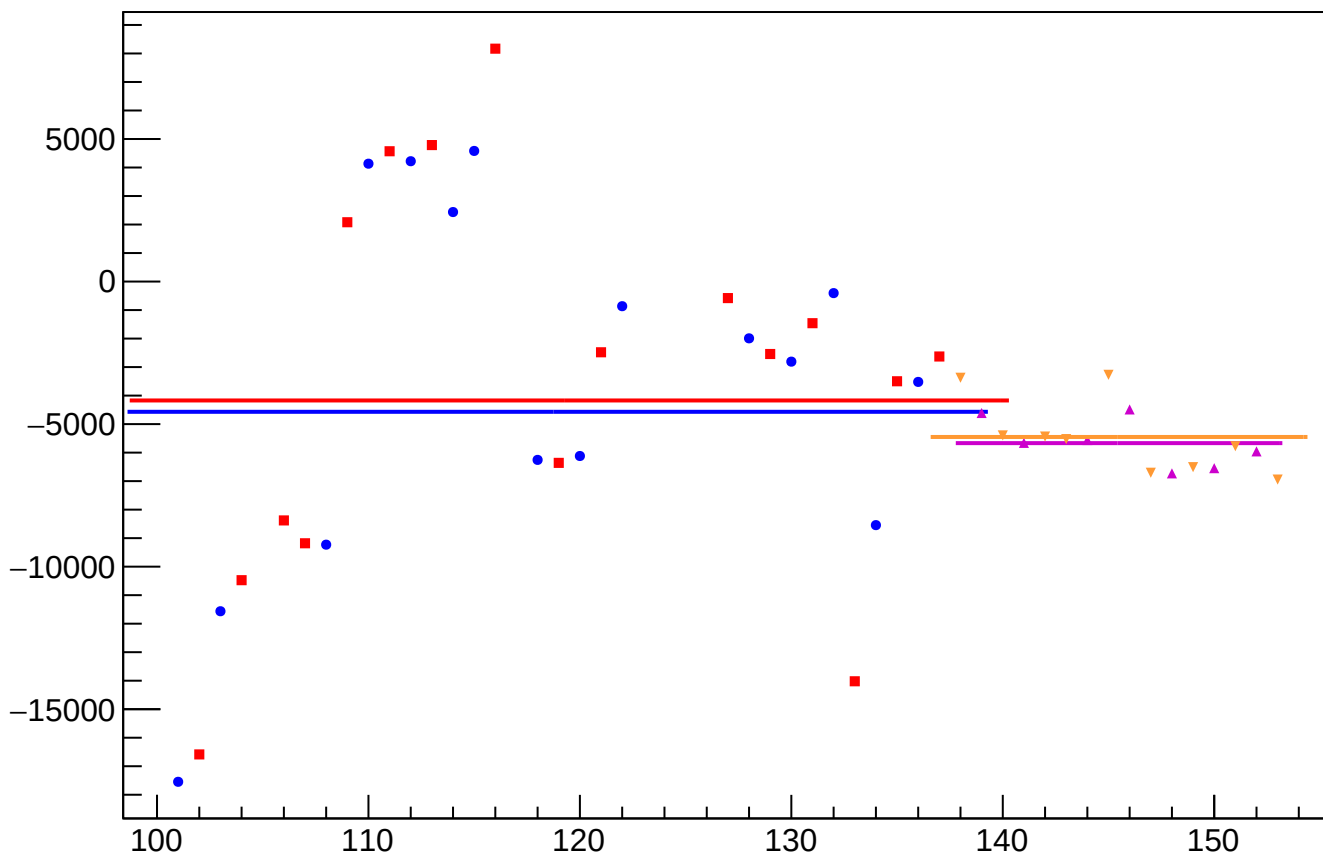
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

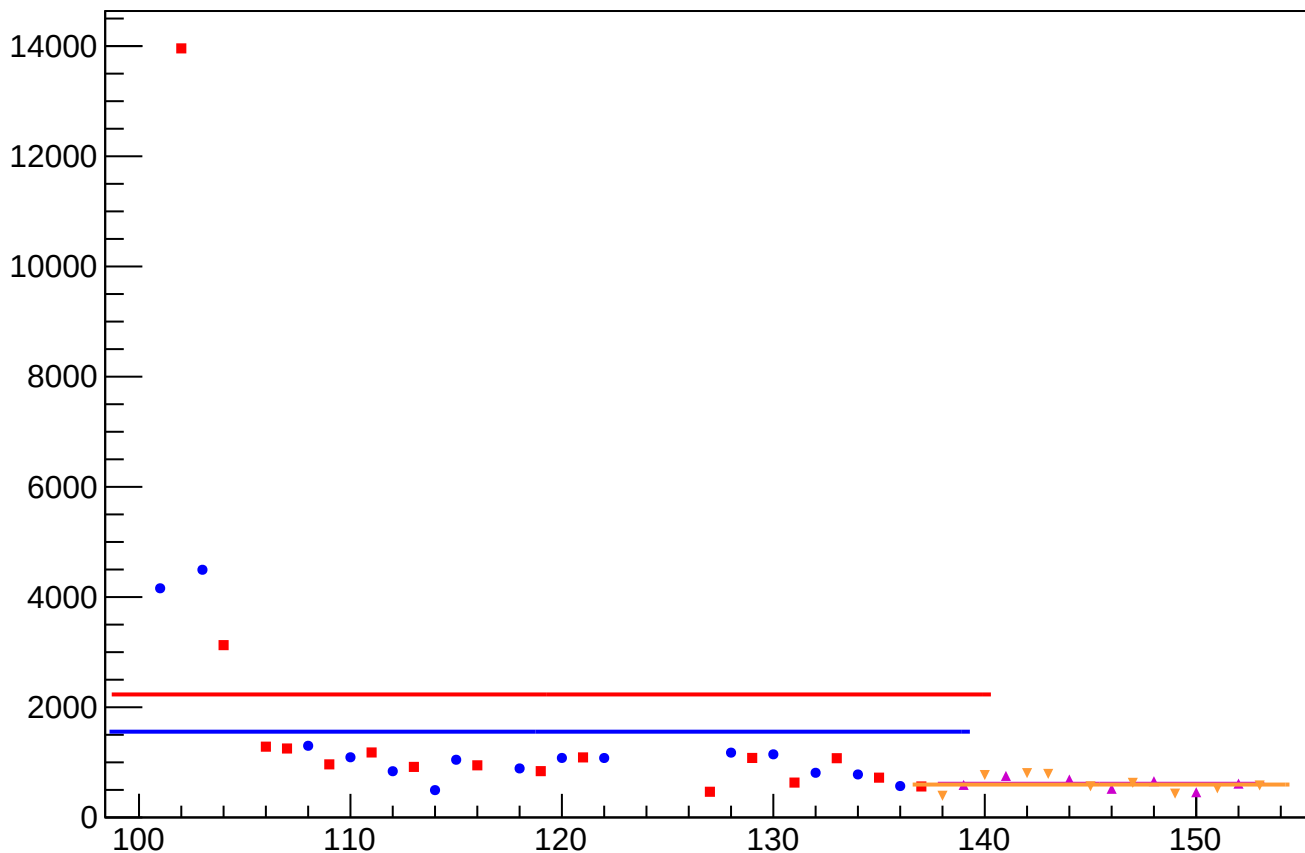
- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_atr2_coil6_mean vs Slug



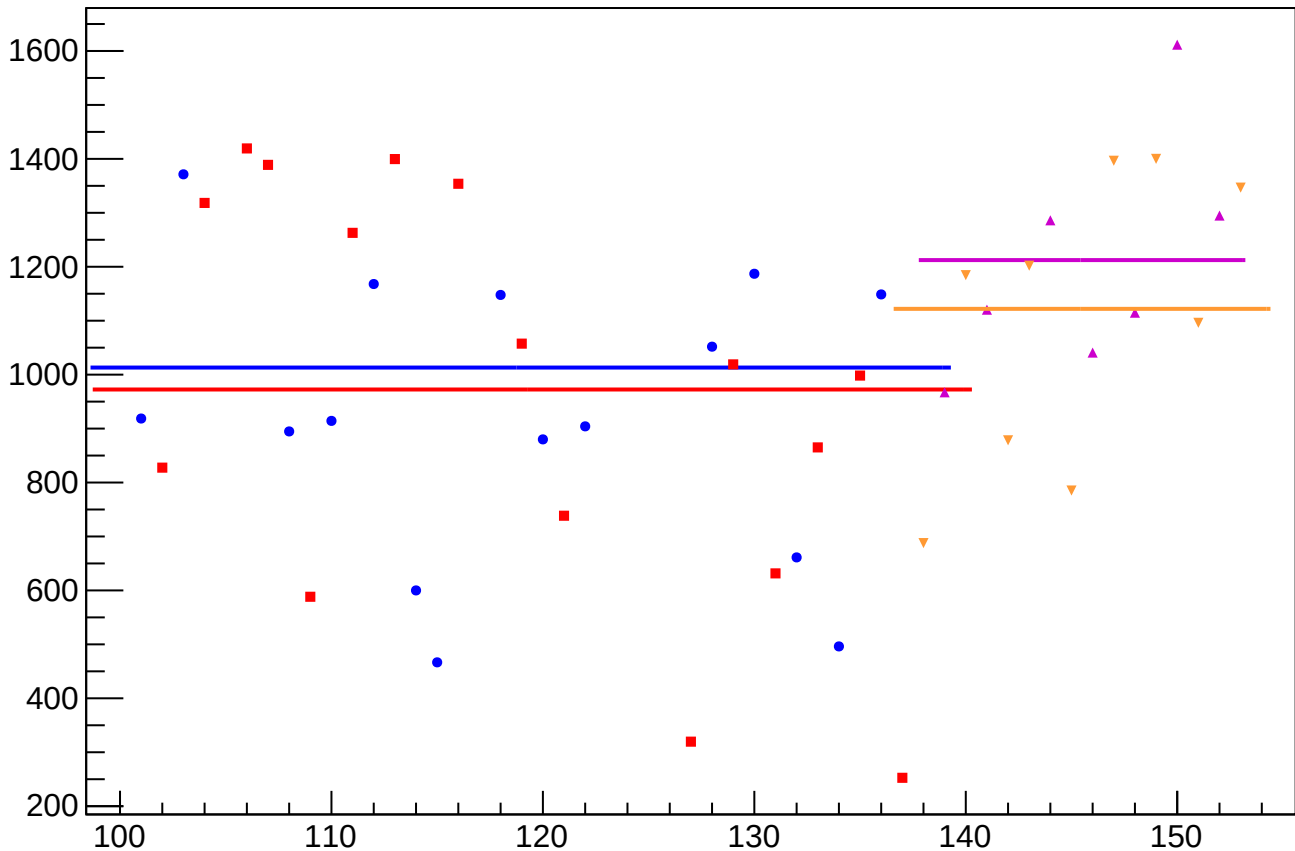
Right In: -4568.297 ± 0.000 χ^2/NDF : 24195052148165719540713110921977756909568.0/14
 Left Out: -5451.181 ± 0.000 χ^2/NDF : 1136955154036747067434885012813621755904.0/8
 Right Out: -4170.773 ± 0.000 χ^2/NDF : 30967248832187912041113909559481103024128.0/15
 Left In: -5667.266 ± 0.000 χ^2/NDF : 379436048765950753677205158328851759104.0/6

dit_atr2_coil6_err_mean vs Slug



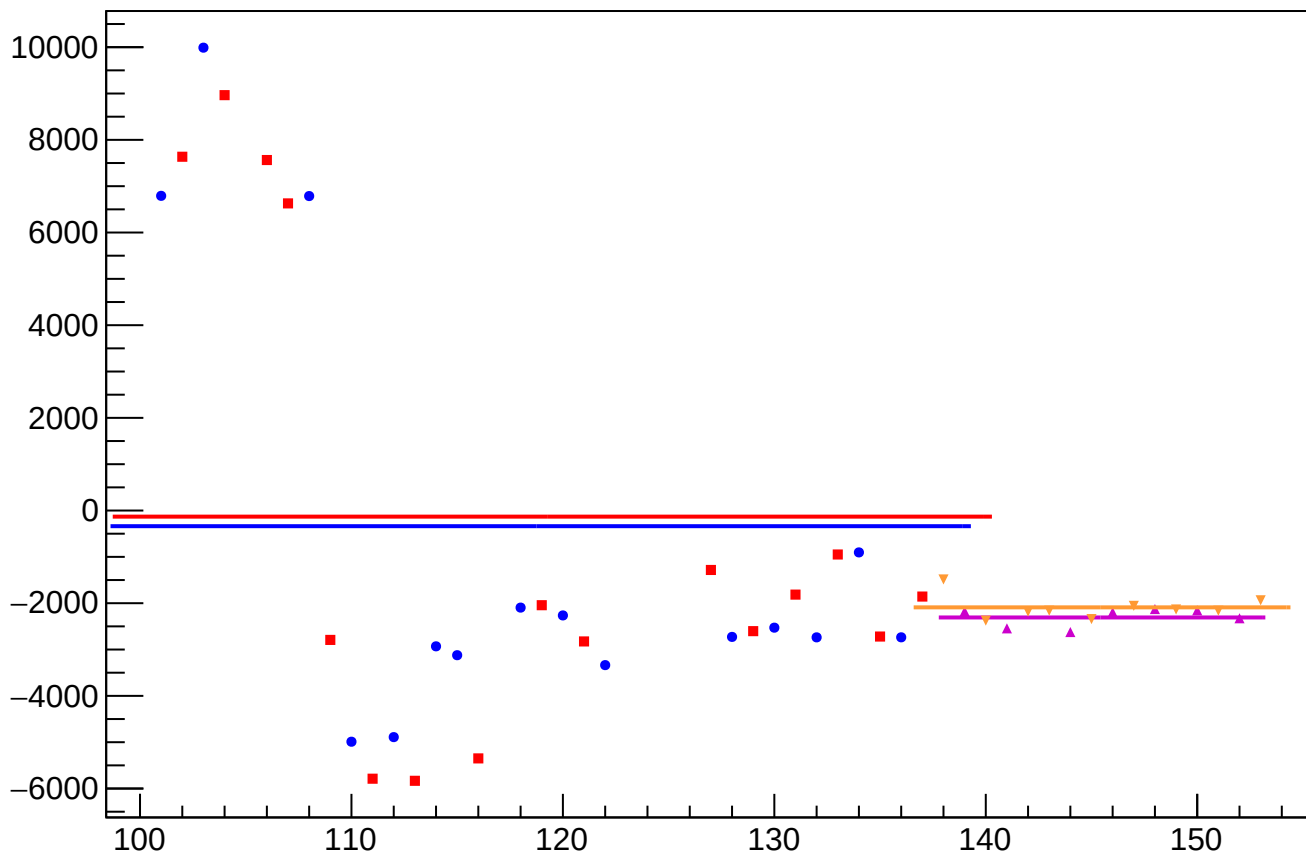
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 597.142+/-0.000 χ^2/NDF : 12970813457490549939338065264024485888.0/8
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 611.600+/-0.000 χ^2/NDF : 5307976882497448093968984100103520256.0/6
 All: 1261.084+/-0.000 χ^2/NDF : 11386191221.0/14
 + sign 1066.467+/-0.000 χ^2/NDF : 14576888197088.0/14
 - sign 1464.918+/-0.000 χ^2/NDF : 98255994922646.0/14

dit_atr2_coil6_Ndata_mean vs Slug



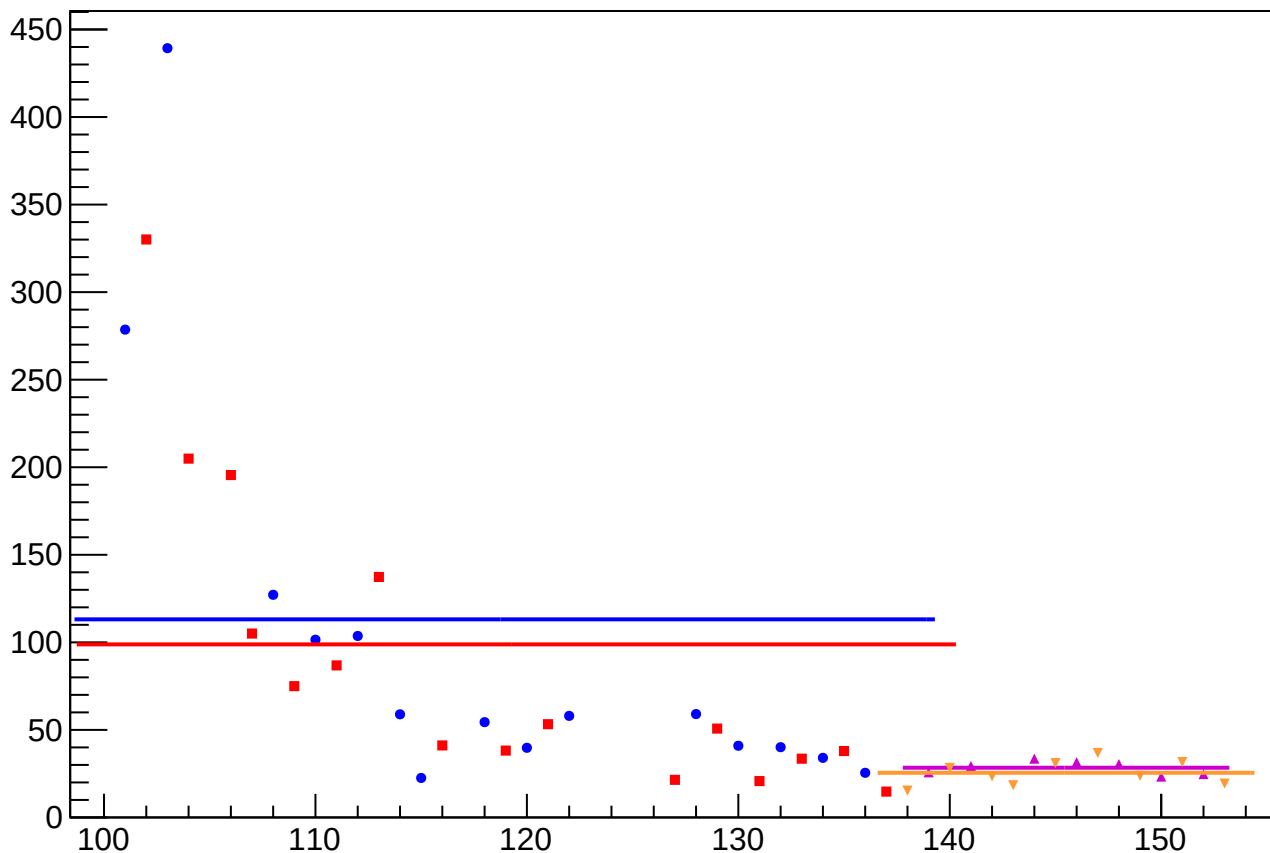
Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971 +/- 0.000 χ^2/NDF : 4409410117425038381709514549377577792.0/8
 Right Out: 972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1212.355 +/- 0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6

dit_sam1_coil6_mean vs Slug



Right In: -337.865 +/- 0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2089.685 +/- 0.000 χ^2/NDF : 43571843800682687432292296449304035328.0/8
 Right Out: -131.545 +/- 0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: -2307.856 +/- 0.000 χ^2/NDF : 20940827133163358000601398379880120320.0/6

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134 $\pm$ 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 25.507 $\pm$ 0.000 χ^2/NDF : 31143845525053928692501411675504640.0/8

Right Out: 98.833 $\pm$ 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15

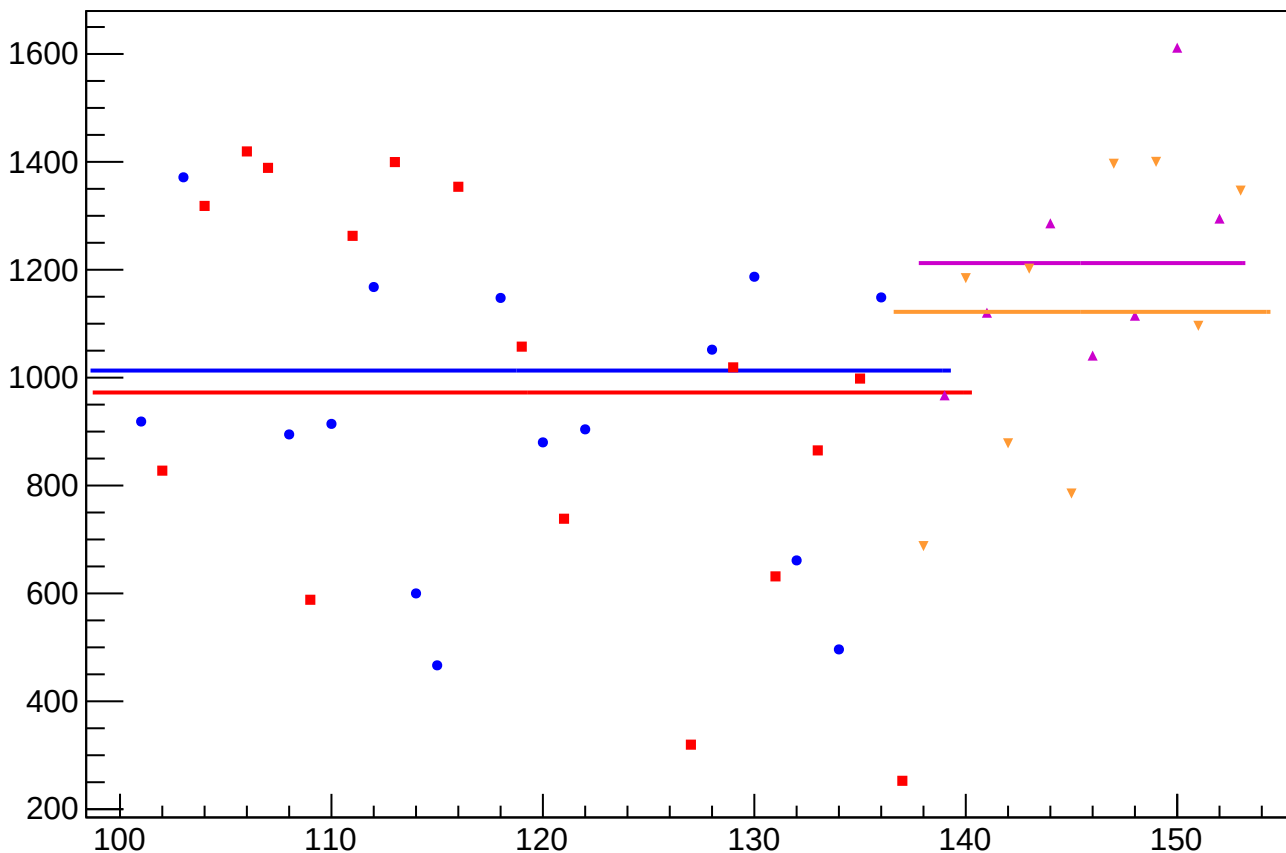
Left In: 28.401 $\pm$ 0.000 χ^2/NDF : 7706123337046661027031716187865088.0/6

+ sign 68.363 $\pm$ 0.000 χ^2/NDF : 1256688045295754

All: 66.954 $\pm$ 0.000 χ^2/NDF : 1965724135114

- sign 65.479 $\pm$ 0.000 χ^2/NDF : 7084971648693172

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: 972.465+/-0.000

Left In: 1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 4409410117425038381709514549377577792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

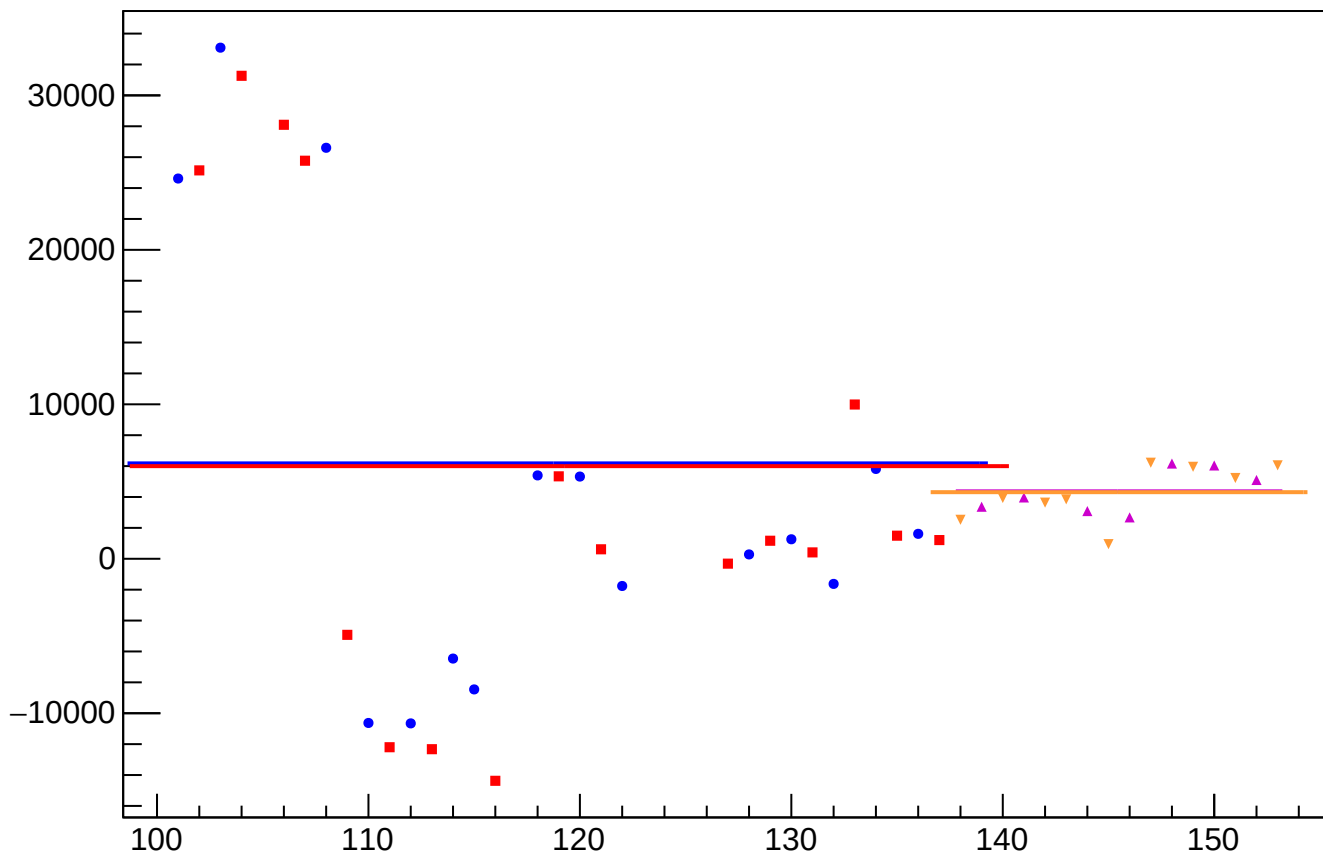
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

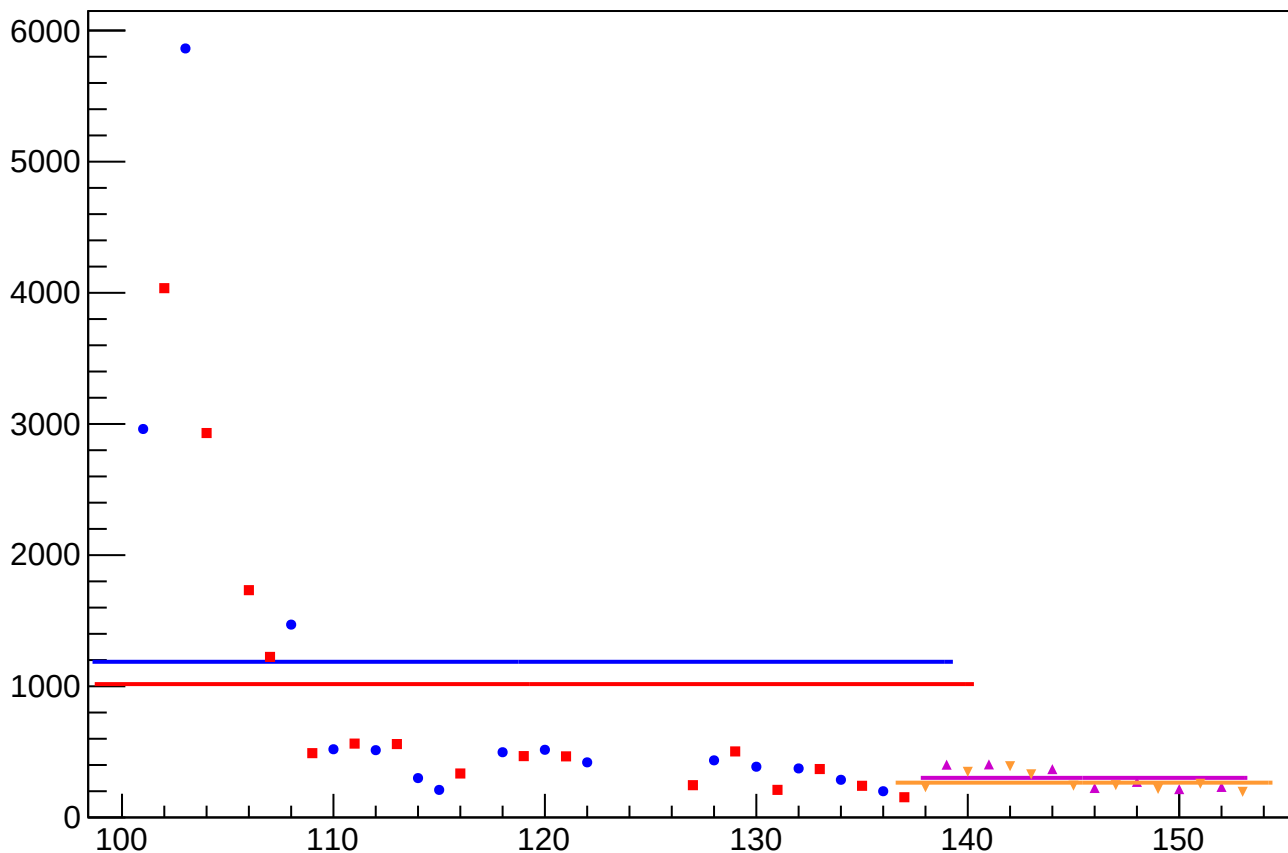
- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_sam2_coil6_mean vs Slug



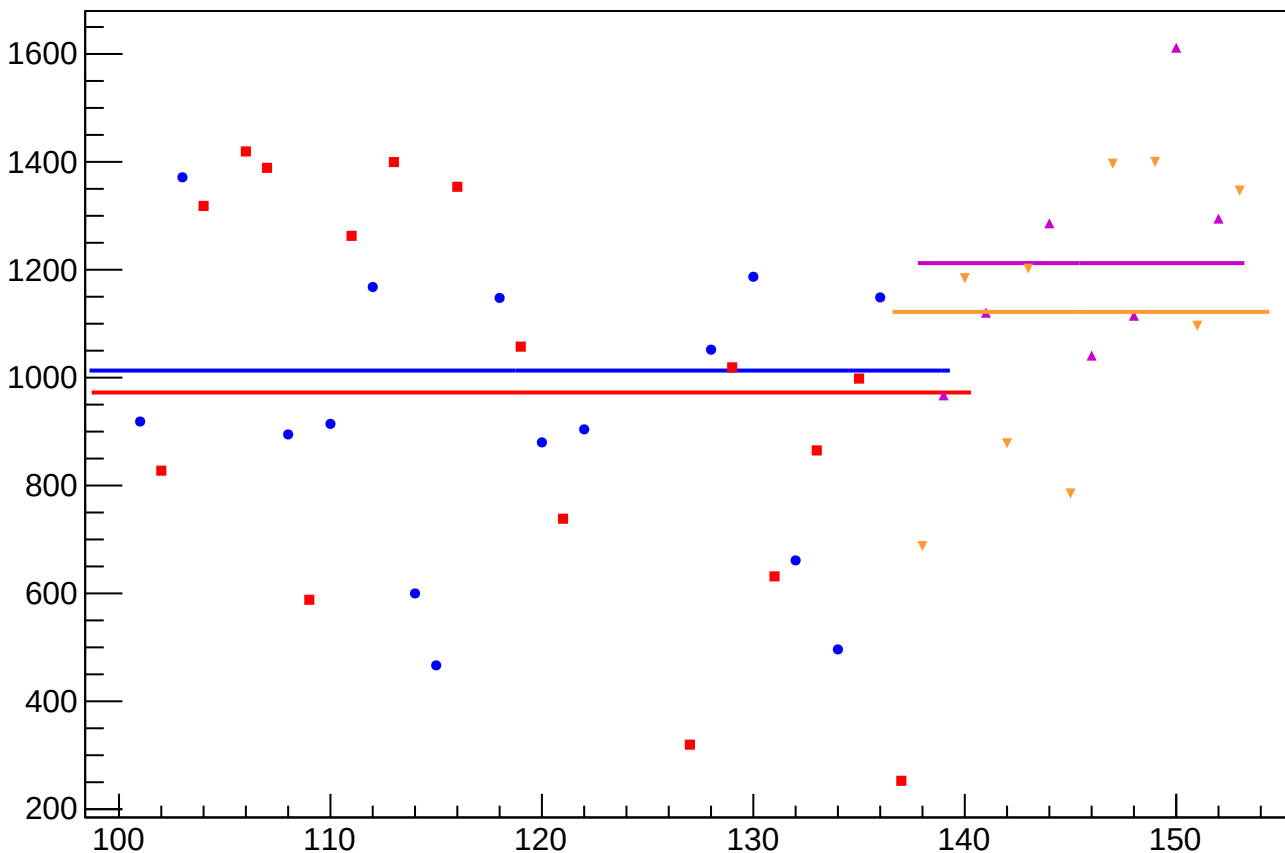
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4312.036+/-0.000 χ^2/NDF : 2044916118876124351752663872969061171200.0/8
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4365.124+/-0.000 χ^2/NDF : 1049004993224311642435668092051733348352.0/6
 All: 5223.727+/-0.000 χ^2/NDF : 25940482263.0/30
 + sign 5223.403+/-0.000 χ^2/NDF : 12045723592526.0/30
 - sign 5224.066+/-0.000 χ^2/NDF : 13894758640694.0/30

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 265.325+/-0.000 χ^2/NDF : 2332548230649246155064474705254678528.0/8
 Right Out: 1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 301.927+/-0.000 χ^2/NDF : 3765941488983642571863259987901939712.0/6
 + sign 716.016+/-0.000 χ^2/NDF : 208038355934974
 All: 697.560+/-0.000 χ^2/NDF : 317411053809
 - sign 678.229+/-0.000 χ^2/NDF : 109280150549536

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: 972.465+/-0.000

Left In: 1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 4409410117425038381709514549377577792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

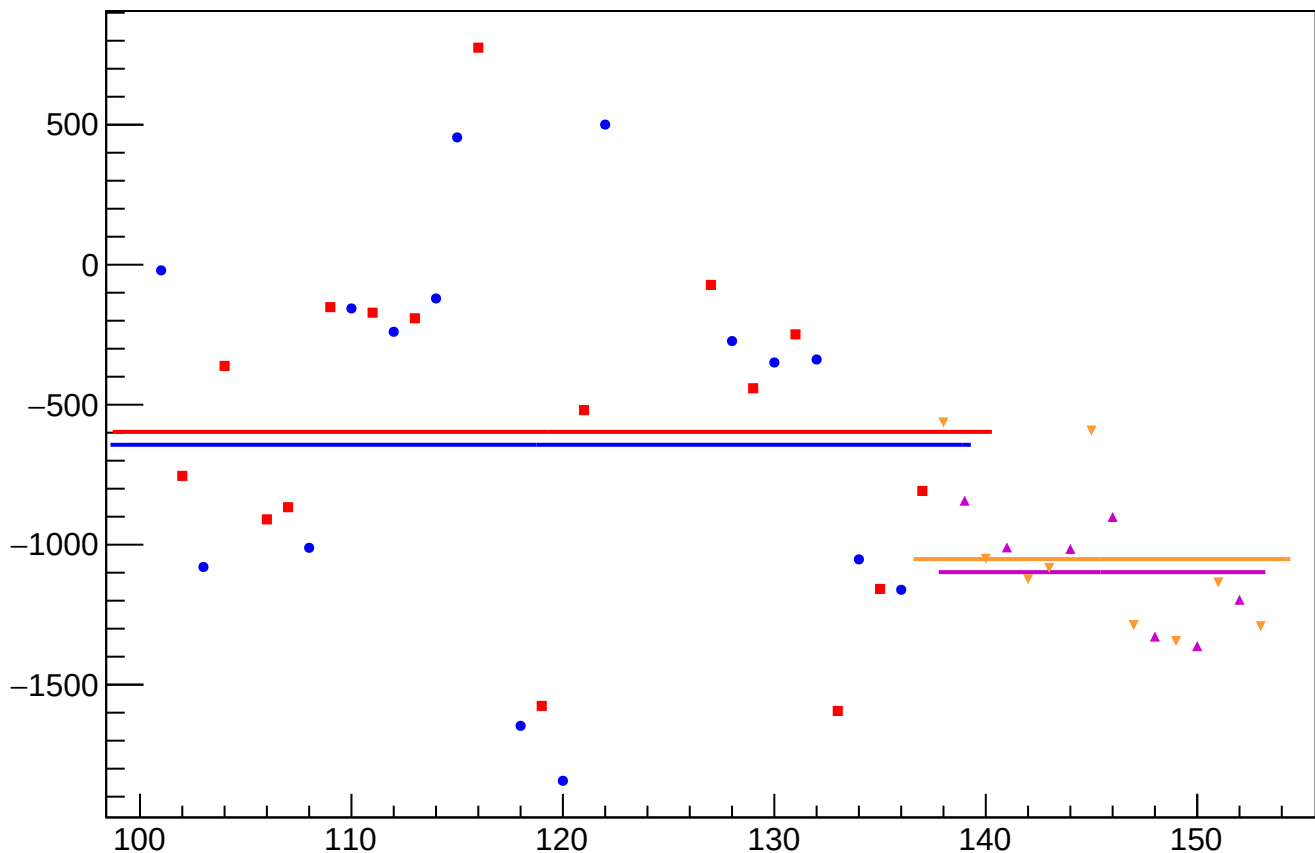
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_sam3_coil6_mean vs Slug



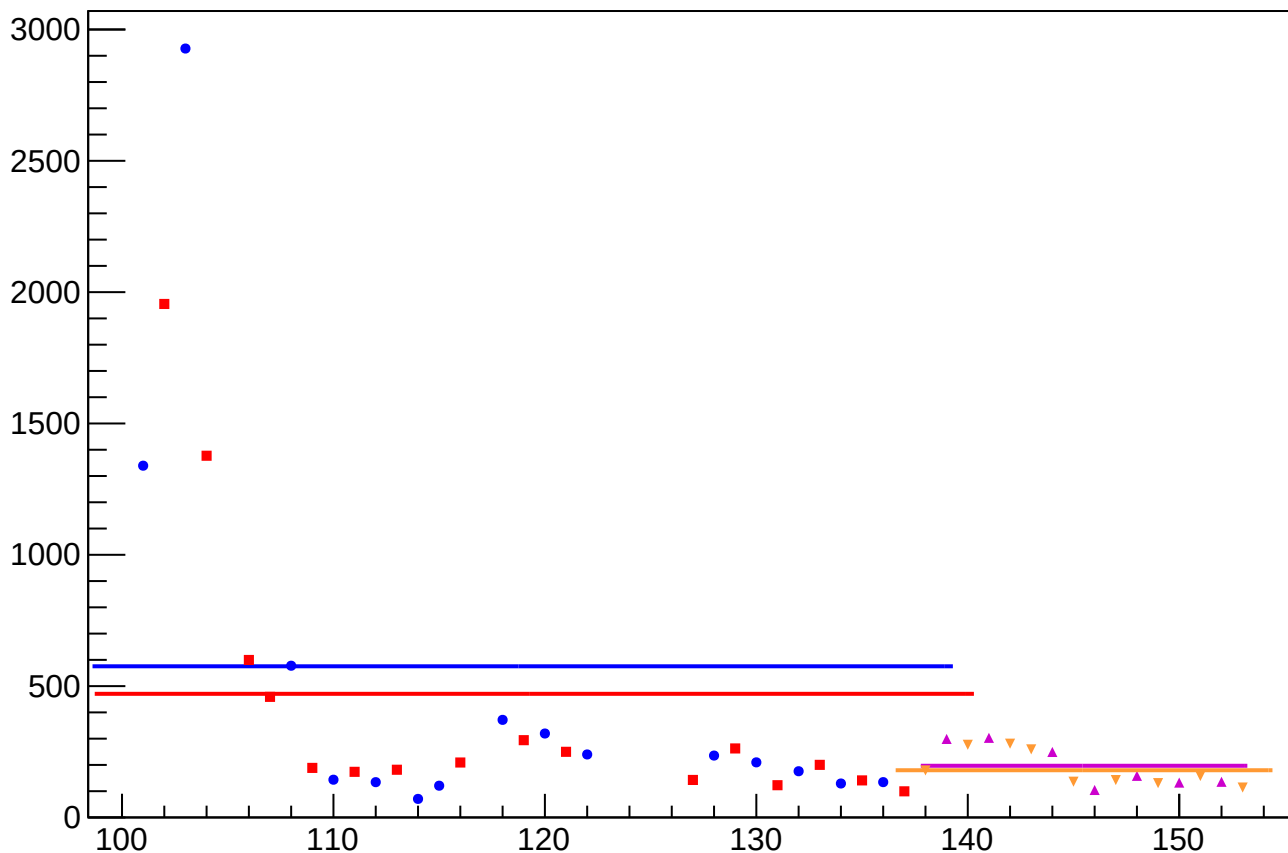
Right In: -643.217+/-0.000	χ^2/NDF : 272726964608206694027285159784925364224.0/14
Left Out: -1051.421+/-0.000	χ^2/NDF : 52906610164771603738033844630253993984.0/8
Right Out: -597.043+/-0.000	χ^2/NDF : 210733370798031449363504004319005376512.0/15
Left In: -1098.022+/-0.000	χ^2/NDF : 21419360620851738051094638546913329152.0/6

+ sign -851.779+/-0.000 χ^2/NDF : 38088667839461

All: -843.235+/-0.000 χ^2/NDF : 69251336576

- sign -834.286+/-0.000 χ^2/NDF : 311428347699713

dit_sam3_coil6_err_mean vs Slug



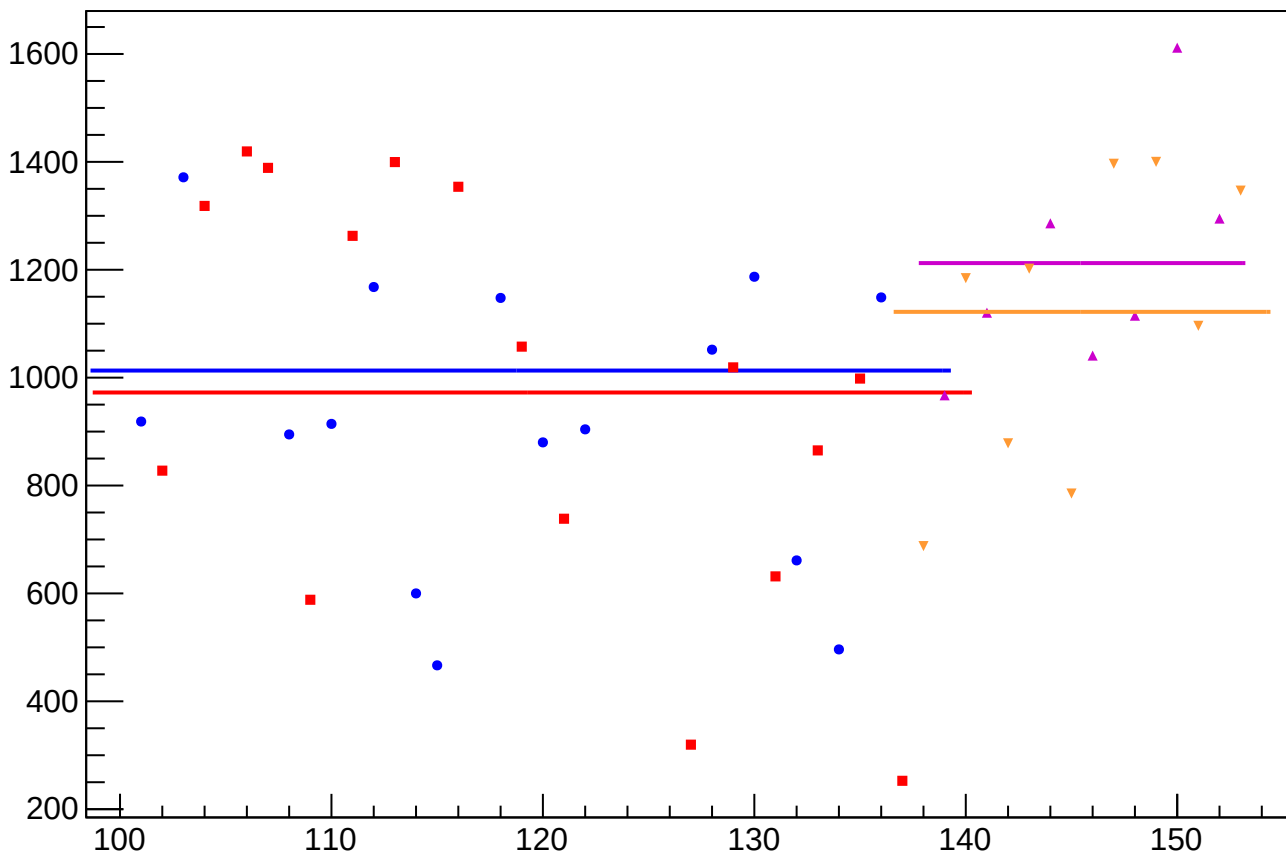
Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 179.767+/-0.000 χ^2/NDF : 2534735883841469162226661621984395264.0/8

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

Left In: 196.788+/-0.000 χ^2/NDF : 3579486427049550633253987274146709504.0/6

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971 +/- 0.000

χ^2/NDF : 44094101174250383817095145493775777792.0/8

Right Out: 972.465 +/- 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355 +/- 0.000

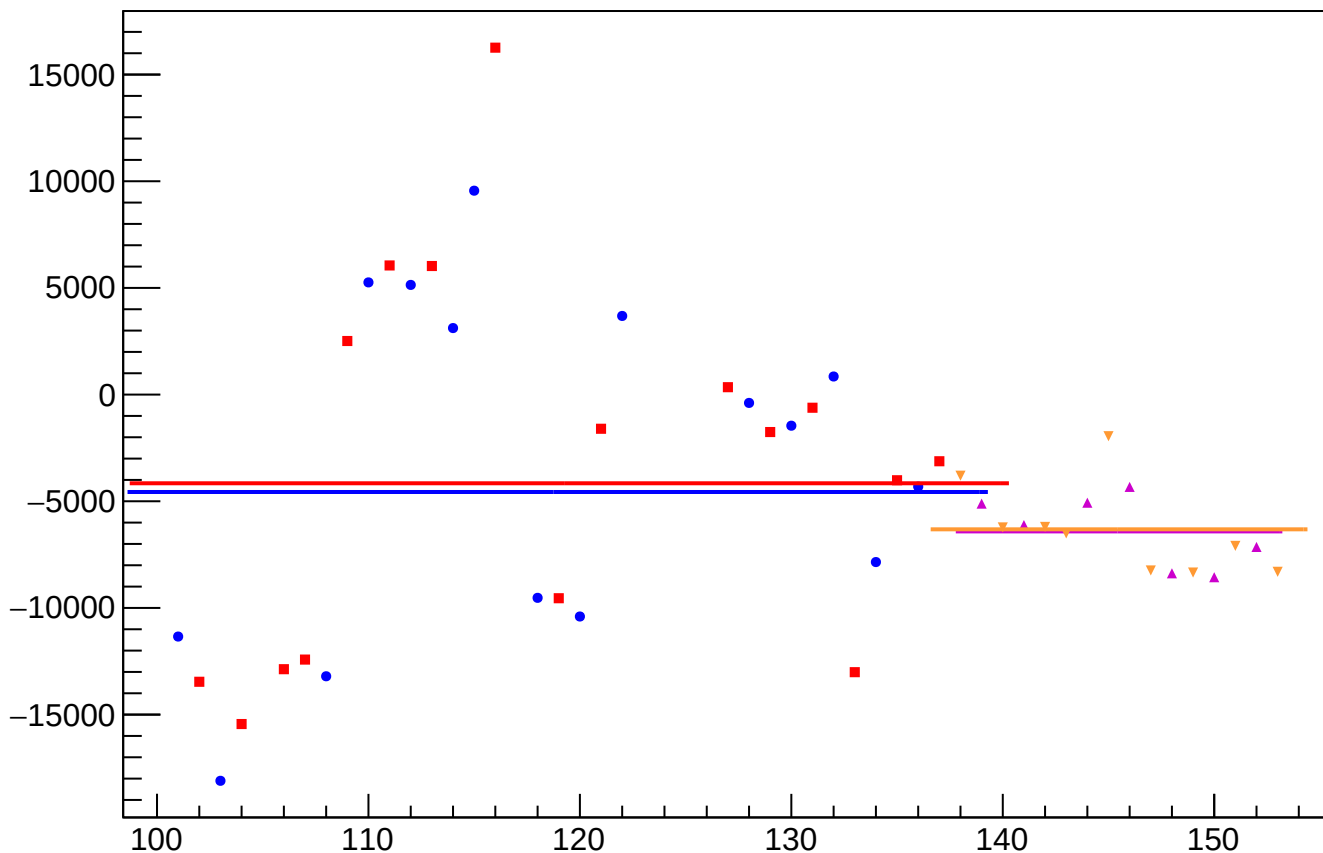
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748 +/- 0.000 χ^2/NDF : 79742308009292

All: 1077.207 +/- 0.000 χ^2/NDF : 20141016165

- sign 1086.067 +/- 0.000 χ^2/NDF : 12147342954497

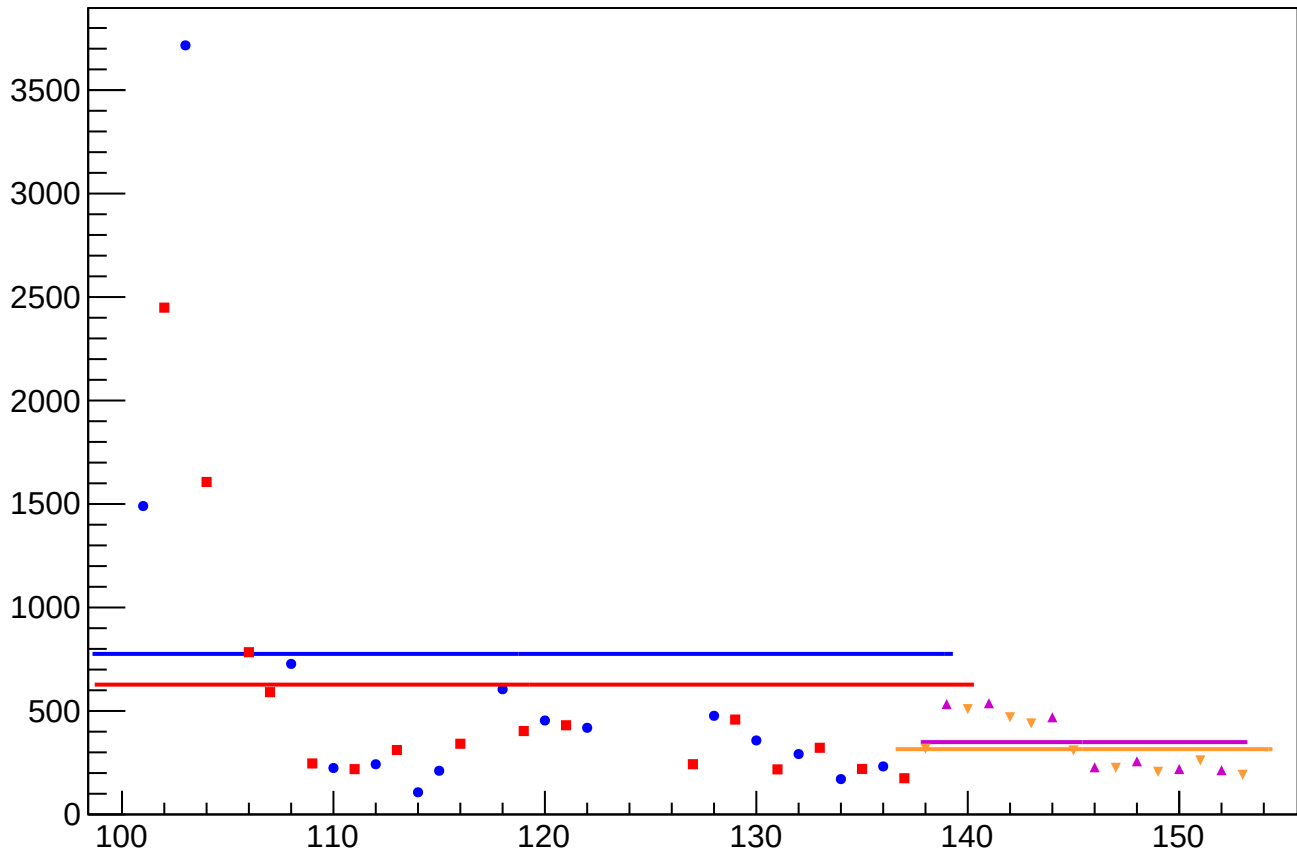
dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -6315.519+/-0.000	χ^2/NDF : 3057314330097142151918980180401262166016.0/8
Right Out: -4156.859+/-0.000	χ^2/NDF : 45539455441659927157708443099930682195968.0/15
Left In: -6412.903+/-0.000	χ^2/NDF : 1457182662372450117780607449437852139520.0/6

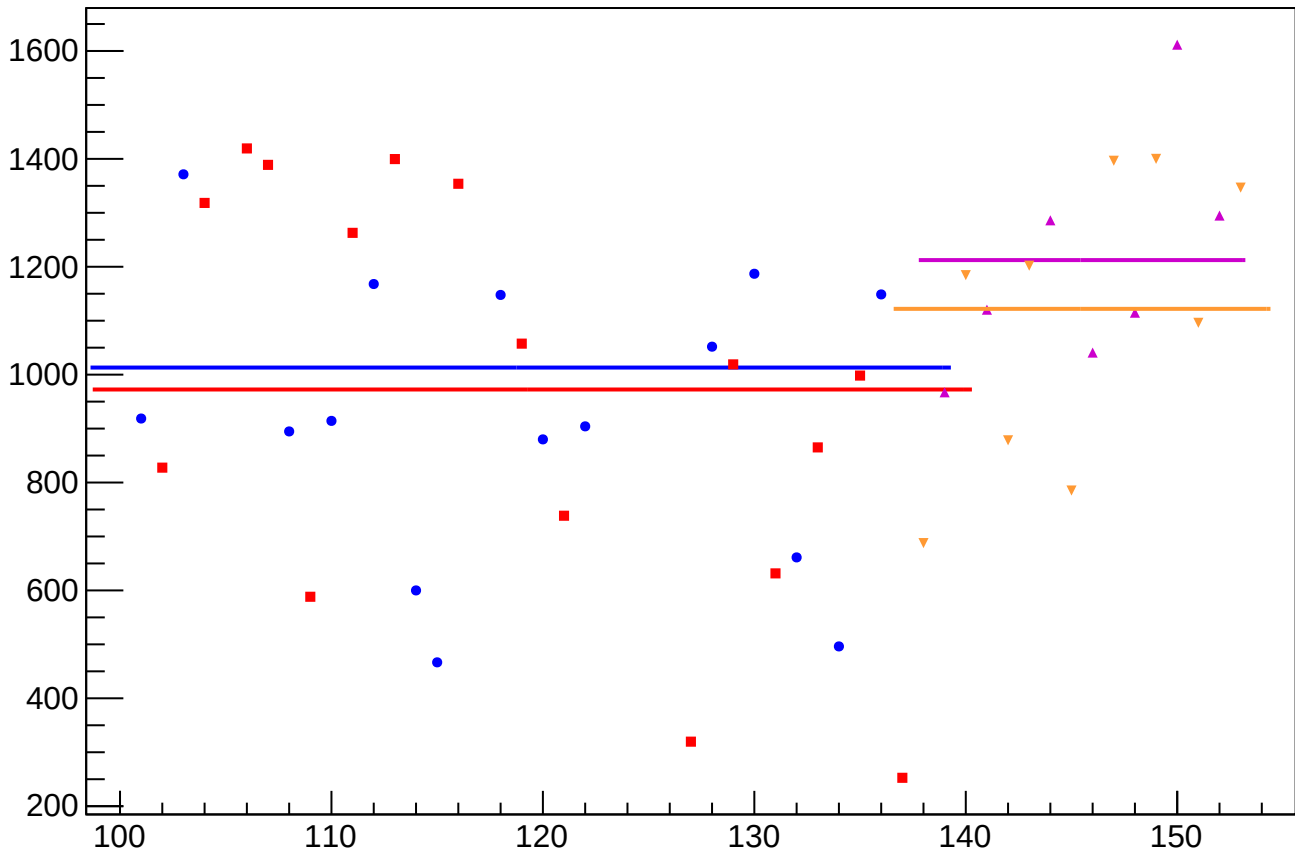
+ sign -5459.589+/-0.000 χ^2/NDF : 3974070568591
 All: -5345.120+/-0.000 χ^2/NDF : 8838060826
 - sign -5225.230+/-0.000 χ^2/NDF : 4860430340388

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14
 Left Out: 315.540+/-0.000 χ^2/NDF : 8361879489262508239401569320114847744.0/8
 Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15
 Left In: 349.590+/-0.000 χ^2/NDF : 12106387812983861977526591545919143936.0/6

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971+/-0.000

χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355+/-0.000

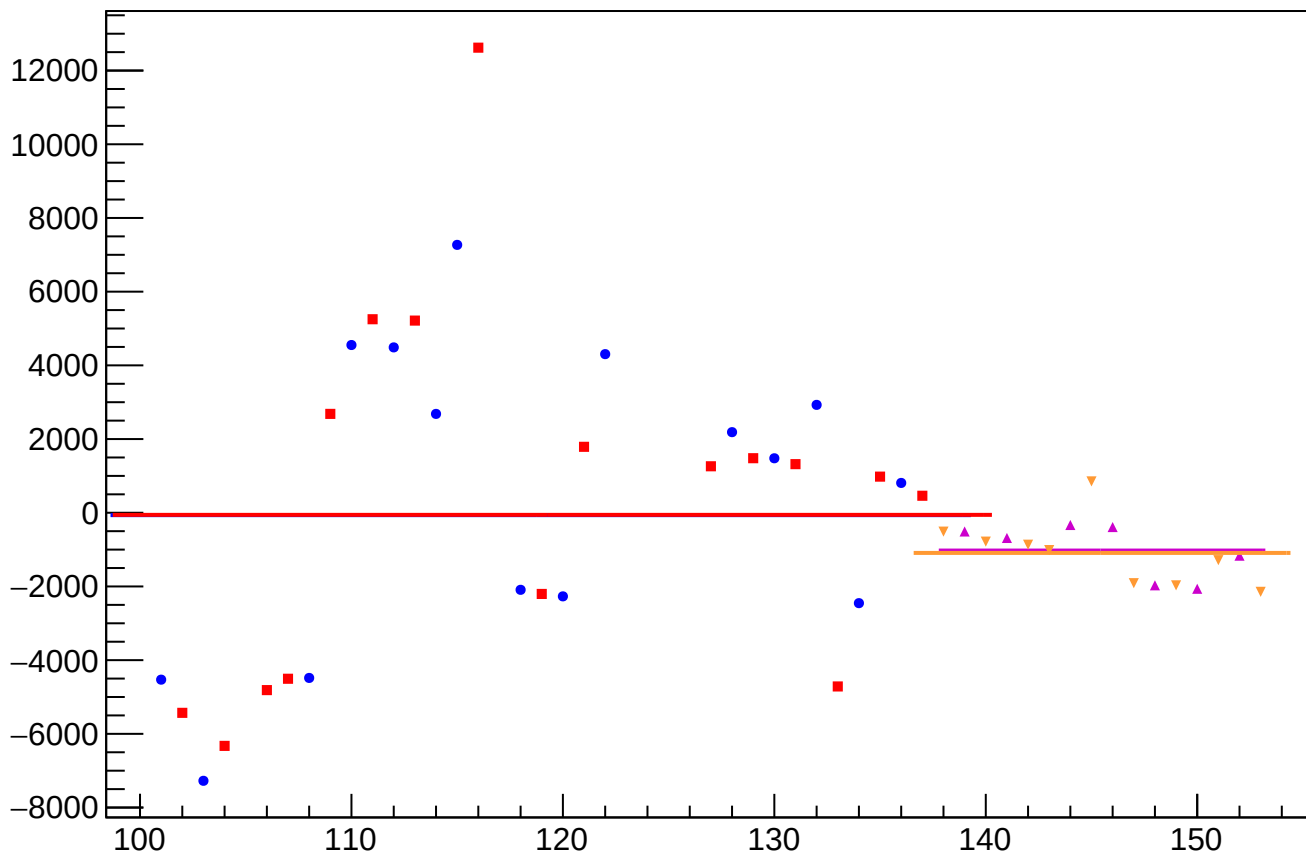
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -1090.030+/-0.000 χ^2/NDF : 557106879899790376801232131965608525824.0/8

Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

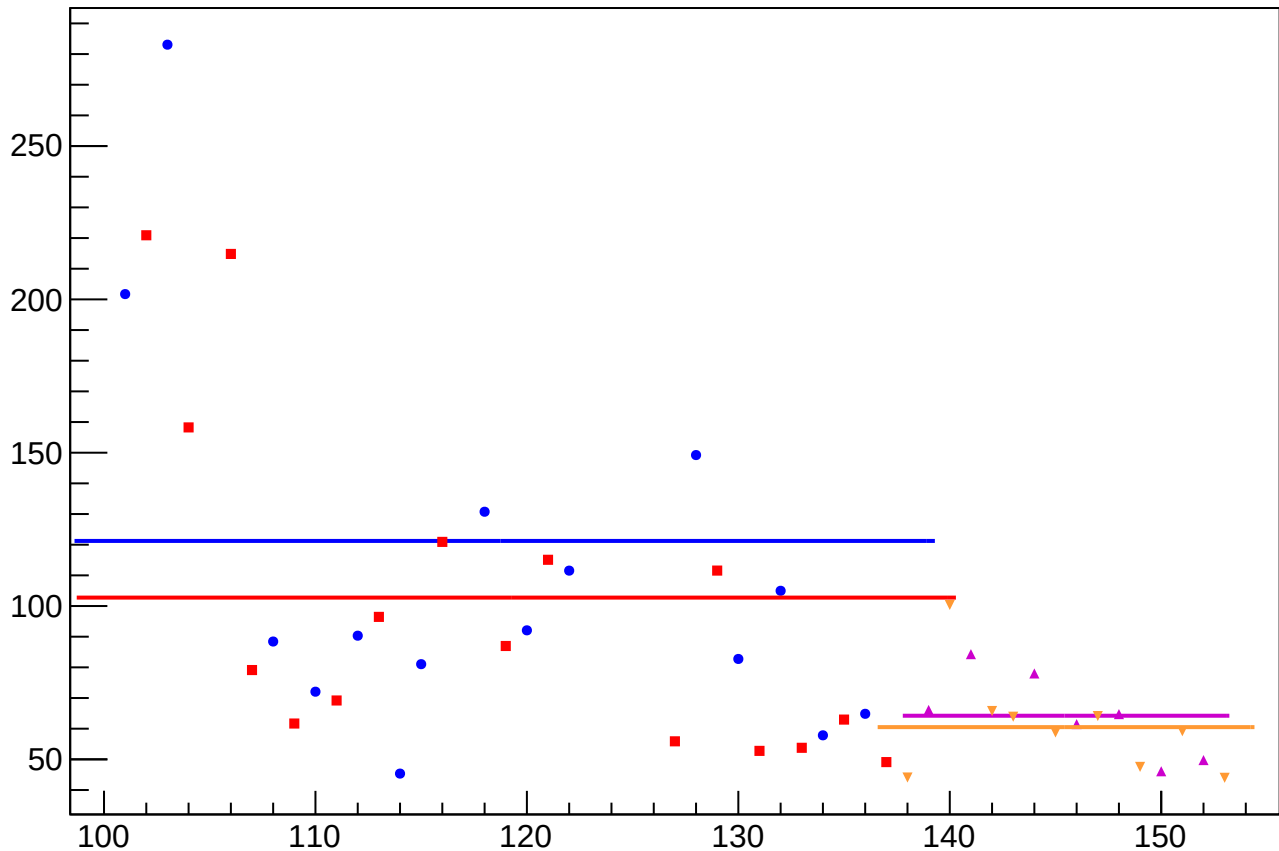
Left In: -1025.904+/-0.000 χ^2/NDF : 282540158516899690194382511288874958848.0/6

+ sign -588.594+/-0.000 χ^2/NDF : 10519898510509

All: -553.114+/-0.000 χ^2/NDF : 24883203320

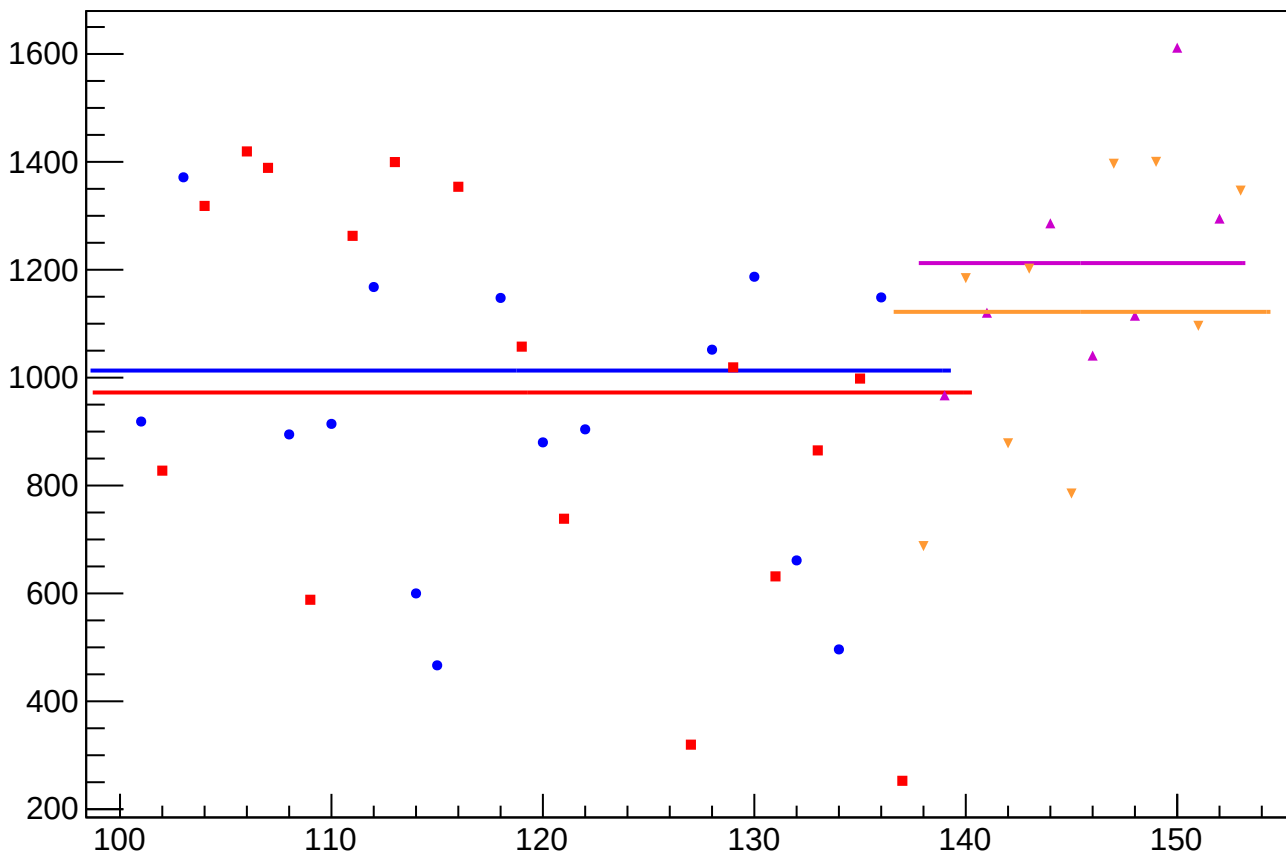
- sign -515.954+/-0.000 χ^2/NDF : 143598848667935

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000	χ^2/NDF : 2723170857684362574800637594861305856.0/14	+ sign 90.203+/-0.000	χ^2/NDF : 4137850161402020
Left Out: 60.506+/-0.000	χ^2/NDF : 192059127544567289416488708107927552.0/8	All: 87.420+/-0.000	χ^2/NDF : 6695538631268
Right Out: 102.749+/-0.000	χ^2/NDF : 1967668024846010333654427670555918336.0/15	- sign 84.505+/-0.000	χ^2/NDF : 2536640040464847
Left In: 64.223+/-0.000	χ^2/NDF : 100157457897746131882614860483133440.0/6		

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971 +/- 0.000

χ^2/NDF : 44094101174250383817095145493775777792.0/8

Right Out: 972.465 +/- 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355 +/- 0.000

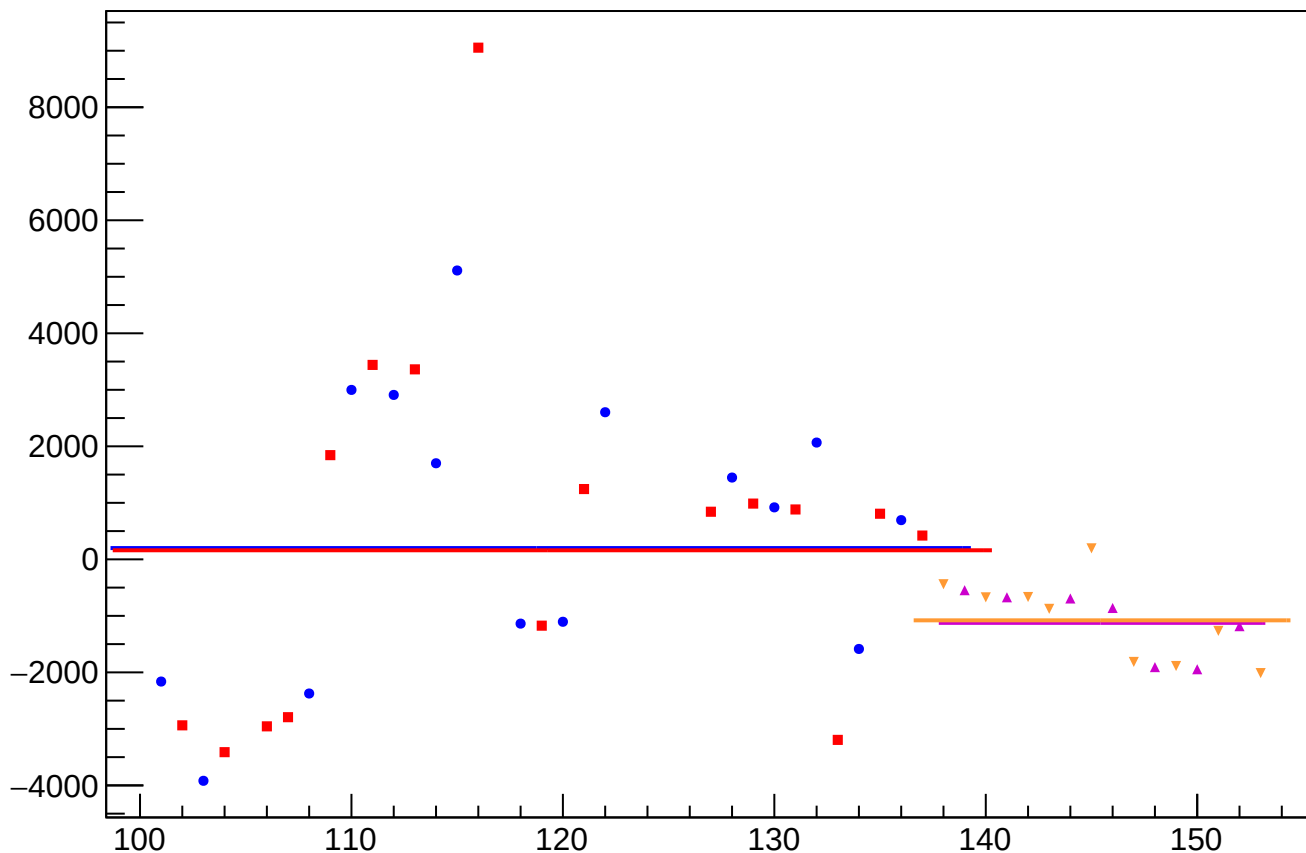
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748 +/- 0.000 χ^2/NDF : 79742308009292

All: 1077.207 +/- 0.000 χ^2/NDF : 20141016165

- sign 1086.067 +/- 0.000 χ^2/NDF : 12147342954497

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -1079.204+/-0.000 χ^2/NDF : 361344536960976874173865622672555114496.0/8

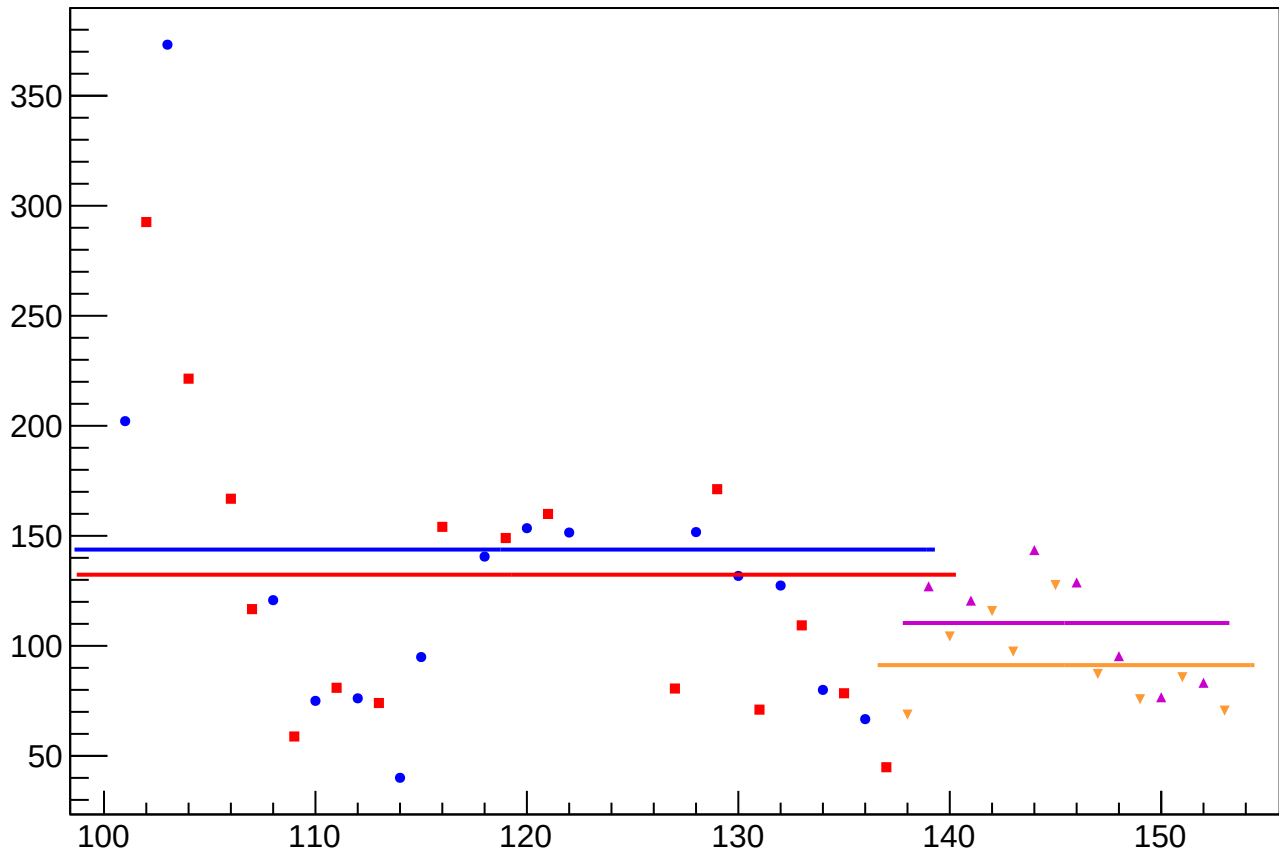
Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: -1123.800+/-0.000 χ^2/NDF : 179898196878611839329065877210440663040.0/6

All: -450.825+/-0.000 χ^2/NDF : 10553191457

- sign -447.686+/-0.000 χ^2/NDF : 638147963148558

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 91.255+/-0.000 χ^2/NDF : 250894708159052117006618901753102336.0/8

Right Out: 132.341+/-0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

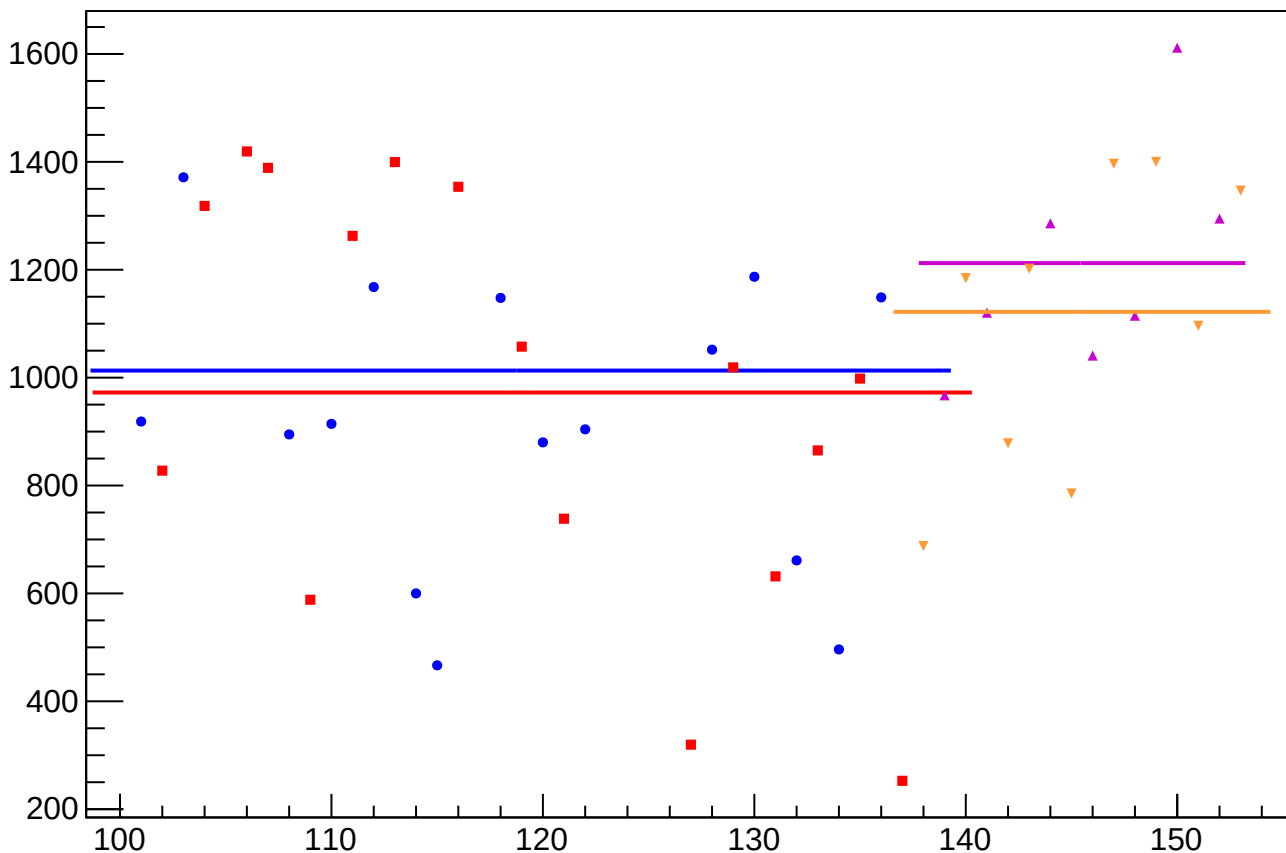
Left In: 110.390+/-0.000 χ^2/NDF : 344265617704468642337460498498322432.0/6

All: 119.383+/-0.000 χ^2/NDF : 936674837500.0/60

+ sign 116.935+/-0.000 χ^2/NDF : 567993306626661.0/60

- sign 121.946+/-0.000 χ^2/NDF : 367054423005751.0/60

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: 972.465+/-0.000

Left In: 1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 4409410117425038381709514549377577792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

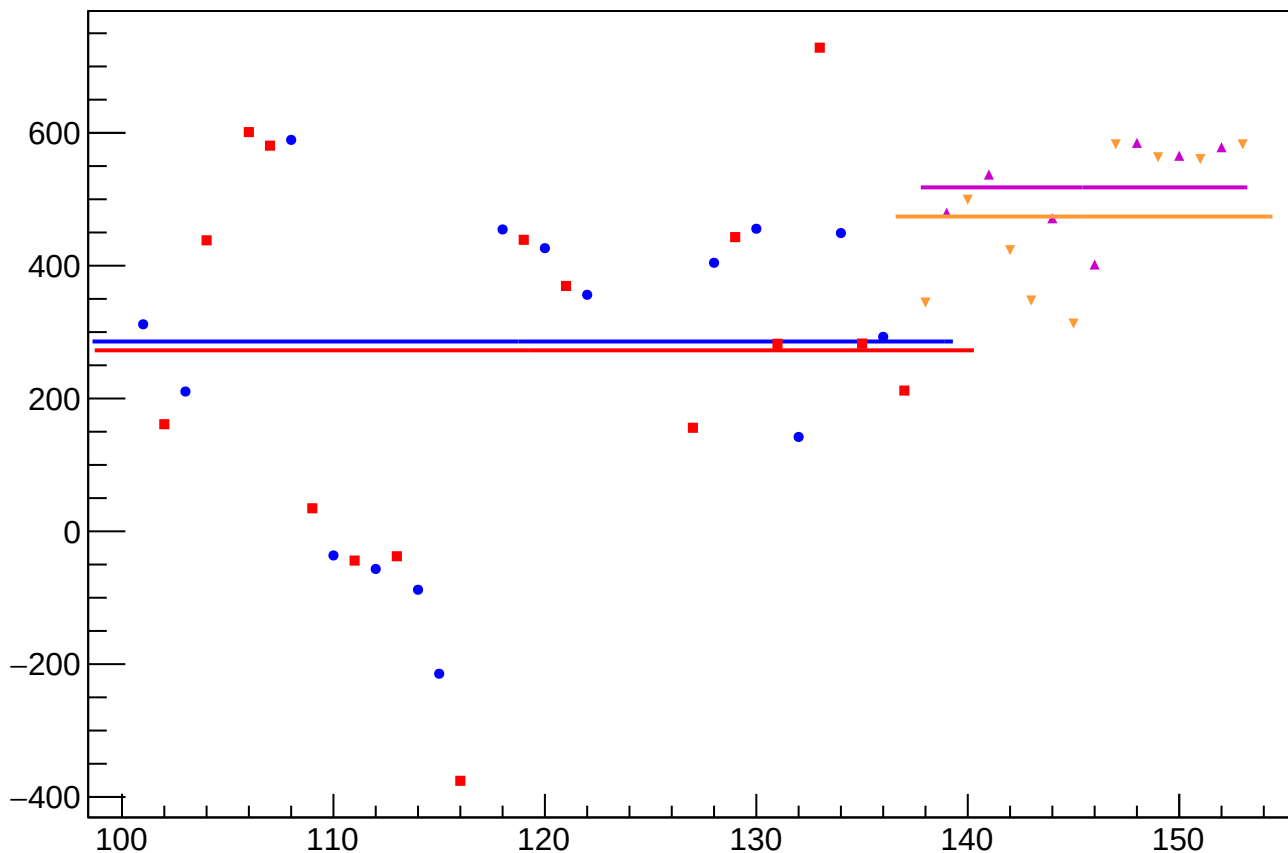
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 474.010+/-0.000 χ^2/NDF : 7824874951008666781873447741192929280.0/8

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

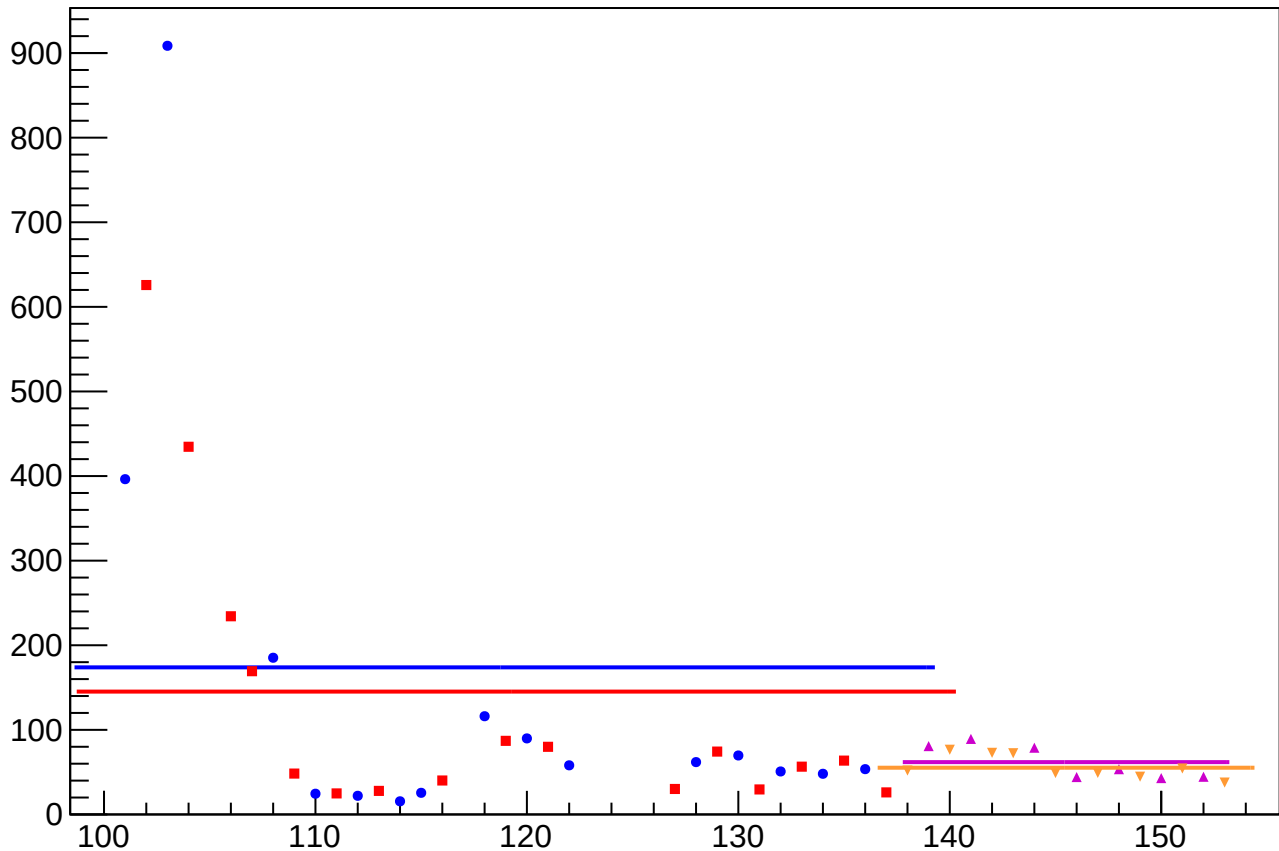
Left In: 517.911+/-0.000 χ^2/NDF : 2363050971376420776632726835710394368.0/6

+ sign 381.989+/-0.000 χ^2/NDF : 436721255550778

All: 385.285+/-0.000 χ^2/NDF : 109232011327

- sign 388.737+/-0.000 χ^2/NDF : 655303757342175

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

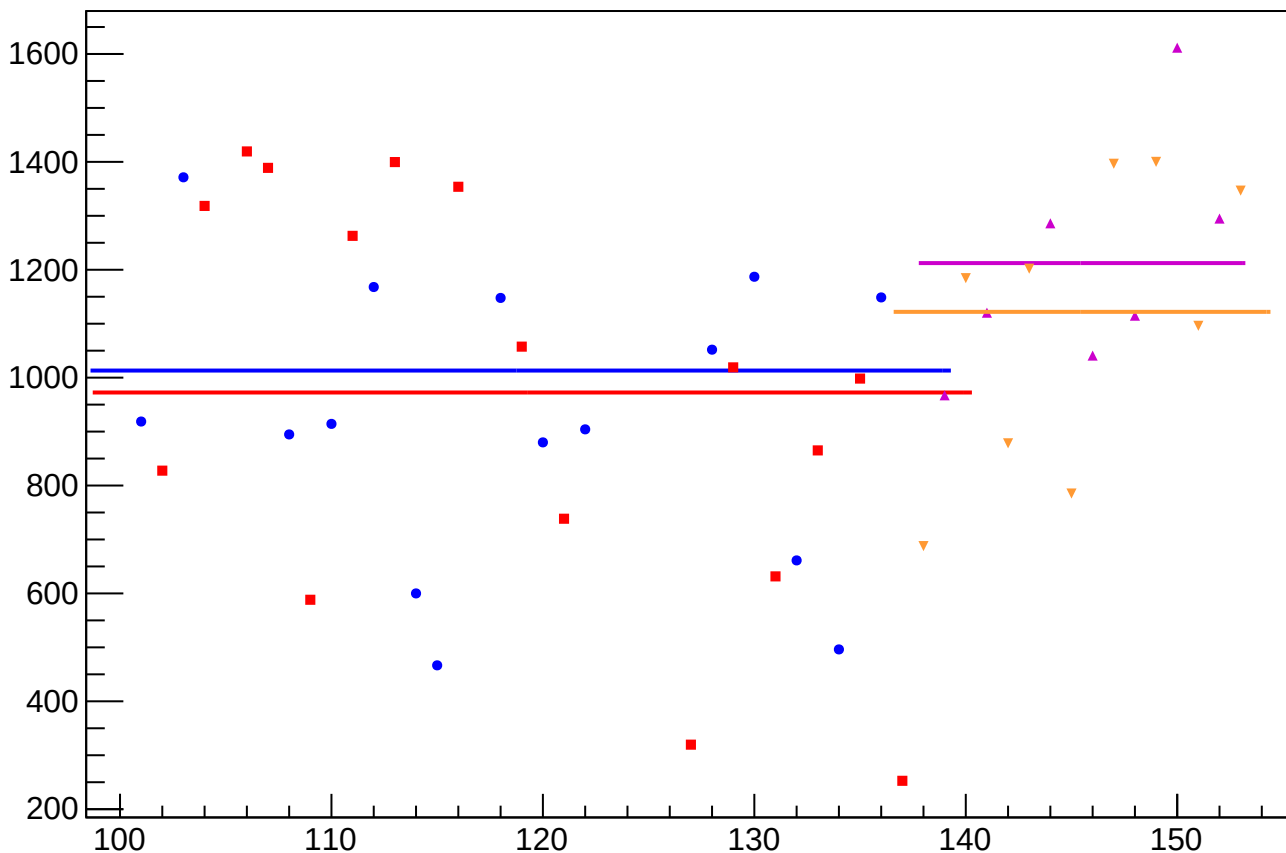
Left Out: 55.244+/-0.000 χ^2/NDF : 113589262736658610277820686942601216.0/8

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

Left In: 61.854+/-0.000 χ^2/NDF : 209049579625268618410900972103532544.0/6

All: 109.590+/-0.000 χ^2/NDF : 714562608723

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: 972.465+/-0.000

Left In: 1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 4409410117425038381709514549377577792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

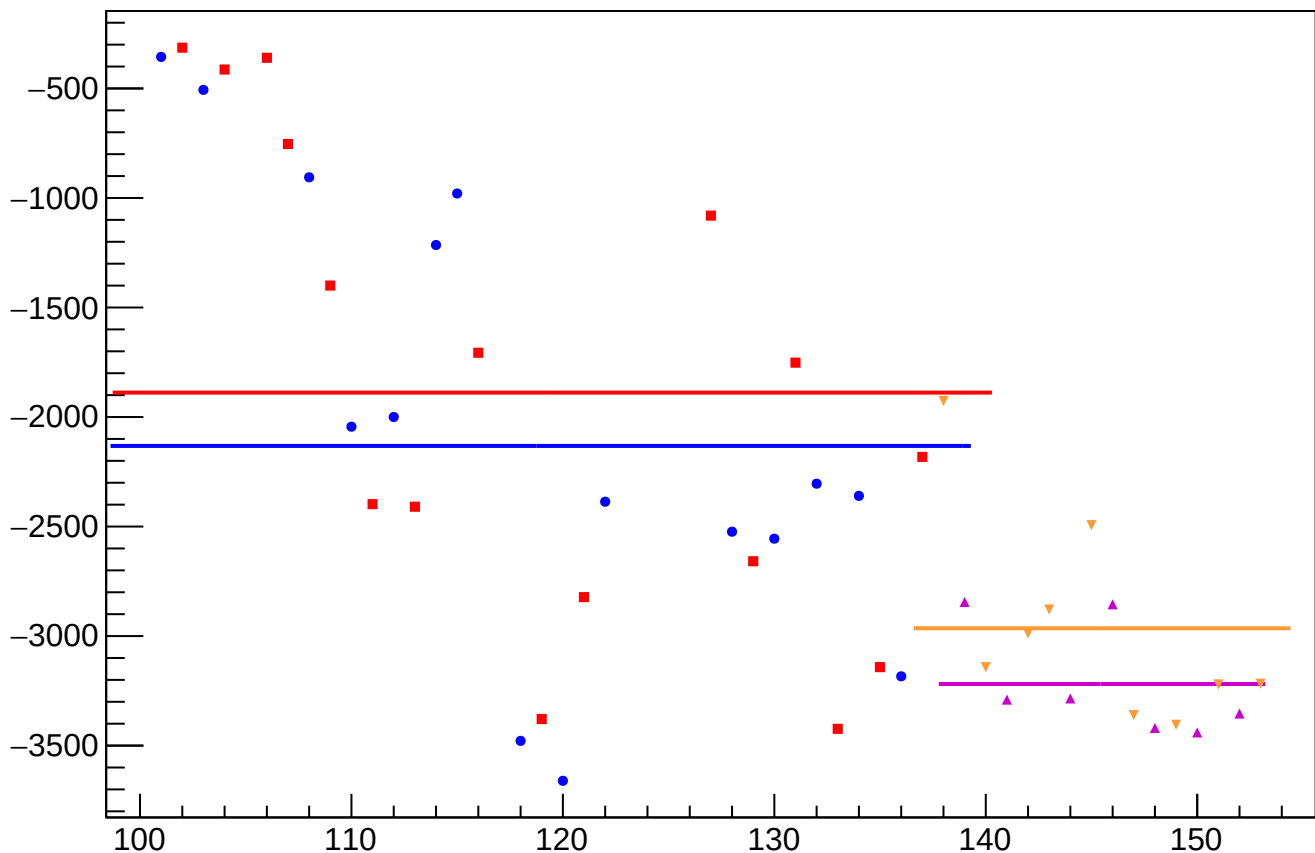
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748+/-0.000 χ^2/NDF : 79742308009292

All: 1077.207+/-0.000 χ^2/NDF : 20141016165

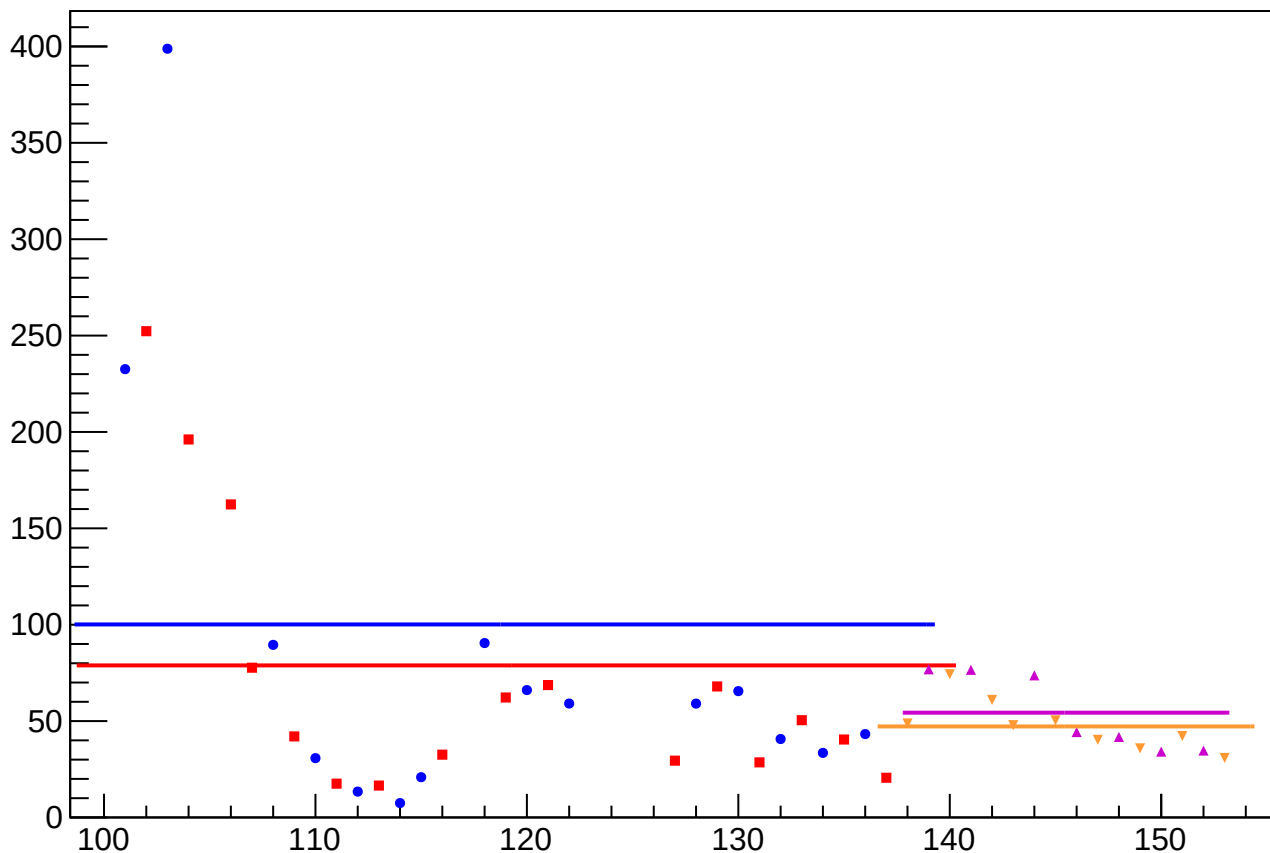
- sign 1086.067+/-0.000 χ^2/NDF : 12147342954497

dit_sam8_coil6_mean vs Slug



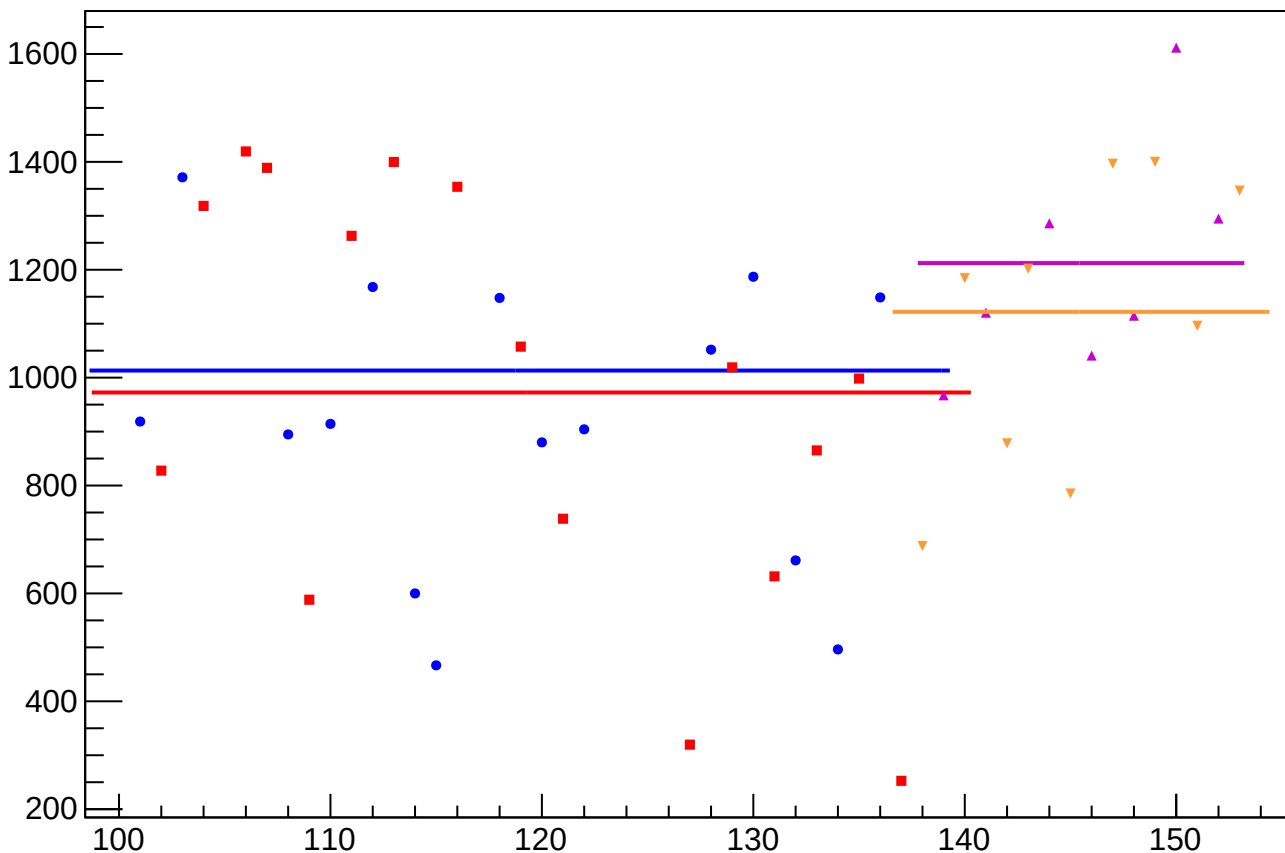
Right In: -2131.905+/-0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -2964.363+/-0.000 χ^2/NDF : 144056939546478972355942561374109958144.0/8
 Right Out: -1888.448+/-0.000 χ^2/NDF : 791986665551980691032719862611769819136.0/15
 Left In: -3218.891+/-0.000 χ^2/NDF : 32576396450884949268585959363331489792.0/6

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 47.225+/-0.000 χ^2/NDF : 109098032159476306274256912553869312.0/8
 Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: 54.359+/-0.000 χ^2/NDF : 208779377592100826790926973065494528.0/6
 + sign 73.102+/-0.000 χ^2/NDF : 8851286510416877
 All: 70.253+/-0.000 χ^2/NDF : 1279718721446
 - sign 67.268+/-0.000 χ^2/NDF : 3923842812830124

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971 +/- 0.000

χ^2/NDF : 4409410117425038381709514549377577792.0/8

Right Out: 972.465 +/- 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1212.355 +/- 0.000

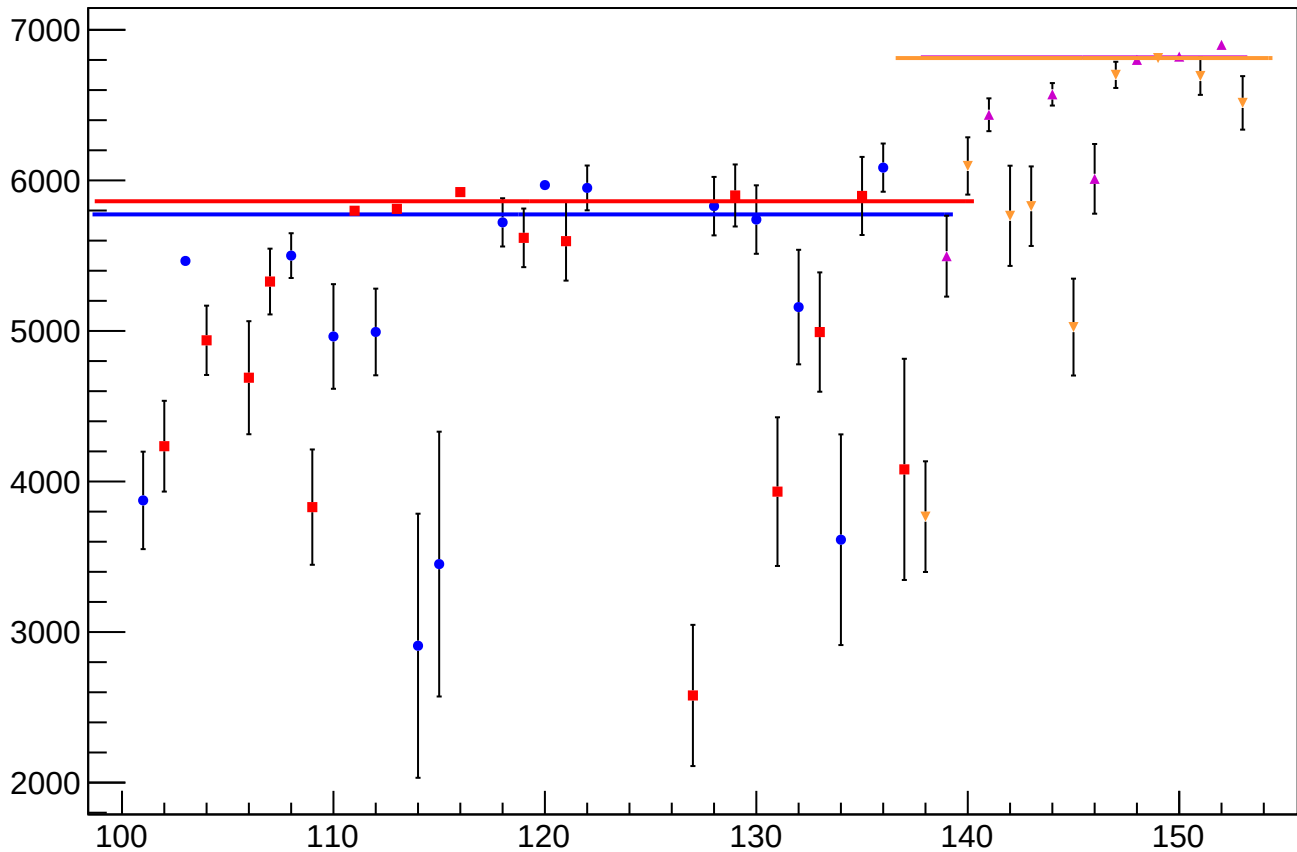
χ^2/NDF : 24411830353682588528377693132289998848.0/6

+ sign 1068.748 +/- 0.000 χ^2/NDF : 79742308009292

All: 1077.207 +/- 0.000 χ^2/NDF : 20141016165

- sign 1086.067 +/- 0.000 χ^2/NDF : 12147342954497

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6812.620 $\pm$ 0.311 χ^2 /NDF:142.8/8

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

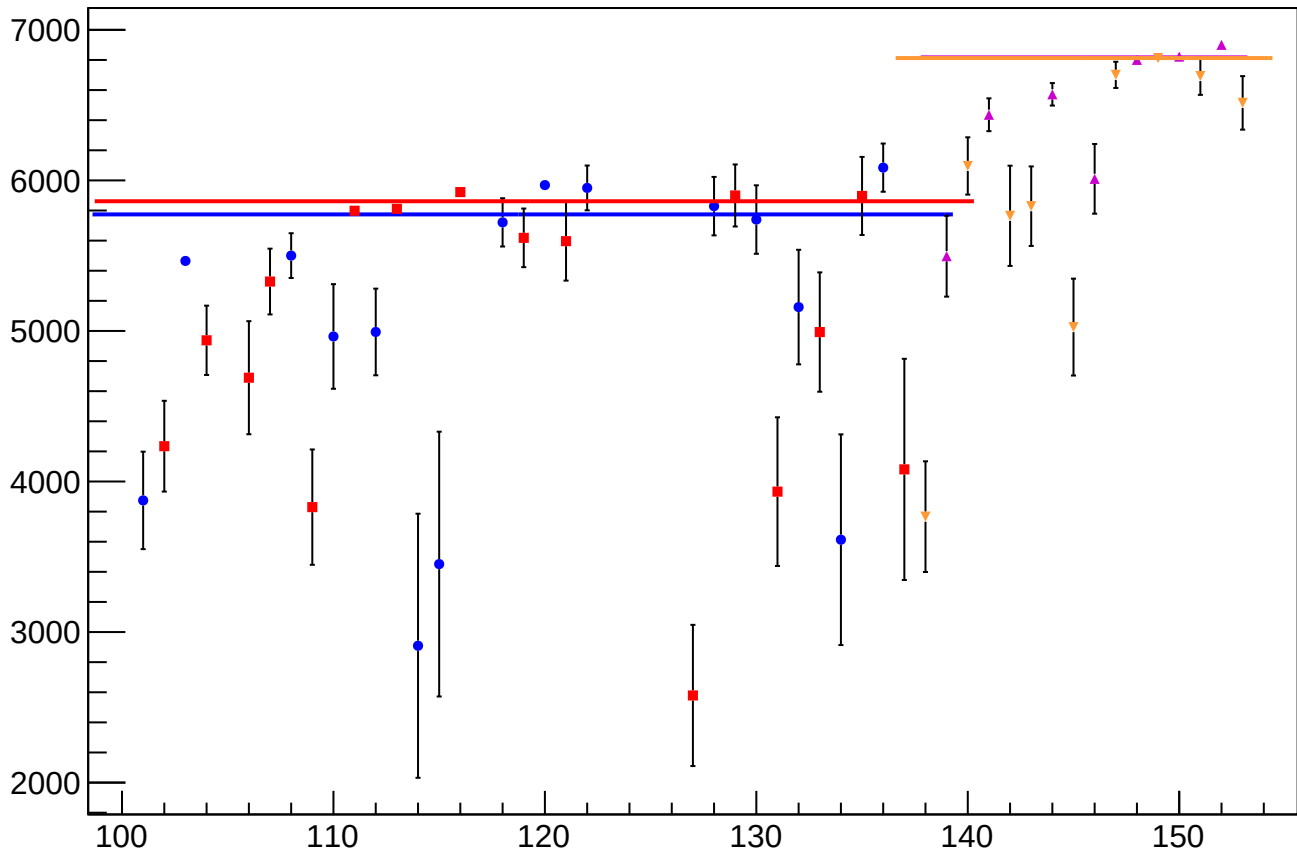
Left In: 6817.300 $\pm$ 0.235 χ^2 /NDF:7366.5/6

+ sign 6038.096 $\pm$ 0.157 χ^2 /NDF: 10154669.7/23

All: 6083.801 $\pm$ 0.095 χ^2 /NDF: 22701272.4/4

- sign 6110.609 $\pm$ 0.120 χ^2 /NDF: 12411641.6/22

dit_run_rms vs Slug



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 6812.620 ± 0.311 $\chi^2/\text{NDF}: 142.8/8$

Right Out: 5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

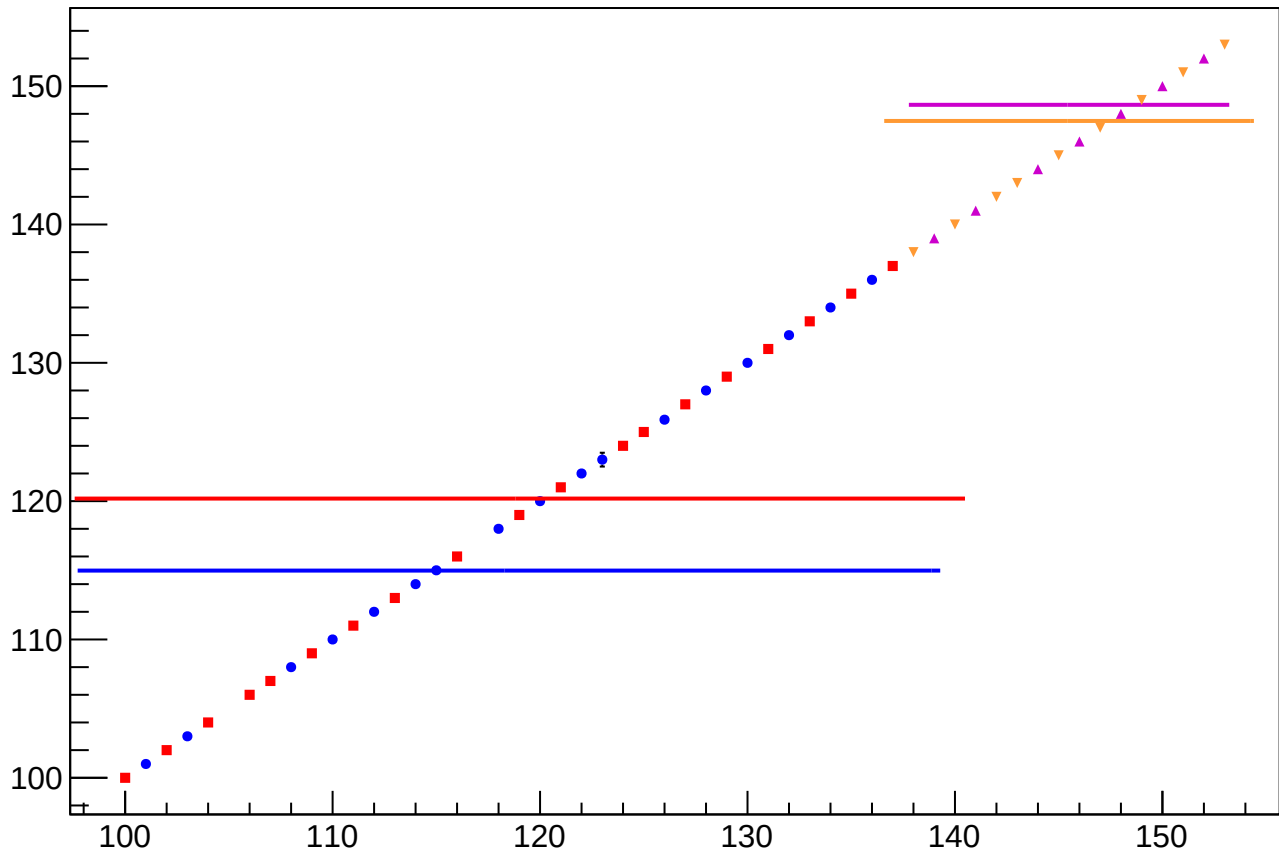
Left In: 6817.300 ± 0.235 $\chi^2/\text{NDF}: 7366.5/6$

+ sign 6038.096 ± 0.157 $\chi^2/\text{NDF}: 10154669.7/23$

All: 6083.801 ± 0.095 $\chi^2/\text{NDF}: 22701272.4/4$

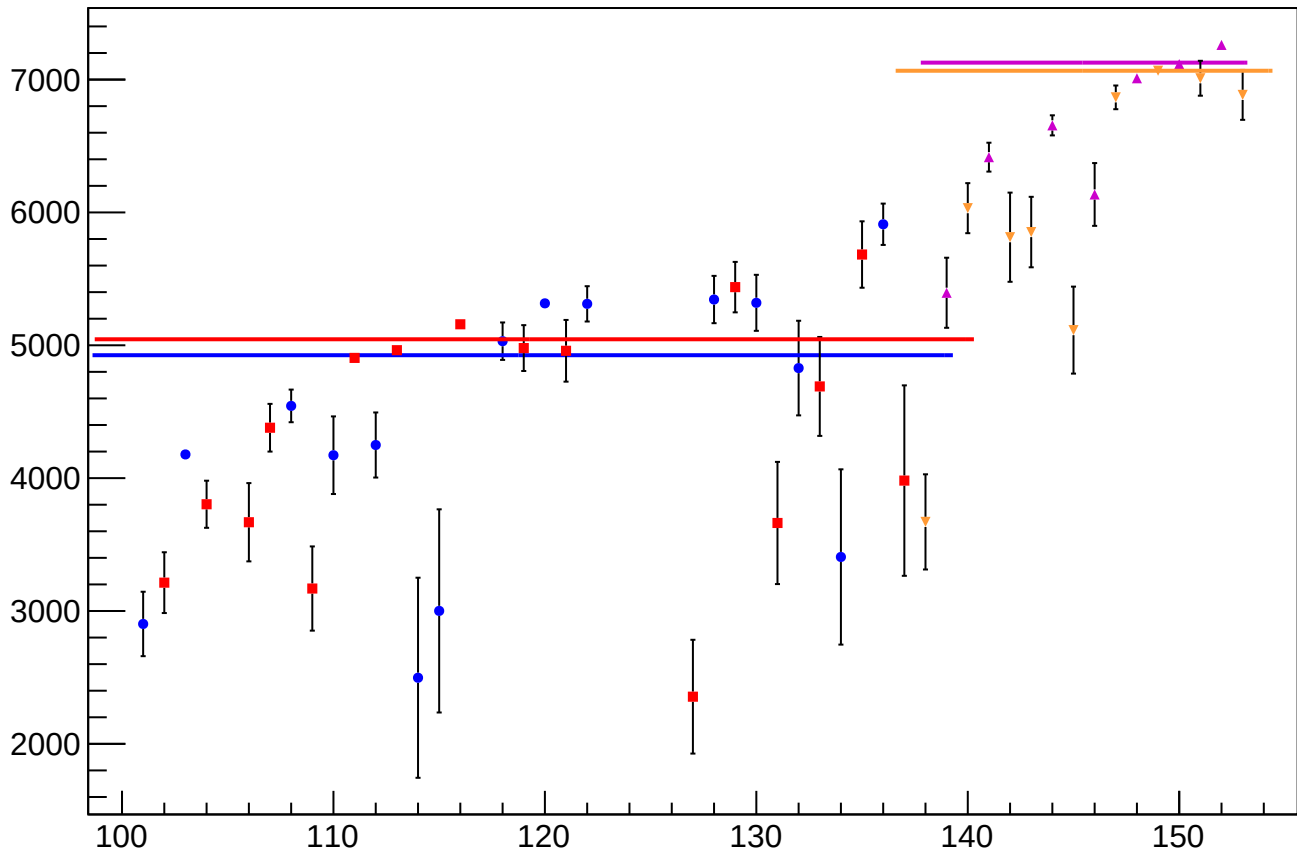
- sign 6110.609 ± 0.120 $\chi^2/\text{NDF}: 12411641.6/22$

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 147.485+/-0.000 χ^2/NDF : 12900818648050543712514512781312.0/8
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 148.652+/-0.000 χ^2/NDF : 3753359172444155657131739054080.0/6

dit_cyclenum_mean vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7066.429 $\pm$ 1.478 χ^2 /NDF:196.7/8

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

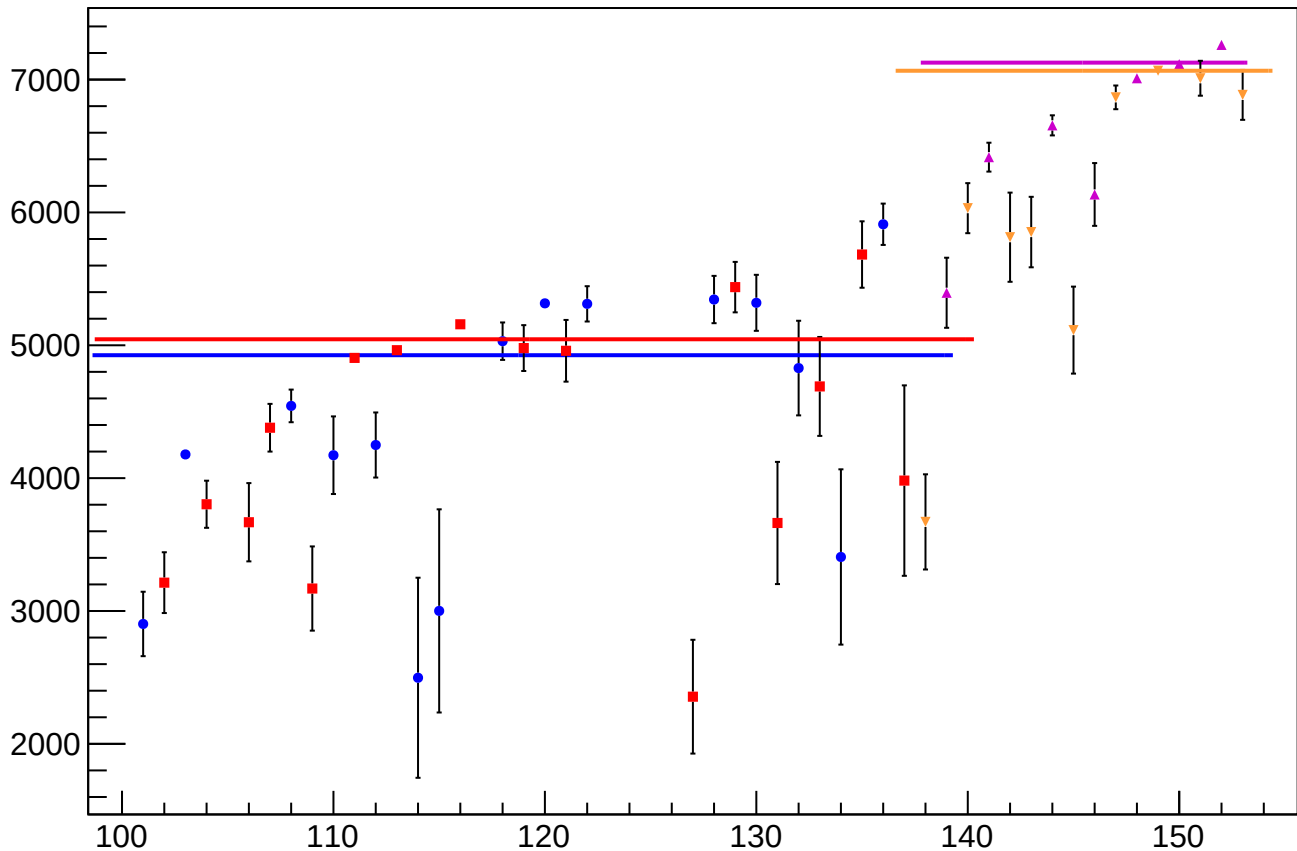
Left In: 7127.523 $\pm$ 0.987 χ^2 /NDF:10278.9/6

+ sign 5540.983 $\pm$ 0.792 χ^2 /NDF: 1827228.3/23

All: 5647.354 $\pm$ 0.454 χ^2 /NDF: 4947715.6/40

- sign 5699.192 $\pm$ 0.553 χ^2 /NDF: 3093680.3/22

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7066.429 $\pm$ 1.478 χ^2 /NDF:196.7/8

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

Left In: 7127.523 $\pm$ 0.987 χ^2 /NDF:10278.9/6

+ sign 5540.983 $\pm$ 0.792 χ^2 /NDF: 1827228.3/23

All: 5647.354 $\pm$ 0.454 χ^2 /NDF: 4947715.6/40

- sign 5699.192 $\pm$ 0.553 χ^2 /NDF: 3093680.3/22

dit_scandata1_mean vs Slug



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

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

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

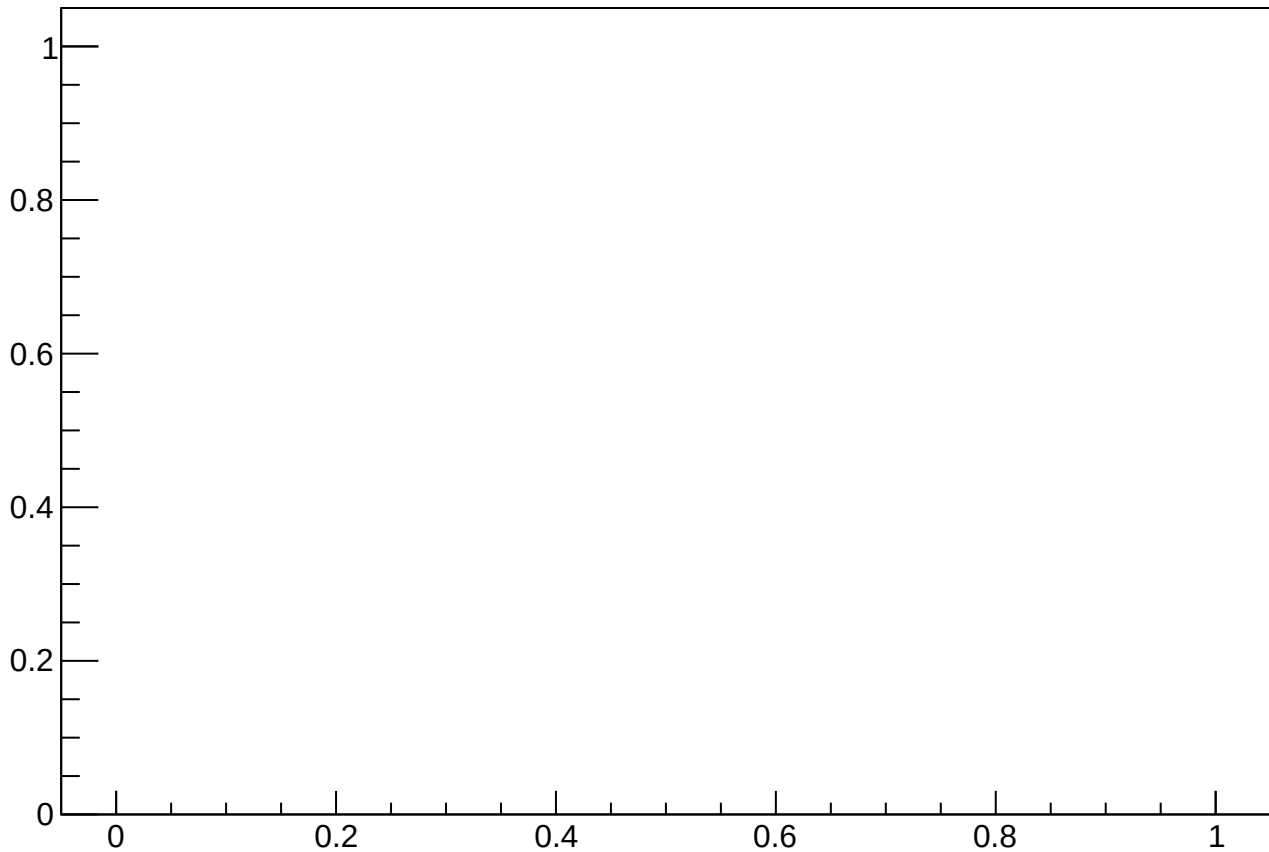
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug



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

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

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

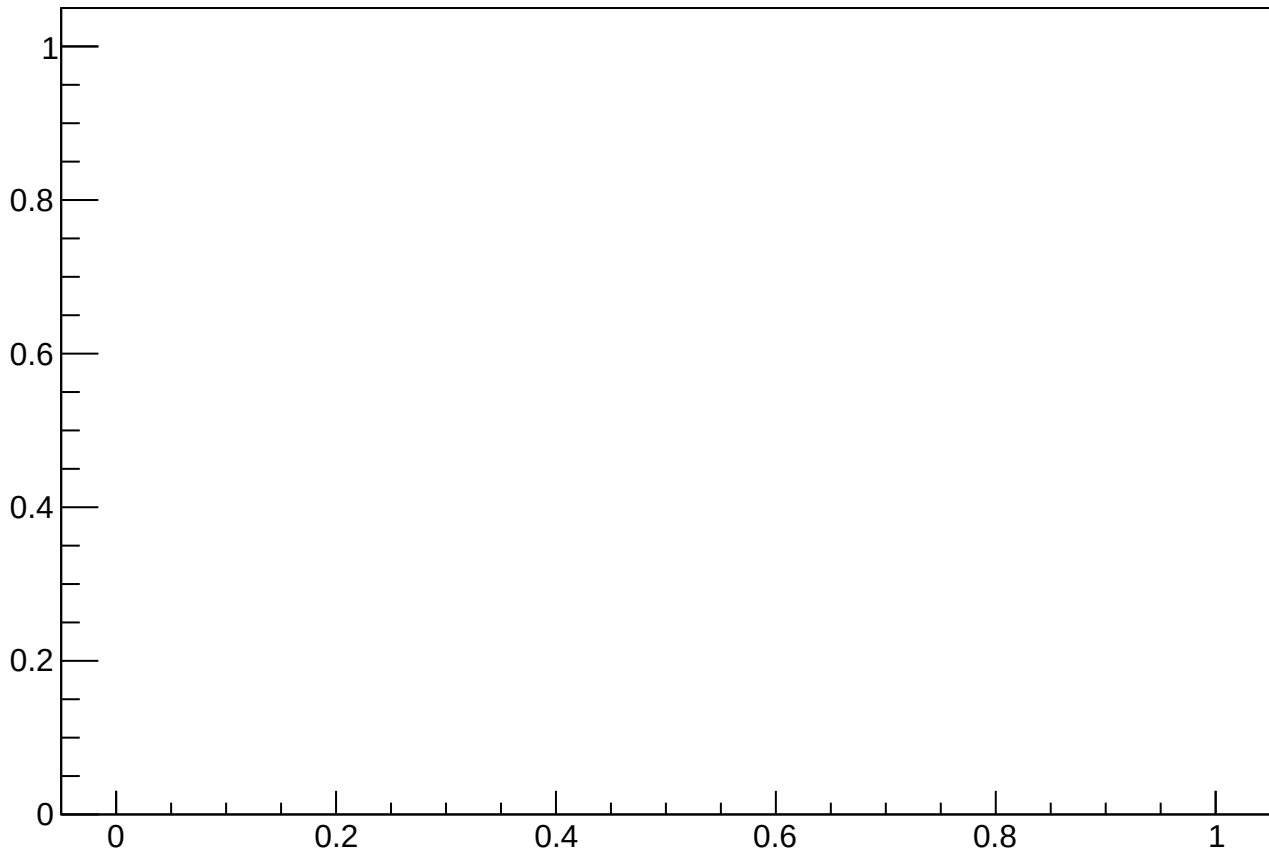
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



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

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

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

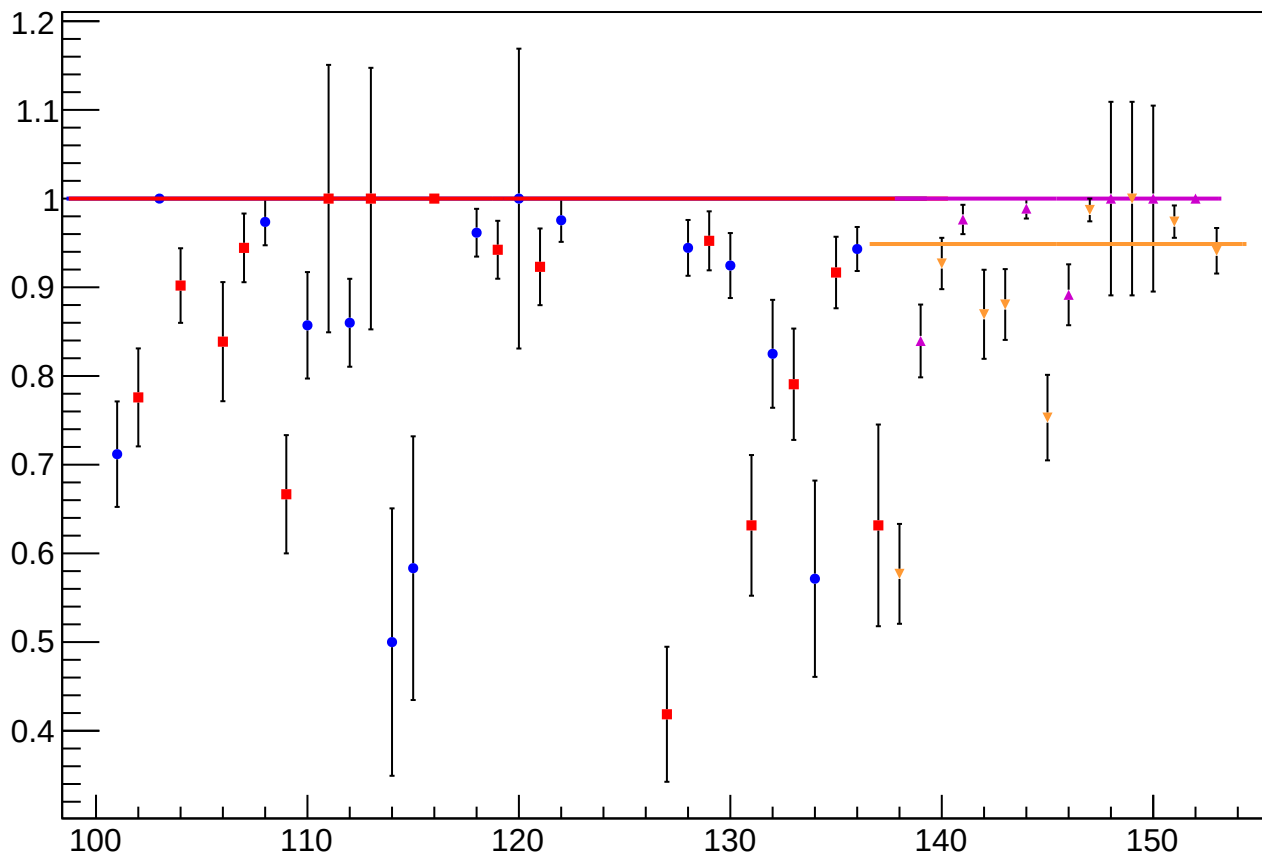
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.949 $\pm$ 0.009 χ^2 /NDF: 77.3/8

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

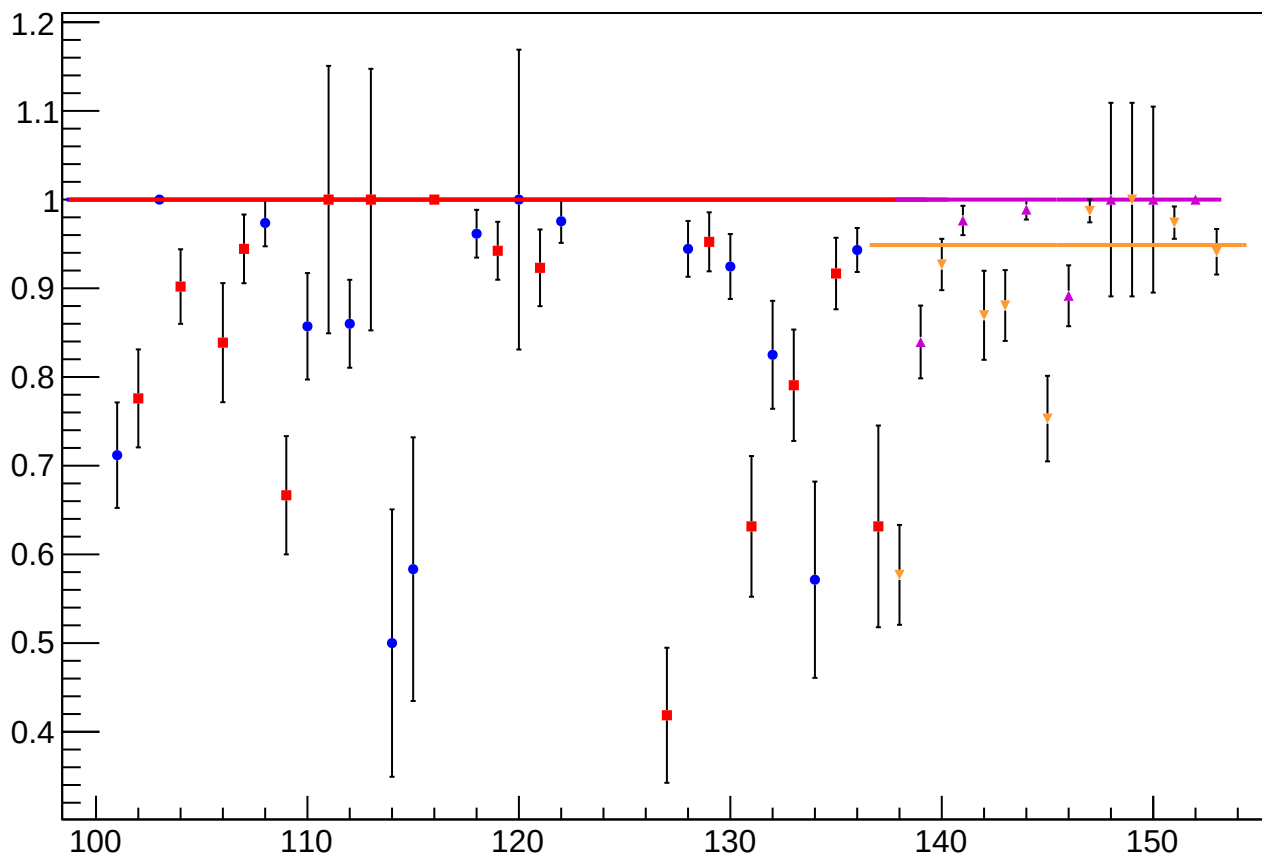
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 28.3/6

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 209.0/23

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 575.1/46

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 374.9/22

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 95.9/14$

Left Out: 0.949 ± 0.009 $\chi^2/\text{NDF}: 77.3/8$

Right Out: 1.000 ± 0.000 $\chi^2/\text{NDF}: 168.9/15$

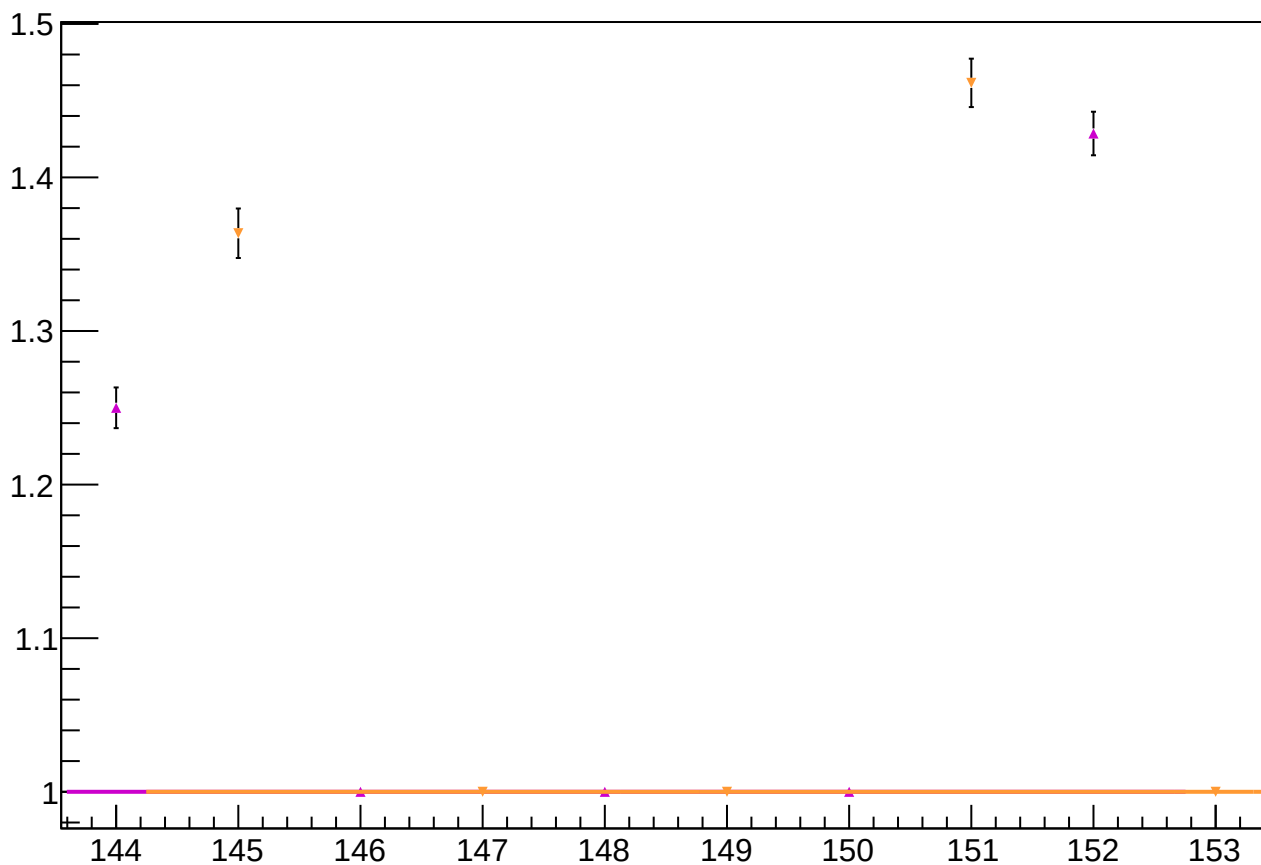
Left In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 28.3/6$

+ sign 1.000 ± 0.000 $\chi^2/\text{NDF}: 209.0/23$

All: 1.000 ± 0.000 $\chi^2/\text{NDF}: 575.1/46$

- sign 1.000 ± 0.000 $\chi^2/\text{NDF}: 374.9/22$

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 : 1611.1/4

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

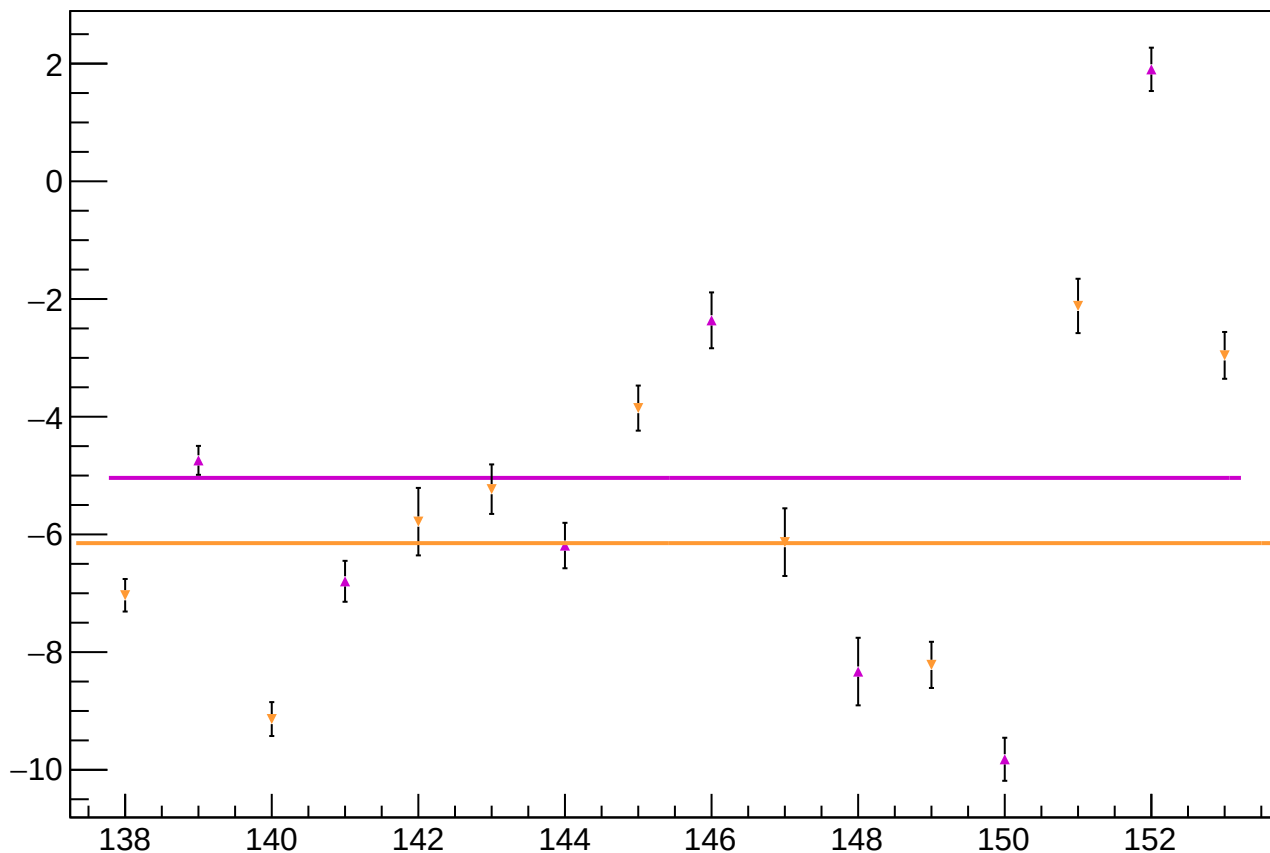
Left In: 1.000+/-0.000 χ^2/NDF : 1524.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 3437.5/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -6.148+/-0.128 χ^2/NDF : 327.3/8

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

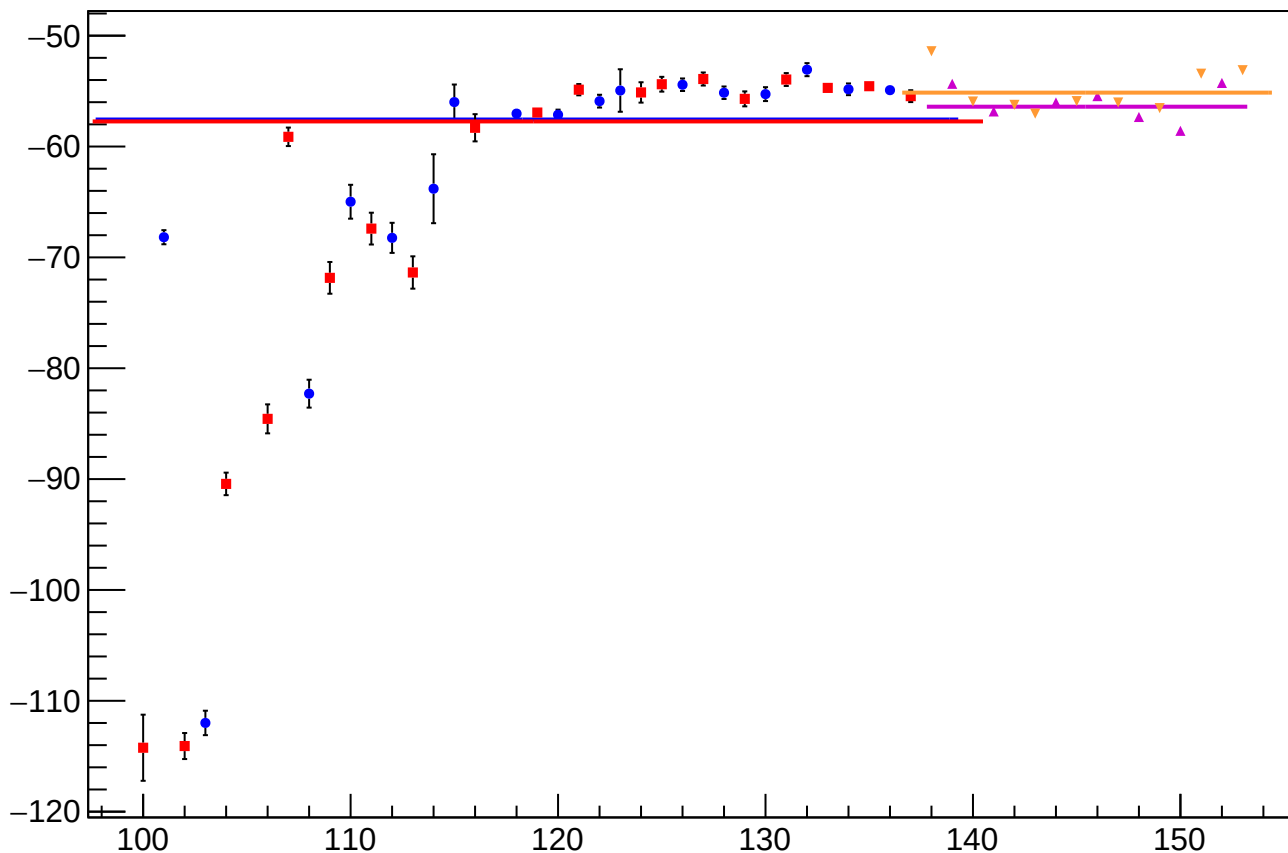
Left In: -5.040+/-0.136 χ^2/NDF : 626.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.629+/-0.093 χ^2/NDF : 989.1/15

- 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 $\chi^2/\text{NDF}: 3455.9/16$

Left Out: -55.137 ± 0.095 $\chi^2/\text{NDF}: 333.3/8$

Right Out: -57.736 ± 0.143 $\chi^2/\text{NDF}: 4698.4/18$

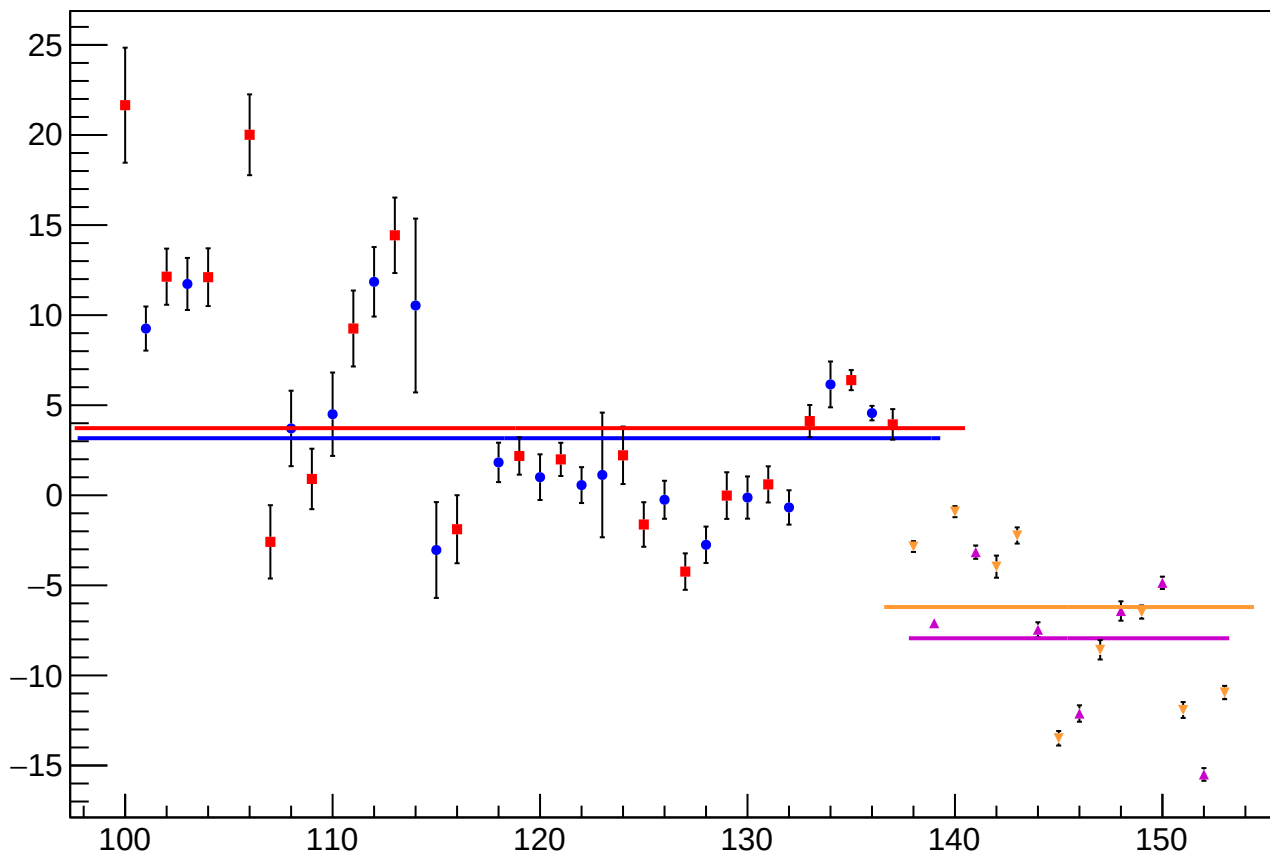
Left In: -56.407 ± 0.108 $\chi^2/\text{NDF}: 182.4/6$

+ sign -55.894 ± 0.079 $\chi^2/\text{NDF}: 3991.5/25$

All: -56.349 ± 0.058 $\chi^2/\text{NDF}: 8999.8/51$

- sign -56.890 ± 0.086 $\chi^2/\text{NDF}: 4935.8/25$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -6.203 ± 0.130 χ^2/NDF : 1192.1/8

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

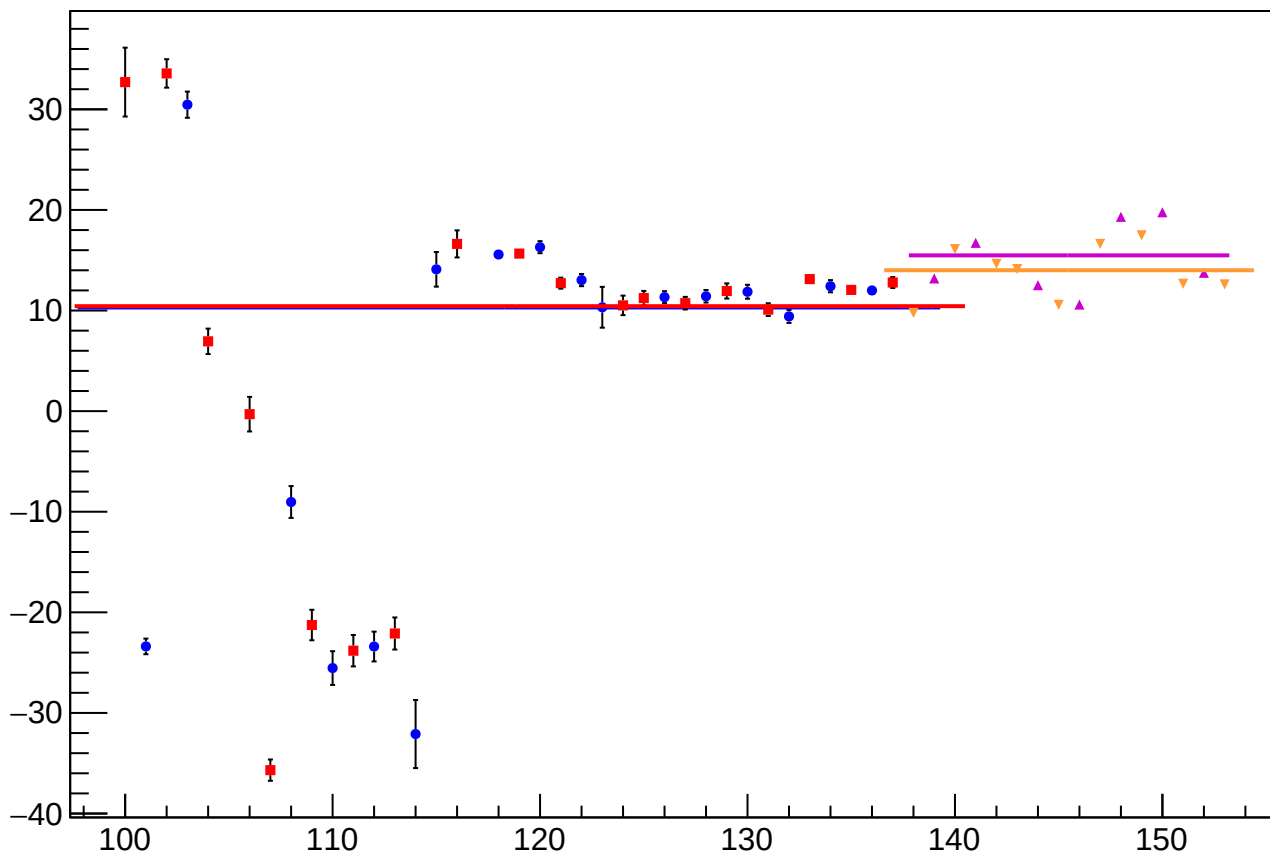
Left In: -7.937 ± 0.138 χ^2/NDF : 811.7/6

+ sign -4.293 ± 0.116 χ^2/NDF : 2431.0/25

All: -4.848 ± 0.085 χ^2/NDF : 5116.9/51

- sign -5.466 ± 0.123 χ^2/NDF : 2637.9/25

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 14.006 $\pm$ 0.114 χ^2 /NDF: 498.9/8

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

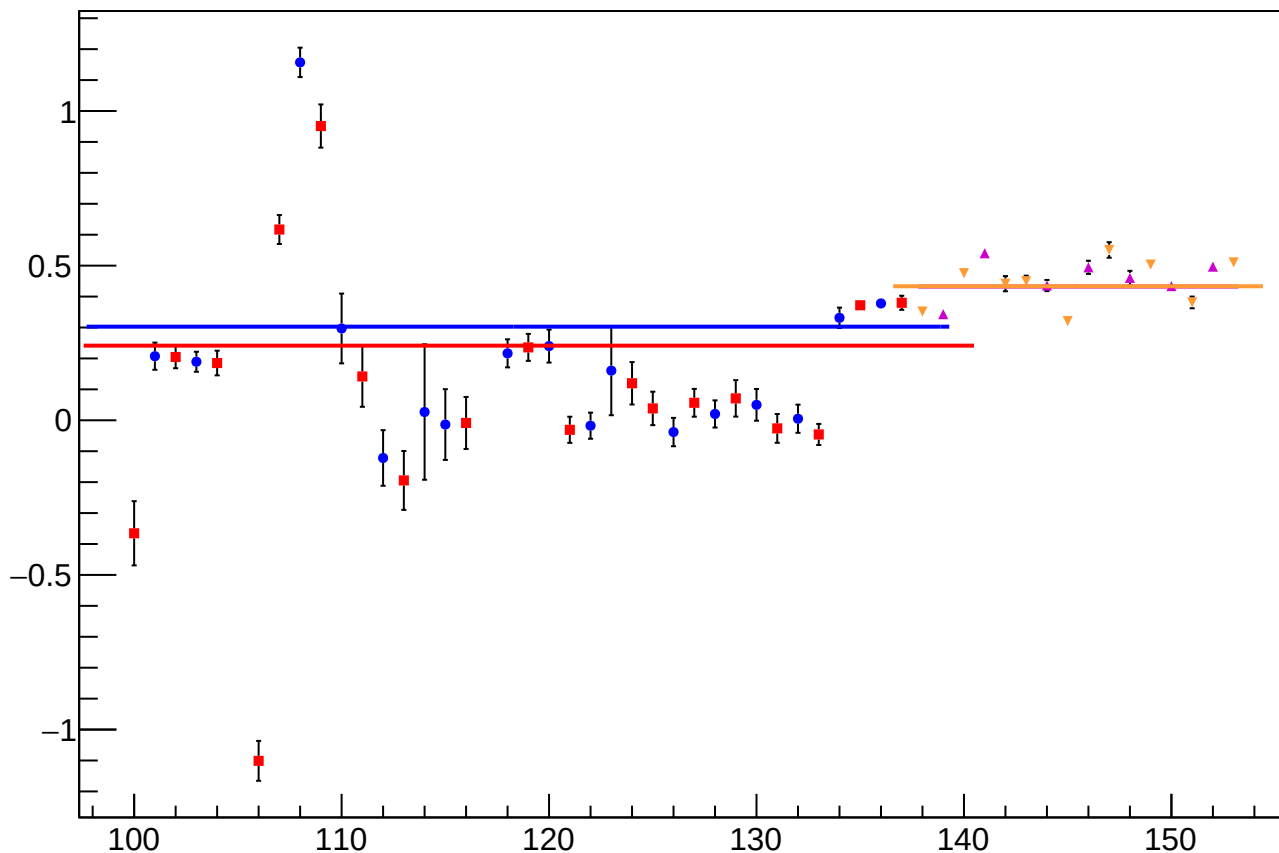
Left In: 15.484 $\pm$ 0.128 χ^2 /NDF: 637.7/6

+ sign 12.723 $\pm$ 0.092 χ^2 /NDF: 4575.0/25

All: 13.082 $\pm$ 0.068 χ^2 /NDF: 9680.7/51

- sign 13.504 $\pm$ 0.100 χ^2 /NDF: 5072.8/25

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.433 $\pm$ 0.005 χ^2 /NDF:195.3/8

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

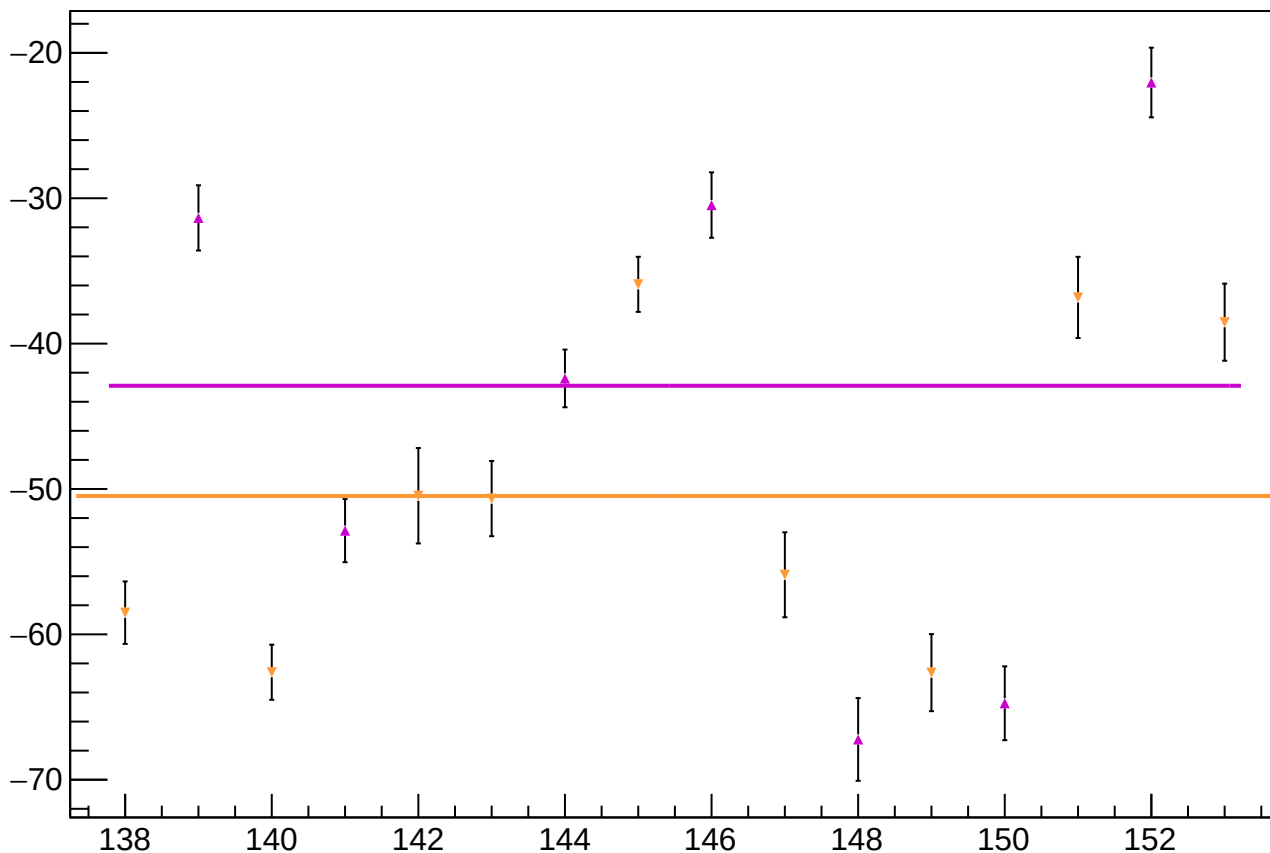
Left In: 0.432 $\pm$ 0.006 χ^2 /NDF:173.0/6

+ sign 0.395 $\pm$ 0.004 χ^2 /NDF: 1021.7/25

All: 0.386 $\pm$ 0.003 χ^2 /NDF: 2546.7/51

- sign 0.376 $\pm$ 0.005 χ^2 /NDF: 1515.8/25

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -50.482+/-0.804 χ^2/NDF :182.6/8

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

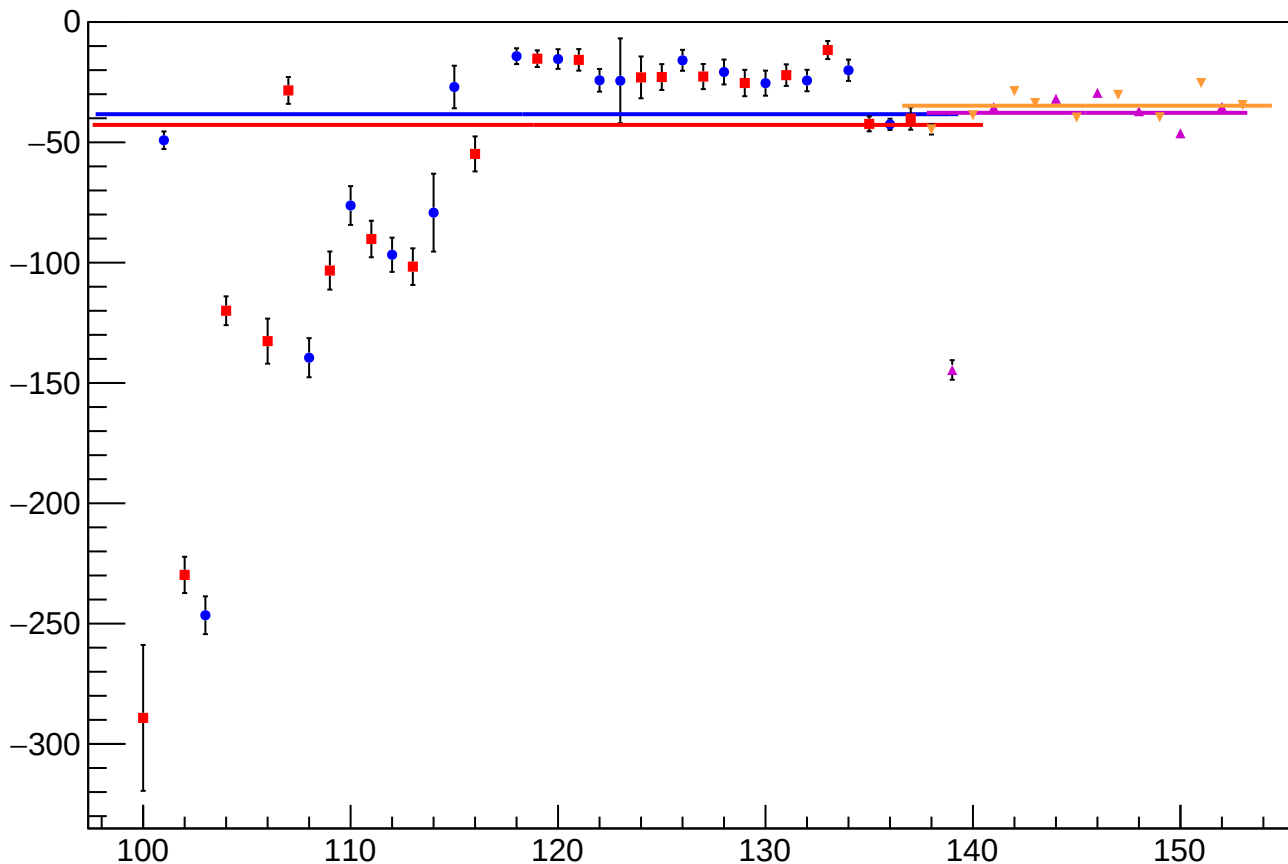
Left In: -42.900+/-0.872 χ^2/NDF :300.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.996+/-0.591 χ^2/NDF : 524.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -34.779 ± 0.563 $\chi^2/\text{NDF}: 99.4/8$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

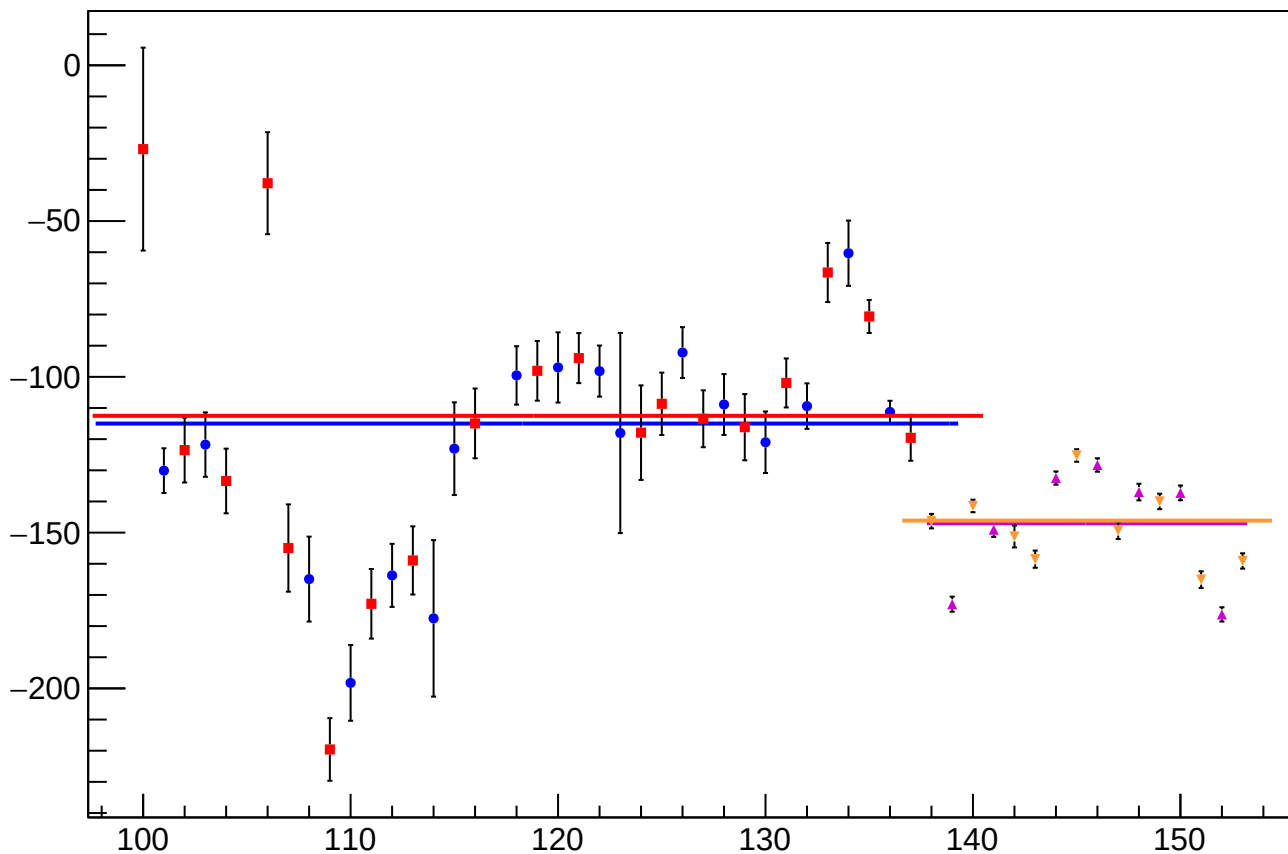
Left In: -37.740 ± 0.612 $\chi^2/\text{NDF}: 770.9/6$

+ sign -35.474 ± 0.504 $\chi^2/\text{NDF}: 1239.8/25$

All: -36.987 ± 0.371 $\chi^2/\text{NDF}: 3385.5/51$

- sign -38.762 ± 0.547 $\chi^2/\text{NDF}: 2126.2/25$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -146.138 ± 0.819 $\chi^2/\text{NDF}: 220.4/8$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

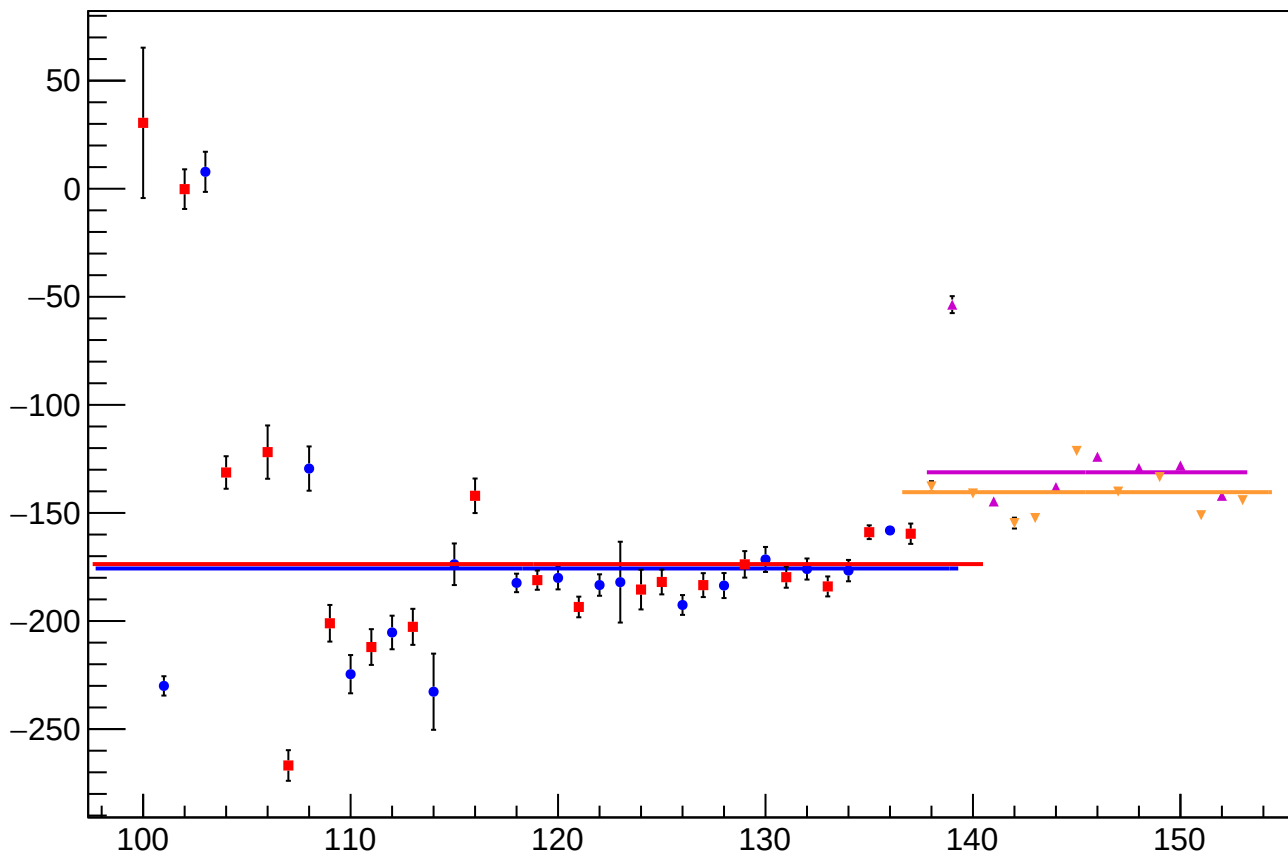
Left In: -146.992 ± 0.877 $\chi^2/\text{NDF}: 430.9/6$

+ sign -141.929 ± 0.762 $\chi^2/\text{NDF}: 557.5/25$

All: -142.098 ± 0.556 $\chi^2/\text{NDF}: 1472.5/51$

- sign -142.292 ± 0.815 $\chi^2/\text{NDF}: 914.9/25$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -140.387 ± 0.687 χ^2/NDF : 222.3/8

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

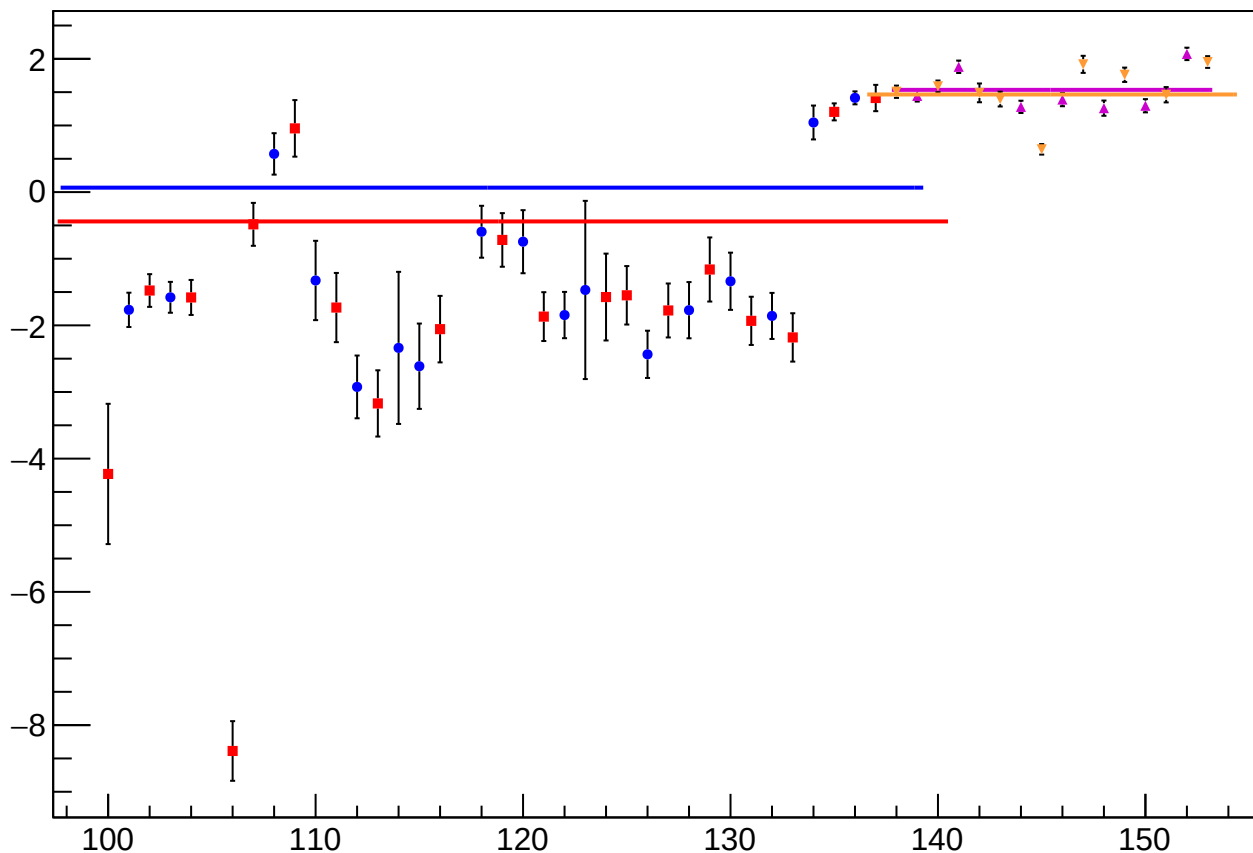
Left In: -131.193 ± 0.750 χ^2/NDF : 507.2/6

+ sign -148.396 ± 0.604 χ^2/NDF : 1515.2/25

All: -145.069 ± 0.444 χ^2/NDF : 3577.8/51

- sign -141.139 ± 0.656 χ^2/NDF : 1996.4/25

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.465 ± 0.034 χ^2/NDF : 161.5/8

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

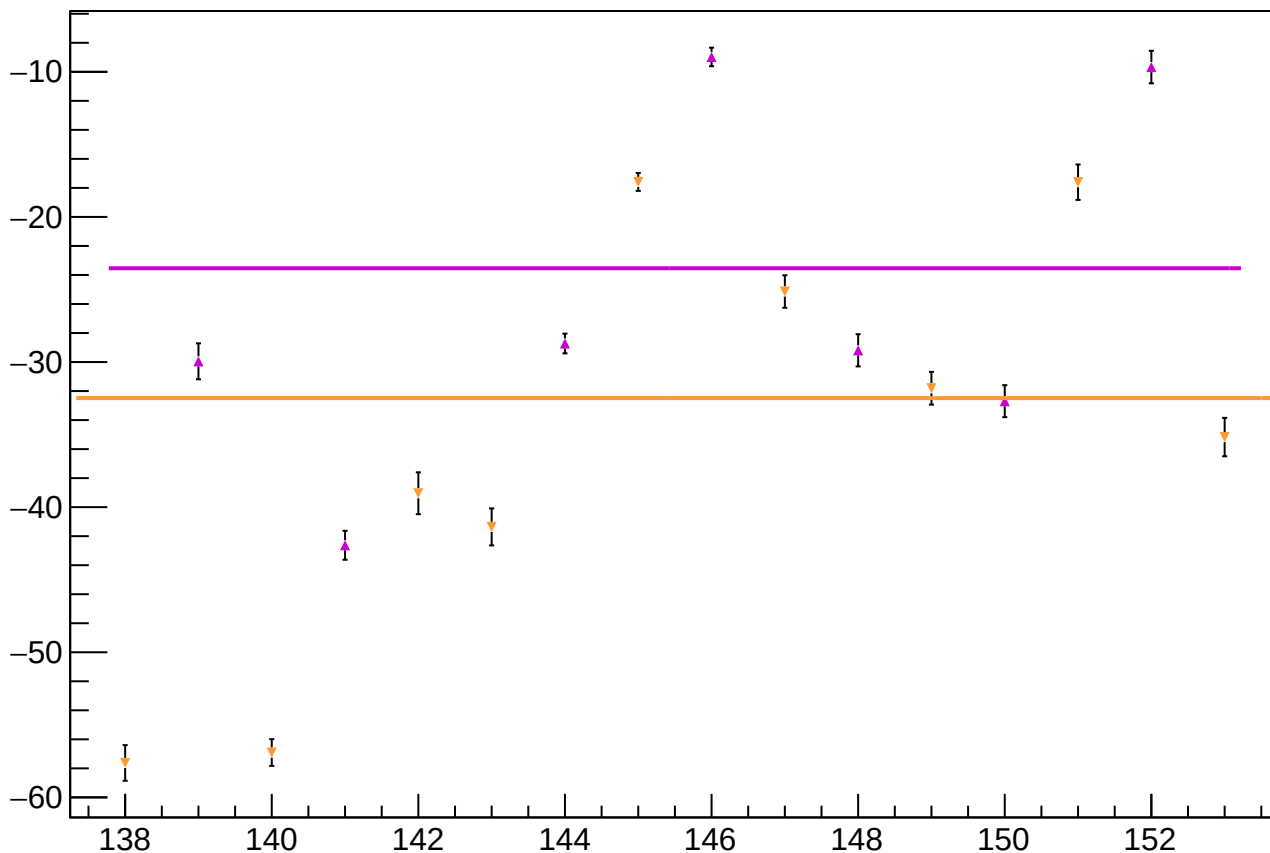
Left In: 1.535 ± 0.036 χ^2/NDF : 69.7/6

+ sign 1.185 ± 0.030 χ^2/NDF : 1036.3/25

All: 1.158 ± 0.022 χ^2/NDF : 2474.6/51

- sign 1.127 ± 0.032 χ^2/NDF : 1436.6/25

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.485+/-0.345 χ^2/NDF :1966.9/8

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

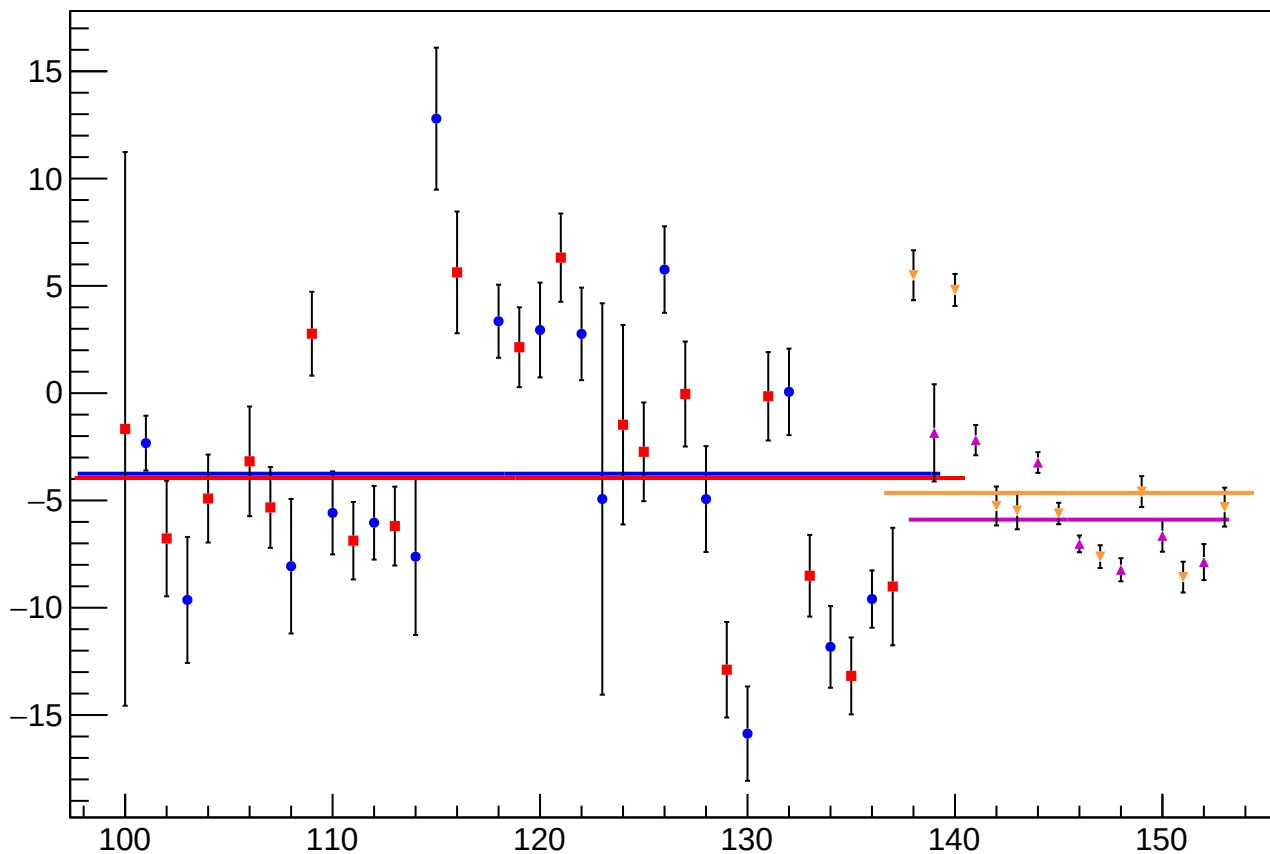
Left In: -23.536+/-0.339 χ^2/NDF :1219.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.924+/-0.242 χ^2/NDF : 3528.1/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -4.650 ± 0.238 χ^2/NDF : 303.7/8

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

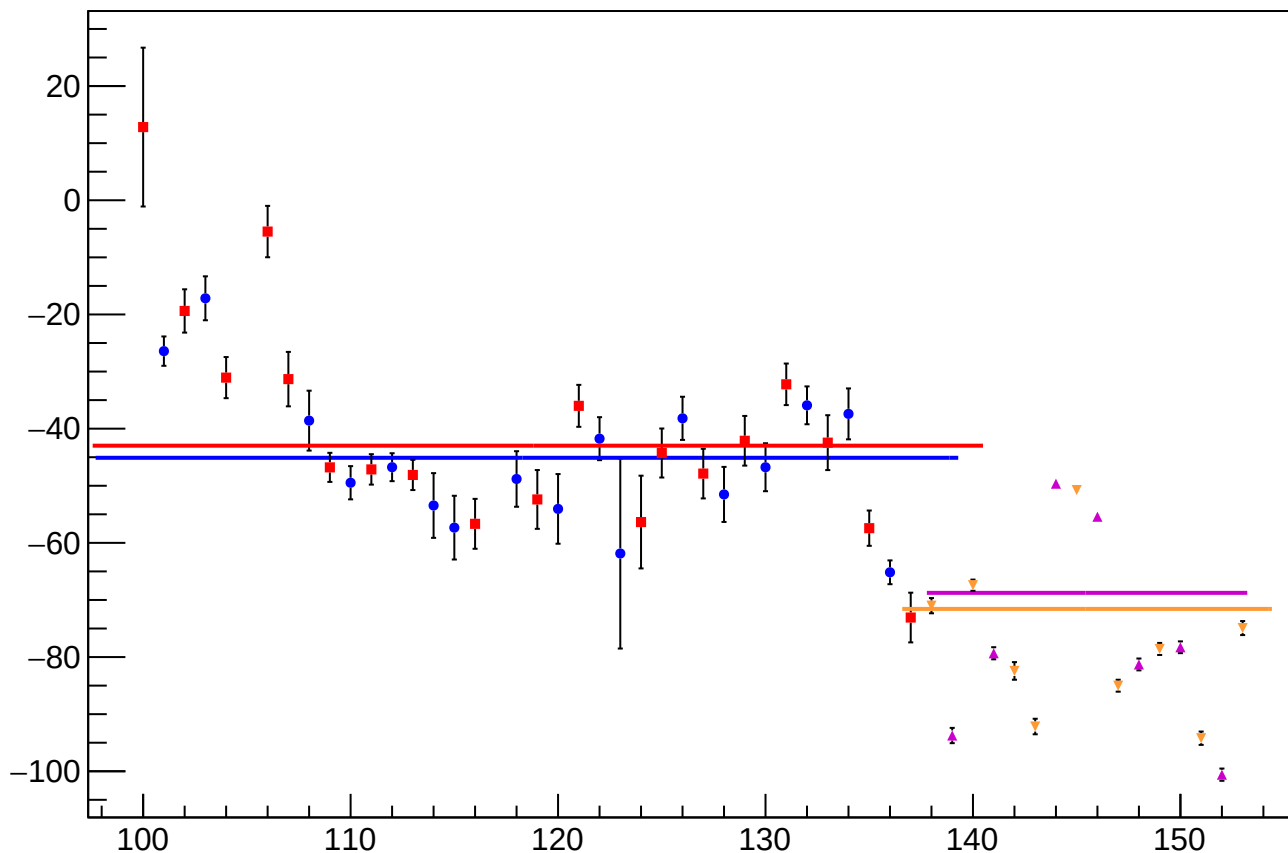
Left In: -5.893 ± 0.225 χ^2/NDF : 94.9/6

+ sign -4.483 ± 0.214 χ^2/NDF : 471.7/25

All: -5.050 ± 0.148 χ^2/NDF : 715.6/51

- sign -5.574 ± 0.206 χ^2/NDF : 230.4/25

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -71.566 ± 0.351 χ^2/NDF : 1897.6/8

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

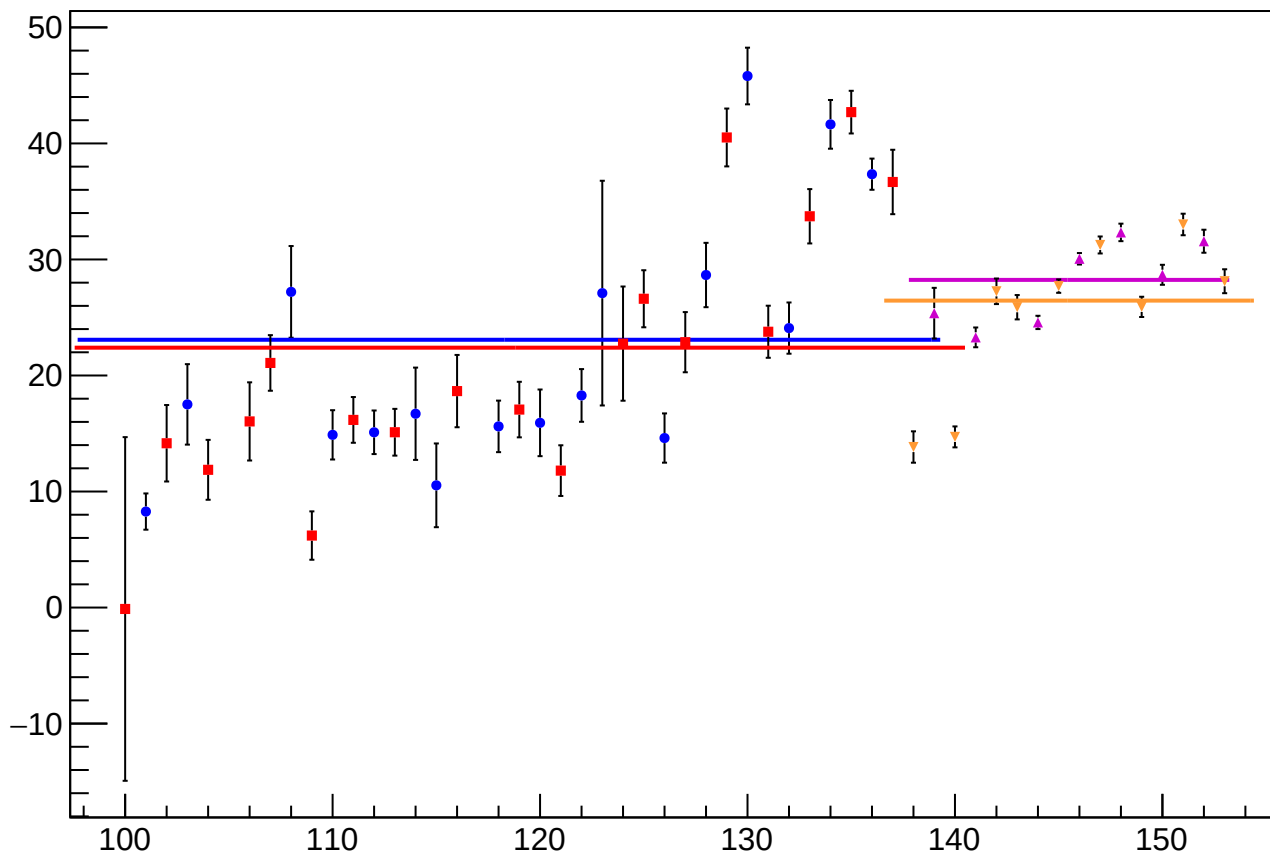
Left In: -68.754 ± 0.338 χ^2/NDF : 2724.7/6

+ sign -67.931 ± 0.326 χ^2/NDF : 2906.1/25

All: -66.631 ± 0.227 χ^2/NDF : 6661.7/51

- sign -65.416 ± 0.316 χ^2/NDF : 3724.9/25

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 26.454 $\pm$ 0.291 χ^2 /NDF: 357.8/8

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

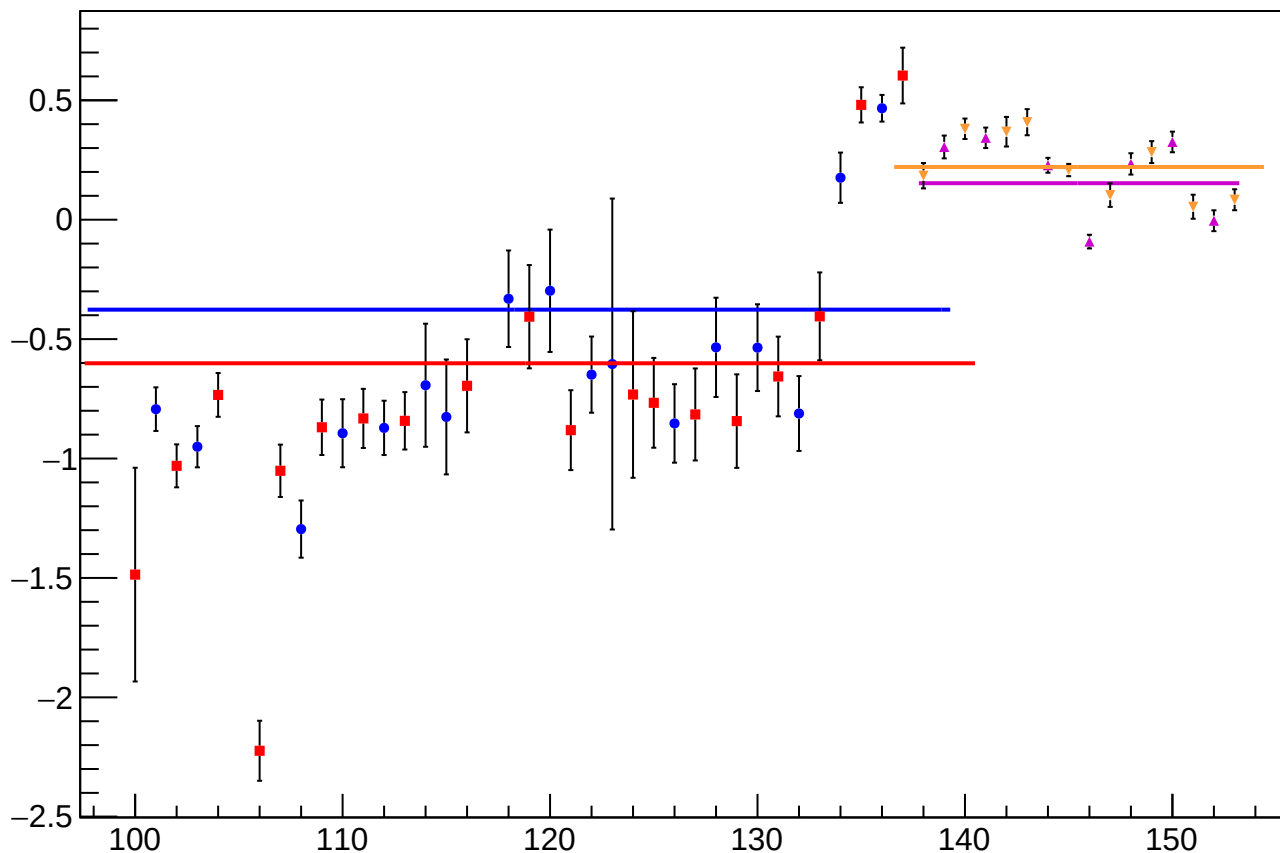
Left In: 28.239 $\pm$ 0.279 χ^2 /NDF: 131.0/6

+ sign 25.728 $\pm$ 0.258 χ^2 /NDF: 847.9/25

All: 26.442 $\pm$ 0.180 χ^2 /NDF: 1448.2/51

- sign 27.117 $\pm$ 0.251 χ^2 /NDF: 585.4/25

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.221 ± 0.014 χ^2/NDF : 60.4/8

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

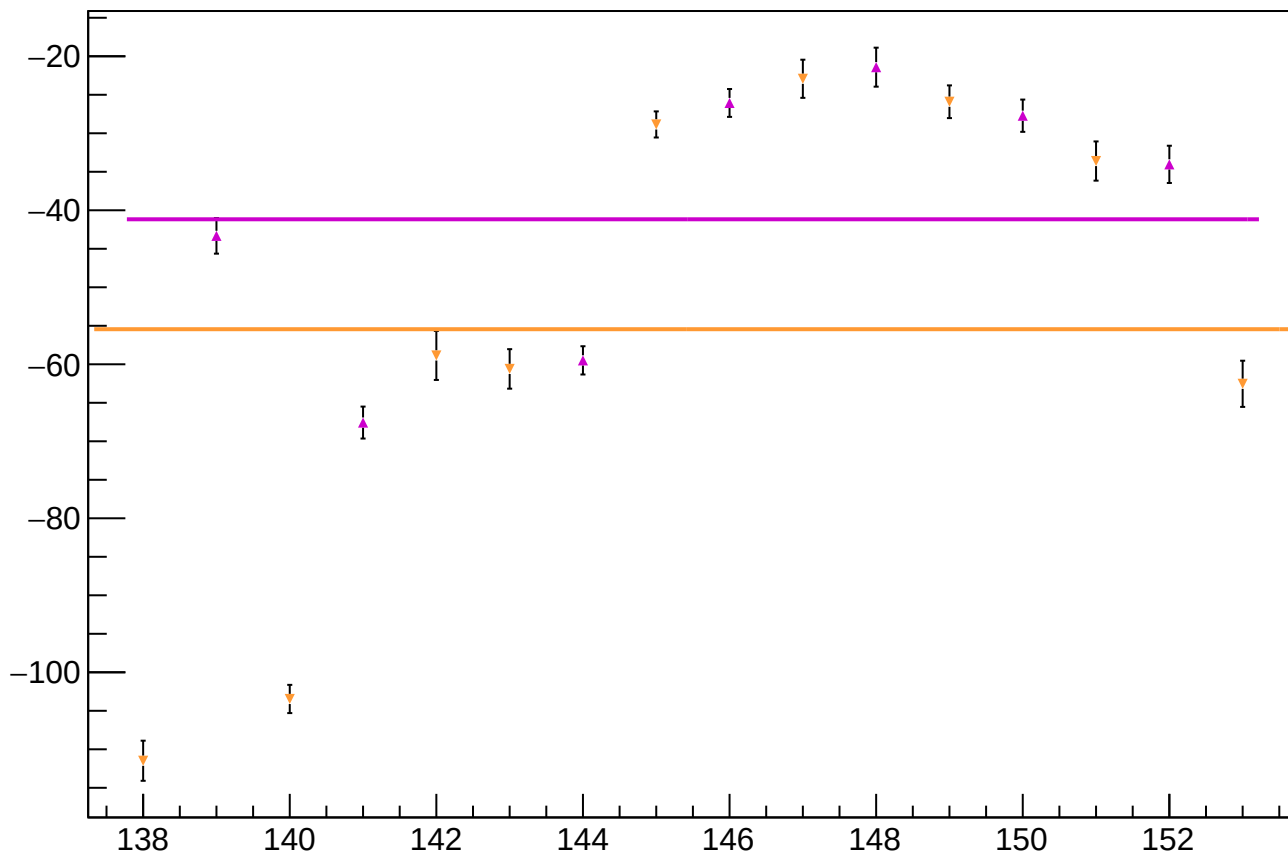
Left In: 0.153 ± 0.014 χ^2/NDF : 140.5/6

+ sign 0.109 ± 0.013 χ^2/NDF : 818.4/25

All: 0.061 ± 0.009 χ^2/NDF : 2050.0/51

- sign 0.012 ± 0.013 χ^2/NDF : 1203.9/25

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -55.444+/-0.768 χ^2/NDF : 1845.8/8

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

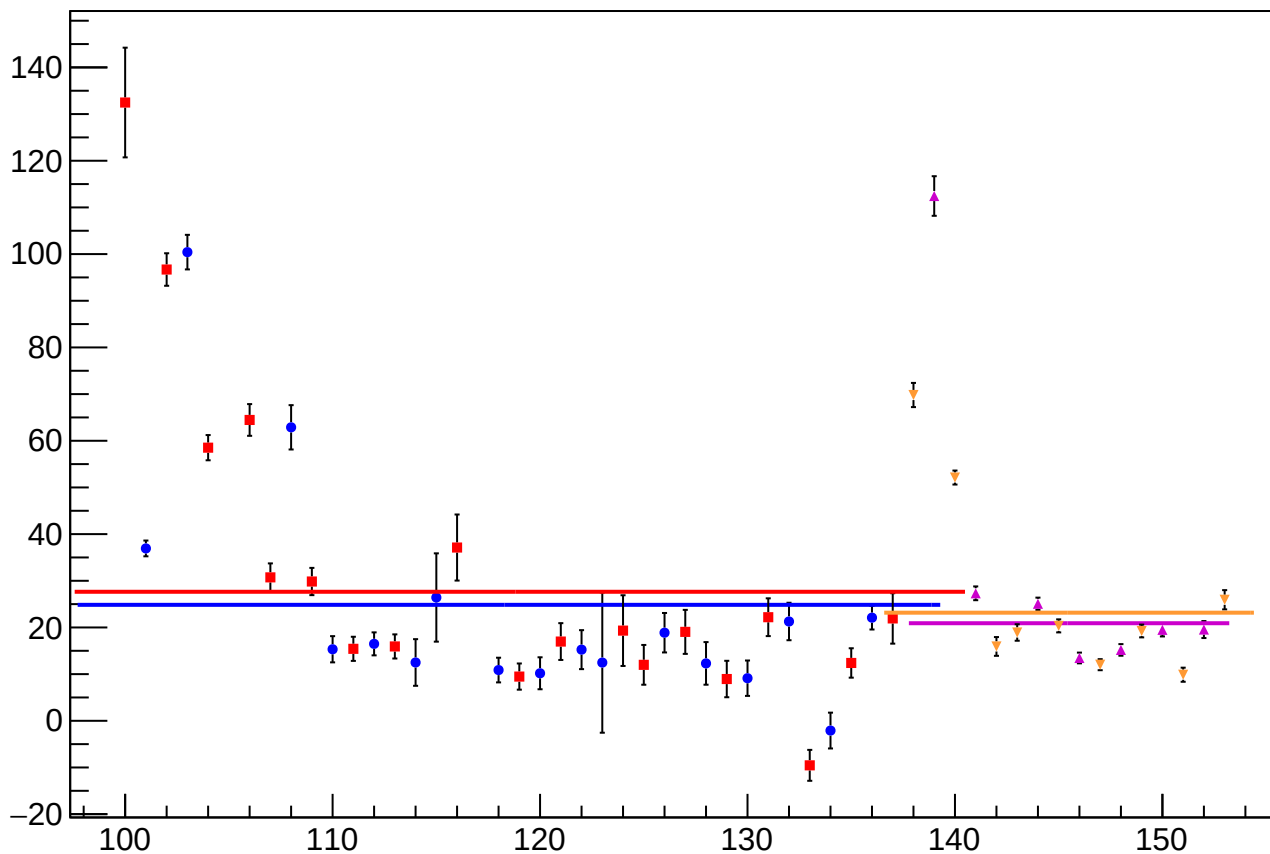
Left In: -41.171+/-0.796 χ^2/NDF : 442.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.564+/-0.553 χ^2/NDF : 2455.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2/NDF : 690.8/16

Left Out: 23.167 $\pm$ 0.527 χ^2/NDF : 895.3/8

Right Out: 27.648 $\pm$ 0.810 χ^2/NDF : 1009.2/18

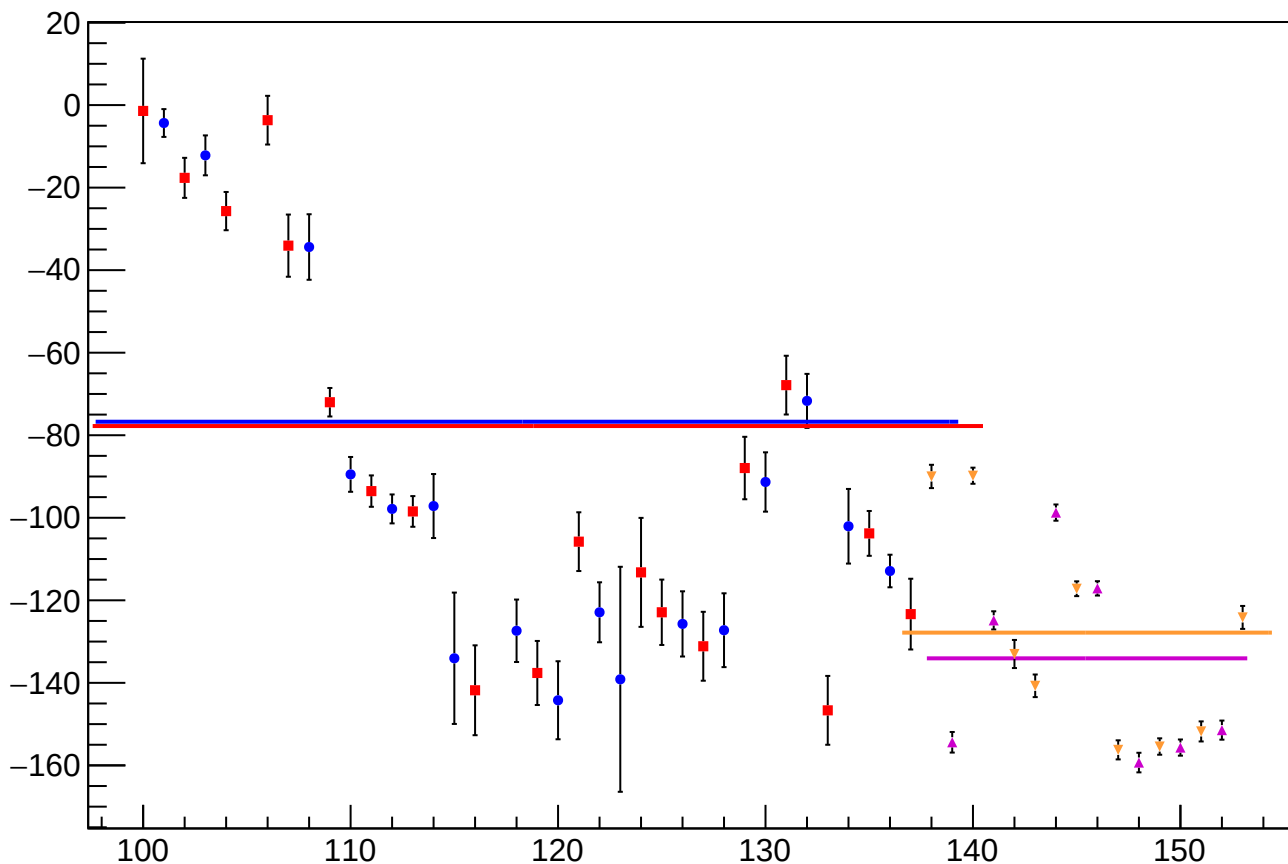
Left In: 20.908 $\pm$ 0.551 χ^2/NDF : 559.0/6

+ sign 23.676 $\pm$ 0.440 χ^2/NDF : 1589.2/25

All: 23.367 $\pm$ 0.317 χ^2/NDF : 3205.8/51

- sign 23.038 $\pm$ 0.456 χ^2/NDF : 1615.5/25

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -127.830 ± 0.777 χ^2/NDF : 1061.2/8

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

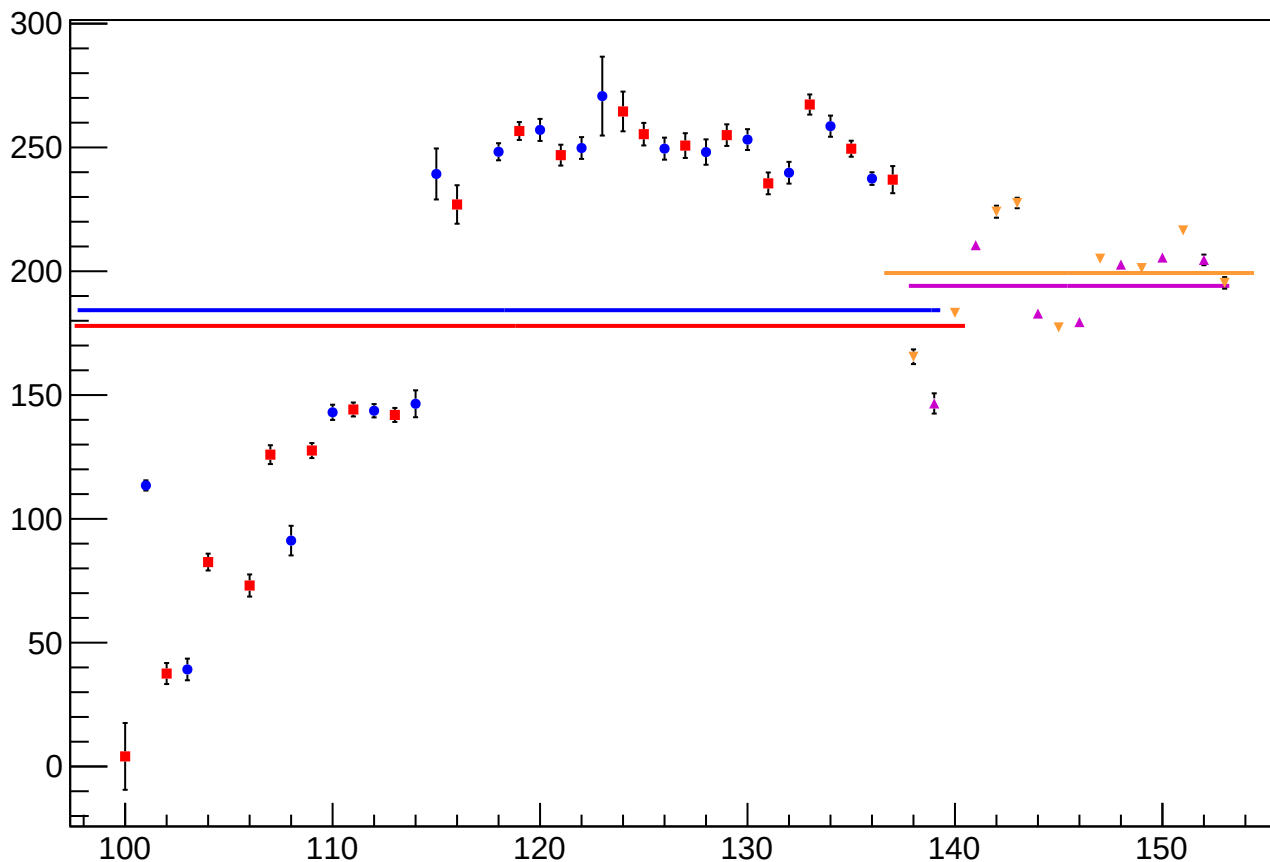
Left In: -134.064 ± 0.796 χ^2/NDF : 792.8/6

+ sign -115.962 ± 0.681 χ^2/NDF : 3108.5/25

All: -117.761 ± 0.483 χ^2/NDF : 6074.4/51

- sign -119.588 ± 0.686 χ^2/NDF : 2951.8/25

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 199.288 $\pm$ 0.646 χ^2 /NDF: 773.0/8

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

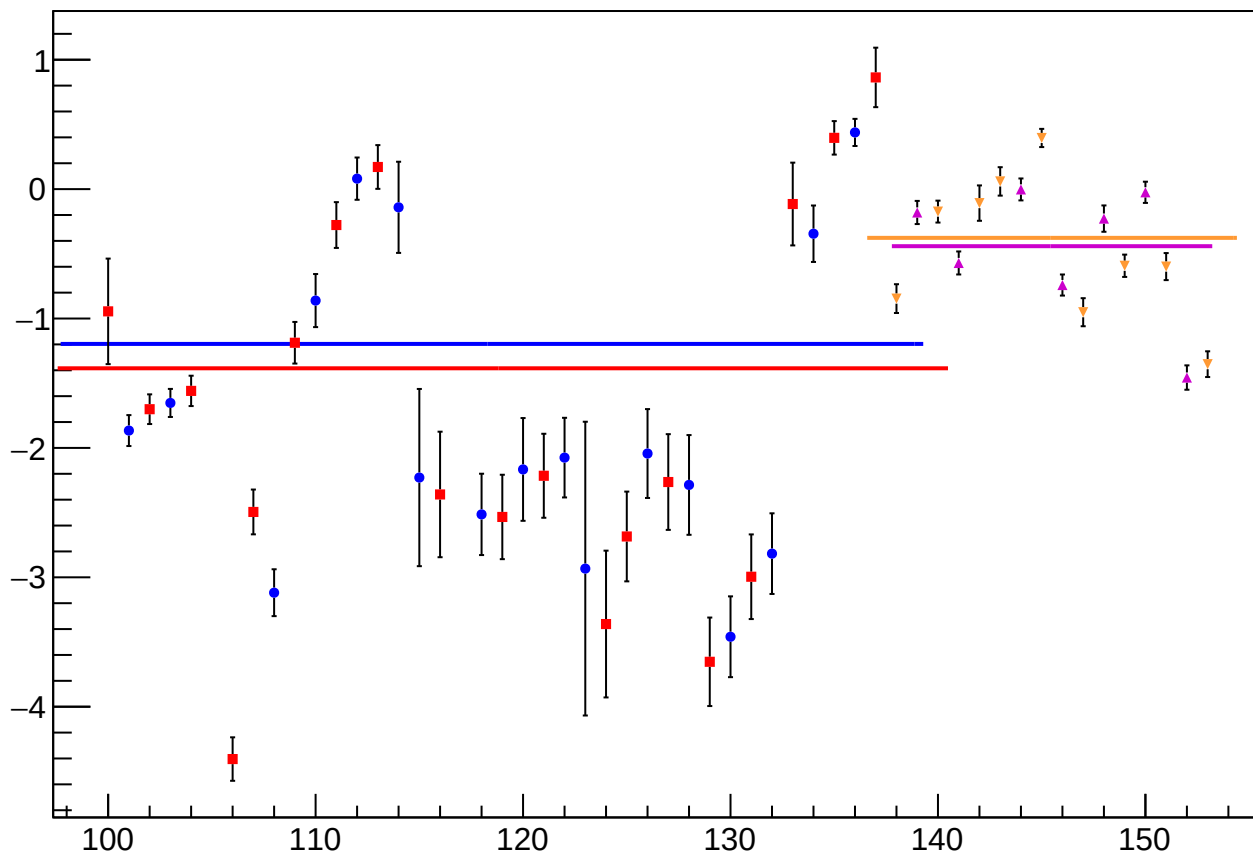
Left In: 194.092 $\pm$ 0.674 χ^2 /NDF: 473.5/6

+ sign 194.281 $\pm$ 0.528 χ^2 /NDF: 6354.0/25

All: 191.471 $\pm$ 0.379 χ^2 /NDF: 13416.8/51

- sign 188.480 $\pm$ 0.544 χ^2 /NDF: 7004.2/25

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.377 ± 0.032 χ^2/NDF : 298.9/8

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

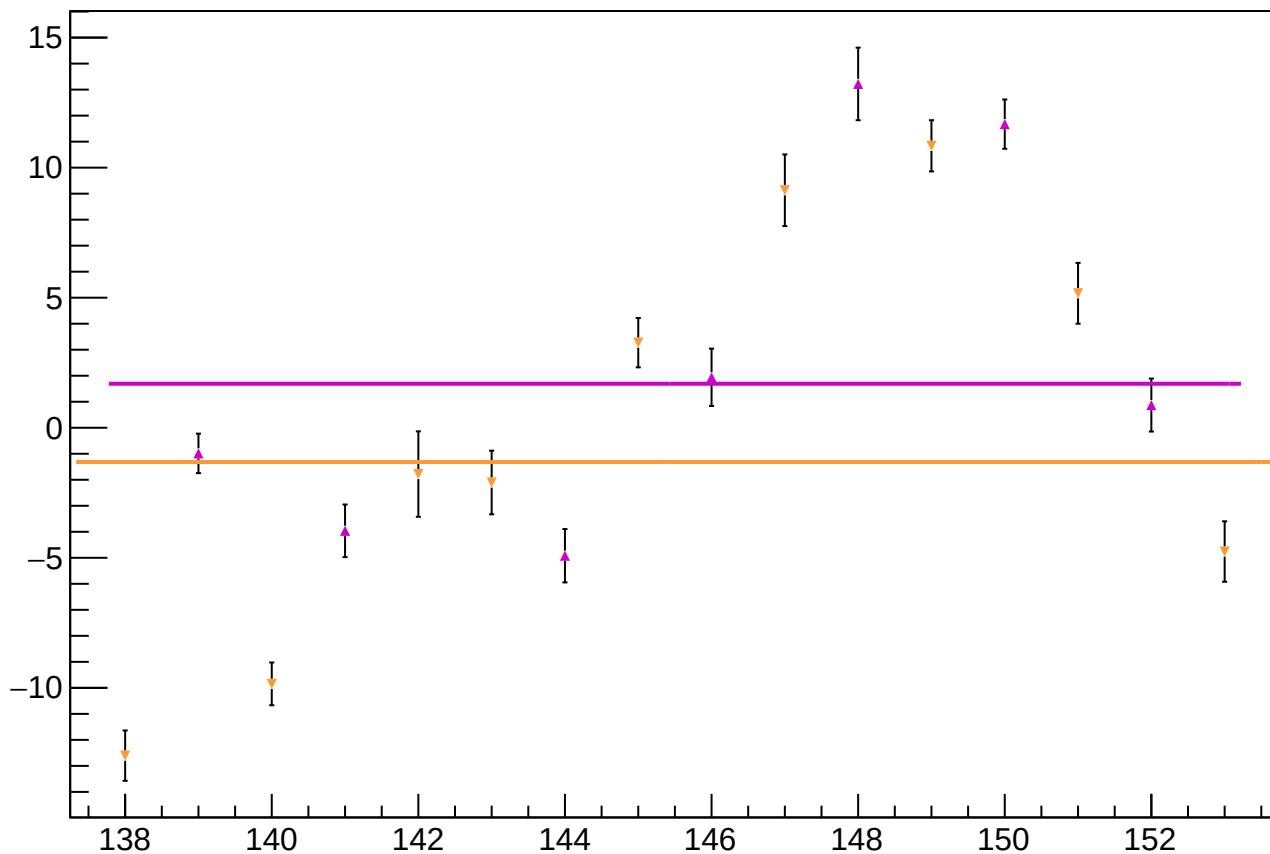
Left In: -0.441 ± 0.033 χ^2/NDF : 197.4/6

+ sign -0.629 ± 0.027 χ^2/NDF : 1123.0/25

All: -0.698 ± 0.019 χ^2/NDF : 2535.9/51

- sign -0.768 ± 0.027 χ^2/NDF : 1399.5/25

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.317+/-0.360 χ^2/NDF : 517.1/8

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

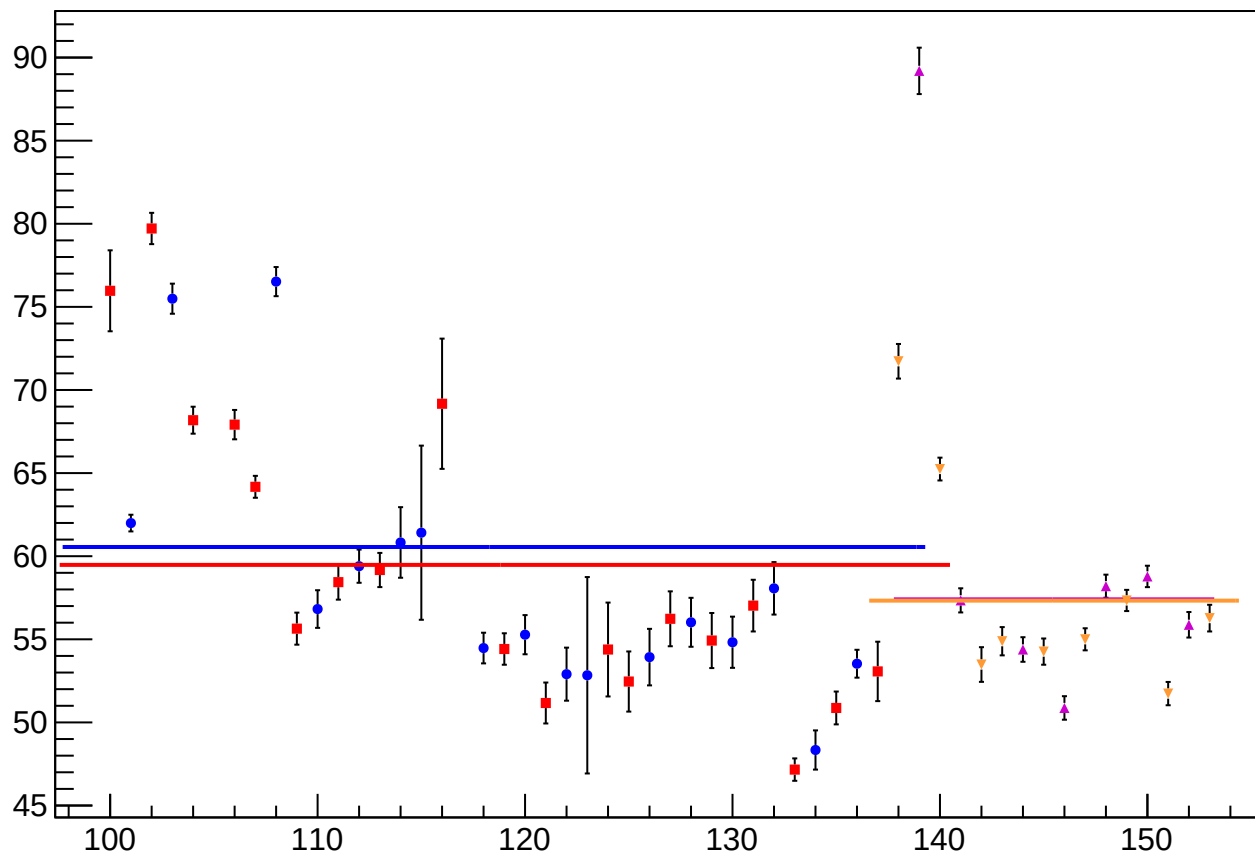
Left In: 1.692+/-0.376 χ^2/NDF : 265.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.122+/-0.260 χ^2/NDF : 815.8/15

- 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: 57.327 $\pm$ 0.256 χ^2 /NDF: 438.8/8

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

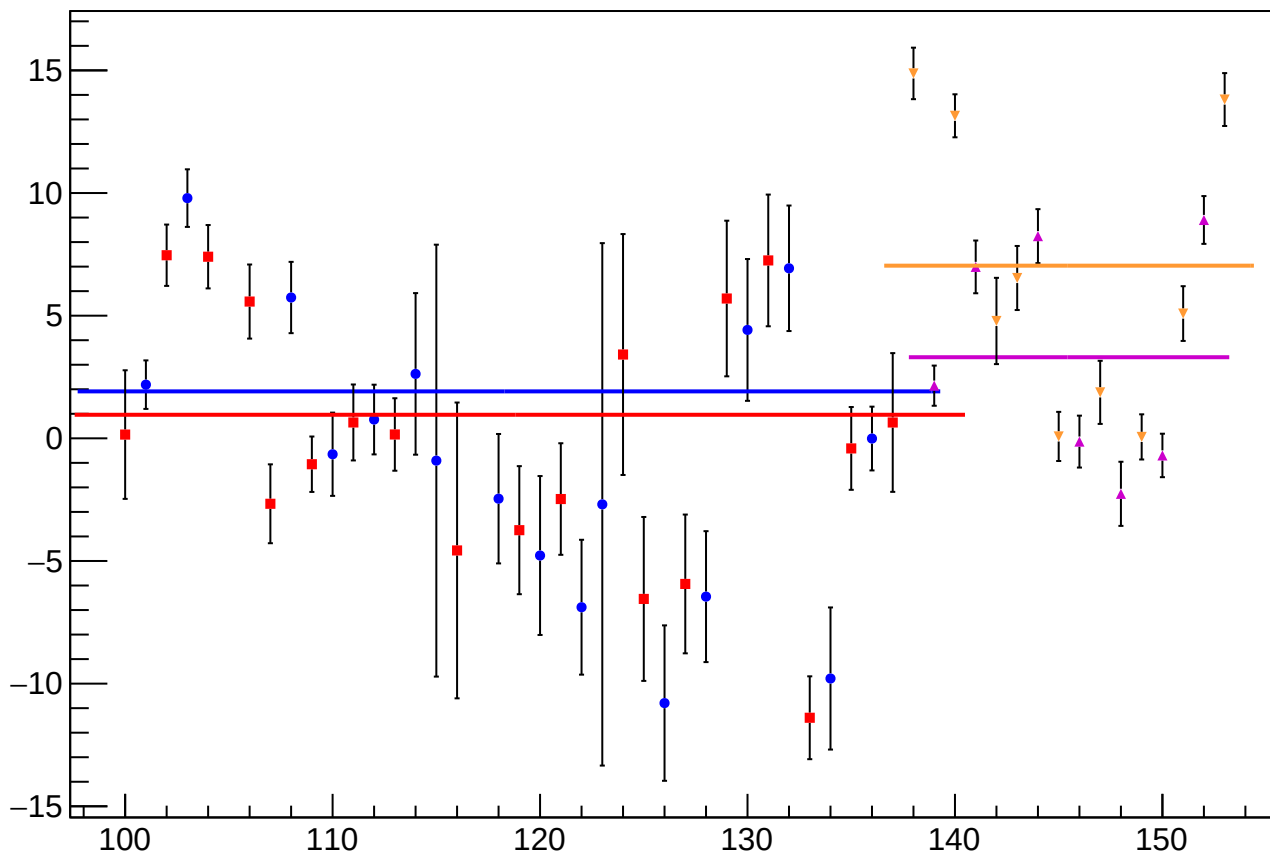
Left In: 57.405 $\pm$ 0.284 χ^2 /NDF: 630.4/6

+ sign 58.905 $\pm$ 0.183 χ^2 /NDF: 1447.3/25

All: 58.746 $\pm$ 0.131 χ^2 /NDF: 3426.5/51

- sign 58.580 $\pm$ 0.187 χ^2 /NDF: 1977.6/25

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 7.039 ± 0.364 χ^2/NDF : 270.5/8

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

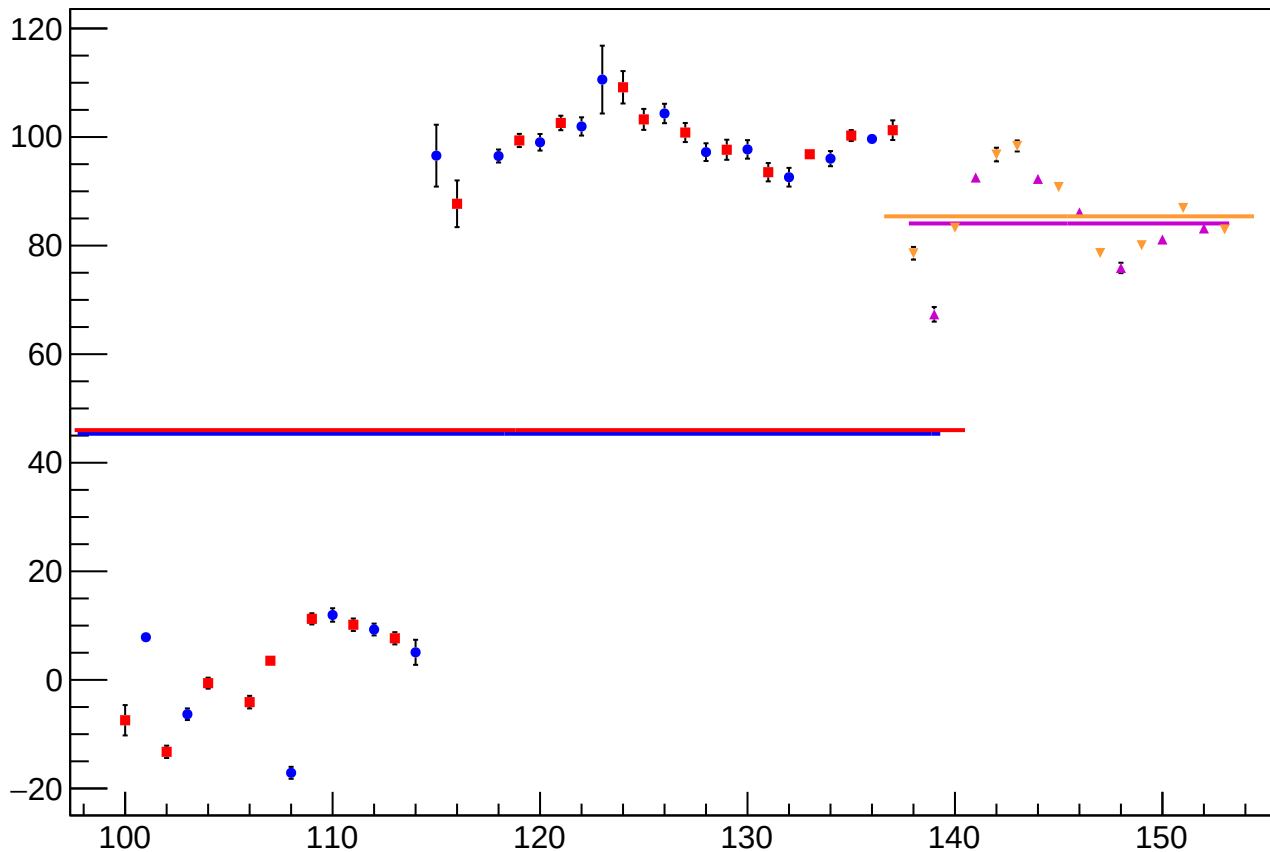
Left In: 3.307 ± 0.378 χ^2/NDF : 116.0/6

+ sign 5.056 ± 0.285 χ^2/NDF : 469.0/25

All: 3.650 ± 0.200 χ^2/NDF : 799.9/51

- sign 2.267 ± 0.282 χ^2/NDF : 282.5/25

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 85.391 $\pm$ 0.310 χ^2 /NDF: 434.0/8

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

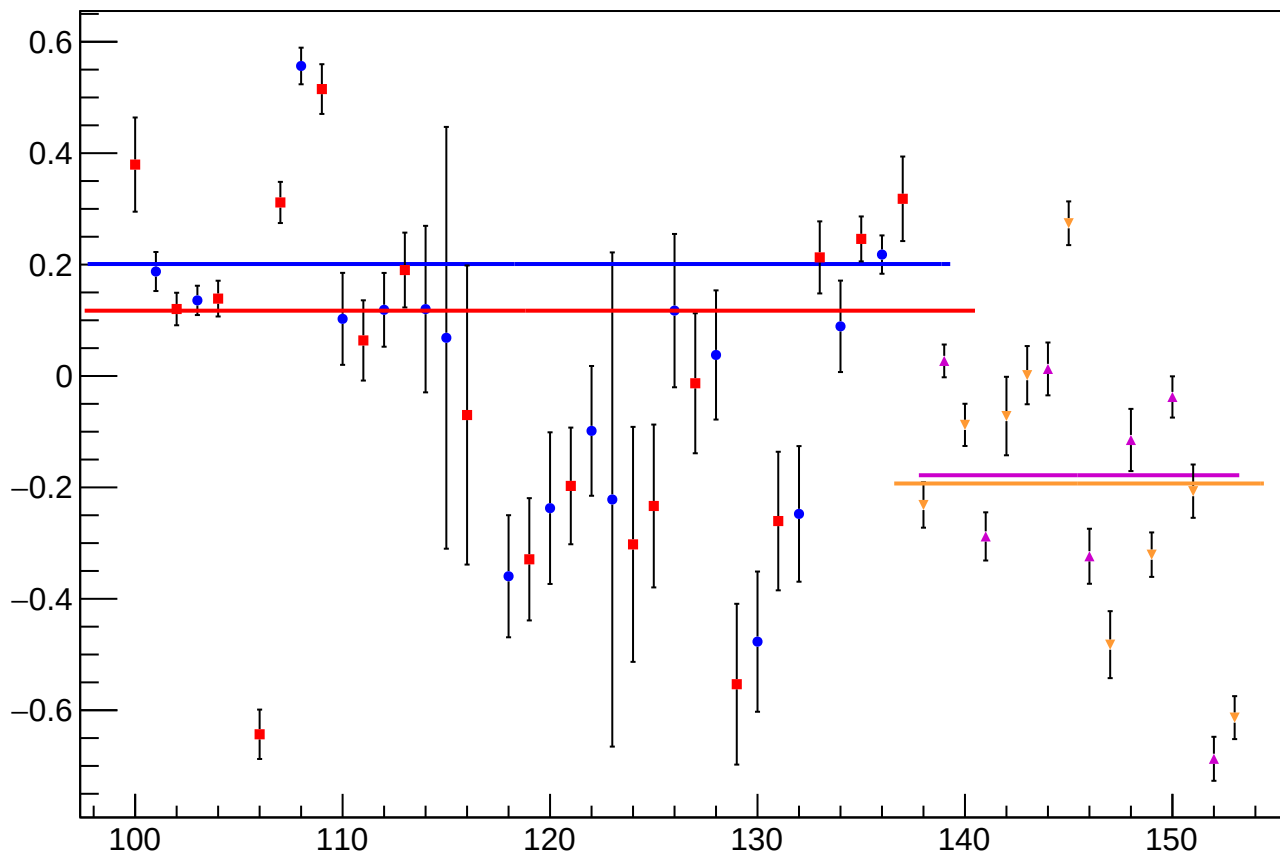
Left In: 84.078 $\pm$ 0.341 χ^2 /NDF: 433.2/6

+ sign 64.925 $\pm$ 0.217 χ^2 /NDF: 34032.8/25

All: 63.471 $\pm$ 0.155 χ^2 /NDF: 70028.7/51

- sign 61.966 $\pm$ 0.221 χ^2 /NDF: 35904.4/25

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.193 ± 0.015 χ^2/NDF : 319.5/8

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

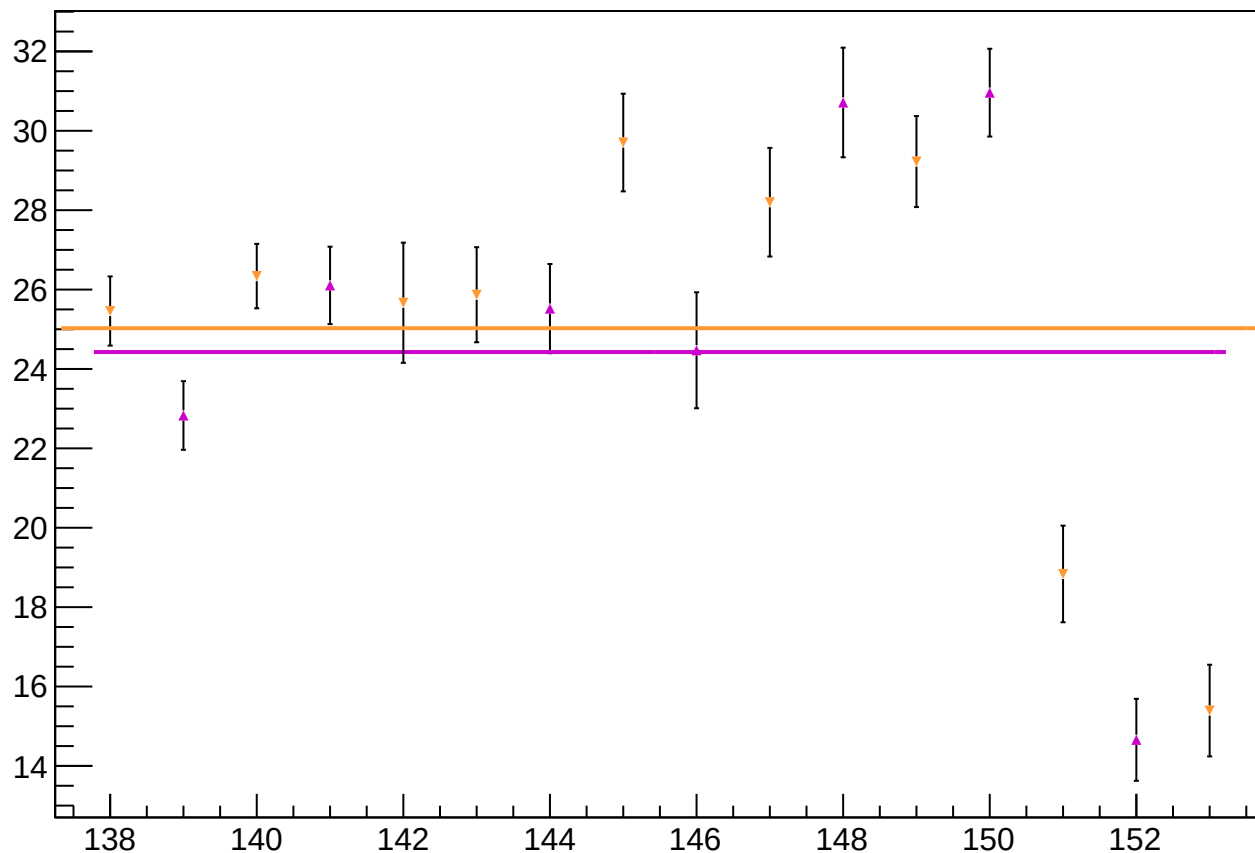
Left In: -0.178 ± 0.015 χ^2/NDF : 261.8/6

+ sign 0.015 ± 0.010 χ^2/NDF : 908.9/25

All: 0.004 ± 0.007 χ^2/NDF : 1888.3/51

- sign -0.006 ± 0.010 χ^2/NDF : 977.1/25

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 25.027+/-0.369 χ^2/NDF :132.3/8

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

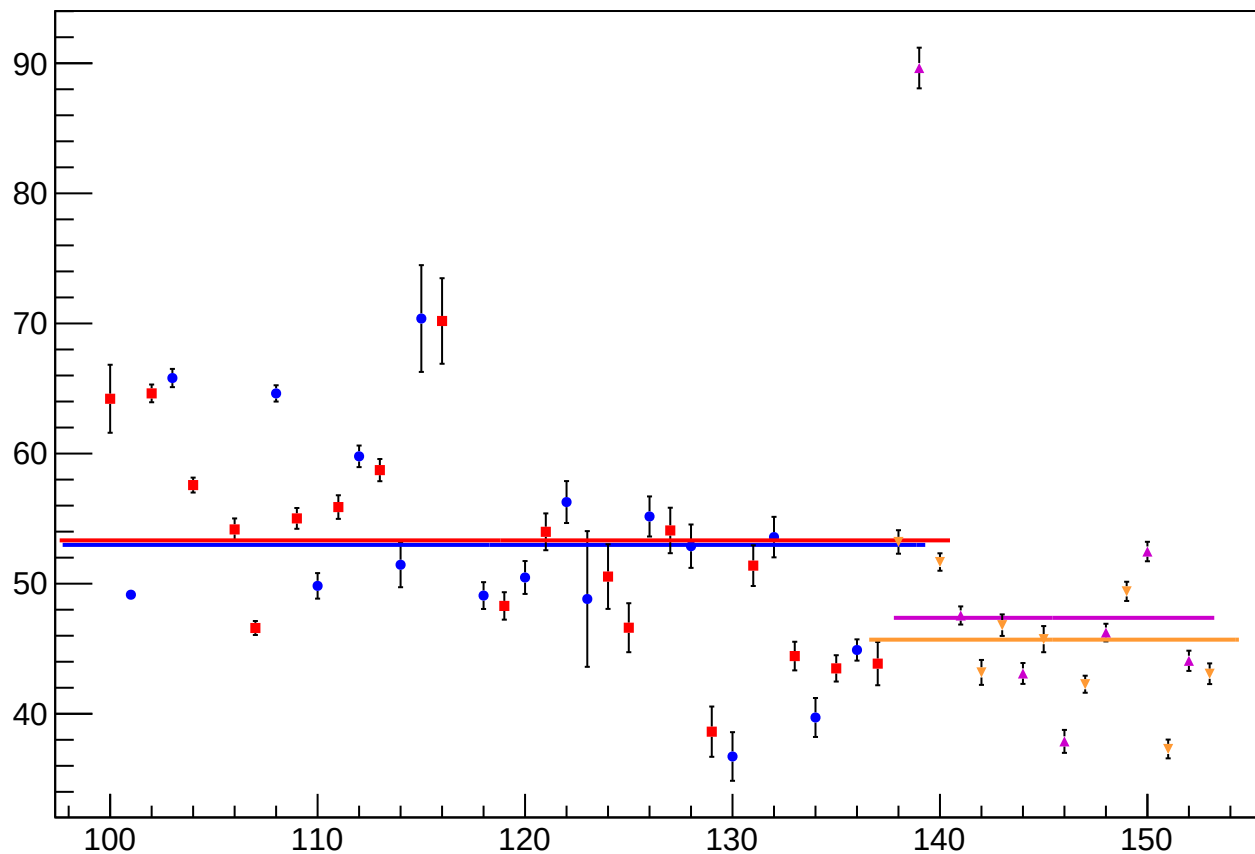
Left In: 24.426+/-0.411 χ^2/NDF :152.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.759+/-0.274 χ^2/NDF : 285.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 45.697 $\pm$ 0.261 χ^2 /NDF: 356.1/8

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

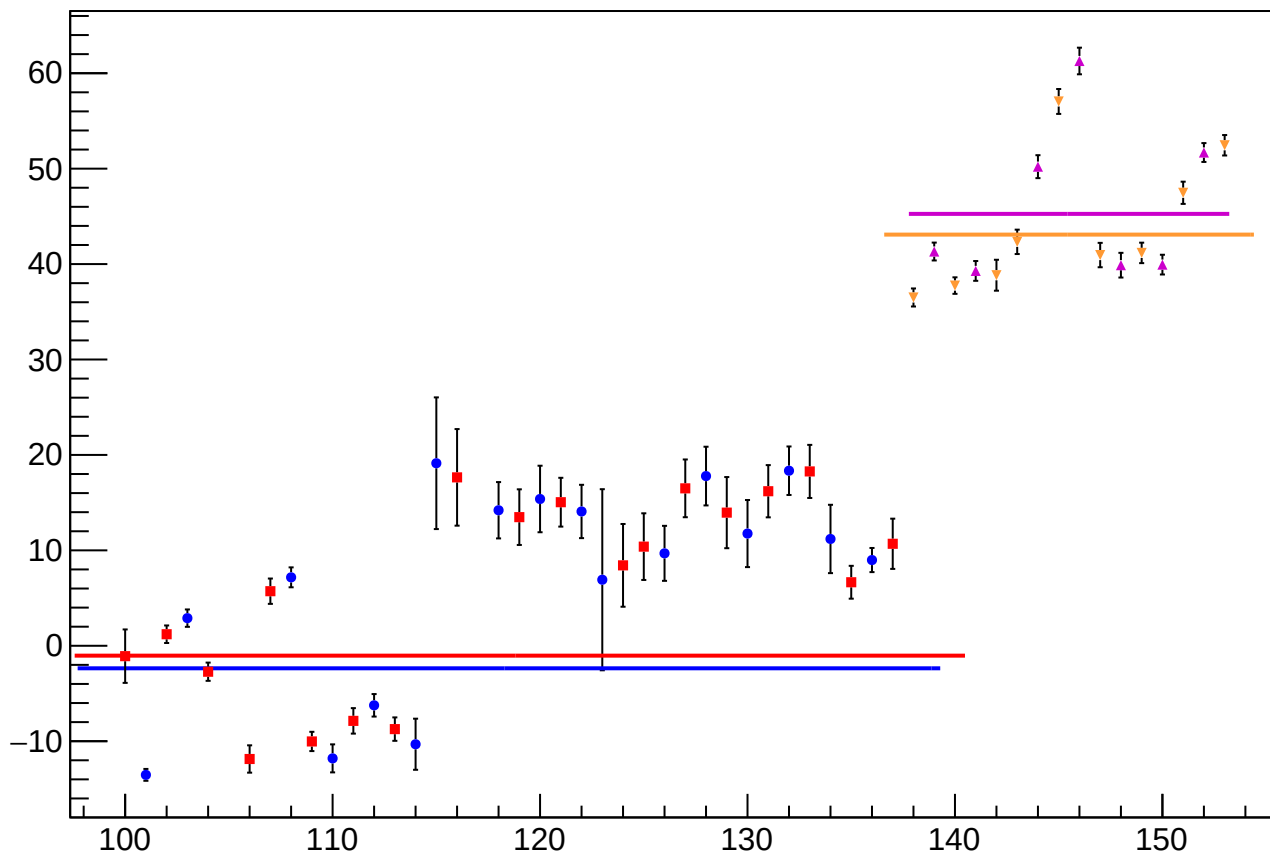
Left In: 47.374 $\pm$ 0.303 χ^2 /NDF: 942.3/6

+ sign 50.119 $\pm$ 0.164 χ^2 /NDF: 2025.9/25

All: 50.599 $\pm$ 0.122 χ^2 /NDF: 4108.0/51

- sign 51.188 $\pm$ 0.181 χ^2 /NDF: 2062.9/25

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 43.089 ± 0.375 χ^2/NDF : 304.9/8

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

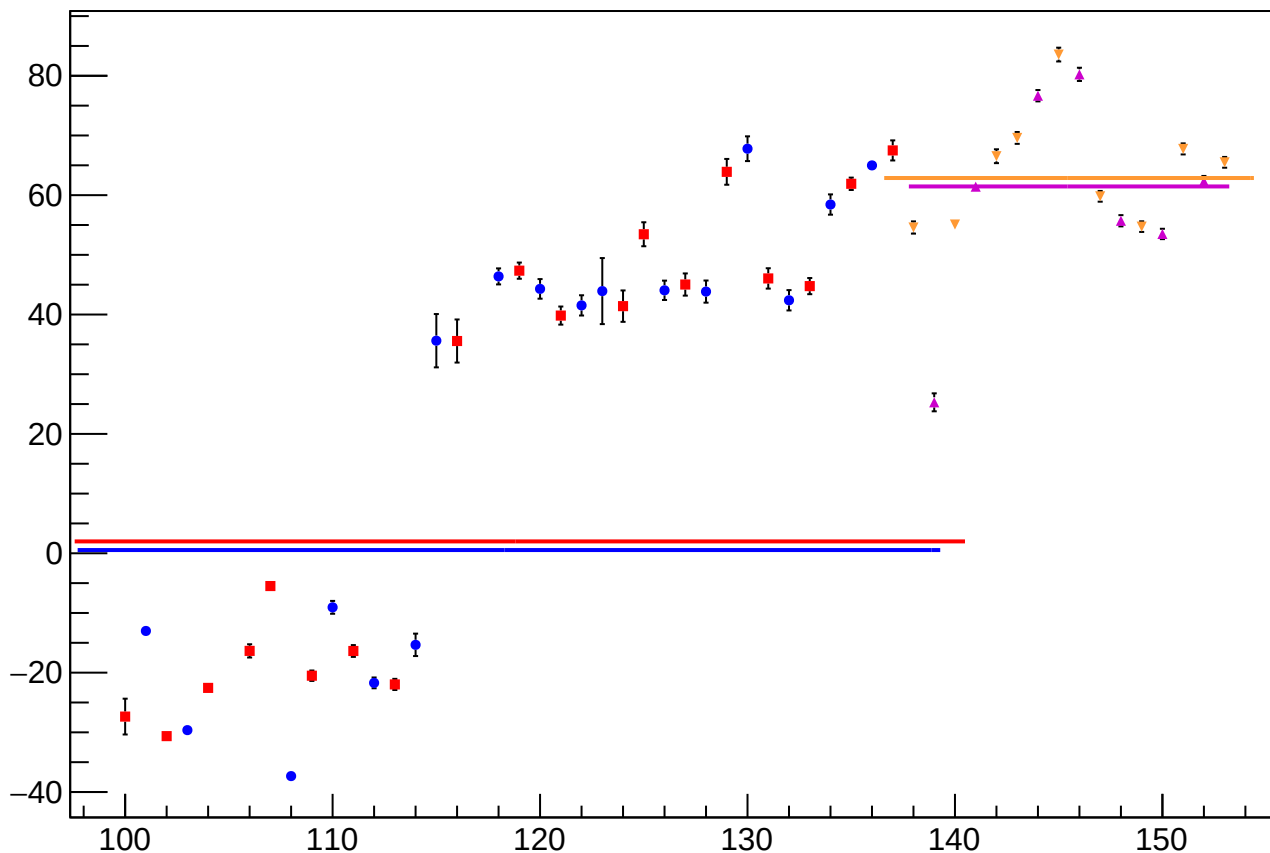
Left In: 45.260 ± 0.414 χ^2/NDF : 285.8/6

+ sign 19.705 ± 0.261 χ^2/NDF : 8722.5/25

All: 19.816 ± 0.190 χ^2/NDF : 16353.0/51

- sign 19.944 ± 0.279 χ^2/NDF : 7630.1/25

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 62.874+/-0.318 χ^2/NDF : 666.0/8

Right Out: 1.990+/-0.267 χ^2/NDF : 15476.7/18

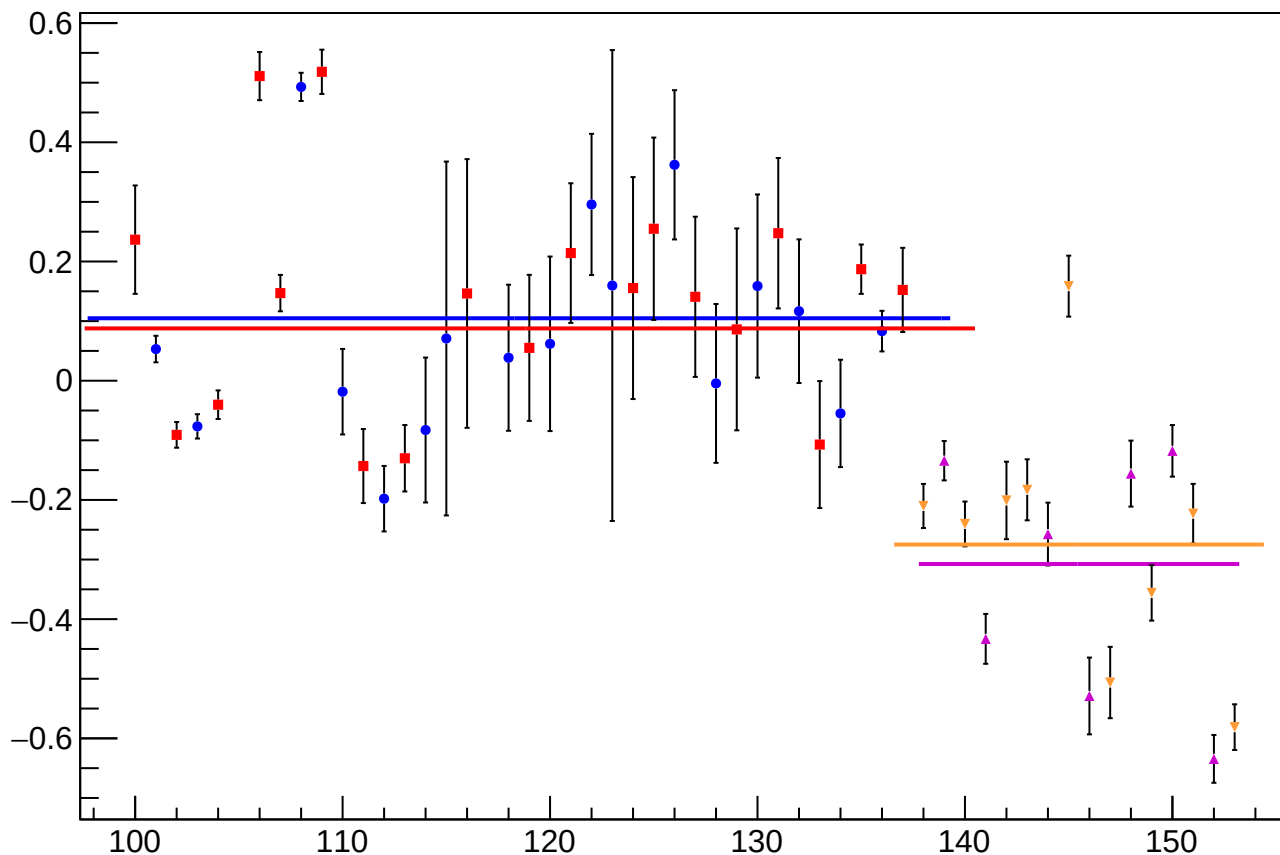
Left In: 61.460+/-0.367 χ^2/NDF : 1241.6/6

+ sign 23.960+/-0.195 χ^2/NDF : 43073.9/25

All: 23.318+/-0.145 χ^2/NDF : 77015.7/51

- sign 22.533+/-0.216 χ^2/NDF : 33917.6/25

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.275 ± 0.015 χ^2/NDF : 163.3/8

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

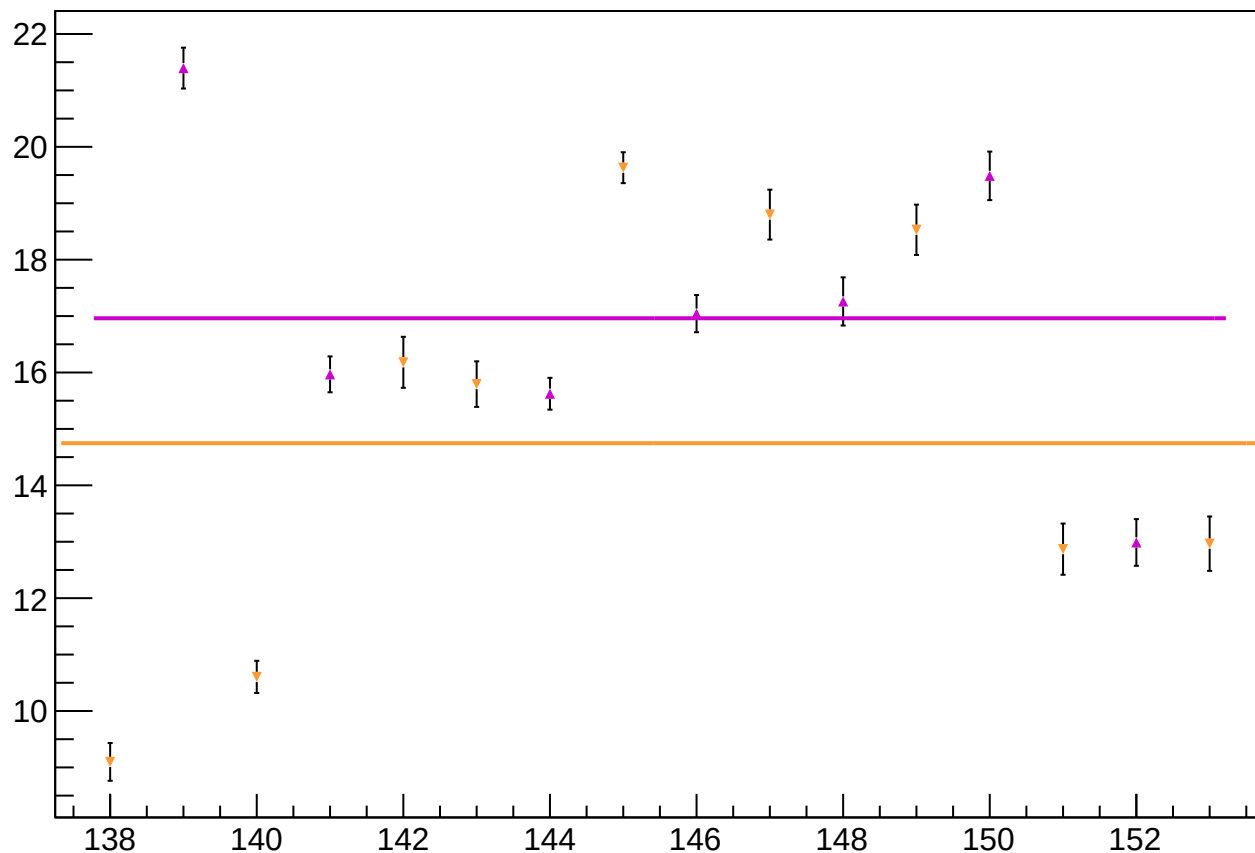
Left In: -0.308 ± 0.017 χ^2/NDF : 142.4/6

+ sign -0.025 ± 0.009 χ^2/NDF : 968.4/25

All: -0.028 ± 0.006 χ^2/NDF : 1891.6/51

- sign -0.032 ± 0.009 χ^2/NDF : 922.9/25

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.747+/-0.124 χ^2/NDF : 1016.7/8

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

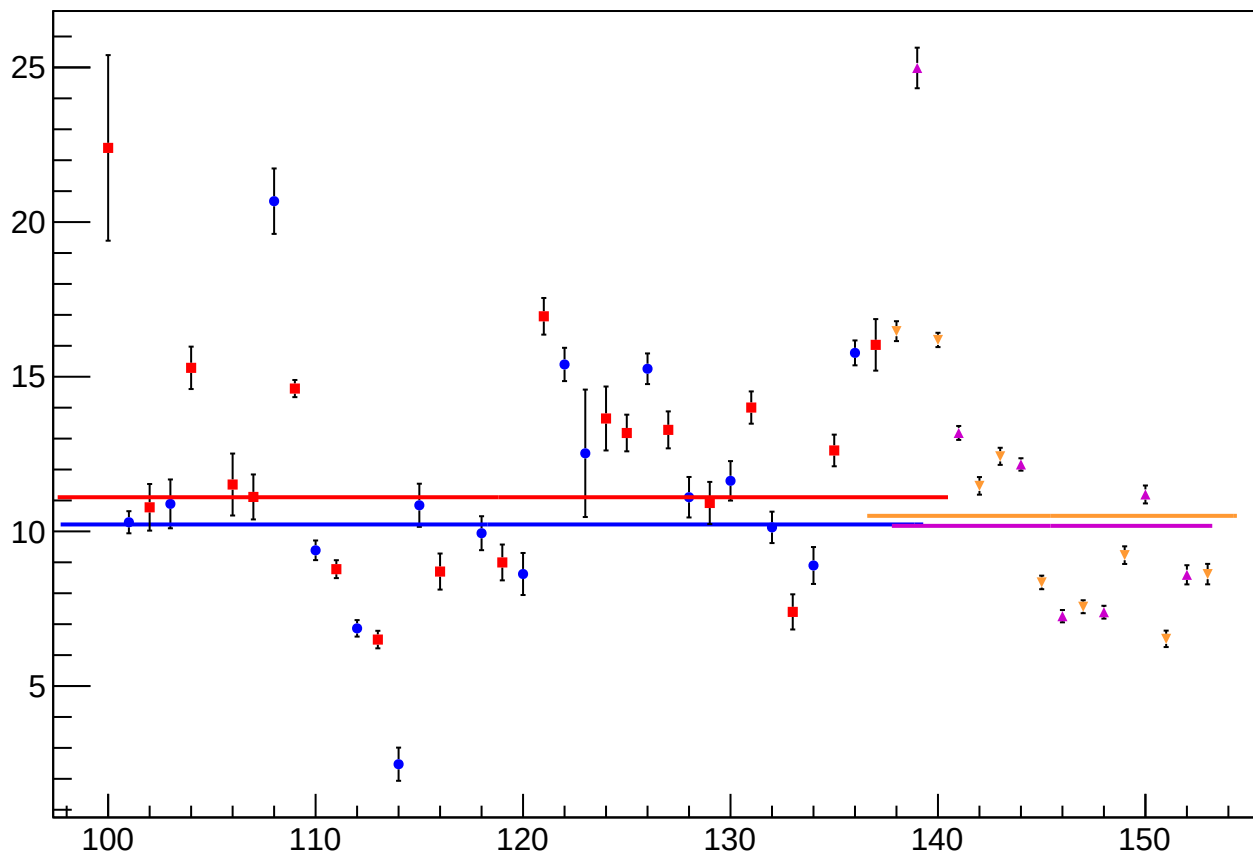
Left In: 16.961+/-0.134 χ^2/NDF : 309.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.773+/-0.091 χ^2/NDF : 1473.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 ± 0.119 χ^2/NDF : 877.6/16

Left Out: 10.503 ± 0.087 χ^2/NDF : 1578.0/8

Right Out: 11.104 ± 0.116 χ^2/NDF : 817.2/18

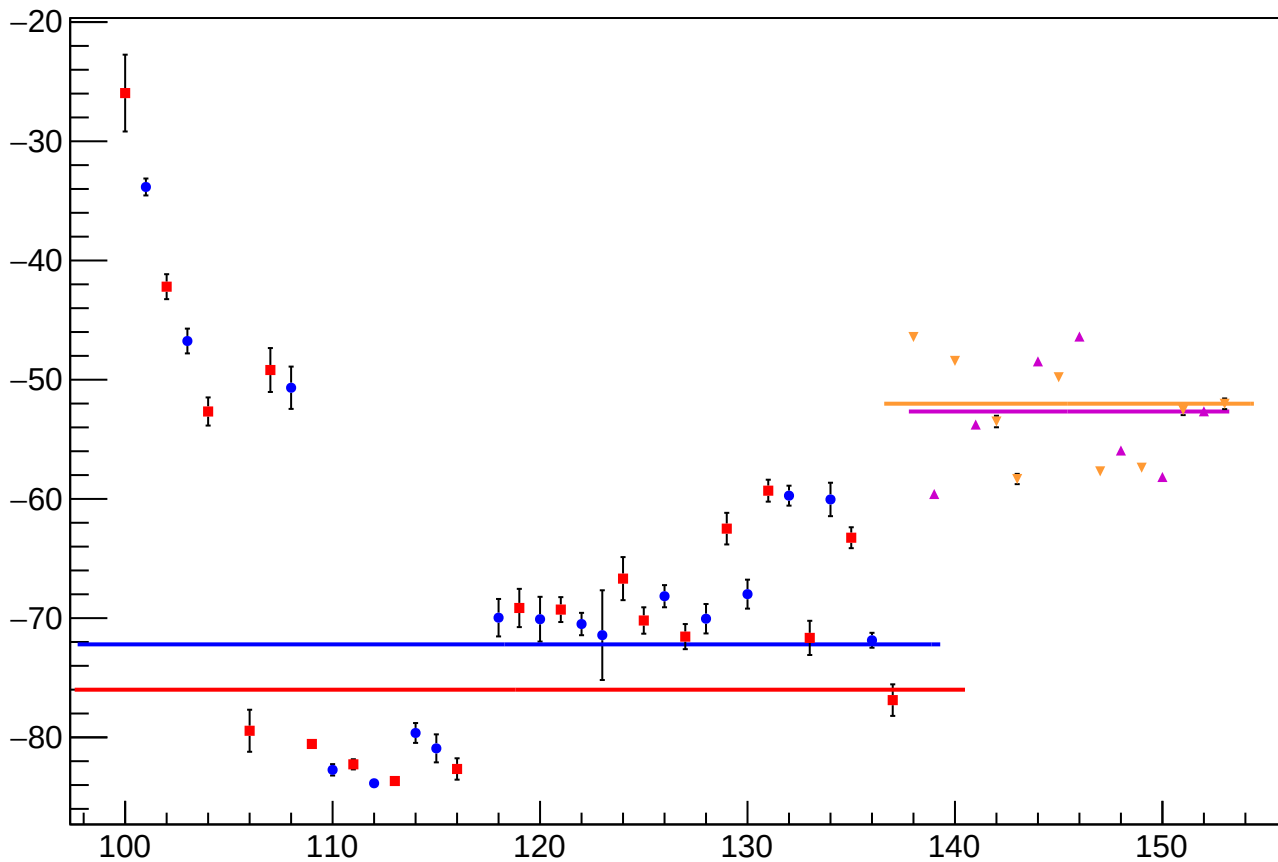
Left In: 10.179 ± 0.092 χ^2/NDF : 1219.6/6

+ sign 10.406 ± 0.070 χ^2/NDF : 2459.1/25

All: 10.469 ± 0.050 χ^2/NDF : 4536.4/51

- sign 10.536 ± 0.072 χ^2/NDF : 2075.6/25

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.012 ± 0.127 χ^2/NDF : 1015.5/8

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

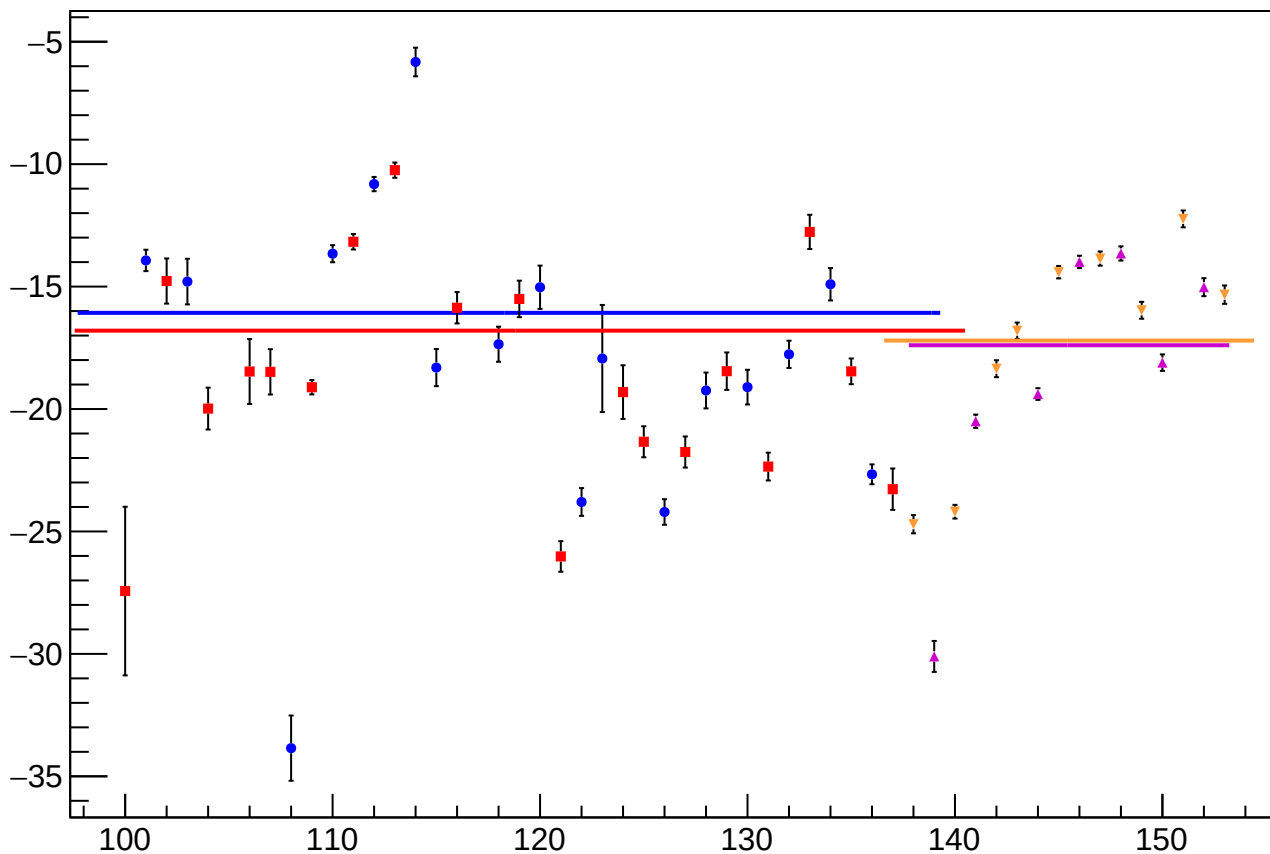
Left In: -52.667 ± 0.135 χ^2/NDF : 1164.3/6

+ sign -57.931 ± 0.107 χ^2/NDF : 13953.8/25

All: -59.449 ± 0.076 χ^2/NDF : 29685.8/51

- sign -60.998 ± 0.108 χ^2/NDF : 15325.7/25

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -17.204 ± 0.106 χ^2/NDF : 1543.4/8

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

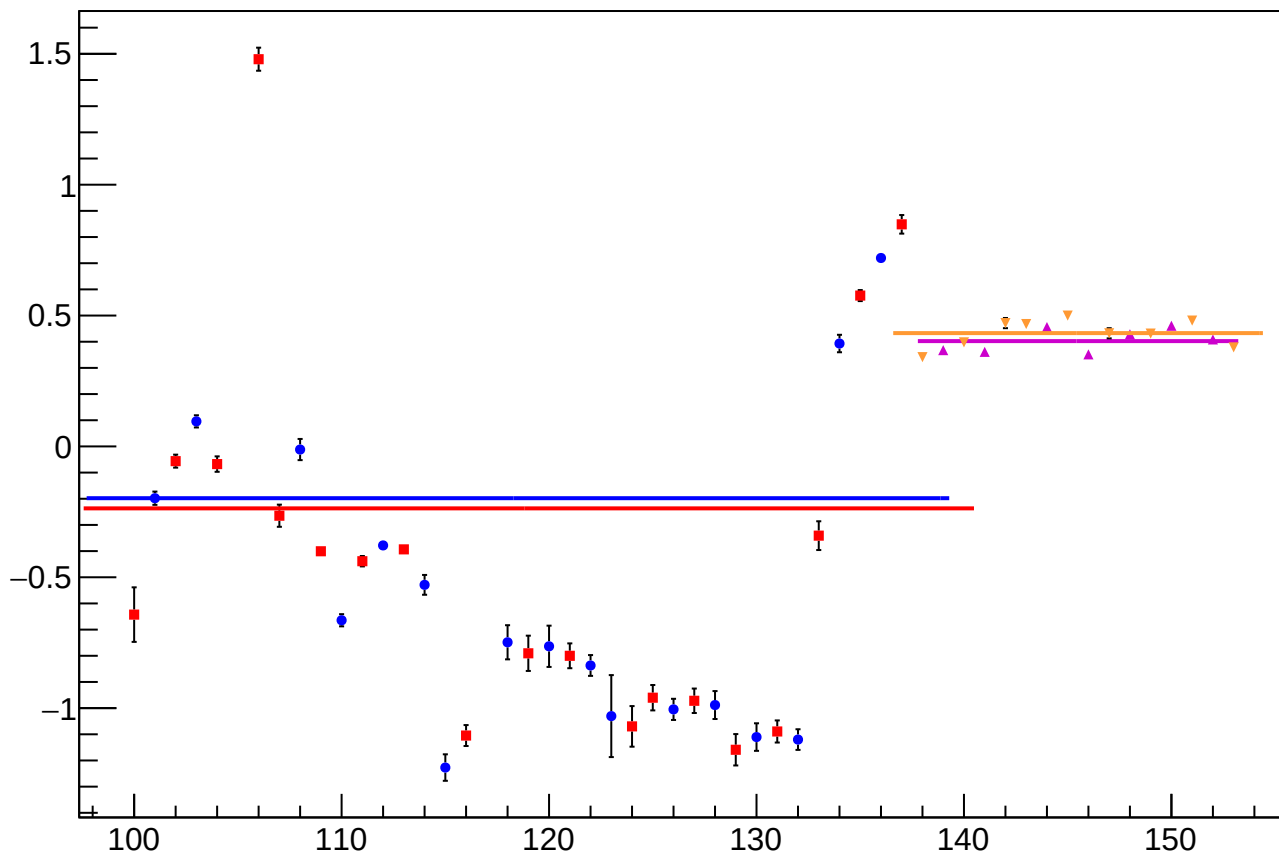
Left In: -17.396 ± 0.114 χ^2/NDF : 998.8/6

+ sign -16.760 ± 0.083 χ^2/NDF : 3228.9/25

All: -16.942 ± 0.059 χ^2/NDF : 5465.5/51

- sign -17.133 ± 0.085 χ^2/NDF : 2226.7/25

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 : 107.7/8

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

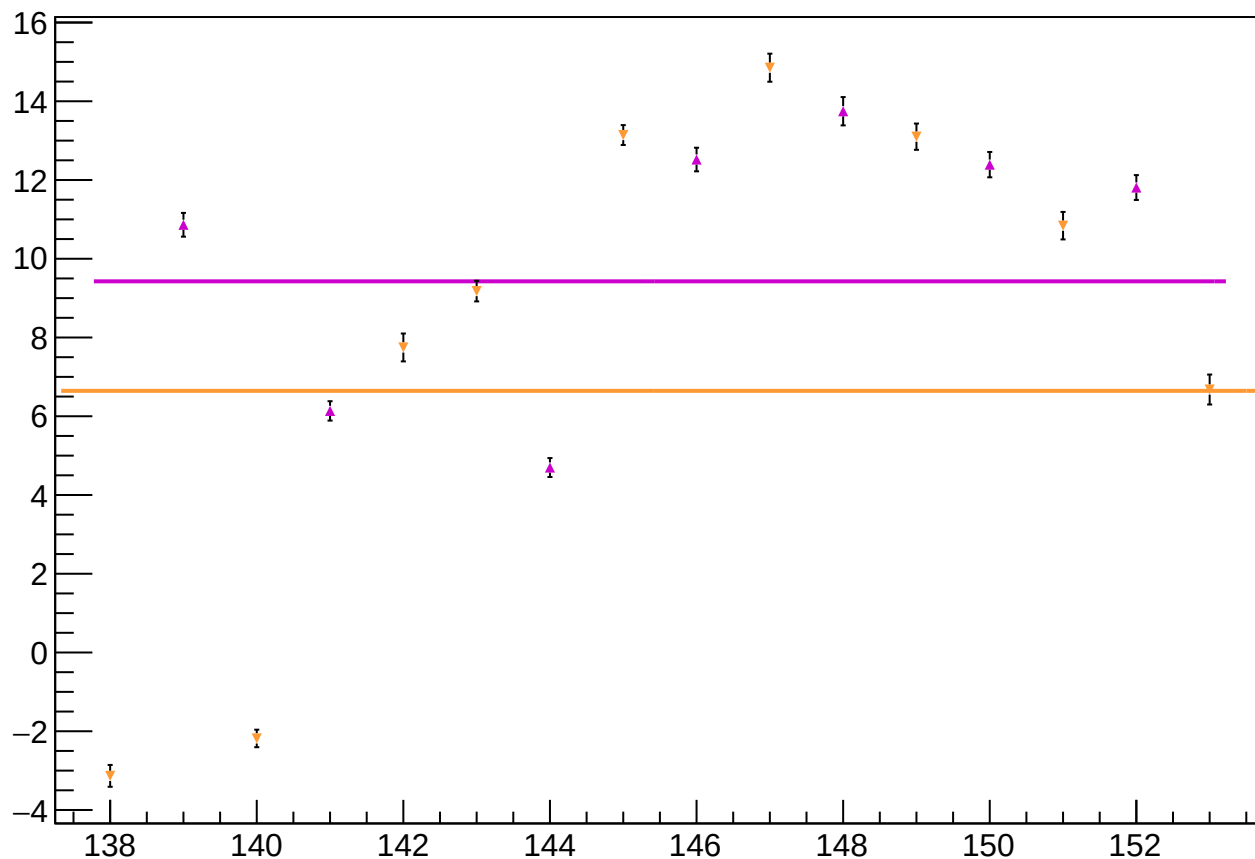
Left In: 0.402 ± 0.006 χ^2/NDF : 58.5/6

+ sign 0.228 ± 0.004 χ^2/NDF : 11174.8/25

All: 0.195 ± 0.003 χ^2/NDF : 22504.0/51

- sign 0.160 ± 0.004 χ^2/NDF : 11207.0/25

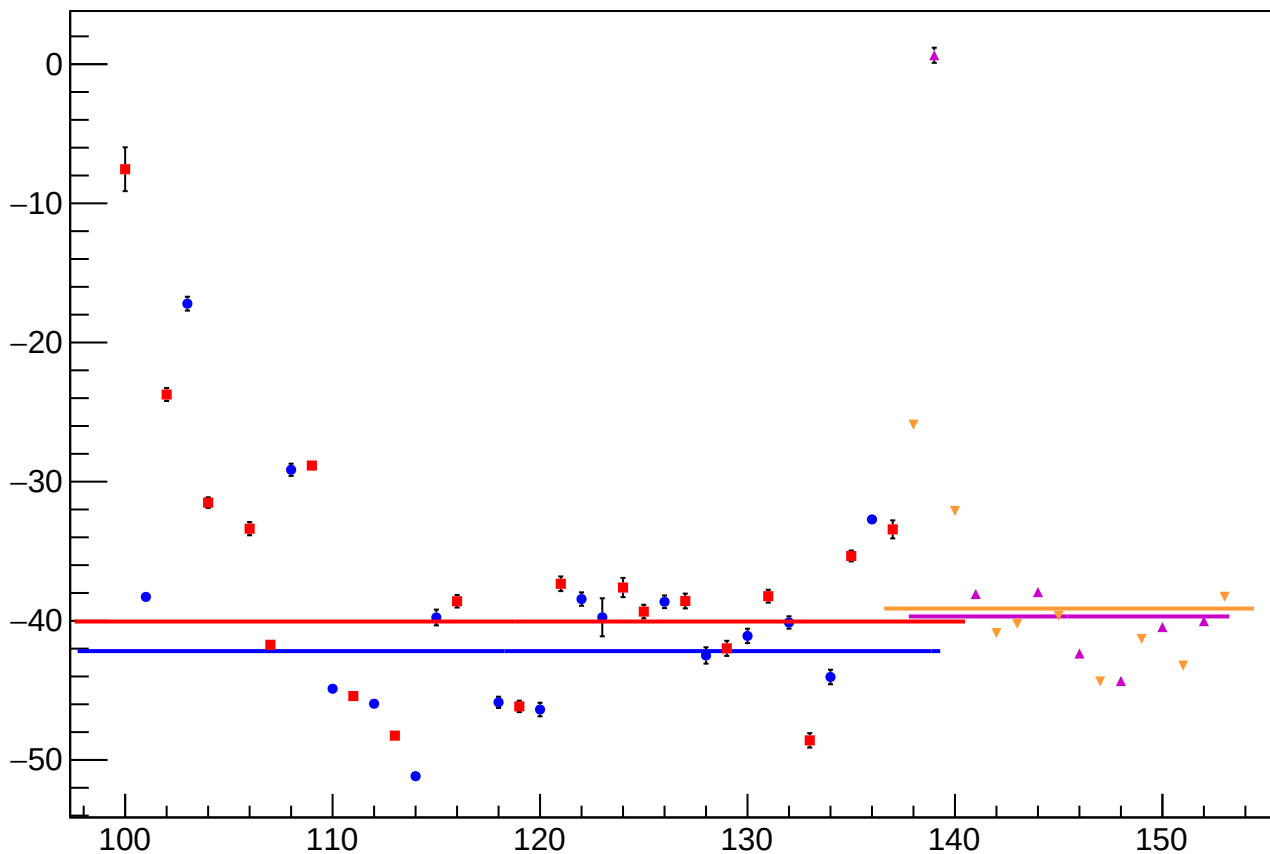
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.645+/-0.098 χ^2/NDF : 4627.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.427+/-0.110 χ^2/NDF : 981.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.887+/-0.073 χ^2/NDF : 5965.1/15
 - 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: -39.119 ± 0.068 χ^2/NDF : 5481.5/8

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

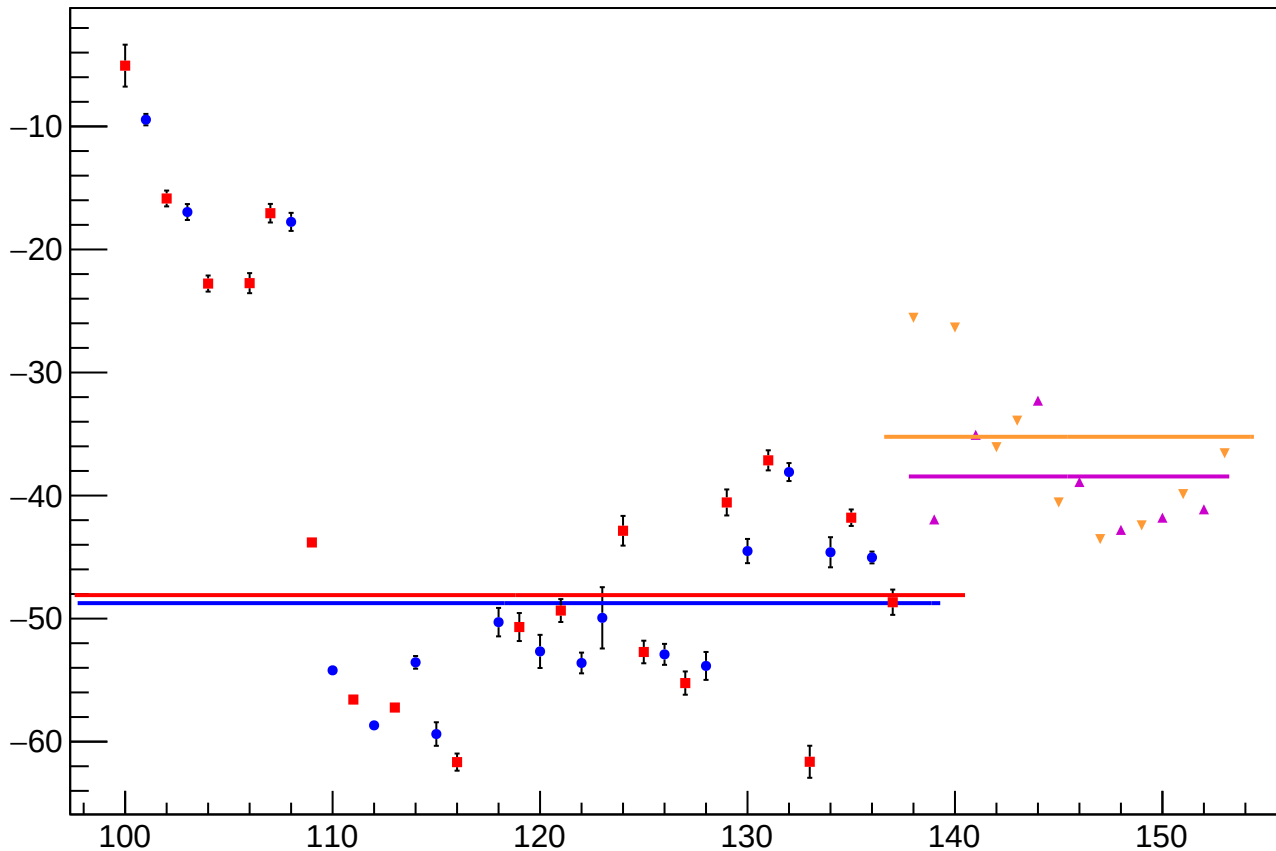
Left In: -39.688 ± 0.077 χ^2/NDF : 6587.5/6

+ sign -40.453 ± 0.051 χ^2/NDF : 12928.2/25

All: -40.174 ± 0.037 χ^2/NDF : 30901.9/51

- sign -39.879 ± 0.053 χ^2/NDF : 17912.9/25

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -35.224 ± 0.101 χ^2/NDF : 4223.6/8

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

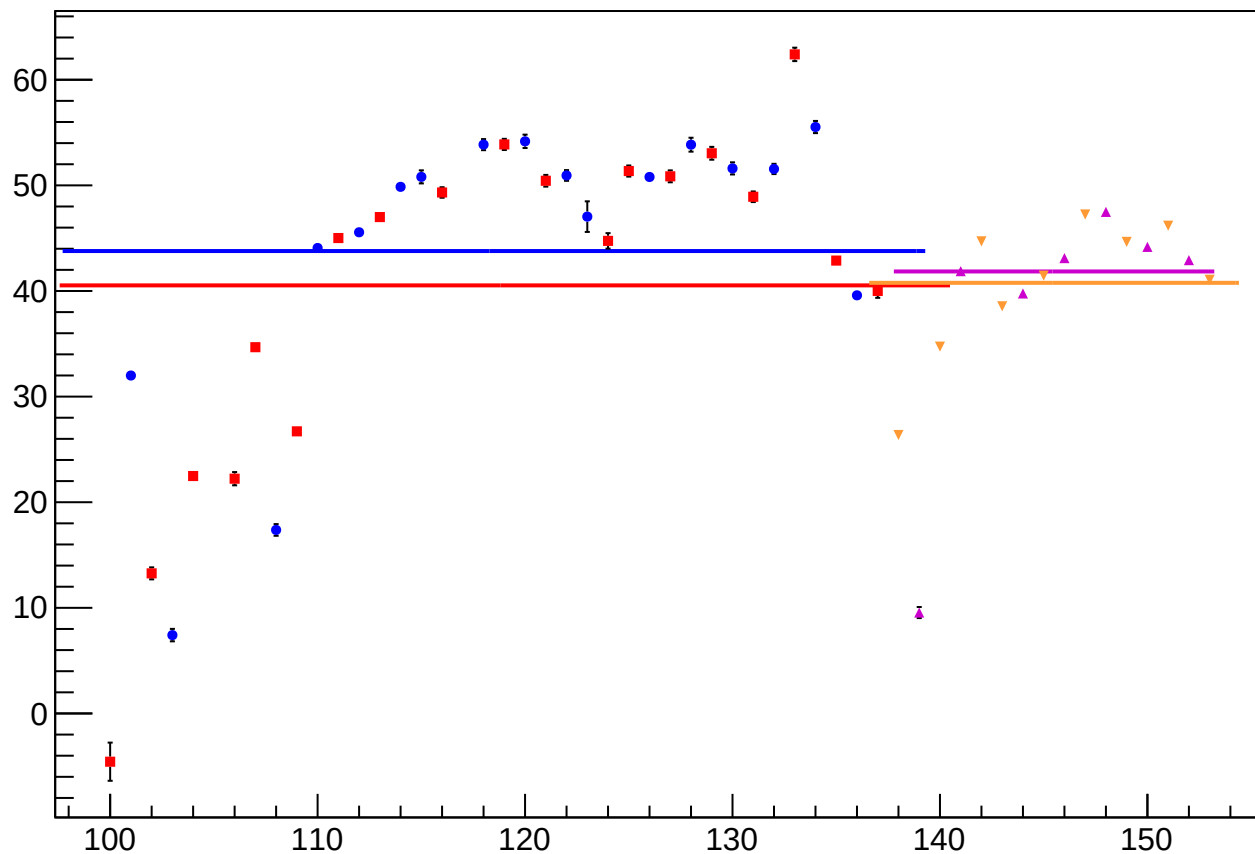
Left In: -38.448 ± 0.110 χ^2/NDF : 1225.2/6

+ sign -40.570 ± 0.078 χ^2/NDF : 26019.1/25

All: -42.015 ± 0.055 χ^2/NDF : 43570.9/51

- sign -43.413 ± 0.077 χ^2/NDF : 16880.5/25

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.772 $\pm$ 0.084 χ^2 /NDF: 4646.5/8

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

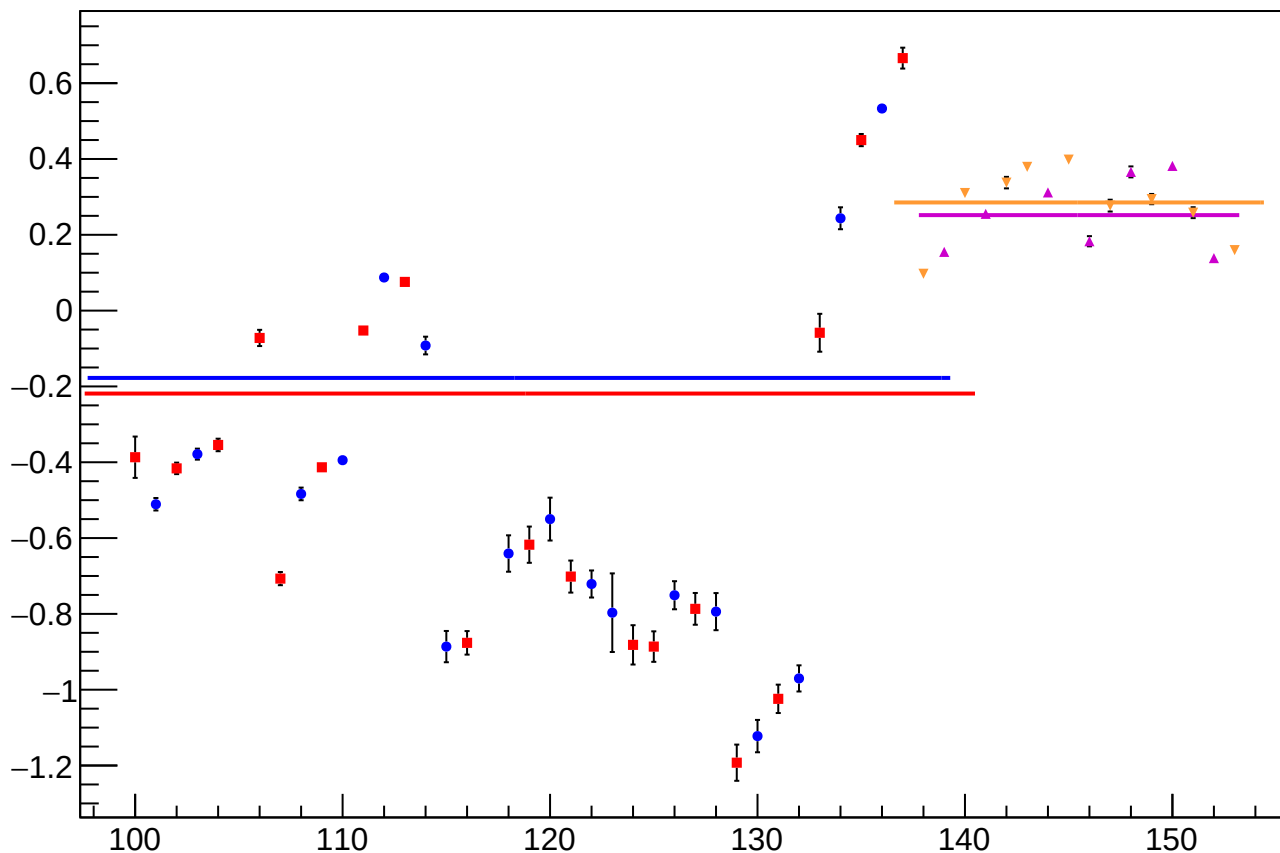
Left In: 41.849 $\pm$ 0.094 χ^2 /NDF: 4558.9/6

+ sign 42.223 $\pm$ 0.060 χ^2 /NDF: 15910.4/25

All: 41.663 $\pm$ 0.043 χ^2 /NDF: 38340.2/51

- sign 41.088 $\pm$ 0.061 χ^2 /NDF: 22253.9/25

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 $\chi^2/\text{NDF}: 7375.8/16$

Left Out: 0.285 ± 0.004 $\chi^2/\text{NDF}: 554.6/8$

Right Out: -0.219 ± 0.004 $\chi^2/\text{NDF}: 7470.0/18$

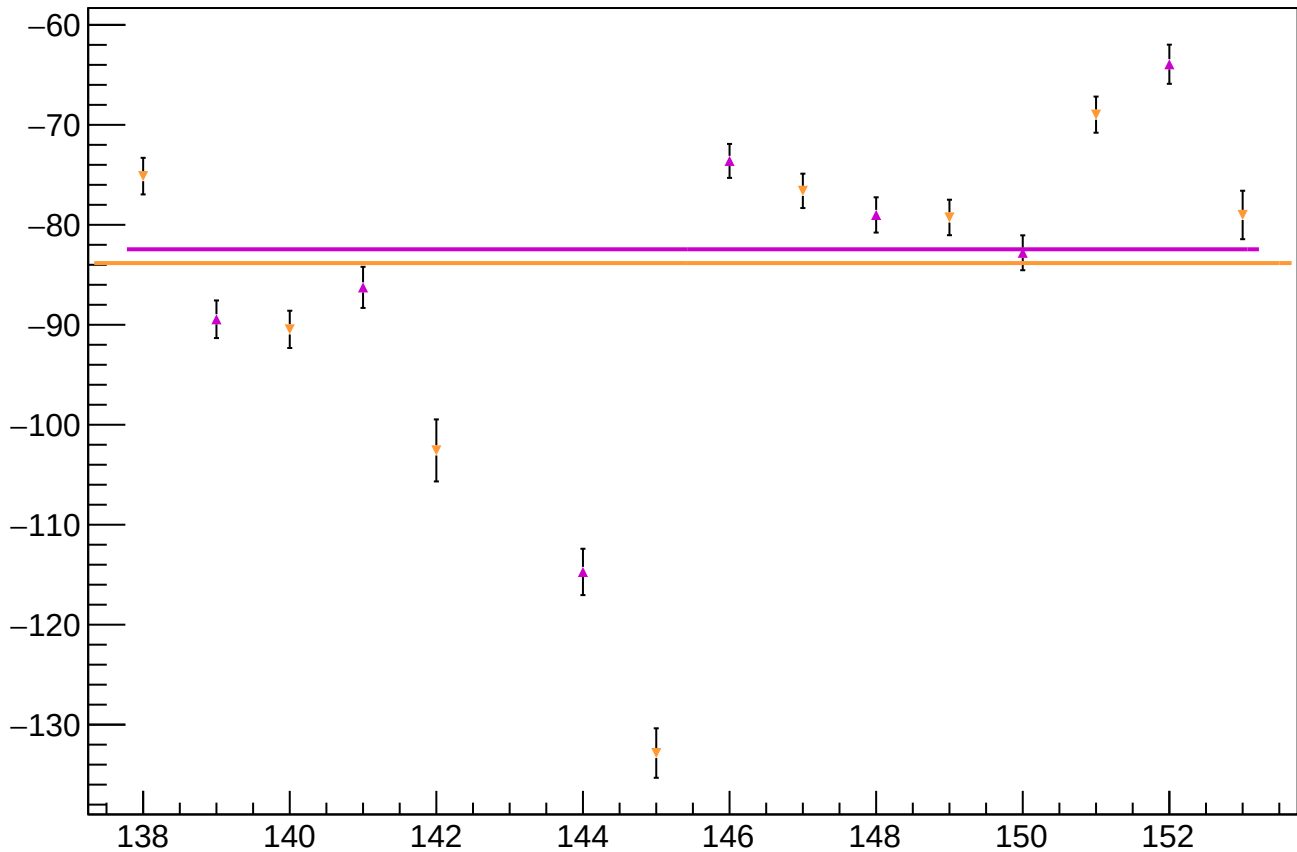
Left In: 0.252 ± 0.005 $\chi^2/\text{NDF}: 379.3/6$

+ sign 0.090 ± 0.003 $\chi^2/\text{NDF}: 13218.7/25$

All: 0.046 ± 0.002 $\chi^2/\text{NDF}: 27073.1/51$

- sign 0.002 ± 0.003 $\chi^2/\text{NDF}: 13463.4/25$

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.827+/-0.710 χ^2/NDF : 559.3/7

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

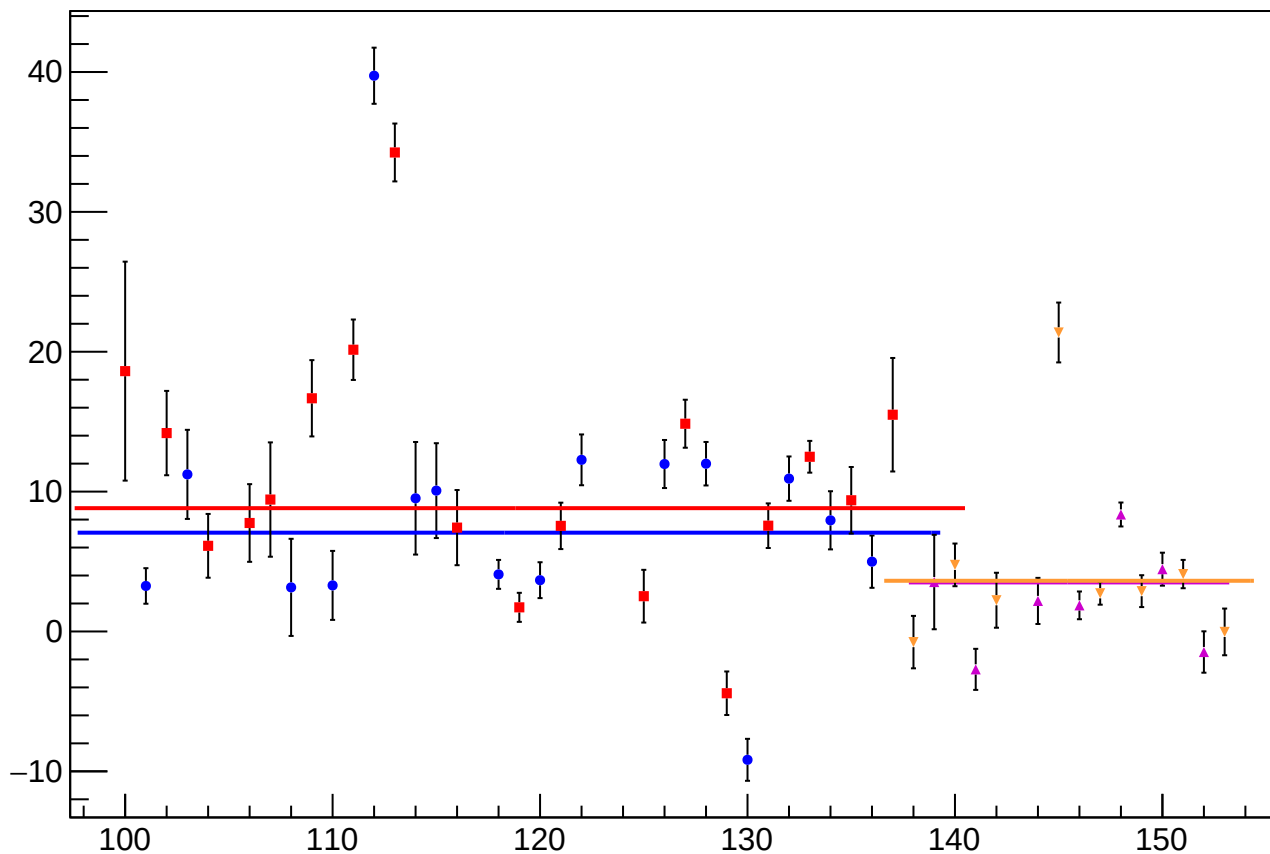
Left In: -82.448+/-0.714 χ^2/NDF : 331.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.142+/-0.503 χ^2/NDF : 892.7/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 3.624 ± 0.456 χ^2/NDF : 82.0/7

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

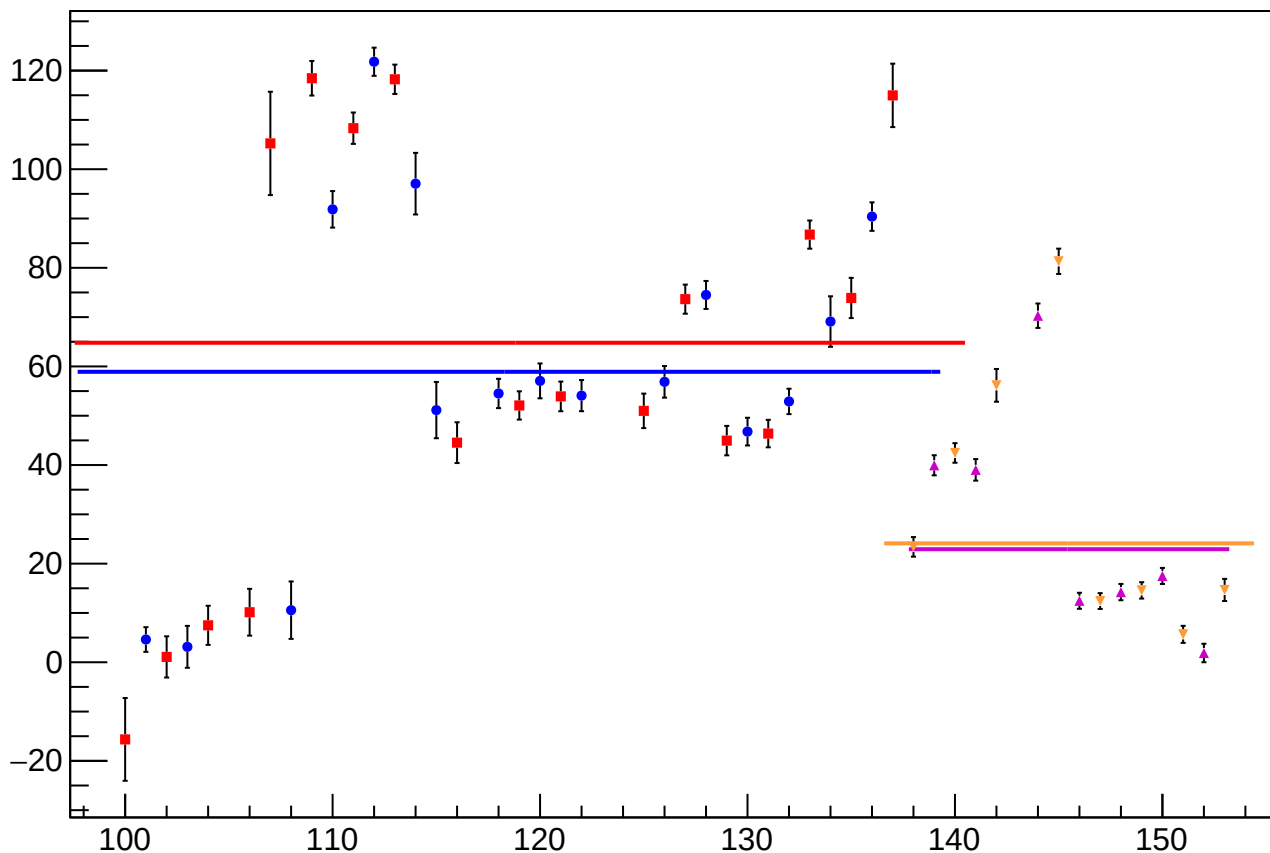
Left In: 3.506 ± 0.473 χ^2/NDF : 65.4/6

+ sign 5.432 ± 0.314 χ^2/NDF : 558.7/23

All: 5.849 ± 0.226 χ^2/NDF : 1044.5/48

- sign 6.297 ± 0.326 χ^2/NDF : 482.2/24

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 24.112 $\pm$ 0.701 χ^2 /NDF: 892.5/7

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

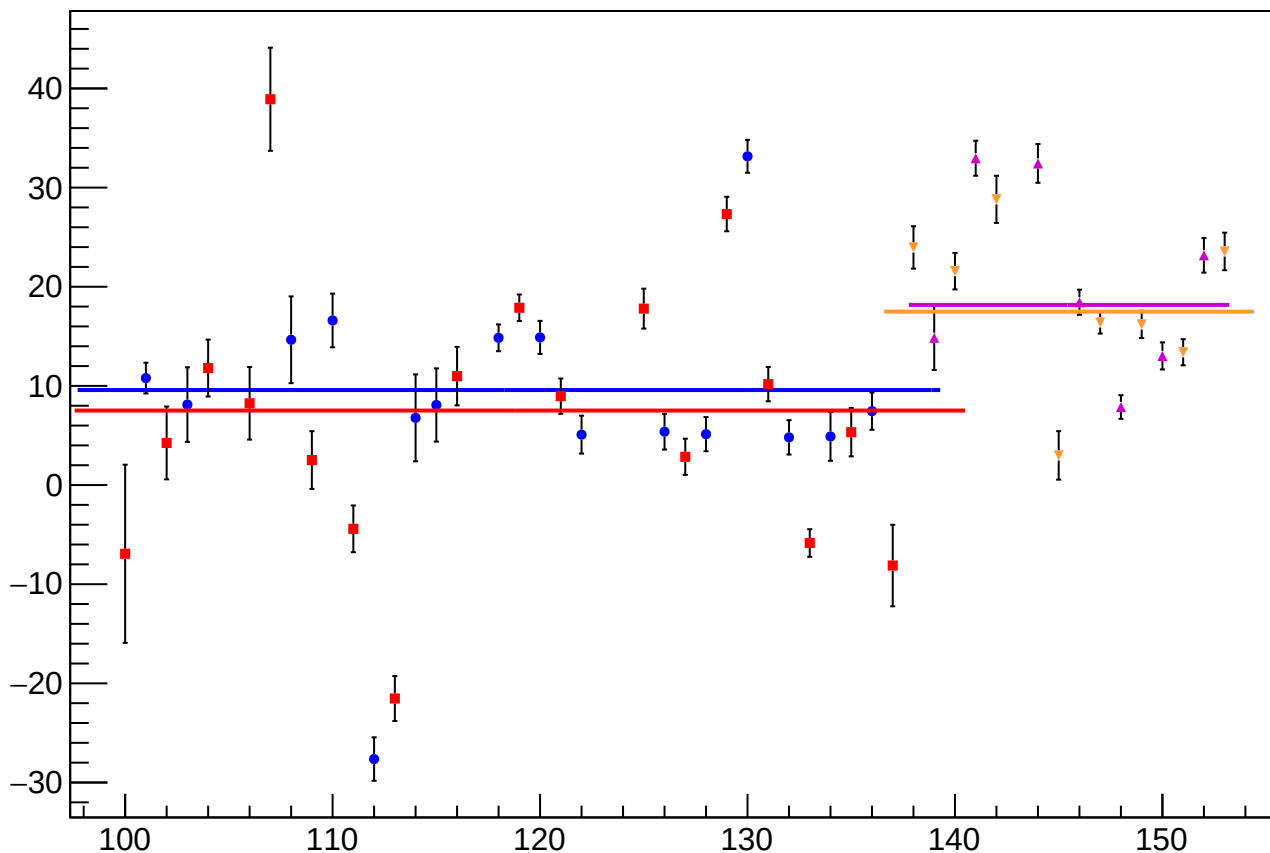
Left In: 22.928 $\pm$ 0.704 χ^2 /NDF: 695.2/6

+ sign 38.574 $\pm$ 0.536 χ^2 /NDF: 3413.2/23

All: 39.383 $\pm$ 0.380 χ^2 /NDF: 7290.1/48

- sign 40.203 $\pm$ 0.540 χ^2 /NDF: 3872.3/24

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 17.492 ± 0.574 $\chi^2/\text{NDF}: 93.6/7$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

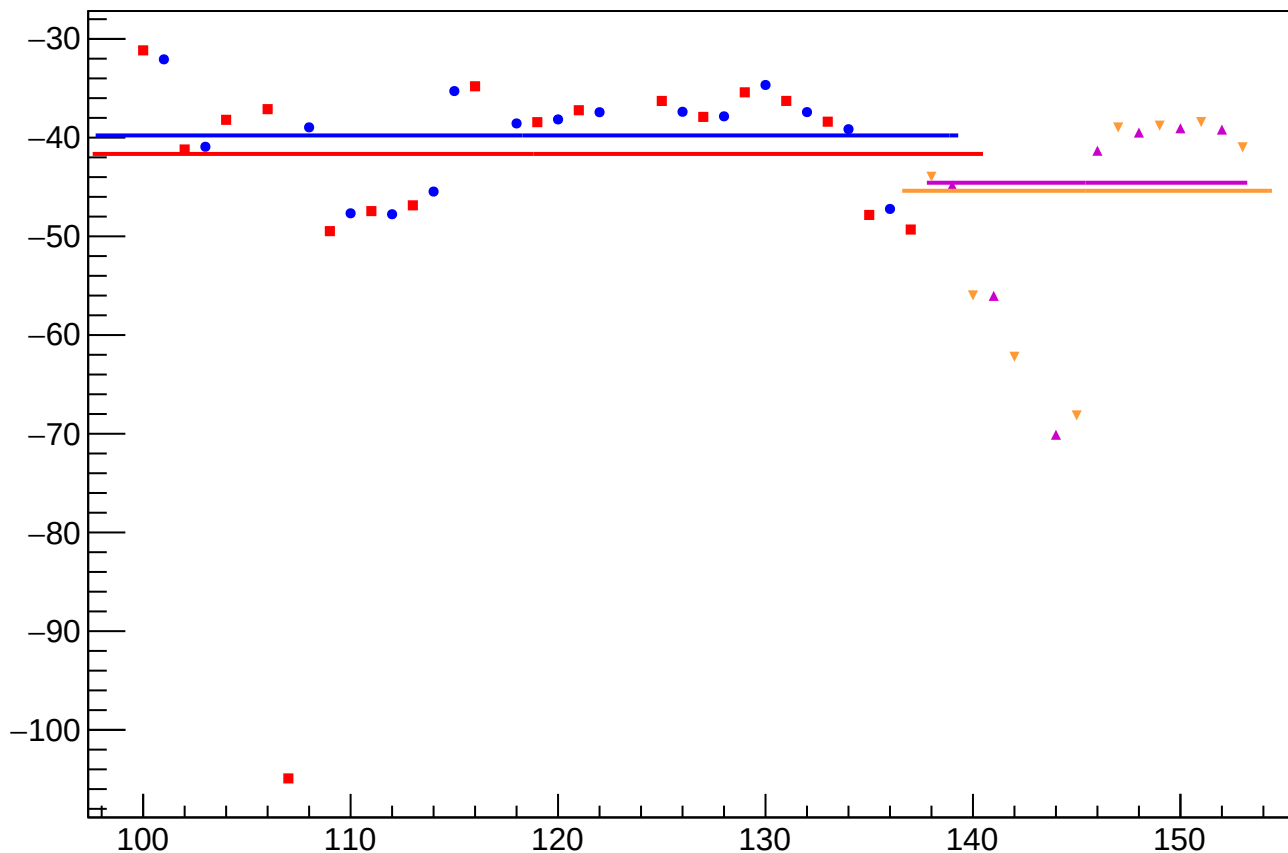
Left In: 18.174 ± 0.591 $\chi^2/\text{NDF}: 220.9/6$

+ sign 13.002 ± 0.378 $\chi^2/\text{NDF}: 755.7/23$

All: 12.573 ± 0.271 $\chi^2/\text{NDF}: 1733.6/48$

- sign 12.118 ± 0.389 $\chi^2/\text{NDF}: 975.2/24$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -45.384 ± 0.029 χ^2/NDF : 108525.5/7

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

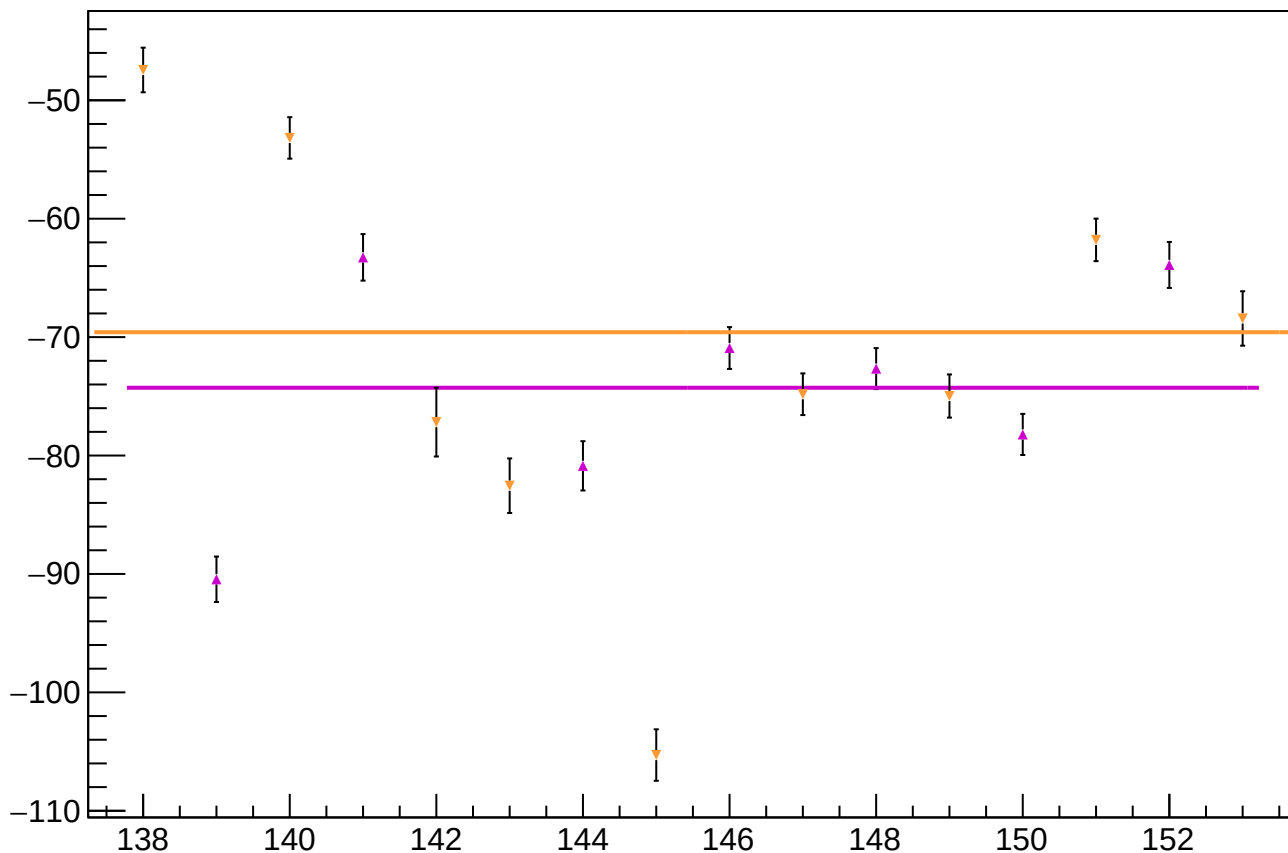
Left In: -44.568 ± 0.029 χ^2/NDF : 90351.4/6

+ sign -42.729 ± 0.021 χ^2/NDF : 151834.2/23

All: -42.966 ± 0.015 χ^2/NDF : 341542.5/48

- sign -43.203 ± 0.021 χ^2/NDF : 189462.3/24

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.585+/-0.667 χ^2/NDF : 570.7/8

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

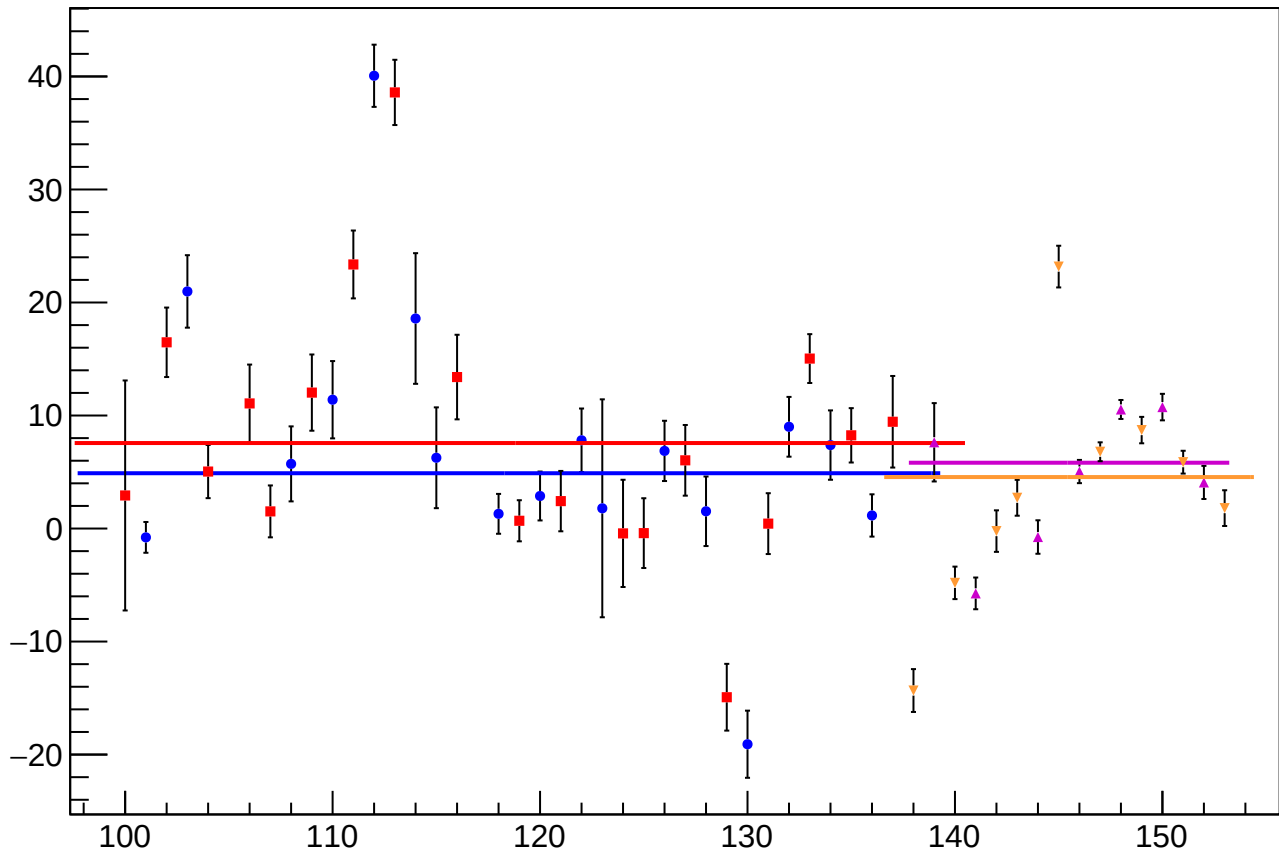
Left In: -74.277+/-0.705 χ^2/NDF : 150.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.801+/-0.484 χ^2/NDF : 744.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 4.554 ± 0.434 χ^2/NDF : 276.2/8

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

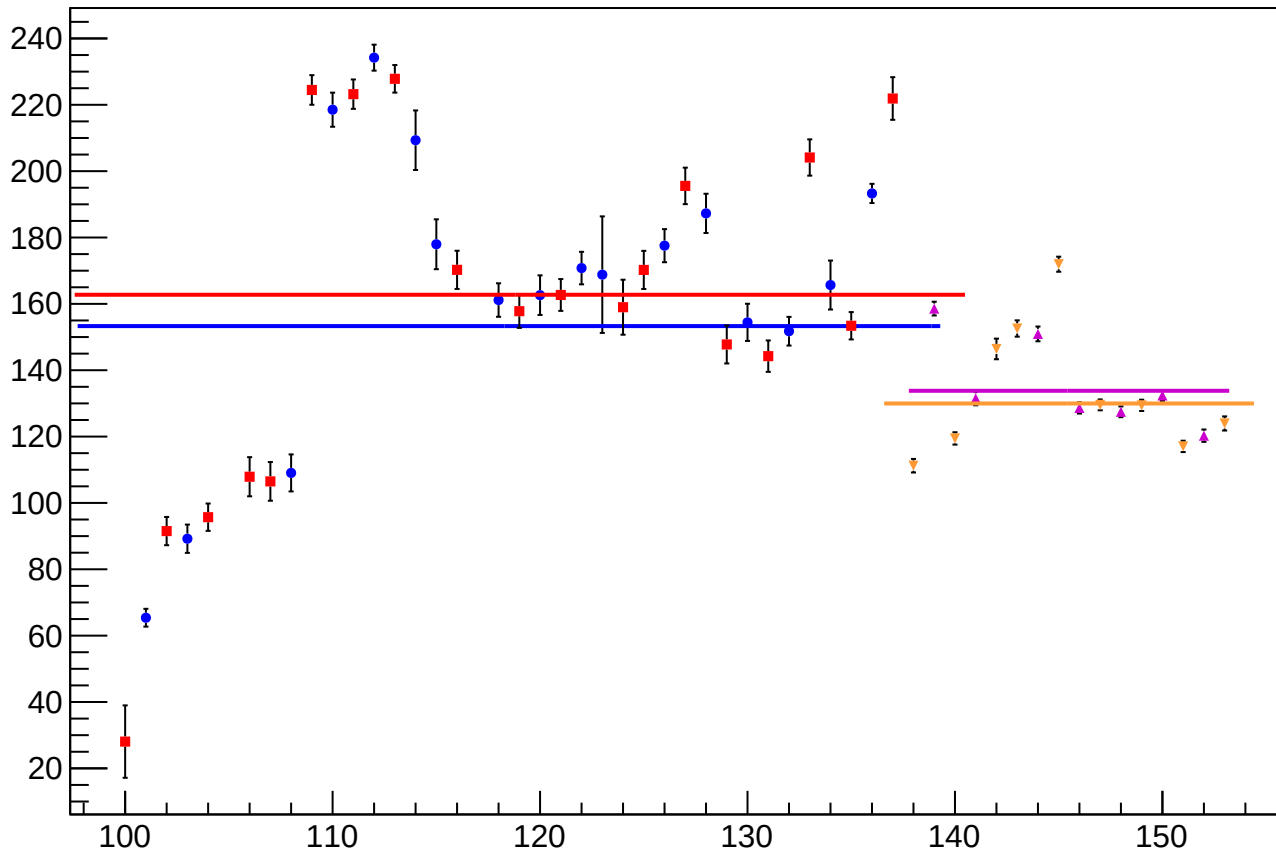
Left In: 5.823 ± 0.466 χ^2/NDF : 139.0/6

+ sign 4.666 ± 0.356 χ^2/NDF : 571.8/25

All: 5.484 ± 0.259 χ^2/NDF : 997.0/51

- sign 6.412 ± 0.379 χ^2/NDF : 413.9/25

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 129.974 $\pm$ 0.664 χ^2 /NDF: 635.7/8

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

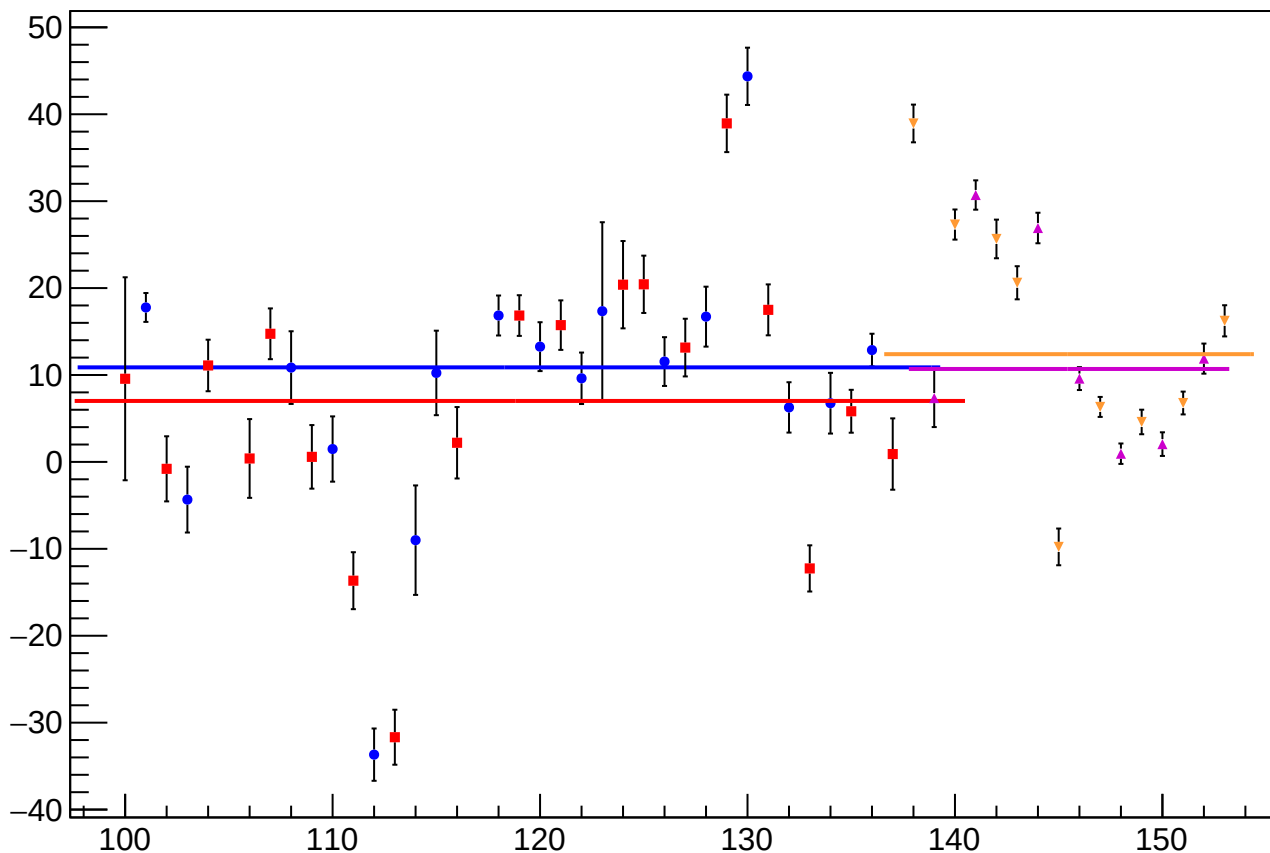
Left In: 133.804 $\pm$ 0.696 χ^2 /NDF: 280.9/6

+ sign 135.852 $\pm$ 0.575 χ^2 /NDF: 3212.9/25

All: 138.468 $\pm$ 0.415 χ^2 /NDF: 5693.9/51

- sign 141.313 $\pm$ 0.599 χ^2 /NDF: 2437.7/25

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF : 388.1/16

Left Out: 12.396+/-0.543 χ^2/NDF : 469.1/8

Right Out: 7.014+/-0.748 χ^2/NDF : 424.5/18

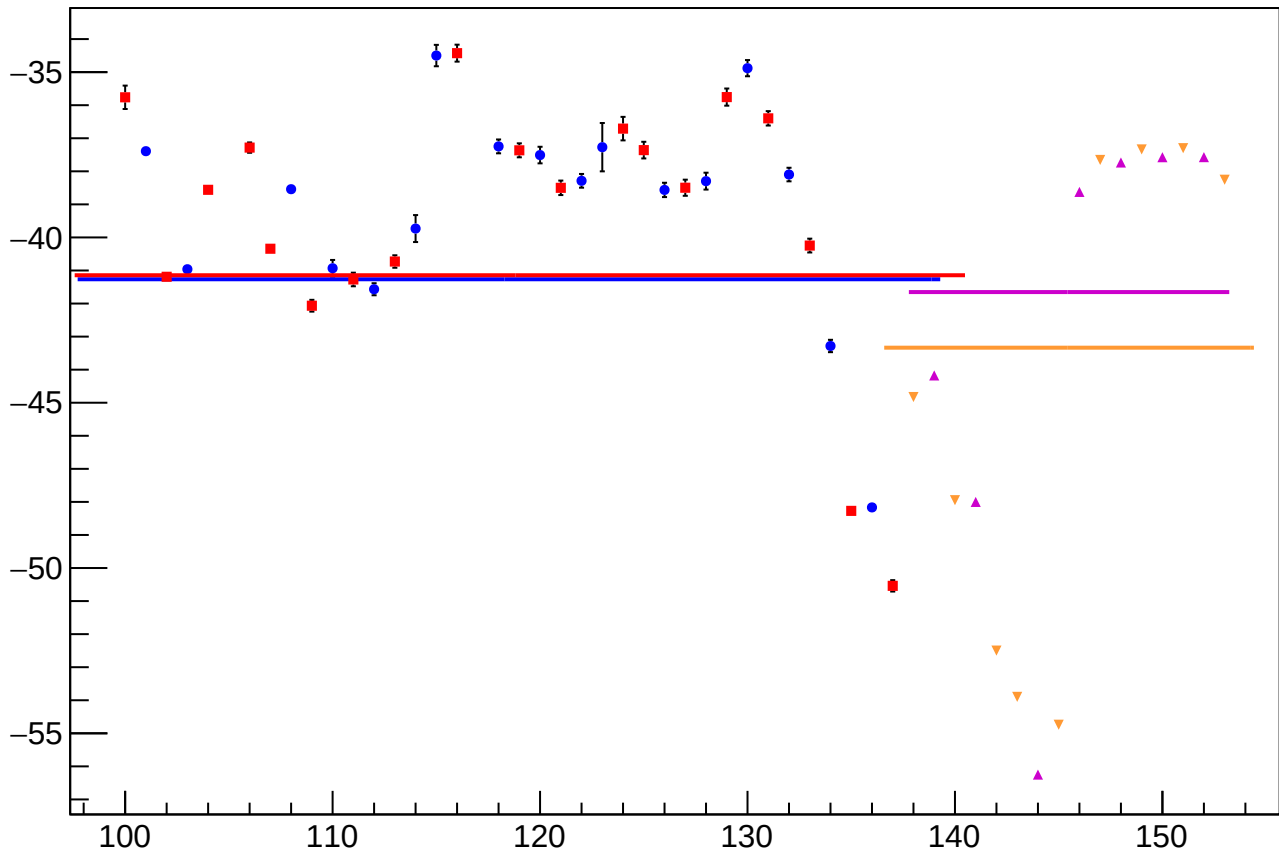
Left In: 10.693+/-0.583 χ^2/NDF : 337.4/6

+ sign 11.840+/-0.432 χ^2/NDF : 860.0/25

All: 10.651+/-0.315 χ^2/NDF : 1653.2/51

- sign 9.303+/-0.460 χ^2/NDF : 777.0/25

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -43.335 ± 0.028 $\chi^2/\text{NDF}: 59572.0/8$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

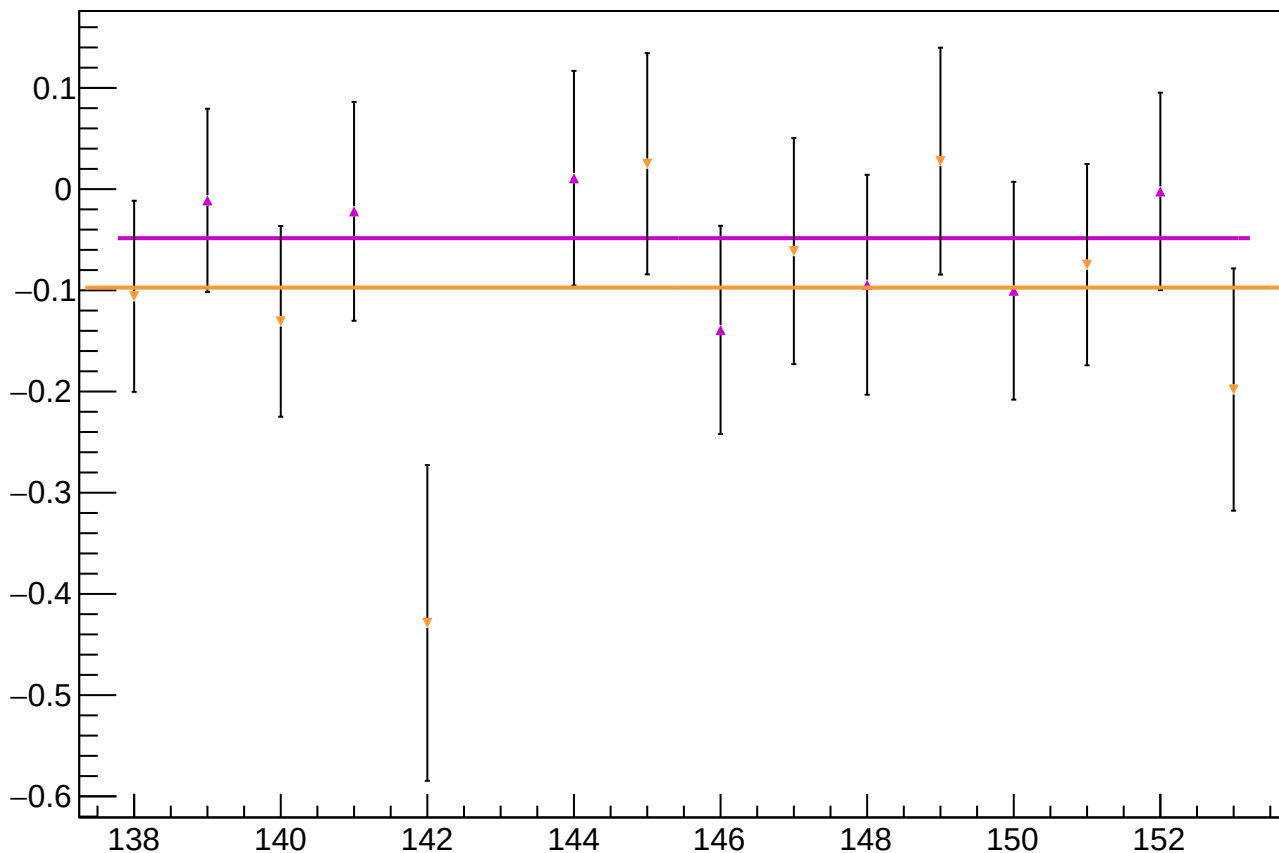
Left In: -41.653 ± 0.029 $\chi^2/\text{NDF}: 40472.2/6$

+ sign -42.627 ± 0.023 $\chi^2/\text{NDF}: 74044.2/25$

All: -42.065 ± 0.016 $\chi^2/\text{NDF}: 128130.3/51$

- sign -41.470 ± 0.023 $\chi^2/\text{NDF}: 52802.1/25$

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 $\pm$ 0.038 χ^2 /NDF: 8.0/7

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

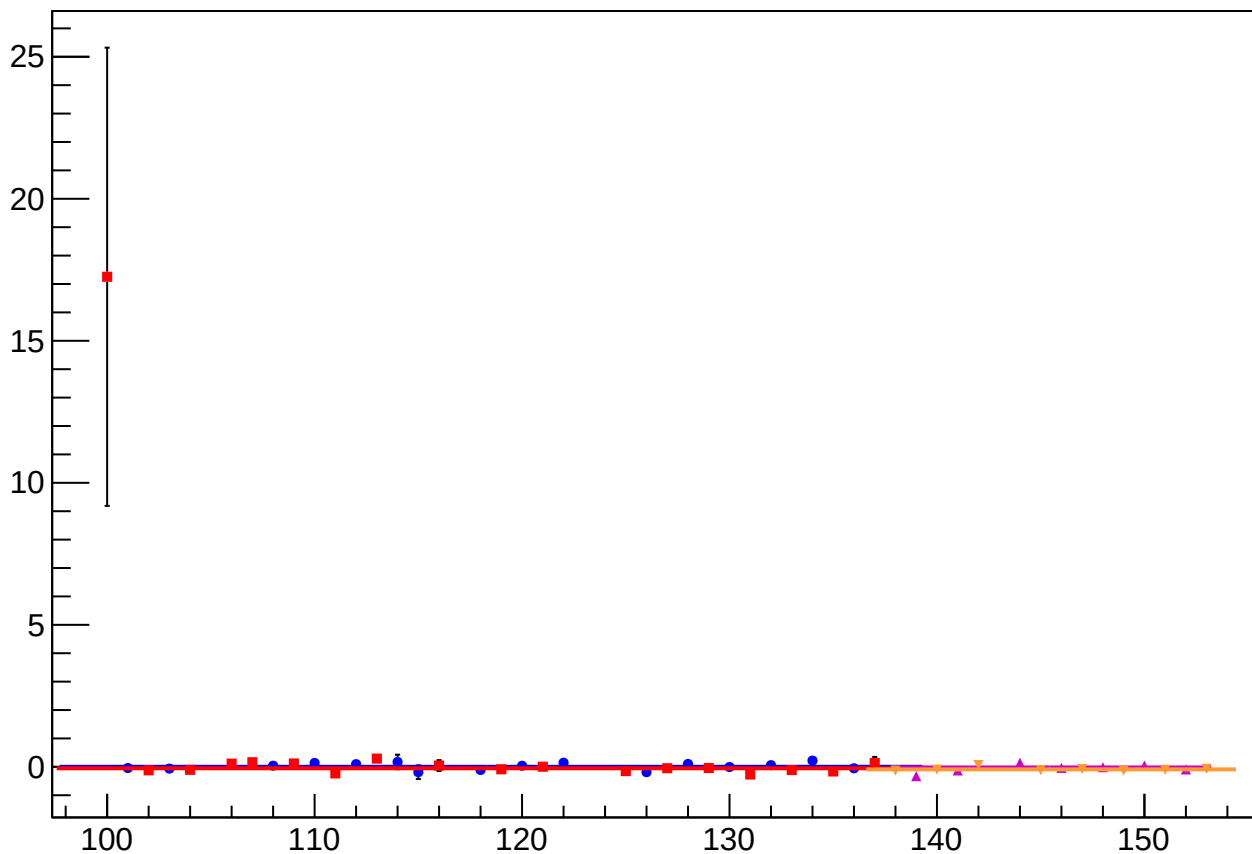
Left In: -0.048 $\pm$ 0.039 χ^2 /NDF: 2.0/6

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

All: -0.073 $\pm$ 0.027 χ^2 /NDF: 10.8/14

- 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: -0.090 ± 0.026 χ^2/NDF : 3.2/7

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

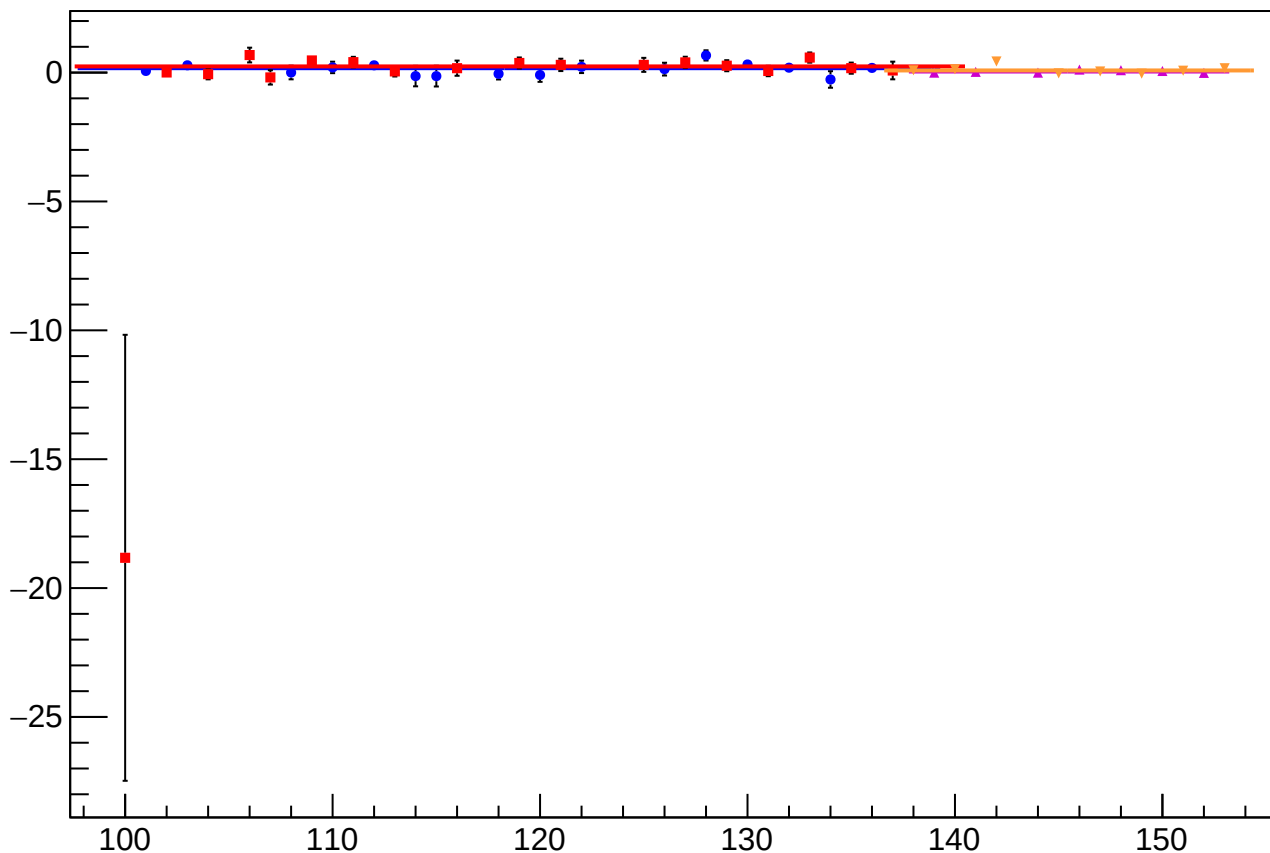
Left In: -0.022 ± 0.027 χ^2/NDF : 11.9/6

+ sign -0.048 ± 0.019 χ^2/NDF : 21.4/23

All: -0.042 ± 0.014 χ^2/NDF : 59.9/48

- sign -0.035 ± 0.020 χ^2/NDF : 38.2/24

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.083 $\pm$ 0.038 χ^2 /NDF: 7.7/7

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

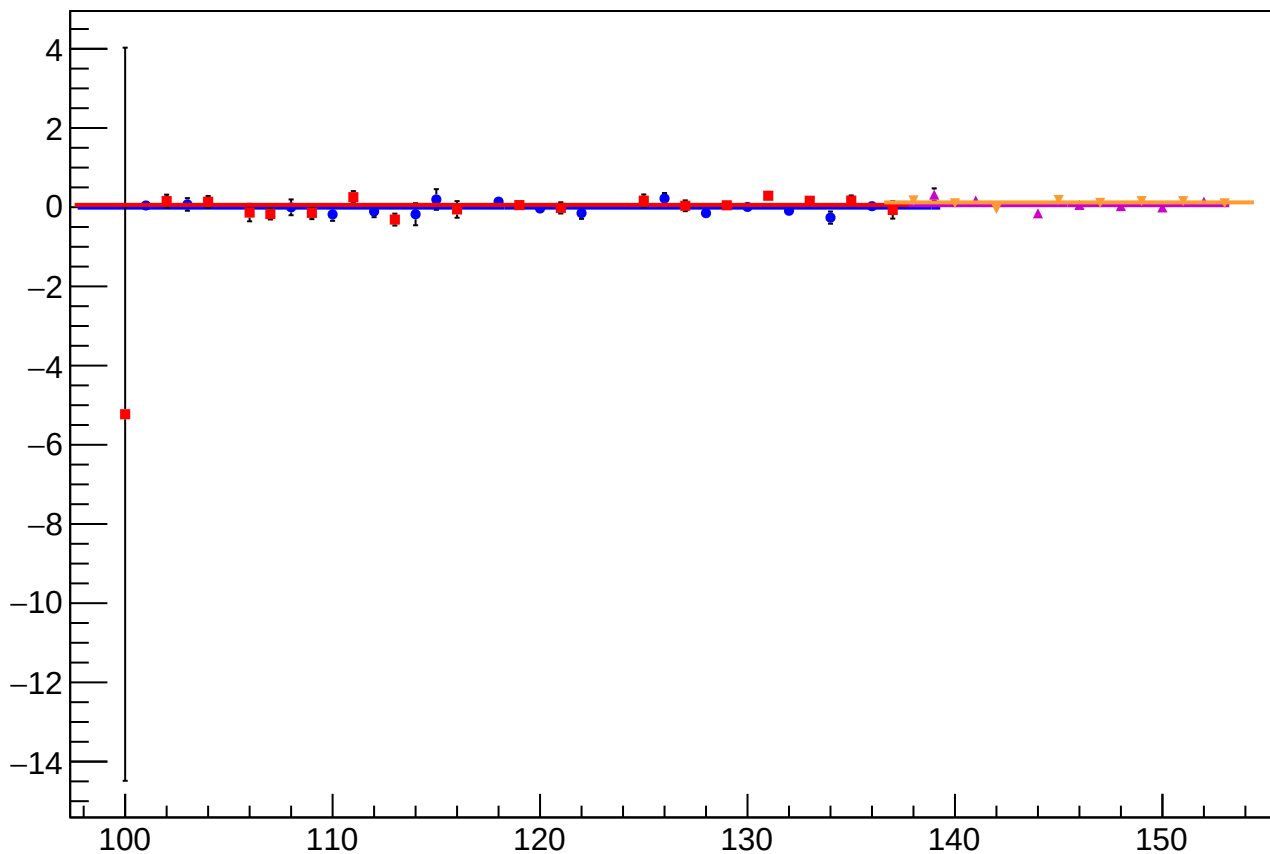
Left In: 0.041 $\pm$ 0.039 χ^2 /NDF: 1.6/6

+ sign 0.113 $\pm$ 0.031 χ^2 /NDF: 23.2/23

All: 0.111 $\pm$ 0.022 χ^2 /NDF: 55.5/48

- sign 0.108 $\pm$ 0.031 χ^2 /NDF: 32.3/24

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.121 ± 0.032 χ^2/NDF : 3.0/7

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

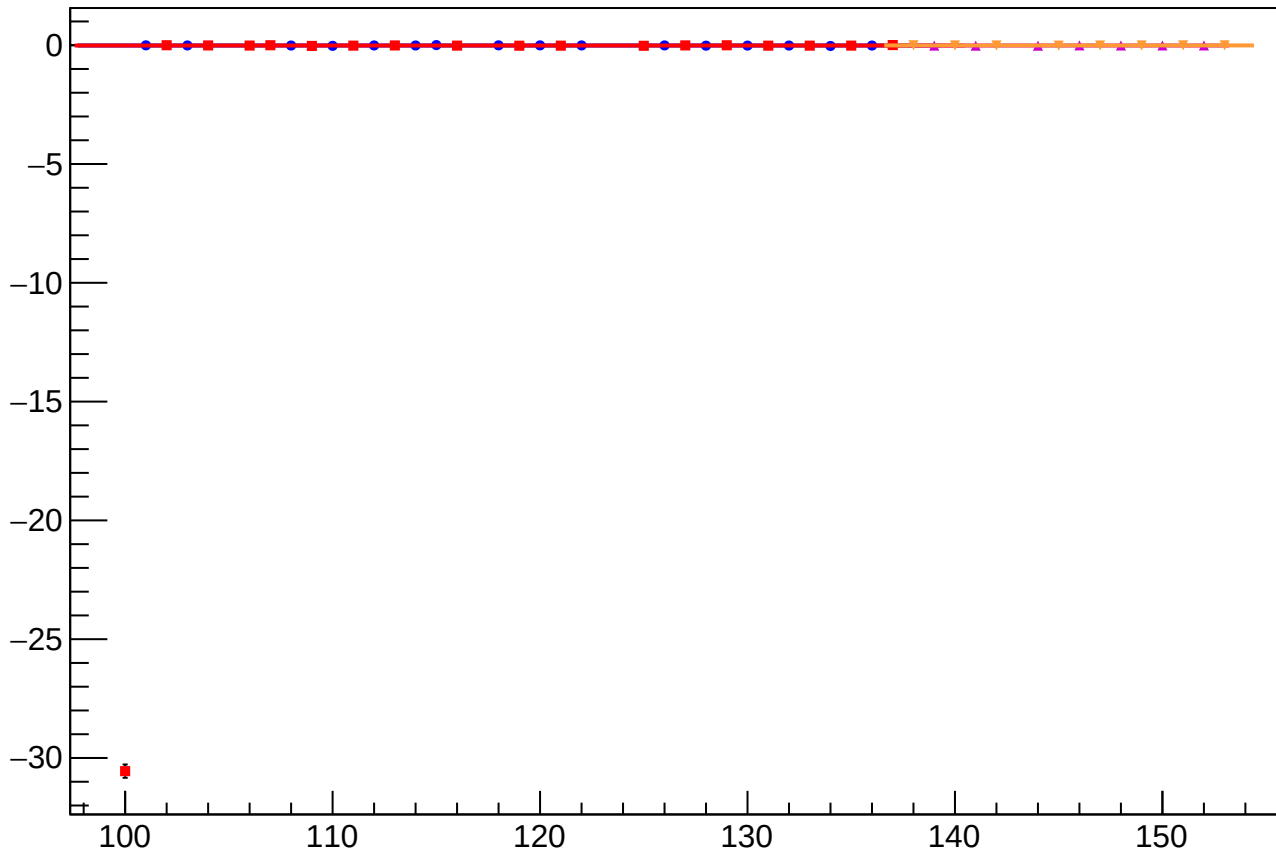
Left In: 0.050 ± 0.033 χ^2/NDF : 11.2/6

+ sign 0.056 ± 0.023 χ^2/NDF : 25.1/23

All: 0.055 ± 0.016 χ^2/NDF : 56.9/48

- sign 0.054 ± 0.024 χ^2/NDF : 31.8/24

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 $\pm$ 0.002 χ^2 /NDF: 8.1/7

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

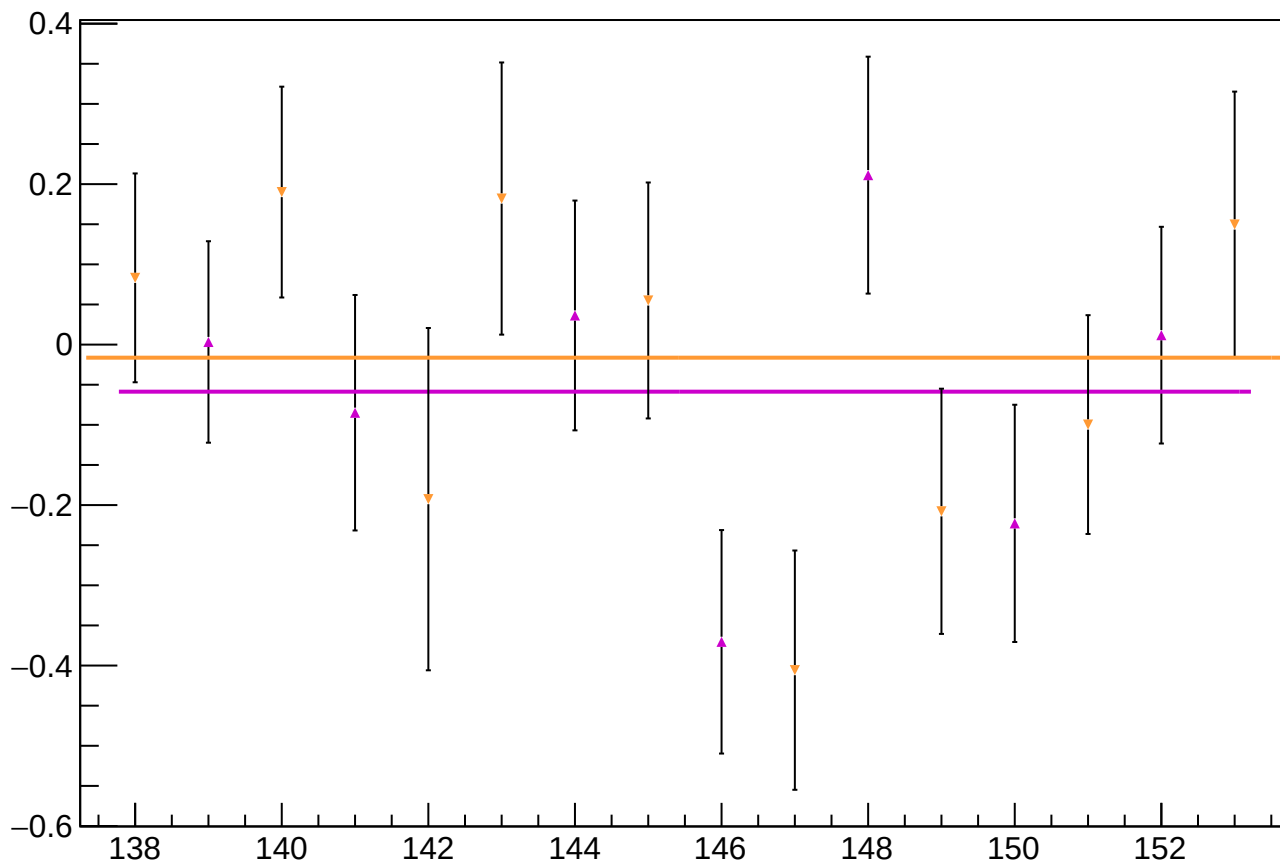
Left In: -0.012 $\pm$ 0.002 χ^2 /NDF: 7.9/6

+ sign -0.010 $\pm$ 0.001 χ^2 /NDF: 22.9/23

All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11924.3/48

- sign -0.012 $\pm$ 0.001 χ^2 /NDF: 11899.5/24

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.016 $\pm$ 0.050 χ^2 /NDF: 15.1/8

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

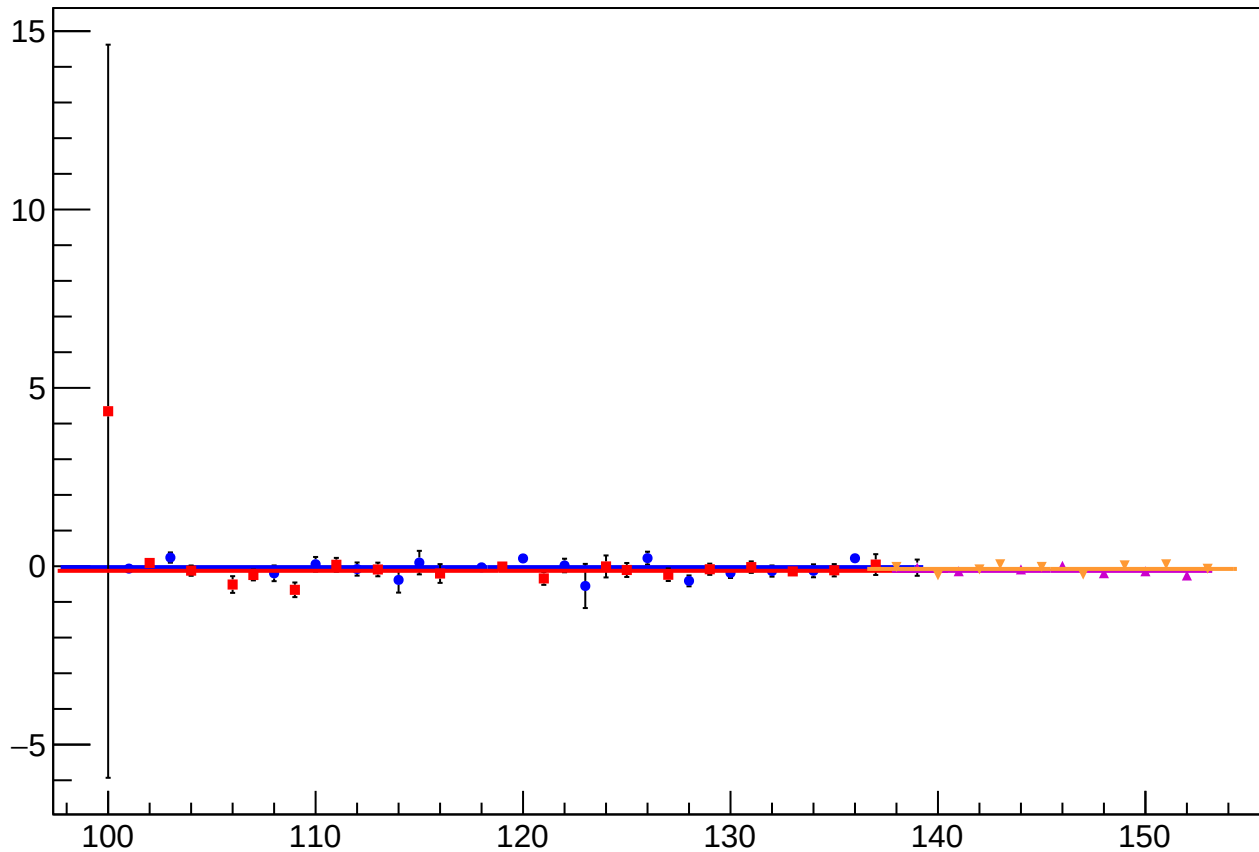
Left In: -0.059 $\pm$ 0.053 χ^2 /NDF: 10.6/6

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

All: -0.036 $\pm$ 0.036 χ^2 /NDF: 26.0/15

- 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: -0.075 ± 0.034 χ^2/NDF : 13.0/8

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

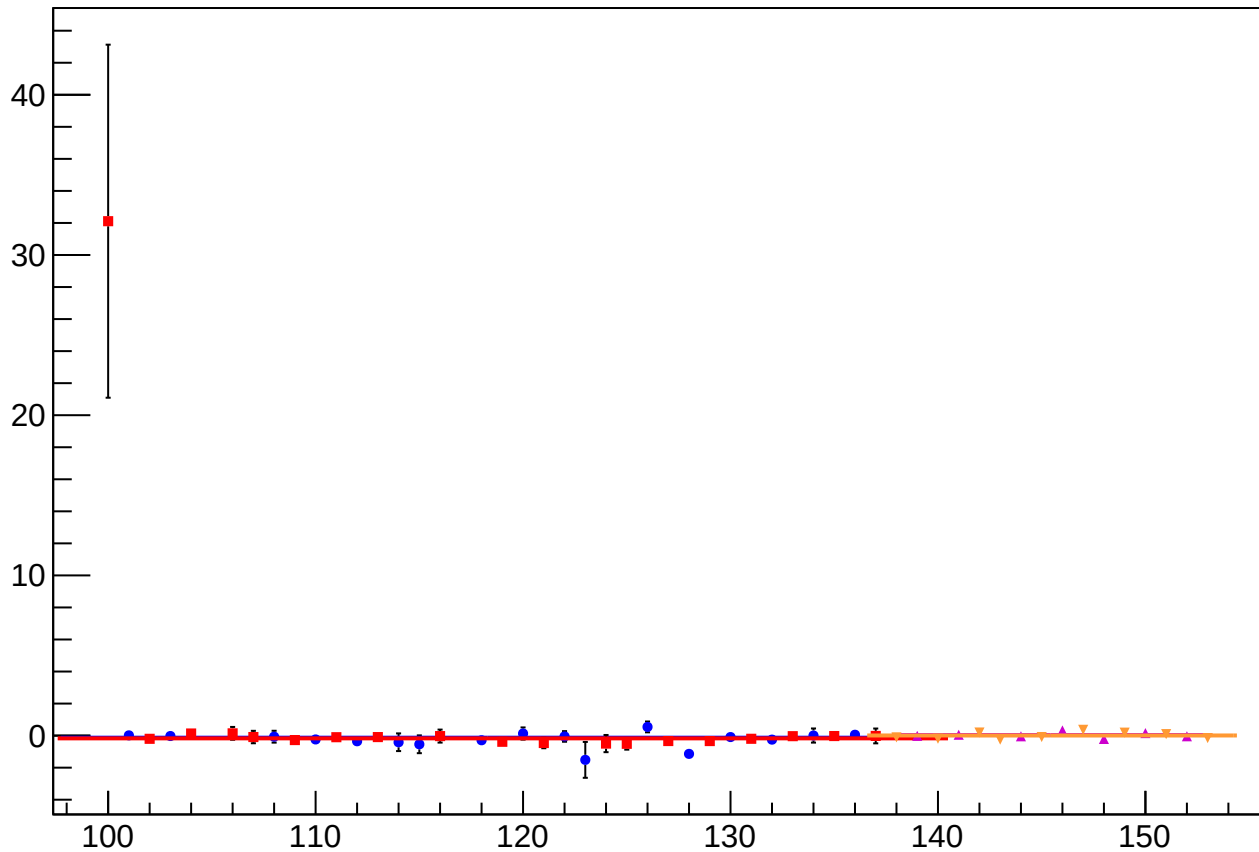
Left In: -0.130 ± 0.037 χ^2/NDF : 5.7/6

+ sign -0.052 ± 0.025 χ^2/NDF : 37.4/25

All: -0.087 ± 0.018 χ^2/NDF : 65.2/51

- sign -0.129 ± 0.027 χ^2/NDF : 23.3/25

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.009 ± 0.050 χ^2/NDF : 15.4/8

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

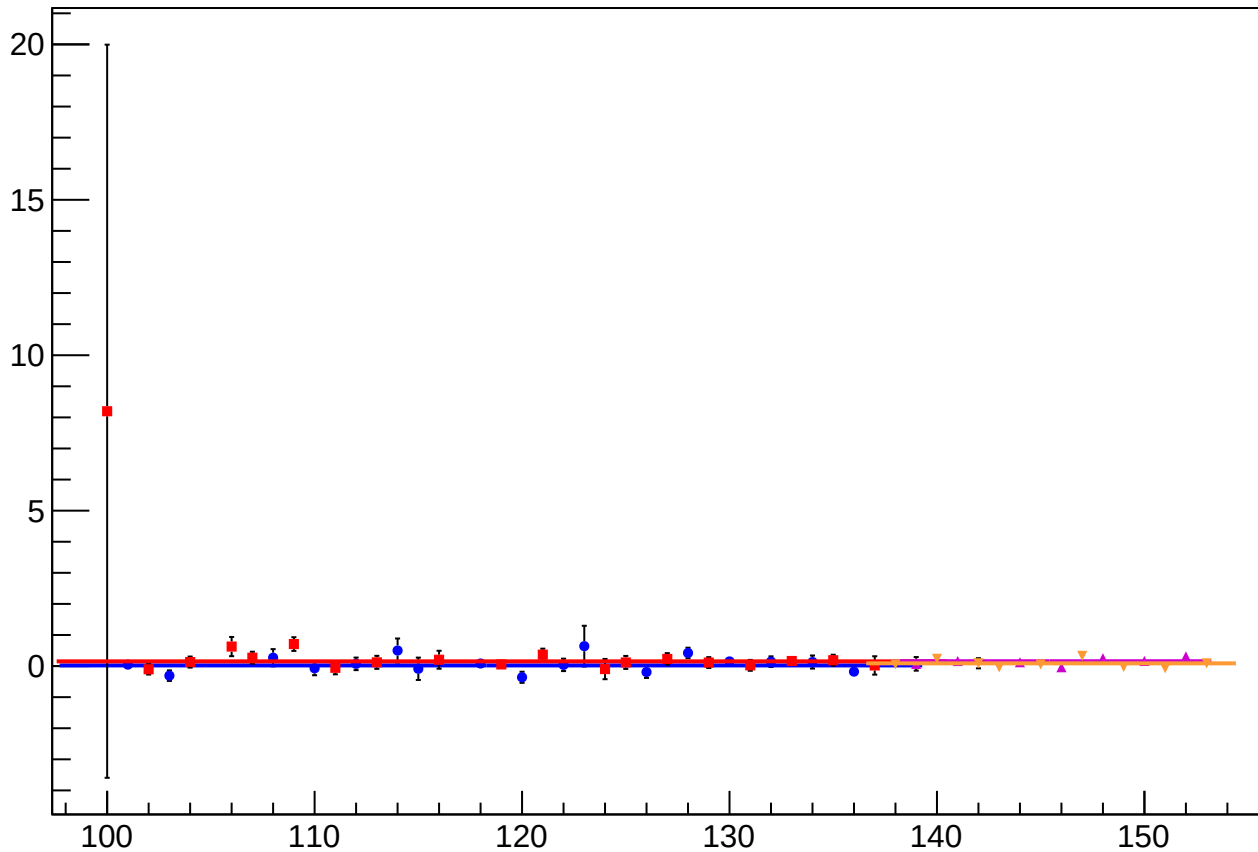
Left In: 0.036 ± 0.053 χ^2/NDF : 9.3/6

+ sign -0.041 ± 0.040 χ^2/NDF : 41.9/25

All: -0.040 ± 0.029 χ^2/NDF : 71.8/51

- sign -0.038 ± 0.042 χ^2/NDF : 29.8/25

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 22.5/16

Left Out: 0.088 $\pm$ 0.042 χ^2 /NDF: 11.8/8

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.2/18

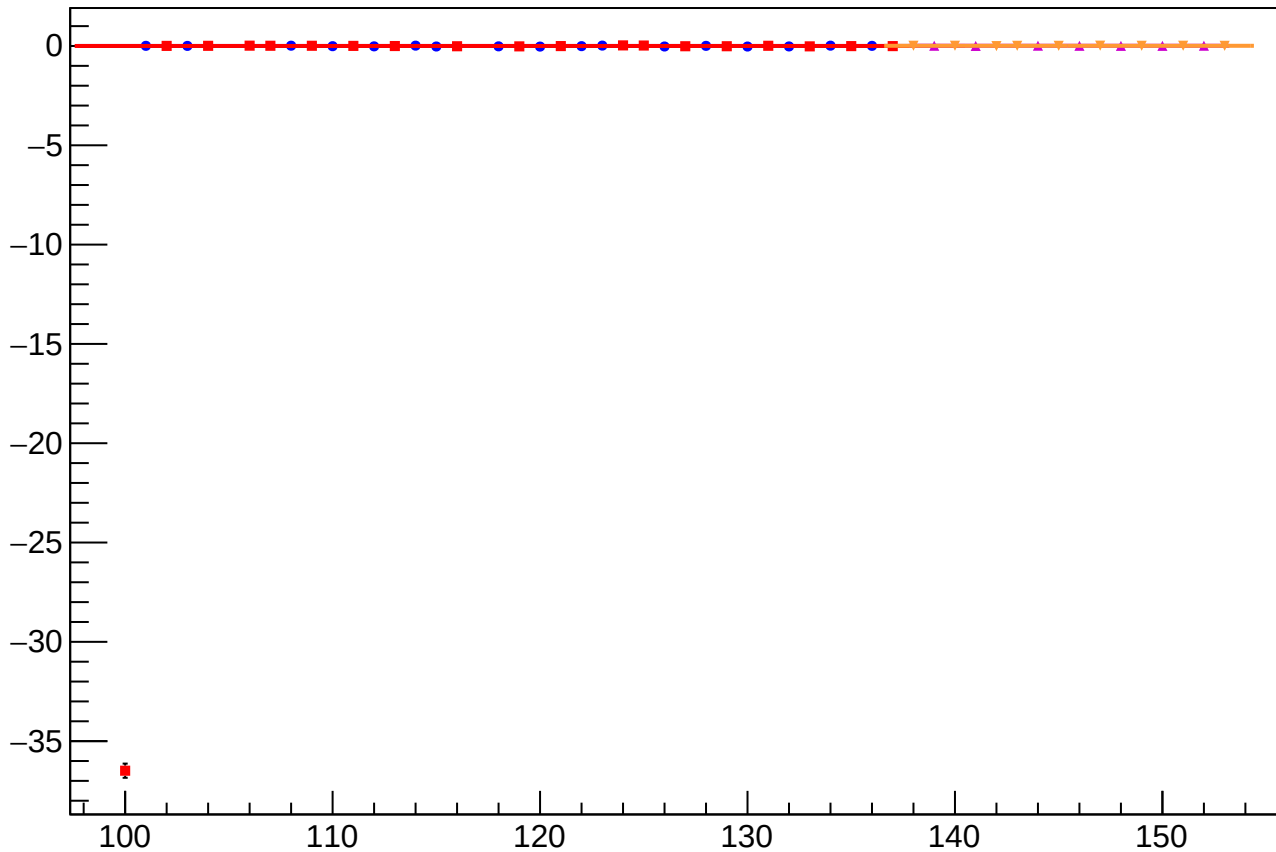
Left In: 0.156 $\pm$ 0.045 χ^2 /NDF: 6.2/6

+ sign 0.055 $\pm$ 0.030 χ^2 /NDF: 35.6/25

All: 0.100 $\pm$ 0.022 χ^2 /NDF: 63.2/51

- sign 0.154 $\pm$ 0.032 χ^2 /NDF: 22.5/25

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 4.6/8

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

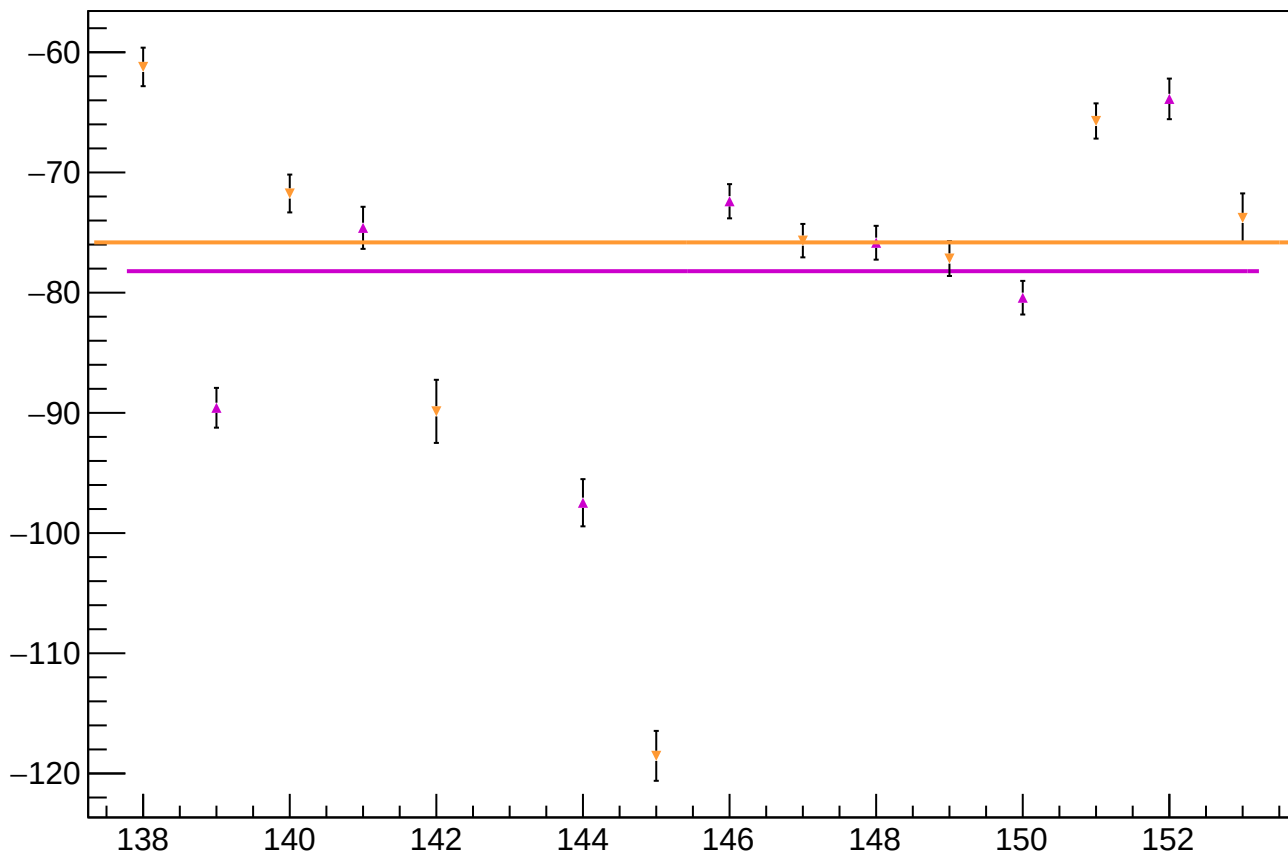
Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 3.0/6

+ sign 0.006 $\pm$ 0.002 χ^2 /NDF: 45.4/25

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10507.0/51

- sign 0.006 $\pm$ 0.002 χ^2 /NDF: 10461.6/25

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.818+/-0.590 χ^2/NDF : 591.3/7

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

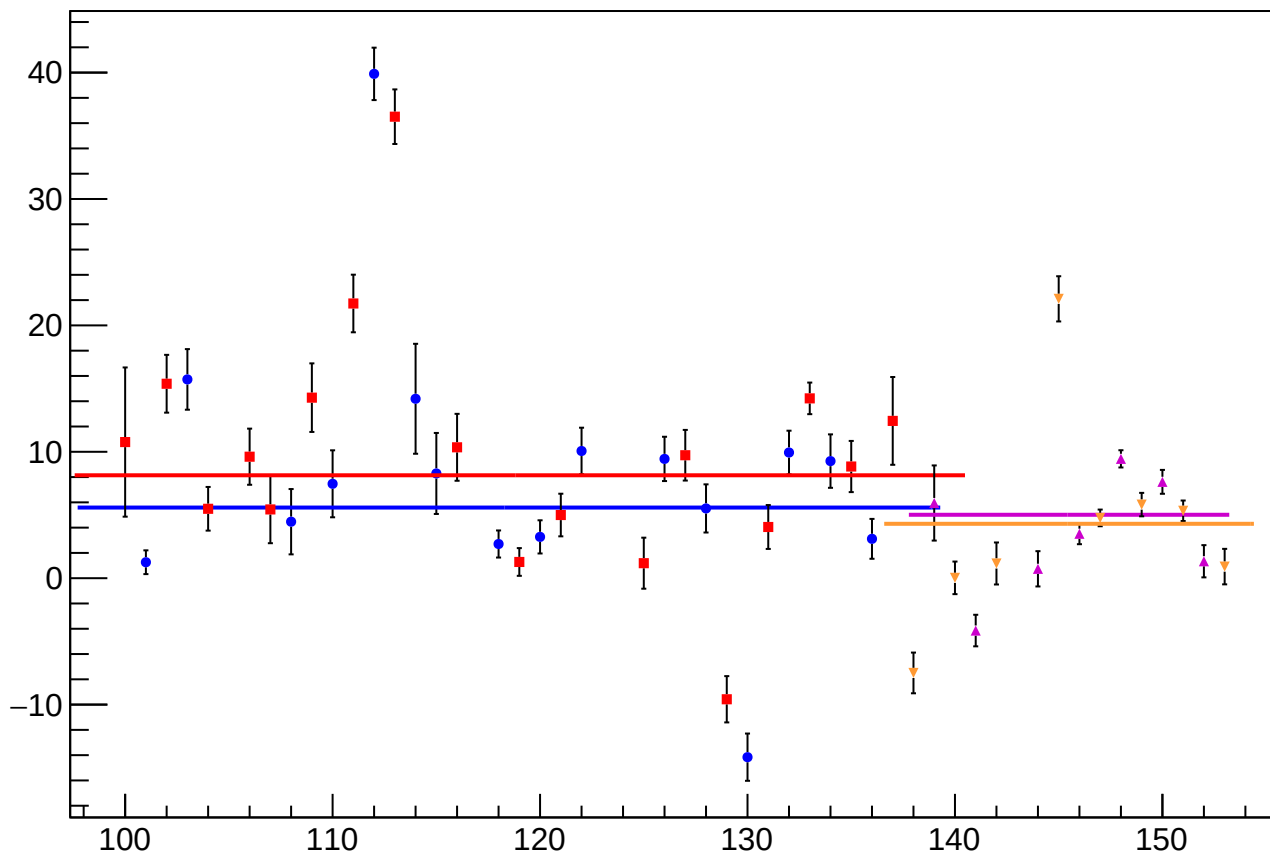
Left In: -78.213+/-0.596 χ^2/NDF : 241.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.003+/-0.419 χ^2/NDF : 841.2/14

- 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: 4.303 ± 0.374 $\chi^2/\text{NDF}: 177.9/7$

Right Out: 8.142 ± 0.454 $\chi^2/\text{NDF}: 407.7/17$

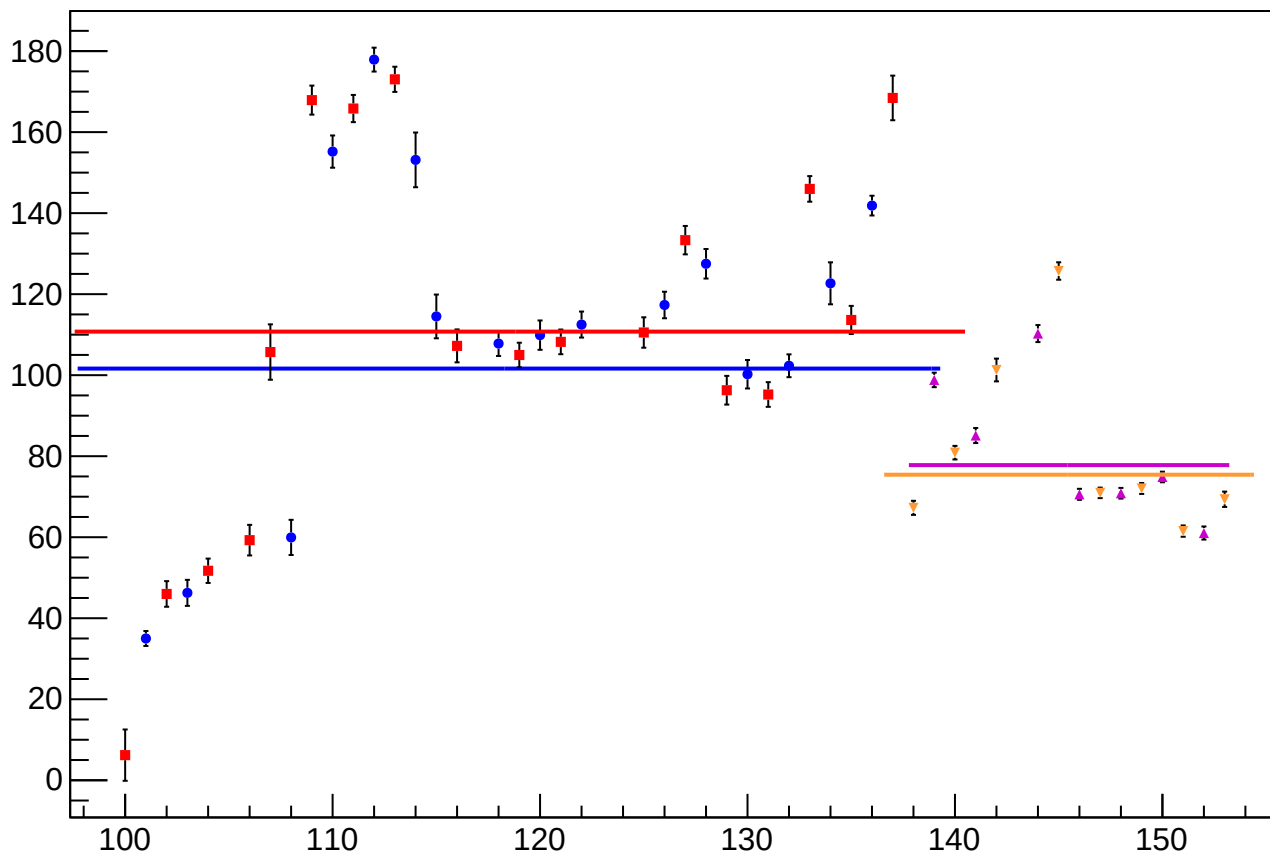
Left In: 5.017 ± 0.389 $\chi^2/\text{NDF}: 124.6/6$

+ sign 4.866 ± 0.280 $\chi^2/\text{NDF}: 645.8/23$

All: 5.565 ± 0.203 $\chi^2/\text{NDF}: 1218.7/48$

- sign 6.340 ± 0.295 $\chi^2/\text{NDF}: 559.7/24$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 75.433 $\pm$ 0.581 χ^2 /NDF:789.7/7

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

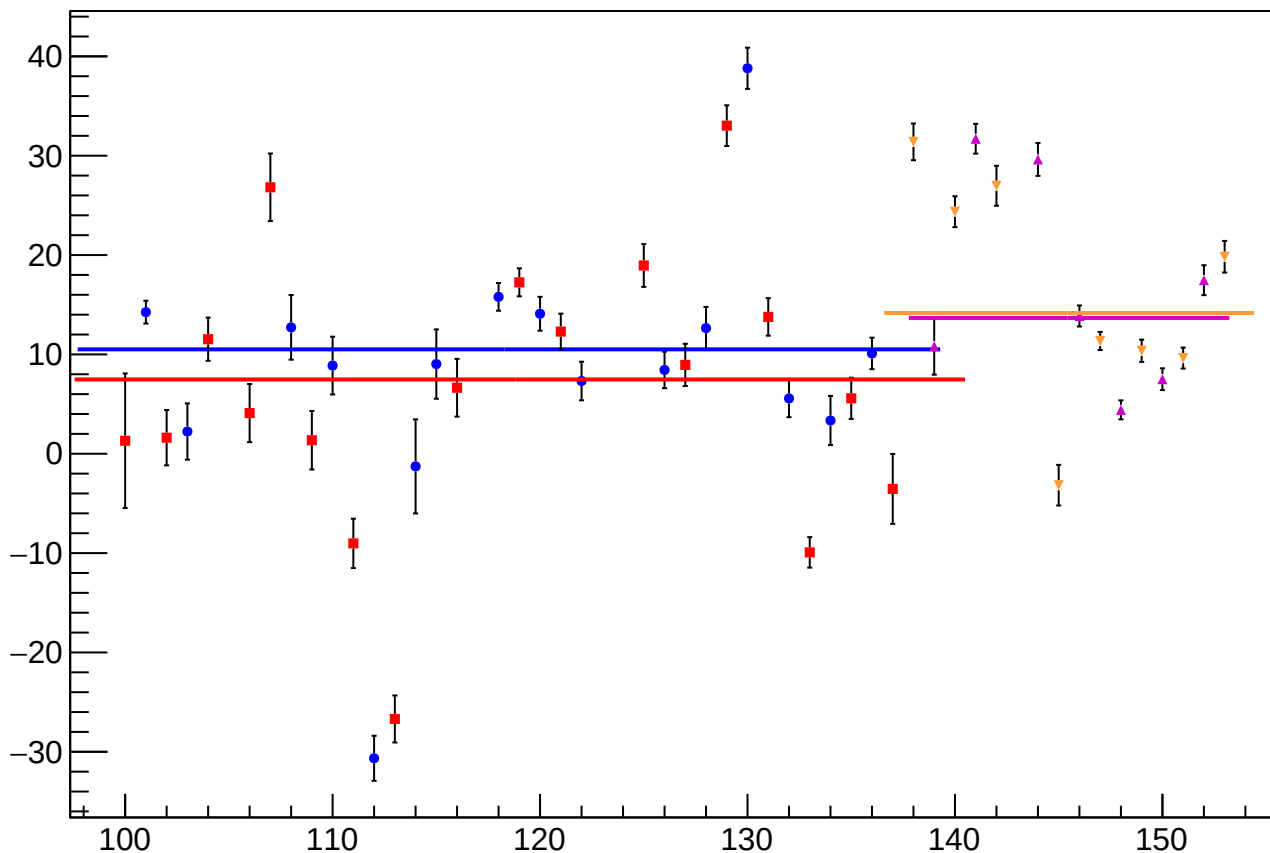
Left In: 77.802 $\pm$ 0.586 χ^2 /NDF:560.5/6

+ sign 84.381 $\pm$ 0.472 χ^2 /NDF: 4462.6/23

All: 86.484 $\pm$ 0.336 χ^2 /NDF: 8617.7/48

- sign 88.663 $\pm$ 0.480 χ^2 /NDF: 4114.7/24

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 14.172 $\pm$ 0.472 χ^2 /NDF: 294.6/7

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

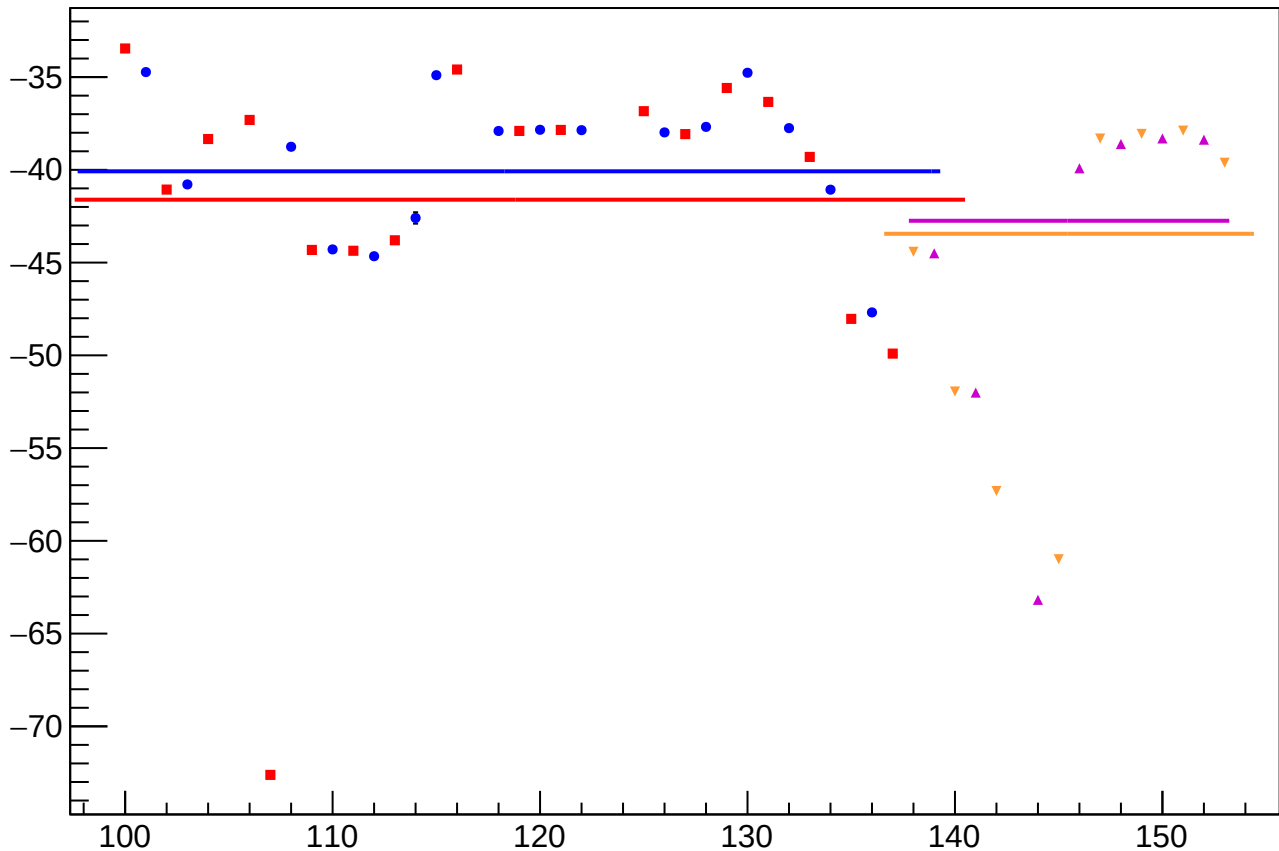
Left In: 13.670 $\pm$ 0.488 χ^2 /NDF: 370.1/6

+ sign 12.416 $\pm$ 0.341 χ^2 /NDF: 905.0/23

All: 11.643 $\pm$ 0.246 χ^2 /NDF: 2050.1/48

- sign 10.793 $\pm$ 0.357 χ^2 /NDF: 1134.2/24

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 $\pm$ 0.028 χ^2/NDF : 25123.9/15

Left Out: -43.447 $\pm$ 0.025 χ^2/NDF : 98086.6/7

Right Out: -41.609 $\pm$ 0.029 χ^2/NDF : 61784.6/17

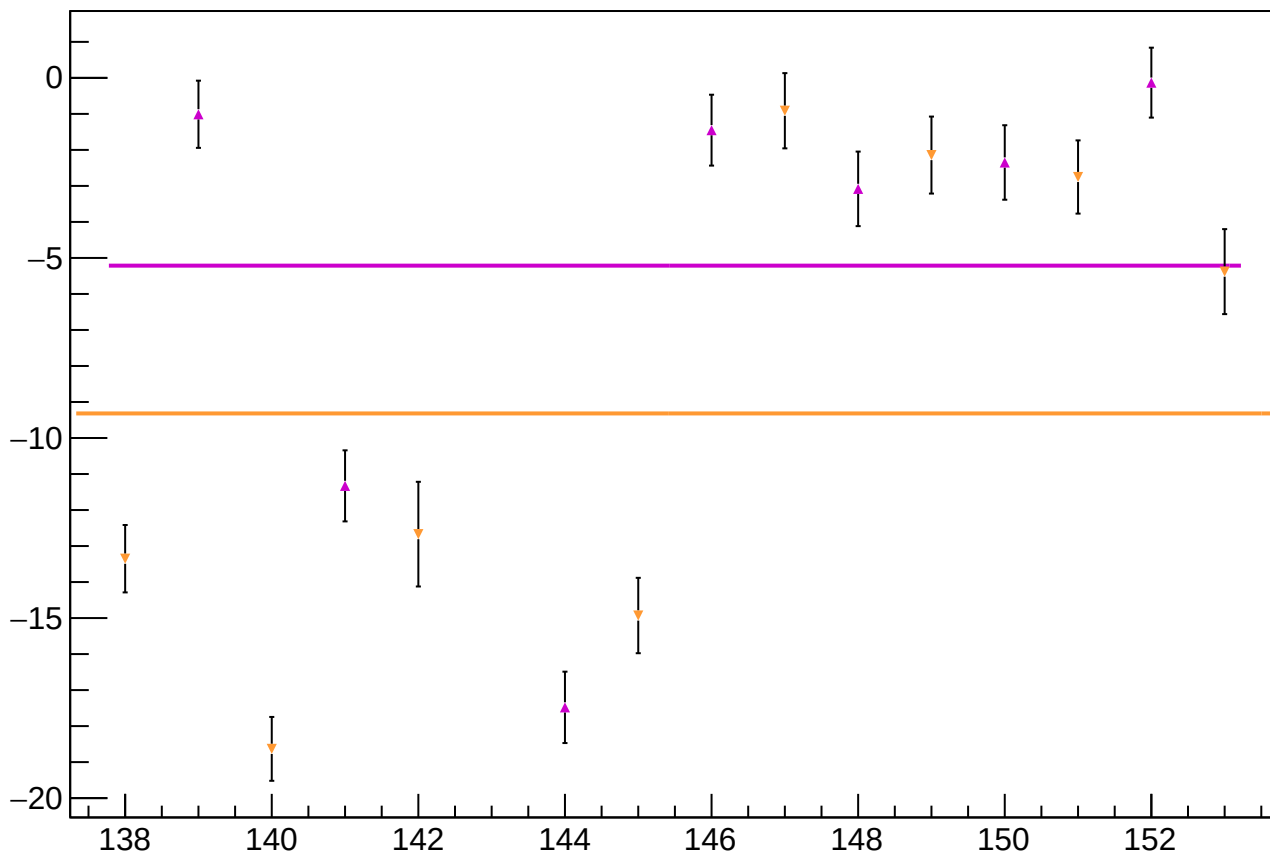
Left In: -42.745 $\pm$ 0.024 χ^2/NDF : 83426.9/6

+ sign -41.996 $\pm$ 0.019 χ^2/NDF : 131326.2/23

All: -42.130 $\pm$ 0.013 χ^2/NDF : 277555.6/48

- sign -42.265 $\pm$ 0.019 χ^2/NDF : 146123.9/24

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -9.318+/-0.371 χ^2/NDF : 325.6/7

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

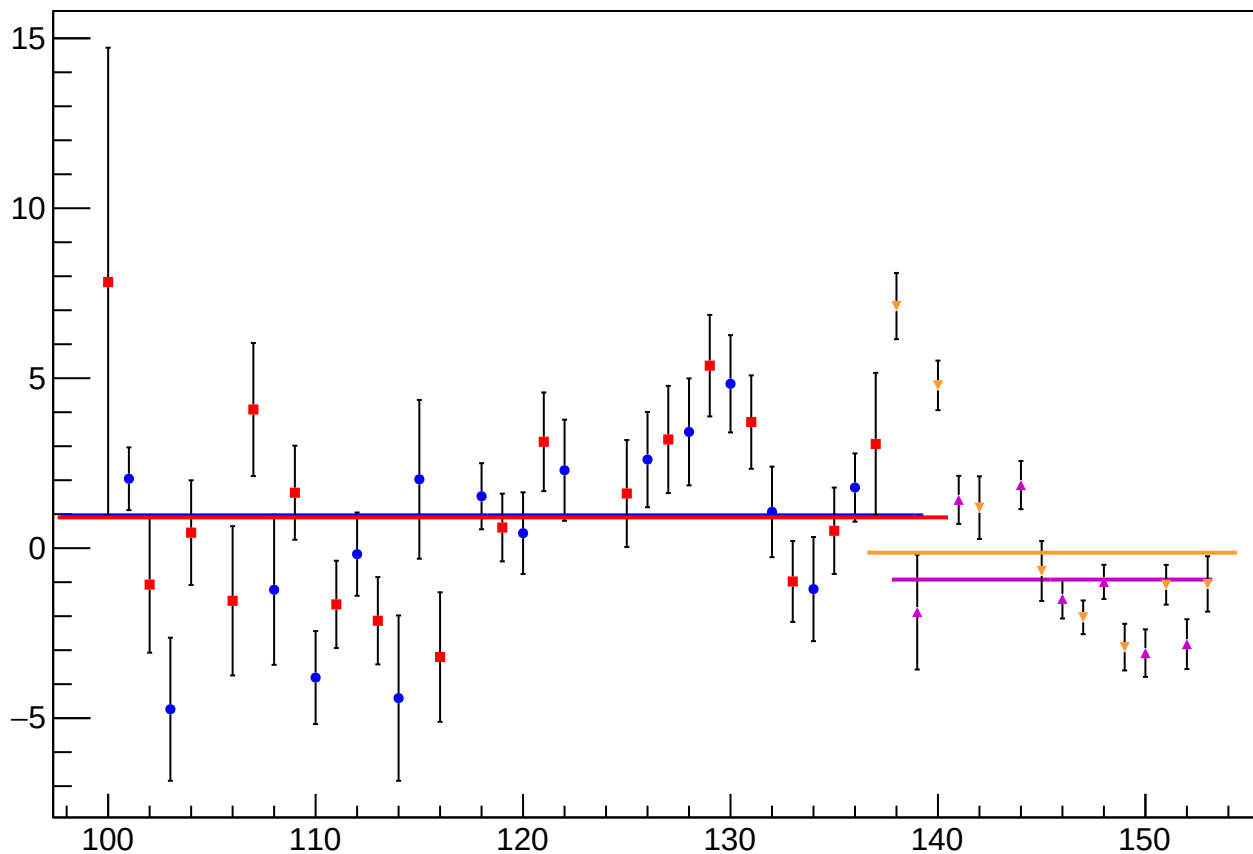
Left In: -5.214+/-0.374 χ^2/NDF : 265.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.283+/-0.263 χ^2/NDF : 652.2/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: -0.132 ± 0.250 χ^2/NDF : 138.4/7

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

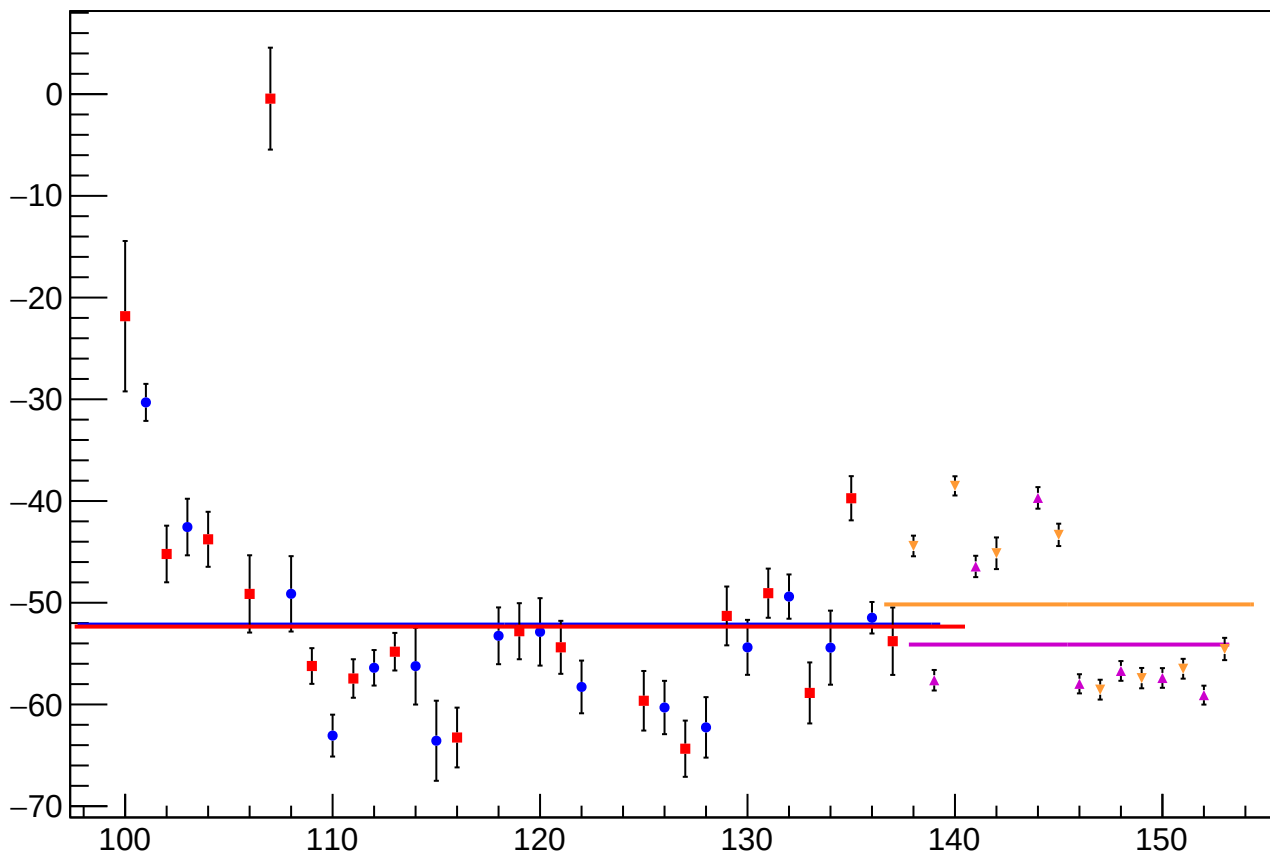
Left In: -0.924 ± 0.257 χ^2/NDF : 44.0/6

+ sign 0.255 ± 0.201 χ^2/NDF : 188.2/23

All: -0.009 ± 0.144 χ^2/NDF : 295.3/48

- sign -0.293 ± 0.208 χ^2/NDF : 103.5/24

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -50.165 ± 0.371 χ^2/NDF : 418.0/7

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

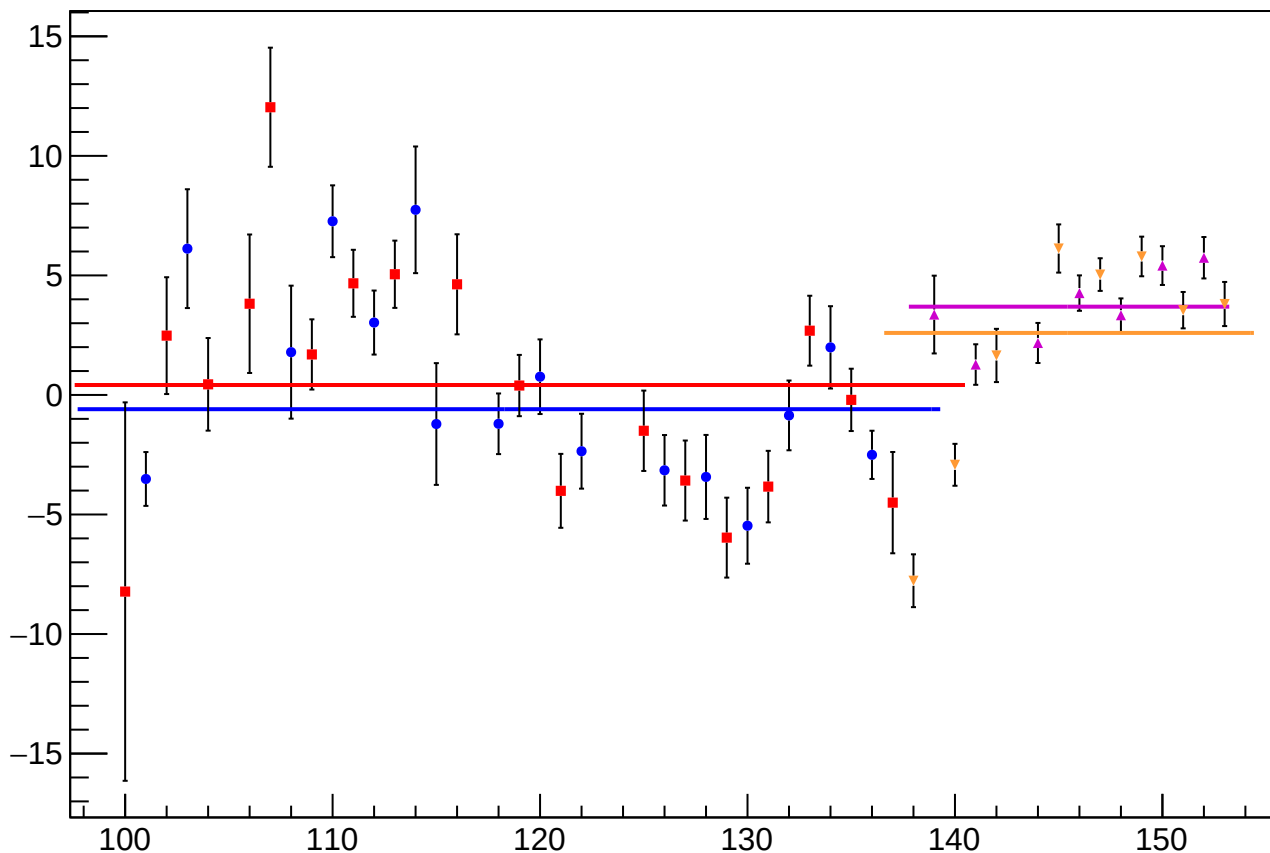
Left In: -54.111 ± 0.373 χ^2/NDF : 314.6/6

+ sign -50.697 ± 0.317 χ^2/NDF : 655.9/23

All: -52.159 ± 0.225 χ^2/NDF : 1255.0/48

- sign -53.637 ± 0.319 χ^2/NDF : 556.4/24

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 2.594 ± 0.310 χ^2/NDF : 171.5/7

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

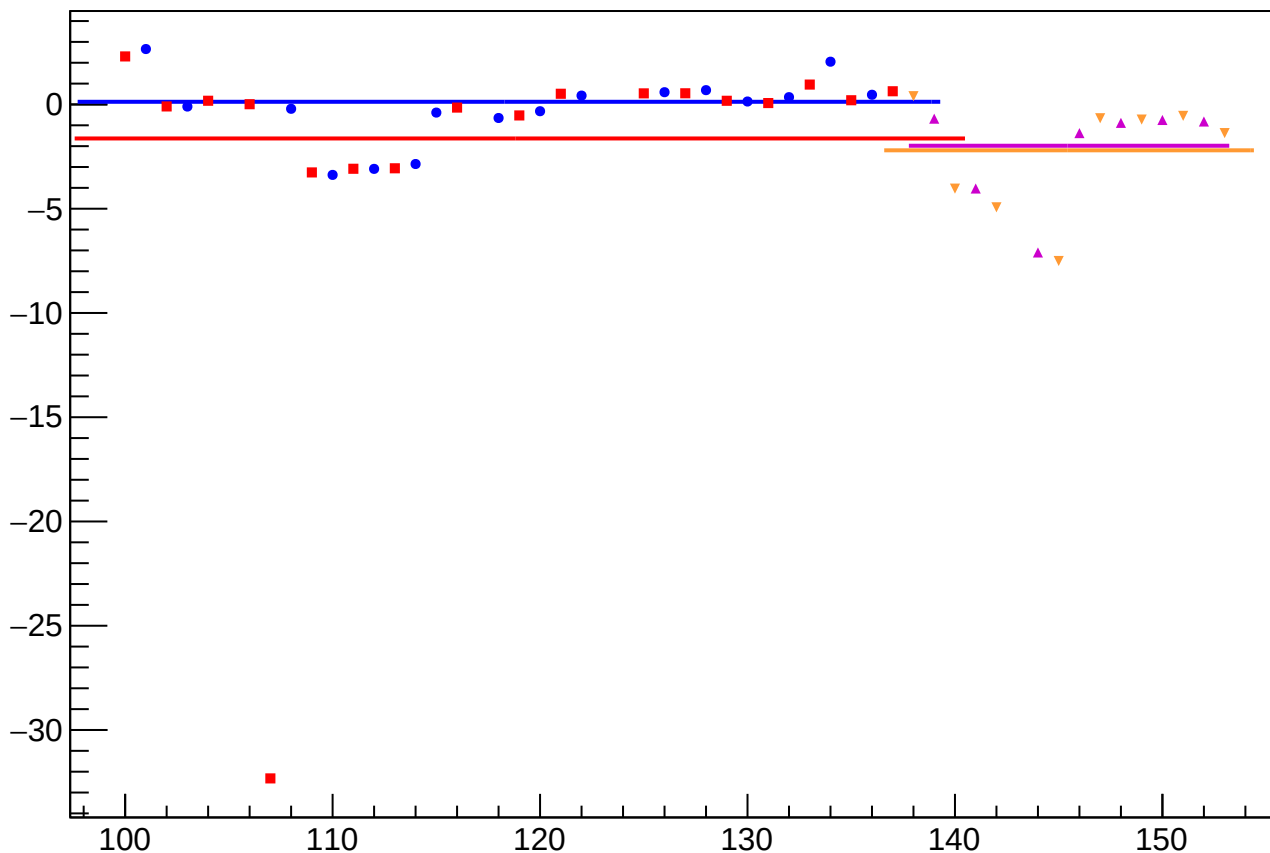
Left In: 3.693 ± 0.318 χ^2/NDF : 22.4/6

+ sign 1.335 ± 0.241 χ^2/NDF : 296.0/23

All: 1.862 ± 0.173 χ^2/NDF : 465.1/48

- sign 2.422 ± 0.249 χ^2/NDF : 159.3/24

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -2.199 ± 0.015 $\chi^2/\text{NDF}: 27569.2/7$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

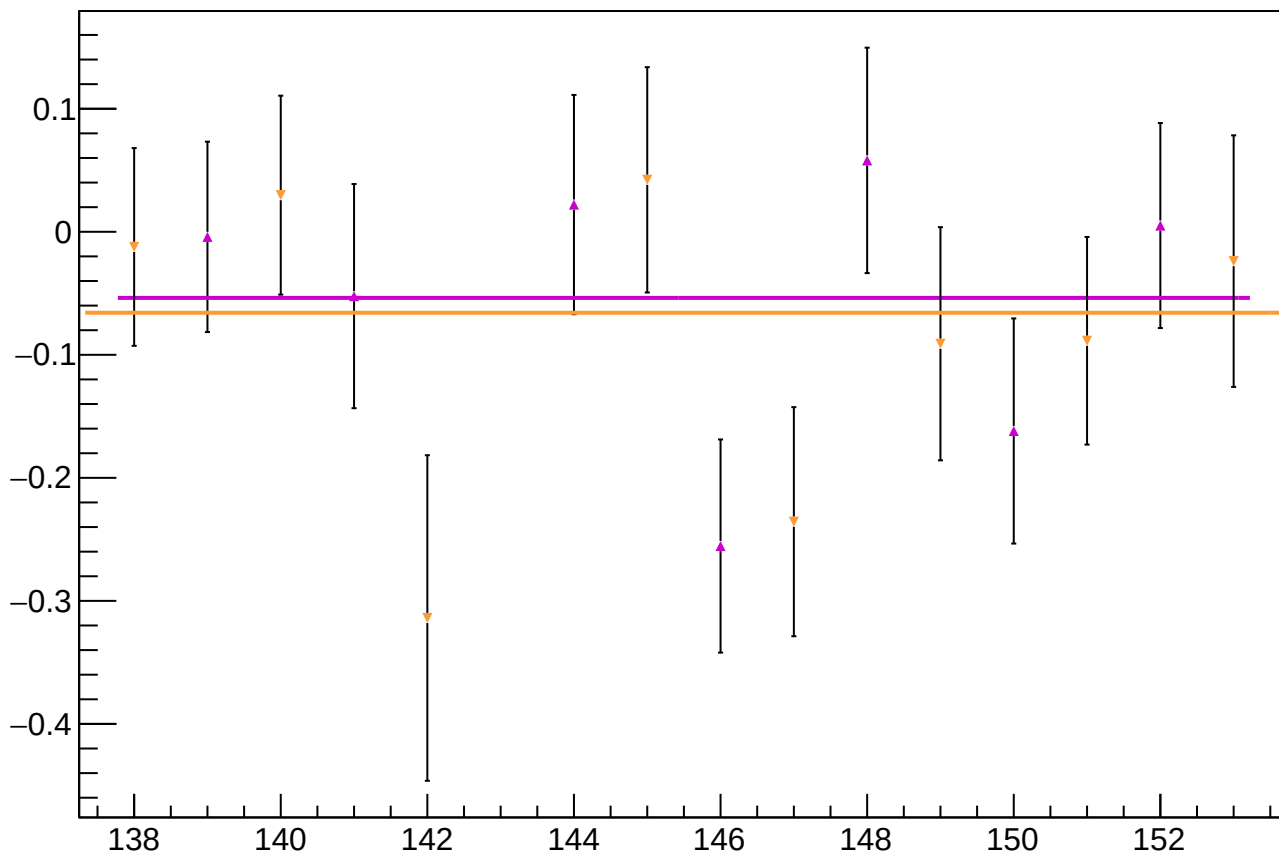
Left In: -1.980 ± 0.015 $\chi^2/\text{NDF}: 18644.6/6$

+ sign -1.414 ± 0.012 $\chi^2/\text{NDF}: 40590.6/23$

All: -1.637 ± 0.009 $\chi^2/\text{NDF}: 137929.2/48$

- sign -1.864 ± 0.013 $\chi^2/\text{NDF}: 96694.1/24$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.066+/-0.032 χ^2/NDF : 10.4/7

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

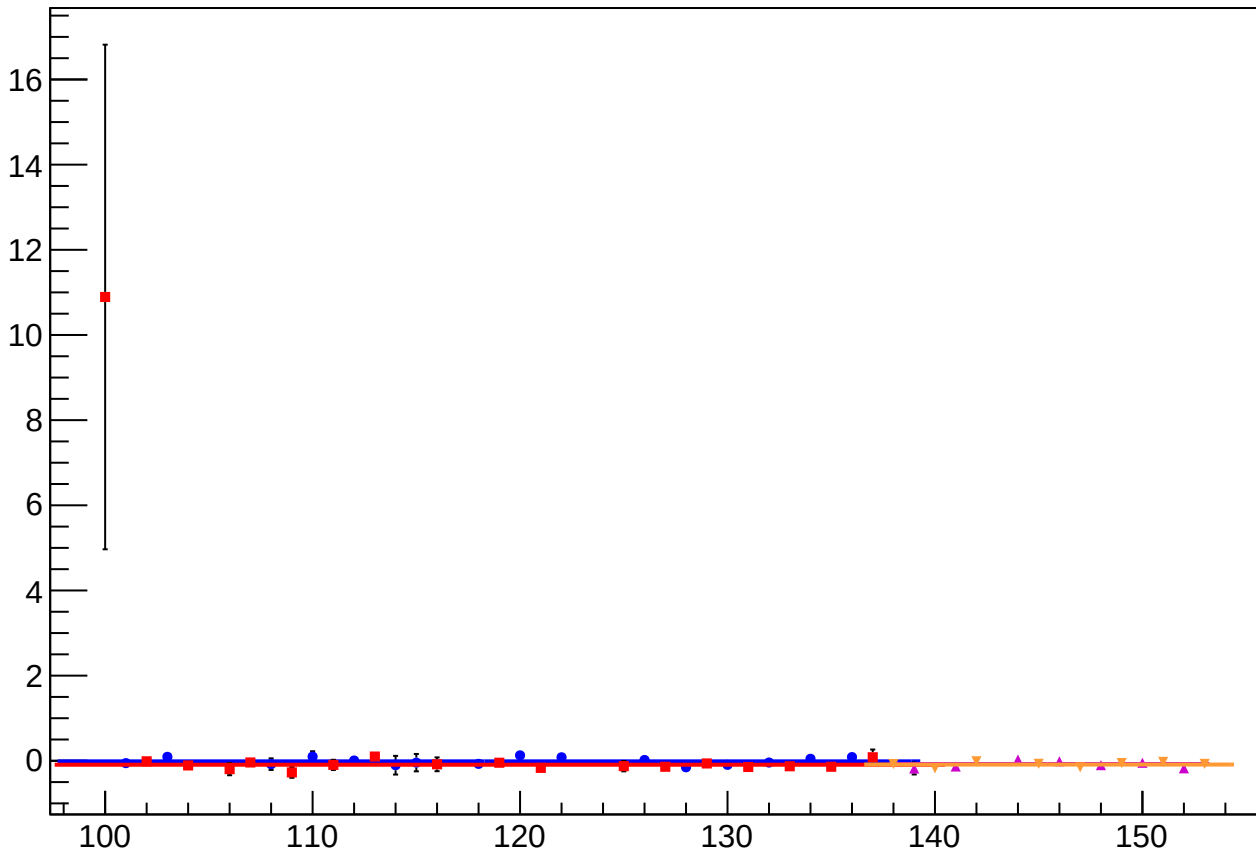
Left In: -0.054+/-0.033 χ^2/NDF : 9.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.060+/-0.023 χ^2/NDF : 20.4/14

- 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: -0.088 ± 0.022 χ^2/NDF : 7.0/7

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

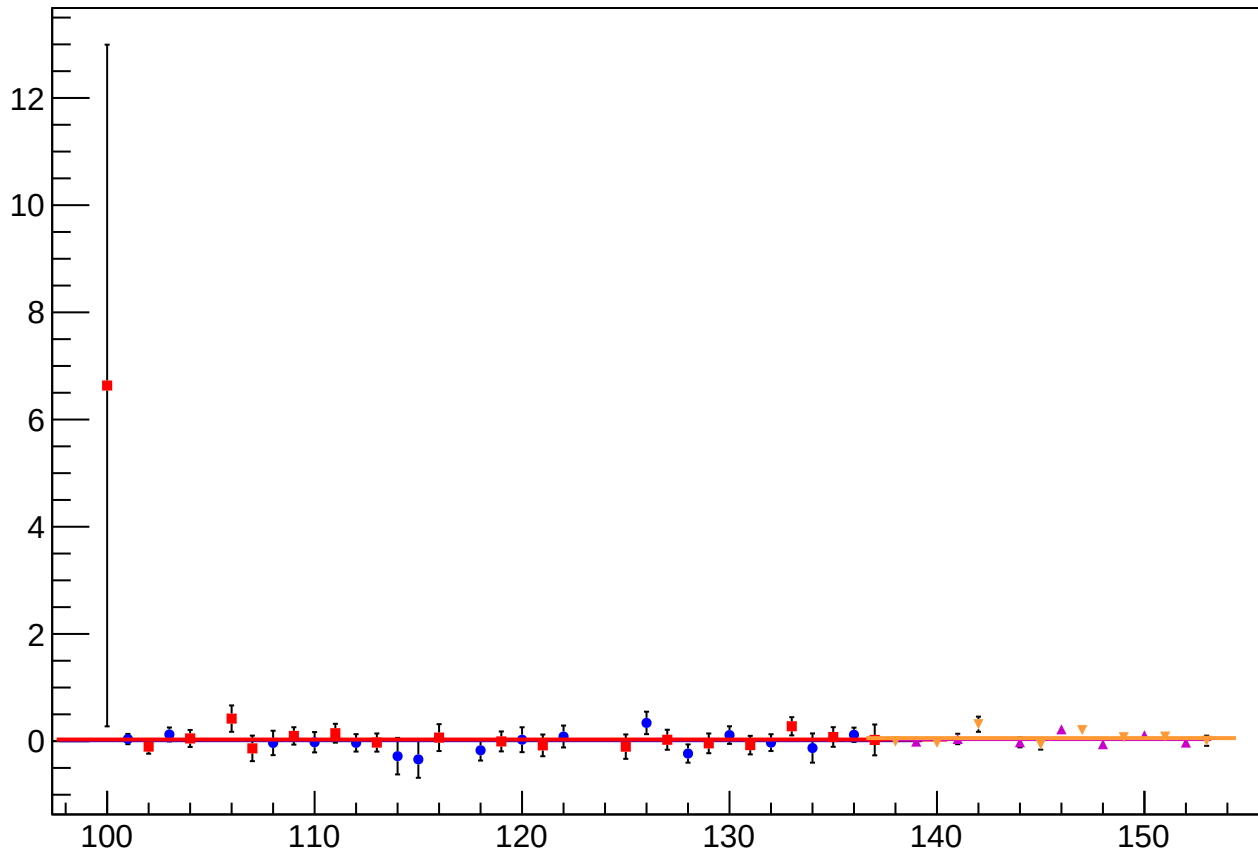
Left In: -0.076 ± 0.023 χ^2/NDF : 8.7/6

+ sign -0.053 ± 0.016 χ^2/NDF : 24.8/23

All: -0.067 ± 0.012 χ^2/NDF : 48.2/48

- sign -0.083 ± 0.017 χ^2/NDF : 21.7/24

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.056 ± 0.032 χ^2/NDF : 9.9/7

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

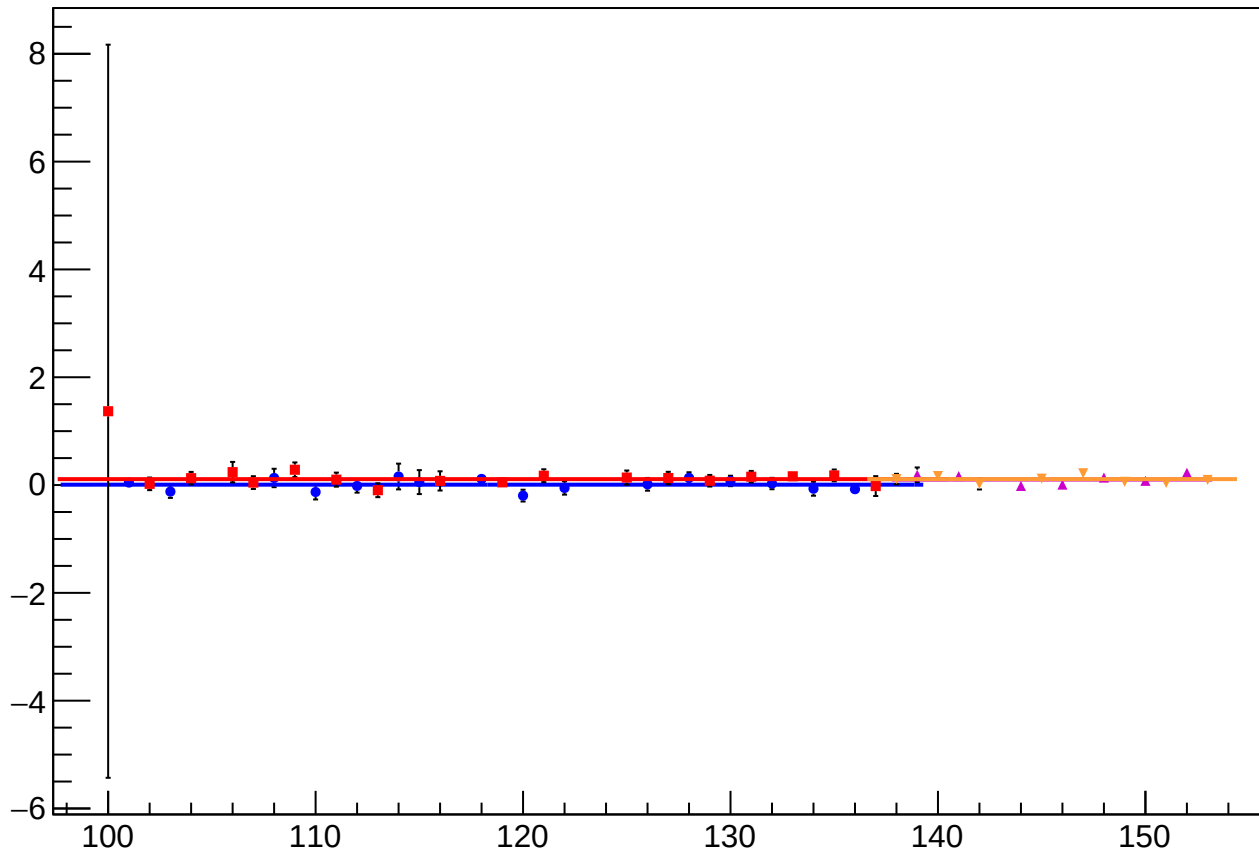
Left In: 0.039 ± 0.033 χ^2/NDF : 8.1/6

+ sign 0.042 ± 0.026 χ^2/NDF : 20.0/23

All: 0.039 ± 0.019 χ^2/NDF : 37.4/48

- sign 0.036 ± 0.026 χ^2/NDF : 17.4/24

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.110 ± 0.027 χ^2/NDF : 6.3/7

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

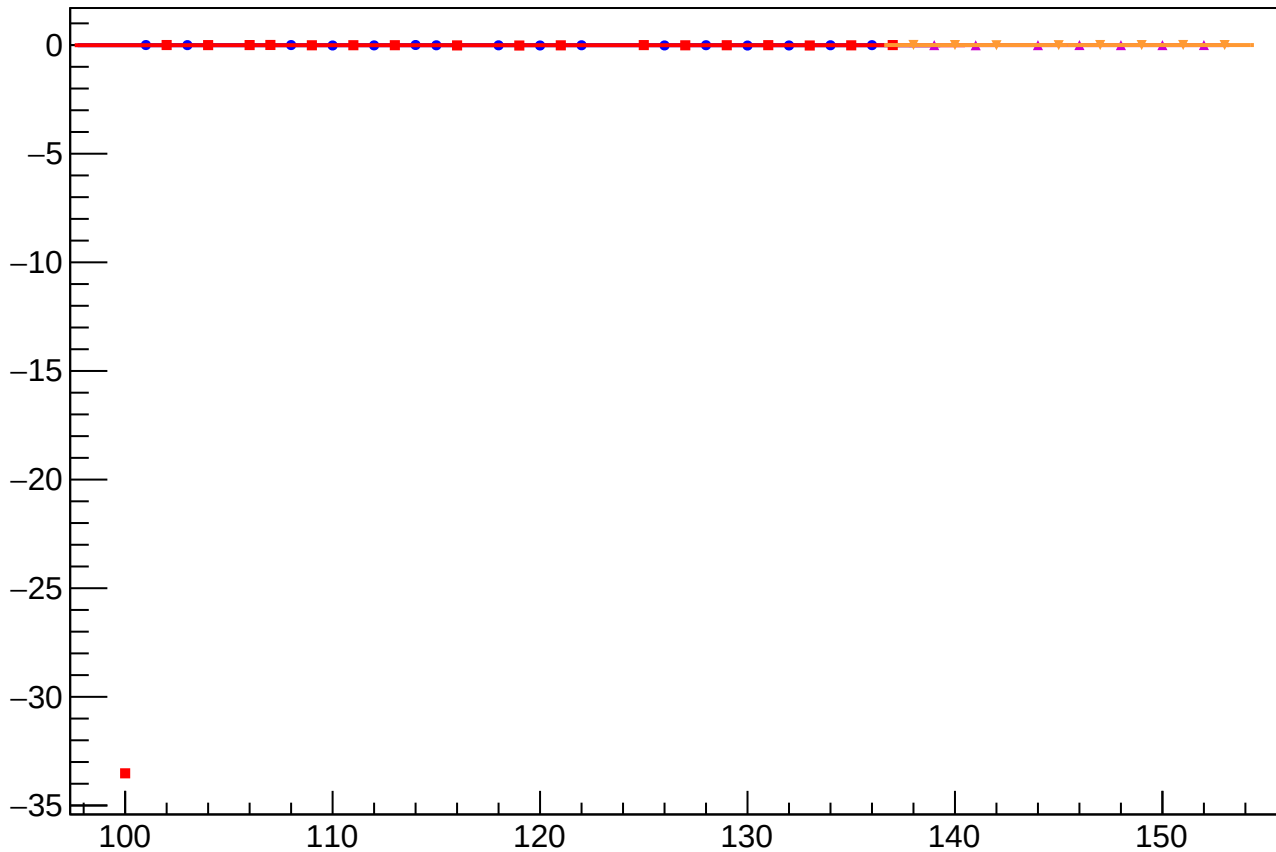
Left In: 0.102 ± 0.028 χ^2/NDF : 8.9/6

+ sign 0.058 ± 0.019 χ^2/NDF : 25.7/23

All: 0.081 ± 0.014 χ^2/NDF : 45.6/48

- sign 0.106 ± 0.020 χ^2/NDF : 16.9/24

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 : 6.6/7

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

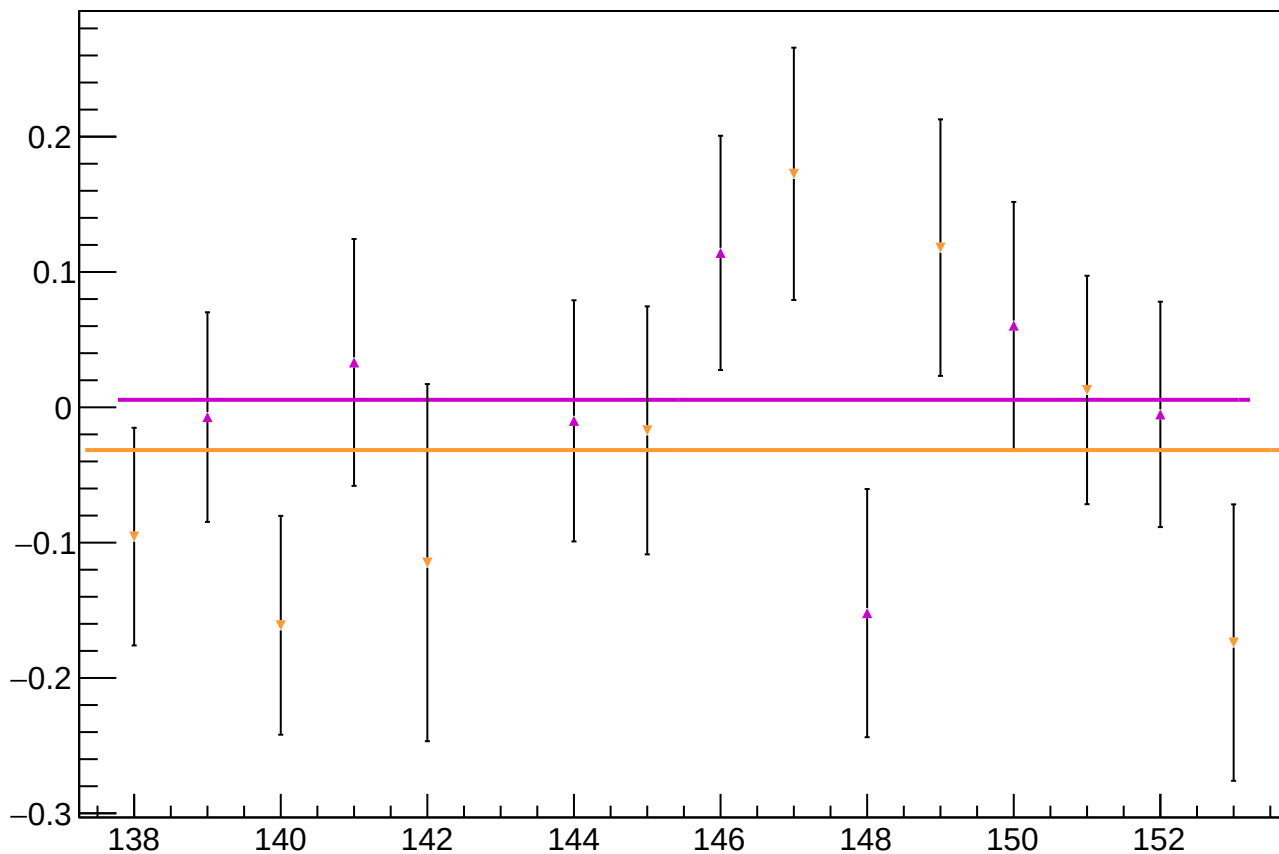
Left In: -0.001 ± 0.001 χ^2/NDF : 4.5/6

+ sign -0.002 ± 0.001 χ^2/NDF : 39.2/23

All: -0.003 ± 0.001 χ^2/NDF : 26559.7/48

- sign -0.003 ± 0.001 χ^2/NDF : 26519.8/24

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.032 $\pm$ 0.033 χ^2 /NDF:13.1/7

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

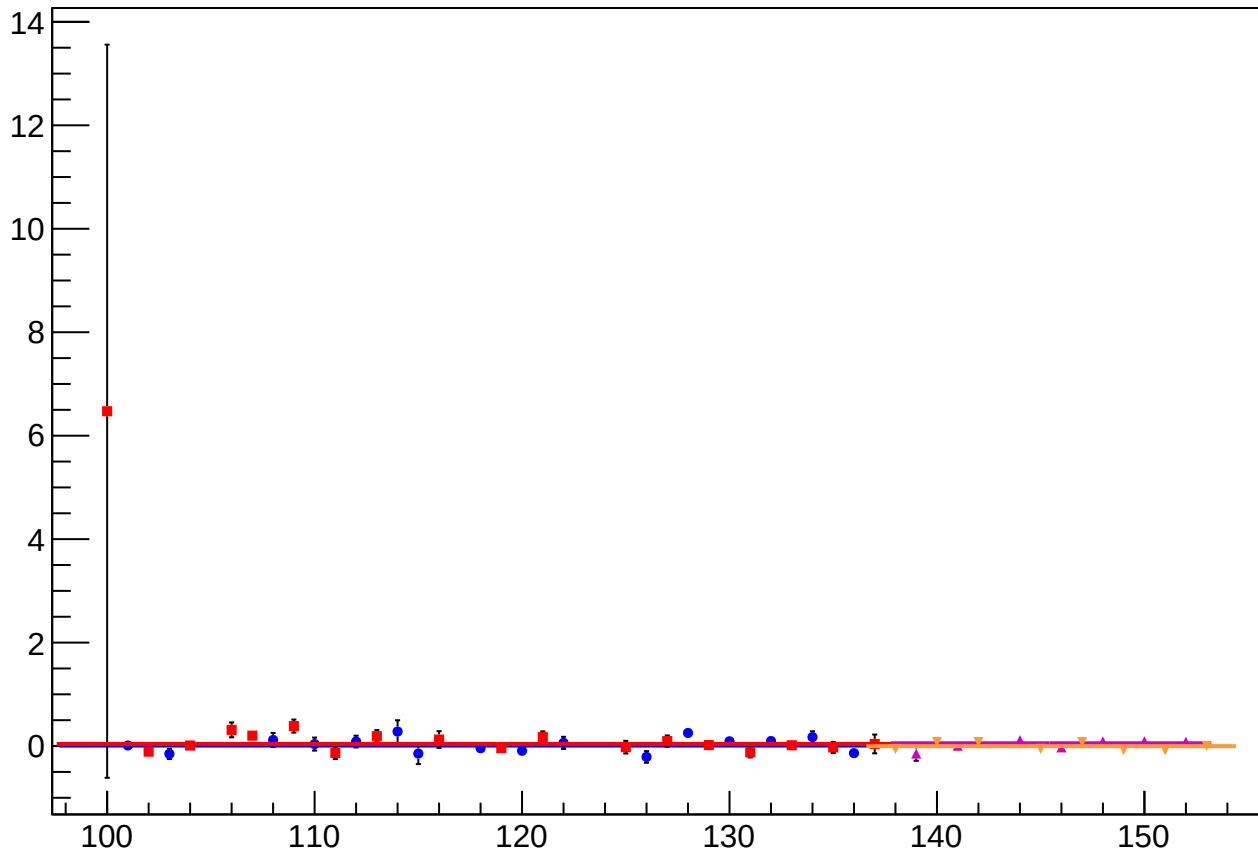
Left In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

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

All: -0.013 $\pm$ 0.023 χ^2 /NDF: 18.8/14

- 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: -0.002 ± 0.022 χ^2/NDF : 10.6/7

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

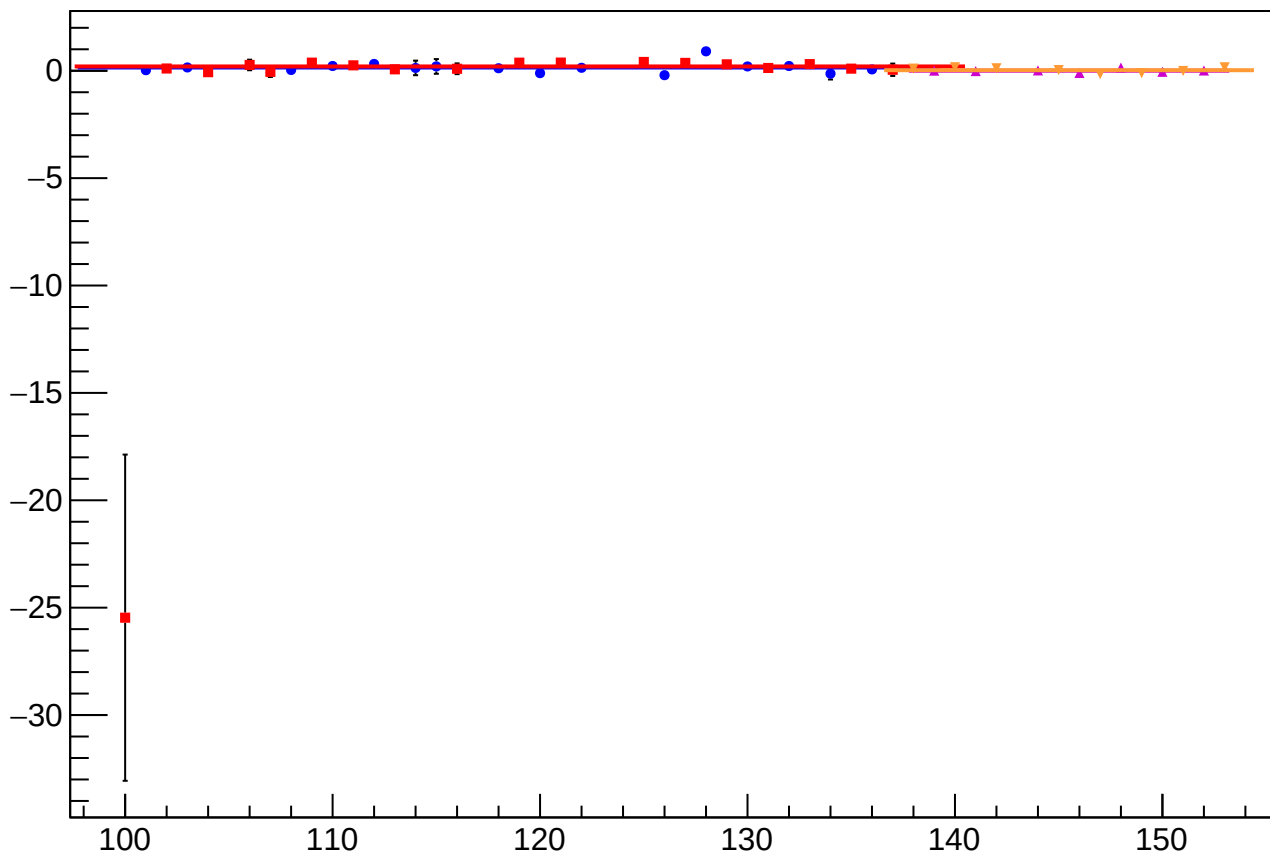
Left In: 0.054 ± 0.023 χ^2/NDF : 7.1/6

+ sign 0.004 ± 0.016 χ^2/NDF : 36.2/23

All: 0.025 ± 0.012 χ^2/NDF : 74.9/48

- sign 0.048 ± 0.017 χ^2/NDF : 35.2/24

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.026 ± 0.032 χ^2/NDF : 12.9/7

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

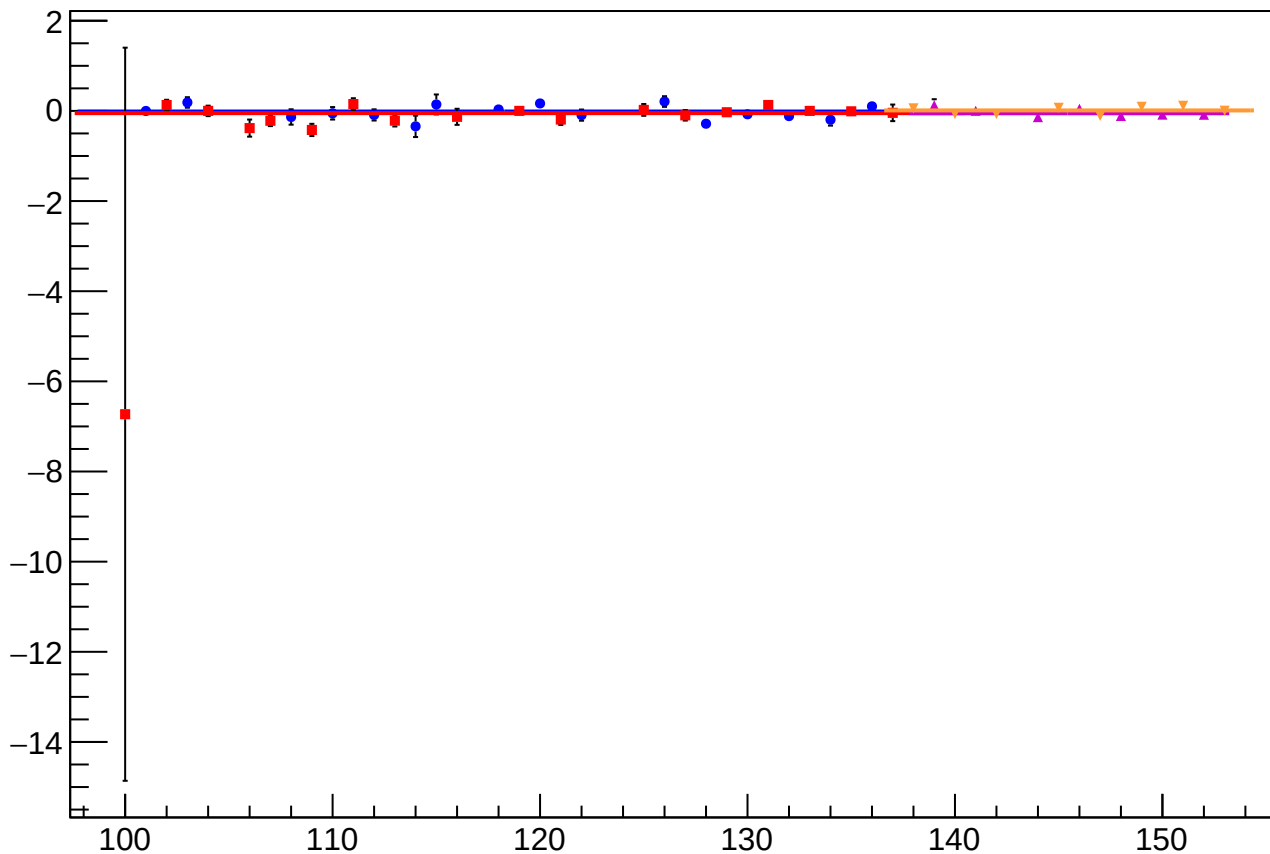
Left In: 0.002 ± 0.033 χ^2/NDF : 4.9/6

+ sign 0.072 ± 0.026 χ^2/NDF : 47.1/23

All: 0.071 ± 0.019 χ^2/NDF : 87.6/48

- sign 0.071 ± 0.026 χ^2/NDF : 40.5/24

reg asym ds dd diff bpm4eY slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.011 ± 0.027 $\chi^2/\text{NDF}: 10.1/7$

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

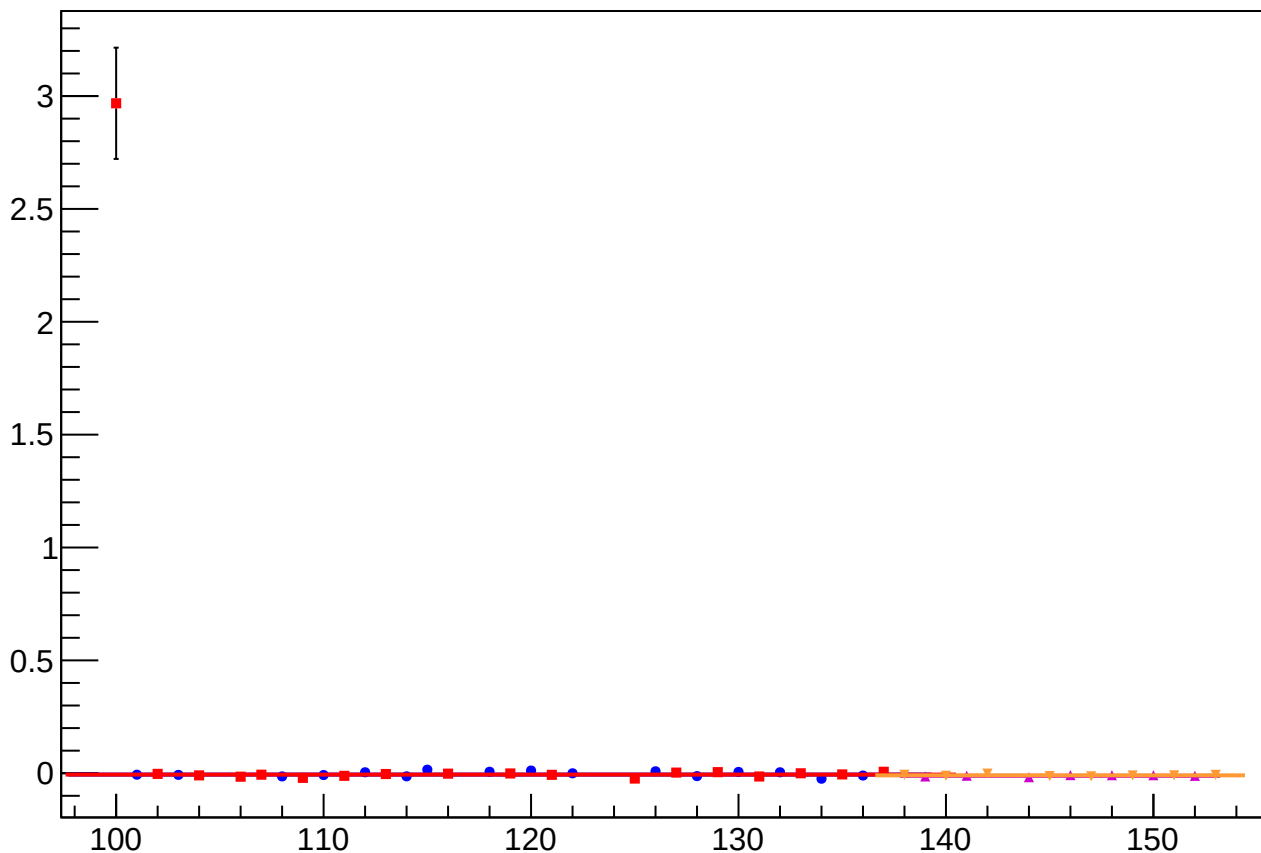
Left In: -0.052+/-0.028 $\chi^2/\text{NDF}: 7.1/6$

+ sign -0.002 ± 0.019 χ^2/NDF : 35.7/23

All: -0.025 ± 0.014 χ^2/NDF : 71.7/48

- sign -0.051 ± 0.020 χ^2/NDF : 32.9/24

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 4.9/7

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

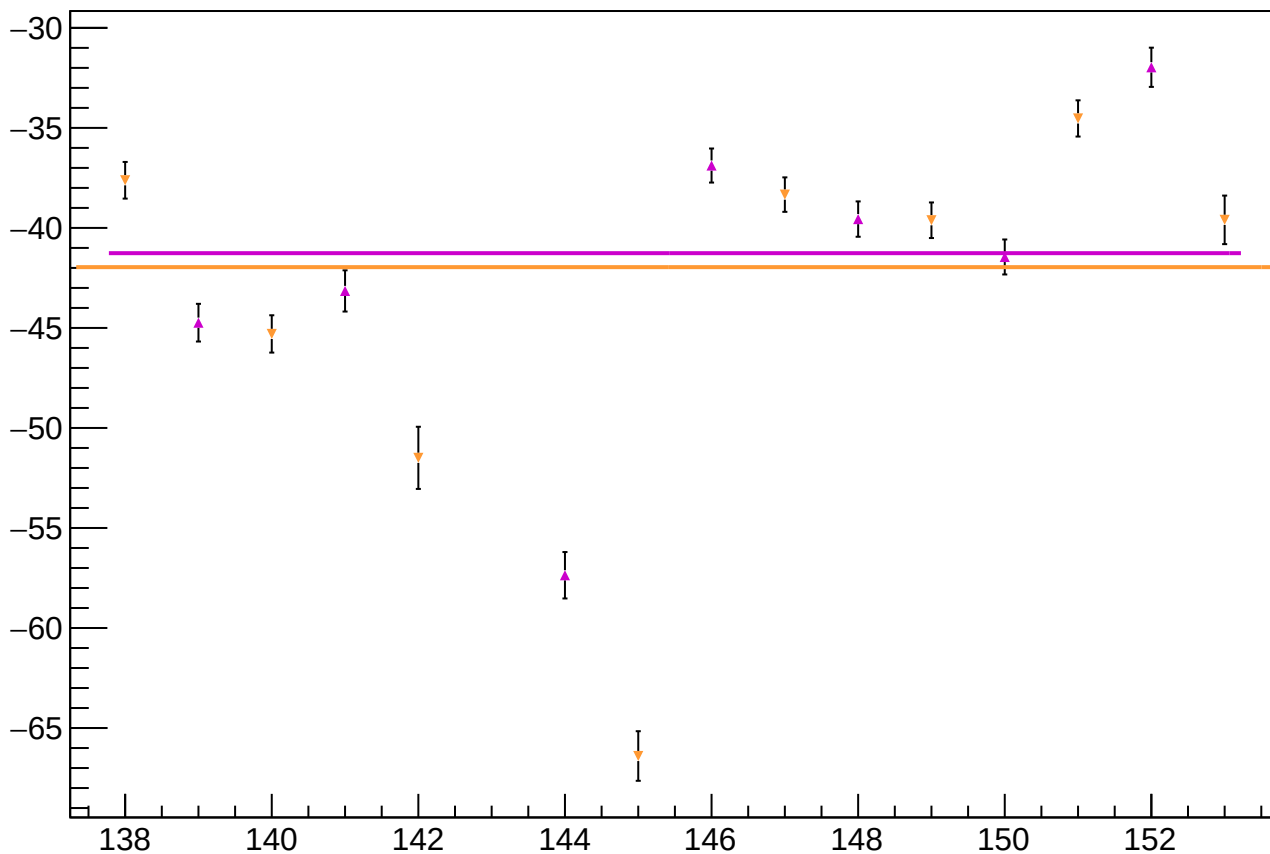
Left In: -0.012 ± 0.001 χ^2/NDF : 4.8/6

+ sign -0.008 ± 0.001 χ^2/NDF : 36.7/23

All: -0.008 ± 0.001 χ^2/NDF : 215.8/48

- sign -0.009 ± 0.001 χ^2/NDF : 178.4/24

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.961+/-0.355 χ^2/NDF : 557.4/7

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

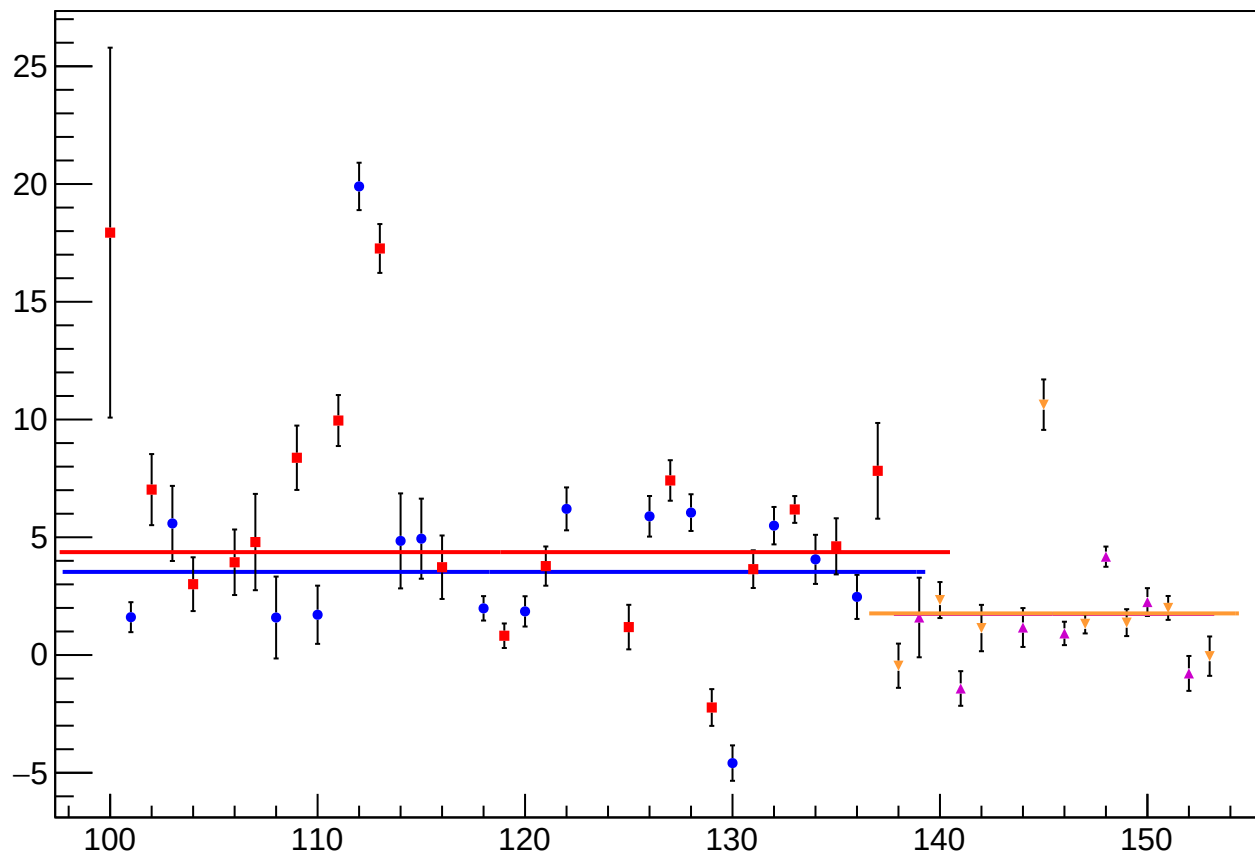
Left In: -41.263+/-0.358 χ^2/NDF : 329.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.614+/-0.252 χ^2/NDF : 888.9/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 χ^2/NDF : 446.6/15

Left Out: 1.767 ± 0.229 χ^2/NDF : 81.6/7

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

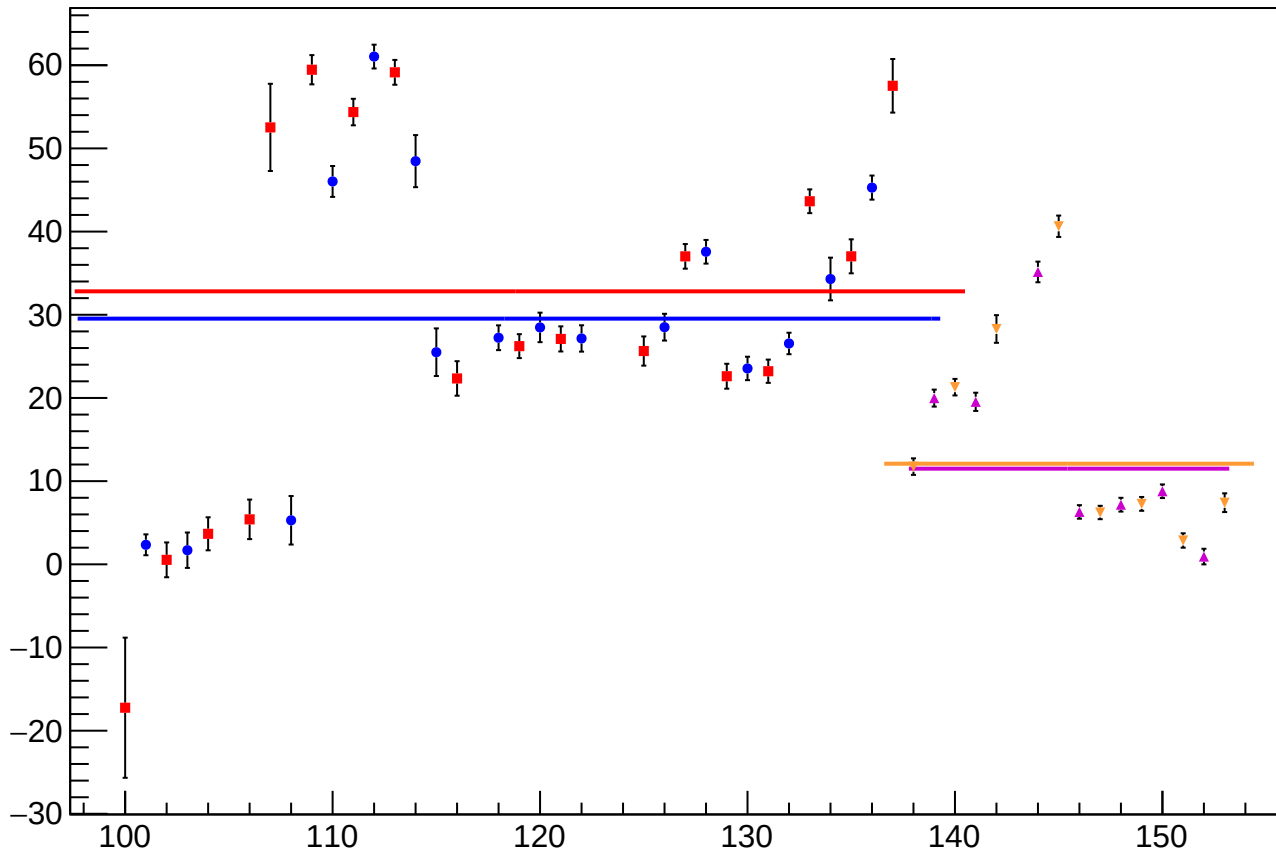
Left In: 1.742 ± 0.237 χ^2/NDF : 66.3/6

+ sign 2.693 ± 0.158 χ^2/NDF : 559.4/23

All: 2.899 ± 0.113 χ^2/NDF : 1047.6/48

- sign 3.120 ± 0.163 χ^2/NDF : 484.7/24

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 +/- 0.417 χ^2/NDF : 1494.9/15

Left Out: 12.097 +/- 0.351 χ^2/NDF : 891.2/7

Right Out: 32.816 +/- 0.423 χ^2/NDF : 1659.3/17

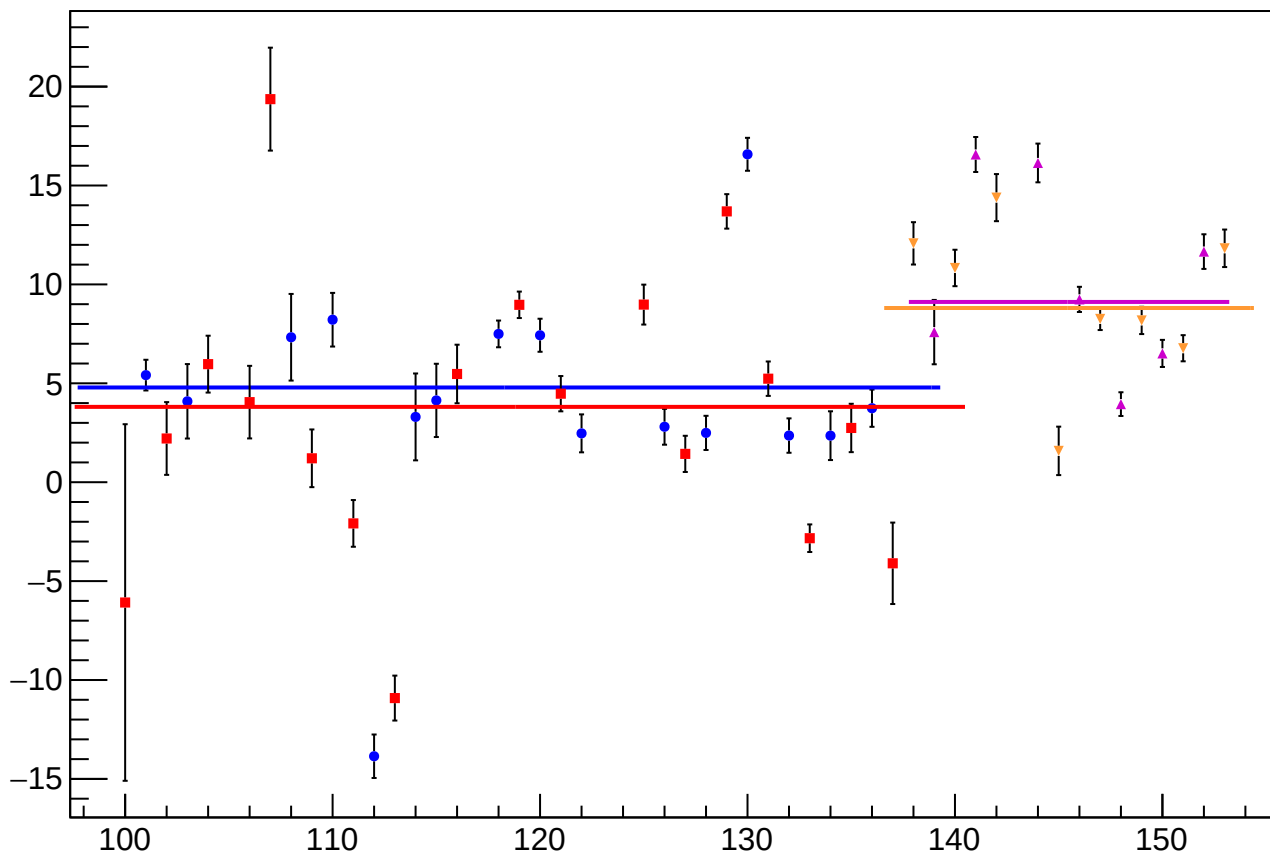
Left In: 11.499 +/- 0.353 χ^2/NDF : 691.8/6

+ sign 19.338 +/- 0.269 χ^2/NDF : 3409.8/23

All: 19.788 +/- 0.191 χ^2/NDF : 7265.2/48

- sign 20.246 +/- 0.271 χ^2/NDF : 3849.8/24

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 8.807 ± 0.288 χ^2/NDF : 92.3/7

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

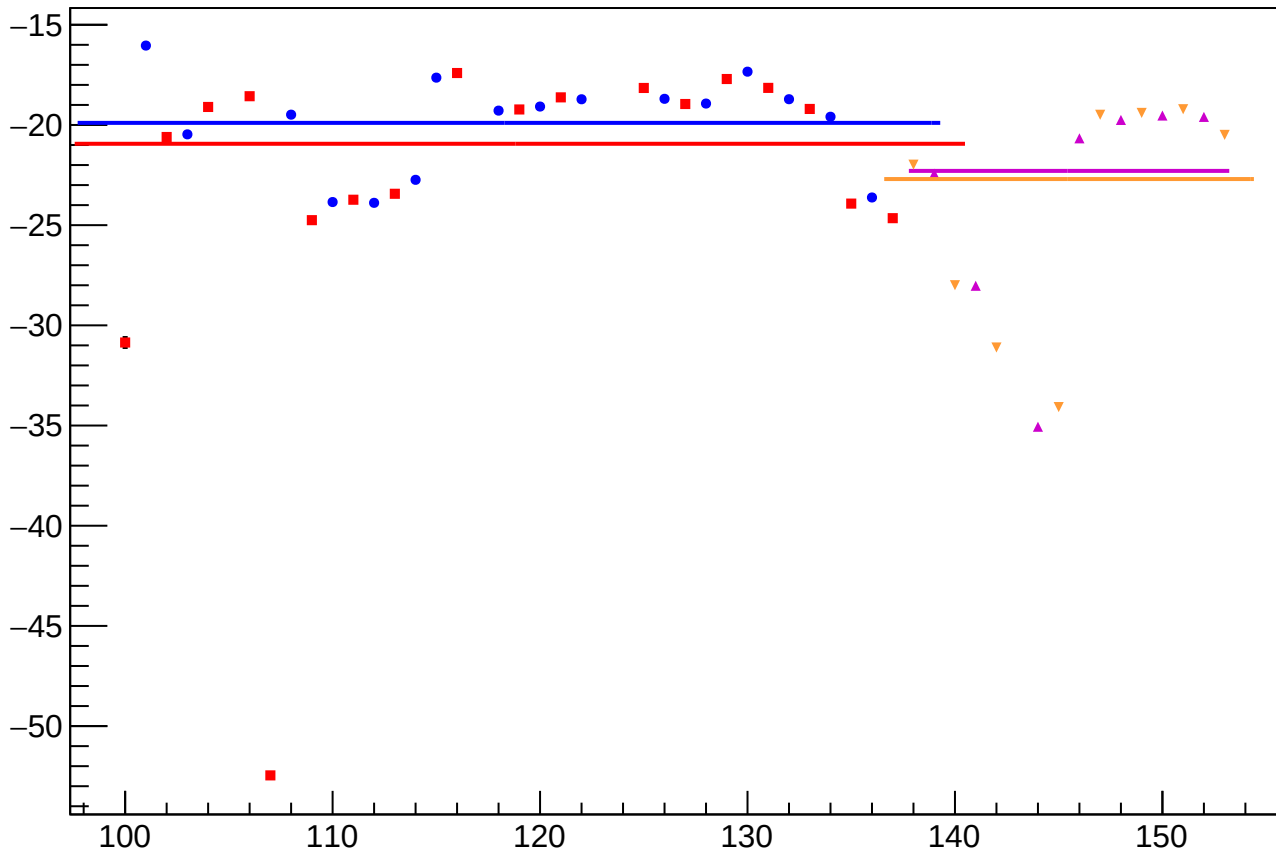
Left In: 9.113 ± 0.296 χ^2/NDF : 220.5/6

+ sign 6.527 ± 0.189 χ^2/NDF : 756.9/23

All: 6.322 ± 0.136 χ^2/NDF : 1729.2/48

- sign 6.105 ± 0.195 χ^2/NDF : 969.9/24

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF : 26073.6/15

Left Out: -22.699+/-0.015 χ^2/NDF : 108238.6/7

Right Out: -20.938+/-0.016 χ^2/NDF : 94065.2/17

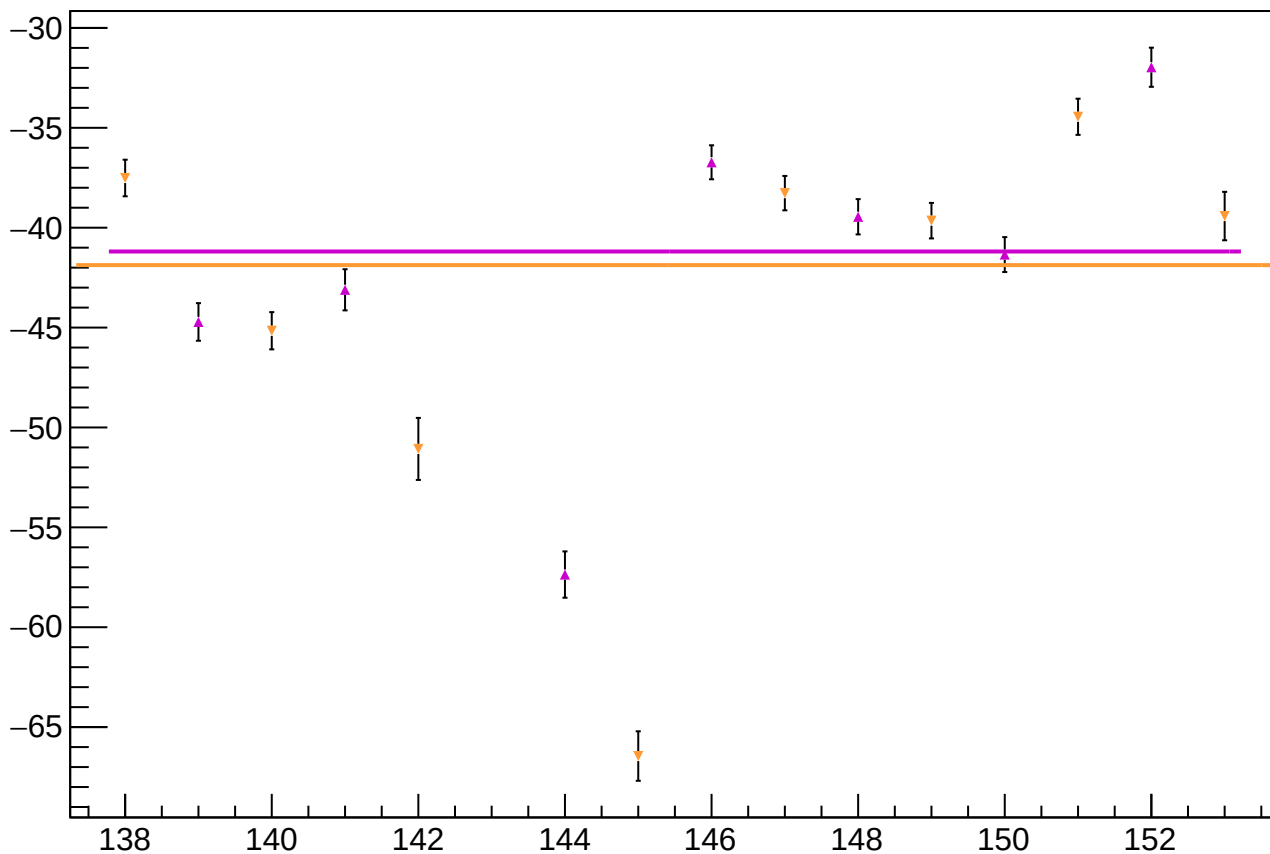
Left In: -22.292+/-0.015 χ^2/NDF : 90151.4/6

+ sign -21.372+/-0.011 χ^2/NDF : 151390.7/23

All: -21.517+/-0.008 χ^2/NDF : 339942.2/48

- sign -21.662+/-0.011 χ^2/NDF : 188184.3/24

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.873+/-0.355 χ^2/NDF : 559.0/7

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

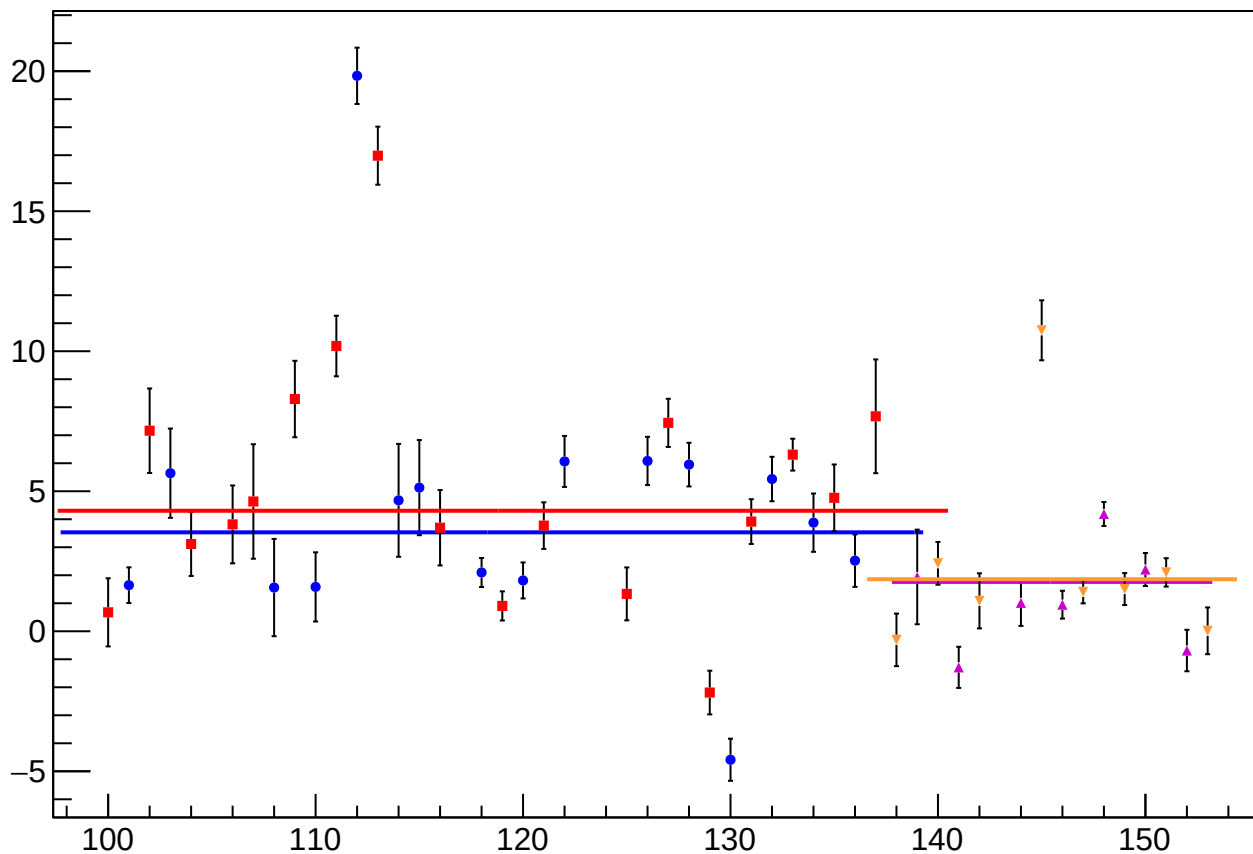
Left In: -41.191+/-0.357 χ^2/NDF : 332.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.534+/-0.252 χ^2/NDF : 892.9/14

- 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: 1.857 ± 0.229 $\chi^2/\text{NDF}: 82.1/7$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

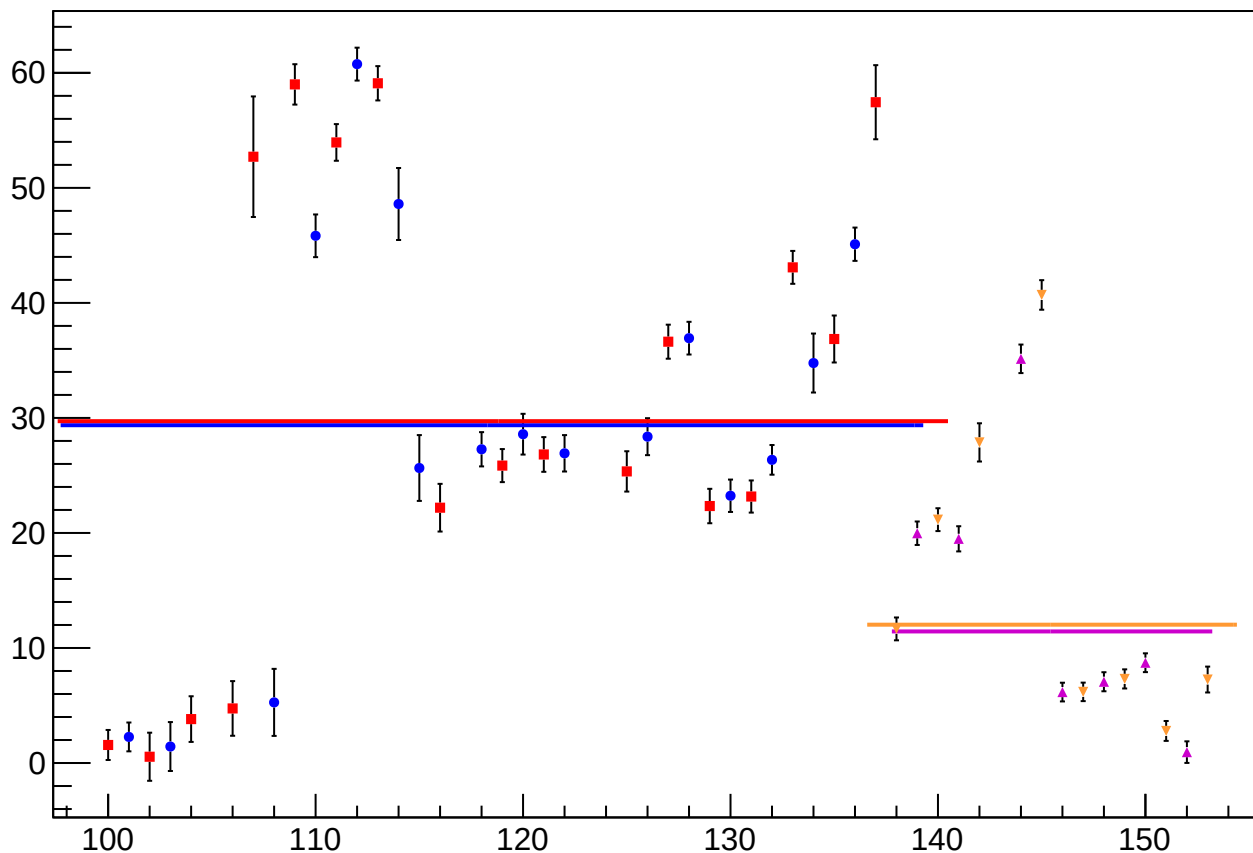
Left In: 1.763 ± 0.237 $\chi^2/\text{NDF}: 64.3/6$

+ sign 2.737 ± 0.157 $\chi^2/\text{NDF}: 553.6/23$

All: 2.922 ± 0.113 $\chi^2/\text{NDF}: 1034.9/48$

- sign 3.116 ± 0.162 $\chi^2/\text{NDF}: 478.5/24$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 12.025 $\pm$ 0.351 χ^2 /NDF: 890.0/7

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

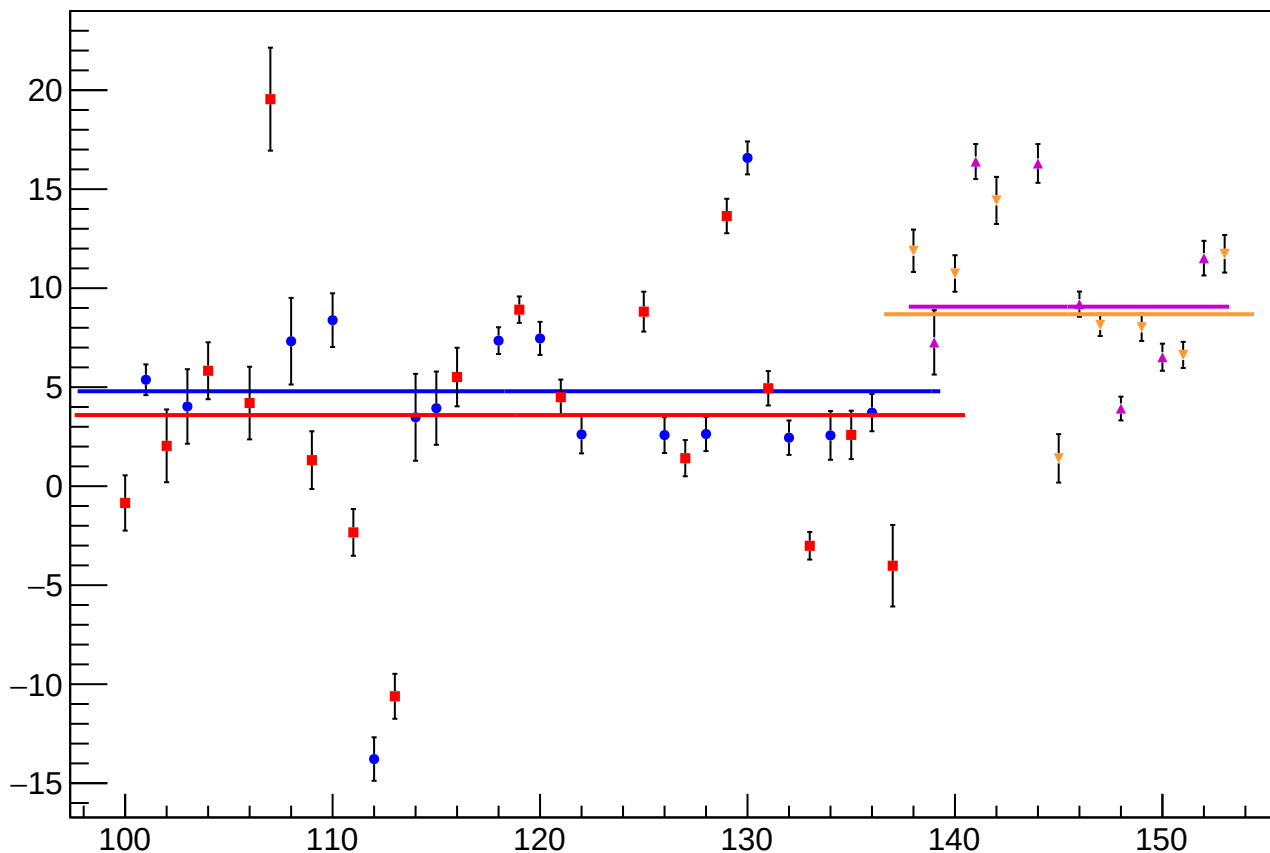
Left In: 11.438 $\pm$ 0.353 χ^2 /NDF: 695.3/6

+ sign 19.227 $\pm$ 0.268 χ^2 /NDF: 3392.4/23

All: 19.302 $\pm$ 0.189 χ^2 /NDF: 7384.9/48

- sign 19.374 $\pm$ 0.265 χ^2 /NDF: 3992.4/24

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 8.686 ± 0.288 $\chi^2/\text{NDF}: 94.6/7$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

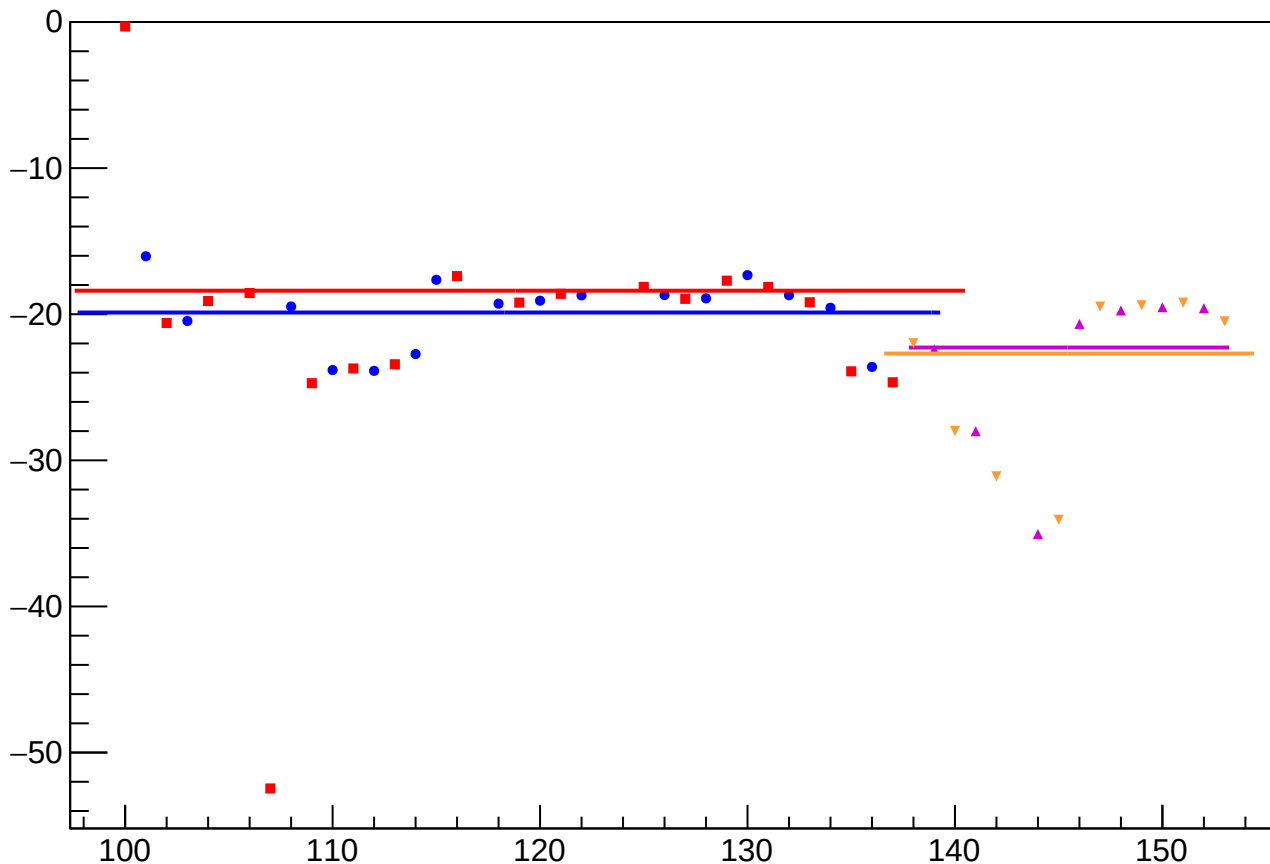
Left In: 9.065 ± 0.296 $\chi^2/\text{NDF}: 220.1/6$

+ sign 6.478 ± 0.189 $\chi^2/\text{NDF}: 748.5/23$

All: 6.203 ± 0.135 $\chi^2/\text{NDF}: 1742.7/48$

- sign 5.916 ± 0.193 $\chi^2/\text{NDF}: 989.9/24$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -22.691 ± 0.015 $\chi^2/\text{NDF}: 108298.1/7$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

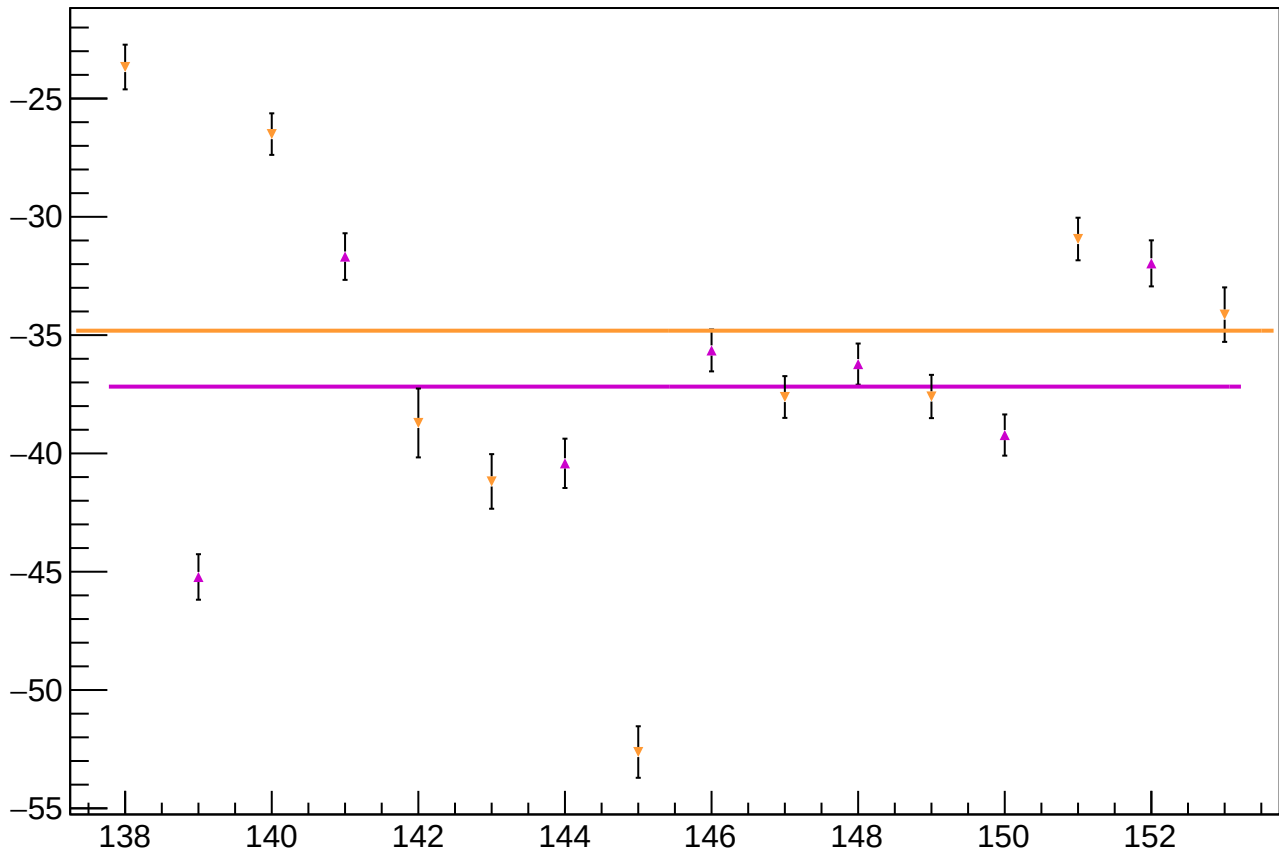
Left In: -22.280 ± 0.015 $\chi^2/\text{NDF}: 90105.3/6$

+ sign -21.362 ± 0.011 $\chi^2/\text{NDF}: 151508.2/23$

All: -20.839 ± 0.007 $\chi^2/\text{NDF}: 582540.8/48$

- sign -20.347 ± 0.010 $\chi^2/\text{NDF}: 426404.9/24$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.812+/-0.334 χ^2/NDF : 571.9/8

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

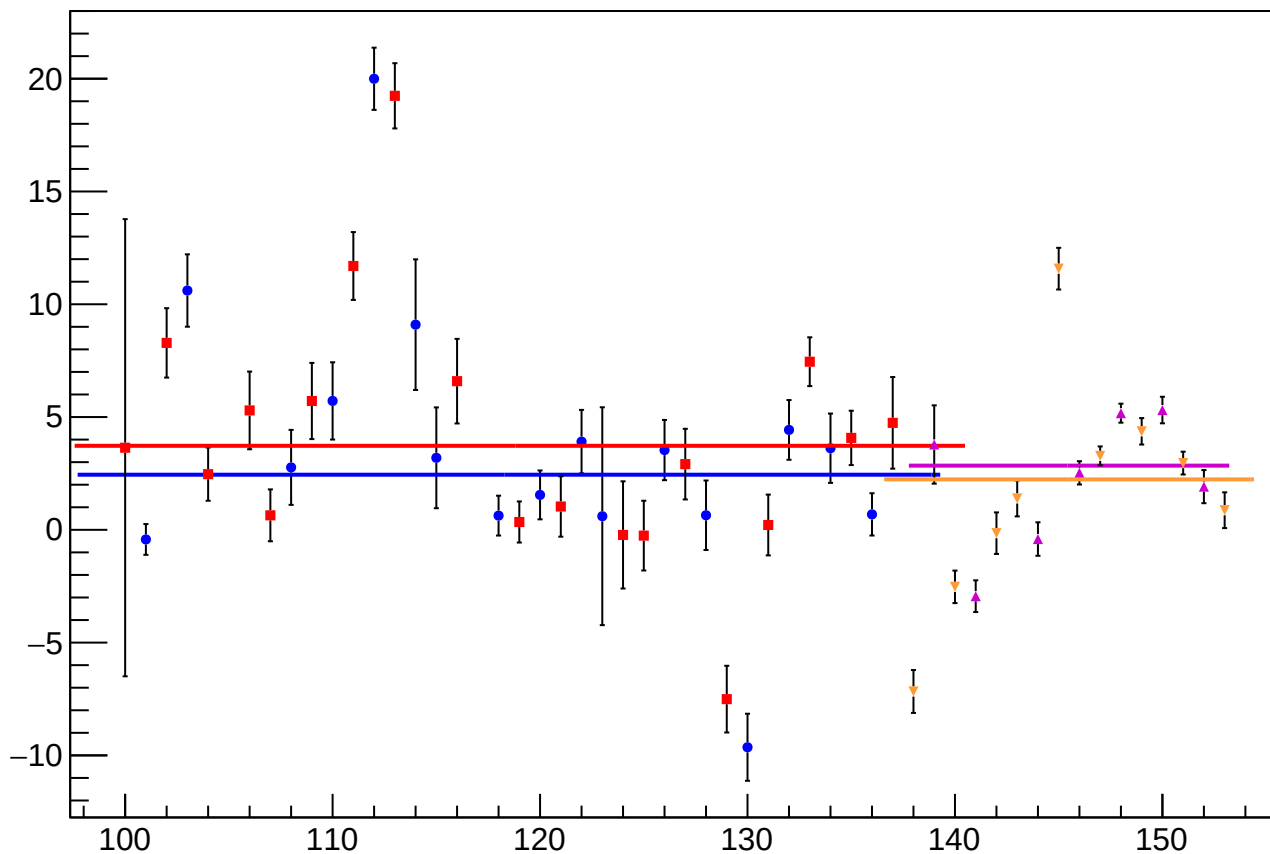
Left In: -37.177+/-0.353 χ^2/NDF : 149.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.929+/-0.243 χ^2/NDF : 744.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 2.236 ± 0.218 χ^2/NDF : 276.0/8

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

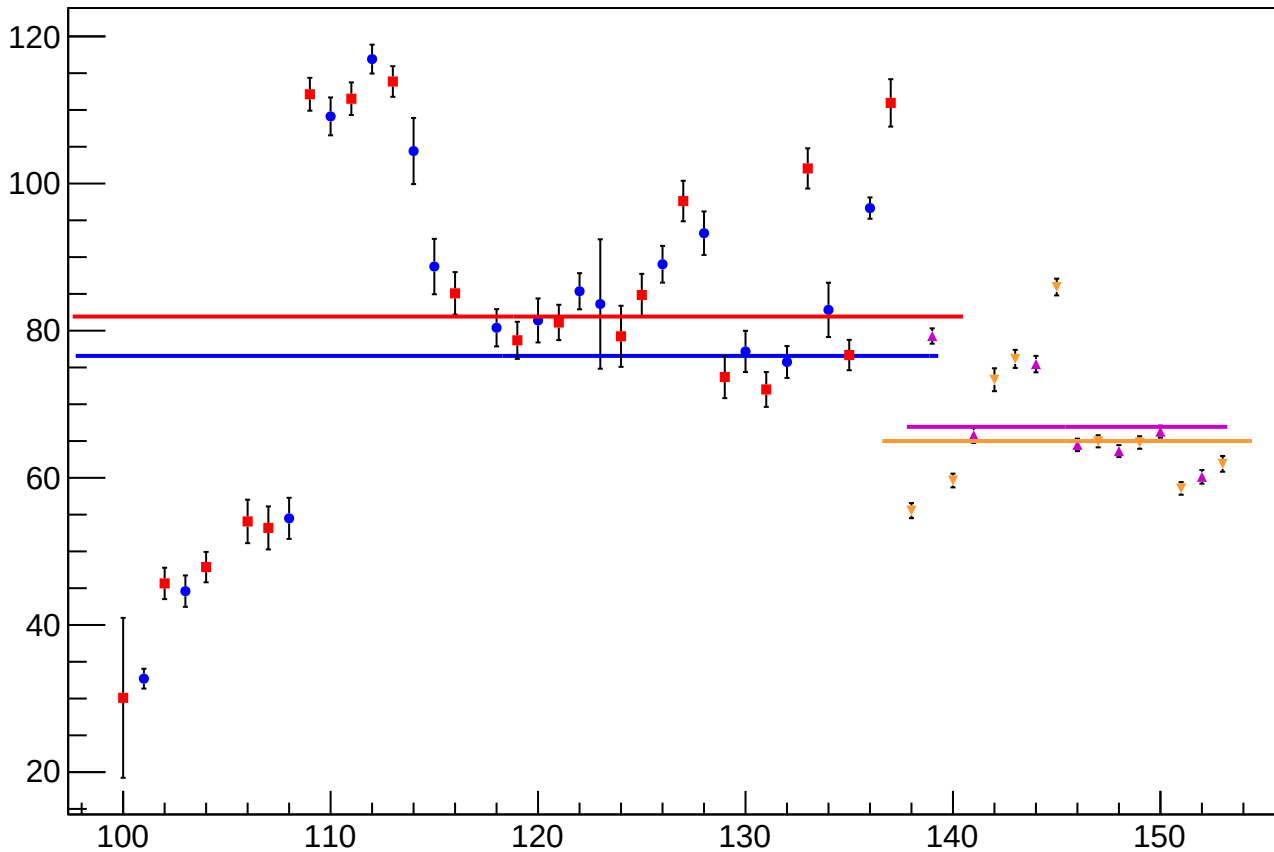
Left In: 2.846 ± 0.234 χ^2/NDF : 137.3/6

+ sign 2.304 ± 0.178 χ^2/NDF : 571.6/25

All: 2.697 ± 0.130 χ^2/NDF : 993.2/51

- sign 3.144 ± 0.190 χ^2/NDF : 411.2/25

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2/NDF : 2253.6/16

Left Out: 65.006 $\pm$ 0.333 χ^2/NDF : 632.4/8

Right Out: 81.923 $\pm$ 0.592 χ^2/NDF : 1570.6/18

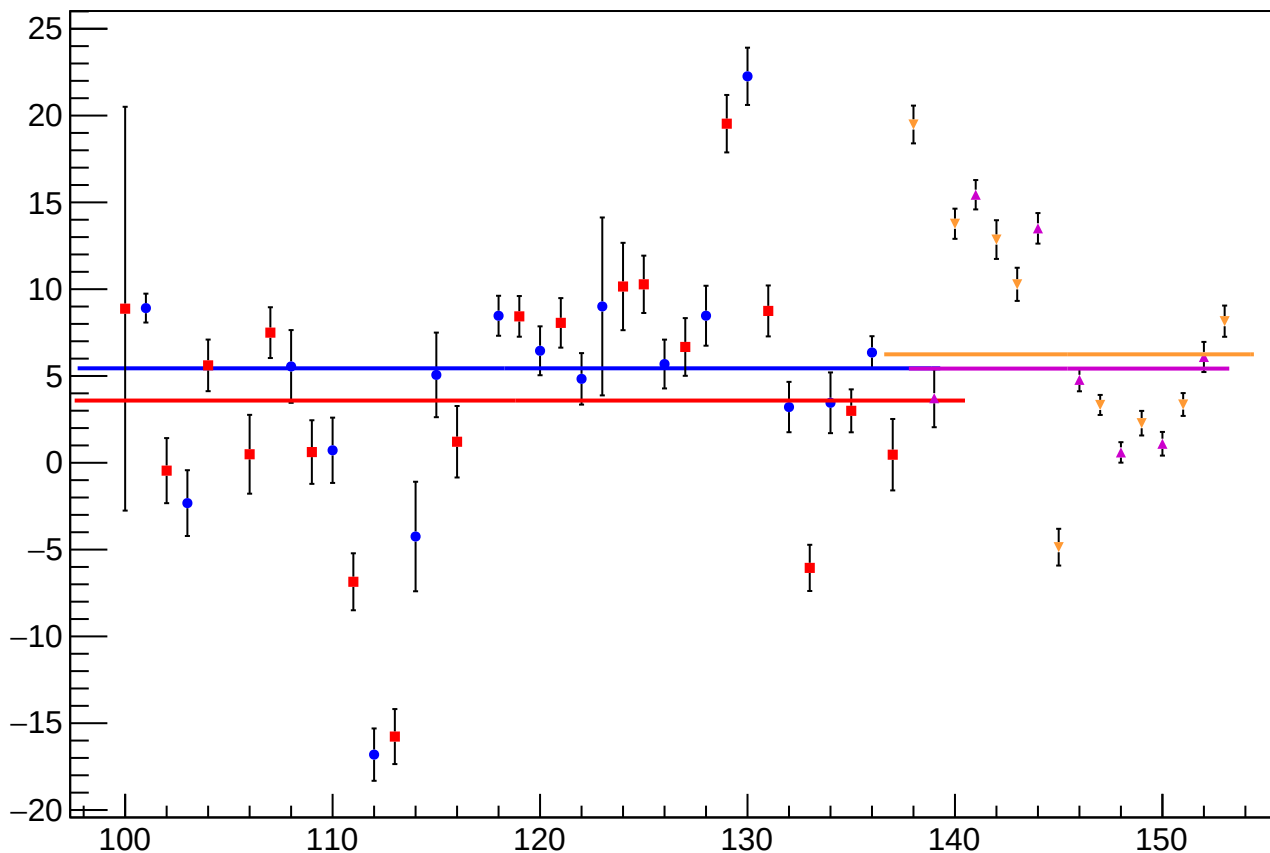
Left In: 66.930 $\pm$ 0.349 χ^2/NDF : 278.9/6

+ sign 67.925 $\pm$ 0.288 χ^2/NDF : 3190.3/25

All: 69.301 $\pm$ 0.208 χ^2/NDF : 5563.4/51

- sign 70.800 $\pm$ 0.301 χ^2/NDF : 2325.5/25

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 6.247 ± 0.272 $\chi^2/\text{NDF}: 466.8/8$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

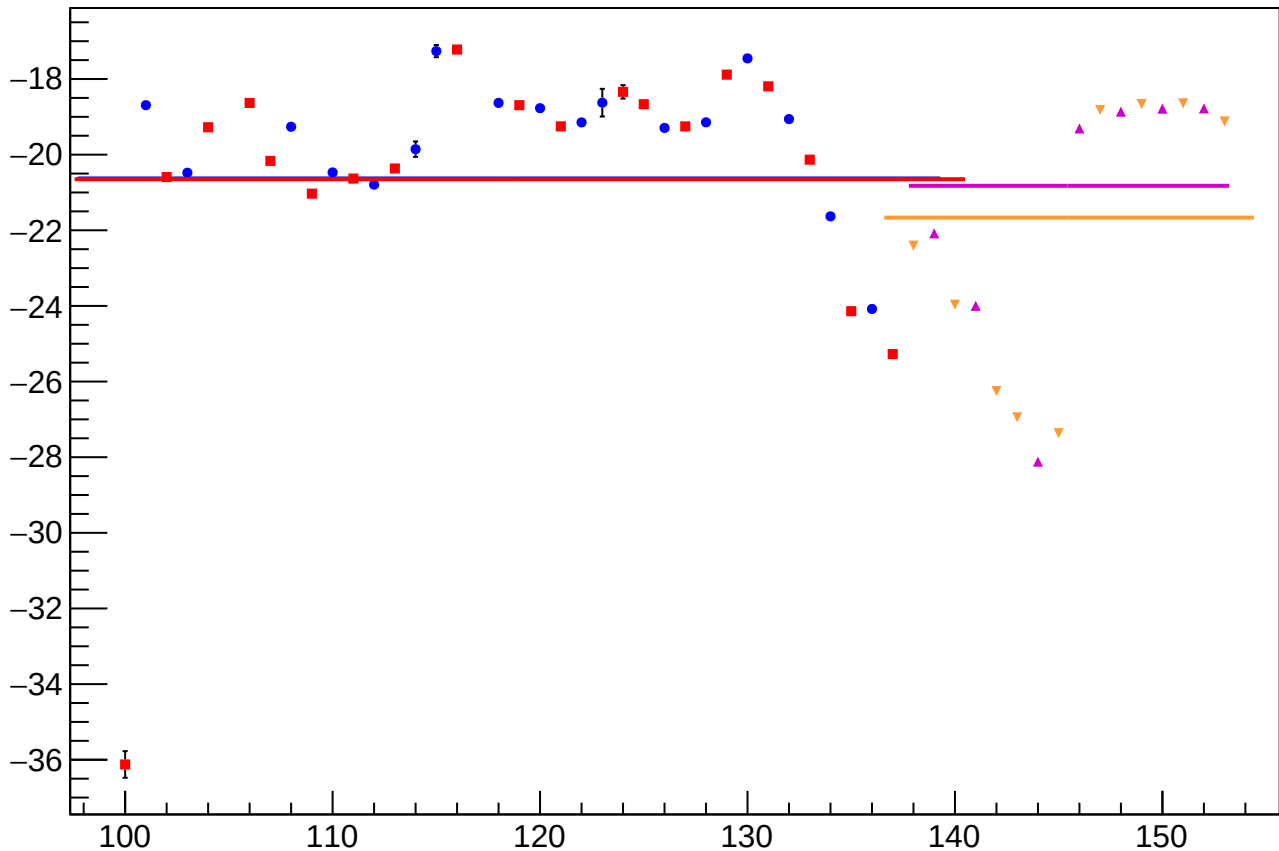
Left In: 5.426 ± 0.292 $\chi^2/\text{NDF}: 334.5/6$

+ sign 5.952 ± 0.216 $\chi^2/\text{NDF}: 857.5/25$

All: 5.380 ± 0.158 $\chi^2/\text{NDF}: 1645.0/51$

- sign 4.731 ± 0.231 $\chi^2/\text{NDF}: 772.7/25$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -21.664 ± 0.014 $\chi^2/\text{NDF}: 59318.5/8$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

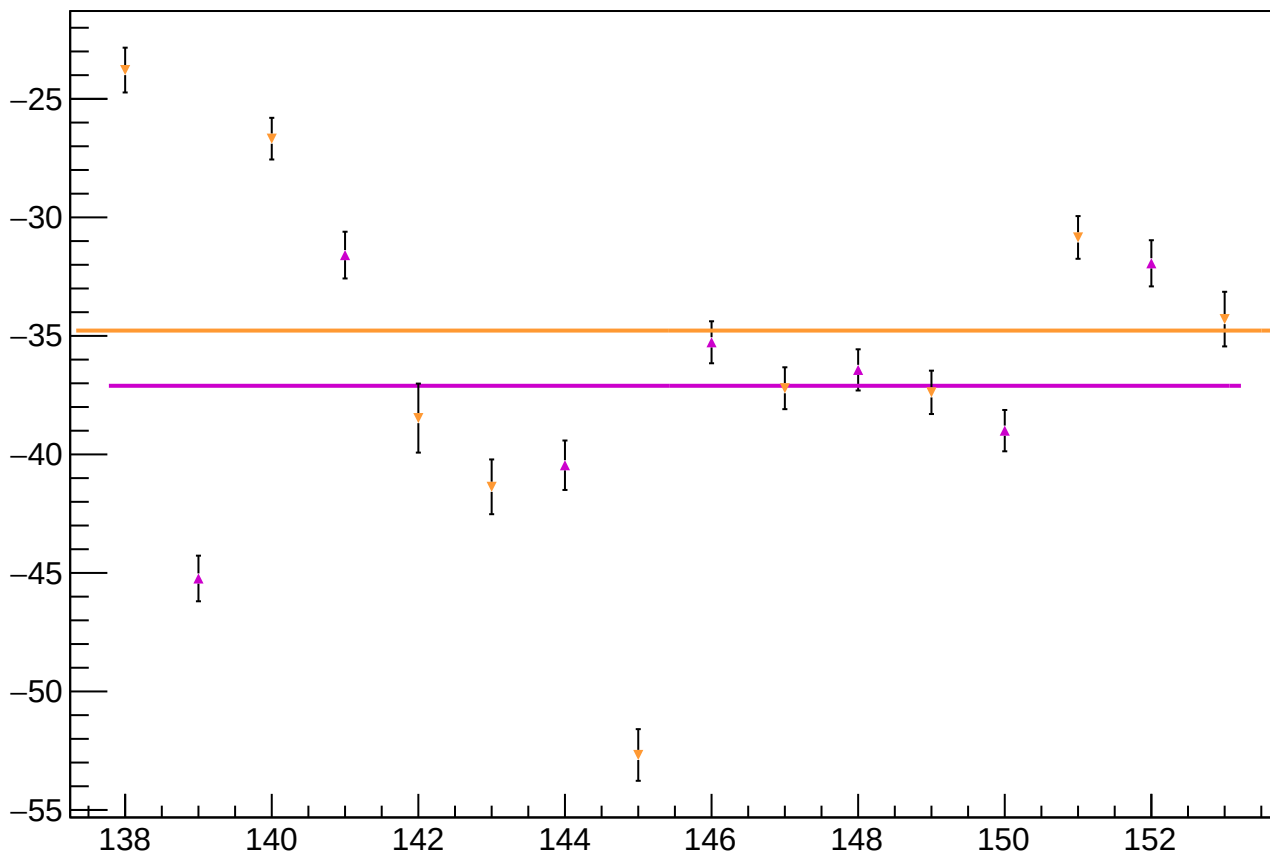
Left In: -20.823 ± 0.015 $\chi^2/\text{NDF}: 40279.4/6$

+ sign -21.310 ± 0.011 $\chi^2/\text{NDF}: 73700.4/25$

All: -21.044 ± 0.008 $\chi^2/\text{NDF}: 129065.9/51$

- sign -20.761 ± 0.012 $\chi^2/\text{NDF}: 54216.4/25$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.775 $\pm$ 0.334 χ^2 /NDF:563.9/8

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

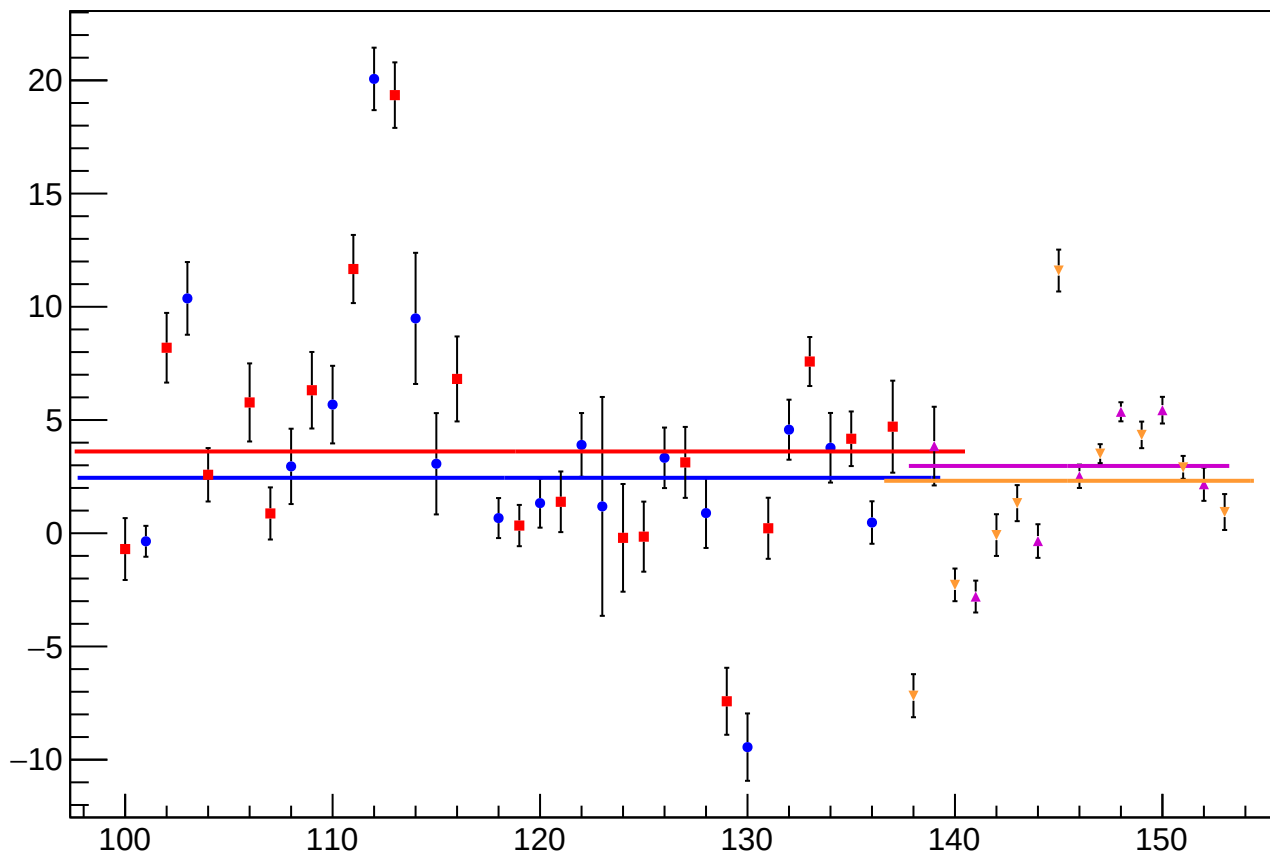
Left In: -37.105 $\pm$ 0.354 χ^2 /NDF:150.7/6

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

All: -35.875 $\pm$ 0.243 χ^2 /NDF: 737.5/15

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

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 2.316 ± 0.218 χ^2/NDF : 273.8/8

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

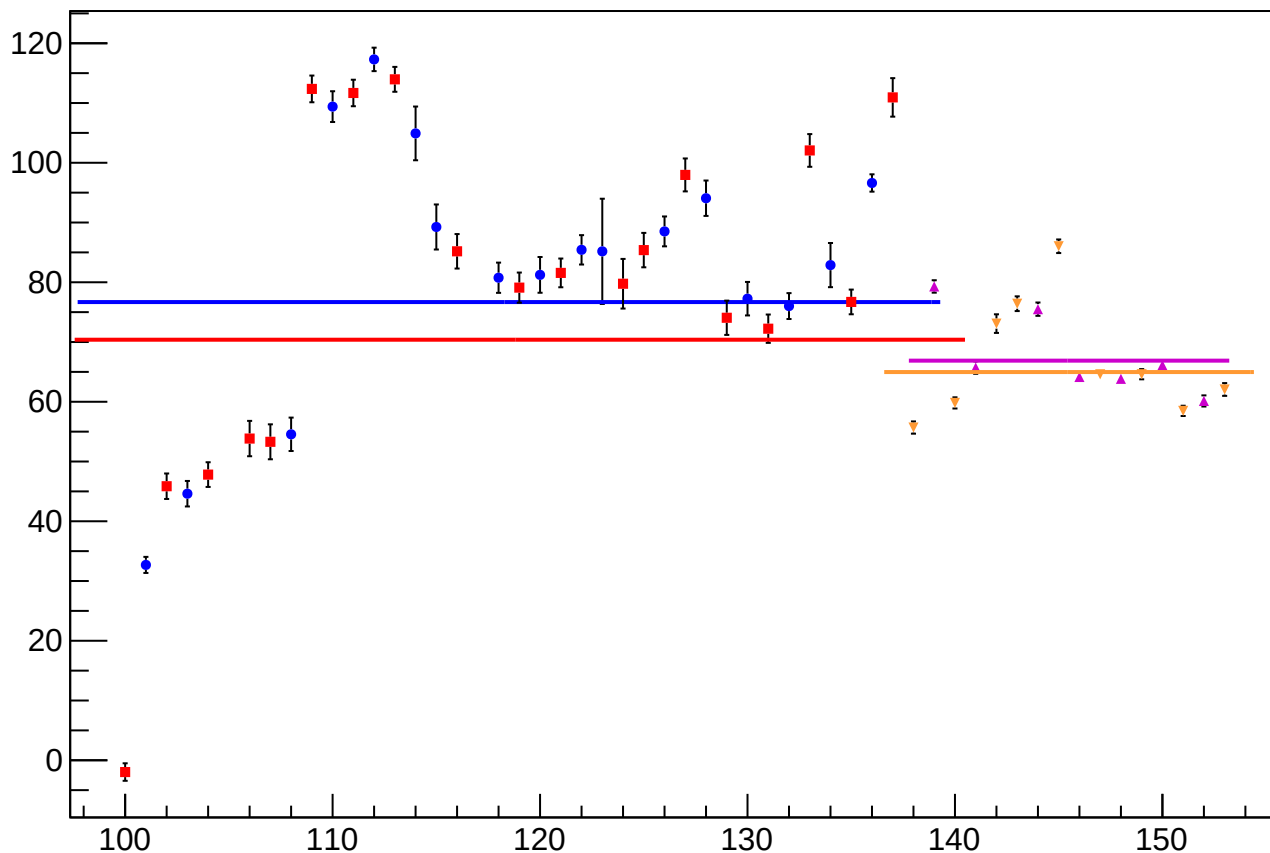
Left In: 2.972 ± 0.234 χ^2/NDF : 139.1/6

+ sign 2.359 ± 0.179 χ^2/NDF : 567.3/25

All: 2.755 ± 0.130 χ^2/NDF : 998.8/51

- sign 3.196 ± 0.188 χ^2/NDF : 421.1/25

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 64.974 $\pm$ 0.333 χ^2 /NDF: 632.9/8

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

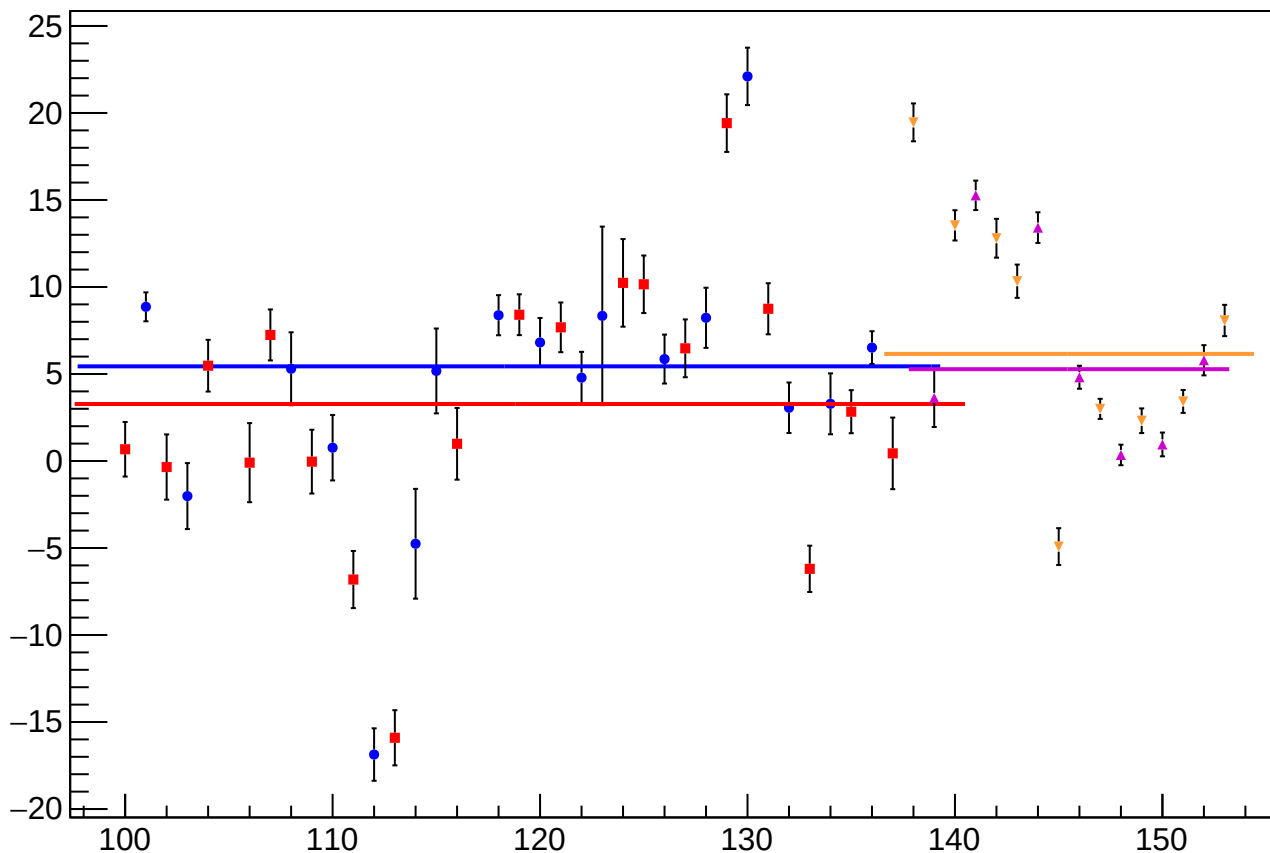
Left In: 66.882 $\pm$ 0.349 χ^2 /NDF: 280.5/6

+ sign 67.931 $\pm$ 0.288 χ^2 /NDF: 3209.7/25

All: 67.911 $\pm$ 0.206 χ^2 /NDF: 7910.3/51

- sign 67.890 $\pm$ 0.295 χ^2 /NDF: 4700.5/25

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.154 ± 0.272 $\chi^2/\text{NDF}: 466.5/8$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

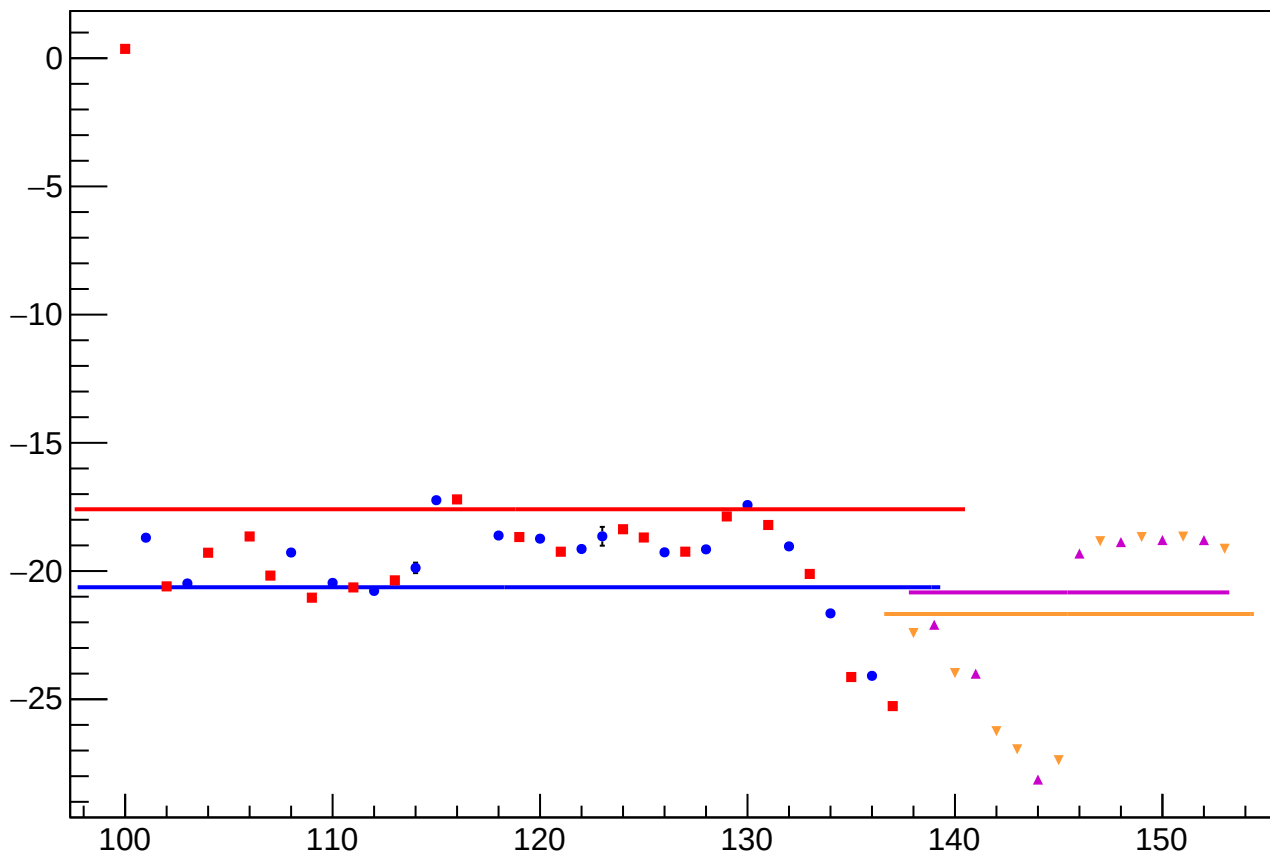
Left In: 5.276 ± 0.293 $\chi^2/\text{NDF}: 336.5/6$

+ sign 5.892 ± 0.217 $\chi^2/\text{NDF}: 855.0/25$

All: 5.230 ± 0.157 $\chi^2/\text{NDF}: 1655.3/51$

- sign 4.494 ± 0.228 $\chi^2/\text{NDF}: 780.6/25$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -21.675 ± 0.014 $\chi^2/\text{NDF}: 59177.8/8$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

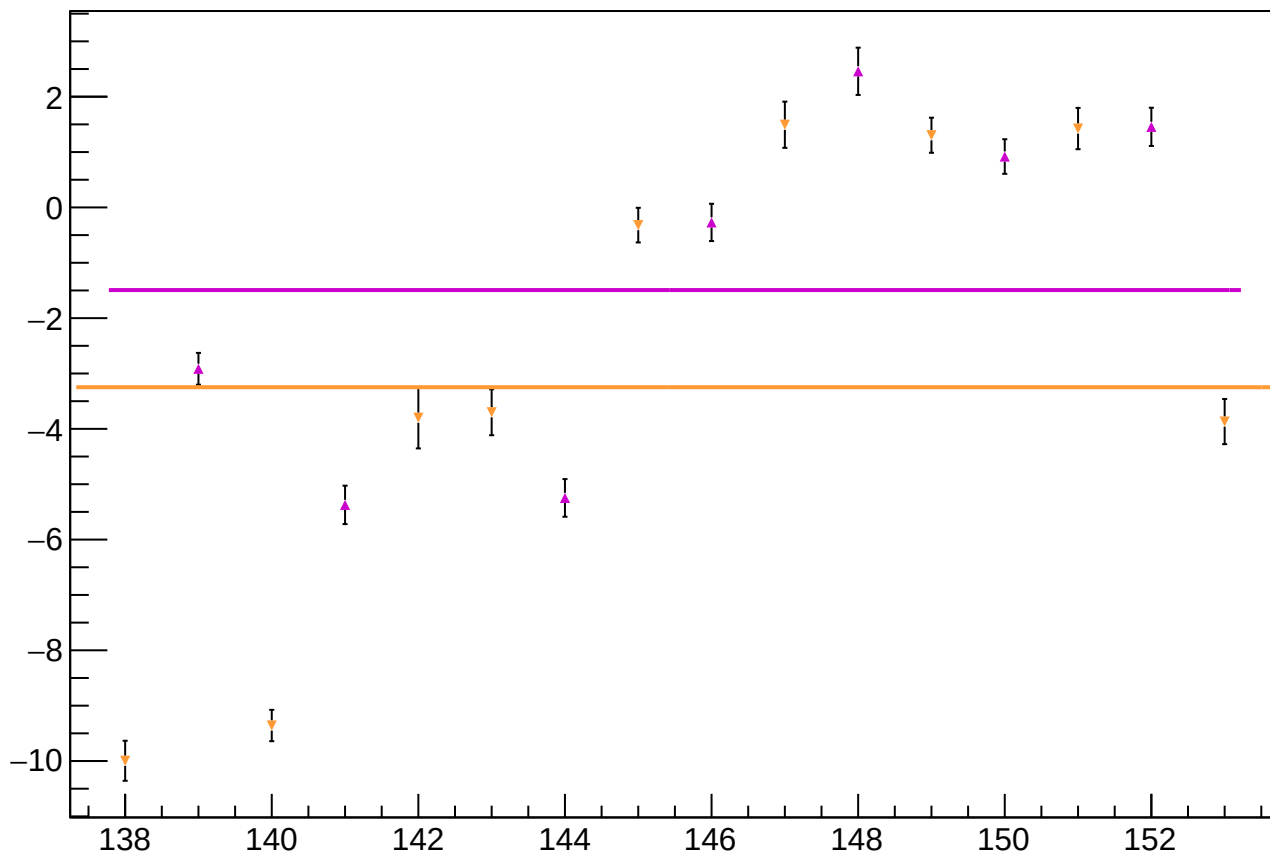
Left In: -20.833 ± 0.015 $\chi^2/\text{NDF}: 40234.1/6$

+ sign -21.317 ± 0.011 $\chi^2/\text{NDF}: 73631.1/25$

All: -20.438 ± 0.008 $\chi^2/\text{NDF}: 324337.0/51$

- sign -19.556 ± 0.011 $\chi^2/\text{NDF}: 238549.7/25$

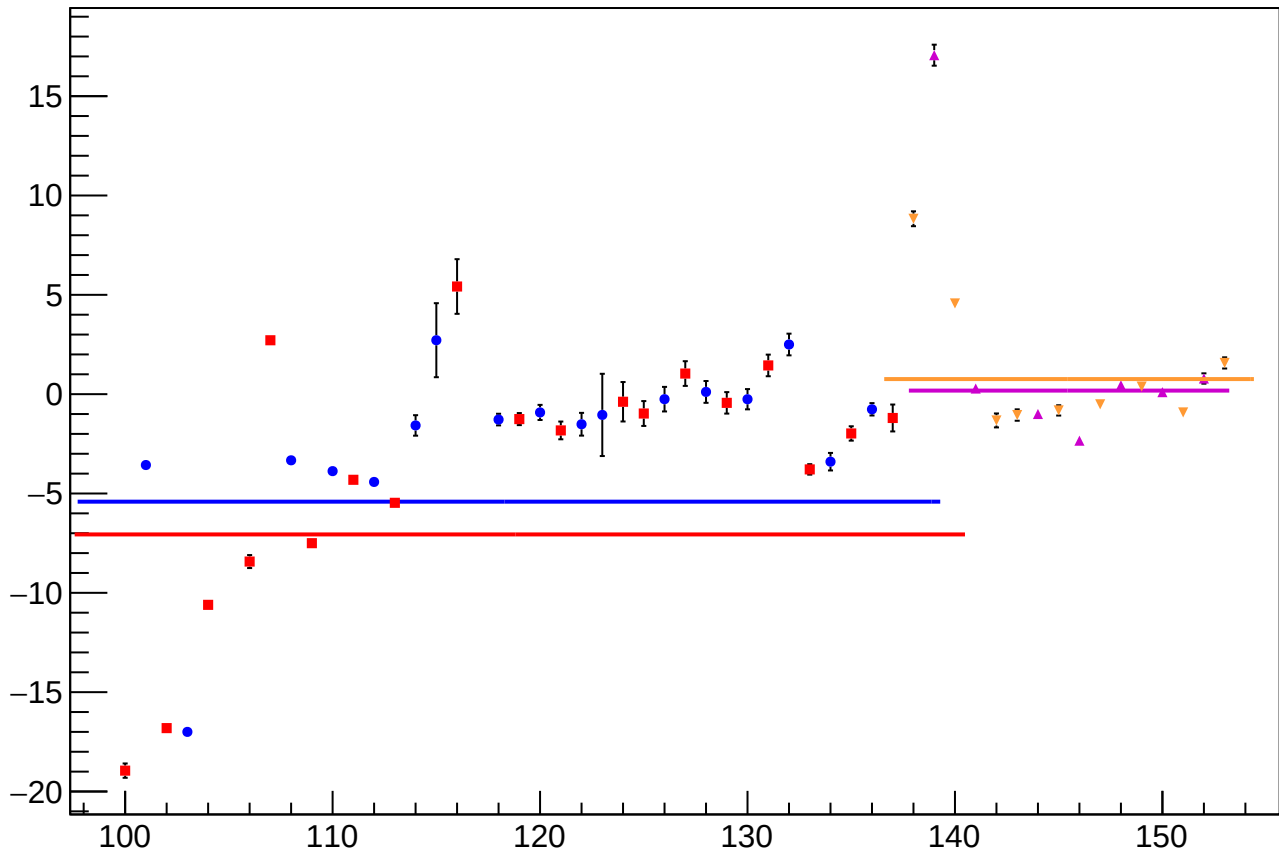
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.248+/-0.121 χ^2/NDF :1398.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.493+/-0.127 χ^2/NDF :502.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.413+/-0.088 χ^2/NDF : 2001.7/15
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.760 ± 0.084 χ^2/NDF : 947.7/8

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

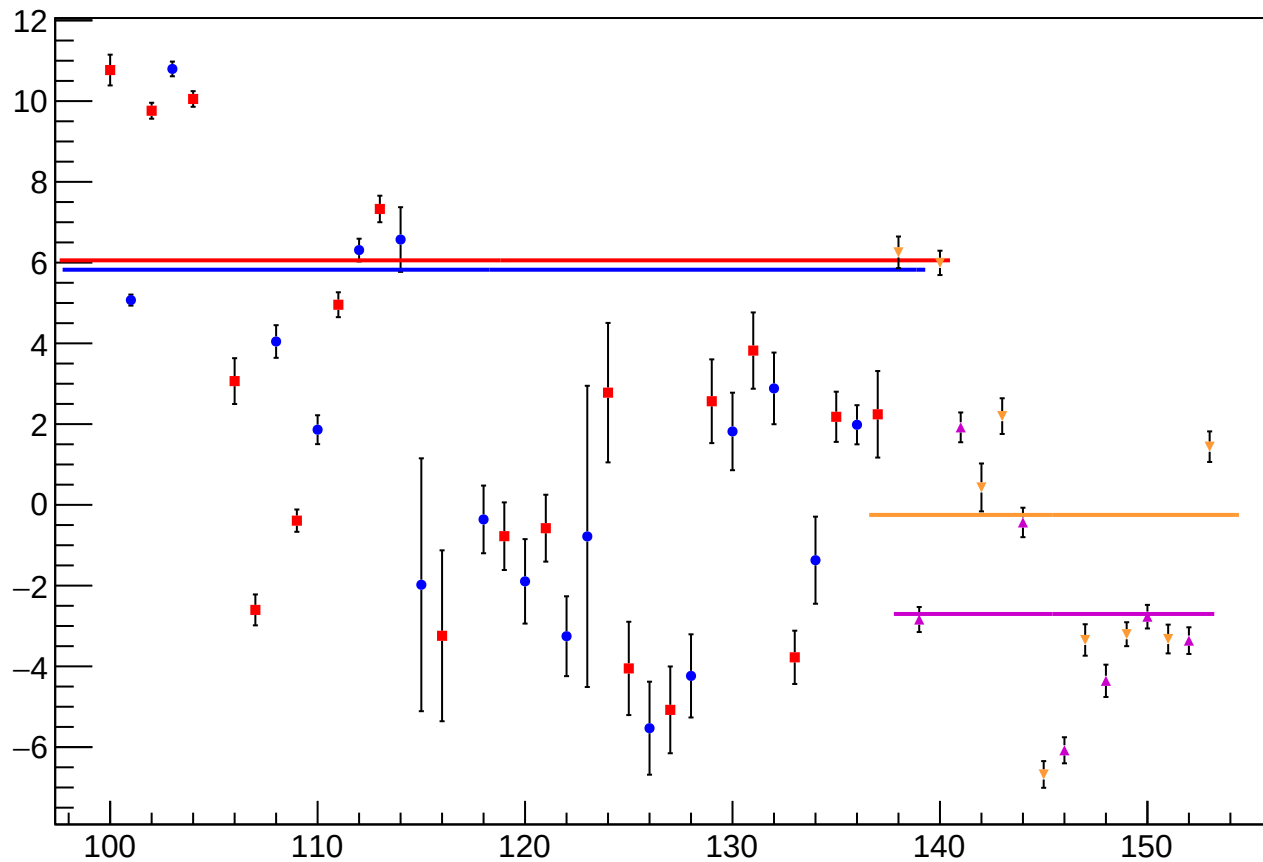
Left In: 0.180 ± 0.092 χ^2/NDF : 1188.7/6

+ sign -3.571 ± 0.046 χ^2/NDF : 13998.3/25

All: -4.206 ± 0.034 χ^2/NDF : 32313.4/51

- sign -4.951 ± 0.050 χ^2/NDF : 17898.5/25

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 $\pm$ 0.090 χ^2 /NDF: 1452.6/16

Left Out: -0.249 $\pm$ 0.122 χ^2 /NDF:1370.5/8

Right Out: 6.056 $\pm$ 0.093 χ^2 /NDF: 2668.9/18

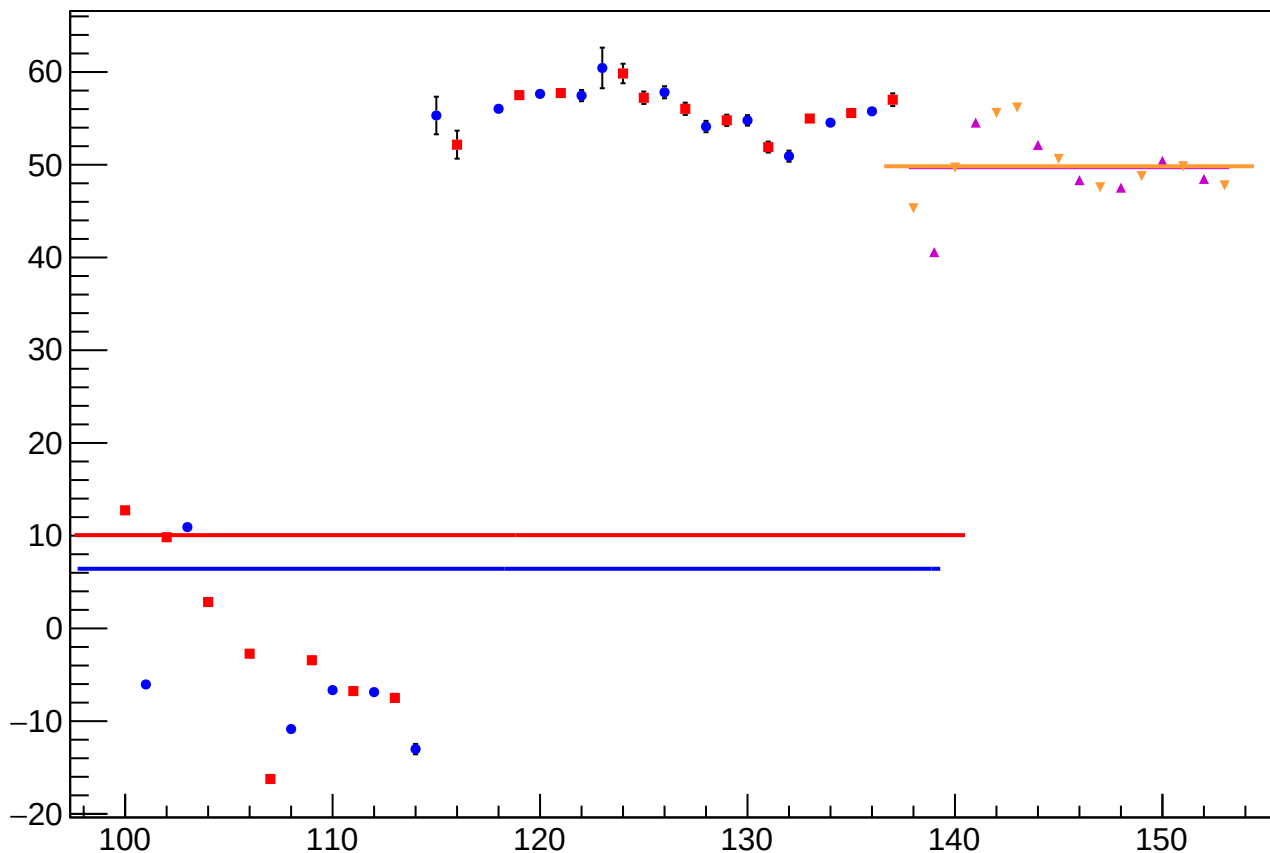
Left In: -2.702 $\pm$ 0.127 χ^2 /NDF:326.3/6

+ sign 3.691 $\pm$ 0.072 χ^2 /NDF: 4436.9/25

All: 3.353 $\pm$ 0.052 χ^2 /NDF: 10566.3/51

- sign 2.986 $\pm$ 0.075 χ^2 /NDF: 6083.5/25

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.835 ± 0.102 χ^2/NDF : 772.5/8

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

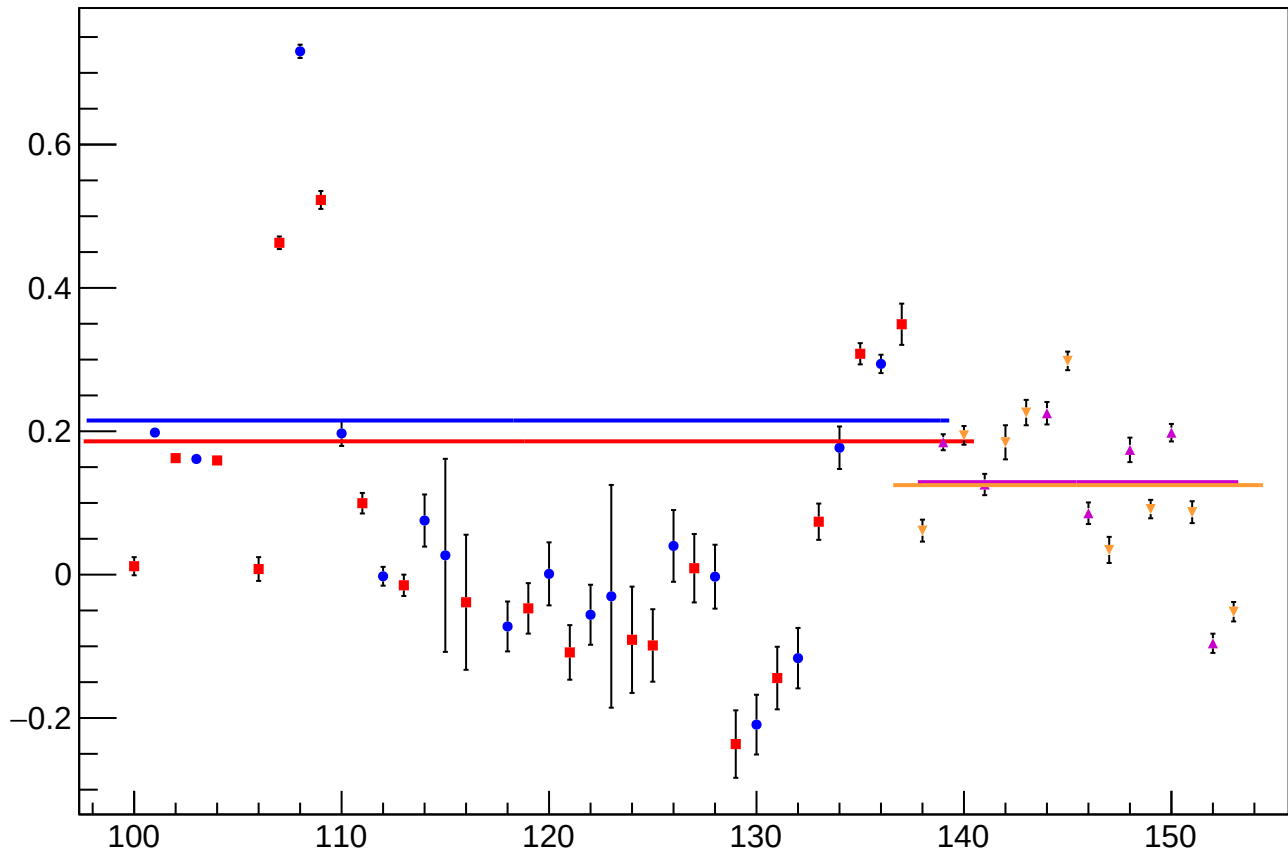
Left In: 49.737 ± 0.112 χ^2/NDF : 759.8/6

+ sign 18.811 ± 0.055 χ^2/NDF : 252612.9/25

All: 19.915 ± 0.040 χ^2/NDF : 466989.5/51

- sign 21.206 ± 0.059 χ^2/NDF : 213493.3/25

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: 0.125 $\pm$ 0.005 χ^2 /NDF: 470.9/8

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

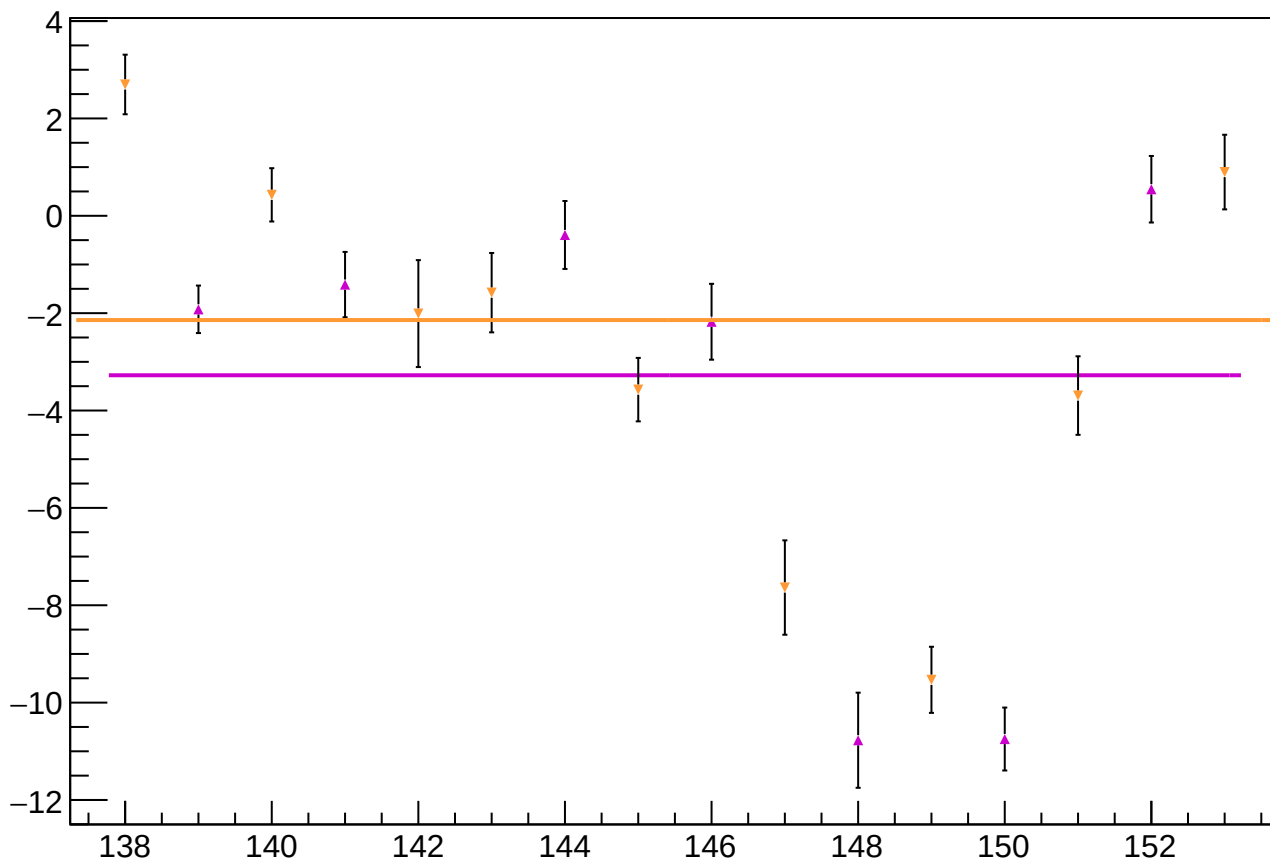
Left In: 0.129 $\pm$ 0.005 χ^2 /NDF: 390.6/6

+ sign 0.194 $\pm$ 0.002 χ^2 /NDF: 4649.3/25

All: 0.184 $\pm$ 0.002 χ^2 /NDF: 7888.6/51

- sign 0.174 $\pm$ 0.002 χ^2 /NDF: 3205.1/25

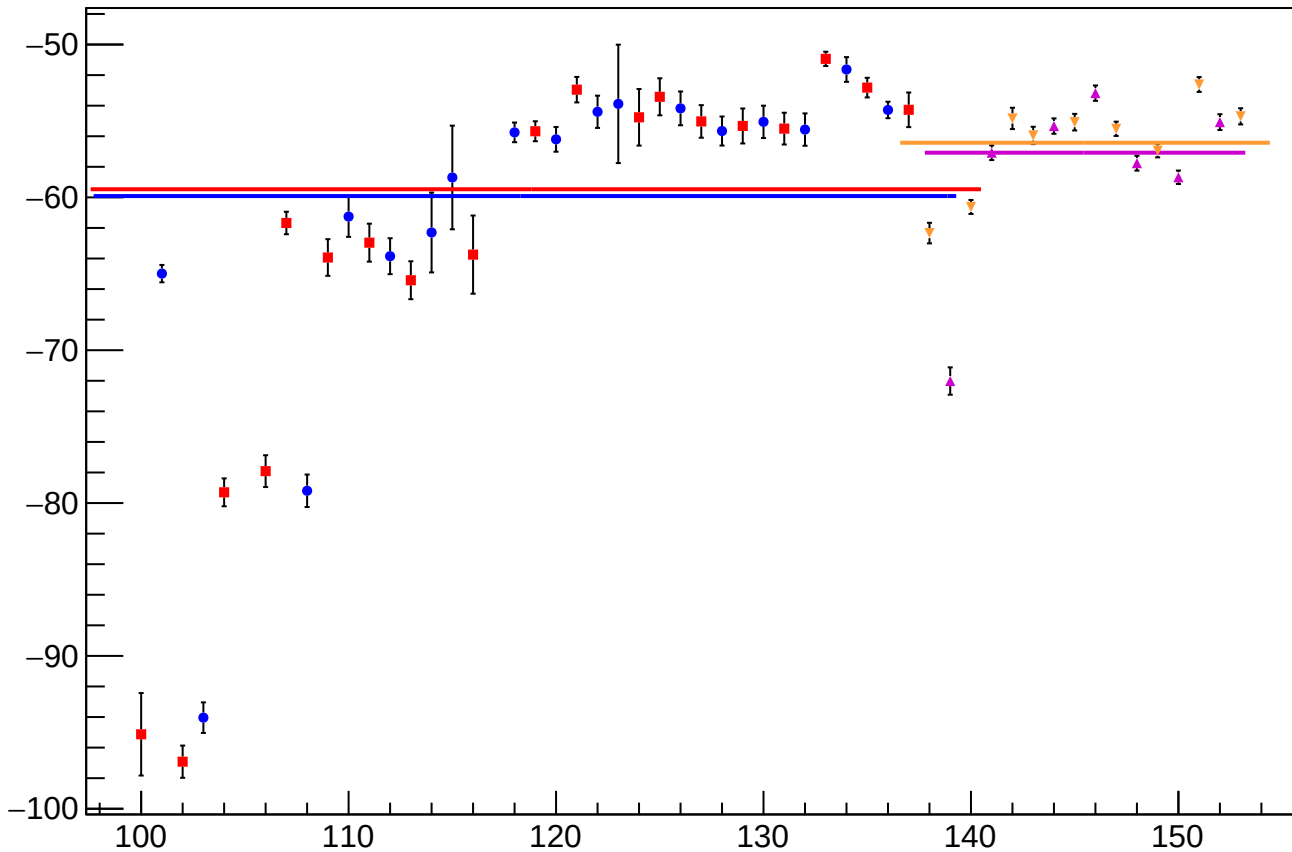
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.142 $\pm$ 0.241 χ^2 /NDF:259.9/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.276 $\pm$ 0.252 χ^2 /NDF:258.2/6

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.684 $\pm$ 0.174 χ^2 /NDF: 528.6/15
 - 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: -56.425±/0.174 χ^2/NDF : 251.1/8

Right Out: -59.468±/0.212 χ^2/NDF : 2912.7/18

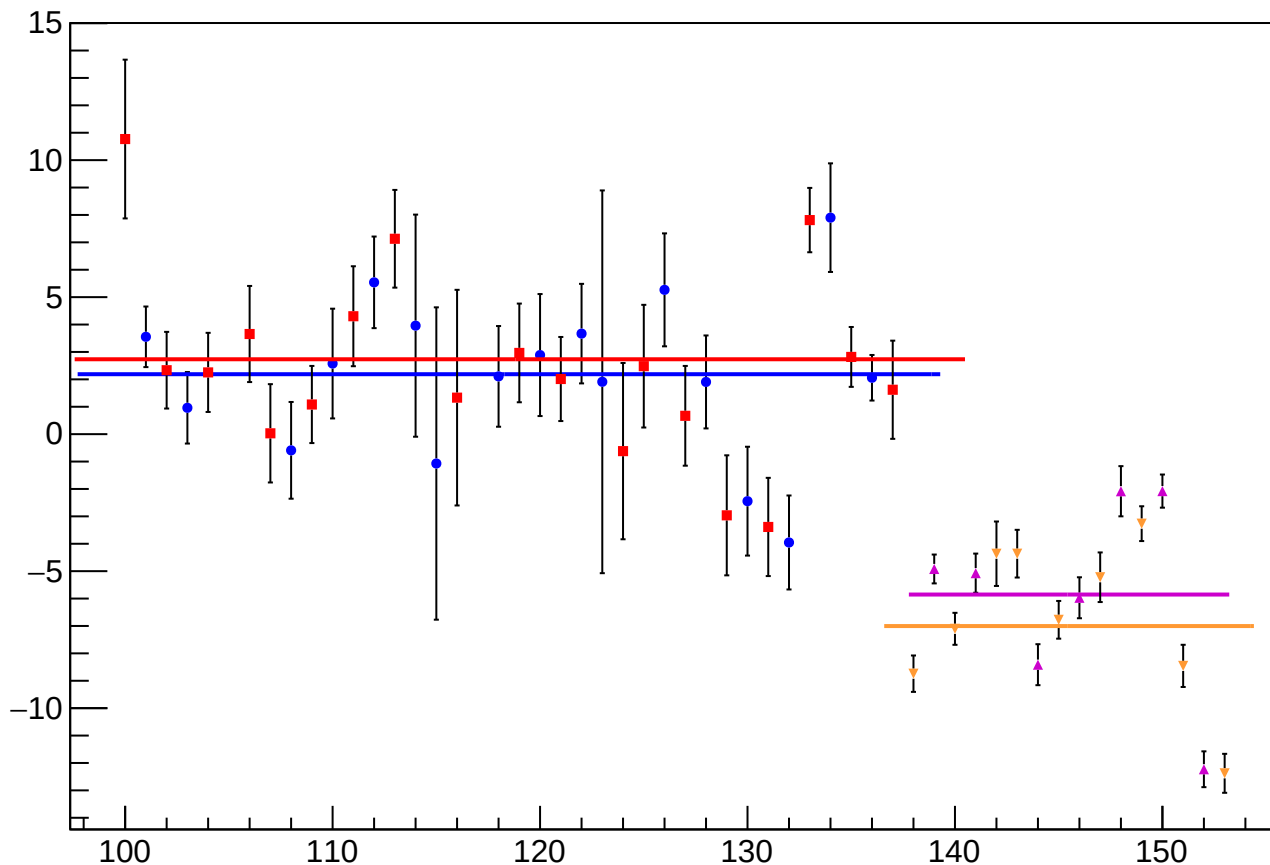
Left In: -57.077±/0.194 χ^2/NDF : 381.1/6

+ sign -57.744±/0.137 χ^2/NDF : 2382.8/25

All: -57.946±/0.099 χ^2/NDF : 5750.4/51

- sign -58.165±/0.143 χ^2/NDF : 3363.1/25

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -7.004 ± 0.245 χ^2/NDF : 120.4/8

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

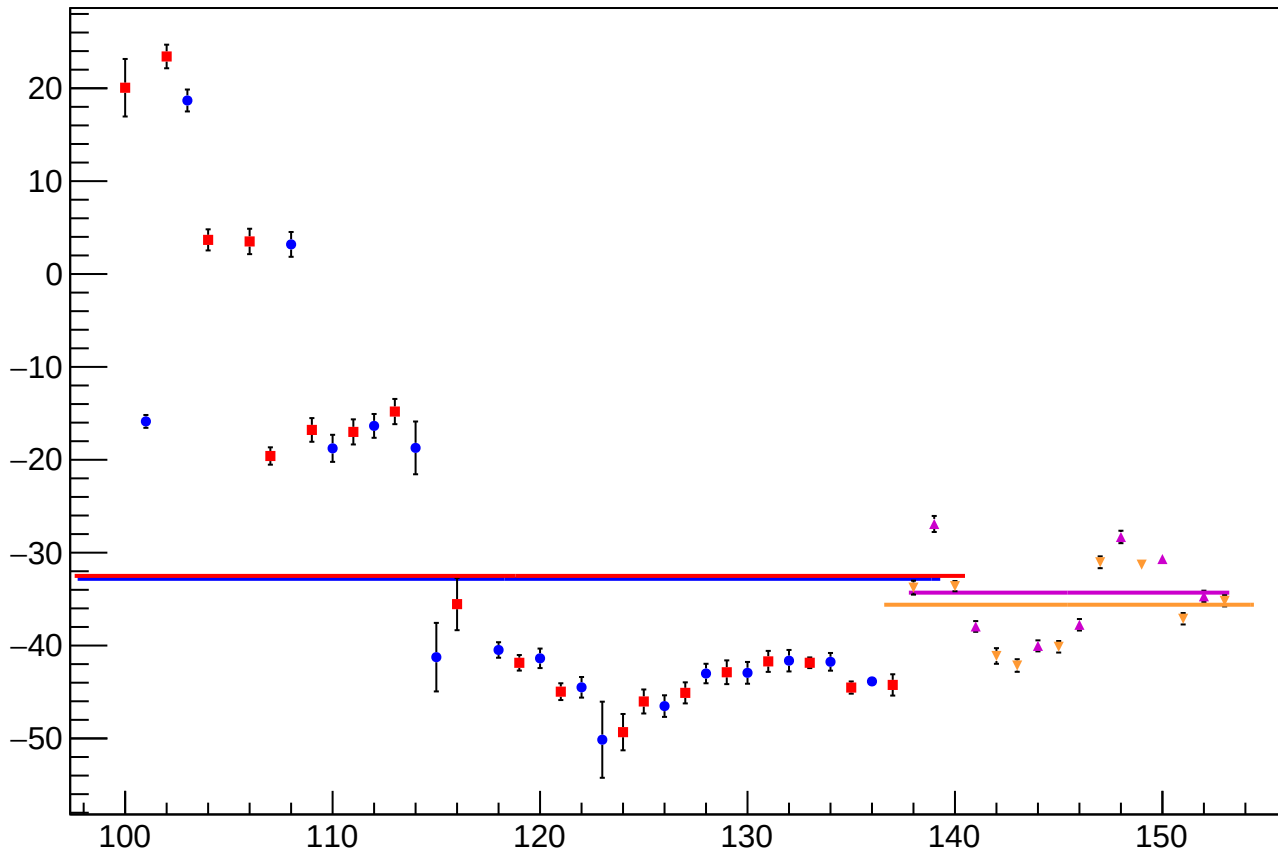
Left In: -5.853 ± 0.255 χ^2/NDF : 167.1/6

+ sign -4.540 ± 0.209 χ^2/NDF : 538.2/25

All: -3.913 ± 0.149 χ^2/NDF : 1125.2/51

- sign -3.263 ± 0.213 χ^2/NDF : 568.7/25

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: -35.605 ± 0.210 $\chi^2/\text{NDF}: 332.6/8$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

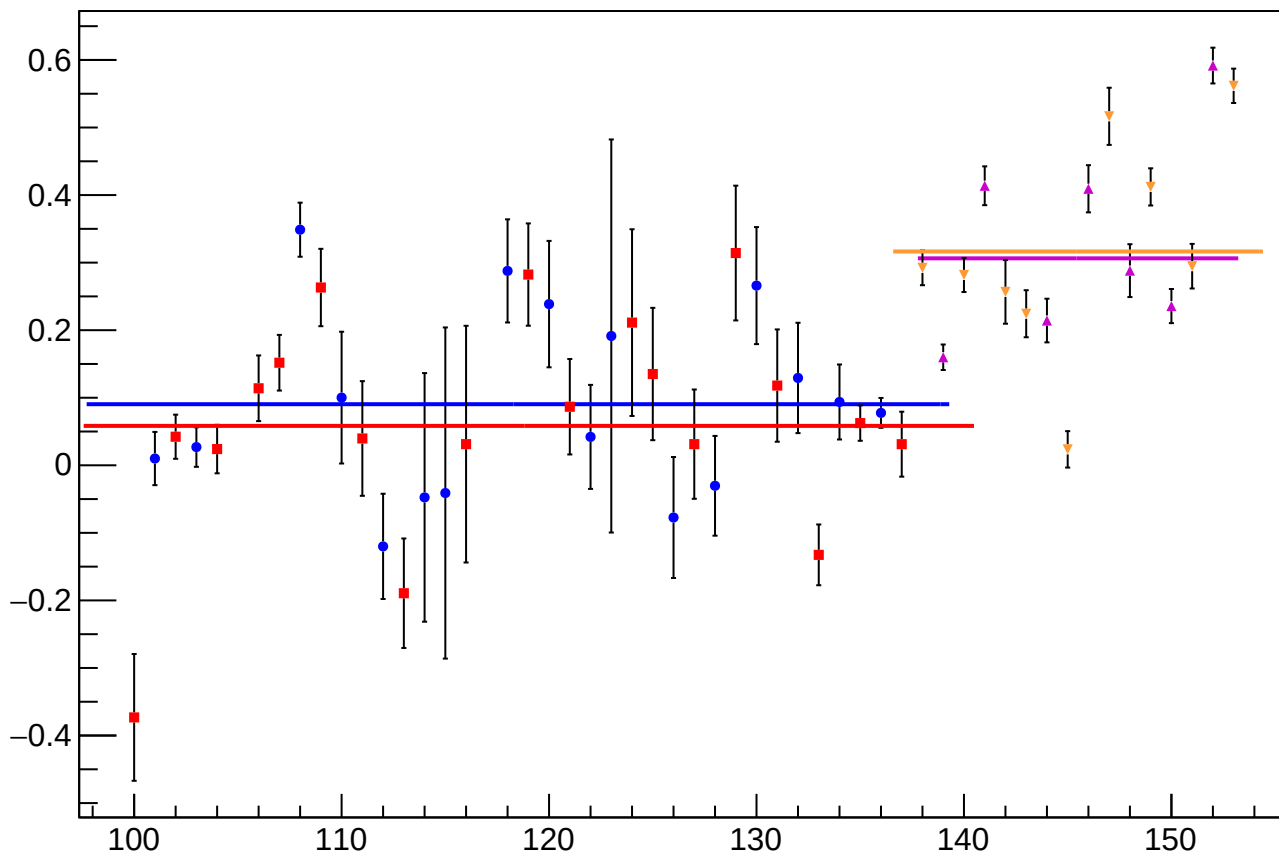
Left In: -34.304 ± 0.232 $\chi^2/\text{NDF}: 368.5/6$

+ sign -34.473 ± 0.162 $\chi^2/\text{NDF}: 5070.7/25$

All: -33.980 ± 0.117 $\chi^2/\text{NDF}: 11525.1/51$

- sign -33.448 ± 0.168 $\chi^2/\text{NDF}: 6435.1/25$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.317 ± 0.010 χ^2/NDF : 257.2/8

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.3/18

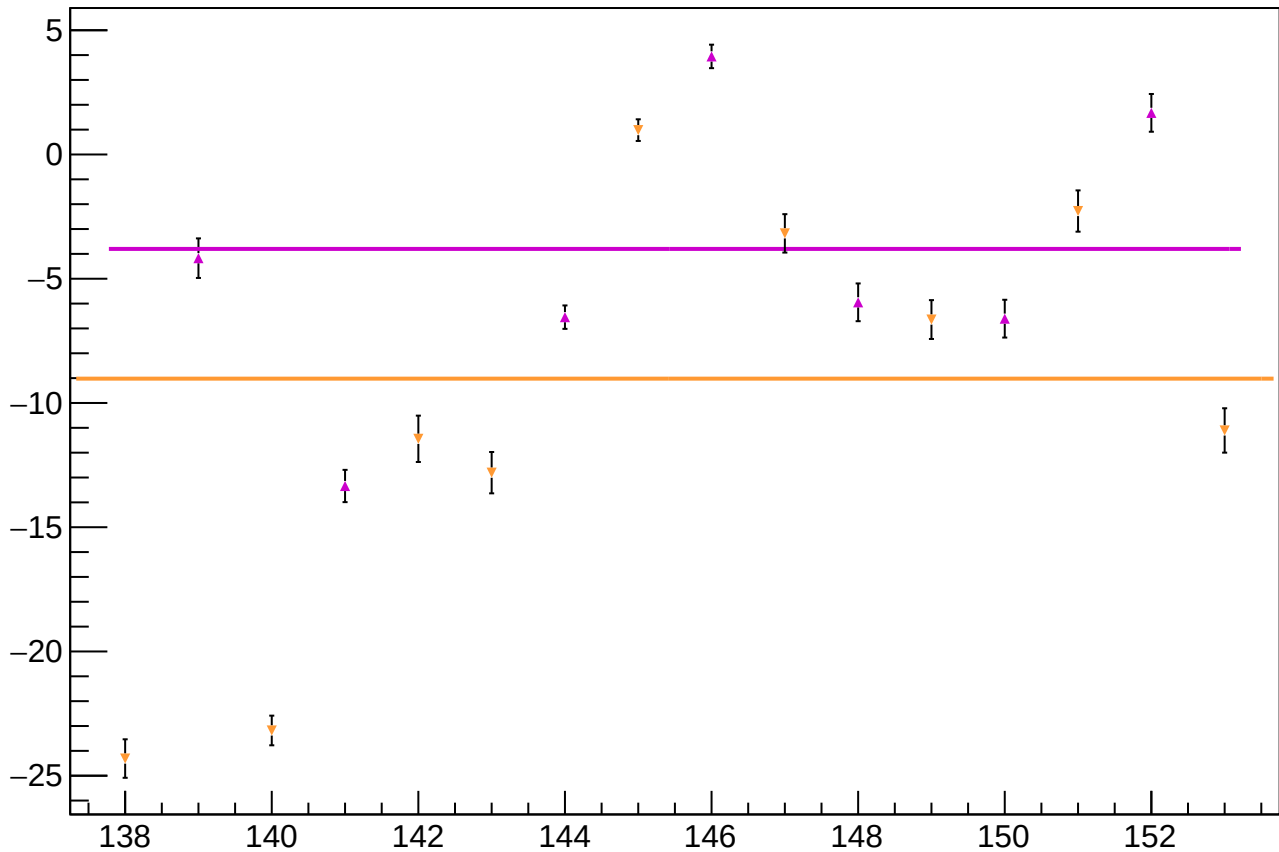
Left In: 0.306 ± 0.010 χ^2/NDF : 215.1/6

+ sign 0.231 ± 0.008 χ^2/NDF : 532.3/25

All: 0.217 ± 0.006 χ^2/NDF : 1083.7/51

- sign 0.203 ± 0.008 χ^2/NDF : 545.1/25

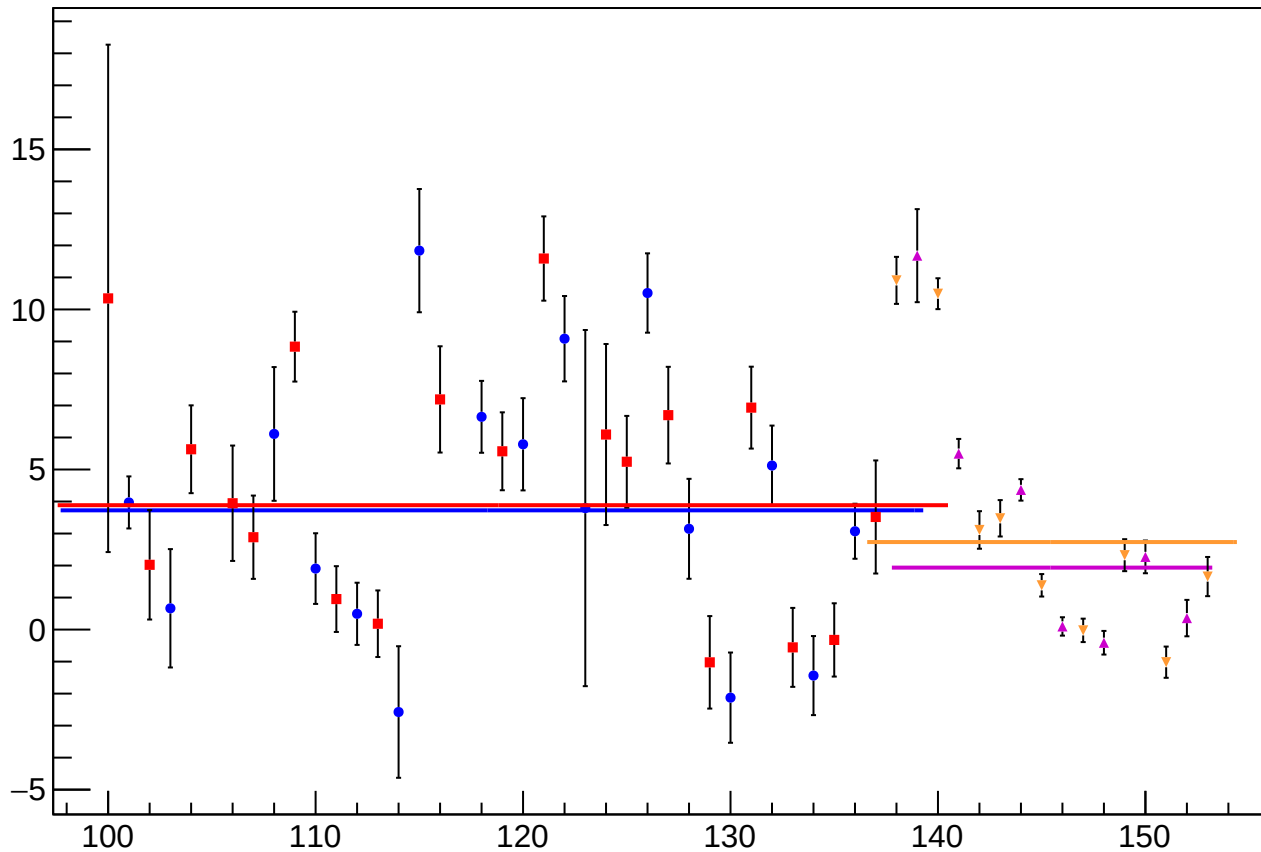
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.021 $\pm$ 0.233 χ^2 /NDF:1644.0/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.800 $\pm$ 0.235 χ^2 /NDF:592.5/6

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.426 $\pm$ 0.166 χ^2 /NDF: 2484.9/15
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 $\pm$ 0.308 χ^2/NDF : 136.8/16

Left Out: 2.734 $\pm$ 0.161 χ^2/NDF : 519.1/8

Right Out: 3.885 $\pm$ 0.316 χ^2/NDF : 134.4/18

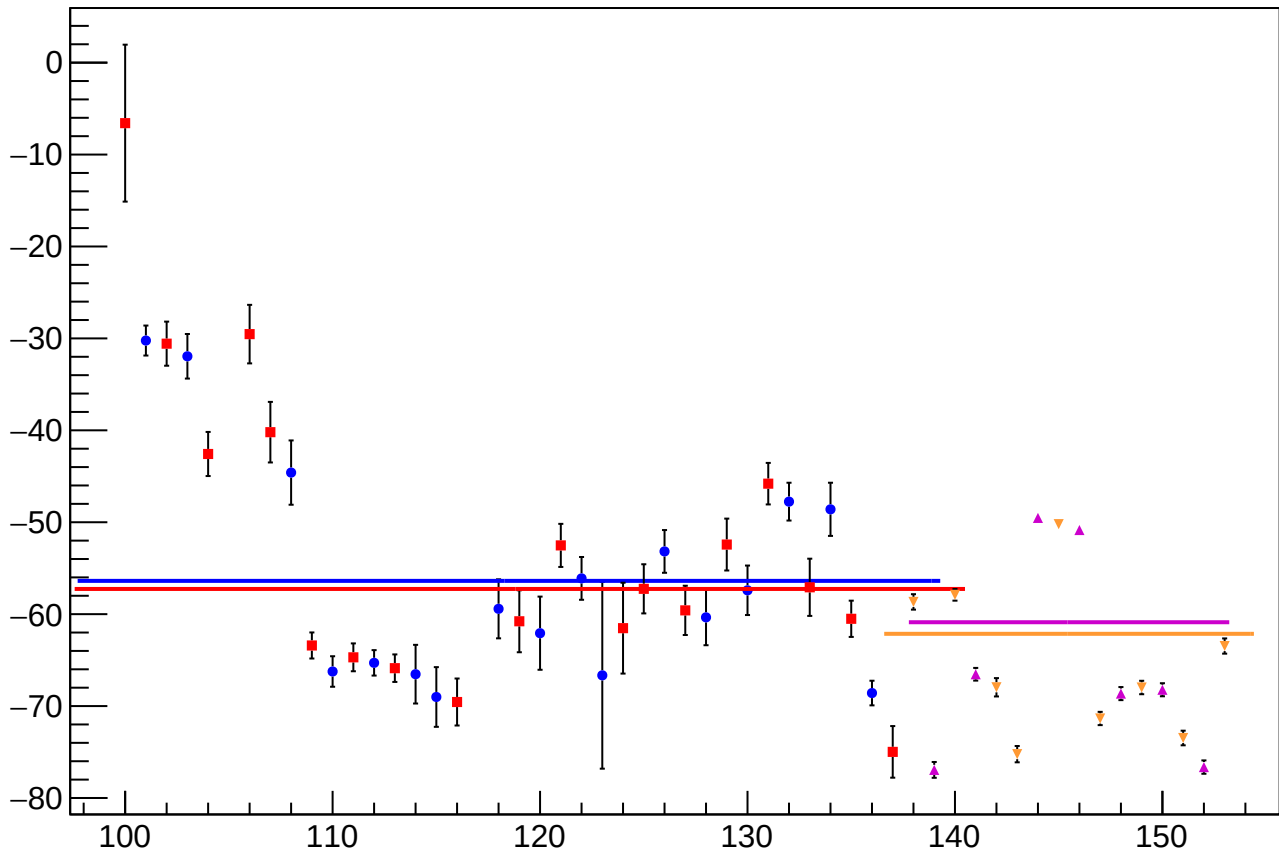
Left In: 1.935 $\pm$ 0.157 χ^2/NDF : 247.1/6

+ sign 2.946 $\pm$ 0.143 χ^2/NDF : 664.0/25

All: 2.629 $\pm$ 0.100 χ^2/NDF : 1085.6/51

- sign 2.321 $\pm$ 0.141 χ^2/NDF : 412.0/25

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -62.139 ± 0.238 χ^2/NDF : 1407.2/8

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

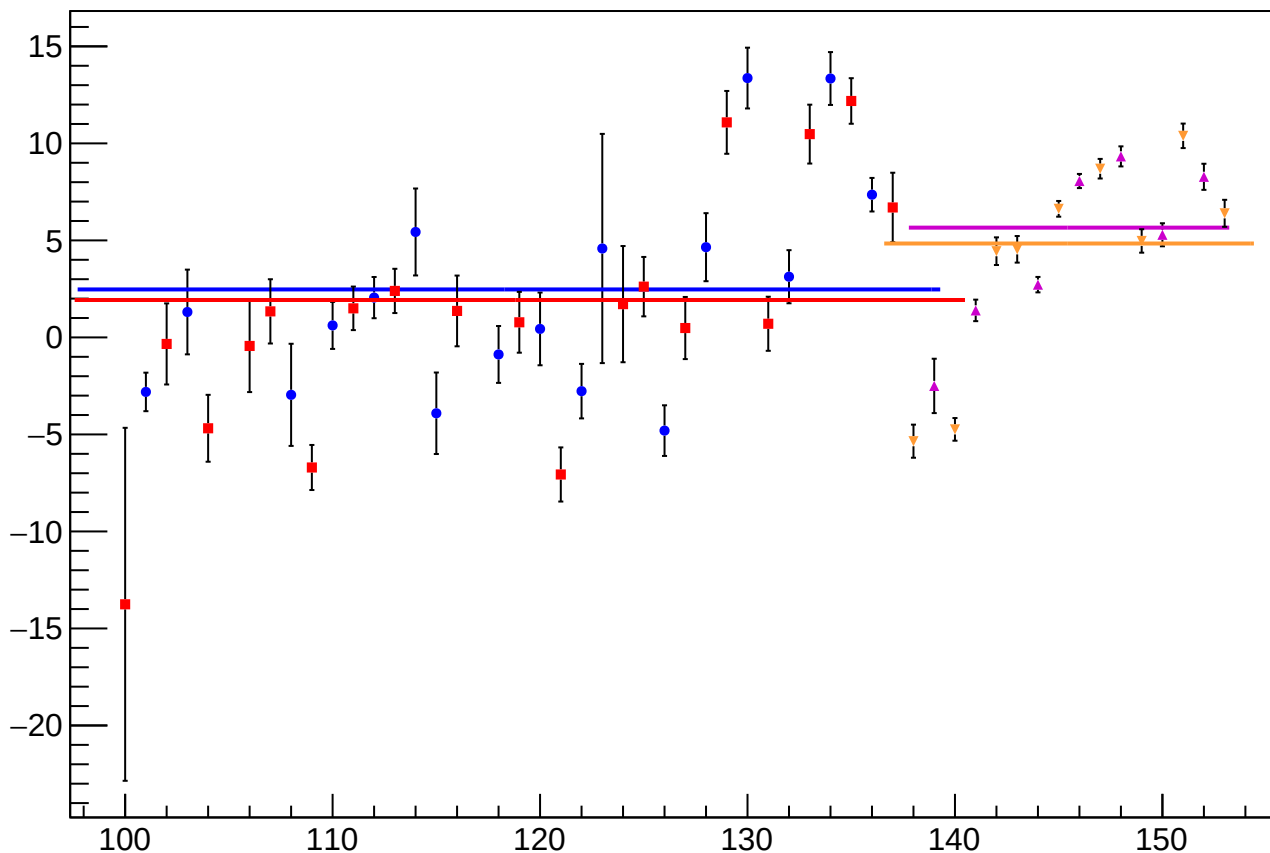
Left In: -60.879 ± 0.235 χ^2/NDF : 2105.4/6

+ sign -61.207 ± 0.218 χ^2/NDF : 2089.2/25

All: -60.745 ± 0.153 χ^2/NDF : 4717.9/51

- sign -60.294 ± 0.215 χ^2/NDF : 2619.7/25

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.840 ± 0.197 χ^2/NDF : 572.1/8

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

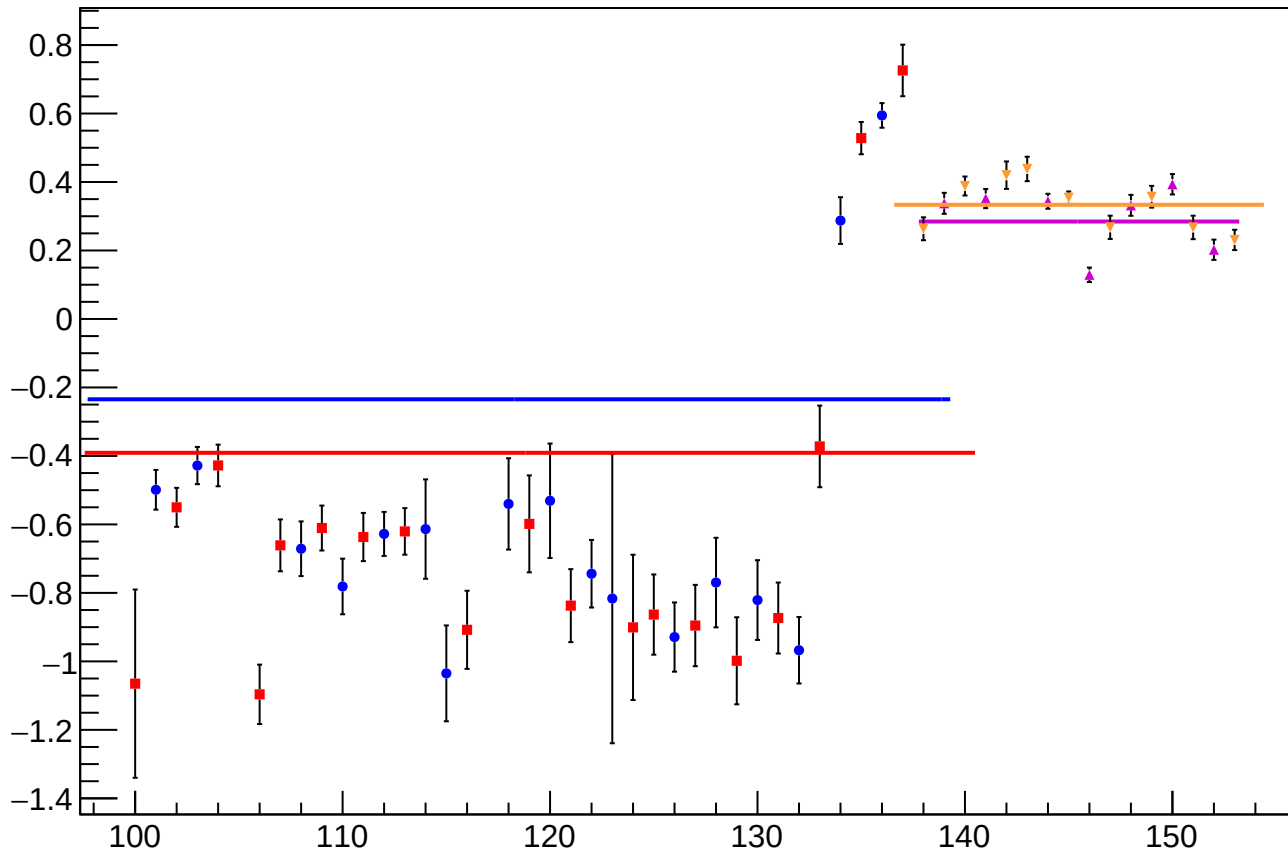
Left In: 5.657 ± 0.195 χ^2/NDF : 257.2/6

+ sign 4.258 ± 0.171 χ^2/NDF : 851.1/25

All: 4.527 ± 0.121 χ^2/NDF : 1464.8/51

- sign 4.795 ± 0.171 χ^2/NDF : 608.7/25

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.333 ± 0.010 χ^2/NDF : 42.9/8

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

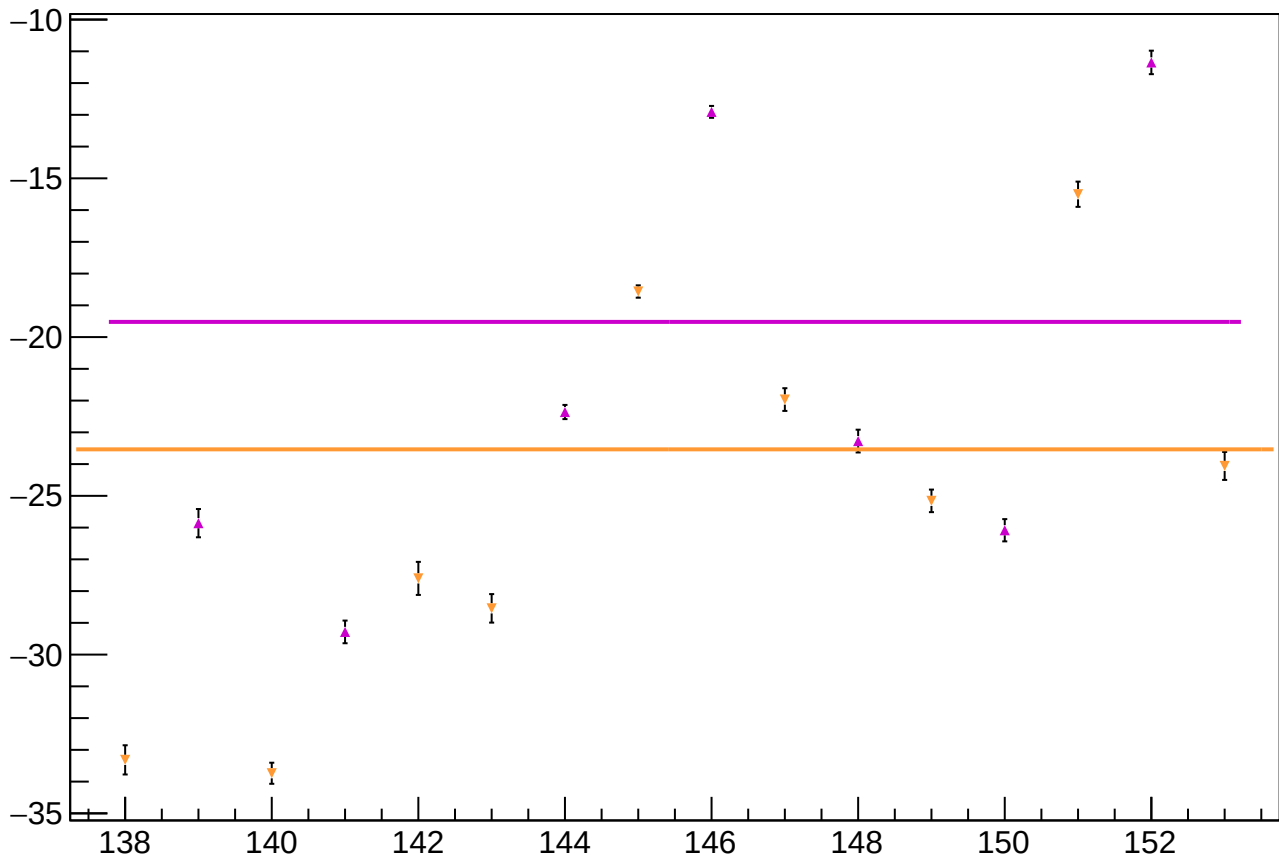
Left In: 0.285 ± 0.010 χ^2/NDF : 93.7/6

+ sign 0.213 ± 0.009 χ^2/NDF : 1715.8/25

All: 0.176 ± 0.006 χ^2/NDF : 3693.7/51

- sign 0.138 ± 0.009 χ^2/NDF : 1940.7/25

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.536+/-0.115 χ^2/NDF : 2682.4/8

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

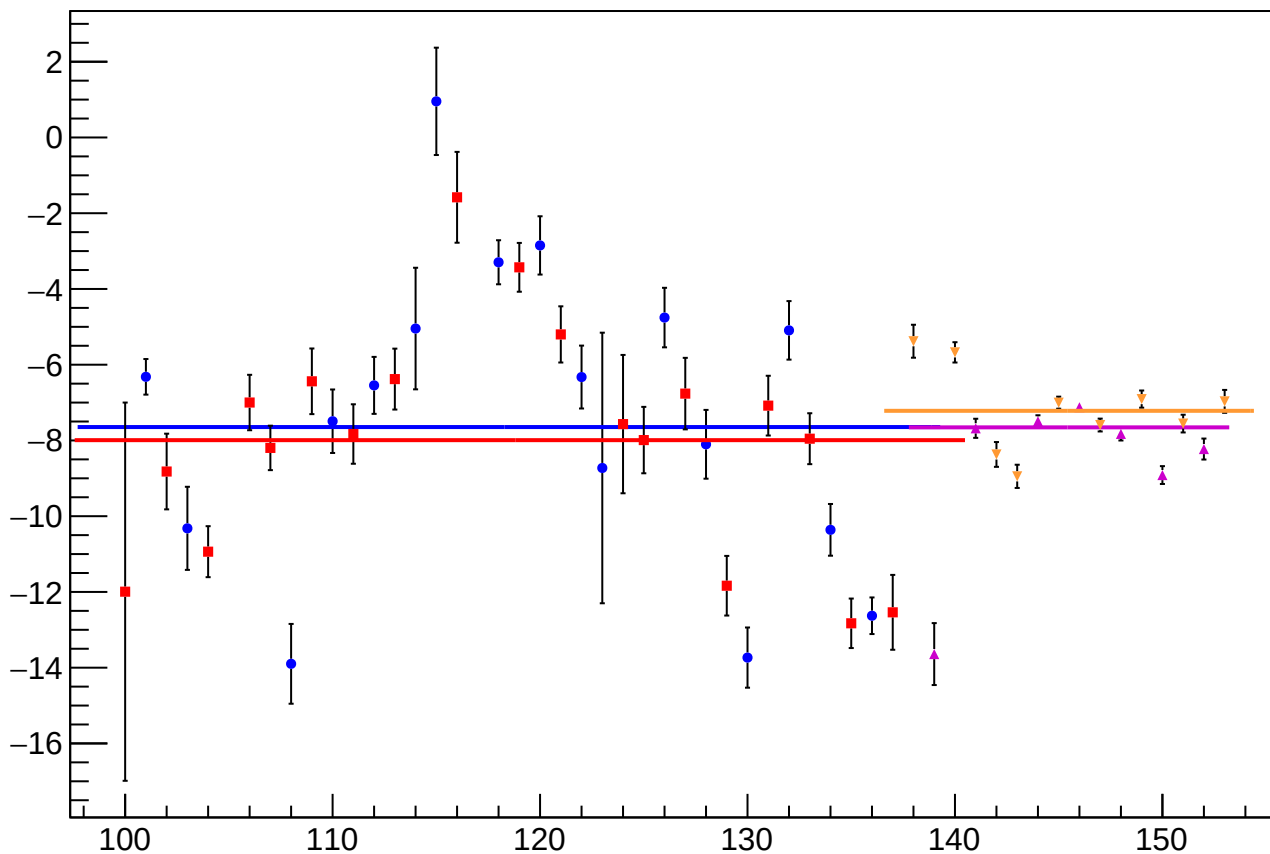
Left In: -19.522+/-0.109 χ^2/NDF : 3306.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.421+/-0.079 χ^2/NDF : 6634.1/15

- 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: -7.218 ± 0.079 χ^2/NDF : 106.5/8

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

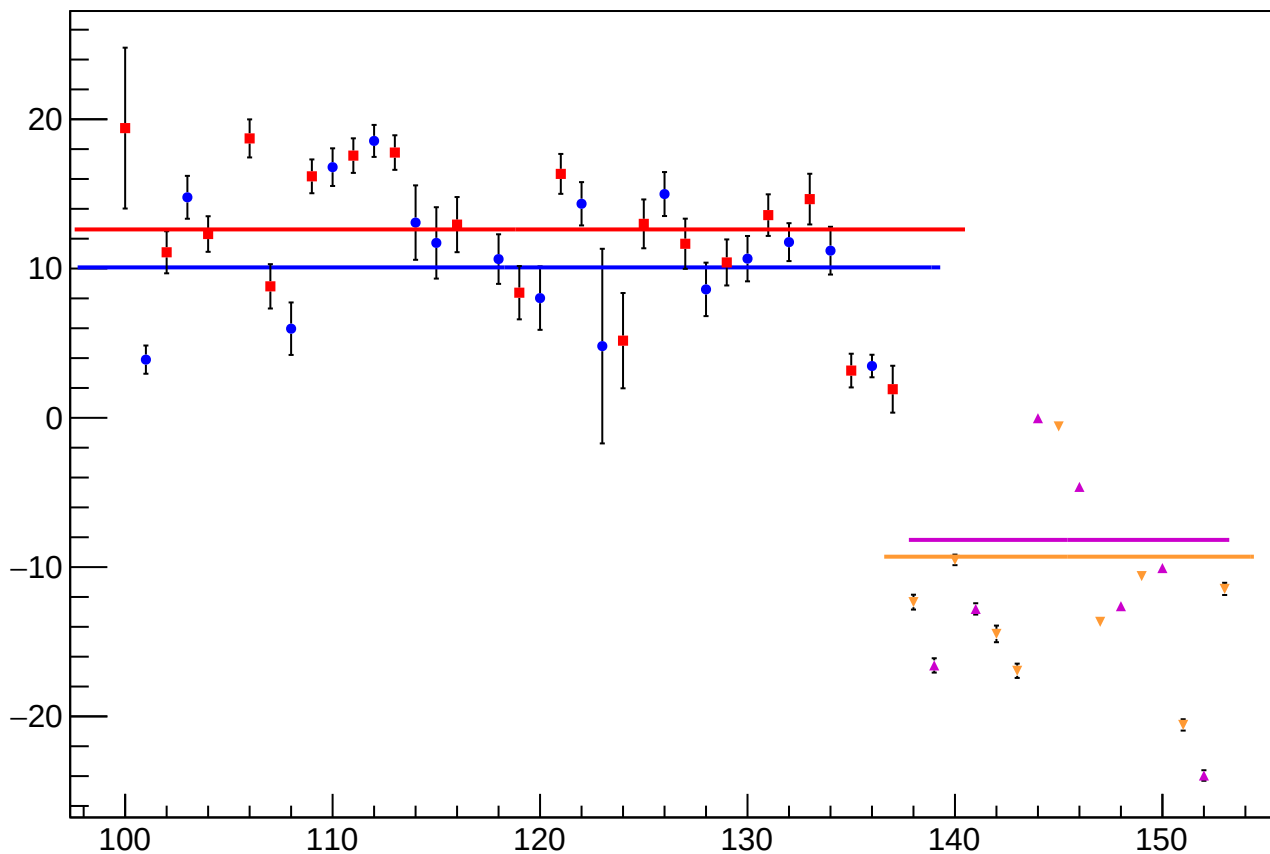
Left In: -7.654 ± 0.072 χ^2/NDF : 109.1/6

+ sign -7.283 ± 0.072 χ^2/NDF : 504.7/25

All: -7.506 ± 0.049 χ^2/NDF : 859.9/51

- sign -7.698 ± 0.067 χ^2/NDF : 337.5/25

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -9.301 ± 0.116 χ^2/NDF : 3262.1/8

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

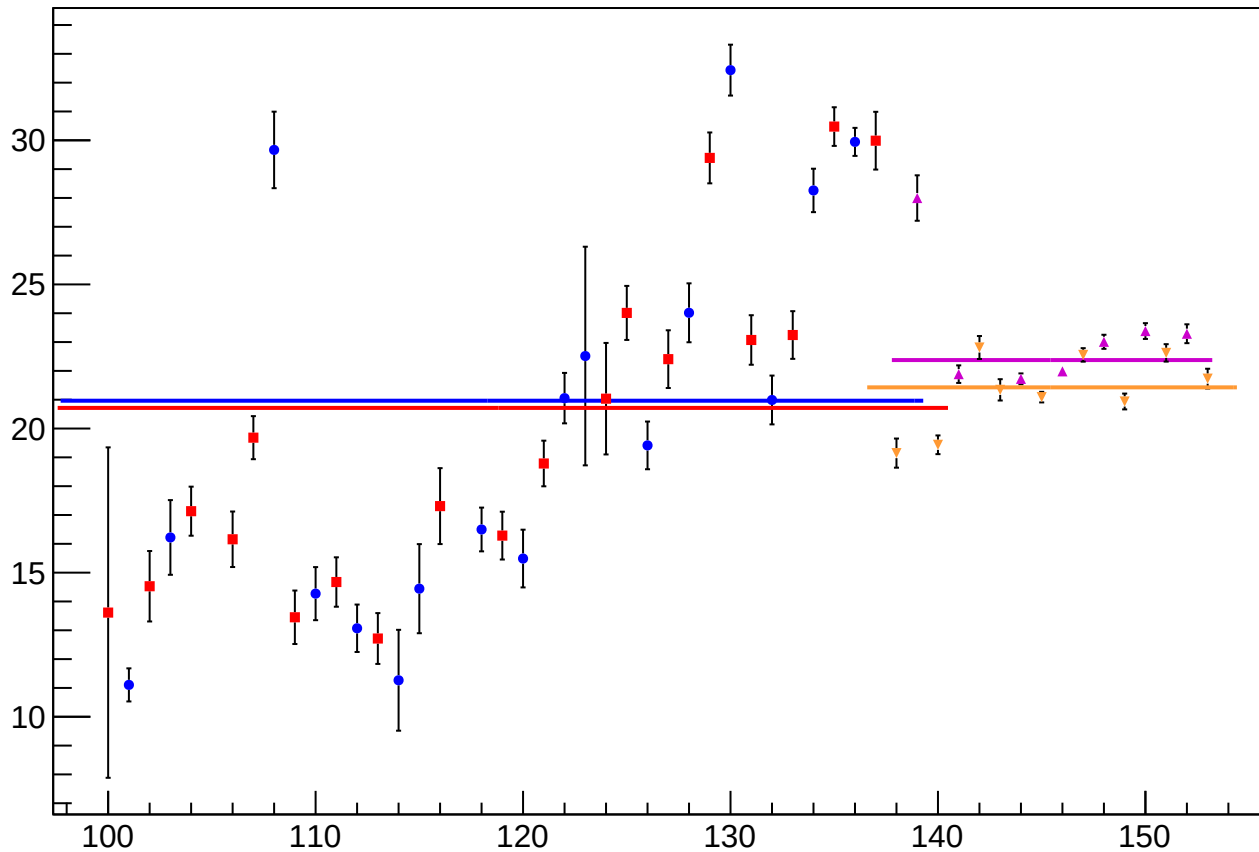
Left In: -8.177 ± 0.108 χ^2/NDF : 4197.2/6

+ sign -7.240 ± 0.110 χ^2/NDF : 6473.8/25

All: -6.680 ± 0.075 χ^2/NDF : 14479.3/51

- sign -6.189 ± 0.103 χ^2/NDF : 7956.7/25

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: 21.428 $\pm$ 0.096 χ^2 /NDF:116.4/8

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

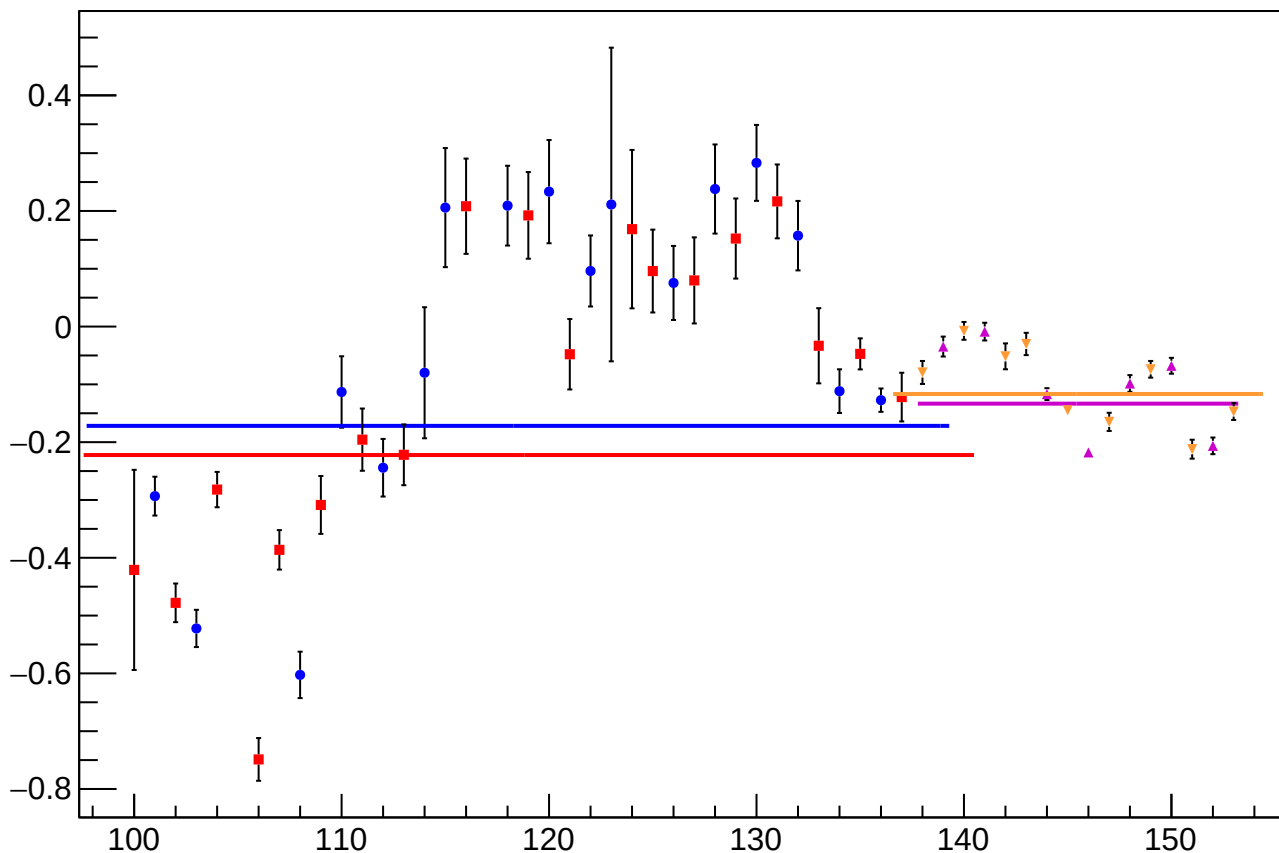
Left In: 22.375 $\pm$ 0.089 χ^2 /NDF:100.5/6

+ sign 21.347 $\pm$ 0.088 χ^2 /NDF: 1345.9/25

All: 21.762 $\pm$ 0.060 χ^2 /NDF: 2270.4/51

- sign 22.128 $\pm$ 0.082 χ^2 /NDF: 882.2/25

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.117 ± 0.005 χ^2/NDF : 151.0/8

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

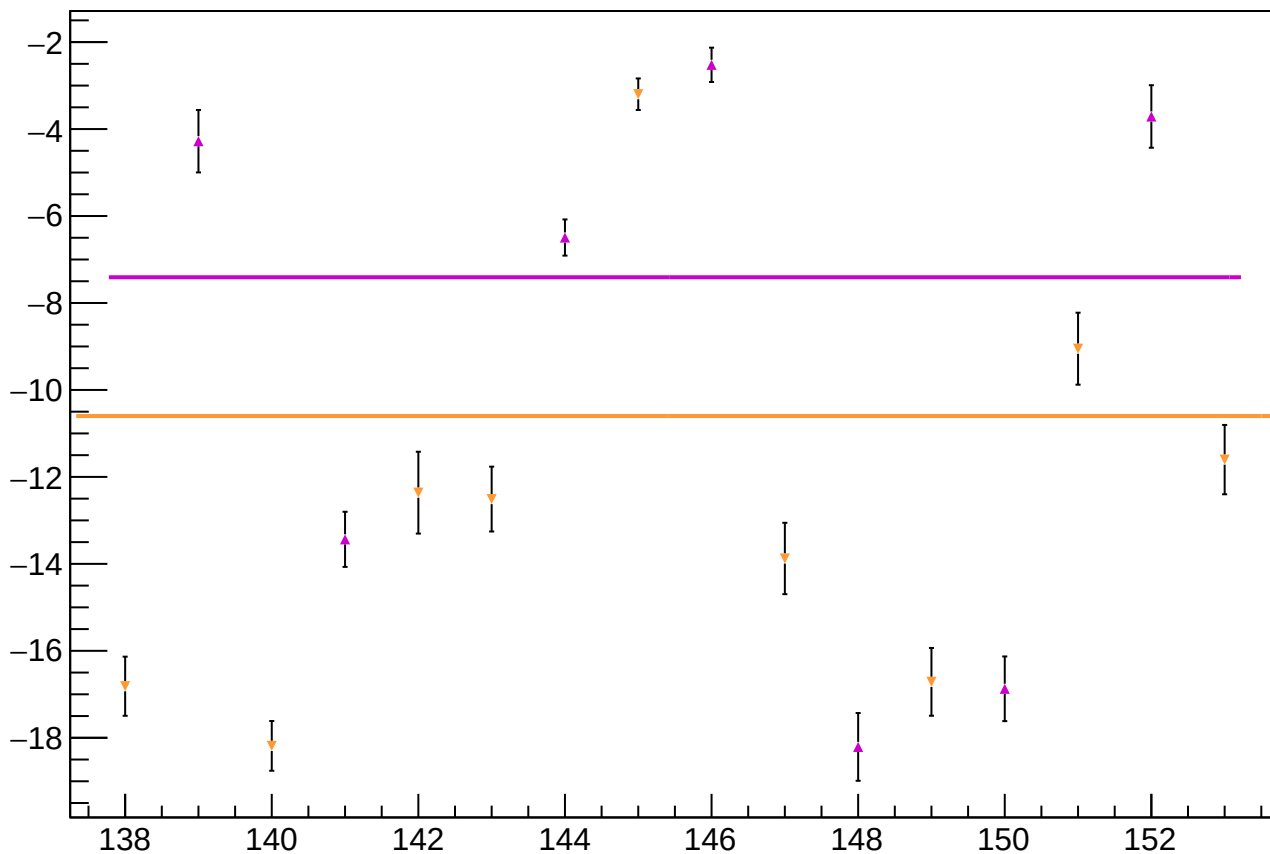
Left In: -0.133 ± 0.005 χ^2/NDF : 255.5/6

+ sign -0.125 ± 0.004 χ^2/NDF : 635.7/25

All: -0.136 ± 0.003 χ^2/NDF : 1495.9/51

- sign -0.147 ± 0.004 χ^2/NDF : 847.5/25

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.600+/-0.214 χ^2/NDF : 768.4/8

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

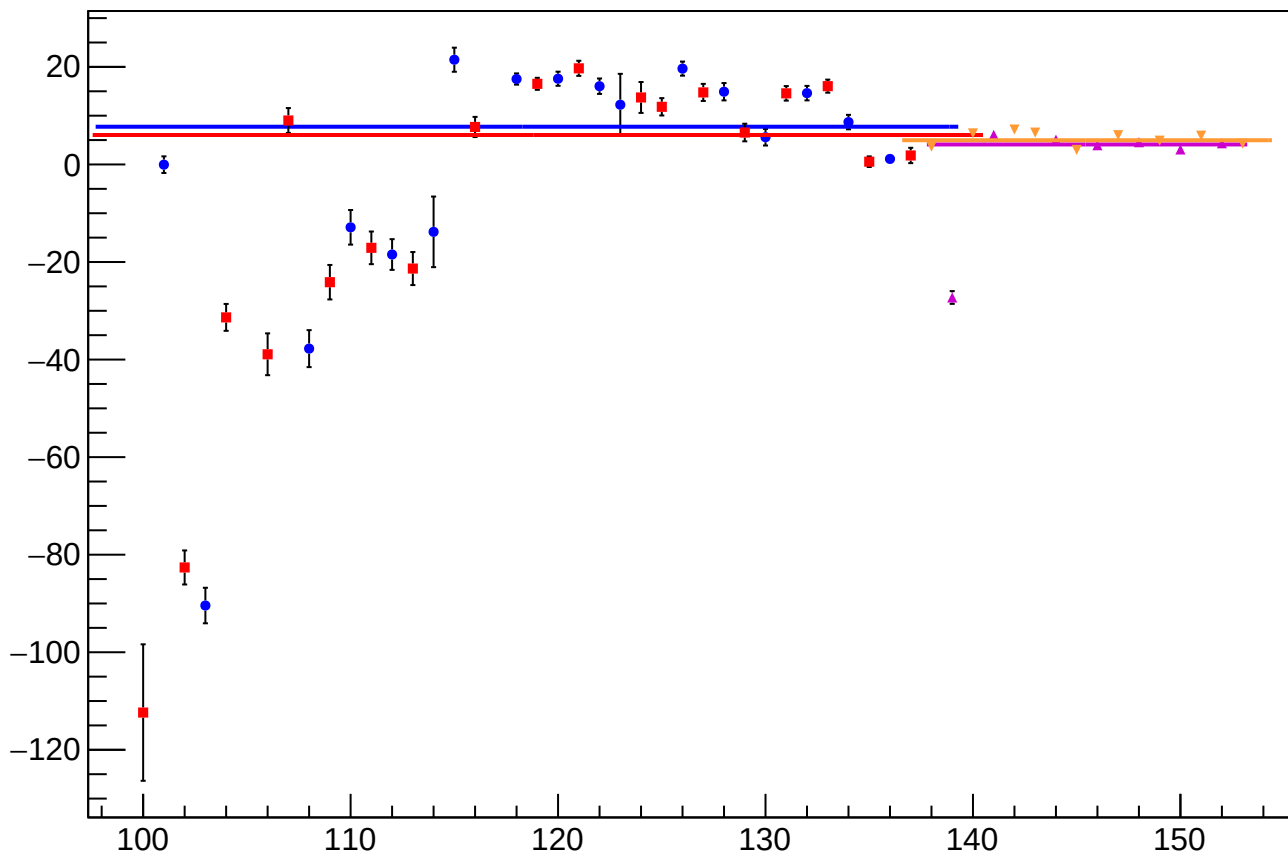
Left In: -7.408+/-0.213 χ^2/NDF : 648.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.000+/-0.151 χ^2/NDF : 1528.5/15

- 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: 4.964 ± 0.151 $\chi^2/\text{NDF}: 96.0/8$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

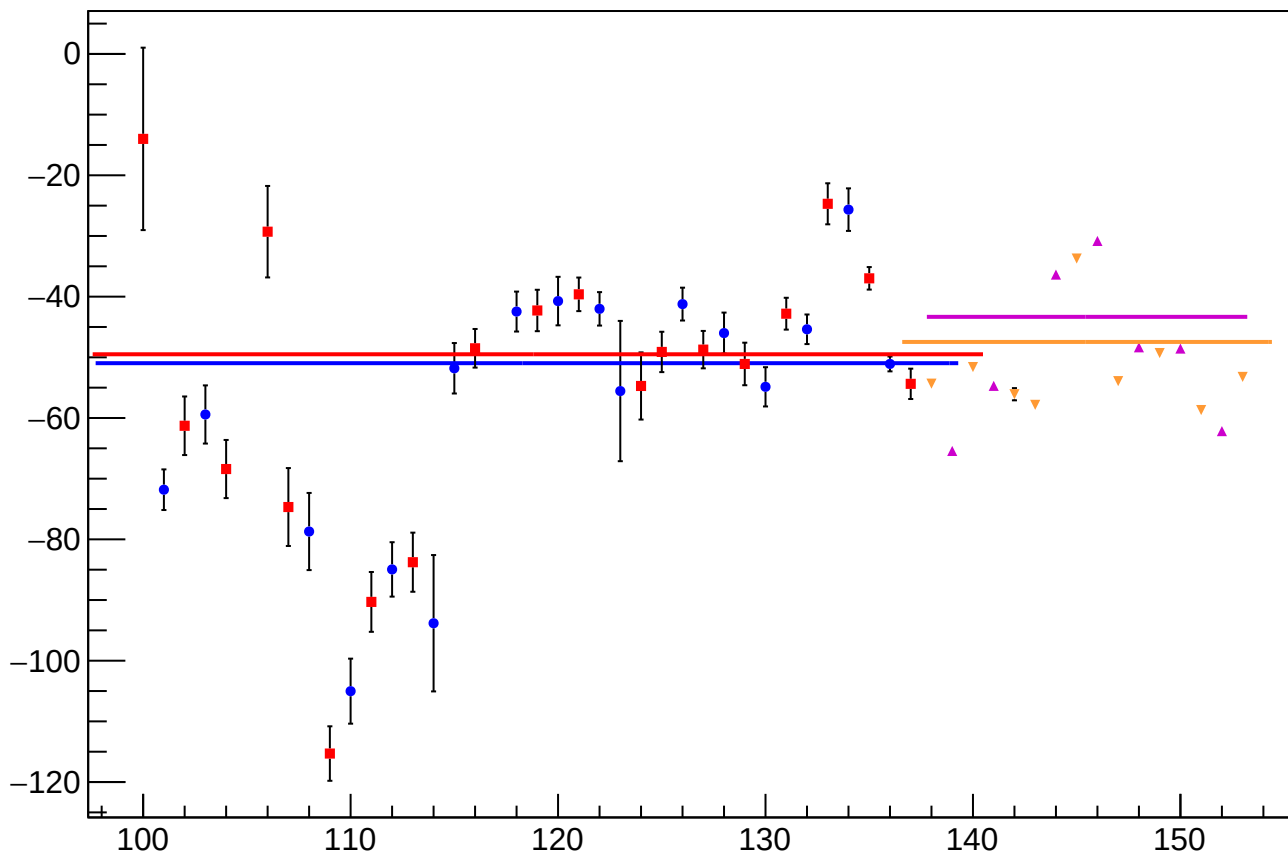
Left In: 4.100 ± 0.146 $\chi^2/\text{NDF}: 612.5/6$

+ sign 5.305 ± 0.141 $\chi^2/\text{NDF}: 1495.9/25$

All: 4.790 ± 0.099 $\chi^2/\text{NDF}: 3664.6/51$

- sign 4.297 ± 0.138 $\chi^2/\text{NDF}: 2142.6/25$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -47.464 ± 0.219 χ^2/NDF : 1972.9/8

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

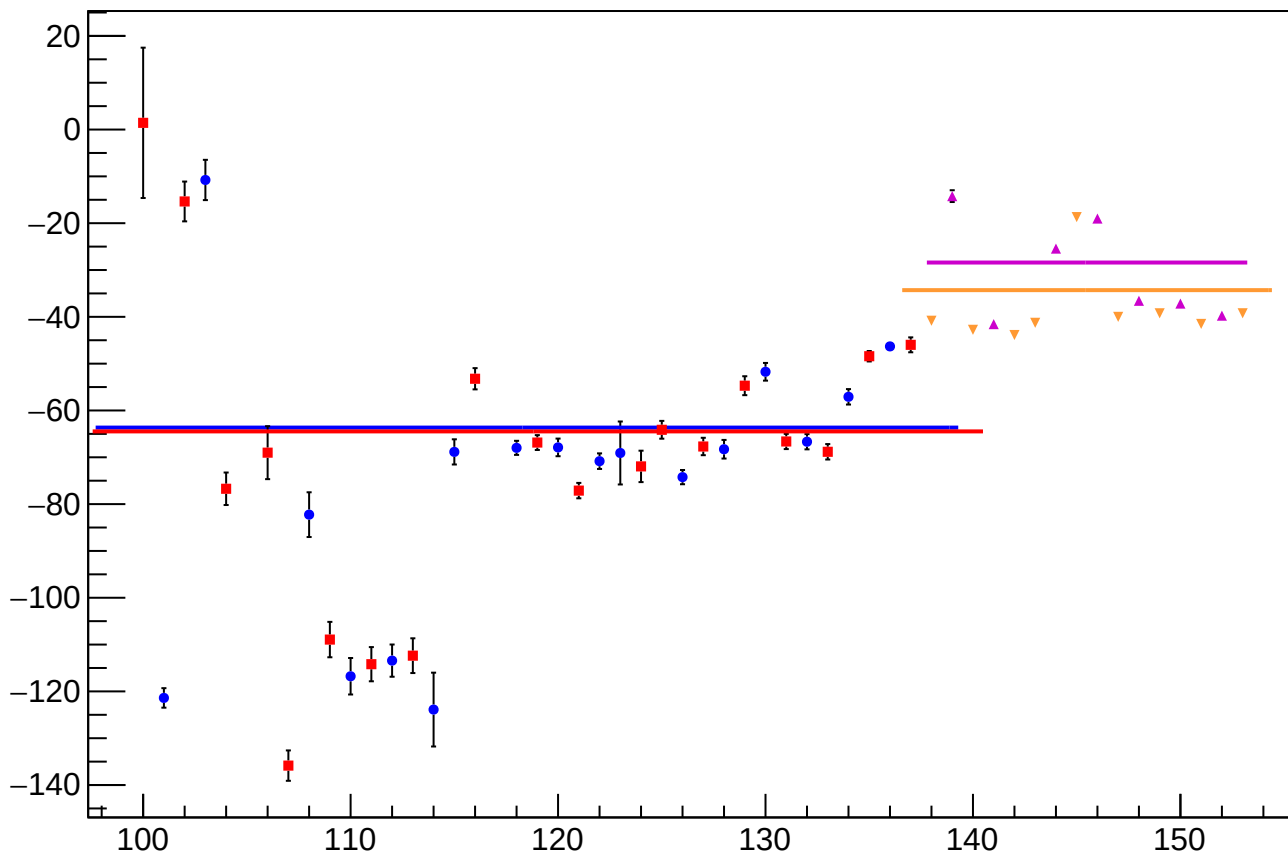
Left In: -43.328 ± 0.214 χ^2/NDF : 3276.5/6

+ sign -47.749 ± 0.210 χ^2/NDF : 2326.2/25

All: -45.709 ± 0.147 χ^2/NDF : 6353.6/51

- sign -43.742 ± 0.207 χ^2/NDF : 3842.7/25

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -34.299 ± 0.183 χ^2/NDF : 3166.3/8

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

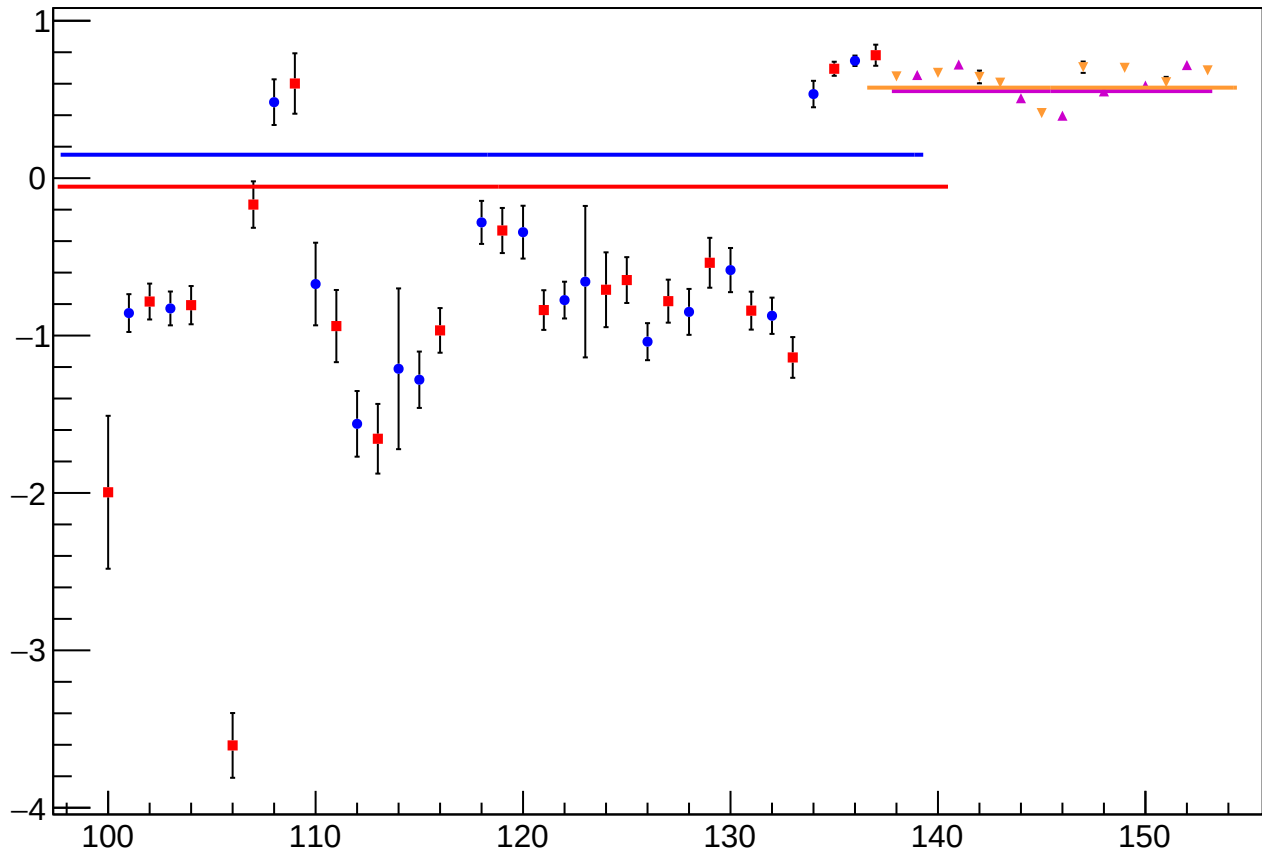
Left In: -28.402 ± 0.179 χ^2/NDF : 2461.8/6

+ sign -38.543 ± 0.169 χ^2/NDF : 8898.0/25

All: -35.631 ± 0.119 χ^2/NDF : 18464.4/51

- sign -32.768 ± 0.168 χ^2/NDF : 8979.9/25

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16

Left Out: 0.575 $\pm$ 0.009 χ^2 /NDF:182.2/8

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

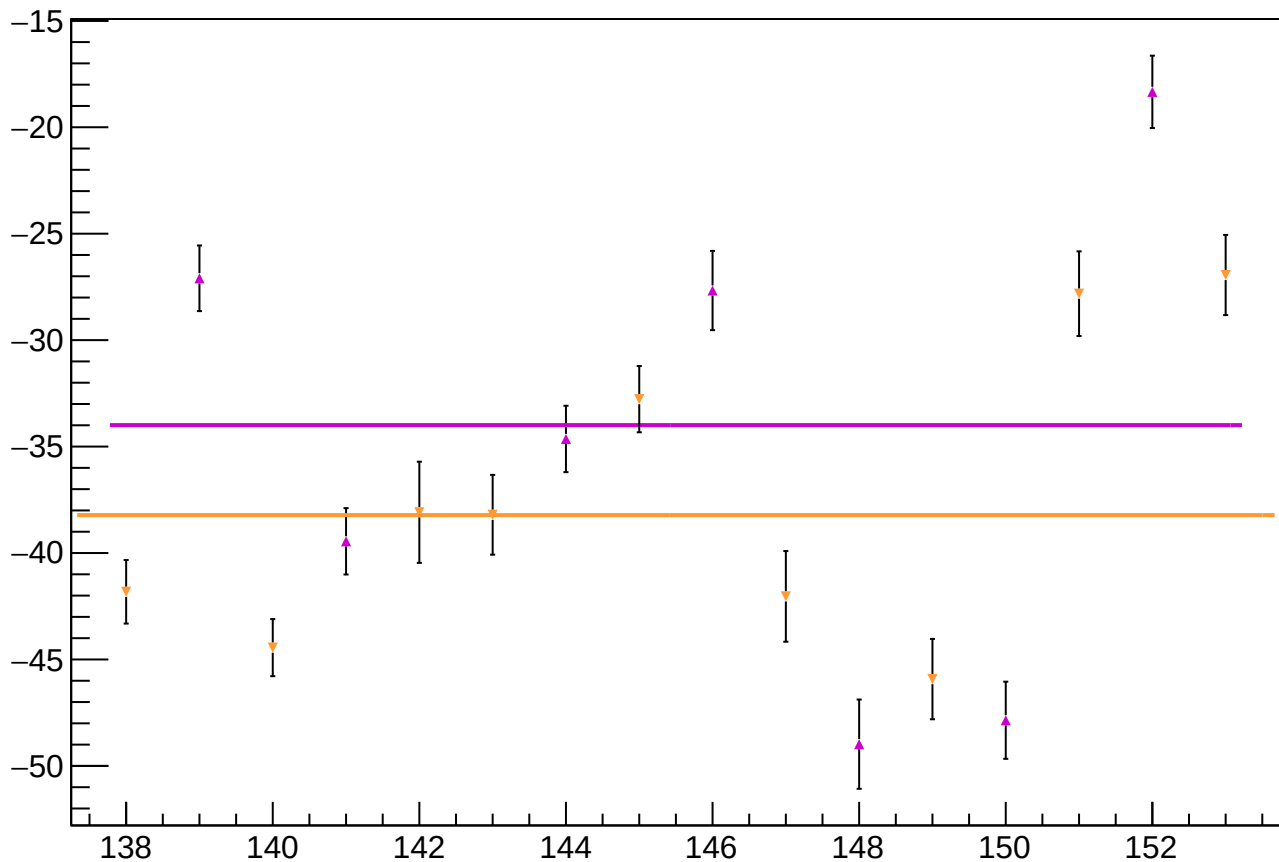
Left In: 0.553 $\pm$ 0.009 χ^2 /NDF:170.5/6

+ sign 0.523 $\pm$ 0.008 χ^2 /NDF: 1449.6/25

All: 0.506 $\pm$ 0.006 χ^2 /NDF: 3275.8/51

- sign 0.487 $\pm$ 0.009 χ^2 /NDF: 1817.3/25

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: -38.218 $\pm$ 0.586 χ^2 /NDF:122.7/8

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

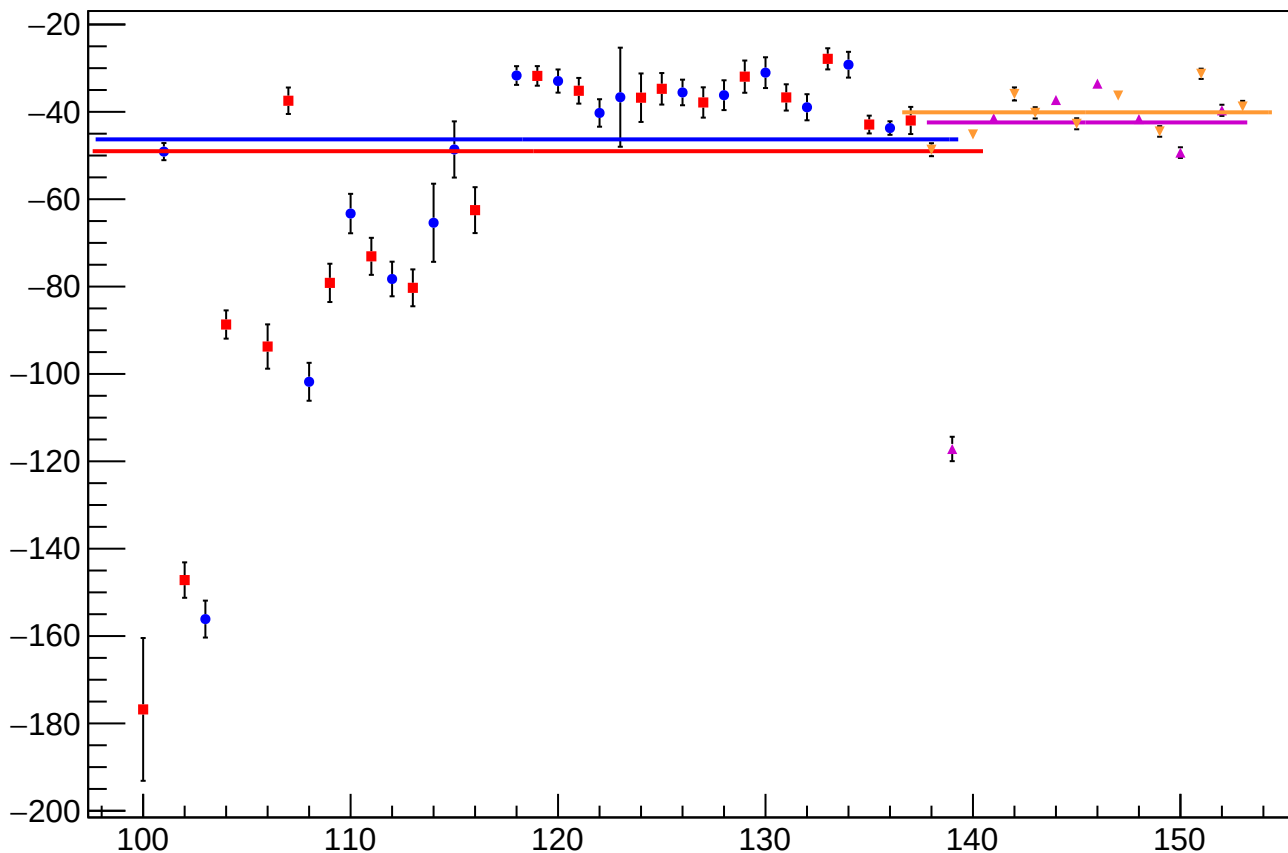
Left In: -33.991 $\pm$ 0.644 χ^2 /NDF:238.4/6

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

All: -36.305 $\pm$ 0.433 χ^2 /NDF: 384.7/15

- 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: -40.107 ± 0.411 $\chi^2/\text{NDF}: 151.4/8$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

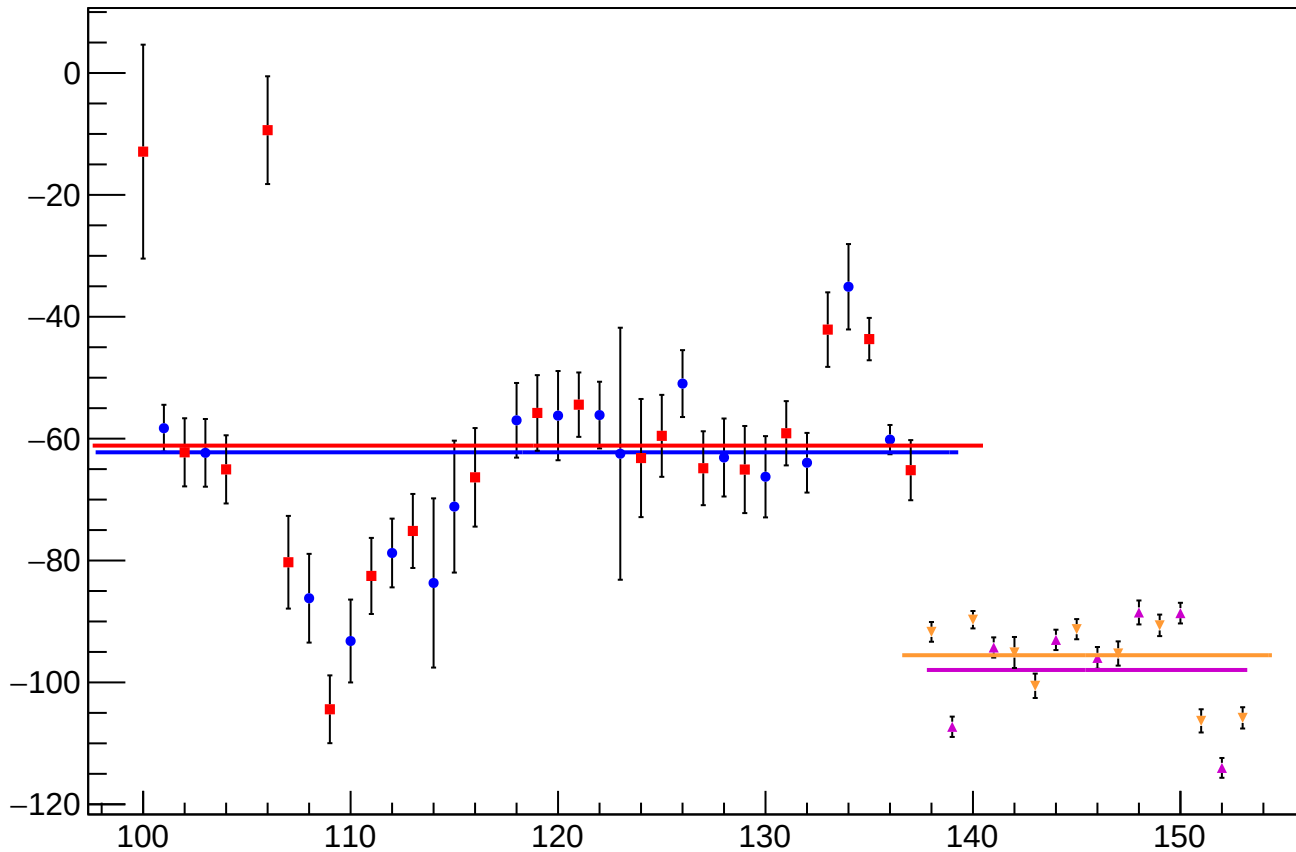
Left In: -42.424 ± 0.459 $\chi^2/\text{NDF}: 836.9/6$

+ sign -41.618 ± 0.357 $\chi^2/\text{NDF}: 1290.9/25$

All: -42.771 ± 0.264 $\chi^2/\text{NDF}: 3477.2/51$

- sign -44.171 ± 0.393 $\chi^2/\text{NDF}: 2163.2/25$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -95.538 ± 0.596 χ^2/NDF : 109.6/8

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

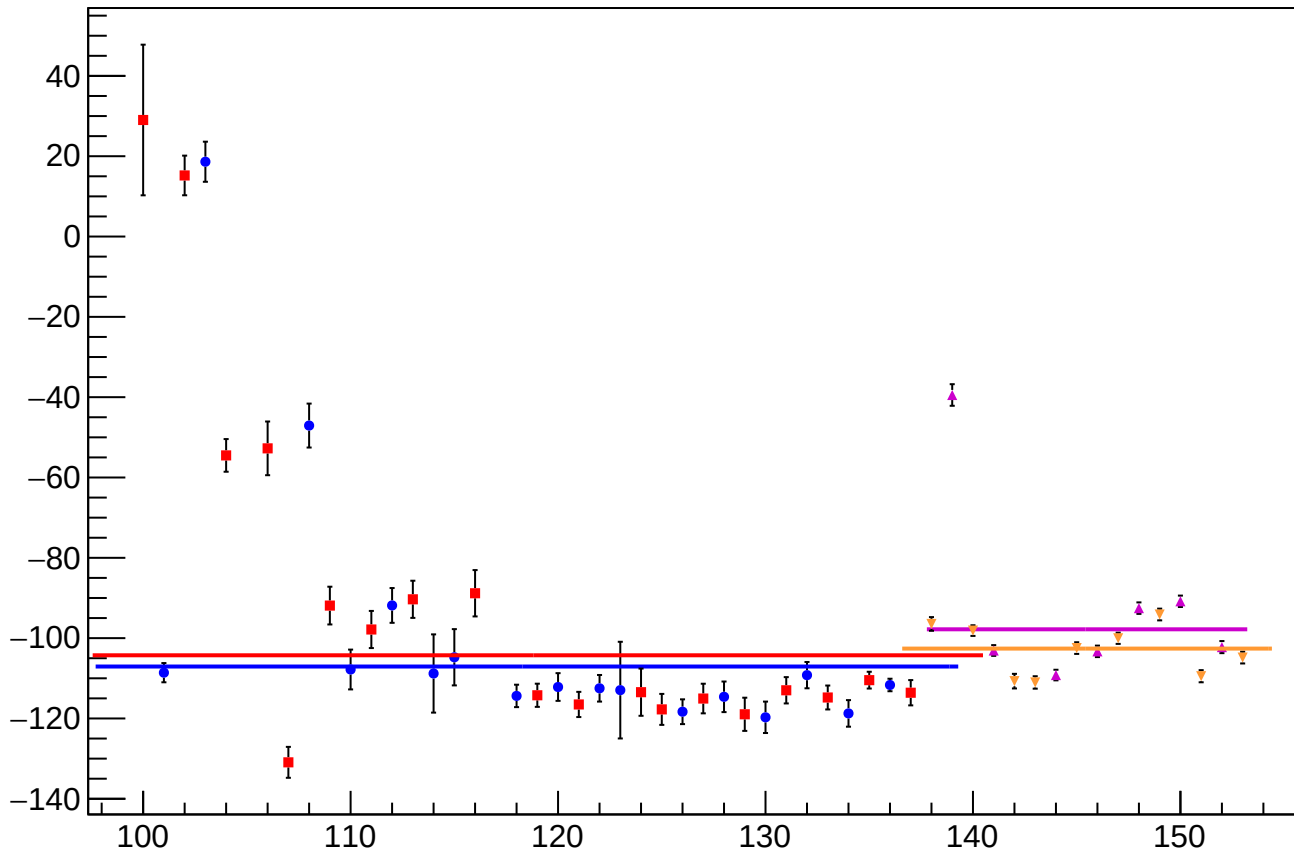
Left In: -97.958 ± 0.648 χ^2/NDF : 197.2/6

+ sign -89.836 ± 0.542 χ^2/NDF : 712.3/25

All: -90.512 ± 0.398 χ^2/NDF : 1662.0/51

- sign -91.304 ± 0.586 χ^2/NDF : 946.3/25

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF : 828.4/16

Left Out: -102.602+/-0.501 χ^2/NDF :134.0/8

Right Out: -104.269+/-0.861 χ^2/NDF : 1018.6/18

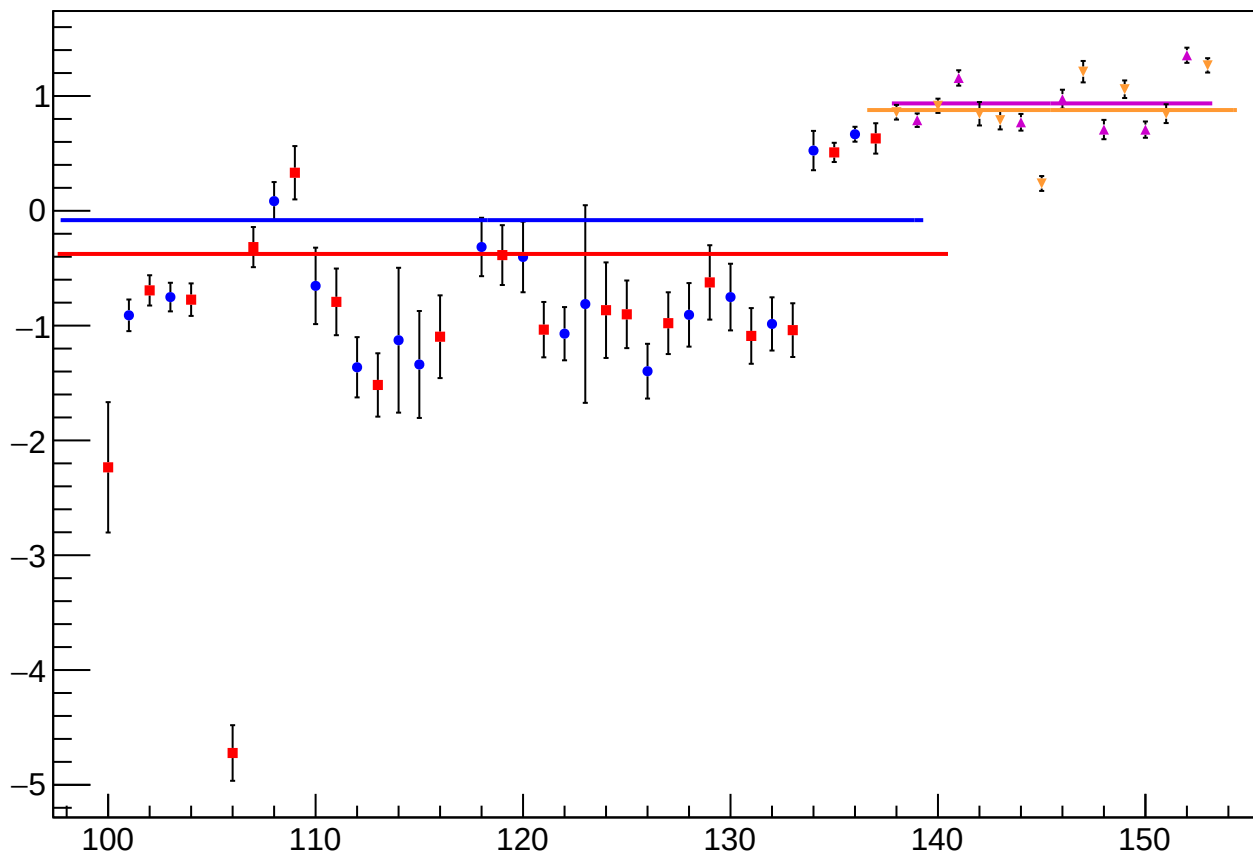
Left In: -97.800+/-0.560 χ^2/NDF :621.8/6

+ sign -103.834+/-0.426 χ^2/NDF : 984.2/25

All: -101.978+/-0.316 χ^2/NDF : 2706.4/51

- sign -99.724+/-0.470 χ^2/NDF : 1680.1/25

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.878 ± 0.024 χ^2/NDF : 156.4/8

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

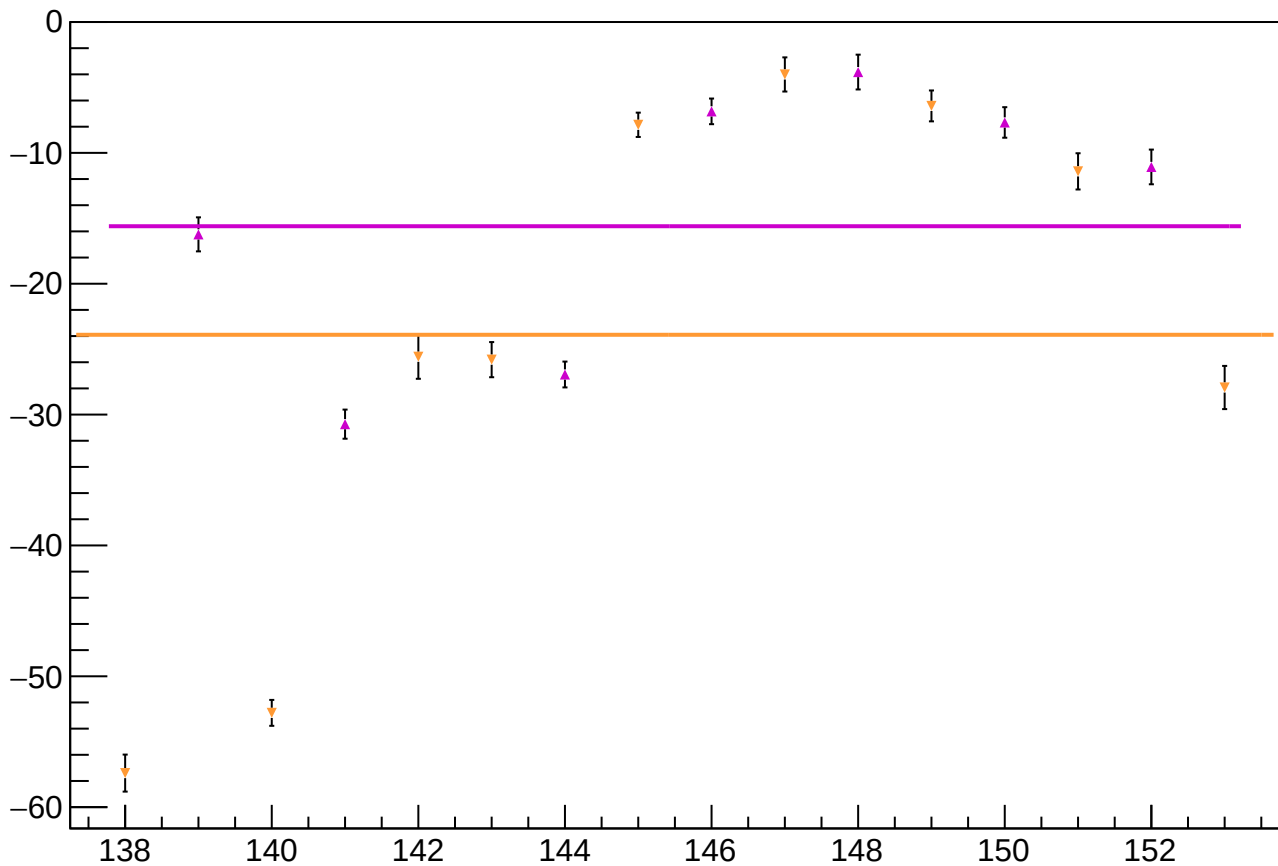
Left In: 0.935 ± 0.027 χ^2/NDF : 80.3/6

+ sign 0.637 ± 0.021 χ^2/NDF : 873.0/25

All: 0.612 ± 0.015 χ^2/NDF : 2192.4/51

- sign 0.584 ± 0.023 χ^2/NDF : 1316.4/25

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.902+/-0.416 χ^2/NDF : 2252.5/8

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

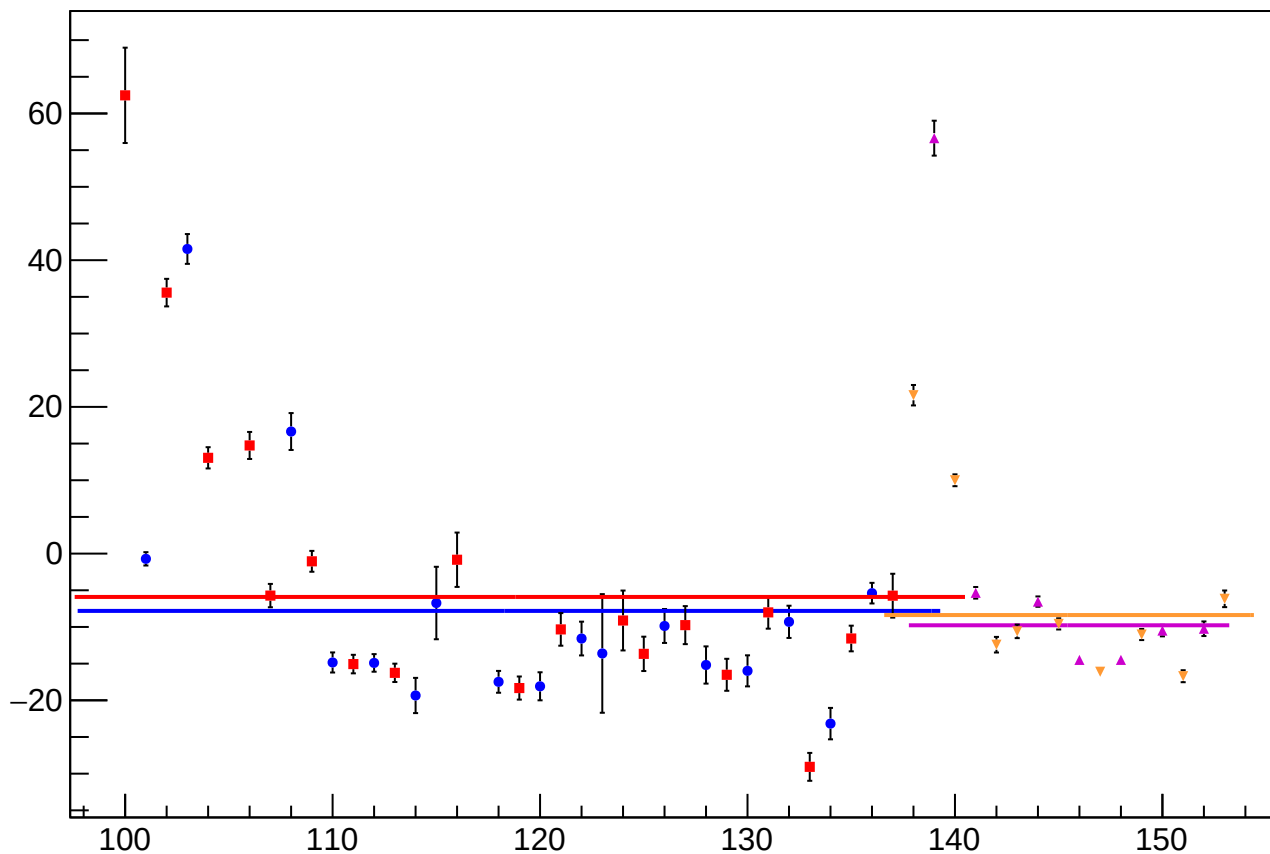
Left In: -15.606+/-0.433 χ^2/NDF : 533.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.919+/-0.300 χ^2/NDF : 2976.7/15

- 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: -8.378 ± 0.284 χ^2/NDF : 1275.8/8

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

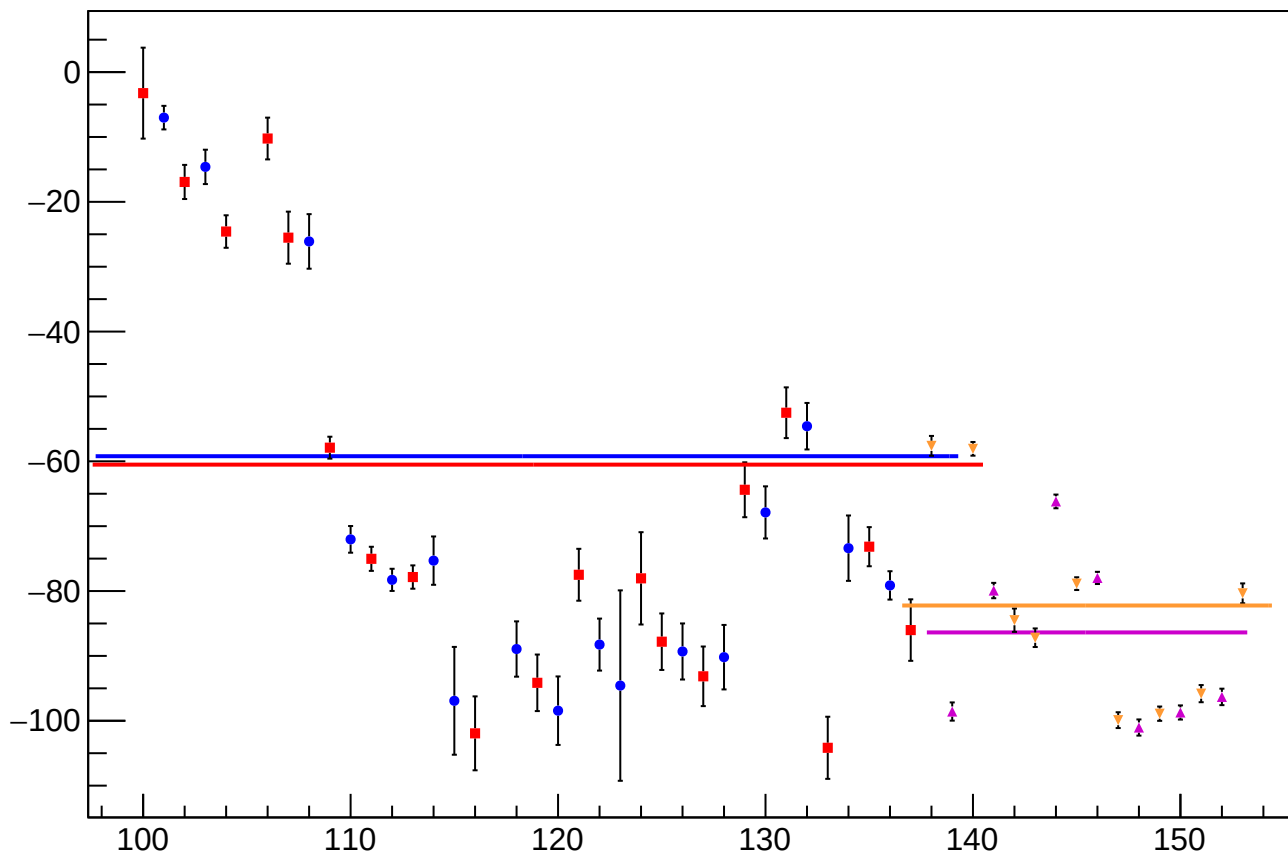
Left In: -9.772 ± 0.296 χ^2/NDF : 943.0/6

+ sign -8.204 ± 0.236 χ^2/NDF : 2259.7/25

All: -8.361 ± 0.170 χ^2/NDF : 4551.6/51

- sign -8.527 ± 0.244 χ^2/NDF : 2291.0/25

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.229 ± 0.421 χ^2/NDF : 1353.0/8

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

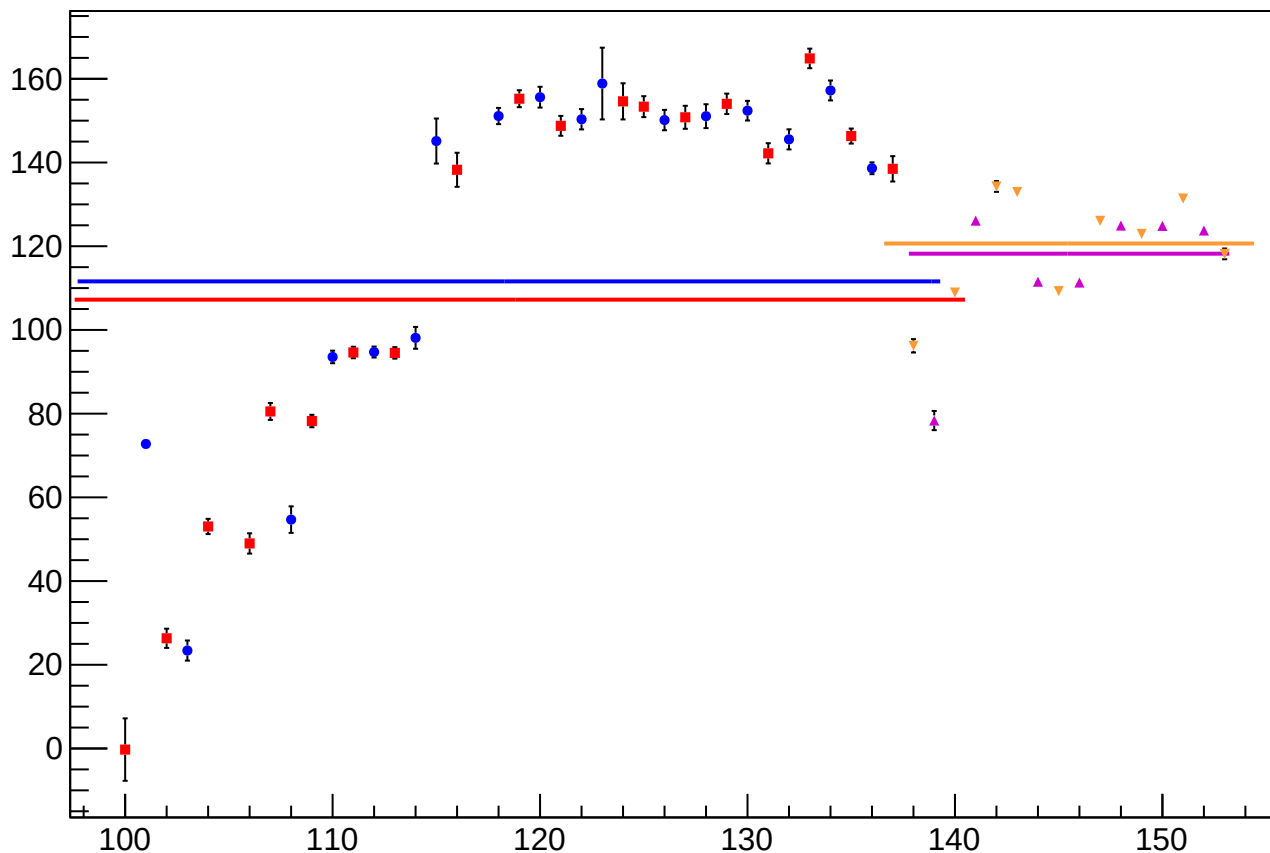
Left In: -86.381 ± 0.432 χ^2/NDF : 877.1/6

+ sign -76.646 ± 0.366 χ^2/NDF : 3798.7/25

All: -77.965 ± 0.260 χ^2/NDF : 7065.7/51

- sign -79.298 ± 0.368 χ^2/NDF : 3241.0/25

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: 120.649 $\pm$ 0.349 χ^2 /NDF:934.8/8

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

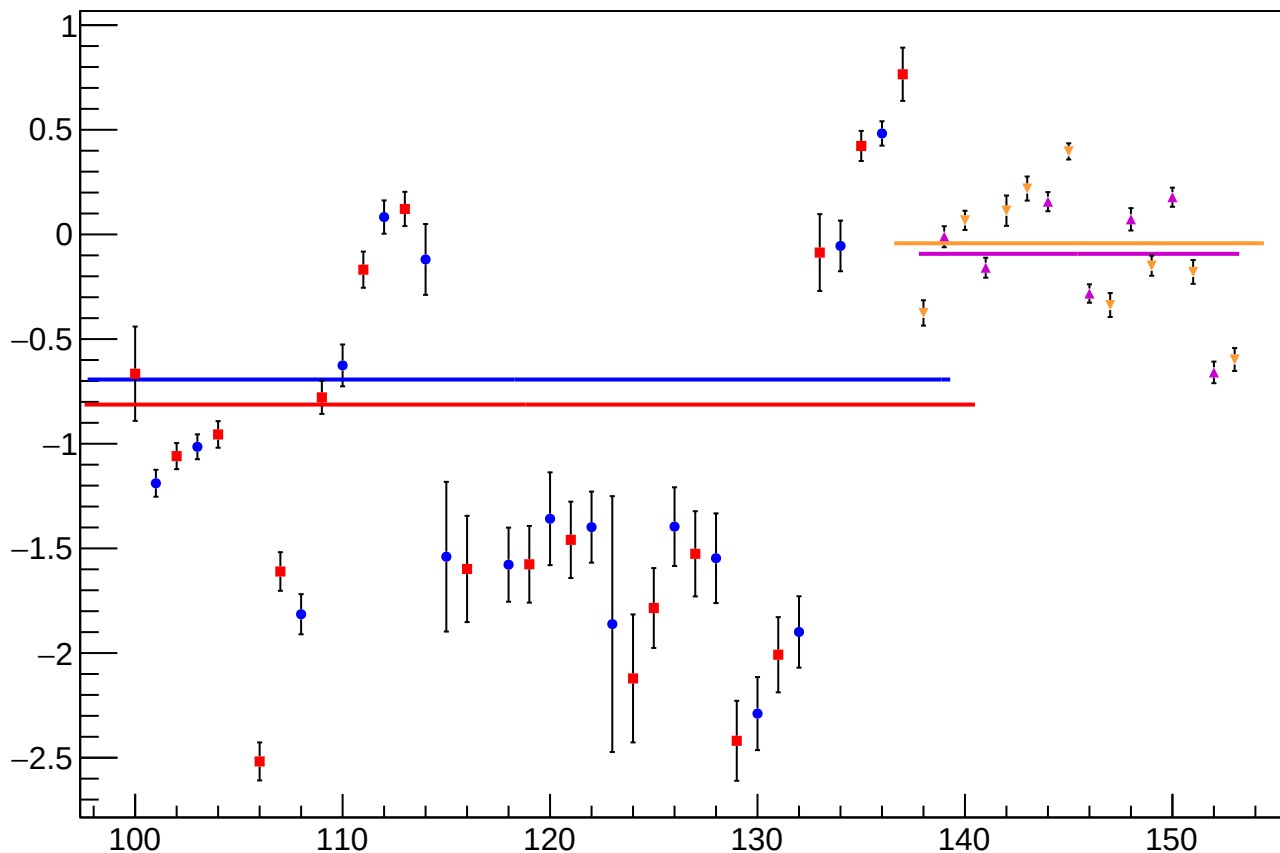
Left In: 118.219 $\pm$ 0.364 χ^2 /NDF:645.2/6

+ sign 117.579 $\pm$ 0.283 χ^2 /NDF: 7122.9/25

All: 115.983 $\pm$ 0.203 χ^2 /NDF: 15196.5/51

- sign 114.294 $\pm$ 0.292 χ^2 /NDF: 8008.4/25

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.042 ± 0.017 χ^2/NDF : 330.8/8

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

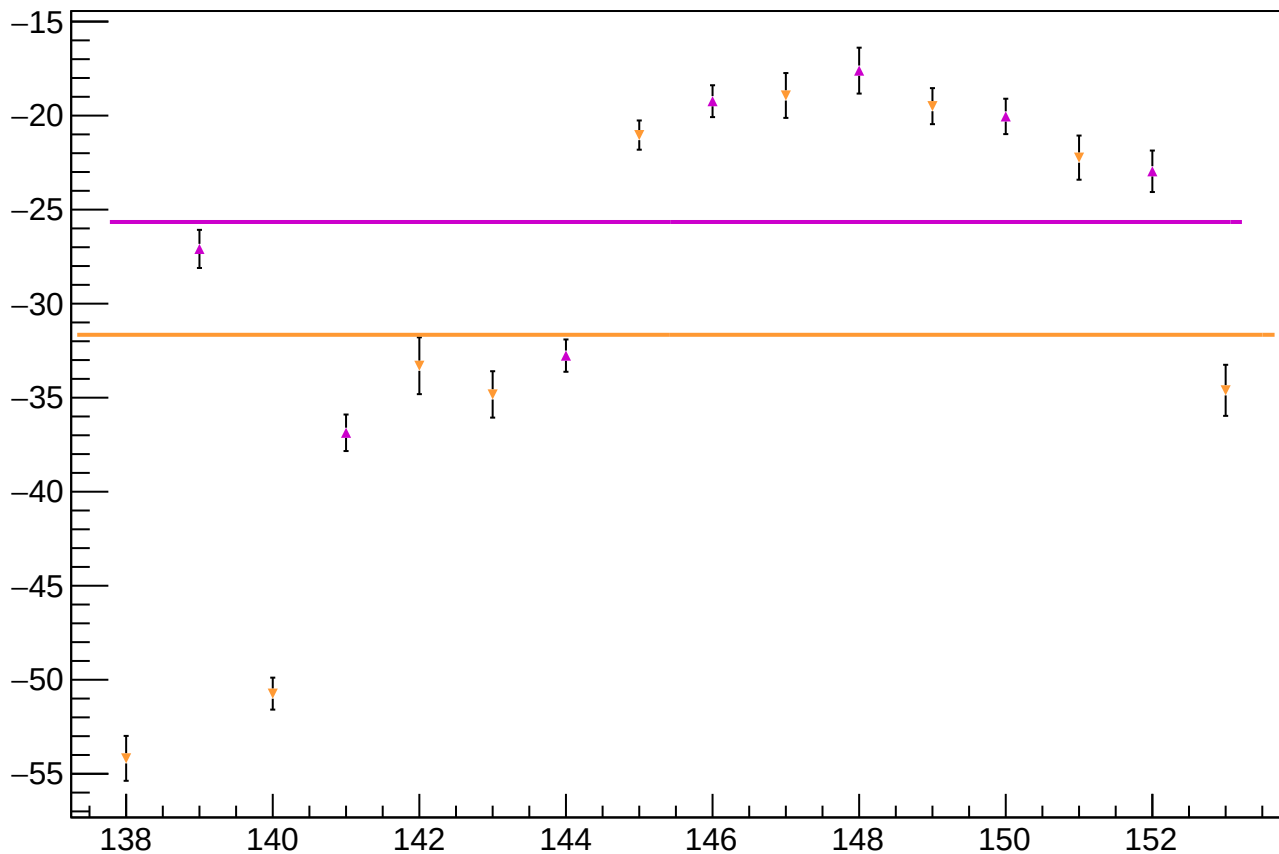
Left In: -0.093 ± 0.018 χ^2/NDF : 217.7/6

+ sign -0.246 ± 0.014 χ^2/NDF : 1761.7/25

All: -0.298 ± 0.010 χ^2/NDF : 3878.5/51

- sign -0.350 ± 0.015 χ^2/NDF : 2091.1/25

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.656+/-0.356 χ^2/NDF :1398.9/8

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

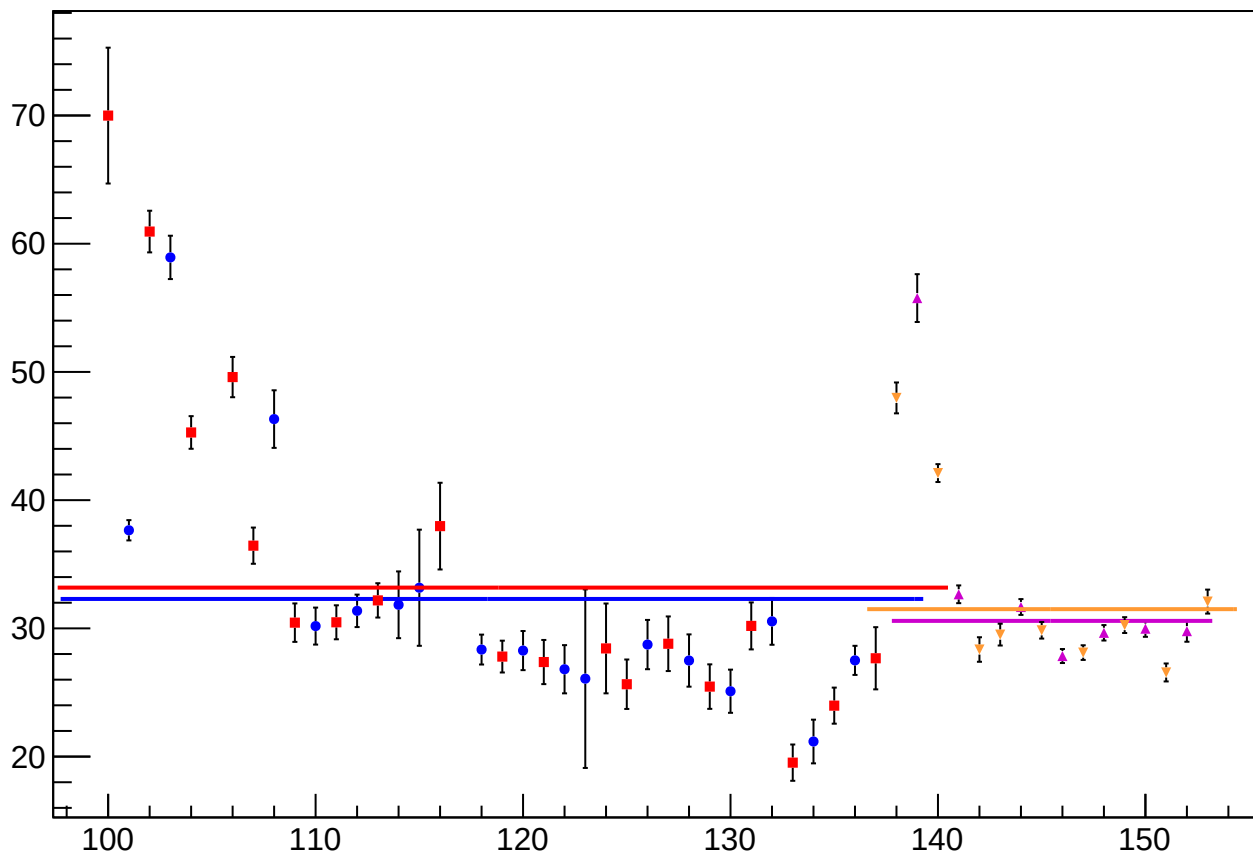
Left In: -25.658+/-0.367 χ^2/NDF :346.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.754+/-0.256 χ^2/NDF : 1882.7/15

- 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: 31.499 $\pm$ 0.246 χ^2 /NDF: 530.8/8

Right Out: 33.180 $\pm$ 0.379 χ^2 /NDF: 770.3/18

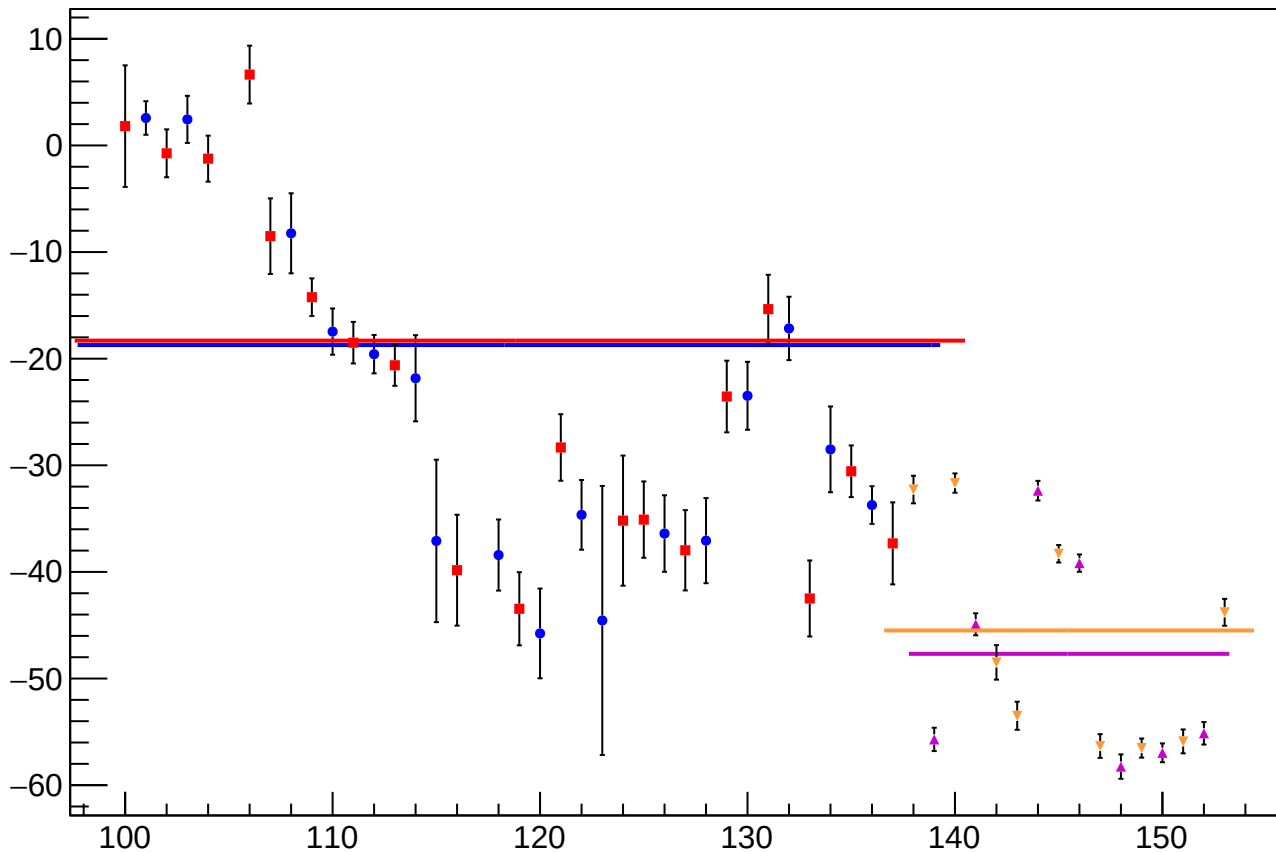
Left In: 30.584 $\pm$ 0.258 χ^2 /NDF: 223.7/6

+ sign 31.741 $\pm$ 0.205 χ^2 /NDF: 986.2/25

All: 31.579 $\pm$ 0.148 χ^2 /NDF: 2013.4/51

- sign 31.405 $\pm$ 0.213 χ^2 /NDF: 1026.0/25

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -45.490 ± 0.359 χ^2/NDF : 789.1/8

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

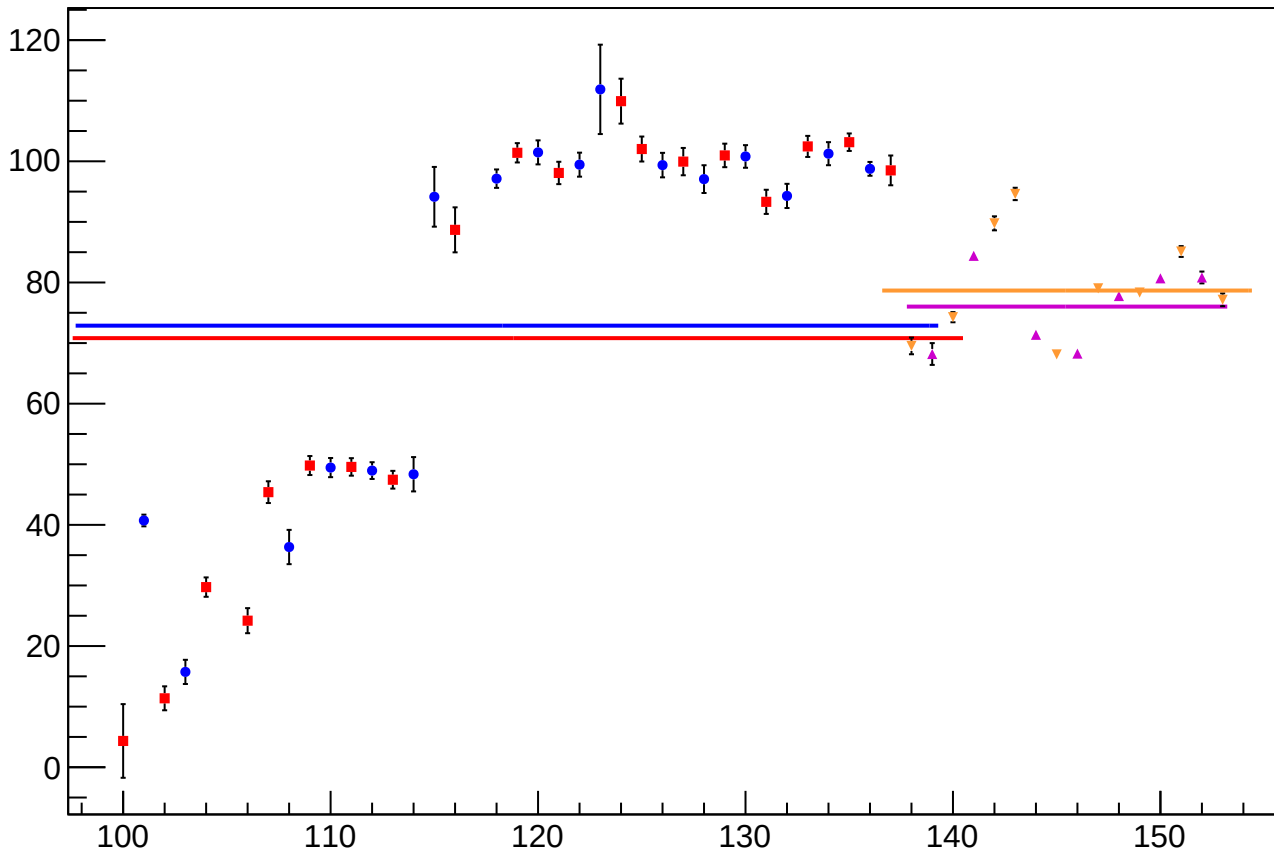
Left In: -47.683 ± 0.367 χ^2/NDF : 692.9/6

+ sign -39.444 ± 0.316 χ^2/NDF : 2561.7/25

All: -39.951 ± 0.225 χ^2/NDF : 5304.4/51

- sign -40.466 ± 0.319 χ^2/NDF : 2737.5/25

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF : 4737.9/16

Left Out: 78.671+/-0.301 χ^2/NDF : 664.8/8

Right Out: 70.815+/-0.433 χ^2/NDF : 5489.3/18

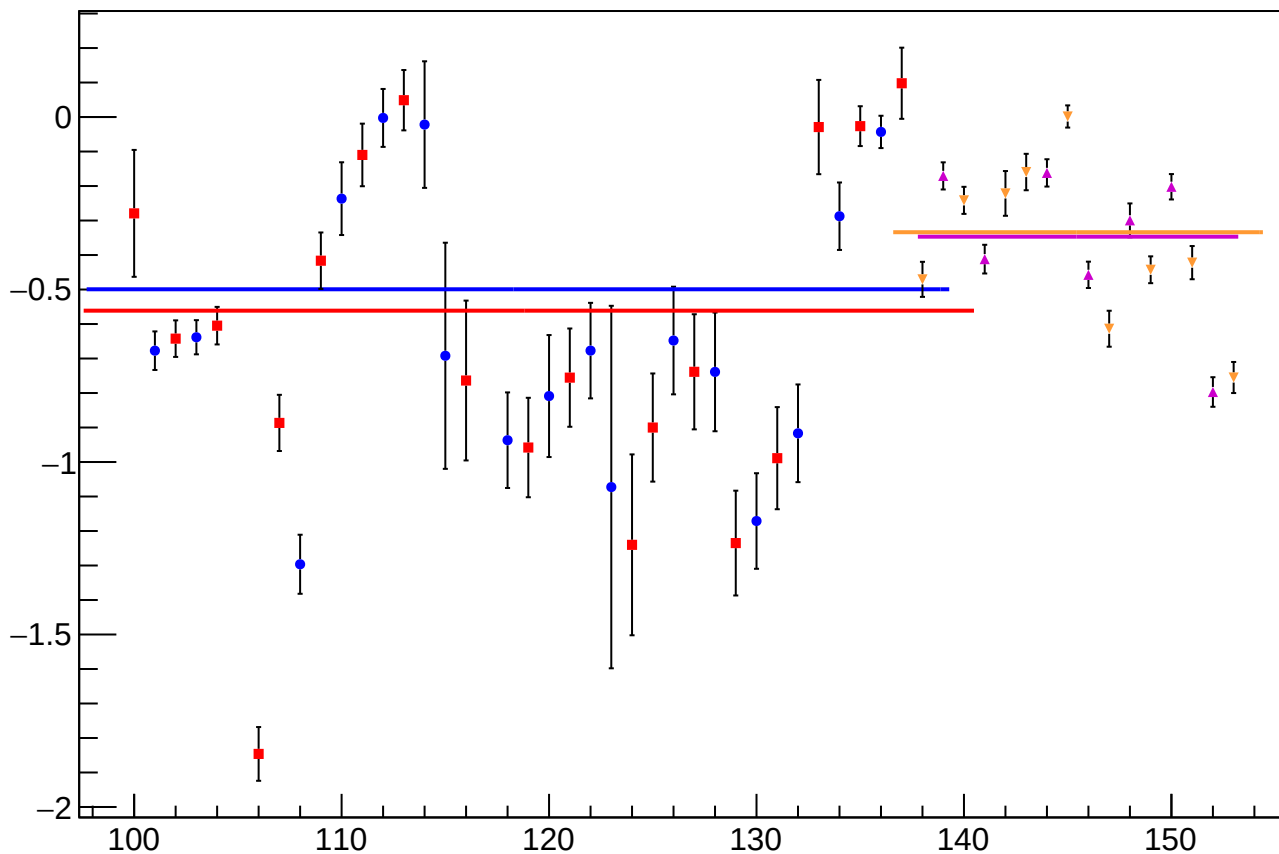
Left In: 76.021+/-0.314 χ^2/NDF : 361.3/6

+ sign 76.742+/-0.246 χ^2/NDF : 5526.4/25

All: 75.528+/-0.177 χ^2/NDF : 11522.2/51

- sign 74.229+/-0.254 χ^2/NDF : 5945.3/25

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.334 ± 0.015 χ^2/NDF : 262.9/8

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

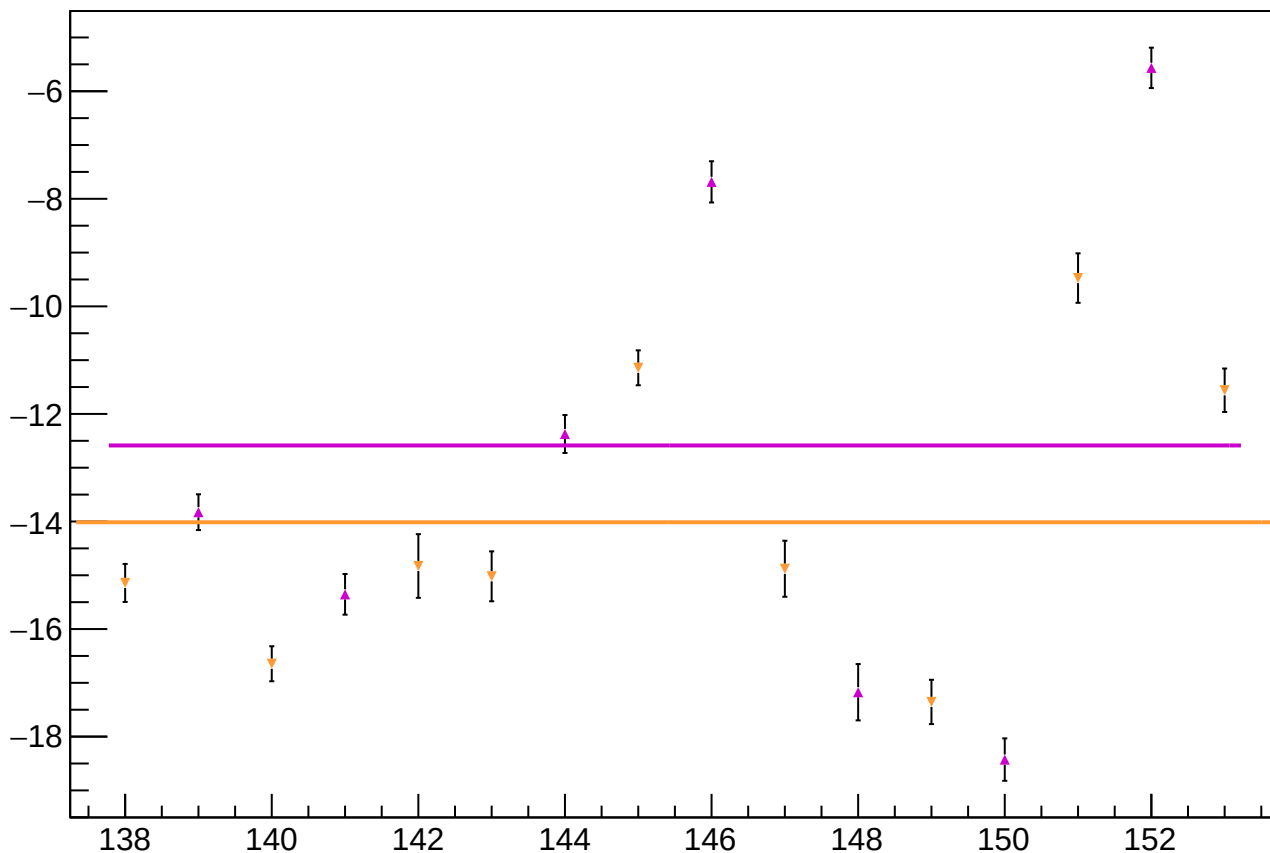
Left In: -0.347 ± 0.015 χ^2/NDF : 179.2/6

+ sign -0.385 ± 0.012 χ^2/NDF : 604.5/25

All: -0.402 ± 0.009 χ^2/NDF : 1416.5/51

- sign -0.420 ± 0.012 χ^2/NDF : 807.9/25

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -14.014+/-0.135 χ^2/NDF : 363.2/8

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

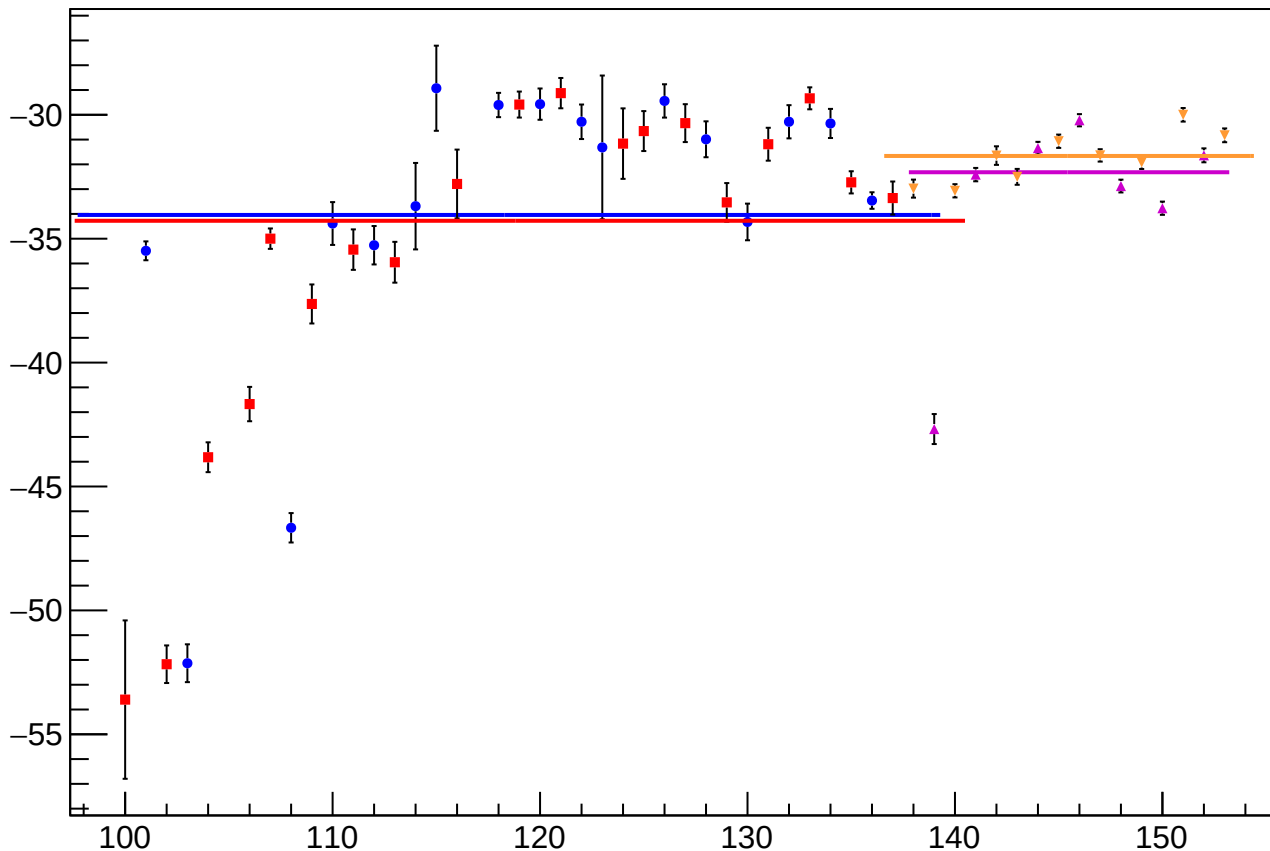
Left In: -12.586+/-0.144 χ^2/NDF : 877.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.347+/-0.099 χ^2/NDF : 1292.6/15

- 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: -31.661 ± 0.096 χ^2/NDF : 99.1/8

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

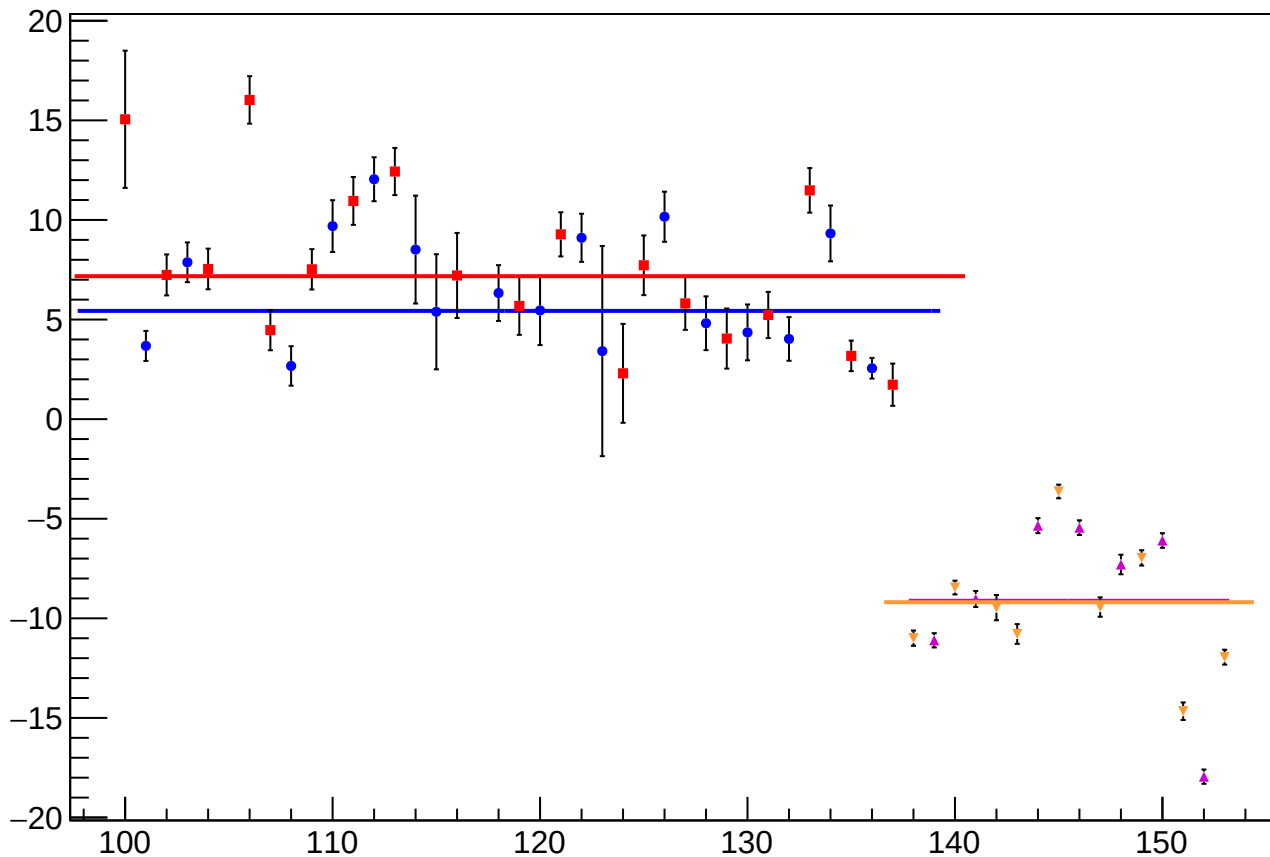
Left In: -32.318 ± 0.105 χ^2/NDF : 420.5/6

+ sign -32.348 ± 0.081 χ^2/NDF : 1617.4/25

All: -32.635 ± 0.059 χ^2/NDF : 3527.4/51

- sign -32.961 ± 0.086 χ^2/NDF : 1883.2/25

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: -9.191 ± 0.137 χ^2/NDF : 542.3/8

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

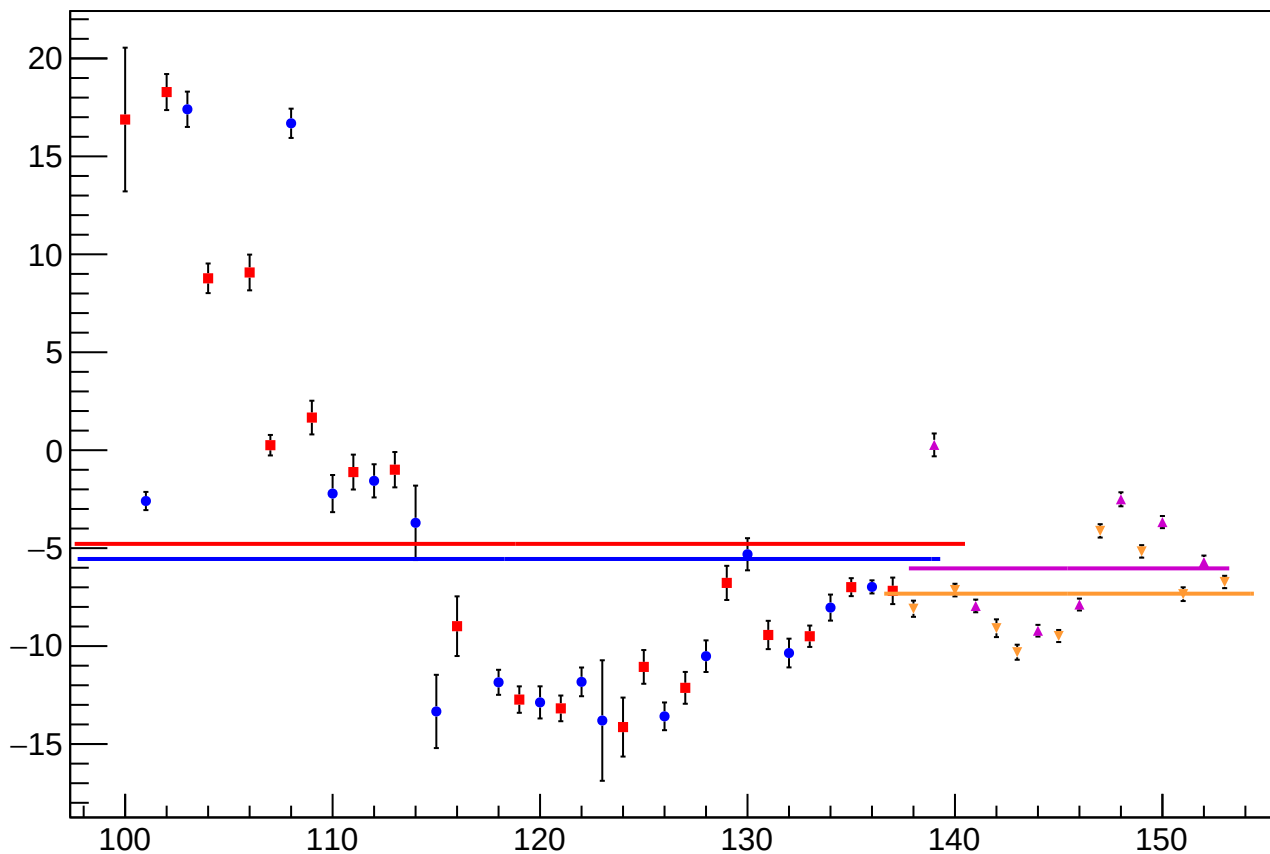
Left In: -9.119 ± 0.145 χ^2/NDF : 915.7/6

+ sign -6.196 ± 0.122 χ^2/NDF : 3015.2/25

All: -5.893 ± 0.088 χ^2/NDF : 6887.5/51

- sign -5.558 ± 0.128 χ^2/NDF : 3859.3/25

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: -7.324 ± 0.116 χ^2/NDF : 265.4/8

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

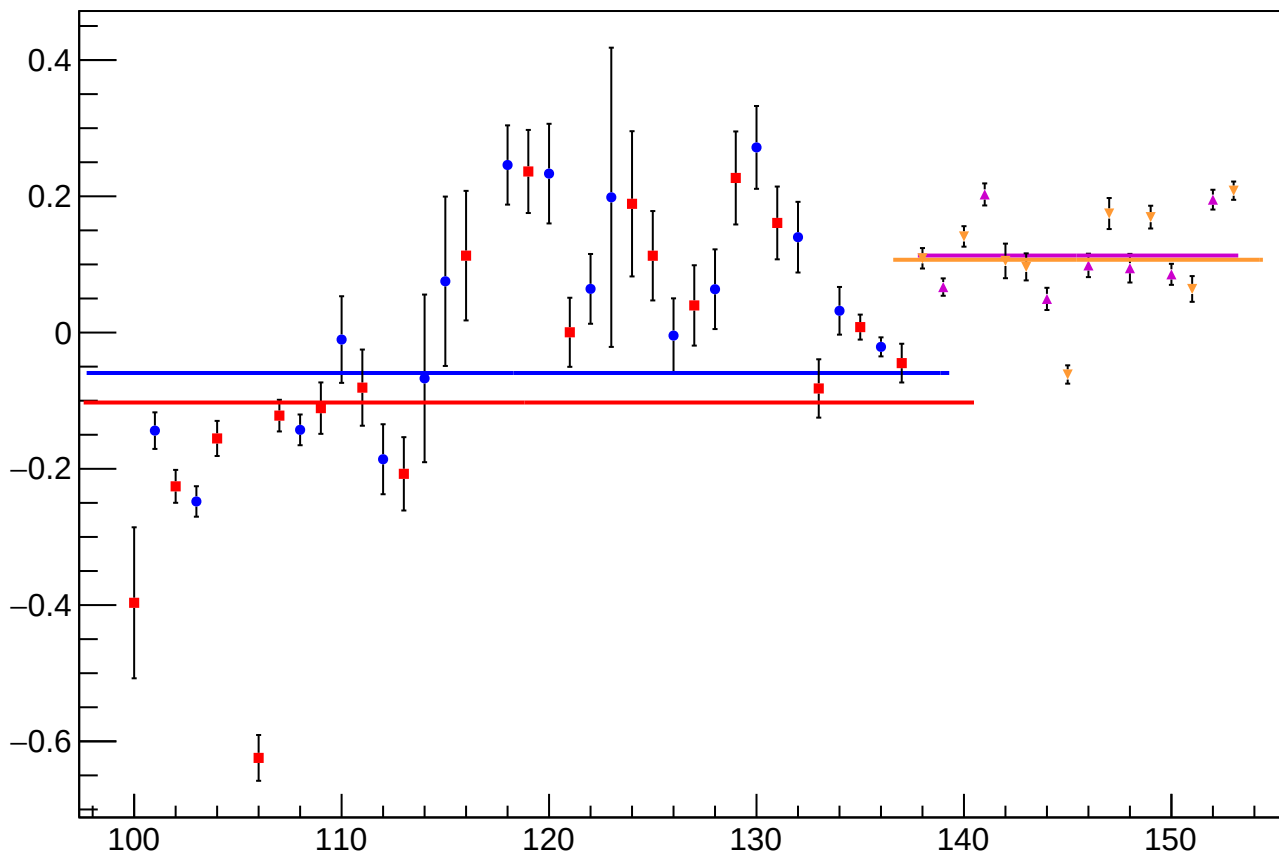
Left In: -6.033 ± 0.127 χ^2/NDF : 457.9/6

+ sign -6.760 ± 0.096 χ^2/NDF : 2464.7/25

All: -6.215 ± 0.070 χ^2/NDF : 5066.0/51

- sign -5.593 ± 0.102 χ^2/NDF : 2532.3/25

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.107 ± 0.006 χ^2/NDF : 247.6/8

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

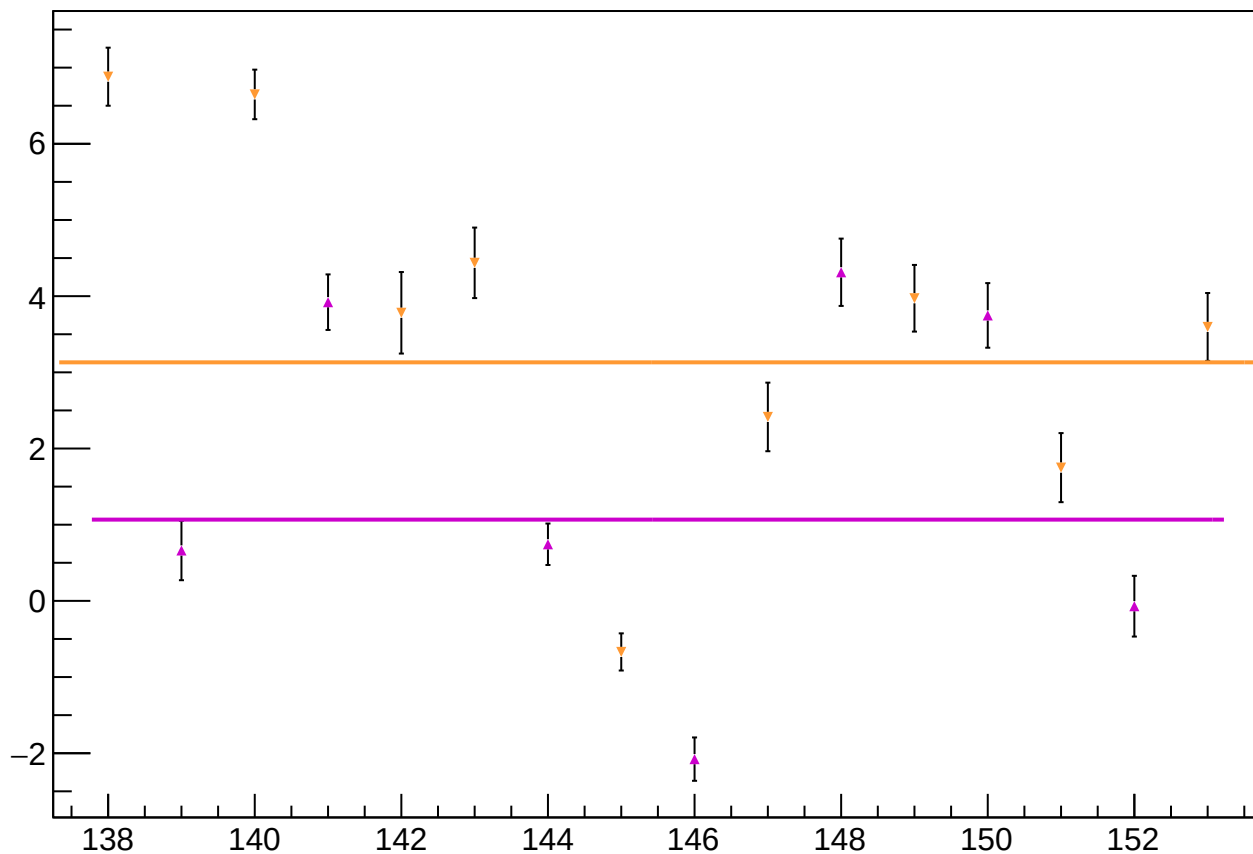
Left In: 0.113 ± 0.006 χ^2/NDF : 95.7/6

+ sign 0.056 ± 0.005 χ^2/NDF : 737.9/25

All: 0.049 ± 0.003 χ^2/NDF : 1712.0/51

- sign 0.041 ± 0.005 χ^2/NDF : 969.3/25

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.131 $\pm$ 0.128 χ^2 /NDF:482.8/8

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

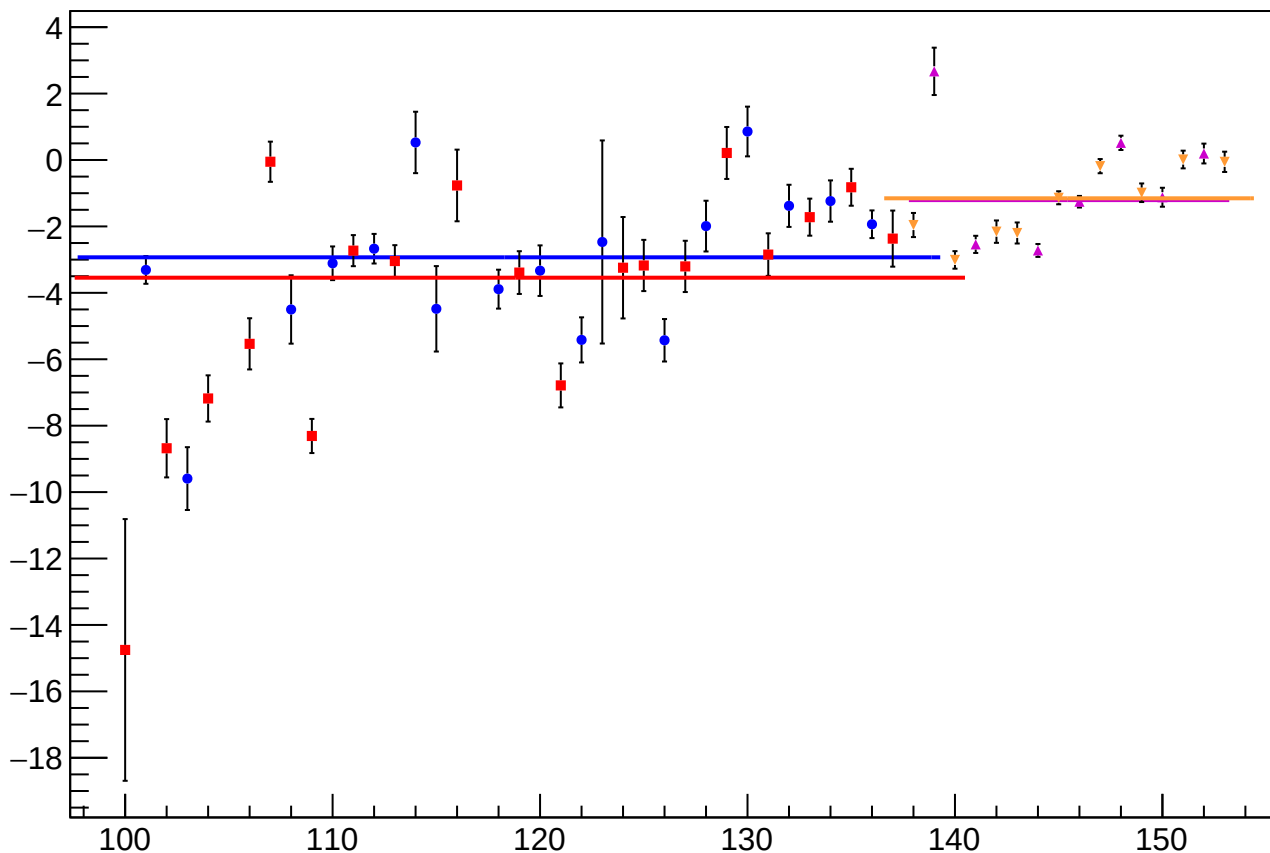
Left In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6

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

All: 2.138 $\pm$ 0.092 χ^2 /NDF: 896.6/15

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

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.154 ± 0.089 χ^2/NDF : 127.1/8

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

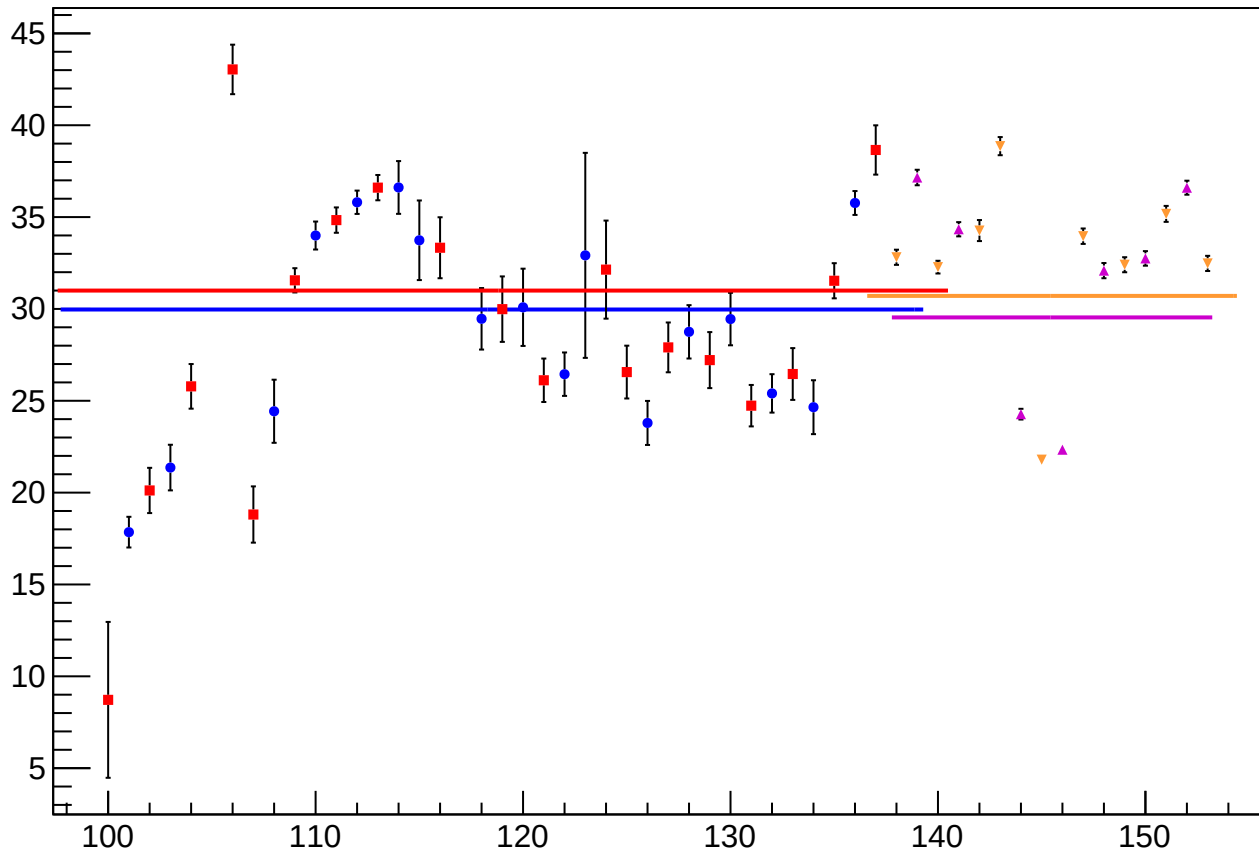
Left In: -1.208 ± 0.091 χ^2/NDF : 203.3/6

+ sign -1.599 ± 0.077 χ^2/NDF : 373.4/25

All: -1.701 ± 0.055 χ^2/NDF : 1041.7/51

- sign -1.807 ± 0.078 χ^2/NDF : 664.7/25

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 30.710 ± 0.130 $\chi^2/\text{NDF}: 1736.9/8$

Right Out: 31.000 ± 0.260 $\chi^2/\text{NDF}: 479.5/18$

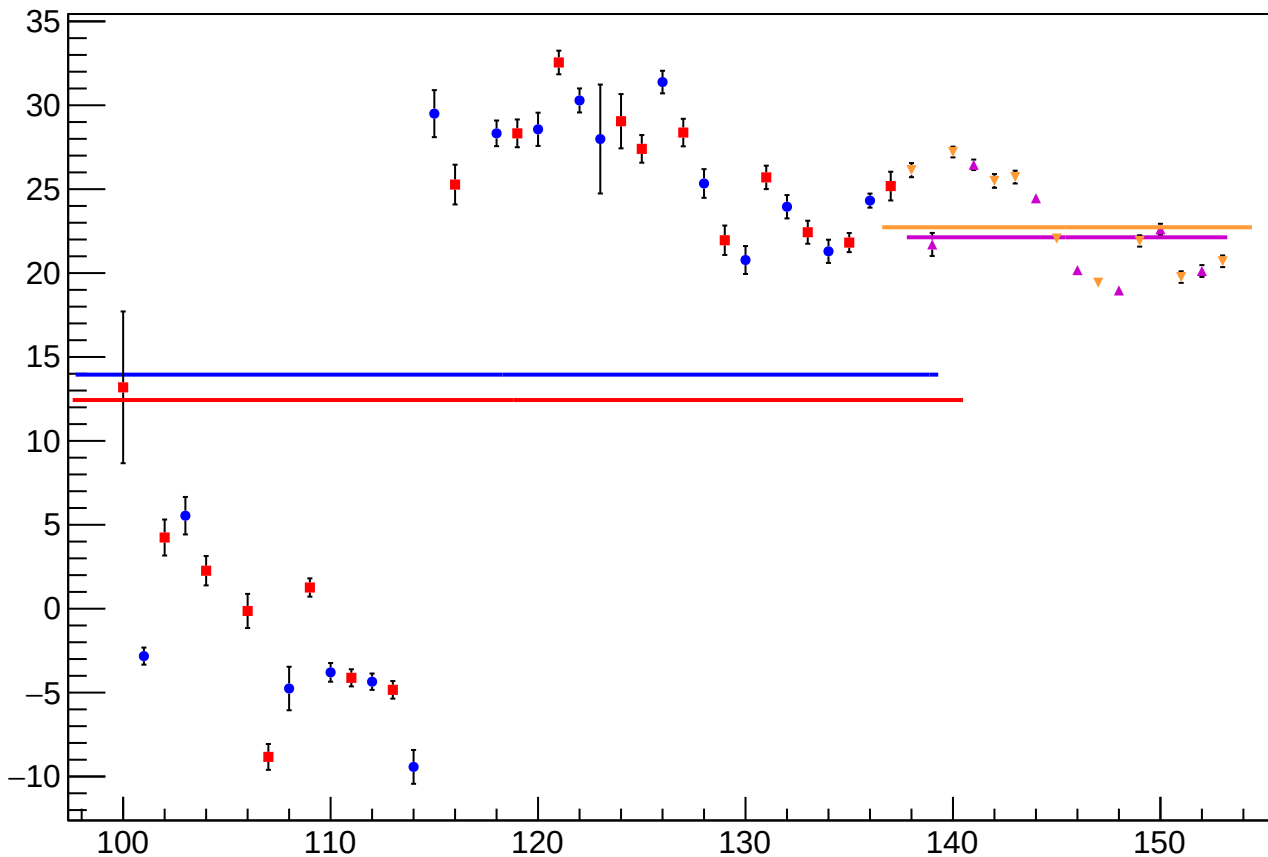
Left In: 29.538 ± 0.133 $\chi^2/\text{NDF}: 1946.7/6$

+ sign 30.567 ± 0.117 $\chi^2/\text{NDF}: 2297.4/25$

All: 30.209 ± 0.083 $\chi^2/\text{NDF}: 4767.7/51$

- sign 29.841 ± 0.118 $\chi^2/\text{NDF}: 2451.3/25$

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: 22.730 $\pm$ 0.109 χ^2 /NDF:617.9/8

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 22.133 $\pm$ 0.112 χ^2 /NDF:518.2/6

+ sign 20.225 $\pm$ 0.092 χ^2 /NDF: 9873.9/25

All: 19.770 $\pm$ 0.066 χ^2 /NDF: 19610.3/51

- sign 19.294 $\pm$ 0.094 χ^2 /NDF: 9686.2/25

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: -0.091 $\pm$ 0.005 χ^2 /NDF: 73.5/8

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

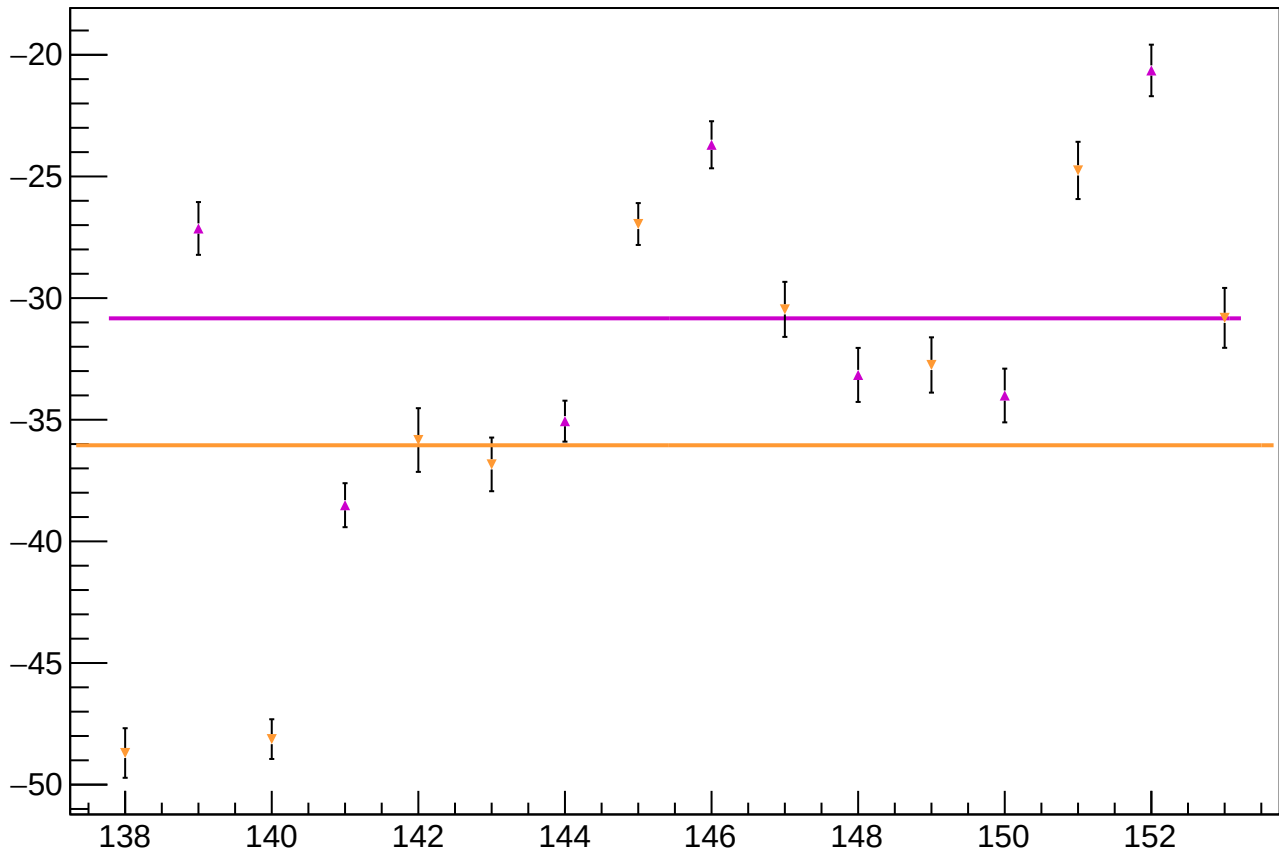
Left In: -0.080 $\pm$ 0.006 χ^2 /NDF: 49.4/6

+ sign -0.019 $\pm$ 0.005 χ^2 /NDF: 1677.1/25

All: -0.020 $\pm$ 0.003 χ^2 /NDF: 5157.9/51

- sign -0.021 $\pm$ 0.005 χ^2 /NDF: 3480.6/25

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -36.050 $\pm$ 0.350 χ^2 /NDF: 628.2/8

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

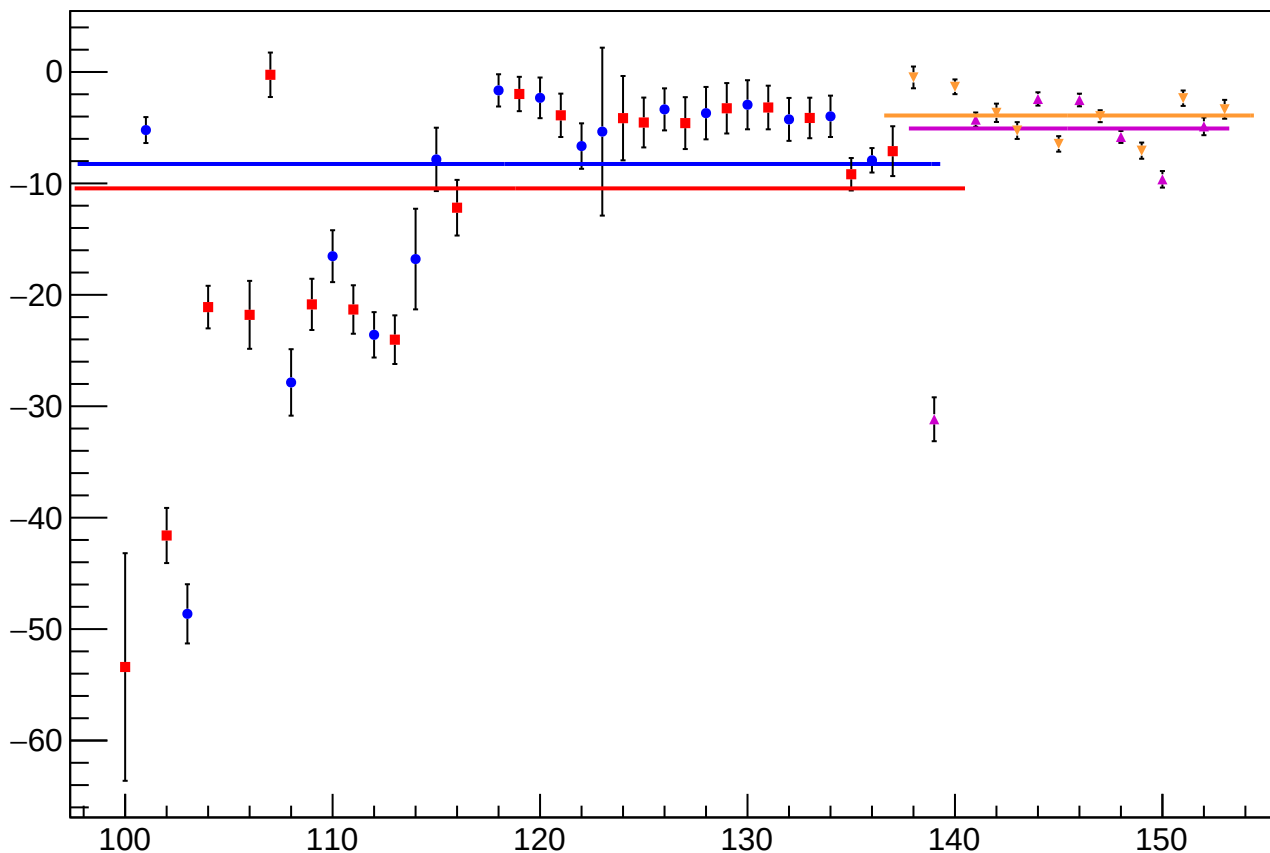
Left In: -30.832 $\pm$ 0.376 χ^2 /NDF: 268.6/6

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

All: -33.626 $\pm$ 0.256 χ^2 /NDF: 1000.0/15

- sign 0.000 $\pm$ 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: -3.904 ± 0.239 χ^2/NDF : 68.5/8

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

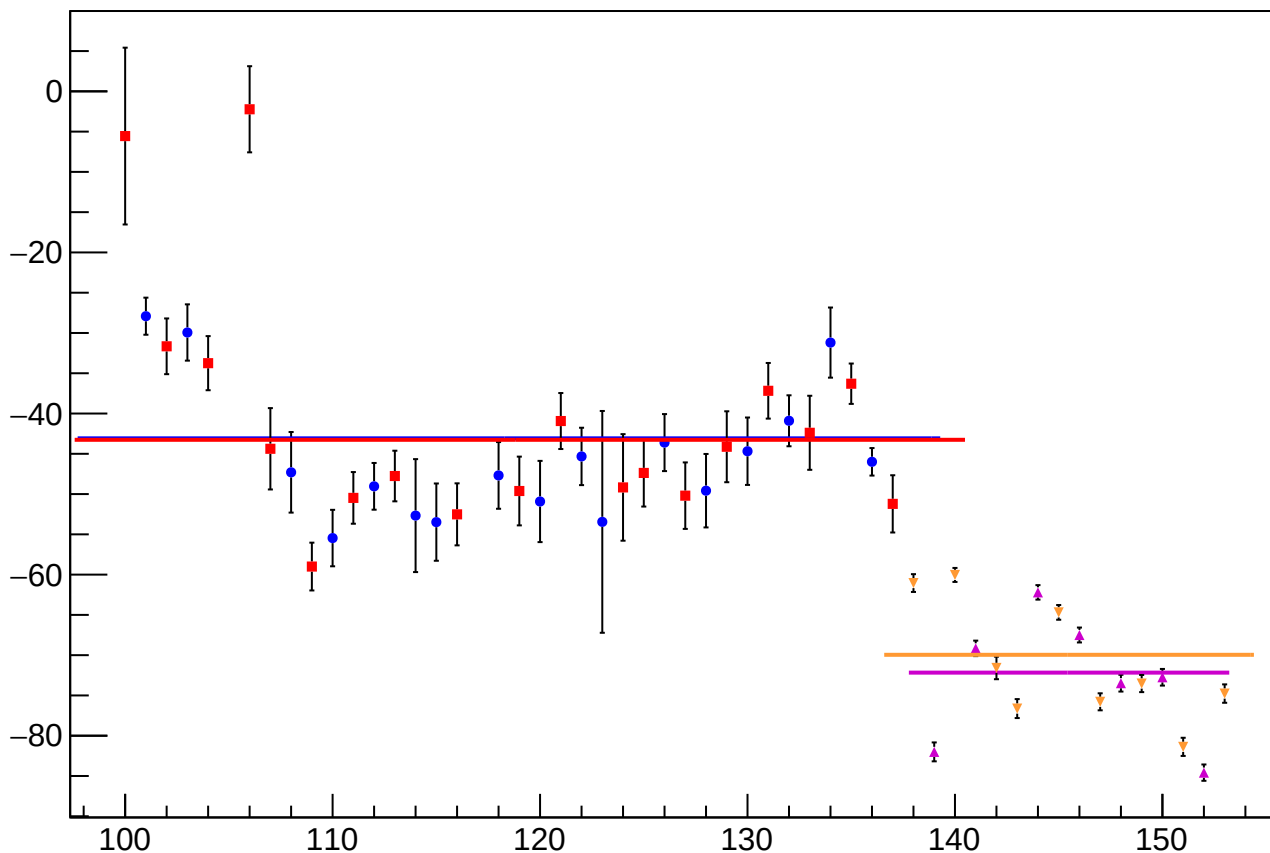
Left In: -5.071 ± 0.255 χ^2/NDF : 256.5/6

+ sign -4.823 ± 0.212 χ^2/NDF : 550.6/25

All: -5.473 ± 0.155 χ^2/NDF : 1349.9/51

- sign -6.210 ± 0.226 χ^2/NDF : 779.3/25

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -69.955 ± 0.356 $\chi^2/\text{NDF}: 424.2/8$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

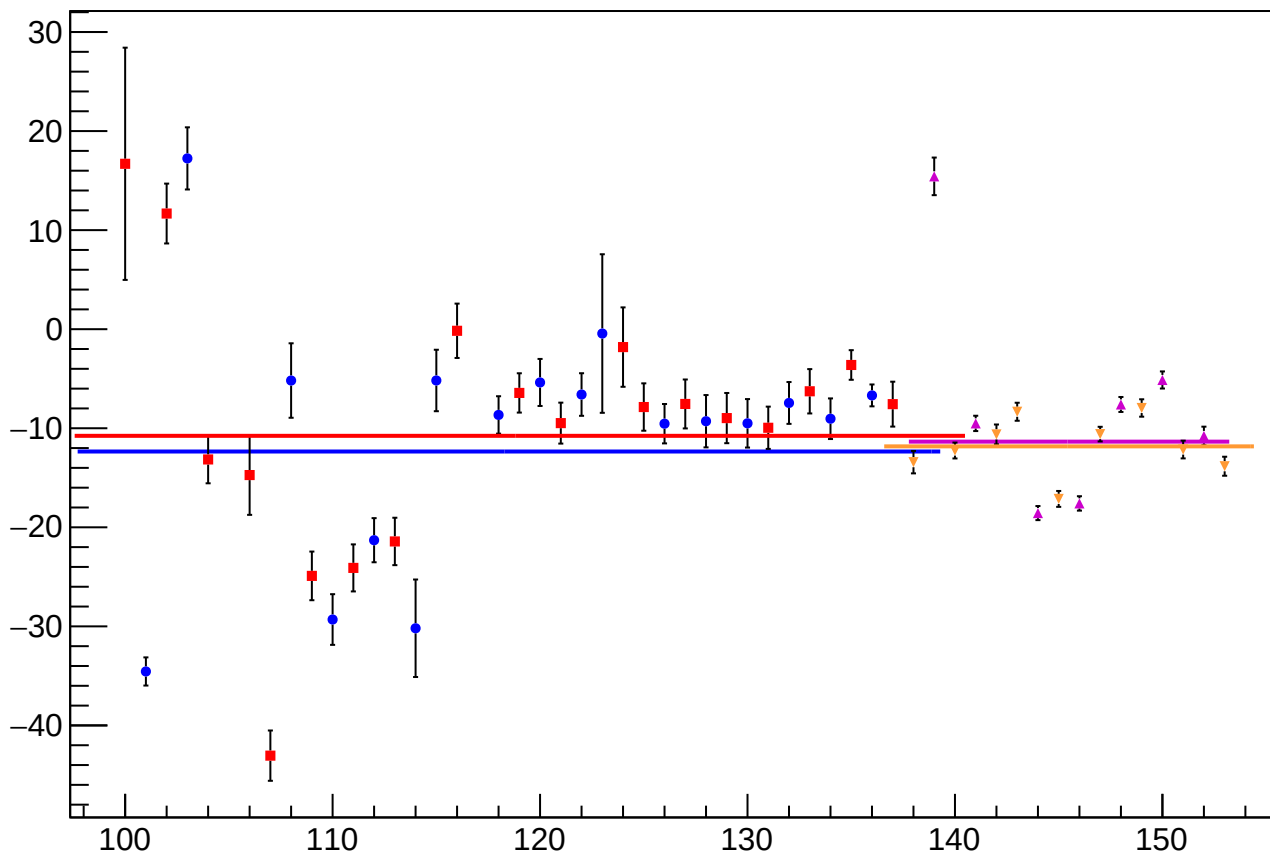
Left In: -72.168 ± 0.377 $\chi^2/\text{NDF}: 380.0/6$

+ sign -65.822 ± 0.327 $\chi^2/\text{NDF}: 1401.4/25$

All: -66.648 ± 0.238 $\chi^2/\text{NDF}: 2885.0/51$

- sign -67.570 ± 0.346 $\chi^2/\text{NDF}: 1470.1/25$

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: -11.829 ± 0.294 χ^2/NDF : 88.9/8

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

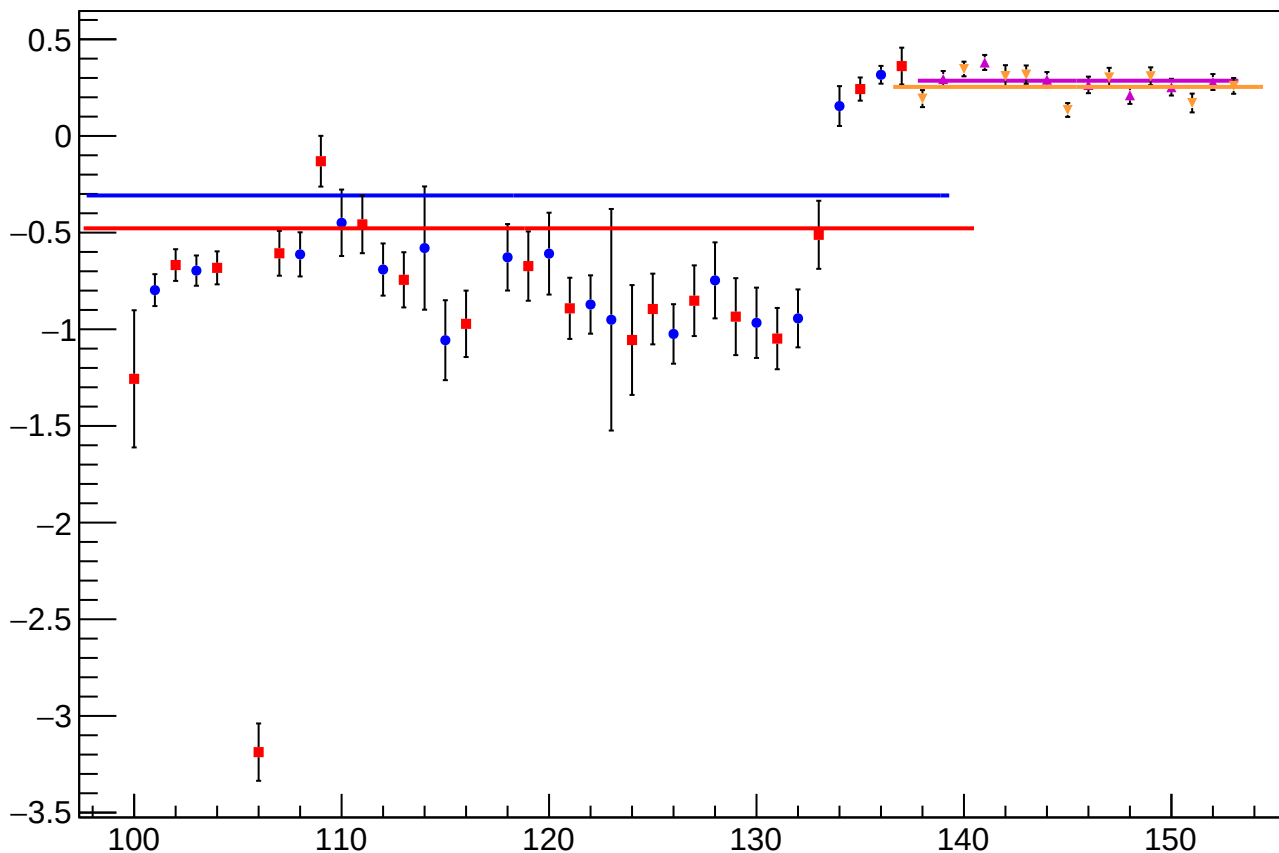
Left In: -11.352 ± 0.315 χ^2/NDF : 458.4/6

+ sign -11.955 ± 0.256 χ^2/NDF : 565.6/25

All: -11.607 ± 0.187 χ^2/NDF : 1395.5/51

- sign -11.208 ± 0.274 χ^2/NDF : 825.9/25

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: 0.254 ± 0.015 χ^2/NDF : 27.1/8

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

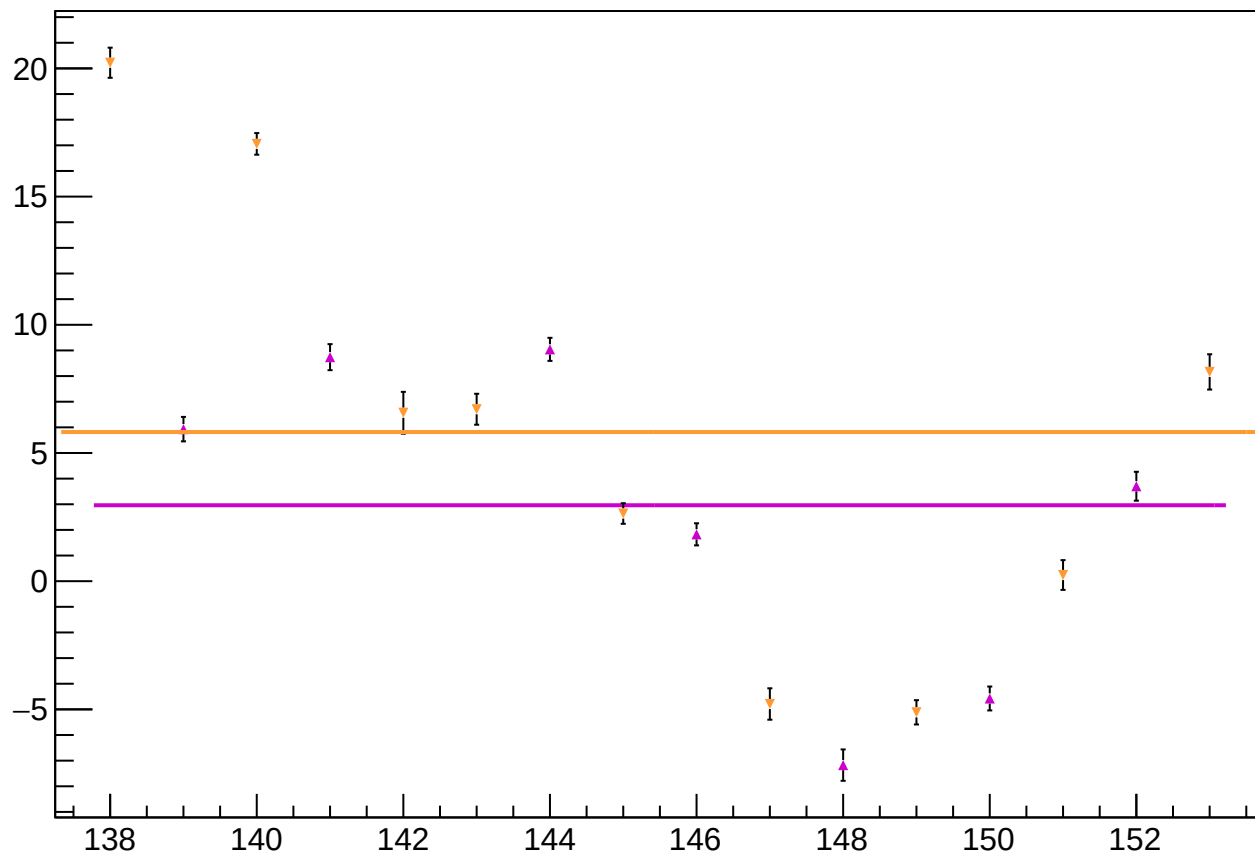
Left In: 0.286 ± 0.016 χ^2/NDF : 9.7/6

+ sign 0.129 ± 0.013 χ^2/NDF : 723.9/25

All: 0.119 ± 0.009 χ^2/NDF : 1915.7/51

- sign 0.108 ± 0.014 χ^2/NDF : 1190.6/25

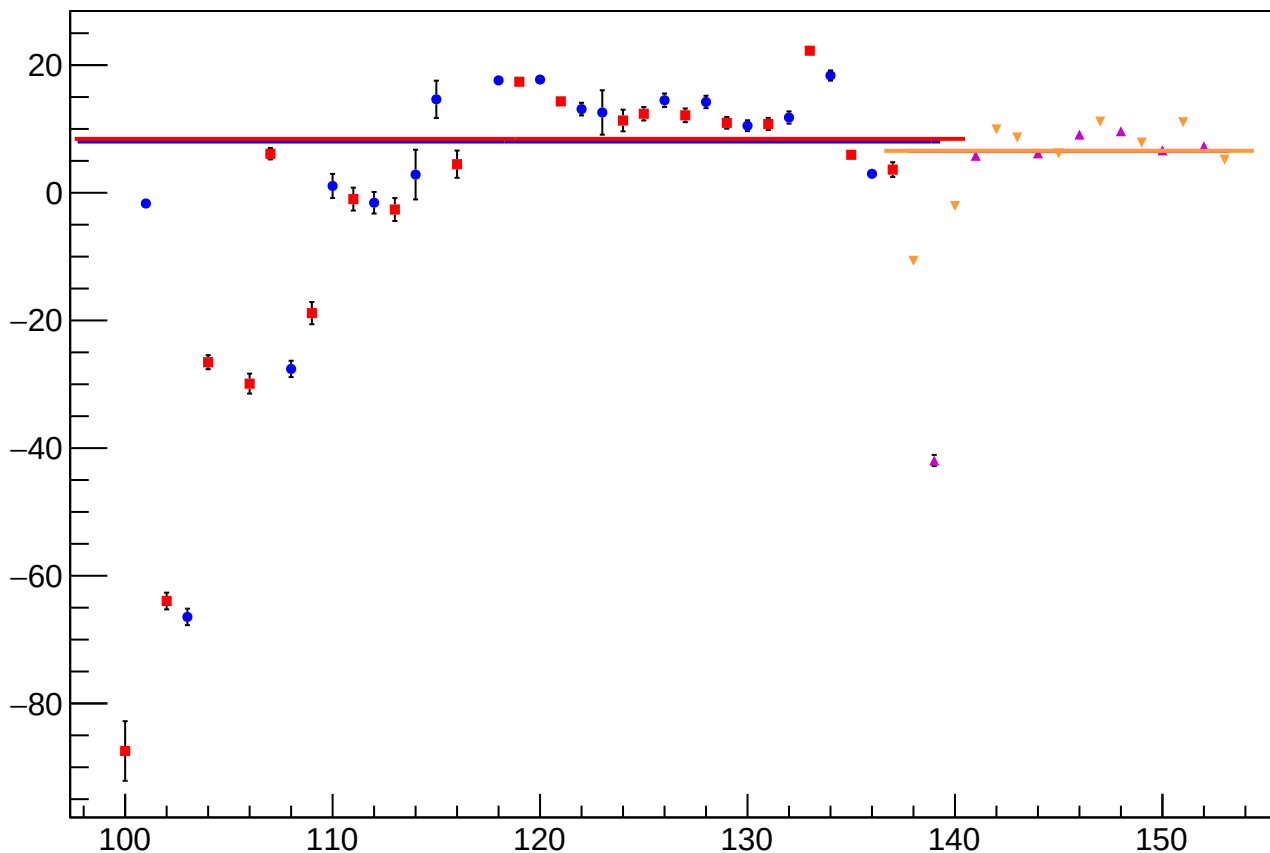
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.818 $\pm$ 0.179 χ^2 /NDF:2311.9/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.962 $\pm$ 0.186 χ^2 /NDF:895.8/6

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.441 $\pm$ 0.129 χ^2 /NDF: 3330.3/15
 - 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: 6.578 ± 0.124 χ^2/NDF : 1952.3/8

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

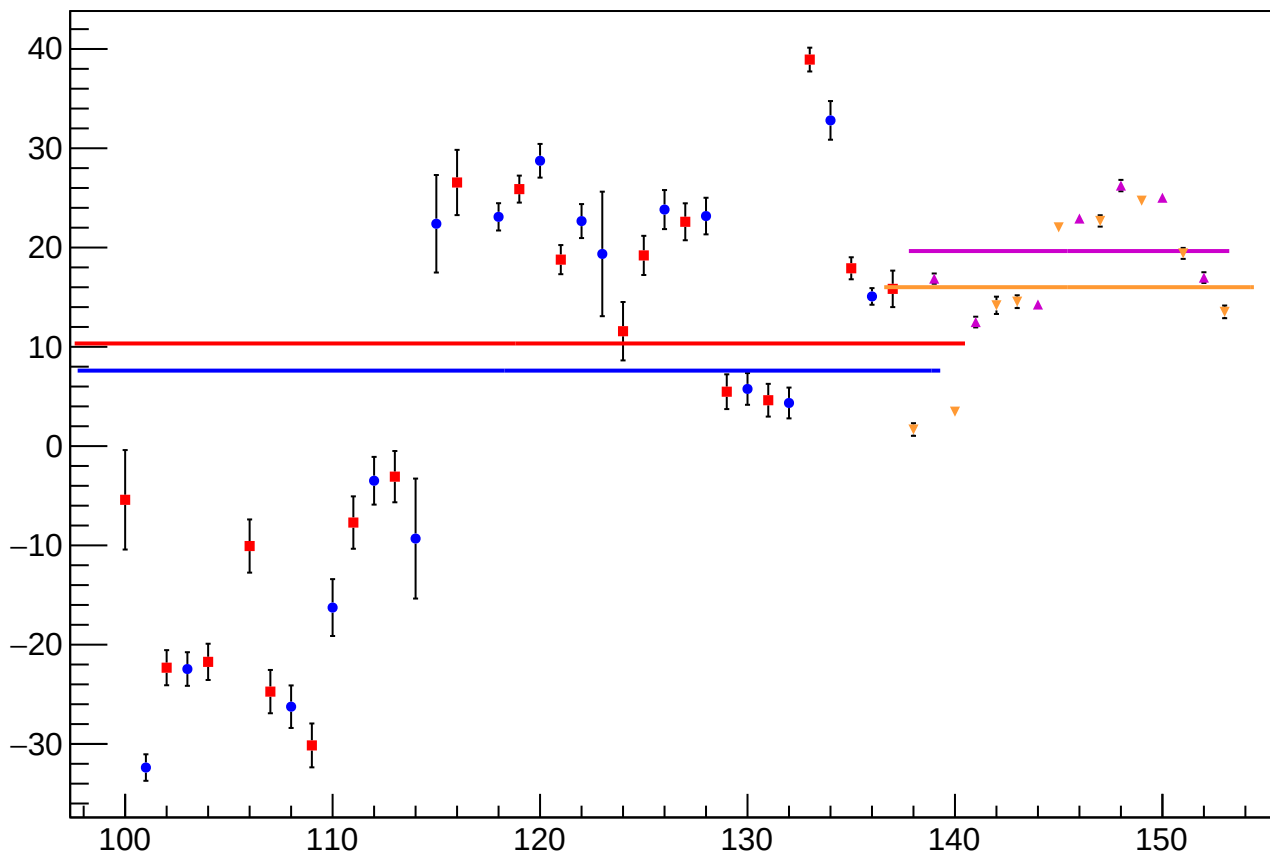
Left In: 6.562 ± 0.131 χ^2/NDF : 3239.4/6

+ sign 6.942 ± 0.108 χ^2/NDF : 7356.2/25

All: 7.009 ± 0.077 χ^2/NDF : 17357.9/51

- sign 7.081 ± 0.112 χ^2/NDF : 10000.9/25

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: 16.008 ± 0.181 χ^2/NDF : 2070.4/8

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

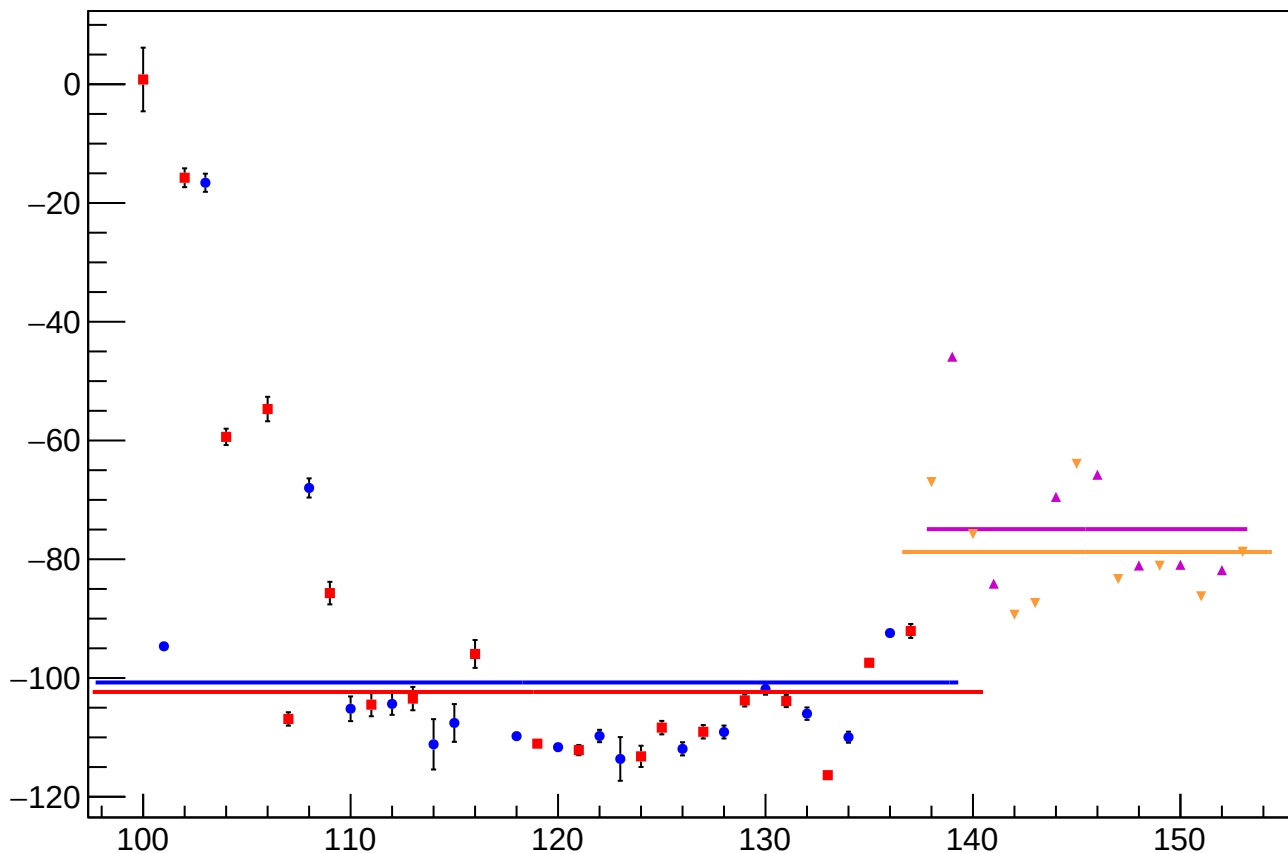
Left In: 19.647 ± 0.185 χ^2/NDF : 700.6/6

+ sign 14.670 ± 0.166 χ^2/NDF : 4738.8/25

All: 16.352 ± 0.119 χ^2/NDF : 8348.4/51

- sign 18.106 ± 0.169 χ^2/NDF : 3399.5/25

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -78.773 ± 0.152 χ^2/NDF : 2921.5/8

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

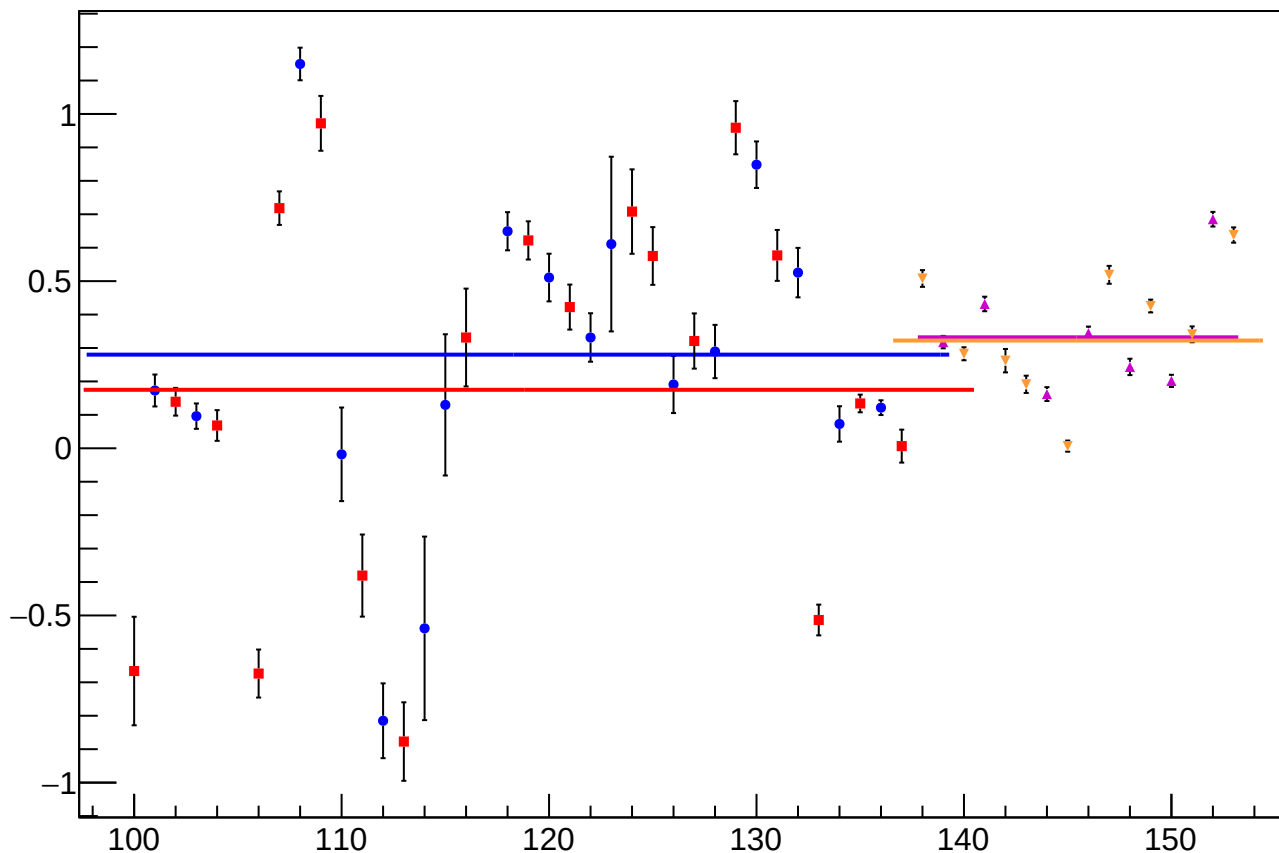
Left In: -74.929 ± 0.160 χ^2/NDF : 3205.3/6

+ sign -84.752 ± 0.129 χ^2/NDF : 13161.9/25

All: -83.933 ± 0.093 χ^2/NDF : 31260.1/51

- sign -83.053 ± 0.134 χ^2/NDF : 18015.0/25

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: 0.322 ± 0.007 χ^2/NDF : 721.4/8

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

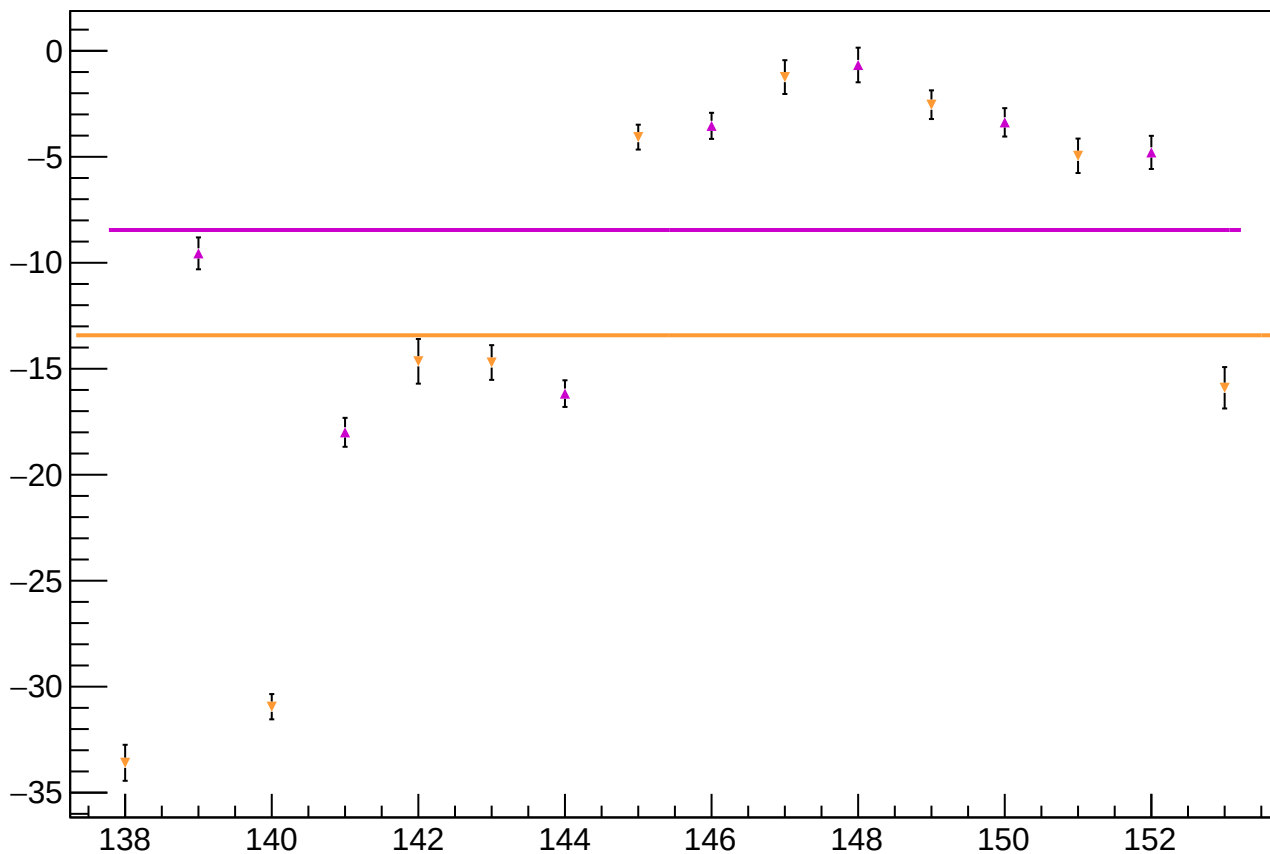
Left In: 0.332 ± 0.008 χ^2/NDF : 412.5/6

+ sign 0.312 ± 0.007 χ^2/NDF : 1384.9/25

All: 0.303 ± 0.005 χ^2/NDF : 2870.9/51

- sign 0.293 ± 0.007 χ^2/NDF : 1481.7/25

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.421+/-0.251 χ^2/NDF : 2293.2/8

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

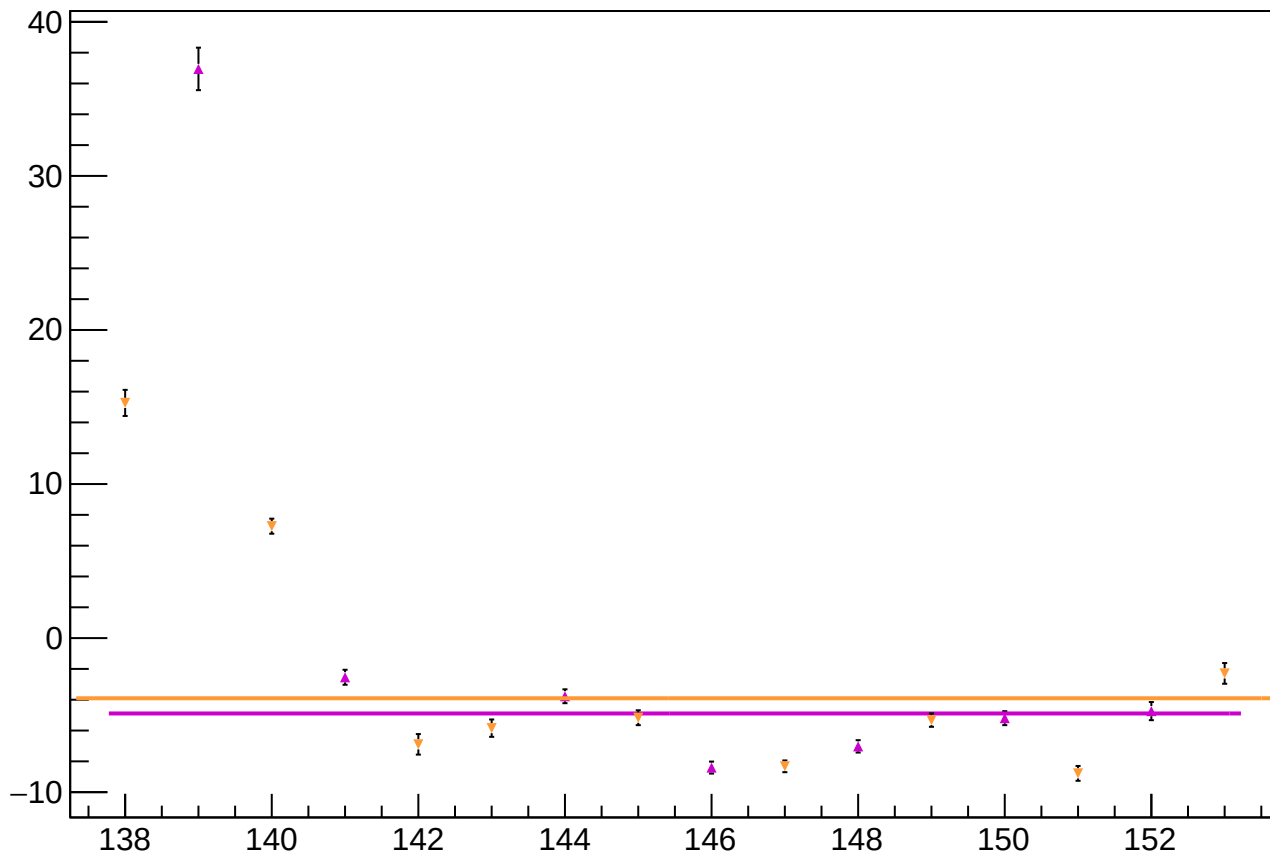
Left In: -8.453+/-0.263 χ^2/NDF : 582.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.050+/-0.182 χ^2/NDF : 3061.6/15

- 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: -3.905+/-0.172 χ^2/NDF :1326.1/8

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

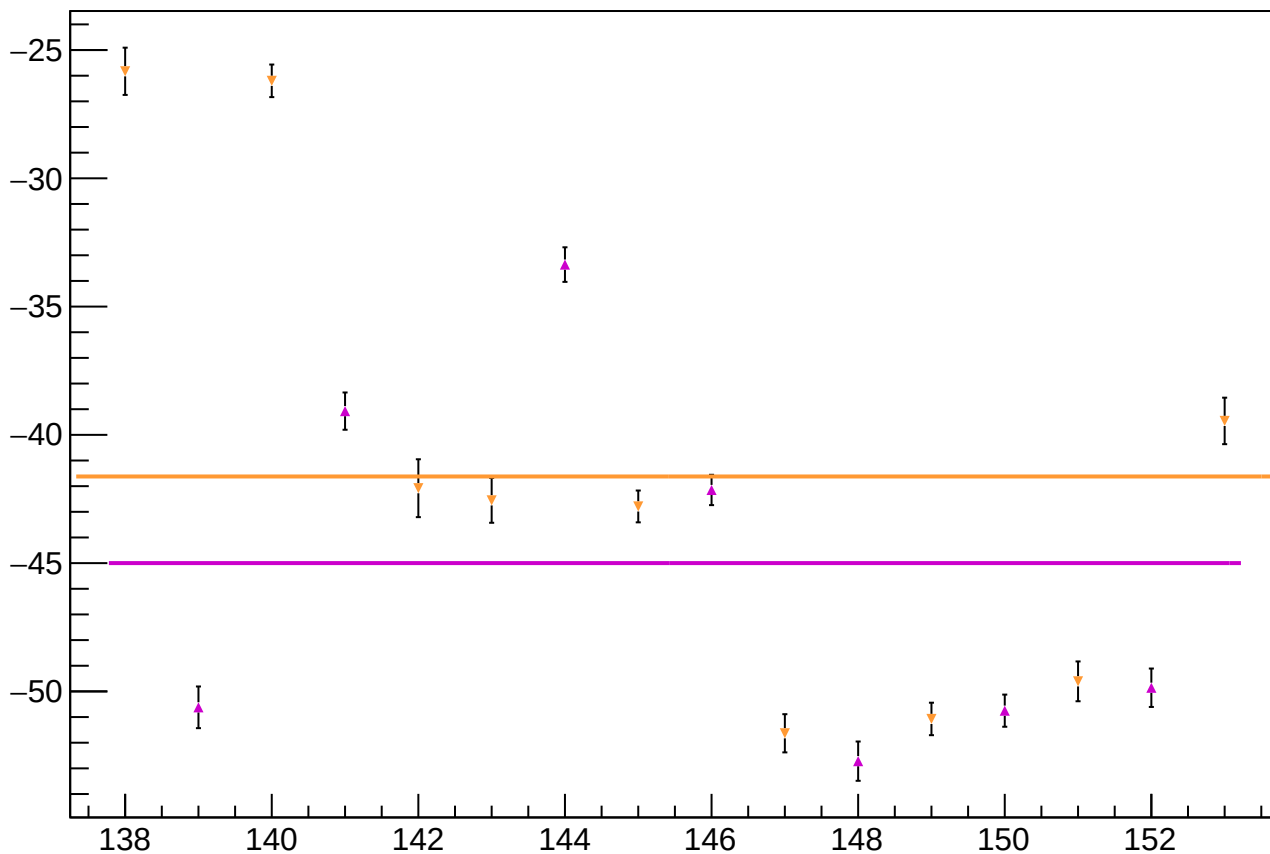
Left In: -4.892+/-0.182 χ^2/NDF :1059.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.370+/-0.125 χ^2/NDF : 2401.6/15

- 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: -41.622+/-0.254 χ^2/NDF :1404.4/8

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

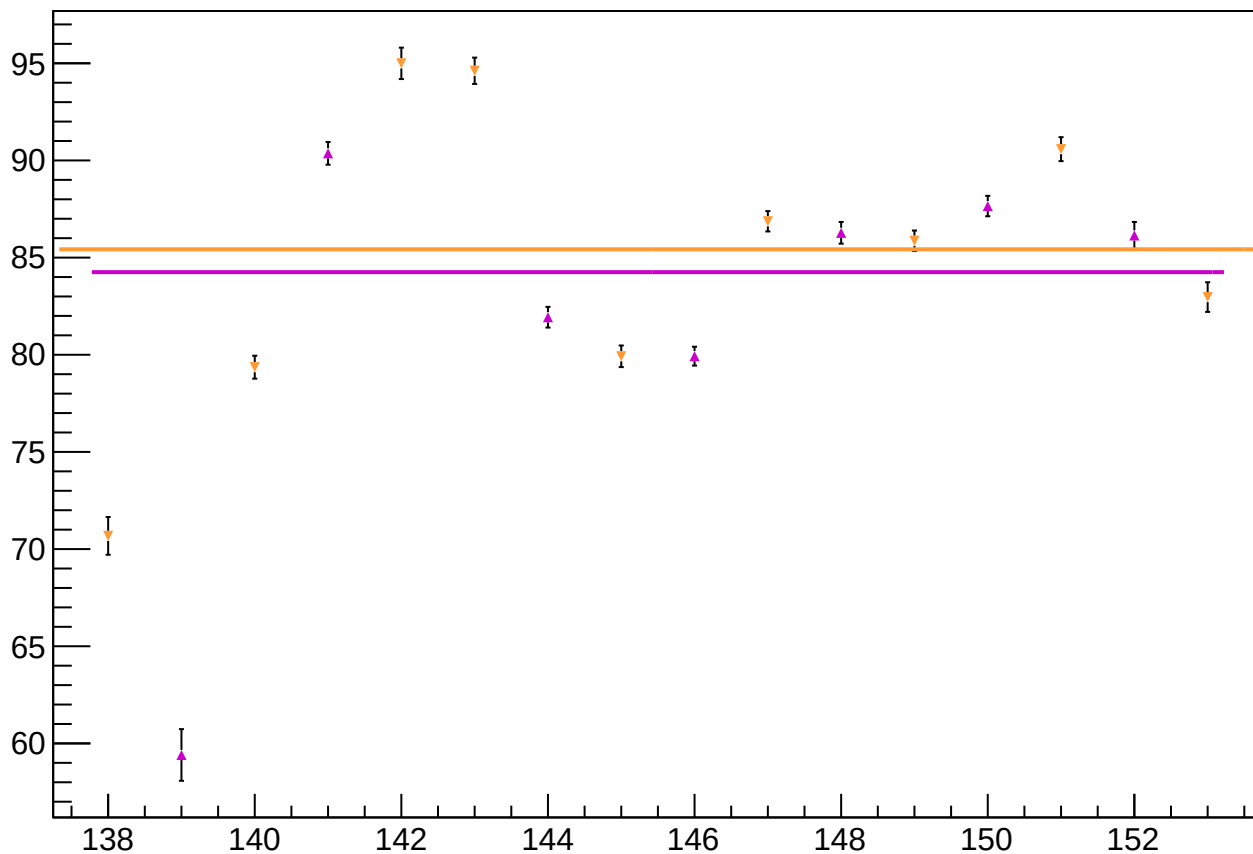
Left In: -44.999+/-0.263 χ^2/NDF :663.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.253+/-0.182 χ^2/NDF : 2153.7/15

- 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: 85.428+/-0.211 χ^2/NDF : 848.1/8

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

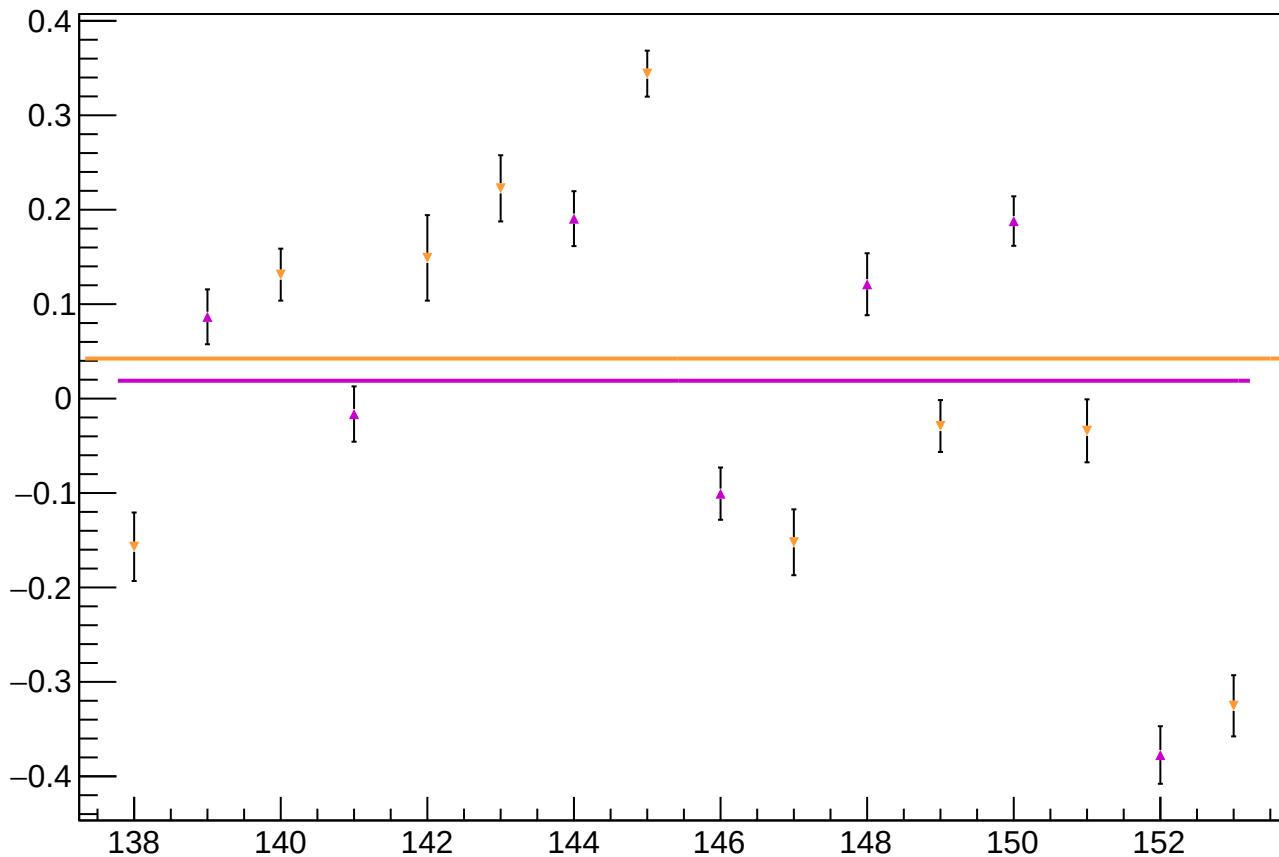
Left In: 84.251+/-0.223 χ^2/NDF : 619.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.872+/-0.153 χ^2/NDF : 1482.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.042+/-0.011 χ^2/NDF : 398.2/8

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

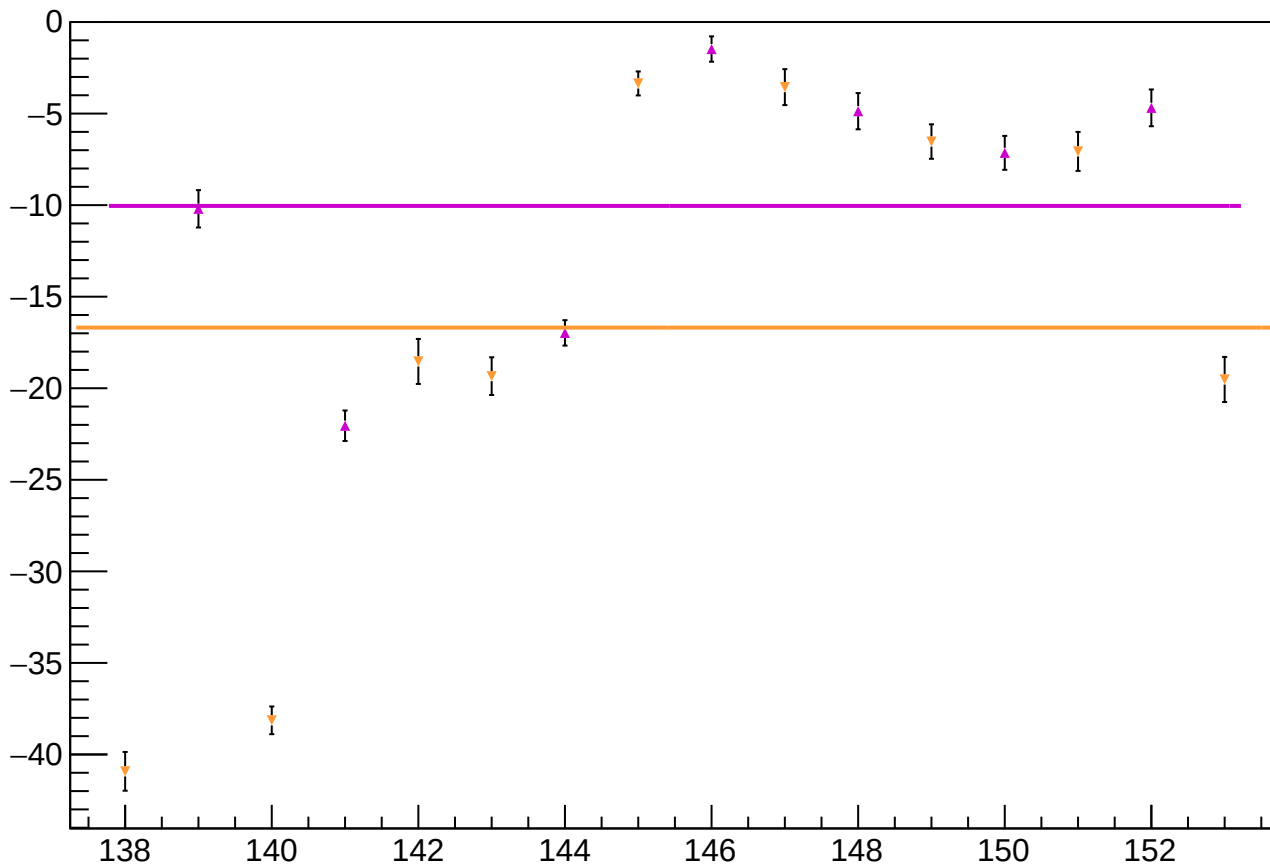
Left In: 0.019+/-0.011 χ^2/NDF : 280.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.008 χ^2/NDF : 681.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.687 $\pm$ 0.312 χ^2 /NDF:2132.8/8

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

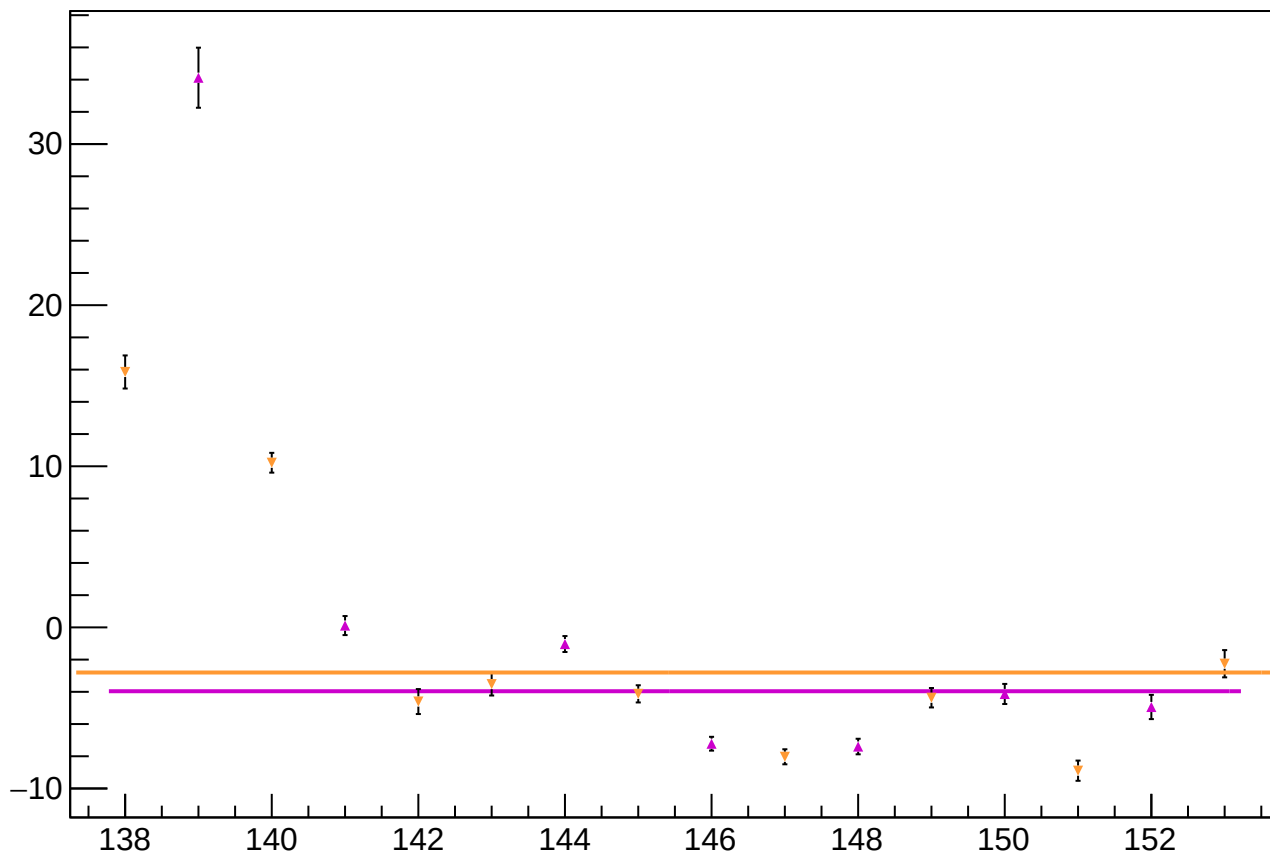
Left In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6

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

All: -13.454 $\pm$ 0.223 χ^2 /NDF: 2880.0/15

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

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.801+/-0.213 χ^2/NDF : 1018.7/8

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

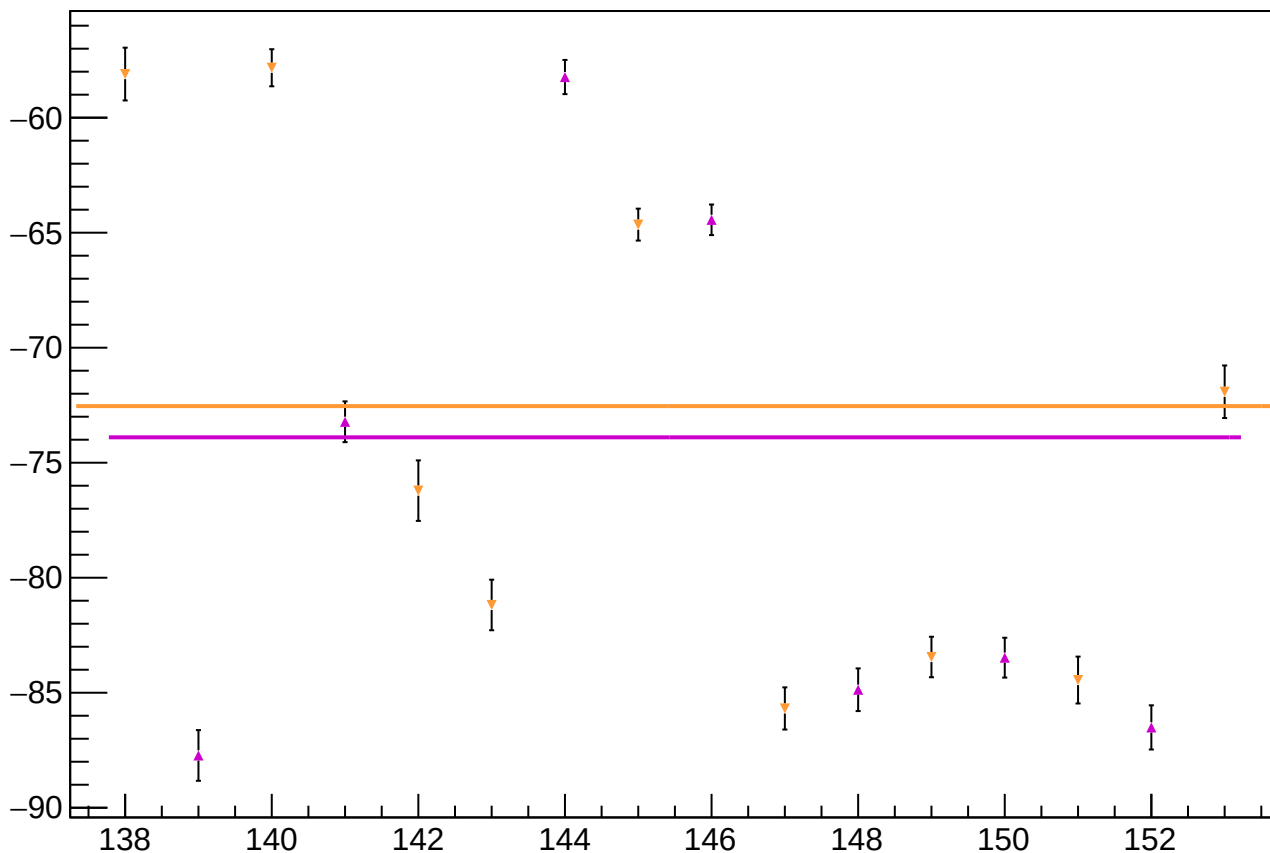
Left In: -3.963+/-0.217 χ^2/NDF : 609.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.372+/-0.152 χ^2/NDF : 1643.0/15

- 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: -72.539+/-0.316 χ^2/NDF :1186.3/8

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

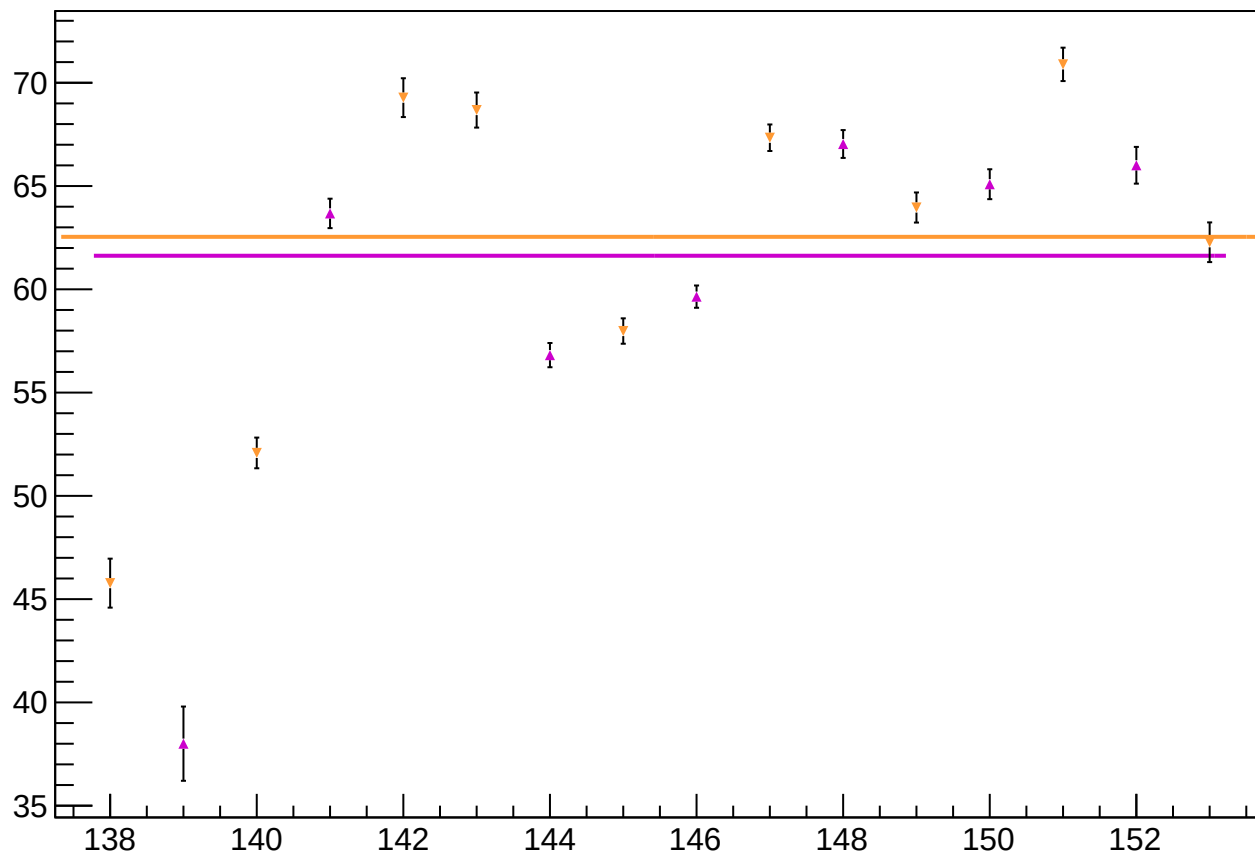
Left In: -73.896+/-0.320 χ^2/NDF :1238.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.209+/-0.225 χ^2/NDF : 2434.2/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 62.541+/-0.262 χ^2/NDF : 723.2/8

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

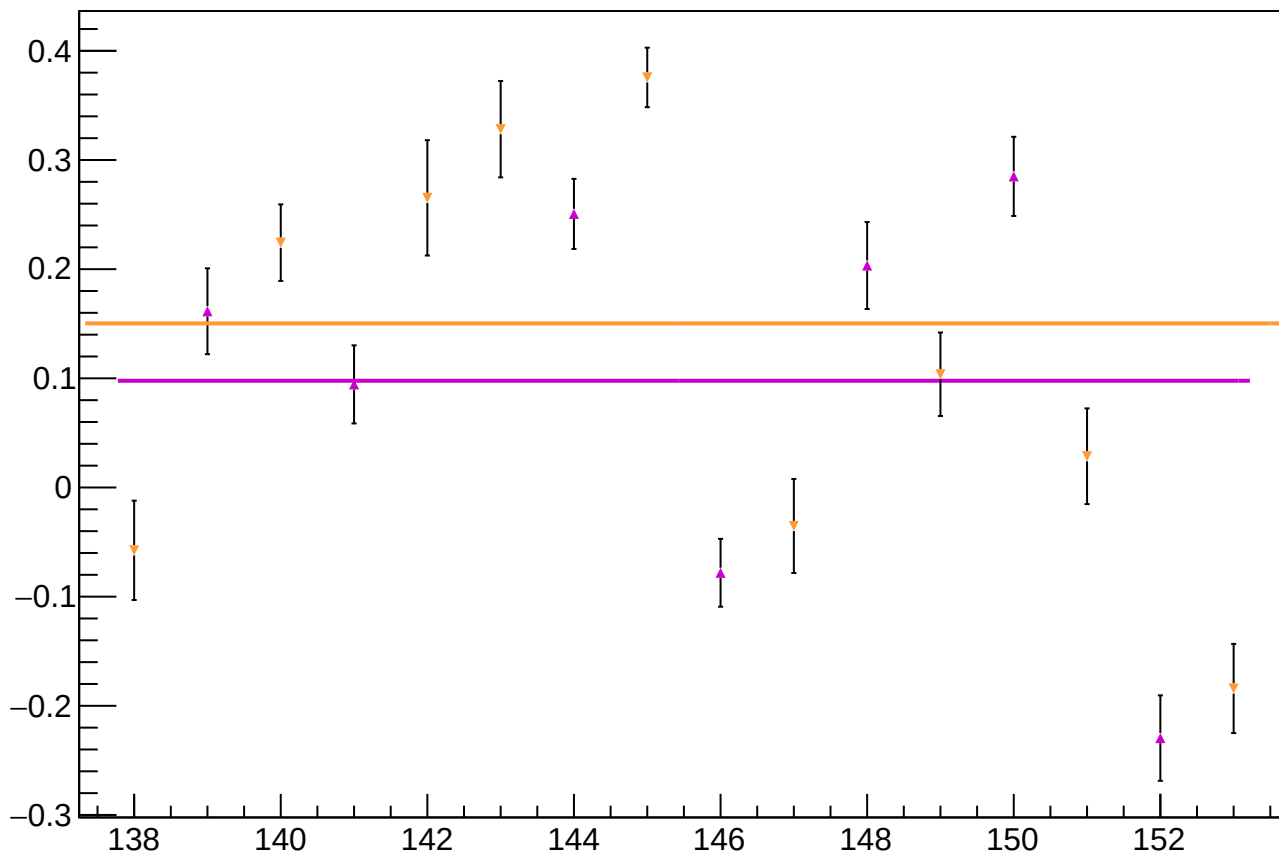
Left In: 61.625+/-0.267 χ^2/NDF : 373.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.093+/-0.187 χ^2/NDF : 1102.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.150 $\pm$ 0.013 χ^2 /NDF:209.5/8

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

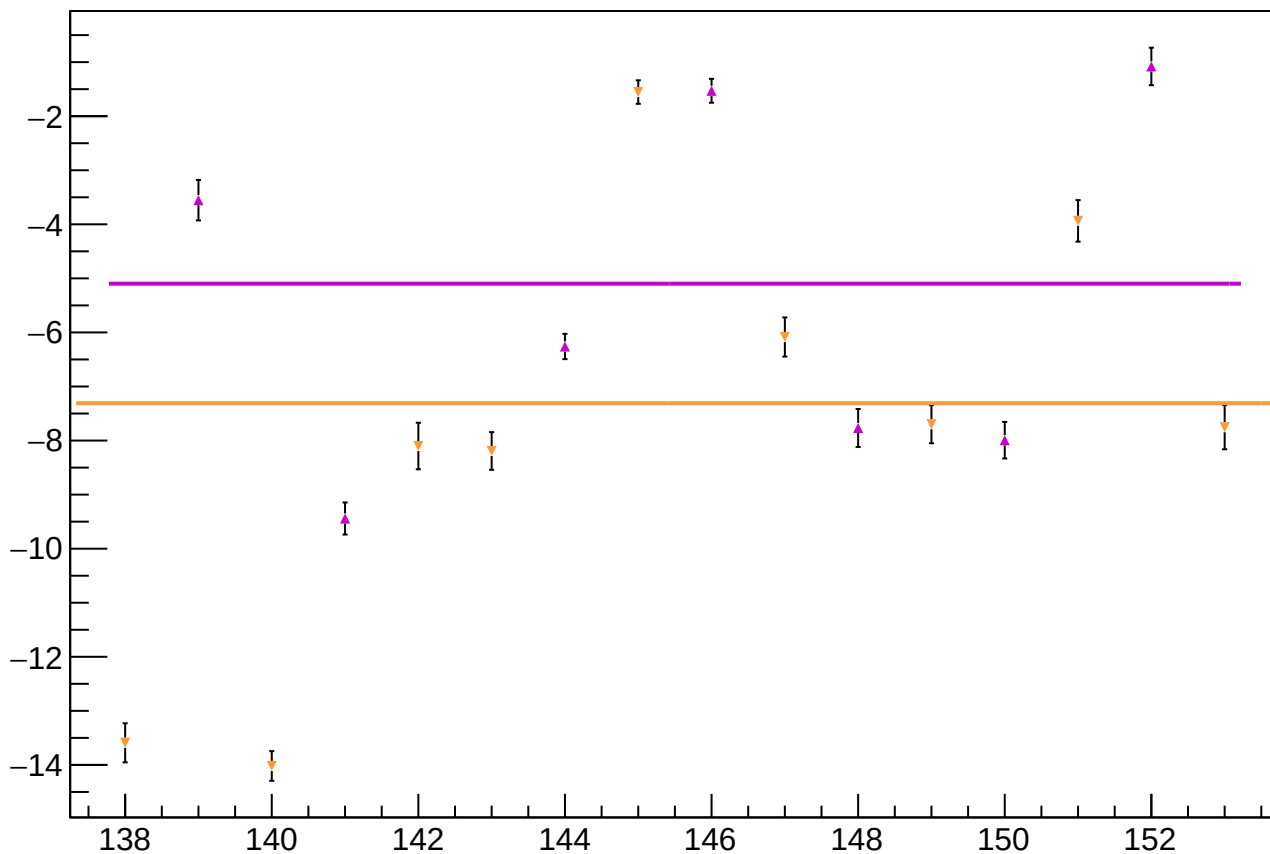
Left In: 0.098 $\pm$ 0.014 χ^2 /NDF:161.0/6

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

All: 0.125 $\pm$ 0.009 χ^2 /NDF: 378.3/15

- 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: -7.309+/-0.109 χ^2/NDF :1703.2/8

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

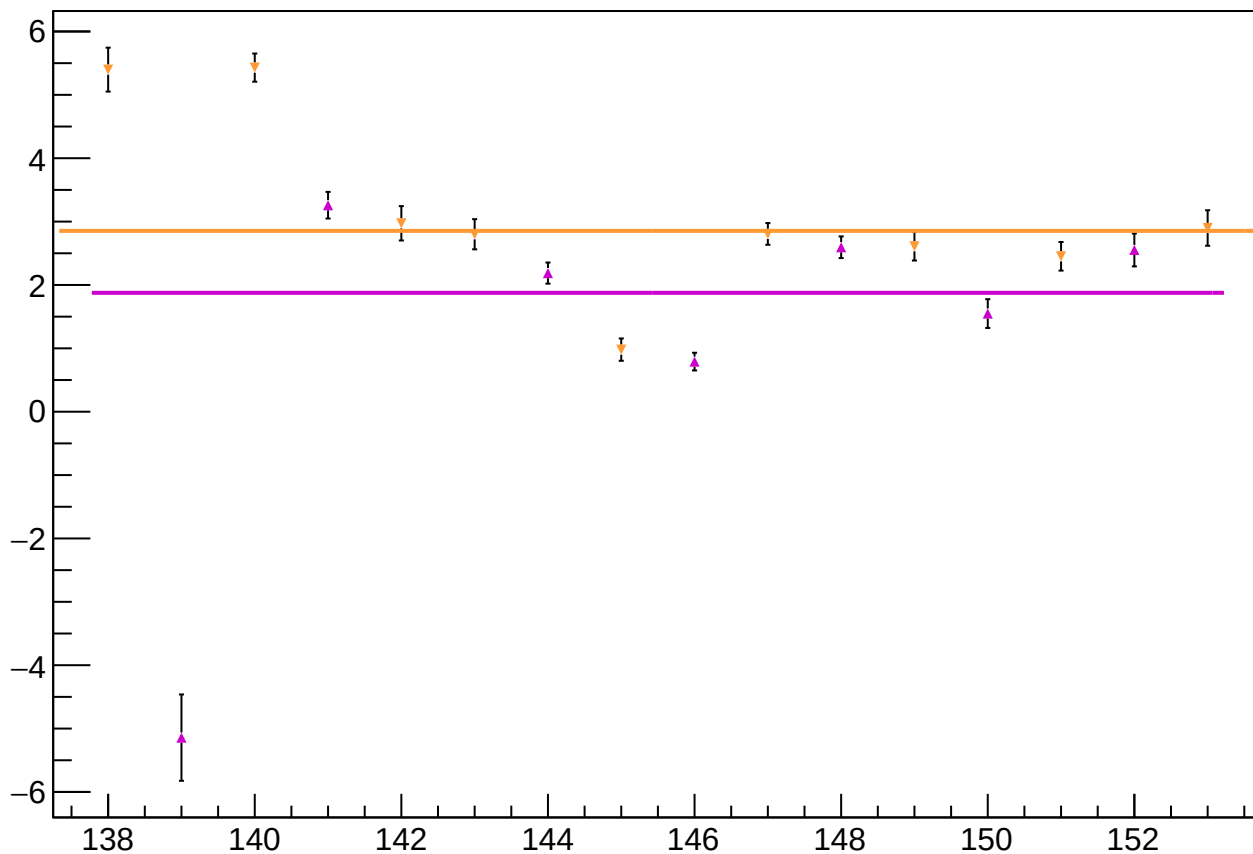
Left In: -5.098+/-0.110 χ^2/NDF :781.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.215+/-0.077 χ^2/NDF : 2688.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

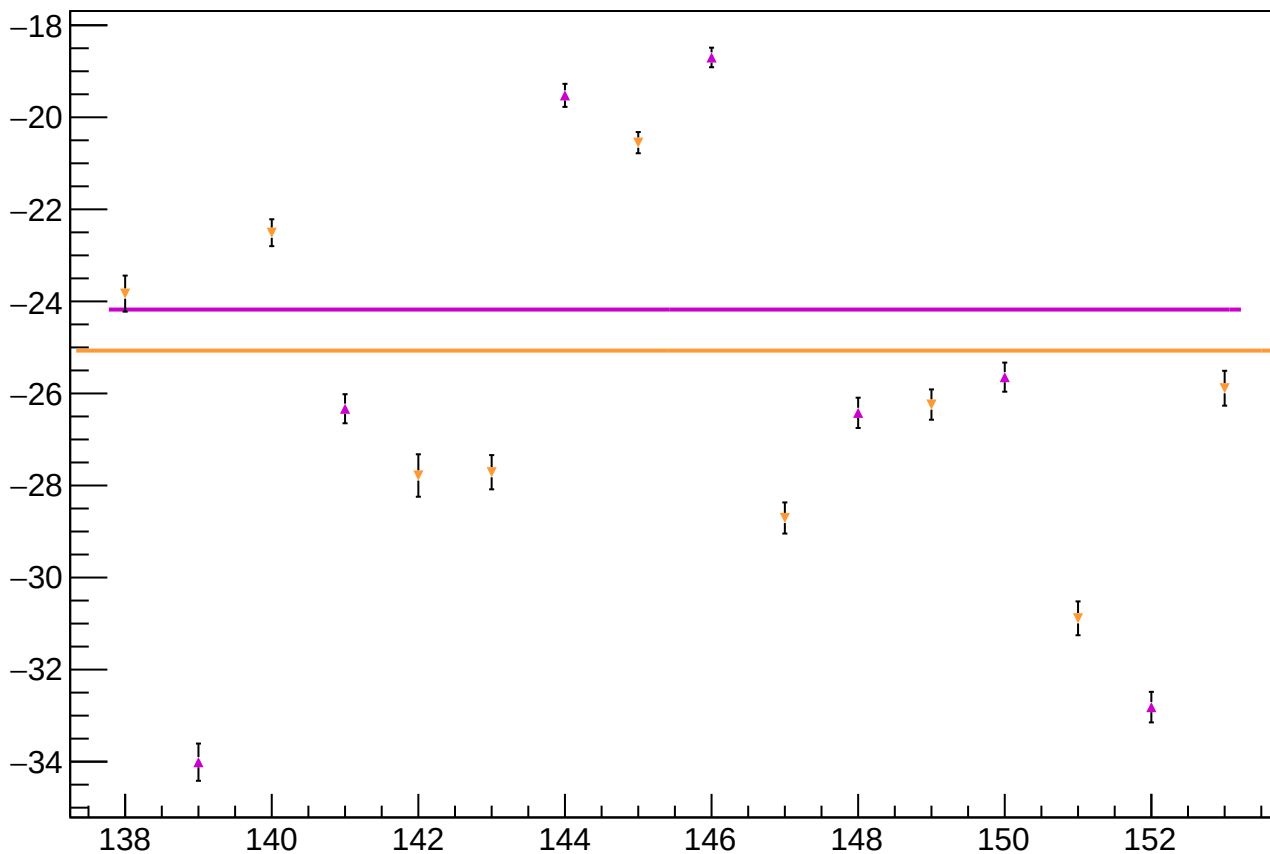
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.853+/-0.075 χ^2/NDF :305.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.876+/-0.074 χ^2/NDF :240.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.362+/-0.053 χ^2/NDF : 631.5/15
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.070+/-0.111 χ^2/NDF : 939.9/8

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

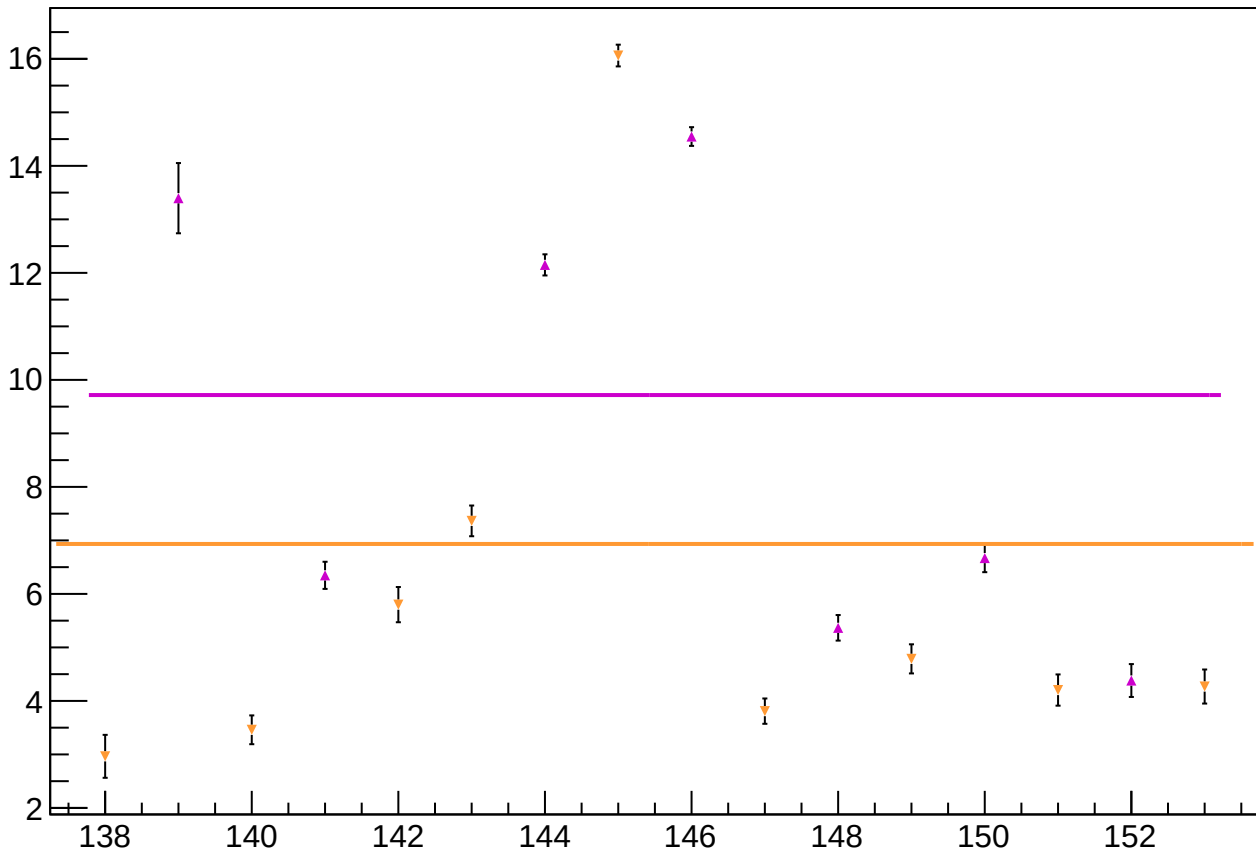
Left In: -24.177+/-0.110 χ^2/NDF : 2391.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.620+/-0.078 χ^2/NDF : 3364.2/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

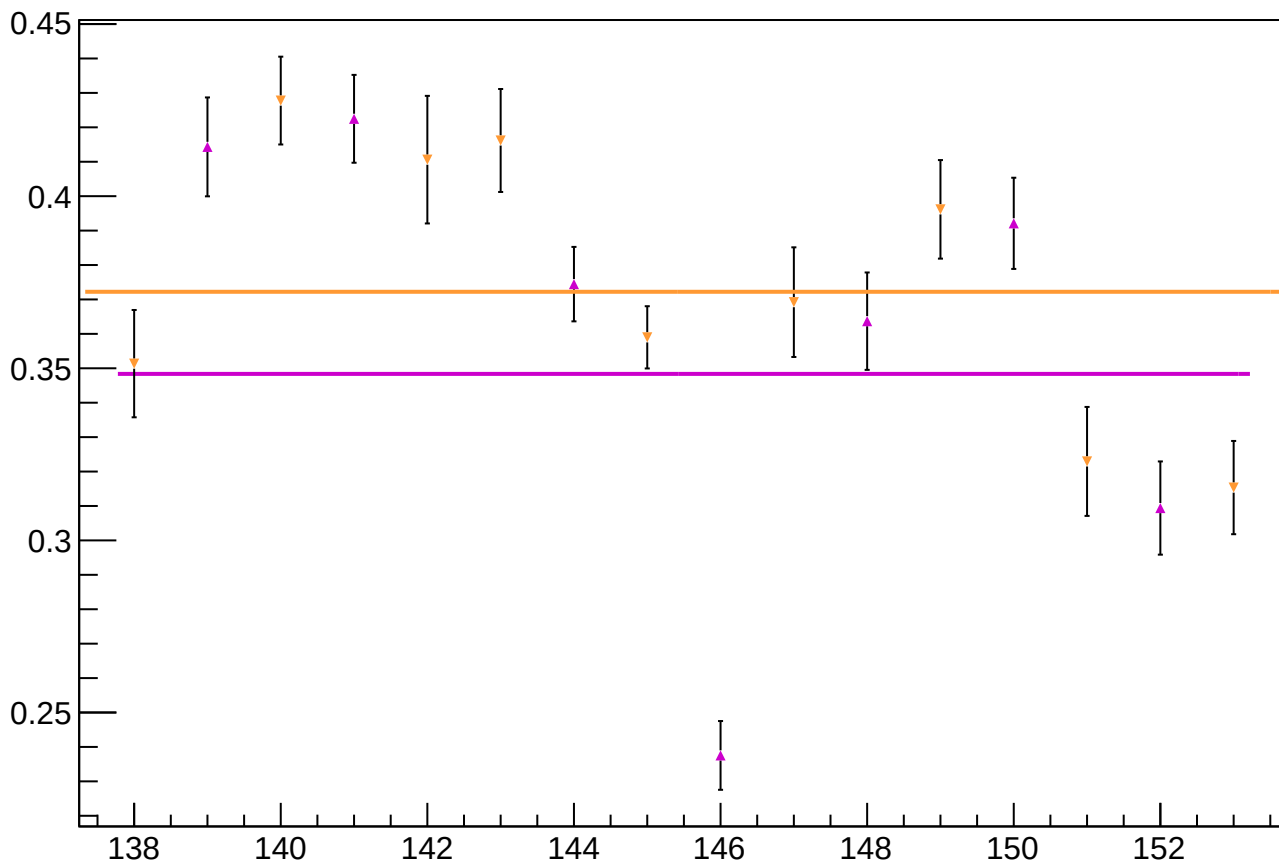
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.934+/-0.092 χ^2/NDF :2690.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.717+/-0.092 χ^2/NDF :1888.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.325+/-0.065 χ^2/NDF : 5038.8/15
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.372 $\pm$ 0.005 χ^2 /NDF:66.0/8

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

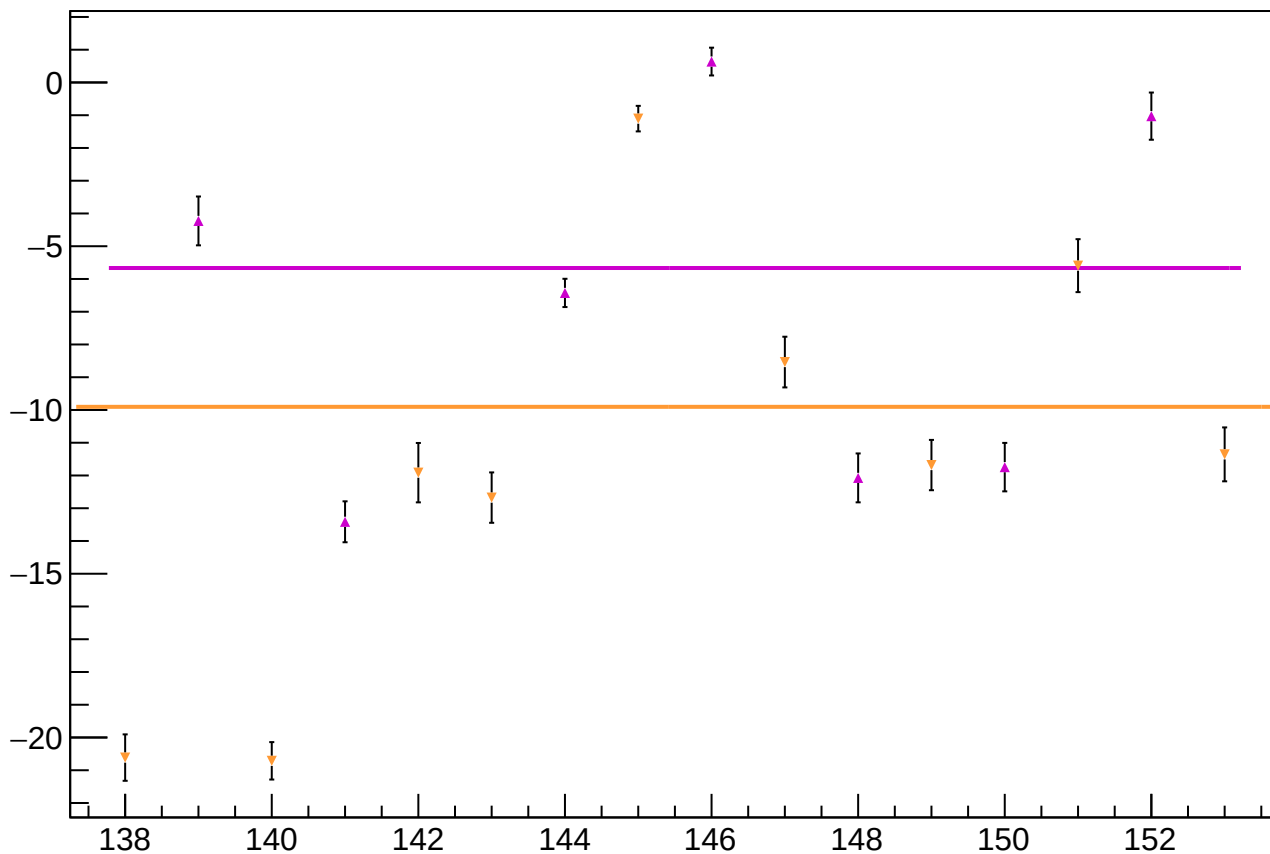
Left In: 0.348 $\pm$ 0.005 χ^2 /NDF:204.1/6

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

All: 0.361 $\pm$ 0.003 χ^2 /NDF: 283.4/15

- 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: -9.904+/-0.219 χ^2/NDF : 1153.0/8

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

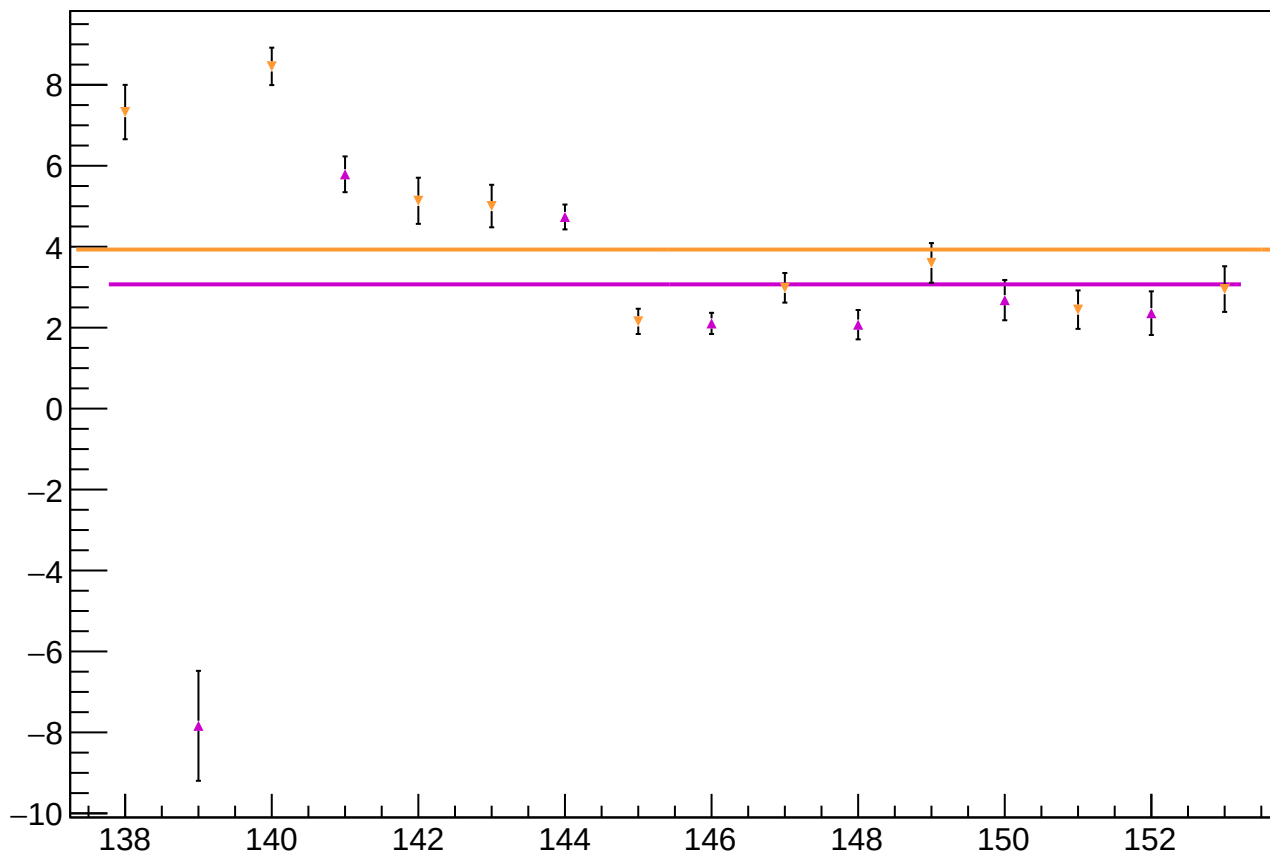
Left In: -5.665+/-0.219 χ^2/NDF : 564.0/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.788+/-0.155 χ^2/NDF : 1904.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 3.930 $\pm$ 0.152 χ^2 /NDF:182.3/8

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

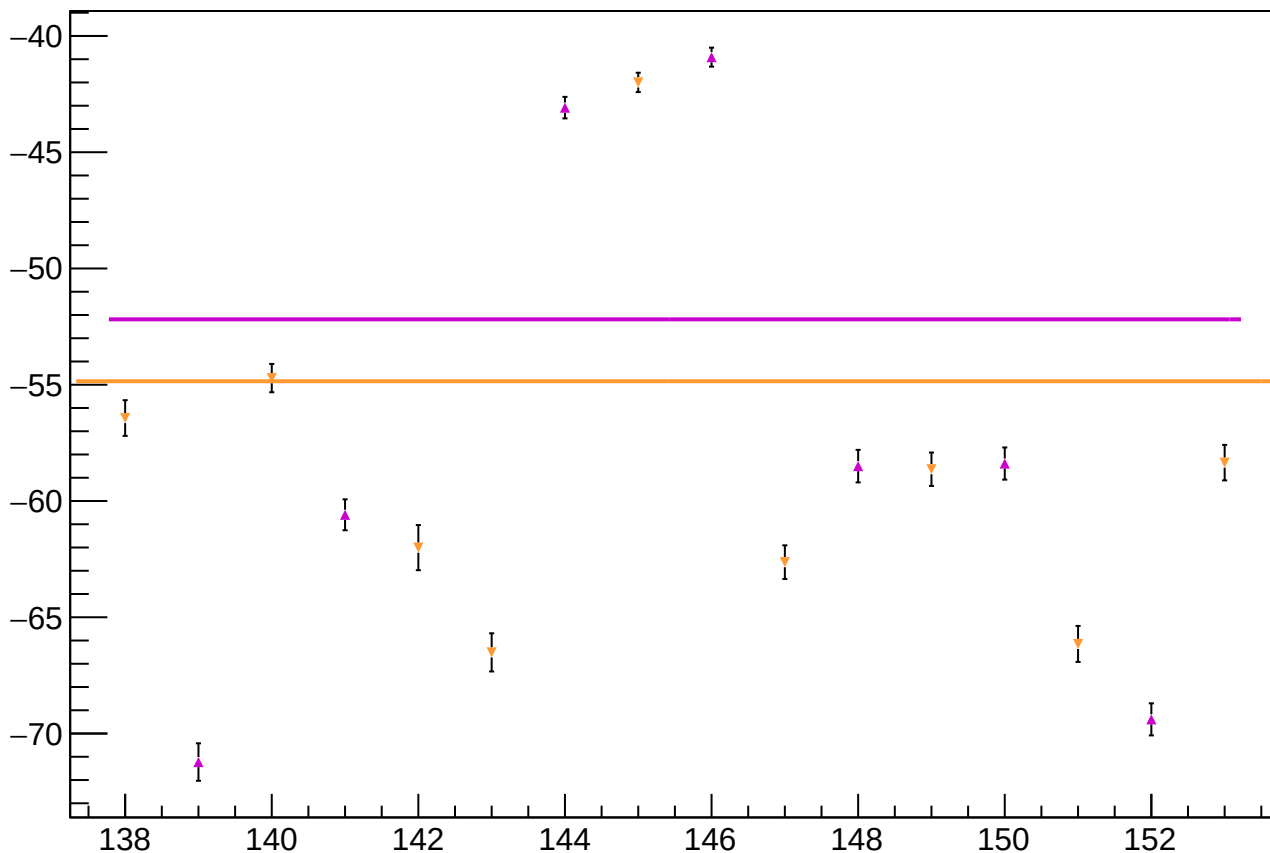
Left In: 3.070 $\pm$ 0.148 χ^2 /NDF:155.2/6

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

All: 3.486 $\pm$ 0.106 χ^2 /NDF: 353.9/15

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

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -54.849+/-0.224 χ^2/NDF :1592.8/8

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

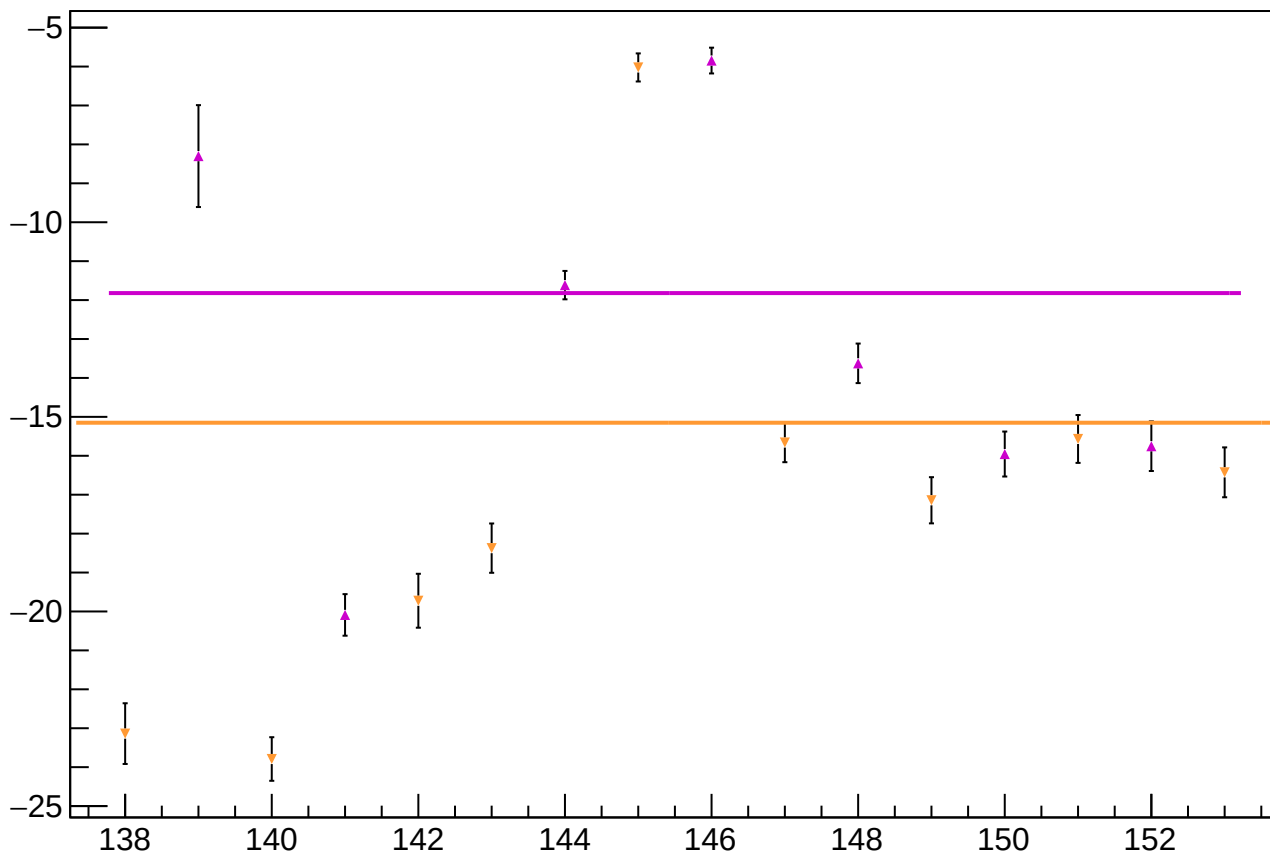
Left In: -52.187+/-0.220 χ^2/NDF :2654.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.493+/-0.157 χ^2/NDF : 4319.2/15

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -15.151 $\pm$ 0.186 χ^2 /NDF:1068.9/8

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

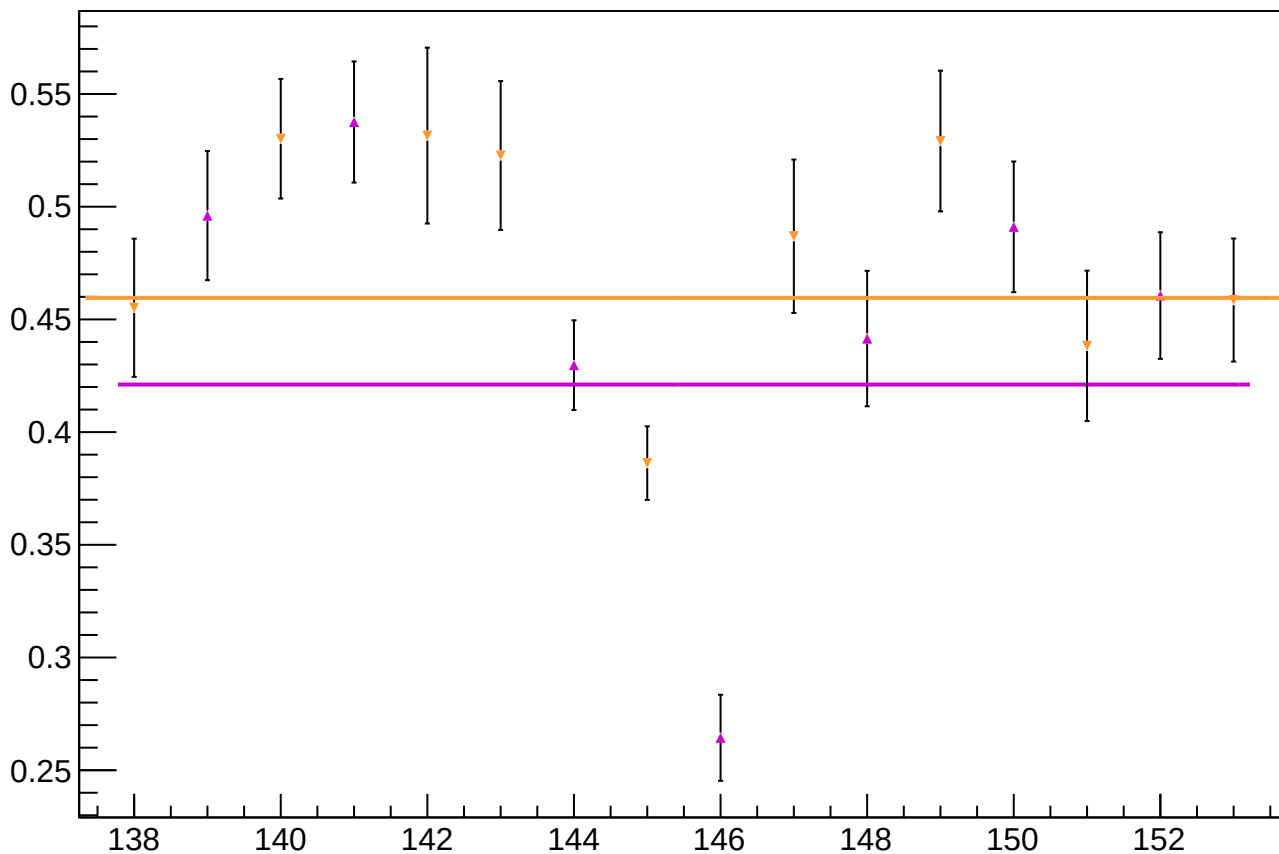
Left In: -11.820 $\pm$ 0.182 χ^2 /NDF:674.7/6

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

All: -13.453 $\pm$ 0.130 χ^2 /NDF: 1907.2/15

- sign 0.000 $\pm$ 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: 0.460 $\pm$ 0.009 χ^2 /NDF:40.4/8

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

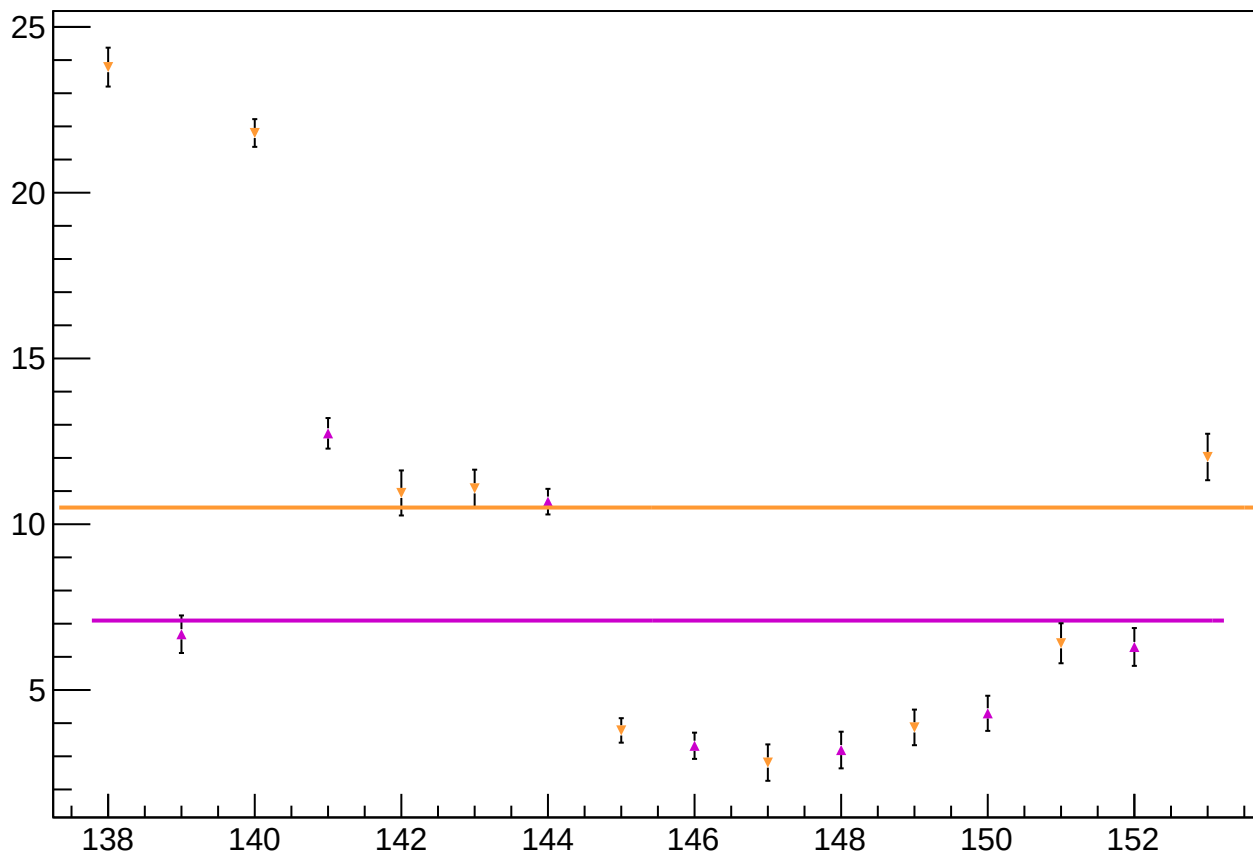
Left In: 0.421 $\pm$ 0.009 χ^2 /NDF:101.5/6

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

All: 0.441 $\pm$ 0.007 χ^2 /NDF: 150.5/15

- 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: 10.504+/-0.174 χ^2/NDF :1974.4/8

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

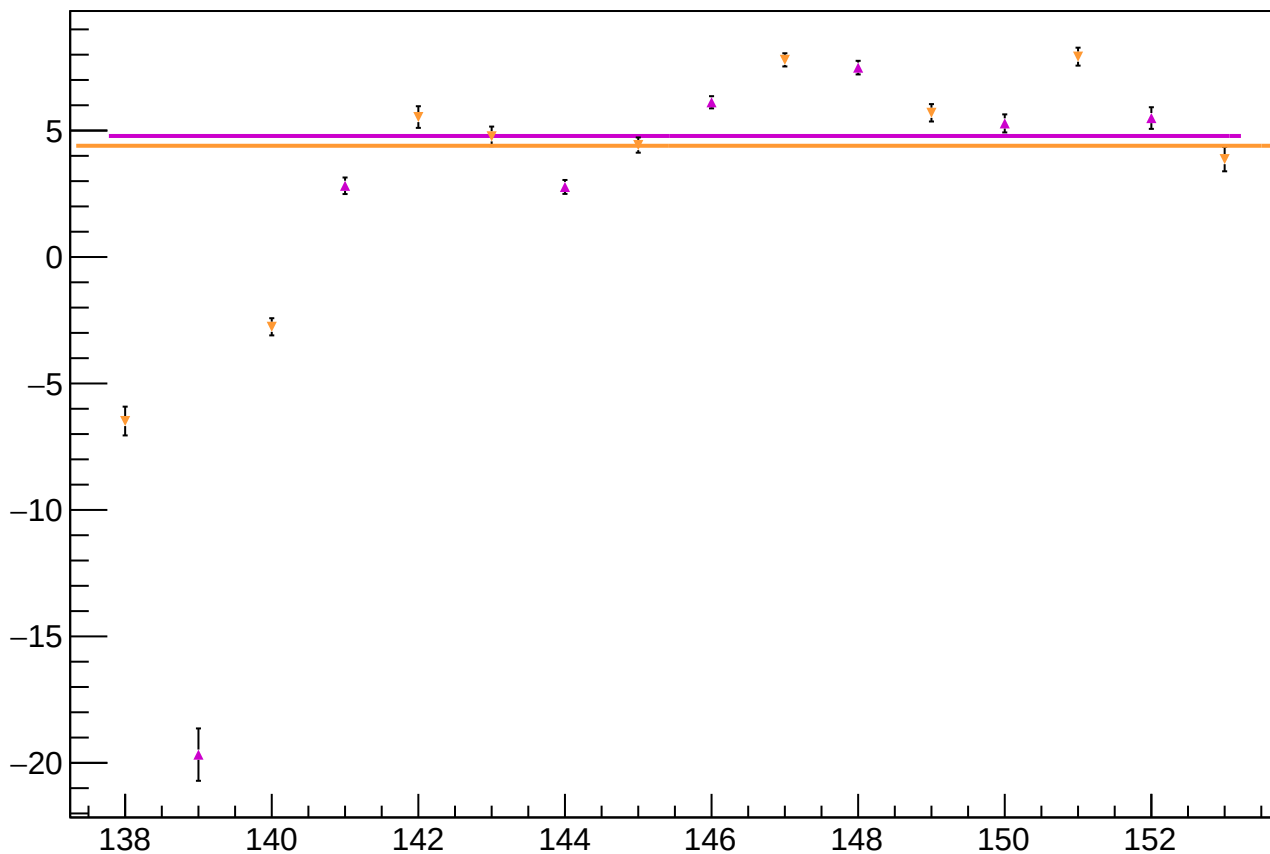
Left In: 7.095+/-0.180 χ^2/NDF :407.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.853+/-0.125 χ^2/NDF : 2566.9/15

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4.398 $\pm$ 0.119 χ^2 /NDF:1101.7/8

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

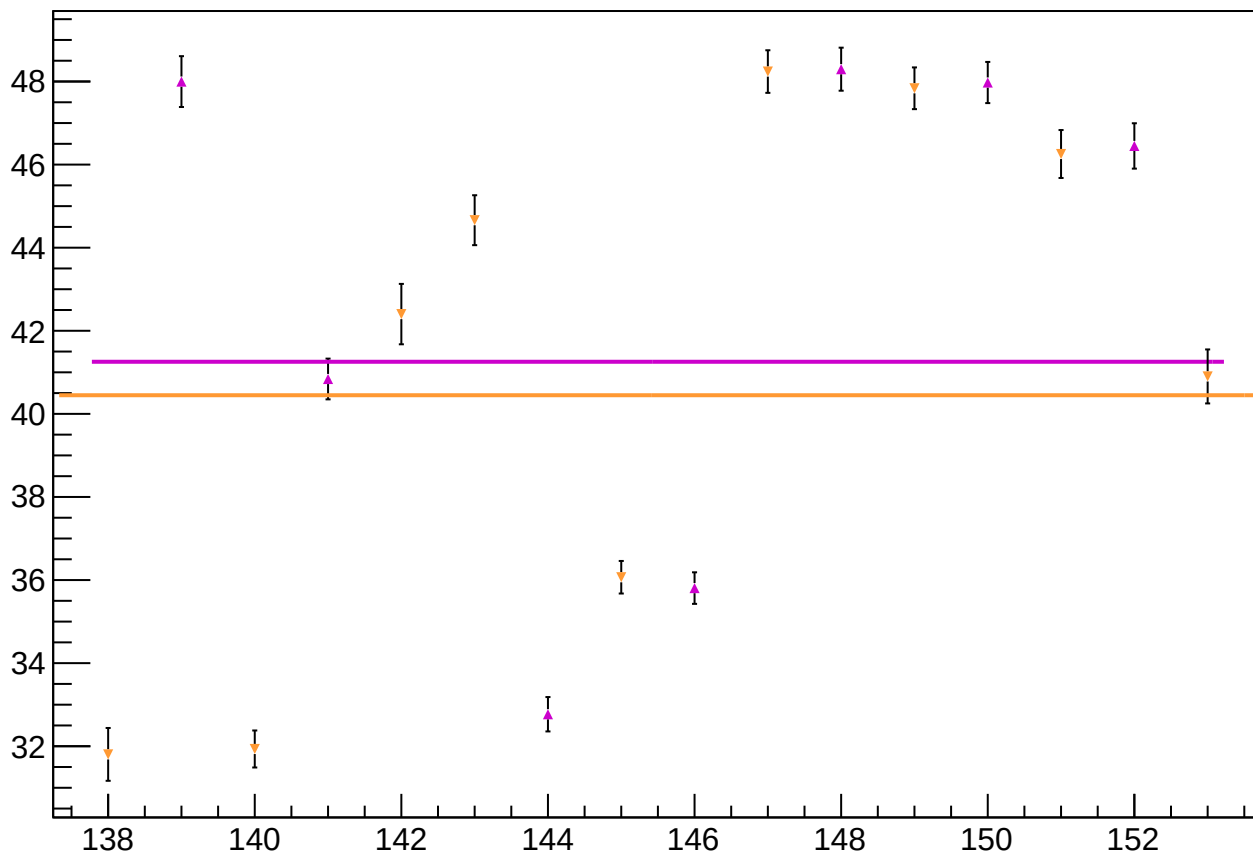
Left In: 4.786 $\pm$ 0.121 χ^2 /NDF:783.7/6

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

All: 4.588 $\pm$ 0.085 χ^2 /NDF: 1890.7/15

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

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 40.449+/-0.177 χ^2/NDF :1280.9/8

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

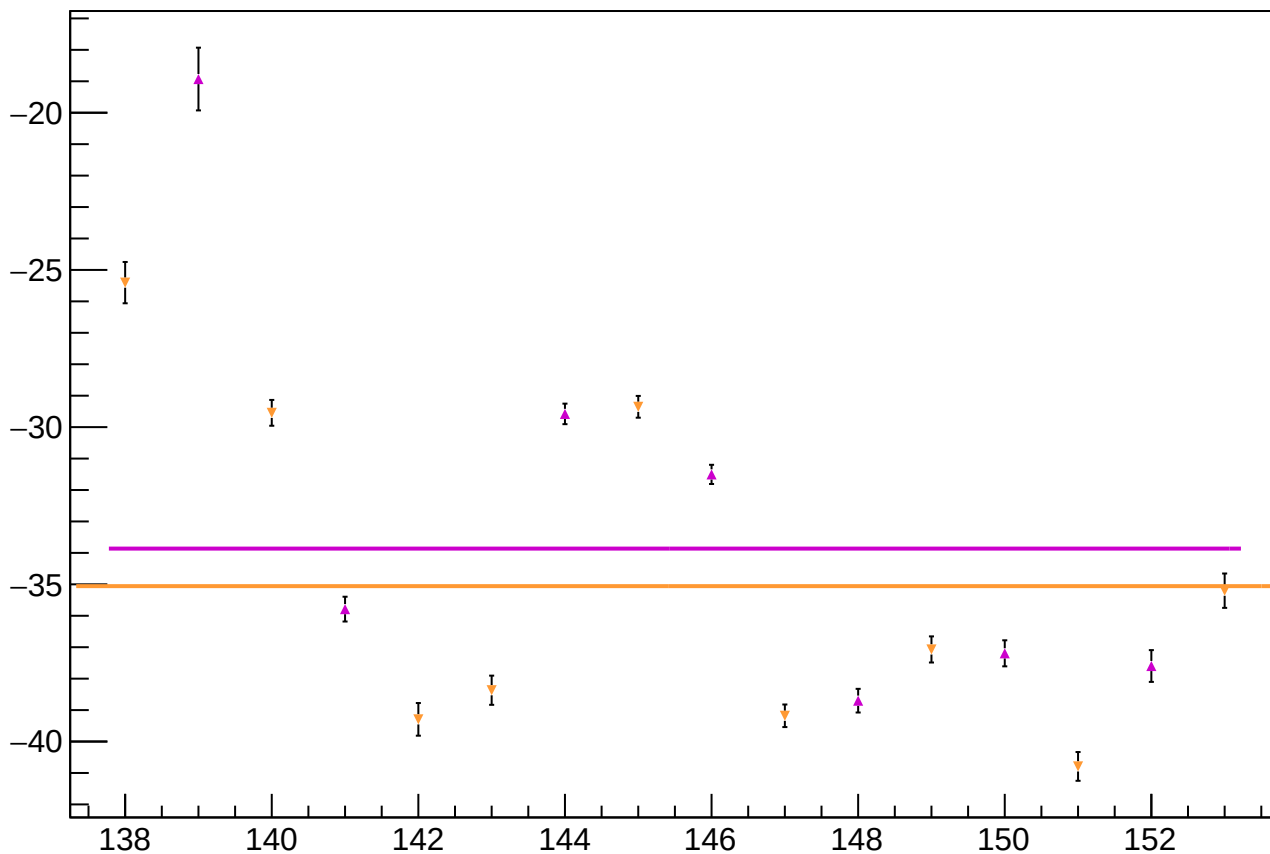
Left In: 41.254+/-0.180 χ^2/NDF :1207.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.844+/-0.126 χ^2/NDF : 2498.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -35.058+/-0.146 χ^2/NDF :1097.0/8

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

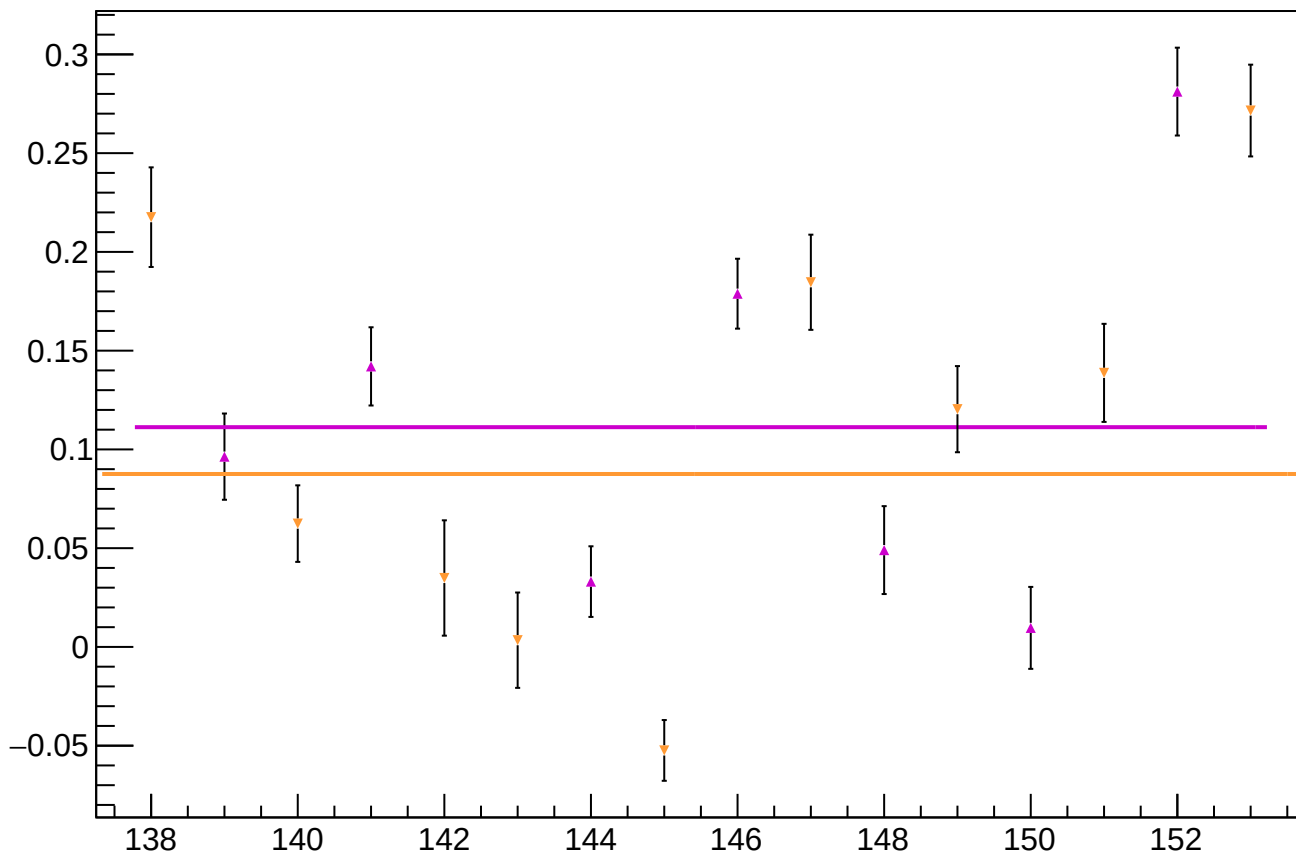
Left In: -33.863+/-0.150 χ^2/NDF :764.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.475+/-0.105 χ^2/NDF : 1893.8/15

- 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: 0.088 $\pm$ 0.007 χ^2 /NDF:212.0/8

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

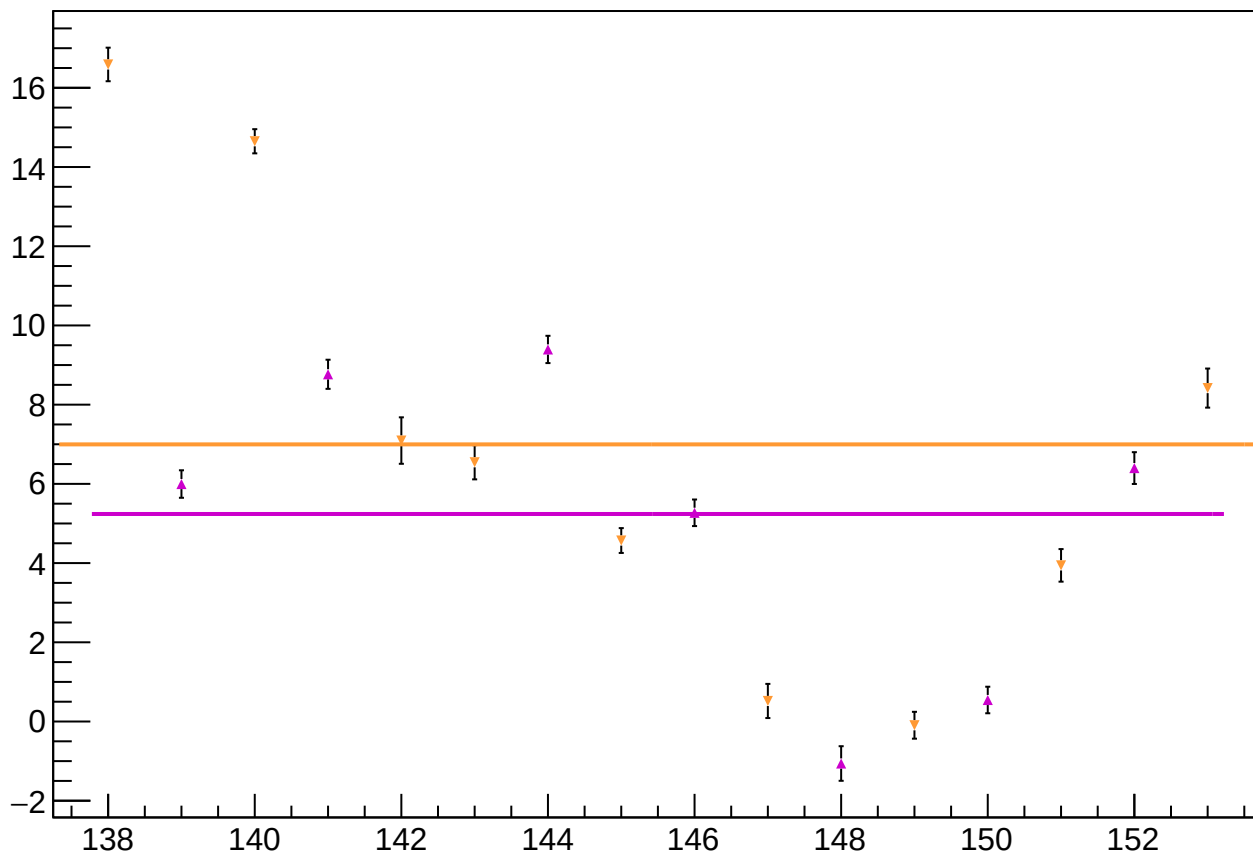
Left In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6

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

All: 0.099 $\pm$ 0.005 χ^2 /NDF: 343.8/15

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

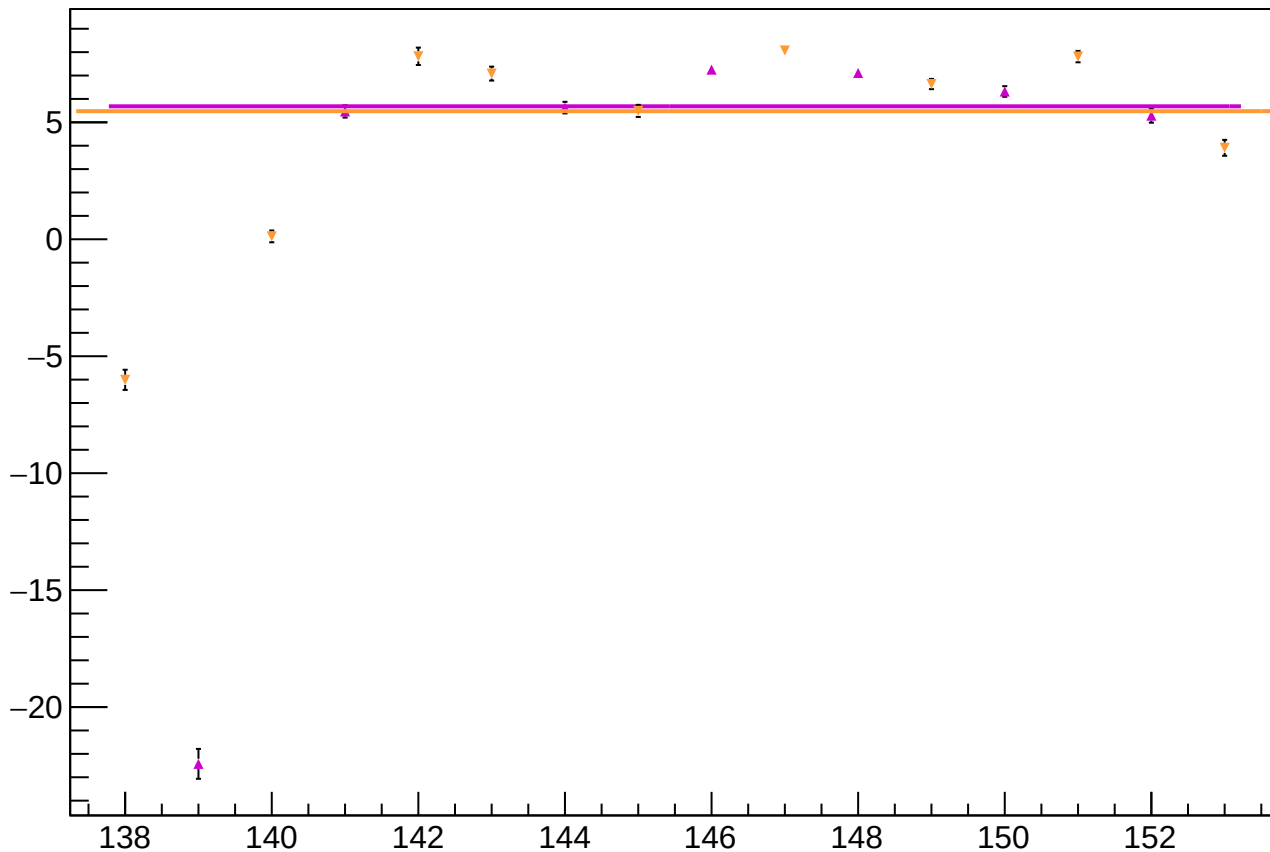
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.997+/-0.130 χ^2/NDF :1928.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.240+/-0.137 χ^2/NDF :655.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.161+/-0.094 χ^2/NDF : 2670.3/15
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

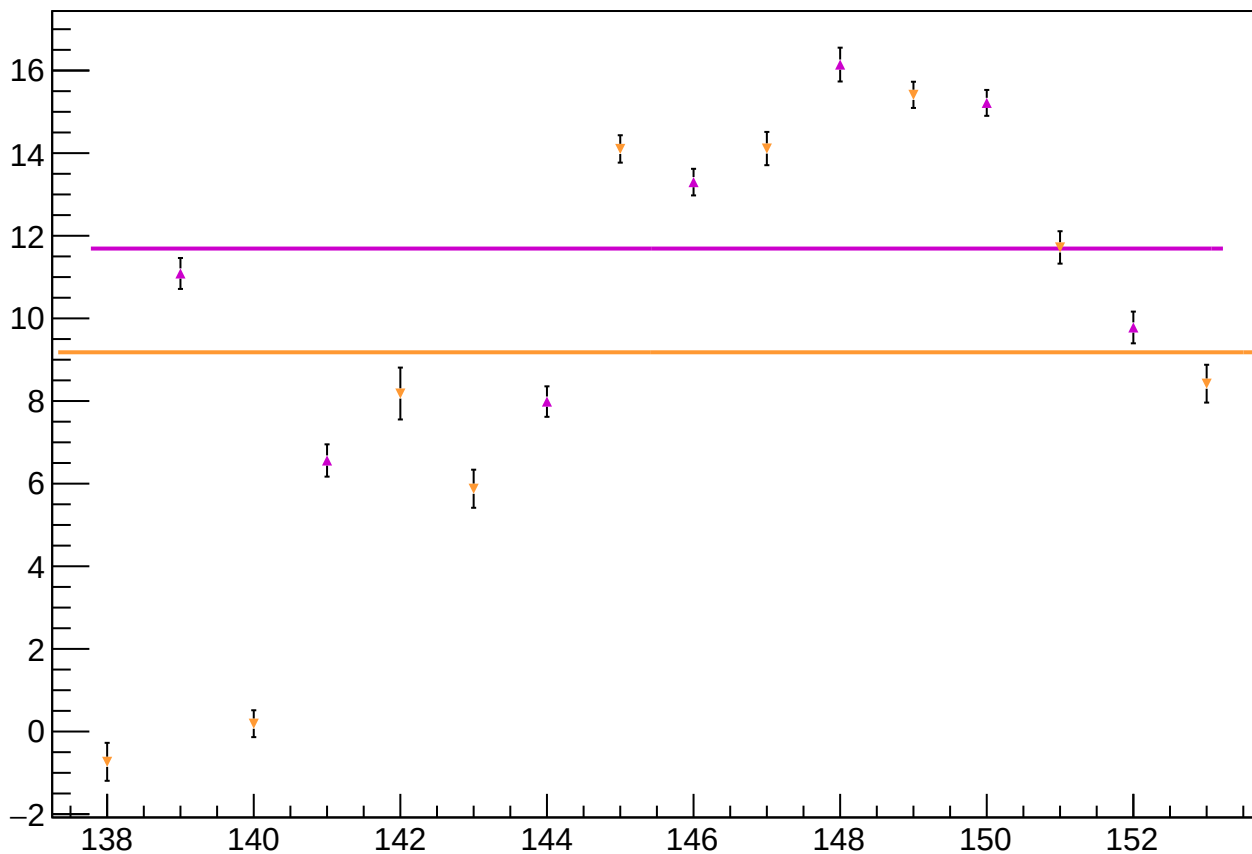
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 5.477 ± 0.090 $\chi^2/\text{NDF}: 1523.3/8$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 5.685 ± 0.097 $\chi^2/\text{NDF}: 2043.5/6$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 5.573 ± 0.066 $\chi^2/\text{NDF}: 3569.3/15$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

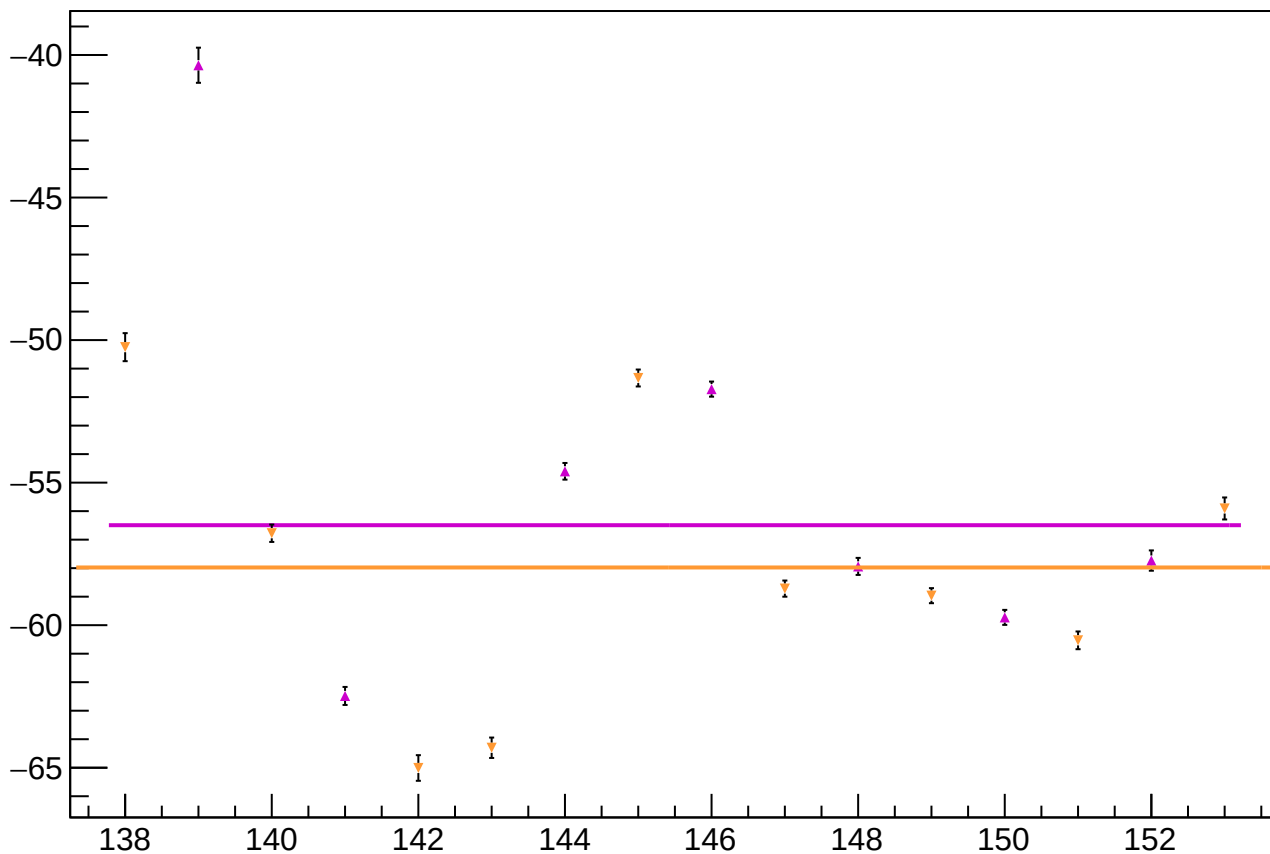
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.180+/-0.131 χ^2/NDF : 2084.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.690+/-0.137 χ^2/NDF : 569.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 10.386+/-0.095 χ^2/NDF : 2829.6/15
 - 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: -57.976+/-0.110 χ^2/NDF : 1437.2/8

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

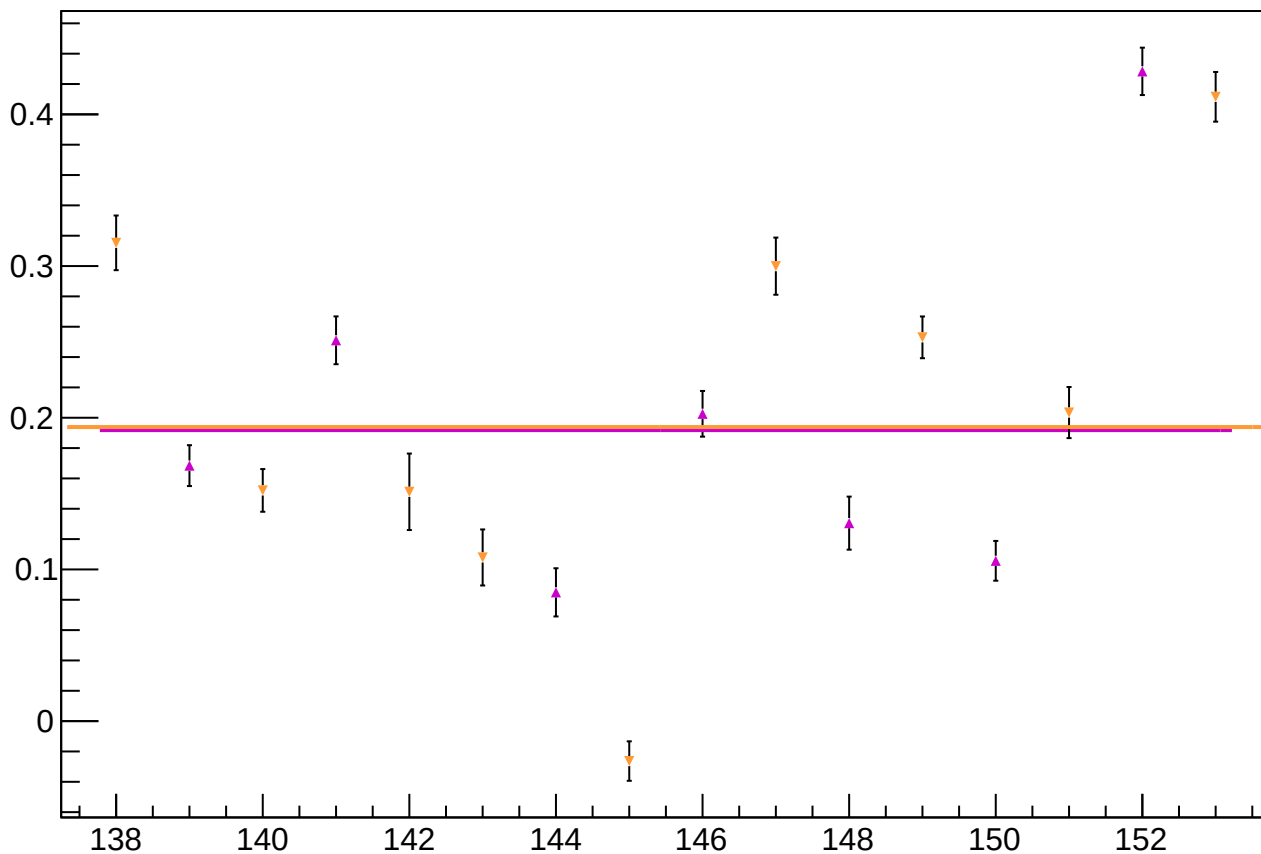
Left In: -56.493+/-0.118 χ^2/NDF : 1597.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.286+/-0.080 χ^2/NDF : 3119.6/15

- 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: 0.194 $\pm$ 0.005 χ^2 /NDF:592.4/8

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

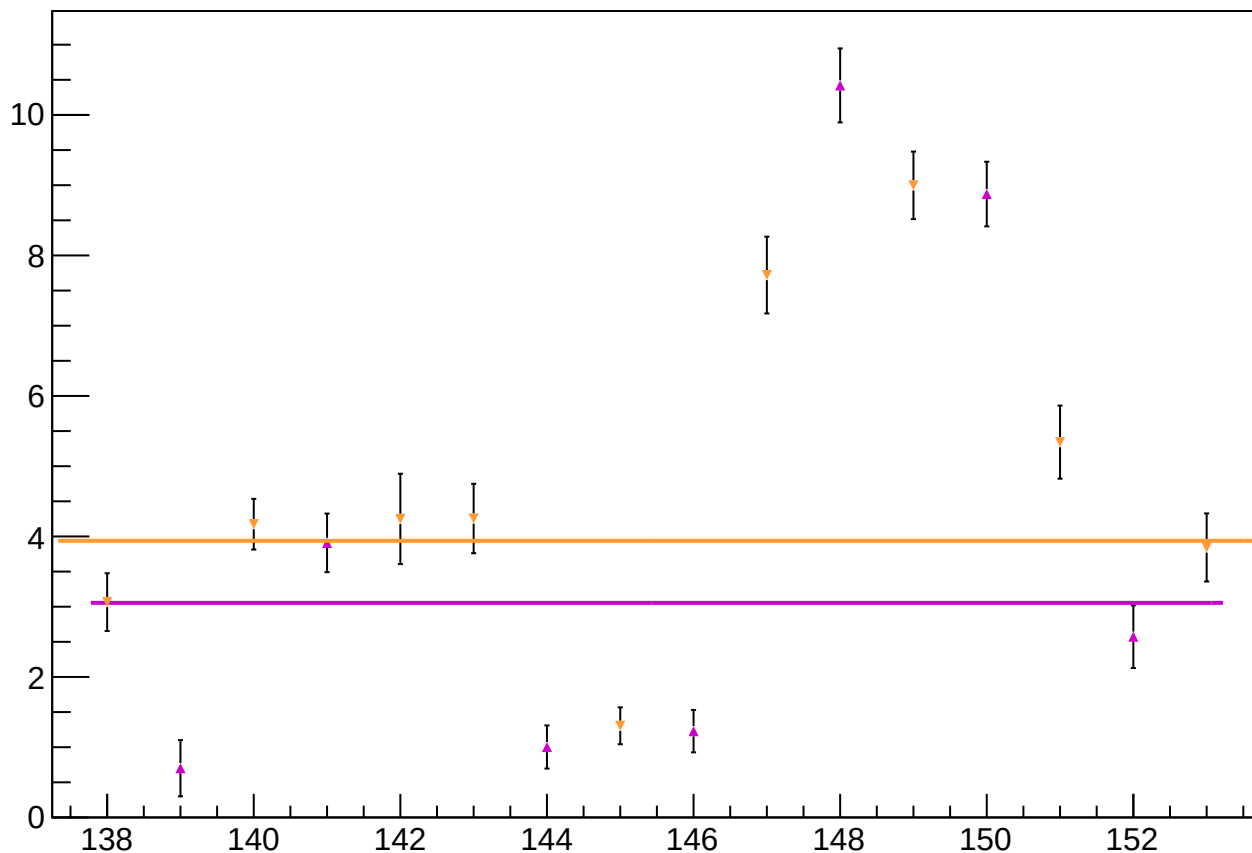
Left In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6

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

All: 0.193 $\pm$ 0.004 χ^2 /NDF: 940.2/15

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

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.938 $\pm$ 0.141 χ^2 /NDF:271.9/8

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

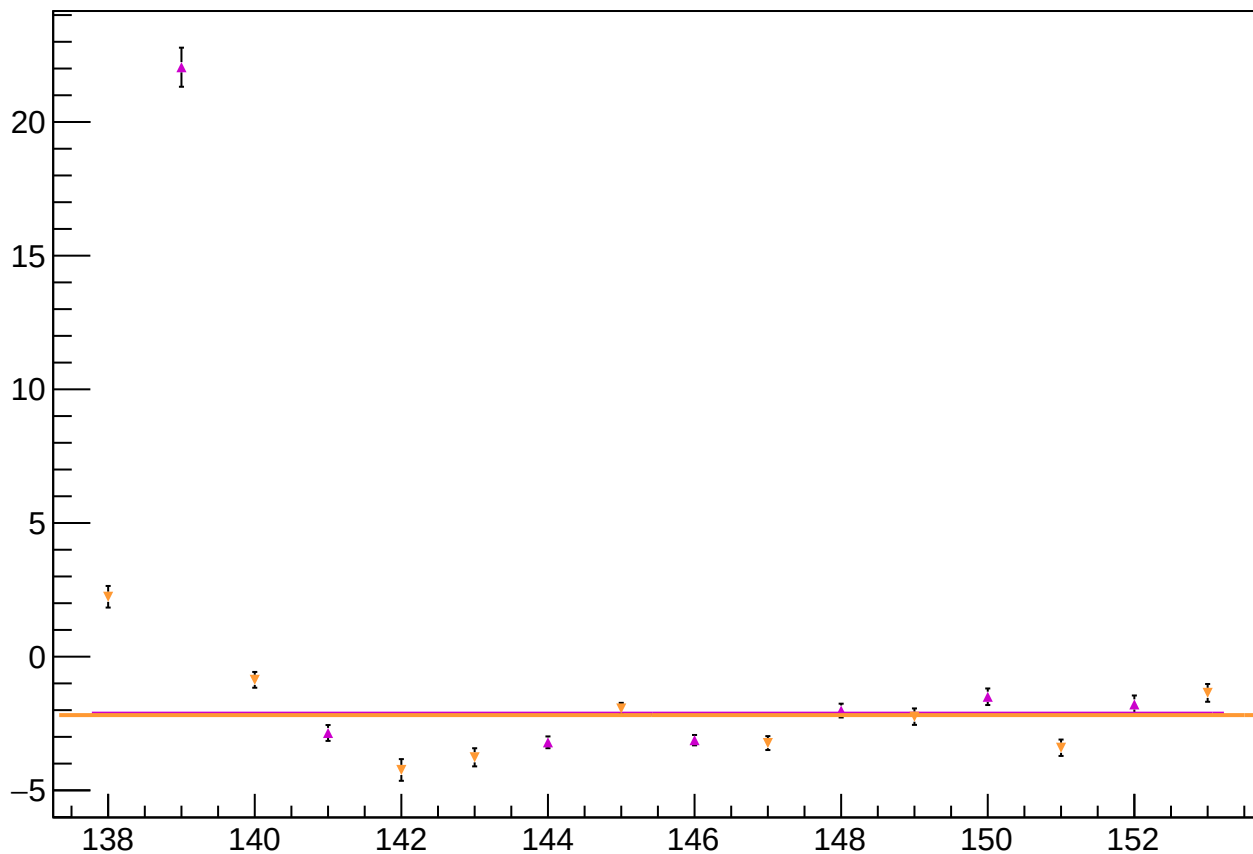
Left In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6

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

All: 3.511 $\pm$ 0.101 χ^2 /NDF: 767.8/15

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

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.186+/-0.100 χ^2/NDF : 226.9/8

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

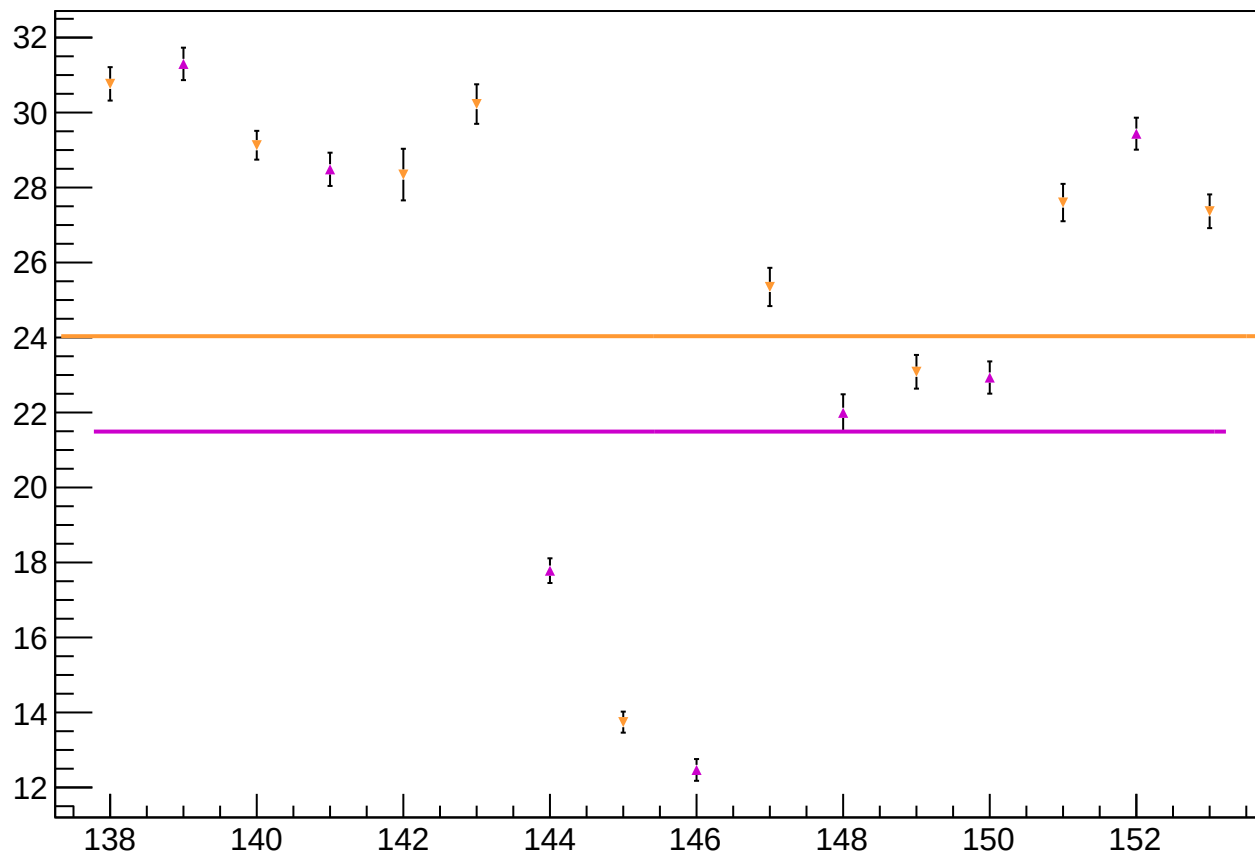
Left In: -2.132+/-0.103 χ^2/NDF : 1155.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.159+/-0.072 χ^2/NDF : 1382.3/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 24.035+/-0.144 χ^2/NDF : 2046.1/8

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

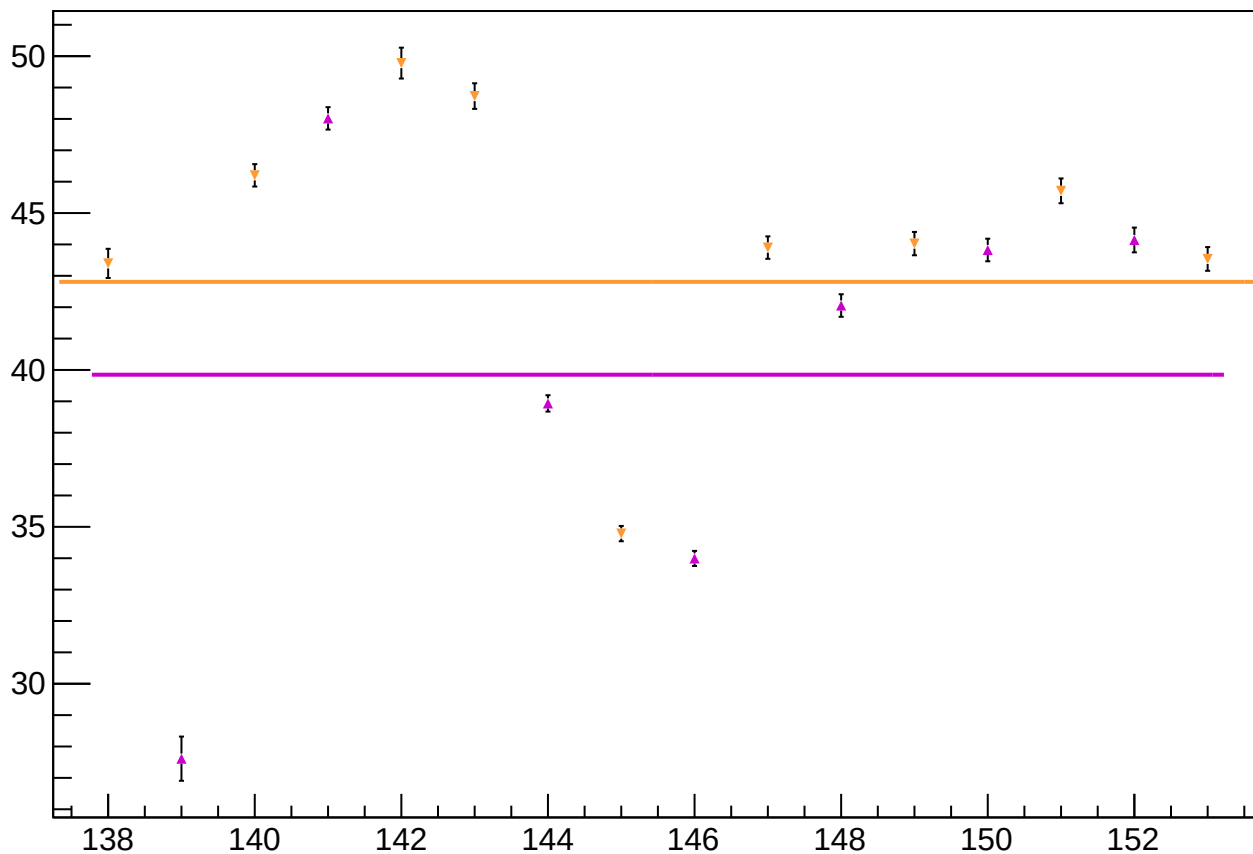
Left In: 21.491+/-0.147 χ^2/NDF : 2216.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.783+/-0.103 χ^2/NDF : 4415.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

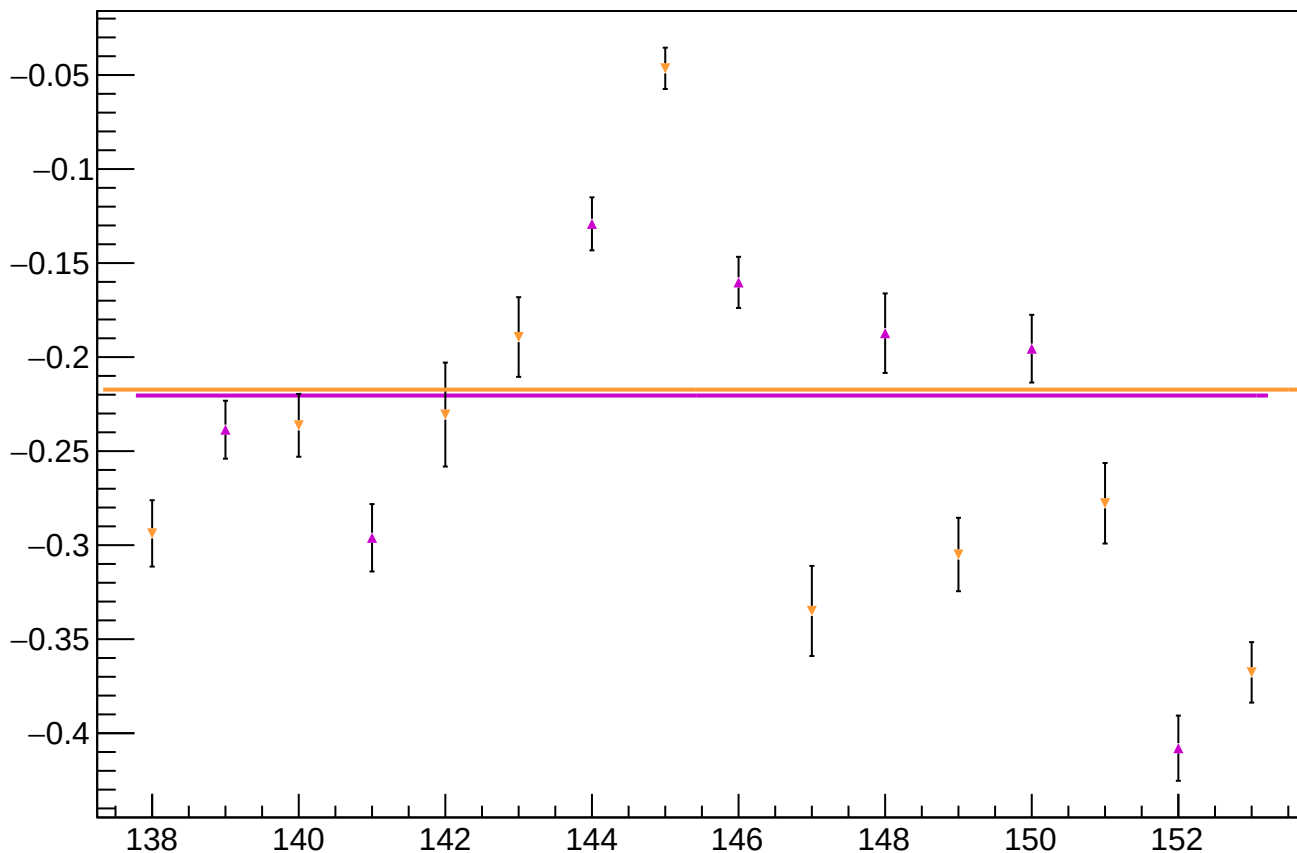
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.807+/-0.121 χ^2/NDF :1662.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.848+/-0.125 χ^2/NDF :1706.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 41.375+/-0.087 χ^2/NDF : 3657.1/15
 - 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: -0.217+/-0.006 χ^2/NDF : 403.5/8

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

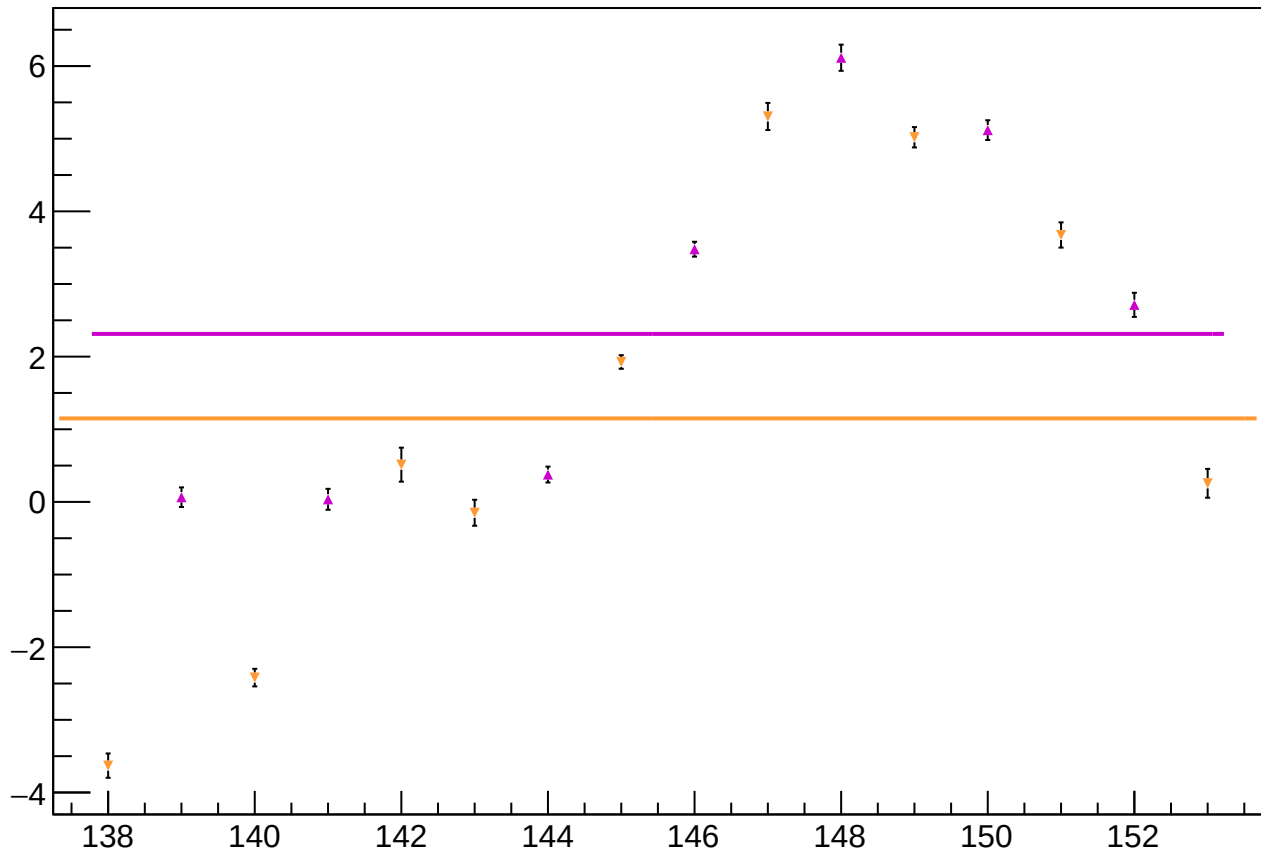
Left In: -0.220+/-0.006 χ^2/NDF : 202.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.219+/-0.004 χ^2/NDF : 605.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

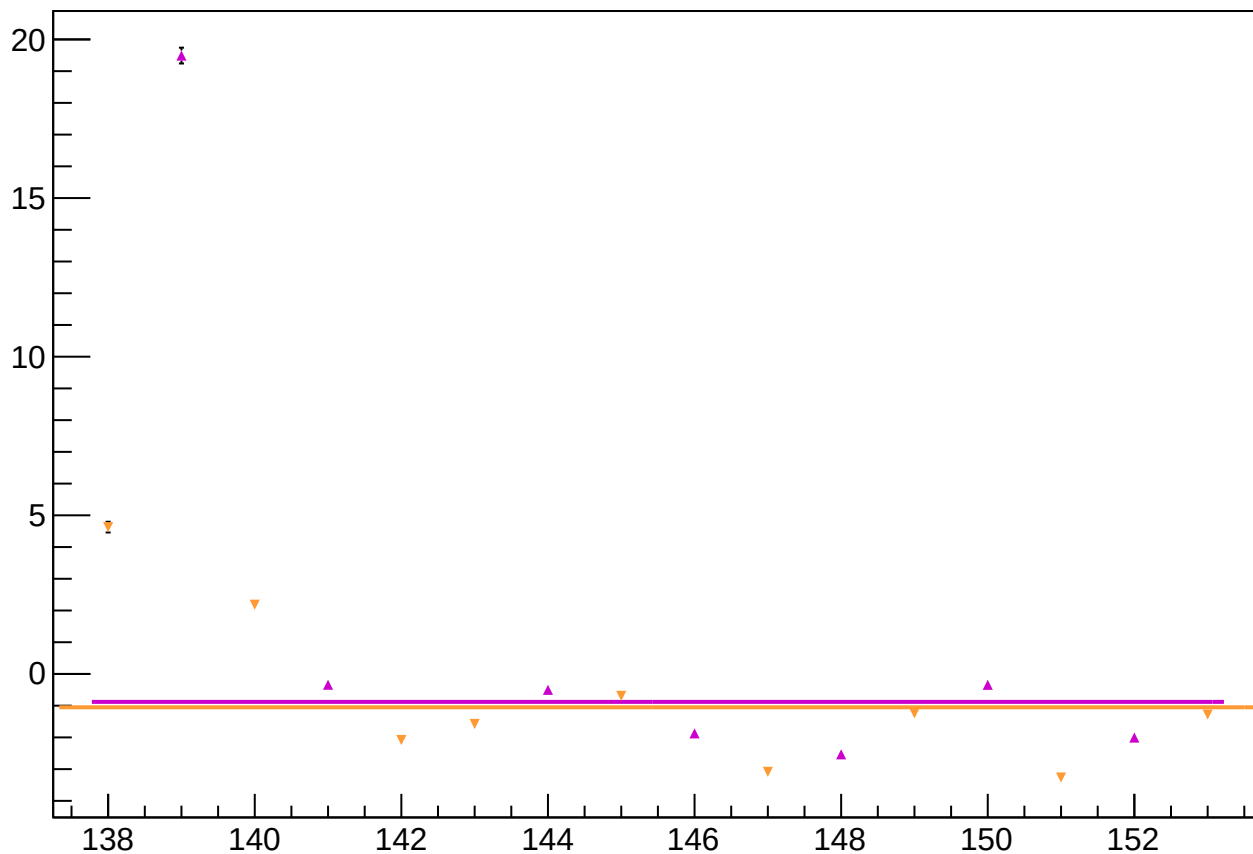
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.150 $\pm$ 0.050 χ^2 /NDF:3302.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.313 $\pm$ 0.050 χ^2 /NDF:1848.8/6

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1.730 $\pm$ 0.035 χ^2 /NDF: 5424.9/15
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

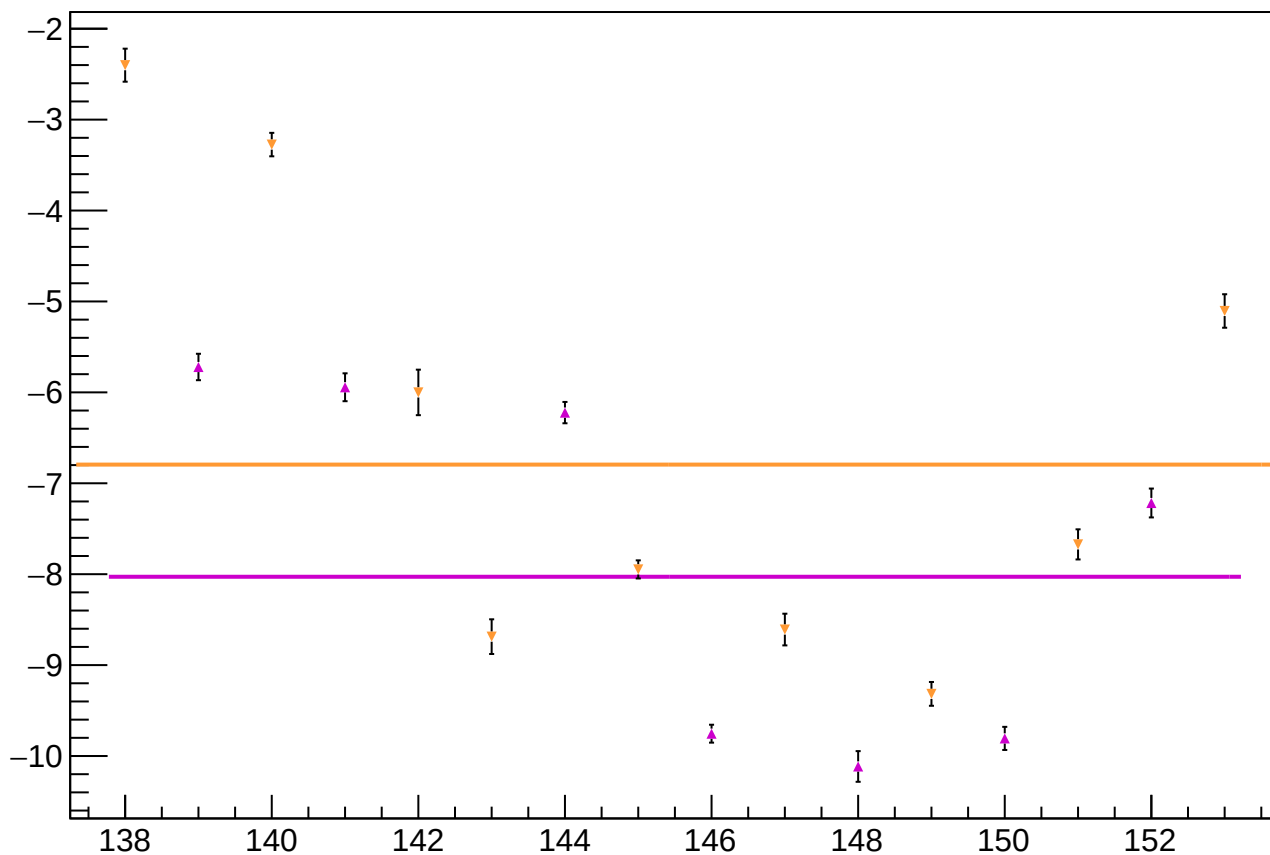
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.051+/-0.035 χ^2/NDF : 3247.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.966+/-0.025 χ^2/NDF : 10674.4/15
 - 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: -6.795+/-0.051 χ^2/NDF :2163.5/8

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

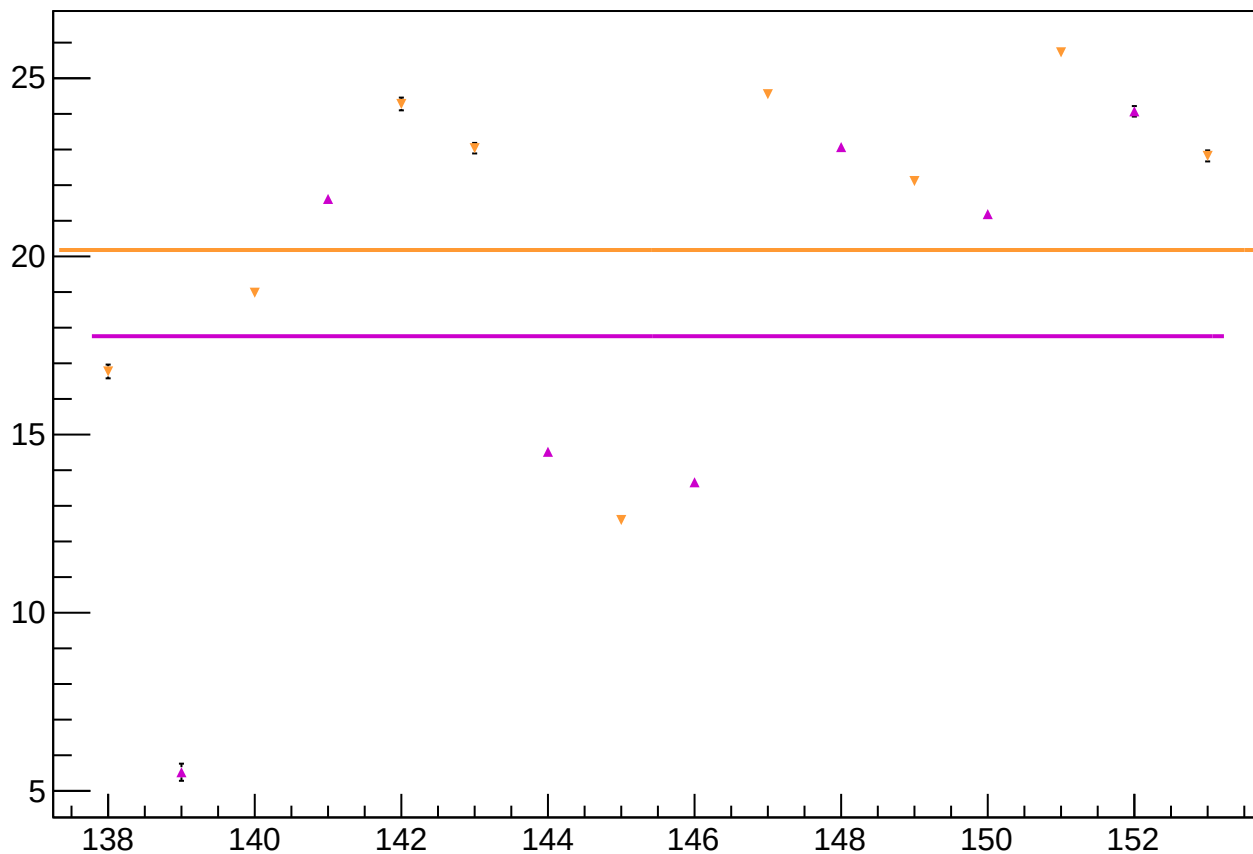
Left In: -8.028+/-0.050 χ^2/NDF :1355.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.420+/-0.035 χ^2/NDF : 3821.3/15

- 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: 20.180+/-0.043 χ^2/NDF :12343.0/8

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

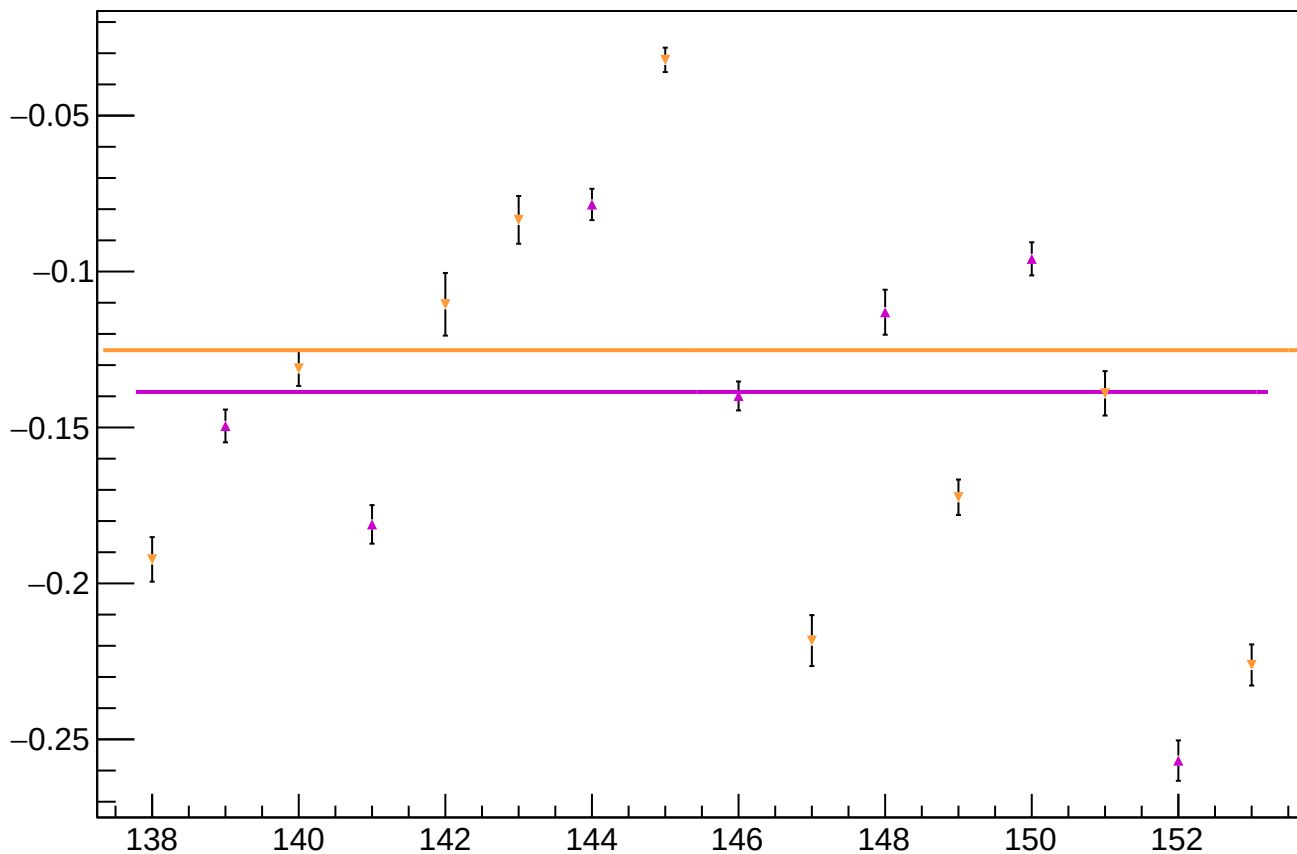
Left In: 17.761+/-0.043 χ^2/NDF :11977.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.977+/-0.030 χ^2/NDF : 25925.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.125+/-0.002 χ^2/NDF :1125.9/8

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

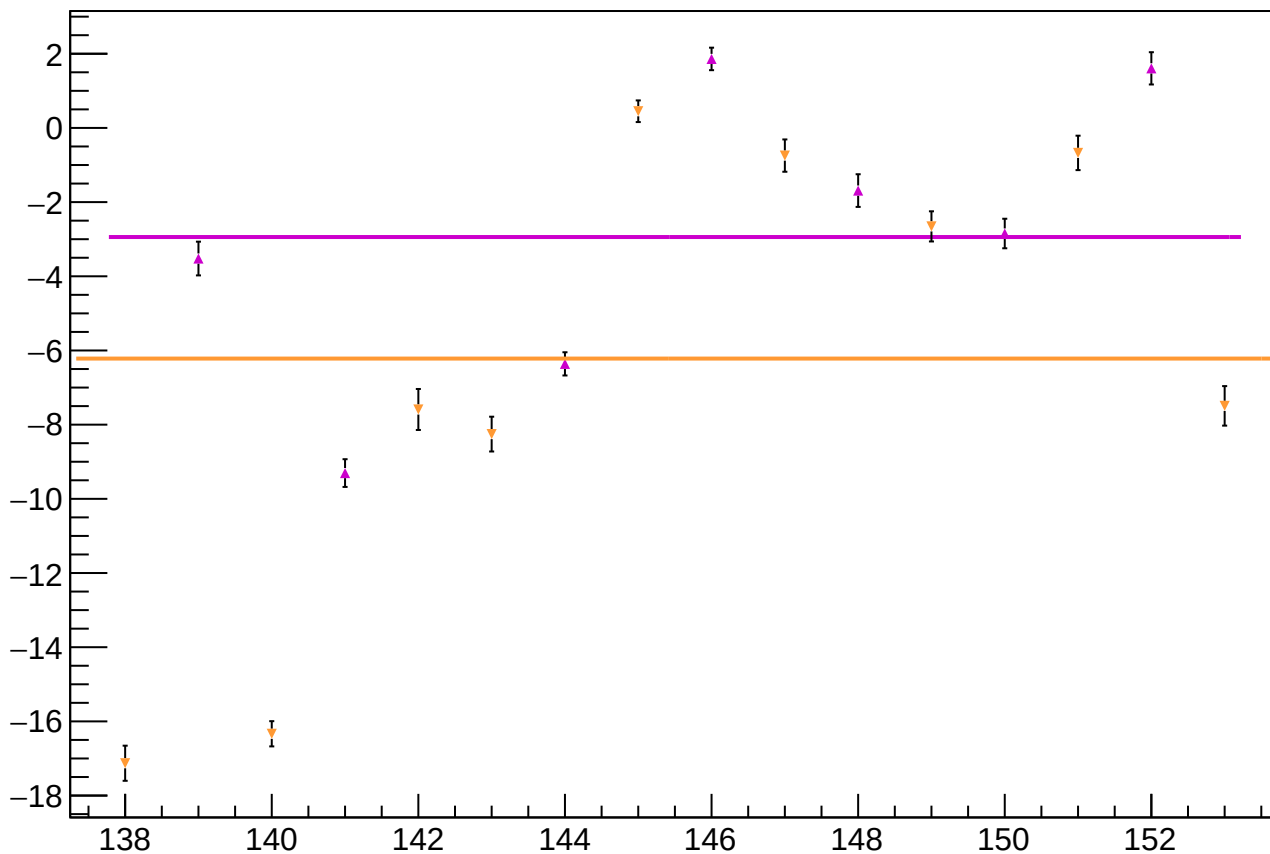
Left In: -0.139+/-0.002 χ^2/NDF :605.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.132+/-0.001 χ^2/NDF : 1752.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

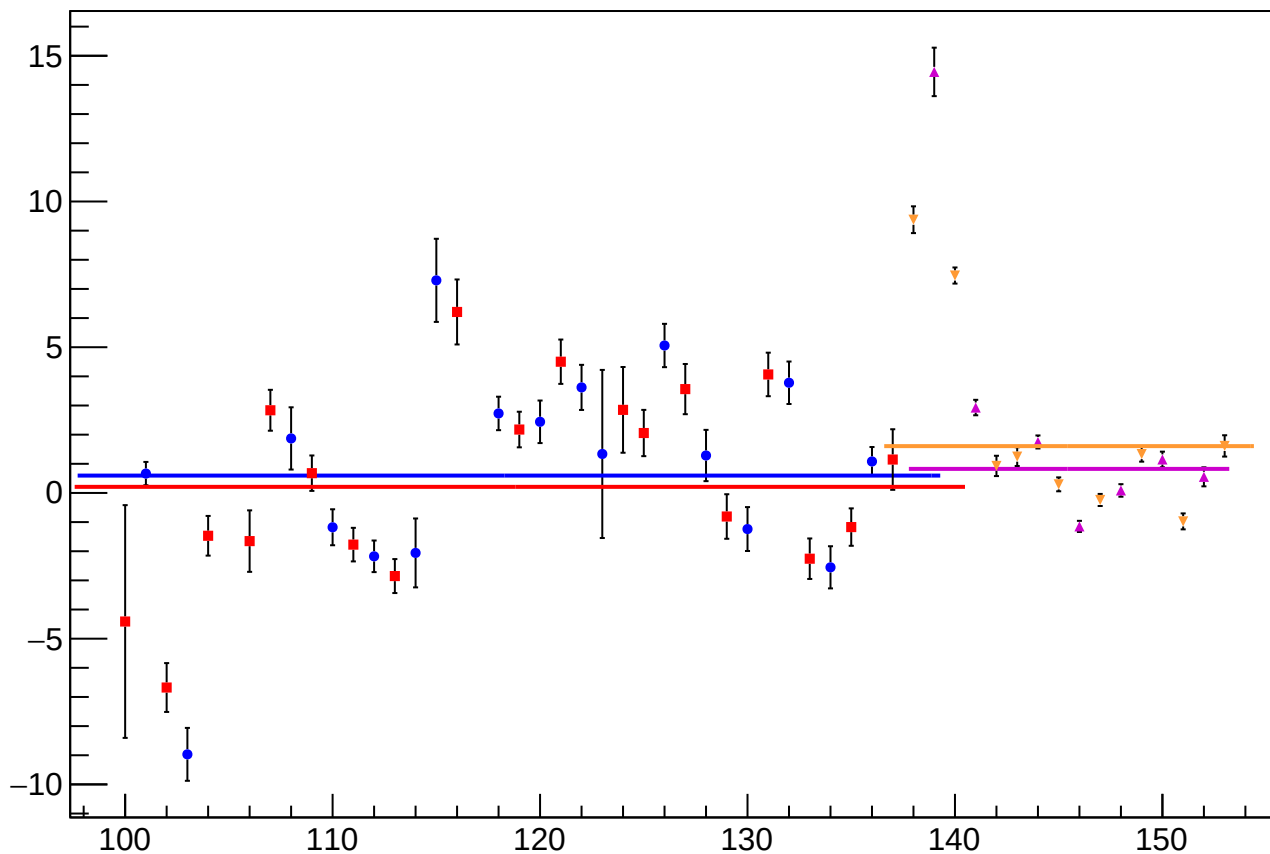
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.218+/-0.138 χ^2/NDF : 2345.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.941+/-0.142 χ^2/NDF : 778.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.617+/-0.099 χ^2/NDF : 3398.0/15
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.606 ± 0.094 χ^2/NDF : 939.6/8

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

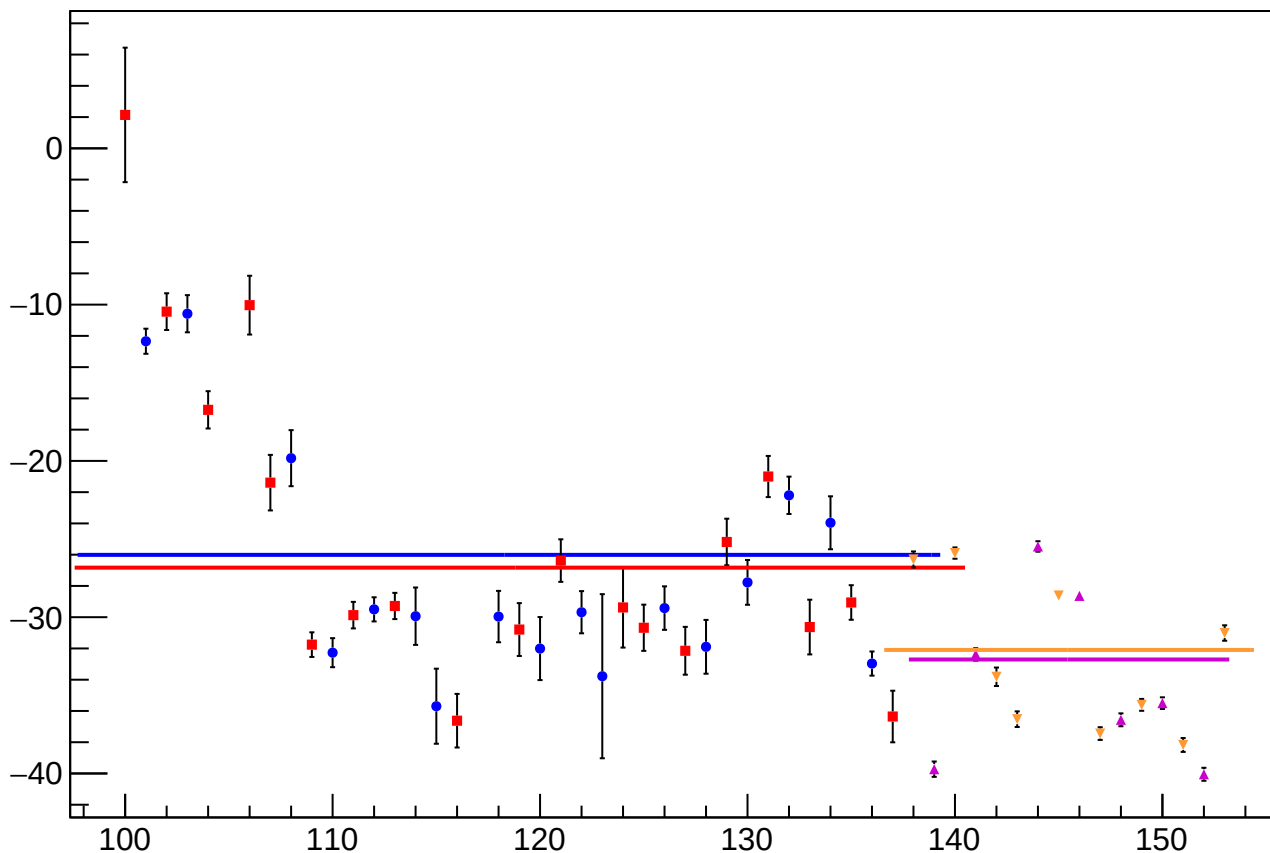
Left In: 0.826 ± 0.096 χ^2/NDF : 469.1/6

+ sign 1.366 ± 0.082 χ^2/NDF : 1258.0/25

All: 1.032 ± 0.059 χ^2/NDF : 2043.8/51

- sign 0.682 ± 0.084 χ^2/NDF : 752.2/25

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.095 ± 0.140 χ^2/NDF : 1085.0/8

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

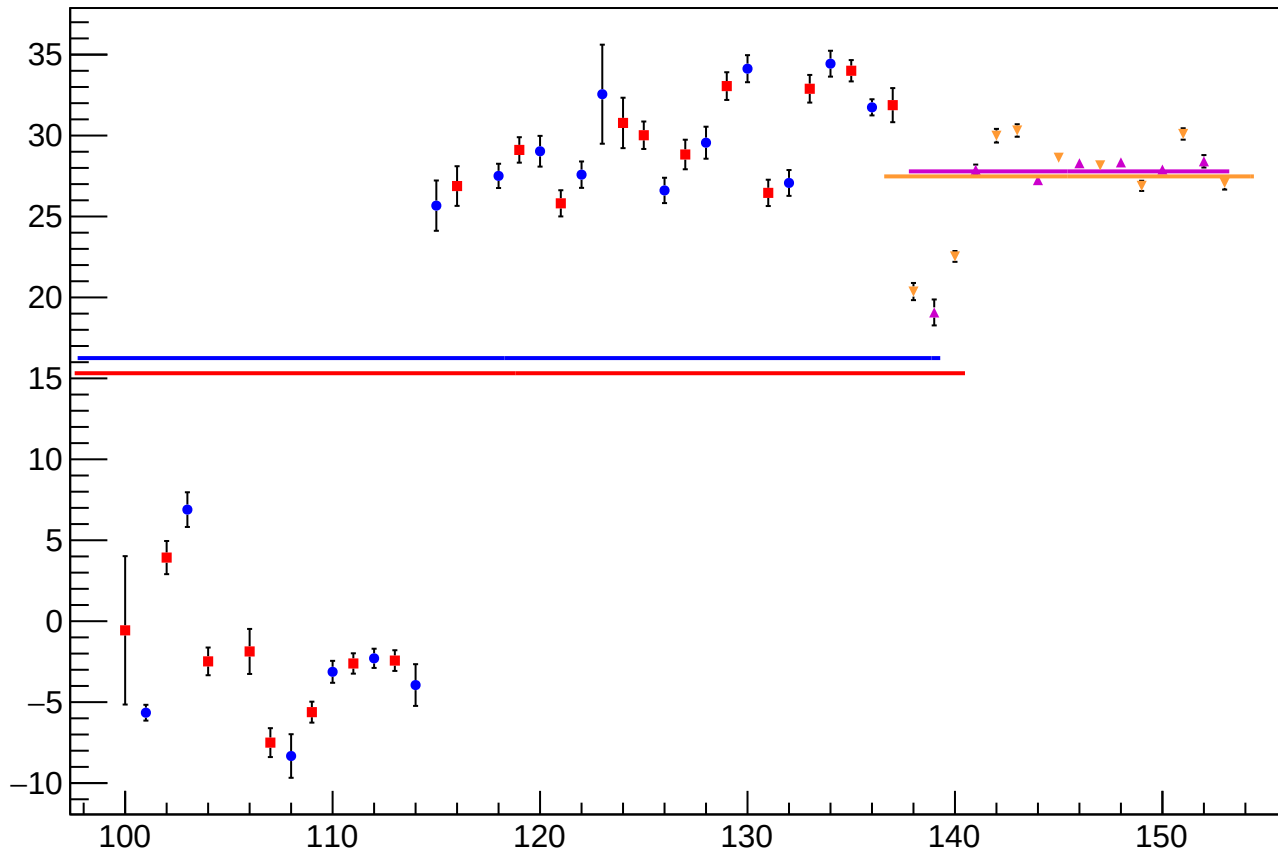
Left In: -32.707 ± 0.141 χ^2/NDF : 1319.8/6

+ sign -31.002 ± 0.127 χ^2/NDF : 2116.2/25

All: -31.311 ± 0.090 χ^2/NDF : 4347.9/51

- sign -31.623 ± 0.128 χ^2/NDF : 2219.8/25

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: 27.477 $\pm$ 0.116 χ^2 /NDF: 571.2/8

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

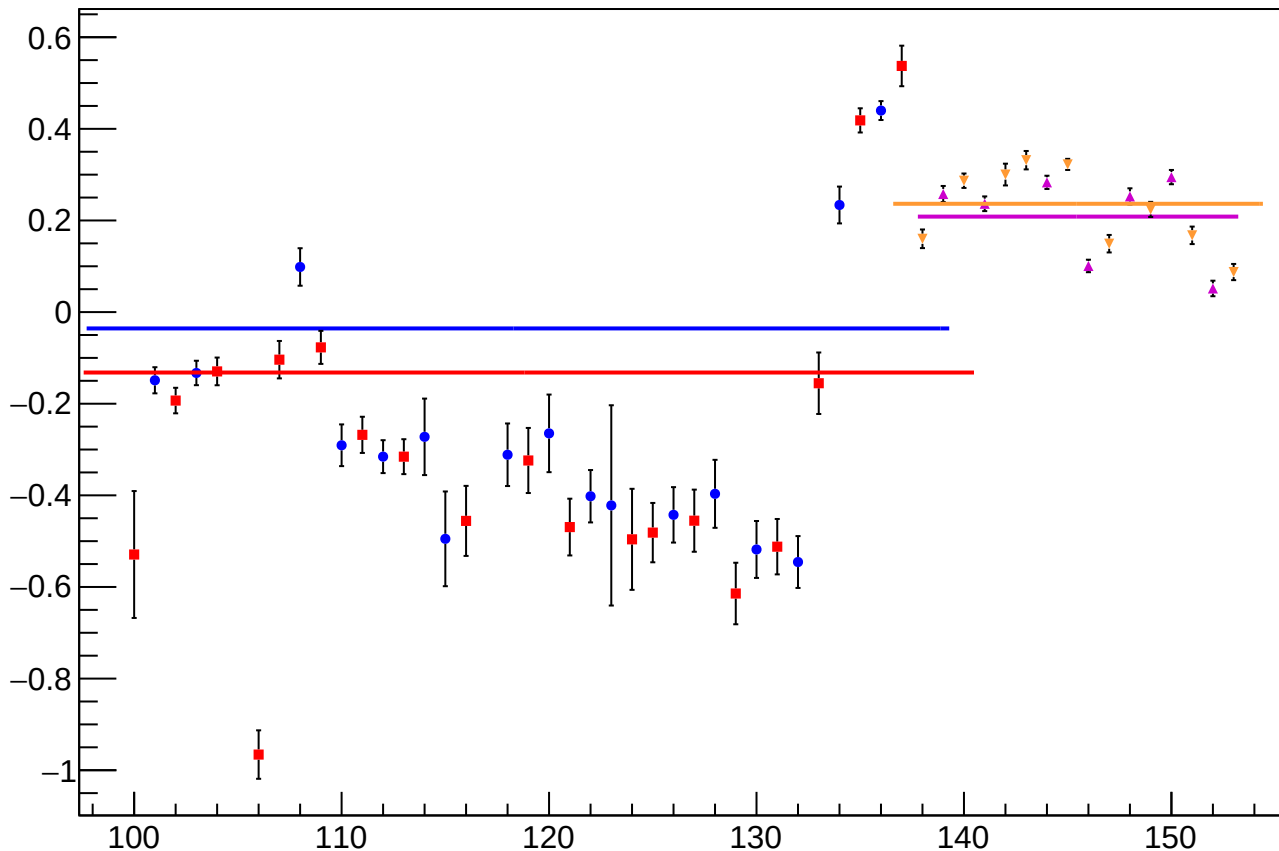
Left In: 27.787 $\pm$ 0.118 χ^2 /NDF: 133.0/6

+ sign 24.452 $\pm$ 0.099 χ^2 /NDF: 10704.3/25

All: 24.464 $\pm$ 0.071 χ^2 /NDF: 21060.4/51

- sign 24.477 $\pm$ 0.102 χ^2 /NDF: 10356.0/25

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 $\pm$ 0.010 χ^2 /NDF: 1014.5/16

Left Out: 0.236 $\pm$ 0.006 χ^2 /NDF:209.6/8

Right Out: -0.132 $\pm$ 0.010 χ^2 /NDF: 1171.3/18

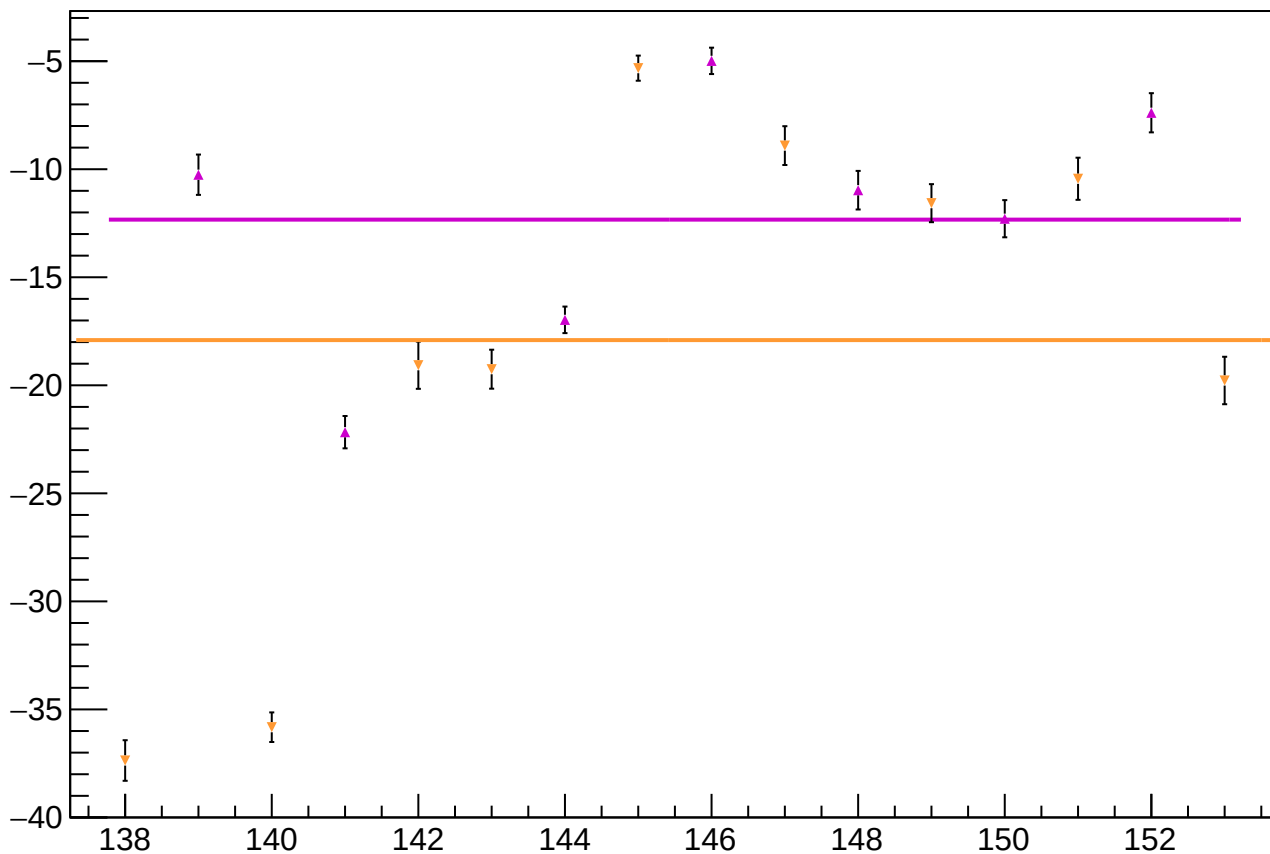
Left In: 0.208 $\pm$ 0.006 χ^2 /NDF:222.1/6

+ sign 0.171 $\pm$ 0.005 χ^2 /NDF: 1753.4/25

All: 0.148 $\pm$ 0.004 χ^2 /NDF: 4000.5/51

- sign 0.124 $\pm$ 0.005 χ^2 /NDF: 2203.6/25

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.908+/-0.281 χ^2/NDF : 1799.1/8

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

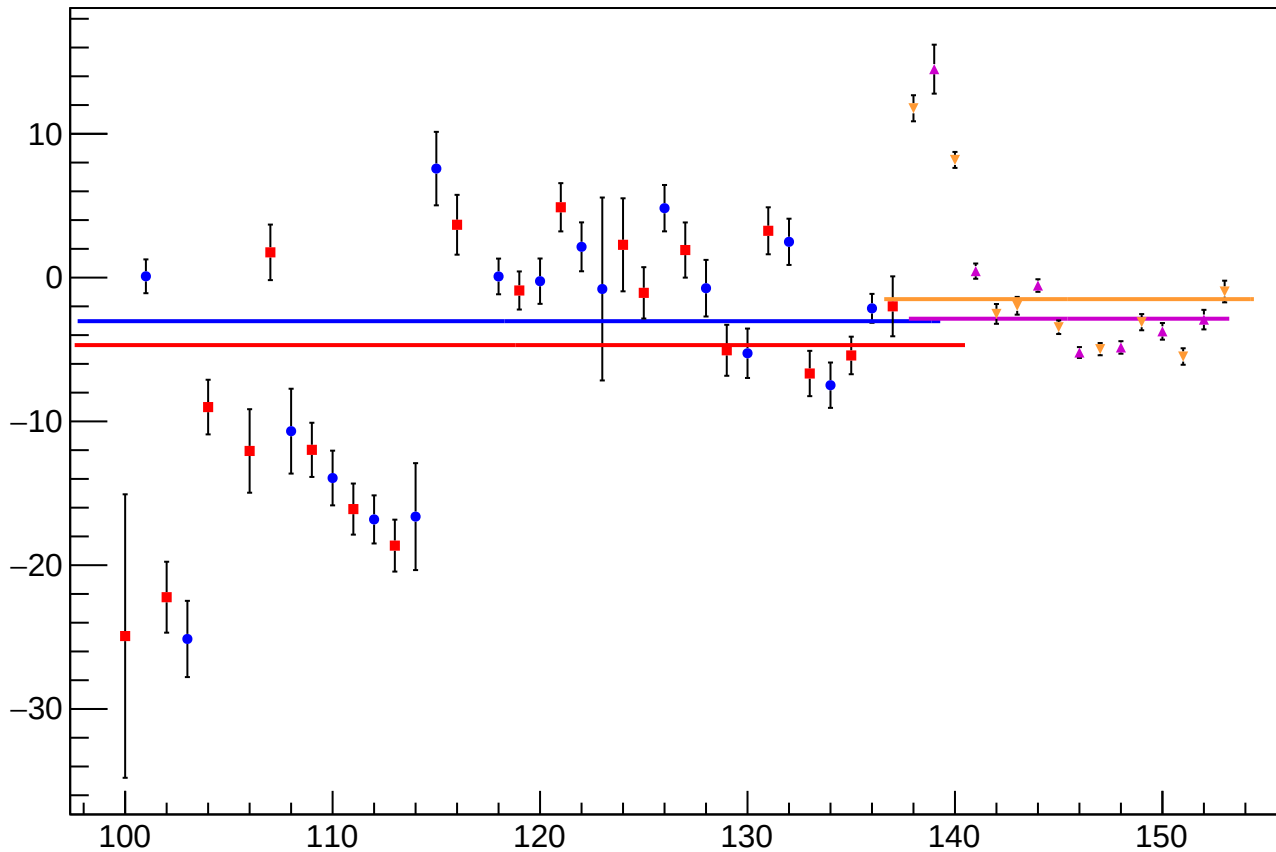
Left In: -12.333+/-0.288 χ^2/NDF : 411.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.189+/-0.201 χ^2/NDF : 2403.3/15

- 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: -1.497 ± 0.192 χ^2/NDF : 662.0/8

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

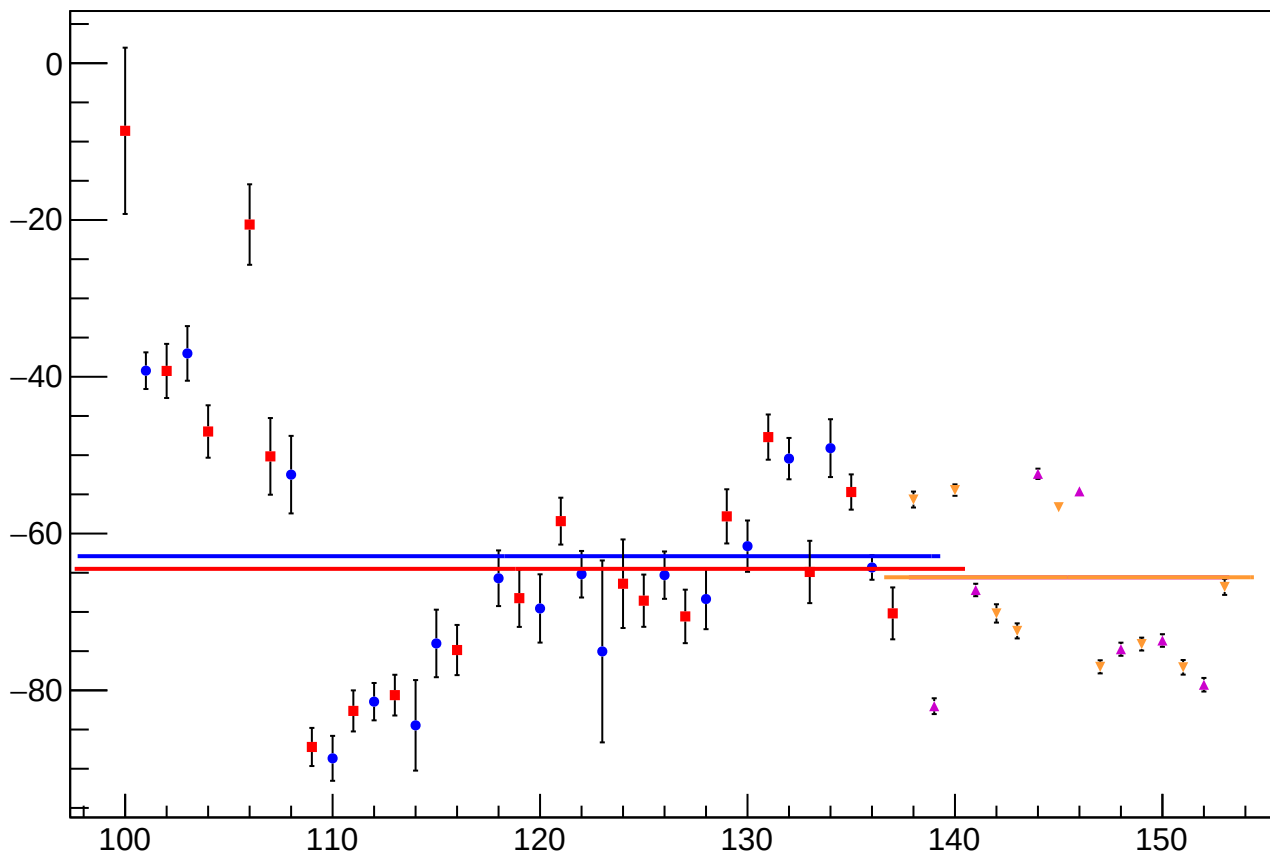
Left In: -2.859 ± 0.194 χ^2/NDF : 232.8/6

+ sign -1.776 ± 0.174 χ^2/NDF : 954.3/25

All: -2.463 ± 0.124 χ^2/NDF : 1532.6/51

- sign -3.173 ± 0.177 χ^2/NDF : 546.4/25

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -65.575 ± 0.285 χ^2/NDF : 1049.1/8

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

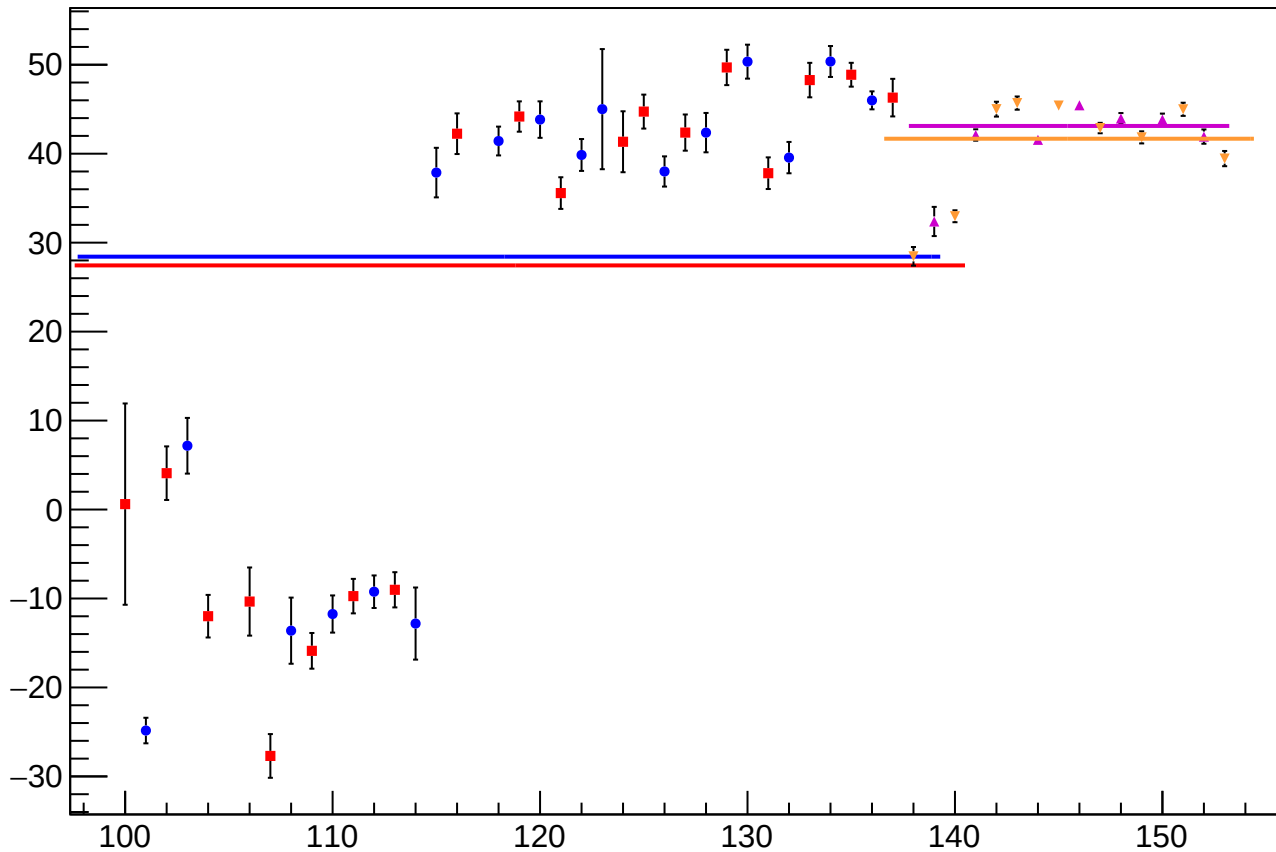
Left In: -65.589 ± 0.288 χ^2/NDF : 1491.8/6

+ sign -65.226 ± 0.266 χ^2/NDF : 1429.4/25

All: -65.337 ± 0.189 χ^2/NDF : 3367.5/51

- sign -65.450 ± 0.269 χ^2/NDF : 1937.7/25

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: 41.683 $\pm$ 0.236 χ^2 /NDF: 450.1/8

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

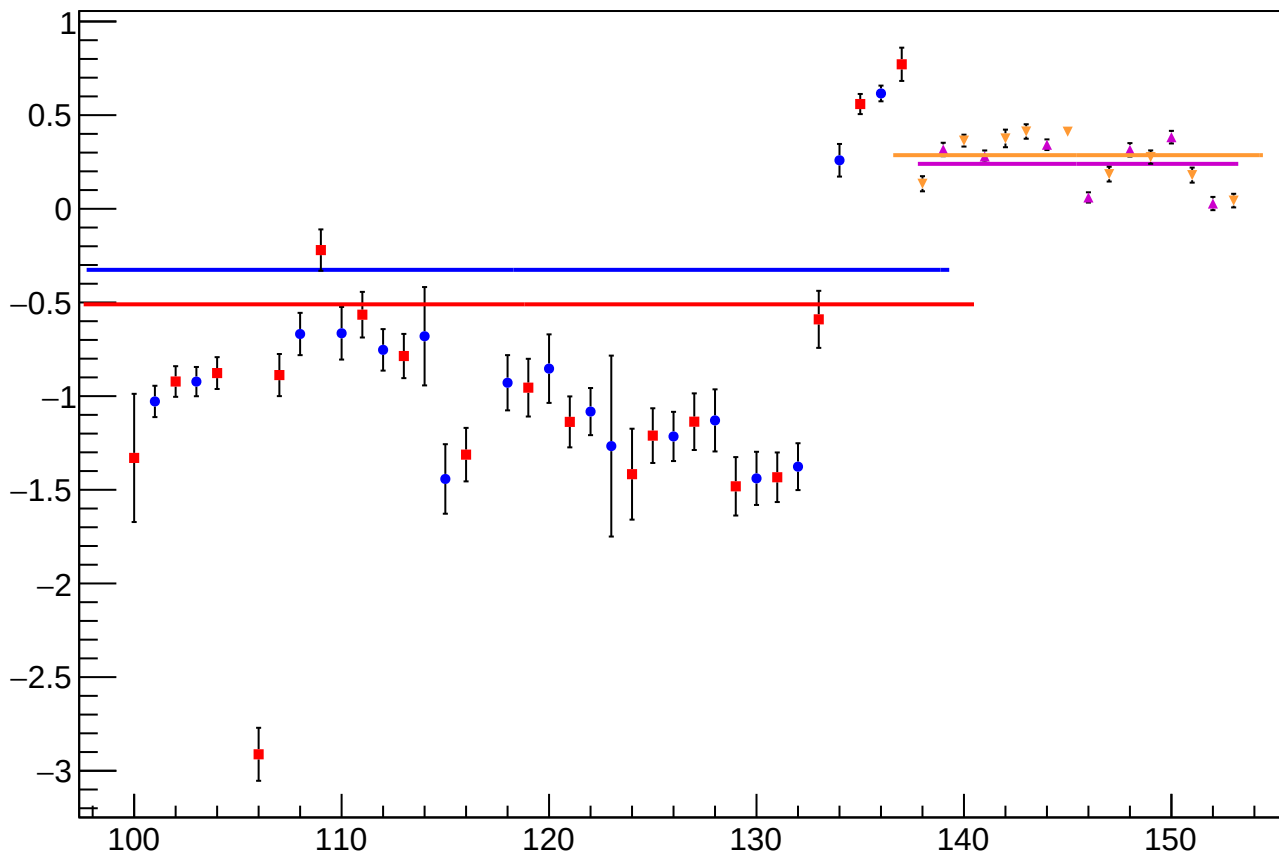
Left In: 43.118 $\pm$ 0.240 χ^2 /NDF: 83.5/6

+ sign 38.896 $\pm$ 0.210 χ^2 /NDF: 4444.9/25

All: 39.424 $\pm$ 0.150 χ^2 /NDF: 8432.1/51

- sign 39.976 $\pm$ 0.214 χ^2 /NDF: 3974.2/25

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.286 ± 0.012 χ^2/NDF : 119.4/8

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

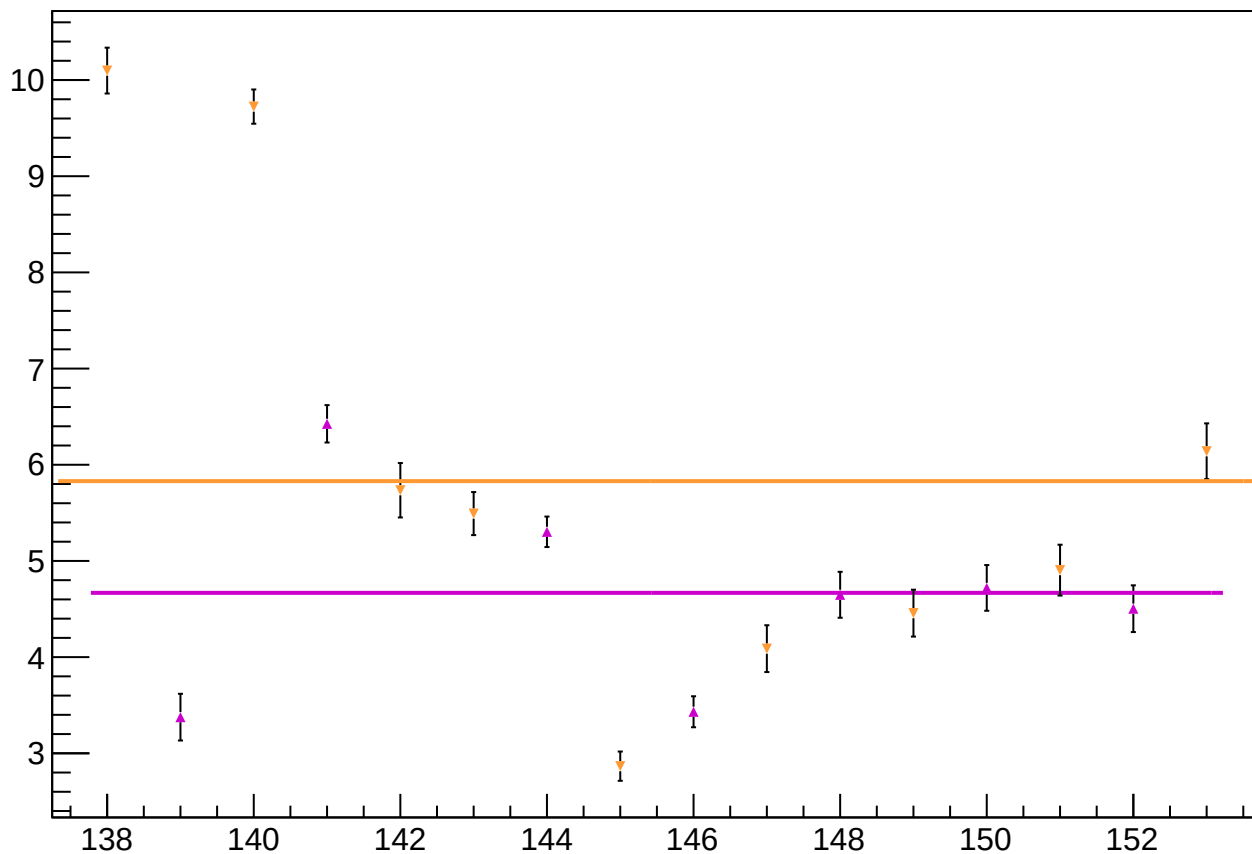
Left In: 0.240 ± 0.012 χ^2/NDF : 119.8/6

+ sign 0.175 ± 0.011 χ^2/NDF : 1626.7/25

All: 0.140 ± 0.008 χ^2/NDF : 3633.6/51

- sign 0.103 ± 0.011 χ^2/NDF : 1984.8/25

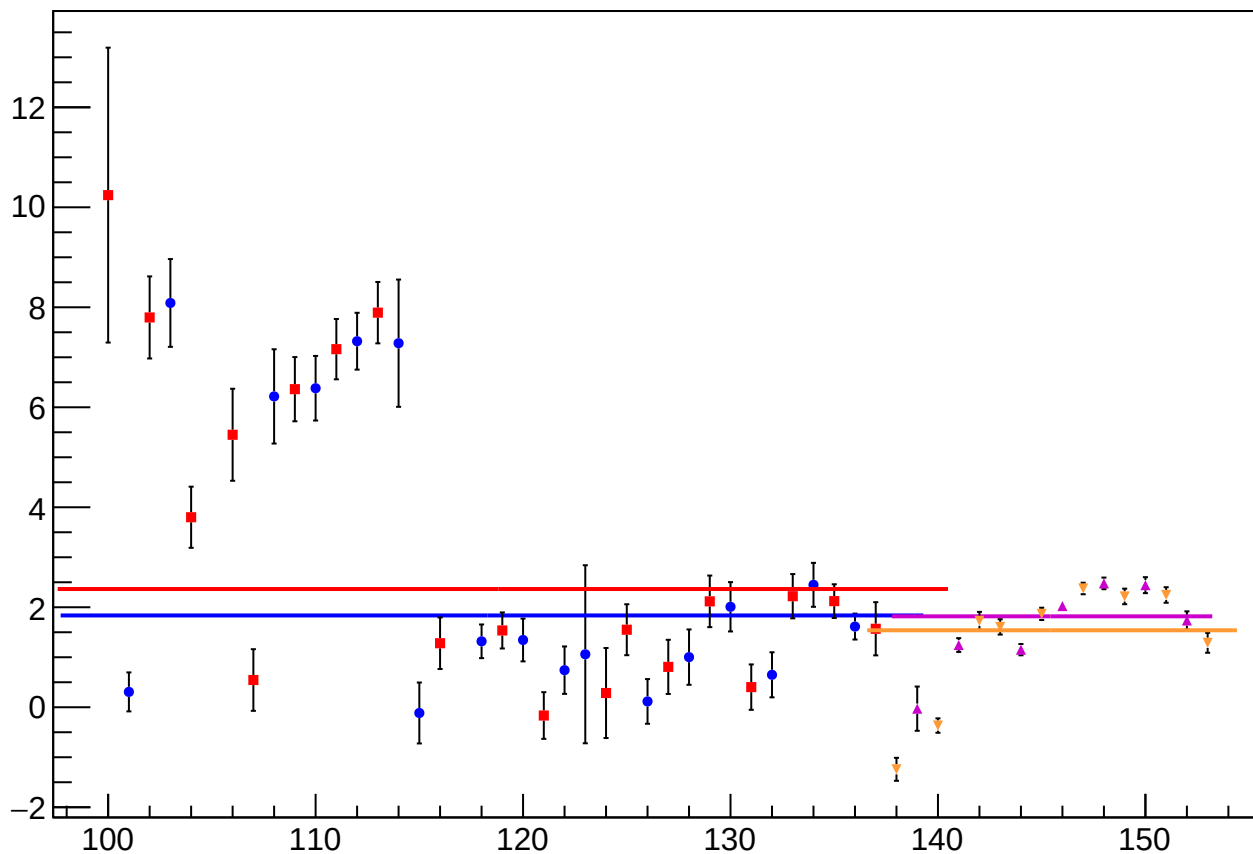
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.830 $\pm$ 0.074 χ^2 /NDF:1277.3/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.668 $\pm$ 0.076 χ^2 /NDF:185.5/6

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.267 $\pm$ 0.053 χ^2 /NDF: 1583.7/15
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 1.539 ± 0.051 χ^2/NDF : 423.5/8

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

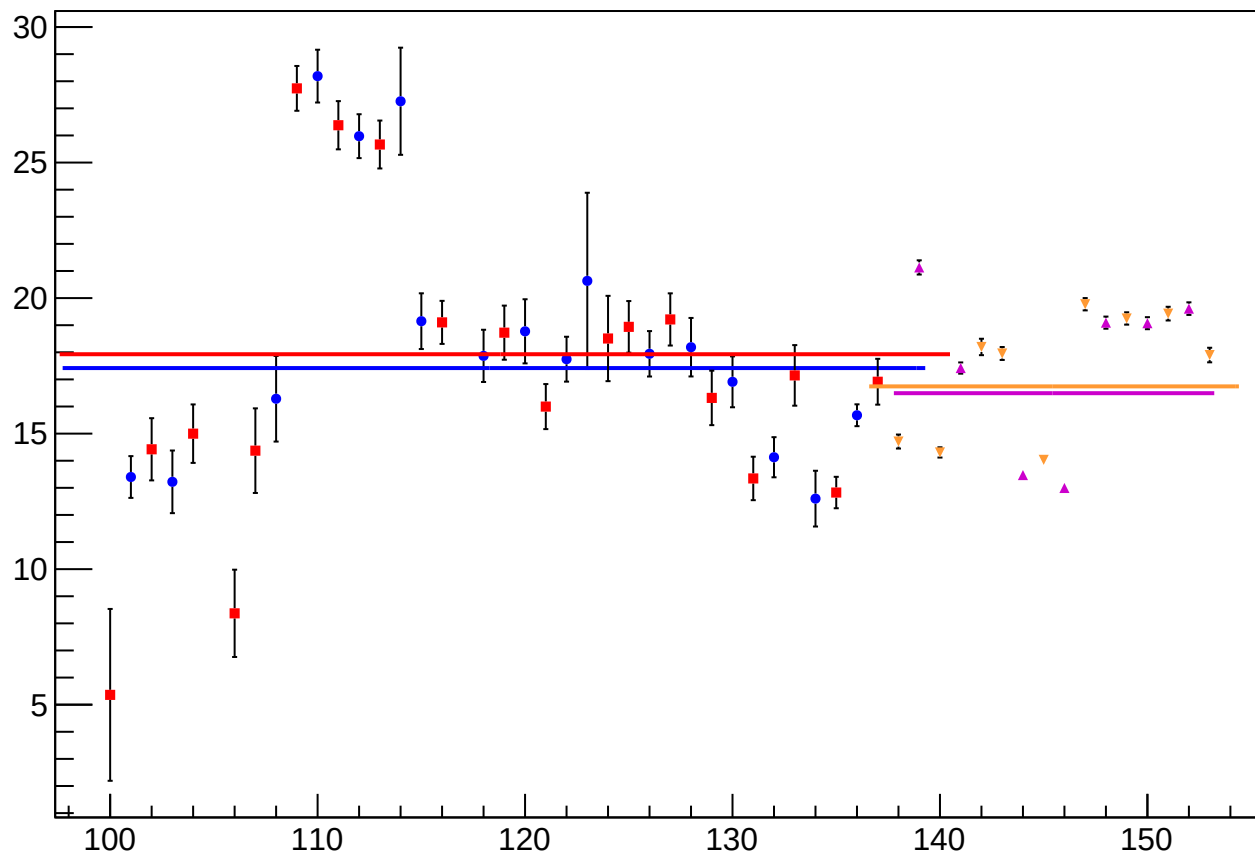
Left In: 1.819 ± 0.051 χ^2/NDF : 121.8/6

+ sign 1.587 ± 0.046 χ^2/NDF : 723.9/25

All: 1.741 ± 0.033 χ^2/NDF : 1221.3/51

- sign 1.899 ± 0.047 χ^2/NDF : 475.1/25

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 16.743 $\pm$ 0.075 χ^2 /NDF: 986.9/8

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

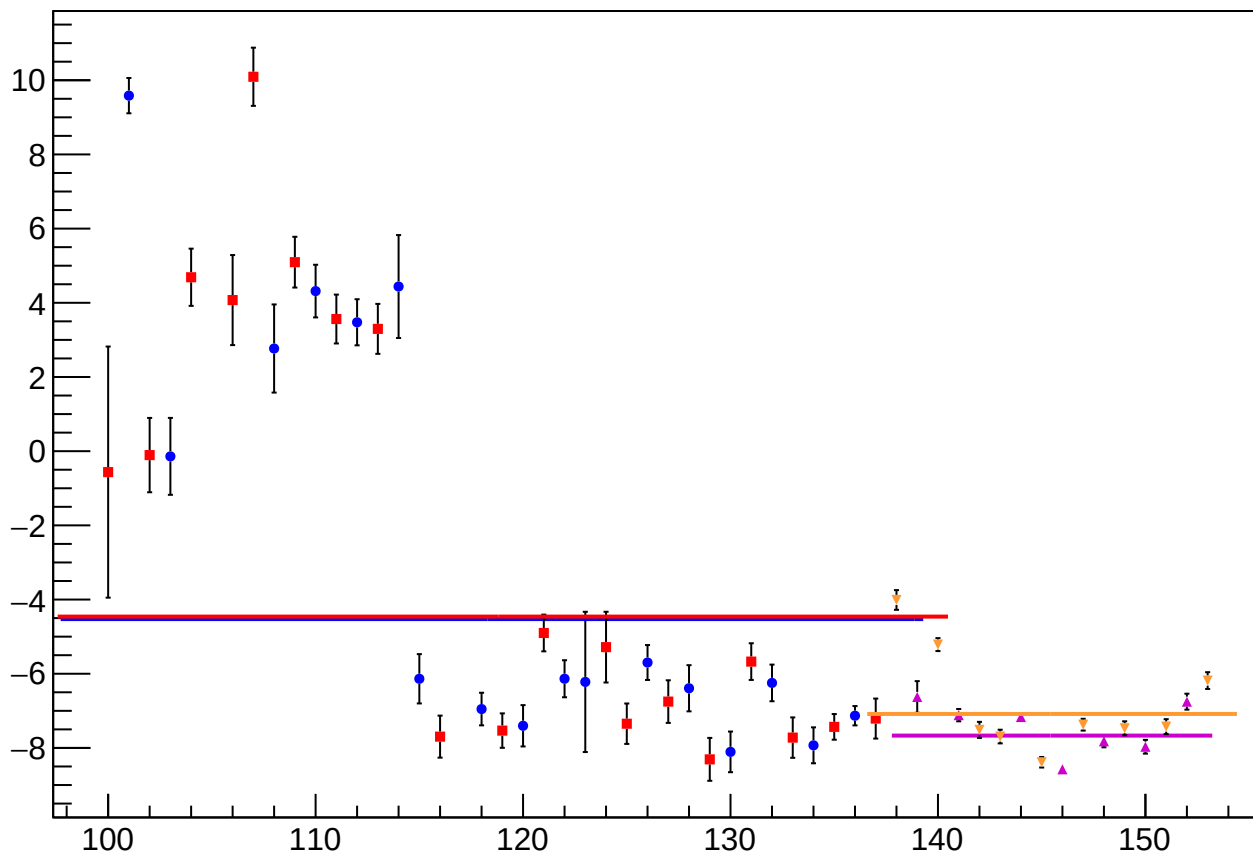
Left In: 16.492 $\pm$ 0.076 χ^2 /NDF: 1610.7/6

+ sign 16.818 $\pm$ 0.071 χ^2 /NDF: 1362.8/25

All: 16.733 $\pm$ 0.050 χ^2 /NDF: 3521.2/51

- sign 16.646 $\pm$ 0.072 χ^2 /NDF: 2155.5/25

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -7.084 ± 0.062 χ^2/NDF : 373.9/8

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

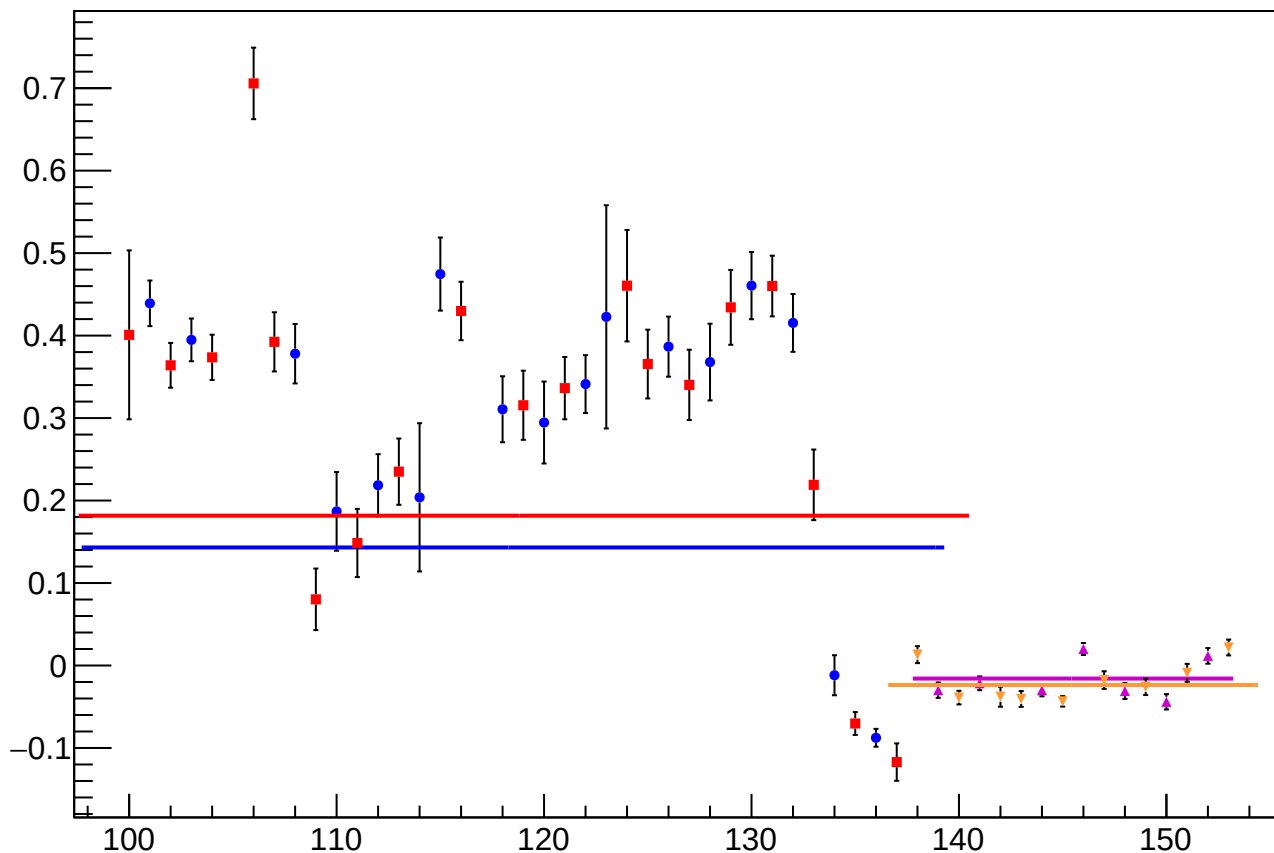
Left In: -7.668 ± 0.063 χ^2/NDF : 106.2/6

+ sign -6.606 ± 0.056 χ^2/NDF : 2281.3/25

All: -6.850 ± 0.040 χ^2/NDF : 4217.8/51

- sign -7.105 ± 0.057 χ^2/NDF : 1897.7/25

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: -0.024 ± 0.003 $\chi^2/\text{NDF}: 55.0/8$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

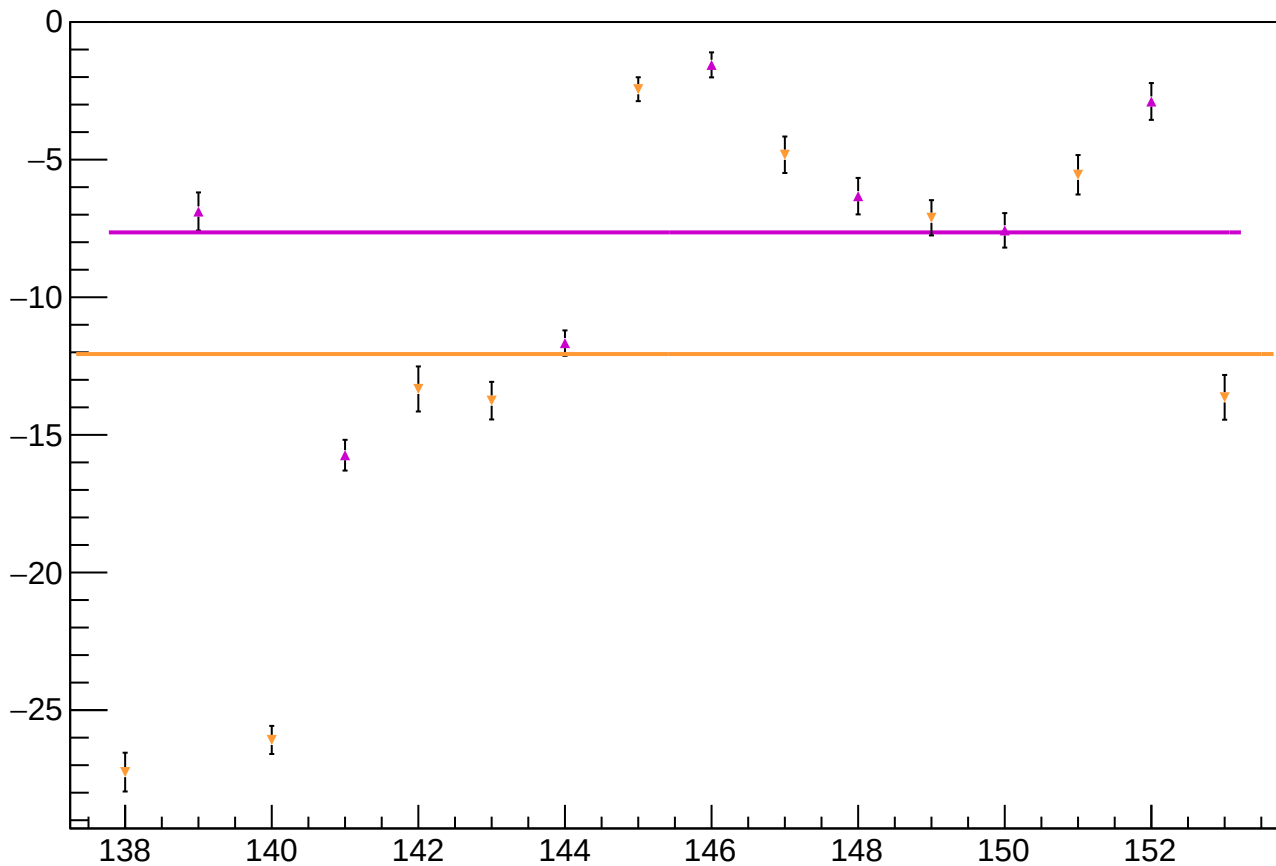
Left In: -0.016 ± 0.003 $\chi^2/\text{NDF}: 51.3/6$

+ sign 0.003 ± 0.003 $\chi^2/\text{NDF}: 1584.7/25$

All: 0.009 ± 0.002 $\chi^2/\text{NDF}: 3254.1/51$

- sign 0.016 ± 0.003 $\chi^2/\text{NDF}: 1660.3/25$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.063 $\pm$ 0.209 χ^2 /NDF:1983.9/8

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

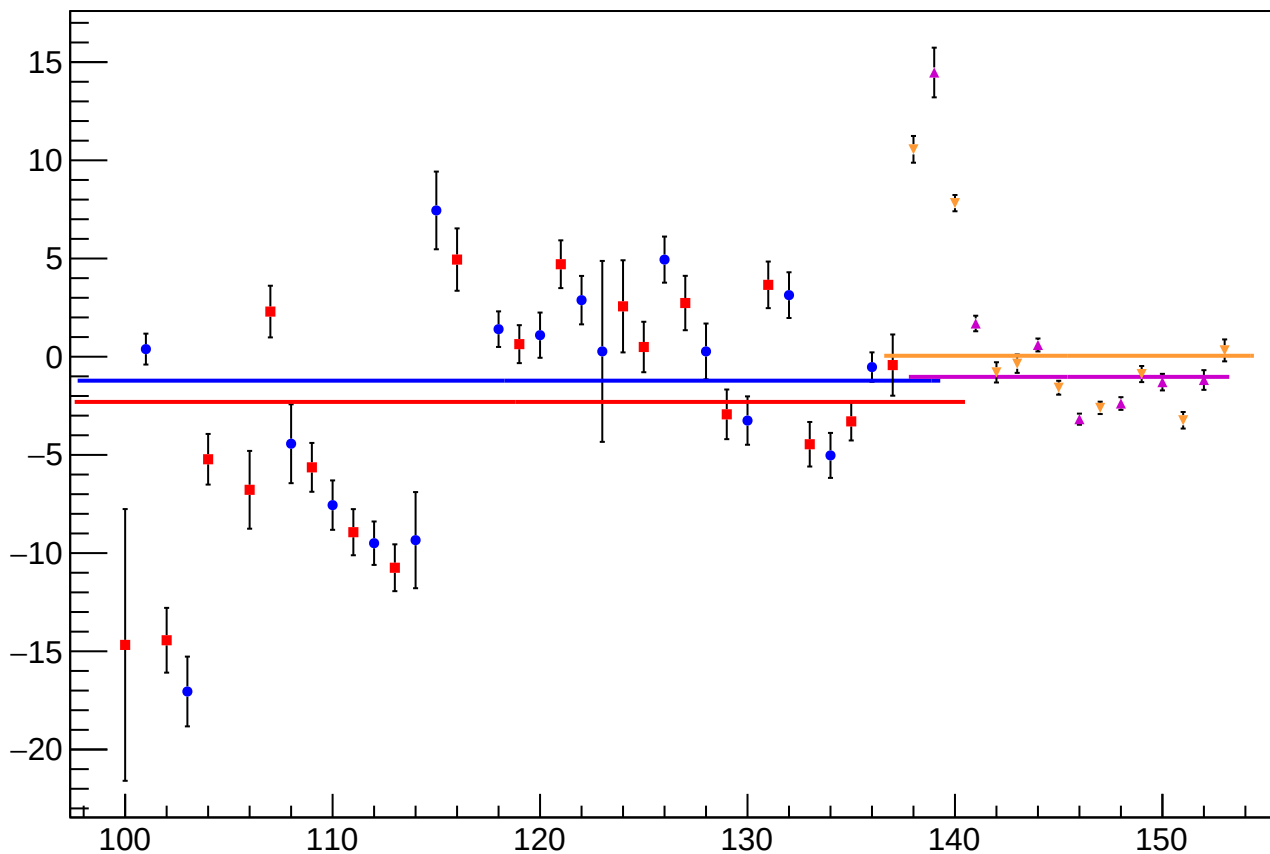
Left In: -7.643 $\pm$ 0.214 χ^2 /NDF:521.3/6

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

All: -9.906 $\pm$ 0.149 χ^2 /NDF: 2724.2/15

- sign 0.000 $\pm$ 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: 0.048 ± 0.143 χ^2/NDF : 752.2/8

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

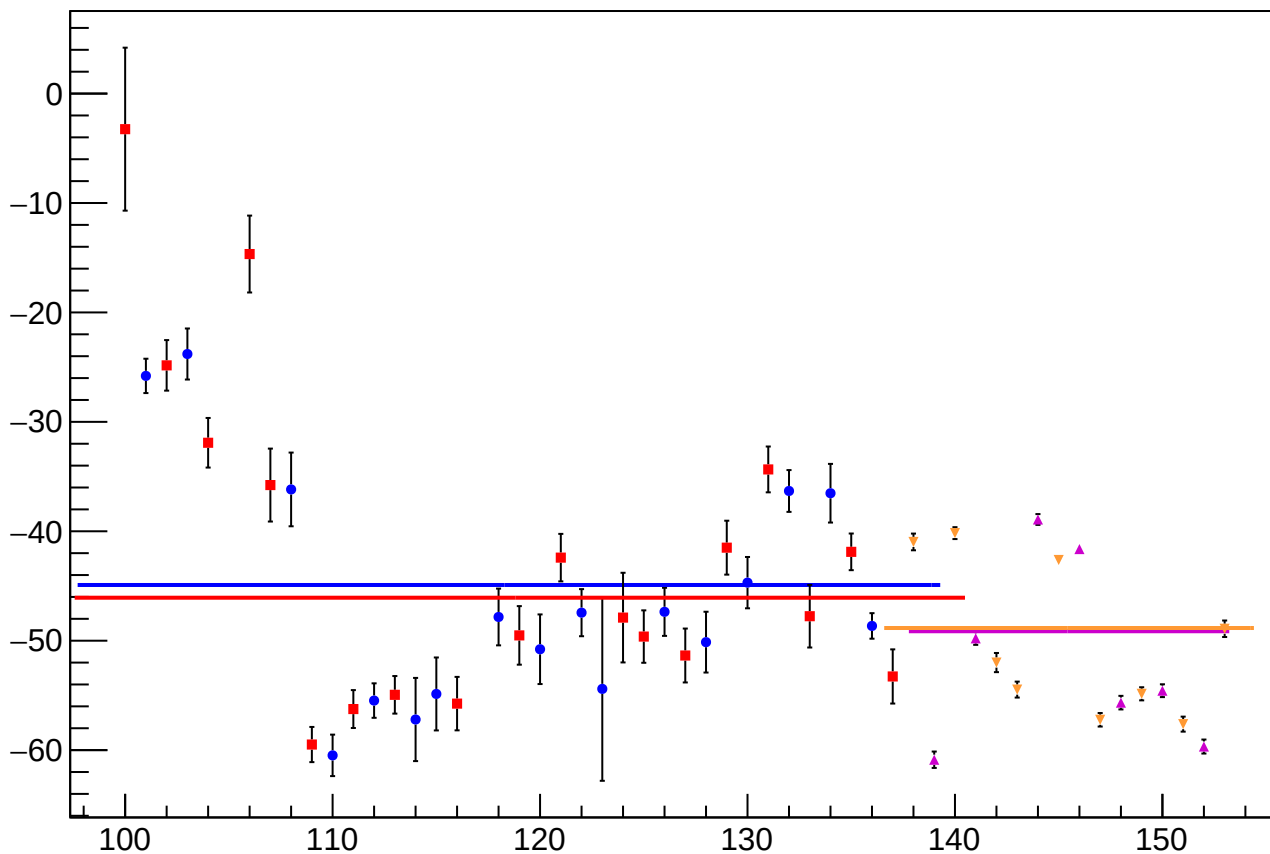
Left In: -1.027 ± 0.144 χ^2/NDF : 297.9/6

+ sign -0.199 ± 0.128 χ^2/NDF : 1046.2/25

All: -0.721 ± 0.091 χ^2/NDF : 1678.8/51

- sign -1.263 ± 0.130 χ^2/NDF : 598.6/25

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -48.840 ± 0.212 χ^2/NDF : 1064.1/8

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

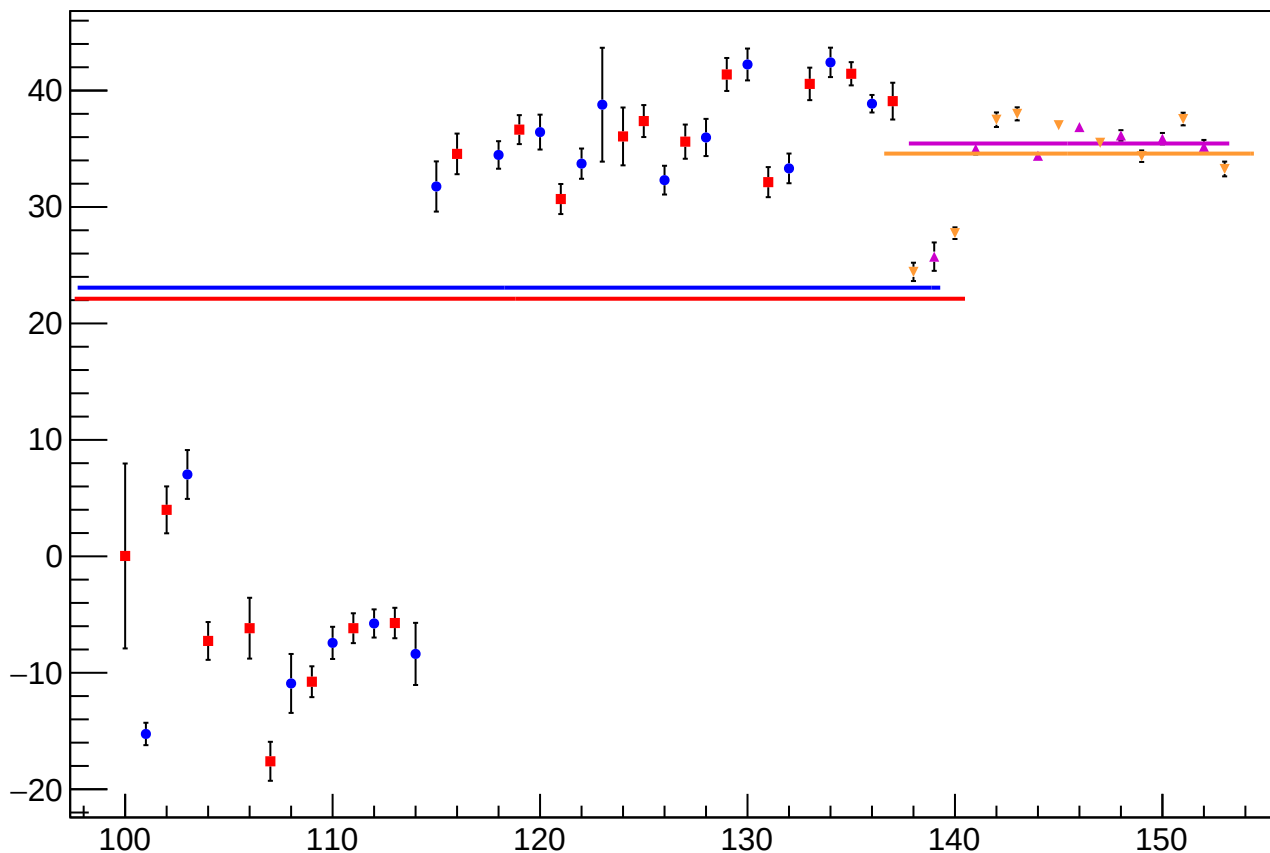
Left In: -49.137 ± 0.214 χ^2/NDF : 1438.5/6

+ sign -48.285 ± 0.196 χ^2/NDF : 1533.9/25

All: -48.493 ± 0.139 χ^2/NDF : 3457.6/51

- sign -48.706 ± 0.198 χ^2/NDF : 1921.4/25

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: 34.586 $\pm$ 0.175 χ^2 /NDF: 485.7/8

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

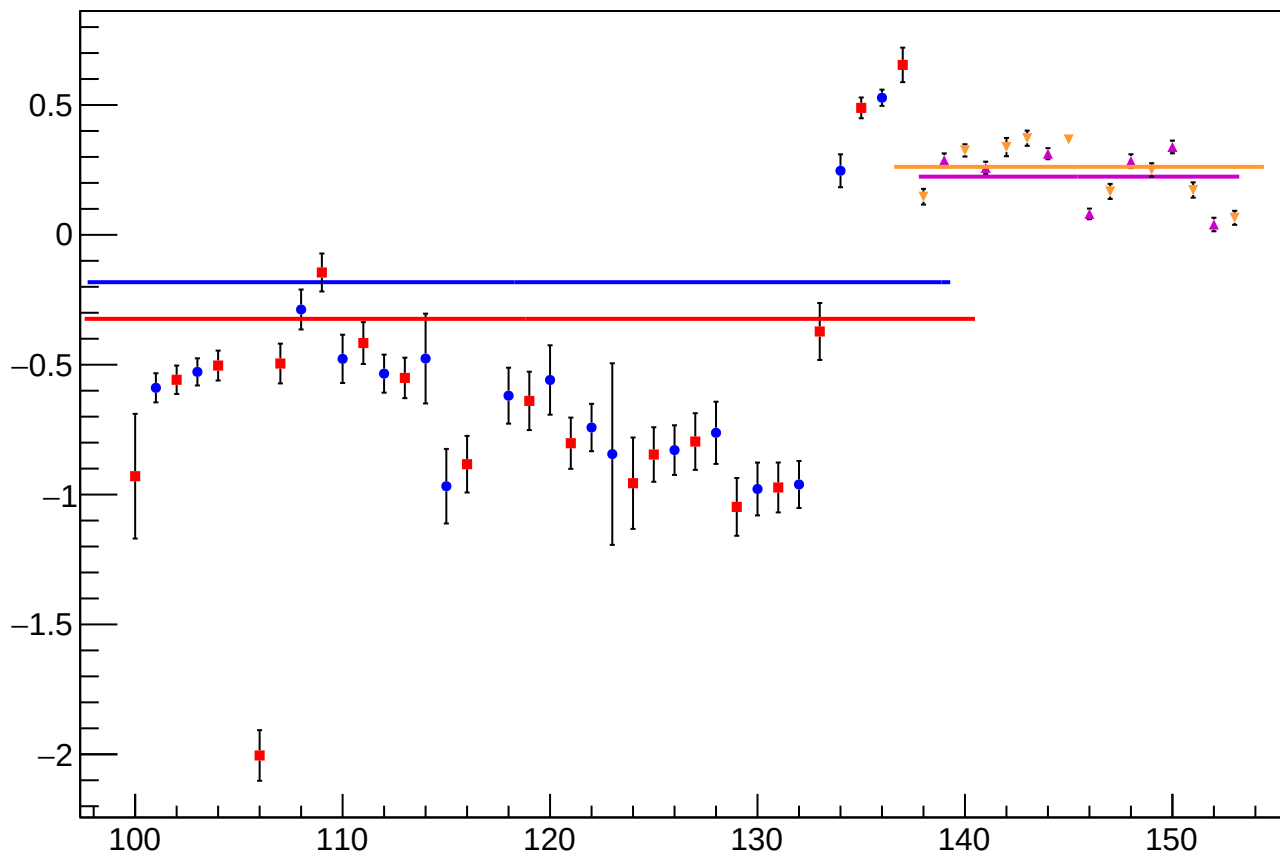
Left In: 35.452 $\pm$ 0.178 χ^2 /NDF: 90.9/6

+ sign 32.007 $\pm$ 0.154 χ^2 /NDF: 5799.4/25

All: 32.286 $\pm$ 0.110 χ^2 /NDF: 11137.9/51

- sign 32.578 $\pm$ 0.158 χ^2 /NDF: 5331.8/25

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 $\pm$ 0.018 χ^2 /NDF: 998.1/16

Left Out: 0.262 $\pm$ 0.009 χ^2 /NDF:147.4/8

Right Out: -0.323 $\pm$ 0.018 χ^2 /NDF: 1184.5/18

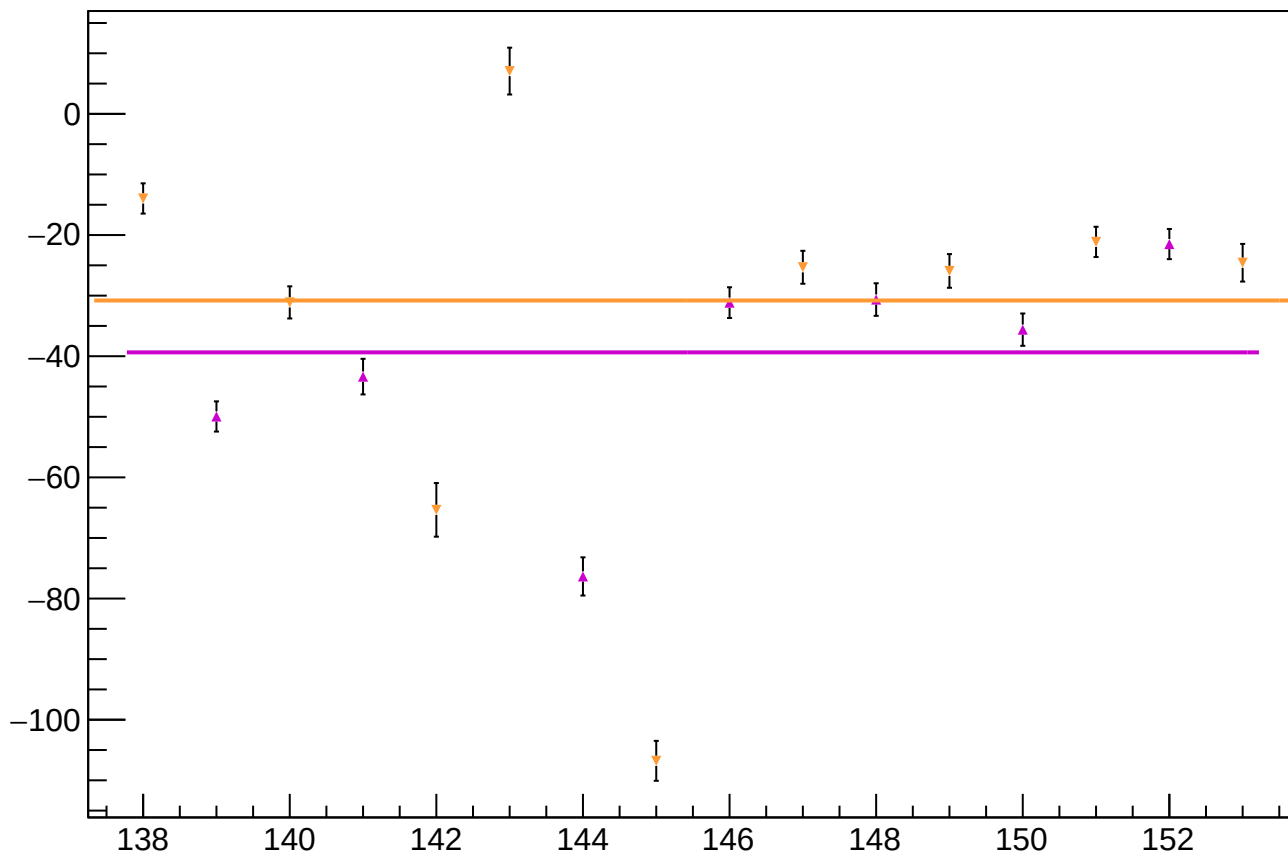
Left In: 0.224 $\pm$ 0.009 χ^2 /NDF:150.7/6

+ sign 0.175 $\pm$ 0.008 χ^2 /NDF: 1650.4/25

All: 0.146 $\pm$ 0.006 χ^2 /NDF: 3741.9/51

- sign 0.116 $\pm$ 0.008 χ^2 /NDF: 2063.9/25

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -30.802 $\pm$ 0.980 χ^2 /NDF: 759.8/8

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

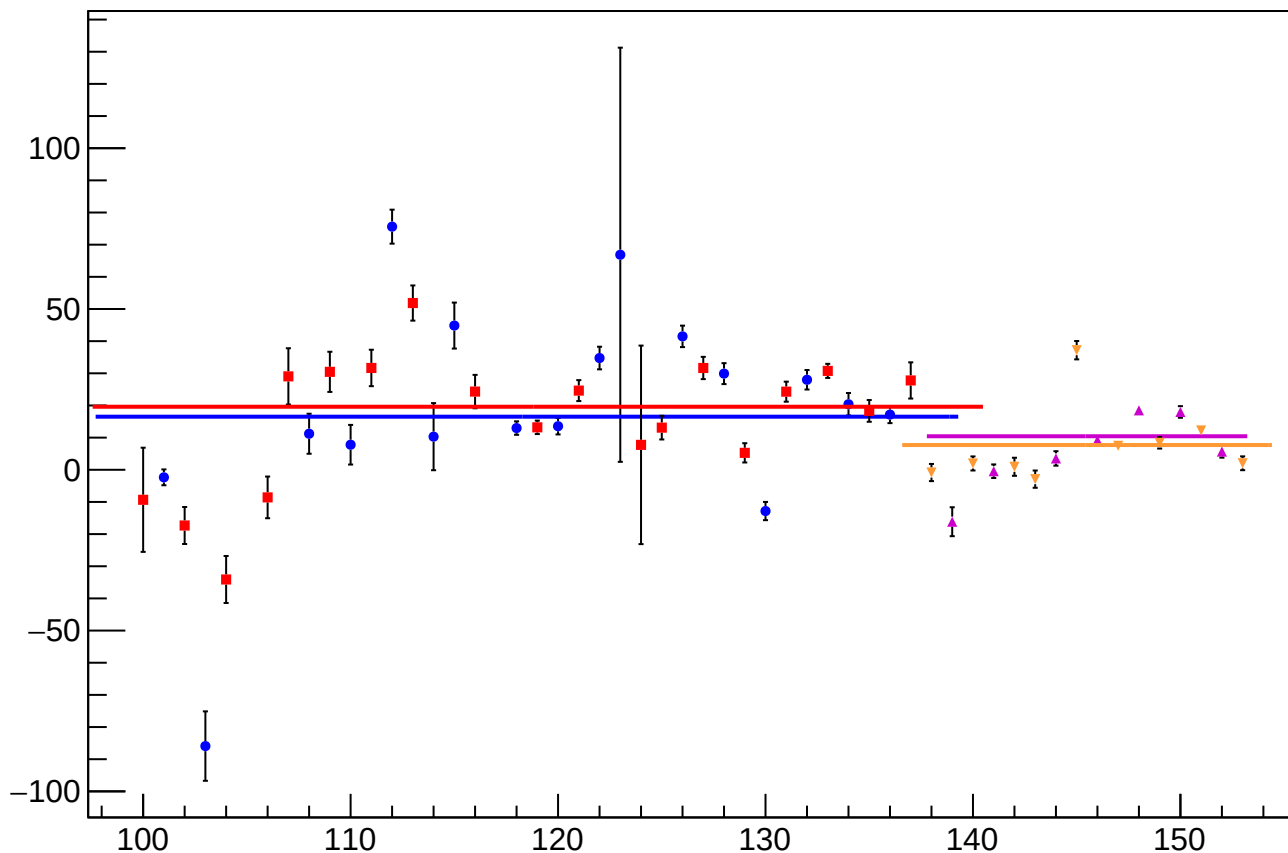
Left In: -39.364 $\pm$ 1.014 χ^2 /NDF: 231.9/6

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

All: -34.938 $\pm$ 0.705 χ^2 /NDF: 1028.6/15

- sign 0.000 $\pm$ 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: 7.697 ± 0.650 $\chi^2/\text{NDF}: 162.4/8$

Right Out: 19.604 ± 0.898 $\chi^2/\text{NDF}: 242.0/18$

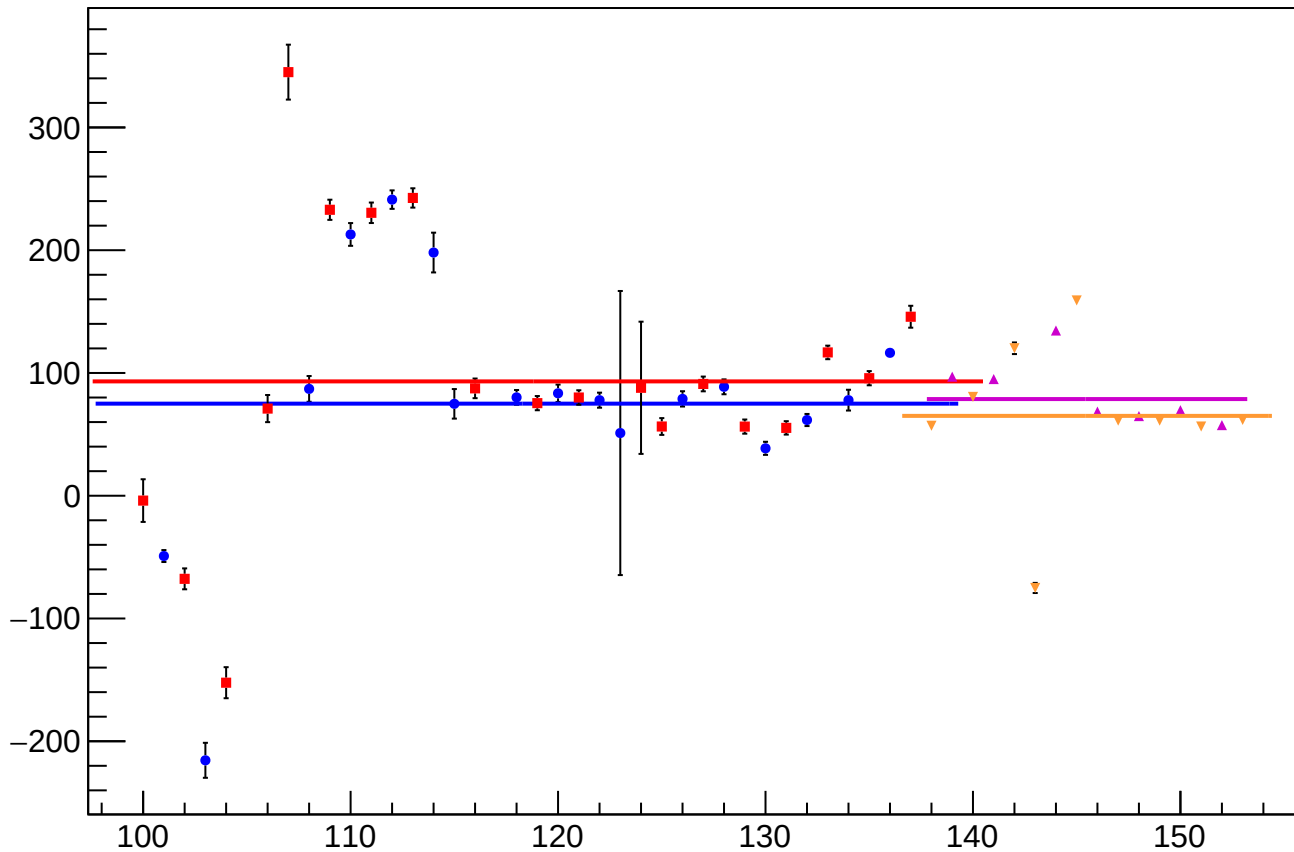
Left In: 10.429 ± 0.690 $\chi^2/\text{NDF}: 133.6/6$

+ sign 10.963 ± 0.516 $\chi^2/\text{NDF}: 750.1/25$

All: 12.314 ± 0.375 $\chi^2/\text{NDF}: 1205.8/51$

- sign 13.833 ± 0.547 $\chi^2/\text{NDF}: 441.1/25$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 ± 1.636 $\chi^2/\text{NDF}: 1999.3/16$

Left Out: 65.051 ± 0.977 $\chi^2/\text{NDF}: 2101.7/8$

Right Out: 93.140 ± 1.711 $\chi^2/\text{NDF}: 2002.3/18$

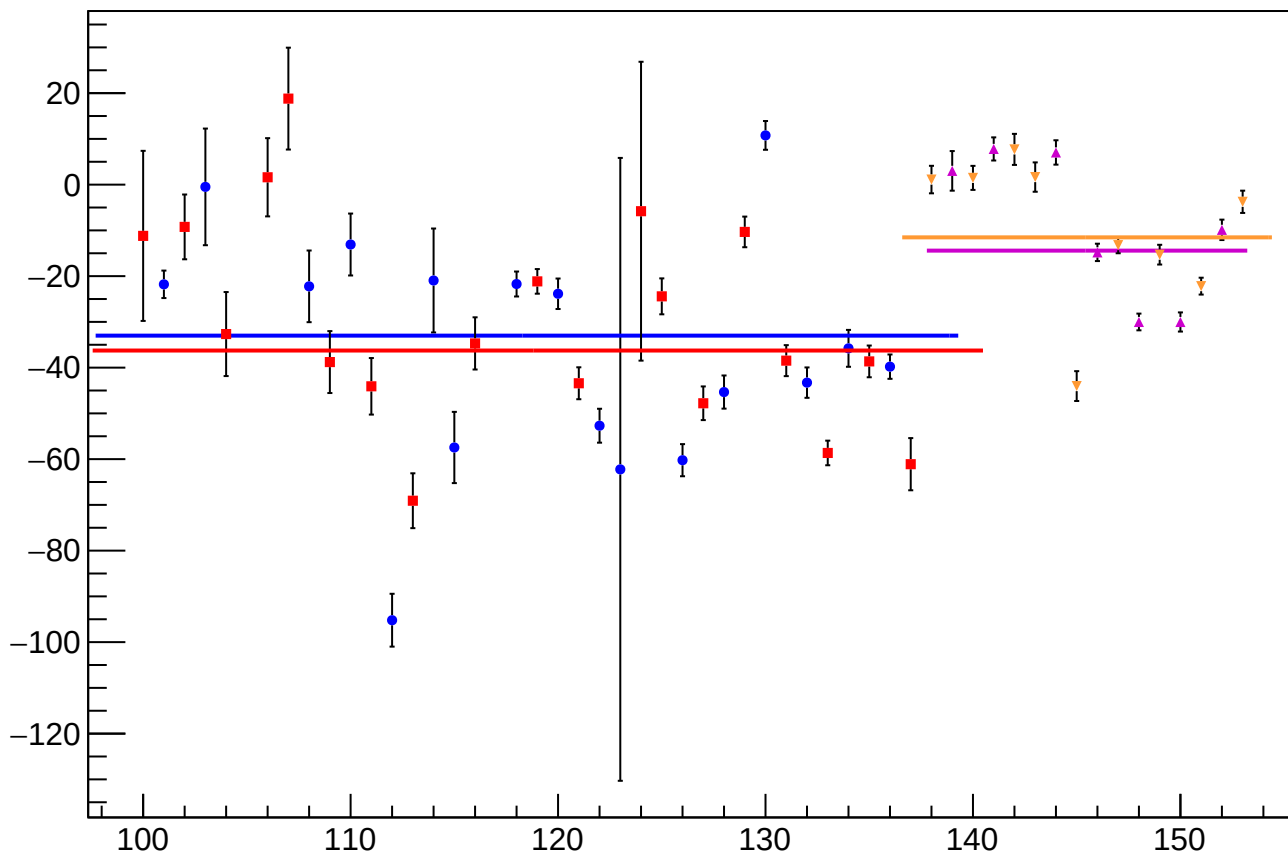
Left In: 78.746 ± 1.005 $\chi^2/\text{NDF}: 487.3/6$

+ sign 67.668 ± 0.839 $\chi^2/\text{NDF}: 4128.4/25$

All: 74.812 ± 0.603 $\chi^2/\text{NDF}: 6820.6/51$

- sign 82.436 ± 0.866 $\chi^2/\text{NDF}: 2542.2/25$

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -11.523 ± 0.809 χ^2/NDF : 238.1/8

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

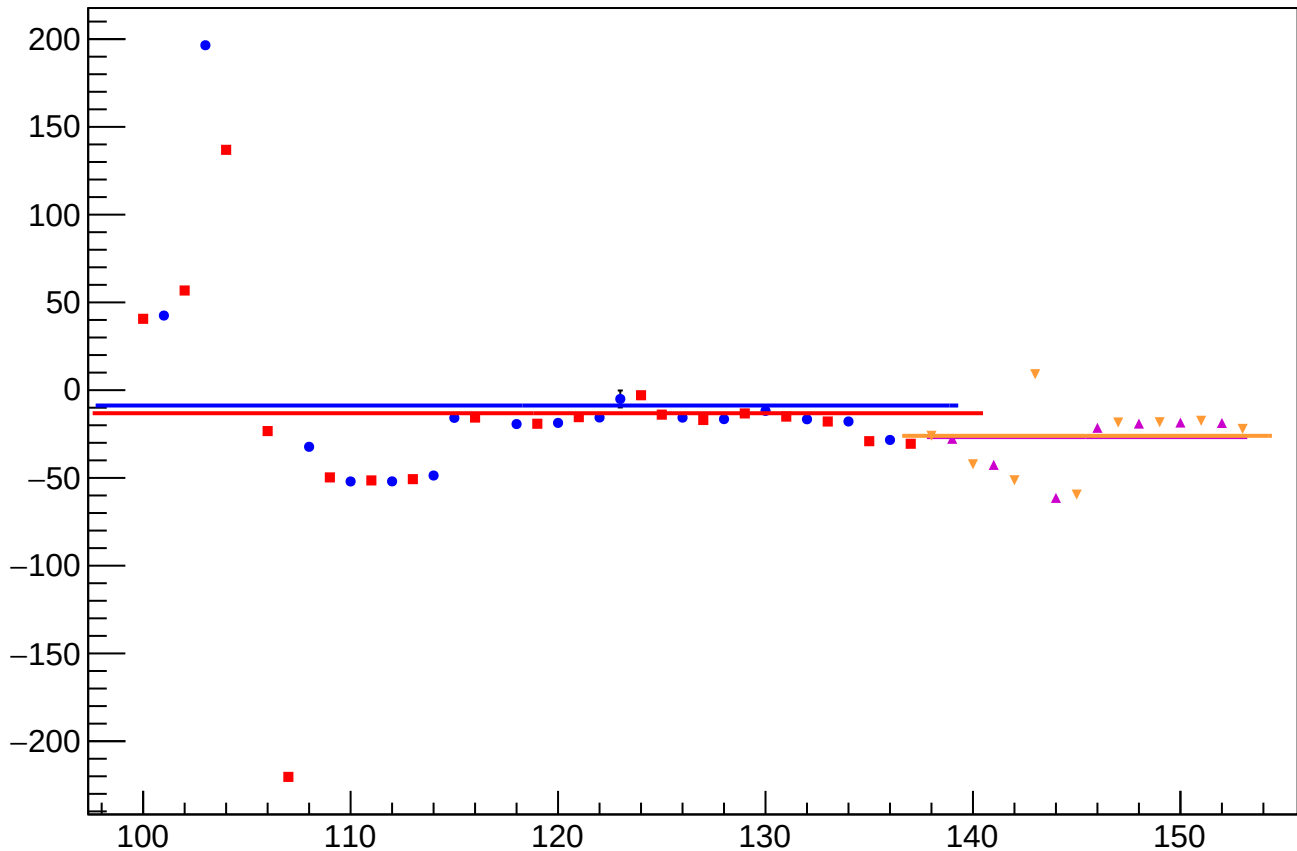
Left In: -14.423 ± 0.858 χ^2/NDF : 290.9/6

+ sign -20.318 ± 0.622 χ^2/NDF : 1019.8/25

All: -21.782 ± 0.452 χ^2/NDF : 1886.3/51

- sign -23.422 ± 0.658 χ^2/NDF : 854.7/25

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 χ^2/NDF : 576012.4/16

Left Out: -26.016 ± 0.040 χ^2/NDF : 158833.4/8

Right Out: -13.143 ± 0.062 χ^2/NDF : 558628.0/18

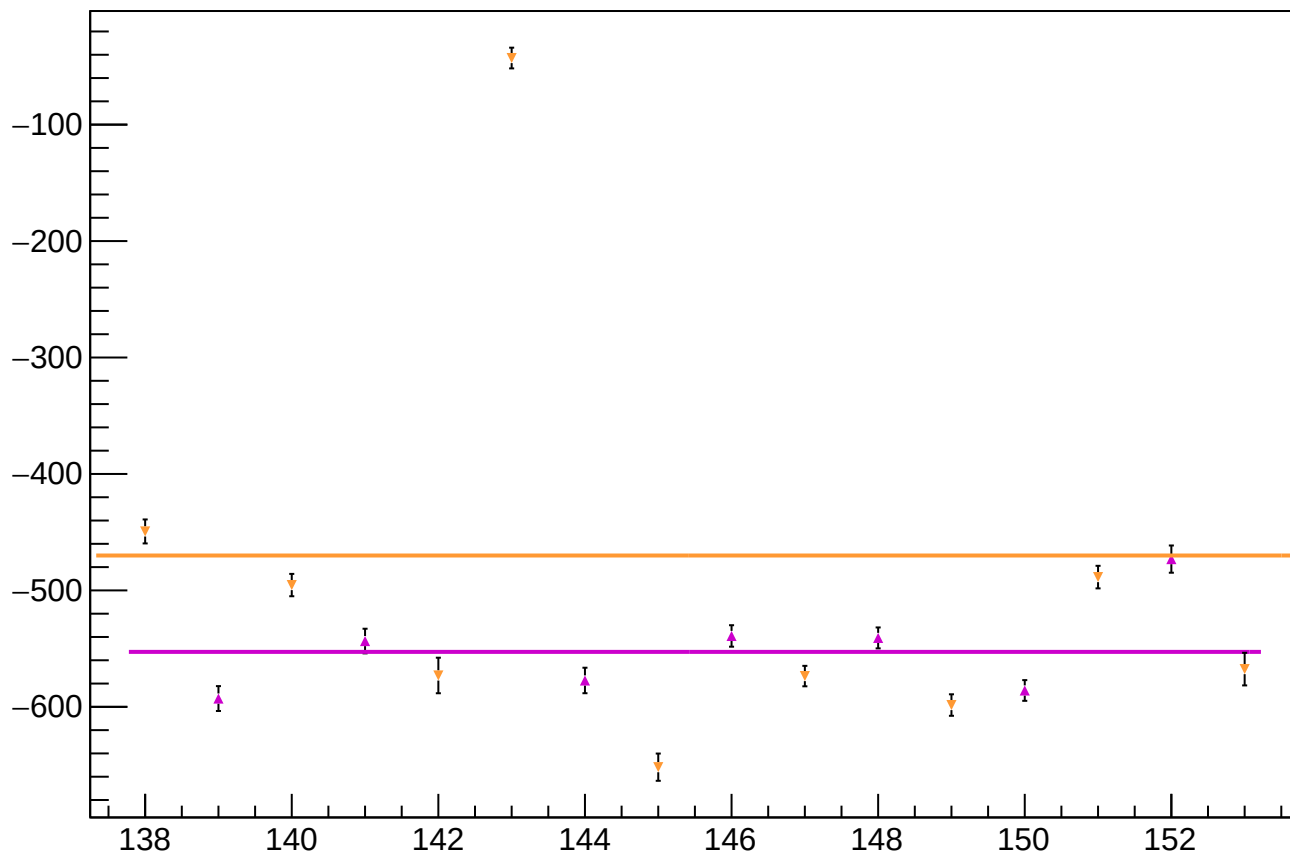
Left In: -26.744 ± 0.041 χ^2/NDF : 91289.0/6

+ sign -20.477 ± 0.033 χ^2/NDF : 793389.9/25

All: -21.462 ± 0.024 χ^2/NDF : 1478563.9/51

- sign -22.514 ± 0.034 χ^2/NDF : 683365.6/25

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -470.028+/-3.431 χ^2/NDF : 2987.3/8

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

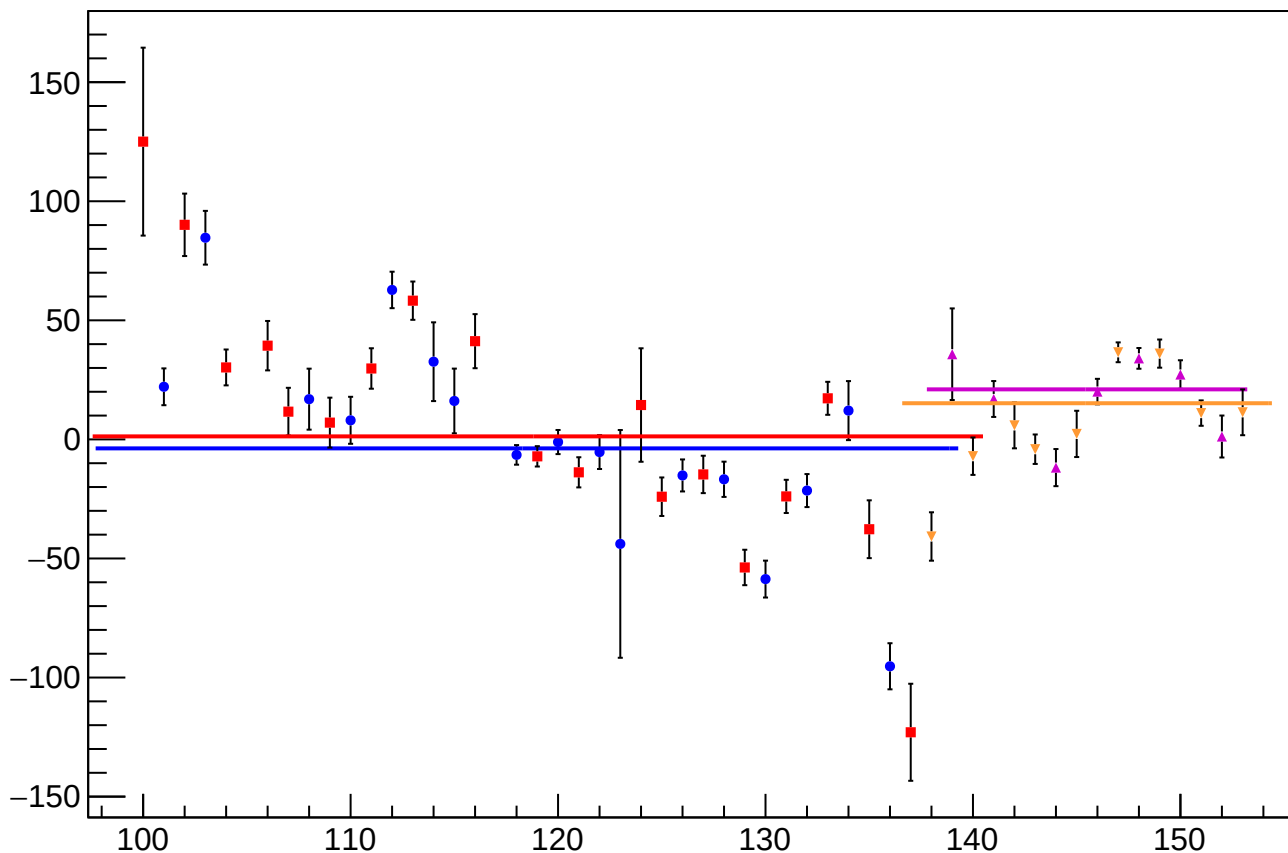
Left In: -552.796+/-3.776 χ^2/NDF : 84.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.455+/-2.539 χ^2/NDF : 3334.7/15

- 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: 15.186 ± 2.205 χ^2/NDF : 90.4/8

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

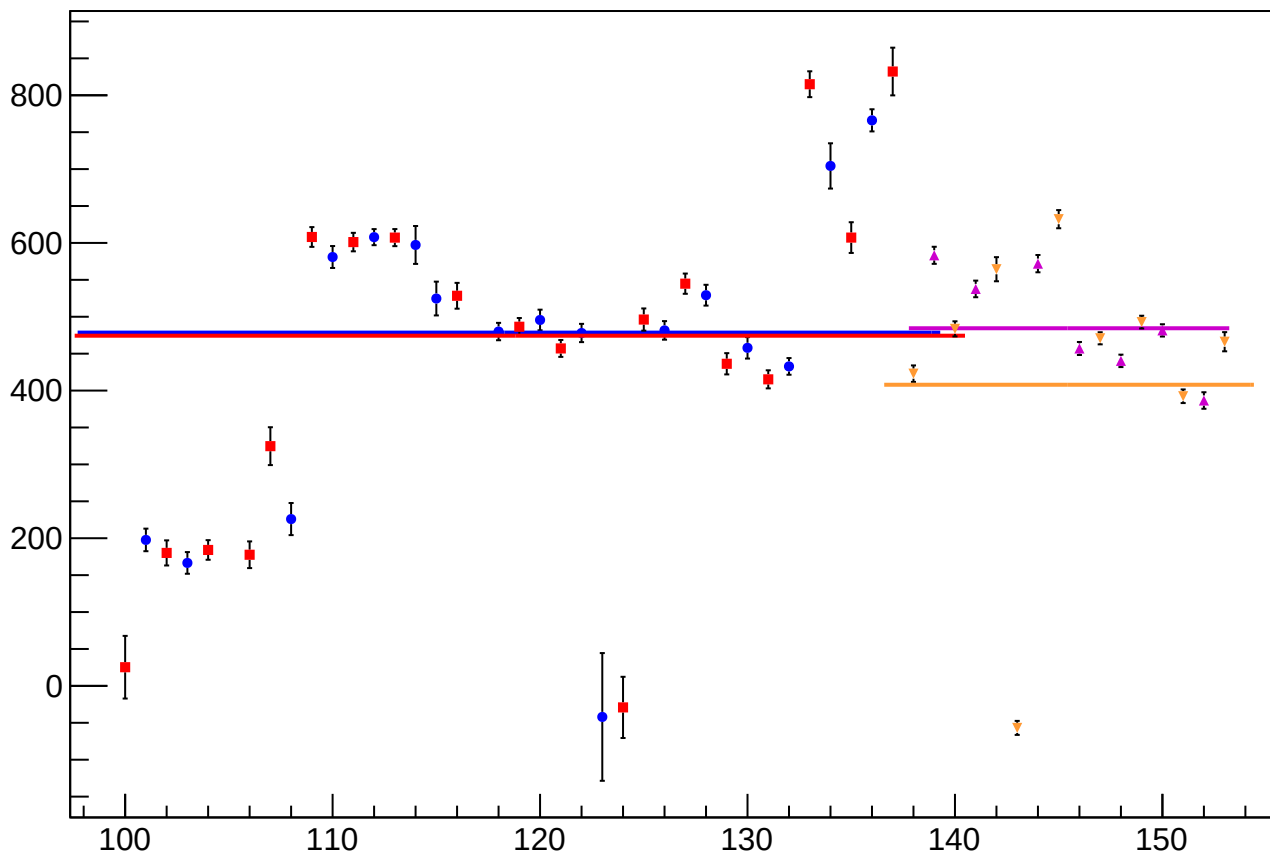
Left In: 21.009 ± 2.462 χ^2/NDF : 33.7/6

+ sign 4.250 ± 1.434 χ^2/NDF : 447.3/25

All: 6.371 ± 1.041 χ^2/NDF : 829.4/51

- sign 8.735 ± 1.514 χ^2/NDF : 377.5/25

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 407.891 $\pm$ 3.430 χ^2/NDF :3053.2/8

Right Out: 474.328 $\pm$ 3.533 χ^2/NDF : 2287.1/18

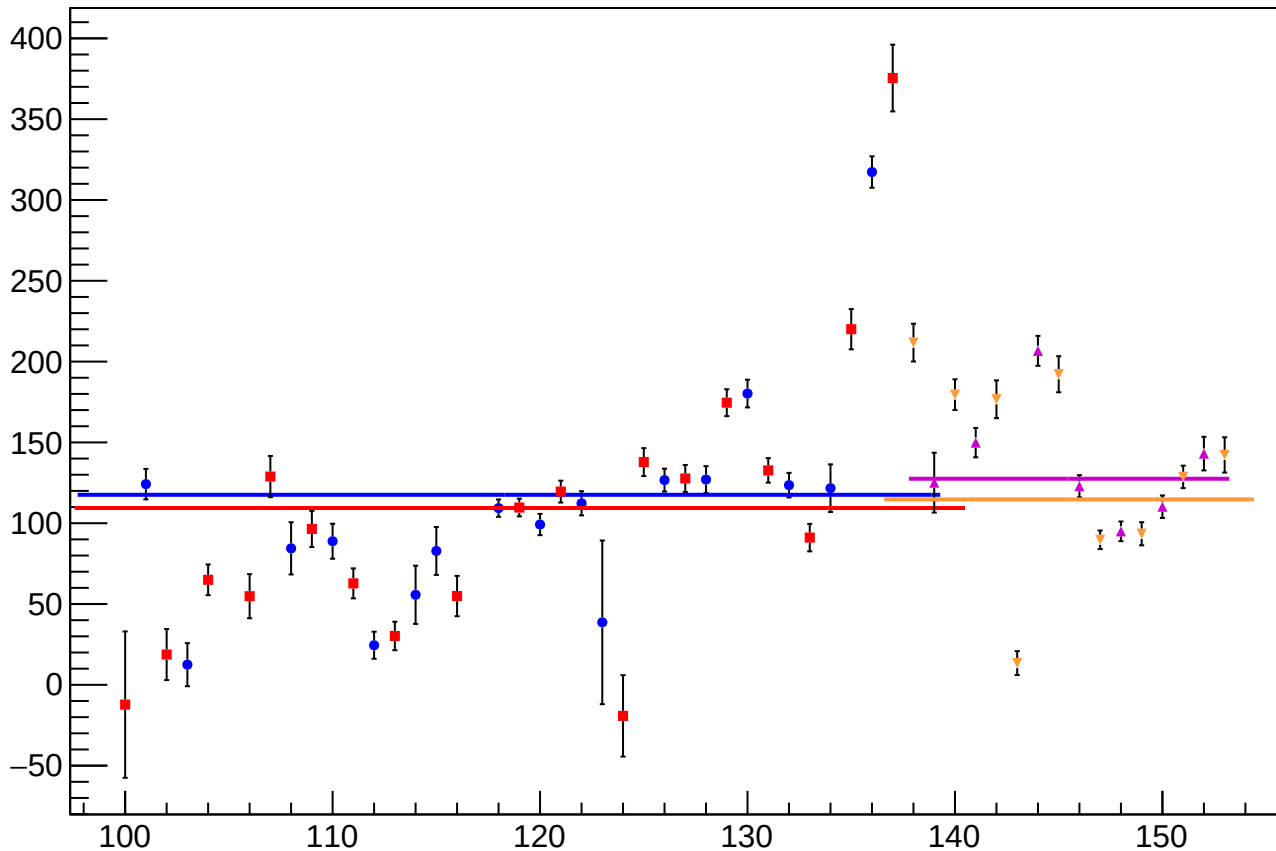
Left In: 484.419 $\pm$ 3.725 χ^2/NDF :264.9/6

+ sign 441.211 $\pm$ 2.493 χ^2/NDF : 4882.2/25

All: 459.633 $\pm$ 1.787 χ^2/NDF : 7550.4/51

- sign 479.107 $\pm$ 2.563 χ^2/NDF : 2555.9/25

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 114.726 ± 2.762 $\chi^2/\text{NDF}: 417.5/8$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

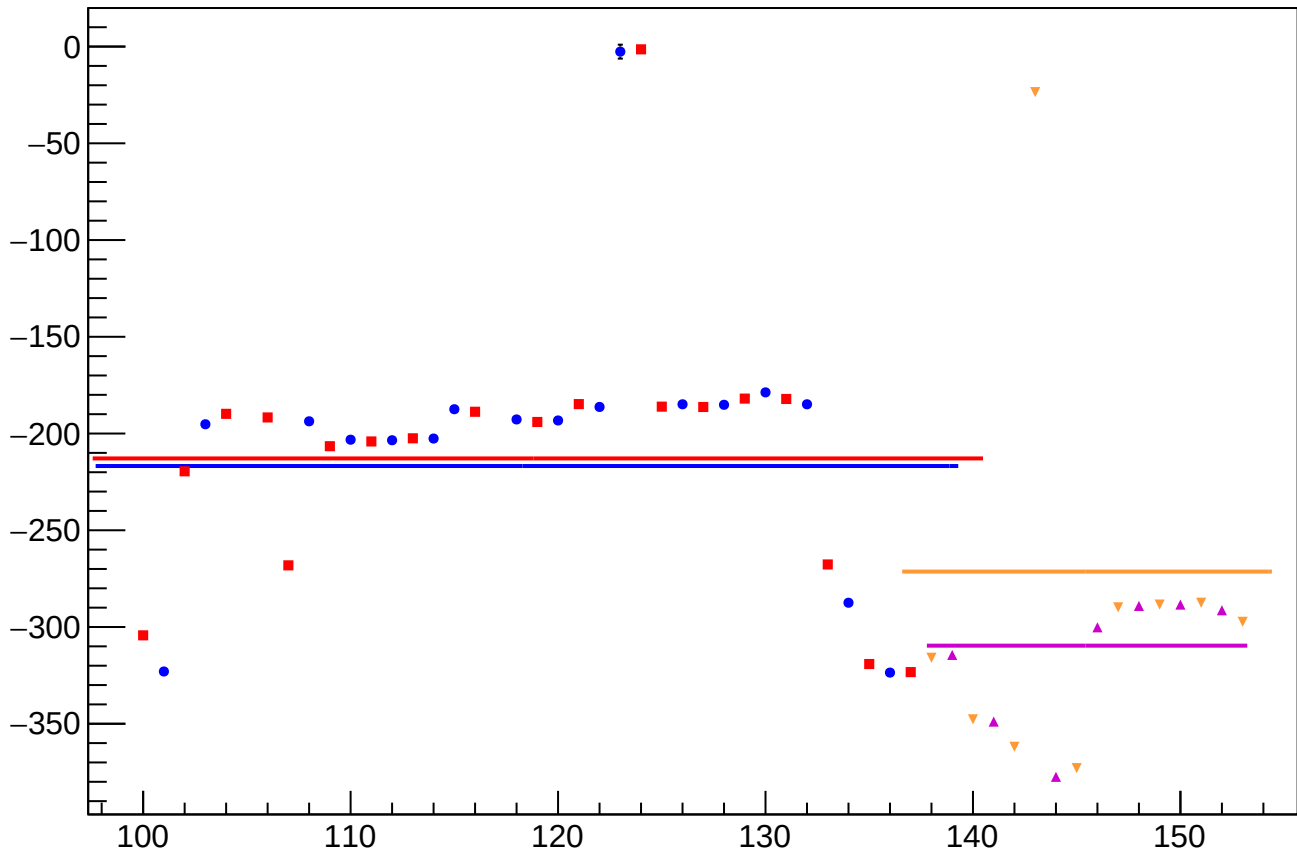
Left In: 127.506 ± 3.089 $\chi^2/\text{NDF}: 116.7/6$

+ sign 116.480 ± 1.717 $\chi^2/\text{NDF}: 1125.1/25$

All: 116.026 ± 1.242 $\chi^2/\text{NDF}: 1835.8/51$

- sign 115.530 ± 1.797 $\chi^2/\text{NDF}: 710.6/25$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -271.349 ± 0.144 $\chi^2/\text{NDF}: 536110.7/8$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

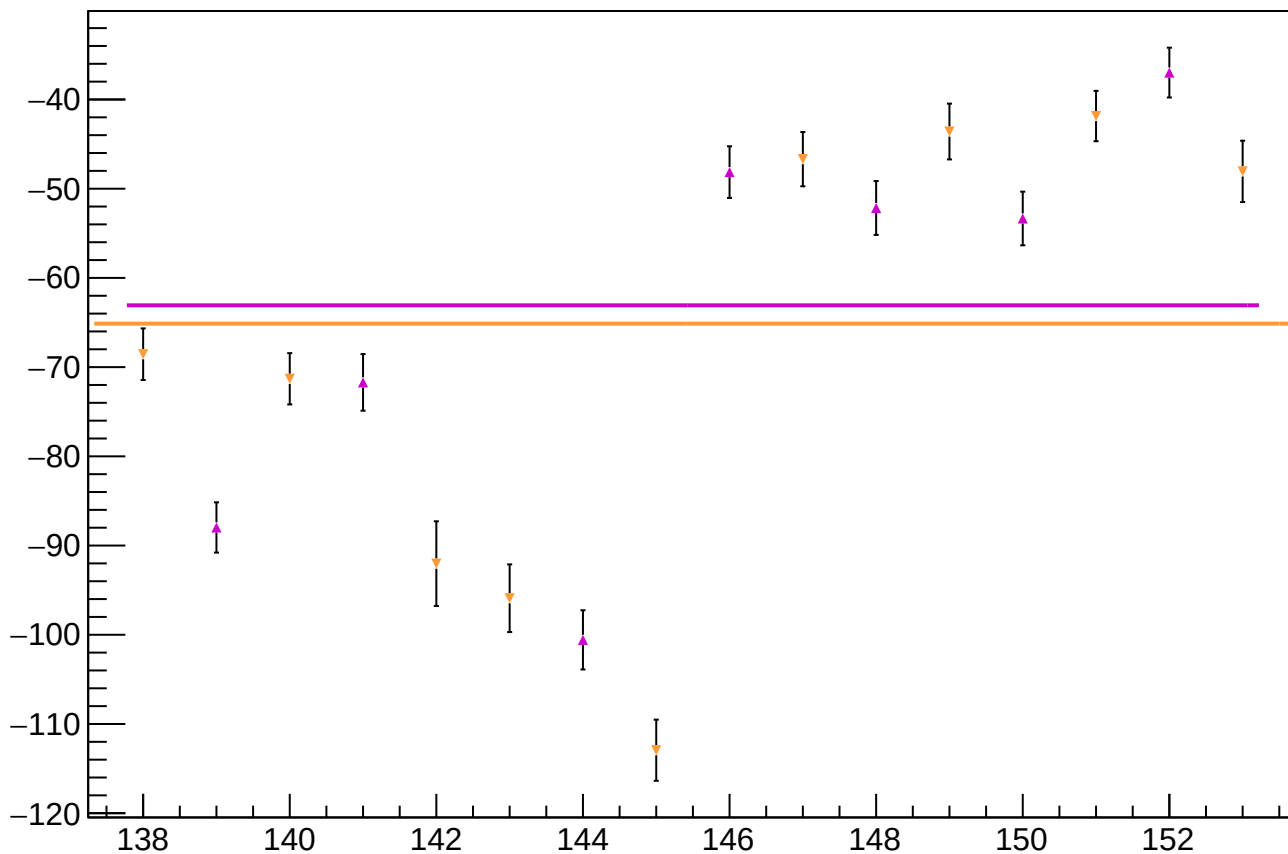
Left In: -309.635 ± 0.156 $\chi^2/\text{NDF}: 34125.0/6$

+ sign -242.449 ± 0.099 $\chi^2/\text{NDF}: 759139.9/25$

All: -247.528 ± 0.070 $\chi^2/\text{NDF}: 1142646.5/51$

- sign -252.718 ± 0.100 $\chi^2/\text{NDF}: 378156.6/25$

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -65.127+/-1.078 χ^2/NDF : 475.3/8

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

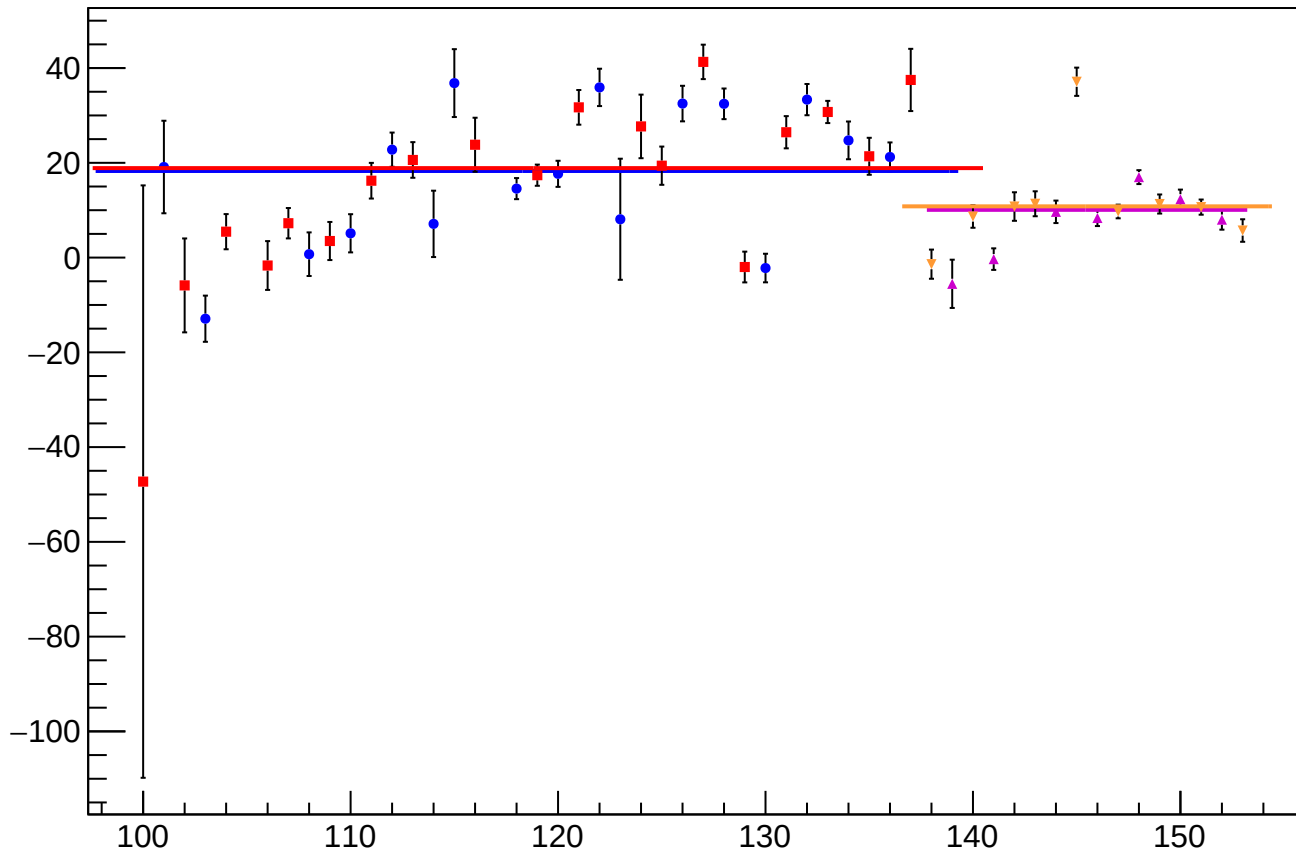
Left In: -63.072+/-1.130 χ^2/NDF : 350.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.147+/-0.780 χ^2/NDF : 827.5/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 ± 0.906 $\chi^2/\text{NDF}: 204.6/16$

Left Out: 10.814 ± 0.717 $\chi^2/\text{NDF}: 99.6/8$

Right Out: 18.882 ± 0.864 $\chi^2/\text{NDF}: 198.4/18$

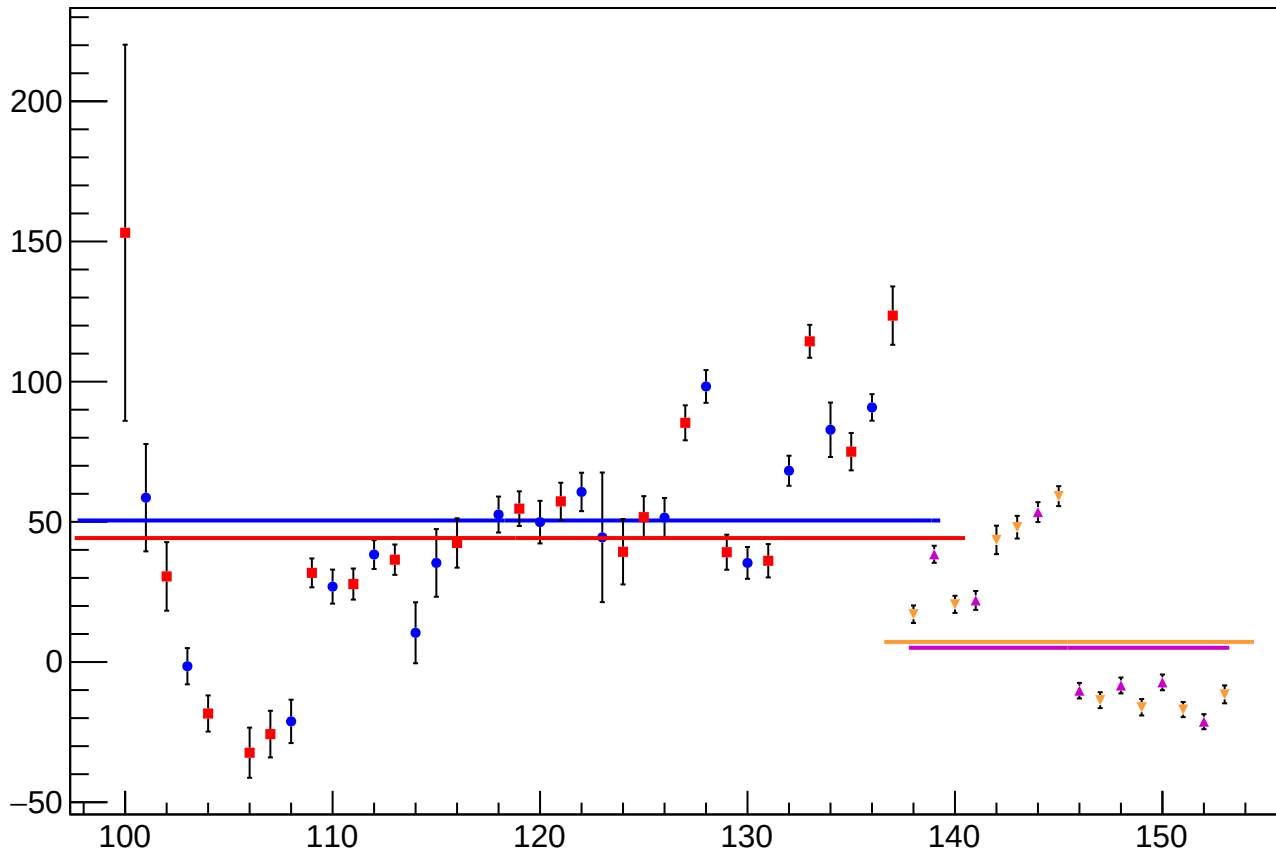
Left In: 10.077 ± 0.771 $\chi^2/\text{NDF}: 55.6/6$

+ sign 13.692 ± 0.562 $\chi^2/\text{NDF}: 345.9/25$

All: 13.833 ± 0.402 $\chi^2/\text{NDF}: 657.9/51$

- sign 13.980 ± 0.576 $\chi^2/\text{NDF}: 311.8/25$

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 ± 1.668 $\chi^2/\text{NDF}: 357.9/16$

Left Out: 7.177 ± 1.076 $\chi^2/\text{NDF}: 626.9/8$

Right Out: 44.222 ± 1.602 $\chi^2/\text{NDF}: 534.4/18$

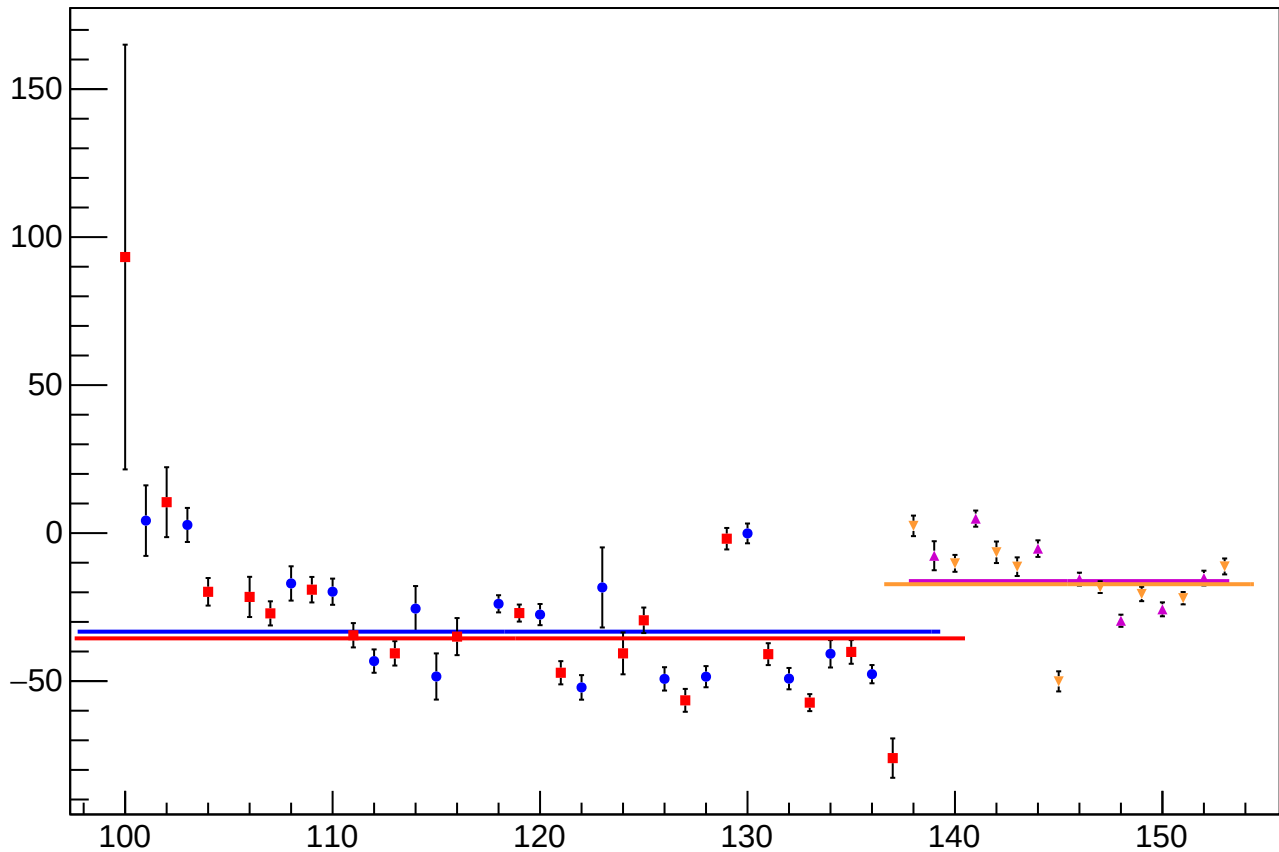
Left In: 5.084 ± 1.121 $\chi^2/\text{NDF}: 499.6/6$

+ sign 19.911 ± 0.904 $\chi^2/\text{NDF}: 1460.6/25$

All: 18.943 ± 0.644 $\chi^2/\text{NDF}: 2897.5/51$

- sign 17.944 ± 0.919 $\chi^2/\text{NDF}: 1434.5/25$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -17.260 ± 0.891 χ^2/NDF : 156.2/8

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

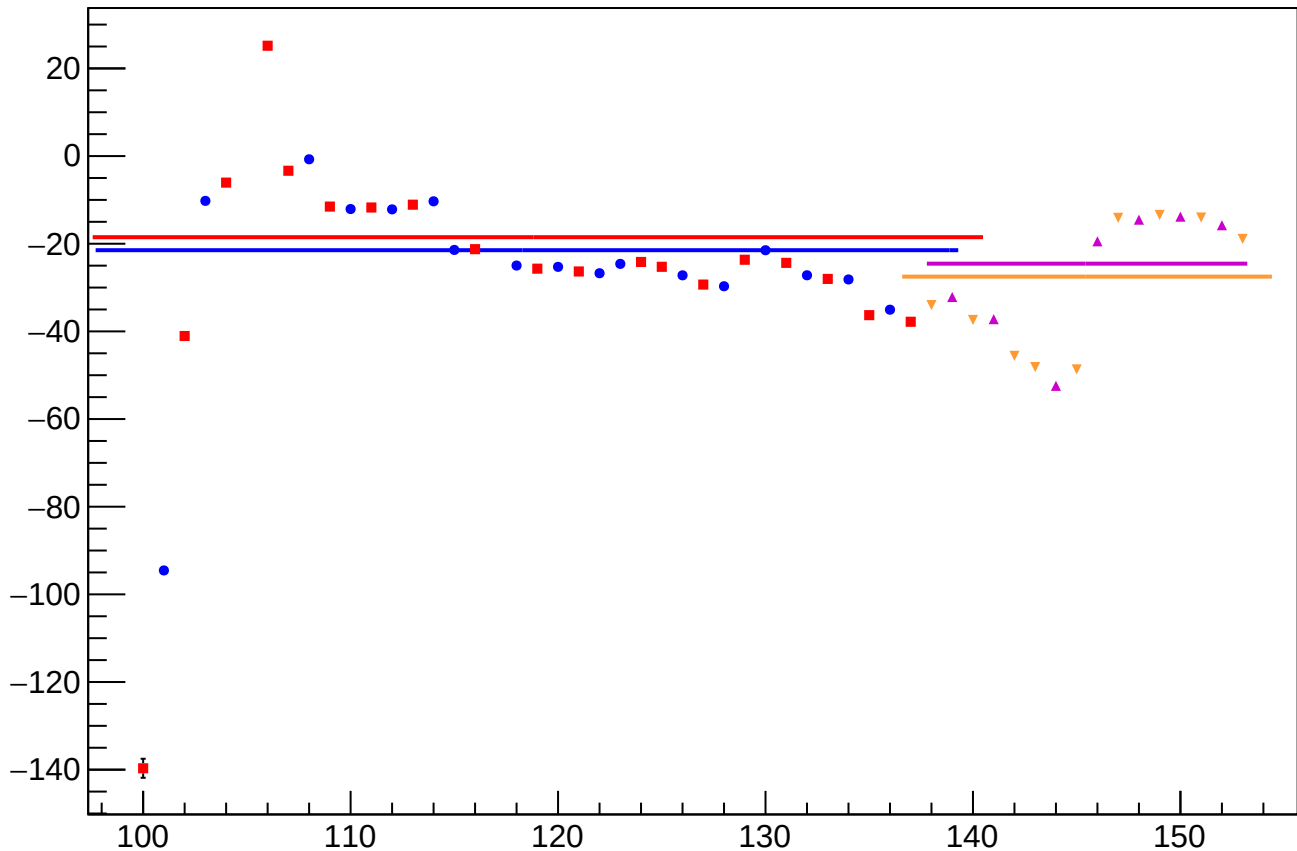
Left In: -16.209 ± 0.958 χ^2/NDF : 137.3/6

+ sign -24.101 ± 0.675 χ^2/NDF : 583.4/25

All: -24.807 ± 0.482 χ^2/NDF : 1207.6/51

- sign -25.543 ± 0.689 χ^2/NDF : 621.9/25

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -27.506 ± 0.045 $\chi^2/\text{NDF}: 96597.1/8$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

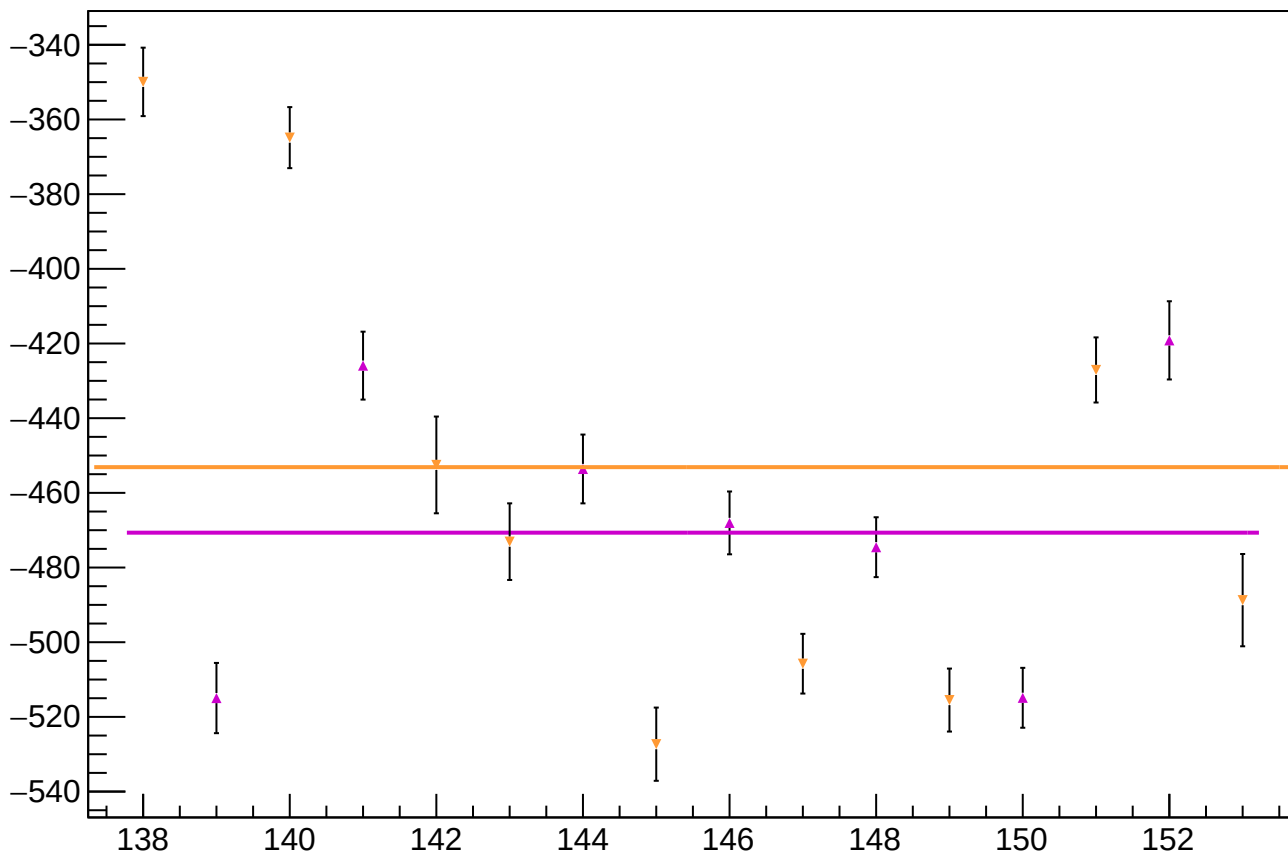
Left In: -24.546 ± 0.046 $\chi^2/\text{NDF}: 69066.5/6$

+ sign -25.304 ± 0.035 $\chi^2/\text{NDF}: 152311.3/25$

All: -23.759 ± 0.025 $\chi^2/\text{NDF}: 312691.1/51$

- sign -22.163 ± 0.036 $\chi^2/\text{NDF}: 156517.6/25$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -453.113+/-3.129 χ^2/NDF : 419.6/8

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

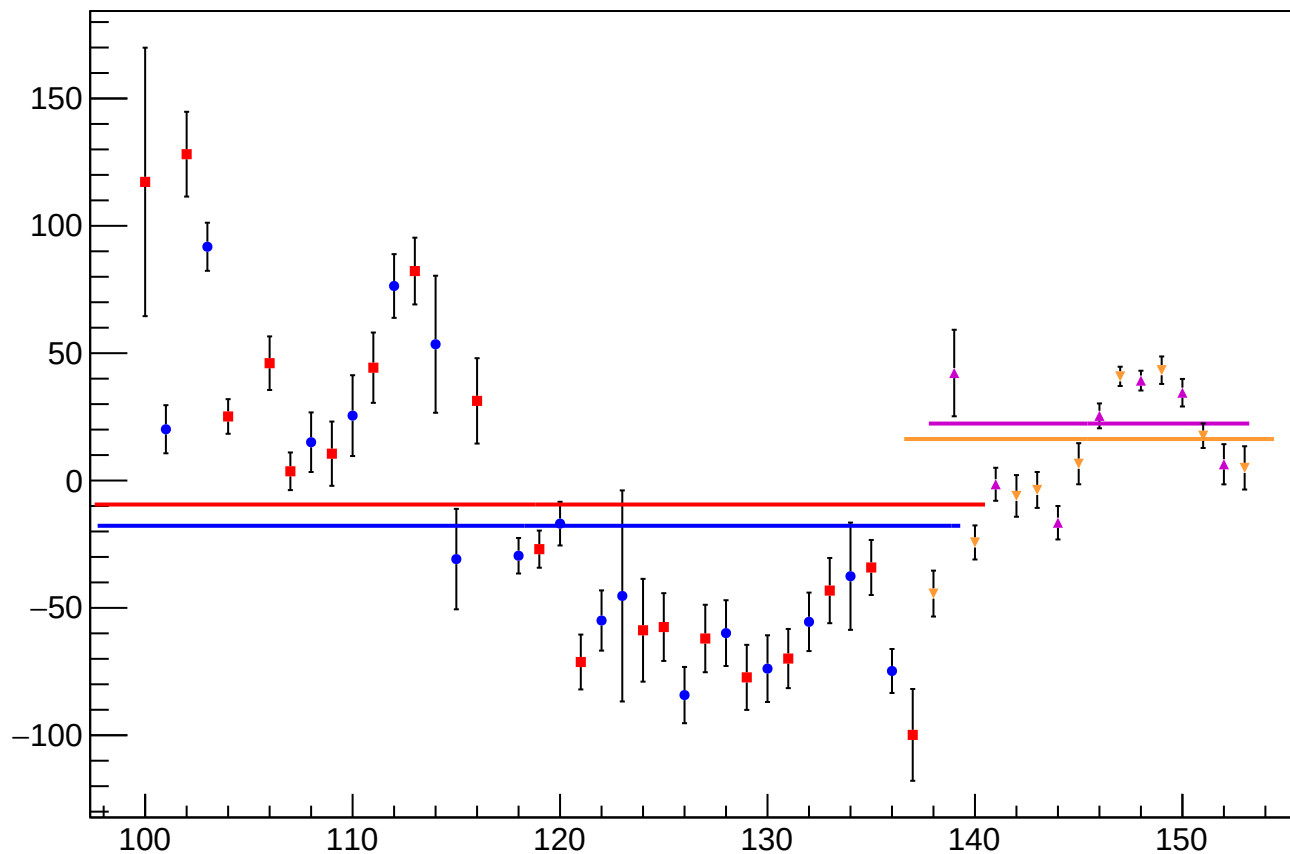
Left In: -470.662+/-3.342 χ^2/NDF : 104.7/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.310+/-2.284 χ^2/NDF : 539.0/15

- 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: 16.299 ± 2.015 χ^2/NDF : 168.3/8

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

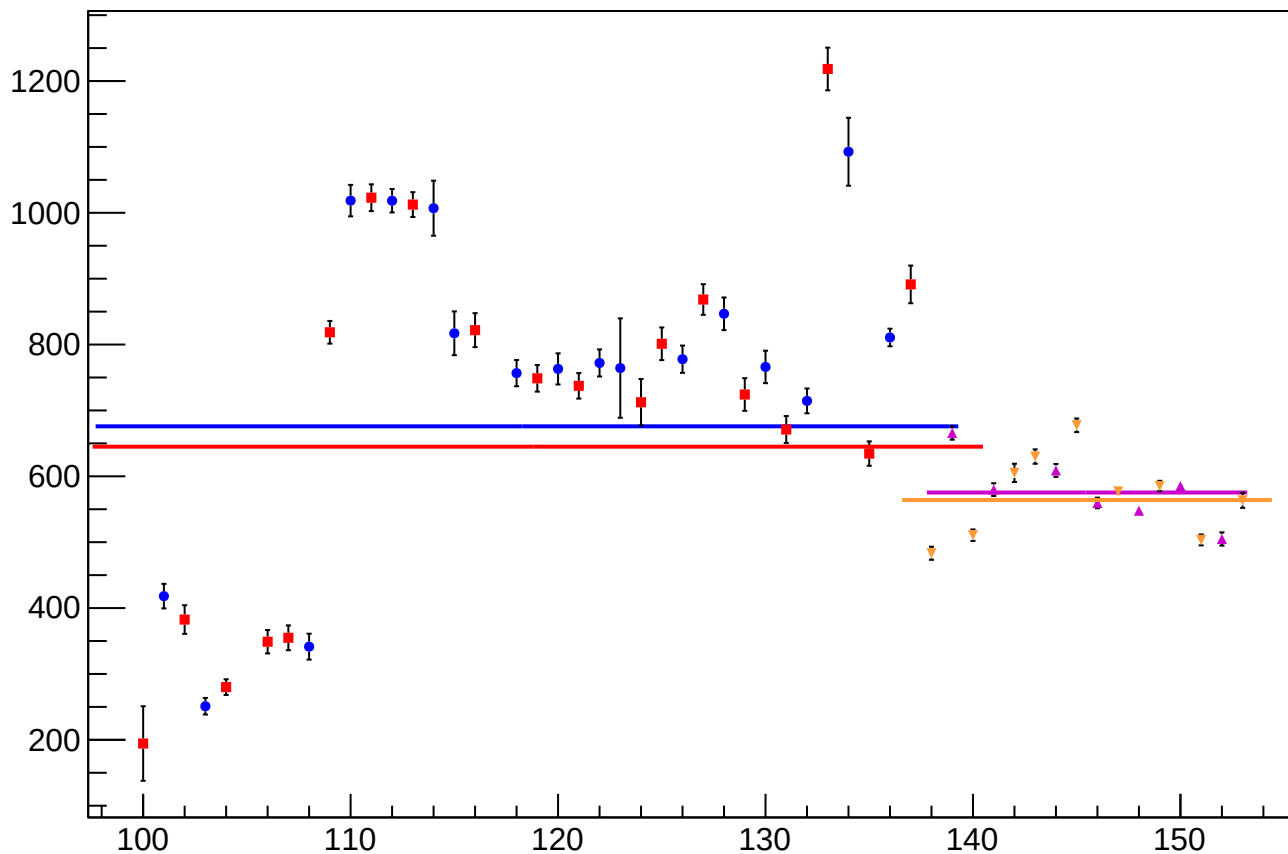
Left In: 22.373 ± 2.187 χ^2/NDF : 78.4/6

+ sign 4.571 ± 1.632 χ^2/NDF : 630.5/25

All: 6.860 ± 1.170 χ^2/NDF : 1169.5/51

- sign 9.278 ± 1.677 χ^2/NDF : 535.0/25

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 $\pm$ 5.037 χ^2 /NDF: 2586.4/16

Left Out: 563.976 $\pm$ 3.126 χ^2 /NDF:332.6/8

Right Out: 645.014 $\pm$ 4.761 χ^2 /NDF: 3123.3/18

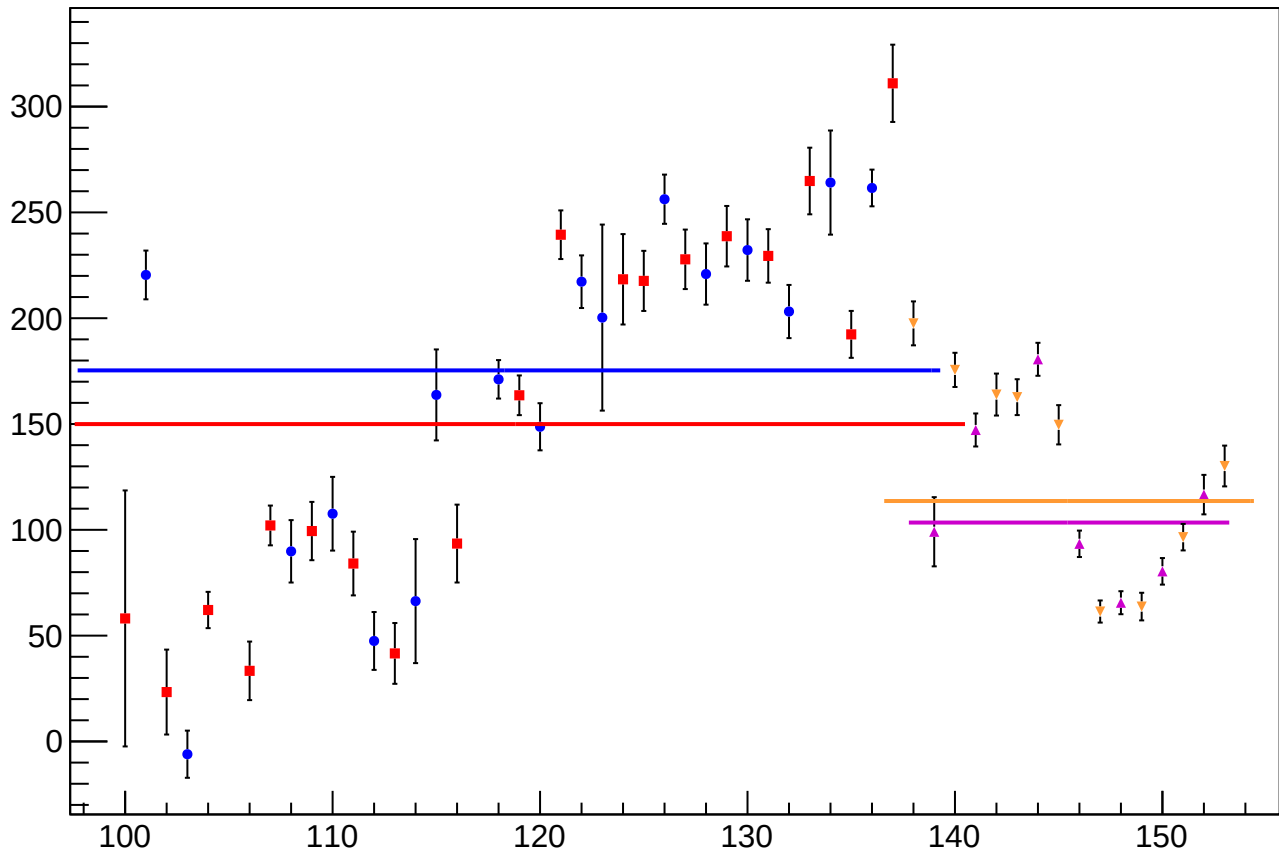
Left In: 575.425 $\pm$ 3.305 χ^2 /NDF:159.1/6

+ sign 595.088 $\pm$ 2.656 χ^2 /NDF: 3275.3/25

All: 596.540 $\pm$ 1.899 χ^2 /NDF: 6702.5/51

- sign 598.058 $\pm$ 2.715 χ^2 /NDF: 3426.6/25

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 113.613 $\pm$ 2.526 χ^2 /NDF: 367.3/8

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

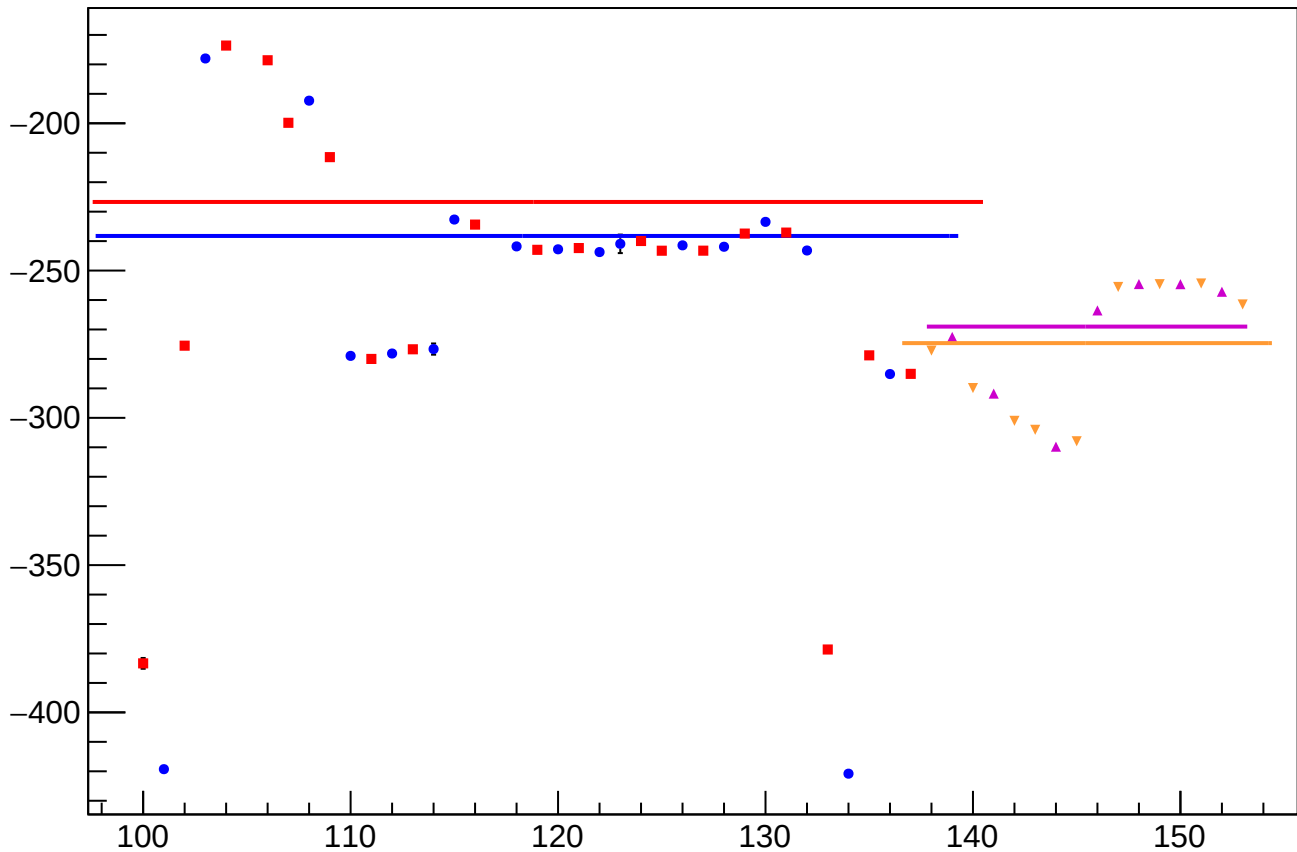
Left In: 103.433 $\pm$ 2.742 χ^2 /NDF: 196.3/6

+ sign 137.290 $\pm$ 1.984 χ^2 /NDF: 1234.7/25

All: 130.954 $\pm$ 1.421 χ^2 /NDF: 2274.0/51

- sign 124.268 $\pm$ 2.038 χ^2 /NDF: 1018.4/25

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 ± 0.160 $\chi^2/\text{NDF}: 167125.9/16$

Left Out: -274.631 ± 0.131 $\chi^2/\text{NDF}: 25557.5/8$

Right Out: -226.706 ± 0.151 $\chi^2/\text{NDF}: 102831.3/18$

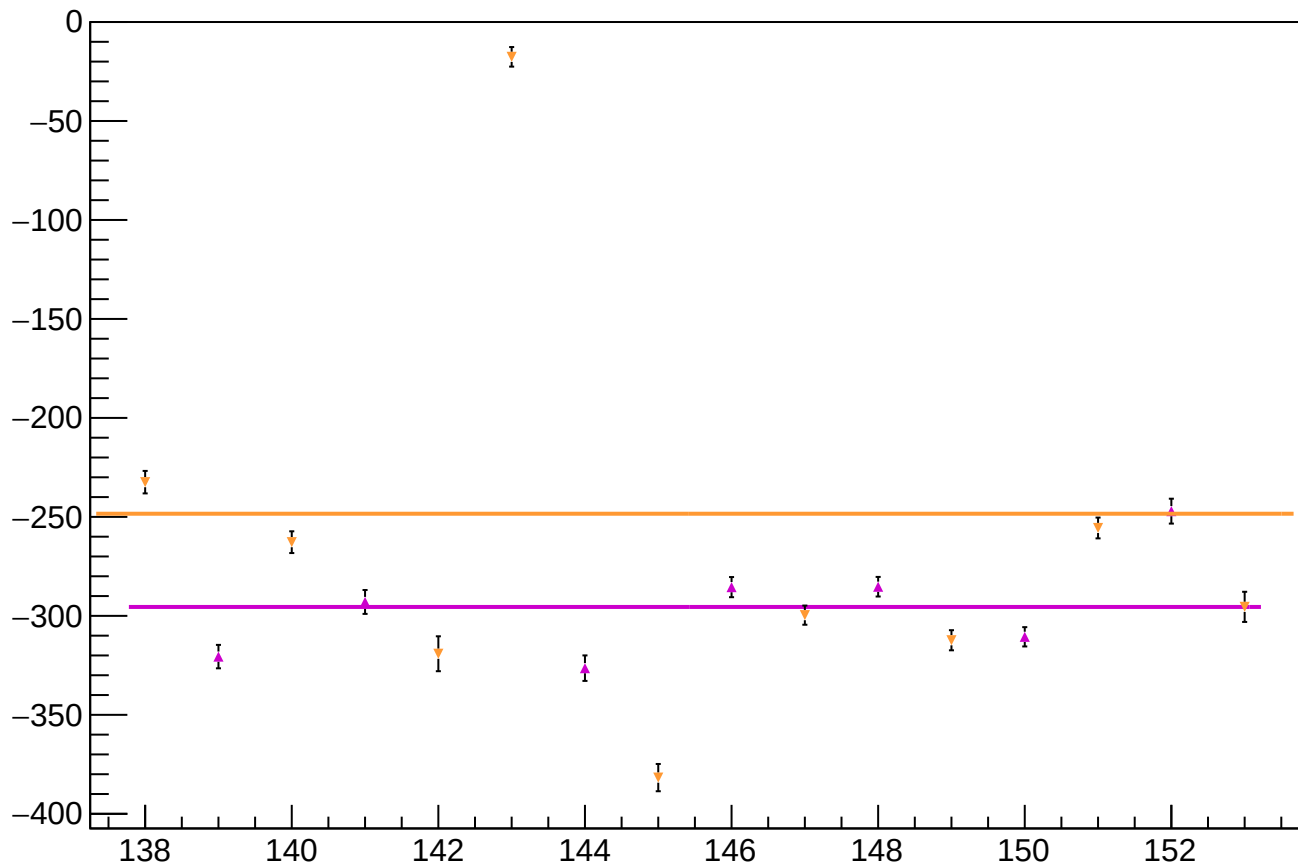
Left In: -269.023 ± 0.138 $\chi^2/\text{NDF}: 17577.5/6$

+ sign -259.966 ± 0.102 $\chi^2/\text{NDF}: 223579.4/25$

All: -254.895 ± 0.072 $\chi^2/\text{NDF}: 391781.8/51$

- sign -249.792 ± 0.102 $\chi^2/\text{NDF}: 163197.9/25$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -248.404 ± 1.911 χ^2/NDF : 2941.0/8

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

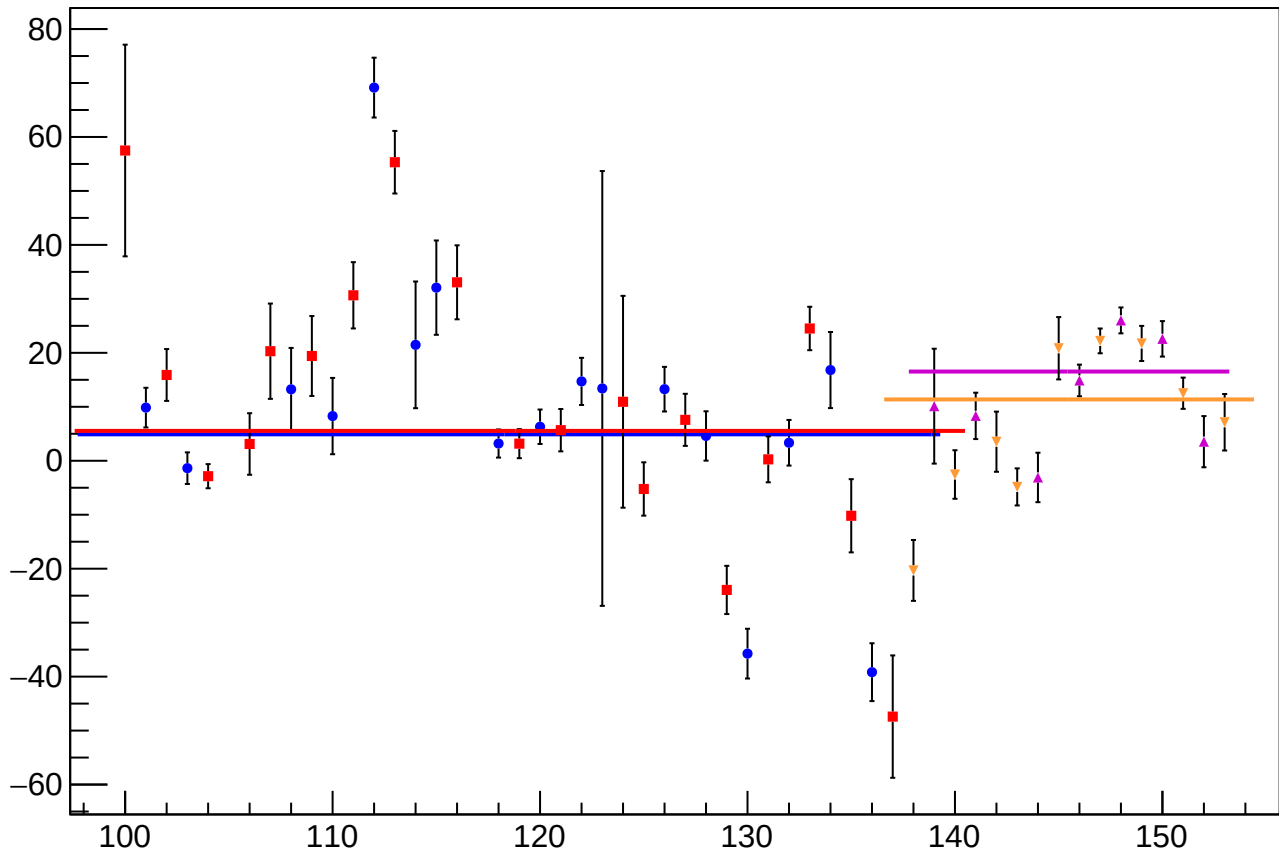
Left In: -295.497 ± 2.099 χ^2/NDF : 118.2/6

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -269.751 ± 1.413 χ^2/NDF : 3334.4/15

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 $\pm$ 1.089 χ^2/NDF : 312.0/16

Left Out: 11.362 $\pm$ 1.224 χ^2/NDF : 101.3/8

Right Out: 5.534 $\pm$ 1.071 χ^2/NDF : 239.1/18

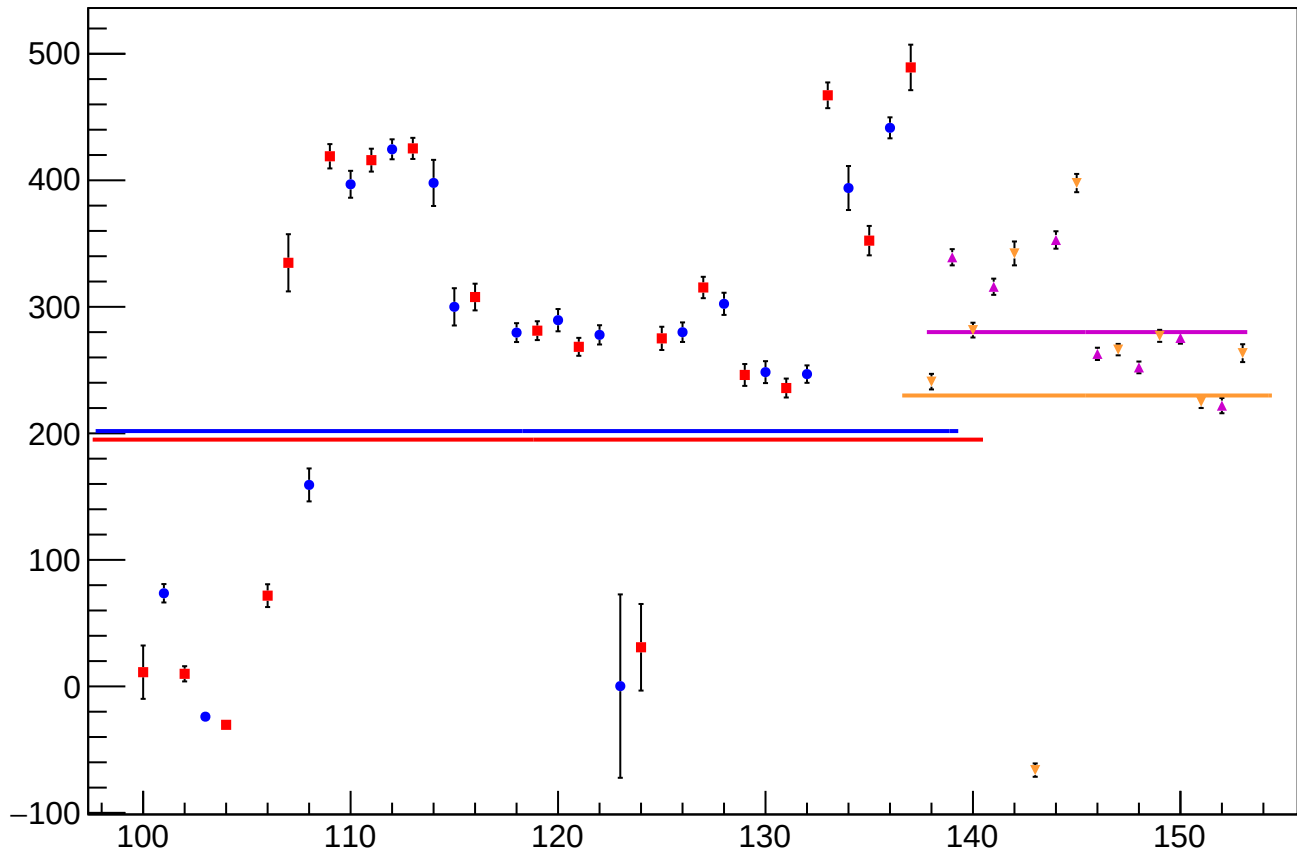
Left In: 16.532 $\pm$ 1.364 χ^2/NDF : 49.2/6

+ sign 7.754 $\pm$ 0.814 χ^2/NDF : 428.9/25

All: 8.707 $\pm$ 0.585 χ^2/NDF : 760.2/51

- sign 9.729 $\pm$ 0.843 χ^2/NDF : 328.5/25

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 229.930 $\pm$ 1.907 χ^2 /NDF: 4093.7/8

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

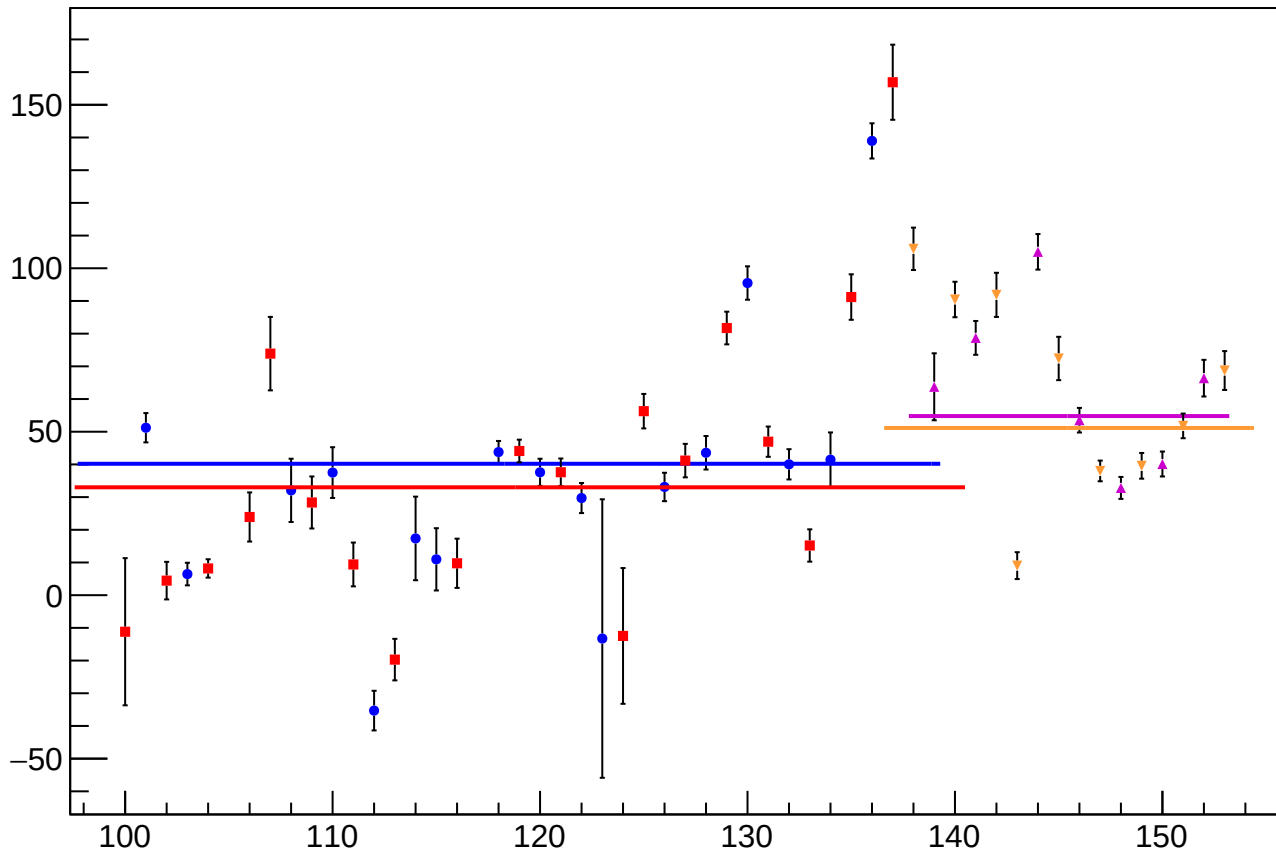
Left In: 280.038 $\pm$ 2.066 χ^2 /NDF: 371.0/6

+ sign 216.329 $\pm$ 1.370 χ^2 /NDF: 10953.2/25

All: 225.182 $\pm$ 0.982 χ^2 /NDF: 20573.0/51

- sign 234.531 $\pm$ 1.408 χ^2 /NDF: 9534.1/25

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF : 735.0/16

Left Out: 51.156+/-1.534 χ^2/NDF :310.3/8

Right Out: 32.999 ± 1.253 χ^2/NDF : 554.1/18

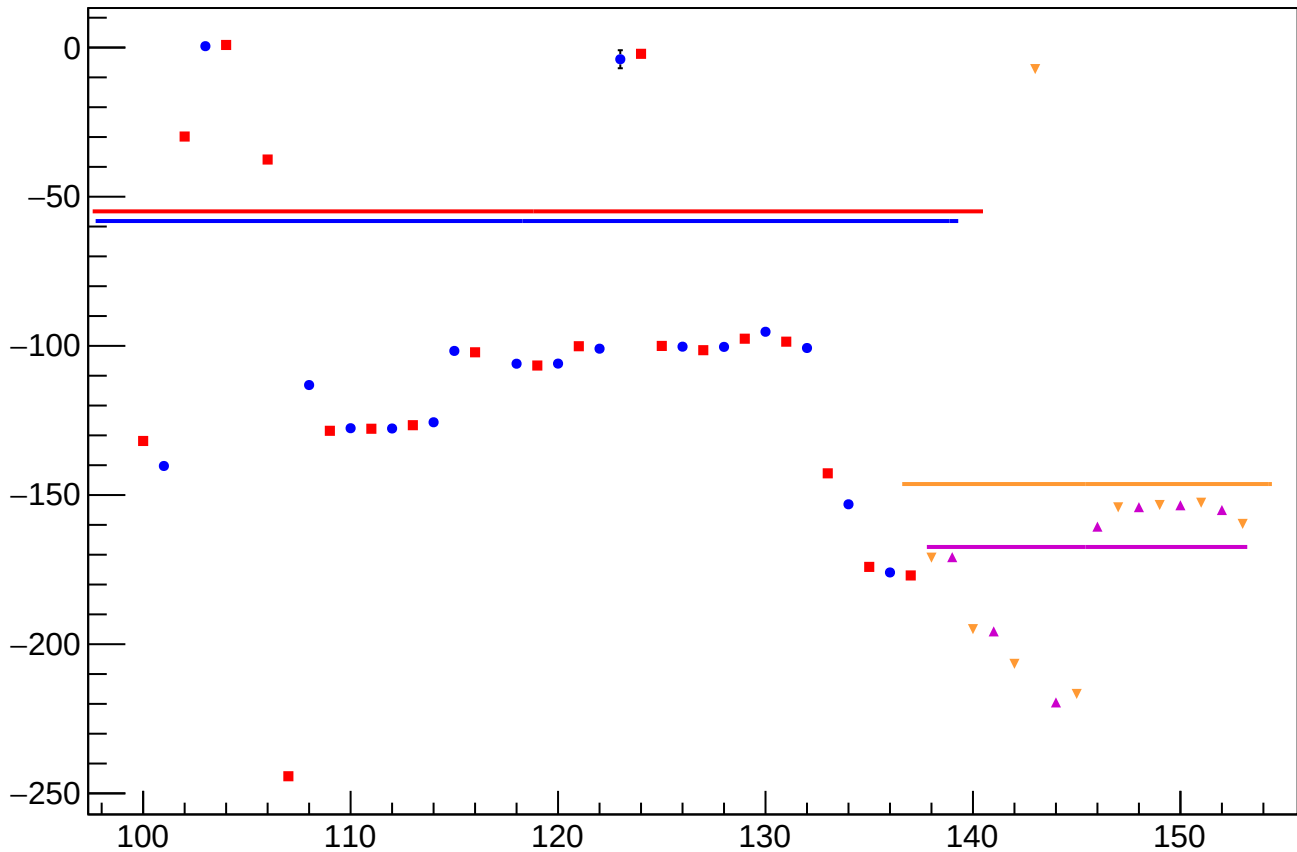
Left In: 54.789+/-1.714 χ^2/NDF :169.5/6

+ sign 44.642 $\pm$ 0.977 χ^2 /NDF: 1075.6/25

All: 42.683 ± 0.703 χ^2/NDF : 1912.8/51

- sign 40.586 $\pm$ 1.011 χ^2 /NDF: 828.9/25

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 $\pm$ 0.062 χ^2 /NDF: 1105509.3/16

Left Out: -146.311 $\pm$ 0.080 χ^2 /NDF: 572402.2/8

Right Out: -54.914 $\pm$ 0.060 χ^2 /NDF: 1003885.5/18

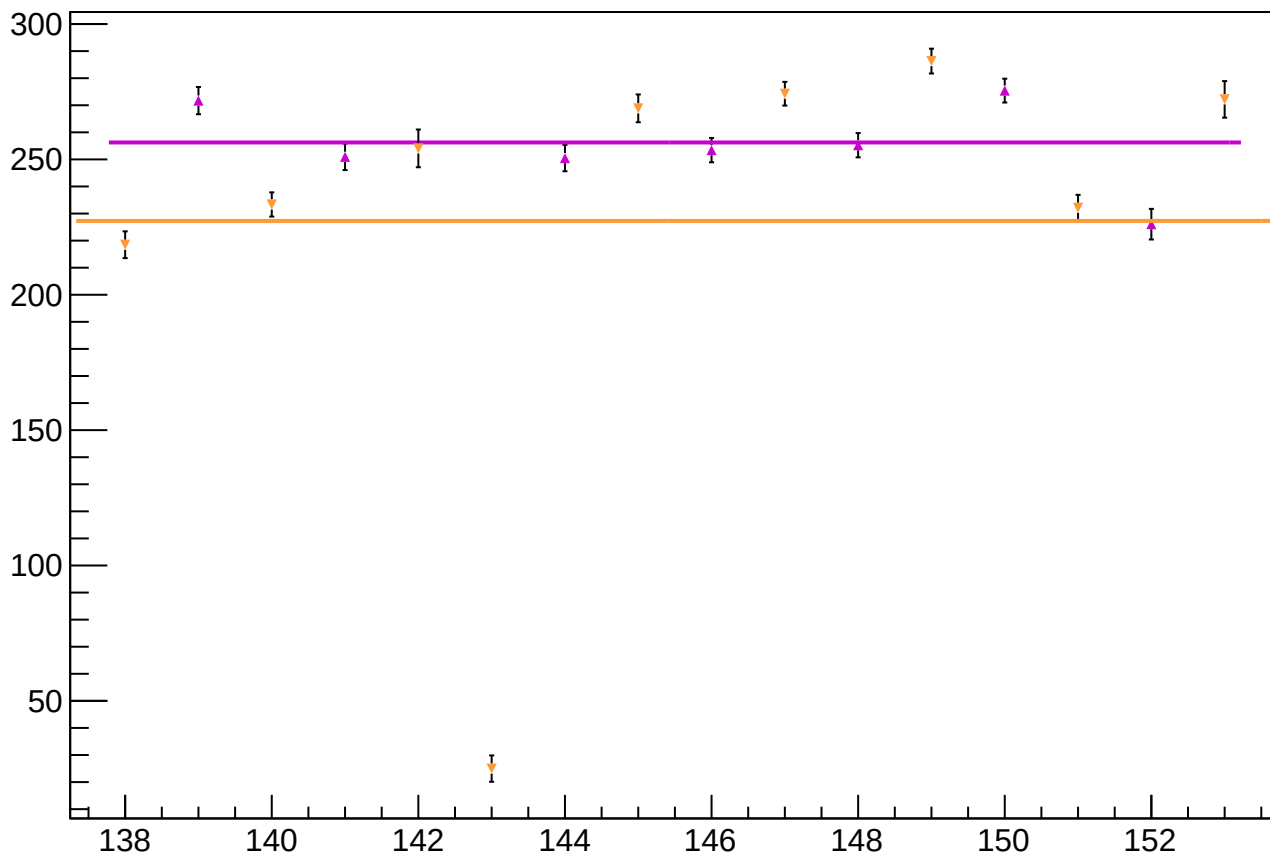
Left In: -167.404 $\pm$ 0.086 χ^2 /NDF: 55187.0/6

+ sign -90.925 $\pm$ 0.049 χ^2 /NDF: 2439879.3/25

All: -91.349 $\pm$ 0.035 χ^2 /NDF: 4642751.9/51

- sign -91.784 $\pm$ 0.049 χ^2 /NDF: 2202719.4/25

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 227.283+/-1.673 χ^2/NDF : 2137.2/8

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

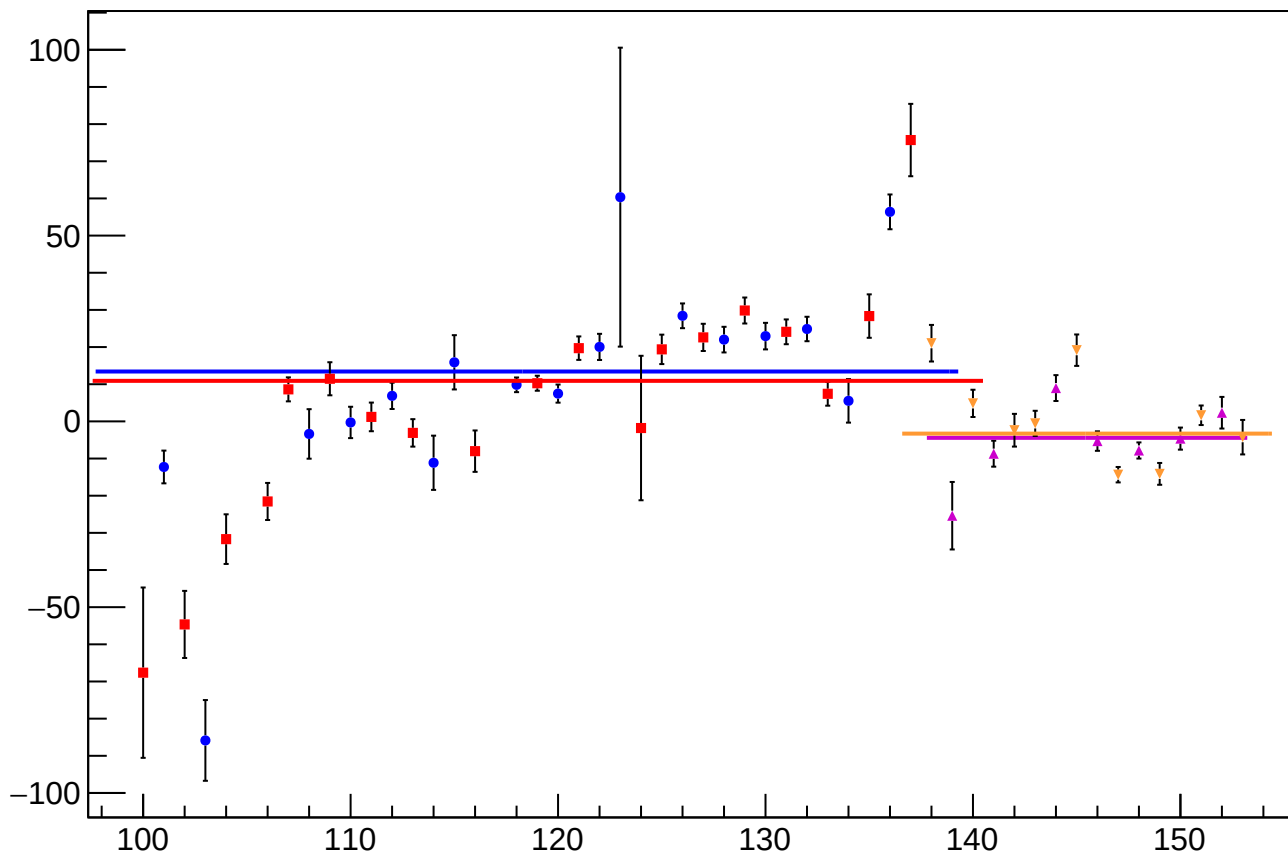
Left In: 256.261+/-1.809 χ^2/NDF : 59.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.642+/-1.229 χ^2/NDF : 2335.3/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: -3.292+/-1.085 χ^2/NDF : 103.7/8

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

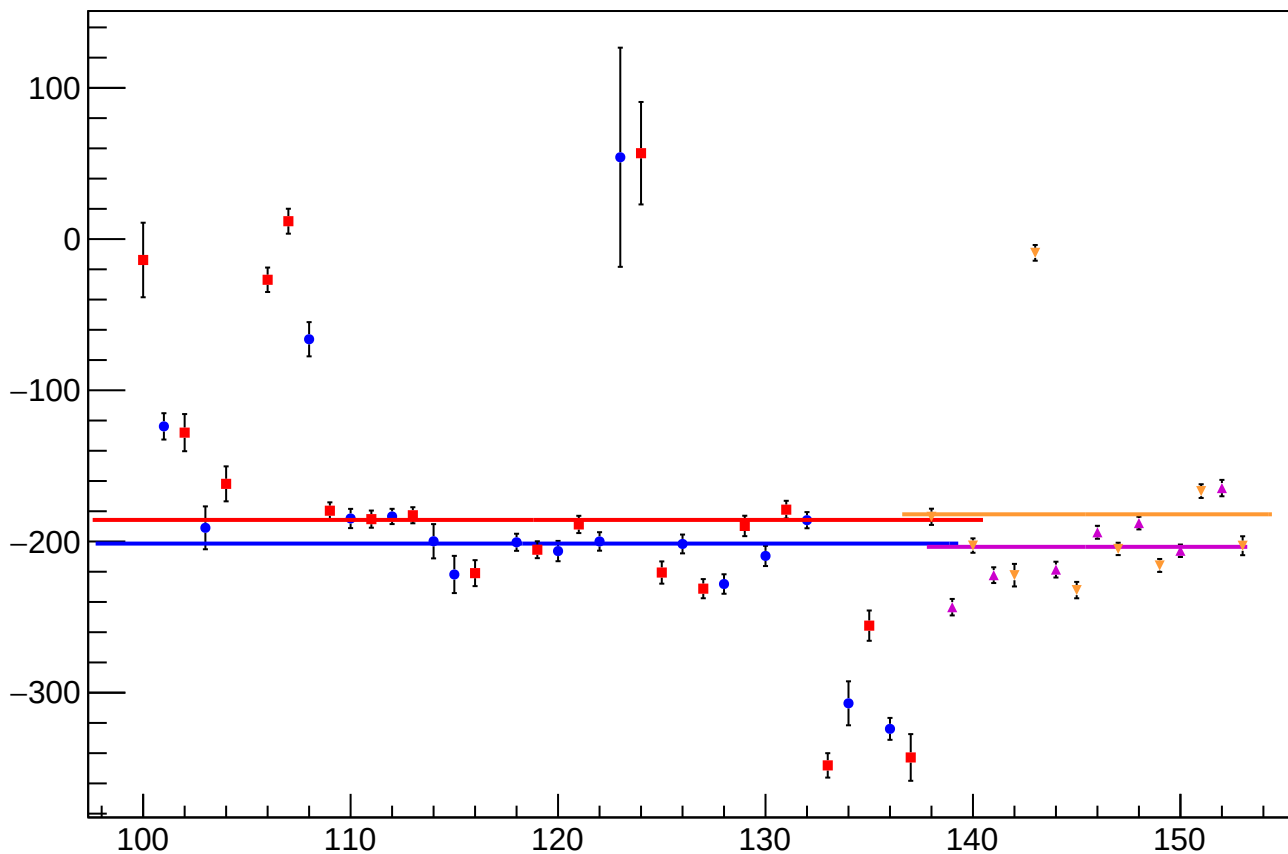
Left In: -4.426+/-1.193 χ^2/NDF : 26.7/6

+ sign 6.438+/-0.702 χ^2/NDF : 537.0/25

All: 5.850+/-0.505 χ^2/NDF : 971.7/51

- sign 5.219+/-0.727 χ^2/NDF : 433.3/25

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -182.017 ± 1.676 χ^2/NDF : 1355.7/8

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

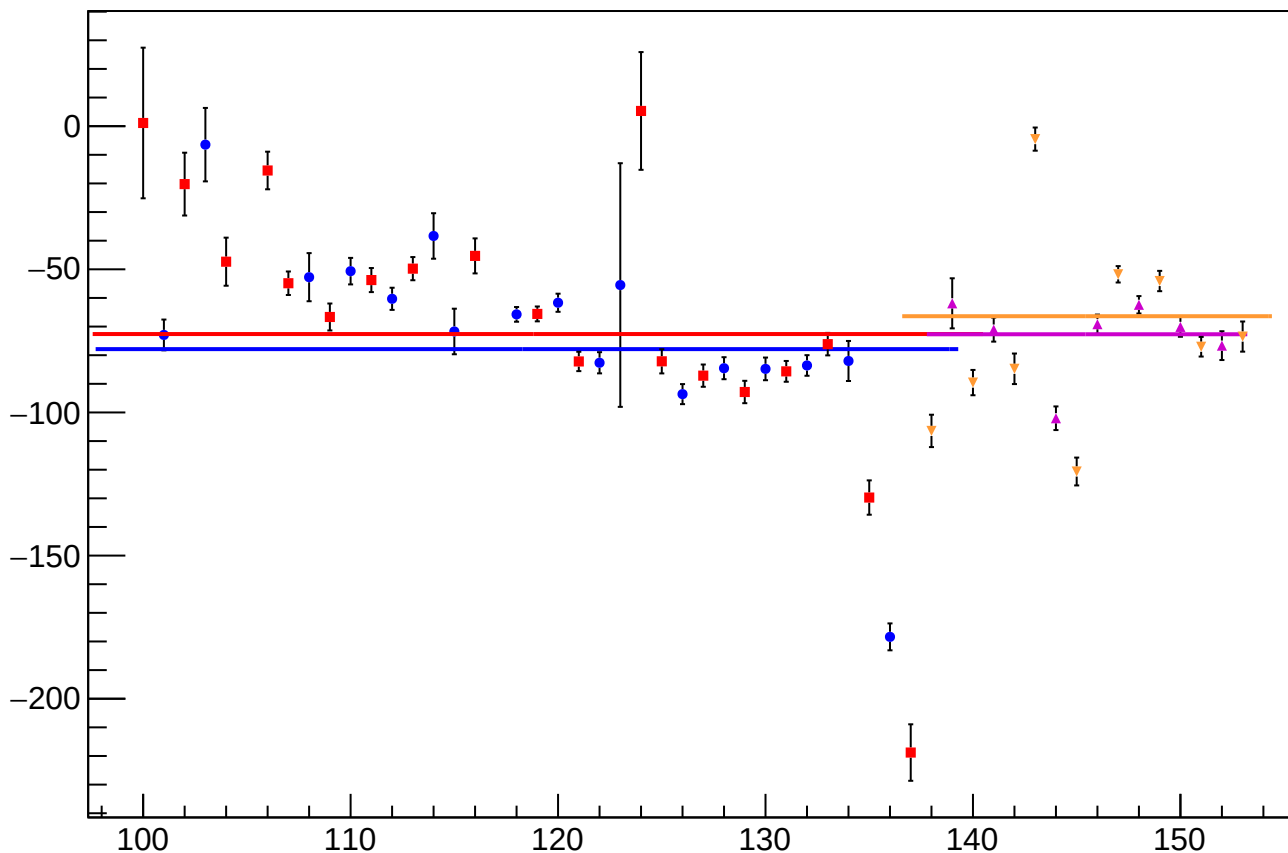
Left In: -203.539 ± 1.792 χ^2/NDF : 145.9/6

+ sign -191.122 ± 1.220 χ^2/NDF : 2041.9/25

All: -192.629 ± 0.867 χ^2/NDF : 3992.1/51

- sign -194.169 ± 1.233 χ^2/NDF : 1947.1/25

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -66.382 ± 1.356 χ^2/NDF : 497.5/8

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

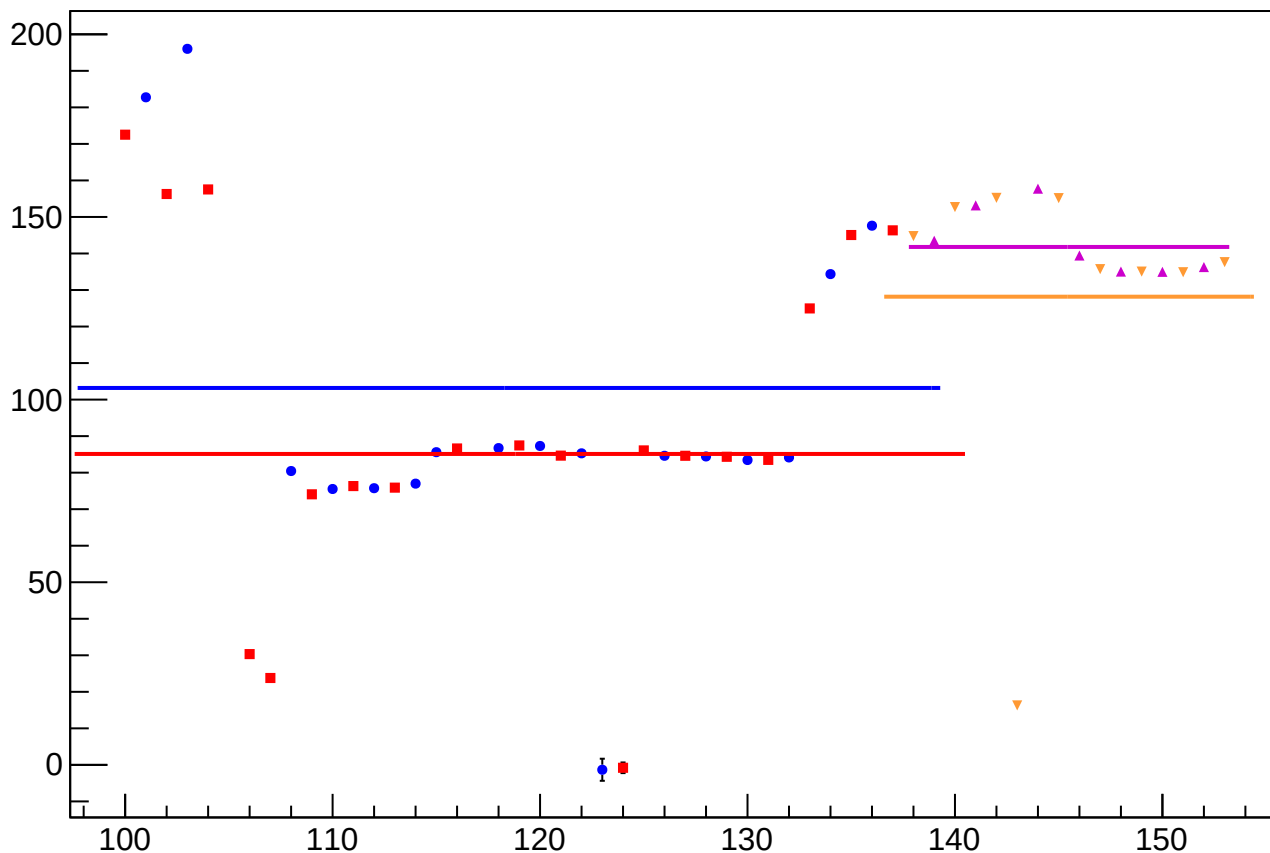
Left In: -72.686 ± 1.492 χ^2/NDF : 66.0/6

+ sign -73.490 ± 0.838 χ^2/NDF : 1200.1/25

All: -73.074 ± 0.600 χ^2/NDF : 1873.5/51

- sign -72.636 ± 0.861 χ^2/NDF : 672.8/25

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 128.173 $\pm$ 0.070 χ^2 /NDF: 339520.9/8

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

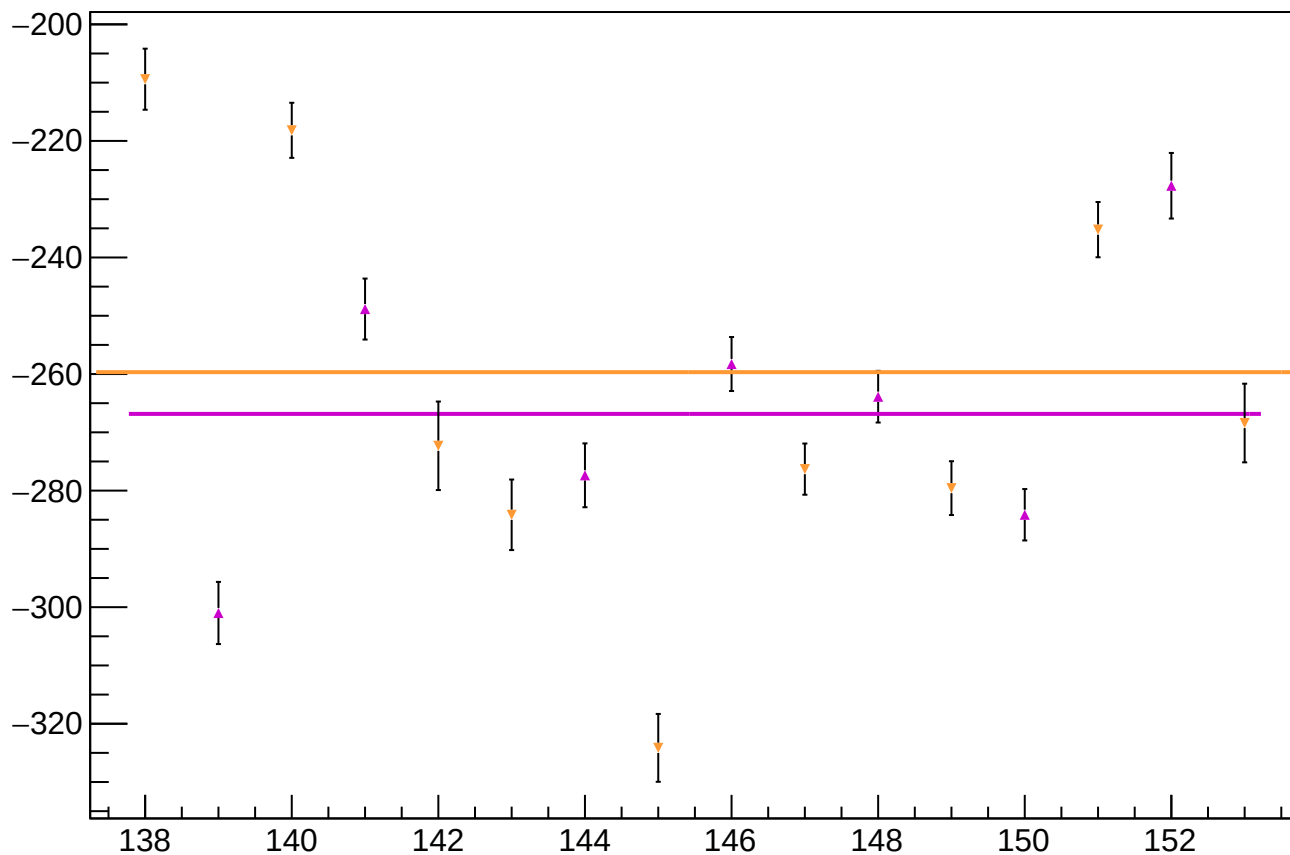
Left In: 141.789 $\pm$ 0.075 χ^2 /NDF: 11599.5/6

+ sign 115.703 $\pm$ 0.050 χ^2 /NDF: 676316.8/25

All: 112.256 $\pm$ 0.035 χ^2 /NDF: 1453671.8/51

- sign 108.973 $\pm$ 0.048 χ^2 /NDF: 767958.5/25

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.674 $\pm$ 1.766 χ^2 /NDF:372.0/8

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

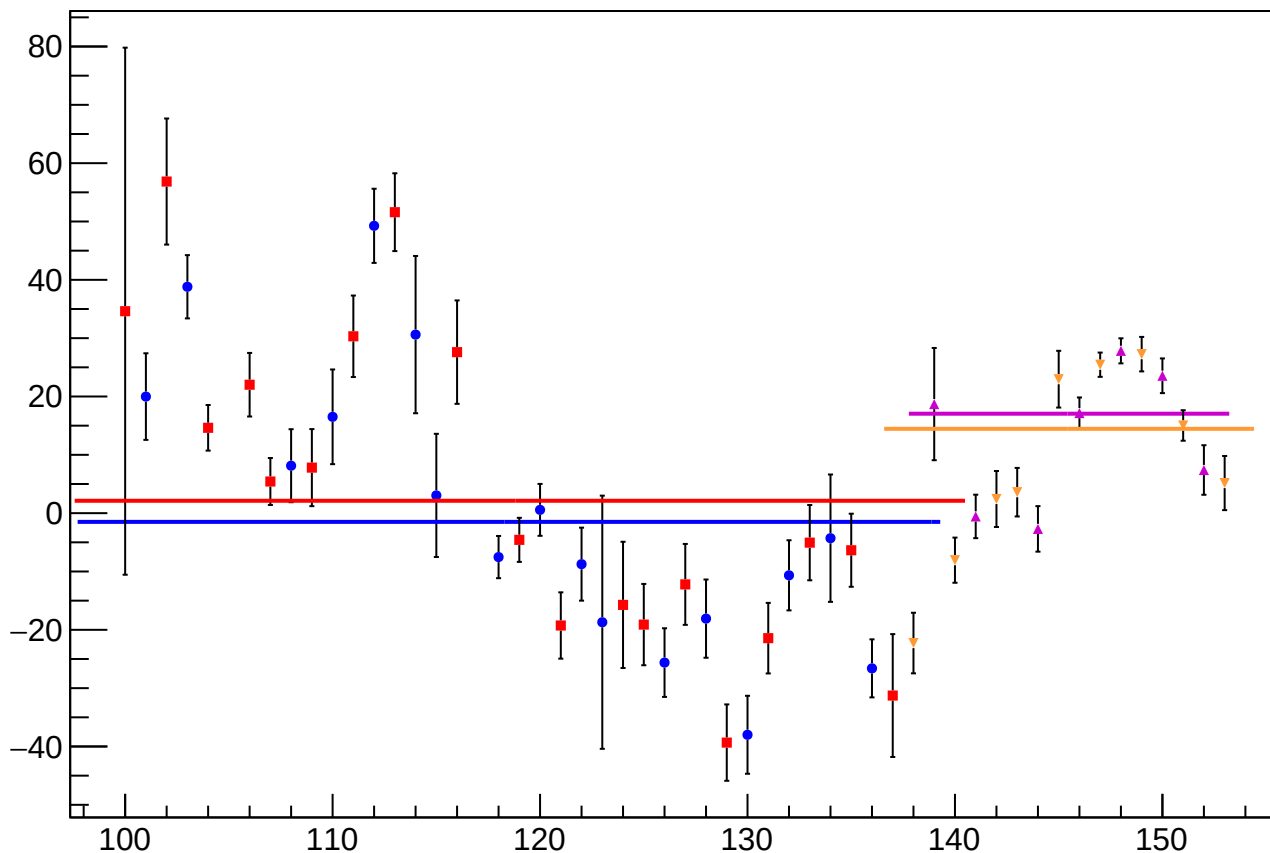
Left In: -266.838 $\pm$ 1.871 χ^2 /NDF:124.2/6

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

All: -263.049 $\pm$ 1.285 χ^2 /NDF: 503.9/15

- sign 0.000 $\pm$ 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: 14.460+/-1.129 χ^2/NDF :150.7/8

Right Out: 2.127+/-1.402 χ^2/NDF : 232.6/18

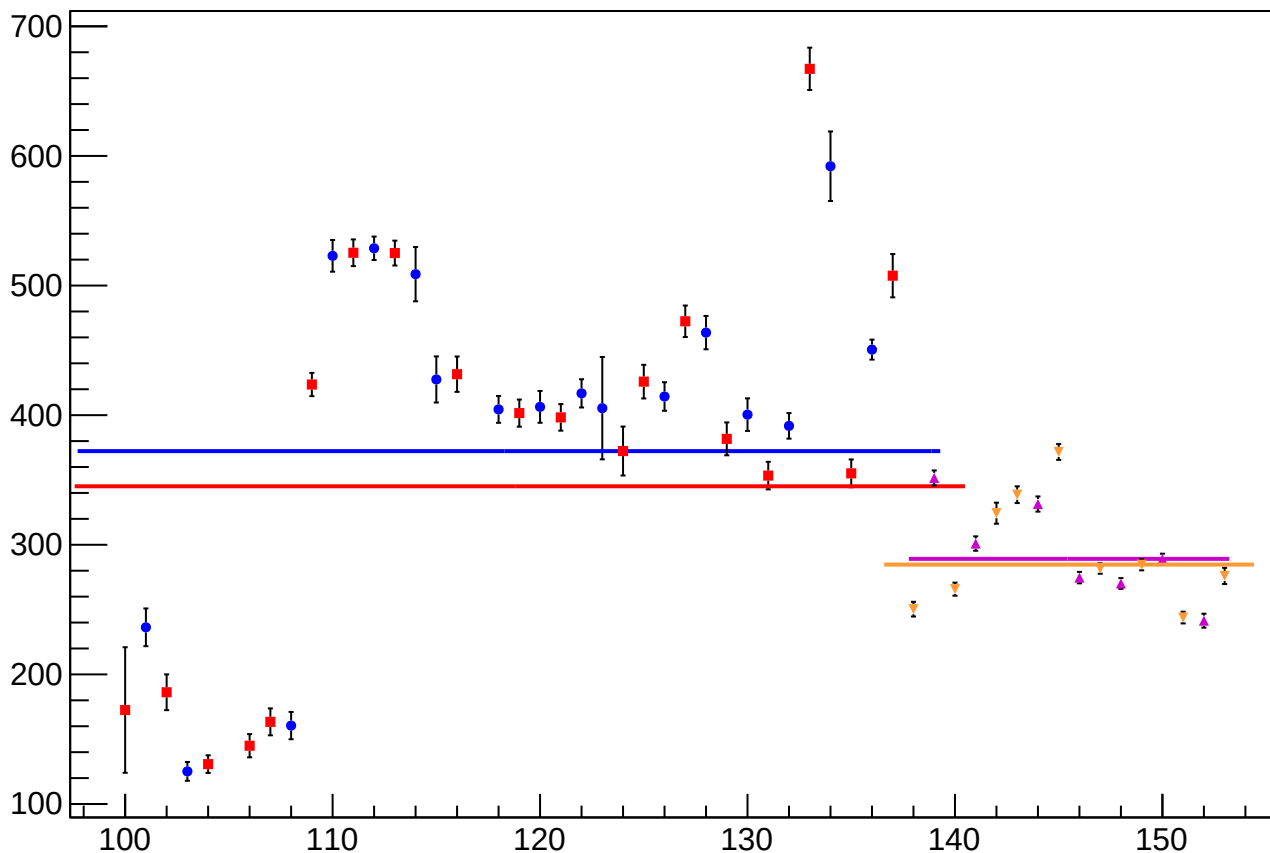
Left In: 17.051+/-1.219 χ^2/NDF :83.0/6

+ sign 8.759+/-0.905 χ^2/NDF : 448.2/25

All: 9.677+/-0.645 χ^2/NDF : 830.4/51

- sign 10.626+/-0.920 χ^2/NDF : 380.2/25

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 ± 2.759 $\chi^2/\text{NDF}: 2433.1/16$

Left Out: 284.718 ± 1.757 $\chi^2/\text{NDF}: 431.0/8$

Right Out: 345.135 ± 2.562 $\chi^2/\text{NDF}: 3416.5/18$

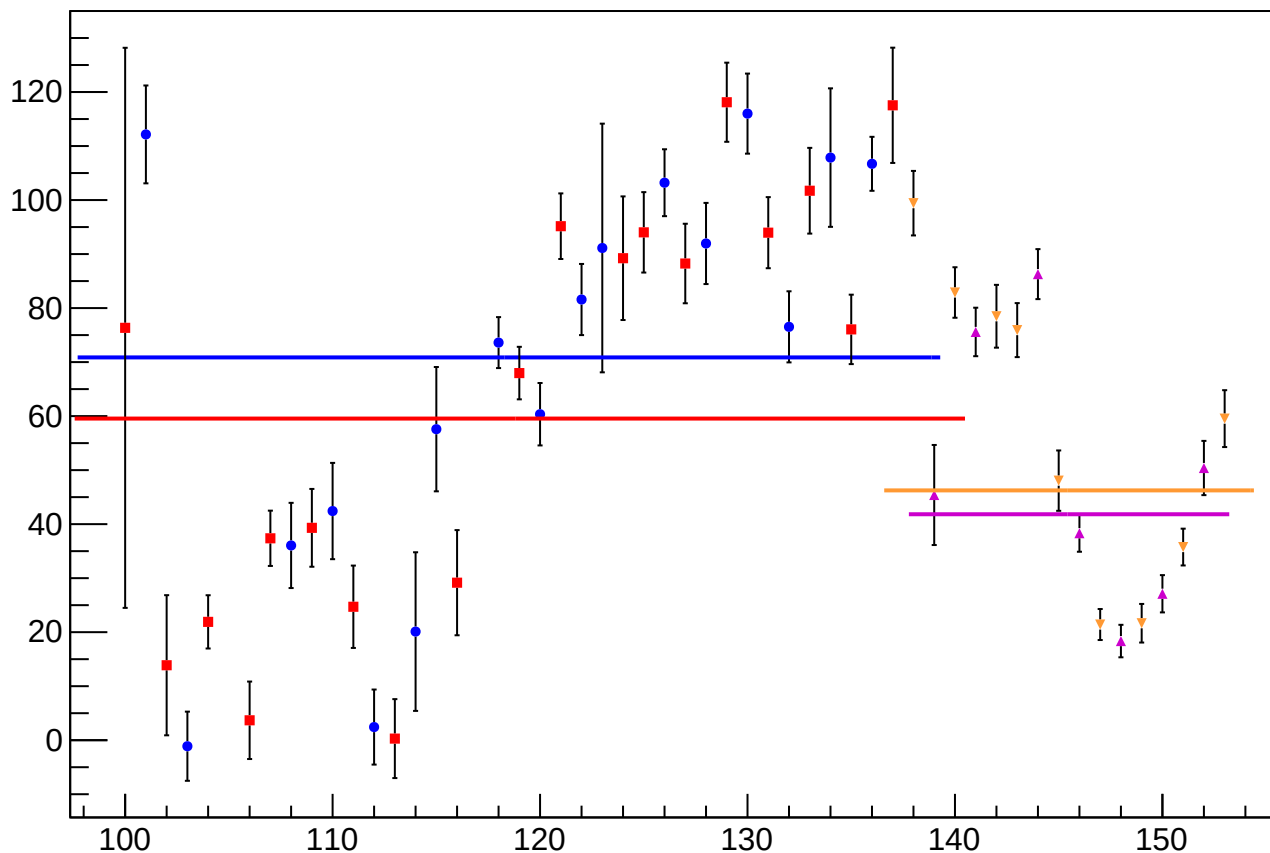
Left In: 289.137 ± 1.845 $\chi^2/\text{NDF}: 283.4/6$

+ sign 309.967 ± 1.482 $\chi^2/\text{NDF}: 3580.3/25$

All: 309.123 ± 1.053 $\chi^2/\text{NDF}: 7595.4/51$

- sign 308.262 ± 1.497 $\chi^2/\text{NDF}: 4014.4/25$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2/NDF : 427.0/16

Left Out: 46.248 $\pm$ 1.418 χ^2/NDF : 344.8/8

Right Out: 59.546 $\pm$ 1.633 χ^2/NDF : 490.9/18

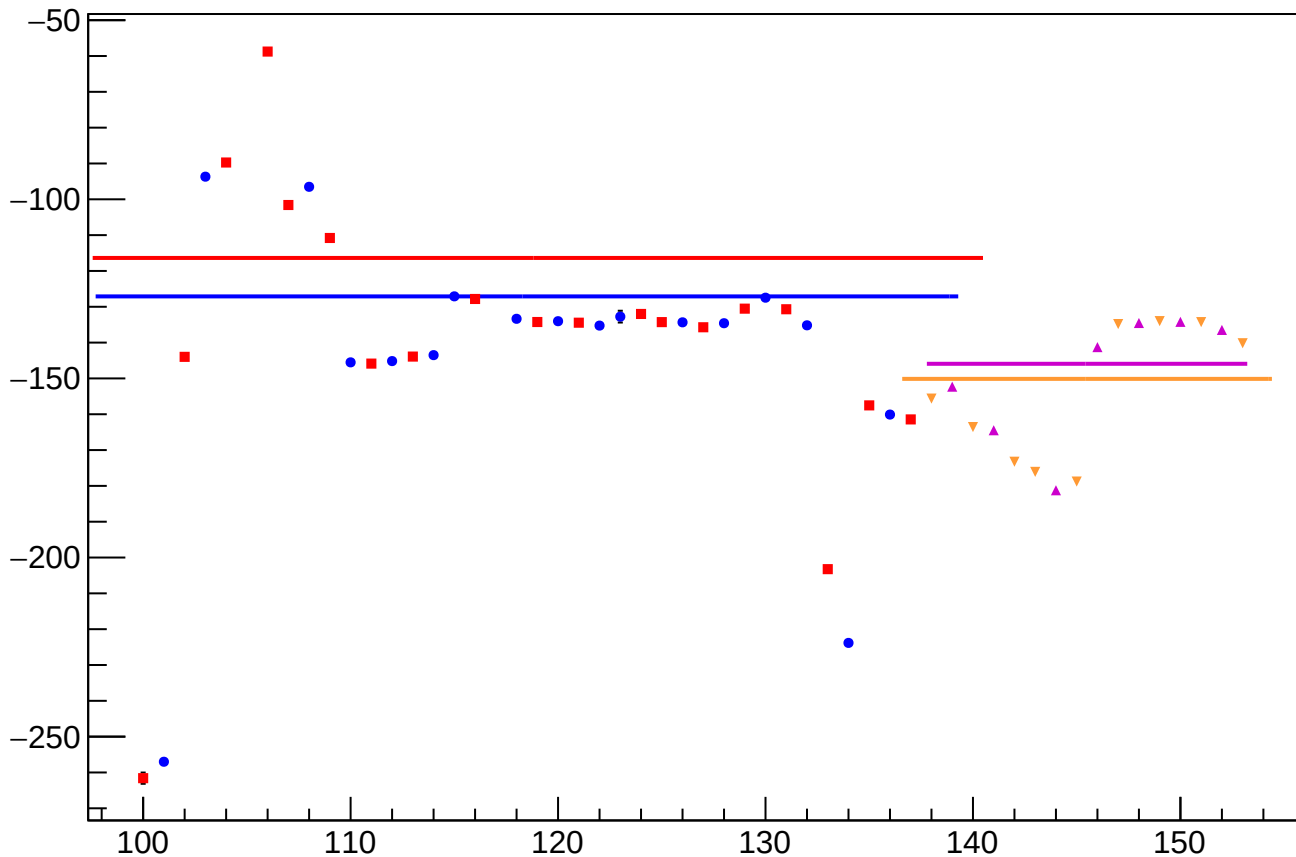
Left In: 41.831 $\pm$ 1.530 χ^2/NDF : 232.0/6

+ sign 56.053 $\pm$ 1.100 χ^2/NDF : 891.9/25

All: 53.128 $\pm$ 0.784 χ^2/NDF : 1691.8/51

- sign 50.113 $\pm$ 1.117 χ^2/NDF : 785.6/25

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -150.127 ± 0.074 $\chi^2/\text{NDF}: 55629.6/8$

Right Out: -116.369 ± 0.083 $\chi^2/\text{NDF}: 167595.6/18$

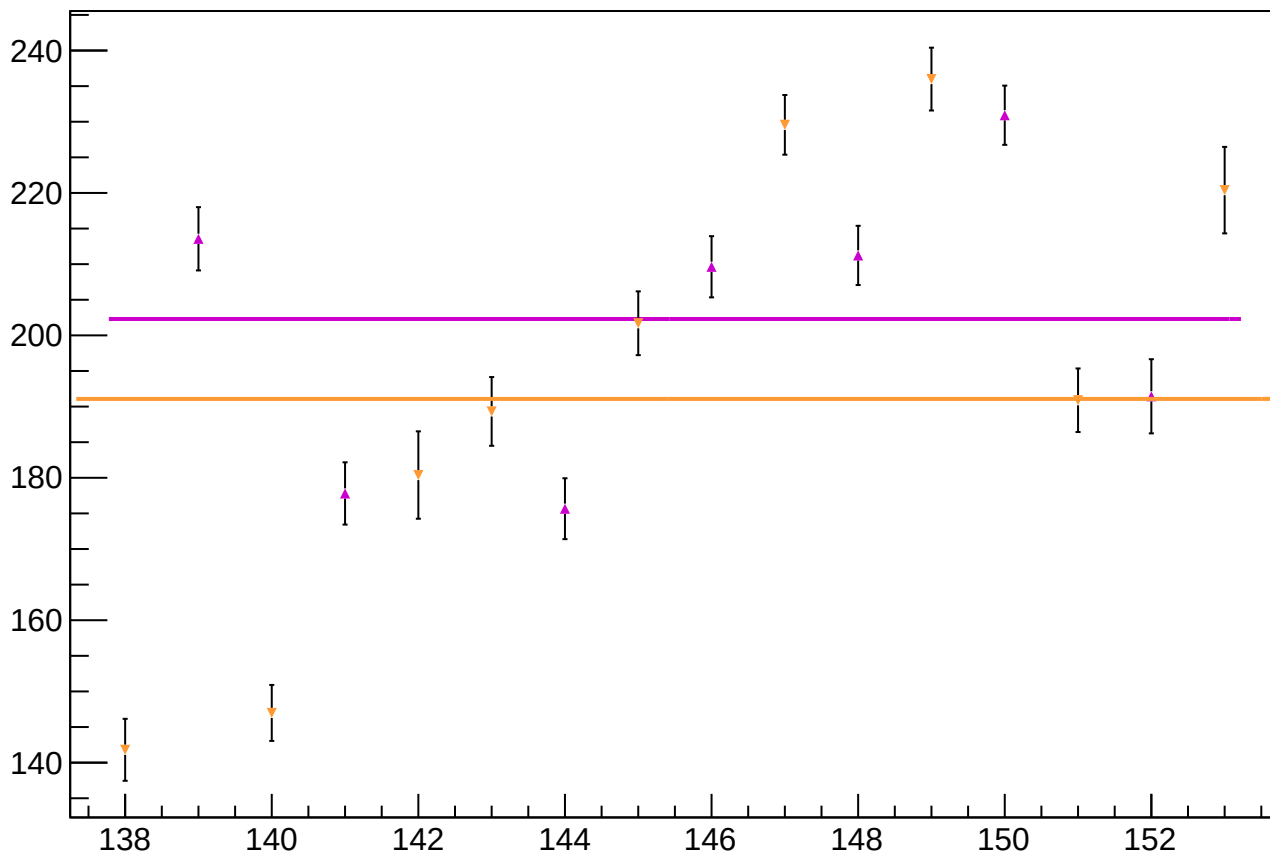
Left In: -145.918 ± 0.077 $\chi^2/\text{NDF}: 37748.3/6$

+ sign -140.777 ± 0.057 $\chi^2/\text{NDF}: 262050.7/25$

All: -136.462 ± 0.040 $\chi^2/\text{NDF}: 546909.0/51$

- sign -132.230 ± 0.056 $\chi^2/\text{NDF}: 273502.0/25$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 191.077+/-1.538 χ^2/NDF : 474.2/8

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

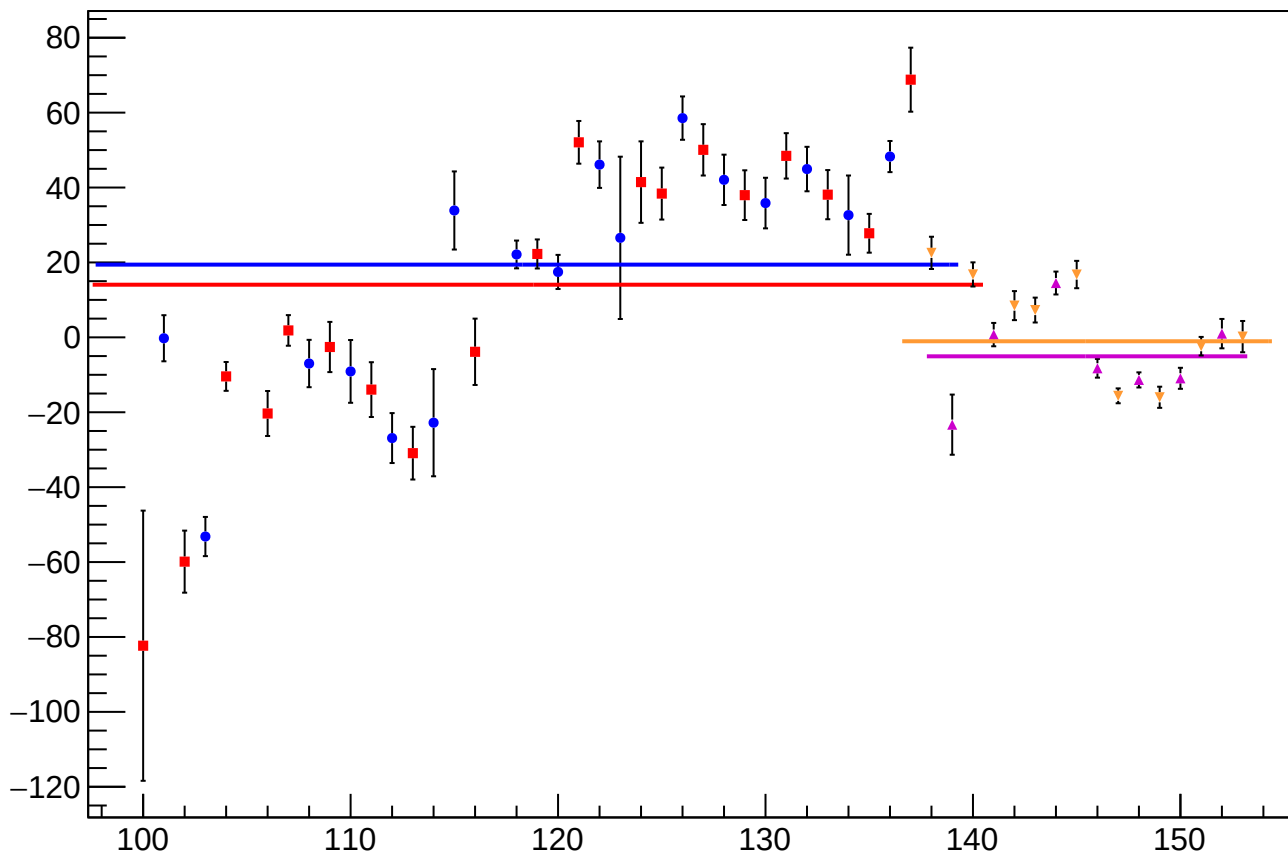
Left In: 202.300+/-1.657 χ^2/NDF : 135.9/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.274+/-1.127 χ^2/NDF : 634.7/15

- 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: -1.046 ± 1.009 χ^2/NDF : 179.1/8

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

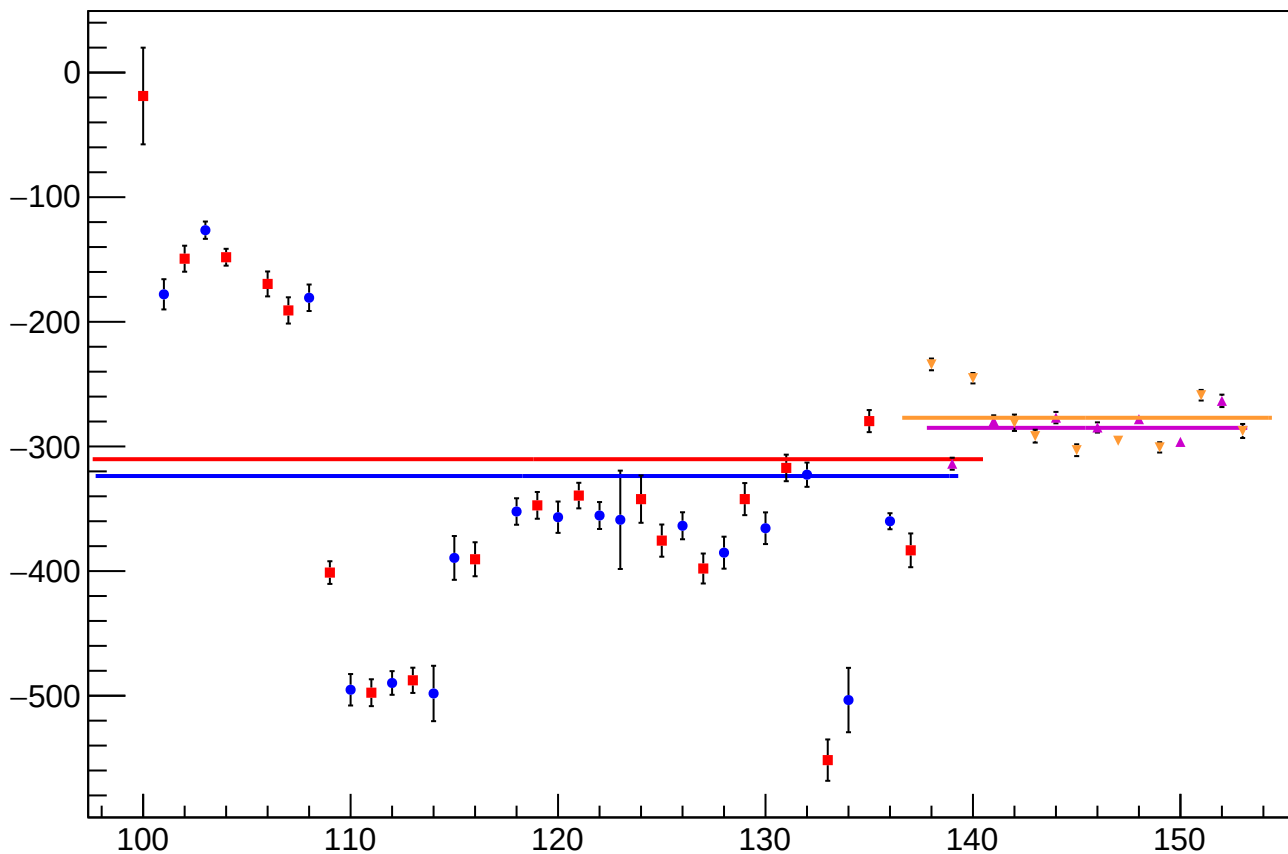
Left In: -5.065 ± 1.102 χ^2/NDF : 67.8/6

+ sign 5.450 ± 0.834 χ^2/NDF : 750.7/25

All: 3.933 ± 0.600 χ^2/NDF : 1377.9/51

- sign 2.303 ± 0.864 χ^2/NDF : 620.3/25

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 $\chi^2/\text{NDF}: 1850.8/16$

Left Out: -276.992 ± 1.547 $\chi^2/\text{NDF}: 255.5/8$

Right Out: -310.223 ± 2.523 $\chi^2/\text{NDF}: 2300.0/18$

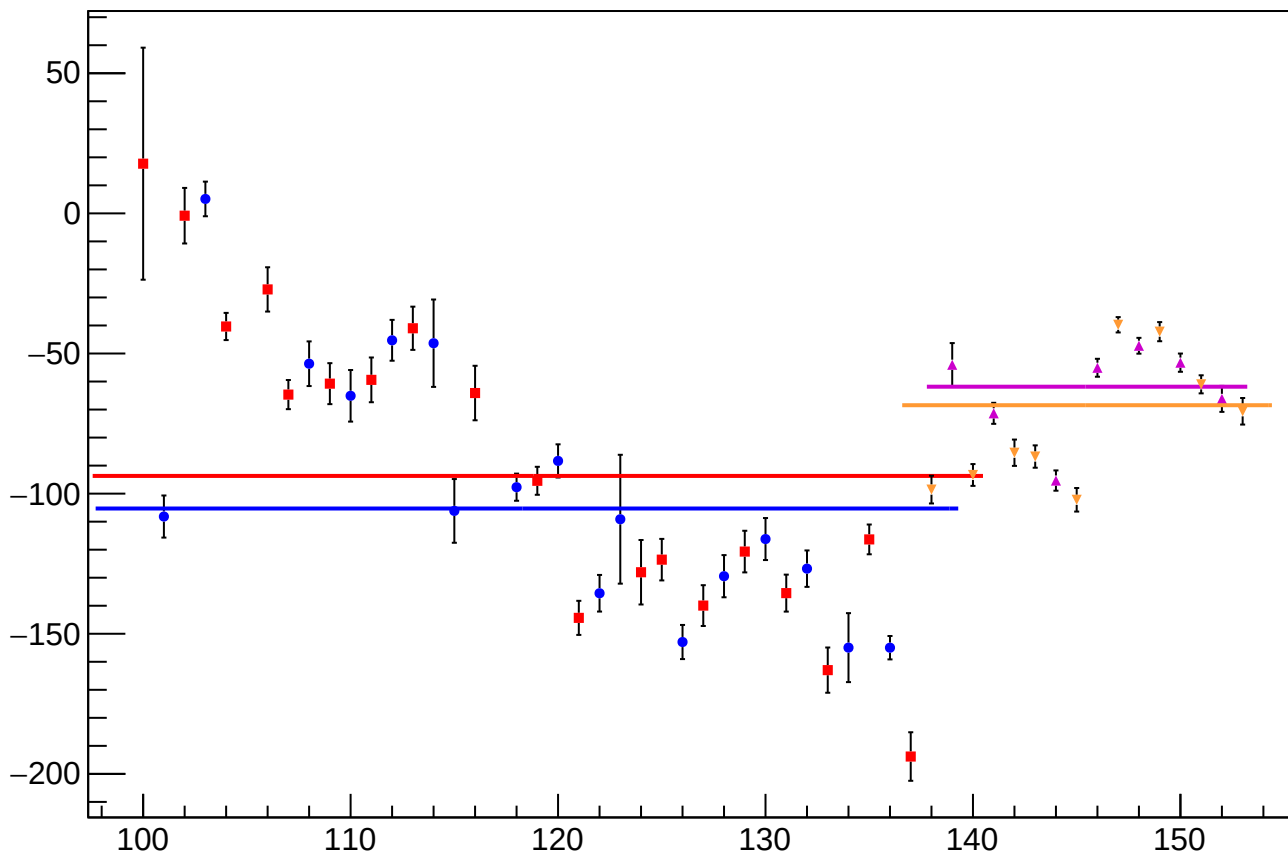
Left In: -285.073 ± 1.647 $\chi^2/\text{NDF}: 70.8/6$

+ sign -288.744 ± 1.338 $\chi^2/\text{NDF}: 2335.9/25$

All: -290.608 ± 0.960 $\chi^2/\text{NDF}: 4780.3/51$

- sign -292.587 ± 1.379 $\chi^2/\text{NDF}: 2440.5/25$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -68.451 ± 1.258 χ^2/NDF : 351.1/8

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

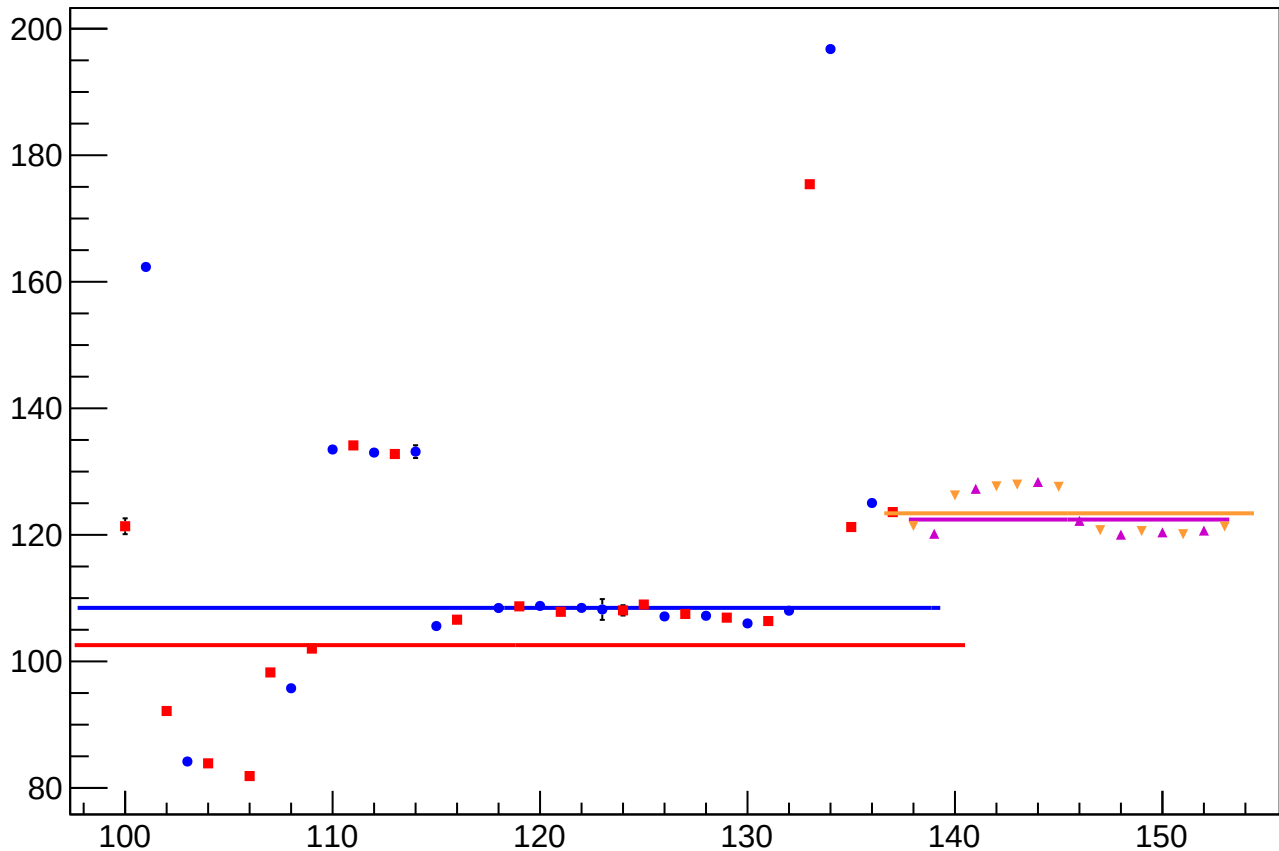
Left In: -61.844 ± 1.376 χ^2/NDF : 132.1/6

+ sign -81.562 ± 1.010 χ^2/NDF : 1393.8/25

All: -78.526 ± 0.727 χ^2/NDF : 2596.9/51

- sign -75.268 ± 1.046 χ^2/NDF : 1184.3/25

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 123.406 ± 0.065 $\chi^2/\text{NDF}: 2480.7/8$

Right Out: 102.570 ± 0.079 $\chi^2/\text{NDF}: 53143.8/18$

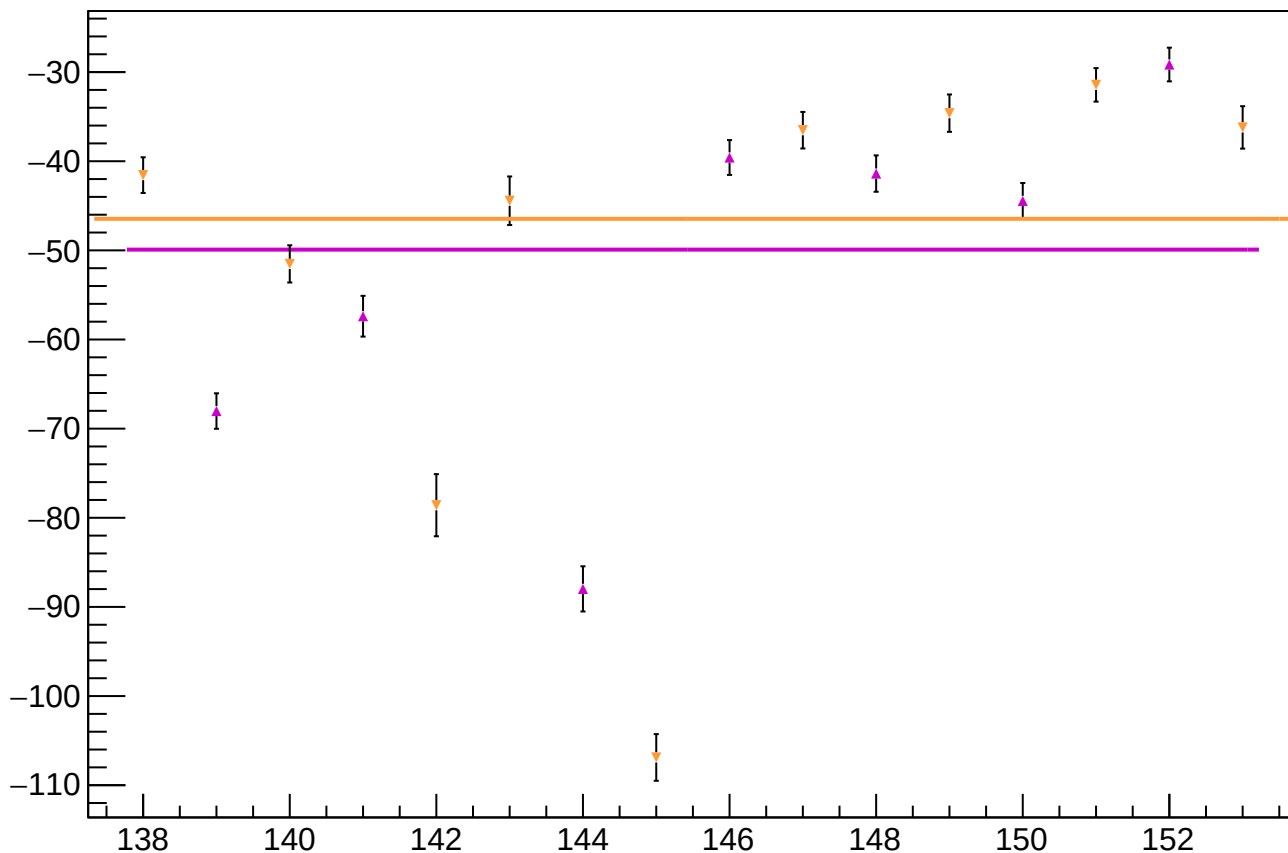
Left In: 122.419 ± 0.068 $\chi^2/\text{NDF}: 2159.3/6$

+ sign 117.906 ± 0.051 $\chi^2/\text{NDF}: 95450.6/25$

All: 115.952 ± 0.037 $\chi^2/\text{NDF}: 189483.3/51$

- sign 113.961 ± 0.052 $\chi^2/\text{NDF}: 91113.8/25$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -46.460+/-0.752 χ^2/NDF : 767.5/8

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

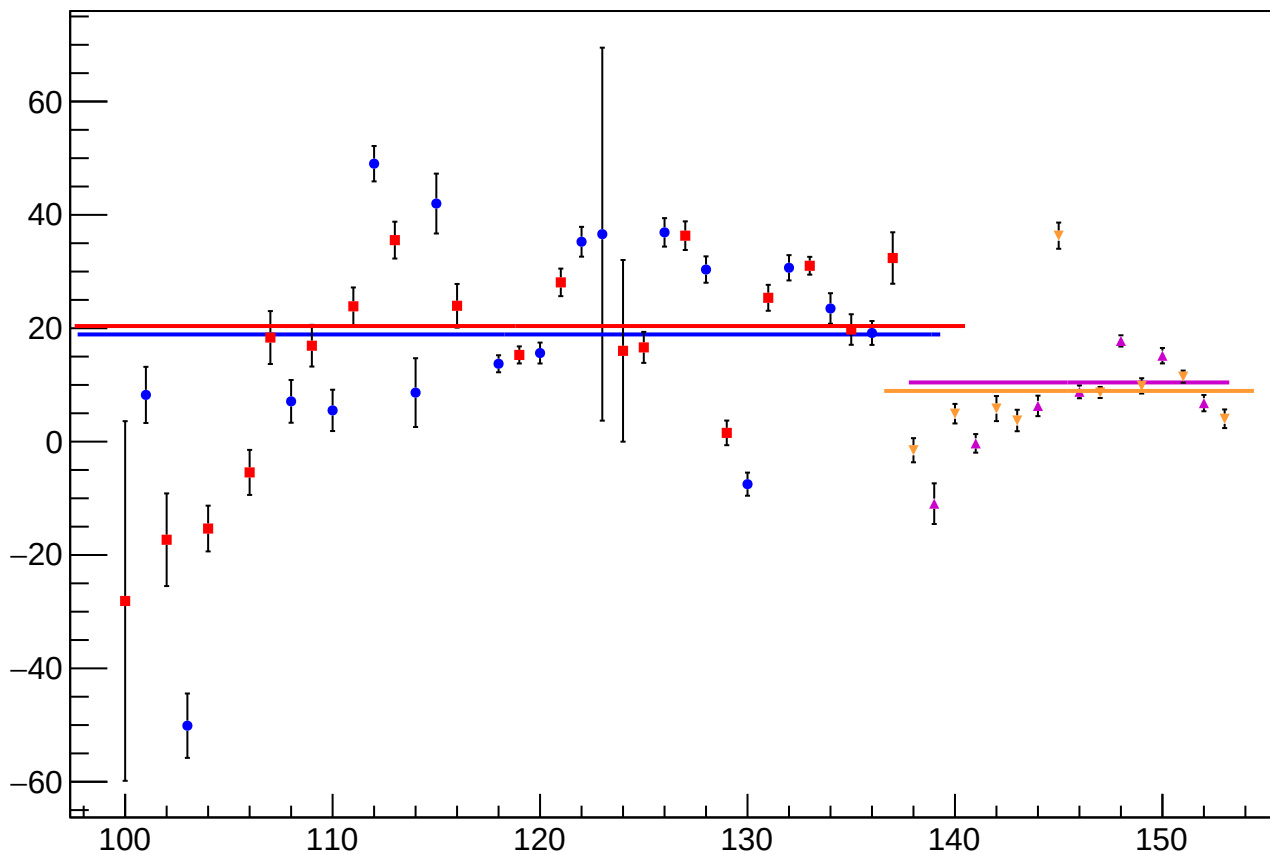
Left In: -49.916+/-0.784 χ^2/NDF : 492.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.118+/-0.543 χ^2/NDF : 1270.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 8.942 ± 0.495 χ^2/NDF : 194.7/8

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

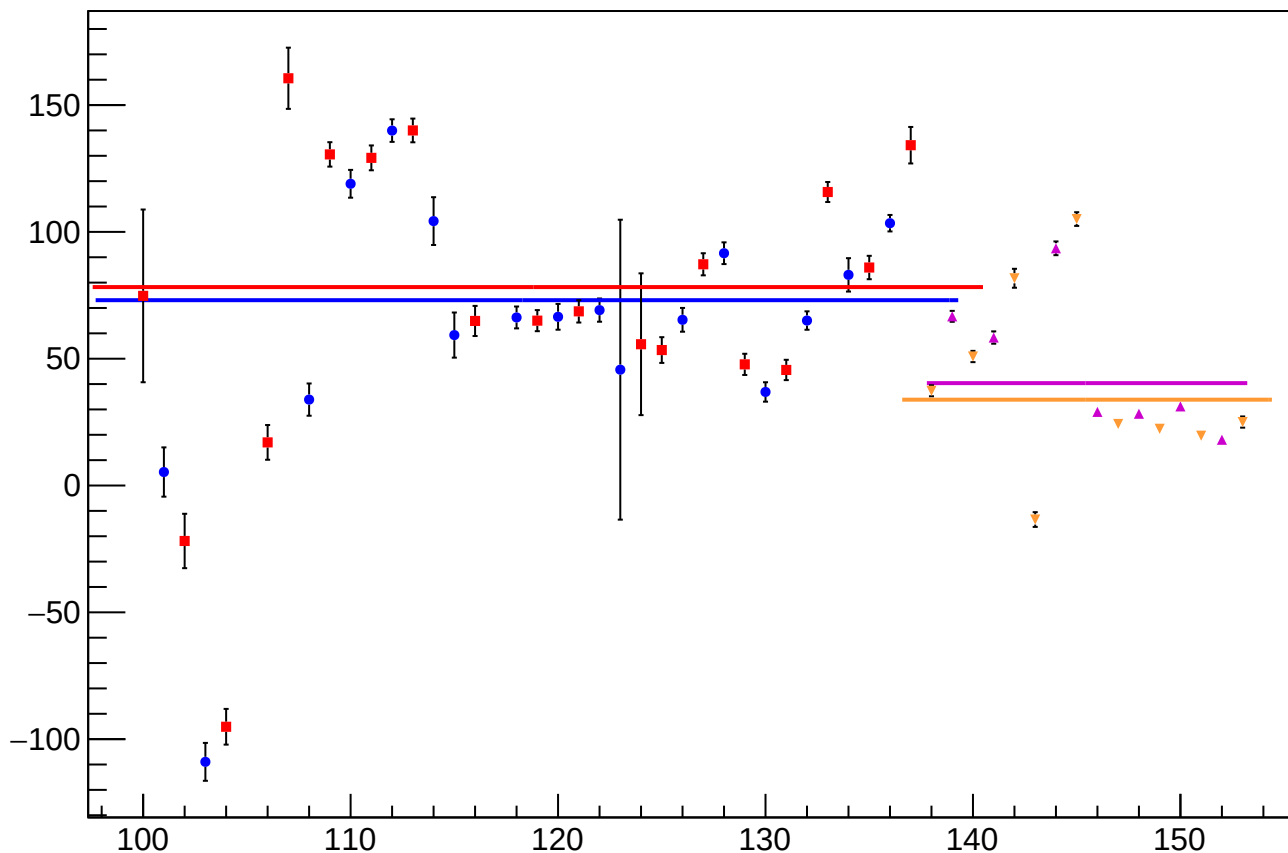
Left In: 10.439 ± 0.529 χ^2/NDF : 158.9/6

+ sign 12.644 ± 0.392 χ^2/NDF : 964.3/25

All: 13.511 ± 0.283 χ^2/NDF : 1641.1/51

- sign 14.453 ± 0.409 χ^2/NDF : 666.7/25

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 33.845 $\pm$ 0.748 χ^2 /NDF:1321.1/8

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

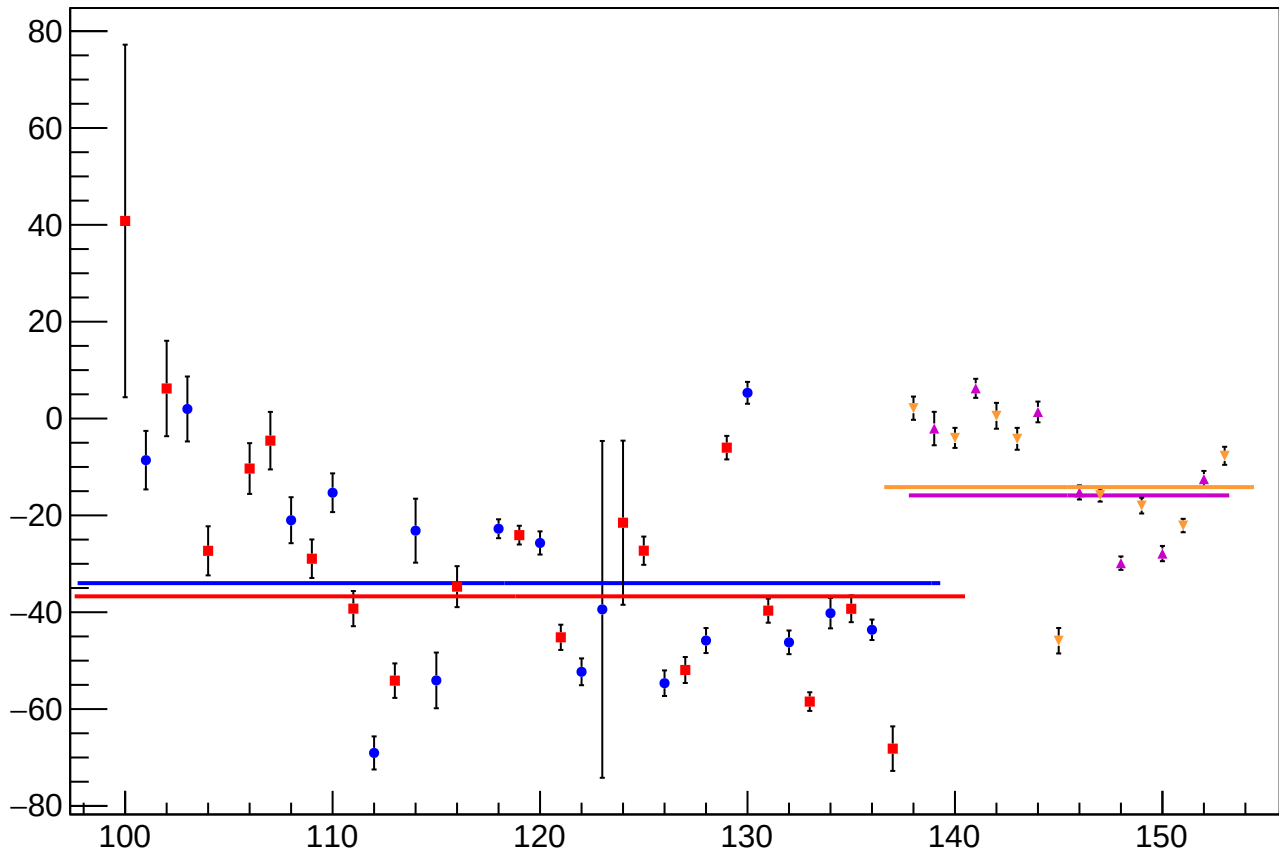
Left In: 40.371 $\pm$ 0.774 χ^2 /NDF:840.8/6

+ sign 44.461 $\pm$ 0.639 χ^2 /NDF: 3265.5/25

All: 47.756 $\pm$ 0.457 χ^2 /NDF: 6388.4/51

- sign 51.212 $\pm$ 0.654 χ^2 /NDF: 3068.3/25

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -14.160 ± 0.617 χ^2/NDF : 317.2/8

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

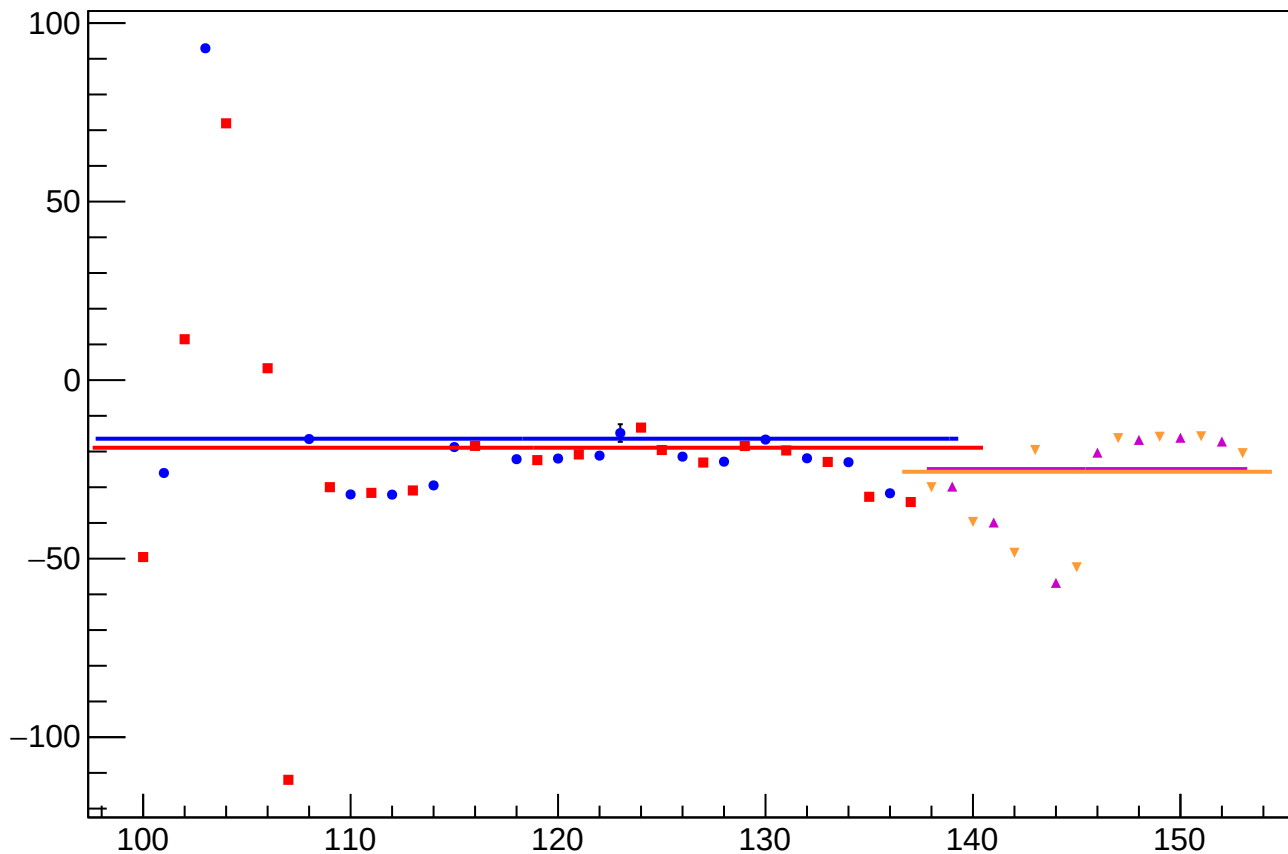
Left In: -15.874 ± 0.659 χ^2/NDF : 371.1/6

+ sign -22.338 ± 0.473 χ^2/NDF : 1463.3/25

All: -23.687 ± 0.341 χ^2/NDF : 2838.8/51

- sign -25.144 ± 0.491 χ^2/NDF : 1358.5/25

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -25.667 ± 0.031 $\chi^2/\text{NDF}: 156736.4/8$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

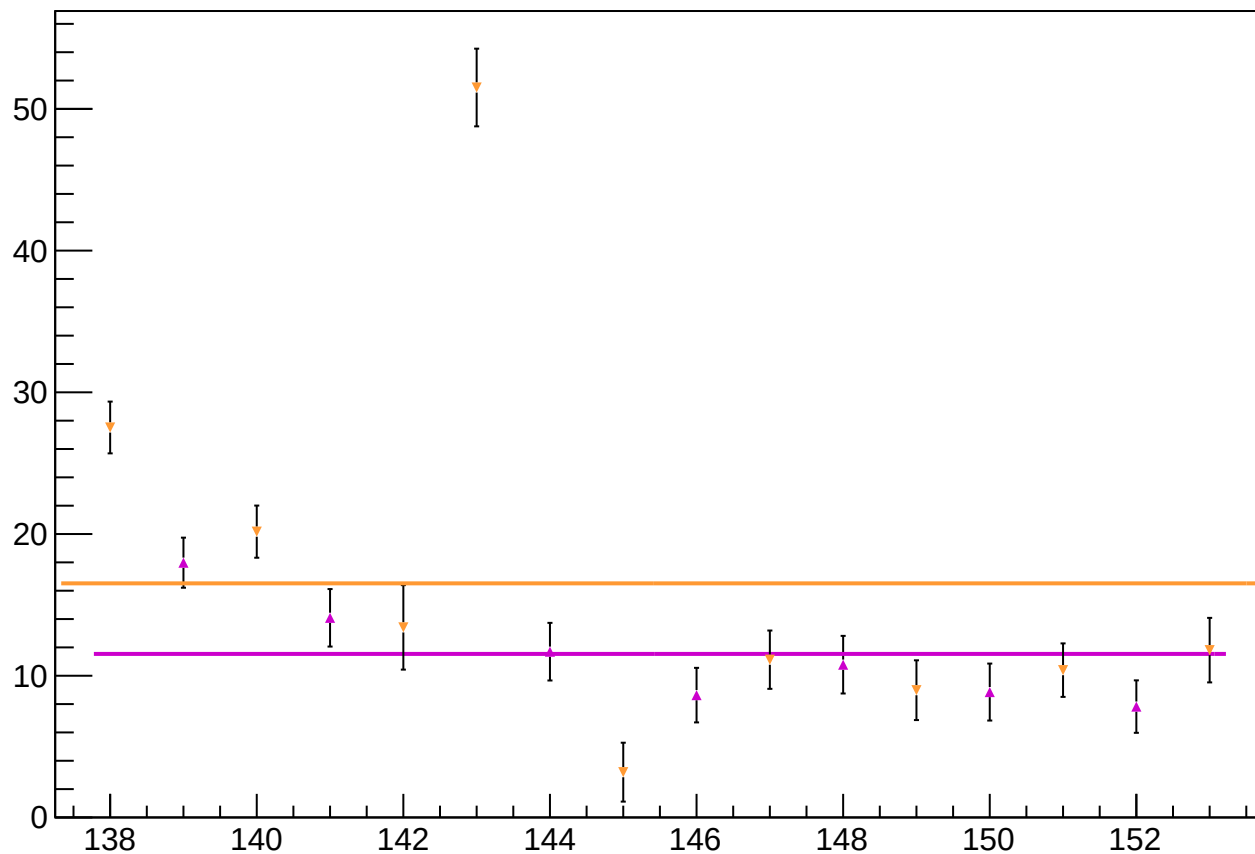
Left In: -24.913 ± 0.032 $\chi^2/\text{NDF}: 135305.8/6$

+ sign -22.633 ± 0.025 $\chi^2/\text{NDF}: 660315.6/25$

All: -22.772 ± 0.018 $\chi^2/\text{NDF}: 1241472.9/51$

- sign -22.918 ± 0.026 $\chi^2/\text{NDF}: 581096.4/25$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 16.519+/-0.706 χ^2/NDF :279.7/8

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

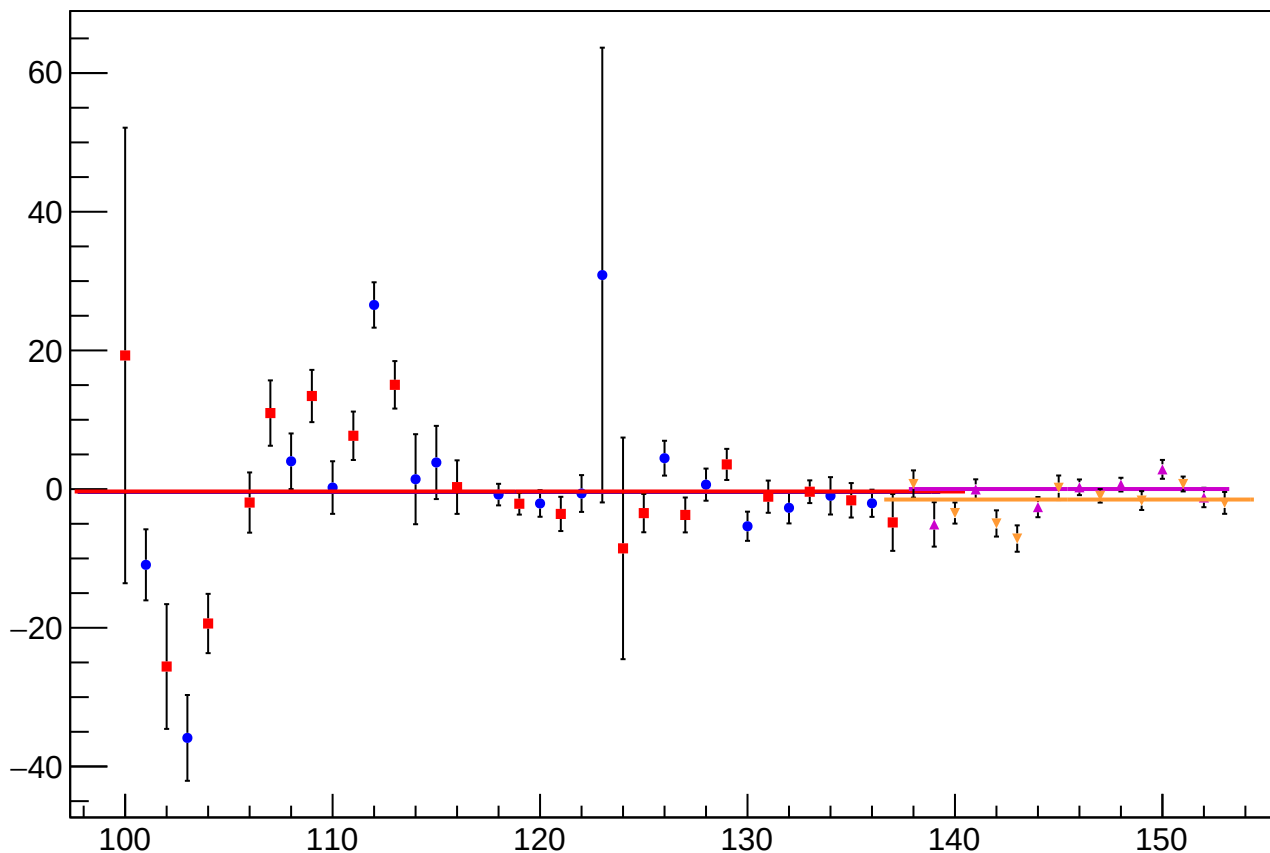
Left In: 11.540+/-0.734 χ^2/NDF :23.1/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.127+/-0.509 χ^2/NDF : 326.7/15

- 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: -1.503 ± 0.475 χ^2/NDF : 20.7/8

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

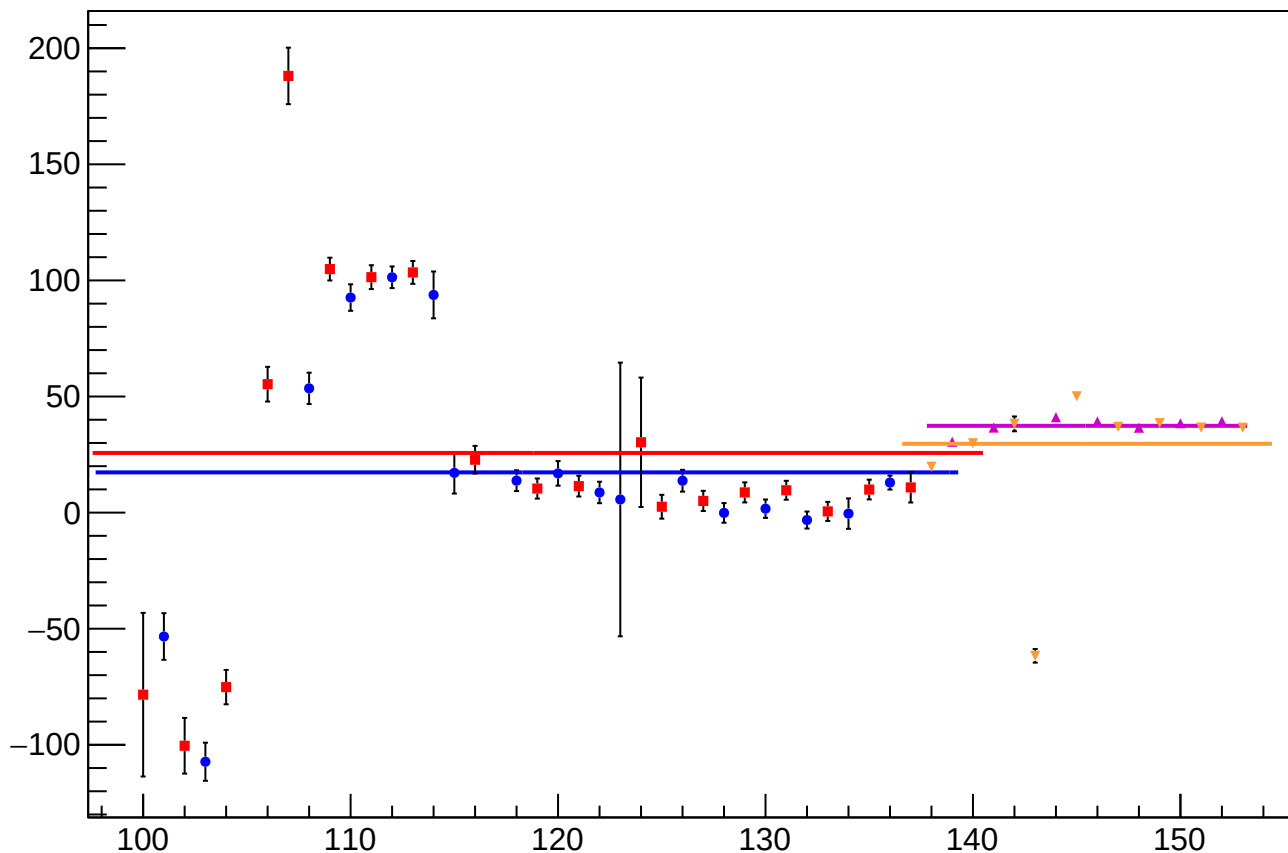
Left In: 0.012 ± 0.507 χ^2/NDF : 11.3/6

+ sign -1.126 ± 0.384 χ^2/NDF : 142.4/25

All: -0.645 ± 0.278 χ^2/NDF : 240.9/51

- sign -0.120 ± 0.401 χ^2/NDF : 95.2/25

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328 ± 1.239 $\chi^2/\text{NDF}: 943.2/16$

Left Out: 29.643 ± 0.707 $\chi^2/\text{NDF}: 1154.8/8$

Right Out: 25.701 ± 1.243 $\chi^2/\text{NDF}: 1379.1/18$

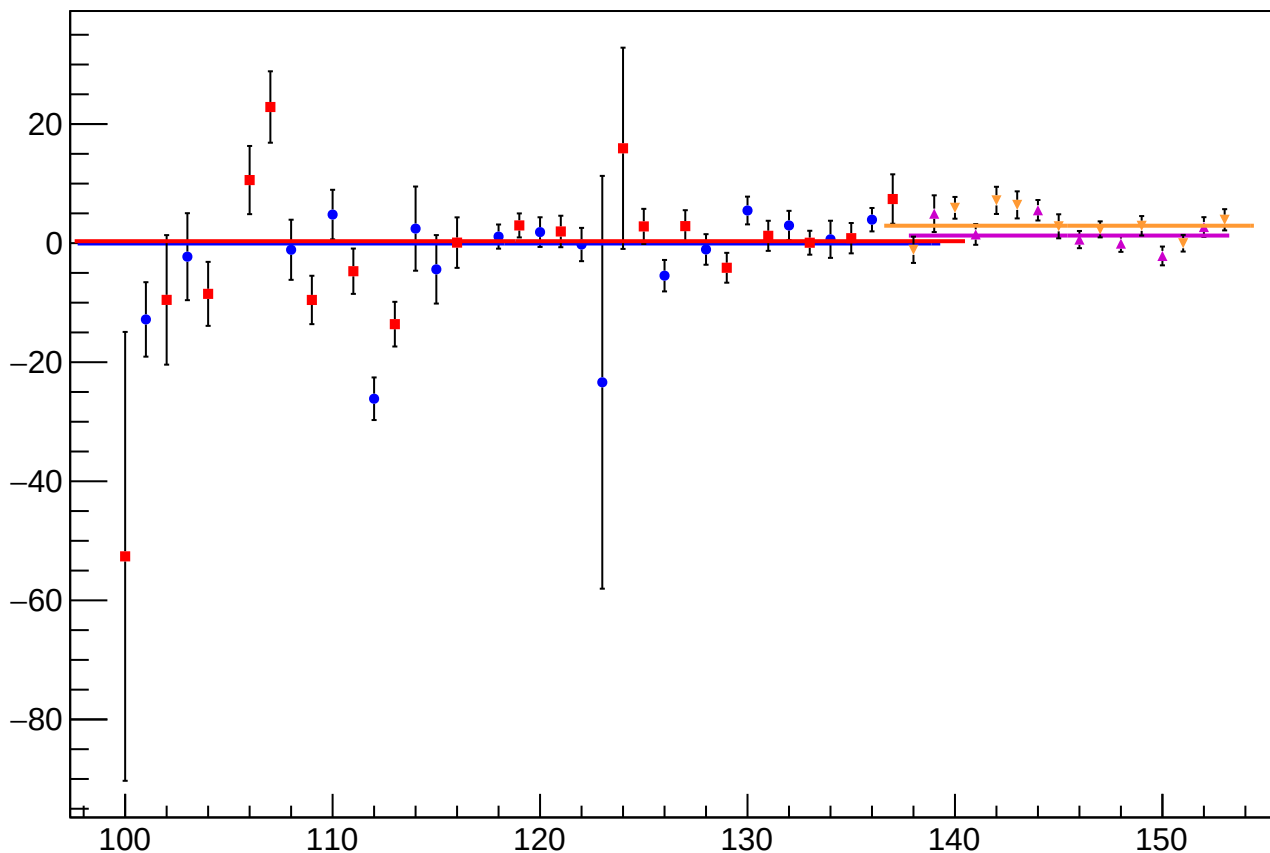
Left In: 37.387 ± 0.731 $\chi^2/\text{NDF}: 18.7/6$

+ sign 26.615 ± 0.614 $\chi^2/\text{NDF}: 2172.5/25$

All: 30.399 ± 0.440 $\chi^2/\text{NDF}: 3713.9/51$

- sign 34.382 ± 0.630 $\chi^2/\text{NDF}: 1463.5/25$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.926 ± 0.589 χ^2/NDF : 16.9/8

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

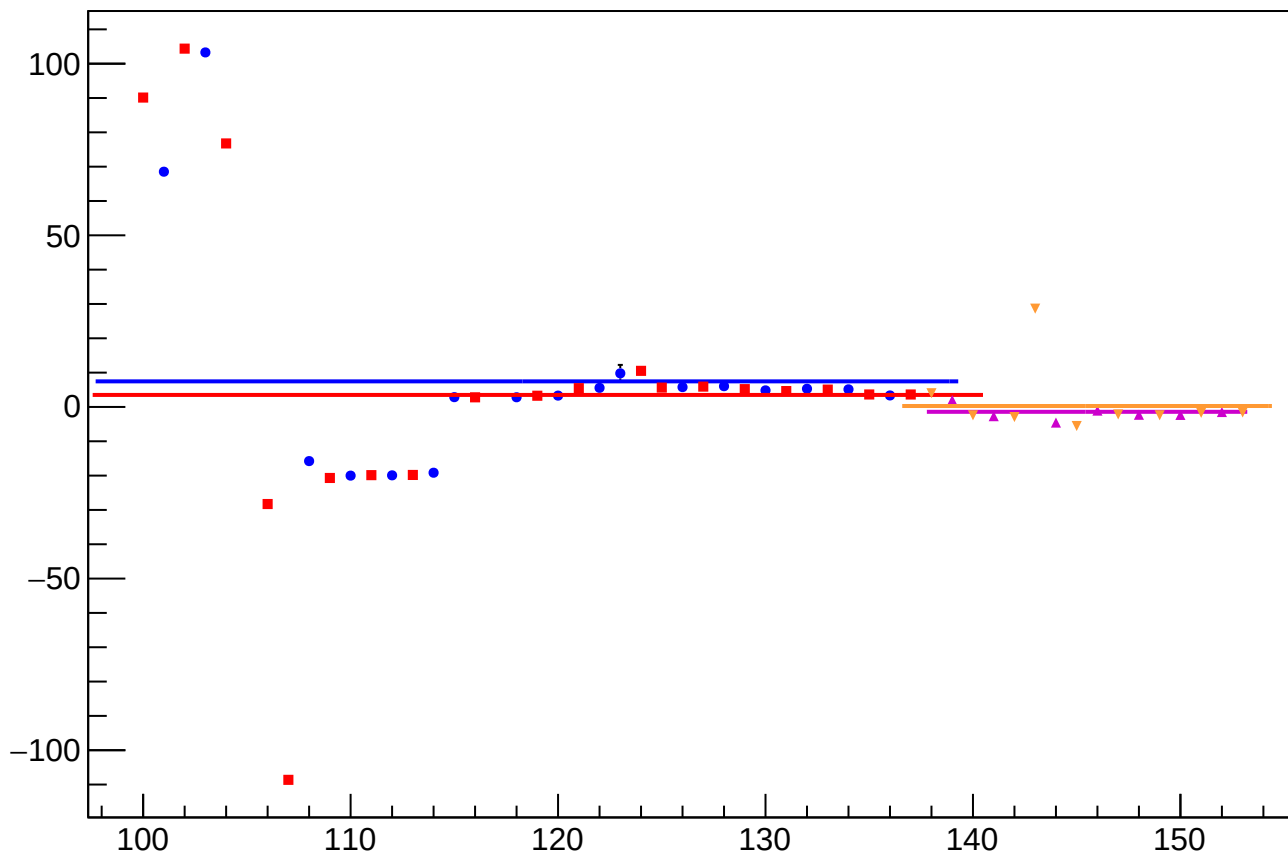
Left In: 1.272 ± 0.628 χ^2/NDF : 14.2/6

+ sign 1.776 ± 0.461 χ^2/NDF : 103.3/25

All: 1.348 ± 0.333 χ^2/NDF : 175.3/51

- sign 0.882 ± 0.481 χ^2/NDF : 70.2/25

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 $\pm$ 0.044 χ^2 /NDF: 356053.3/16

Left Out: 0.277 $\pm$ 0.029 χ^2 /NDF: 70280.7/8

Right Out: 3.502 $\pm$ 0.046 χ^2 /NDF: 510579.7/18

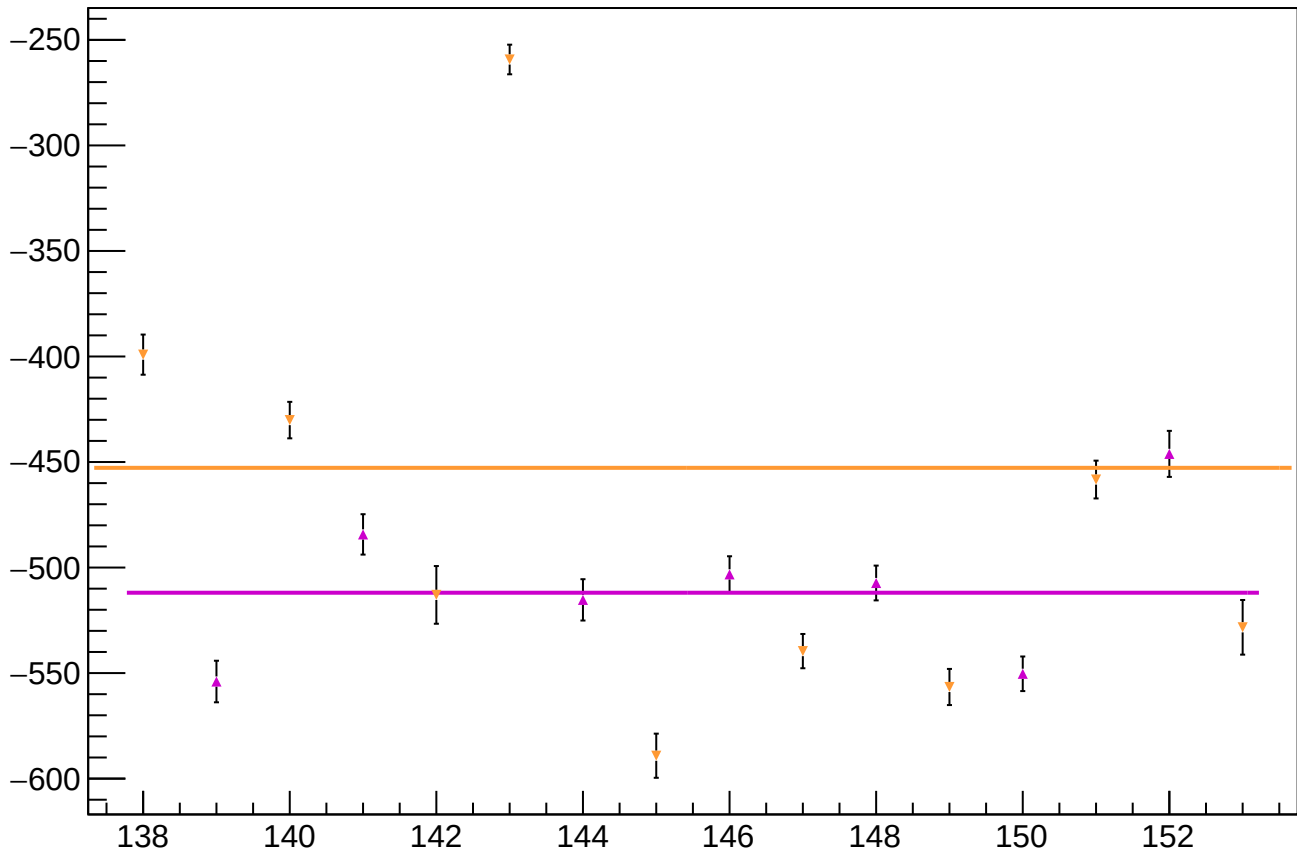
Left In: -1.419 $\pm$ 0.030 χ^2 /NDF: 4132.6/6

+ sign 2.437 $\pm$ 0.024 χ^2 /NDF: 444584.3/25

All: 1.293 $\pm$ 0.017 χ^2 /NDF: 971958.2/51

- sign 0.078 $\pm$ 0.025 χ^2 /NDF: 522833.5/25

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -452.754+/-3.064 χ^2/NDF :1284.0/8

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

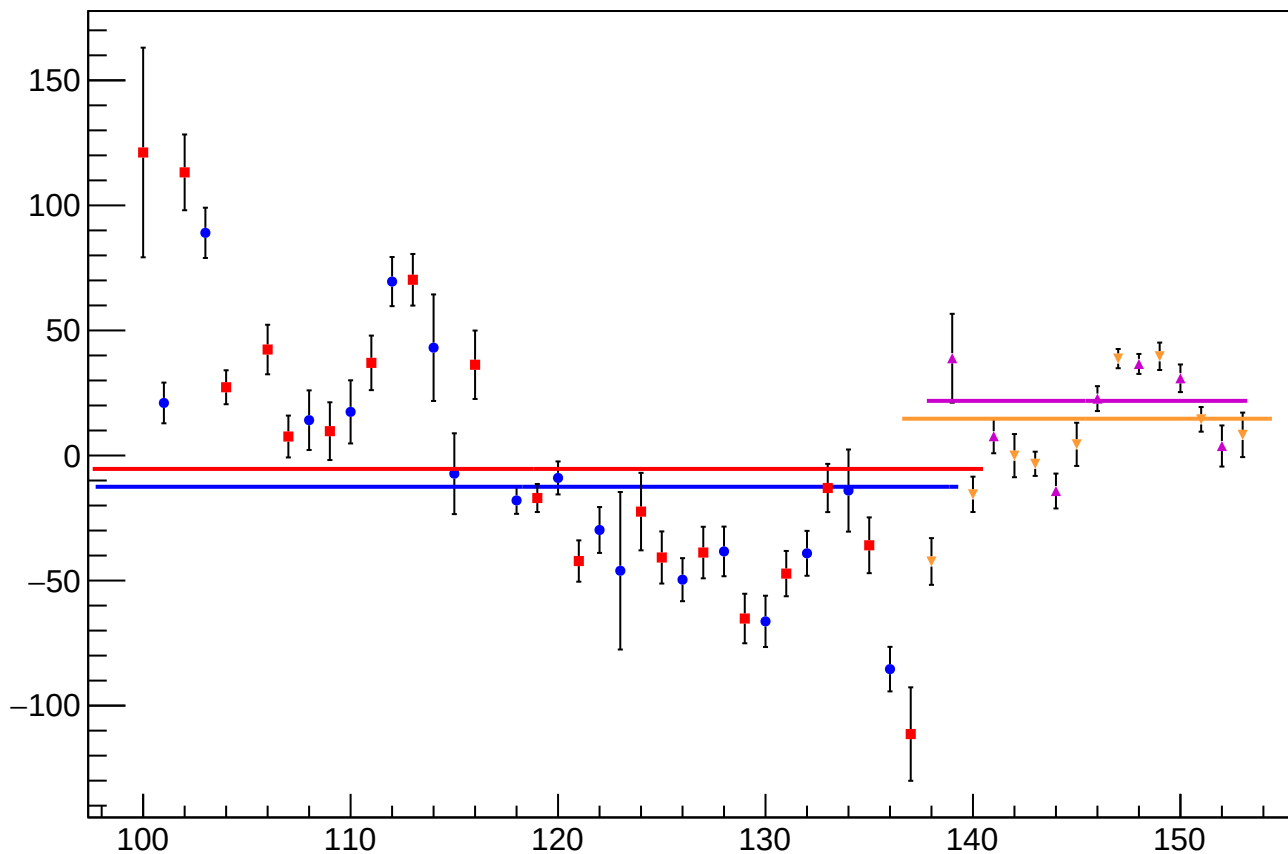
Left In: -511.928+/-3.465 χ^2/NDF :86.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.723+/-2.296 χ^2/NDF : 1534.1/15

- 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: 14.710 ± 1.977 χ^2/NDF : 134.2/8

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

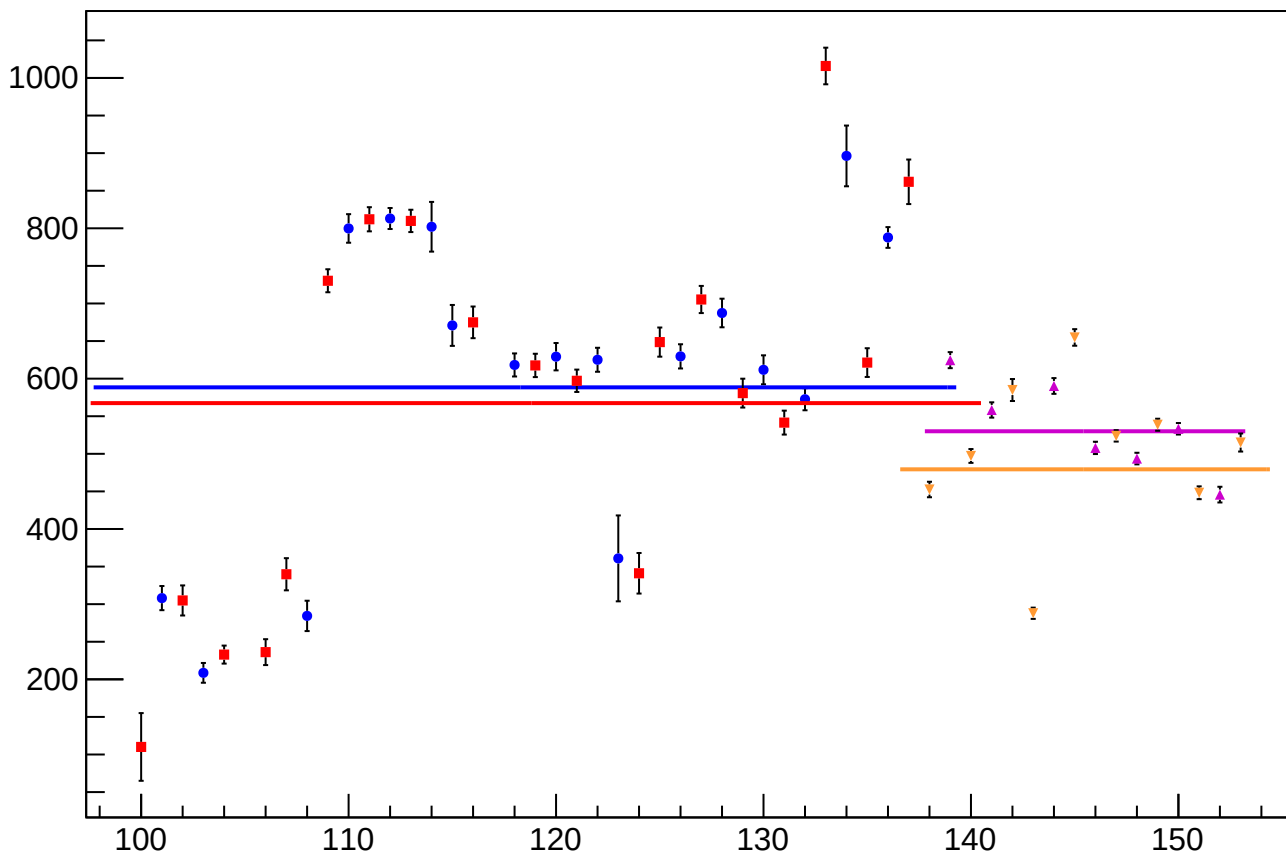
Left In: 21.849 ± 2.259 χ^2/NDF : 53.1/6

+ sign 3.210 ± 1.502 χ^2/NDF : 555.3/25

All: 5.586 ± 1.095 χ^2/NDF : 1030.8/51

- sign 8.278 ± 1.599 χ^2/NDF : 470.1/25

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 ± 4.320 $\chi^2/\text{NDF}: 2130.2/16$

Left Out: 479.368 ± 3.077 $\chi^2/\text{NDF}: 1080.9/8$

Right Out: 567.451 ± 4.137 $\chi^2/\text{NDF}: 2784.8/18$

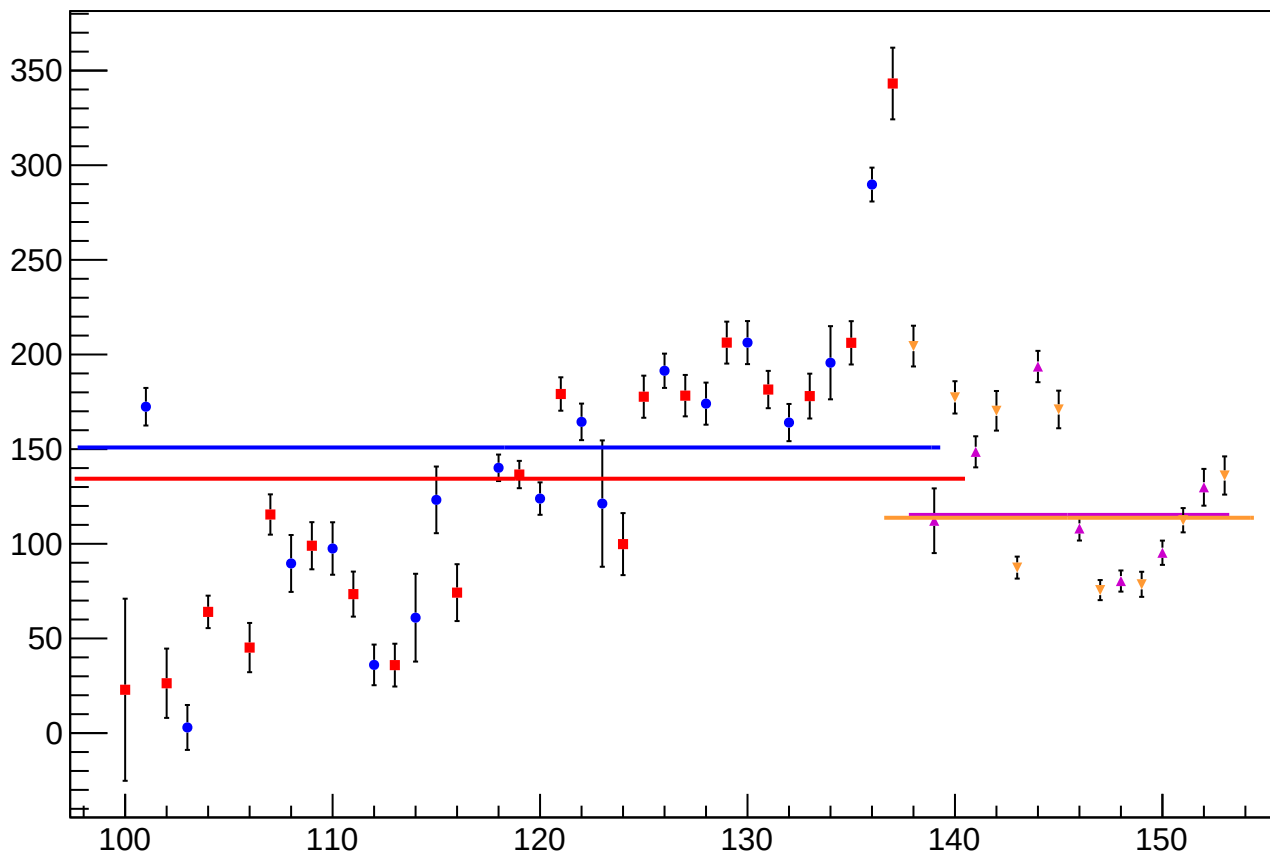
Left In: 529.998 ± 3.421 $\chi^2/\text{NDF}: 214.2/6$

+ sign 516.063 ± 2.506 $\chi^2/\text{NDF}: 3633.8/25$

All: 529.899 ± 1.816 $\chi^2/\text{NDF}: 6745.7/51$

- sign 545.210 ± 2.636 $\chi^2/\text{NDF}: 3047.7/25$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 113.753 ± 2.471 $\chi^2/\text{NDF}: 294.4/8$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

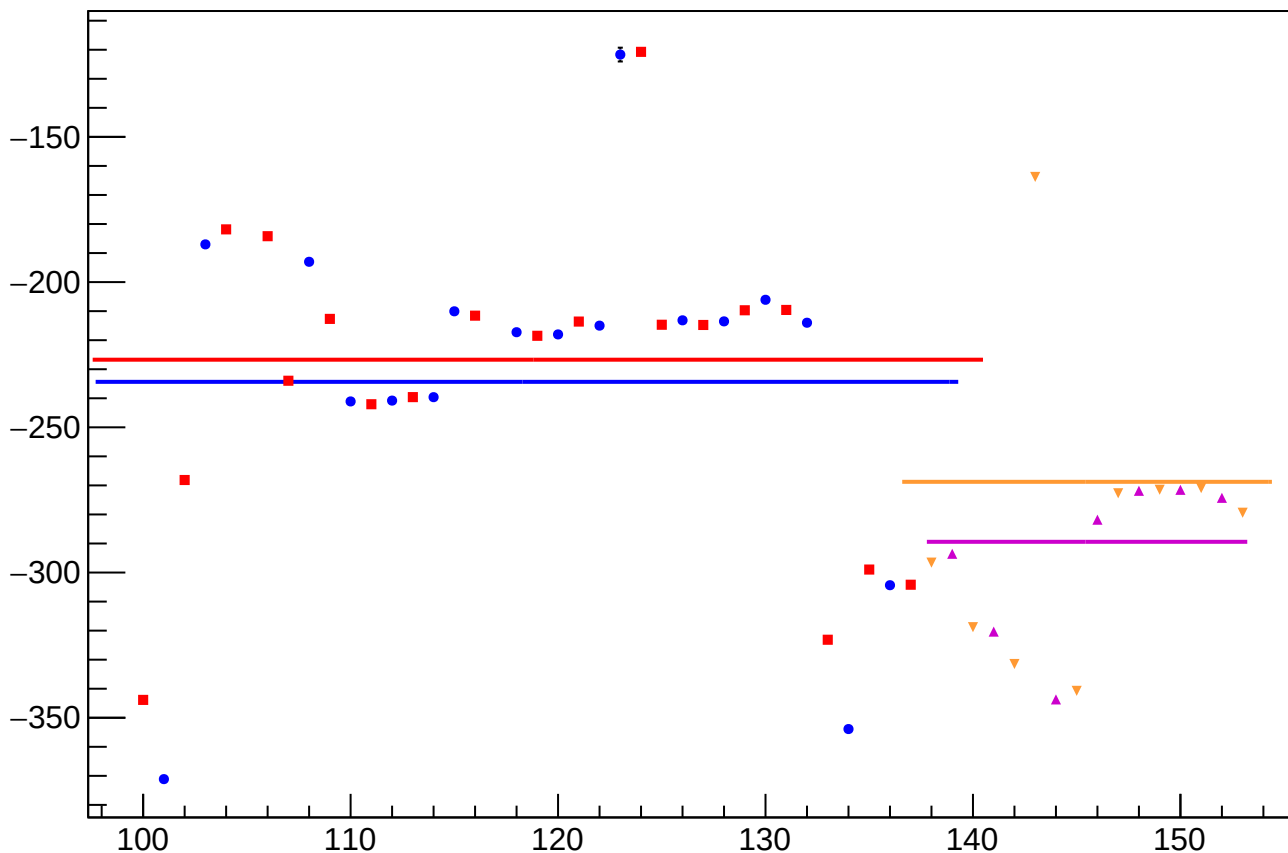
Left In: 115.263 ± 2.834 $\chi^2/\text{NDF}: 158.7/6$

+ sign 130.864 ± 1.815 $\chi^2/\text{NDF}: 1033.2/25$

All: 128.371 ± 1.320 $\chi^2/\text{NDF}: 1805.3/51$

- sign 125.571 ± 1.924 $\chi^2/\text{NDF}: 768.1/25$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2 /NDF: 145165.1/16

Left Out: -268.763+/-0.129 χ^2 /NDF: 181599.8/8

Right Out: -226.716+/-0.141 χ^2 /NDF: 99440.4/18

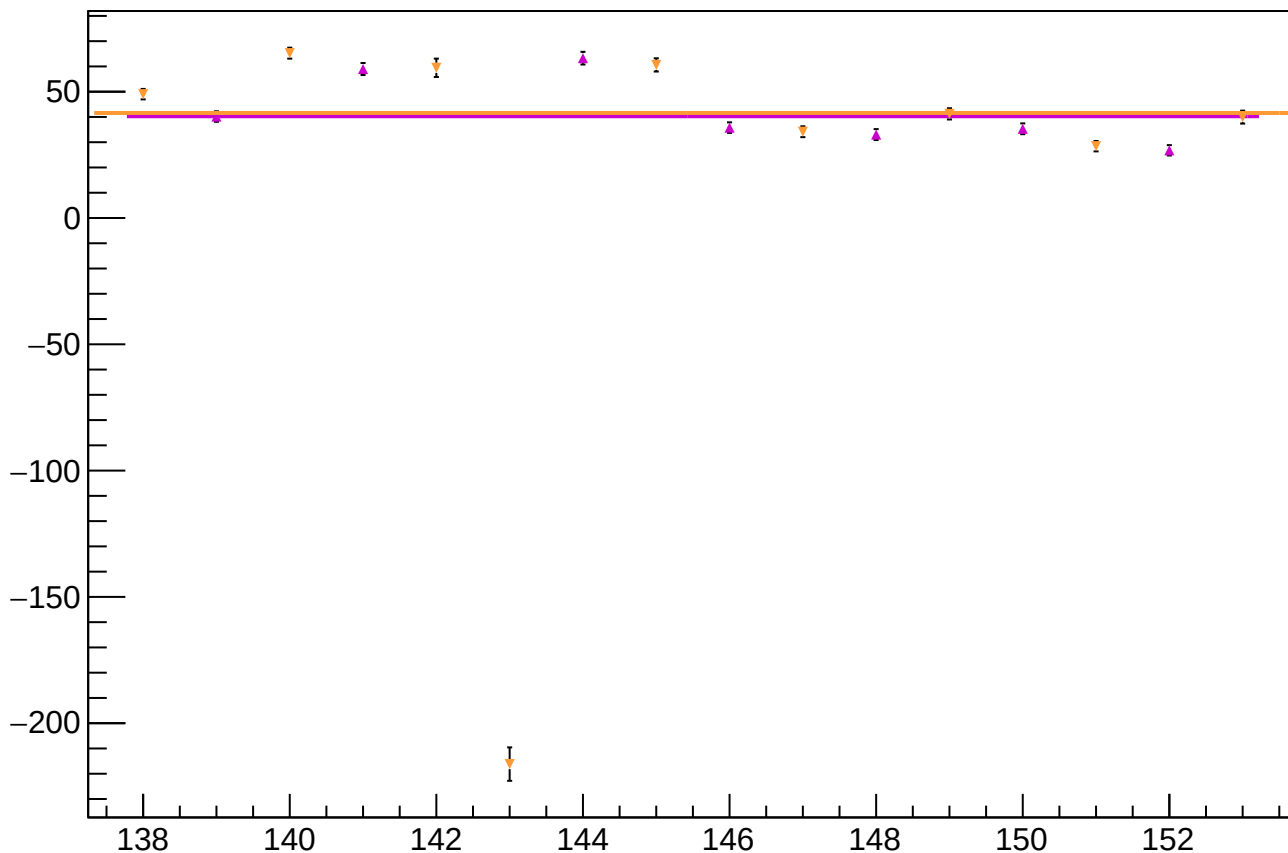
Left In: -289.418+/-0.143 χ^2 /NDF: 27350.5/6

+ sign -253.946+/-0.097 χ^2 /NDF: 357448.0/25

All: -255.774+/-0.070 χ^2 /NDF: 582311.0/51

- sign -257.724+/-0.100 χ^2 /NDF: 224133.8/25

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.575 $\pm$ 0.817 χ^2 /NDF:1781.4/8

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

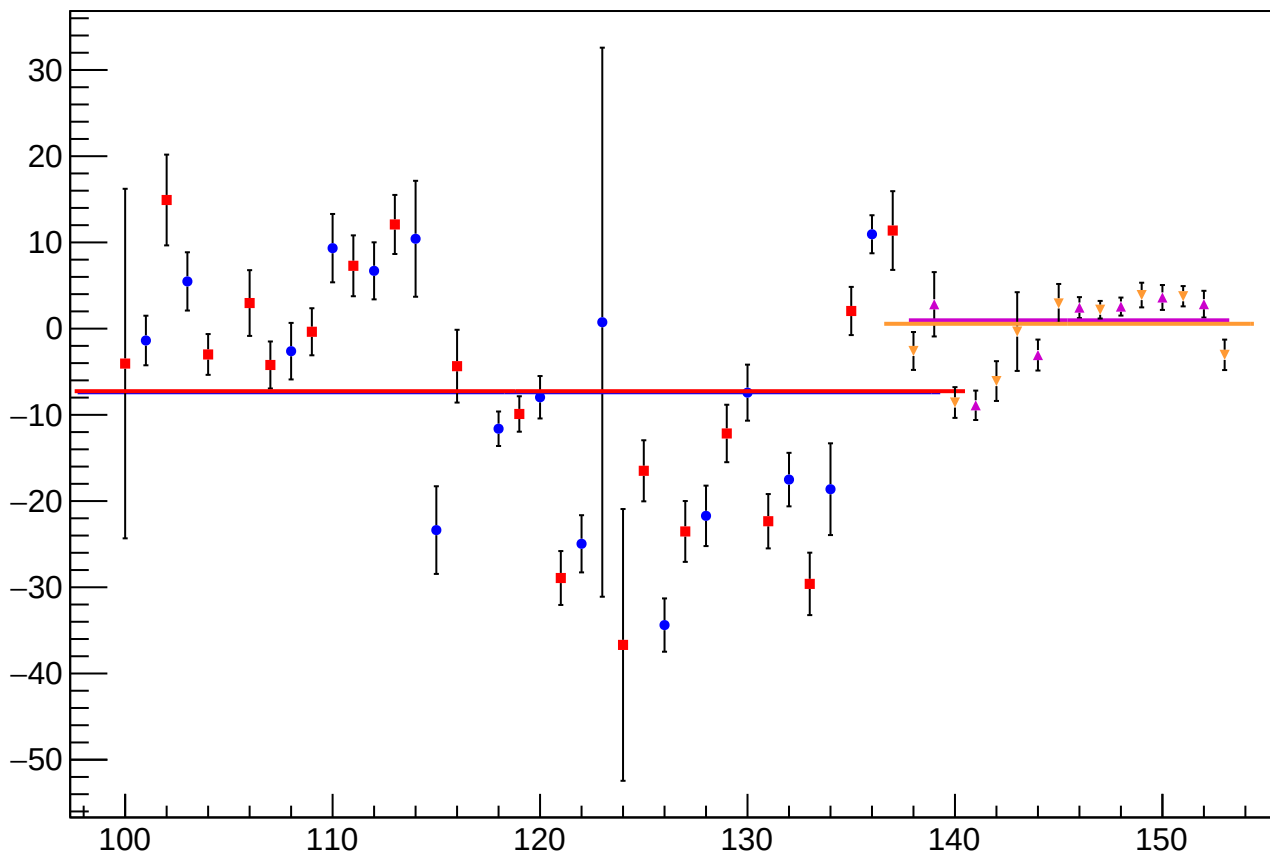
Left In: 40.281 $\pm$ 0.824 χ^2 /NDF:210.2/6

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

All: 40.933 $\pm$ 0.580 χ^2 /NDF: 1992.8/15

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

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: 0.561 ± 0.539 χ^2/NDF : 57.2/8

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

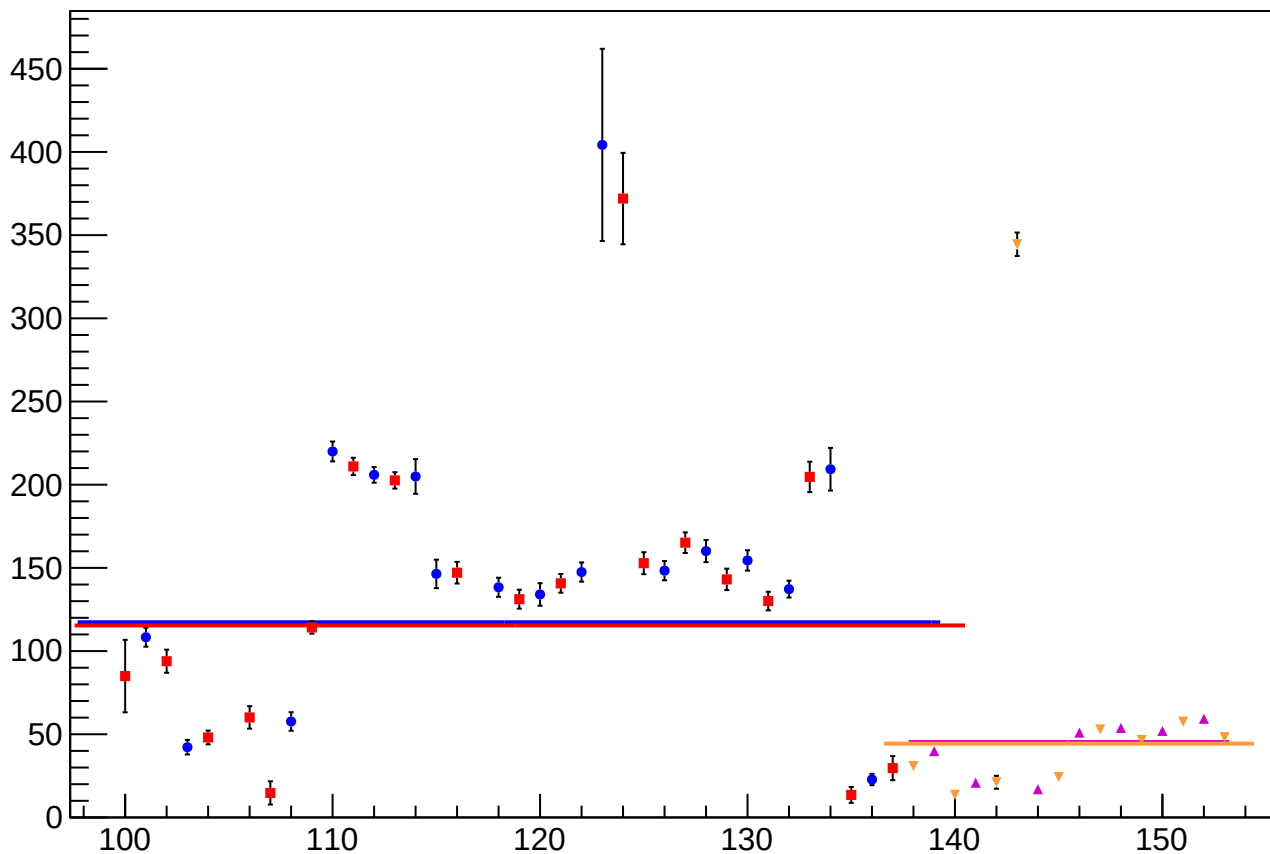
Left In: 0.964 ± 0.558 χ^2/NDF : 47.3/6

+ sign -2.010 ± 0.443 χ^2/NDF : 411.2/25

All: -1.958 ± 0.316 χ^2/NDF : 791.6/51

- sign -1.905 ± 0.450 χ^2/NDF : 380.4/25

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2/NDF : 2161.3/16

Left Out: 44.372 $\pm$ 0.811 χ^2/NDF :2178.5/8

Right Out: 115.405 $\pm$ 1.361 χ^2/NDF : 2150.5/18

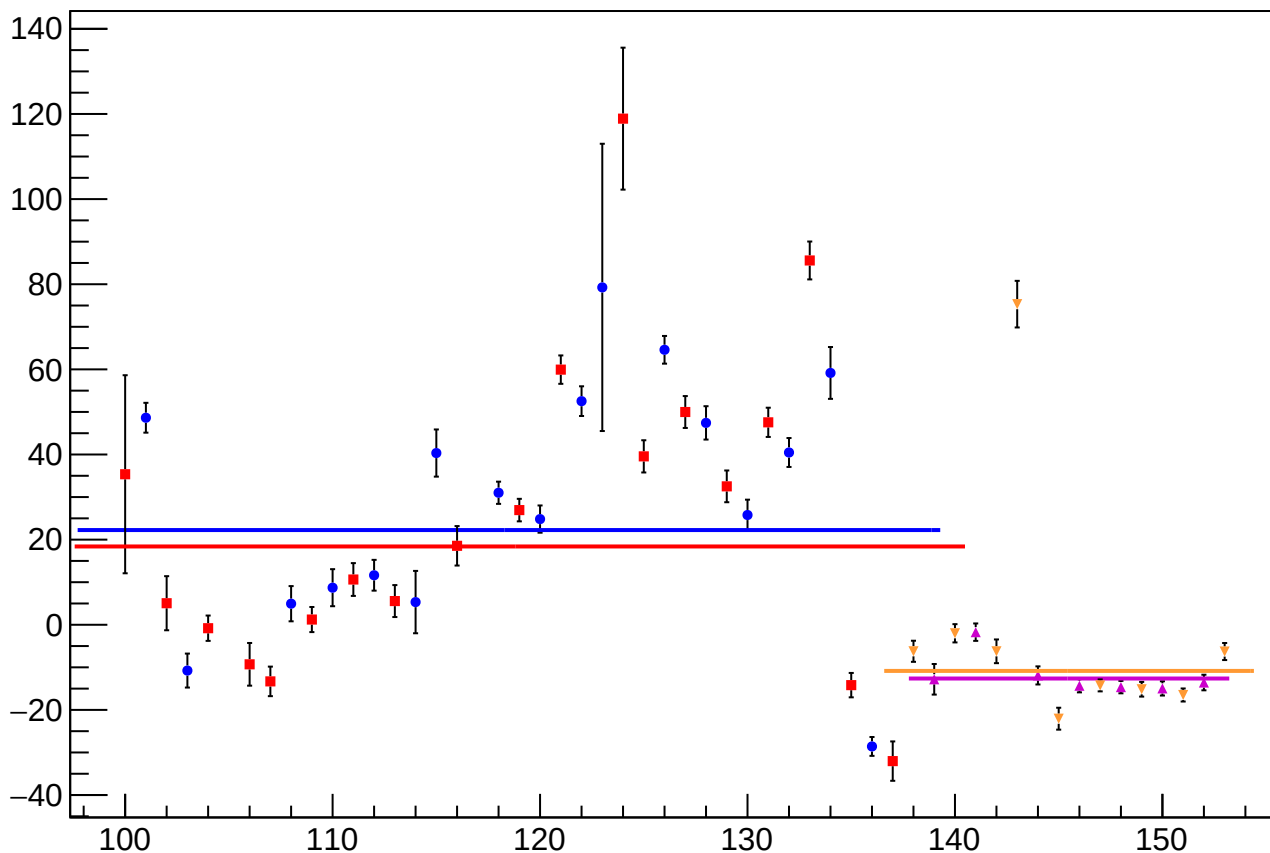
Left In: 45.334 $\pm$ 0.816 χ^2/NDF :298.3/6

+ sign 62.533 $\pm$ 0.703 χ^2/NDF : 6353.0/25

All: 63.201 $\pm$ 0.496 χ^2/NDF : 10754.5/51

- sign 63.863 $\pm$ 0.700 χ^2/NDF : 4399.7/25

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 +/- 0.889 χ^2/NDF : 1071.4/16

Left Out: -10.841 +/- 0.672 χ^2/NDF : 320.7/8

Right Out: 18.395 +/- 0.872 χ^2/NDF : 1077.1/18

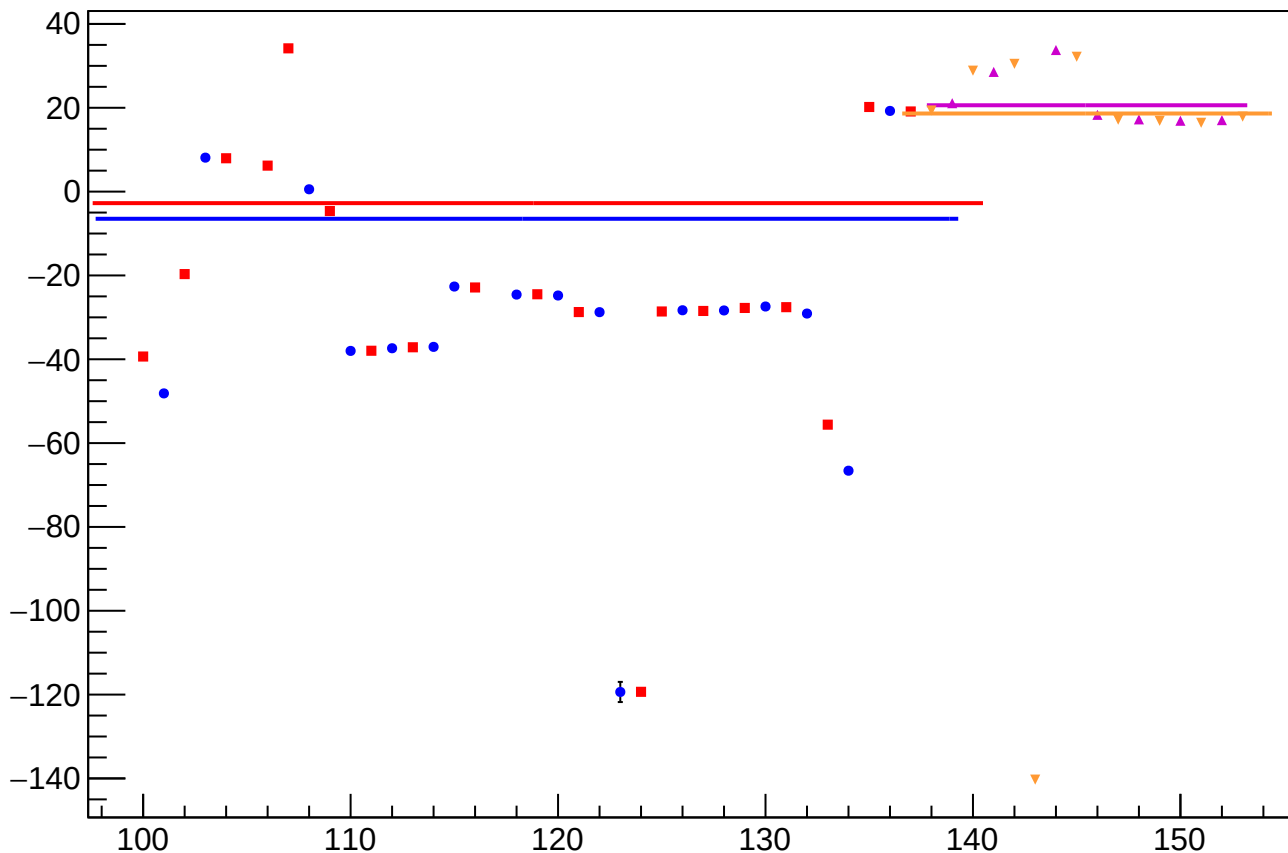
Left In: -12.628 +/- 0.695 χ^2/NDF : 33.7/6

+ sign 1.198 +/- 0.536 χ^2/NDF : 2273.3/25

All: 0.320 +/- 0.382 χ^2/NDF : 4164.2/51

- sign -0.581 +/- 0.543 χ^2/NDF : 1885.4/25

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 18.633 ± 0.034 χ^2/NDF : 348553.3/8

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

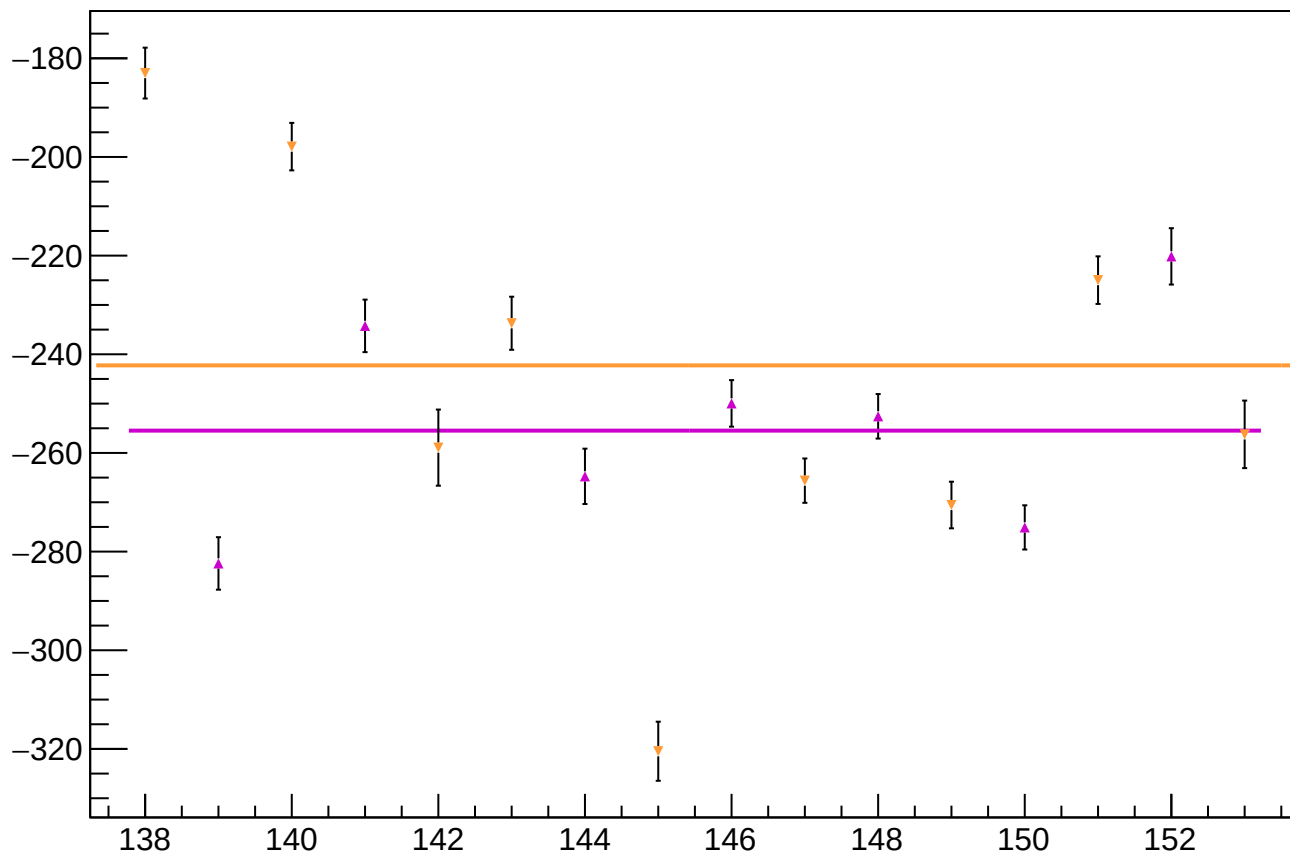
Left In: 20.601 ± 0.034 χ^2/NDF : 24732.2/6

+ sign 9.915 ± 0.027 χ^2/NDF : 807602.4/25

All: 11.144 ± 0.019 χ^2/NDF : 1271893.7/51

- sign 12.367 ± 0.027 χ^2/NDF : 460215.5/25

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -242.250+/-1.772 χ^2/NDF : 474.6/8

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

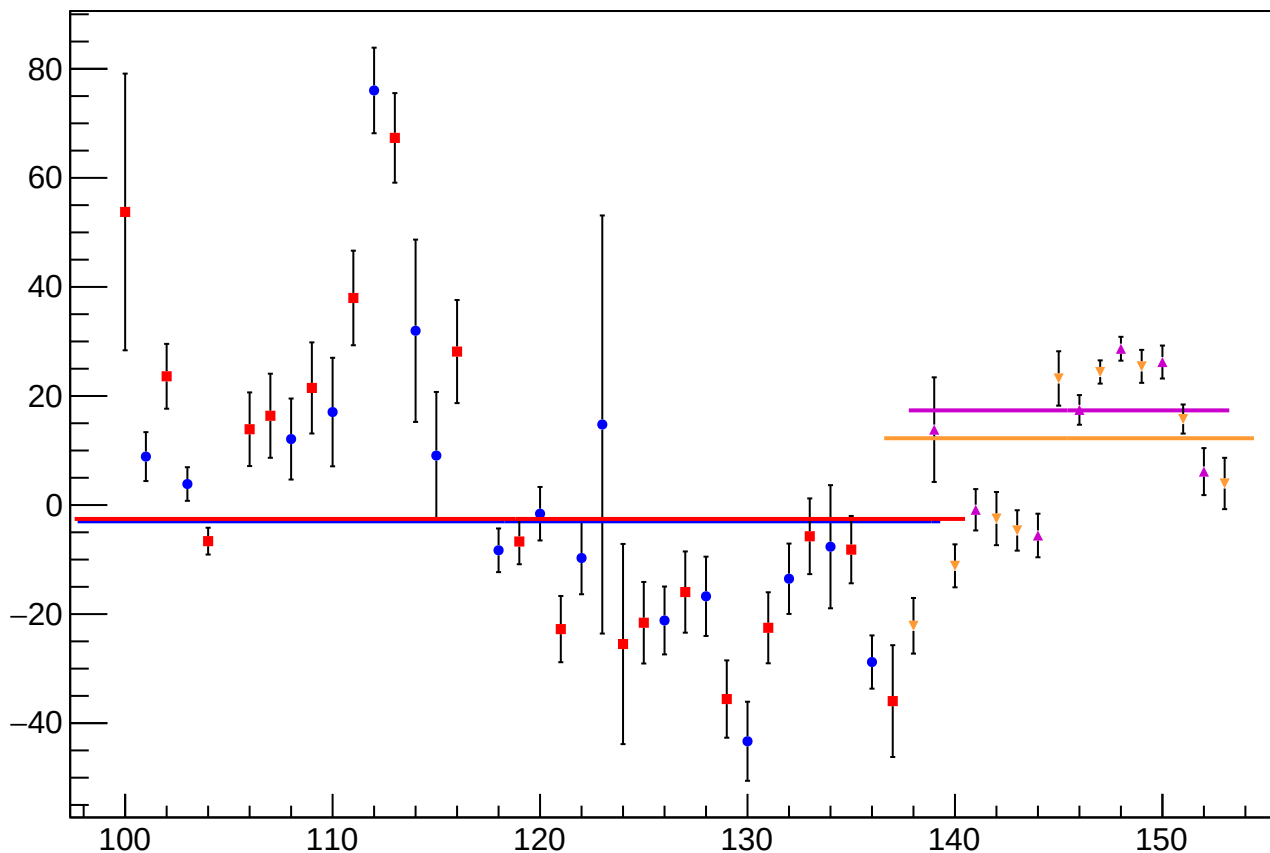
Left In: -255.477+/-1.901 χ^2/NDF : 103.4/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.400+/-1.296 χ^2/NDF : 604.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 12.251 ± 1.137 χ^2/NDF : 171.9/8

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

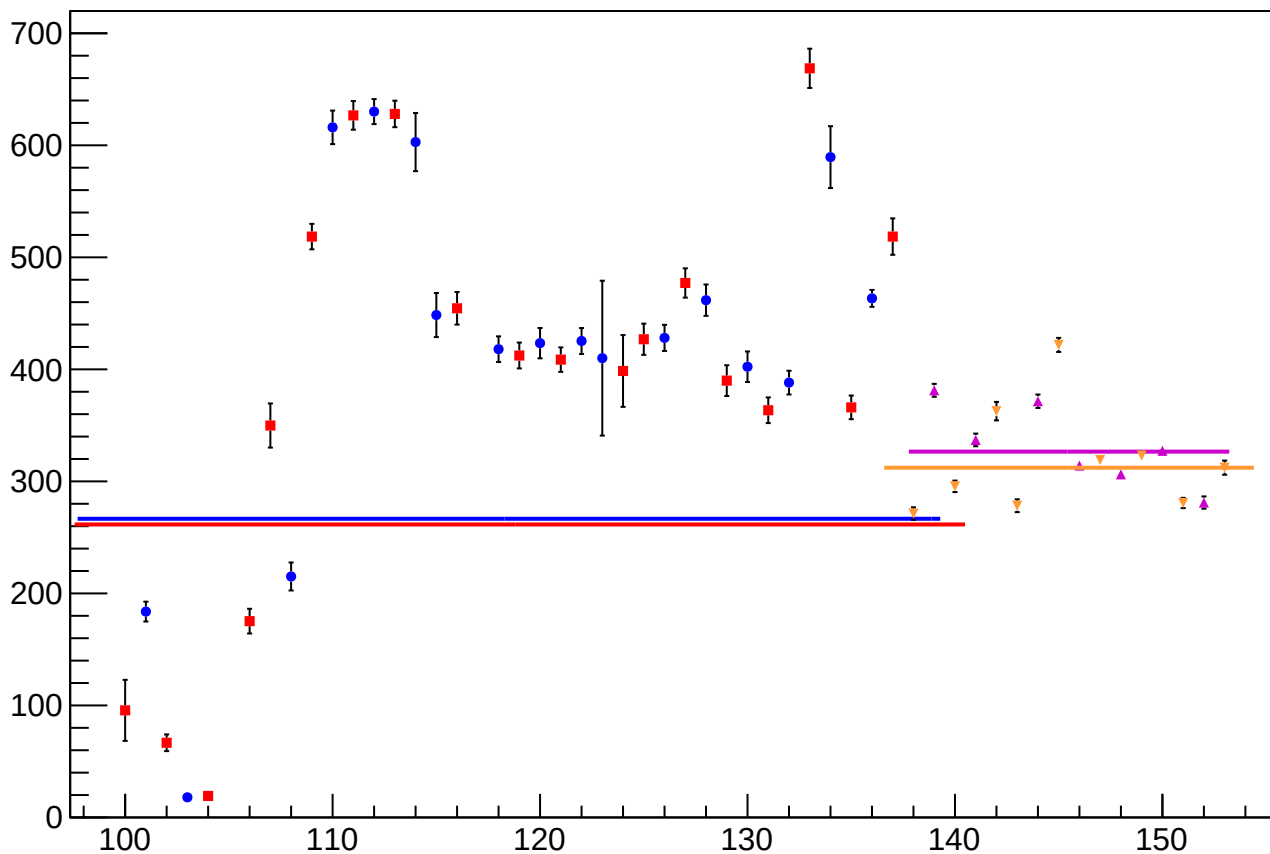
Left In: 17.361 ± 1.240 χ^2/NDF : 98.3/6

+ sign 6.453 ± 0.895 χ^2/NDF : 444.1/25

All: 7.489 ± 0.644 χ^2/NDF : 876.8/51

- sign 8.602 ± 0.928 χ^2/NDF : 429.9/25

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 312.208 $\pm$ 1.766 χ^2 /NDF:495.5/8

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

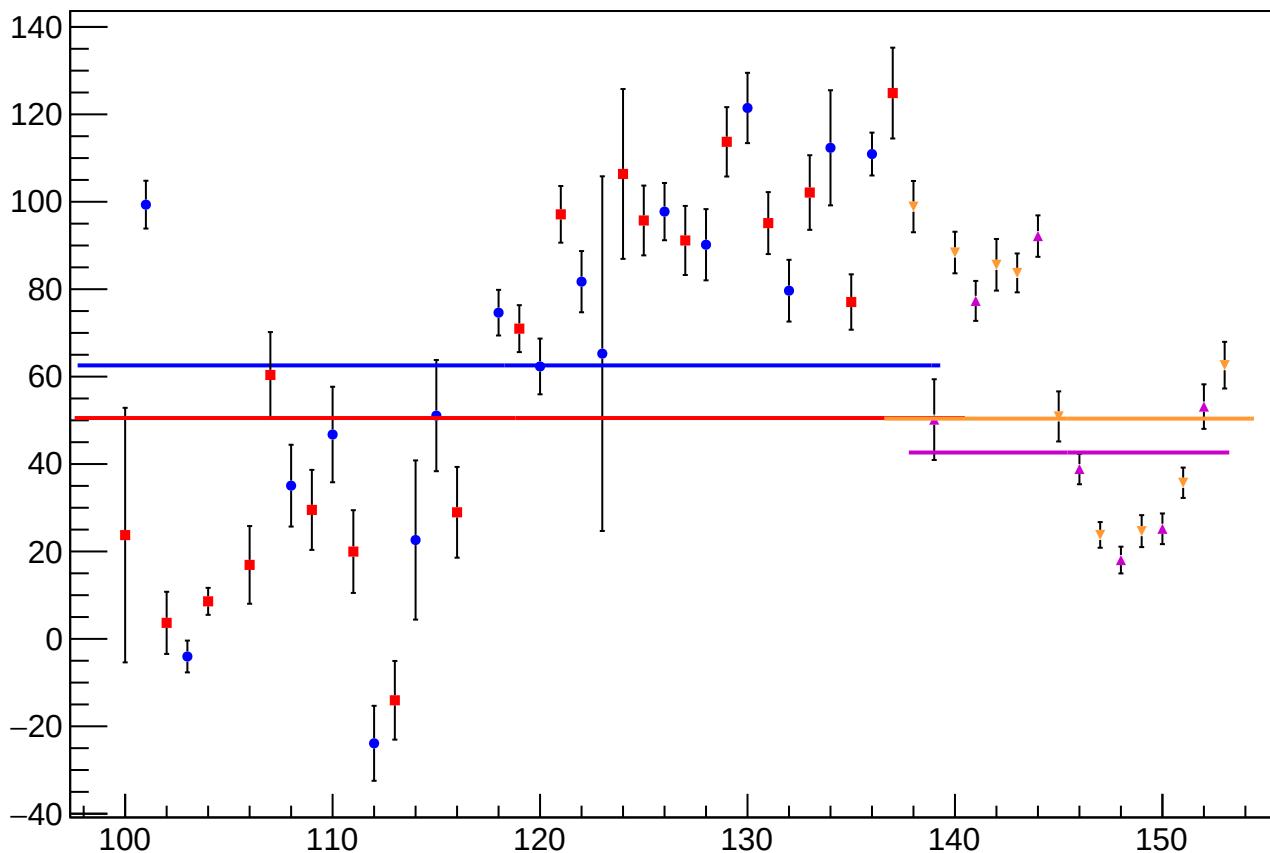
Left In: 326.572 $\pm$ 1.874 χ^2 /NDF:249.5/6

+ sign 296.842 $\pm$ 1.438 χ^2 /NDF: 8382.7/25

All: 299.647 $\pm$ 1.035 χ^2 /NDF: 17290.7/51

- sign 302.659 $\pm$ 1.490 χ^2 /NDF: 8900.2/25

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 50.396 $\pm$ 1.426 χ^2 /NDF:378.5/8

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

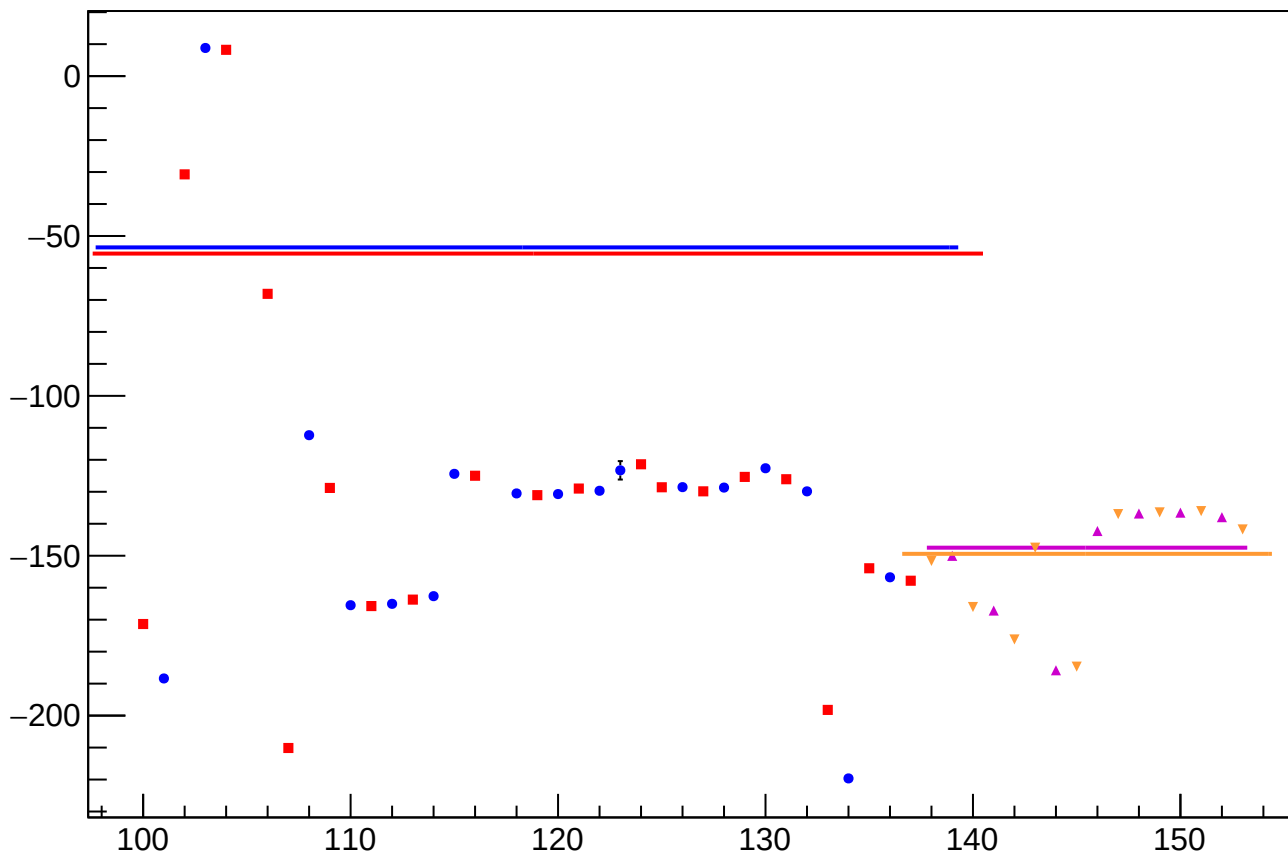
Left In: 42.639 $\pm$ 1.556 χ^2 /NDF:262.3/6

+ sign 55.500 $\pm$ 1.087 χ^2 /NDF: 1131.4/25

All: 51.111 $\pm$ 0.783 χ^2 /NDF: 2096.8/51

- sign 46.367 $\pm$ 1.130 χ^2 /NDF: 931.4/25

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -149.409 ± 0.074 χ^2/NDF : 46470.8/8

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

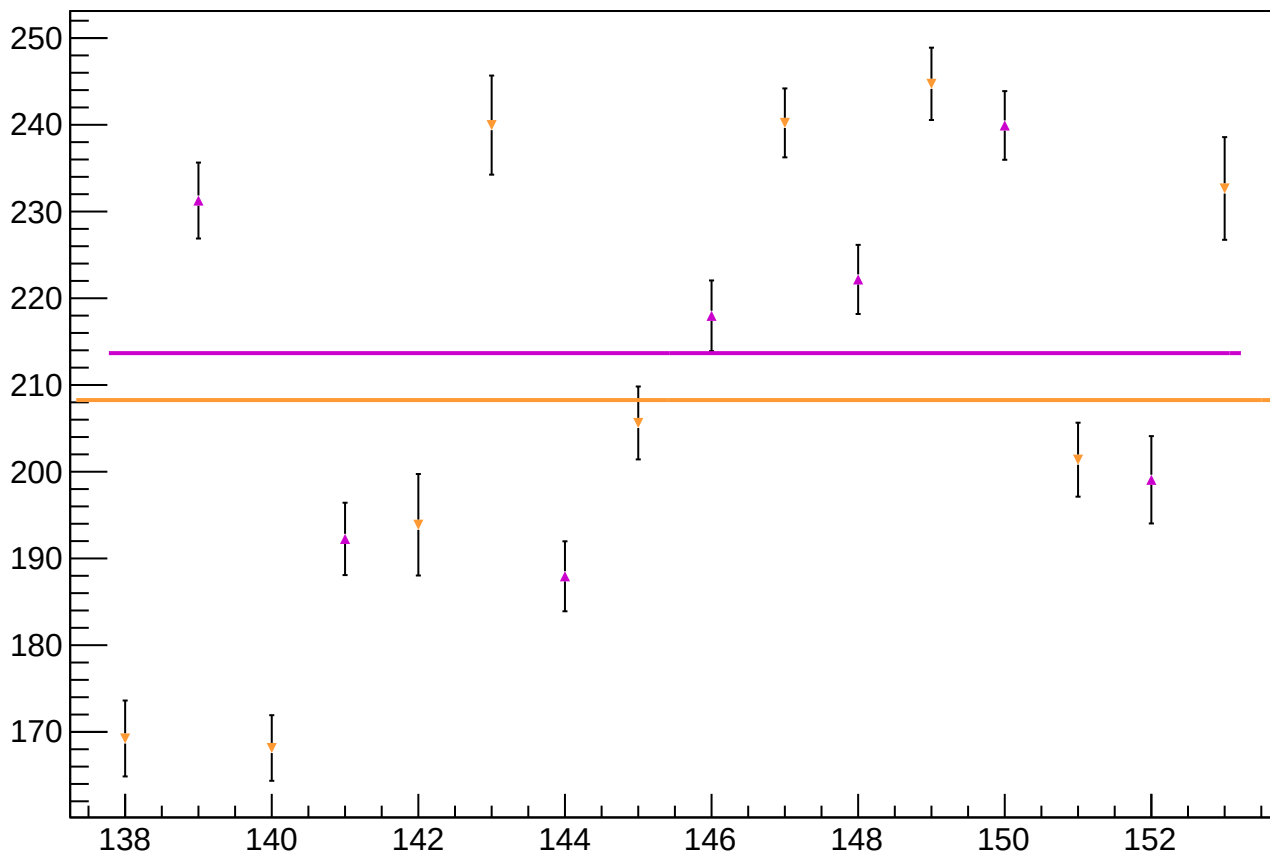
Left In: -147.485 ± 0.078 χ^2/NDF : 38604.9/6

+ sign -98.870 ± 0.051 χ^2/NDF : 2155928.6/25

All: -98.286 ± 0.037 χ^2/NDF : 3914370.3/51

- sign -97.657 ± 0.053 χ^2/NDF : 1758169.4/25

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 208.260+/-1.503 χ^2/NDF :390.0/8

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

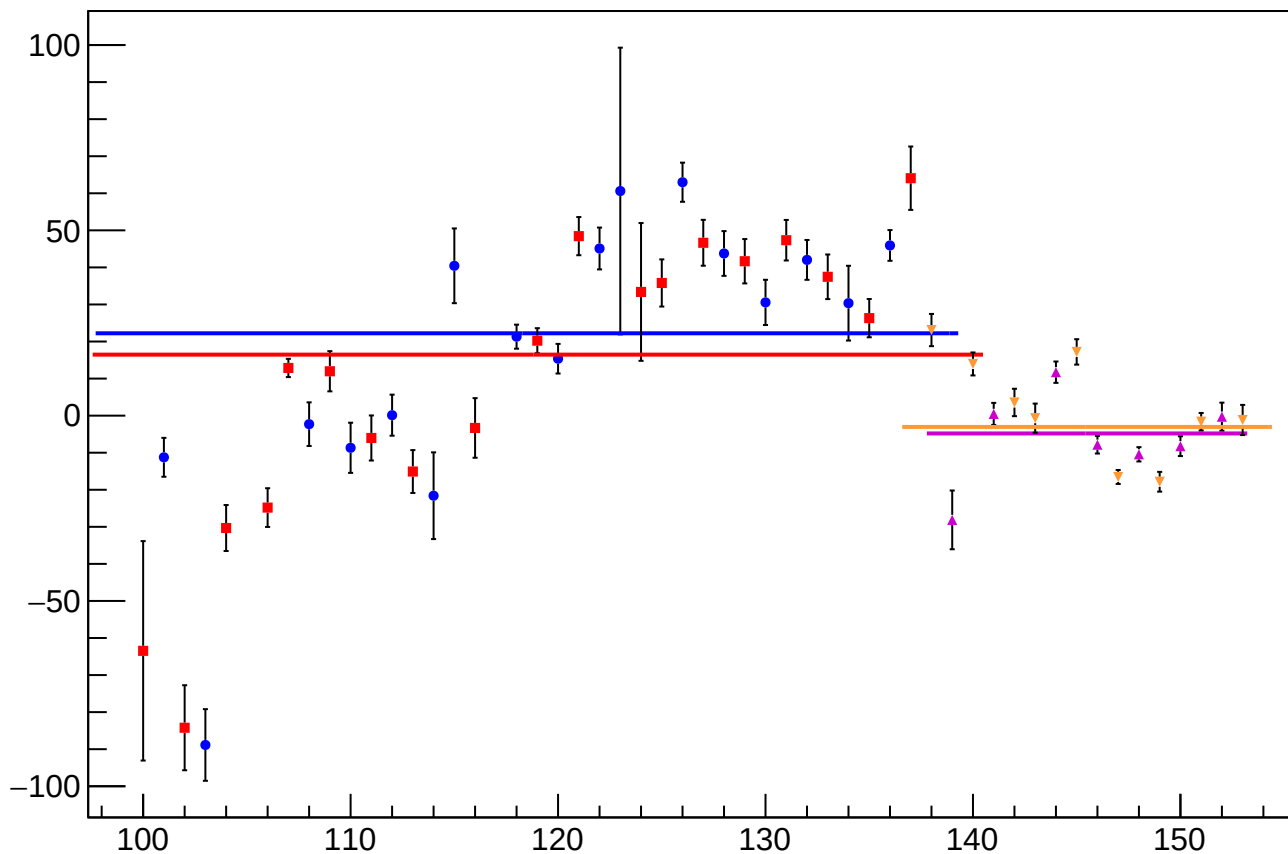
Left In: 213.673+/-1.586 χ^2/NDF :141.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.820+/-1.091 χ^2/NDF : 537.3/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF : 385.6/16

Left Out: -3.046+/-0.979 χ^2/NDF : 187.2/8

Right Out: 16.466+/-1.230 χ^2/NDF : 425.9/18

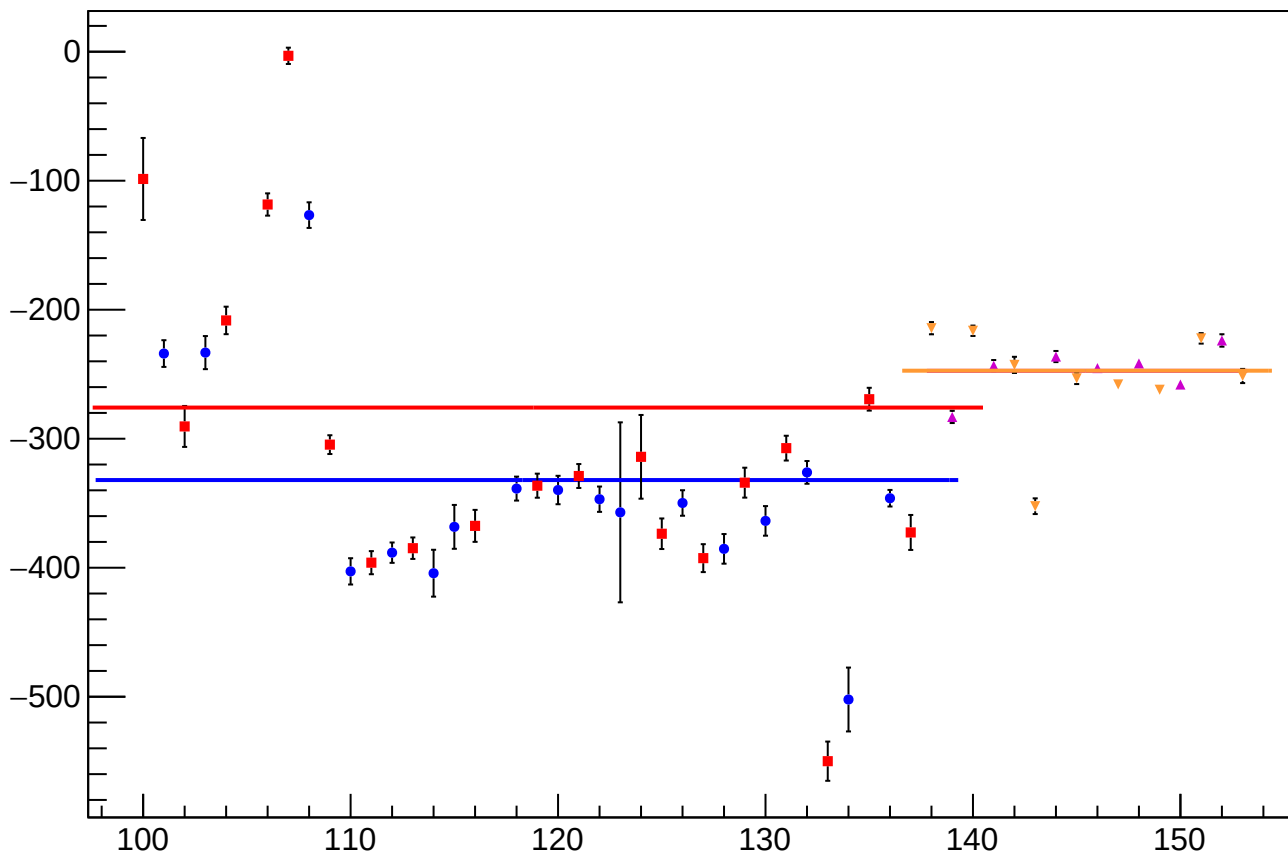
Left In: -4.802+/-1.052 χ^2/NDF : 57.9/6

+ sign 5.469+/-0.798 χ^2/NDF : 797.1/25

All: 4.828+/-0.565 χ^2/NDF : 1454.9/51

- sign 4.184+/-0.799 χ^2/NDF : 656.6/25

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -247.268 ± 1.506 χ^2/NDF : 467.6/8

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

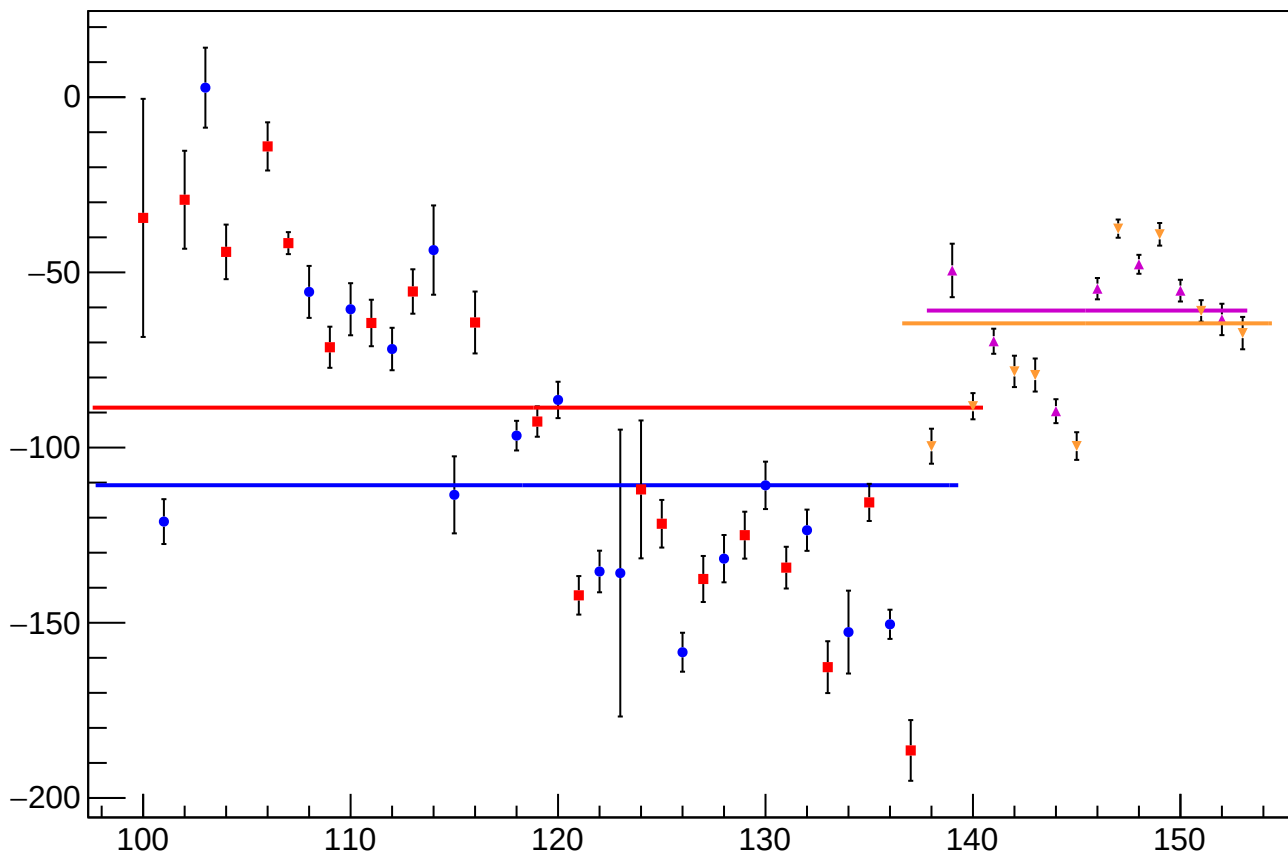
Left In: -247.401 ± 1.576 χ^2/NDF : 99.0/6

+ sign -269.034 ± 1.298 χ^2/NDF : 2066.2/25

All: -262.729 ± 0.920 χ^2/NDF : 5678.1/51

- sign -256.363 ± 1.304 χ^2/NDF : 3564.5/25

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -64.548 ± 1.224 χ^2/NDF : 359.1/8

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

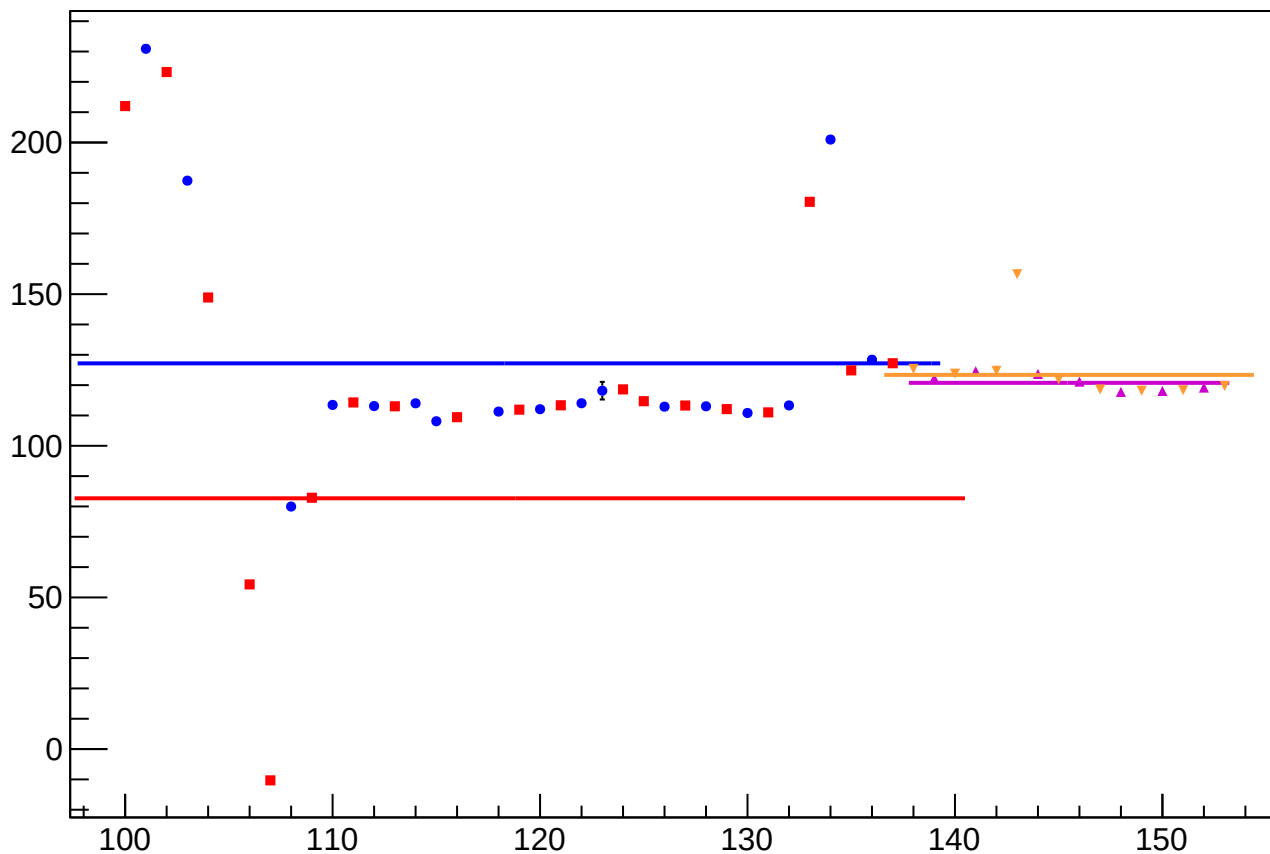
Left In: -60.896 ± 1.313 χ^2/NDF : 110.7/6

+ sign -81.899 ± 0.967 χ^2/NDF : 1408.0/25

All: -77.720 ± 0.684 χ^2/NDF : 2728.8/51

- sign -73.525 ± 0.969 χ^2/NDF : 1283.4/25

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 123.376 $\pm$ 0.063 χ^2 /NDF: 21458.4/8

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

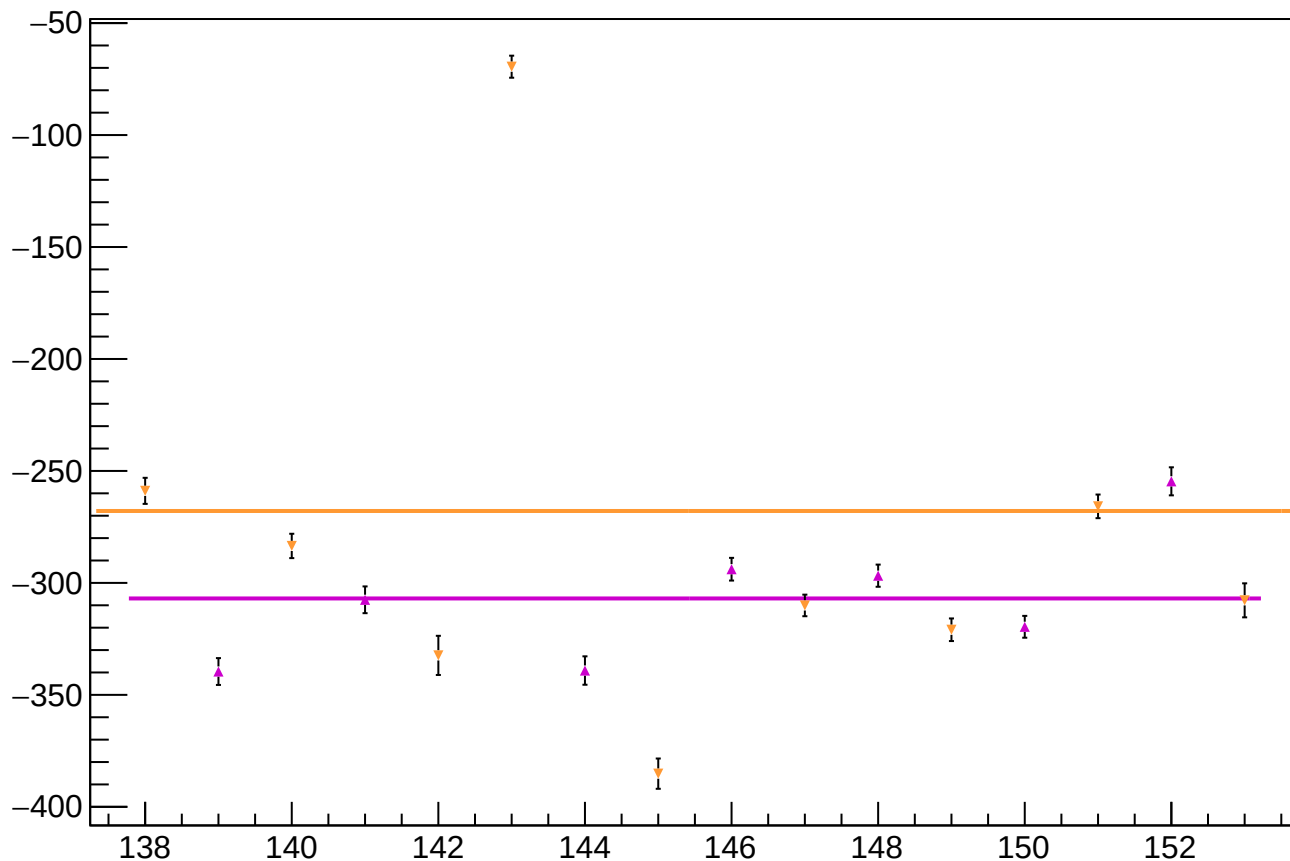
Left In: 120.754 $\pm$ 0.066 χ^2 /NDF: 1492.3/6

+ sign 124.648 $\pm$ 0.051 χ^2 /NDF: 210723.9/25

All: 114.080 $\pm$ 0.036 χ^2 /NDF: 1204262.4/51

- sign 104.310 $\pm$ 0.049 χ^2 /NDF: 912408.2/25

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -267.884+/-1.907 χ^2/NDF : 2204.4/8

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

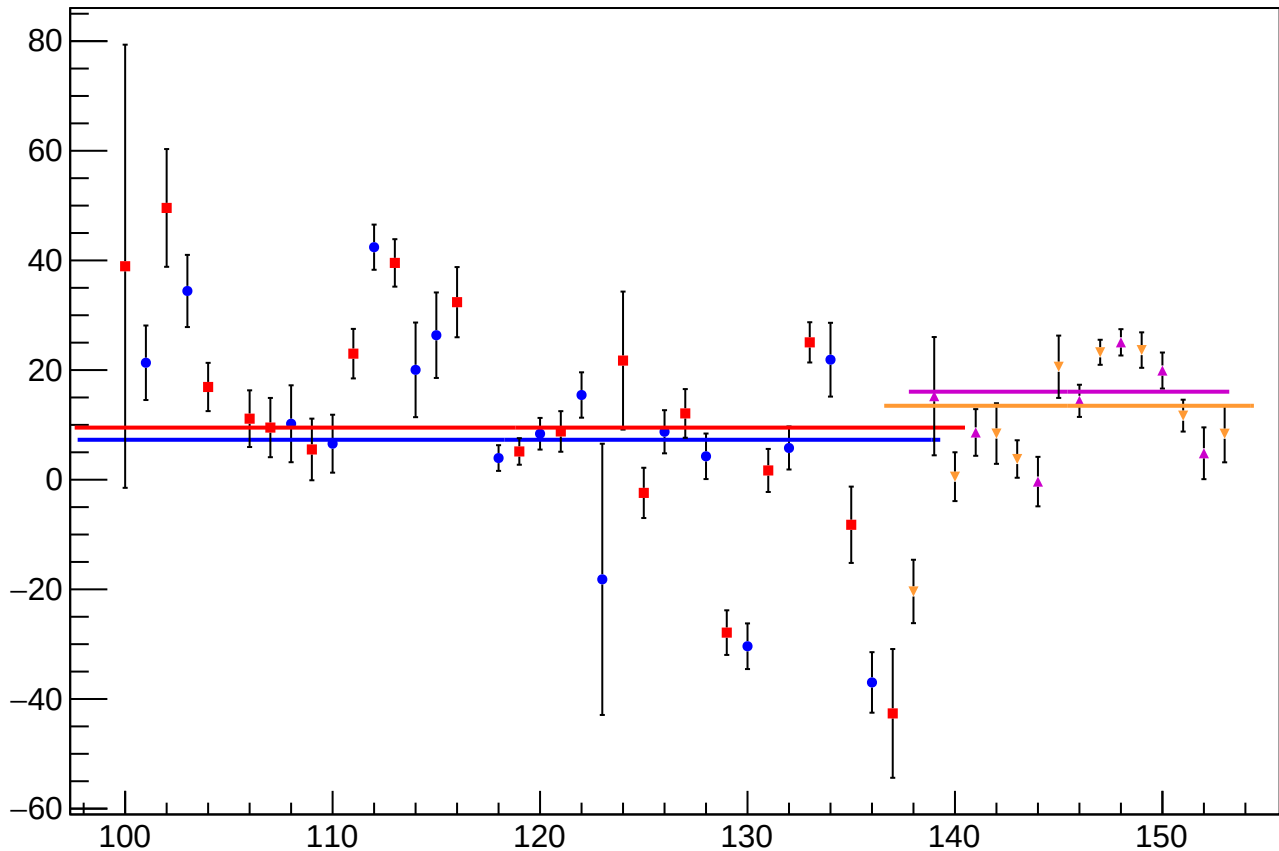
Left In: -306.949+/-2.094 χ^2/NDF : 142.8/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -285.587+/-1.410 χ^2/NDF : 2537.5/15

- 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: 13.487 ± 1.220 χ^2/NDF : 82.7/8

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

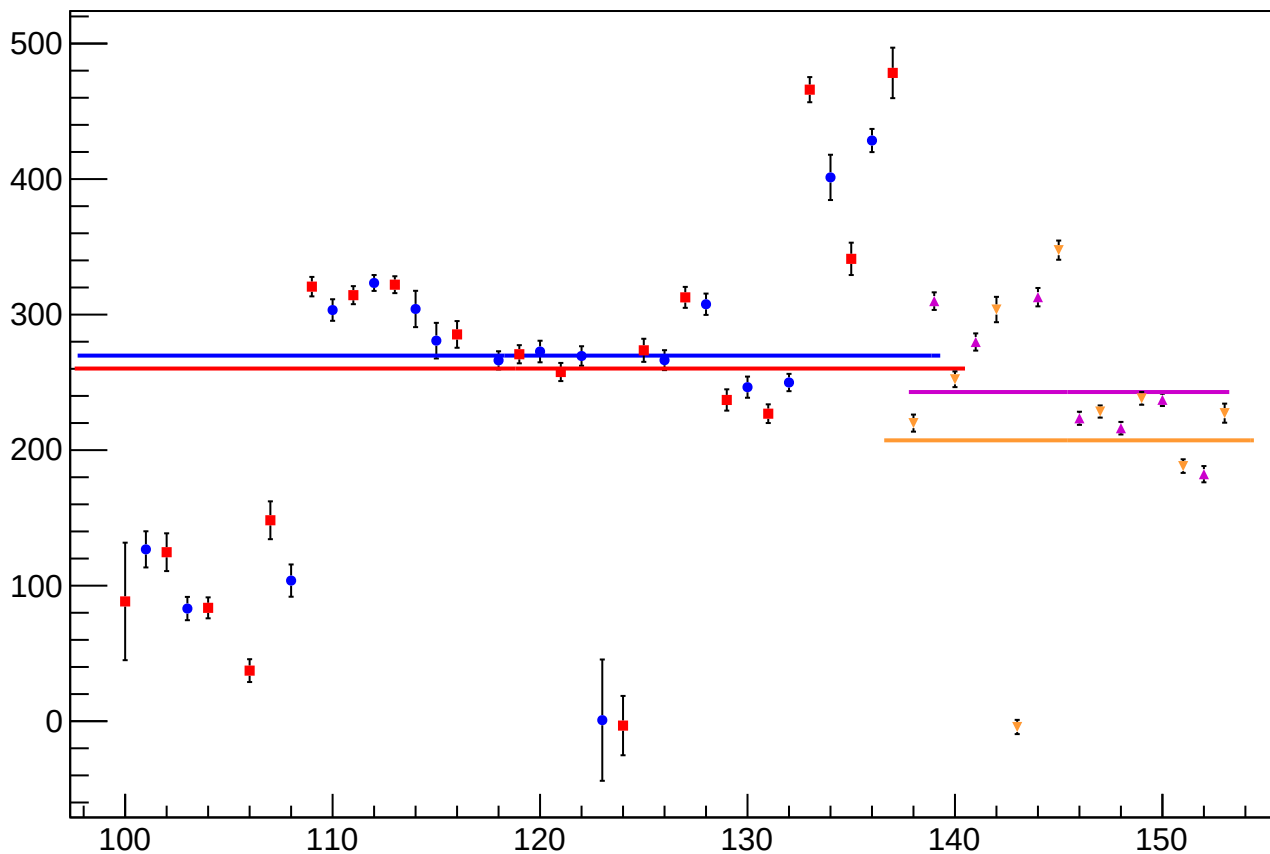
Left In: 16.053 ± 1.361 χ^2/NDF : 37.7/6

+ sign 10.019 ± 0.810 χ^2/NDF : 358.2/25

All: 10.979 ± 0.584 χ^2/NDF : 644.5/51

- sign 12.019 ± 0.843 χ^2/NDF : 283.5/25

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 ± 2.071 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 207.223 ± 1.902 $\chi^2/\text{NDF}: 2270.8/8$

Right Out: 260.206 ± 1.978 $\chi^2/\text{NDF}: 2541.6/18$

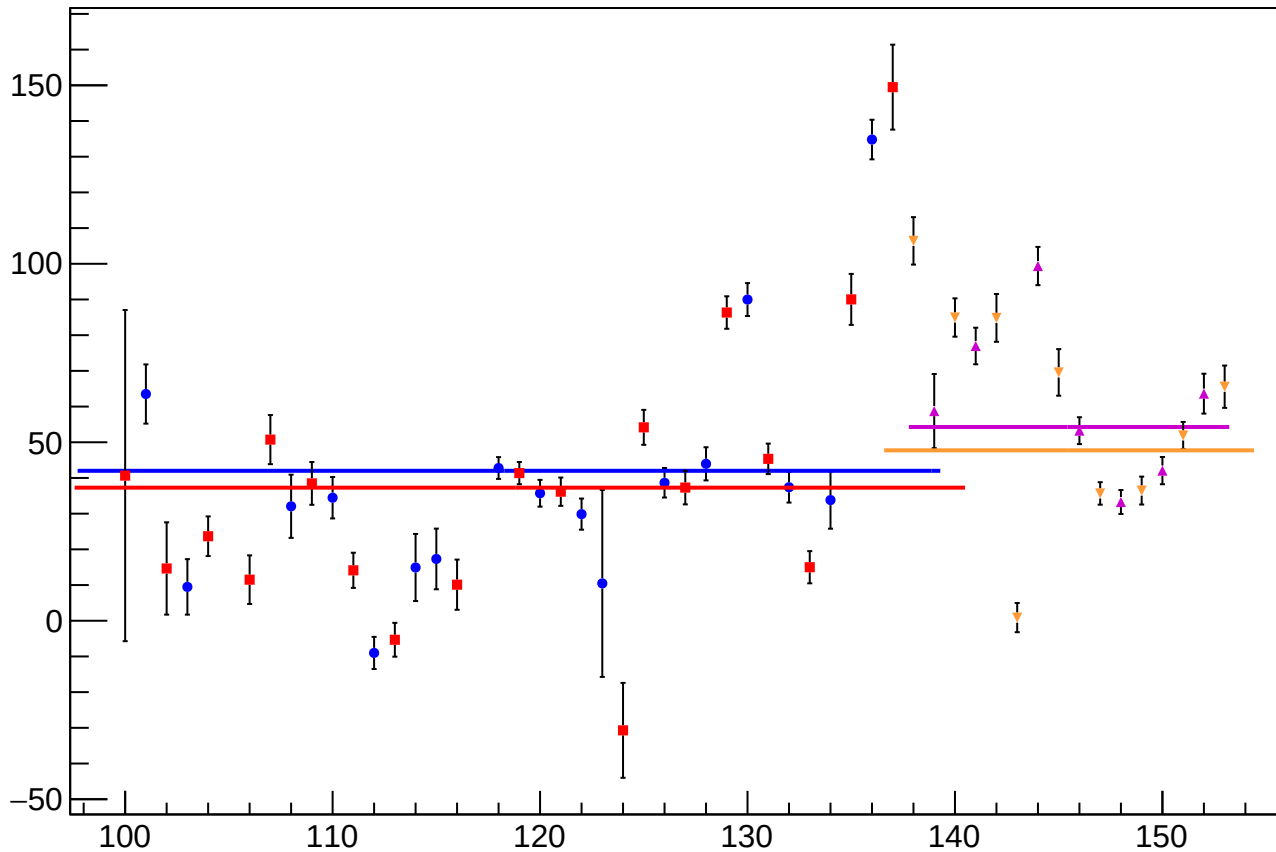
Left In: 242.870 ± 2.062 $\chi^2/\text{NDF}: 399.9/6$

+ sign 235.821 ± 1.401 $\chi^2/\text{NDF}: 4139.3/25$

All: 243.710 ± 1.000 $\chi^2/\text{NDF}: 7182.1/51$

- sign 251.898 ± 1.427 $\chi^2/\text{NDF}: 2978.2/25$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 47.742 $\pm$ 1.530 χ^2/NDF :332.4/8

Right Out: 37.284 $\pm$ 1.237 χ^2/NDF : 472.6/18

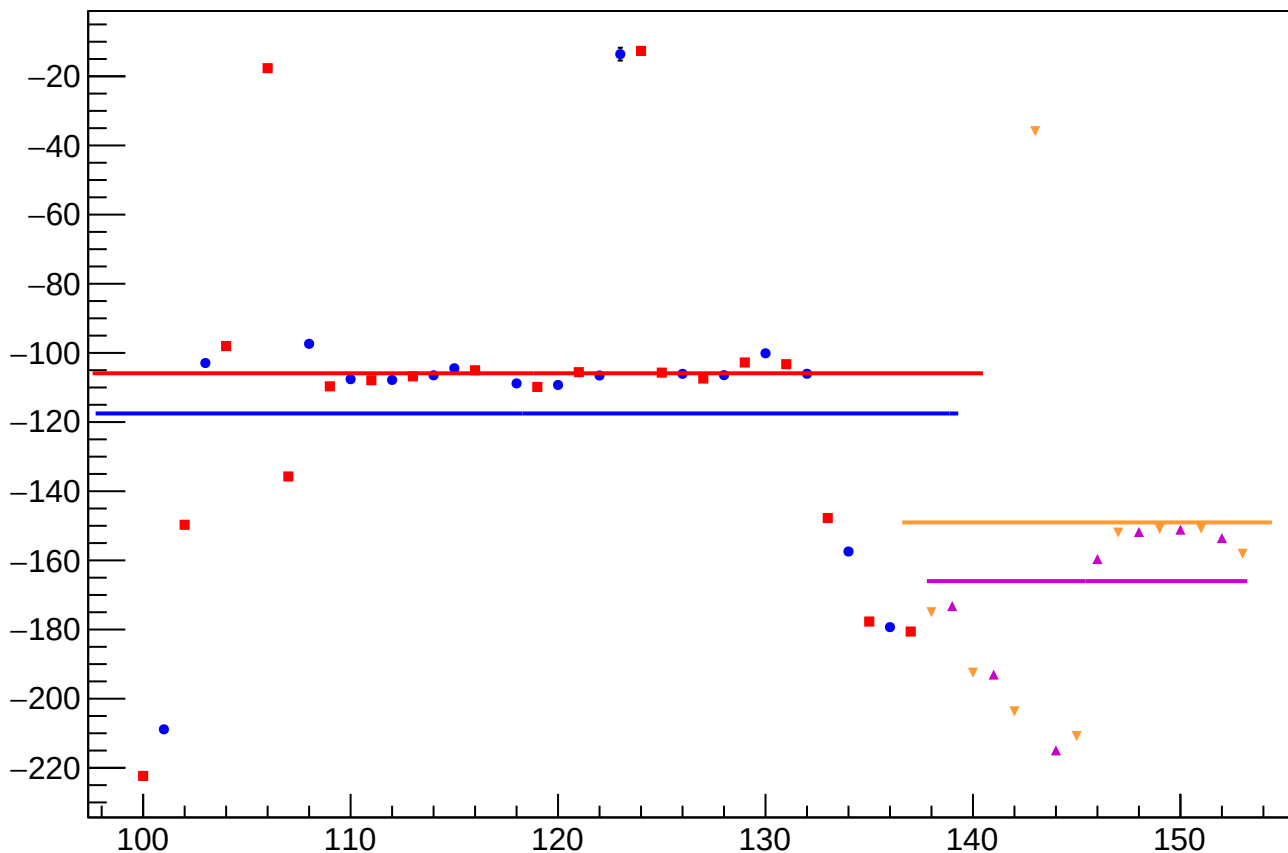
Left In: 54.280 $\pm$ 1.709 χ^2/NDF :143.0/6

+ sign 44.315 $\pm$ 0.970 χ^2/NDF : 916.3/25

All: 43.740 $\pm$ 0.697 χ^2/NDF : 1597.5/51

- sign 43.127 $\pm$ 1.002 χ^2/NDF : 680.5/25

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 χ^2/NDF : 142016.6/16

Left Out: -149.024 ± 0.080 χ^2/NDF : 400914.8/8

Right Out: -105.892 ± 0.073 χ^2/NDF : 324304.4/18

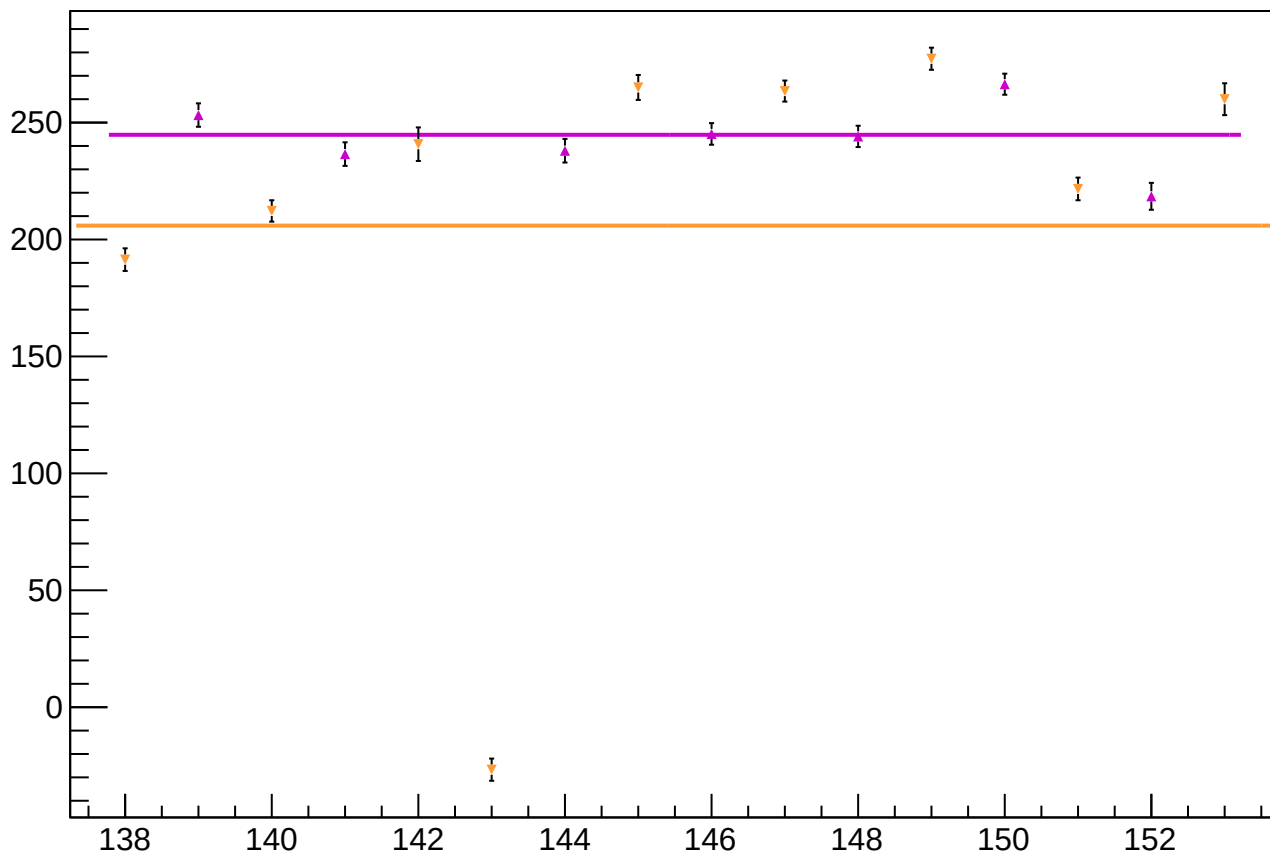
Left In: -166.001 ± 0.086 χ^2/NDF : 53733.8/6

+ sign -132.899 ± 0.056 χ^2/NDF : 622593.1/25

All: -131.916 ± 0.039 χ^2/NDF : 1285335.3/51

- sign -130.940 ± 0.056 χ^2/NDF : 662123.8/25

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 205.946+/-1.697 χ^2/NDF :3016.0/8

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

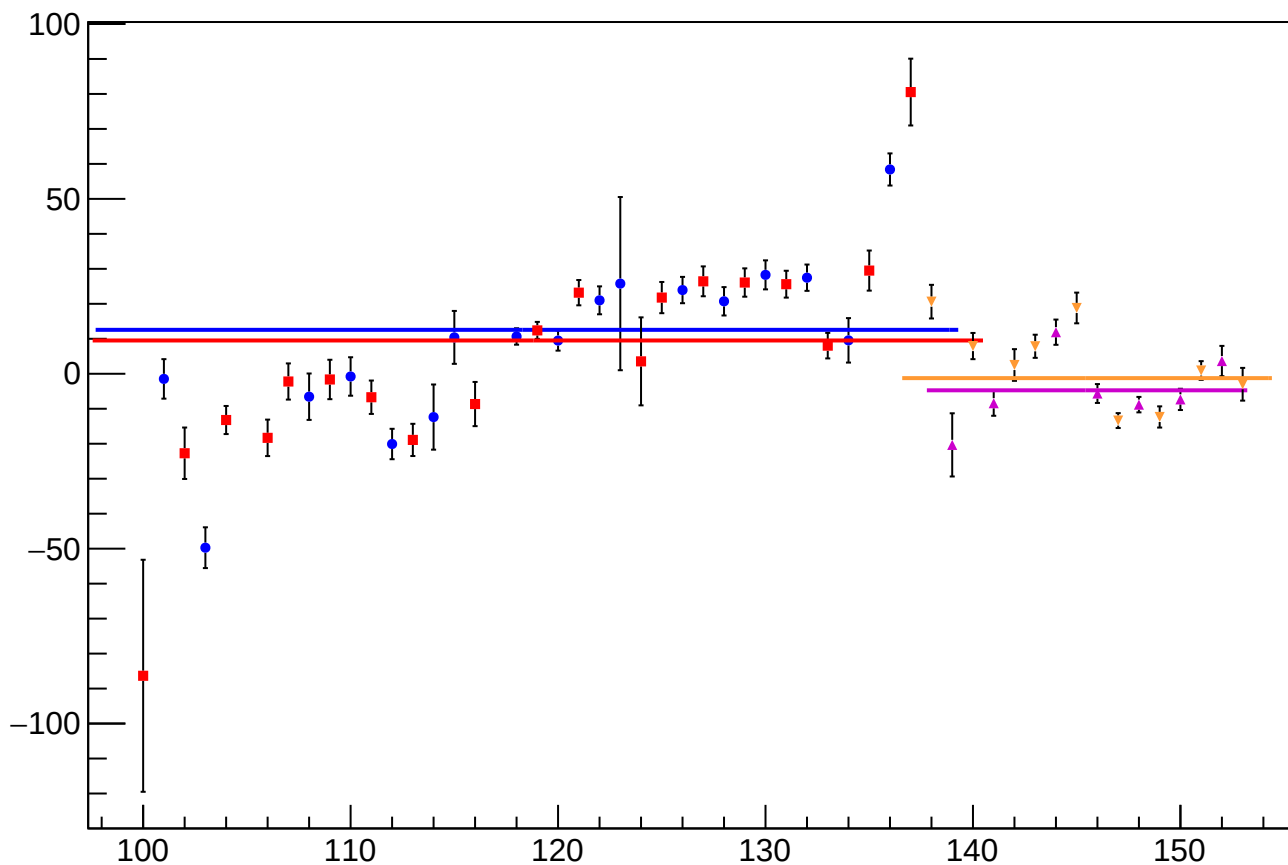
Left In: 244.775+/-1.849 χ^2/NDF :51.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.699+/-1.250 χ^2/NDF : 3306.7/15

- 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: -1.245 $\pm$ 1.104 χ^2 /NDF:102.4/8

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

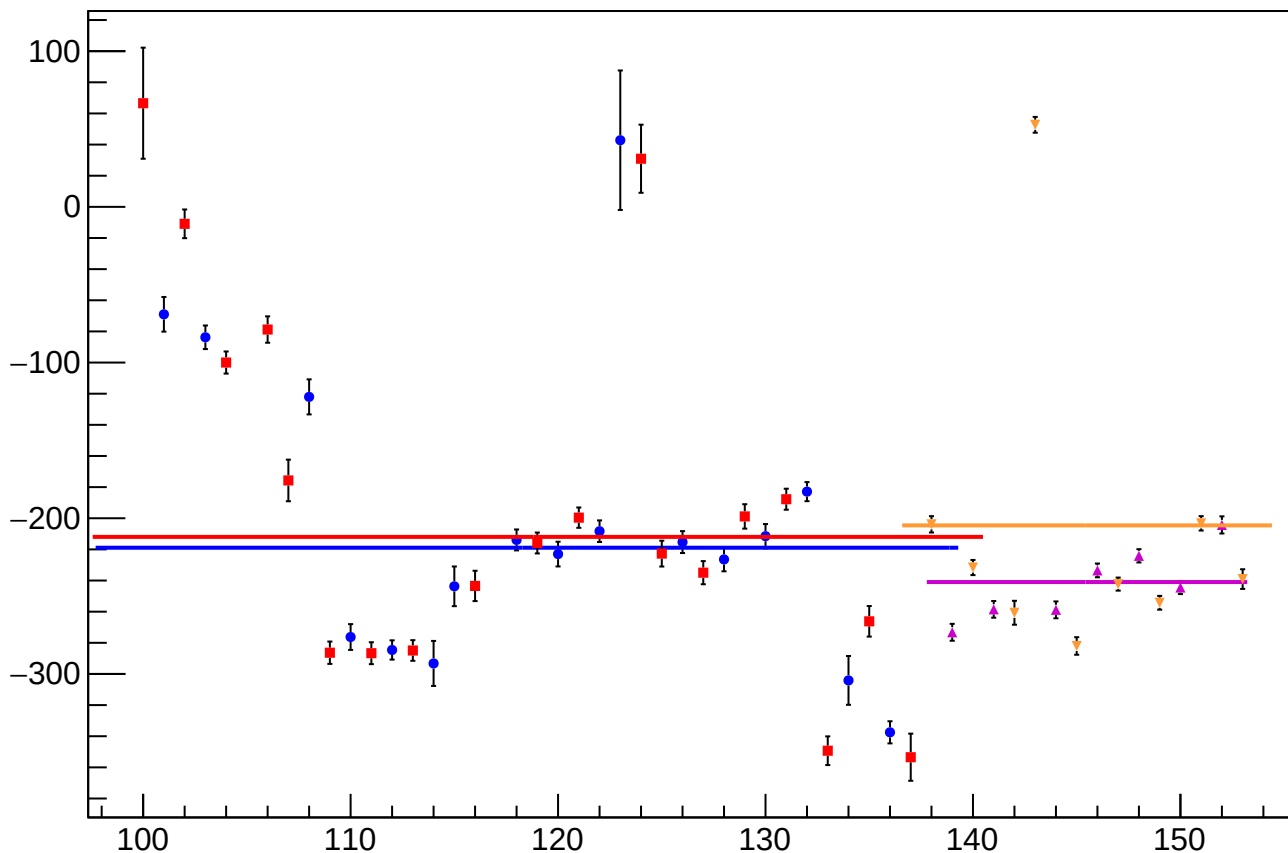
Left In: -4.730 $\pm$ 1.221 χ^2 /NDF:33.3/6

+ sign 5.967 $\pm$ 0.763 χ^2 /NDF: 531.8/25

All: 4.768 $\pm$ 0.551 χ^2 /NDF: 944.7/51

- sign 3.461 $\pm$ 0.796 χ^2 /NDF: 407.7/25

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -204.581 ± 1.702 $\chi^2/\text{NDF}: 3079.8/8$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

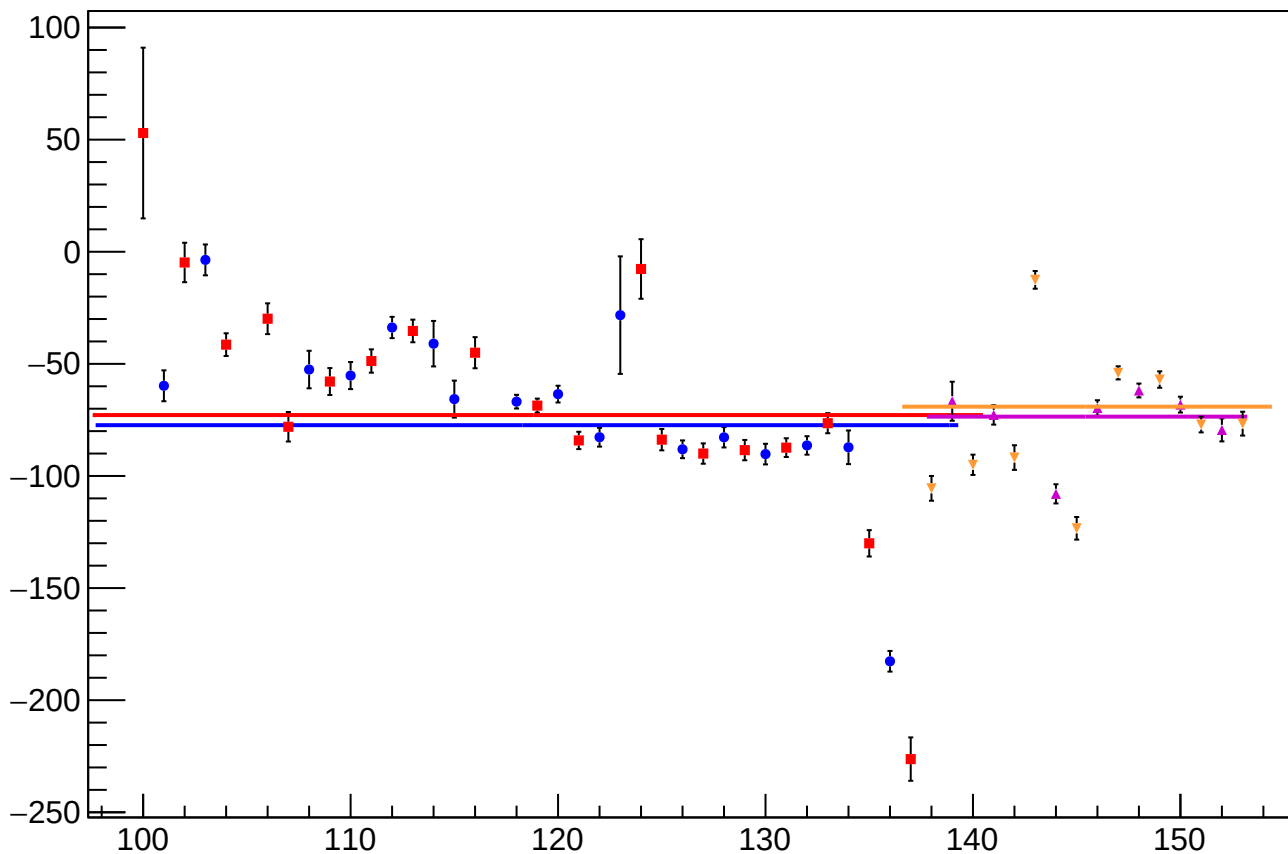
Left In: -240.970 ± 1.831 $\chi^2/\text{NDF}: 120.4/6$

+ sign -210.583 ± 1.298 $\chi^2/\text{NDF}: 4256.1/25$

All: -218.702 ± 0.928 $\chi^2/\text{NDF}: 6462.0/51$

- sign -227.187 ± 1.327 $\chi^2/\text{NDF}: 2125.8/25$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -69.095 ± 1.379 χ^2/NDF : 458.2/8

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

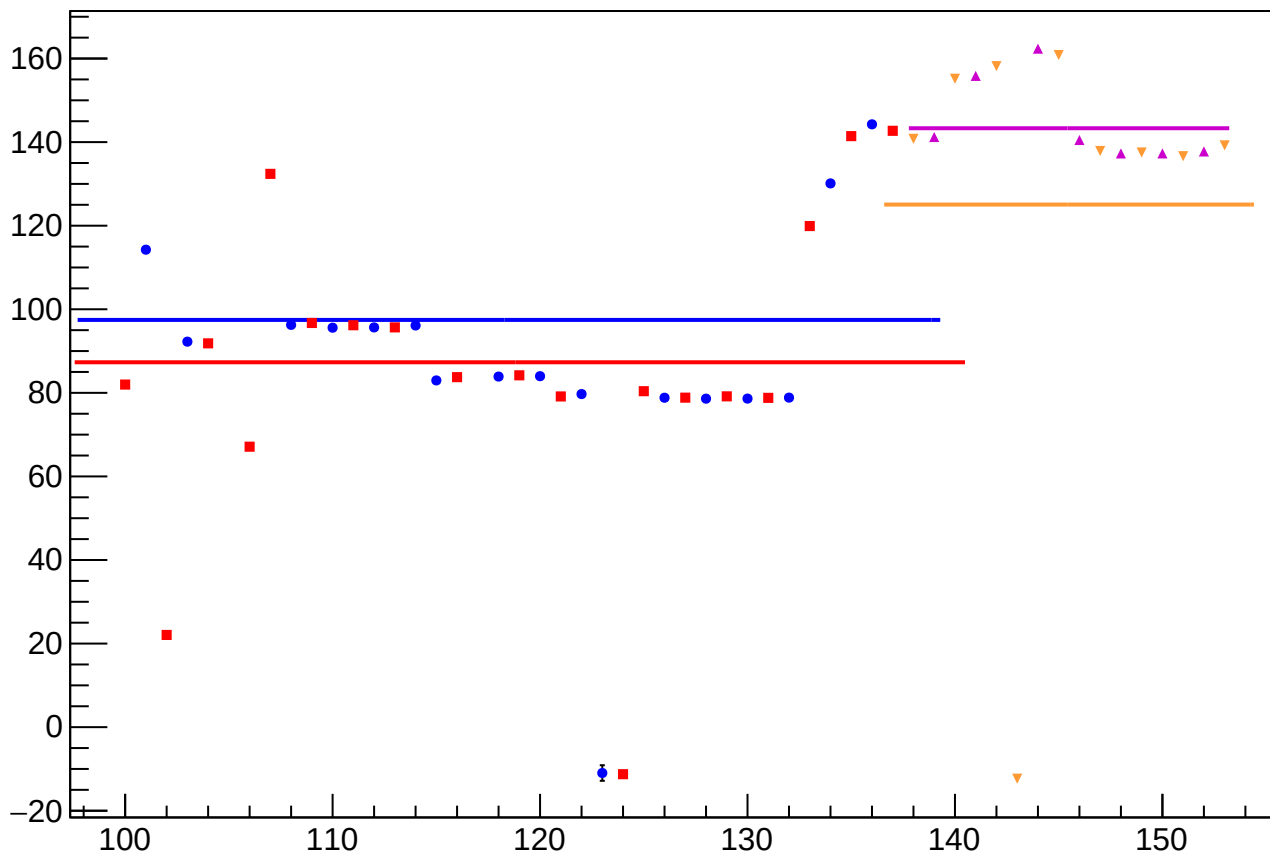
Left In: -73.539 ± 1.528 χ^2/NDF : 84.6/6

+ sign -73.722 ± 0.913 χ^2/NDF : 1295.5/25

All: -73.426 ± 0.658 χ^2/NDF : 2053.3/51

- sign -73.106 ± 0.948 χ^2/NDF : 757.6/25

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 ± 0.073 $\chi^2/\text{NDF}: 94476.4/16$

Left Out: 125.055 ± 0.071 $\chi^2/\text{NDF}: 536569.3/8$

Right Out: 87.315 ± 0.068 $\chi^2/\text{NDF}: 221837.7/18$

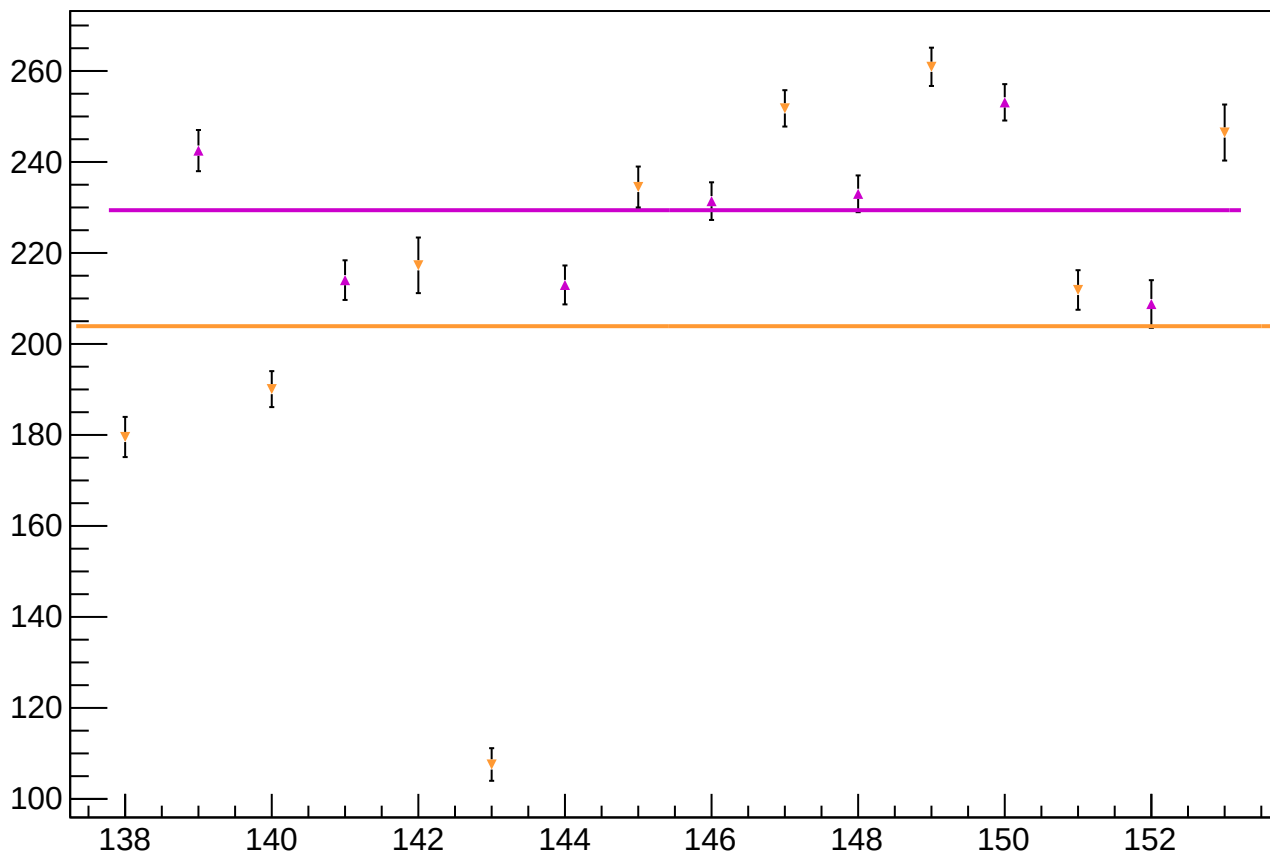
Left In: 143.320 ± 0.076 $\chi^2/\text{NDF}: 12988.8/6$

+ sign 111.647 ± 0.051 $\chi^2/\text{NDF}: 704044.9/25$

All: 111.938 ± 0.036 $\chi^2/\text{NDF}: 1238538.6/51$

- sign 112.227 ± 0.051 $\chi^2/\text{NDF}: 534429.1/25$

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: 203.906+/-1.462 χ^2/NDF :1193.9/8

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

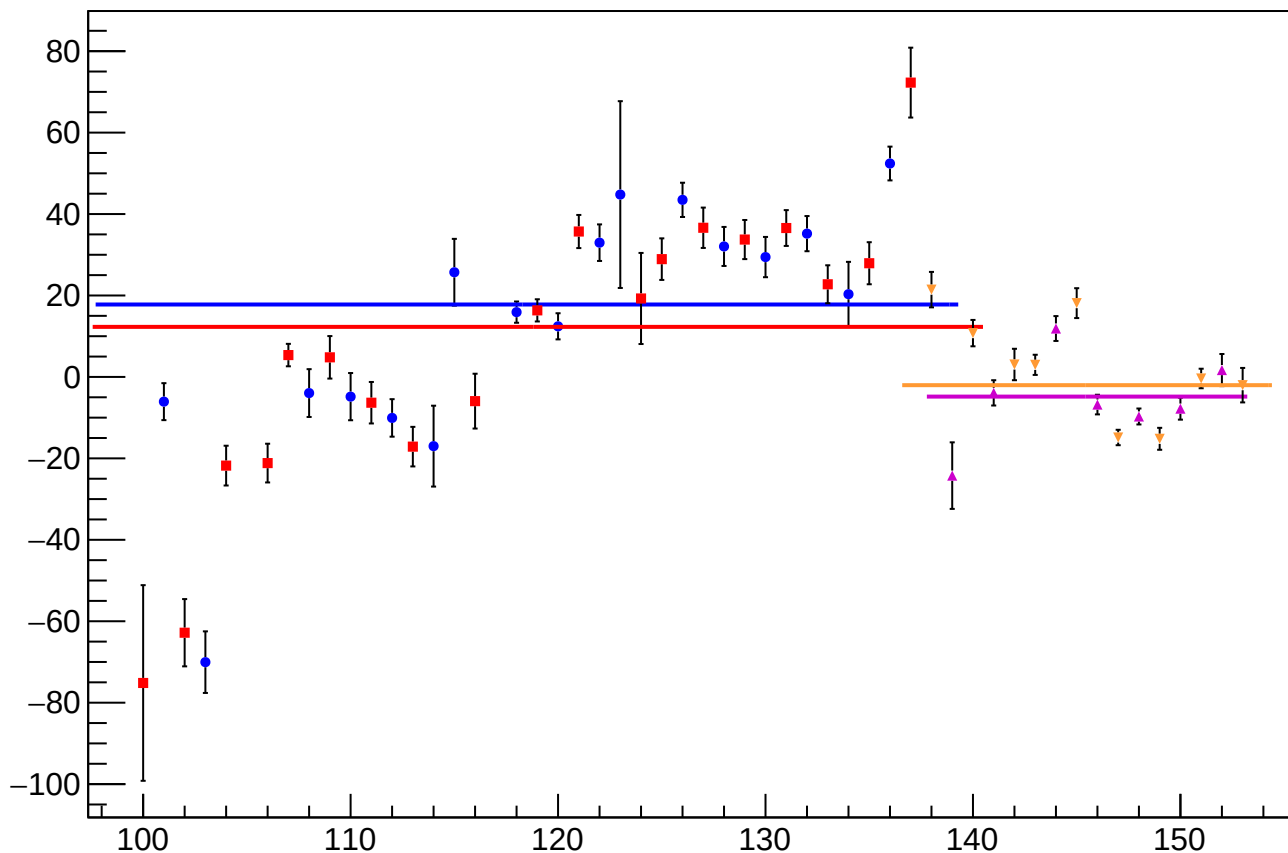
Left In: 229.401+/-1.634 χ^2/NDF :87.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.249+/-1.090 χ^2/NDF : 1416.3/15

- 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 $\chi^2/\text{NDF}: 395.1/16$

Left Out: -2.024 ± 0.954 $\chi^2/\text{NDF}: 151.0/8$

Right Out: 12.294 ± 1.086 $\chi^2/\text{NDF}: 443.7/18$

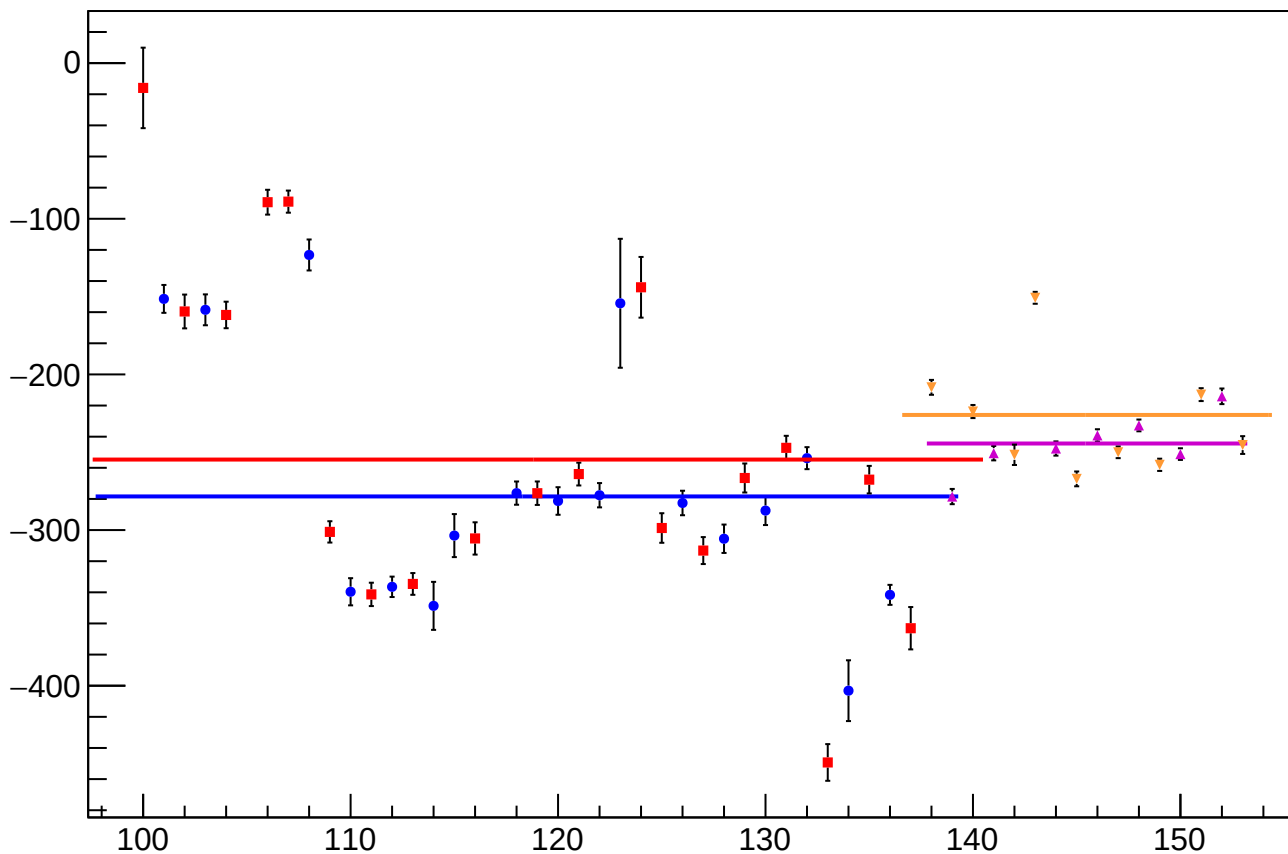
Left In: -4.830 ± 1.078 $\chi^2/\text{NDF}: 46.5/6$

+ sign 6.080 ± 0.733 $\chi^2/\text{NDF}: 722.6/25$

All: 4.926 ± 0.529 $\chi^2/\text{NDF}: 1343.3/51$

- sign 3.670 ± 0.765 $\chi^2/\text{NDF}: 615.5/25$

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: -226.035+/-1.473 χ^2/NDF : 619.7/8

Right Out: -254.703+/-2.020 χ^2/NDF : 2038.5/18

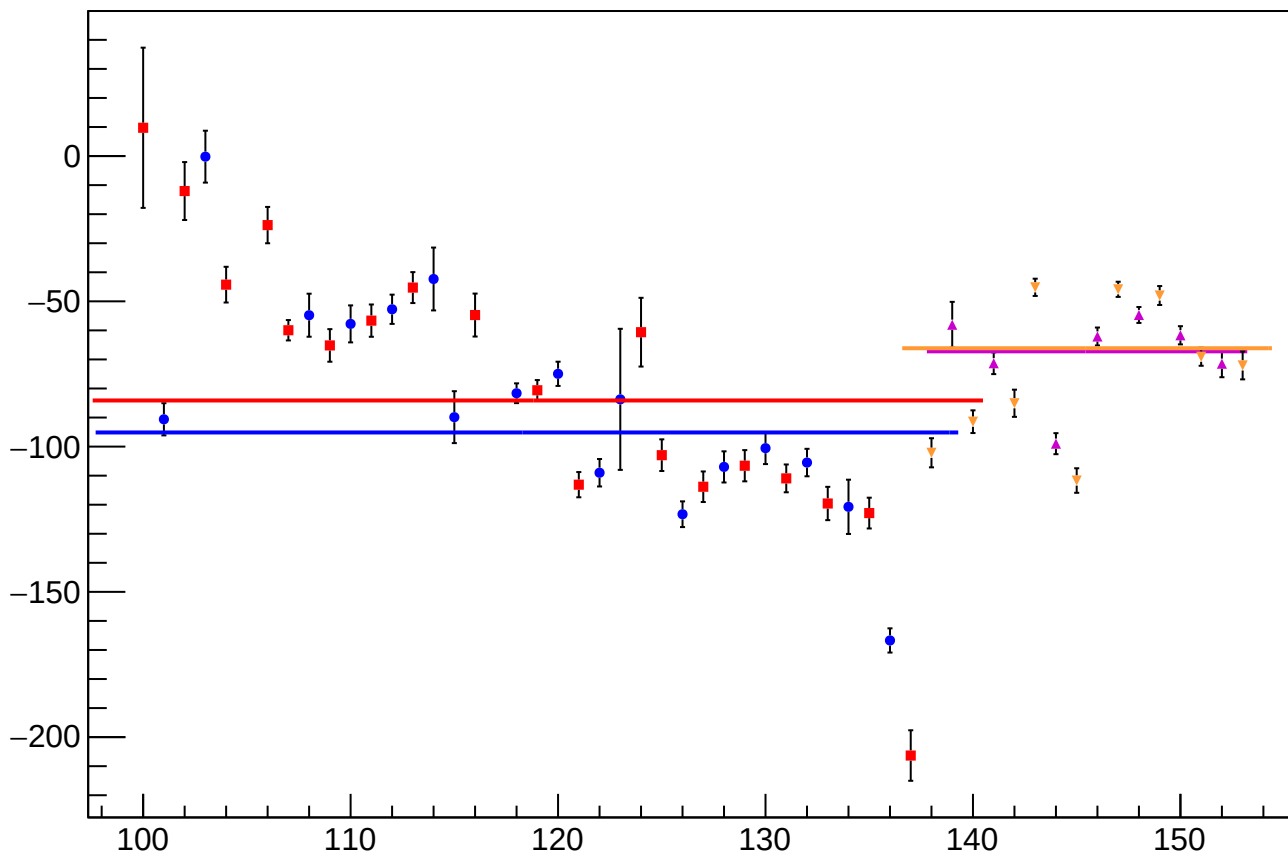
Left In: -244.386+/-1.620 χ^2/NDF : 101.7/6

+ sign -242.571+/-1.218 χ^2/NDF : 1929.4/25

All: -245.390+/-0.877 χ^2/NDF : 4096.6/51

- sign -248.425+/-1.264 χ^2/NDF : 2156.1/25

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: -66.143 ± 1.189 χ^2/NDF : 369.7/8

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

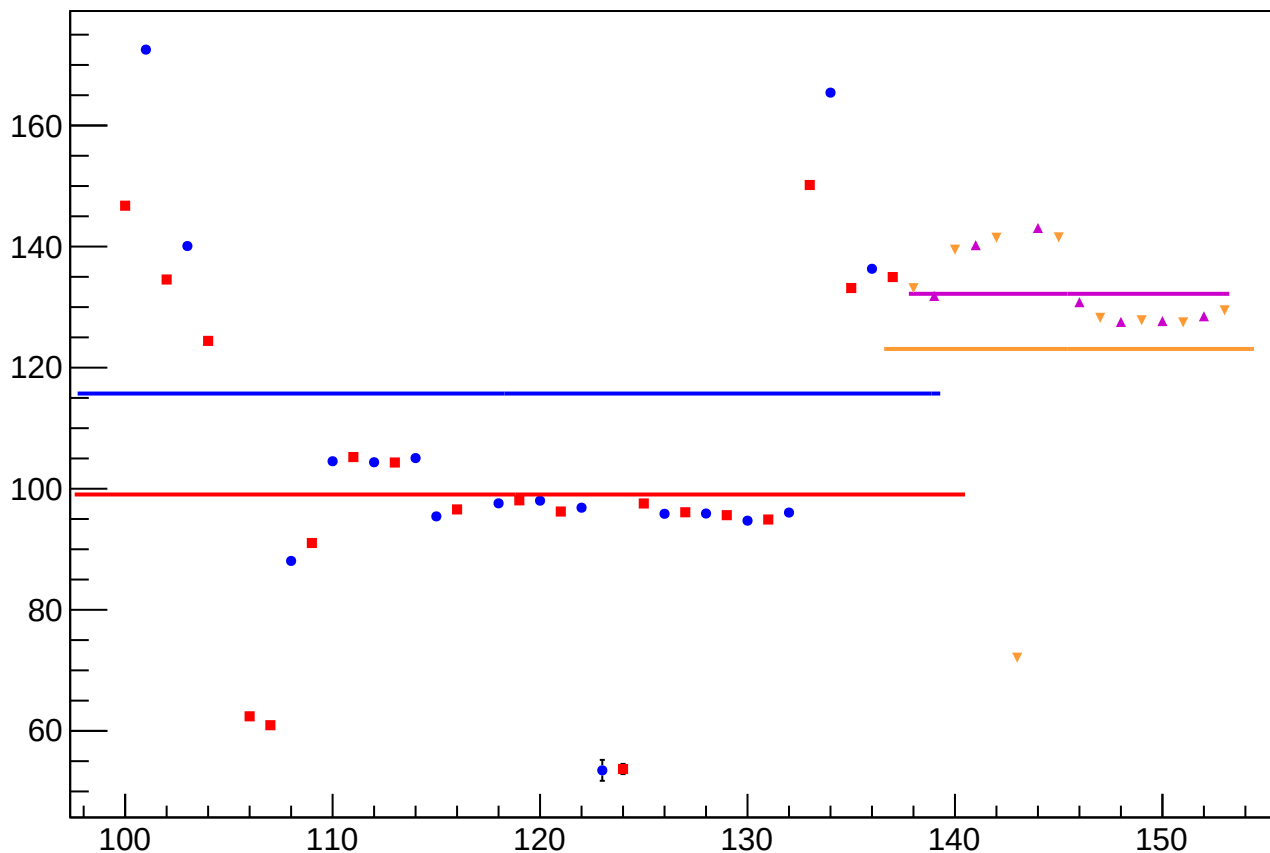
Left In: -67.212 ± 1.348 χ^2/NDF : 107.2/6

+ sign -79.101 ± 0.884 χ^2/NDF : 1310.4/25

All: -77.730 ± 0.637 χ^2/NDF : 2289.6/51

- sign -76.246 ± 0.920 χ^2/NDF : 974.2/25

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 123.090 $\pm$ 0.062 χ^2 /NDF:138980.7/8

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

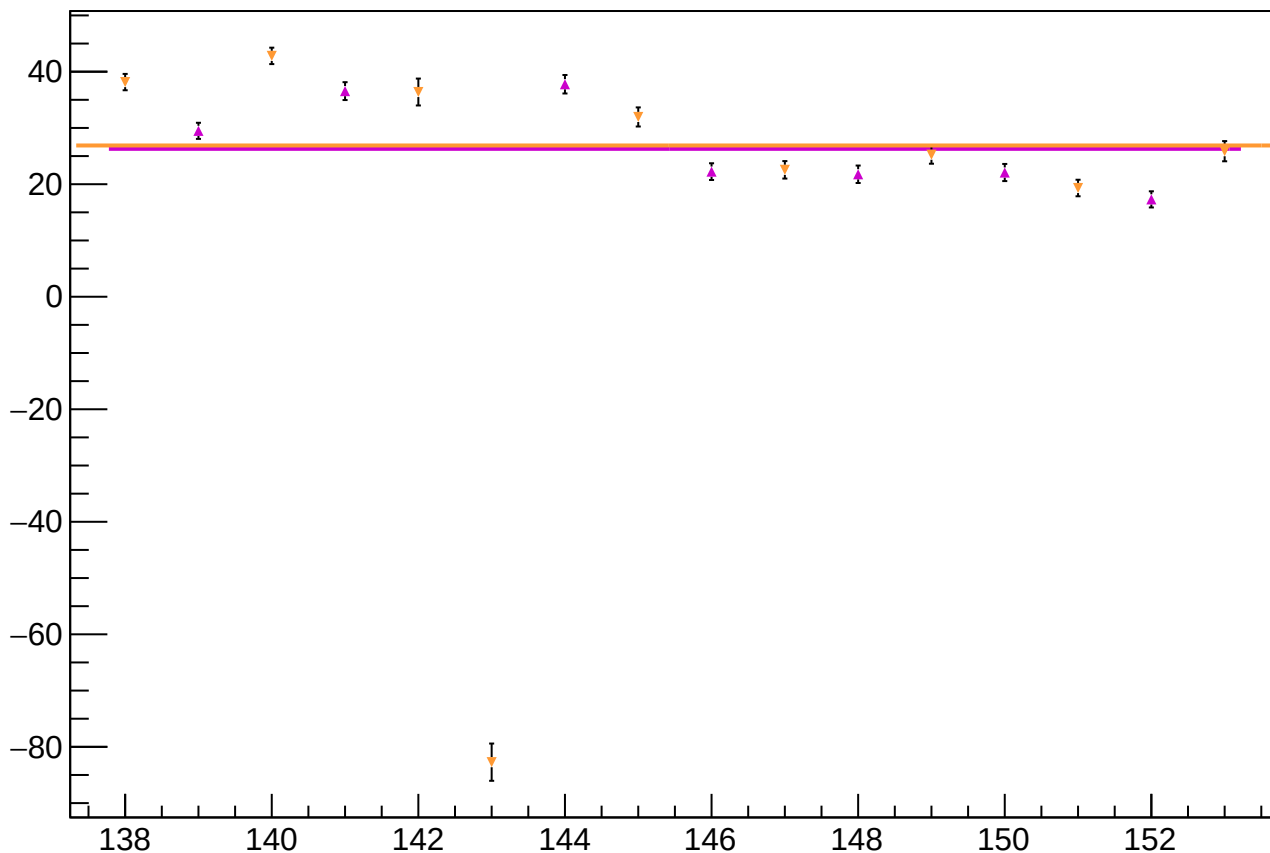
Left In: 132.198 $\pm$ 0.068 χ^2 /NDF:6825.5/6

+ sign 120.262 $\pm$ 0.048 χ^2 /NDF: 250867.4/25

All: 118.049 $\pm$ 0.034 χ^2 /NDF: 554055.8/51

- sign 115.856 $\pm$ 0.048 χ^2 /NDF: 299011.6/25

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: 26.885+/-0.565 χ^2/NDF :1335.9/8

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

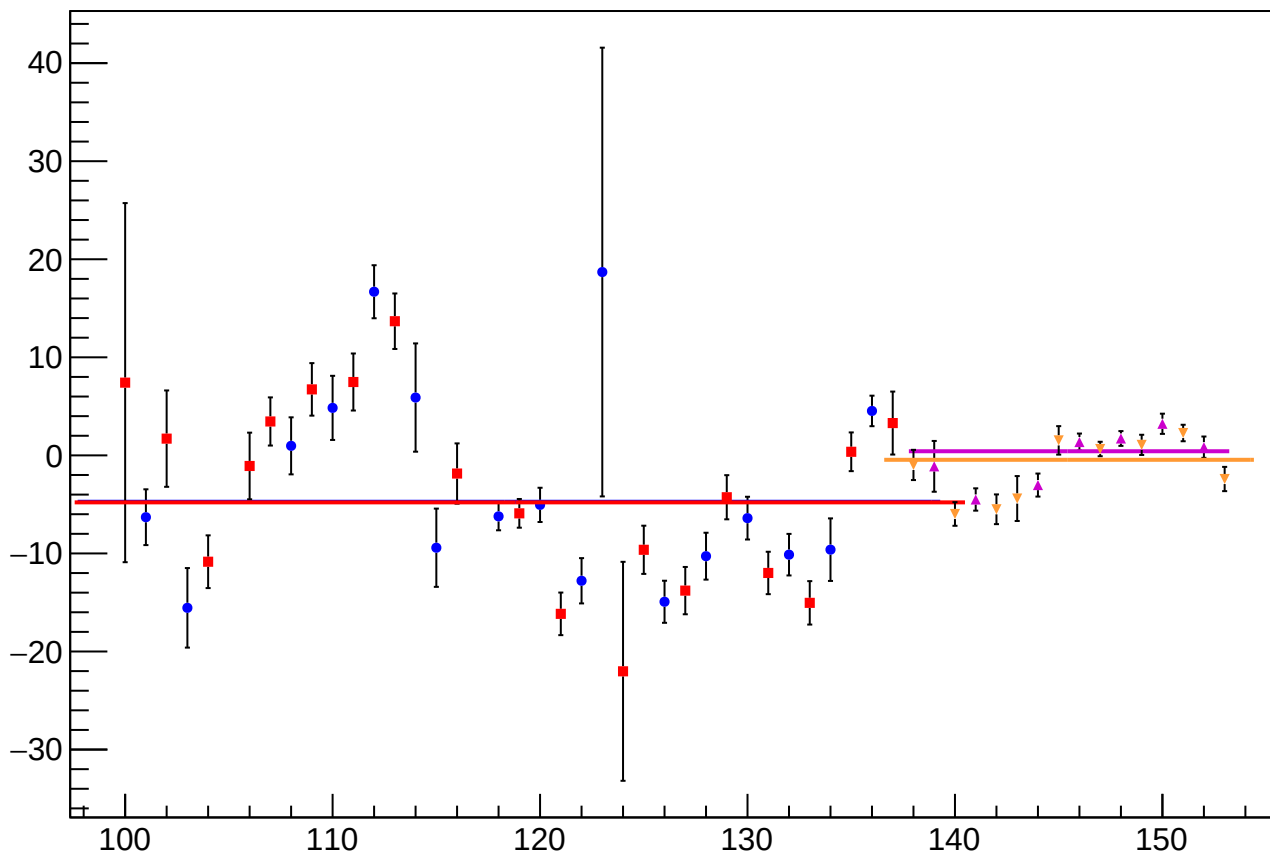
Left In: 26.287+/-0.573 χ^2/NDF :158.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.591+/-0.402 χ^2/NDF : 1494.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.451 ± 0.376 χ^2/NDF : 54.6/8

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

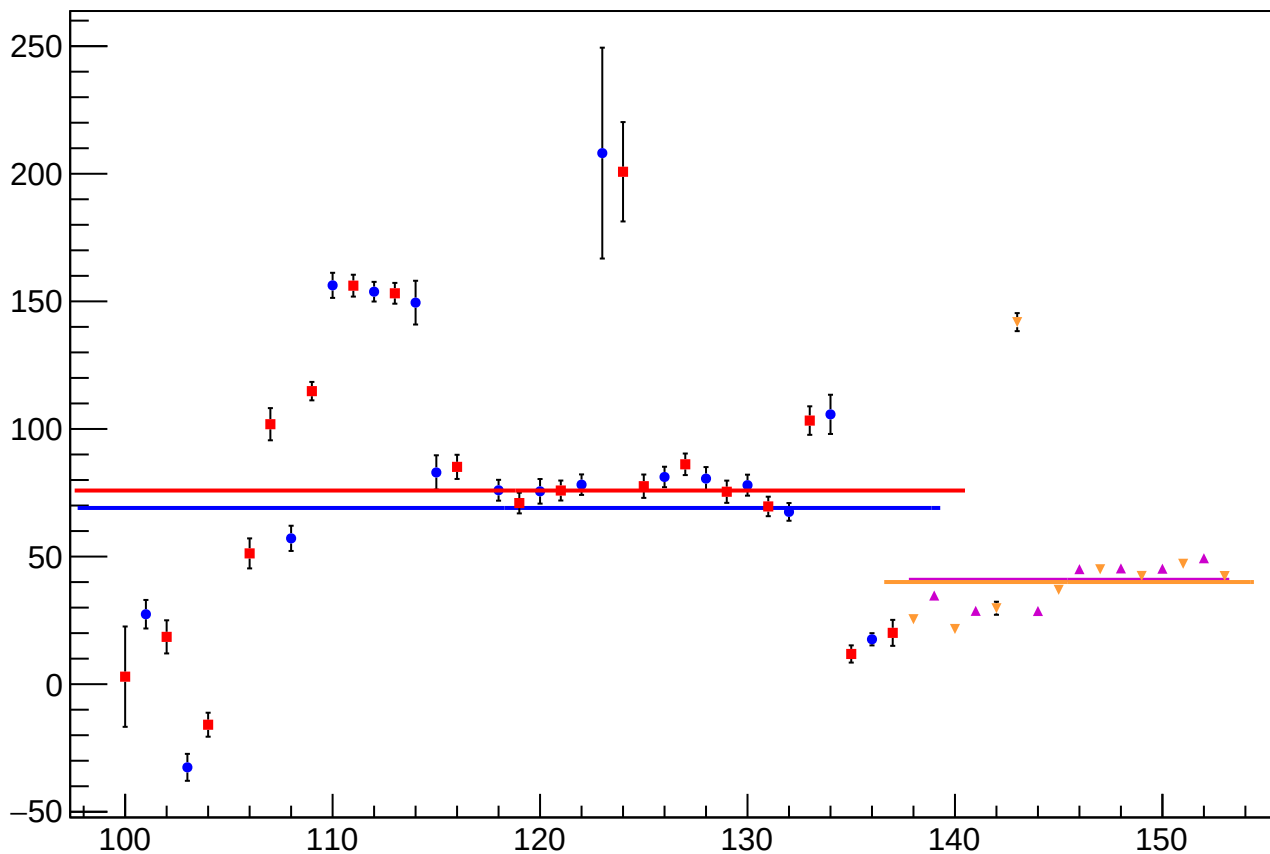
Left In: 0.421 ± 0.391 χ^2/NDF : 39.4/6

+ sign -1.720 ± 0.316 χ^2/NDF : 267.8/25

All: -1.463 ± 0.227 χ^2/NDF : 556.7/51

- sign -1.189 ± 0.325 χ^2/NDF : 287.6/25

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF : 1847.9/16

Left Out: 40.028+/-0.563 χ^2/NDF :1117.6/8

Right Out: 75.878+/-1.069 χ^2/NDF : 1895.0/18

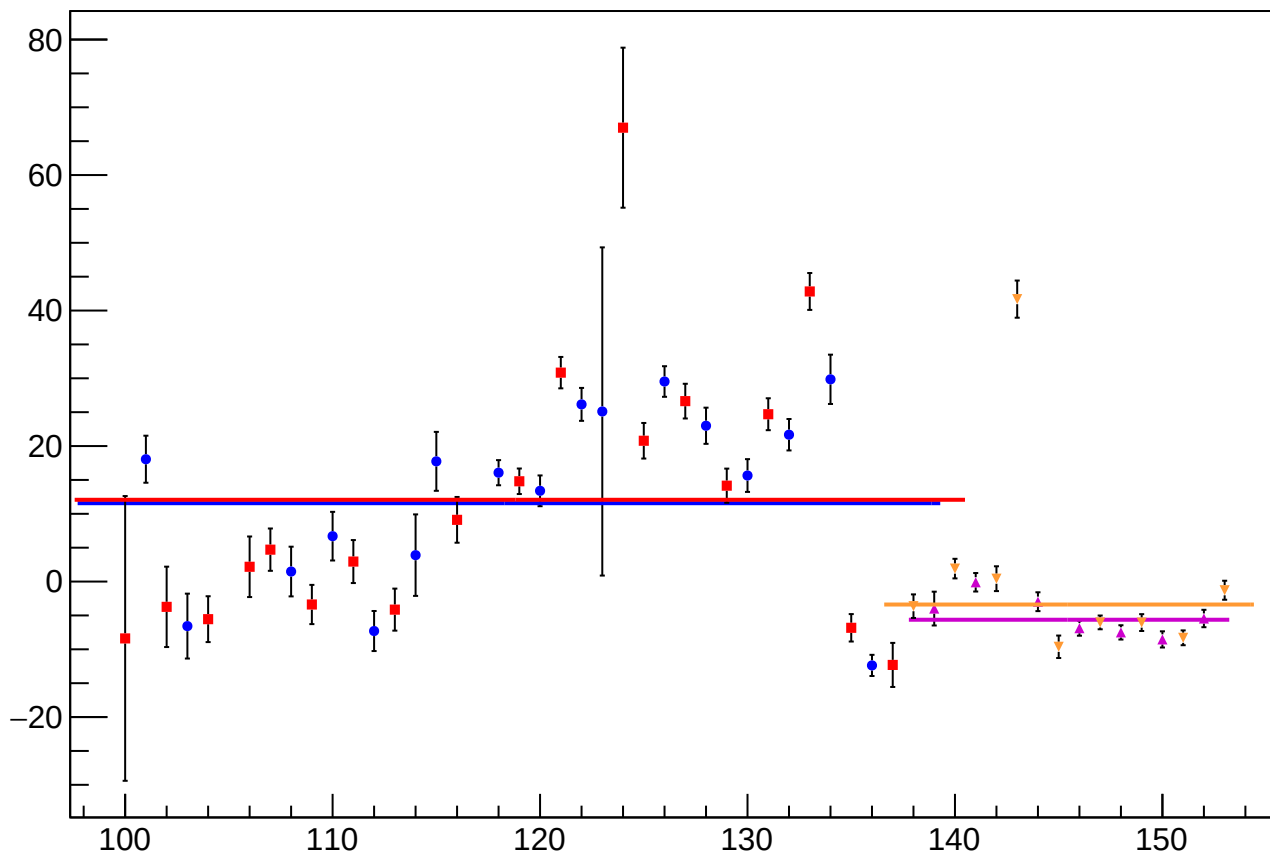
Left In: 40.900+/-0.570 χ^2/NDF :181.3/6

+ sign 46.259+/-0.499 χ^2/NDF : 3536.0/25

All: 47.436+/-0.354 χ^2/NDF : 6456.7/51

- sign 48.631+/-0.503 χ^2/NDF : 2909.5/25

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 ± 0.658 $\chi^2/\text{NDF}: 478.2/16$

Left Out: -3.388 ± 0.468 $\chi^2/\text{NDF}: 335.8/8$

Right Out: 12.071 ± 0.665 $\chi^2/\text{NDF}: 543.3/18$

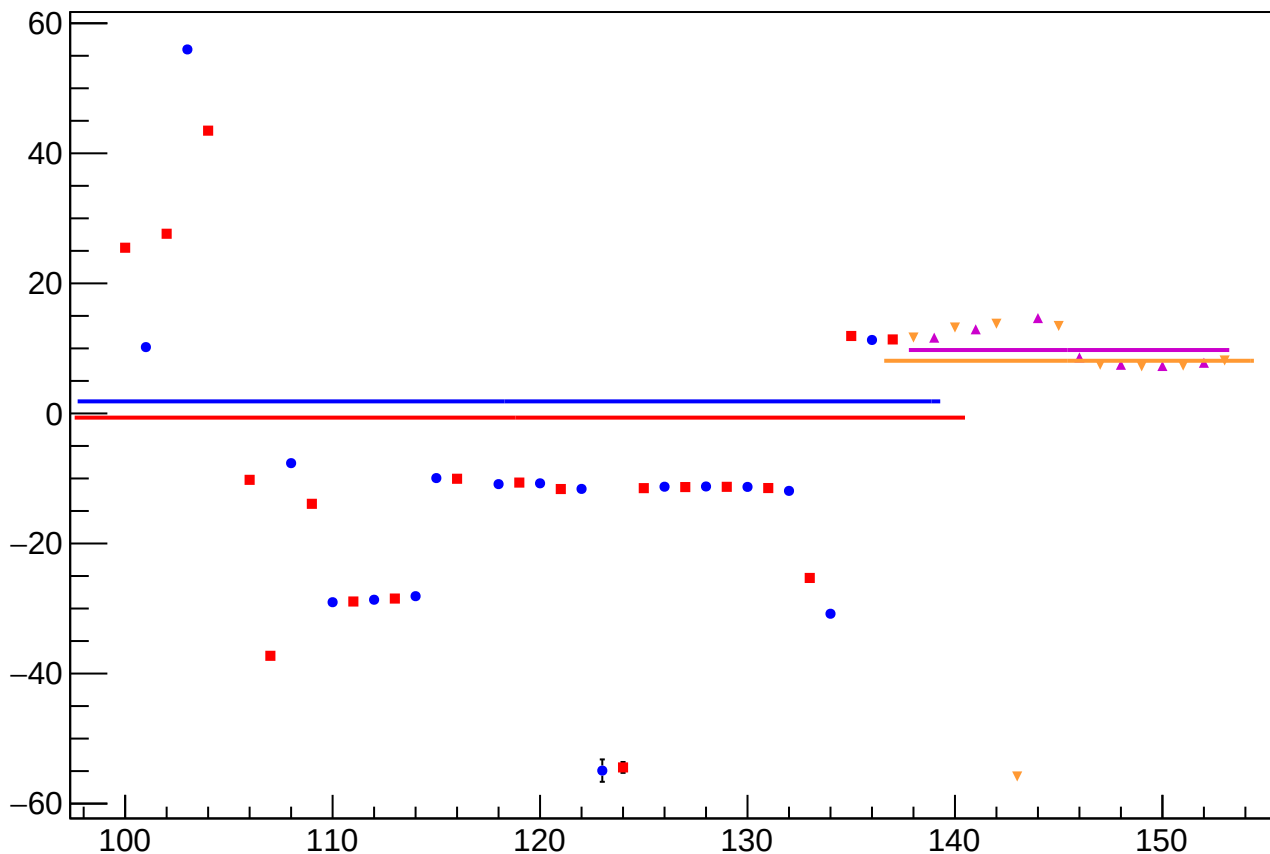
Left In: -5.635 ± 0.486 $\chi^2/\text{NDF}: 30.8/6$

+ sign 1.632 ± 0.381 $\chi^2/\text{NDF}: 1156.8/25$

All: 1.100 ± 0.273 $\chi^2/\text{NDF}: 2197.5/51$

- sign 0.536 ± 0.392 $\chi^2/\text{NDF}: 1036.7/25$

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: 8.099 $\pm$ 0.023 χ^2/NDF : 222423.0/8

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361625.7/18

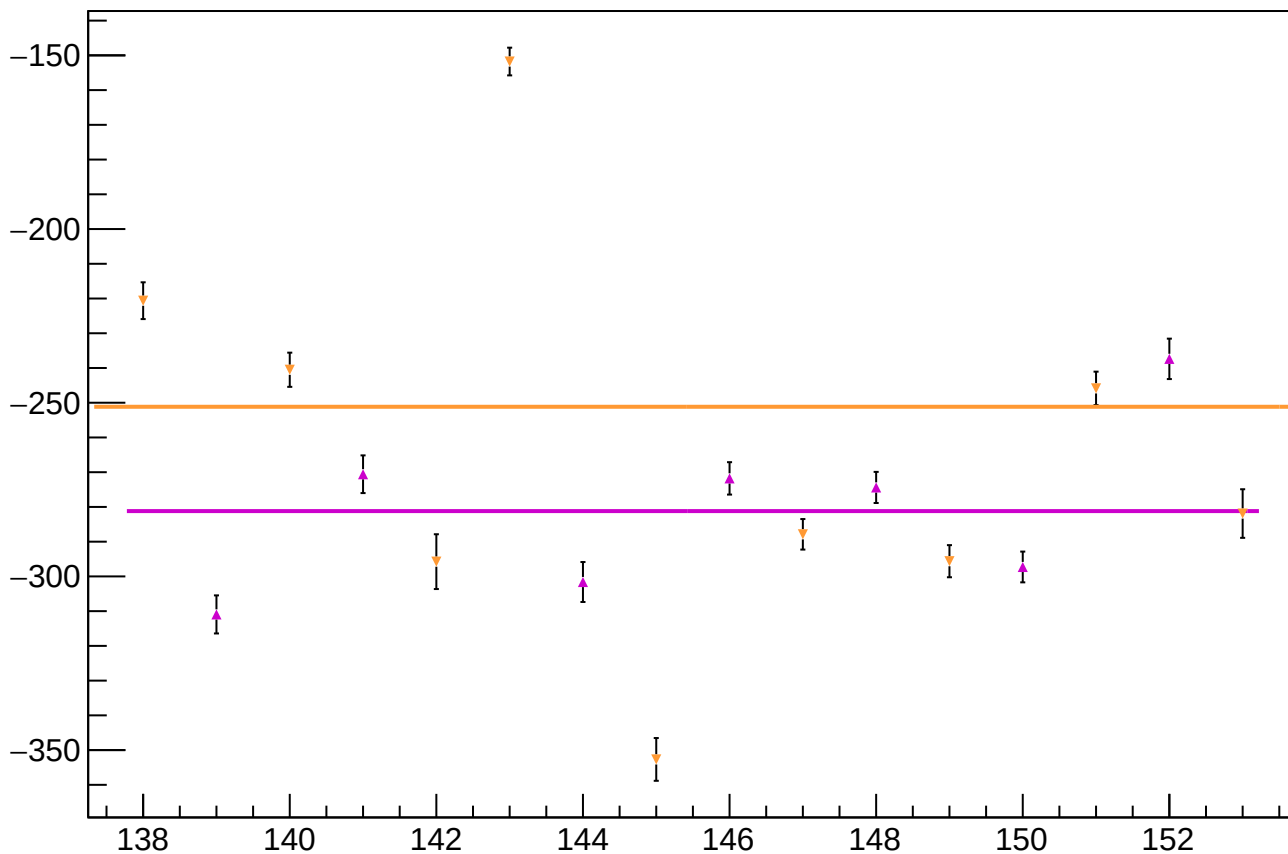
Left In: 9.751 $\pm$ 0.024 χ^2/NDF : 12028.8/6

+ sign 6.326 $\pm$ 0.020 χ^2/NDF : 602231.7/25

All: 6.544 $\pm$ 0.014 χ^2/NDF : 1032243.6/51

- sign 6.766 $\pm$ 0.020 χ^2/NDF : 429765.3/25

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: -251.162+/-1.704 χ^2/NDF : 1145.3/8

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

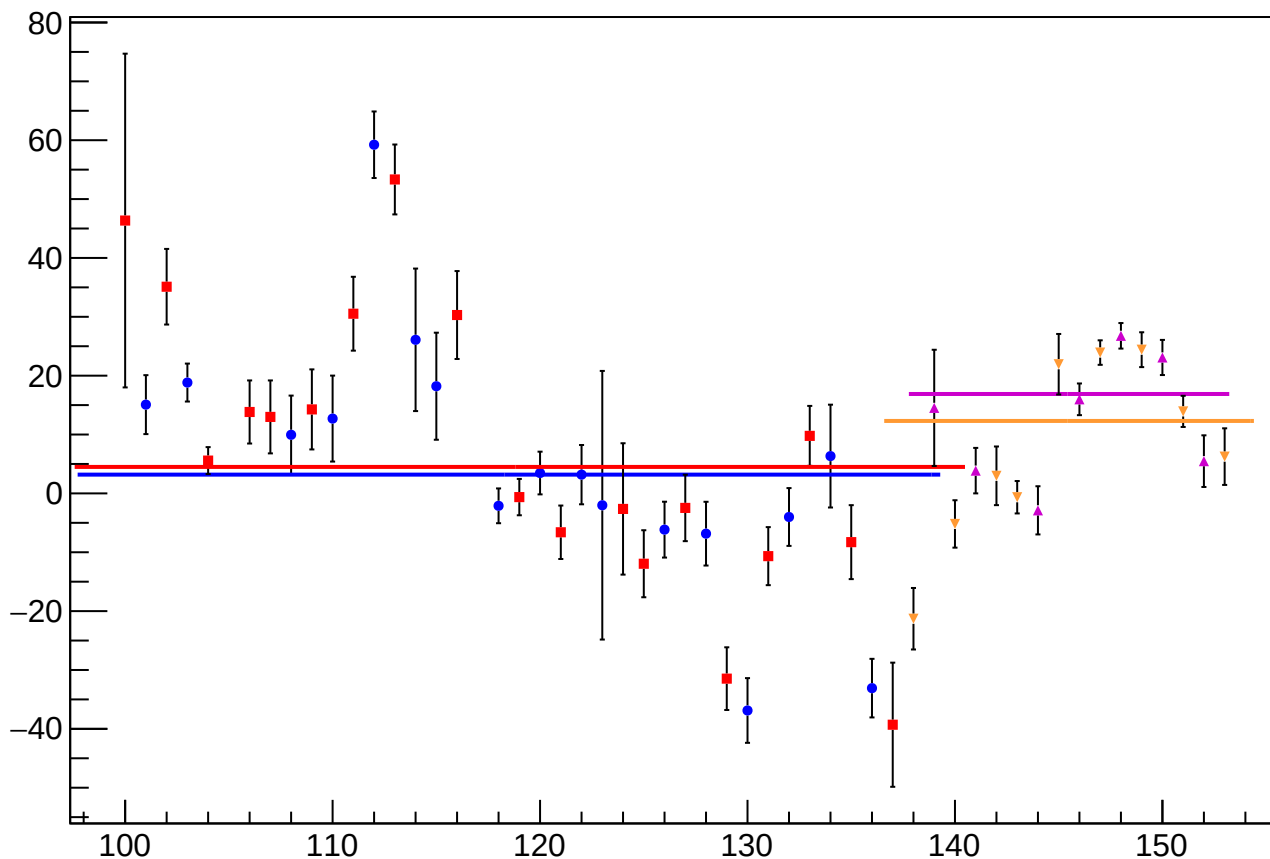
Left In: -281.196+/-1.911 χ^2/NDF : 122.2/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.464+/-1.272 χ^2/NDF : 1405.1/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: 12.308 ± 1.092 χ^2/NDF : 139.2/8

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

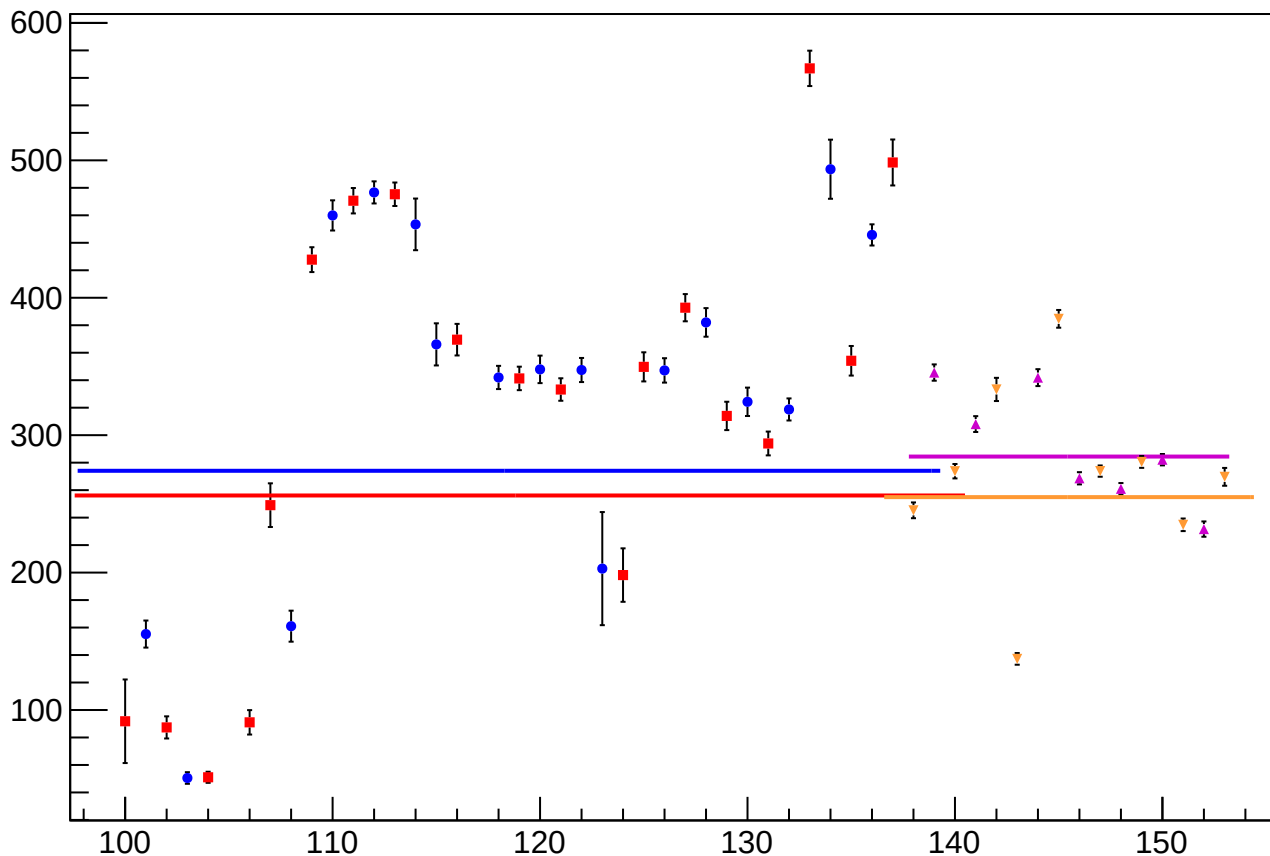
Left In: 16.888 ± 1.239 χ^2/NDF : 66.7/6

+ sign 8.273 ± 0.815 χ^2/NDF : 425.7/25

All: 9.240 ± 0.587 χ^2/NDF : 774.1/51

- sign 10.283 ± 0.847 χ^2/NDF : 345.4/25

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 254.916 $\pm$ 1.704 χ^2 /NDF:1350.8/8

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

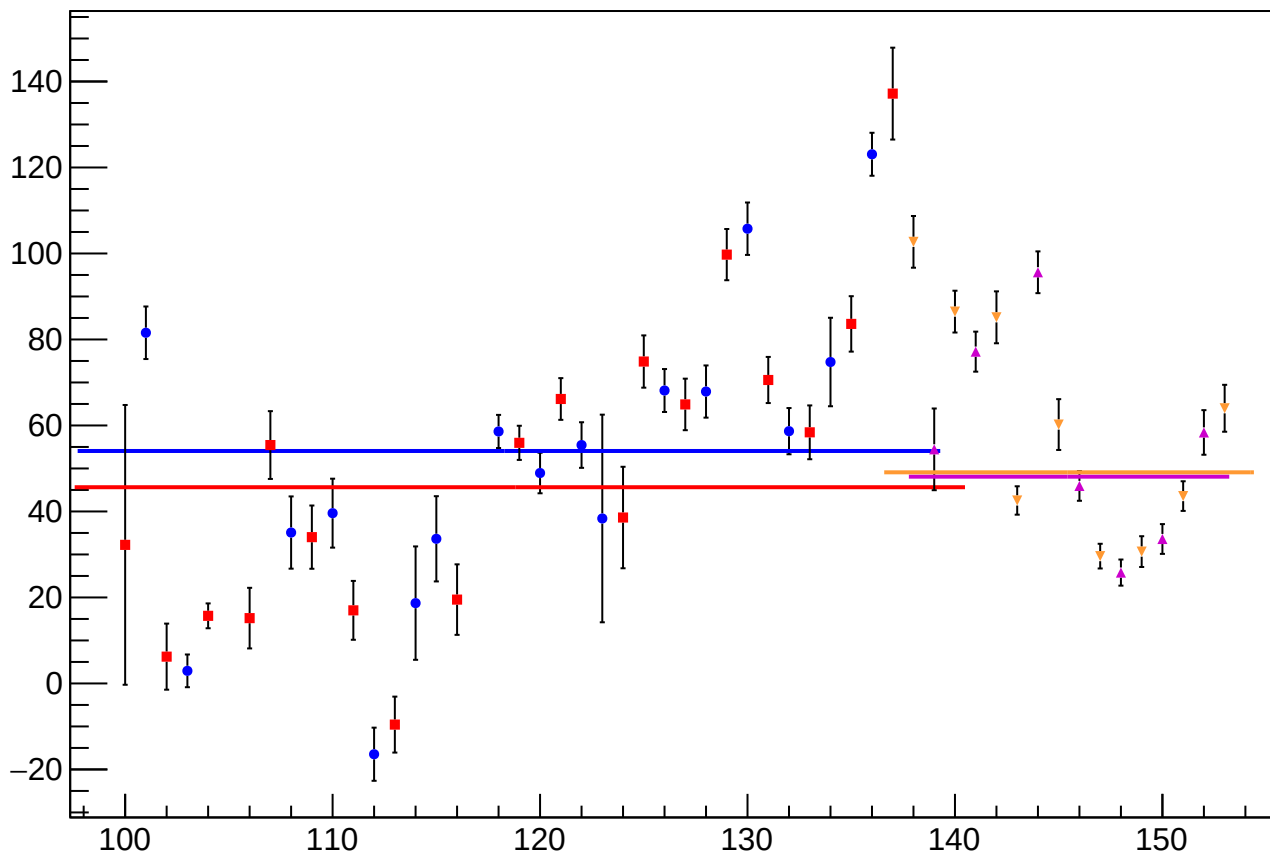
Left In: 284.437 $\pm$ 1.881 χ^2 /NDF:343.9/6

+ sign 262.140 $\pm$ 1.345 χ^2 /NDF: 6510.5/25

All: 266.742 $\pm$ 0.968 χ^2 /NDF: 13424.8/51

- sign 271.692 $\pm$ 1.395 χ^2 /NDF: 6890.0/25

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: 49.103 $\pm$ 1.367 χ^2 /NDF:264.3/8

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

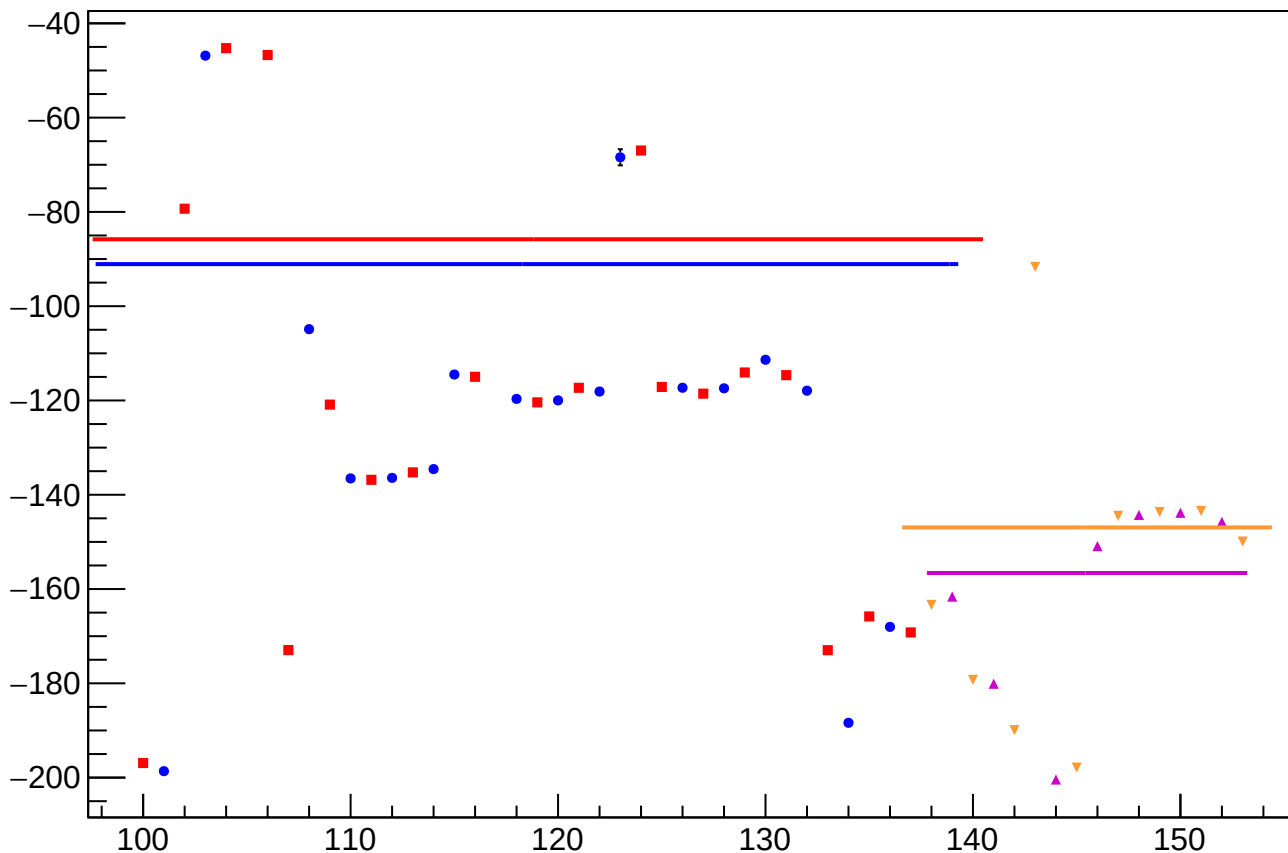
Left In: 48.092 $\pm$ 1.557 χ^2 /NDF:211.0/6

+ sign 51.490 $\pm$ 0.985 χ^2 /NDF: 905.0/25

All: 49.186 $\pm$ 0.710 χ^2 /NDF: 1659.6/51

- sign 46.699 $\pm$ 1.024 χ^2 /NDF: 743.2/25

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: -146.927 ± 0.072 χ^2/NDF : 186662.7/8

Right Out: -85.803 ± 0.065 χ^2/NDF : 495895.1/18

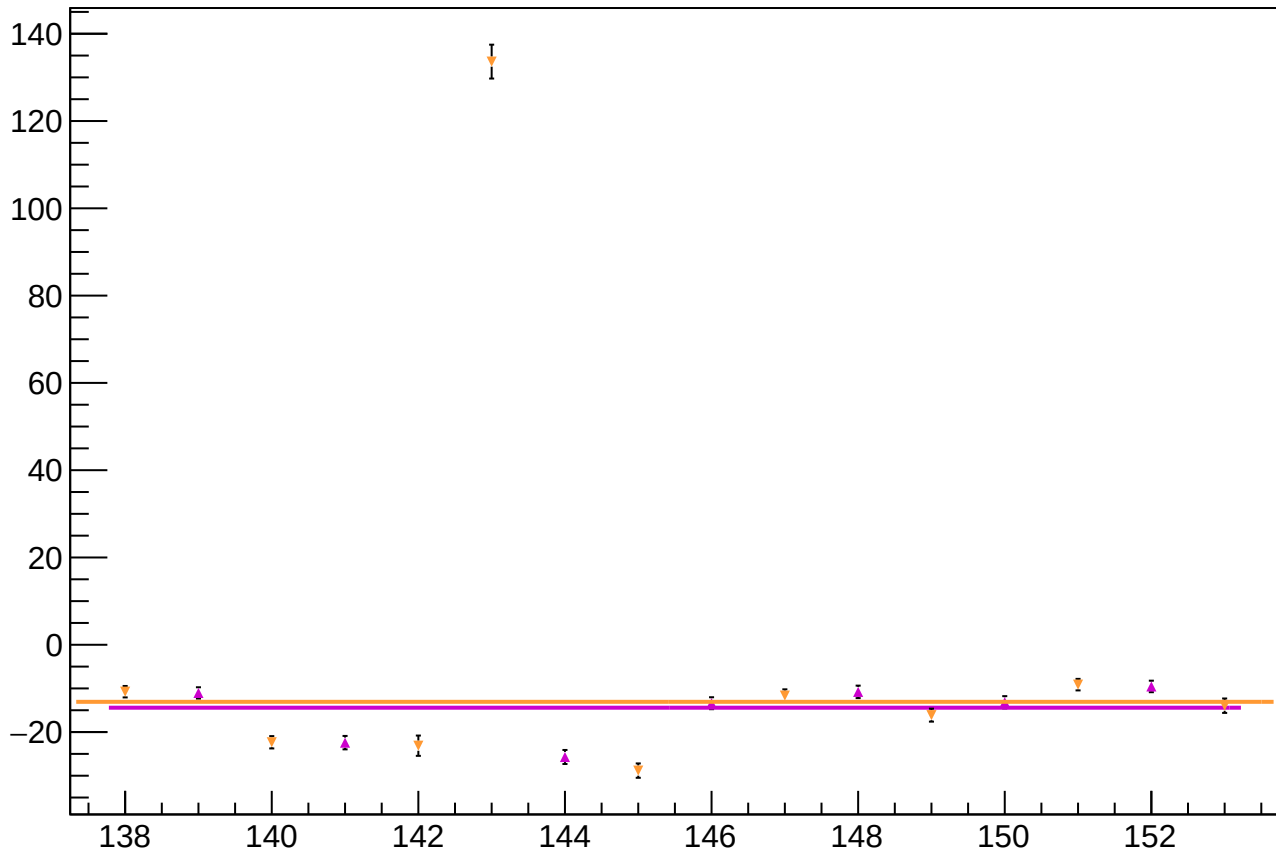
Left In: -156.599 ± 0.079 χ^2/NDF : 50225.8/6

+ sign -117.398 ± 0.049 χ^2/NDF : 1043720.7/25

All: -116.017 ± 0.035 χ^2/NDF : 2073024.1/51

- sign -114.579 ± 0.050 χ^2/NDF : 1027688.6/25

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.071+/-0.529 χ^2/NDF :1599.2/8

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

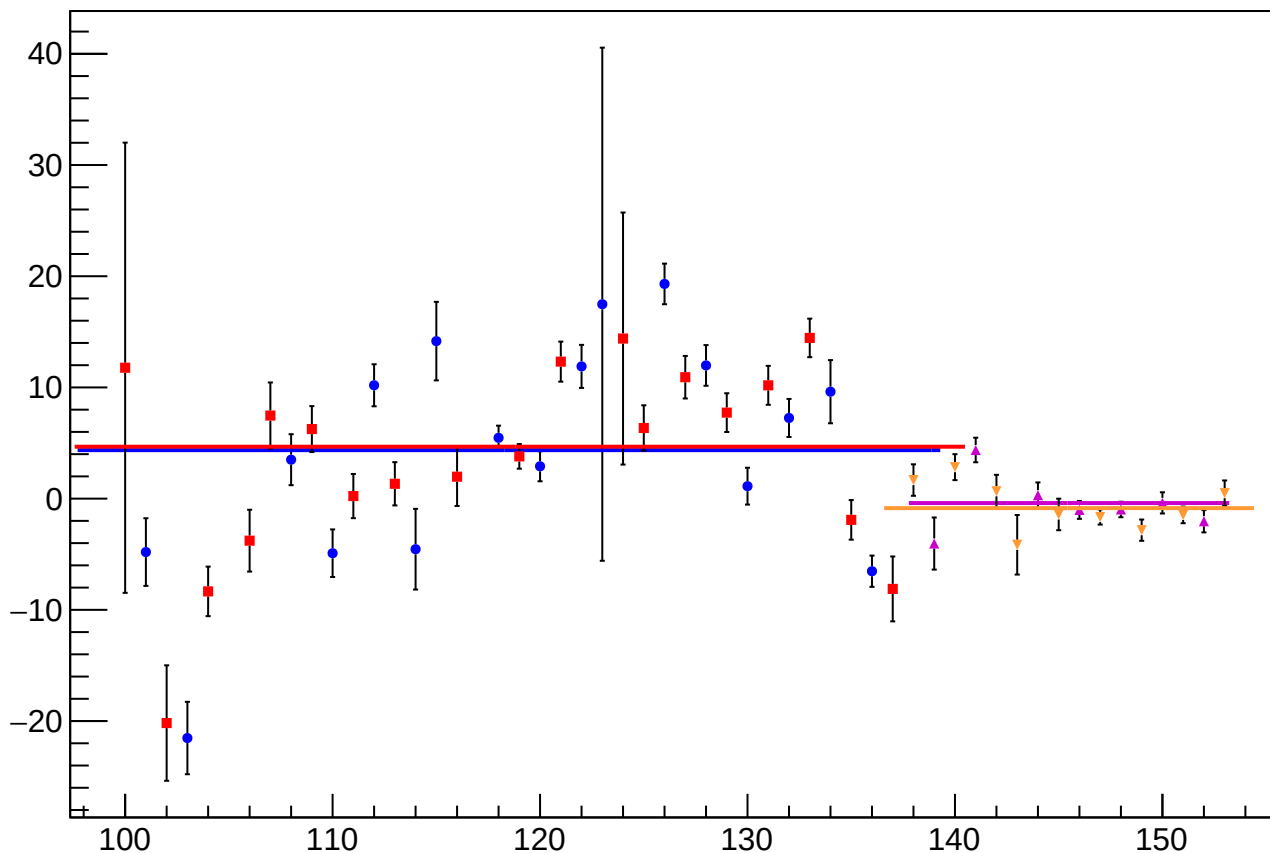
Left In: -14.419+/-0.534 χ^2/NDF :104.6/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.737+/-0.376 χ^2/NDF : 1707.0/15

- 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: -0.854 ± 0.351 χ^2/NDF : 23.6/8

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

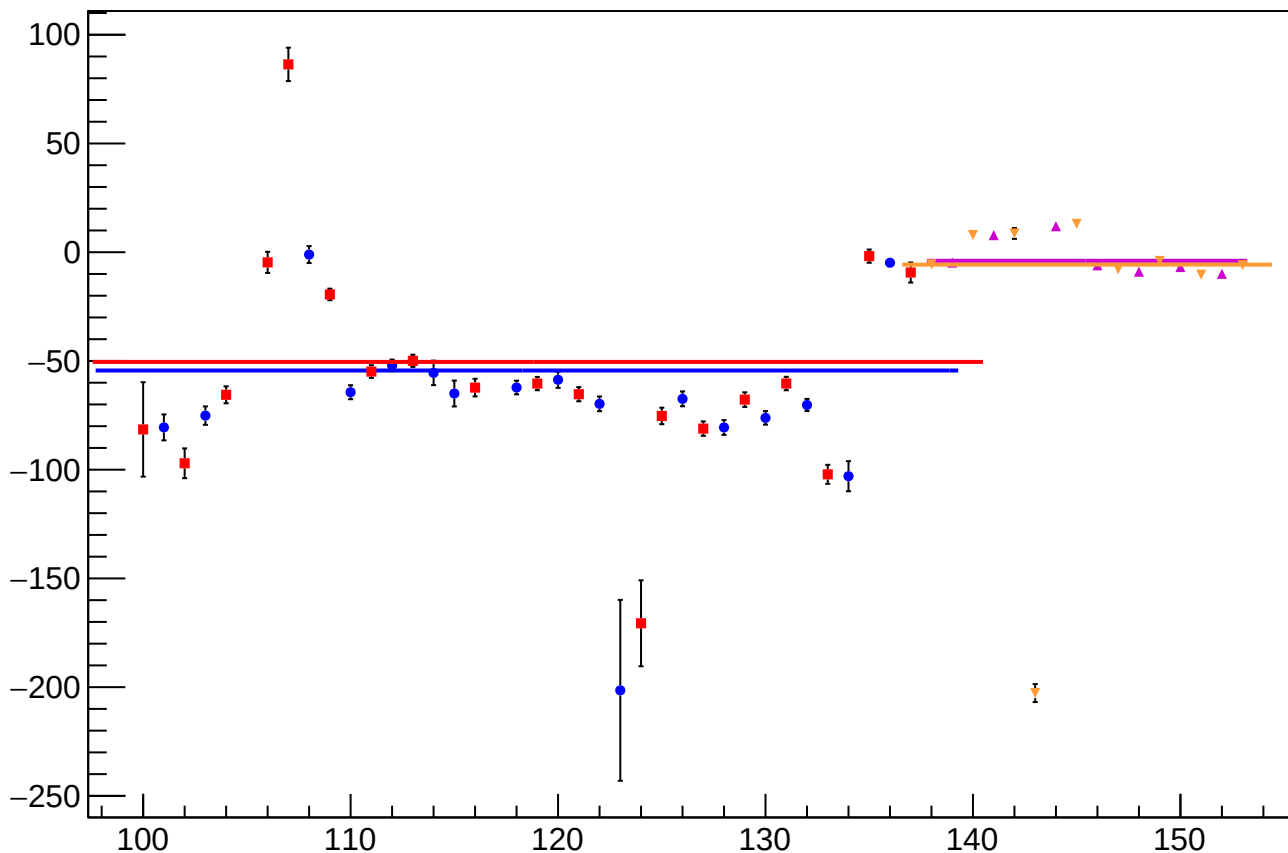
Left In: -0.397 ± 0.366 χ^2/NDF : 25.4/6

+ sign 1.041 ± 0.280 χ^2/NDF : 390.4/25

All: 1.259 ± 0.201 χ^2/NDF : 674.1/51

- sign 1.492 ± 0.290 χ^2/NDF : 282.4/25

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: -5.708±/0.526 χ^2/NDF : 2513.8/8

Right Out: -50.441±/0.857 χ^2/NDF : 1324.7/18

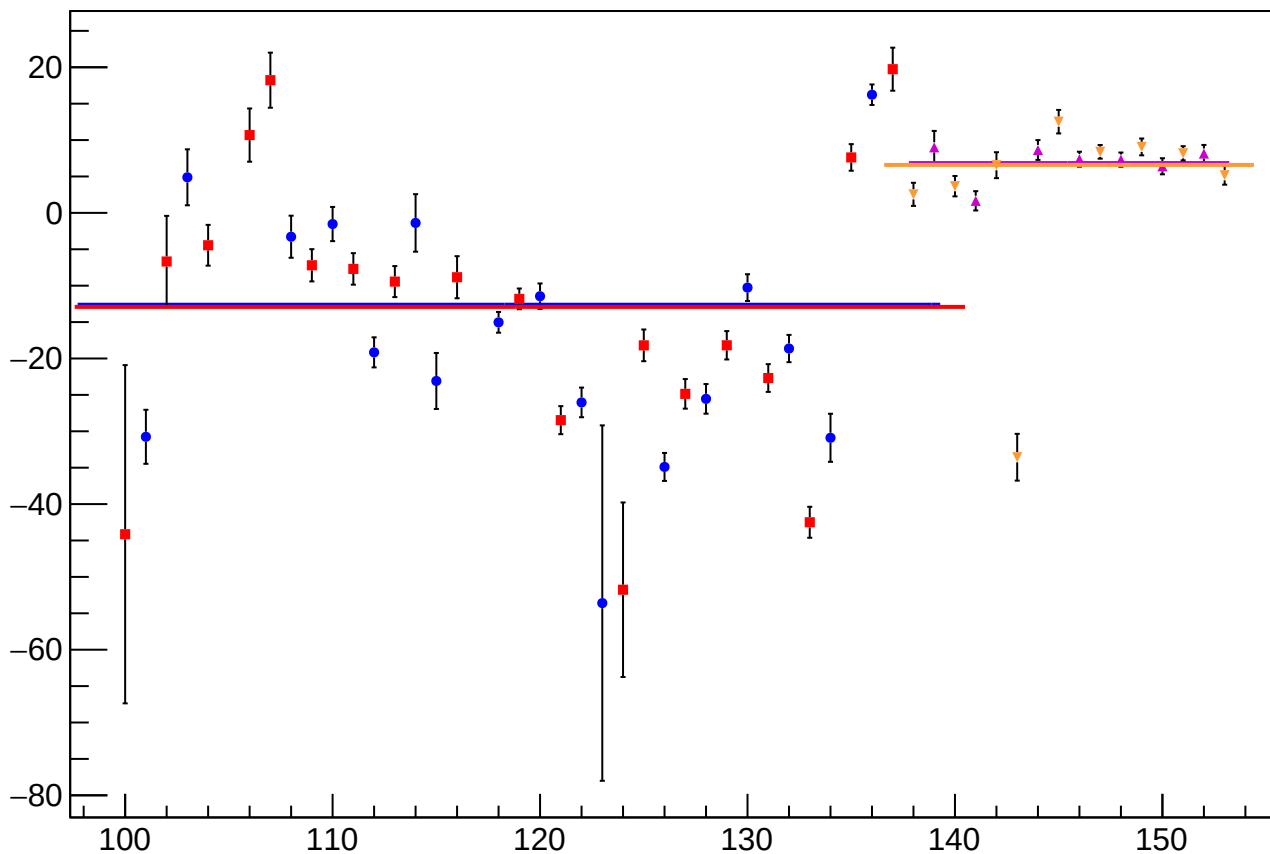
Left In: -3.948±/0.530 χ^2/NDF : 181.3/6

+ sign -18.892±/0.449 χ^2/NDF : 5850.4/25

All: -17.854±/0.318 χ^2/NDF : 9494.3/51

- sign -16.807±/0.451 χ^2/NDF : 3633.2/25

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: 6.588 ± 0.437 χ^2/NDF : 192.8/8

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

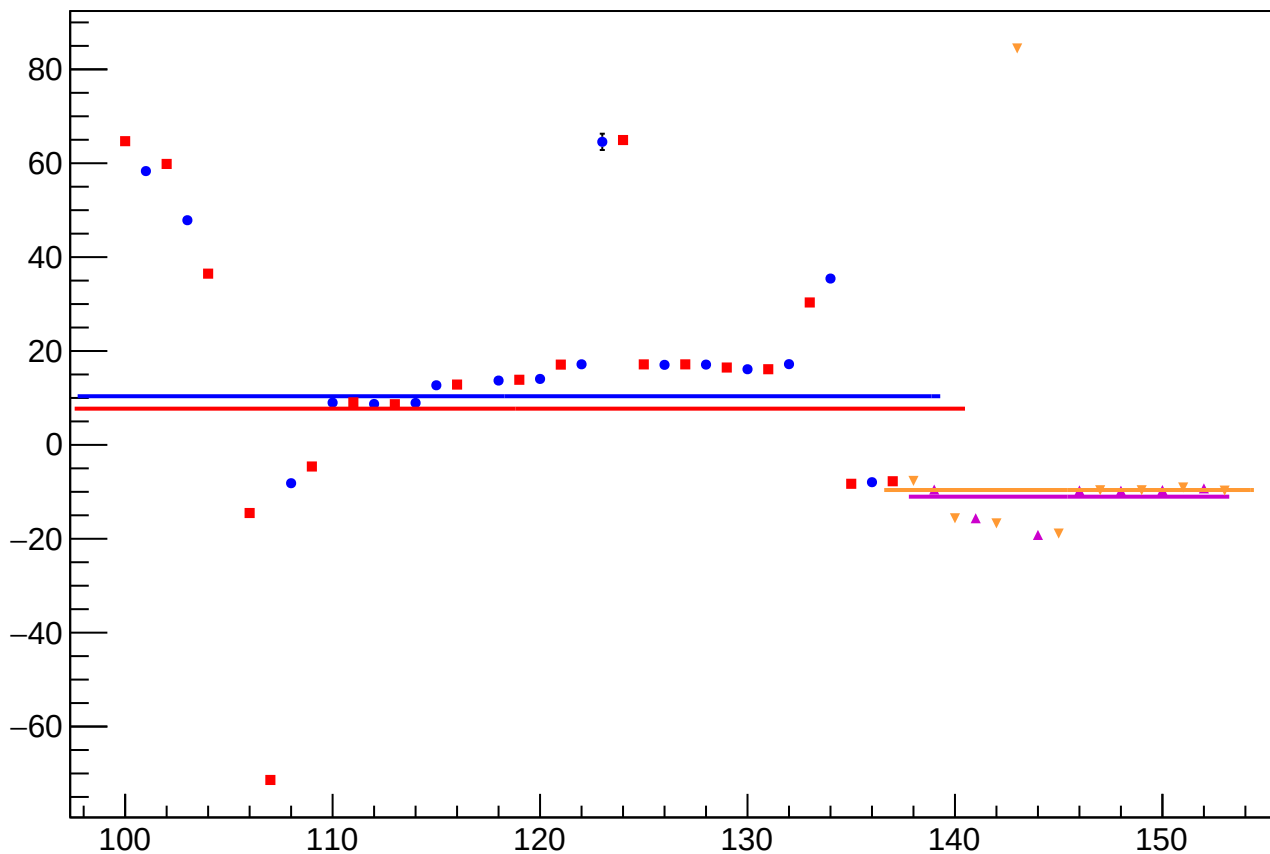
Left In: 6.845 ± 0.454 χ^2/NDF : 19.9/6

+ sign -1.181 ± 0.337 χ^2/NDF : 1762.3/25

All: -1.273 ± 0.242 χ^2/NDF : 3299.8/51

- sign -1.371 ± 0.347 χ^2/NDF : 1537.3/25

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: -9.613+/-0.022 χ^2/NDF : 354433.2/8

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

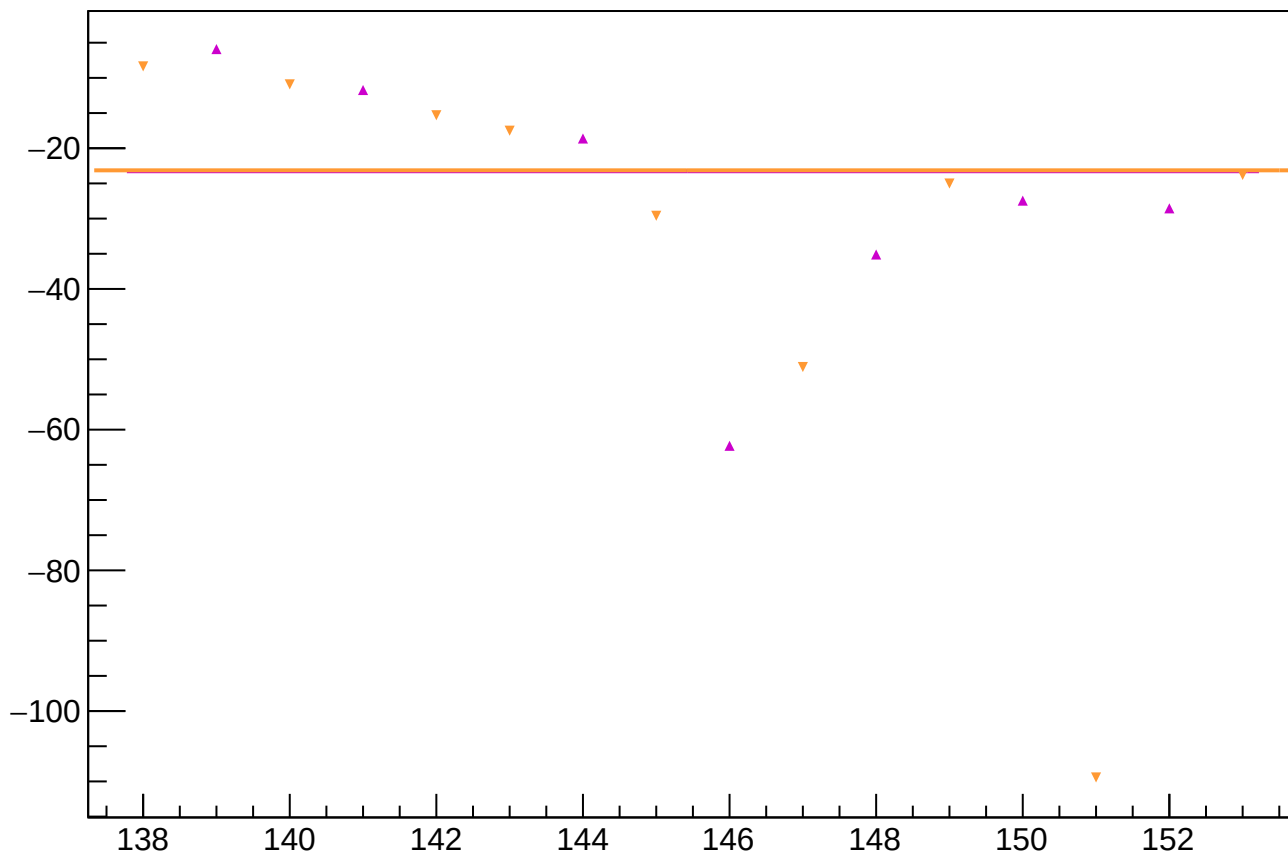
Left In: -11.033+/-0.022 χ^2/NDF : 20360.3/6

+ sign -2.890+/-0.018 χ^2/NDF : 1019448.5/25

All: -3.872+/-0.013 χ^2/NDF : 1832898.4/51

- sign -4.877+/-0.018 χ^2/NDF : 807230.9/25

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.141+/-0.092 χ^2/NDF : 48914.3/8

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

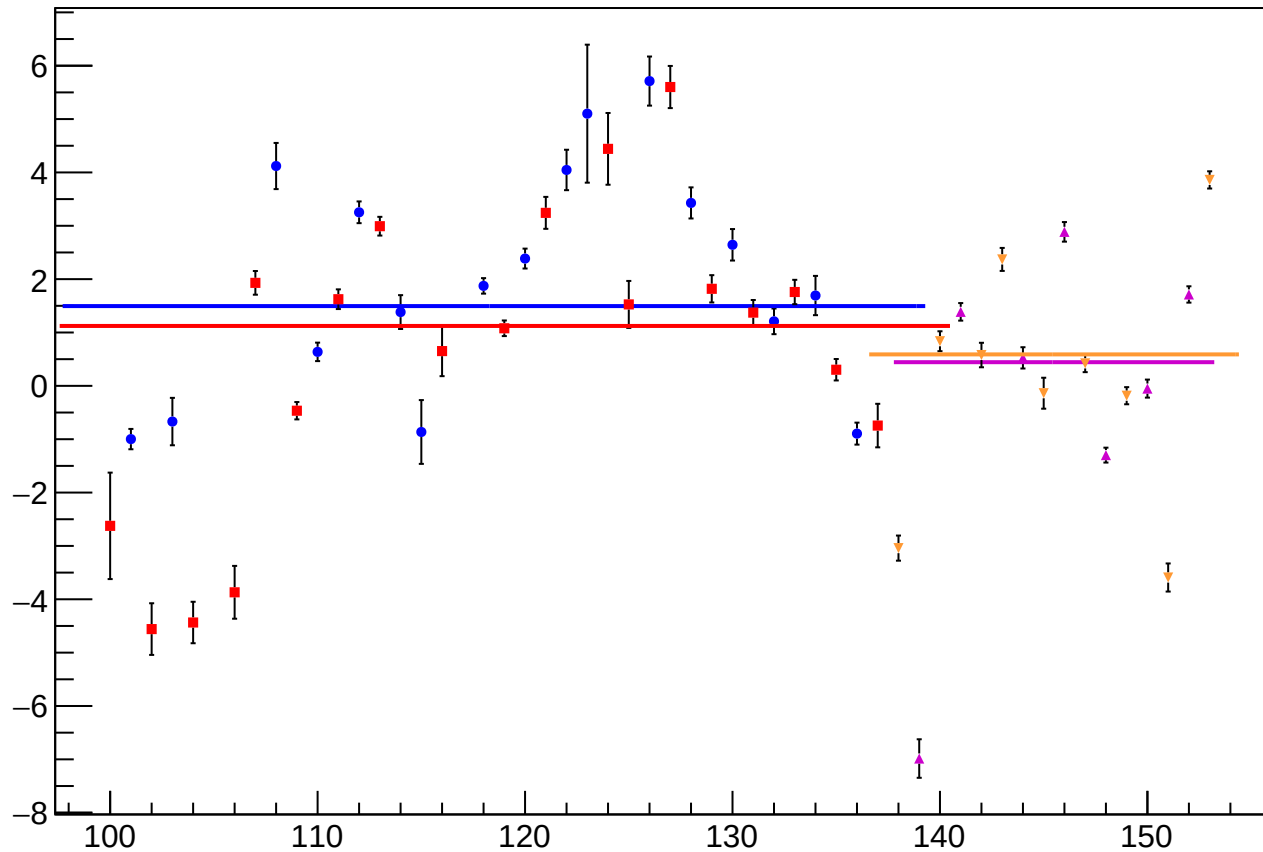
Left In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.203+/-0.066 χ^2/NDF : 77367.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: 0.590 ± 0.066 χ^2/NDF : 1001.1/8

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

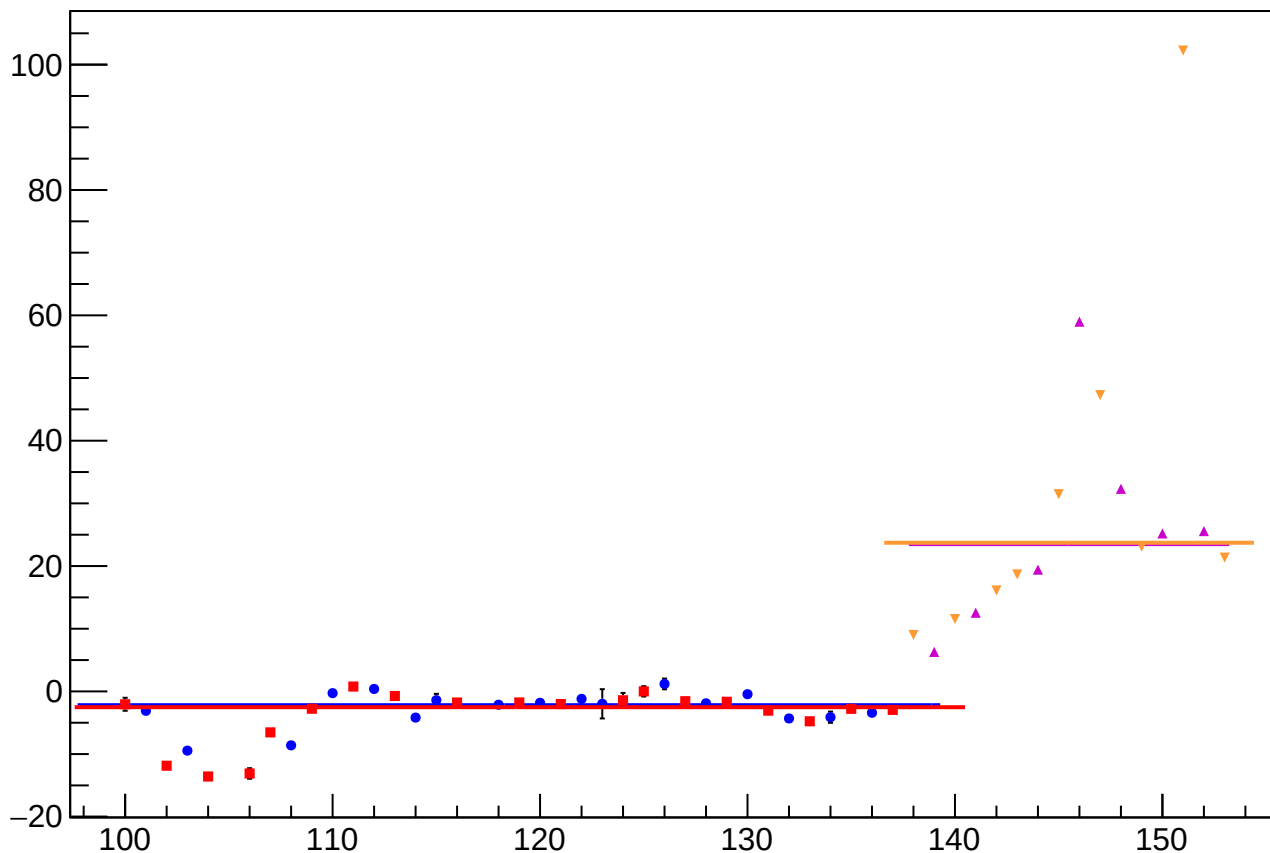
Left In: 0.444 ± 0.066 χ^2/NDF : 866.2/6

+ sign 1.079 ± 0.045 χ^2/NDF : 1810.9/25

All: 0.949 ± 0.031 χ^2/NDF : 3699.2/51

- sign 0.827 ± 0.044 χ^2/NDF : 1872.1/25

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 23.719 ± 0.093 χ^2/NDF : 43616.5/8

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

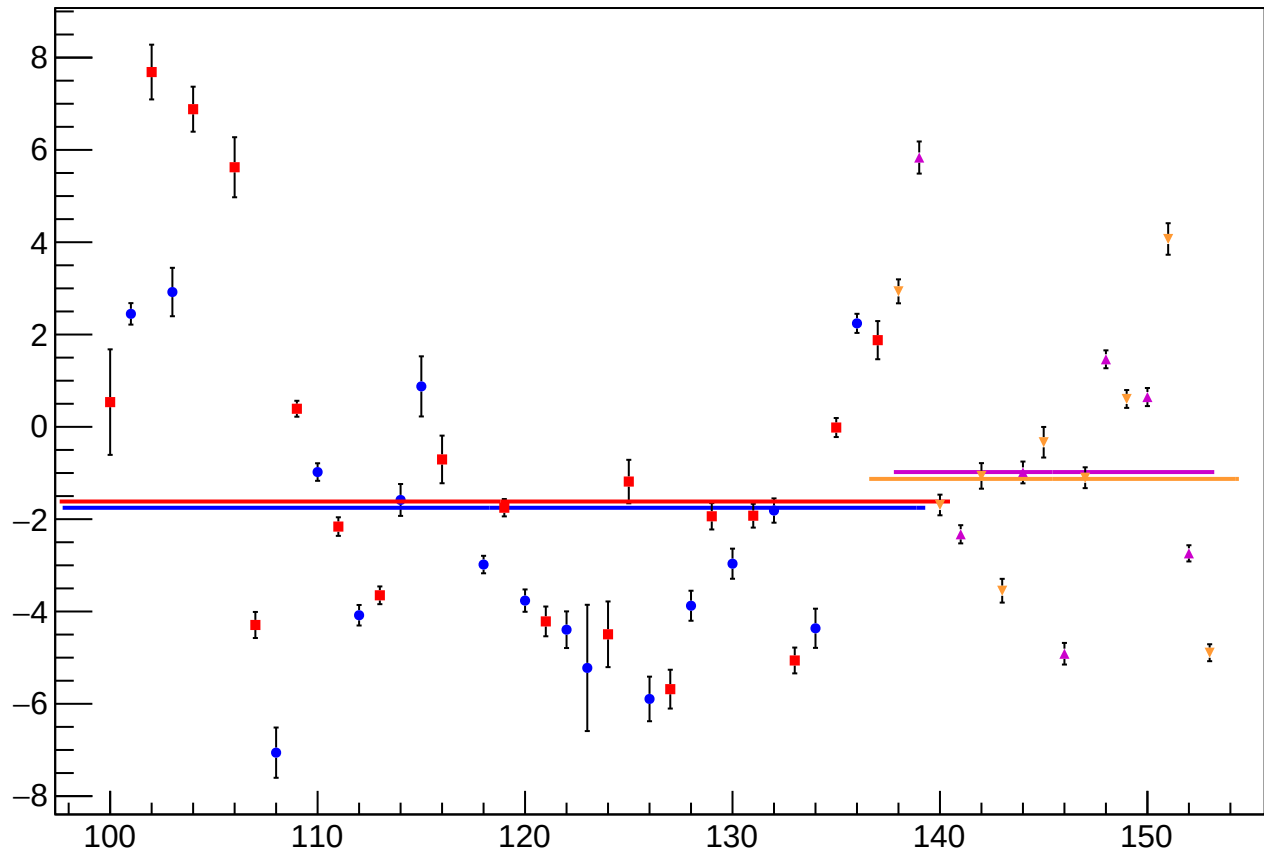
Left In: 23.499 ± 0.093 χ^2/NDF : 23833.3/6

+ sign 12.944 ± 0.071 χ^2/NDF : 76175.8/25

All: 12.080 ± 0.049 χ^2/NDF : 137913.3/51

- sign 11.299 ± 0.068 χ^2/NDF : 61457.6/25

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF : 1345.0/16

Left Out: -1.128+/-0.080 χ^2/NDF : 1078.0/8

Right Out: -1.617+/-0.066 χ^2/NDF : 1487.5/18

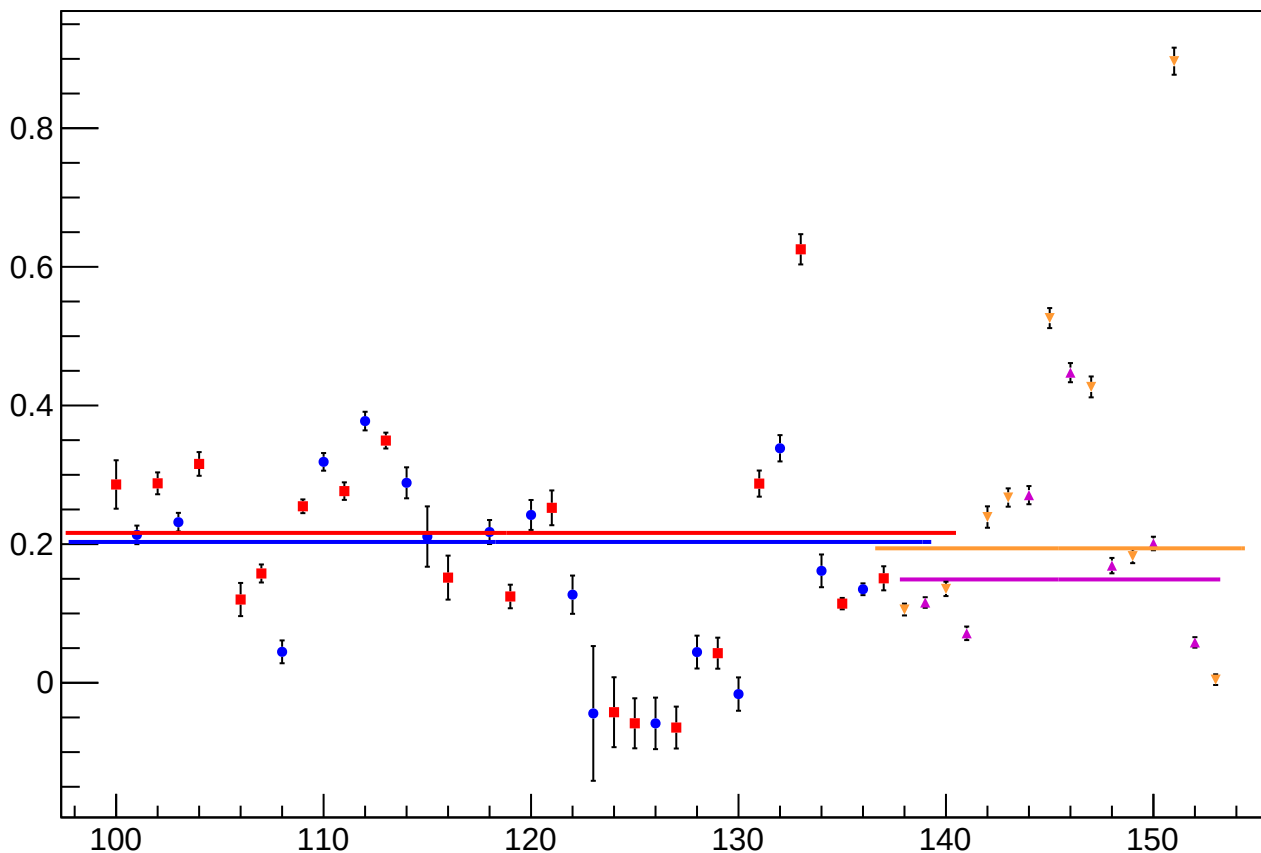
Left In: -0.979+/-0.080 χ^2/NDF : 1041.1/6

+ sign -1.480+/-0.053 χ^2/NDF : 2457.6/25

All: -1.418+/-0.037 χ^2/NDF : 5026.7/51

- sign -1.361+/-0.051 χ^2/NDF : 2566.5/25

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.194 ± 0.004 χ^2/NDF : 2849.2/8

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

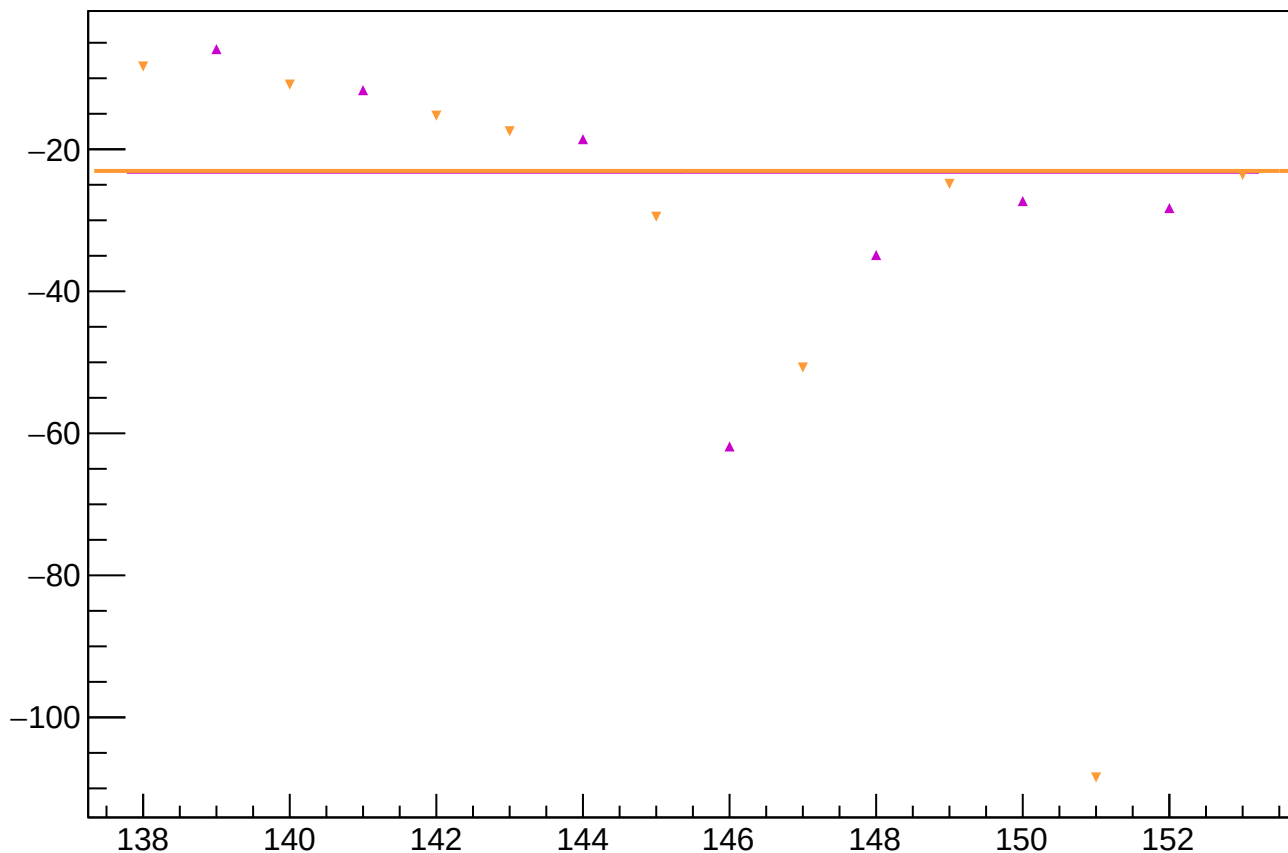
Left In: 0.149 ± 0.004 χ^2/NDF : 809.5/6

+ sign 0.198 ± 0.003 χ^2/NDF : 3529.1/25

All: 0.190 ± 0.002 χ^2/NDF : 5590.0/51

- sign 0.182 ± 0.003 χ^2/NDF : 2043.7/25

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.050+/-0.092 χ^2/NDF : 48795.8/8

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

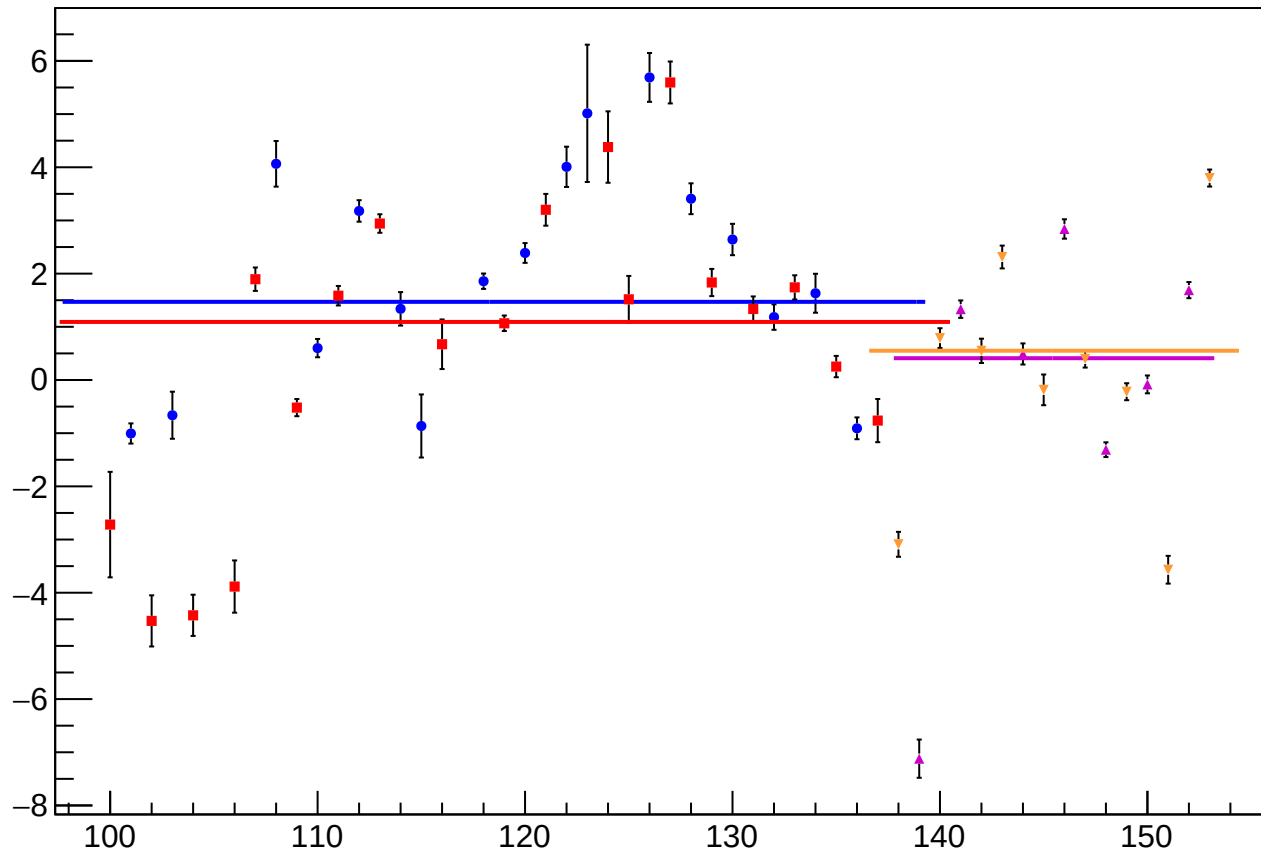
Left In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.105+/-0.065 χ^2/NDF : 77152.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: 0.551 ± 0.066 χ^2/NDF : 1001.0/8

Right Out: 1.092 ± 0.058 χ^2/NDF : 952.1/18

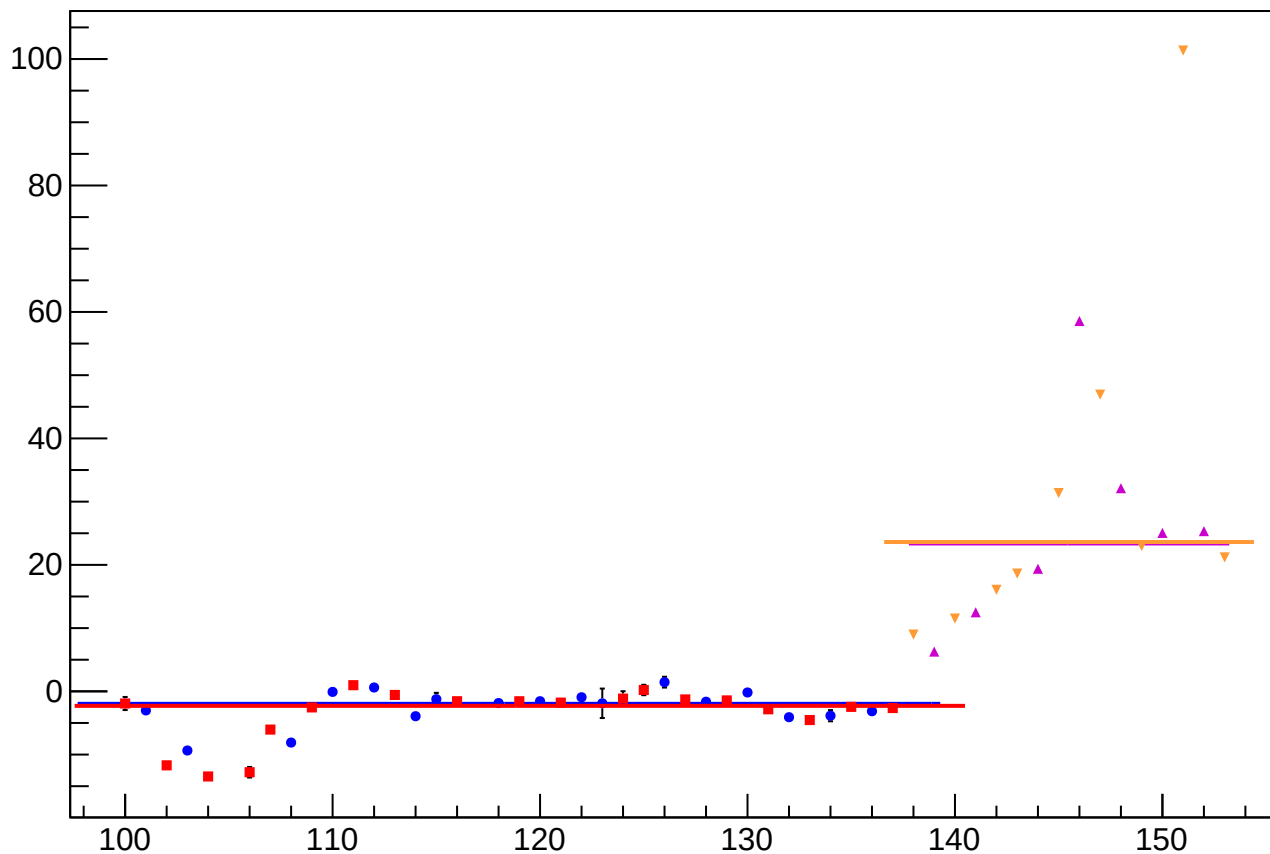
Left In: 0.410 ± 0.066 χ^2/NDF : 882.2/6

+ sign 1.047 ± 0.045 χ^2/NDF : 1814.0/25

All: 0.917 ± 0.031 χ^2/NDF : 3725.4/51

- sign 0.794 ± 0.043 χ^2/NDF : 1894.9/25

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 23.618 ± 0.093 χ^2/NDF : 43510.9/8

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

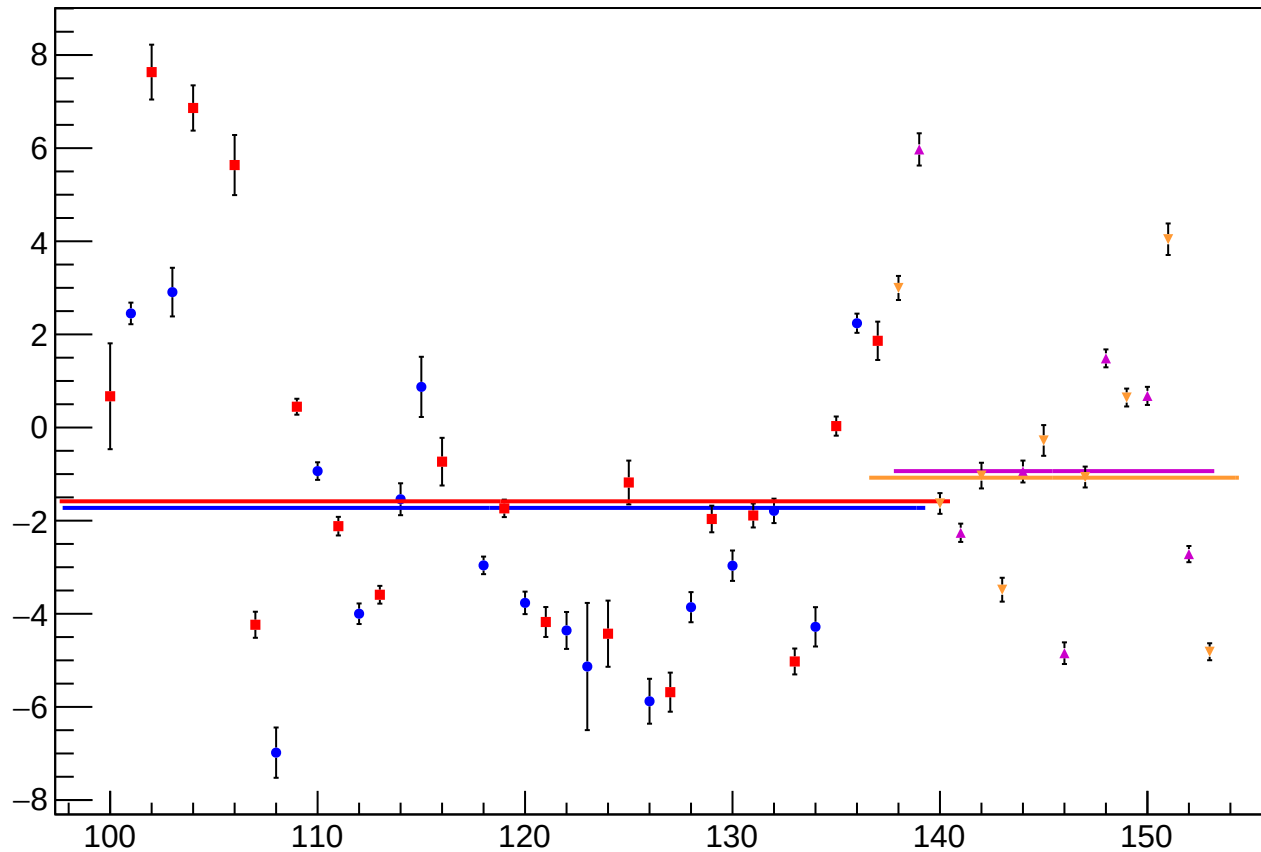
Left In: 23.385 ± 0.092 χ^2/NDF : 23751.9/6

+ sign 12.990 ± 0.071 χ^2/NDF : 75610.7/25

All: 12.132 ± 0.049 χ^2/NDF : 136732.2/51

- sign 11.357 ± 0.067 χ^2/NDF : 60842.8/25

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -1.077 ± 0.079 χ^2/NDF : 1078.6/8

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

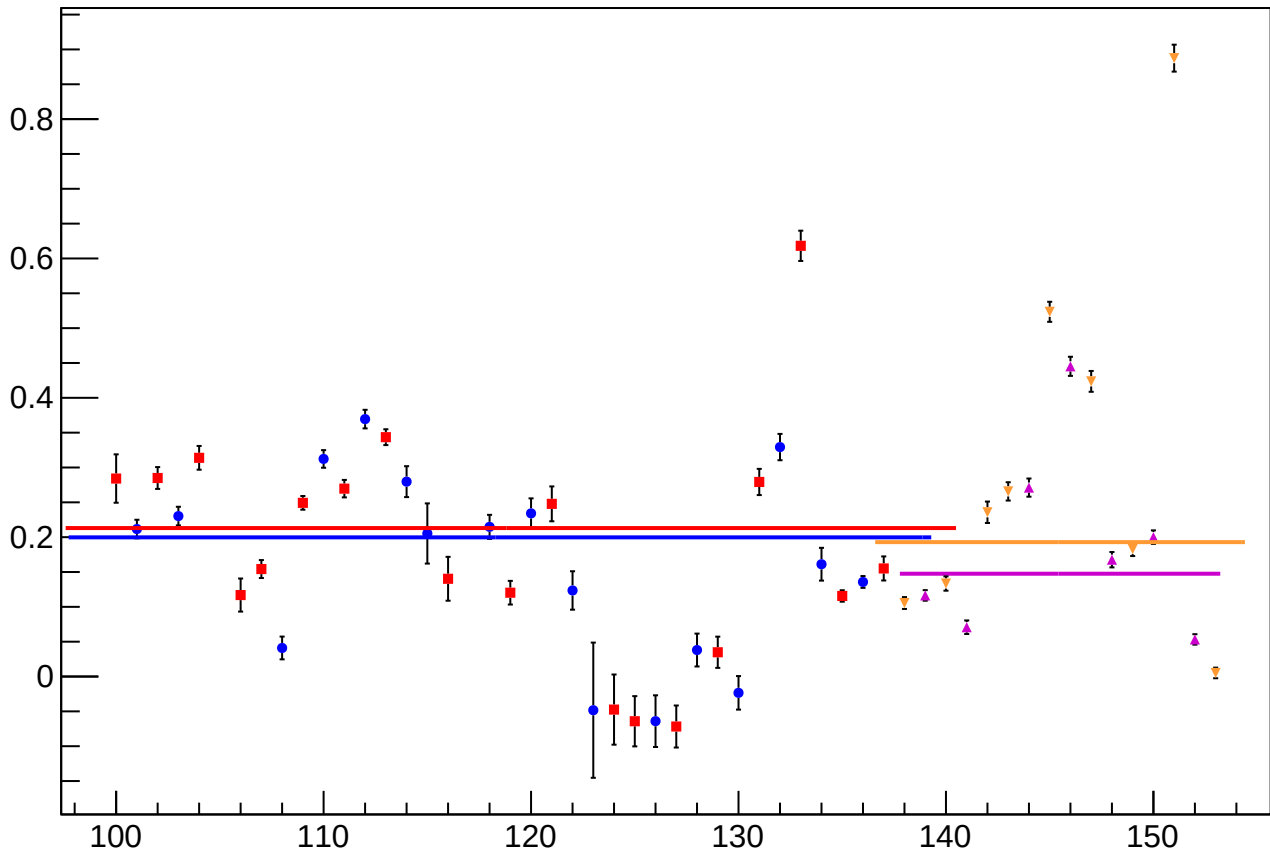
Left In: -0.936 ± 0.080 χ^2/NDF : 1058.5/6

+ sign -1.442 ± 0.053 χ^2/NDF : 2457.6/25

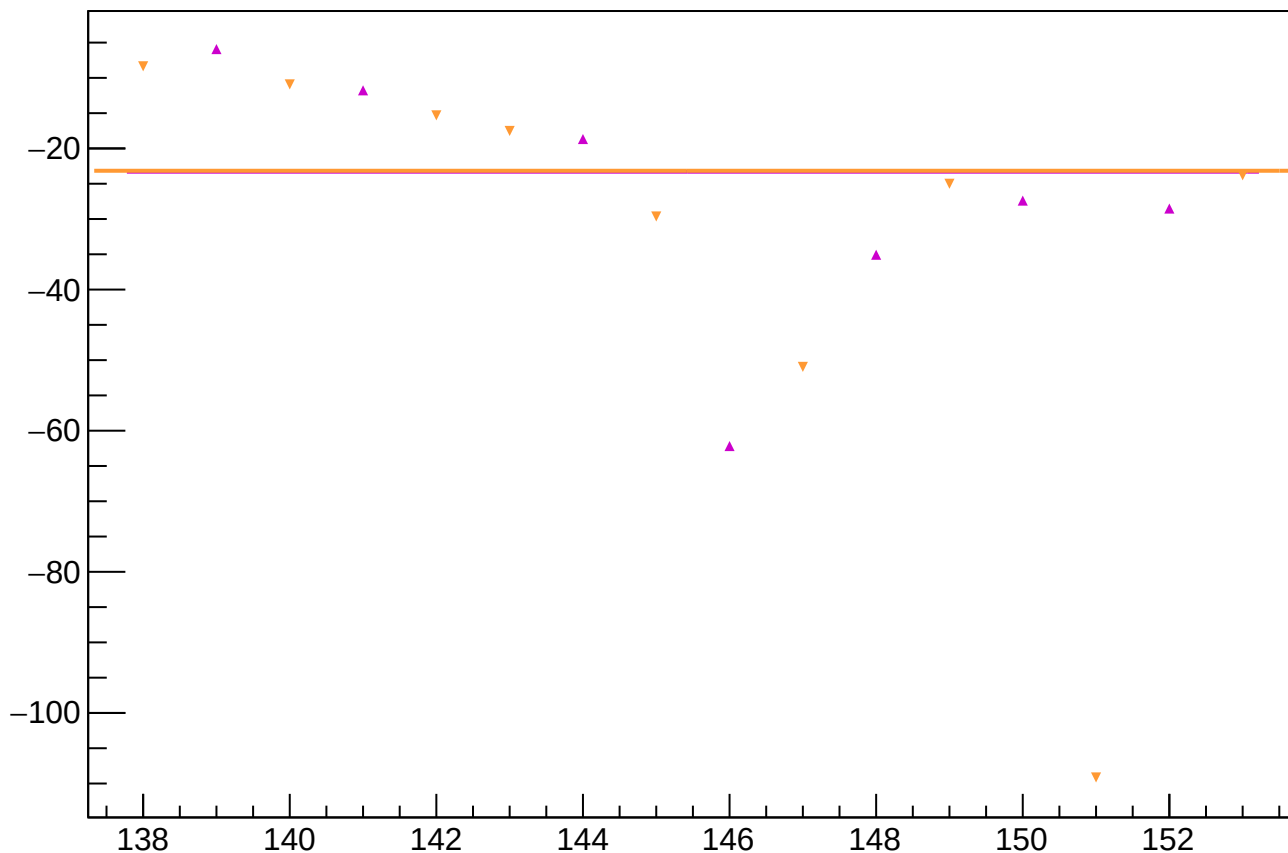
All: -1.381 ± 0.036 χ^2/NDF : 5051.1/51

- sign -1.323 ± 0.051 χ^2/NDF : 2590.8/25

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.163+/-0.092 χ^2/NDF : 48898.4/8

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

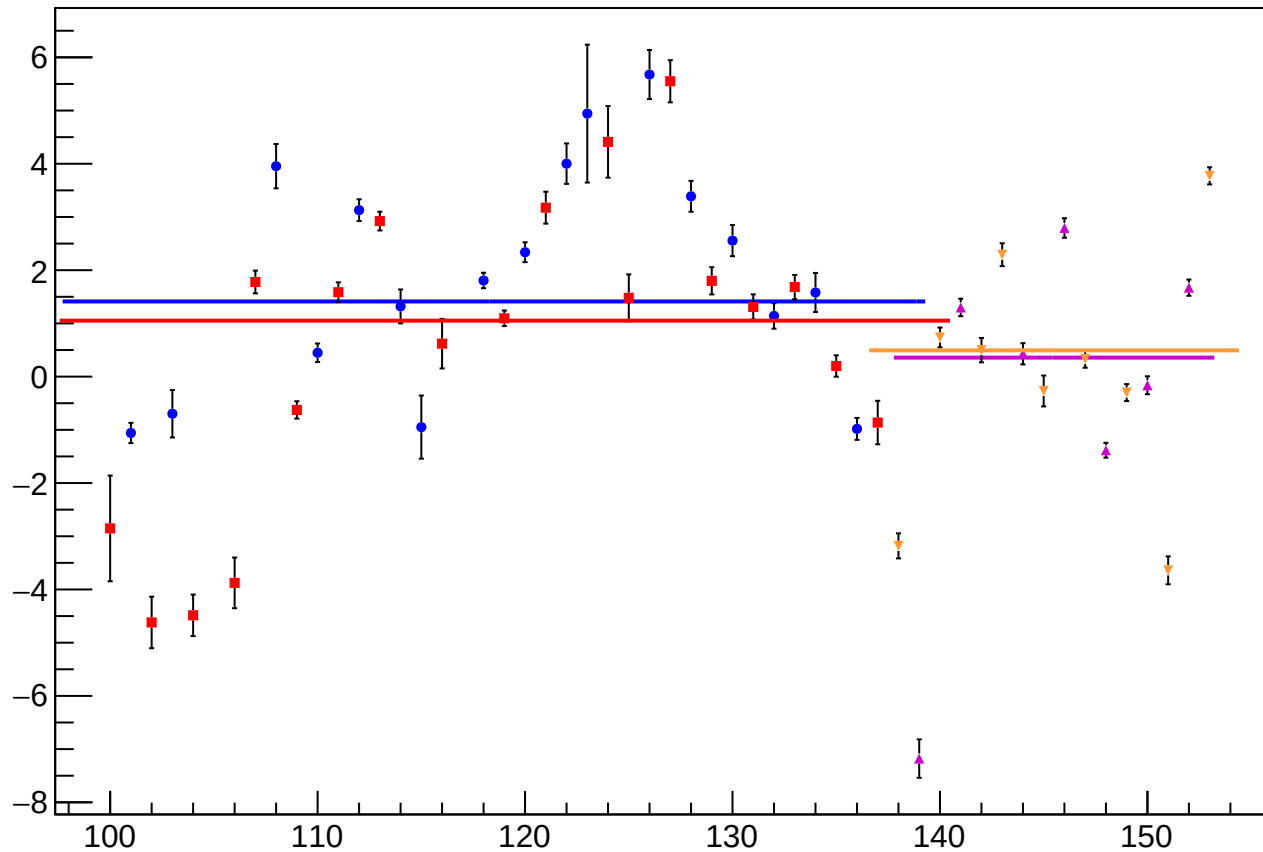
Left In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.226+/-0.066 χ^2/NDF : 77299.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: 0.493 ± 0.066 χ^2/NDF : 1010.6/8

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

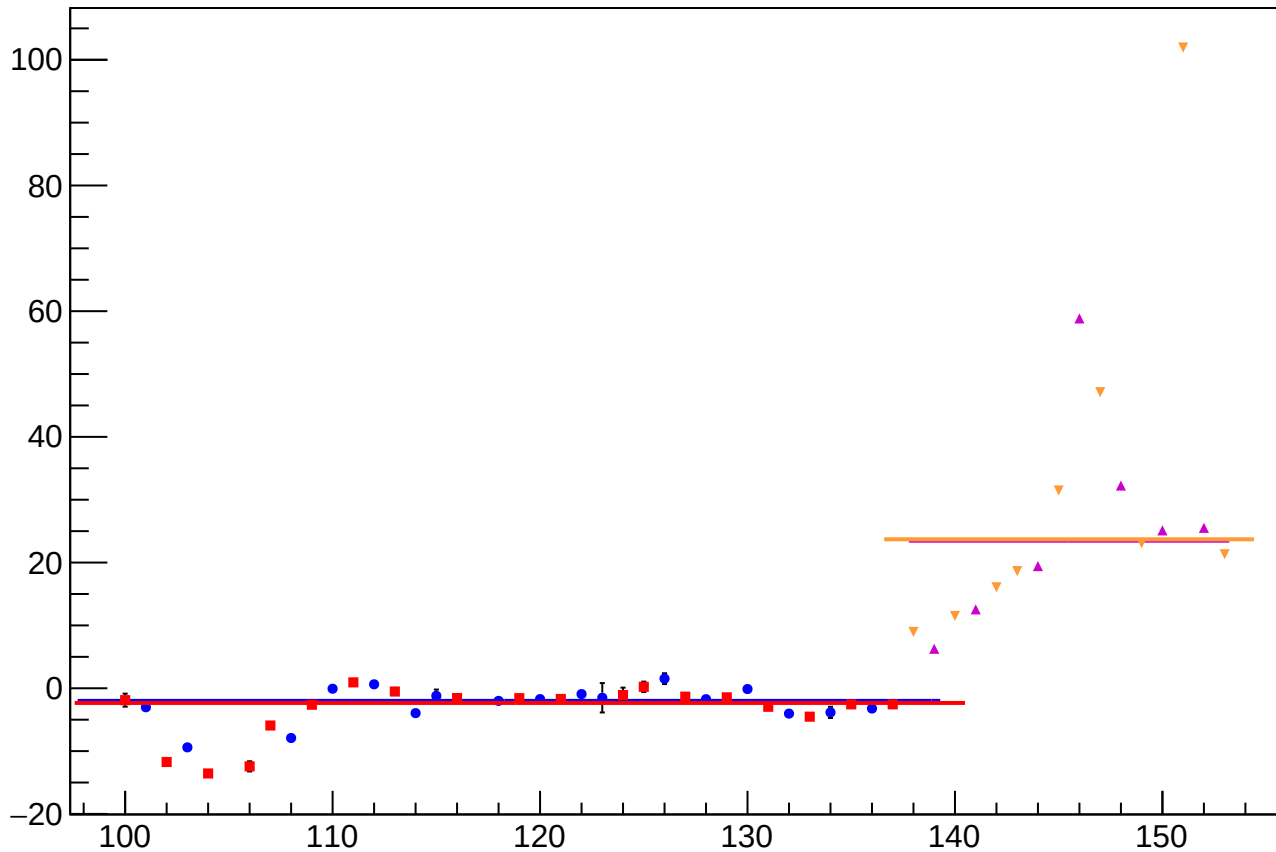
Left In: 0.357 ± 0.066 χ^2/NDF : 885.2/6

+ sign 0.989 ± 0.045 χ^2/NDF : 1828.8/25

All: 0.866 ± 0.031 χ^2/NDF : 3754.5/51

- sign 0.749 ± 0.044 χ^2/NDF : 1910.9/25

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 23.702 ± 0.093 χ^2/NDF : 43601.2/8

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

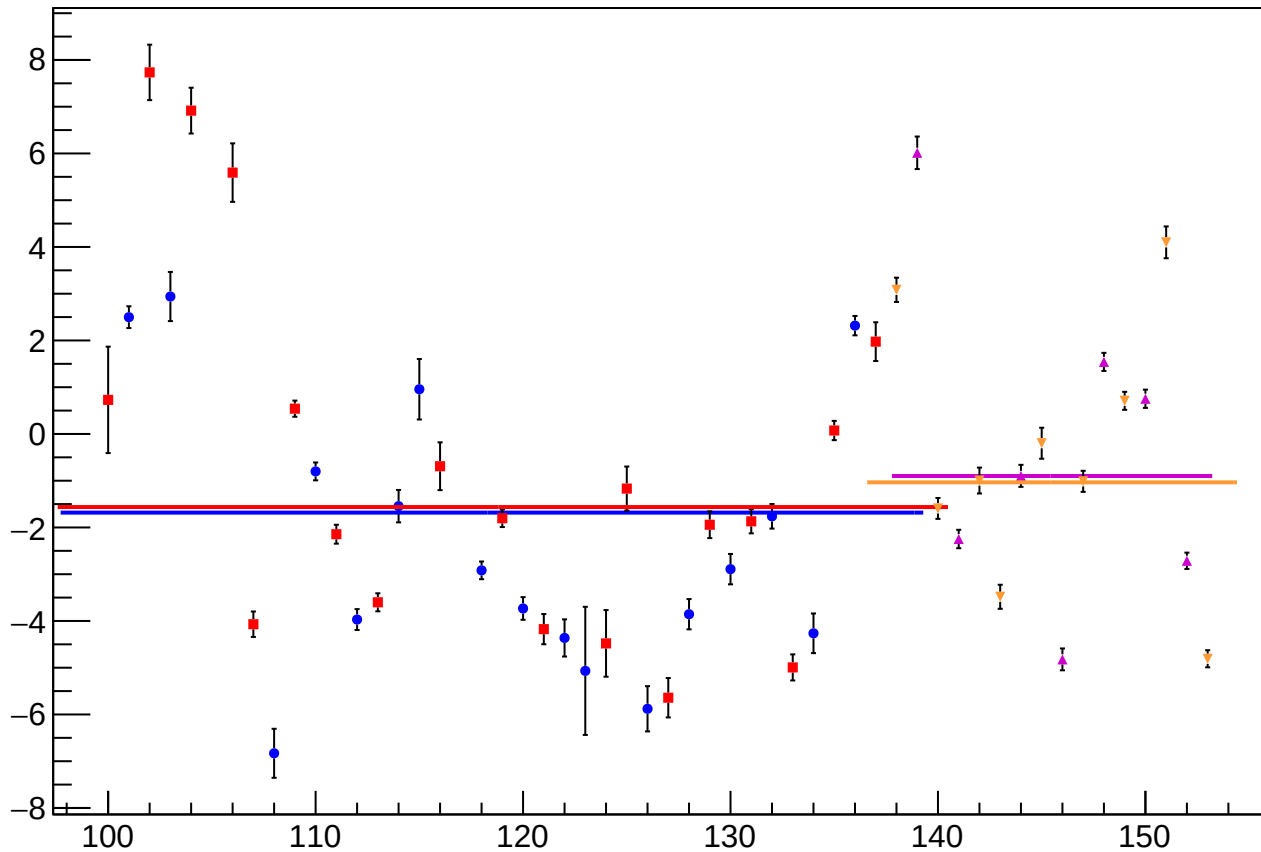
Left In: 23.481 ± 0.093 χ^2/NDF : 23790.8/6

+ sign 13.038 ± 0.071 χ^2/NDF : 75670.2/25

All: 12.173 ± 0.049 χ^2/NDF : 136870.9/51

- sign 11.393 ± 0.068 χ^2/NDF : 60920.3/25

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -1.035 ± 0.080 χ^2/NDF : 1088.5/8

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

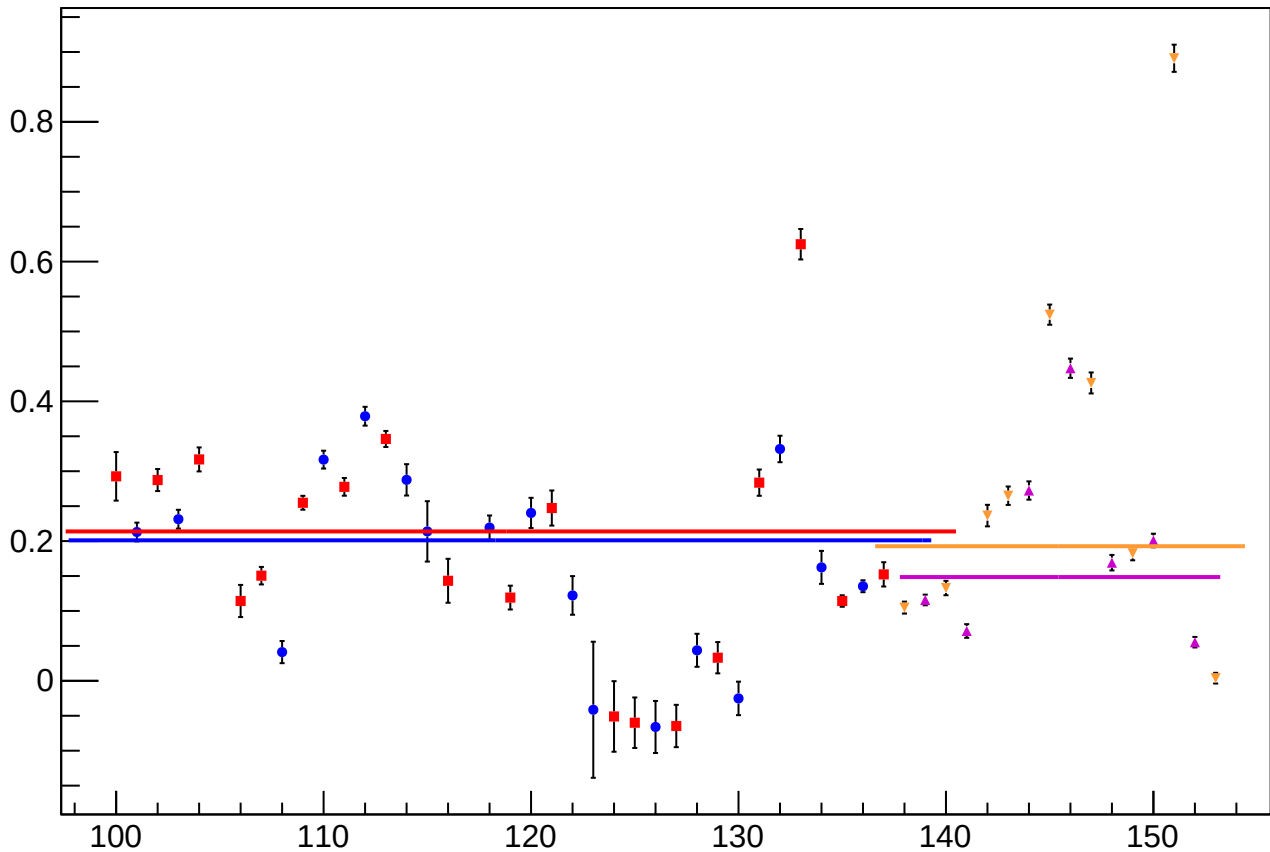
Left In: -0.899 ± 0.080 χ^2/NDF : 1062.0/6

+ sign -1.399 ± 0.053 χ^2/NDF : 2473.4/25

All: -1.346 ± 0.037 χ^2/NDF : 5083.3/51

- sign -1.296 ± 0.051 χ^2/NDF : 2607.9/25

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.193 ± 0.004 χ^2/NDF : 2841.7/8

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

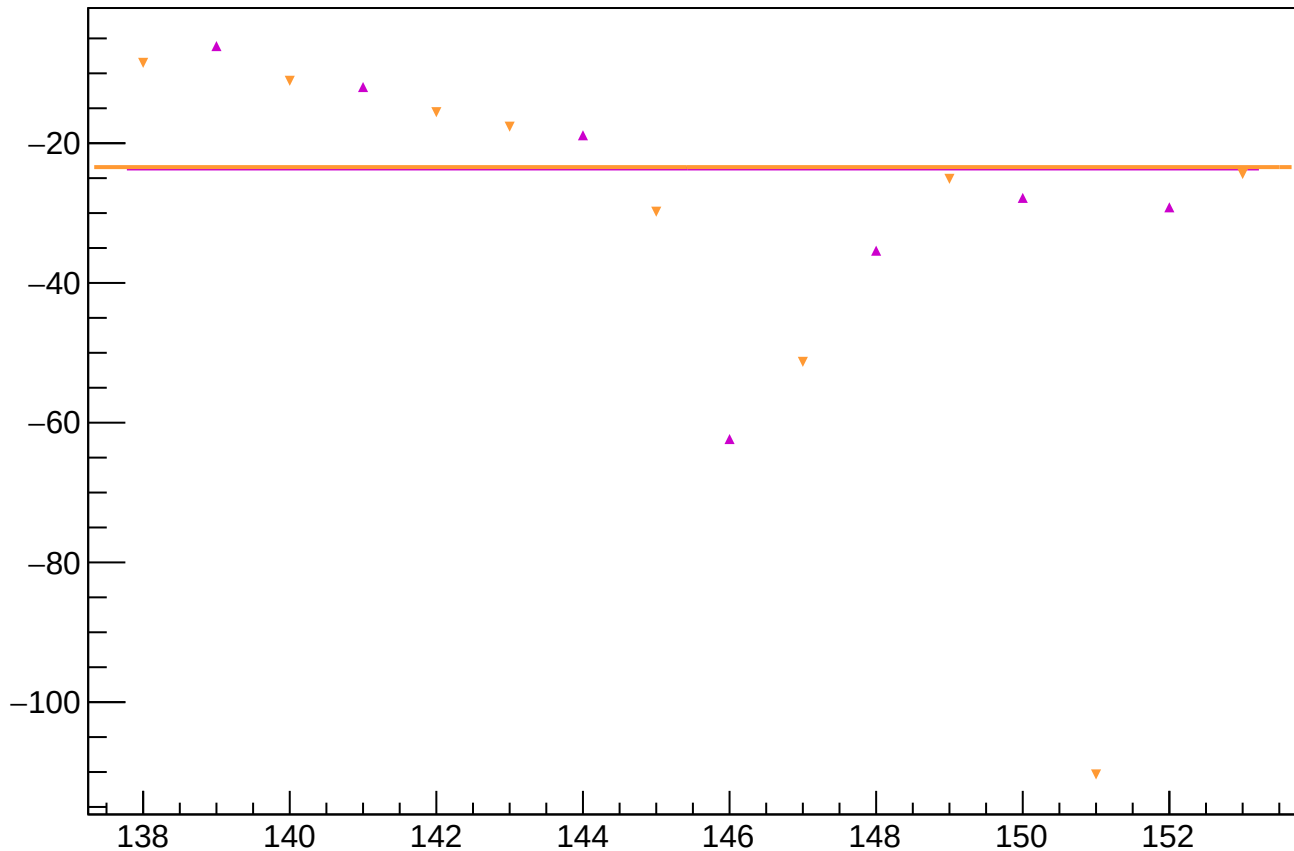
Left In: 0.149 ± 0.004 χ^2/NDF : 825.3/6

+ sign 0.196 ± 0.003 χ^2/NDF : 3535.3/25

All: 0.188 ± 0.002 χ^2/NDF : 5619.1/51

- sign 0.181 ± 0.003 χ^2/NDF : 2067.0/25

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.421+/-0.093 χ^2/NDF : 48792.2/8

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

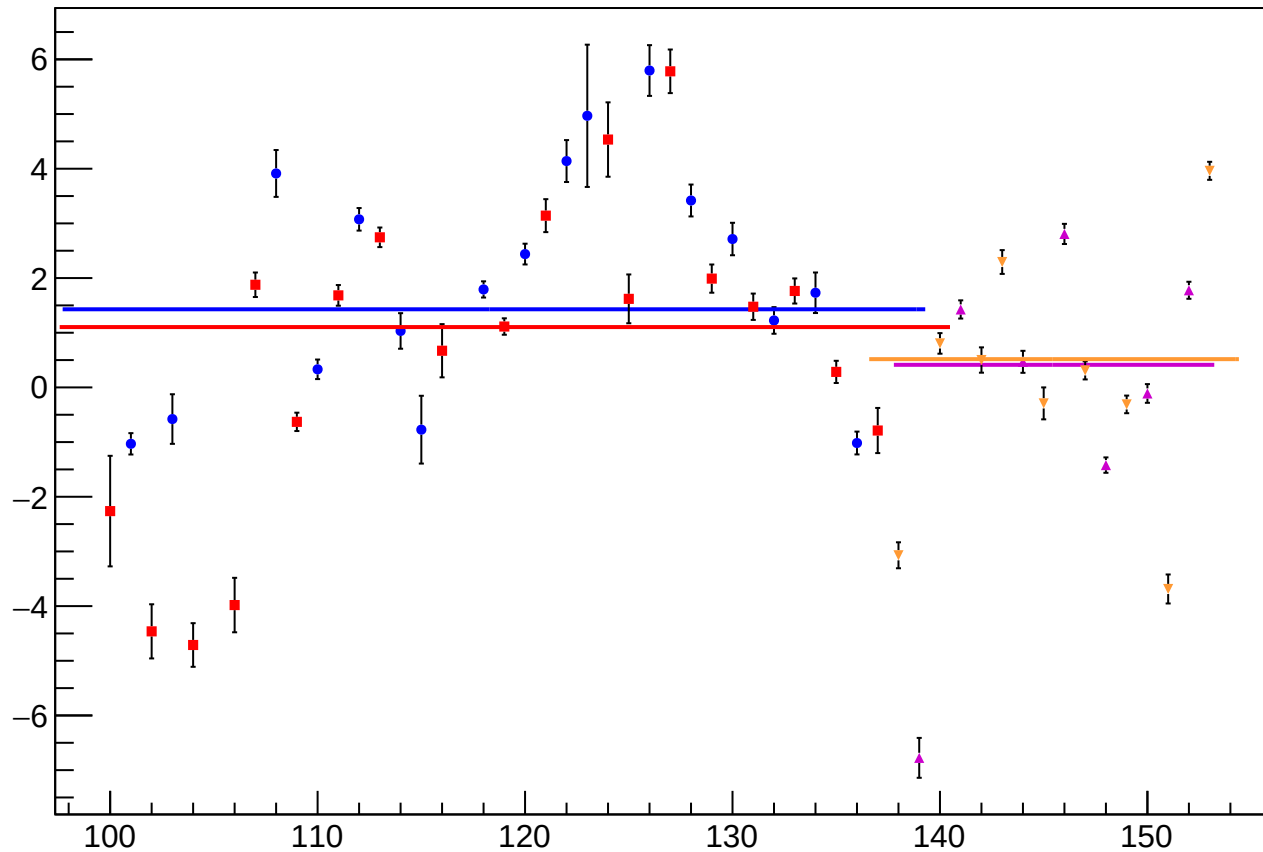
Left In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.518+/-0.066 χ^2/NDF : 76874.6/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 ± 0.062 $\chi^2/\text{NDF}: 711.4/16$

Left Out: 0.517 ± 0.067 $\chi^2/\text{NDF}: 1020.8/8$

Right Out: 1.104 ± 0.059 $\chi^2/\text{NDF}: 936.5/18$

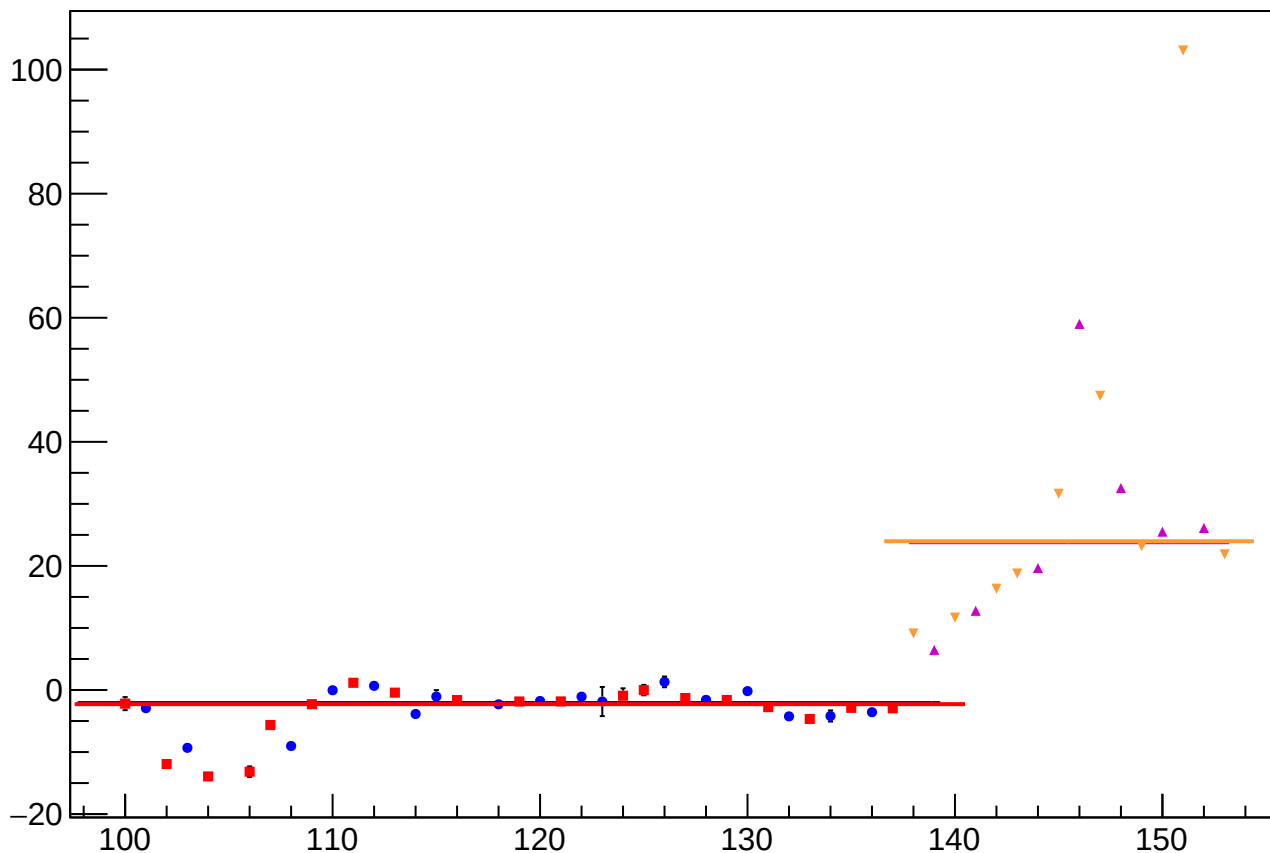
Left In: 0.413 ± 0.067 $\chi^2/\text{NDF}: 849.8/6$

+ sign 1.006 ± 0.046 $\chi^2/\text{NDF}: 1831.9/25$

All: 0.900 ± 0.032 $\chi^2/\text{NDF}: 3688.5/51$

- sign 0.800 ± 0.044 $\chi^2/\text{NDF}: 1846.0/25$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 23.979 ± 0.094 χ^2/NDF : 43473.0/8

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

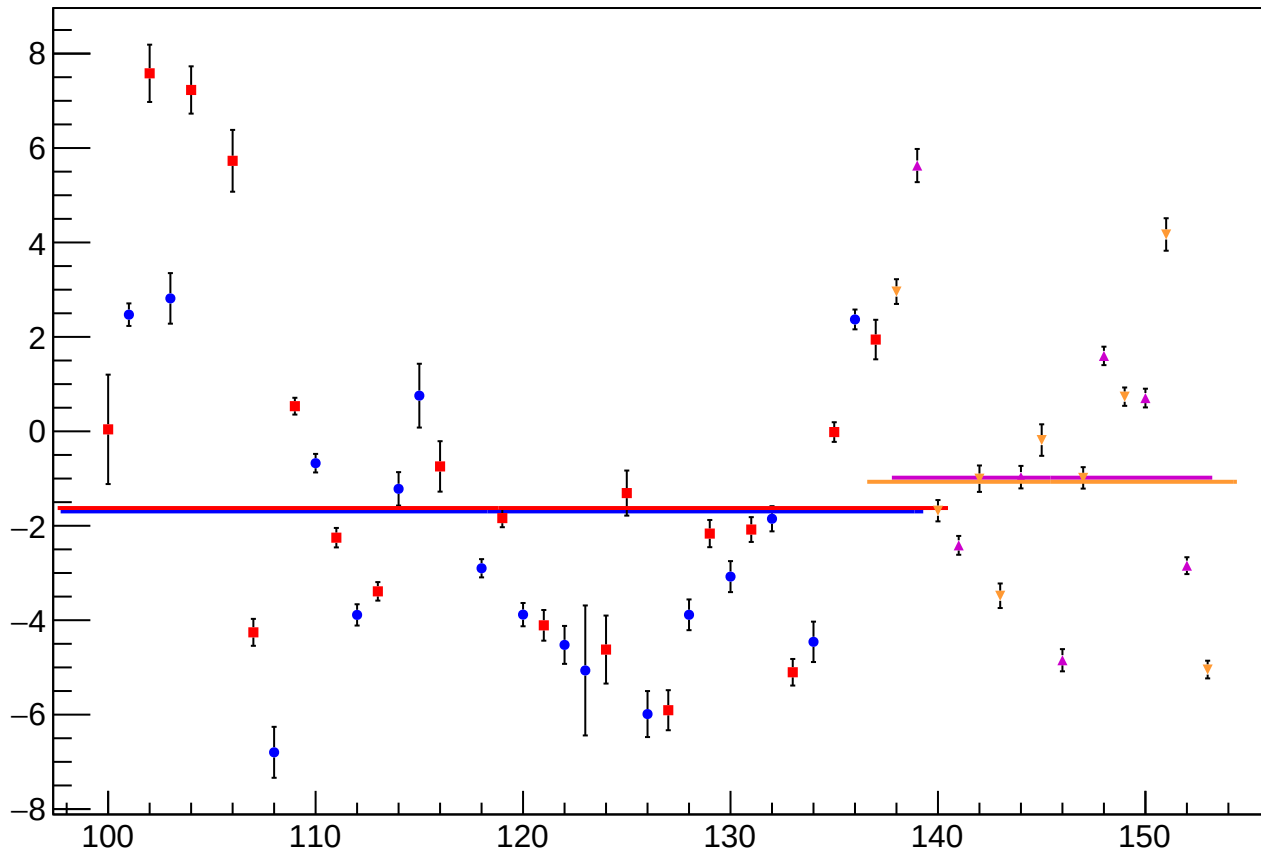
Left In: 23.821 ± 0.094 χ^2/NDF : 23461.4/6

+ sign 13.239 ± 0.072 χ^2/NDF : 75494.8/25

All: 12.436 ± 0.050 χ^2/NDF : 135885.7/51

- sign 11.708 ± 0.069 χ^2/NDF : 60155.6/25

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -1.069 ± 0.081 χ^2/NDF : 1105.0/8

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

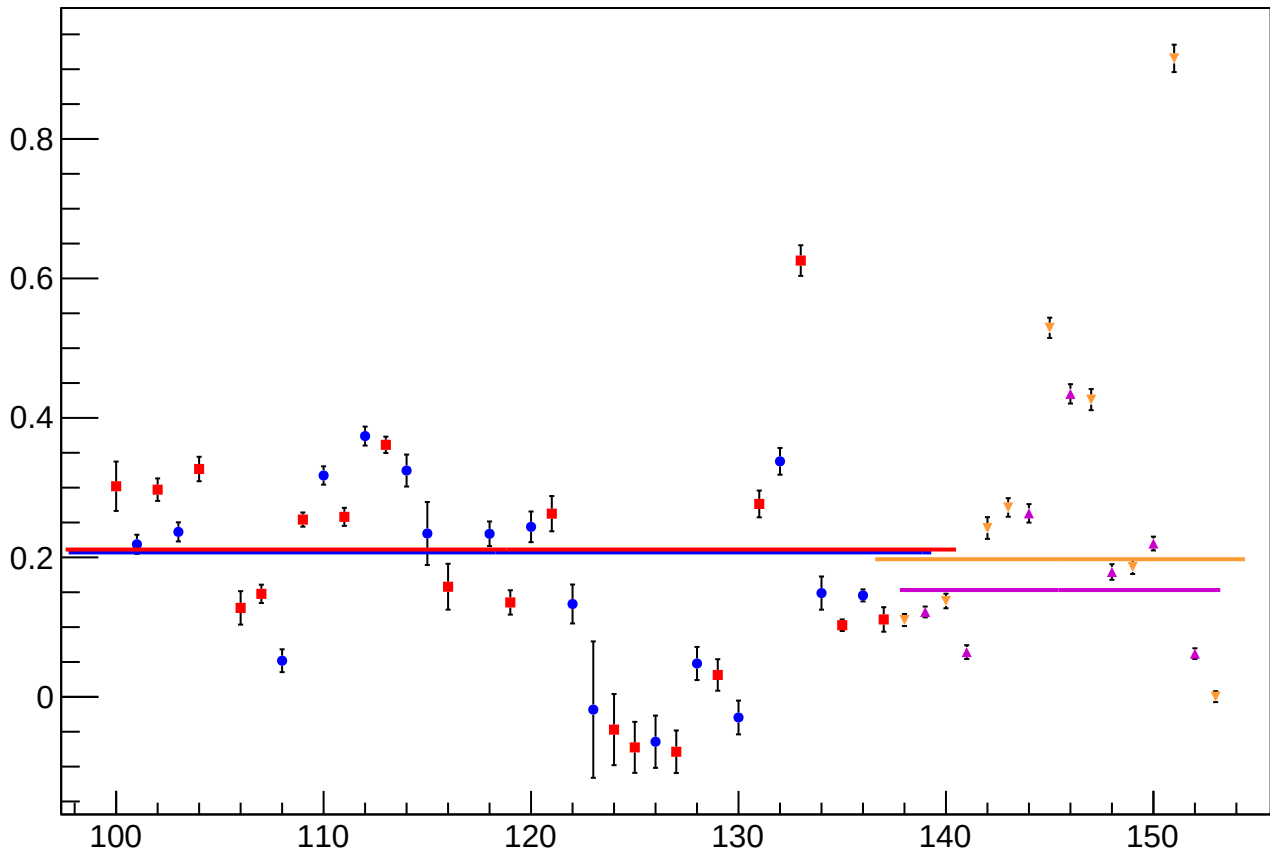
Left In: -0.982 ± 0.081 χ^2/NDF : 1031.1/6

+ sign -1.420 ± 0.054 χ^2/NDF : 2472.1/25

All: -1.391 ± 0.037 χ^2/NDF : 5008.4/51

- sign -1.364 ± 0.052 χ^2/NDF : 2535.7/25

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.197 ± 0.004 χ^2/NDF : 2887.1/8

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

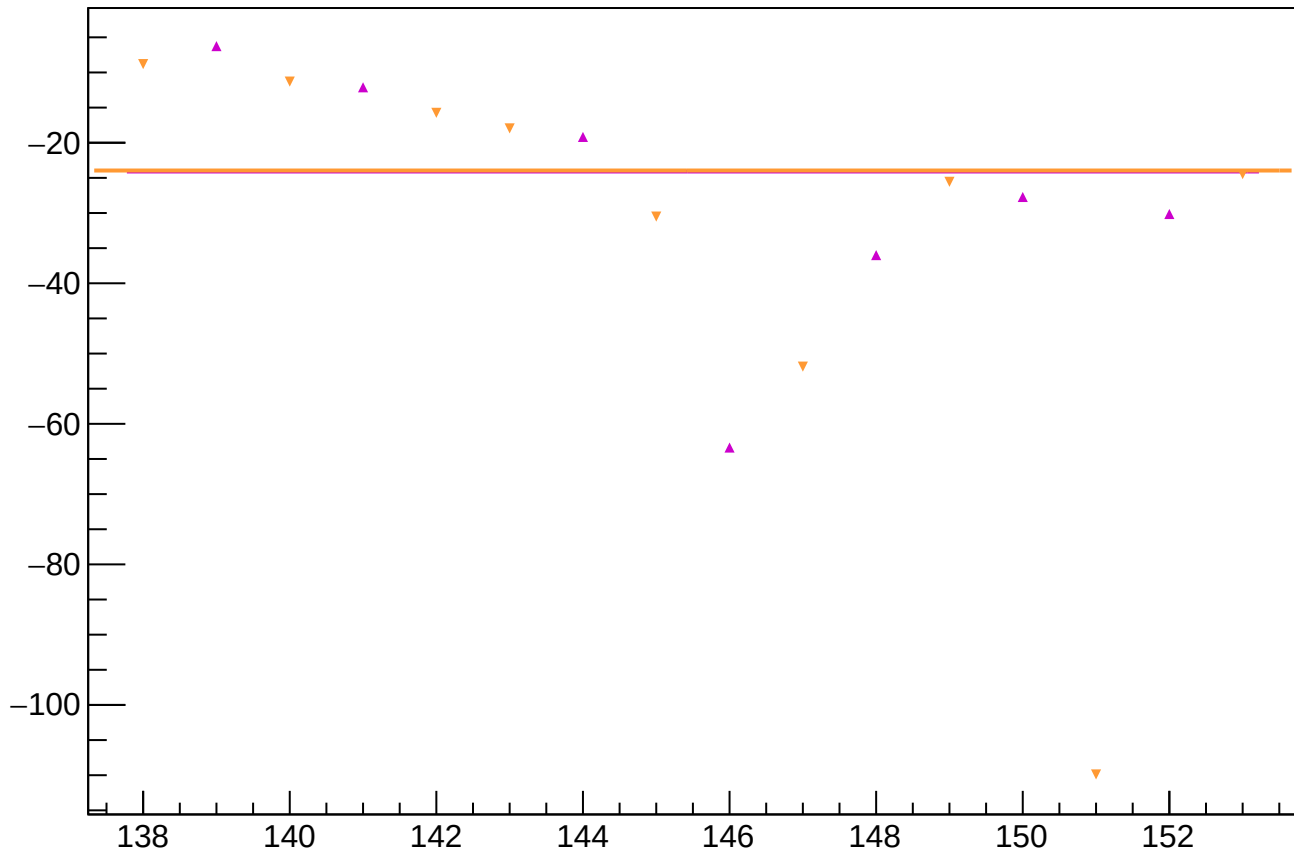
Left In: 0.153 ± 0.004 χ^2/NDF : 769.2/6

+ sign 0.202 ± 0.003 χ^2/NDF : 3546.4/25

All: 0.191 ± 0.002 χ^2/NDF : 5609.5/51

- sign 0.182 ± 0.003 χ^2/NDF : 2036.2/25

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.953+/-0.095 χ^2/NDF : 48090.3/8

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

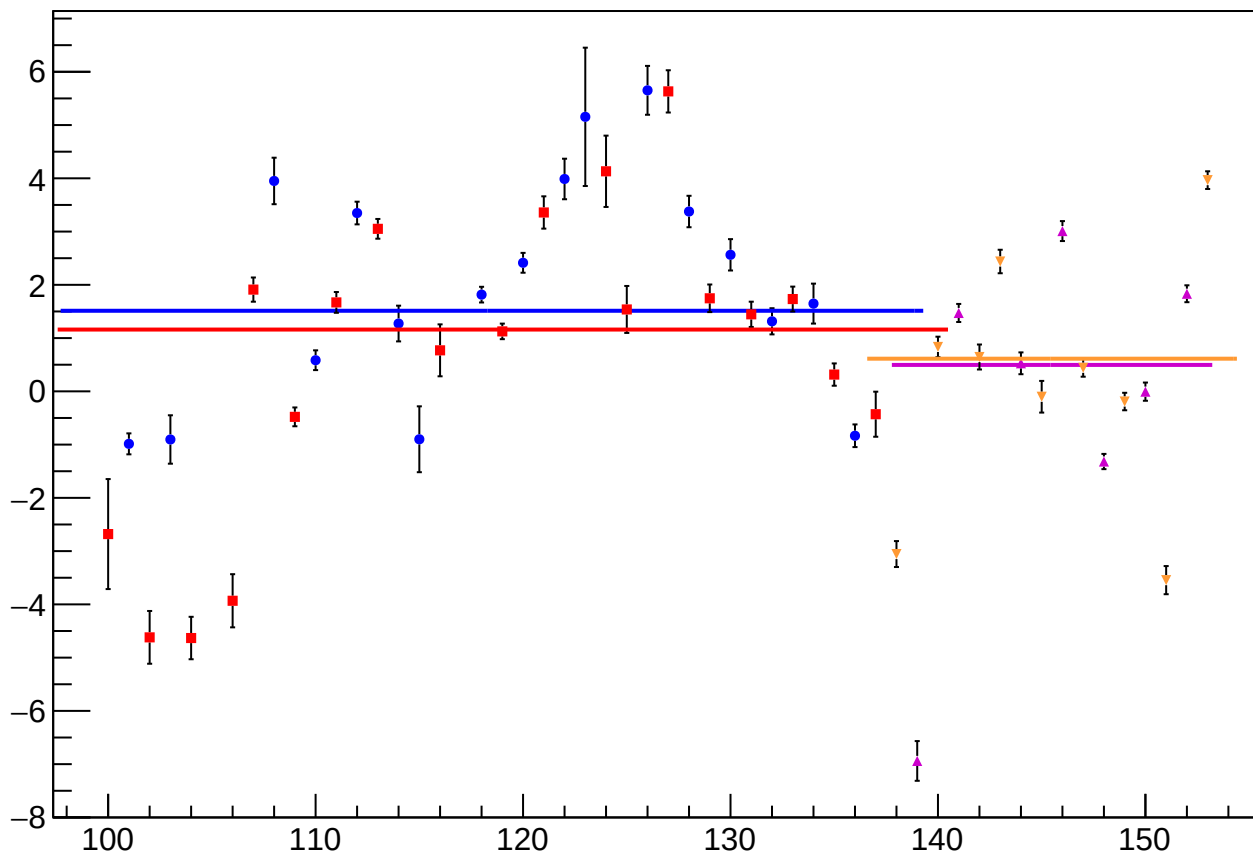
Left In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.021+/-0.067 χ^2/NDF : 76104.6/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 ± 0.063 $\chi^2/\text{NDF}: 669.7/16$

Left Out: 0.613 ± 0.068 $\chi^2/\text{NDF}: 982.2/8$

Right Out: 1.160 ± 0.060 $\chi^2/\text{NDF}: 917.0/18$

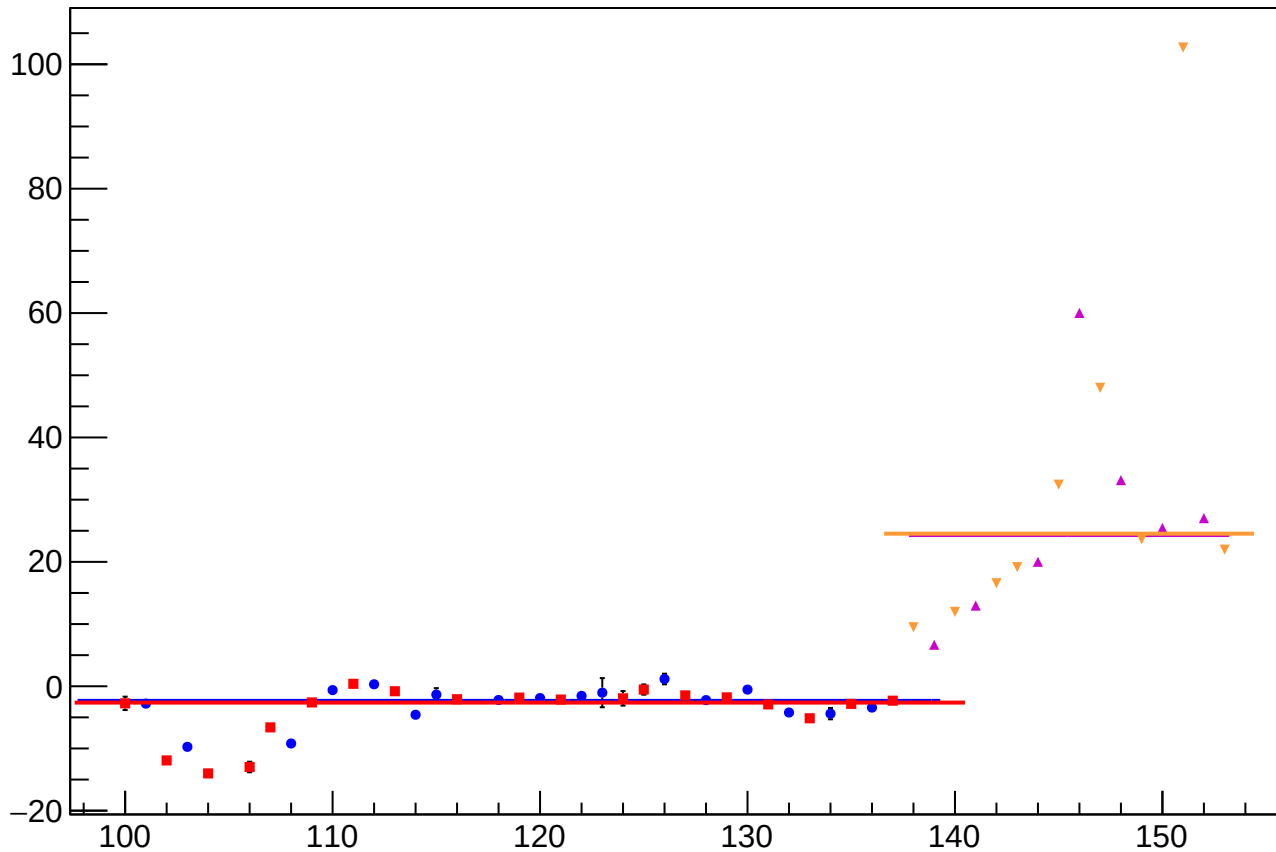
Left In: 0.496 ± 0.068 $\chi^2/\text{NDF}: 850.9/6$

+ sign 1.099 ± 0.046 $\chi^2/\text{NDF}: 1746.7/25$

All: 0.981 ± 0.032 $\chi^2/\text{NDF}: 3581.1/51$

- sign 0.869 ± 0.045 $\chi^2/\text{NDF}: 1821.6/25$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 24.534 ± 0.096 χ^2/NDF : 42828.0/8

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

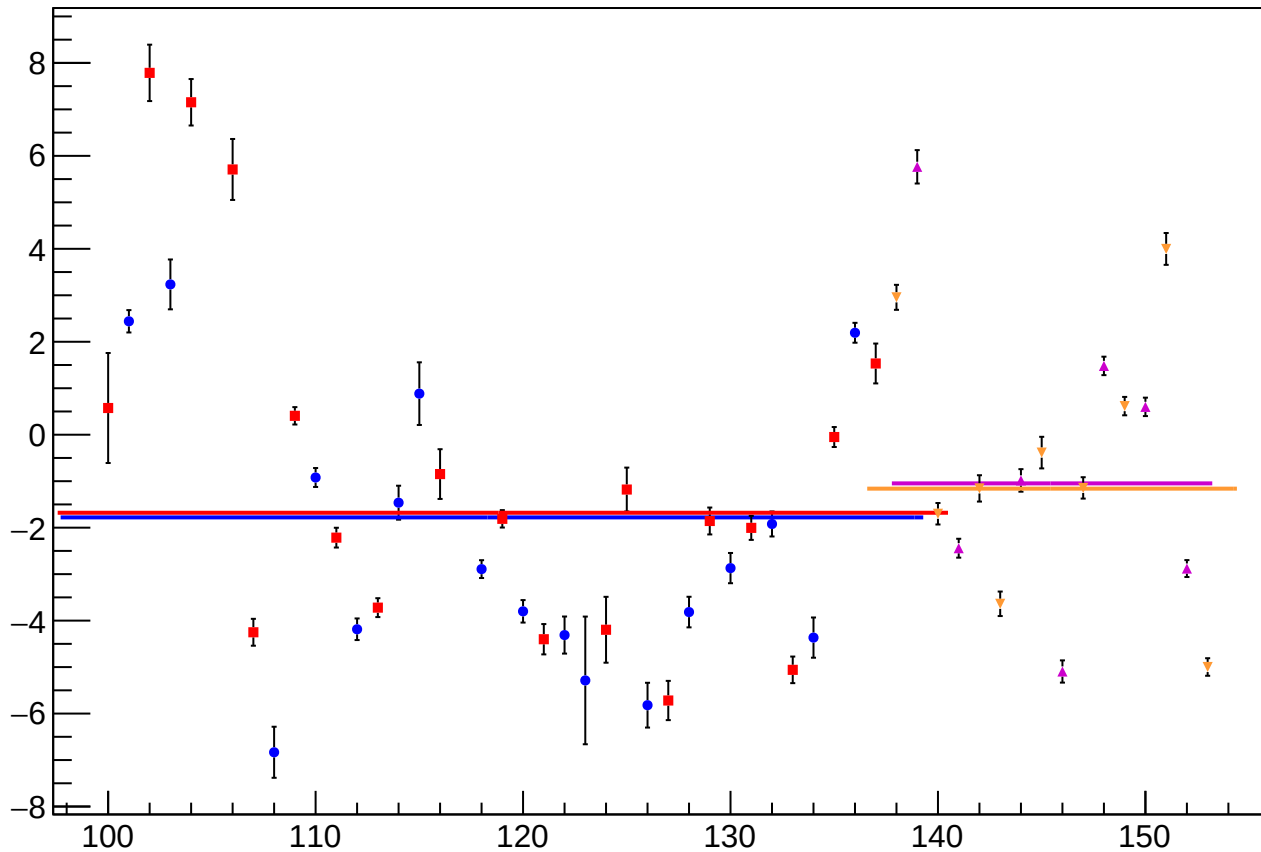
Left In: 24.316 ± 0.095 χ^2/NDF : 23383.2/6

+ sign 13.441 ± 0.073 χ^2/NDF : 75760.9/25

All: 12.631 ± 0.051 χ^2/NDF : 136915.6/51

- sign 11.893 ± 0.070 χ^2/NDF : 60922.3/25

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -1.160 ± 0.082 χ^2/NDF : 1052.8/8

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

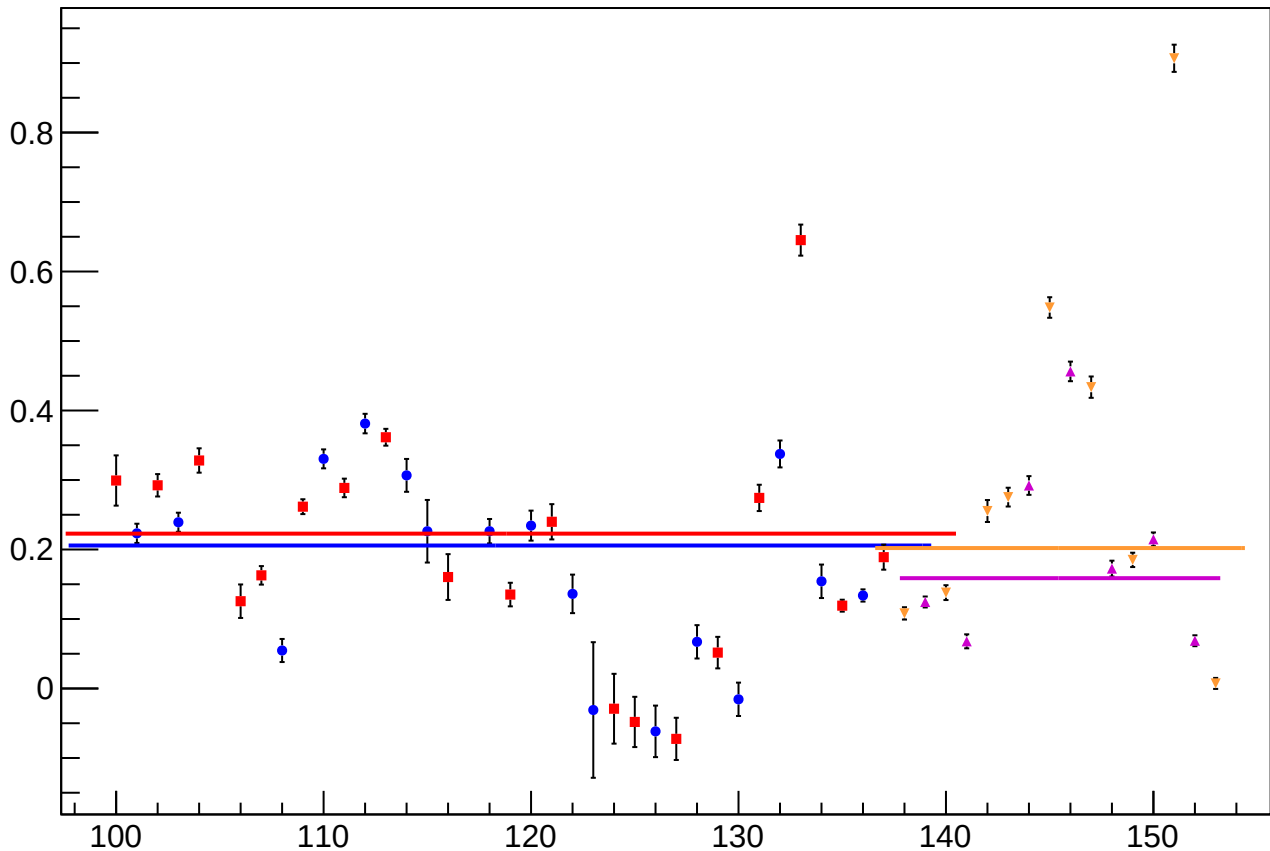
Left In: -1.047 ± 0.082 χ^2/NDF : 1025.7/6

+ sign -1.508 ± 0.054 χ^2/NDF : 2356.9/25

All: -1.464 ± 0.038 χ^2/NDF : 4848.5/51

- sign -1.423 ± 0.052 χ^2/NDF : 2490.3/25

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: 0.202 $\pm$ 0.004 χ^2/NDF : 2867.1/8

Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1042.2/18

Left In: 0.159 $\pm$ 0.004 χ^2/NDF : 808.8/6

+ sign 0.204 $\pm$ 0.003 χ^2/NDF : 3519.3/25

All: 0.197 $\pm$ 0.002 χ^2/NDF : 5524.6/51

- sign 0.190 $\pm$ 0.003 χ^2/NDF : 1993.3/25