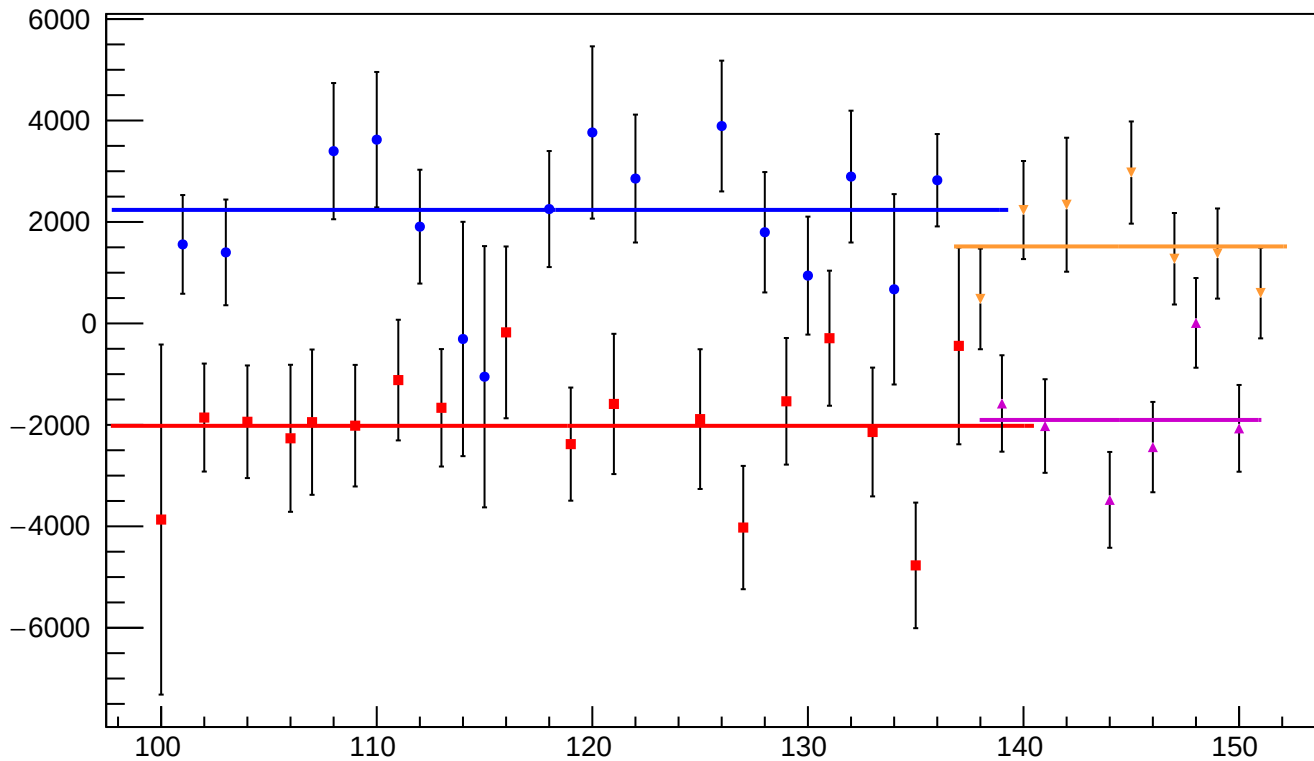


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

+ sign 1933.588+/-239.102

χ^2/NDF : 18.8/22

Left Out: 1517.638+/-367.839

χ^2/NDF : 5.3/6

All: -37.269+/-168.267

χ^2/NDF : 174.0/46

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

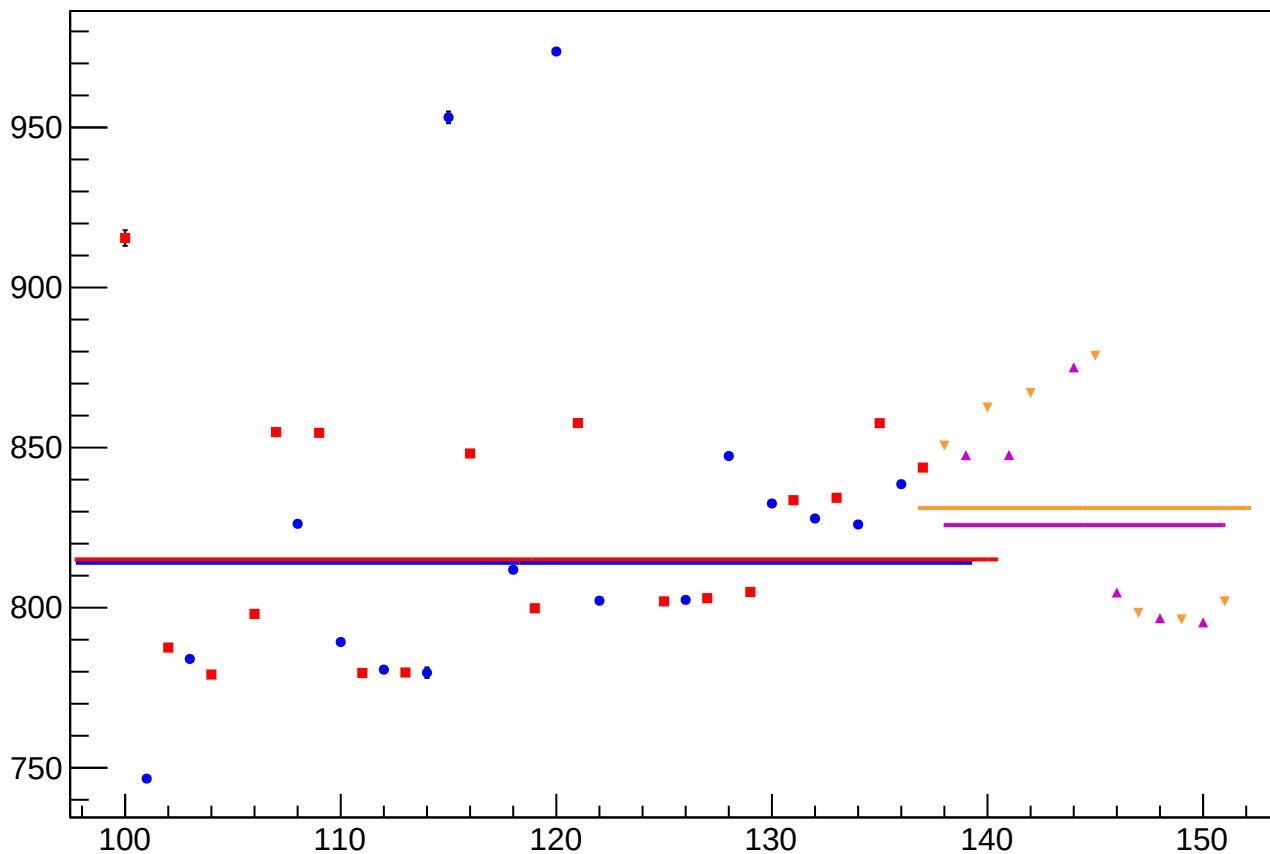
- sign -1971.091+/-236.845

χ^2/NDF : 20.6/23

Left In: -1902.706+/-369.862

χ^2/NDF : 8.0/5

dit_asym_us_avg_rms vs Slug



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

Left Out: 831.131+/-0.260 χ^2/NDF : 16651.3/6

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

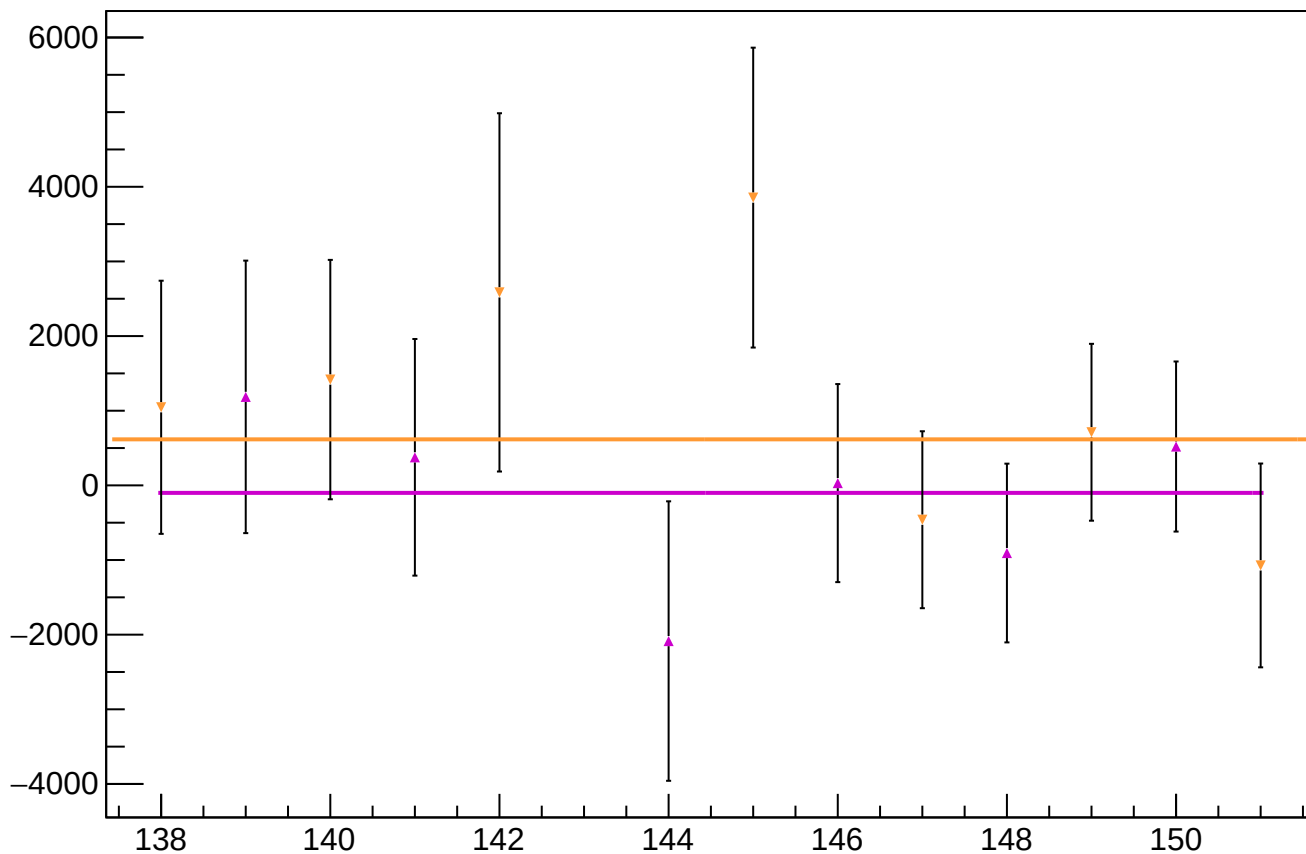
Left In: 825.793+/-0.262 χ^2/NDF : 13432.1/5

+ sign 821.250+/-0.169 χ^2/NDF : 61191.7/22

All: 820.354+/-0.119 χ^2/NDF : 95627.7/46

- sign 819.475+/-0.167 χ^2/NDF : 34380.4/23

asym_us_avg_correction_mean vs Slug



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

Left Out: 616.497+/-566.214 χ^2/NDF :5.9/6

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

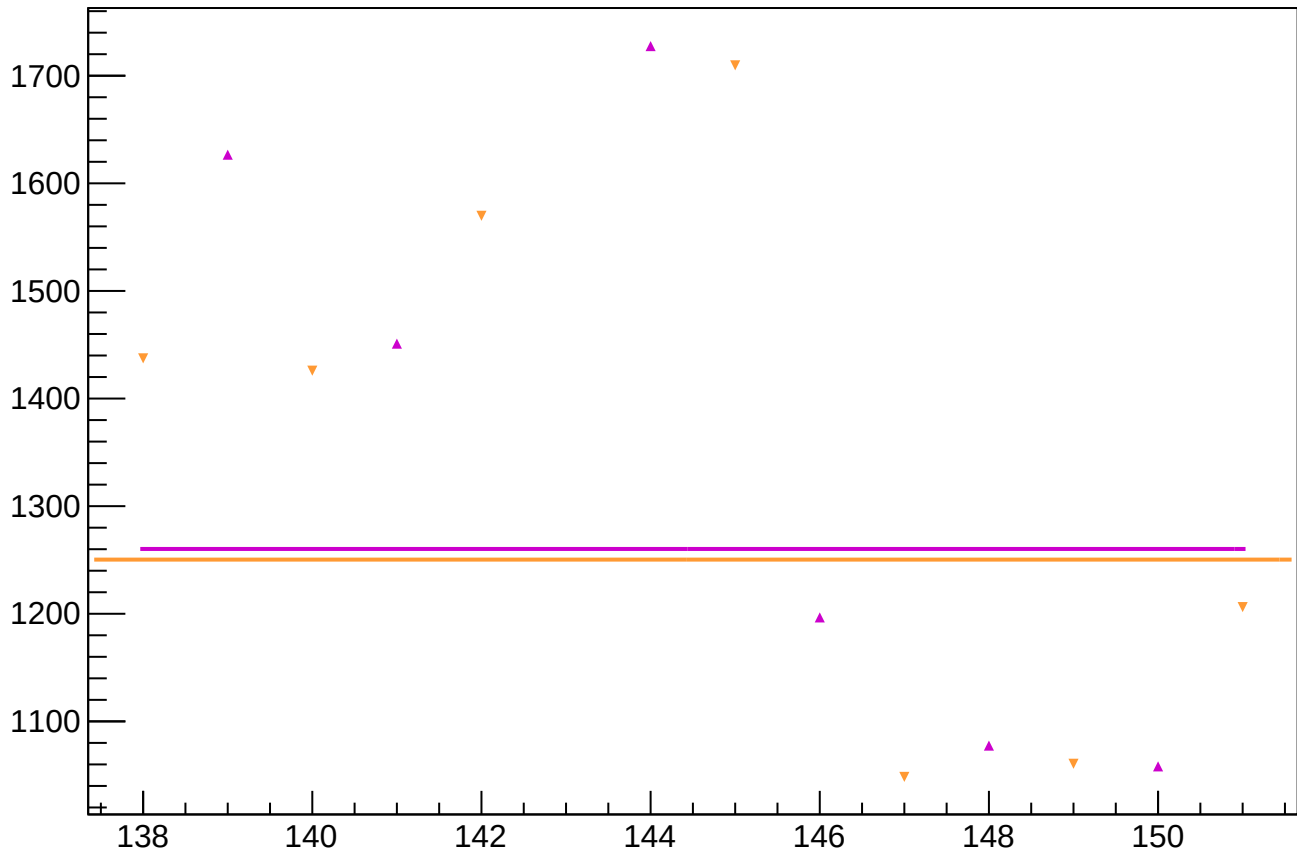
Left In: -100.589+/-575.462 χ^2/NDF :2.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.762+/-403.604 χ^2/NDF : 9.2/12

- 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: 1250.340+/-0.400 χ^2/NDF : 299767.3/6

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

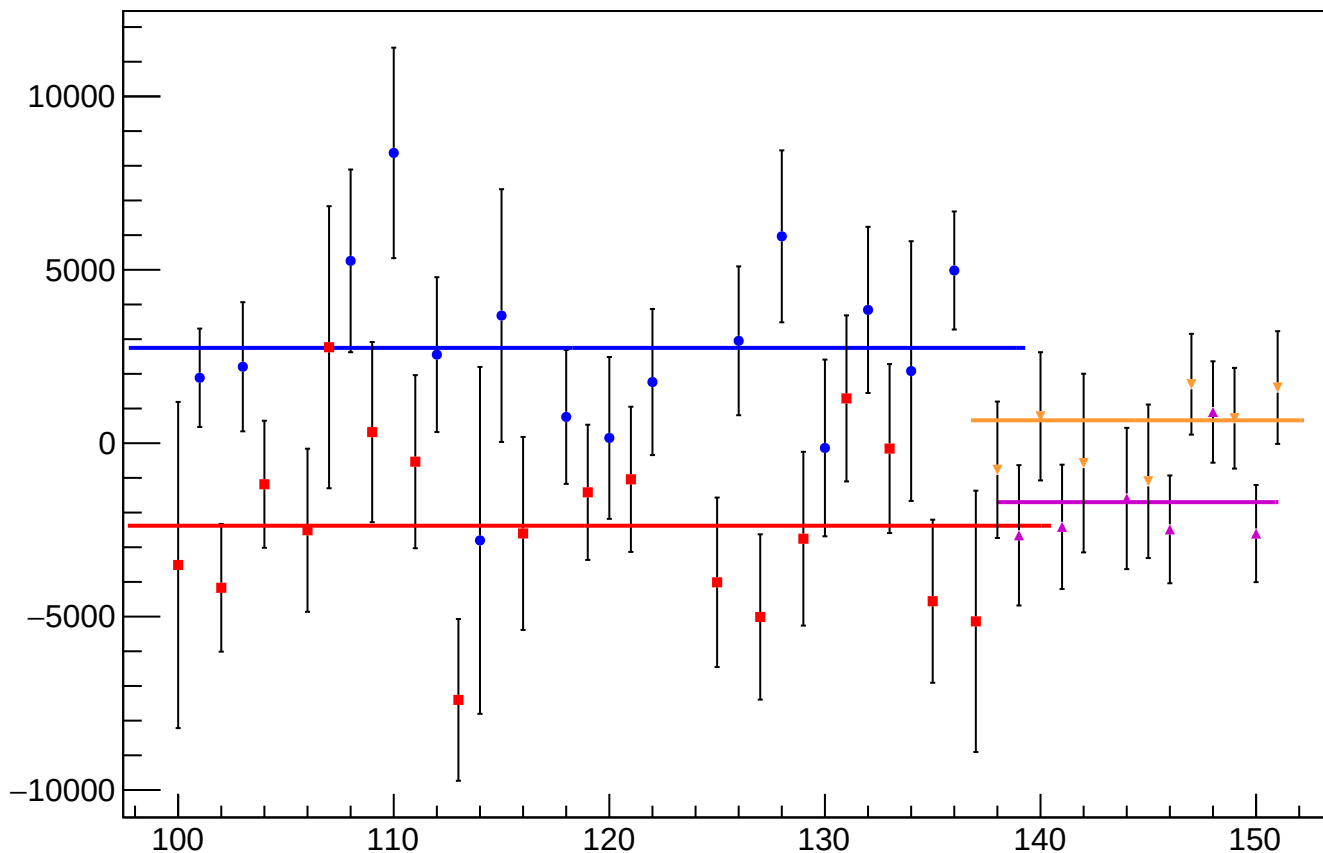
Left In: 1260.229+/-0.407 χ^2/NDF : 348276.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1255.205+/-0.285 χ^2/NDF : 648344.1/12

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



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

Left Out: 659.922 $\pm$ 669.272 χ^2 /NDF: 2.2/6

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

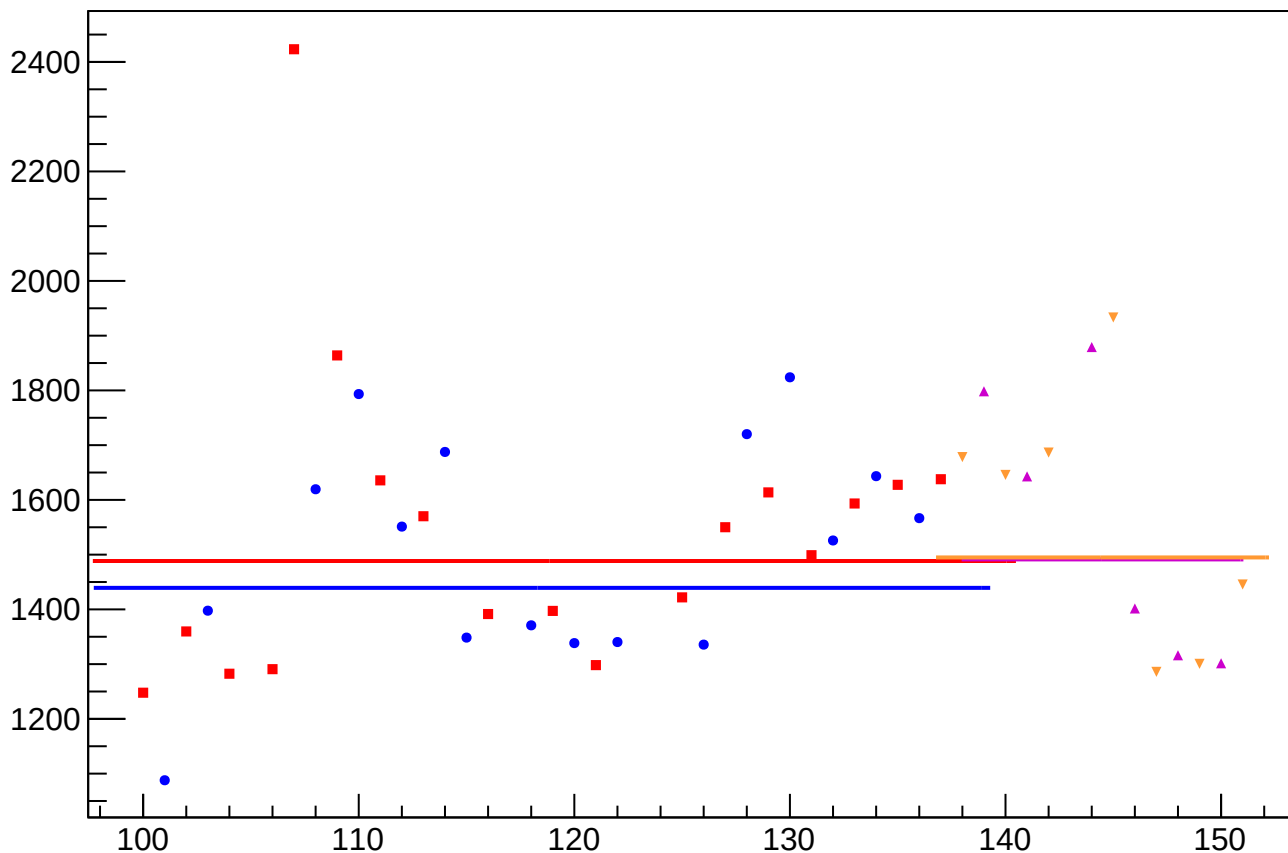
Left In: -1699.684 $\pm$ 675.995 χ^2 /NDF: 4.2/5

+ sign 1883.265 $\pm$ 430.809 χ^2 /NDF: 21.5/22

All: -86.507 $\pm$ 306.204 χ^2 /NDF: 84.8/46

- sign -2097.577 $\pm$ 435.302 χ^2 /NDF: 21.0/23

asym_us_avg_rms vs Slug



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

Left Out: 1494.884+/-0.473 χ^2/NDF :199233.0/6

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

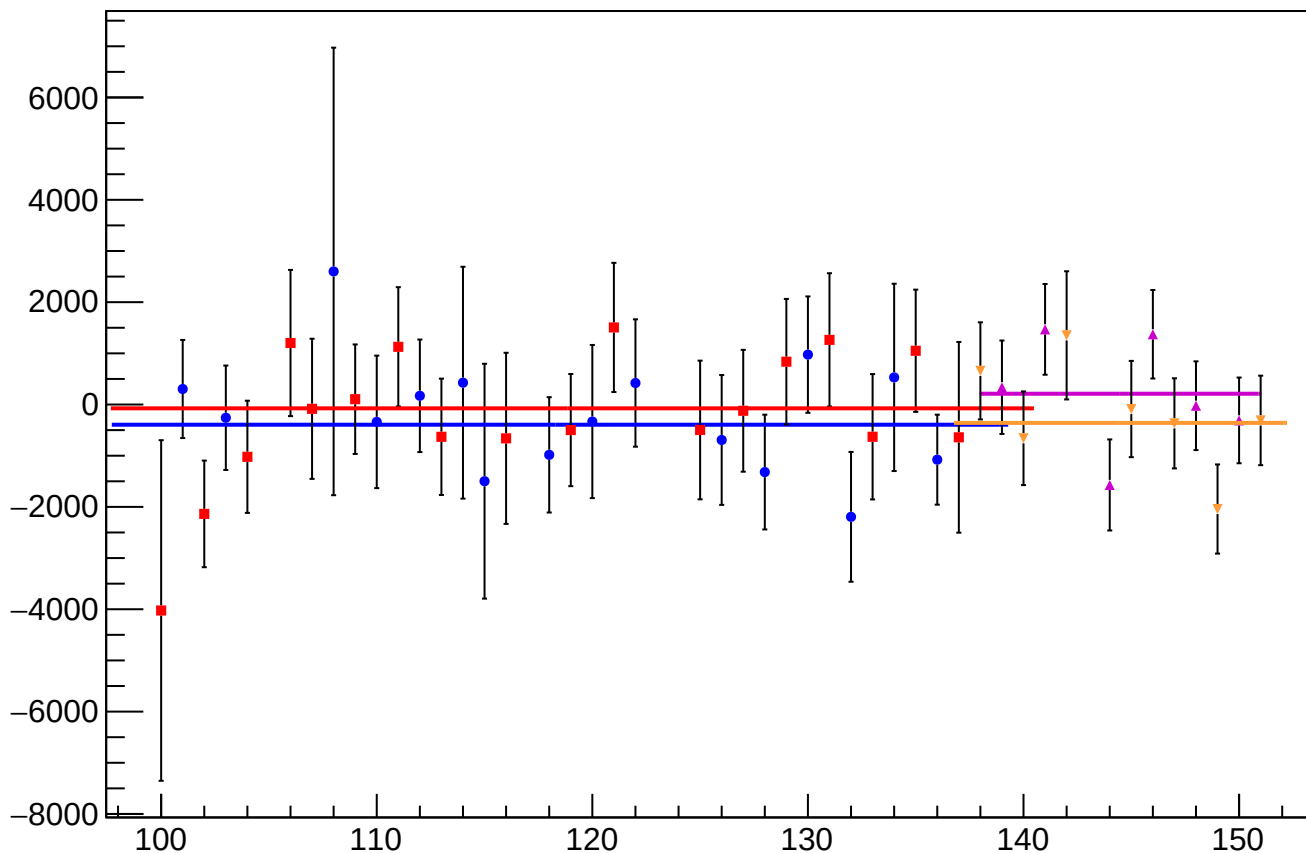
Left In: 1491.269+/-0.478 χ^2/NDF :205013.5/5

+ sign 1462.350+/-0.305 χ^2/NDF : 485163.6/22

All: 1475.824+/-0.217 χ^2/NDF : 950476.9/46

- sign 1489.580+/-0.308 χ^2/NDF : 461359.5/23

dit_asym_us_dd_mean vs Slug



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

Left Out: -358.661 ± 353.805 χ^2/NDF : 6.9/6

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

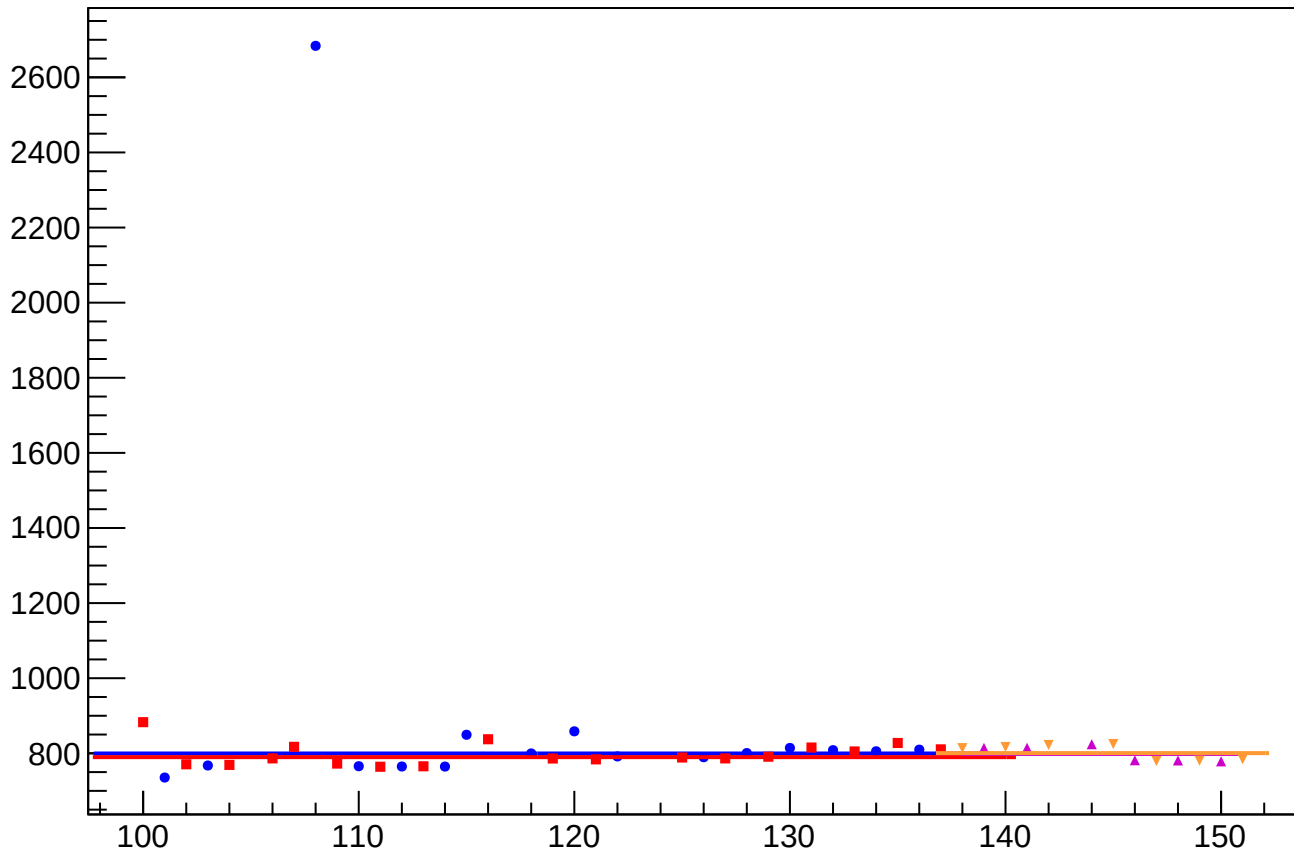
Left In: 210.939 ± 357.318 χ^2/NDF : 8.3/5

+ sign -378.679 ± 234.503 χ^2/NDF : 14.4/22

All: -162.917 ± 163.852 χ^2/NDF : 37.6/46

- sign 42.901 ± 229.036 χ^2/NDF : 21.6/23

dit_asym_us_dd_rms vs Slug



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

Left Out: 800.561 $\pm$ 0.250 χ^2 /NDF: 5858.1/6

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

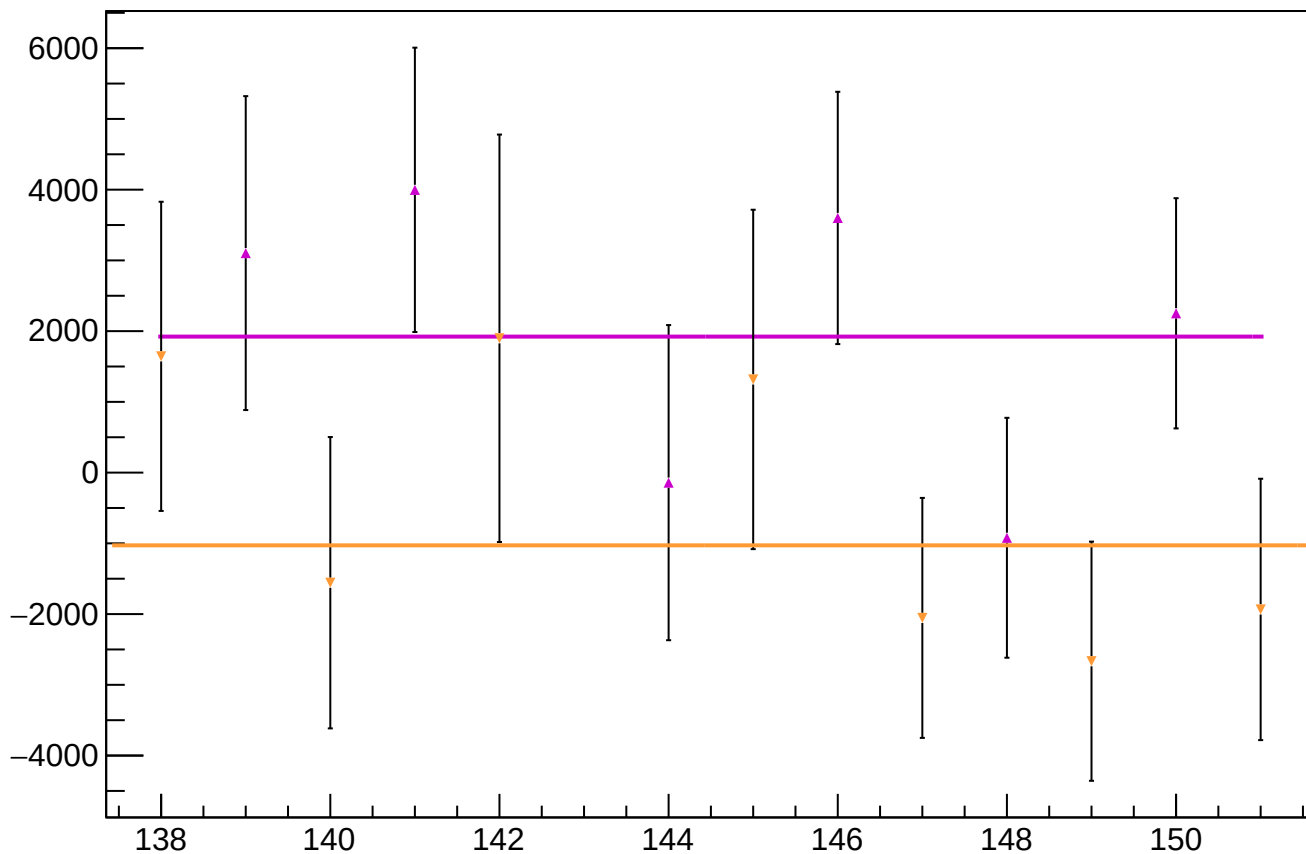
Left In: 798.260 $\pm$ 0.253 χ^2 /NDF: 5647.2/5

+ sign 799.987 $\pm$ 0.166 χ^2 /NDF: 397053.4/22

All: 796.551 $\pm$ 0.116 χ^2 /NDF: 415376.3/46

- sign 793.272 $\pm$ 0.162 χ^2 /NDF: 17483.6/23

asym_us_dd_correction_mean vs Slug



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

Left Out: -1028.032+/-760.295 χ^2/NDF : 5.1/6

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

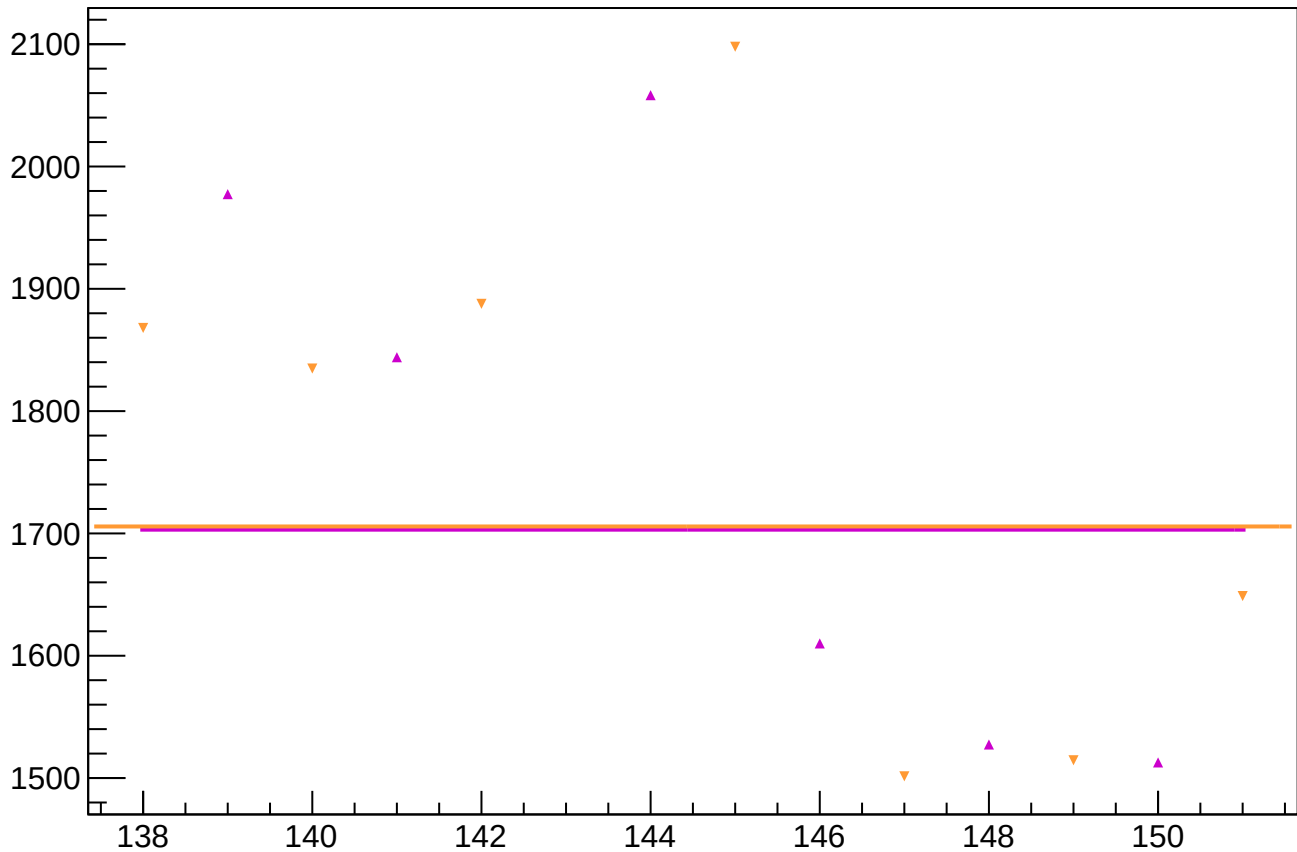
Left In: 1922.810+/-768.779 χ^2/NDF : 5.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.017+/-540.585 χ^2/NDF : 18.5/12

- 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: 1705.681+/-0.538 χ^2/NDF :136830.4/6

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

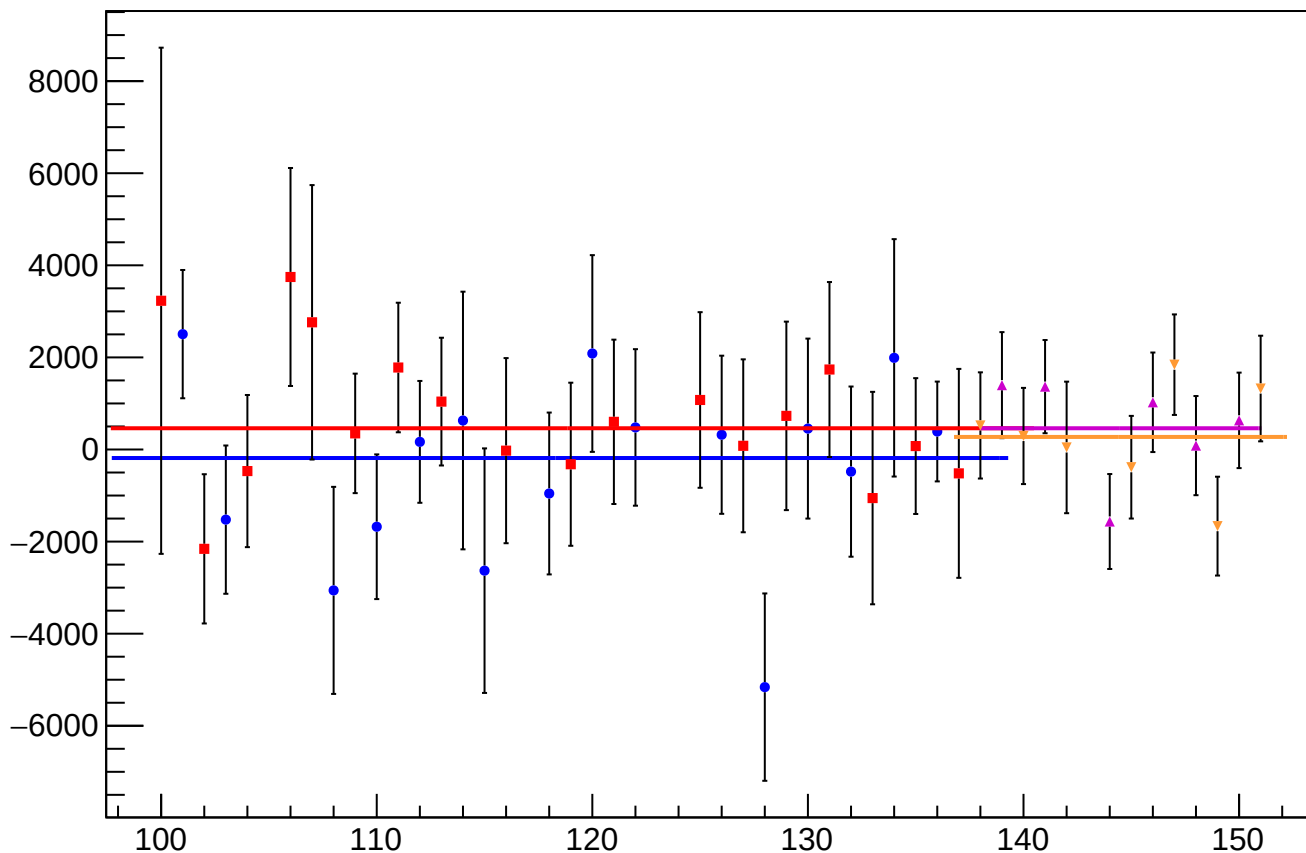
Left In: 1703.081+/-0.544 χ^2/NDF :145526.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1704.395+/-0.382 χ^2/NDF : 282368.2/12

- 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: 272.831+/-429.118 χ^2/NDF : 6.6/6

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

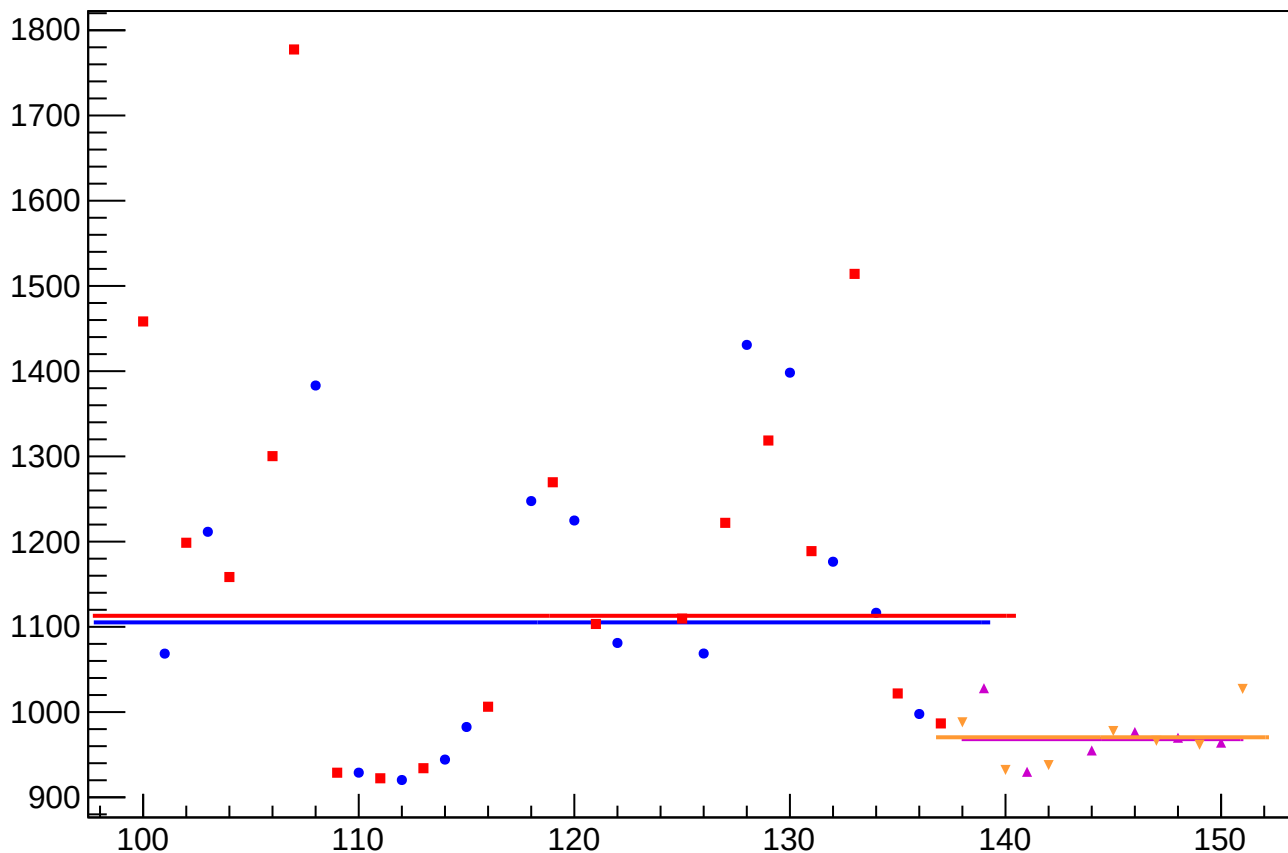
Left In: 461.315+/-433.555 χ^2/NDF : 5.7/5

+ sign 45.153+/-304.269 χ^2/NDF : 23.8/22

All: 253.267+/-215.125 χ^2/NDF : 38.8/46

- sign 461.284+/-304.197 χ^2/NDF : 14.1/23

asym_us_dd_rms vs Slug



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

Left Out: 970.429 $\pm$ 0.303 χ^2 /NDF: 9346.6/6

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

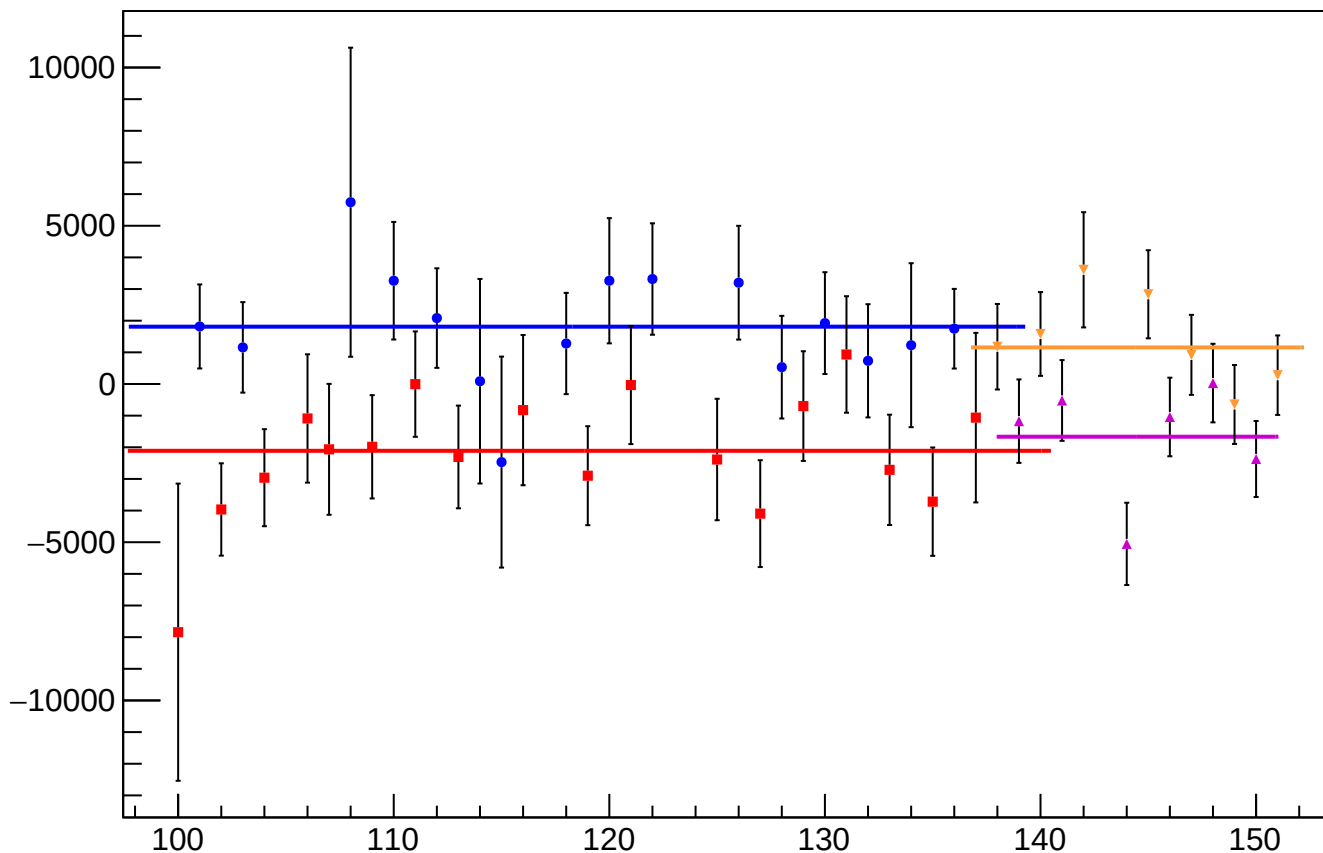
Left In: 968.244 $\pm$ 0.307 χ^2 /NDF: 8738.2/5

+ sign 1037.460 $\pm$ 0.215 χ^2 /NDF: 362857.4/22

All: 1039.593 $\pm$ 0.152 χ^2 /NDF: 847942.0/46

- sign 1041.725 $\pm$ 0.215 χ^2 /NDF: 484888.0/23

dit_asym_usl_mean vs Slug



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

Left Out: 1155.337 $\pm$ 510.432 χ^2 /NDF: 6.0/6

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

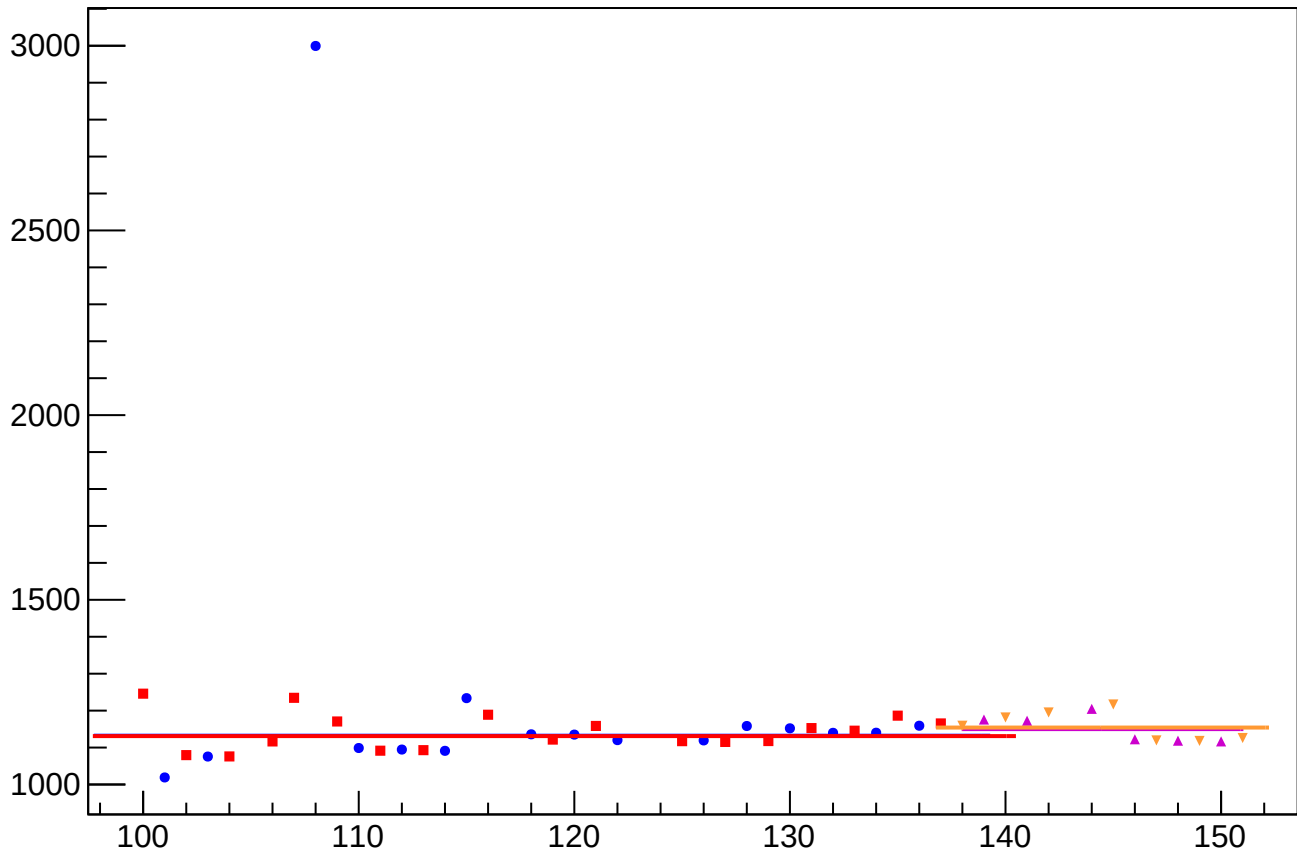
Left In: -1666.054 $\pm$ 514.921 χ^2 /NDF: 10.2/5

+ sign 1529.964 $\pm$ 334.197 χ^2 /NDF: 13.4/22

All: -226.819 $\pm$ 234.453 χ^2 /NDF: 91.5/46

- sign -1929.363 $\pm$ 328.997 χ^2 /NDF: 23.7/23

dit_asym_usl_rms vs Slug



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

Left Out: 1154.154 $\pm$ 0.361 χ^2 /NDF:10131.4/6

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

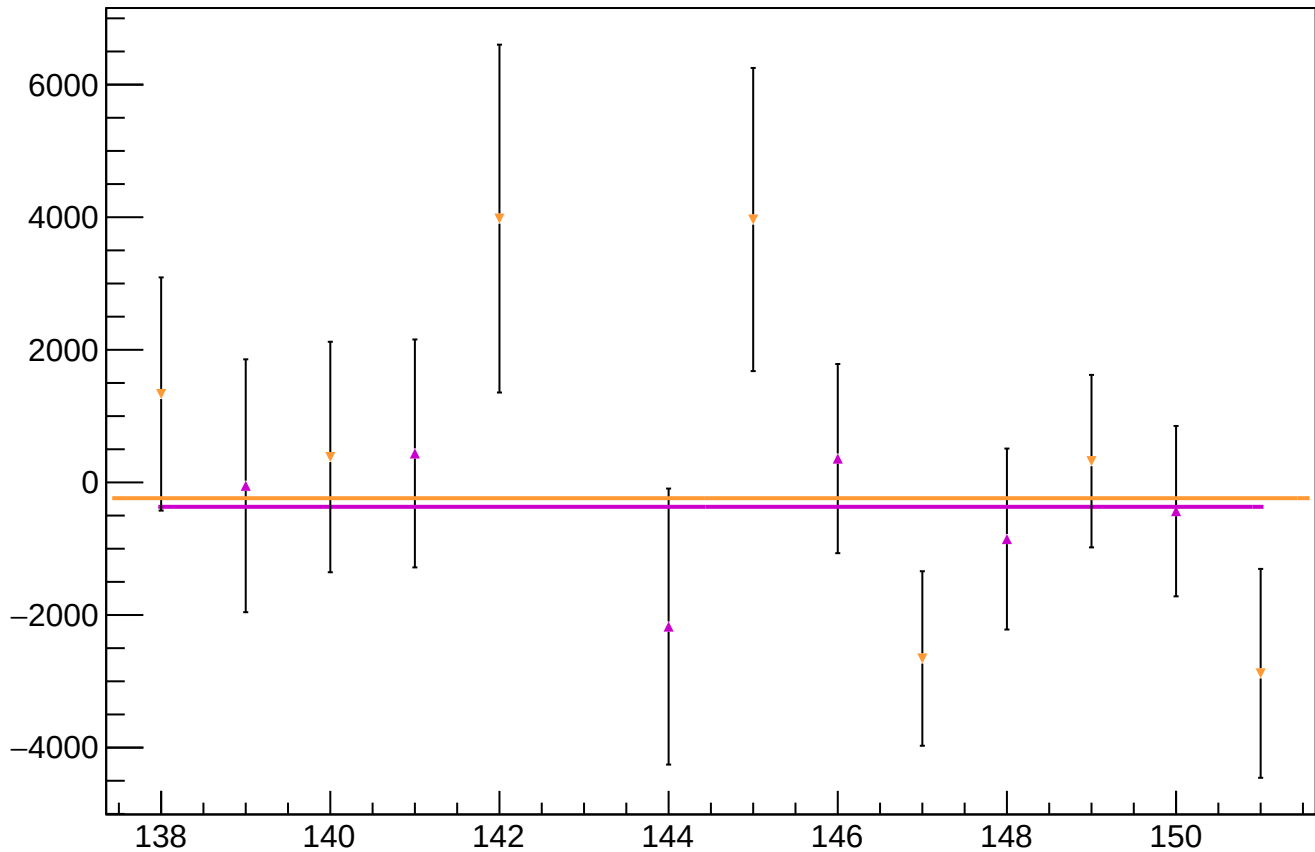
Left In: 1149.981 $\pm$ 0.364 χ^2 /NDF:8756.0/5

+ sign 1141.539 $\pm$ 0.236 χ^2 /NDF: 328295.7/22

All: 1140.127 $\pm$ 0.166 χ^2 /NDF: 358446.5/46

- sign 1138.758 $\pm$ 0.233 χ^2 /NDF: 30080.5/23

asym_usl_correction_mean vs Slug



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

Left Out: -237.827+/-624.758 χ^2/NDF :13.3/6

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

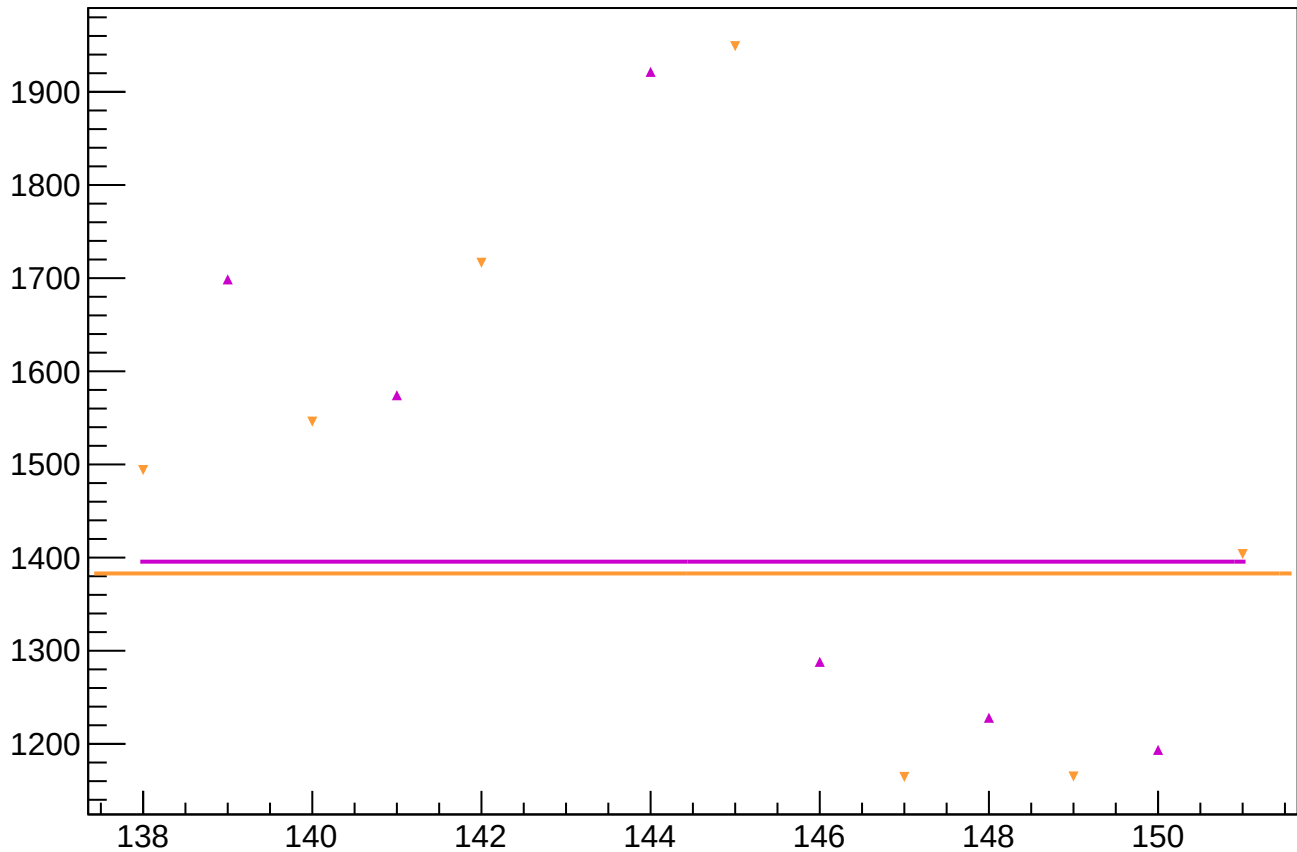
Left In: -368.152+/-635.255 χ^2/NDF :1.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -301.904+/-445.436 χ^2/NDF : 14.7/12

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_correction_rms vs Slug



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

Left Out: 1382.976+/-0.442 χ^2/NDF : 292057.1/6

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

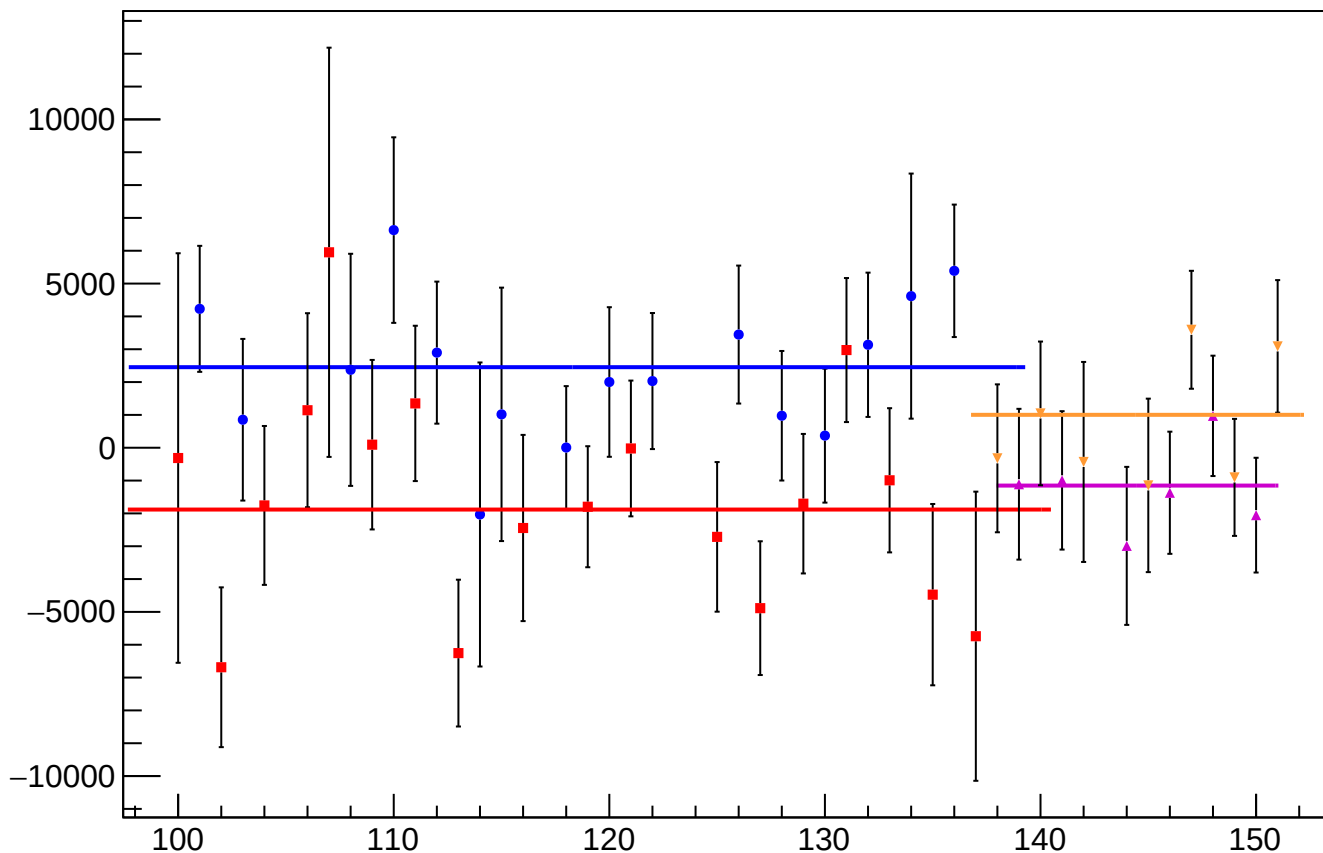
Left In: 1395.637+/-0.449 χ^2/NDF : 290721.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.201+/-0.315 χ^2/NDF : 583182.4/12

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2453.670 ± 584.307 χ^2/NDF : 10.8/15

Left Out: 1002.263 ± 809.196 χ^2/NDF : 5.5/6

Right Out: -1882.755 ± 583.188 χ^2/NDF : 22.8/17

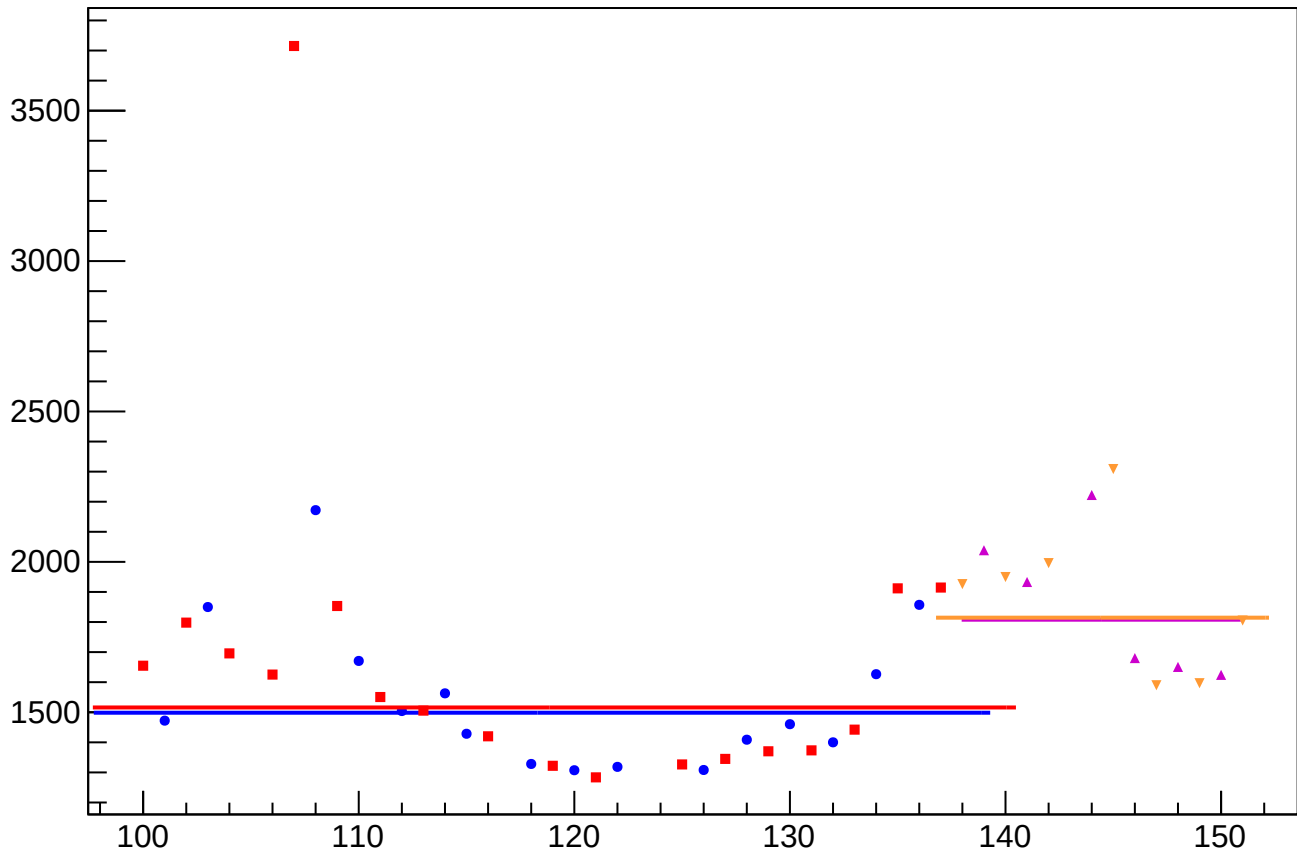
Left In: -1152.453 ± 816.092 χ^2/NDF : 2.2/5

+ sign 1956.256 ± 473.717 χ^2/NDF : 18.4/22

All: 163.104 ± 335.240 χ^2/NDF : 72.6/46

- sign -1635.882 ± 474.487 χ^2/NDF : 25.5/23

asym_usl_rms vs Slug



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

Left Out: 1814.482+/-0.572 χ^2/NDF : 150799.6/6

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

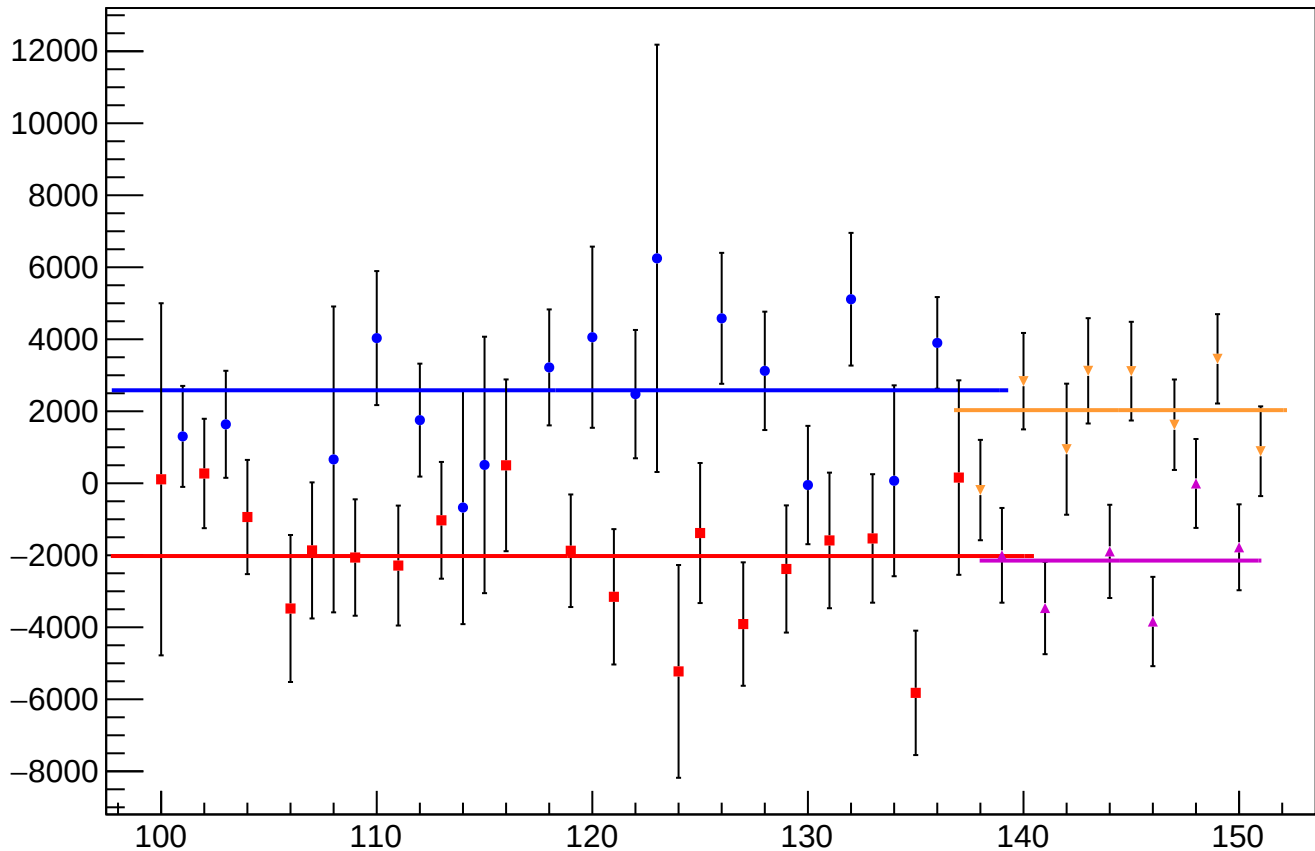
Left In: 1807.759+/-0.577 χ^2/NDF : 132784.9/5

+ sign 1606.781+/-0.335 χ^2/NDF : 610075.1/22

All: 1610.680+/-0.237 χ^2/NDF : 1392944.4/46

- sign 1614.593+/-0.336 χ^2/NDF : 782597.7/23

dit_asym_usr_mean vs Slug



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

Left Out: 2031.292 $\pm$ 482.207 χ^2 /NDF: 6.7/7

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

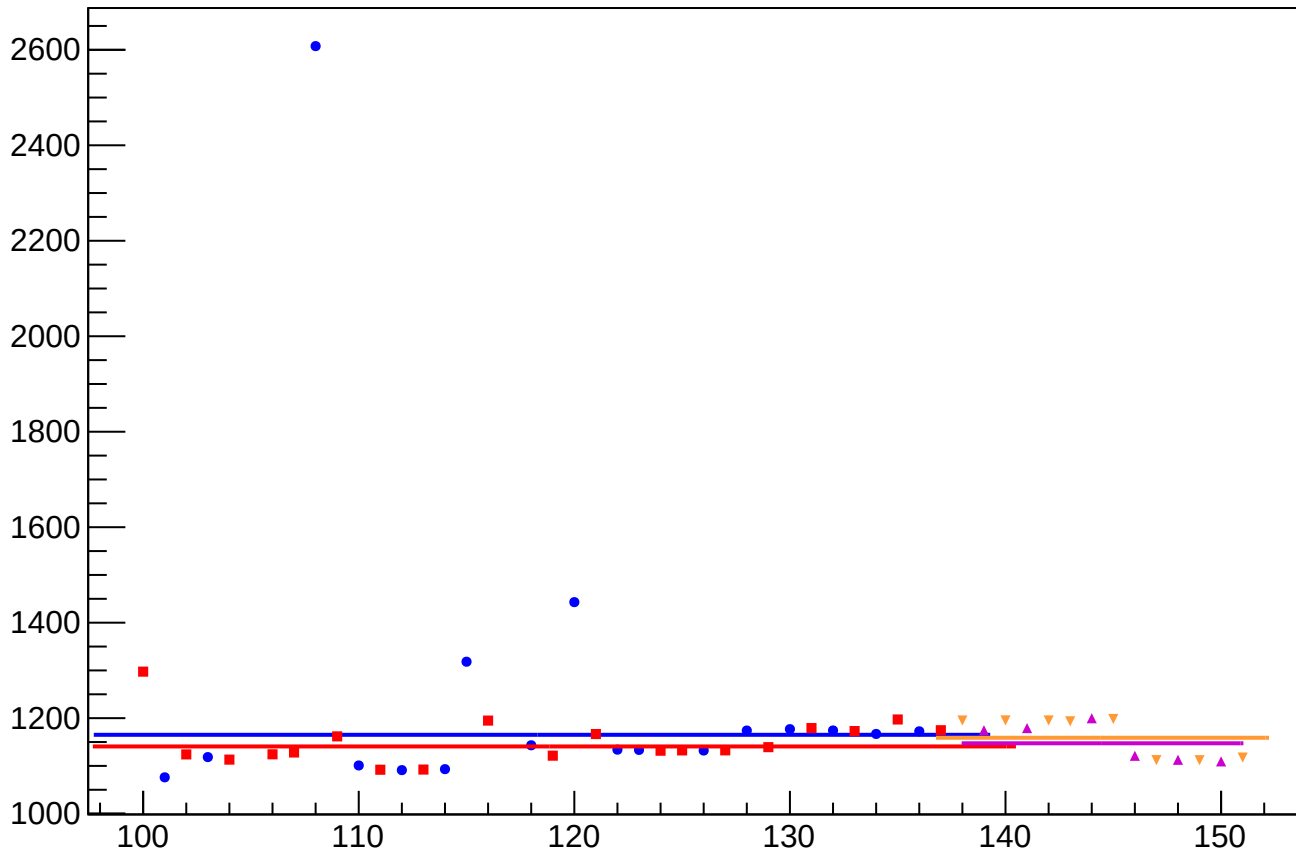
Left In: -2147.004 $\pm$ 513.715 χ^2 /NDF: 6.1/5

+ sign 2324.236 $\pm$ 330.237 χ^2 /NDF: 19.7/24

All: 112.796 $\pm$ 232.812 χ^2 /NDF: 128.4/49

- sign -2072.293 $\pm$ 328.264 χ^2 /NDF: 19.6/24

dit_asym_usr_rms vs Slug



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

Left Out: 1158.929 $\pm$ 0.341 χ^2 /NDF:14242.1/7

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

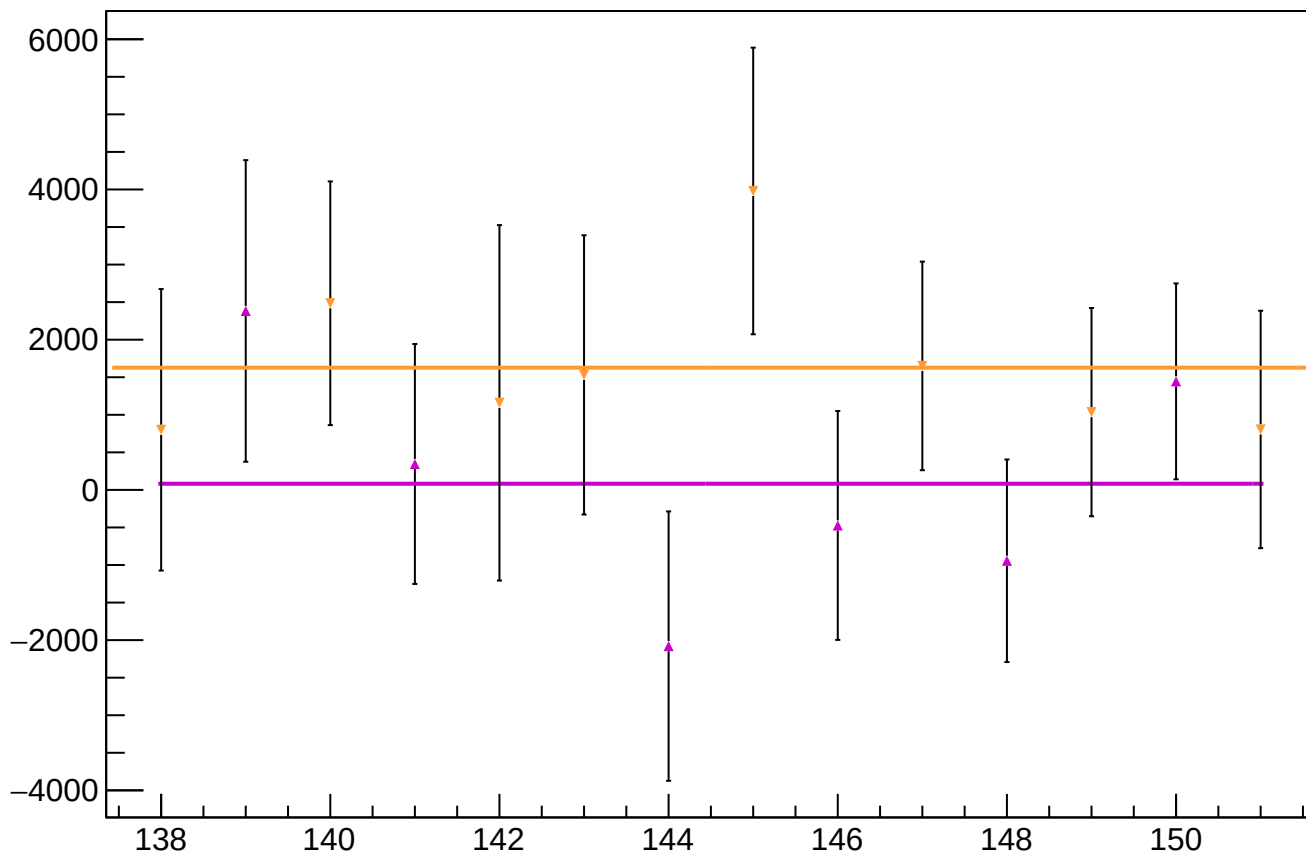
Left In: 1147.377 $\pm$ 0.363 χ^2 /NDF:9840.6/5

+ sign 1162.230 $\pm$ 0.234 χ^2 /NDF: 292988.8/24

All: 1152.787 $\pm$ 0.165 χ^2 /NDF: 318994.9/49

- sign 1143.457 $\pm$ 0.232 χ^2 /NDF: 22755.1/24

asym_usr_correction_mean vs Slug



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

Left Out: 1627.443+/-592.666 χ^2/NDF : 2.5/7

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

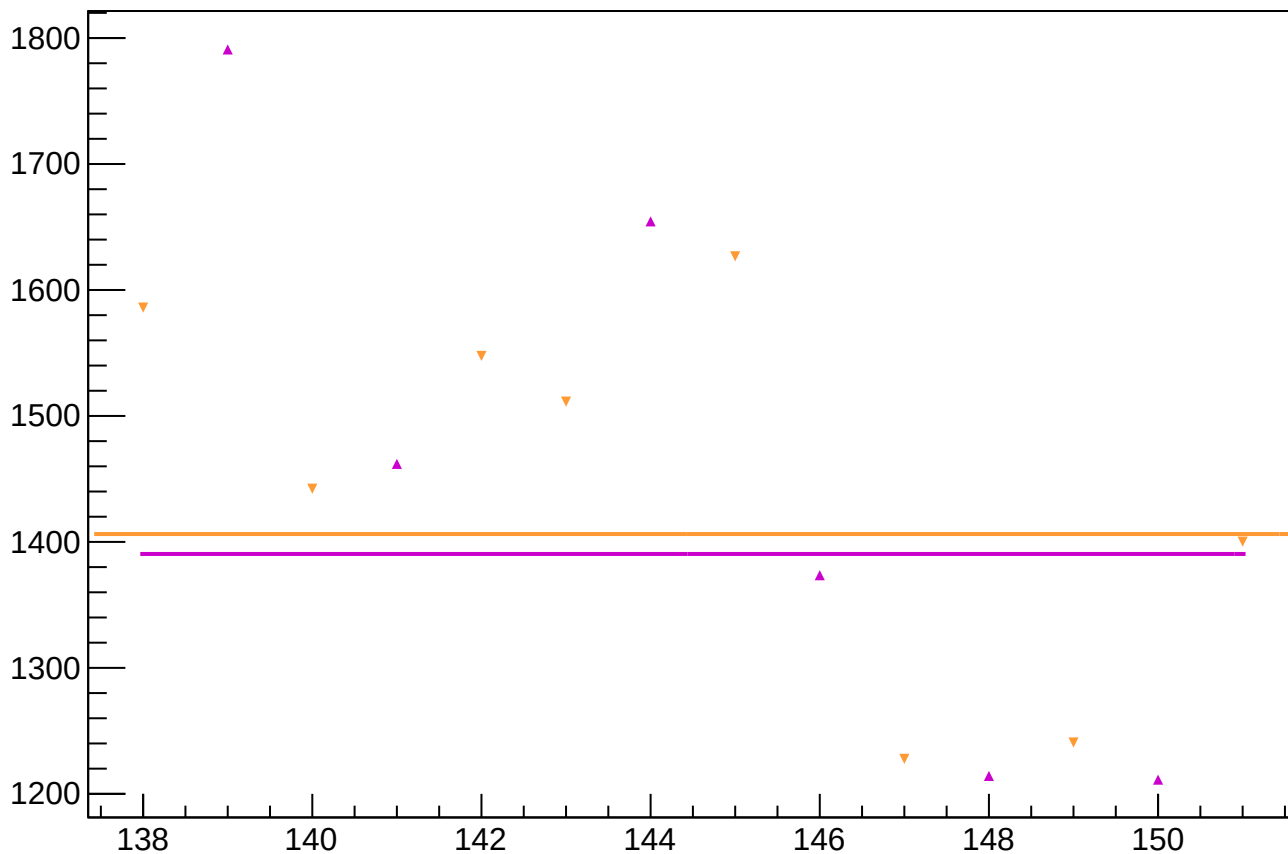
Left In: 82.456+/-629.992 χ^2/NDF : 4.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.072+/-431.671 χ^2/NDF : 10.3/13

- 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: 1406.250+/-0.419 χ^2/NDF :121221.5/7

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

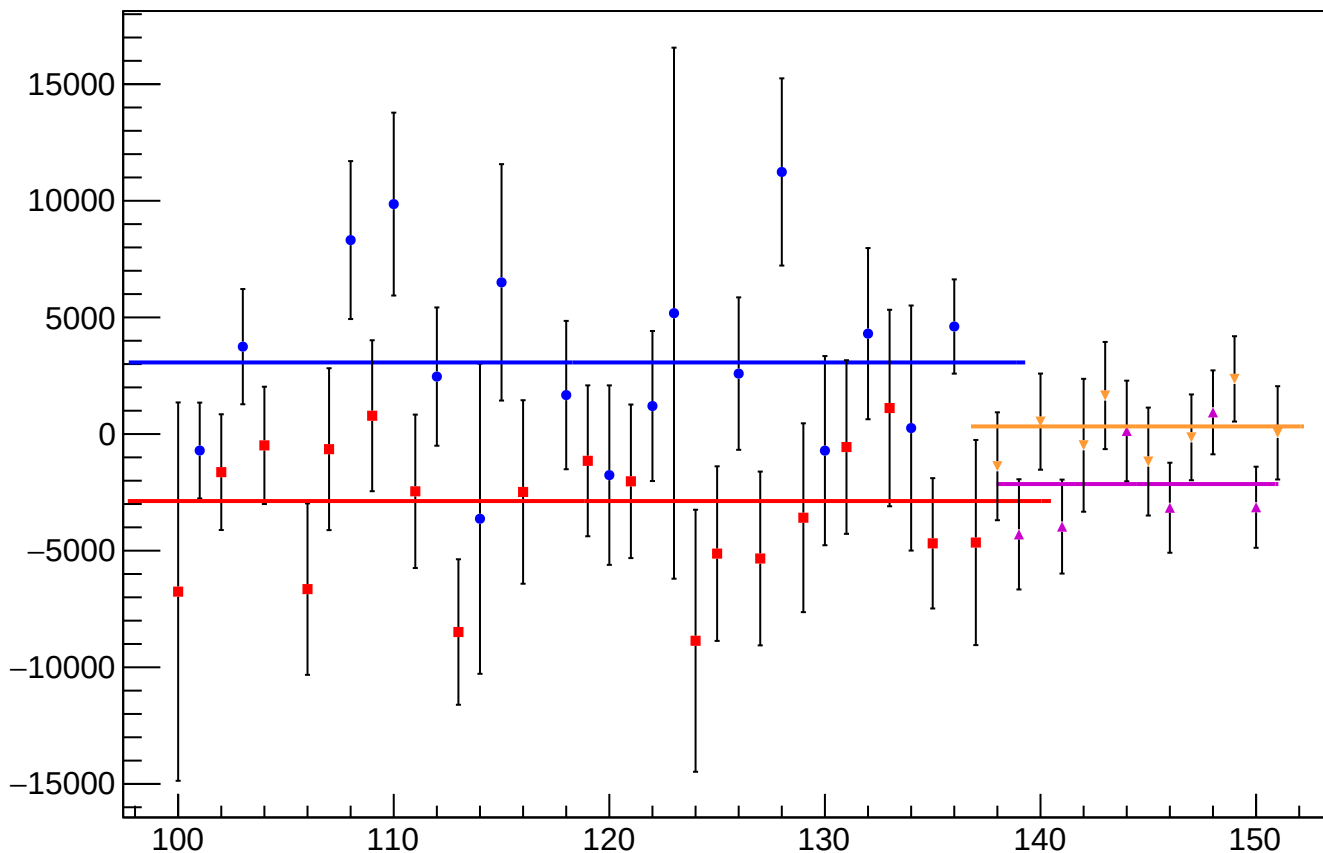
Left In: 1390.431+/-0.445 χ^2/NDF :199104.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.823+/-0.305 χ^2/NDF : 320994.9/13

- 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: 327.043 ± 752.370 χ^2/NDF : 2.7/7

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

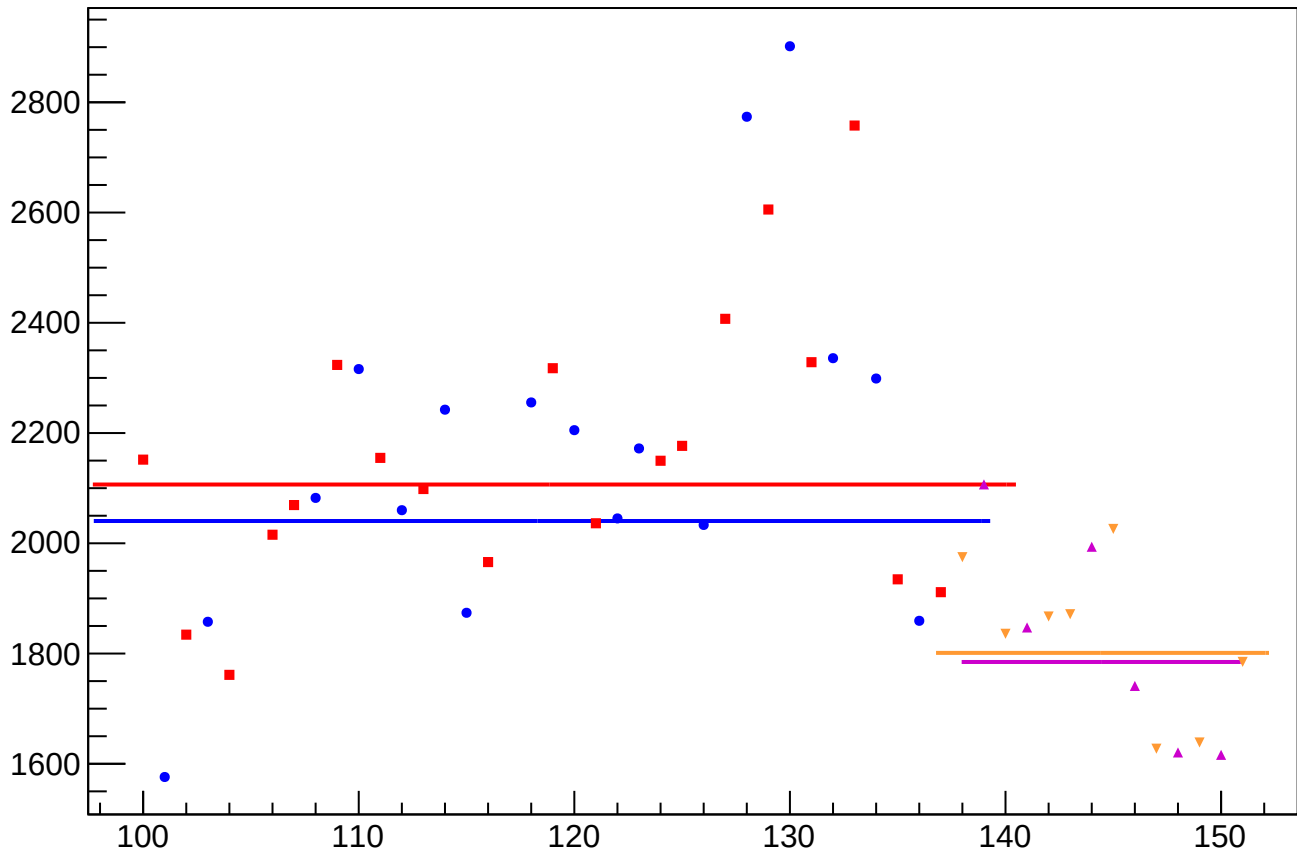
Left In: -2143.460 ± 803.531 χ^2/NDF : 6.3/5

+ sign 1618.062 ± 547.343 χ^2/NDF : 27.5/24

All: -380.333 ± 393.214 χ^2/NDF : 73.3/49

- sign -2511.767 ± 565.269 χ^2/NDF : 18.3/24

asym_usr_rms vs Slug



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

Left Out: 1801.201+/-0.532 χ^2/NDF : 67451.2/7

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

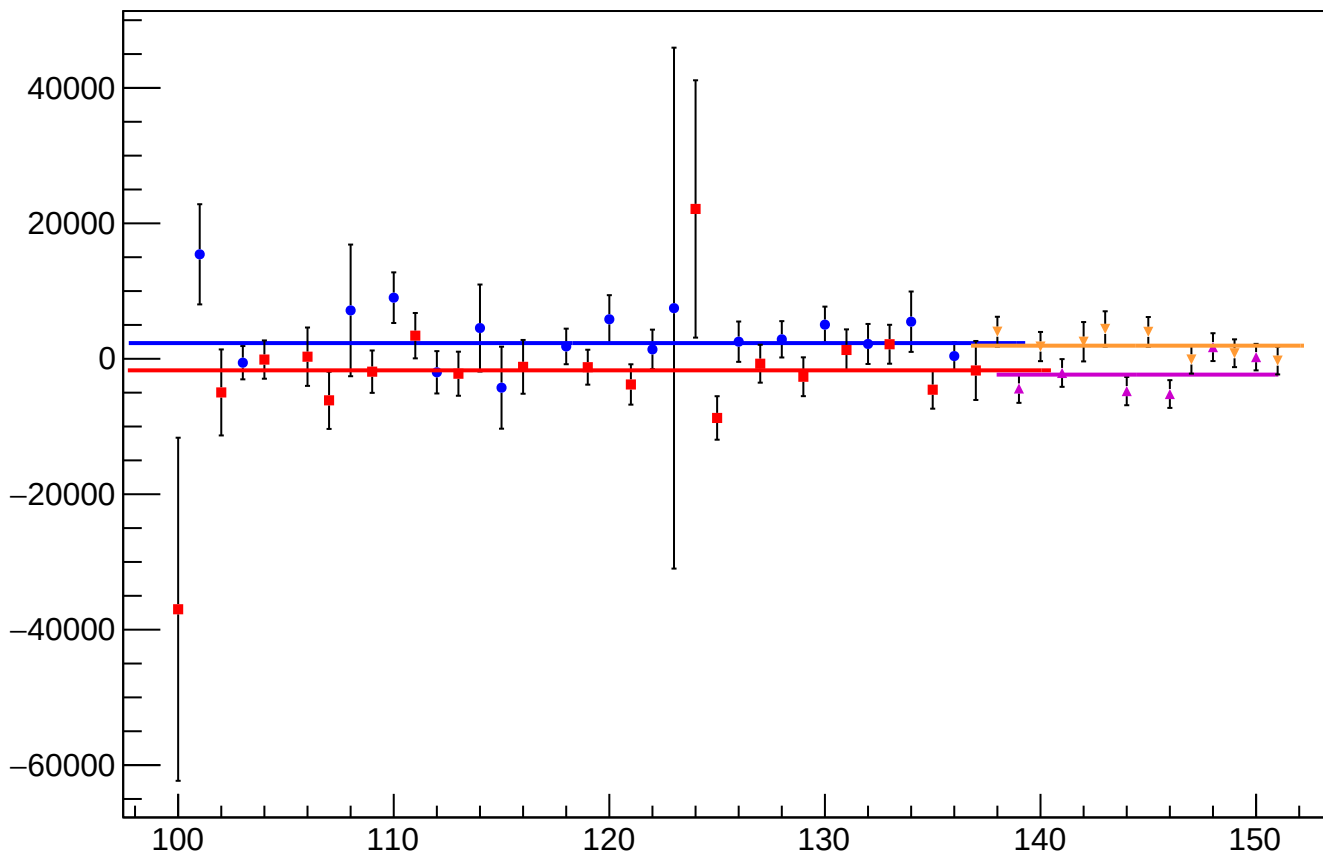
Left In: 1784.693+/-0.568 χ^2/NDF : 94320.8/5

+ sign 1913.821+/-0.387 χ^2/NDF : 493984.1/24

All: 1930.024+/-0.278 χ^2/NDF : 949500.2/49

- sign 1947.305+/-0.400 χ^2/NDF : 451894.2/24

dit_asym_at1_avg_mean vs Slug



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

Left Out: 1938.944 $\pm$ 789.847 χ^2 /NDF: 5.1/7

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

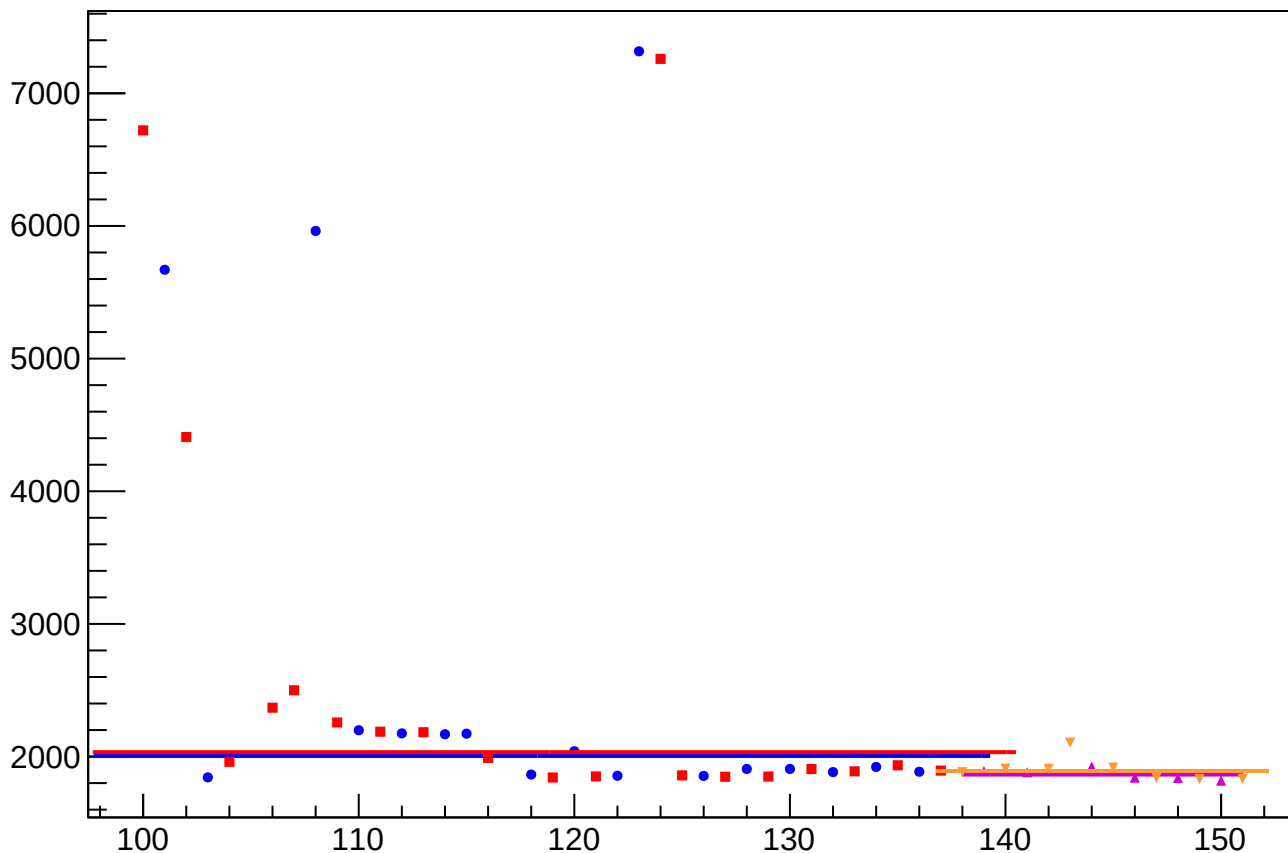
Left In: -2337.165 $\pm$ 837.485 χ^2 /NDF: 9.9/5

+ sign 2126.222 $\pm$ 562.560 χ^2 /NDF: 20.0/24

All: 97.040 $\pm$ 401.051 χ^2 /NDF: 73.8/49

- sign -2000.061 $\pm$ 571.898 χ^2 /NDF: 27.4/24

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1891.204+/-0.559 χ^2/NDF : 18685.6/7

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

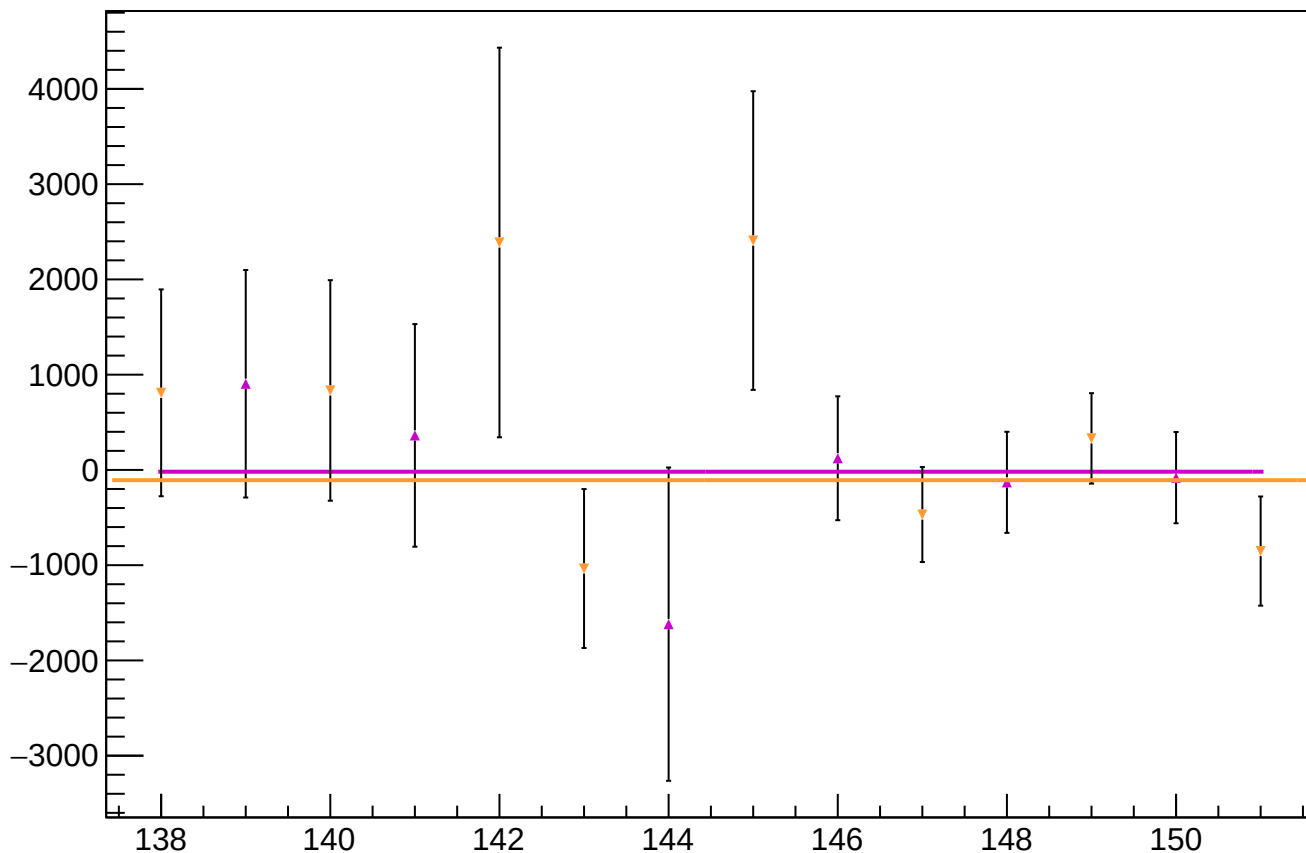
Left In: 1864.470+/-0.592 χ^2/NDF : 3753.7/5

+ sign 1947.052+/-0.398 χ^2/NDF : 954992.5/24

All: 1950.800+/-0.284 χ^2/NDF : 1613411.2/49

- sign 1954.673+/-0.404 χ^2/NDF : 658238.2/24

asym_at1_avg_correction_mean vs Slug



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

Left Out: -107.811+/-256.605 χ^2/NDF : 9.7/7

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

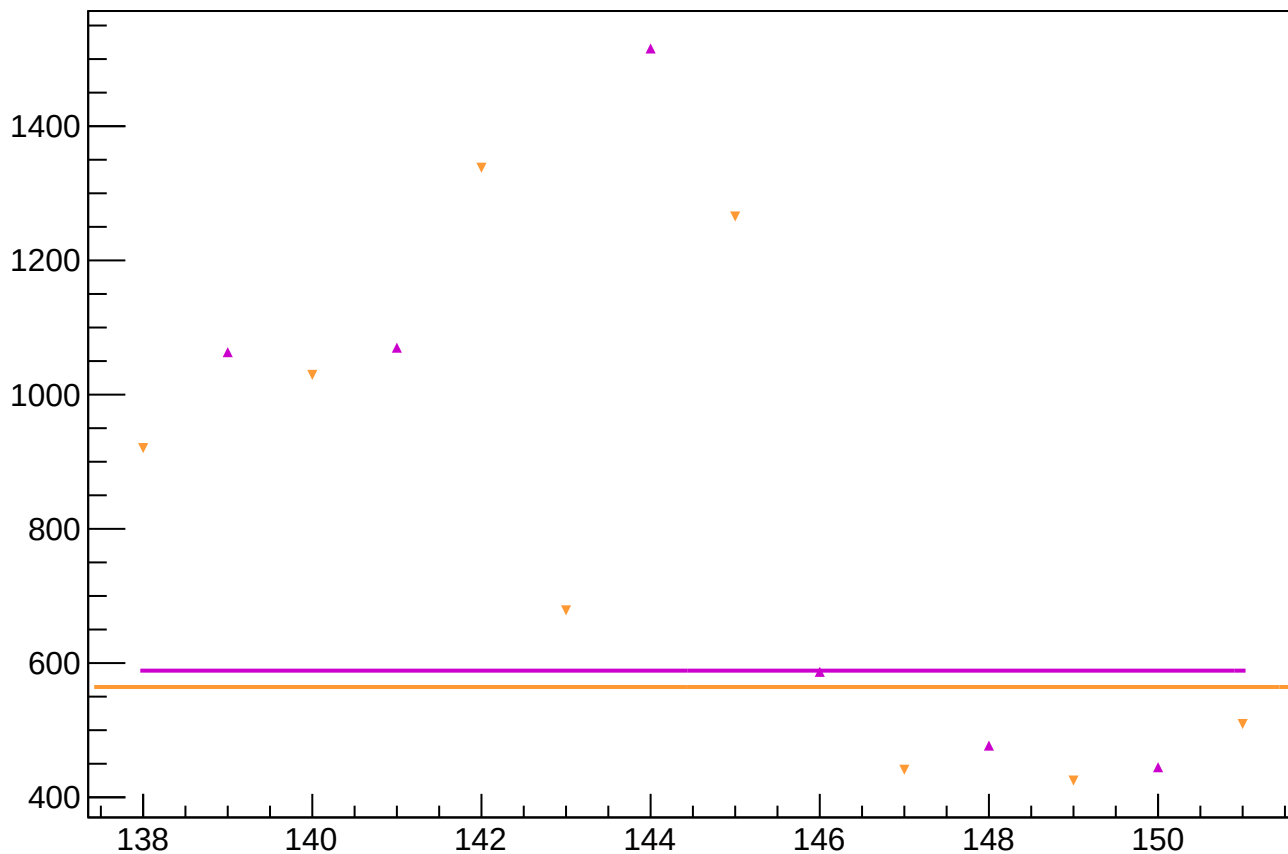
Left In: -18.694+/-287.718 χ^2/NDF : 1.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.330+/-191.506 χ^2/NDF : 11.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_correction_rms vs Slug



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

Left Out: 564.353+/-0.181 χ^2/NDF :1575050.0/7

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

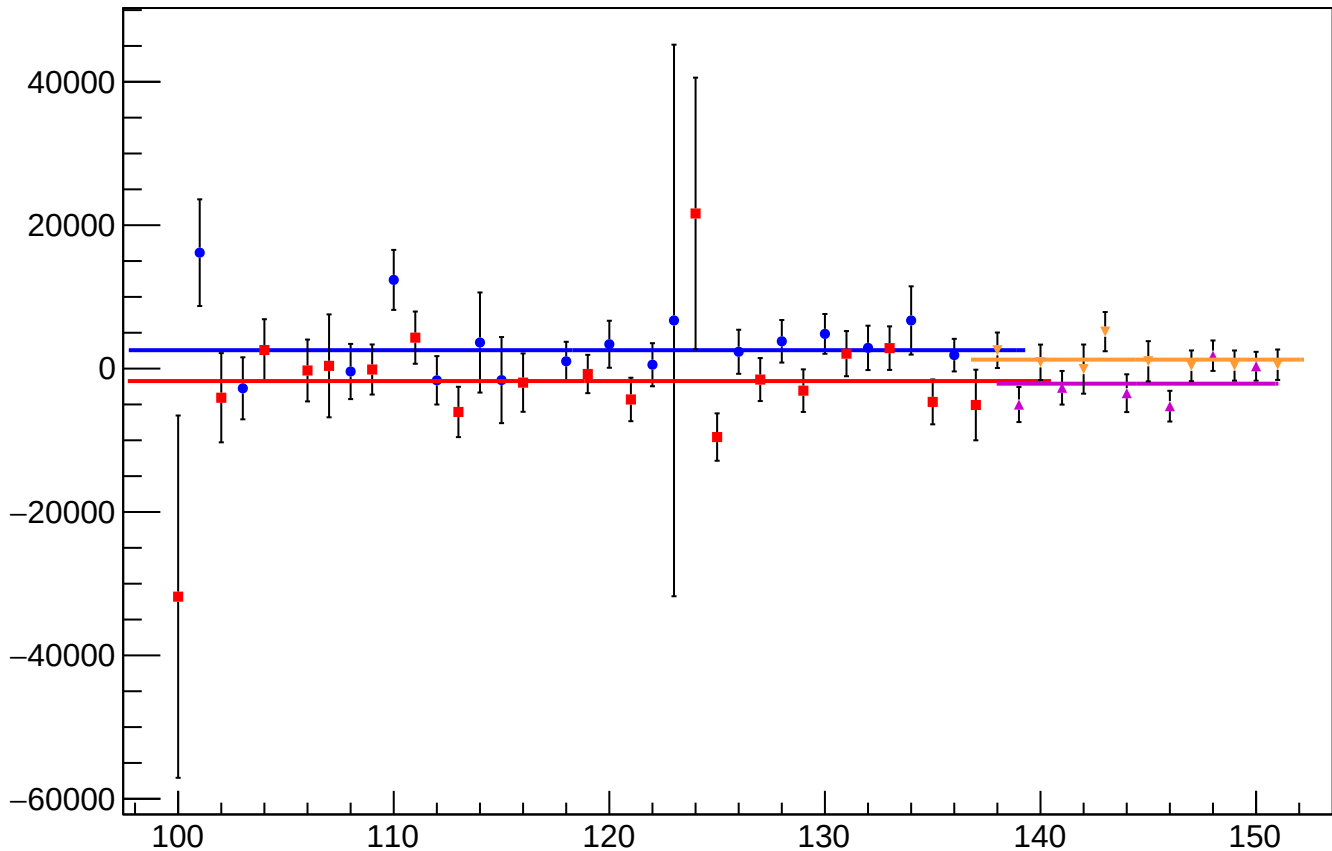
Left In: 588.719+/-0.203 χ^2/NDF :1559655.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.148+/-0.135 χ^2/NDF : 3142695.3/13

- 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: 1250.836 $\pm$ 864.122 χ^2/NDF : 2.9/7

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

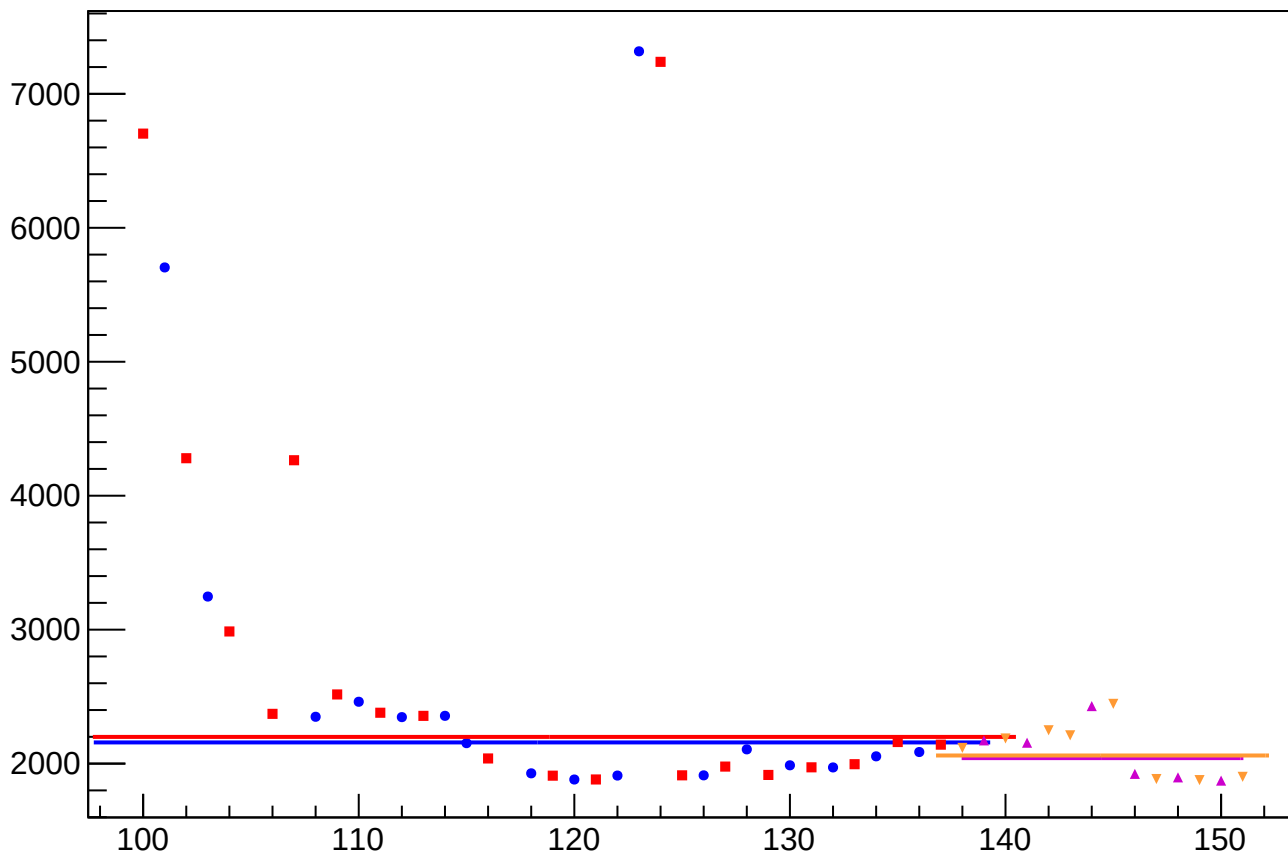
Left In: -2102.922 $\pm$ 920.755 χ^2/NDF : 8.7/5

+ sign 1914.962 $\pm$ 608.166 χ^2/NDF : 19.7/24

All: 58.926 $\pm$ 436.145 χ^2/NDF : 68.1/49

- sign -1906.410 $\pm$ 625.817 χ^2/NDF : 29.3/24

asym_at1_avg_rms vs Slug



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

Left Out: 2060.635+/-0.611 χ^2/NDF : 96223.0/7

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

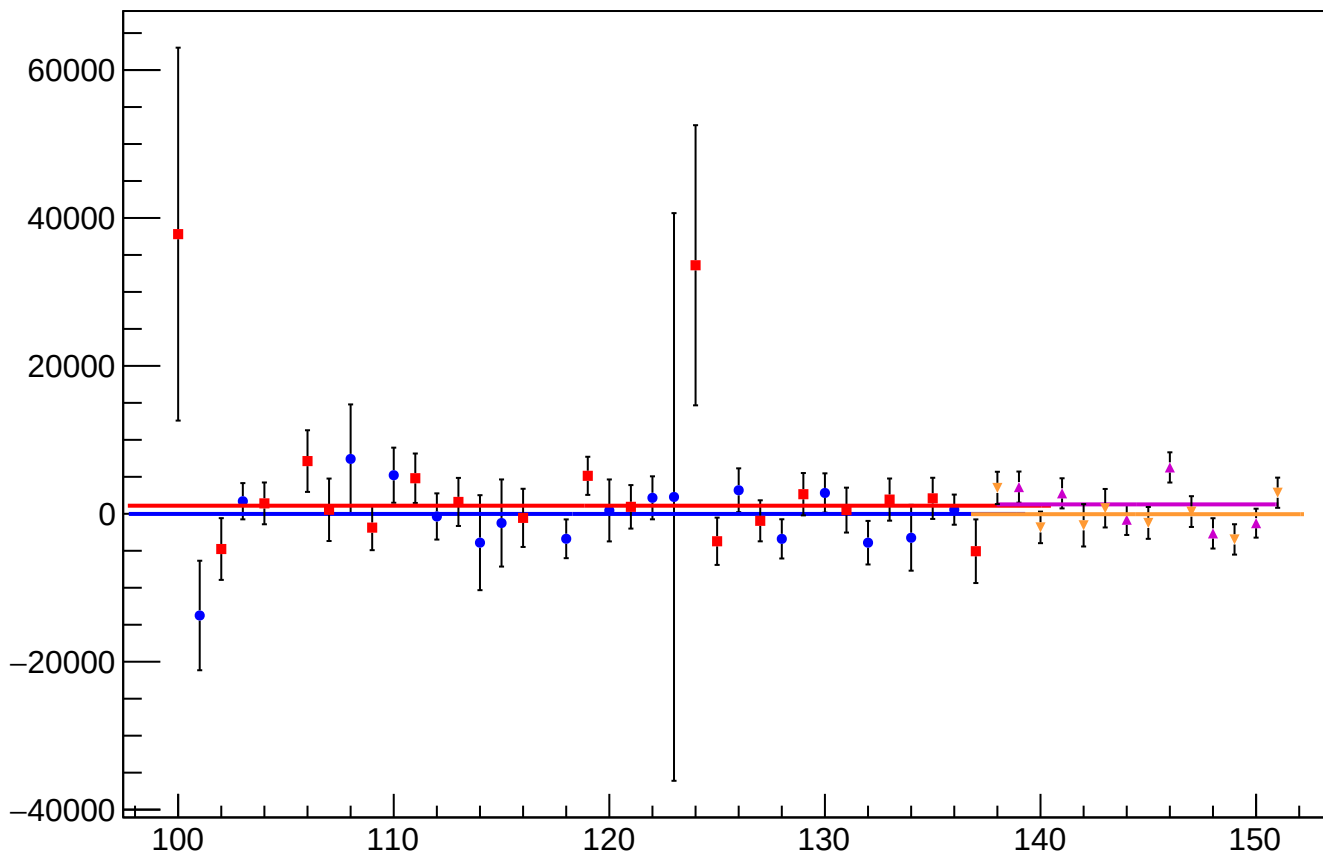
Left In: 2041.027+/-0.651 χ^2/NDF : 83168.5/5

+ sign 2109.847+/-0.430 χ^2/NDF : 822938.6/24

All: 2117.793+/-0.308 χ^2/NDF : 1741645.1/49

- sign 2126.207+/-0.443 χ^2/NDF : 918003.6/24

dit_asym_at1_dd_mean vs Slug



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

Left Out: -52.342 ± 785.180 χ^2/NDF : 8.8/7

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

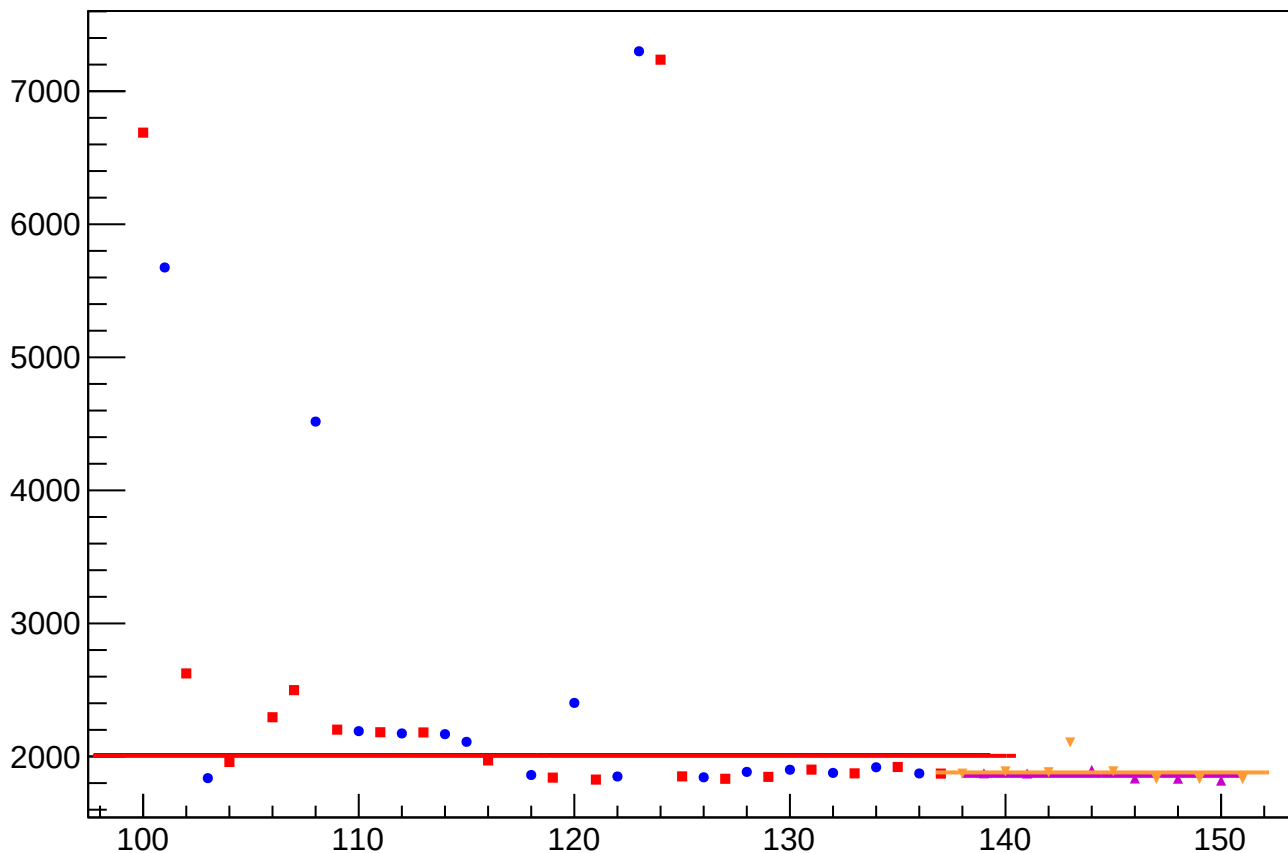
Left In: 1273.070 ± 832.900 χ^2/NDF : 14.1/5

+ sign -35.657 ± 560.855 χ^2/NDF : 24.7/24

All: 566.021 ± 398.144 χ^2/NDF : 60.5/49

- sign 1177.260 ± 565.293 χ^2/NDF : 33.5/24

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1880.108+/-0.555 χ^2/NDF : 18498.2/7

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

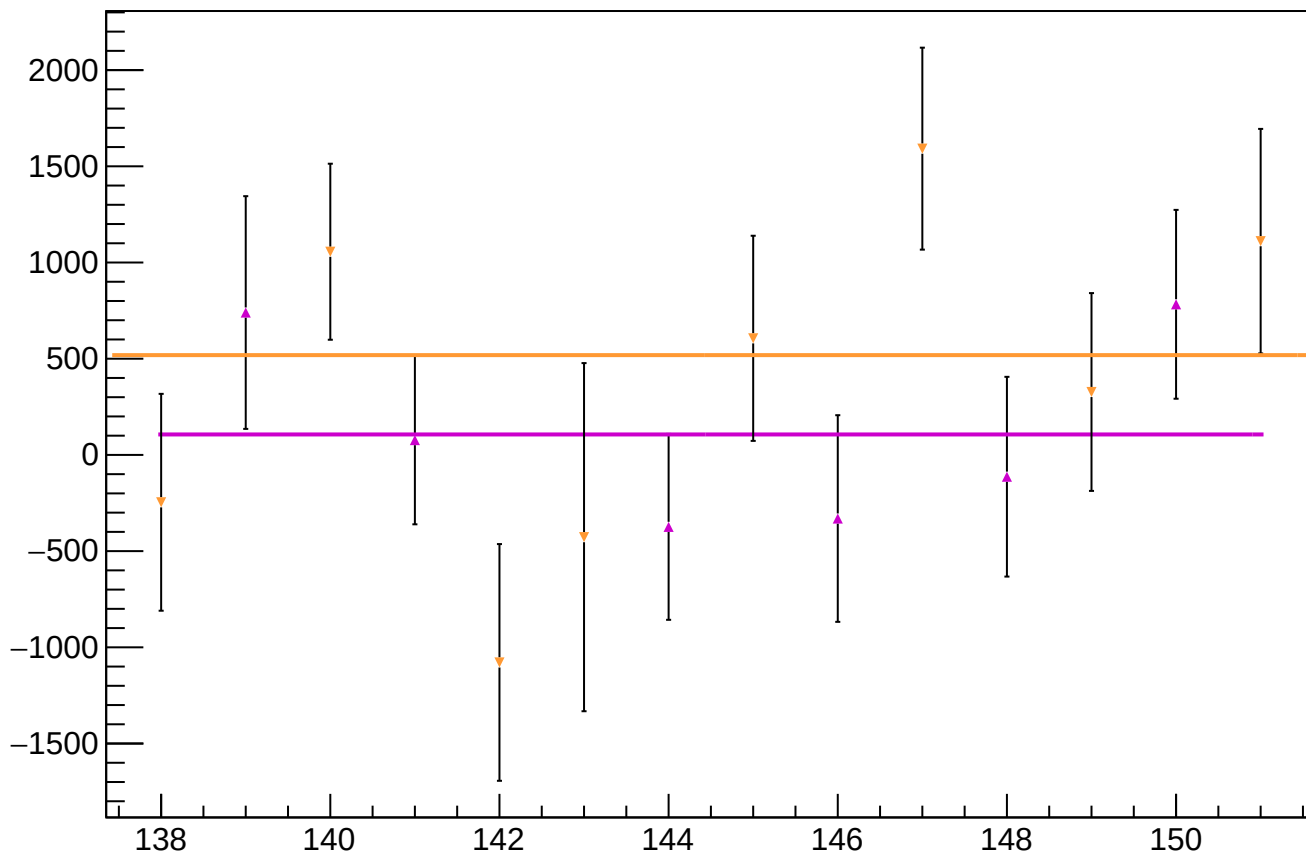
Left In: 1854.480+/-0.589 χ^2/NDF : 2336.9/5

+ sign 1943.859+/-0.397 χ^2/NDF : 885164.6/24

All: 1939.763+/-0.282 χ^2/NDF : 1290404.7/49

- sign 1935.601+/-0.400 χ^2/NDF : 405025.0/24

asym_at1_dd_correction_mean vs Slug



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

Left Out: 518.667+/-197.399 χ^2/NDF : 16.4/7

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

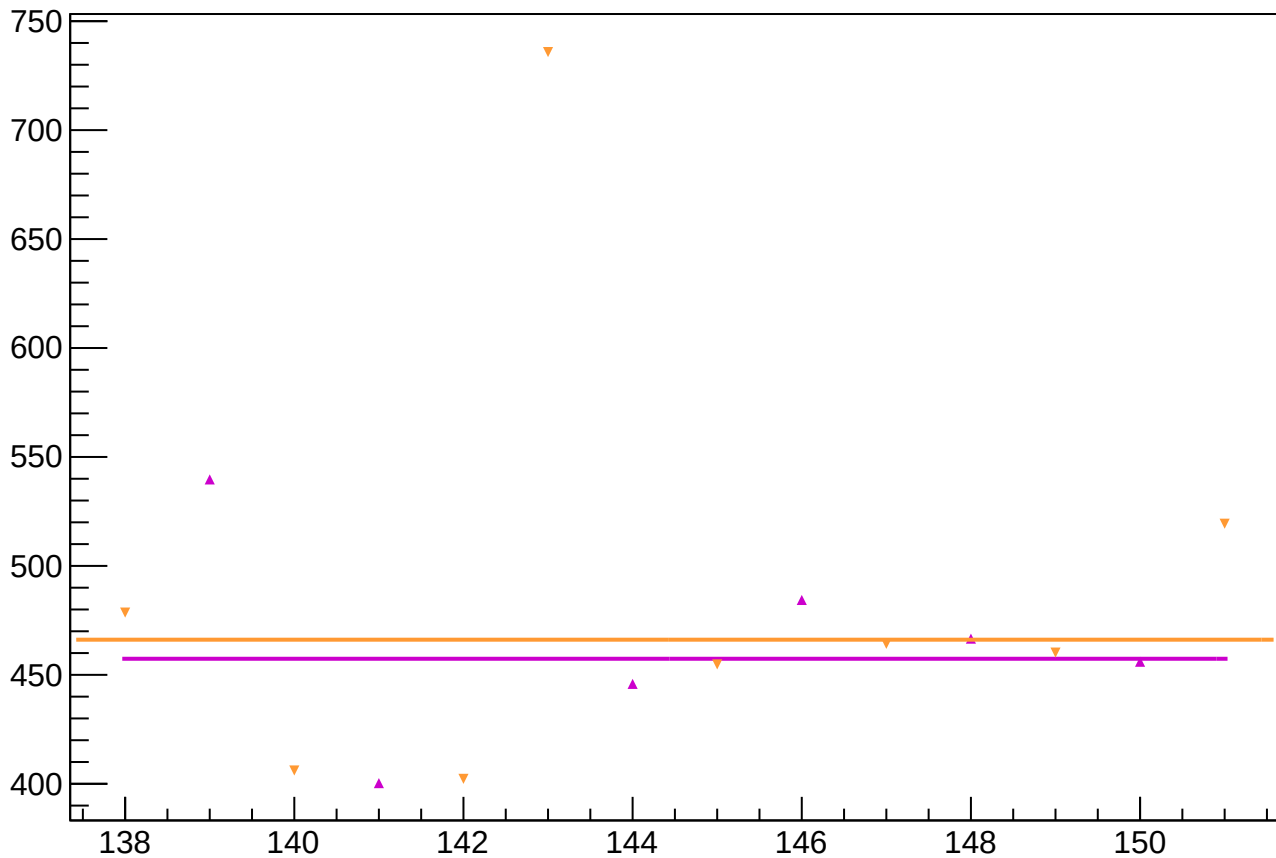
Left In: 106.367+/-205.981 χ^2/NDF : 4.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.284+/-142.519 χ^2/NDF : 23.4/13

- 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: 466.138+/-0.140 χ^2/NDF : 252538.8/7

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

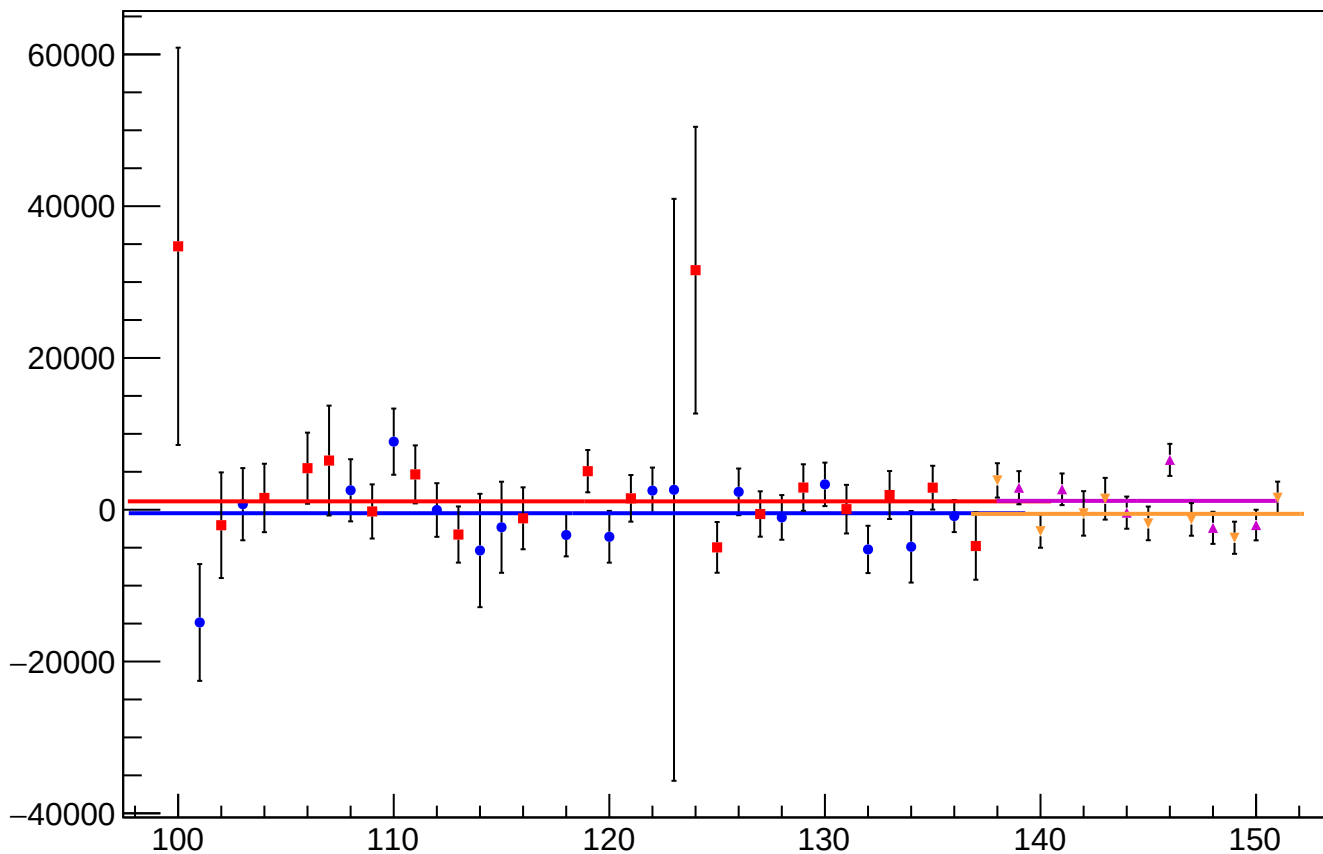
Left In: 457.384+/-0.146 χ^2/NDF : 77889.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.947+/-0.101 χ^2/NDF : 332311.2/13

- 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: -540.485 ± 811.898 χ^2/NDF : 9.1/7

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

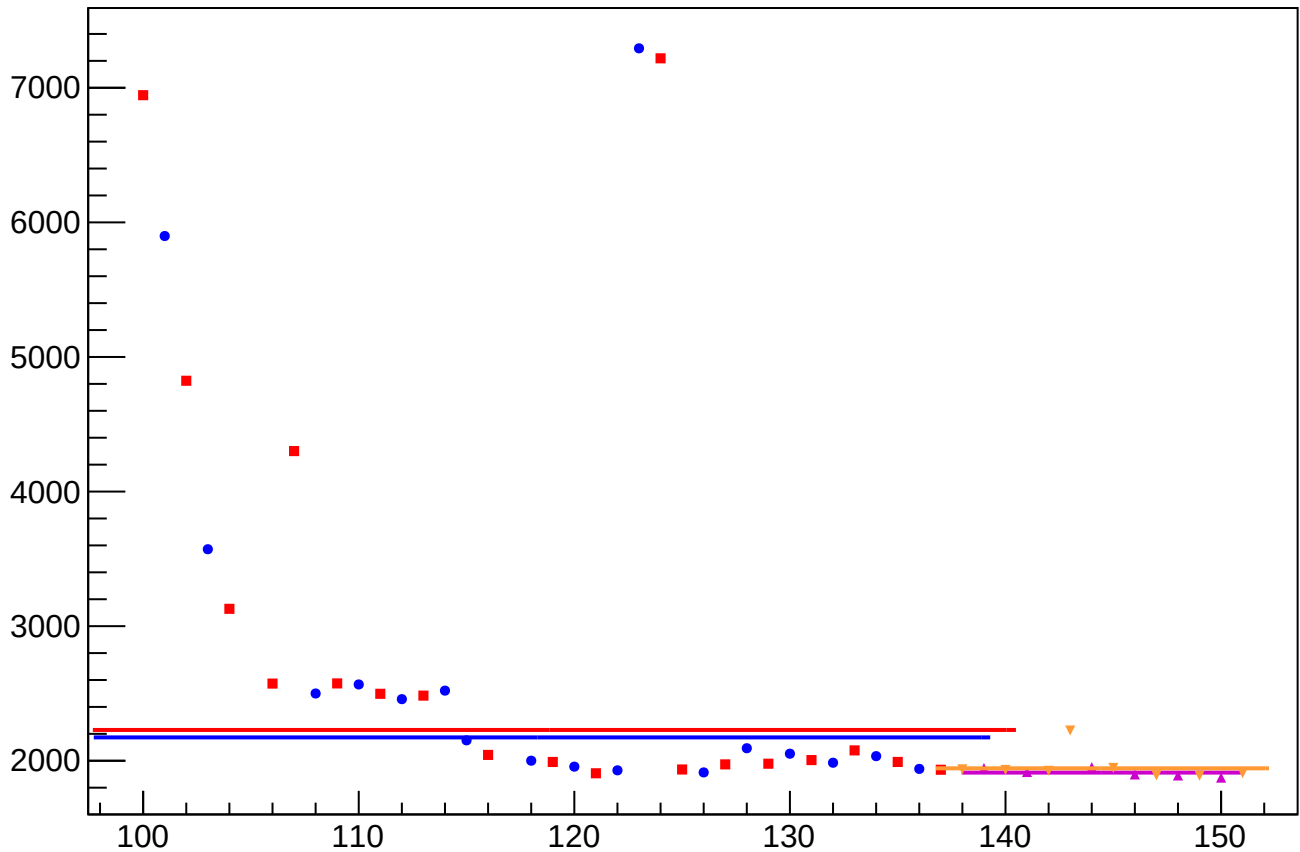
Left In: 1168.515 ± 858.680 χ^2/NDF : 13.6/5

+ sign -502.005 ± 592.030 χ^2/NDF : 27.1/24

All: 292.661 ± 424.892 χ^2/NDF : 61.3/49

- sign 1136.729 ± 610.155 χ^2/NDF : 30.5/24

asym_at1_dd_rms vs Slug



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

Left Out: 1943.880+/-0.574 χ^2/NDF : 24141.6/7

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

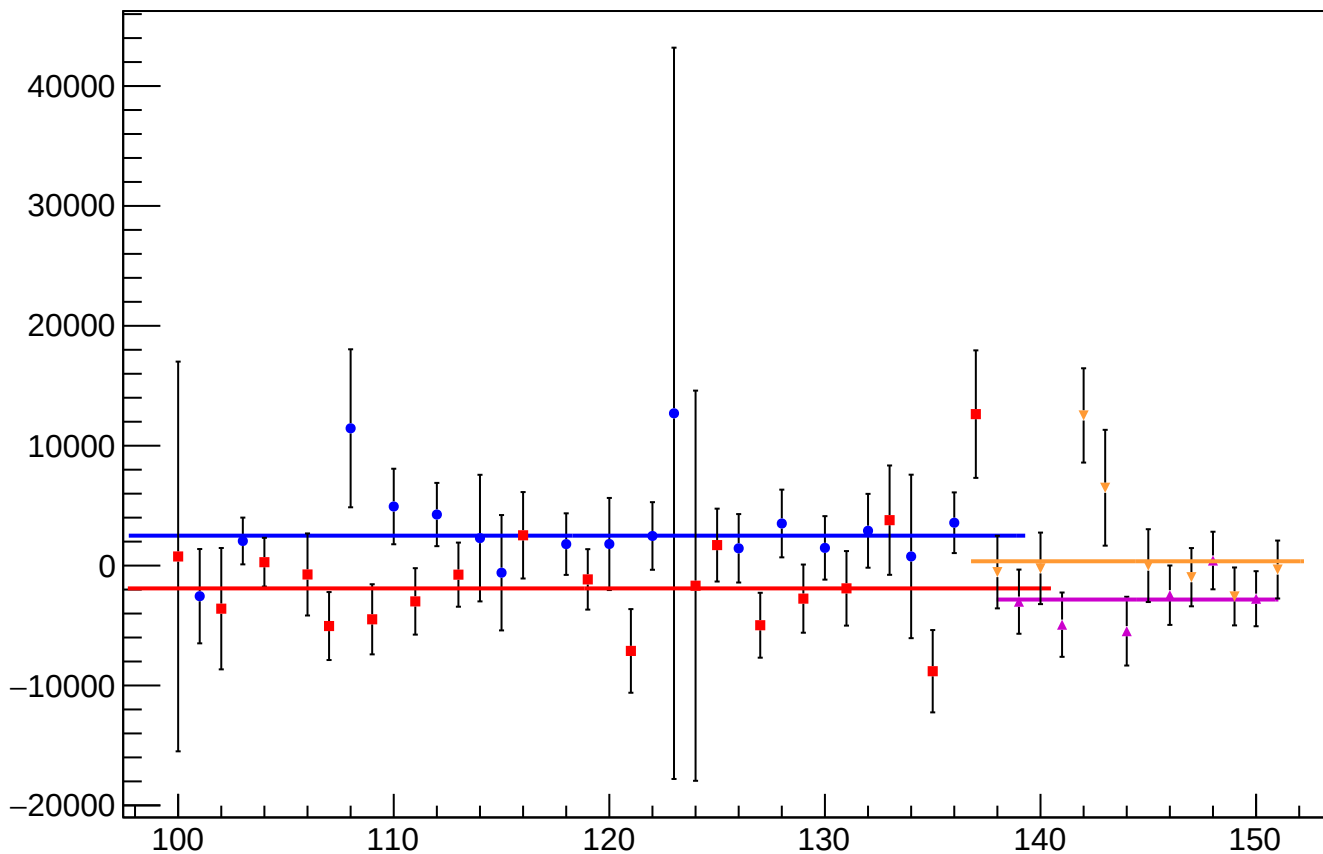
Left In: 1912.092+/-0.607 χ^2/NDF : 2169.8/5

+ sign 2051.419+/-0.419 χ^2/NDF : 904432.9/24

All: 2059.914+/-0.300 χ^2/NDF : 1938094.0/49

- sign 2068.936+/-0.431 χ^2/NDF : 1032812.0/24

dit_asym_at2_avg_mean vs Slug



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

Left Out: 359.800+/-1026.280 χ^2/NDF : 13.2/7

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

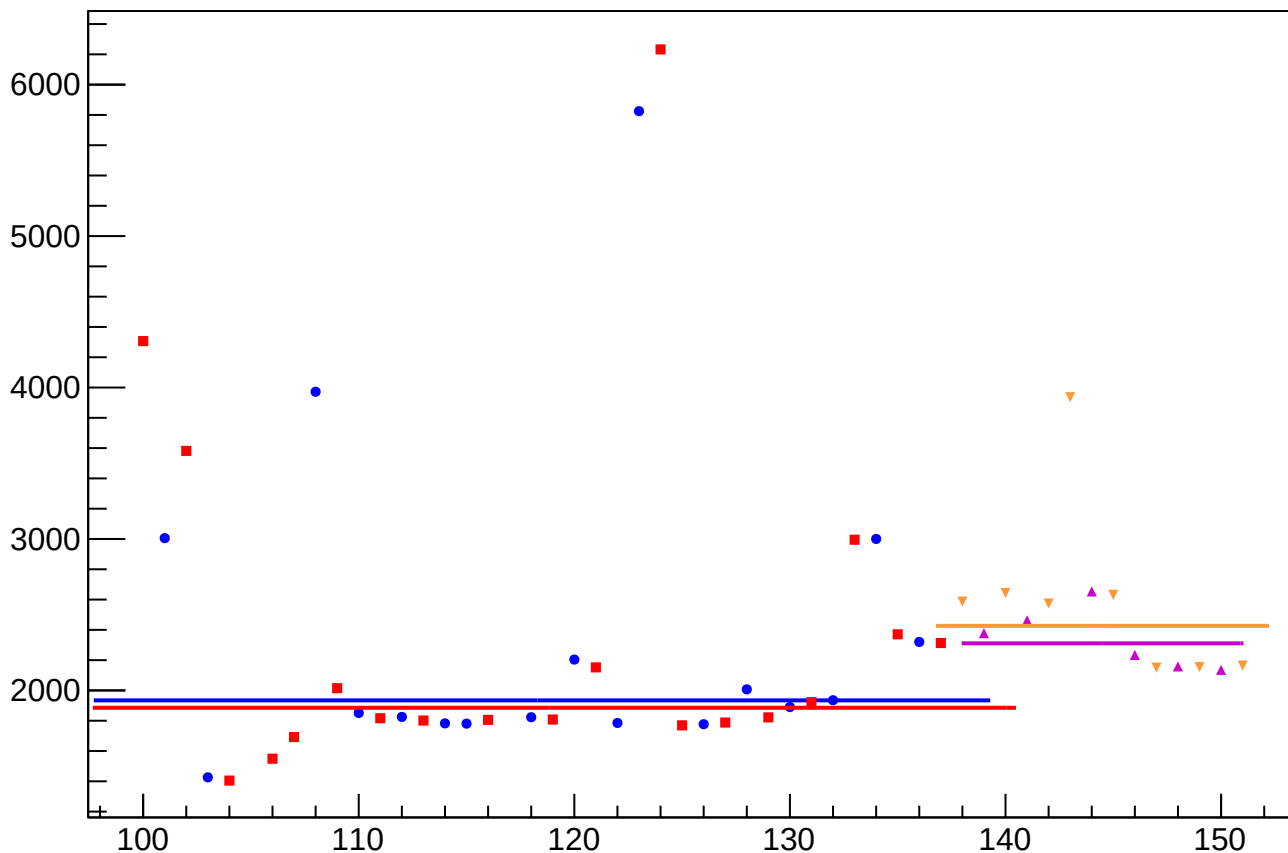
Left In: -2832.037+/-1039.088 χ^2/NDF : 3.3/5

+ sign 1729.169+/-615.043 χ^2/NDF : 21.9/24

All: -287.747+/-429.861 χ^2/NDF : 70.2/49

- sign -2213.809+/-601.030 χ^2/NDF : 27.3/24

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2426.384 ± 0.726 χ^2/NDF : 298324.5/7

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

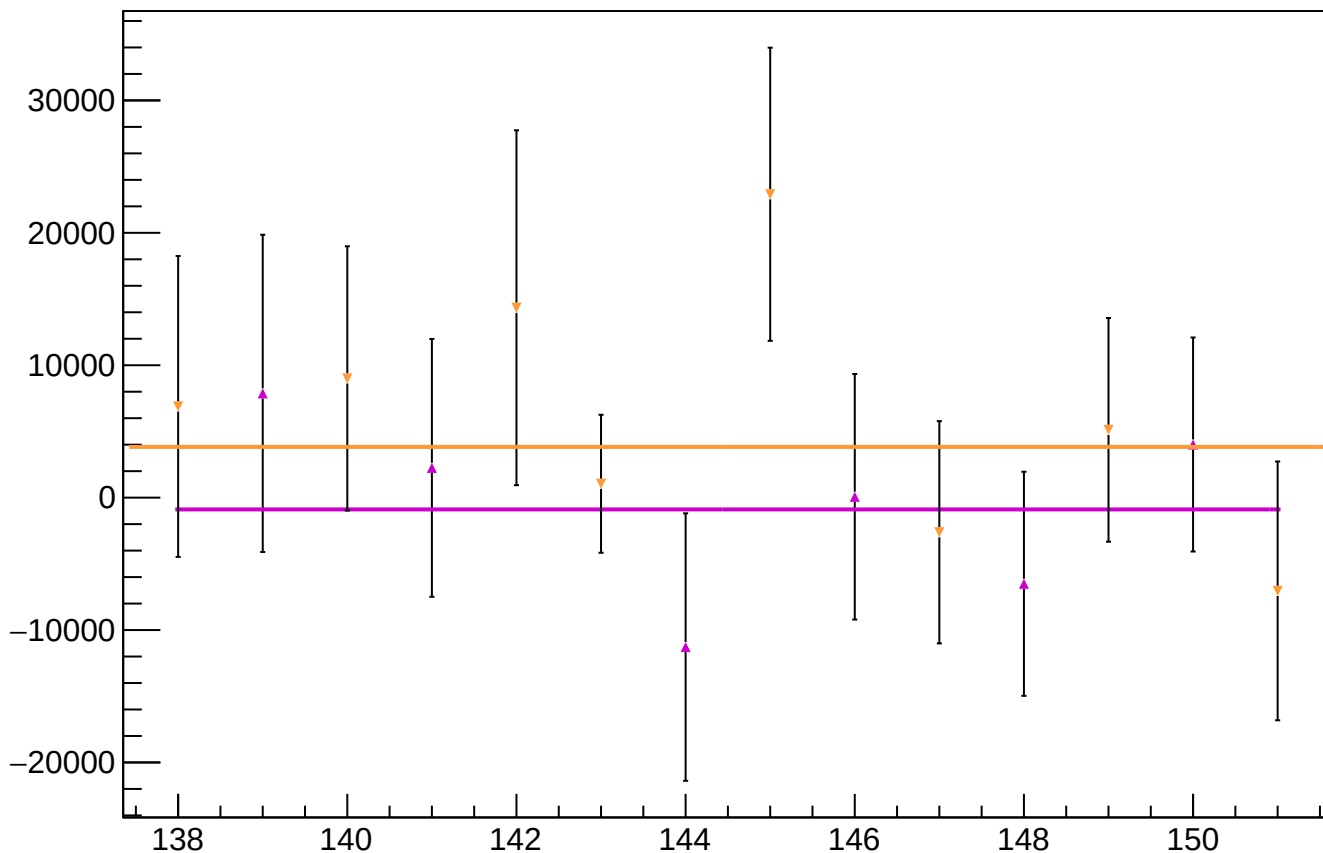
Left In: 2311.080 ± 0.735 χ^2/NDF : 57865.8/5

+ sign 2111.100 ± 0.435 χ^2/NDF : 1231787.4/24

All: 2068.528 ± 0.304 χ^2/NDF : 2283703.0/49

- sign 2027.883 ± 0.425 χ^2/NDF : 1033184.9/24

asym_at2_avg_correction_mean vs Slug



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

Left Out: 3831.398+/-3057.088 χ^2/NDF :6.1/7

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

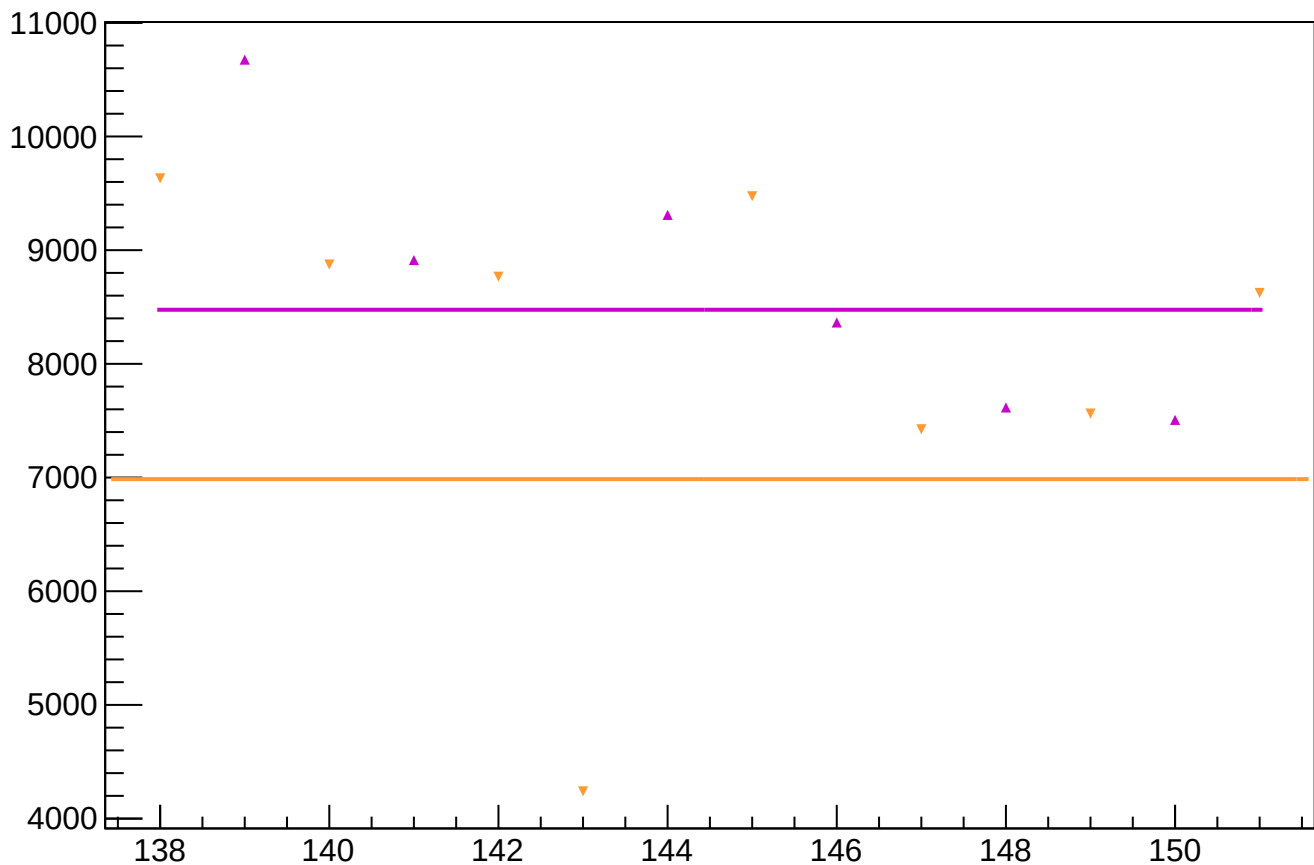
Left In: -889.552+/-3828.671 χ^2/NDF :2.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1993.369+/-2388.964 χ^2/NDF : 9.5/13

- 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: 6986.156+/-2.162 χ^2/NDF : 942607.0/7

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

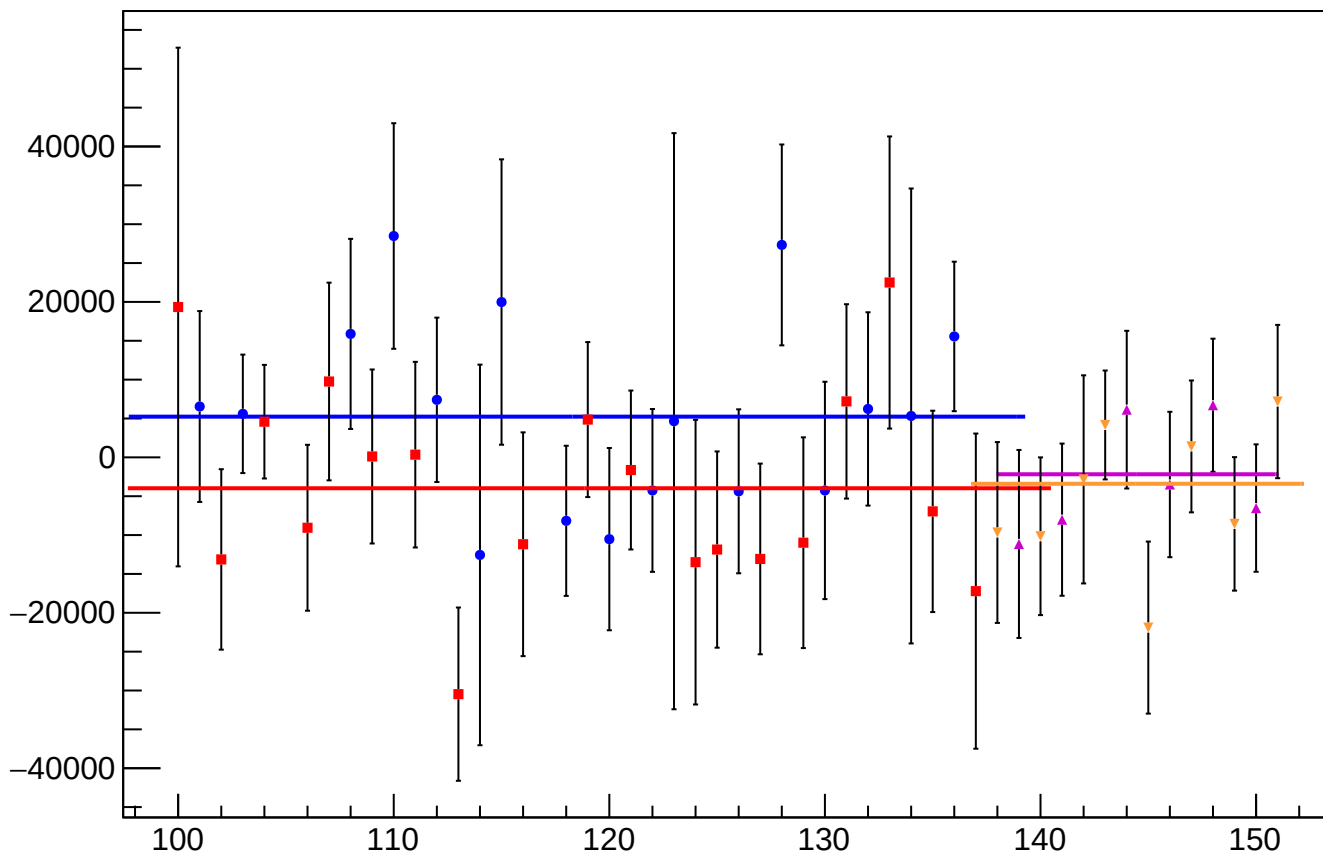
Left In: 8475.820+/-2.707 χ^2/NDF : 134798.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7566.134+/-1.689 χ^2/NDF : 1262295.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: -3399.540 ± 3352.978 χ^2/NDF : 6.5/7

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

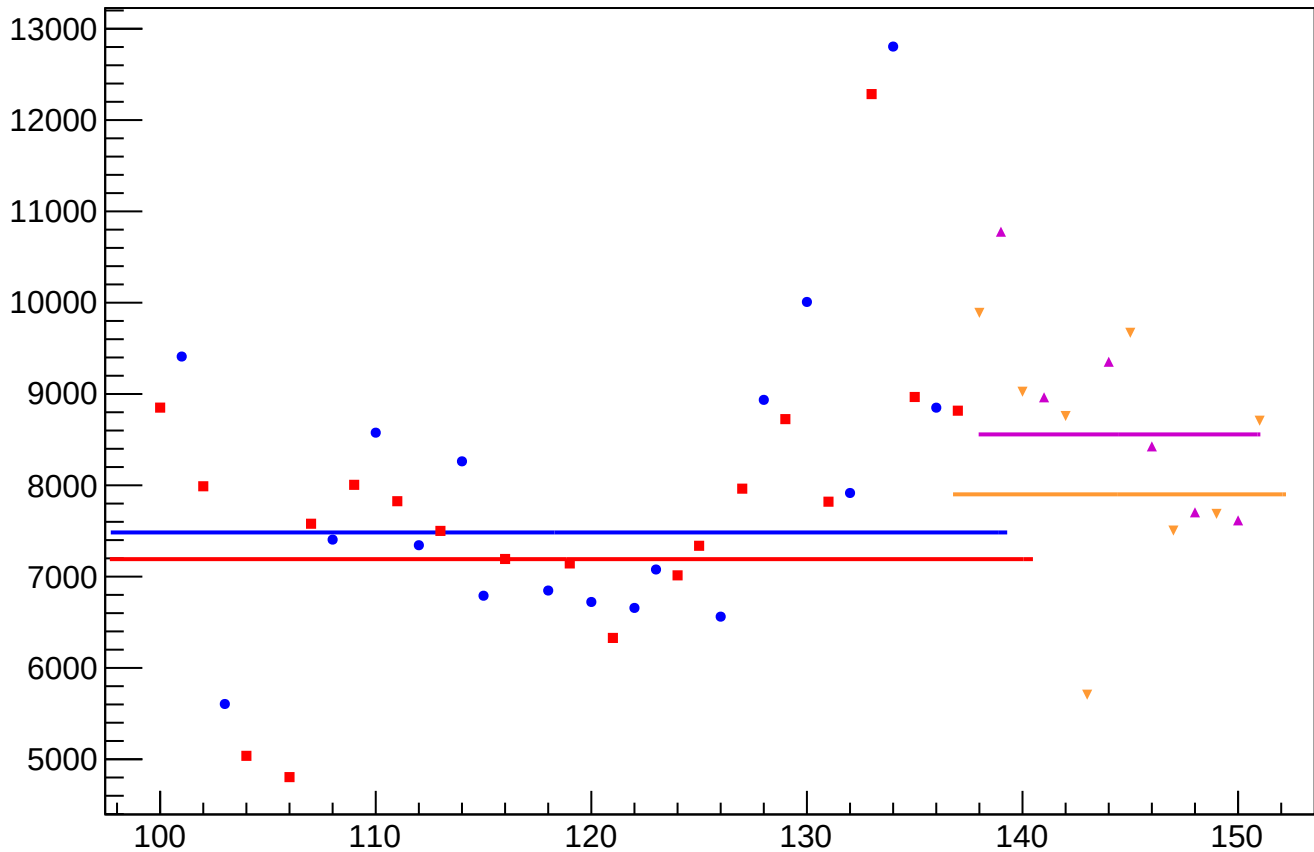
Left In: -2176.127 ± 3865.284 χ^2/NDF : 3.0/5

+ sign 1475.058 ± 2213.183 χ^2/NDF : 24.8/24

All: -888.941 ± 1582.092 χ^2/NDF : 45.8/49

- sign -3359.386 ± 2262.462 χ^2/NDF : 18.7/24

asym_at2_avg_rms vs Slug



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

Left Out: 7901.074+/-2.371 χ^2/NDF : 357346.0/7

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

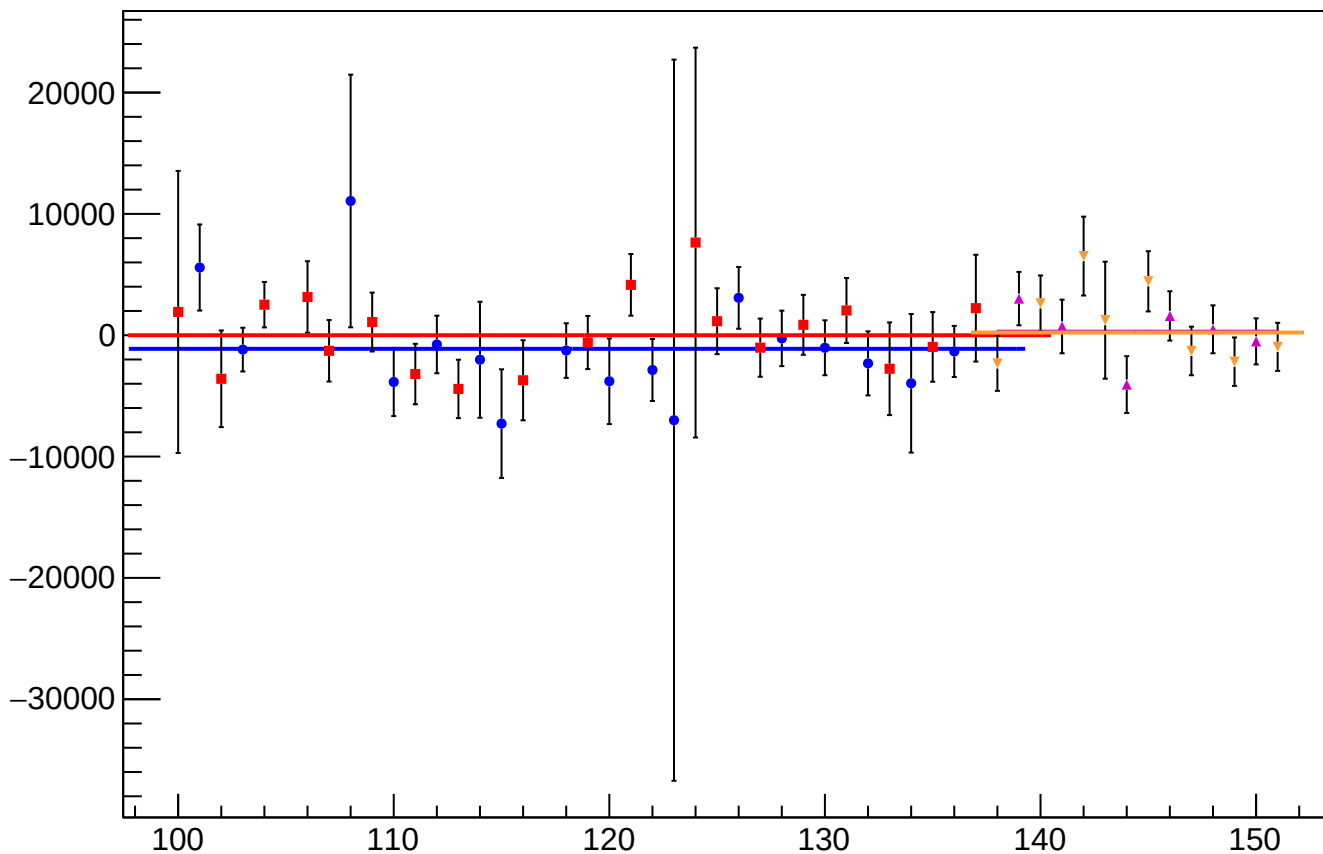
Left In: 8557.491+/-2.733 χ^2/NDF : 129752.2/5

+ sign 7665.587+/-1.565 χ^2/NDF : 806633.4/24

All: 7662.557+/-1.119 χ^2/NDF : 1659377.4/49

- sign 7659.391+/-1.600 χ^2/NDF : 852736.3/24

dit_asym_at2_dd_mean vs Slug



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

Left Out: 223.428 ± 833.567 χ^2/NDF : 11.4/7

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

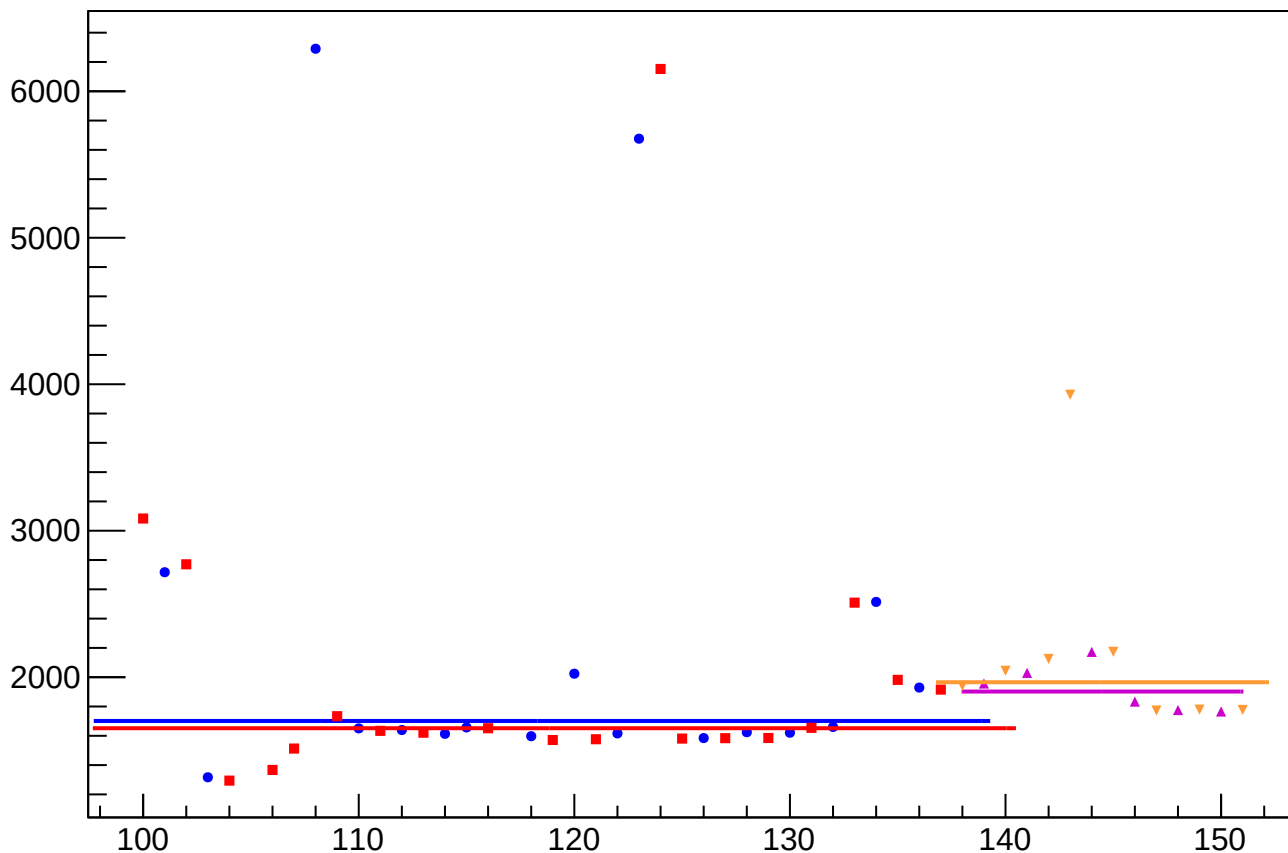
Left In: 293.387 ± 854.667 χ^2/NDF : 5.6/5

+ sign -584.295 ± 526.523 χ^2/NDF : 25.2/24

All: -230.746 ± 367.111 χ^2/NDF : 47.3/49

- sign 103.728 ± 512.122 χ^2/NDF : 21.2/24

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1965.759+/-0.589 χ^2/NDF : 407212.4/7

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

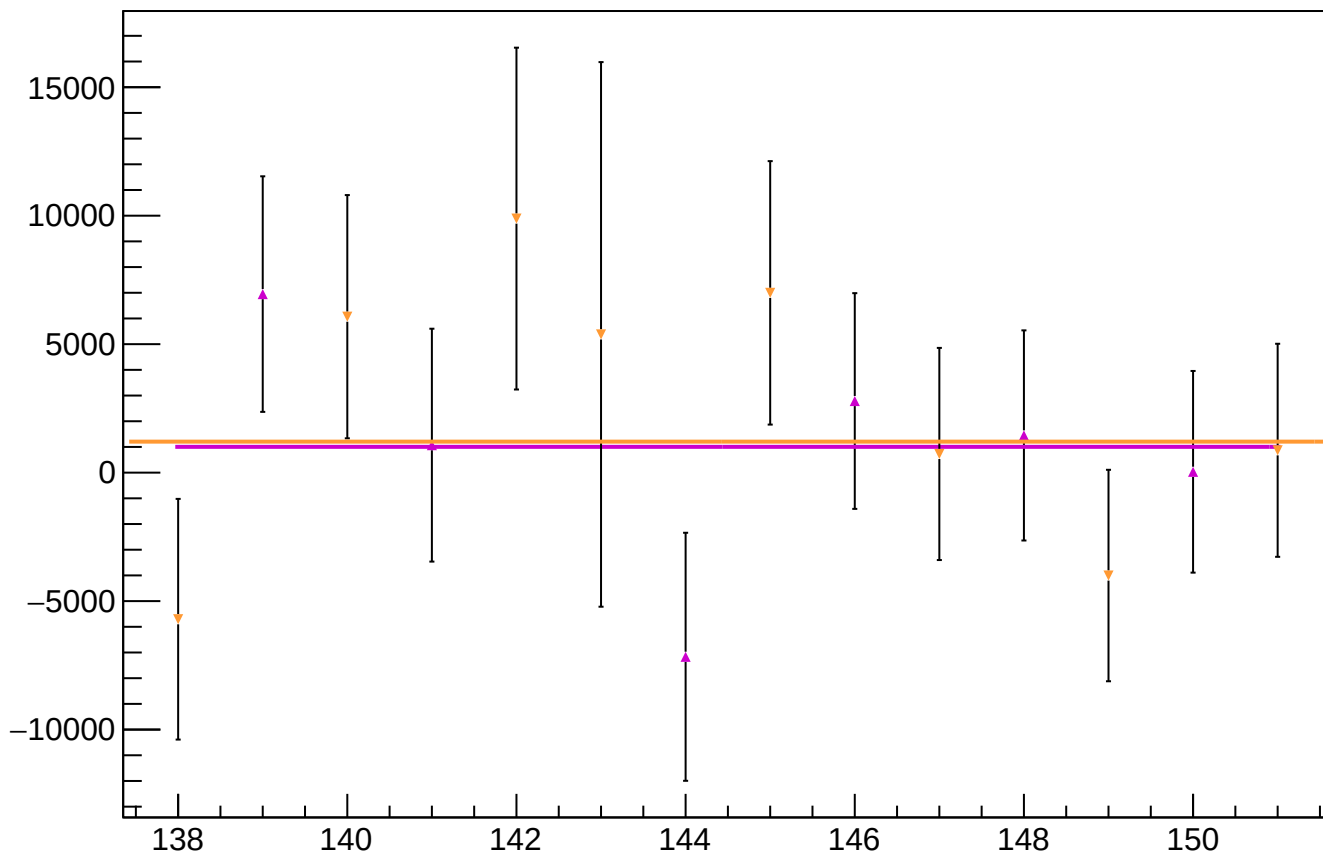
Left In: 1902.101+/-0.604 χ^2/NDF : 55325.5/5

+ sign 1806.804+/-0.372 χ^2/NDF : 1306938.5/24

All: 1773.312+/-0.260 χ^2/NDF : 2076859.5/49

- sign 1741.628+/-0.362 χ^2/NDF : 754173.2/24

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1206.561+/-1725.969 χ^2/NDF : 8.0/7

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

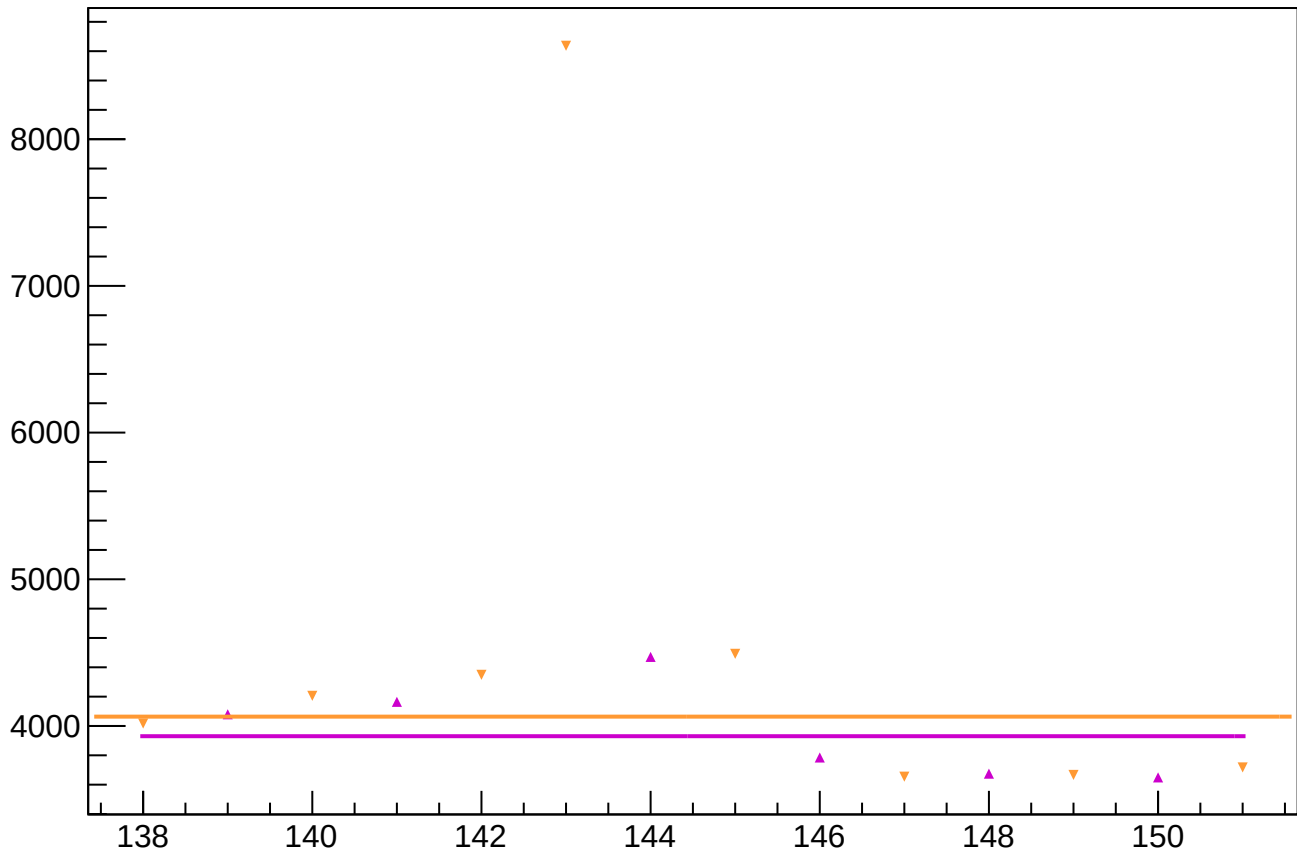
Left In: 1004.013+/-1765.818 χ^2/NDF : 4.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.598+/-1234.292 χ^2/NDF : 12.8/13

- 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: 4063.723+/-1.220 χ^2/NDF : 444281.7/7

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

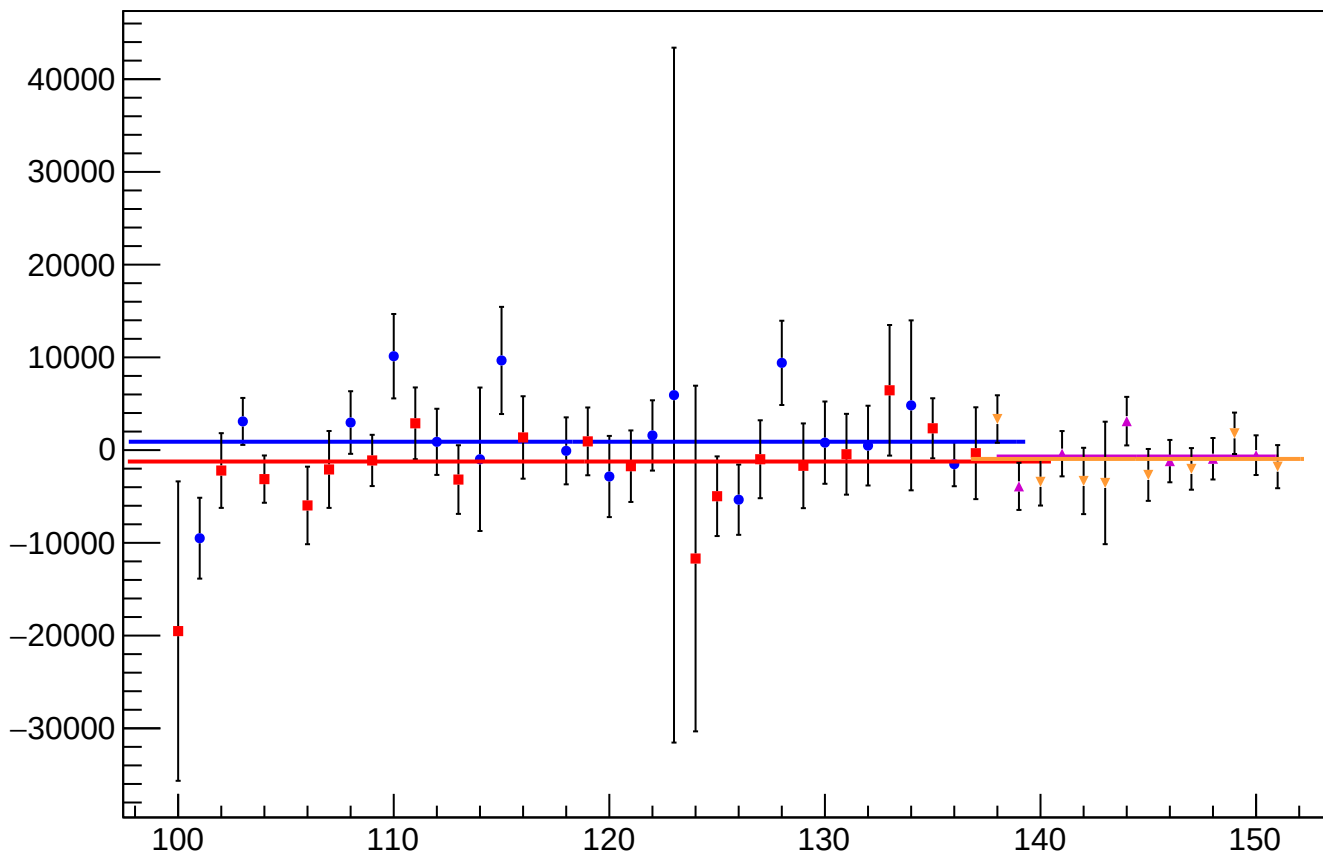
Left In: 3930.329+/-1.249 χ^2/NDF : 52995.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3998.548+/-0.873 χ^2/NDF : 503114.4/13

- 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: -950.838 $\pm$ 945.601 χ^2 /NDF: 6.6/7

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

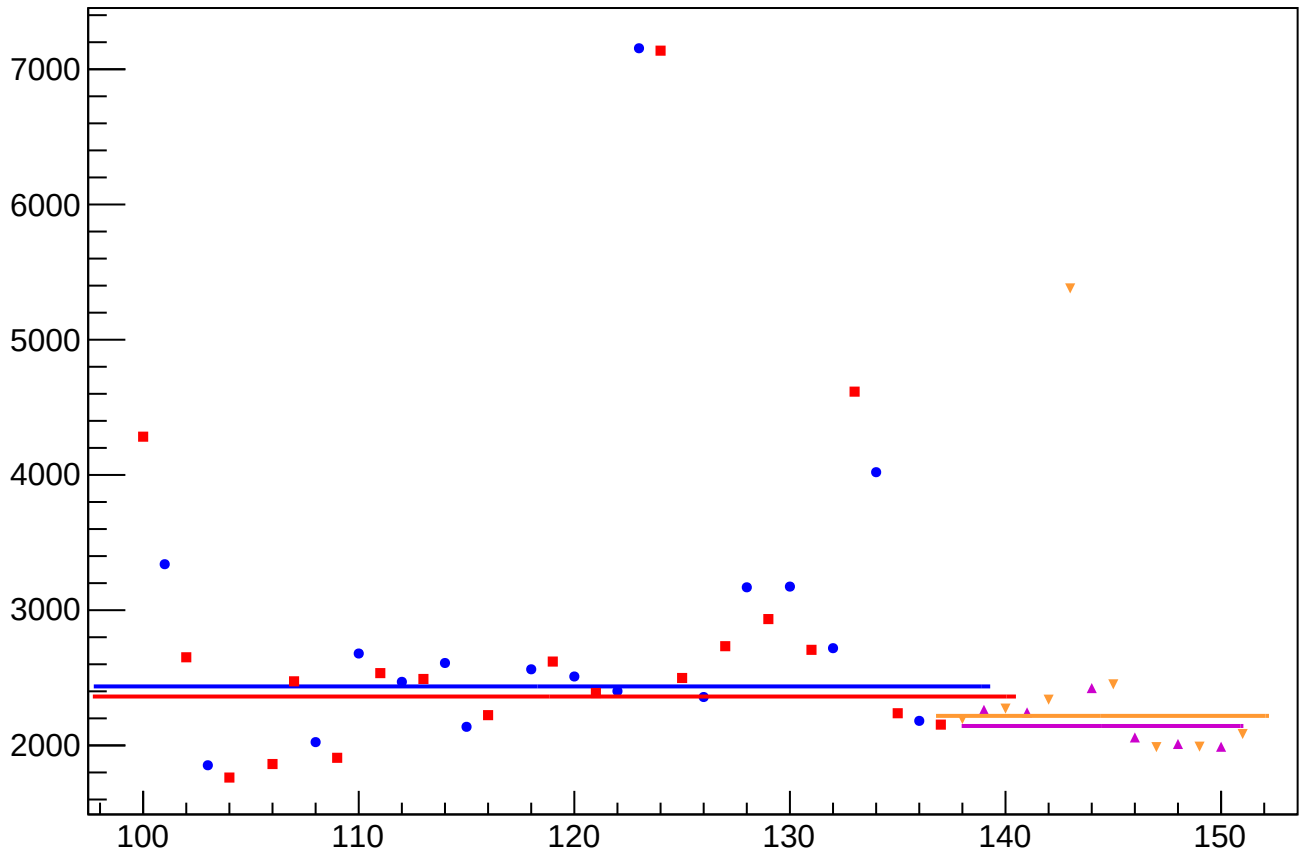
Left In: -691.773 $\pm$ 963.039 χ^2 /NDF: 3.8/5

+ sign -39.641 $\pm$ 674.336 χ^2 /NDF: 30.1/24

All: -510.954 $\pm$ 474.258 χ^2 /NDF: 44.0/49

- sign -972.245 $\pm$ 667.127 χ^2 /NDF: 12.9/24

asym_at2_dd_rms vs Slug



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

Left Out: 2218.408+/-0.669 χ^2/NDF : 524122.0/7

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

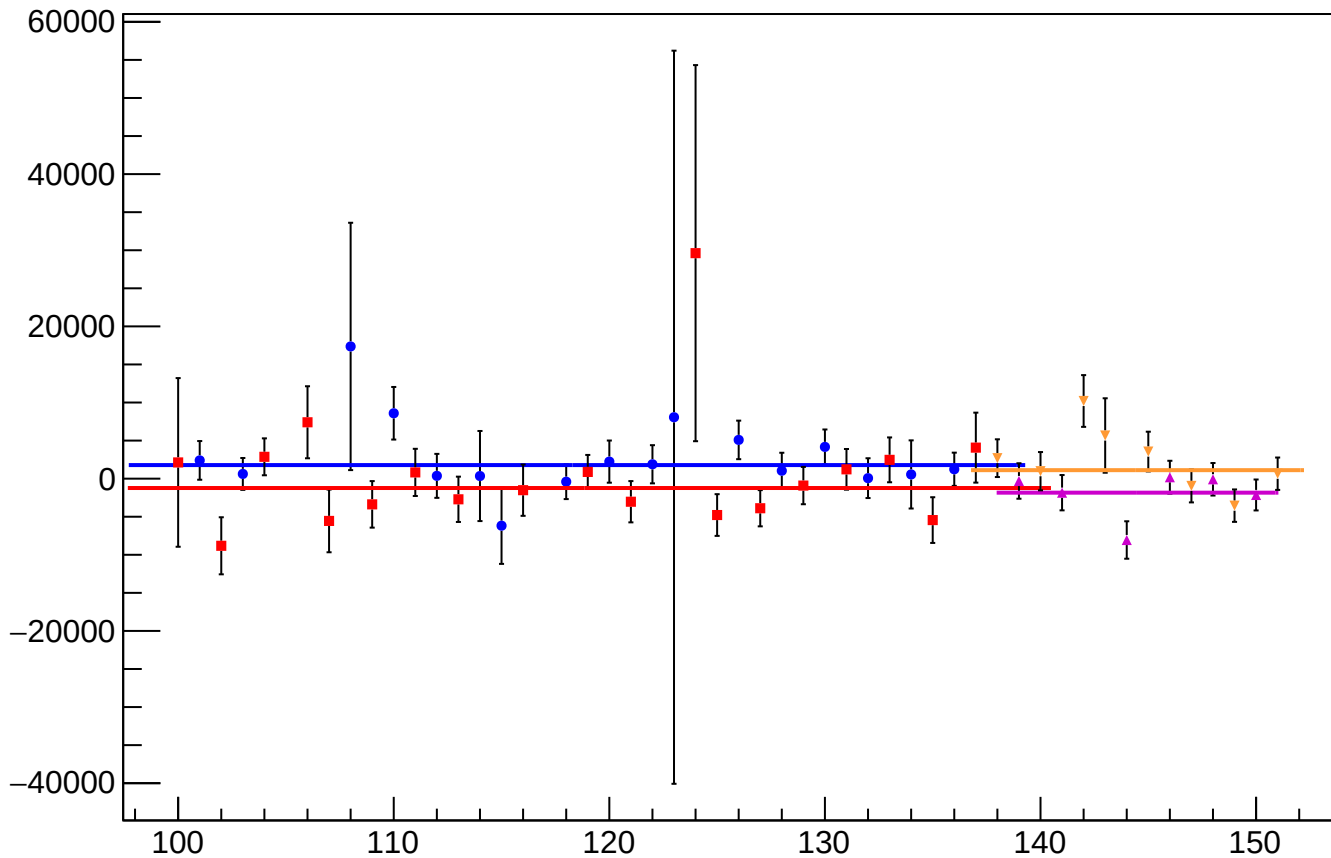
Left In: 2143.705+/-0.681 χ^2/NDF : 50851.3/5

+ sign 2325.469+/-0.477 χ^2/NDF : 1044841.8/24

All: 2290.875+/-0.335 χ^2/NDF : 1815187.2/49

- sign 2257.016+/-0.472 χ^2/NDF : 759930.0/24

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1115.320 $\pm$ 894.015 χ^2 /NDF: 15.0/7

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

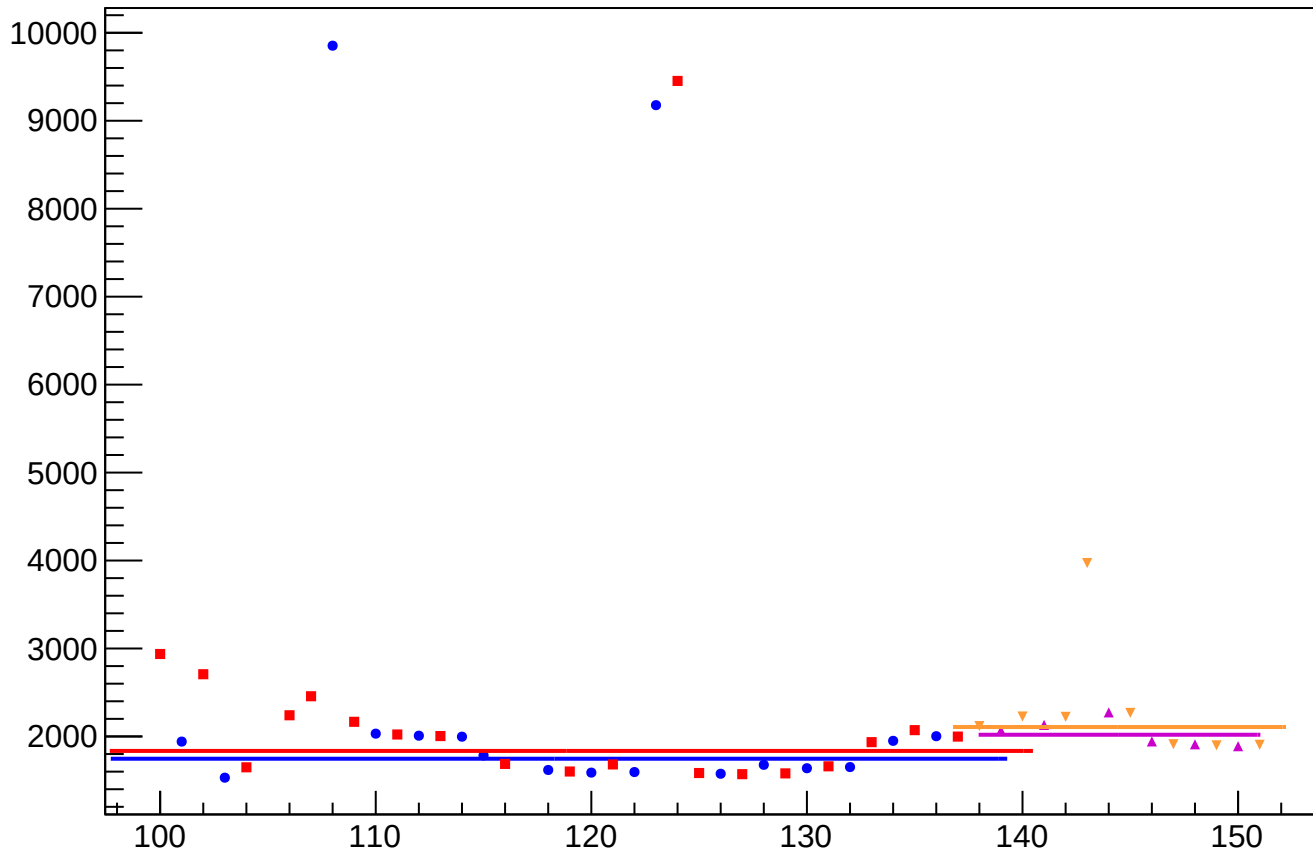
Left In: -1840.419 $\pm$ 908.795 χ^2 /NDF: 8.4/5

+ sign 1532.076 $\pm$ 548.409 χ^2 /NDF: 27.8/24

All: 63.462 $\pm$ 391.332 χ^2 /NDF: 75.3/49

- sign -1460.170 $\pm$ 558.587 χ^2 /NDF: 32.9/24

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2107.264 $\pm$ 0.632 χ^2 /NDF: 358720.7/7

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

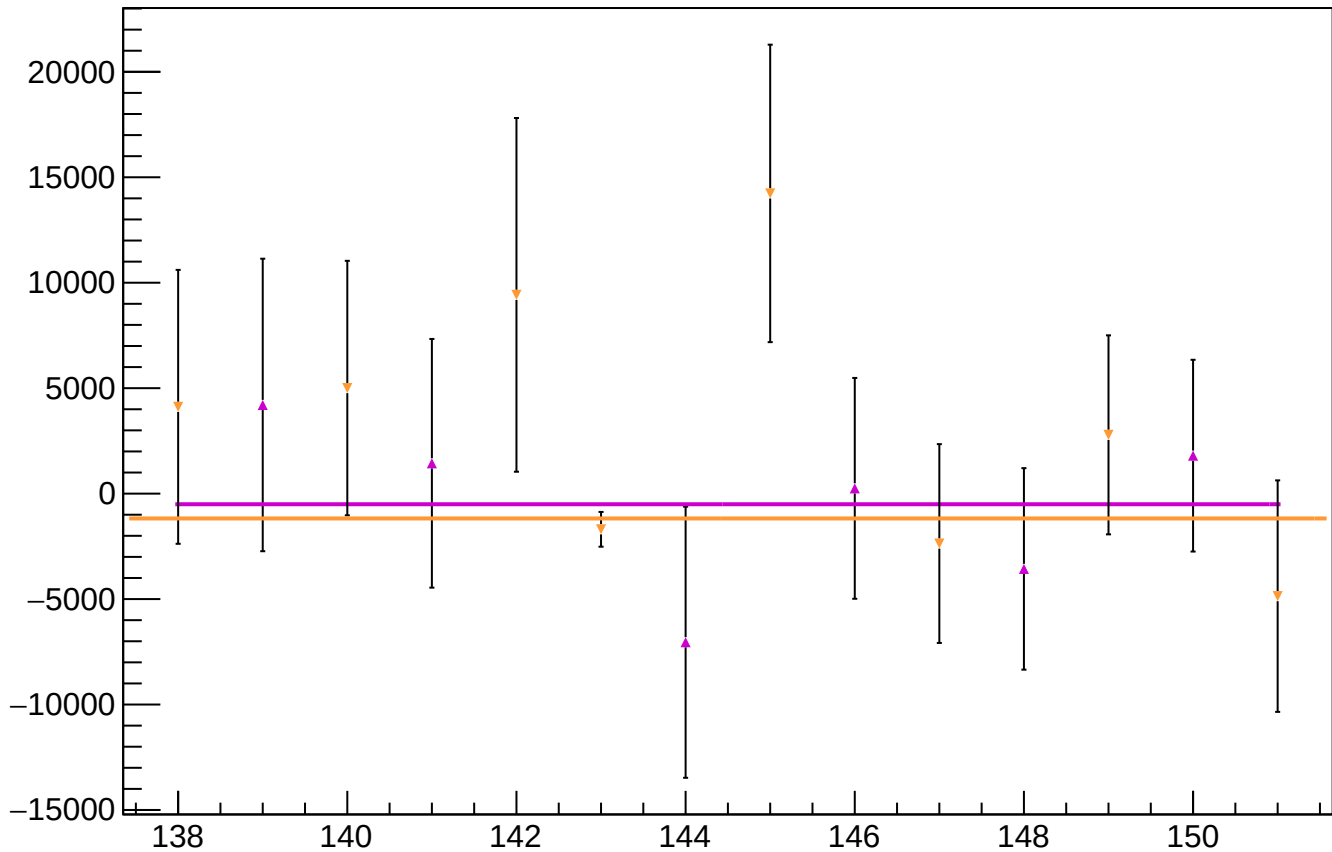
Left In: 2019.360 $\pm$ 0.643 χ^2 /NDF: 42709.6/5

+ sign 1882.460 $\pm$ 0.388 χ^2 /NDF: 1243955.6/24

All: 1893.434 $\pm$ 0.277 χ^2 /NDF: 1889727.0/49

- sign 1904.803 $\pm$ 0.395 χ^2 /NDF: 644140.9/24

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1177.279+/-771.440 χ^2/NDF : 9.7/7

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

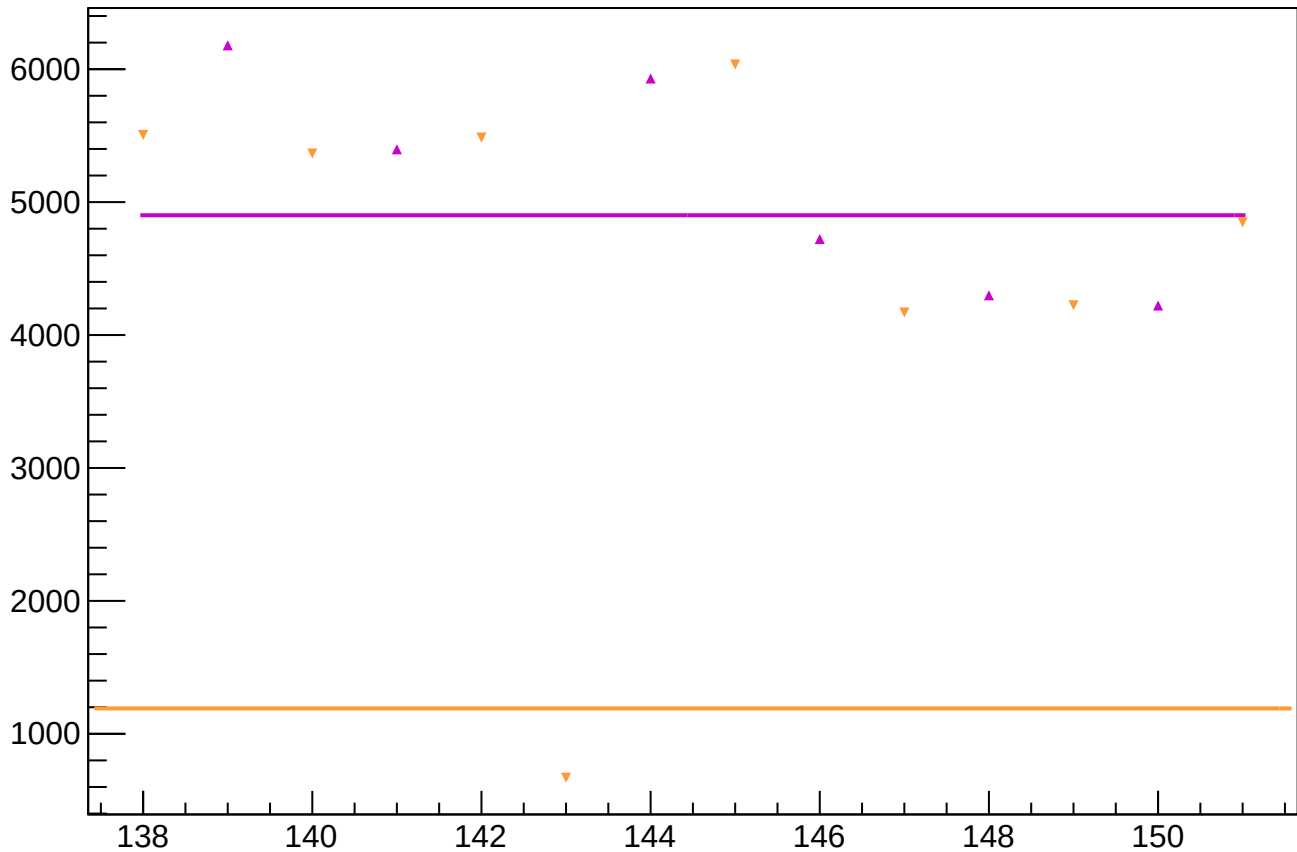
Left In: -503.418+/-2222.464 χ^2/NDF : 2.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1104.819+/-728.784 χ^2/NDF : 12.1/13

- 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: 1191.002+/-0.545 χ^2/NDF : 6620984.0/7

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

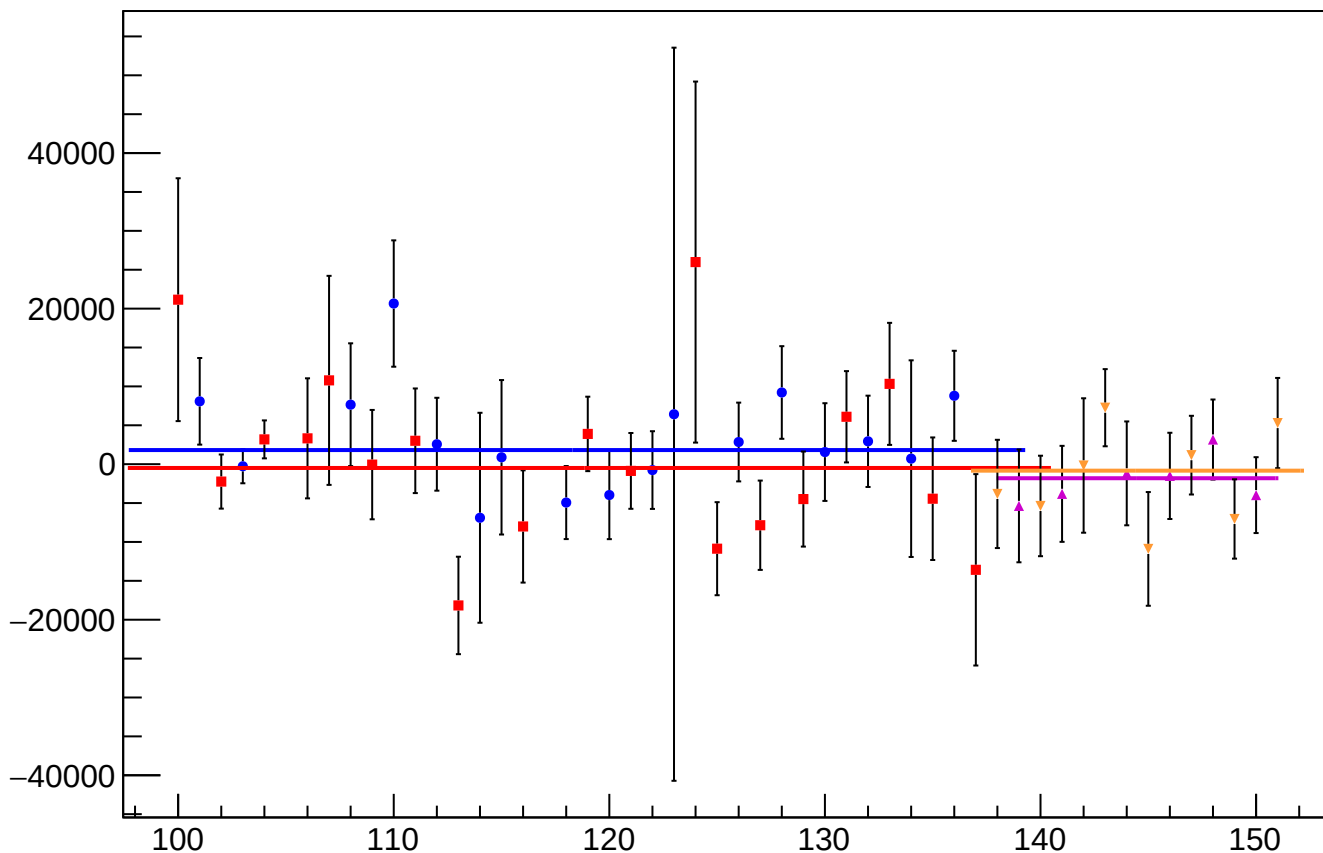
Left In: 4901.272+/-1.572 χ^2/NDF : 212096.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.966+/-0.515 χ^2/NDF : 11807761.9/1

- 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: -834.688+/-2110.173 χ^2/NDF : 8.0/7

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

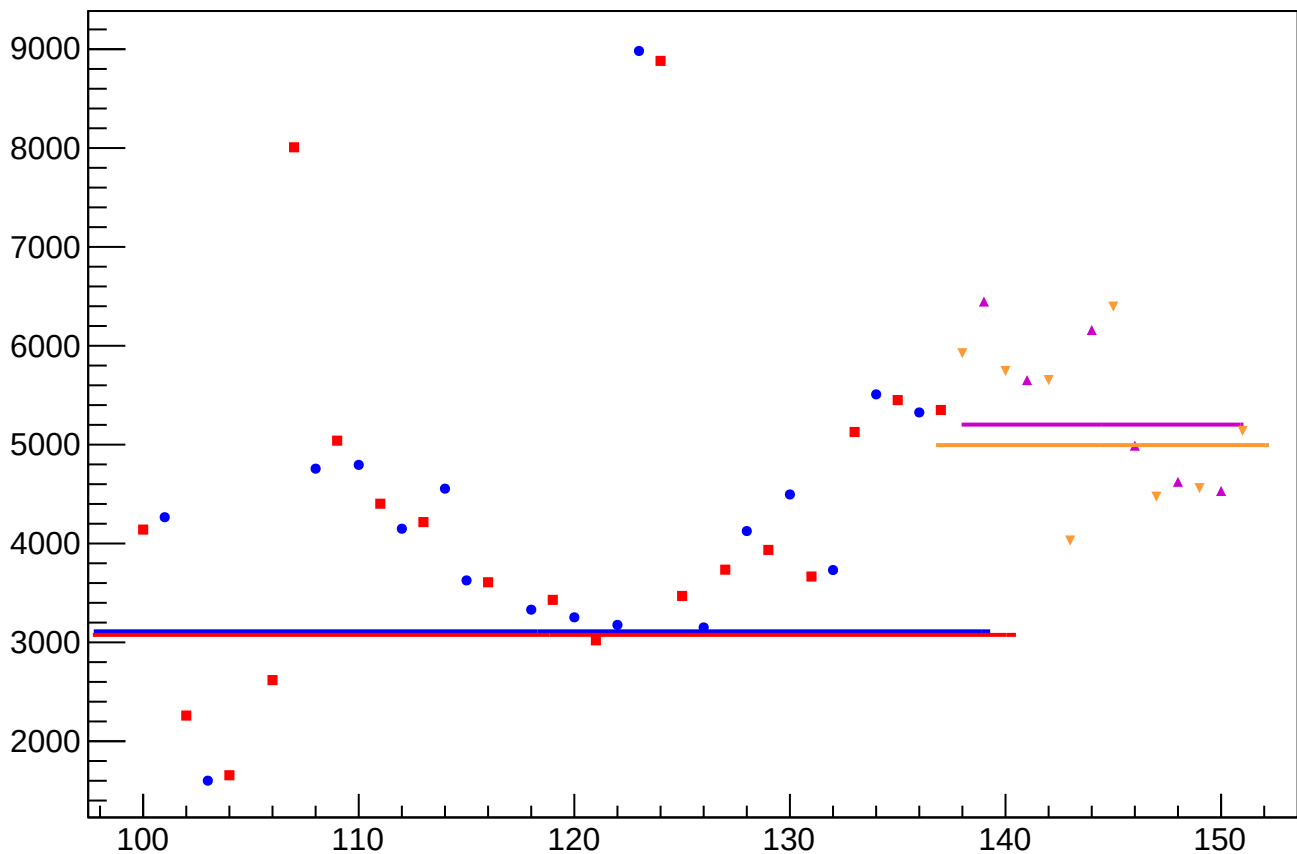
Left In: -1807.887+/-2356.725 χ^2/NDF : 1.5/5

+ sign 1084.427+/-1107.630 χ^2/NDF : 24.1/24

All: 164.496+/-790.632 χ^2/NDF : 53.8/49

- sign -791.139+/-1128.920 χ^2/NDF : 28.2/24

asym_atl_avg_rms vs Slug



Right In: 3111.560 $\pm$ 0.920 χ^2 /NDF: 1878991.5/16

Left Out: 4995.640 $\pm$ 1.492 χ^2 /NDF: 260427.6/7

Right Out: 3075.800 $\pm$ 0.896 χ^2 /NDF: 2009557.4/18

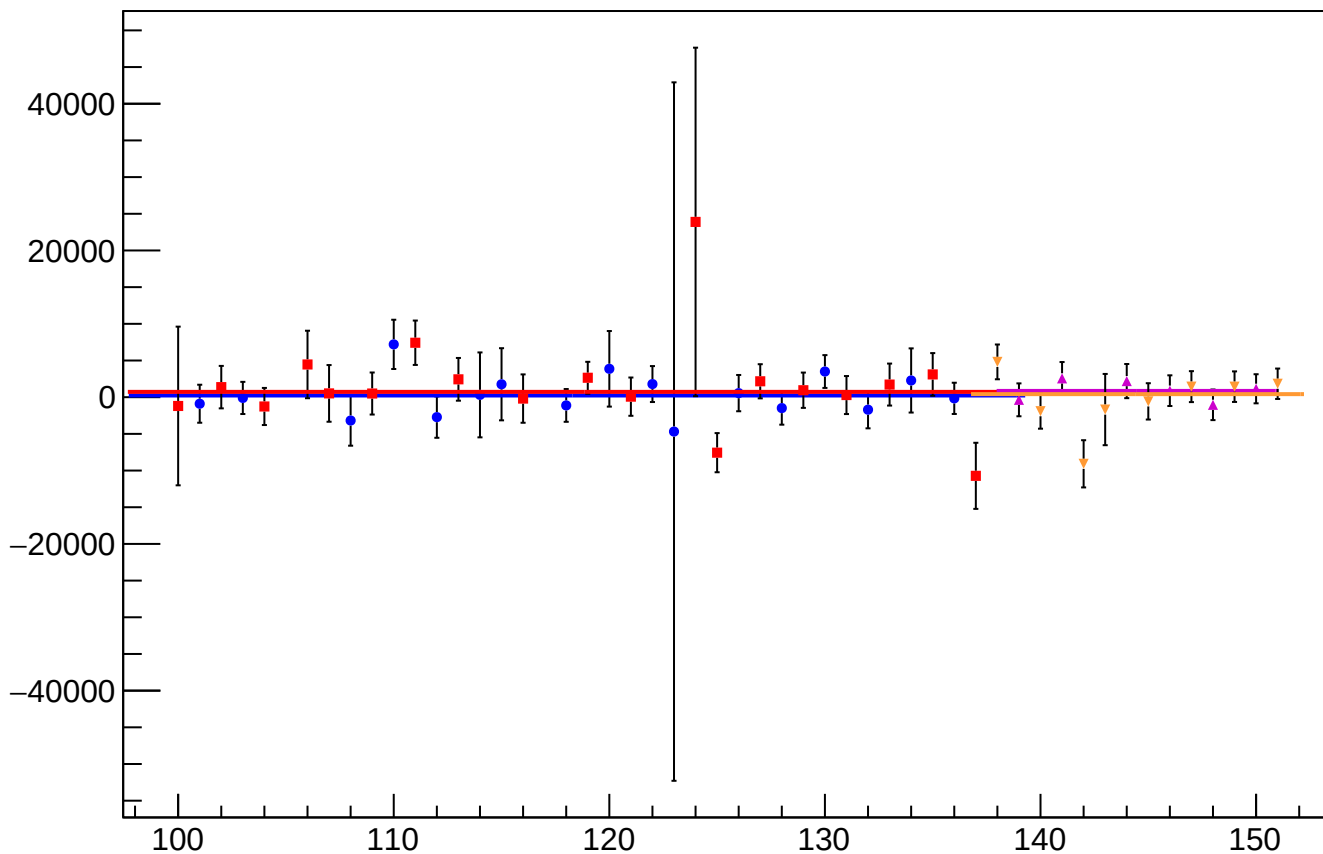
Left In: 5202.638 $\pm$ 1.666 χ^2 /NDF: 176794.6/5

+ sign 3630.658 $\pm$ 0.783 χ^2 /NDF: 3294521.1/24

All: 3592.105 $\pm$ 0.556 χ^2 /NDF: 6749181.2/49

- sign 3552.947 $\pm$ 0.789 χ^2 /NDF: 3449776.0/24

dit_asym_atl_dd_mean vs Slug



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

Left Out: 416.201+/-862.662 χ^2/NDF : 14.4/7

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

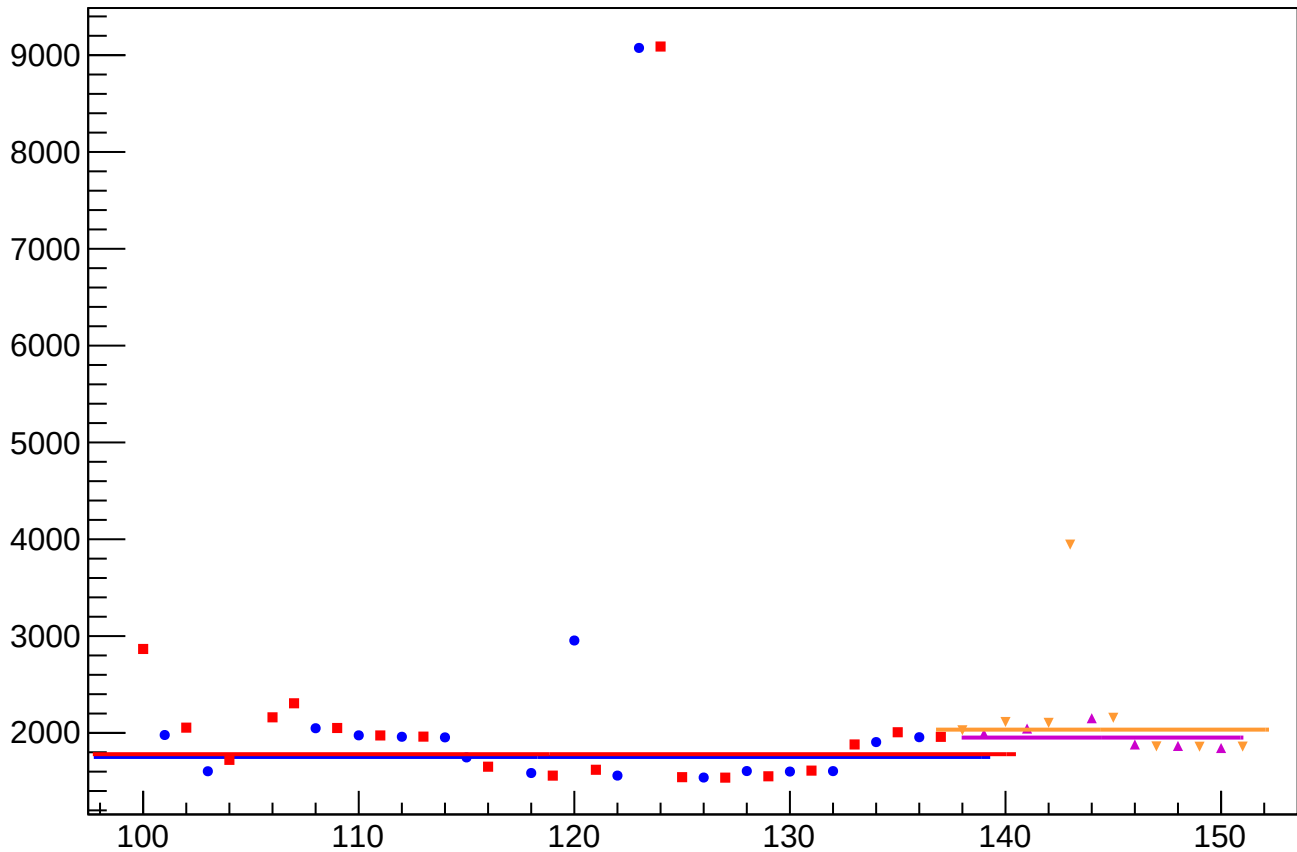
Left In: 853.906+/-877.638 χ^2/NDF : 2.1/5

+ sign 303.656+/-537.304 χ^2/NDF : 26.0/24

All: 538.056+/-380.736 χ^2/NDF : 54.2/49

- sign 774.454+/-539.588 χ^2/NDF : 27.9/24

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2033.885+/-0.610 χ^2/NDF : 359827.8/7

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

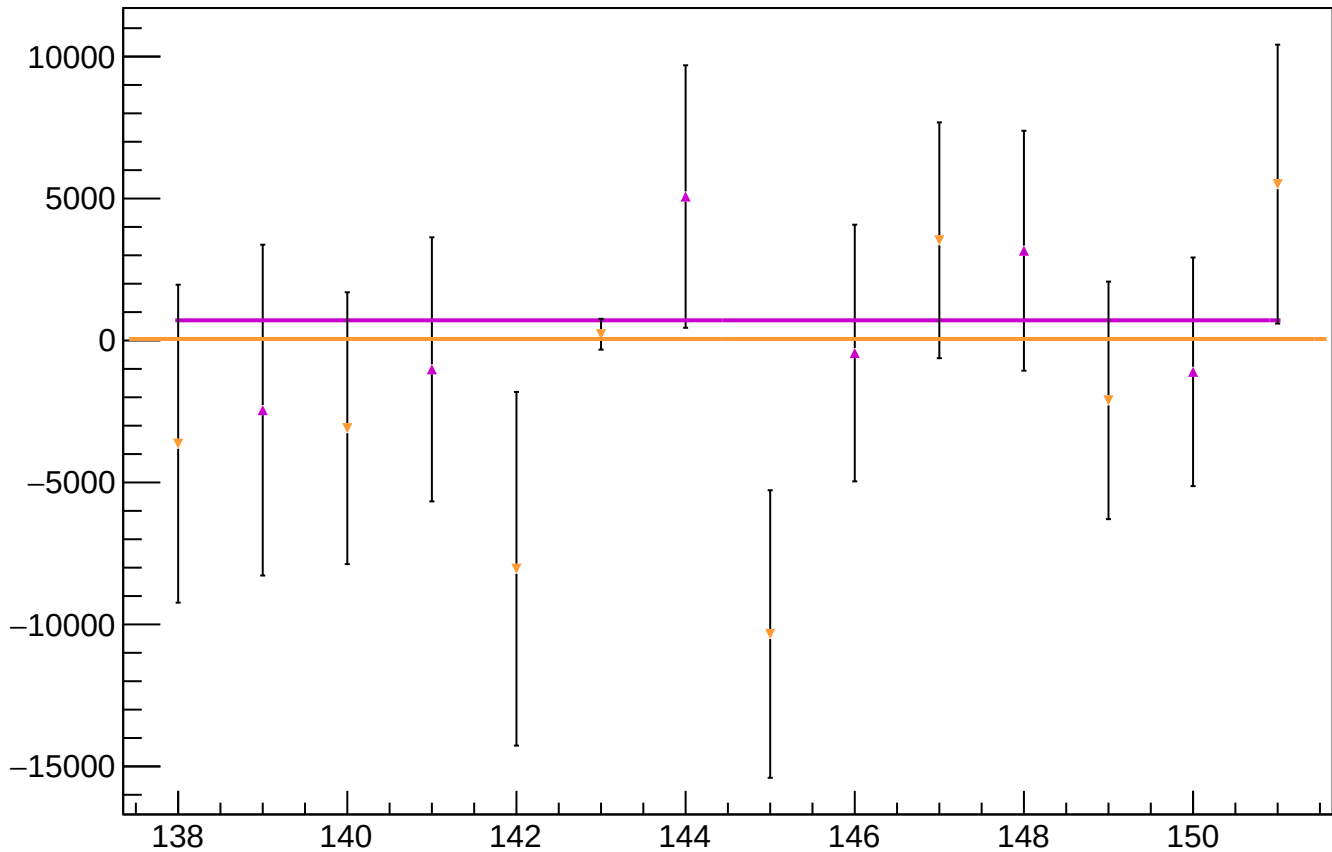
Left In: 1951.749+/-0.621 χ^2/NDF : 30482.7/5

+ sign 1861.261+/-0.380 χ^2/NDF : 791569.1/24

All: 1853.119+/-0.269 χ^2/NDF : 1298882.6/49

- sign 1844.923+/-0.381 χ^2/NDF : 506391.9/24

asym_atl_dd_correction_mean vs Slug



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

Left Out: 53.945+/-520.619 χ^2/NDF : 9.1/7

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

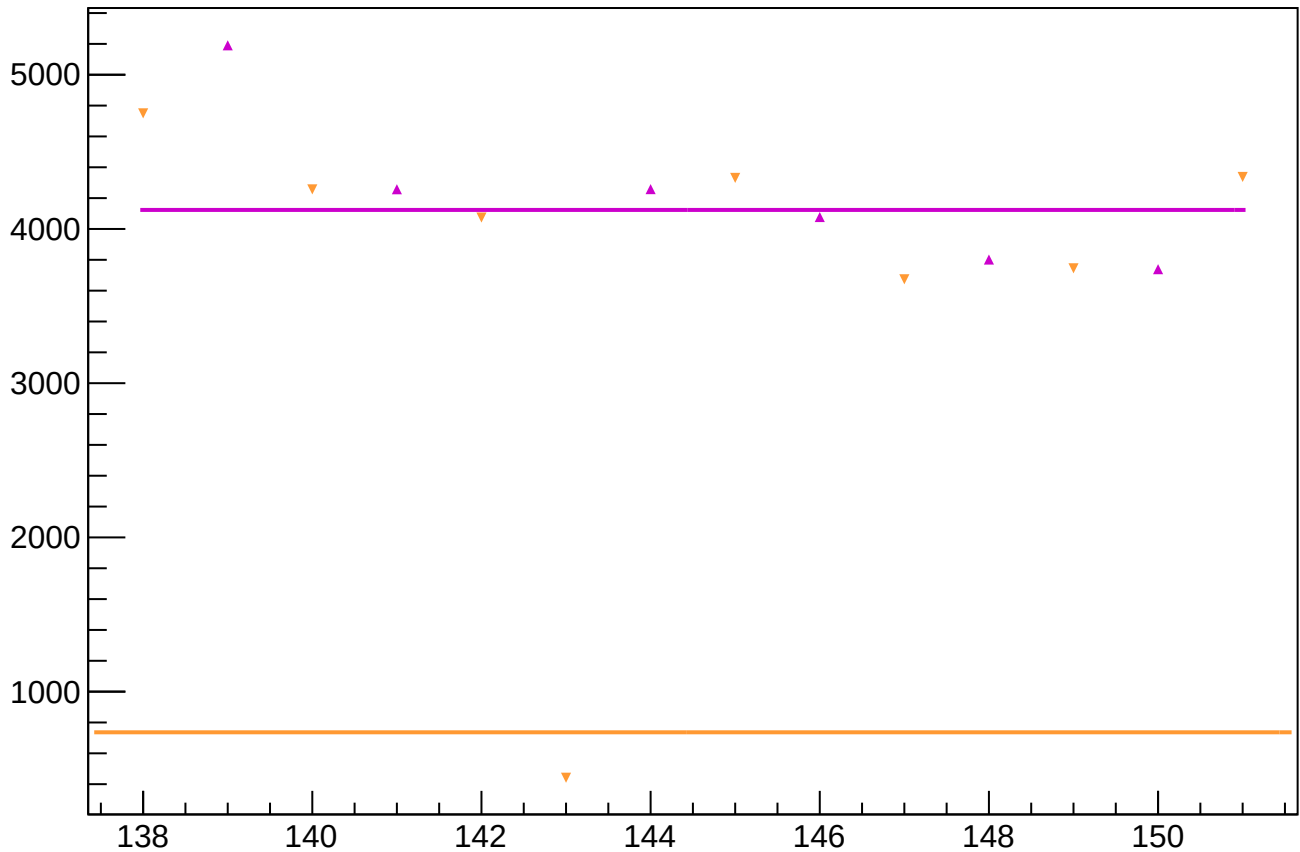
Left In: 711.372+/-1859.493 χ^2/NDF : 1.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.733+/-501.340 χ^2/NDF : 11.1/13

- 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: 736.320+/-0.368 χ^2/NDF : 7391248.0/7

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

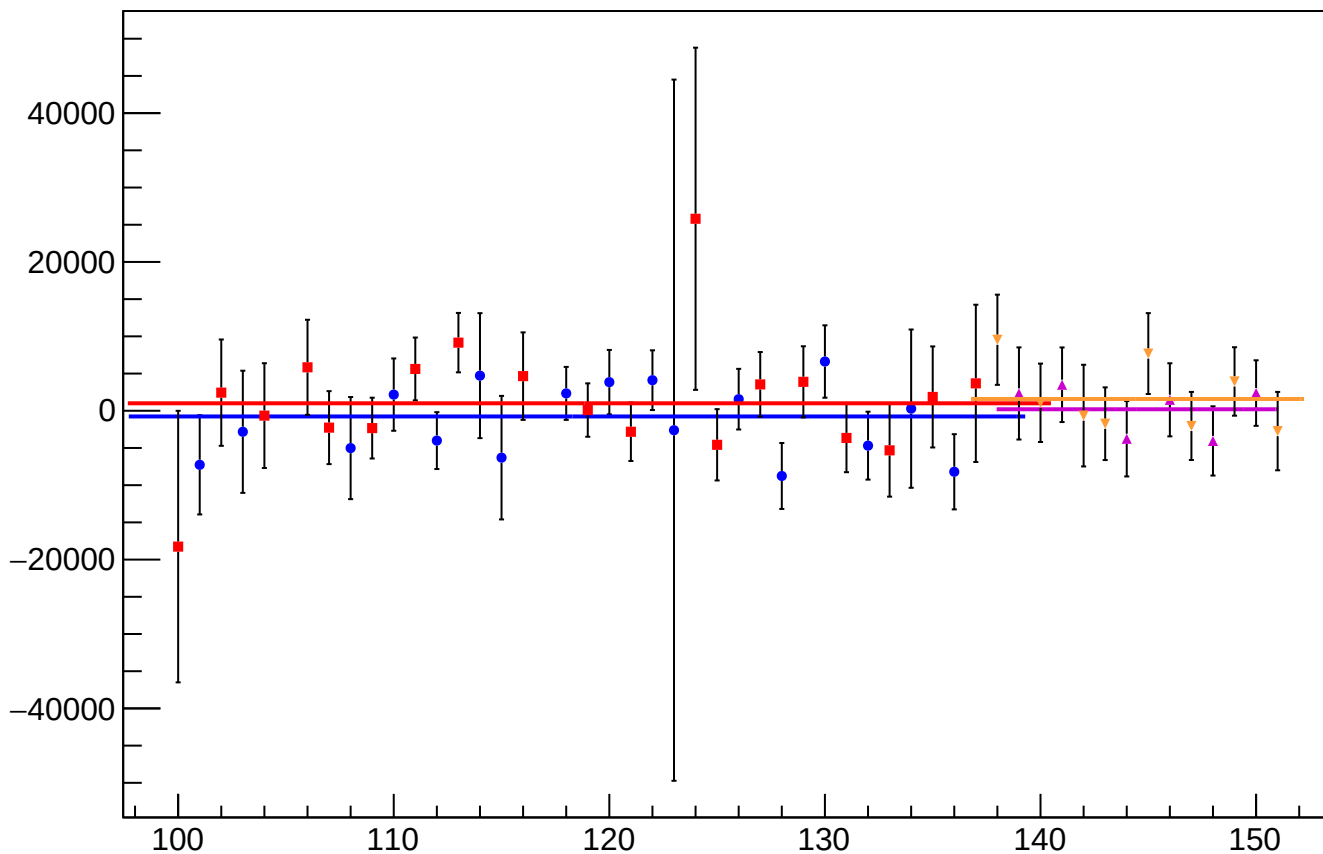
Left In: 4123.446+/-1.315 χ^2/NDF : 100523.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.530+/-0.355 χ^2/NDF : 13645359.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



Right In: -765.107 ± 1247.704 $\chi^2/\text{NDF}: 15.5/16$

Left Out: 1584.953 ± 1852.076 $\chi^2/\text{NDF}: 5.1/7$

Right Out: 1004.792 ± 1191.116 $\chi^2/\text{NDF}: 15.0/18$

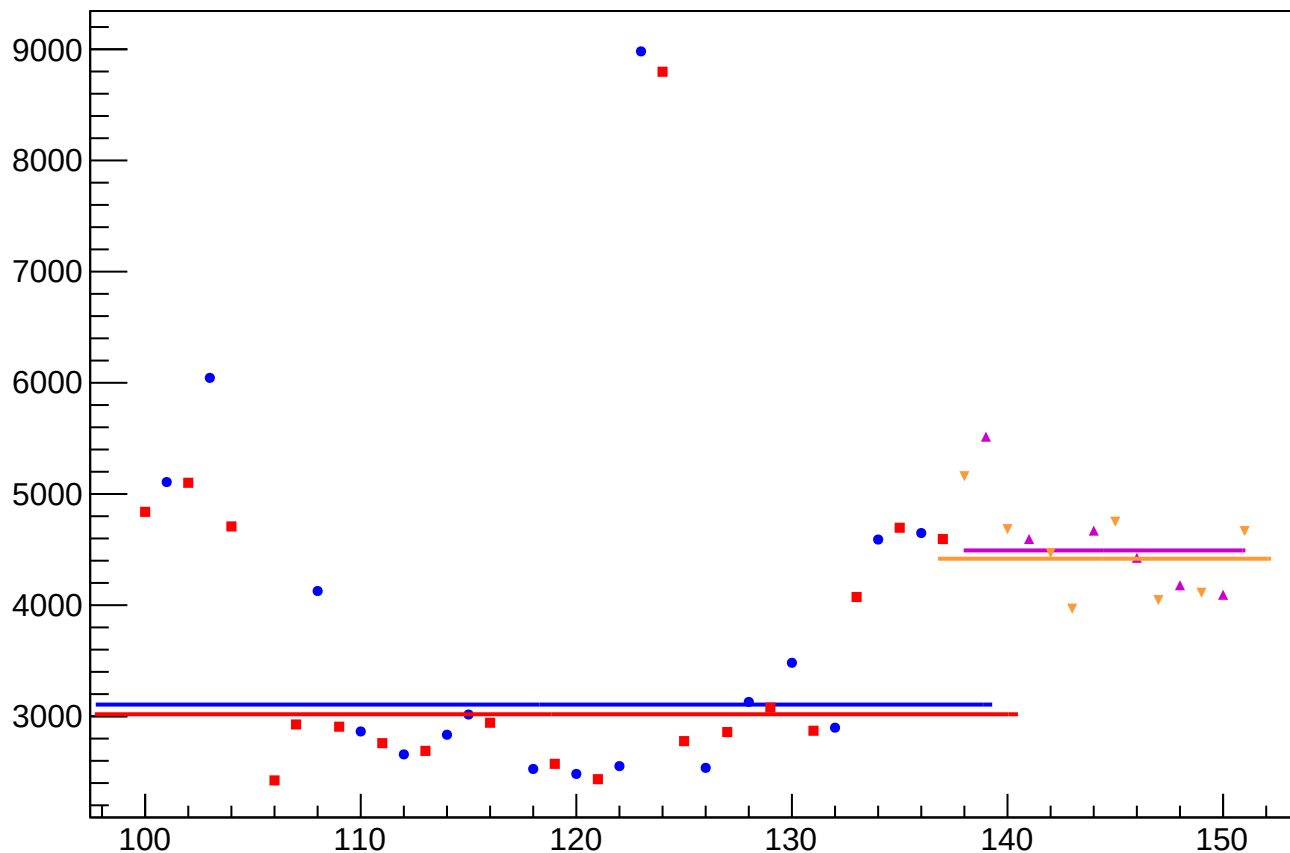
Left In: 201.434 ± 2024.246 $\chi^2/\text{NDF}: 2.3/5$

+ sign -31.494 ± 1034.791 $\chi^2/\text{NDF}: 21.8/24$

All: 386.645 ± 728.787 $\chi^2/\text{NDF}: 39.5/49$

- sign 798.174 ± 1026.579 $\chi^2/\text{NDF}: 17.4/24$

asym_atl_dd_rms vs Slug



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

Left Out: 4417.854+/-1.310 χ^2/NDF : 86179.0/7

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

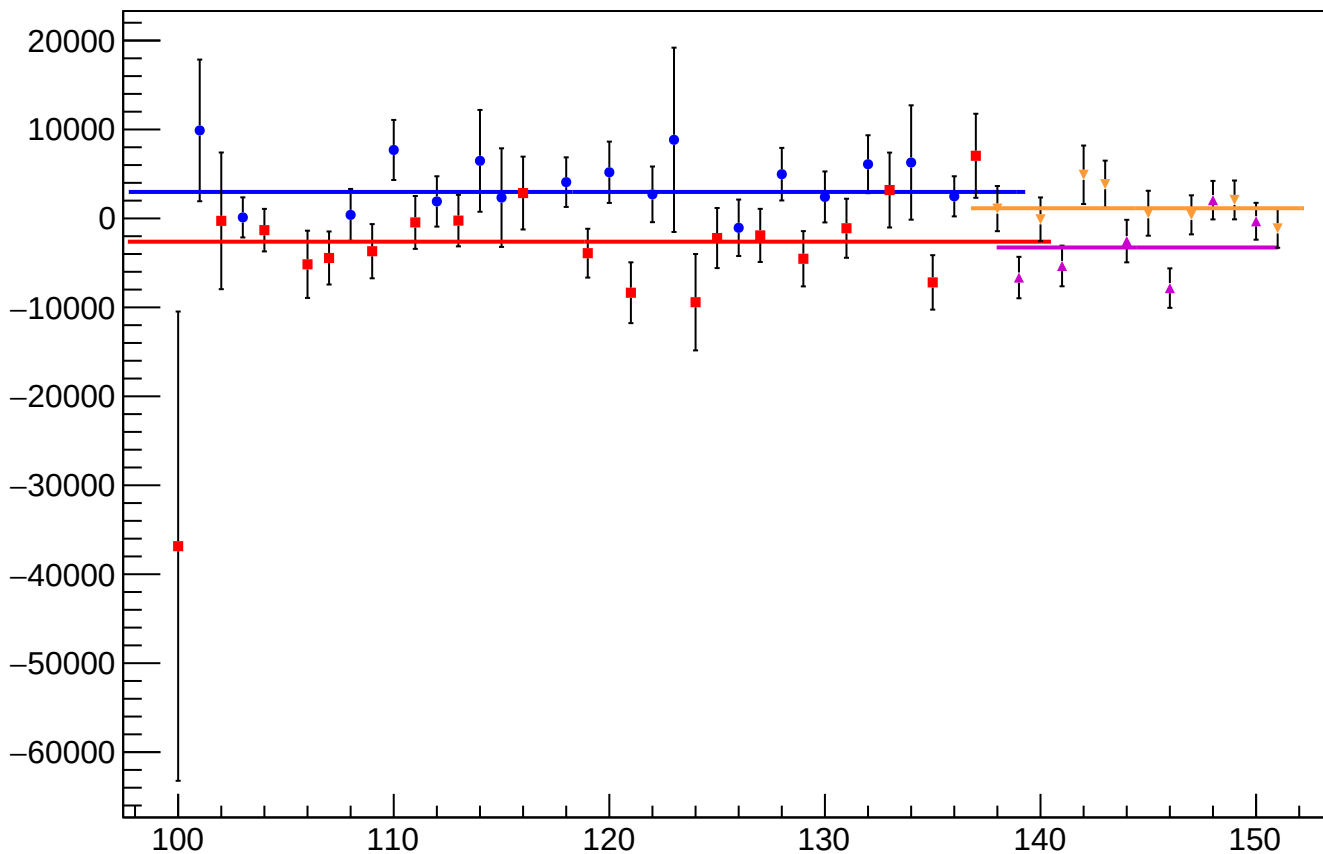
Left In: 4492.437+/-1.431 χ^2/NDF : 83752.0/5

+ sign 3515.412+/-0.732 χ^2/NDF : 1736351.9/24

All: 3452.018+/-0.513 χ^2/NDF : 3421538.6/49

- sign 3390.781+/-0.719 χ^2/NDF : 1670429.5/24

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1143.635 $\pm$ 863.593 χ^2 /NDF: 4.0/7

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

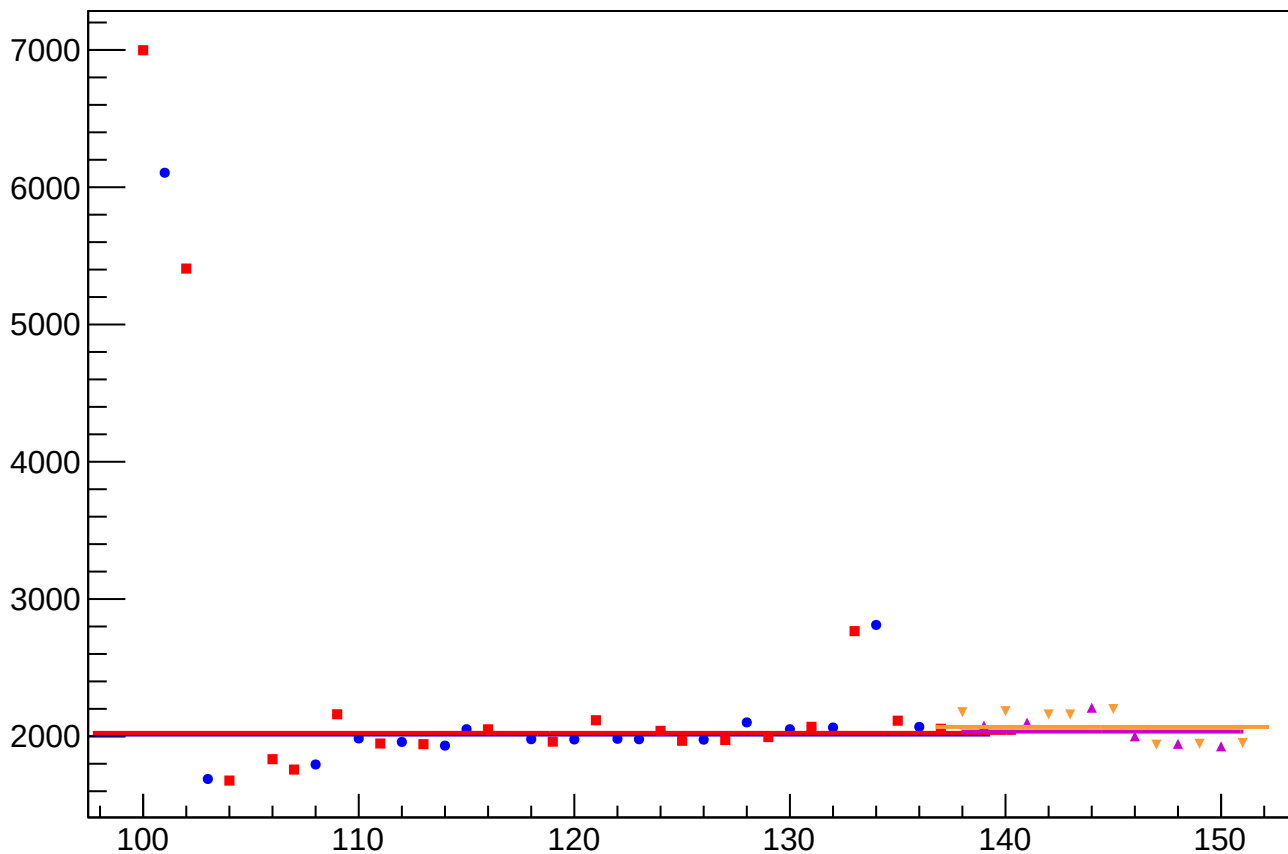
Left In: -3266.352 $\pm$ 912.685 χ^2 /NDF: 15.3/5

+ sign 2136.335 $\pm$ 585.057 χ^2 /NDF: 16.3/24

All: -337.428 $\pm$ 416.952 χ^2 /NDF: 87.9/49

- sign -2890.599 $\pm$ 594.373 χ^2 /NDF: 35.2/24

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2068.310+/-0.611 χ^2/NDF : 36175.6/7

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

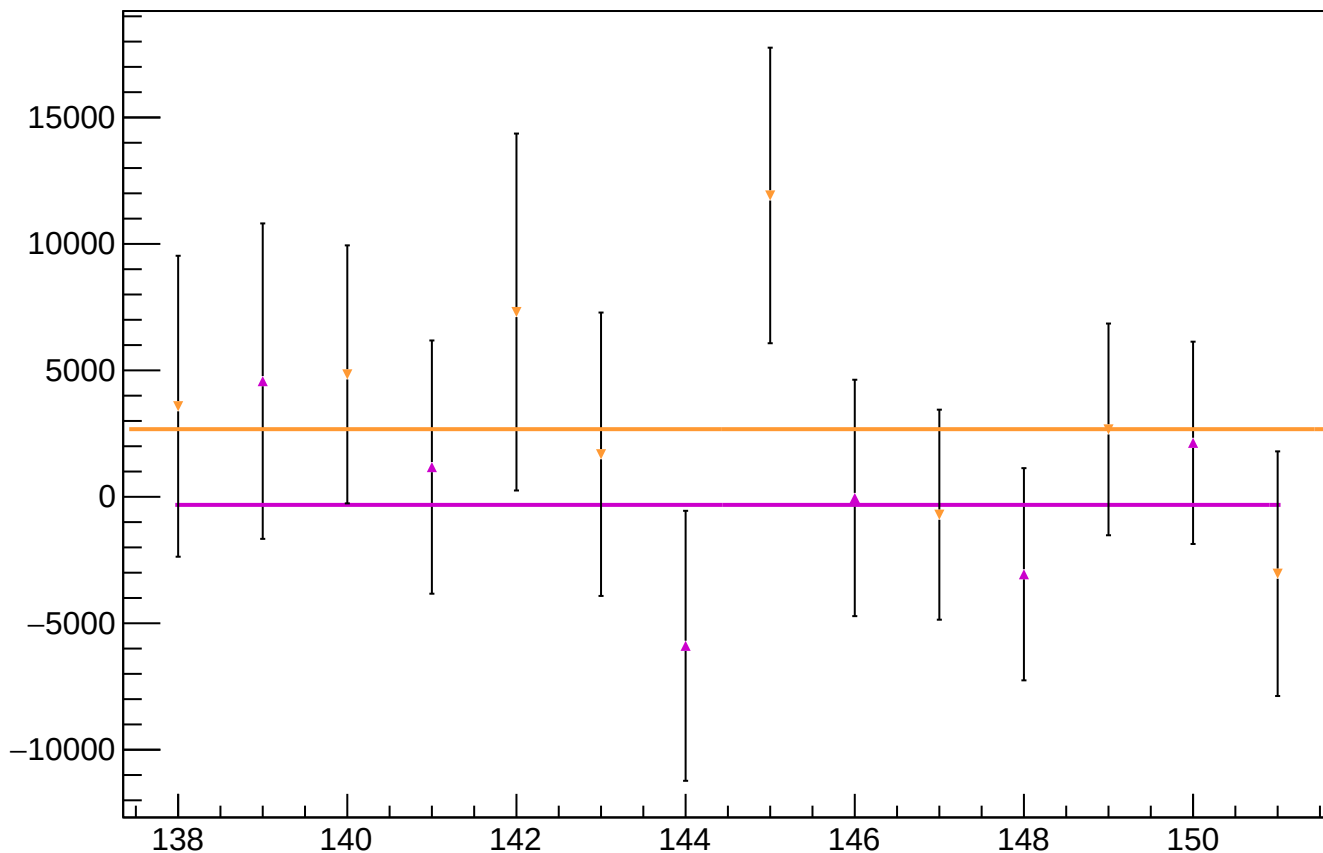
Left In: 2034.370+/-0.645 χ^2/NDF : 22153.1/5

+ sign 2038.356+/-0.414 χ^2/NDF : 658330.5/24

All: 2033.757+/-0.295 χ^2/NDF : 1278276.8/49

- sign 2029.013+/-0.420 χ^2/NDF : 619695.3/24

asym_atr_avg_correction_mean vs Slug



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

Left Out: 2675.285+/-1808.598 χ^2/NDF : 5.2/7

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

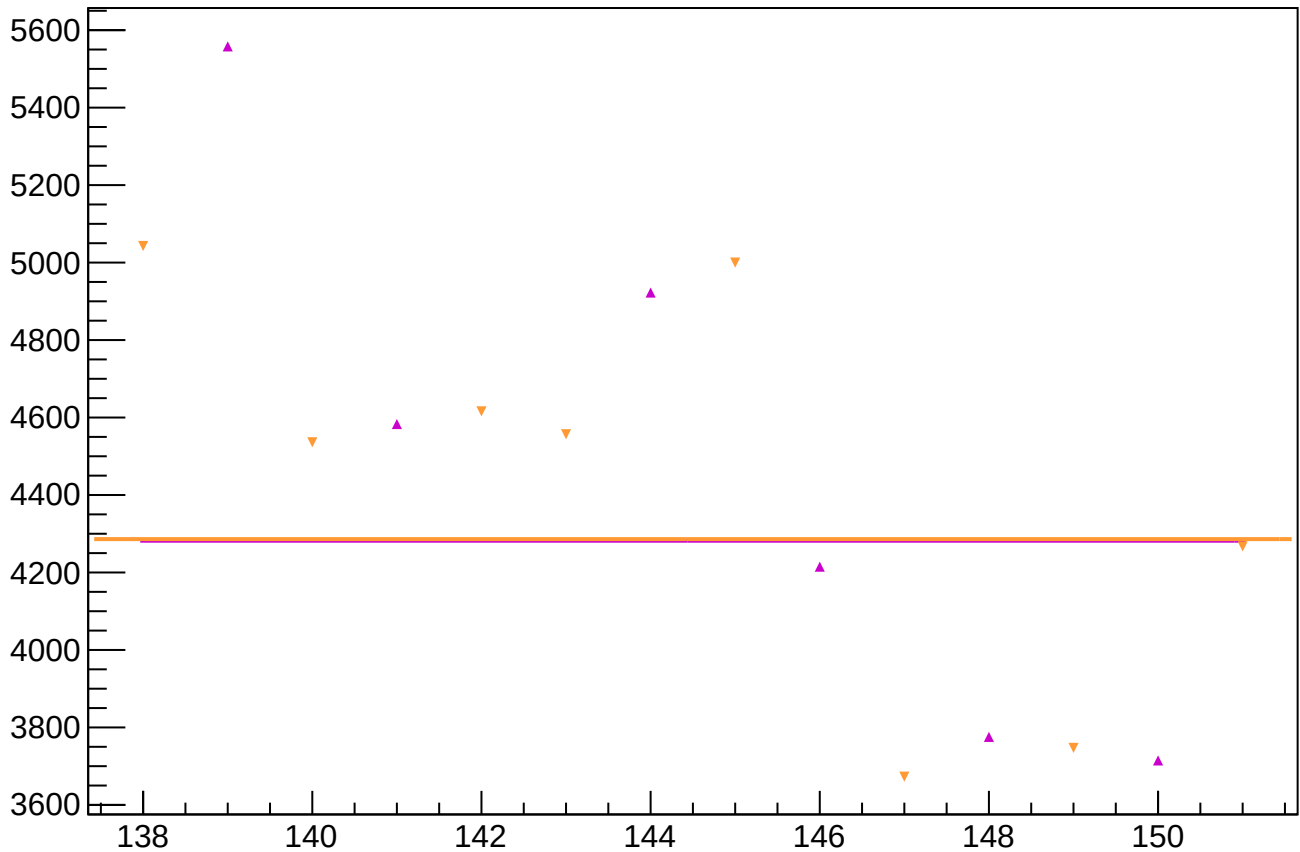
Left In: -318.654+/-1939.559 χ^2/NDF : 2.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.797+/-1322.748 χ^2/NDF : 9.1/13

- 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: 4286.147+/-1.279 χ^2/NDF :152837.1/7

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

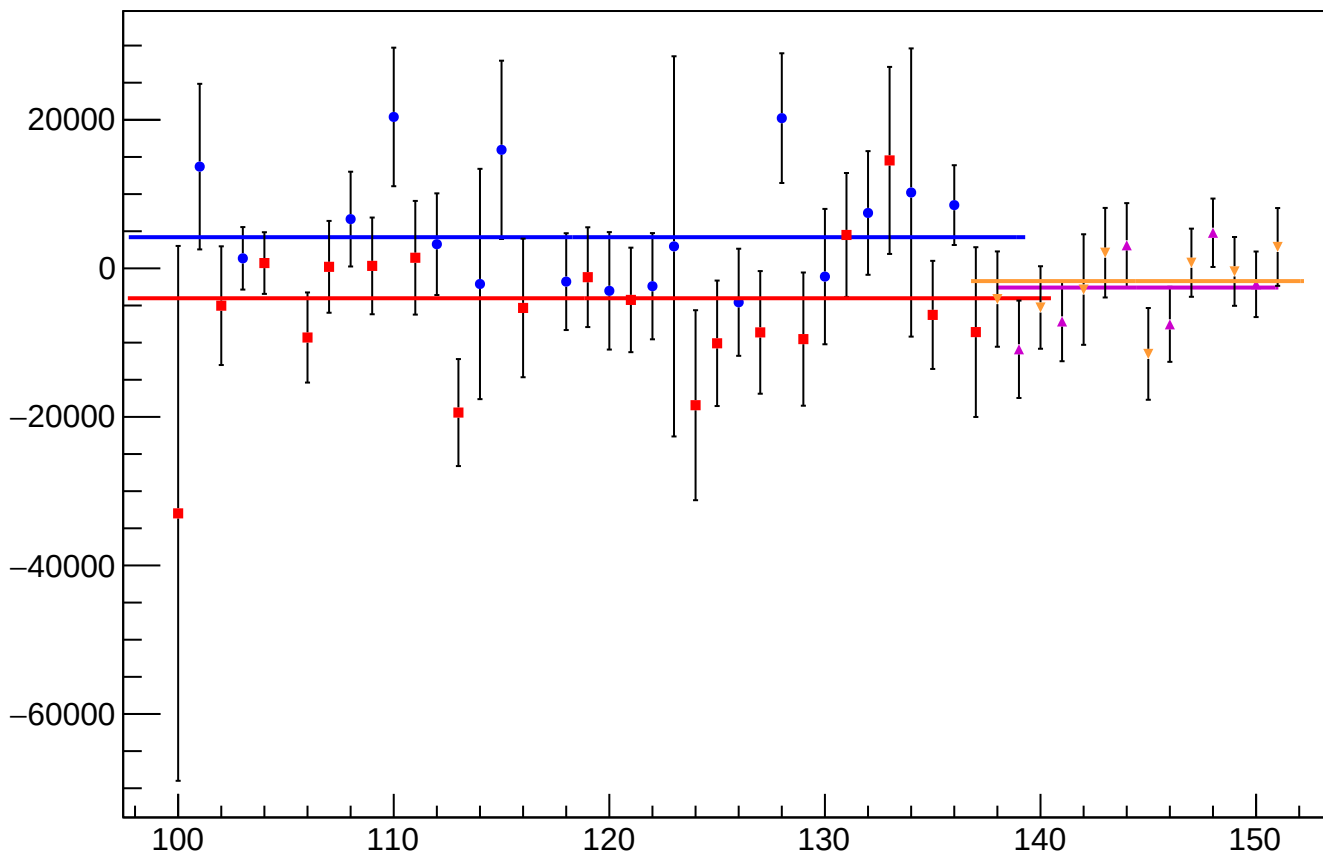
Left In: 4282.063+/-1.371 χ^2/NDF :189563.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4284.248+/-0.935 χ^2/NDF : 342405.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



Right In: 4198.770 ± 1857.803 $\chi^2/\text{NDF}: 14.1/16$

Left Out: -1714.808 ± 1965.079 $\chi^2/\text{NDF}: 4.6/7$

Right Out: -4023.682 ± 1725.187 $\chi^2/\text{NDF}: 14.8/18$

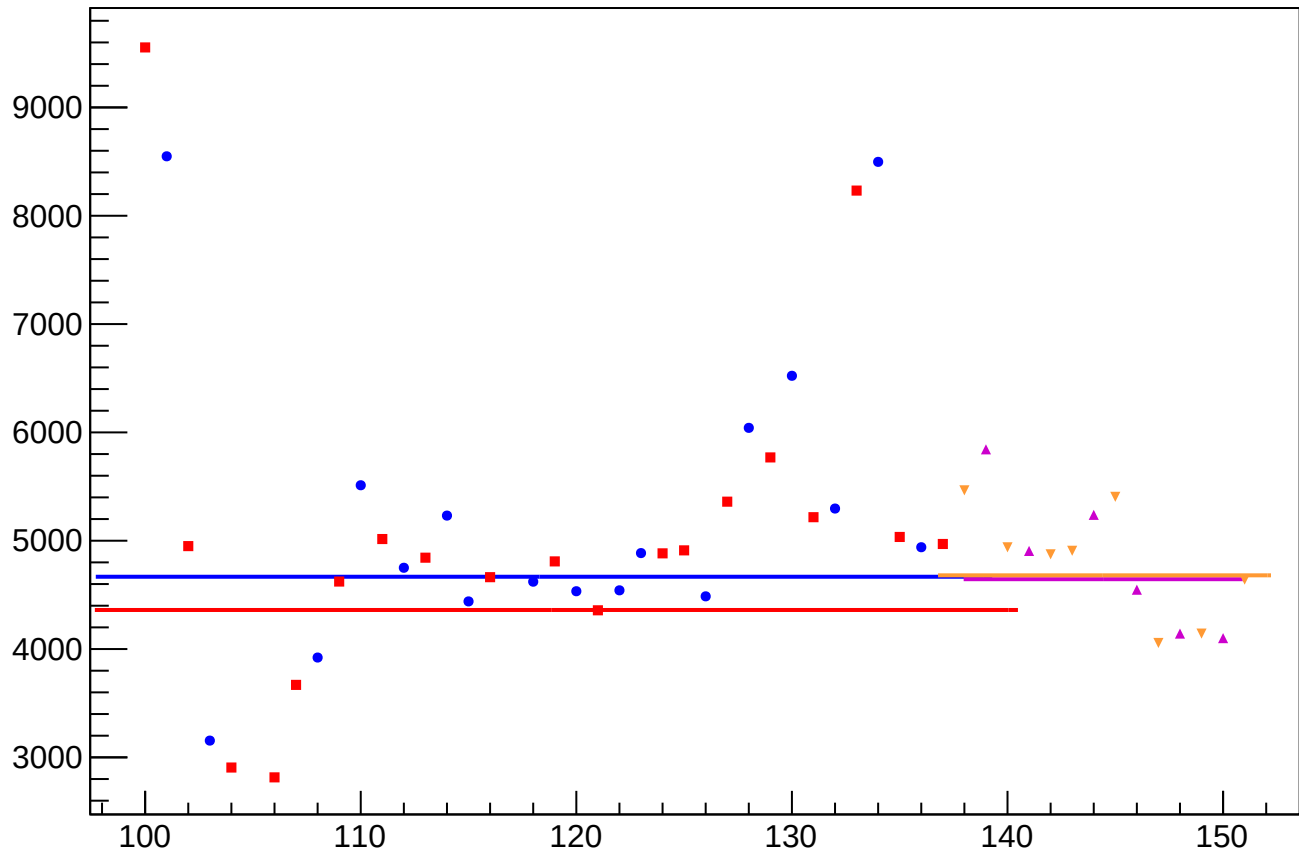
Left In: -2583.499 ± 2099.558 $\chi^2/\text{NDF}: 6.9/5$

+ sign 1407.795 ± 1349.997 $\chi^2/\text{NDF}: 23.5/24$

All: -1048.577 ± 948.499 $\chi^2/\text{NDF}: 52.1/49$

- sign -3443.220 ± 1332.926 $\chi^2/\text{NDF}: 22.0/24$

asym_atr_avg_rms vs Slug



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

Left Out: 4680.504+/-1.390 χ^2/NDF :130018.0/7

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

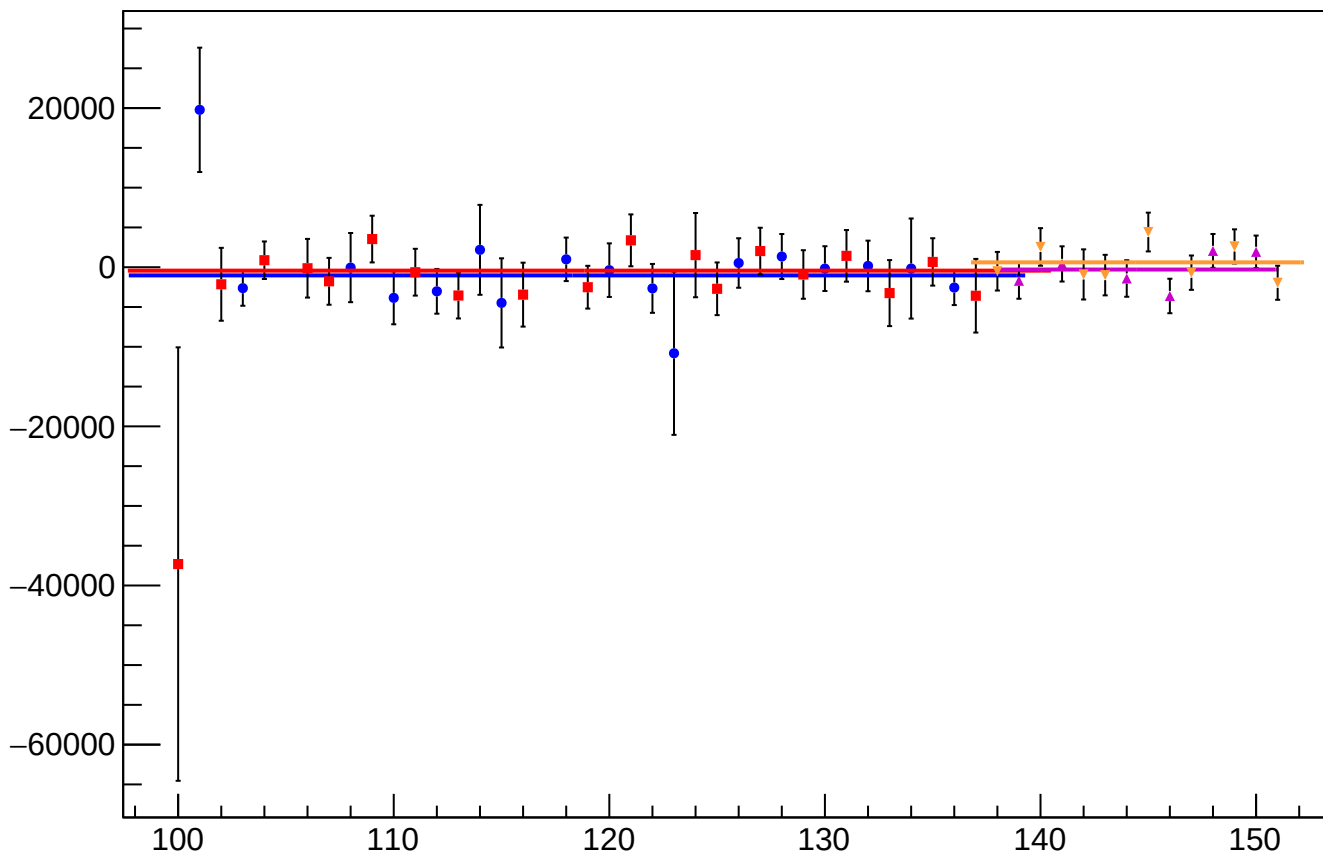
Left In: 4644.819+/-1.485 χ^2/NDF :148432.0/5

+ sign 4673.621+/-0.955 χ^2/NDF : 907922.4/24

All: 4572.374+/-0.670 χ^2/NDF : 1933223.6/49

- sign 4474.352+/-0.939 χ^2/NDF : 1003160.7/24

dit_asym_atr_dd_mean vs Slug



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

Left Out: 611.957 ± 838.654 χ^2/NDF : 6.6/7

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

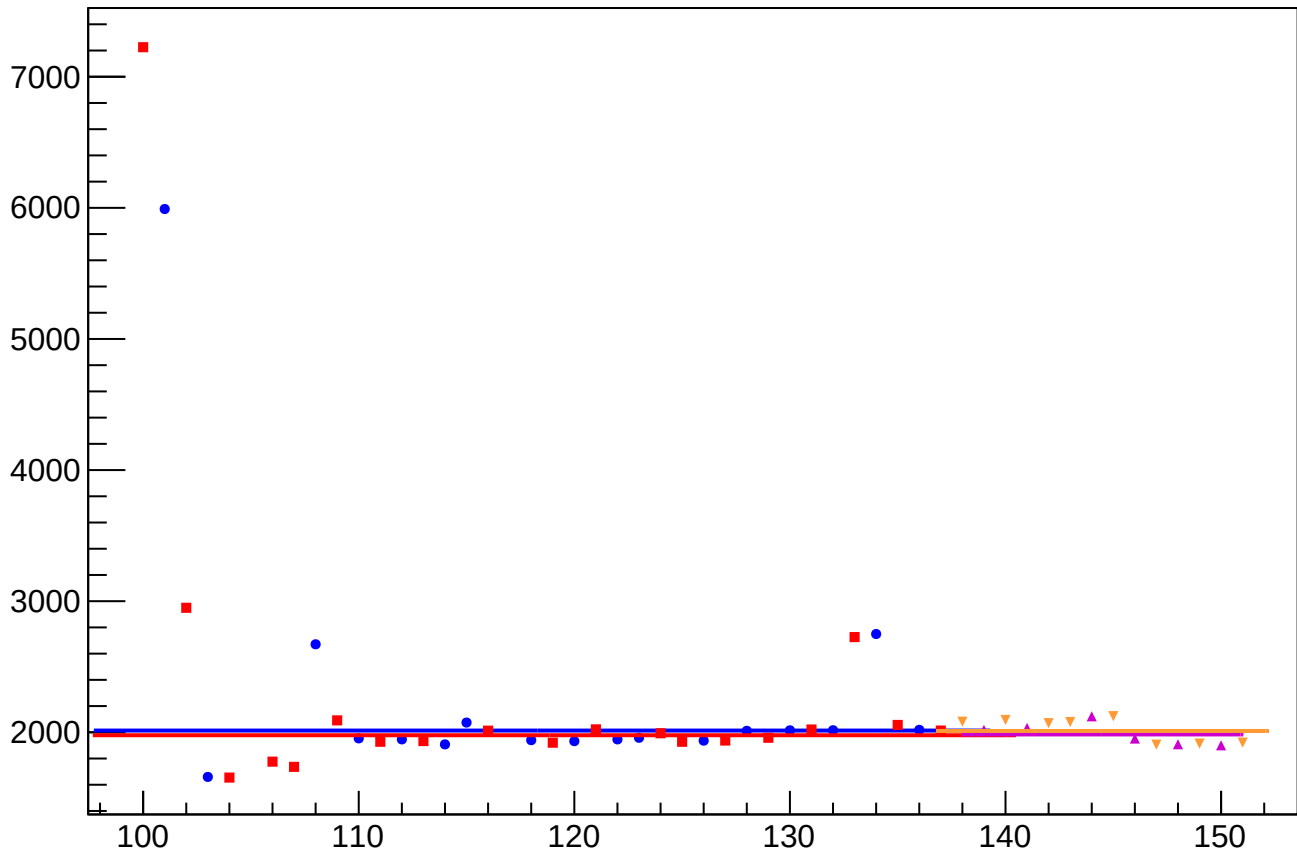
Left In: -290.847 ± 889.549 χ^2/NDF : 5.5/5

+ sign -249.673 ± 577.575 χ^2/NDF : 21.7/24

All: -309.942 ± 408.623 χ^2/NDF : 38.0/49

- sign -370.339 ± 578.186 χ^2/NDF : 16.3/24

dit_asym_atr_dd_rms vs Slug



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

Left Out: 2010.179 ± 0.593 χ^2/NDF : 22777.9/7

+ sign 2011.804 ± 0.408 χ^2/NDF : 672840.7/24

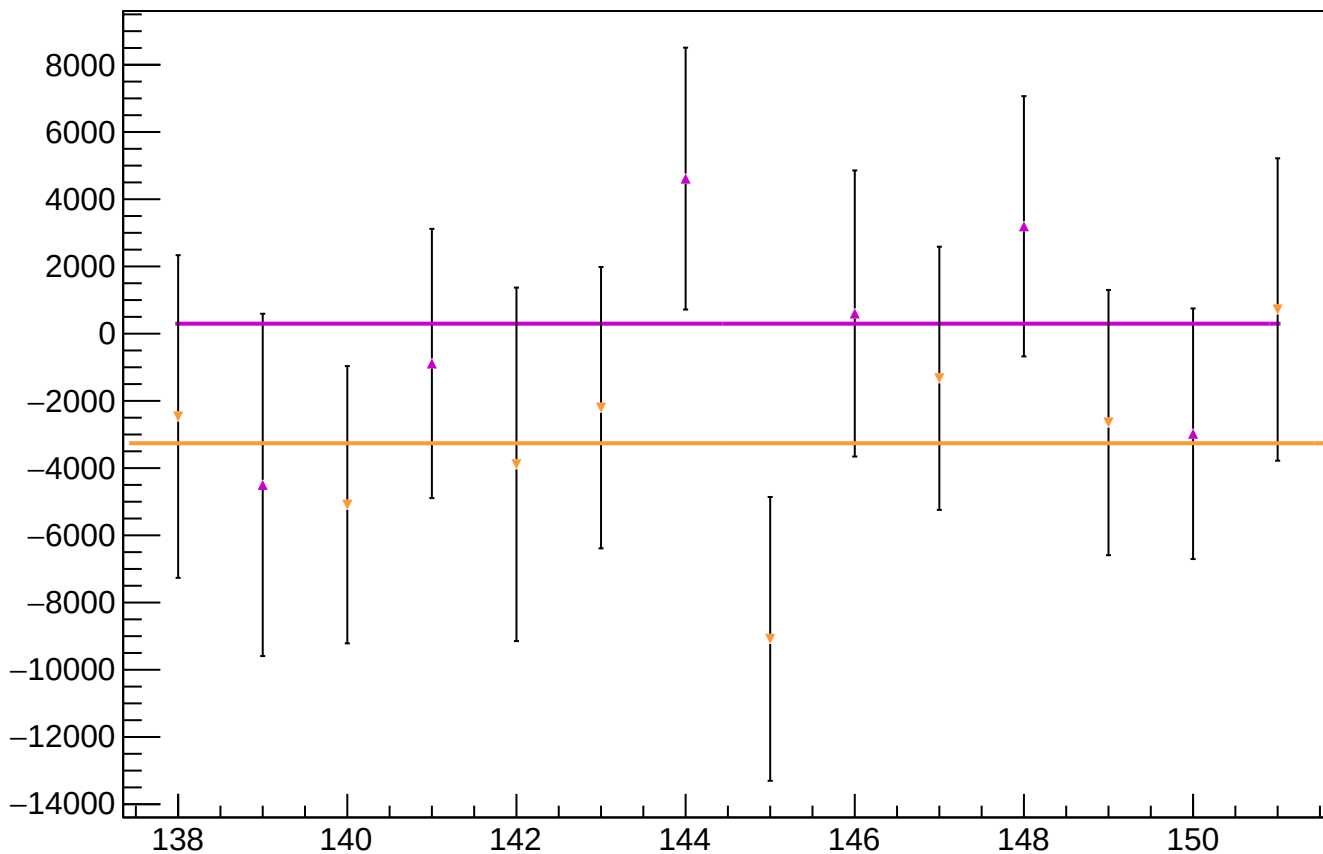
Right Out: 1977.545 ± 0.537 χ^2/NDF : 294899.1/18

All: 1995.983 ± 0.289 χ^2/NDF : 985712.1/49

- sign 1980.147 ± 0.409 χ^2/NDF : 309868.6/24

Left In: 1983.713 ± 0.629 χ^2/NDF : 14913.9/5

asym_atr_dd_correction_mean vs Slug



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

Left Out: -3259.705 $\pm$ 1524.269 χ^2 /NDF:3.3/7

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

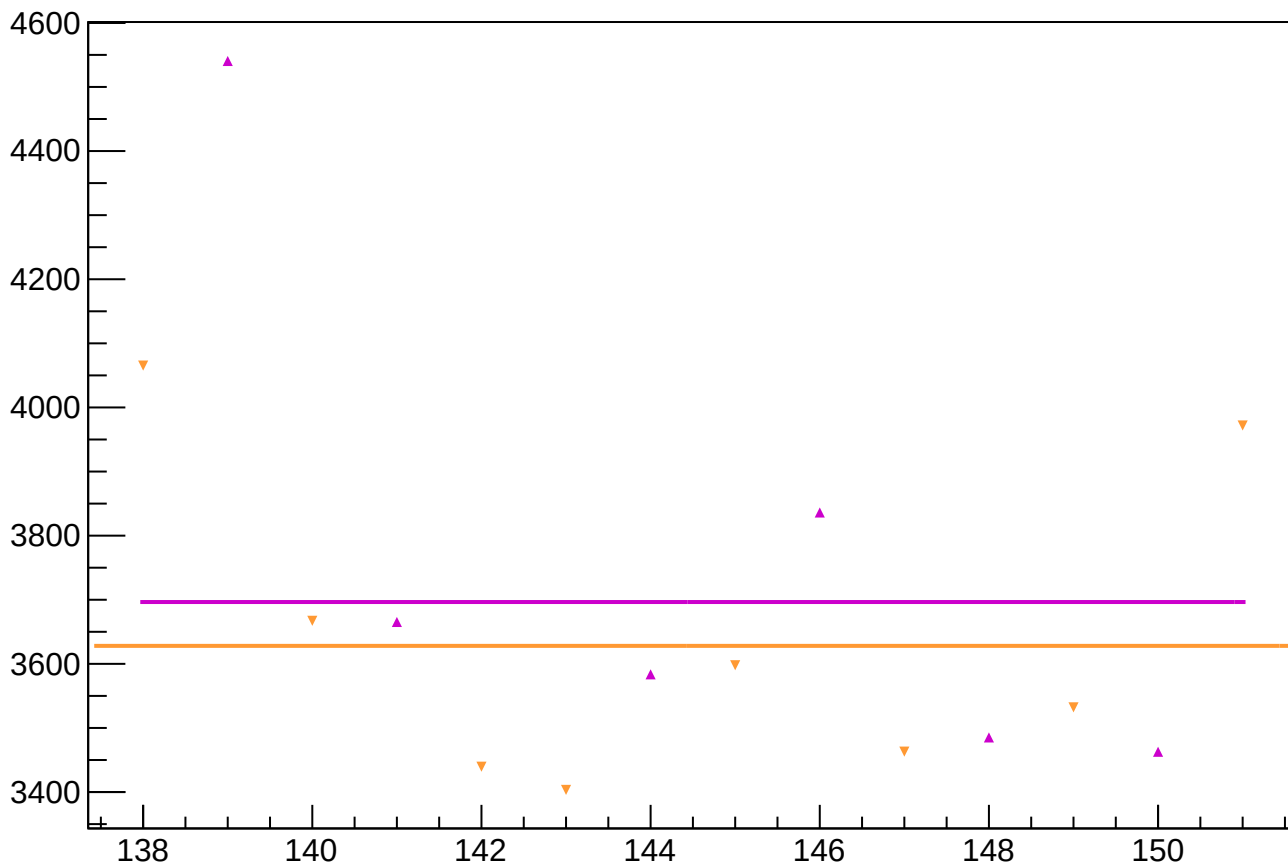
Left In: 297.372 $\pm$ 1665.043 χ^2 /NDF:3.5/5

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

All: -1637.867 $\pm$ 1124.301 χ^2 /NDF: 9.3/13

- sign 0.000 $\pm$ 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: 3628.065+/-1.078 χ^2/NDF : 41629.2/7

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

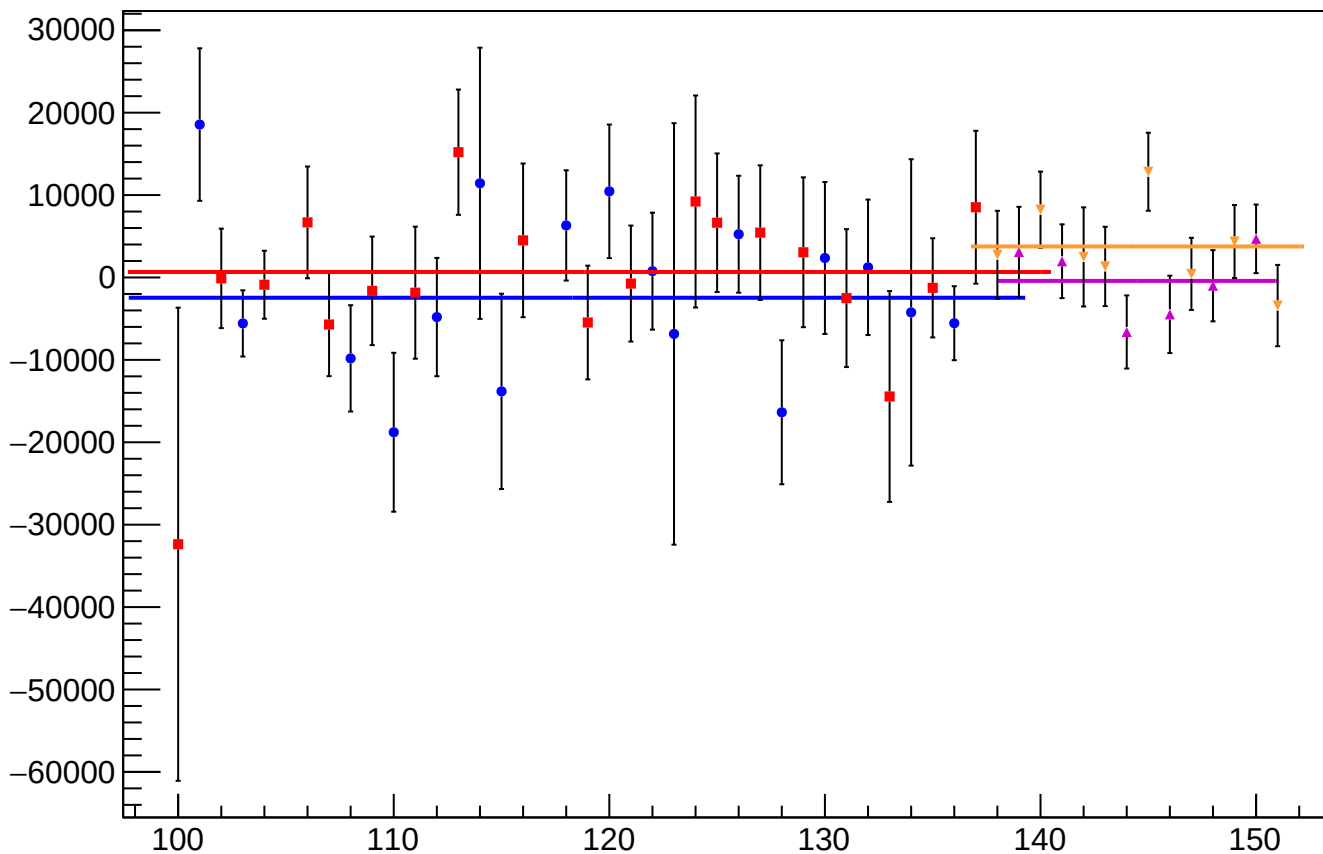
Left In: 3696.454+/-1.177 χ^2/NDF : 72713.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3659.247+/-0.795 χ^2/NDF : 116177.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 3763.249 ± 1710.527 χ^2/NDF : 7.6/7

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

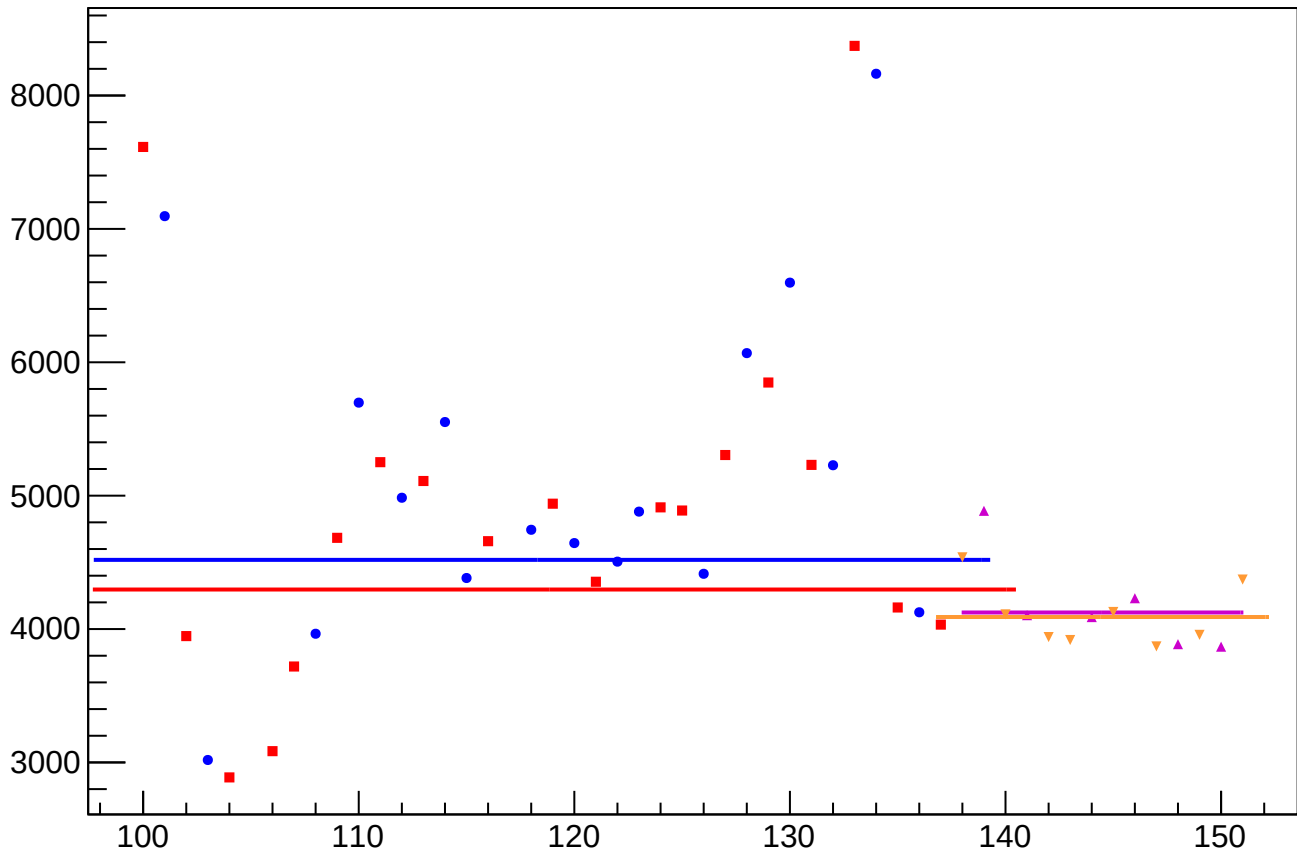
Left In: -416.514 ± 1854.649 χ^2/NDF : 4.9/5

+ sign 804.391 ± 1239.064 χ^2/NDF : 34.8/24

All: 492.268 ± 879.676 χ^2/NDF : 51.9/49

- sign 175.070 ± 1249.096 χ^2/NDF : 17.0/24

asym_atr_dd_rms vs Slug



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

Left Out: 4090.240+/-1.210 χ^2/NDF : 31462.9/7

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

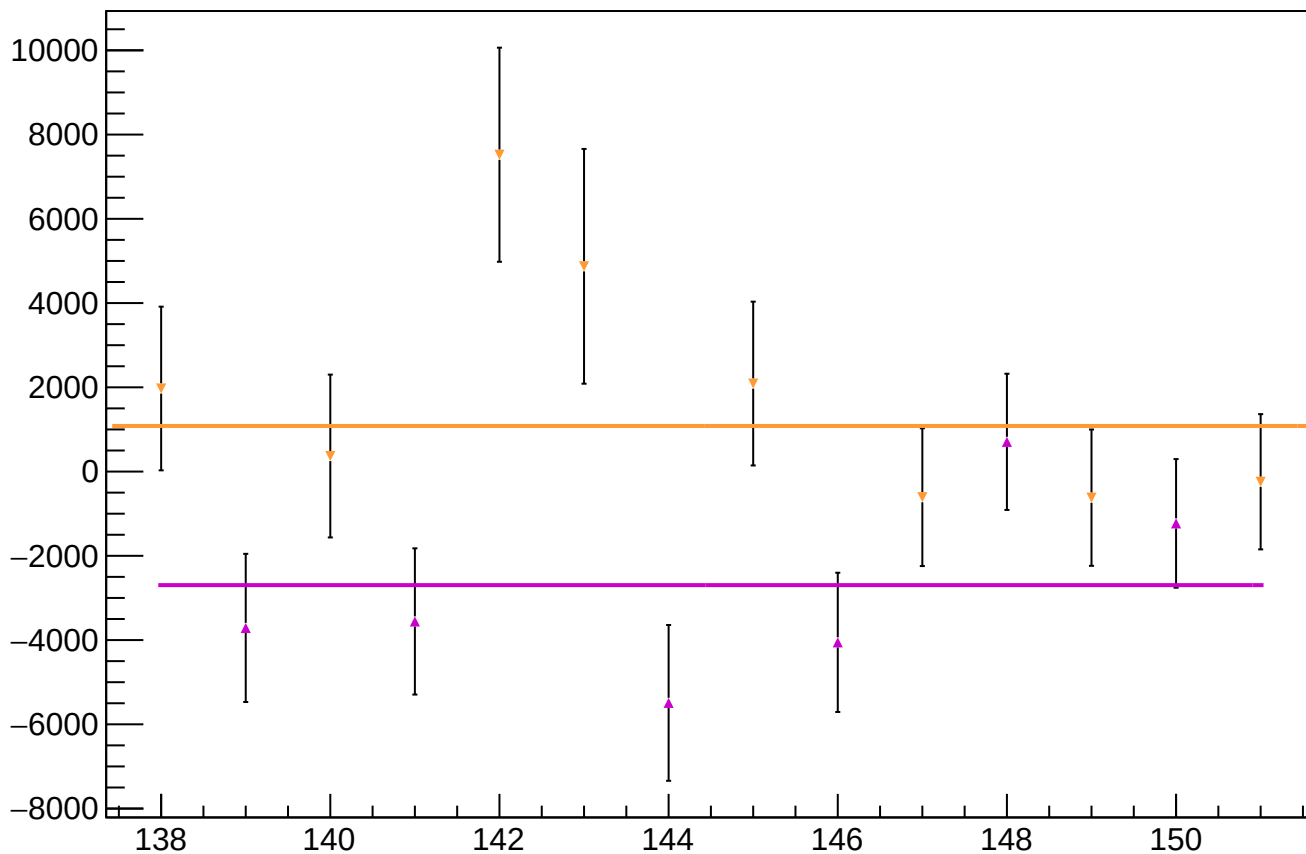
Left In: 4124.174+/-1.311 χ^2/NDF : 53566.7/5

+ sign 4293.871+/-0.876 χ^2/NDF : 861325.8/24

All: 4256.495+/-0.621 χ^2/NDF : 1699721.8/49

- sign 4218.742+/-0.881 χ^2/NDF : 834738.0/24

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1082.709+/-670.487 χ^2/NDF : 11.7/7

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

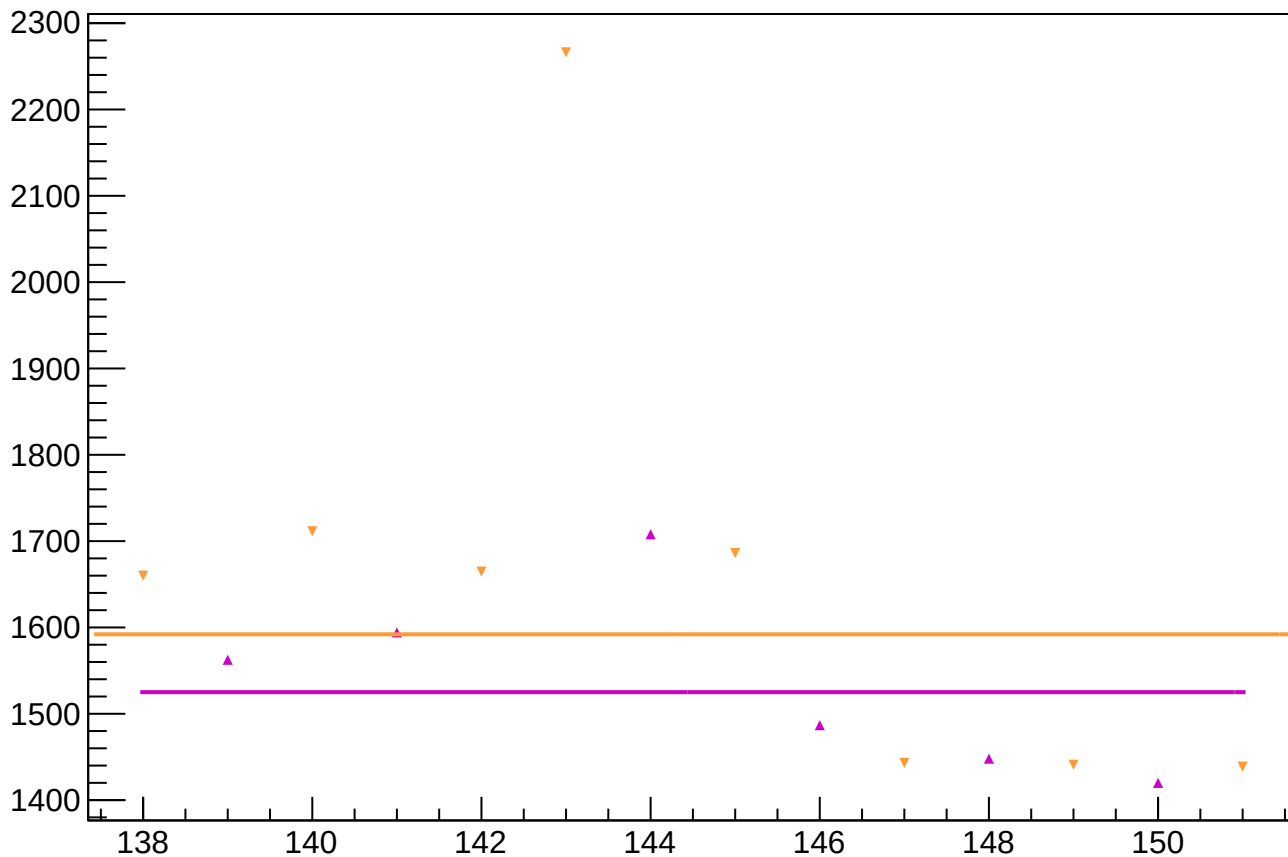
Left In: -2695.606+/-685.971 χ^2/NDF : 8.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -763.325+/-479.487 χ^2/NDF : 36.1/13

- 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: 1592.066+/-0.474 χ^2/NDF : 185712.3/7

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

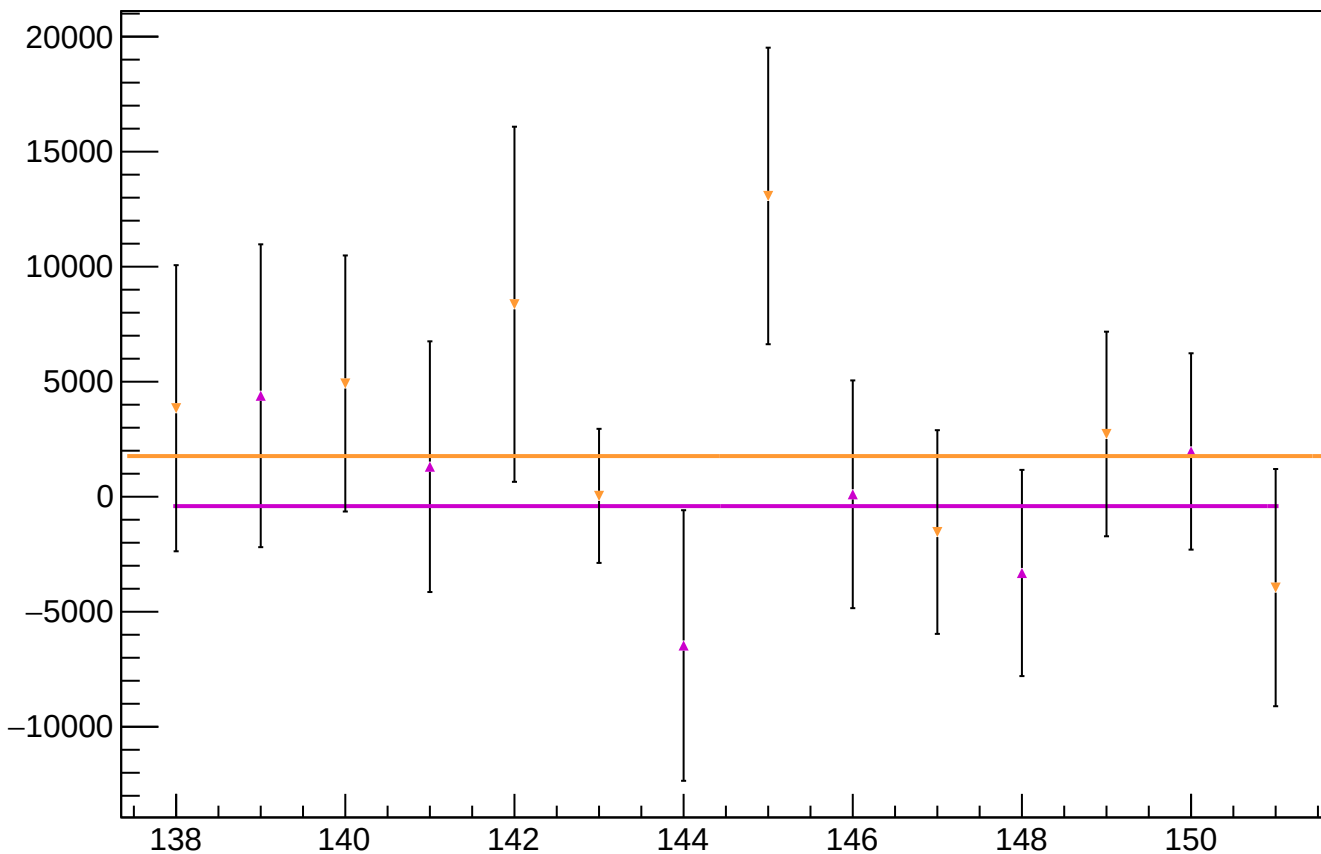
Left In: 1525.064+/-0.485 χ^2/NDF : 38727.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1559.330+/-0.339 χ^2/NDF : 234198.3/13

- 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: 1766.839+/-1676.112 χ^2/NDF :6.4/7

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

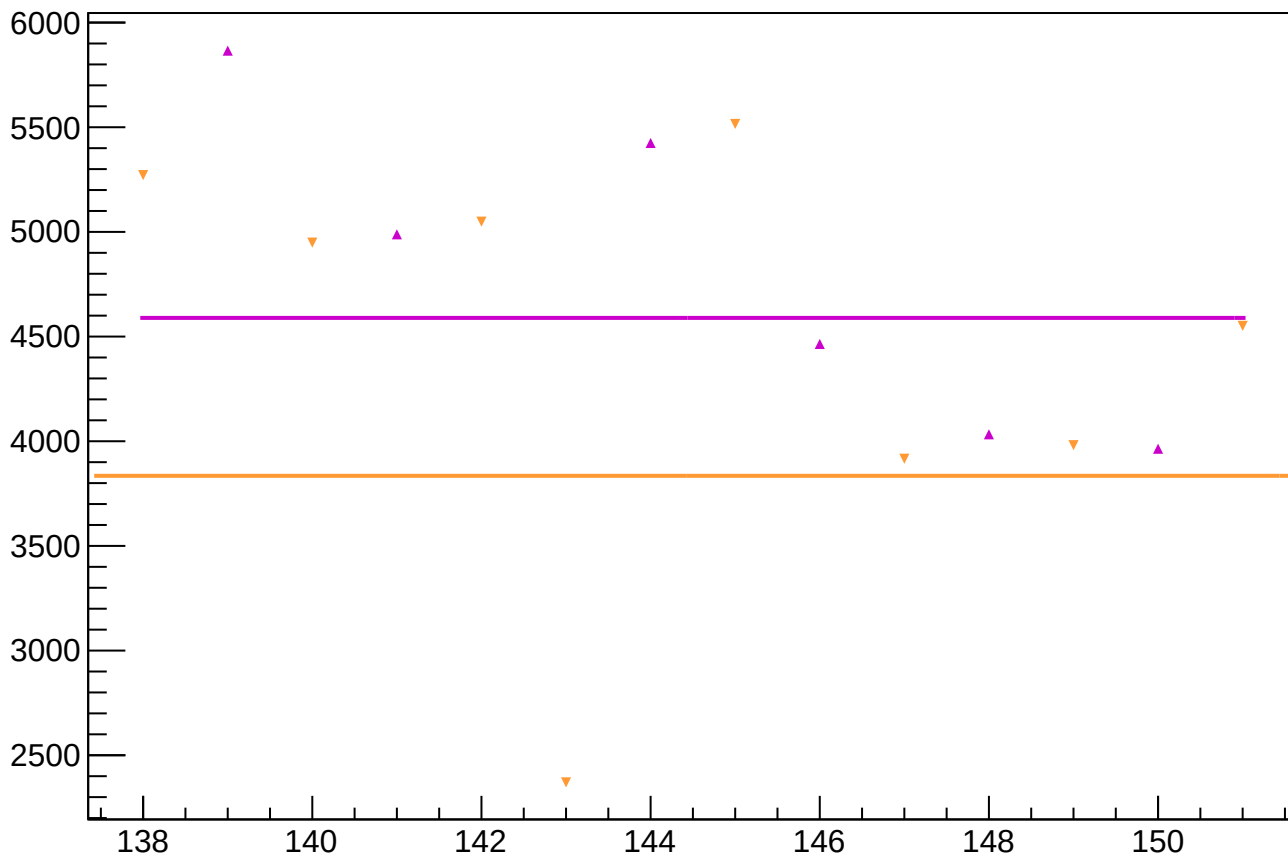
Left In: -408.311+/-2079.860 χ^2/NDF :2.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 910.411+/-1305.074 χ^2/NDF : 9.5/13

- 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: 3834.899+/-1.185 χ^2/NDF : 918810.7/7

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

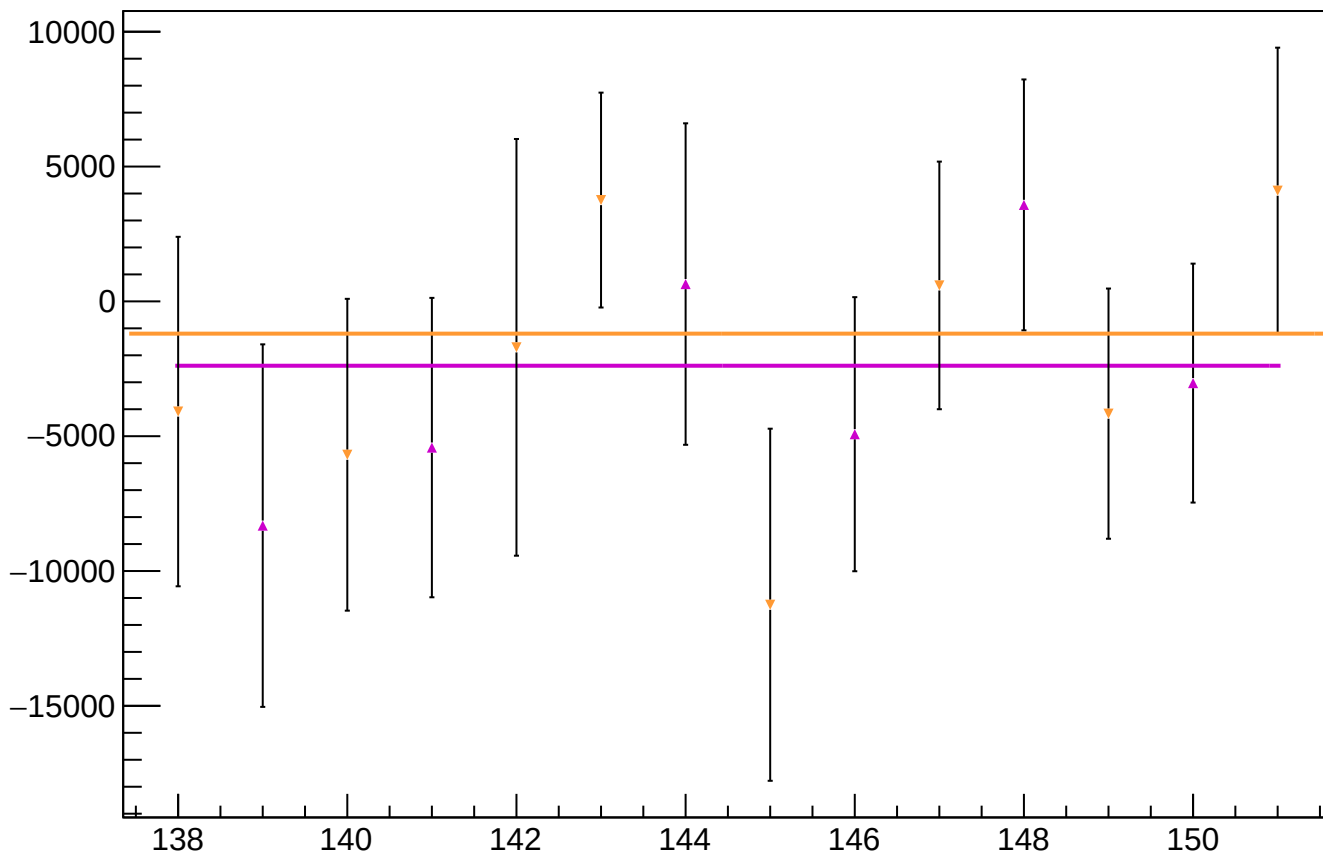
Left In: 4589.204+/-1.471 χ^2/NDF : 201289.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4131.893+/-0.923 χ^2/NDF : 1279585.0/13

- 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: -1196.651+/-1868.723 χ^2/NDF : 6.3/7

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

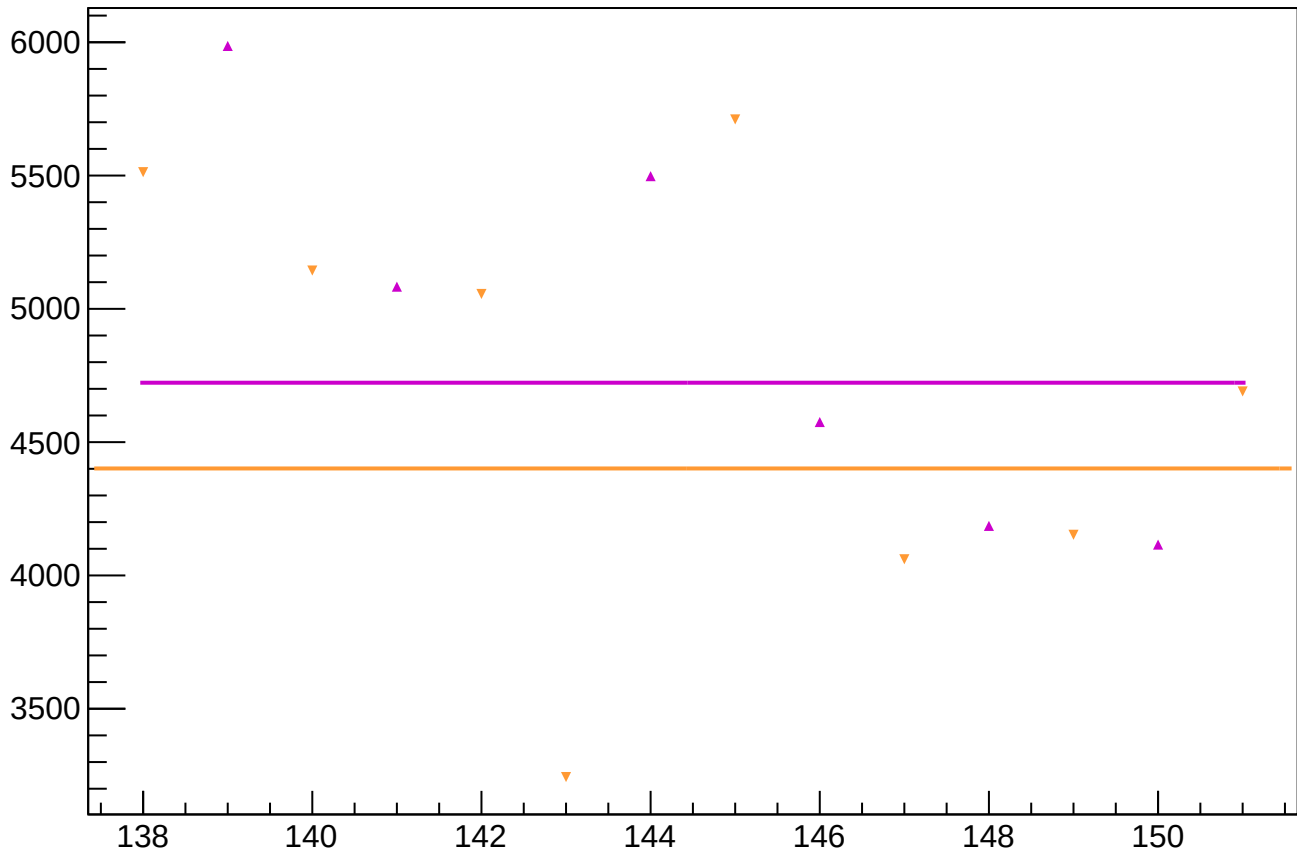
Left In: -2386.708+/-2138.955 χ^2/NDF : 3.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1711.799+/-1407.290 χ^2/NDF : 9.7/13

- 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: 4401.278+/-1.321 χ^2/NDF : 378057.3/7

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

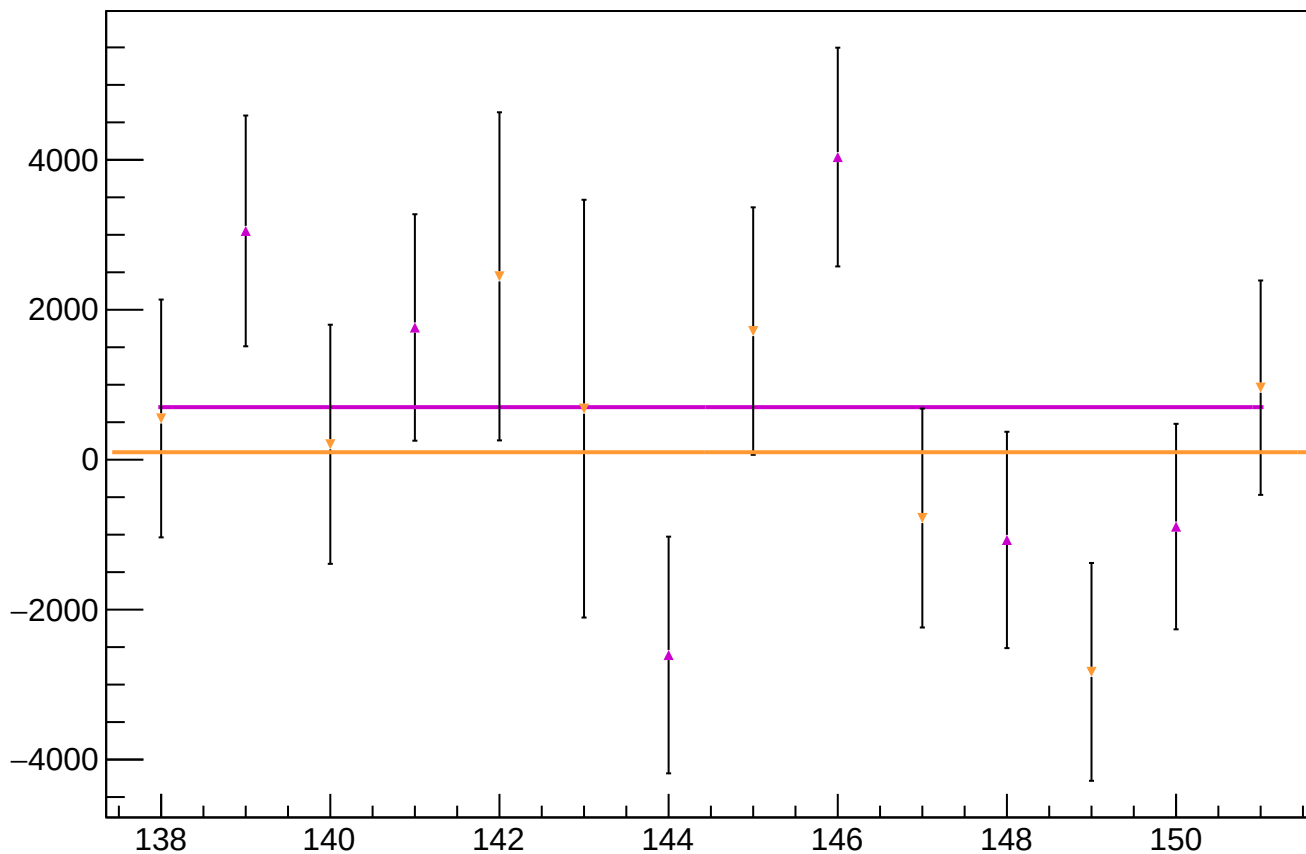
Left In: 4722.918+/-1.512 χ^2/NDF : 178730.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4540.508+/-0.995 χ^2/NDF : 582435.6/13

- 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: 99.740+/-584.520 χ^2/NDF : 7.0/7

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

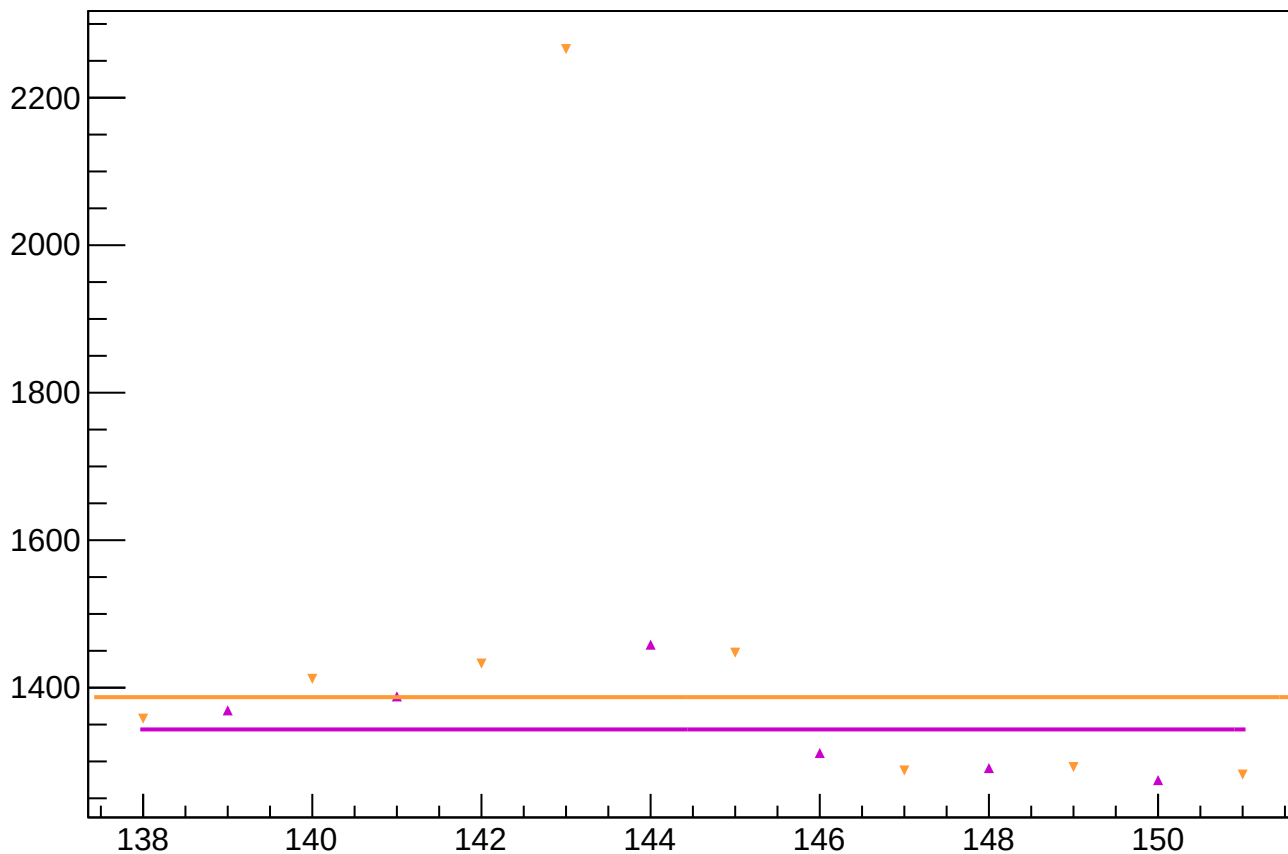
Left In: 701.068+/-603.686 χ^2/NDF : 15.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.707+/-419.930 χ^2/NDF : 22.8/13

- 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: 1387.175+/-0.413 χ^2/NDF : 232186.7/7

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

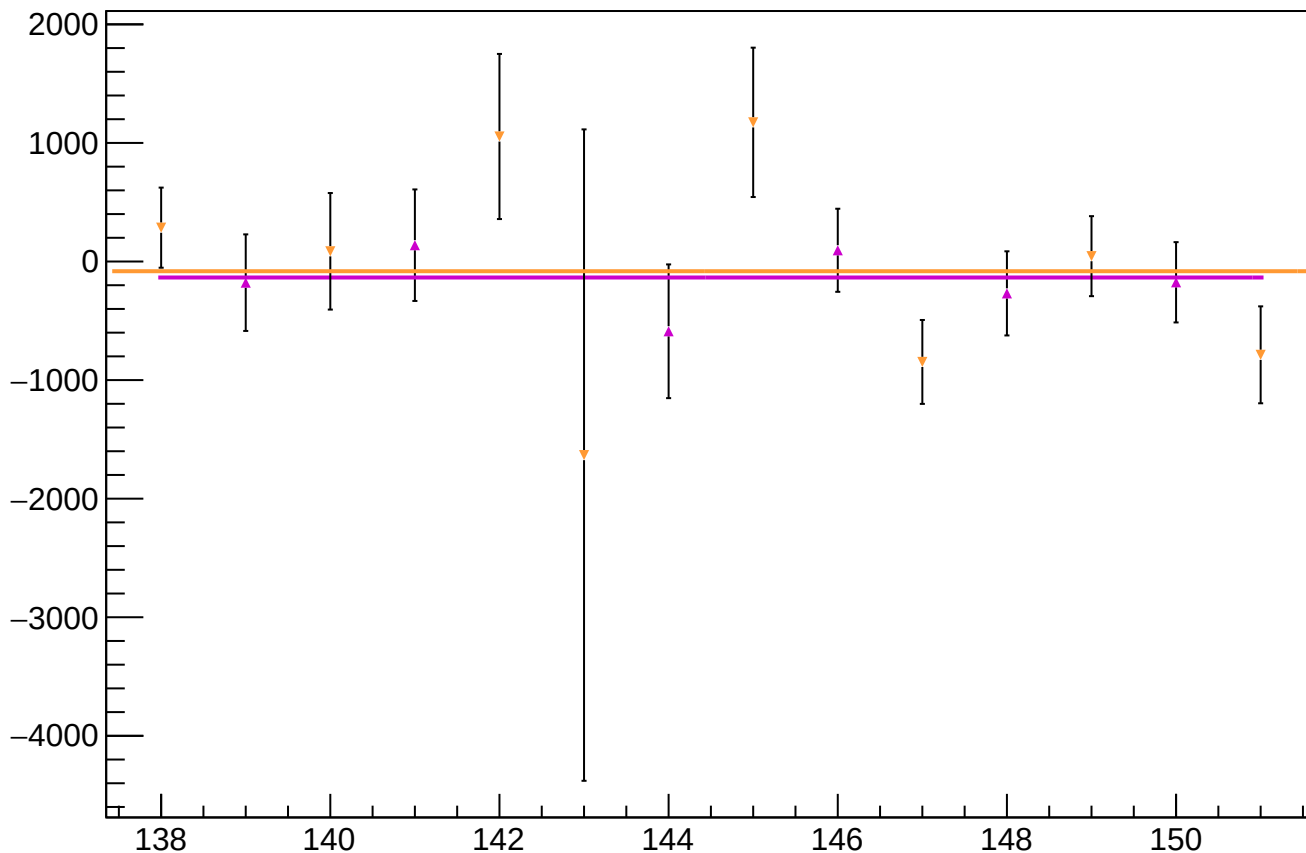
Left In: 1343.393+/-0.427 χ^2/NDF : 21548.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.990+/-0.297 χ^2/NDF : 259164.3/13

- 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: -81.875+/-157.375 χ^2/NDF :16.0/7

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

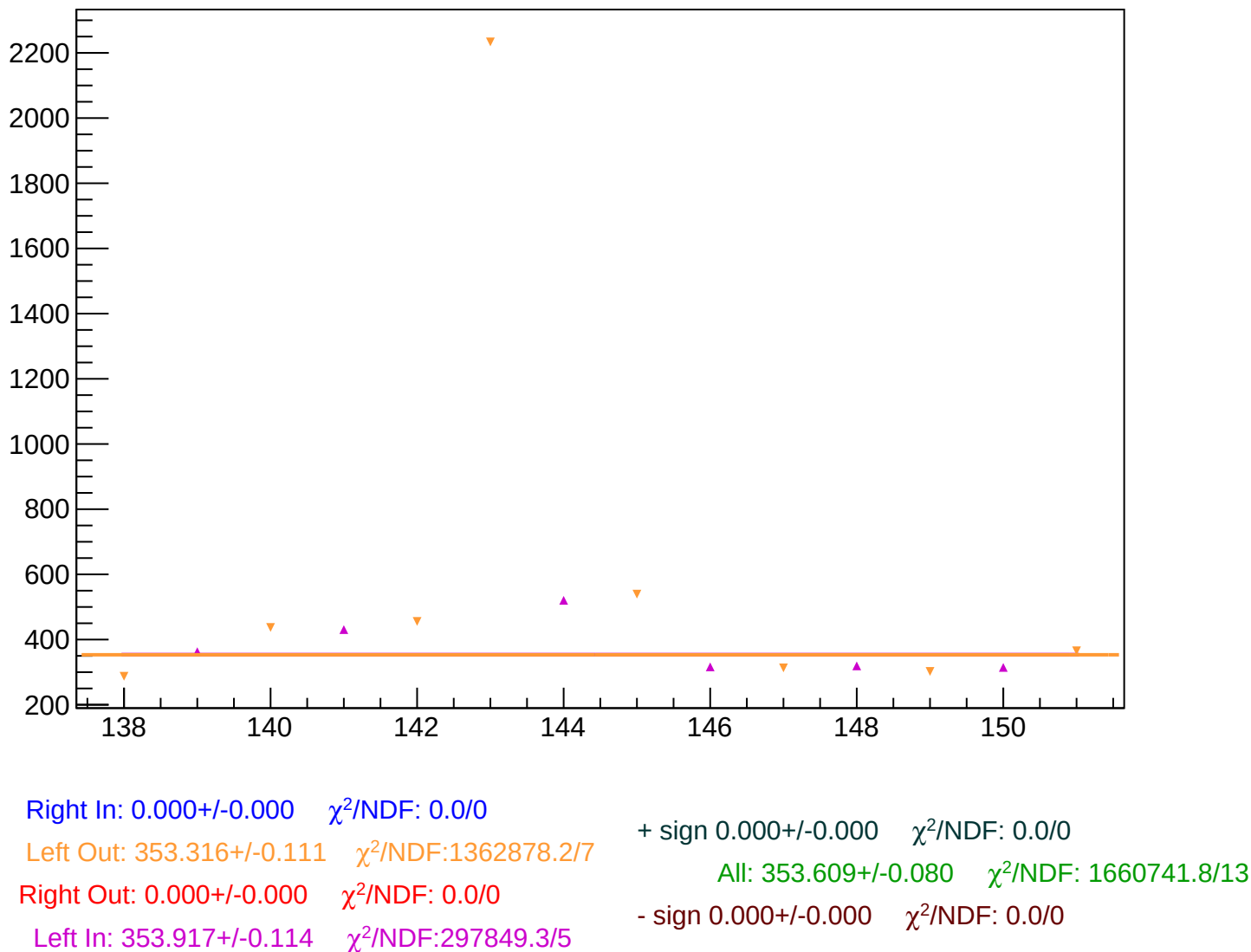
Left In: -134.904+/-161.137 χ^2/NDF :1.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

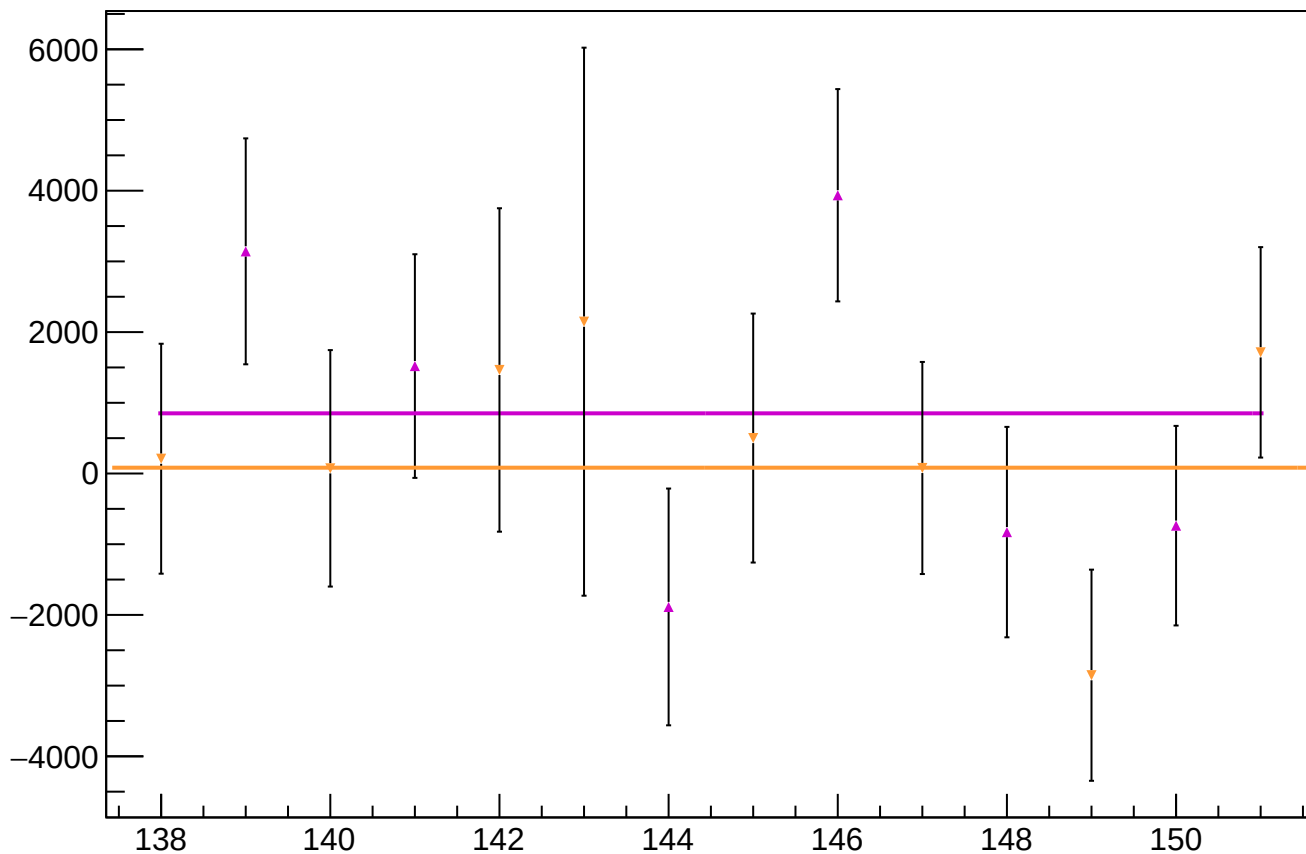
All: -107.763+/-112.587 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 82.243+/-613.093 χ^2/NDF : 5.8/7

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

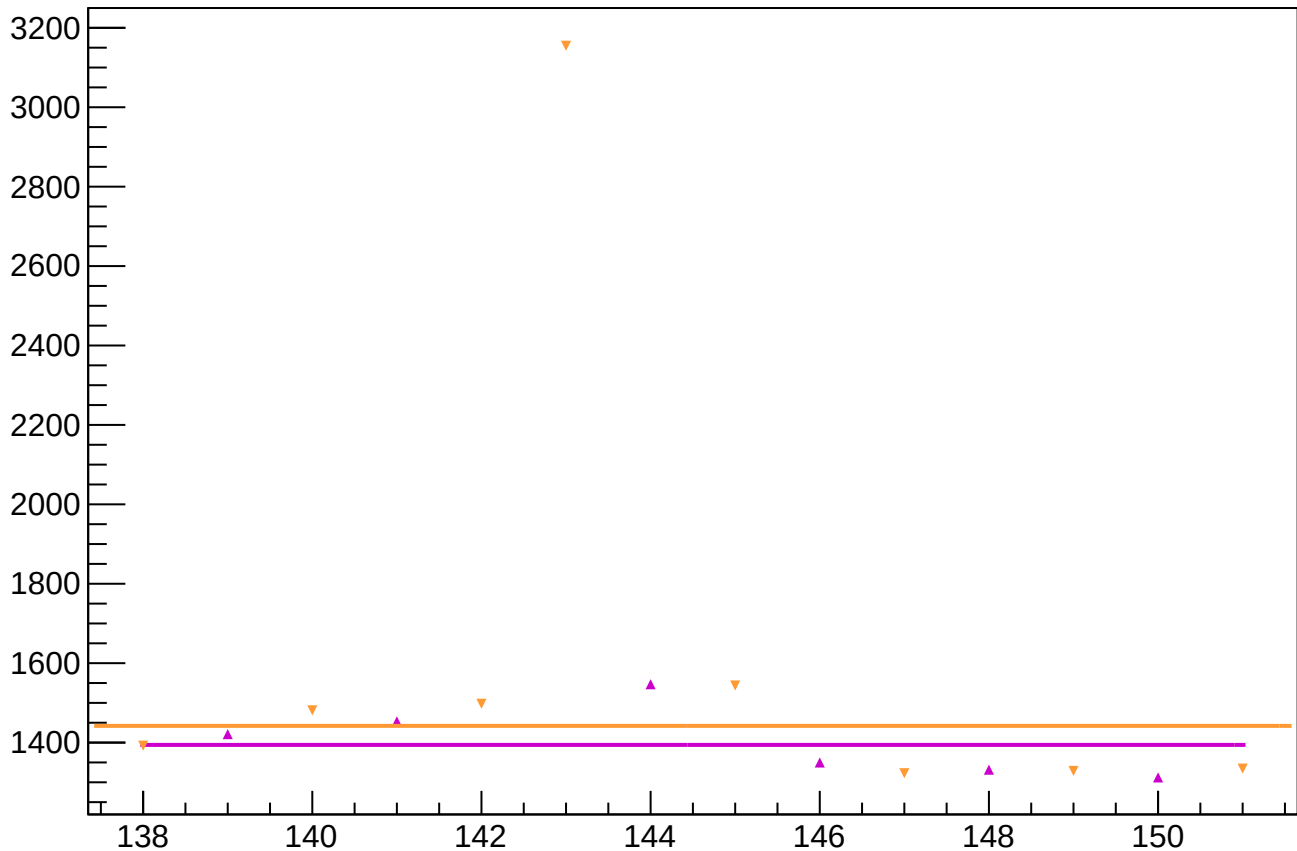
Left In: 851.103+/-626.786 χ^2/NDF : 11.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.182+/-438.283 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1442.115 $\pm$ 0.434 χ^2 /NDF:436075.6/7

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

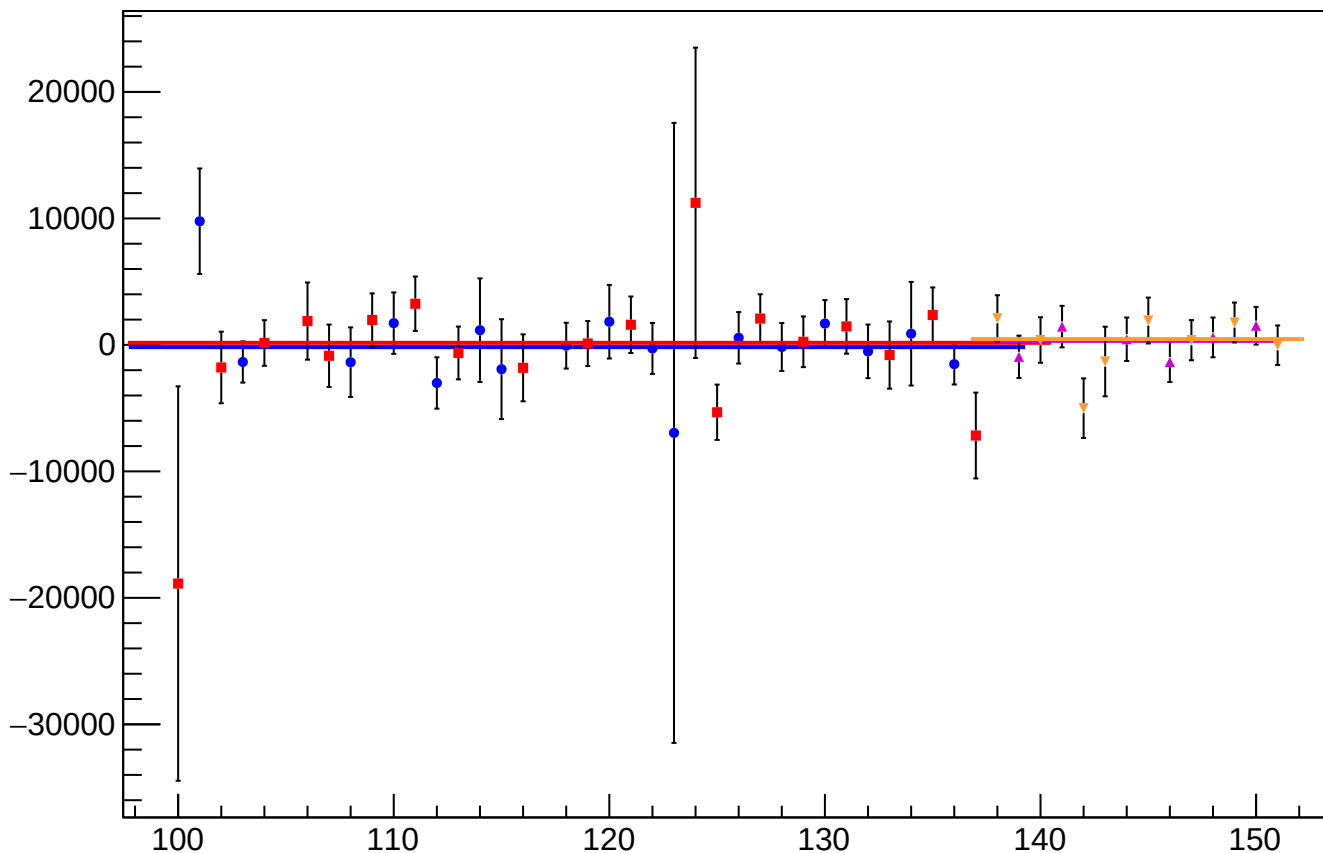
Left In: 1394.158 $\pm$ 0.443 χ^2 /NDF:32025.8/5

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

All: 1418.666 $\pm$ 0.310 χ^2 /NDF: 474084.8/13

- sign 0.000 $\pm$ 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: 458.935 ± 640.711 χ^2/NDF : 8.1/7

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

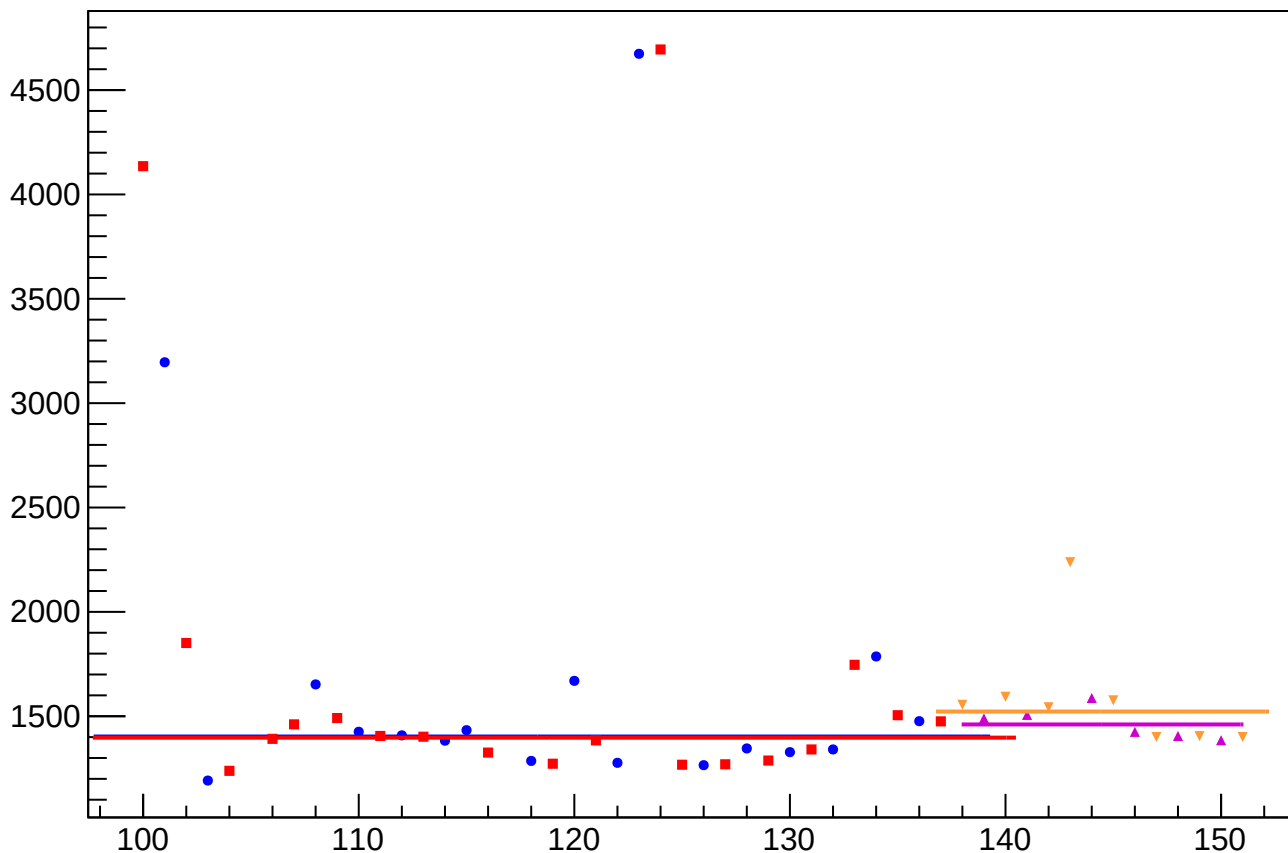
Left In: 318.037 ± 656.234 χ^2/NDF : 2.8/5

+ sign 96.658 ± 419.352 χ^2/NDF : 20.4/24

All: 162.073 ± 295.699 χ^2/NDF : 43.9/49

- sign 226.764 ± 417.022 χ^2/NDF : 23.5/24

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1522.537+/-0.453 χ^2/NDF : 176022.3/7

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

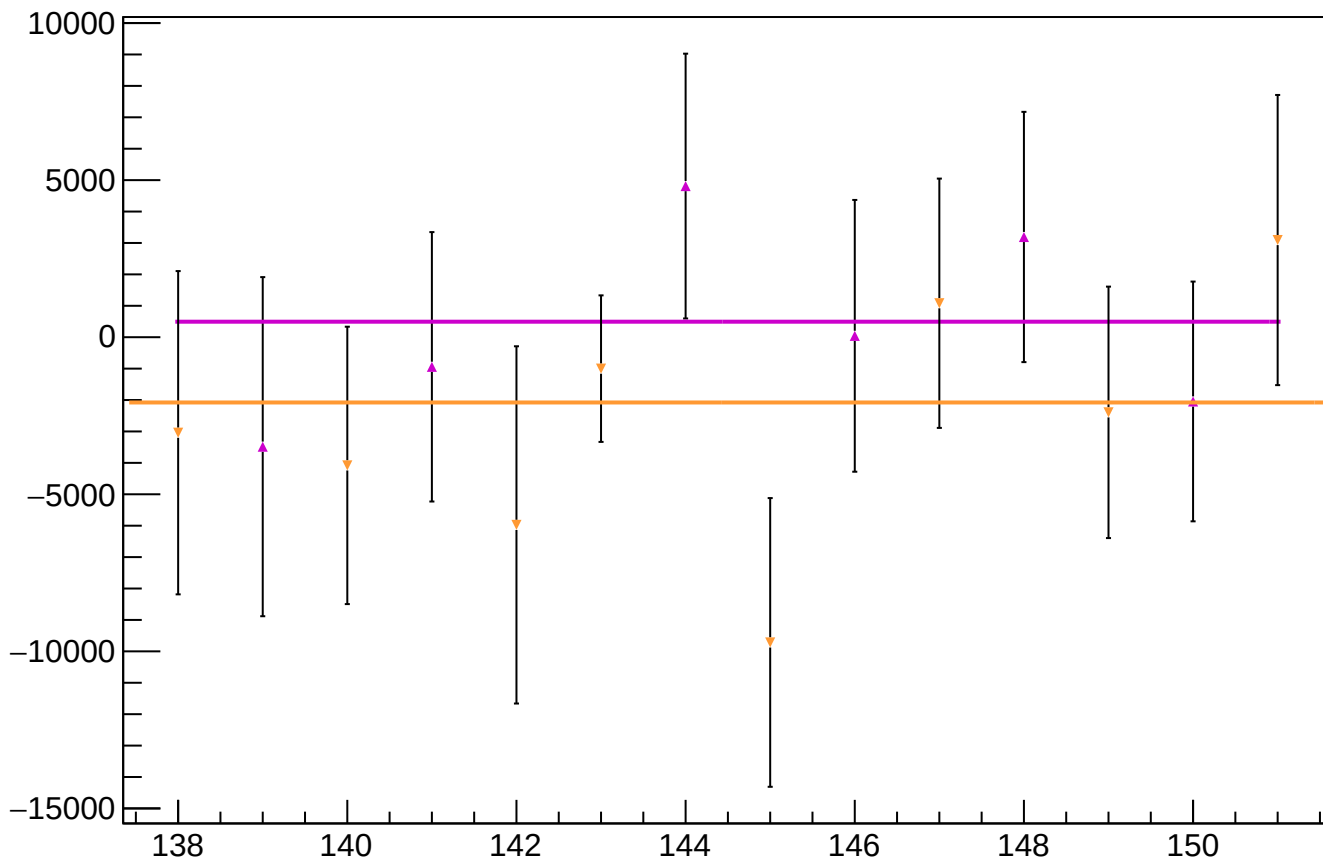
Left In: 1460.621+/-0.464 χ^2/NDF : 21672.0/5

+ sign 1454.041+/-0.297 χ^2/NDF : 742336.7/24

All: 1438.398+/-0.209 χ^2/NDF : 1133964.3/49

- sign 1422.939+/-0.295 χ^2/NDF : 386094.2/24

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -2077.606+/-1381.429 χ^2/NDF : 5.6/7

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

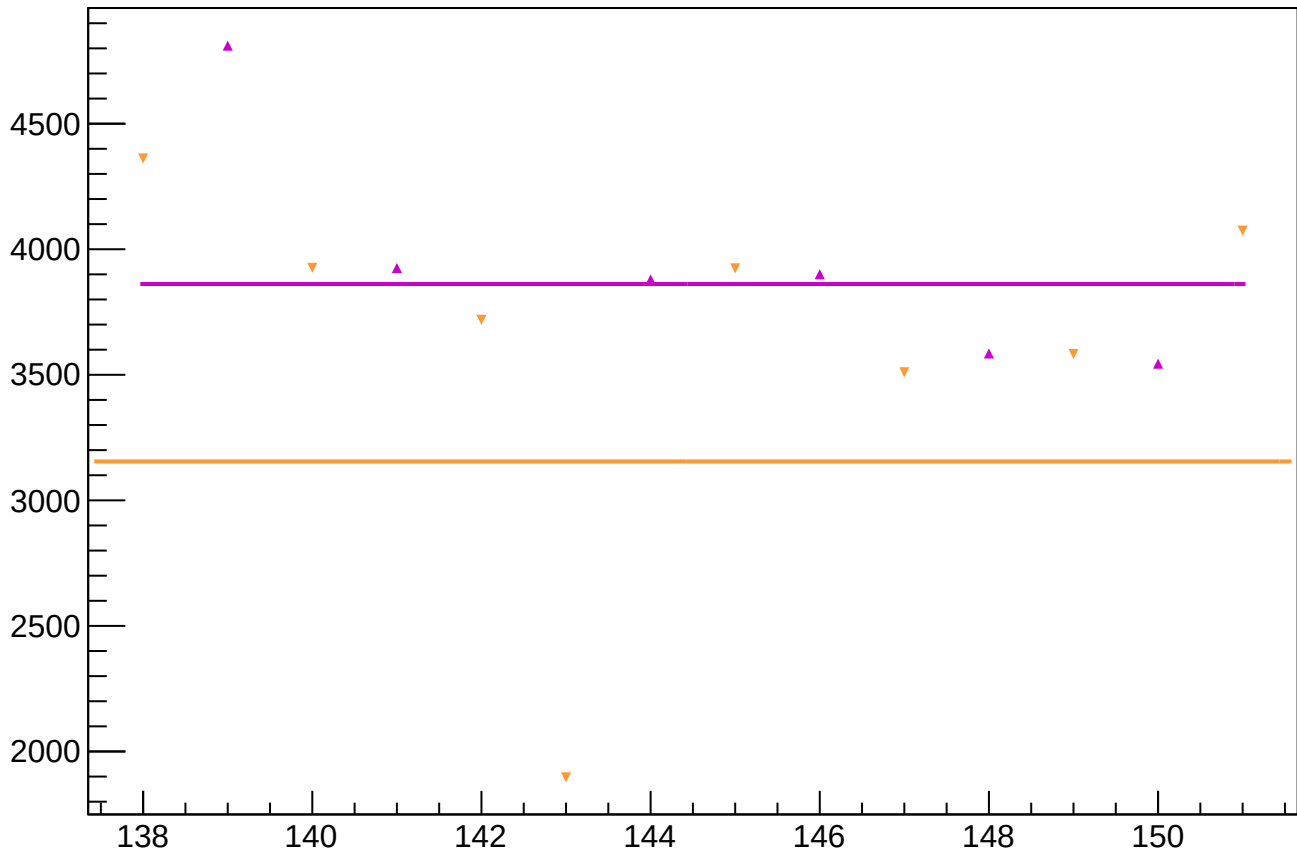
Left In: 493.525+/-1740.386 χ^2/NDF : 2.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1083.821+/-1082.006 χ^2/NDF : 9.5/13

- 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: 3155.087+/-0.977 χ^2/NDF : 946770.1/7

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

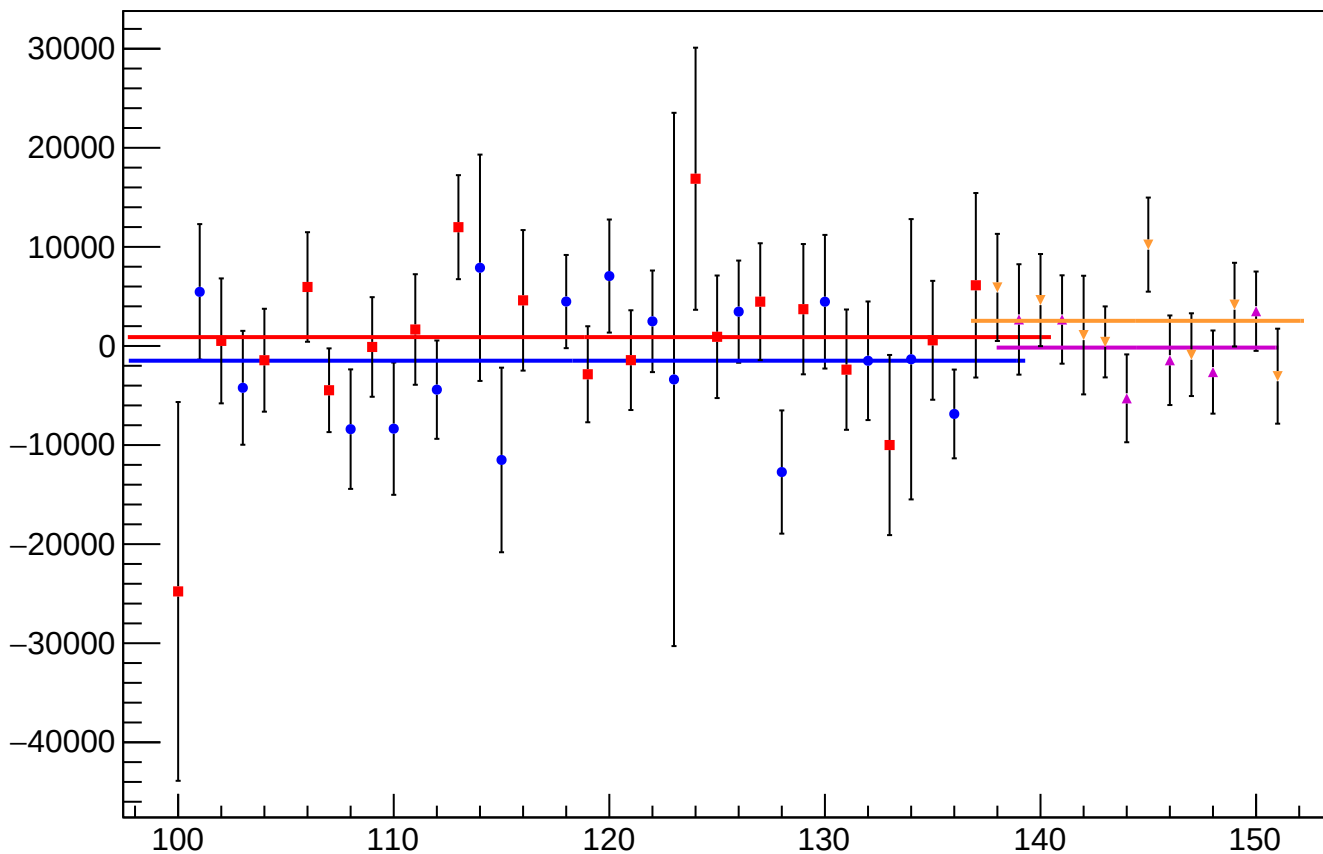
Left In: 3861.532+/-1.231 χ^2/NDF : 85972.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3428.140+/-0.765 χ^2/NDF : 1234903.1/13

- 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: 2538.205+/-1606.308 χ^2/NDF : 5.8/7

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

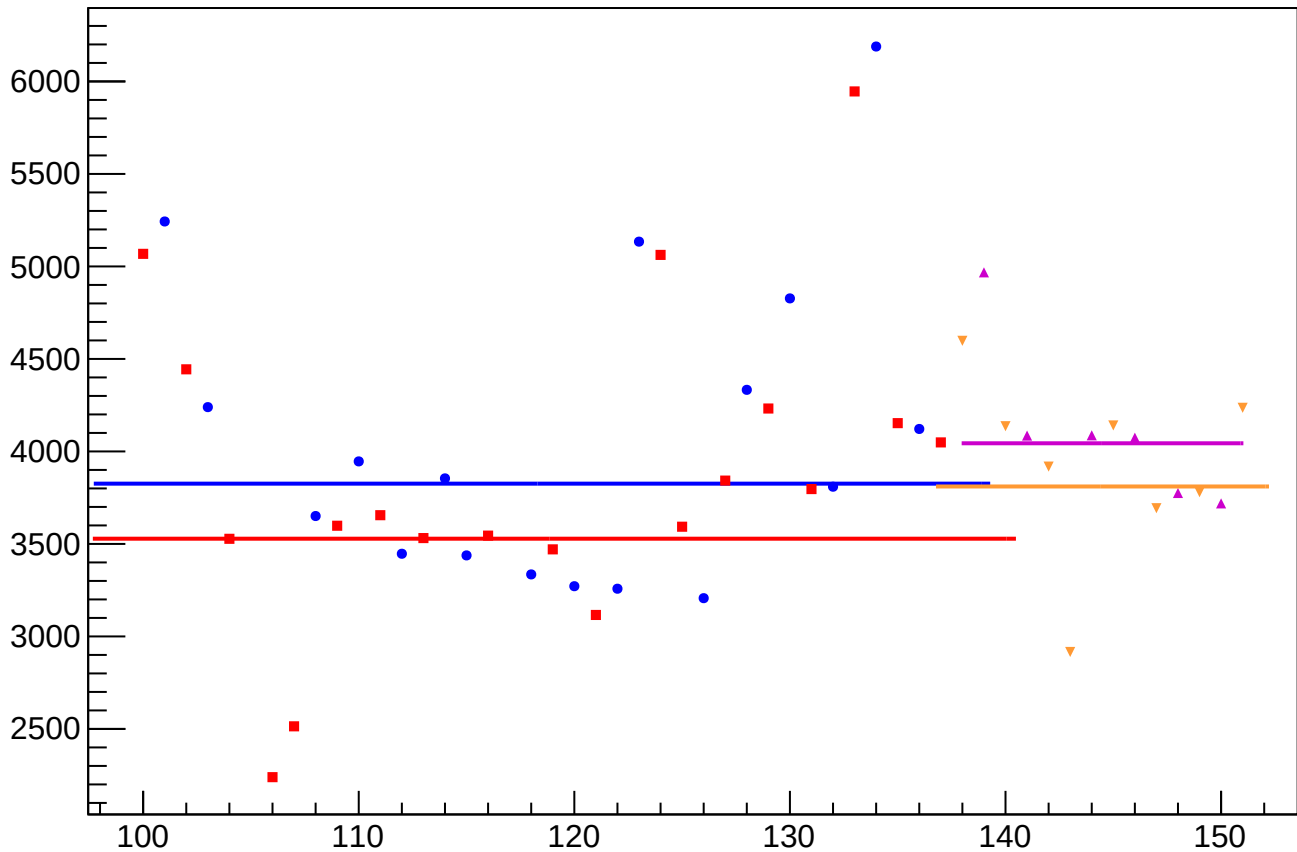
Left In: -163.594+/-1821.246 χ^2/NDF : 3.3/5

+ sign 386.807+/-1095.972 χ^2/NDF : 25.8/24

All: 447.590+/-776.163 χ^2/NDF : 43.4/49

- sign 508.748+/-1099.357 χ^2/NDF : 17.6/24

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3810.543+/-1.136 χ^2/NDF : 204688.1/7

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

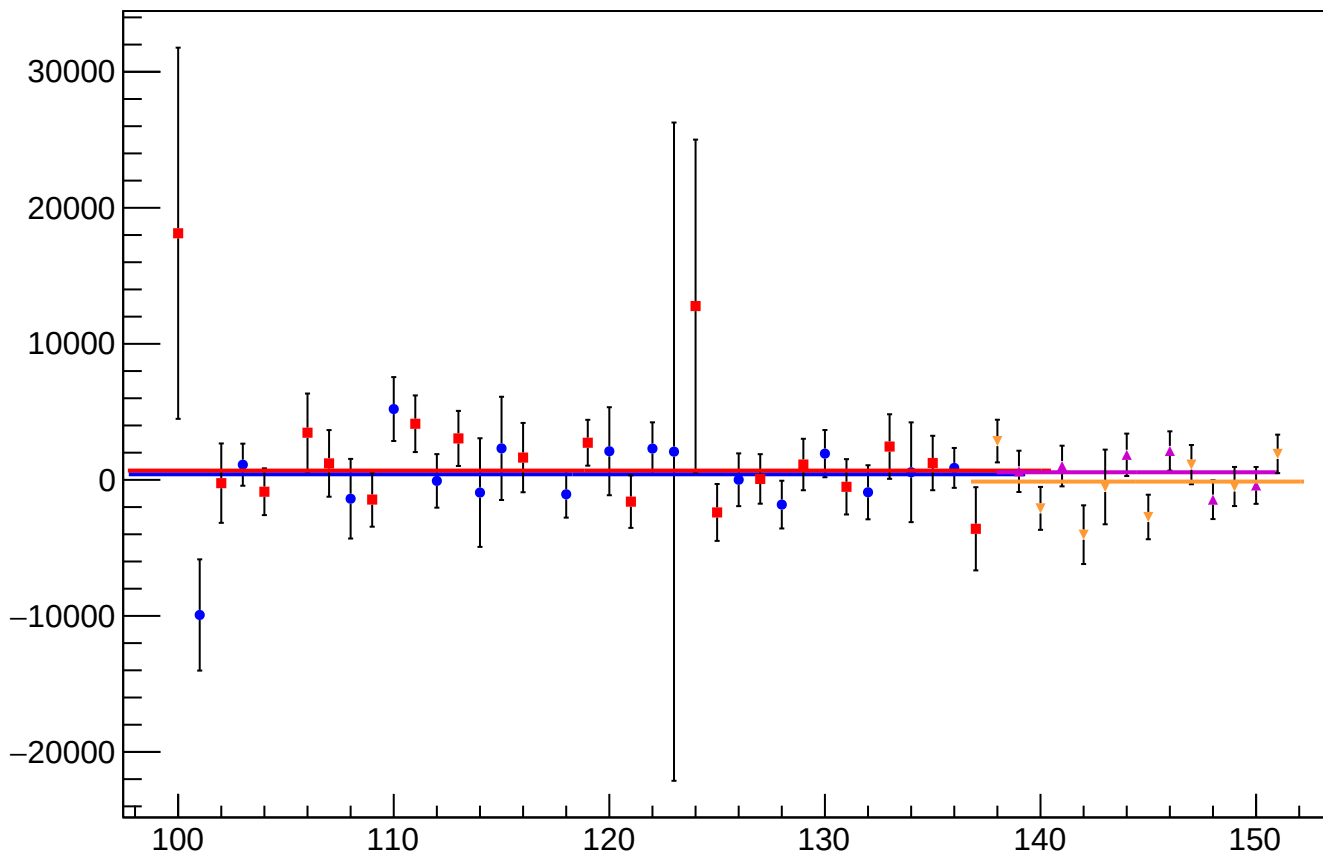
Left In: 4044.072+/-1.288 χ^2/NDF : 76828.7/5

+ sign 3818.721+/-0.775 χ^2/NDF : 539189.4/24

All: 3766.242+/-0.547 χ^2/NDF : 1283216.4/49

- sign 3714.048+/-0.773 χ^2/NDF : 734880.3/24

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 411.419 ± 527.980 χ^2/NDF : 16.5/16

Left Out: -125.242 ± 578.027 χ^2/NDF : 13.9/7

Right Out: 682.176 ± 510.196 χ^2/NDF : 18.0/18

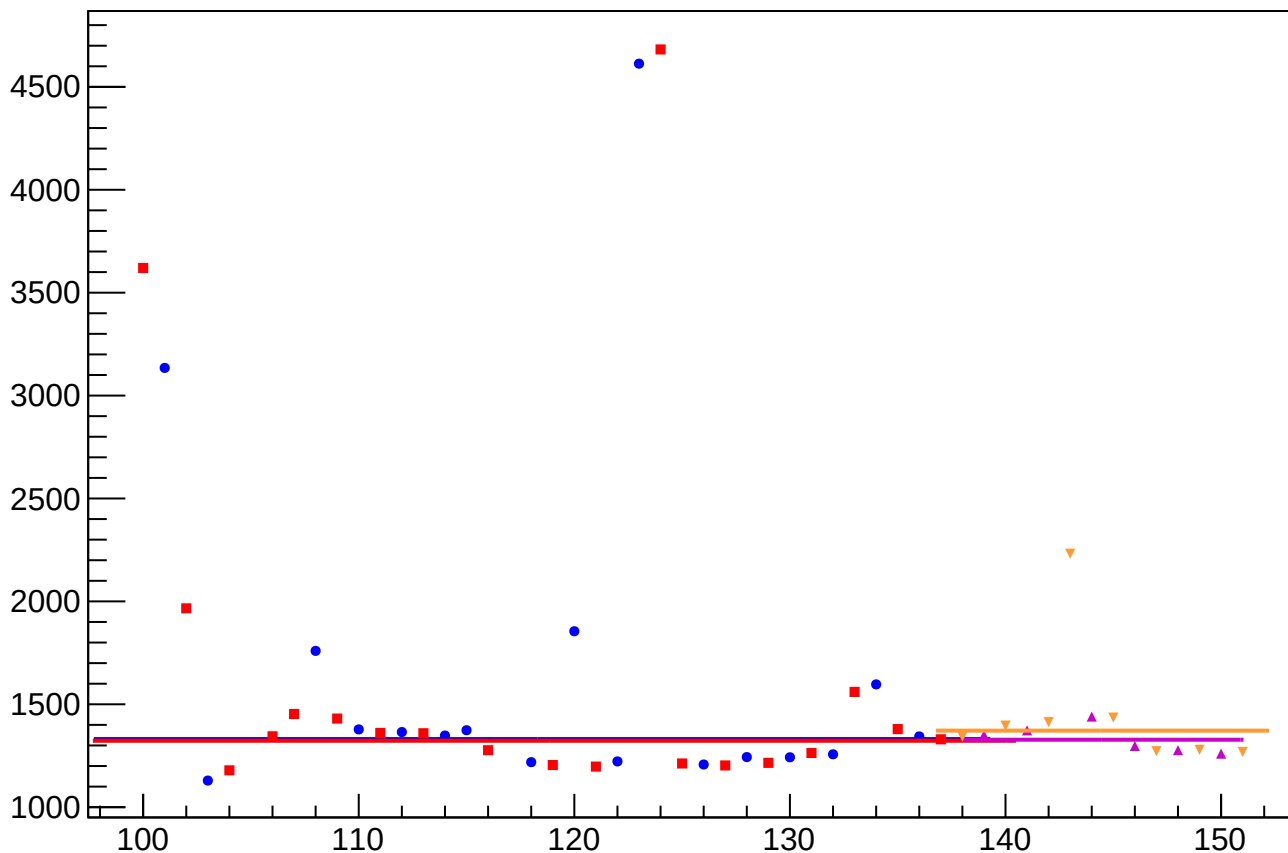
Left In: 558.885 ± 596.693 χ^2/NDF : 4.4/5

+ sign 167.323 ± 389.833 χ^2/NDF : 30.9/24

All: 399.941 ± 274.922 χ^2/NDF : 54.1/49

- sign 630.107 ± 387.772 χ^2/NDF : 22.5/24

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1371.792 $\pm$ 0.409 χ^2 /NDF: 229796.4/7

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

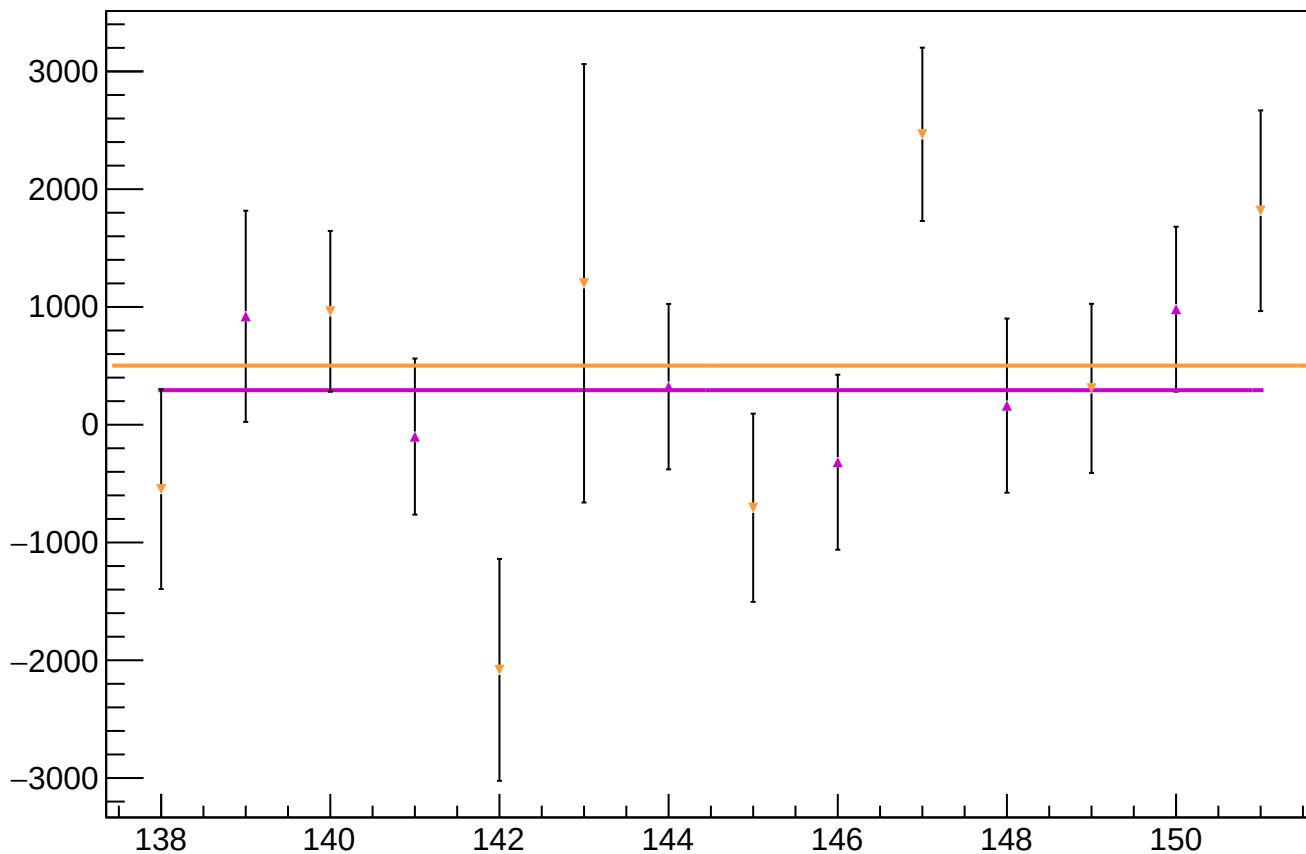
Left In: 1327.858 $\pm$ 0.422 χ^2 /NDF: 21111.6/5

+ sign 1349.494 $\pm$ 0.276 χ^2 /NDF: 838730.5/24

All: 1337.122 $\pm$ 0.194 χ^2 /NDF: 1258349.1/49

- sign 1324.881 $\pm$ 0.274 χ^2 /NDF: 415611.3/24

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 501.631+/-292.572 χ^2/NDF : 21.5/7

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

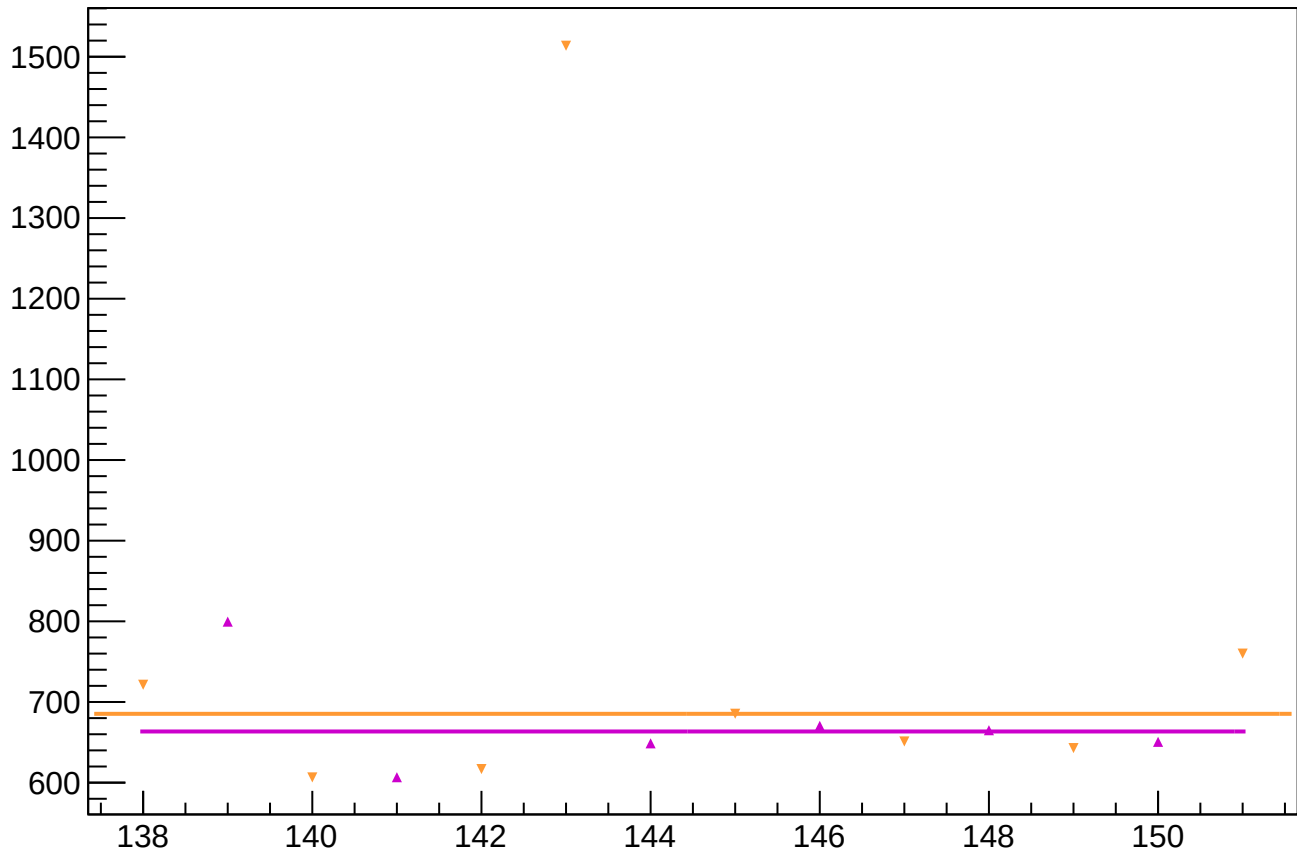
Left In: 293.199+/-298.426 χ^2/NDF : 2.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.479+/-208.919 χ^2/NDF : 24.3/13

- 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: 685.327+/-0.207 χ^2/NDF : 463533.3/7

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

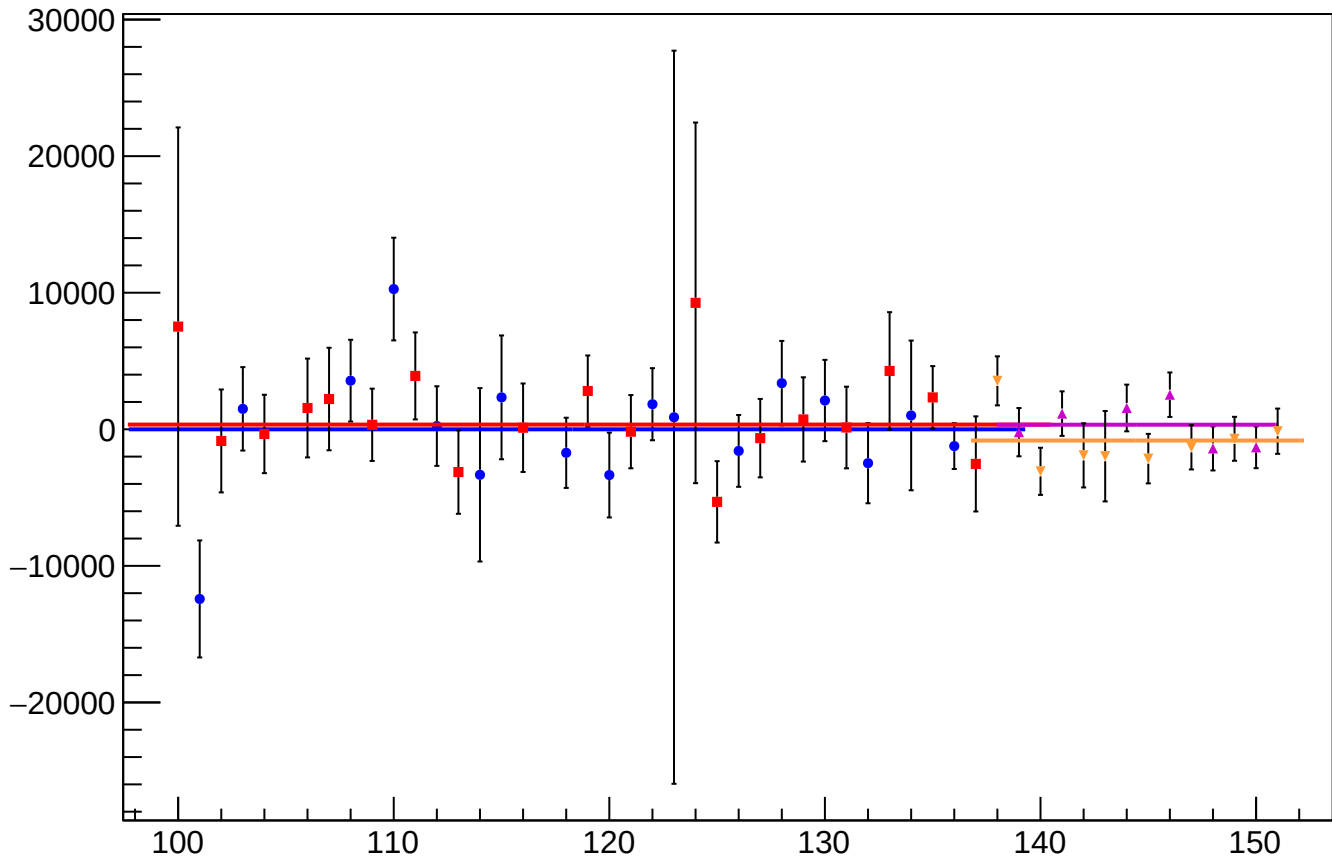
Left In: 663.432+/-0.211 χ^2/NDF : 62520.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.596+/-0.148 χ^2/NDF : 531542.6/13

- 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: -820.725 ± 651.976 χ^2/NDF : 8.8/7

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

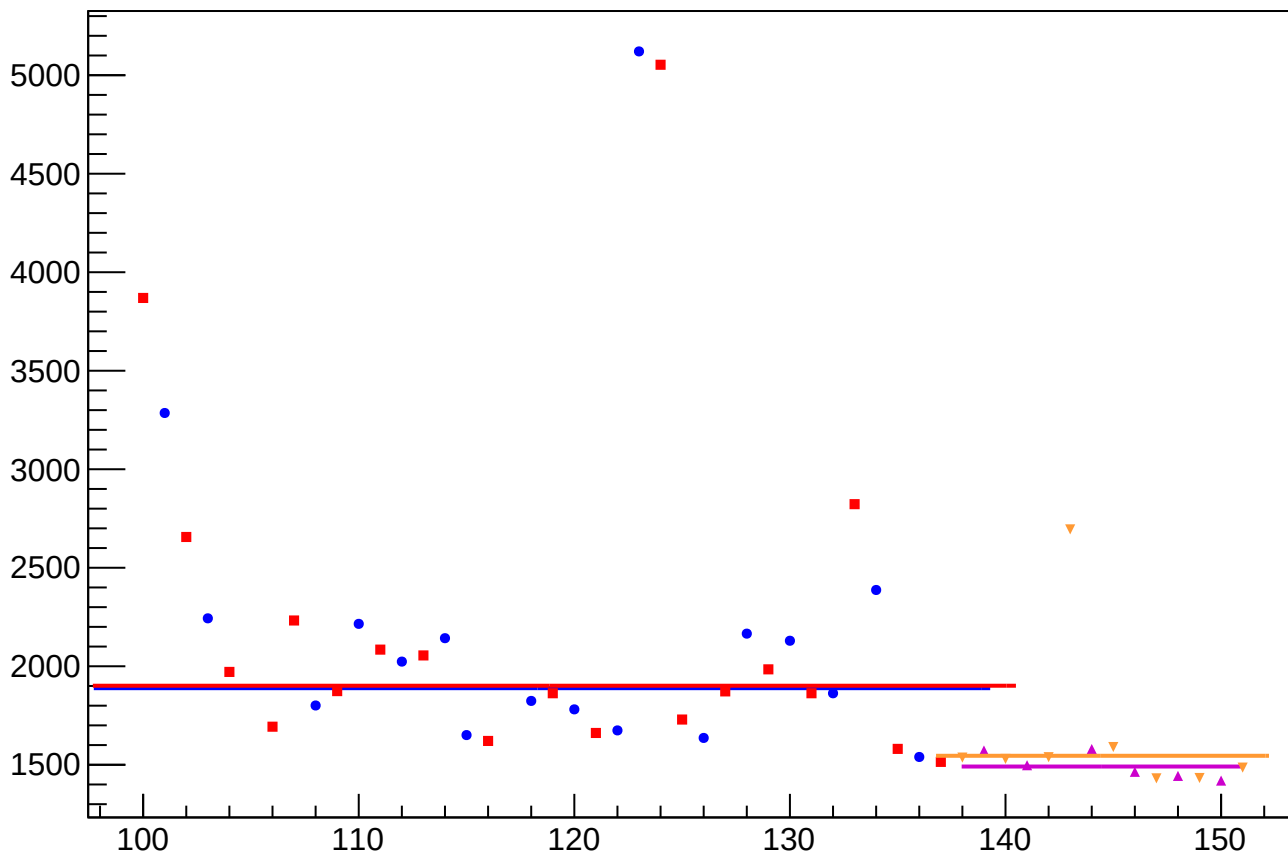
Left In: 335.769 ± 669.631 χ^2/NDF : 5.0/5

+ sign -465.762 ± 490.646 χ^2/NDF : 33.0/24

All: -66.107 ± 348.332 χ^2/NDF : 50.0/49

- sign 340.031 ± 494.610 χ^2/NDF : 15.7/24

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1545.660+/-0.461 χ^2/NDF : 264702.4/7

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

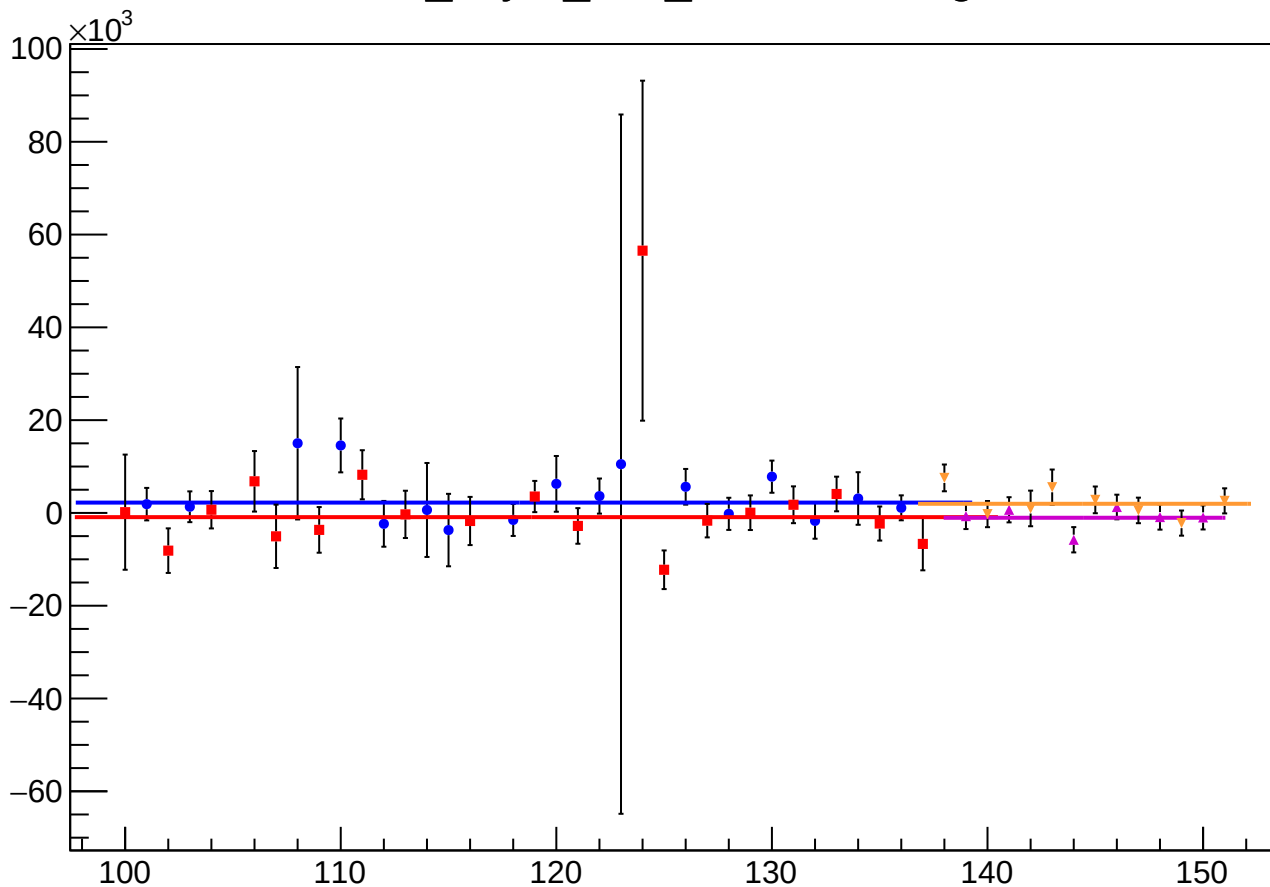
Left In: 1491.128+/-0.474 χ^2/NDF : 16350.4/5

+ sign 1694.473+/-0.347 χ^2/NDF : 970810.5/24

All: 1686.055+/-0.246 χ^2/NDF : 1790690.1/49

- sign 1677.500+/-0.350 χ^2/NDF : 818692.5/24

dit_asym_atl1_mean vs Slug



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

Left Out: 1970.855 $\pm$ 1049.500 χ^2 /NDF: 8.1/7

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

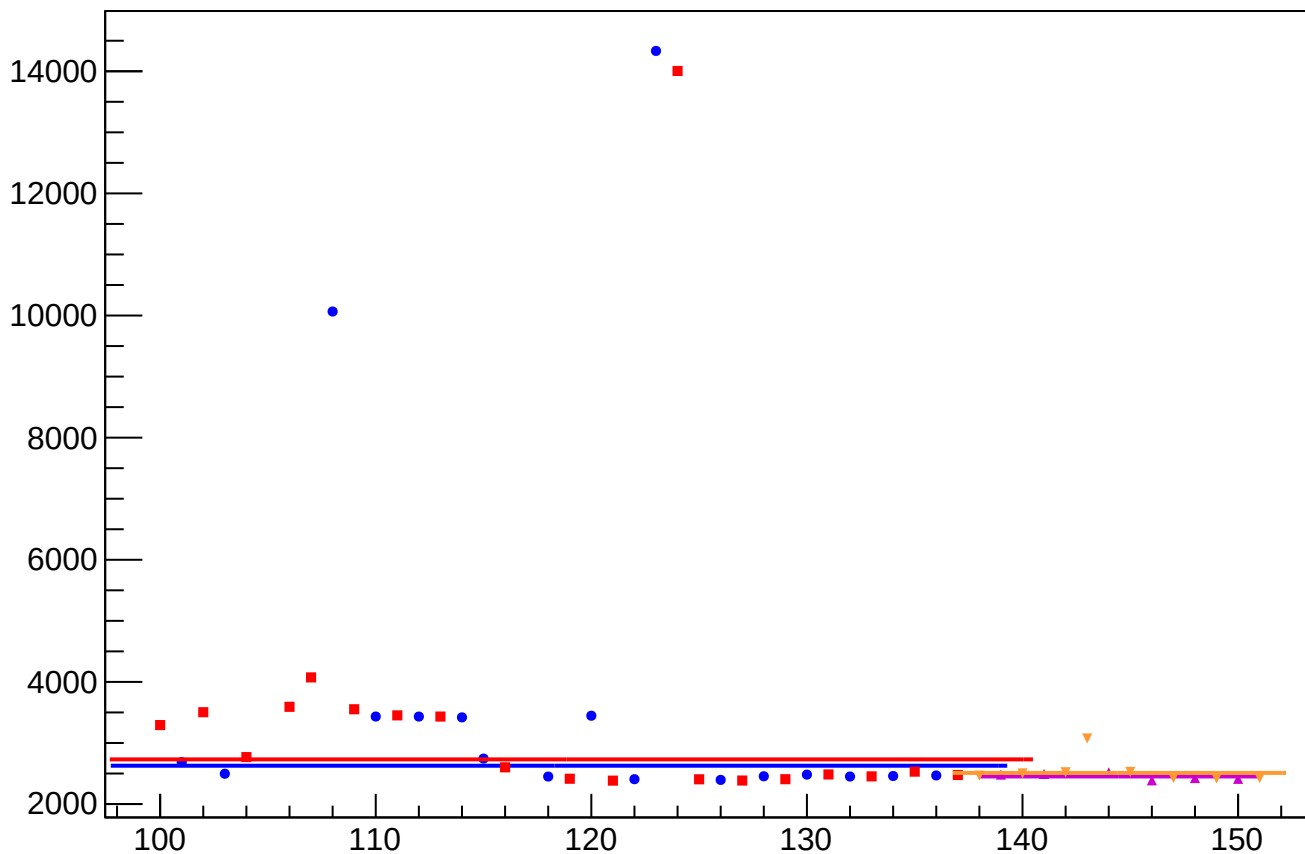
Left In: -1040.261 $\pm$ 1100.635 χ^2 /NDF: 4.2/5

+ sign 2100.441 $\pm$ 738.471 χ^2 /NDF: 21.7/24

All: 606.031 $\pm$ 529.133 χ^2 /NDF: 57.2/49

- sign -970.736 $\pm$ 758.547 χ^2 /NDF: 27.1/24

dit_asym_atl1_rms vs Slug



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

Left Out: 2509.623+/-0.742 χ^2/NDF : 50485.7/7

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

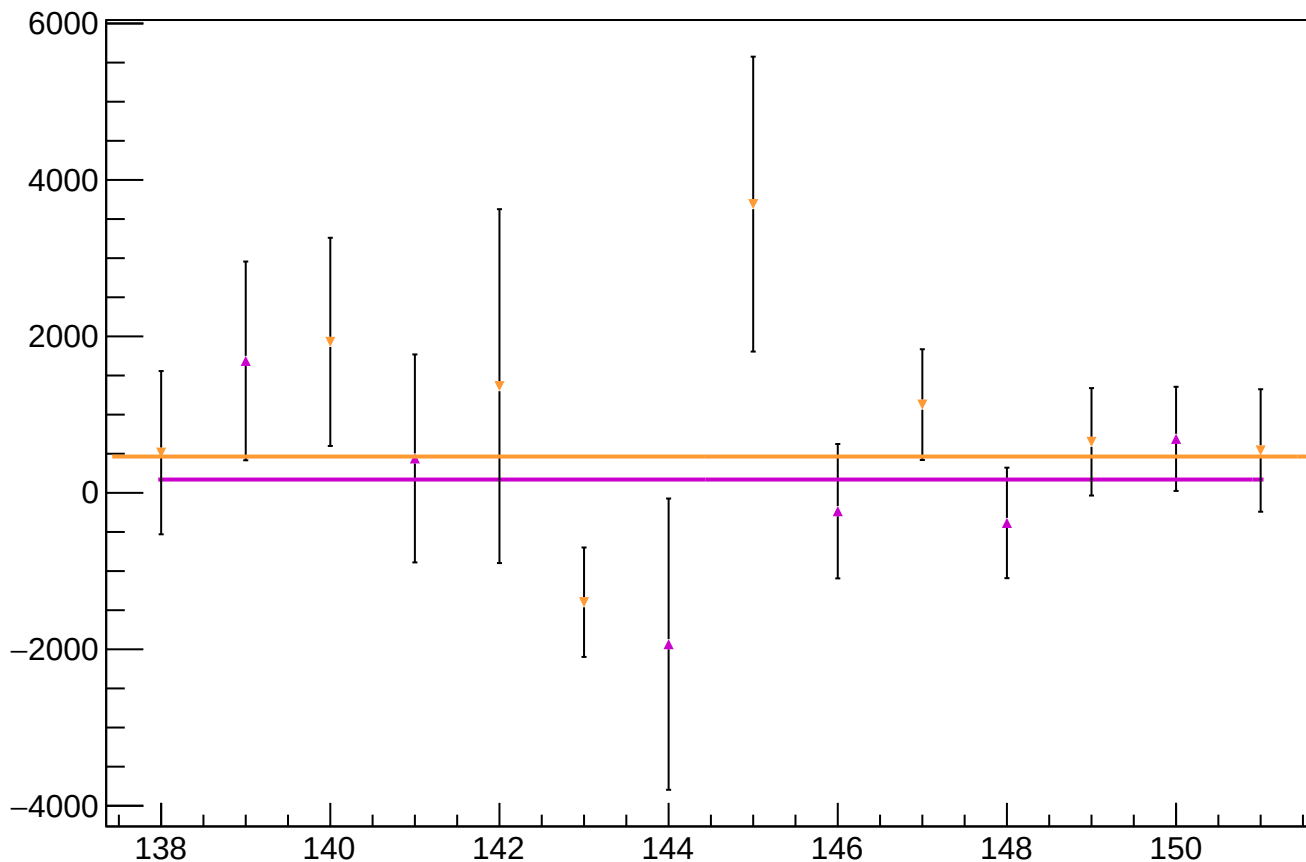
Left In: 2451.850+/-0.778 χ^2/NDF : 3672.0/5

+ sign 2569.173+/-0.522 χ^2/NDF : 707636.1/24

All: 2583.468+/-0.374 χ^2/NDF : 1378731.7/49

- sign 2598.550+/-0.536 χ^2/NDF : 669555.4/24

asym_atl1_correction_mean vs Slug



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

Left Out: 464.314+/-320.226 χ^2/NDF :12.4/7

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

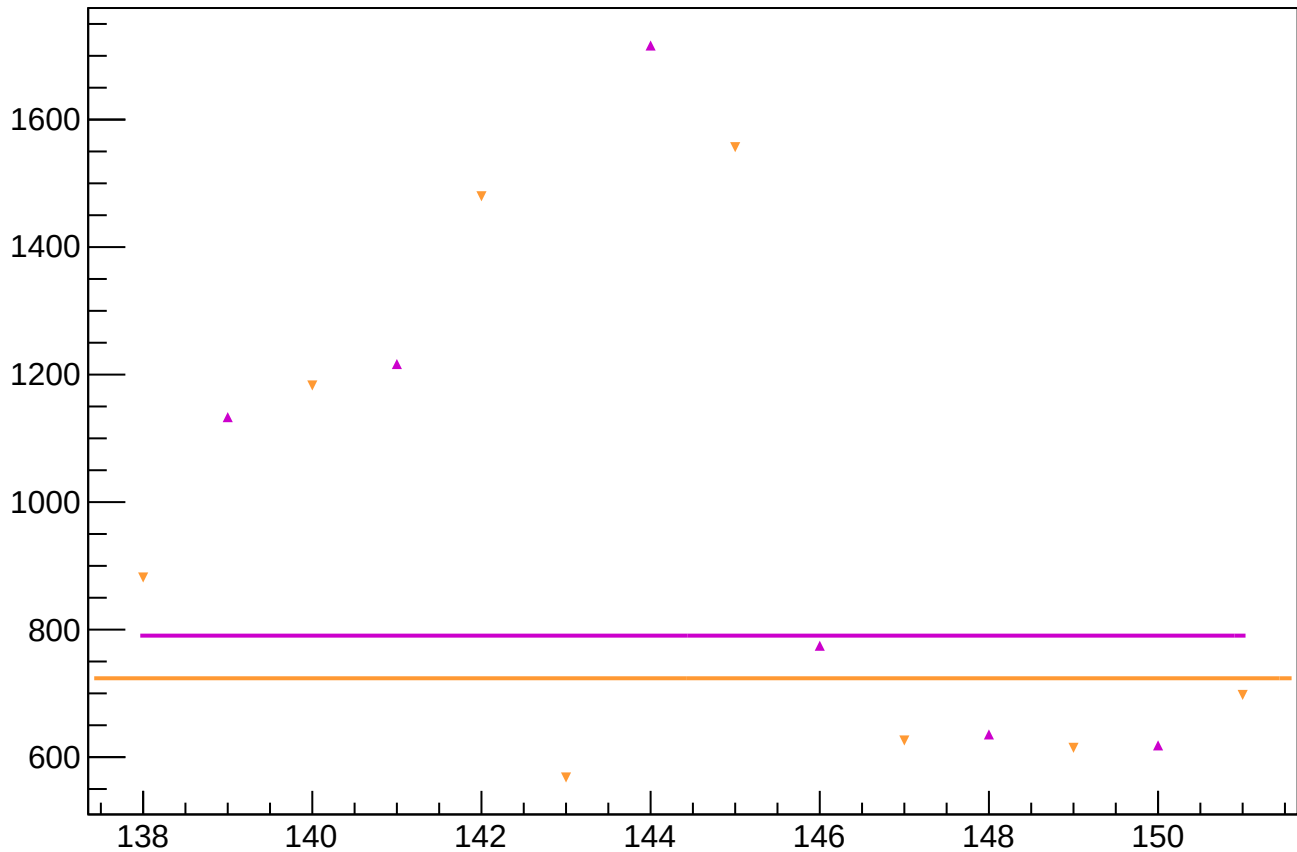
Left In: 170.097+/-375.530 χ^2/NDF :4.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.446+/-243.664 χ^2/NDF : 16.9/13

- 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: 723.690+/-0.226 χ^2/NDF :1087907.4/7

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

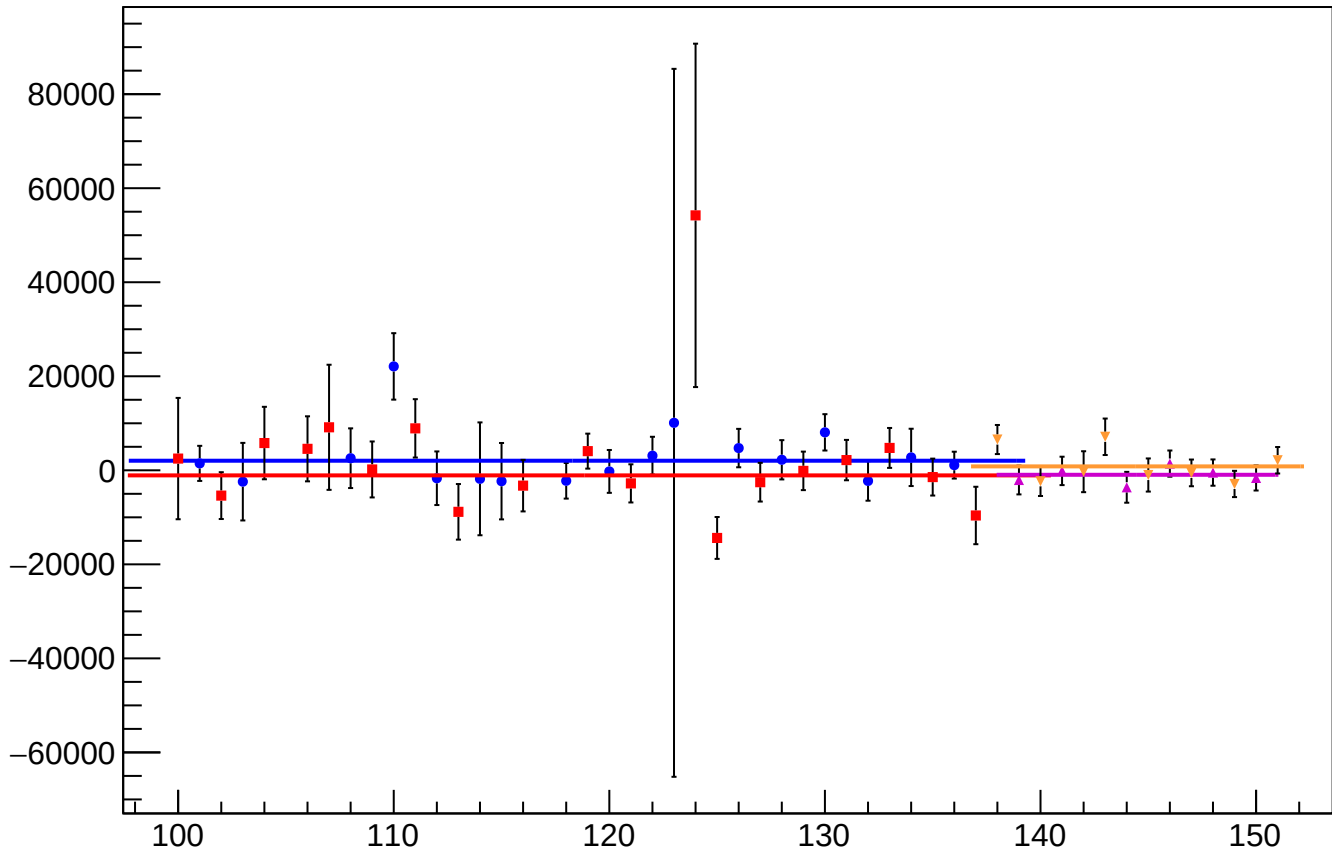
Left In: 790.569+/-0.266 χ^2/NDF :1076113.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 751.847+/-0.172 χ^2/NDF : 2200748.7/13

- 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: 832.637+/-1128.993 χ^2/NDF : 9.7/7

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

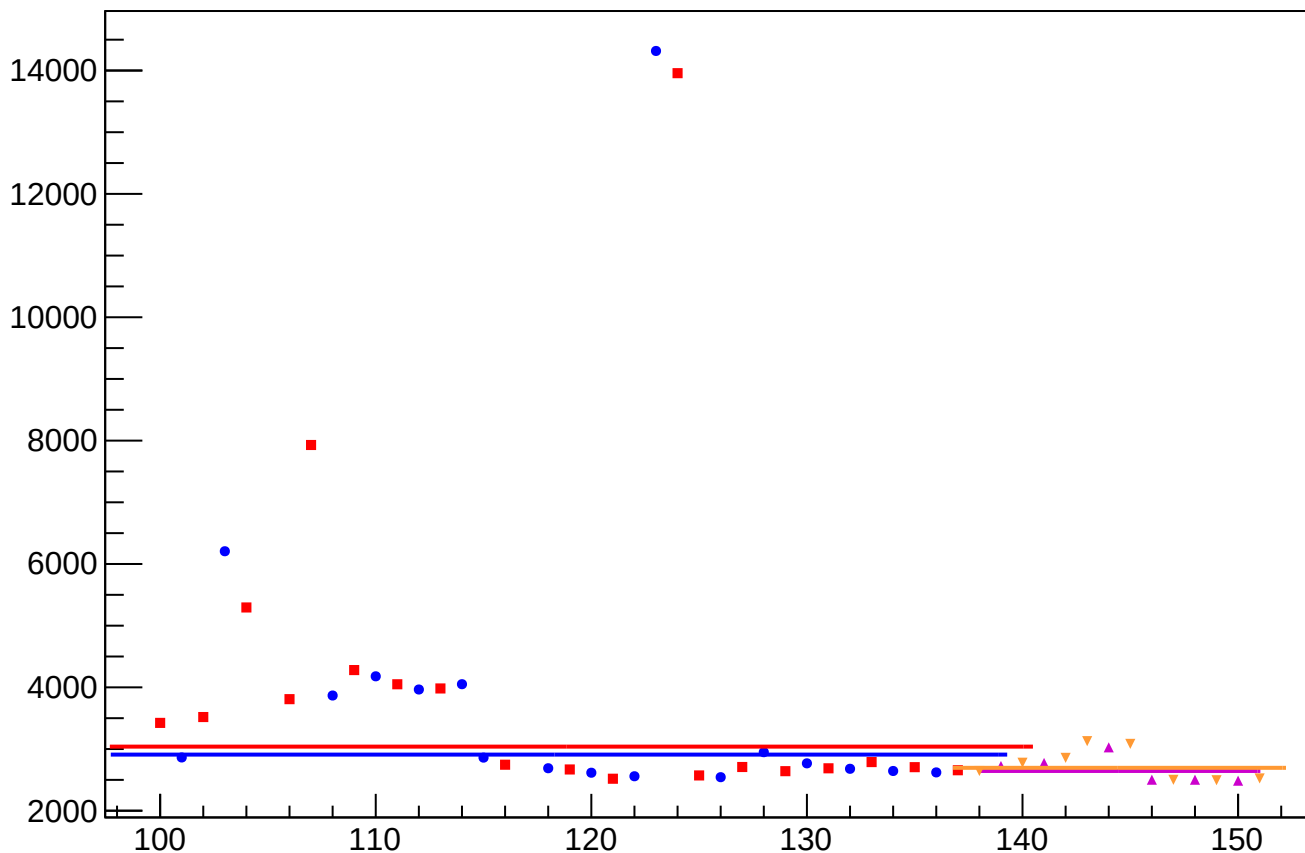
Left In: -954.486+/-1190.190 χ^2/NDF : 1.7/5

+ sign 1423.369+/-806.130 χ^2/NDF : 25.0/24

All: 253.636+/-581.739 χ^2/NDF : 56.5/49

- sign -1017.492+/-840.343 χ^2/NDF : 27.0/24

asym_atl1_rms vs Slug



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

Left Out: 2695.301+/-0.798 χ^2/NDF : 81001.7/7

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

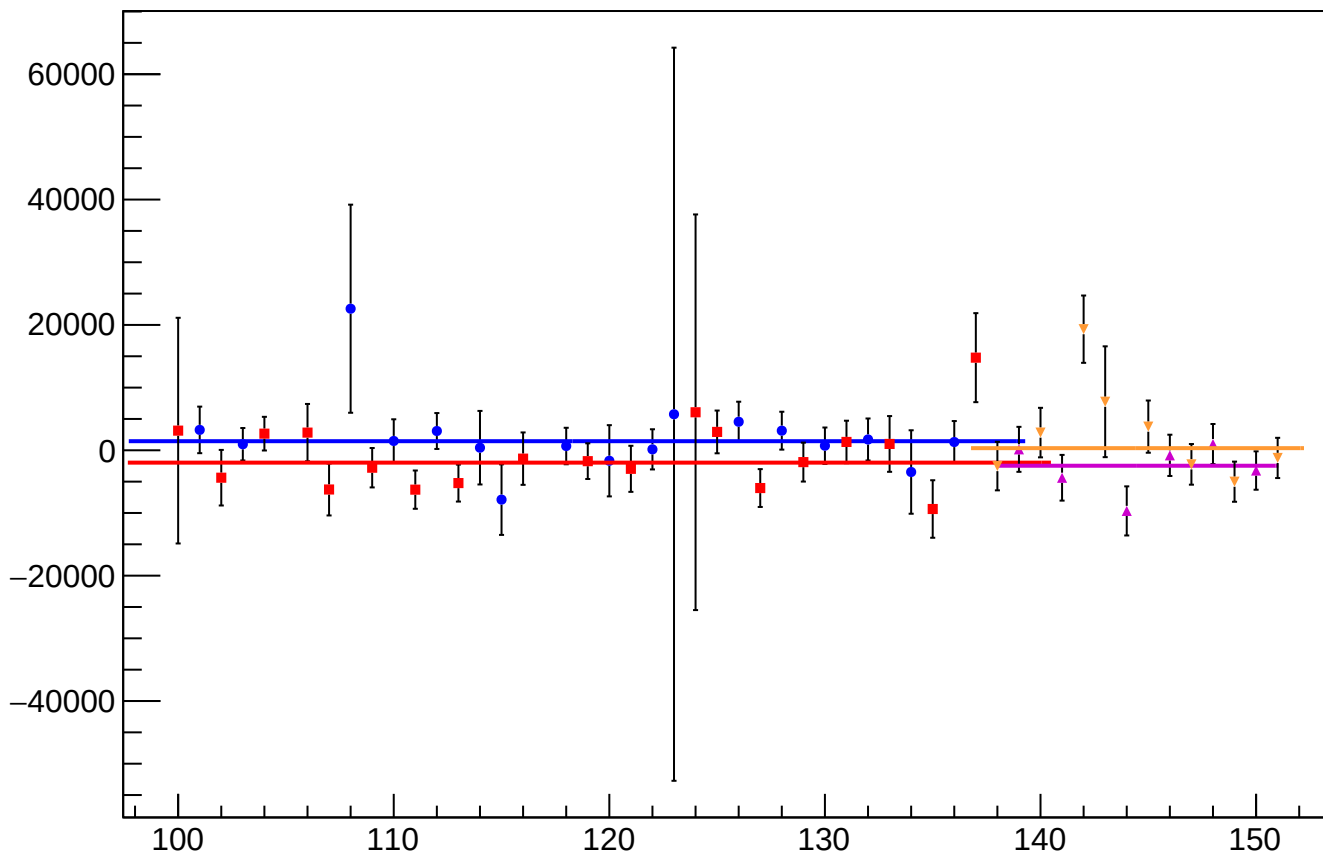
Left In: 2644.466+/-0.842 χ^2/NDF : 49632.5/5

+ sign 2800.408+/-0.570 χ^2/NDF : 758261.1/24

All: 2820.521+/-0.411 χ^2/NDF : 1932074.2/49

- sign 2842.377+/-0.594 χ^2/NDF : 1171215.3/24

dit_asym_atl2_mean vs Slug



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

Left Out: 341.222 $\pm$ 1379.402 χ^2 /NDF: 18.5/7

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

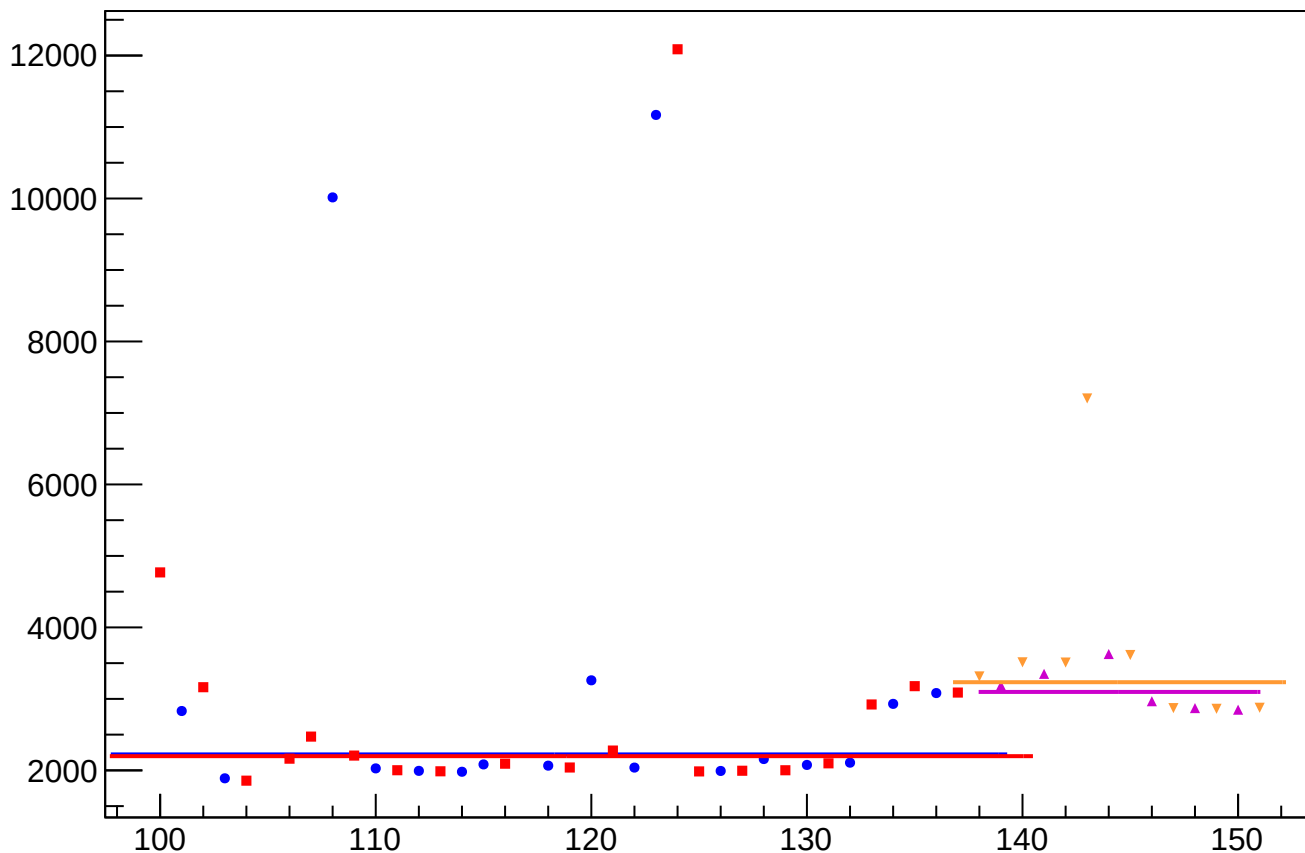
Left In: -2464.455 $\pm$ 1393.858 χ^2 /NDF: 5.7/5

+ sign 1126.007 $\pm$ 747.260 χ^2 /NDF: 26.3/24

All: -535.339 $\pm$ 520.718 χ^2 /NDF: 64.1/49

- sign -2103.549 $\pm$ 726.012 χ^2 /NDF: 28.2/24

dit_asym_atl2_rms vs Slug



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

Left Out: 3233.487+/-0.975 χ^2/NDF : 512732.8/7

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

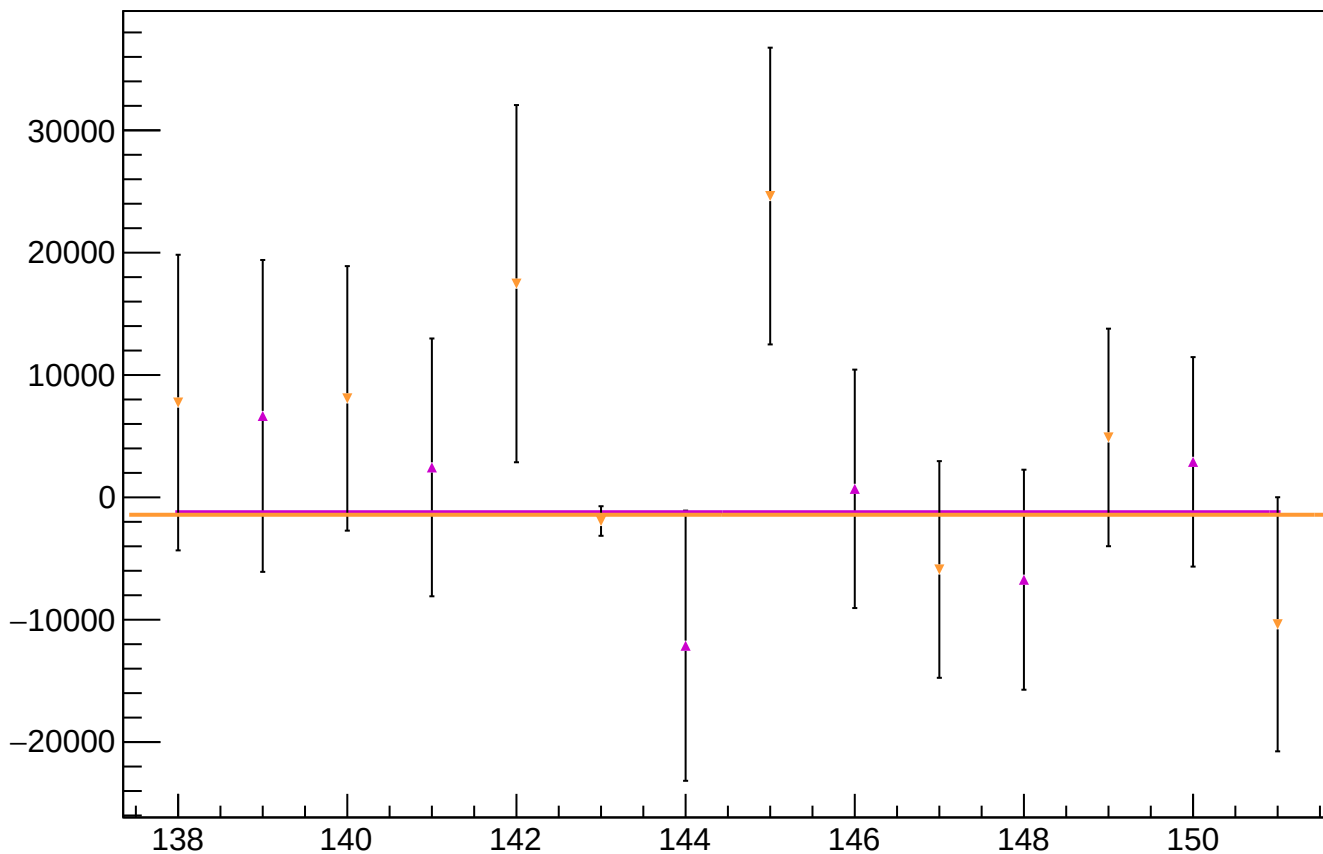
Left In: 3097.311+/-0.986 χ^2/NDF : 73784.8/5

+ sign 2519.639+/-0.528 χ^2/NDF : 2121125.3/24

All: 2479.823+/-0.368 χ^2/NDF : 3414255.8/49

- sign 2442.280+/-0.513 χ^2/NDF : 1282098.6/24

asym_atl2_correction_mean vs Slug



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

Left Out: -1421.194+/-1157.717 χ^2/NDF : 9.3/7

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

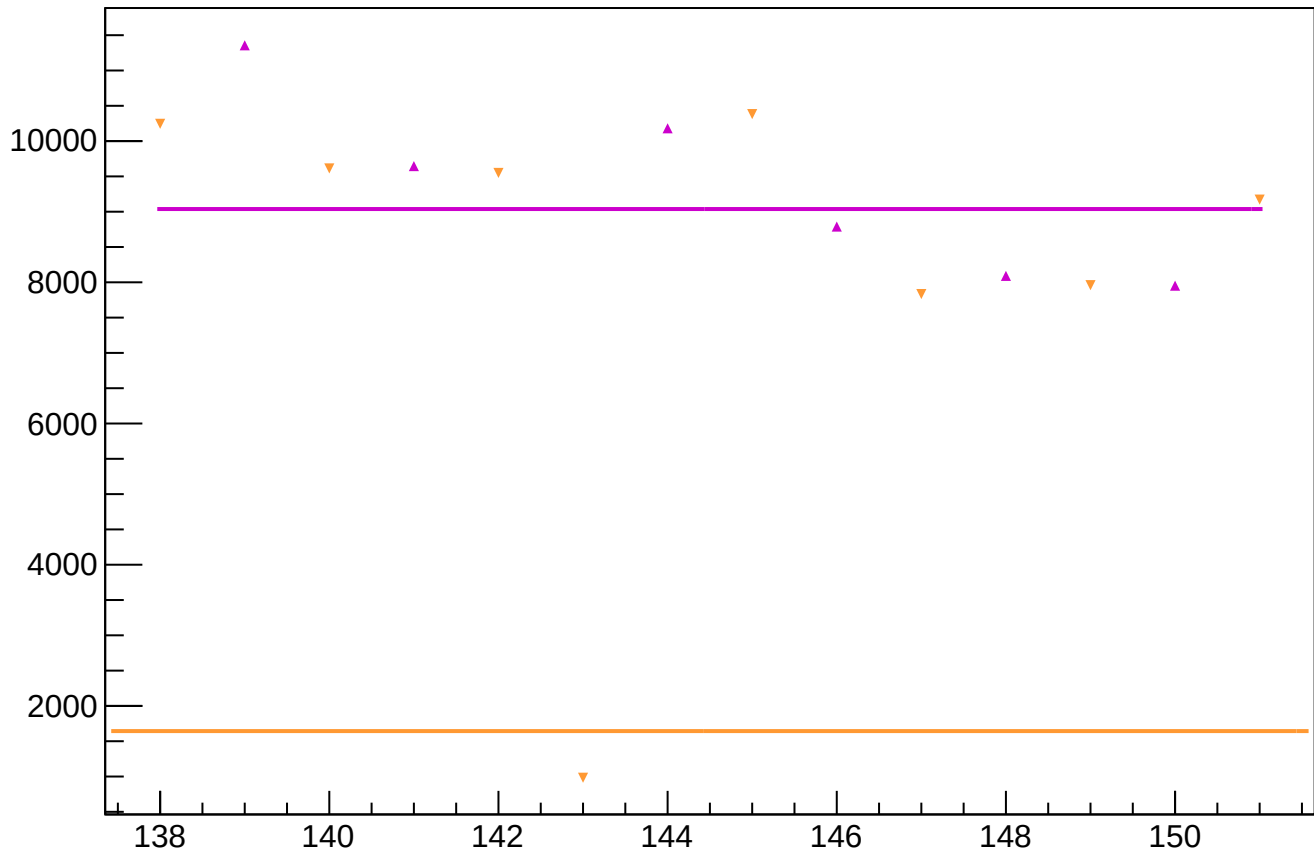
Left In: -1213.583+/-4085.395 χ^2/NDF : 2.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1405.762+/-1113.857 χ^2/NDF : 11.4/13

- 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: 1643.585+/-0.819 χ^2/NDF : 7361244.4/7

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

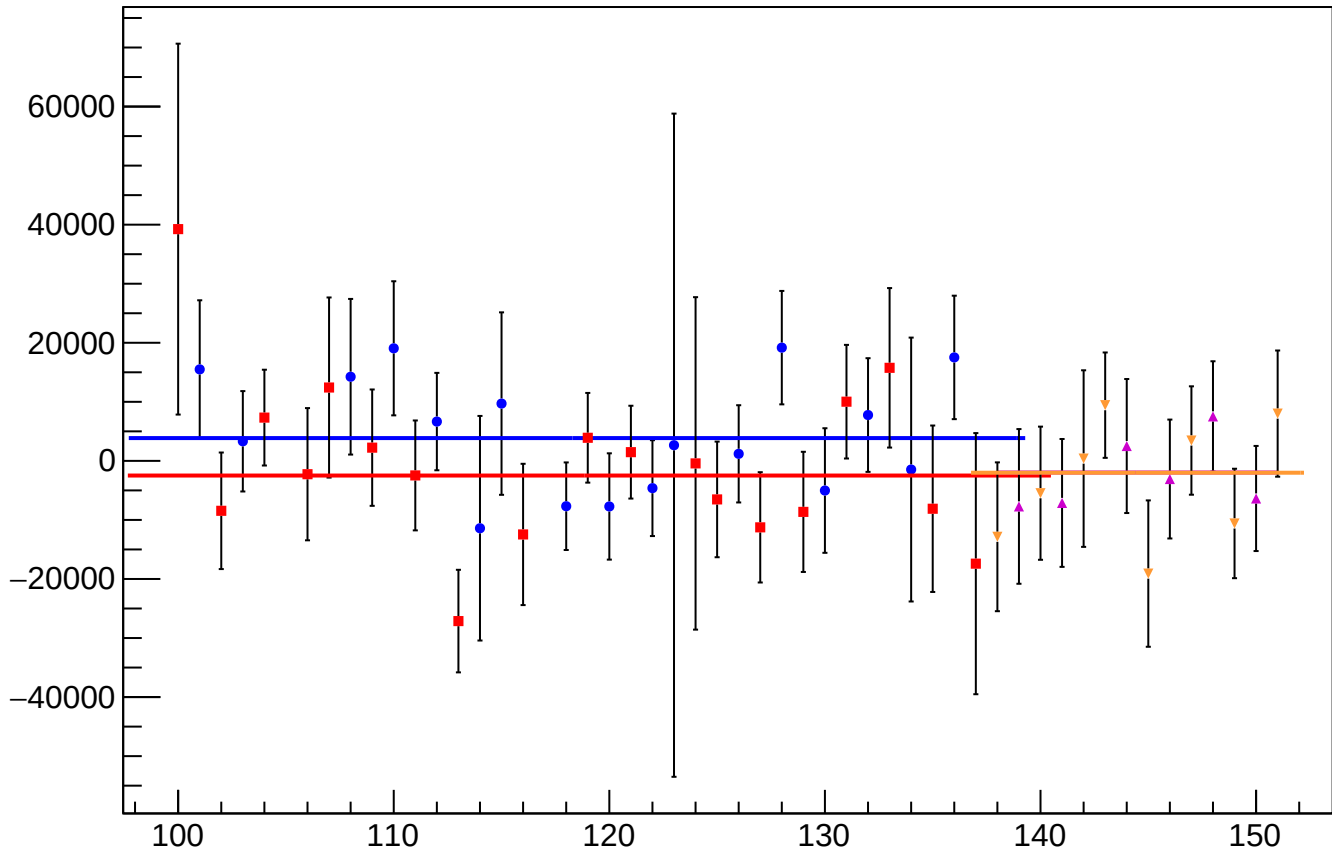
Left In: 9037.816+/-2.889 χ^2/NDF : 149957.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.232+/-0.788 χ^2/NDF : 13575798.5/1

- 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: -2005.973+/-3780.005 χ^2/NDF : 6.5/7

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

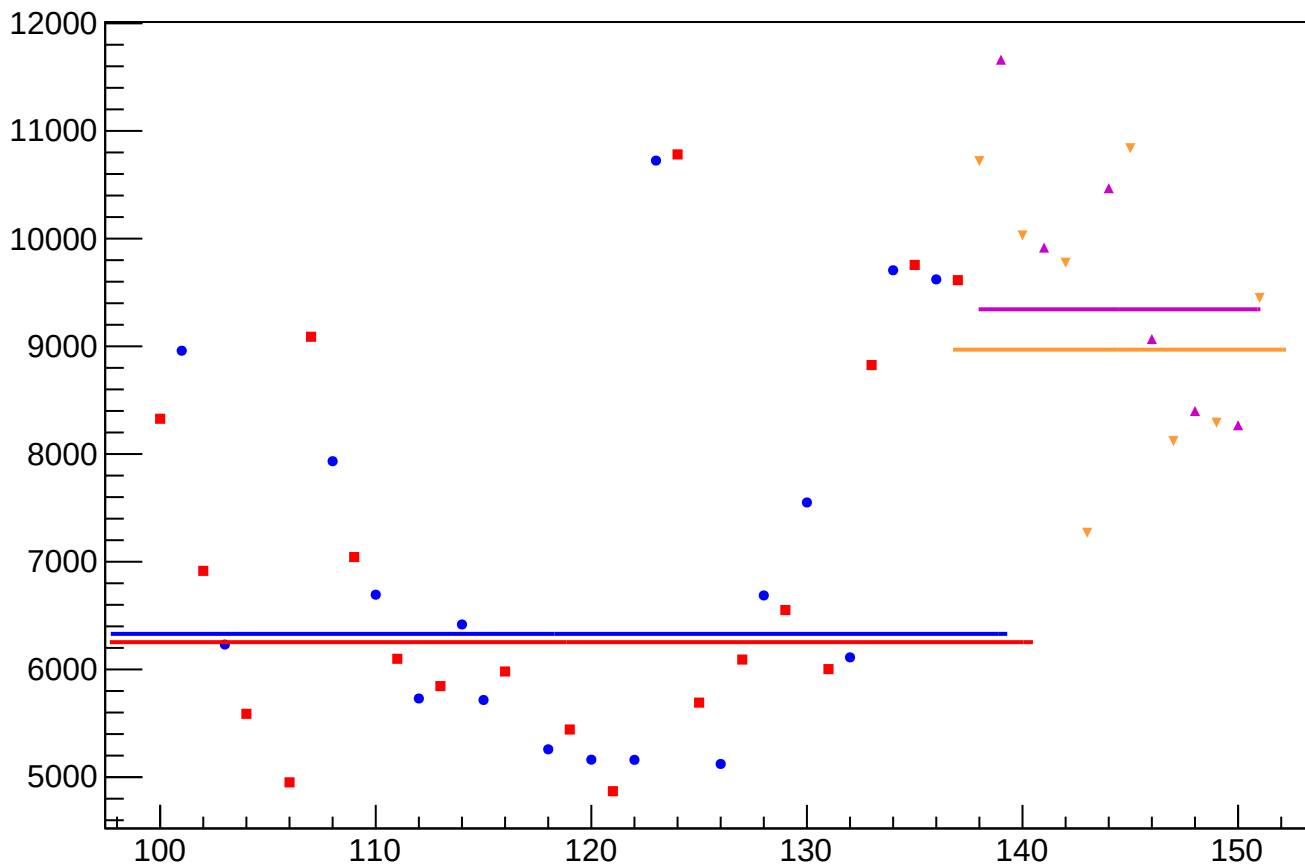
Left In: -1971.767+/-4222.561 χ^2/NDF : 1.9/5

+ sign 2066.126+/-2090.293 χ^2/NDF : 22.9/24

All: -134.407+/-1481.649 χ^2/NDF : 47.1/49

- sign -2356.439+/-2100.479 χ^2/NDF : 21.9/24

asym_atl2_rms vs Slug



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

Left Out: 8969.321 ± 2.673 χ^2/NDF : 212124.5/7

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

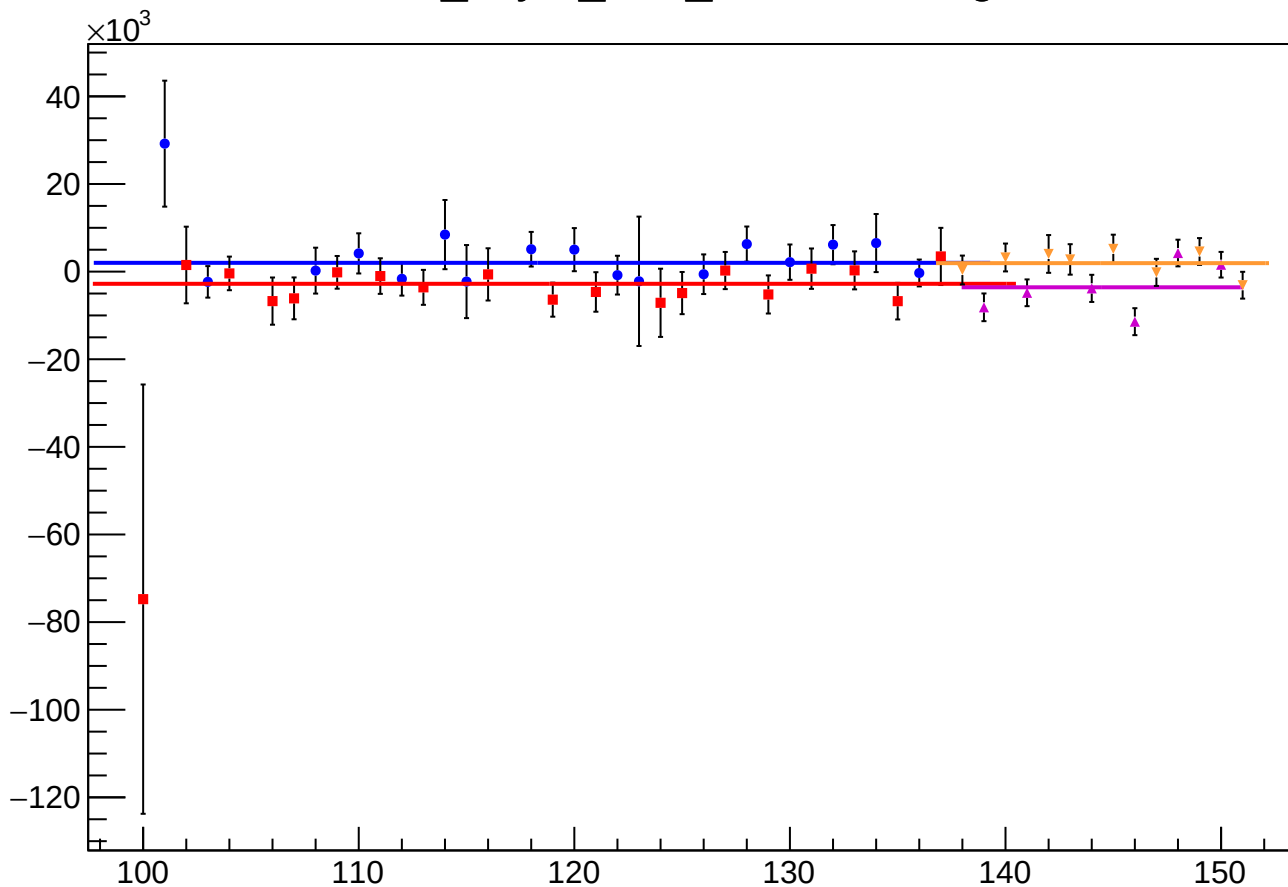
Left In: 9343.748 ± 2.986 χ^2/NDF : 139035.7/5

+ sign 7137.286 ± 1.478 χ^2/NDF : 1482262.4/24

All: 7077.930 ± 1.048 χ^2/NDF : 2966123.8/49

- sign 7017.997 ± 1.485 χ^2/NDF : 1480620.4/24

dit_asym_atr1_mean vs Slug



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

Left Out: 1934.910 $\pm$ 1161.804 χ^2 /NDF: 5.6/7

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

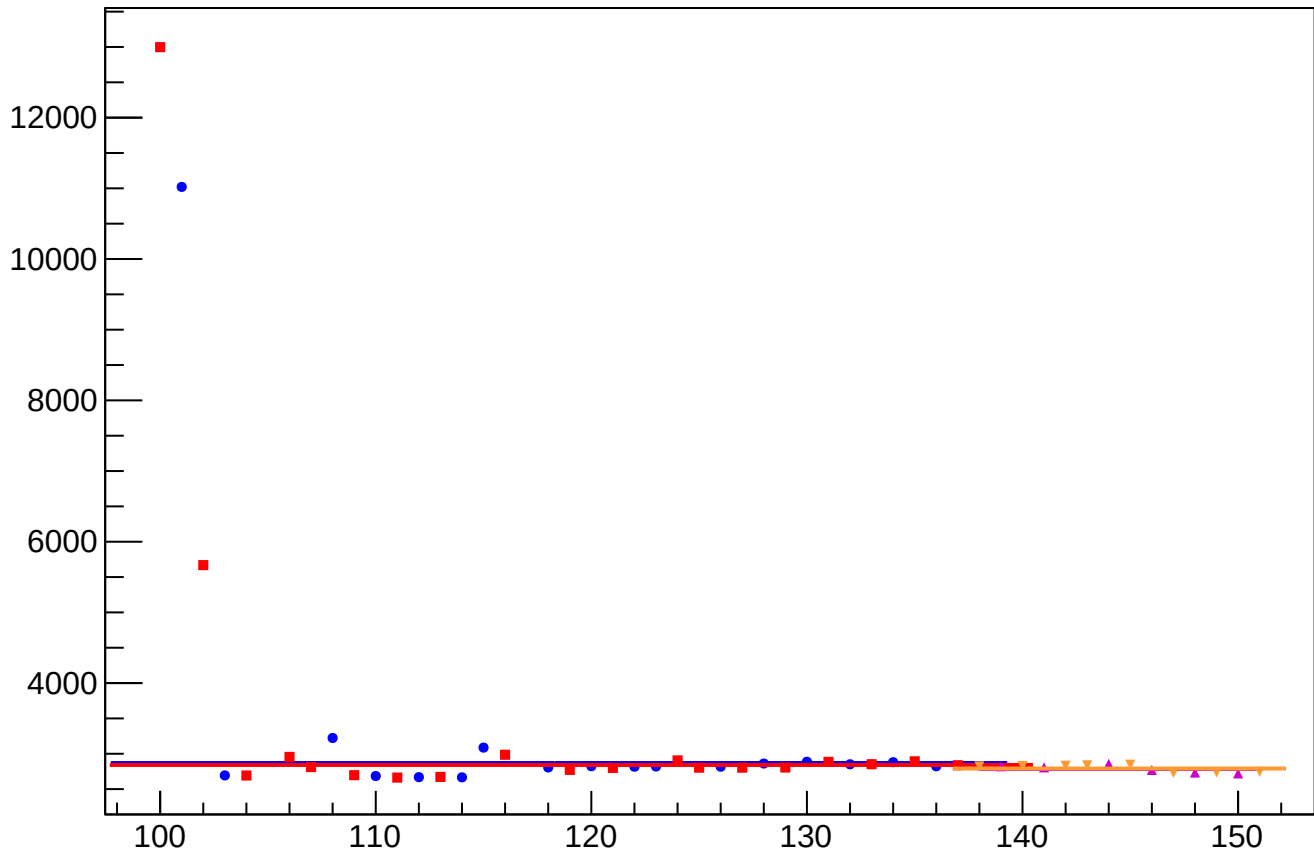
Left In: -3578.754 $\pm$ 1248.368 χ^2 /NDF: 18.5/5

+ sign 1970.992 $\pm$ 811.599 χ^2 /NDF: 17.7/24

All: -552.422 $\pm$ 576.633 χ^2 /NDF: 65.8/49

- sign -3124.718 $\pm$ 819.422 χ^2 /NDF: 28.6/24

dit_asym_atr1_rms vs Slug



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

Left Out: 2790.816 $\pm$ 0.822 χ^2 /NDF: 3449.1/7

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

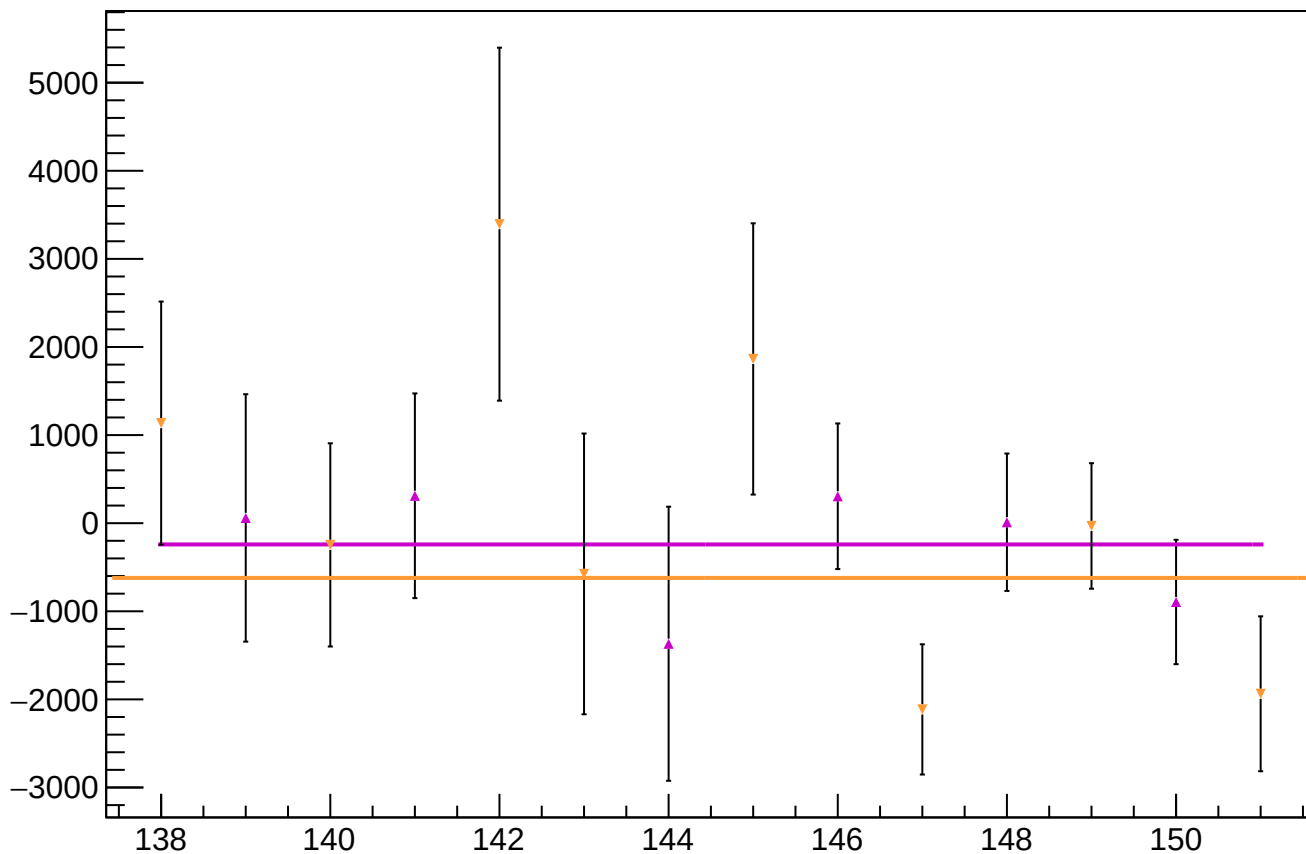
Left In: 2784.170 $\pm$ 0.883 χ^2 /NDF: 3024.6/5

+ sign 2830.947 $\pm$ 0.574 χ^2 /NDF: 678010.4/24

All: 2823.958 $\pm$ 0.408 χ^2 /NDF: 996263.2/49

- sign 2816.834 $\pm$ 0.579 χ^2 /NDF: 317953.3/24

asym_atr1_correction_mean vs Slug



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

Left Out: -621.214+/-366.716 χ^2/NDF :15.4/7

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

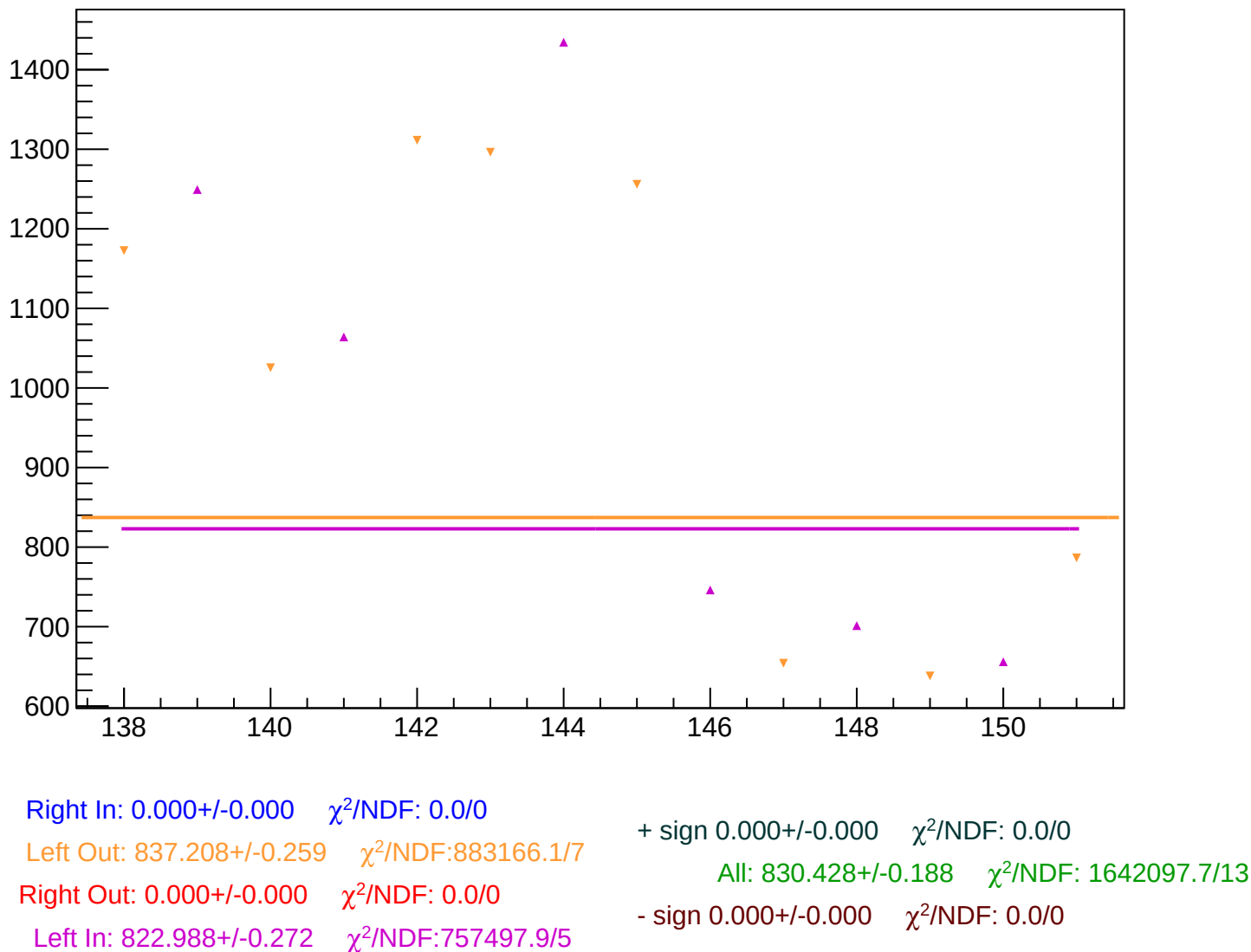
Left In: -241.131+/-384.174 χ^2/NDF :2.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

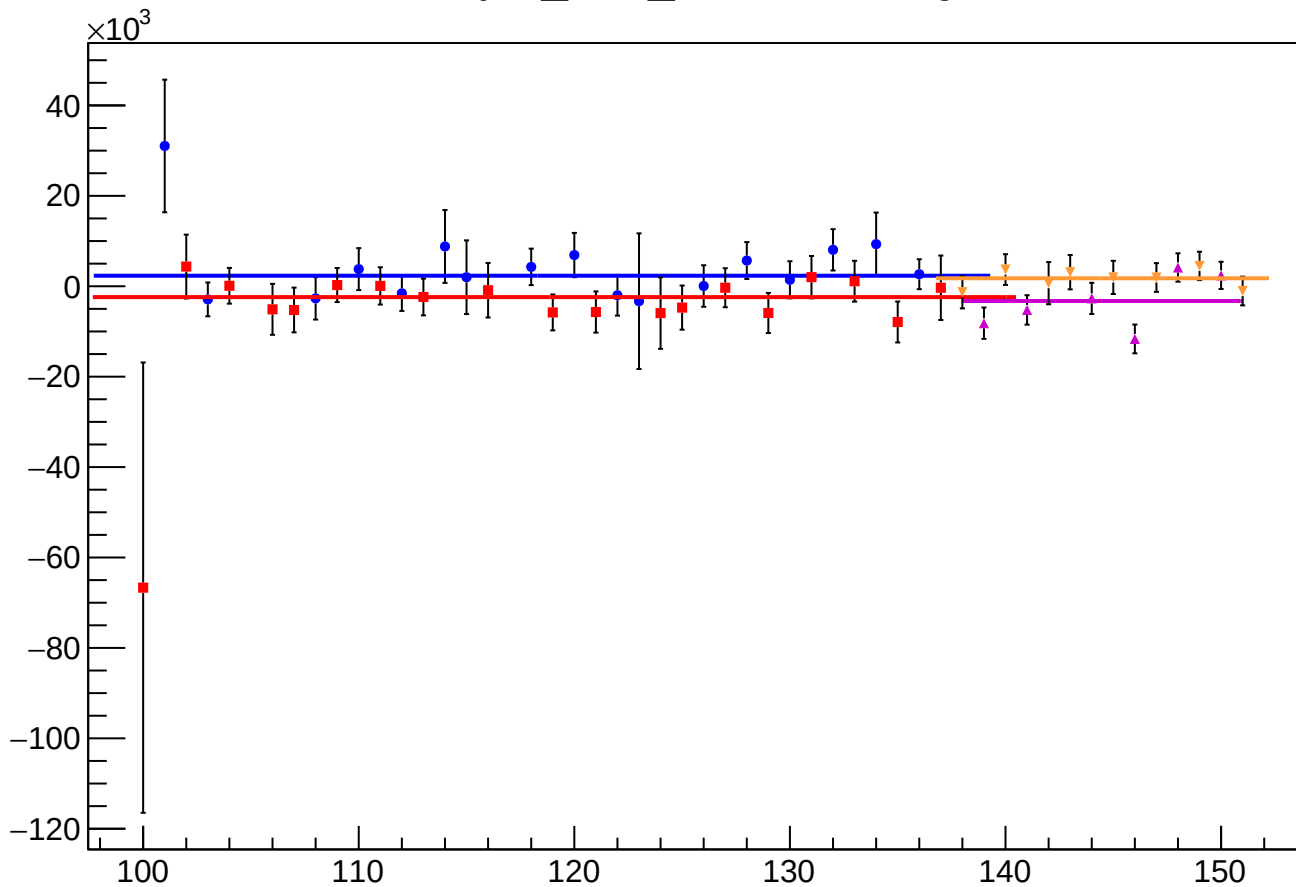
All: -440.004+/-265.265 χ^2/NDF : 18.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_correction_rms vs Slug



asym_atr1_mean vs Slug



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

Left Out: 1764.876+/-1237.358 χ^2/NDF : 2.8/7

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

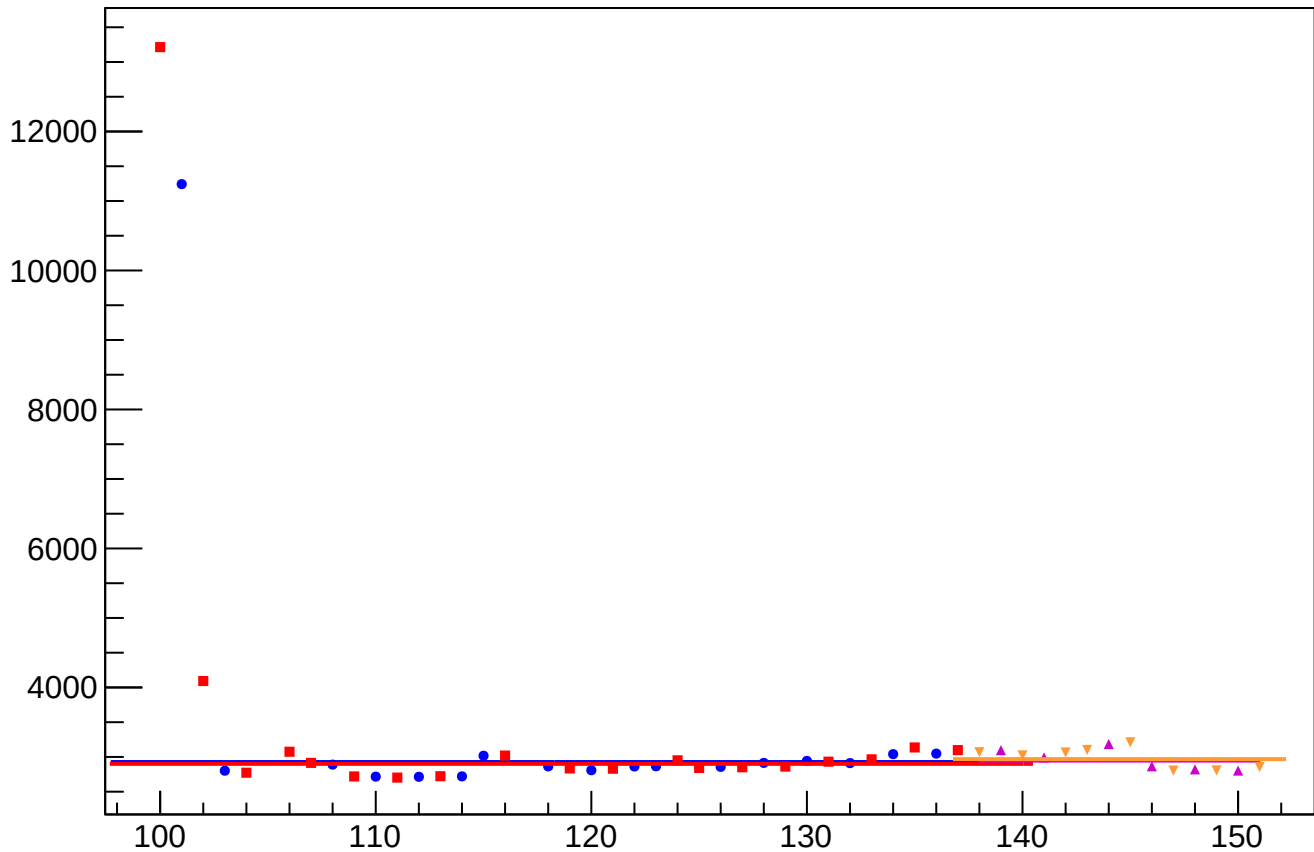
Left In: -3261.159+/-1323.125 χ^2/NDF : 18.4/5

+ sign 2066.563+/-844.930 χ^2/NDF : 17.3/24

All: -330.061+/-599.389 χ^2/NDF : 62.2/49

- sign -2757.958+/-850.425 χ^2/NDF : 28.8/24

asym_atr1_rms vs Slug



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

Left Out: 2968.363 $\pm$ 0.875 χ^2 /NDF: 27380.3/7

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

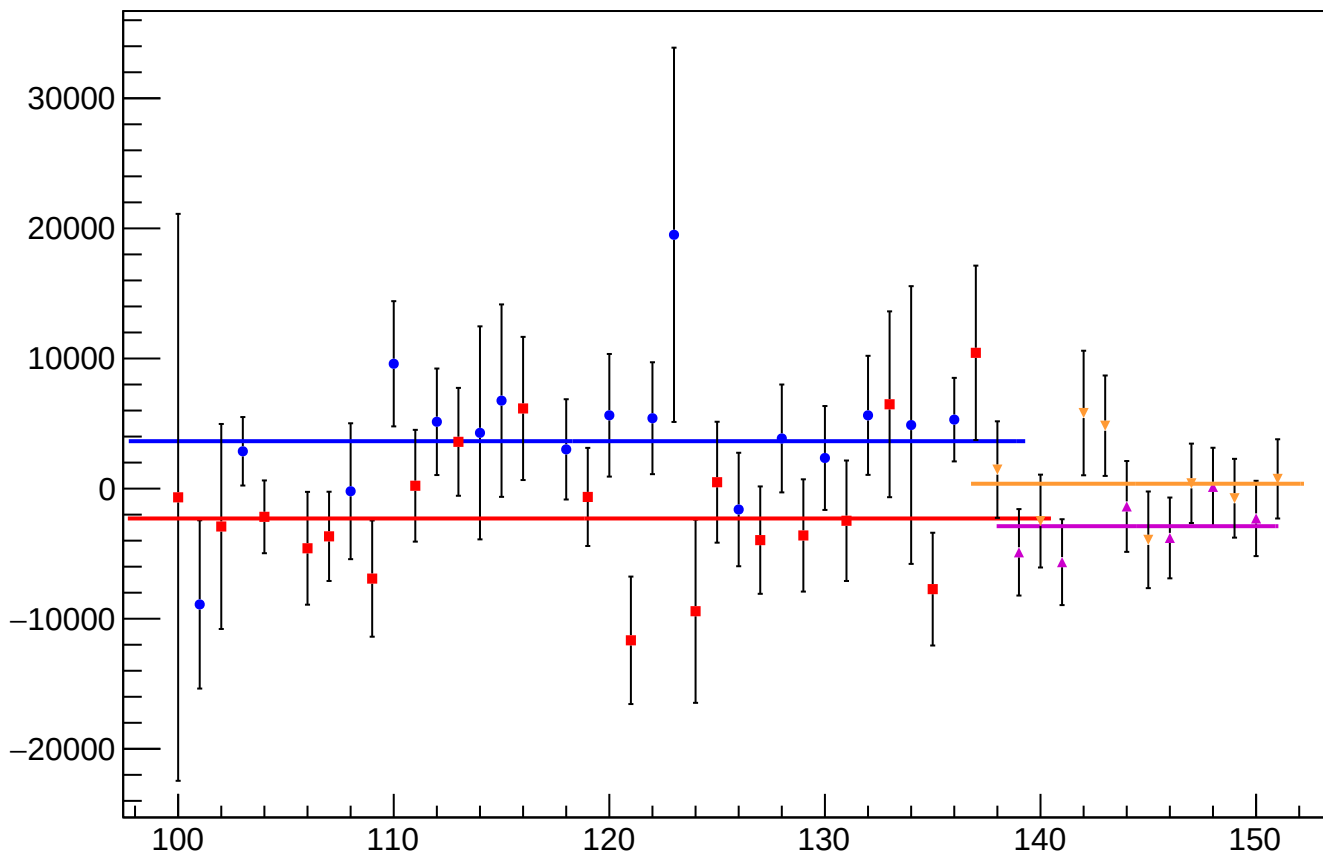
Left In: 2947.716 $\pm$ 0.936 χ^2 /NDF: 22782.7/5

+ sign 2946.079 $\pm$ 0.597 χ^2 /NDF: 691390.0/24

All: 2933.222 $\pm$ 0.424 χ^2 /NDF: 886445.6/49

- sign 2920.197 $\pm$ 0.601 χ^2 /NDF: 194123.4/24

dit_asym_atr2_mean vs Slug



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

Left Out: 374.270 $\pm$ 1232.085 χ^2 /NDF:4.9/7

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

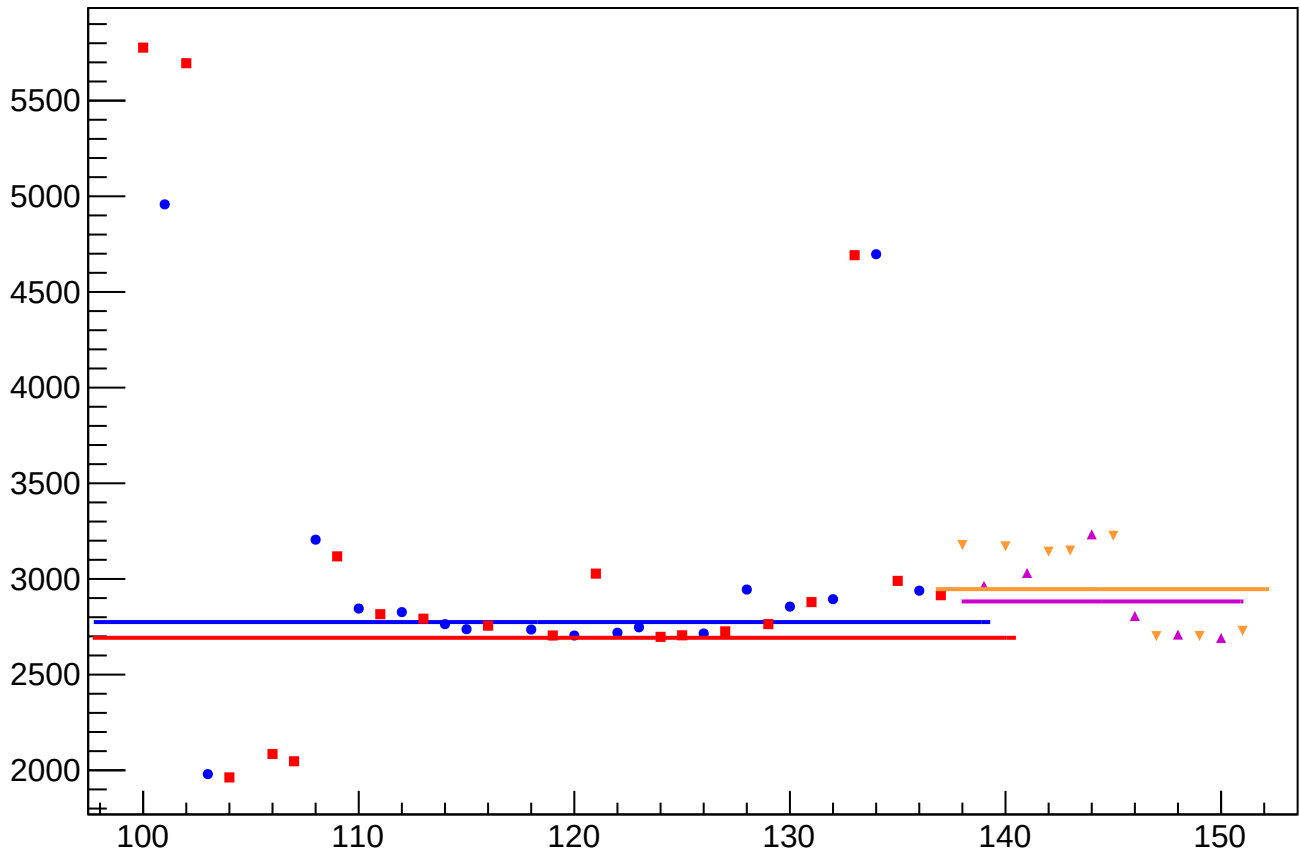
Left In: -2888.246 $\pm$ 1293.009 χ^2 /NDF:2.4/5

+ sign 2206.974 $\pm$ 817.004 χ^2 /NDF: 18.7/24

All: -171.532 $\pm$ 576.511 χ^2 /NDF: 56.5/49

- sign -2530.410 $\pm$ 813.626 χ^2 /NDF: 20.9/24

dit_asym_atr2_rms vs Slug



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

Left Out: 2946.705+/-0.871 χ^2/NDF : 71932.7/7

+ sign 2850.286+/-0.578 χ^2/NDF : 595473.4/24

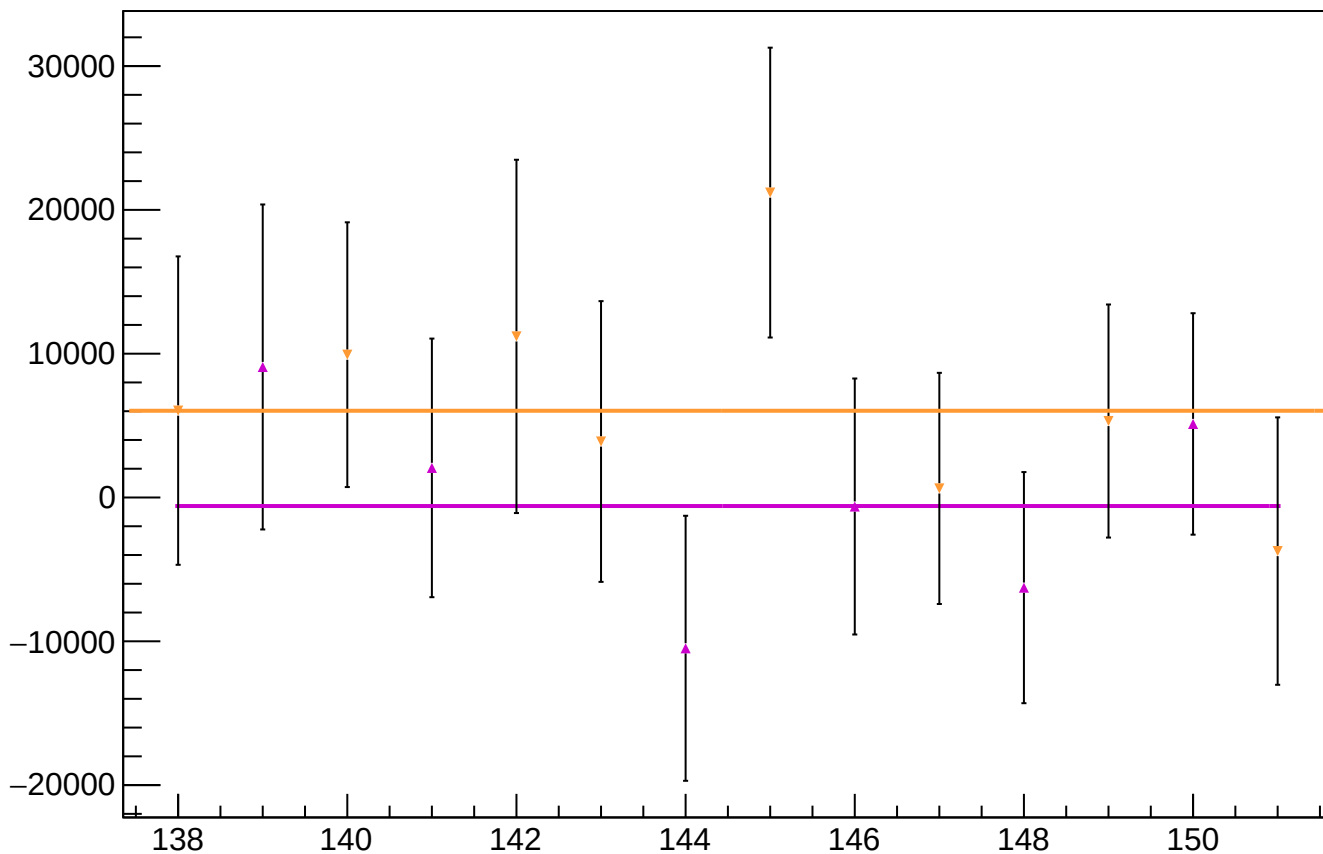
Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

All: 2808.791+/-0.408 χ^2/NDF : 1454065.5/49

- sign 2767.654+/-0.575 χ^2/NDF : 848318.2/24

Left In: 2882.363+/-0.914 χ^2/NDF : 41998.6/5

asym_atr2_correction_mean vs Slug



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

Left Out: 6030.918+/-3338.144 χ^2/NDF : 4.2/7

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

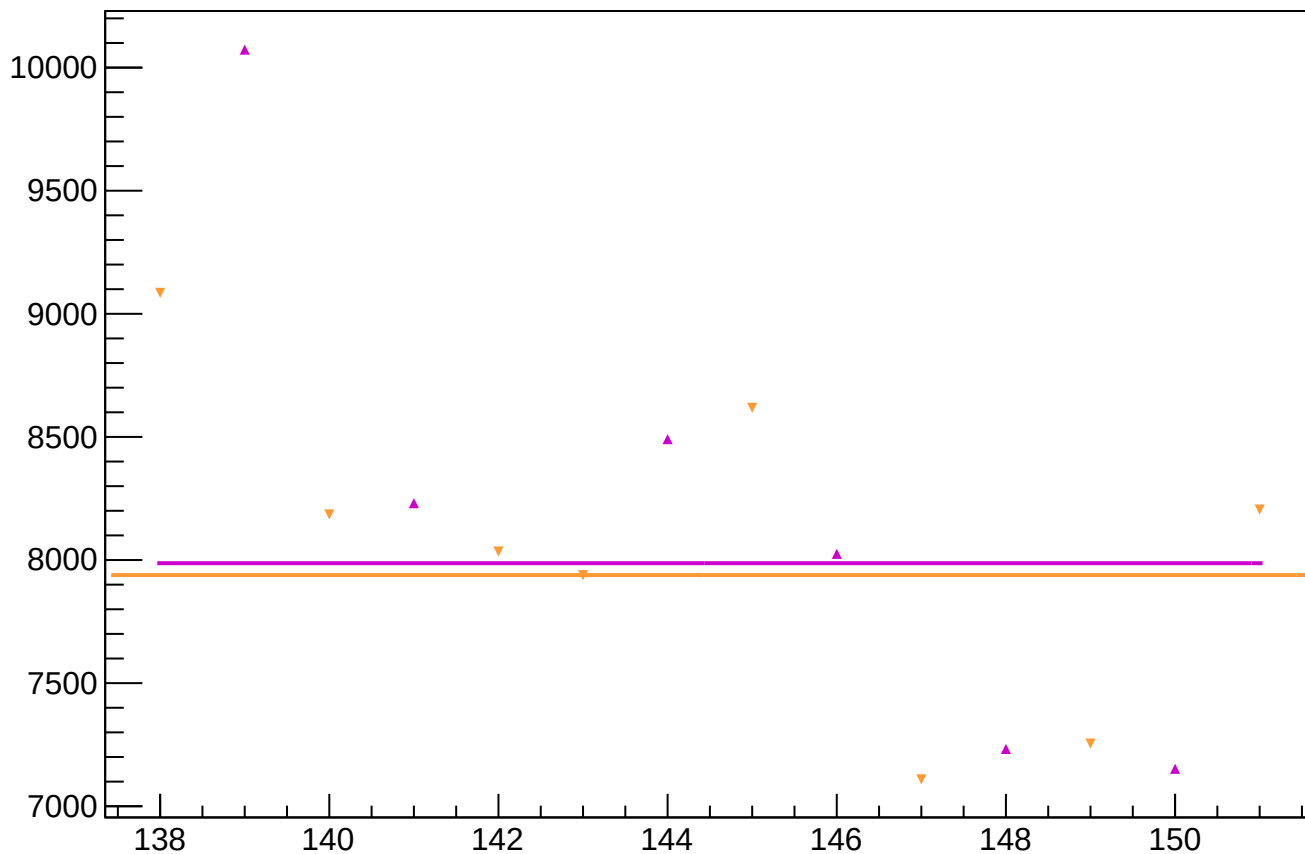
Left In: -593.146+/-3604.850 χ^2/NDF : 3.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2972.966+/-2449.290 χ^2/NDF : 9.1/13

- 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: 7938.900+/-2.360 χ^2/NDF : 70718.7/7

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

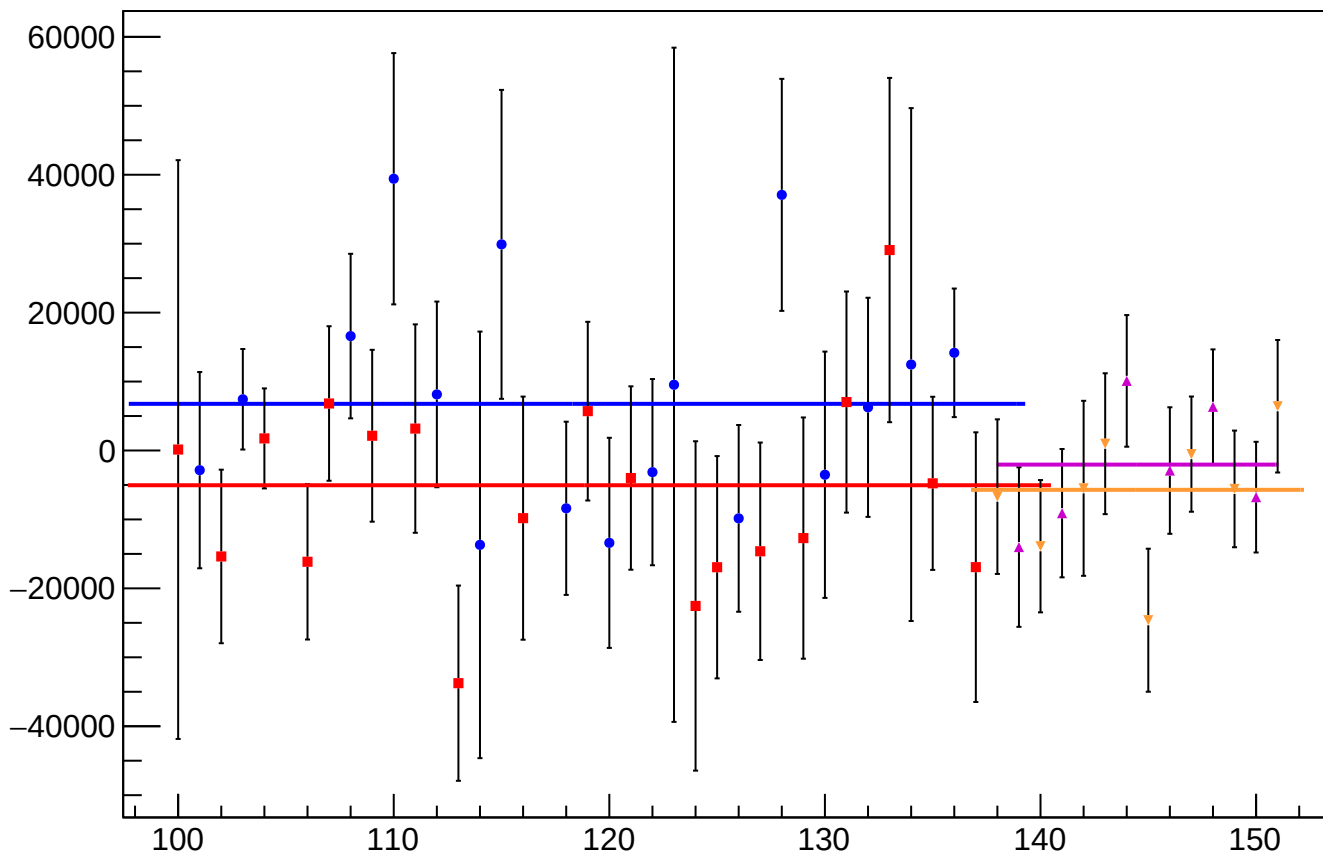
Left In: 7987.125+/-2.549 χ^2/NDF : 116784.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7961.162+/-1.732 χ^2/NDF : 187696.1/13

- 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: -5703.832 $\pm$ 3470.921 χ^2 /NDF: 6.5/7

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

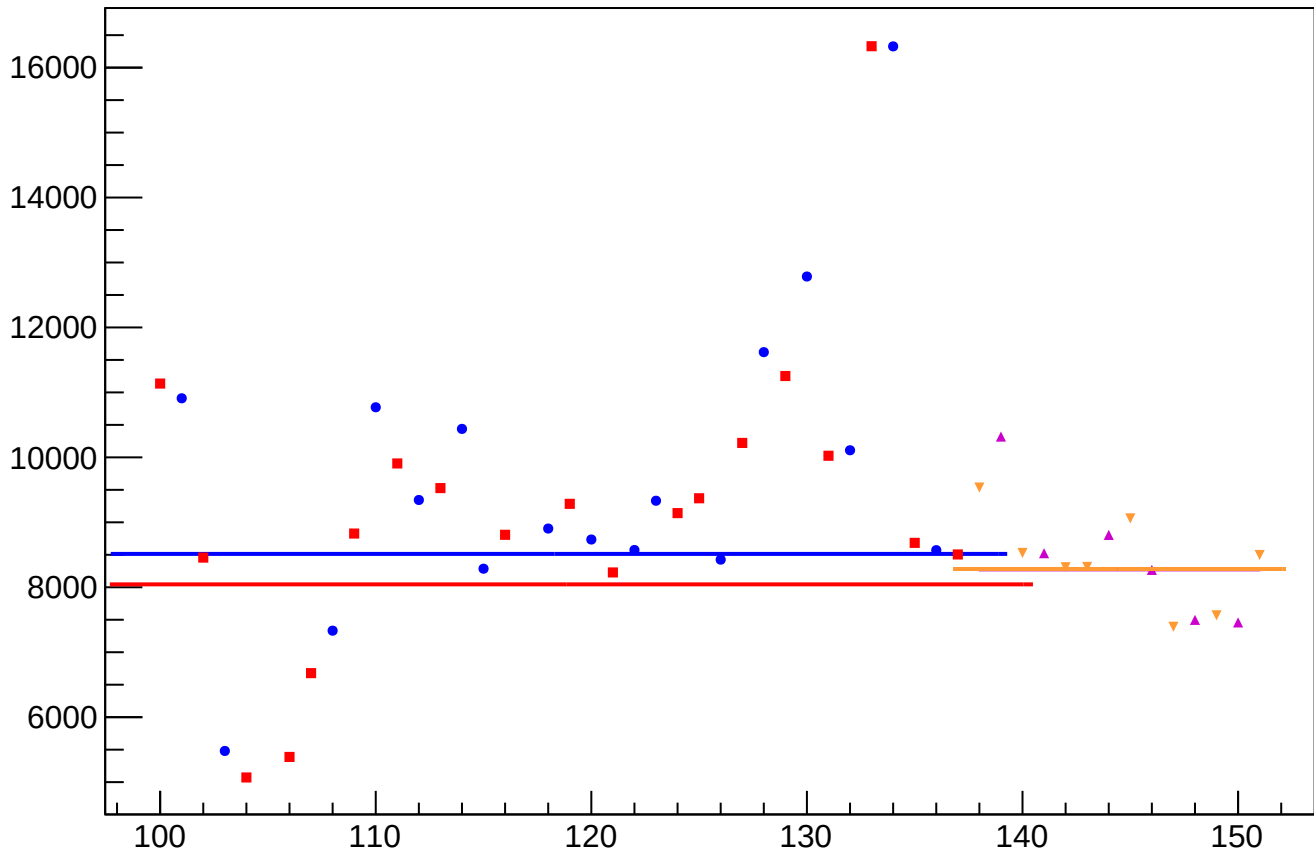
Left In: -2047.874 $\pm$ 3732.595 χ^2 /NDF: 4.6/5

+ sign 684.118 $\pm$ 2424.148 χ^2 /NDF: 28.4/24

All: -1560.318 $\pm$ 1710.943 χ^2 /NDF: 48.7/49

- sign -3788.133 $\pm$ 2415.156 χ^2 /NDF: 18.6/24

asym_atr2_rms vs Slug



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

Left Out: 8281.586+/-2.454 χ^2/NDF : 75508.3/7

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

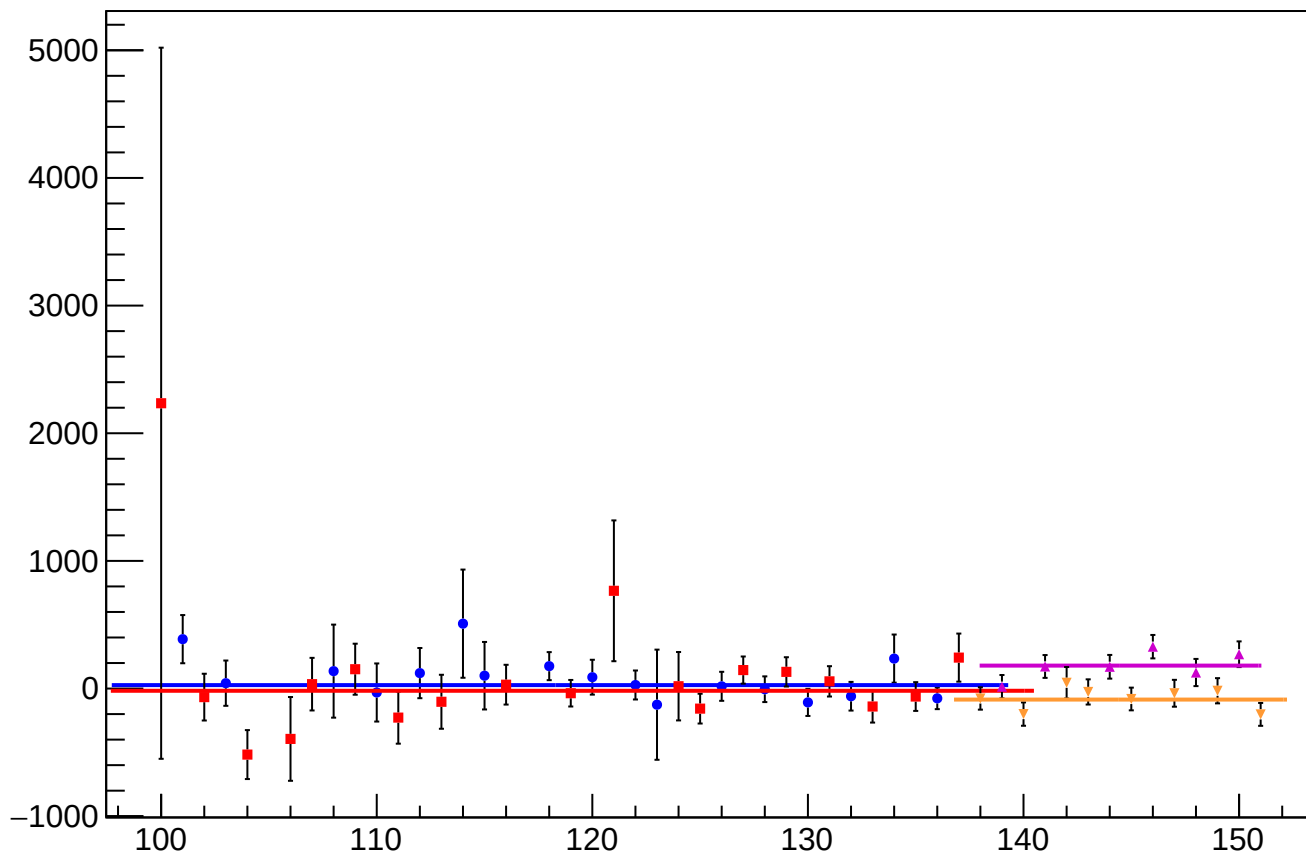
Left In: 8275.377+/-2.639 χ^2/NDF : 108121.7/5

+ sign 8400.460+/-1.714 χ^2/NDF : 842702.8/24

All: 8270.393+/-1.210 χ^2/NDF : 1919046.7/49

- sign 8141.295+/-1.708 χ^2/NDF : 1064871.5/24

dit_asym_sam1_mean vs Slug



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

Left Out: -86.289+/-34.056 χ^2/NDF : 5.4/7

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

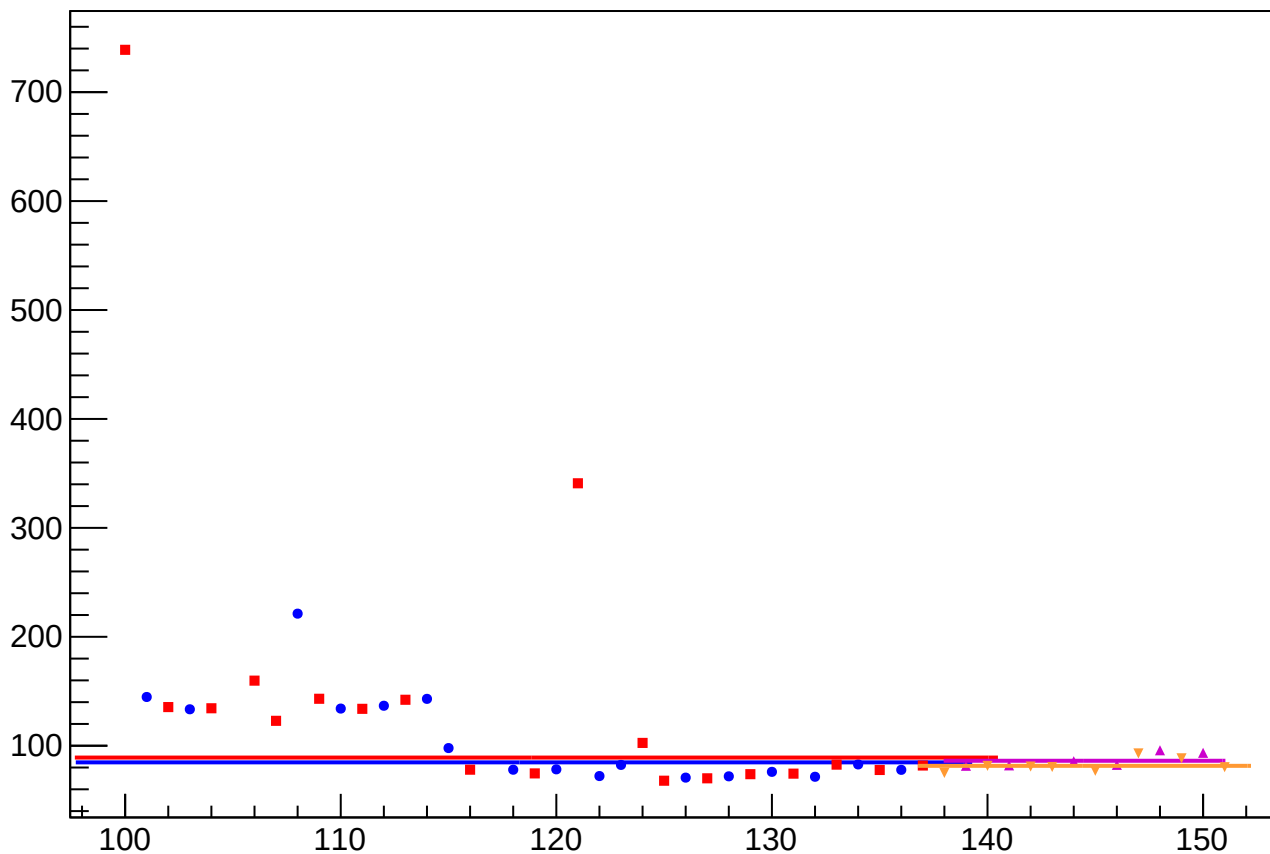
Left In: 179.783+/-38.737 χ^2/NDF : 6.9/5

+ sign -29.633+/-24.072 χ^2/NDF : 23.6/24

All: 17.253+/-17.723 χ^2/NDF : 74.7/49

- sign 72.758+/-26.191 χ^2/NDF : 42.8/24

dit_asym_sam1_rms vs Slug



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

Left Out: 81.544 $\pm$ 0.024 χ^2 /NDF: 50311.8/7

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

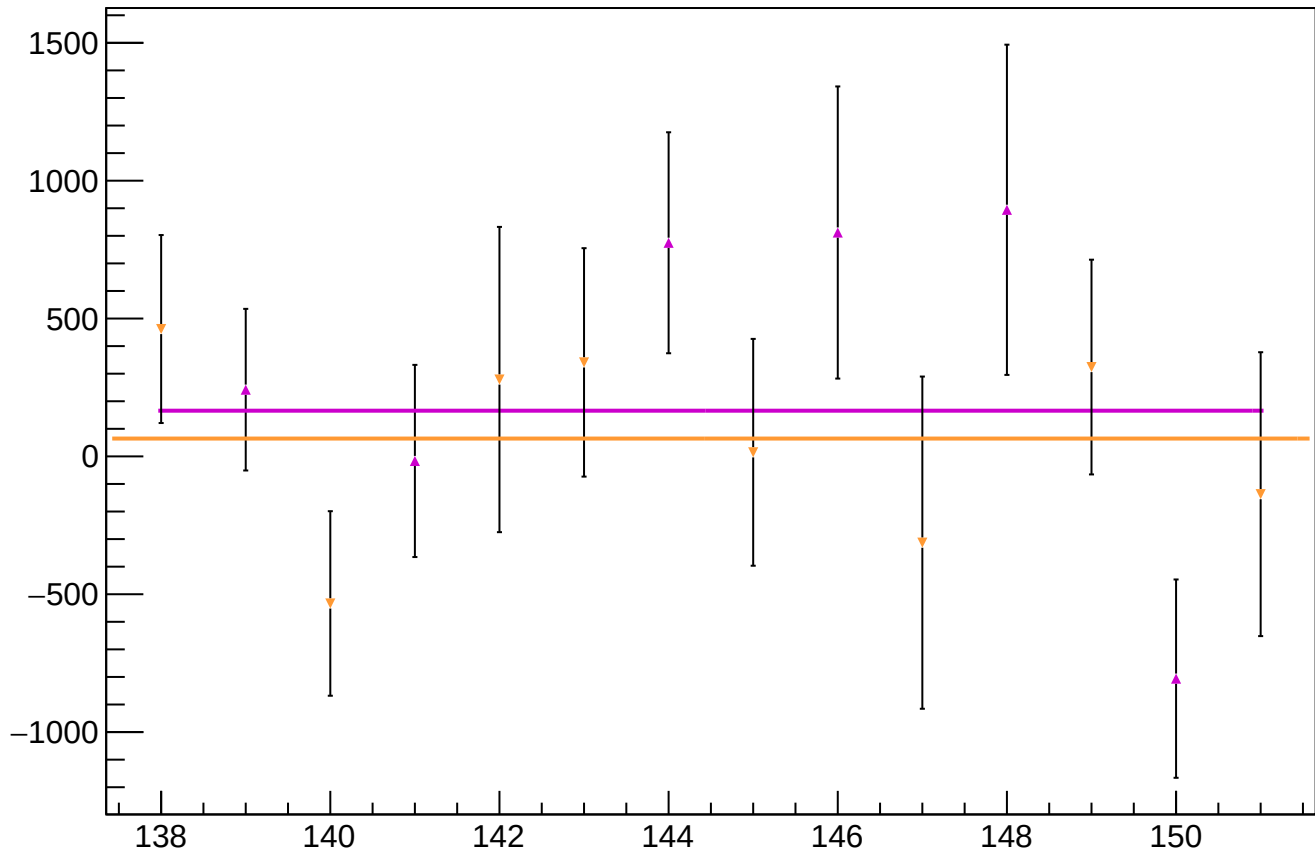
Left In: 86.202 $\pm$ 0.027 χ^2 /NDF: 39788.1/5

+ sign 83.142 $\pm$ 0.017 χ^2 /NDF: 1123529.8/24

All: 85.274 $\pm$ 0.013 χ^2 /NDF: 2763120.6/49

- sign 87.799 $\pm$ 0.019 χ^2 /NDF: 1605315.6/24

asym_sam1_correction_mean vs Slug



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

Left Out: 64.676+/-148.011 χ^2/NDF : 6.2/7

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

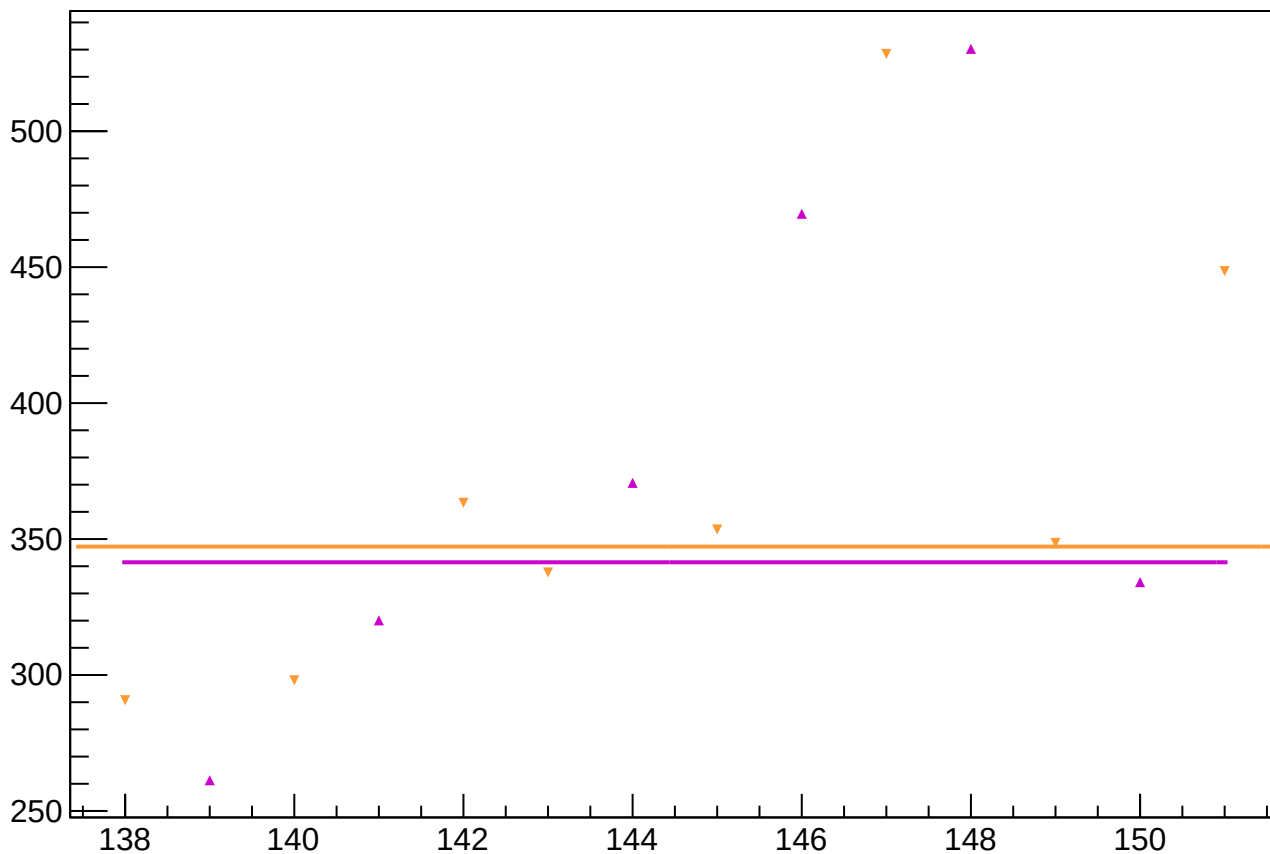
Left In: 165.742+/-157.765 χ^2/NDF : 12.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.988+/-107.943 χ^2/NDF : 19.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 347.222+/-0.105 χ^2/NDF : 359618.2/7

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

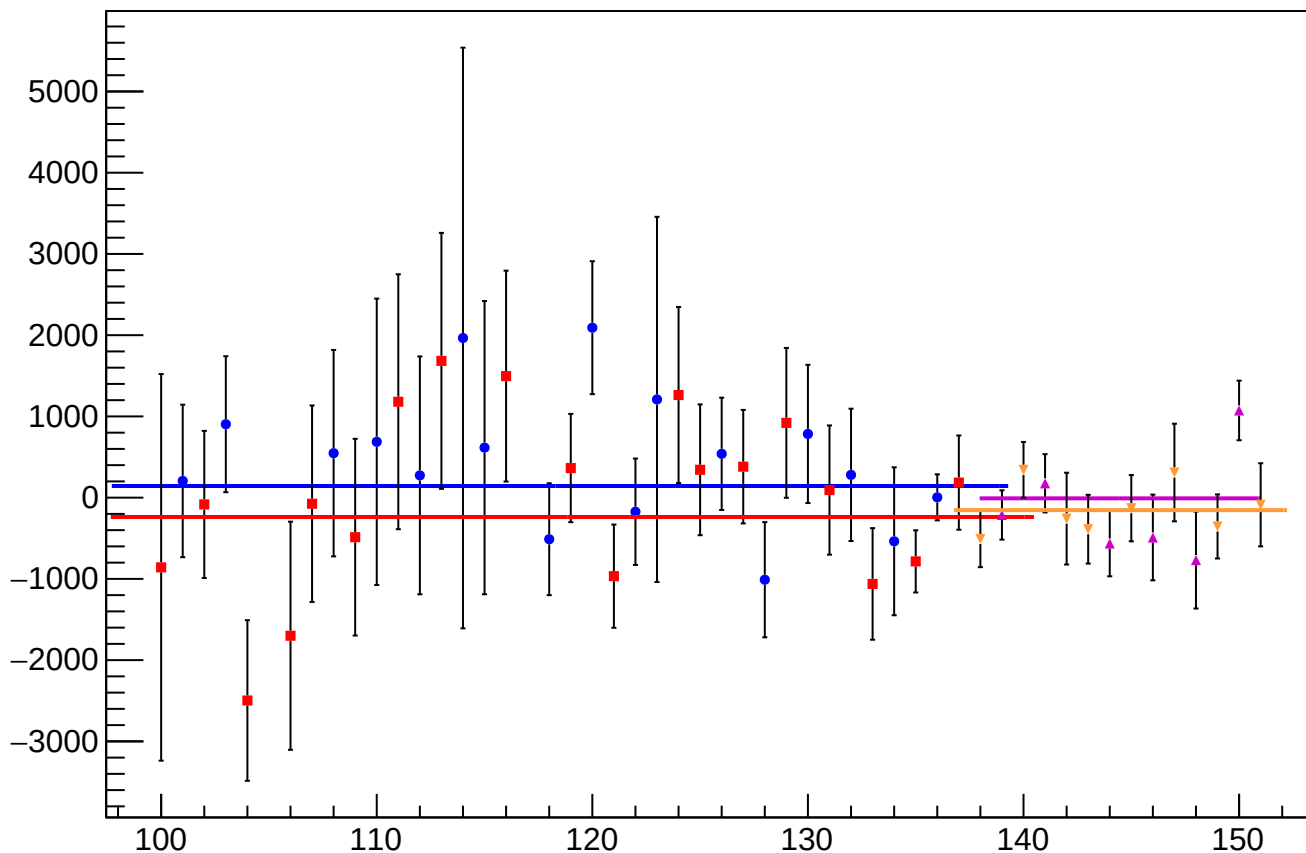
Left In: 341.460+/-0.112 χ^2/NDF : 484388.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.525+/-0.076 χ^2/NDF : 845426.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -153.504 $\pm$ 149.842 χ^2 /NDF: 4.3/7

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

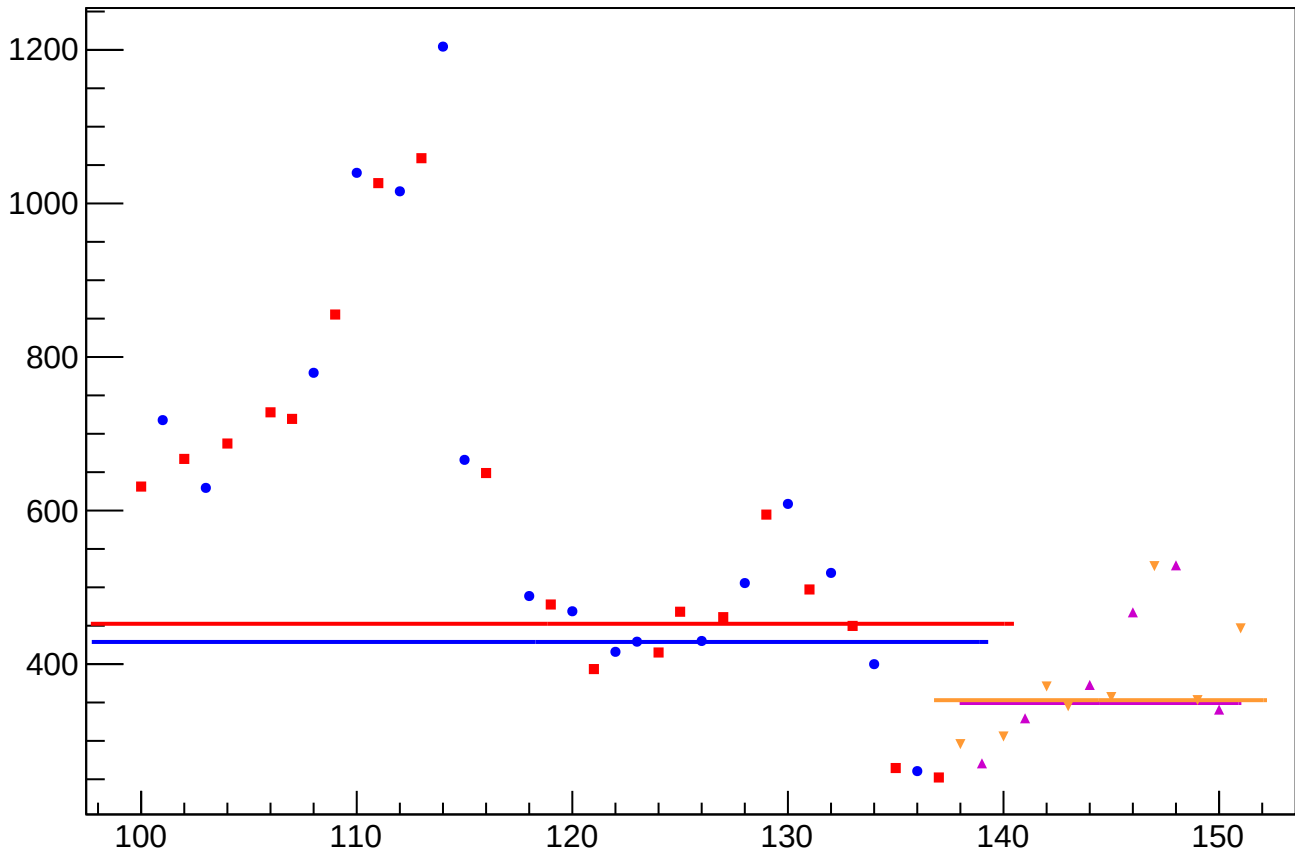
Left In: -8.712 $\pm$ 160.961 χ^2 /NDF: 13.8/5

+ sign -31.328 $\pm$ 114.961 χ^2 /NDF: 18.7/24

All: -67.674 $\pm$ 83.391 χ^2 /NDF: 55.3/49

- sign -108.036 $\pm$ 121.147 χ^2 /NDF: 36.3/24

asym_sam1_rms vs Slug



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

Left Out: 353.015 $\pm$ 0.106 χ^2 /NDF:330925.0/7

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

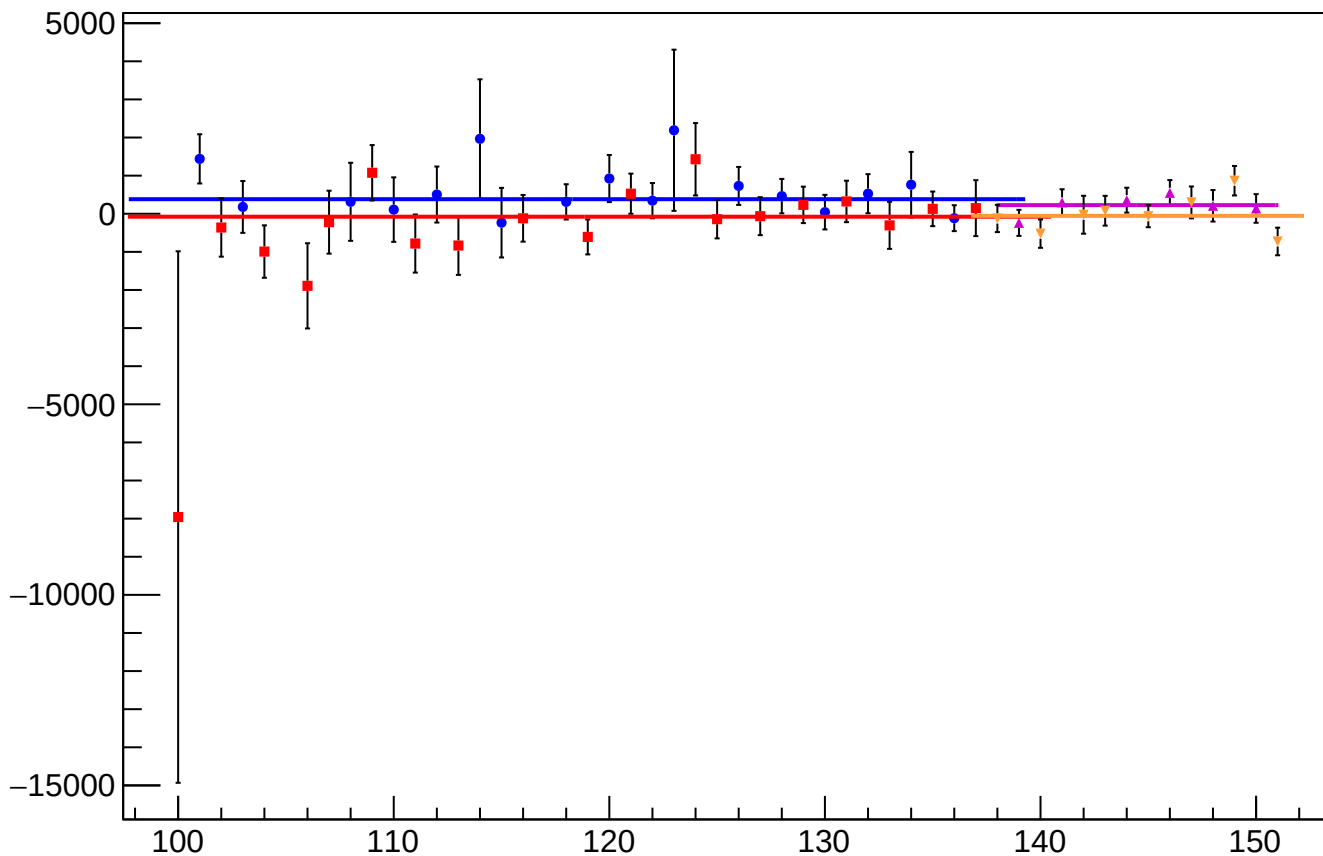
Left In: 349.352 $\pm$ 0.114 χ^2 /NDF:429007.7/5

+ sign 384.214 $\pm$ 0.081 χ^2 /NDF: 2554029.8/24

All: 388.887 $\pm$ 0.059 χ^2 /NDF: 5385427.6/49

- sign 394.077 $\pm$ 0.086 χ^2 /NDF: 2824423.5/24

dit_asym_sam2_mean vs Slug



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

Left Out: -54.773 $\pm$ 131.727 χ^2 /NDF:11.6/7

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

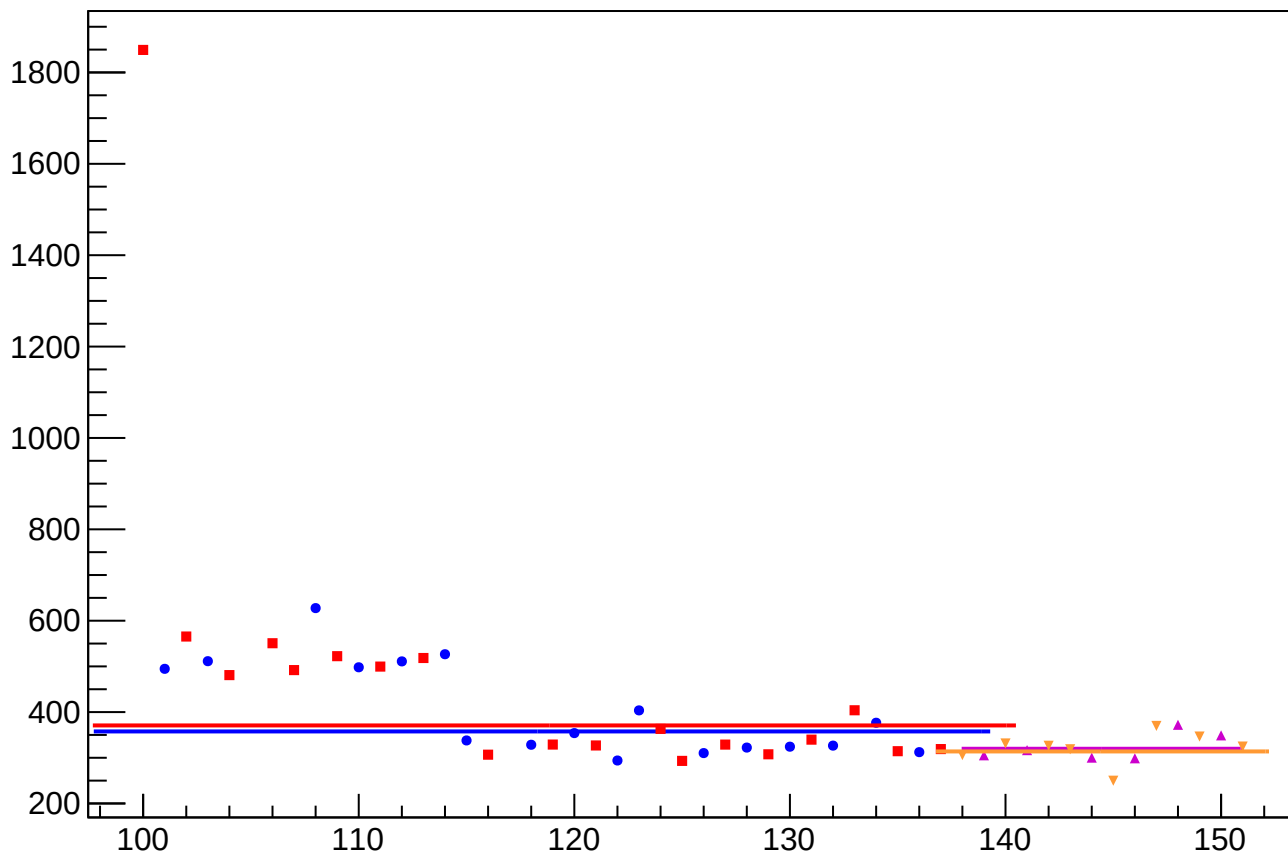
Left In: 226.349 $\pm$ 144.124 χ^2 /NDF:3.0/5

+ sign 148.434 $\pm$ 96.318 χ^2 /NDF: 26.1/24

All: 113.107 $\pm$ 69.925 χ^2 /NDF: 48.4/49

- sign 73.737 $\pm$ 101.679 χ^2 /NDF: 22.0/24

dit_asym_sam2_rms vs Slug



Right In: 357.664+/-0.100 χ^2/NDF : 629671.7/16

Left Out: 313.875+/-0.093 χ^2/NDF : 156537.2/7

Right Out: 370.794+/-0.101 χ^2/NDF : 784786.3/18

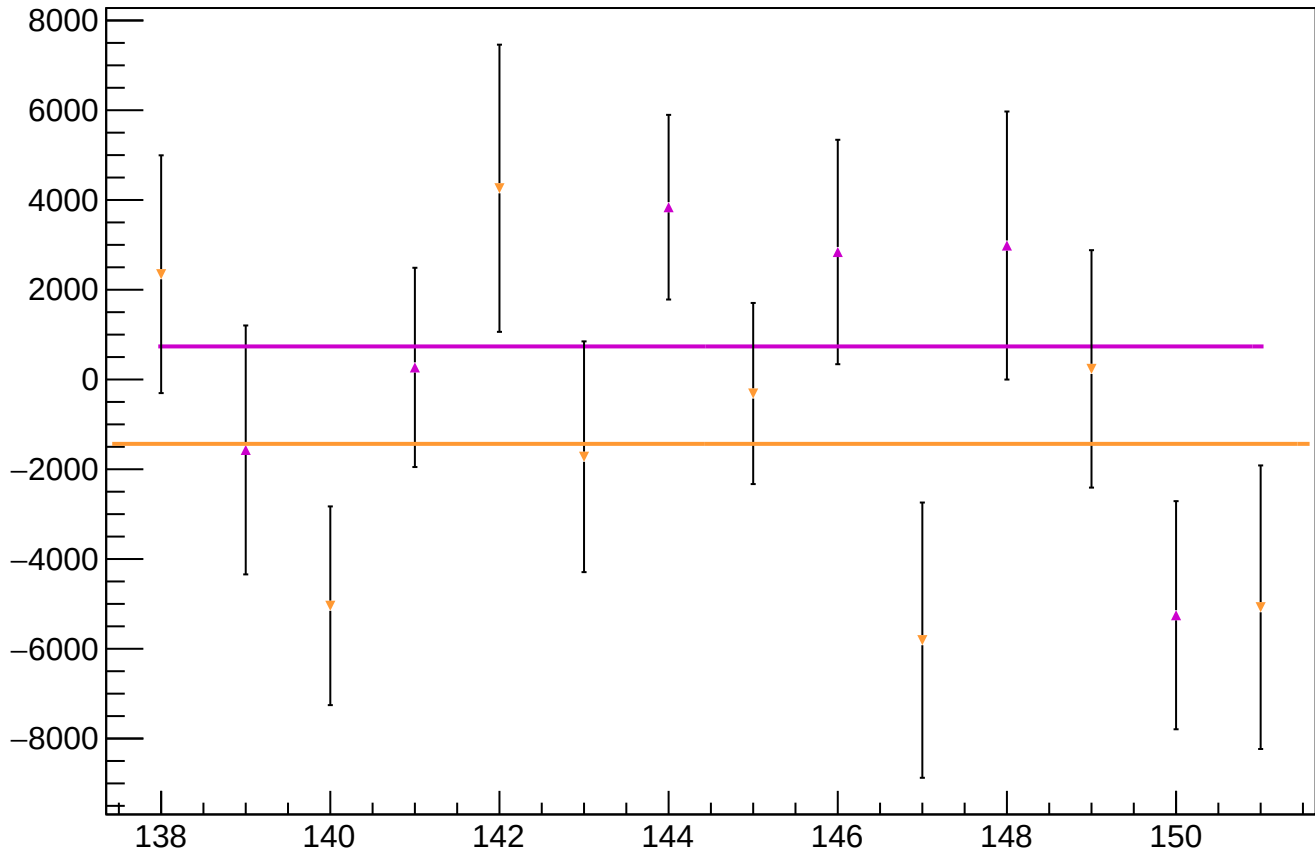
Left In: 319.710+/-0.102 χ^2/NDF : 62818.6/5

+ sign 334.253+/-0.068 χ^2/NDF : 889061.1/24

All: 339.510+/-0.049 χ^2/NDF : 1875465.6/49

- sign 345.369+/-0.072 χ^2/NDF : 973805.9/24

asym_sam2_correction_mean vs Slug



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

Left Out: -1434.147+/-916.483 χ^2/NDF :11.9/7

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

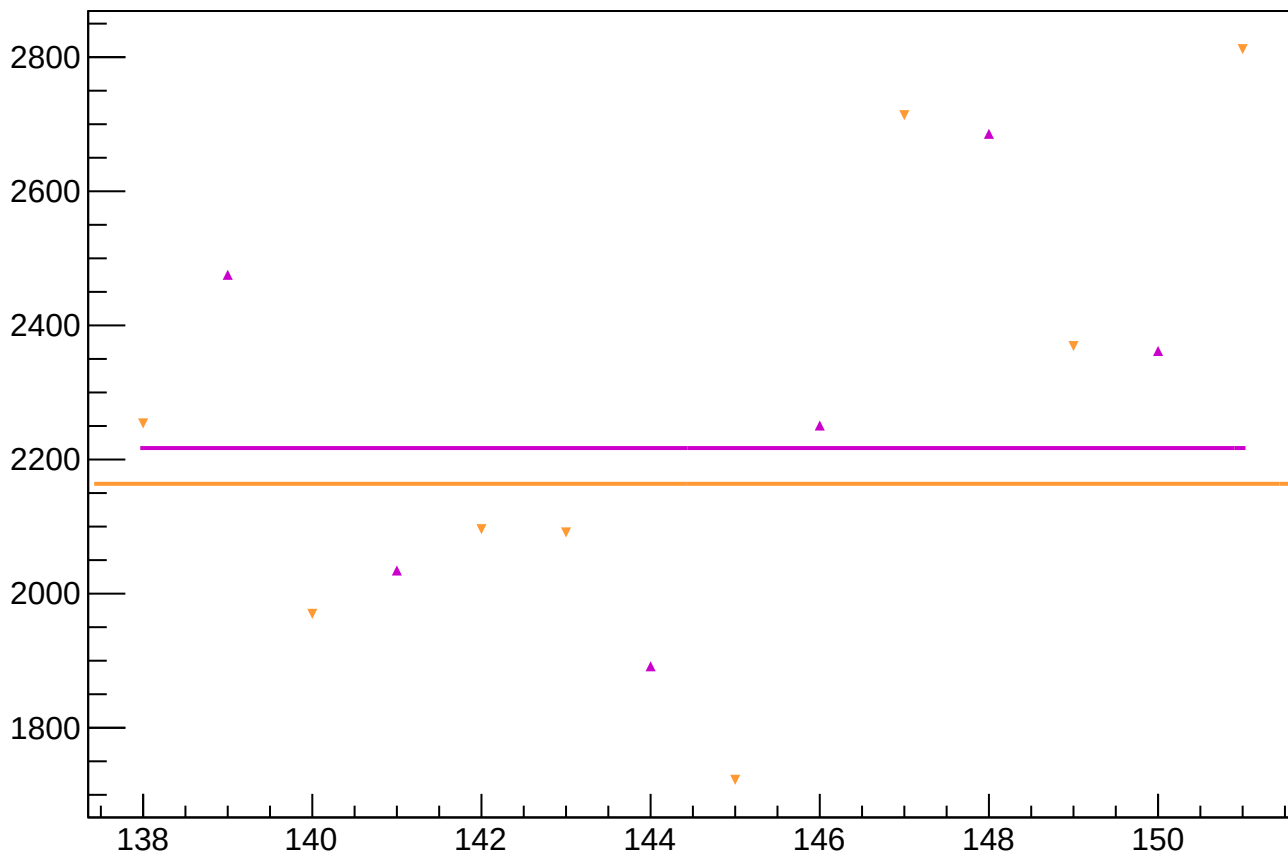
Left In: 736.827+/-1001.941 χ^2/NDF :9.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.177+/-676.249 χ^2/NDF : 24.3/13

- 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: 2163.789+/-0.648 χ^2/NDF : 276338.3/7

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

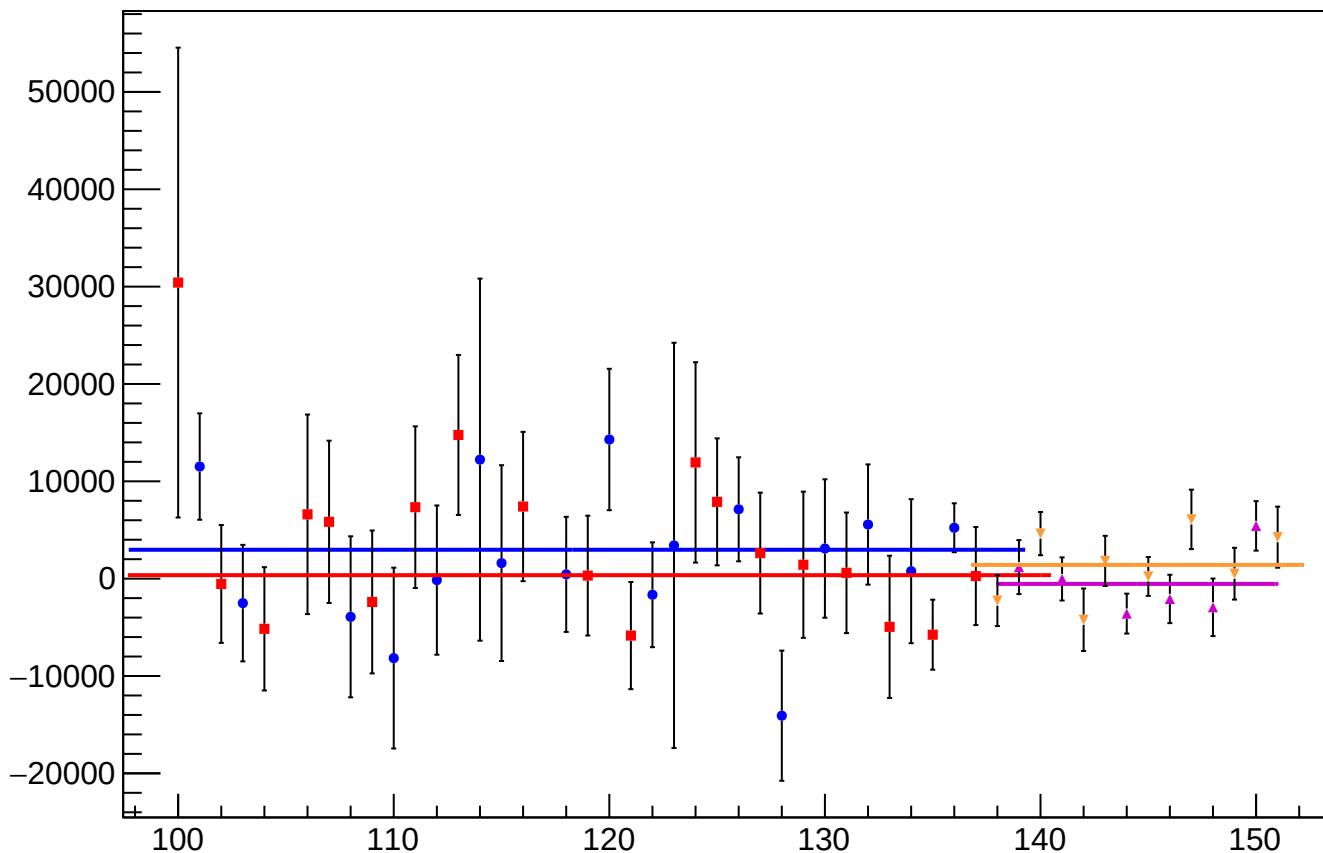
Left In: 2217.116+/-0.708 χ^2/NDF : 137022.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.082+/-0.478 χ^2/NDF : 416445.5/13

- 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: 1411.125+/-913.615 χ^2/NDF : 10.8/7

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

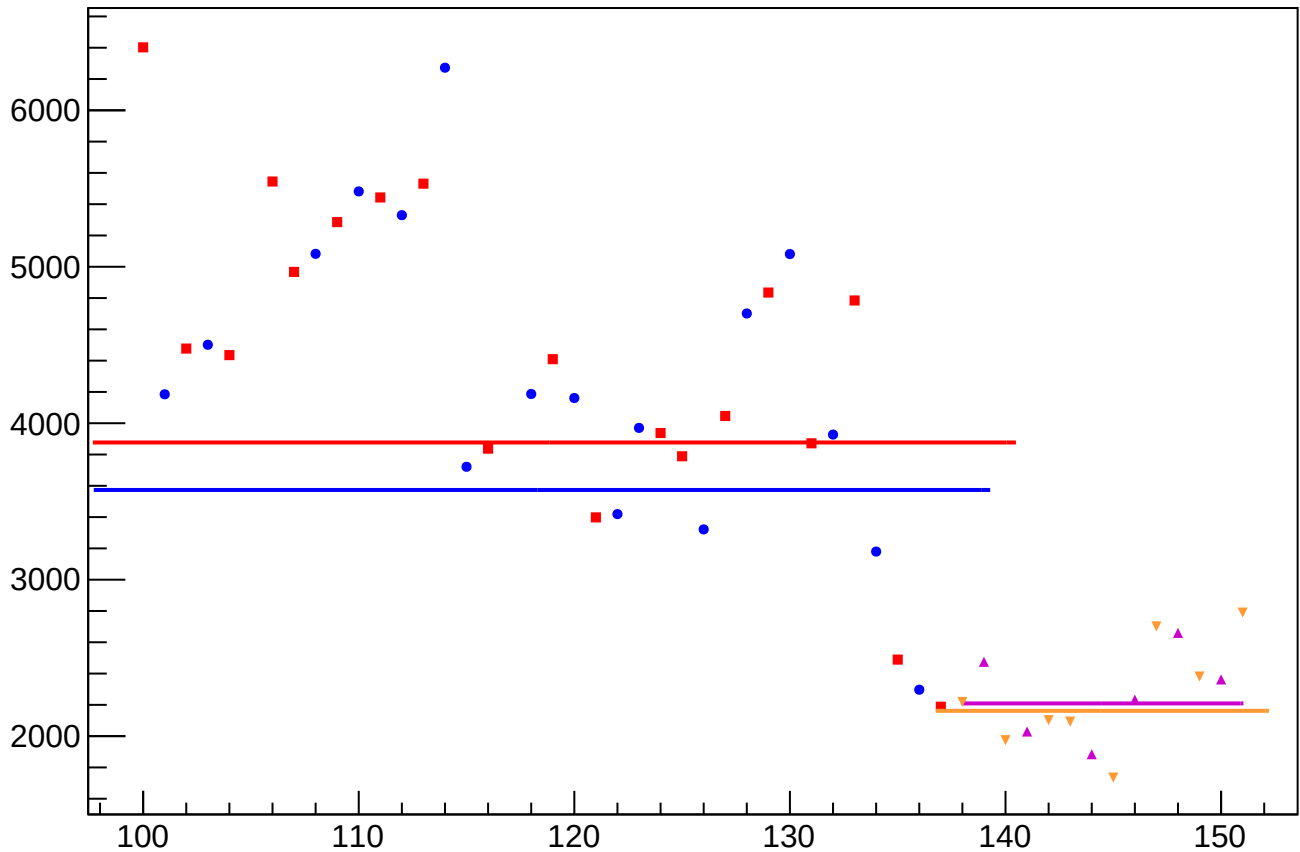
Left In: -538.887+/-998.810 χ^2/NDF : 9.2/5

+ sign 1858.061+/-771.523 χ^2/NDF : 29.0/24

All: 877.219+/-565.899 χ^2/NDF : 57.3/49

- sign -264.958+/-832.561 χ^2/NDF : 24.8/24

asym_sam2_rms vs Slug



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

Left Out: 2161.808+/-0.646 χ^2/NDF : 264753.6/7

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

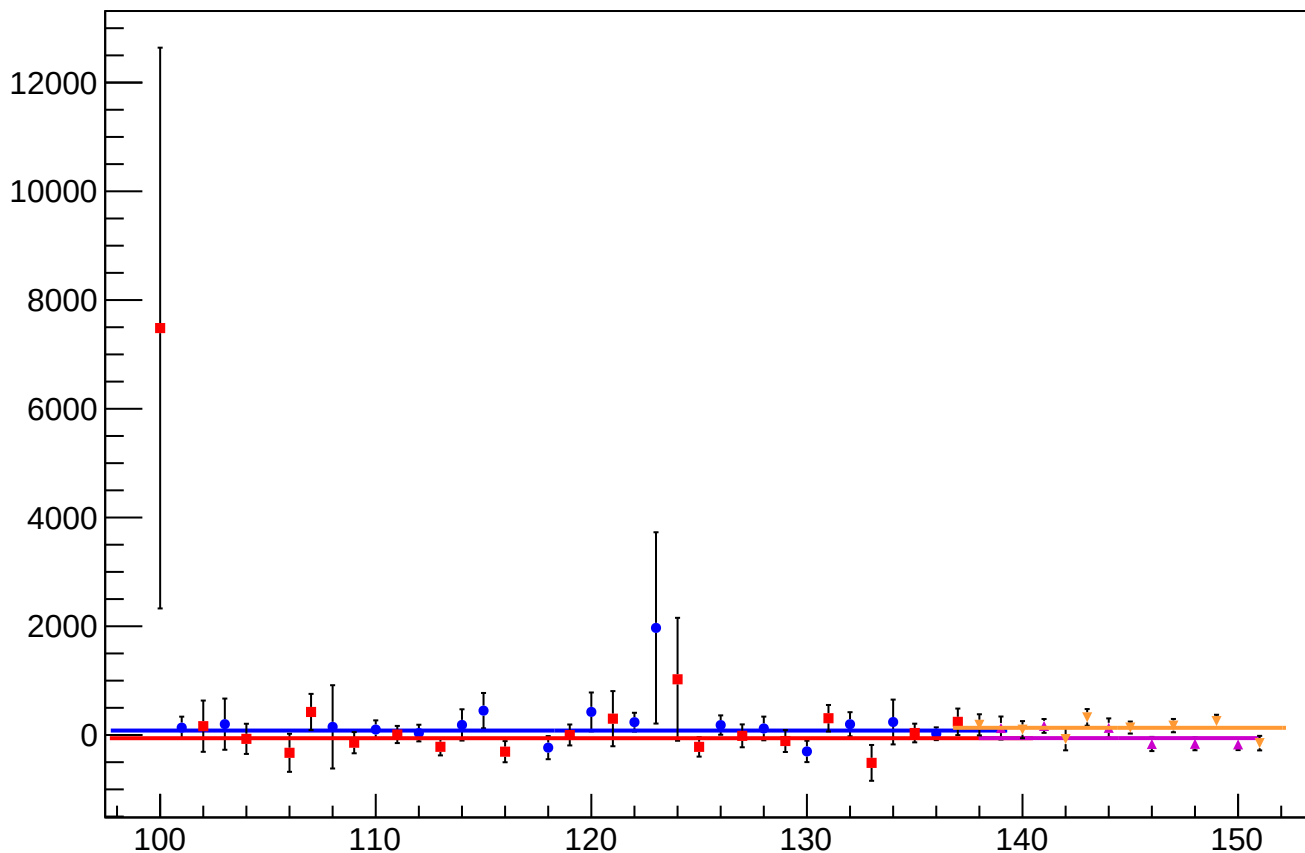
Left In: 2209.129+/-0.706 χ^2/NDF : 135522.5/5

+ sign 2566.765+/-0.546 χ^2/NDF : 2723239.9/24

All: 2636.691+/-0.400 χ^2/NDF : 5584550.1/49

- sign 2718.119+/-0.589 χ^2/NDF : 2825750.1/24

dit_asym_sam3_mean vs Slug



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

Left Out: 132.271+/-49.293 χ^2/NDF : 8.4/7

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

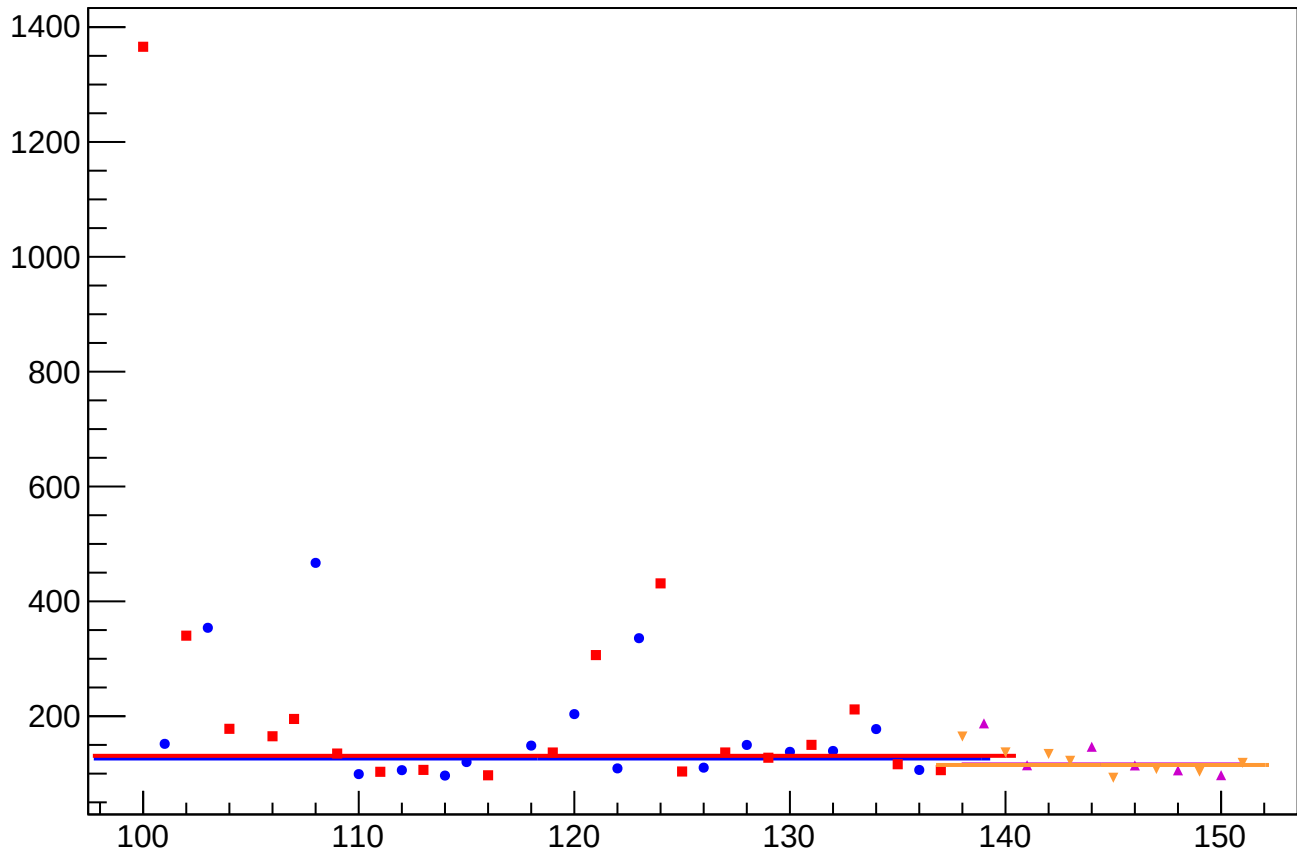
Left In: -57.015+/-54.430 χ^2/NDF : 7.7/5

+ sign 108.362+/-35.744 χ^2/NDF : 20.4/24

All: 30.321+/-26.046 χ^2/NDF : 54.8/49

- sign -58.035+/-38.033 χ^2/NDF : 24.2/24

dit_asym_sam3_rms vs Slug



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

Left Out: 115.075 $\pm$ 0.035 χ^2 /NDF: 299206.4/7

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

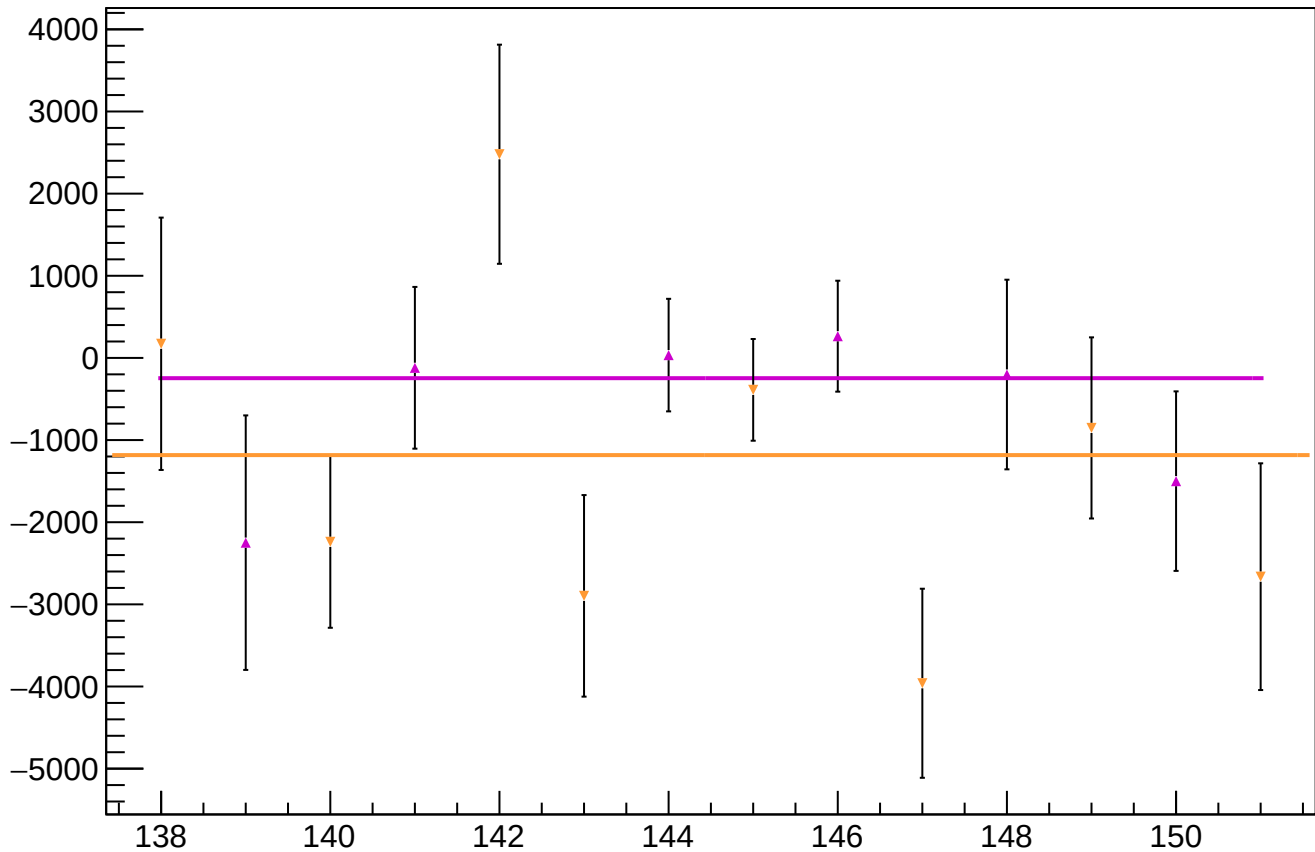
Left In: 116.055 $\pm$ 0.038 χ^2 /NDF: 370774.0/5

+ sign 120.416 $\pm$ 0.025 χ^2 /NDF: 1659318.5/24

All: 121.960 $\pm$ 0.018 χ^2 /NDF: 3544535.8/49

- sign 123.707 $\pm$ 0.027 χ^2 /NDF: 1877266.5/24

asym_sam3_correction_mean vs Slug



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

Left Out: -1183.076 $\pm$ 370.738 χ^2 /NDF:20.0/7

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

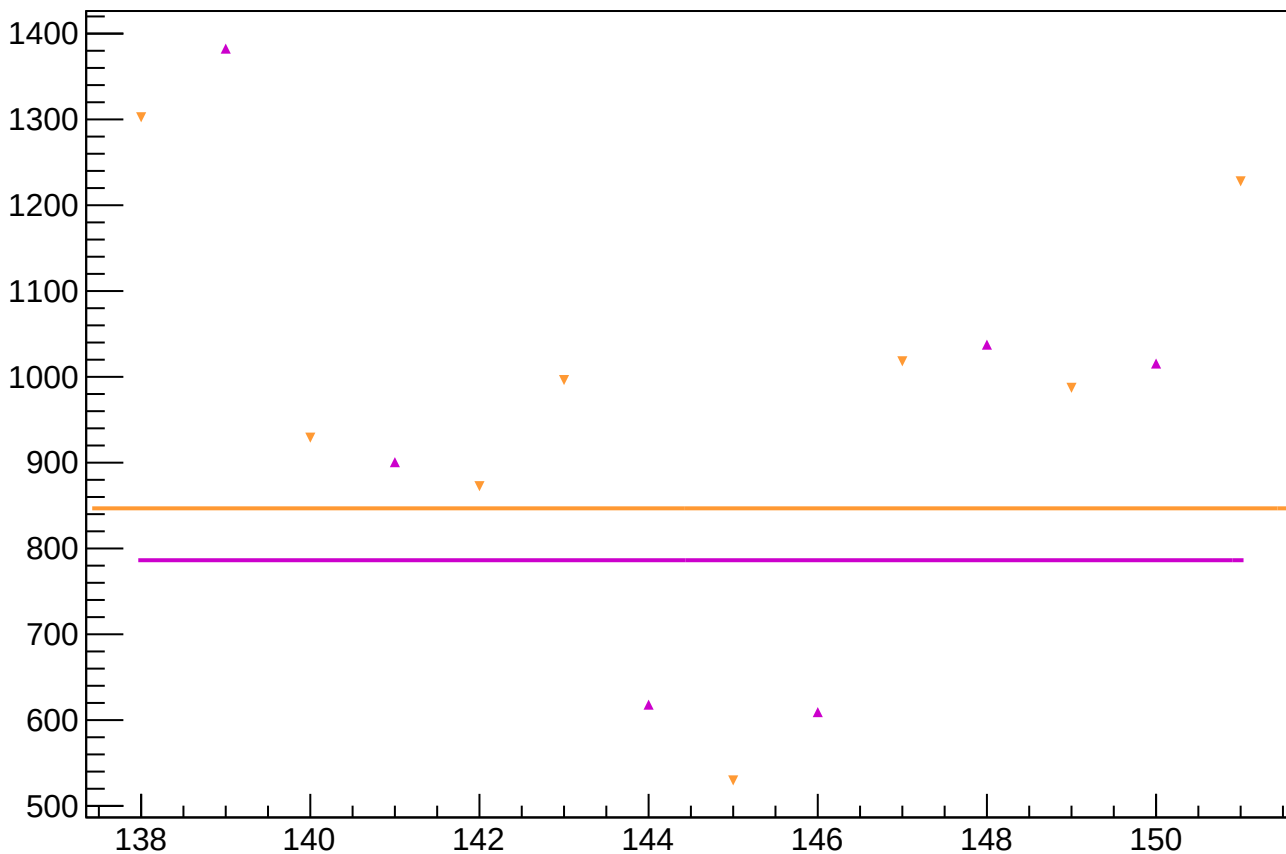
Left In: -246.618 $\pm$ 368.590 χ^2 /NDF:3.7/5

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

All: -712.126 $\pm$ 261.389 χ^2 /NDF: 27.0/13

- sign 0.000 $\pm$ 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: 846.777+/-0.262 χ^2/NDF : 972745.9/7

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

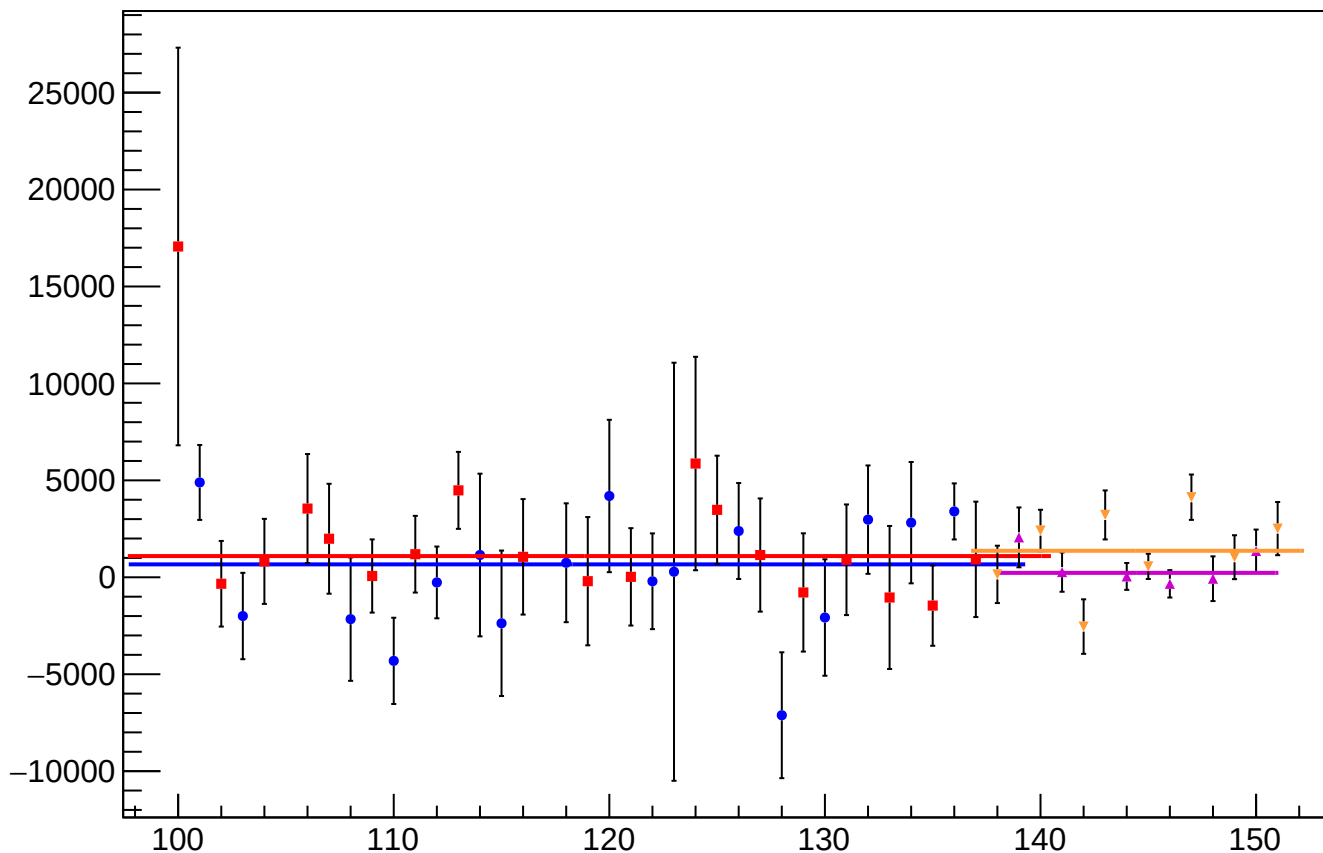
Left In: 786.309+/-0.261 χ^2/NDF : 764044.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.367+/-0.185 χ^2/NDF : 1763546.8/13

- 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: 1366.828+/-381.651 χ^2/NDF : 19.4/7

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

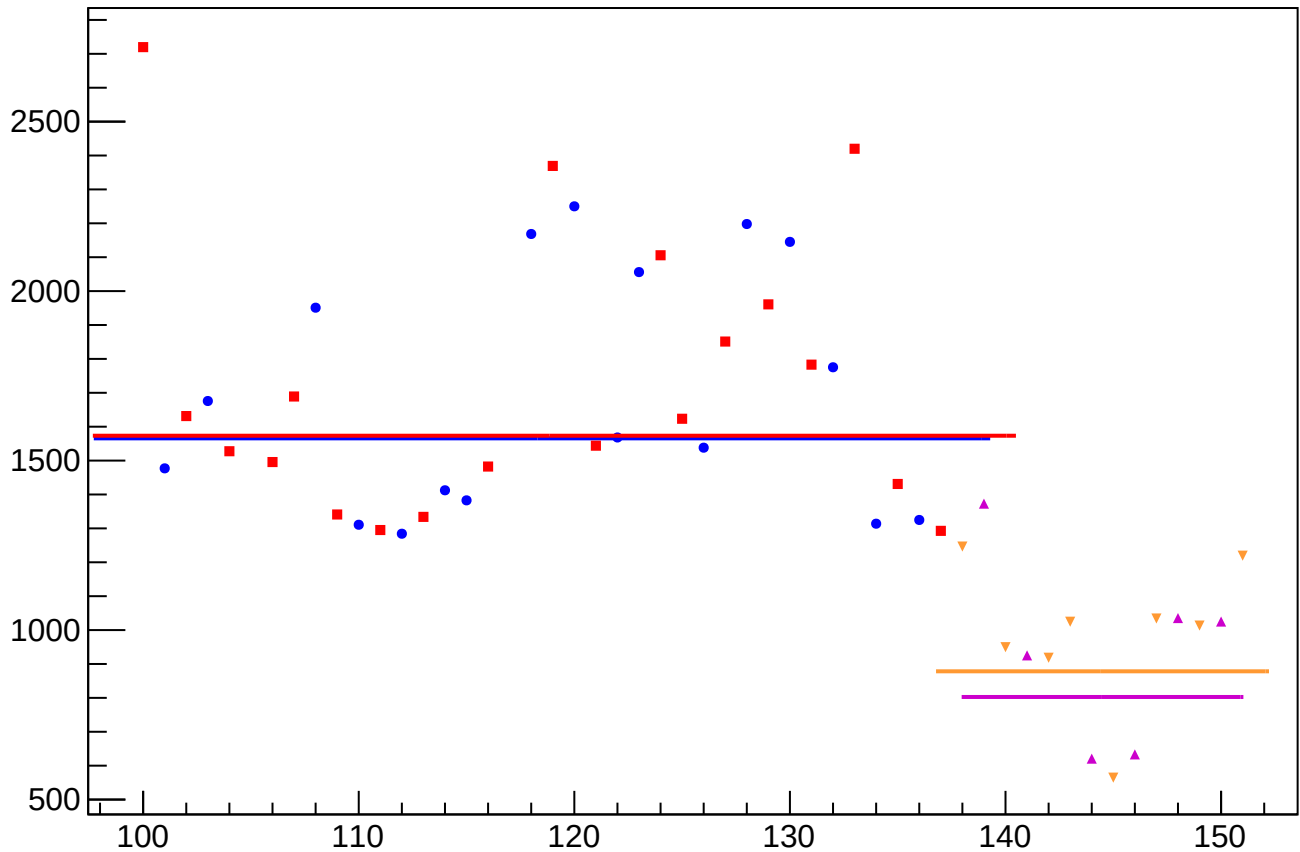
Left In: 227.768+/-376.878 χ^2/NDF : 3.2/5

+ sign 1173.844+/-324.842 χ^2/NDF : 46.0/24

All: 816.830+/-227.799 χ^2/NDF : 64.0/49

- sign 471.381+/-319.537 χ^2/NDF : 15.7/24

asym_sam3_rms vs Slug



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

Left Out: 878.339+/-0.270 χ^2/NDF : 814027.7/7

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

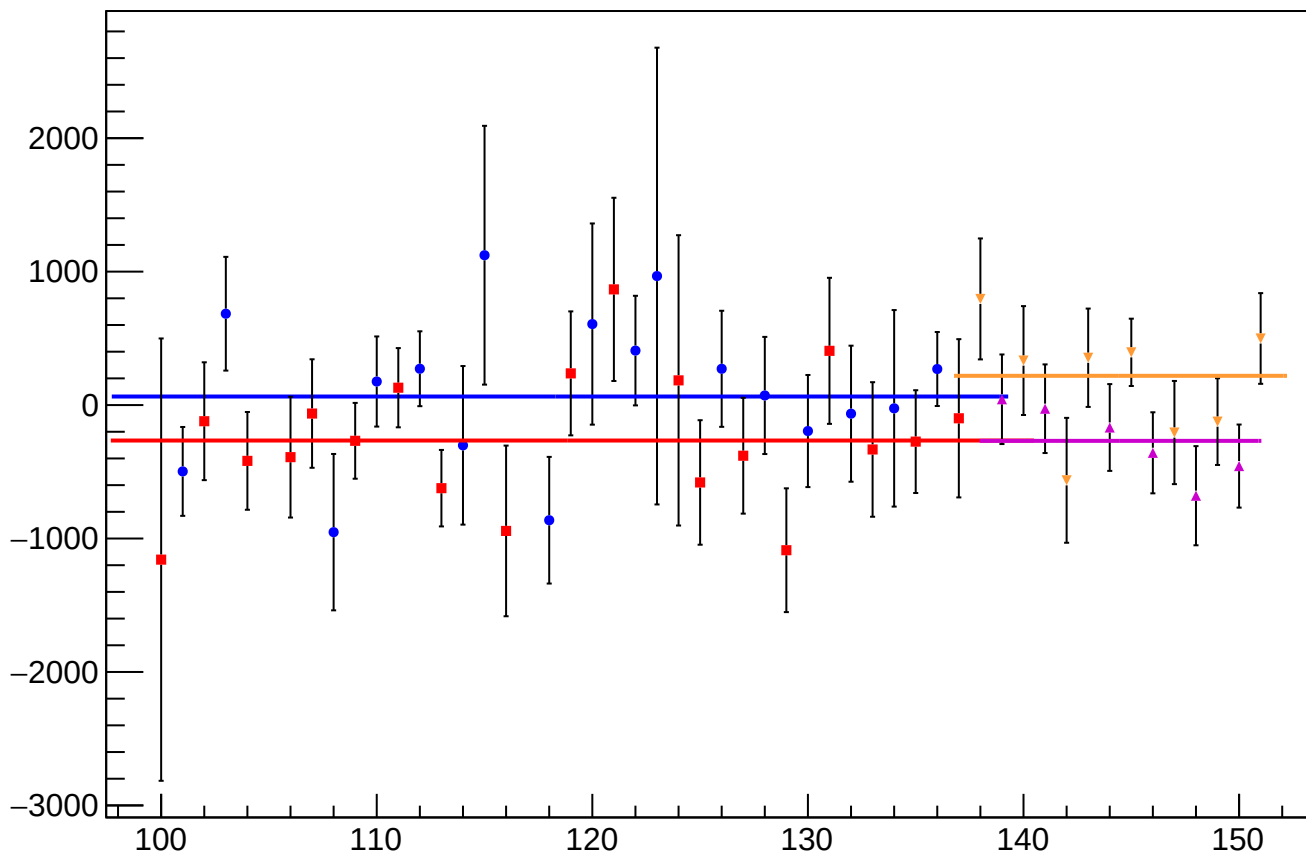
Left In: 802.636+/-0.266 χ^2/NDF : 717170.6/5

+ sign 1067.716+/-0.230 χ^2/NDF : 3091958.2/24

All: 1043.120+/-0.161 χ^2/NDF : 6645317.7/49

- sign 1019.322+/-0.226 χ^2/NDF : 3530800.0/24

dit_asym_sam4_mean vs Slug



Right In: 64.087 ± 105.336 χ^2/NDF : 16.8/16

Left Out: 219.295 ± 125.633 χ^2/NDF : 8.1/7

Right Out: -265.661 ± 99.379 χ^2/NDF : 14.7/18

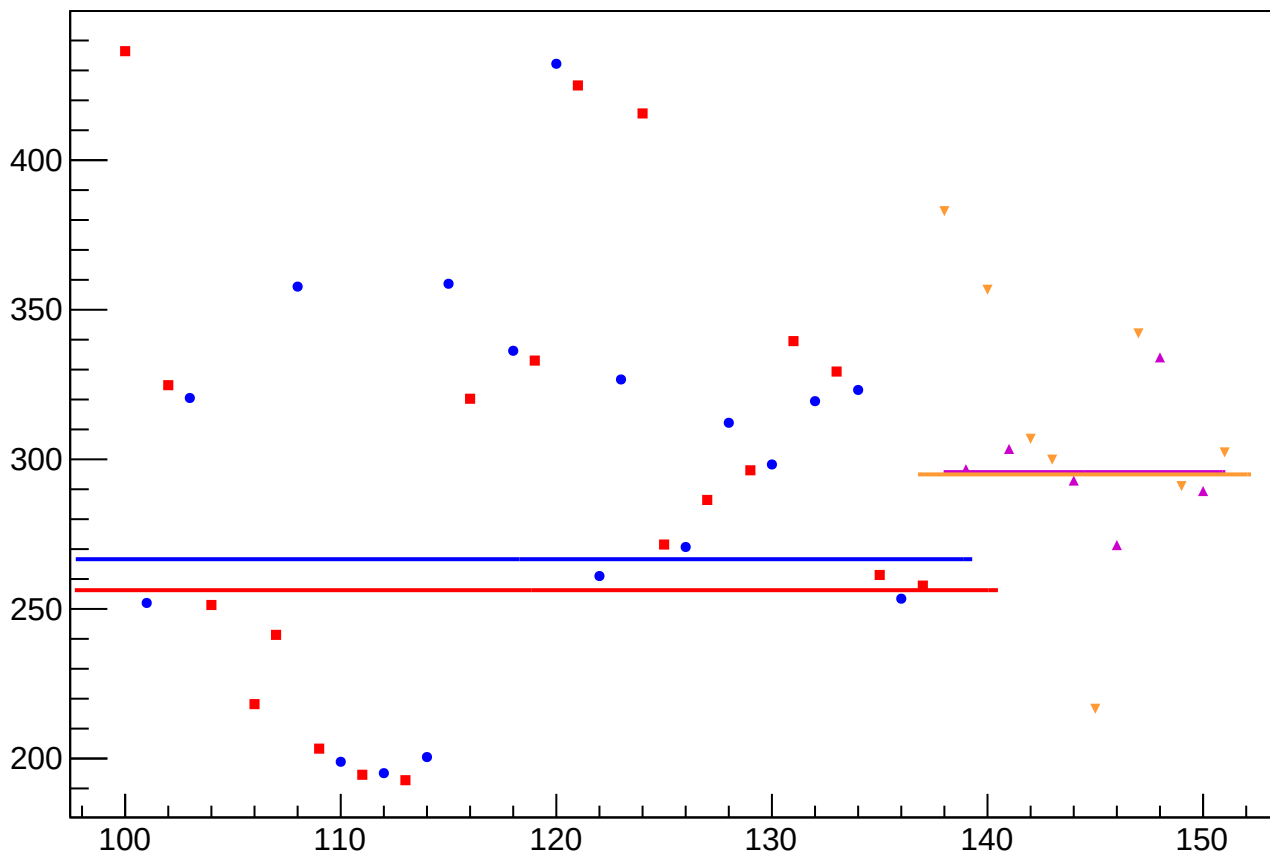
Left In: -268.187 ± 133.864 χ^2/NDF : 3.2/5

+ sign 128.157 ± 80.718 χ^2/NDF : 25.8/24

All: -71.474 ± 56.747 χ^2/NDF : 55.7/49

- sign -266.559 ± 79.794 χ^2/NDF : 17.8/24

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 294.969 $\pm$ 0.089 χ^2 /NDF: 346760.5/7

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

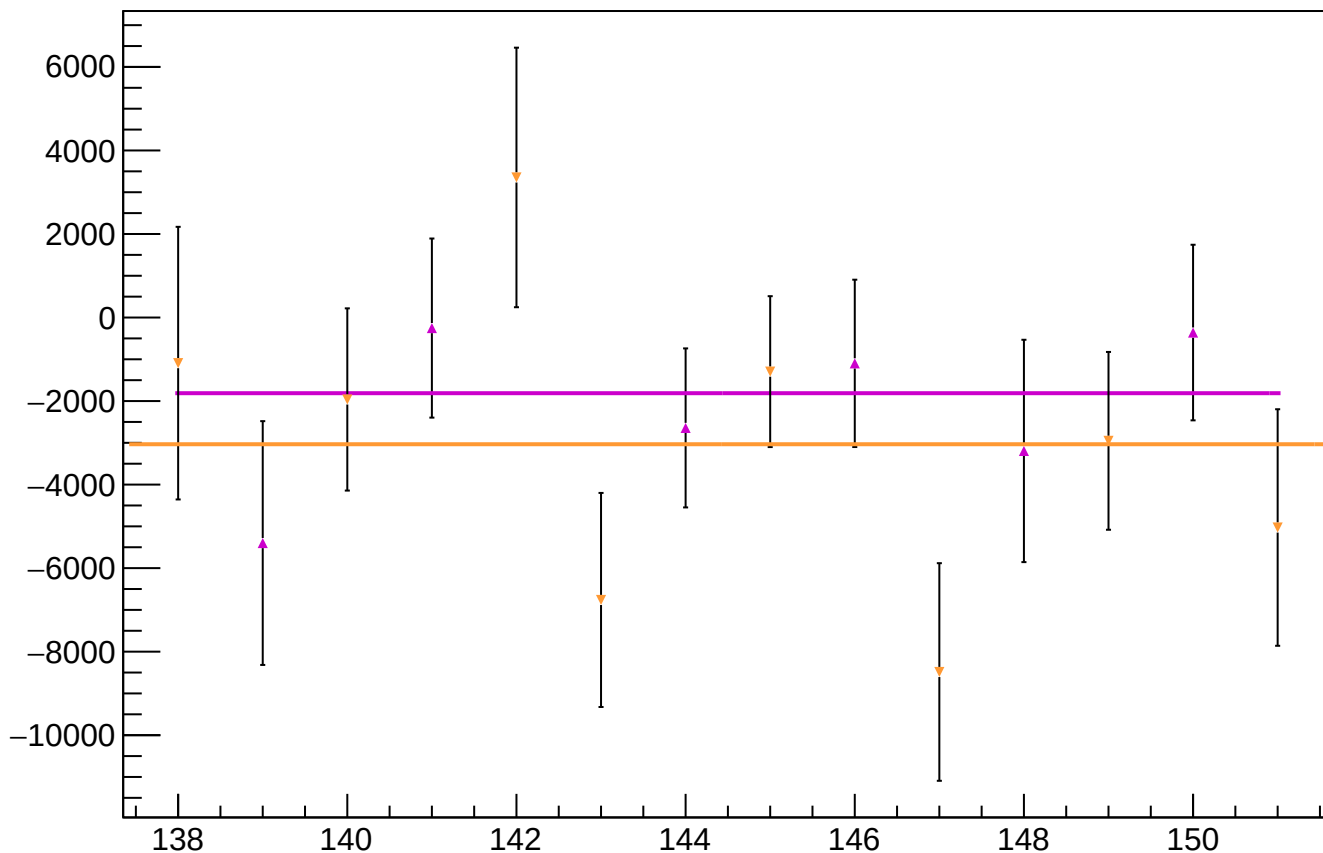
Left In: 295.739 $\pm$ 0.095 χ^2 /NDF: 36294.9/5

+ sign 278.325 $\pm$ 0.057 χ^2 /NDF: 957290.7/24

All: 274.263 $\pm$ 0.040 χ^2 /NDF: 1812597.2/49

- sign 270.293 $\pm$ 0.056 χ^2 /NDF: 845291.0/24

asym_sam4_correction_mean vs Slug



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

Left Out: -3033.711+/-857.776 χ^2/NDF :12.7/7

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

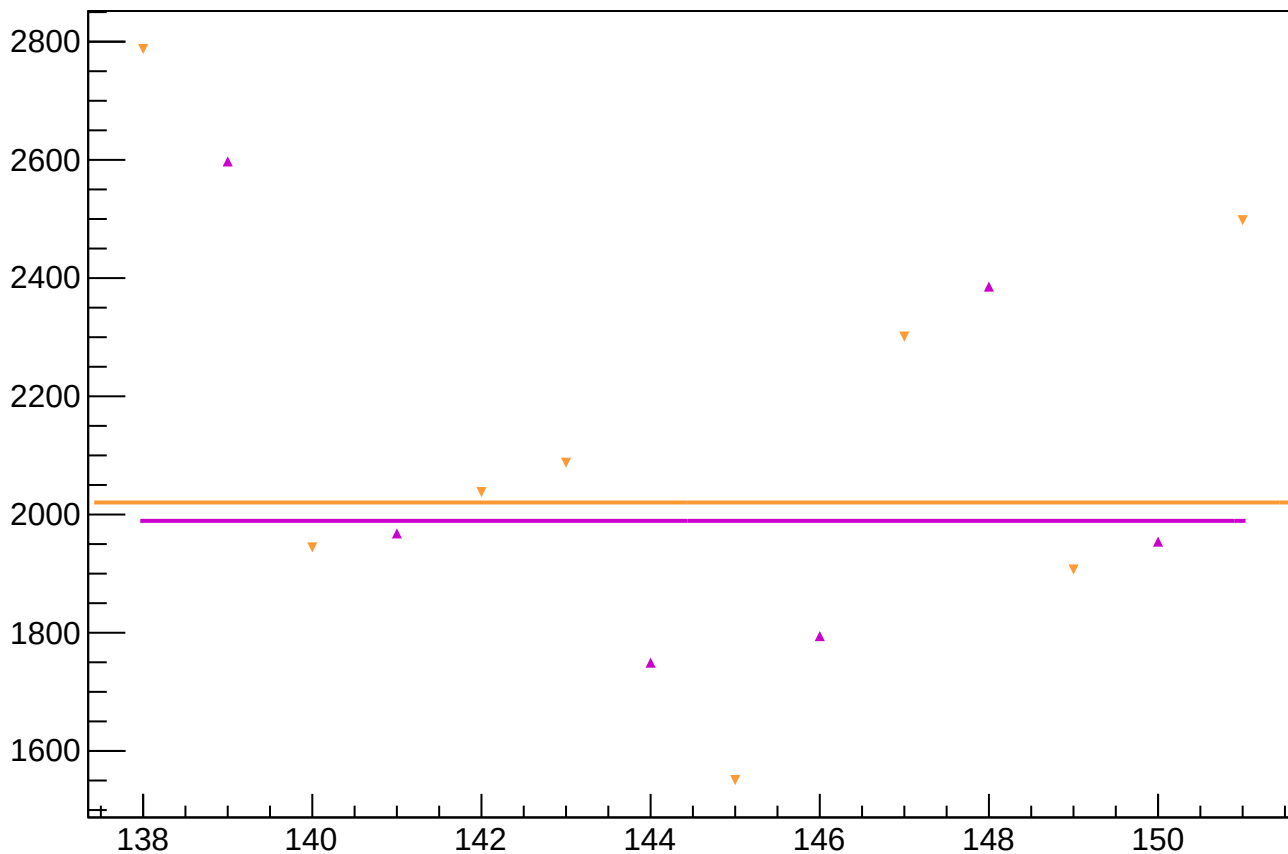
Left In: -1811.680+/-902.579 χ^2/NDF :3.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2453.778+/-621.775 χ^2/NDF : 16.8/13

- 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: 2020.411+/-0.607 χ^2/NDF :335308.4/7

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

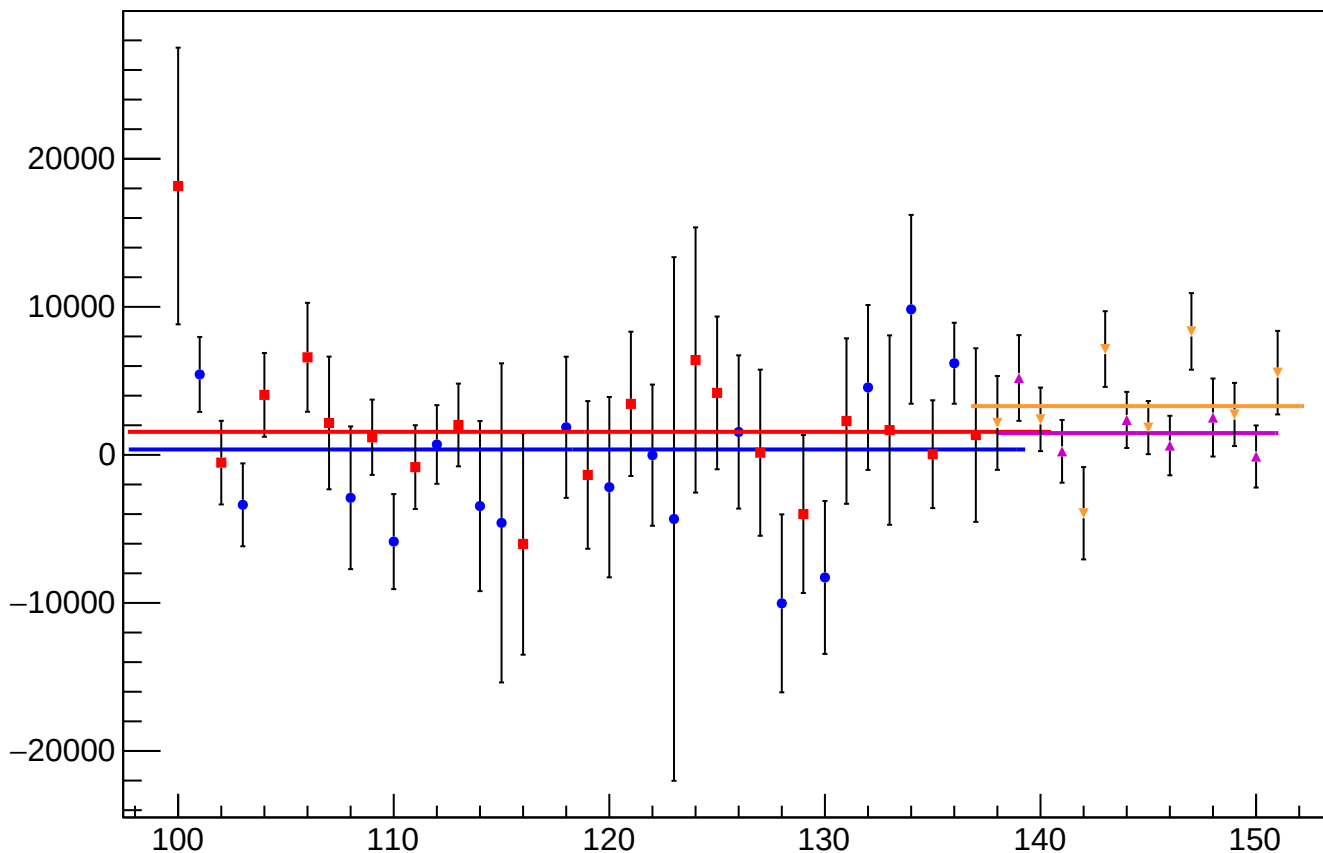
Left In: 1989.276+/-0.638 χ^2/NDF :182648.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.635+/-0.440 χ^2/NDF : 519207.2/13

- 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: 3295.122+/-852.010 χ^2/NDF : 13.1/7

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

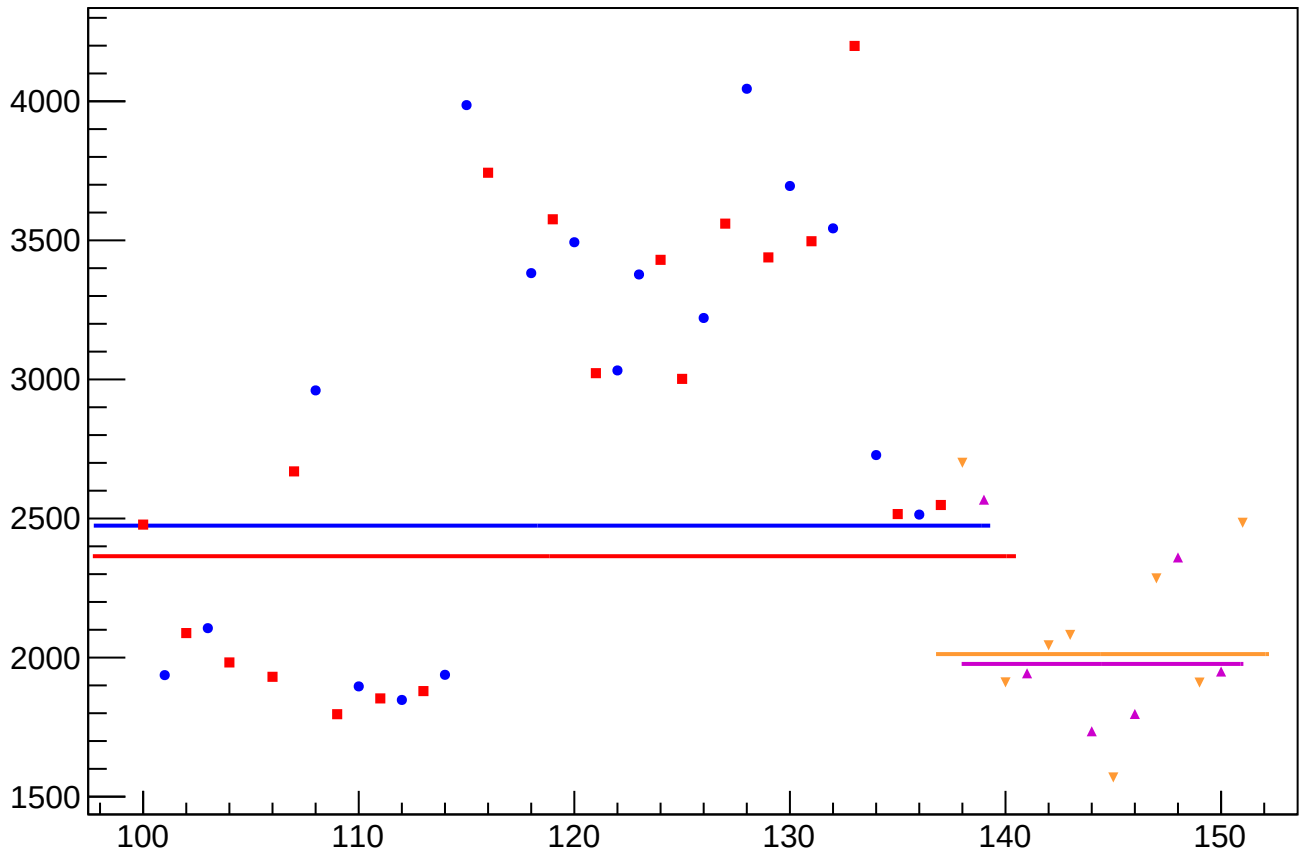
Left In: 1473.029+/-898.117 χ^2/NDF : 3.1/5

+ sign 2052.539+/-646.472 χ^2/NDF : 42.3/24

All: 1782.253+/-456.256 χ^2/NDF : 56.3/49

- sign 1514.011+/-644.021 χ^2/NDF : 13.7/24

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2012.589+/-0.602 χ^2/NDF : 305091.1/7

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

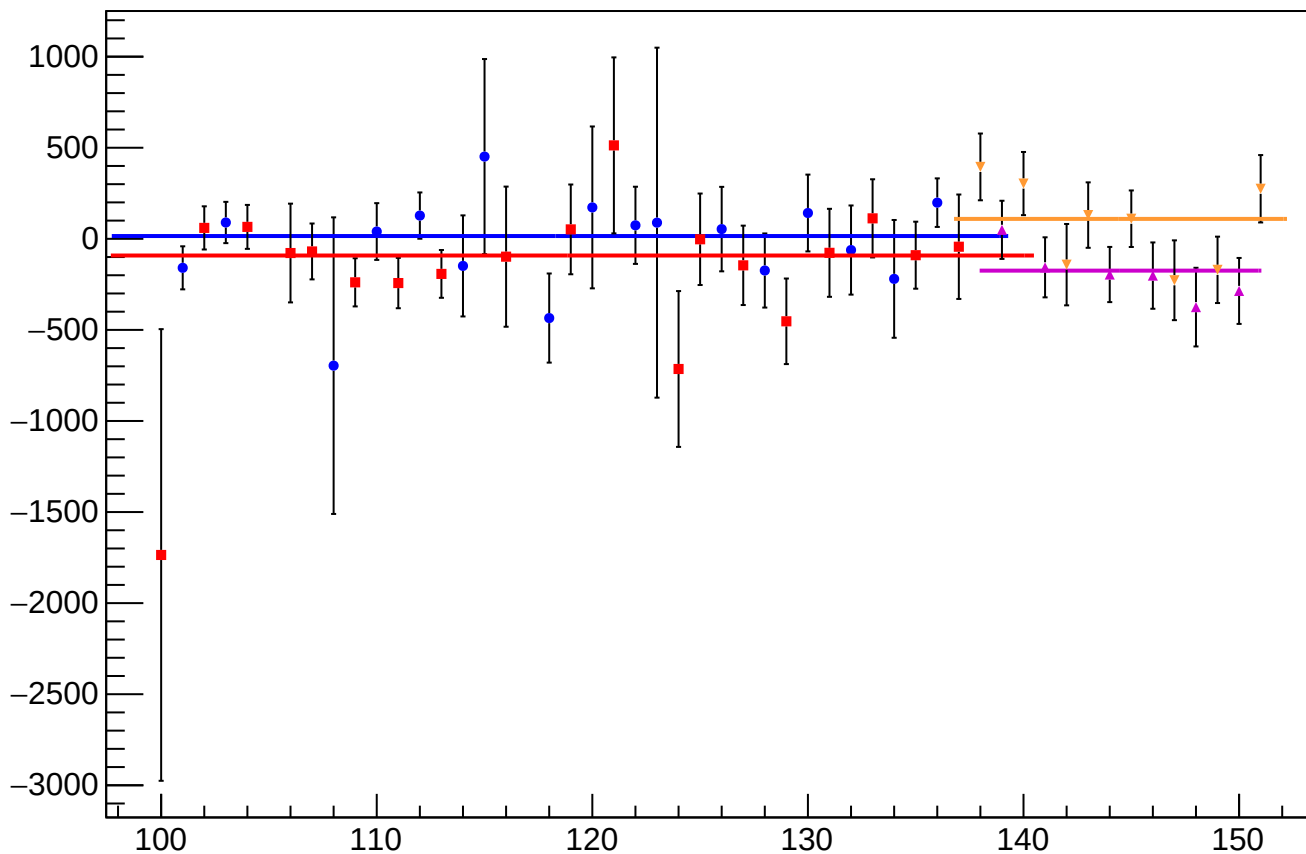
Left In: 1977.207+/-0.635 χ^2/NDF : 175073.8/5

+ sign 2208.523+/-0.457 χ^2/NDF : 1460641.9/24

All: 2186.857+/-0.323 χ^2/NDF : 2844275.6/49

- sign 2165.356+/-0.455 χ^2/NDF : 1379158.3/24

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 109.363+/-65.127 χ^2/NDF : 10.5/7

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

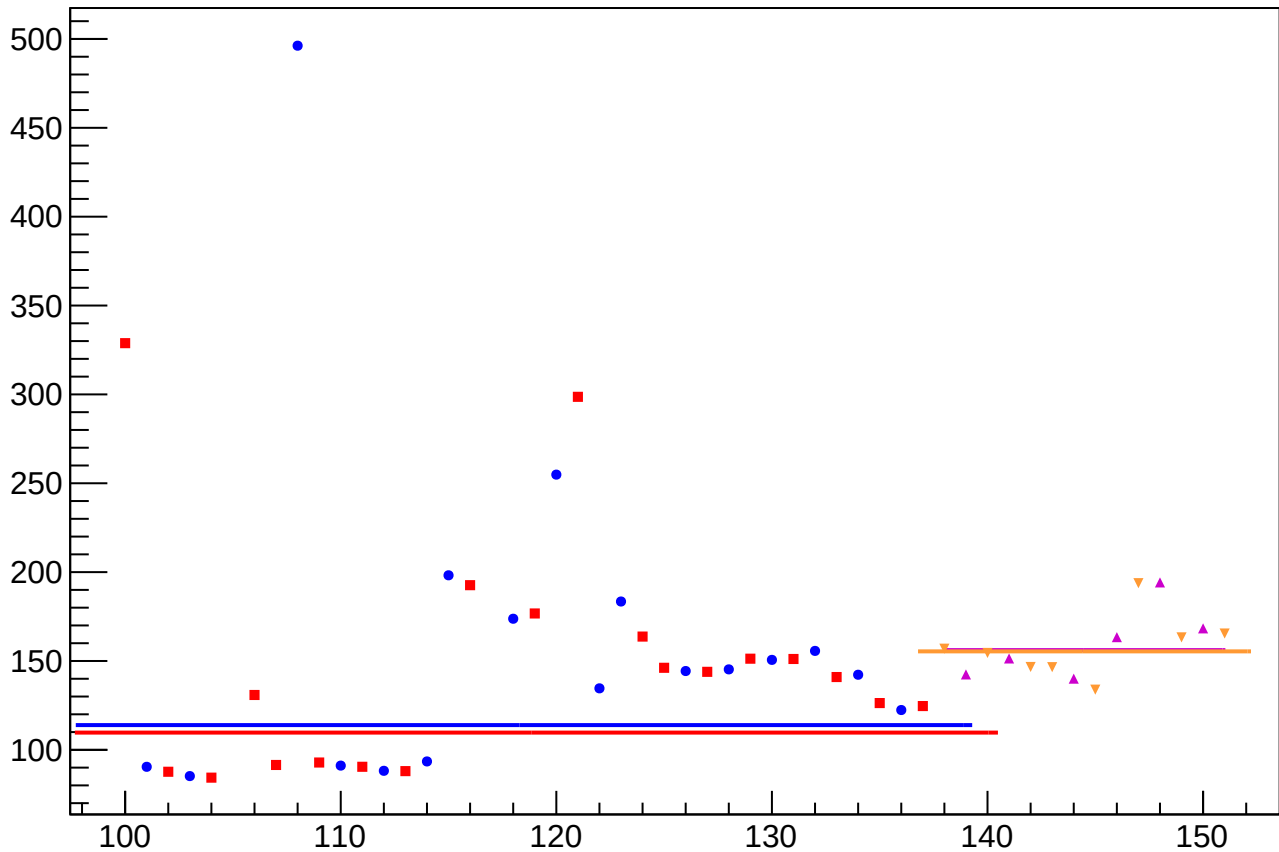
Left In: -174.625+/-70.409 χ^2/NDF : 3.3/5

+ sign 47.011+/-37.813 χ^2/NDF : 24.4/24

All: -35.690+/-26.407 χ^2/NDF : 53.7/49

- sign -114.422+/-36.895 χ^2/NDF : 19.9/24

dit_asym_sam5_rms vs Slug



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 155.410 $\pm$ 0.046 χ^2 /NDF:117713.5/7

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

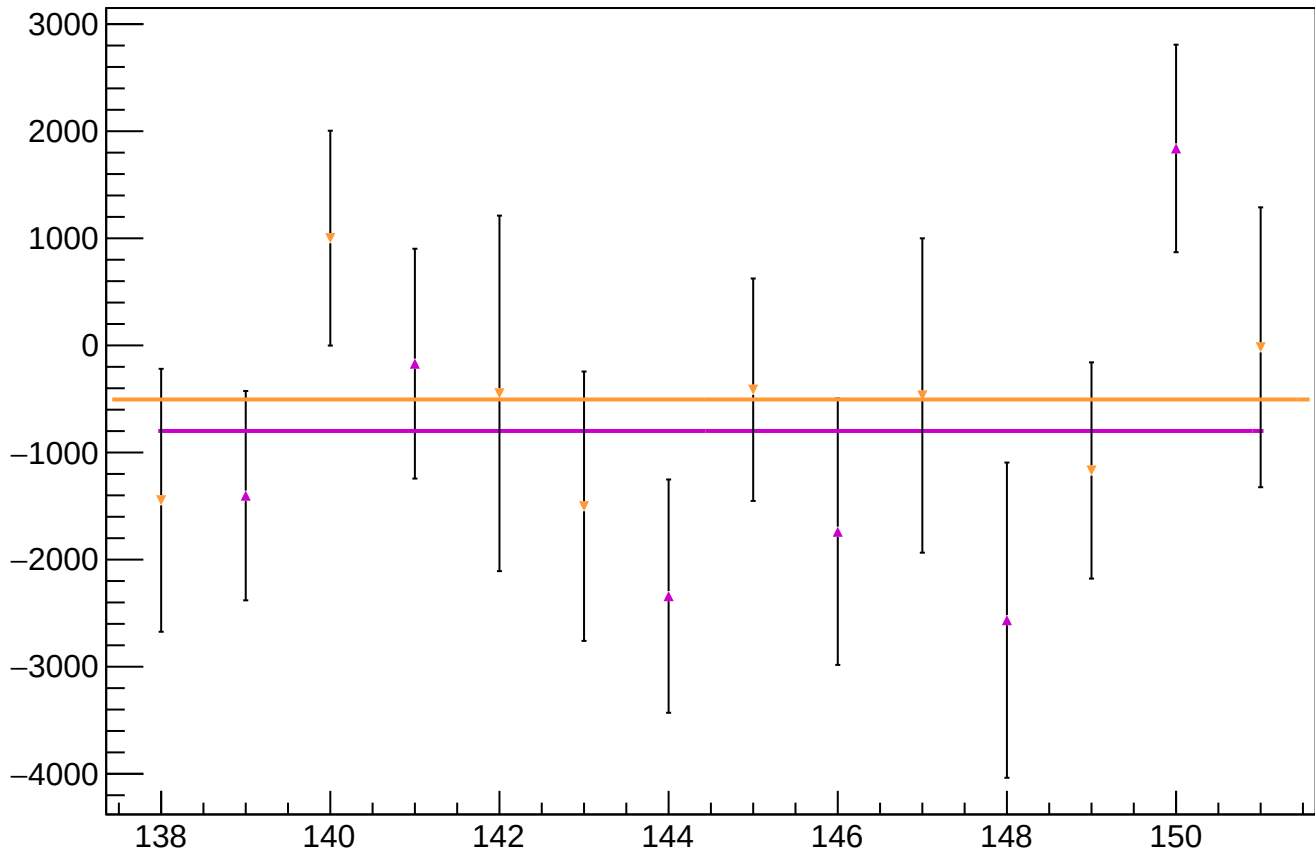
Left In: 156.129 $\pm$ 0.050 χ^2 /NDF:113366.1/5

+ sign 127.915 $\pm$ 0.027 χ^2 /NDF: 2063337.4/24

All: 125.118 $\pm$ 0.019 χ^2 /NDF: 4070690.2/49

- sign 122.456 $\pm$ 0.026 χ^2 /NDF: 1985998.4/24

asym_sam5_correction_mean vs Slug



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

Left Out: -504.772+/-422.143 χ^2/NDF : 4.1/7

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

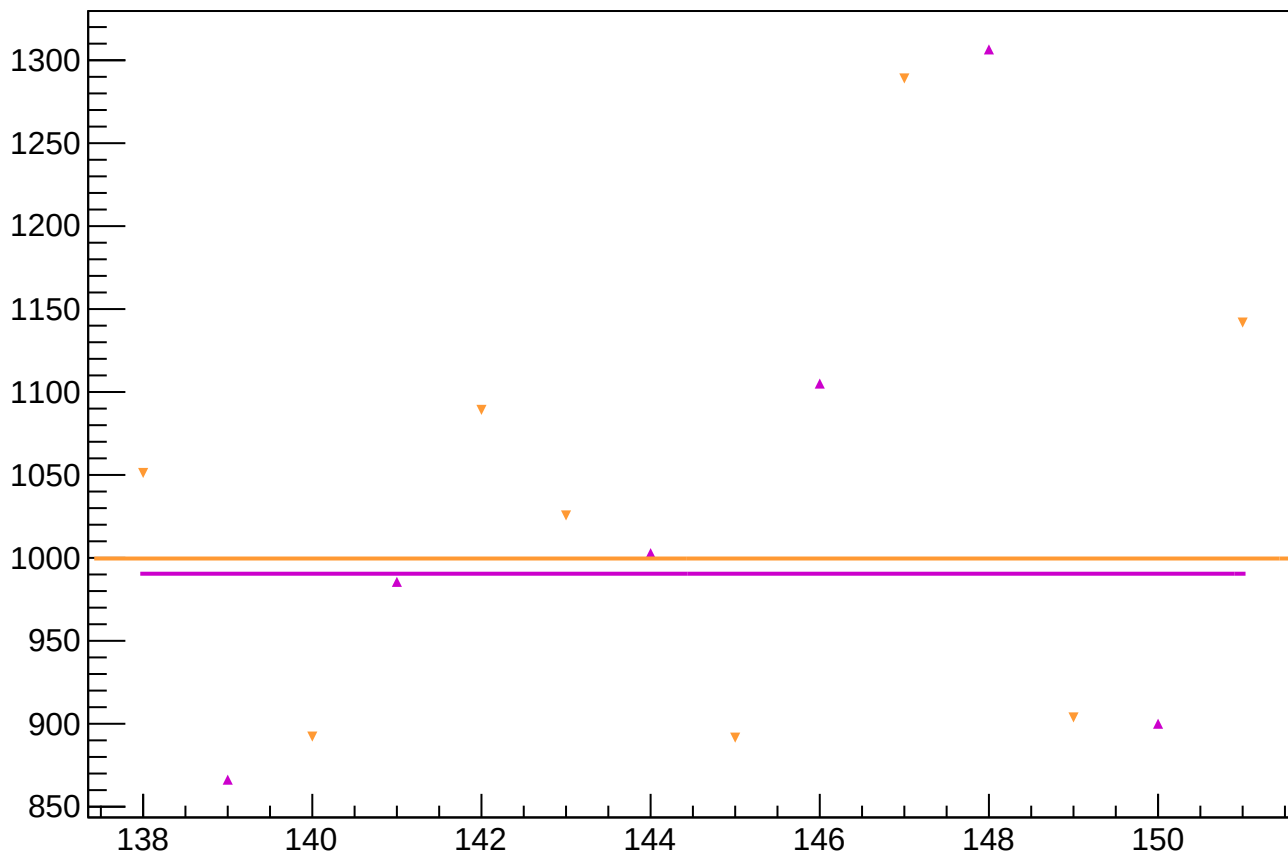
Left In: -798.800+/-450.291 χ^2/NDF : 12.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -642.310+/-307.971 χ^2/NDF : 16.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug



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

Left Out: 999.623+/-0.299 χ^2/NDF :174237.2/7

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

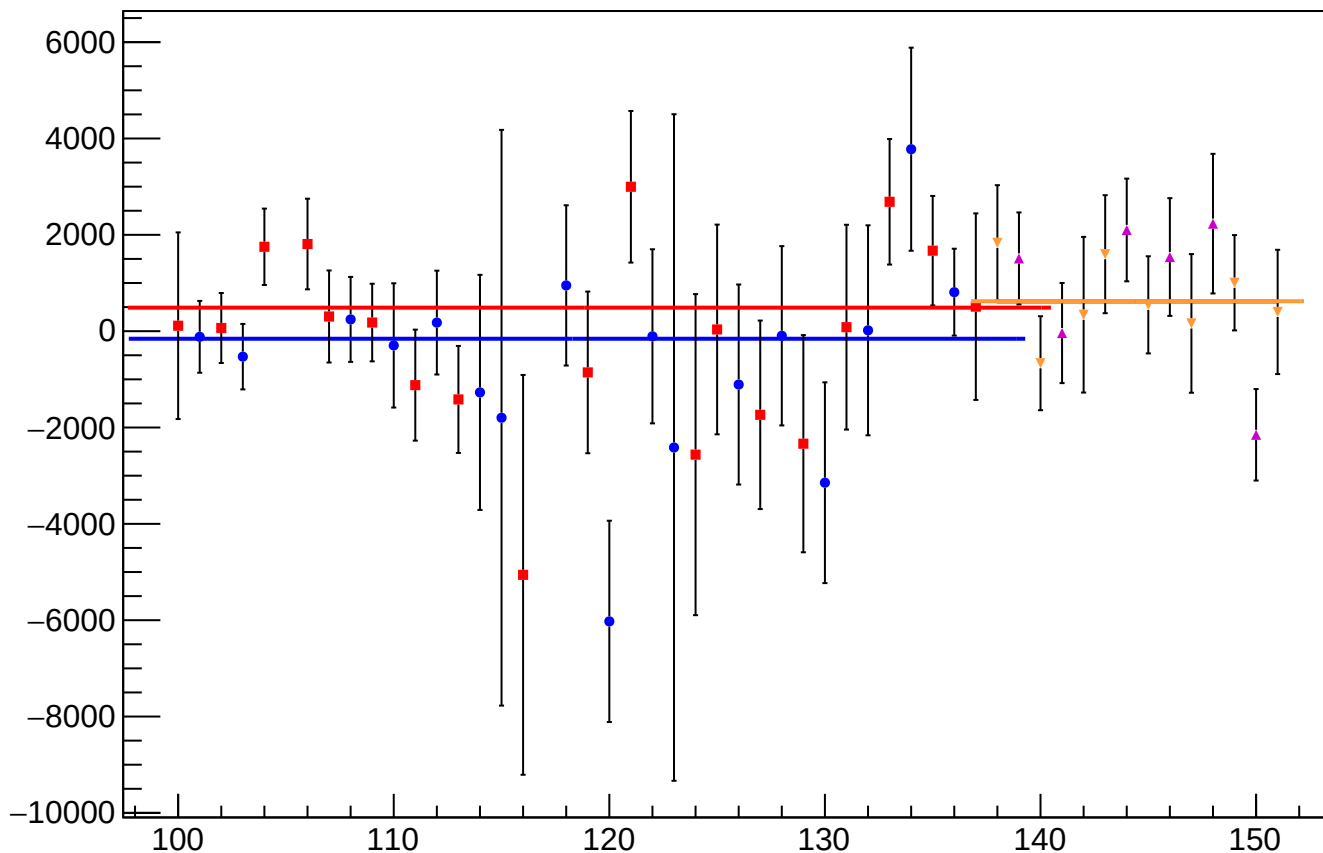
Left In: 990.455+/-0.318 χ^2/NDF :159229.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 995.335+/-0.218 χ^2/NDF : 333907.5/13

- 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: 621.921 ± 412.122 χ^2/NDF : 3.7/7

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

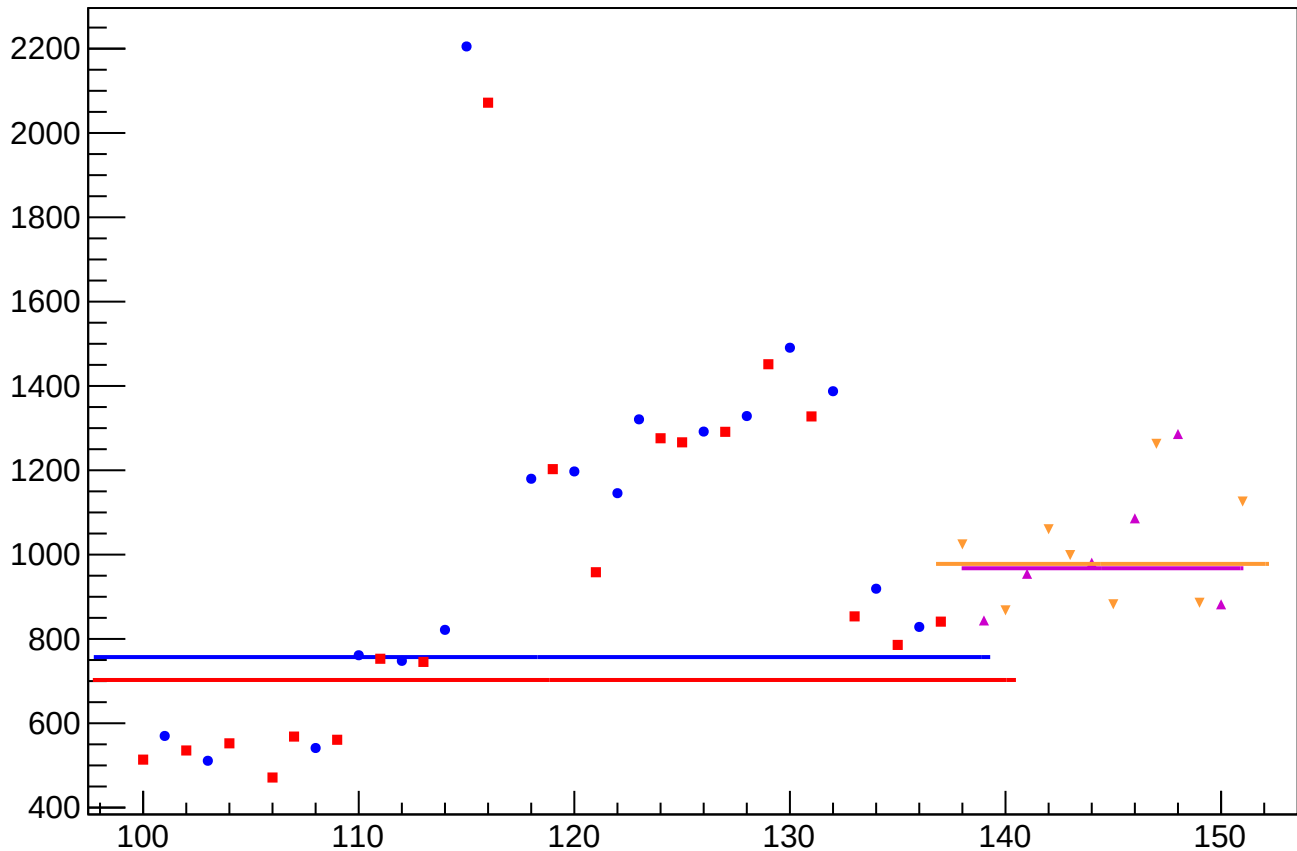
Left In: 616.363 ± 440.304 χ^2/NDF : 13.5/5

+ sign 127.246 ± 249.008 χ^2/NDF : 22.2/24

All: 335.640 ± 172.022 χ^2/NDF : 59.8/49

- sign 525.893 ± 237.923 χ^2/NDF : 36.2/24

asym_sam5_rms vs Slug



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

Left Out: 977.980 ± 0.291 χ^2/NDF : 174267.4/7

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

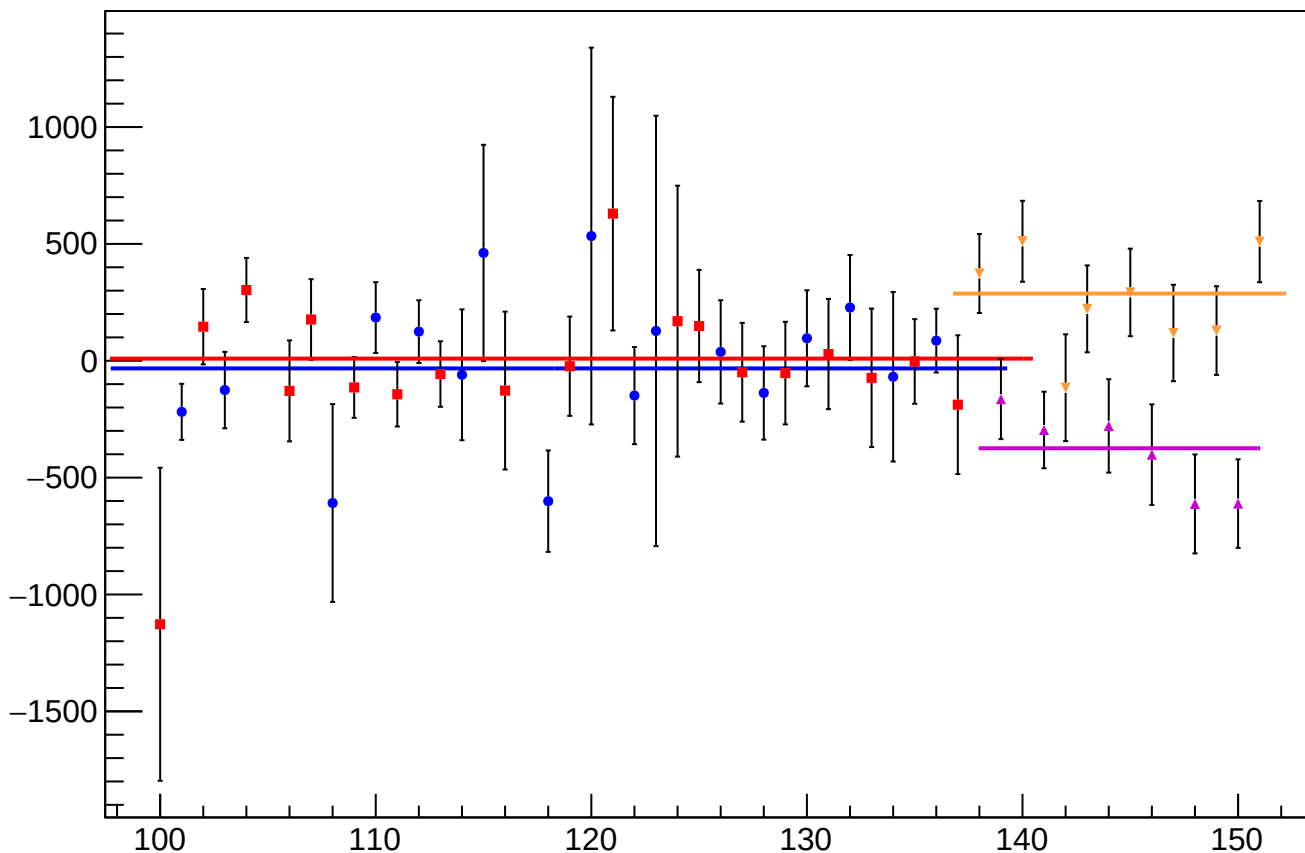
Left In: 967.609 ± 0.311 χ^2/NDF : 165842.5/5

+ sign 837.663 ± 0.176 χ^2/NDF : 2250701.5/24

All: 807.530 ± 0.122 χ^2/NDF : 4674898.2/49

- sign 780.019 ± 0.168 χ^2/NDF : 2368168.5/24

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 287.535 ± 66.029 χ^2/NDF : 8.2/7

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

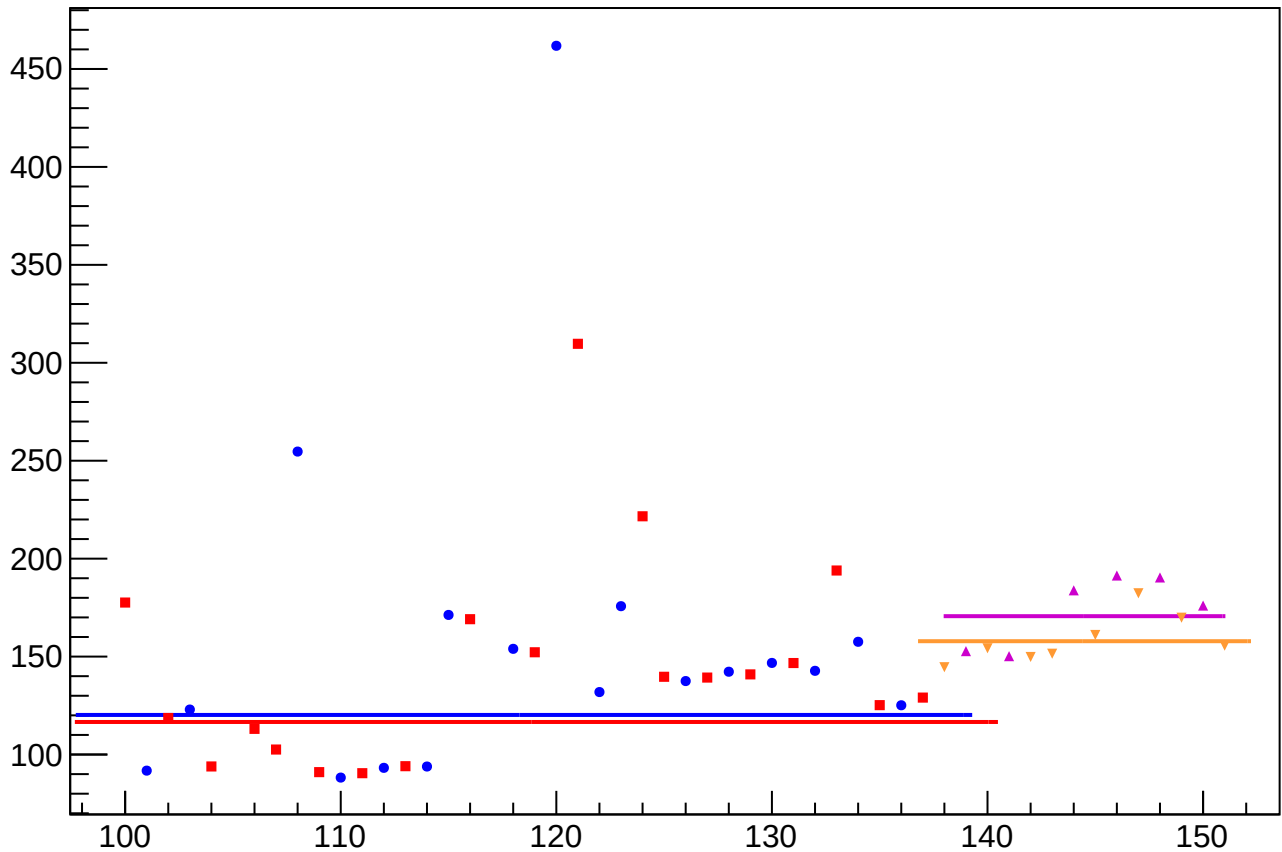
Left In: -374.392 ± 77.085 χ^2/NDF : 4.8/5

+ sign 79.324 ± 39.052 χ^2/NDF : 43.2/24

All: -5.006 ± 27.683 χ^2/NDF : 90.4/49

- sign -90.178 ± 39.247 χ^2/NDF : 37.9/24

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 157.856 $\pm$ 0.047 χ^2 /NDF: 55147.4/7

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

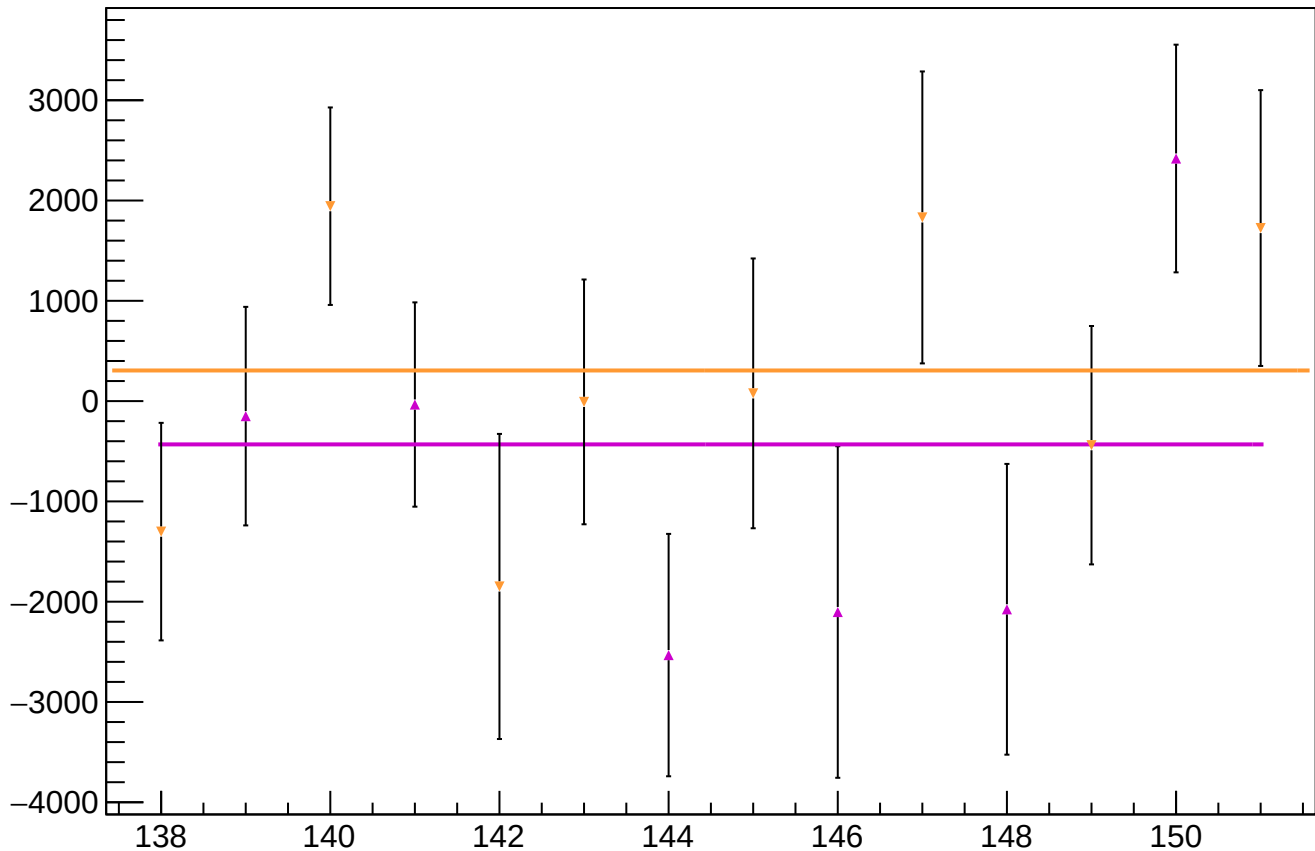
Left In: 170.633 $\pm$ 0.055 χ^2 /NDF: 99271.4/5

+ sign 133.377 $\pm$ 0.028 χ^2 /NDF: 1540255.2/24

All: 132.005 $\pm$ 0.020 χ^2 /NDF: 3369896.9/49

- sign 130.620 $\pm$ 0.028 χ^2 /NDF: 1824683.3/24

asym_sam6_correction_mean vs Slug



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

Left Out: 305.469 ± 436.578 χ^2/NDF : 9.6/7

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

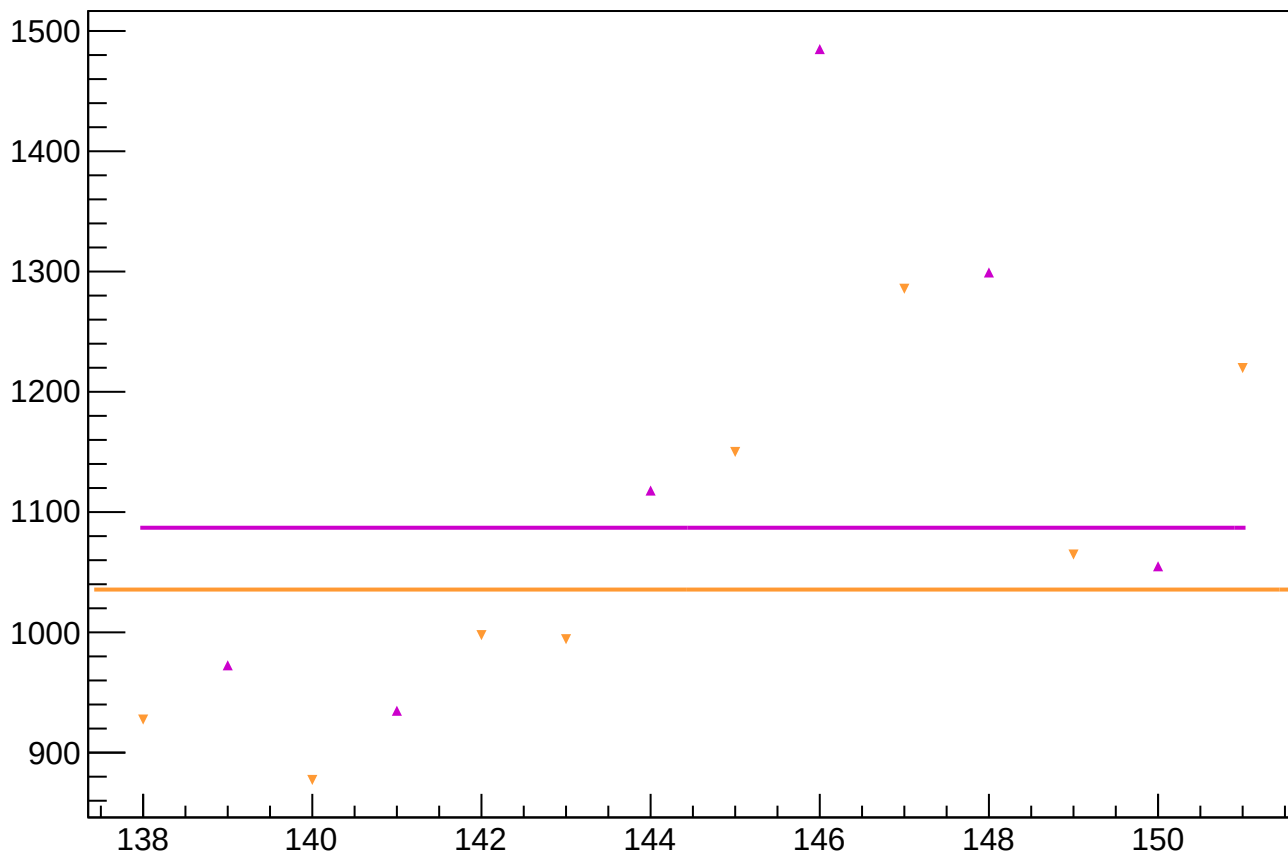
Left In: -431.632 ± 493.330 χ^2/NDF : 11.9/5

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.264 ± 326.939 χ^2/NDF : 22.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug



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

Left Out: 1035.580+/-0.309 χ^2/NDF :185684.2/7

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

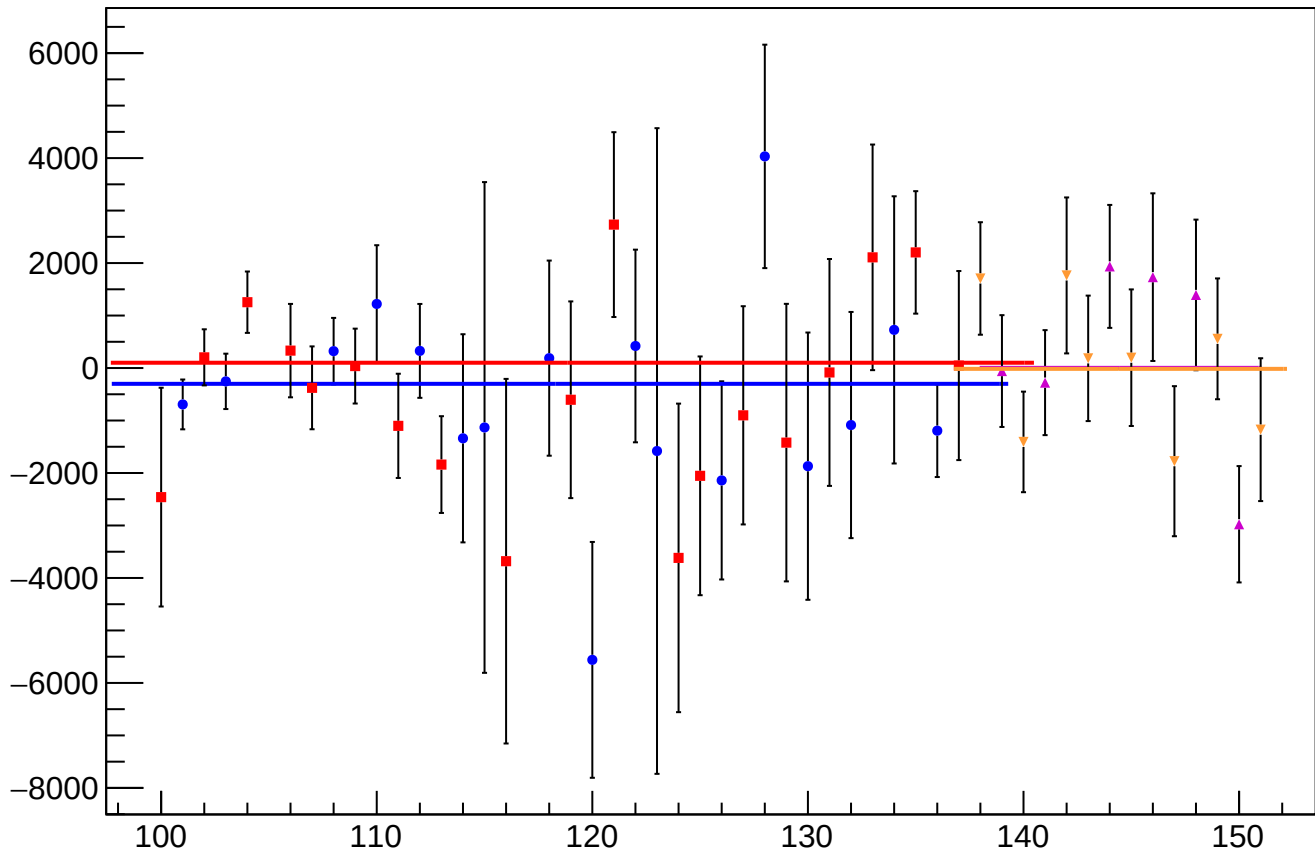
Left In: 1086.975+/-0.349 χ^2/NDF :228381.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.153+/-0.231 χ^2/NDF : 426239.6/13

- 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: -15.688 ± 426.906 χ^2/NDF : 8.7/7

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

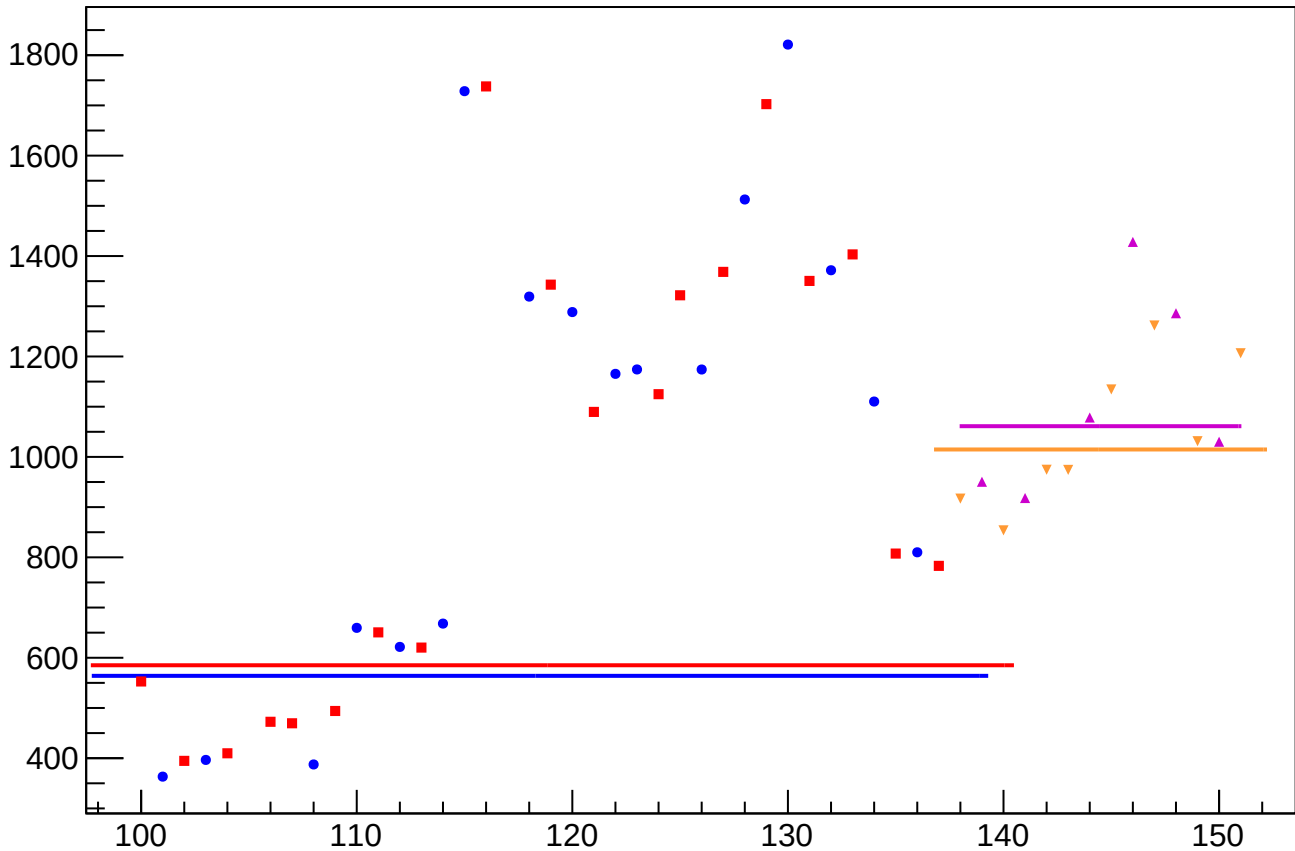
Left In: 3.401 ± 482.165 χ^2/NDF : 12.1/5

+ sign -228.123 ± 215.758 χ^2/NDF : 25.8/24

All: -76.080 ± 153.737 χ^2/NDF : 61.6/49

- sign 80.731 ± 219.114 χ^2/NDF : 34.7/24

asym_sam6_rms vs Slug



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

Left Out: 1014.792 $\pm$ 0.302 χ^2 /NDF:193584.5/7

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

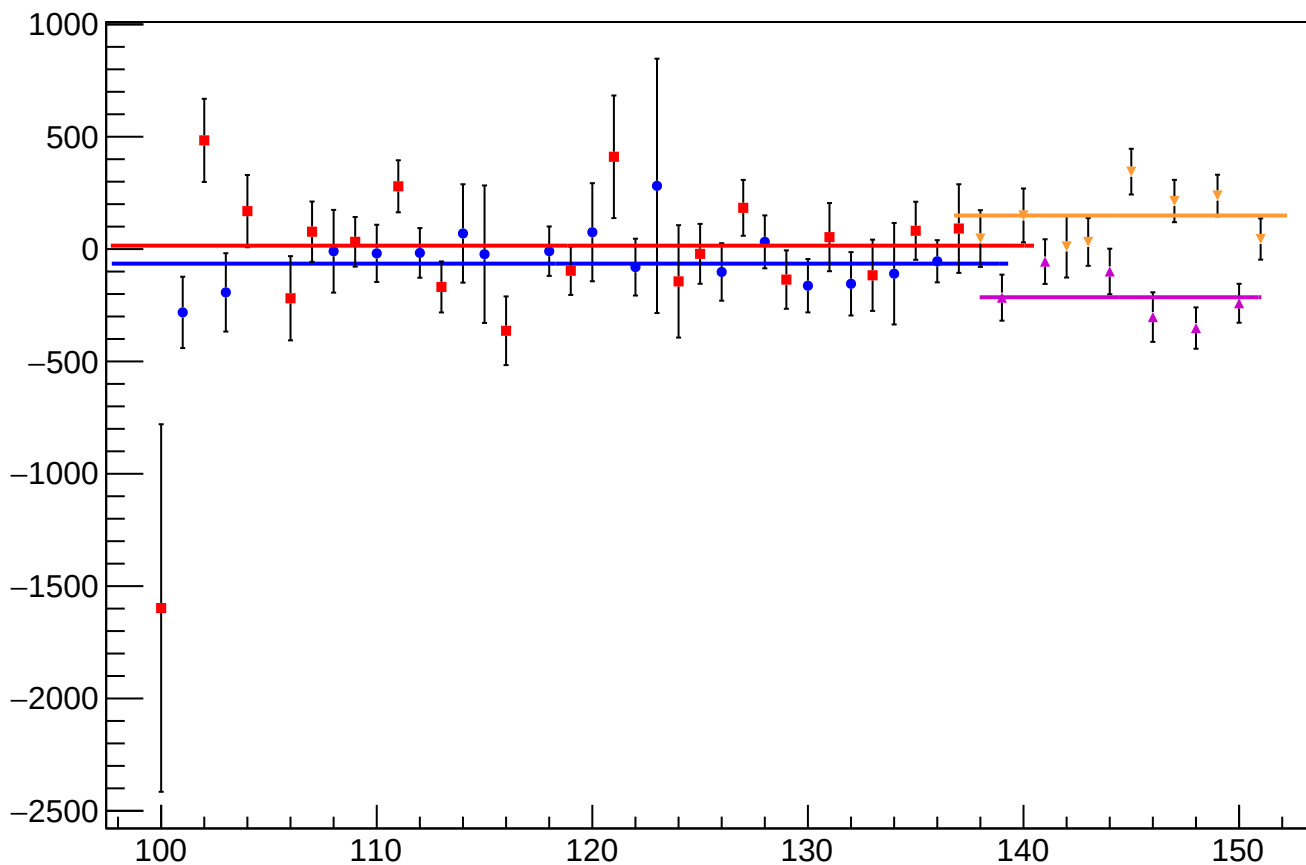
Left In: 1061.170 $\pm$ 0.341 χ^2 /NDF:219218.0/5

+ sign 679.148 $\pm$ 0.153 χ^2 /NDF: 5115495.1/24

All: 681.237 $\pm$ 0.109 χ^2 /NDF: 9703236.9/49

- sign 683.391 $\pm$ 0.155 χ^2 /NDF: 4587360.9/24

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 149.504 ± 37.335 χ^2/NDF : 9.2/7

Right Out: 15.294 ± 33.422 χ^2/NDF : 35.0/18

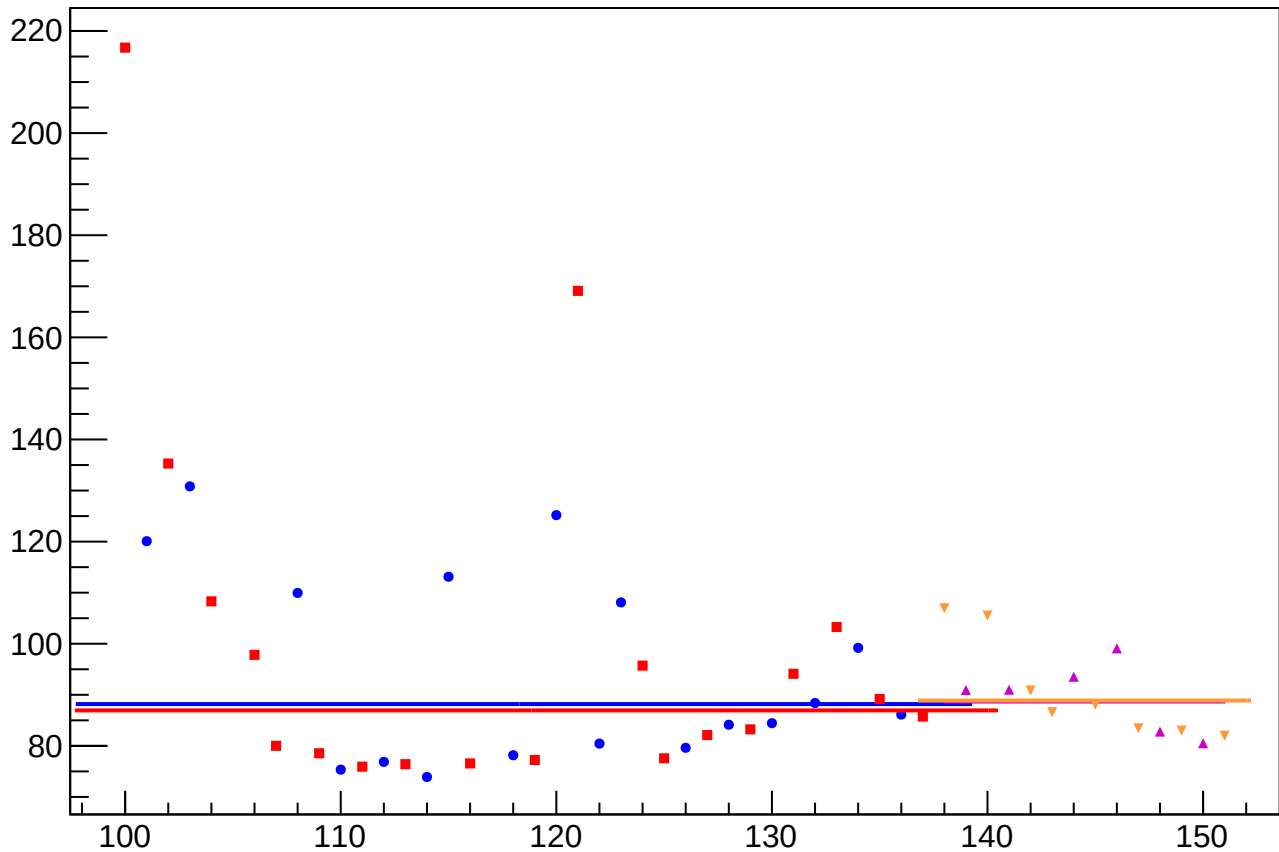
Left In: -214.403 ± 39.924 χ^2/NDF : 6.8/5

+ sign 34.308 ± 25.389 χ^2/NDF : 33.1/24

All: -21.991 ± 18.036 χ^2/NDF : 104.3/49

- sign -79.349 ± 25.627 χ^2/NDF : 61.2/24

dit_asym_sam7_rms vs Slug



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

Left Out: 88.878 $\pm$ 0.026 χ^2 /NDF: 106976.2/7

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

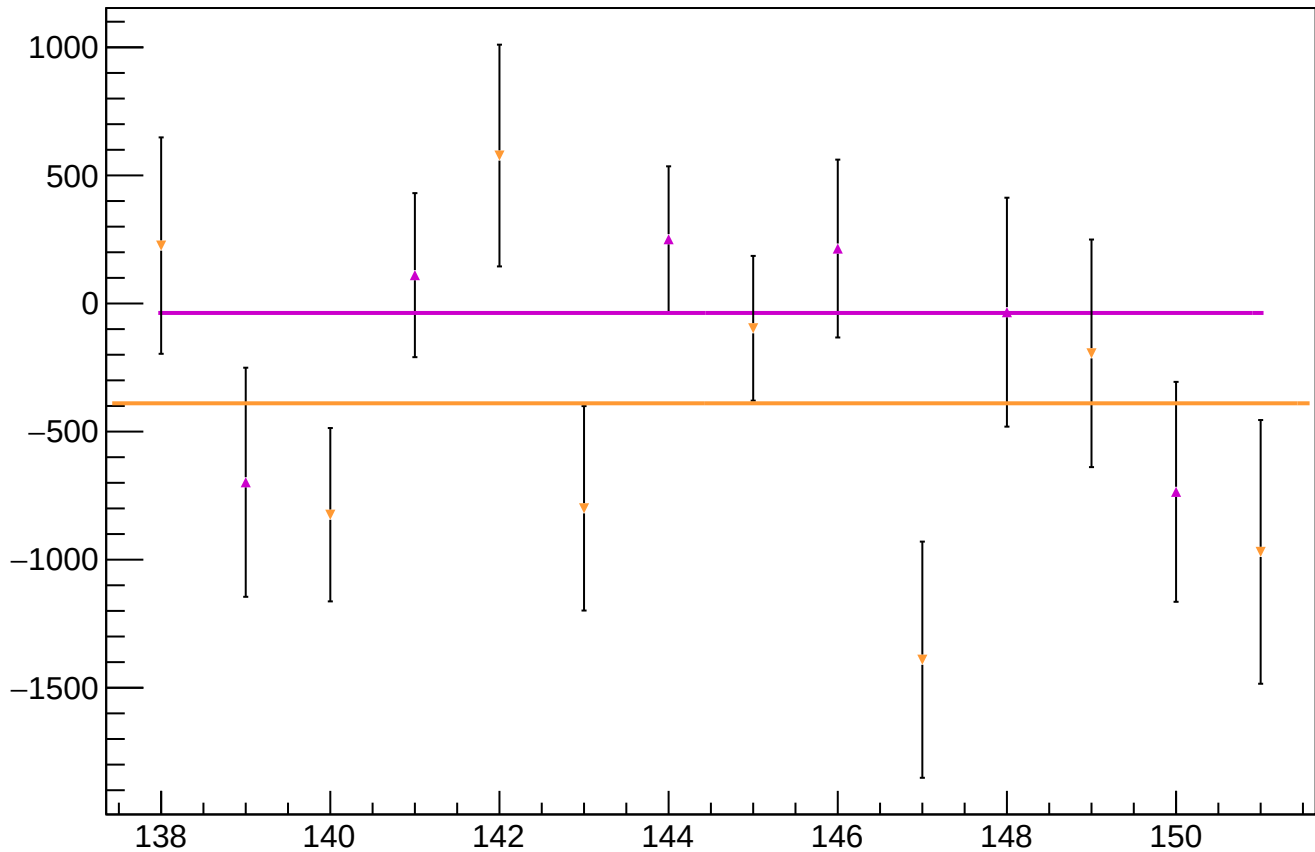
Left In: 88.677 $\pm$ 0.028 χ^2 /NDF: 50378.7/5

+ sign 88.506 $\pm$ 0.018 χ^2 /NDF: 501793.0/24

All: 88.086 $\pm$ 0.013 χ^2 /NDF: 1086857.4/49

- sign 87.658 $\pm$ 0.018 χ^2 /NDF: 583958.0/24

asym_sam7_correction_mean vs Slug



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

Left Out: -389.591+/-138.631 χ^2/NDF : 17.1/7

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

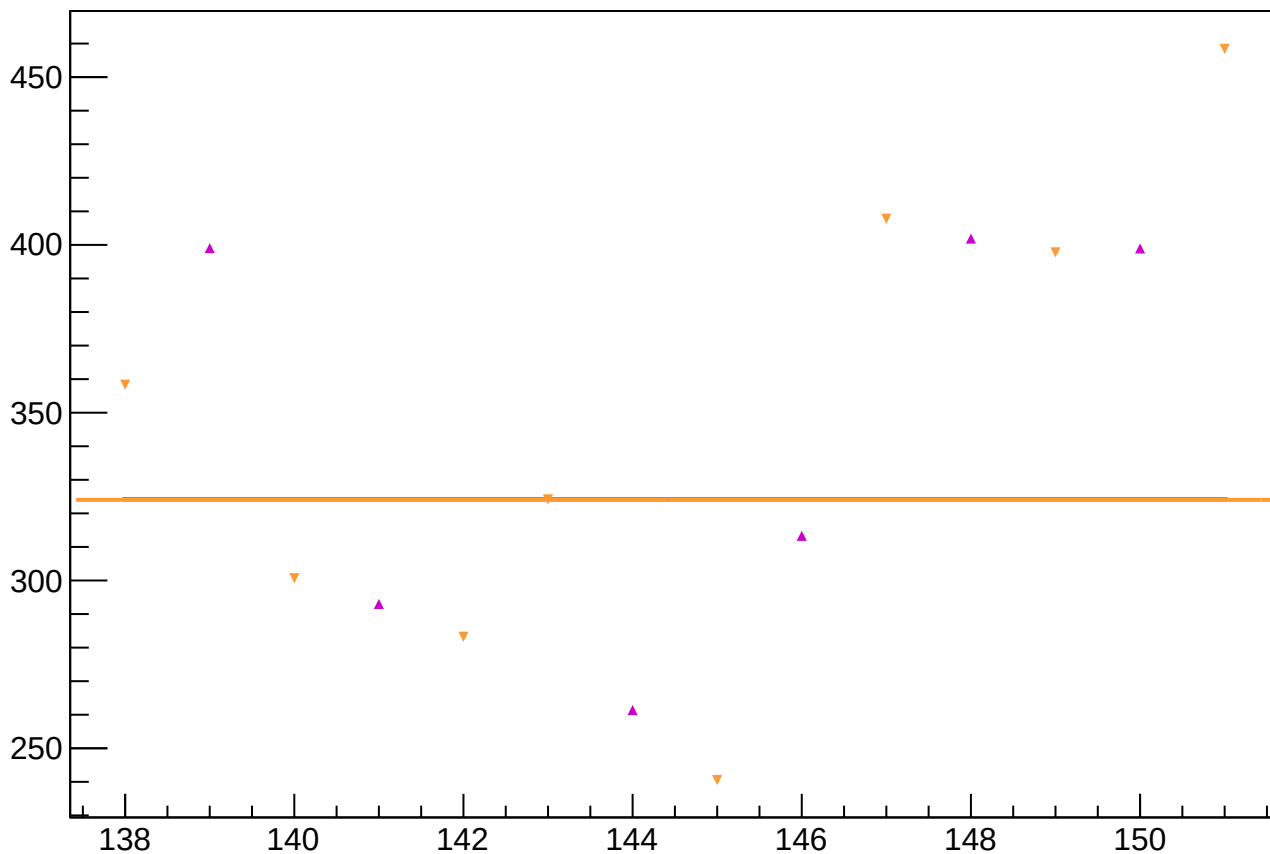
Left In: -36.899+/-147.703 χ^2/NDF : 6.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -224.409+/-101.082 χ^2/NDF : 26.7/13

- 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: 324.037+/-0.098 χ^2/NDF : 472789.9/7

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

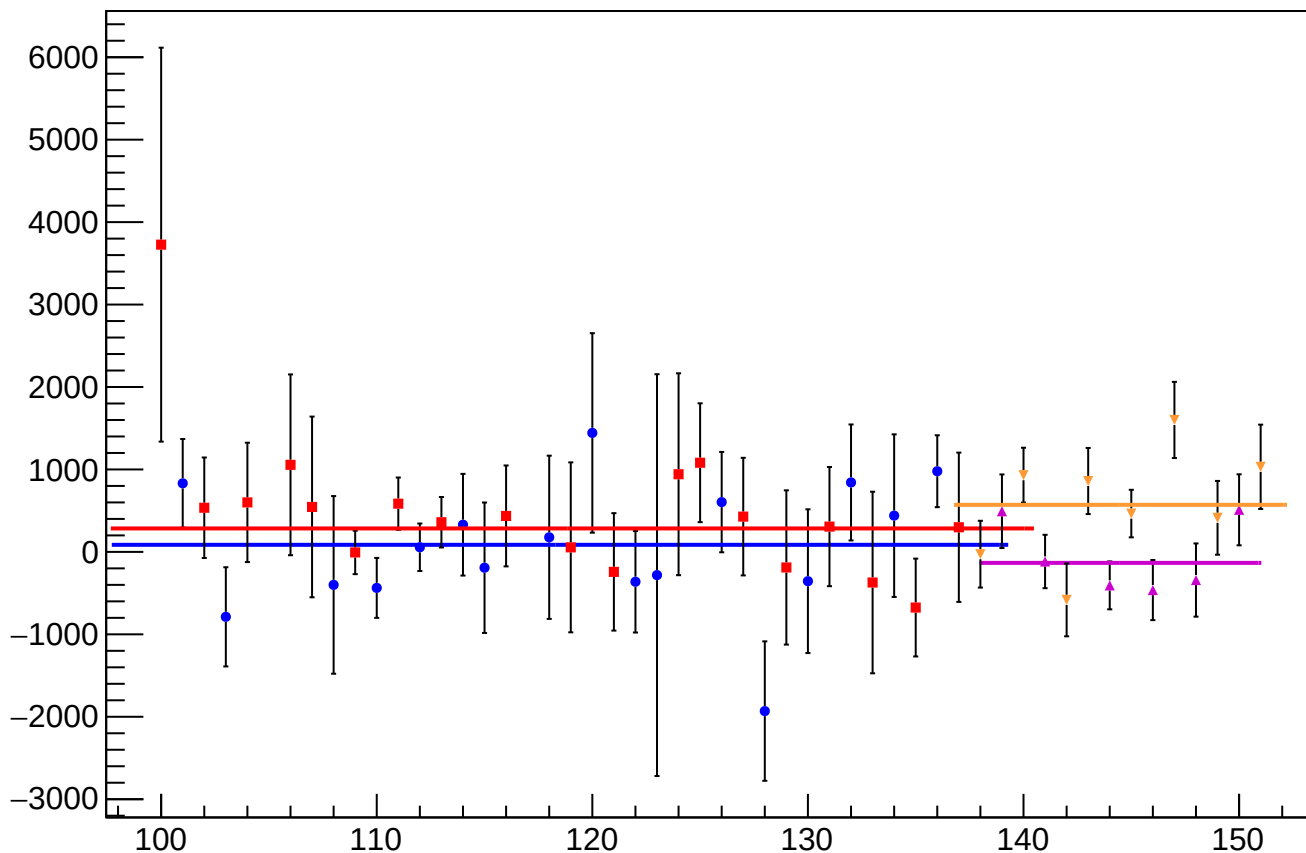
Left In: 324.184+/-0.104 χ^2/NDF : 295432.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.106+/-0.071 χ^2/NDF : 768223.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



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

Left Out: 571.061+/-138.680 χ^2/NDF : 16.7/7

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

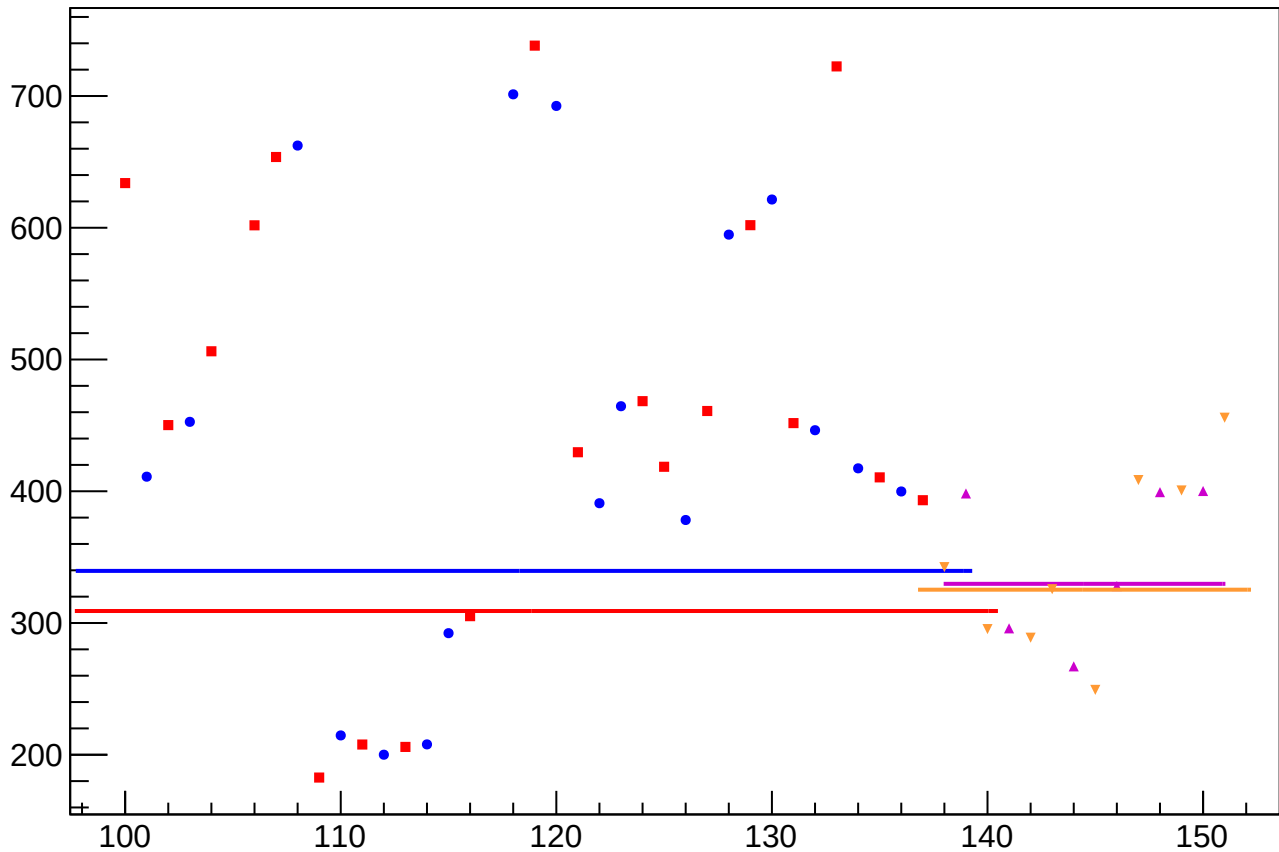
Left In: -133.188+/-150.088 χ^2/NDF : 6.1/5

+ sign 335.197+/-99.419 χ^2/NDF : 43.2/24

All: 219.090+/-69.825 χ^2/NDF : 67.1/49

- sign 106.065+/-98.091 χ^2/NDF : 21.2/24

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Left Out: 325.290+/-0.098 χ^2/NDF : 424307.6/7

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

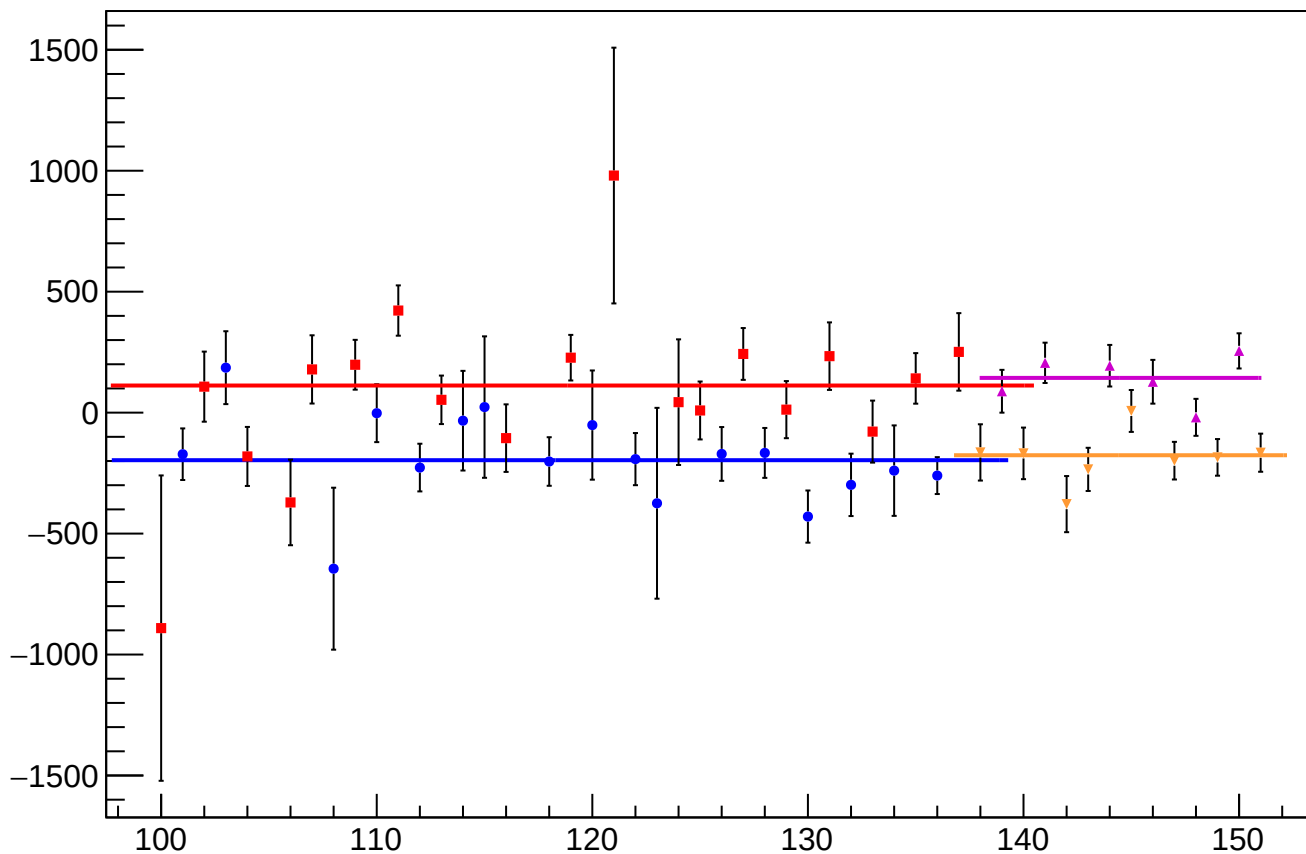
Left In: 329.735+/-0.106 χ^2/NDF : 264622.3/5

+ sign 332.222+/-0.070 χ^2/NDF : 2476834.1/24

All: 324.973+/-0.049 χ^2/NDF : 5514395.5/49

- sign 317.917+/-0.069 χ^2/NDF : 3016578.2/24

dit_asym_sam8_mean vs Slug



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

Left Out: -176.101 $\pm$ 31.692 χ^2 /NDF: 8.1/7

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

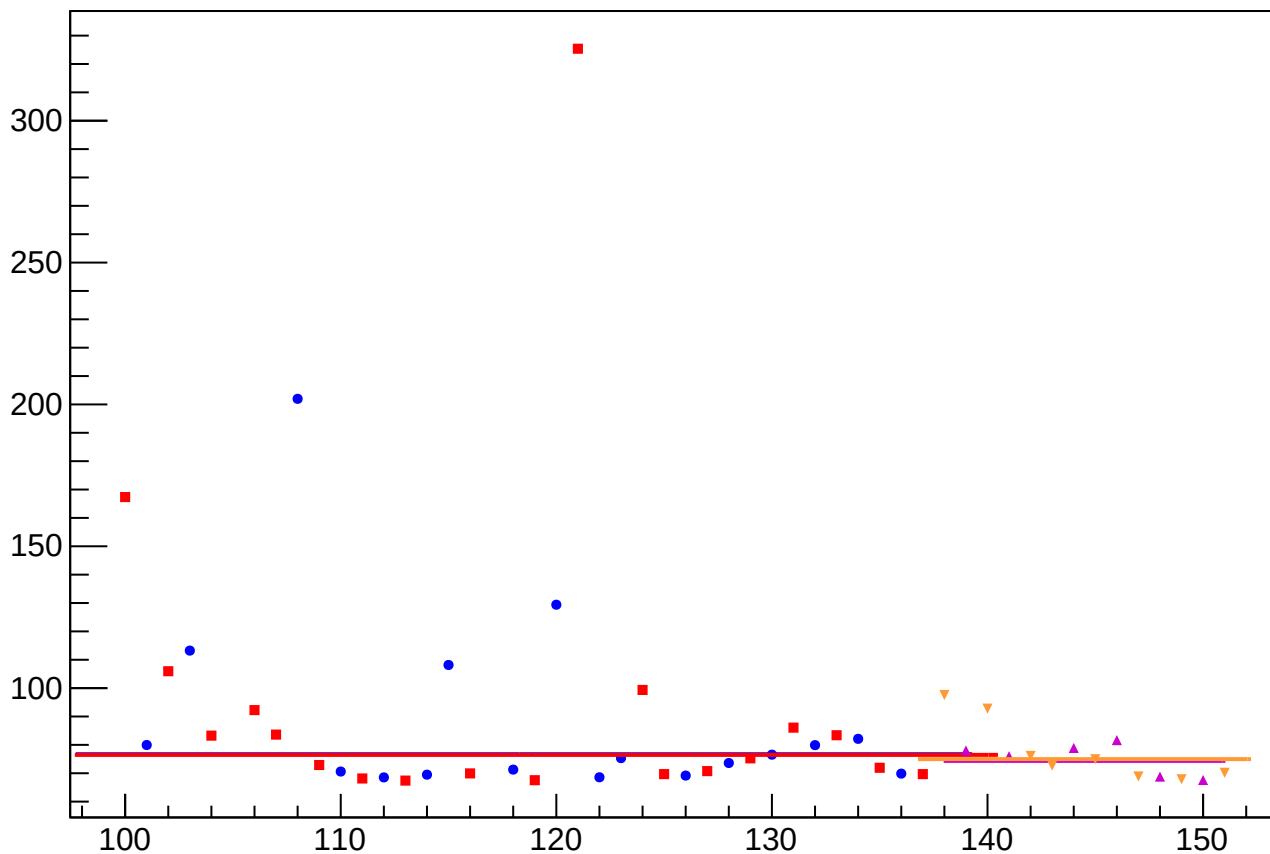
Left In: 143.596 $\pm$ 33.527 χ^2 /NDF: 8.2/5

+ sign -186.777 $\pm$ 21.938 χ^2 /NDF: 27.3/24

All: -32.281 $\pm$ 15.604 χ^2 /NDF: 175.7/49

- sign 125.906 $\pm$ 22.199 χ^2 /NDF: 48.1/24

dit_asym_sam8_rms vs Slug



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

Left Out: 74.977 $\pm$ 0.022 χ^2 /NDF: 170107.9/7

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

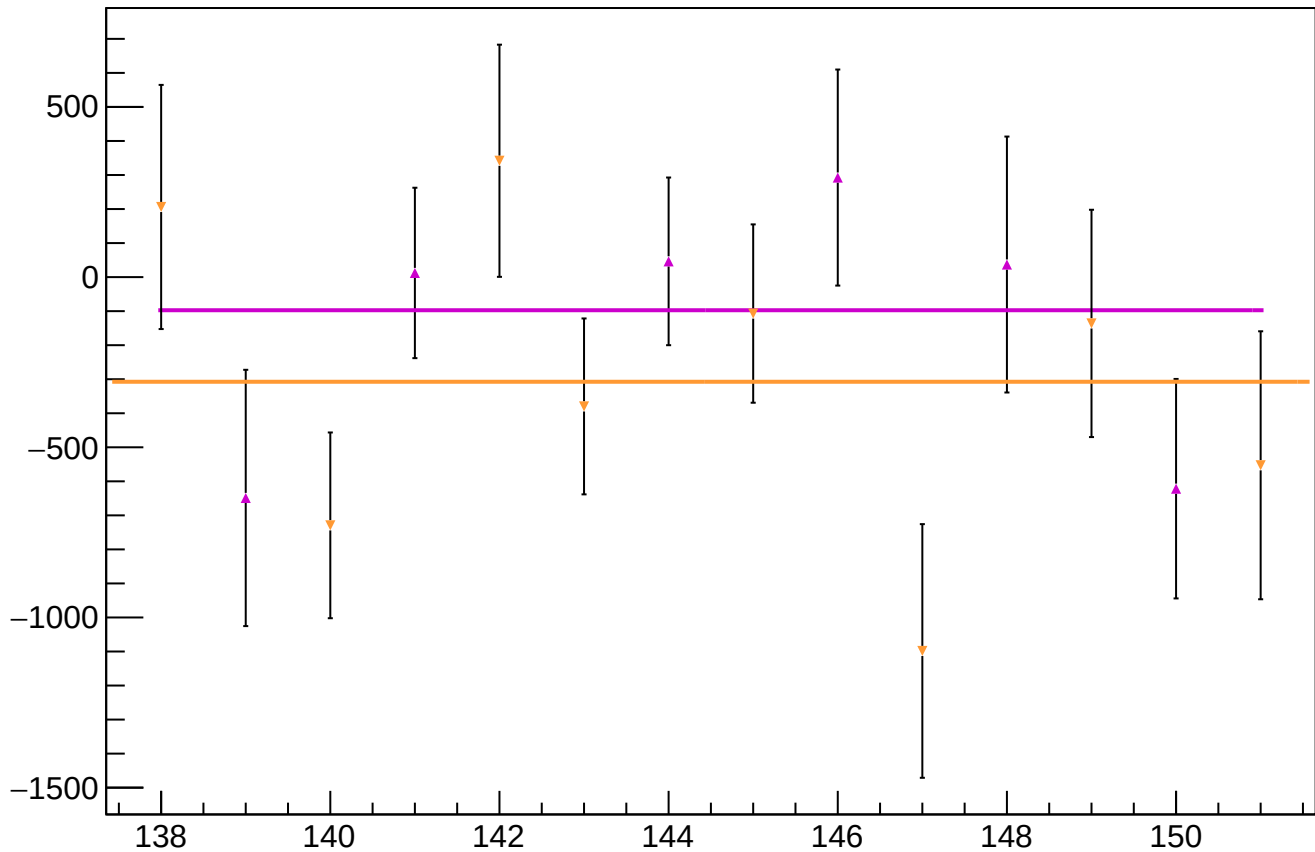
Left In: 74.352 $\pm$ 0.024 χ^2 /NDF: 50639.3/5

+ sign 75.870 $\pm$ 0.016 χ^2 /NDF: 773506.2/24

All: 75.710 $\pm$ 0.011 χ^2 /NDF: 1528241.2/49

- sign 75.547 $\pm$ 0.016 χ^2 /NDF: 754519.8/24

asym_sam8_correction_mean vs Slug



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

Left Out: -307.448+/-110.455 χ^2/NDF :13.9/7

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

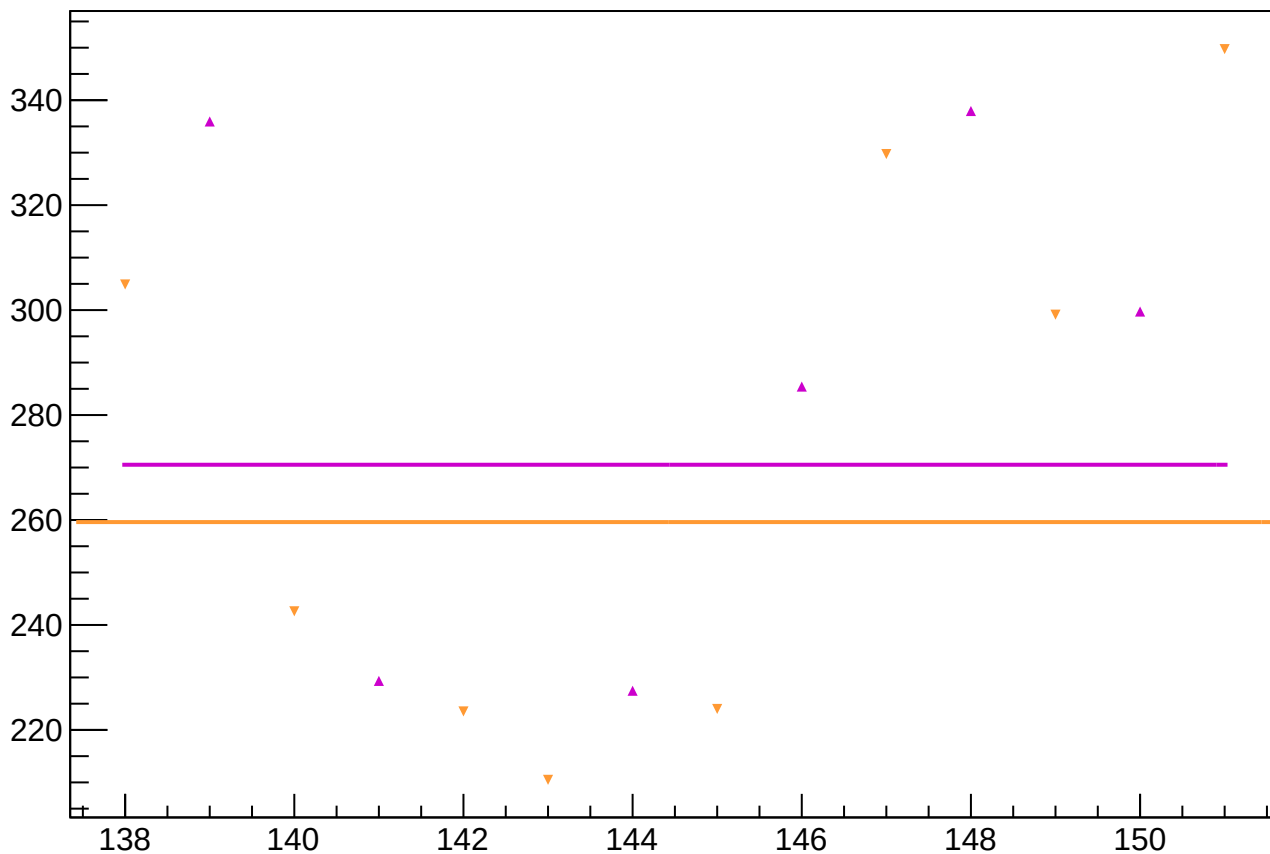
Left In: -97.296+/-122.986 χ^2/NDF :7.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.620+/-82.177 χ^2/NDF : 22.5/13

- 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: 259.606+/-0.078 χ^2/NDF : 374877.1/7

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

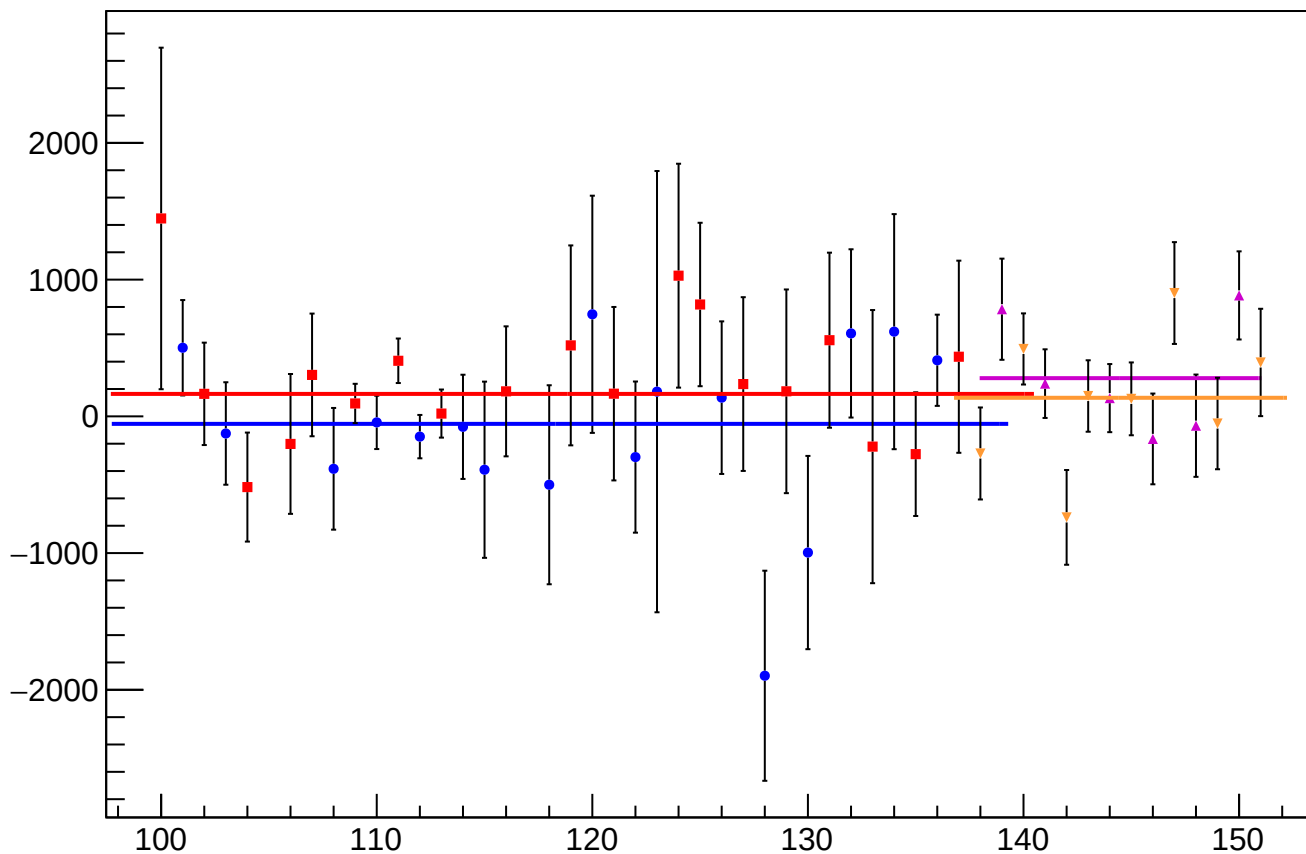
Left In: 270.531+/-0.087 χ^2/NDF : 260722.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.483+/-0.058 χ^2/NDF : 644335.6/13

- 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: 135.777 ± 109.556 χ^2/NDF : 14.7/7

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

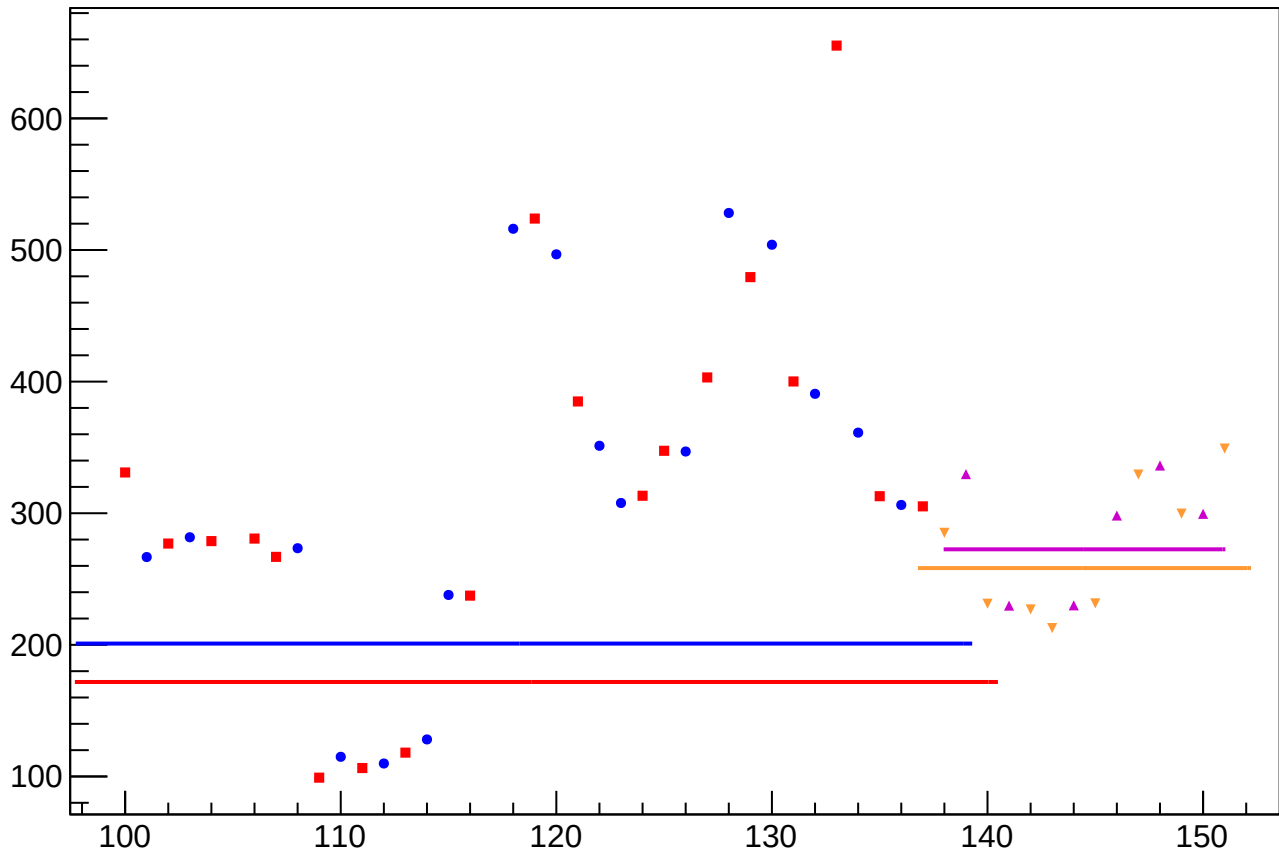
Left In: 279.390 ± 123.888 χ^2/NDF : 8.4/5

+ sign 22.272 ± 69.707 χ^2/NDF : 33.1/24

All: 114.855 ± 47.671 χ^2/NDF : 57.3/49

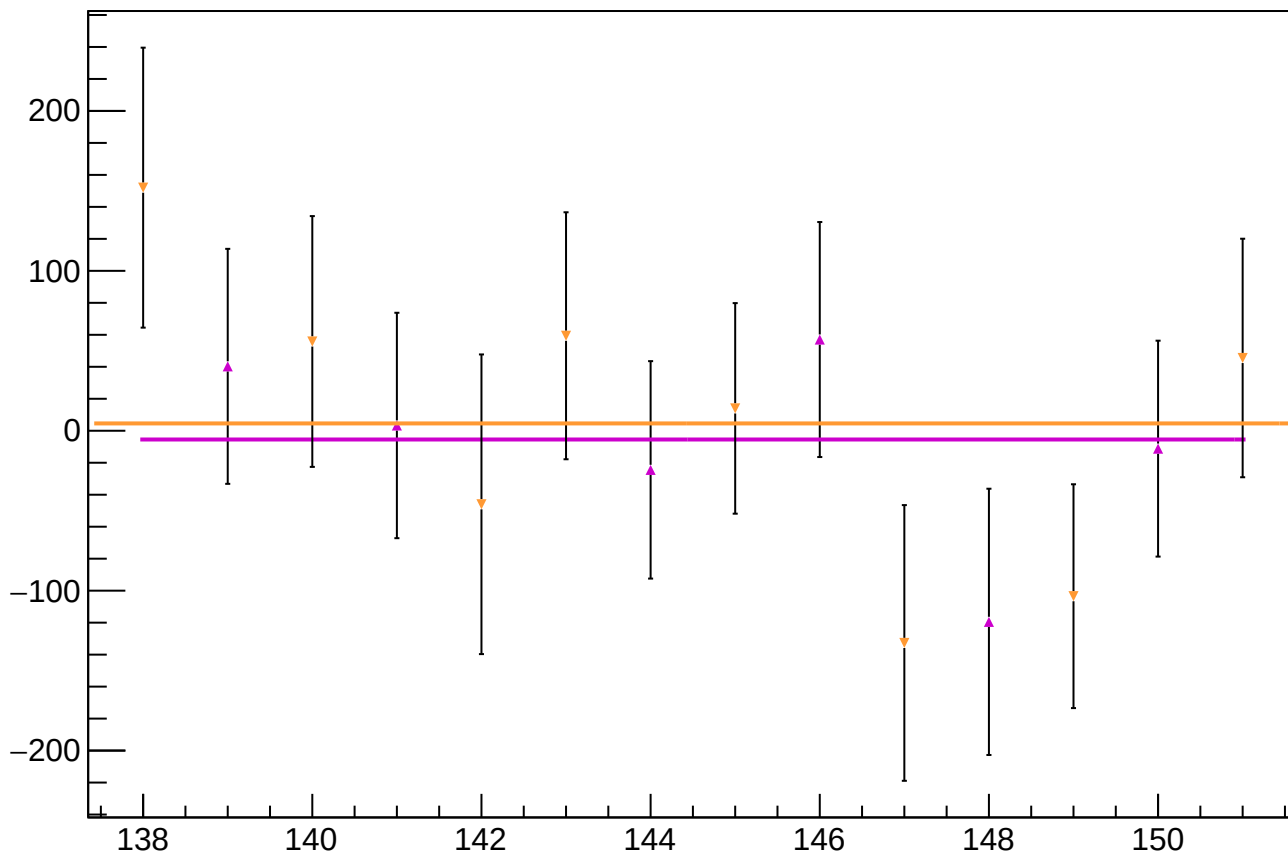
- sign 196.197 ± 65.338 χ^2/NDF : 20.9/24

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16 + sign 224.197+/-0.049 χ^2/NDF : 4104942.3/24
 Left Out: 258.344+/-0.077 χ^2/NDF : 342343.5/7 All: 211.226+/-0.034 χ^2/NDF : 9531457.9/49
 Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18 - sign 199.831+/-0.046 χ^2/NDF : 5296428.9/24
 Left In: 272.592+/-0.088 χ^2/NDF : 248096.0/5

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 4.585 $\pm$ 27.483 χ^2 /NDF:9.3/7

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

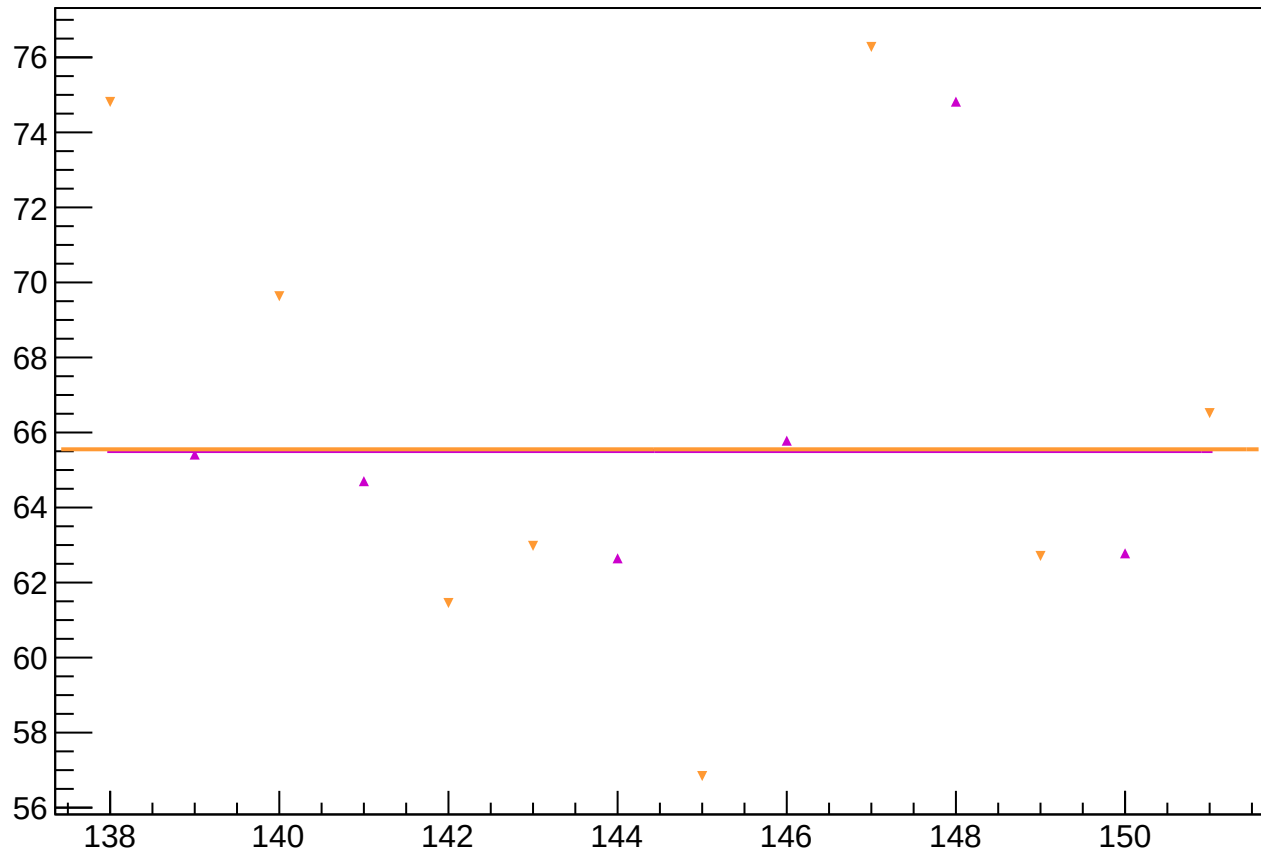
Left In: -5.467 $\pm$ 29.466 χ^2 /NDF:3.1/5

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

All: -0.092 $\pm$ 20.098 χ^2 /NDF: 12.4/13

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

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.552+/-0.019 χ^2/NDF : 103429.1/7

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

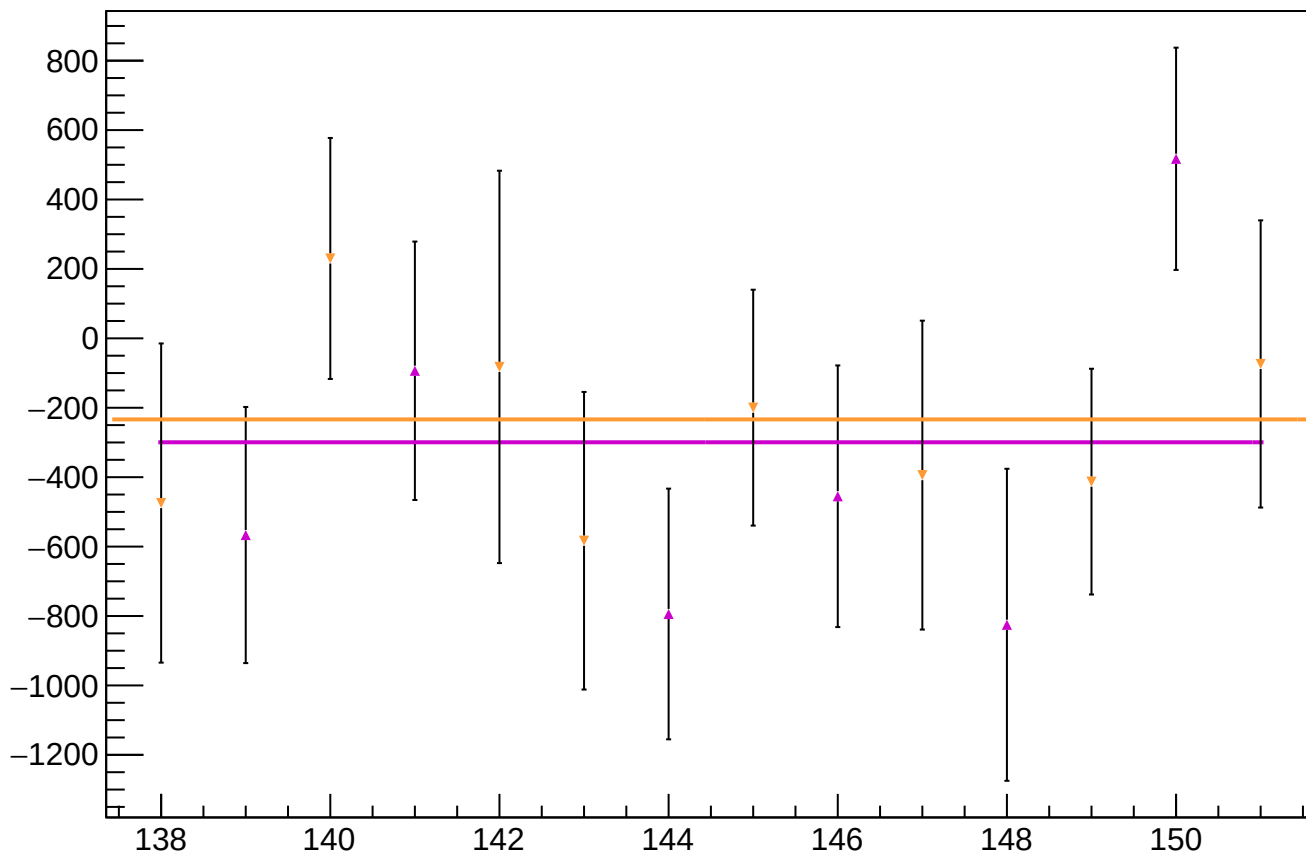
Left In: 65.505+/-0.021 χ^2/NDF : 32123.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.530+/-0.014 χ^2/NDF : 135555.2/13

- 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: -233.553+/-140.570 χ^2/NDF : 3.4/7

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

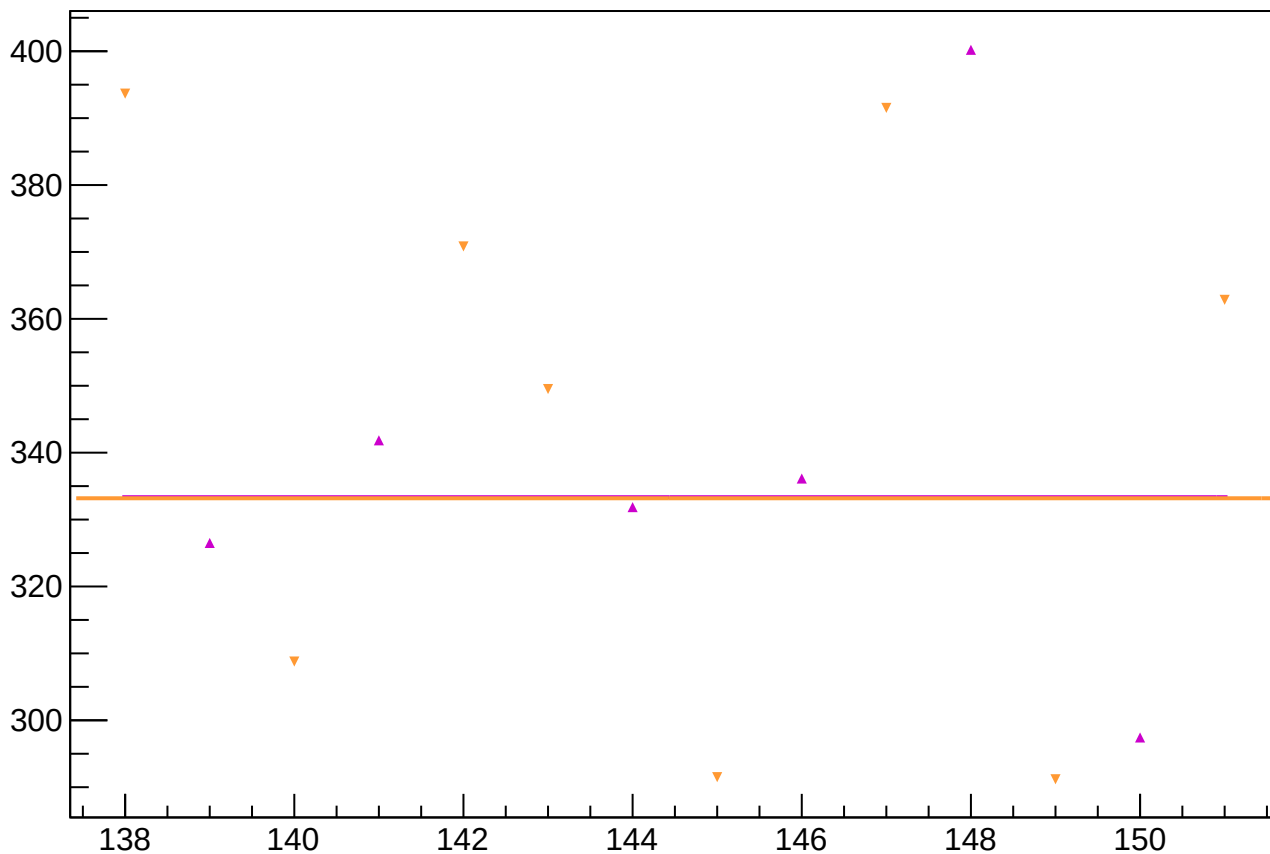
Left In: -299.454+/-150.804 χ^2/NDF : 10.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.191+/-102.826 χ^2/NDF : 14.2/13

- 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: 333.185+/-0.099 χ^2/NDF : 164372.3/7

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

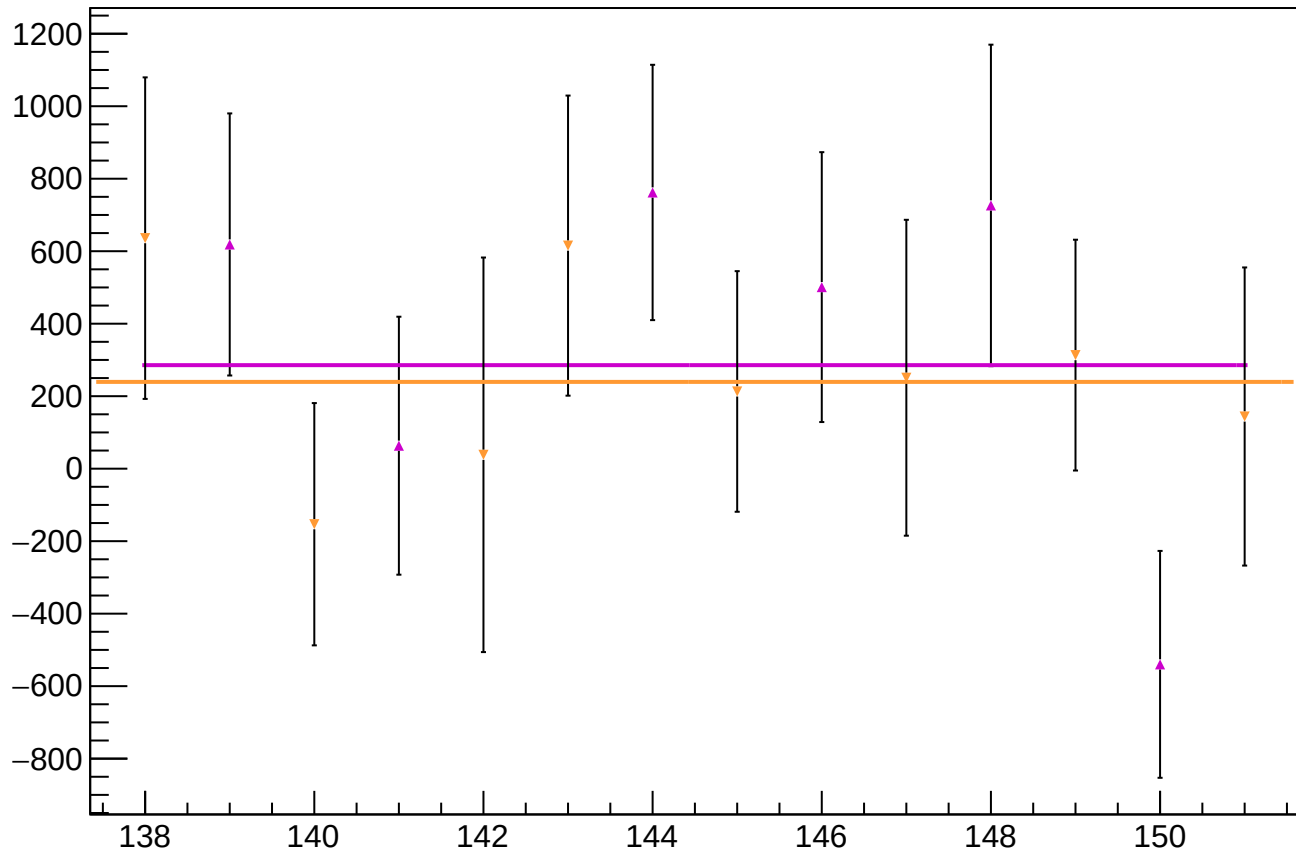
Left In: 333.347+/-0.107 χ^2/NDF : 71296.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.260+/-0.073 χ^2/NDF : 235669.6/13

- 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: 239.438+/-136.892 χ^2/NDF : 3.3/7

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

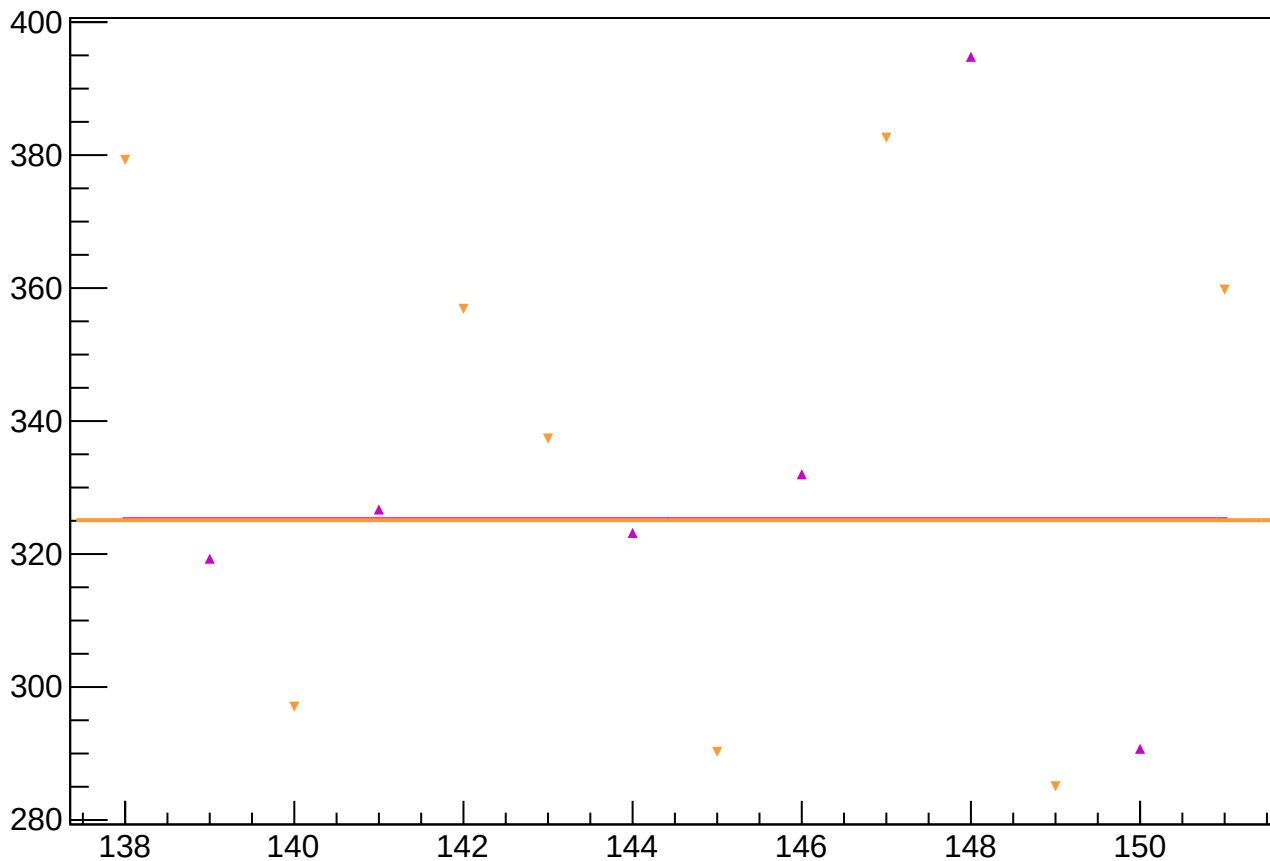
Left In: 285.627+/-147.257 χ^2/NDF : 11.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.850+/-100.261 χ^2/NDF : 14.7/13

- 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: 325.097+/-0.097 χ^2/NDF :155222.3/7

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

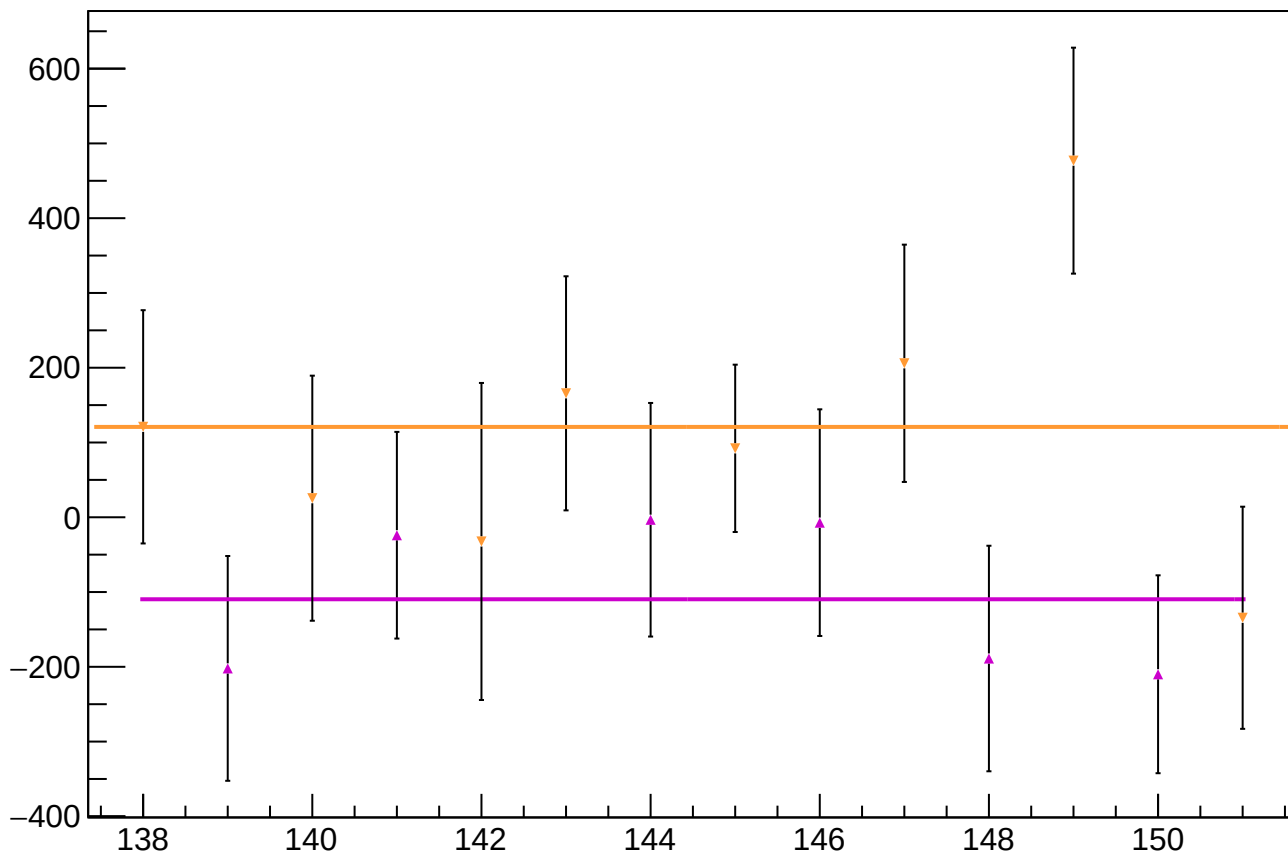
Left In: 325.230+/-0.104 χ^2/NDF :74826.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.159+/-0.071 χ^2/NDF : 230049.8/13

- 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: 120.841+/-53.447 χ^2/NDF : 9.8/7

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

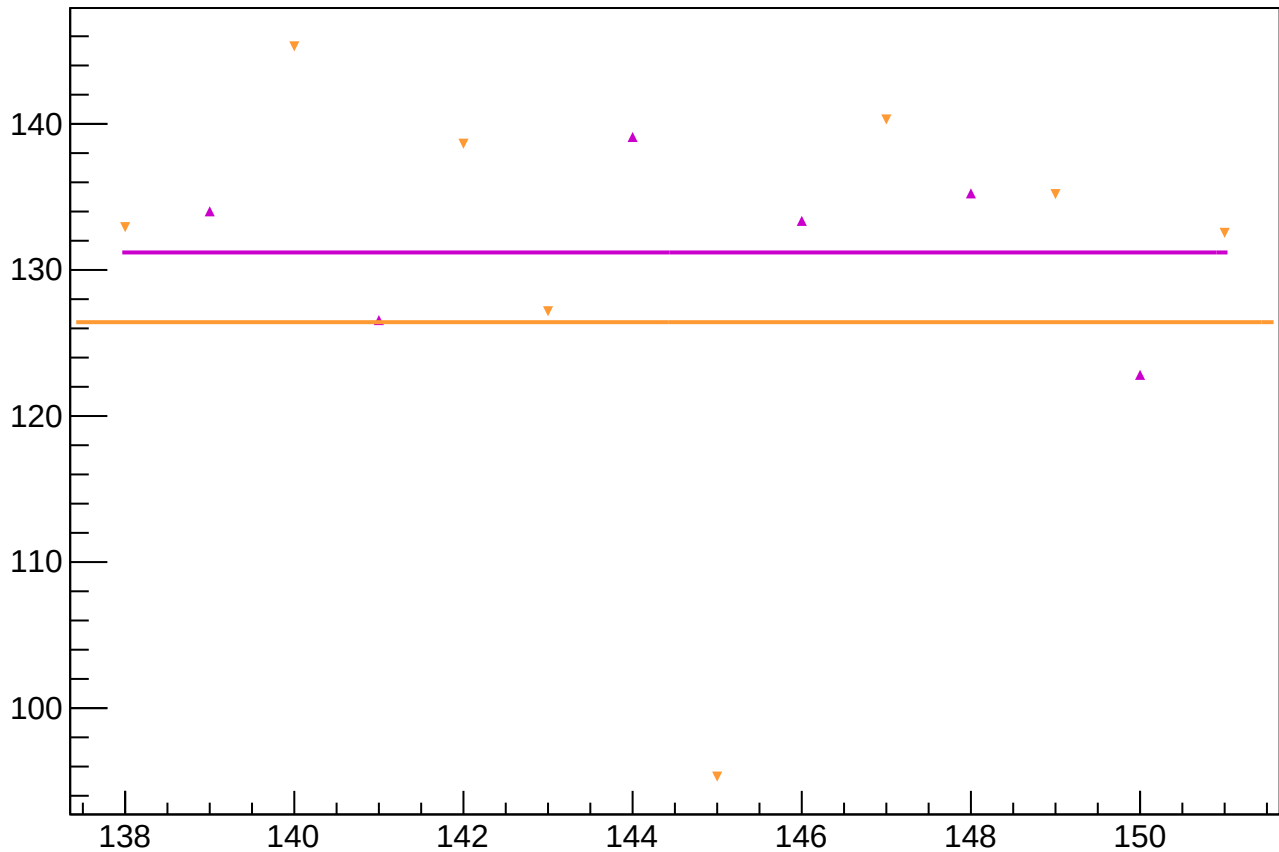
Left In: -109.666+/-59.531 χ^2/NDF : 2.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.964+/-39.770 χ^2/NDF : 20.6/13

- 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: 126.425+/-0.038 χ^2/NDF : 216765.9/7

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

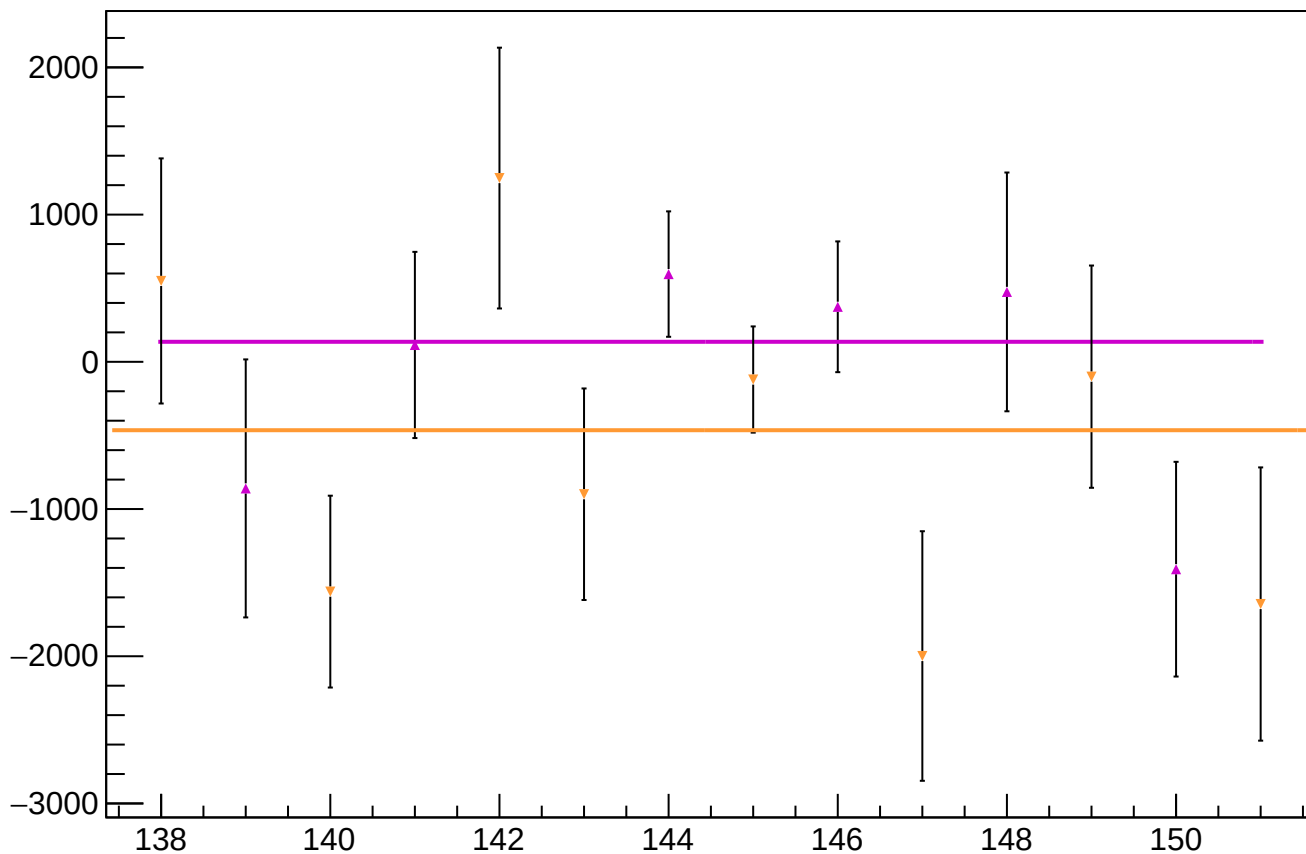
Left In: 131.199+/-0.042 χ^2/NDF : 17935.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.555+/-0.028 χ^2/NDF : 241821.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -464.621+/-229.404 χ^2/NDF : 14.5/7

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

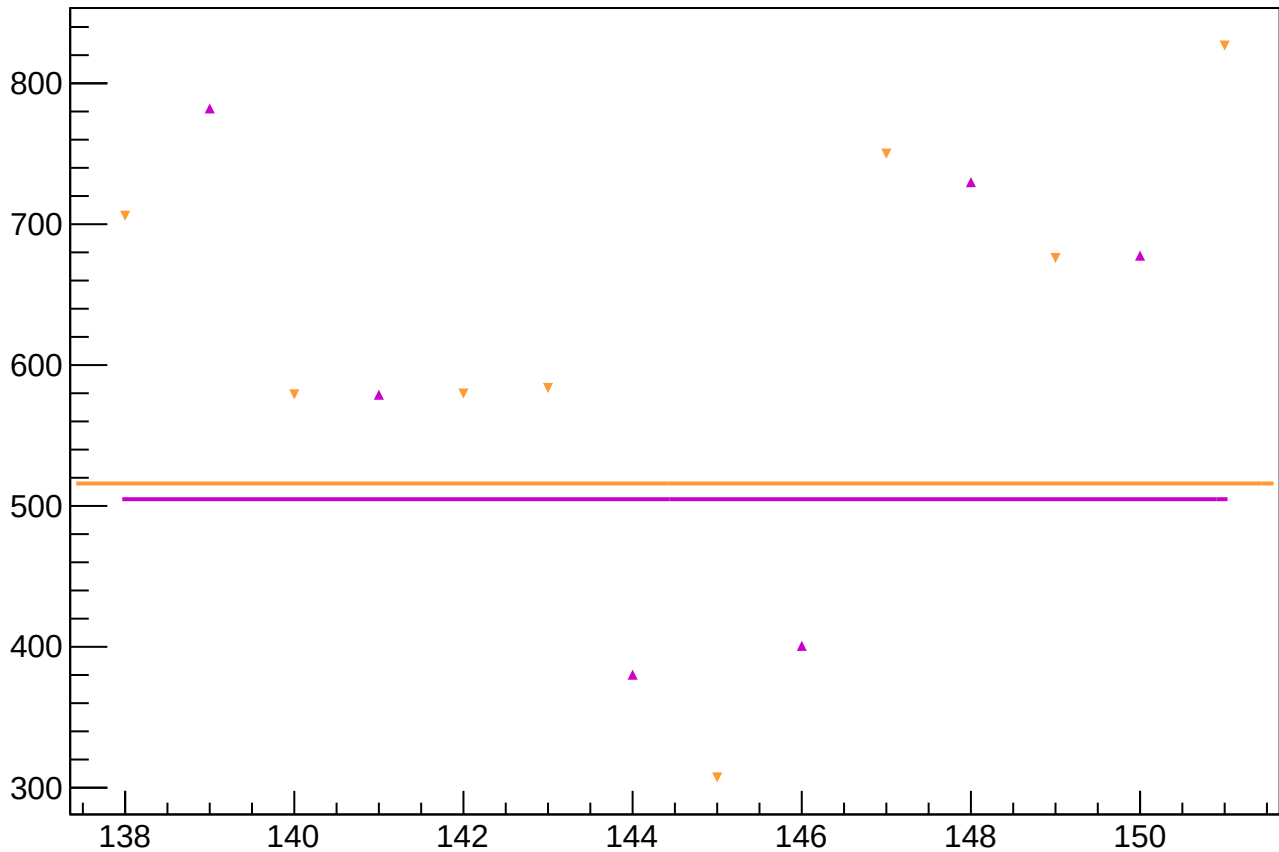
Left In: 136.033+/-237.143 χ^2/NDF : 7.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.254+/-164.881 χ^2/NDF : 25.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 515.951+/-0.162 χ^2/NDF : 1287274.6/7

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

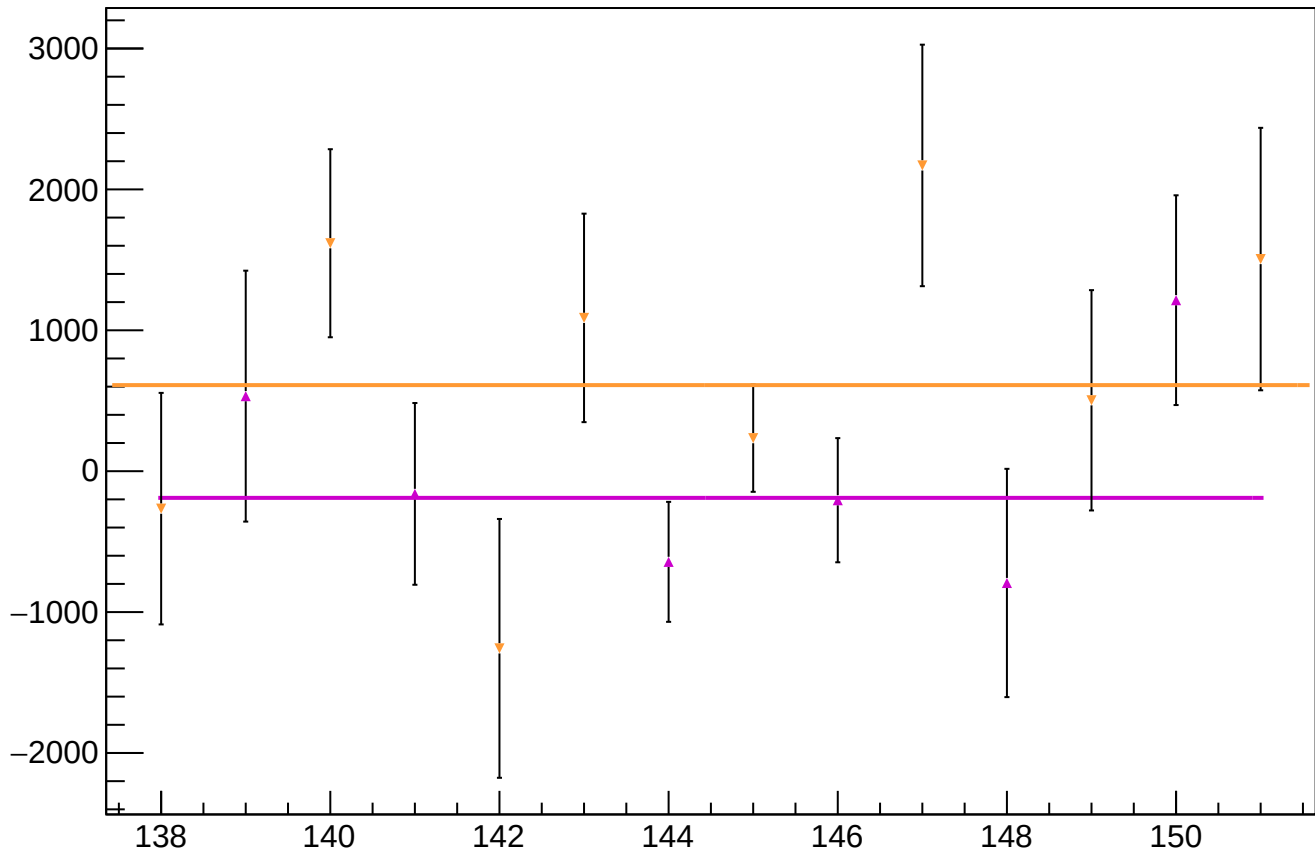
Left In: 504.791+/-0.168 χ^2/NDF : 775182.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.556+/-0.117 χ^2/NDF : 2064745.4/13

- 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: 610.924+/-237.127 χ^2/NDF :13.2/7

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

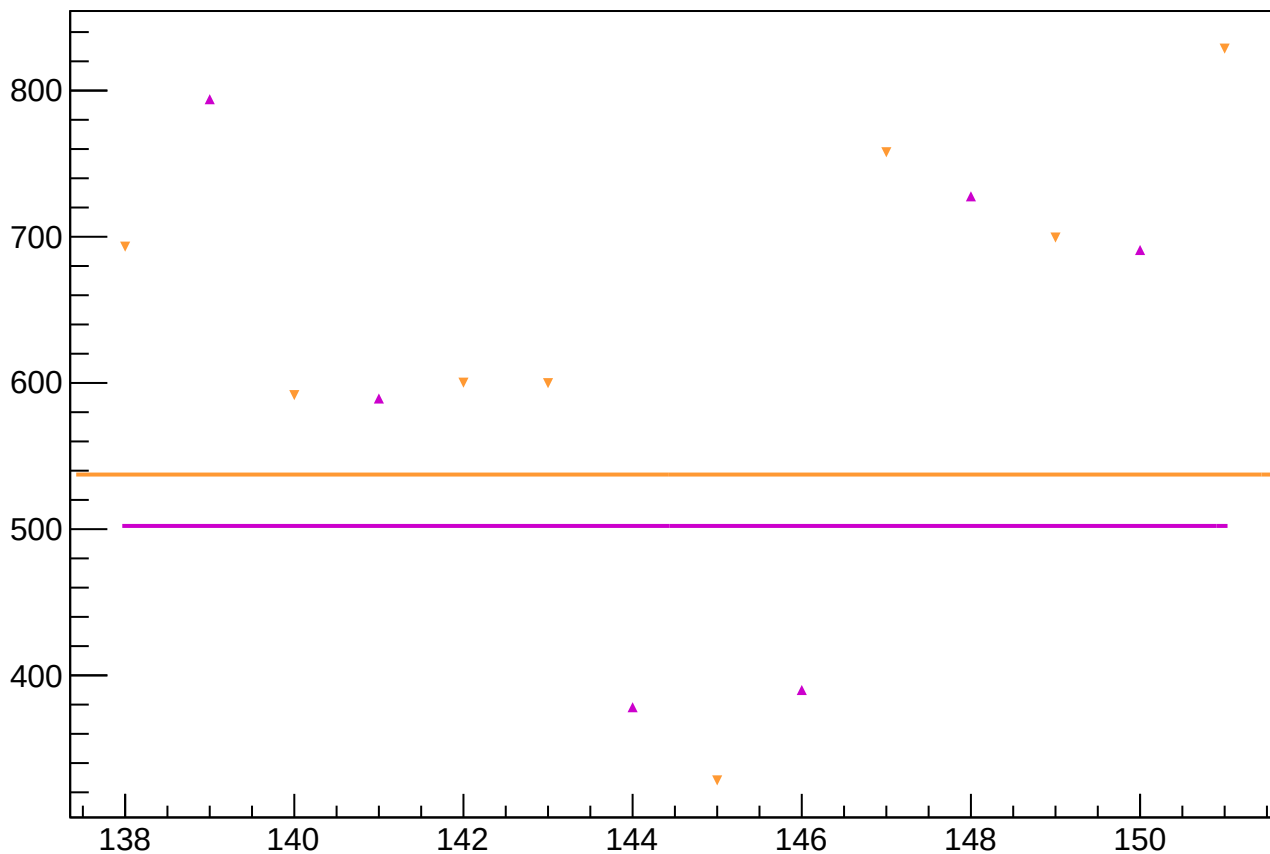
Left In: -189.330+/-237.964 χ^2/NDF :5.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.205+/-167.969 χ^2/NDF : 24.8/13

- 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: 537.353+/-0.168 χ^2/NDF :1126441.2/7

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

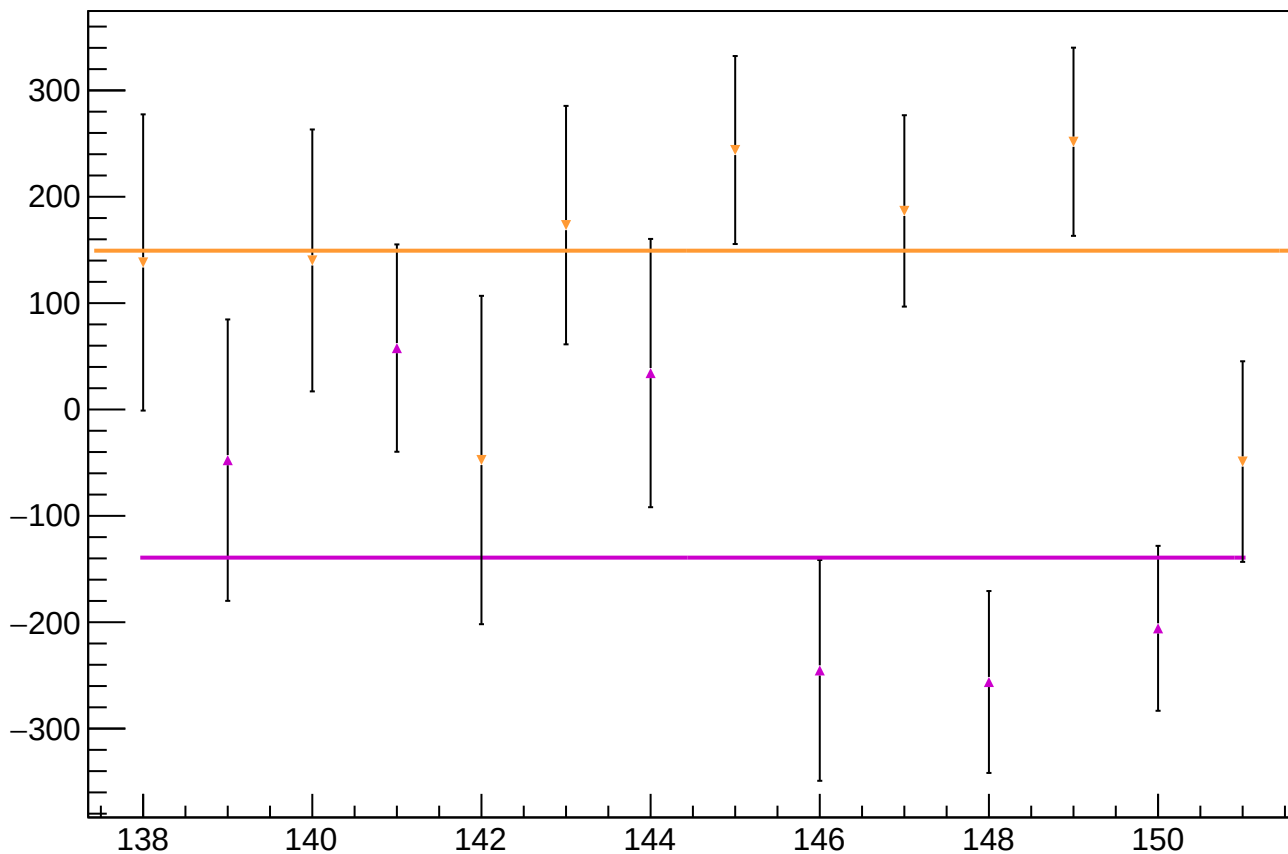
Left In: 502.204+/-0.168 χ^2/NDF :834234.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.840+/-0.119 χ^2/NDF : 1982568.8/13

- 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: 149.313+/-36.989 χ^2/NDF : 8.8/7

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

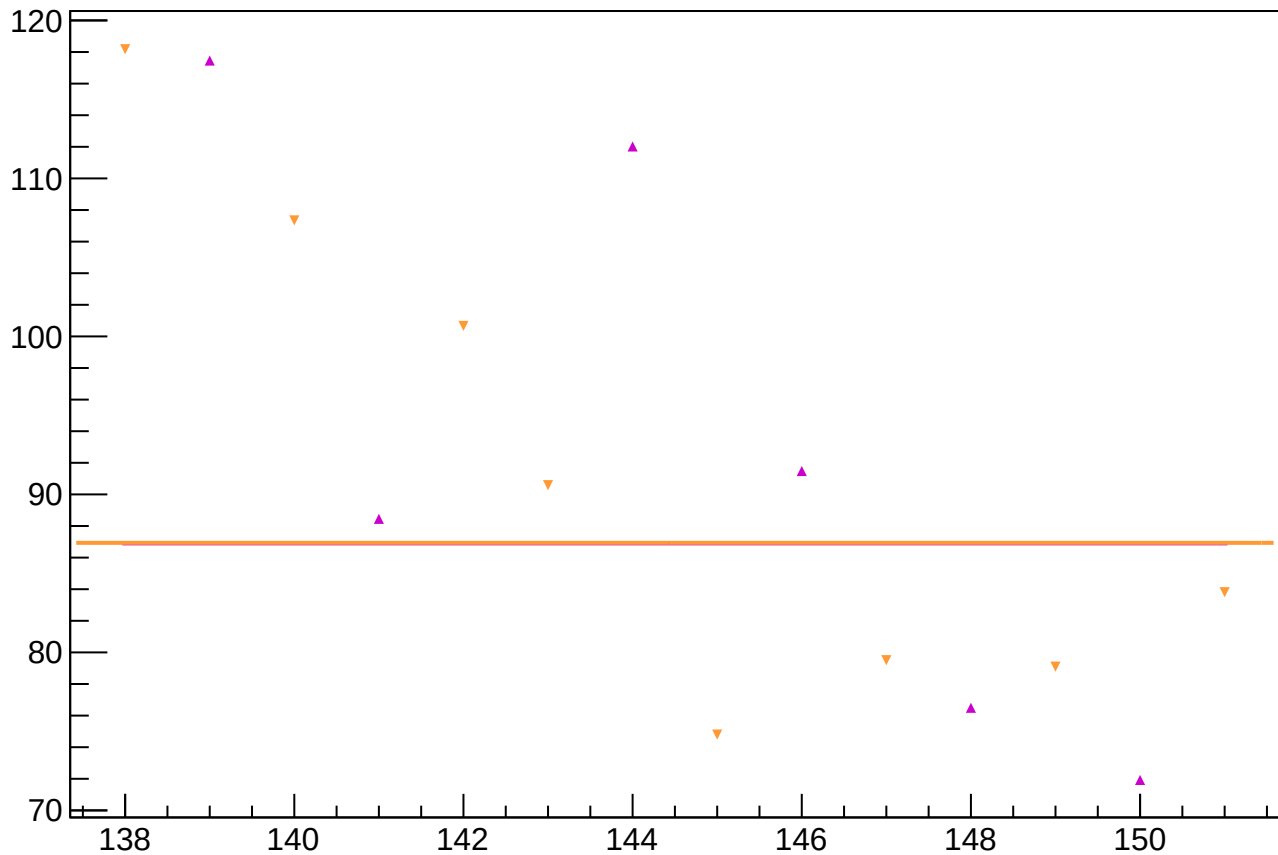
Left In: -139.274+/-40.122 χ^2/NDF : 10.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.727+/-27.196 χ^2/NDF : 46.8/13

- 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: 86.935+/-0.026 χ^2/NDF : 242787.7/7

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

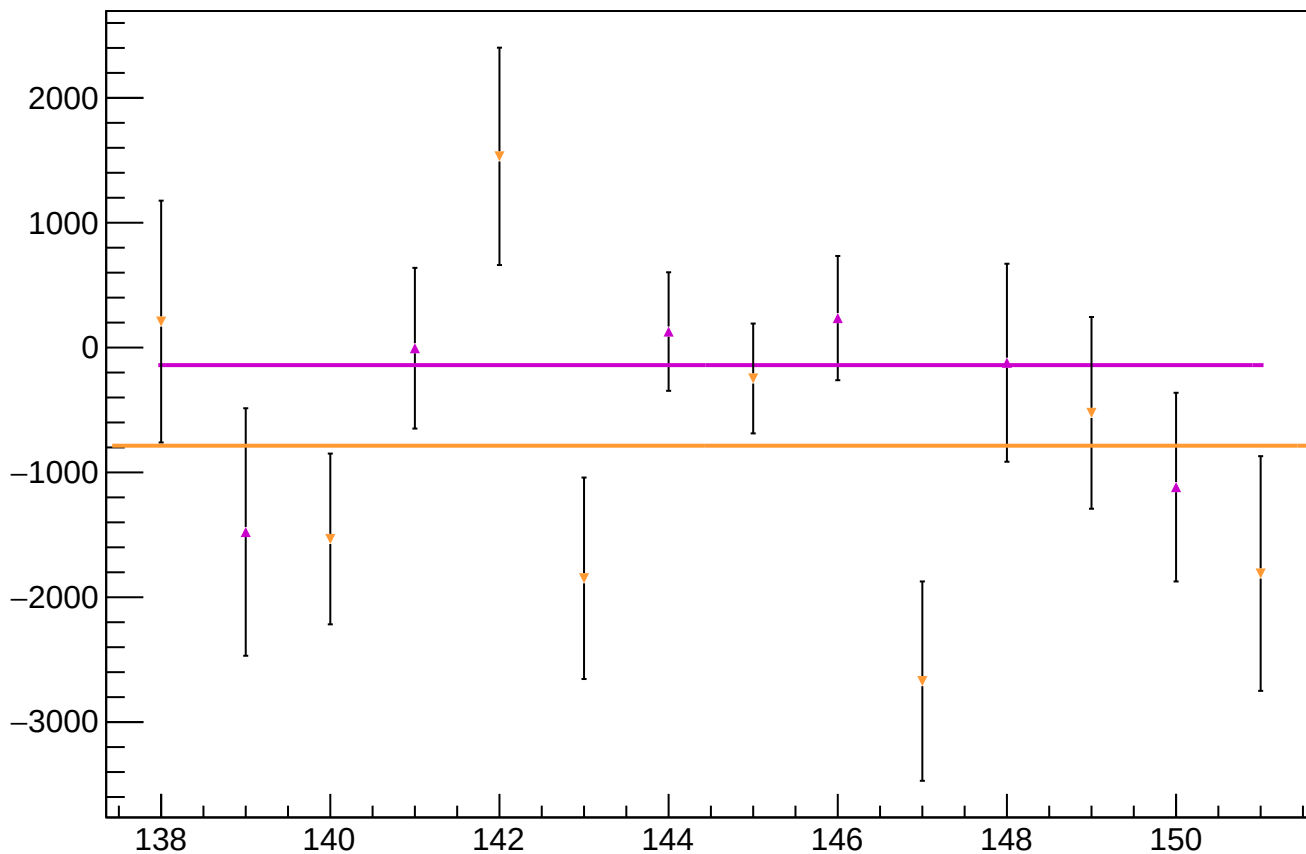
Left In: 86.902+/-0.028 χ^2/NDF : 294684.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.920+/-0.019 χ^2/NDF : 537472.5/13

- 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: -785.993+/-253.005 χ^2/NDF : 19.4/7

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

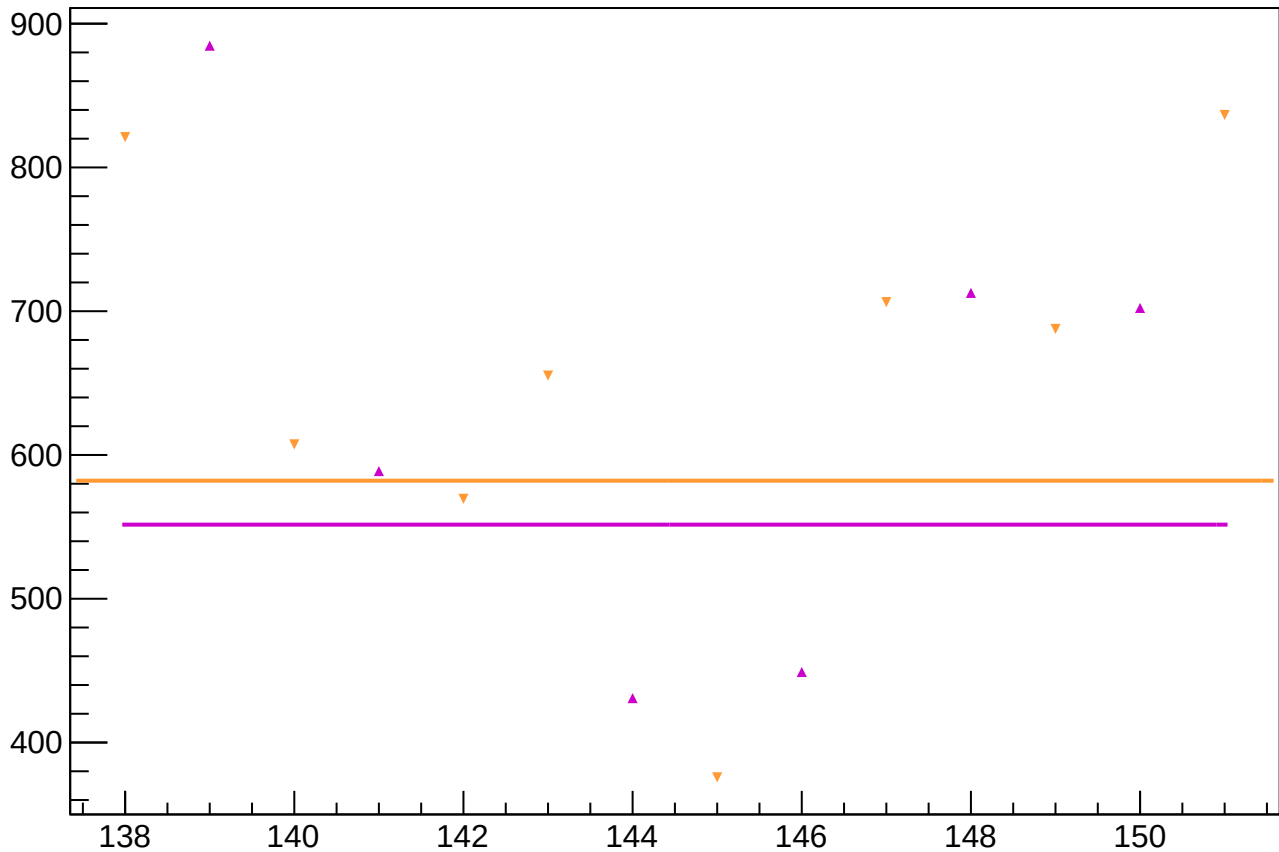
Left In: -140.595+/-256.084 χ^2/NDF : 4.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.197+/-179.980 χ^2/NDF : 27.1/13

- 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: 582.120+/-0.179 χ^2/NDF : 814000.3/7

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

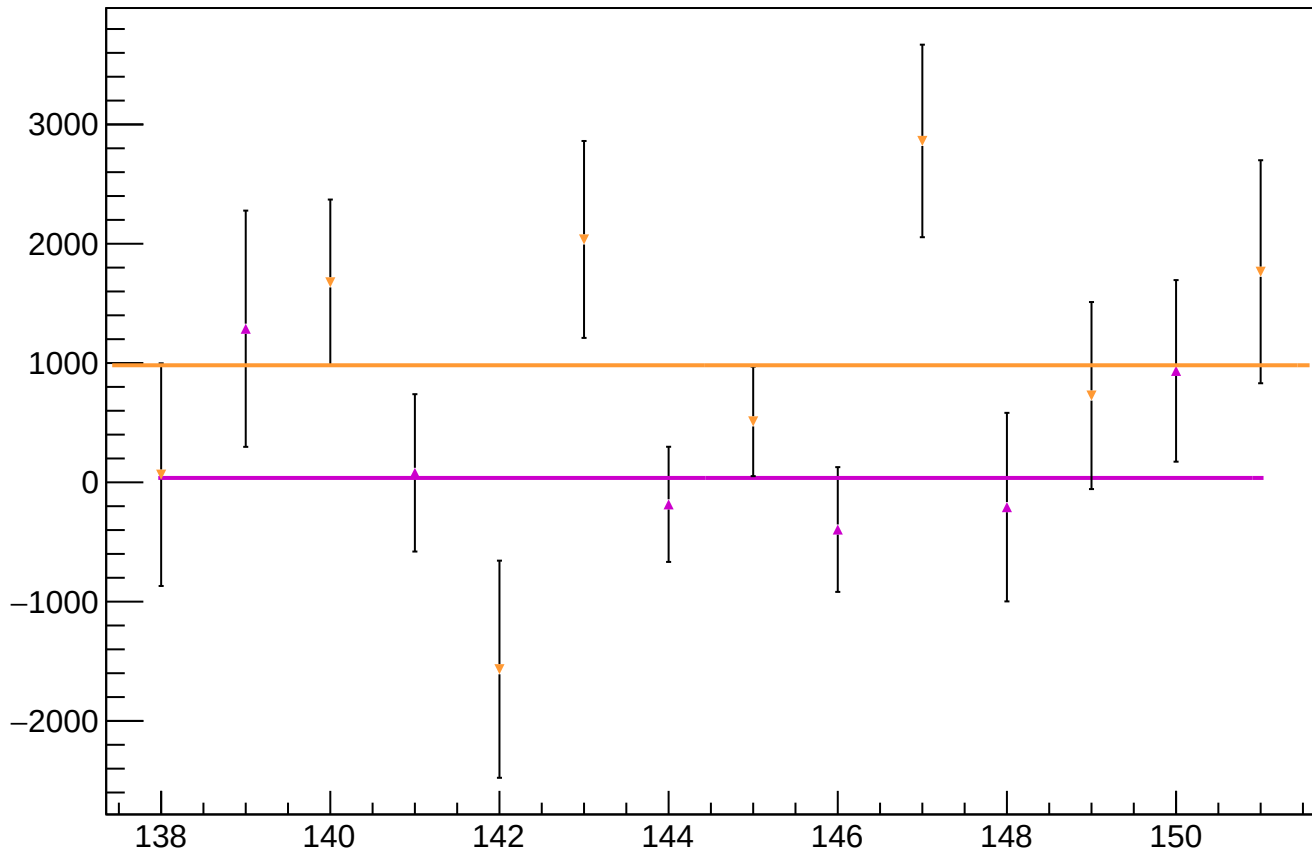
Left In: 551.549+/-0.181 χ^2/NDF : 608890.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.019+/-0.127 χ^2/NDF : 1437314.1/13

- 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: 981.351+/-258.572 χ^2/NDF : 18.7/7

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

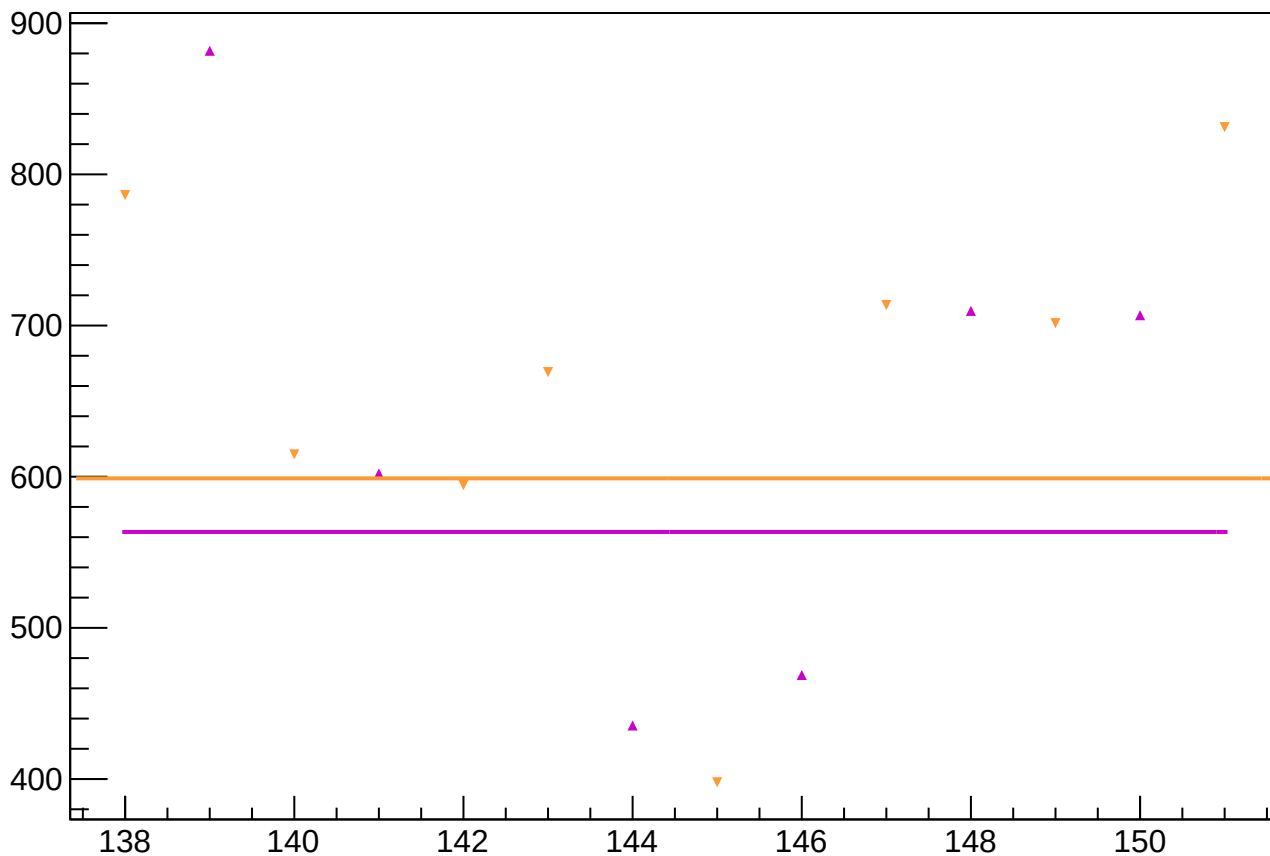
Left In: 36.857+/-261.745 χ^2/NDF : 4.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.865+/-183.950 χ^2/NDF : 29.3/13

- 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: 598.897+/-0.183 χ^2/NDF : 678456.4/7

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

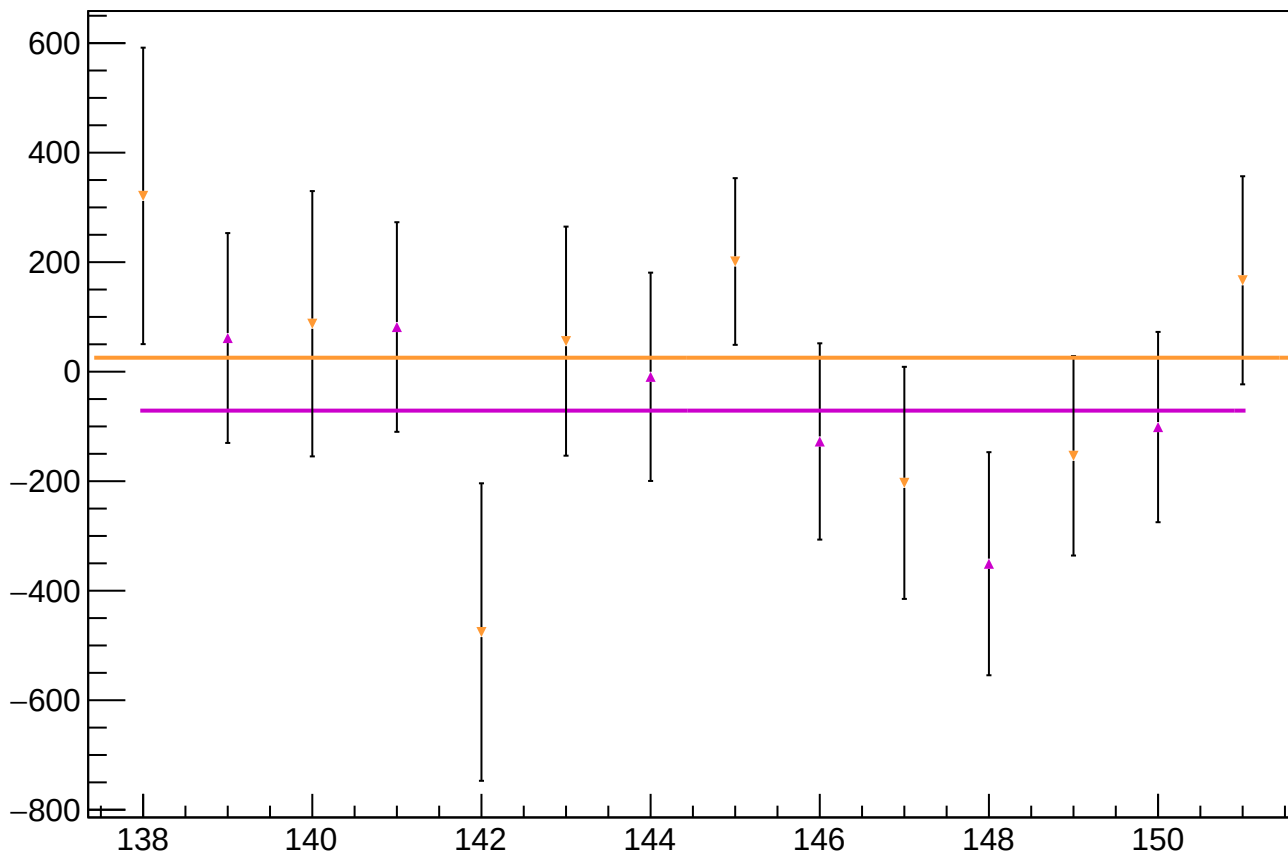
Left In: 563.450+/-0.185 χ^2/NDF : 559290.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.390+/-0.130 χ^2/NDF : 1256310.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 25.508+/-72.479 χ^2/NDF : 8.7/7

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

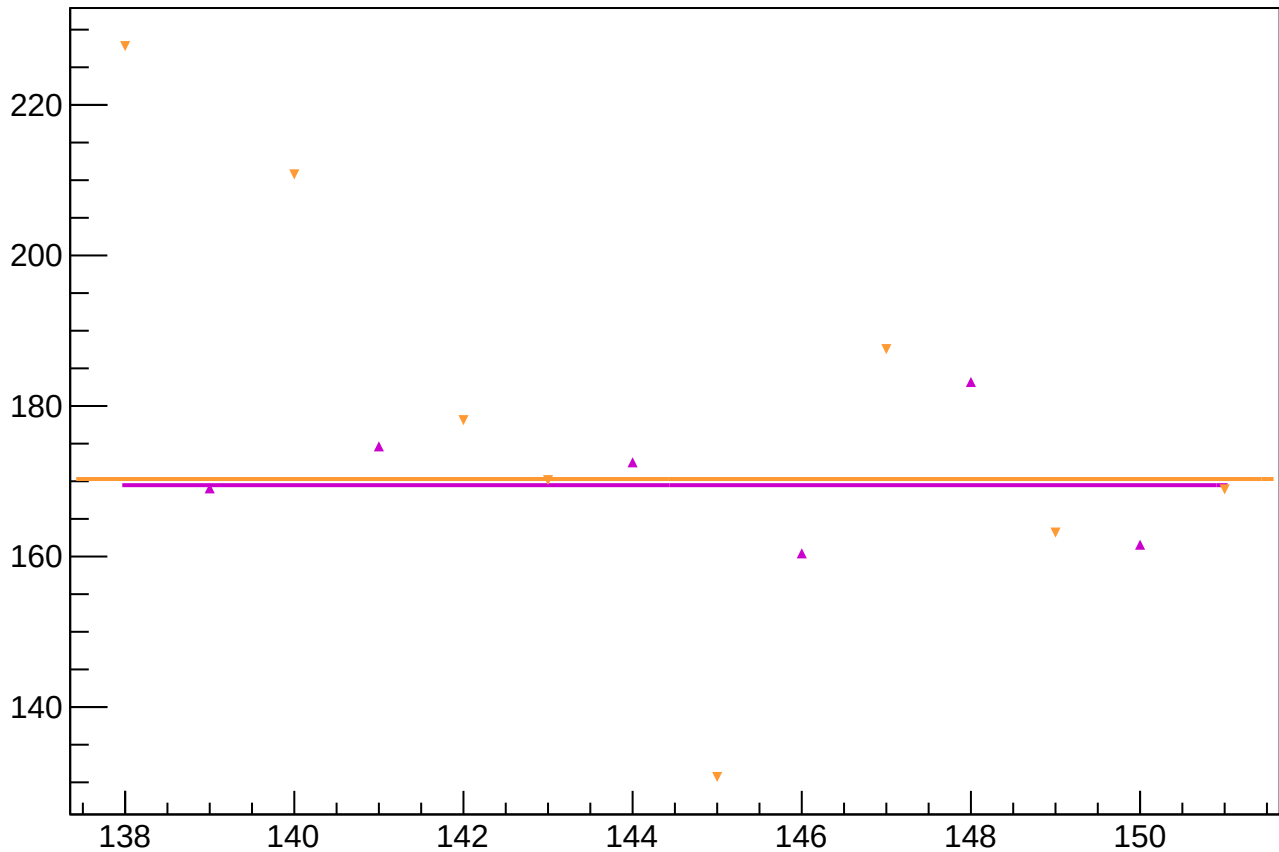
Left In: -71.110+/-76.582 χ^2/NDF : 3.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.143+/-52.641 χ^2/NDF : 12.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 170.298+/-0.051 χ^2/NDF : 299458.5/7

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

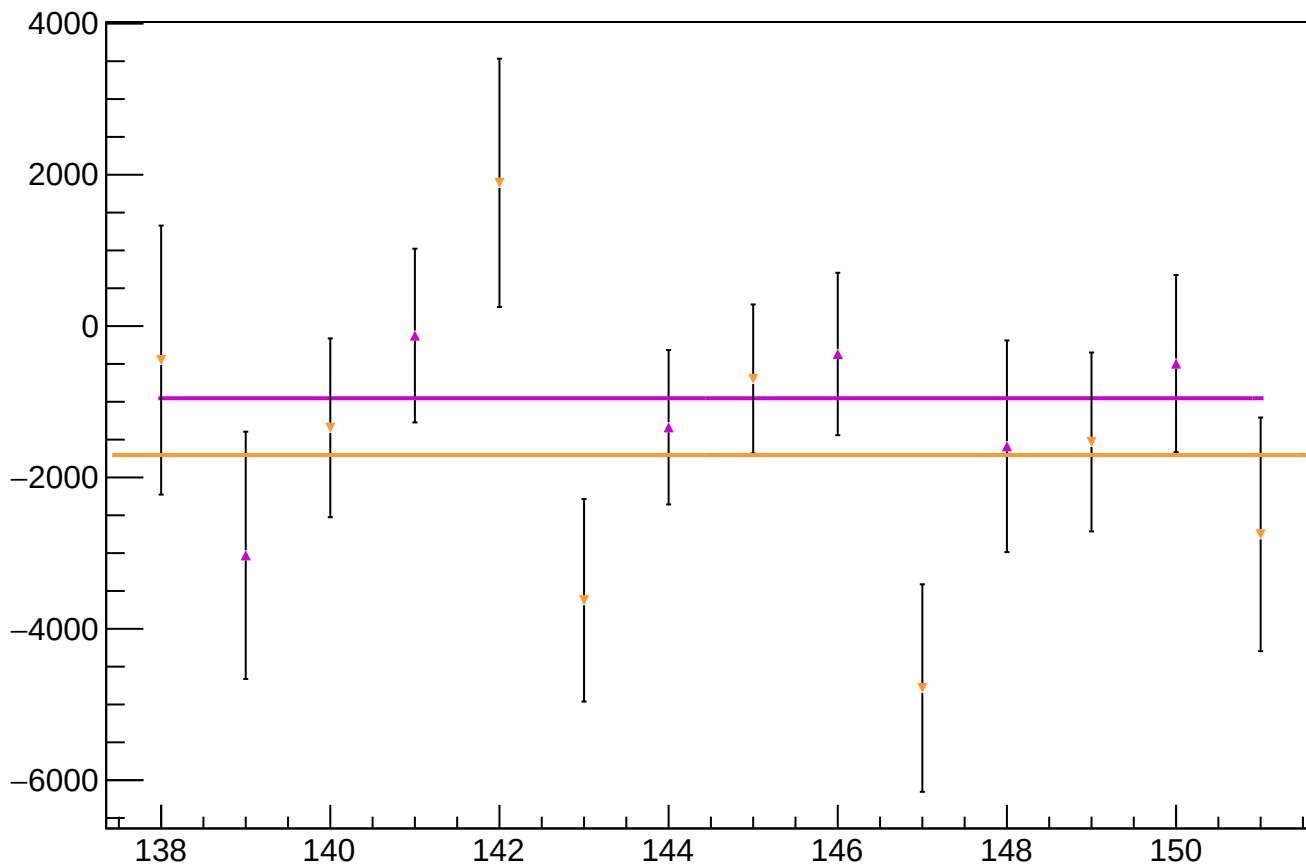
Left In: 169.480+/-0.054 χ^2/NDF : 20282.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.912+/-0.037 χ^2/NDF : 319861.1/13

- 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: -1703.221+/-463.180 χ^2/NDF : 14.0/7

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

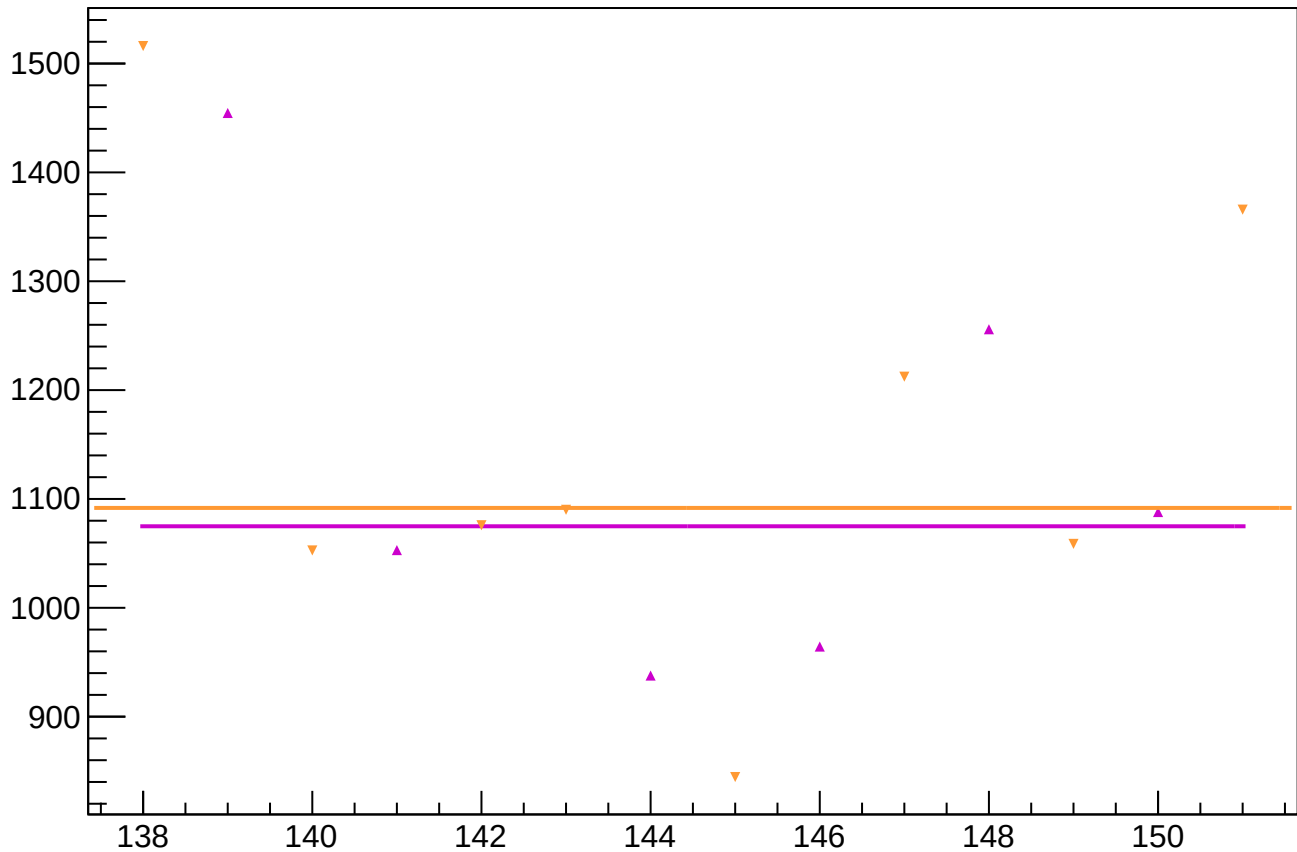
Left In: -953.388+/-487.677 χ^2/NDF : 2.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1347.609+/-335.844 χ^2/NDF : 18.2/13

- 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: 1091.764+/-0.328 χ^2/NDF : 322532.8/7

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

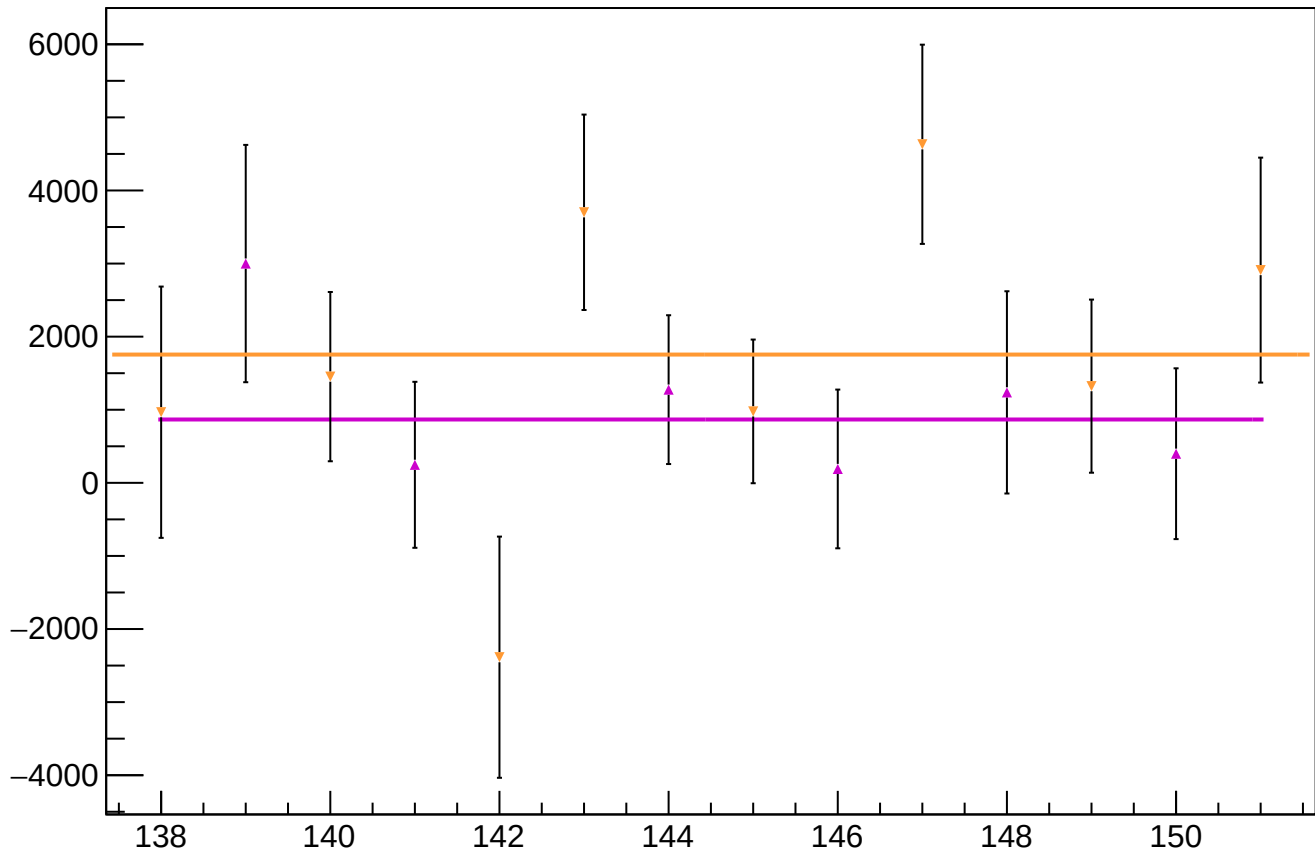
Left In: 1074.902+/-0.345 χ^2/NDF : 199898.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.767+/-0.237 χ^2/NDF : 523688.4/13

- 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: 1755.025+/-460.283 χ^2/NDF : 14.5/7

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

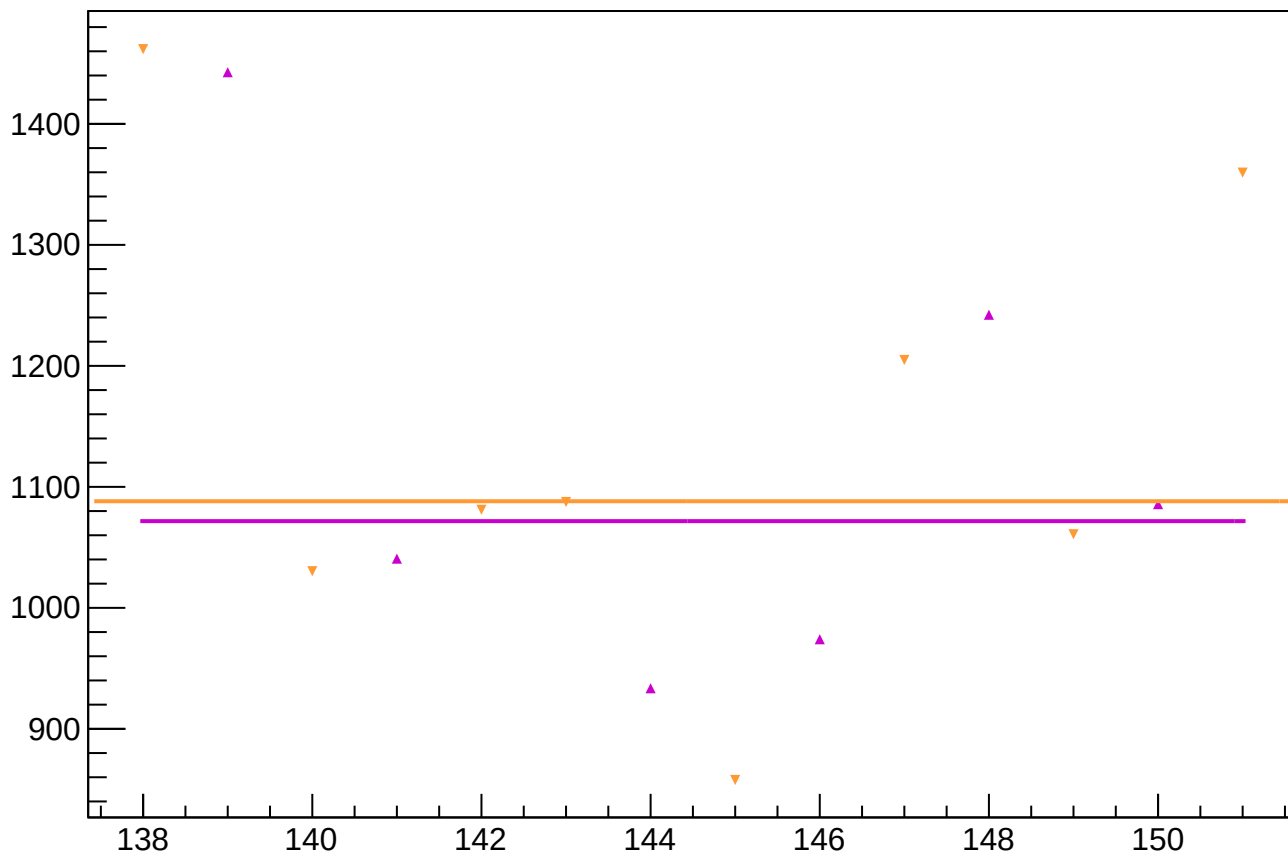
Left In: 866.650+/-486.597 χ^2/NDF : 2.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.507+/-334.385 χ^2/NDF : 19.0/13

- 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: 1088.126+/-0.325 χ^2/NDF : 287463.2/7

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

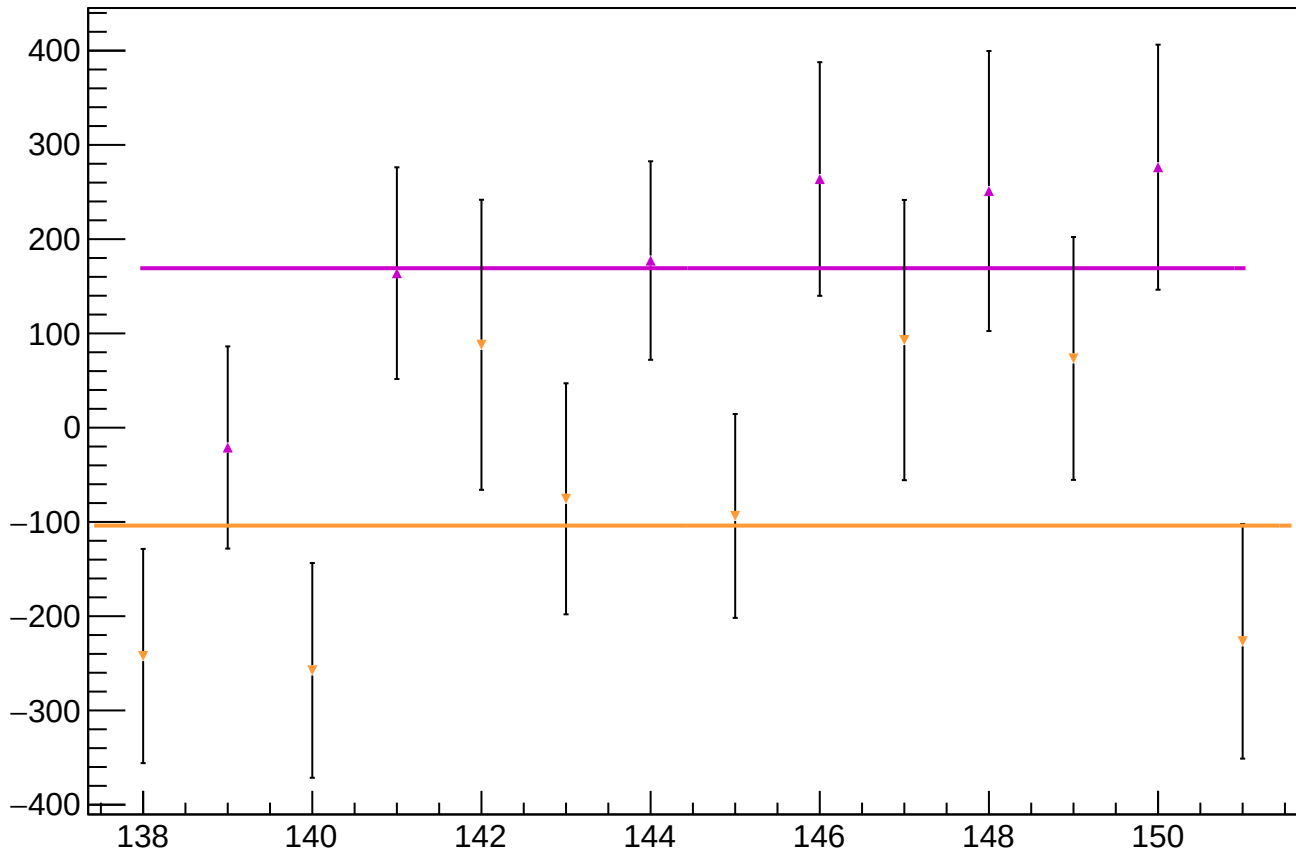
Left In: 1071.686+/-0.344 χ^2/NDF : 189646.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.363+/-0.236 χ^2/NDF : 478314.2/13

- 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: -103.905+/-43.903 χ^2/NDF : 9.5/7

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

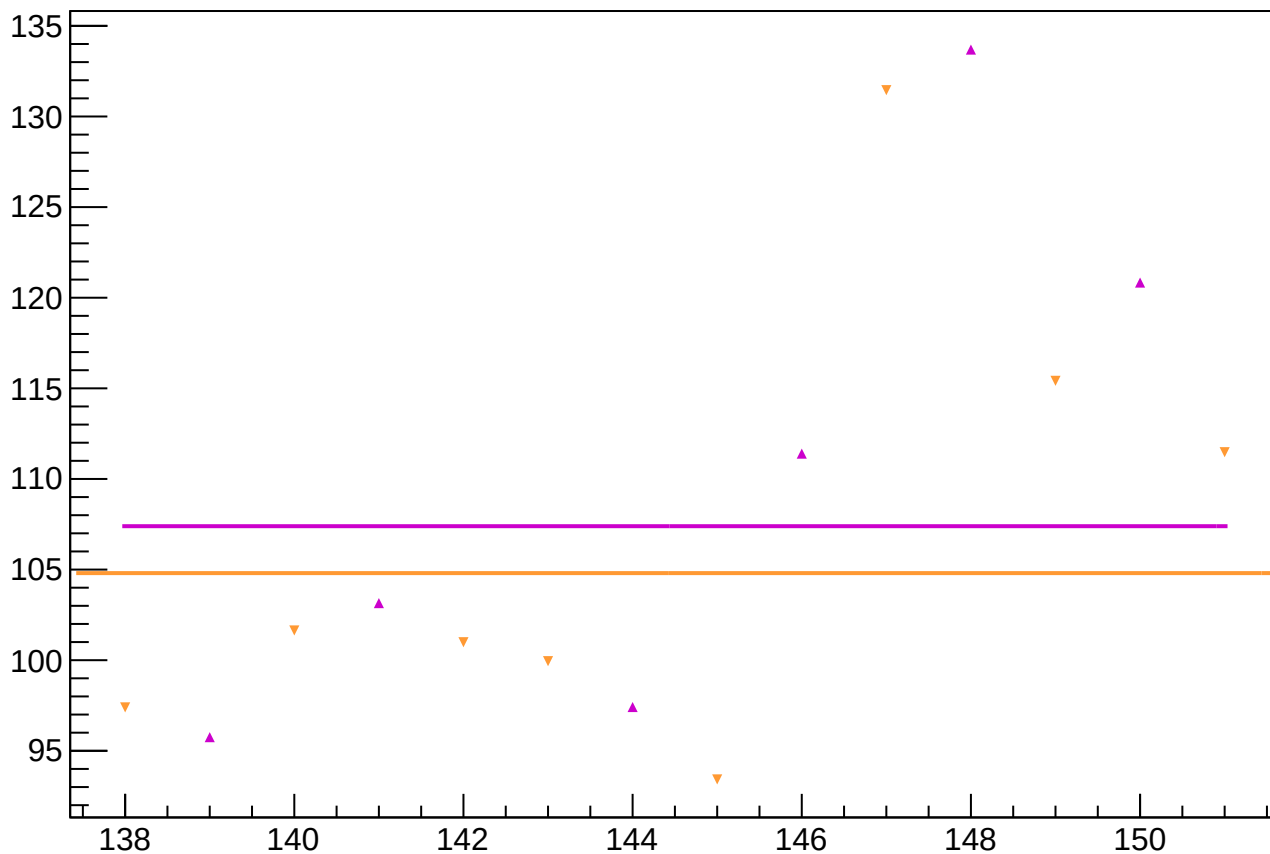
Left In: 169.176+/-48.451 χ^2/NDF : 4.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.220+/-32.533 χ^2/NDF : 31.7/13

- 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: 104.805+/-0.031 χ^2/NDF :120144.5/7

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

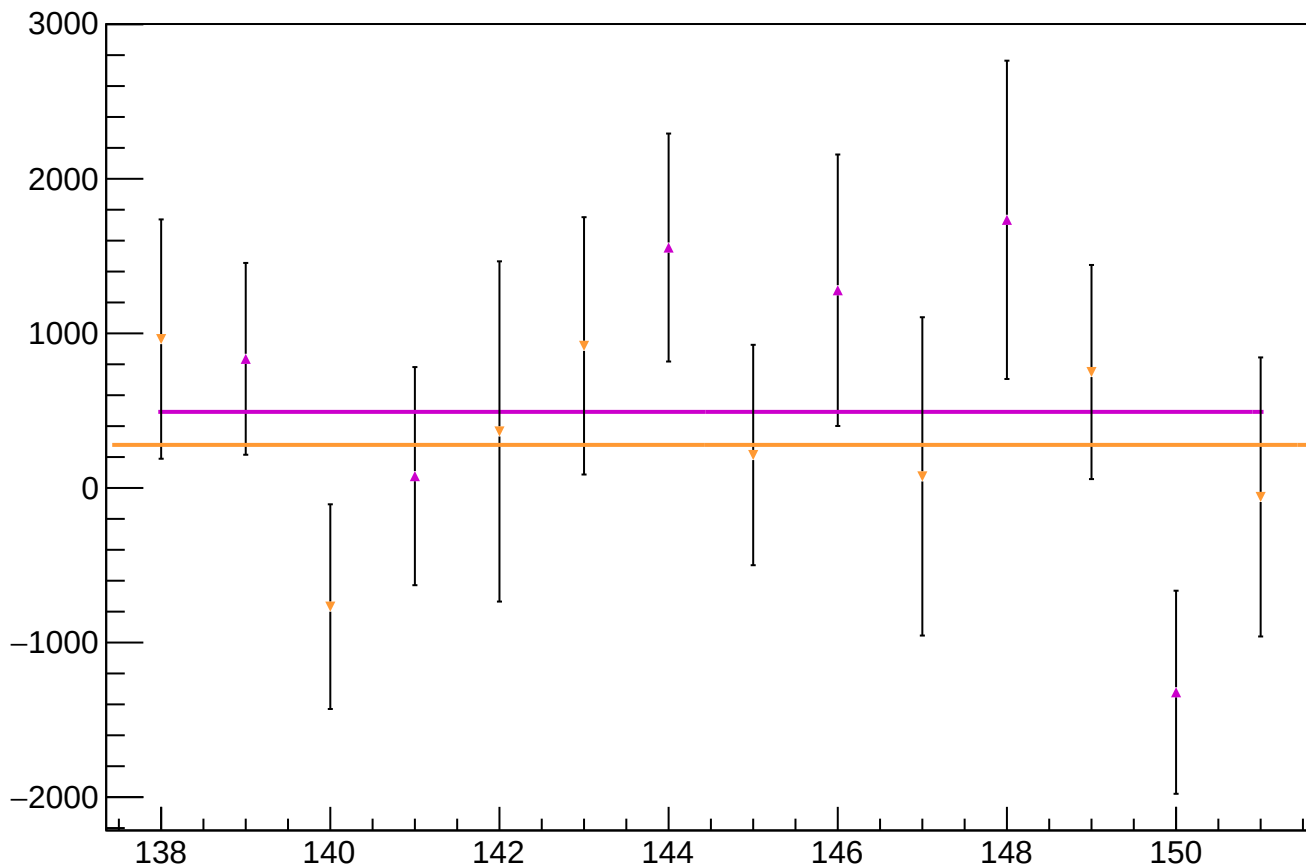
Left In: 107.394+/-0.034 χ^2/NDF :130526.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.972+/-0.023 χ^2/NDF : 253805.8/13

- 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: 278.663+/-283.505 χ^2/NDF : 4.5/7

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

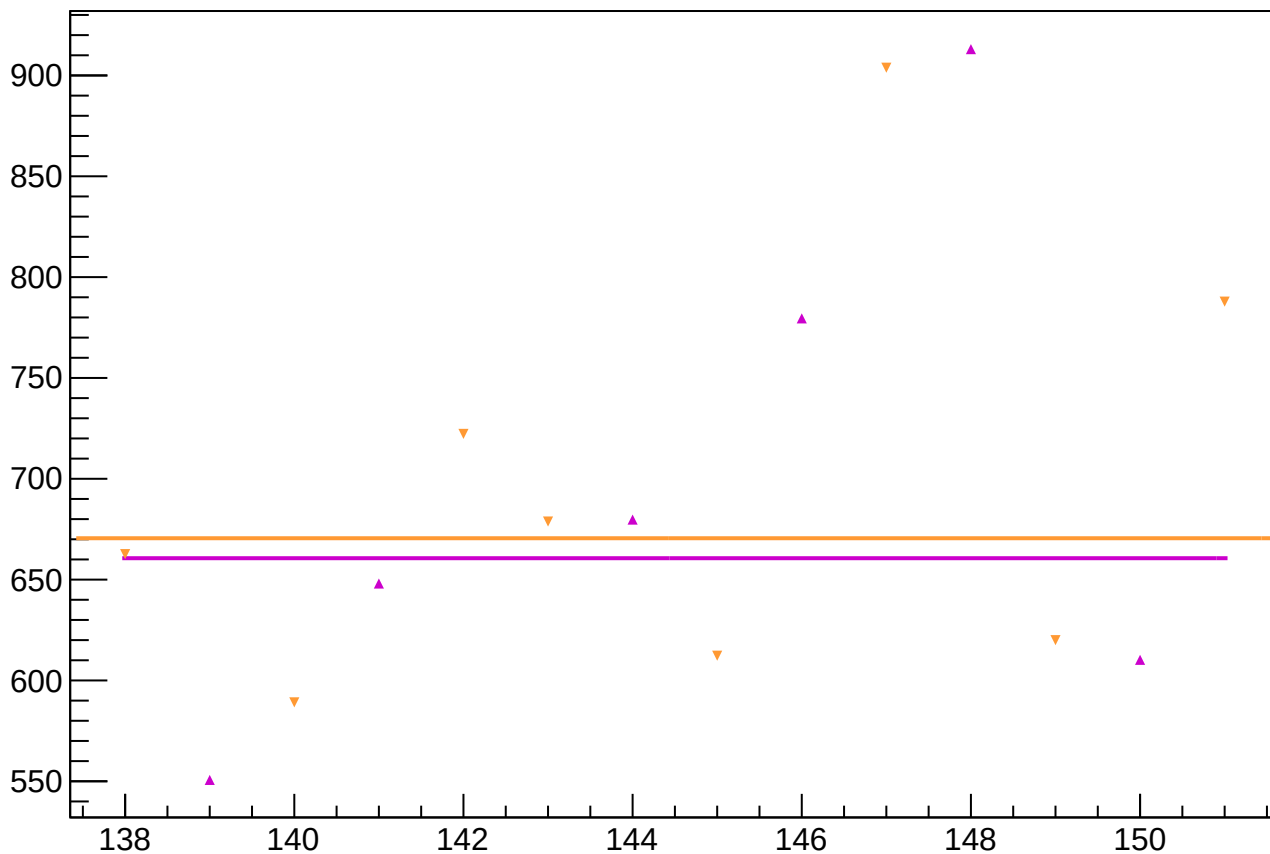
Left In: 492.267+/-301.459 χ^2/NDF : 12.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.915+/-206.524 χ^2/NDF : 17.4/13

- 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: 670.518+/-0.200 χ^2/NDF :195531.4/7

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

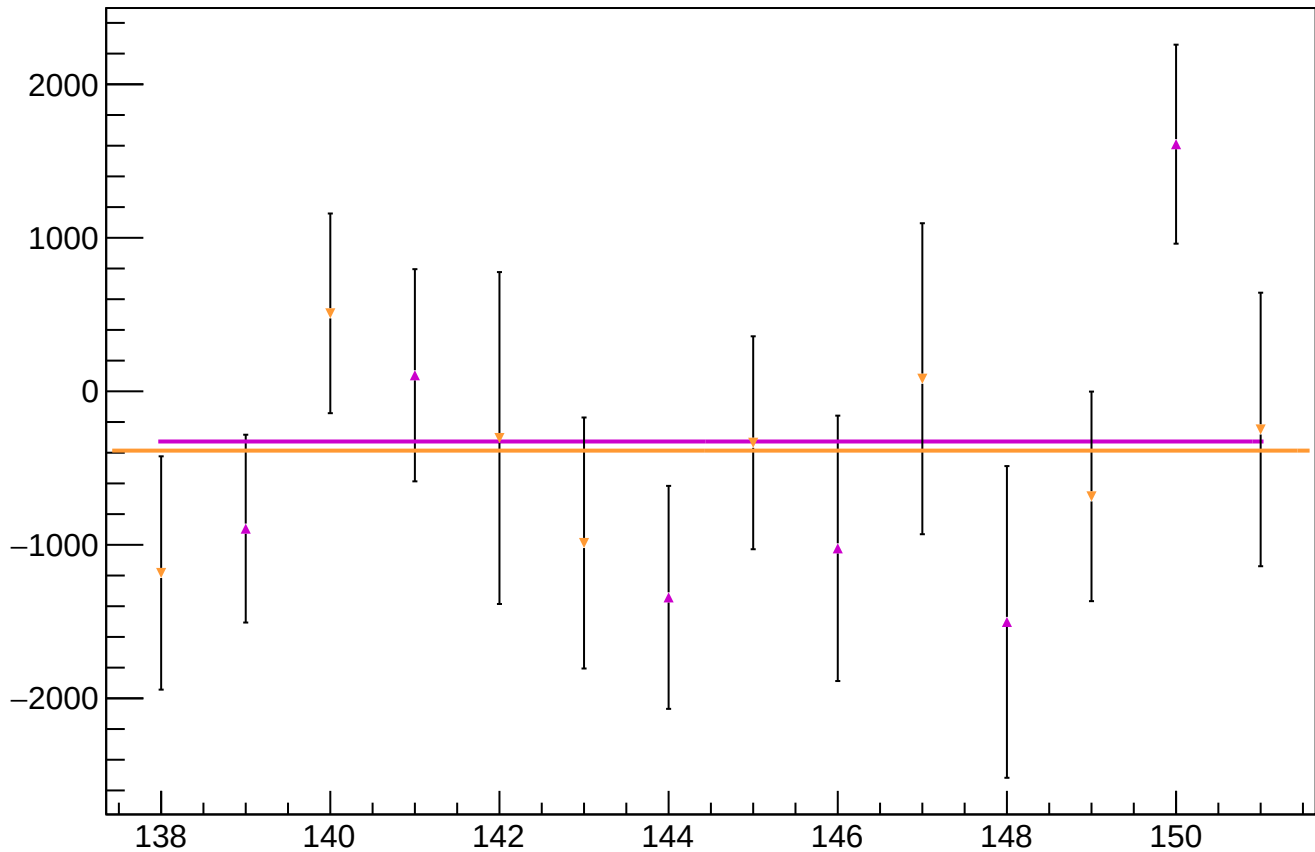
Left In: 660.615+/-0.213 χ^2/NDF :233453.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.870+/-0.146 χ^2/NDF : 430129.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -386.288 $\pm$ 278.355 χ^2 /NDF:4.0/7

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

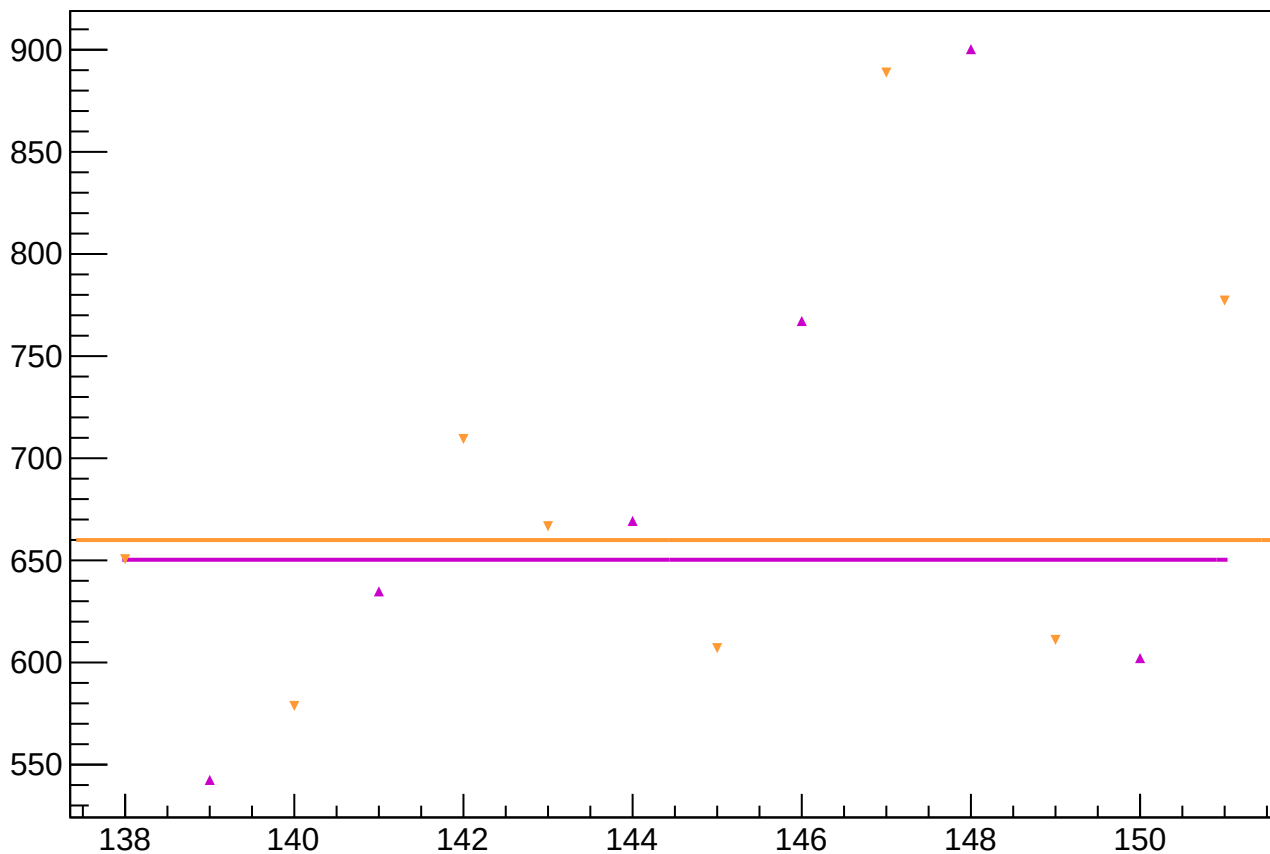
Left In: -326.892 $\pm$ 296.828 χ^2 /NDF:14.1/5

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

All: -358.496 $\pm$ 203.043 χ^2 /NDF: 18.1/13

- sign 0.000 $\pm$ 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: 659.948+/-0.197 χ^2/NDF :194463.0/7

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

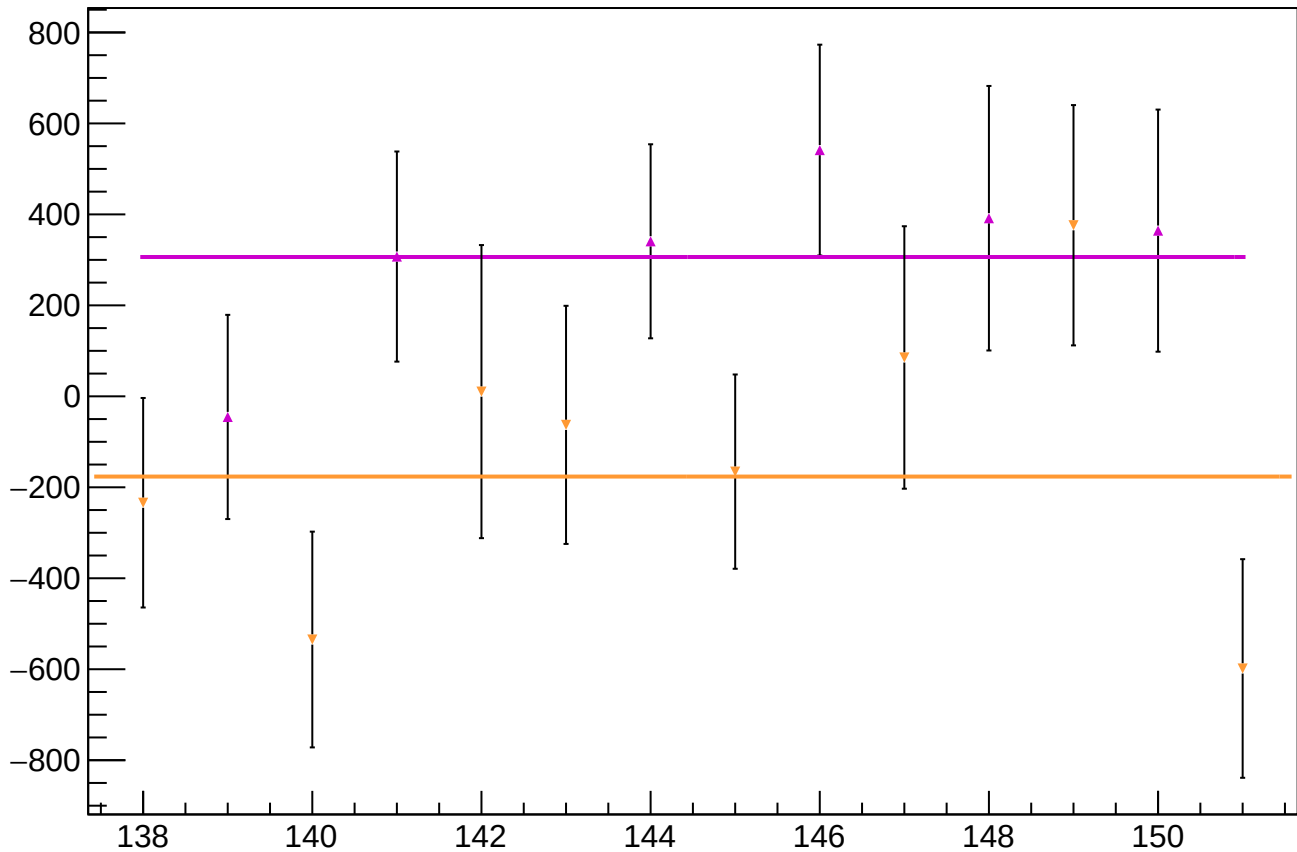
Left In: 650.307+/-0.210 χ^2/NDF :233336.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.437+/-0.144 χ^2/NDF : 428922.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -176.405 $\pm$ 88.936 χ^2 /NDF:11.2/7

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

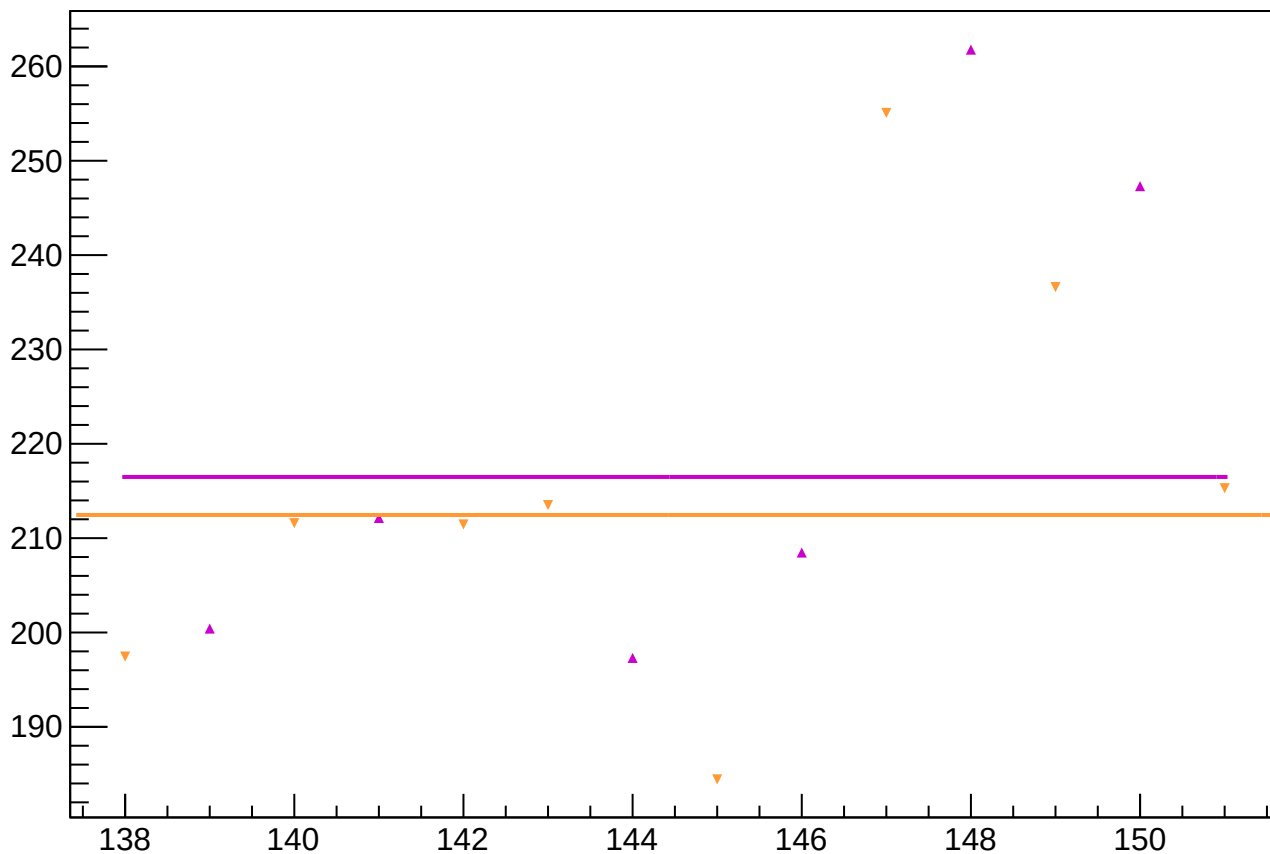
Left In: 306.322 $\pm$ 97.531 χ^2 /NDF:3.6/5

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

All: 42.753 $\pm$ 65.716 χ^2 /NDF: 28.2/13

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

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 212.458+/-0.063 χ^2/NDF :103617.8/7

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

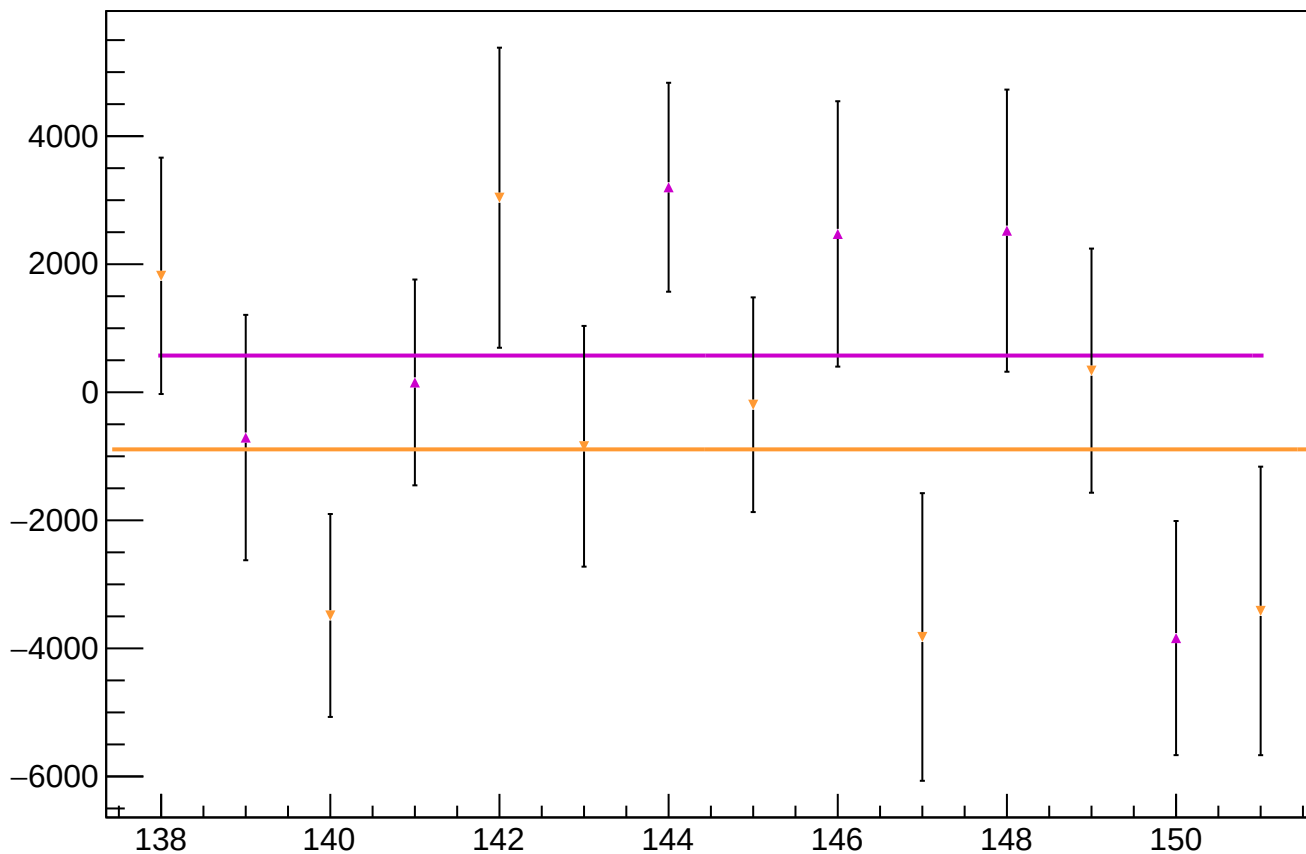
Left In: 216.486+/-0.069 χ^2/NDF :104855.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.286+/-0.046 χ^2/NDF : 210335.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -891.676 $\pm$ 676.841 χ^2 /NDF:11.2/7

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

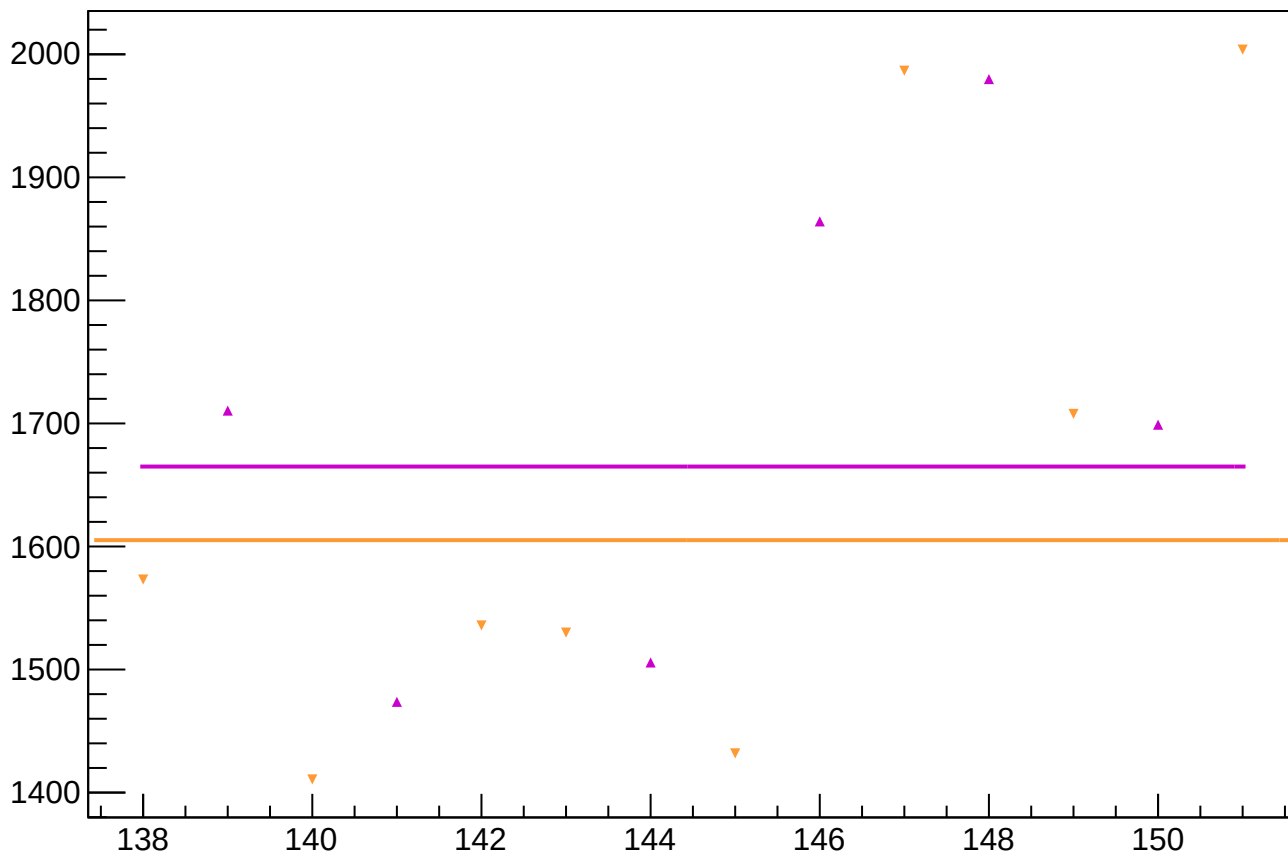
Left In: 573.558 $\pm$ 750.984 χ^2 /NDF:10.6/5

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

All: -234.939 $\pm$ 502.774 χ^2 /NDF: 23.9/13

- sign 0.000 $\pm$ 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: 1605.160+/-0.479 χ^2/NDF : 183149.7/7

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

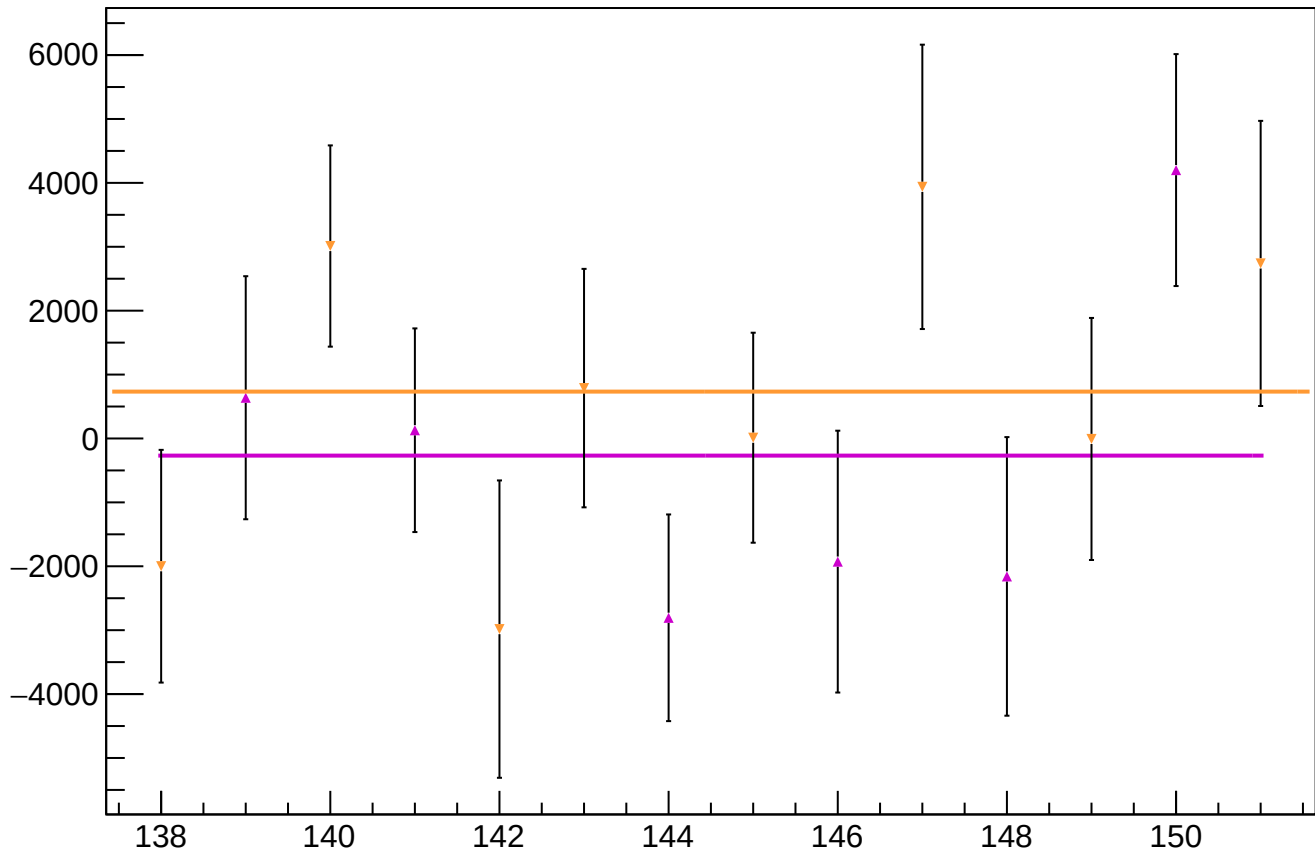
Left In: 1664.963+/-0.531 χ^2/NDF : 108518.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.964+/-0.356 χ^2/NDF : 298666.7/13

- 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: 733.490+/-669.831 χ^2/NDF :10.1/7

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

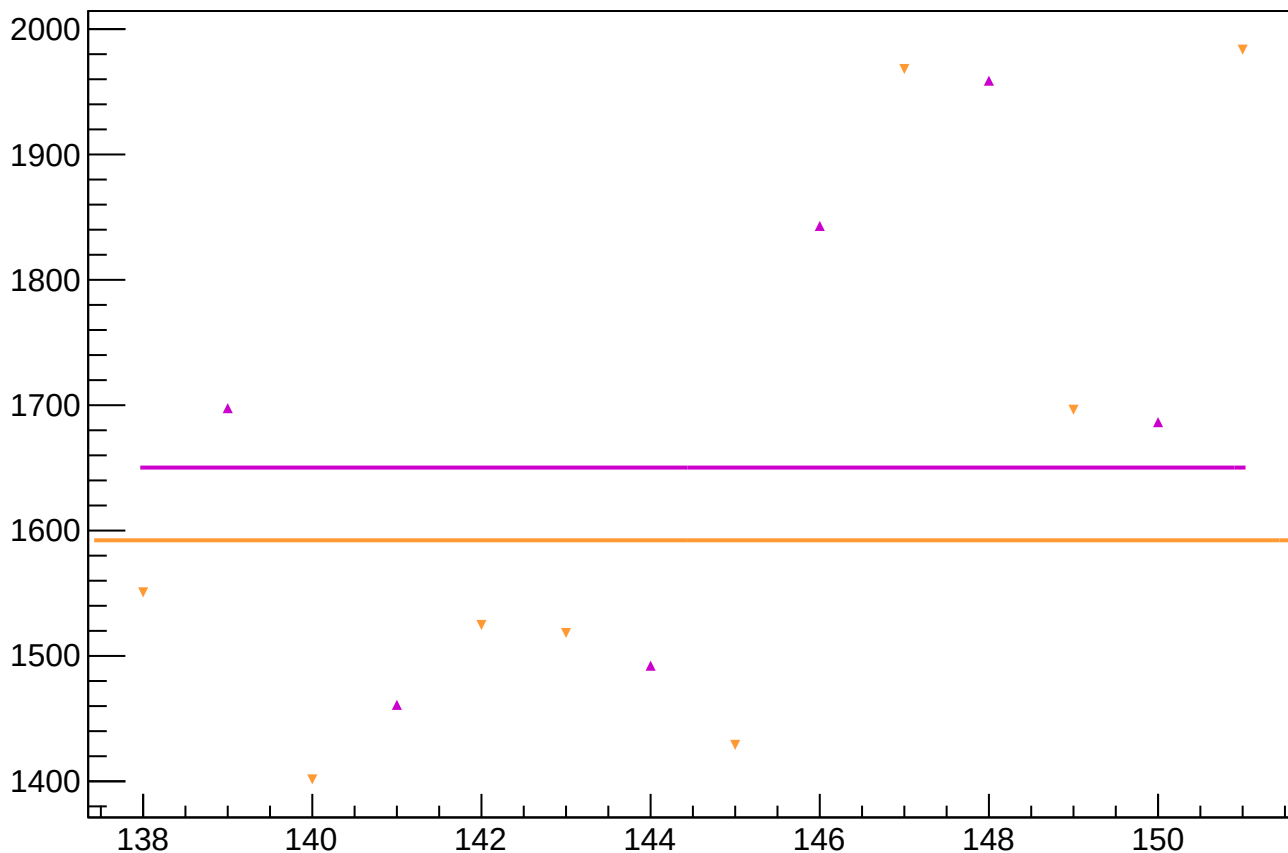
Left In: -268.139+/-744.352 χ^2/NDF :10.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.310+/-497.910 χ^2/NDF : 21.3/13

- 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: 1592.242+/-0.474 χ^2/NDF :179608.0/7

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

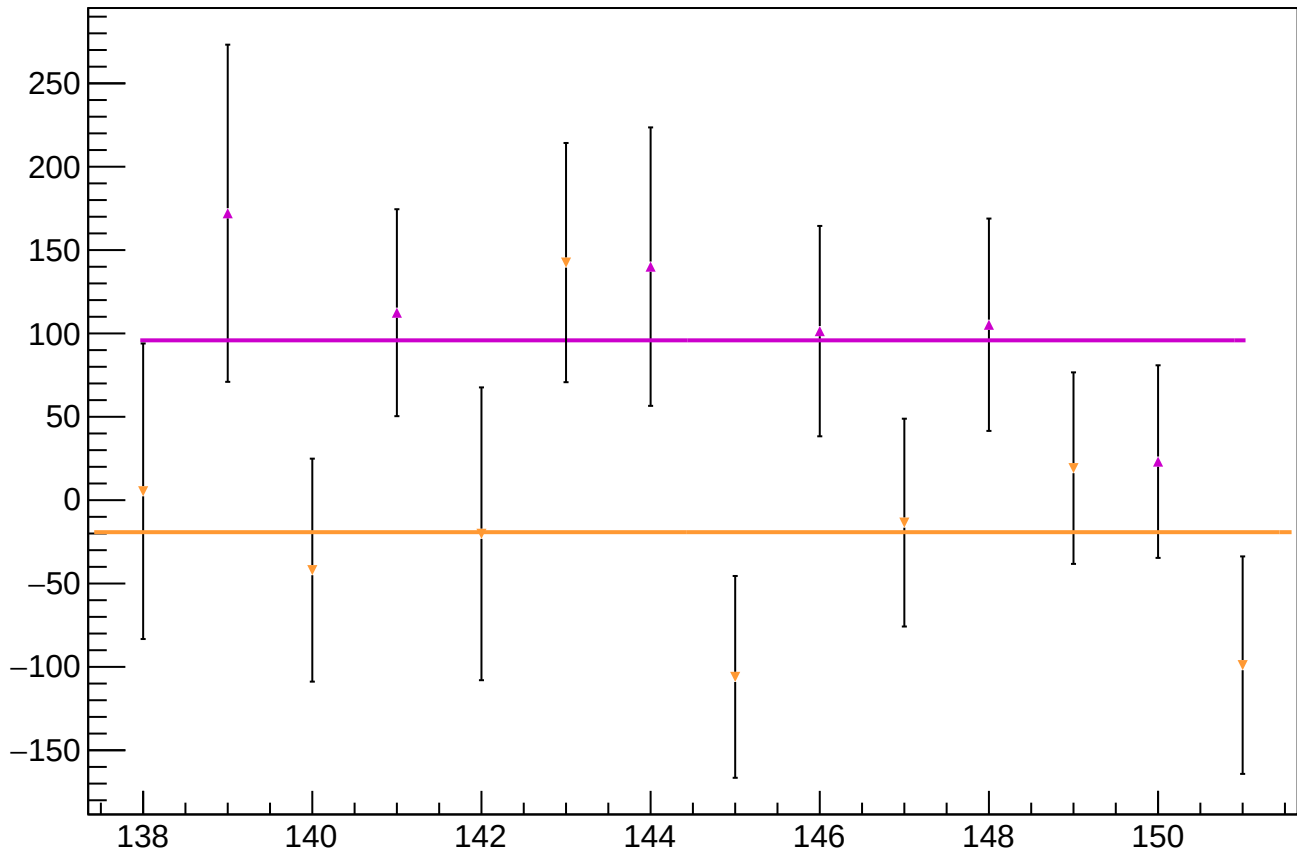
Left In: 1650.253+/-0.526 χ^2/NDF :107123.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1618.199+/-0.352 χ^2/NDF : 293443.6/13

- 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: -19.200+/-23.949 χ^2/NDF : 9.3/7

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

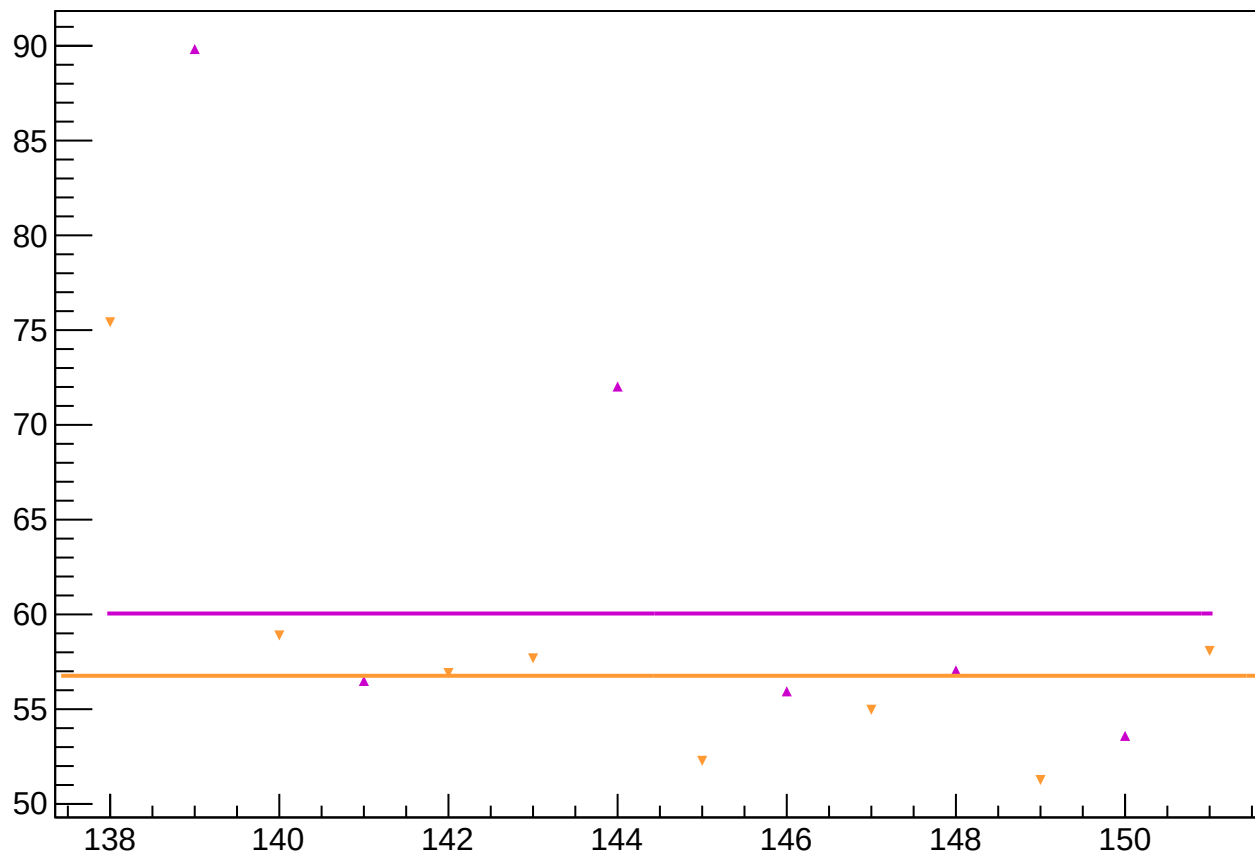
Left In: 95.861+/-27.753 χ^2/NDF : 2.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.910+/-18.131 χ^2/NDF : 21.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 56.763+/-0.017 χ^2/NDF :122707.2/7

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

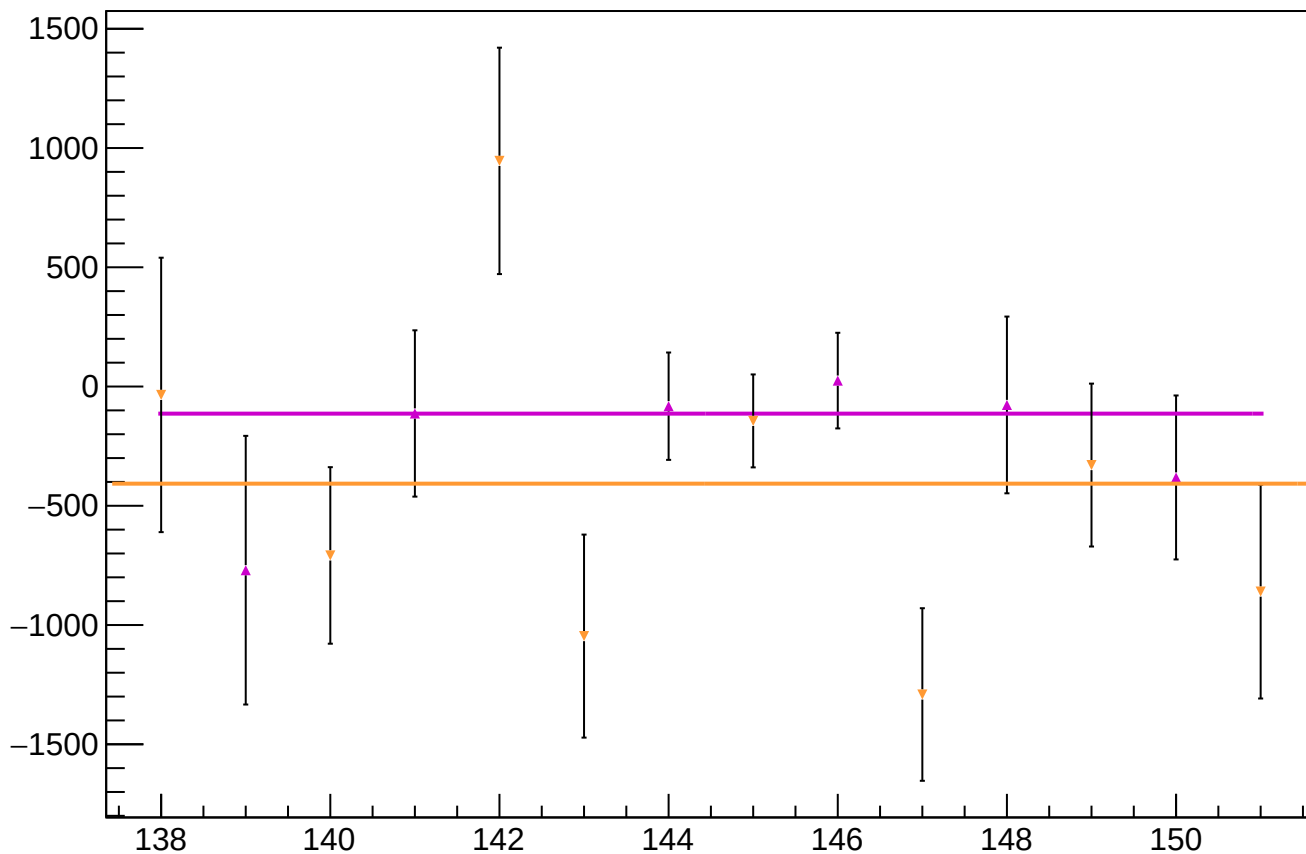
Left In: 60.049+/-0.020 χ^2/NDF :259072.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.166+/-0.013 χ^2/NDF : 397845.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -407.266+/-121.443 χ^2/NDF : 20.3/7

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

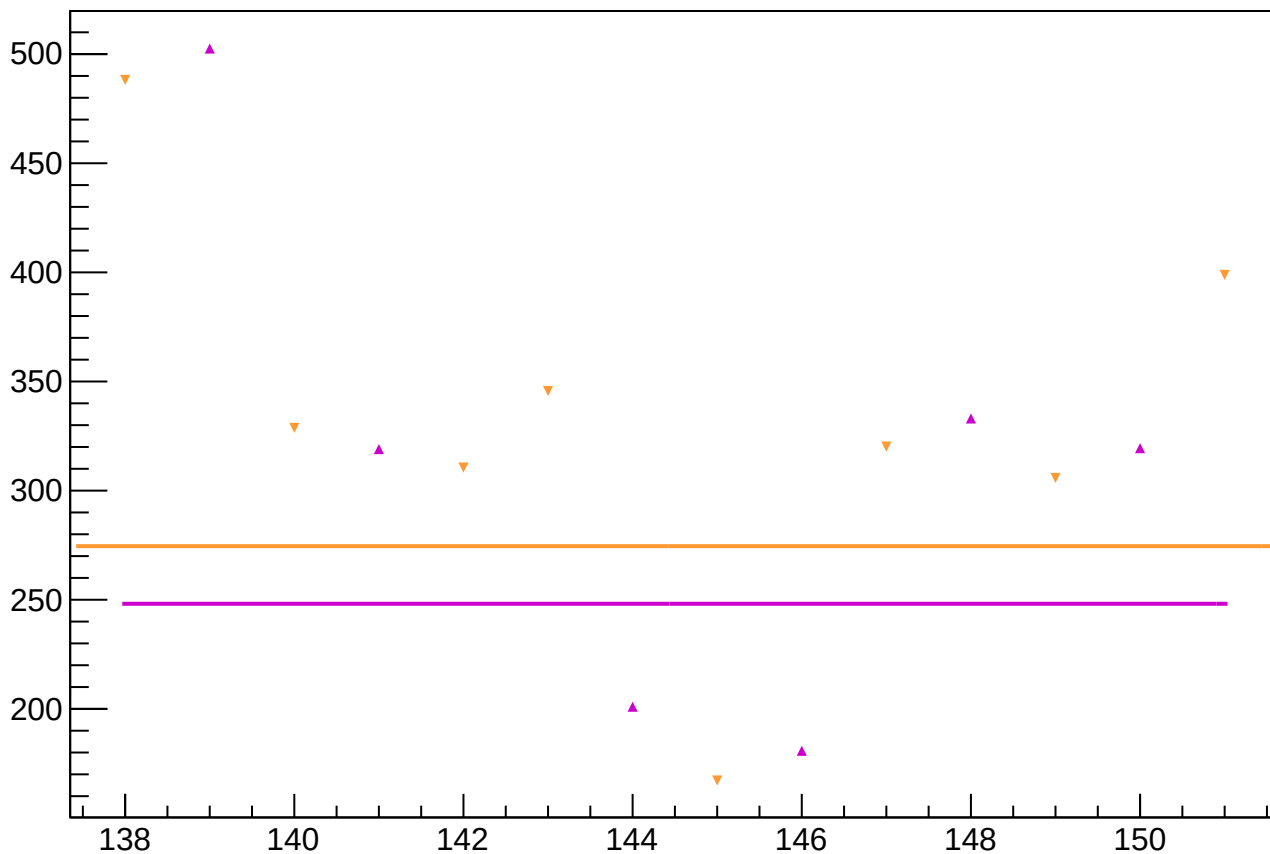
Left In: -113.659+/-118.060 χ^2/NDF : 2.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.315+/-84.652 χ^2/NDF : 25.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 274.556+/-0.086 χ^2/NDF : 1195355.1/7

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

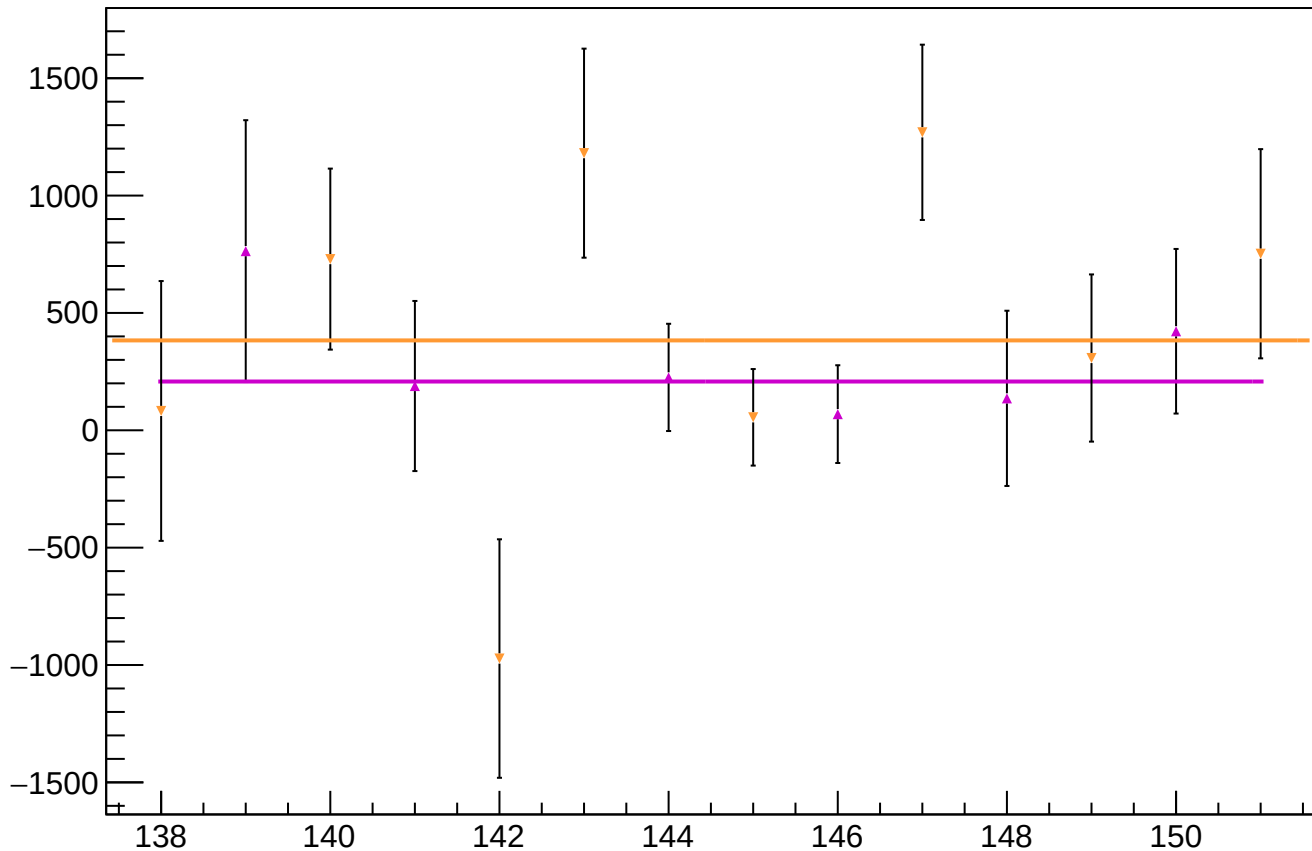
Left In: 248.155+/-0.083 χ^2/NDF : 995247.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.983+/-0.060 χ^2/NDF : 2239199.6/13

- 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: 382.948+/-126.355 χ^2/NDF : 20.3/7

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

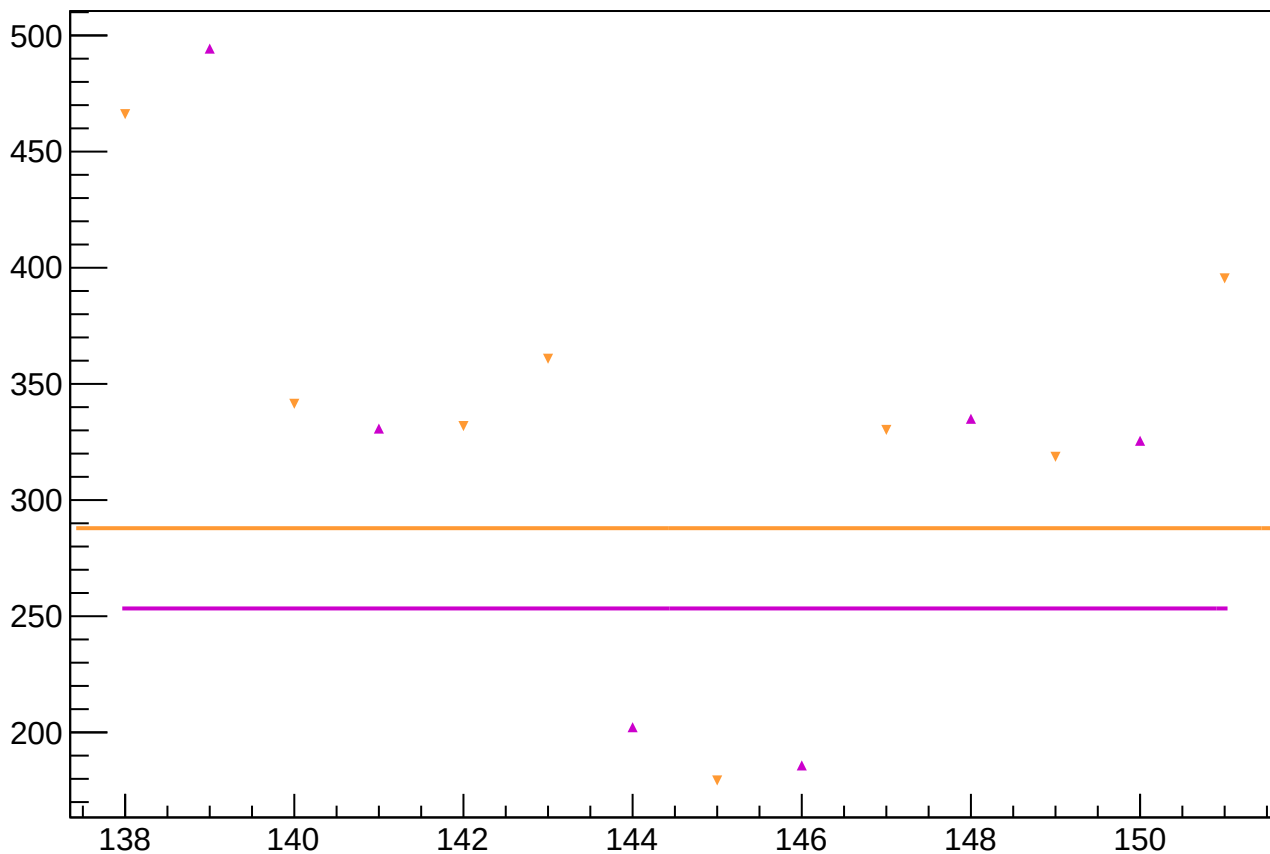
Left In: 207.791+/-120.950 χ^2/NDF : 1.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.543+/-87.373 χ^2/NDF : 23.2/13

- 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: 287.893+/-0.089 χ^2/NDF :1028990.2/7

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

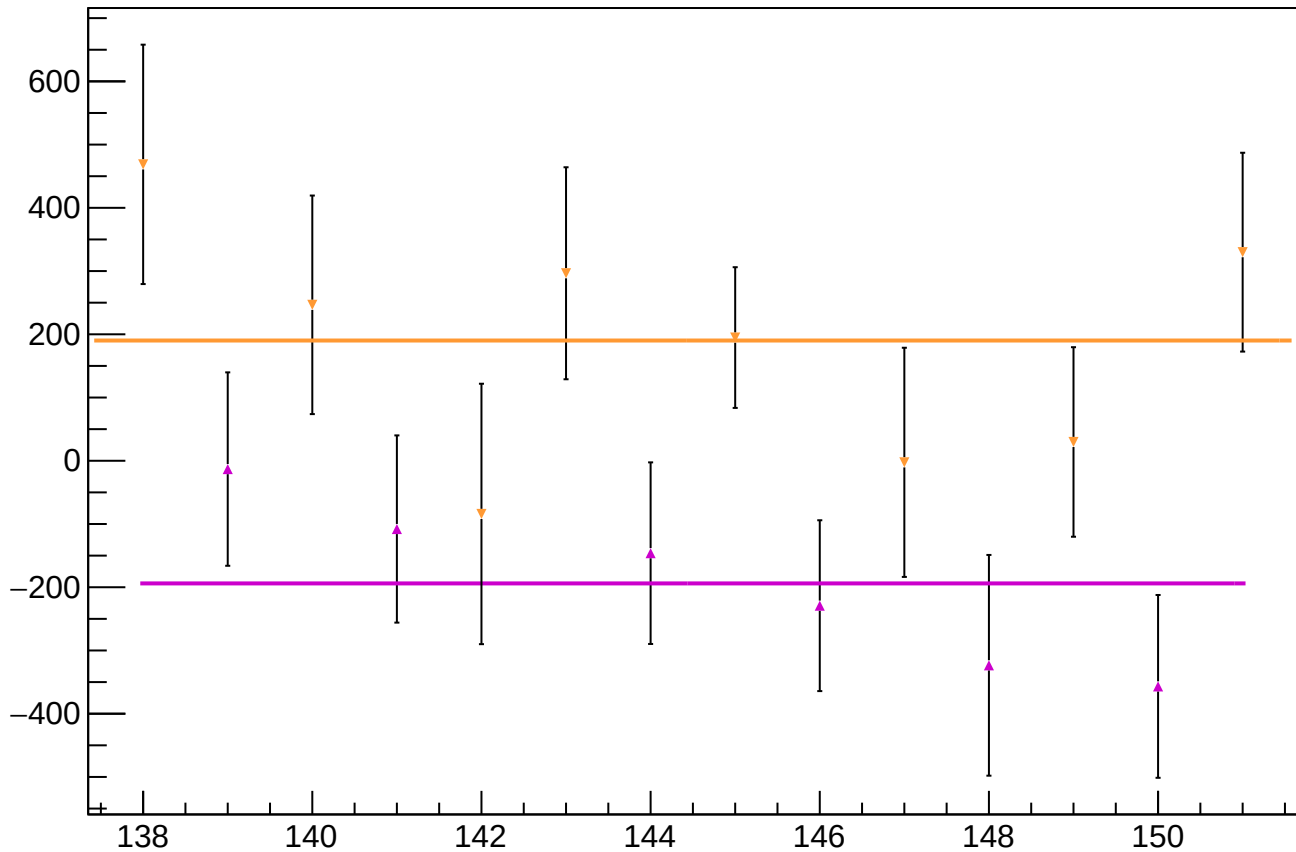
Left In: 253.346+/-0.086 χ^2/NDF :955797.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.865+/-0.062 χ^2/NDF : 2062809.0/13

- 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: 190.174+/-56.184 χ^2/NDF : 7.5/7

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

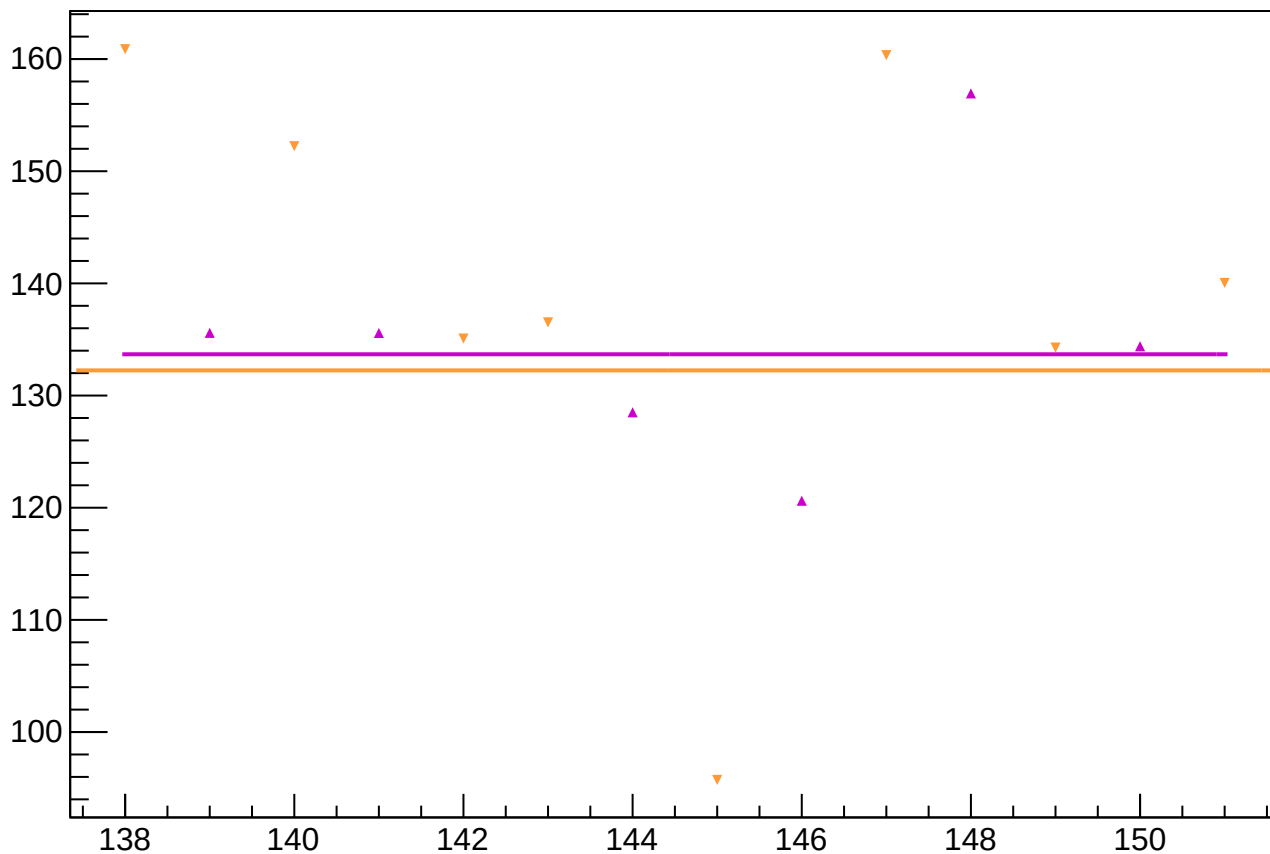
Left In: -193.944+/-60.592 χ^2/NDF : 3.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.594+/-41.198 χ^2/NDF : 32.9/13

- 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: 132.244+/-0.040 χ^2/NDF : 343014.3/7

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

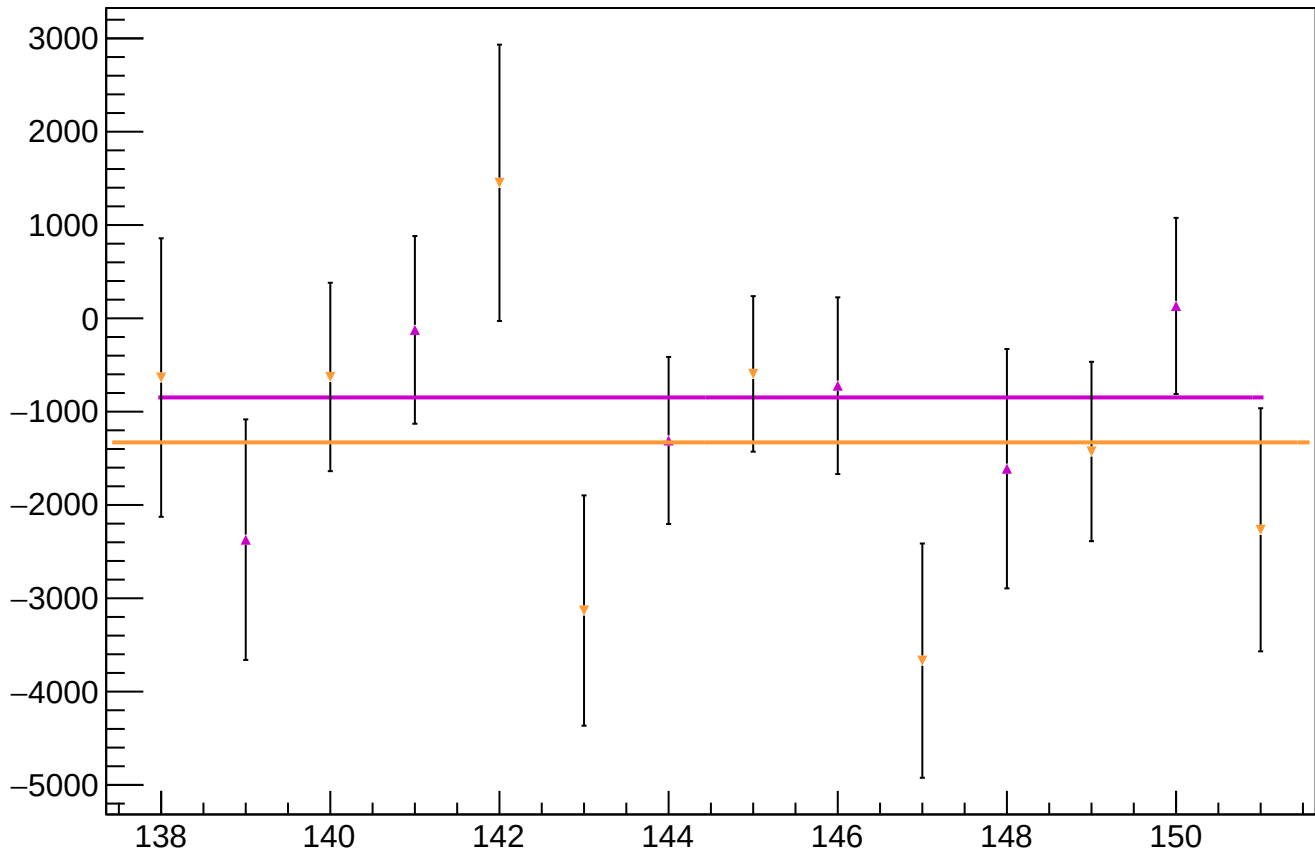
Left In: 133.680+/-0.043 χ^2/NDF : 57487.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.908+/-0.029 χ^2/NDF : 401104.9/13

- 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: -1329.257+/-398.733 χ^2/NDF :11.1/7

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

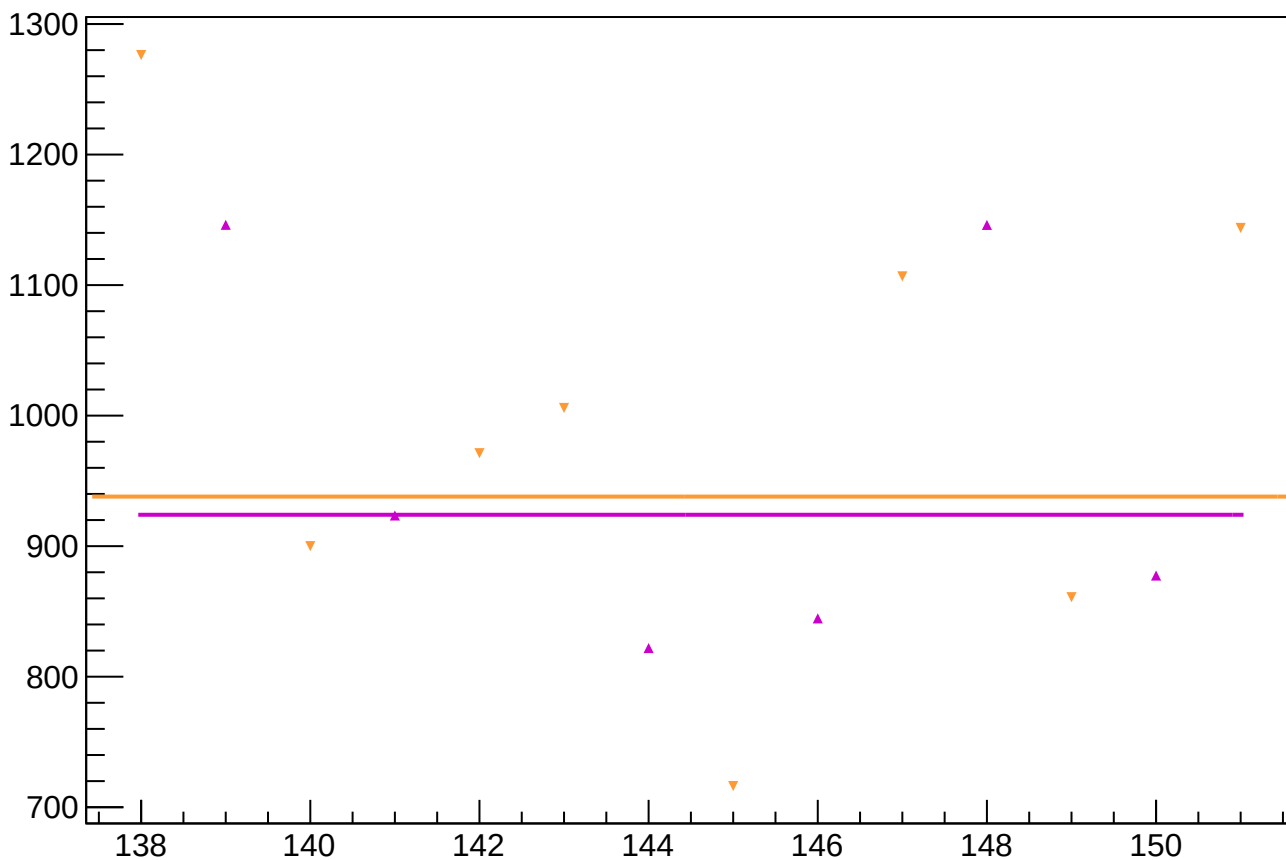
Left In: -847.834+/-419.430 χ^2/NDF :3.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1100.716+/-288.987 χ^2/NDF : 15.5/13

- 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: 937.981+/-0.282 χ^2/NDF : 353146.1/7

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

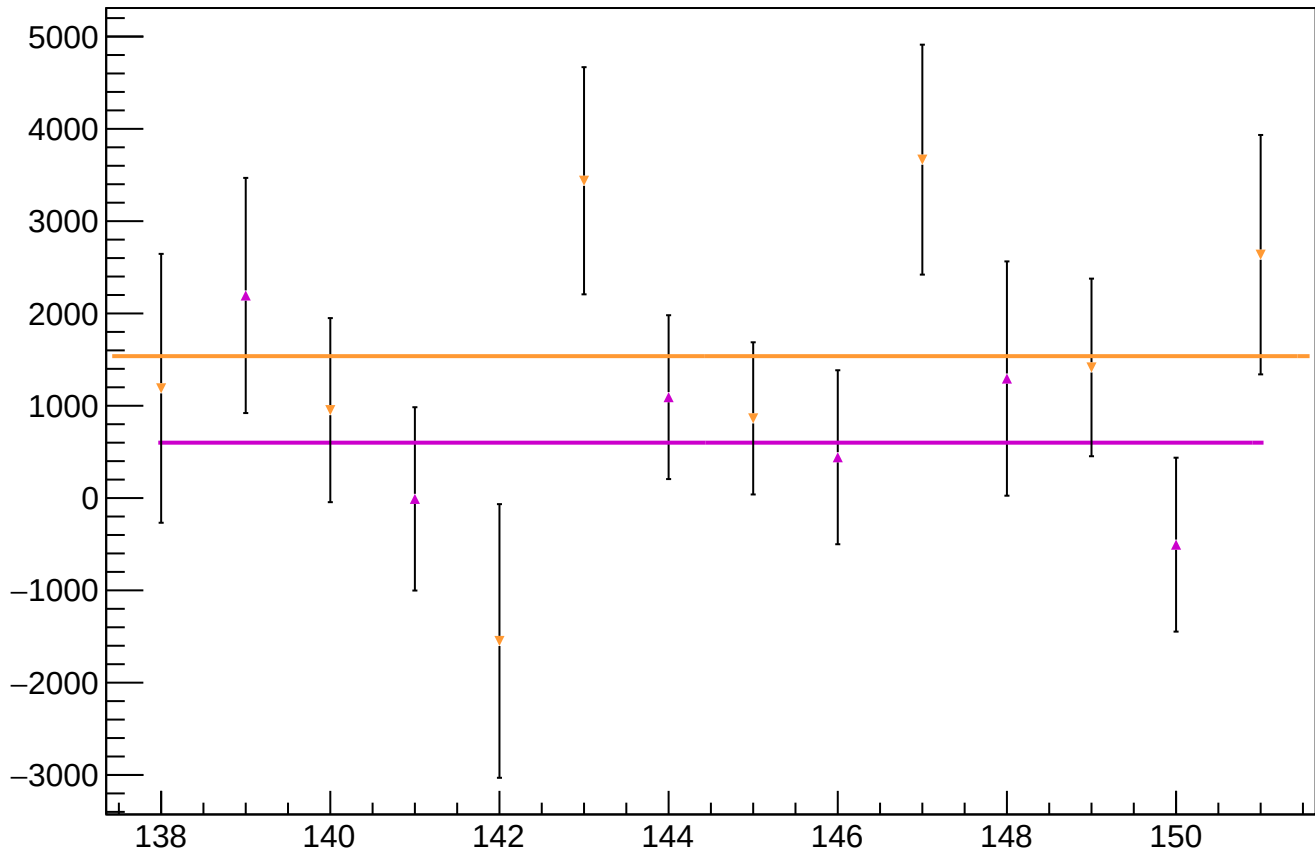
Left In: 924.043+/-0.297 χ^2/NDF : 164296.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 931.365+/-0.204 χ^2/NDF : 518603.1/13

- 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: 1537.415+/-395.802 χ^2/NDF : 11.4/7

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

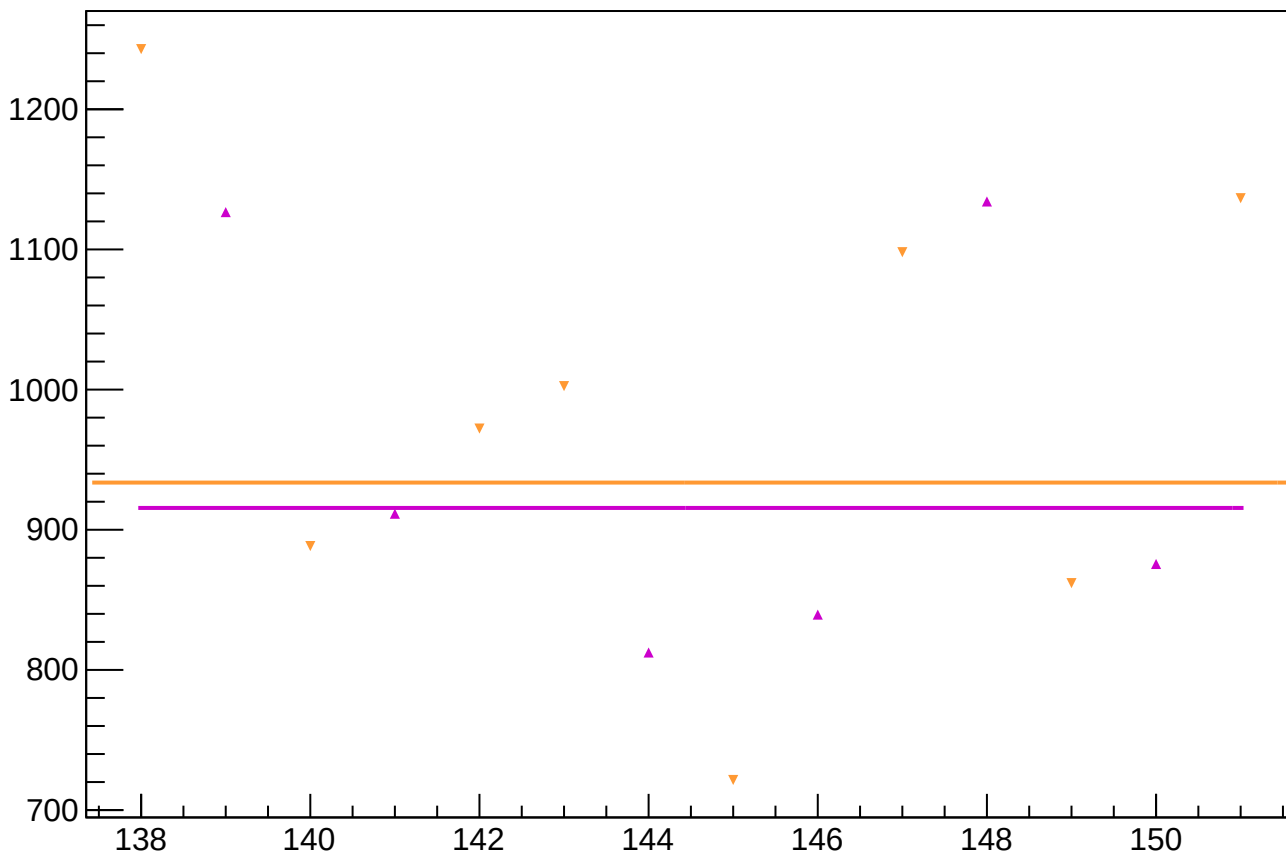
Left In: 600.059+/-416.207 χ^2/NDF : 4.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.276+/-286.817 χ^2/NDF : 18.1/13

- 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: 933.667+/-0.280 χ^2/NDF : 329296.7/7

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

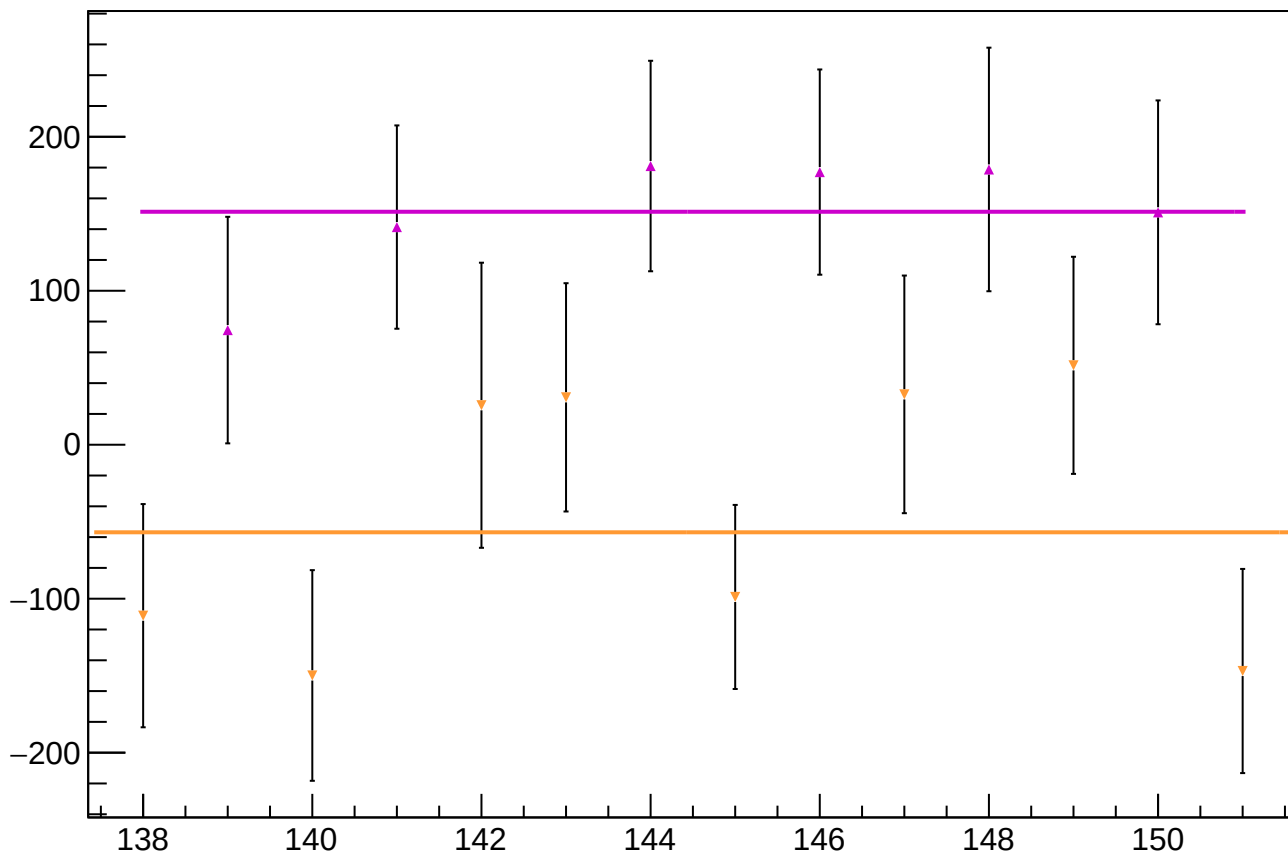
Left In: 915.568+/-0.294 χ^2/NDF : 157940.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.072+/-0.203 χ^2/NDF : 489223.4/13

- 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: -56.871+/-25.165 χ^2/NDF :10.7/7

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

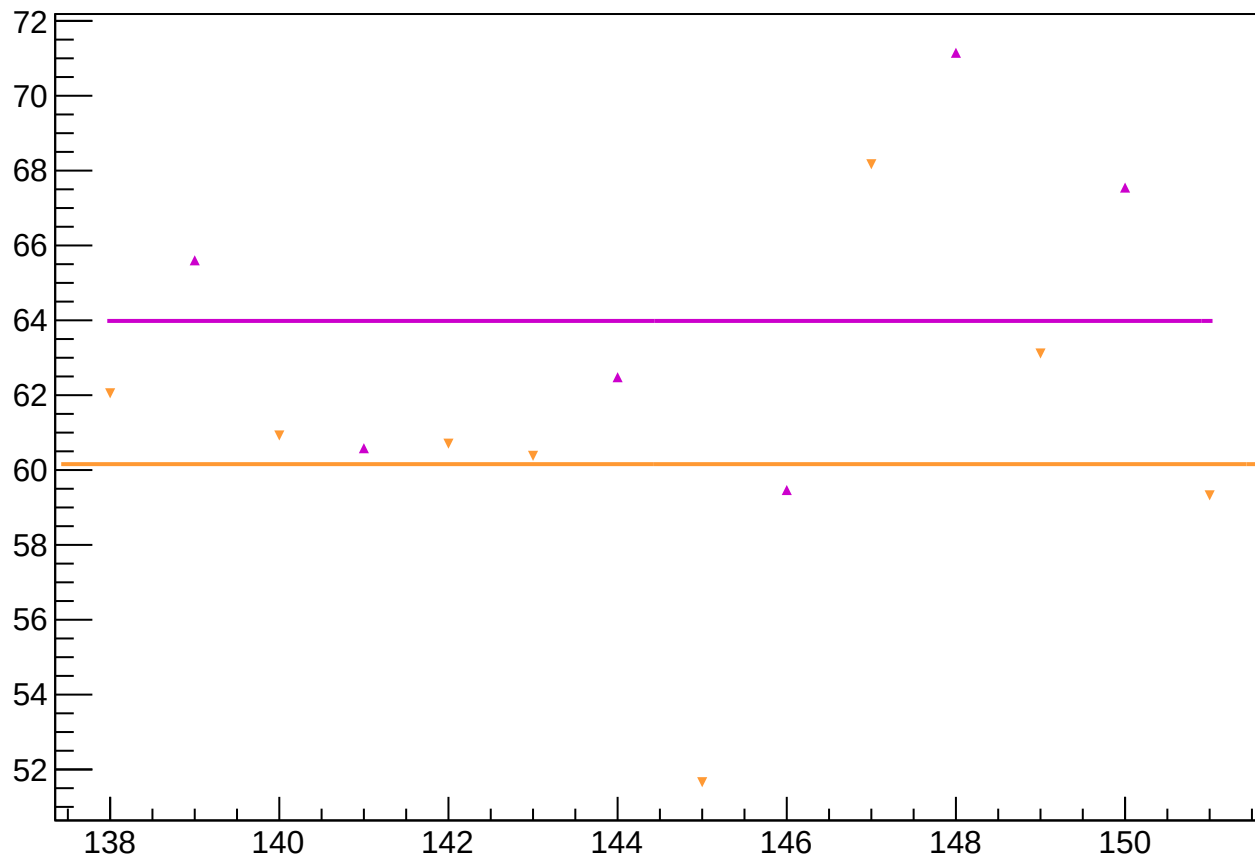
Left In: 151.308+/-28.838 χ^2/NDF :1.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.125+/-18.961 χ^2/NDF : 41.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.158+/-0.018 χ^2/NDF : 67515.5/7

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

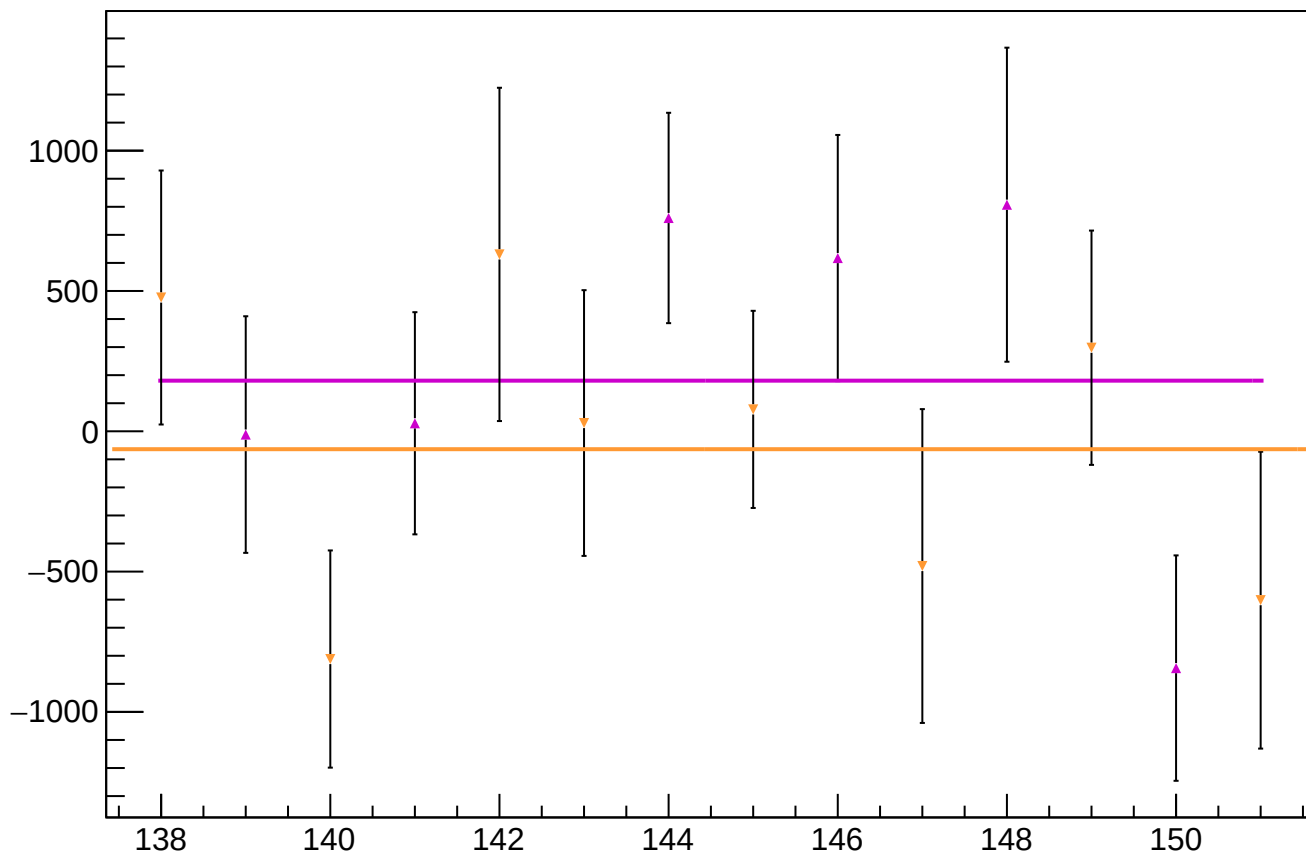
Left In: 63.984+/-0.020 χ^2/NDF : 37648.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.812+/-0.013 χ^2/NDF : 125152.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -63.826+/-159.175 χ^2/NDF : 9.1/7

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

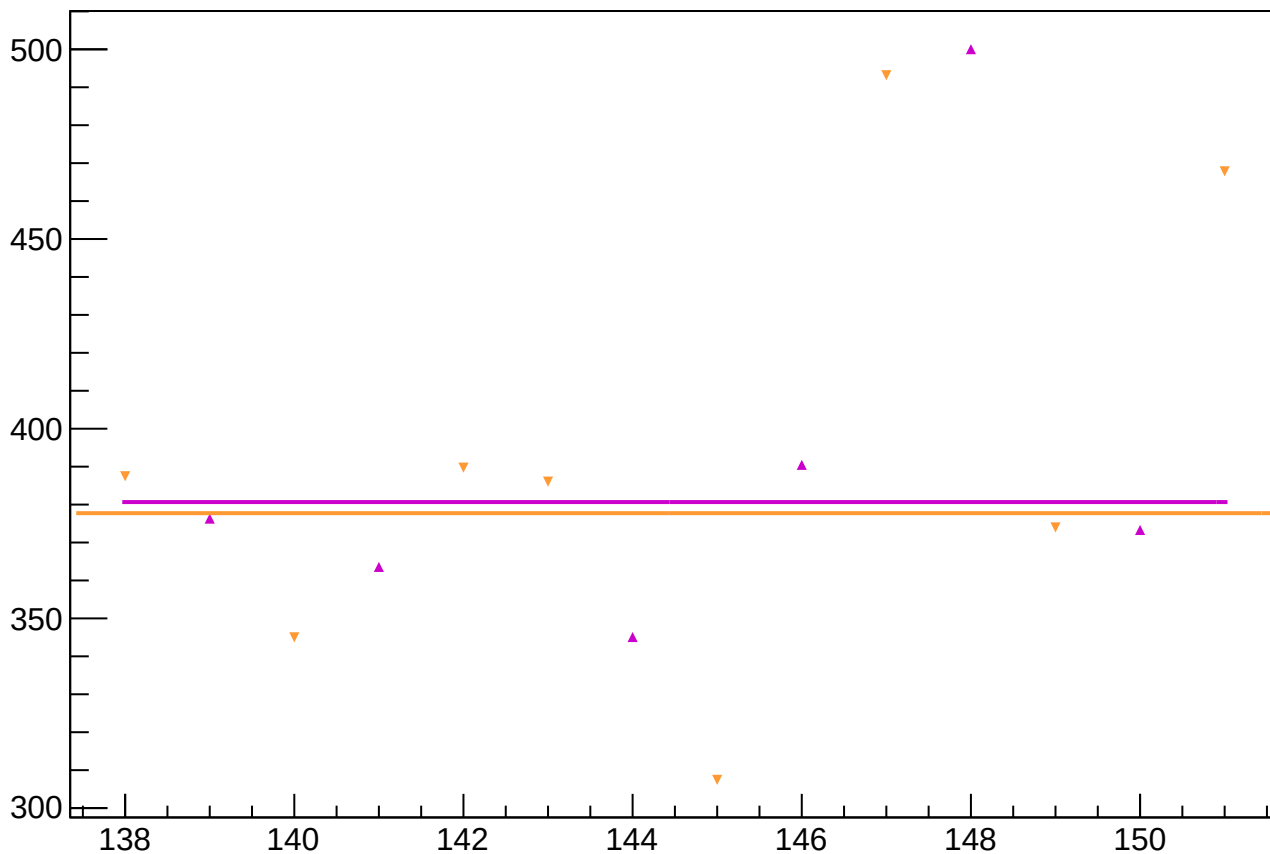
Left In: 180.404+/-172.223 χ^2/NDF : 11.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.688+/-116.895 χ^2/NDF : 21.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 377.737+/-0.113 χ^2/NDF : 240151.7/7

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

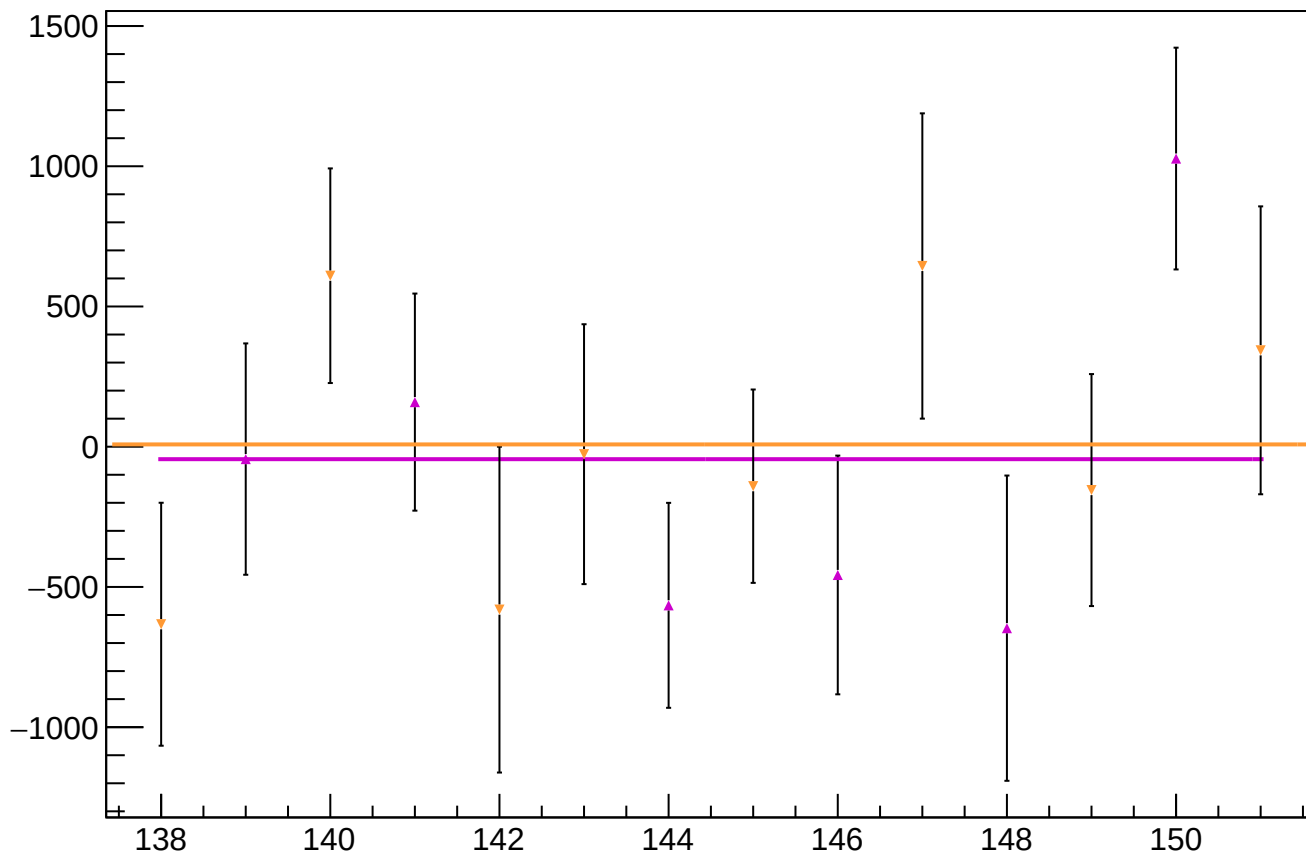
Left In: 380.662+/-0.122 χ^2/NDF : 114636.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.085+/-0.083 χ^2/NDF : 355099.6/13

- 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: 8.194+/-155.764 χ^2/NDF : 7.8/7

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

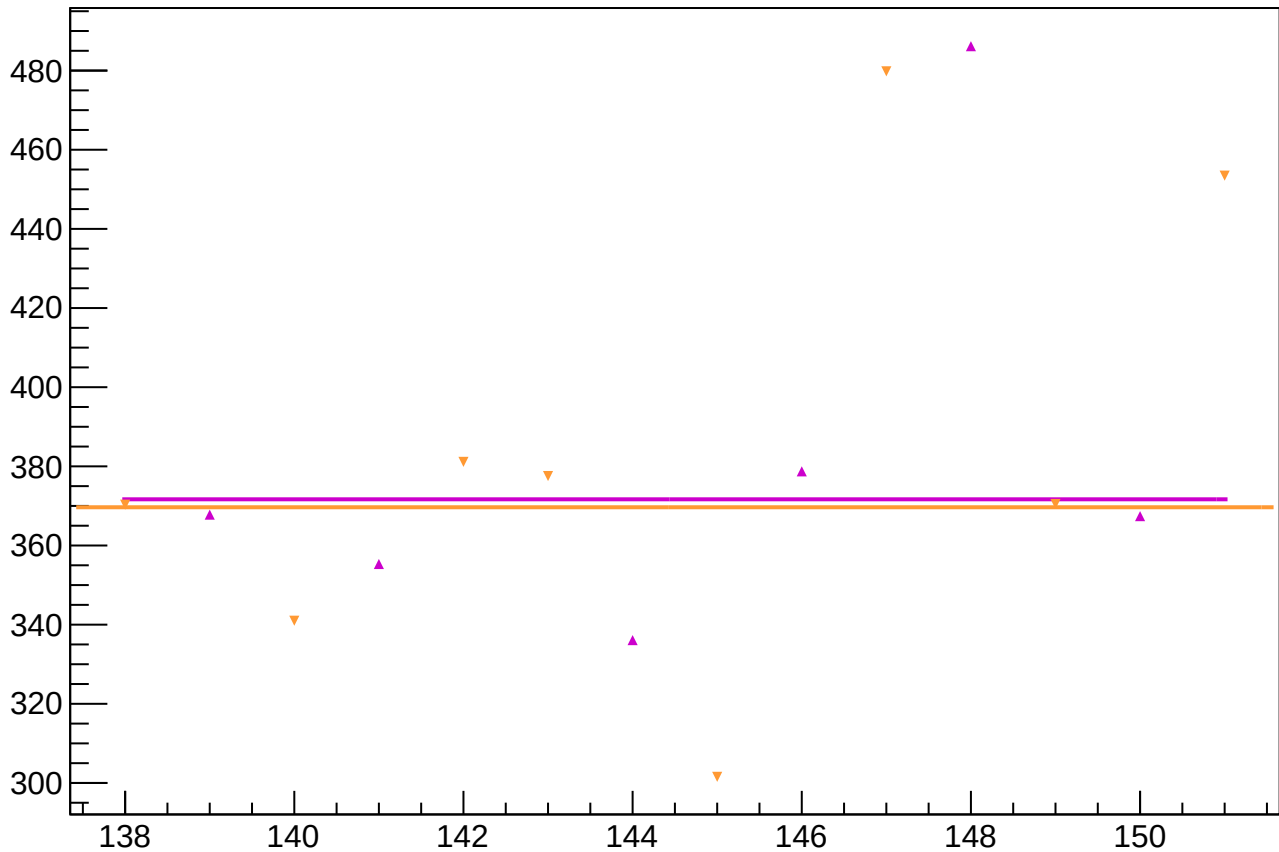
Left In: -44.430+/-168.216 χ^2/NDF : 11.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.098+/-114.291 χ^2/NDF : 19.7/13

- 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: 369.662+/-0.110 χ^2/NDF : 225916.4/7

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

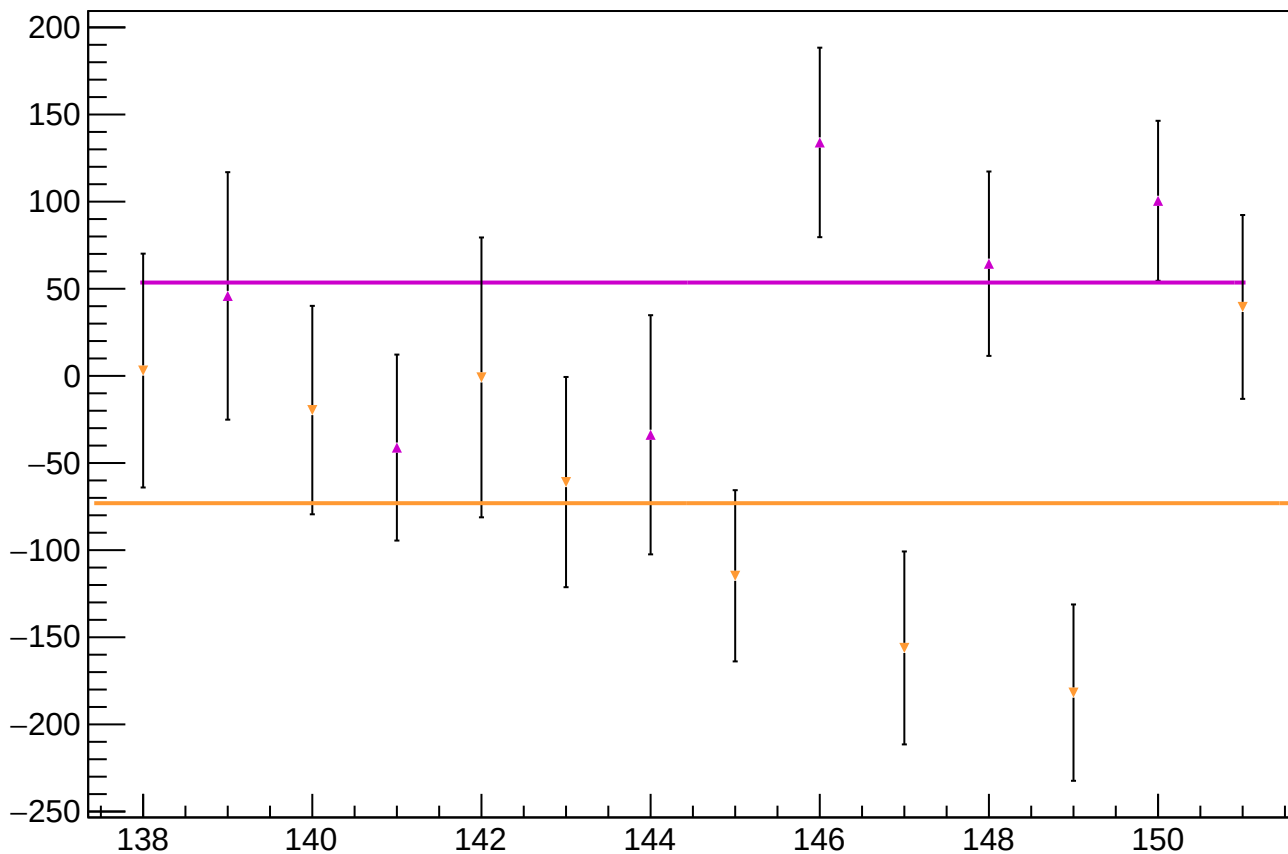
Left In: 371.674+/-0.119 χ^2/NDF : 112010.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.591+/-0.081 χ^2/NDF : 338080.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -73.051+/-20.320 χ^2/NDF : 15.1/7

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

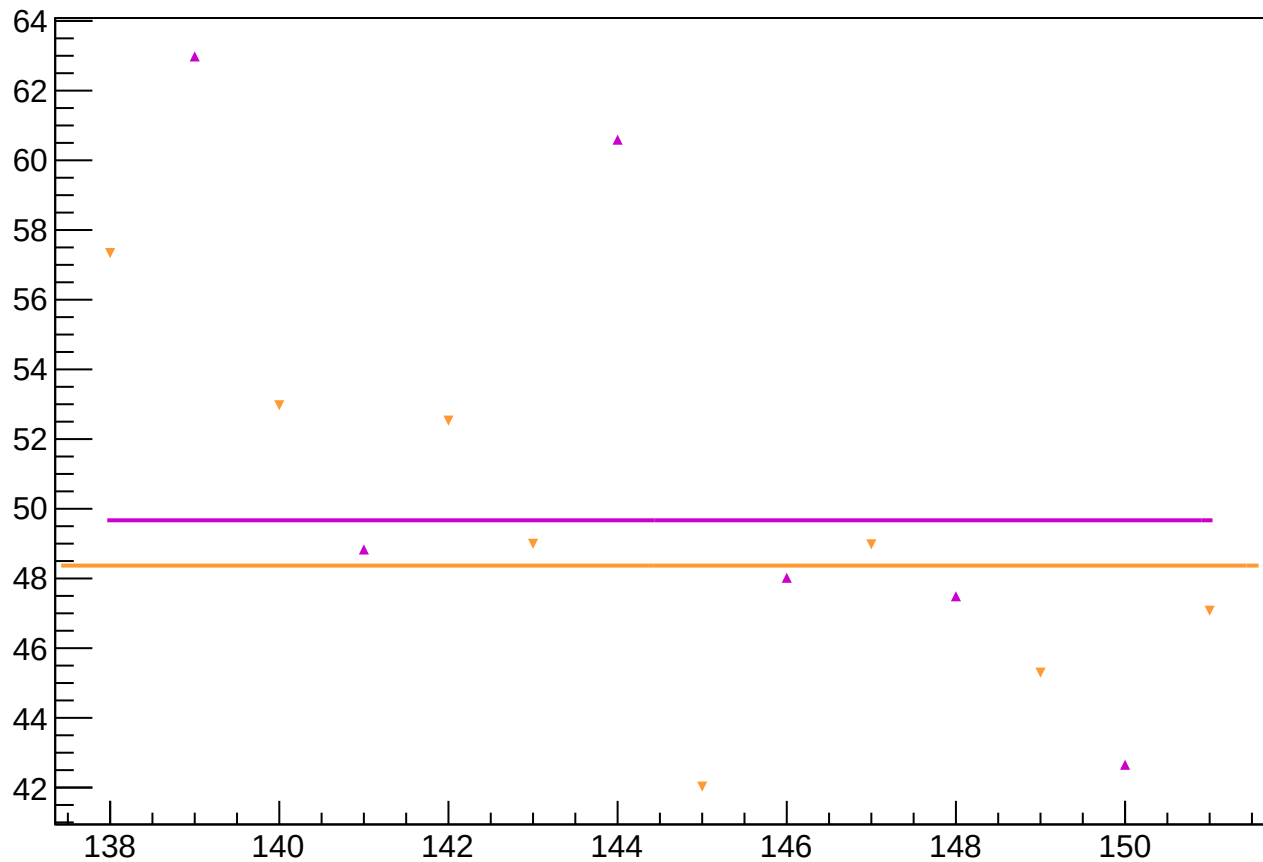
Left In: 53.564+/-22.753 χ^2/NDF : 8.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.872+/-15.156 χ^2/NDF : 40.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 48.370+/-0.014 χ^2/NDF : 95297.7/7

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

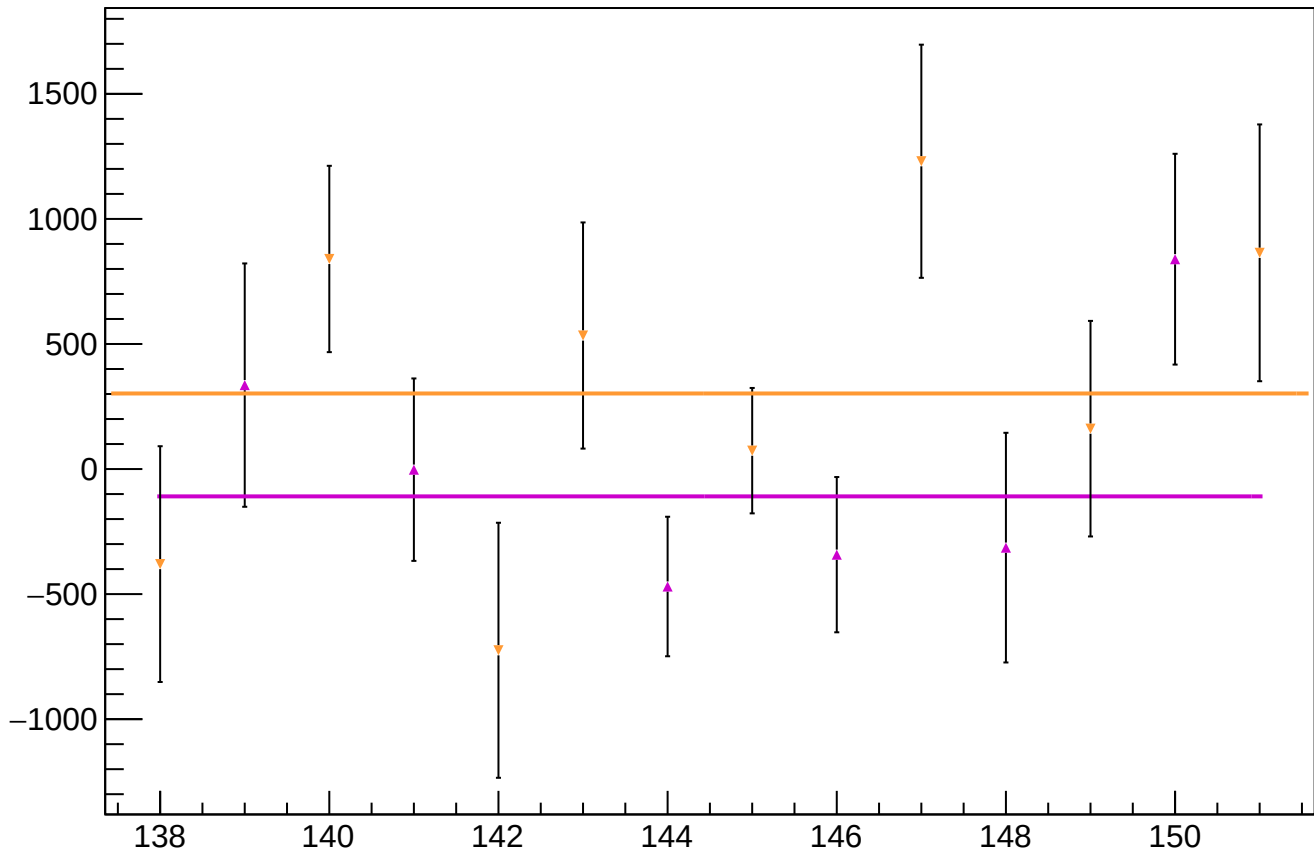
Left In: 49.670+/-0.016 χ^2/NDF : 173373.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.947+/-0.011 χ^2/NDF : 272299.6/13

- 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: 302.136+/-141.223 χ^2/NDF :14.6/7

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

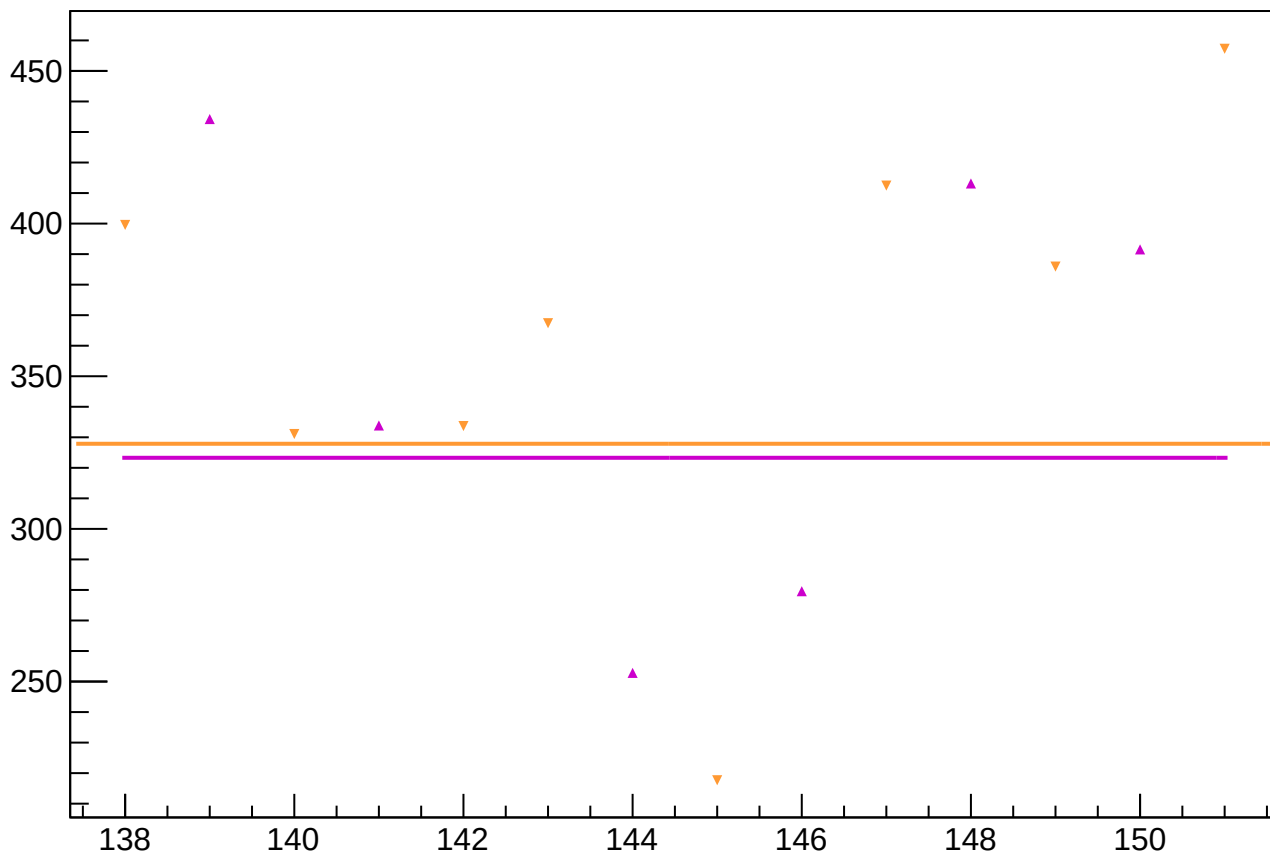
Left In: -109.277+/-148.489 χ^2/NDF :8.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.741+/-102.332 χ^2/NDF : 27.1/13

- 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: 327.883+/-0.100 χ^2/NDF : 677601.5/7

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

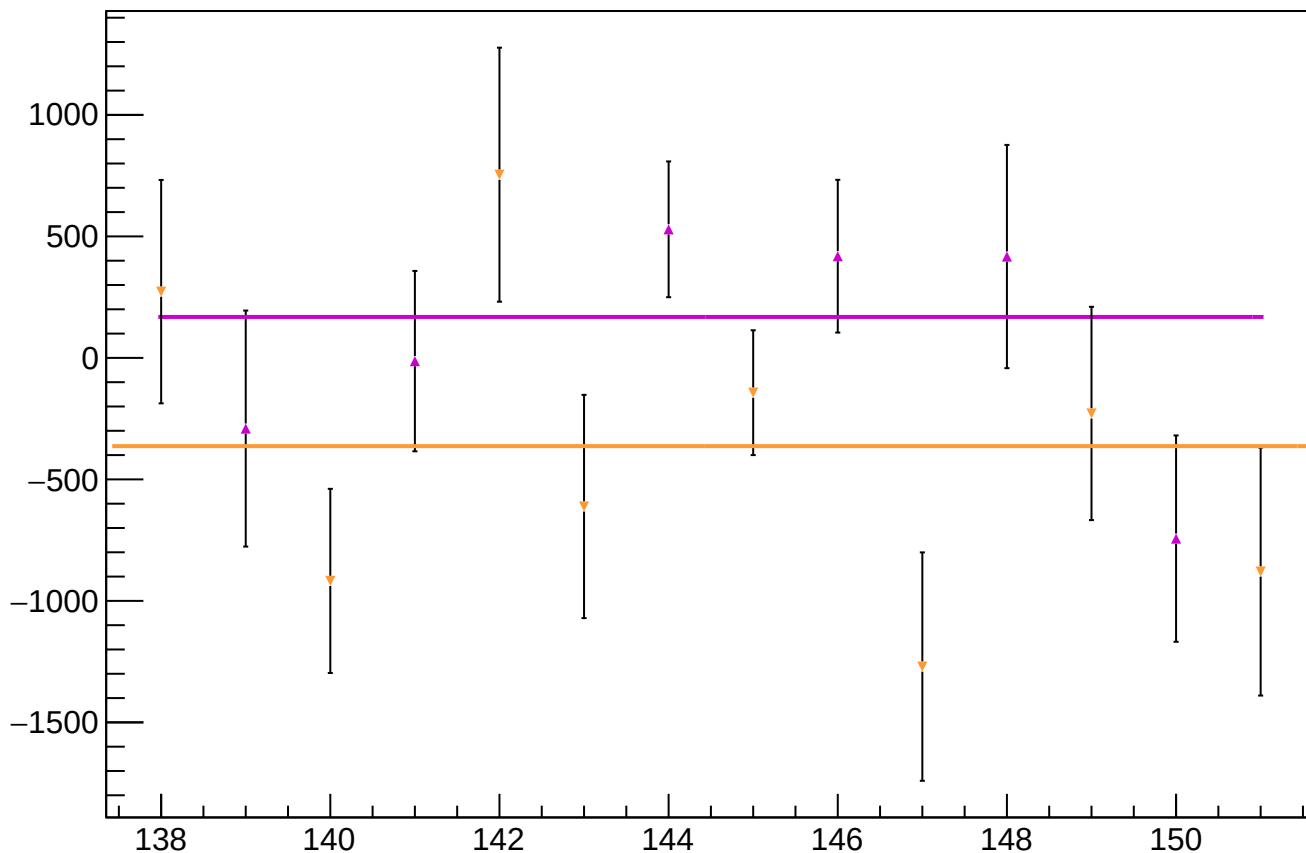
Left In: 323.289+/-0.105 χ^2/NDF : 402038.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.701+/-0.072 χ^2/NDF : 1080645.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -363.098 $\pm$ 143.140 χ^2 /NDF:14.5/7

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

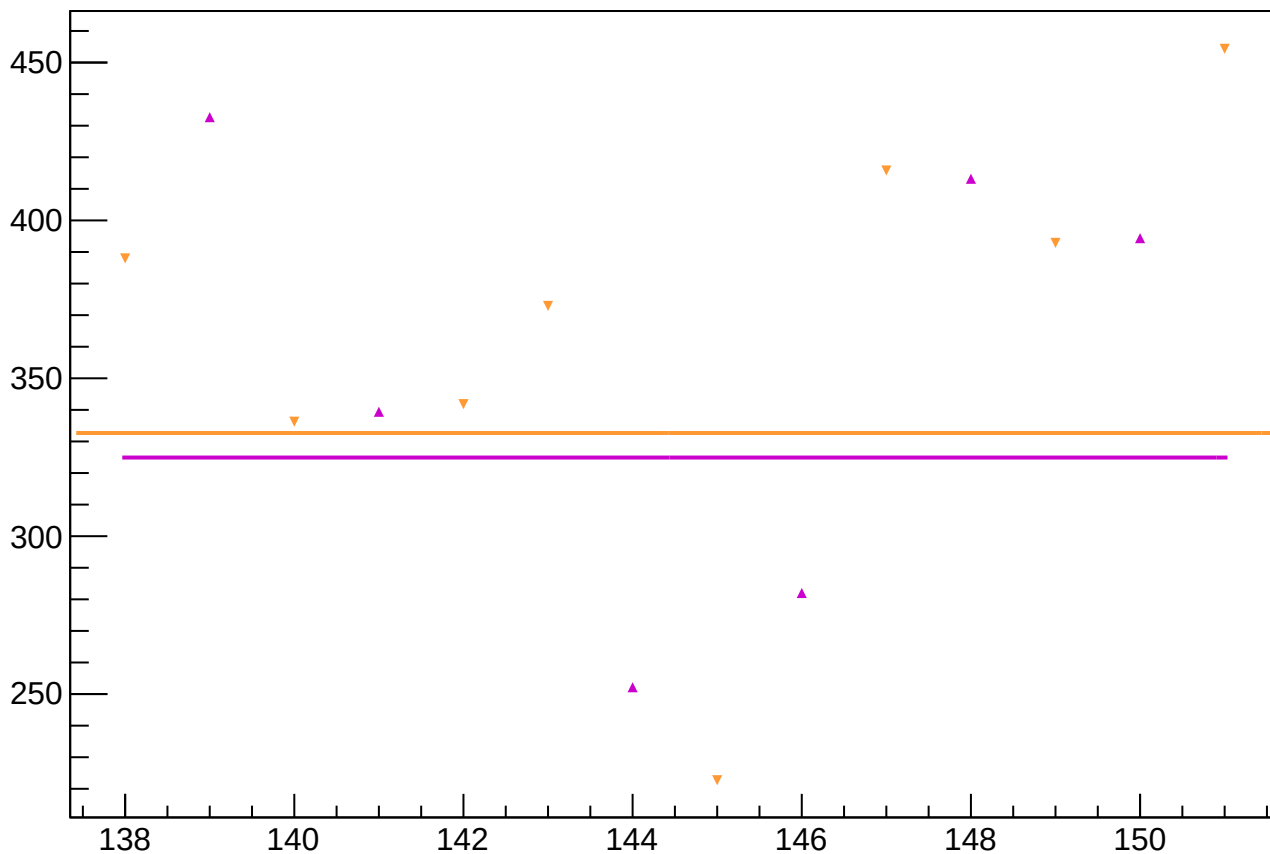
Left In: 168.533 $\pm$ 149.550 χ^2 /NDF:8.3/5

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

All: -108.919 $\pm$ 103.407 χ^2 /NDF: 29.4/13

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

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 332.680+/-0.101 χ^2/NDF : 625466.4/7

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

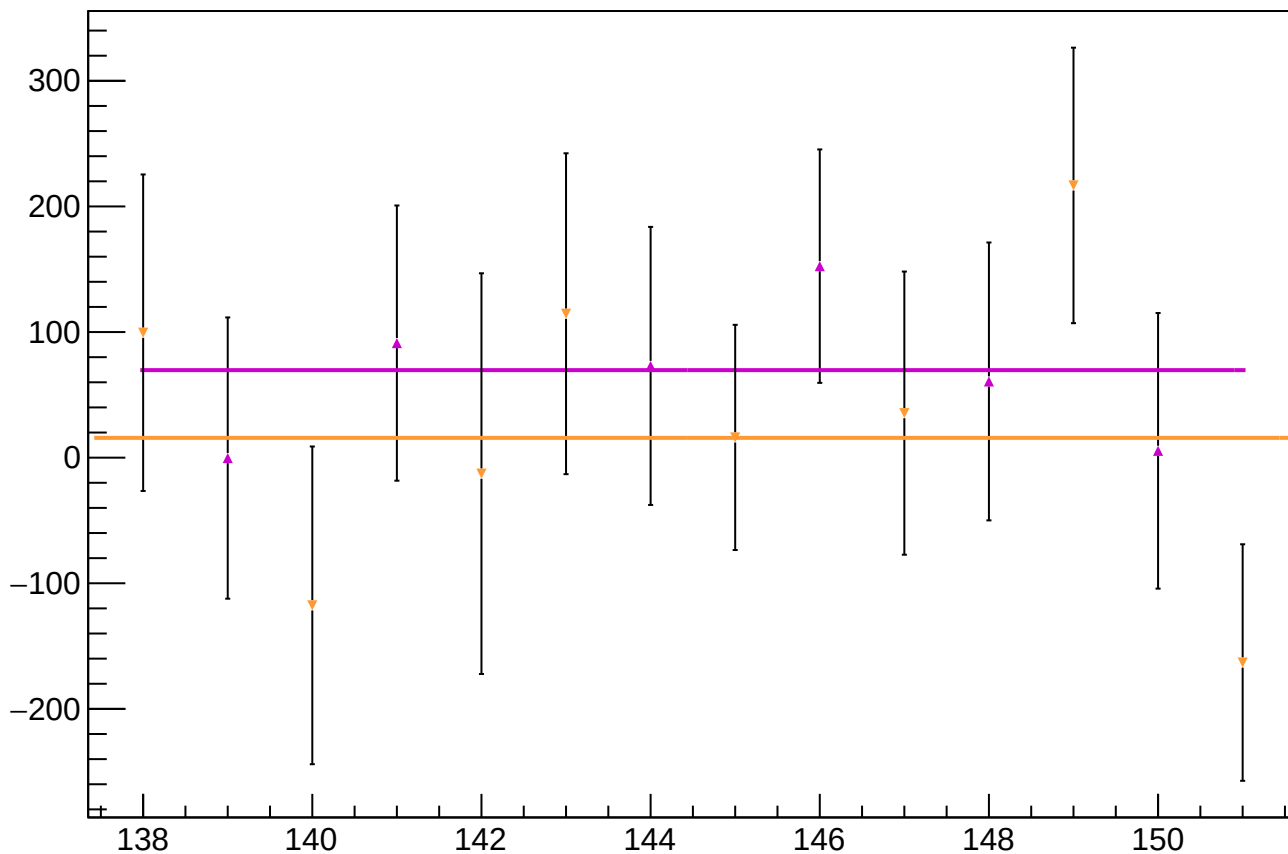
Left In: 324.907+/-0.106 χ^2/NDF : 401782.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.964+/-0.073 χ^2/NDF : 1030069.1/13

- 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: 15.763+/-39.992 χ^2/NDF :9.2/7

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

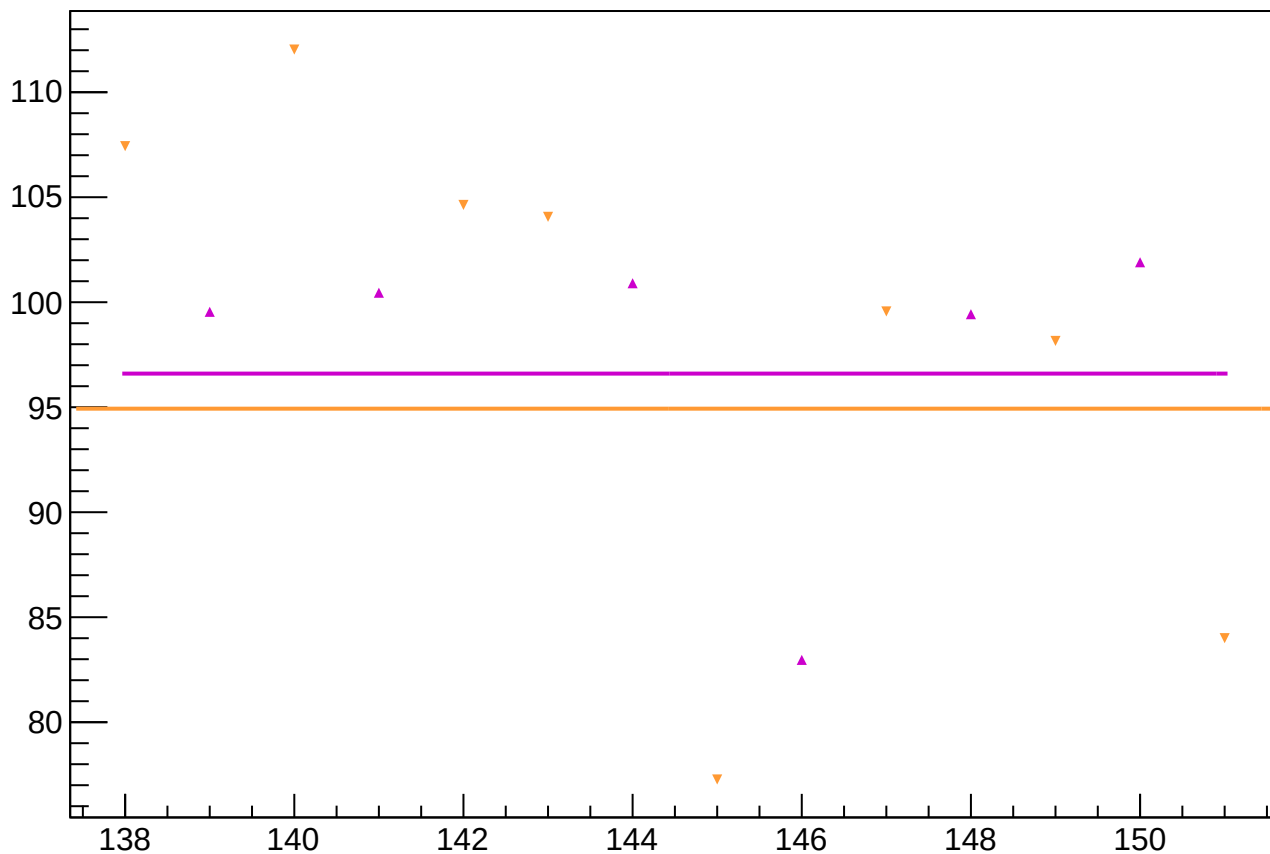
Left In: 69.679+/-43.629 χ^2/NDF :1.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.381+/-29.480 χ^2/NDF : 11.6/13

- 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: 94.931+/-0.028 χ^2/NDF : 183555.8/7

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

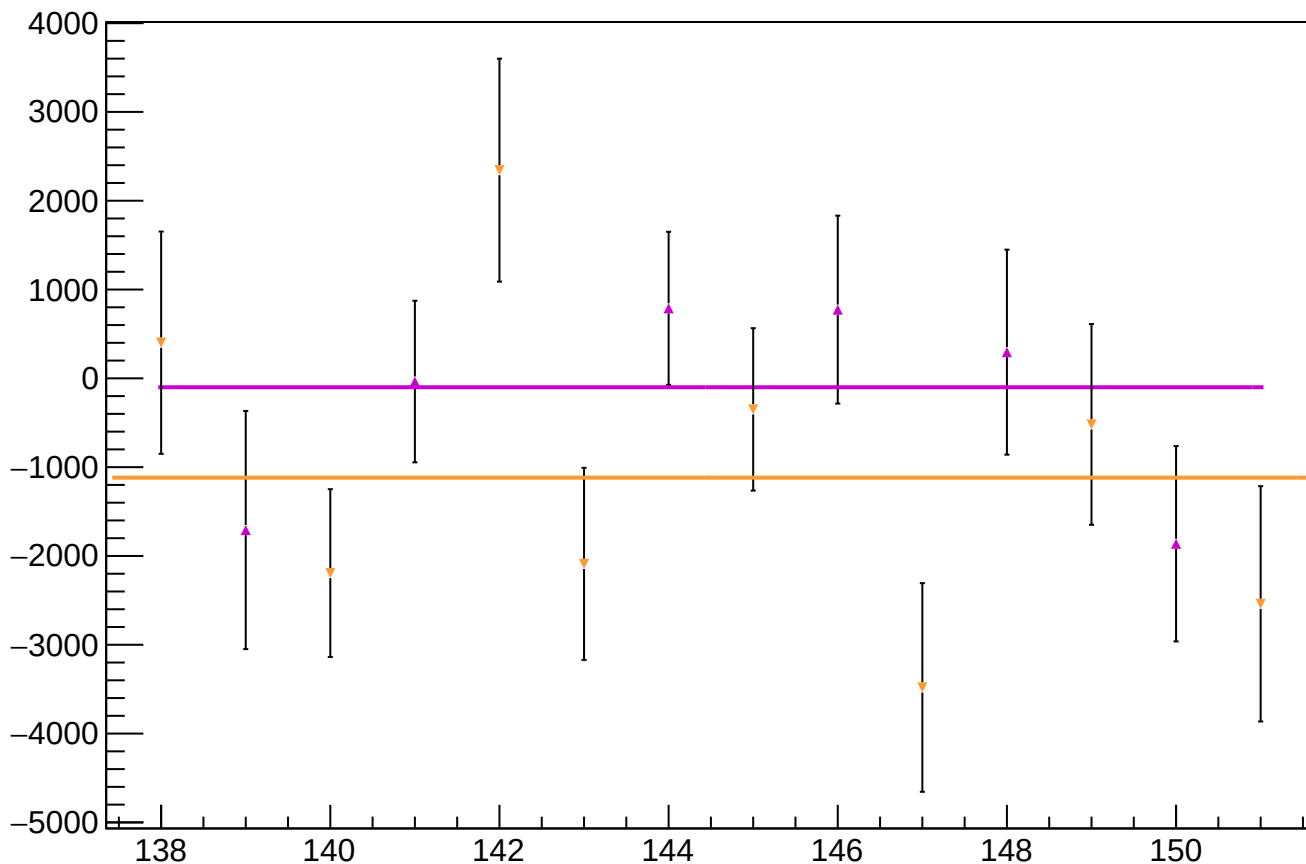
Left In: 96.601+/-0.031 χ^2/NDF : 55903.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.693+/-0.021 χ^2/NDF : 241051.6/13

- 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: -1118.019 $\pm$ 391.598 χ^2 /NDF:17.4/7

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

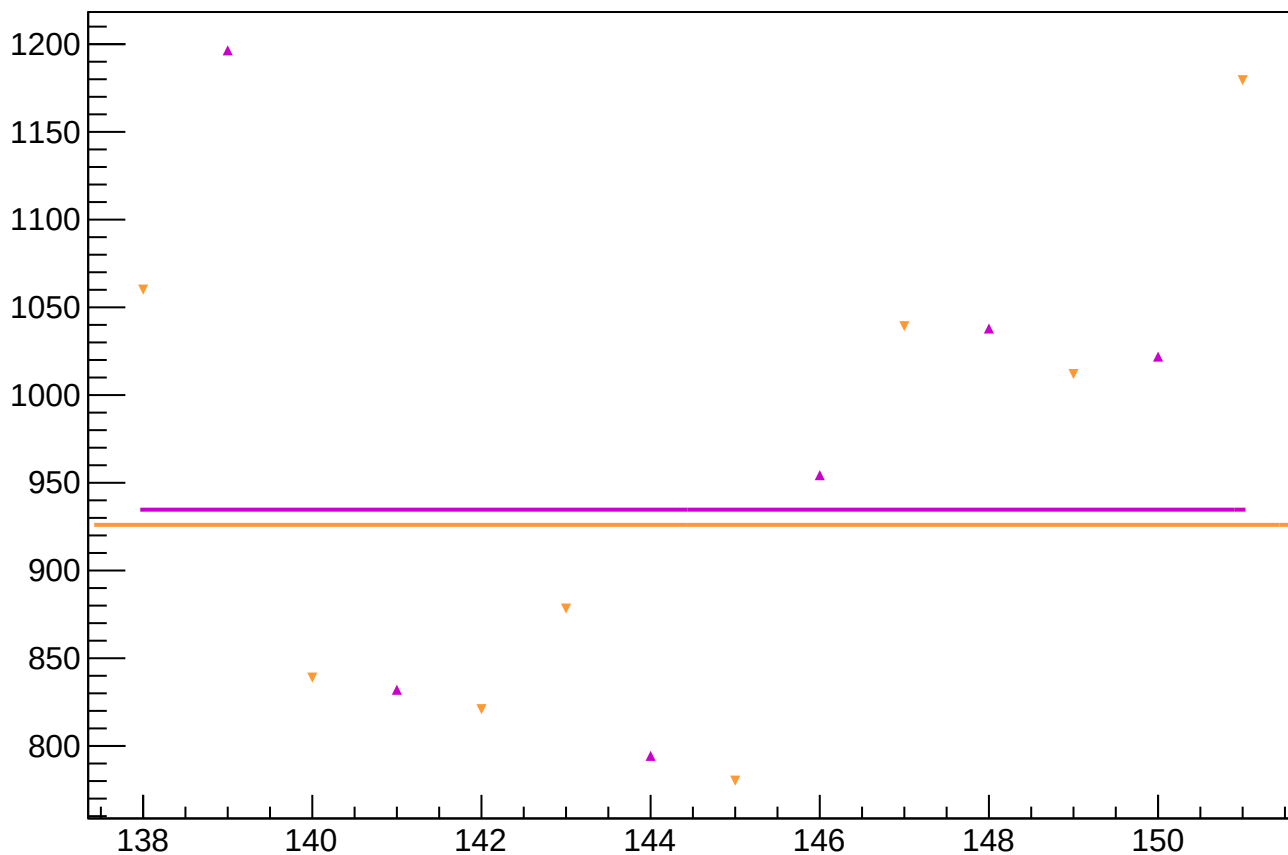
Left In: -100.298 $\pm$ 423.257 χ^2 /NDF:5.9/5

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

All: -648.641 $\pm$ 287.443 χ^2 /NDF: 26.4/13

- 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: 926.023+/-0.277 χ^2/NDF :212031.8/7

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

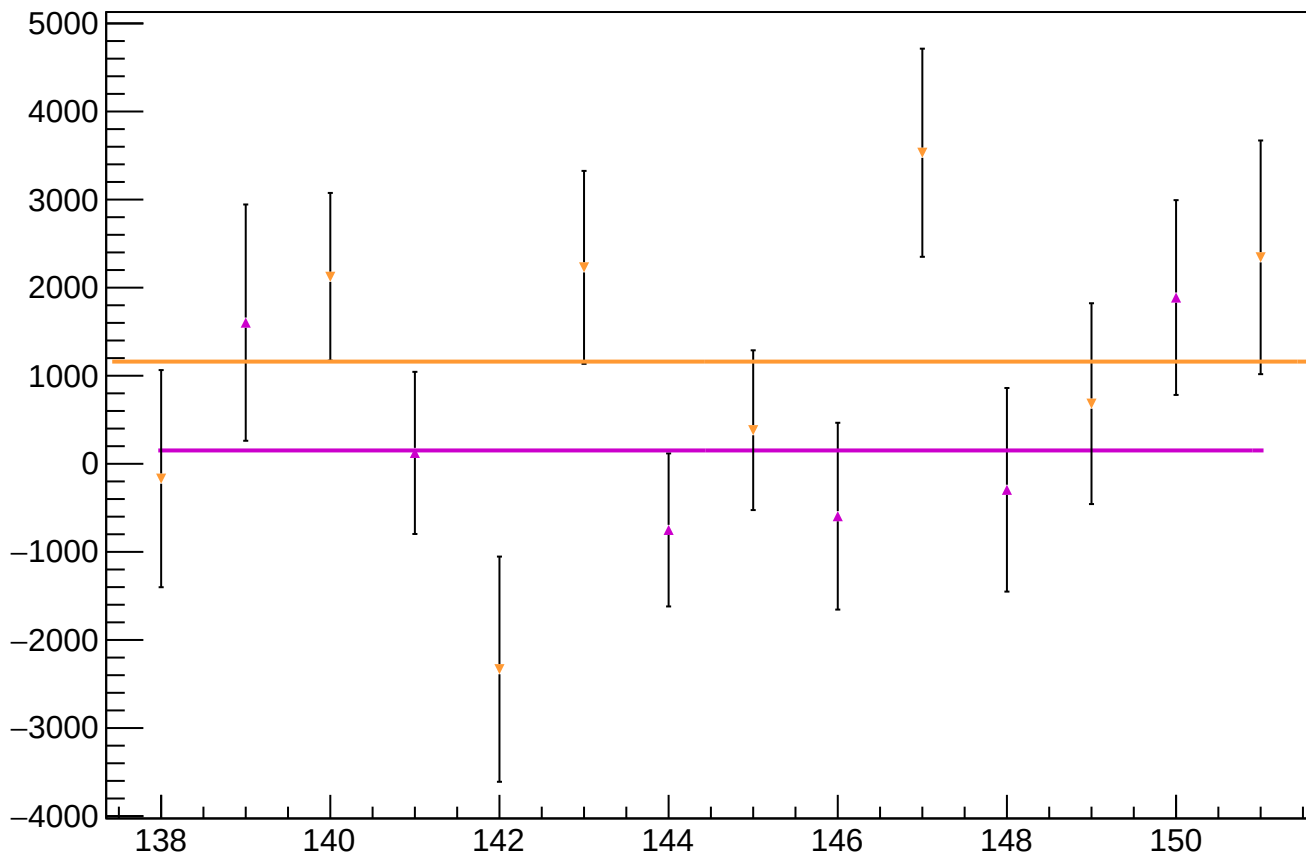
Left In: 934.684+/-0.299 χ^2/NDF :184027.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.017+/-0.203 χ^2/NDF : 396510.4/13

- 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: 1160.546+/-392.940 χ^2/NDF : 16.3/7

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

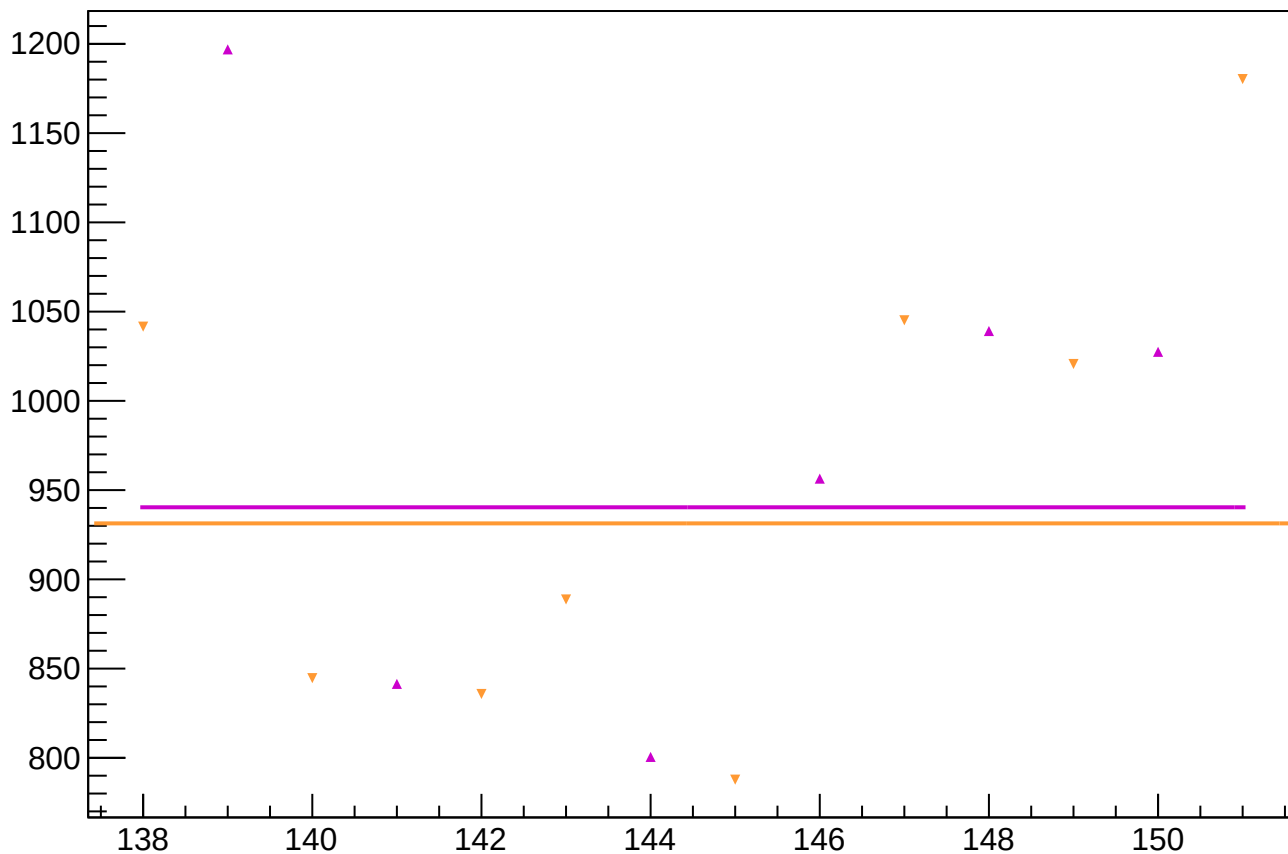
Left In: 151.681+/-425.783 χ^2/NDF : 5.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.519+/-288.764 χ^2/NDF : 24.7/13

- 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: 931.358+/-0.278 χ^2/NDF :198170.6/7

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

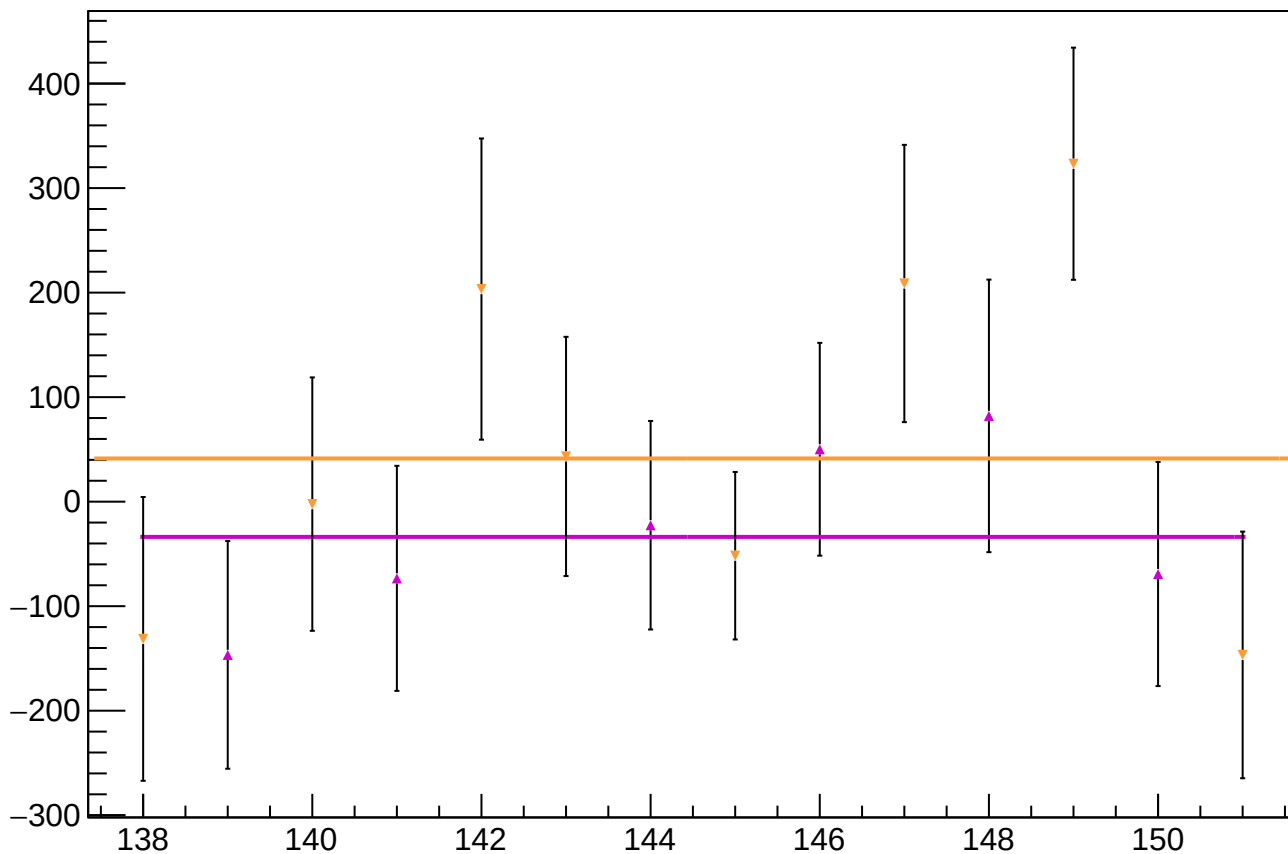
Left In: 940.377+/-0.301 χ^2/NDF :175550.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.506+/-0.204 χ^2/NDF : 374205.9/13

- 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: 41.324+/-40.411 χ^2/NDF :14.9/7

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

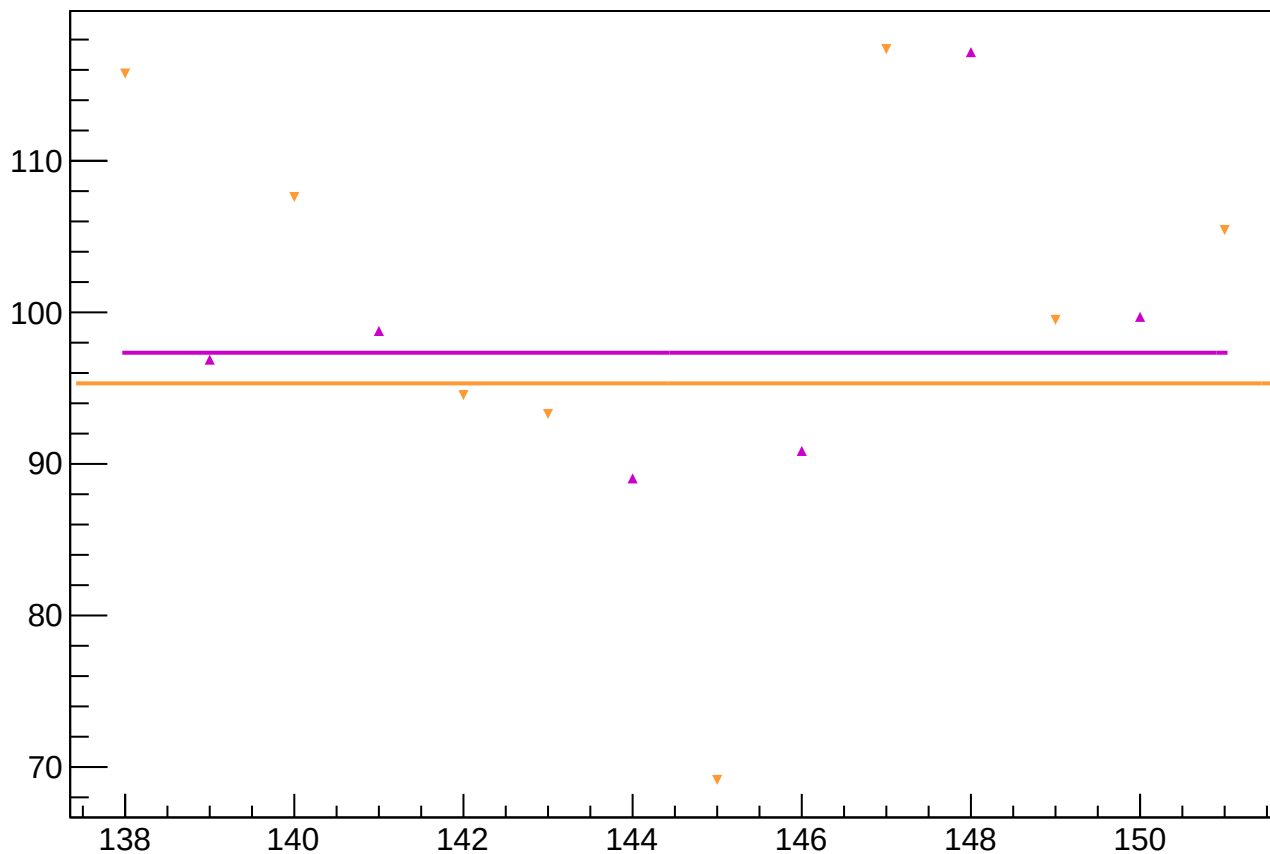
Left In: -33.704+/-44.136 χ^2/NDF :2.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.110+/-29.805 χ^2/NDF : 19.3/13

- 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: 95.314+/-0.029 χ^2/NDF : 352746.6/7

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

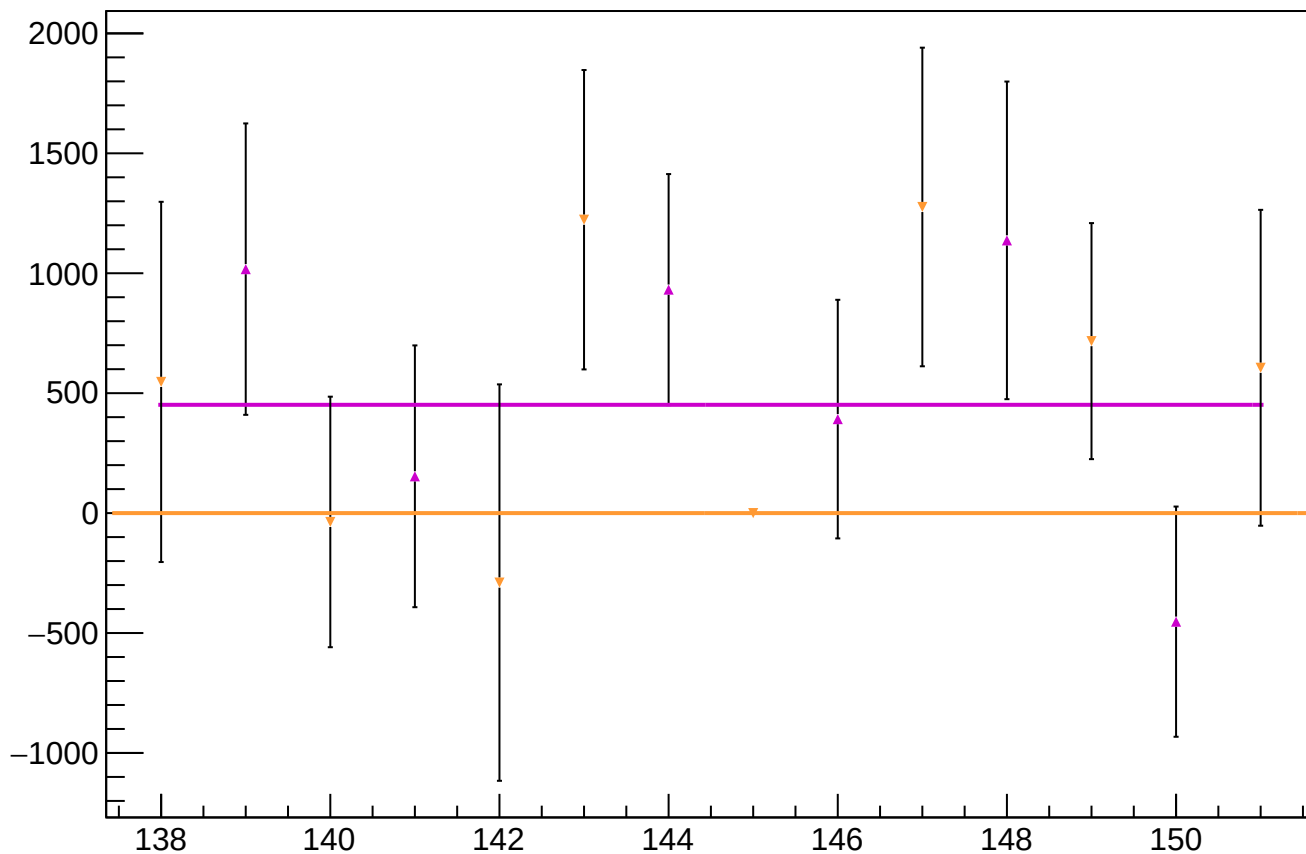
Left In: 97.337+/-0.031 χ^2/NDF : 69583.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.237+/-0.021 χ^2/NDF : 424616.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

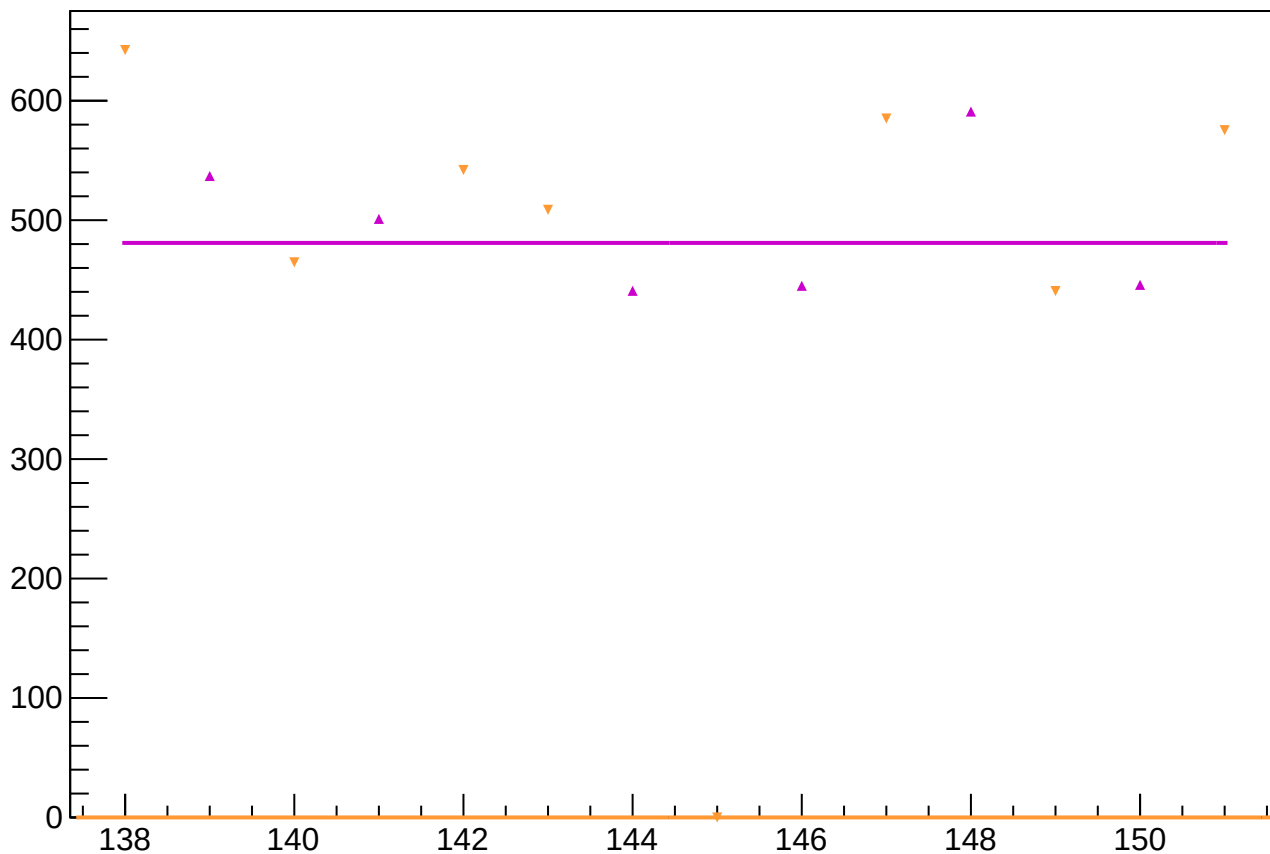
asym_sam_26_48_dd_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.000+/-0.000 χ^2/NDF : 11.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 451.477+/-217.994 χ^2/NDF : 6.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 22.2/13
 - 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 : 9919552.6/7

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

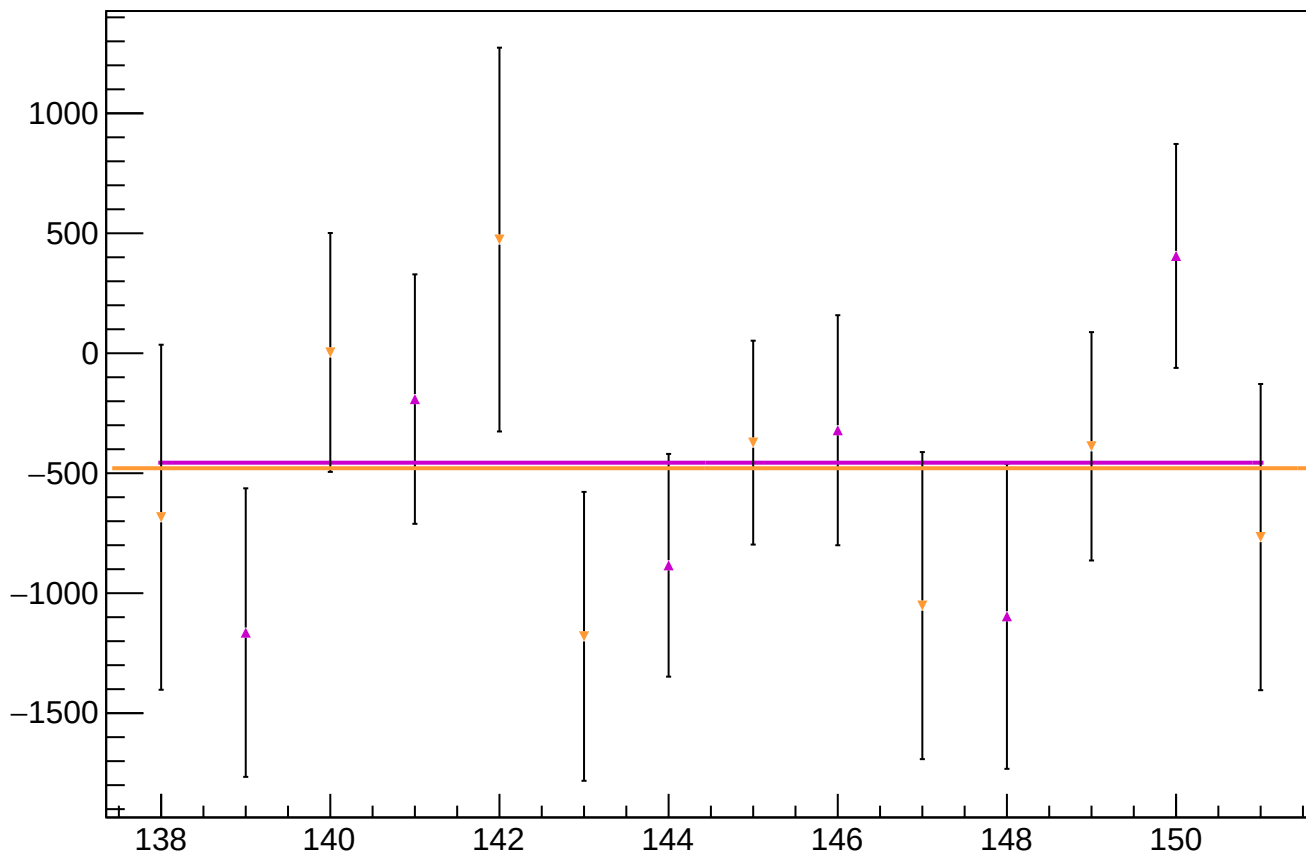
Left In: 480.972+/-0.154 χ^2/NDF : 109869.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19765427.3/13

- 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: -479.175 $\pm$ 199.419 χ^2 /NDF:4.9/7

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

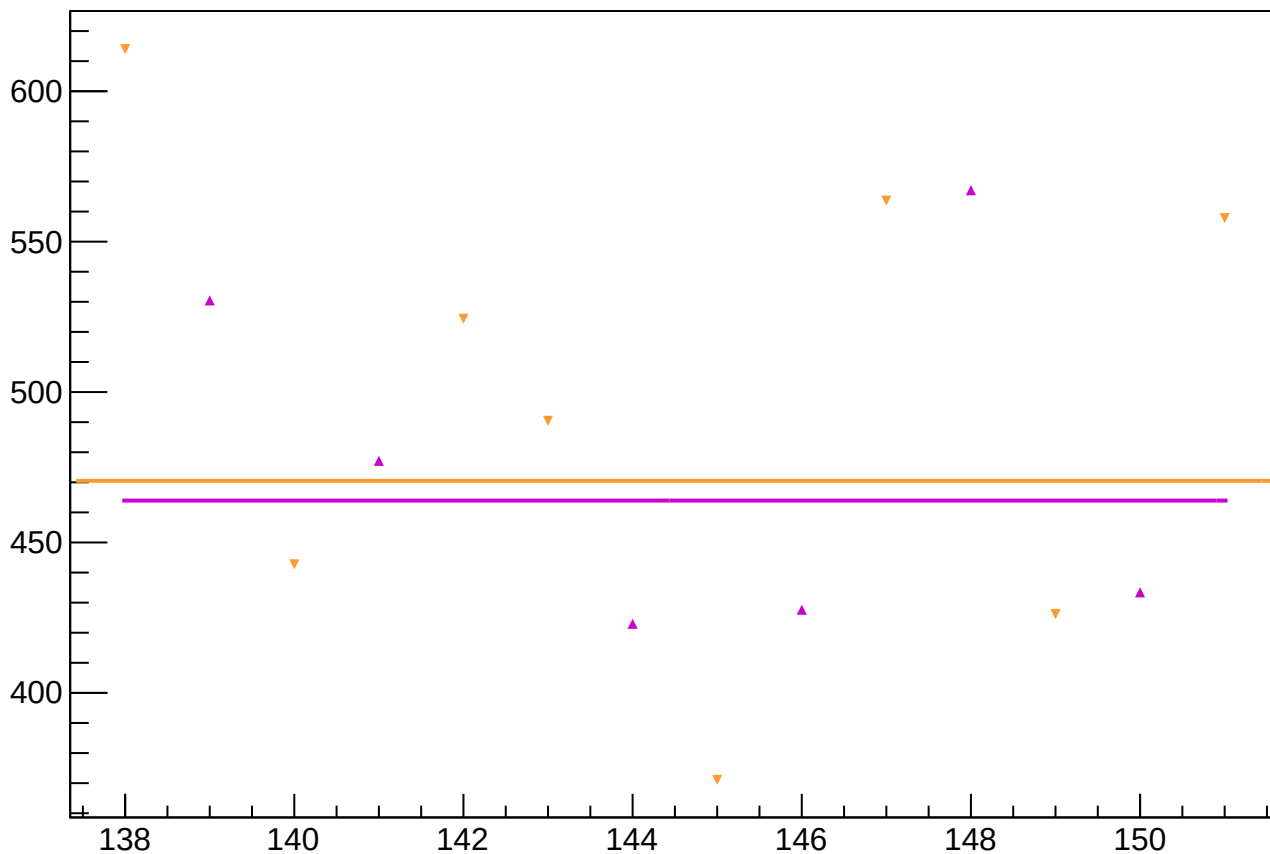
Left In: -456.105 $\pm$ 210.707 χ^2 /NDF:7.0/5

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

All: -468.274 $\pm$ 144.836 χ^2 /NDF: 11.9/13

- 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: 470.499+/-0.141 χ^2/NDF : 303804.8/7

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

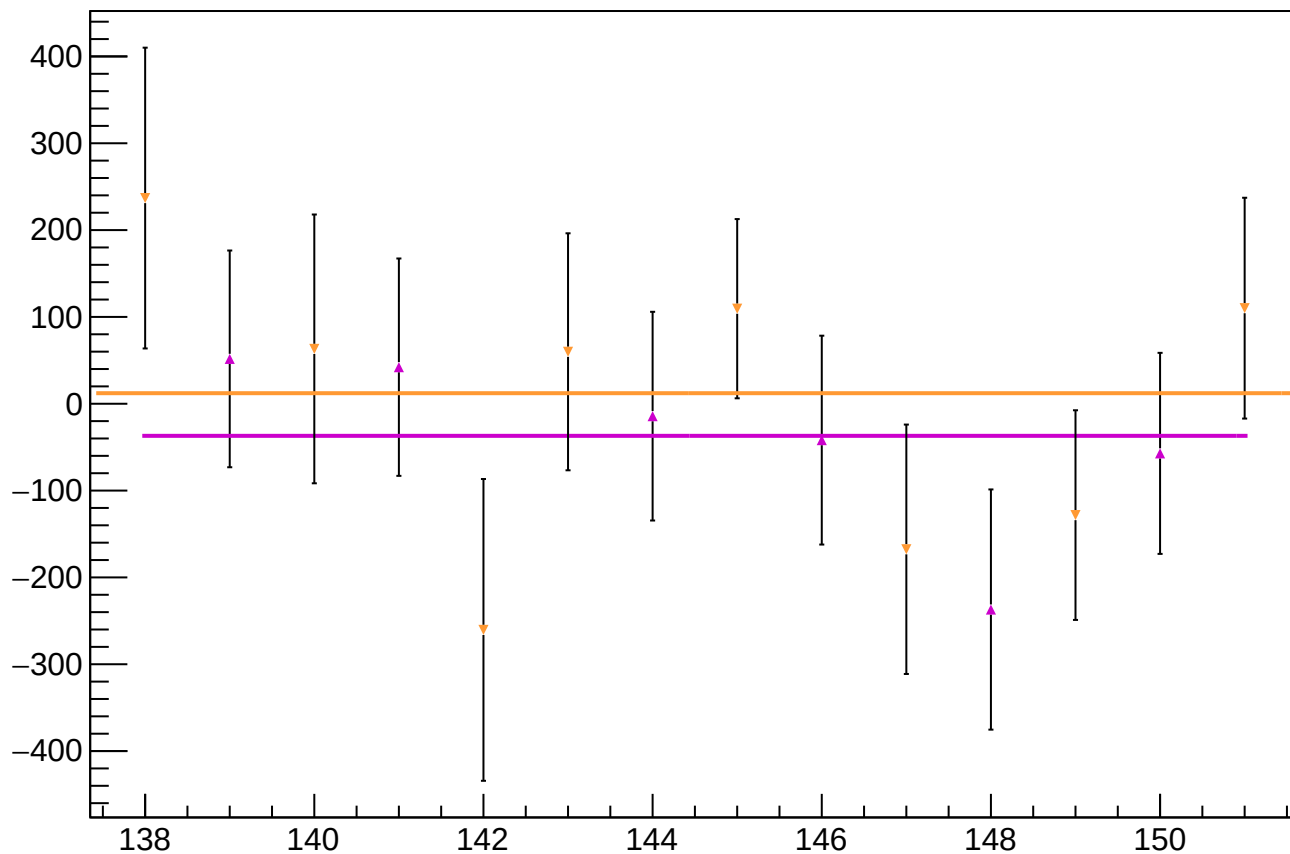
Left In: 463.937+/-0.149 χ^2/NDF : 114011.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.398+/-0.102 χ^2/NDF : 418839.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 12.156 $\pm$ 47.963 χ^2 /NDF:8.8/7

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

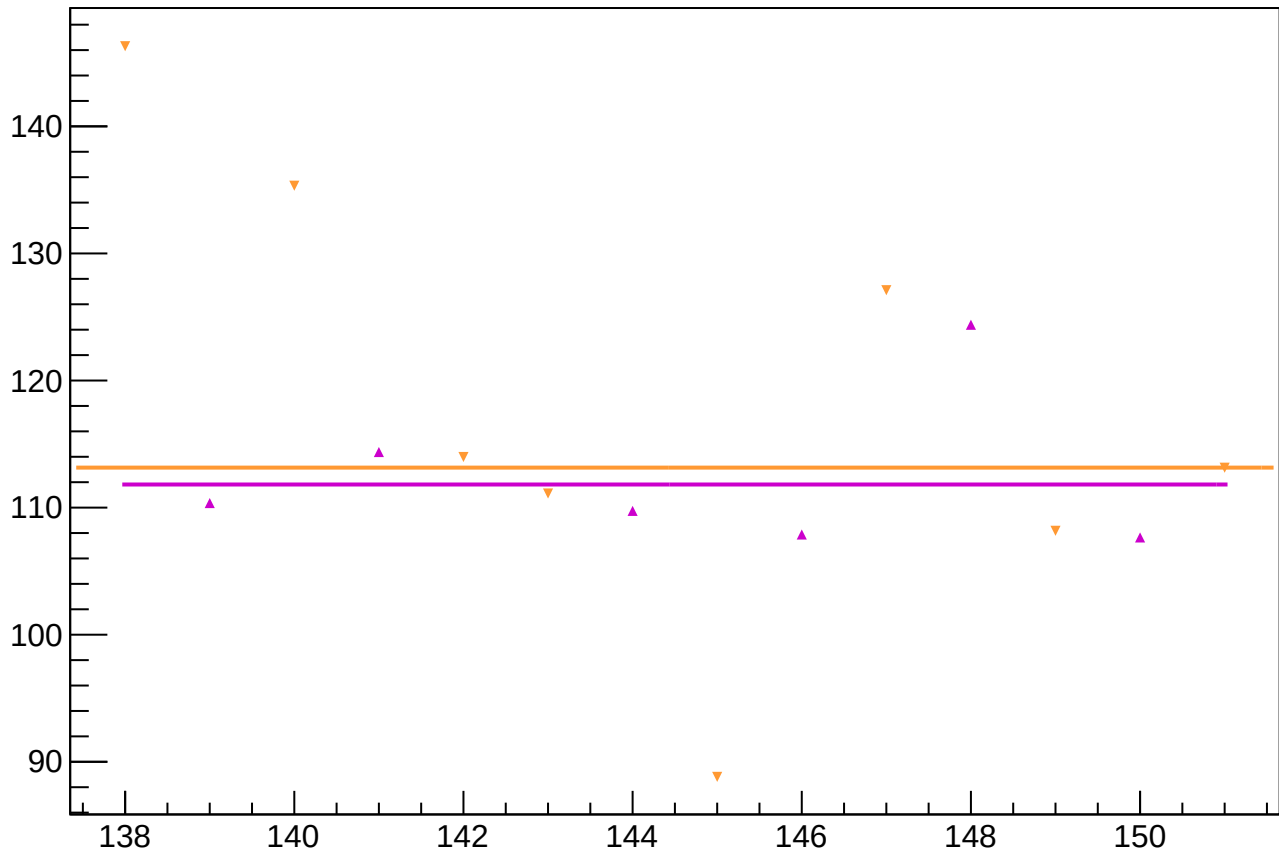
Left In: -36.947 $\pm$ 50.426 χ^2 /NDF:3.1/5

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

All: -11.167 $\pm$ 34.753 χ^2 /NDF: 12.3/13

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

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 113.148+/-0.034 χ^2/NDF : 248323.8/7

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

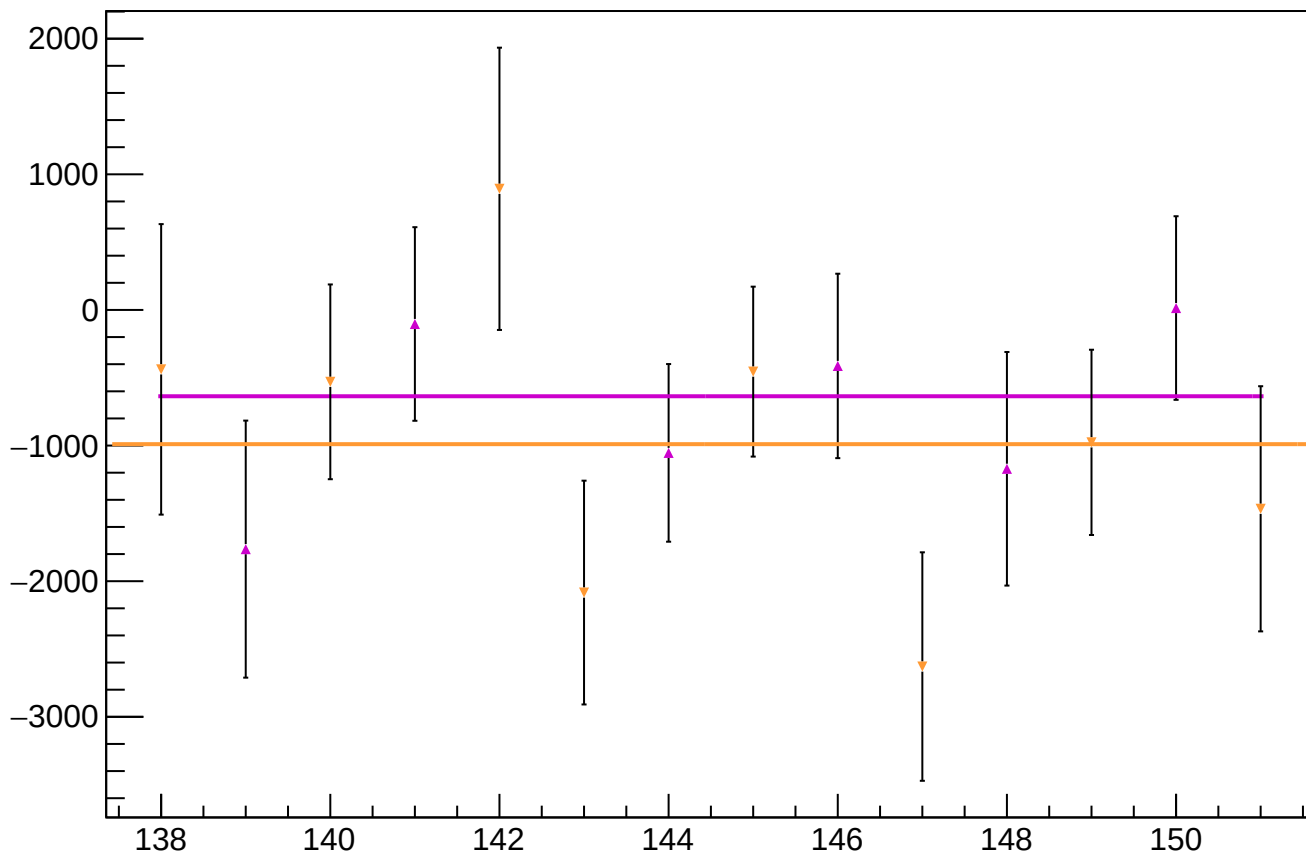
Left In: 111.819+/-0.036 χ^2/NDF : 22950.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.517+/-0.025 χ^2/NDF : 272003.5/13

- 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: -989.650+/-282.510 χ^2/NDF :10.5/7

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

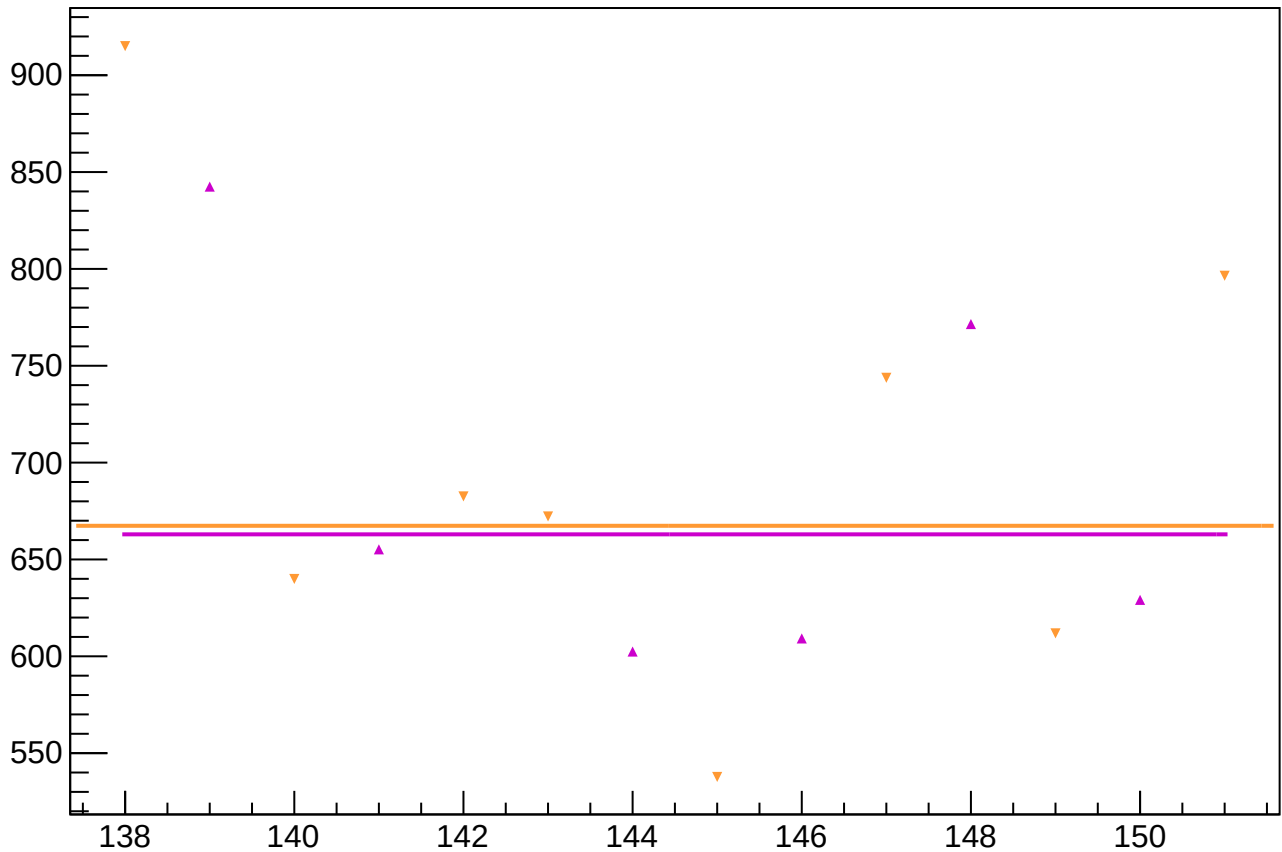
Left In: -636.388+/-300.116 χ^2/NDF :3.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -823.684+/-205.707 χ^2/NDF : 15.0/13

- 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: 667.380+/-0.200 χ^2/NDF :266481.1/7

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

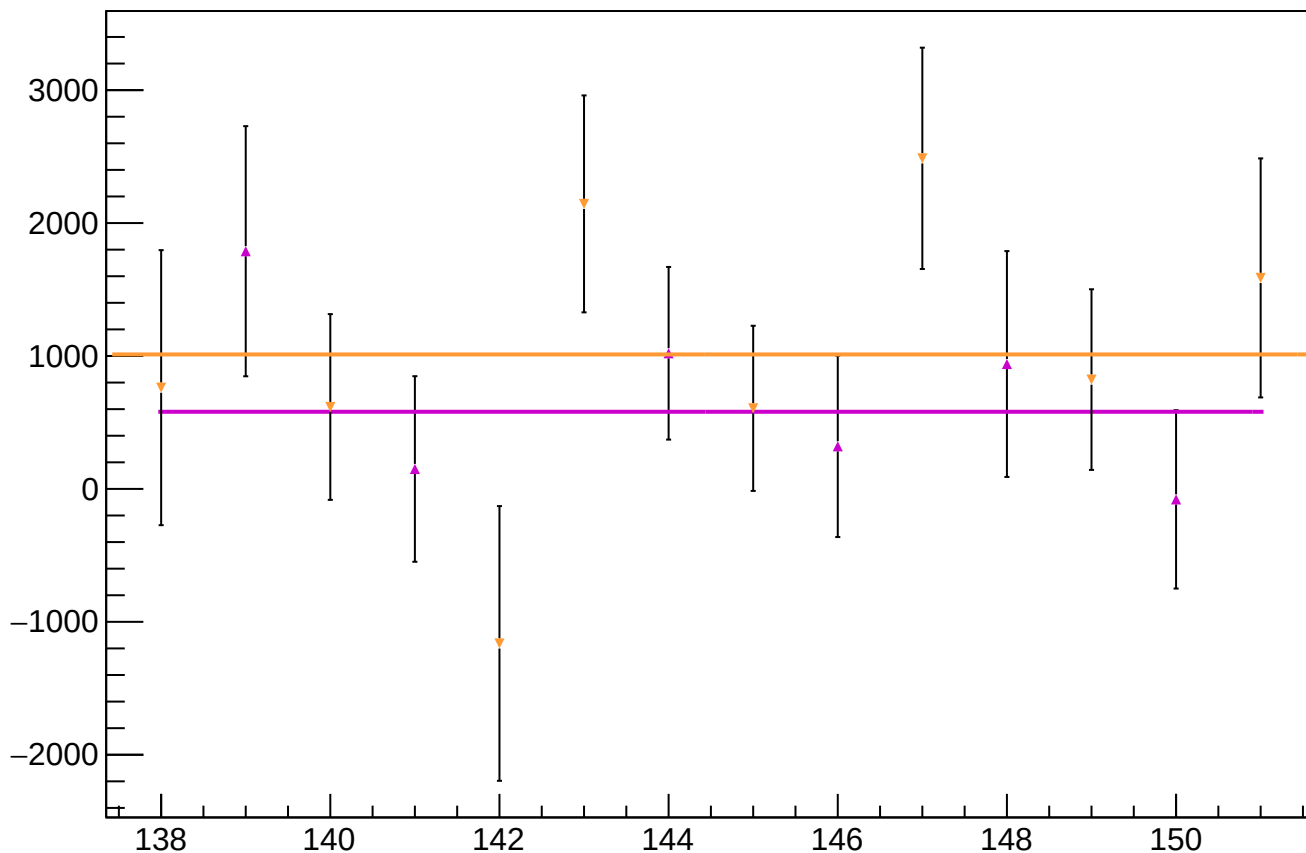
Left In: 662.963+/-0.212 χ^2/NDF :138362.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.305+/-0.145 χ^2/NDF : 405073.4/13

- 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: 1011.679+/-278.872 χ^2/NDF : 10.8/7

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

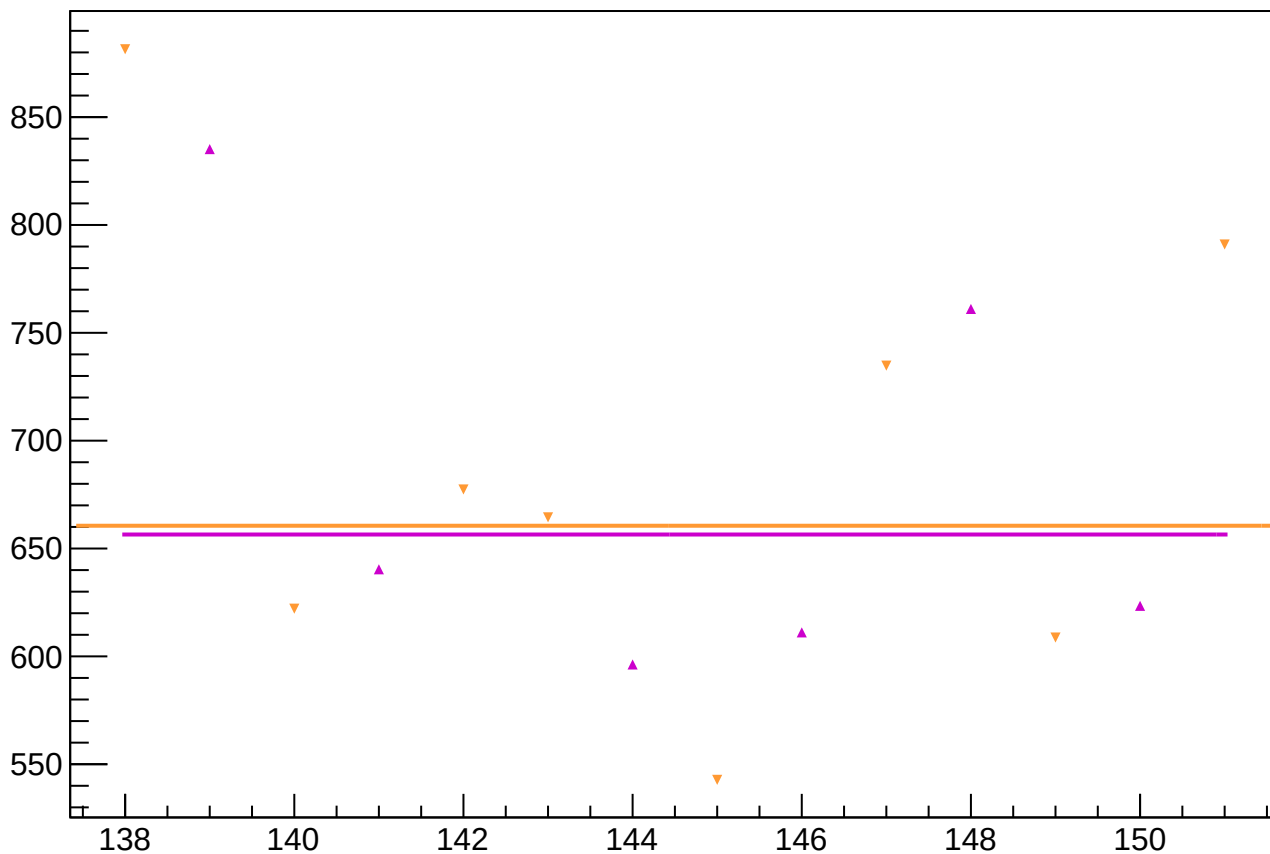
Left In: 580.301+/-297.393 χ^2/NDF : 3.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.840+/-203.425 χ^2/NDF : 15.7/13

- 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: 660.562+/-0.197 χ^2/NDF : 239366.7/7

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

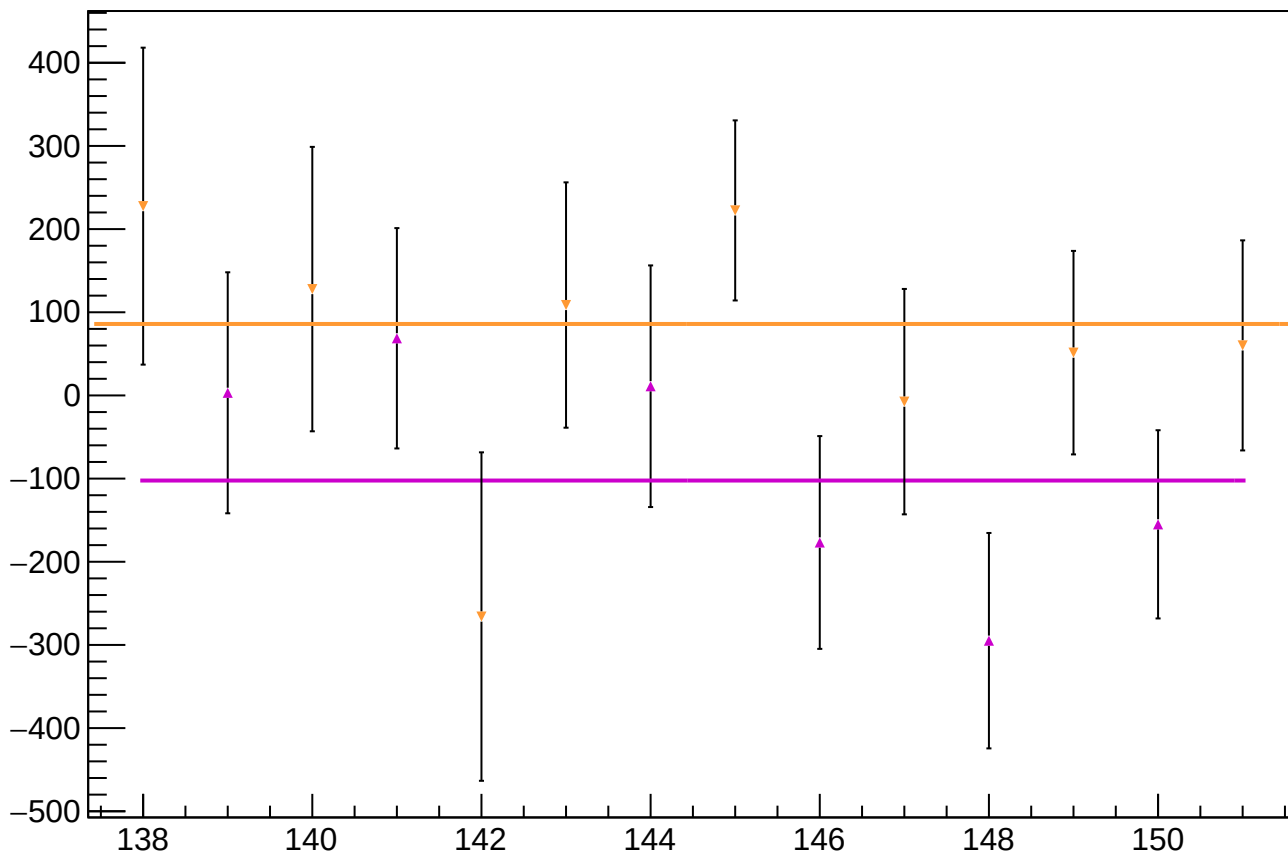
Left In: 656.494+/-0.210 χ^2/NDF : 134413.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.659+/-0.144 χ^2/NDF : 373979.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 85.931+/-49.838 χ^2/NDF : 6.0/7

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

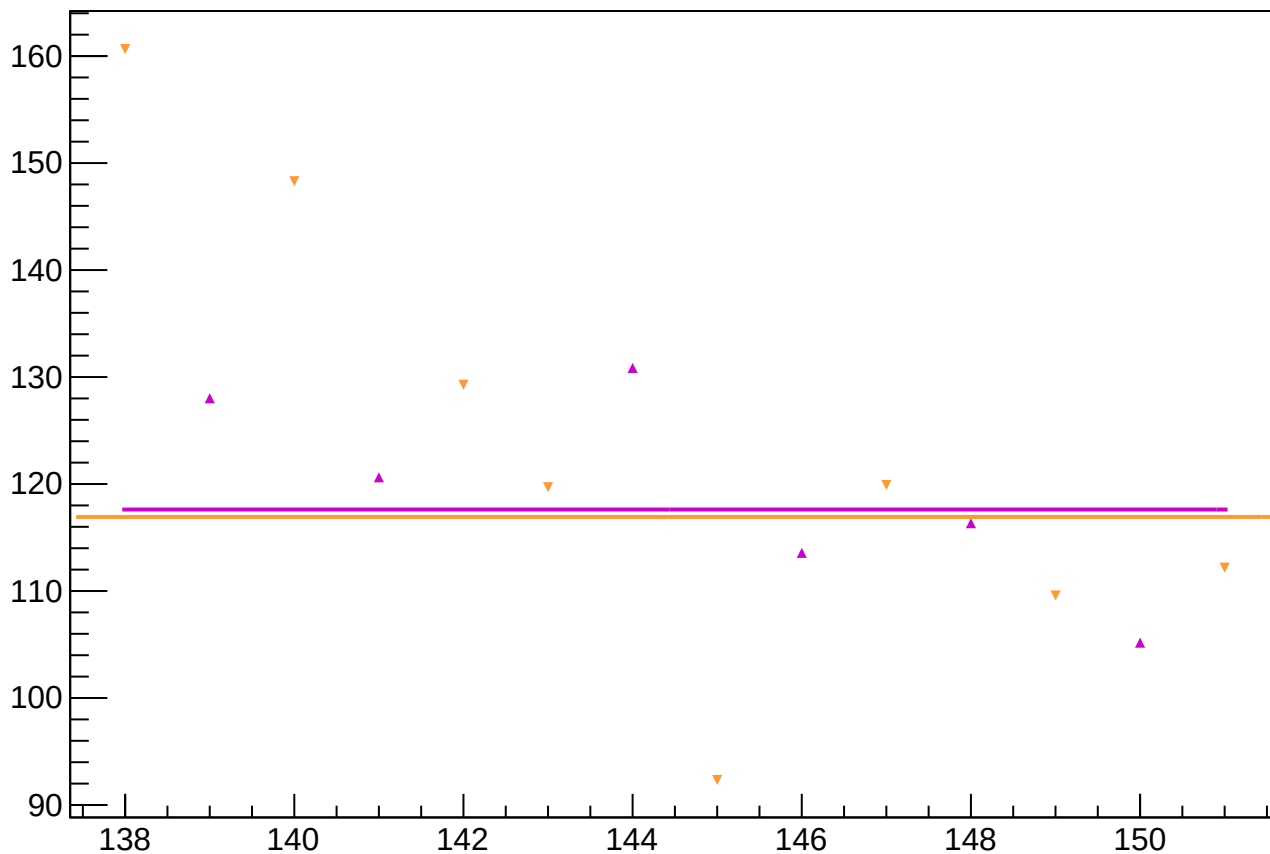
Left In: -102.325+/-53.391 χ^2/NDF : 5.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.726+/-36.432 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 116.924+/-0.035 χ^2/NDF : 295296.7/7

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

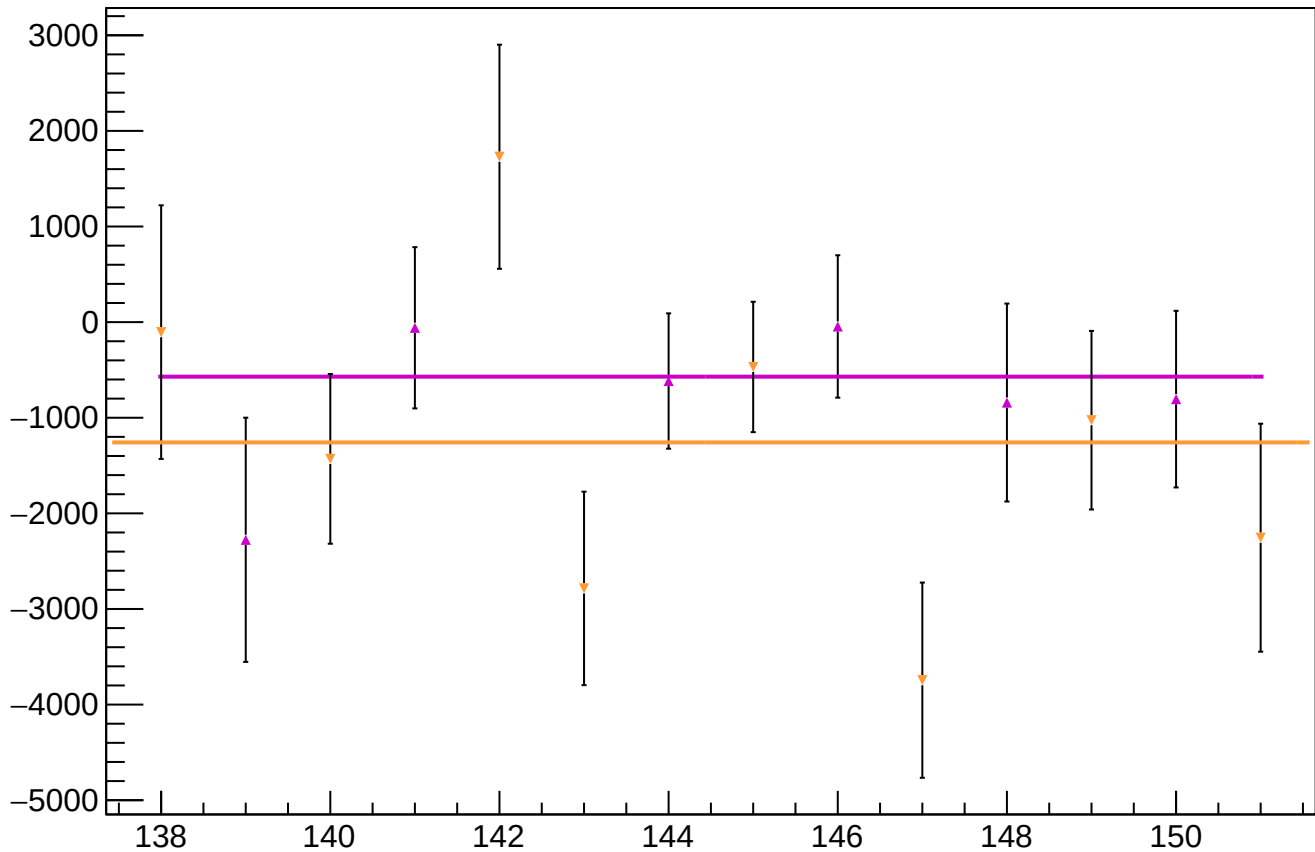
Left In: 117.615+/-0.038 χ^2/NDF : 54315.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.246+/-0.026 χ^2/NDF : 349791.7/13

- 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: -1258.179+/-342.902 χ^2/NDF :17.6/7

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

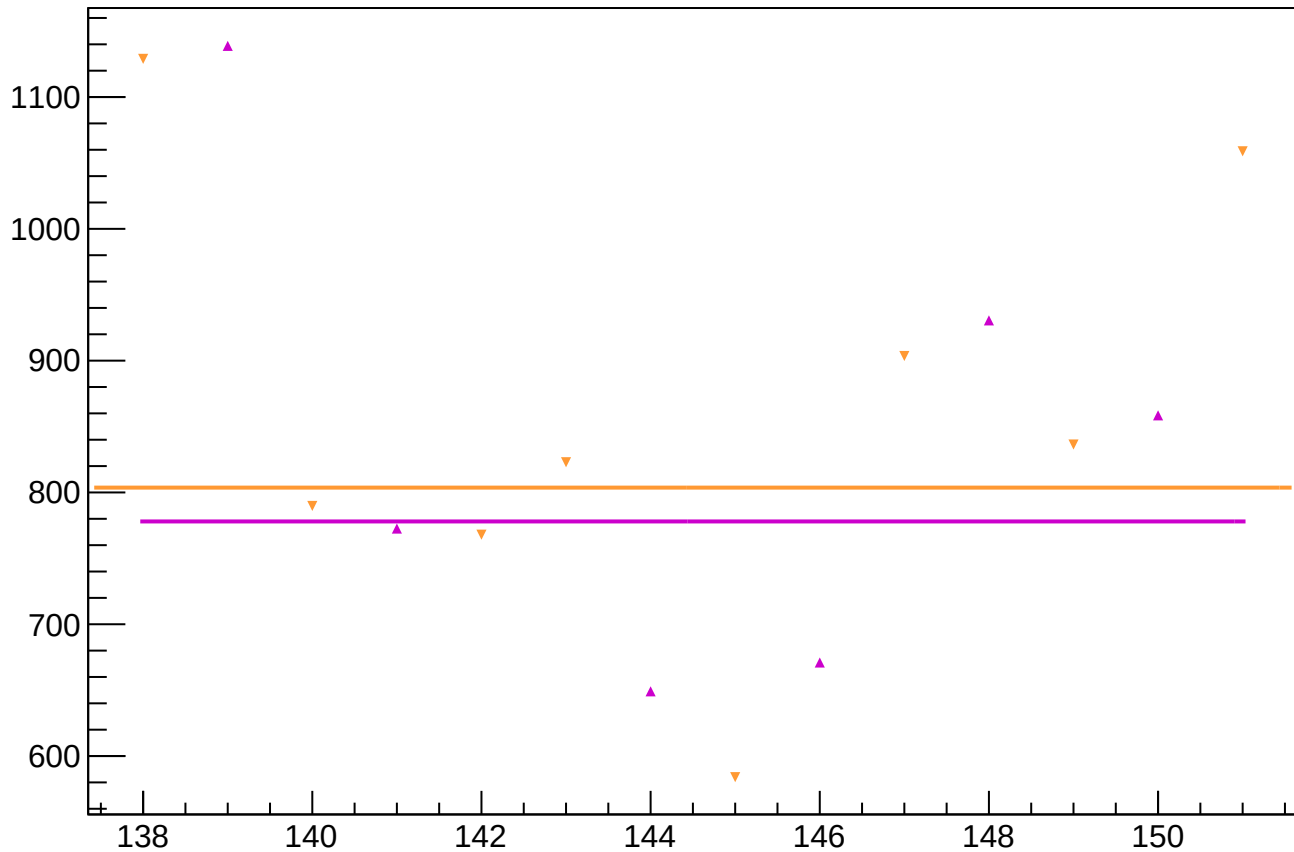
Left In: -570.327+/-355.200 χ^2/NDF :2.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -926.367+/-246.702 χ^2/NDF : 22.3/13

- 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: 803.670+/-0.242 χ^2/NDF : 444358.2/7

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

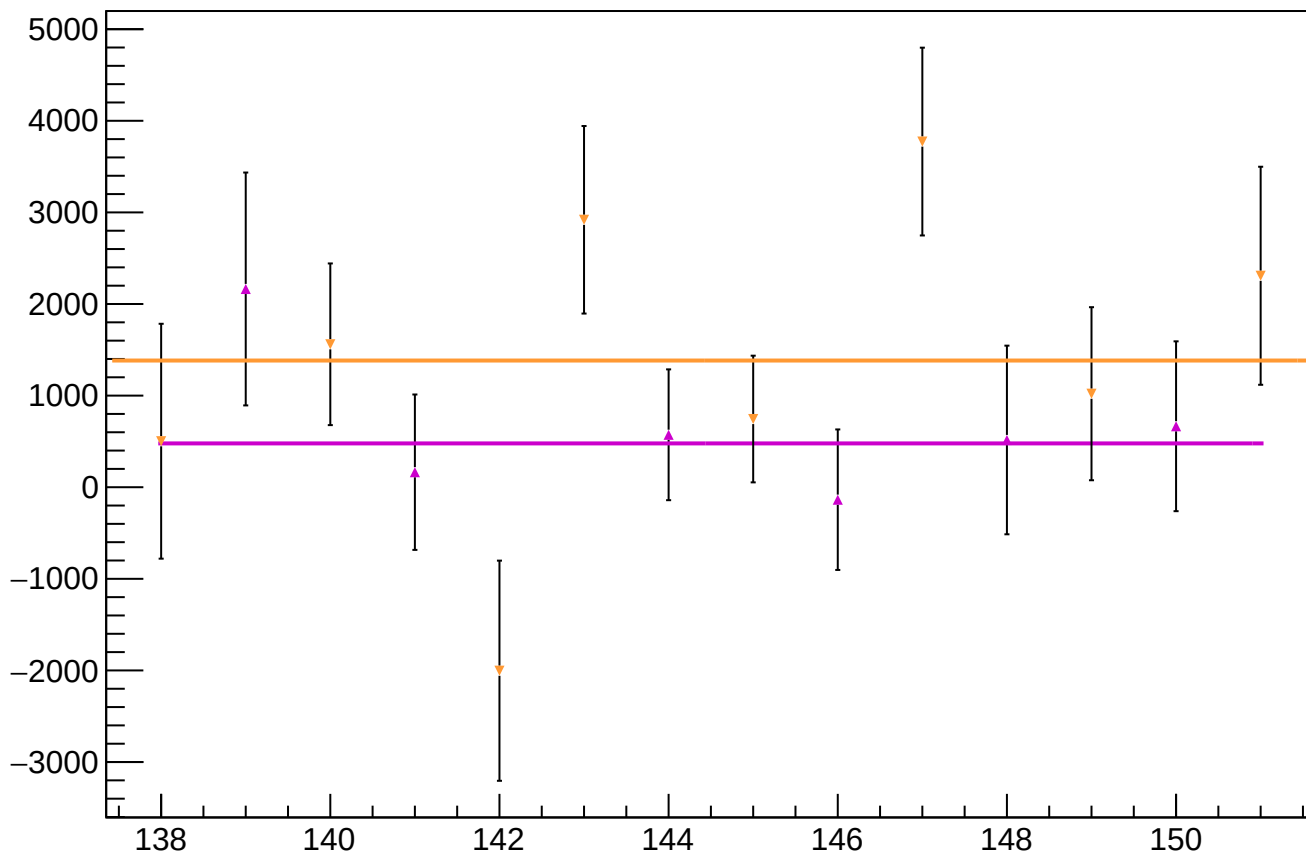
Left In: 778.000+/-0.251 χ^2/NDF : 326050.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 791.287+/-0.174 χ^2/NDF : 775815.6/13

- 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: 1382.968+/-344.839 χ^2/NDF : 17.7/7

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

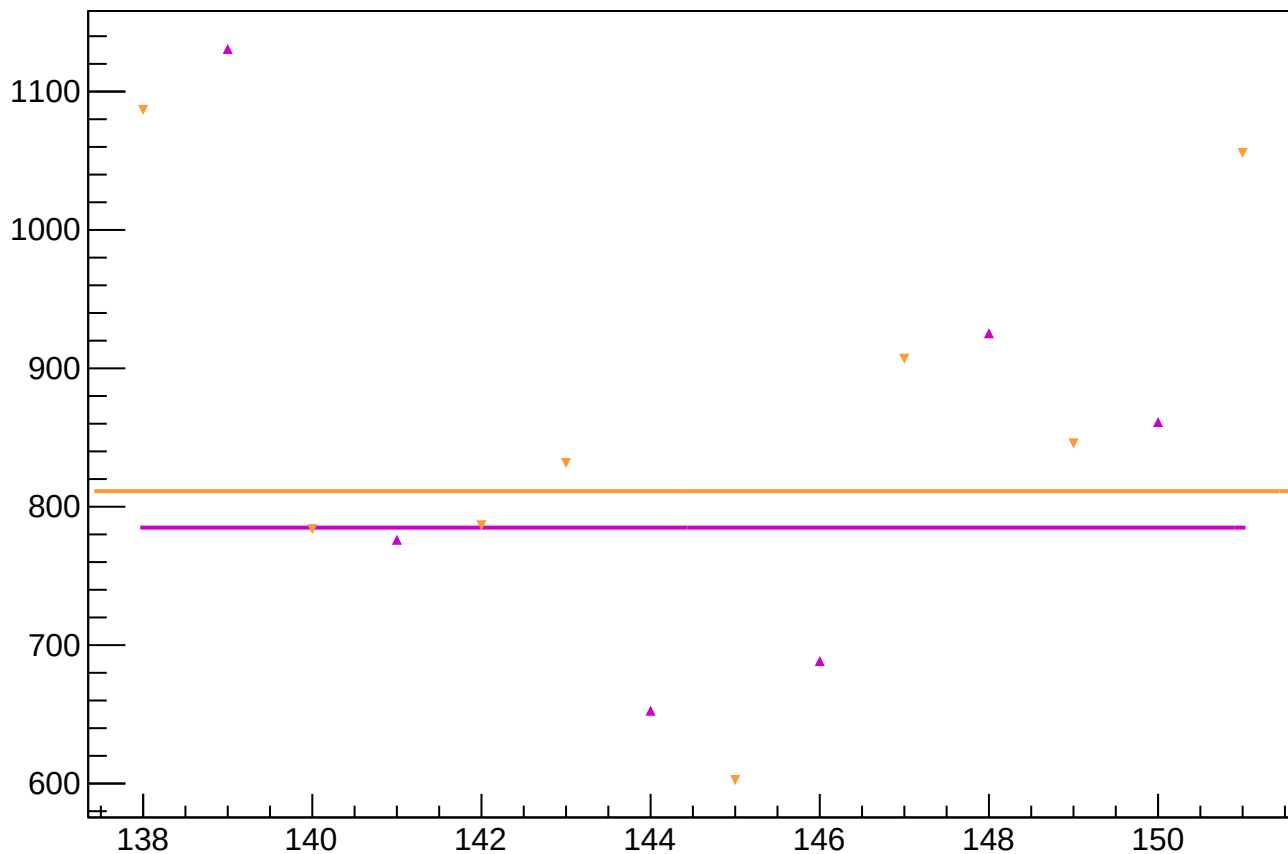
Left In: 478.279+/-358.576 χ^2/NDF : 2.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.284+/-248.552 χ^2/NDF : 23.7/13

- 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: 811.280+/-0.244 χ^2/NDF :382661.2/7

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

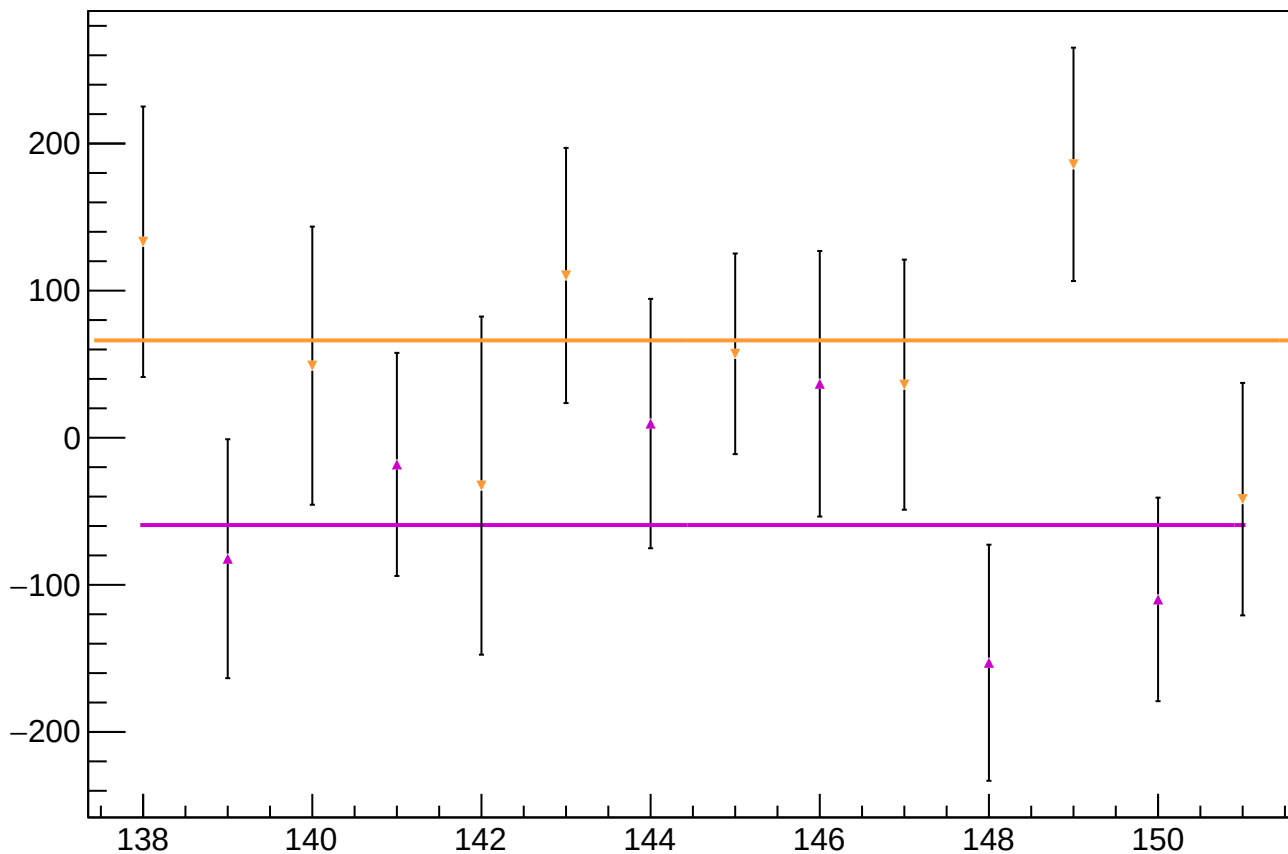
Left In: 784.926+/-0.254 χ^2/NDF :299285.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.617+/-0.176 χ^2/NDF : 687559.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 66.191 $\pm$ 29.997 χ^2 /NDF:5.8/7

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

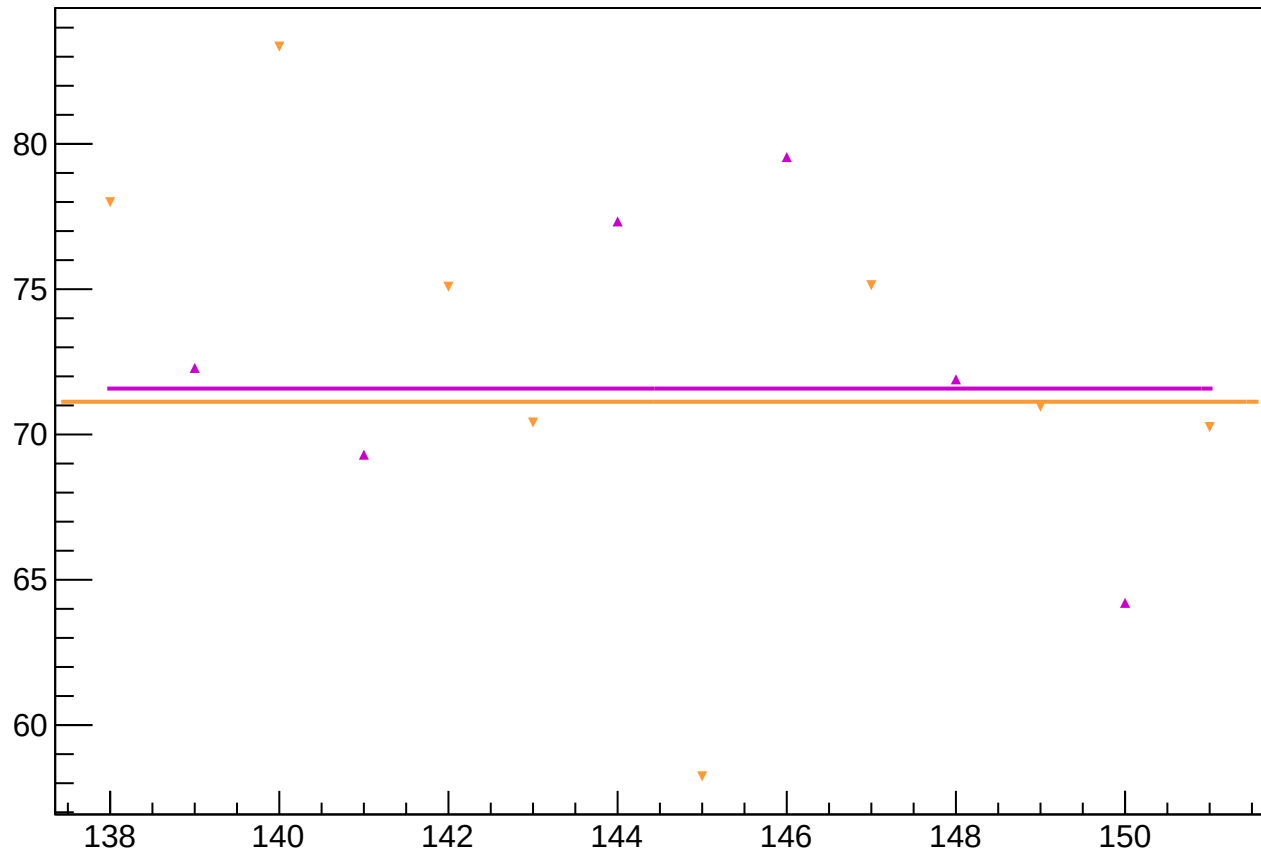
Left In: -59.352 $\pm$ 32.416 χ^2 /NDF:4.1/5

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

All: 8.277 $\pm$ 22.017 χ^2 /NDF: 18.0/13

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

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 71.127+/-0.021 χ^2/NDF :123259.2/7

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

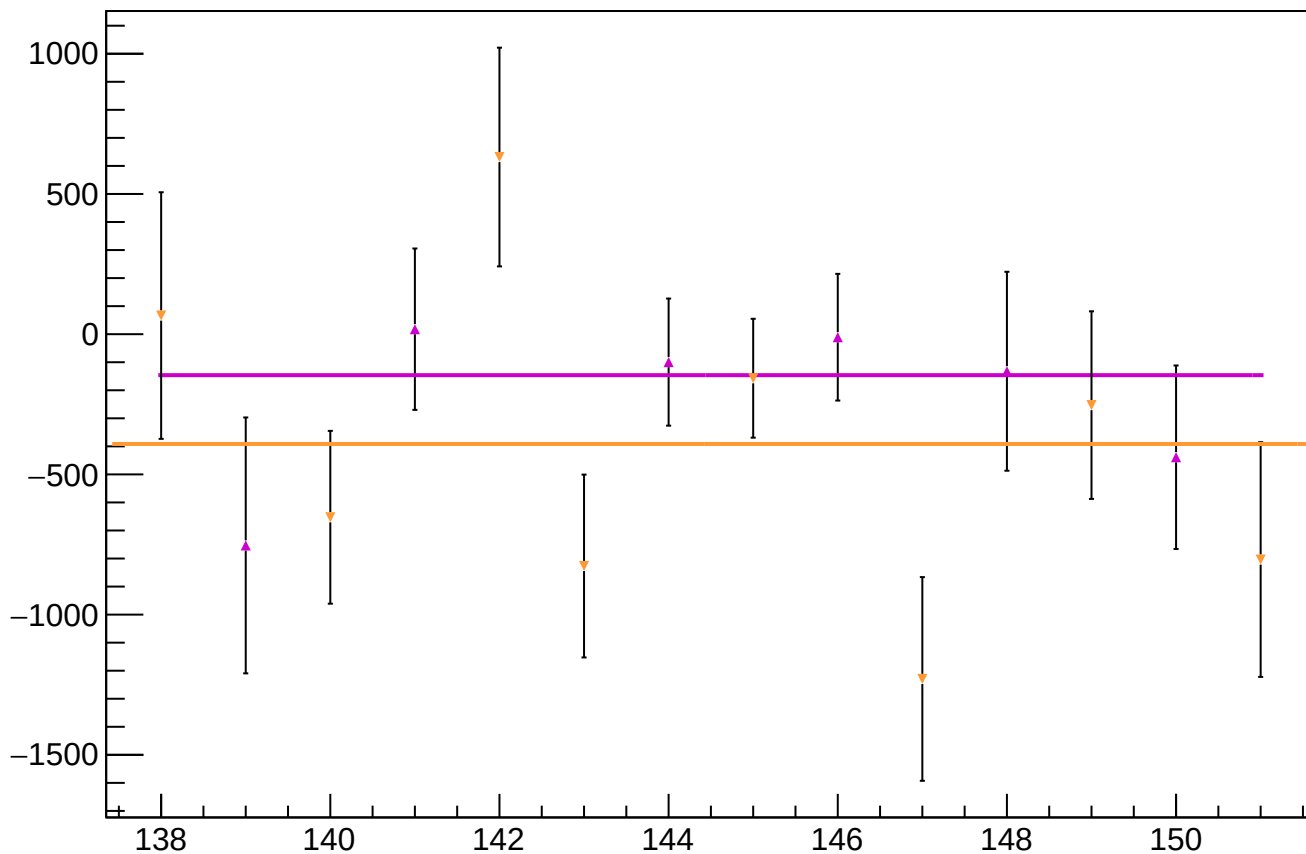
Left In: 71.580+/-0.023 χ^2/NDF :49495.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.336+/-0.016 χ^2/NDF : 172965.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -391.541 $\pm$ 114.573 χ^2 /NDF:18.2/7

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

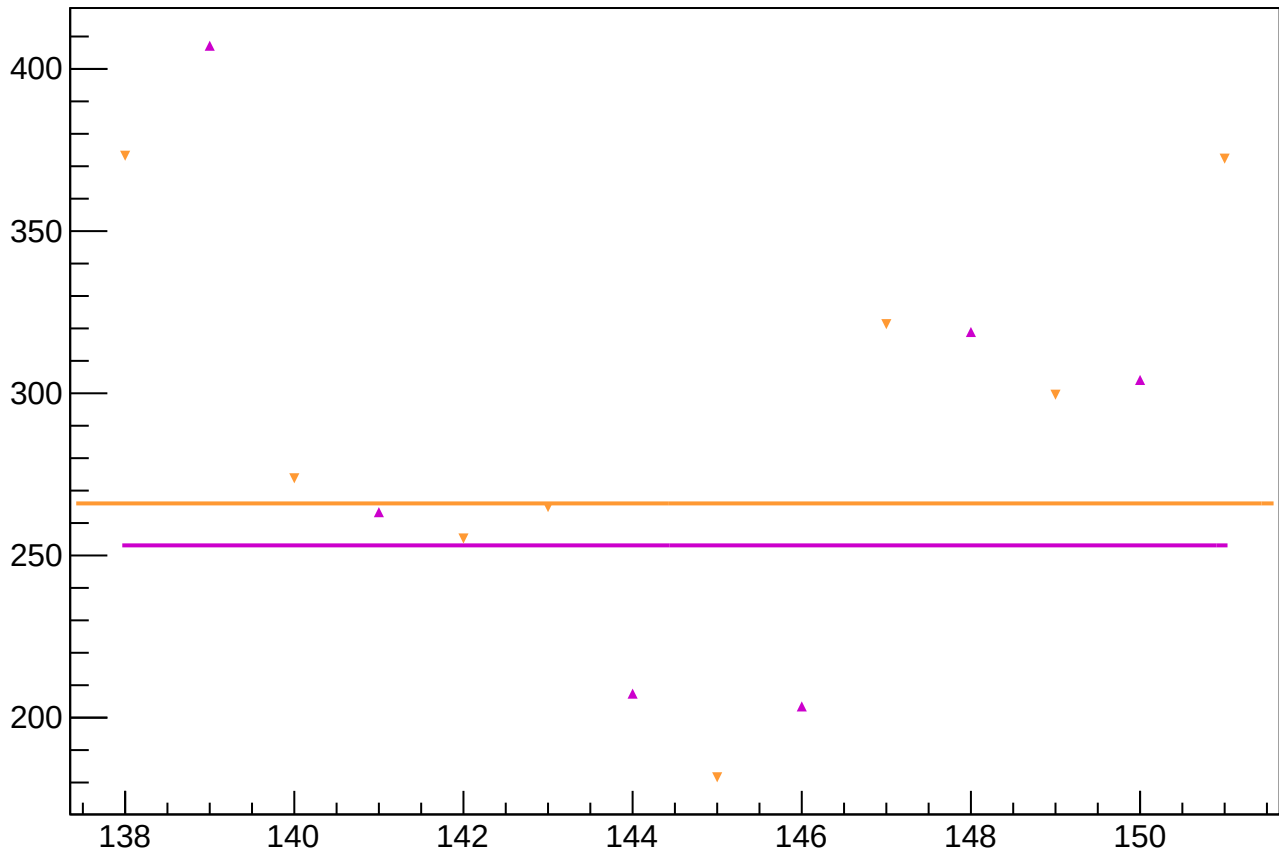
Left In: -146.122 $\pm$ 116.850 χ^2 /NDF:3.3/5

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

All: -271.246 $\pm$ 81.809 χ^2 /NDF: 23.7/13

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

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 266.050+/-0.081 χ^2/NDF : 634521.9/7

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

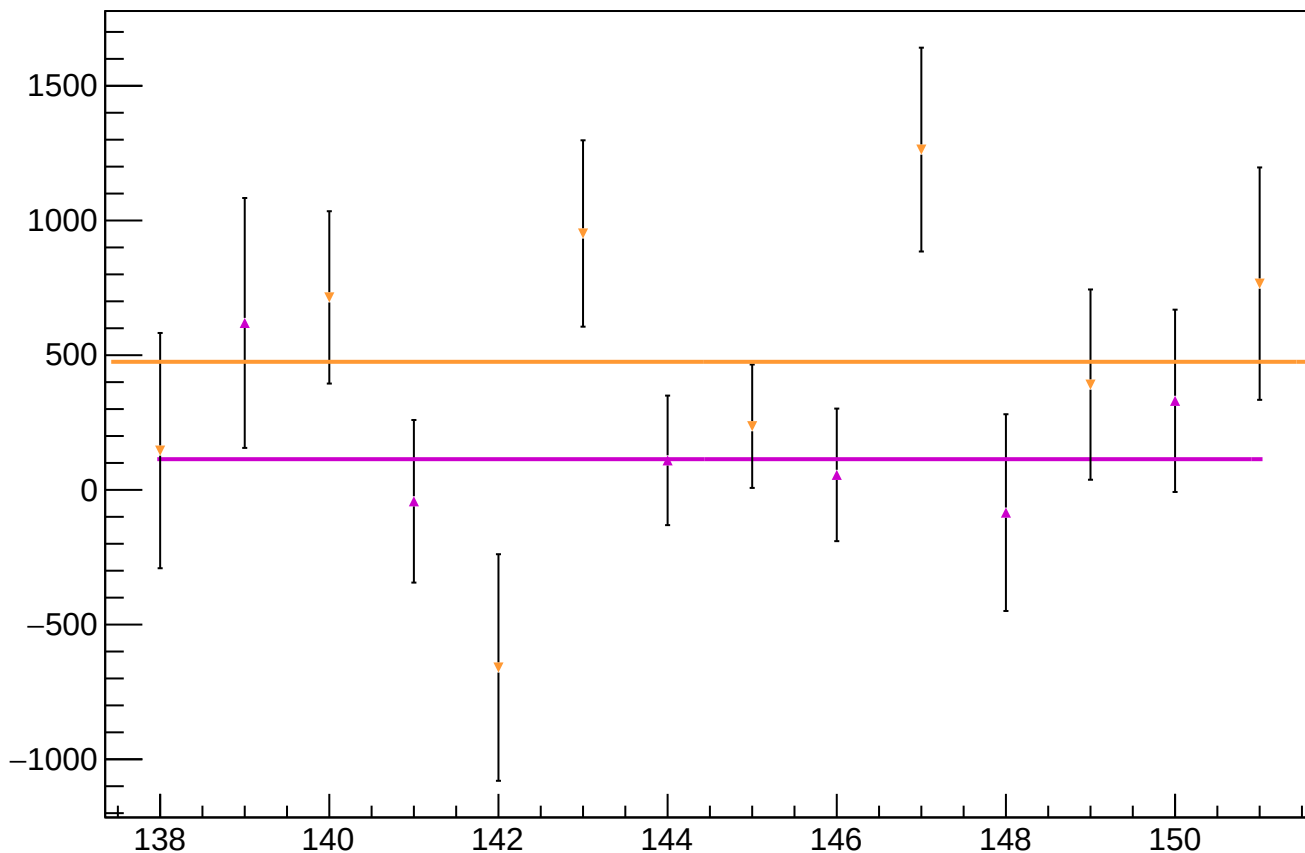
Left In: 253.114+/-0.083 χ^2/NDF : 525915.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.709+/-0.058 χ^2/NDF : 1172934.7/13

- 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: 475.484+/-120.858 χ^2/NDF : 16.2/7

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

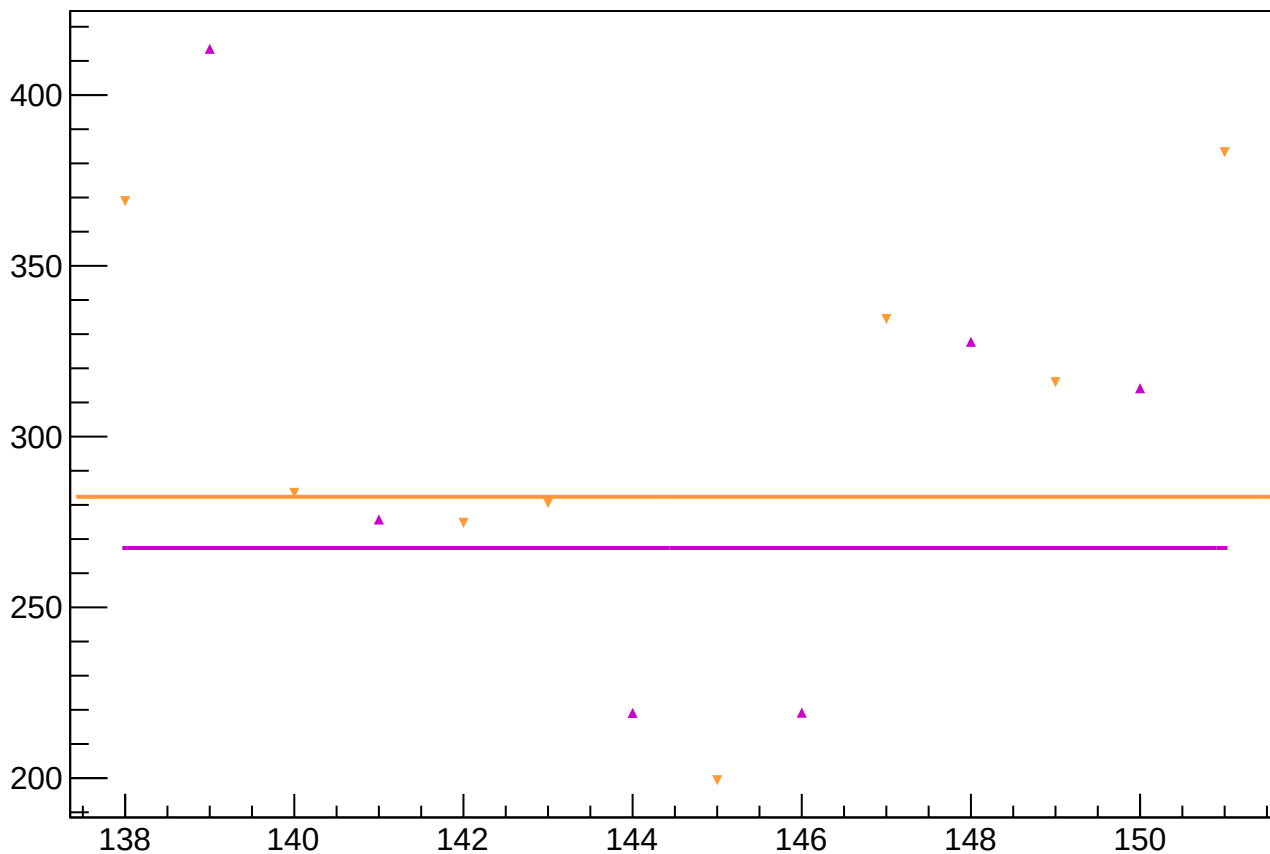
Left In: 114.009+/-123.393 χ^2/NDF : 2.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.497+/-86.342 χ^2/NDF : 22.8/13

- 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: 282.373+/-0.085 χ^2/NDF : 507038.7/7

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

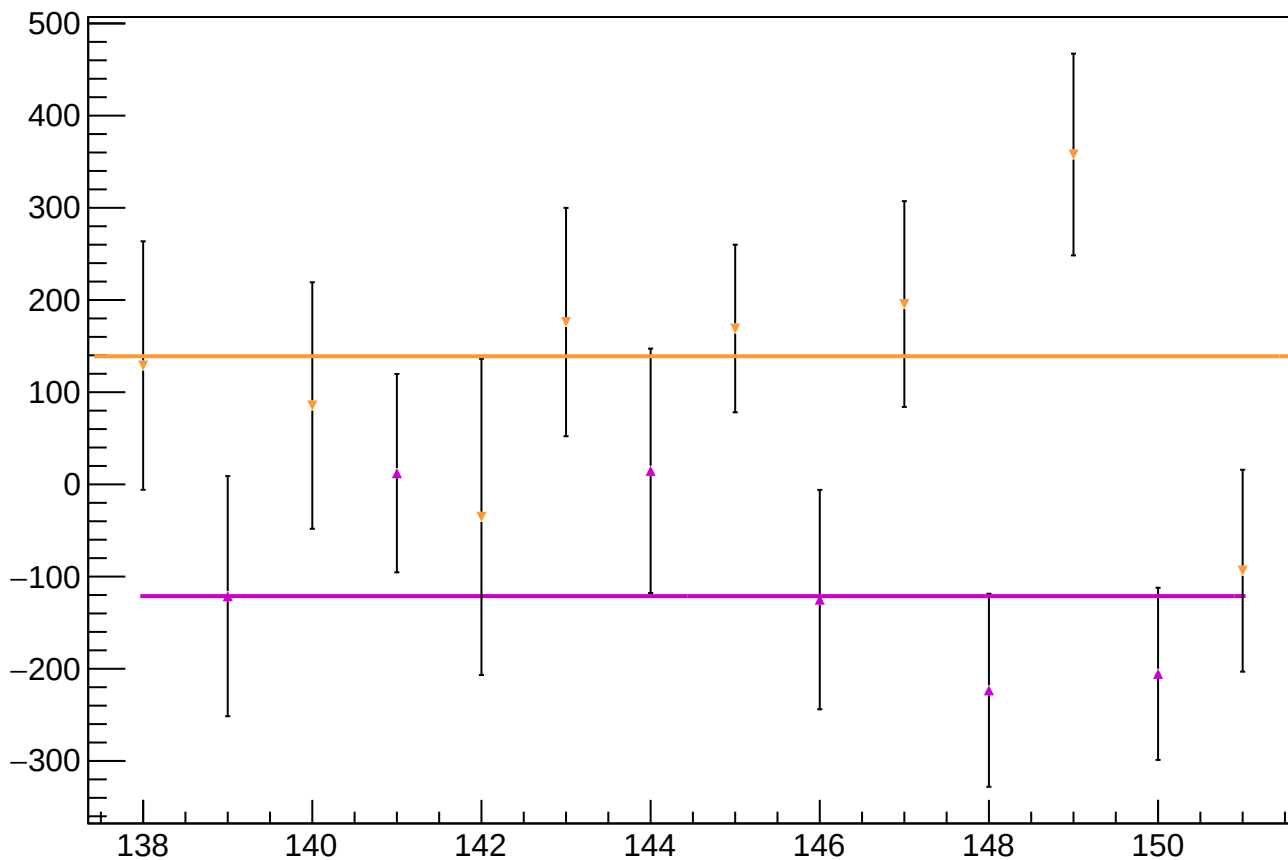
Left In: 267.394+/-0.087 χ^2/NDF : 450478.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.039+/-0.061 χ^2/NDF : 972560.7/13

- 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: 139.033+/-41.578 χ^2/NDF :10.2/7

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

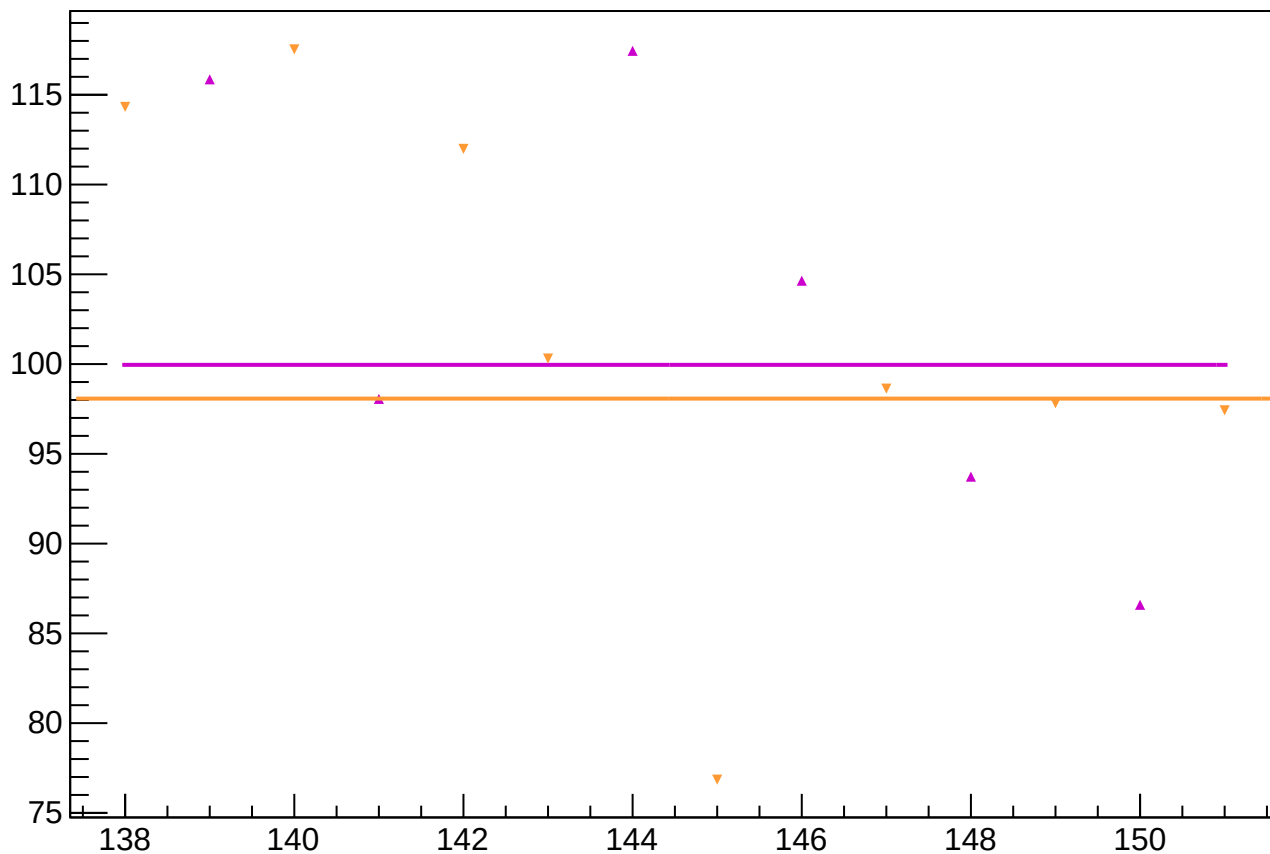
Left In: -121.179+/-45.701 χ^2/NDF :4.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.193+/-30.755 χ^2/NDF : 32.3/13

- 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: 98.077+/-0.029 χ^2/NDF :194395.5/7

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

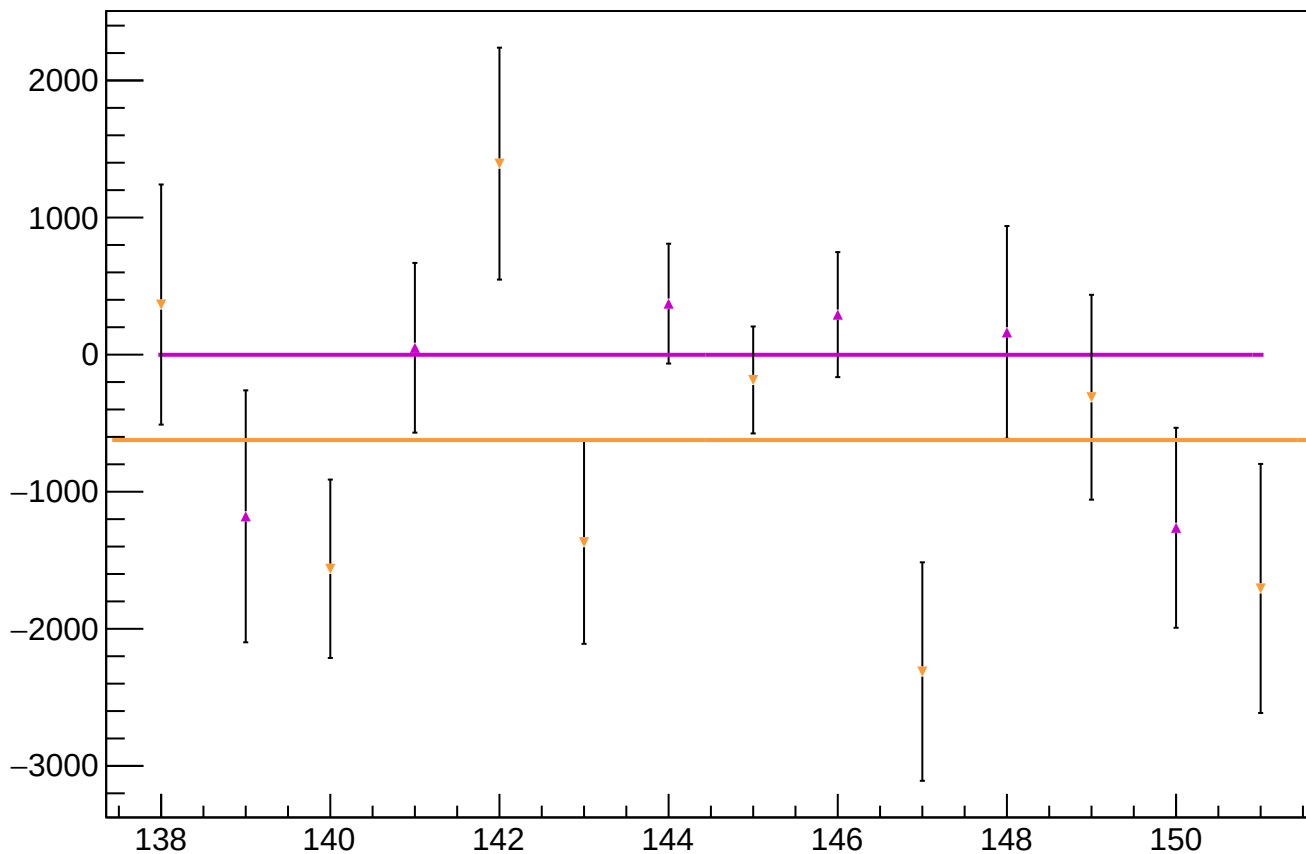
Left In: 99.957+/-0.032 χ^2/NDF :116404.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.928+/-0.022 χ^2/NDF : 312650.7/13

- 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: -622.981+/-235.503 χ^2/NDF :17.4/7

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

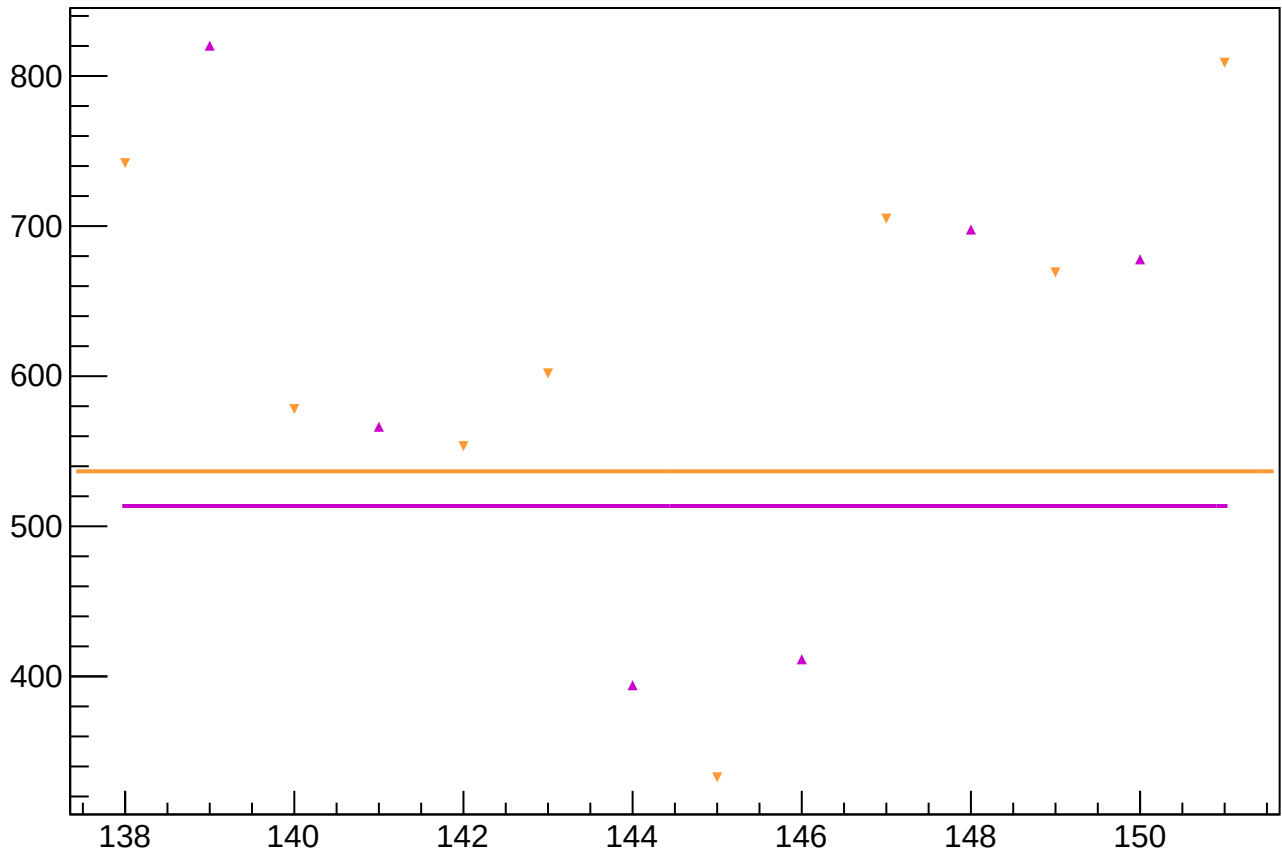
Left In: -1.056+/-239.892 χ^2/NDF :5.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.759+/-168.056 χ^2/NDF : 26.6/13

- 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: 536.631+/-0.167 χ^2/NDF :1012284.3/7

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

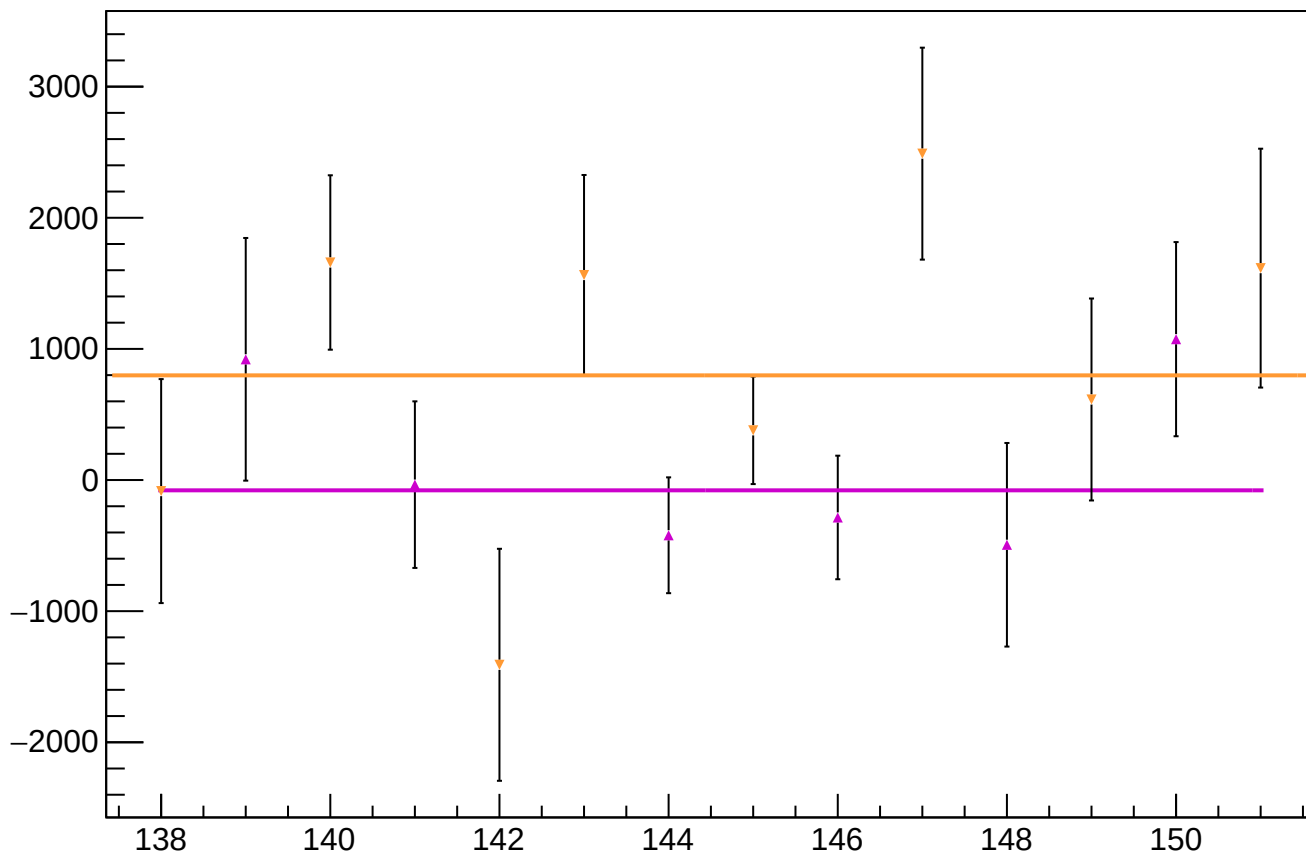
Left In: 513.516+/-0.170 χ^2/NDF :701093.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.286+/-0.119 χ^2/NDF : 1722833.9/13

- 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: 798.244+/-242.553 χ^2/NDF : 16.3/7

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

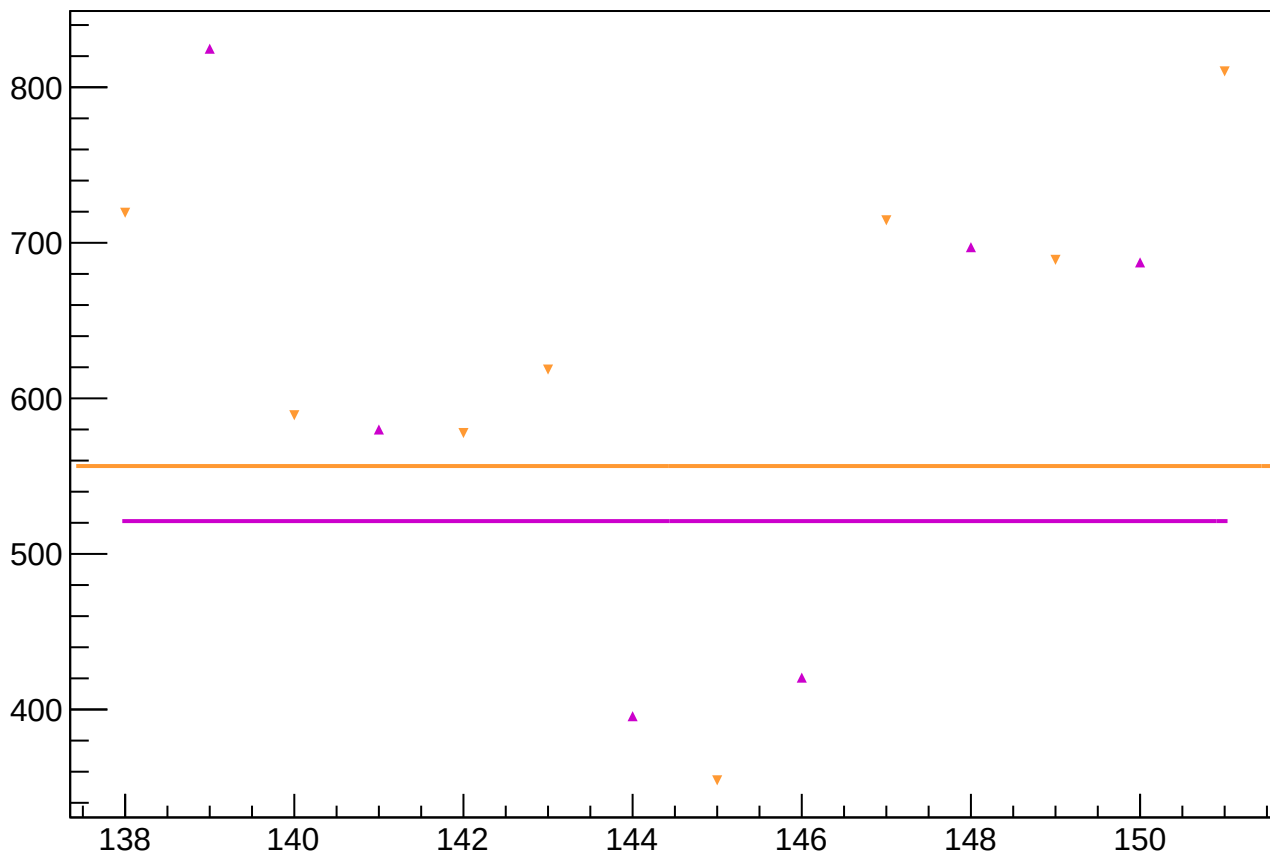
Left In: -78.583+/-244.257 χ^2/NDF : 4.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.900+/-172.110 χ^2/NDF : 27.4/13

- 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: 556.494+/-0.172 χ^2/NDF : 868361.3/7

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

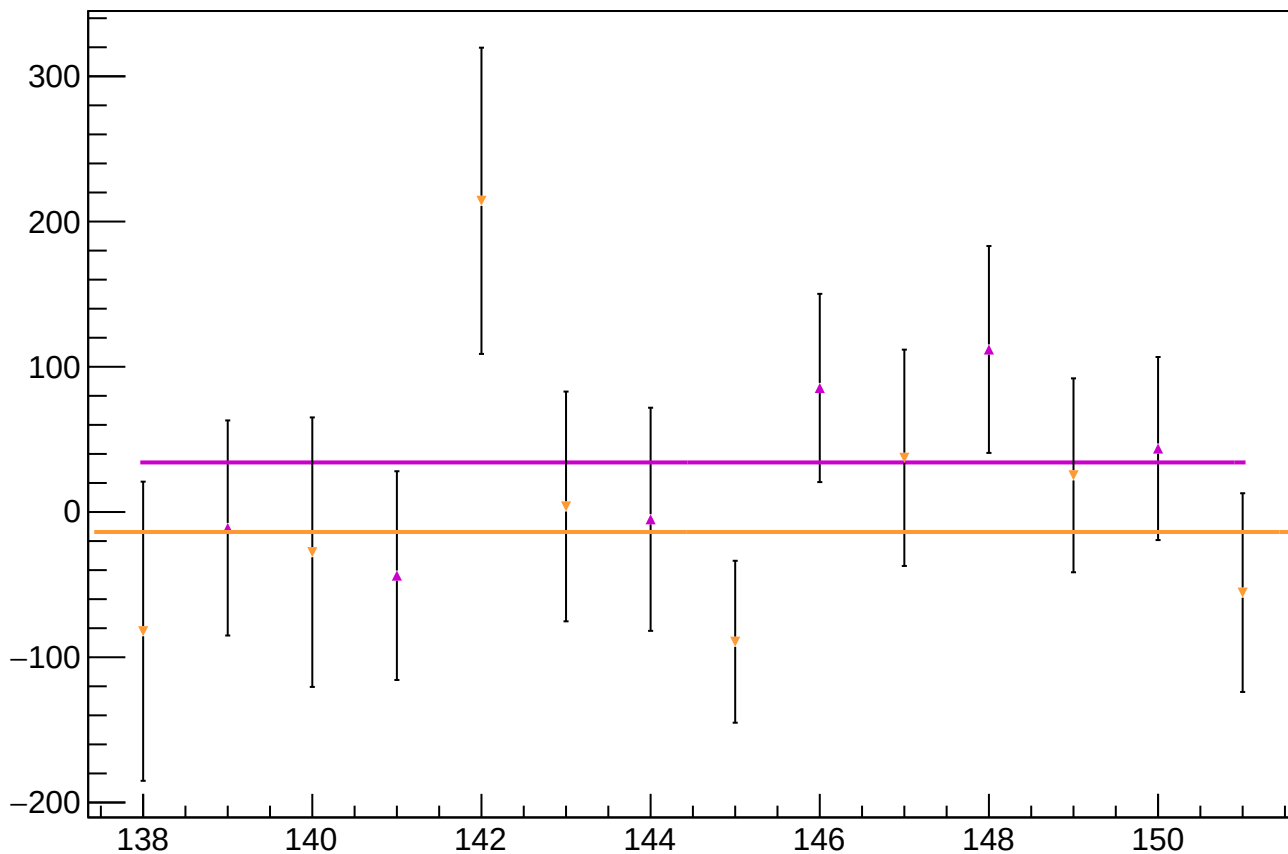
Left In: 521.103+/-0.173 χ^2/NDF : 688954.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.922+/-0.122 χ^2/NDF : 1578456.8/13

- 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: -13.750 $\pm$ 26.723 χ^2 /NDF:8.2/7

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

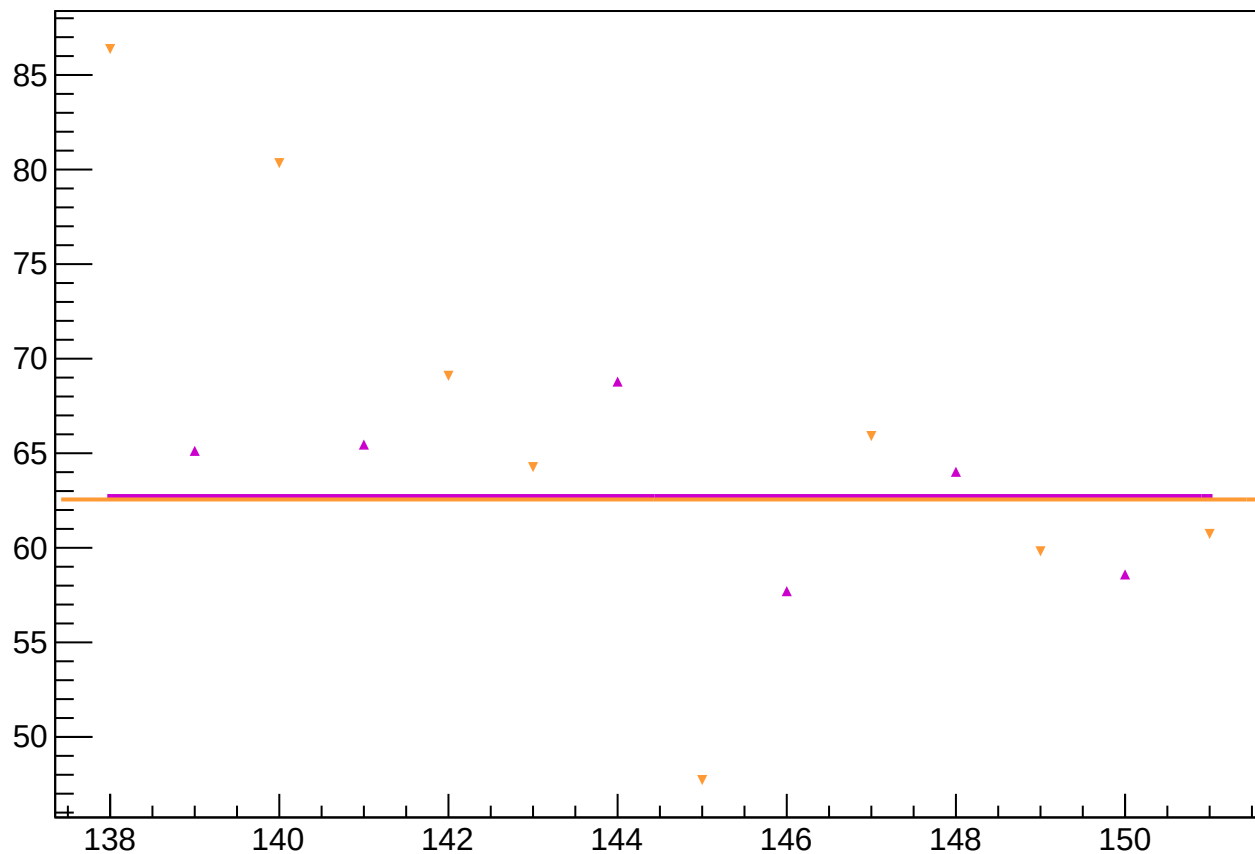
Left In: 34.142 $\pm$ 28.485 χ^2 /NDF:3.6/5

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

All: 8.669 $\pm$ 19.489 χ^2 /NDF: 13.4/13

- 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: 62.556+/-0.019 χ^2/NDF : 339526.2/7

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

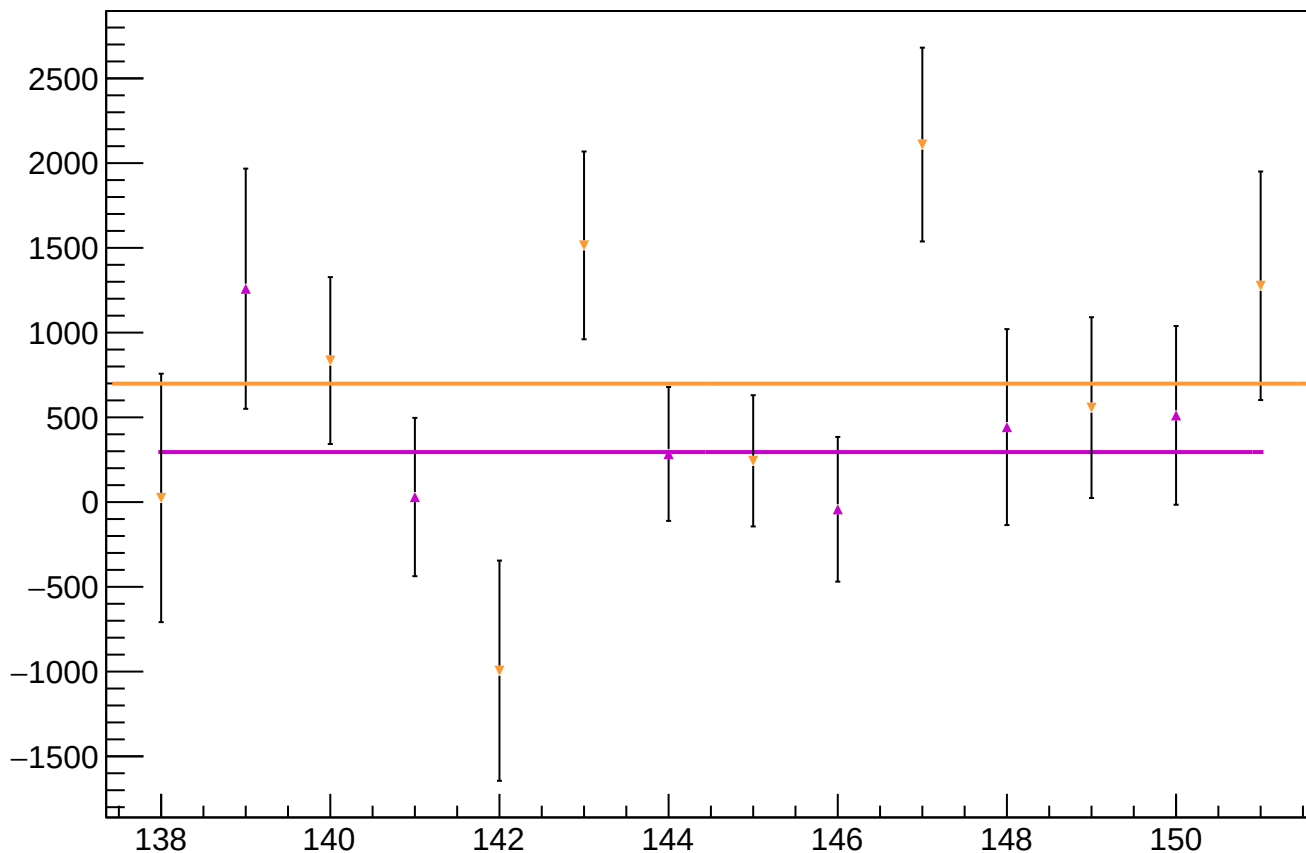
Left In: 62.738+/-0.020 χ^2/NDF : 38712.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.641+/-0.014 χ^2/NDF : 378282.3/13

- 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: 698.899+/-192.255 χ^2/NDF : 18.2/7

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

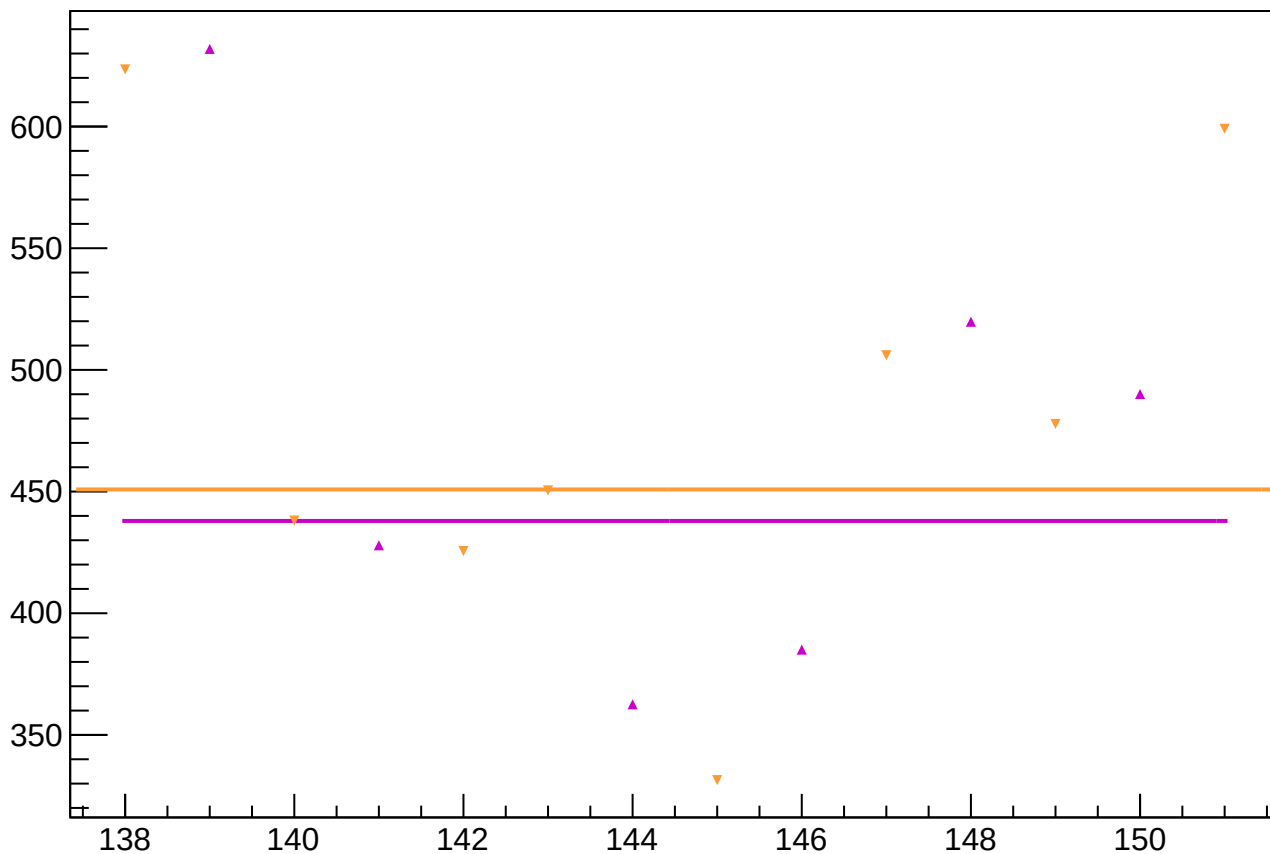
Left In: 295.194+/-199.765 χ^2/NDF : 3.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.777+/-138.524 χ^2/NDF : 23.3/13

- 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: 450.868+/-0.136 χ^2/NDF : 425970.0/7

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

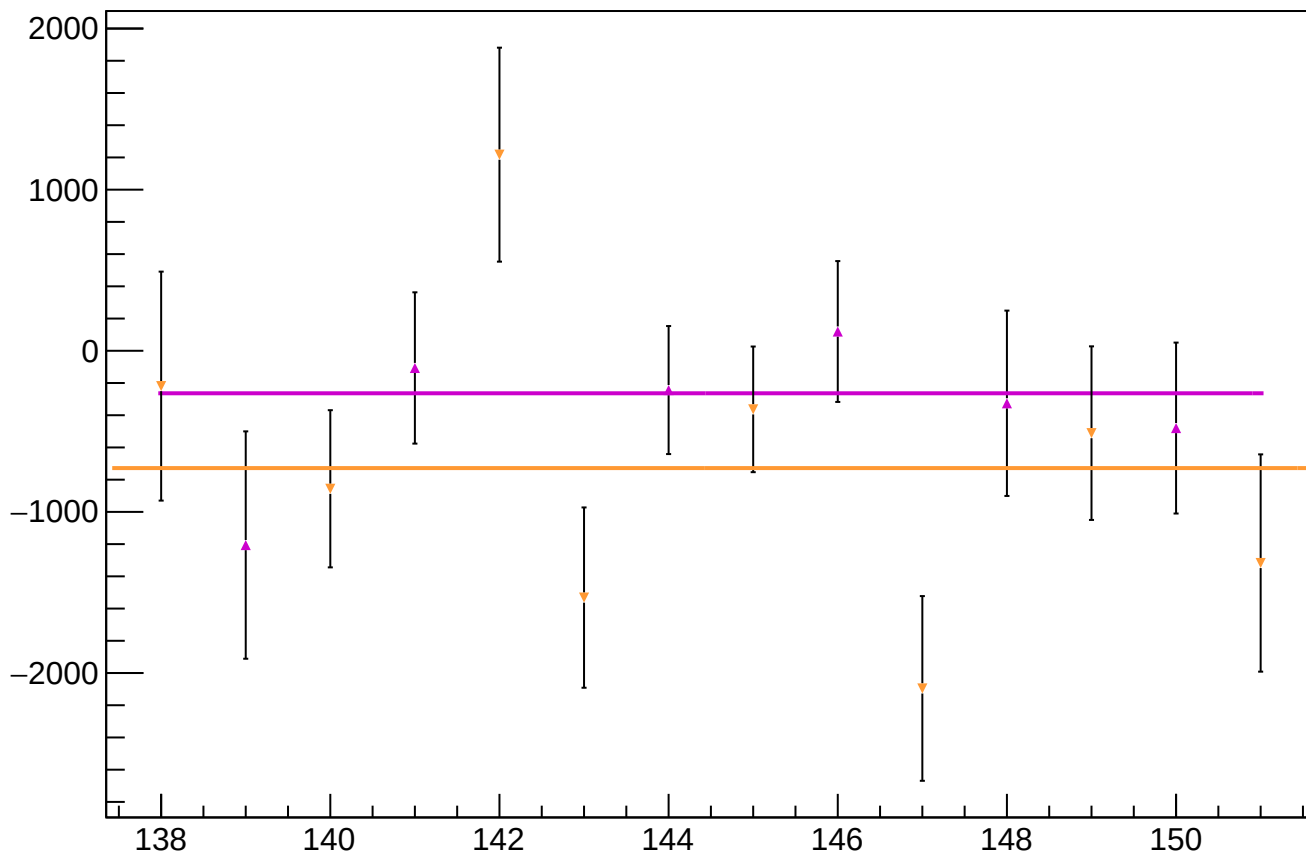
Left In: 437.935+/-0.141 χ^2/NDF : 313914.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.649+/-0.098 χ^2/NDF : 744236.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -728.091+/-192.768 χ^2/NDF : 18.7/7

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

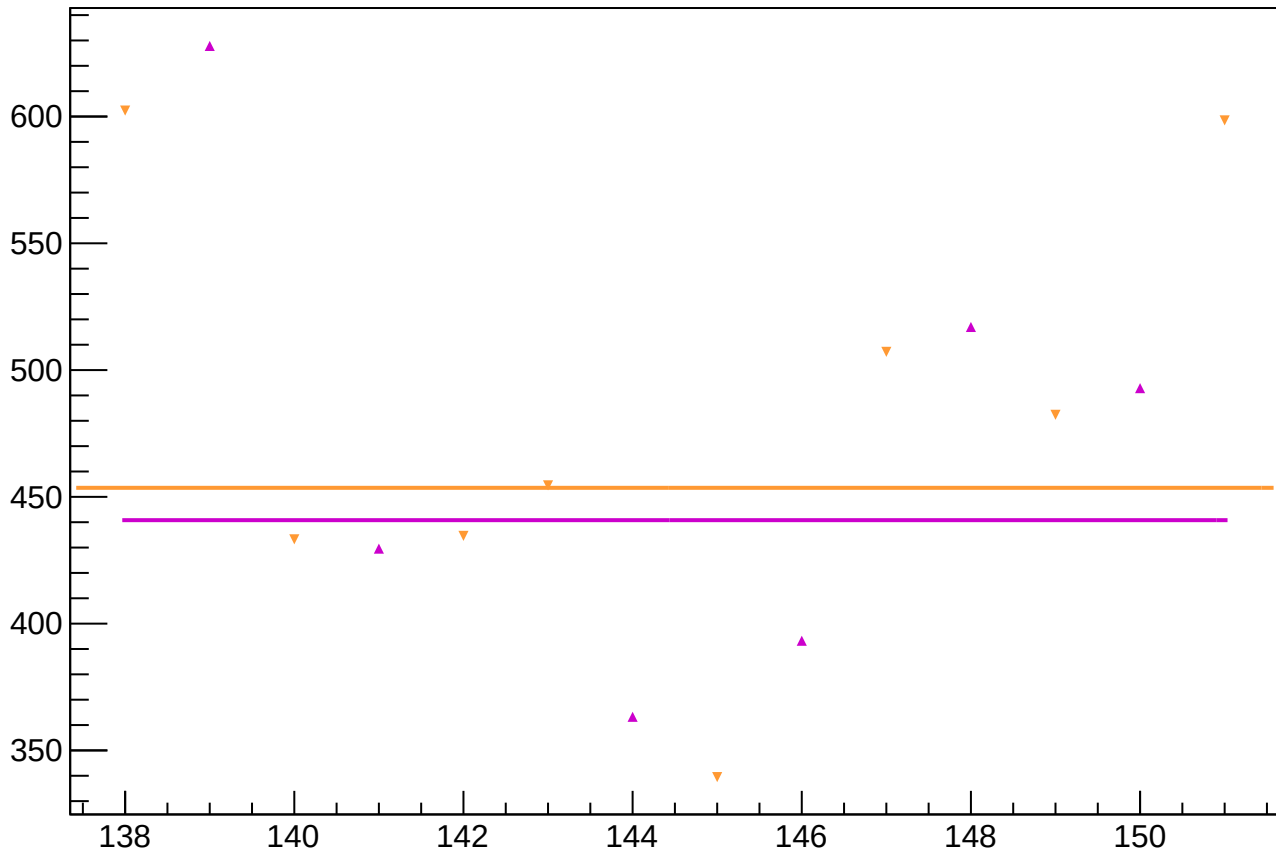
Left In: -263.798+/-201.250 χ^2/NDF : 2.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -505.935+/-139.210 χ^2/NDF : 24.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 453.566+/-0.136 χ^2/NDF : 379610.2/7

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

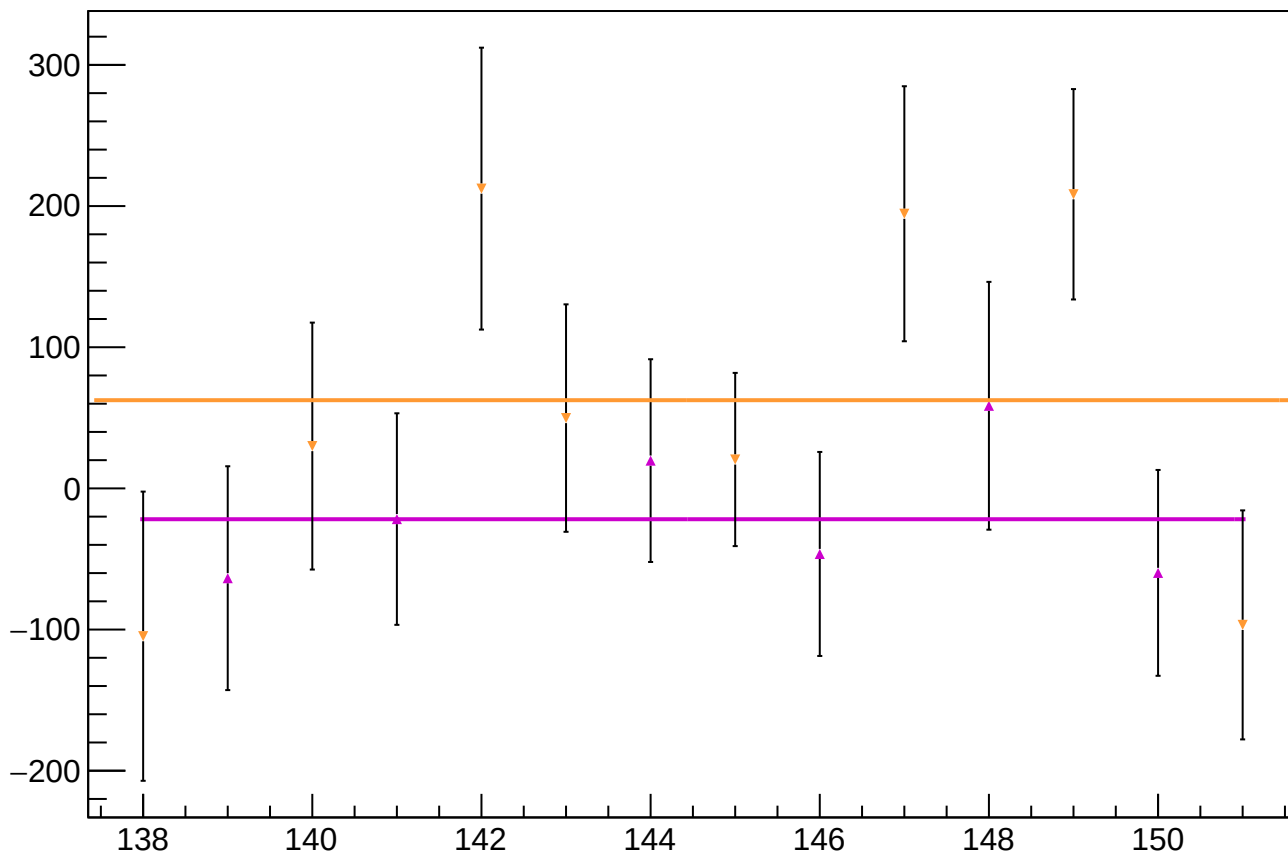
Left In: 440.807+/-0.142 χ^2/NDF : 295888.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.461+/-0.098 χ^2/NDF : 679691.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 62.482+/-28.861 χ^2/NDF :15.4/7

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

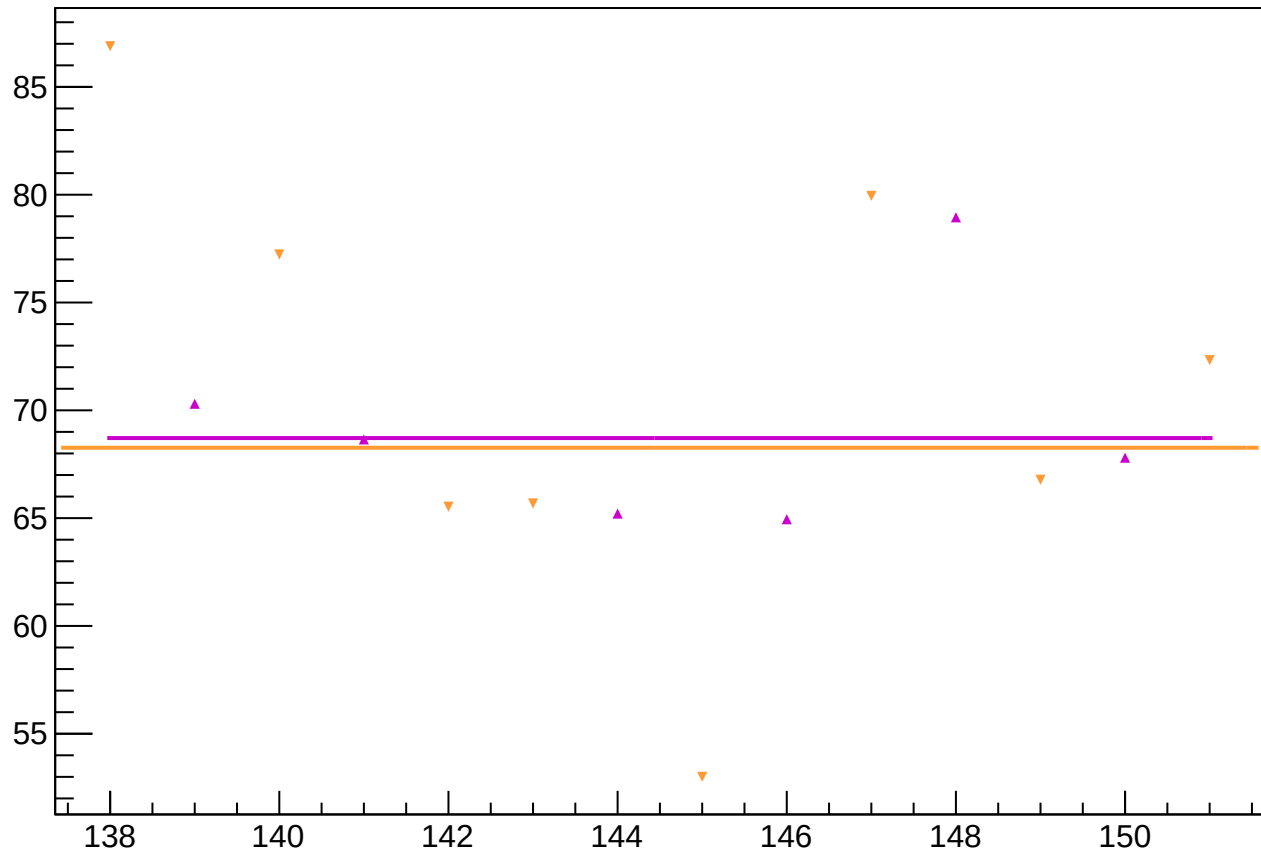
Left In: -21.839+/-31.002 χ^2/NDF :1.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.334+/-21.124 χ^2/NDF : 21.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 68.265+/-0.020 χ^2/NDF : 253729.6/7

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

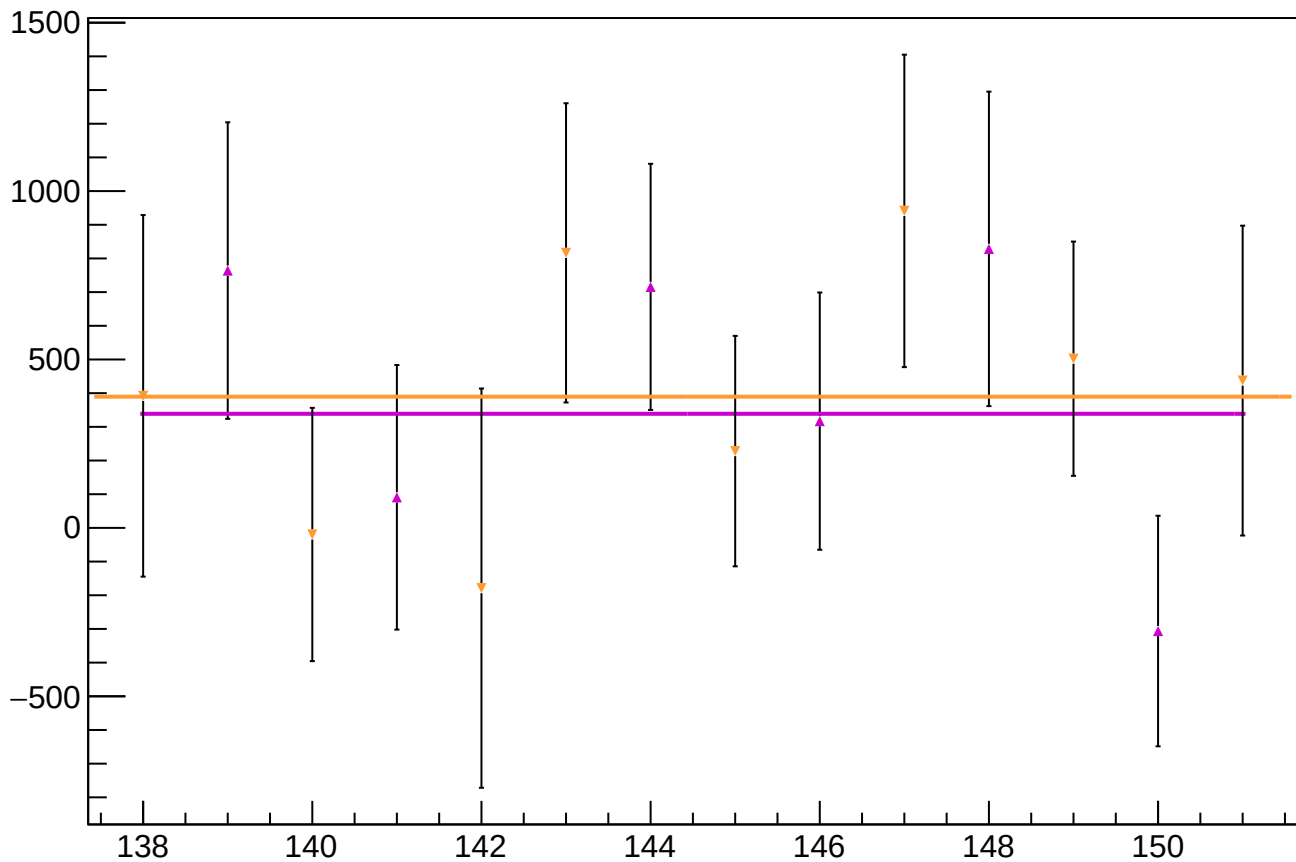
Left In: 68.714+/-0.022 χ^2/NDF : 38513.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.473+/-0.015 χ^2/NDF : 292467.3/13

- 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: 389.629+/-149.667 χ^2/NDF : 4.8/7

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

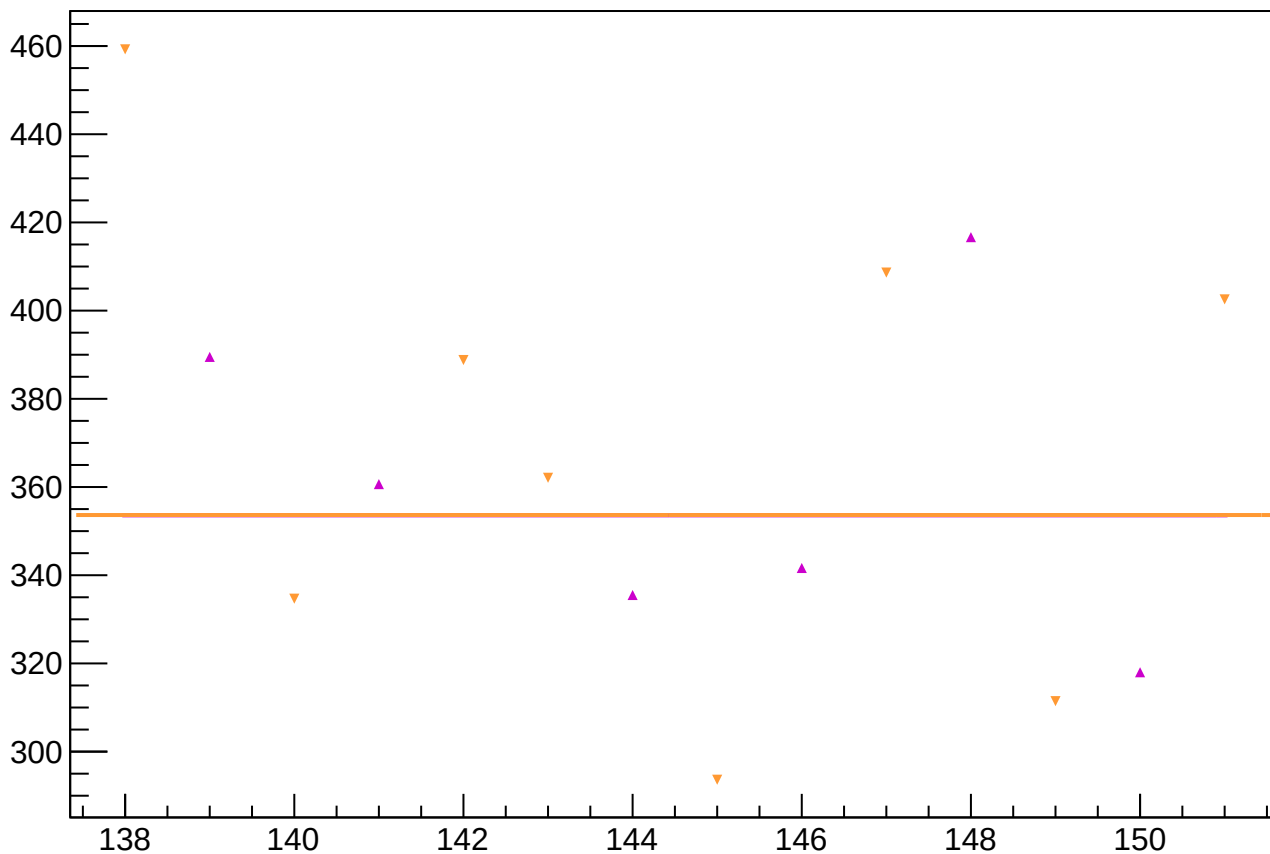
Left In: 338.792+/-159.895 χ^2/NDF : 7.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.888+/-109.267 χ^2/NDF : 11.9/13

- 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: 353.650+/-0.106 χ^2/NDF : 231985.3/7

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

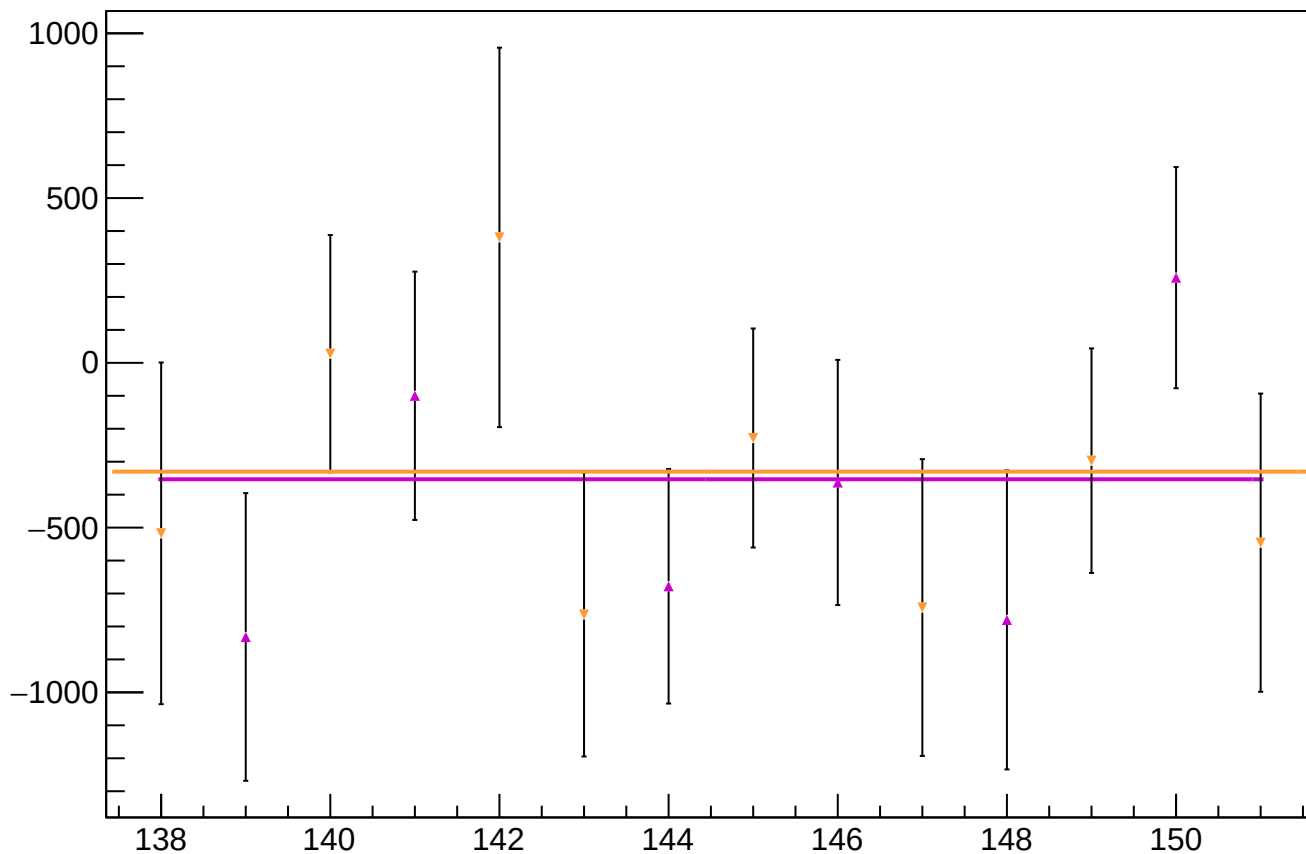
Left In: 353.577+/-0.113 χ^2/NDF : 78946.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.616+/-0.077 χ^2/NDF : 310931.9/13

- 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: -330.166 $\pm$ 145.369 χ^2 /NDF:4.8/7

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

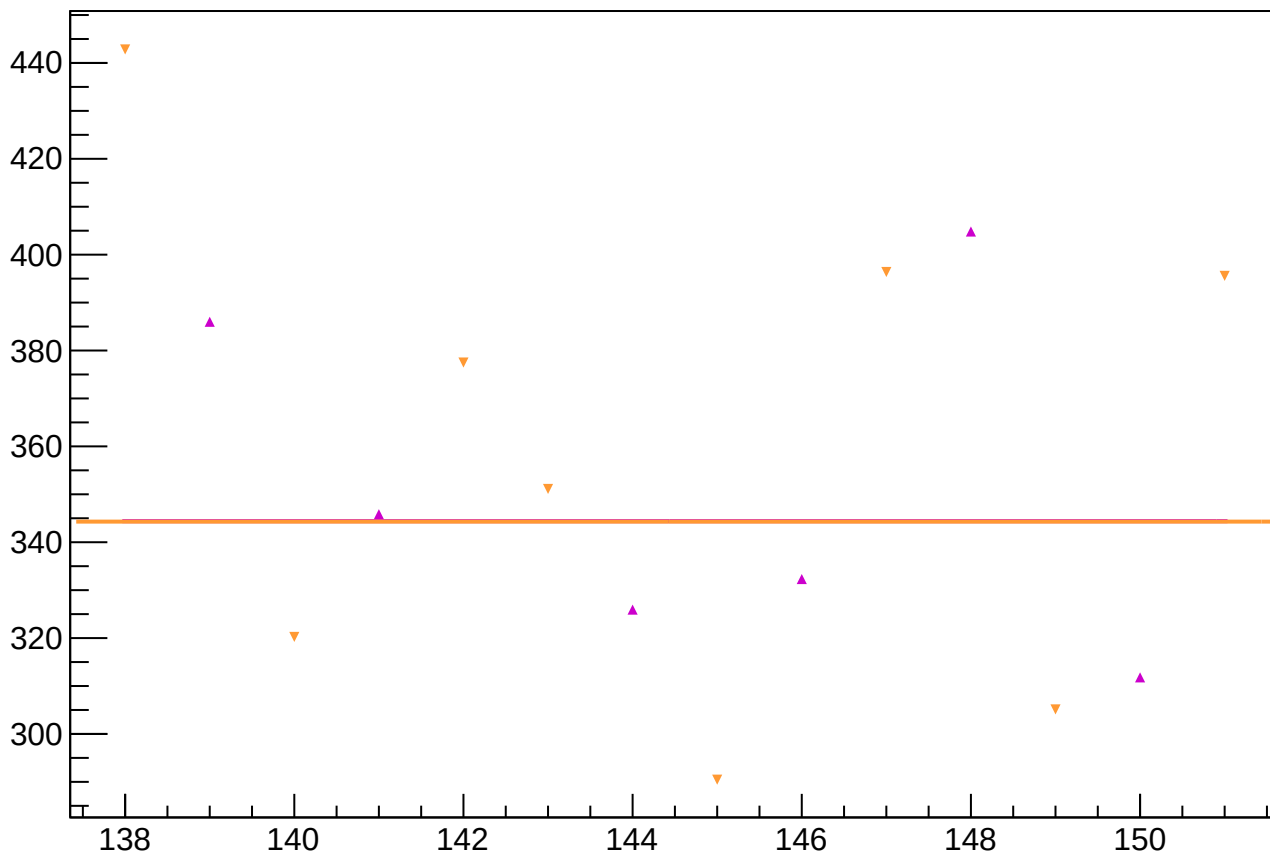
Left In: -353.352 $\pm$ 155.894 χ^2 /NDF:6.7/5

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

All: -340.950 $\pm$ 106.318 χ^2 /NDF: 11.5/13

- 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: 344.302+/-0.103 χ^2/NDF :219697.6/7

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

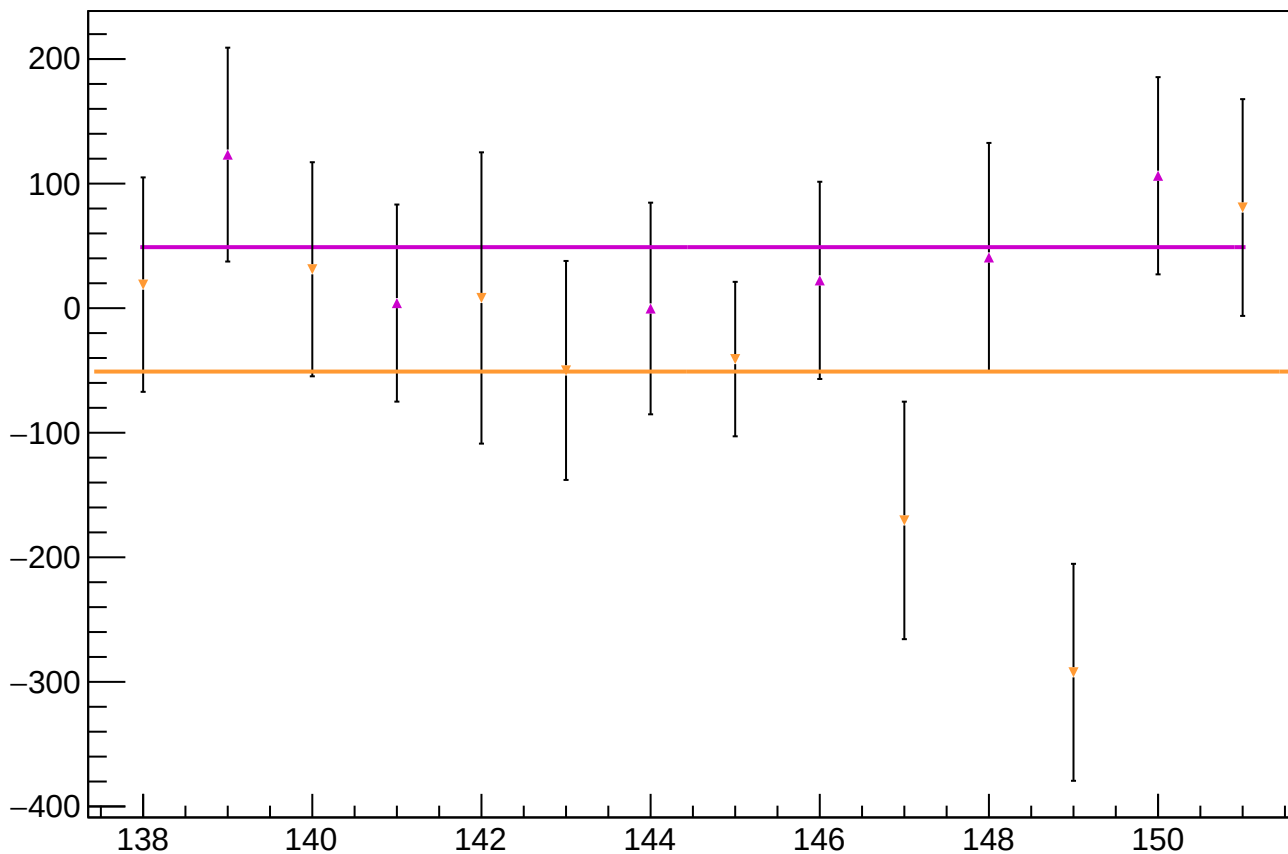
Left In: 344.393+/-0.110 χ^2/NDF :80017.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.344+/-0.075 χ^2/NDF : 299715.9/13

- 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: -50.888+/-30.055 χ^2/NDF :13.4/7

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

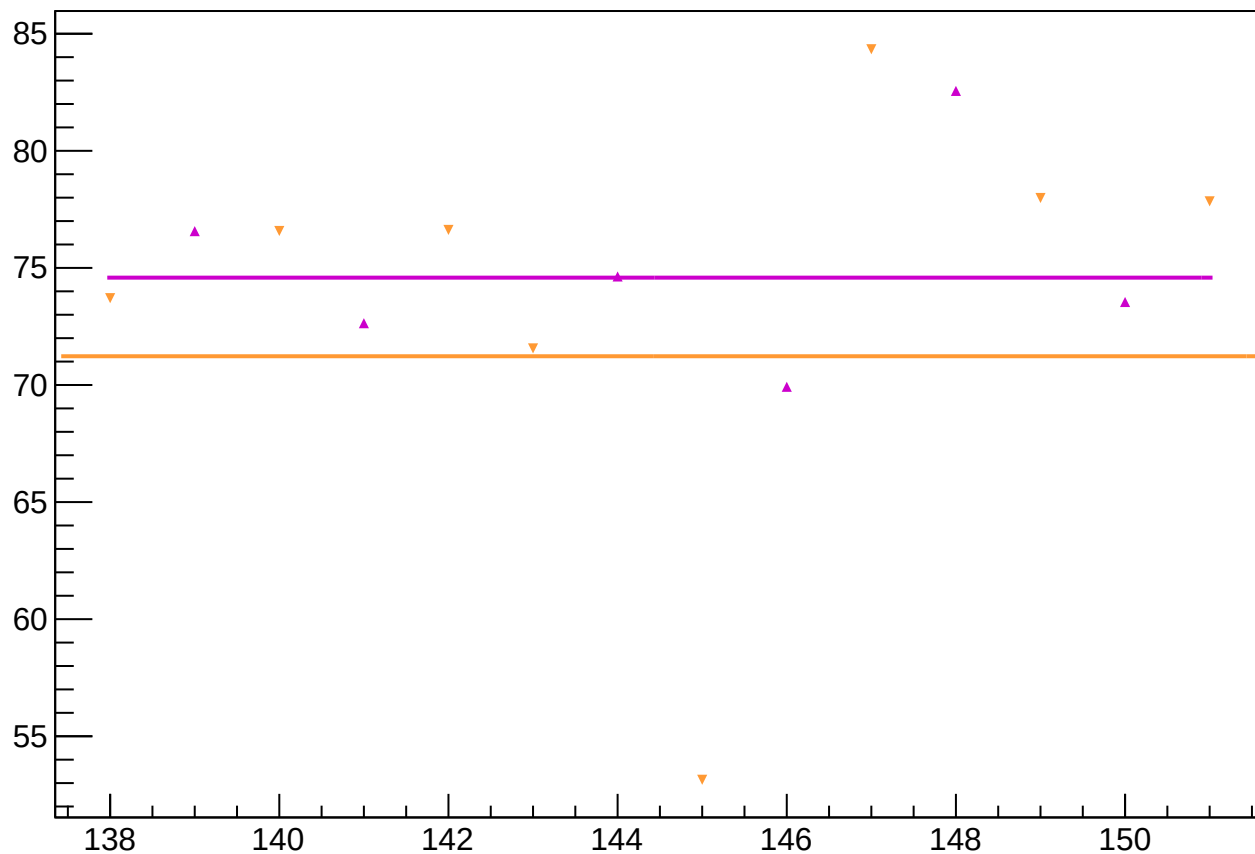
Left In: 48.991+/-33.873 χ^2/NDF :2.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.893+/-22.481 χ^2/NDF : 20.3/13

- 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: 71.228+/-0.021 χ^2/NDF : 245309.5/7

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

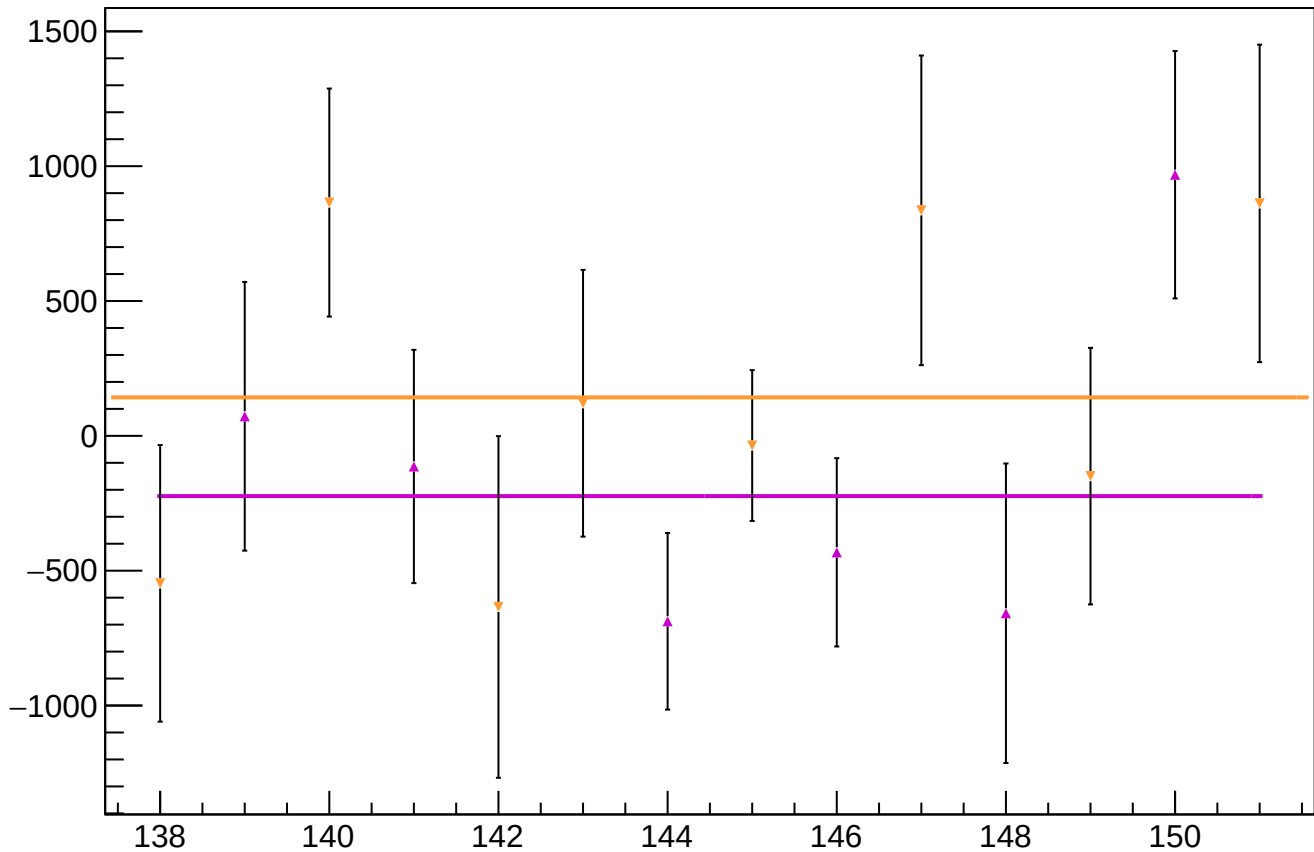
Left In: 74.584+/-0.024 χ^2/NDF : 24613.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.706+/-0.016 χ^2/NDF : 280912.1/13

- 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: 142.647+/-159.893 χ^2/NDF : 10.0/7

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

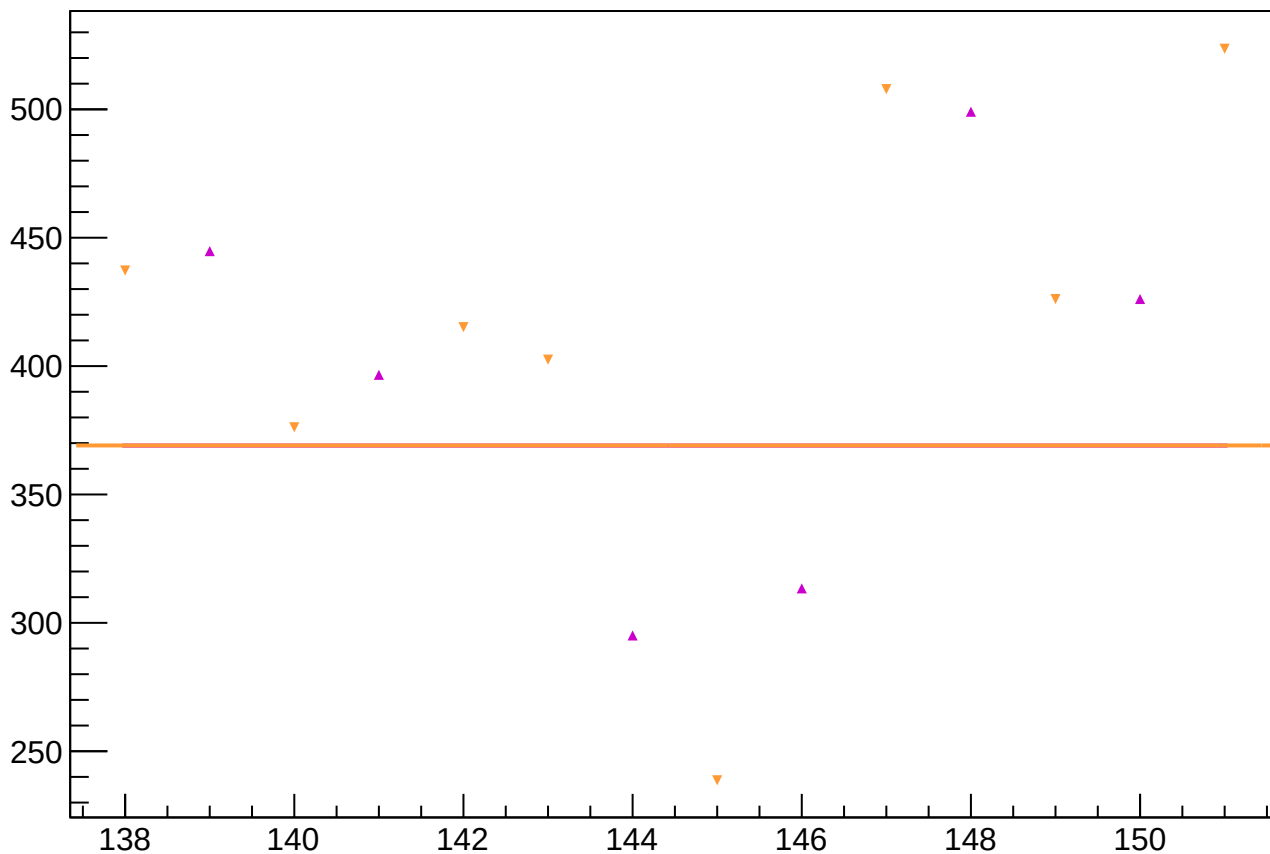
Left In: -223.420+/-169.283 χ^2/NDF : 10.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.953+/-116.239 χ^2/NDF : 22.6/13

- 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: 369.097+/-0.113 χ^2/NDF : 774247.2/7

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

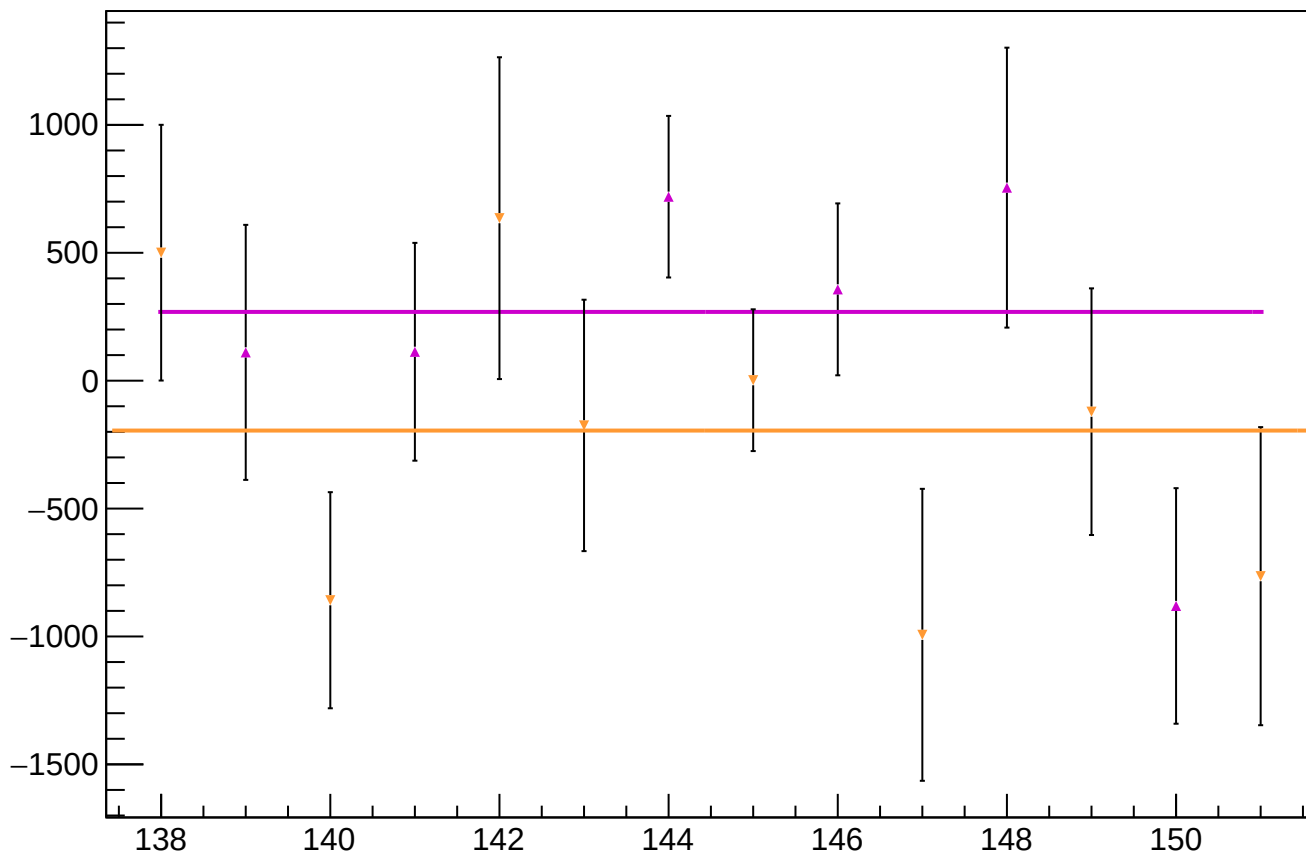
Left In: 369.043+/-0.120 χ^2/NDF : 347726.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.072+/-0.082 χ^2/NDF : 1121974.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -194.980+/-158.887 χ^2/NDF : 9.6/7

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

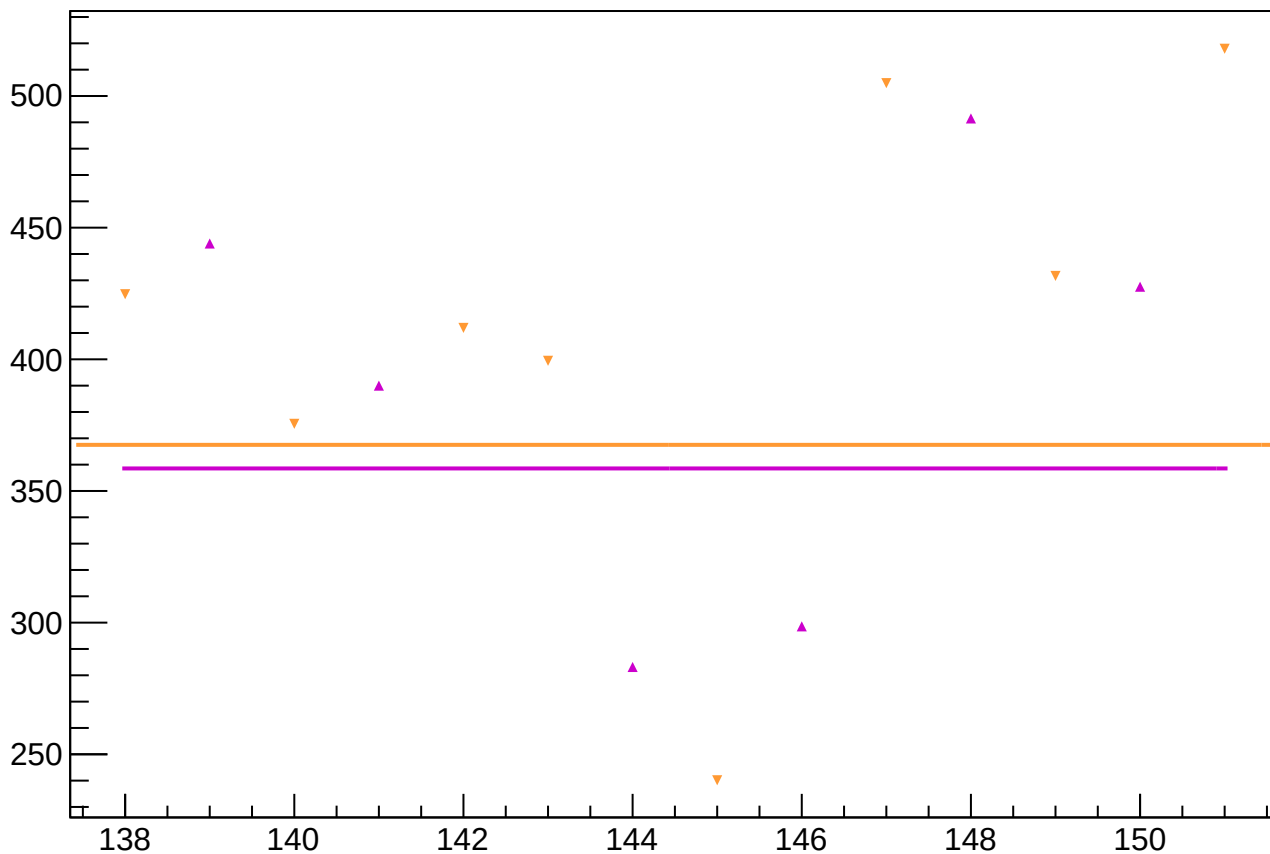
Left In: 268.876+/-165.580 χ^2/NDF : 9.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.385+/-114.643 χ^2/NDF : 23.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 367.517+/-0.112 χ^2/NDF : 752484.0/7

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

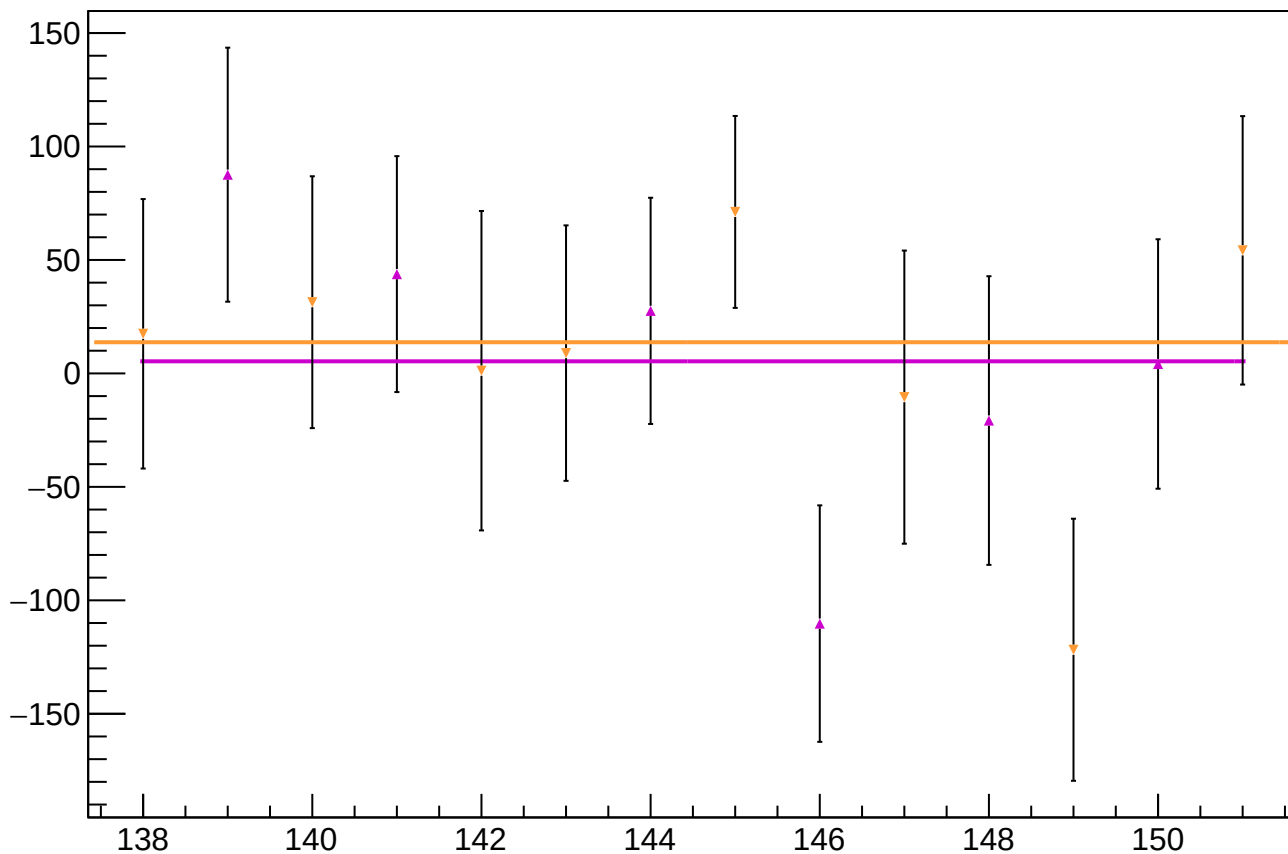
Left In: 358.555+/-0.117 χ^2/NDF : 410209.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.221+/-0.081 χ^2/NDF : 1165743.8/13

- 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: 13.732+/-19.959 χ^2/NDF : 8.1/7

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

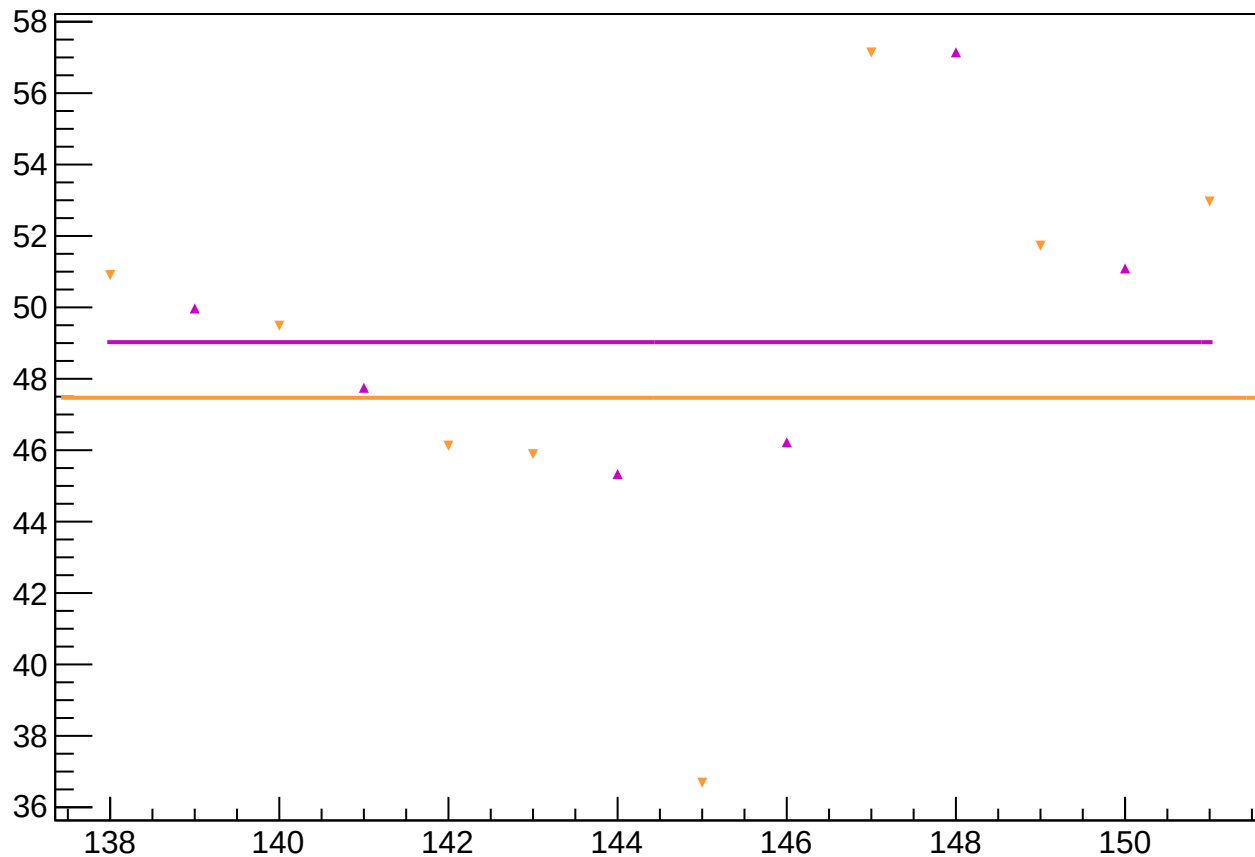
Left In: 5.334+/-22.151 χ^2/NDF : 8.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.969+/-14.828 χ^2/NDF : 16.2/13

- 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: 47.468+/-0.014 χ^2/NDF : 214577.1/7

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

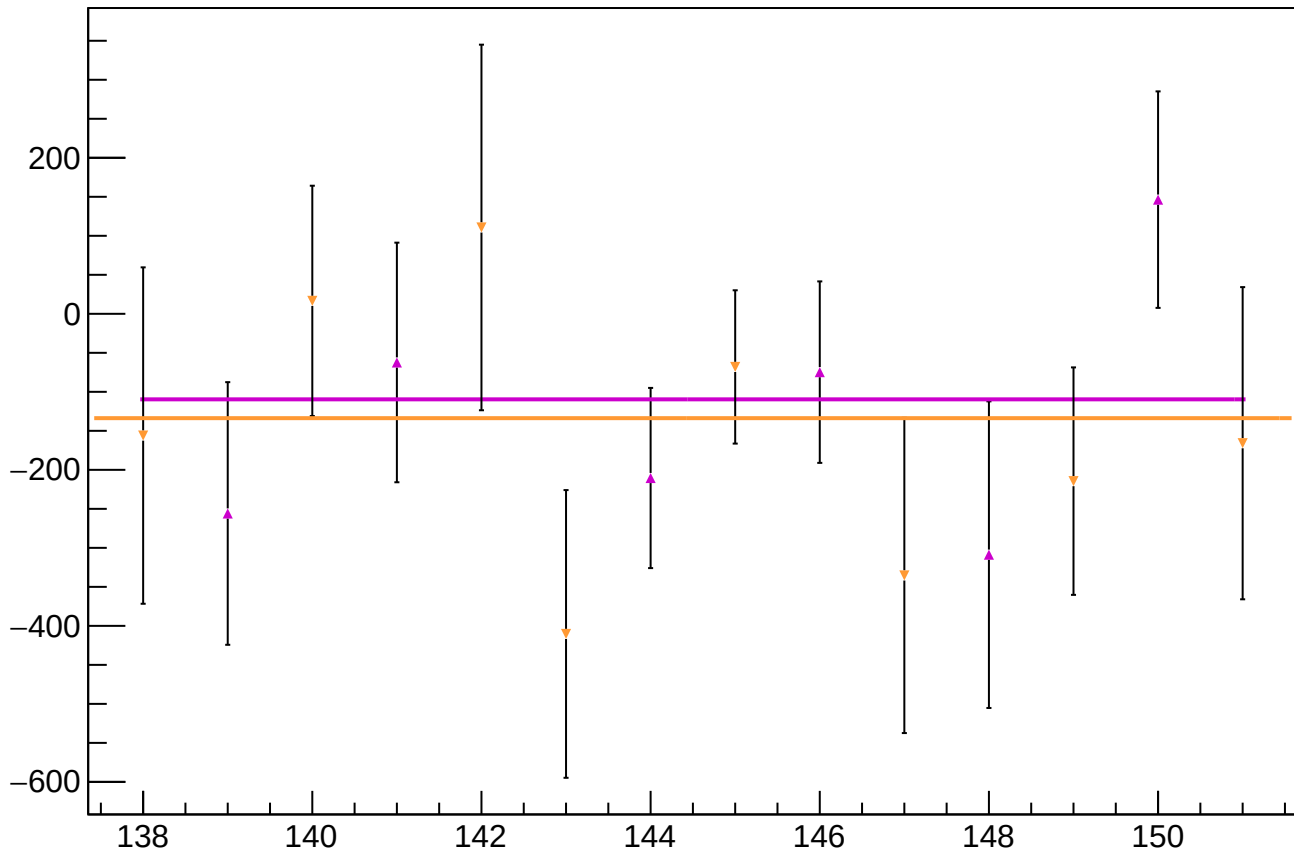
Left In: 49.027+/-0.016 χ^2/NDF : 53938.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.167+/-0.010 χ^2/NDF : 273978.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -133.754+/-56.333 χ^2/NDF : 6.2/7

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

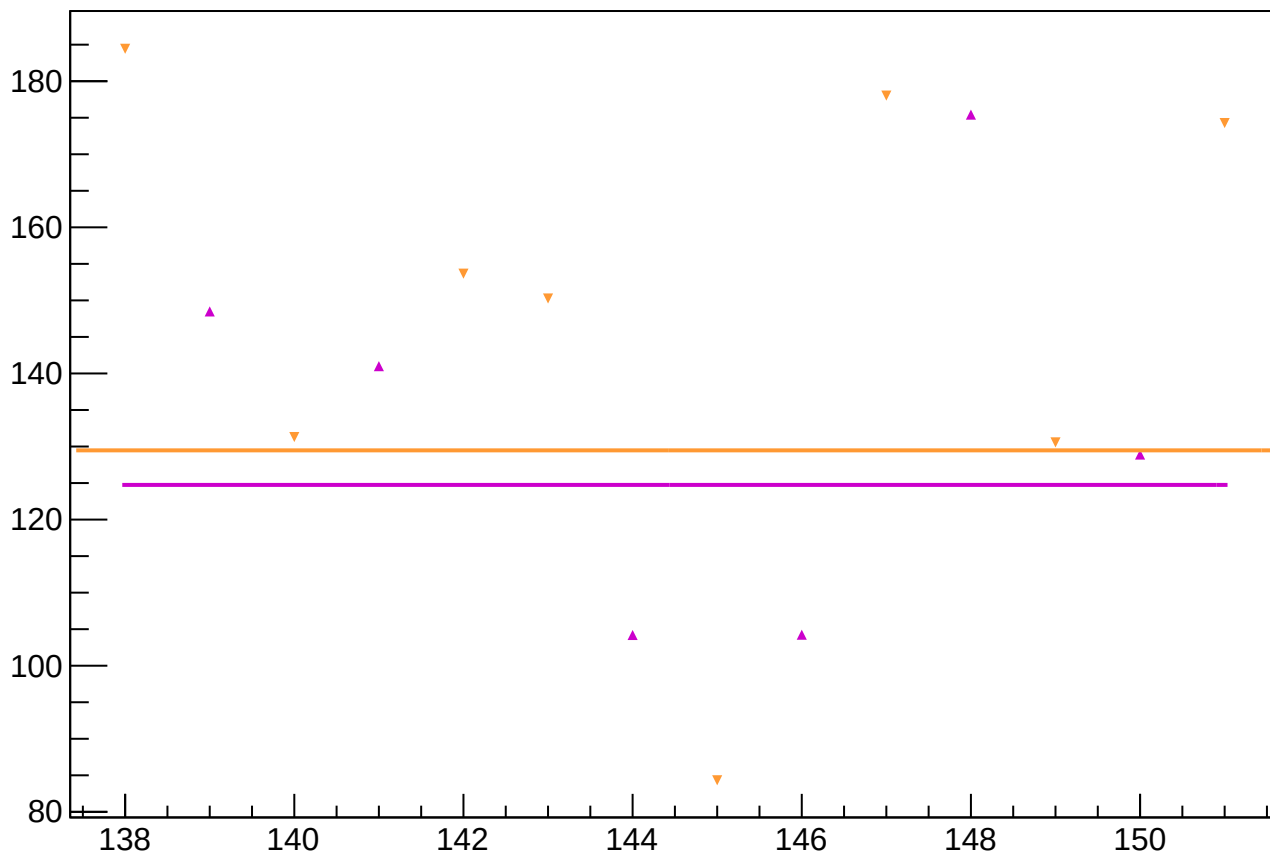
Left In: -109.638+/-57.315 χ^2/NDF : 6.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.904+/-40.176 χ^2/NDF : 12.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 129.475+/-0.040 χ^2/NDF : 815221.4/7

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

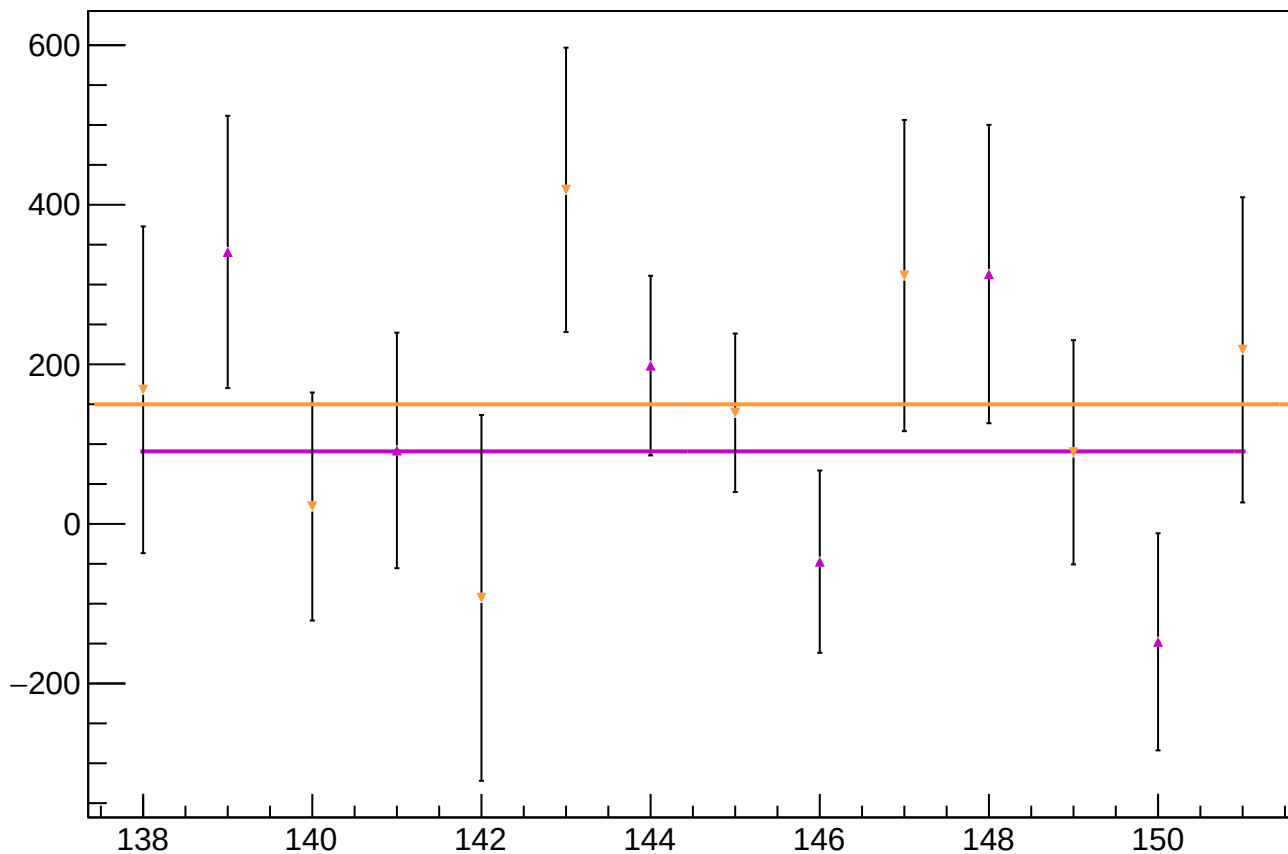
Left In: 124.746+/-0.041 χ^2/NDF : 322397.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.152+/-0.028 χ^2/NDF : 1144545.3/13

- 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: 149.903+/-55.137 χ^2/NDF : 5.2/7

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

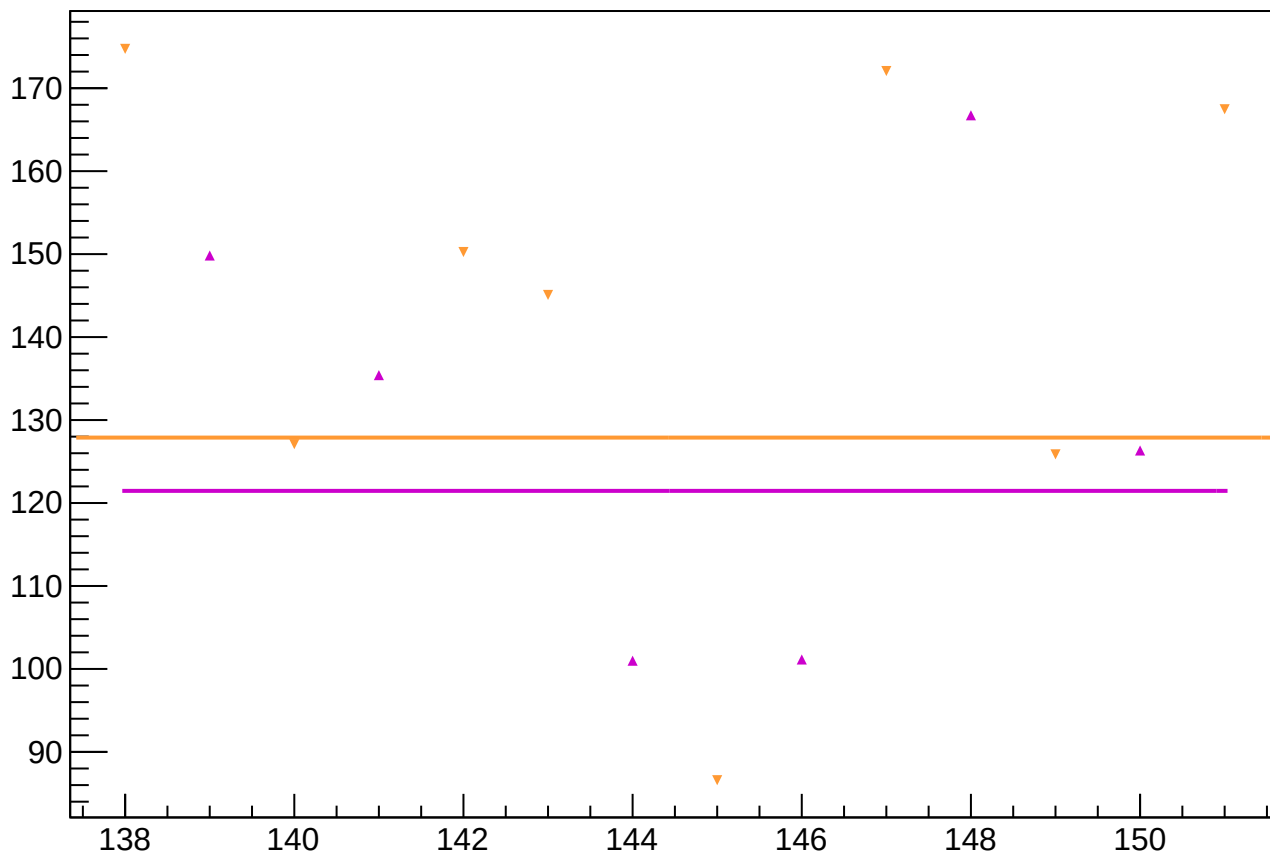
Left In: 90.925+/-56.039 χ^2/NDF : 9.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.893+/-39.303 χ^2/NDF : 14.8/13

- 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: 127.886+/-0.039 χ^2/NDF : 676815.0/7

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

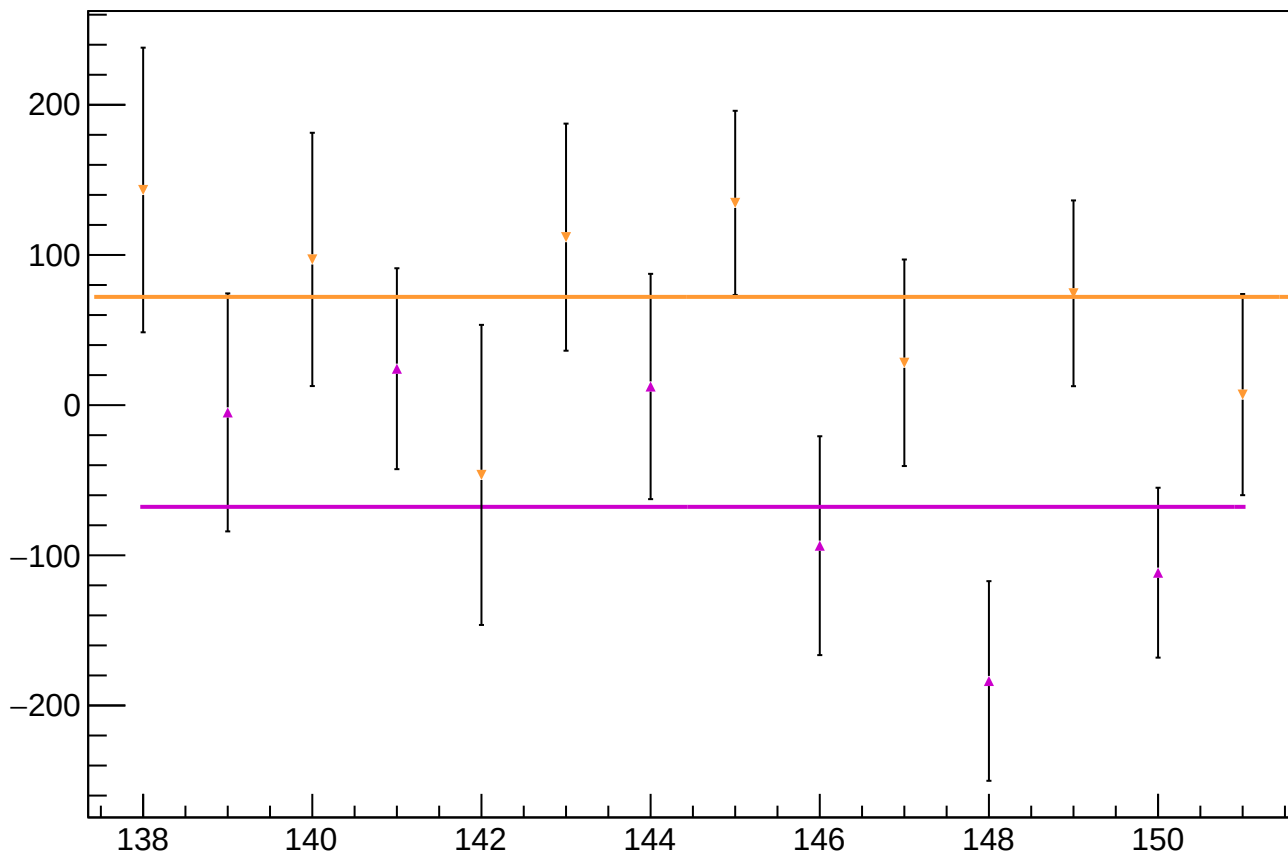
Left In: 121.463+/-0.040 χ^2/NDF : 322381.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.727+/-0.028 χ^2/NDF : 1012546.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 72.089 $\pm$ 25.917 χ^2 /NDF:4.7/7

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

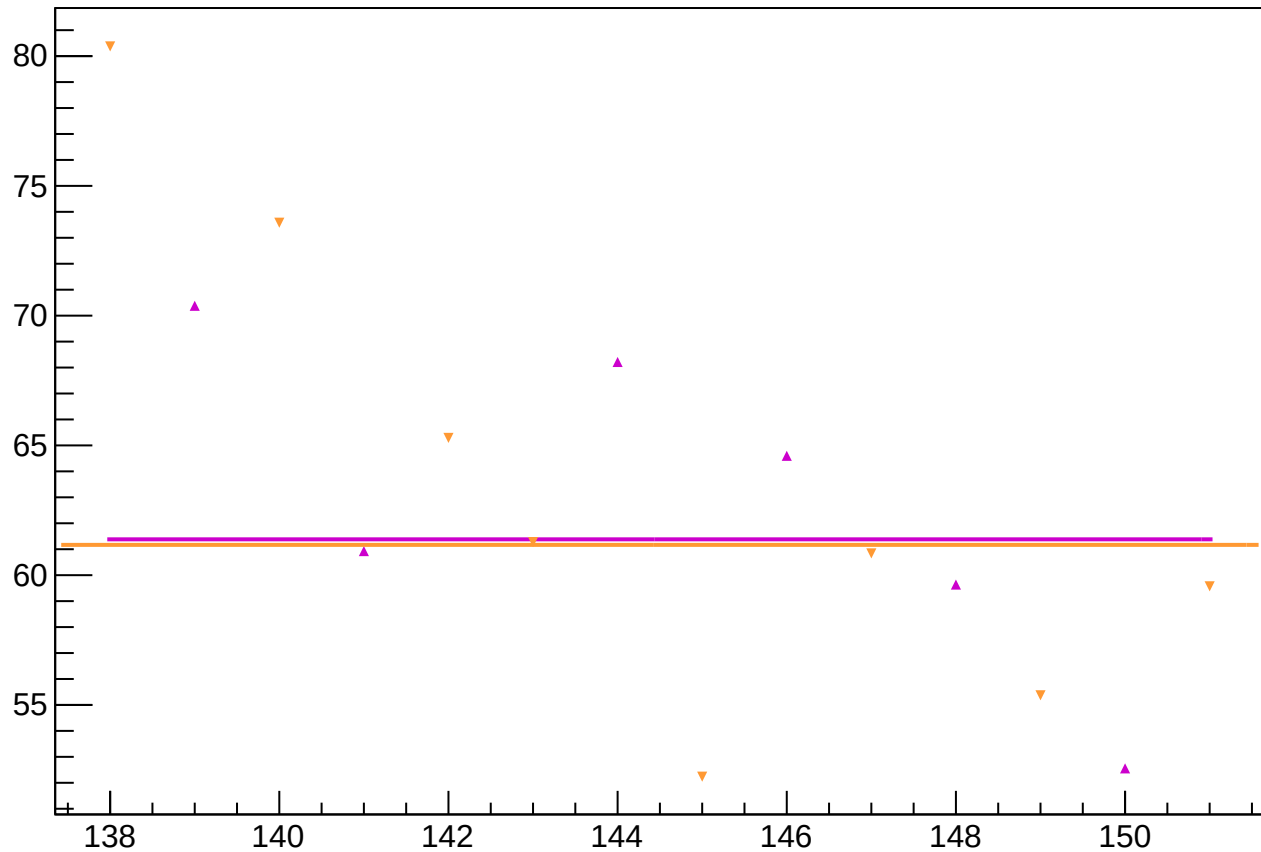
Left In: -67.726 $\pm$ 27.868 χ^2 /NDF:7.4/5

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

All: 7.247 $\pm$ 18.978 χ^2 /NDF: 25.7/13

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 61.167+/-0.018 χ^2/NDF : 190068.3/7

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

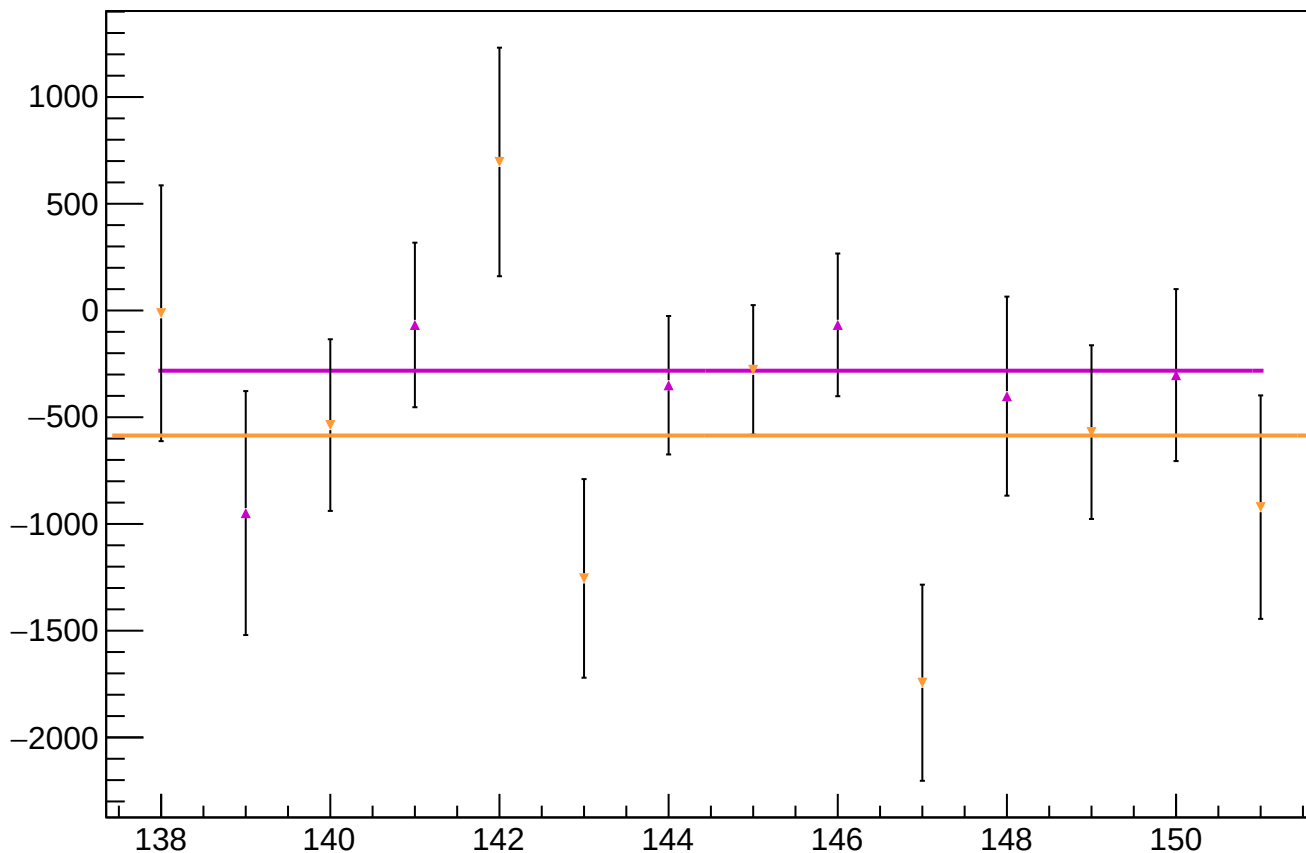
Left In: 61.381+/-0.020 χ^2/NDF : 96443.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.267+/-0.013 χ^2/NDF : 286574.7/13

- 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: -585.604+/-153.613 χ^2/NDF :16.5/7

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

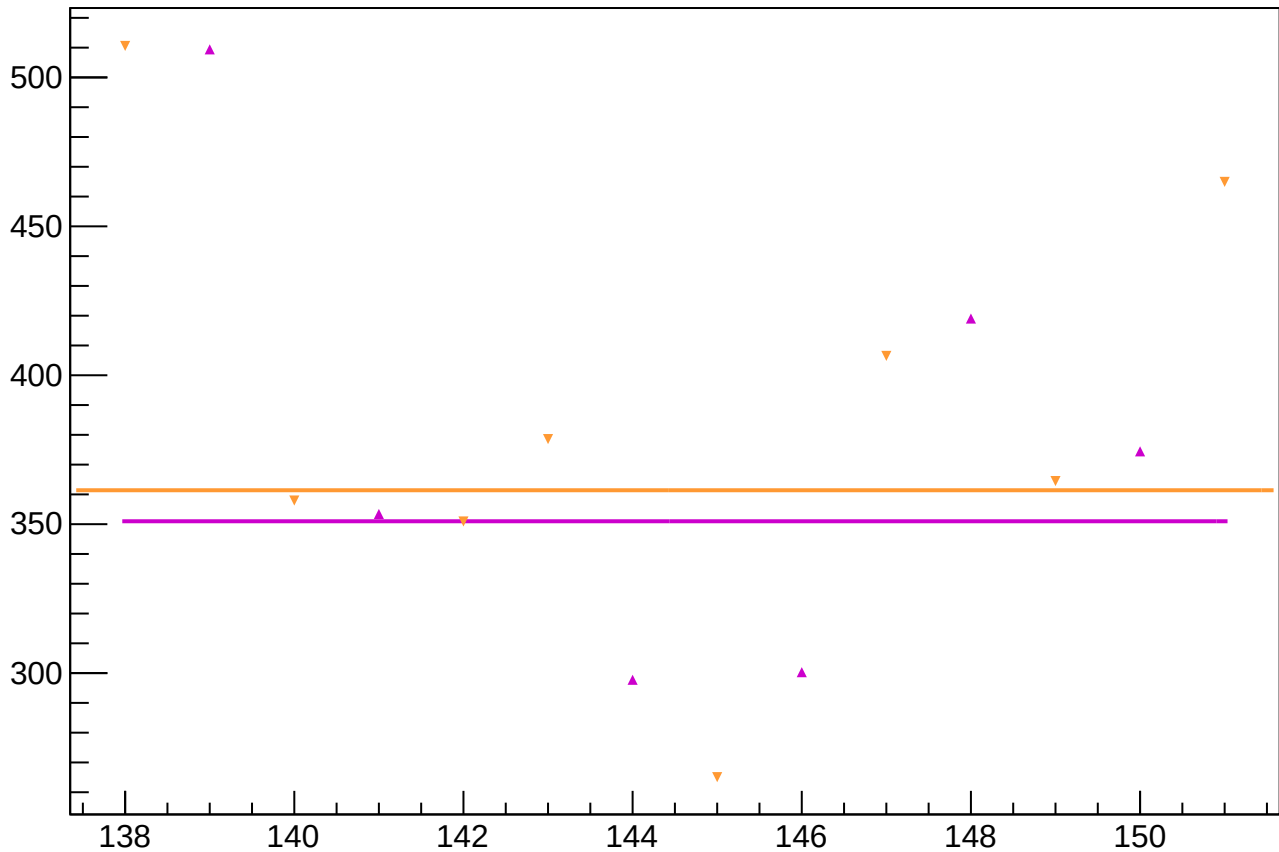
Left In: -282.041+/-160.103 χ^2/NDF :2.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -440.099+/-110.844 χ^2/NDF : 20.6/13

- 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: 361.393+/-0.109 χ^2/NDF : 426993.6/7

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

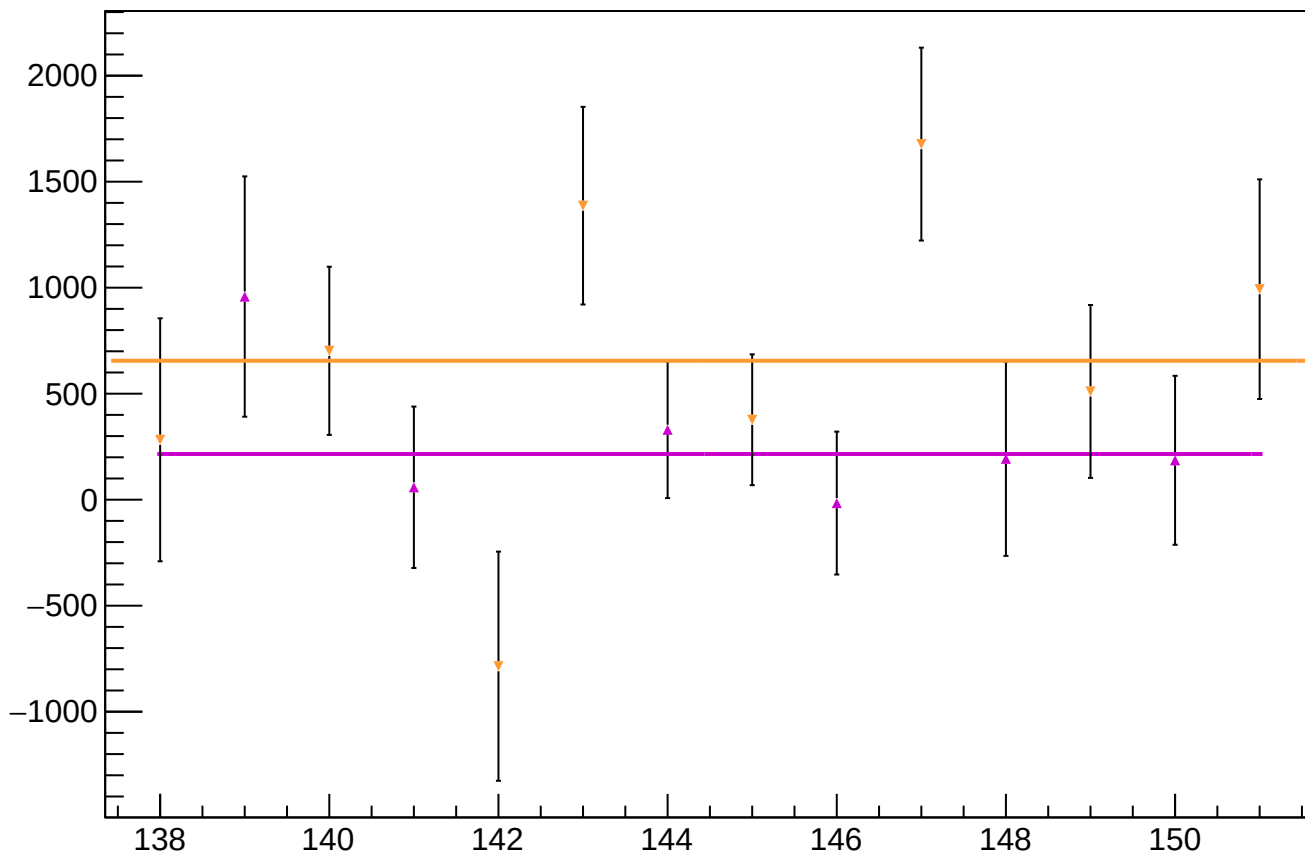
Left In: 350.981+/-0.113 χ^2/NDF : 303057.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.402+/-0.078 χ^2/NDF : 734456.0/13

- 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: 655.387+/-153.386 χ^2/NDF : 16.4/7

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

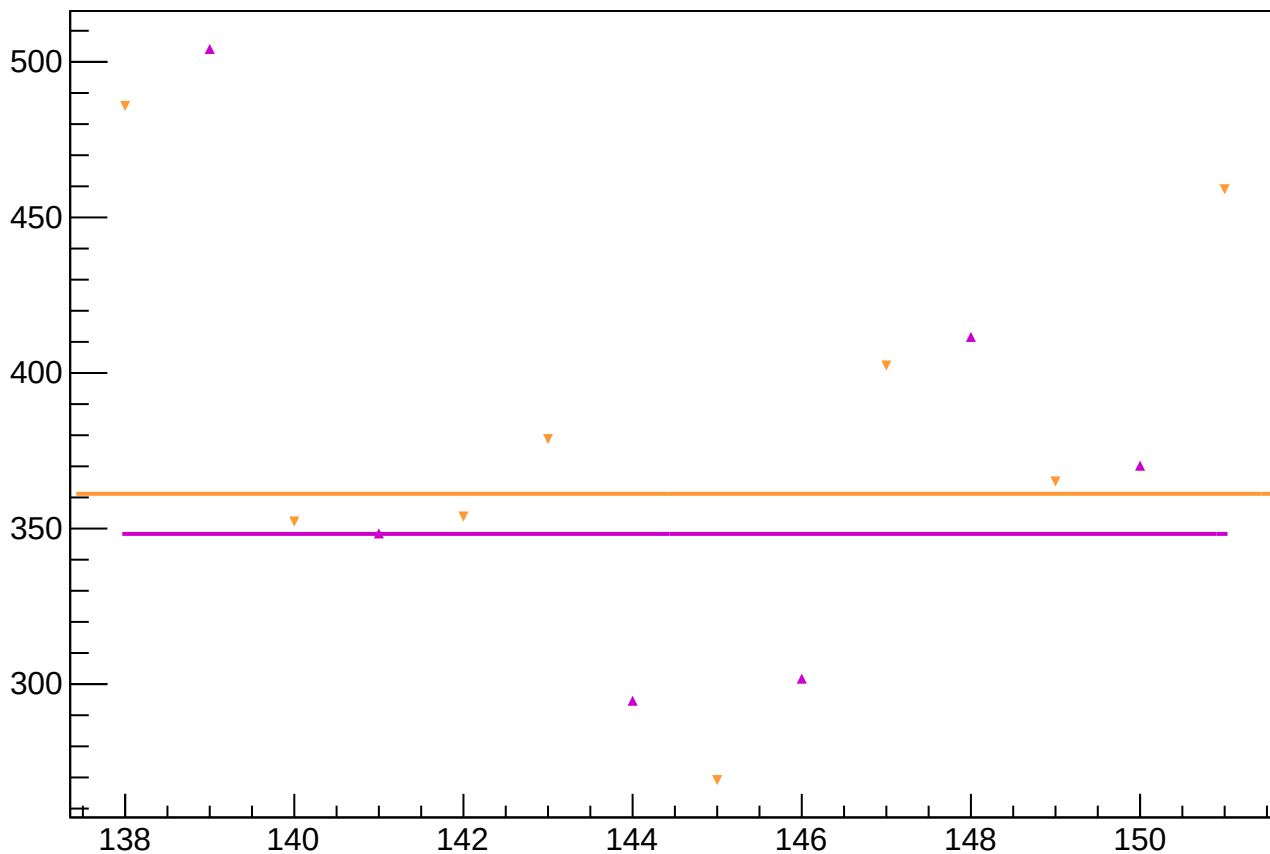
Left In: 215.411+/-159.086 χ^2/NDF : 2.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.422+/-110.421 χ^2/NDF : 22.9/13

- 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: 361.174+/-0.108 χ^2/NDF : 364741.1/7

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

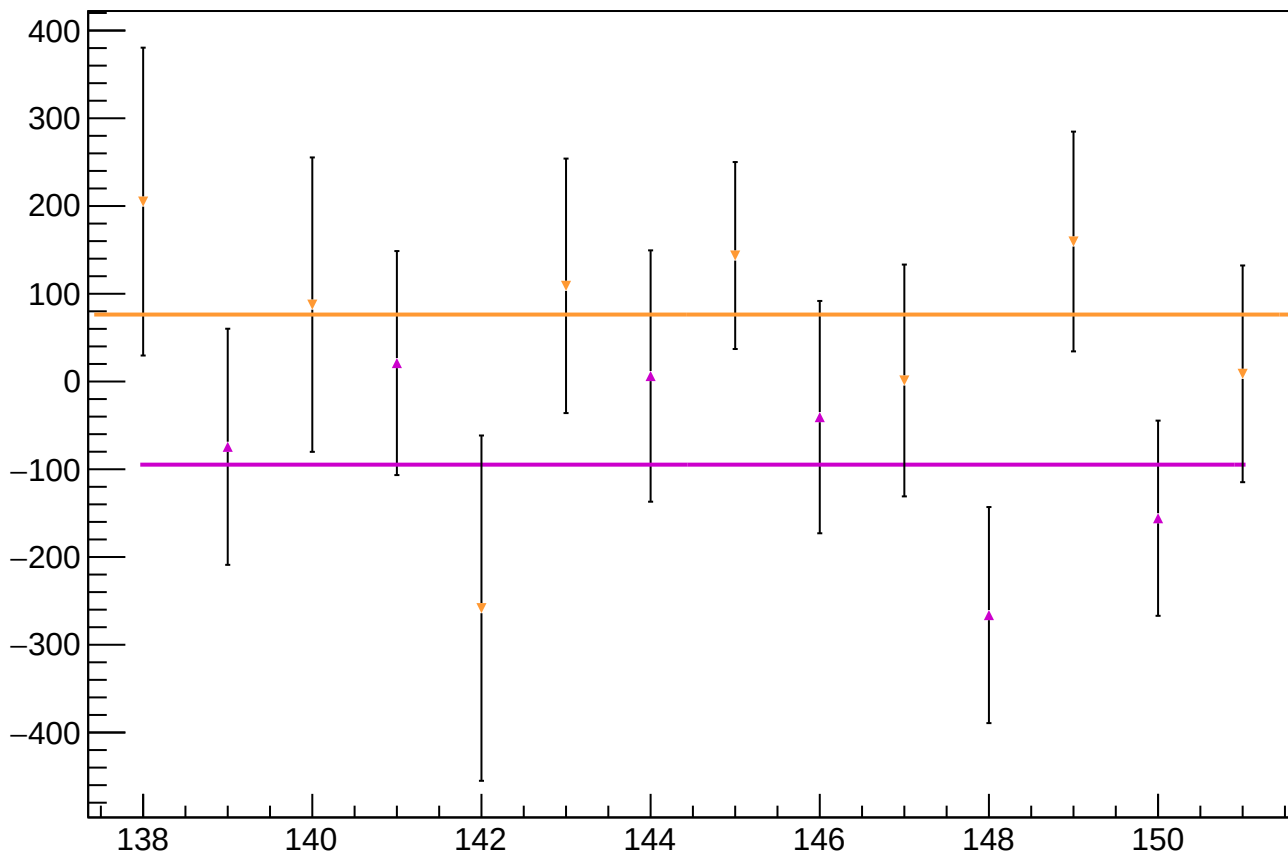
Left In: 348.287+/-0.112 χ^2/NDF : 289059.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.966+/-0.078 χ^2/NDF : 660602.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 76.314+/-49.019 χ^2/NDF : 4.9/7

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

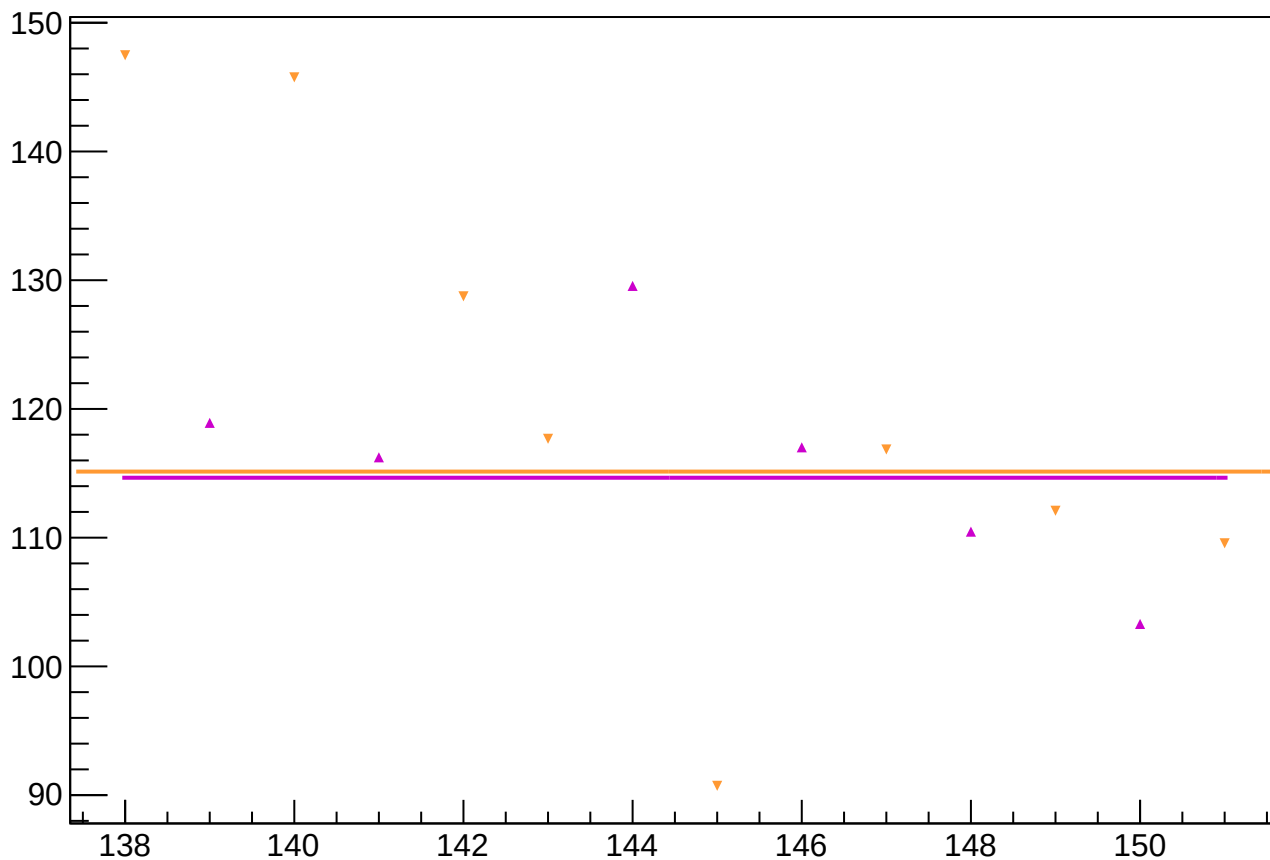
Left In: -94.746+/-52.042 χ^2/NDF : 3.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.103+/-35.682 χ^2/NDF : 14.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 115.134+/-0.035 χ^2/NDF :255418.0/7

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

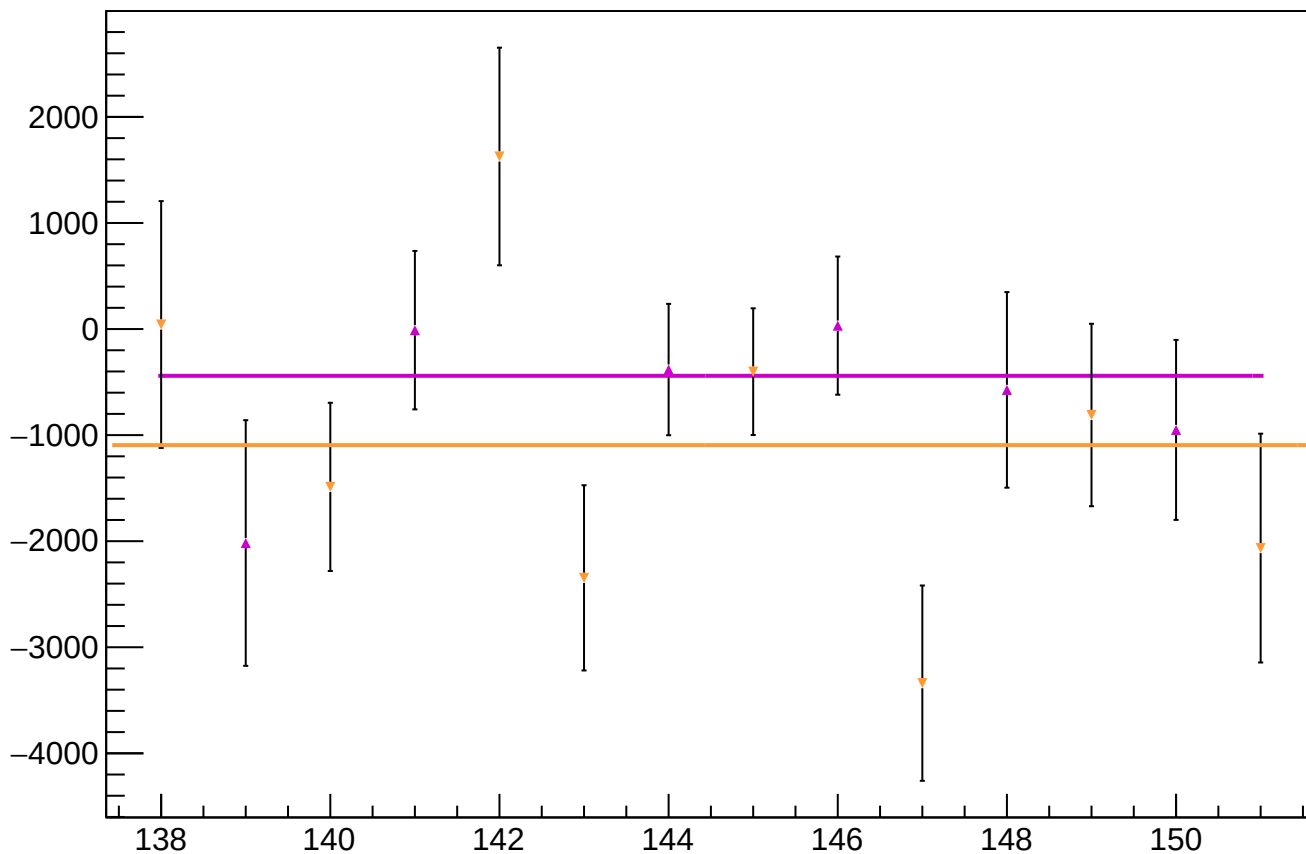
Left In: 114.656+/-0.037 χ^2/NDF :47776.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.909+/-0.025 χ^2/NDF : 303283.6/13

- 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: -1094.394+/-304.521 χ^2/NDF : 18.5/7

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

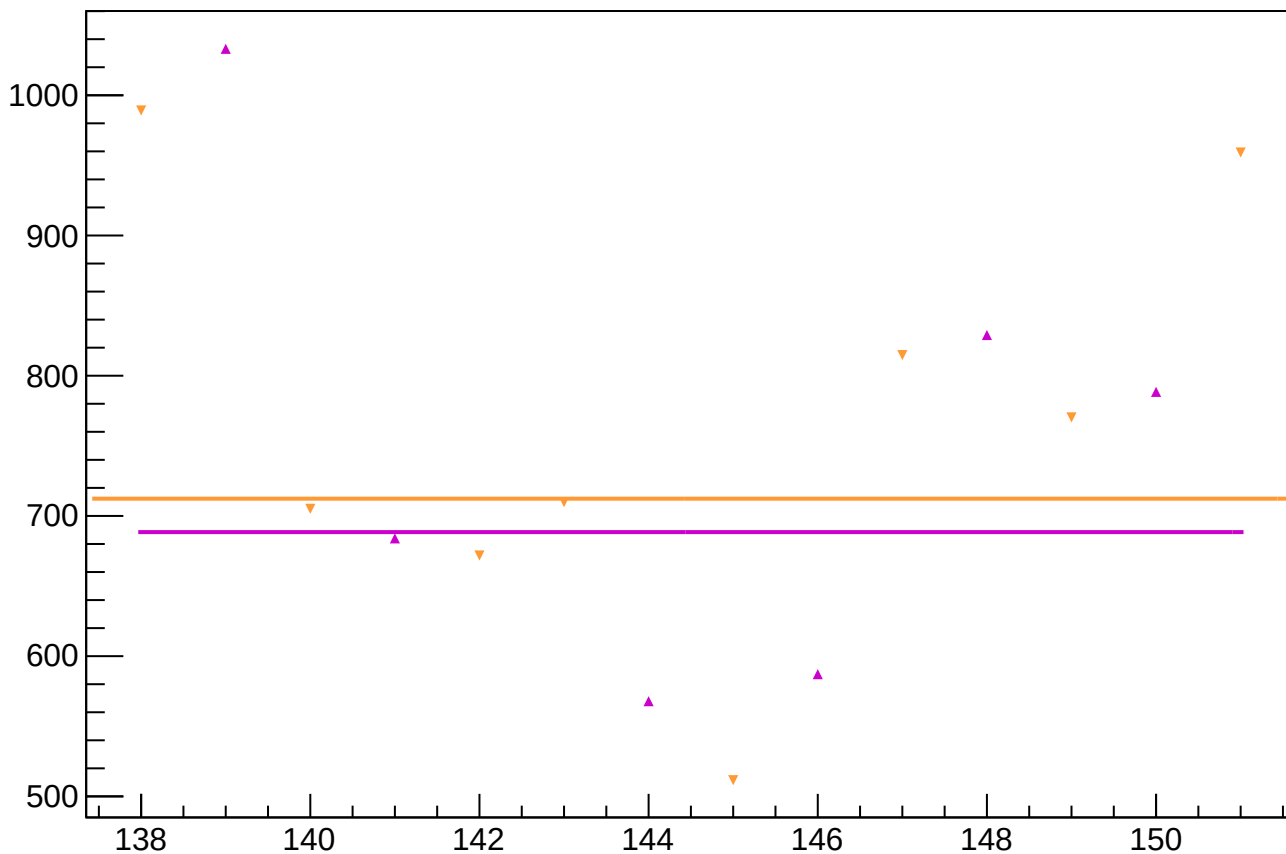
Left In: -440.779+/-315.139 χ^2/NDF : 3.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -778.782+/-218.987 χ^2/NDF : 23.8/13

- 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: 712.315+/-0.215 χ^2/NDF : 480986.7/7

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

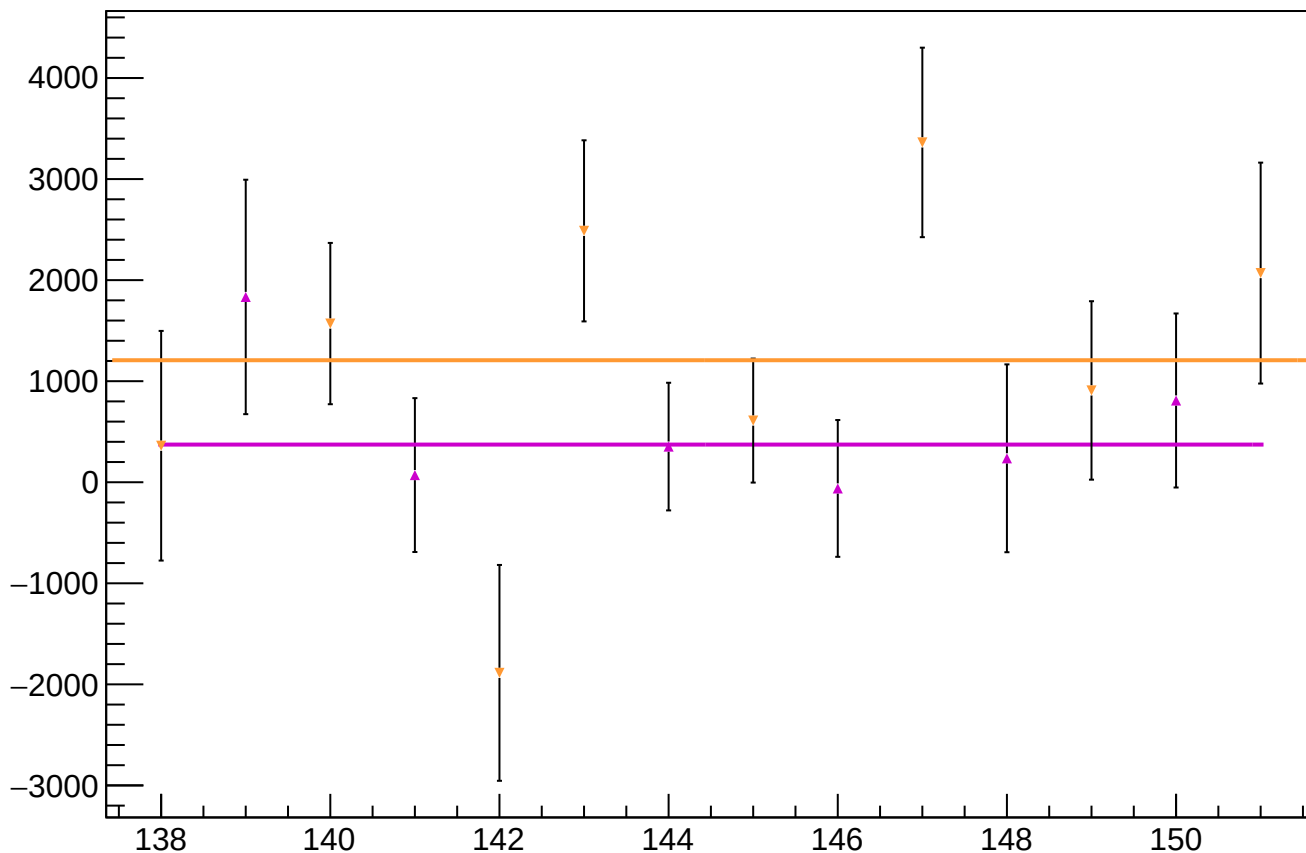
Left In: 688.473+/-0.223 χ^2/NDF : 375747.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.802+/-0.155 χ^2/NDF : 862654.0/13

- 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: 1207.400+/-310.385 χ^2/NDF : 18.2/7

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

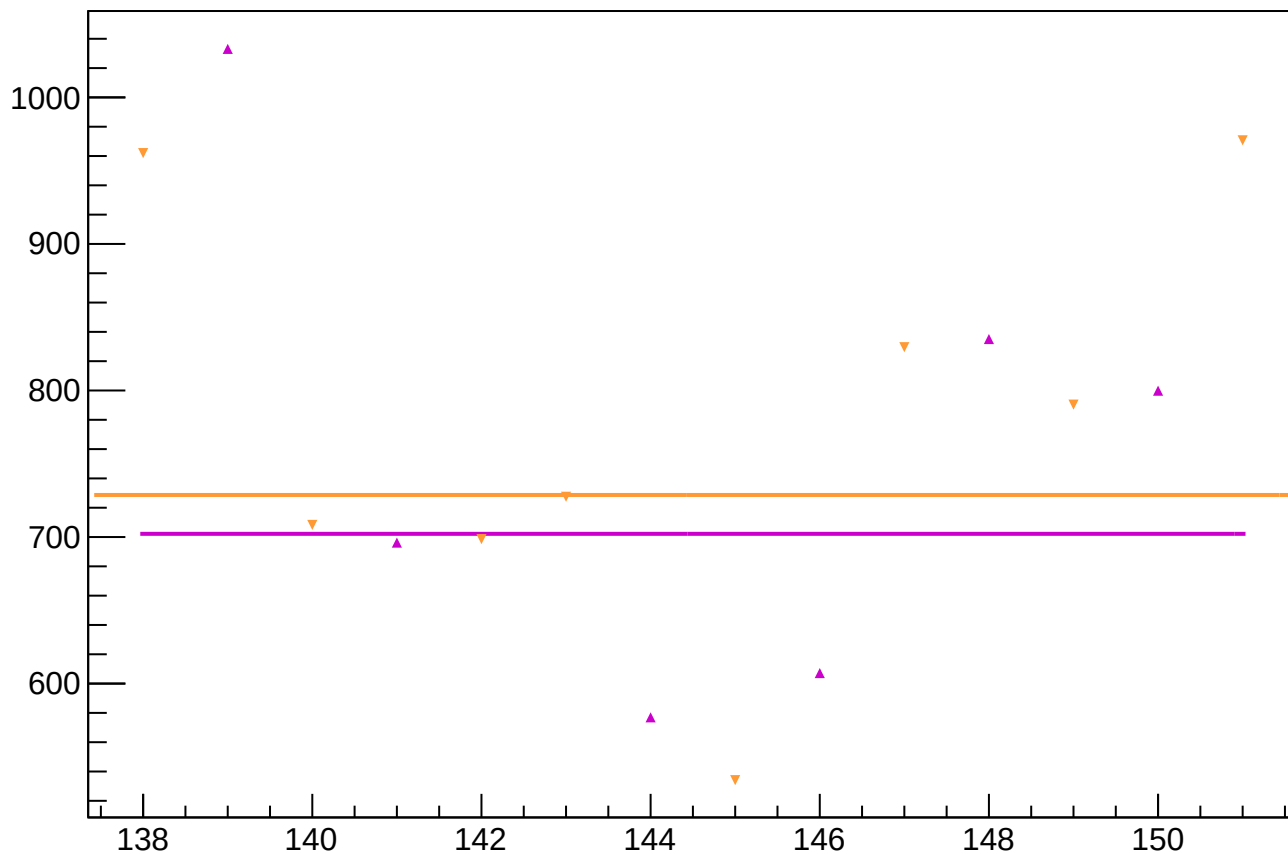
Left In: 372.672+/-321.669 χ^2/NDF : 2.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 804.933+/-223.358 χ^2/NDF : 24.1/13

- 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: 728.711+/-0.219 χ^2/NDF : 419318.5/7

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

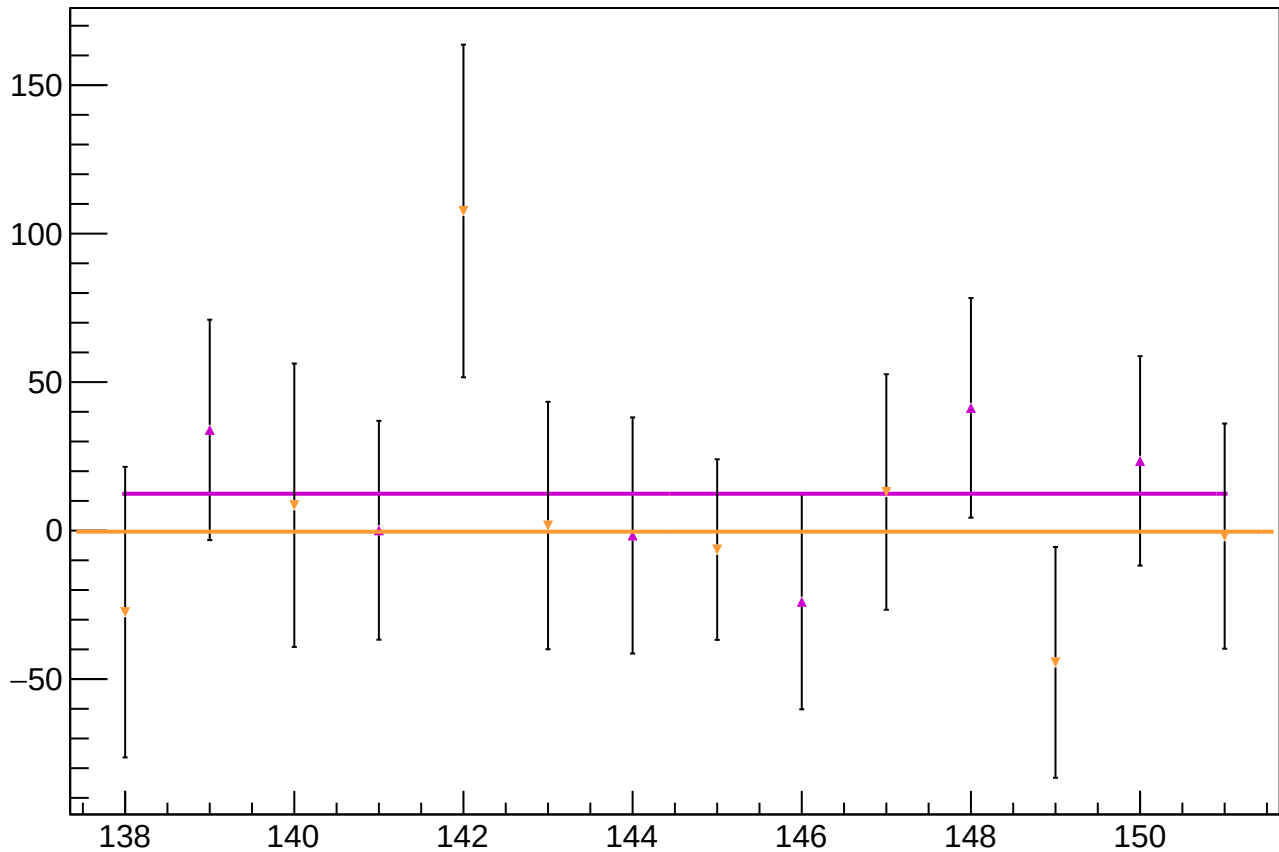
Left In: 702.190+/-0.227 χ^2/NDF : 347591.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.923+/-0.158 χ^2/NDF : 773950.6/13

- 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: -0.369+/-14.392 χ^2/NDF : 5.5/7

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

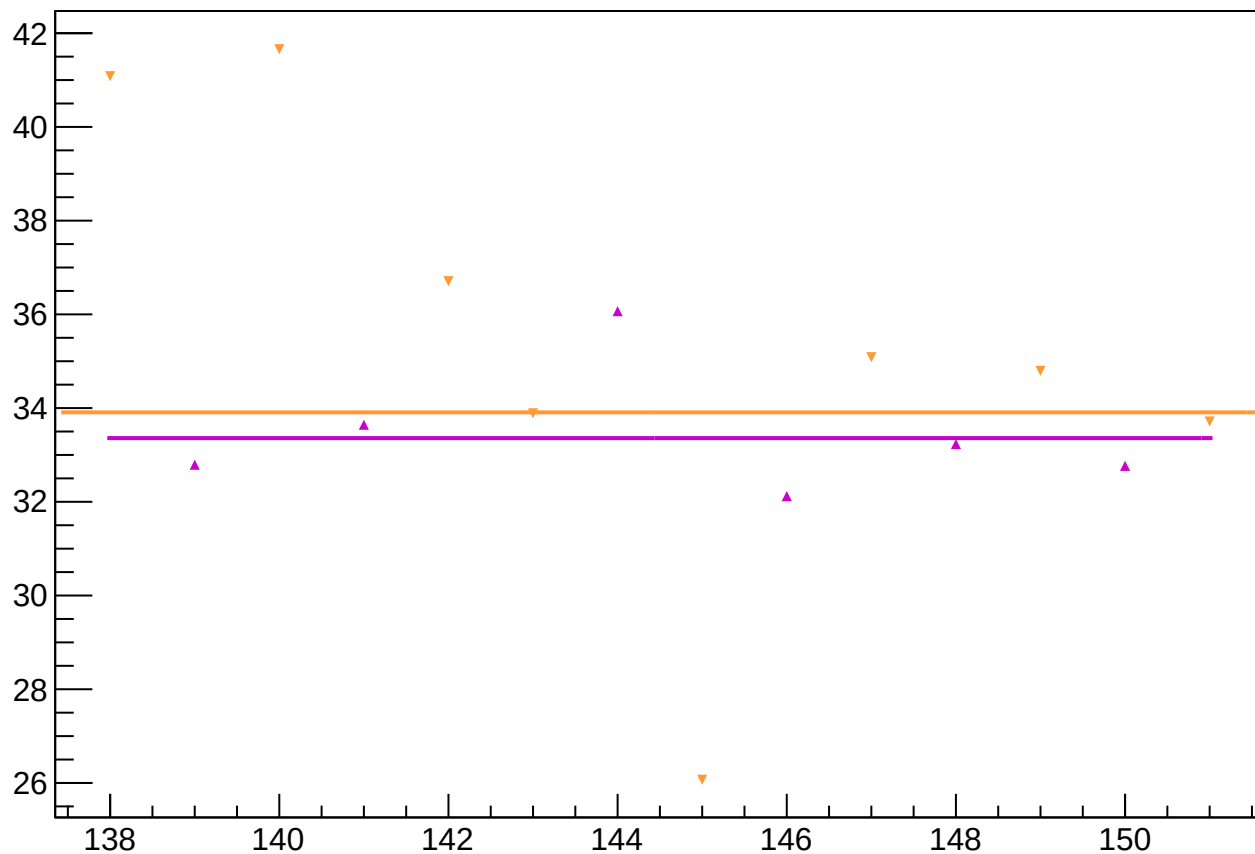
Left In: 12.413+/-15.090 χ^2/NDF : 2.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.720+/-10.415 χ^2/NDF : 8.2/13

- 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: 33.909+/-0.010 χ^2/NDF : 236613.0/7

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

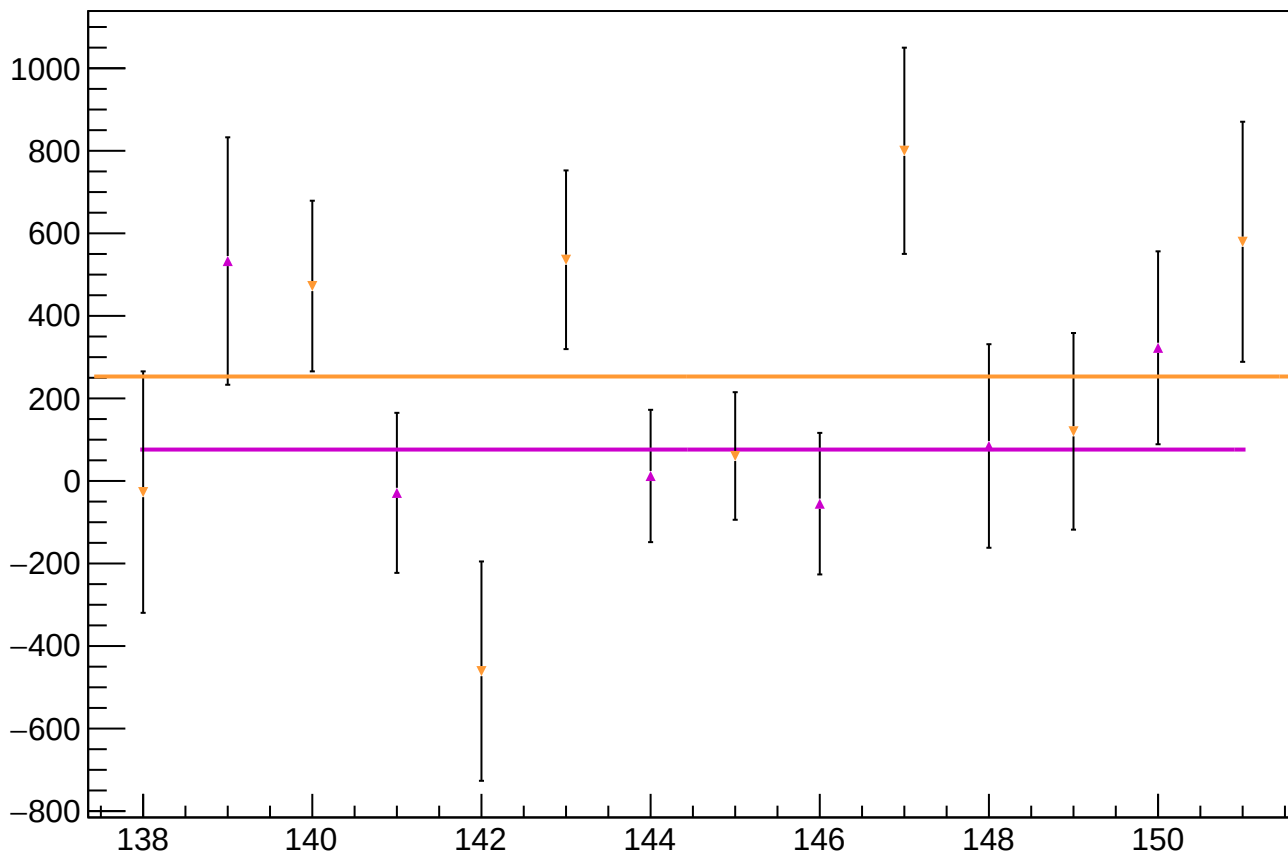
Left In: 33.360+/-0.011 χ^2/NDF : 12794.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.647+/-0.007 χ^2/NDF : 250795.2/13

- 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: 253.089+/-79.585 χ^2/NDF : 18.9/7

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

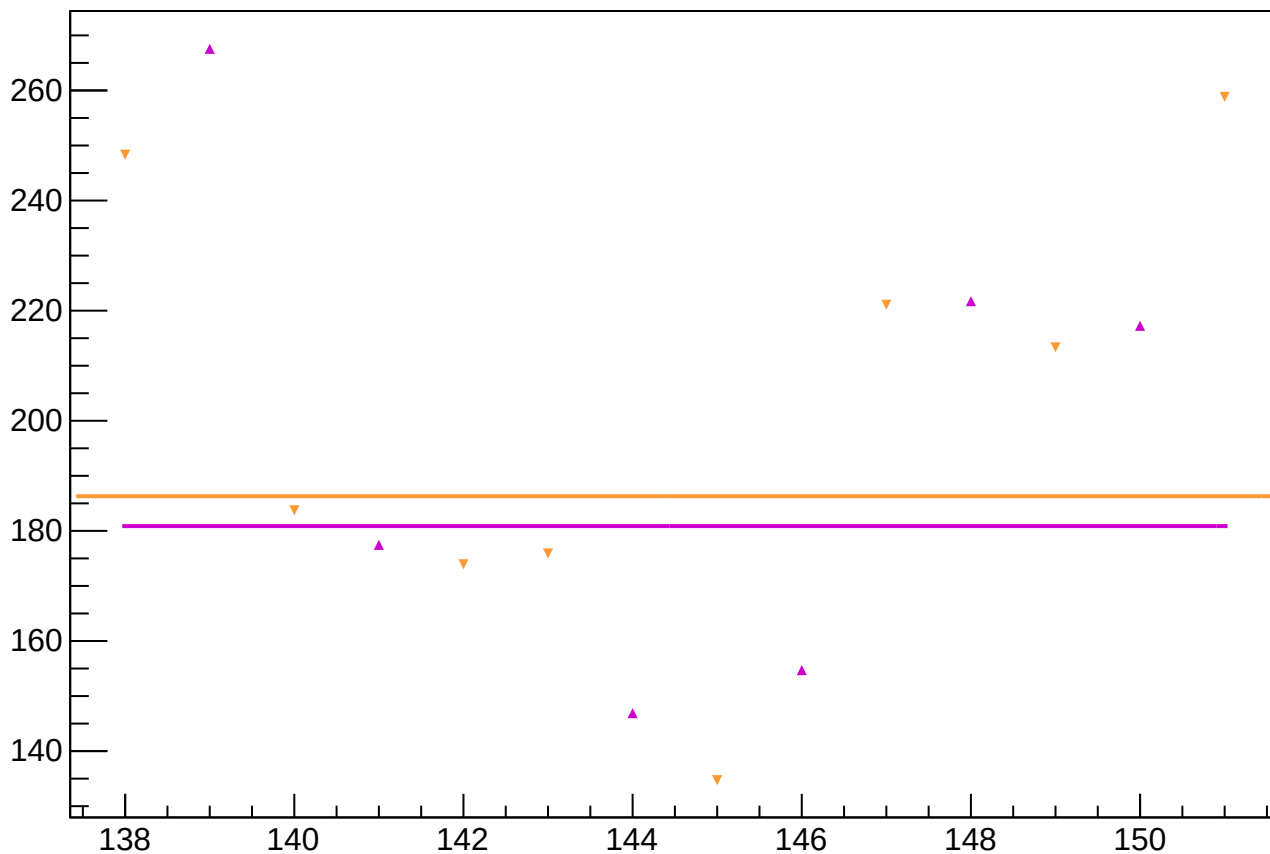
Left In: 76.068+/-82.936 χ^2/NDF : 4.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.227+/-57.423 χ^2/NDF : 25.7/13

- 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: 186.296+/-0.056 χ^2/NDF : 510765.3/7

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

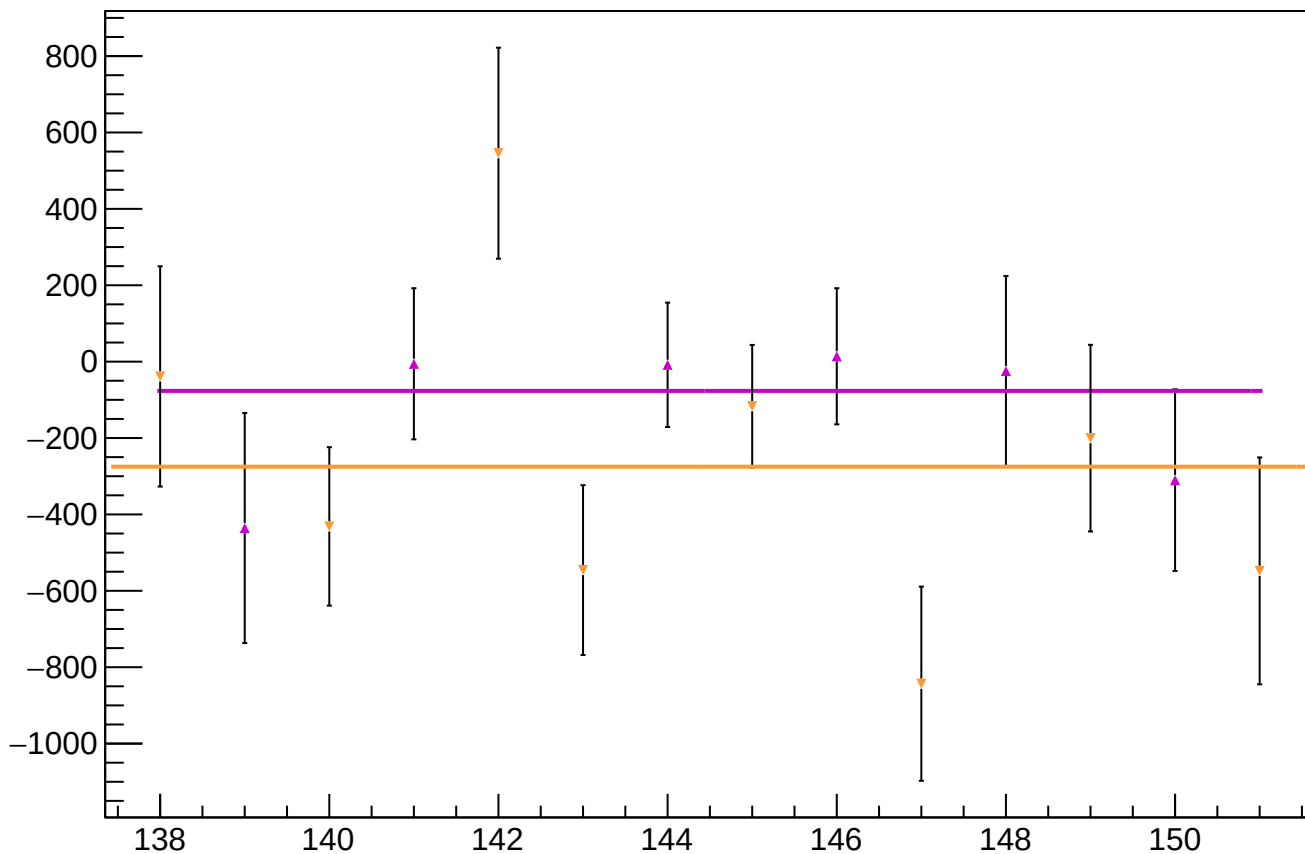
Left In: 180.868+/-0.059 χ^2/NDF : 407513.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.694+/-0.041 χ^2/NDF : 922739.1/13

- 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: -274.977+/-81.369 χ^2/NDF :18.5/7

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

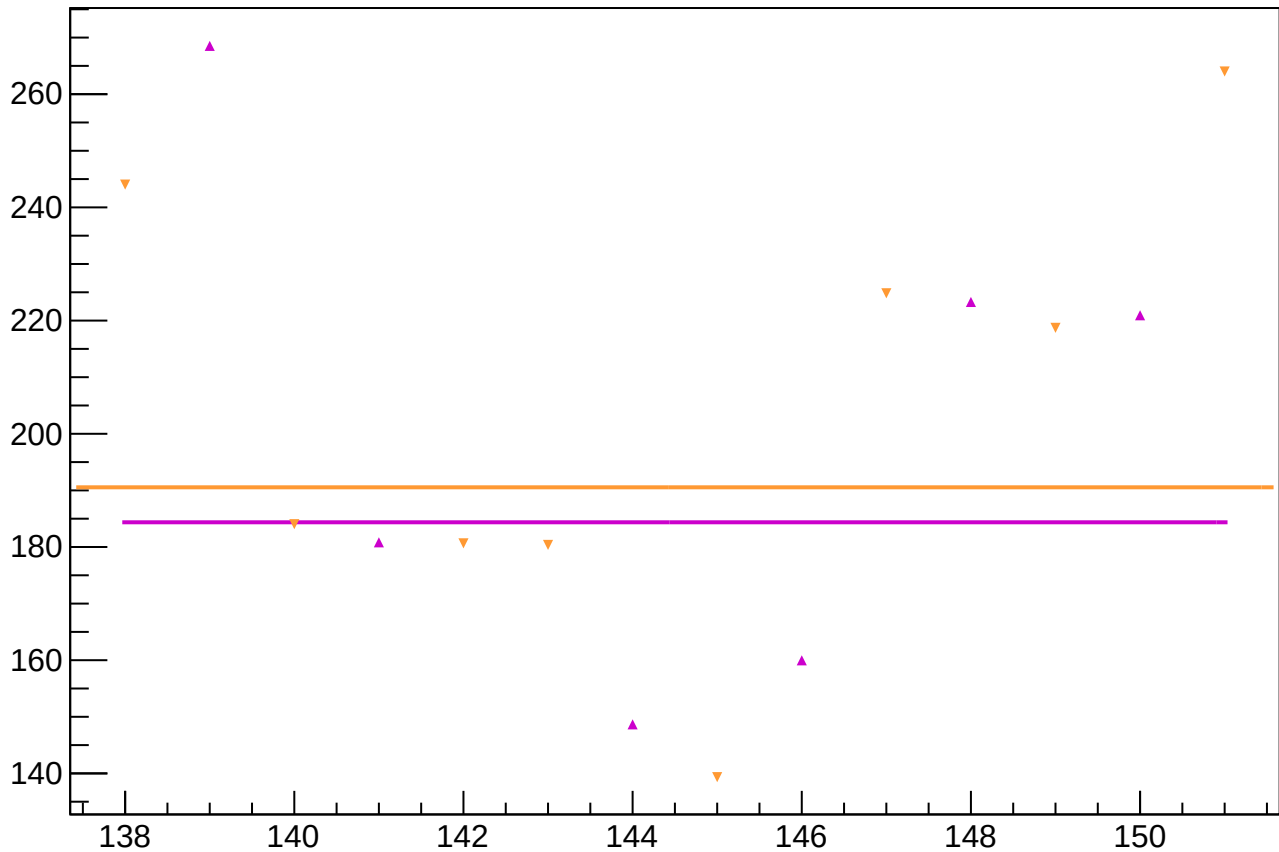
Left In: -76.559+/-84.627 χ^2/NDF :3.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.662+/-58.655 χ^2/NDF : 24.3/13

- 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: 190.544+/-0.058 χ^2/NDF : 466734.7/7

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

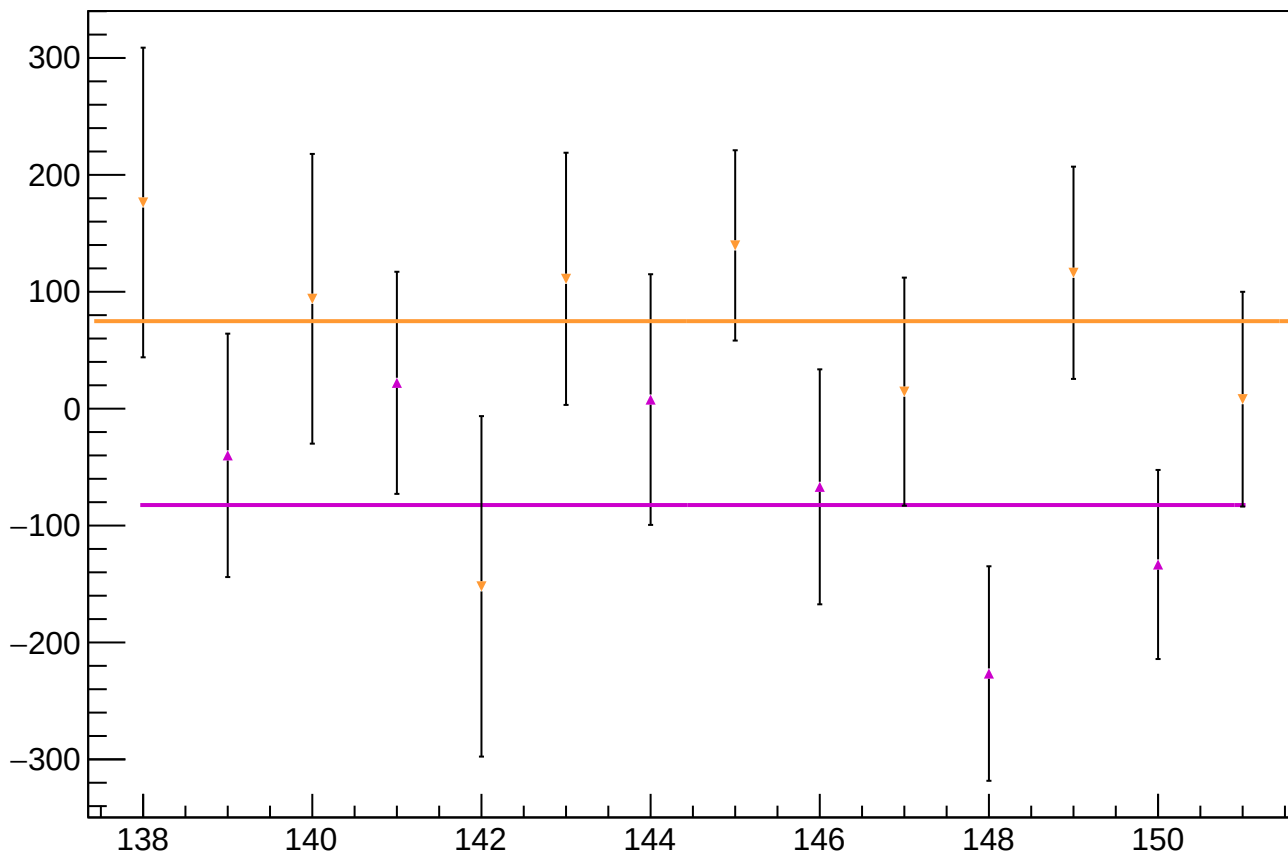
Left In: 184.364+/-0.060 χ^2/NDF : 386672.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.575+/-0.041 χ^2/NDF : 858948.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 74.862+/-36.490 χ^2/NDF : 4.9/7

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

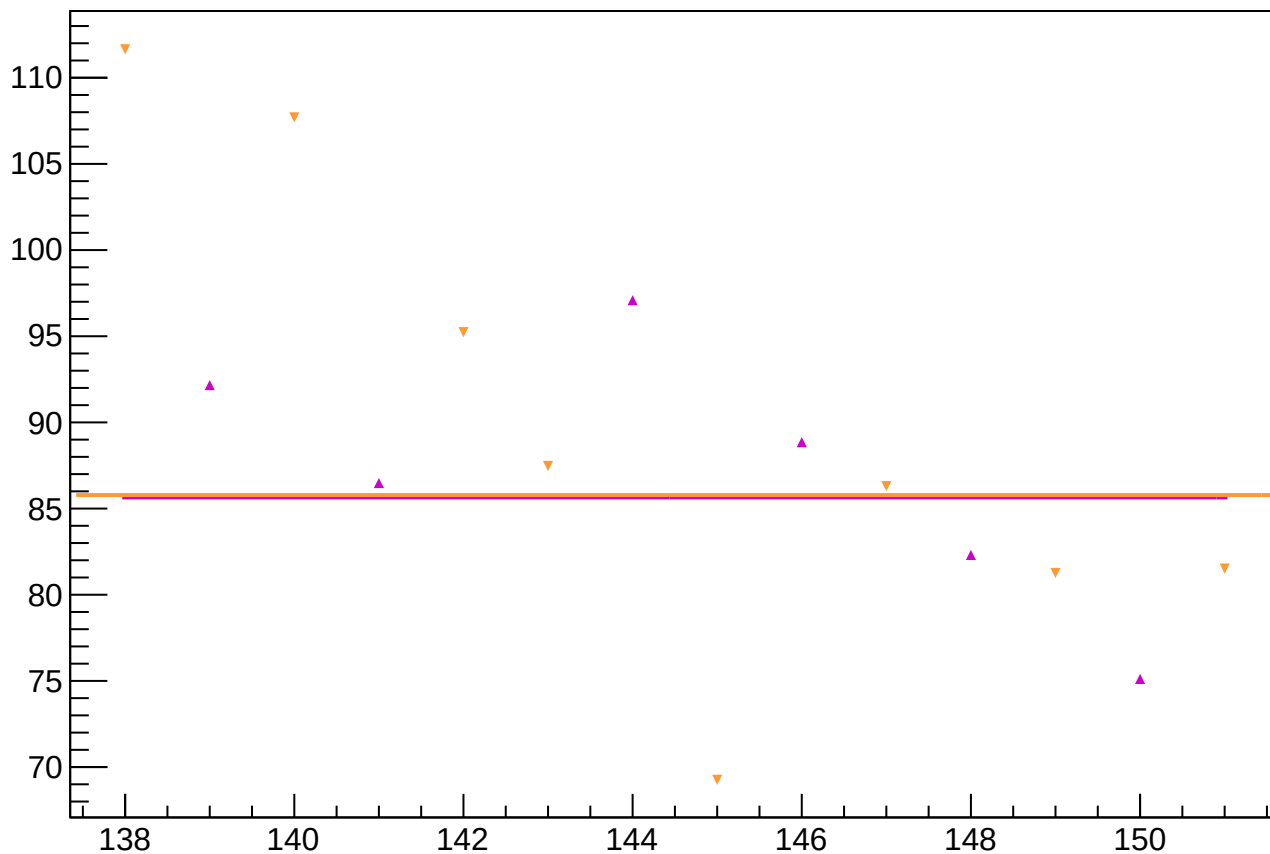
Left In: -82.438+/-38.905 χ^2/NDF : 5.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.246+/-26.615 χ^2/NDF : 18.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 85.784+/-0.026 χ^2/NDF : 239482.8/7

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

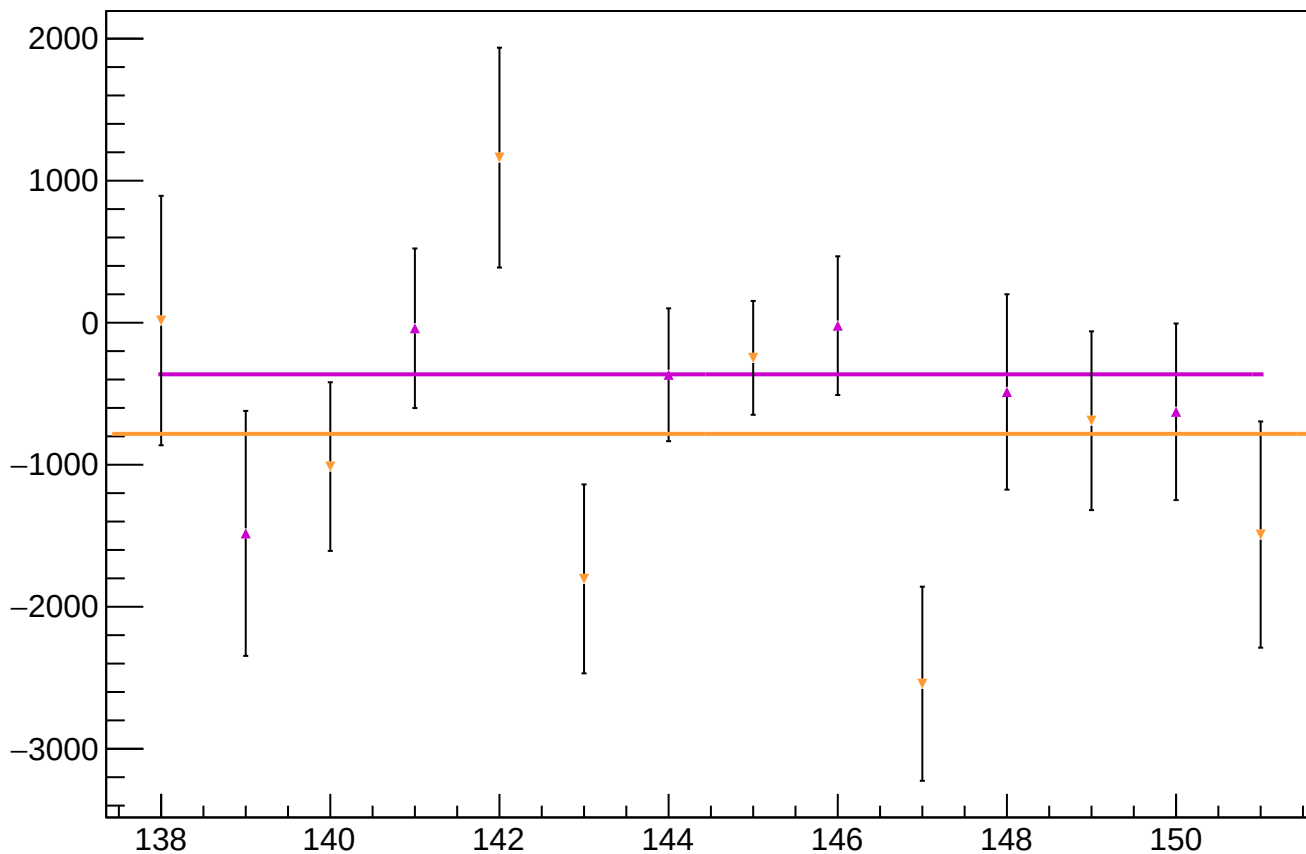
Left In: 85.647+/-0.028 χ^2/NDF : 69369.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.720+/-0.019 χ^2/NDF : 308865.2/13

- 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: -782.529+/-220.692 χ^2/NDF : 18.9/7

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

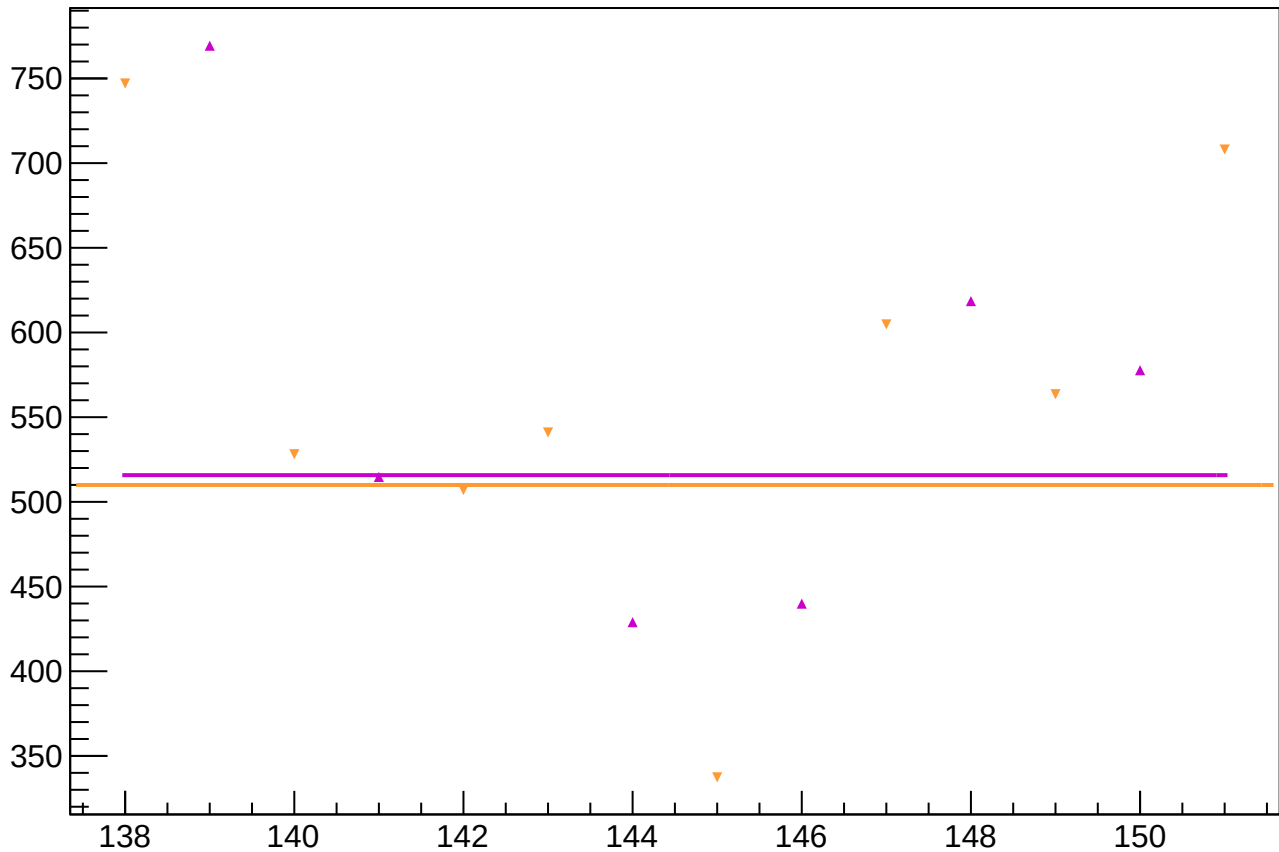
Left In: -363.435+/-235.841 χ^2/NDF : 2.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -586.873+/-161.142 χ^2/NDF : 23.3/13

- 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: 509.969+/-0.156 χ^2/NDF : 699648.4/7

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

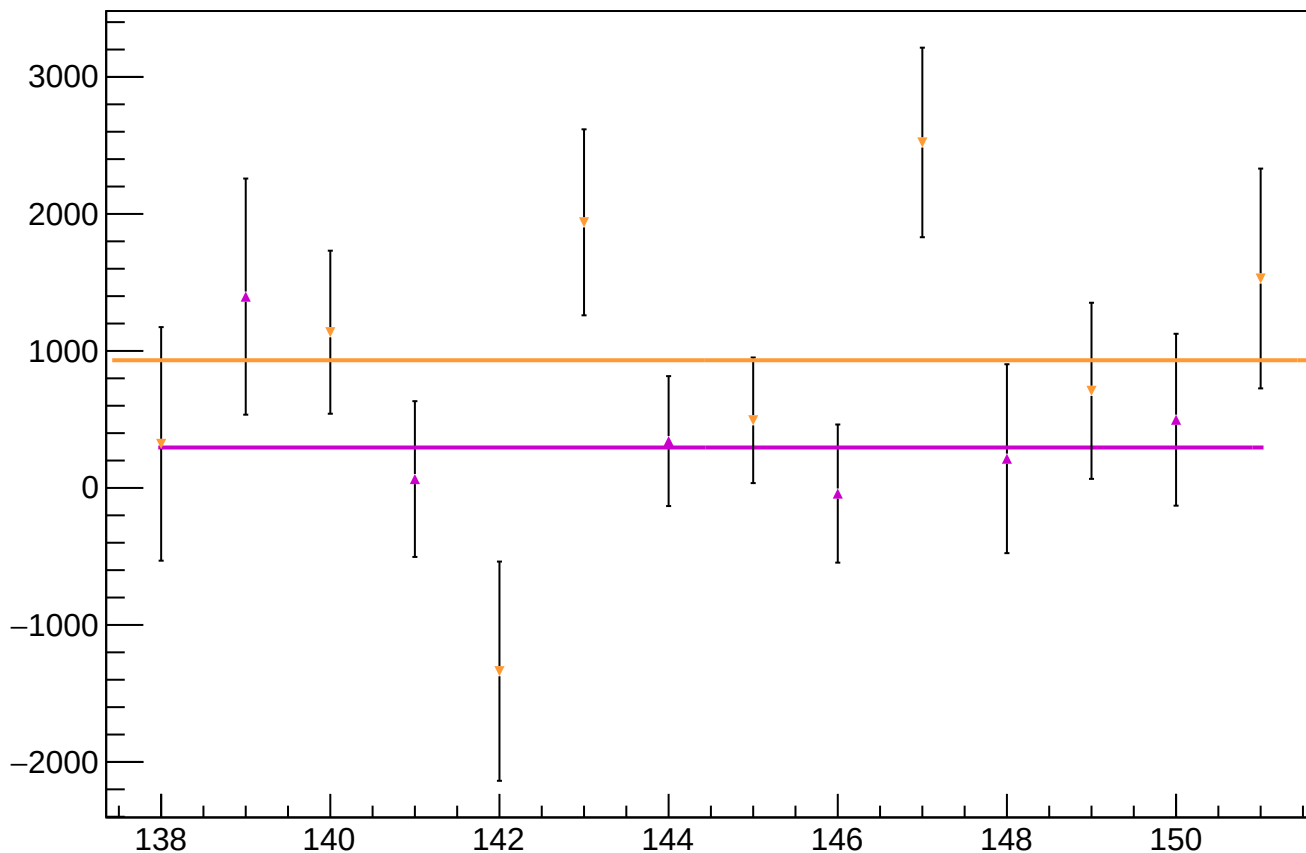
Left In: 515.778+/-0.167 χ^2/NDF : 354505.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.681+/-0.114 χ^2/NDF : 1054800.5/13

- 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: 932.065+/-230.908 χ^2/NDF :17.7/7

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

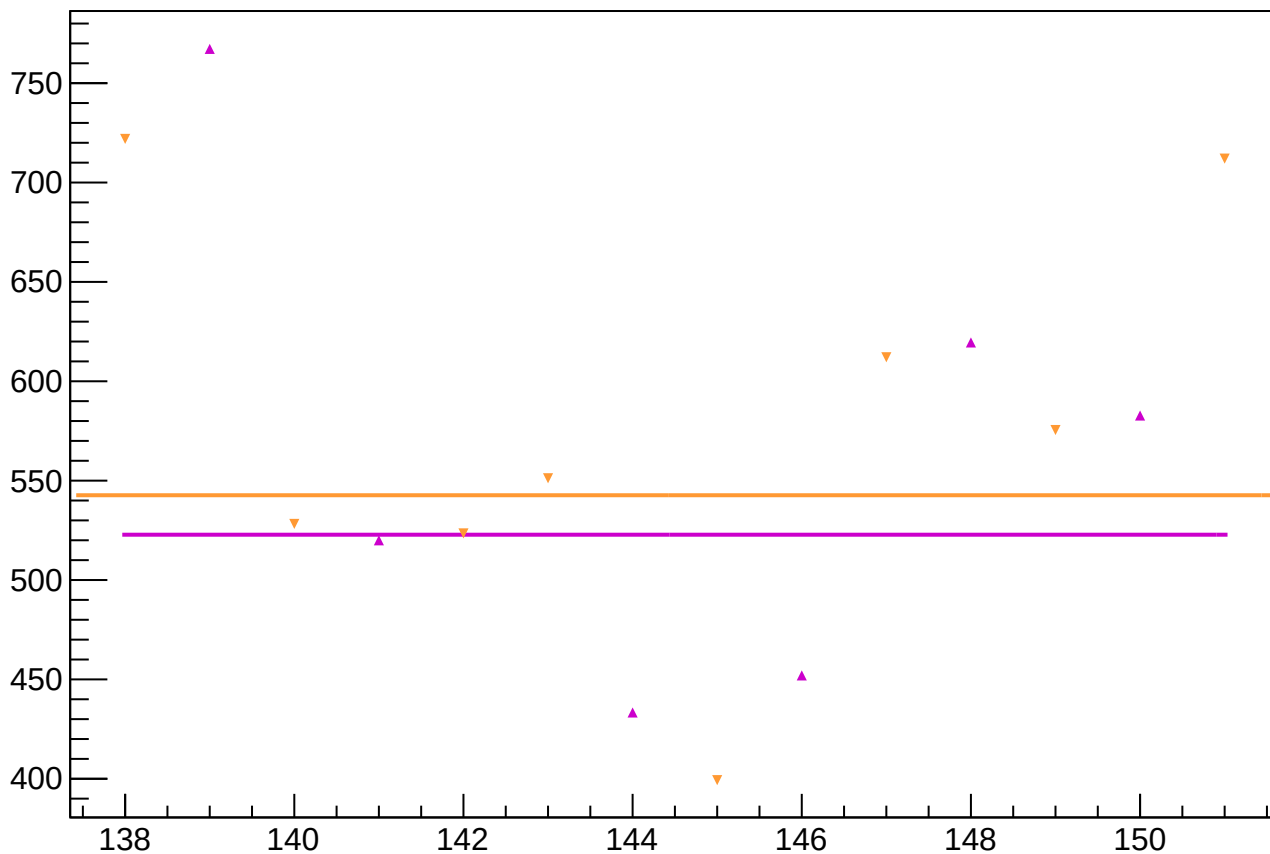
Left In: 295.103+/-239.267 χ^2/NDF :2.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.903+/-166.153 χ^2/NDF : 23.8/13

- 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: 542.658+/-0.163 χ^2/NDF : 401219.6/7

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

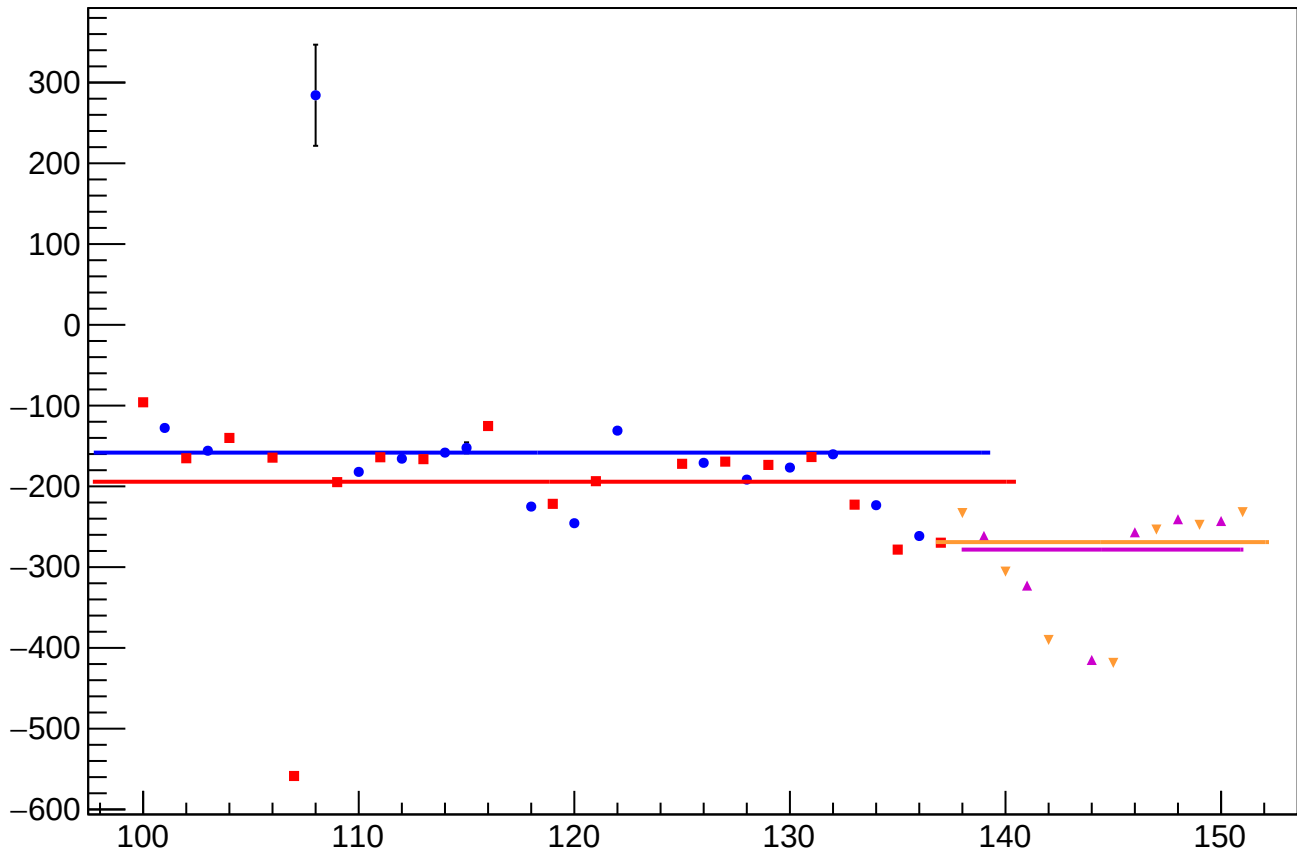
Left In: 522.799+/-0.169 χ^2/NDF : 329250.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.082+/-0.117 χ^2/NDF : 737603.8/13

- 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: -269.009+/-0.299 χ^2/NDF : 24793.9/6

Right Out: -194.268+/-0.165 χ^2/NDF : 176560.4/17

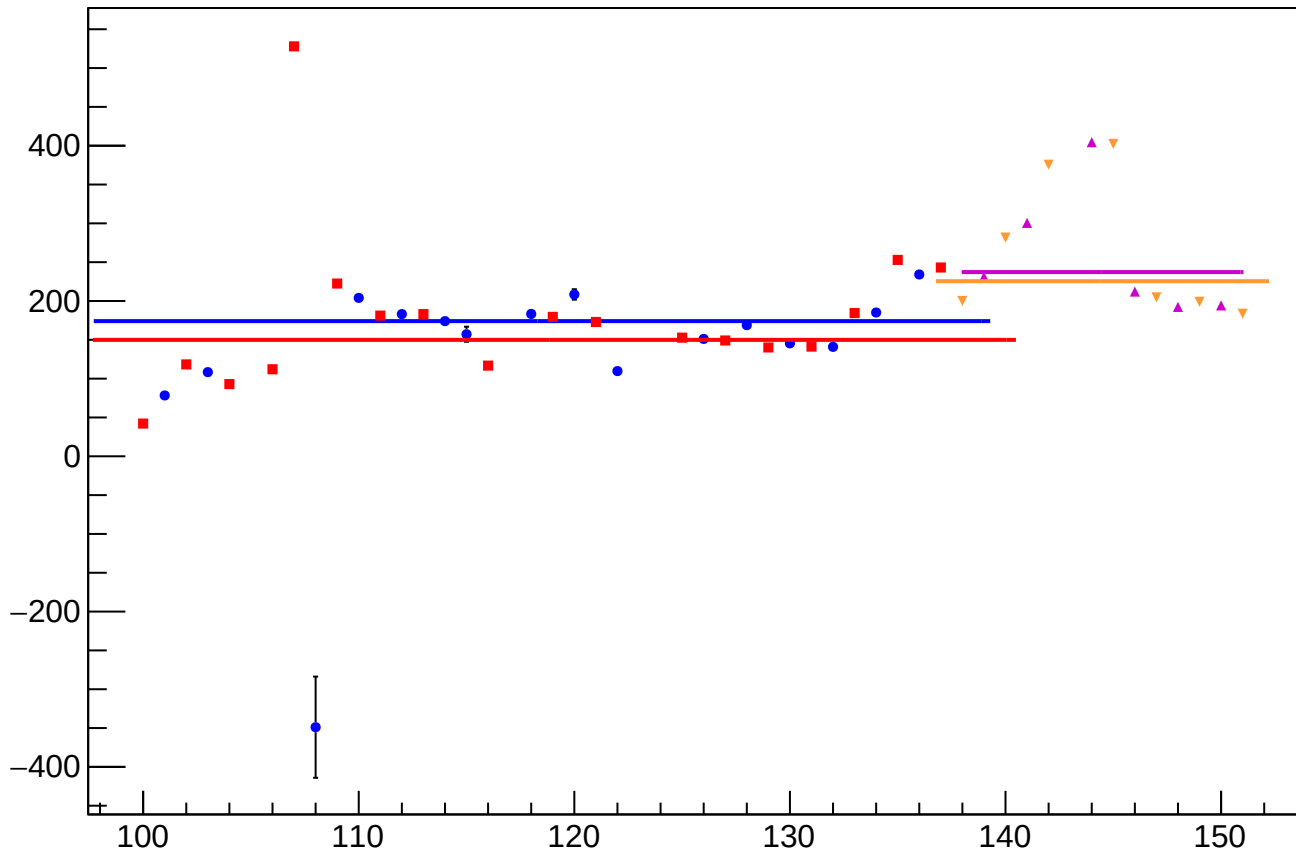
Left In: -278.295+/-0.246 χ^2/NDF : 37947.9/5

+ sign -158.222+/-0.000 χ^2/NDF : 279243.7/22

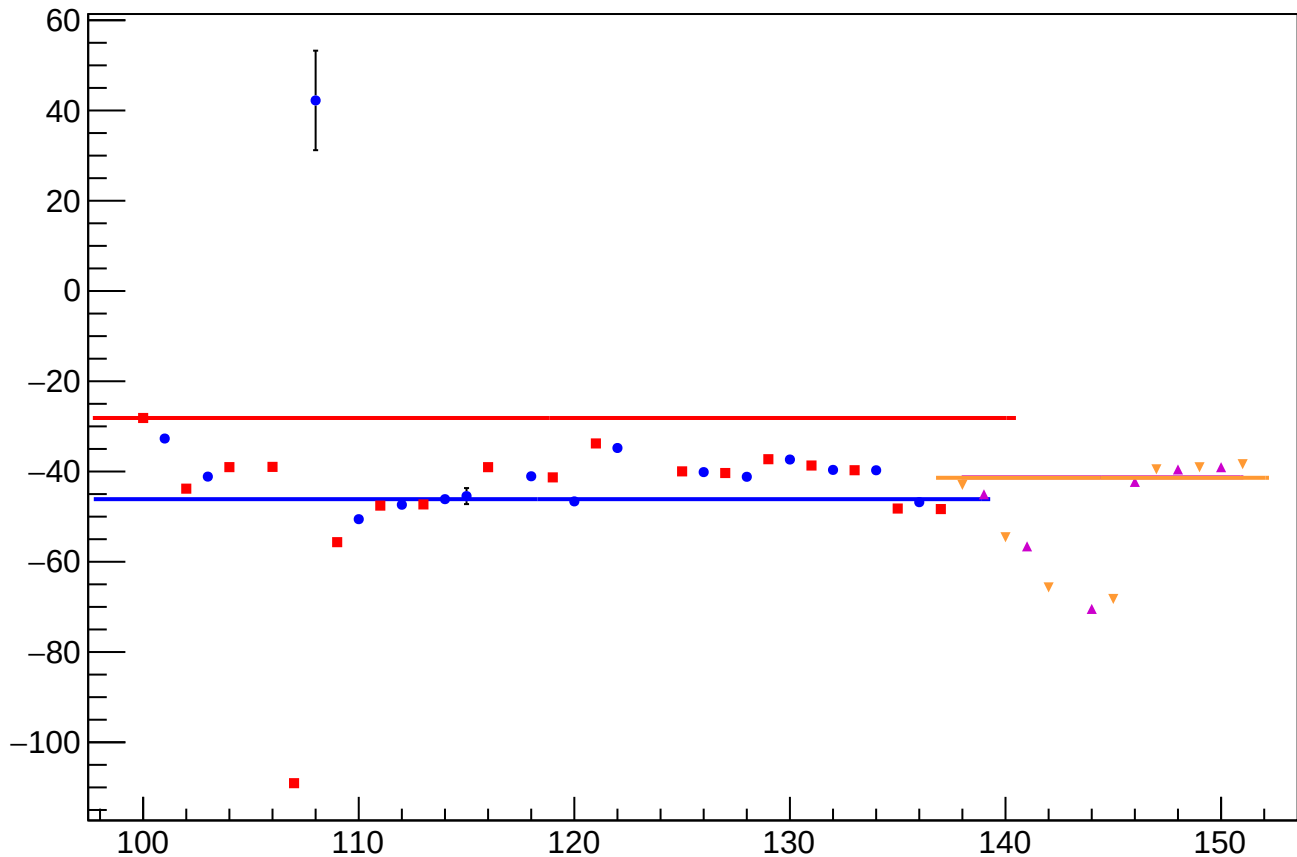
All: -158.222+/-0.000 χ^2/NDF : 780477.8/46

- sign -220.435+/-0.137 χ^2/NDF : 295129.8/23

dit_usl_4eX_slope vs Slug



dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -41.392 ± 0.013 χ^2/NDF : 83989.3/6

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

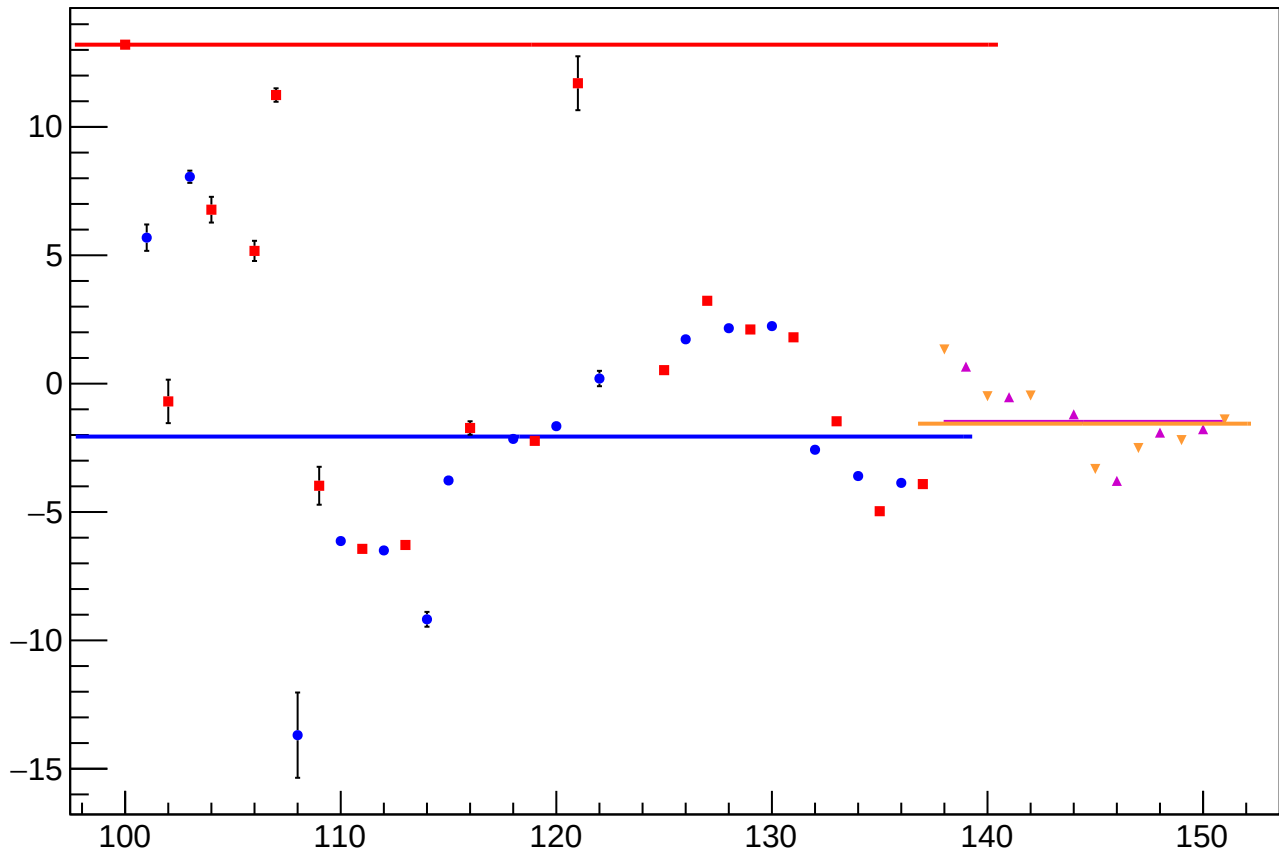
Left In: -41.290 ± 0.015 χ^2/NDF : 151173.2/5

+ sign -46.126 ± 0.000 χ^2/NDF : 422091.3/22

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

- sign -28.139 ± 0.000 χ^2/NDF : 1645789.3/23

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.559 ± 0.015 χ^2/NDF : 6921.9/6

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

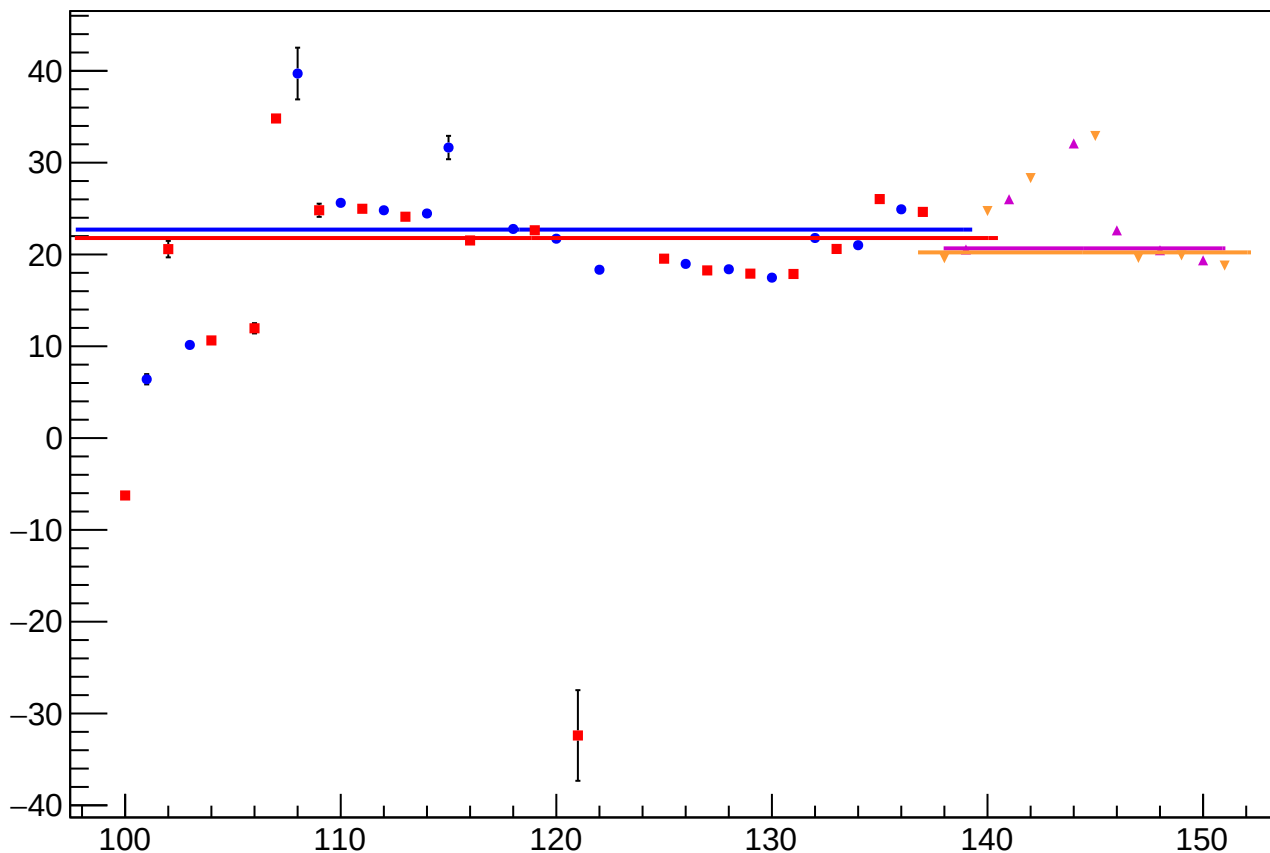
Left In: -1.490 ± 0.011 χ^2/NDF : 6077.0/5

+ sign -1.761 ± 0.011 χ^2/NDF : 33061.4/22

All: 13.204 ± 0.000 χ^2/NDF : 3977550.2/46

- sign 13.204 ± 0.000 χ^2/NDF : 2192083.1/23

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.227+/-0.019 χ^2 /NDF:14015.2/6

Right Out: 21.790+/-0.022 χ^2 /NDF: 26670.9/17

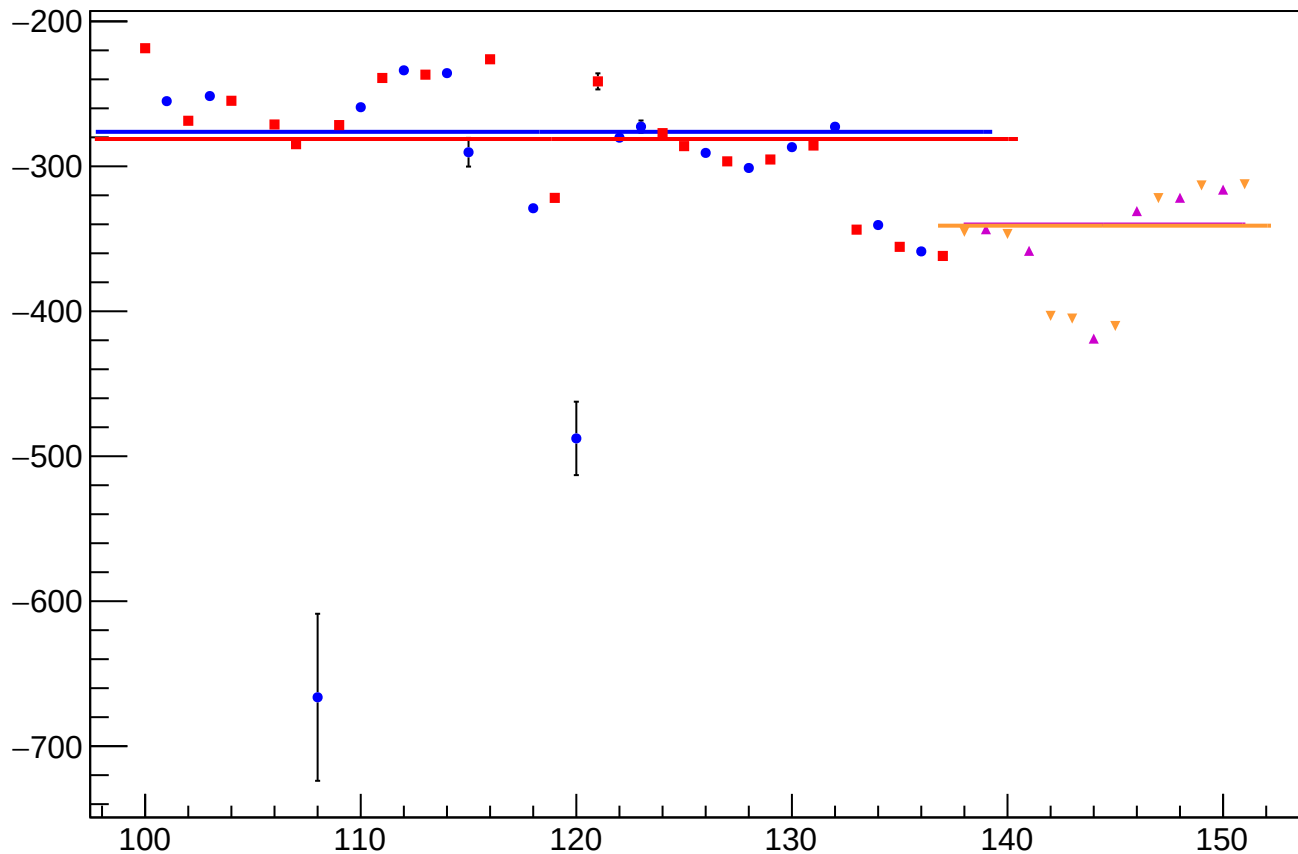
Left In: 20.665+/-0.016 χ^2 /NDF:25718.0/5

+ sign 21.514+/-0.013 χ^2 /NDF: 45235.8/22

All: 21.290+/-0.009 χ^2 /NDF: 99879.5/46

- sign 21.081+/-0.013 χ^2 /NDF: 54113.6/23

dit_usr_4aX_slope vs Slug



Right In: -276.201 $\pm$ 0.167 χ^2 /NDF: 58107.7/16

Left Out: -340.939 $\pm$ 0.210 χ^2 /NDF: 22535.0/7

Right Out: -281.150 $\pm$ 0.148 χ^2 /NDF: 77611.5/18

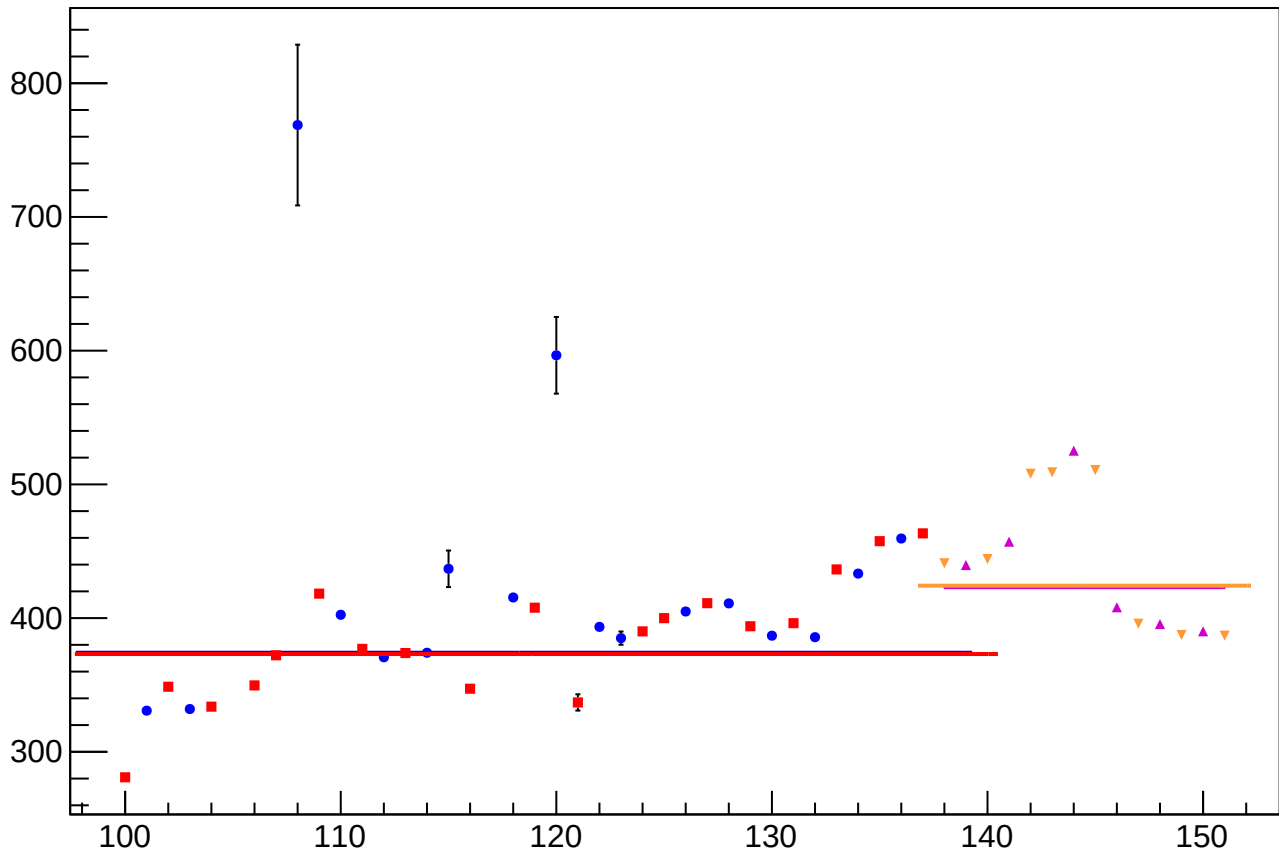
Left In: -340.148 $\pm$ 0.166 χ^2 /NDF: 25974.3/5

+ sign -301.171 $\pm$ 0.131 χ^2 /NDF: 138906.8/24

All: -304.645 $\pm$ 0.084 χ^2 /NDF: 314103.7/49

- sign -307.129 $\pm$ 0.110 χ^2 /NDF: 173982.5/24

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 424.267 $\pm$ 0.214 χ^2 /NDF: 40253.5/7

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

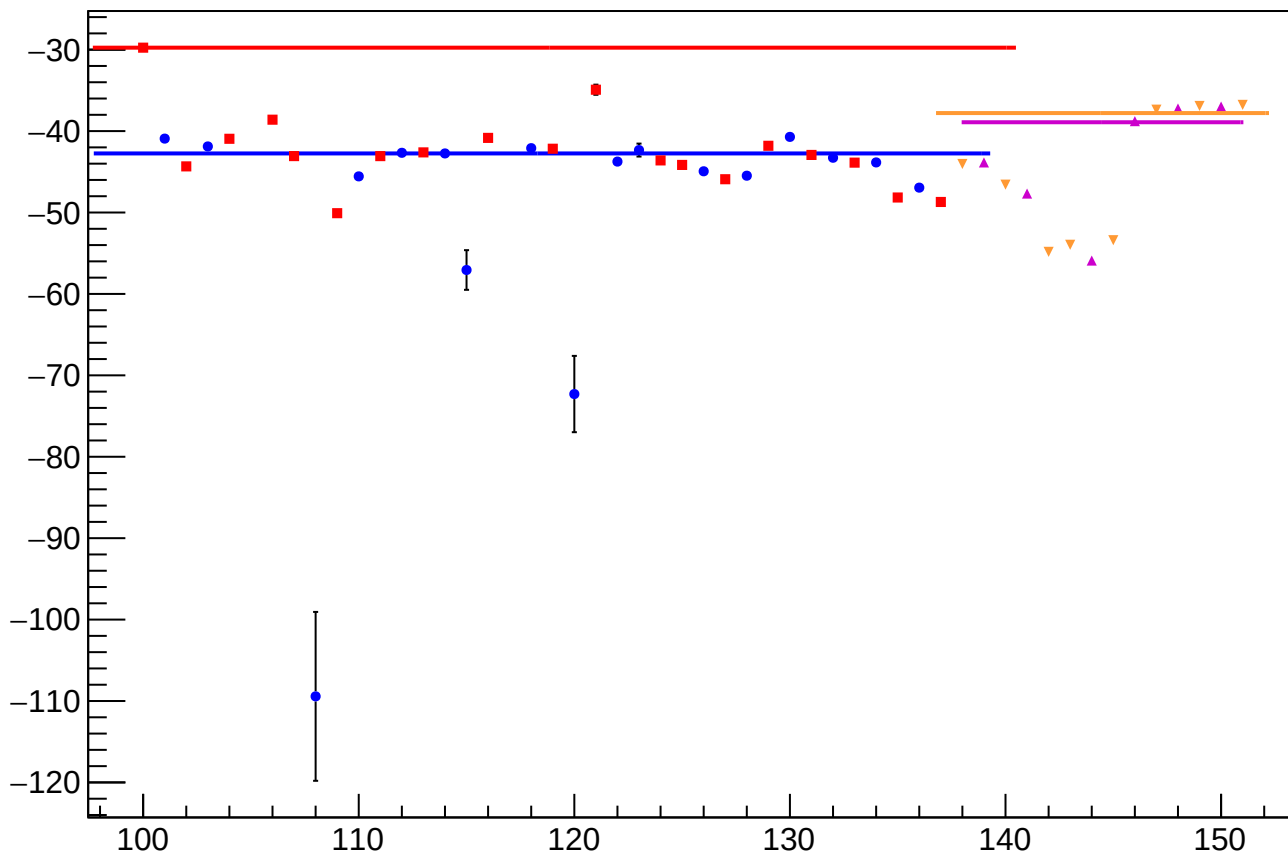
Left In: 423.147 $\pm$ 0.170 χ^2 /NDF: 44814.5/5

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 130280.7/24

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 366133.3/49

- sign 396.233 $\pm$ 0.116 χ^2 /NDF: 199341.3/24

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.786 $\pm$ 0.006 χ^2 /NDF: 248733.2/7

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

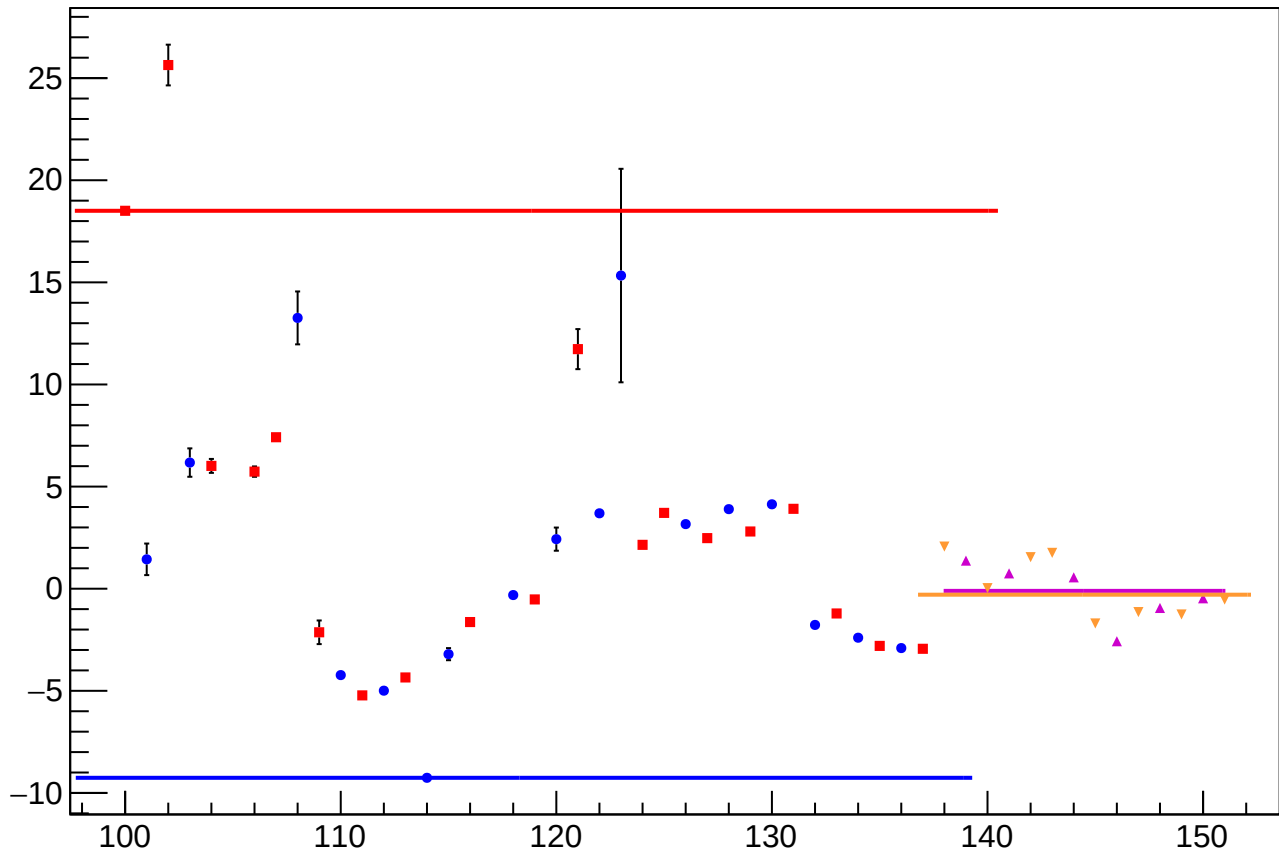
Left In: -38.914 $\pm$ 0.010 χ^2 /NDF: 130647.5/5

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 944224.4/24

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 1448750.1/24

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 405850.5/16$

Left Out: -0.293 ± 0.011 $\chi^2/\text{NDF}: 10774.5/7$

Right Out: 18.504 ± 0.000 $\chi^2/\text{NDF}: 7366781.0/18$

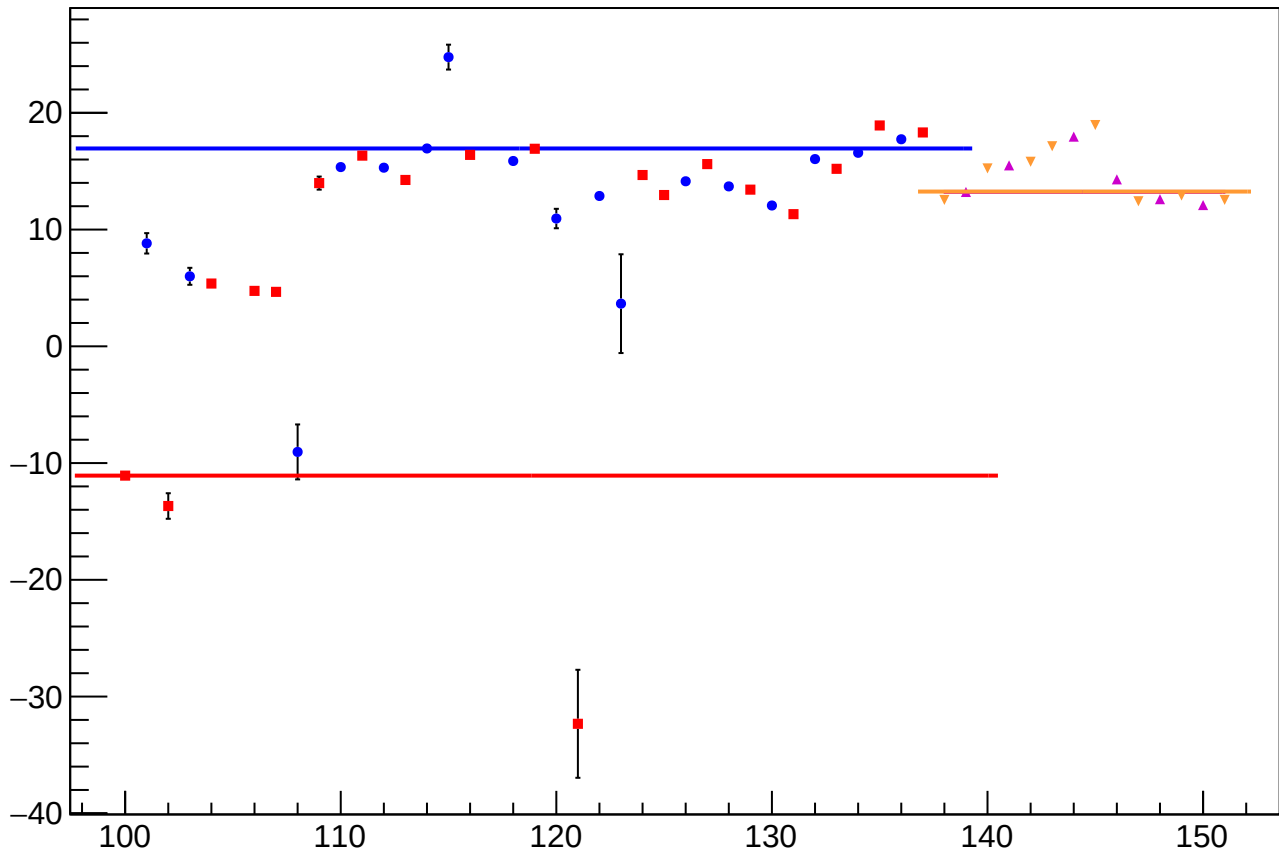
Left In: -0.106 ± 0.013 $\chi^2/\text{NDF}: 6399.7/5$

+ sign -9.259 ± 0.000 $\chi^2/\text{NDF}: 1042944.0/24$

All: 6.039 ± 0.000 $\chi^2/\text{NDF}: 1645057450595$

- sign 18.504 ± 0.000 $\chi^2/\text{NDF}: 9401995.3/24$

dit_usr_4eY_slope vs Slug



Right In: 16.947 ± 0.000 χ^2/NDF : 11231.8/16

Left Out: 13.256 ± 0.012 χ^2/NDF : 12845.8/7

Right Out: -11.075 ± 0.000 χ^2/NDF : 2712010.0/18

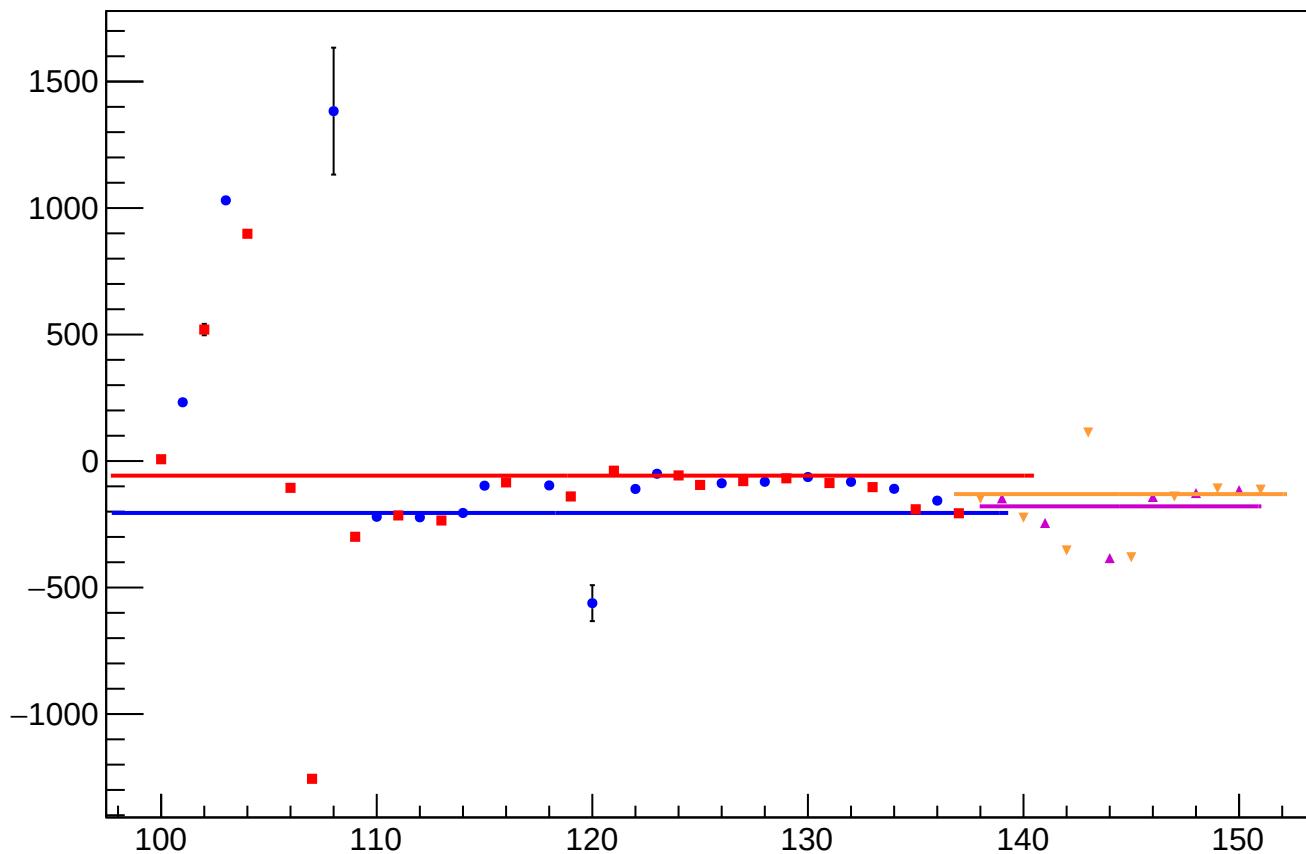
Left In: 13.223 ± 0.016 χ^2/NDF : 8638.0/5

+ sign 16.947 ± 0.000 χ^2/NDF : 115174.3/24

All: -2.268 ± 0.000 χ^2/NDF : 4692527454635

- sign -11.075 ± 0.000 χ^2/NDF : 5155099.4/24

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -130.696+/-0.390 χ^2/NDF : 42233.0/7

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

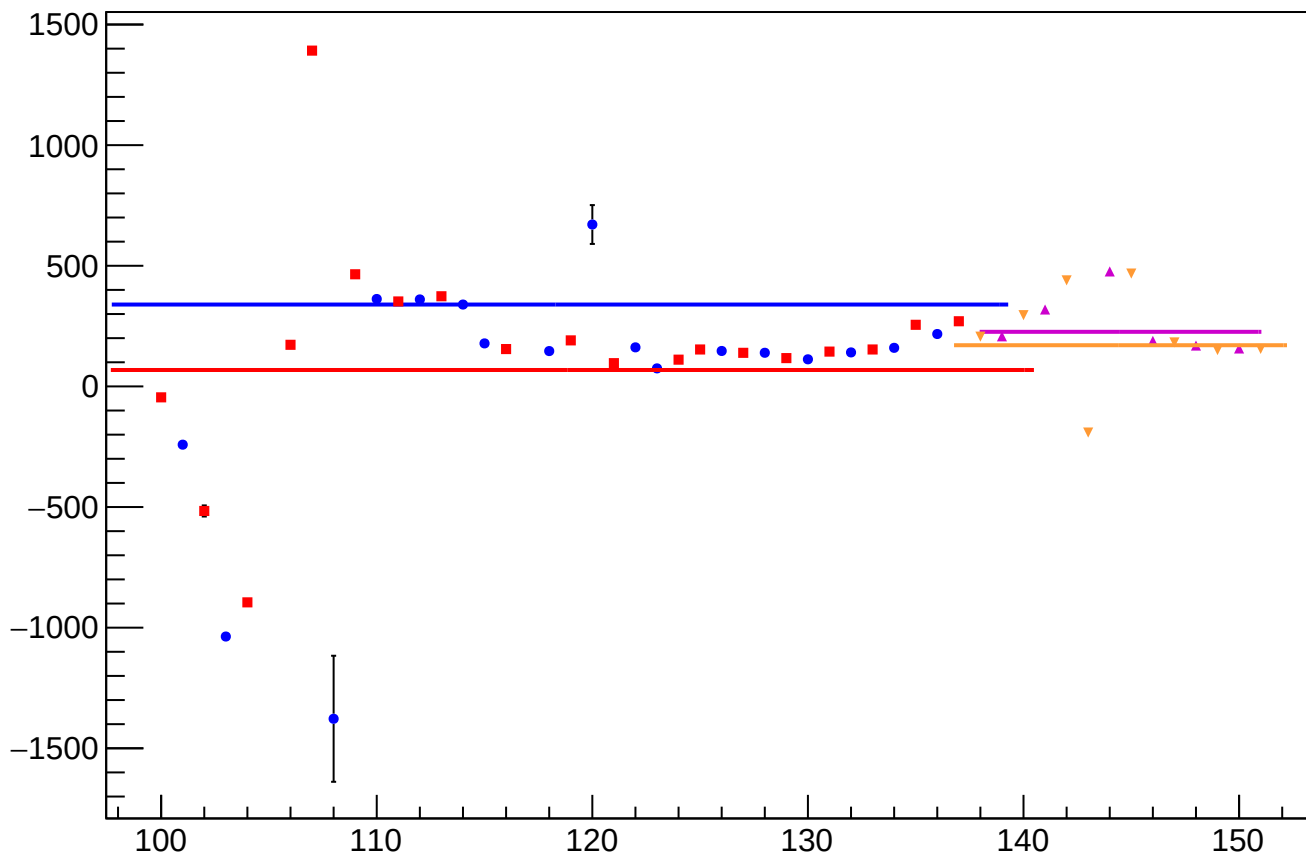
Left In: -179.074+/-0.480 χ^2/NDF : 34383.6/5

+ sign -205.160+/-0.000 χ^2/NDF : 661387.3/24

All: -205.160+/-0.000 χ^2/NDF : 1084471.7/49

- sign -89.059+/-0.244 χ^2/NDF : 196676.2/24

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 170.699+/-0.397 χ^2/NDF : 77708.2/7

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

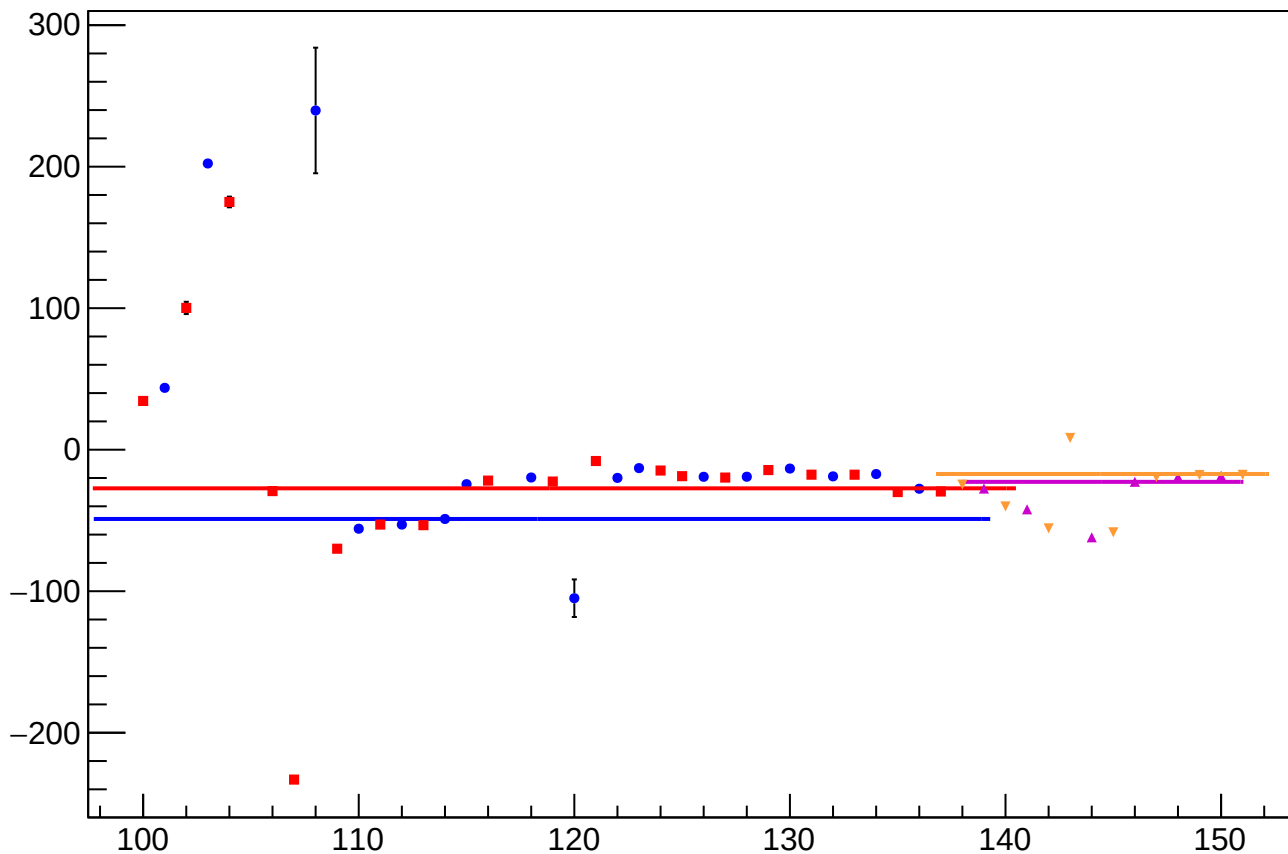
Left In: 226.251+/-0.494 χ^2/NDF : 40607.4/5

+ sign 339.325+/-0.000 χ^2/NDF : 1288809.3/24

All: 339.325+/-0.000 χ^2/NDF : 2553589.8/49

- sign 107.818+/-0.248 χ^2/NDF : 389874.6/24

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 $\pm$ 0.000 χ^2 /NDF: 5408370.4/16

Left Out: -17.158 $\pm$ 0.018 χ^2 /NDF: 528365.1/7

Right Out: -27.303 $\pm$ 0.052 χ^2 /NDF: 167879.9/18

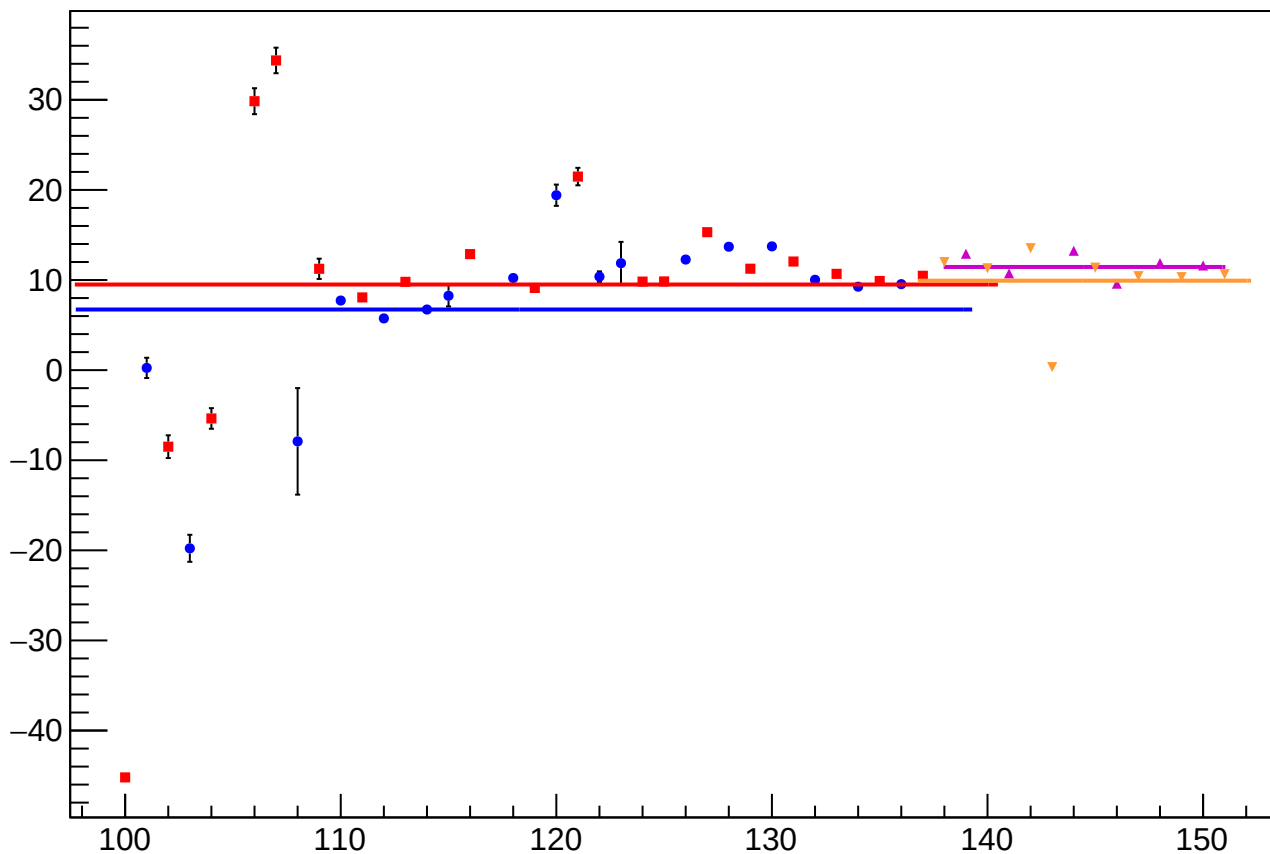
Left In: -22.728 $\pm$ 0.027 χ^2 /NDF: 116828.3/5

+ sign -48.945 $\pm$ 0.000 χ^2 /NDF: 9163251.6/24

All: -48.945 $\pm$ 0.000 χ^2 /NDF: 10579798.5/49

- sign -23.697 $\pm$ 0.024 χ^2 /NDF: 290881.9/24

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 9.929 $\pm$ 0.026 χ^2 /NDF: 20675.5/7

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

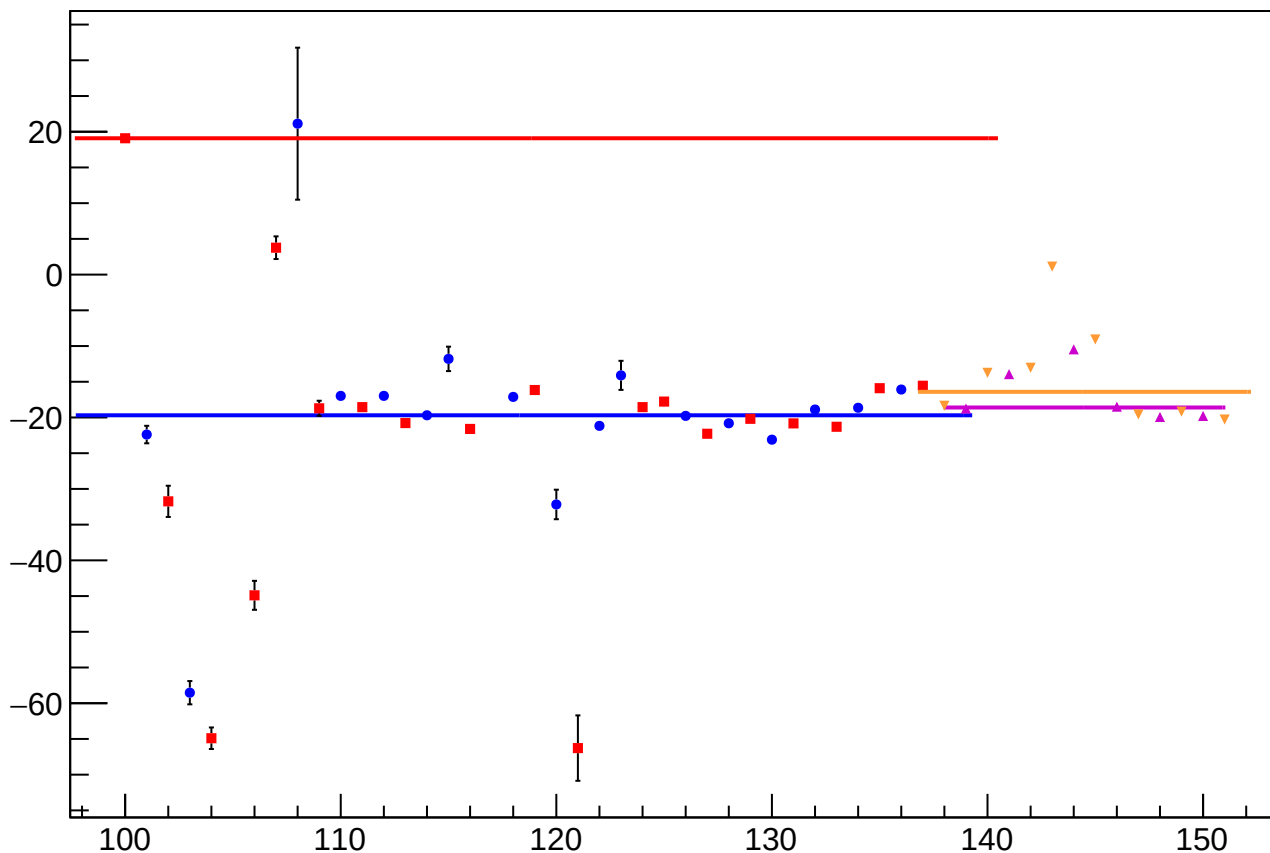
Left In: 11.451 $\pm$ 0.023 χ^2 /NDF: 2186.1/5

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 49710.0/24

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 126753.1/49

- sign 10.876 $\pm$ 0.019 χ^2 /NDF: 31118.9/24

dit_atl1_4eY_slope vs Slug



Right In: -19.693 $\pm$ 0.000 χ^2 /NDF: 7579.0/16

Left Out: -16.409 $\pm$ 0.031 χ^2 /NDF: 34880.9/7

Right Out: 19.086 $\pm$ 0.000 χ^2 /NDF: 610746.9/18

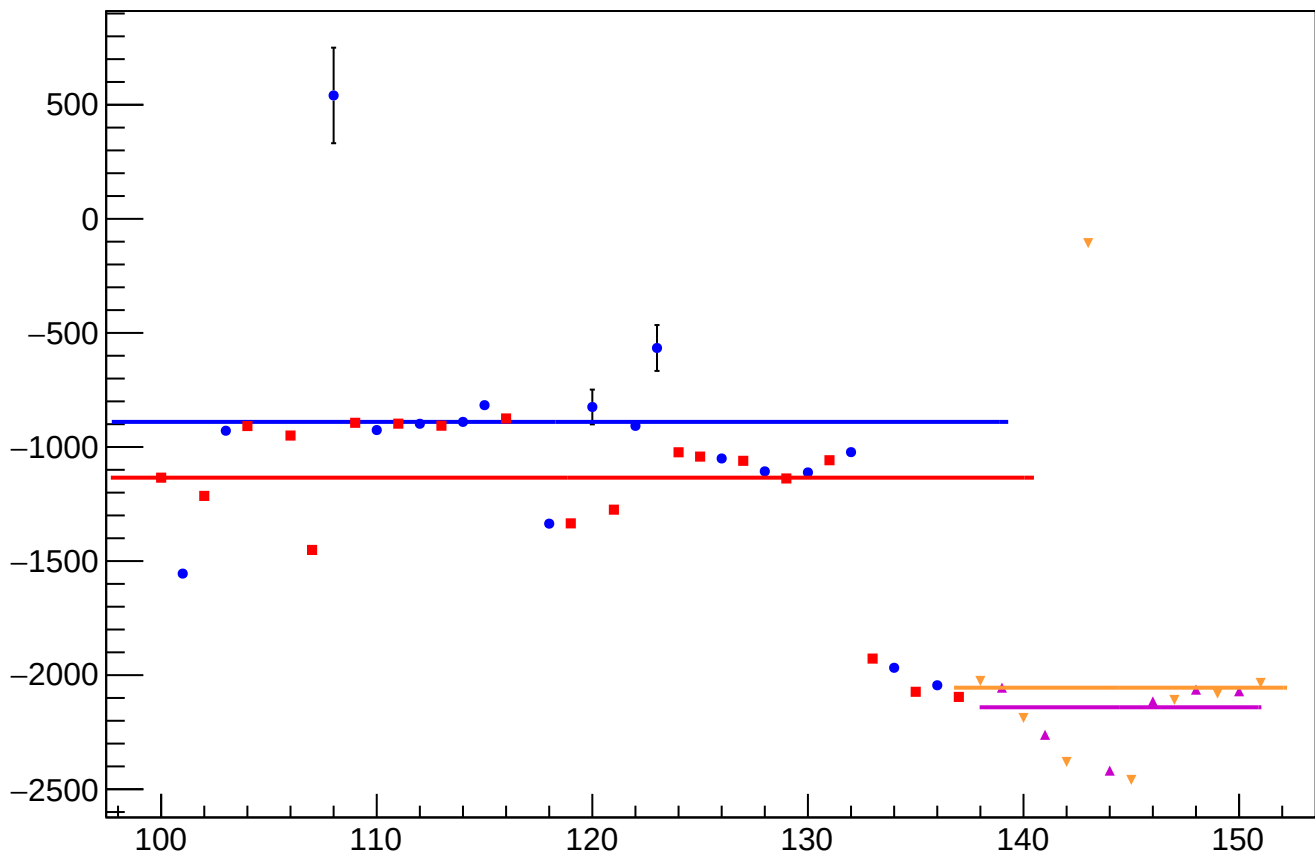
Left In: -18.603 $\pm$ 0.030 χ^2 /NDF: 5173.7/5

+ sign -19.693 $\pm$ 0.000 χ^2 /NDF: 53952.9/24

All: -6.006 $\pm$ 0.000 χ^2 /NDF: 4625637731292

- sign 19.086 $\pm$ 0.000 χ^2 /NDF: 2145315.3/24

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2054.967+/-0.711 χ^2/NDF : 255649.3/7

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

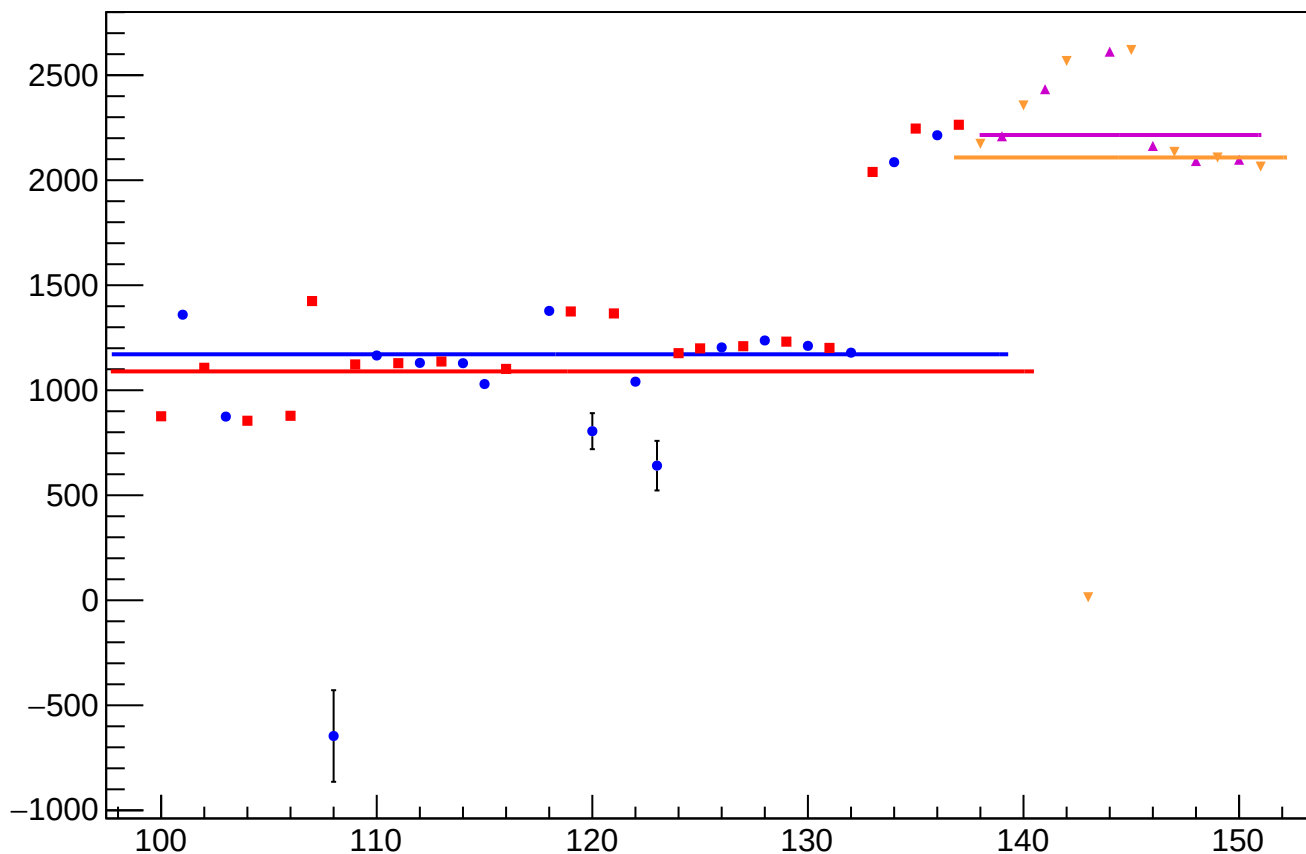
Left In: -2140.848+/-0.731 χ^2/NDF : 29934.8/5

+ sign -889.928+/-0.000 χ^2/NDF : 3717768.9/24

All: -976.220+/-0.000 χ^2/NDF : 44889787387

- sign -1134.421+/-0.000 χ^2/NDF : 2659510.8/24

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF : 508989.2/16

Left Out: 2108.287+/-0.705 χ^2/NDF : 297387.3/7

Right Out: 1089.705+/-0.253 χ^2/NDF : 1100321.6/18

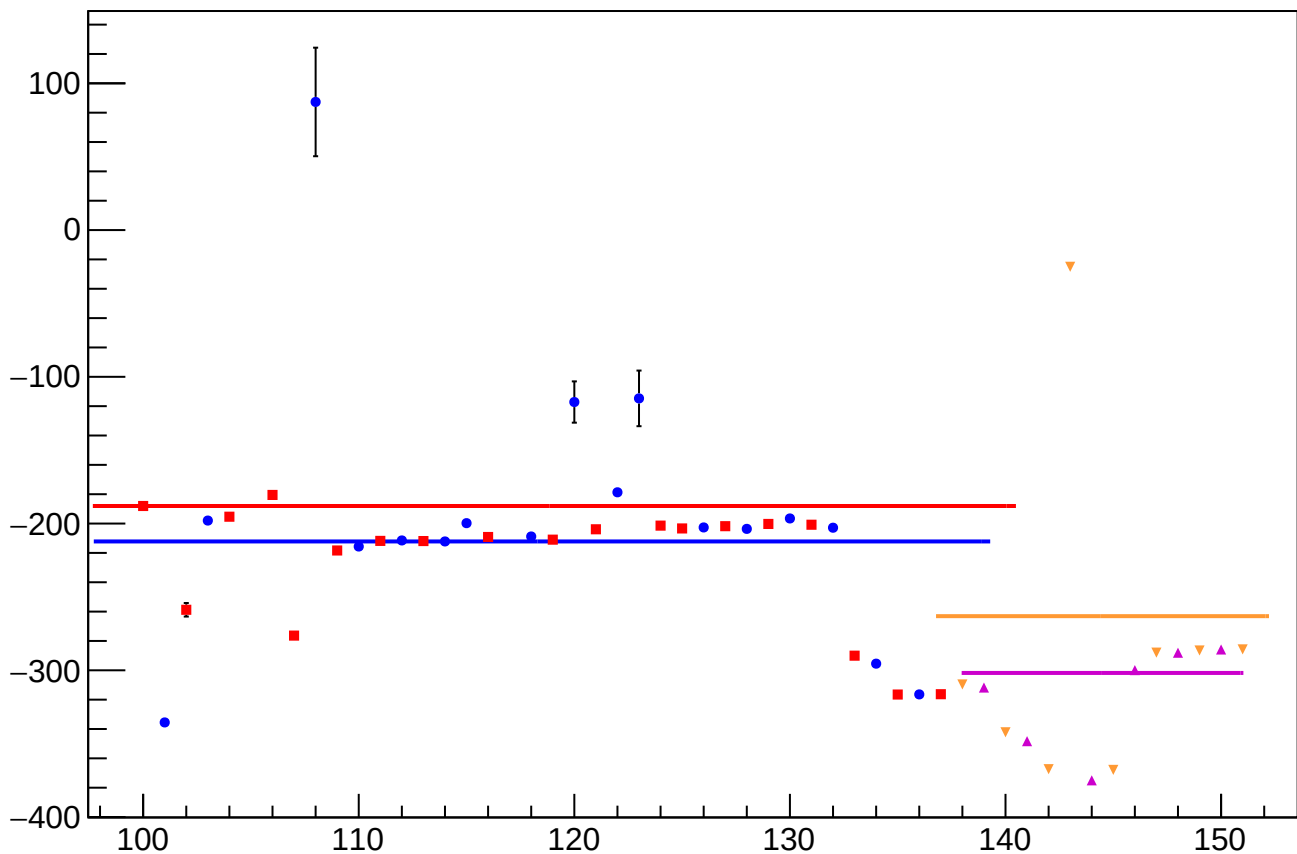
Left In: 2215.178+/-0.760 χ^2/NDF : 52007.1/5

+ sign 1272.357+/-0.232 χ^2/NDF : 2381007.8/24

All: 1238.664+/-0.167 χ^2/NDF : 5551843.2/49

- sign 1202.403+/-0.240 χ^2/NDF : 3126950.7/24

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -263.109+/-0.039 χ^2/NDF : 5383350.8/7

Right Out: -188.033+/-0.000 χ^2/NDF : 602264.3/18

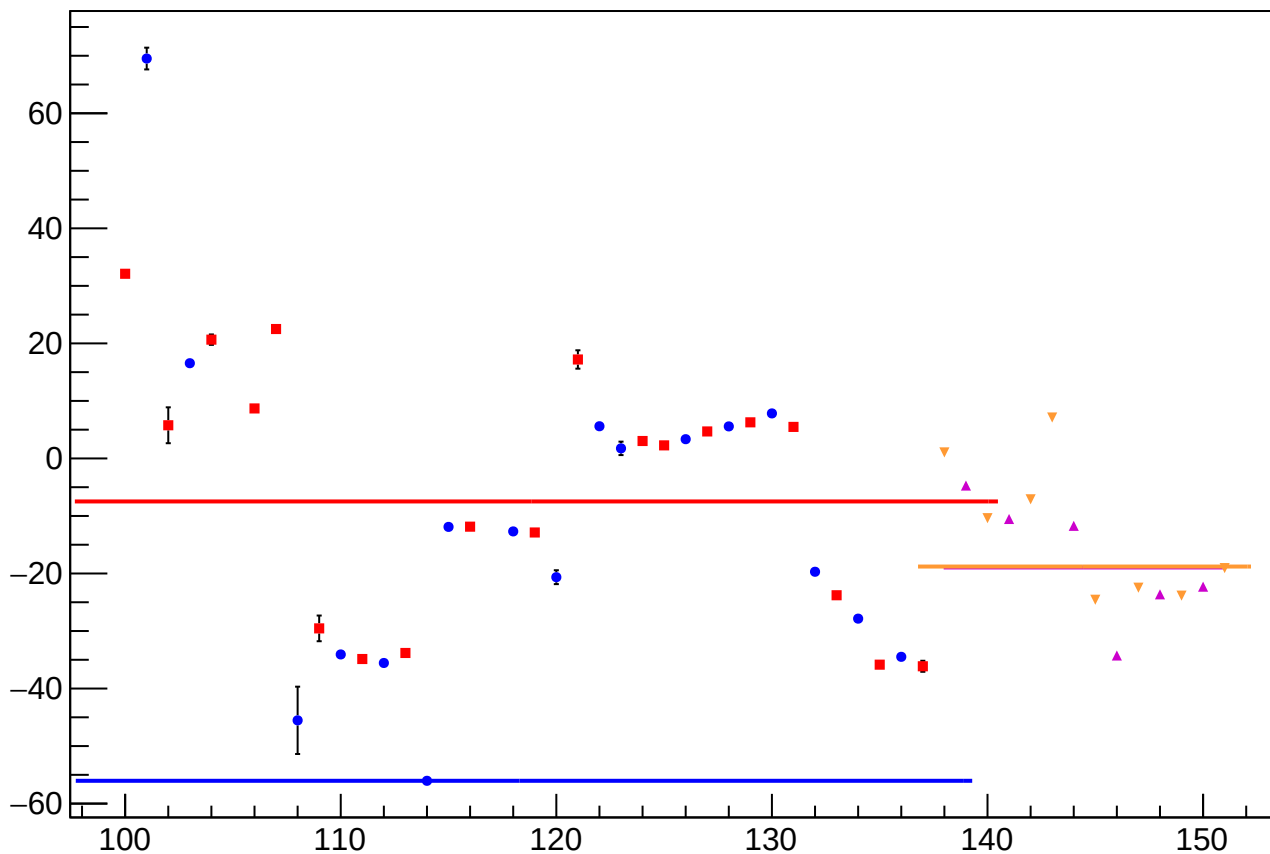
Left In: -301.802+/-0.051 χ^2/NDF : 264062.8/5

+ sign -212.190+/-0.000 χ^2/NDF : 8245327.3/24

All: -195.625+/-0.000 χ^2/NDF : 13622303625

- sign -188.033+/-0.000 χ^2/NDF : 5793721.3/24

dit_atl2_4aY_slope vs Slug



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: -18.793 $\pm$ 0.042 χ^2 /NDF: 41562.8/7

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

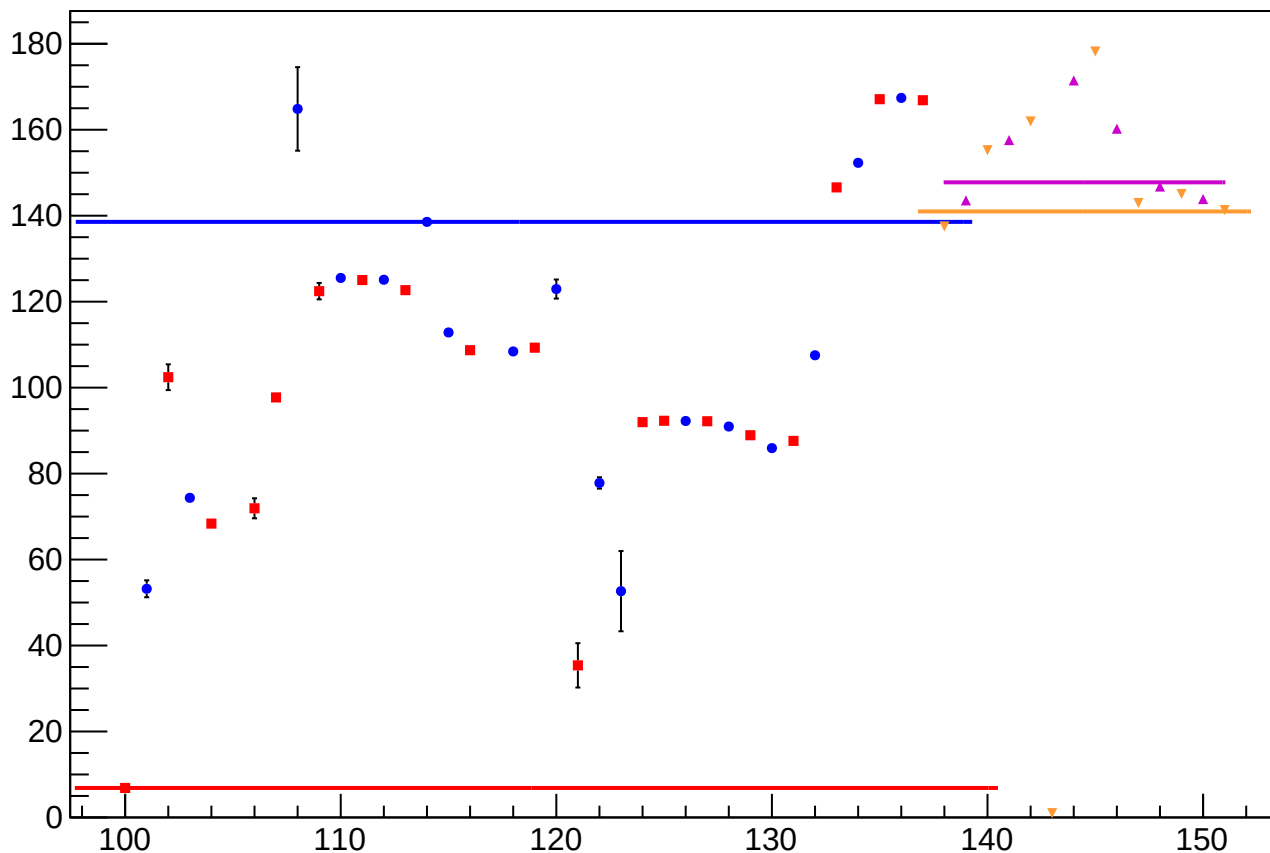
Left In: -18.952 $\pm$ 0.041 χ^2 /NDF: 24892.4/5

+ sign -56.037 $\pm$ 0.000 χ^2 /NDF: 2423279.7/24

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 4747780.4/49

- sign -13.313 $\pm$ 0.030 χ^2 /NDF: 236432.8/24

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 140.987 $\pm$ 0.045 χ^2 /NDF:301366.6/7

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

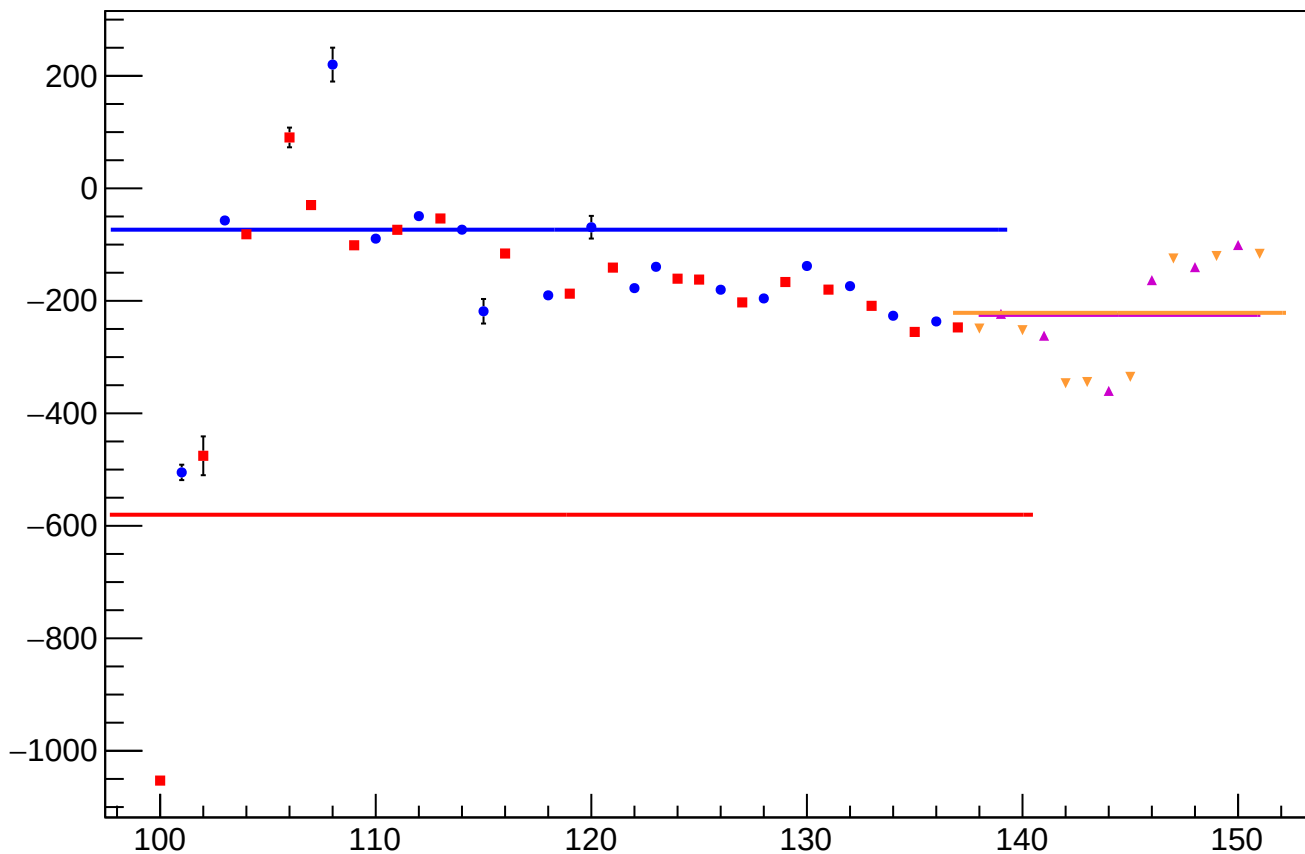
Left In: 147.760 $\pm$ 0.049 χ^2 /NDF:17229.1/5

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1205366.4/24

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 16203612.7/24

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF : 98703.2/16

Left Out: -221.302+/-0.388 χ^2/NDF : 47822.2/7

Right Out: -580.262+/-0.261 χ^2/NDF : 3031609.5/18

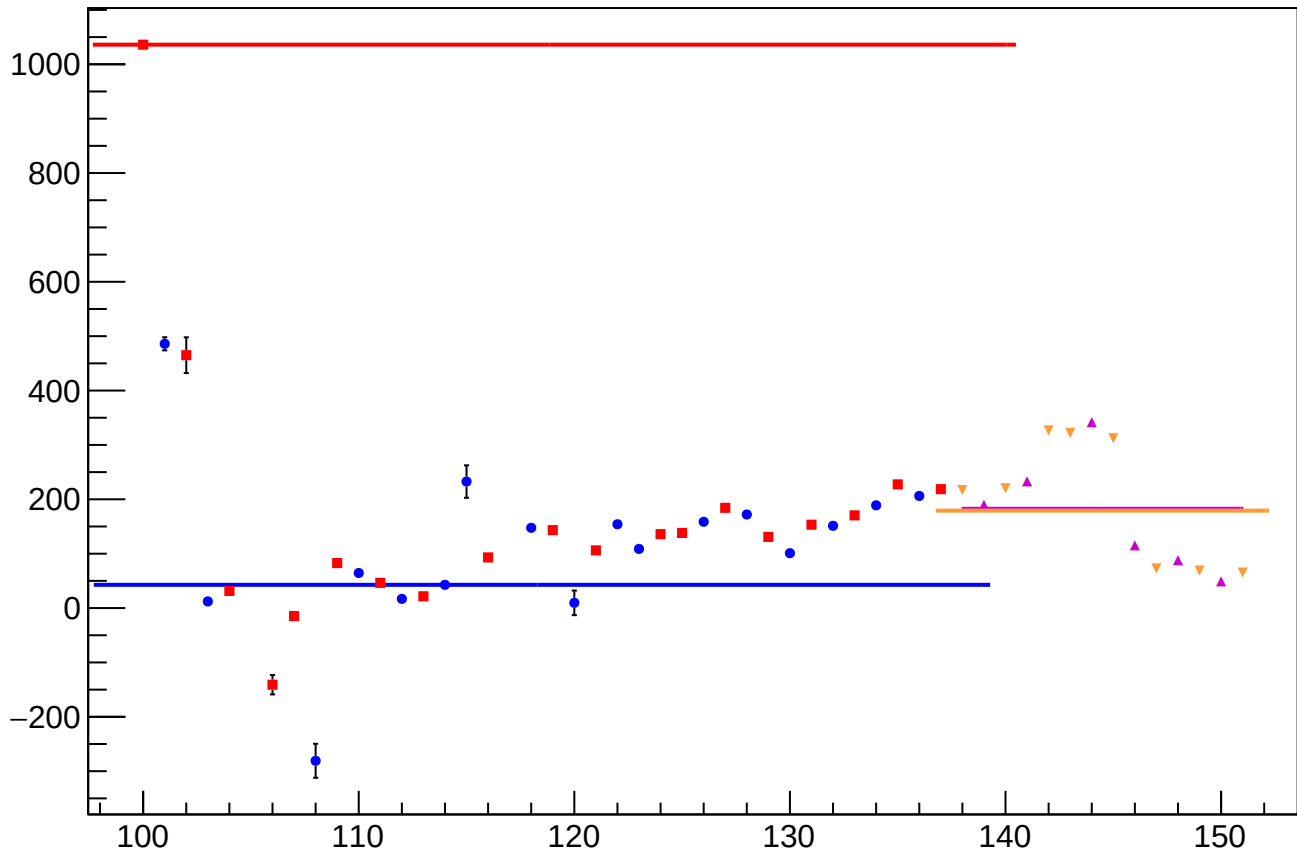
Left In: -225.003+/-0.440 χ^2/NDF : 39227.1/5

+ sign -73.485+/-0.000 χ^2/NDF : 291590.1/24

All: -73.485+/-0.000 χ^2/NDF : 7252930.4/49

- sign -487.746+/-0.224 χ^2/NDF : 3553535.8/24

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 179.176+/-0.398 χ^2/NDF : 59416.9/7

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

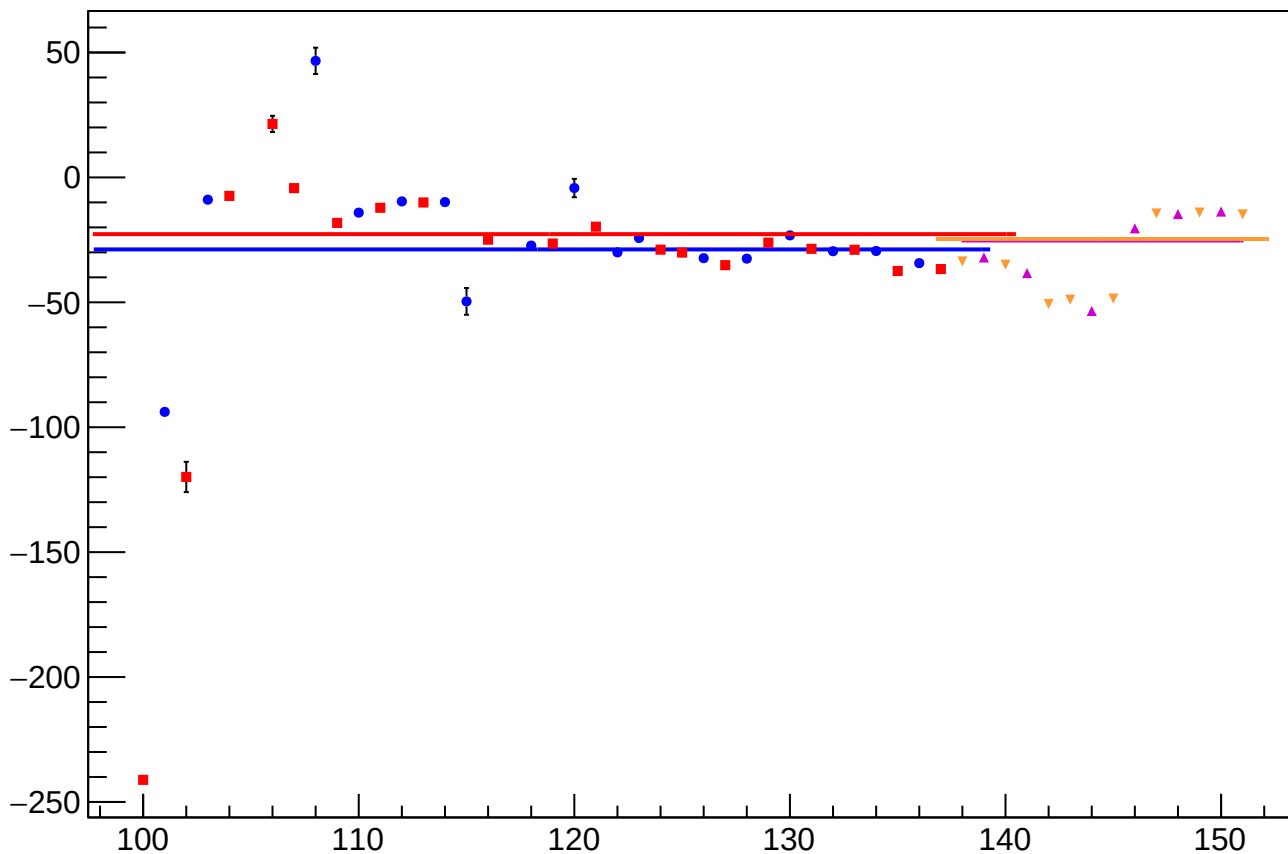
Left In: 182.579+/-0.456 χ^2/NDF : 46315.5/5

+ sign 42.743+/-0.000 χ^2/NDF : 261757.4/24

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 8489831.7/24

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -24.660 ± 0.022 $\chi^2/\text{NDF}: 287279.9/7$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

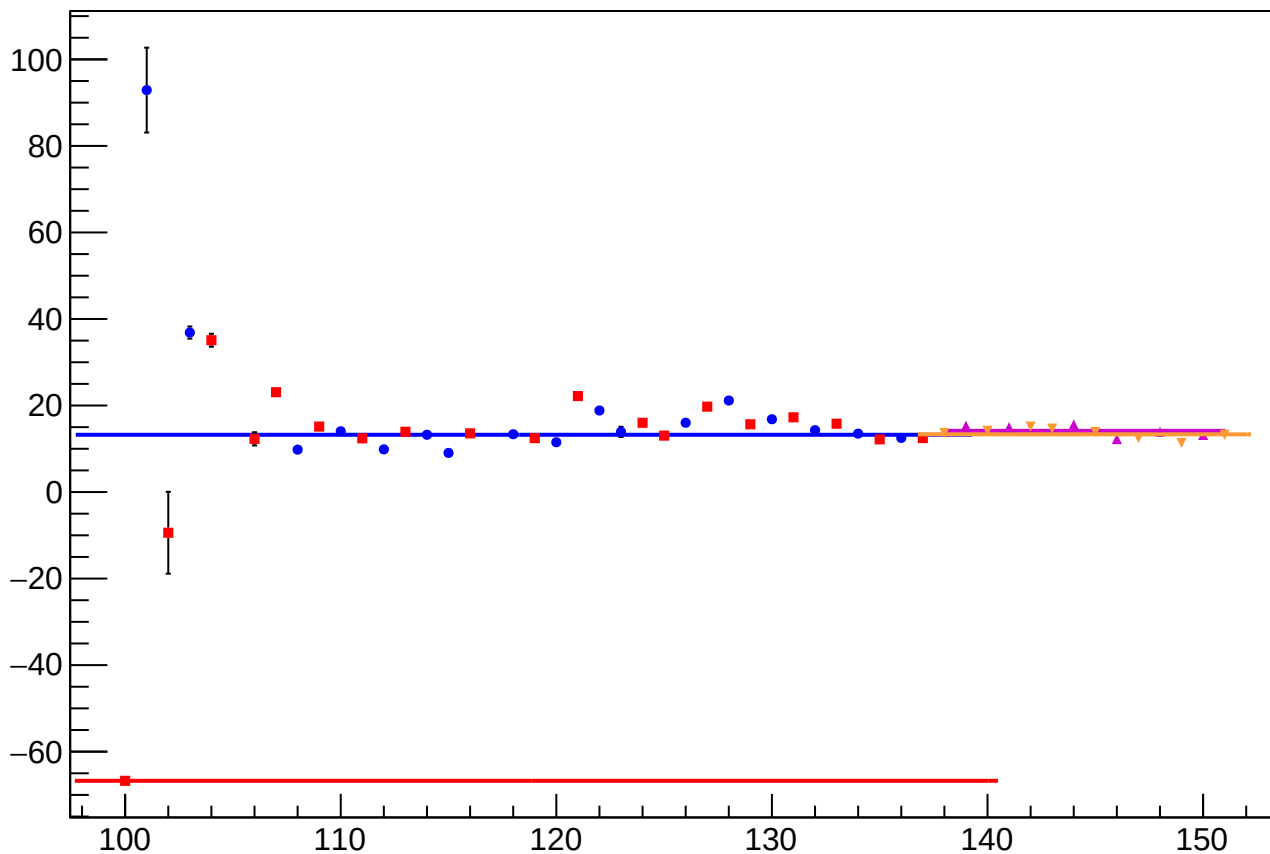
Left In: -25.247 ± 0.030 $\chi^2/\text{NDF}: 145867.9/5$

+ sign -25.845 ± 0.019 $\chi^2/\text{NDF}: 347051.4/24$

All: -25.245 ± 0.015 $\chi^2/\text{NDF}: 908584.7/49$

- sign -24.261 ± 0.024 $\chi^2/\text{NDF}: 558764.8/24$

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.338+/-0.025 χ^2/NDF : 2267.9/7

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

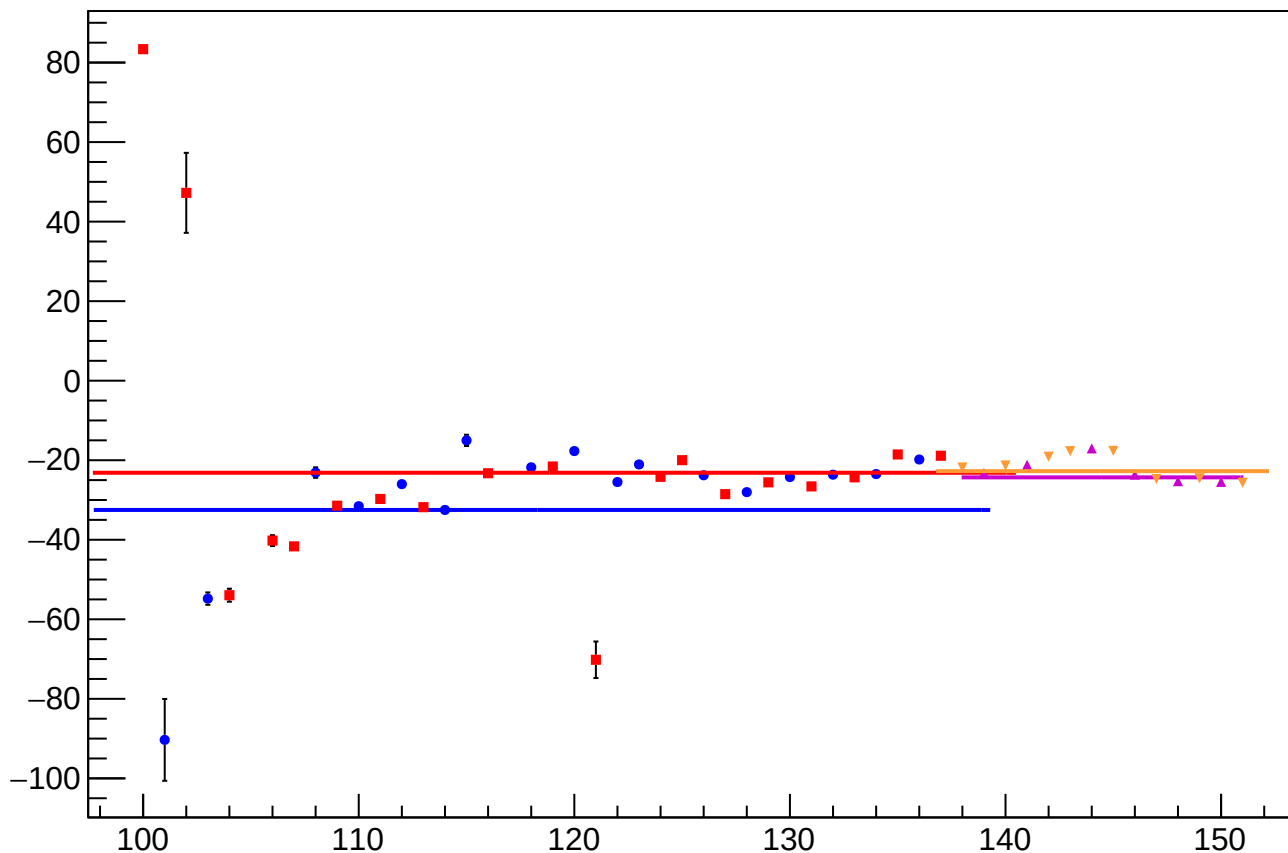
Left In: 14.141+/-0.025 χ^2/NDF : 2215.3/5

+ sign 13.238+/-0.000 χ^2/NDF : 8040.6/24

All: 12.562+/-0.000 χ^2/NDF : 1884310027651

- sign -66.739+/-0.000 χ^2/NDF : 13328082.6/24

dit_atr1_4eY_slope vs Slug



Right In: -32.504 $\pm$ 0.000 χ^2 /NDF: 74187.4/16

Left Out: -22.741 $\pm$ 0.028 χ^2 /NDF:10839.6/7

Right Out: -23.151 $\pm$ 0.048 χ^2 /NDF: 90749.4/18

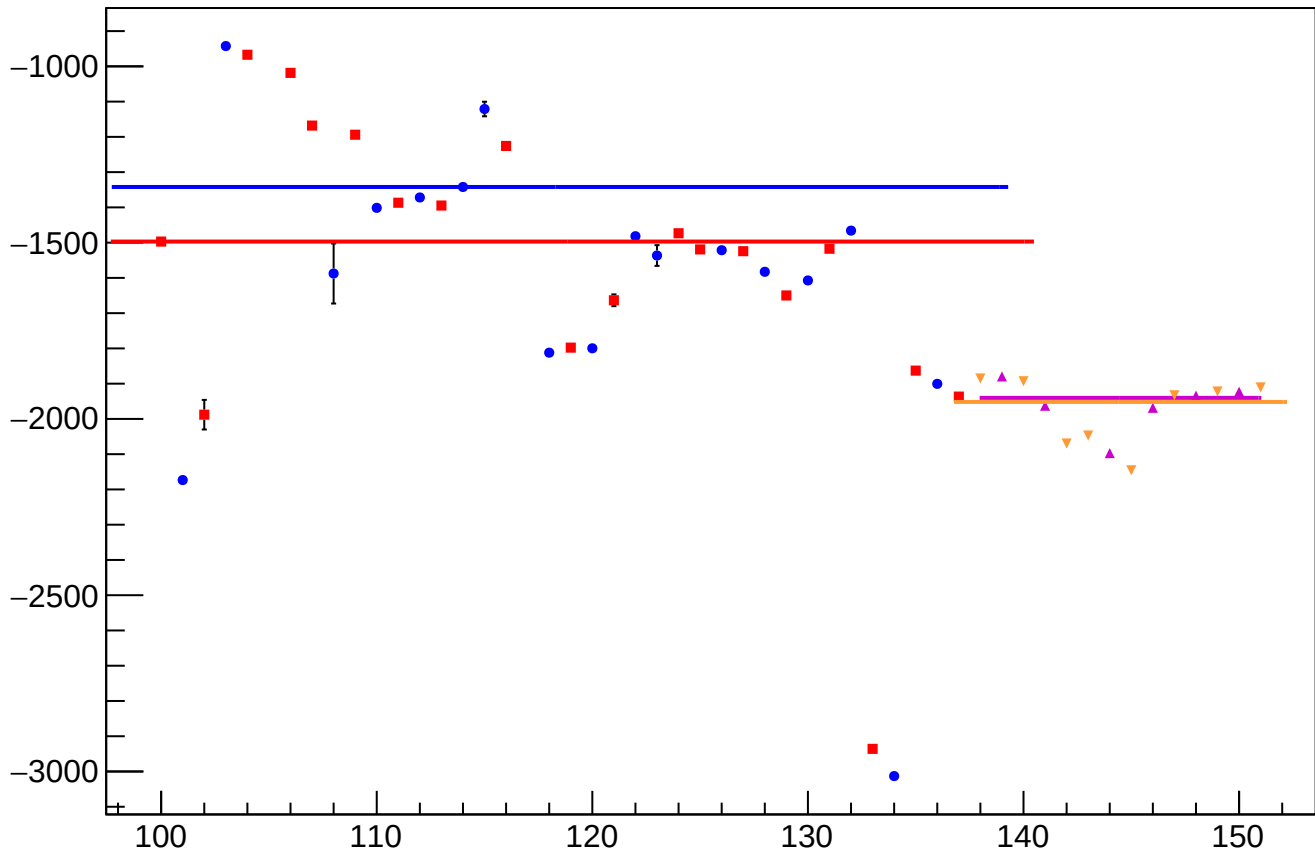
Left In: -24.311 $\pm$ 0.030 χ^2 /NDF:5242.5/5

+ sign -32.504 $\pm$ 0.000 χ^2 /NDF: 210557.8/24

All: -32.504 $\pm$ 0.000 χ^2 /NDF: 422060.6/49

- sign -23.989 $\pm$ 0.025 χ^2 /NDF: 96420.4/24

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1951.793+/-0.616 χ^2/NDF :13564.2/7

Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

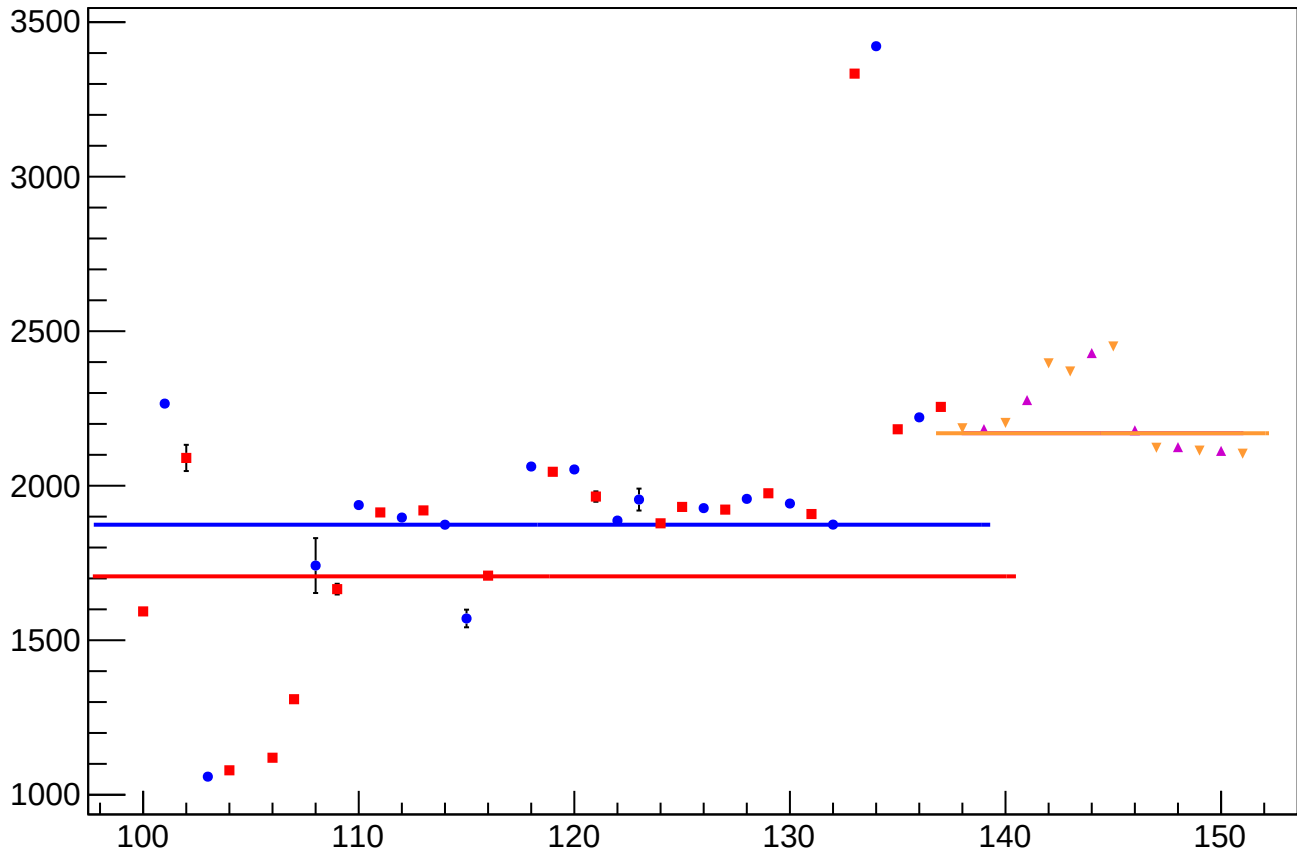
Left In: -1940.297+/-0.458 χ^2/NDF :13562.5/5

+ sign -1342.107+/-0.000 χ^2/NDF : 1363804.8/24

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

- sign -1496.932+/-0.000 χ^2/NDF : 1454671.0/24

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2169.788+/-0.625 χ^2/NDF : 26982.0/7

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

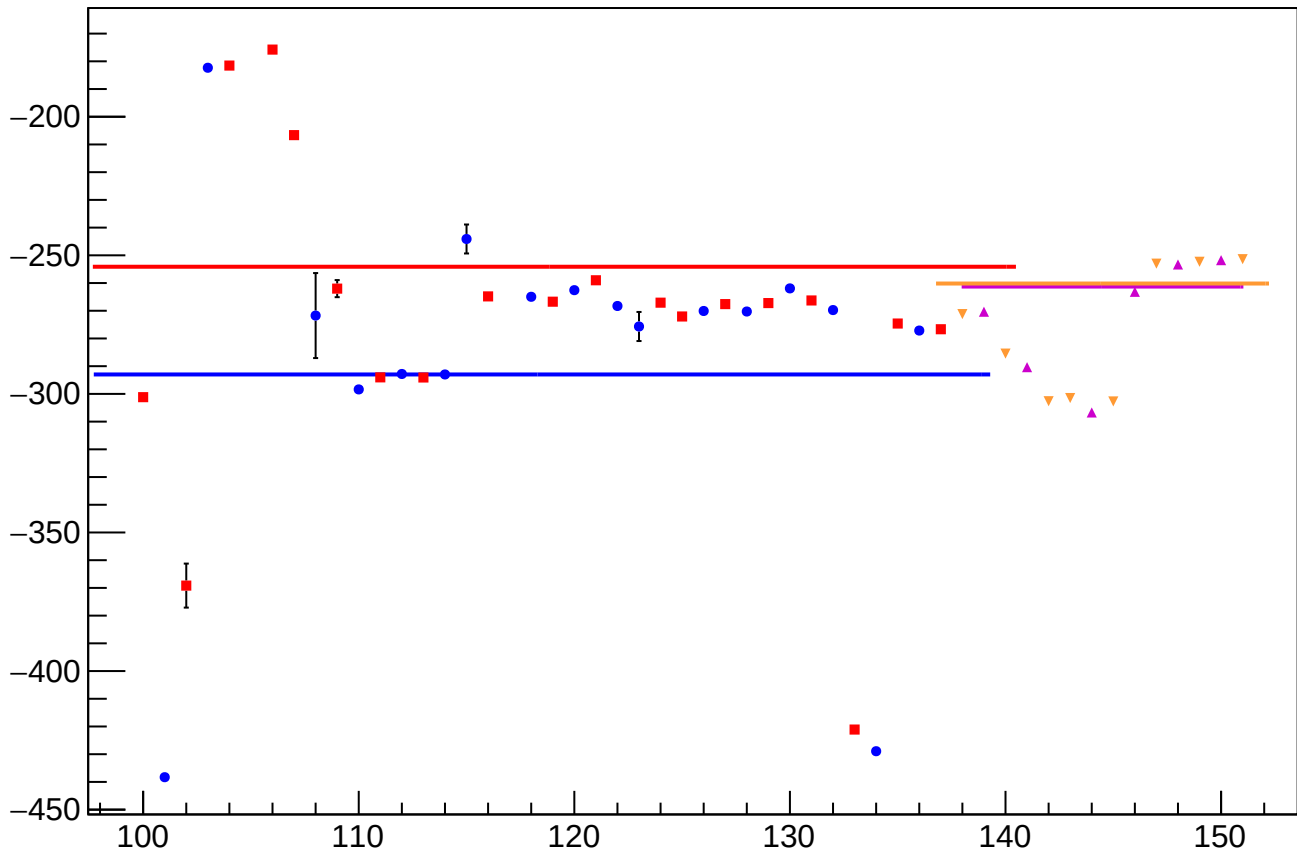
Left In: 2170.021+/-0.465 χ^2/NDF : 34205.7/5

+ sign 1873.852+/-0.000 χ^2/NDF : 452403.8/24

All: 1873.852+/-0.000 χ^2/NDF : 2035393.2/49

- sign 1844.376+/-0.254 χ^2/NDF : 1569471.9/24

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -260.177 ± 0.036 $\chi^2/\text{NDF}: 189285.0/7$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

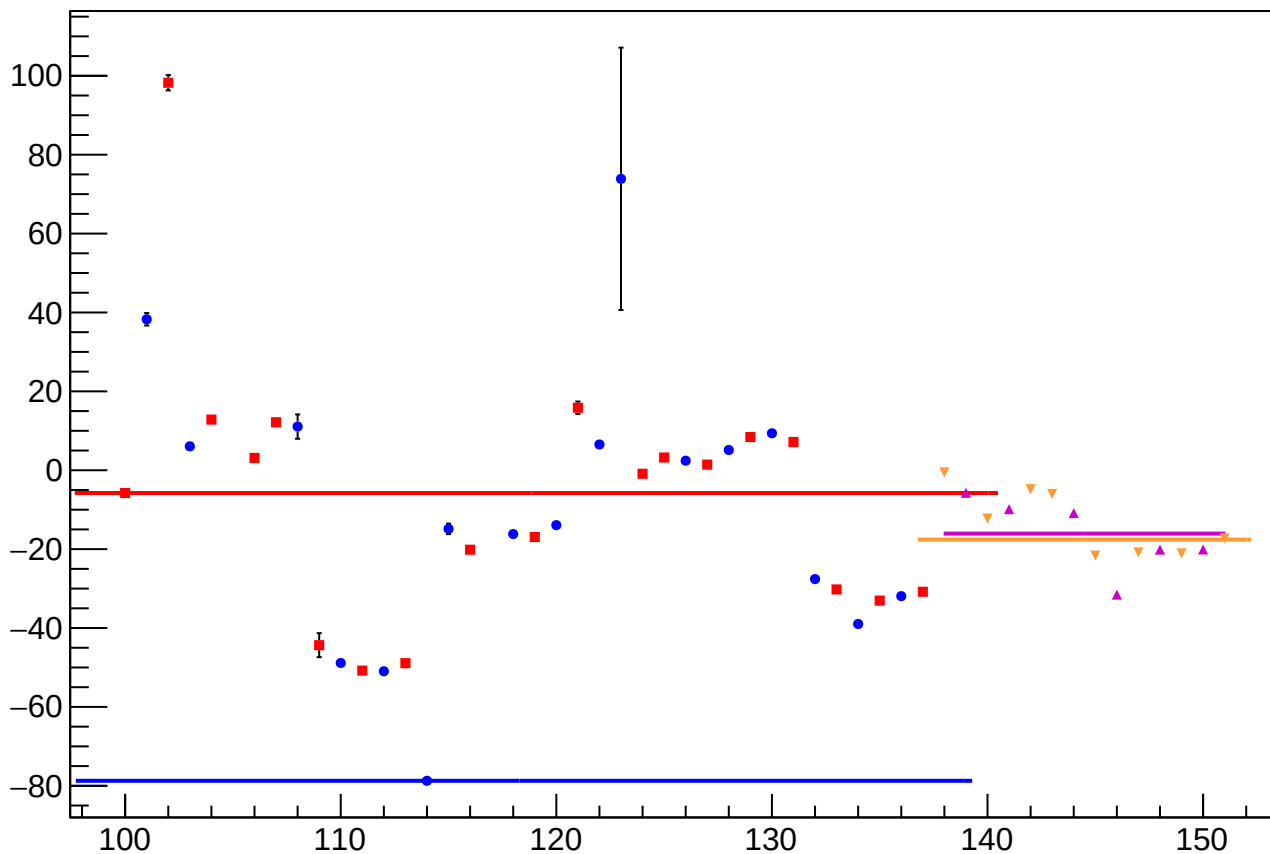
Left In: -261.271 ± 0.032 $\chi^2/\text{NDF}: 226712.9/5$

+ sign -292.986 ± 0.000 $\chi^2/\text{NDF}: 2025810.3/24$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 4148550.8/49$

- sign -259.615 ± 0.028 $\chi^2/\text{NDF}: 740665.5/24$

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -17.581 ± 0.038 $\chi^2/\text{NDF}: 17941.6/7$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

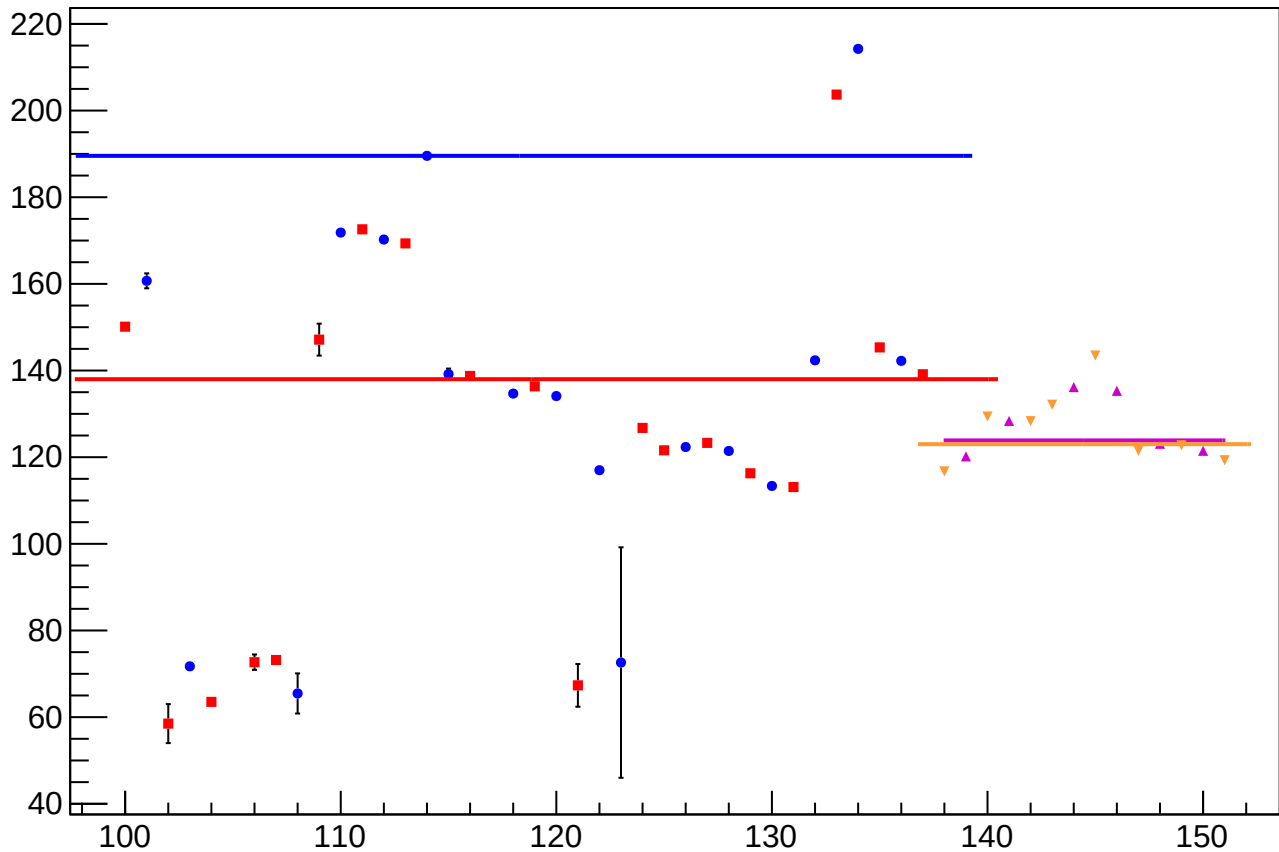
Left In: -16.061 ± 0.037 $\chi^2/\text{NDF}: 25358.5/5$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 3945848.6/24$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

- sign -5.769 ± 0.000 $\chi^2/\text{NDF}: 212954.8/24$

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF : 927391.8/16

Left Out: 123.005+/-0.044 χ^2/NDF : 9095.3/7

Right Out: 138.002+/-0.059 χ^2/NDF : 117357.8/18

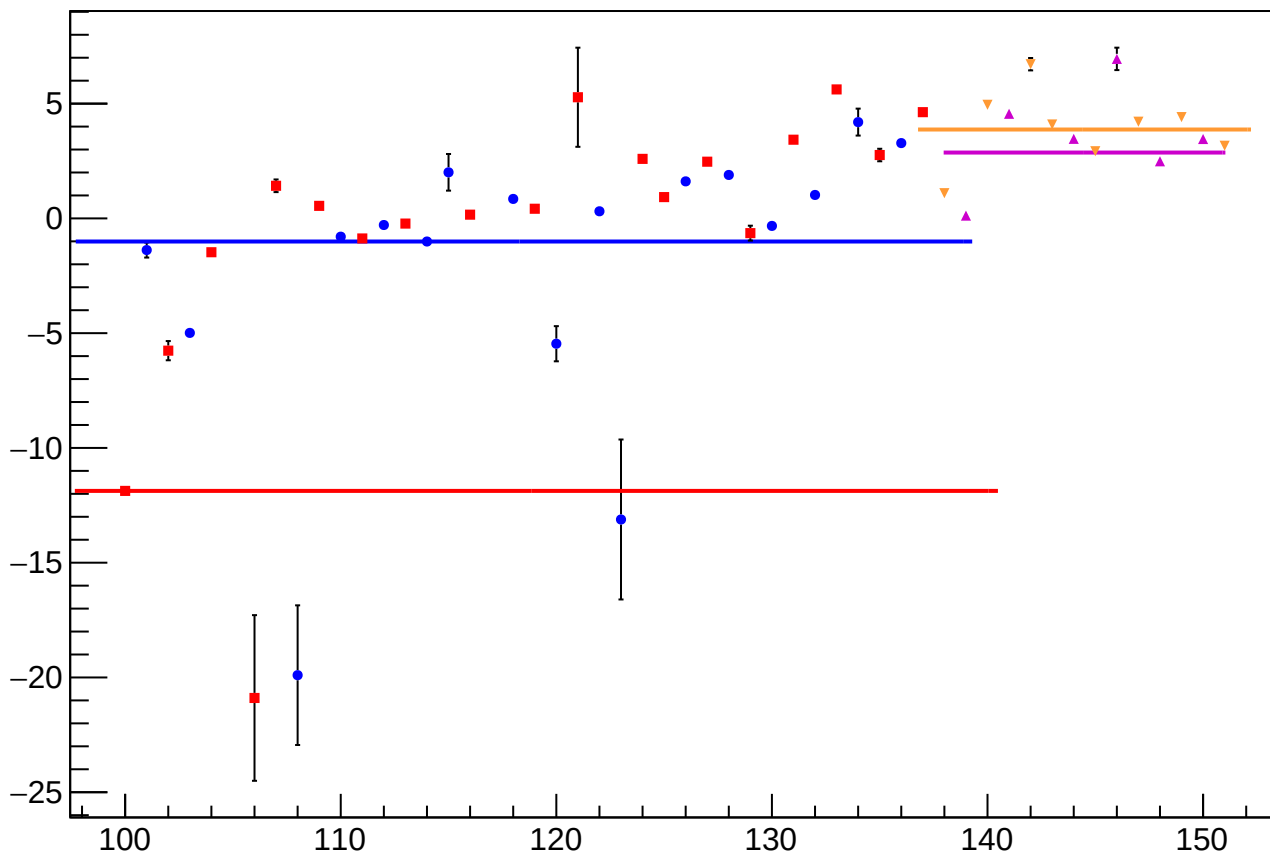
Left In: 123.870+/-0.043 χ^2/NDF : 8695.2/5

+ sign 189.551+/-0.000 χ^2/NDF : 3258759.4/24

All: 189.551+/-0.000 χ^2/NDF : 6462351.0/49

- sign 128.789+/-0.035 χ^2/NDF : 163371.0/24

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 3.872 ± 0.038 χ^2/NDF : 617.9/7

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

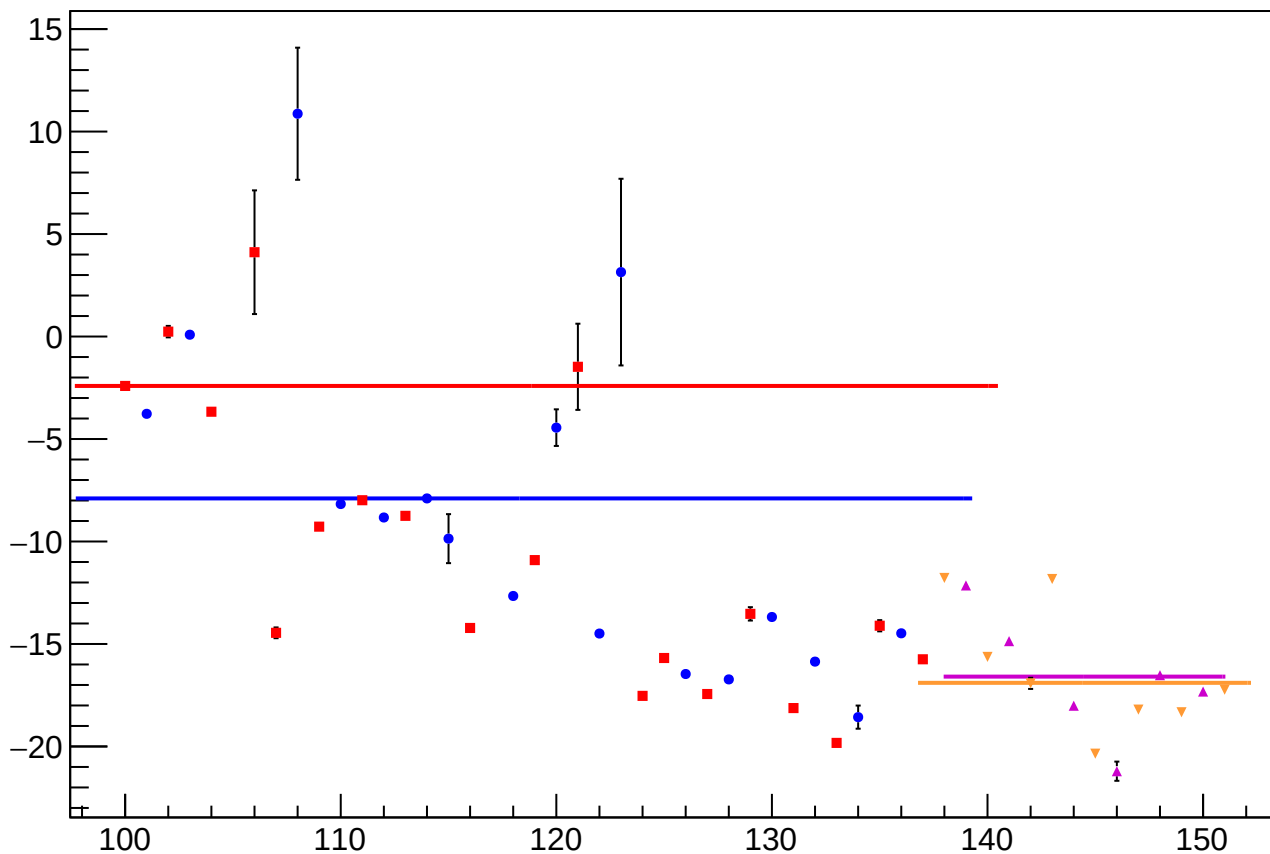
Left In: 2.869 ± 0.029 χ^2/NDF : 2426.1/5

+ sign -1.007 ± 0.000 χ^2/NDF : 23995.5/24

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 765556.8/24

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.896 ± 0.038 χ^2/NDF : 3832.9/7

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

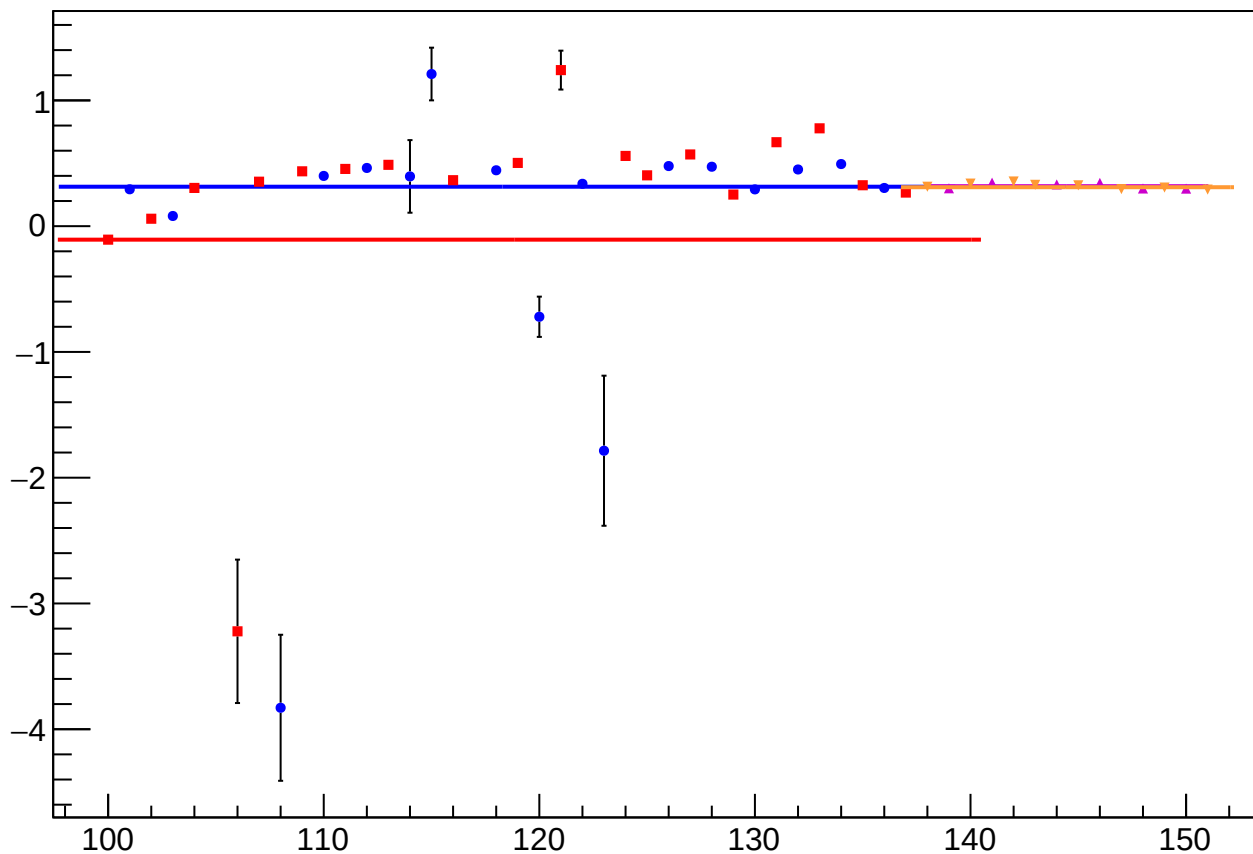
Left In: -16.592 ± 0.032 χ^2/NDF : 2296.1/5

+ sign -7.899 ± 0.000 χ^2/NDF : 100096.2/24

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 397080.3/24

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.310 ± 0.000 χ^2/NDF : 1656.7/7

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

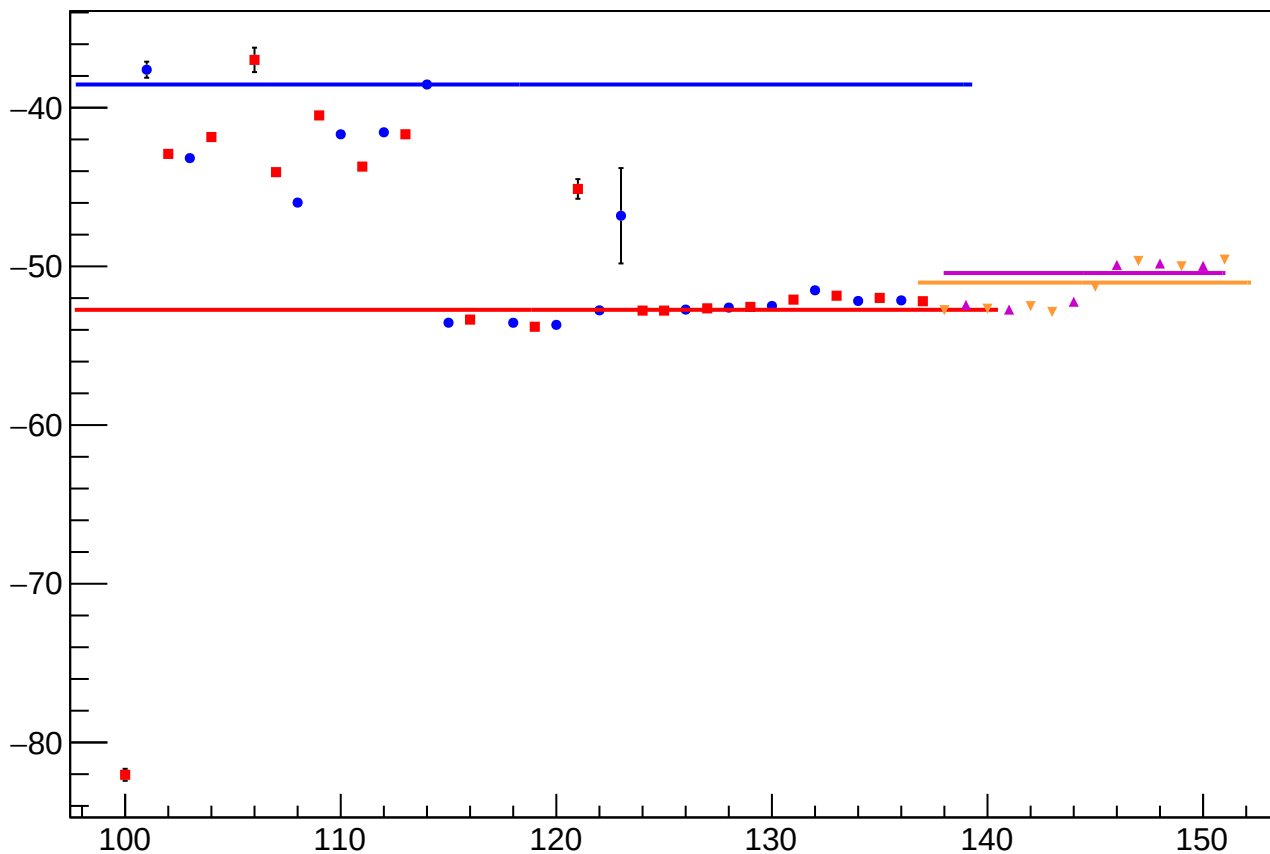
Left In: 0.318 ± 0.001 χ^2/NDF : 1294.4/5

+ sign 0.310 ± 0.000 χ^2/NDF : 4418.7/24

All: -0.107 ± 0.000 χ^2/NDF : 1933133.1/49

- sign -0.107 ± 0.000 χ^2/NDF : 863454.5/24

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 $\chi^2/\text{NDF}: 14950854.6/16$

Left Out: -51.022 ± 0.003 $\chi^2/\text{NDF}: 185311.6/7$

Right Out: -52.737 ± 0.002 $\chi^2/\text{NDF}: 87430.2/18$

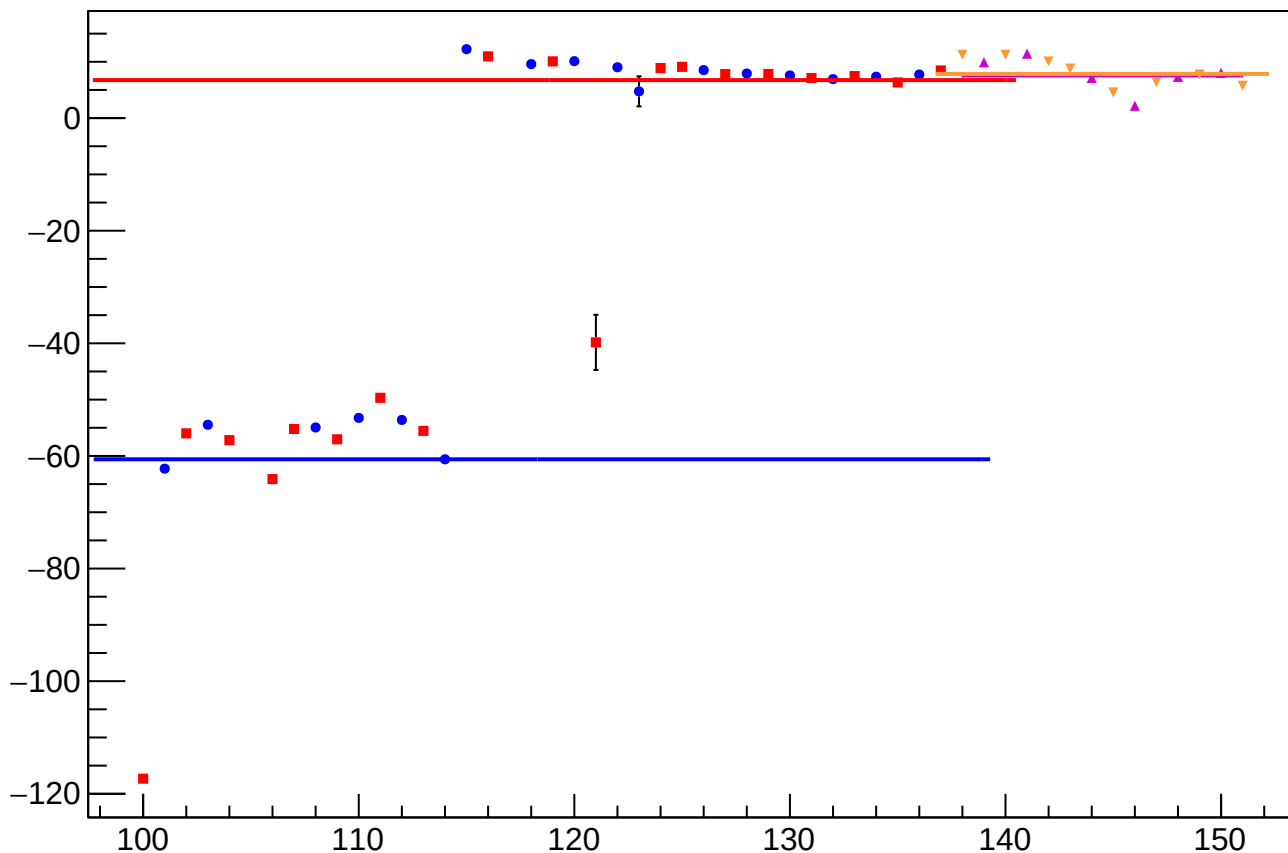
Left In: -50.419 ± 0.003 $\chi^2/\text{NDF}: 134086.3/5$

+ sign -38.539 ± 0.000 $\chi^2/\text{NDF}: 28669018.5/24$

All: -38.539 ± 0.000 $\chi^2/\text{NDF}: 104952785.4/4$

- sign -51.990 ± 0.002 $\chi^2/\text{NDF}: 711830.7/24$

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 7.845 ± 0.009 χ^2/NDF : 62025.4/7

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

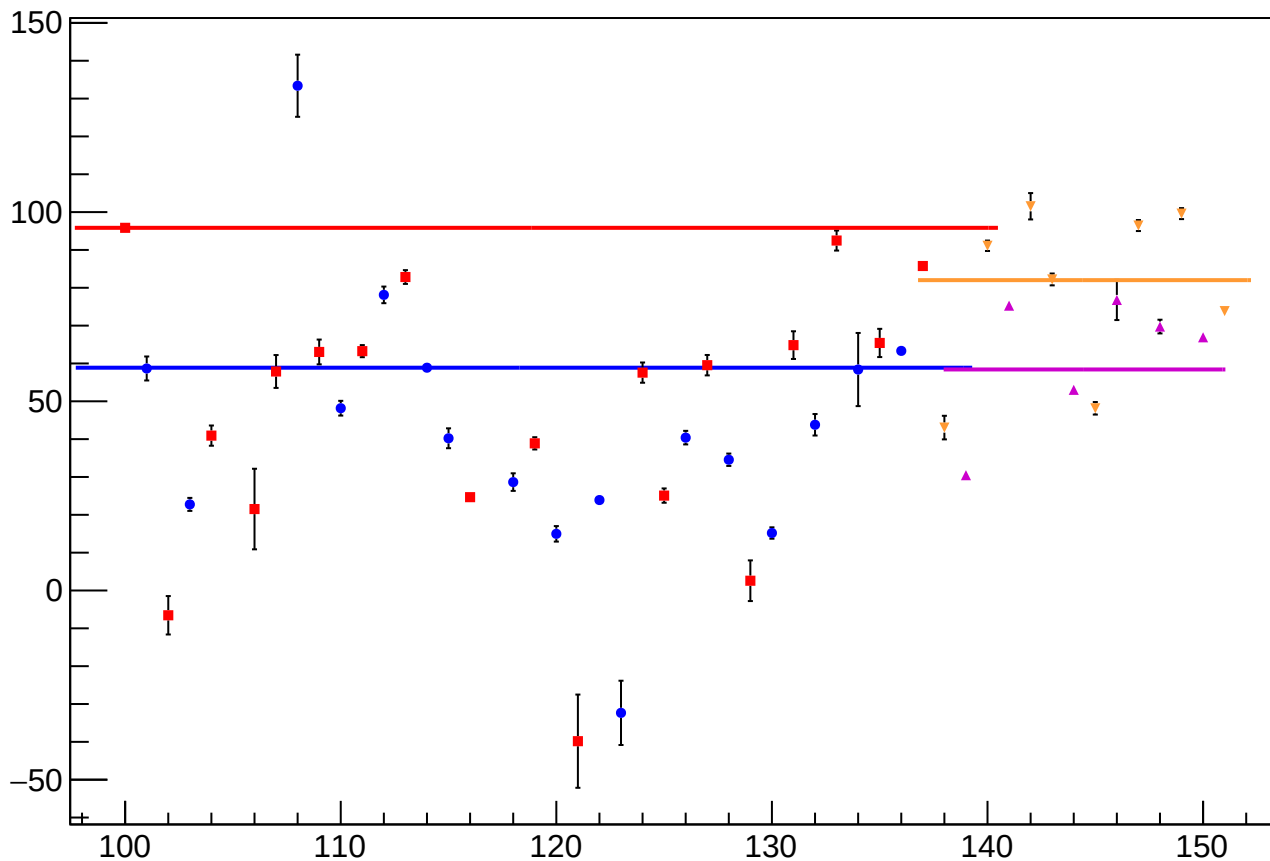
Left In: 7.568 ± 0.008 χ^2/NDF : 91836.9/5

+ sign -60.594 ± 0.000 χ^2/NDF : 89450433.6/24

All: -60.594 ± 0.000 χ^2/NDF : 202861099.1/4

- sign 7.290 ± 0.006 χ^2/NDF : 1362096.8/24

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 χ^2/NDF : 3814.7/16

Left Out: 82.018 ± 0.571 χ^2/NDF : 937.0/7

Right Out: 95.846 ± 0.000 χ^2/NDF : 39385.0/18

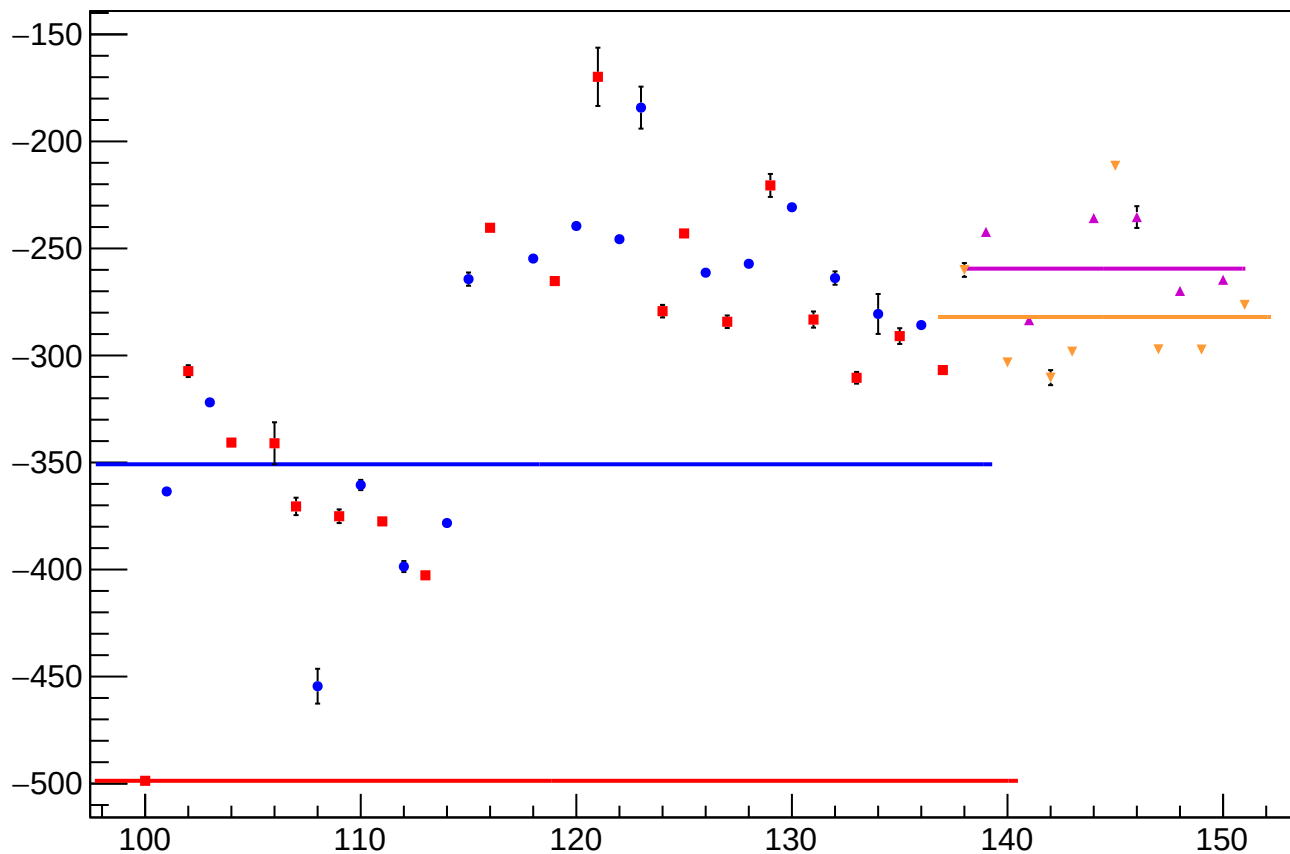
Left In: 58.412 ± 0.440 χ^2/NDF : 1254.5/5

+ sign 58.880 ± 0.000 χ^2/NDF : 6396.4/24

All: 60.098 ± 0.000 χ^2/NDF : 981523394566

- sign 95.846 ± 0.000 χ^2/NDF : 47887.7/24

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -282.022 ± 0.561 χ^2/NDF : 2756.4/7

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

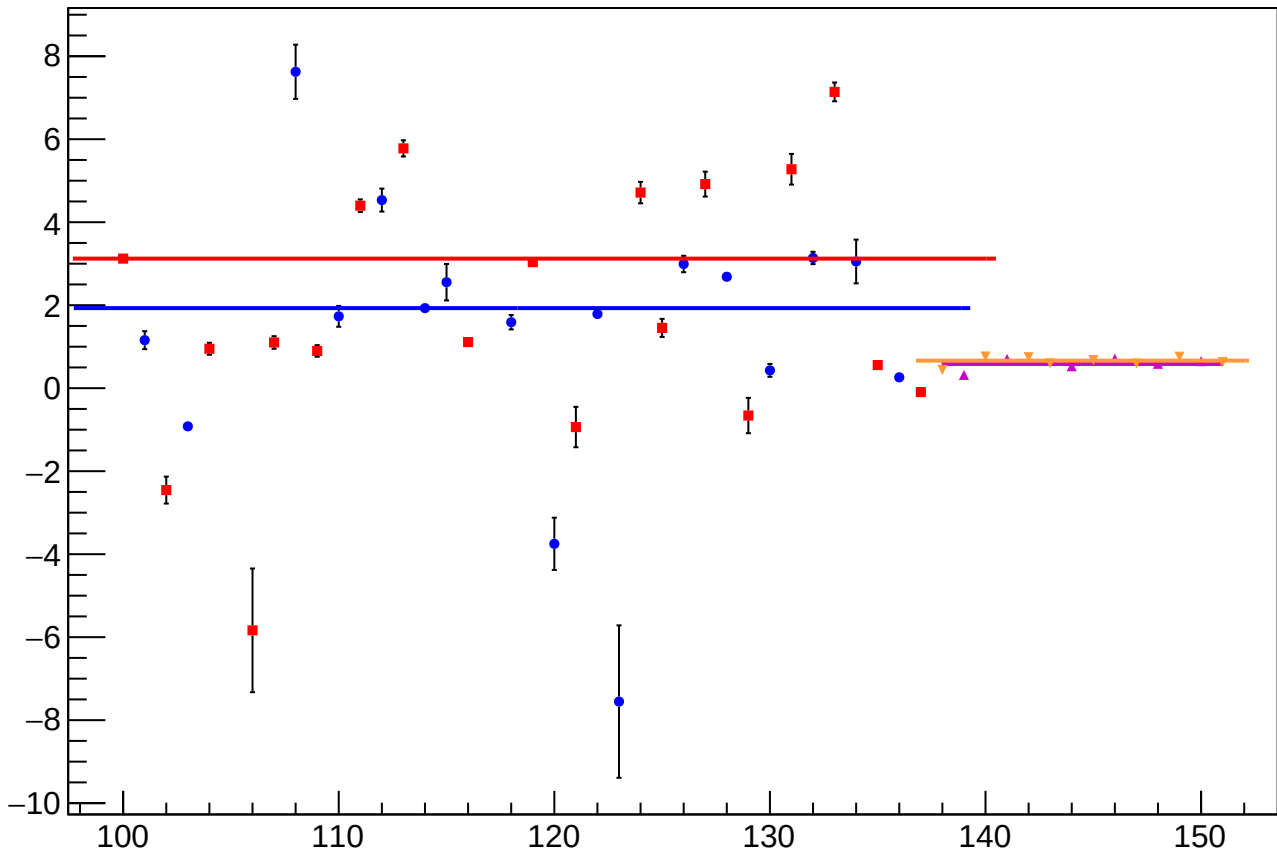
Left In: -259.438 ± 0.447 χ^2/NDF : 1255.8/5

+ sign -339.844 ± 0.224 χ^2/NDF : 56703.5/24

All: -498.692 ± 0.000 χ^2/NDF : 1358644.6/49

- sign -498.692 ± 0.000 χ^2/NDF : 799768.0/24

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.664 $\pm$ 0.004 χ^2 /NDF: 594.4/7

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 512565.5/18

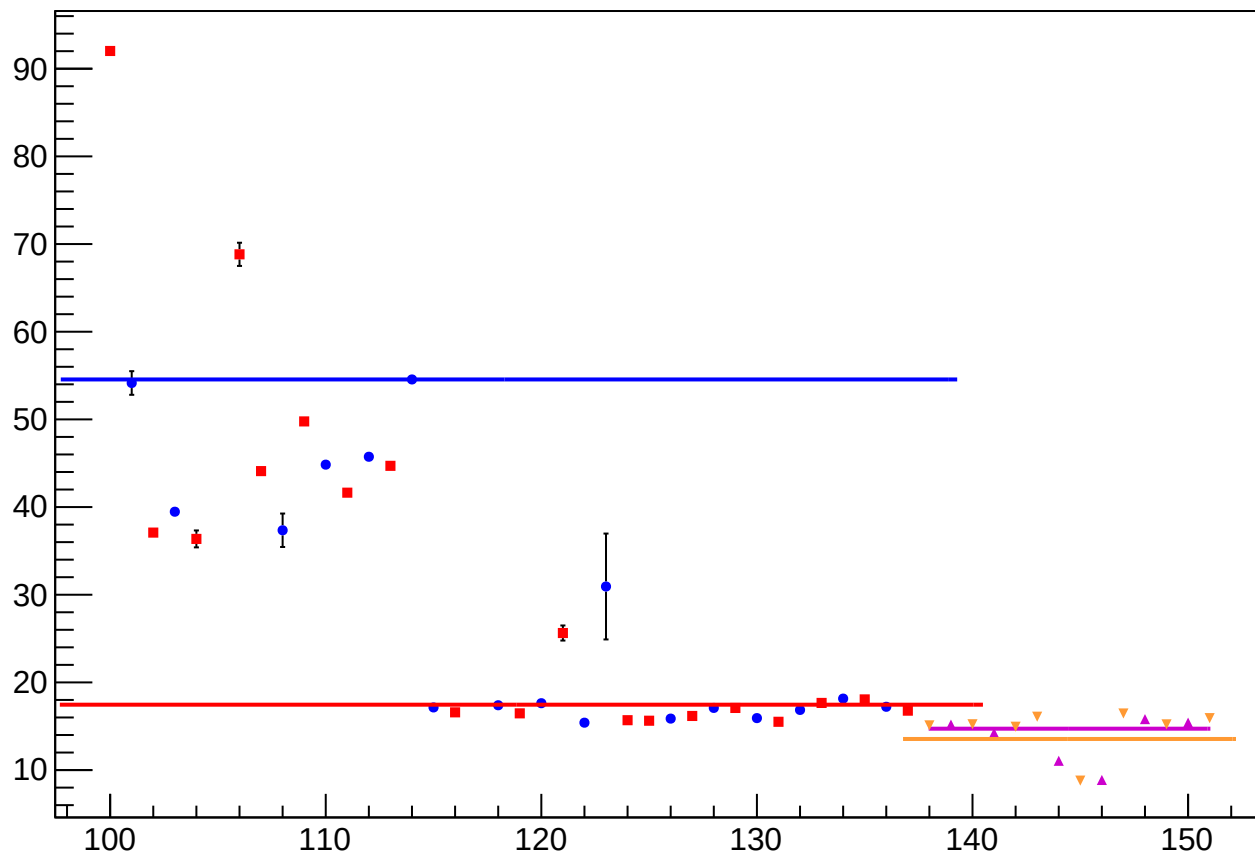
Left In: 0.582 $\pm$ 0.003 χ^2 /NDF: 1548.4/5

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 189943.6/24

All: 2.073 $\pm$ 0.000 χ^2 /NDF: 3809953457808

- sign 3.123 $\pm$ 0.000 χ^2 /NDF: 1061210.7/24

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.548+/-0.012 χ^2/NDF : 70818.5/7

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

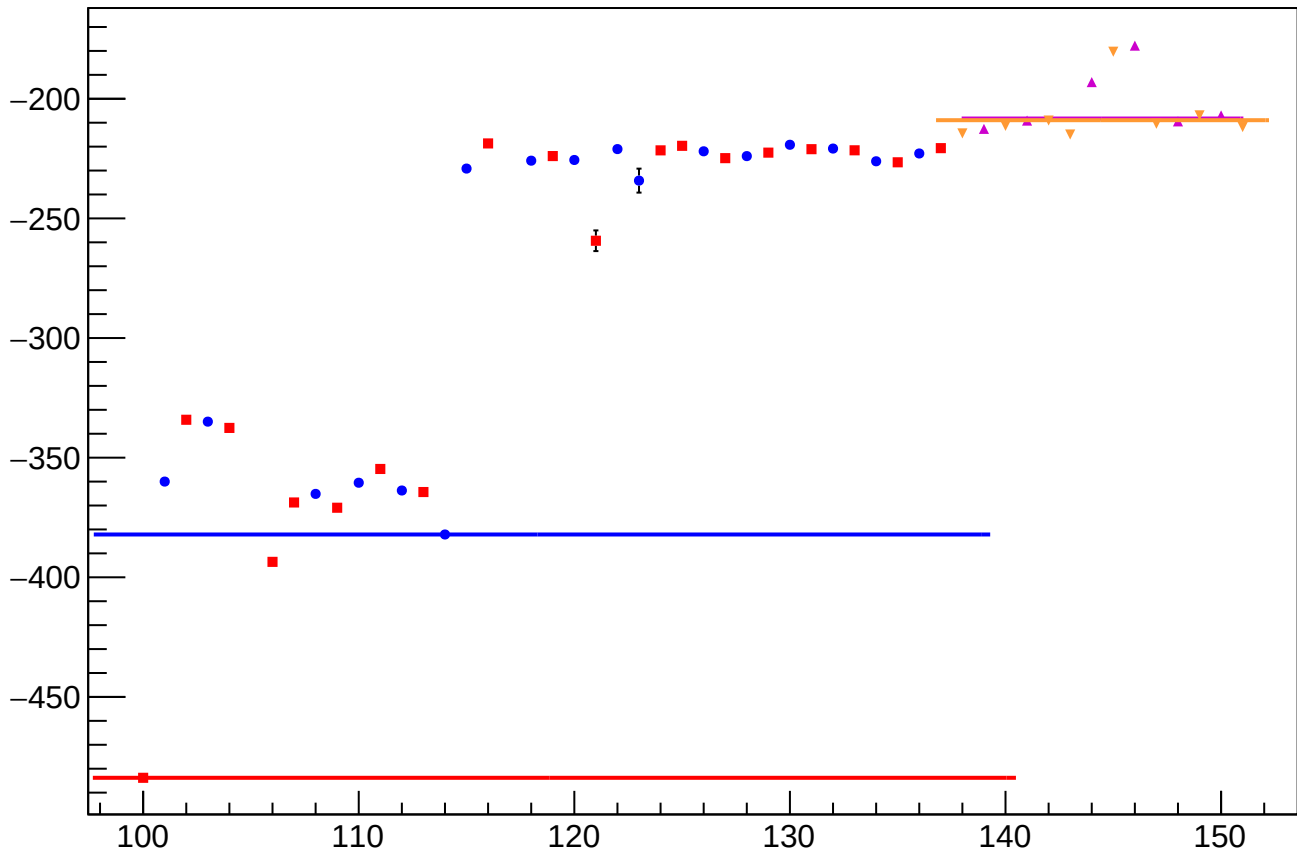
Left In: 14.721+/-0.018 χ^2/NDF : 7137.5/5

+ sign 54.556+/-0.000 χ^2/NDF : 19333462.6/24

All: 54.556+/-0.000 χ^2/NDF : 28725295.3/49

- sign 16.031+/-0.013 χ^2/NDF : 118129.8/24

dit_sam2_4eY_slope vs Slug



Right In: -382.108 $\pm$ 0.000 χ^2 /NDF: 18398024.3/16

Left Out: -208.953 $\pm$ 0.023 χ^2 /NDF: 58537.7/7

+ sign -382.108 $\pm$ 0.000 χ^2 /NDF: 76110501.4/24

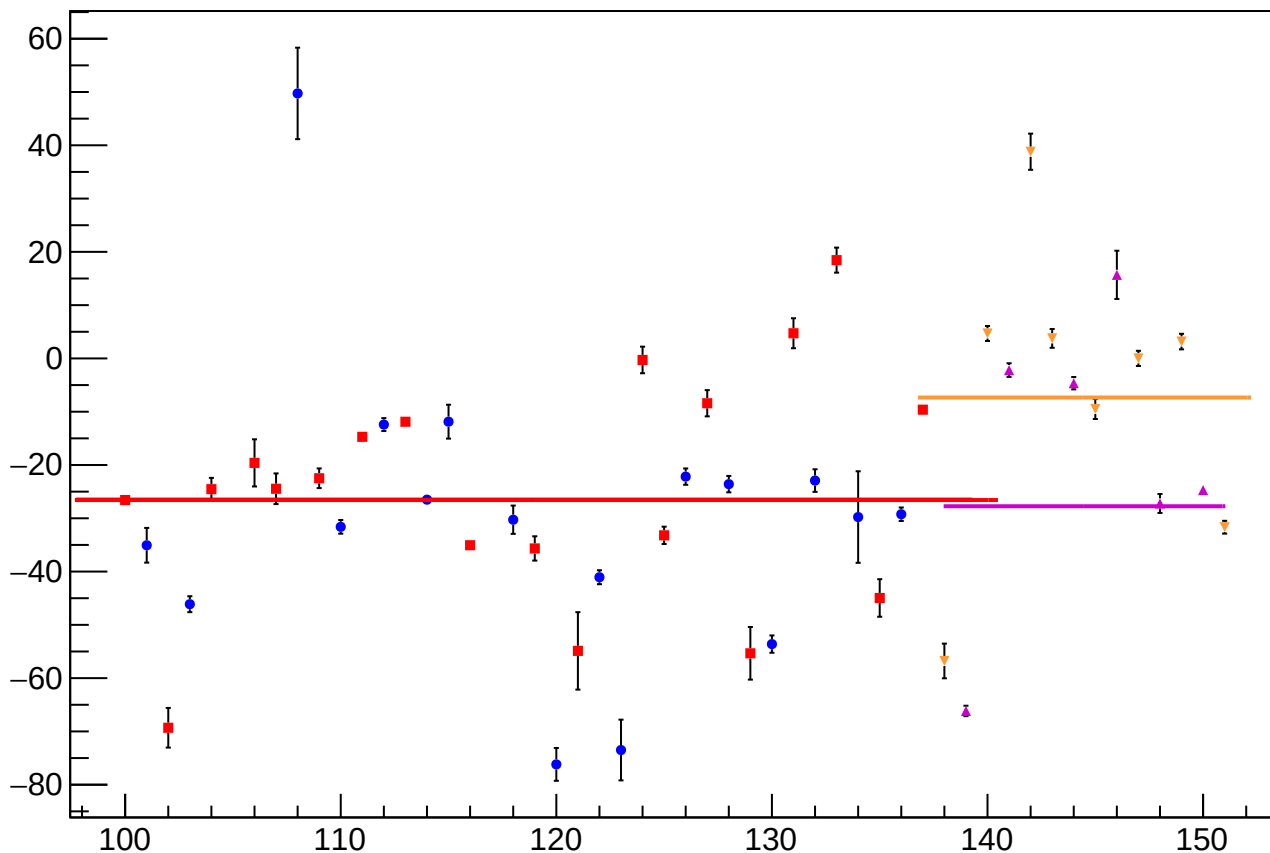
Right Out: -483.800 $\pm$ 0.000 χ^2 /NDF: 24338683.6/18

All: -417.999 $\pm$ 0.000 χ^2 /NDF: 12425488813

- sign -483.800 $\pm$ 0.000 χ^2 /NDF: 121833374.1/24

Left In: -208.252 $\pm$ 0.028 χ^2 /NDF: 11247.1/5

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -7.337 ± 0.583 χ^2/NDF : 1018.3/7

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

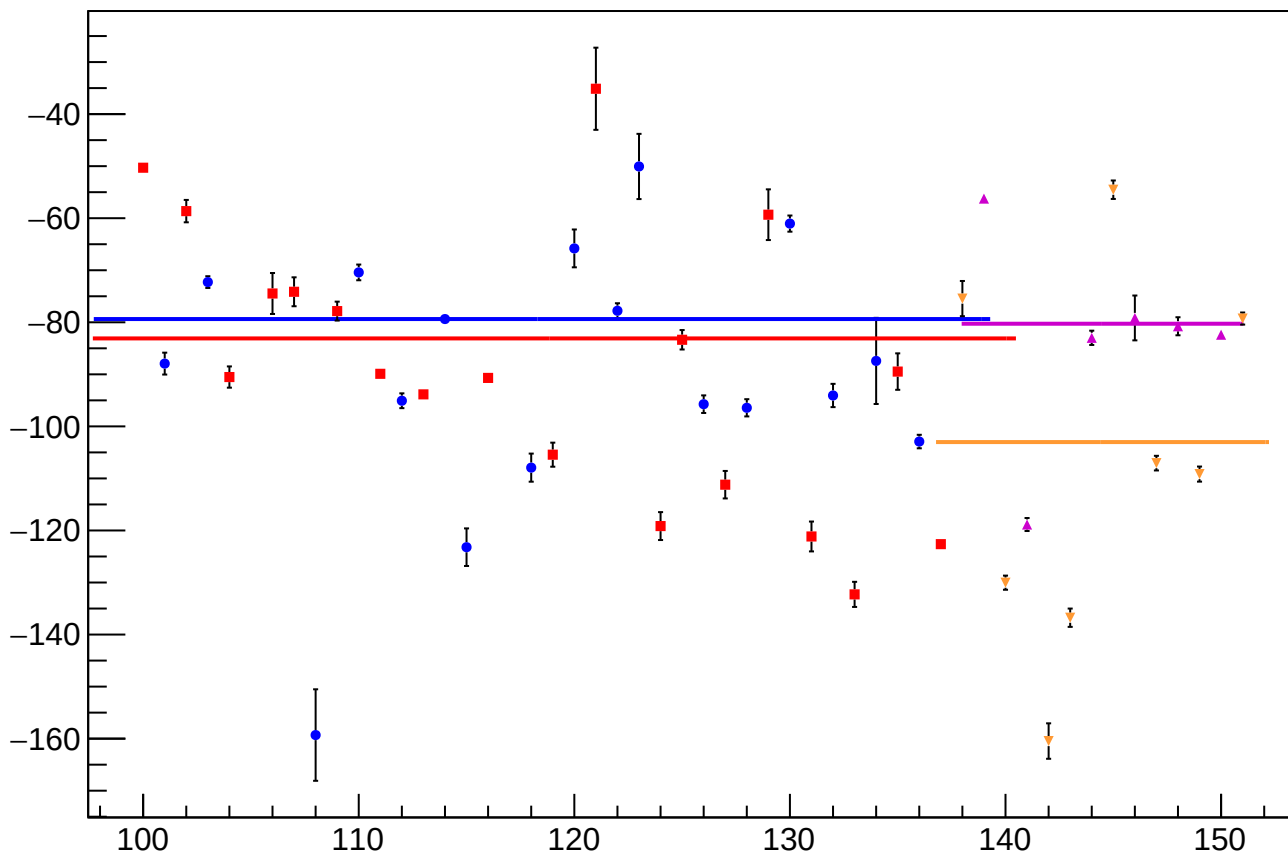
Left In: -27.742 ± 0.473 χ^2/NDF : 2445.4/5

+ sign -26.504 ± 0.000 χ^2/NDF : 3280.0/24

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 5092.4/24

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -103.014 ± 0.570 $\chi^2/\text{NDF}: 2306.0/7$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

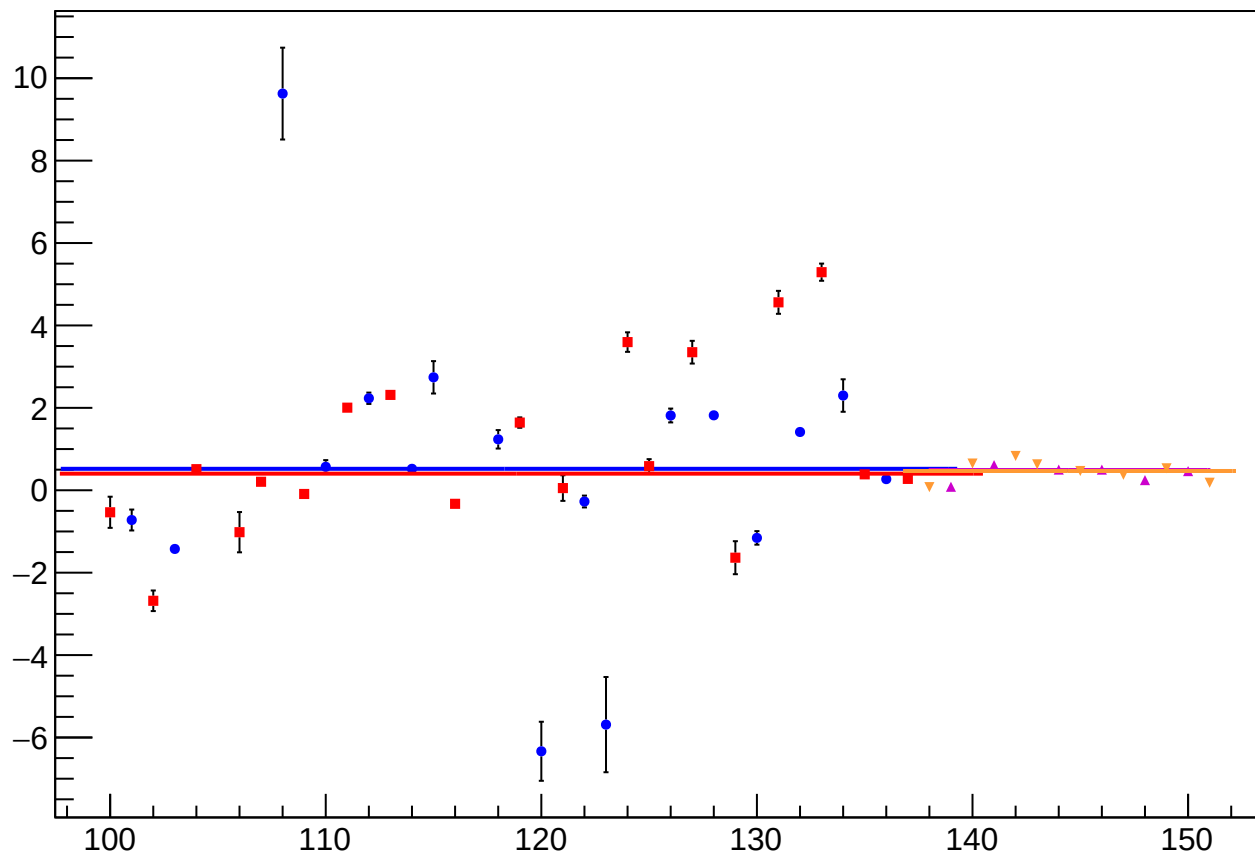
Left In: -80.276 ± 0.464 $\chi^2/\text{NDF}: 1691.6/5$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 5331.3/24$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 19379.0/49$

- sign -82.736 ± 0.166 $\chi^2/\text{NDF}: 13639.7/24$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521 ± 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.468 ± 0.004 χ^2/NDF : 1748.4/7

Right Out: 0.403 ± 0.011 χ^2/NDF : 2727.5/18

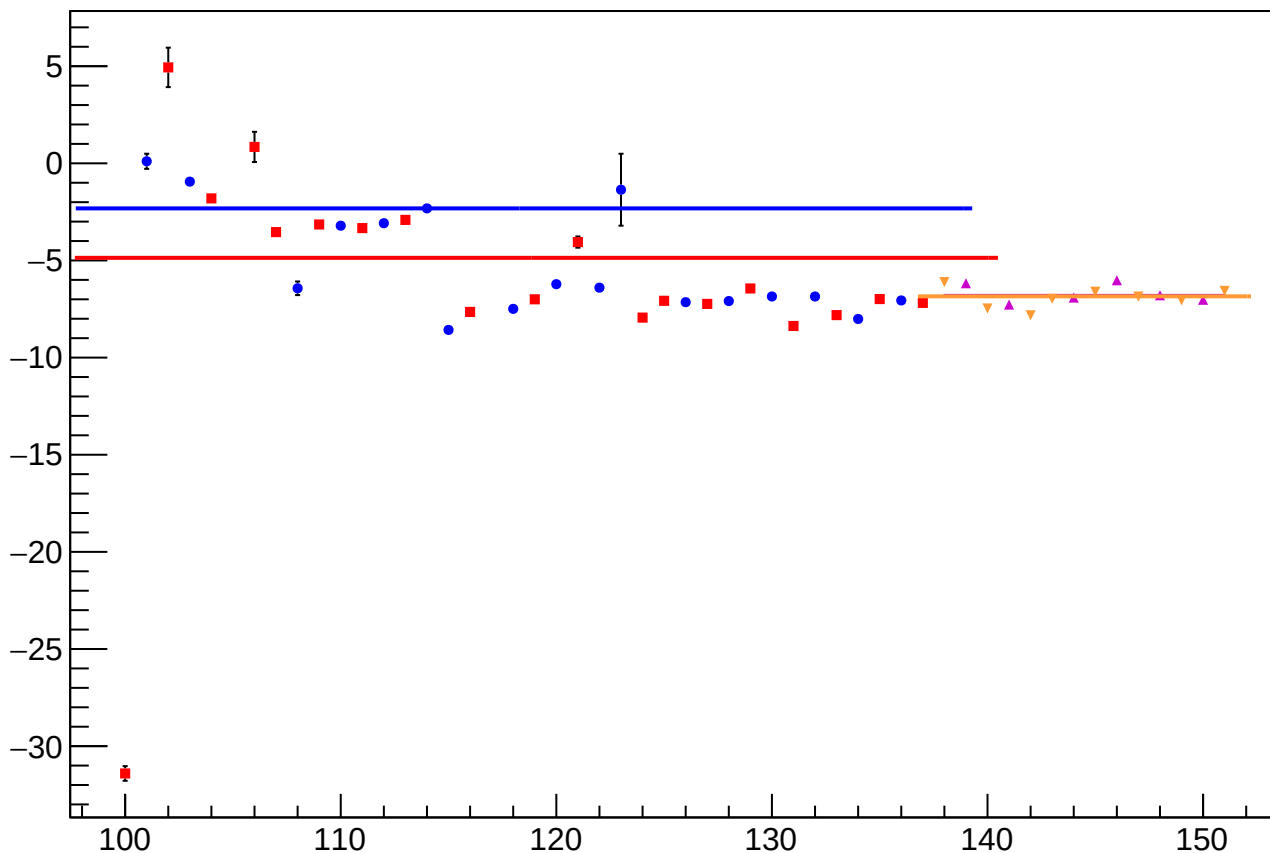
Left In: 0.491 ± 0.003 χ^2/NDF : 2814.0/5

+ sign 0.521 ± 0.000 χ^2/NDF : 5274.0/24

All: 0.521 ± 0.000 χ^2/NDF : 11020.4/49

- sign 0.485 ± 0.003 χ^2/NDF : 5602.1/24

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.847+/-0.005 χ^2/NDF : 2225.6/7

Right Out: -4.864+/-0.010 χ^2/NDF : 49380.5/18

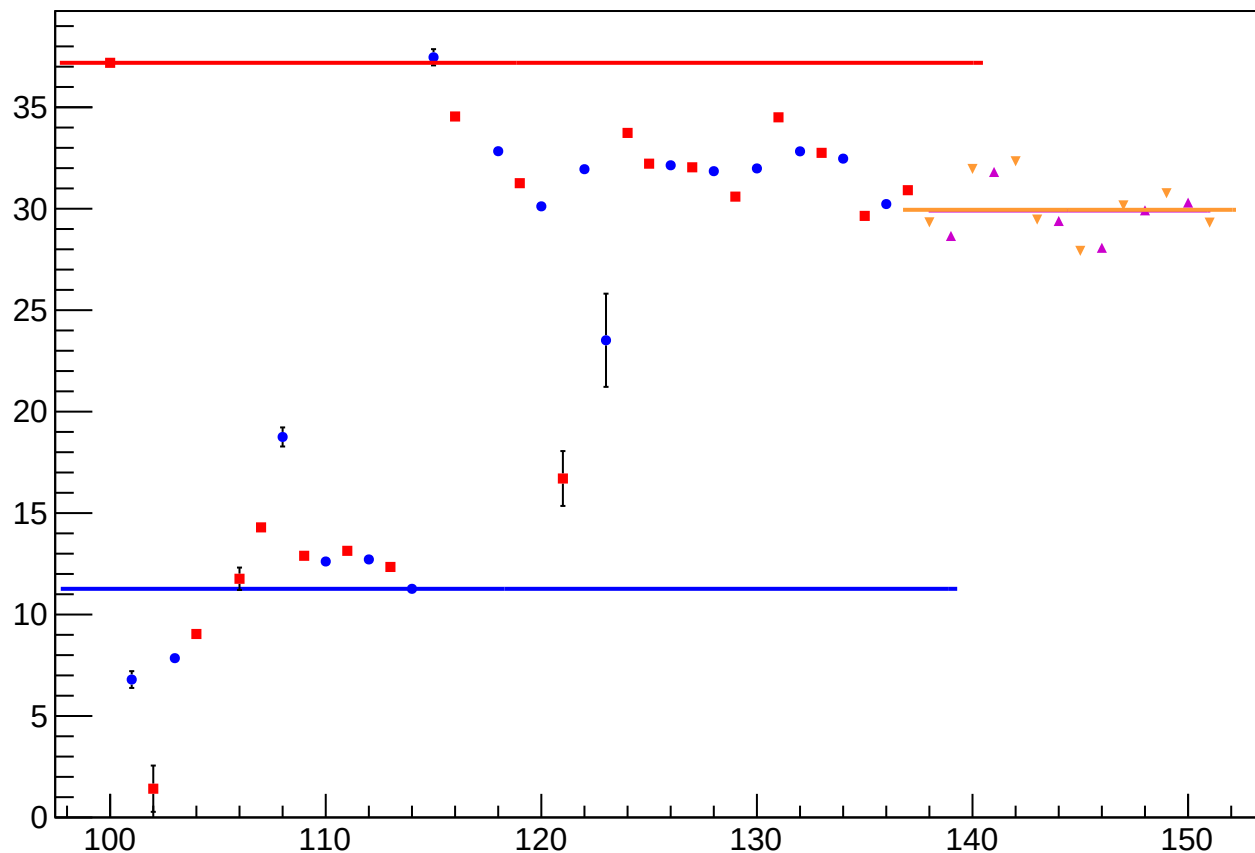
Left In: -6.823+/-0.006 χ^2/NDF : 4148.2/5

+ sign -2.320+/-0.000 χ^2/NDF : 1038126.8/24

All: -2.320+/-0.000 χ^2/NDF : 1790427.6/49

- sign -6.372+/-0.005 χ^2/NDF : 81346.1/24

dit_sam3_4eY_slope vs Slug



Right In: 11.268 ± 0.000 χ^2/NDF : 958029.3/16

Left Out: 29.947 ± 0.018 χ^2/NDF : 4466.4/7

Right Out: 37.191 ± 0.000 χ^2/NDF : 1121929.1/18

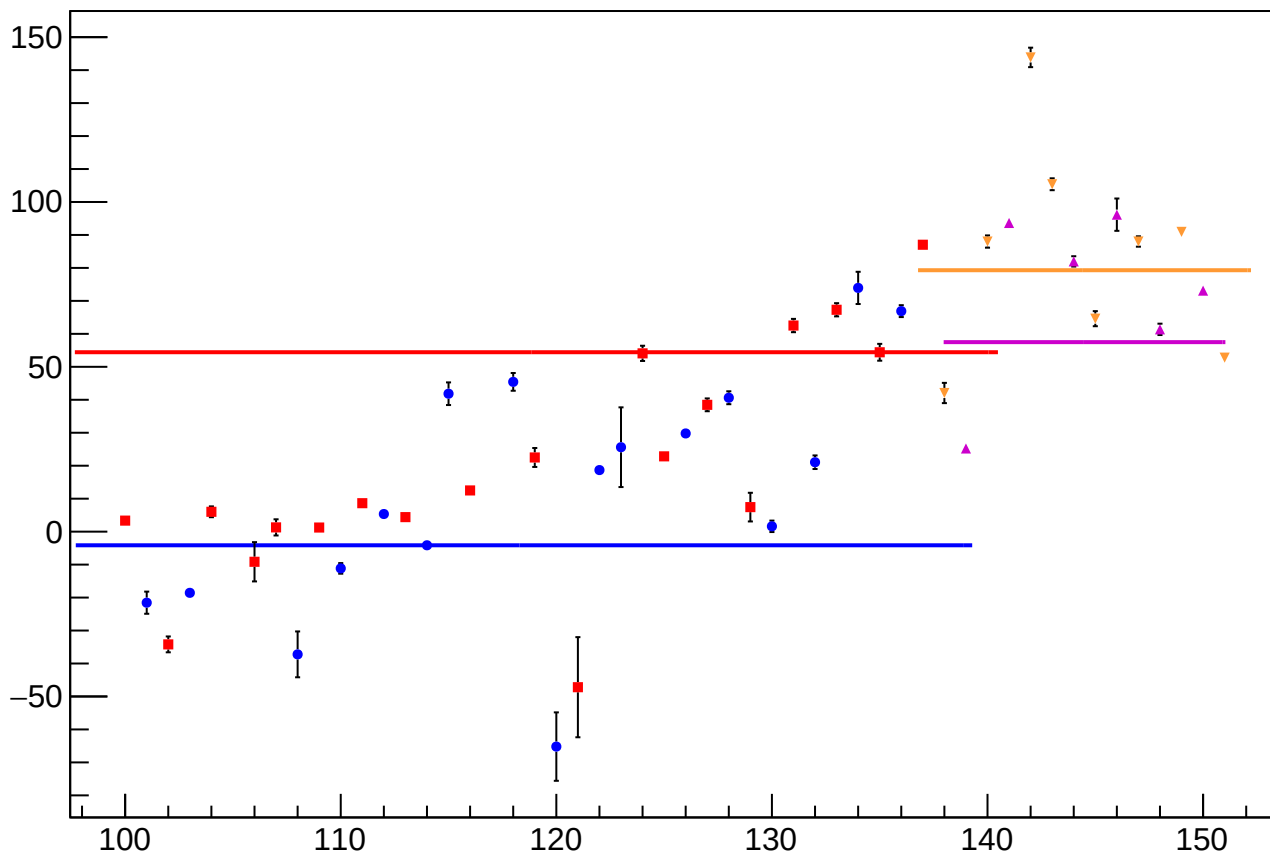
Left In: 29.911 ± 0.016 χ^2/NDF : 2390.8/5

+ sign 11.268 ± 0.000 χ^2/NDF : 2078303.8/24

All: 12.122 ± 0.000 χ^2/NDF : 7723055694978

- sign 37.191 ± 0.000 χ^2/NDF : 1328596.4/24

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 79.300 ± 0.612 χ^2/NDF : 1533.7/7

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

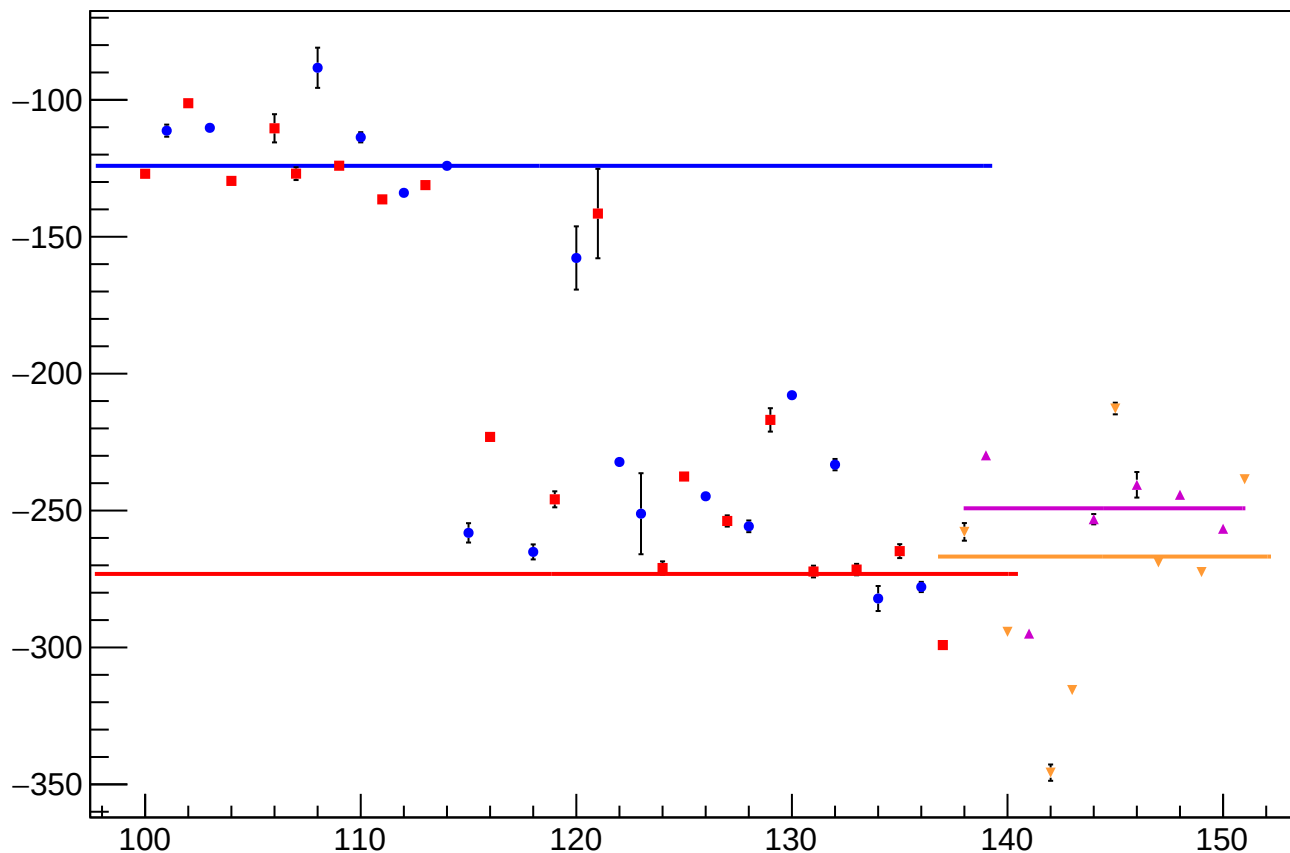
Left In: 57.486 ± 0.451 χ^2/NDF : 3460.6/5

+ sign -4.139 ± 0.000 χ^2/NDF : 24760.8/24

All: -4.139 ± 0.000 χ^2/NDF : 219269.8/49

- sign 54.808 ± 0.159 χ^2/NDF : 57499.6/24

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -266.800+/-0.604 χ^2/NDF :2975.1/7

Right Out: -273.143+/-0.113 χ^2/NDF : 280141.9/18

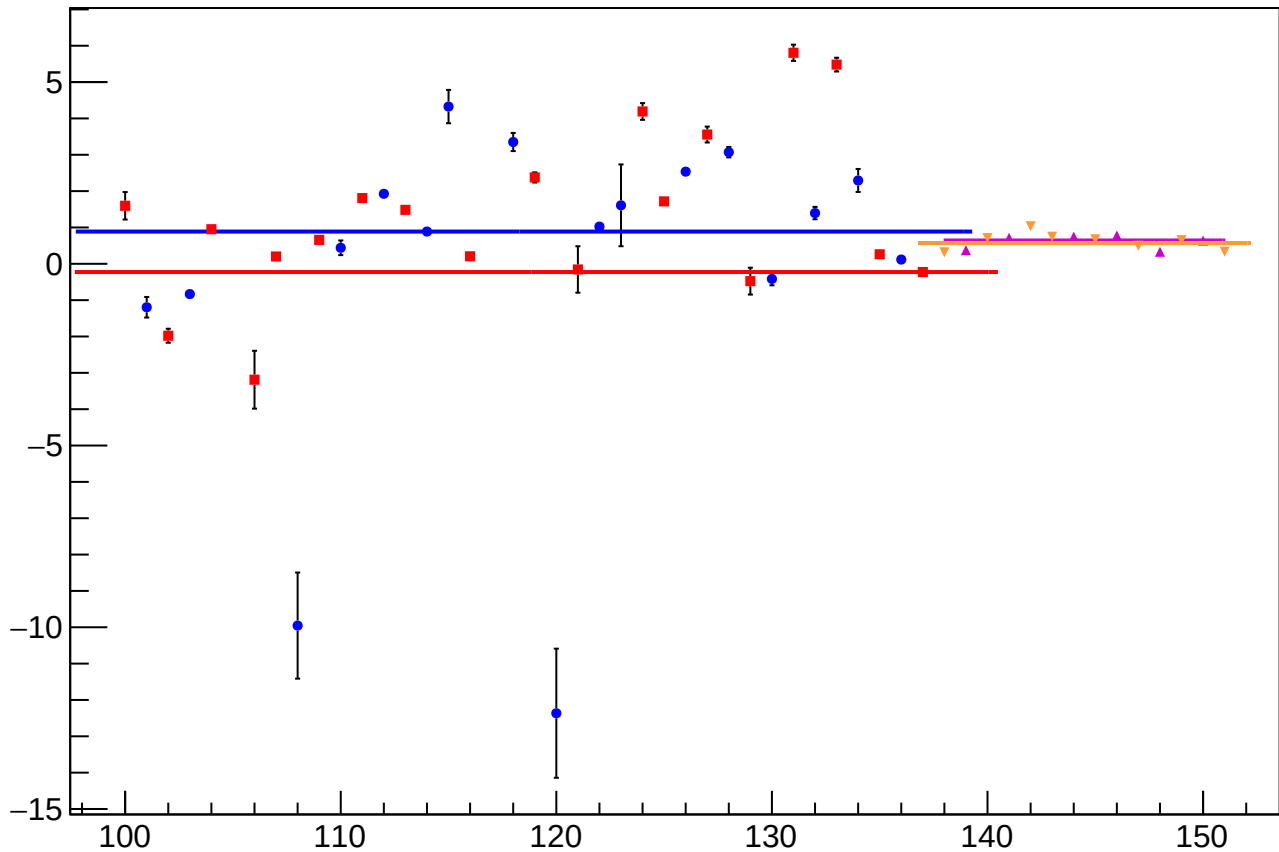
Left In: -249.174+/-0.436 χ^2/NDF :2277.4/5

+ sign -124.095+/-0.000 χ^2/NDF : 96971.9/24

All: -124.095+/-0.000 χ^2/NDF : 2210100.5/49

- sign -271.643+/-0.109 χ^2/NDF : 285249.9/24

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.572 ± 0.005 χ^2/NDF : 1634.6/7

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

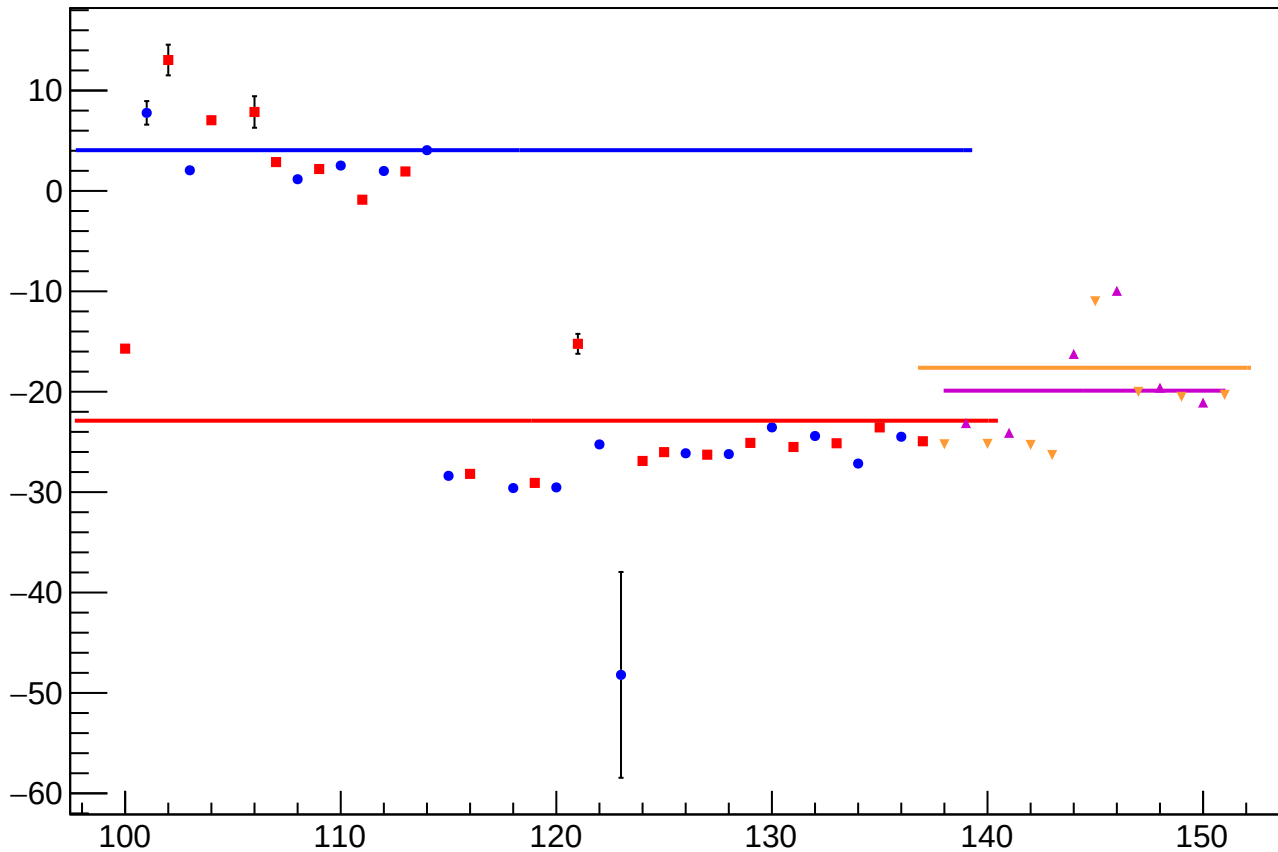
Left In: 0.642 ± 0.004 χ^2/NDF : 1055.9/5

+ sign 0.888 ± 0.000 χ^2/NDF : 15018.4/24

All: 0.888 ± 0.000 χ^2/NDF : 422231037.2/49

- sign -0.226 ± 0.000 χ^2/NDF : 44733.3/24

dit_sam4_4aY_slope vs Slug



Right In: 4.057 ± 0.000 χ^2/NDF : 1247888.2/16

Left Out: -17.612 ± 0.022 χ^2/NDF : 71552.2/7

Right Out: -22.885 ± 0.026 χ^2/NDF : 116508.9/18

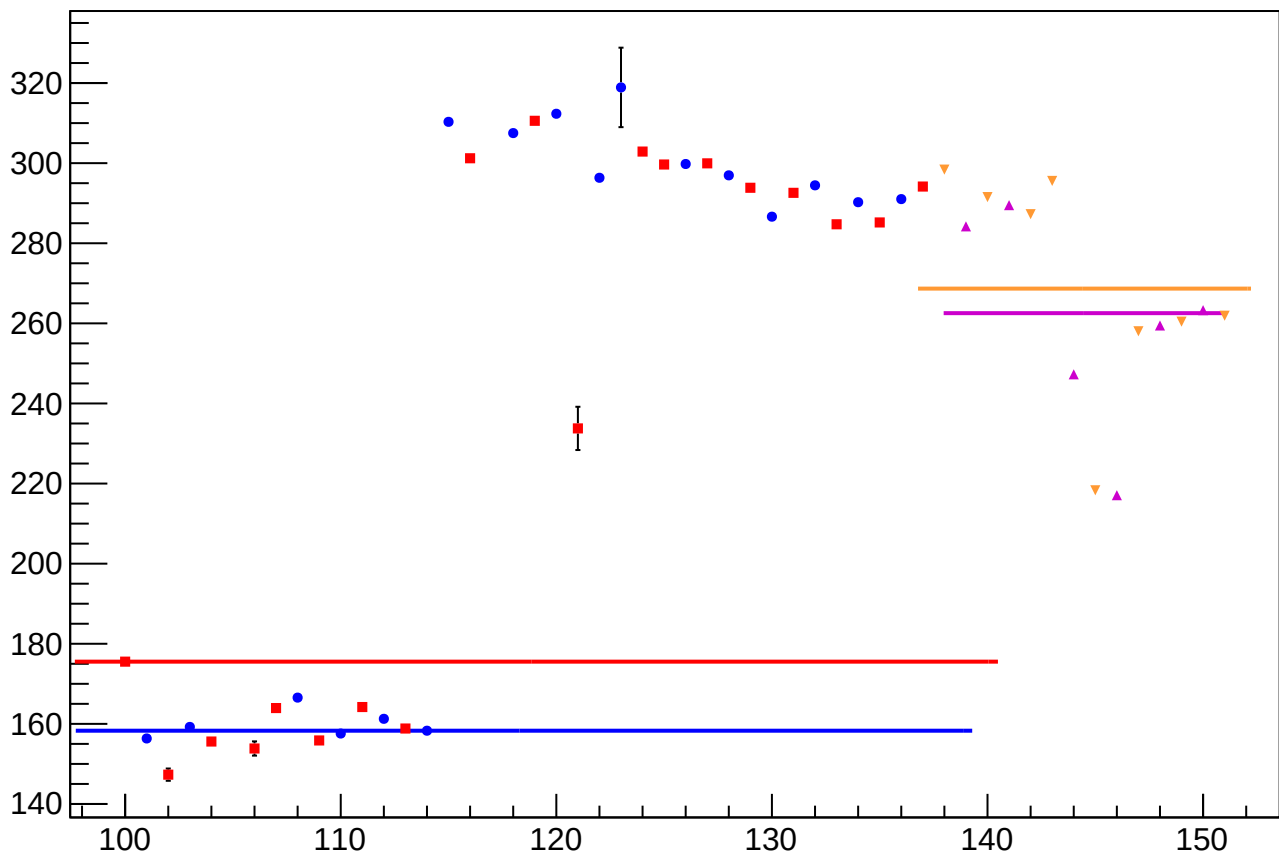
Left In: -19.894 ± 0.030 χ^2/NDF : 17820.2/5

+ sign 4.057 ± 0.000 χ^2/NDF : 2297342.9/24

All: 4.057 ± 0.000 χ^2/NDF : 4101593.8/49

- sign -21.602 ± 0.020 χ^2/NDF : 139867.6/24

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2/NDF : 2410913.3/16

Left Out: 268.677 $\pm$ 0.058 χ^2/NDF :173516.0/7

Right Out: 175.536 $\pm$ 0.000 χ^2/NDF : 2100196.2/18

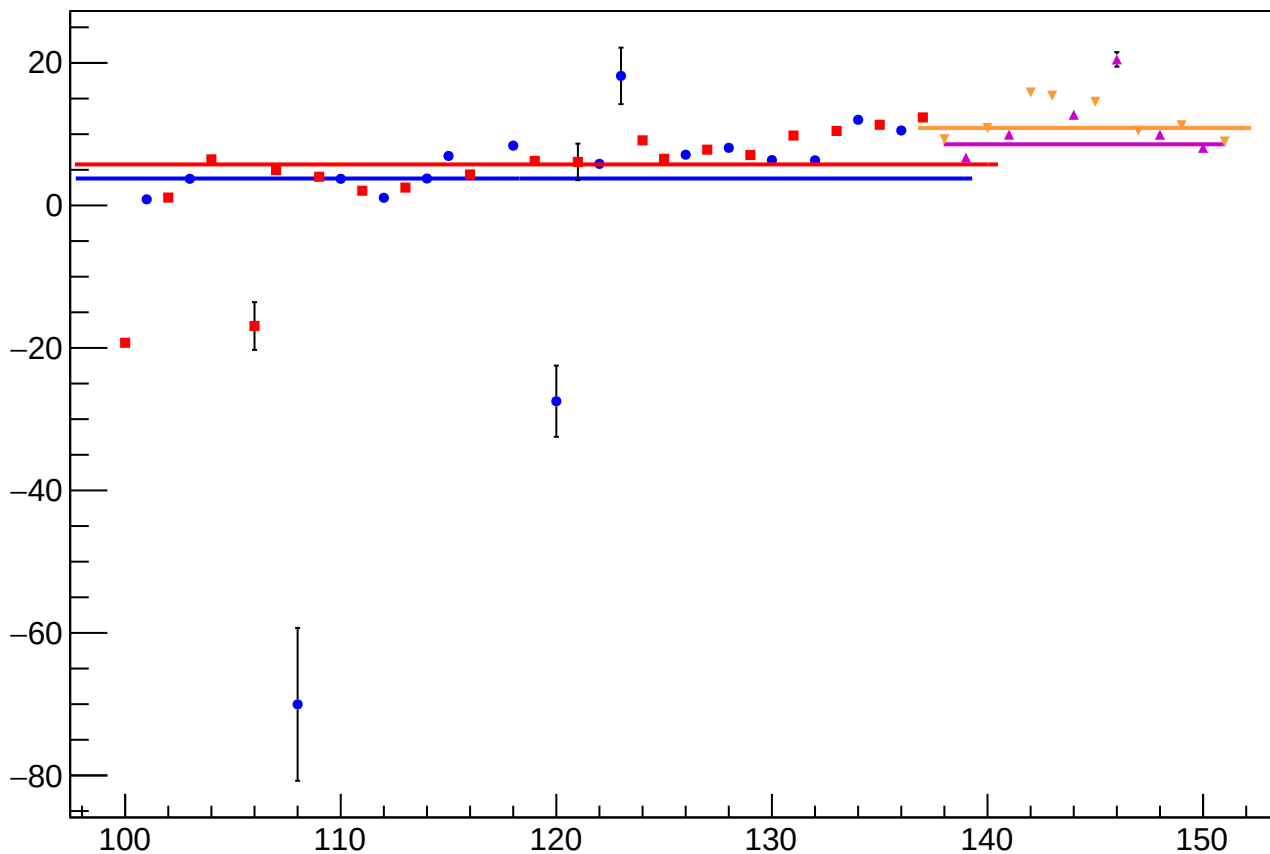
Left In: 262.548 $\pm$ 0.057 χ^2/NDF :36823.1/5

+ sign 158.293 $\pm$ 0.000 χ^2/NDF : 6213828.4/24

All: 172.618 $\pm$ 0.000 χ^2/NDF : 373727491225

- sign 175.536 $\pm$ 0.000 χ^2/NDF : 4505100.5/24

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.863 ± 0.043 χ^2/NDF : 1268.0/7

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

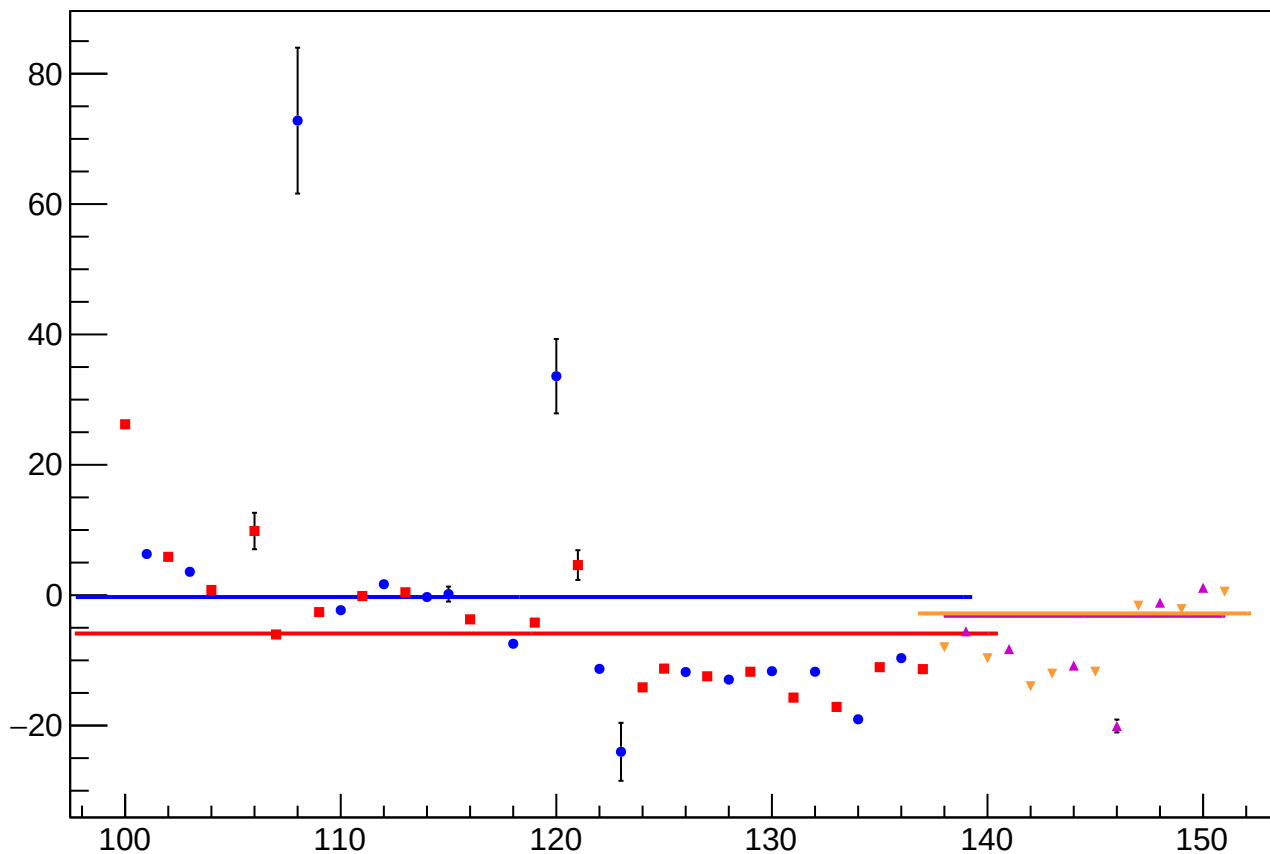
Left In: 8.580 ± 0.045 χ^2/NDF : 1472.8/5

+ sign 3.778 ± 0.000 χ^2/NDF : 34726.3/24

All: 3.778 ± 0.000 χ^2/NDF : 75916.5/49

- sign 6.460 ± 0.022 χ^2/NDF : 26760.3/24

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.800 ± 0.043 χ^2/NDF : 7210.4/7

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

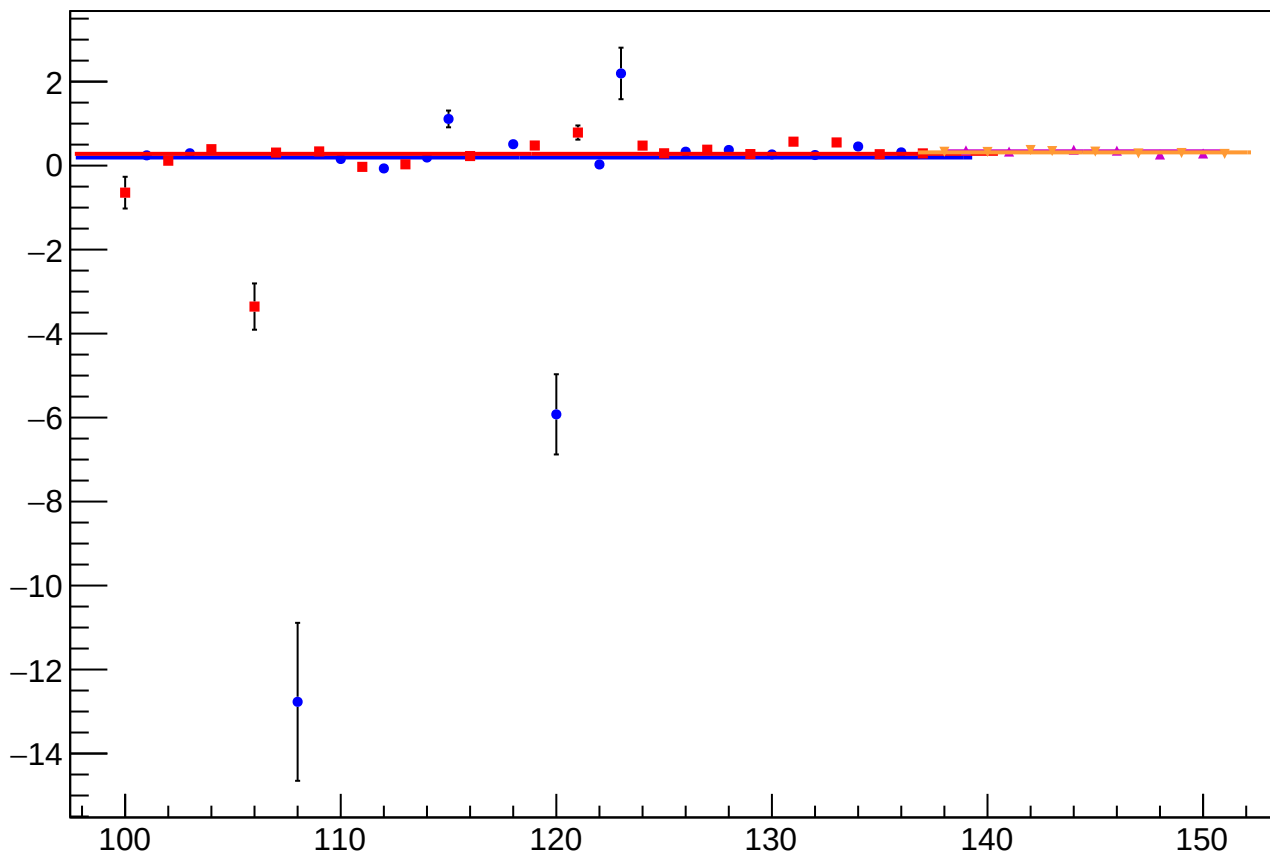
Left In: -3.164 ± 0.045 χ^2/NDF : 9252.1/5

+ sign -0.287 ± 0.000 χ^2/NDF : 54882.6/24

All: -0.287 ± 0.000 χ^2/NDF : 173918.6/49

- sign -5.166 ± 0.023 χ^2/NDF : 75376.3/24

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.315 $\pm$ 0.001 χ^2 /NDF: 792.3/7

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

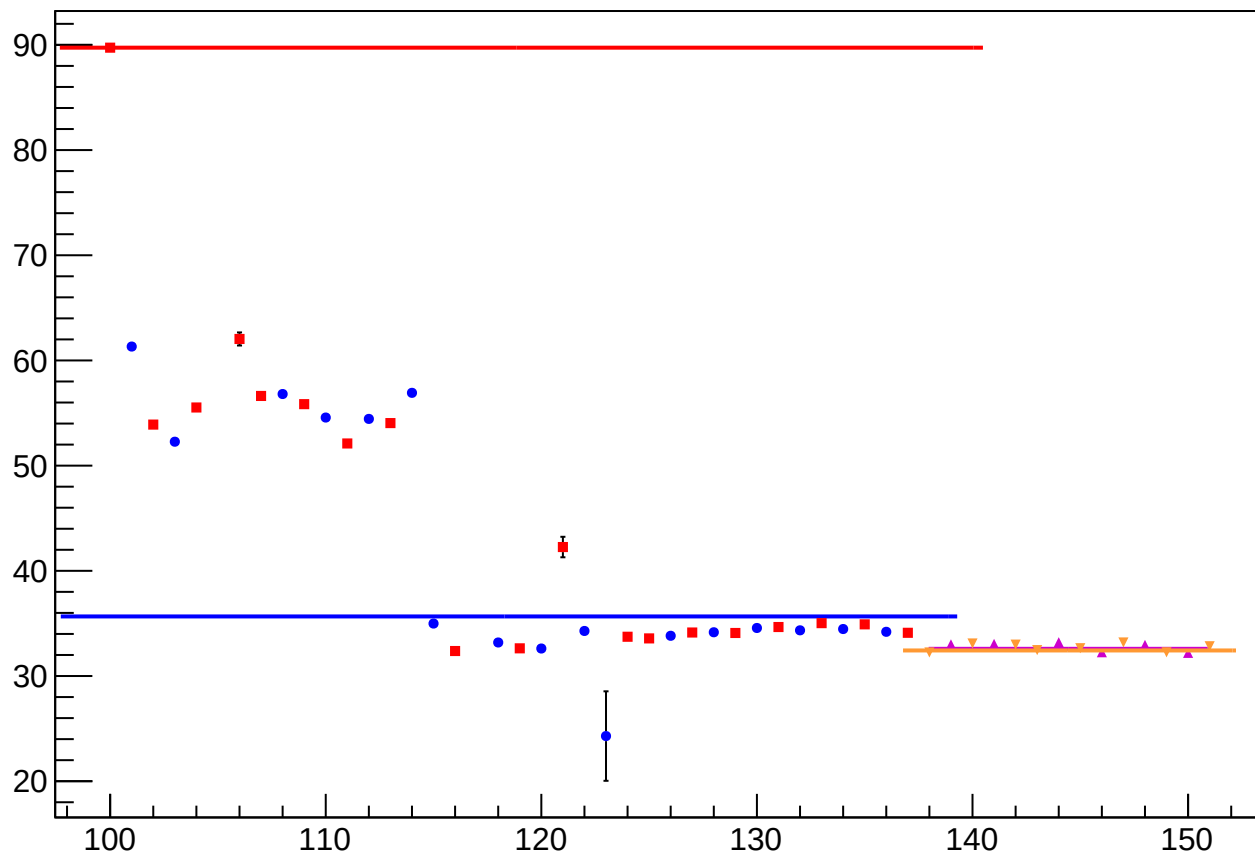
Left In: 0.341 $\pm$ 0.001 χ^2 /NDF: 2027.6/5

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 30525.4/24

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 62720.7/49

- sign 0.321 $\pm$ 0.001 χ^2 /NDF: 9216.9/24

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.430 $\pm$ 0.006 χ^2 /NDF:1892.3/7

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

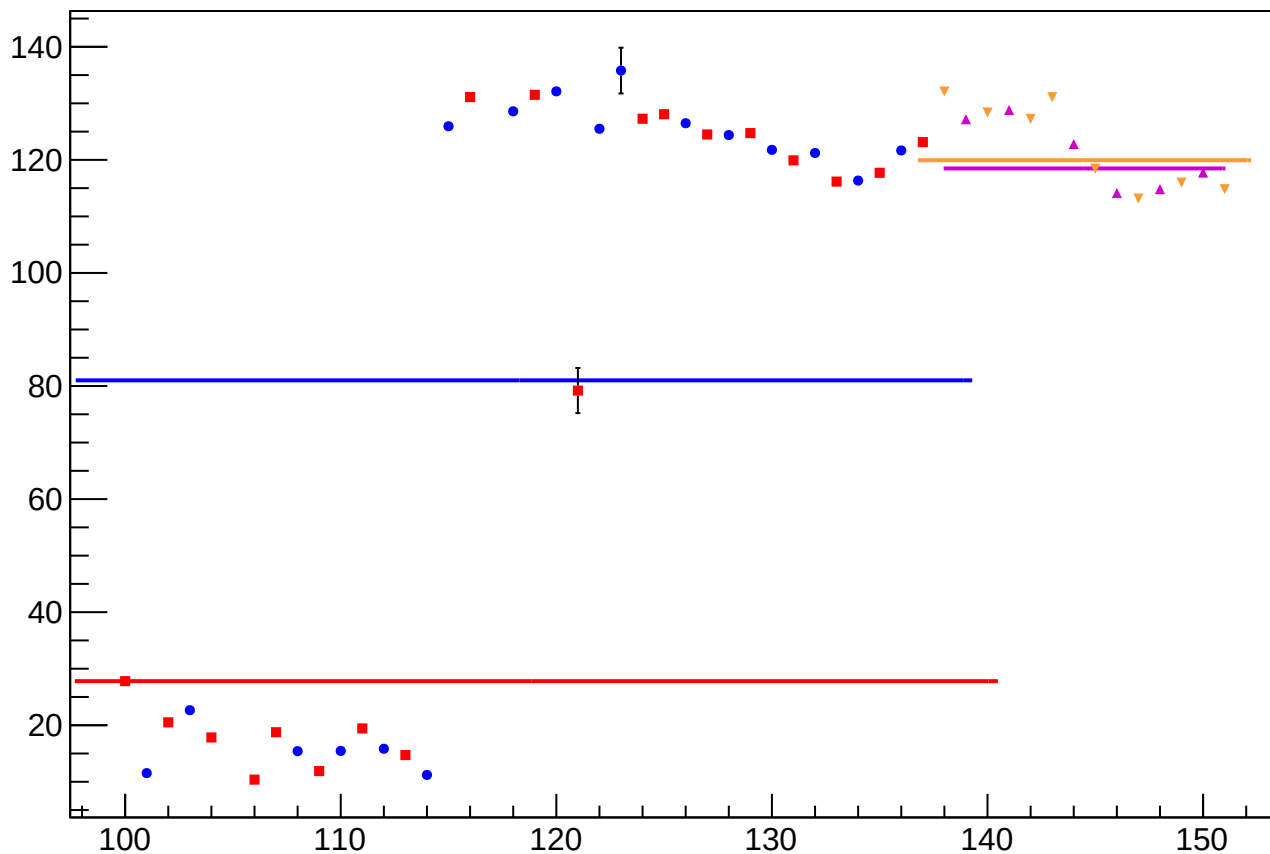
Left In: 32.586 $\pm$ 0.009 χ^2 /NDF:2134.8/5

+ sign 33.217 $\pm$ 0.006 χ^2 /NDF: 281803.1/24

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 164143383.4/49

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 62327278.7/24

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF : 2228881.4/16

Left Out: 119.943+/-0.021 χ^2/NDF : 108154.8/7

Right Out: 27.798+/-0.000 χ^2/NDF : 9183707.8/18

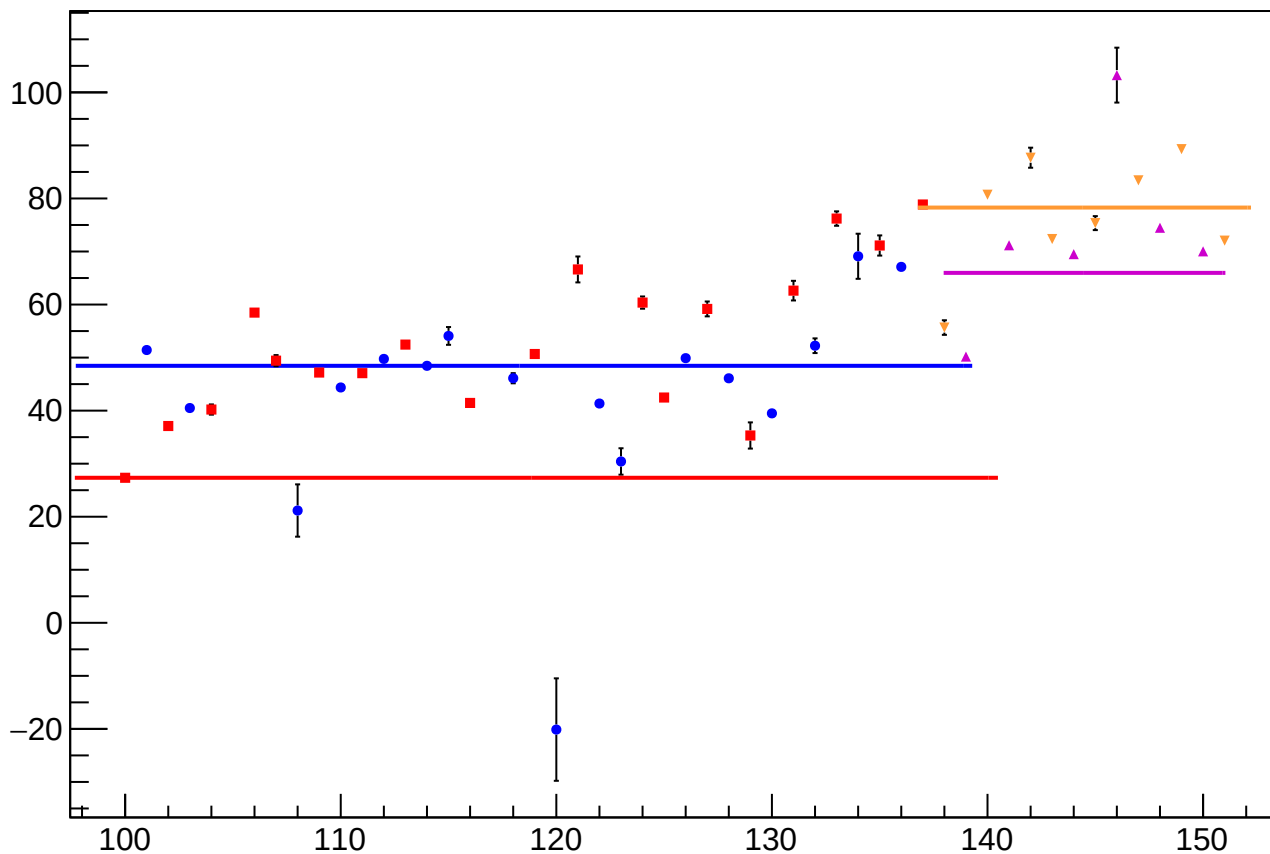
Left In: 118.486+/-0.024 χ^2/NDF : 27605.5/5

+ sign 109.618+/-0.018 χ^2/NDF : 3271344.8/24

All: 27.798+/-0.000 χ^2/NDF : 48213964.8/49

- sign 27.798+/-0.000 χ^2/NDF : 23770932.8/24

dit_sam6_4aX_slope vs Slug



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 78.284 $\pm$ 0.283 χ^2 /NDF:827.0/7

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

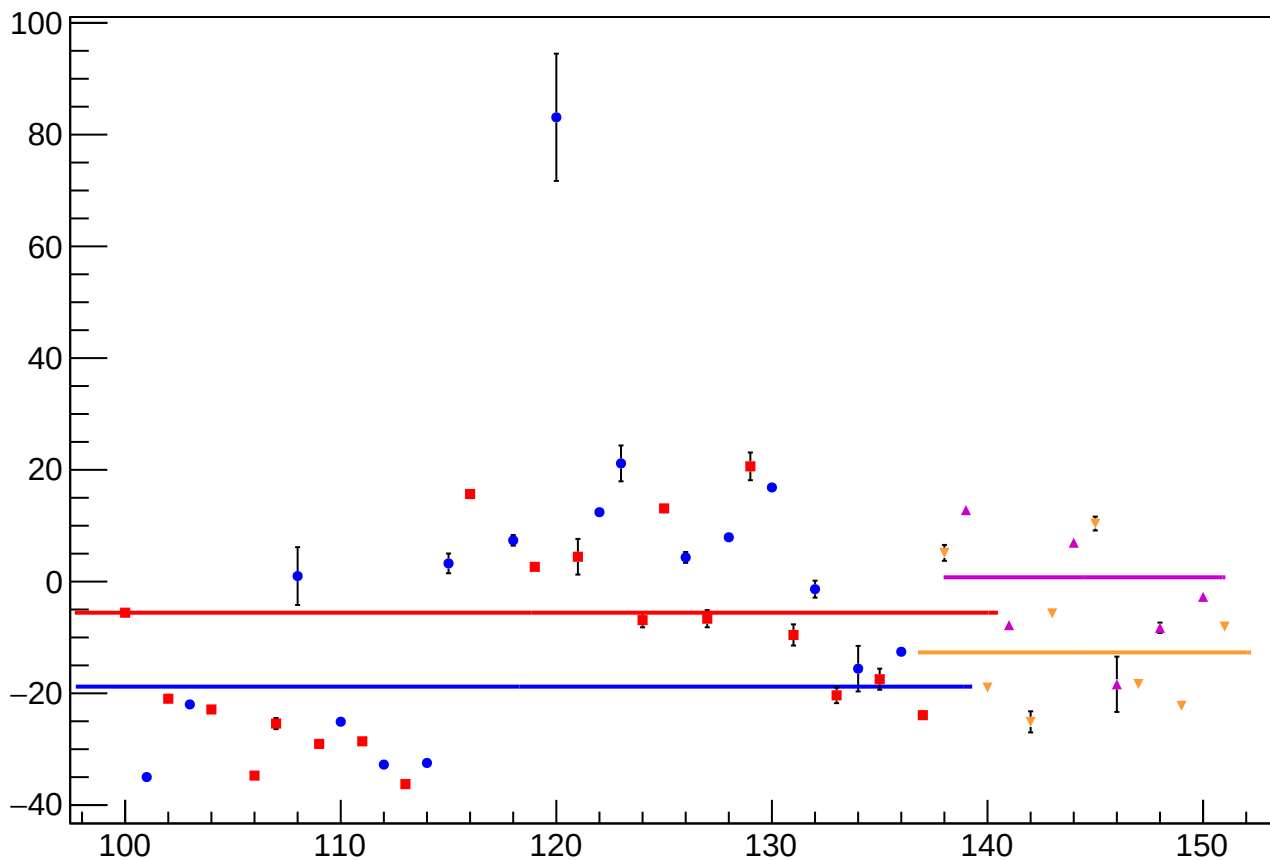
Left In: 65.972 $\pm$ 0.244 χ^2 /NDF:1316.9/5

+ sign 48.450 $\pm$ 0.000 χ^2 /NDF: 14653.1/24

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 102629010488

- sign 27.342 $\pm$ 0.000 χ^2 /NDF: 52280.1/24

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: -12.684 ± 0.281 χ^2/NDF : 1055.2/7

Right Out: -5.568 ± 0.000 χ^2/NDF : 23097.3/18

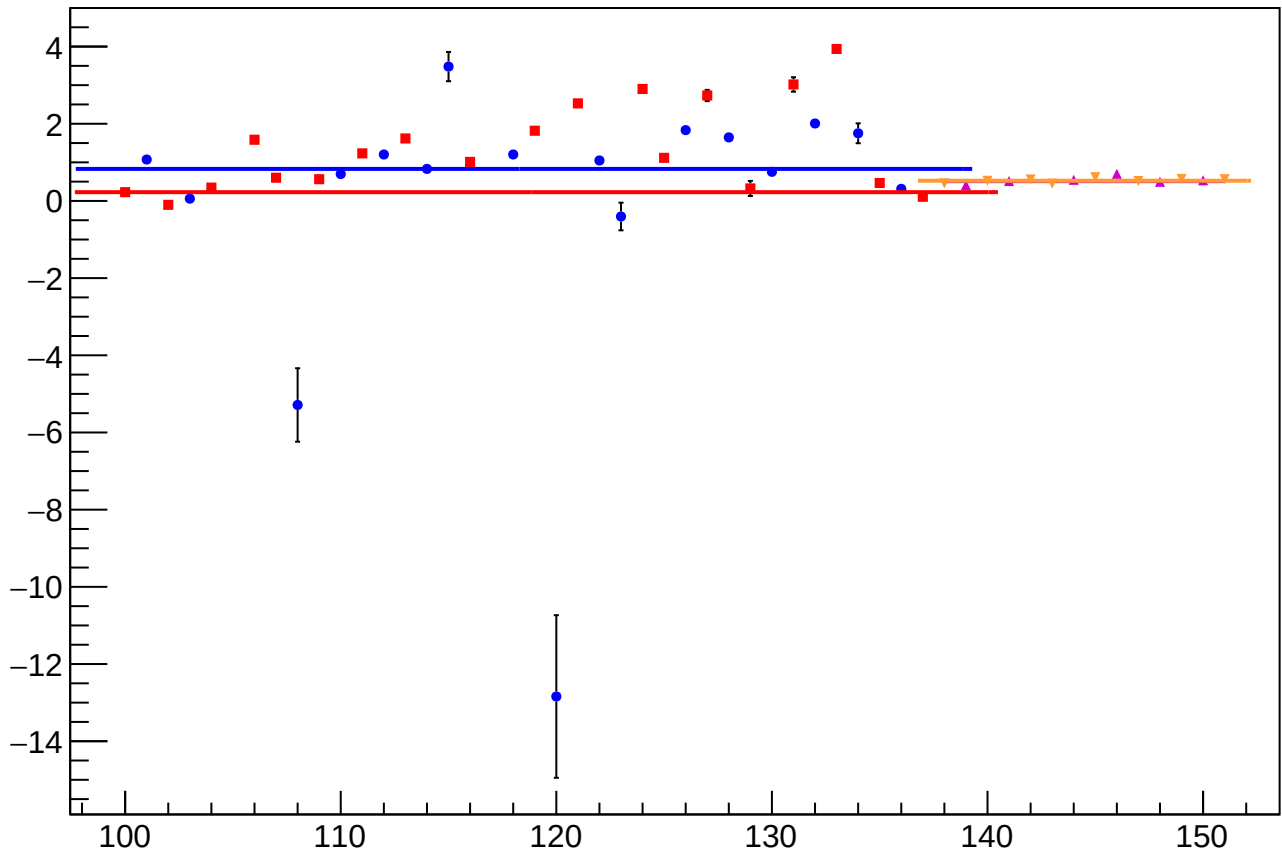
Left In: 0.763 ± 0.238 χ^2/NDF : 1103.0/5

+ sign -17.463 ± 0.131 χ^2/NDF : 13190.9/24

All: -5.568 ± 0.000 χ^2/NDF : 46318.8/49

- sign -5.568 ± 0.000 χ^2/NDF : 24909.6/24

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.524 ± 0.002 χ^2/NDF : 637.8/7

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

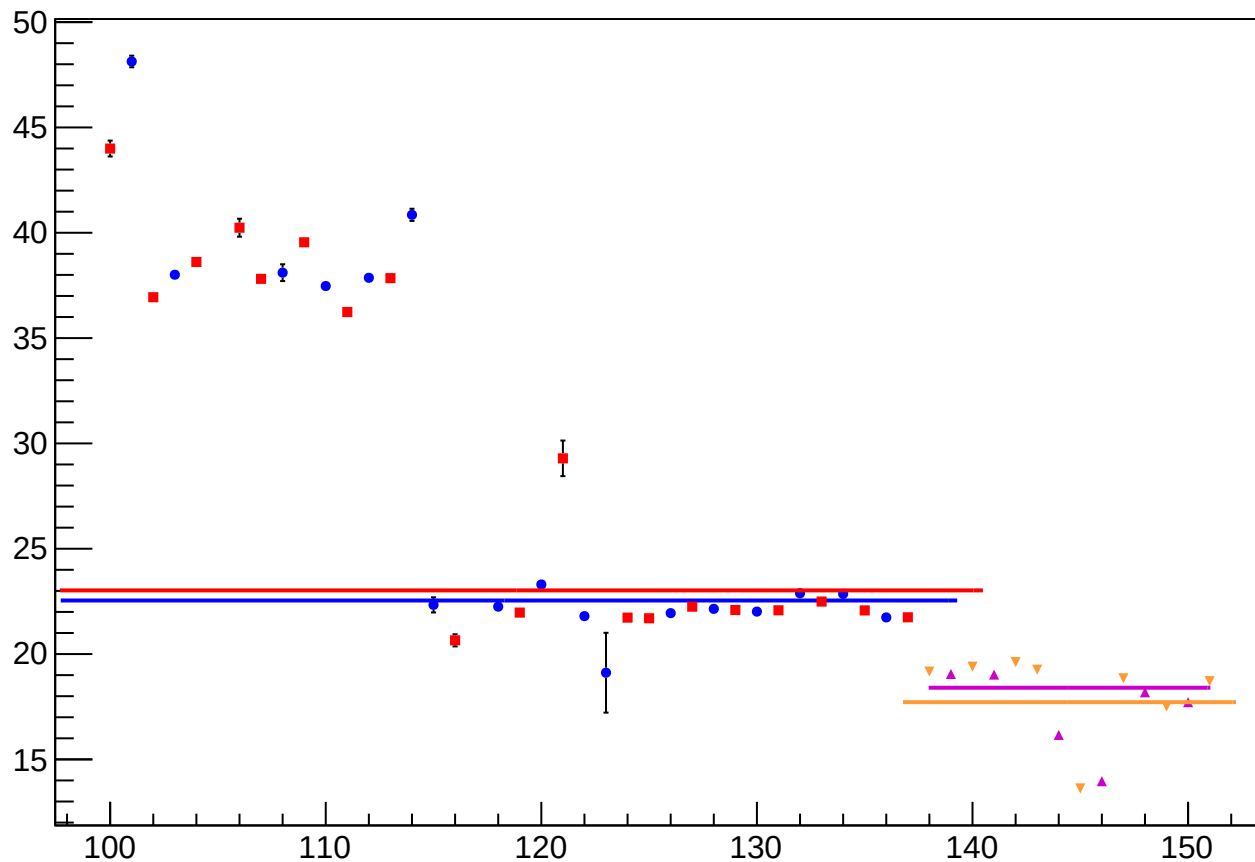
Left In: 0.513 ± 0.002 χ^2/NDF : 498.3/5

+ sign 0.830 ± 0.000 χ^2/NDF : 43693.6/24

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 31806.4/24

dit_sam6_4aY_slope vs Slug



Right In: 22.543 $\pm$ 0.009 χ^2/NDF : 105452.8/16

Left Out: 17.717 $\pm$ 0.009 χ^2/NDF : 68925.1/7

Right Out: 23.023 $\pm$ 0.009 χ^2/NDF : 165838.0/18

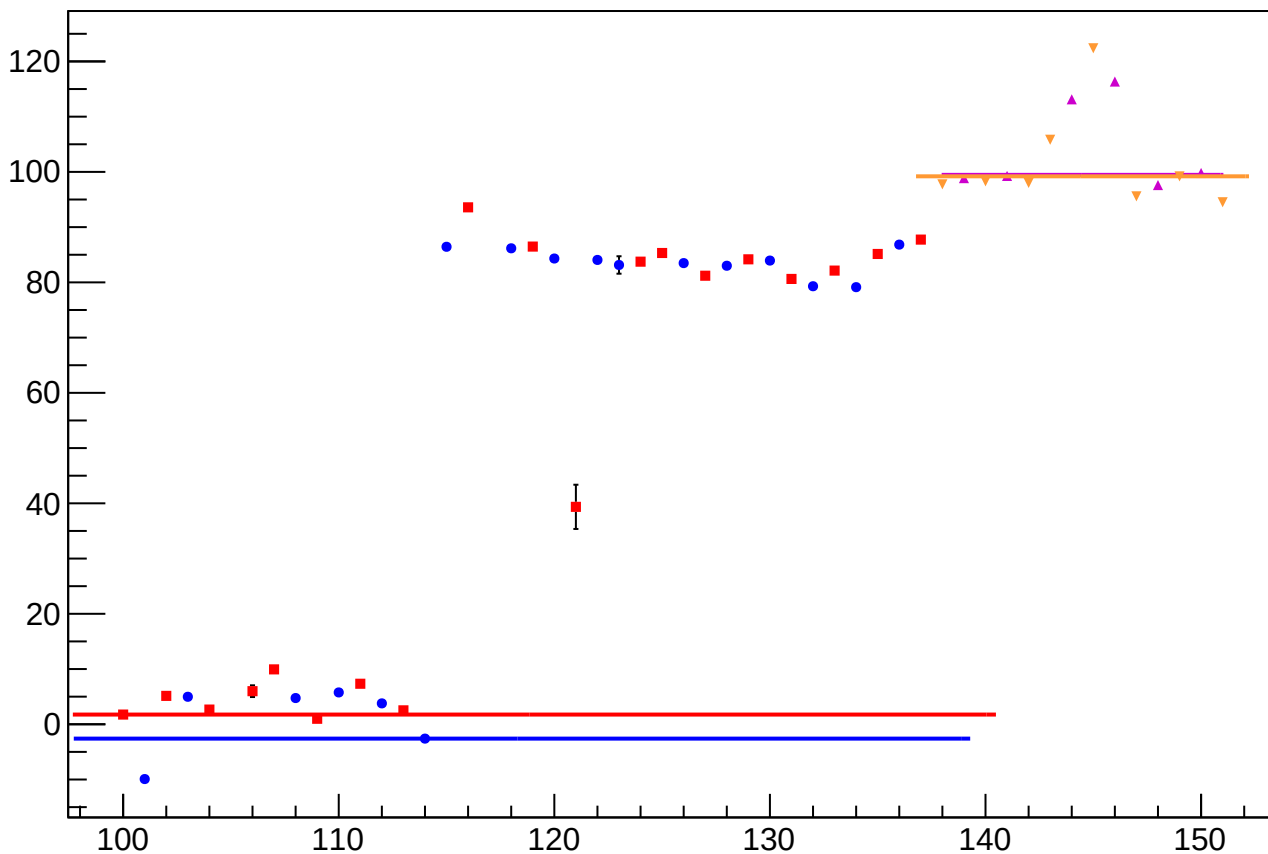
Left In: 18.402 $\pm$ 0.013 χ^2/NDF : 8079.7/5

+ sign 19.958 $\pm$ 0.006 χ^2/NDF : 318340.0/24

All: 20.628 $\pm$ 0.005 χ^2/NDF : 601531.7/49

- sign 21.561 $\pm$ 0.007 χ^2/NDF : 256469.8/24

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.199+/-0.017 χ^2/NDF : 67653.0/7

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

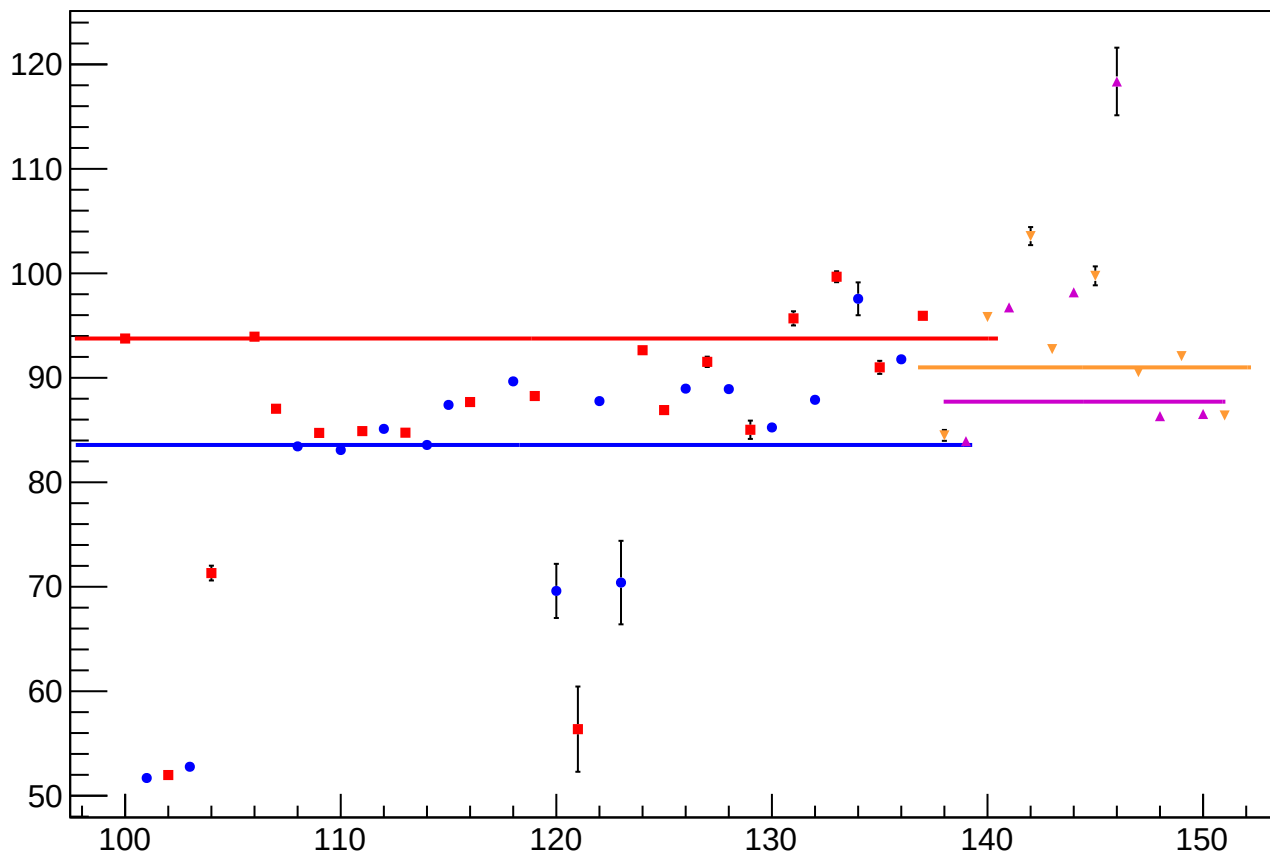
Left In: 99.463+/-0.021 χ^2/NDF : 5494.1/5

+ sign -2.596+/-0.000 χ^2/NDF : 44492763.7/24

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

- sign 1.758+/-0.000 χ^2/NDF : 25953810.9/24

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 90.999+/-0.114 χ^2/NDF : 1189.6/7

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

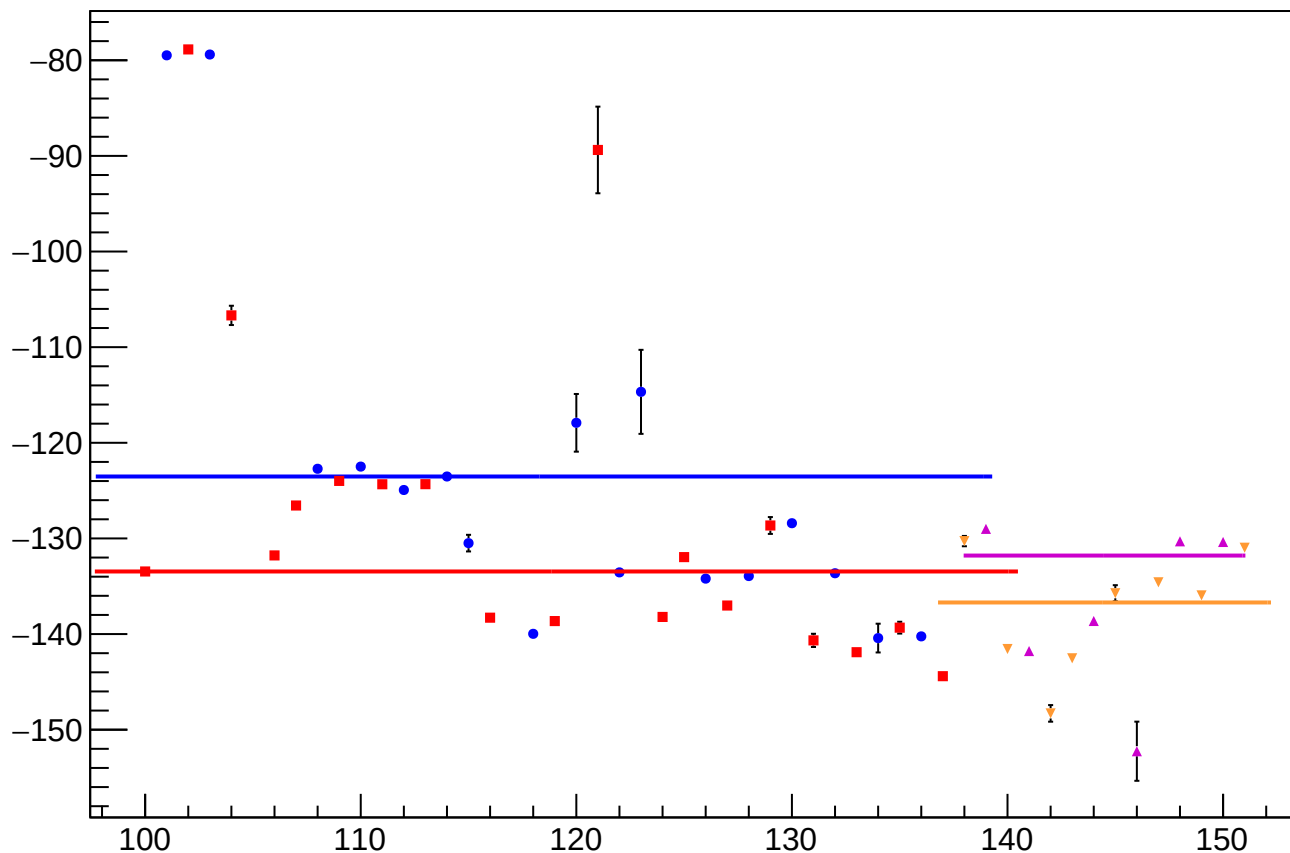
Left In: 87.717+/-0.100 χ^2/NDF : 2251.8/5

+ sign 83.573+/-0.000 χ^2/NDF : 54923.0/24

All: 87.169+/-0.000 χ^2/NDF : 1995684404141

- sign 93.762+/-0.000 χ^2/NDF : 88729.0/24

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 160356.5/16$

Left Out: -136.697 ± 0.114 $\chi^2/\text{NDF}: 1811.6/7$

Right Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 394896.3/18$

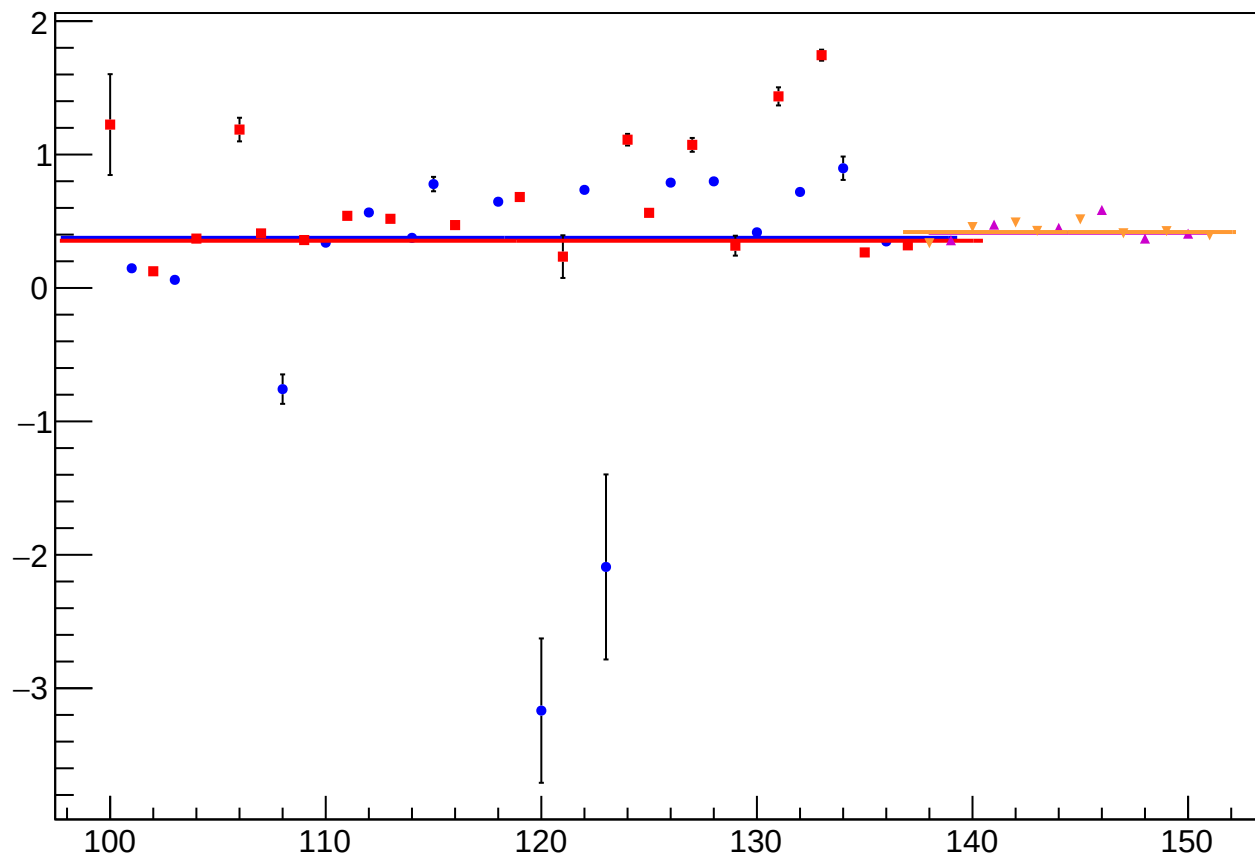
Left In: -131.792 ± 0.097 $\chi^2/\text{NDF}: 1892.0/5$

+ sign -123.524 ± 0.000 $\chi^2/\text{NDF}: 175531.3/24$

All: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901$

- sign -133.456 ± 0.000 $\chi^2/\text{NDF}: 397082.9/24$

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.419 $\pm$ 0.001 χ^2 /NDF: 870.0/7

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

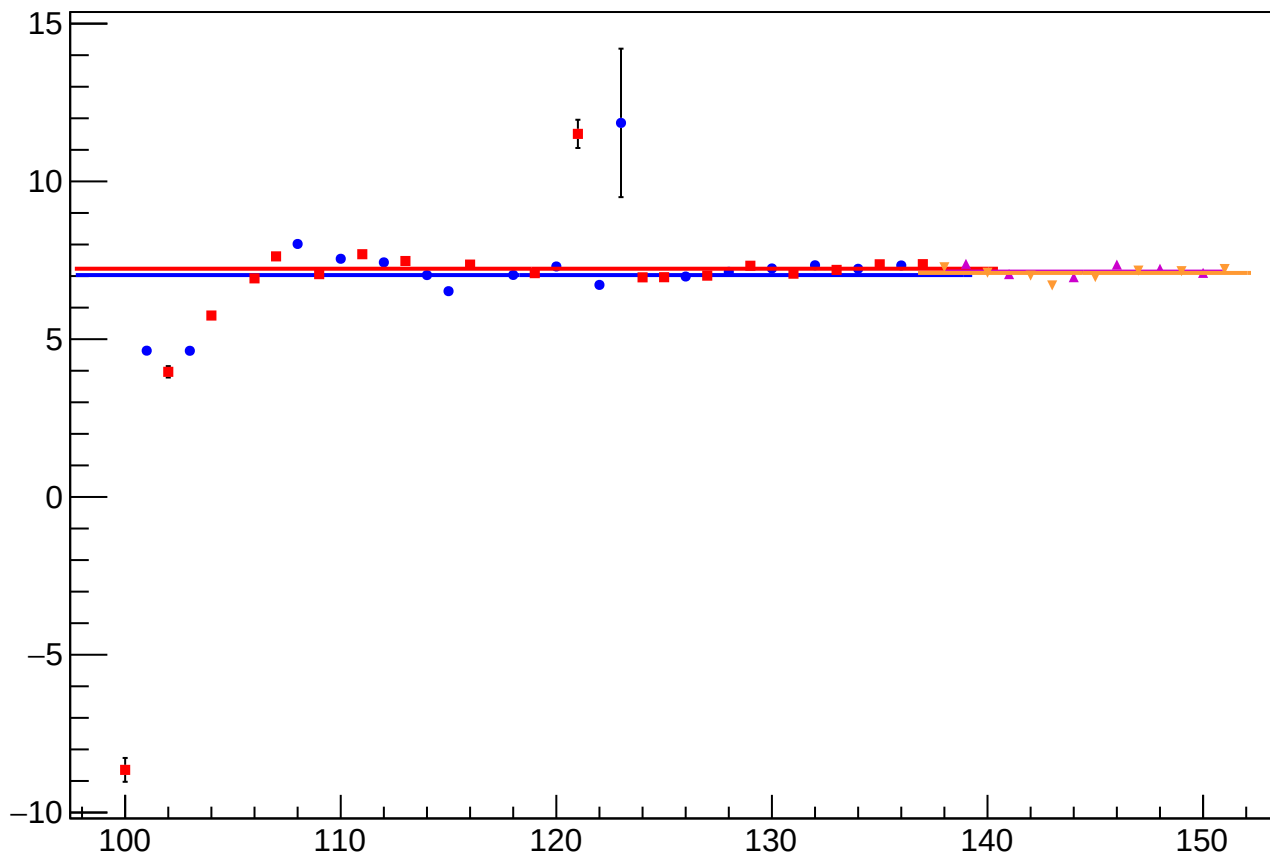
Left In: 0.414 $\pm$ 0.001 χ^2 /NDF: 2851.5/5

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 7536.5/24

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 16973.2/49

- sign 0.398 $\pm$ 0.001 χ^2 /NDF: 8602.3/24

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.100 ± 0.001 χ^2/NDF : 13049.7/7

Right Out: 7.233 ± 0.002 χ^2/NDF : 10061.8/18

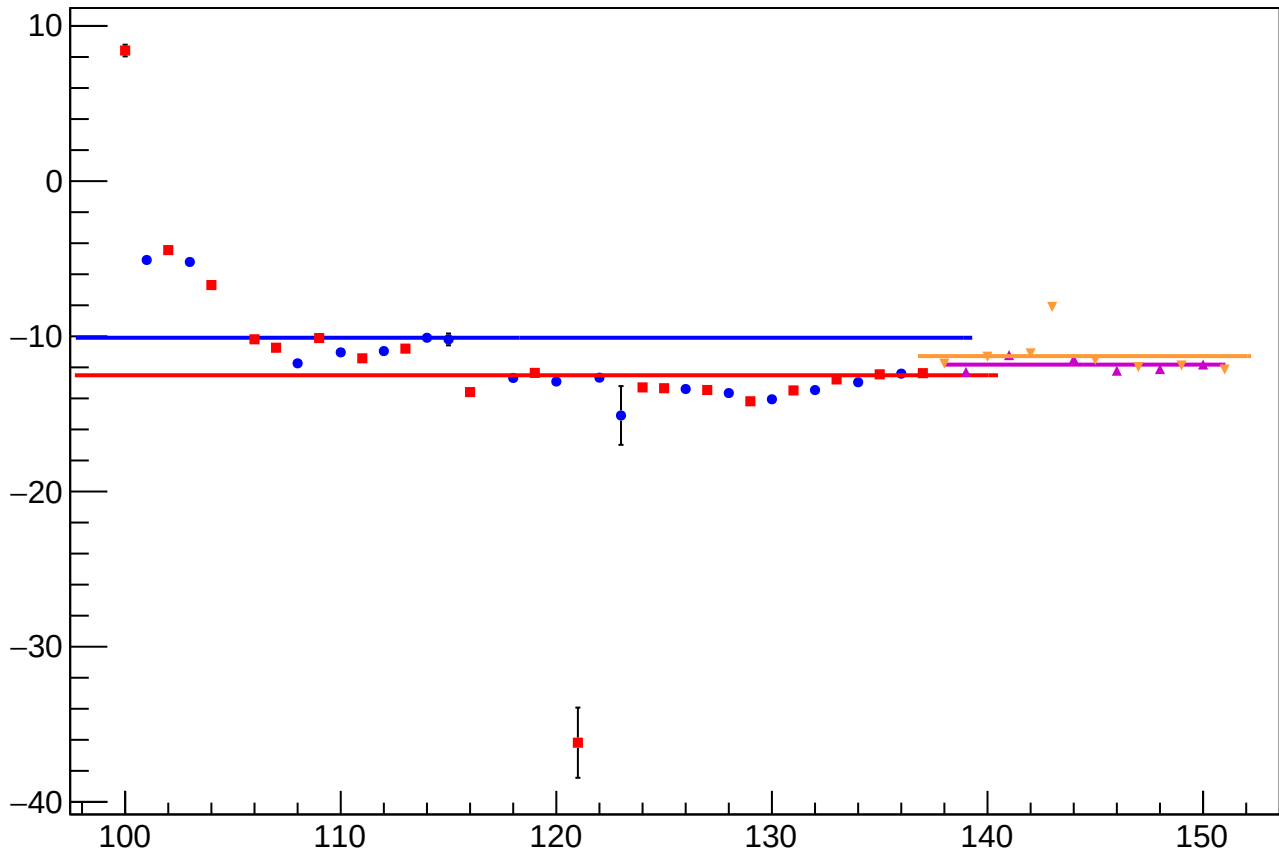
Left In: 7.142 ± 0.002 χ^2/NDF : 6439.6/5

+ sign 7.032 ± 0.000 χ^2/NDF : 34888.9/24

All: 7.032 ± 0.000 χ^2/NDF : 62491.7/49

- sign 7.174 ± 0.001 χ^2/NDF : 17442.7/24

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.275 ± 0.003 χ^2/NDF : 348203.2/7

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

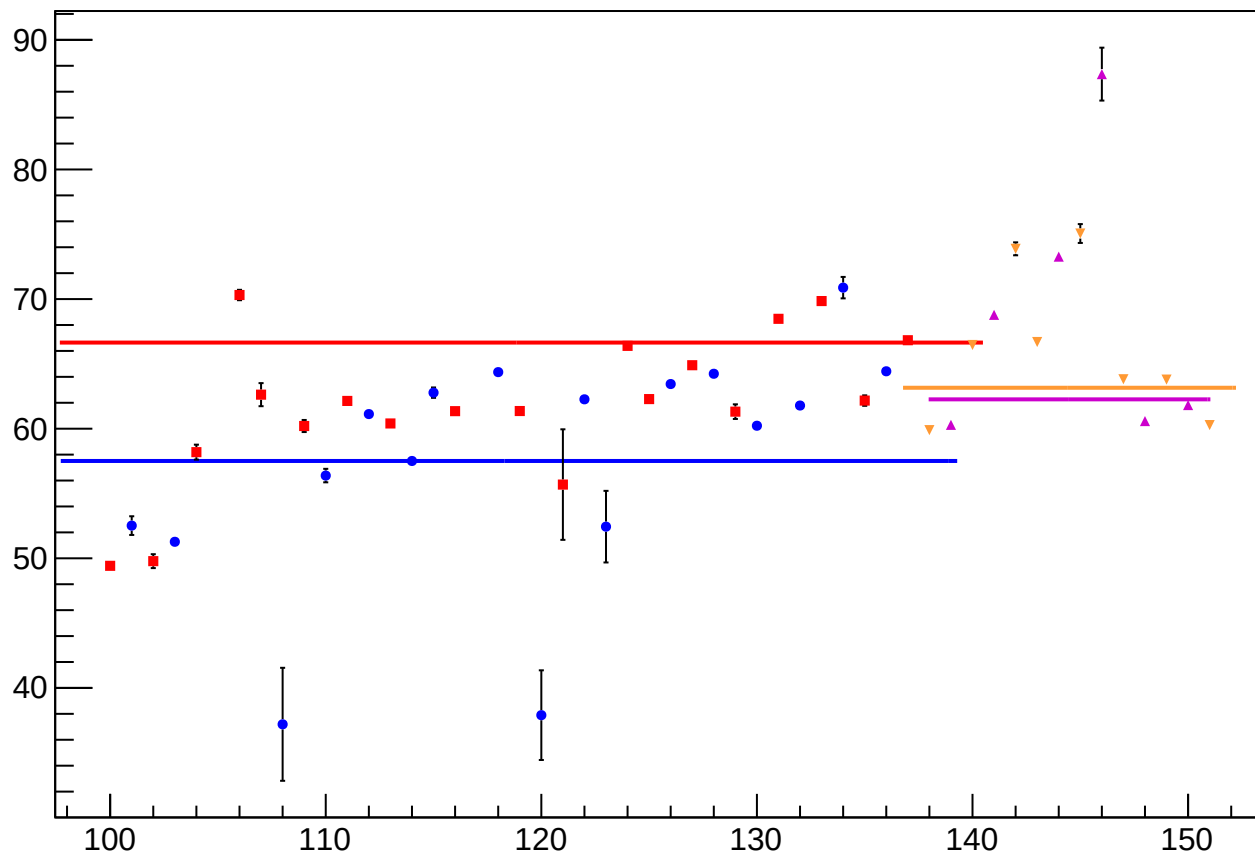
Left In: -11.823 ± 0.004 χ^2/NDF : 7267.1/5

+ sign -10.092 ± 0.000 χ^2/NDF : 1108625.1/24

All: -10.092 ± 0.000 χ^2/NDF : 1847042.0/49

- sign -12.166 ± 0.003 χ^2/NDF : 127480.2/24

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 63.159 $\pm$ 0.066 χ^2 /NDF:2238.6/7

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

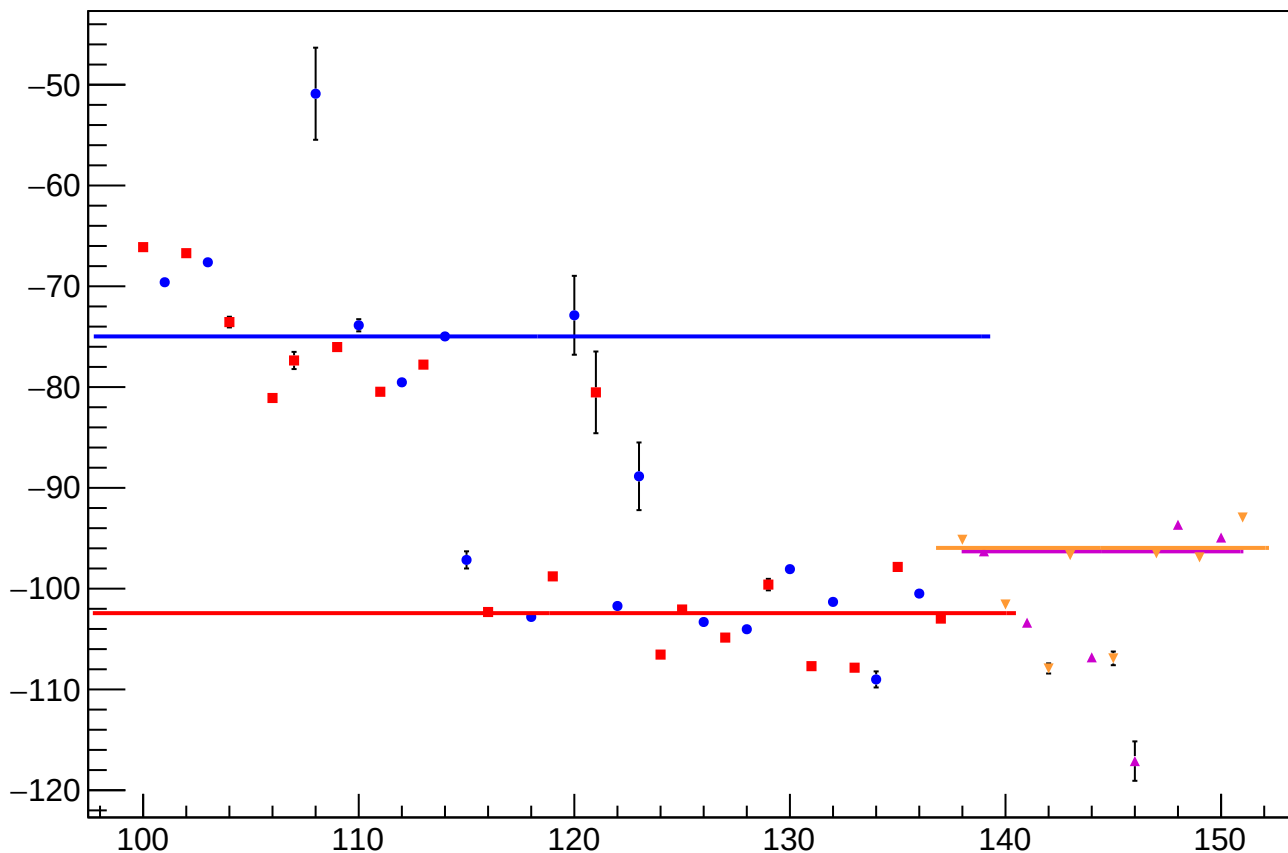
Left In: 62.263 $\pm$ 0.062 χ^2 /NDF:2549.0/5

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 17619.2/24

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 522385.3/49

- sign 66.458 $\pm$ 0.013 χ^2 /NDF: 15501.1/24

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -95.958 ± 0.068 $\chi^2/\text{NDF}: 2228.8/7$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

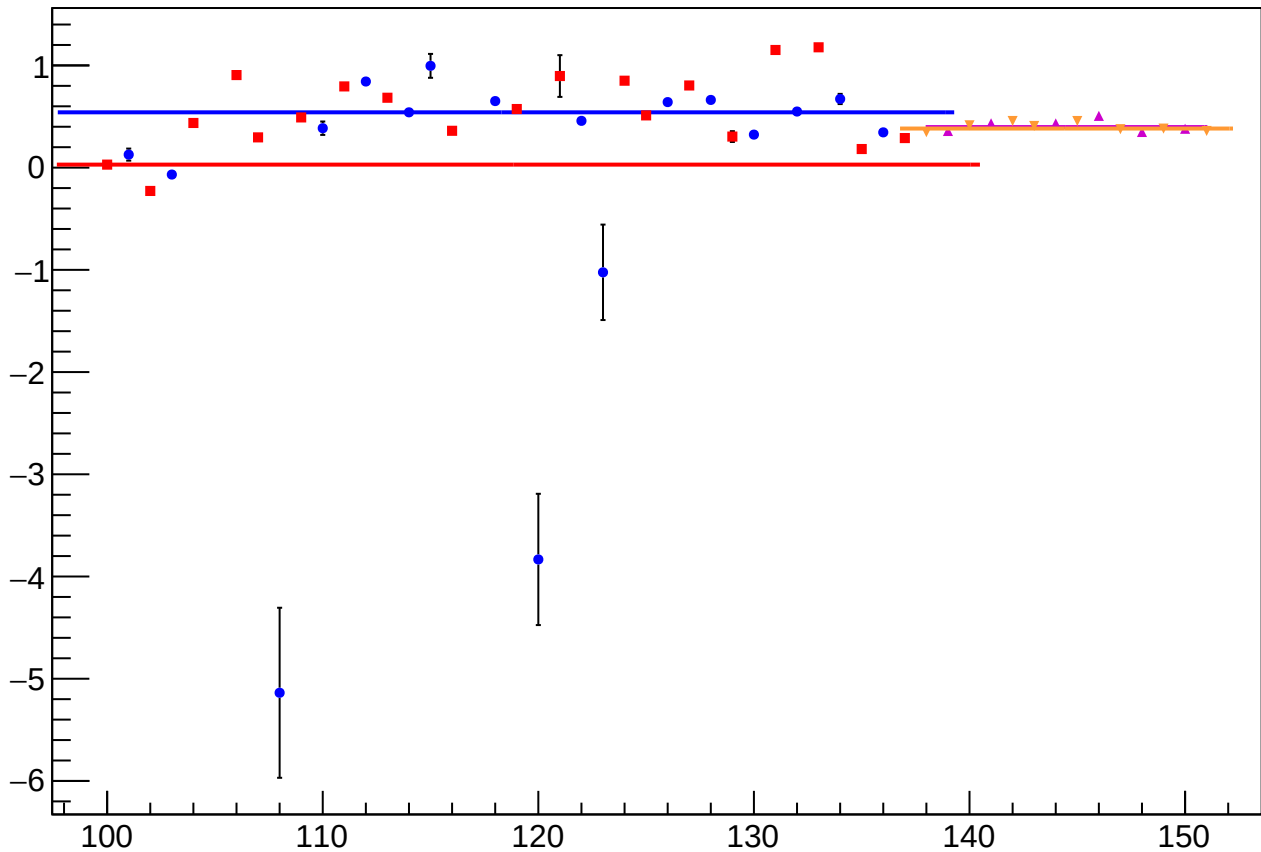
Left In: -96.300 ± 0.065 $\chi^2/\text{NDF}: 2766.9/5$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 229096.9/24$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2767120.6/49$

- sign -101.996 ± 0.017 $\chi^2/\text{NDF}: 61534.3/24$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF : 29180.5/16

Left Out: 0.382+/-0.001 χ^2/NDF : 1152.2/7

Right Out: 0.030+/-0.000 χ^2/NDF : 121659.5/18

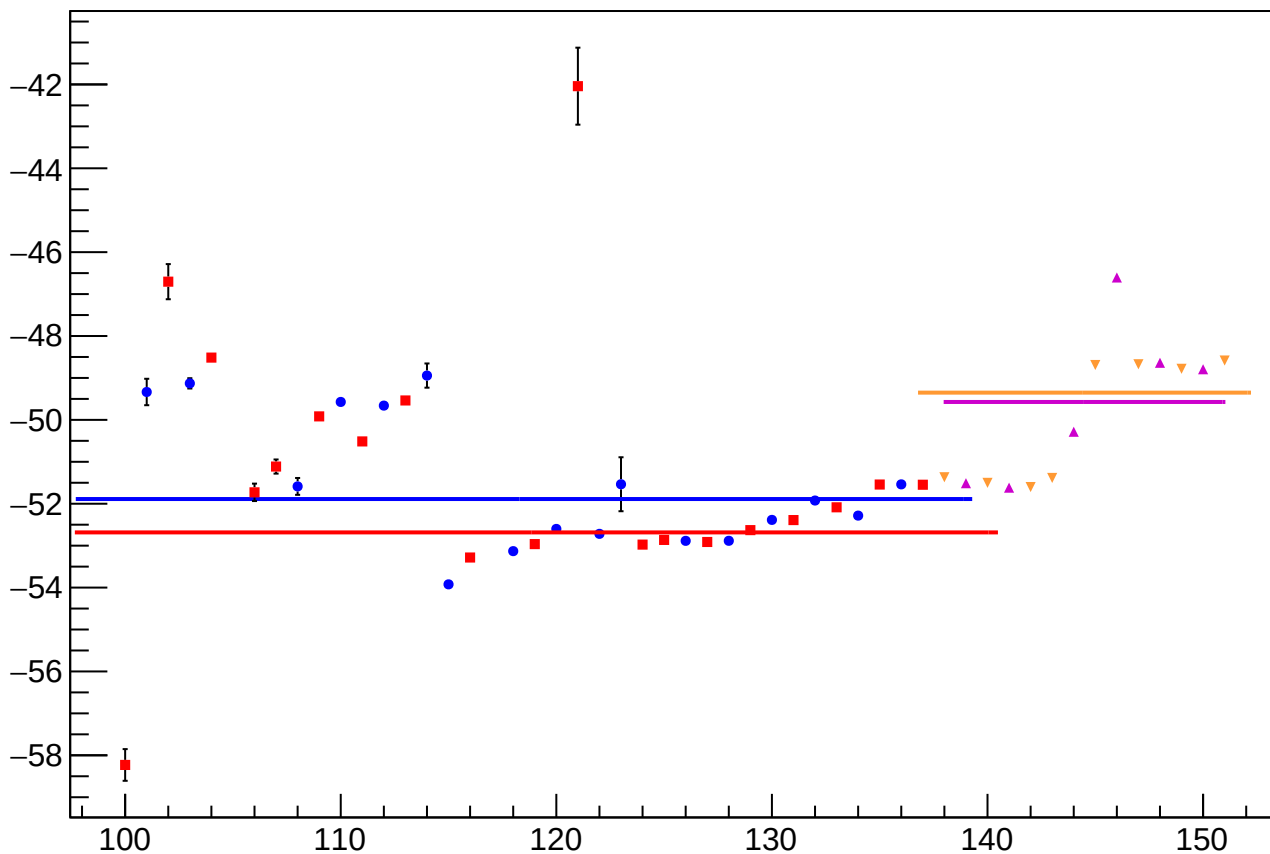
Left In: 0.397+/-0.001 χ^2/NDF : 2086.7/5

+ sign 0.541+/-0.000 χ^2/NDF : 91535.9/24

All: 0.030+/-0.000 χ^2/NDF : 23314297700963

- sign 0.030+/-0.000 χ^2/NDF : 379062.7/24

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -49.350 ± 0.002 χ^2/NDF : 296200.6/7

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

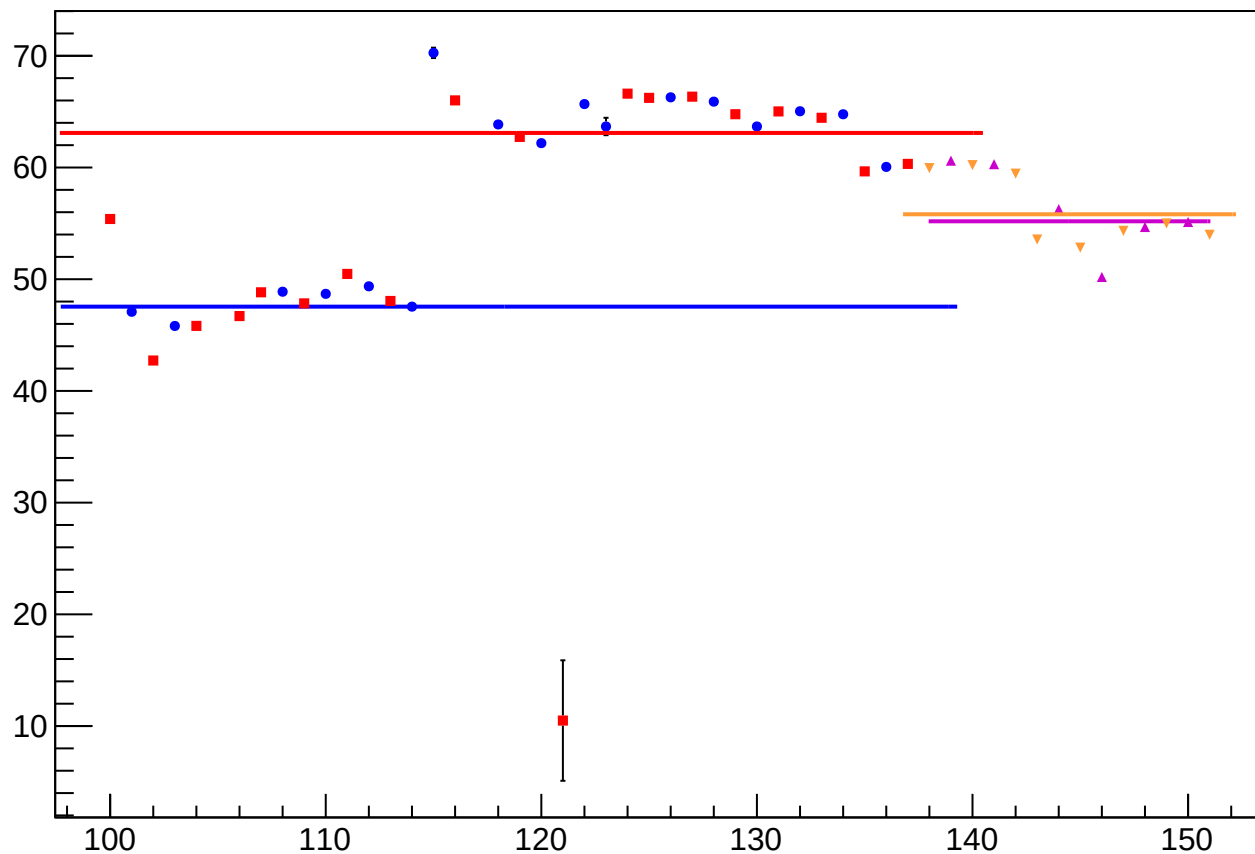
Left In: -49.573 ± 0.002 χ^2/NDF : 391404.8/5

+ sign -50.558 ± 0.002 χ^2/NDF : 1053365.5/24

All: -50.688 ± 0.001 χ^2/NDF : 2394780.0/49

- sign -50.833 ± 0.002 χ^2/NDF : 1326397.4/24

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 55.814+/-0.006 χ^2/NDF : 202161.1/7

Right Out: 63.095+/-0.007 χ^2/NDF : 333637.2/18

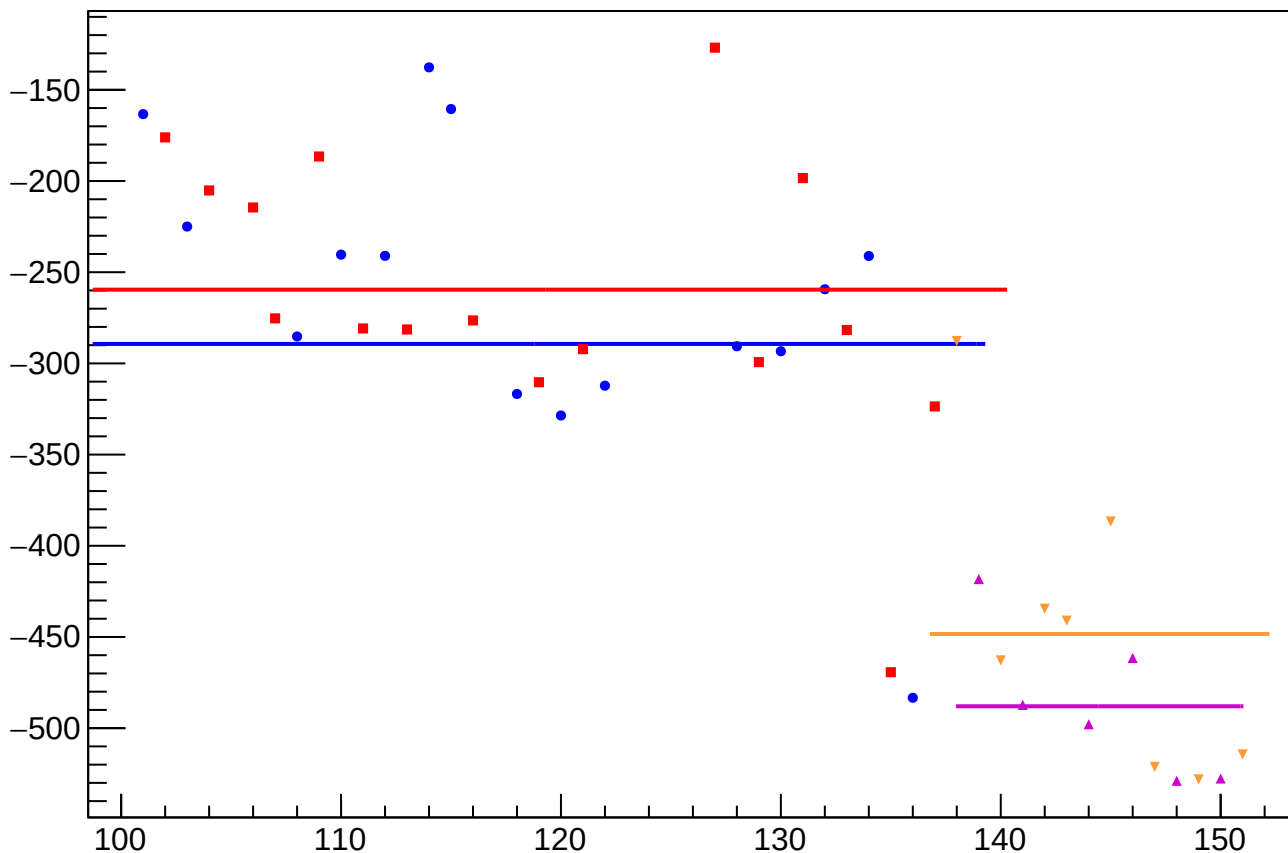
Left In: 55.185+/-0.005 χ^2/NDF : 61819.9/5

+ sign 47.545+/-0.000 χ^2/NDF : 5785769.6/24

All: 47.545+/-0.000 χ^2/NDF : 12712004.7/49

- sign 57.732+/-0.004 χ^2/NDF : 1155031.9/24

dit_4aX_coil1_mean vs Slug



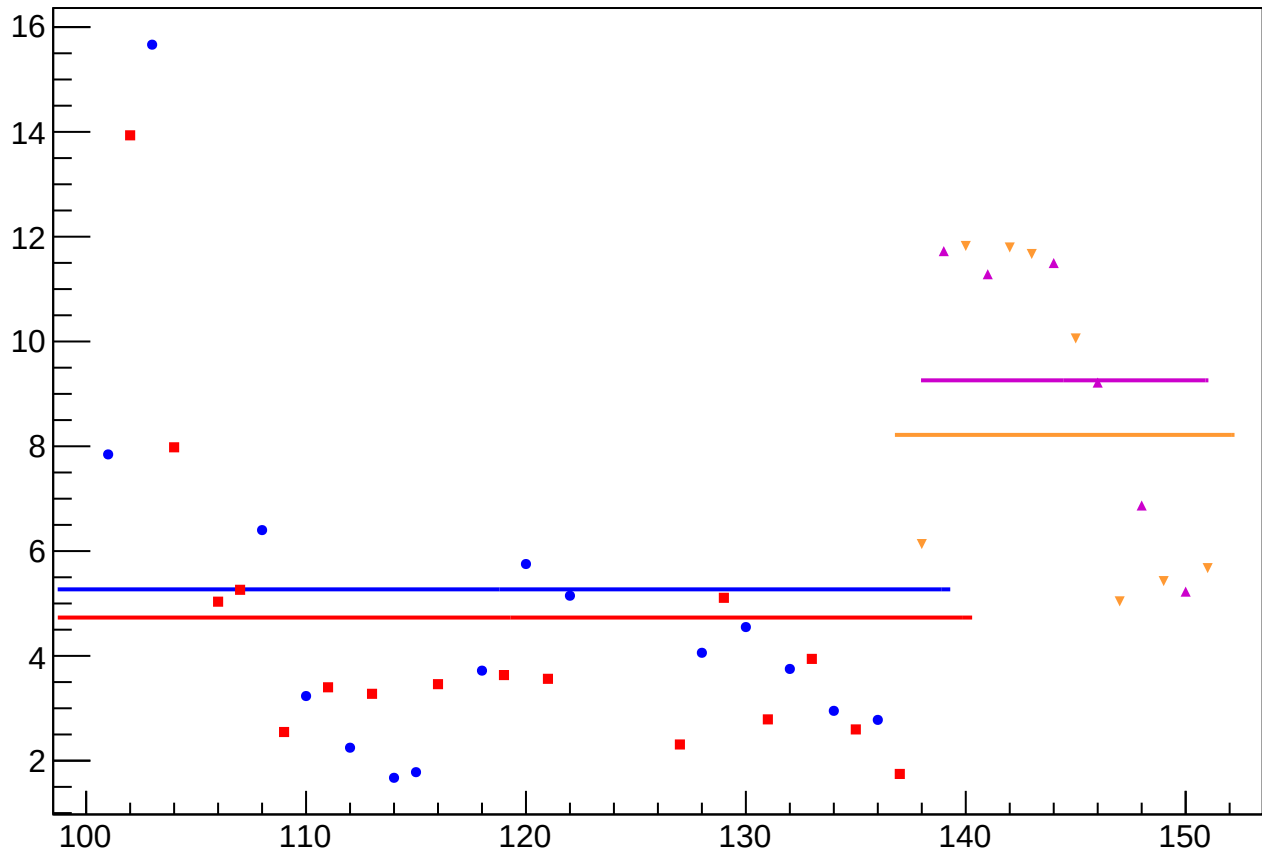
Right In: -289.322 ± 0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -448.350 ± 0.000 χ^2/NDF : 3634257376377725619834233237635334144.0/7

Right Out: -259.558 ± 0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

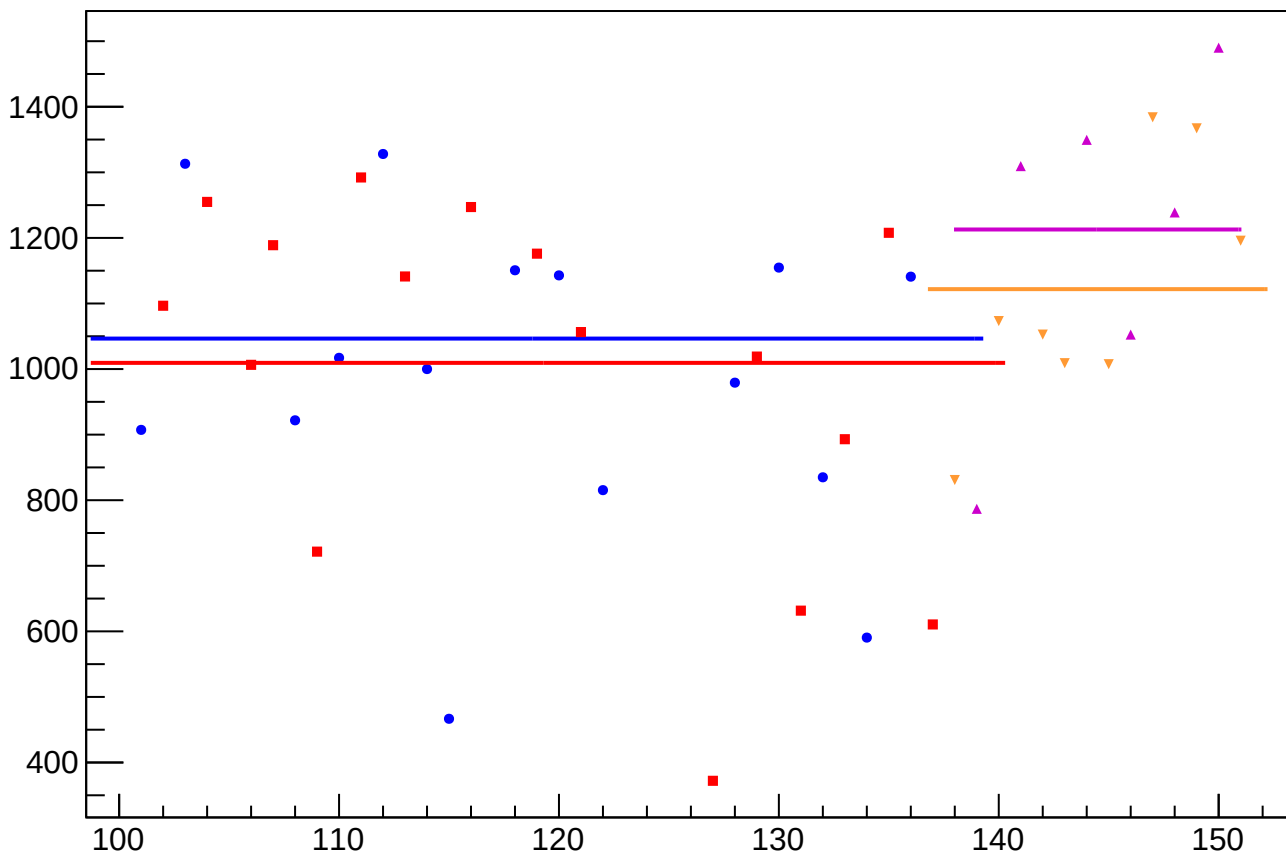
Left In: -487.997 ± 0.000 χ^2/NDF : 744034823954183144649049390616412160.0/5

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14	+ sign 6.677+/-0.000	χ^2/NDF : 16407588809847445
Left Out: 8.218+/-0.000	χ^2/NDF : 5004954654112949492801722365509632.0/7	All: 6.688+/-0.000	χ^2/NDF : 32453739849378
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15	- sign 6.700+/-0.000	χ^2/NDF : 16045843883465600
Left In: 9.259+/-0.000	χ^2/NDF : 3246158498286692839784161814249472.0/5		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

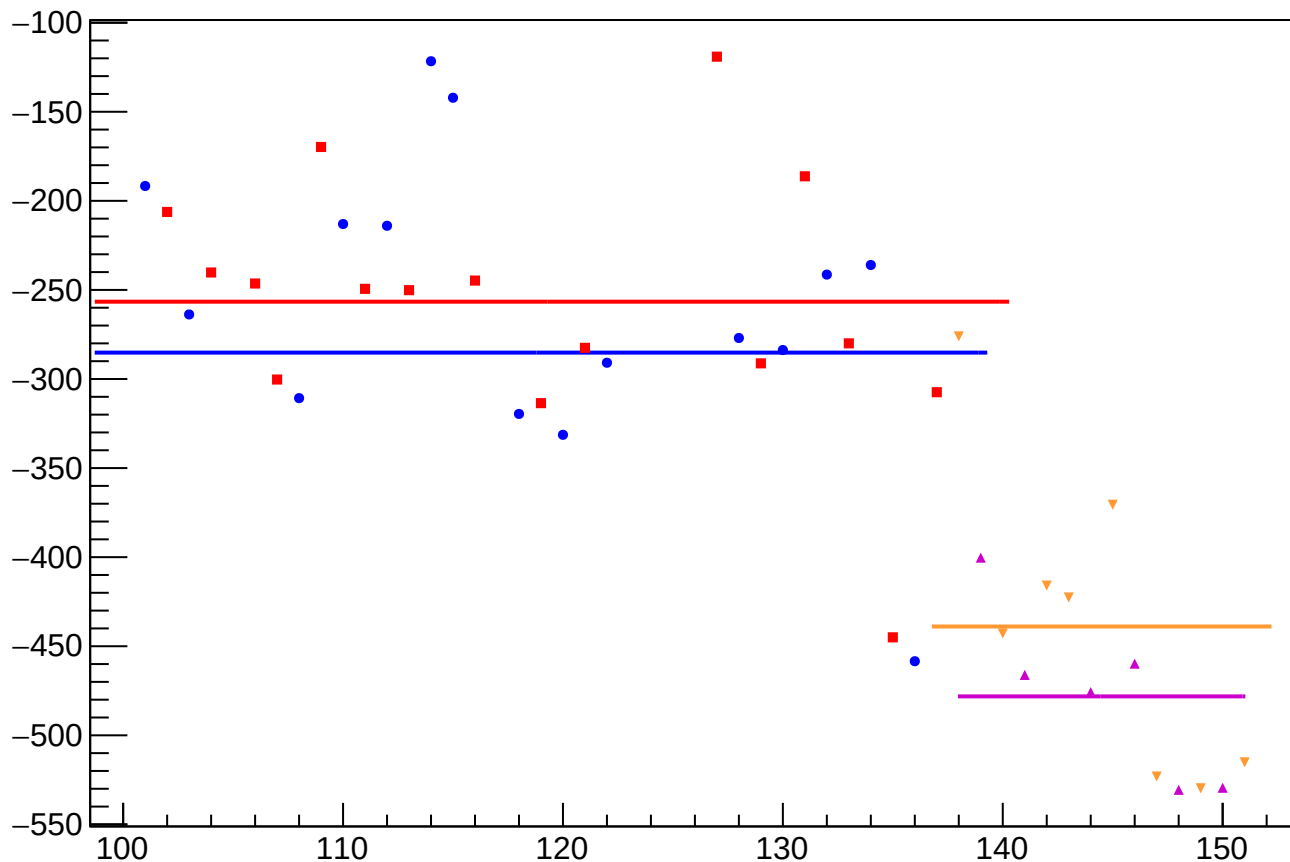
Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485+/-0.000 χ^2/NDF : 46397258455823

All: 1089.981+/-0.000 χ^2/NDF : 12947921580

- sign 1097.871+/-0.000 χ^2/NDF : 82938702856285

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -438.923+/-0.000 χ^2/NDF : 4183611557279187703726653085942022144.0/7

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

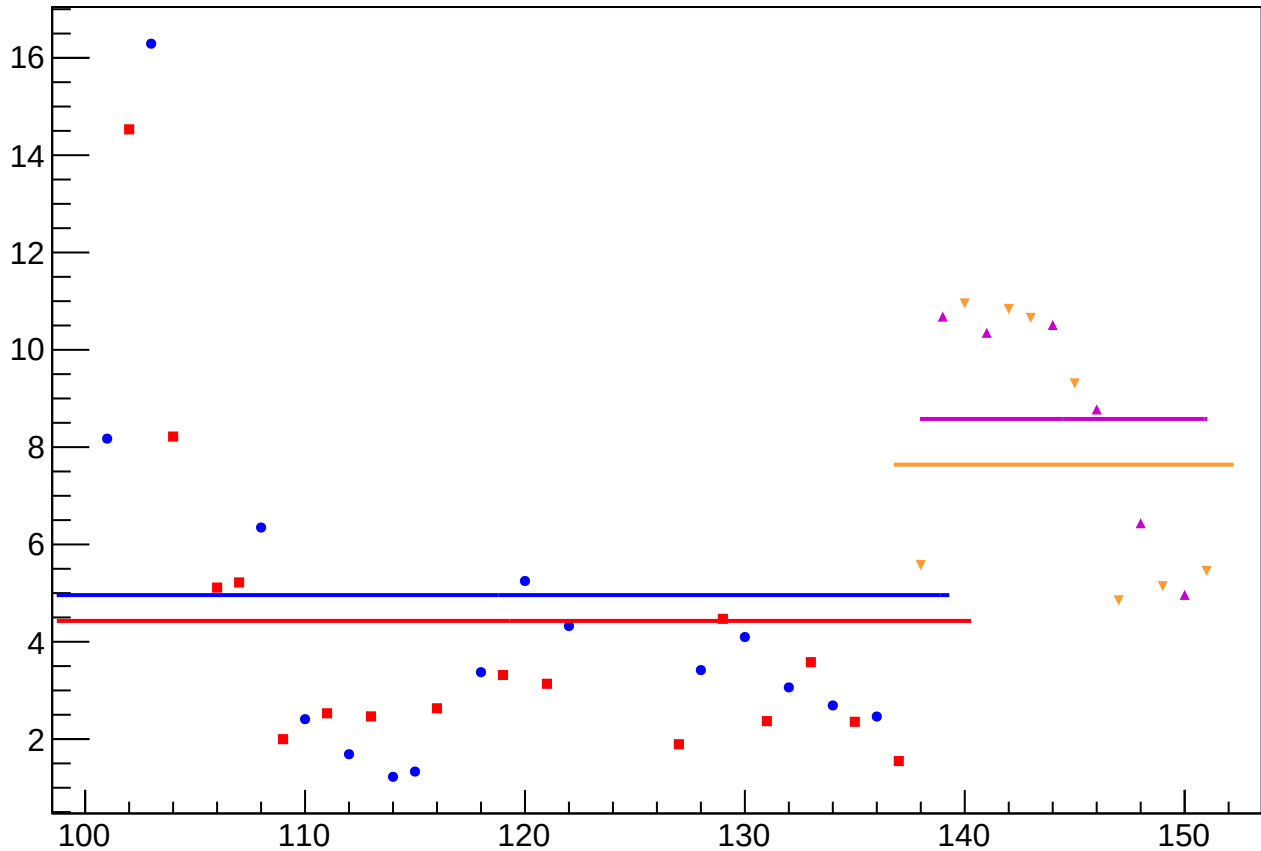
Left In: -478.141+/-0.000 χ^2/NDF : 1002379918531419235150699047937900544.0/5

+ sign -358.589+/-0.000 χ^2/NDF : 15986862544572

All: -355.824+/-0.000 χ^2/NDF : 34889277405

- sign -352.914+/-0.000 χ^2/NDF : 188829264612557

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 7.640+/-0.000 χ^2/NDF : 4036310561932536946762951038074880.0/7

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

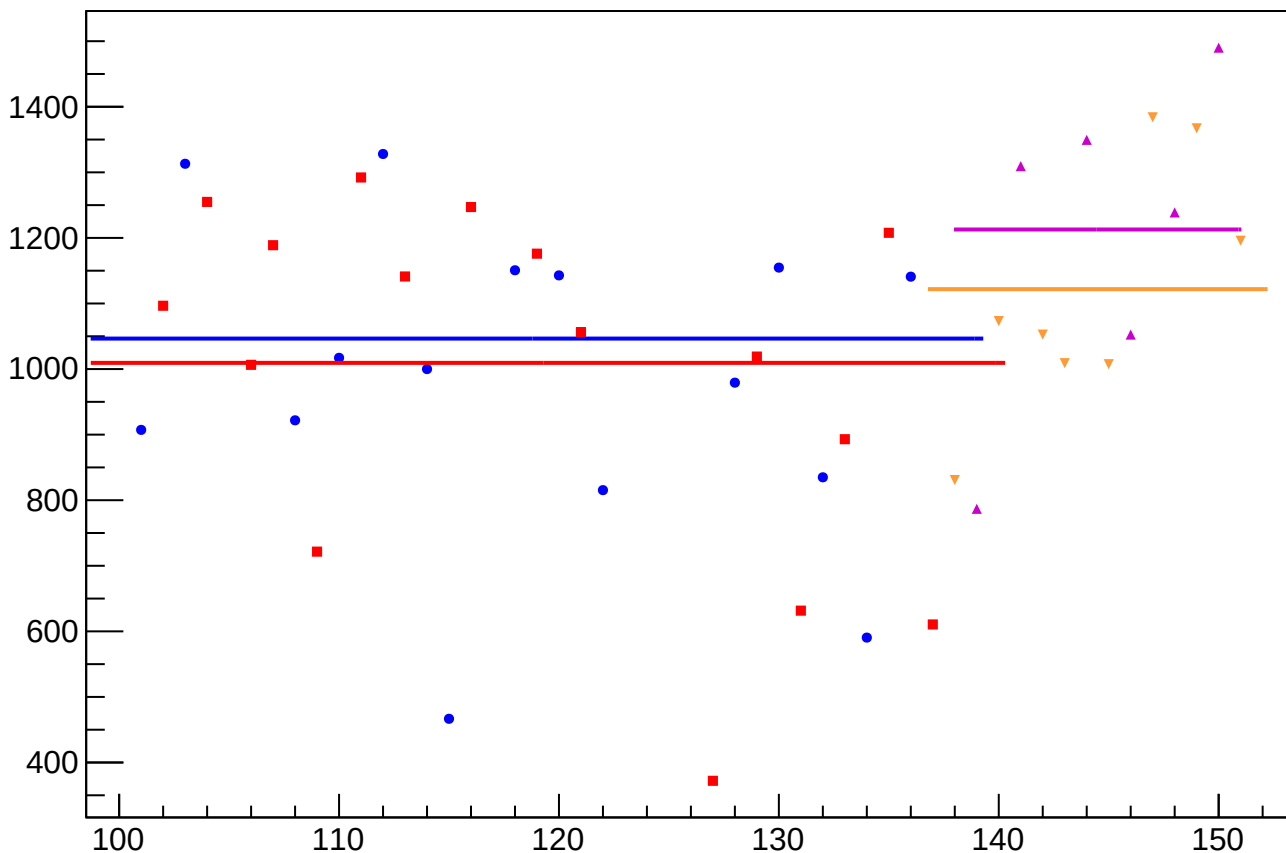
Left In: 8.579+/-0.000 χ^2/NDF : 2535583548301976487373279349178368.0/5

+ sign 6.239+/-0.000 χ^2/NDF : 16728859157622552

All: 6.236+/-0.000 χ^2/NDF : 3263119360240

- sign 6.233+/-0.000 χ^2/NDF : 15902315540250204

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

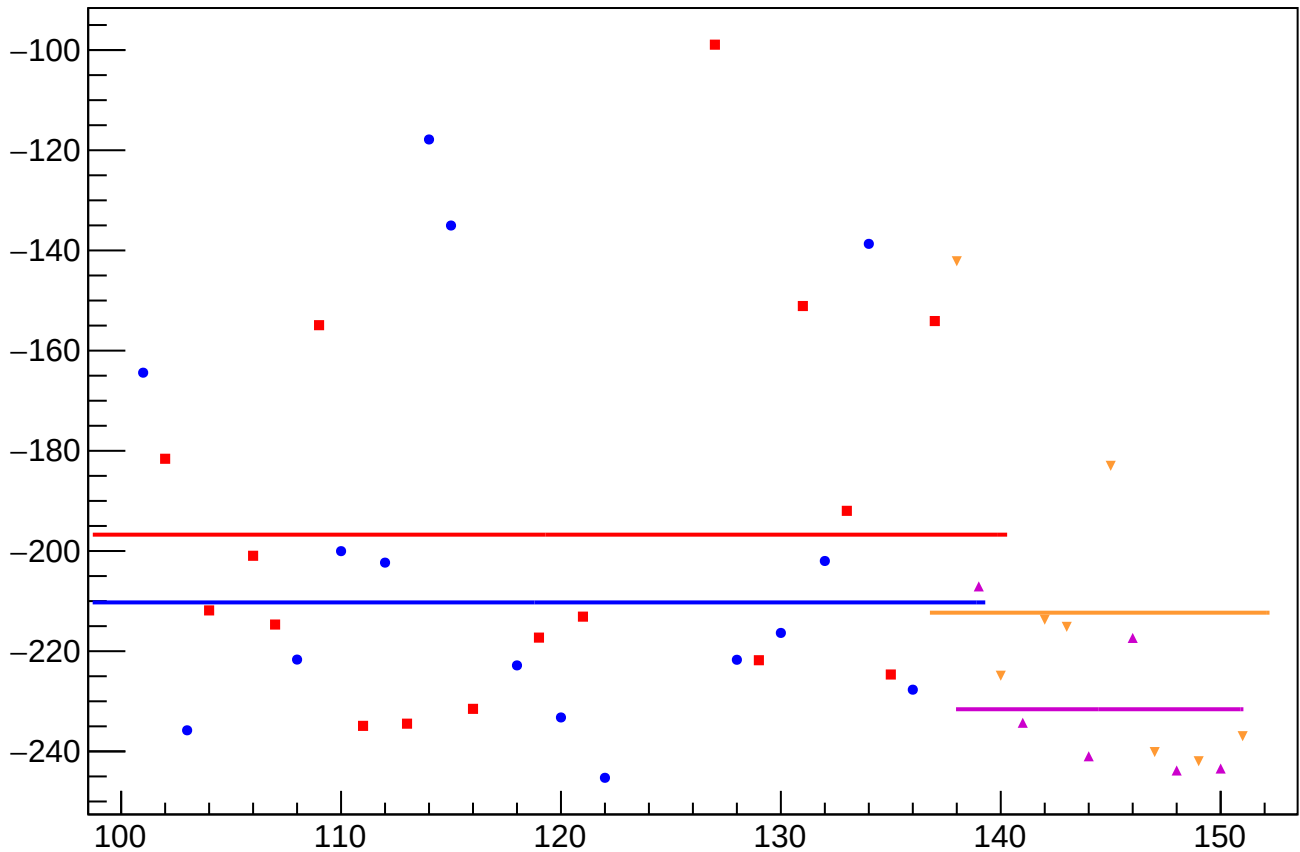
Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485+/-0.000 χ^2/NDF : 46397258455823

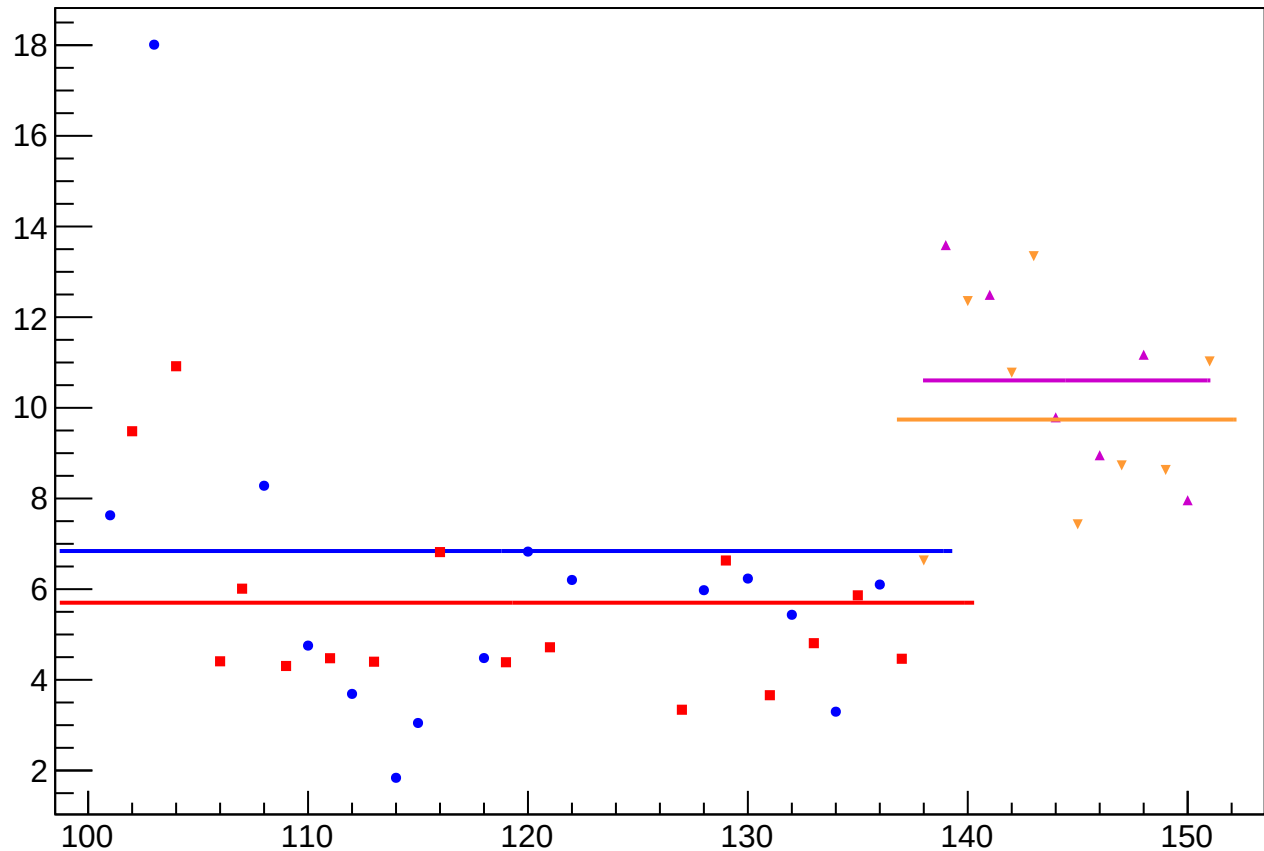
All: 1089.981+/-0.000 χ^2/NDF : 12947921580

- sign 1097.871+/-0.000 χ^2/NDF : 82938702856285

dit_11X12X_coil1_mean vs Slug

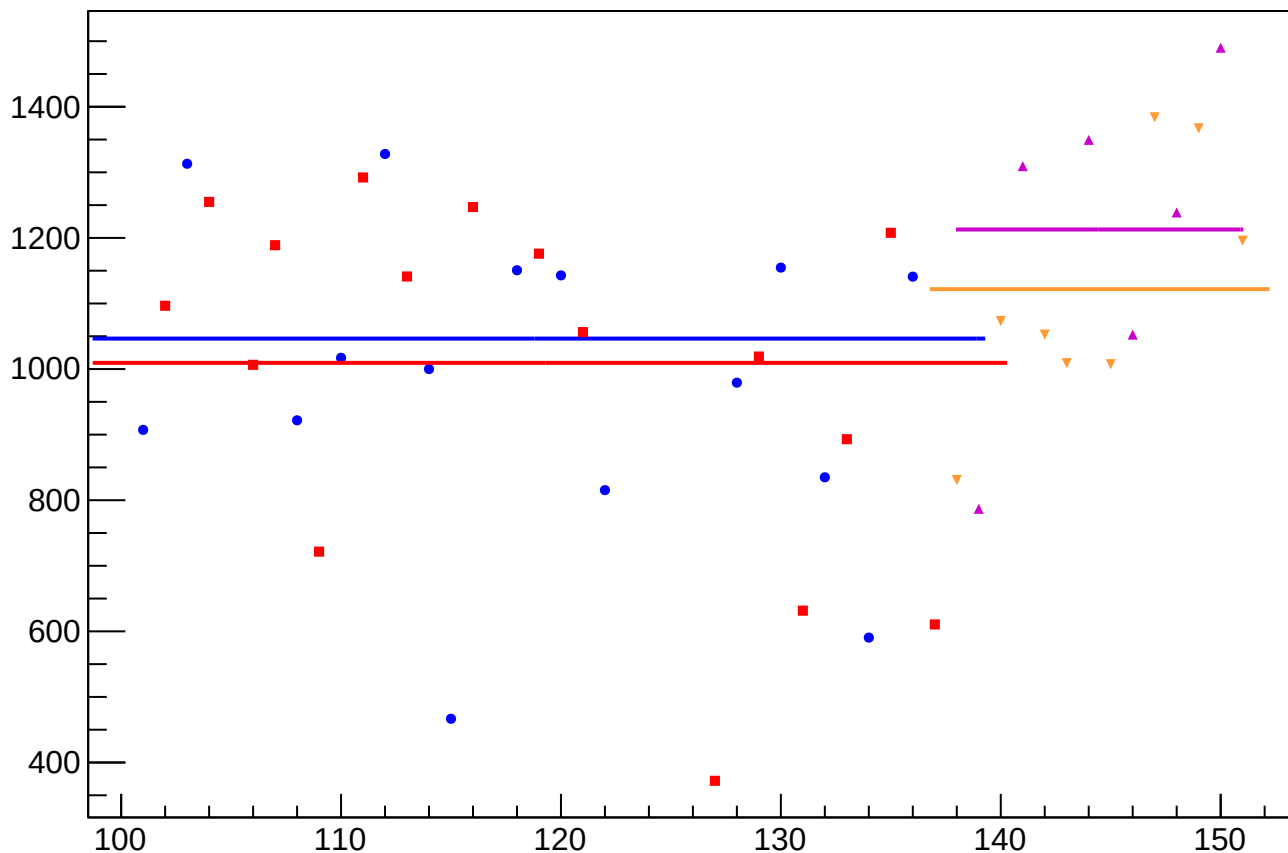


dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000	χ^2/NDF : 9355934166823324467316647620771840.0/14	+ sign 8.226+/-0.000	χ^2/NDF : 14937604489604379
Left Out: 9.742+/-0.000	χ^2/NDF : 2975689932625261765735603901562880.0/7	All: 8.035+/-0.000	χ^2/NDF : 27150825773567
Right Out: 5.701+/-0.000	χ^2/NDF : 3174693398300953393137731791486976.0/15	- sign 7.833+/-0.000	χ^2/NDF : 12119666609954064
Left In: 10.605+/-0.000	χ^2/NDF : 1972461432845258336601942796533760.0/5		

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

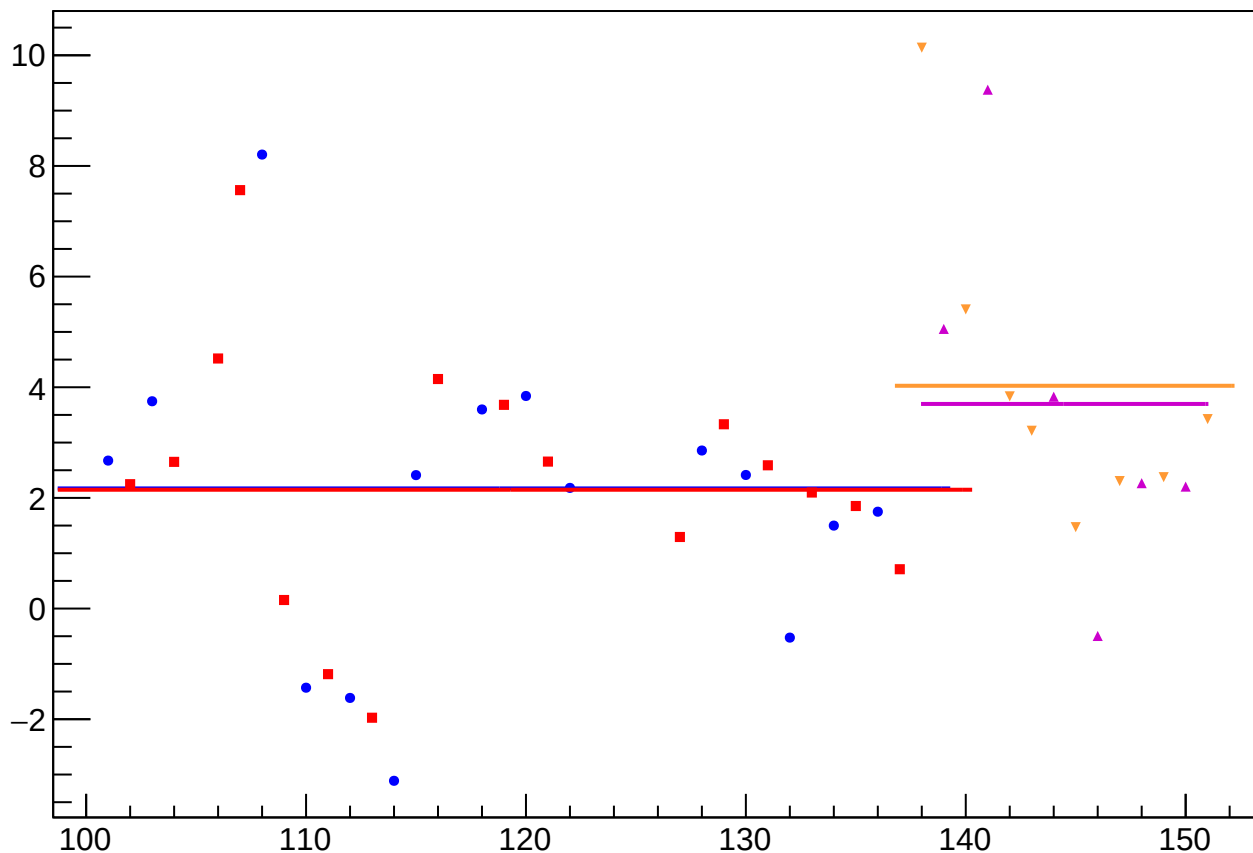
Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485+/-0.000 χ^2/NDF : 46397258455823

All: 1089.981+/-0.000 χ^2/NDF : 12947921580

- sign 1097.871+/-0.000 χ^2/NDF : 82938702856285

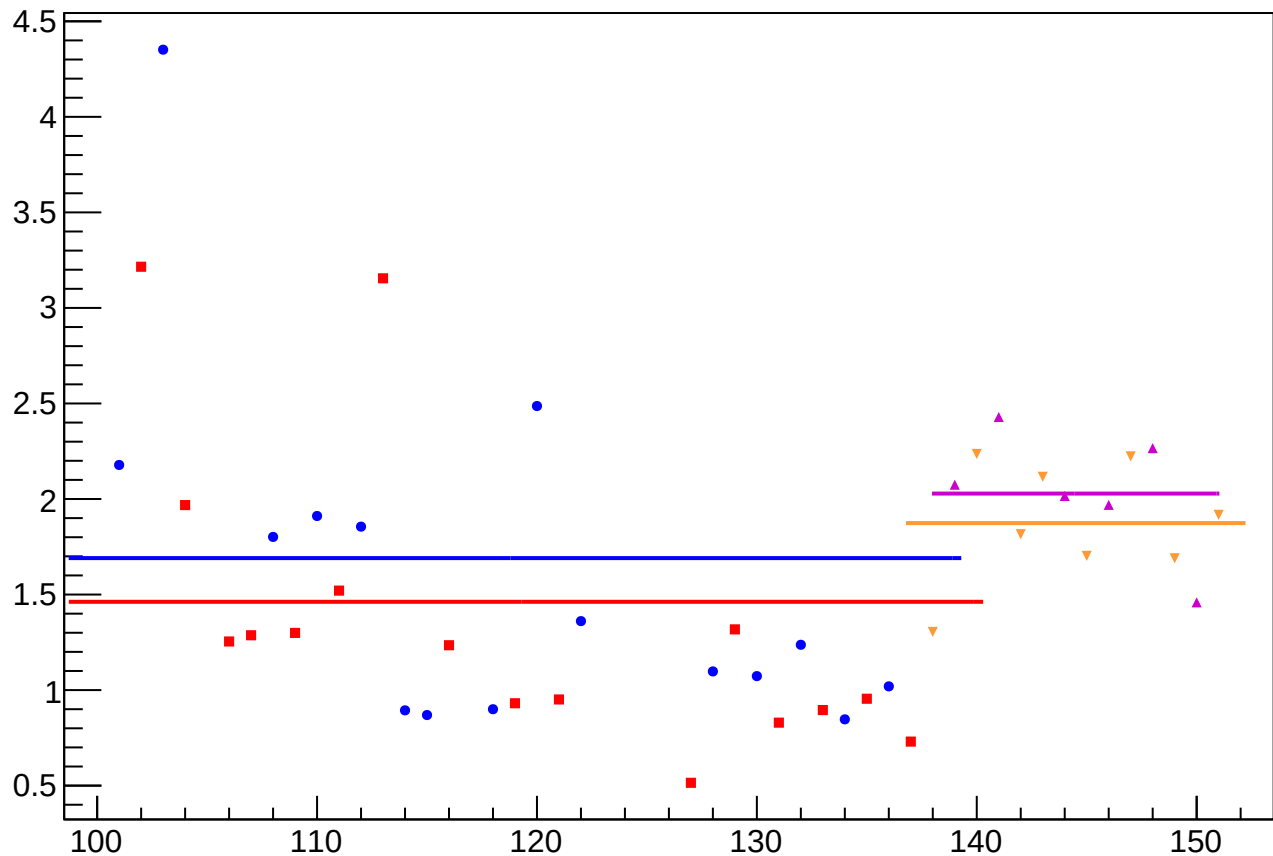
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000	χ^2/NDF : 3599819246909975678410499691642880.0/14
Left Out: 4.027+/-0.000	χ^2/NDF : 4132745825467109424043773011165184.0/7
Right Out: 2.148+/-0.000	χ^2/NDF : 3093887336239378959606321931878400.0/15
Left In: 3.698+/-0.000	χ^2/NDF : 4727831714349367088744704400949248.0/5

+ sign 3.057+/-0.000 χ^2/NDF : 87992464503550605
 All: 2.942+/-0.000 χ^2/NDF : 17351787237565
 - sign 2.822+/-0.000 χ^2/NDF : 85189889163334606

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14

Left Out: 1.874+/-0.000 χ^2/NDF : 54990475618991715763391584796672.0/7

Right Out: 1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15

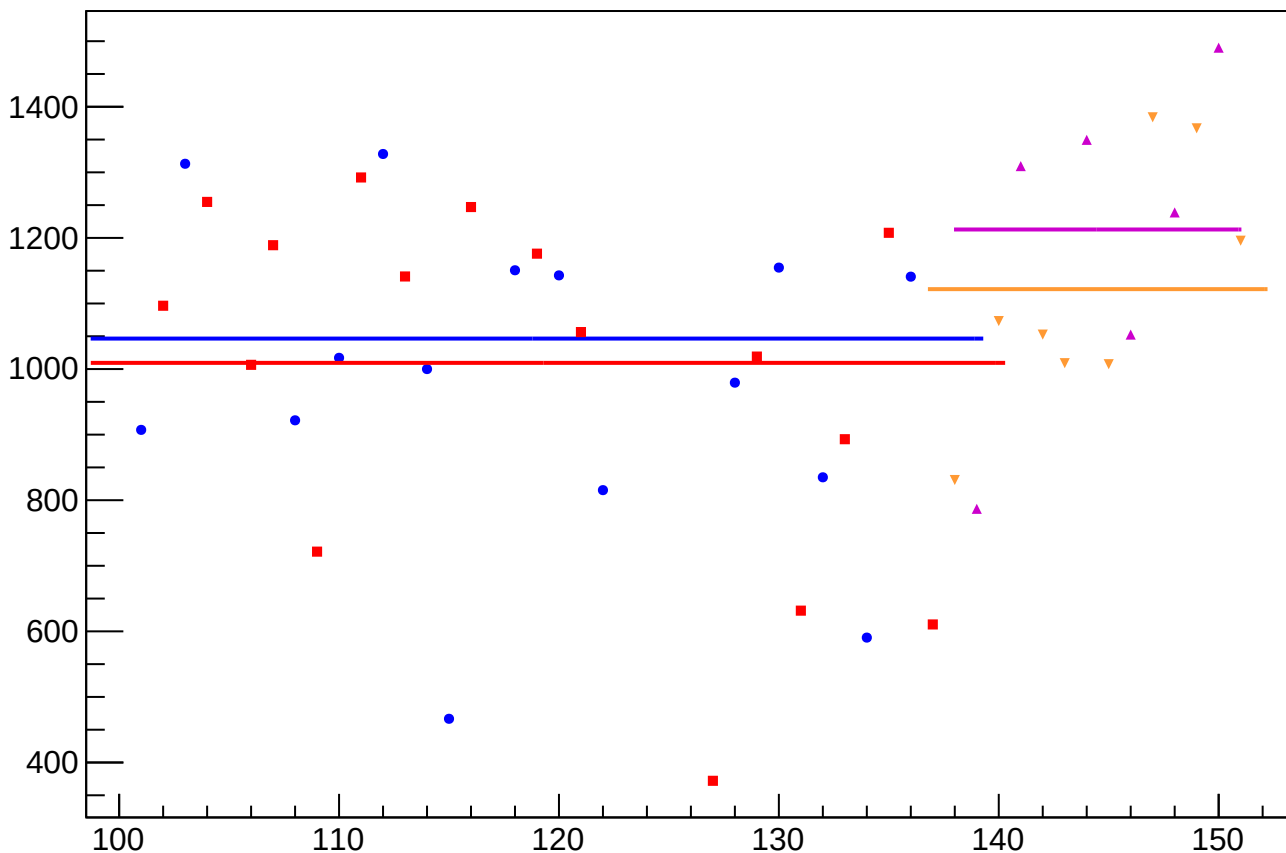
Left In: 2.028+/-0.000 χ^2/NDF : 48367111694784942401451106238464.0/5

+ sign 1.778+/-0.000 χ^2/NDF : 67756262217791860

All: 1.744+/-0.000 χ^2/NDF : 12662982667980

- sign 1.708+/-0.000 χ^2/NDF : 58577650188781636

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

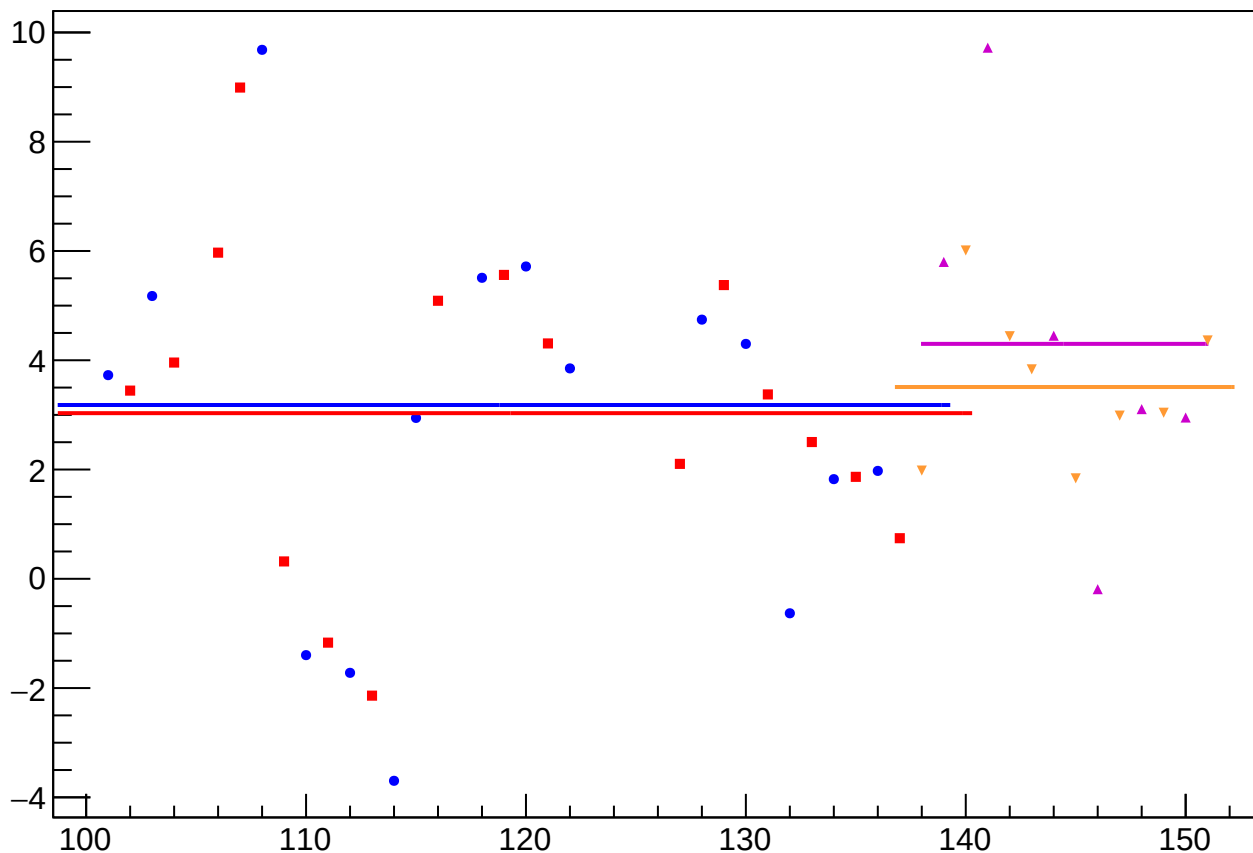
Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

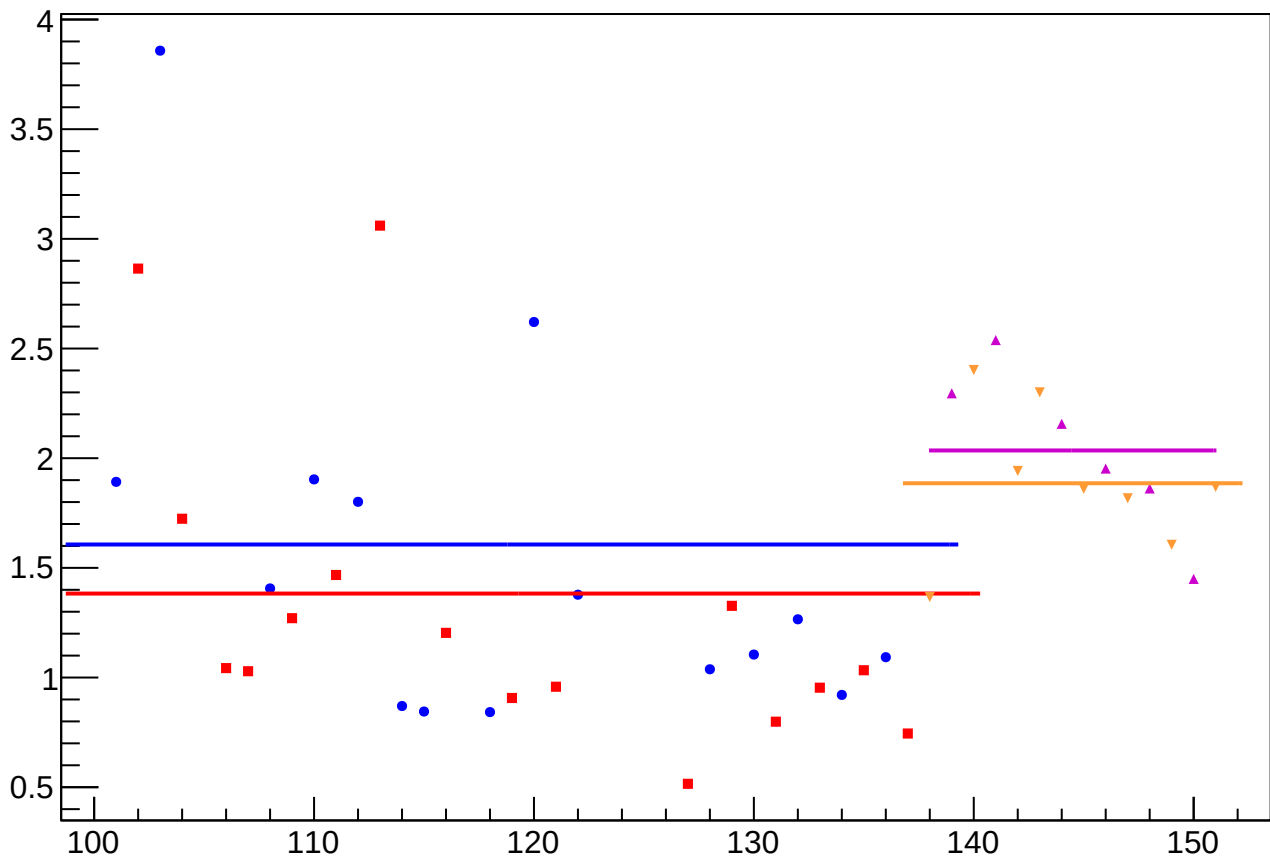
All: 1089.981+/-0.000 χ^2/NDF : 12947921580

dit_4eY_coil1_mean vs Slug



Right In: 3.181 ± 0.000	$\chi^2/\text{NDF}: 5833303227868252617704566394191872.0/14$
Left Out: 3.510 ± 0.000	$\chi^2/\text{NDF}: 1063699216997645292438491355938816.0/7$
Right Out: 3.032 ± 0.000	$\chi^2/\text{NDF}: 4937209831371793945496546833334272.0/15$
Left In: 4.300 ± 0.000	$\chi^2/\text{NDF}: 4640885213602392968713231379988480.0/5$
$\chi^2/\text{NDF}: 69305663420793551$ $\chi^2/\text{NDF}: 17011290147322$	

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.886 $\pm$ 0.000 χ^2 /NDF: 61573183319696576327702265462784.0/7

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

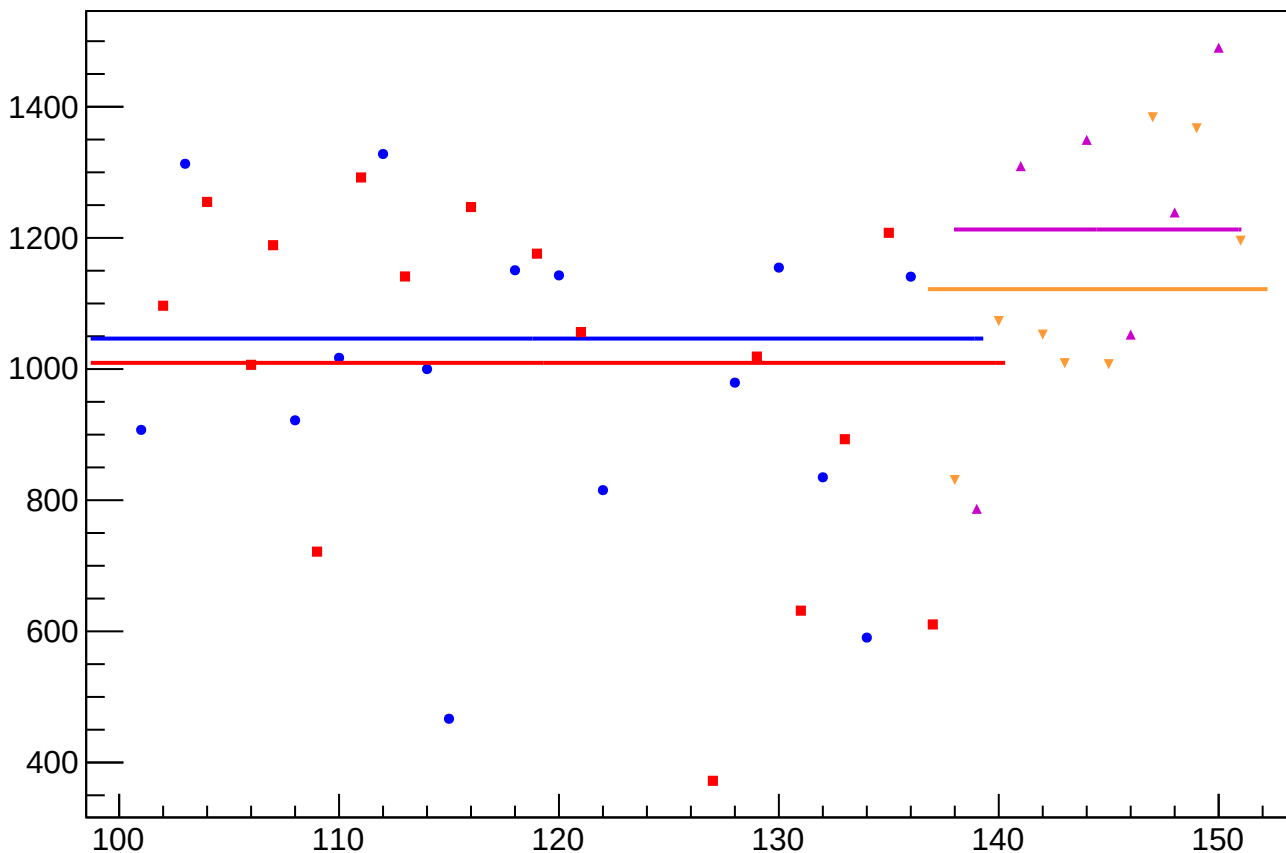
Left In: 2.035 $\pm$ 0.000 χ^2 /NDF: 62636743368100200930975850430464.0/5

+ sign 1.740 $\pm$ 0.000 χ^2 /NDF: 54666561051952042

All: 1.704 $\pm$ 0.000 χ^2 /NDF: 10943219312832

- sign 1.667 $\pm$ 0.000 χ^2 /NDF: 54440035419106912

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

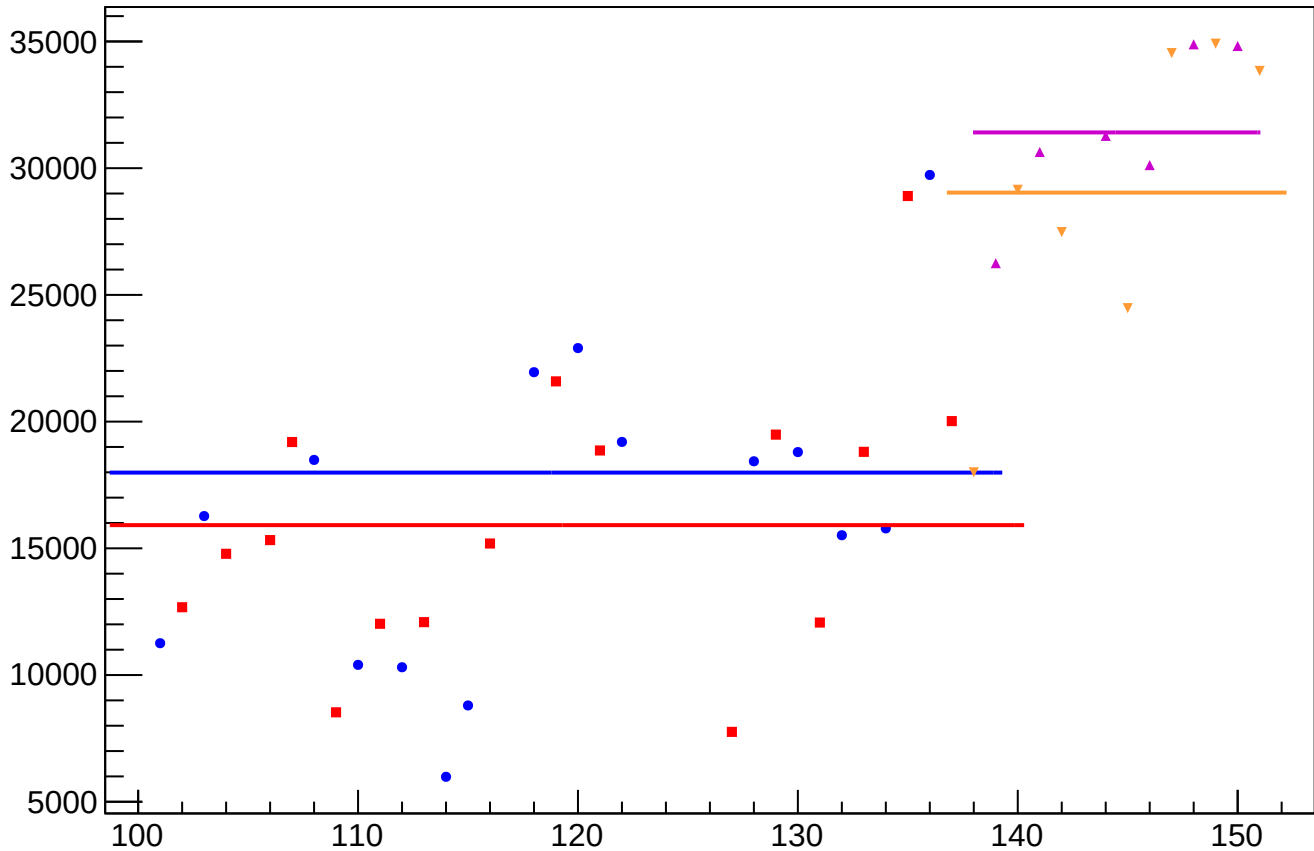
Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485+/-0.000 χ^2/NDF : 46397258455823

All: 1089.981+/-0.000 χ^2/NDF : 12947921580

- sign 1097.871+/-0.000 χ^2/NDF : 82938702856285

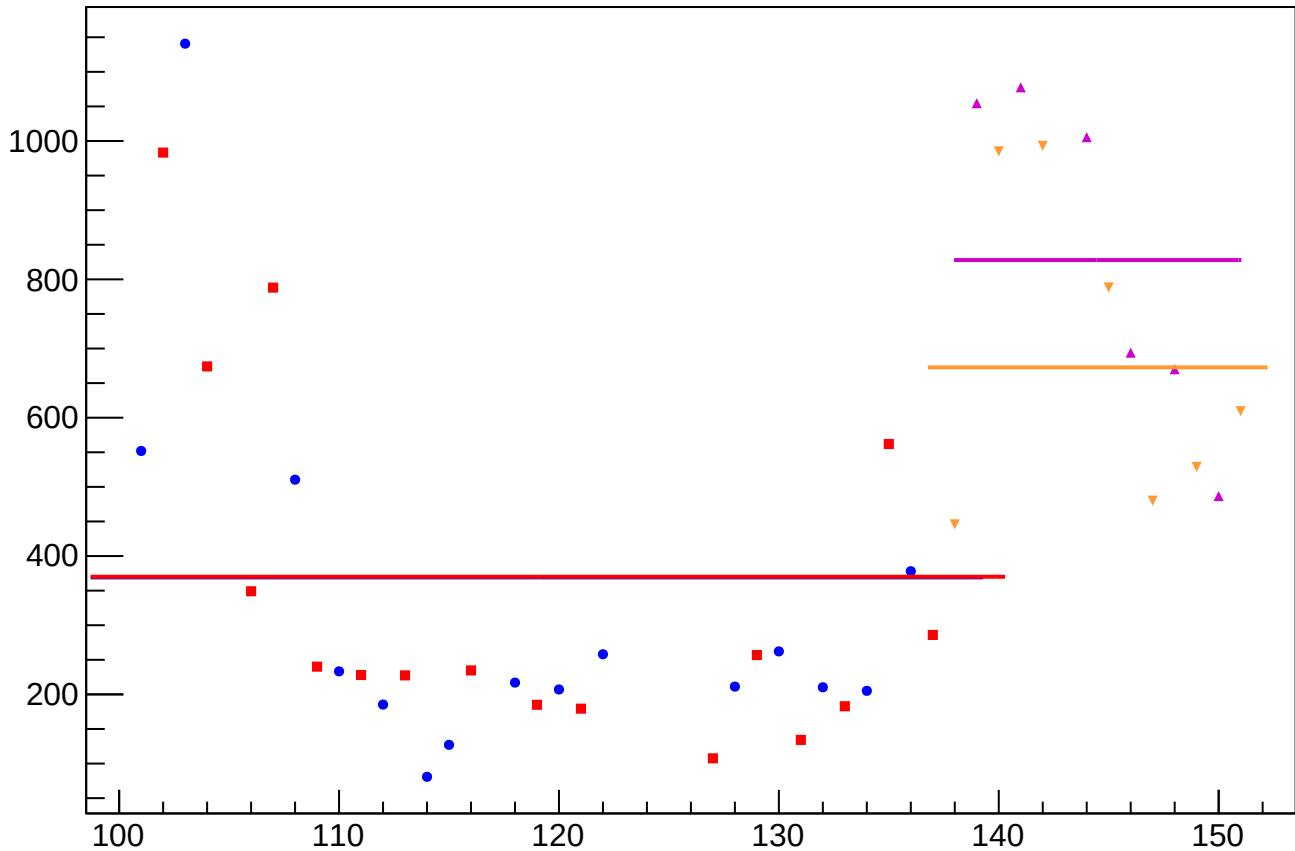
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 29037.053+/-0.000 χ^2/NDF : 18336620519137901879767224445810514067456.0/6
 Right Out: 15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: 31410.686+/-0.000 χ^2/NDF : 4420271387976544585654187301536331202560.0/5

All: 22792.765+/-0.000 χ^2/NDF : 1726662651
 + sign 22934.317+/-0.000 χ^2/NDF : 7861903739106
 - sign 22651.812+/-0.000 χ^2/NDF : 9400024060669

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 672.751+/-0.000 χ^2/NDF : 22758204532144789015968875070854529024.0/6

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

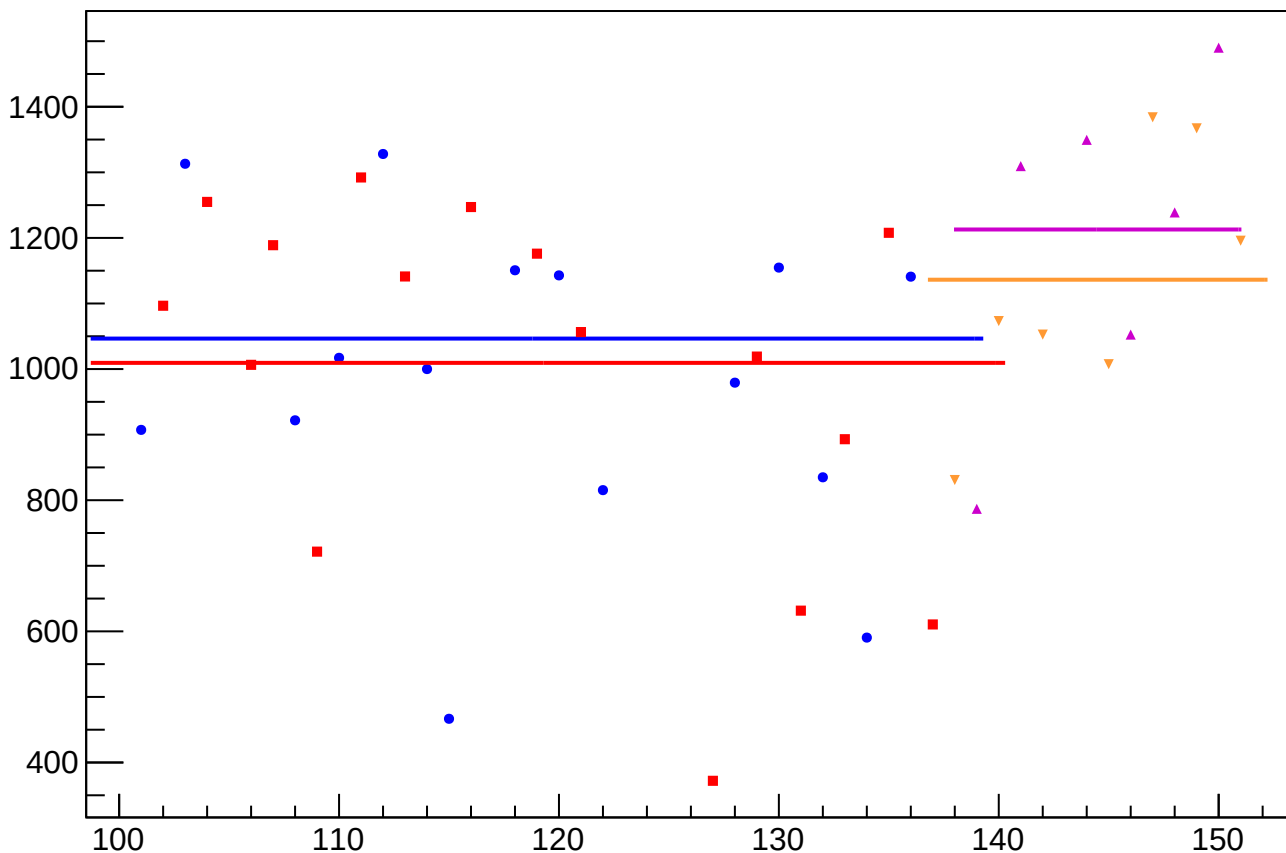
Left In: 827.898+/-0.000 χ^2/NDF : 26445923105658643036533763849175695360.0/5

+ sign 505.070+/-0.000 χ^2/NDF : 975872690964646

All: 537.163+/-0.000 χ^2/NDF : 23543812781

- sign 569.121+/-0.000 χ^2/NDF : 135435531785157

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

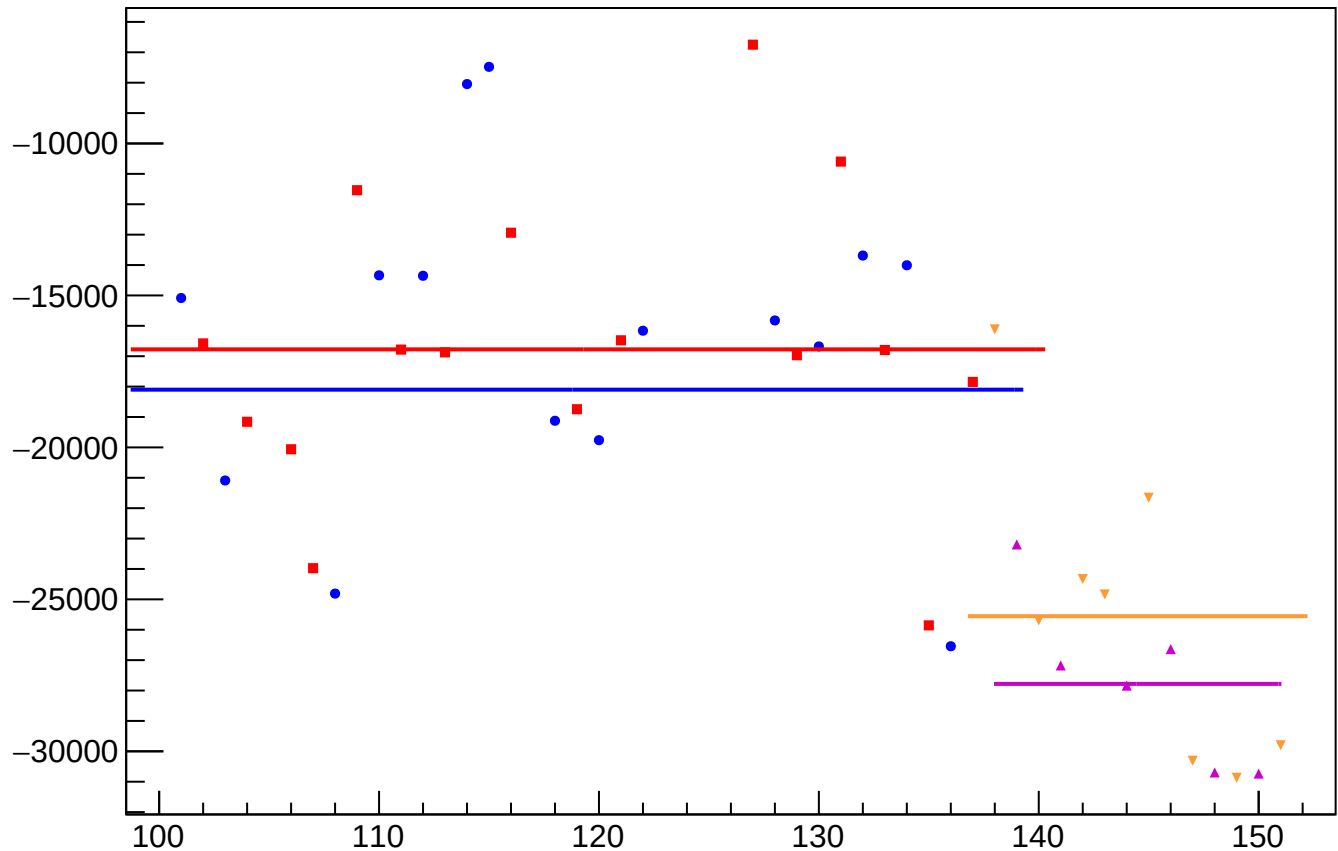
Left Out: 1136.262+/-0.000 χ^2/NDF : 18806324325683186615585006436040572928.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

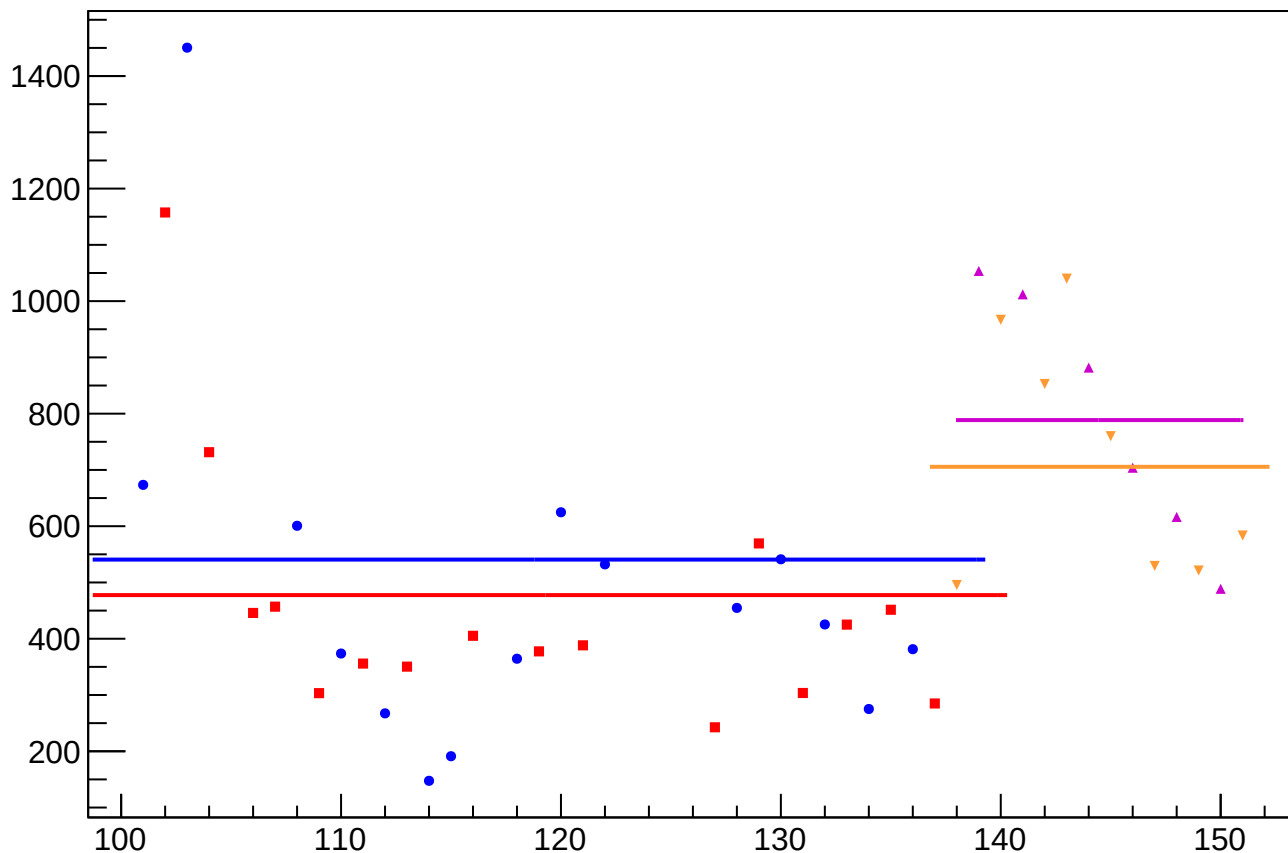
All: 1092.286+/-0.000 χ^2/NDF : 1290268346

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -25553.924+/-0.000 χ^2/NDF : 13811718437226833196958293708264217509888.0/7
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: -27781.327+/-0.000 χ^2/NDF : 3351801462110739160770259764408504811520.0/5

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 705.557+/-0.000 χ^2/NDF : 24189645677080380324776053451375247360.0/7

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

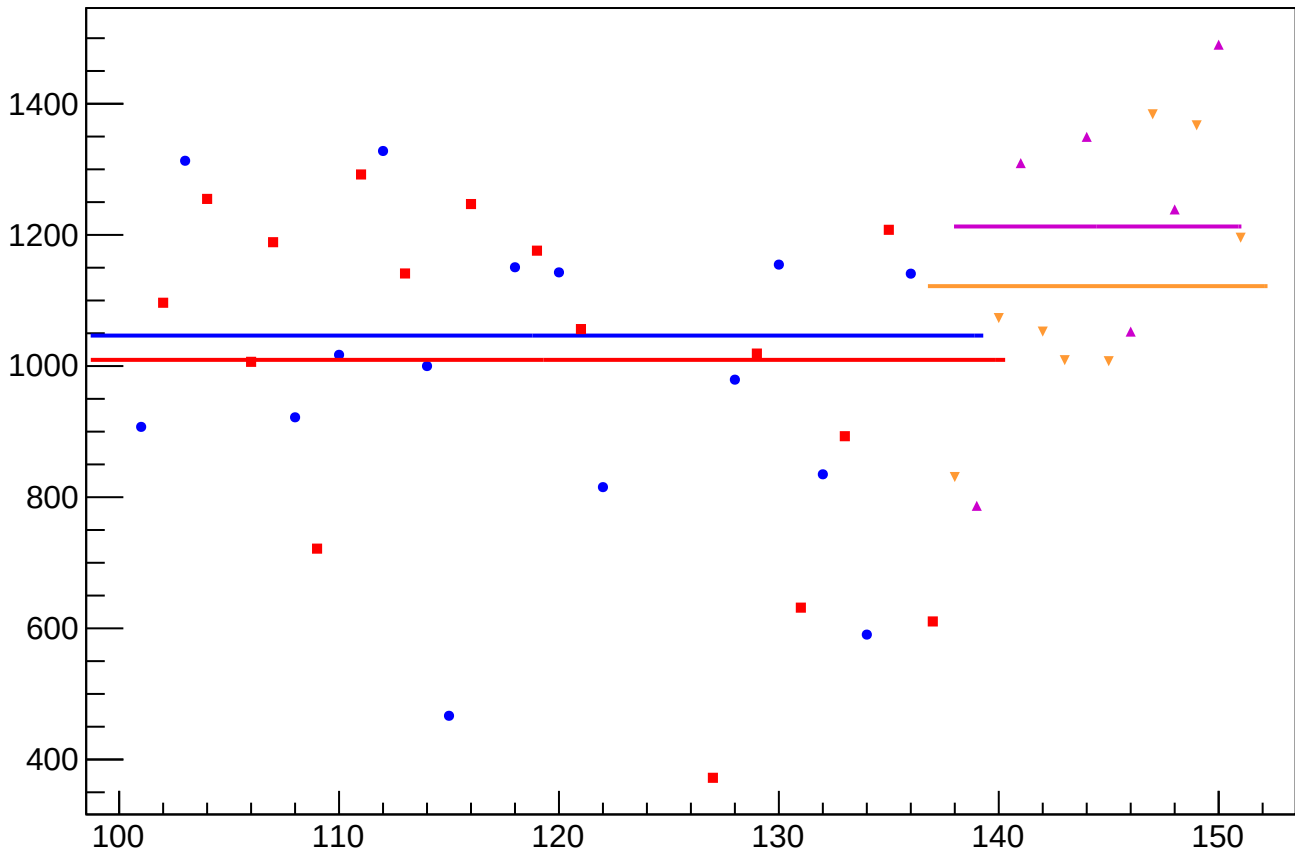
Left In: 788.590+/-0.000 χ^2/NDF : 21974245967652082132828012703626821632.0/5

+ sign 619.392+/-0.000 χ^2/NDF : 971618062052348

All: 616.166+/-0.000 χ^2/NDF : 186015554183

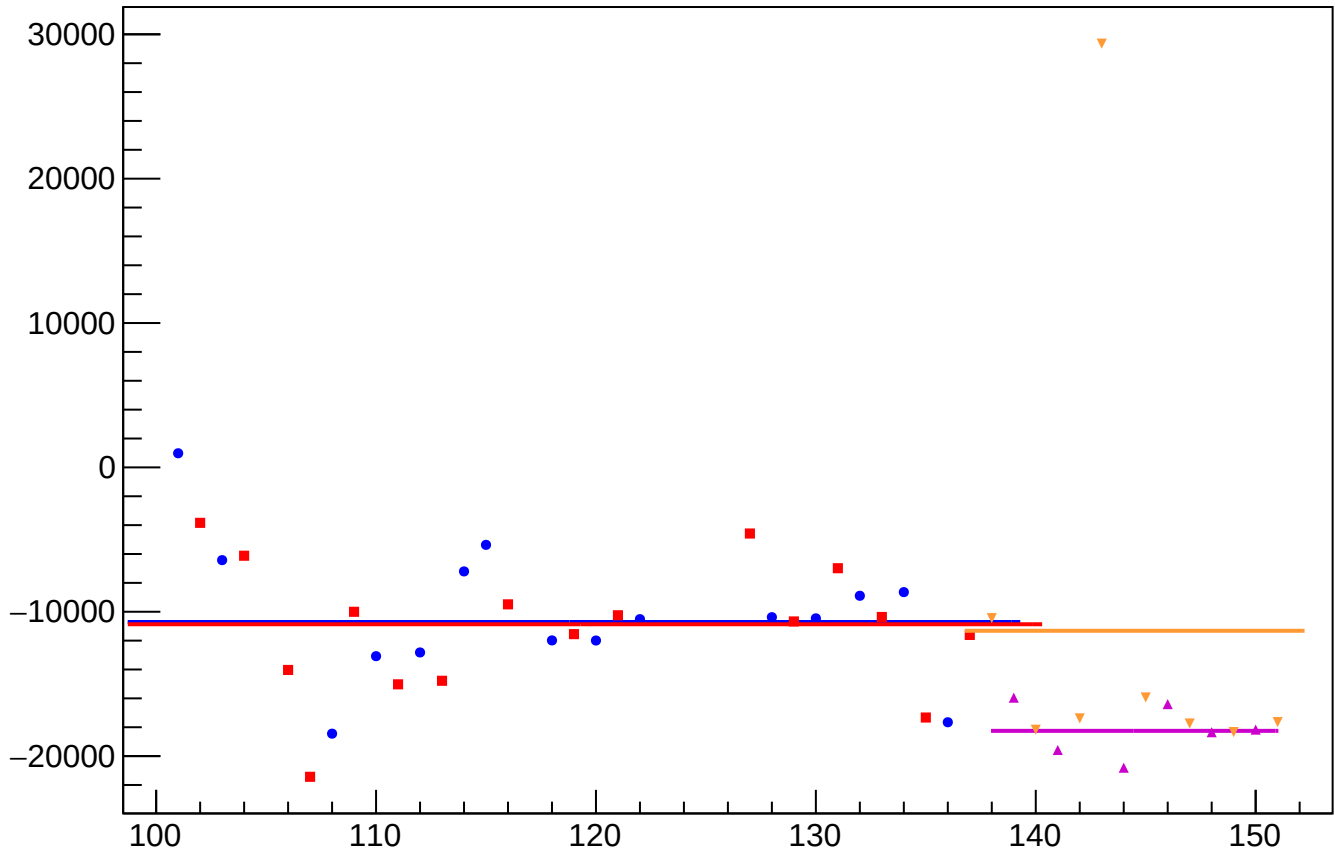
- sign 612.771+/-0.000 χ^2/NDF : 888272224676732

dit_usr_coil1_Ndata_mean vs Slug



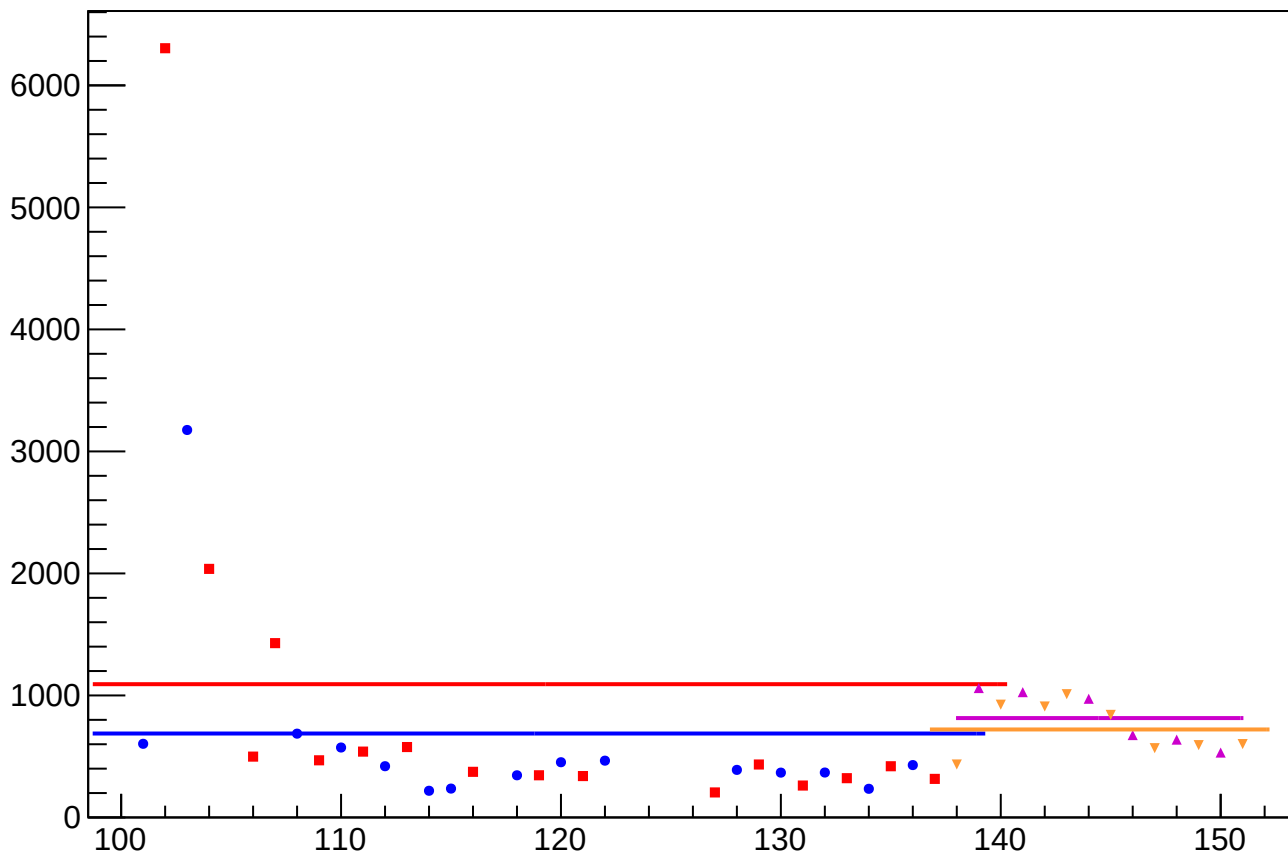
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14
 Left Out: -11317.748+/-0.000 χ^2/NDF : 128588362667508000995635760749047493689344.0/7
 Right Out: -10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
 Left In: -18250.338+/-0.000 χ^2/NDF : 1444108501123684501156482224034859188224.0/5

dit_atl1_coil1_err_mean vs Slug



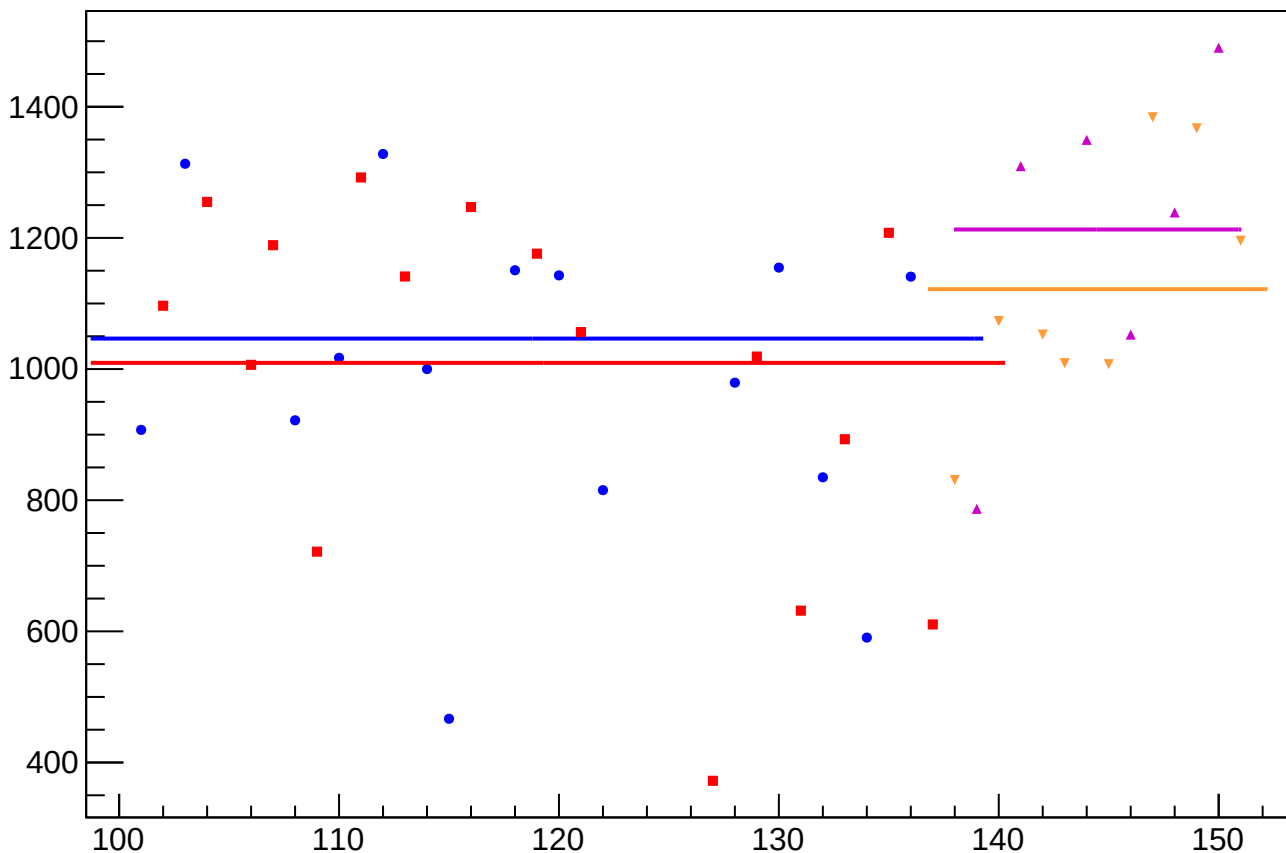
Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 721.145+/-0.000 χ^2/NDF : 22519916321284902325891461958418300928.0/7

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

Left In: 814.467+/-0.000 χ^2/NDF : 22474191608559015654980176403908001792.0/5

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

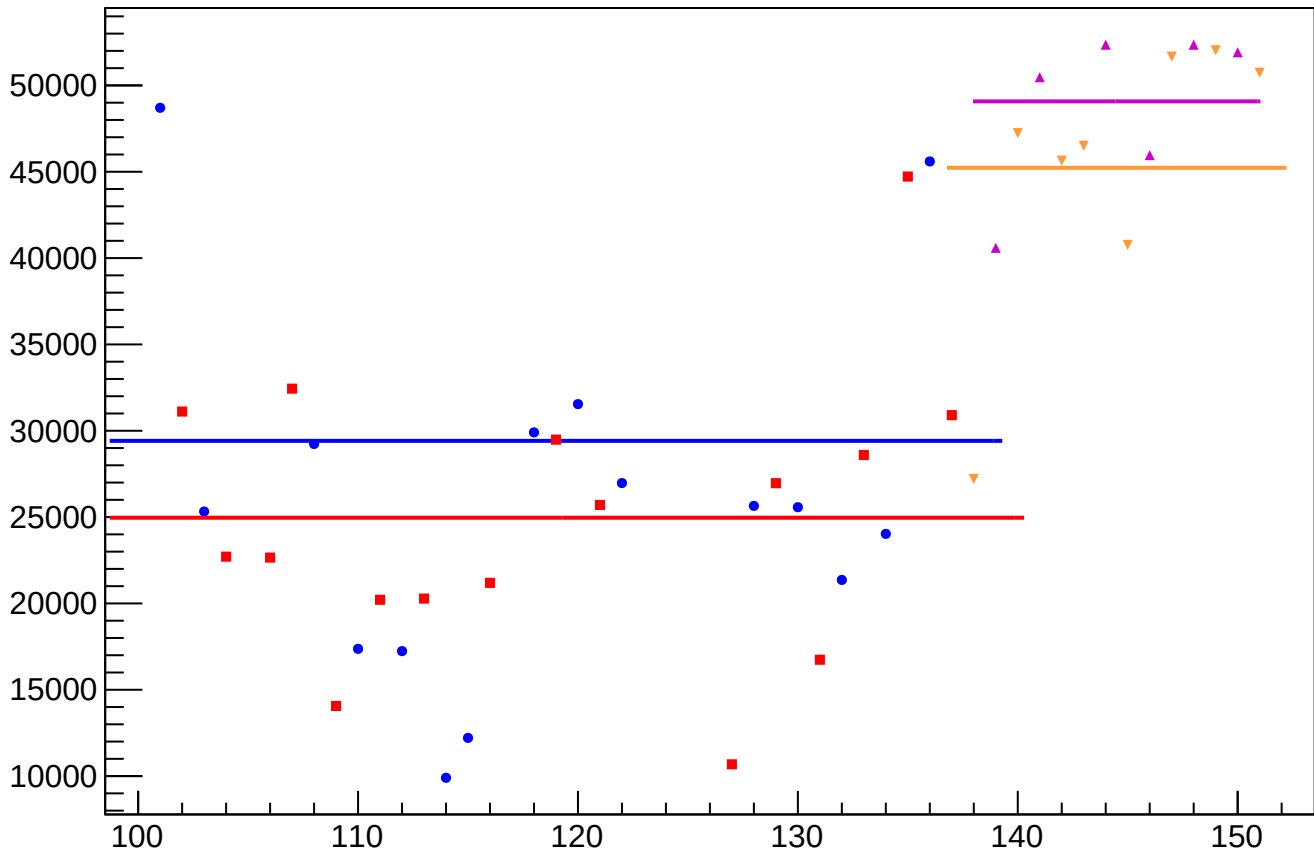
Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485+/-0.000 χ^2/NDF : 46397258455823

All: 1089.981+/-0.000 χ^2/NDF : 12947921580

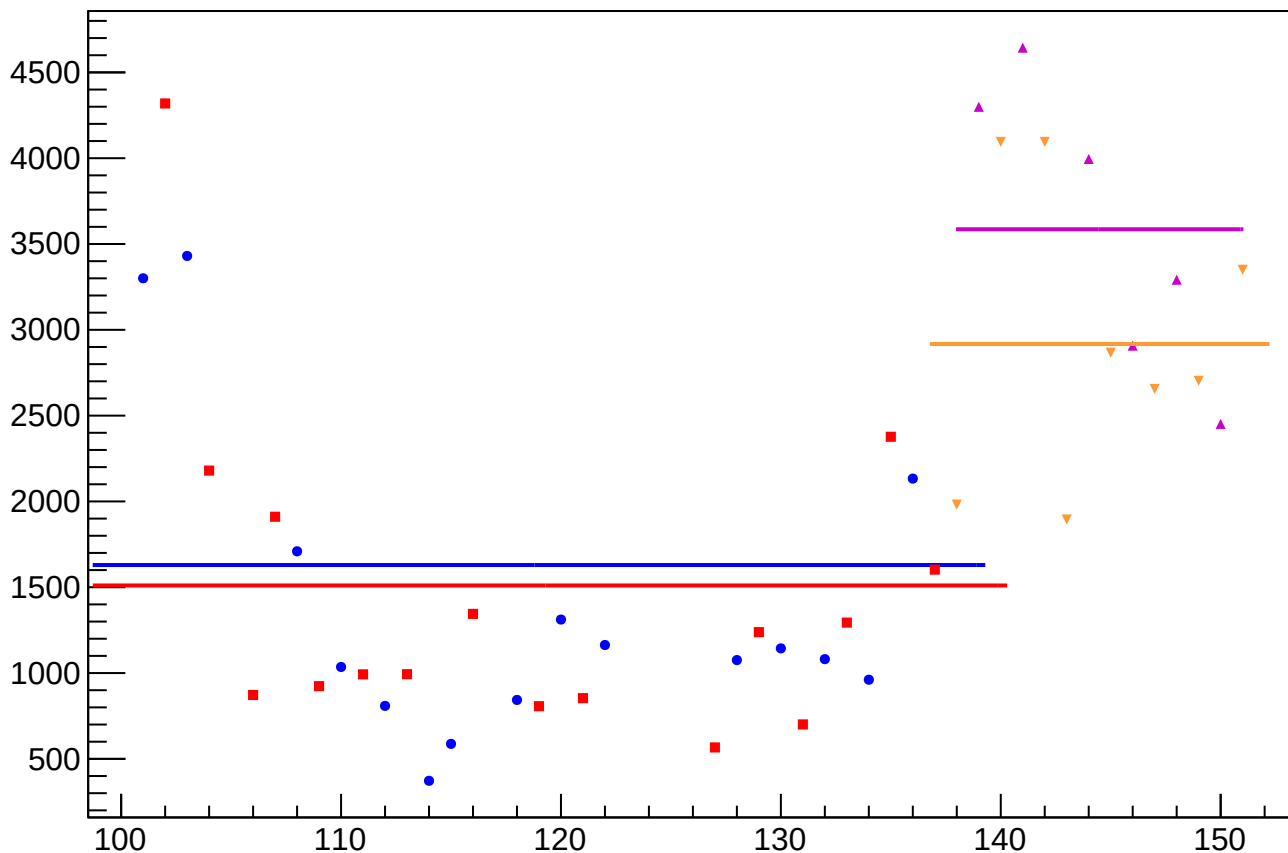
- sign 1097.871+/-0.000 χ^2/NDF : 82938702856285

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14	+ sign 36965.855+/-0.000	χ^2/NDF : 1860964604095
Left Out: 45228.869+/-0.000	χ^2/NDF : 36848104885250514348240203022766369144832.0/7	All: 36225.460+/-0.000	χ^2/NDF : 4111310534
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15	- sign 35446.162+/-0.000	χ^2/NDF : 2236371260418
Left In: 49076.303+/-0.000	χ^2/NDF : 9399089159287117788890320074502192496640.0/5		

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14

+ sign 2244.359 $\pm$ 0.000 χ^2 /NDF: 14053449067847

Left Out: 2917.236 $\pm$ 0.000 χ^2 /NDF: 339795894314835482853671639718186450944.0/7

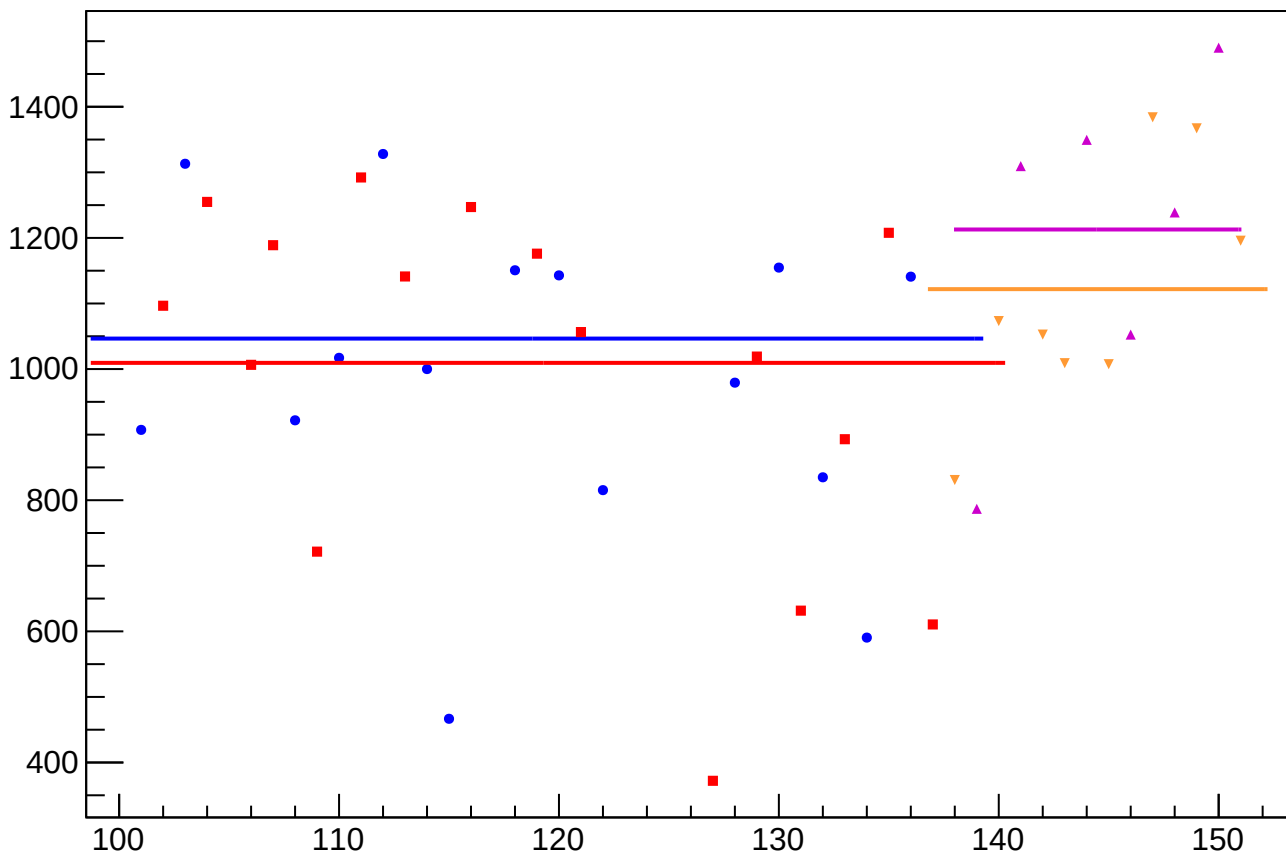
All: 2326.374 $\pm$ 0.000 χ^2 /NDF: 36739246233

Right Out: 1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15

- sign 2412.698 $\pm$ 0.000 χ^2 /NDF: 22514321300446

Left In: 3586.001 $\pm$ 0.000 χ^2 /NDF: 313822235075316742328758720673708244992.0/5

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

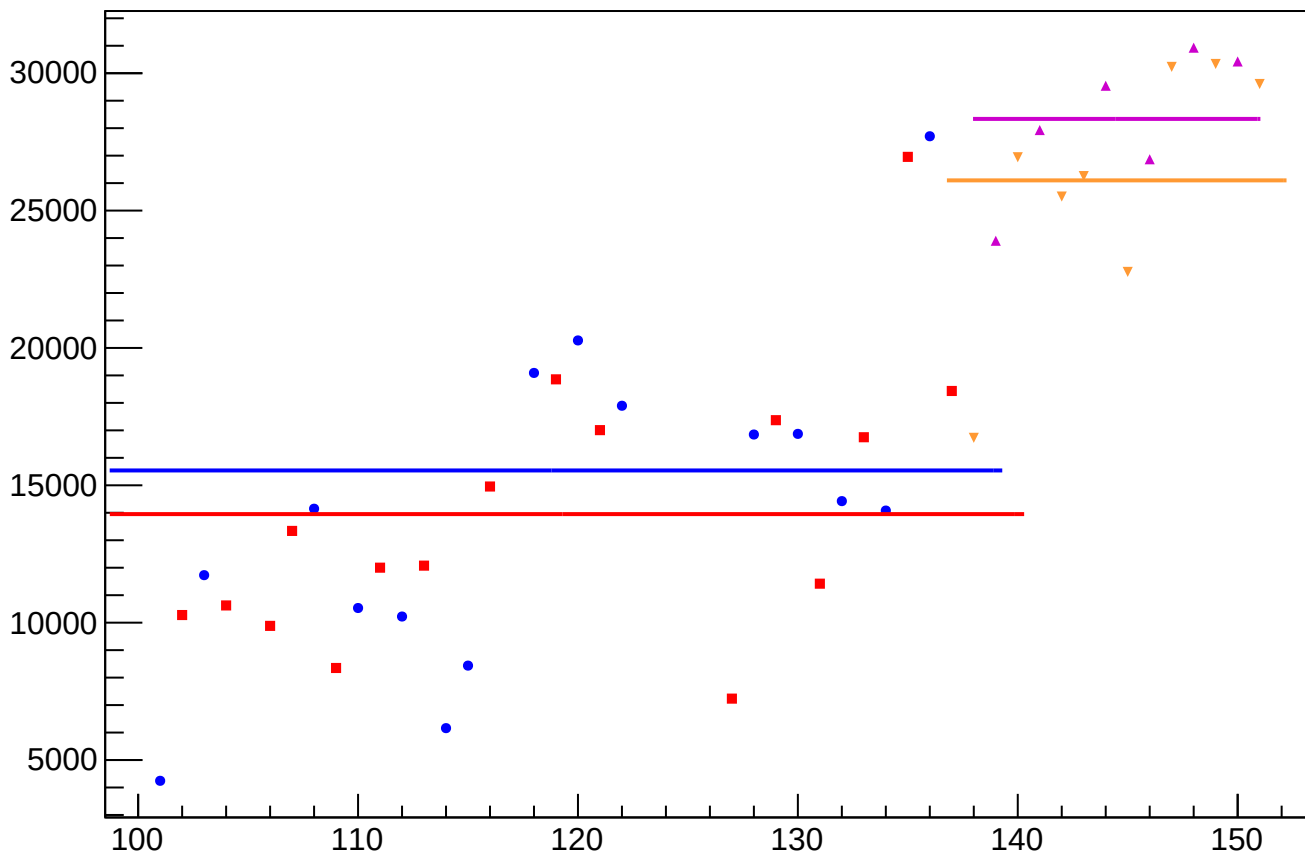
Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485+/-0.000 χ^2/NDF : 46397258455823

All: 1089.981+/-0.000 χ^2/NDF : 12947921580

- sign 1097.871+/-0.000 χ^2/NDF : 82938702856285

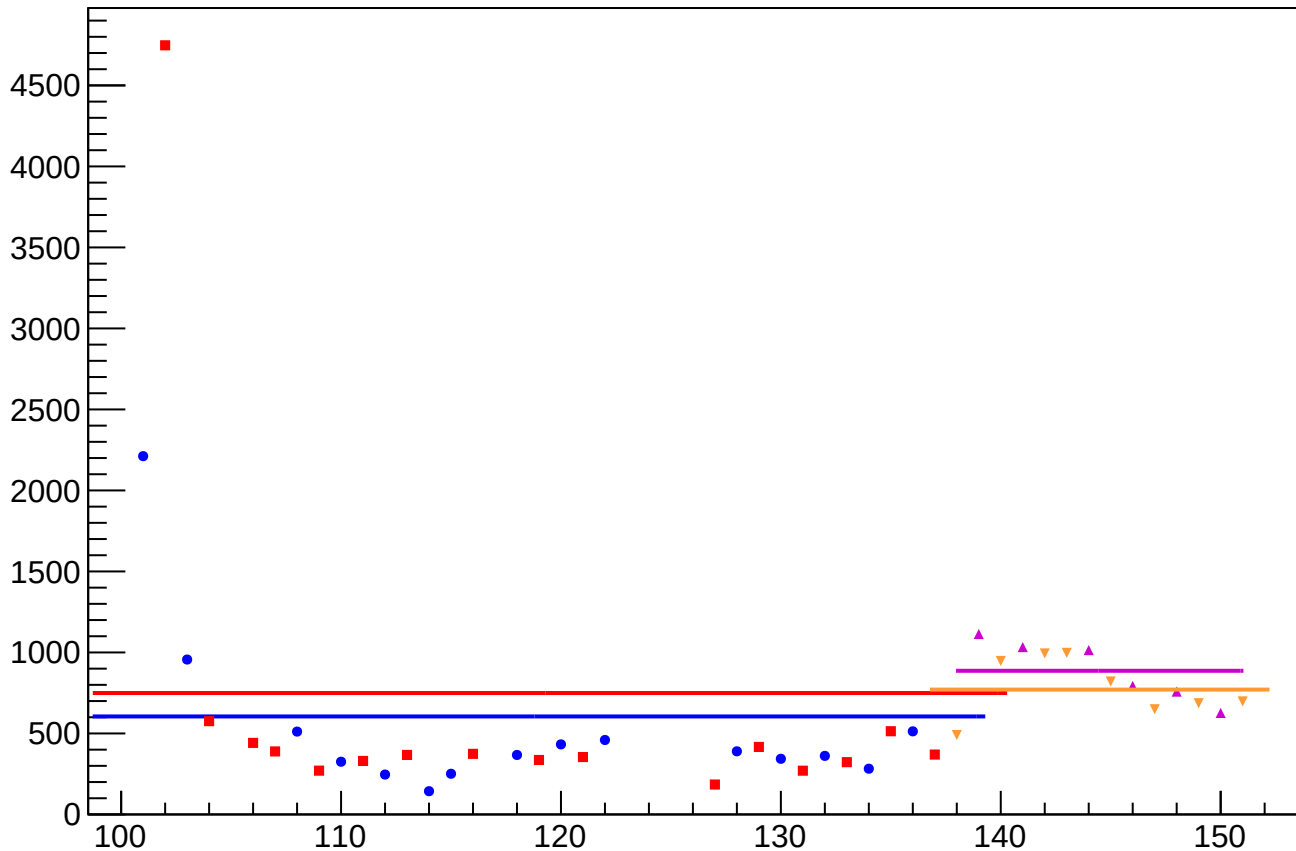
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 26099.627+/-0.000	χ^2/NDF : 11612496605157230163655927322367871680512.0/7
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28337.096+/-0.000	χ^2/NDF : 2878886960924973103433964570313758867456.0/5

+ sign 20582.165+/-0.000 χ^2/NDF : 7354312553589
 All: 20398.774+/-0.000 χ^2/NDF : 1534683967
 - sign 20205.746+/-0.000 χ^2/NDF : 7983953303685

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 770.625+/-0.000 χ^2/NDF : 16790065690969081751441191575641653248.0/7

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

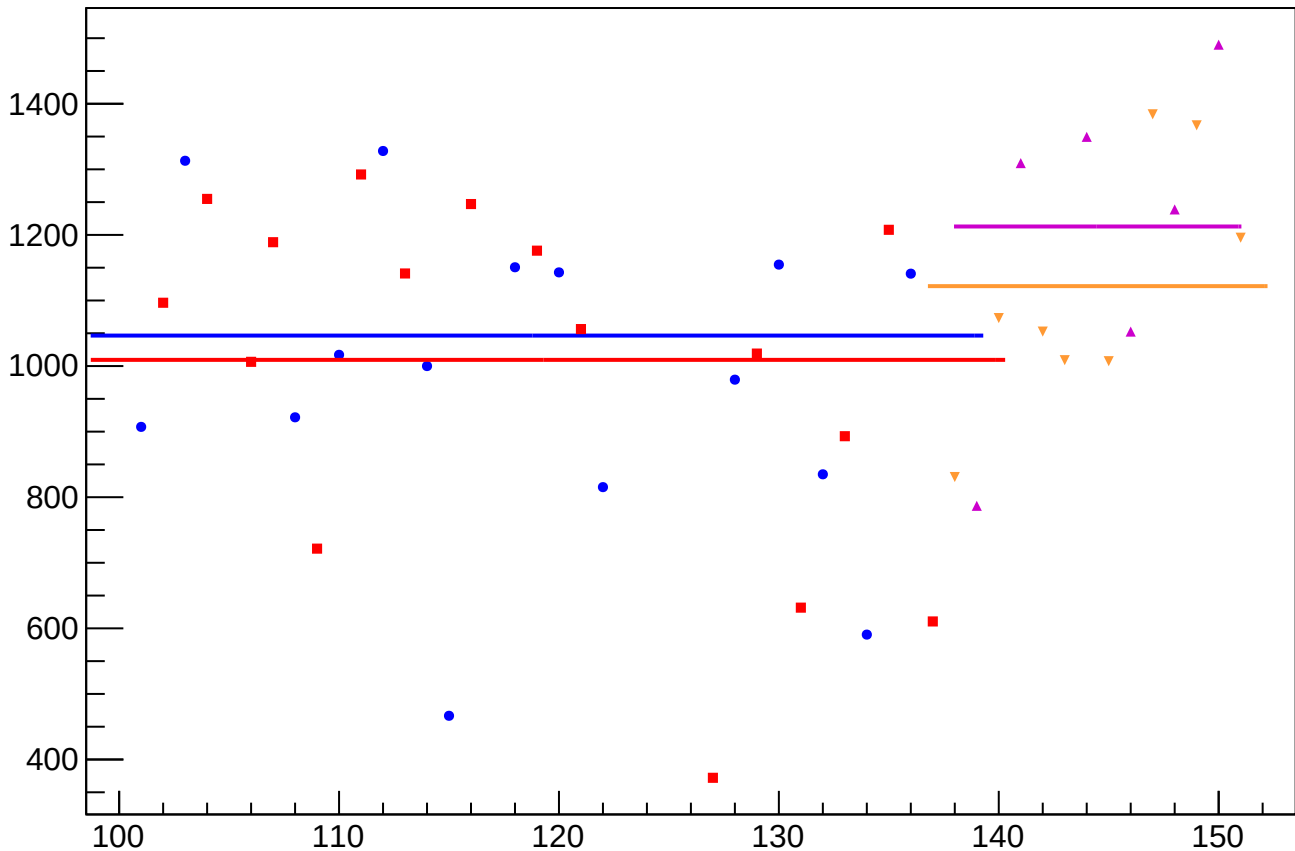
Left In: 886.816+/-0.000 χ^2/NDF : 15711277347383226219846193364347125760.0/5

+ sign 684.096+/-0.000 χ^2/NDF : 214688273496184

All: 745.068+/-0.000 χ^2/NDF : 12666965593

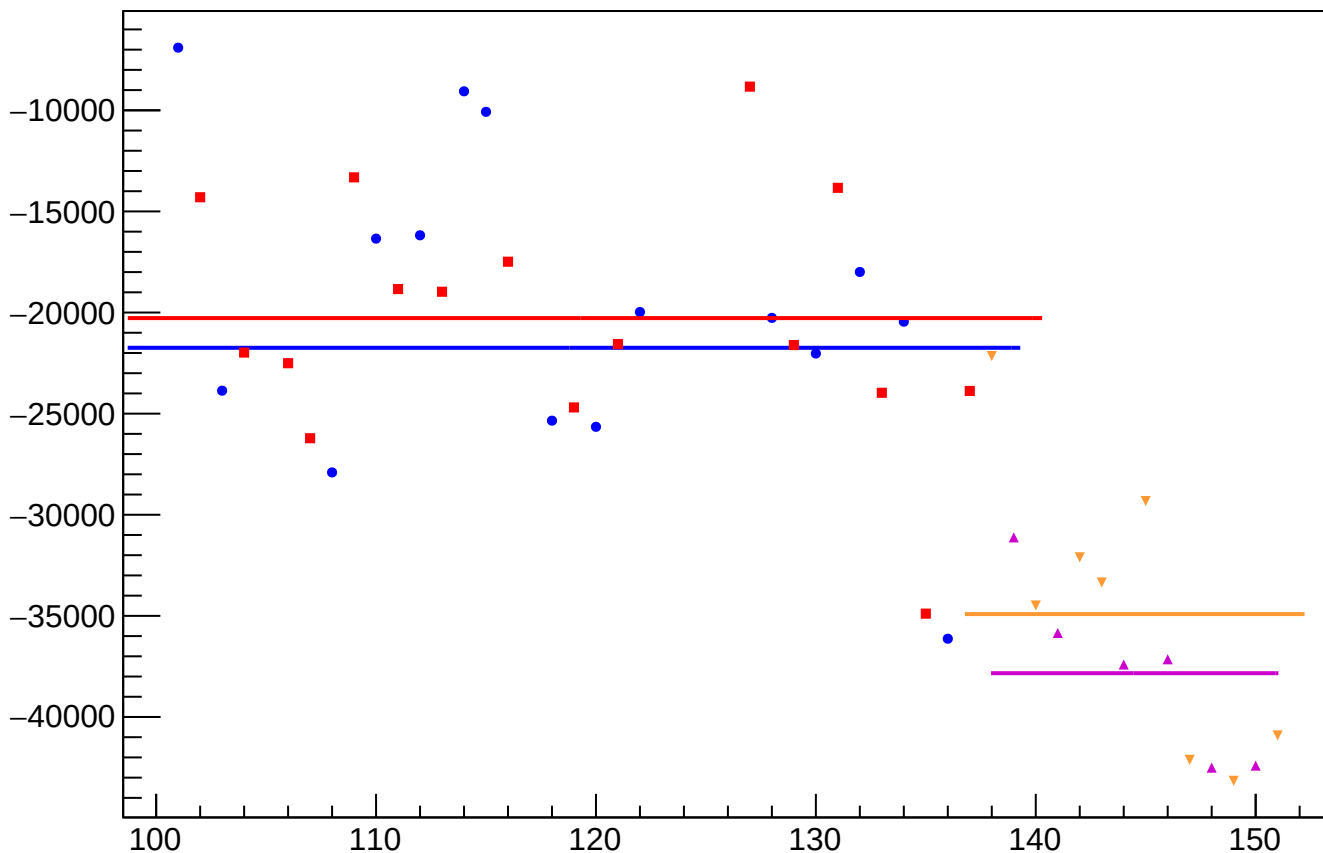
- sign 809.244+/-0.000 χ^2/NDF : 104253117504704

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490 $\pm$ 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879 $\pm$ 0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: 1009.445 $\pm$ 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1212.842 $\pm$ 0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

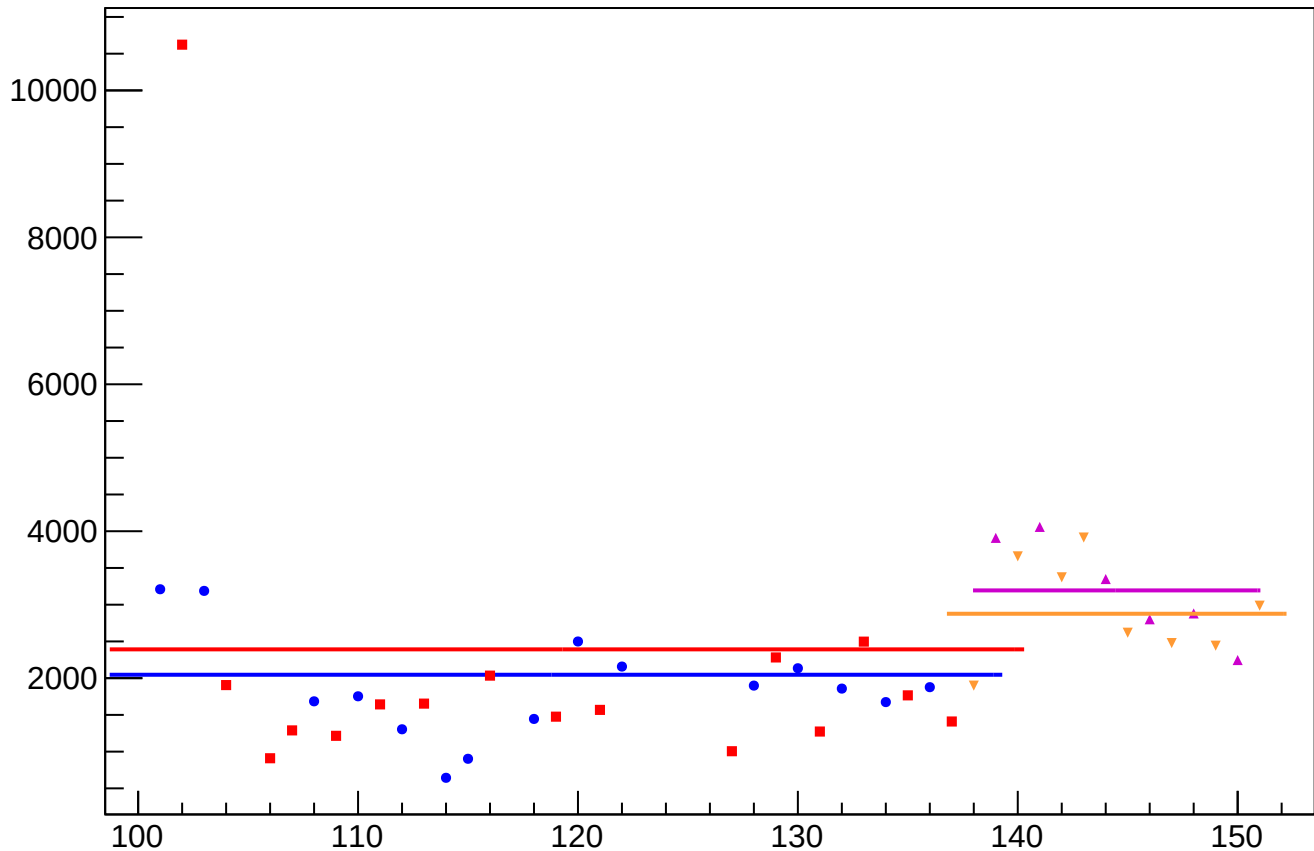
dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000	χ^2/NDF : 41106858823579527325198675675398793068544.0/14
Left Out: -34911.570+/-0.000	χ^2/NDF : 28301525580643315552980021231777187102720.0/7
Right Out: -20275.415+/-0.000	χ^2/NDF : 25935869132092920231681532417627320745984.0/15
Left In: -37834.675+/-0.000	χ^2/NDF : 7779291503188911187686940889344840302592.0/5

+ sign -28030.597+/-0.000 χ^2/NDF : 123140175655
 All: -27971.466+/-0.000 χ^2/NDF : 246271676
 - sign -27909.229+/-0.000 χ^2/NDF : 1231225871608

dit_atr2_coil1_err_mean vs Slug



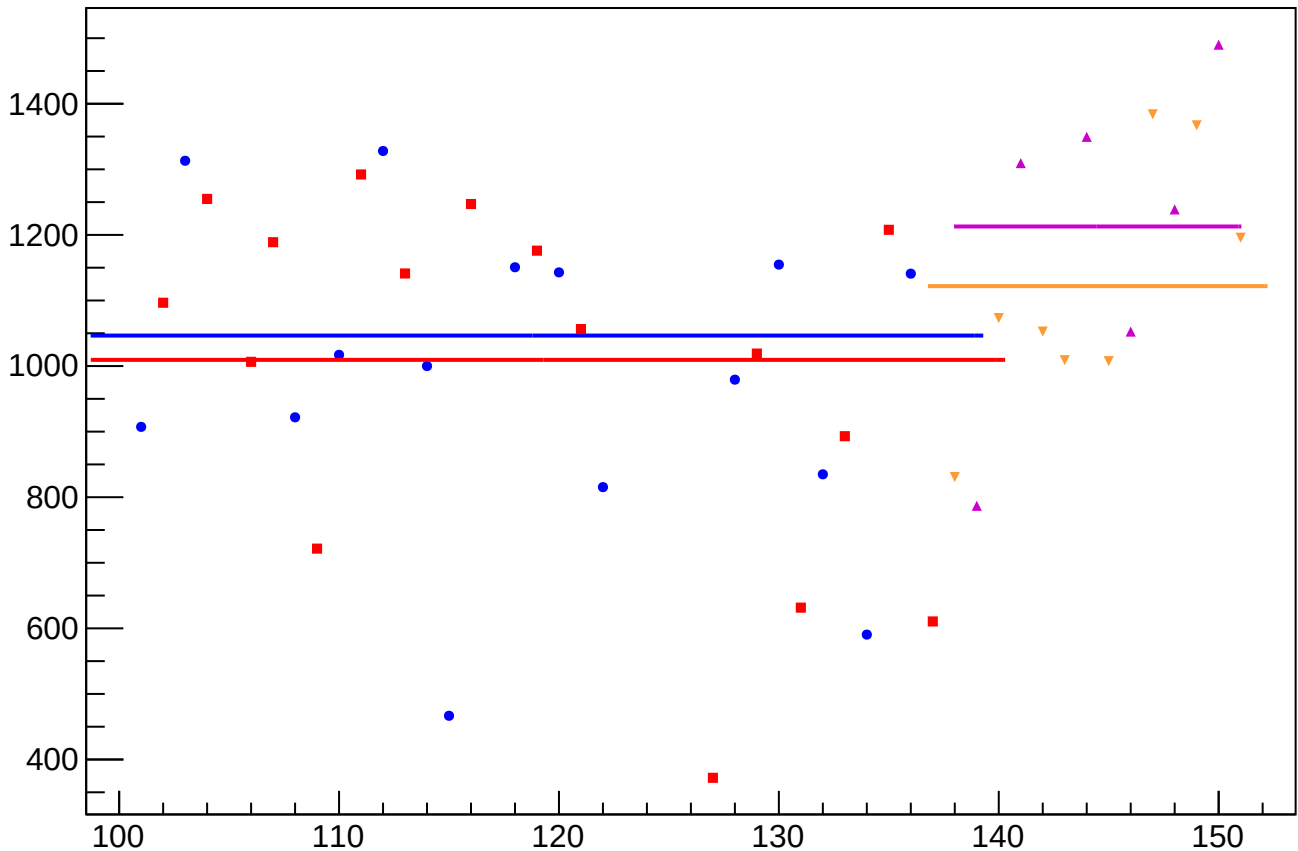
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14
Left Out: 2876.631+/-0.000	χ^2/NDF : 242736223914621313962120940945437360128.0/7
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15
Left In: 3194.424+/-0.000	χ^2/NDF : 209902275036271773602053052545596653568.0/5

+ sign 2442.774+/-0.000 χ^2/NDF : 72290287975080

All: 2587.980+/-0.000 χ^2/NDF : 55885895507

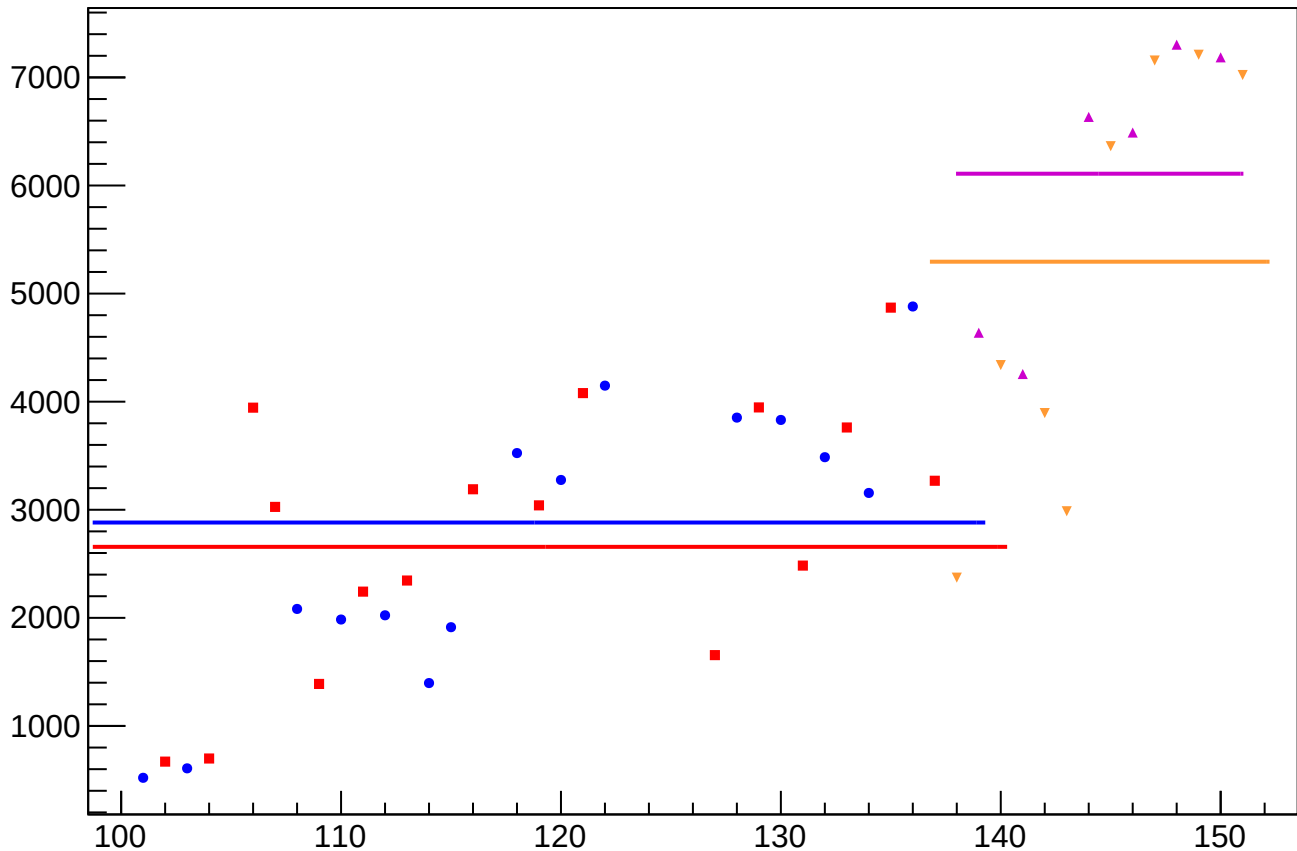
- sign 2740.816+/-0.000 χ^2/NDF : 48119361508503

dit_atr2_coil1_Ndata_mean vs Slug



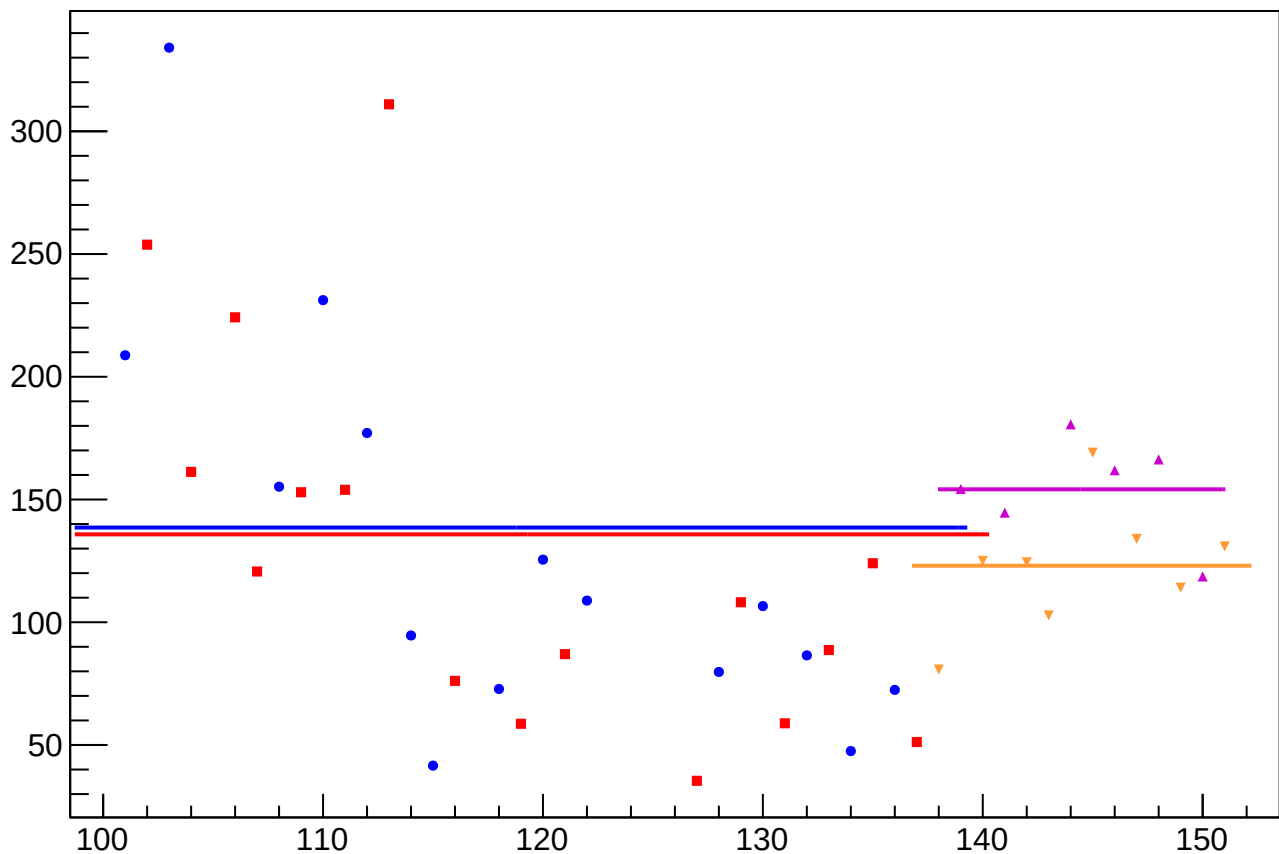
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5295.074+/-0.000 χ^2/NDF : 2089343287860879939852982469939515359232.0/7
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6109.075+/-0.000 χ^2/NDF : 729031343604530247546478533430973825024.0/5

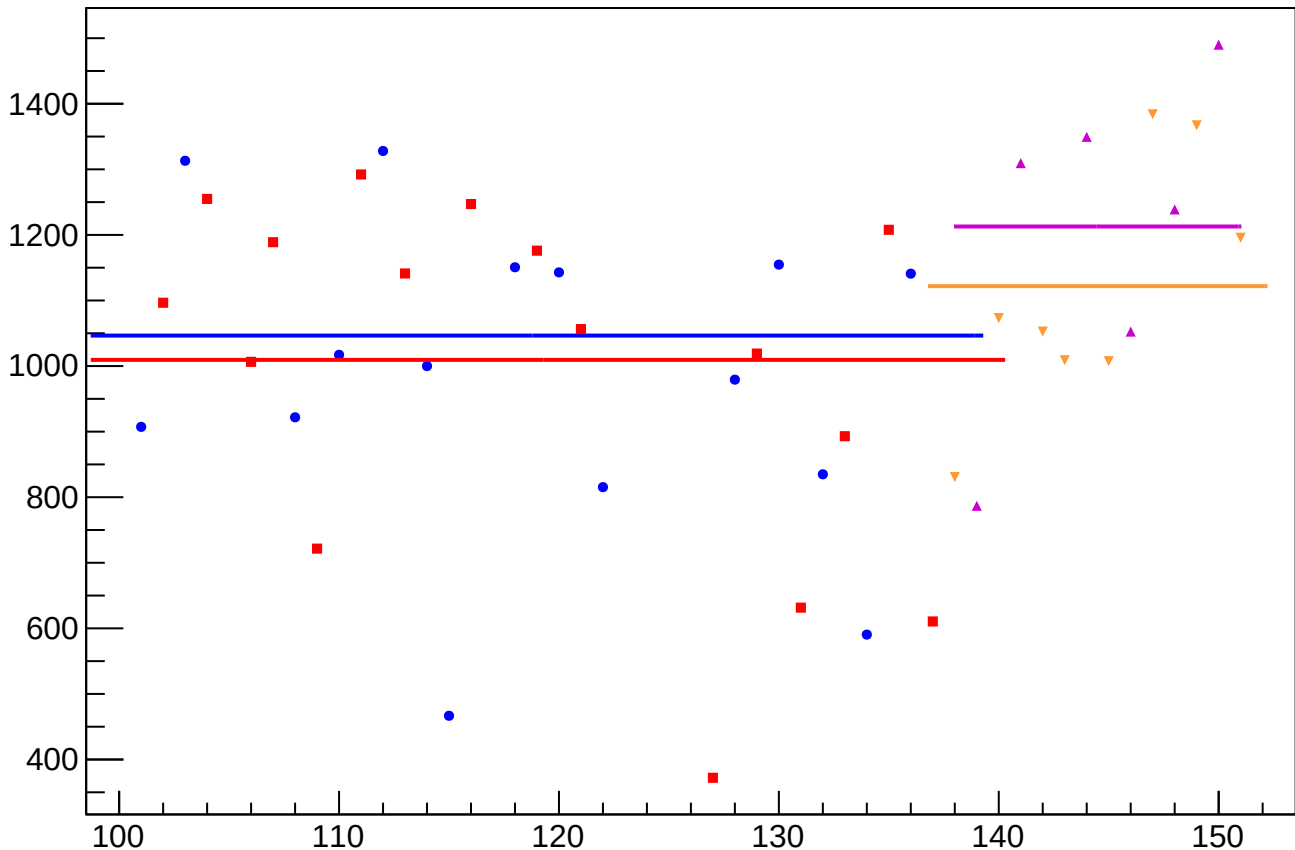
dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14
Left Out: 123.032+/-0.000	χ^2/NDF : 360041018690717259512275337748676608.0/7
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15
Left In: 154.148+/-0.000	χ^2/NDF : 202194837330879051165046529423572992.0/5

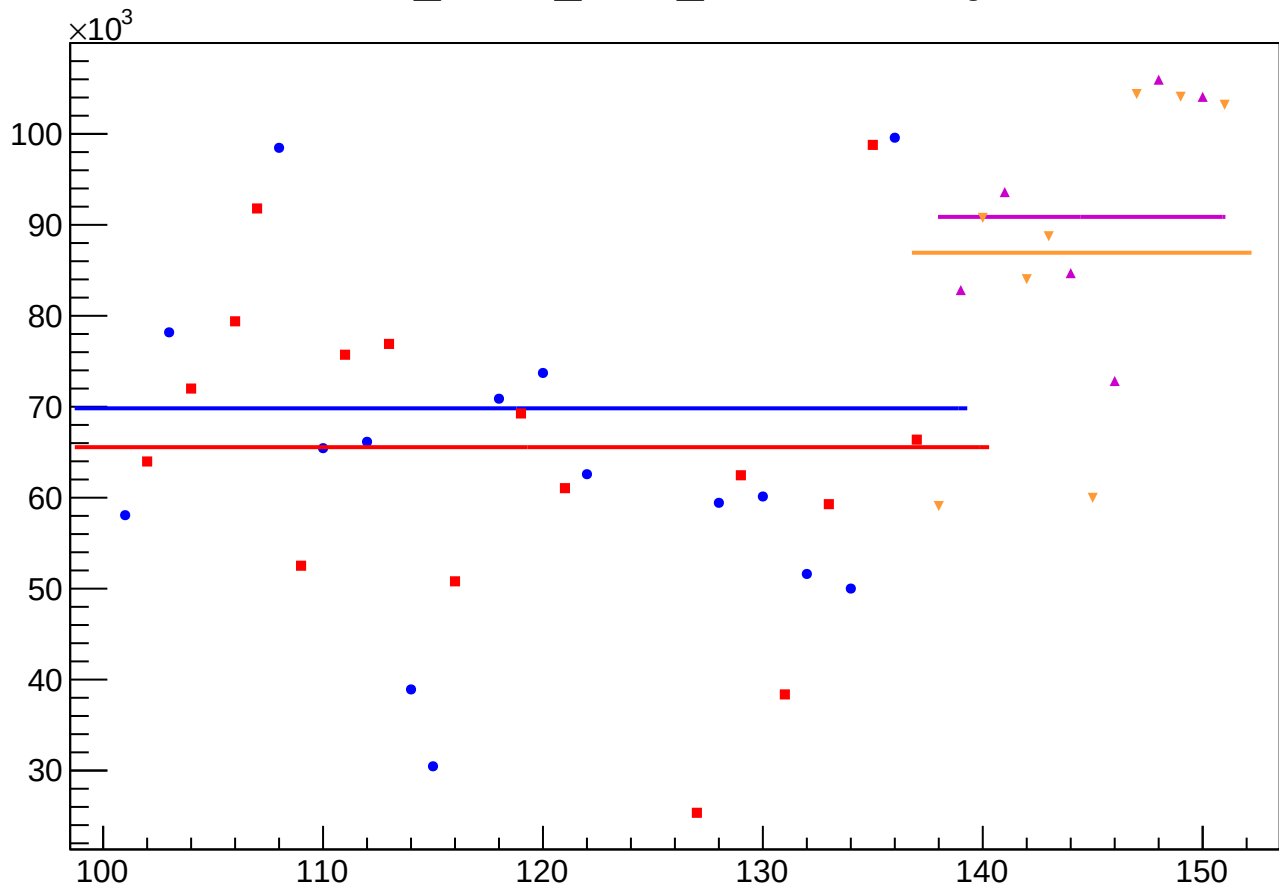
+ sign 131.155+/-0.000 χ^2/NDF : 467728758805361
 All: 137.307+/-0.000 χ^2/NDF : 902988064167
 - sign 143.782+/-0.000 χ^2/NDF : 425612432584169

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879 +/- 0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1212.842 +/- 0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5
 All: 1089.981 +/- 0.000 χ^2/NDF : 12947921580.0/14
 + sign 1082.485 +/- 0.000 χ^2/NDF : 46397258455823.0/14
 - sign 1097.871 +/- 0.000 χ^2/NDF : 82938702856285.0/14

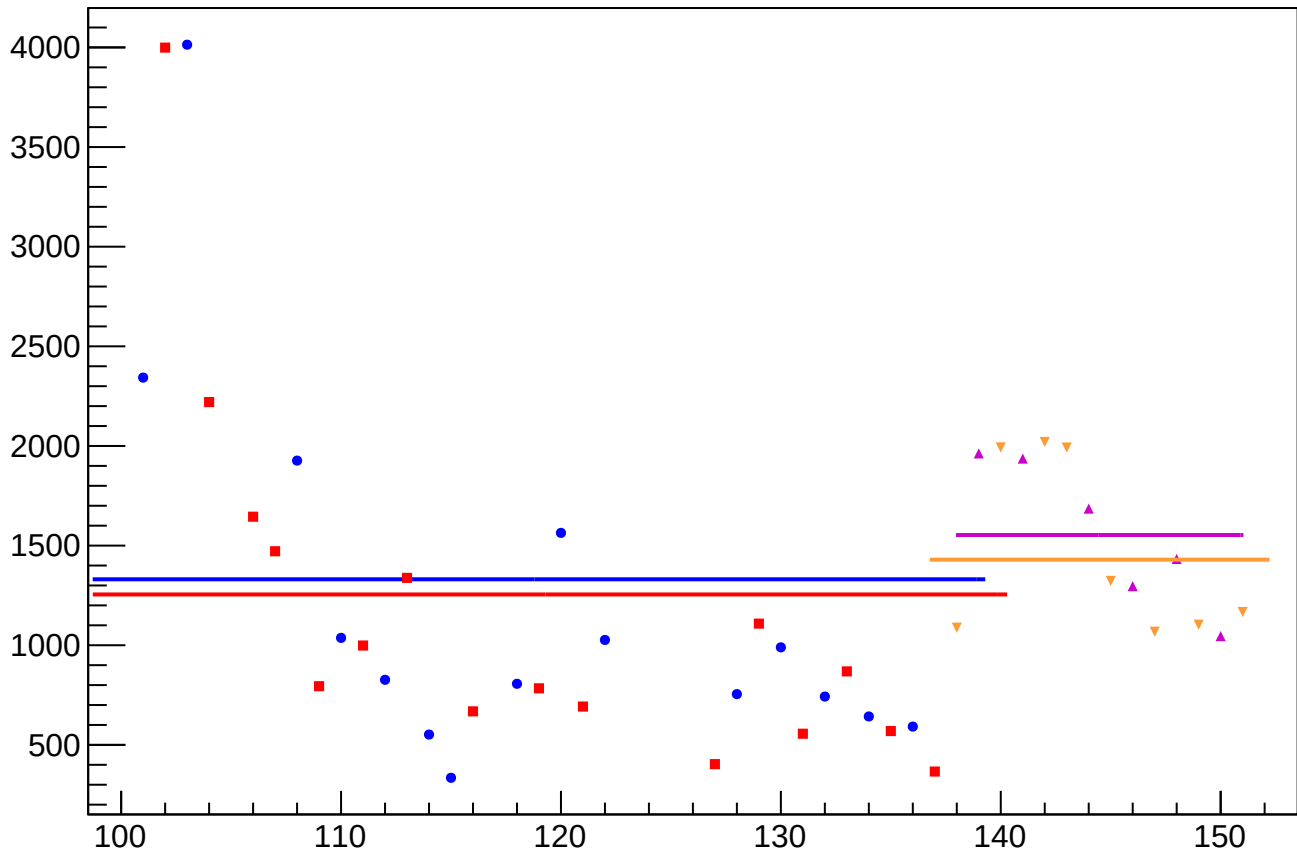
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 86934.404 $\pm$ 0.000	χ^2 /NDF: 189982562827928971107411693398430110973952.0/7
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 90875.853 $\pm$ 0.000	χ^2 /NDF: 71282703334068391241031342445800393277440.0/5

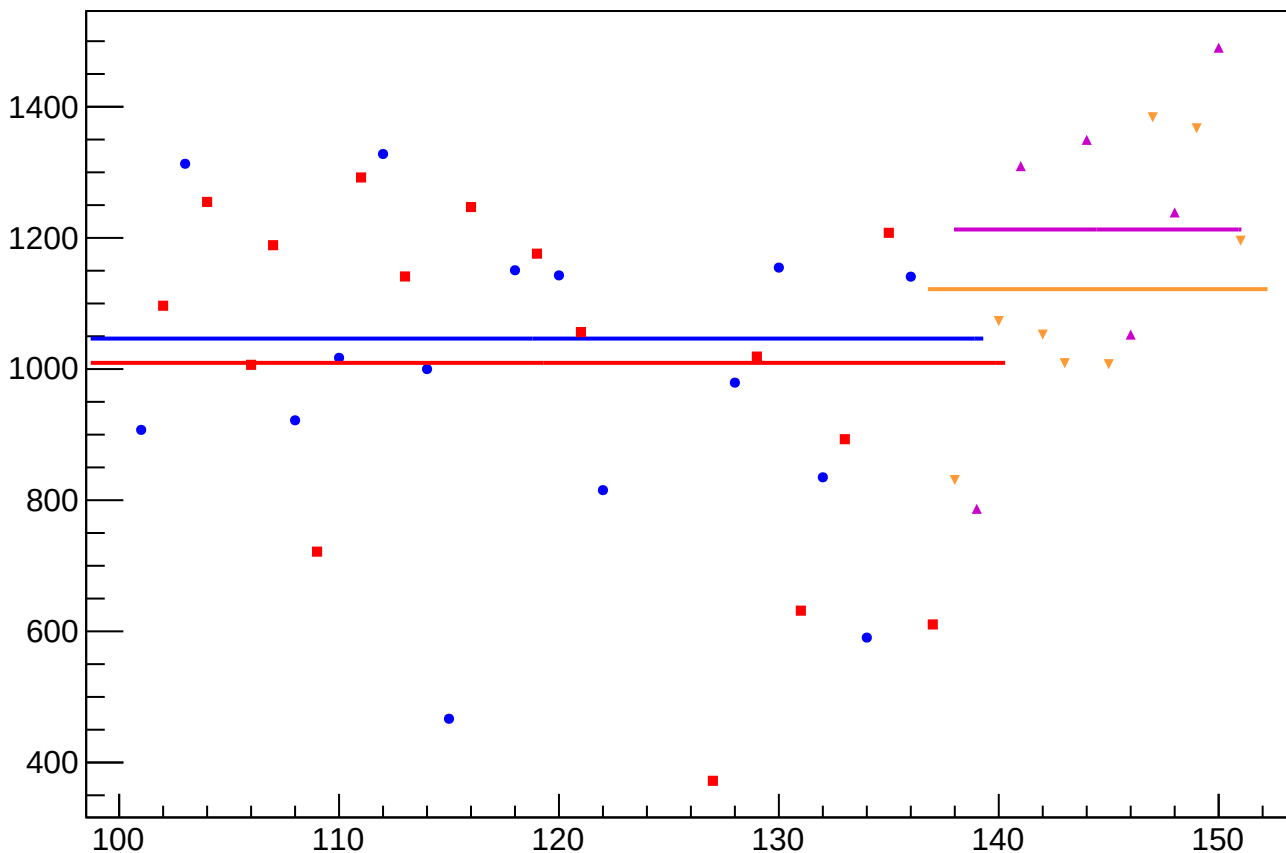
+ sign 77995.444 $\pm$ 0.000 χ^2 /NDF: 4684645947698
 All: 77297.662 $\pm$ 0.000 χ^2 /NDF: 9389043038
 - sign 76563.217 $\pm$ 0.000 χ^2 /NDF: 4691984759745

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1429.453+/-0.000 χ^2/NDF : 97699517724842487757162734397855629312.0/7
 Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1553.141+/-0.000 χ^2/NDF : 57749360686180068974962263315470876672.0/5

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879 +/- 0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

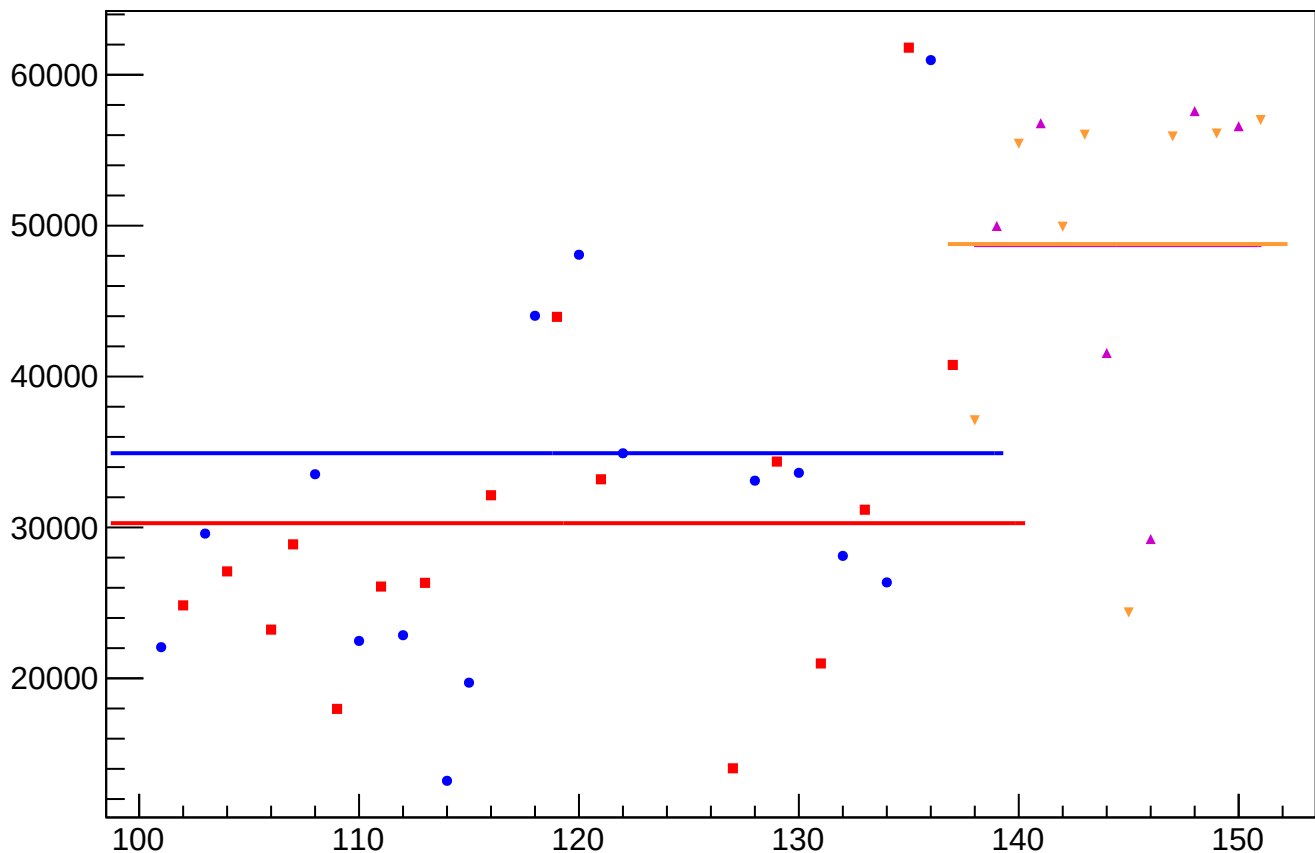
Left In: 1212.842 +/- 0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485 +/- 0.000 χ^2/NDF : 46397258455823

All: 1089.981 +/- 0.000 χ^2/NDF : 12947921580

- sign 1097.871 +/- 0.000 χ^2/NDF : 82938702856285

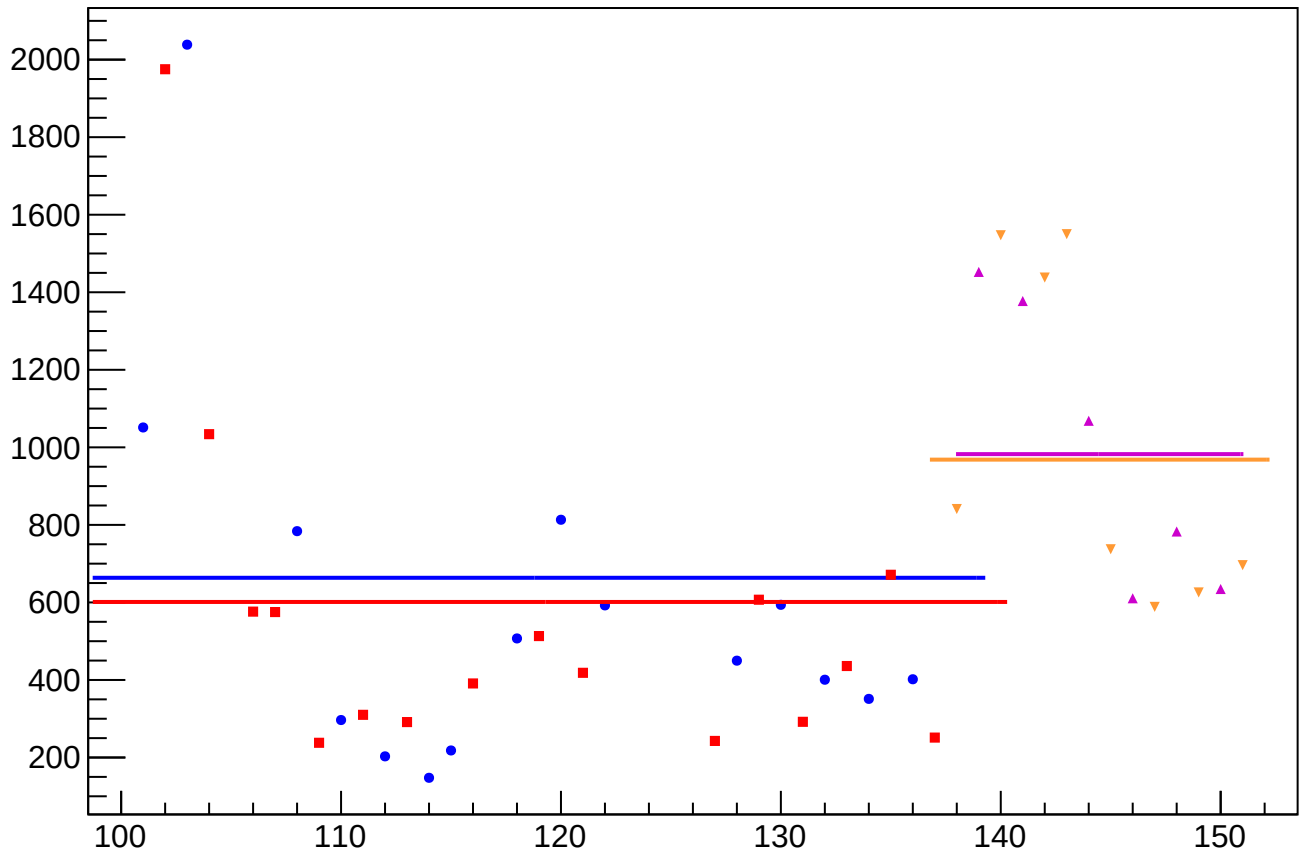
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 48780.613+/-0.000	χ^2/NDF : 79800882996749589222265574611568994287616.0/7
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 48711.135+/-0.000	χ^2/NDF : 53997748285815449960284958065161586868224.0/5

+ sign 41537.680+/-0.000 χ^2/NDF : 2457216391176
 All: 39957.454+/-0.000 χ^2/NDF : 4929125828
 - sign 38294.200+/-0.000 χ^2/NDF : 2408251573436

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

+ sign 809.073+/-0.000 χ^2/NDF : 279140073178182

Left Out: 968.312+/-0.000 χ^2/NDF : 92672049794836264279359456084030914560.0/7

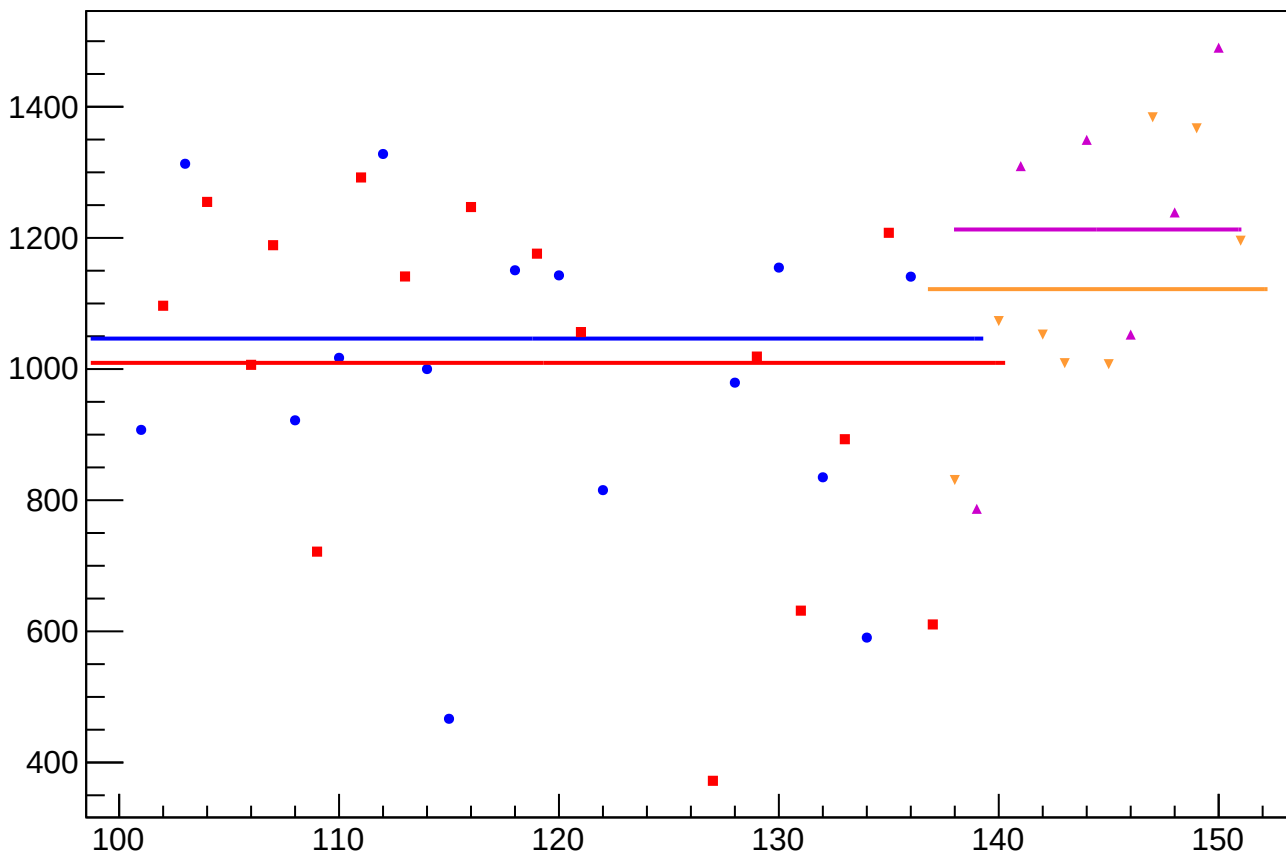
All: 788.571+/-0.000 χ^2/NDF : 529733224356

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

- sign 766.993+/-0.000 χ^2/NDF : 249521668481965

Left In: 982.535+/-0.000 χ^2/NDF : 57640257785450707977212094374274400256.0/5

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879 +/- 0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

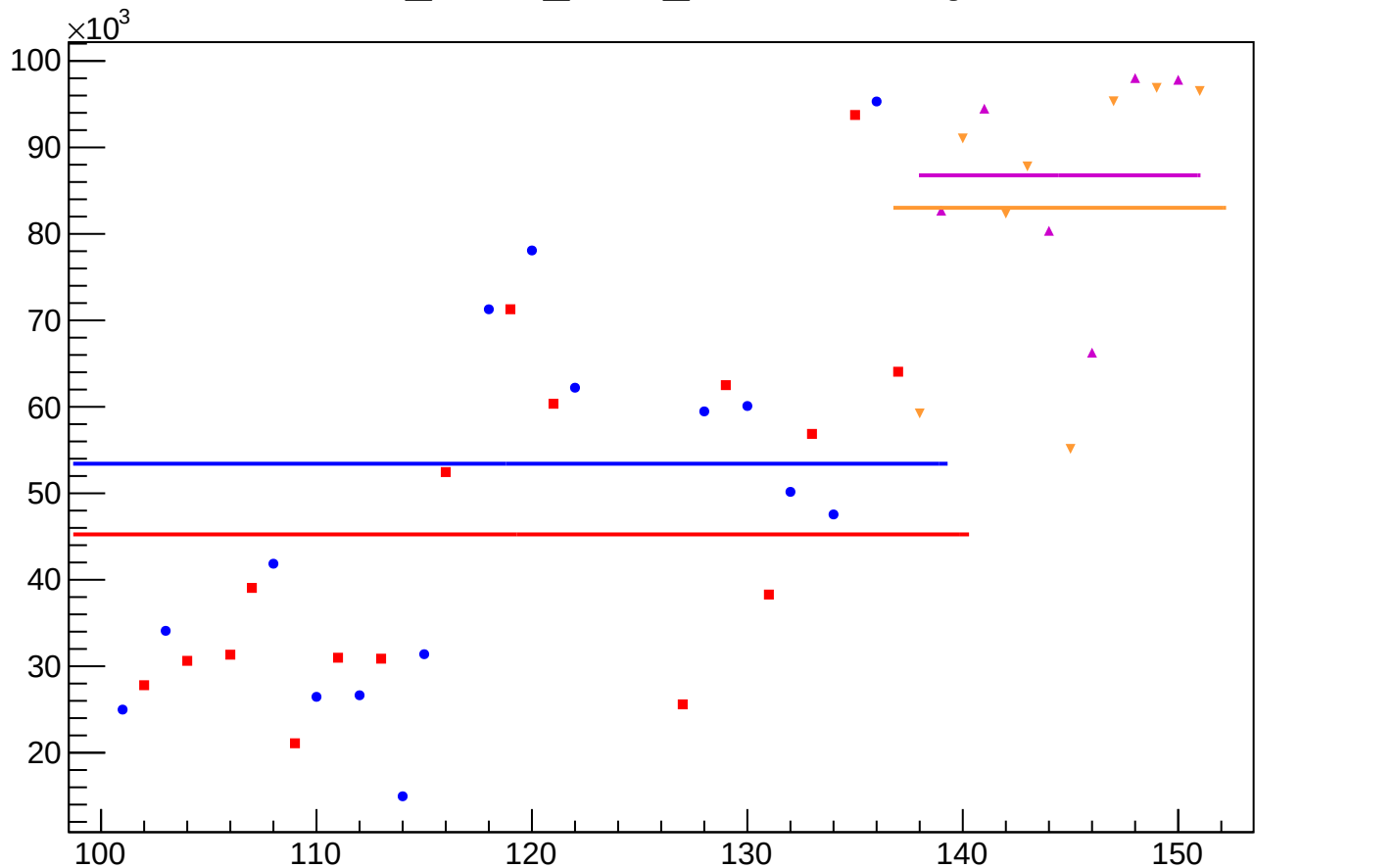
Left In: 1212.842 +/- 0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485 +/- 0.000 χ^2/NDF : 46397258455823

All: 1089.981 +/- 0.000 χ^2/NDF : 12947921580

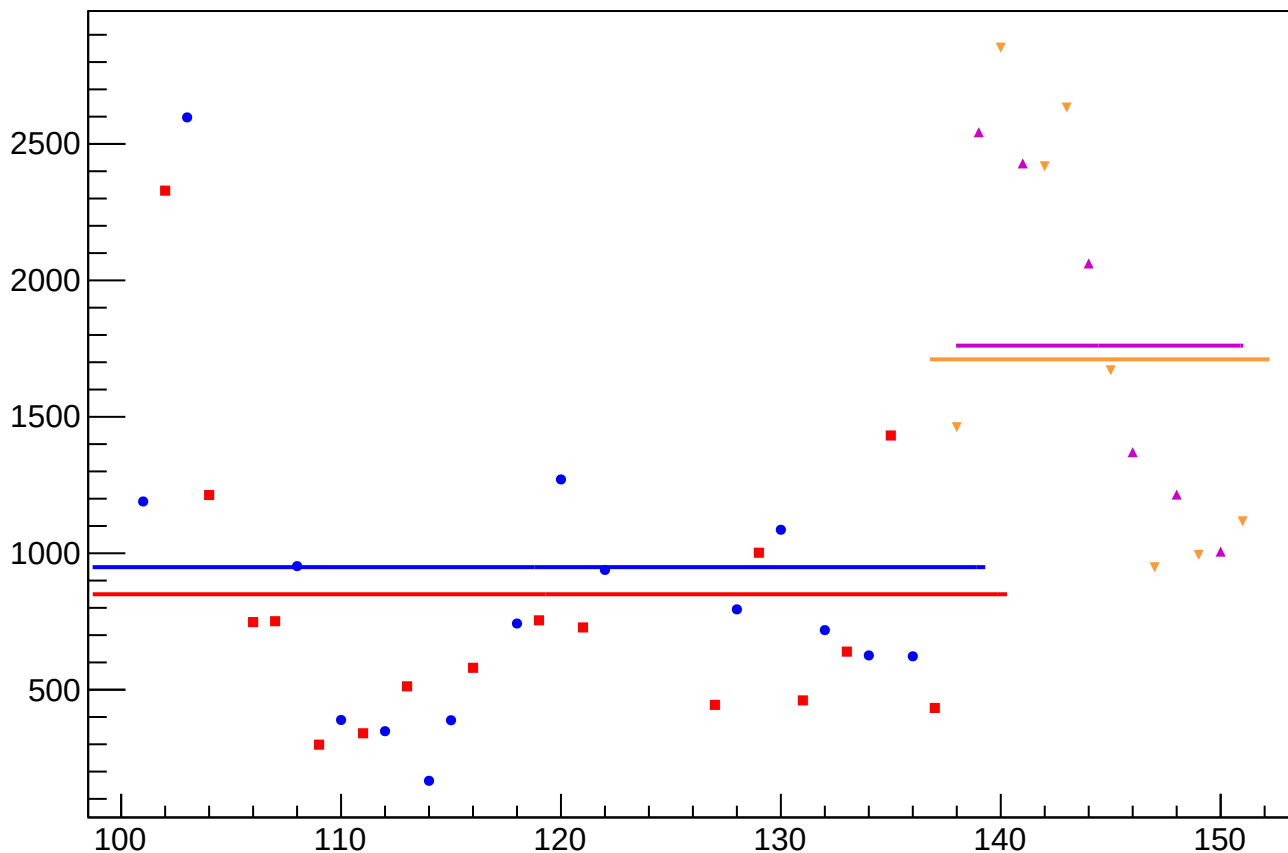
- sign 1097.871 +/- 0.000 χ^2/NDF : 82938702856285

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 83017.640+/-0.000 χ^2/NDF : 155951323315856956126907289697410848129024.0/7
 Right Out: 45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 86777.679+/-0.000 χ^2/NDF : 66702062223038807901441507739769721847808.0/5

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1710.624+/-0.000 χ^2/NDF : 307573232527620646000545797506332622848.0/7

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

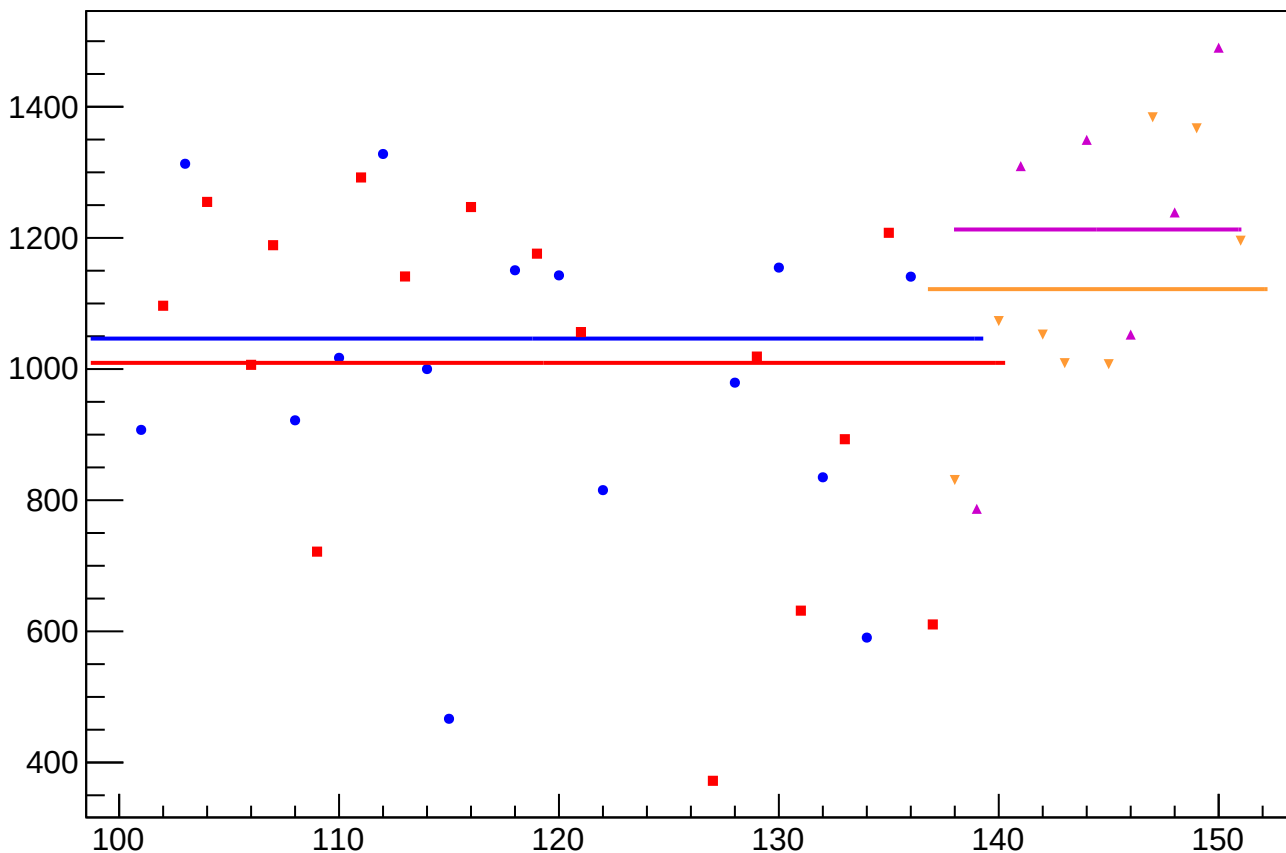
Left In: 1760.880+/-0.000 χ^2/NDF : 185044838980460119816833820299544756224.0/5

+ sign 1312.745+/-0.000 χ^2/NDF : 71291741499200

All: 1280.180+/-0.000 χ^2/NDF : 13459727463

- sign 1245.903+/-0.000 χ^2/NDF : 63035183826726

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

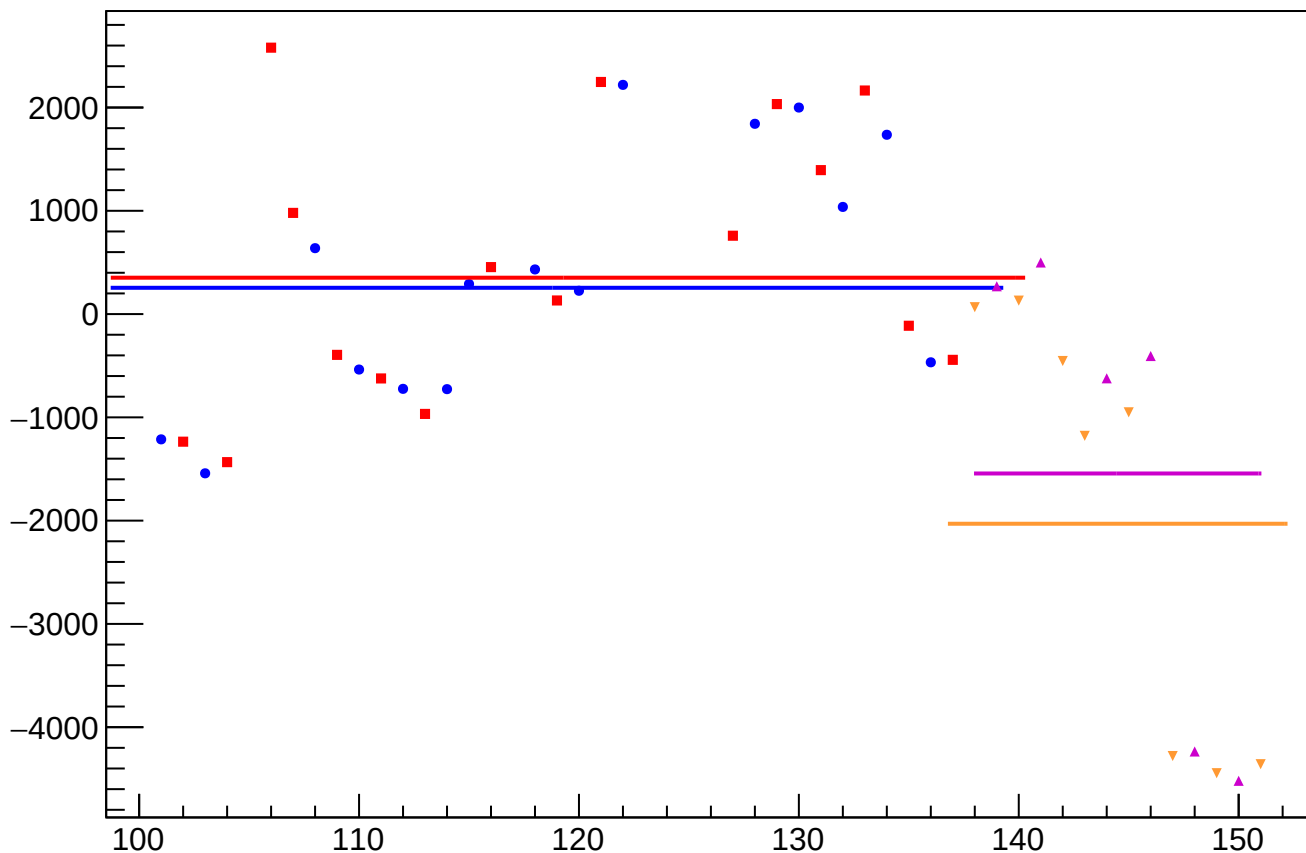
Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485+/-0.000 χ^2/NDF : 46397258455823

All: 1089.981+/-0.000 χ^2/NDF : 12947921580

- sign 1097.871+/-0.000 χ^2/NDF : 82938702856285

dit_sam5_coil1_mean vs Slug



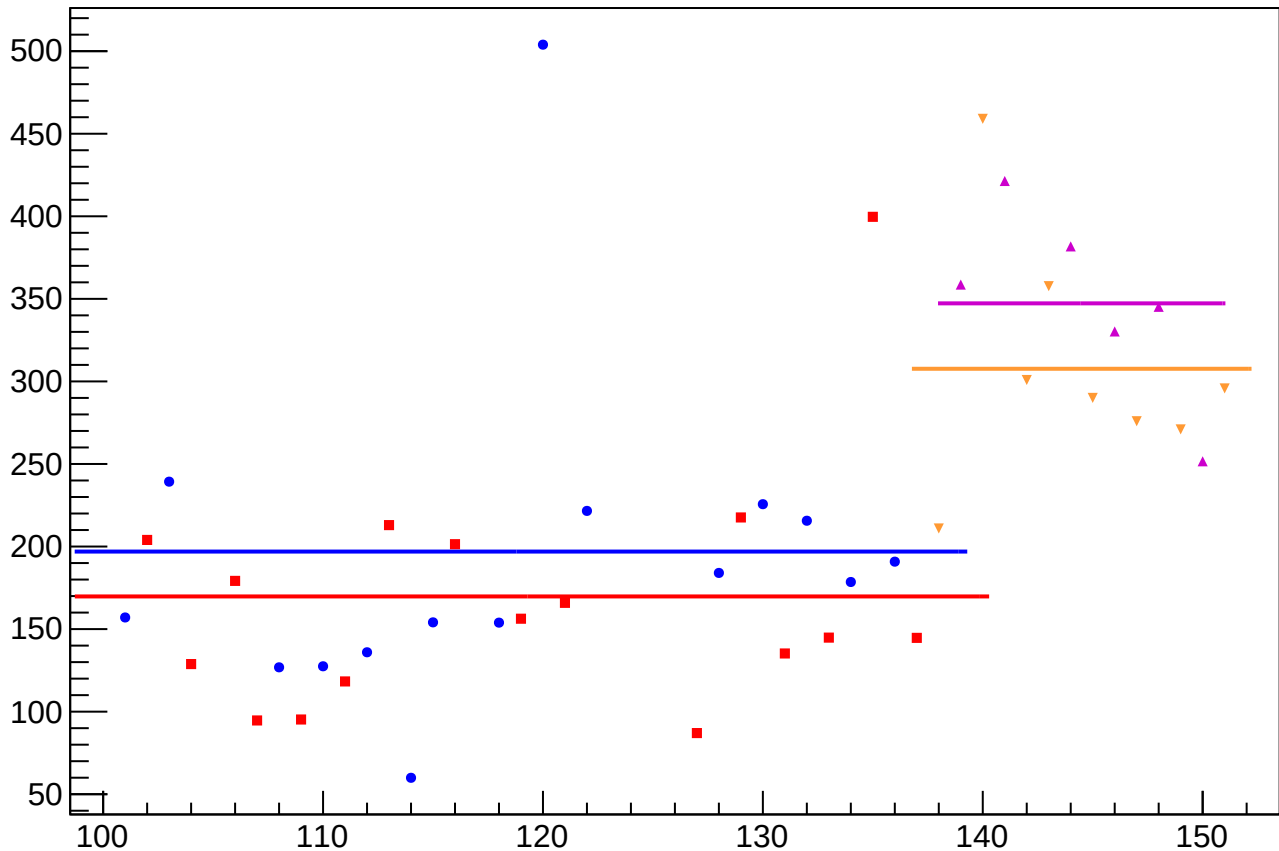
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -2030.172+/-0.000 χ^2/NDF : 2284799188375026332586331792816048439296.0/7

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

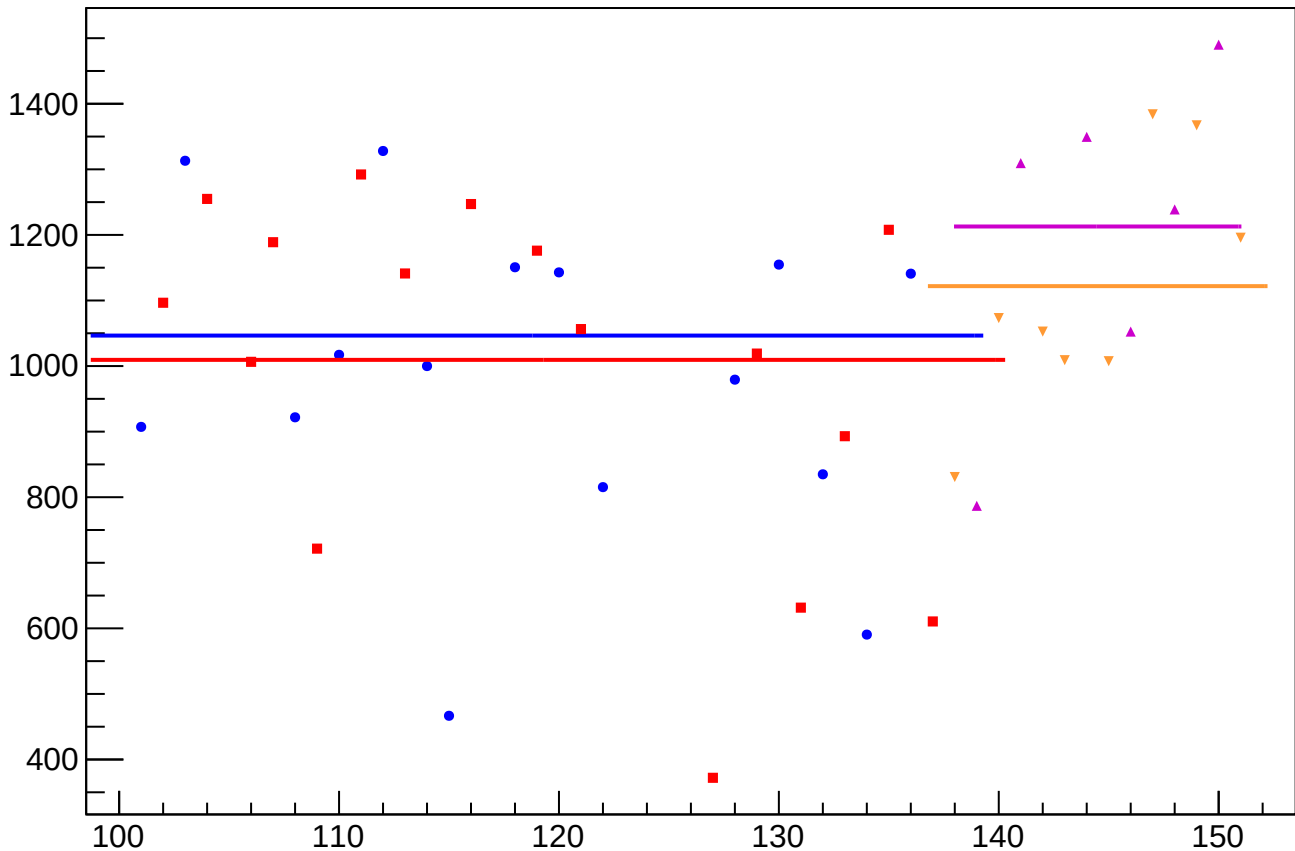
Left In: -1543.440+/-0.000 χ^2/NDF : 2218369789935830982782768686506654564352.0/5

dit_sam5_coil1_err_mean vs Slug



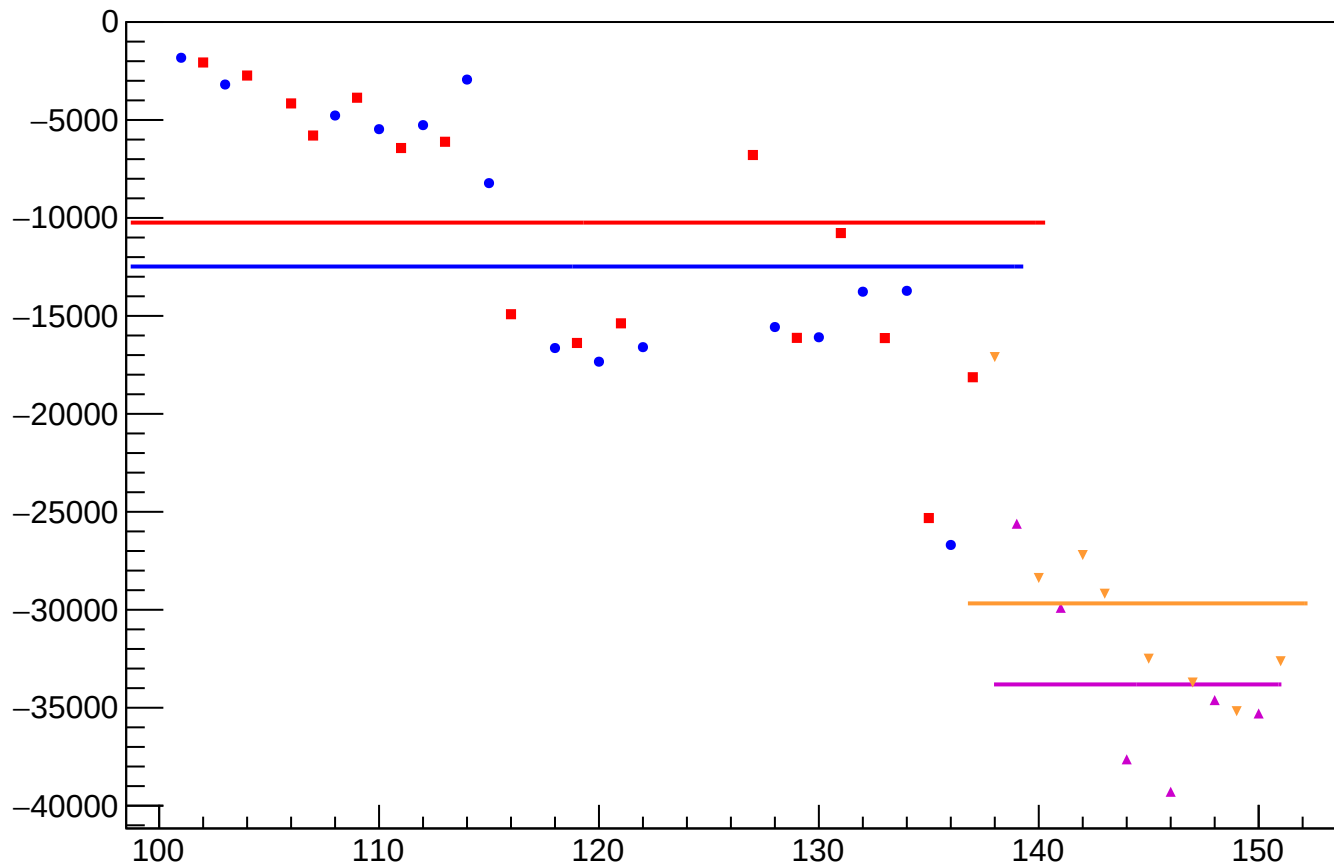
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 249.810+/-0.000	χ^2/NDF : 112887947379514
Left Out: 307.656+/-0.000	χ^2/NDF : 3006214984187867145867649018165723136.0/7	All: 248.413+/-0.000	χ^2/NDF : 257618649453
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 246.943+/-0.000	χ^2/NDF : 144680955389776
Left In: 347.272+/-0.000	χ^2/NDF : 1440091476371821401262735859952648192.0/5		

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000

χ^2/NDF : 41178633231253805317353333973475271901184.0/14

Left Out: -29674.130+/-0.000

+ sign -20689.254+/-0.000 χ^2/NDF : 150688162239

Right Out: -10238.098+/-0.000

χ^2/NDF : 17896822956882298895770217671439981477888.0/7

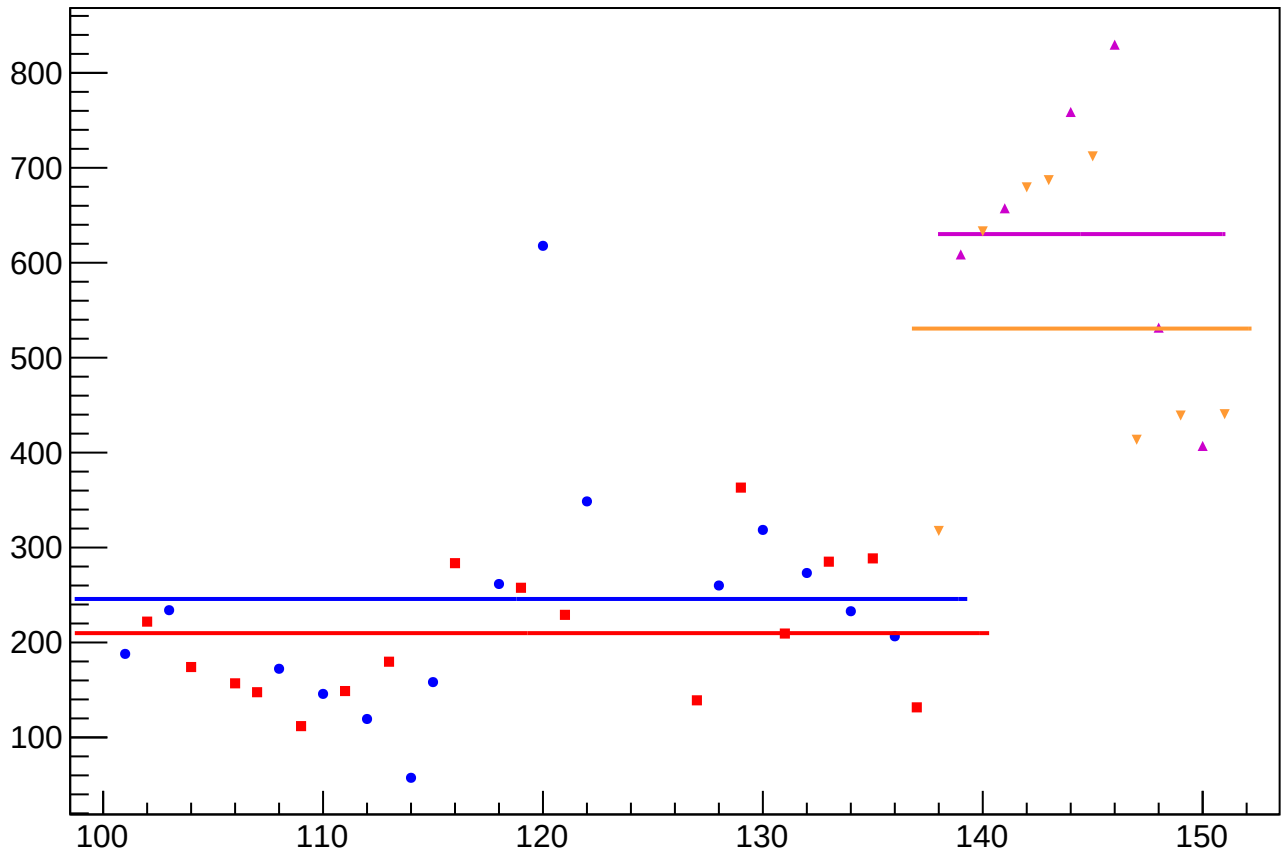
Left In: -33810.008+/-0.000

All: -20590.173+/-0.000 χ^2/NDF : 353856934

- sign -20485.886+/-0.000 χ^2/NDF : 2031437462529

χ^2/NDF : 10795408458311032513674427073499188166656.0/5

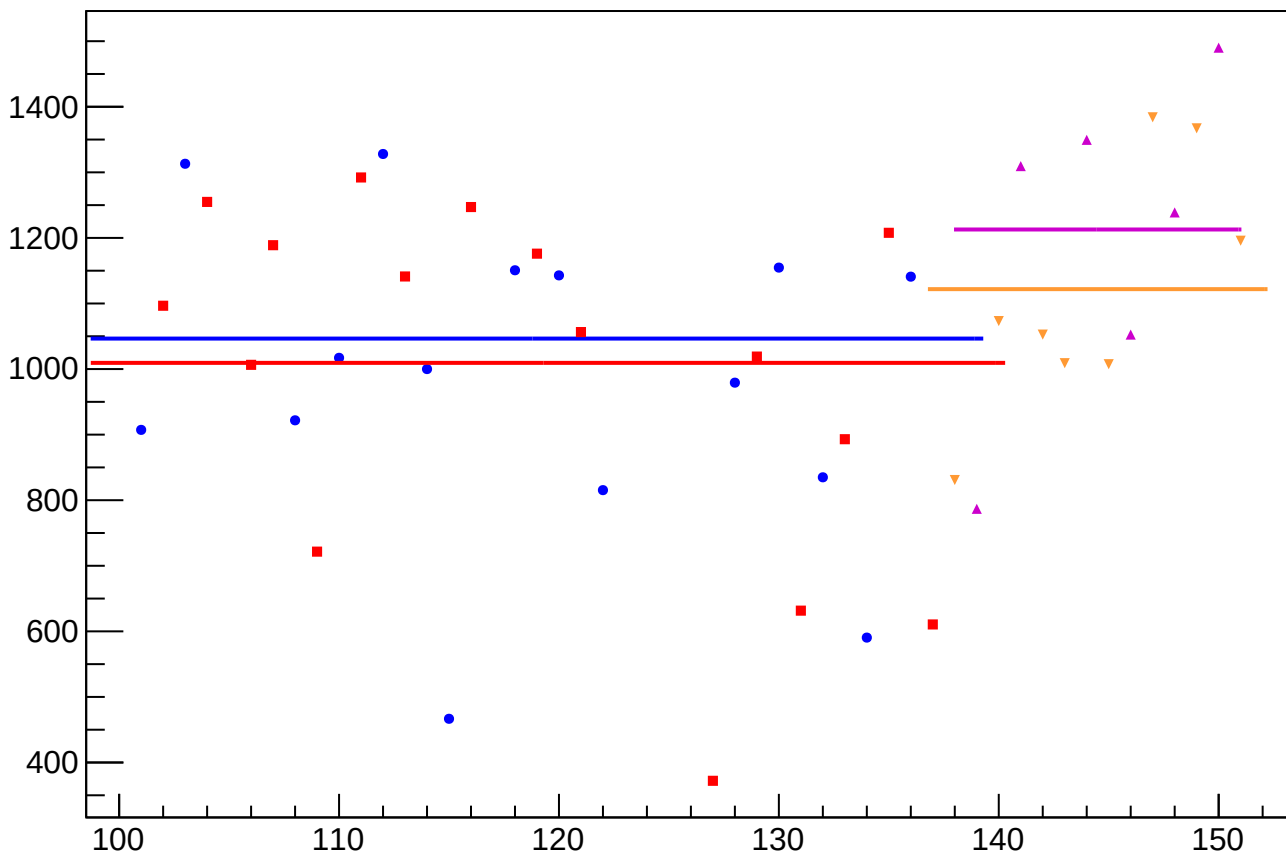
dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14
Left Out: 530.665+/-0.000	χ^2/NDF : 12125707148581166773283291524241555456.0/7
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15
Left In: 630.188+/-0.000	χ^2/NDF : 10224142697857120125992006757174476800.0/5

+ sign 381.828+/-0.000 χ^2/NDF : 450935354686096
 All: 387.069+/-0.000 χ^2/NDF : 109751783982
 - sign 392.587+/-0.000 χ^2/NDF : 645882026170922

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

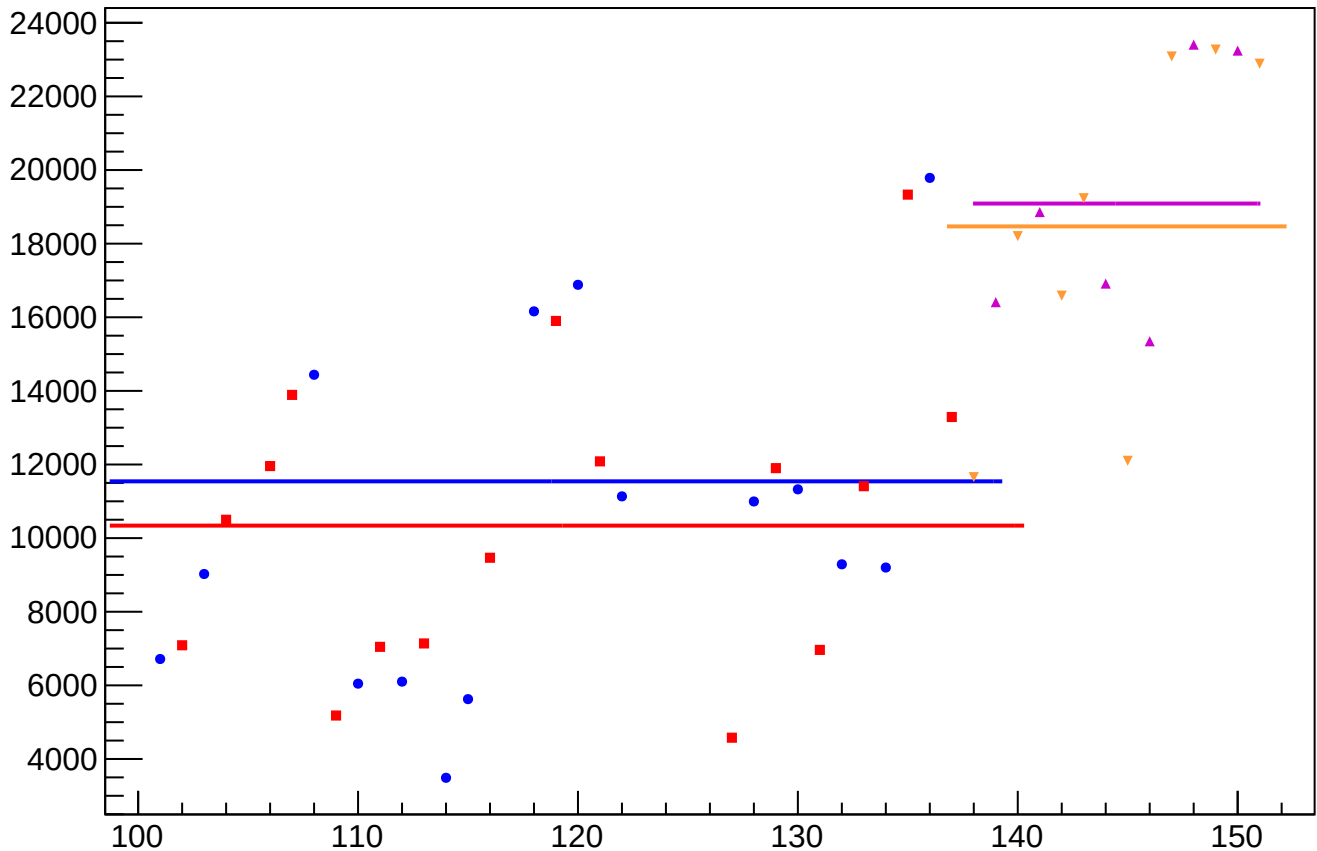
Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

+ sign 1082.485+/-0.000 χ^2/NDF : 46397258455823

All: 1089.981+/-0.000 χ^2/NDF : 12947921580

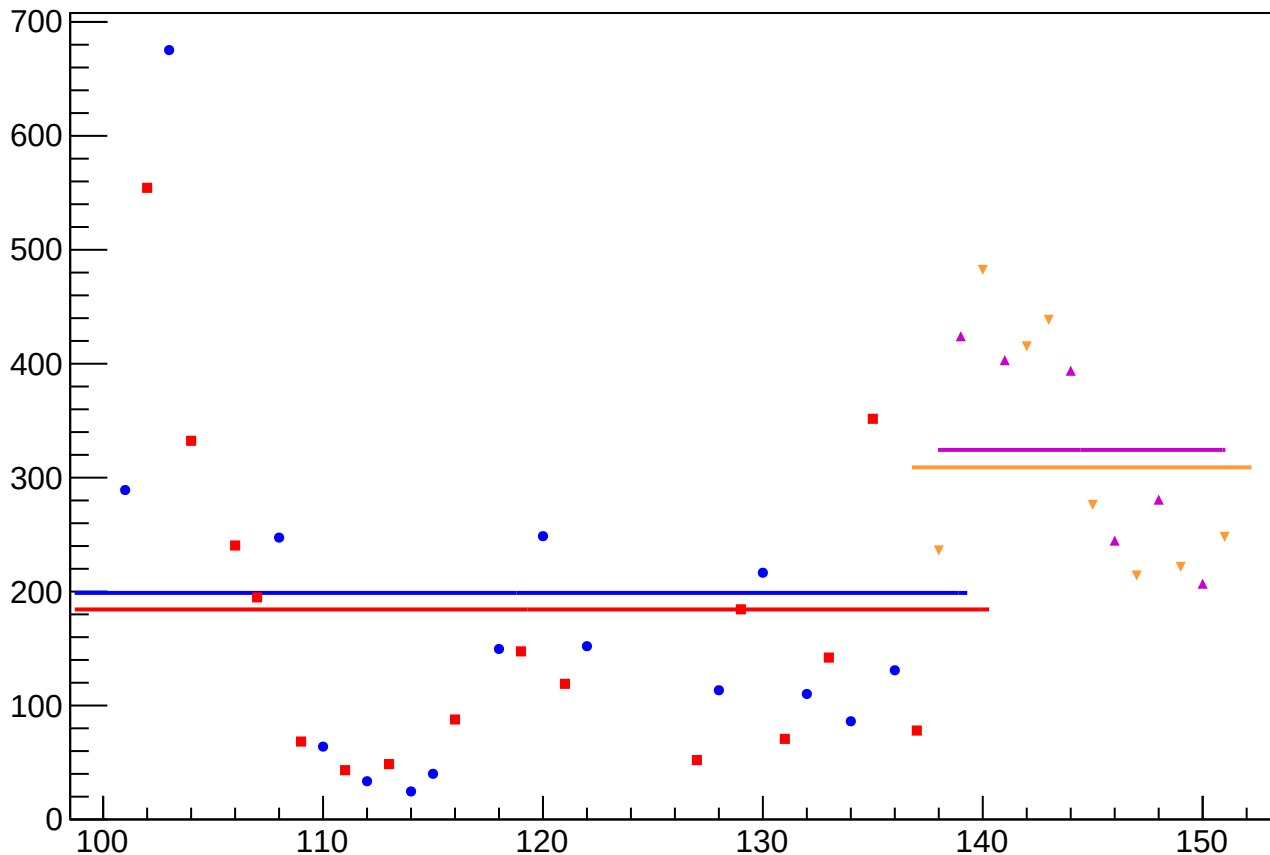
- sign 1097.871+/-0.000 χ^2/NDF : 82938702856285

dit_sam7_coil1_mean vs Slug



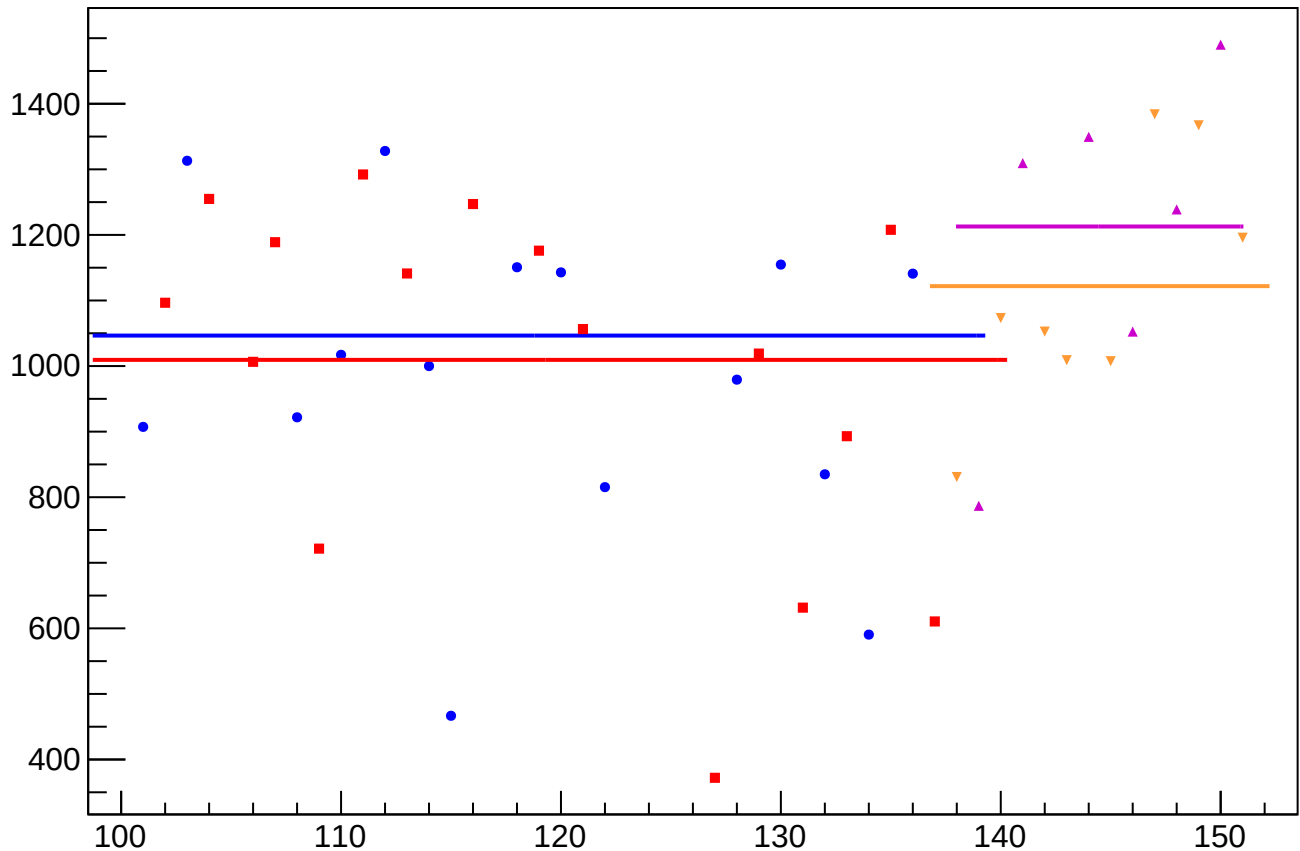
Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 18468.508+/-0.000 χ^2/NDF : 12216937536723111010267226592070808371200.0/7
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 19089.193+/-0.000 χ^2/NDF : 5304777191371017535581702375815415595008.0/5

dit_sam7_coil1_err_mean vs Slug



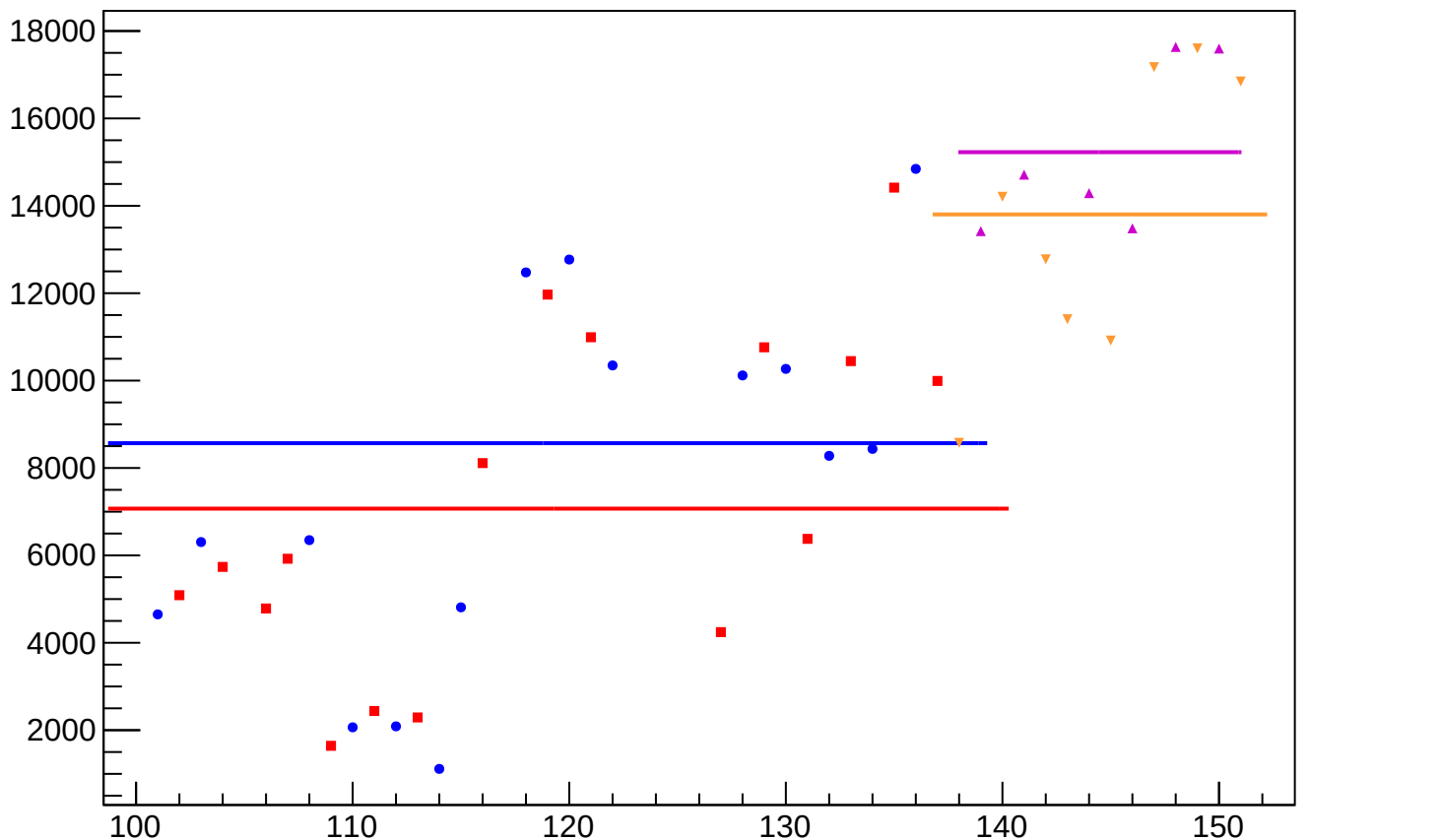
Right In: 198.850+/-0.000	χ^2/NDF : 18333995109503438037075916944440295424.0/14	+ sign 251.445+/-0.000	χ^2/NDF : 283338245564760
Left Out: 309.007+/-0.000	χ^2/NDF : 6239726851328848423192867258635386880.0/7	All: 248.408+/-0.000	χ^2/NDF : 526770843993
Right Out: 184.328+/-0.000	χ^2/NDF : 14927434931395588601024961538372403200.0/15	- sign 245.211+/-0.000	χ^2/NDF : 243197421124592
Left In: 324.370+/-0.000	χ^2/NDF : 3705385078890746286471640991334924288.0/5		

dit_sam7_coil1_Ndata_mean vs Slug



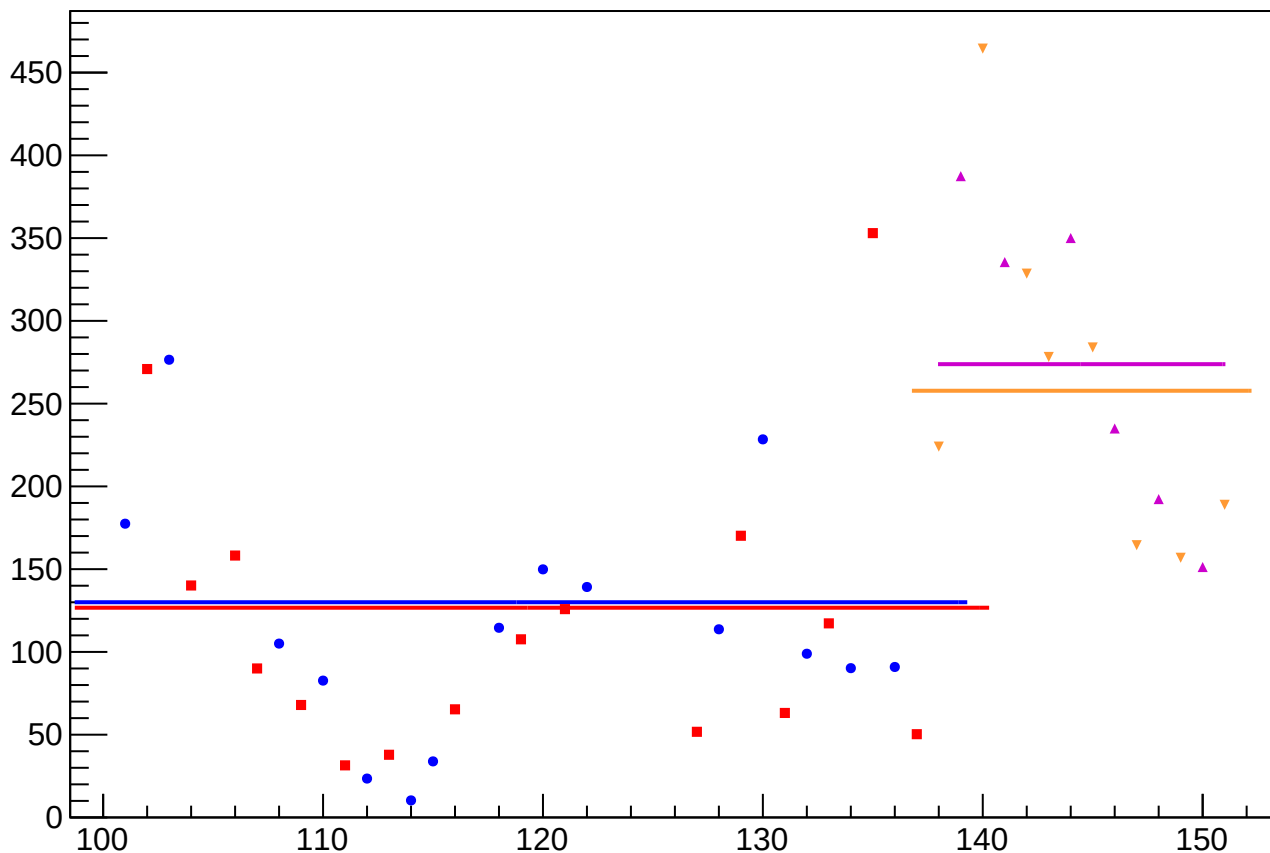
Right In: 1046.490 $\pm$ 0.000 χ^2 /NDF: 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879 $\pm$ 0.000 χ^2 /NDF: 19769512923344846183861395938592423936.0/7
 Right Out: 1009.445 $\pm$ 0.000 χ^2 /NDF: 44602783681728168935494176019868286976.0/15
 Left In: 1212.842 $\pm$ 0.000 χ^2 /NDF: 26339557717369113791465521027311730688.0/5

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 13802.742+/-0.000 χ^2/NDF : 6064950892321279780926837363427663413248.0/7
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15227.344+/-0.000 χ^2/NDF : 1615942262803480042971979835329638039552.0/5

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14

Left Out: 257.784+/-0.000 χ^2/NDF : 5805709066780707192238216396903809024.0/7

Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15

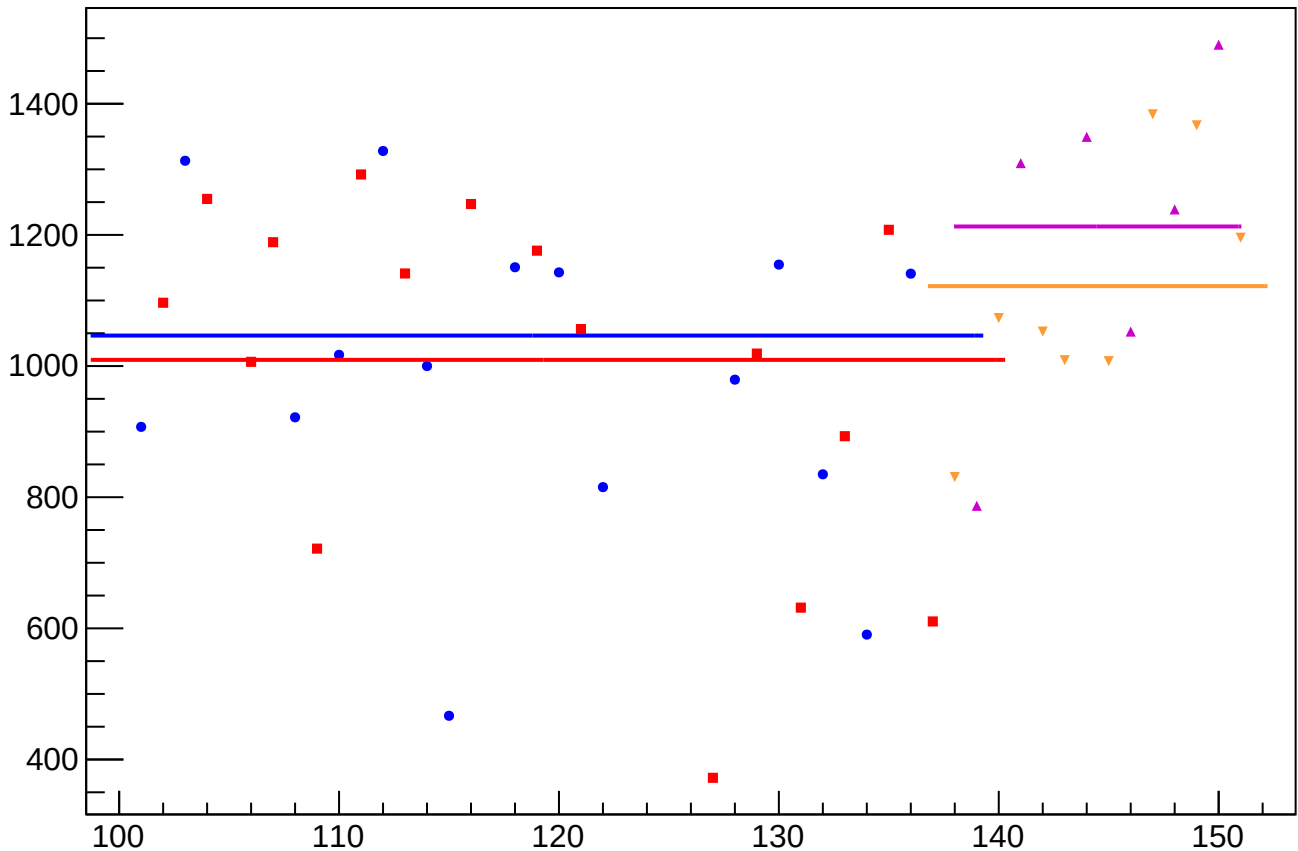
Left In: 273.845+/-0.000 χ^2/NDF : 3935225143689231738526034260257669120.0/5

+ sign 191.022+/-0.000 χ^2/NDF : 139791478109449

All: 190.853+/-0.000 χ^2/NDF : 295892614860

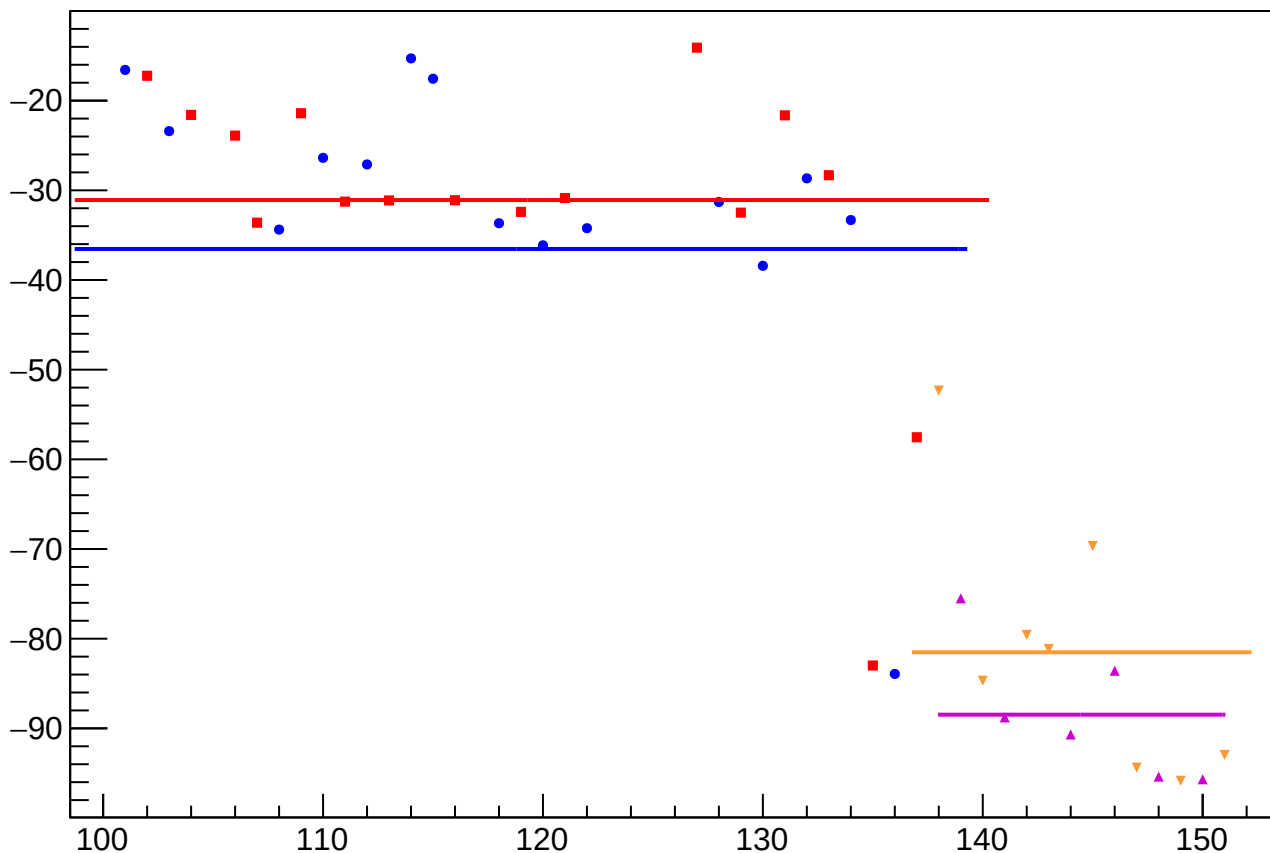
- sign 190.676+/-0.000 χ^2/NDF : 156100409658681

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1212.842+/-0.000 χ^2/NDF : 26339557717369113791465521027311730688.0/5

dit_4aX_coil3_mean vs Slug



Right In: -36.540 ± 0.000 $\chi^2/\text{NDF}: 254351867861444609202637633864335360.0/14$

Left Out: -81.514 ± 0.000 $\chi^2/\text{NDF}: 119075597374091341972327694281474048.0/7$

Right Out: -31.085 ± 0.000 $\chi^2/\text{NDF}: 181291079119381636178408498876383232.0/15$

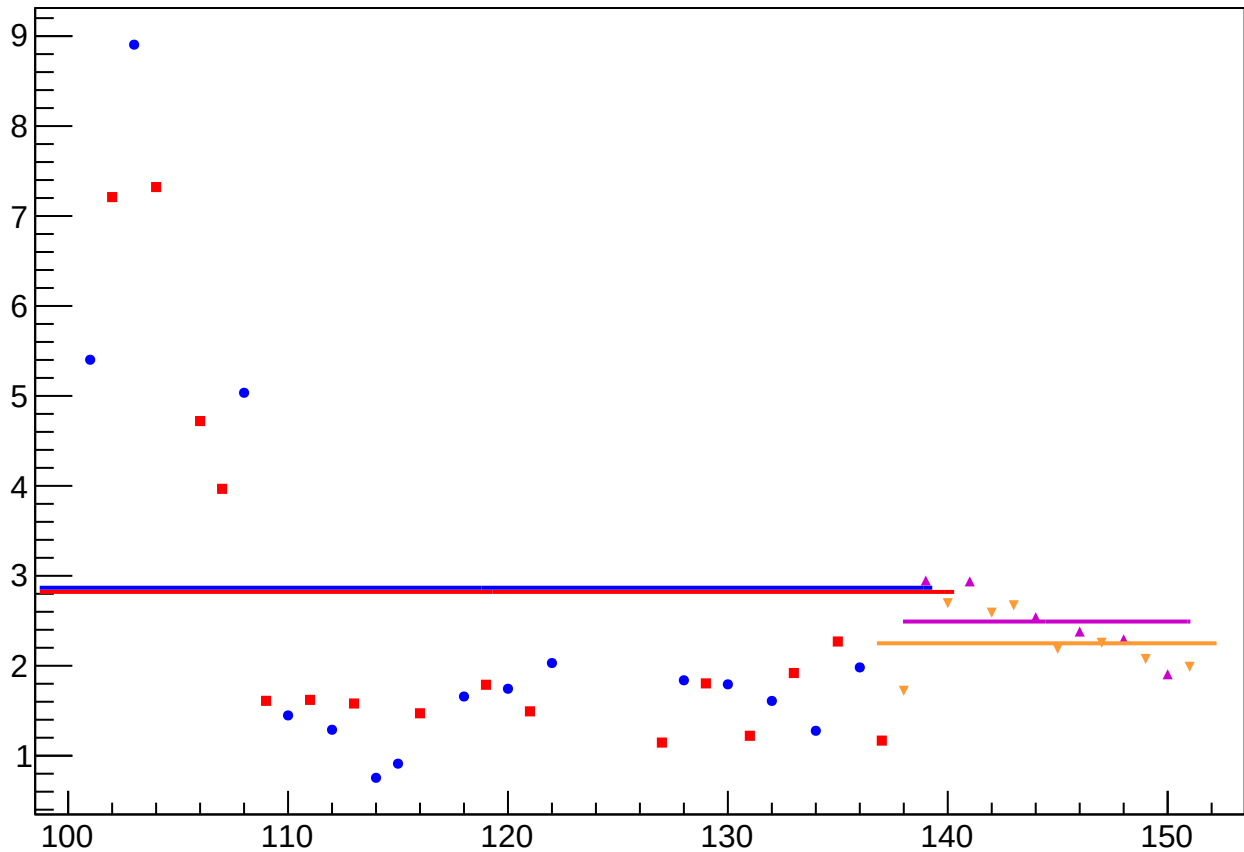
Left In: -88.473 ± 0.000 $\chi^2/\text{NDF}: 24793238731518679951918013920313344.0/5$

+ sign -58.013 ± 0.000 $\chi^2/\text{NDF}: 100019523445778$

All: -57.049 ± 0.000 $\chi^2/\text{NDF}: 21636555666$

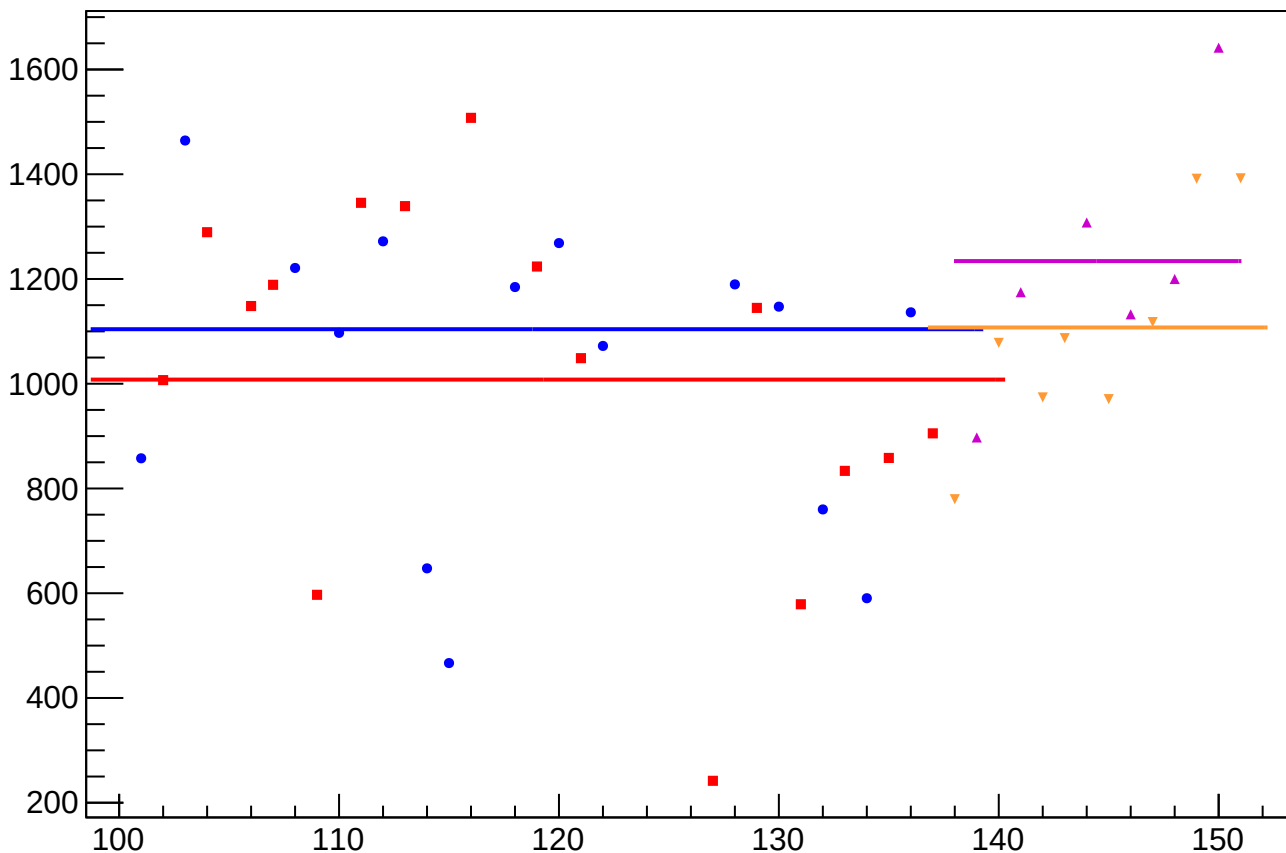
- sign -56.035 ± 0.000 $\chi^2/\text{NDF}: 1161091283201684$

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.250 $\pm$ 0.000 χ^2/NDF : 63439011864316999441915609874432.0/7
 Right Out: 2.821 $\pm$ 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.492 $\pm$ 0.000 χ^2/NDF : 69541068245589173043689106178048.0/5

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

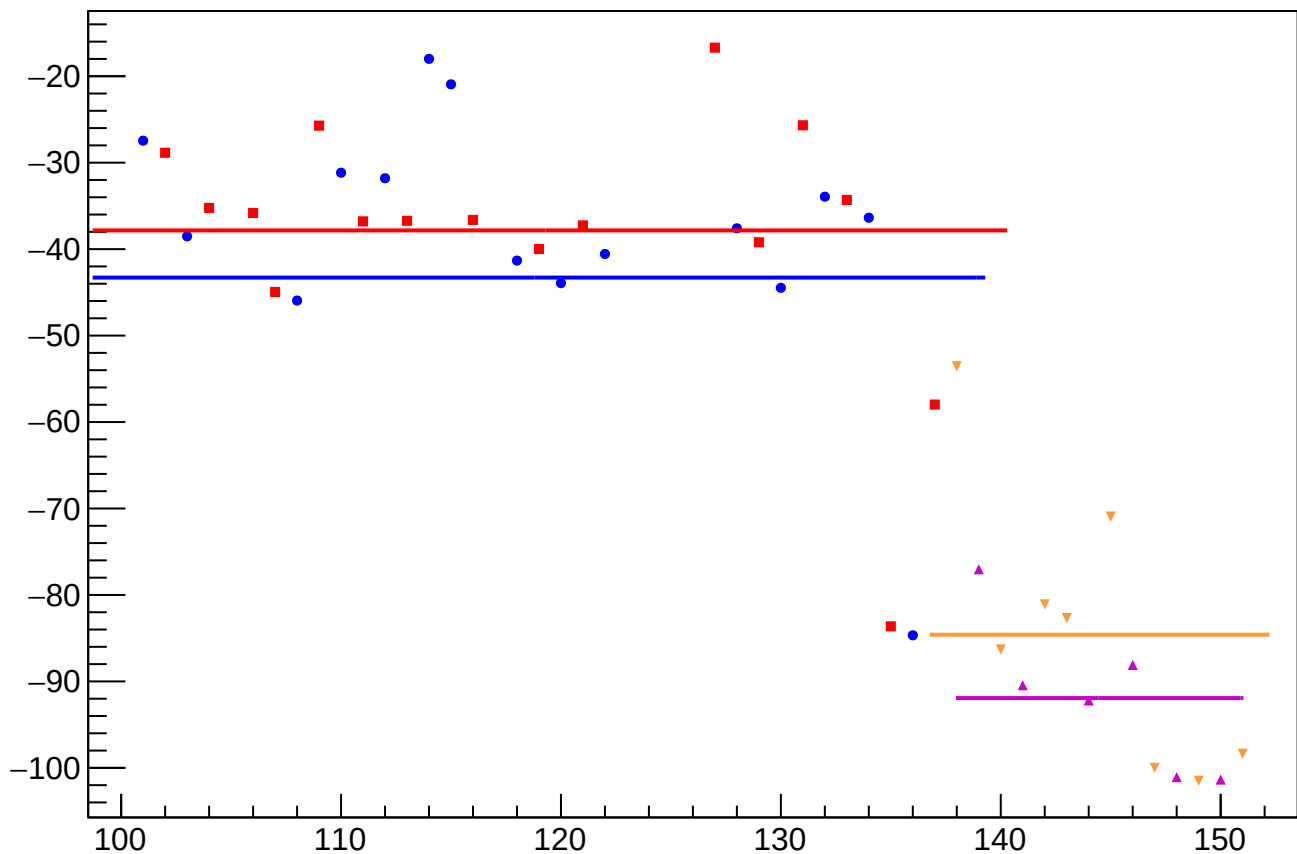
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

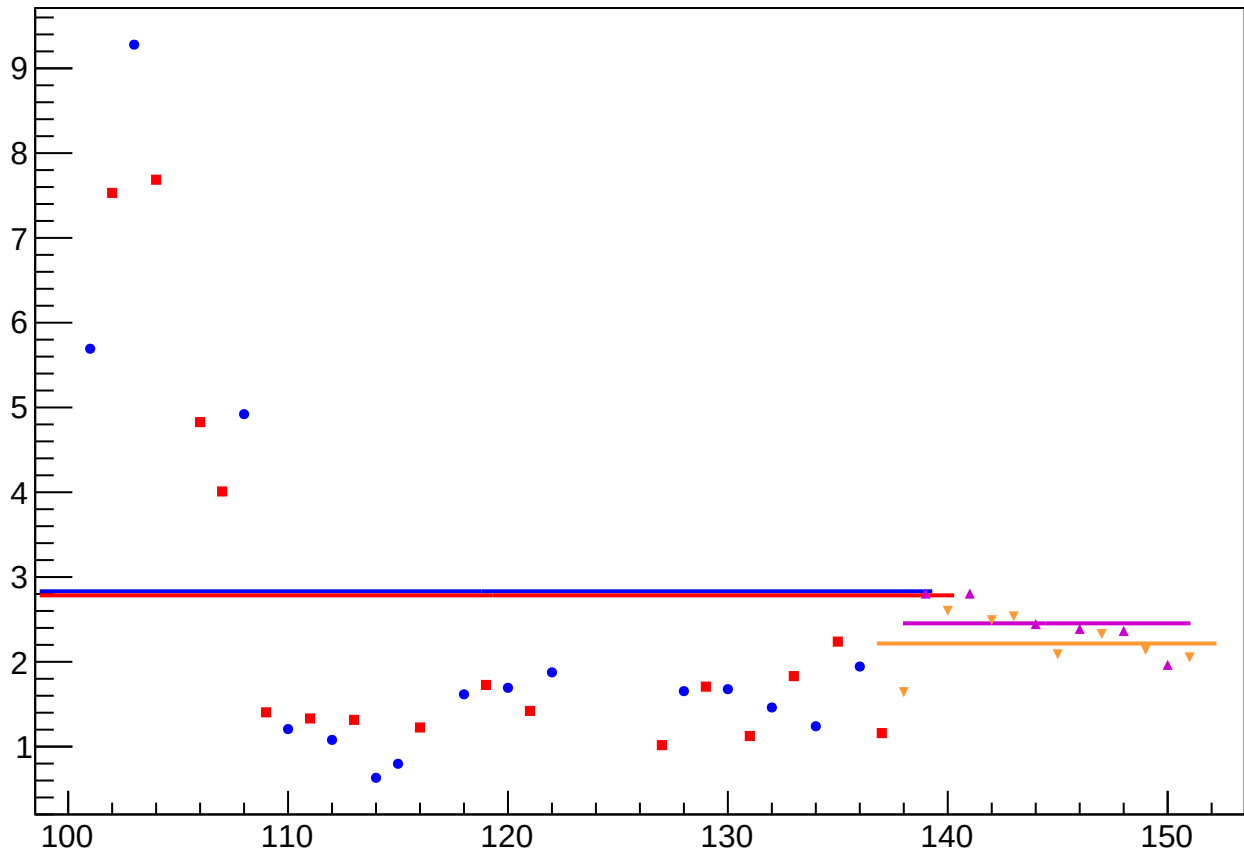
- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_4eX_coil3_mean vs Slug



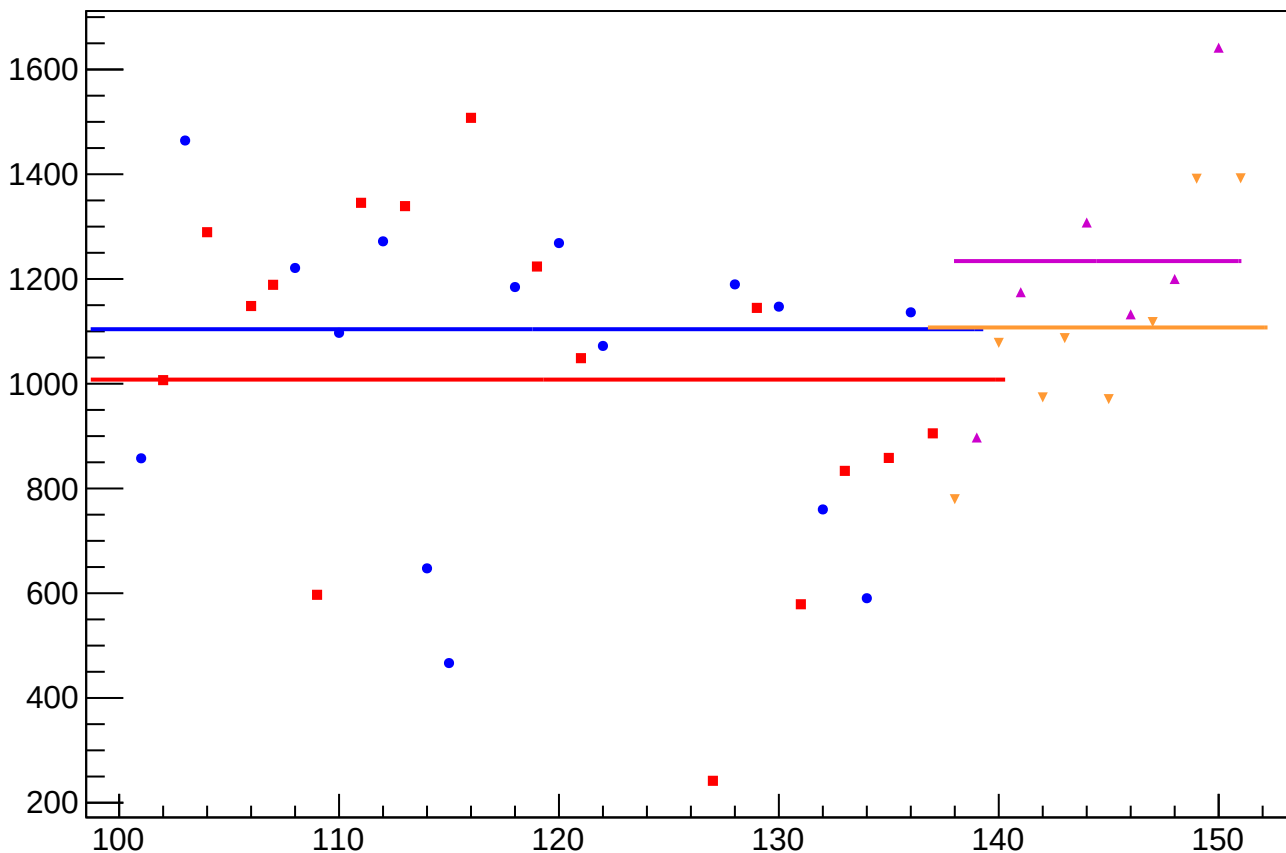
Right In: -43.289 $\pm$ 0.000 χ^2 /NDF: 199342736778845281087197523996573696.0/14
 Left Out: -84.598 $\pm$ 0.000 χ^2 /NDF: 148476036564622069309065445666455552.0/7
 Right Out: -37.832 $\pm$ 0.000 χ^2 /NDF: 148683933977204936634636843897323520.0/15
 Left In: -91.926 $\pm$ 0.000 χ^2 /NDF: 34507860381957624206317730597437440.0/5

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.216 $\pm$ 0.000 χ^2/NDF : 53031025358964333324321310113792.0/7
 Right Out: 2.784 $\pm$ 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.454 $\pm$ 0.000 χ^2/NDF : 43269660839190368406976807829504.0/5

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

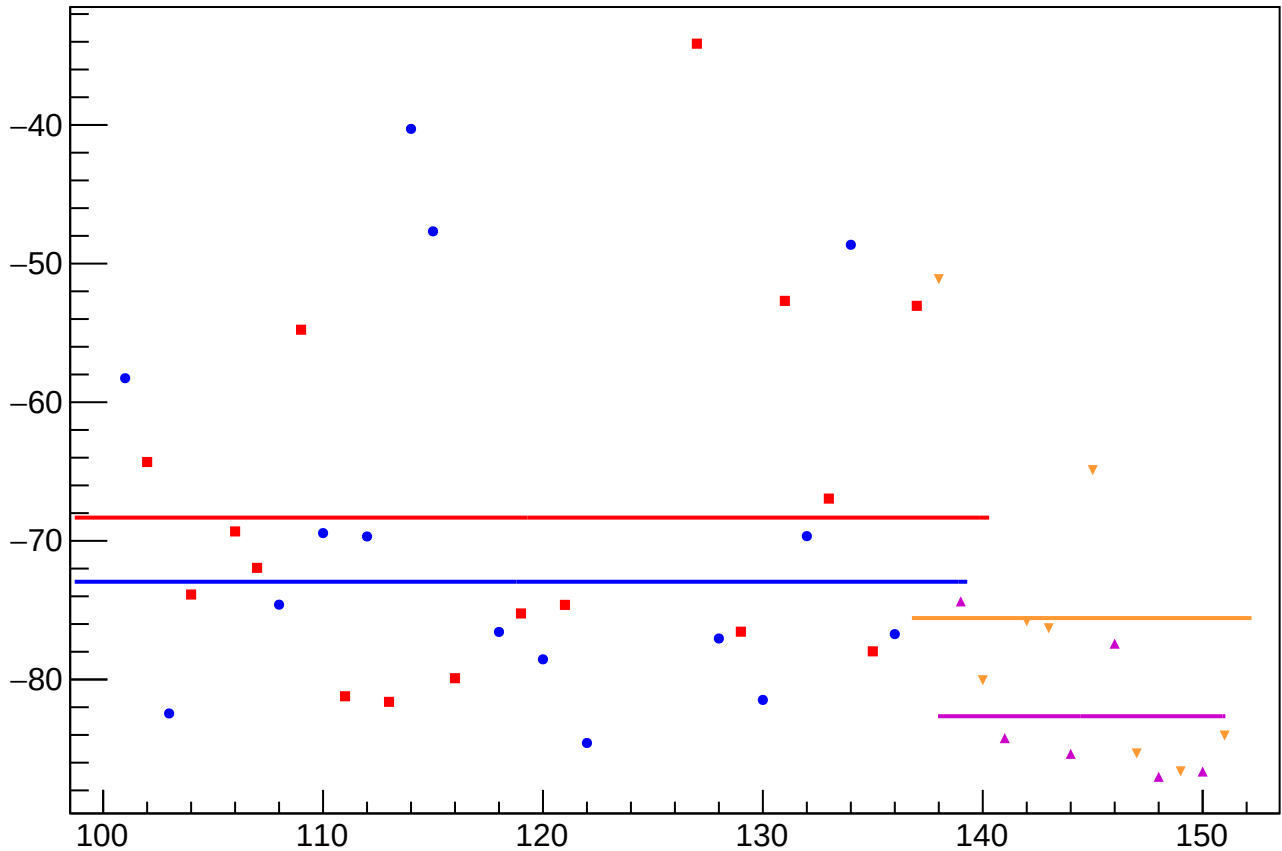
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_11X12X_coil3_mean vs Slug



Right In: -72.949 $\pm$ 0.000 χ^2 /NDF: 65755428464857980306879126291087360.0/14

+ sign -74.200 $\pm$ 0.000 χ^2 /NDF: 148623432611550

Left Out: -75.569 $\pm$ 0.000 χ^2 /NDF: 80740676308889578250423955026345984.0/7

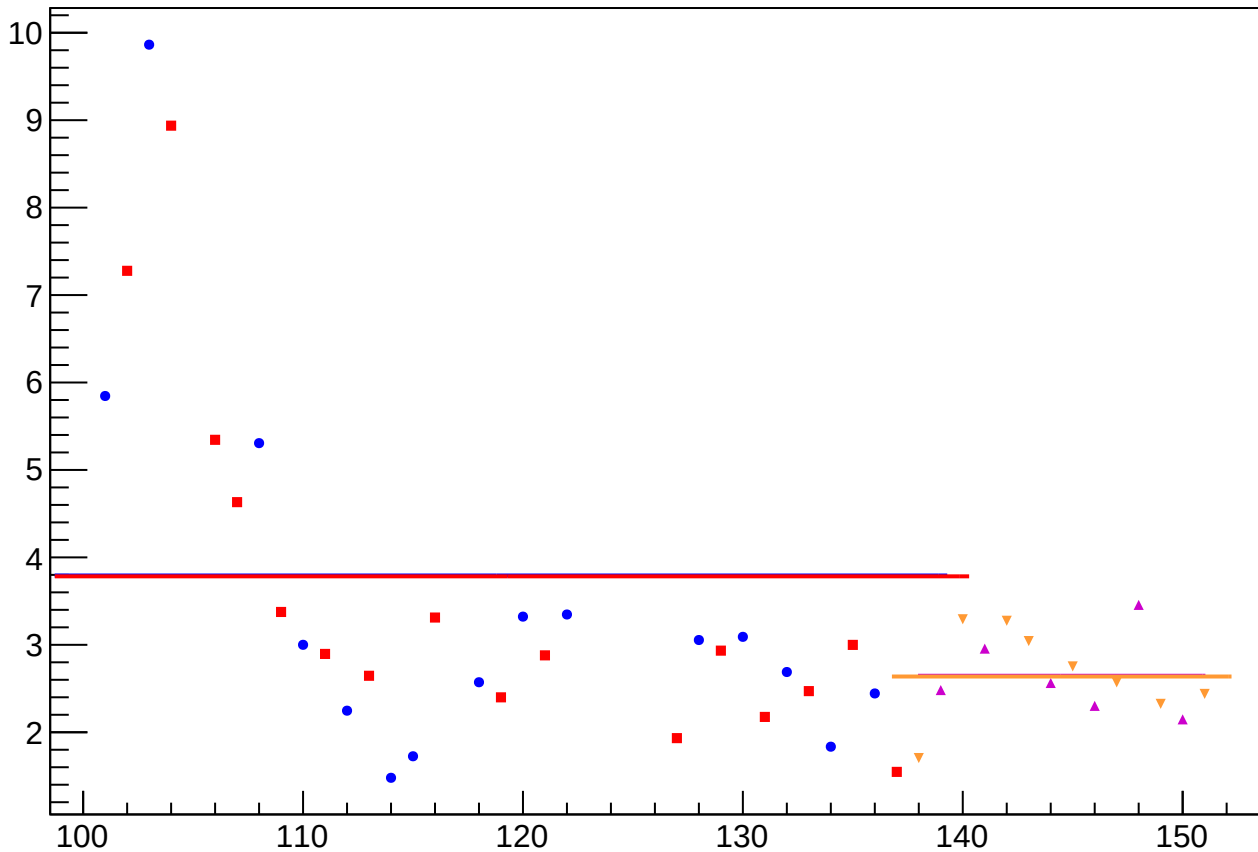
All: -74.372 $\pm$ 0.000 χ^2 /NDF: 326661492487

Right Out: -68.324 $\pm$ 0.000 χ^2 /NDF: 106694344898202364483367131372584960.0/15

- sign -74.552 $\pm$ 0.000 χ^2 /NDF: 1779630607790360

Left In: -82.650 $\pm$ 0.000 χ^2 /NDF: 11750721863918547317095049015066624.0/5

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

Left Out: 2.638+/-0.000 χ^2/NDF : 145352473933053608023531769036800.0/7

Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15

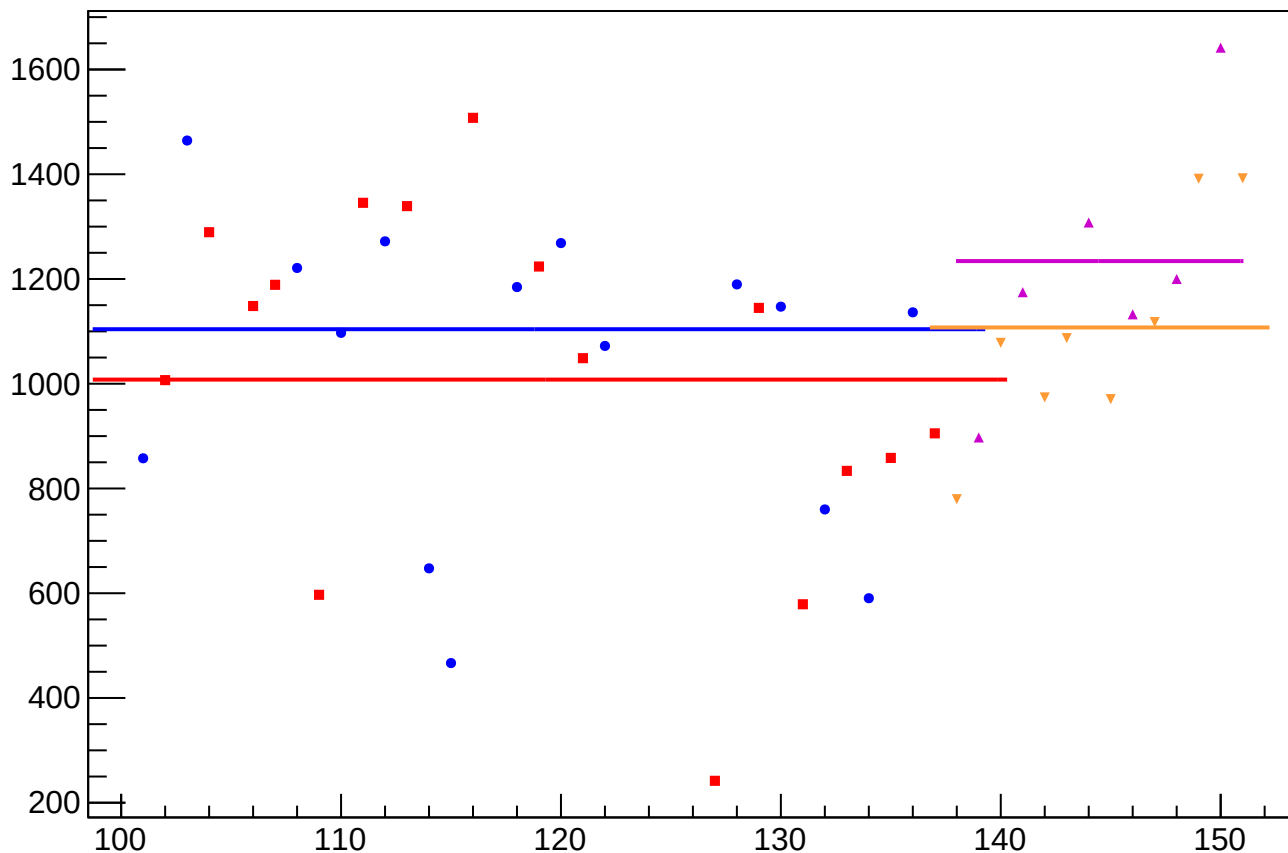
Left In: 2.646+/-0.000 χ^2/NDF : 98625623792032136988946621005824.0/5

+ sign 3.241+/-0.000 χ^2/NDF : 37643086514303414

All: 3.264+/-0.000 χ^2/NDF : 71177963474278

- sign 3.289+/-0.000 χ^2/NDF : 33521165463412114

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

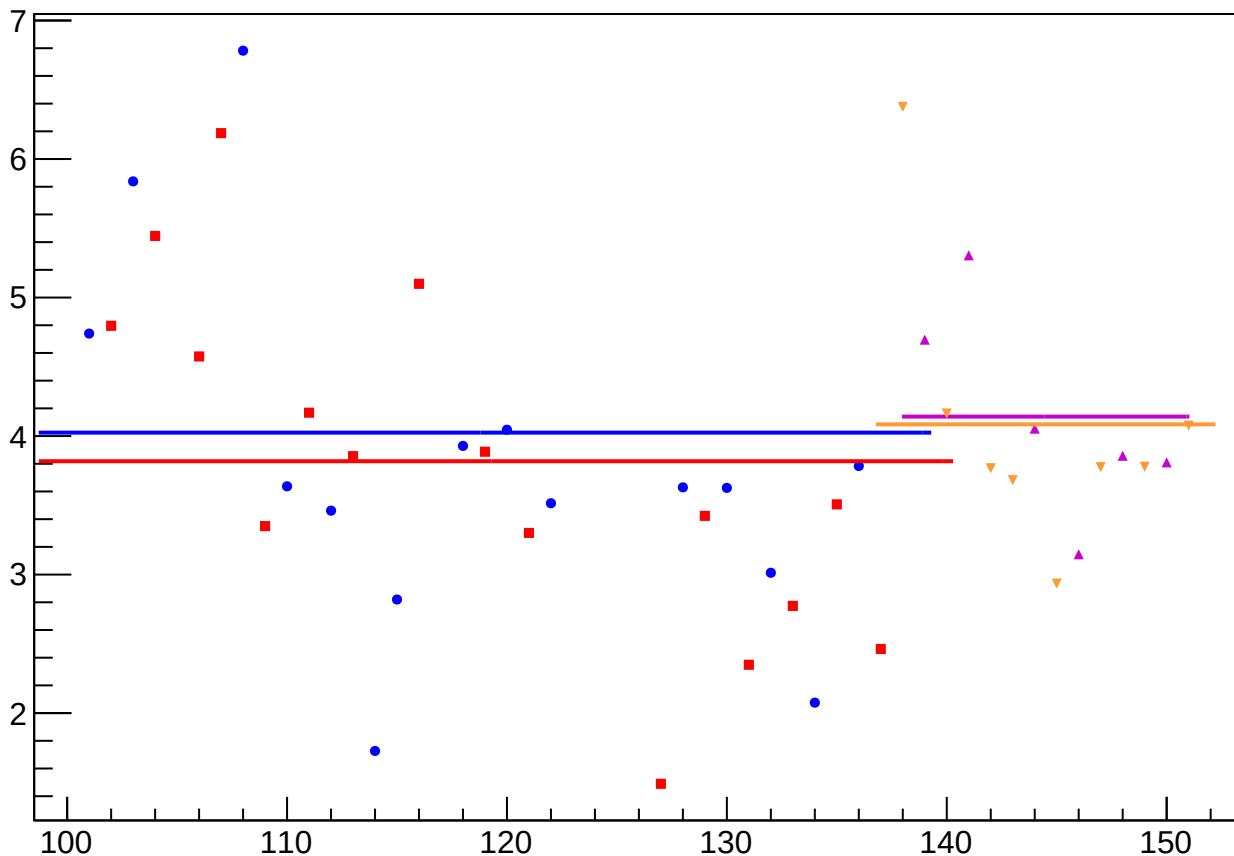
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_4aY_coil3_mean vs Slug



Right In: 4.025 ± 0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.084 ± 0.000 χ^2/NDF : 548149642295418173554420151746560.0/7

Right Out: 3.819 ± 0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

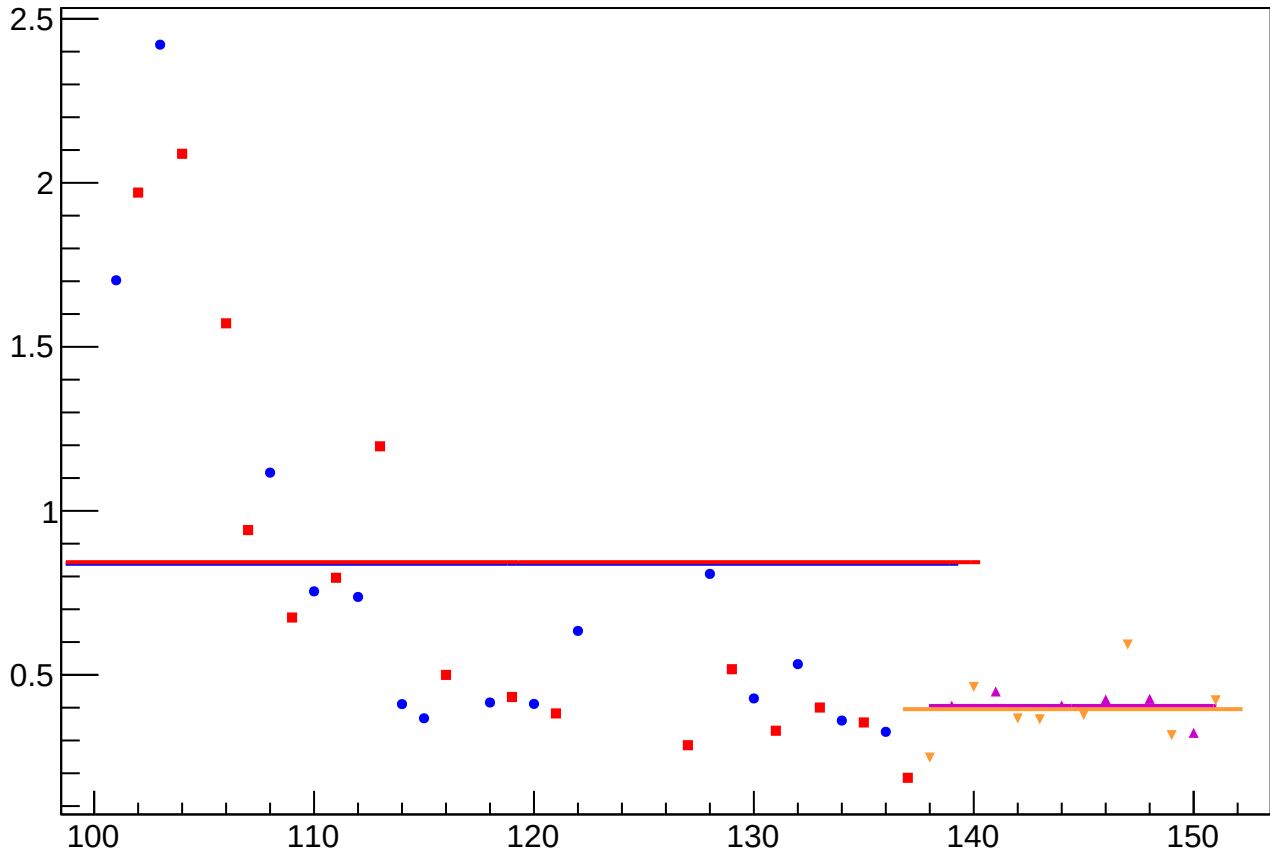
Left In: 4.141 ± 0.000 χ^2/NDF : 239455746396926275596621986136064.0/5

+ sign 4.053 ± 0.000 χ^2/NDF : 13182538318878968

All: 4.007 ± 0.000 χ^2/NDF : 24814471556656

- sign 3.958 ± 0.000 χ^2/NDF : 11577557553403214

dit_4aY_coil3_err_mean vs Slug



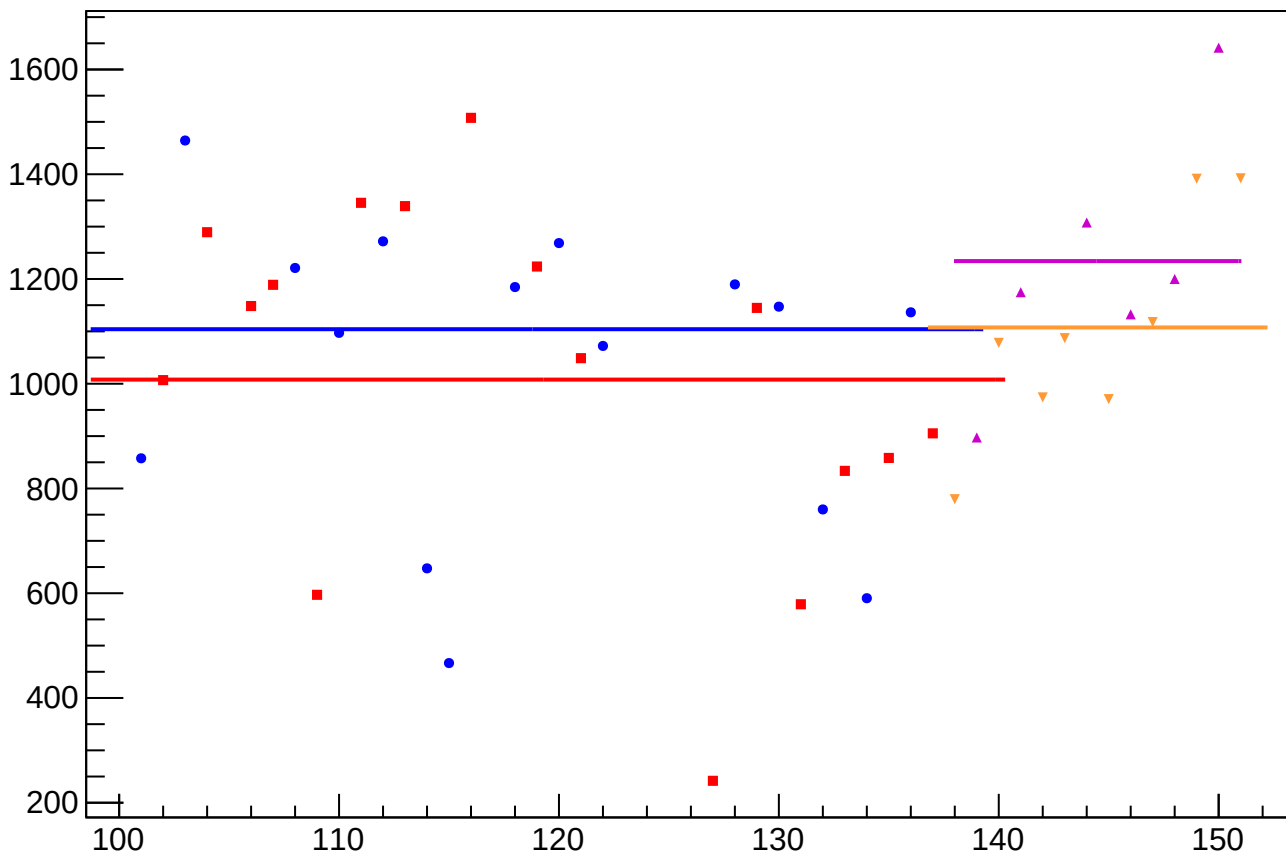
Right In: 0.839+/-0.000 χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.396+/-0.000 χ^2/NDF : 5814960192303215199290071711744.0/7

Right Out: 0.844+/-0.000 χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: 0.405+/-0.000 χ^2/NDF : 850925321571762048782129168384.0/5

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

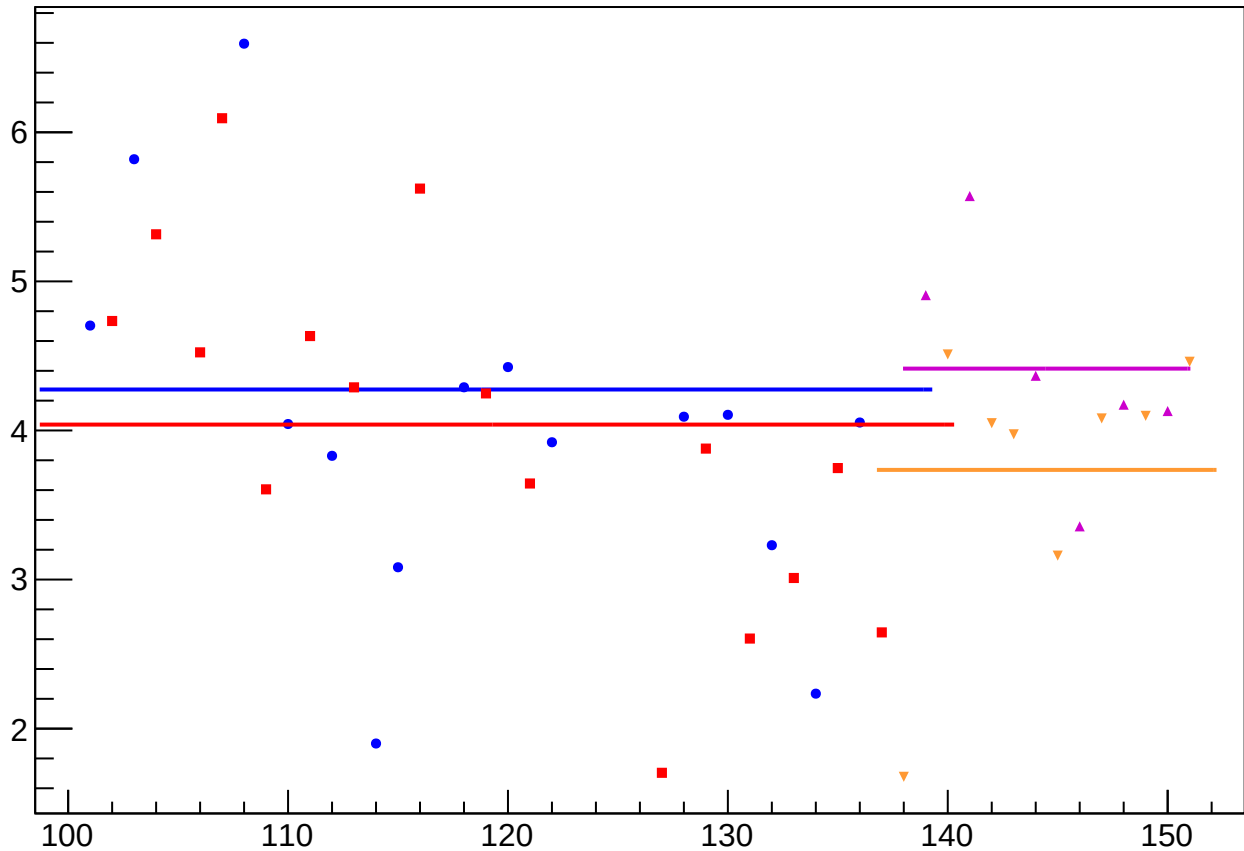
Left Out: 1107.442 $\pm$ 0.000 χ^2 /NDF: 23852091216105256312132421151050694656.0/7

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

Left In: 1234.187 $\pm$ 0.000 χ^2 /NDF: 26036000559979450515534894813142843392.0/5

All: 1105.983 $\pm$ 0.000 χ^2 /NDF: 16655516737.0/30

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 3.736+/-0.000 χ^2/NDF : 475692269525624777960914151276544.0/7

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

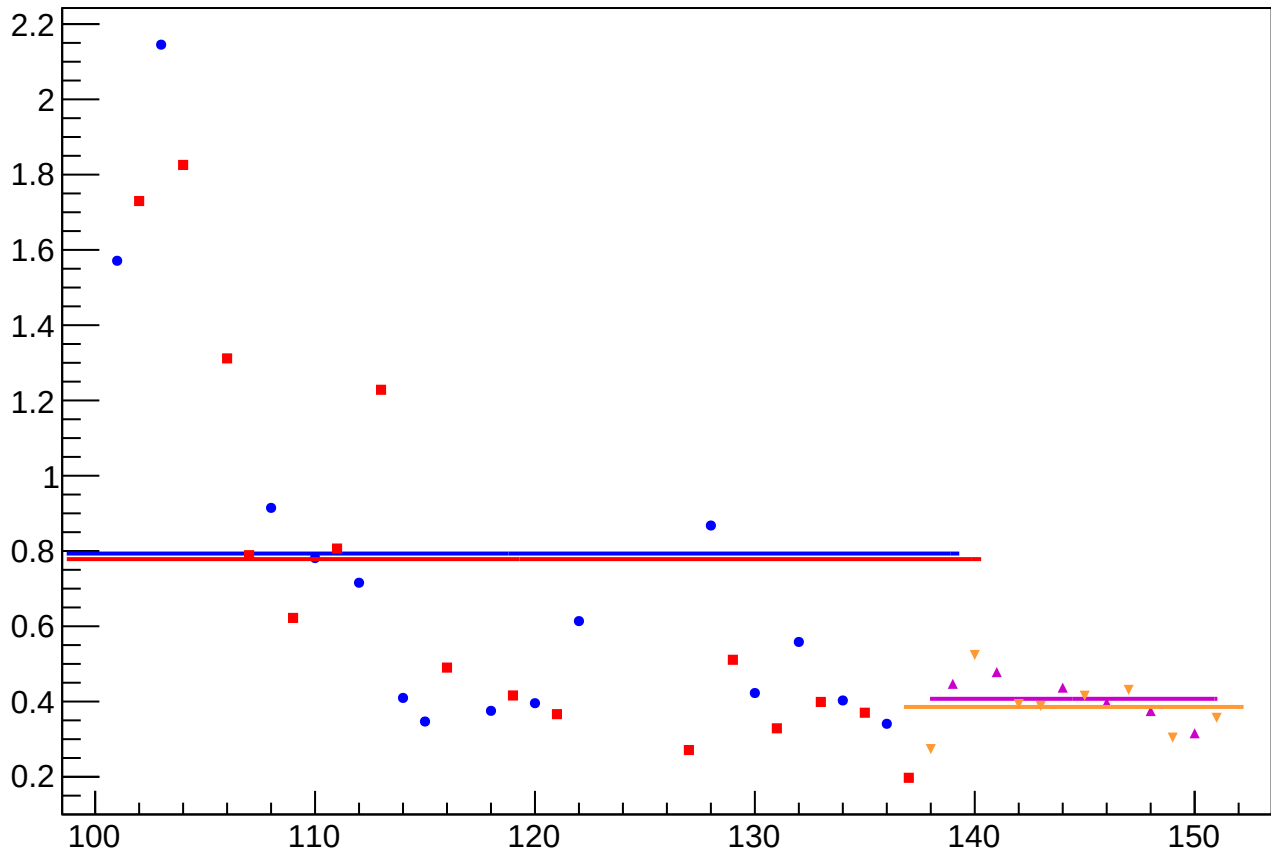
Left In: 4.415+/-0.000 χ^2/NDF : 238936518922170571423629780713472.0/5

+ sign 4.017+/-0.000 χ^2/NDF : 11629889302497478

All: 4.108+/-0.000 χ^2/NDF : 22359567246449

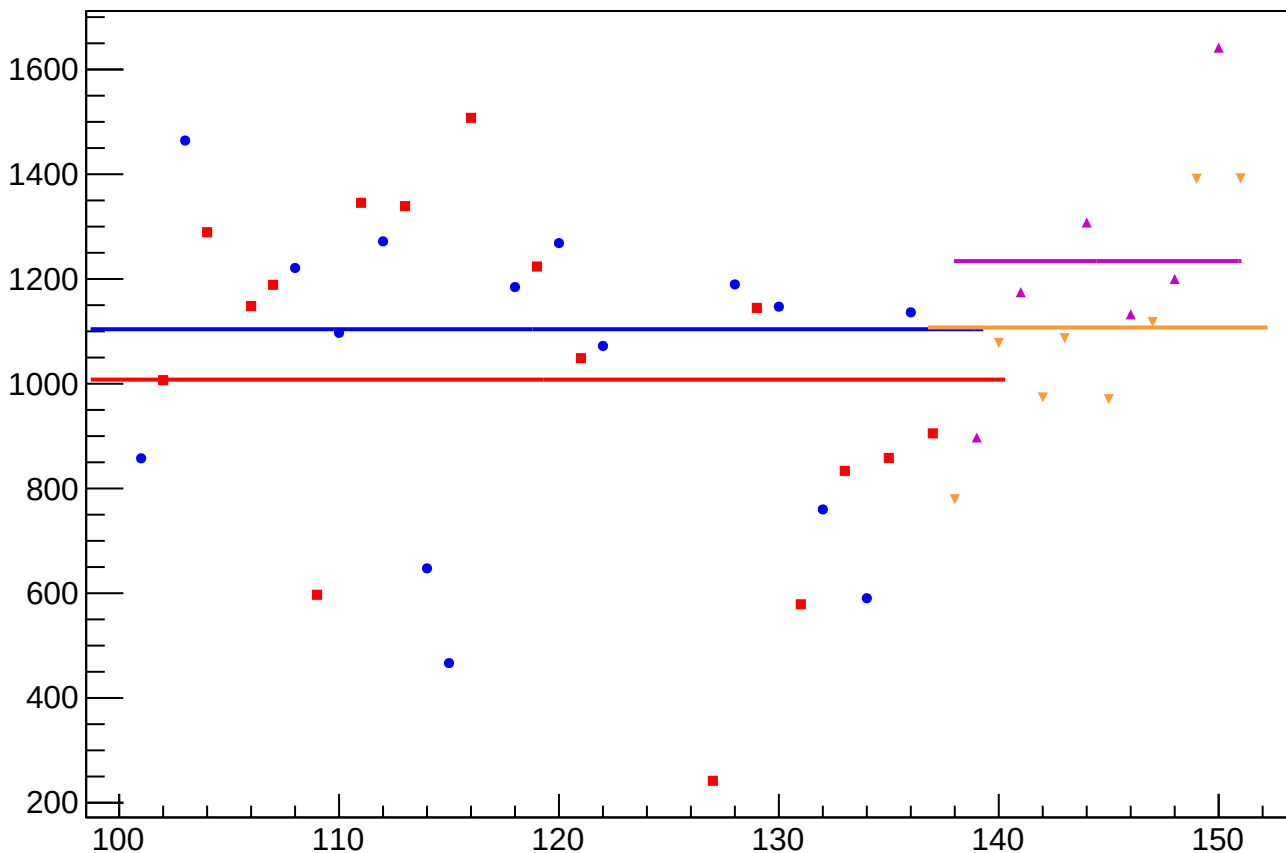
- sign 4.203+/-0.000 χ^2/NDF : 10521763407835994

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 ± 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.386 ± 0.000 χ^2/NDF : 3399740022382536325663134056448.0/7
 Right Out: 0.778 ± 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.407 ± 0.000 χ^2/NDF : 1495982244738381031669340569600.0/5

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

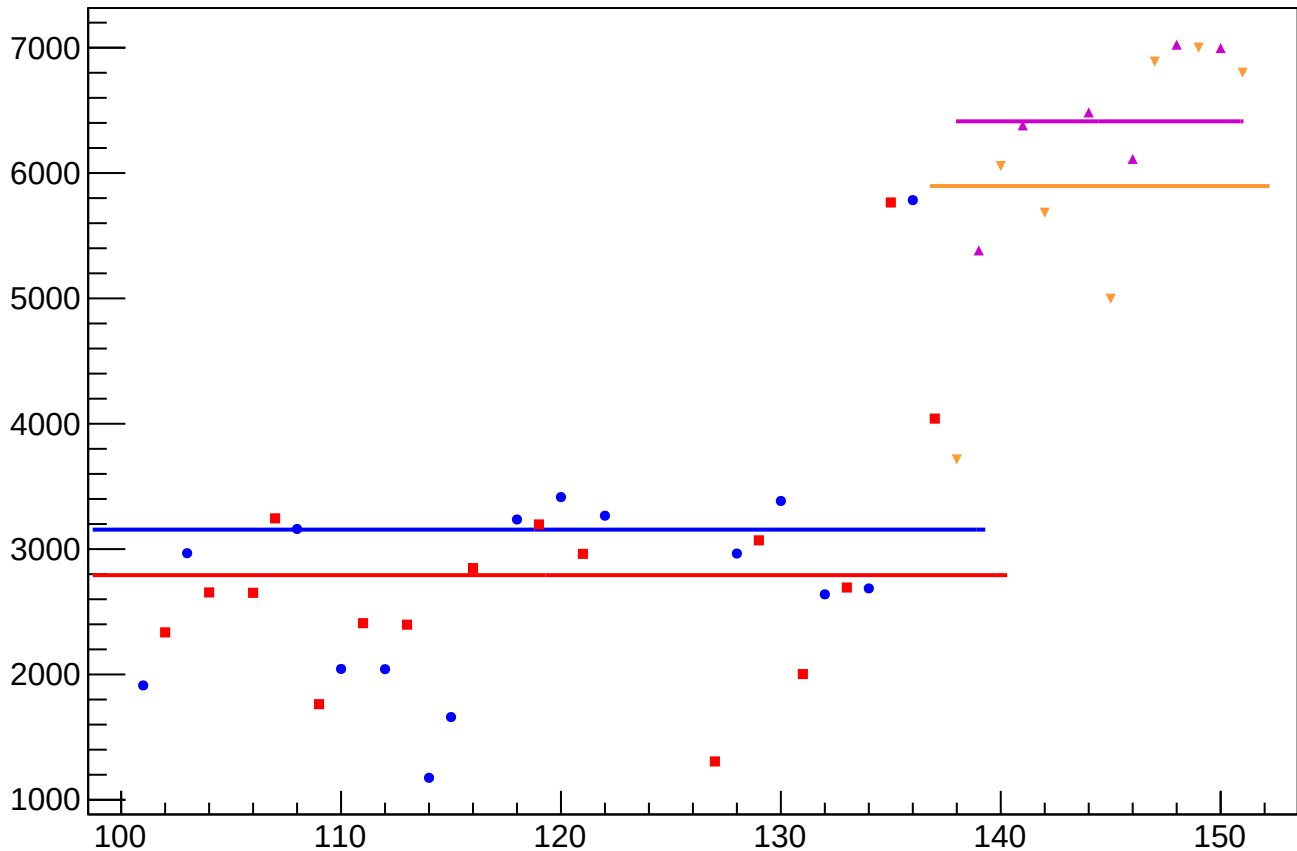
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

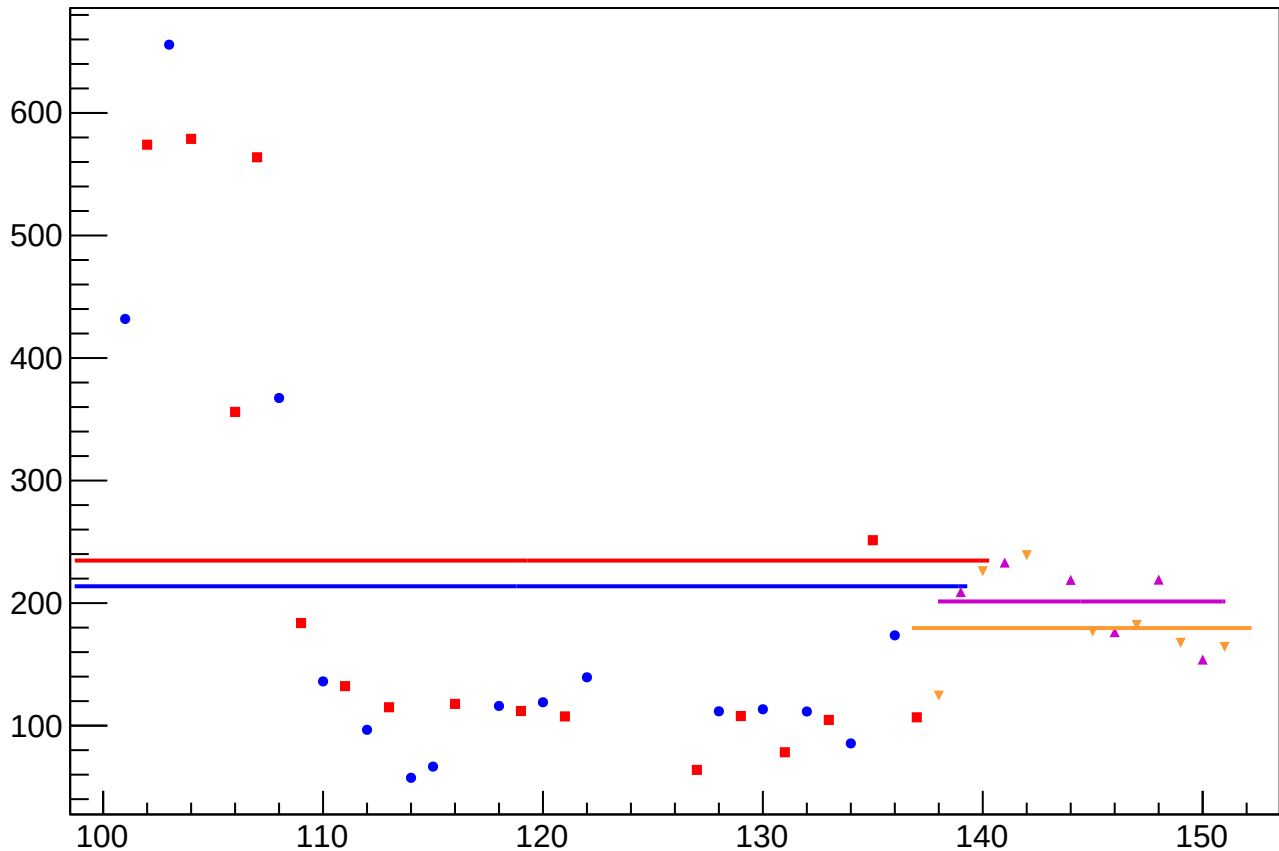
- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_usl_coil3_mean vs Slug



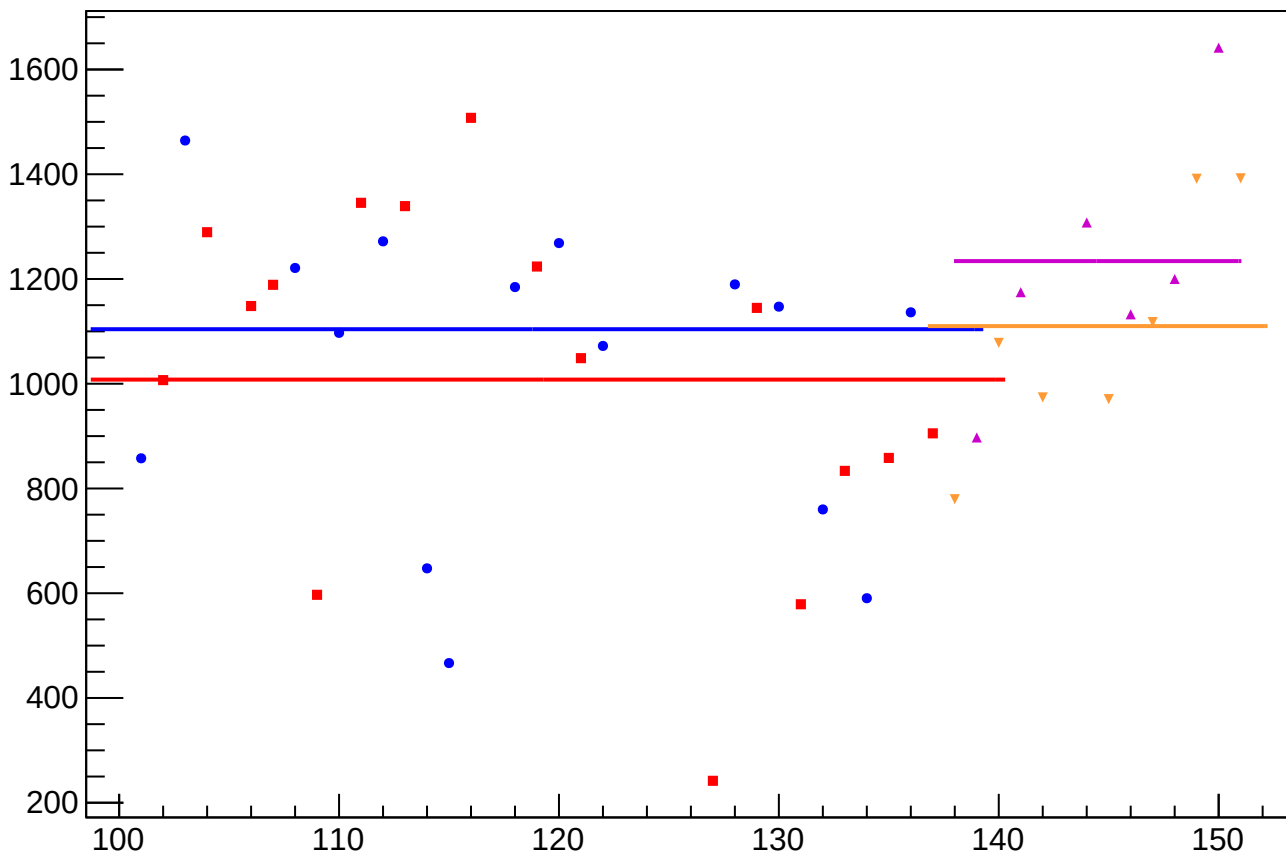
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5896.569+/-0.000 χ^2/NDF : 682974207476806603443406836395929501696.0/6
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6412.520+/-0.000 χ^2/NDF : 156430240933372780232719708281855016960.0/5

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 179.638+/-0.000 χ^2/NDF : 607028240673598925039992001192263680.0/6
 Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: 201.344+/-0.000 χ^2/NDF : 401280558301015052443439507557056512.0/5

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1110.038+/-0.000 χ^2/NDF : 23820711974009961230186264596095959040.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

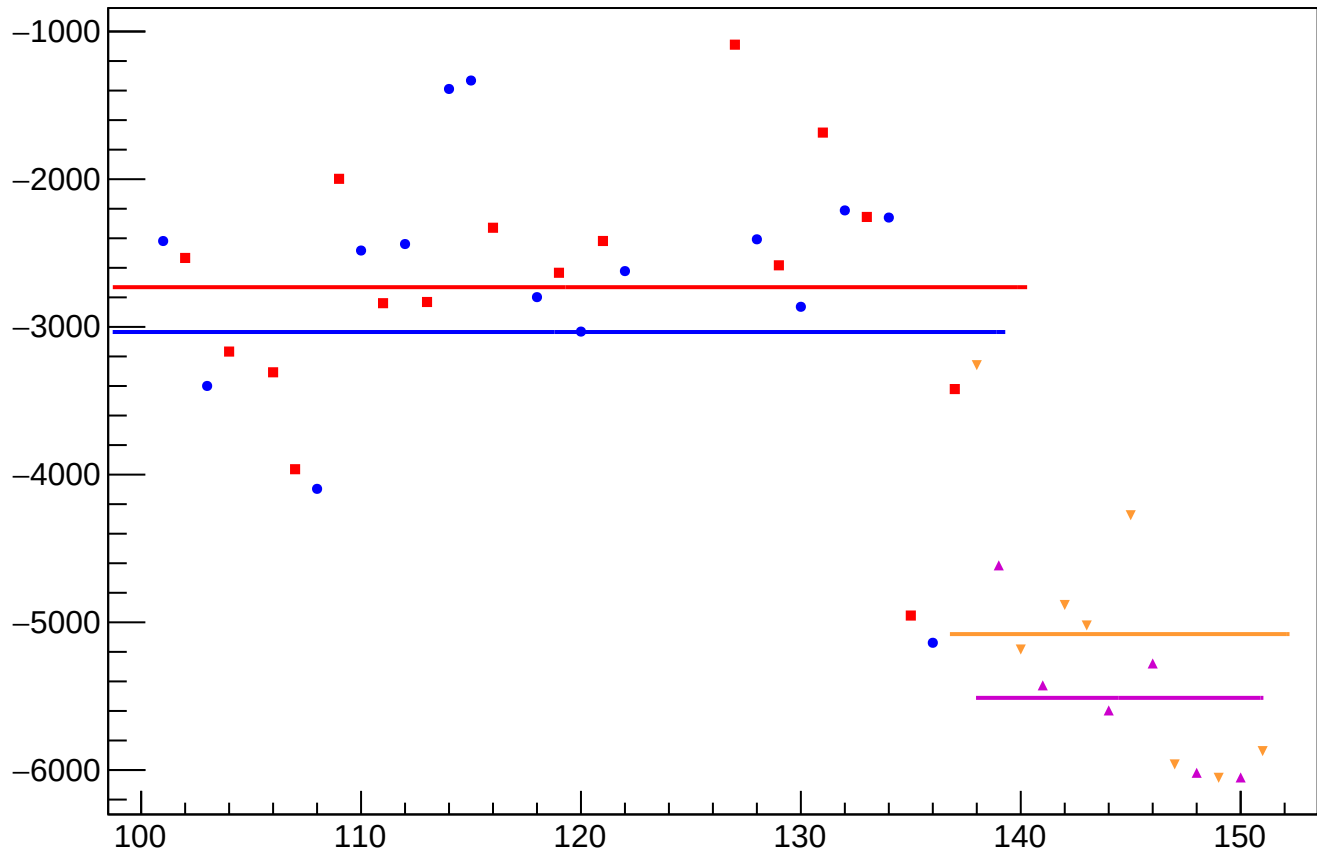
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1106.764+/-0.000 χ^2/NDF : 56568760012450

All: 1106.522+/-0.000 χ^2/NDF : 16653049142

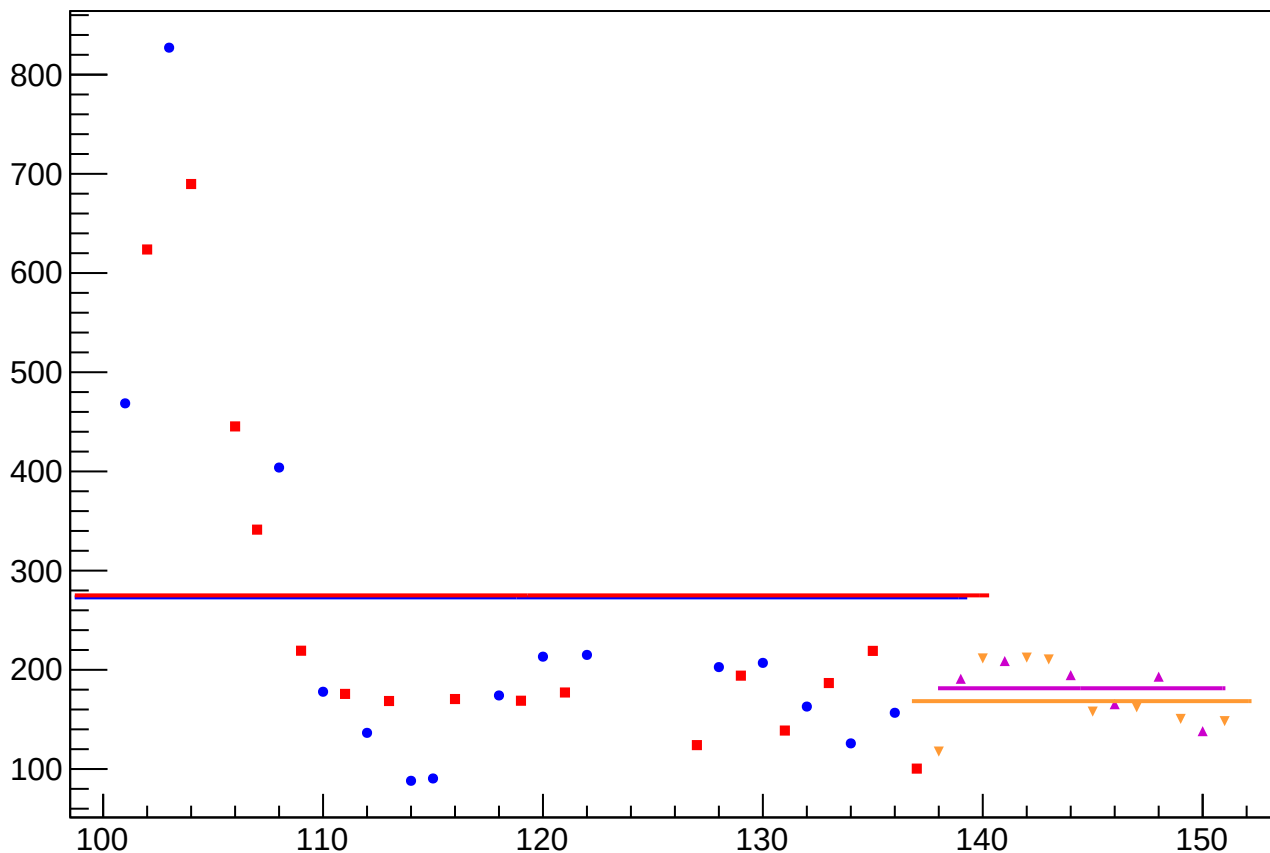
- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5079.604+/-0.000 χ^2/NDF : 502433588296527322846721746349557022720.0/7
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5511.360+/-0.000 χ^2/NDF : 118953787050570305170878956441706692608.0/5

dit_usr_coil3_err_mean vs Slug



Right In: 273.039 $\pm$ 0.000 χ^2 /NDF: 26485935053341175092913795212184125440.0/14

Left Out: 168.428 $\pm$ 0.000 χ^2 /NDF: 630852861593816082569065692829581312.0/7

Right Out: 275.044 $\pm$ 0.000 χ^2 /NDF: 22264760088752901792561892991657050112.0/15

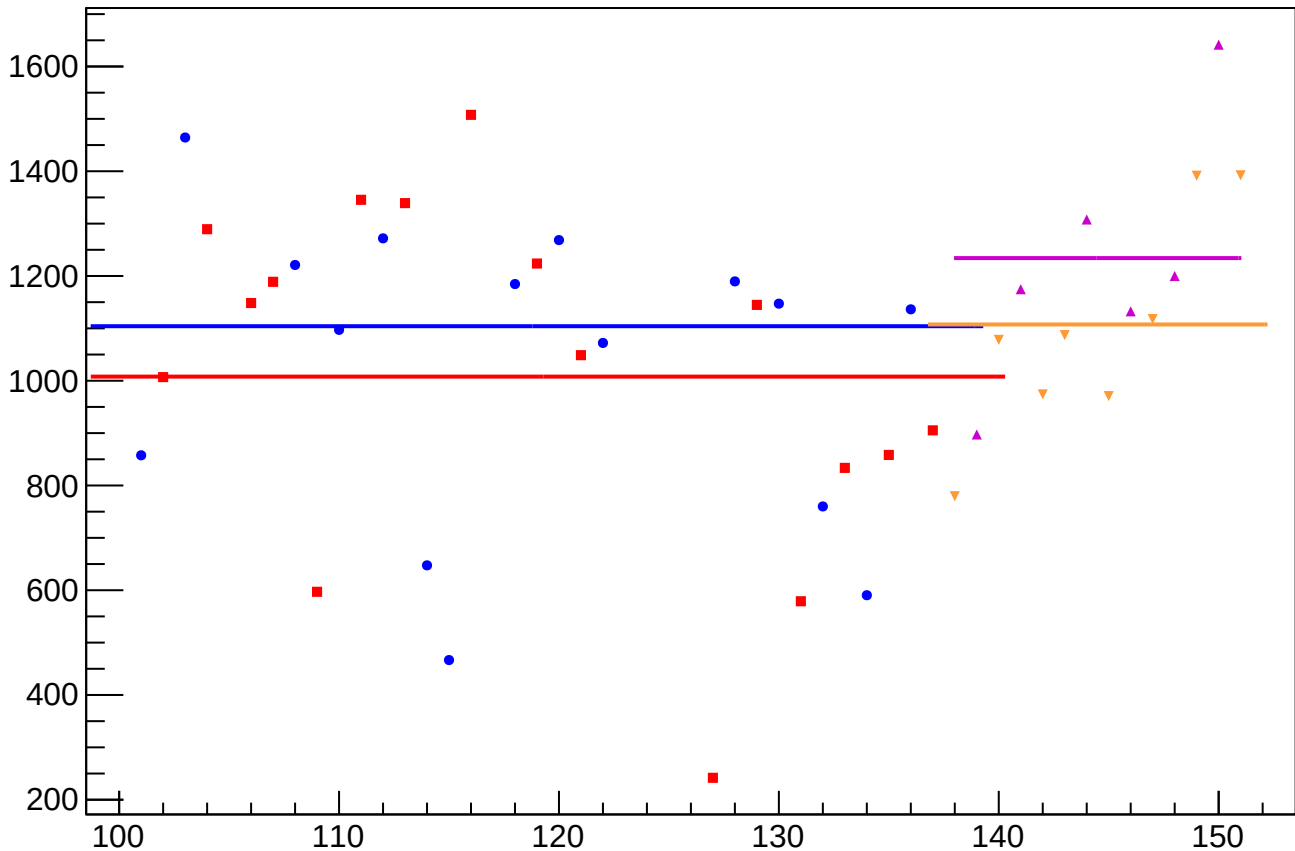
Left In: 181.416 $\pm$ 0.000 χ^2 /NDF: 290110971555783967711380738710437888.0/5

+ sign 223.092 $\pm$ 0.000 χ^2 /NDF: 305077949609972

All: 228.572 $\pm$ 0.000 χ^2 /NDF: 556811591996

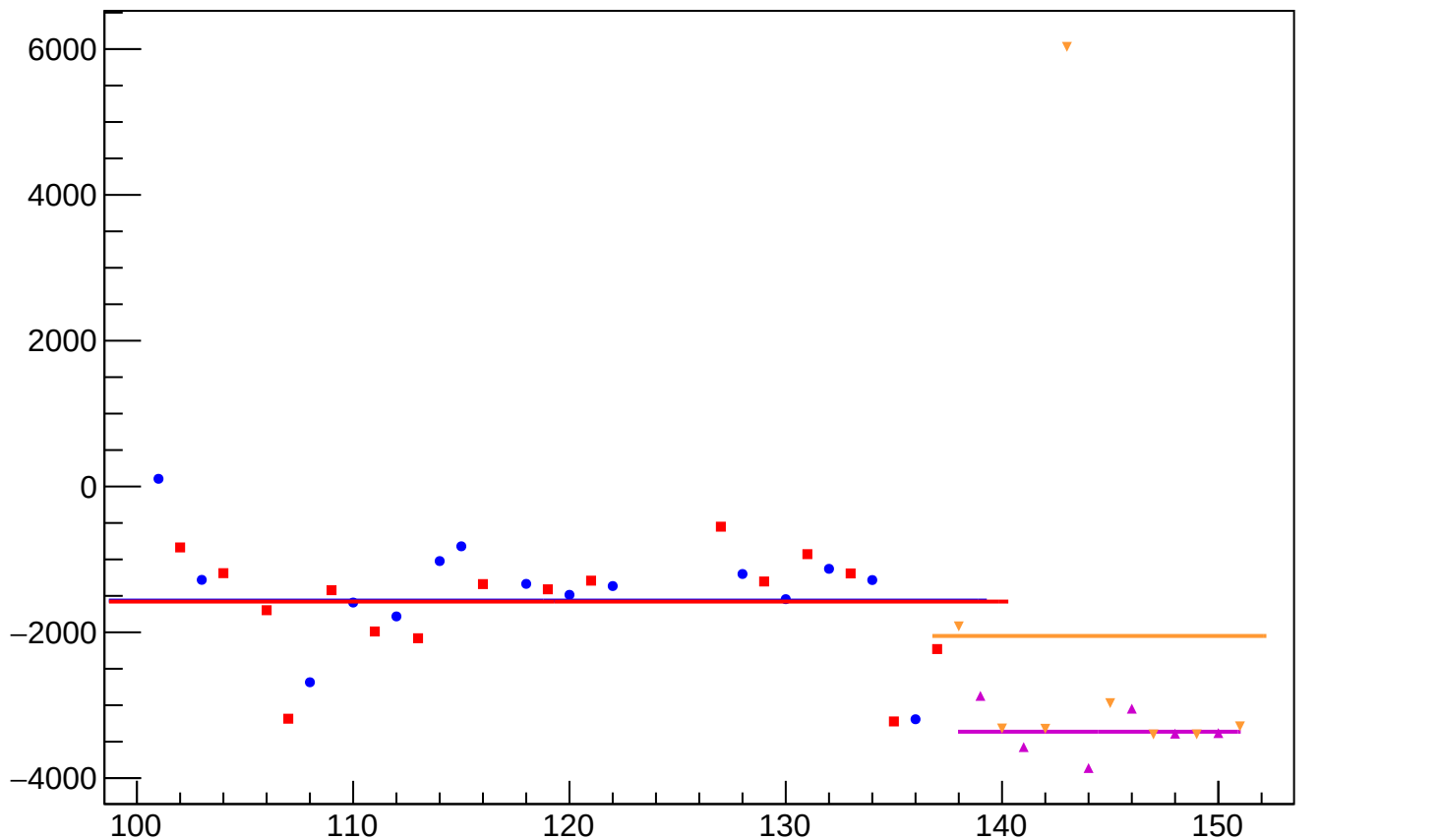
- sign 234.340 $\pm$ 0.000 χ^2 /NDF: 250968096209654

dit_usr_coil3_Ndata_mean vs Slug



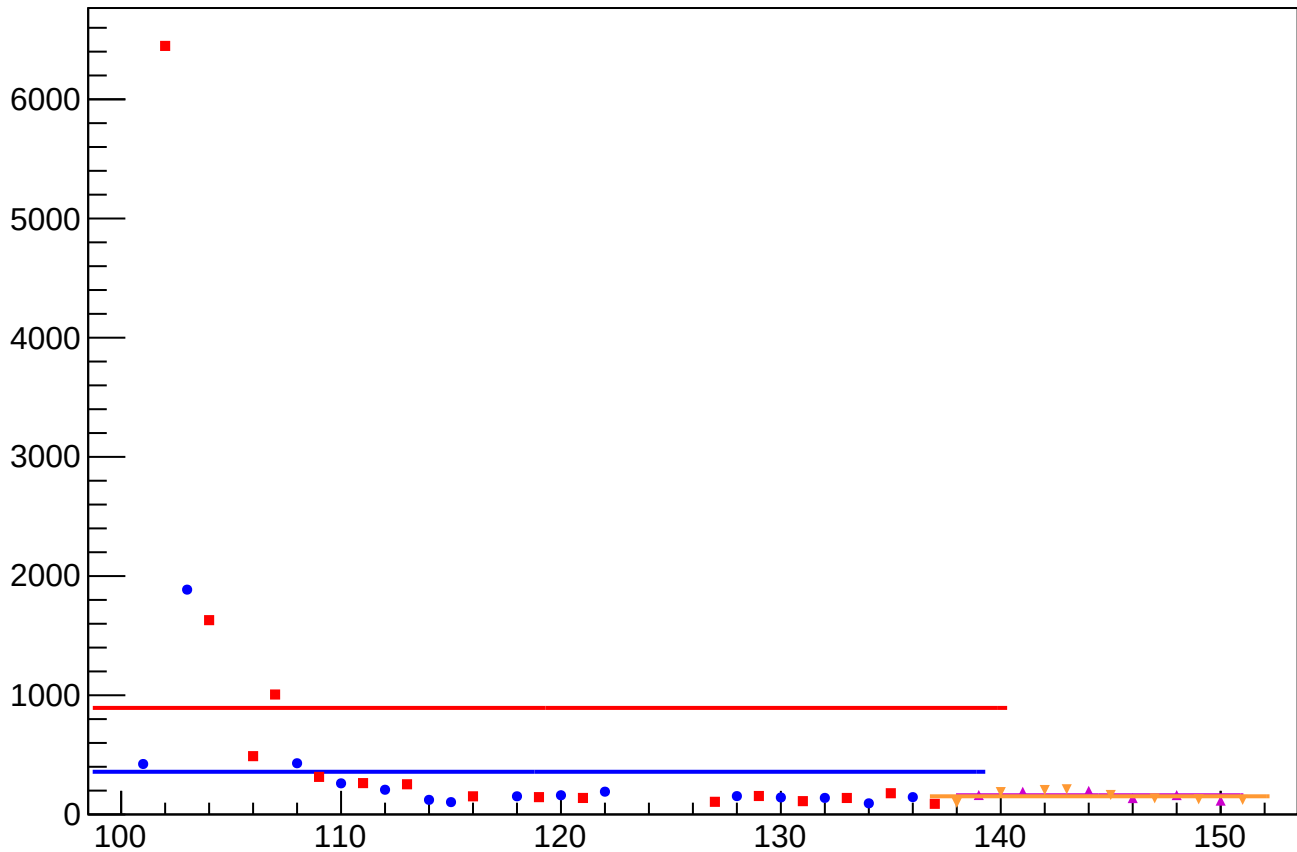
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

dit_atl1_coil3_mean vs Slug



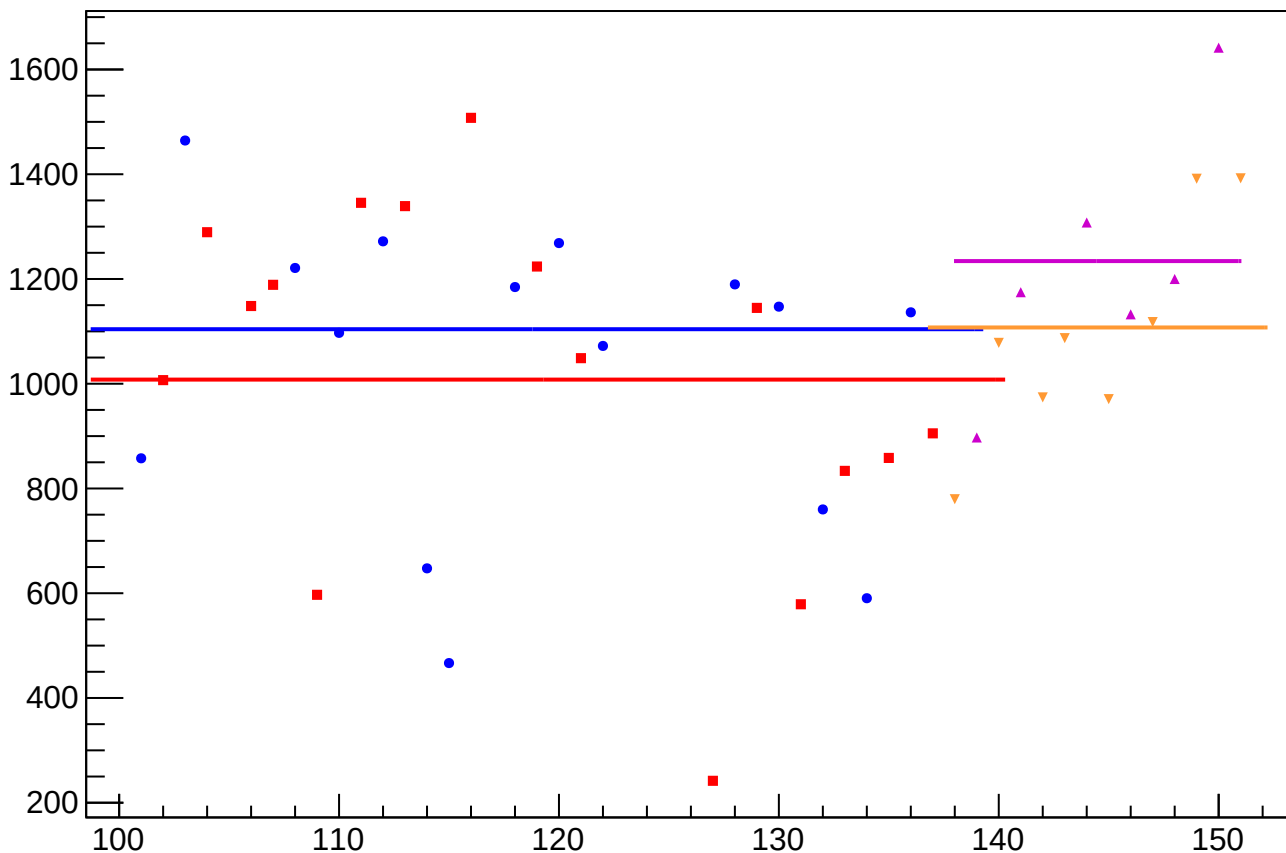
Right In: -1564.595+/-0.000 χ^2/NDF : 483874800978571042578975757029039144960.0/14
 Left Out: -2050.004+/-0.000 χ^2/NDF : 5065303737808369173143025786178271969280.0/7
 Right Out: -1578.178+/-0.000 χ^2/NDF : 368450572556217564071963203581098590208.0/15
 Left In: -3363.583+/-0.000 χ^2/NDF : 53787950109399635961728013196811304960.0/5

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14
 Left Out: 152.394+/-0.000 χ^2/NDF : 857261702215998698874914267555954688.0/7
 Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15
 Left In: 161.129+/-0.000 χ^2/NDF : 426830921517171665499971036211314688.0/5

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

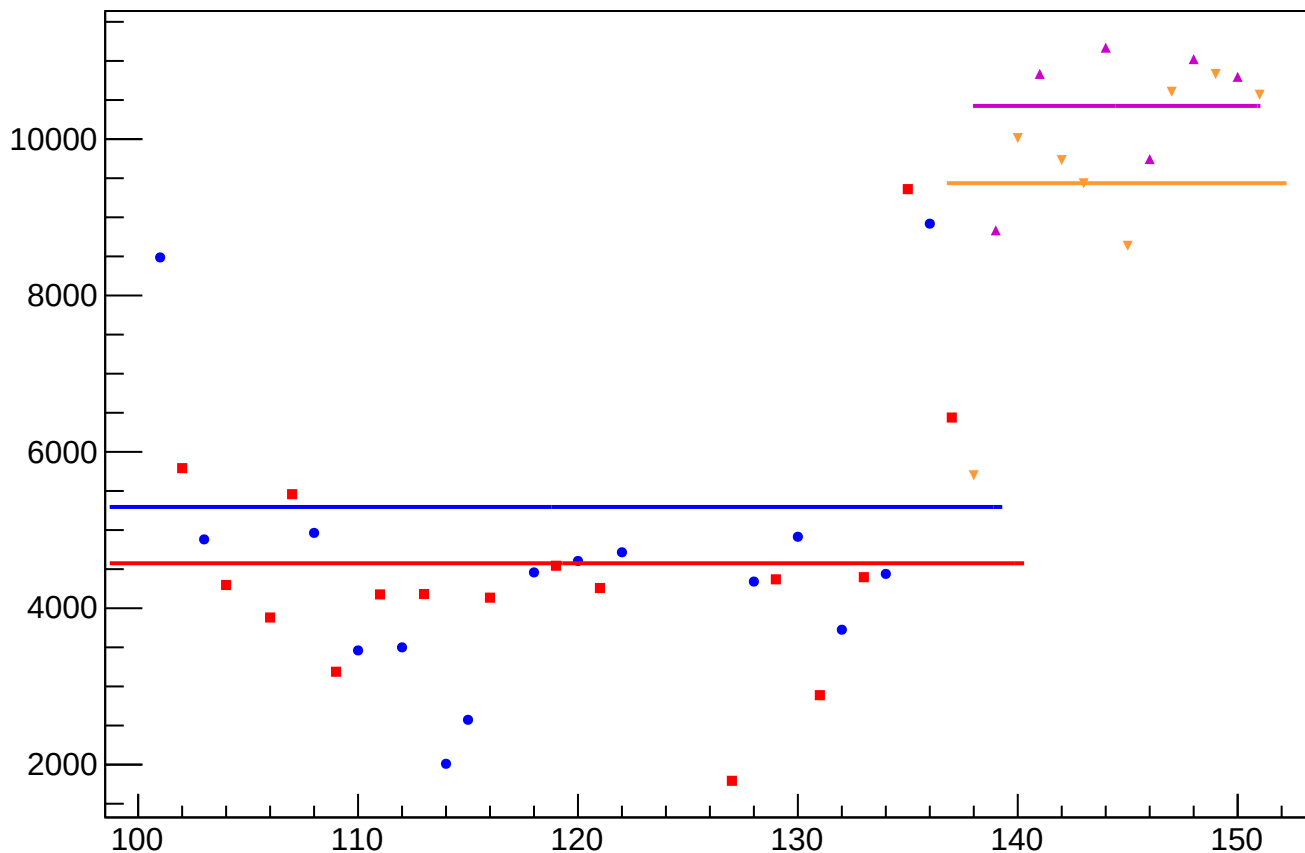
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

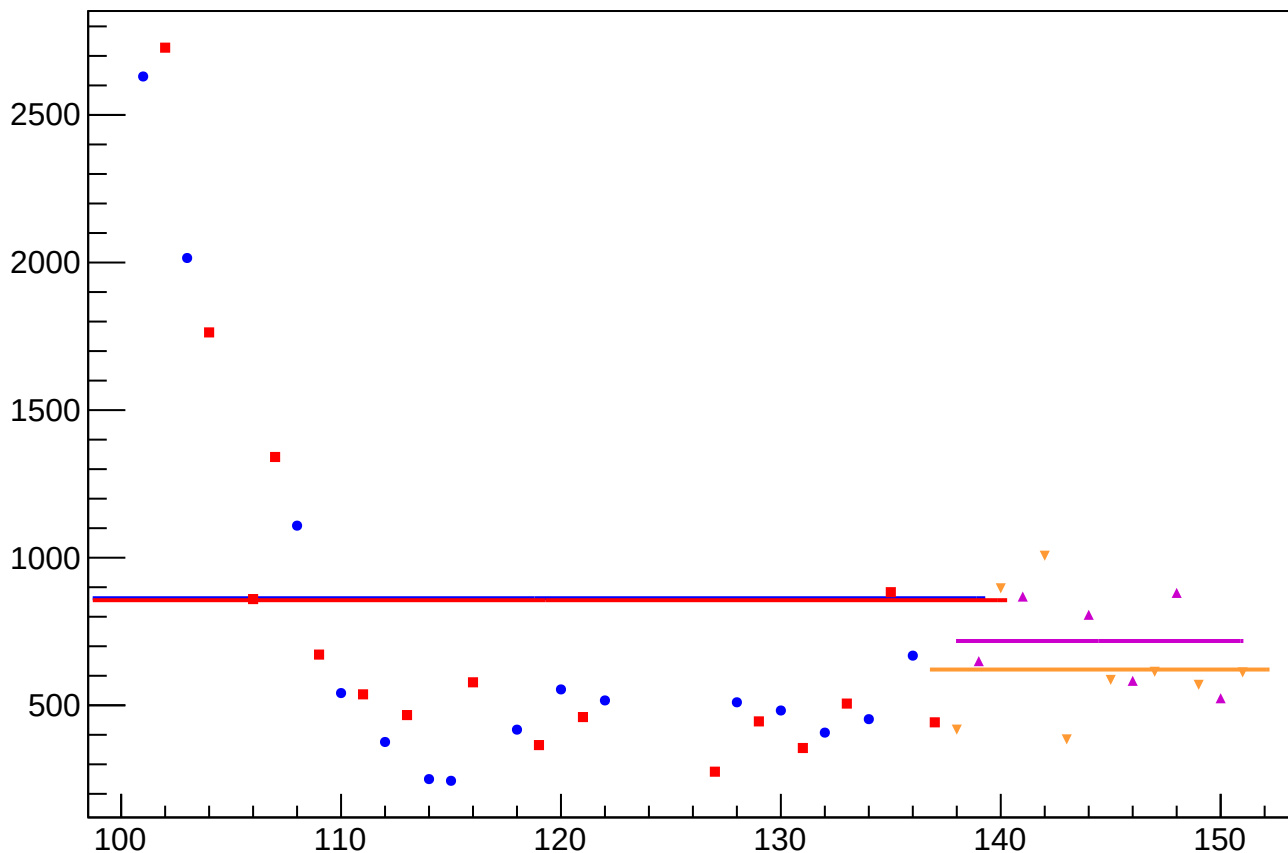
dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000	χ^2/NDF : 2505645232968263275444048016093183213568.0/14
Left Out: 9436.488+/-0.000	χ^2/NDF : 1540663120877803113331215832365188251648.0/7
Right Out: 4575.270+/-0.000	χ^2/NDF : 1863322094770403739096100800072716910592.0/15
Left In: 10424.722+/-0.000	χ^2/NDF : 349838424396653692452890217451037392896.0/5

+ sign 7272.631+/-0.000 χ^2/NDF : 93599079290766
 All: 7197.438+/-0.000 χ^2/NDF : 21509306113
 - sign 7118.295+/-0.000 χ^2/NDF : 12134984887830

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 621.136+/-0.000 χ^2/NDF : 20371886520125555813203429740404277248.0/7

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

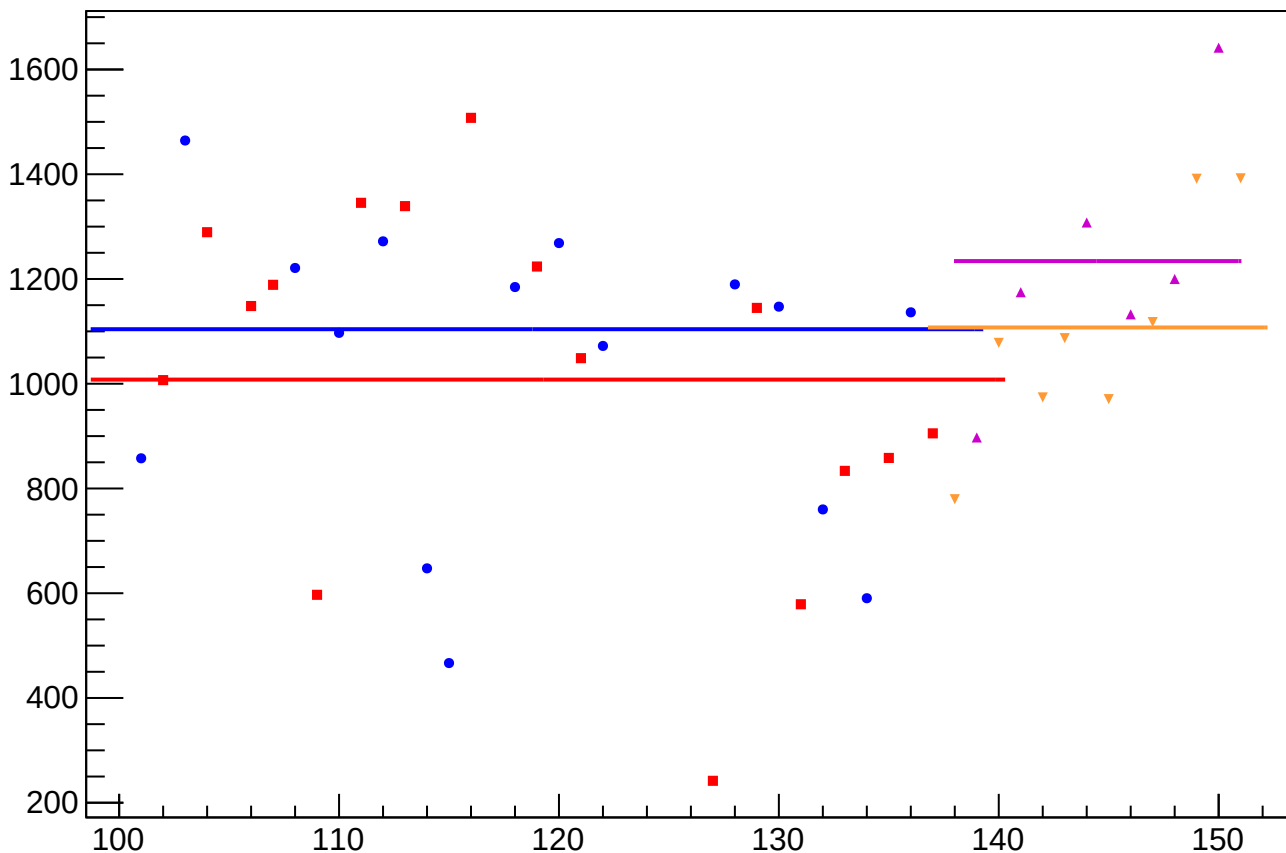
Left In: 717.841+/-0.000 χ^2/NDF : 10172676005801371788307217433713704960.0/5

+ sign 747.355+/-0.000 χ^2/NDF : 376135184304379

All: 771.040+/-0.000 χ^2/NDF : 720472923296

- sign 795.969+/-0.000 χ^2/NDF : 342907669198678

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

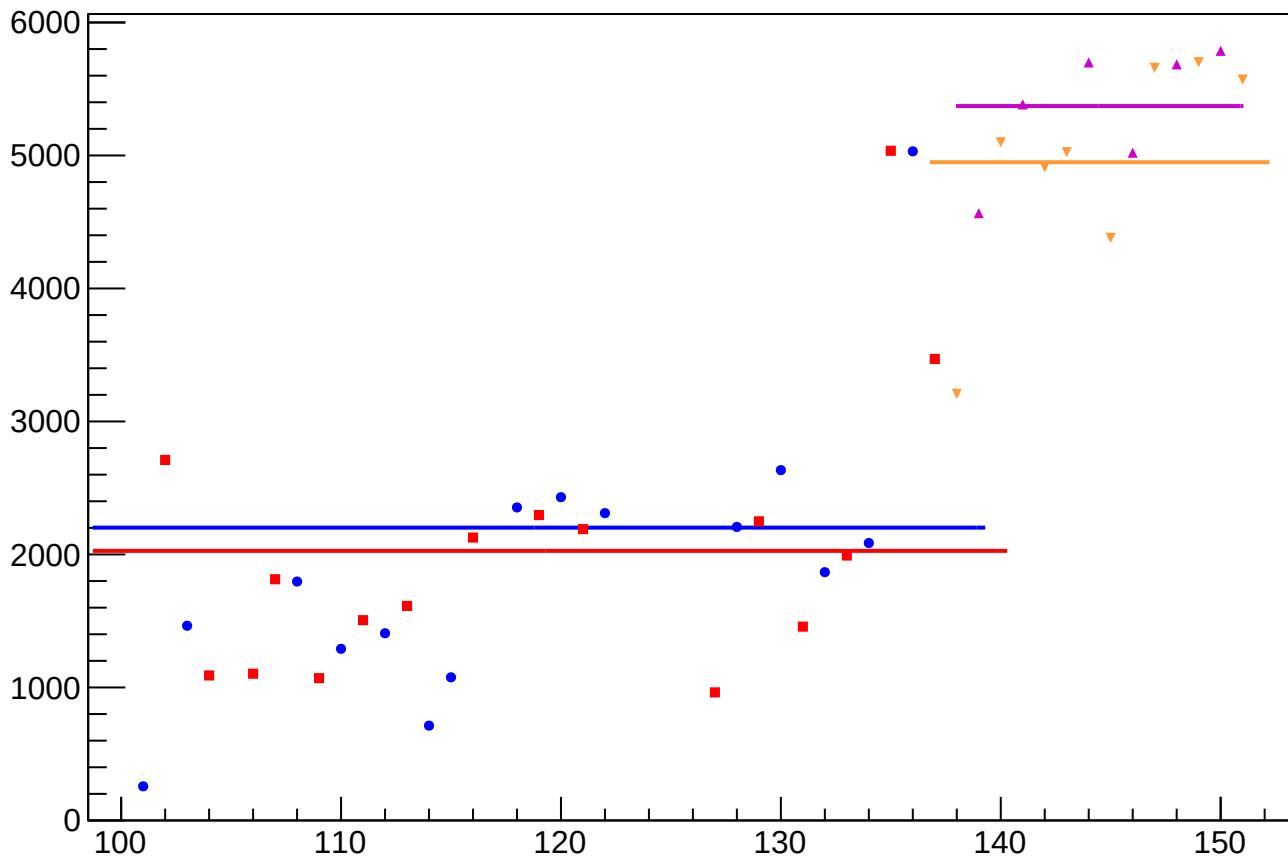
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

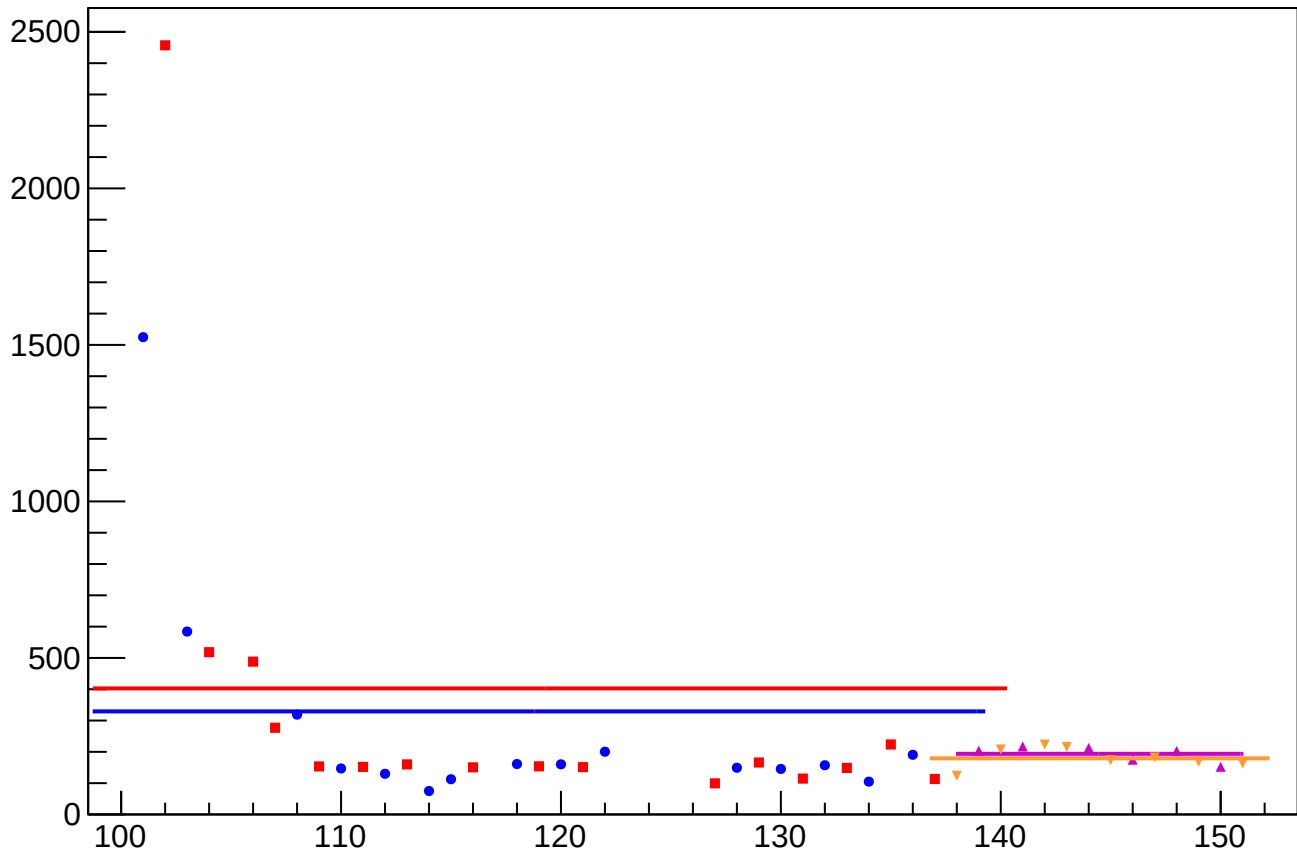
- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_atr1_coil3_mean vs Slug



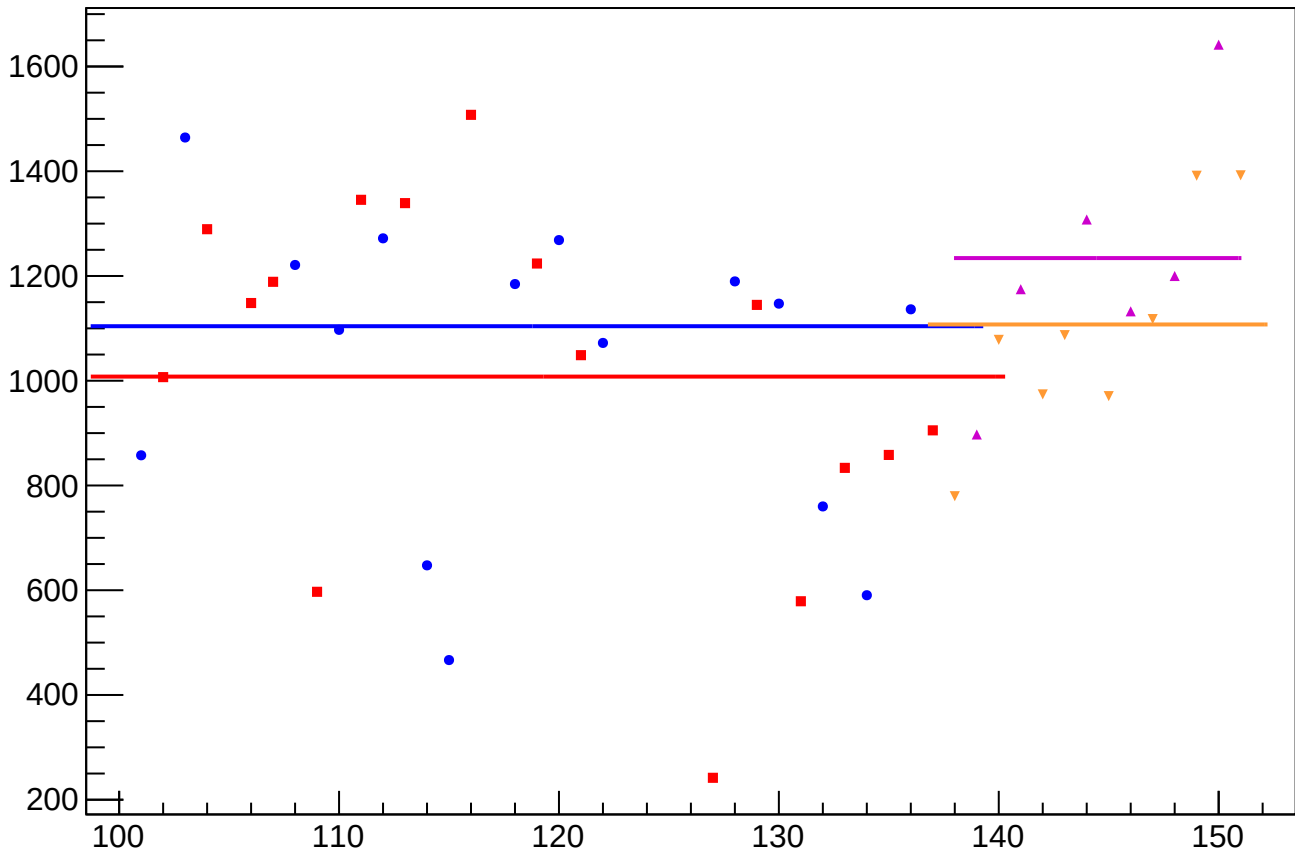
Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 4949.203+/-0.000 χ^2/NDF : 381522288113617852896322759807679332352.0/7
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5371.598+/-0.000 χ^2/NDF : 96313180018753898205192837701457412096.0/5

dit_atr1_coil3_err_mean vs Slug



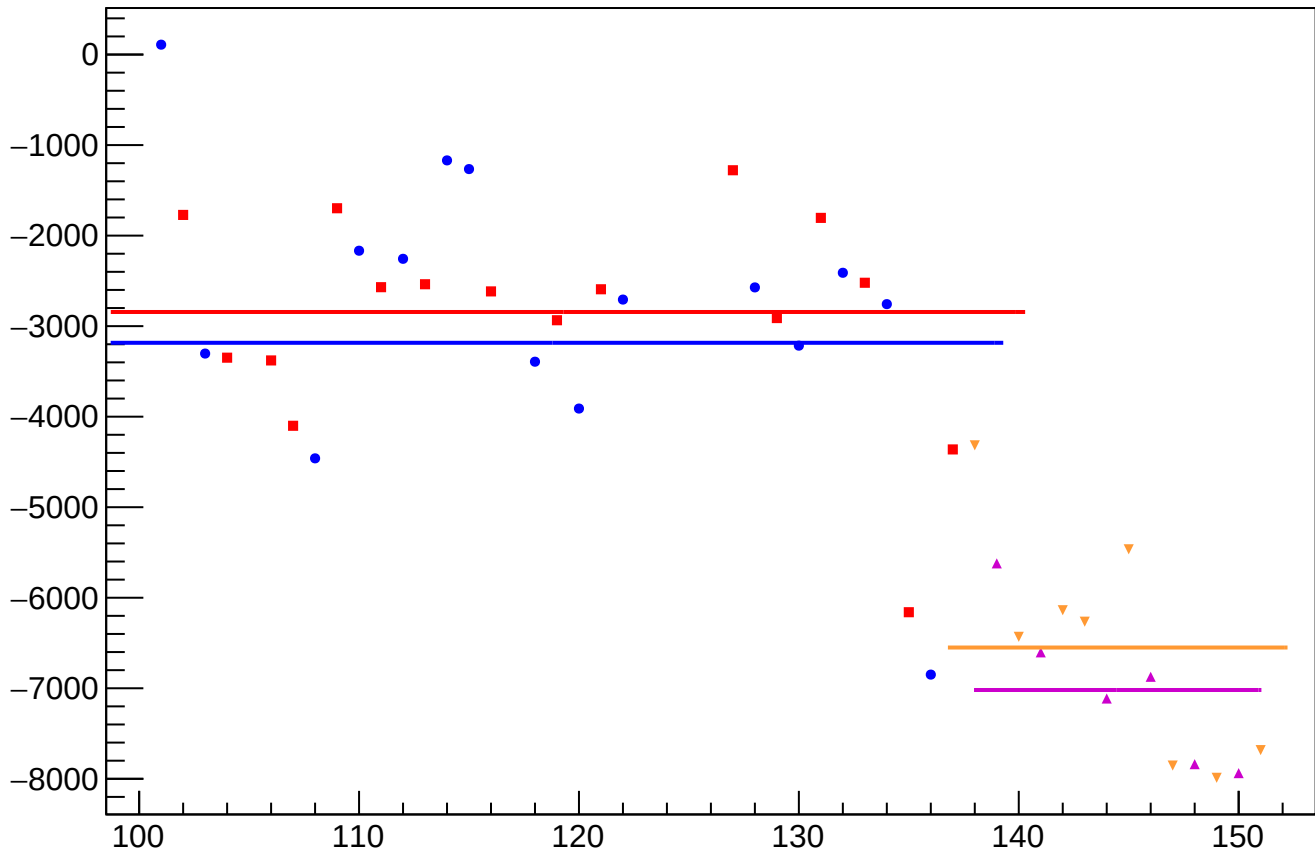
Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14
 Left Out: 179.271+/-0.000 χ^2/NDF : 520777687449071632750177077411446784.0/7
 Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15
 Left In: 193.654+/-0.000 χ^2/NDF : 278793455834994122313794247907606528.0/5

dit_atr1_coil3_Ndata_mean vs Slug



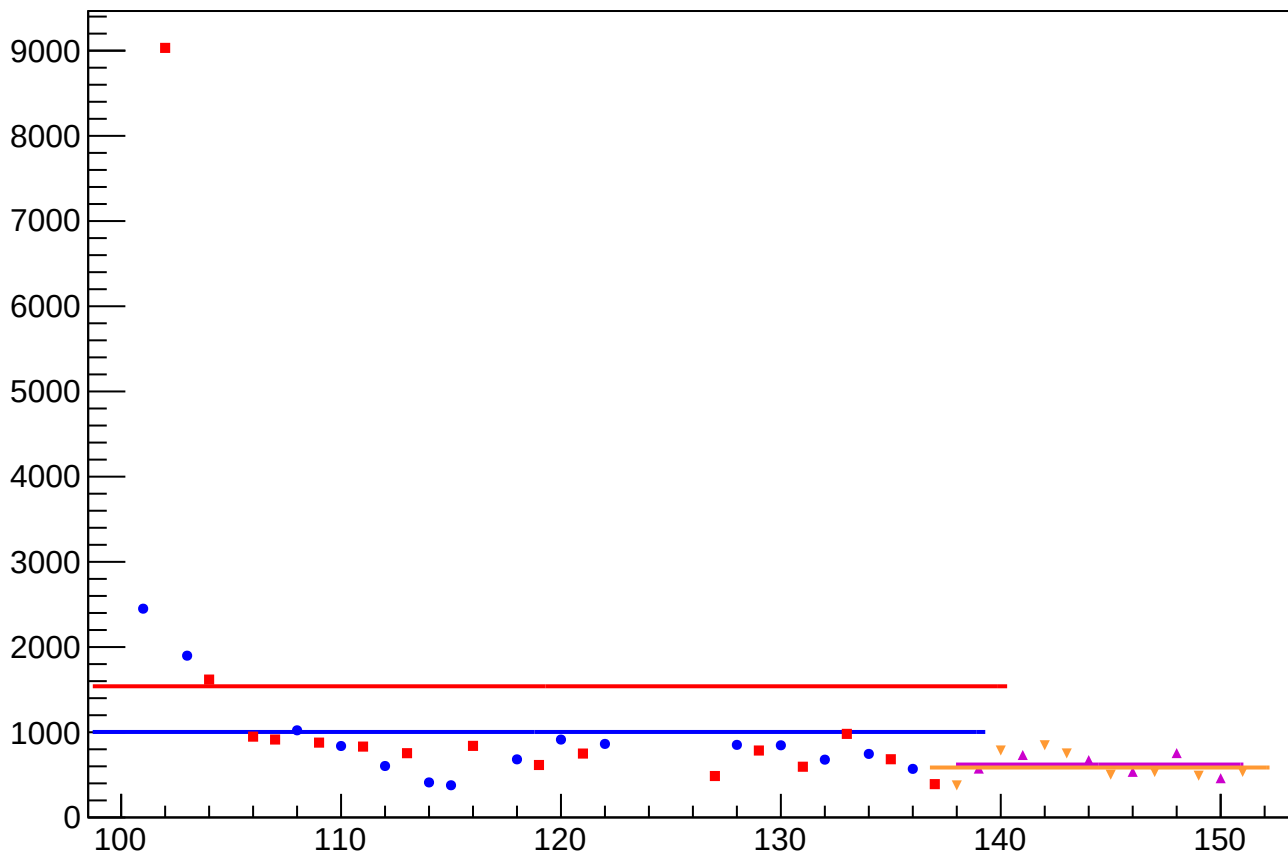
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

dit_atr2_coil3_mean vs Slug



Right In: -3183.928 ± 0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6549.891 ± 0.000 χ^2/NDF : 904200301376634338610021618565320278016.0/7
 Right Out: -2843.597 ± 0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7019.078 ± 0.000 χ^2/NDF : 308835993889799356337577796296675164160.0/5

dit_atr2_coil3_err_mean vs Slug



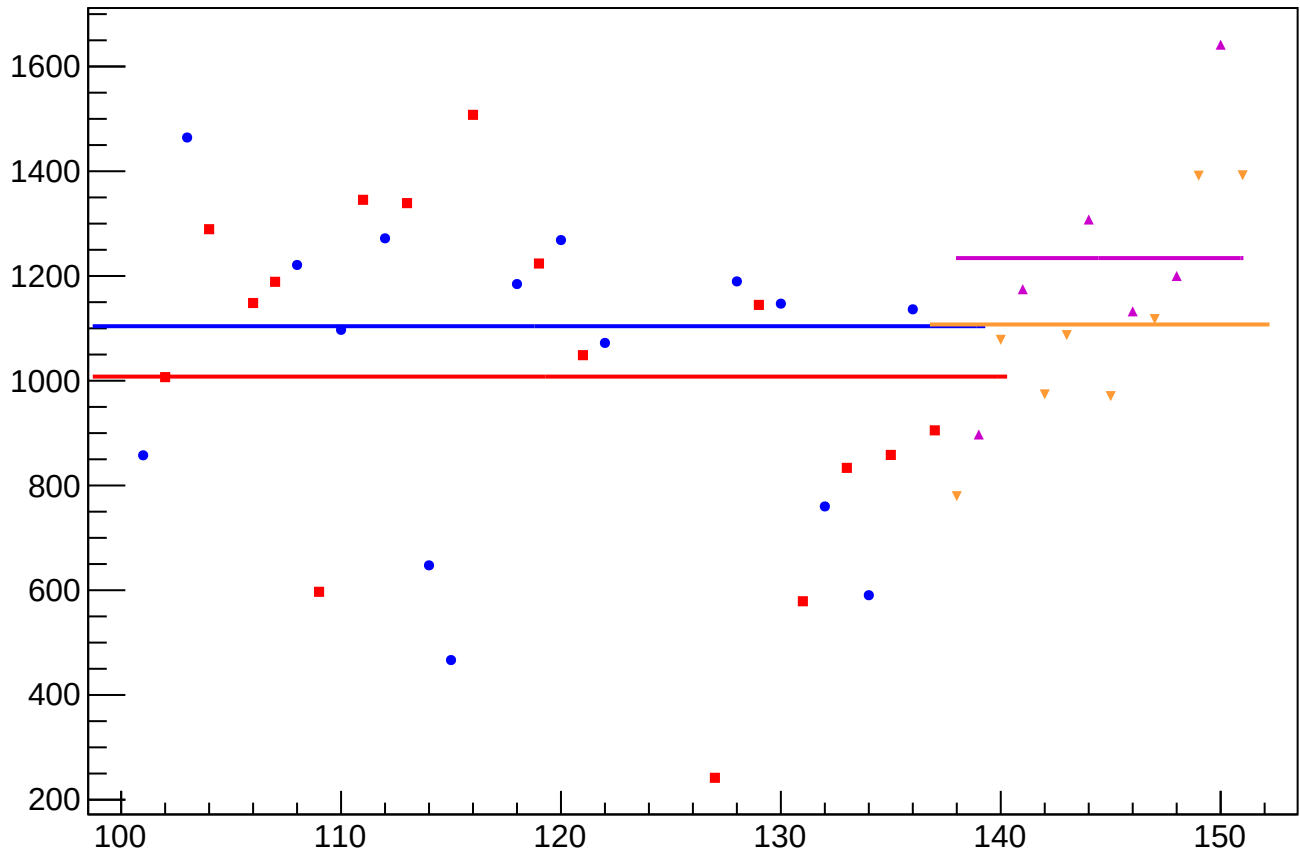
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

Left Out: 586.154+/-0.000 χ^2/NDF : 13456778039258799671991190217476276224.0/7

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

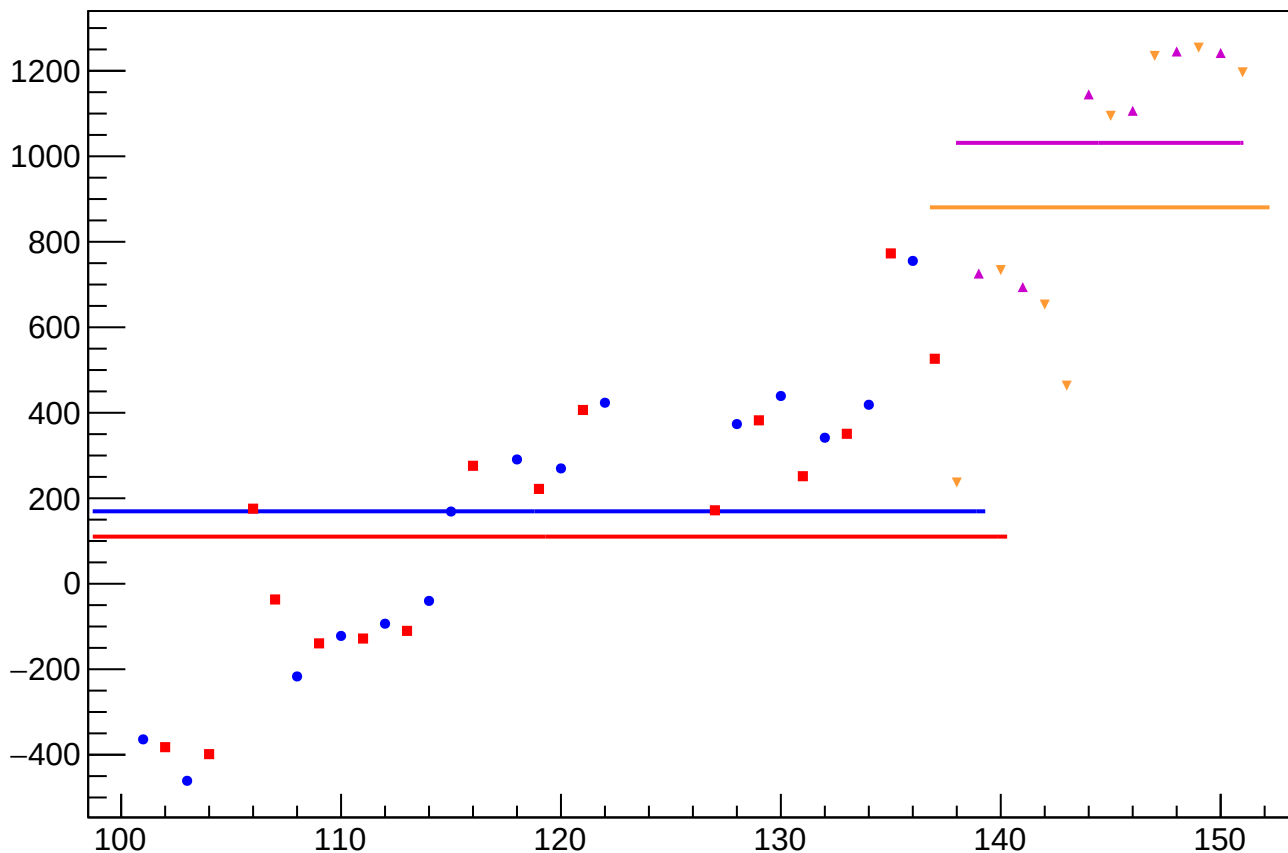
Left In: 621.037+/-0.000 χ^2/NDF : 5965229085294844169726613768250589184.0/5

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 880.590+/-0.000 χ^2/NDF : 81031420838930472211575079633621614592.0/7

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

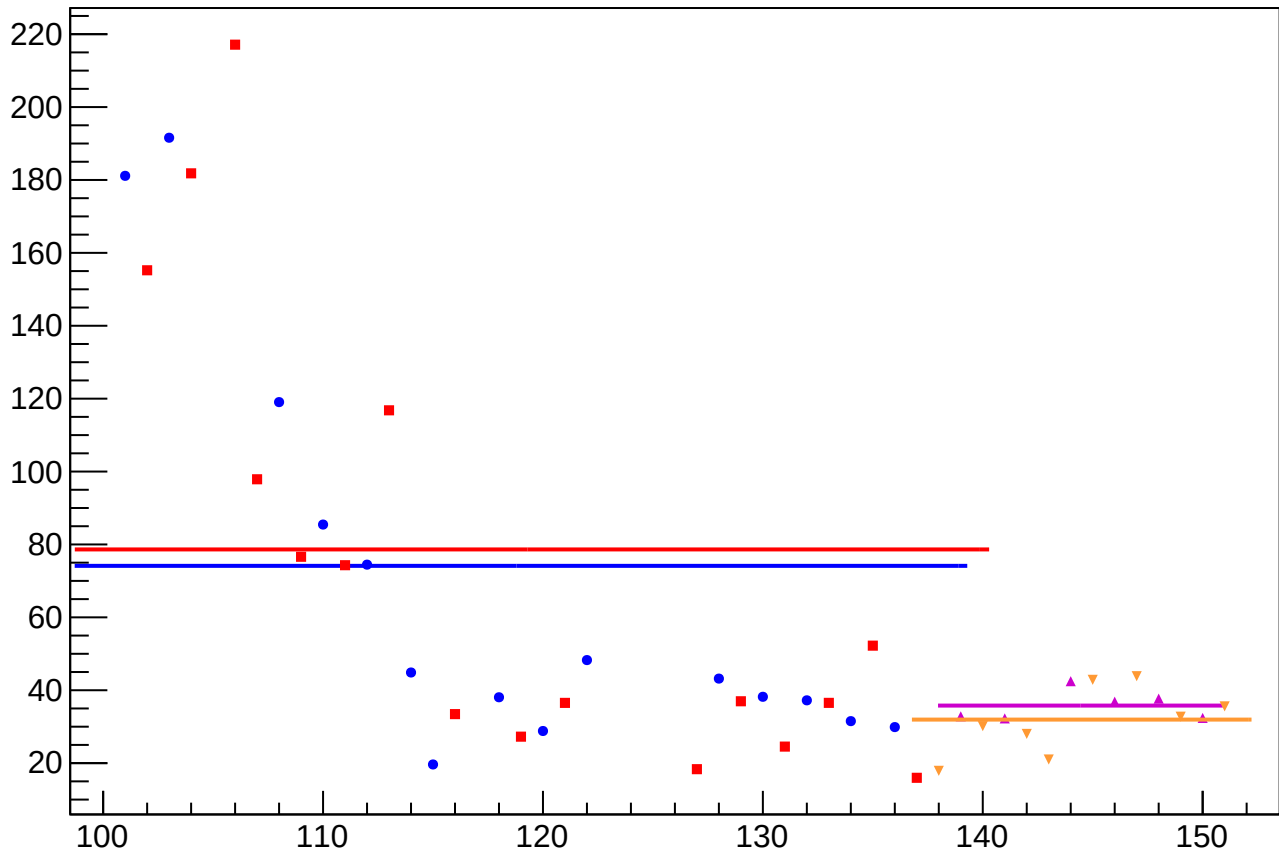
Left In: 1031.452+/-0.000 χ^2/NDF : 26719810499405363898034880562096766976.0/5

+ sign 509.008+/-0.000 χ^2/NDF : 333156917238718

All: 509.862+/-0.000 χ^2/NDF : 677705464626

- sign 510.760+/-0.000 χ^2/NDF : 344546689826742

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.947+/-0.000 χ^2/NDF : 46180123353971970597228692417544192.0/7

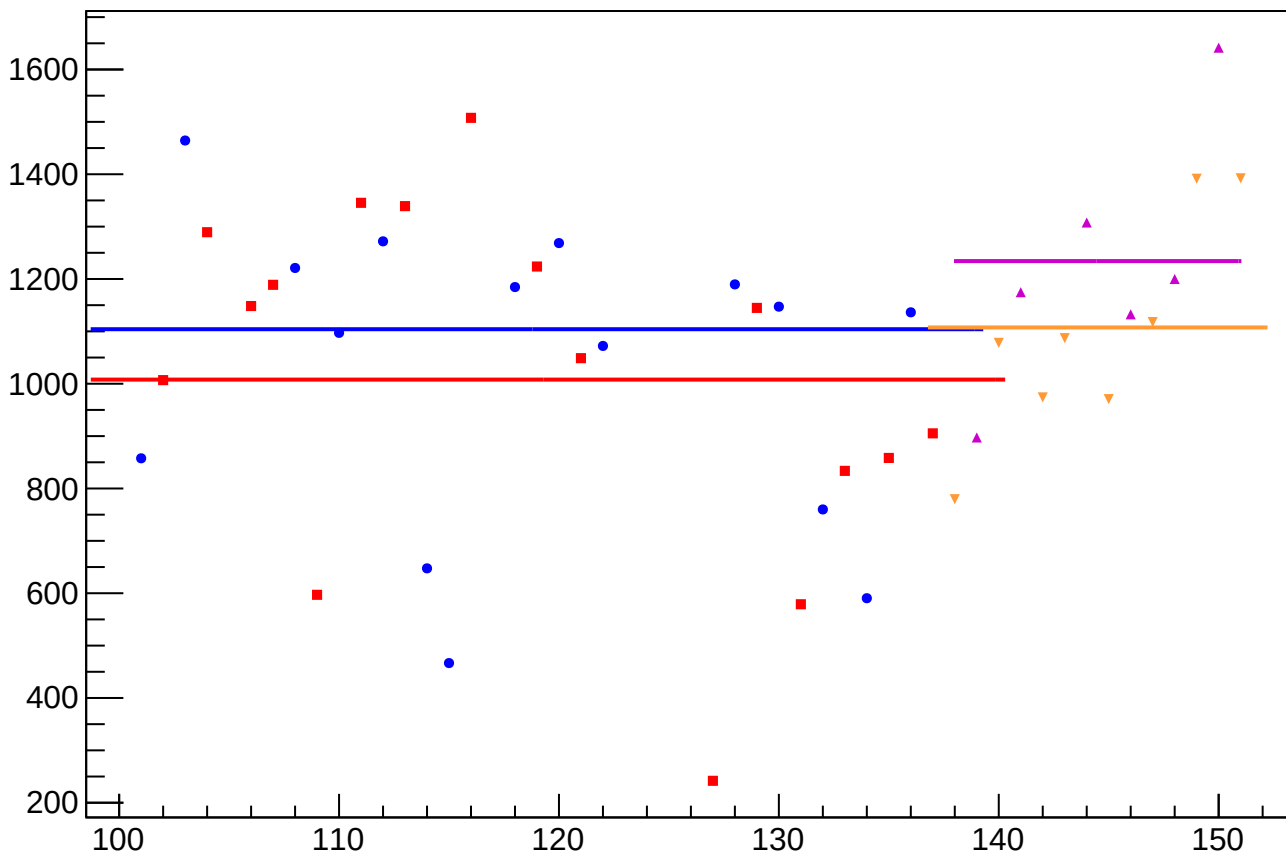
Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

Left In: 35.791+/-0.000 χ^2/NDF : 7183109109118443250604068785094656.0/5

All: 56.921+/-0.000 χ^2/NDF : 5670458120150

- sign 60.008+/-0.000 χ^2/NDF : 2882641295313427

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

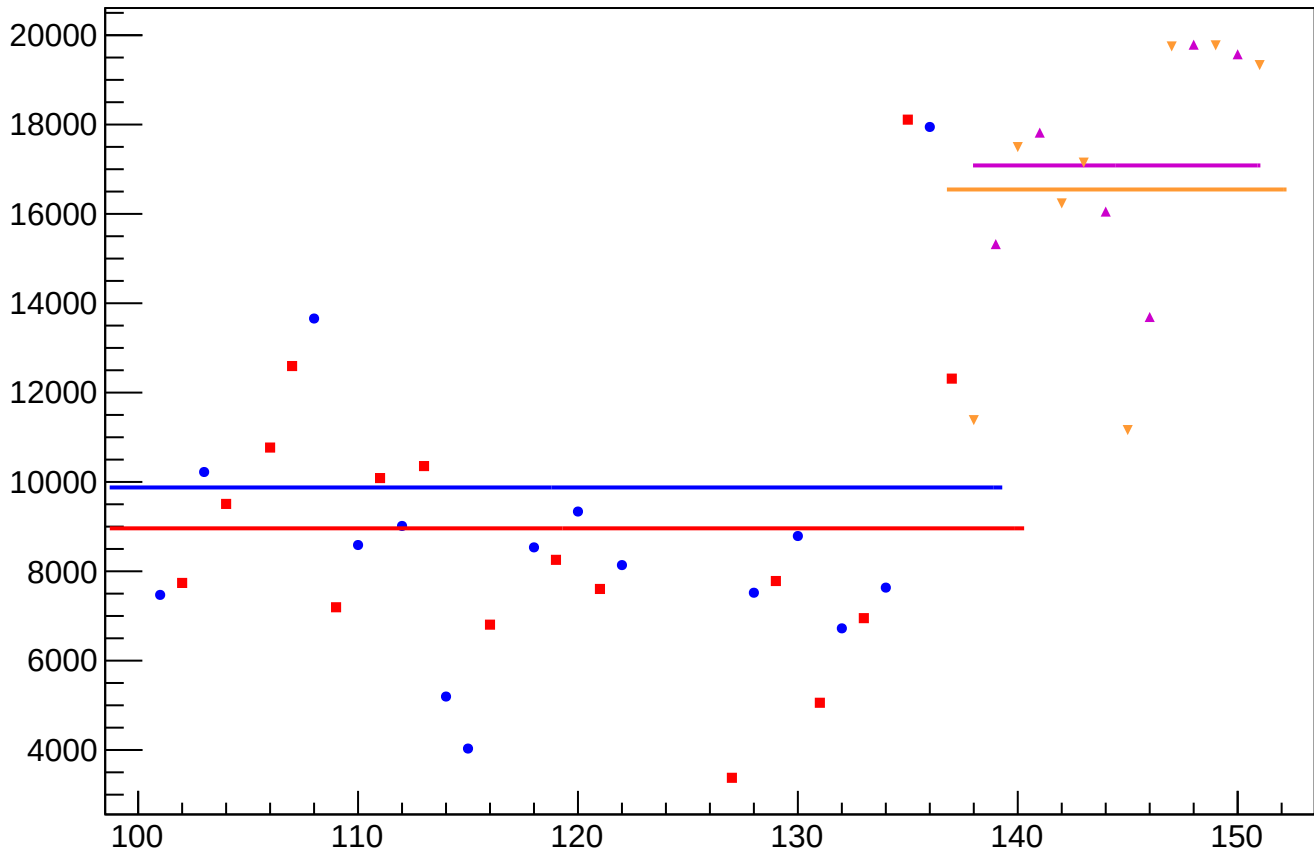
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

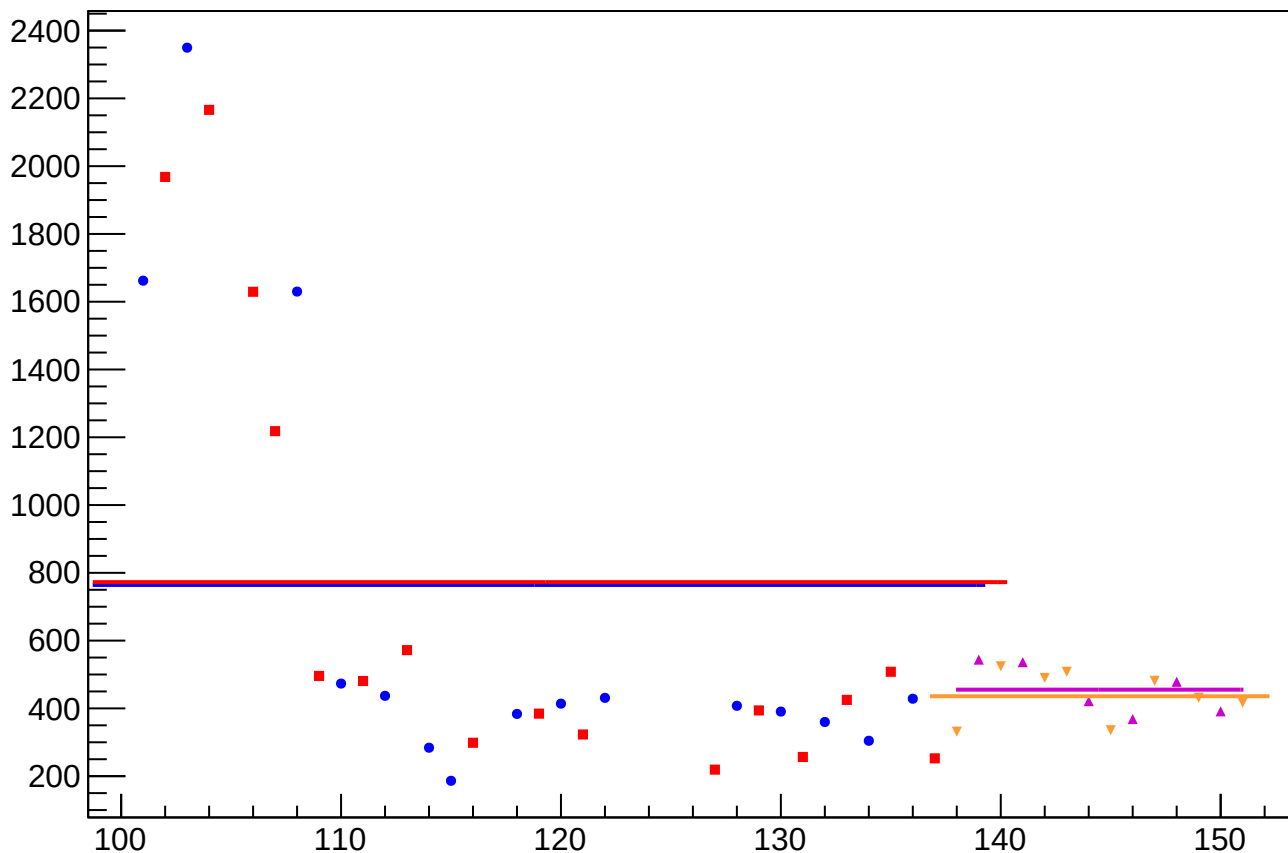
- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_sam2_coil3_mean vs Slug



Right In: 9876.530 $\pm$ 0.000 χ^2 /NDF: 8483360287053054122301651905797133697024.0/14
 Left Out: 16546.432 $\pm$ 0.000 χ^2 /NDF: 6801850258023609923514154765894773899264.0/7
 Right Out: 8961.593 $\pm$ 0.000 χ^2 /NDF: 7583728644146461427304320888408335450112.0/15
 Left In: 17084.614 $\pm$ 0.000 χ^2 /NDF: 2524208930043987303377617585754769195008.0/5

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 435.835+/-0.000 χ^2/NDF : 2977121844362765272140989272619483136.0/7

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

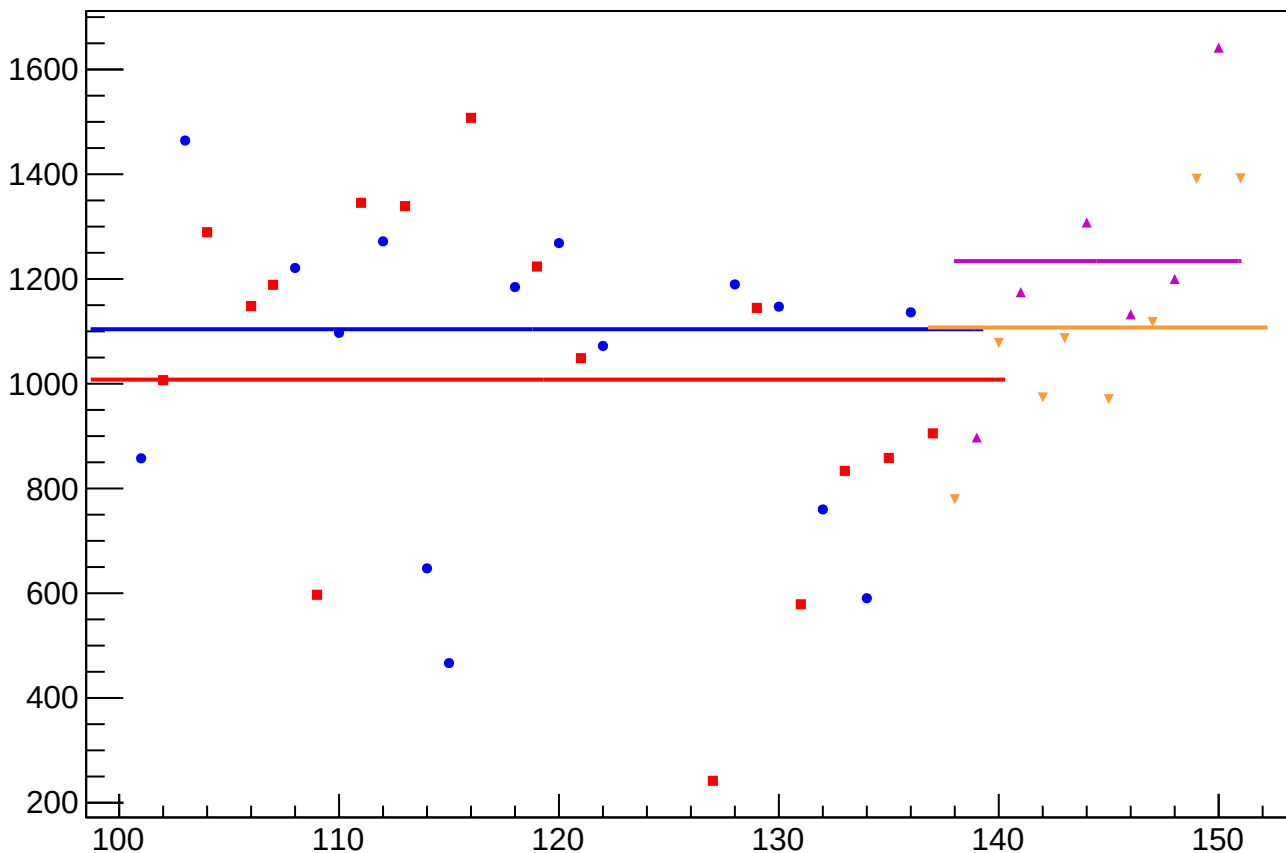
Left In: 455.310+/-0.000 χ^2/NDF : 2340868020656078409465890942645960704.0/5

+ sign 607.464+/-0.000 χ^2/NDF : 327370147710805

All: 620.699+/-0.000 χ^2/NDF : 645242661397

- sign 634.630+/-0.000 χ^2/NDF : 317425961207170

dit_sam2_coil3_Ndata_mean vs Slug



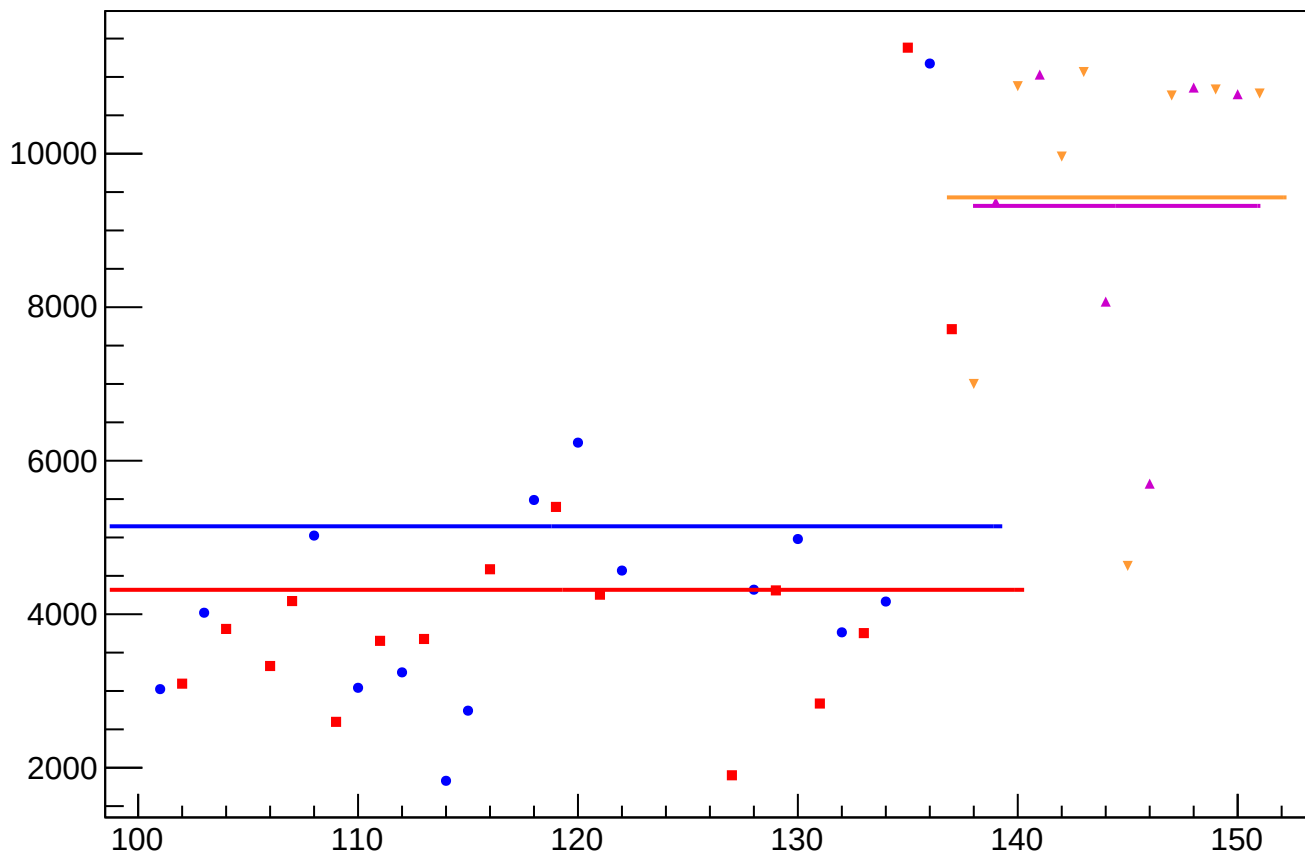
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

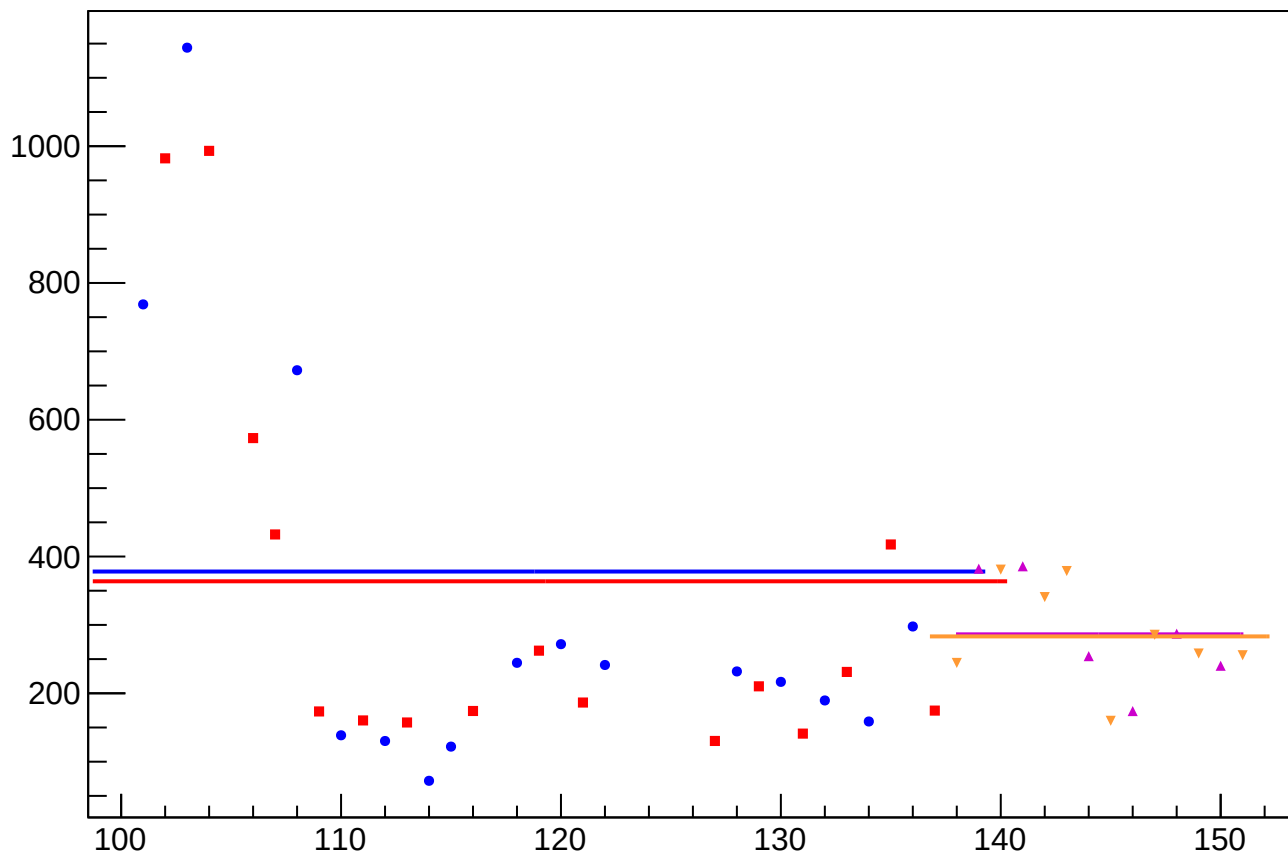
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000	χ^2/NDF : 4272867262459372237810540195851662262272.0/14	+ sign 7191.615+/-0.000	χ^2/NDF : 13099301079914
Left Out: 9430.782+/-0.000	χ^2/NDF : 3136531861991697137604866393053193043968.0/7	All: 6851.100+/-0.000	χ^2/NDF : 25861666145
Right Out: 4318.126+/-0.000	χ^2/NDF : 3345176554564755427312533888908526616576.0/15	- sign 6492.694+/-0.000	χ^2/NDF : 12466778109462
Left In: 9320.056+/-0.000	χ^2/NDF : 1866619010422918107267054528570182336512.0/5		

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 283.187+/-0.000 χ^2/NDF : 3008214695484015196103233061102026752.0/7

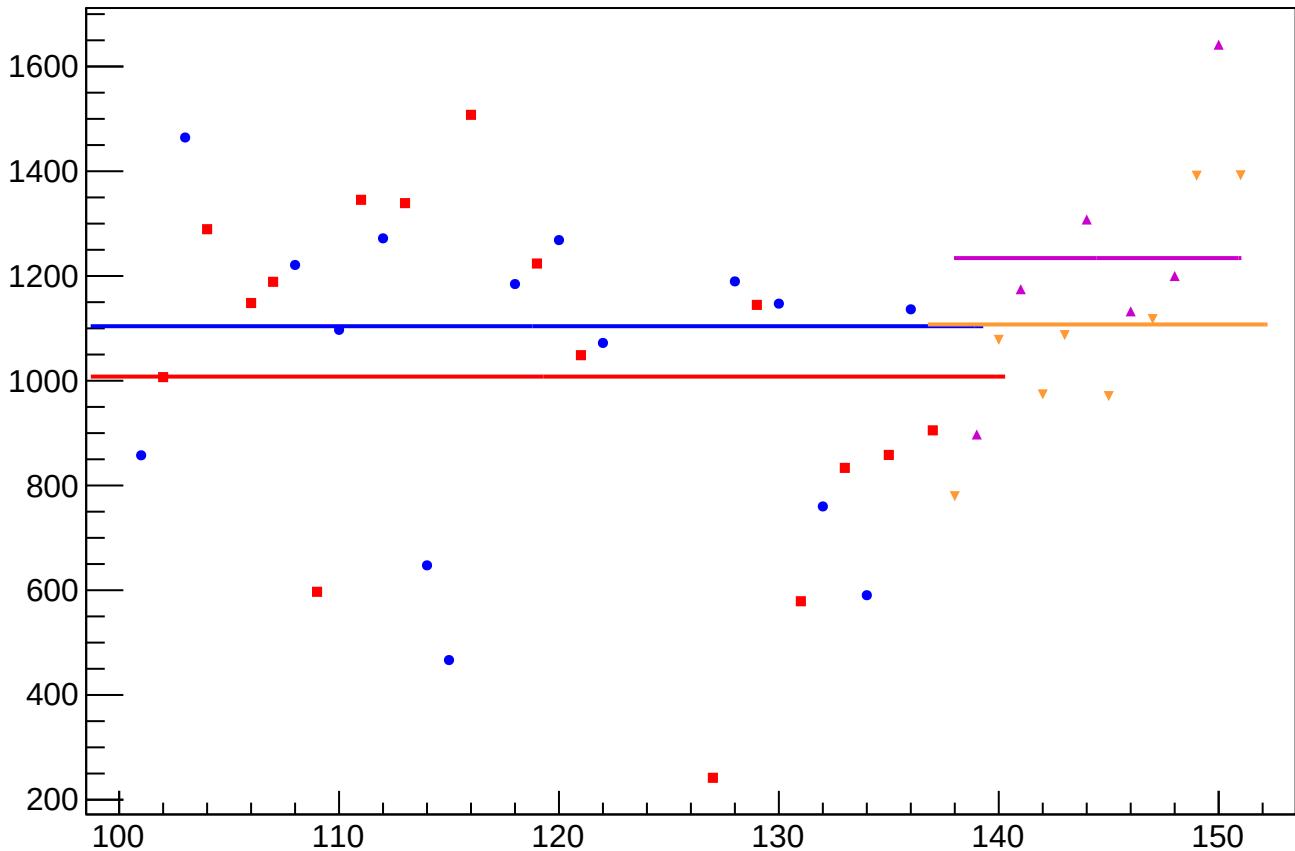
Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

Left In: 286.199+/-0.000 χ^2/NDF : 2915602077032549482661761594540687360.0/5

All: 331.438+/-0.000 χ^2/NDF : 131009781292

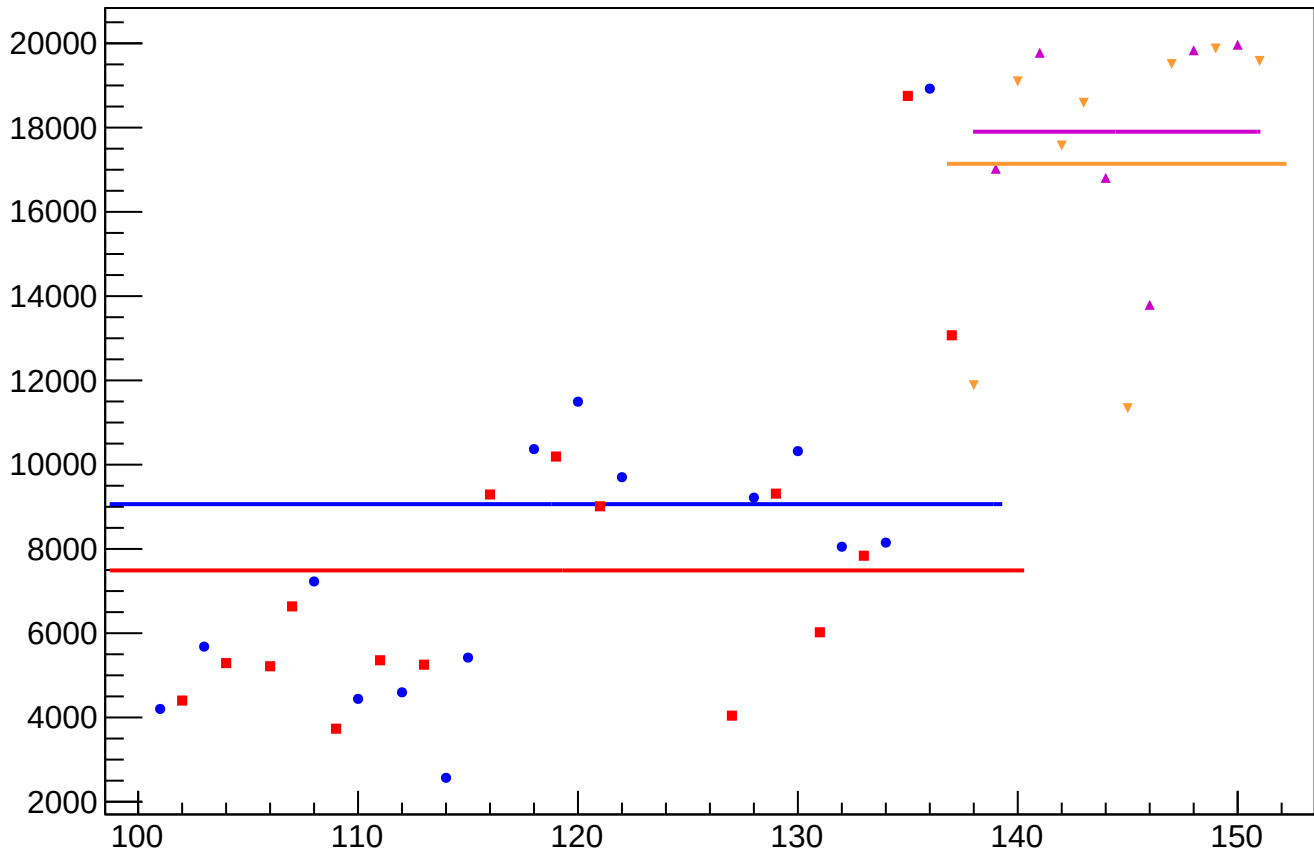
- sign 330.048+/-0.000 χ^2/NDF : 636919020641739

dit_sam3_coil3_Ndata_mean vs Slug



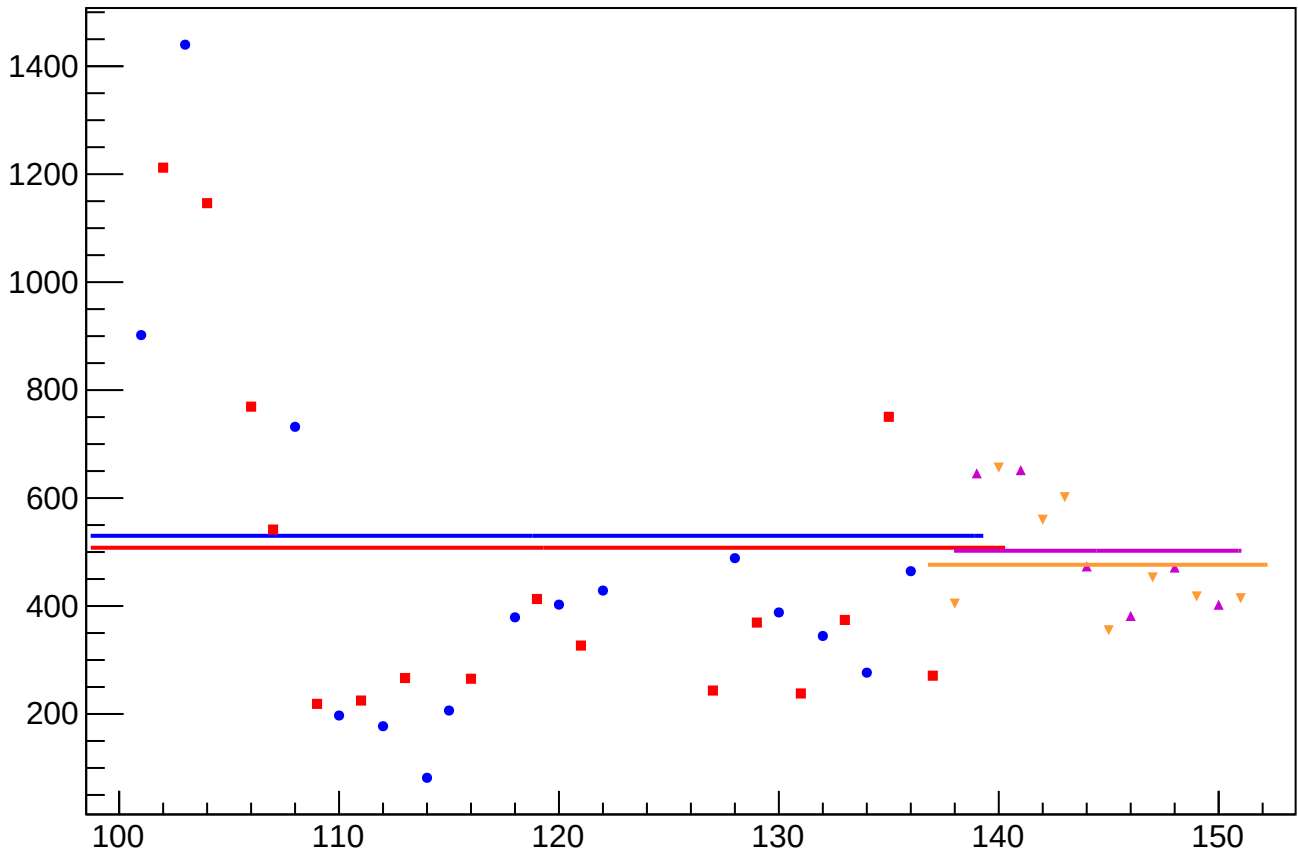
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

dit_sam4_coil3_mean vs Slug



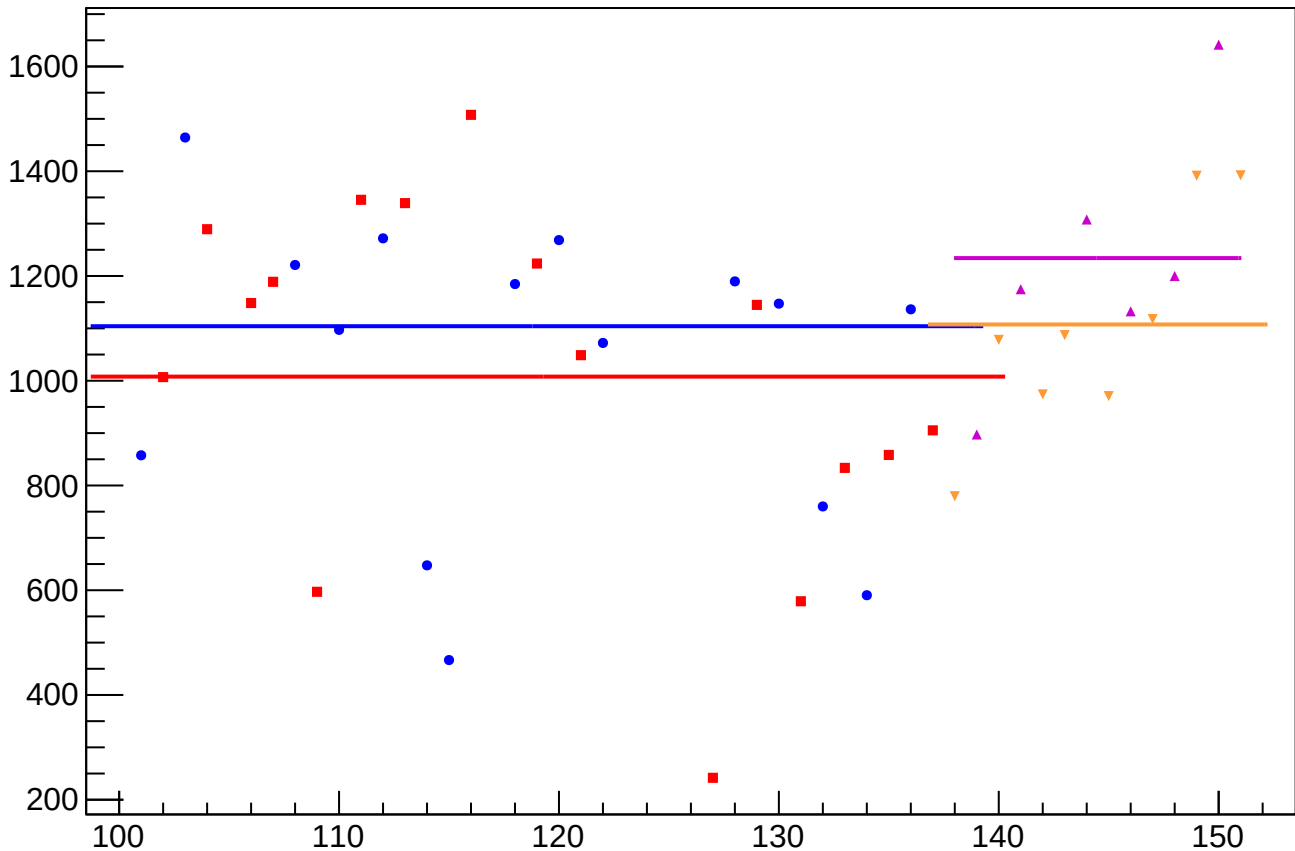
Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17140.061+/-0.000 χ^2/NDF : 6868208741937555819931125821627739144192.0/7
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 17902.575+/-0.000 χ^2/NDF : 2571123794972134375726891442240051216384.0/5

dit_sam4_coil3_err_mean vs Slug



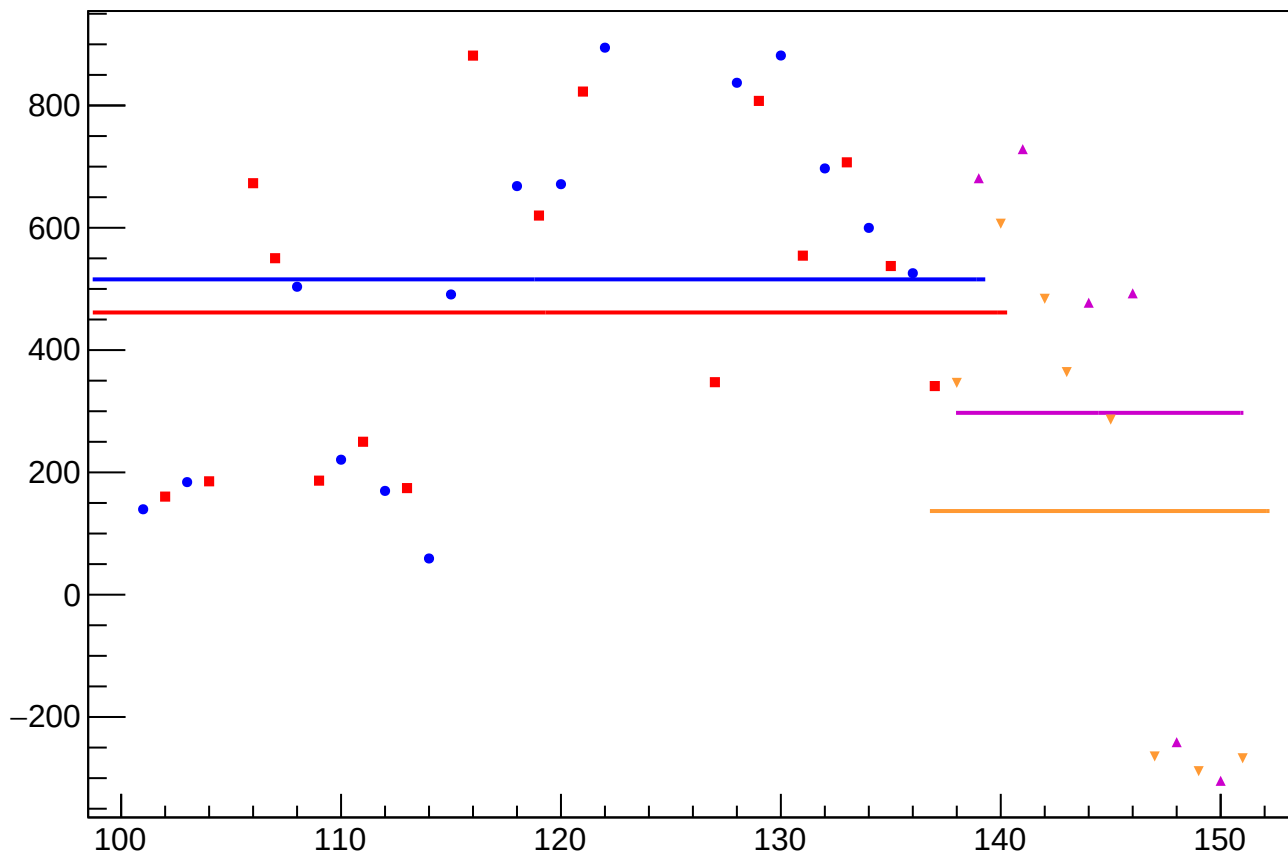
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14
 Left Out: 476.423+/-0.000 χ^2/NDF : 6250514374305911237786342105462865920.0/7
 Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15
 Left In: 502.388+/-0.000 χ^2/NDF : 5839178931679558171653130761925558272.0/5

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 $\pm$ 0.000 χ^2 /NDF: 23852091216105256312132421151050694656.0/7
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1234.187 $\pm$ 0.000 χ^2 /NDF: 26036000559979450515534894813142843392.0/5

dit_sam5_coil3_mean vs Slug



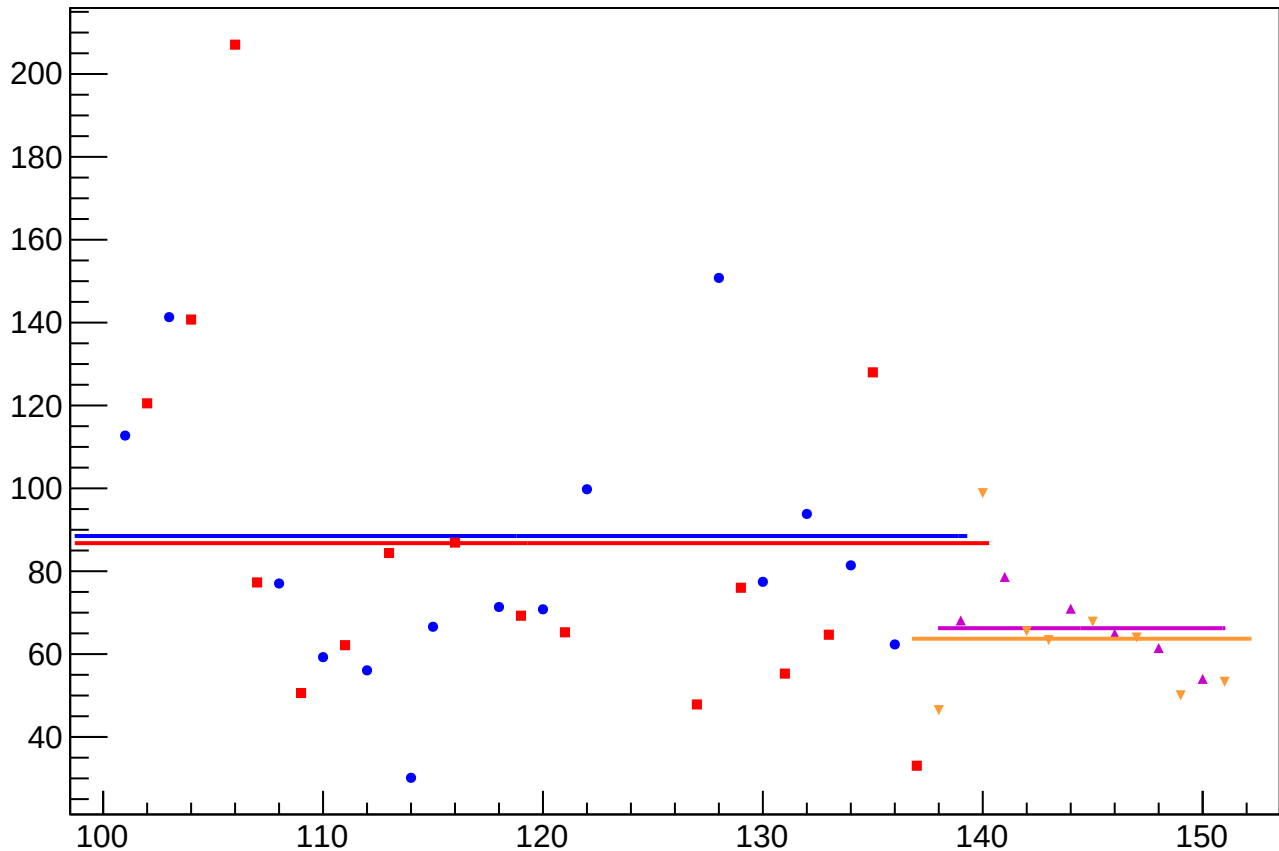
Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 136.799+/-0.000 χ^2/NDF : 72693405941214924454547616744033222656.0/7

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

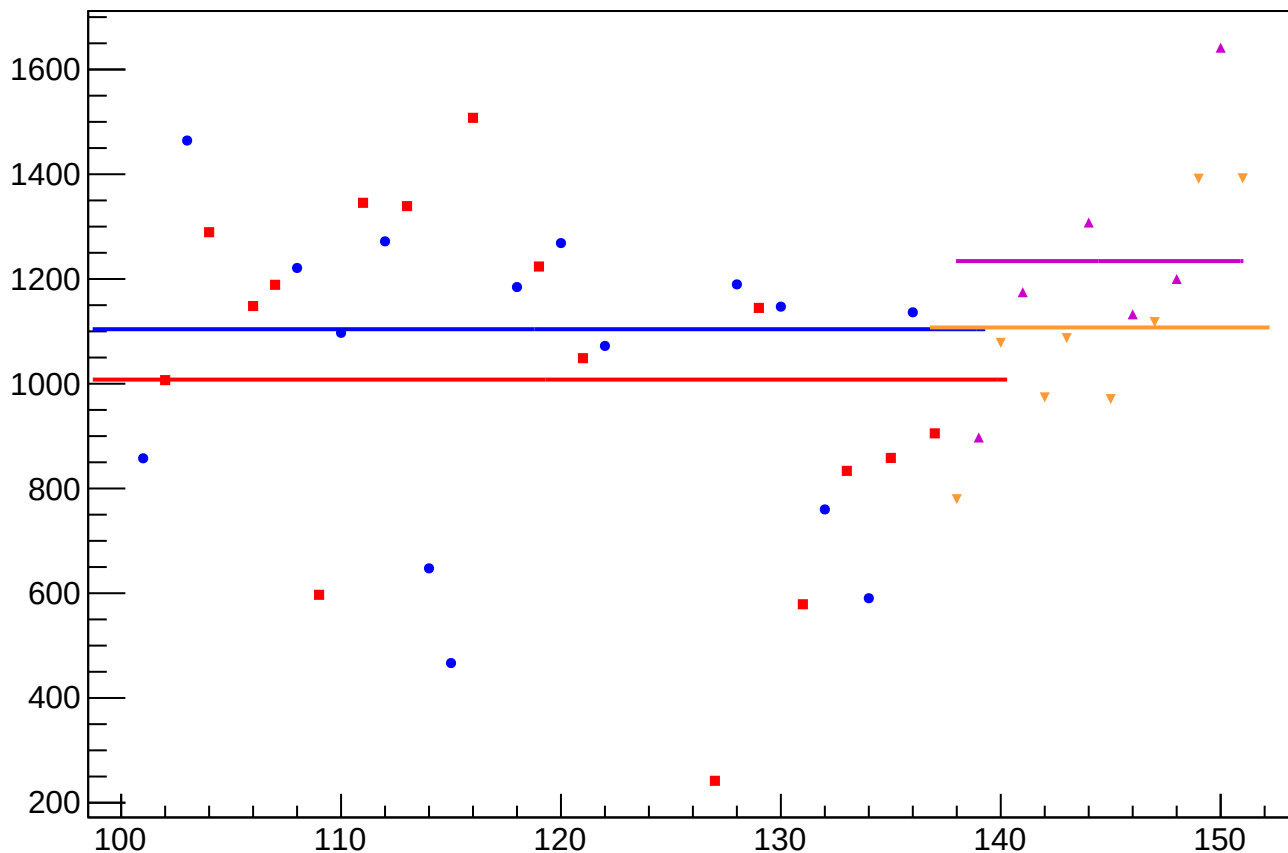
Left In: 297.368+/-0.000 χ^2/NDF : 91098591937383419374449251583294177280.0/5

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Left Out: 63.713+/-0.000 χ^2/NDF : 149867538293652750259063180306153472.0/7
 Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15
 Left In: 66.250+/-0.000 χ^2/NDF : 30958674469115651498852583282311168.0/5

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

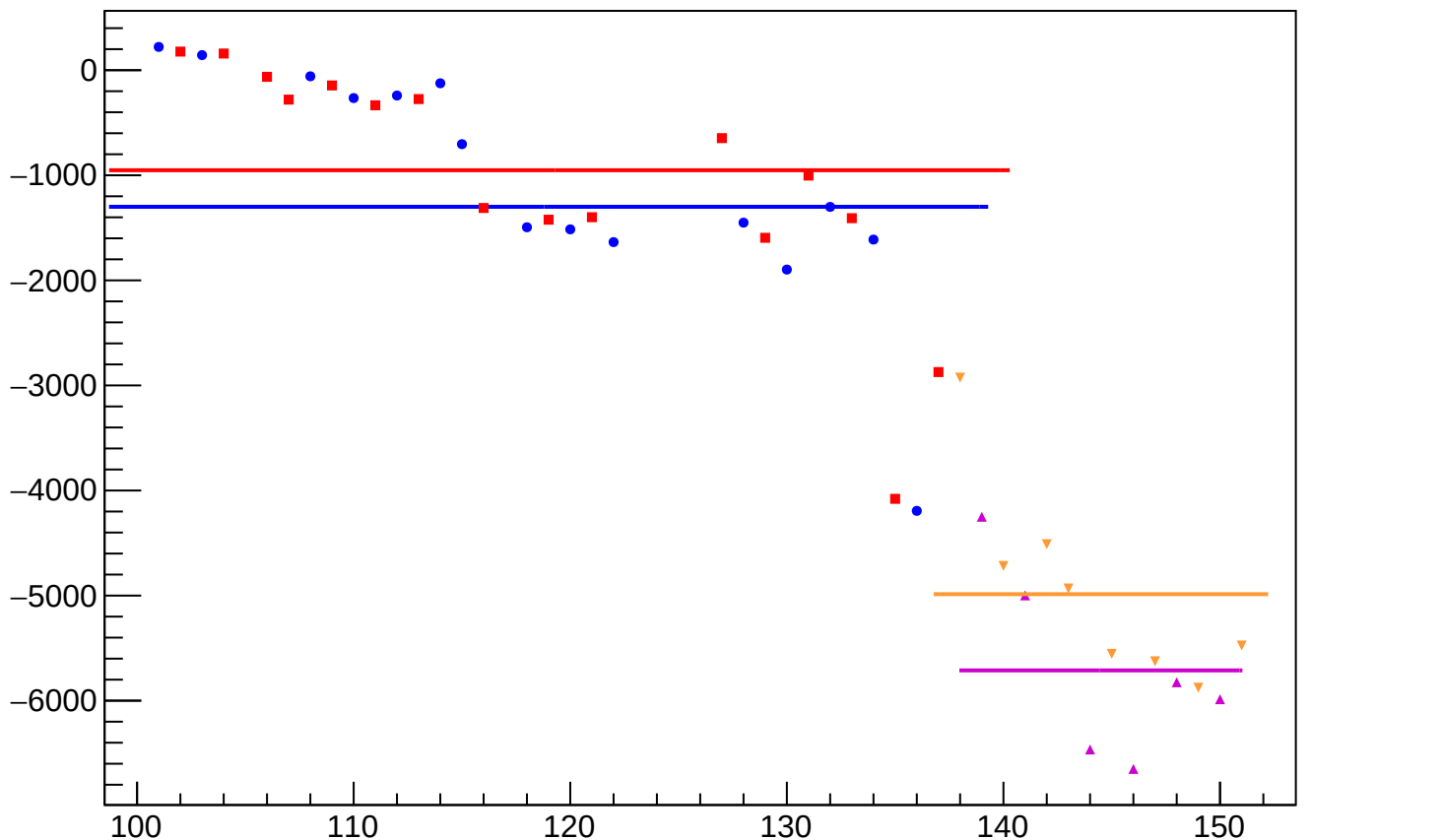
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

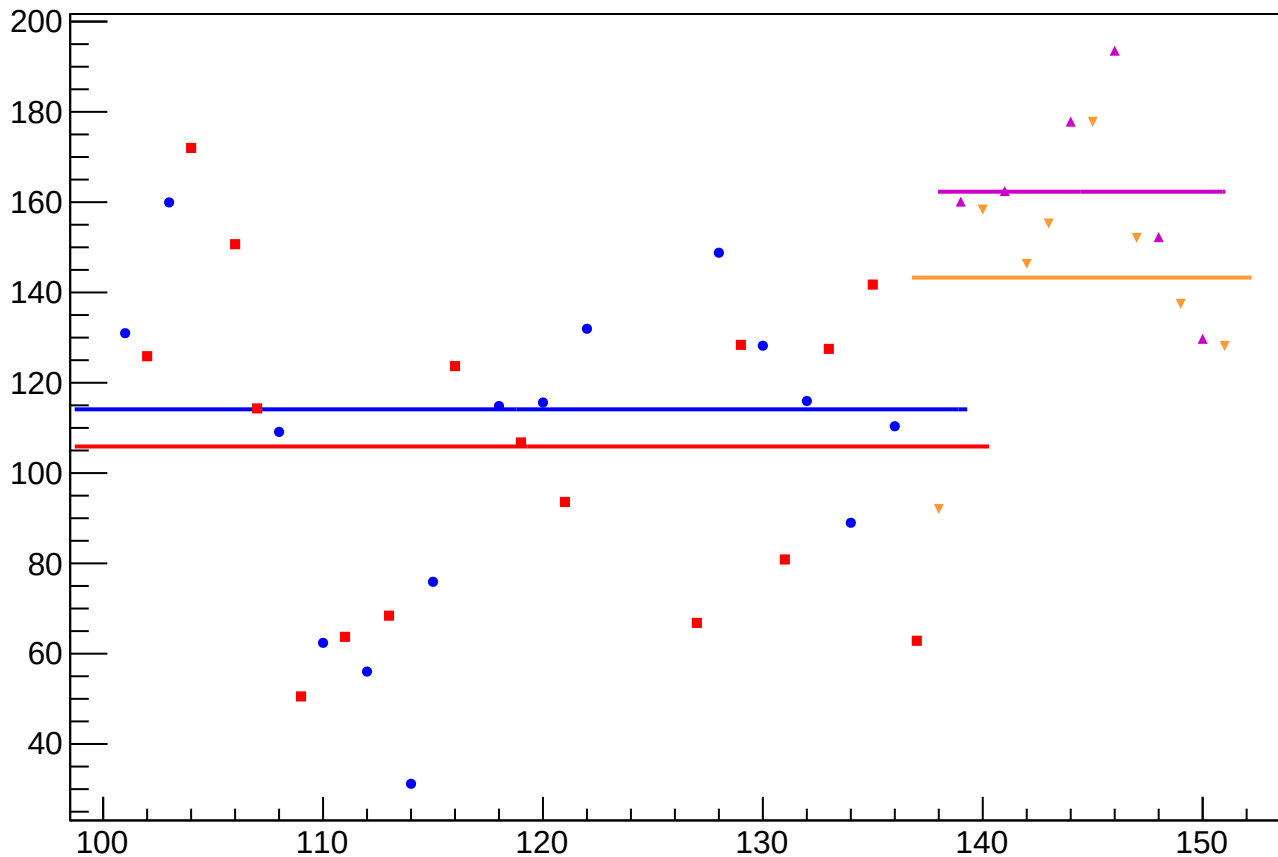
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -4986.498+/-0.000	χ^2/NDF : 490505402149497174067467512905816080384.0/7
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5712.009+/-0.000	χ^2/NDF : 347765579900926624894205630948308942848.0/5

+ sign -3060.089+/-0.000 χ^2/NDF : 5901574846196
 All: -3041.210+/-0.000 χ^2/NDF : 1366200373
 - sign -3021.339+/-0.000 χ^2/NDF : 77595202707573

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 143.296 $\pm$ 0.000 χ^2 /NDF: 356474254587140606455492015514714112.0/7

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

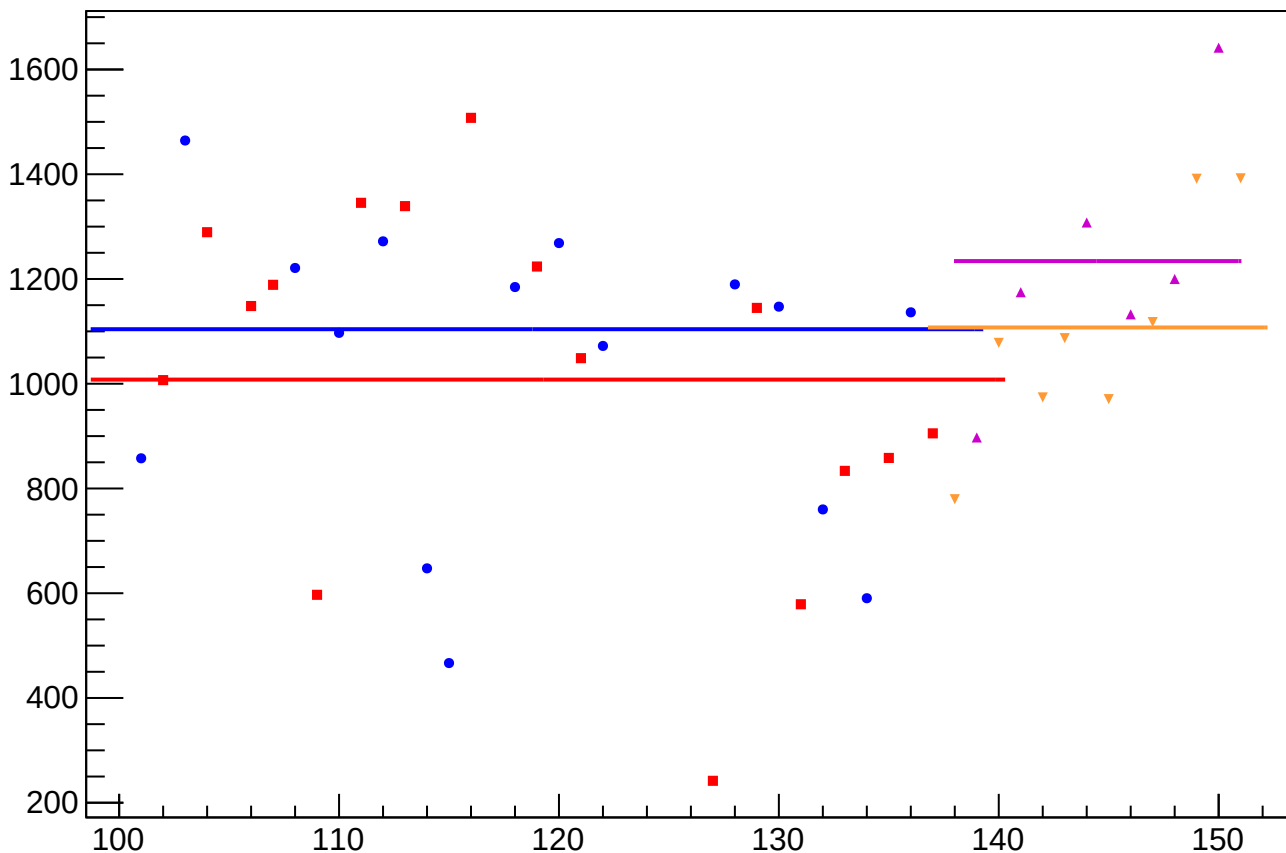
Left In: 162.318 $\pm$ 0.000 χ^2 /NDF: 207869064354807737428845777590943744.0/5

+ sign 128.049 $\pm$ 0.000 χ^2 /NDF: 122751601363285

All: 129.205 $\pm$ 0.000 χ^2 /NDF: 321398630543

- sign 130.422 $\pm$ 0.000 χ^2 /NDF: 198306470325545

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

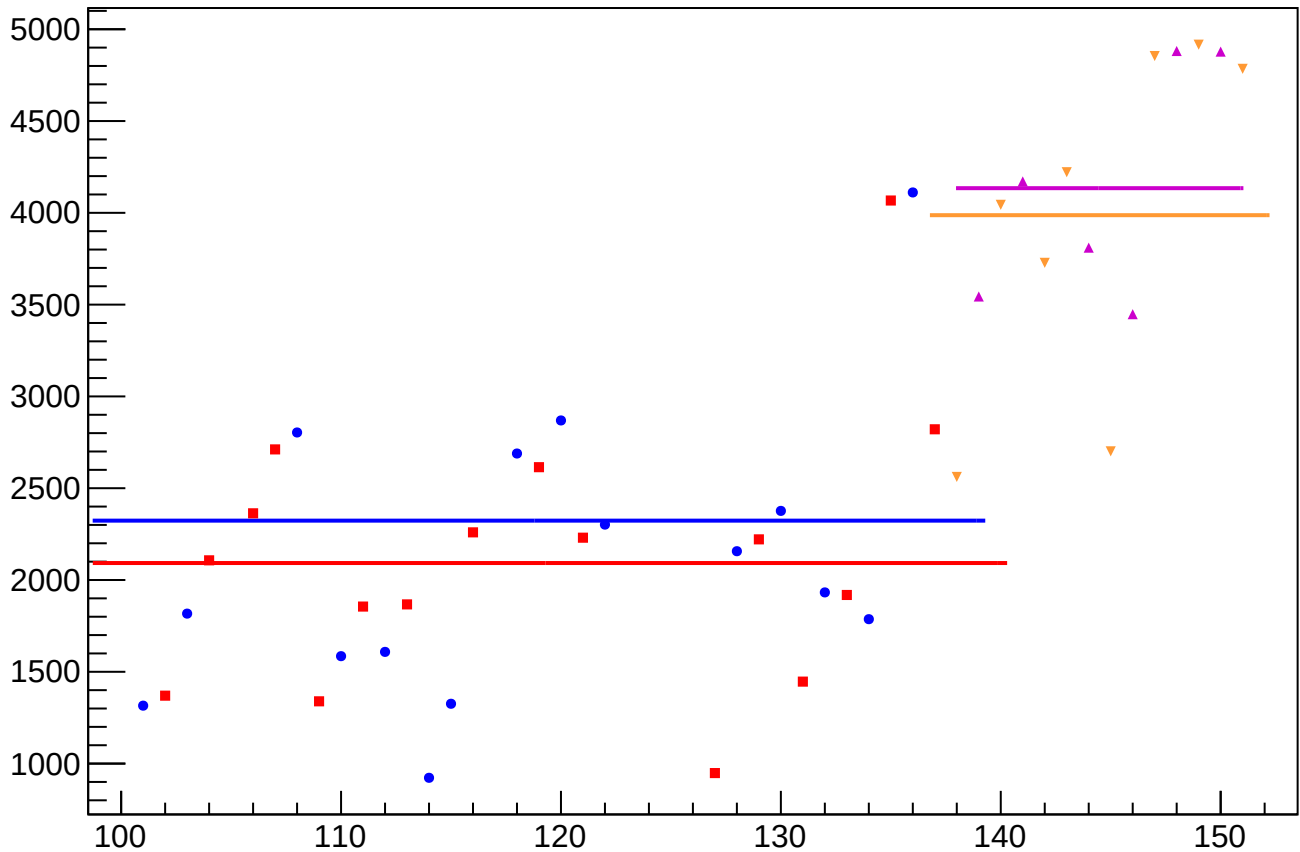
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

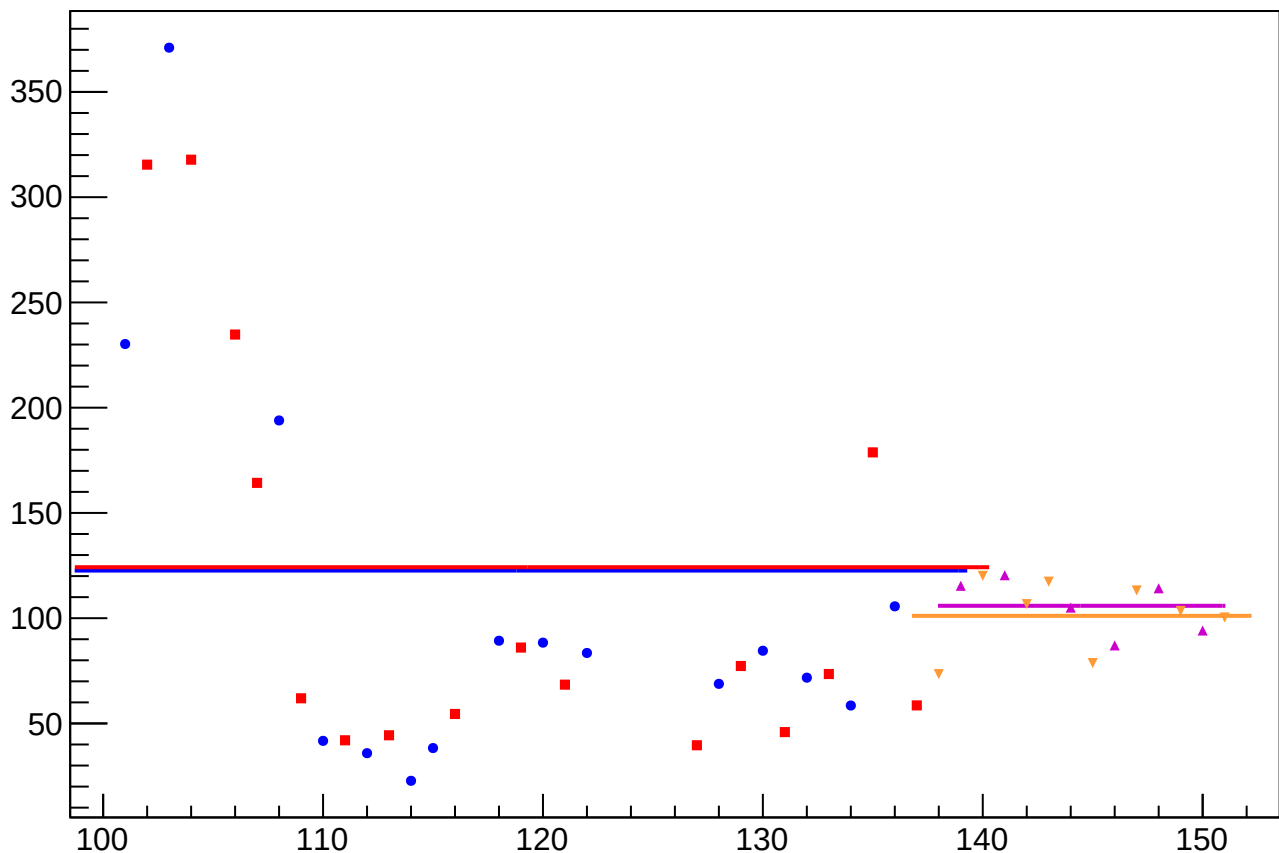
- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3117.767+/-0.000	χ^2/NDF : 18138008977341
Left Out: 3987.181+/-0.000	χ^2/NDF : 479632401773735459667763296831950290944.0/7	All: 3050.717+/-0.000	χ^2/NDF : 35753536243
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 2980.144+/-0.000	χ^2/NDF : 17500919584590
Left In: 4134.308+/-0.000	χ^2/NDF : 174014381916015783593825918764426723328.0/5		

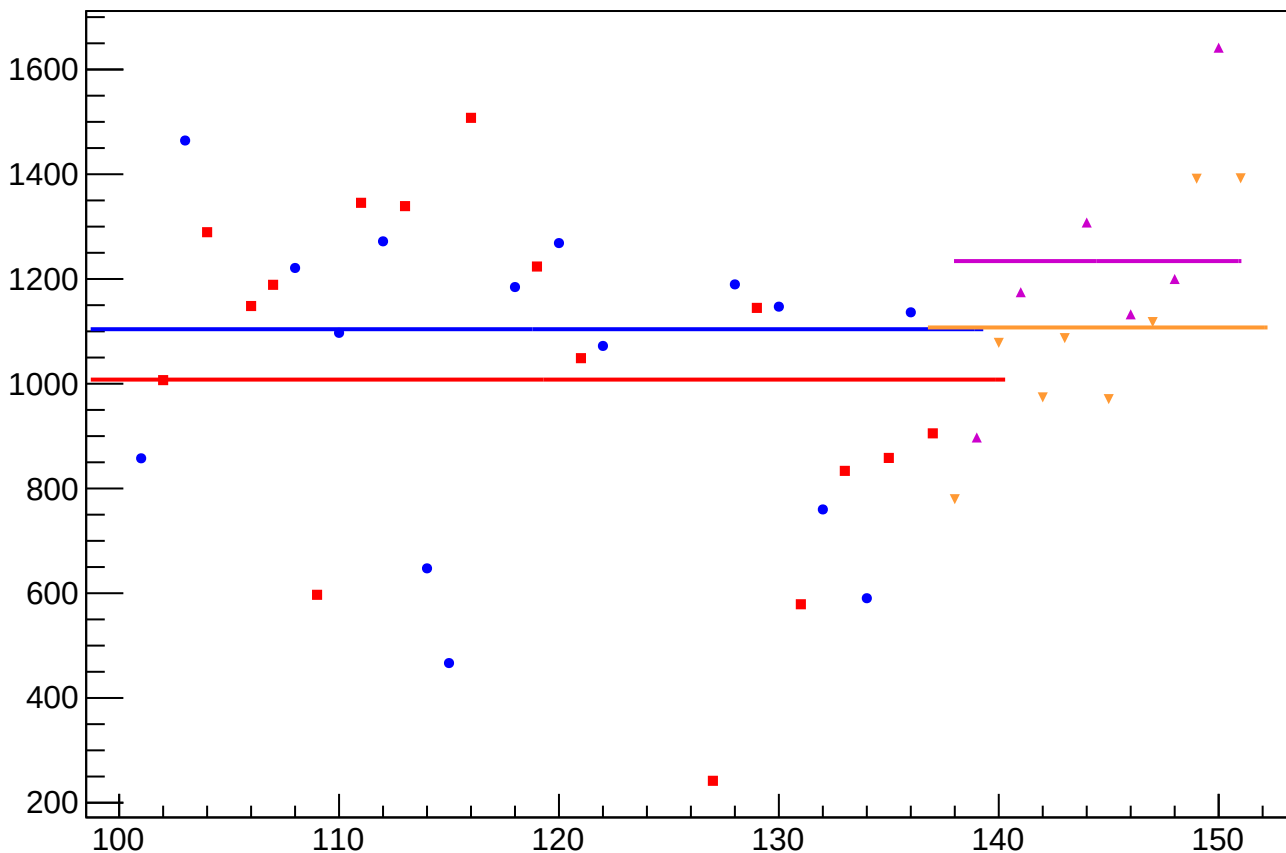
dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000	χ^2/NDF : 5937504661187691145903235842749497344.0/14
Left Out: 101.121+/-0.000	χ^2/NDF : 161159193817451342295005934886322176.0/7
Right Out: 124.216+/-0.000	χ^2/NDF : 6549627589629012958791202941129719808.0/15
Left In: 105.887+/-0.000	χ^2/NDF : 73027676674007713728788417979875328.0/5

+ sign 112.356+/-0.000 χ^2/NDF : 624191807612768
 All: 114.252+/-0.000 χ^2/NDF : 129711580356
 - sign 116.248+/-0.000 χ^2/NDF : 672007524477917

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

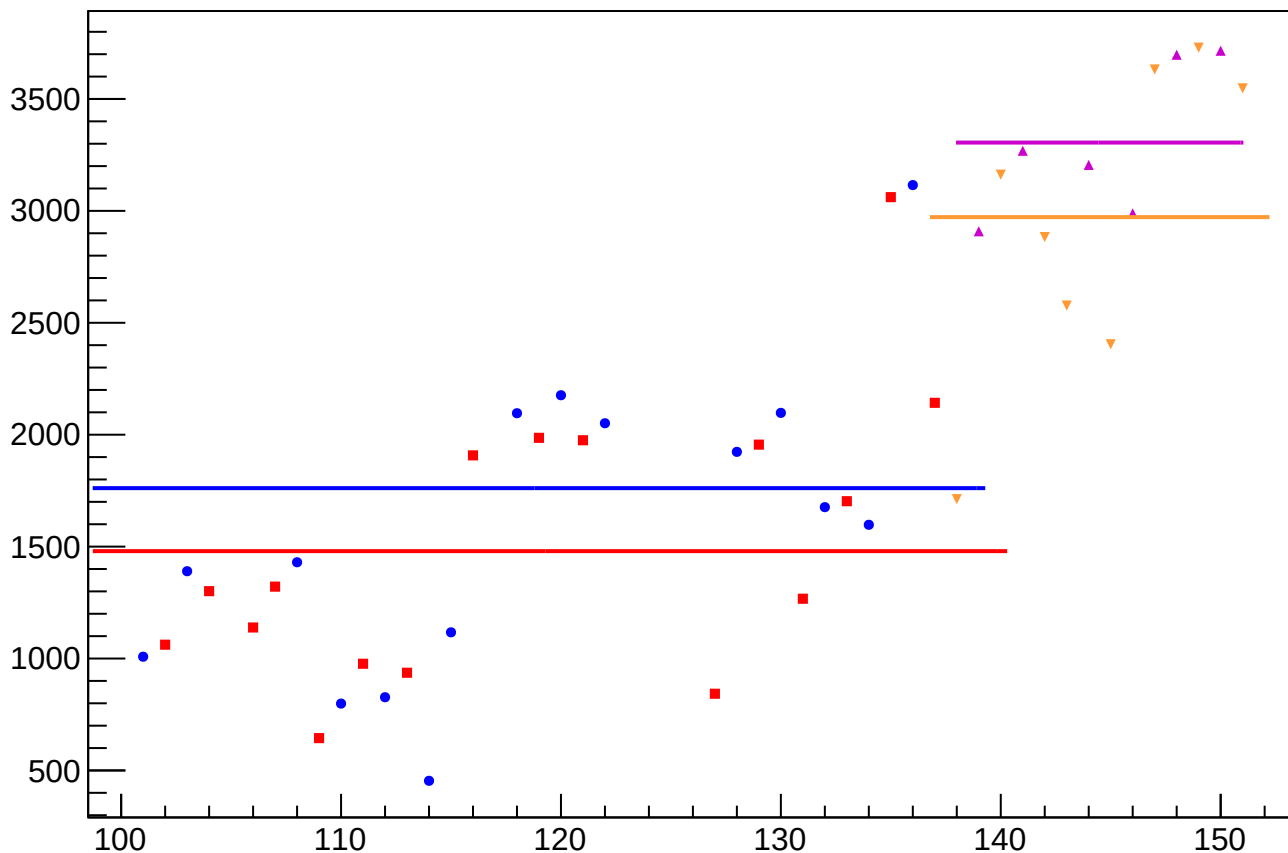
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 2972.176+/-0.000 χ^2/NDF : 271314157456939456883563298399992152064.0/7

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

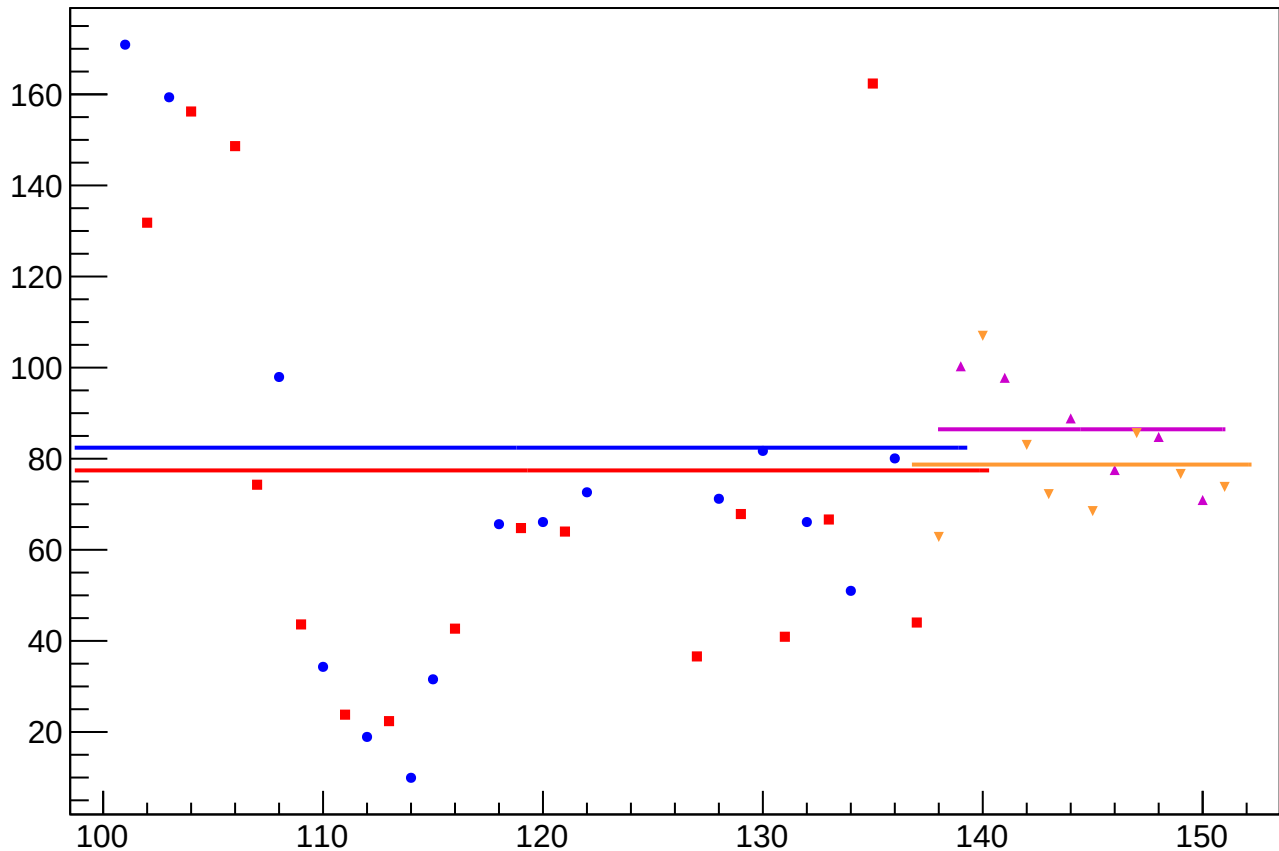
Left In: 3305.158+/-0.000 χ^2/NDF : 50272169728329996344741267396334977024.0/5

+ sign 2339.411+/-0.000 χ^2/NDF : 10578981624160

All: 2307.234+/-0.000 χ^2/NDF : 23404552282

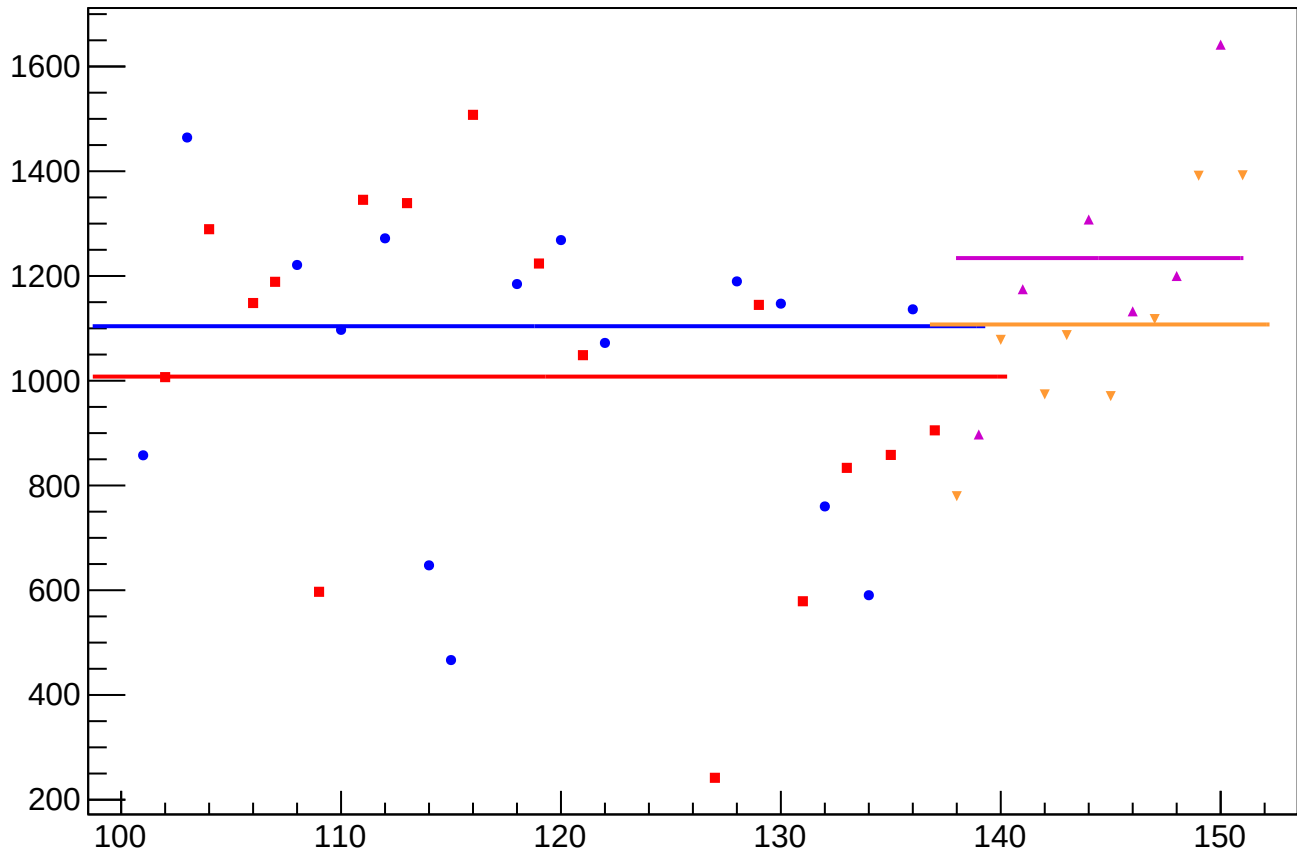
- sign 2273.367+/-0.000 χ^2/NDF : 12799177507318

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000	χ^2/NDF : 1263633347129443757477527241185296384.0/14	+ sign 80.653+/-0.000	χ^2/NDF : 1371191889543640
Left Out: 78.716+/-0.000	χ^2/NDF : 103302644952464149676026513313497088.0/7	All: 80.995+/-0.000	χ^2/NDF : 2966268173291
Right Out: 77.430+/-0.000	χ^2/NDF : 1515456409368458038568290276111024128.0/15	- sign 81.355+/-0.000	χ^2/NDF : 1594777703847032
Left In: 86.458+/-0.000	χ^2/NDF : 55684694281447218886412565087256576.0/5		

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

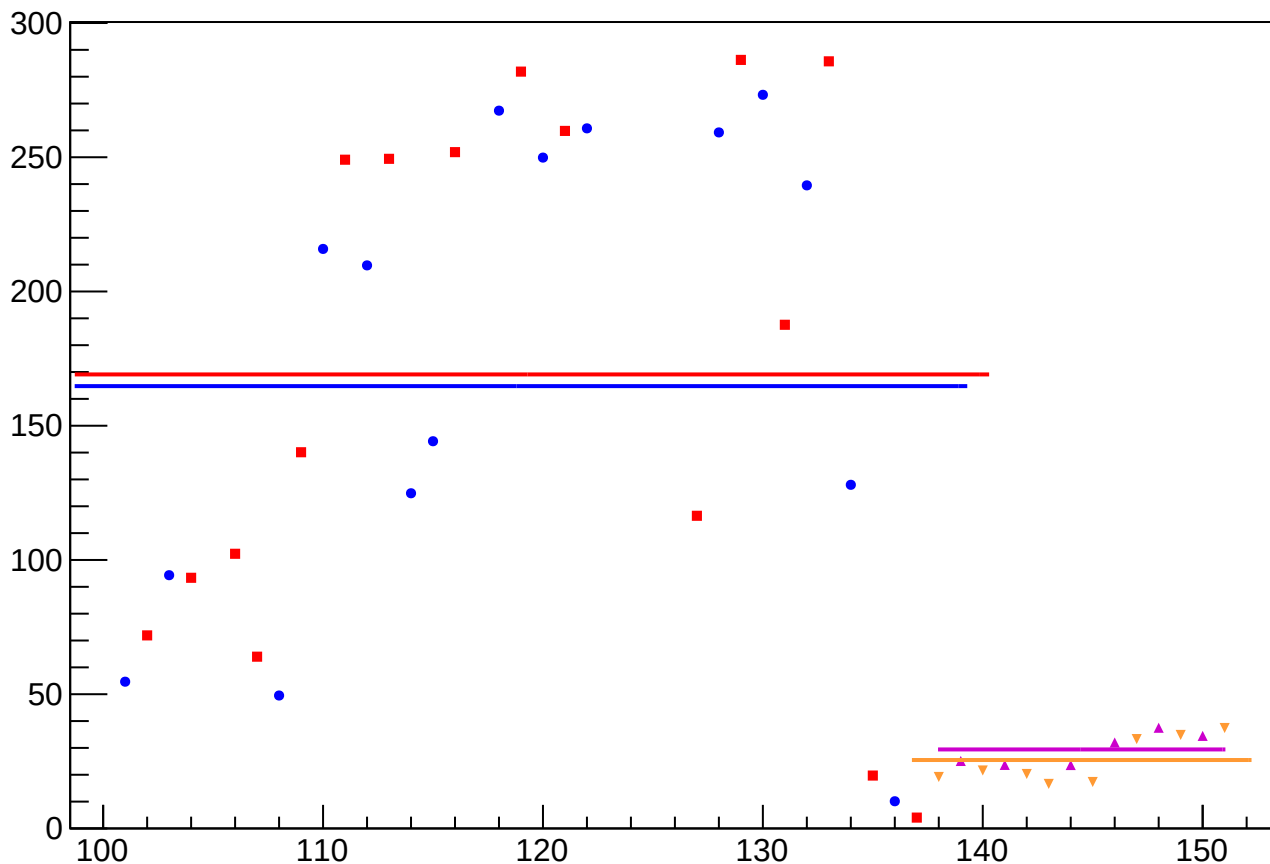
Left In: 1234.187+/-0.000 χ^2/NDF : 26036000559979450515534894813142843392.0/5

+ sign 1105.701+/-0.000 χ^2/NDF : 56593370730471

All: 1105.983+/-0.000 χ^2/NDF : 1665551673

- sign 1106.281+/-0.000 χ^2/NDF : 10996159363698

dit_4aX_coil7_mean vs Slug



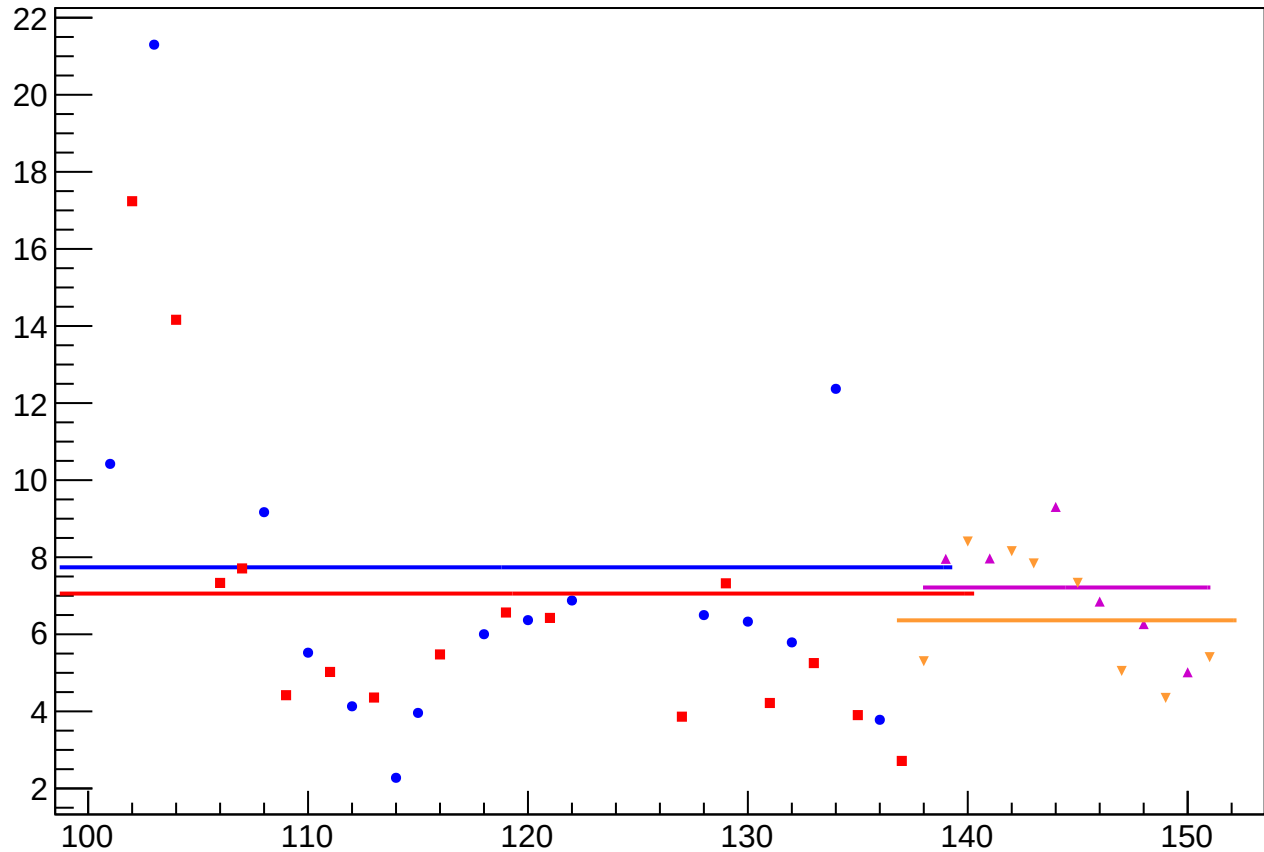
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 25.491+/-0.000 χ^2/NDF : 39343759419918696077936822220488704.0/7

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 29.429+/-0.000 χ^2/NDF : 15669576822540548252688937098674176.0/5

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14

Left Out: 6.362 $\pm$ 0.000 χ^2 /NDF: 1347145332562254846957252438392832.0/7

Right Out: 7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15

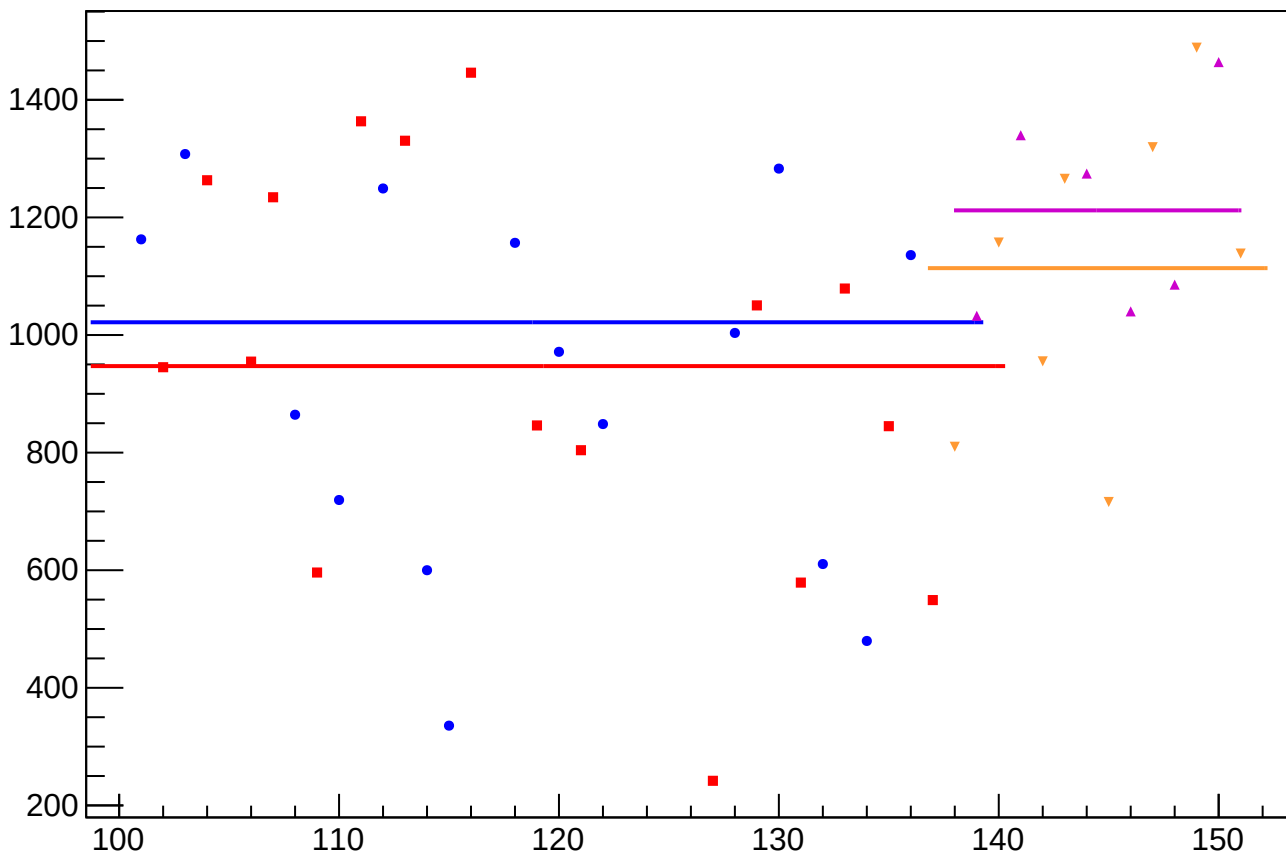
Left In: 7.215 $\pm$ 0.000 χ^2 /NDF: 1009321353040850065056192895385600.0/5

+ sign 7.081 $\pm$ 0.000 χ^2 /NDF: 17061046591906282

All: 7.103 $\pm$ 0.000 χ^2 /NDF: 29371230061797

- sign 7.126 $\pm$ 0.000 χ^2 /NDF: 12309000040748858

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

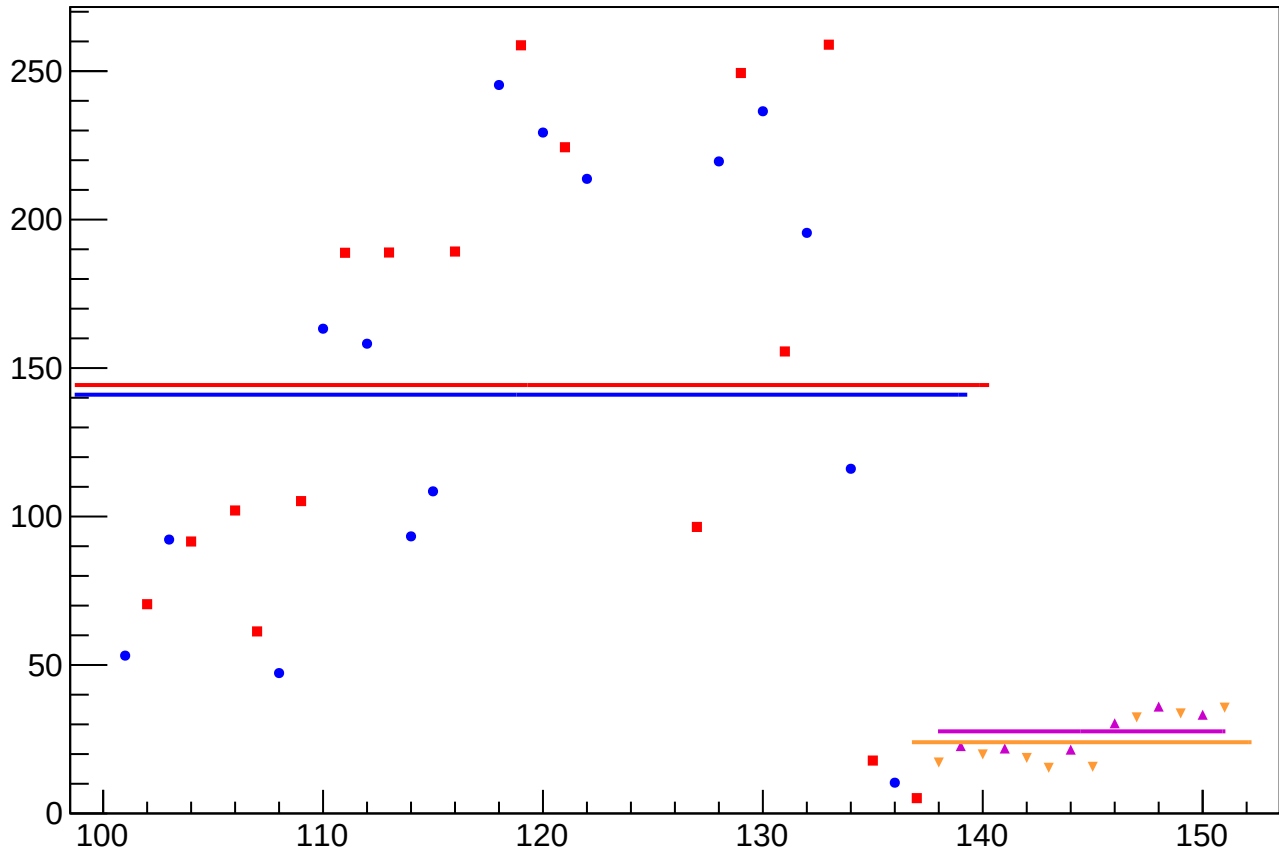
Left In: 1211.994+/-0.000 χ^2/NDF : 13916433354967532661052491011247308800.0/5

+ sign 1065.638+/-0.000 χ^2/NDF : 81143120667845

All: 1064.006+/-0.000 χ^2/NDF : 18319128739

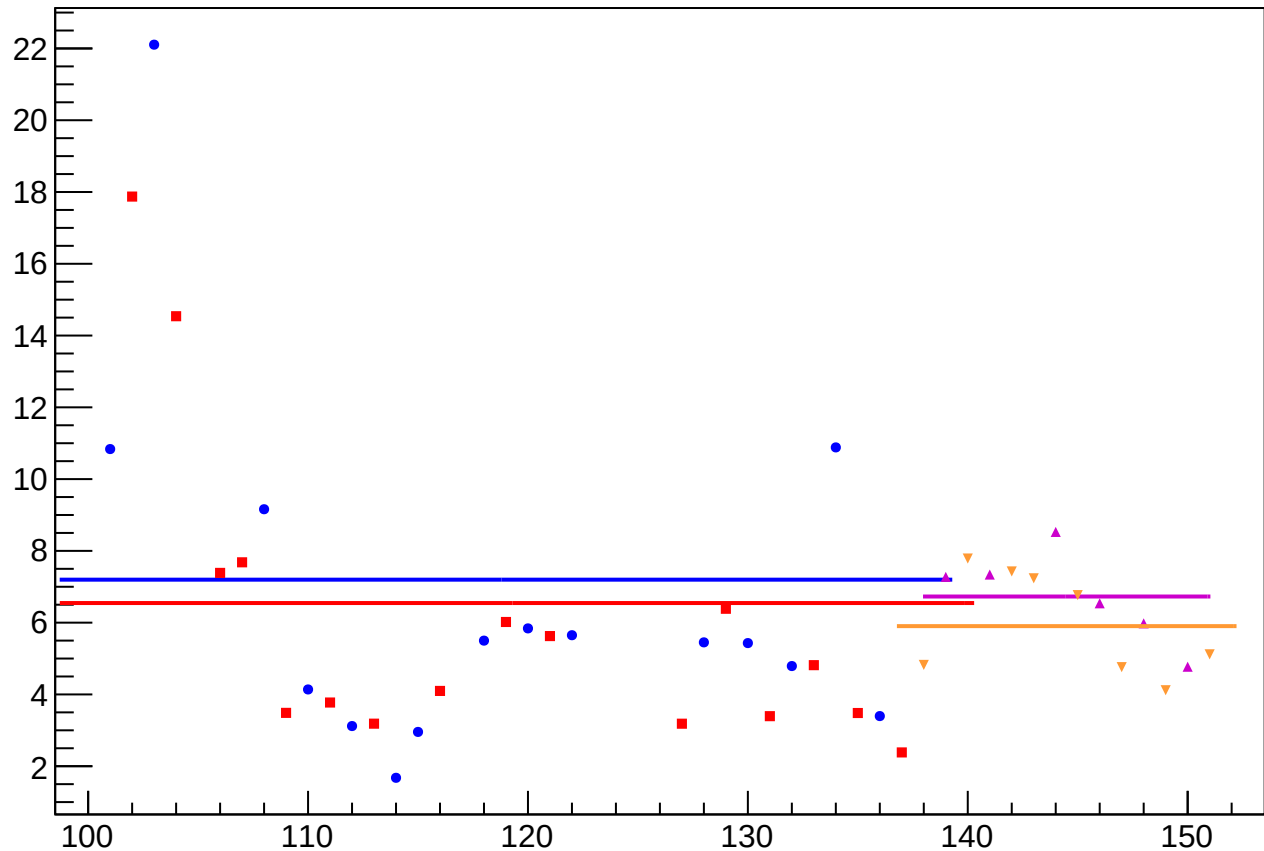
- sign 1062.287+/-0.000 χ^2/NDF : 10204137110021

dit_4eX_coil7_mean vs Slug



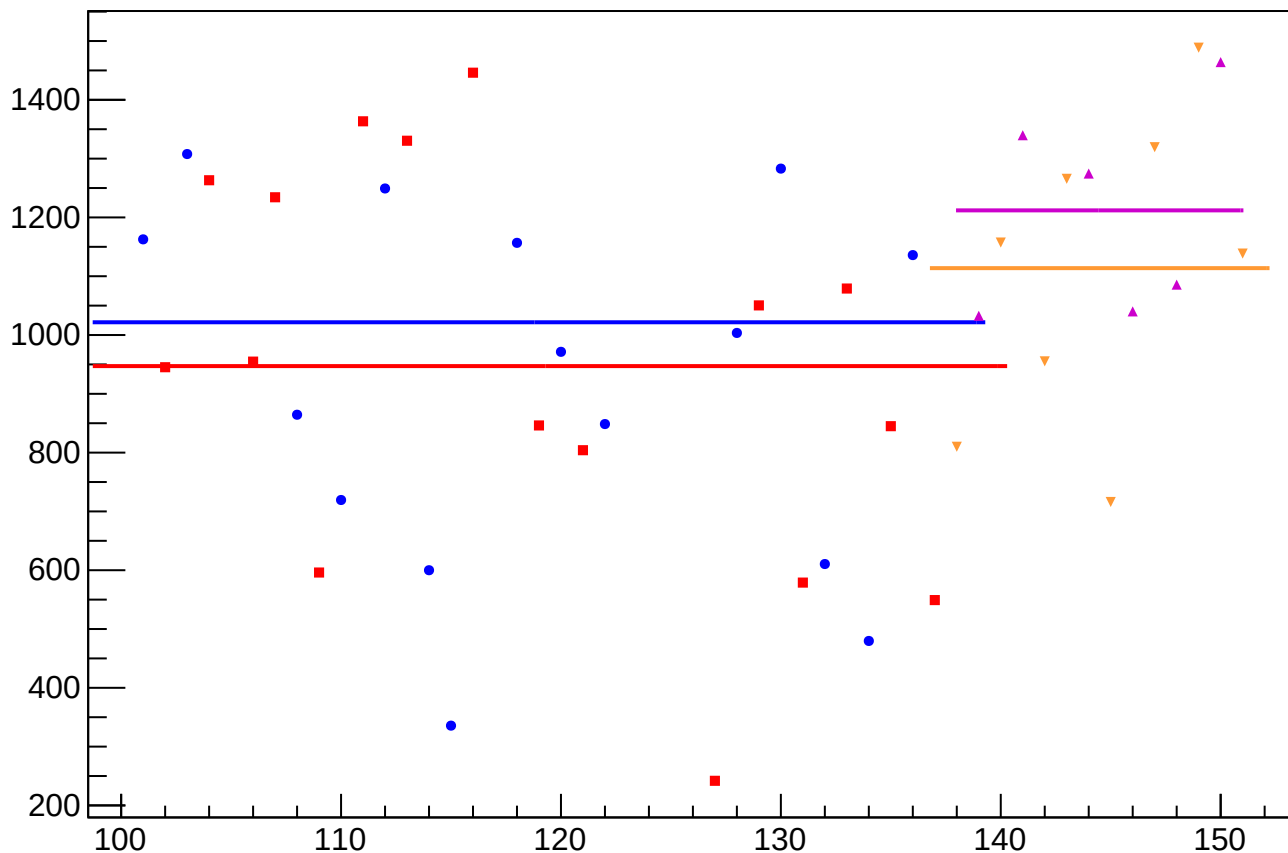
Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14
 Left Out: 23.991+/-0.000 χ^2/NDF : 40631289667109008251624656975429632.0/7
 Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15
 Left In: 27.648+/-0.000 χ^2/NDF : 17500846913482157481435821949059072.0/5
 All: 89.255+/-0.000 χ^2/NDF : 1706696447155
 + sign 85.150+/-0.000 χ^2/NDF : 87933972816444590
 - sign 93.576+/-0.000 χ^2/NDF : 8230599937596343

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198 $\pm$ 0.000 χ^2 /NDF: 18212640728502785337831966963138560.0/14
 Left Out: 5.903 $\pm$ 0.000 χ^2 /NDF: 1085872150104137421760519154434048.0/7
 Right Out: 6.547 $\pm$ 0.000 χ^2 /NDF: 14078912505116068936230809834094592.0/15
 Left In: 6.728 $\pm$ 0.000 χ^2 /NDF: 742708444679426859175632875552768.0/5

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

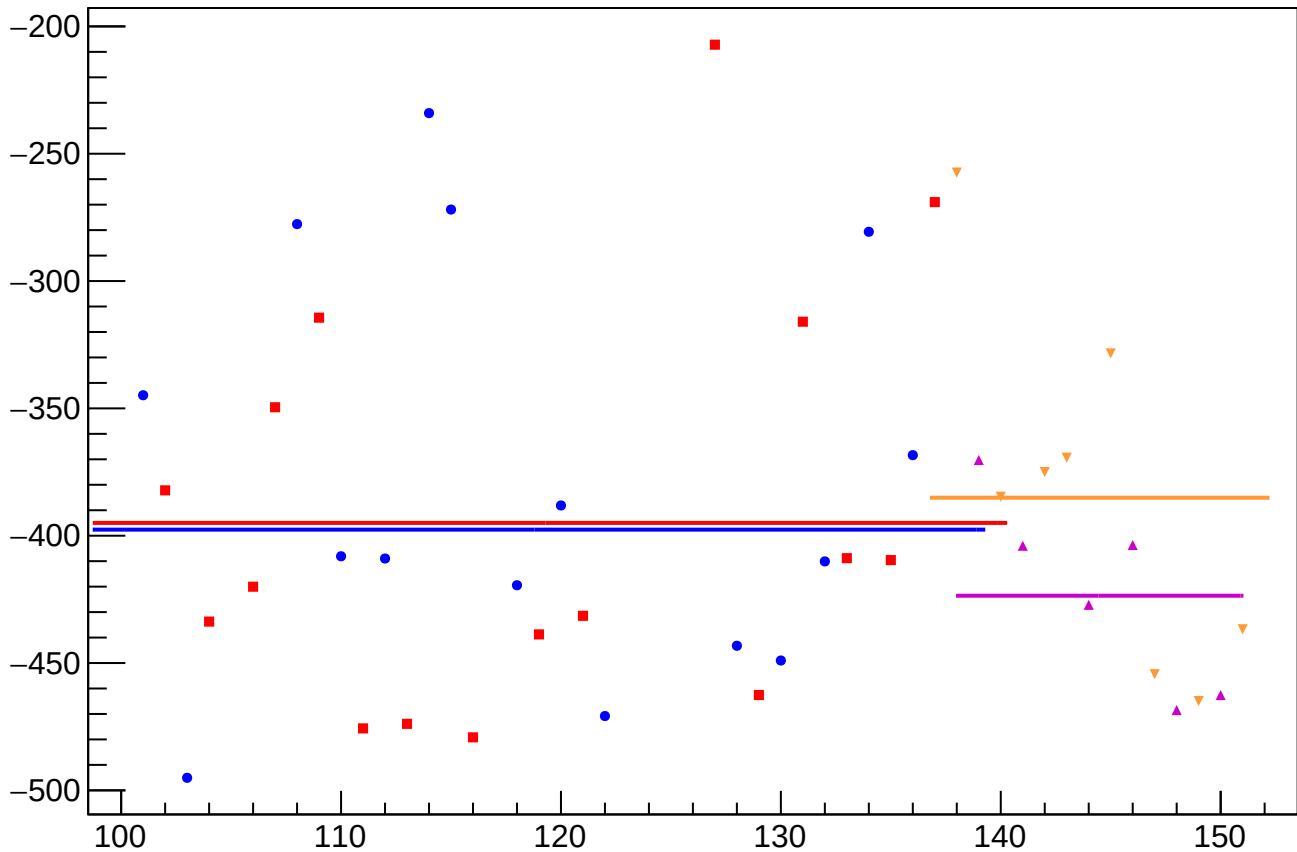
Left In: 1211.994+/-0.000 χ^2/NDF : 13916433354967532661052491011247308800.0/5

+ sign 1065.638+/-0.000 χ^2/NDF : 81143120667845

All: 1064.006+/-0.000 χ^2/NDF : 18319128739

- sign 1062.287+/-0.000 χ^2/NDF : 10204137110021

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -385.071+/-0.000 χ^2/NDF : 2668402786947464236604722198859481088.0/7

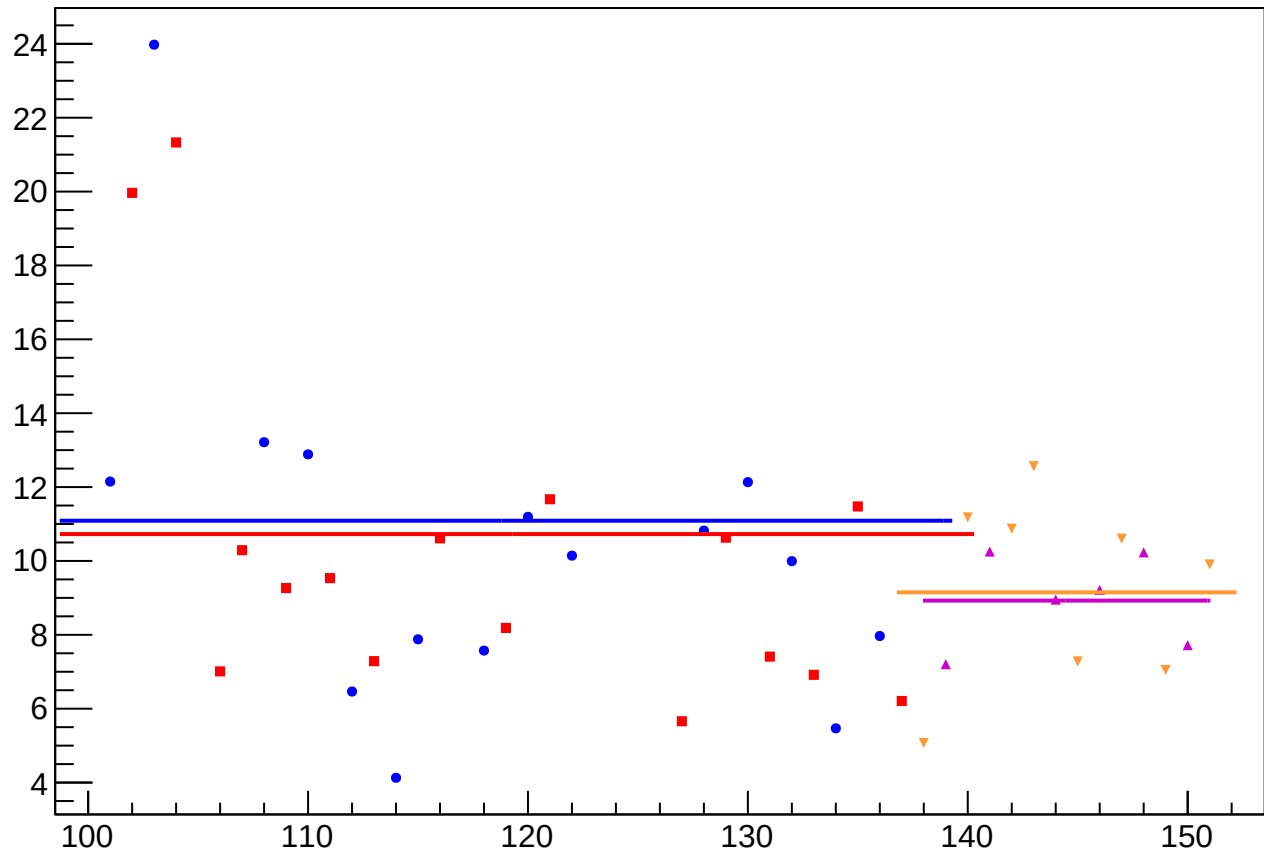
Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

Left In: -423.568+/-0.000 χ^2/NDF : 604749236921033620667026844569042944.0/5

All: -399.313+/-0.000 χ^2/NDF : 10056542608

- sign -407.404+/-0.000 χ^2/NDF : 45274506128524

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 9.149+/-0.000 χ^2/NDF : 3416792994354536167775977343025152.0/7

Right Out: 10.728+/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

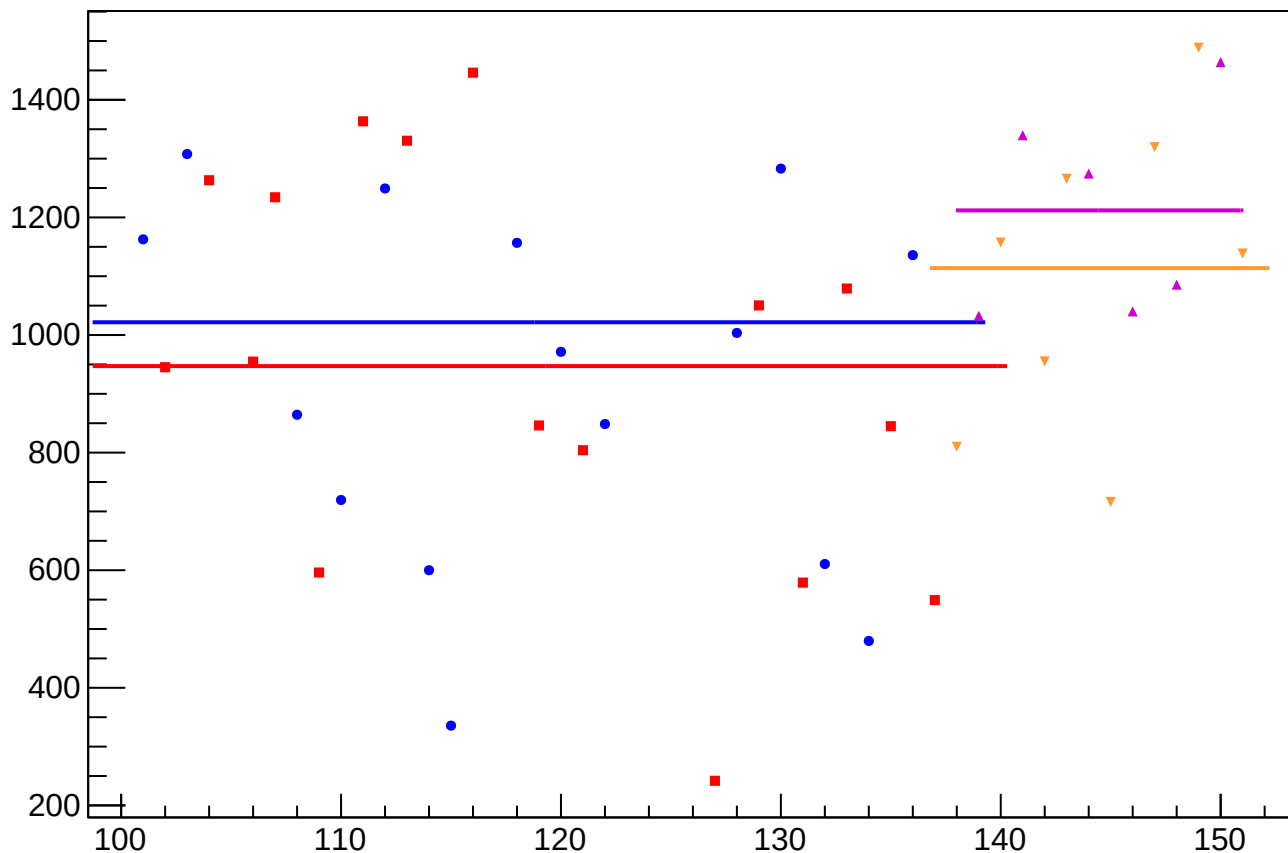
Left In: 8.926+/-0.000 χ^2/NDF : 672374873990912415006866146328576.0/5

+ sign 10.163+/-0.000 χ^2/NDF : 1881841979208340

All: 10.056+/-0.000 χ^2/NDF : 3522761638898

- sign 9.945+/-0.000 χ^2/NDF : 16380375638796562

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

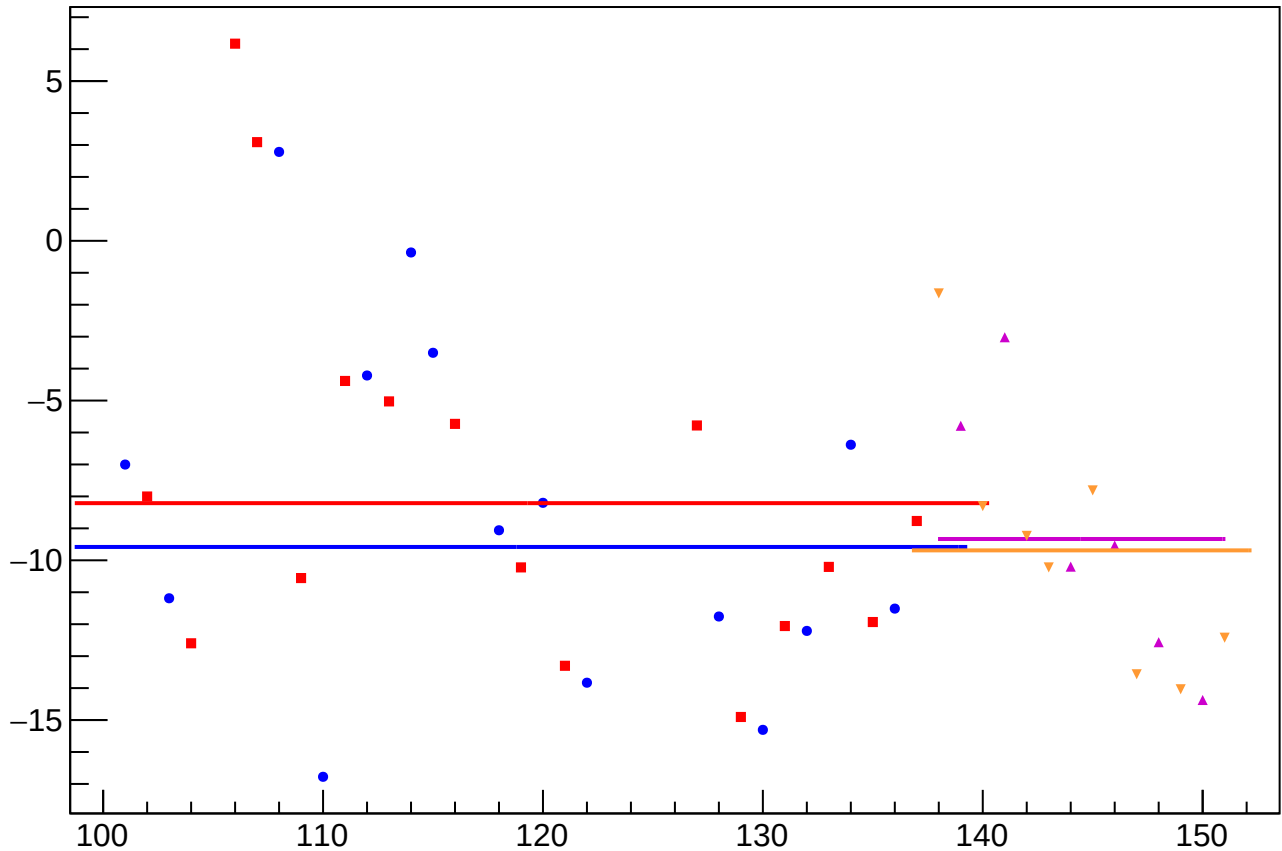
Left In: 1211.994+/-0.000 χ^2/NDF : 13916433354967532661052491011247308800.0/5

+ sign 1065.638+/-0.000 χ^2/NDF : 81143120667845

All: 1064.006+/-0.000 χ^2/NDF : 18319128739

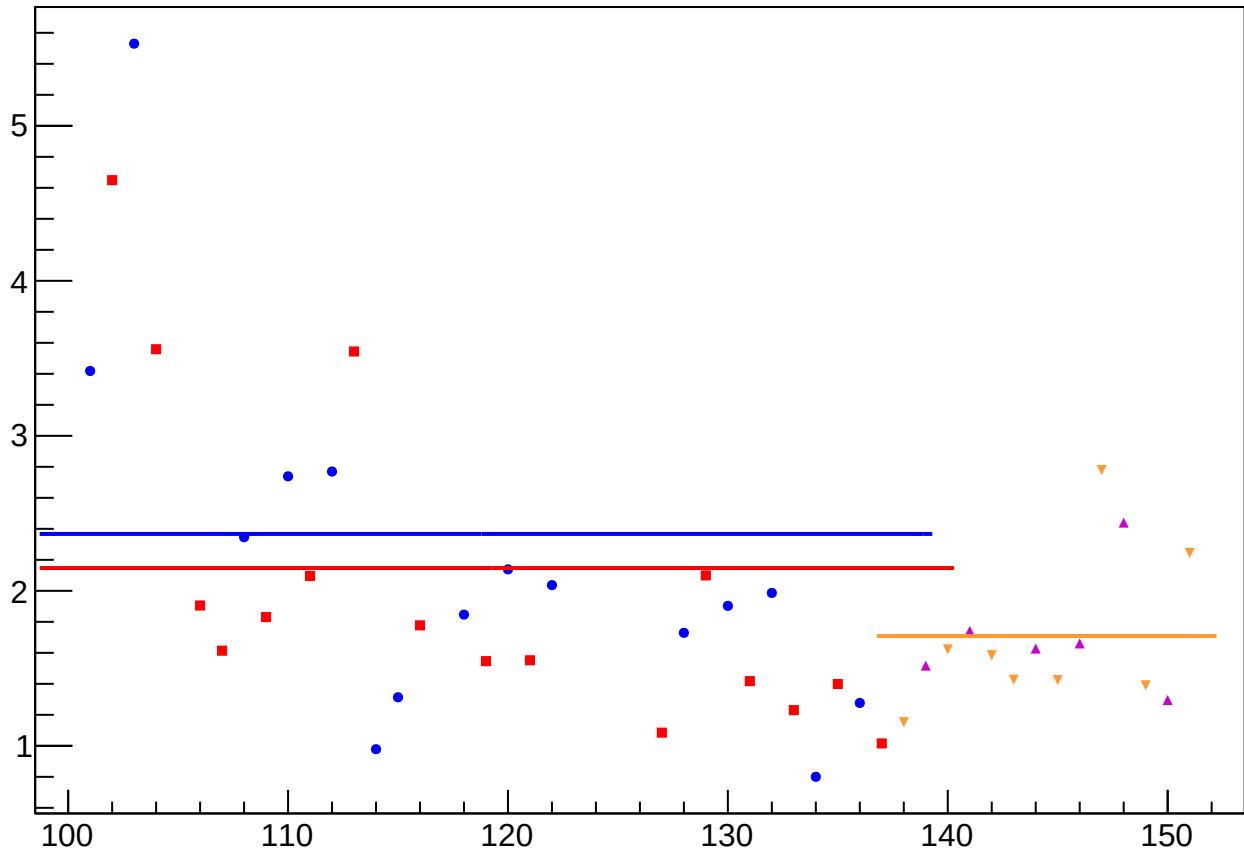
- sign 1062.287+/-0.000 χ^2/NDF : 10204137110021

dit_4aY_coil7_mean vs Slug



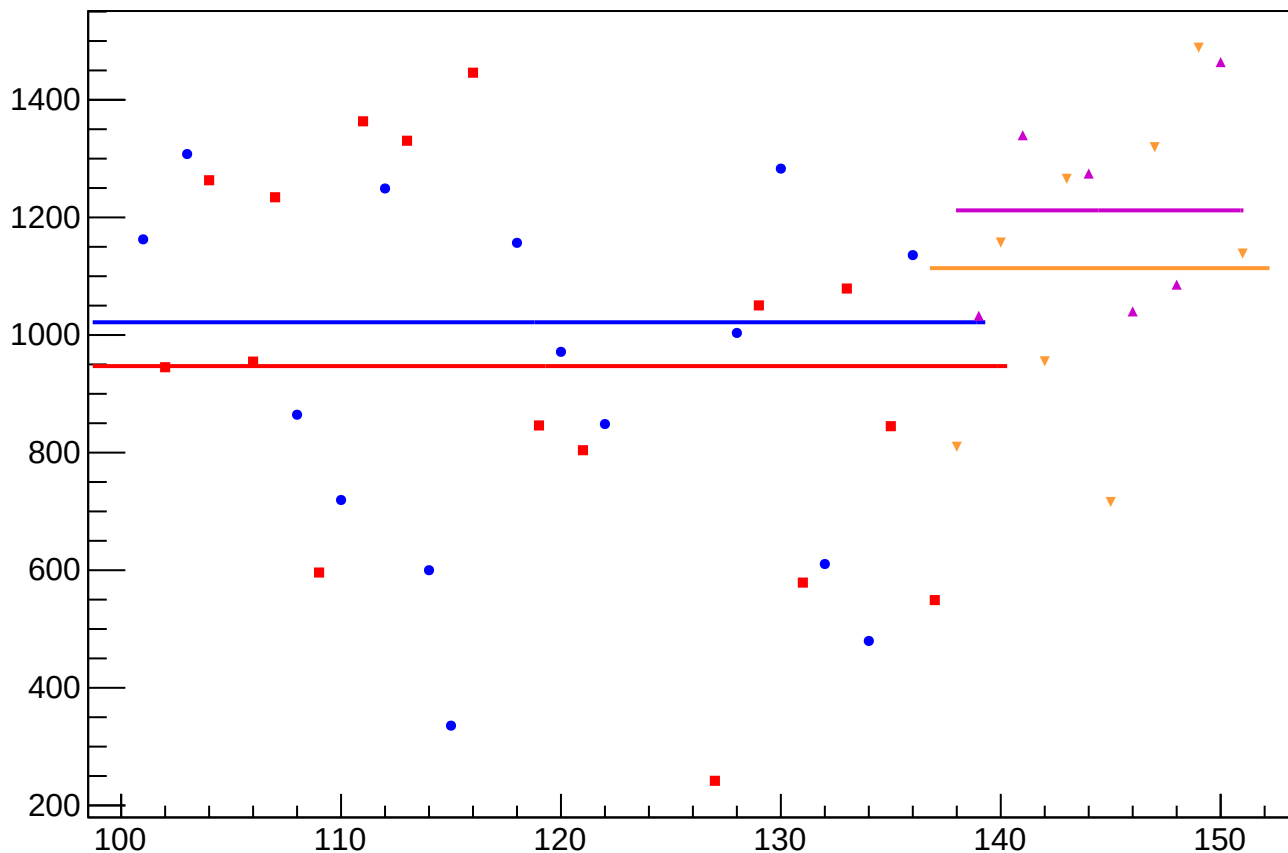
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$
 Left Out: -9.689 ± 0.000 $\chi^2/\text{NDF}: 8853883990764084924095167268388864.0/7$
 Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$
 Left In: -9.333 ± 0.000 $\chi^2/\text{NDF}: 7664359767741614844259060273905664.0/5$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000	χ^2/NDF : 920633294546152876922066767446016.0/14	+ sign 2.053+/-0.000	χ^2/NDF : 12123147530686388
Left Out: 1.708+/-0.000	χ^2/NDF : 157260513147707339976165218582528.0/7	All: 2.006+/-0.000	χ^2/NDF : 21021332153998
Right Out: 2.147+/-0.000	χ^2/NDF : 764171992480224478656127555338240.0/15	- sign 1.956+/-0.000	χ^2/NDF : 88423734692361569
Left In: 1.709+/-0.000	χ^2/NDF : 64307630154577801666741265235968.0/5		

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1113.744 $\pm$ 0.000 χ^2 /NDF: 38023893801940446731487834354860687360.0/7

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

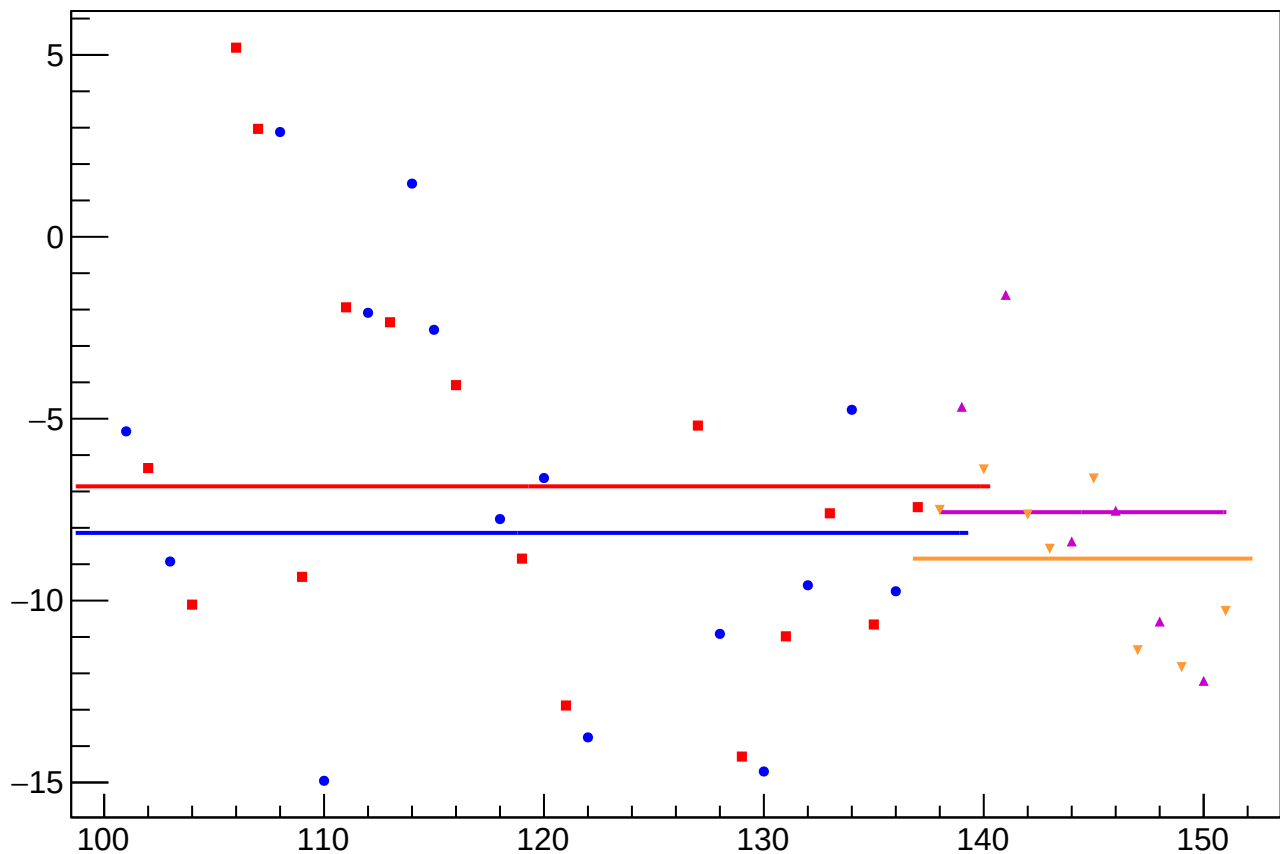
Left In: 1211.994 $\pm$ 0.000 χ^2 /NDF: 13916433354967532661052491011247308800.0/5

+ sign 1065.638 $\pm$ 0.000 χ^2 /NDF: 81143120667845

All: 1064.006 $\pm$ 0.000 χ^2 /NDF: 18319128739

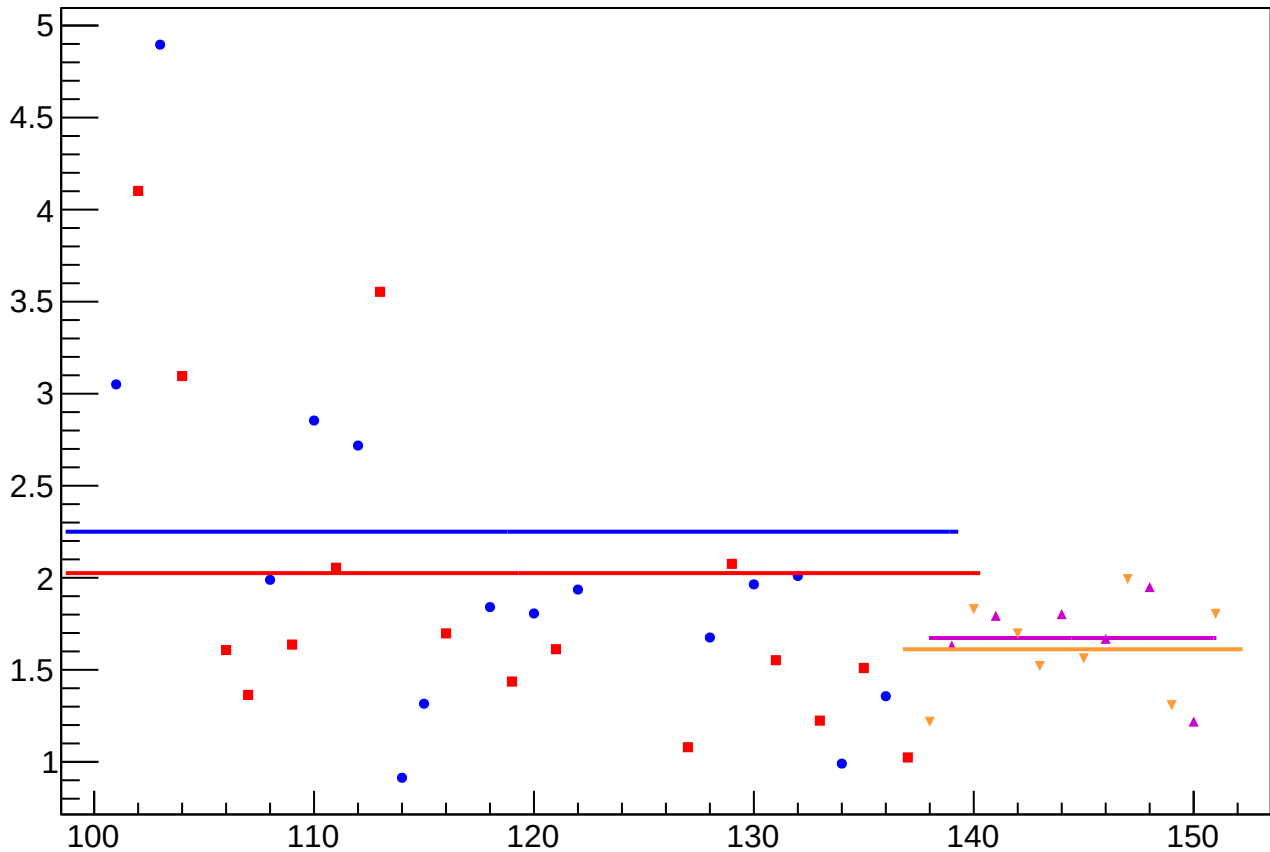
- sign 1062.287 $\pm$ 0.000 χ^2 /NDF: 10204137110021

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14
 Left Out: -8.476 ± 0.000 χ^2/NDF : 1733226526220651
 Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15
 Left In: -7.569 ± 0.000 χ^2/NDF : 6486377370502820092095589674647552.0/5

dit_4eY_coil7_err_mean vs Slug



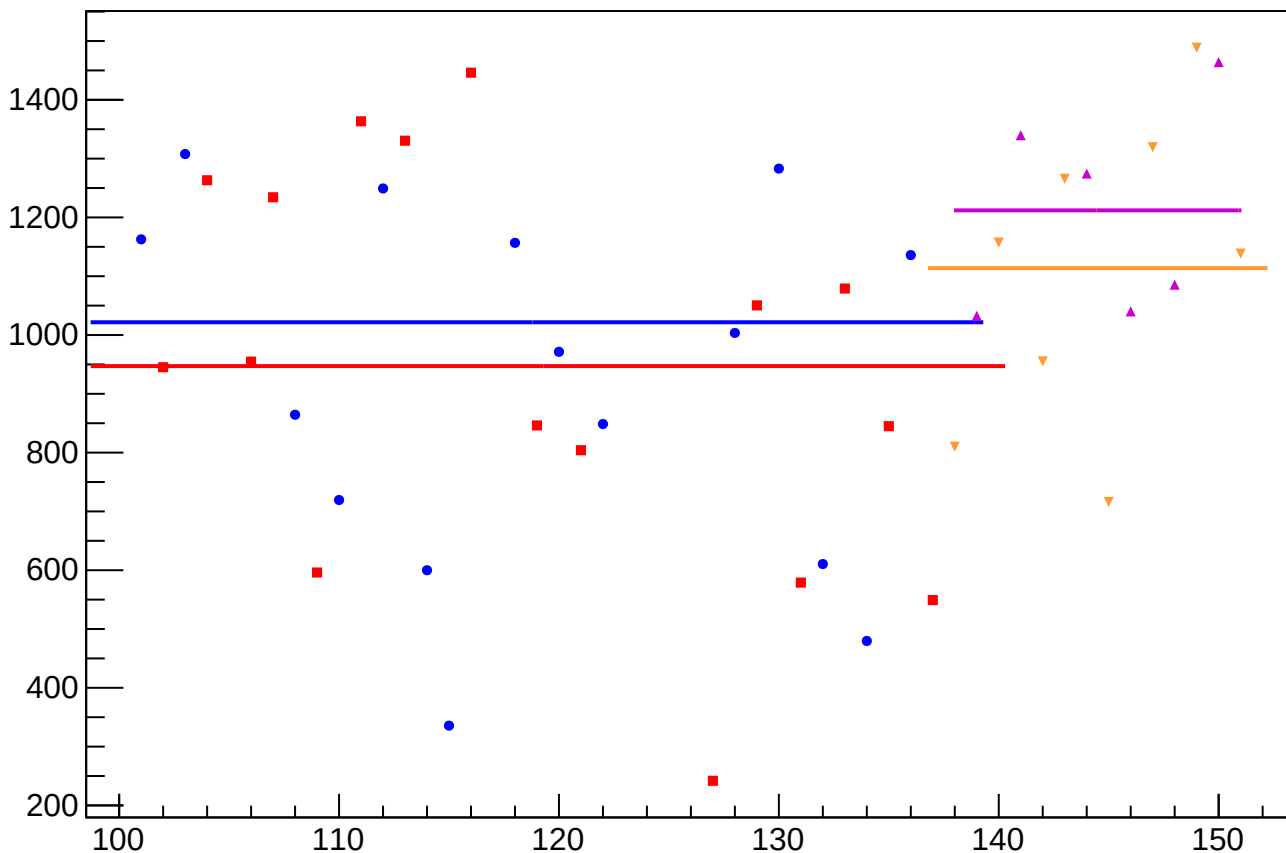
Right In: 2.250 $\pm$ 0.000 χ^2 /NDF: 656774588136274816295442701090816.0/14

Left Out: 1.612 $\pm$ 0.000 χ^2 /NDF: 39030215072574265738916245012480.0/7

Right Out: 2.025 $\pm$ 0.000 χ^2 /NDF: 578717441762956454616505599918080.0/15

Left In: 1.673 $\pm$ 0.000 χ^2 /NDF: 28068087108370949949801870917632.0/5

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

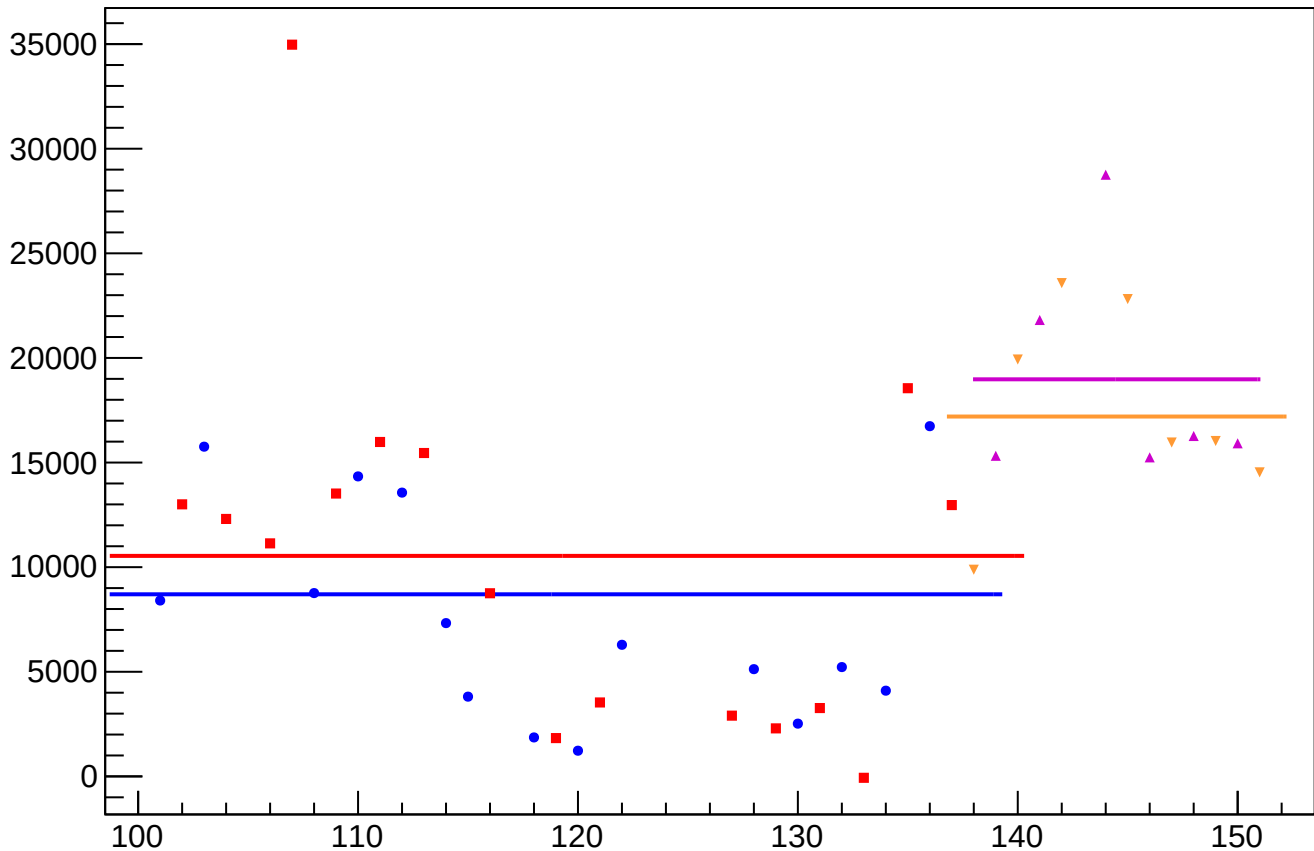
Left In: 1211.994+/-0.000 χ^2/NDF : 13916433354967532661052491011247308800.0/5

+ sign 1065.638+/-0.000 χ^2/NDF : 81143120667845

All: 1064.006+/-0.000 χ^2/NDF : 18319128739

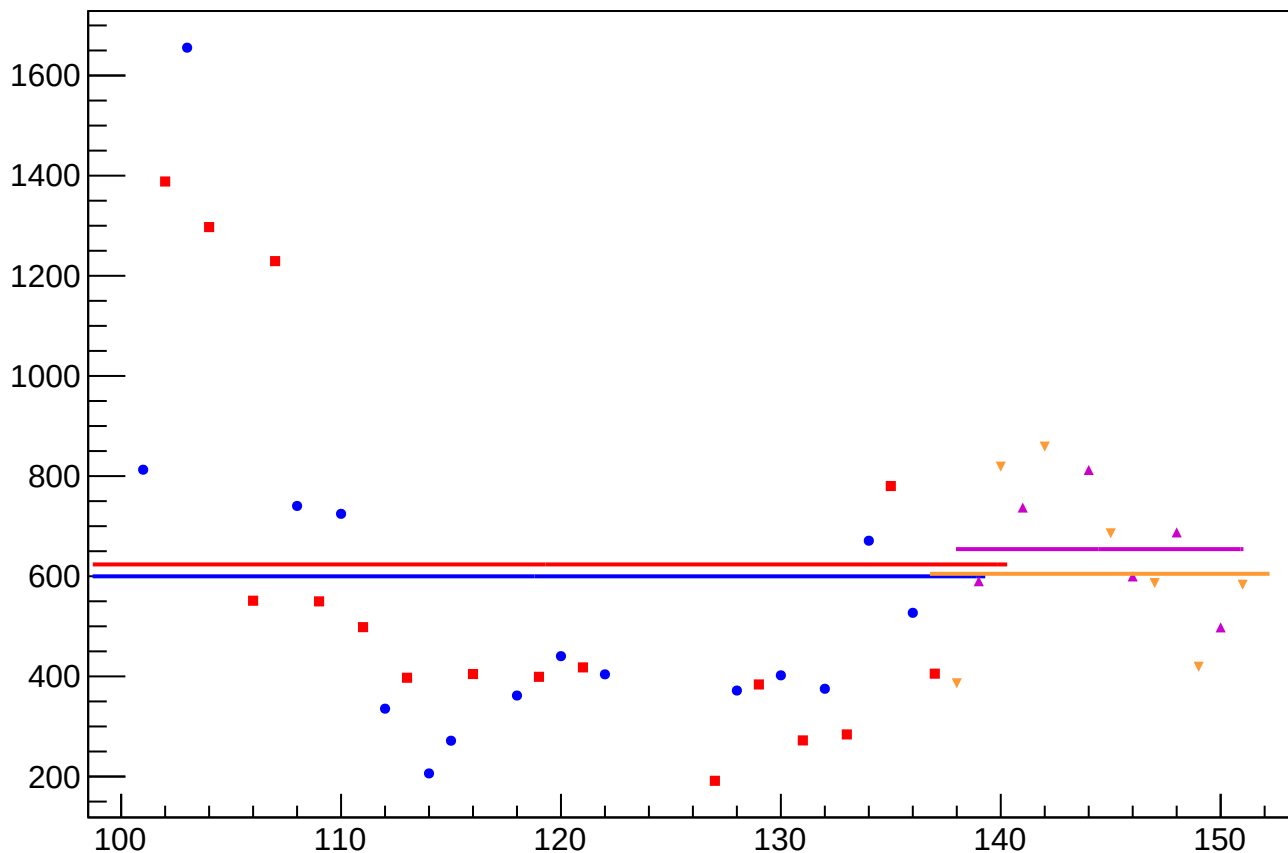
- sign 1062.287+/-0.000 χ^2/NDF : 10204137110021

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 17199.374+/-0.000 χ^2/NDF : 9997038504784365086278350122574529167360.0/6
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 18978.336+/-0.000 χ^2/NDF : 12898021199164316638727044344737196670976.0/5

dit_usl_coil7_err_mean vs Slug



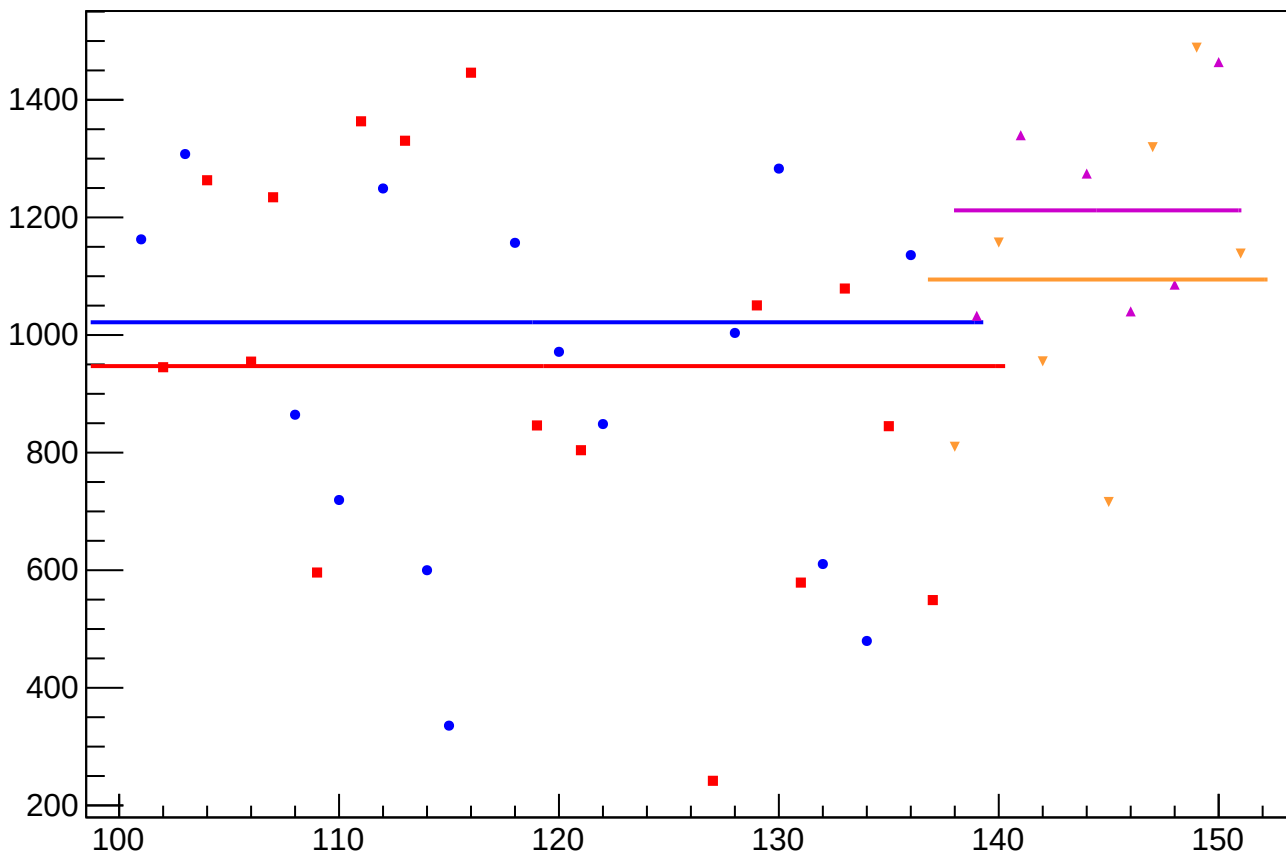
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 604.862+/-0.000 χ^2/NDF : 13942259997550518604849728331762892800.0/6

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: 654.161+/-0.000 χ^2/NDF : 5705577400215505114873222352267640832.0/5

dit_usl_coil7_Ndata_mean vs Slug



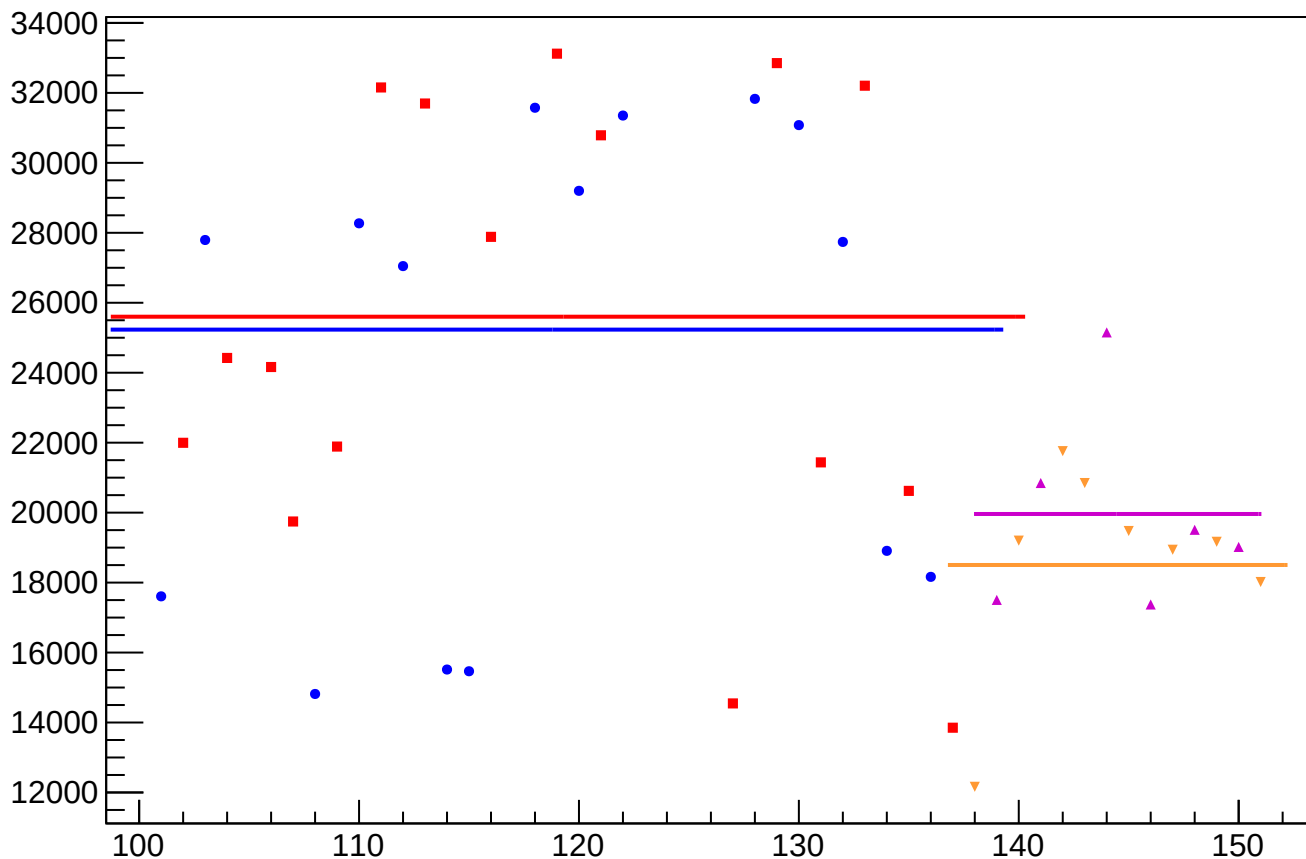
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1094.392 $\pm$ 0.000 χ^2 /NDF: 36280404862467906743583133552670146560.0/6

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

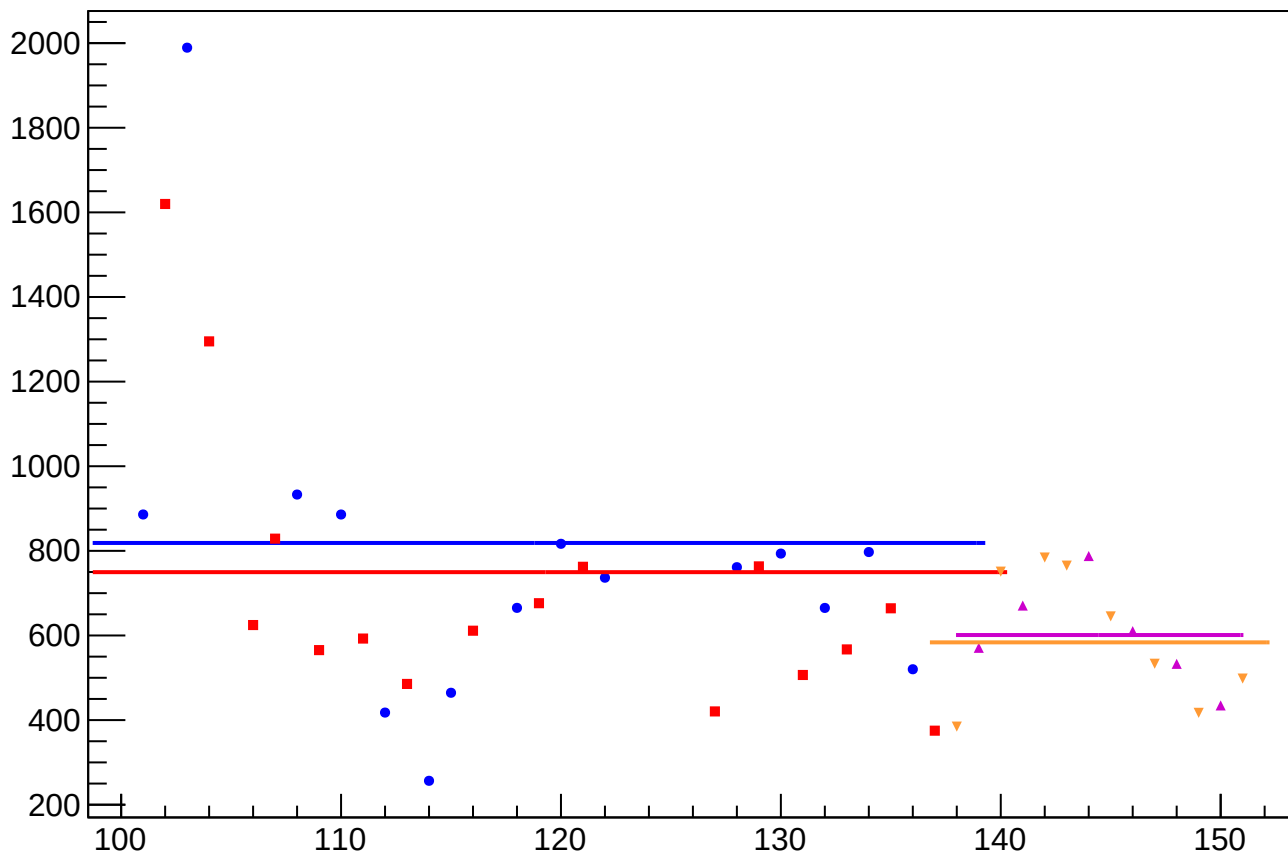
Left In: 1211.994 $\pm$ 0.000 χ^2 /NDF: 1391643354967532661052491011247308800.0/5

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18503.567+/-0.000 χ^2/NDF : 4177630503948041296608319648918239444992.0/7
 Right Out: 25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: 19961.425+/-0.000 χ^2/NDF : 3607191272875484655998239958660917755904.0/5

dit_usr_coil7_err_mean vs Slug



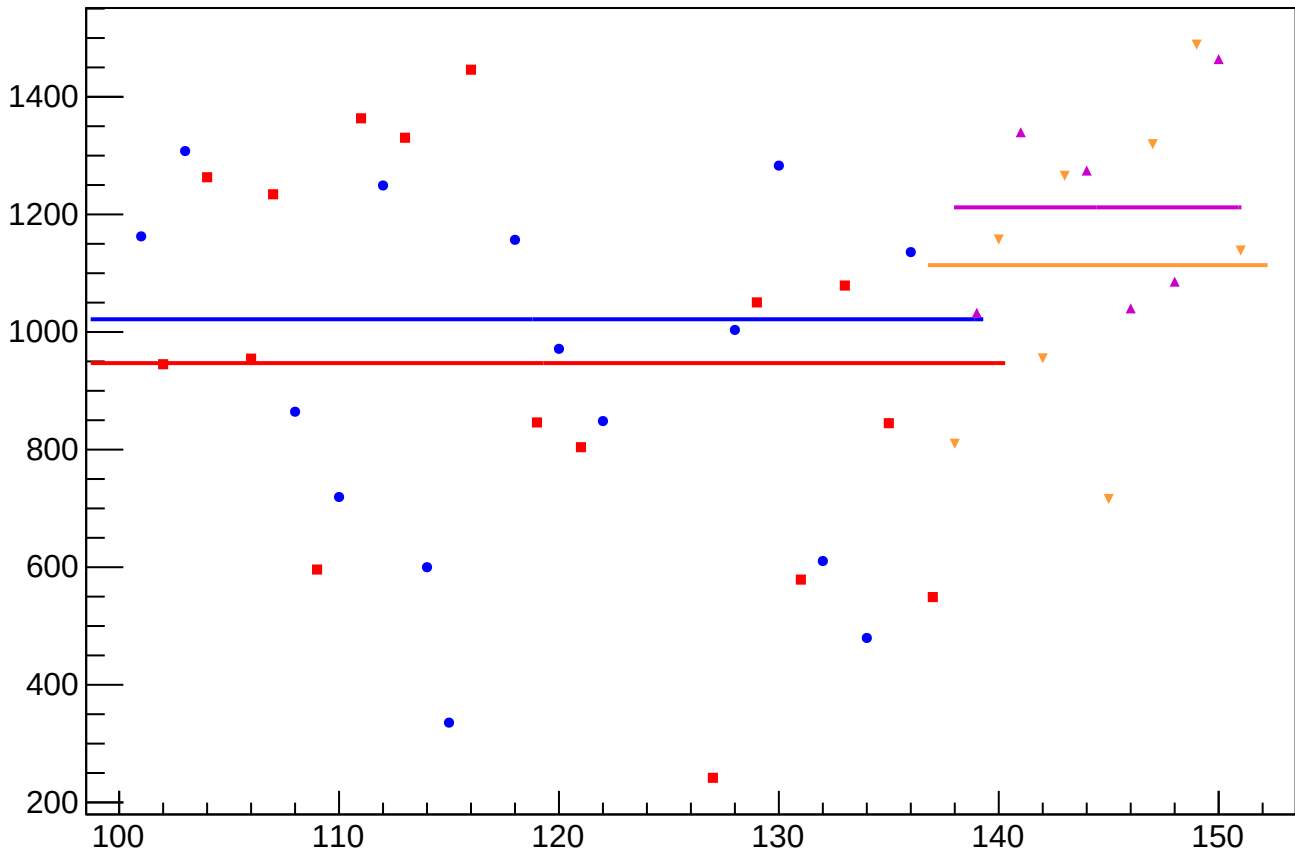
Right In: 818.668 ± 0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 583.722 ± 0.000 χ^2/NDF : 12834590307195480712602297169594023936.0/7
 + sign 706.492 ± 0.000 χ^2/NDF : 135545776836230

Right Out: 749.661 ± 0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15
 All: 696.049 ± 0.000 χ^2/NDF : 226703411808

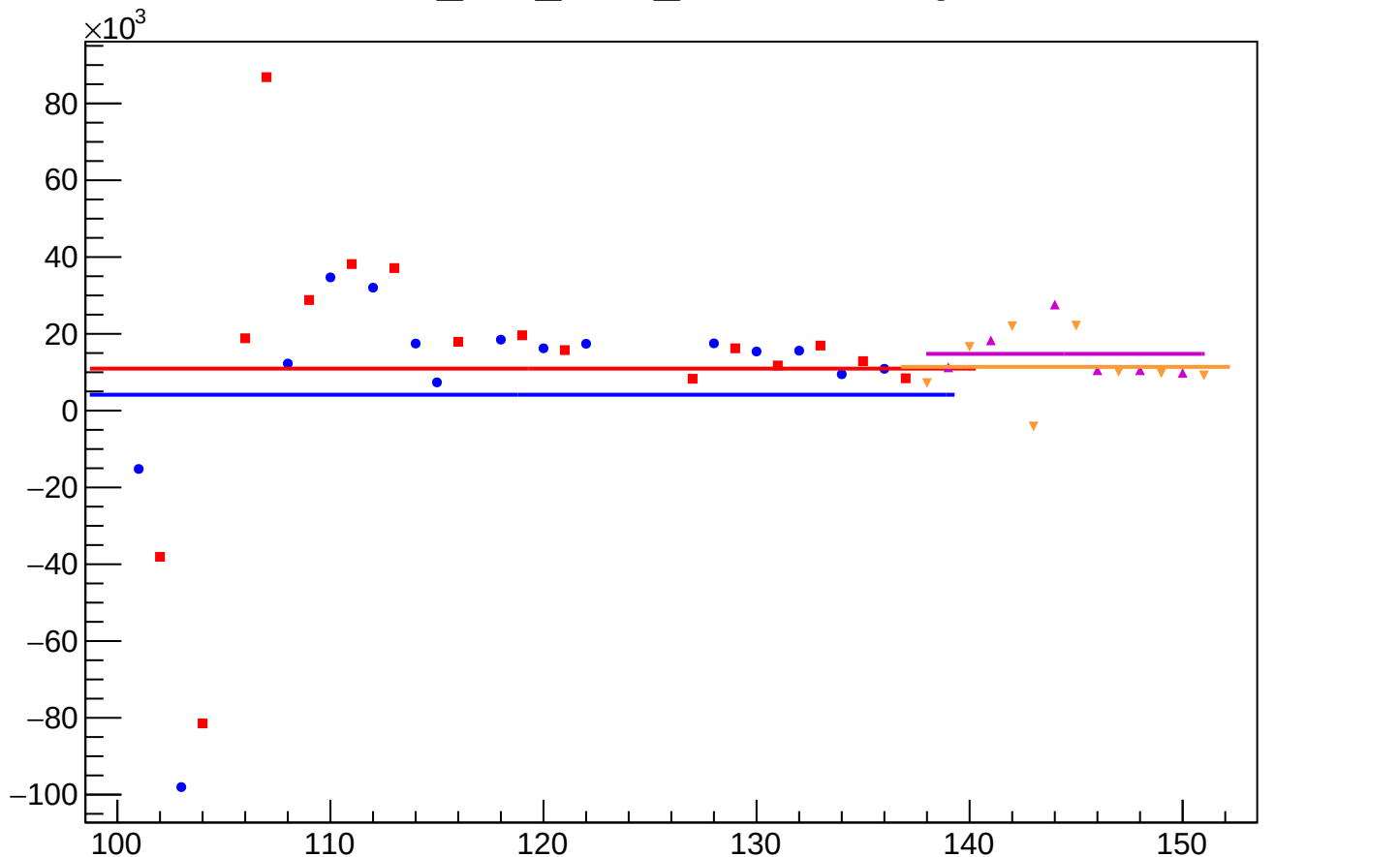
- sign 685.059 ± 0.000 χ^2/NDF : 908796729357266
 Left In: 601.063 ± 0.000 χ^2/NDF : 6503864655069099706414902393303990272.0/5

dit_usr_coil7_Ndata_mean vs Slug



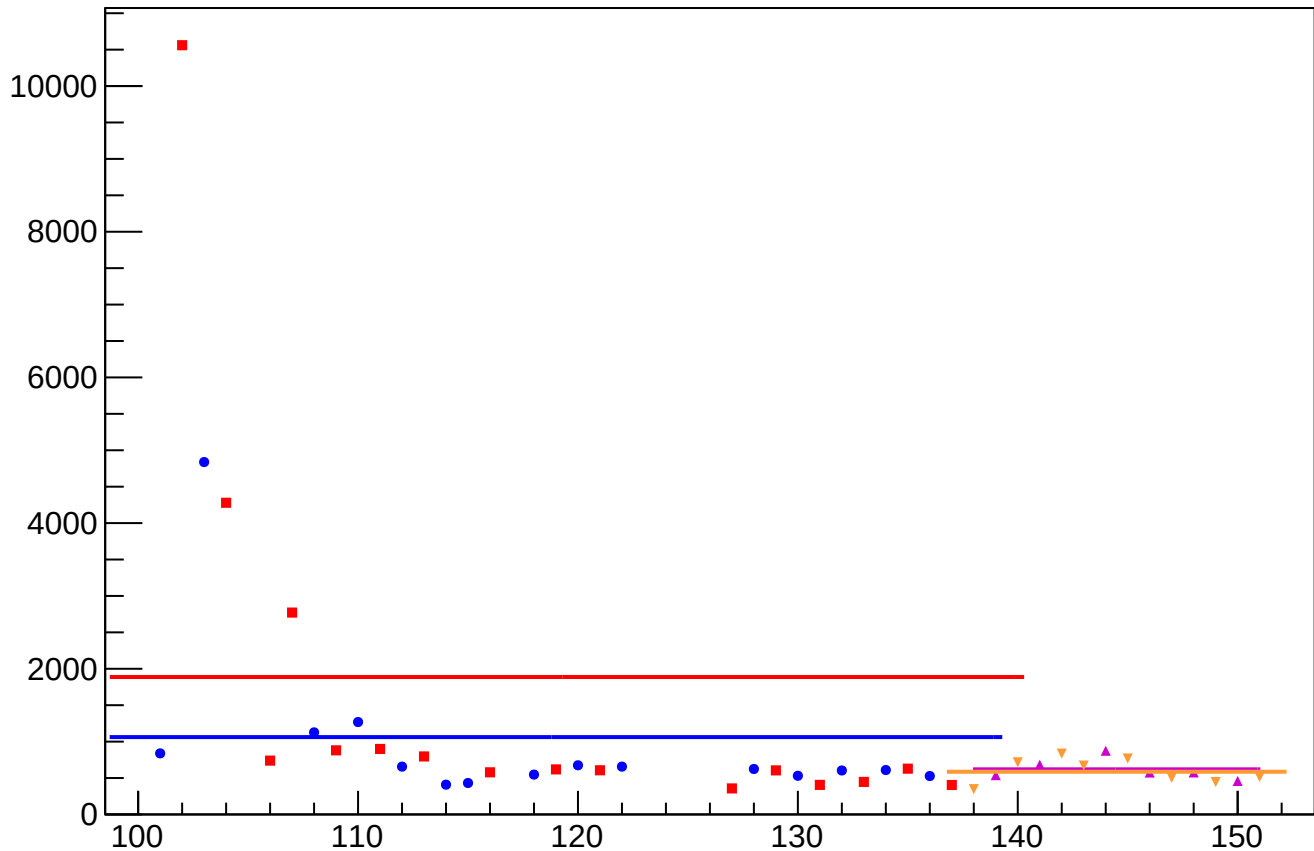
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1065.638+/-0.000	χ^2/NDF : 81143120667845
Left Out: 1113.744+/-0.000	χ^2/NDF : 38023893801940446731487834354860687360.0/7	All: 1064.006+/-0.000	χ^2/NDF : 18319128739
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1062.287+/-0.000	χ^2/NDF : 10204137110021
Left In: 1211.994+/-0.000	χ^2/NDF : 1391643354967532661052491011247308800.0/5		

dit_atl1_coil7_mean vs Slug



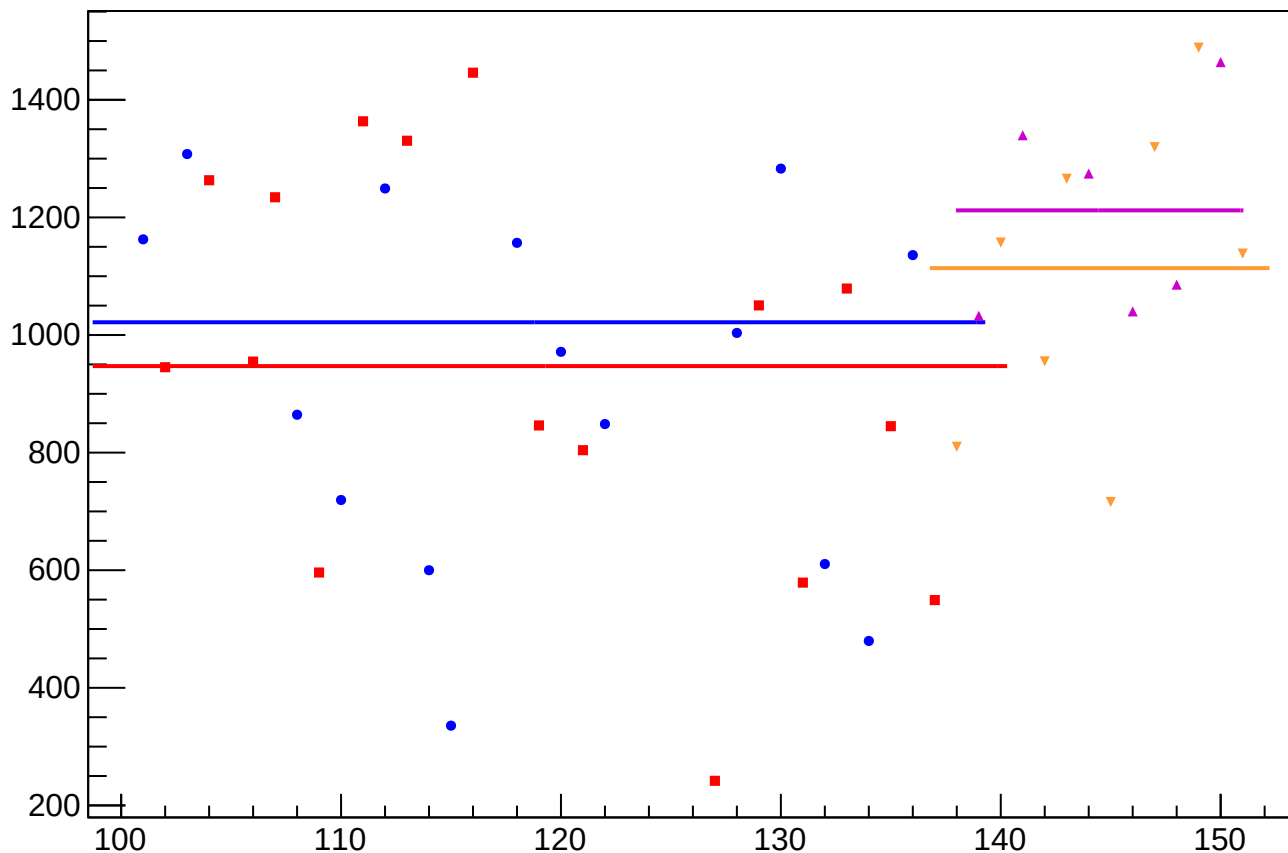
Right In: 4145.268+/-0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11401.343+/-0.000 χ^2/NDF : 34983503809151796499758522834502402703360.0/7
 Right Out: 10948.073+/-0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 14785.073+/-0.000 χ^2/NDF : 21986065713334946006911940605131641323520.0/5

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 586.302+/-0.000 χ^2/NDF : 14439919307610920622141190700317802496.0/7
 Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 619.491+/-0.000 χ^2/NDF : 9285650761825356555815041617943855104.0/5

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1113.744 $\pm$ 0.000 χ^2 /NDF: 38023893801940446731487834354860687360.0/7

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

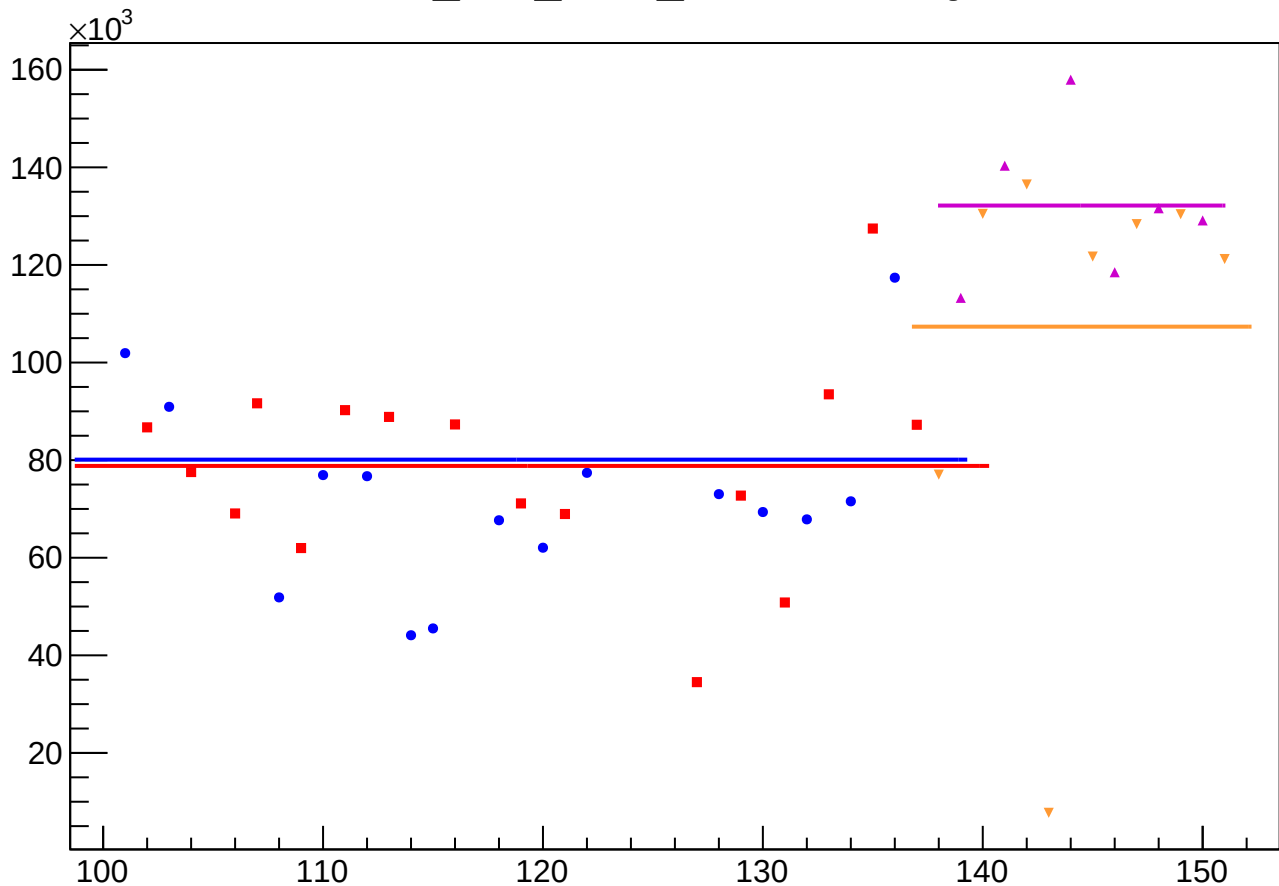
Left In: 1211.994 $\pm$ 0.000 χ^2 /NDF: 13916433354967532661052491011247308800.0/5

+ sign 1065.638 $\pm$ 0.000 χ^2 /NDF: 81143120667845

All: 1064.006 $\pm$ 0.000 χ^2 /NDF: 18319128739

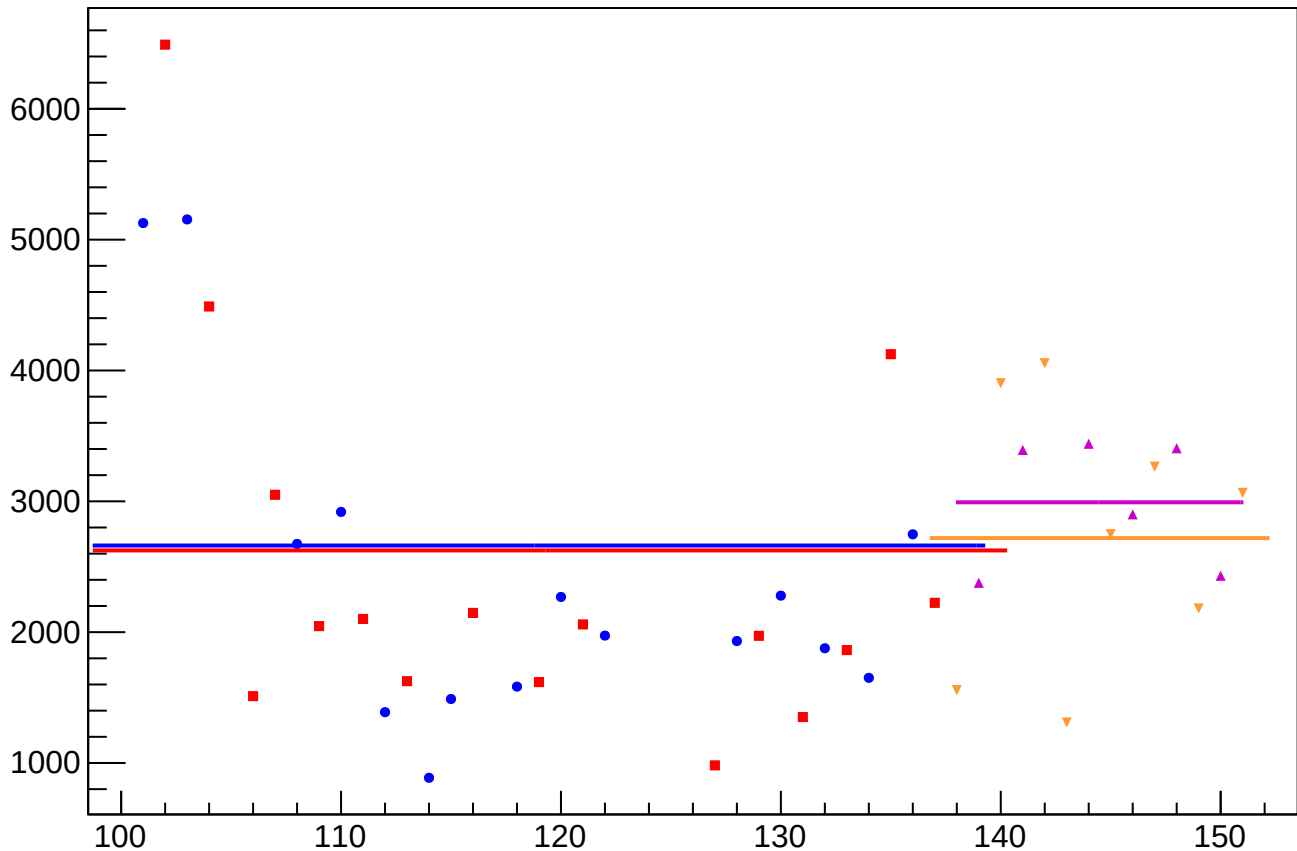
- sign 1062.287 $\pm$ 0.000 χ^2 /NDF: 10204137110021

dit_atl2_coil7_mean vs Slug



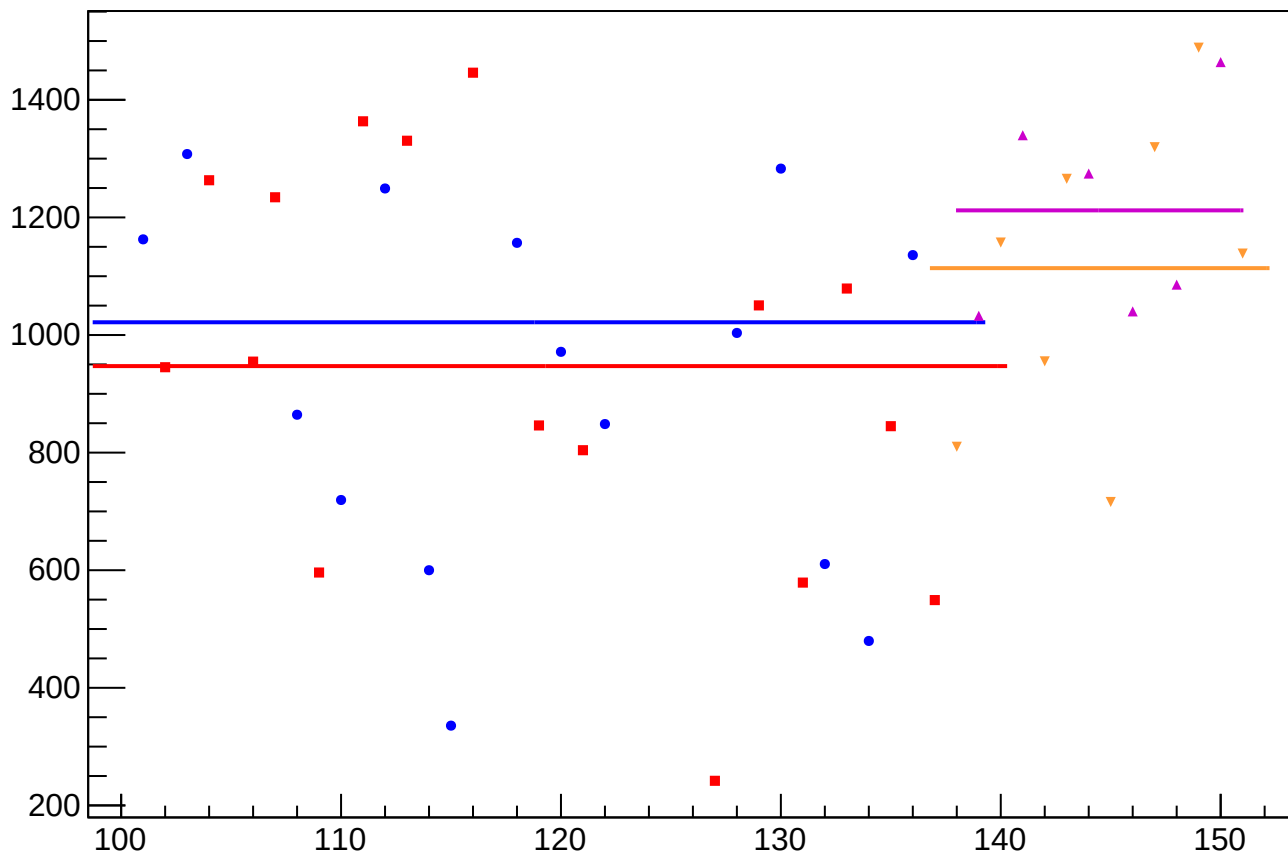
Right In: 80102.504 ± 0.000 $\chi^2/\text{NDF}: 254521784097258654723607522631742465769472.0/14$
 Left Out: 107354.834 ± 0.000 $\chi^2/\text{NDF}: 930050863551976507662276599996665129074688.0/7$
 Right Out: 78815.832 ± 0.000 $\chi^2/\text{NDF}: 286076919217811099434470442231998185472000.0/15$
 Left In: 132172.748 ± 0.000 $\chi^2/\text{NDF}: 110238071232676812042935088005880536367104.0/5$

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183 $\pm$ 0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 2718.935 $\pm$ 0.000 χ^2/NDF : 492344633180880715899275602904183996416.0/7
 Right Out: 2624.696 $\pm$ 0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 2992.391 $\pm$ 0.000 χ^2/NDF : 105908522580043596341559809136452960256.0/5

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

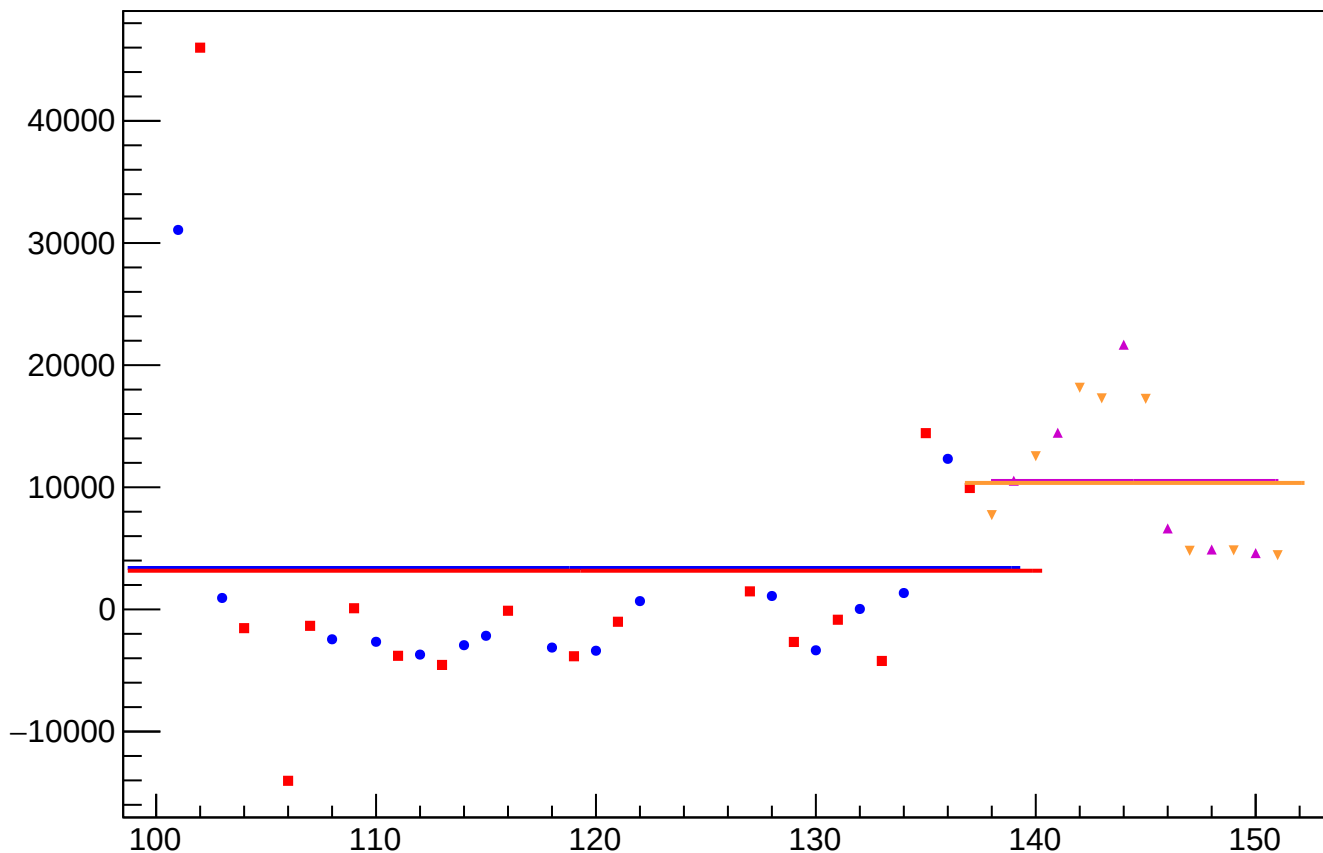
Left In: 1211.994+/-0.000 χ^2/NDF : 13916433354967532661052491011247308800.0/5

+ sign 1065.638+/-0.000 χ^2/NDF : 81143120667845

All: 1064.006+/-0.000 χ^2/NDF : 18319128739

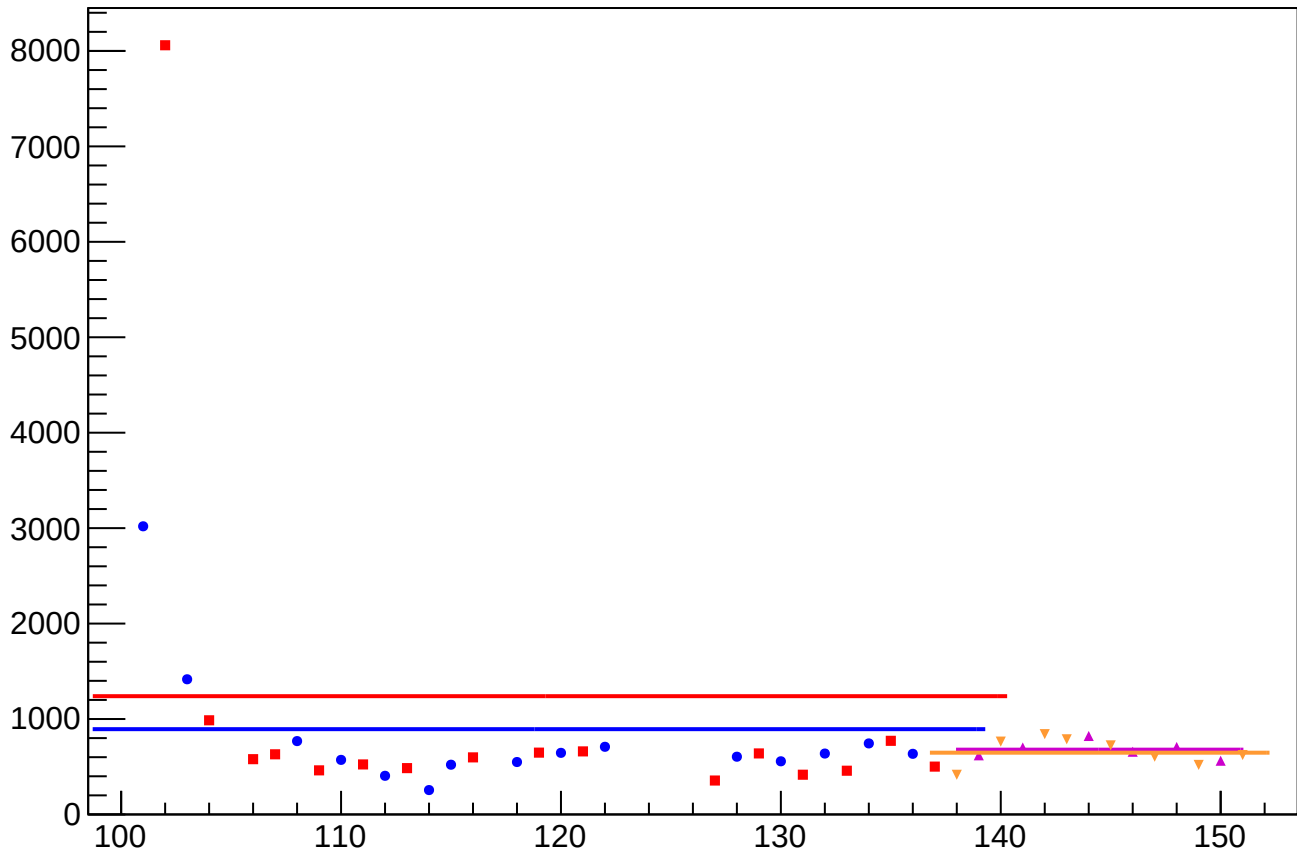
- sign 1062.287+/-0.000 χ^2/NDF : 10204137110021

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 10357.246+/-0.000 χ^2/NDF : 18446367581307024428525224371389156294656.0/7
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 10516.262+/-0.000 χ^2/NDF : 19477715150952092767693345026137852477440.0/5

dit_atr1_coil7_err_mean vs Slug



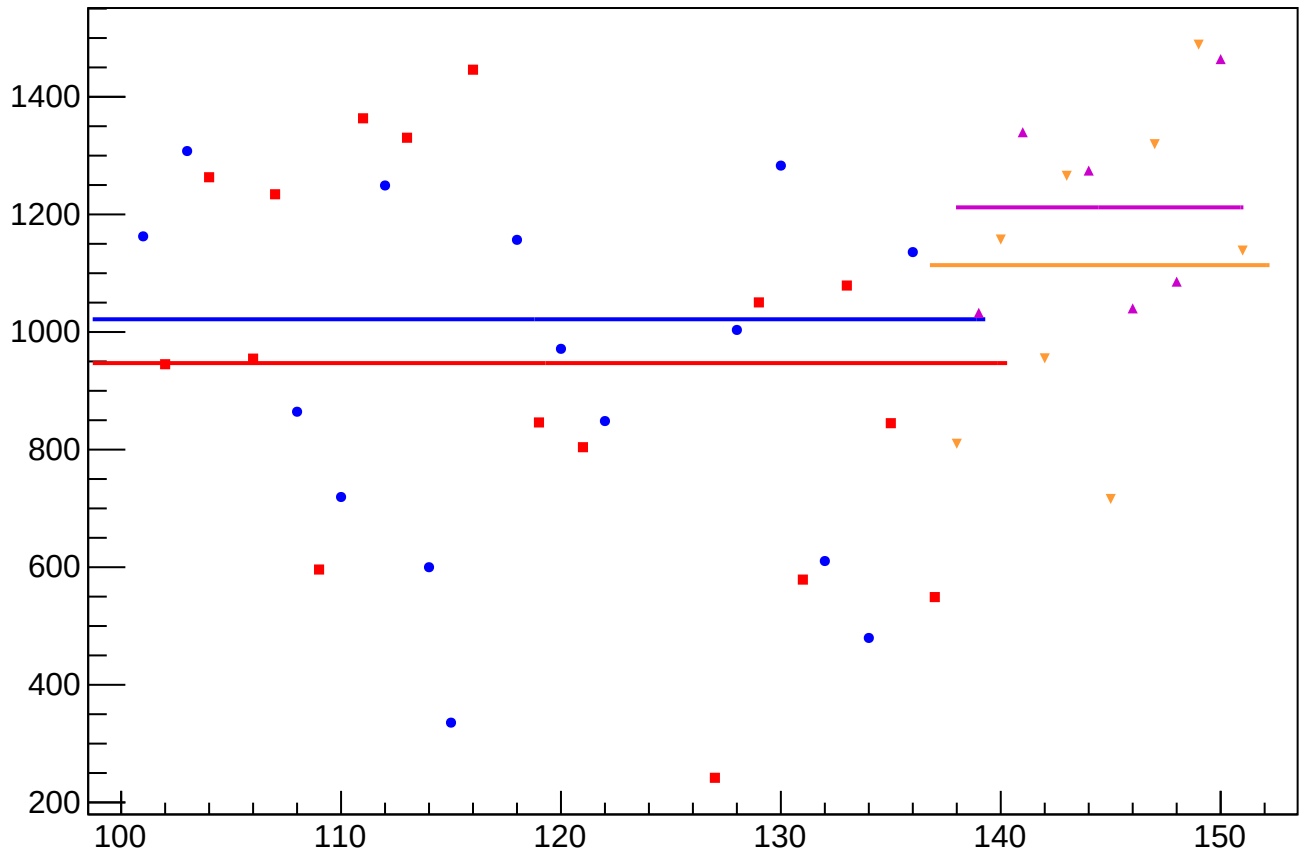
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 647.228+/-0.000 χ^2/NDF : 10376533716683462086739248058715865088.0/7

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

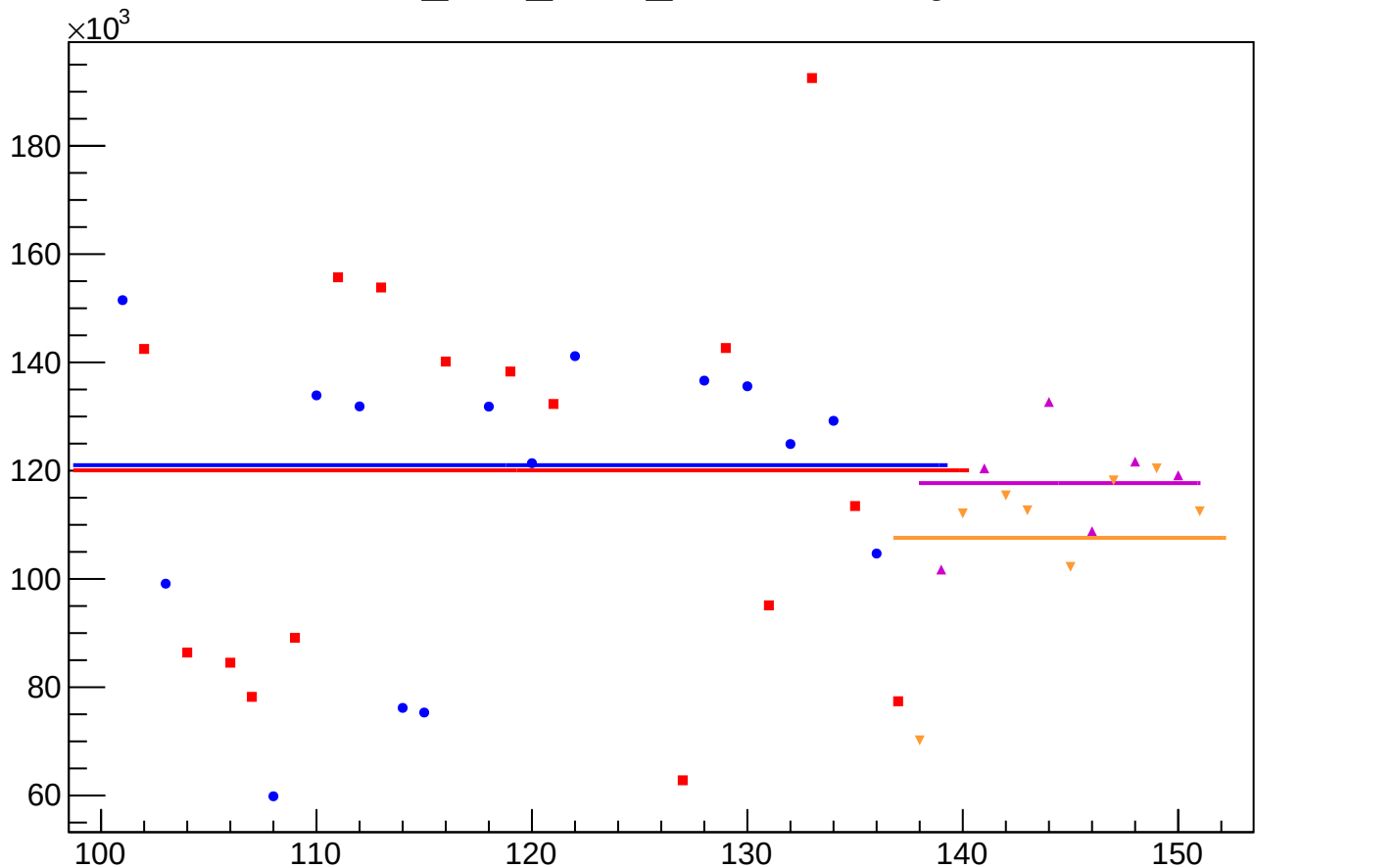
Left In: 678.883+/-0.000 χ^2/NDF : 3489241052128687524775307726806843392.0/5

dit_atr1_coil7_Ndata_mean vs Slug



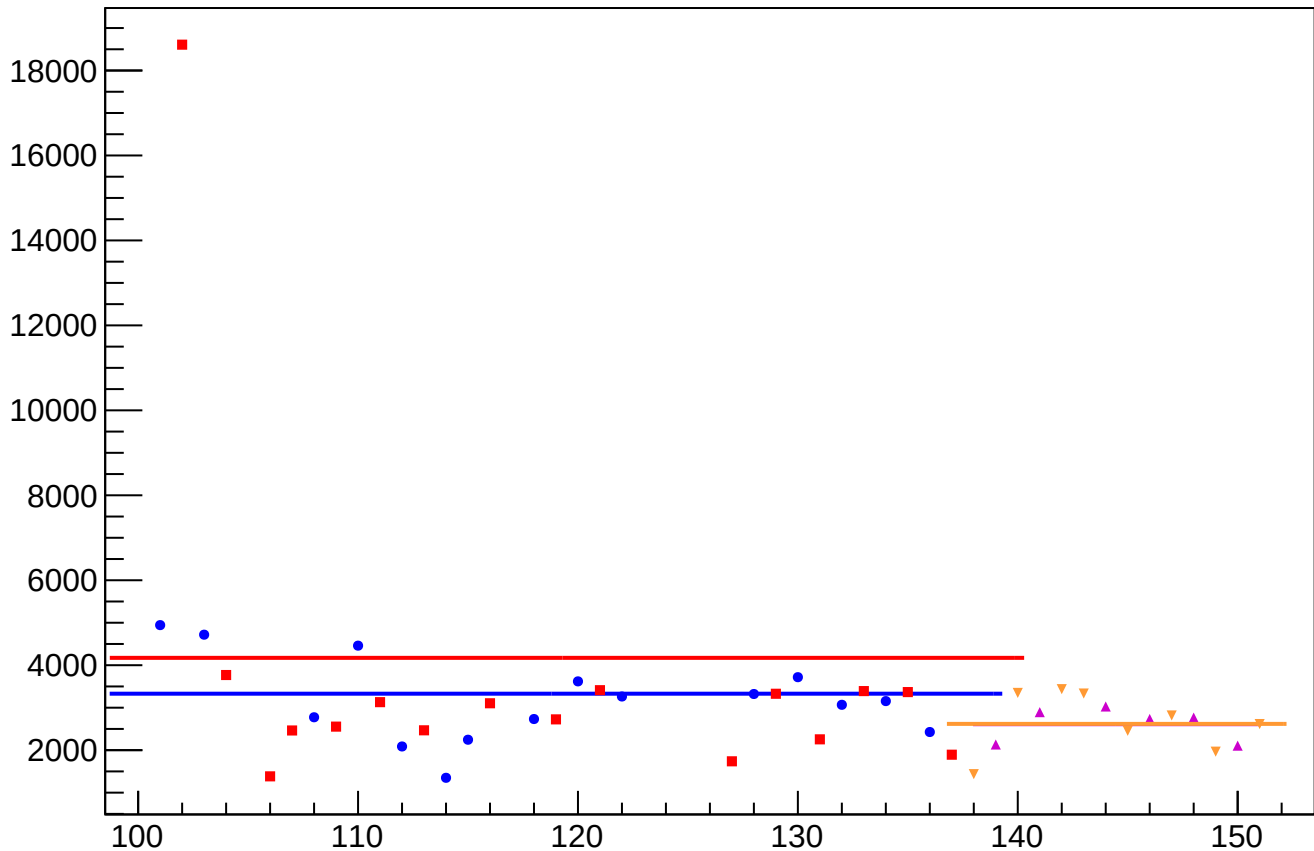
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1065.638+/-0.000	χ^2/NDF : 81143120667845
Left Out: 1113.744+/-0.000	χ^2/NDF : 38023893801940446731487834354860687360.0/7	All: 1064.006+/-0.000	χ^2/NDF : 18319128739
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1062.287+/-0.000	χ^2/NDF : 10204137110021
Left In: 1211.994+/-0.000	χ^2/NDF : 13916433354967532661052491011247308800.0/5		

dit_atr2_coil7_mean vs Slug



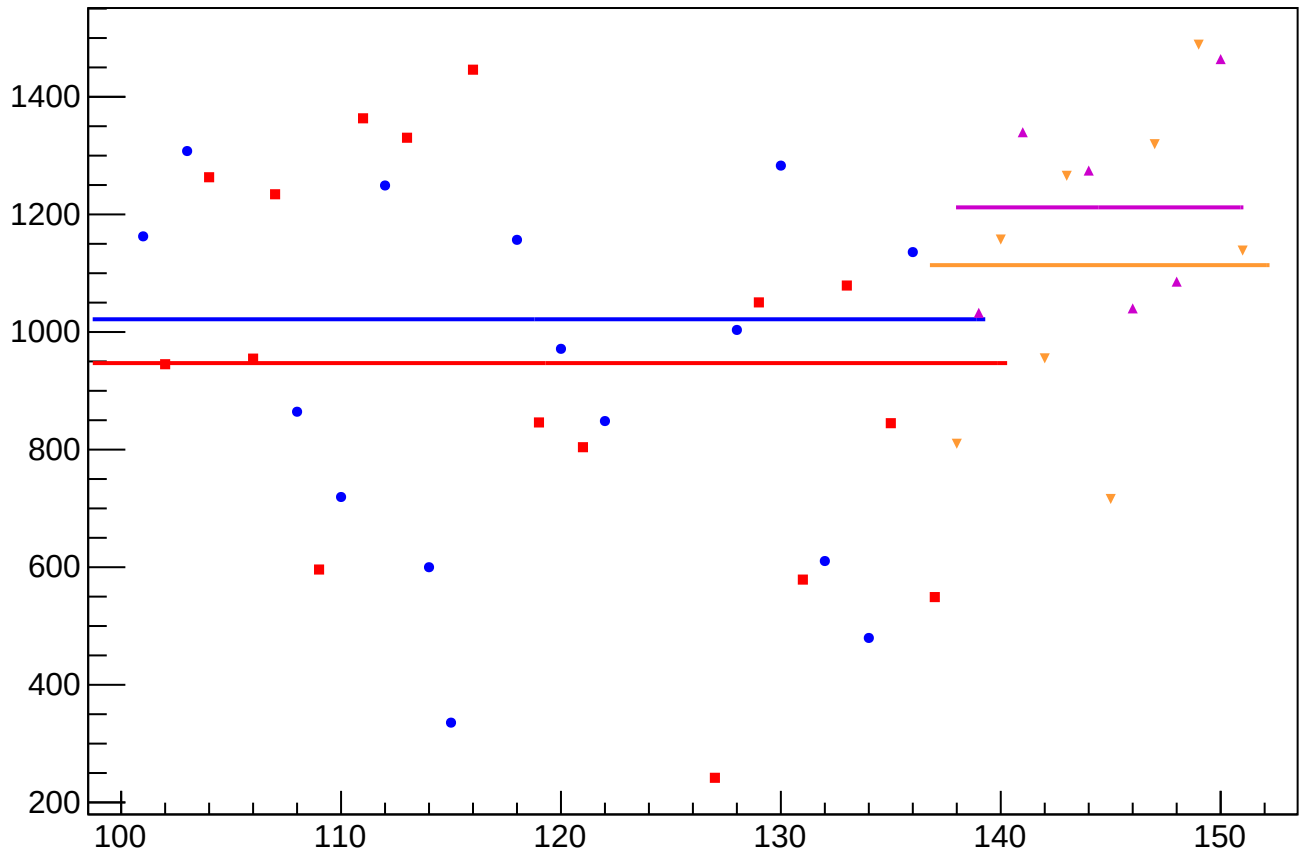
Right In: 121016.482 ± 0.000 χ^2/NDF : 358713856404303554987784975983609668173824.0/14
 Left Out: 107594.578 ± 0.000 χ^2/NDF : 142175813399959224978146947327932688760832.0/7
 Right Out: 120060.693 ± 0.000 χ^2/NDF : 828419782346707601448620310014135952736256.0/15
 Left In: 117706.296 ± 0.000 χ^2/NDF : 49355168260364422146397593041465709166592.0/5

dit_atr2_coil7_err_mean vs Slug



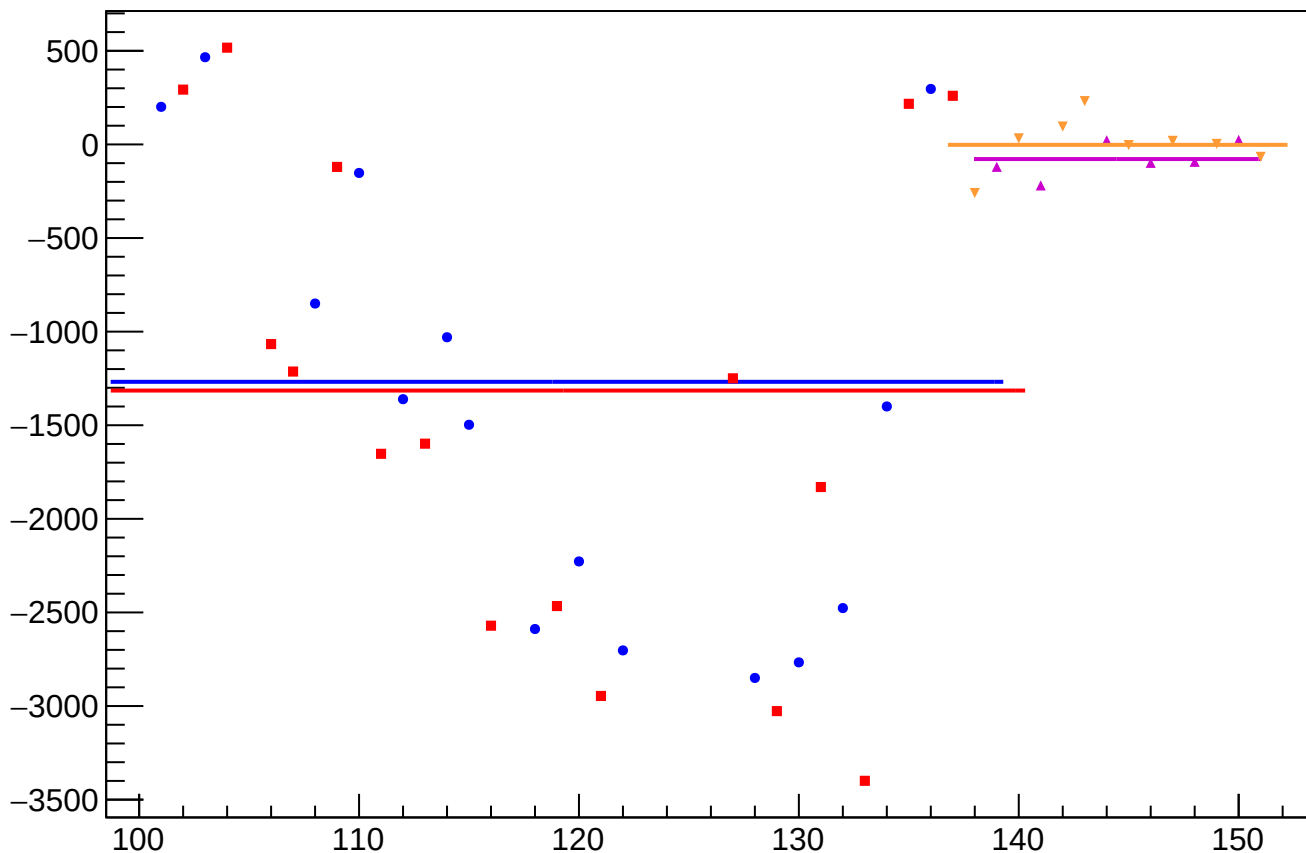
Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2618.784 $\pm$ 0.000 χ^2 /NDF: 258955759397106491279873294705526571008.0/7
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2611.152 $\pm$ 0.000 χ^2 /NDF: 67329901944835058589511439665659379712.0/5

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1211.994+/-0.000 χ^2/NDF : 13916433354967532661052491011247308800.0/5

dit_sam1_coil7_mean vs Slug



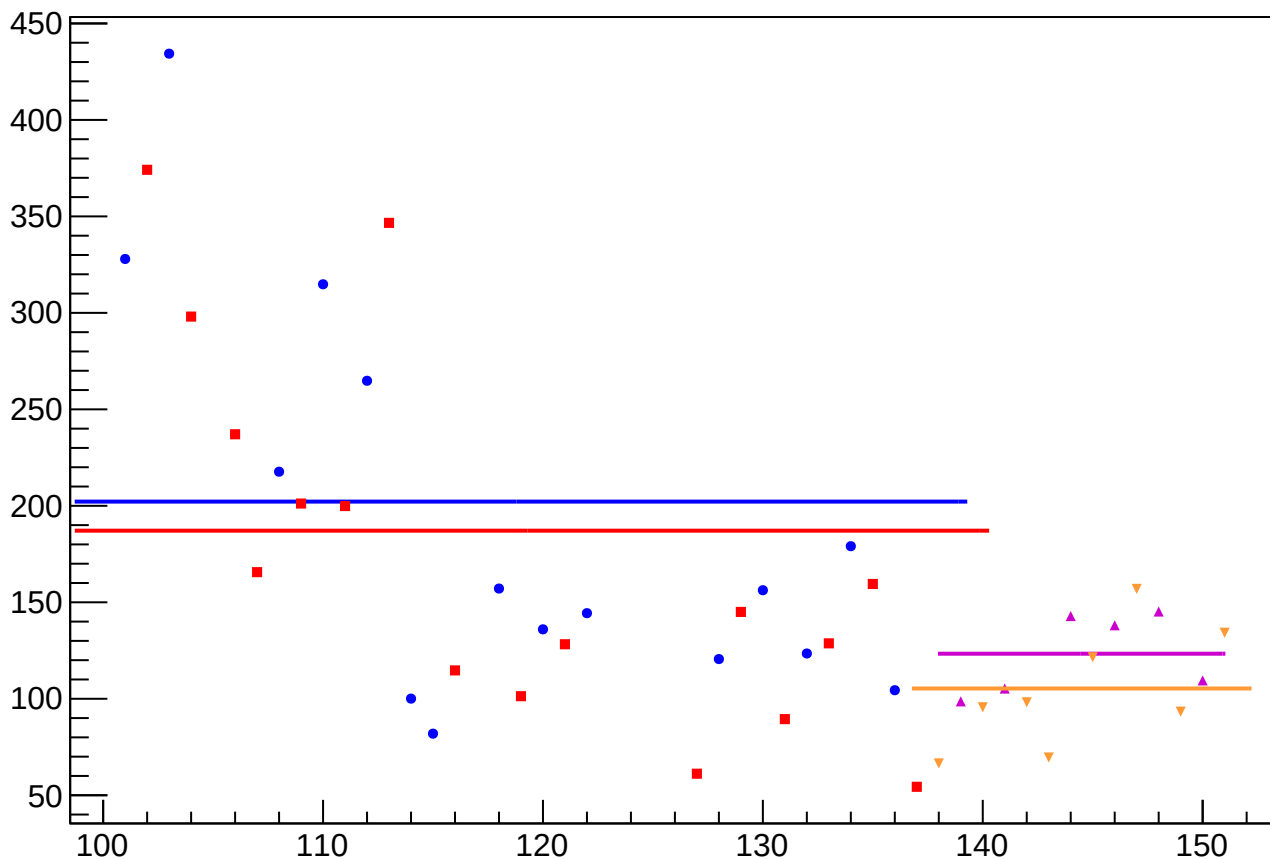
Right In: -1268.061 ± 0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: -2.229 ± 0.000 χ^2/NDF : 9714633240937006282596611426124562432.0/7

Right Out: -1314.767 ± 0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: -78.107 ± 0.000 χ^2/NDF : 3728343476602074830197749147133542400.0/5

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191 ± 0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 105.332 ± 0.000 χ^2/NDF : 519100683735542337900881605619089408.0/7

Right Out: 187.126 ± 0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

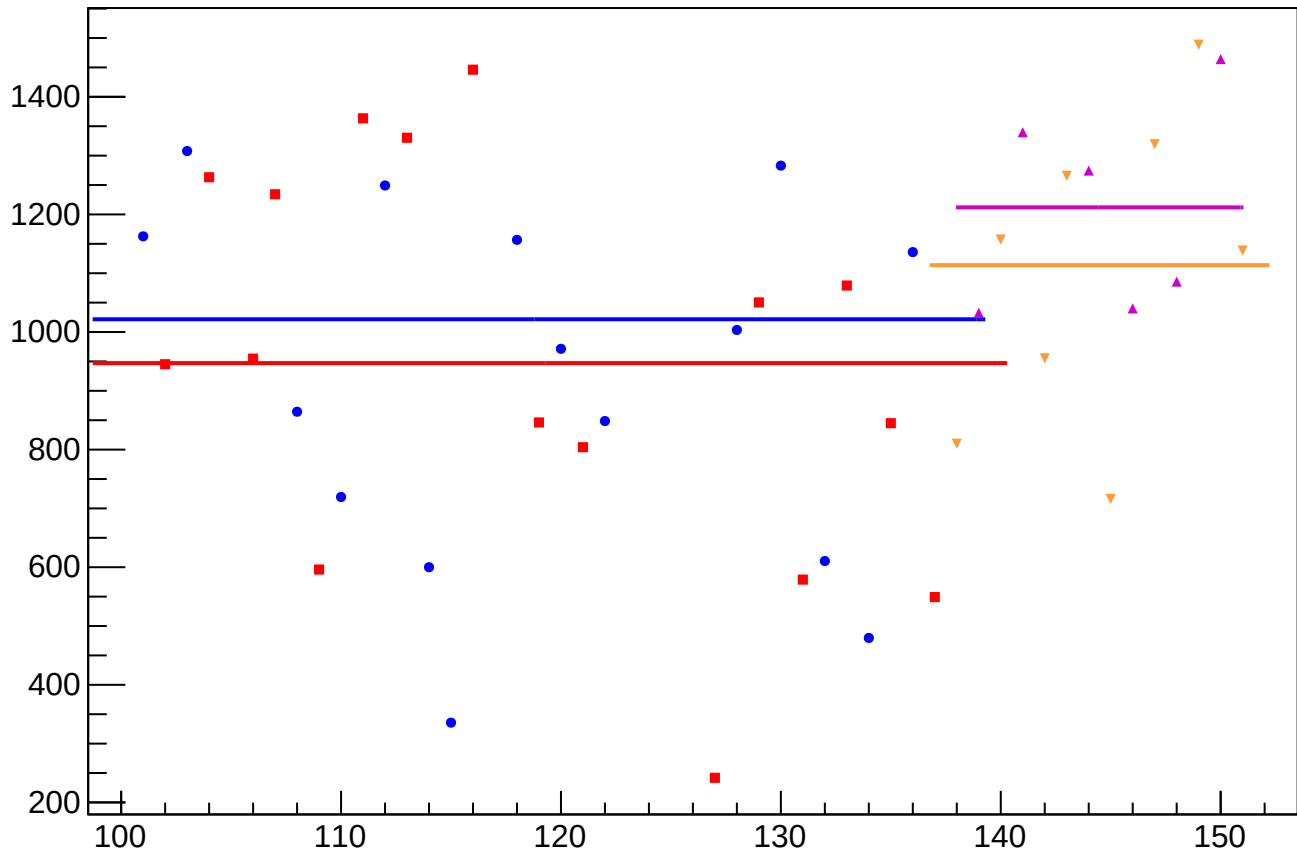
Left In: 123.358 ± 0.000 χ^2/NDF : 186607566836734061515441706769580032.0/5

All: 157.630 ± 0.000 χ^2/NDF : 180571162423.0/30

+ sign 155.945 ± 0.000 χ^2/NDF : 104541068628030.0/30

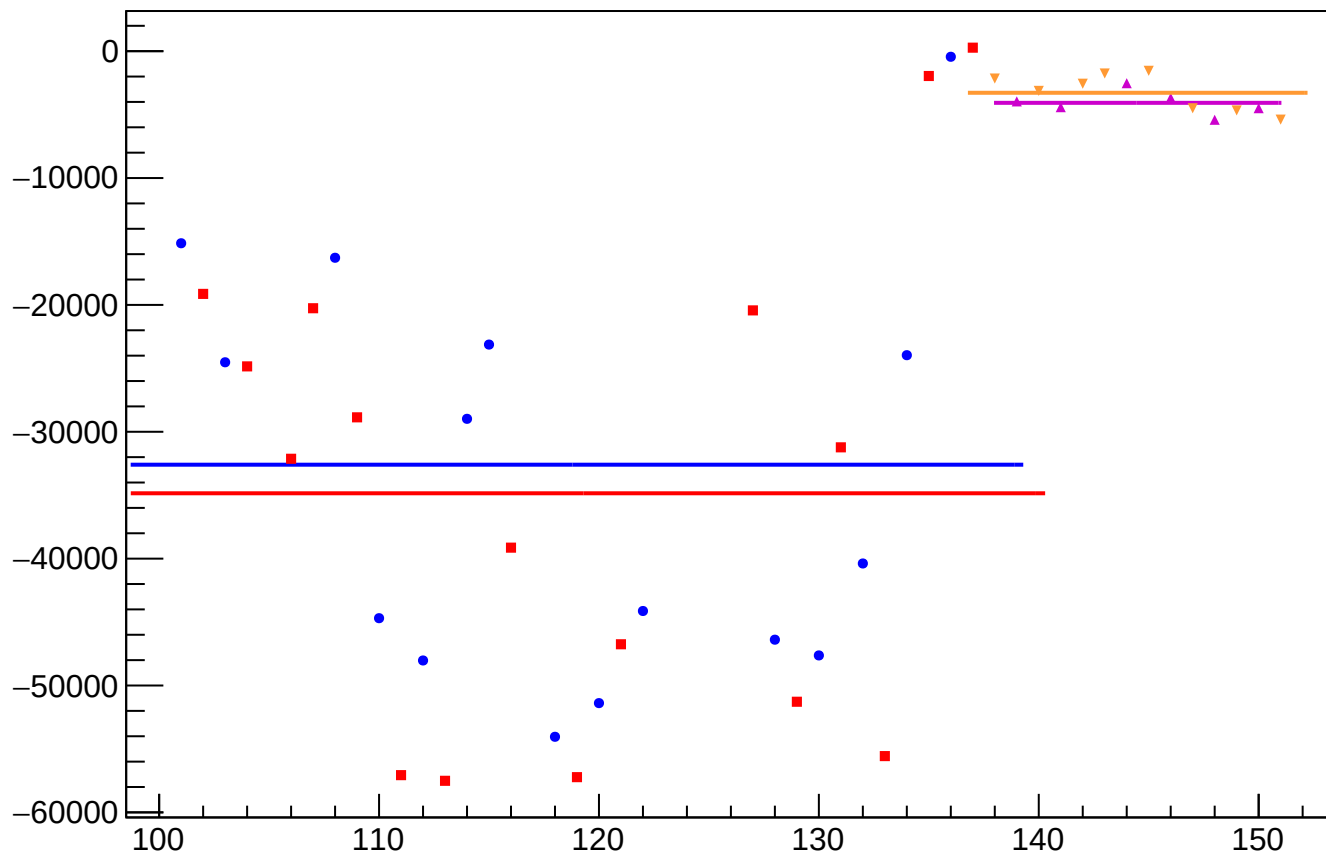
- sign 159.403 ± 0.000 χ^2/NDF : 759577378161382.0/30

dit_sam1_coil7_Ndata_mean vs Slug



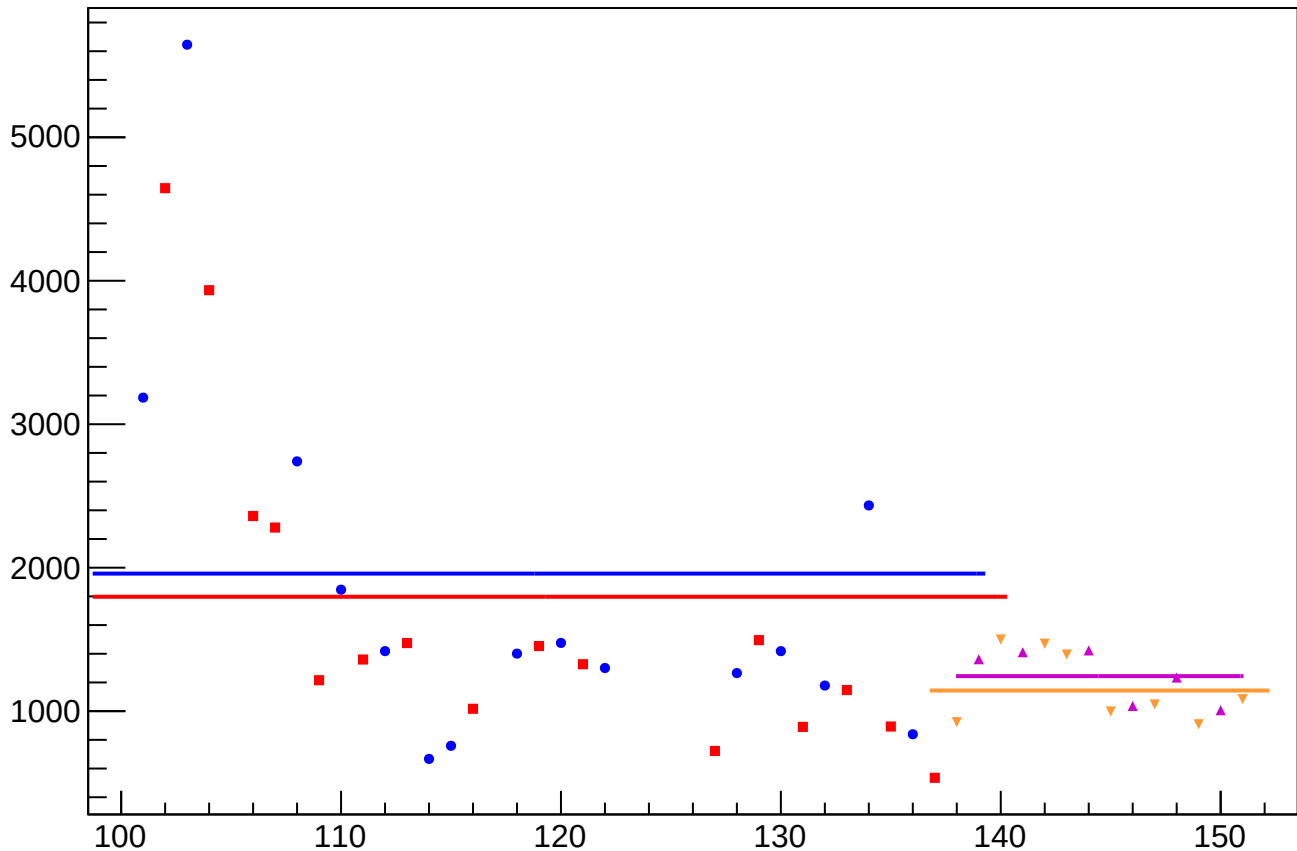
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1065.638+/-0.000	χ^2/NDF : 81143120667845
Left Out: 1113.744+/-0.000	χ^2/NDF : 38023893801940446731487834354860687360.0/7	All: 1064.006+/-0.000	χ^2/NDF : 18319128739
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1062.287+/-0.000	χ^2/NDF : 10204137110021
Left In: 1211.994+/-0.000	χ^2/NDF : 13916433354967532661052491011247308800.0/5		

dit_sam2_coil7_mean vs Slug



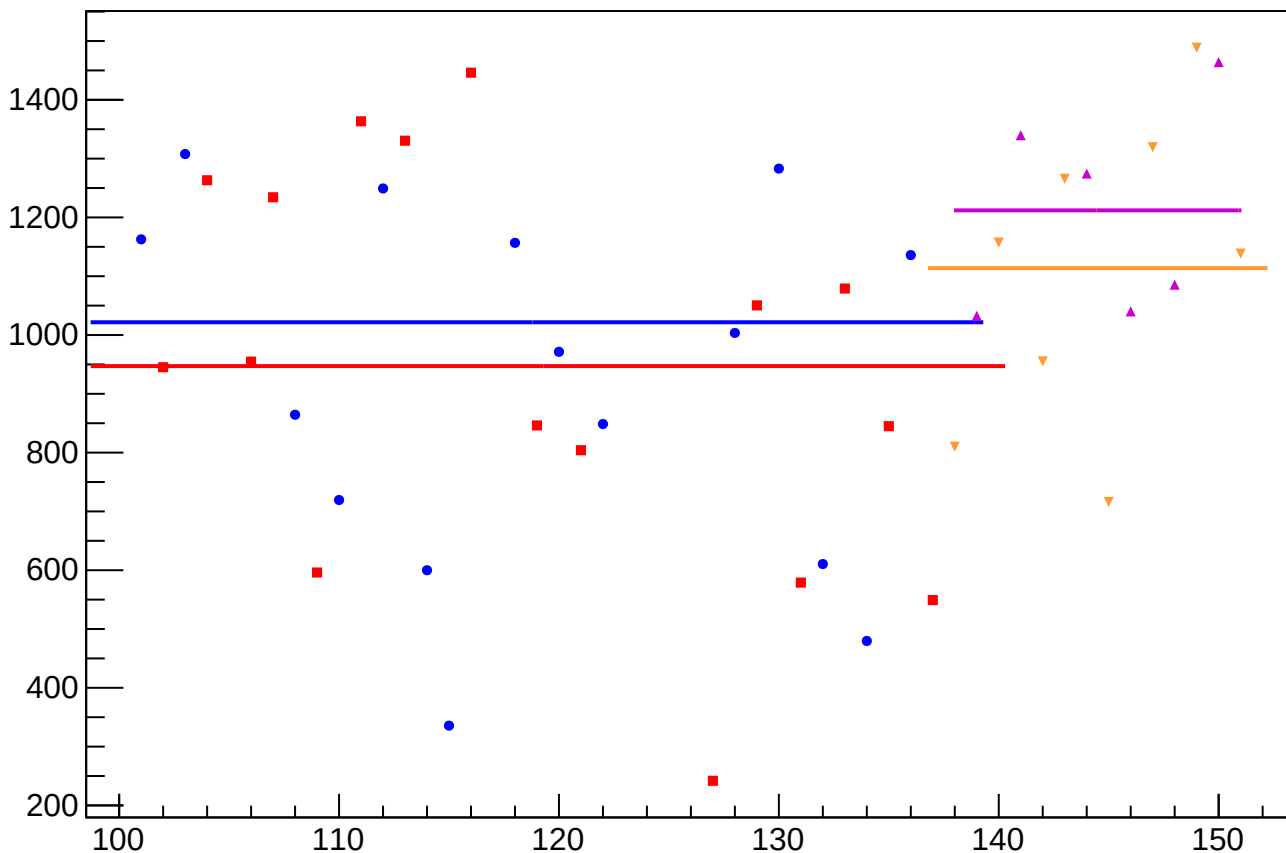
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3279.349 ± 0.000 χ^2/NDF : 1145061725407190970783799915848581251072.0/7
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4072.090 ± 0.000 χ^2/NDF : 402456371291896120683324639149283082240.0/5

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835 $\pm$ 0.000 χ^2 /NDF: 1189322999631358431600643692981190131712.0/14
 Left Out: 1143.847 $\pm$ 0.000 χ^2 /NDF: 30666178819278622851877846081106608128.0/7
 Right Out: 1797.392 $\pm$ 0.000 χ^2 /NDF: 955096623879958195657195074614240215040.0/15
 Left In: 1244.079 $\pm$ 0.000 χ^2 /NDF: 15078425138910282995826368052451082240.0/5

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

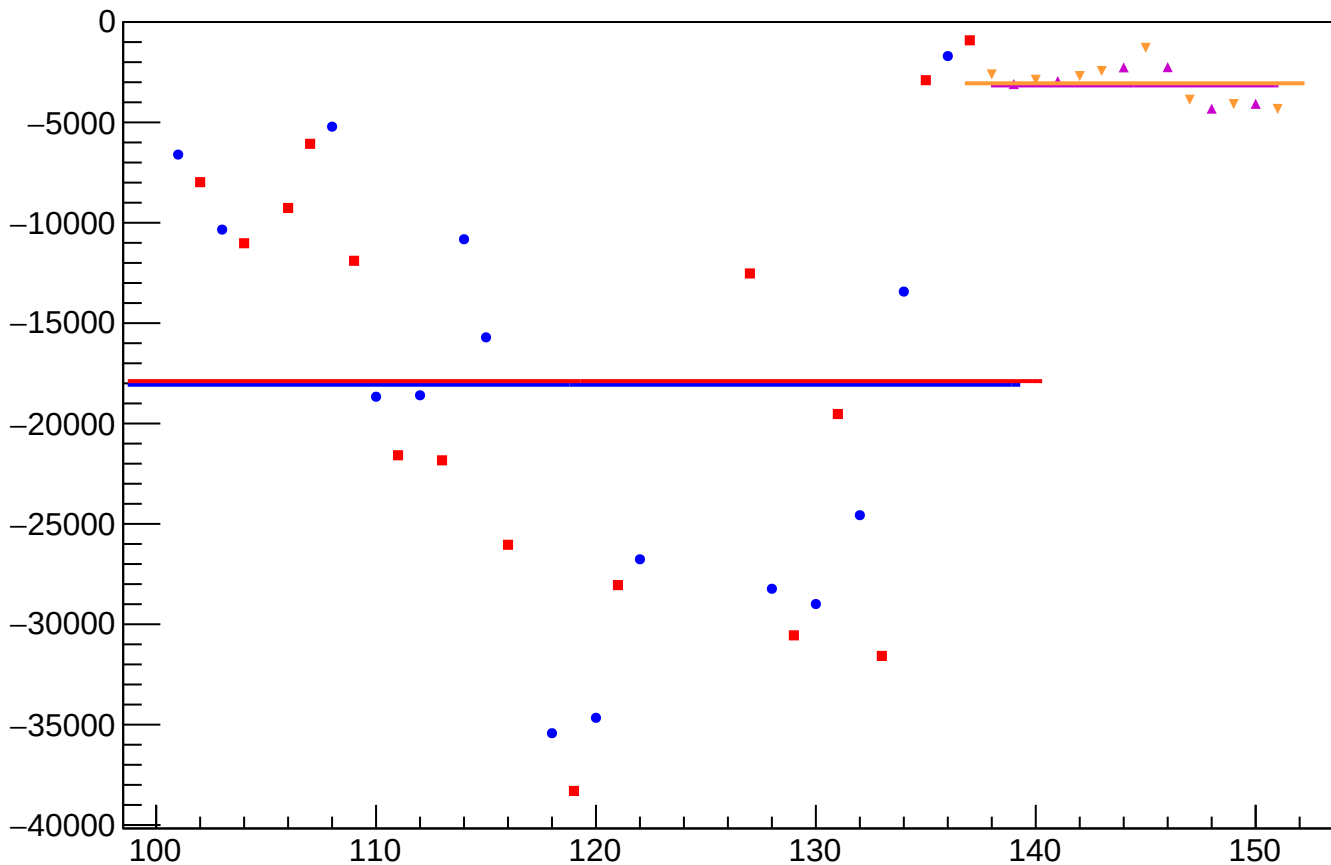
Left In: 1211.994+/-0.000 χ^2/NDF : 13916433354967532661052491011247308800.0/5

+ sign 1065.638+/-0.000 χ^2/NDF : 81143120667845

All: 1064.006+/-0.000 χ^2/NDF : 18319128739

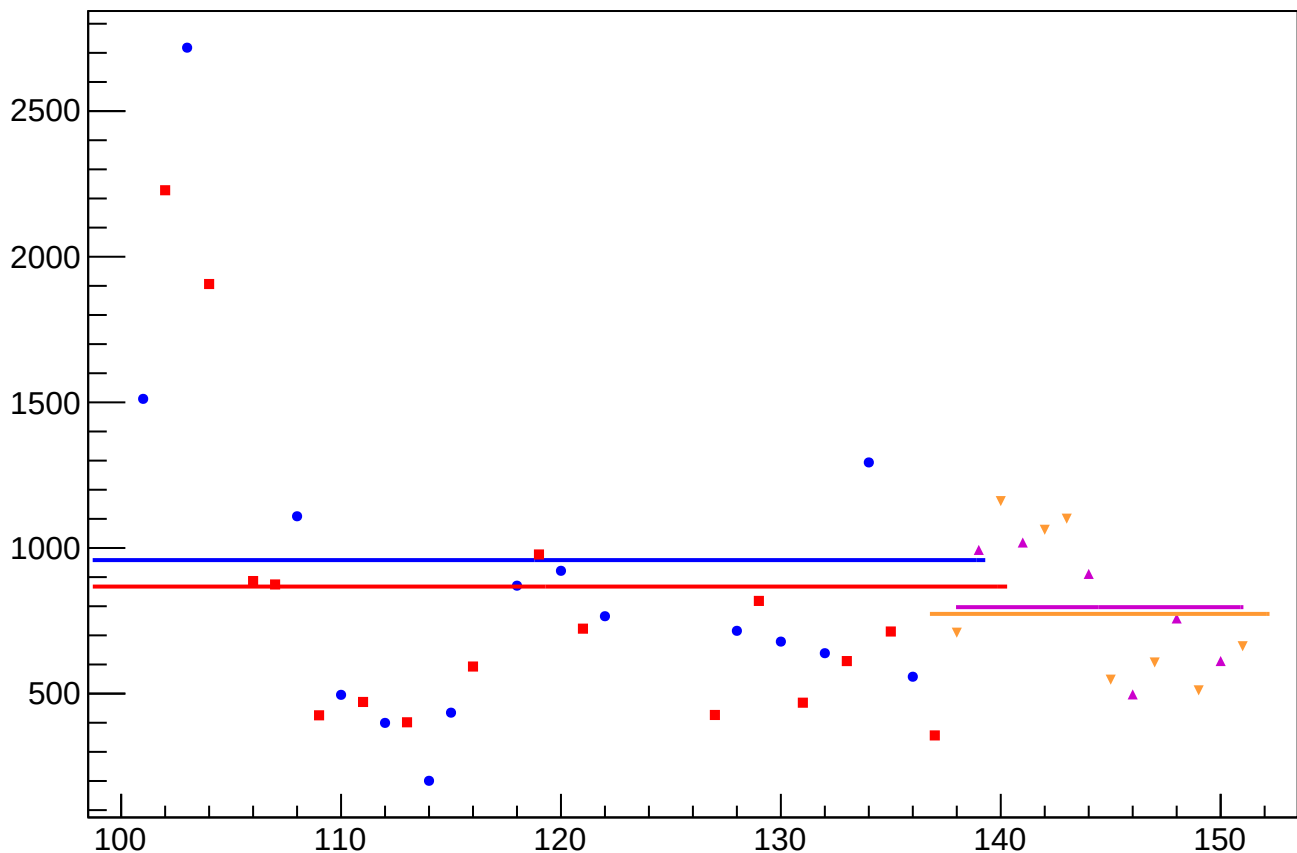
- sign 1062.287+/-0.000 χ^2/NDF : 10204137110021

dit_sam3_coil7_mean vs Slug



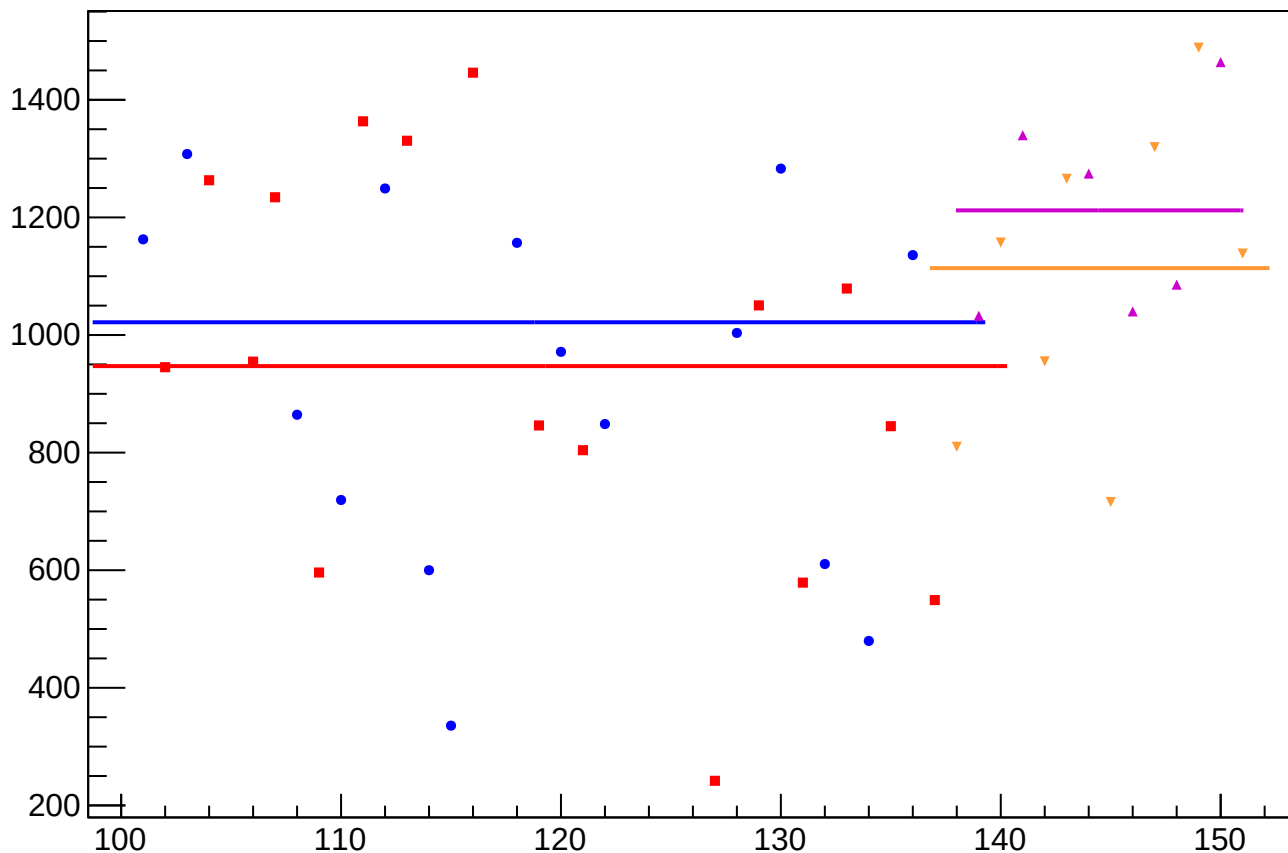
Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3052.762+/-0.000 χ^2/NDF : 569542261345983853241988659378724536320.0/7
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3159.914+/-0.000 χ^2/NDF : 333825222472915746848250205394624839680.0/5

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14
 Left Out: 773.711+/-0.000 χ^2/NDF : 36655147437417552517075069306190954496.0/7
 Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15
 Left In: 796.853+/-0.000 χ^2/NDF : 19164733681471622527863329786517520384.0/5

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1113.744 $\pm$ 0.000 χ^2 /NDF: 38023893801940446731487834354860687360.0/7

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

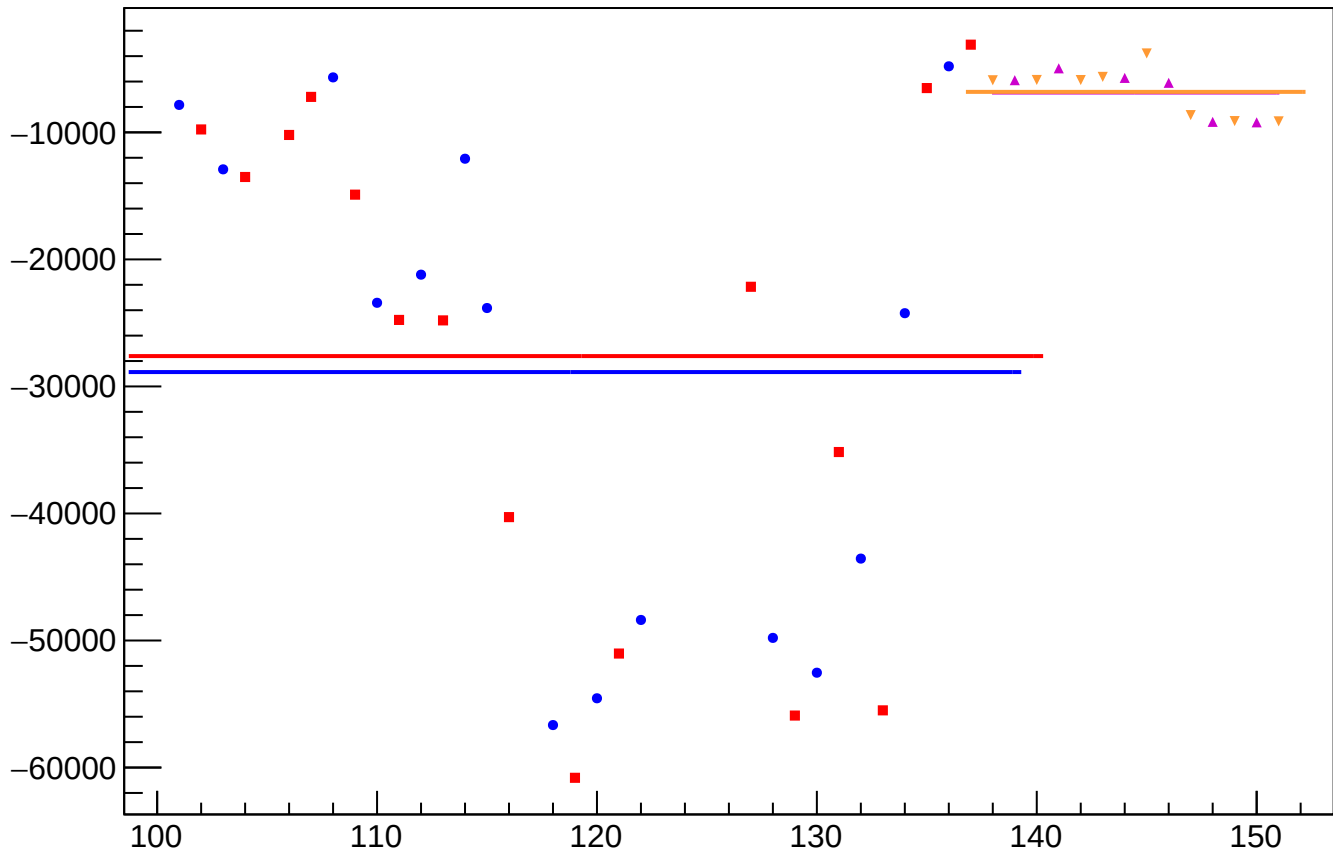
Left In: 1211.994 $\pm$ 0.000 χ^2 /NDF: 13916433354967532661052491011247308800.0/5

+ sign 1065.638 $\pm$ 0.000 χ^2 /NDF: 81143120667845

All: 1064.006 $\pm$ 0.000 χ^2 /NDF: 18319128739

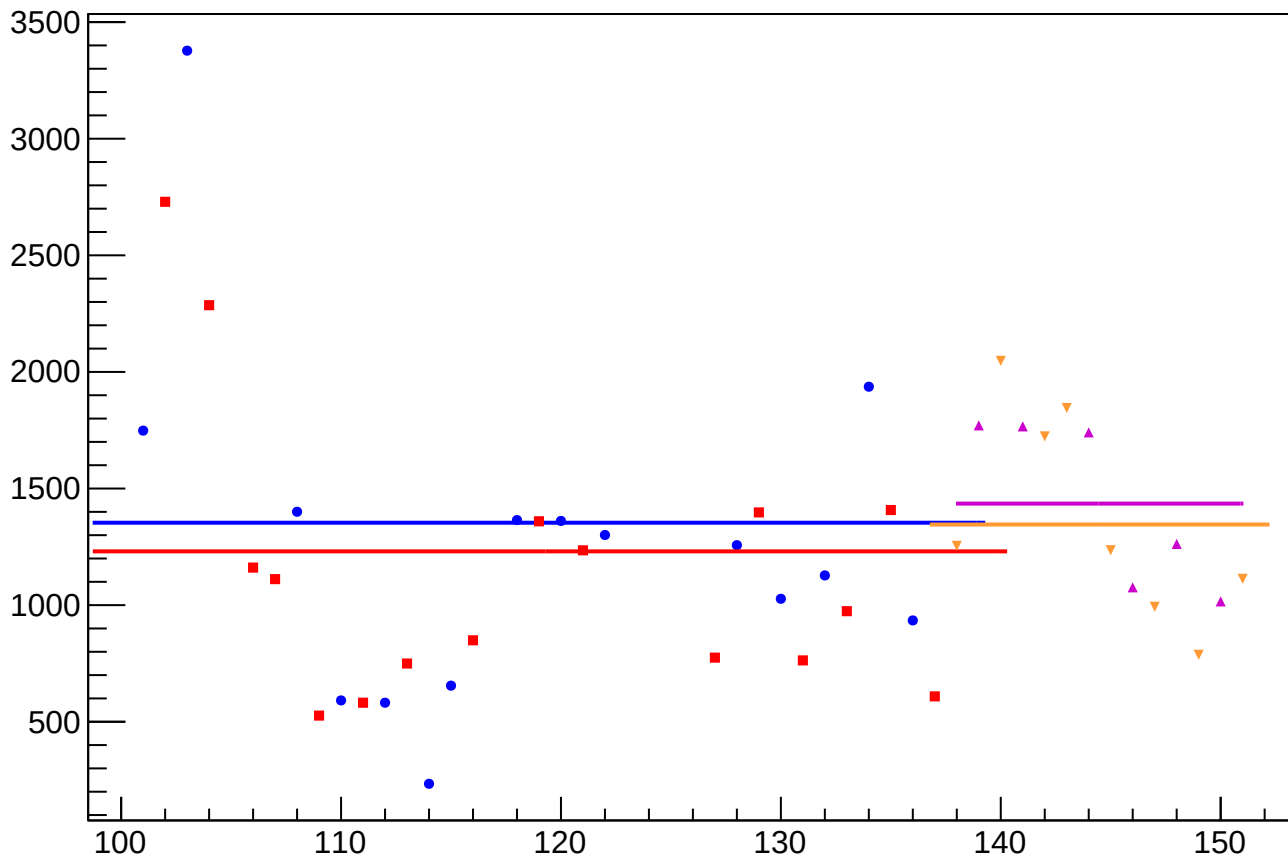
- sign 1062.287 $\pm$ 0.000 χ^2 /NDF: 10204137110021

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -6812.506+/-0.000 χ^2/NDF : 2132054677168921313144316737744520871936.0/7
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -6865.043+/-0.000 χ^2/NDF : 1500136663781793472257305015723541659648.0/5
 All: -18461.501+/-0.000 χ^2/NDF : 788764534
 + sign -18337.804+/-0.000 χ^2/NDF : 414325337234
 - sign -18591.697+/-0.000 χ^2/NDF : 3744001909261

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1345.714+/-0.000 χ^2/NDF : 105375138302799164434658991932977446912.0/7

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

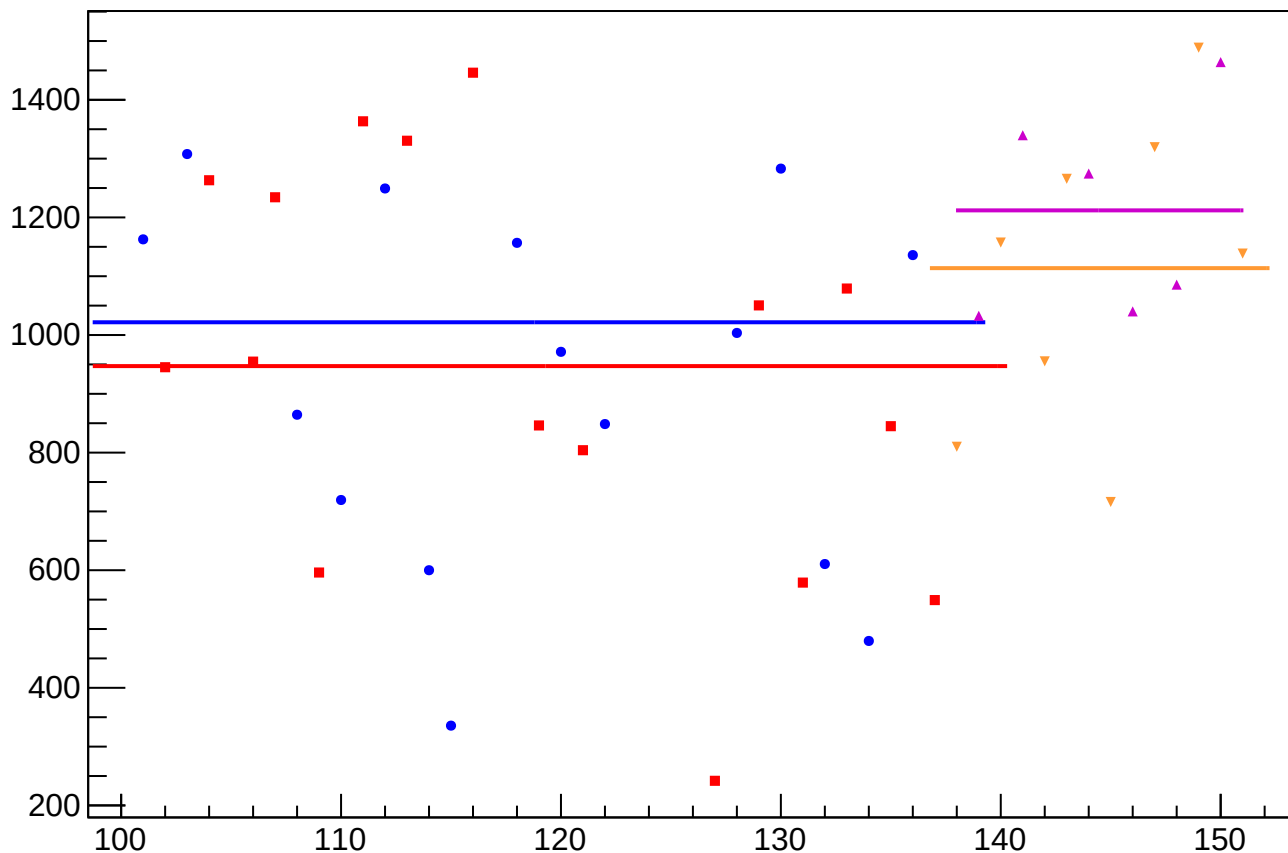
Left In: 1435.421+/-0.000 χ^2/NDF : 55940342606297962465939710978165833728.0/5

+ sign 1349.737+/-0.000 χ^2/NDF : 45828147281589

All: 1335.085+/-0.000 χ^2/NDF : 80391959018

- sign 1319.664+/-0.000 χ^2/NDF : 34509085328581

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1113.744 $\pm$ 0.000 χ^2 /NDF: 38023893801940446731487834354860687360.0/7

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

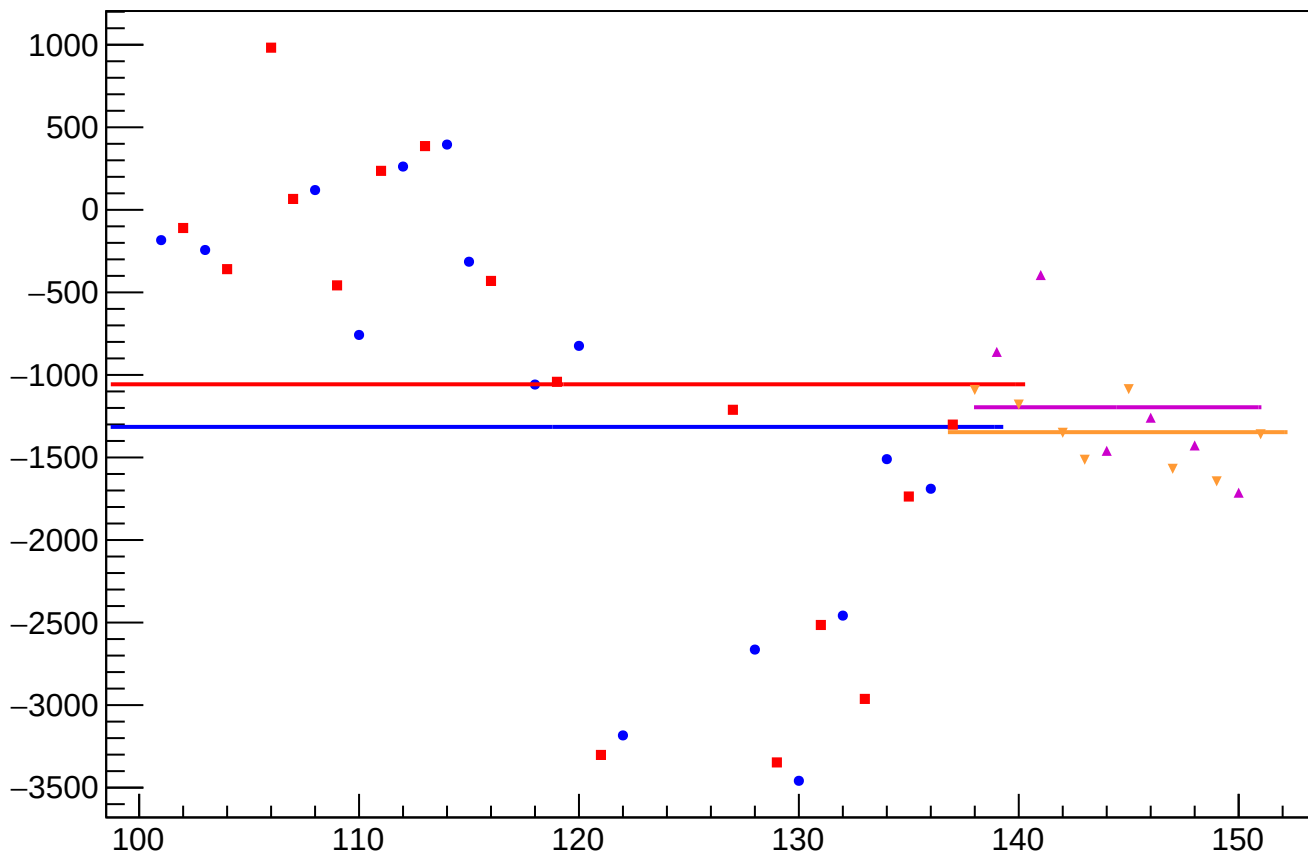
Left In: 1211.994 $\pm$ 0.000 χ^2 /NDF: 13916433354967532661052491011247308800.0/5

+ sign 1065.638 $\pm$ 0.000 χ^2 /NDF: 81143120667845

All: 1064.006 $\pm$ 0.000 χ^2 /NDF: 18319128739

- sign 1062.287 $\pm$ 0.000 χ^2 /NDF: 10204137110021

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000

χ^2/NDF : 966082368518203481544021644405645508608.0/14

Left Out: -1346.670+/-0.000

+ sign -1330.007+/-0.000 χ^2/NDF : 9924588298325

Right Out: -1056.765+/-0.000

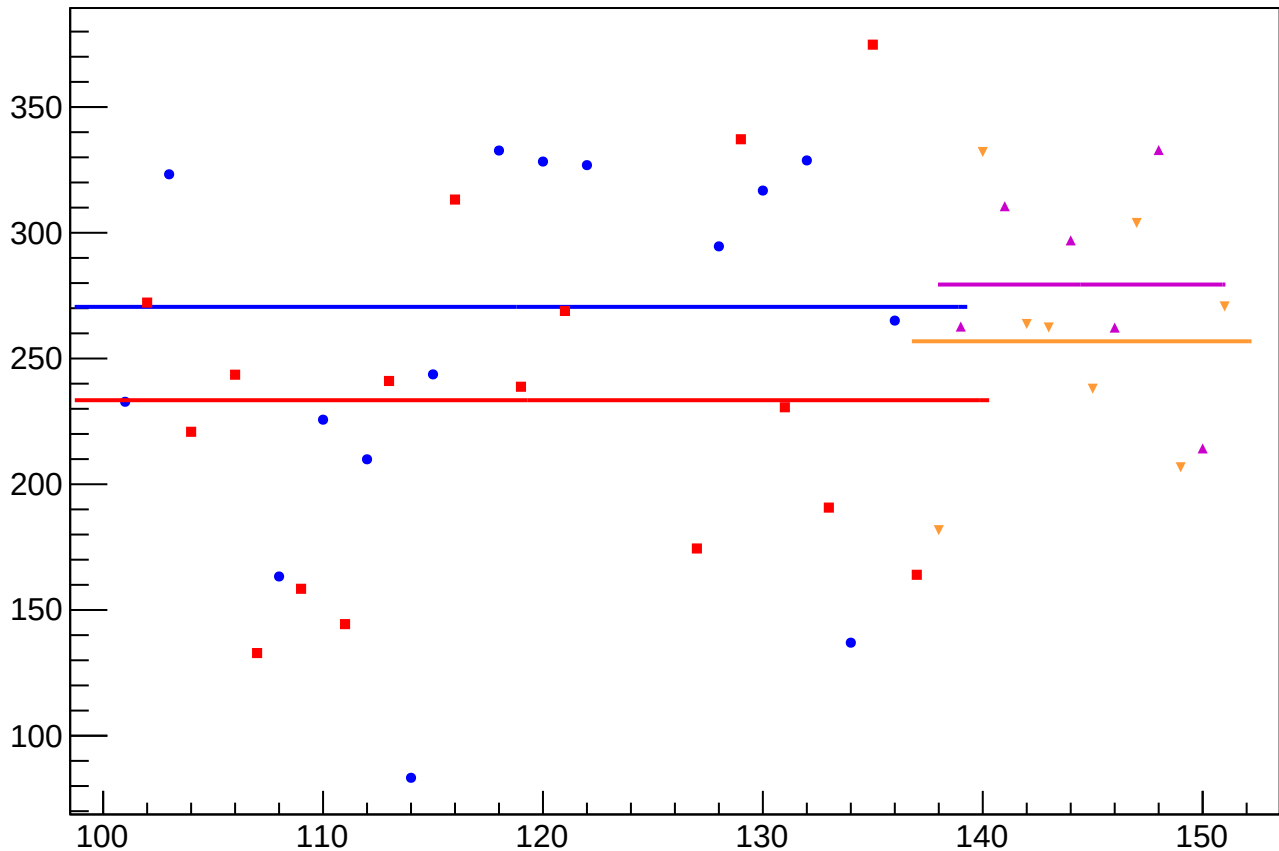
All: -1226.329+/-0.000 χ^2/NDF : 2251624672

Left In: -1195.784+/-0.000

- sign -1117.203+/-0.000 χ^2/NDF : 12317634915532

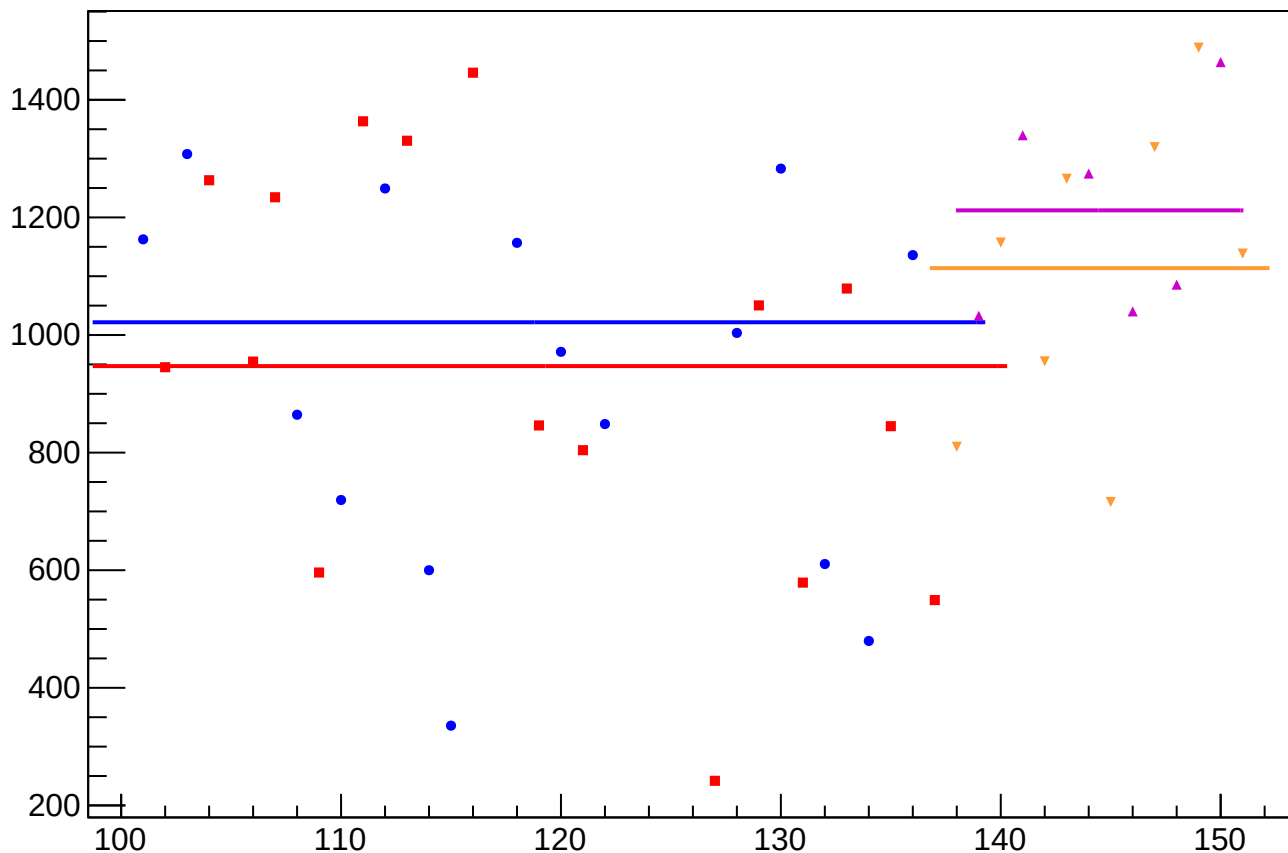
χ^2/NDF : 99017739292062417643182618283796856832.0/5

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14
 Left Out: 256.849 $\pm$ 0.000 χ^2 /NDF: 1336126709102965713607447096309317632.0/7
 Right Out: 233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15
 Left In: 279.416 $\pm$ 0.000 χ^2 /NDF: 783619401673671638718286241344782336.0/5

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1113.744 $\pm$ 0.000 χ^2 /NDF: 38023893801940446731487834354860687360.0/7

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

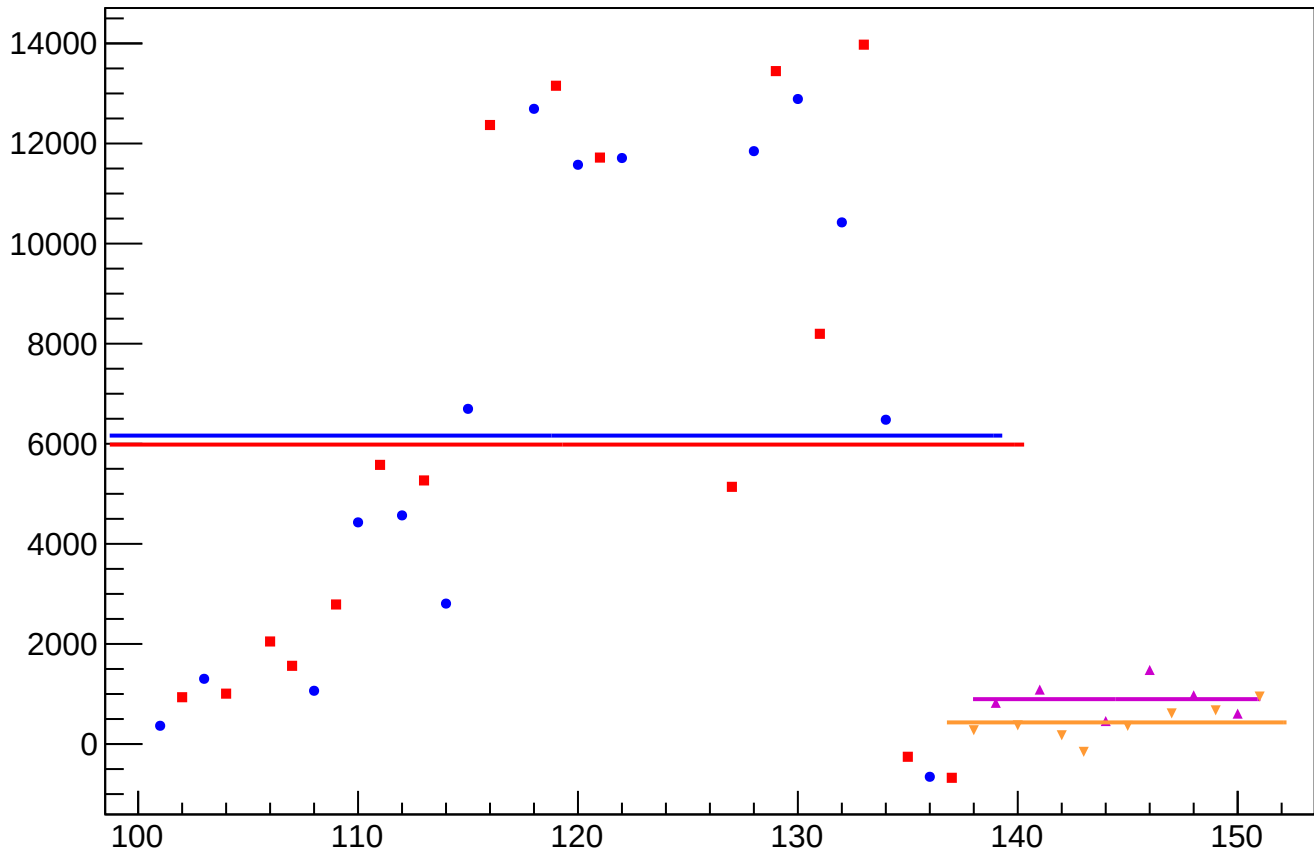
Left In: 1211.994 $\pm$ 0.000 χ^2 /NDF: 13916433354967532661052491011247308800.0/5

+ sign 1065.638 $\pm$ 0.000 χ^2 /NDF: 81143120667845

All: 1064.006 $\pm$ 0.000 χ^2 /NDF: 18319128739

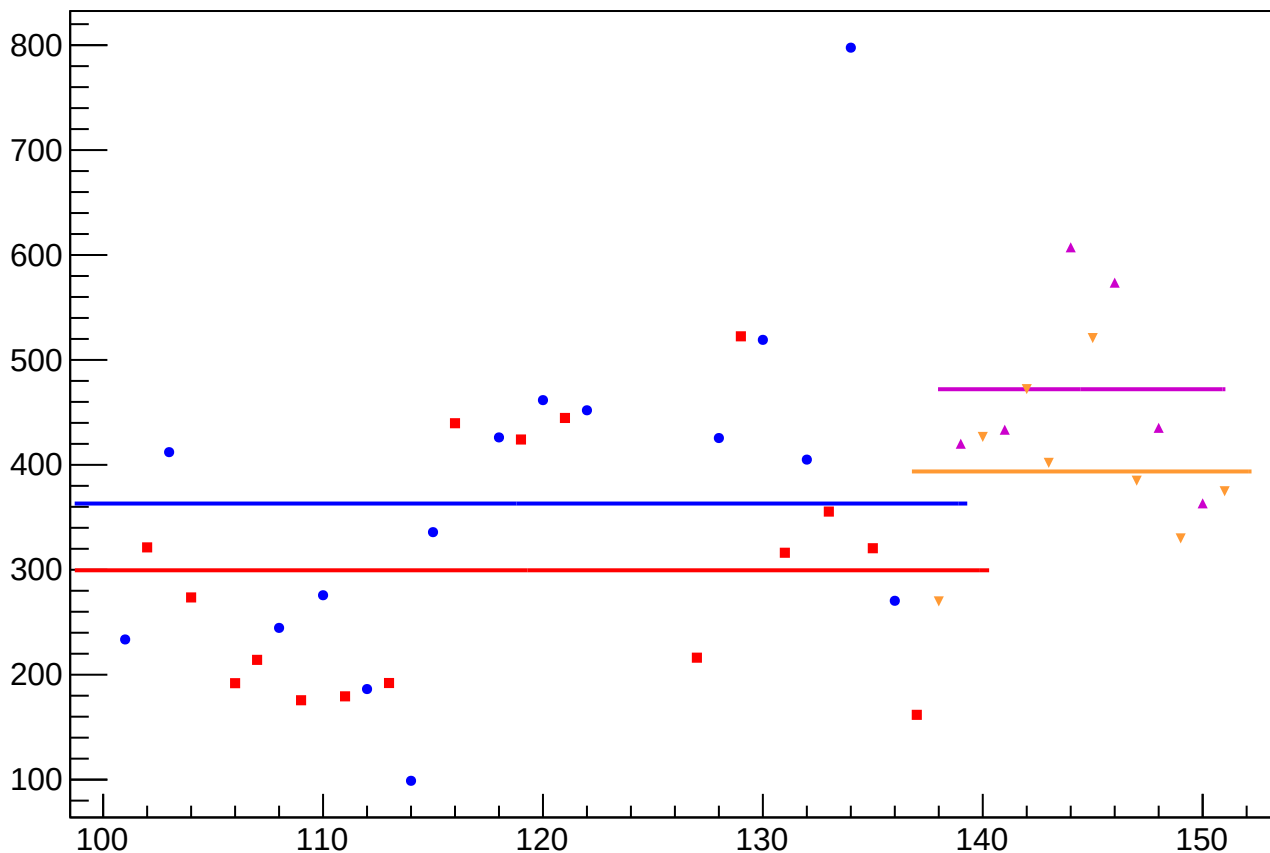
- sign 1062.287 $\pm$ 0.000 χ^2 /NDF: 10204137110021

dit_sam6_coil7_mean vs Slug



Right In: 6163.445 ± 0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 432.243 ± 0.000 χ^2/NDF : 56789372313780747616099931448177328128.0/7
 Right Out: 5983.876 ± 0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 897.017 ± 0.000 χ^2/NDF : 56896614992351228476600546182591152128.0/5

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 393.701+/-0.000 χ^2/NDF : 3256824791320671439337807223749345280.0/7

Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

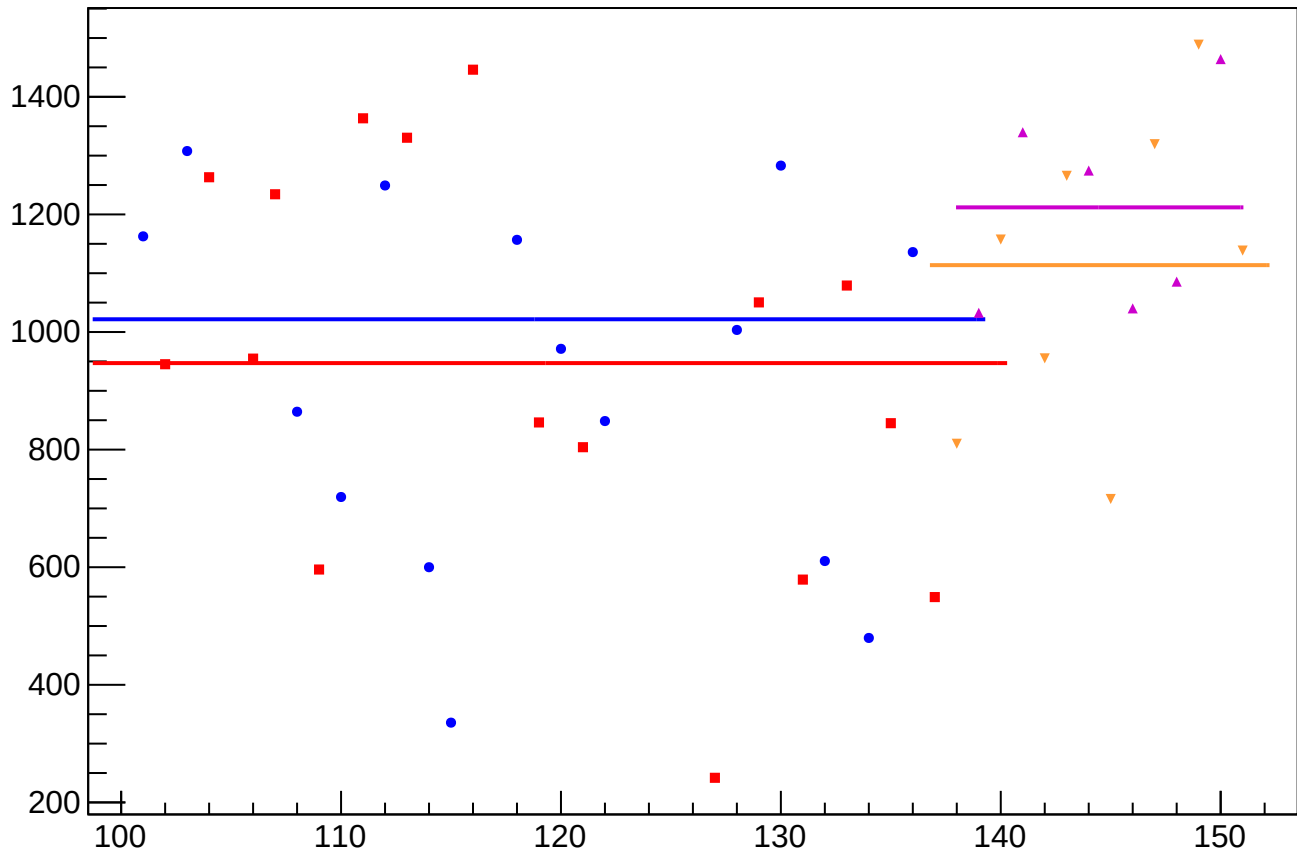
Left In: 472.075+/-0.000 χ^2/NDF : 4019330745758910046890744658597511168.0/5

+ sign 377.728+/-0.000 χ^2/NDF : 150491485646538

All: 376.172+/-0.000 χ^2/NDF : 353947838226

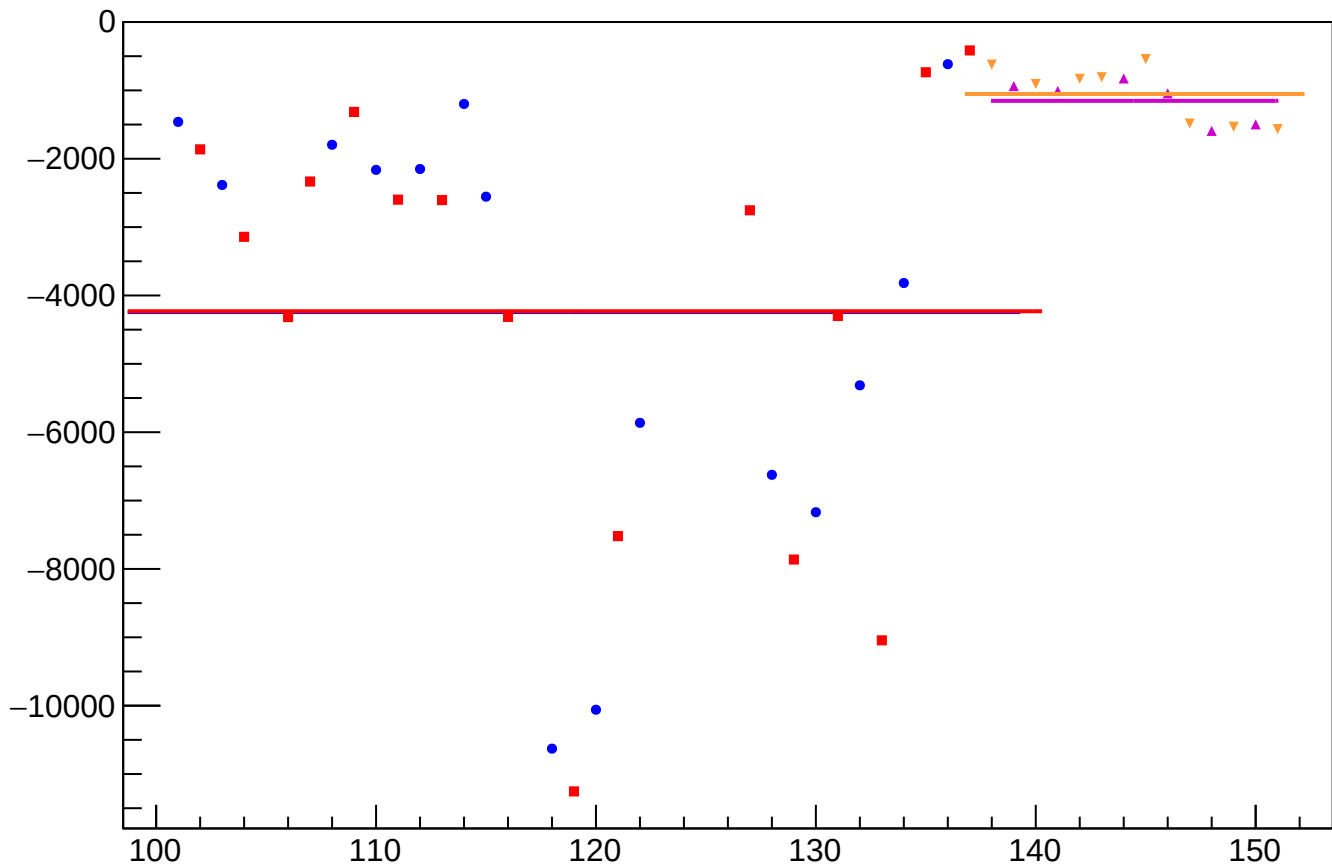
- sign 374.534+/-0.000 χ^2/NDF : 203394640759606

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744 $\pm$ 0.000 χ^2 /NDF: 38023893801940446731487834354860687360.0/7
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1211.994 $\pm$ 0.000 χ^2 /NDF: 13916433354967532661052491011247308800.0/5

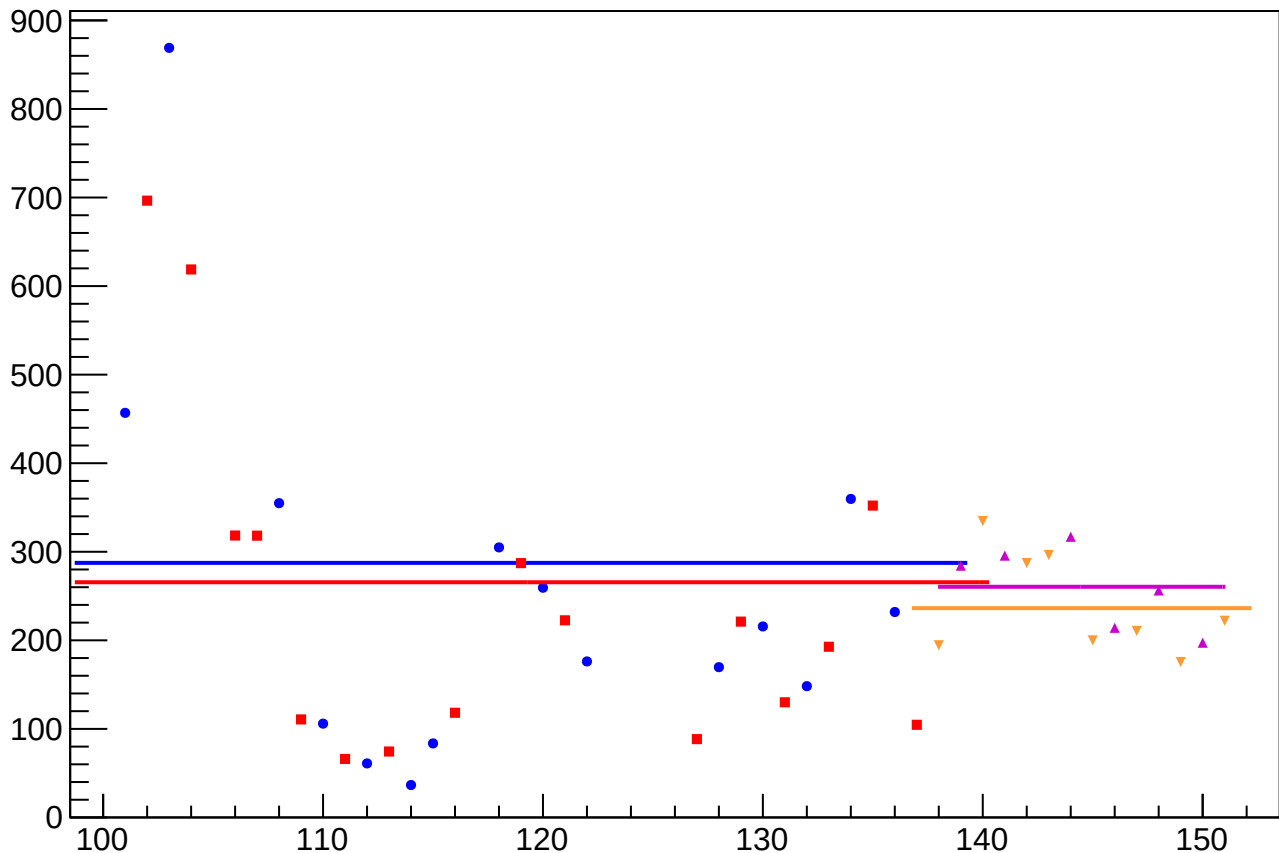
dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000	χ^2/NDF : 6783472272174151371145601081742110752768.0/14
Left Out: -1052.727+/-0.000	χ^2/NDF : 97831480165902124492278128740449386496.0/7
Right Out: -4230.978+/-0.000	χ^2/NDF : 6682409528103016752204343573740930465792.0/15
Left In: -1153.142+/-0.000	χ^2/NDF : 43069775098268442666509337066532241408.0/5

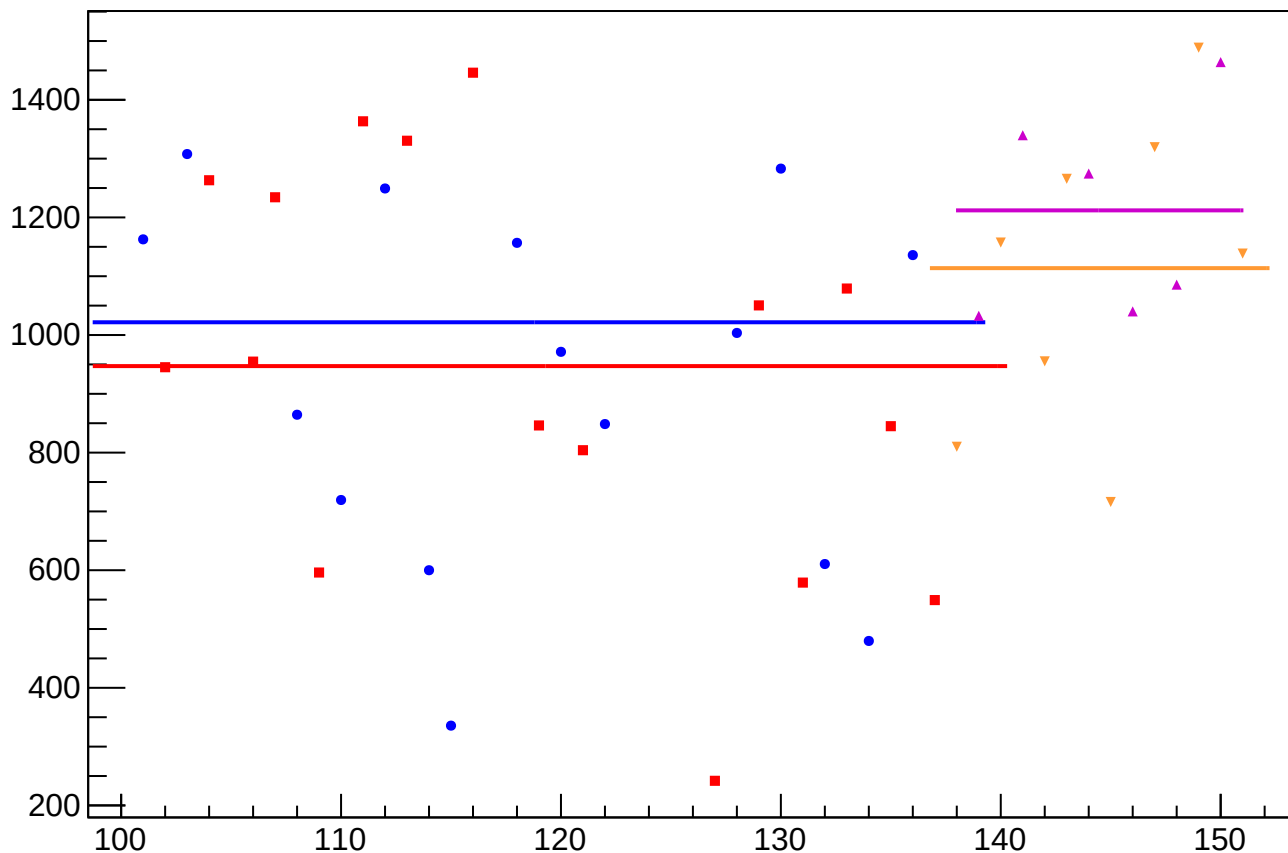
+ sign -2719.355+/-0.000 χ^2/NDF : 1003346607340
 All: -2803.907+/-0.000 χ^2/NDF : 1952412865
 - sign -2892.902+/-0.000 χ^2/NDF : 94724376757103

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14
 Left Out: 236.353+/-0.000 χ^2/NDF : 1774404800019554620359493855978979328.0/7
 Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15
 Left In: 260.475+/-0.000 χ^2/NDF : 977861082821161022768175463947829248.0/5

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744 +/- 0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

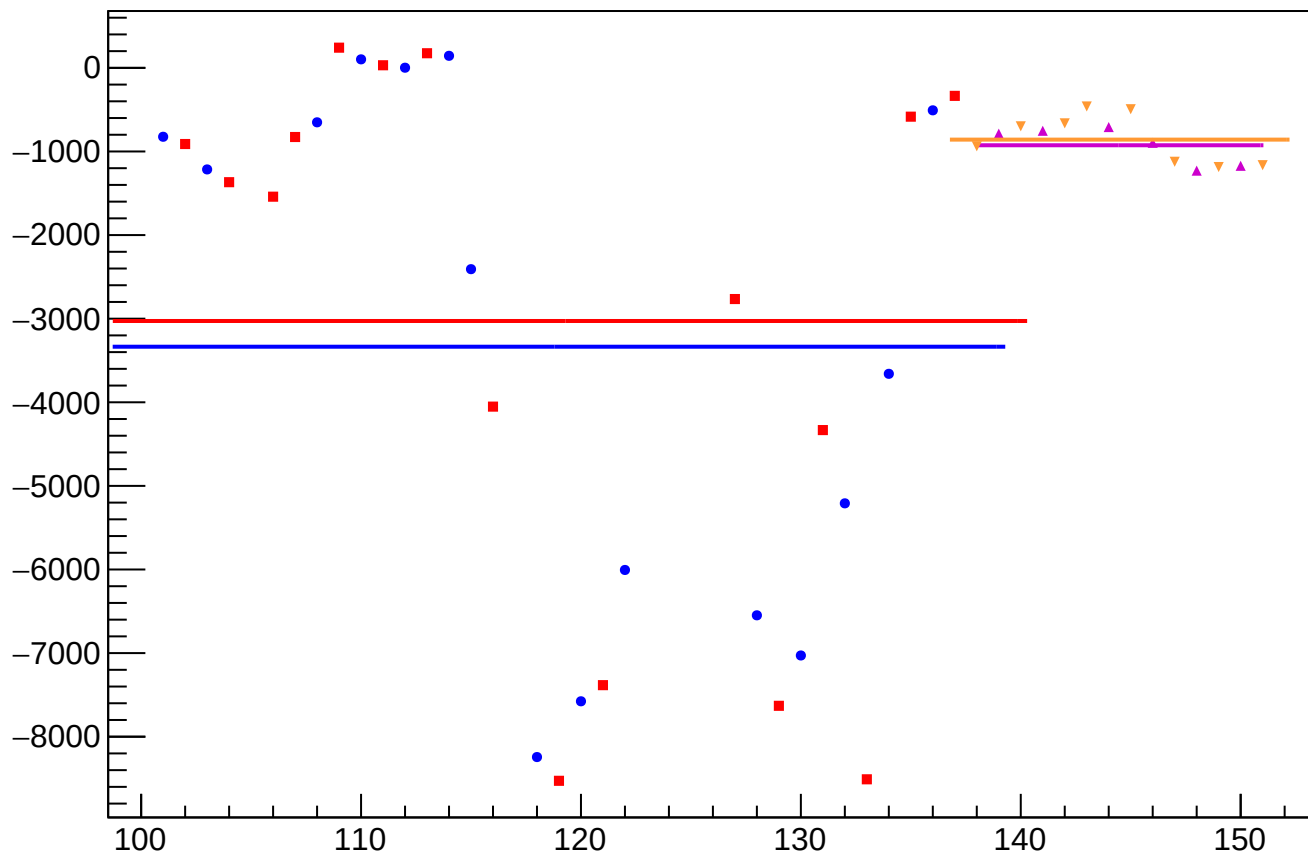
Left In: 1211.994 +/- 0.000 χ^2/NDF : 13916433354967532661052491011247308800.0/5

+ sign 1065.638 +/- 0.000 χ^2/NDF : 81143120667845

All: 1064.006 +/- 0.000 χ^2/NDF : 18319128739

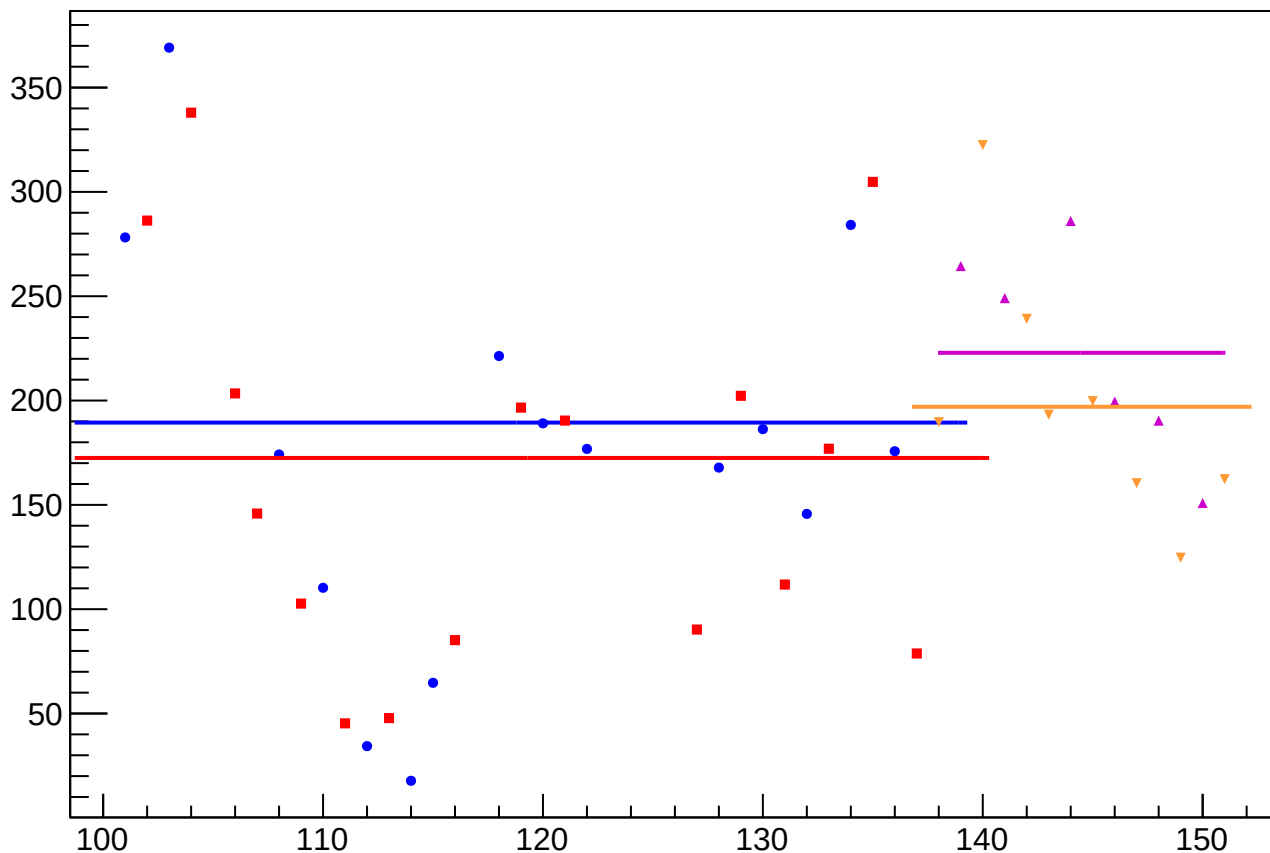
- sign 1062.287 +/- 0.000 χ^2/NDF : 10204137110021

dit_sam8_coil7_mean vs Slug



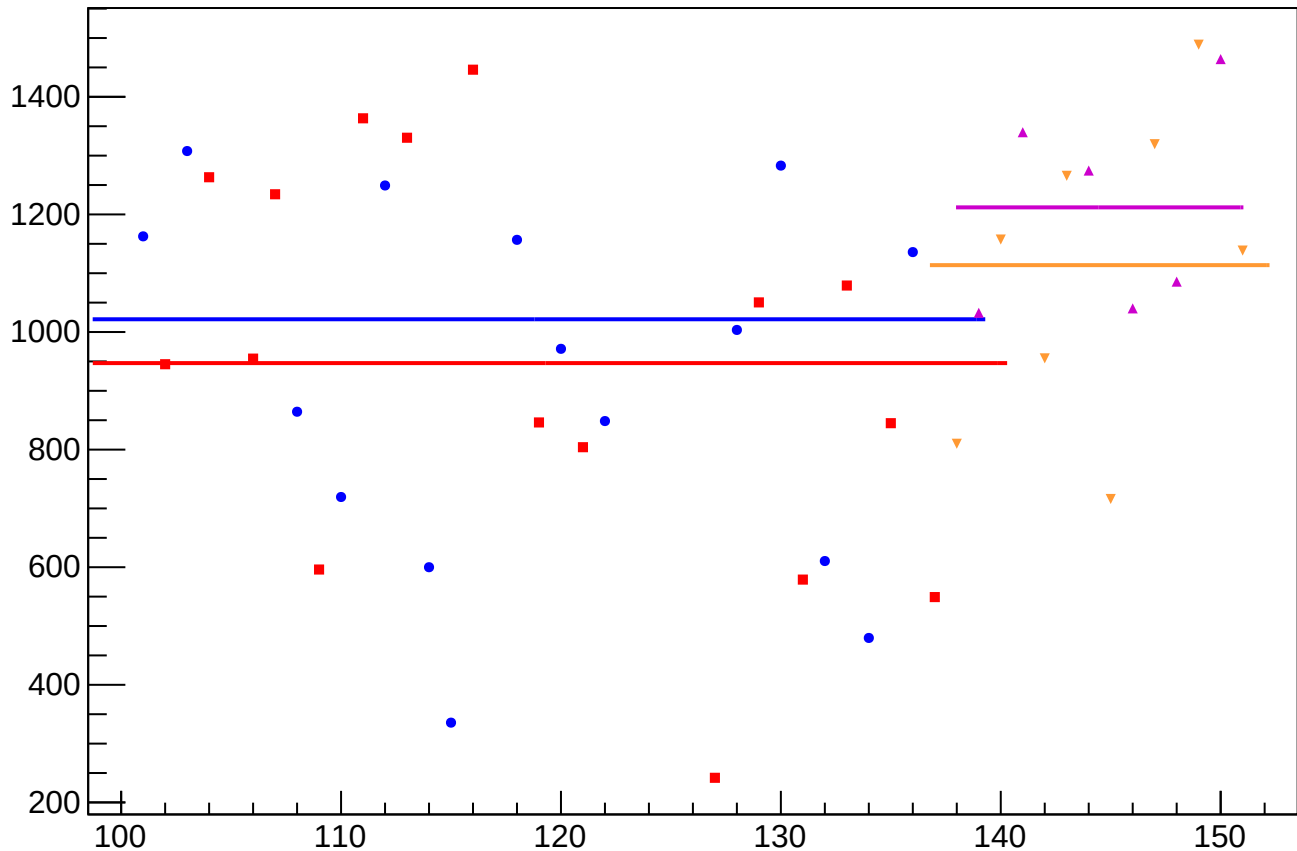
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -858.256+/-0.000 χ^2/NDF : 47261127604509956831020247936254607360.0/7
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -925.716+/-0.000 χ^2/NDF : 21642638180240020548376544450285928448.0/5

dit_sam8_coil7_err_mean vs Slug



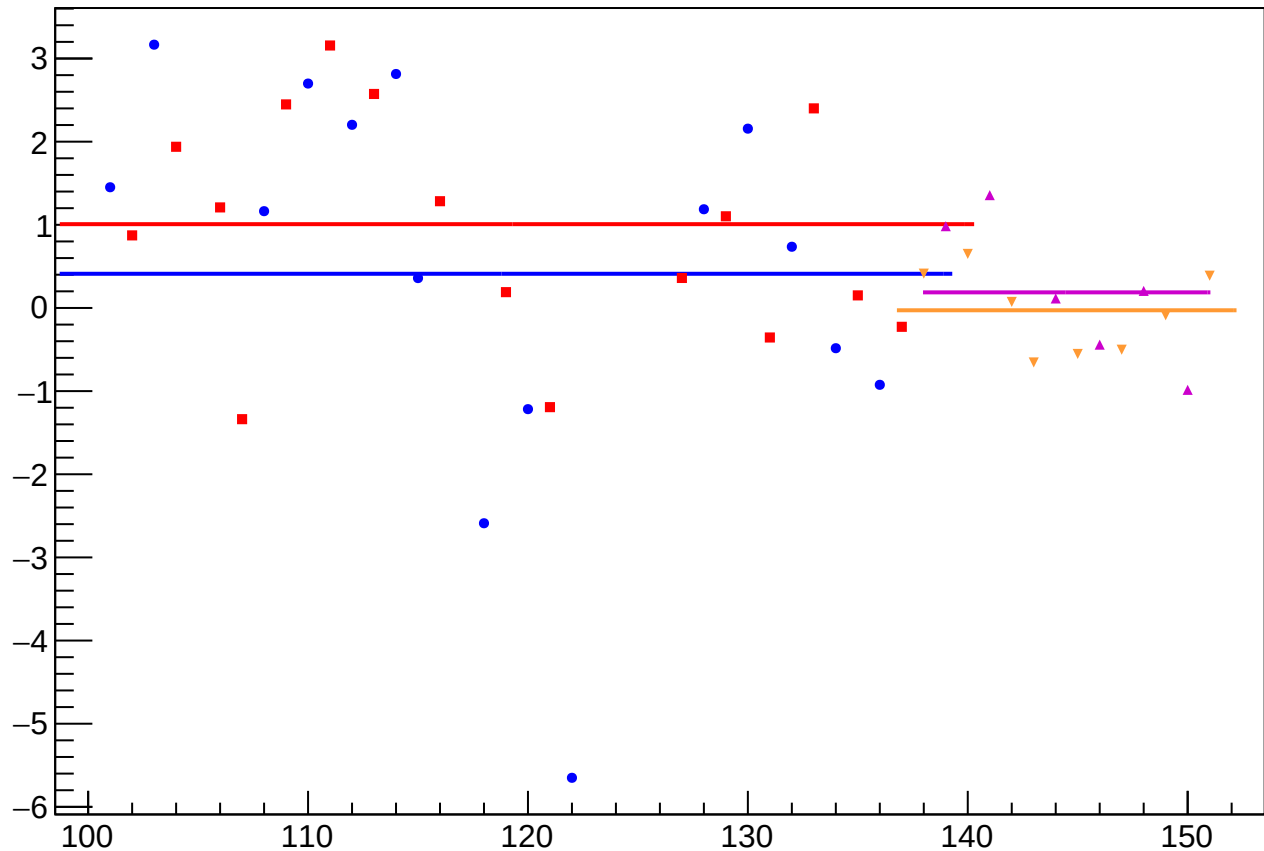
Right In: 189.442 ± 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 197.021 ± 0.000 χ^2/NDF : 2014140853205049293198975869843931136.0/7
 Right Out: 172.485 ± 0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: 222.877 ± 0.000 χ^2/NDF : 1159271731491515176692868797322756096.0/5

dit_sam8_coil7_Ndata_mean vs Slug



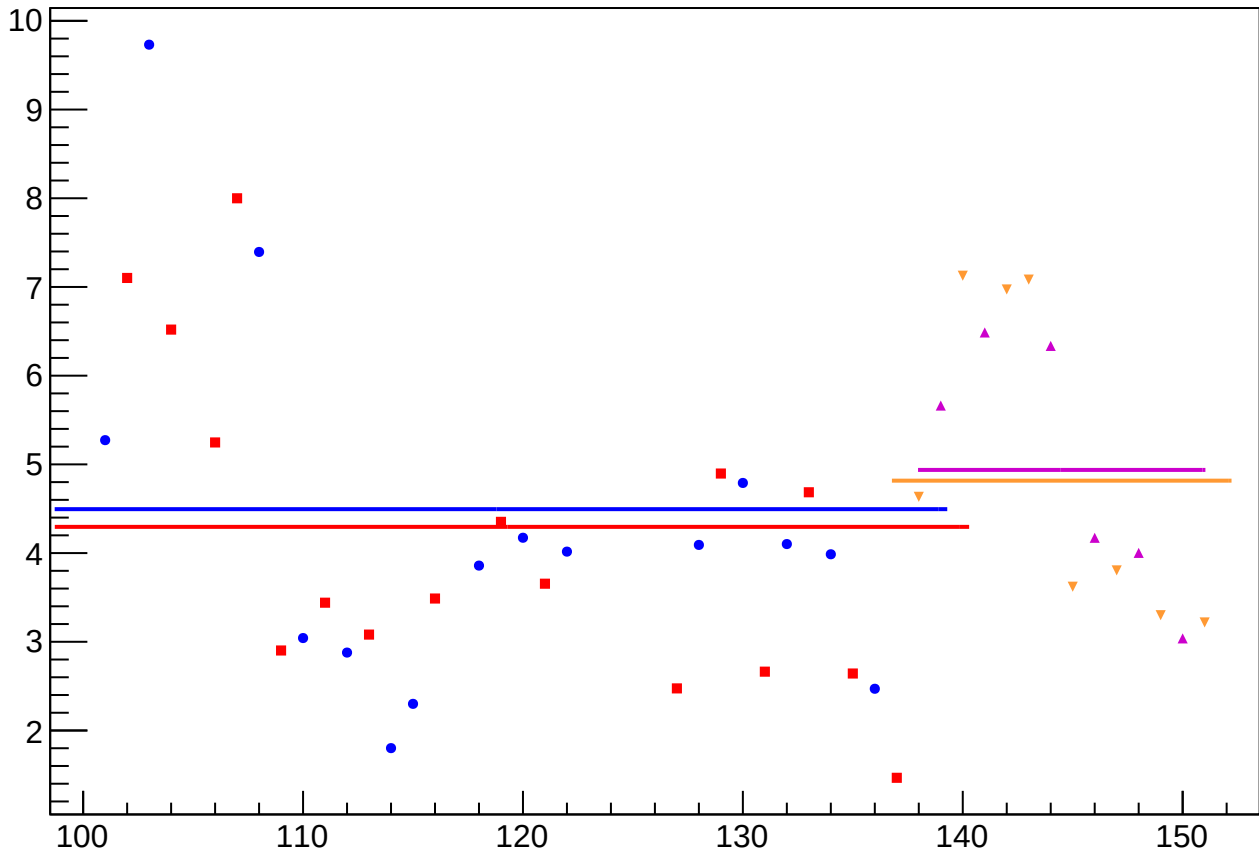
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744 $\pm$ 0.000 χ^2 /NDF: 38023893801940446731487834354860687360.0/7
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1211.994 $\pm$ 0.000 χ^2 /NDF: 13916433354967532661052491011247308800.0/5

dit_4aX_coil4_mean vs Slug



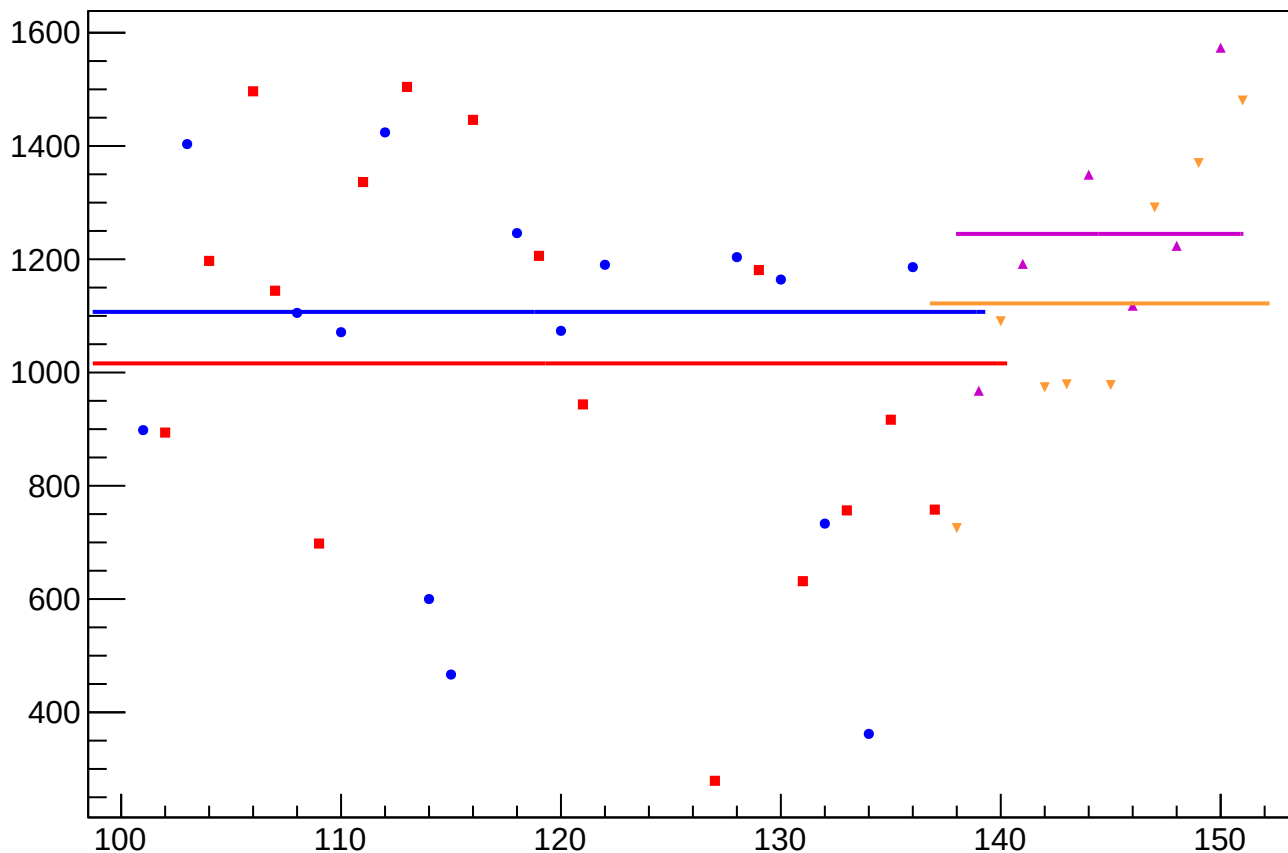
Right In: 0.411 ± 0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: -0.028 ± 0.000 χ^2/NDF : 133199938506321417505342262083584.0/7
 Right Out: 1.008 ± 0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: 0.188 ± 0.000 χ^2/NDF : 325869720344600827698699397234688.0/5

dit_4aX_coil4_err_mean vs Slug



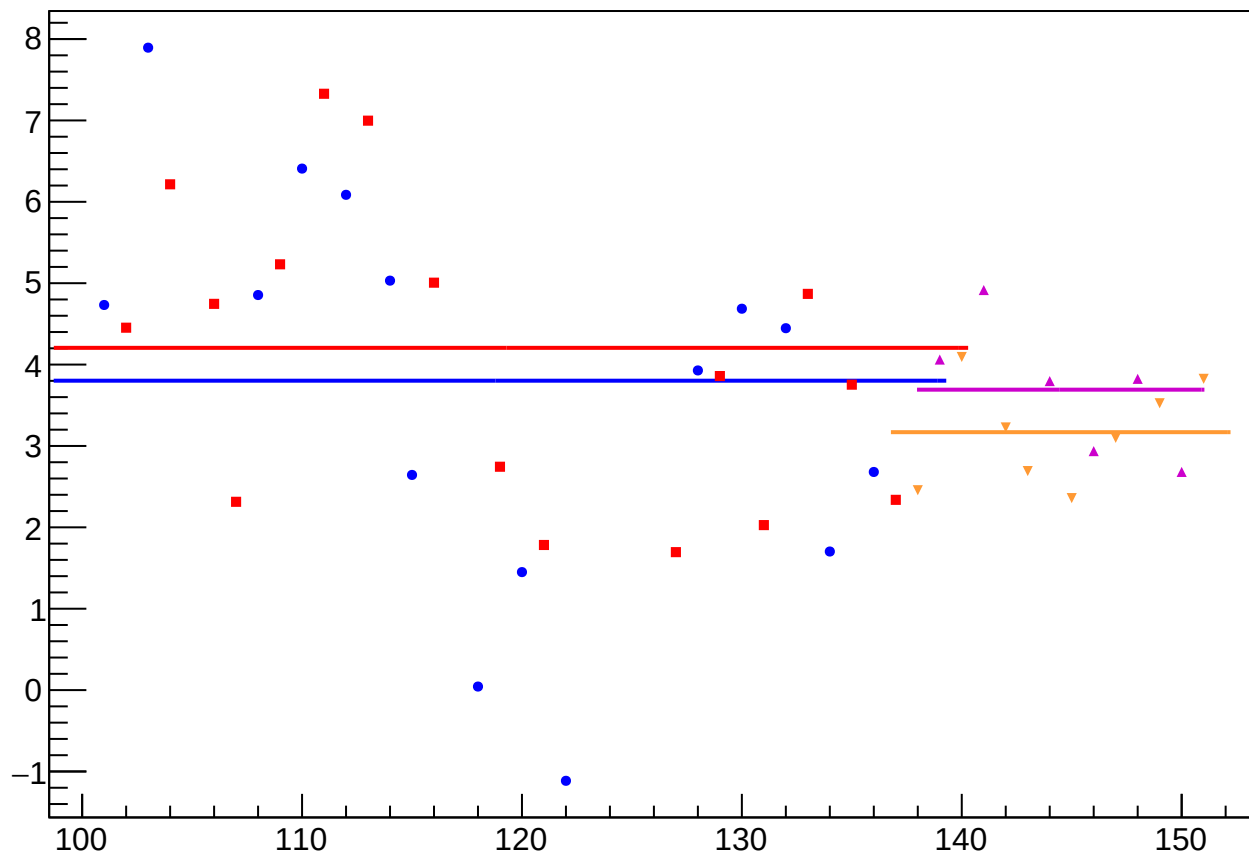
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.816 ± 0.000 χ^2/NDF : 1583754294918634550050187366105088.0/7
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.938 ± 0.000 χ^2/NDF : 870973766599340506266618961068032.0/5
 All: 4.613 ± 0.000 χ^2/NDF : 73637032115053
 + sign 4.649 ± 0.000 χ^2/NDF : 43579890419952605
 - sign 4.575 ± 0.000 χ^2/NDF : 30024075361691361

dit_4aX_coil4_Ndata_mean vs Slug



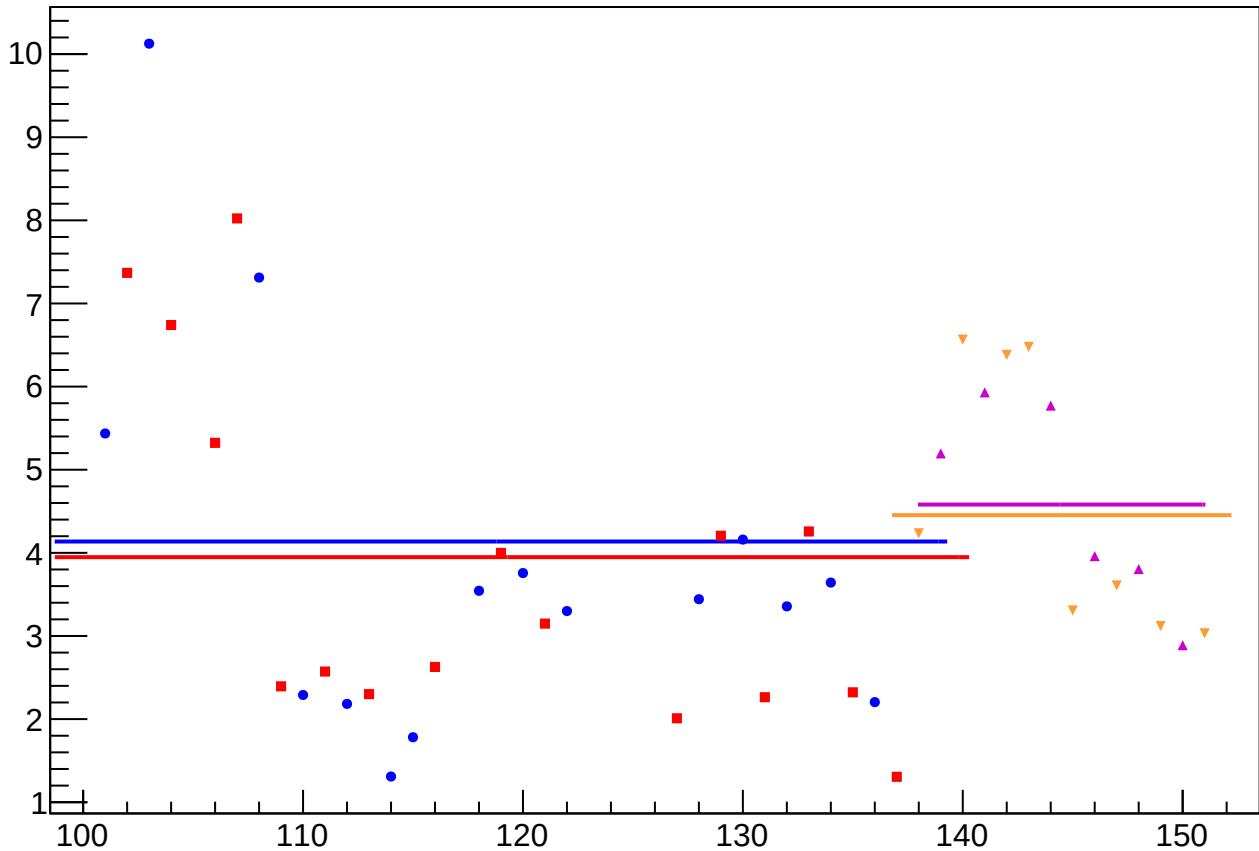
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

dit_4eX_coil4_mean vs Slug



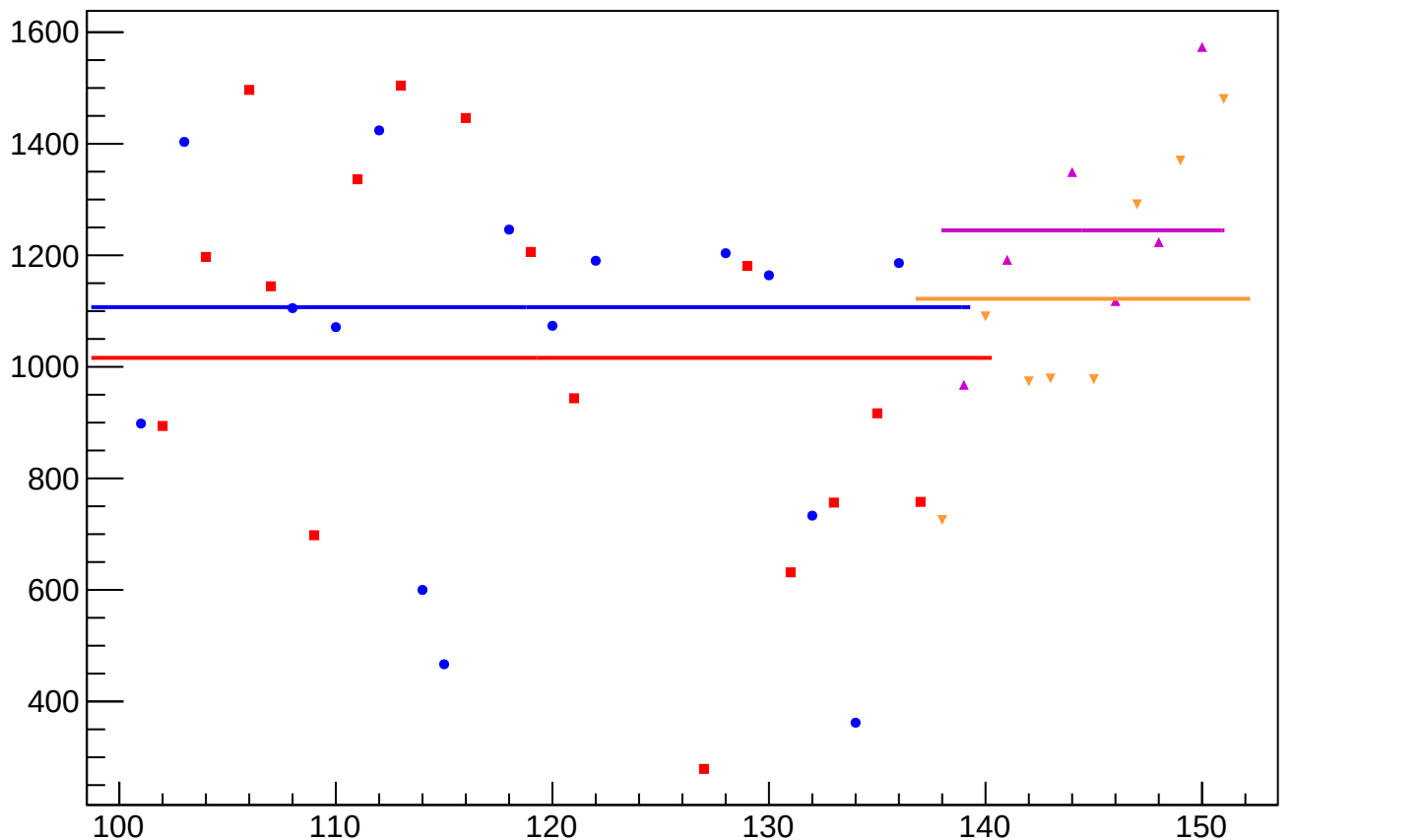
Right In: 3.802 $\pm$ 0.000 χ^2 /NDF: 3795476074398338930564700657680384.0/14
 Left Out: 3.169 $\pm$ 0.000 χ^2 /NDF: 222422295652783117868958855725056.0/7
 Right Out: 4.206 $\pm$ 0.000 χ^2 /NDF: 2096427813341454573332265183477760.0/15
 Left In: 3.692 $\pm$ 0.000 χ^2 /NDF: 28124617372544282150143777805312.0/5

dit_4eX_coil4_err_mean vs Slug



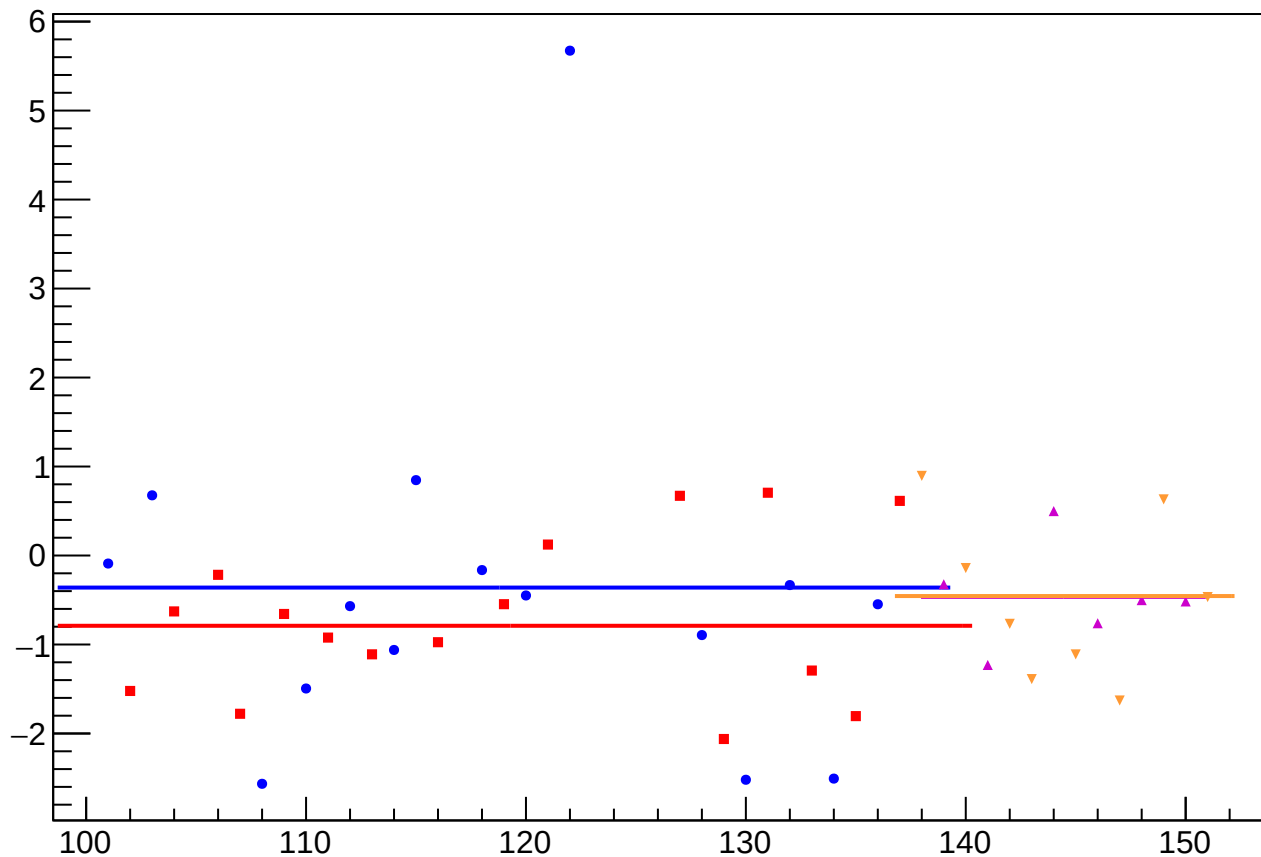
Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.454+/-0.000 χ^2/NDF : 1282347212863387287115420533784576.0/7
 Right Out: 3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 4.581+/-0.000 χ^2/NDF : 654539374213009537843944161804288.0/5

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024+/-0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1244.807+/-0.000 χ^2/NDF : 18636269777348835849535685142220111872.0/5

dit_11X12X_coil4_mean vs Slug



Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.455 ± 0.000 χ^2/NDF : 454644499125459983078222131625984.0/7

Right Out: -0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

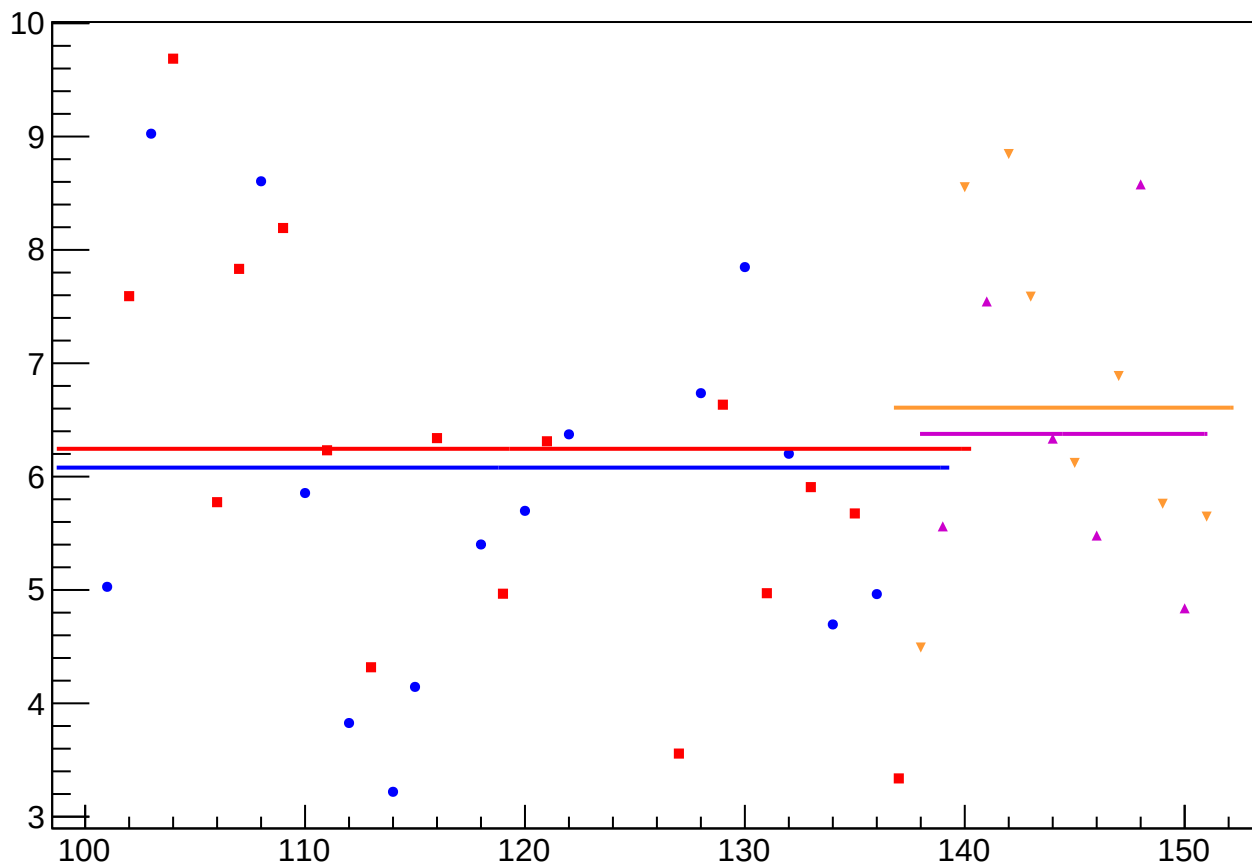
Left In: -0.465 ± 0.000 χ^2/NDF : 141706863469641922575580404908032.0/5

+ sign -0.406 ± 0.000 χ^2/NDF : 2637711568306782

All: -0.524 ± 0.000 χ^2/NDF : 3308721261283

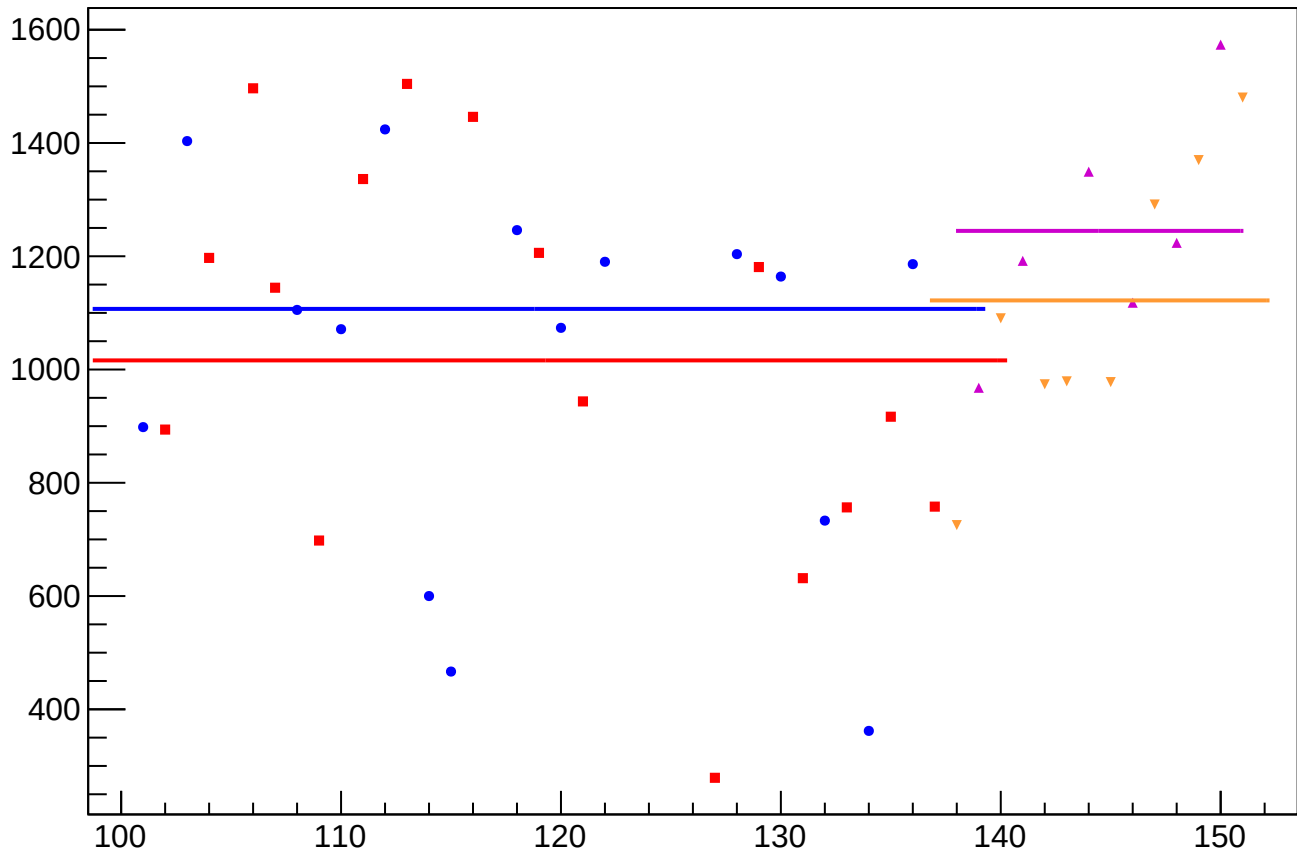
- sign -0.648 ± 0.000 χ^2/NDF : 63536920315166692

dit_11X12X_coil4_err_mean vs Slug



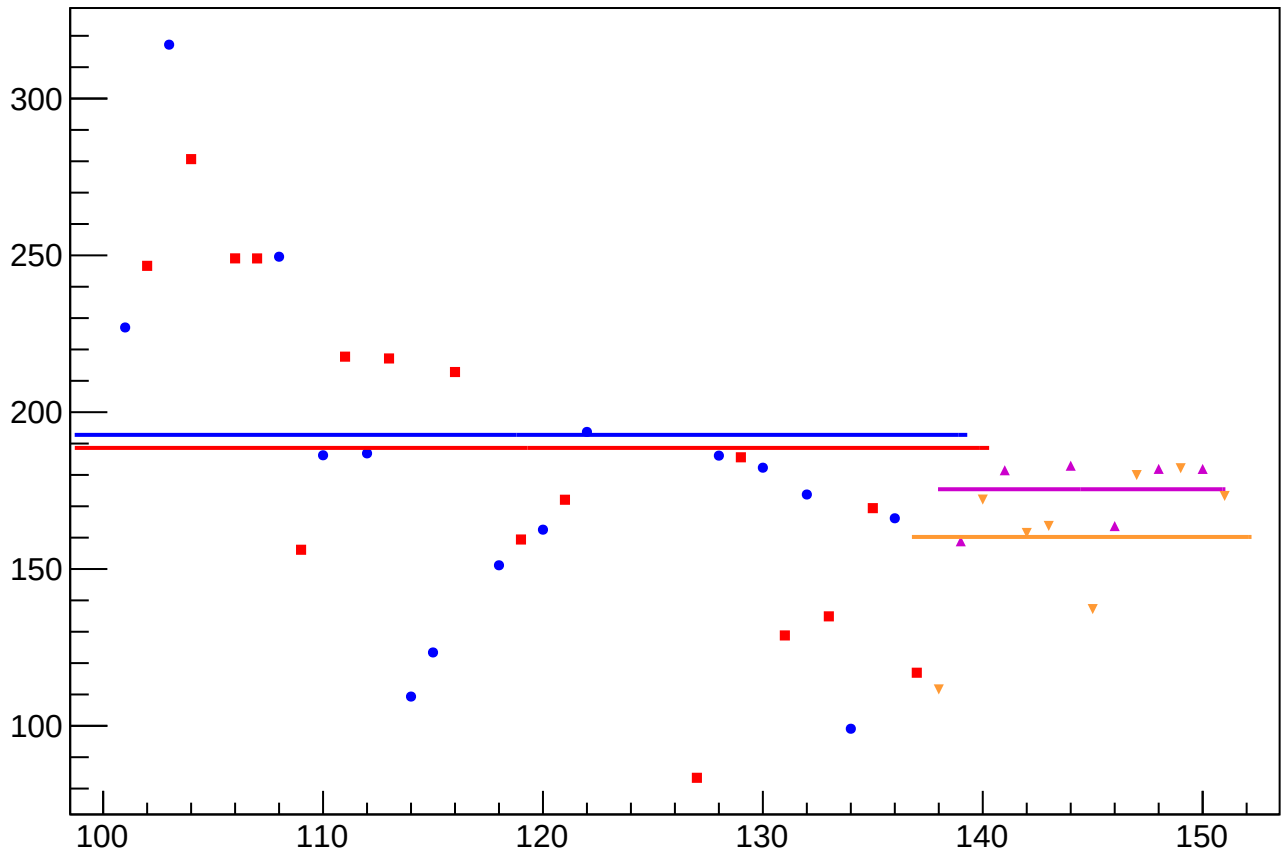
Right In: 6.079 $\pm$ 0.000 χ^2 /NDF: 1590295171022705157509900448825344.0/14
 Left Out: 6.608 $\pm$ 0.000 χ^2 /NDF: 111059109171846394285908887545856.0/7
 Right Out: 6.245 $\pm$ 0.000 χ^2 /NDF: 1816529163105006938510976985595904.0/15
 Left In: 6.377 $\pm$ 0.000 χ^2 /NDF: 859225989949738506486739336429568.0/5
 All: 6.318 $\pm$ 0.000 χ^2 /NDF: 54688299636259
 + sign 6.332 $\pm$ 0.000 χ^2 /NDF: 27875406659680013
 - sign 6.303 $\pm$ 0.000 χ^2 /NDF: 26807668400157609

dit_11X12X_coil4_Ndata_mean vs Slug



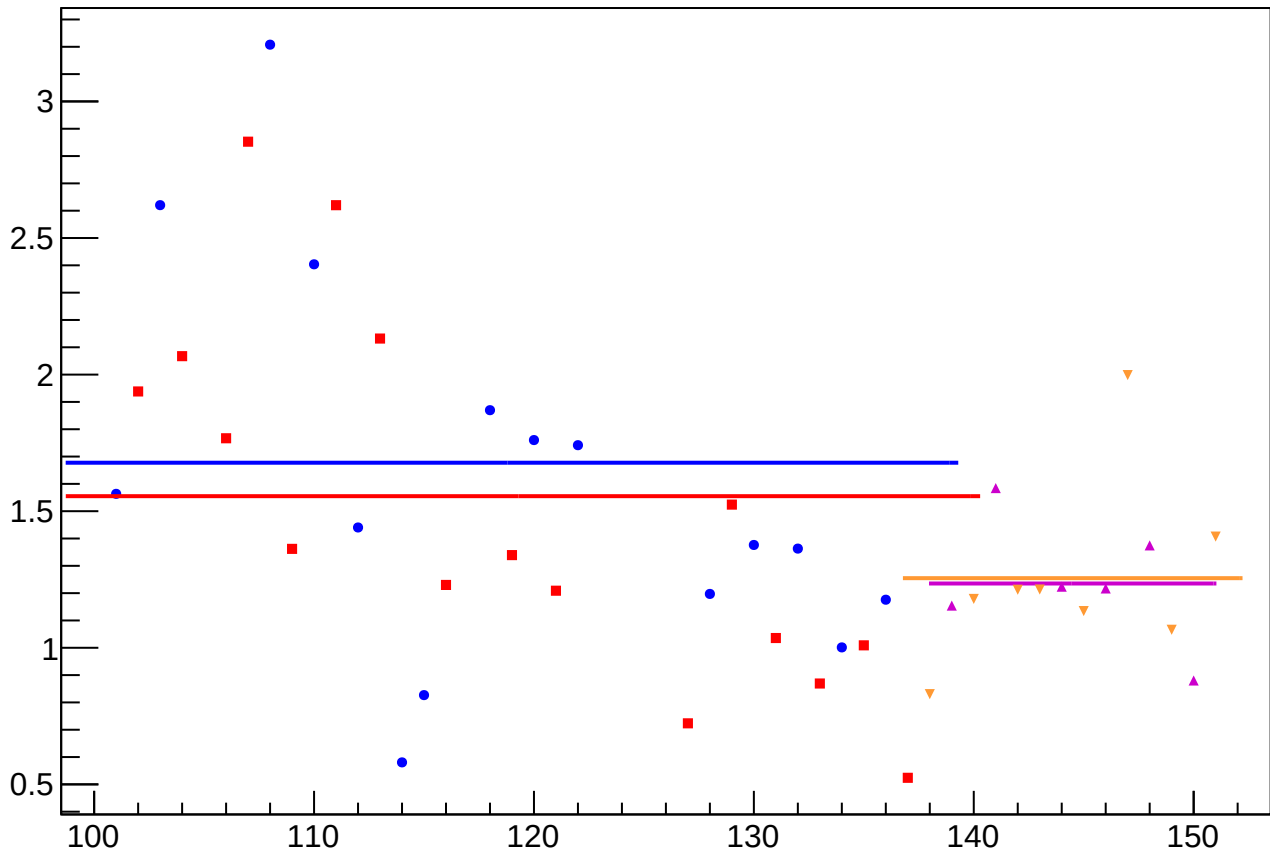
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

dit_4aY_coil4_mean vs Slug



Right In: 192.771 $\pm$ 0.000 χ^2 /NDF: 1640576279746948433391816936236515328.0/14
 Left Out: 160.225 $\pm$ 0.000 χ^2 /NDF: 323553186434959598428647203339763712.0/7
 Right Out: 188.612 $\pm$ 0.000 χ^2 /NDF: 1922342257287674563344204730019610624.0/15
 Left In: 175.434 $\pm$ 0.000 χ^2 /NDF: 49232511151168960708175103334023168.0/5

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.255 $\pm$ 0.000 χ^2 /NDF: 63791776659855005489282729115648.0/7

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

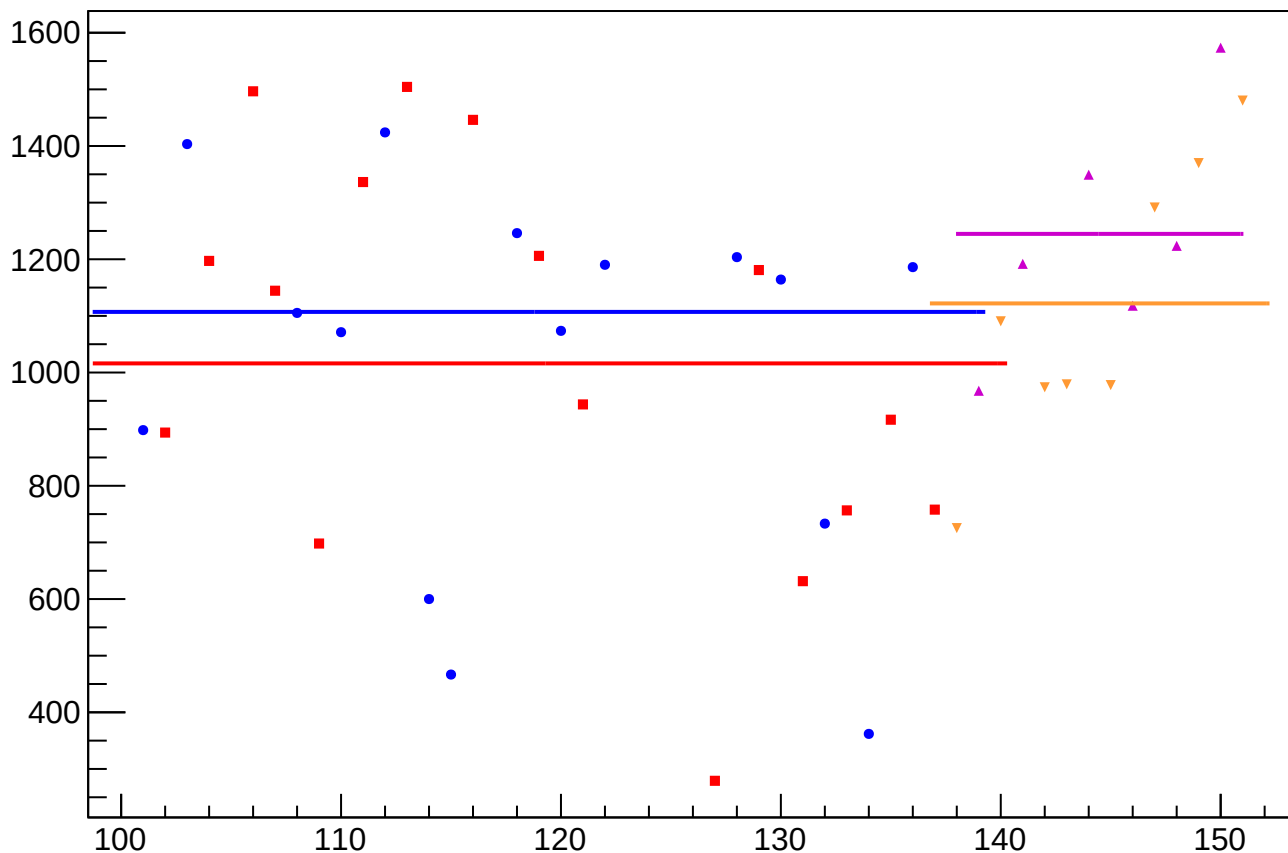
Left In: 1.235 $\pm$ 0.000 χ^2 /NDF: 24044922053154799025762106081280.0/5

+ sign 1.476 $\pm$ 0.000 χ^2 /NDF: 36101583896524583

All: 1.447 $\pm$ 0.000 χ^2 /NDF: 6724911796343

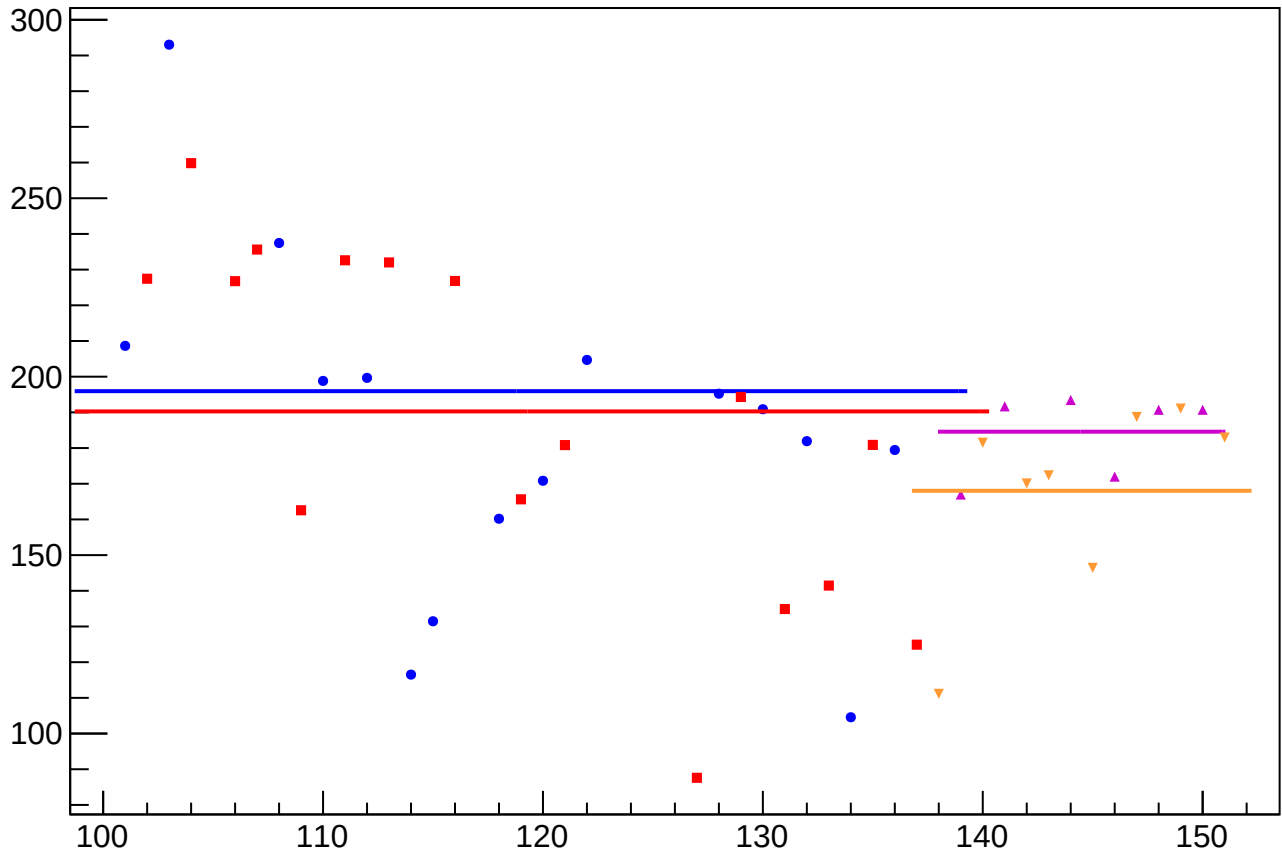
- sign 1.416 $\pm$ 0.000 χ^2 /NDF: 30932170359203041

dit_4aY_coil4_Ndata_mean vs Slug



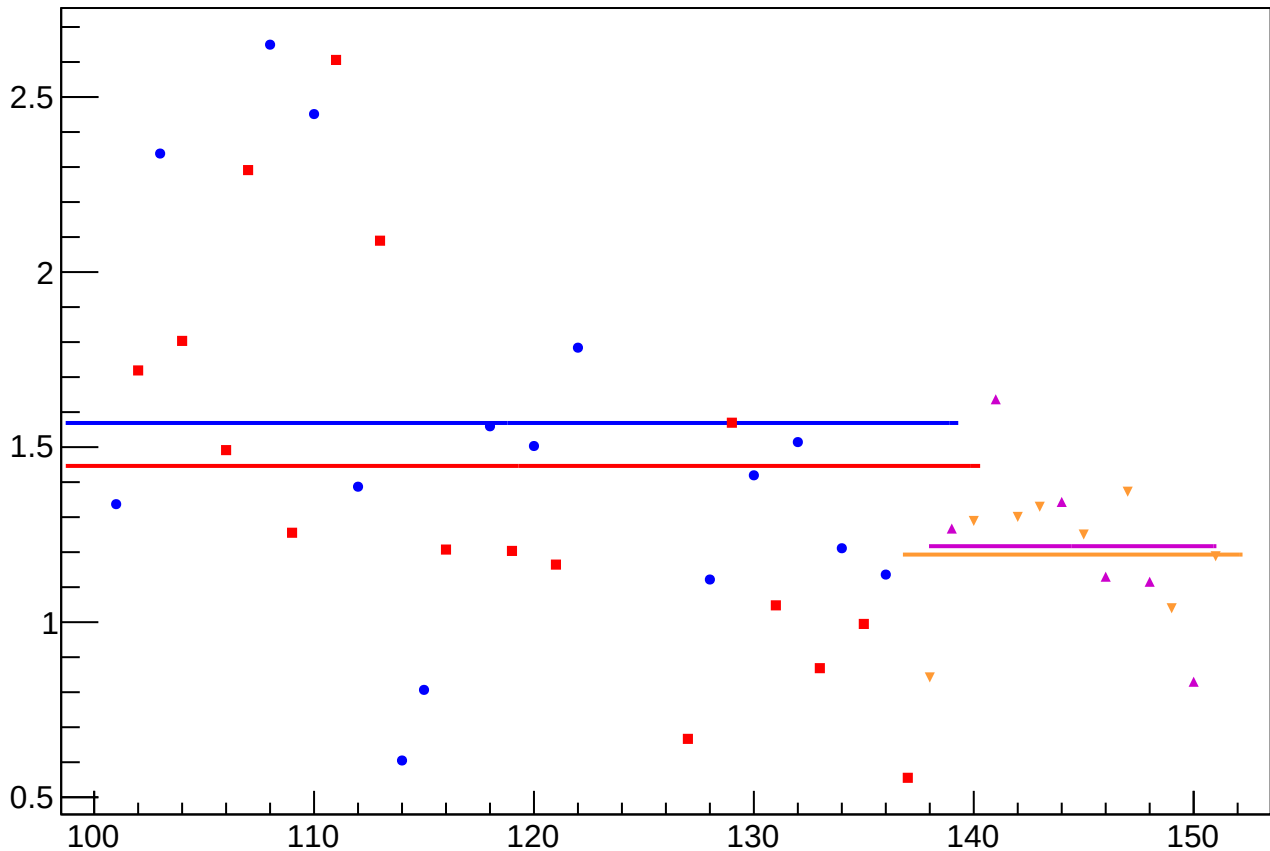
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

dit_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14
 Left Out: 168.028 $\pm$ 0.000 χ^2 /NDF: 401685901930995904271457815711711232.0/7
 Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15
 Left In: 184.583 $\pm$ 0.000 χ^2 /NDF: 56171240818163204638074957979451392.0/5

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.193+/-0.000 χ^2/NDF : 16897715166780285440442916405248.0/7

Right Out: 1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

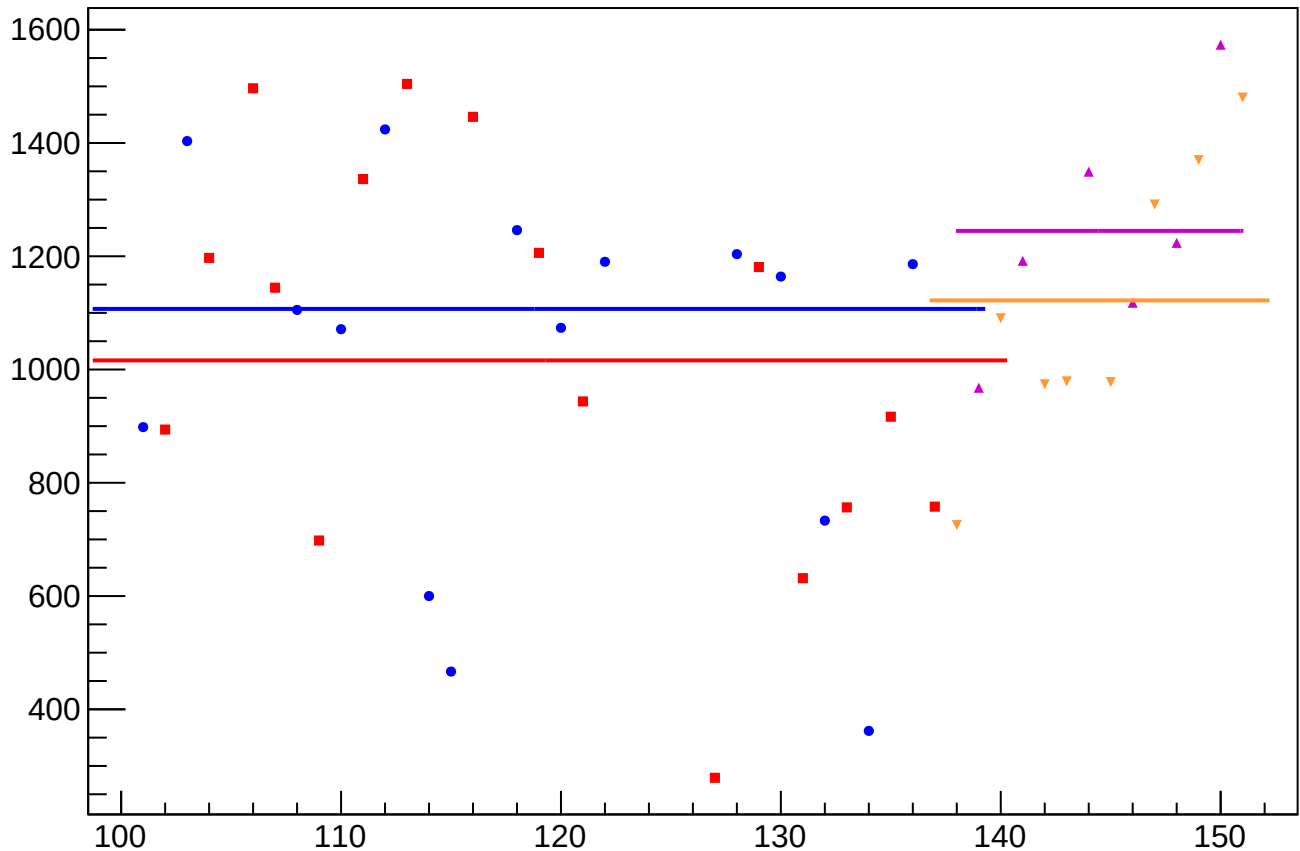
Left In: 1.217+/-0.000 χ^2/NDF : 31731811830085709242983551860736.0/5

+ sign 1.390+/-0.000 χ^2/NDF : 22352870086341680

All: 1.369+/-0.000 χ^2/NDF : 4679093057033

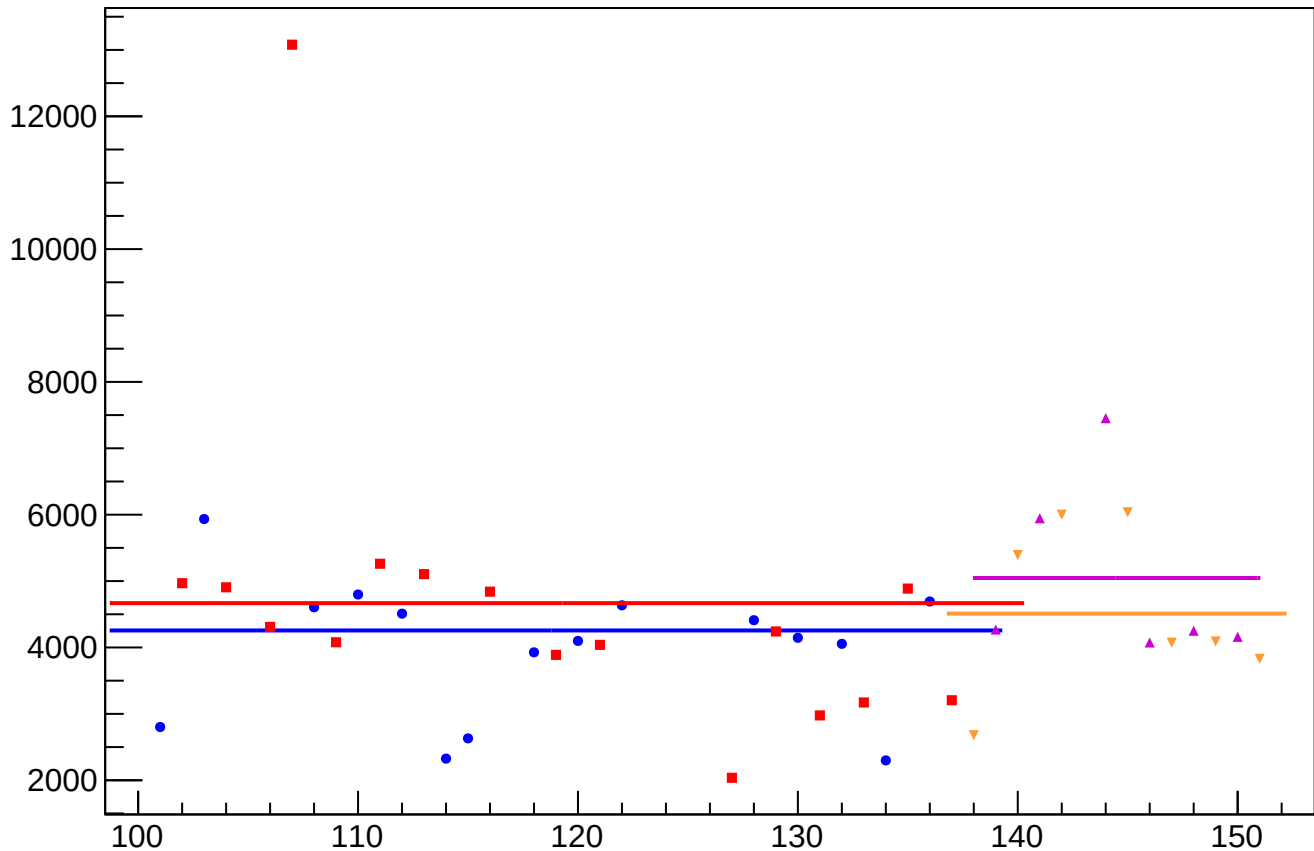
- sign 1.347+/-0.000 χ^2/NDF : 24326870194324604

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

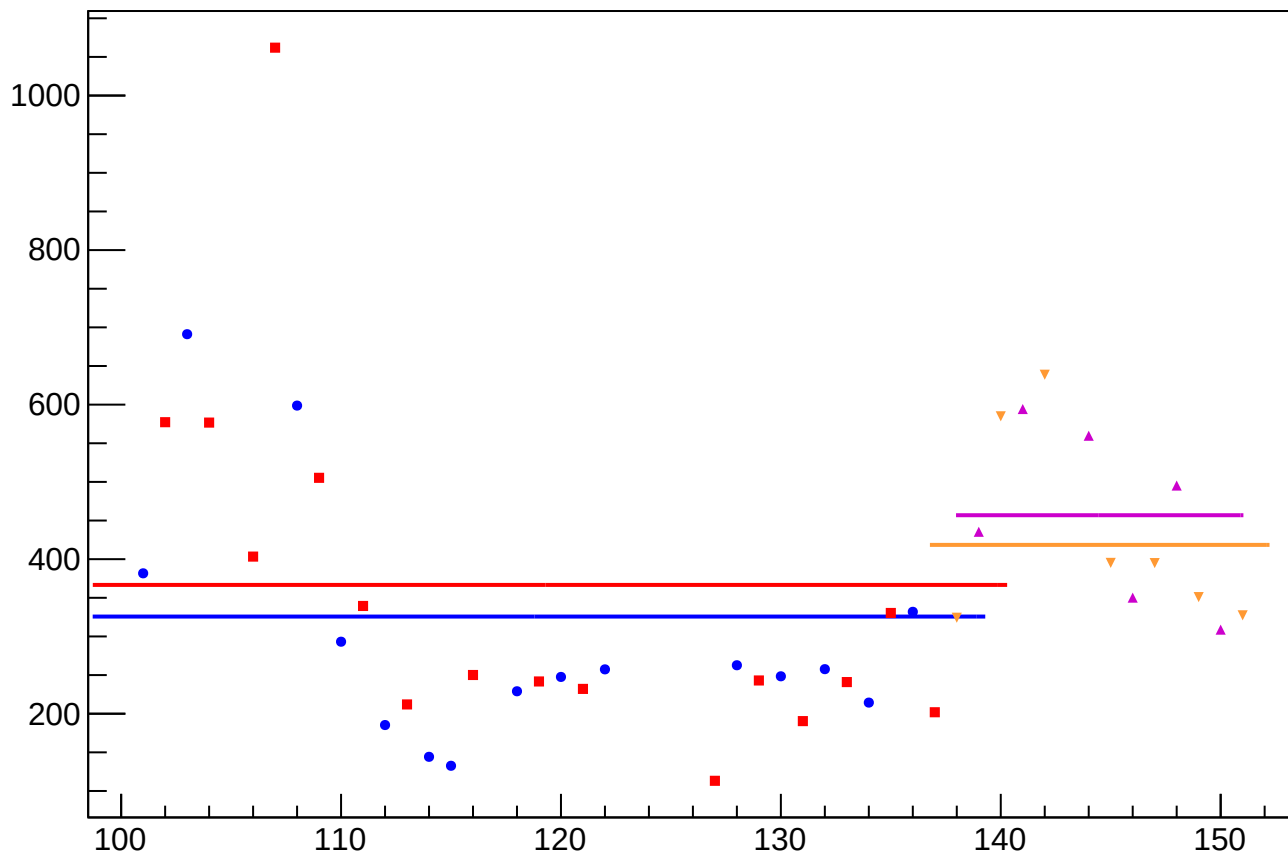
dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4509.681+/-0.000	χ^2/NDF : 681778487833128610727520151188461846528.0/6
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15
Left In: 5046.340+/-0.000	χ^2/NDF : 836078649074103442227342869168134291456.0/5

+ sign 4369.776+/-0.000 χ^2/NDF : 11990238185413
 All: 4601.572+/-0.000 χ^2/NDF : 5404569441
 - sign 4832.387+/-0.000 χ^2/NDF : 40795486374990

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

+ sign 367.255+/-0.000 χ^2/NDF : 234379378756569

Left Out: 418.488+/-0.000 χ^2/NDF : 6304933551664605154973326046926995456.0/6

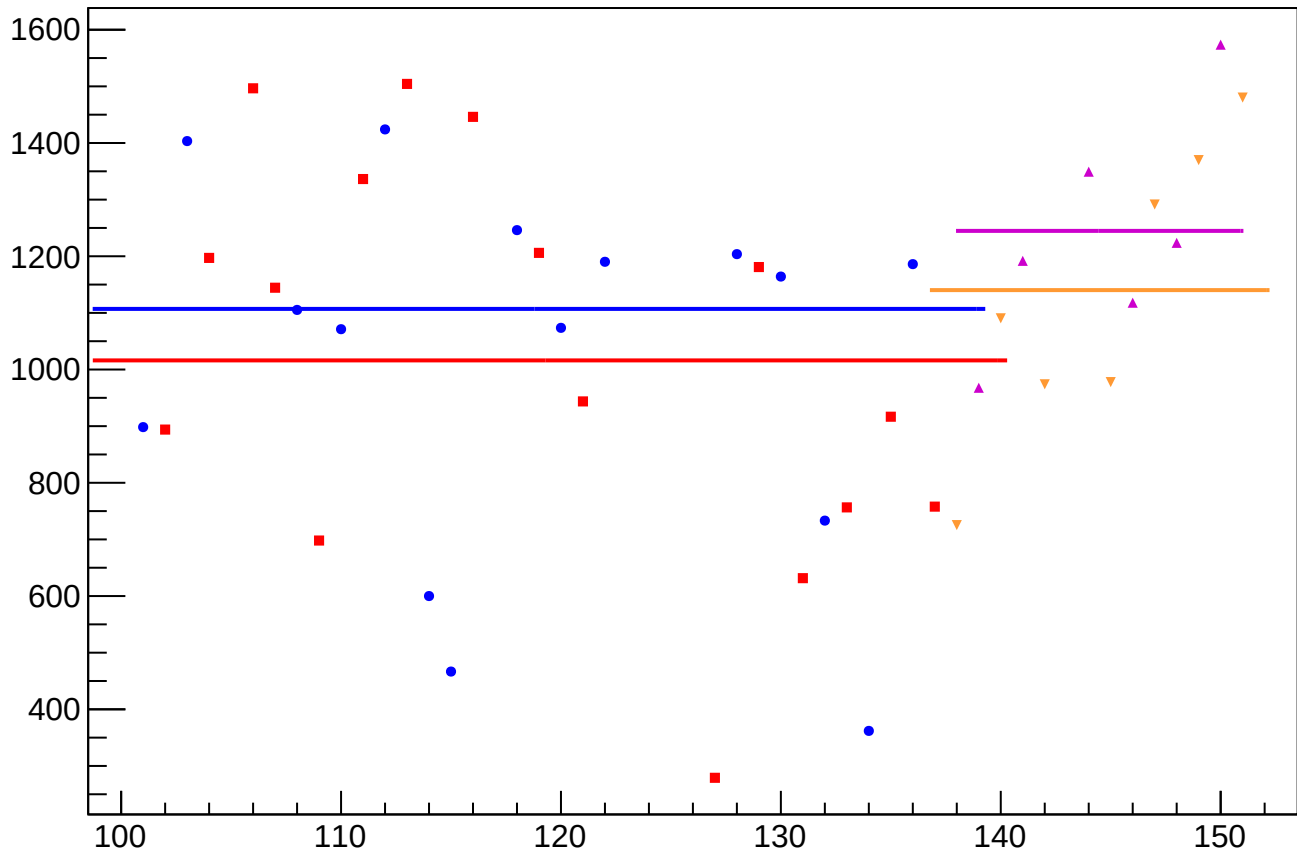
All: 386.618+/-0.000 χ^2/NDF : 644212769856

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

- sign 405.898+/-0.000 χ^2/NDF : 401041780318262

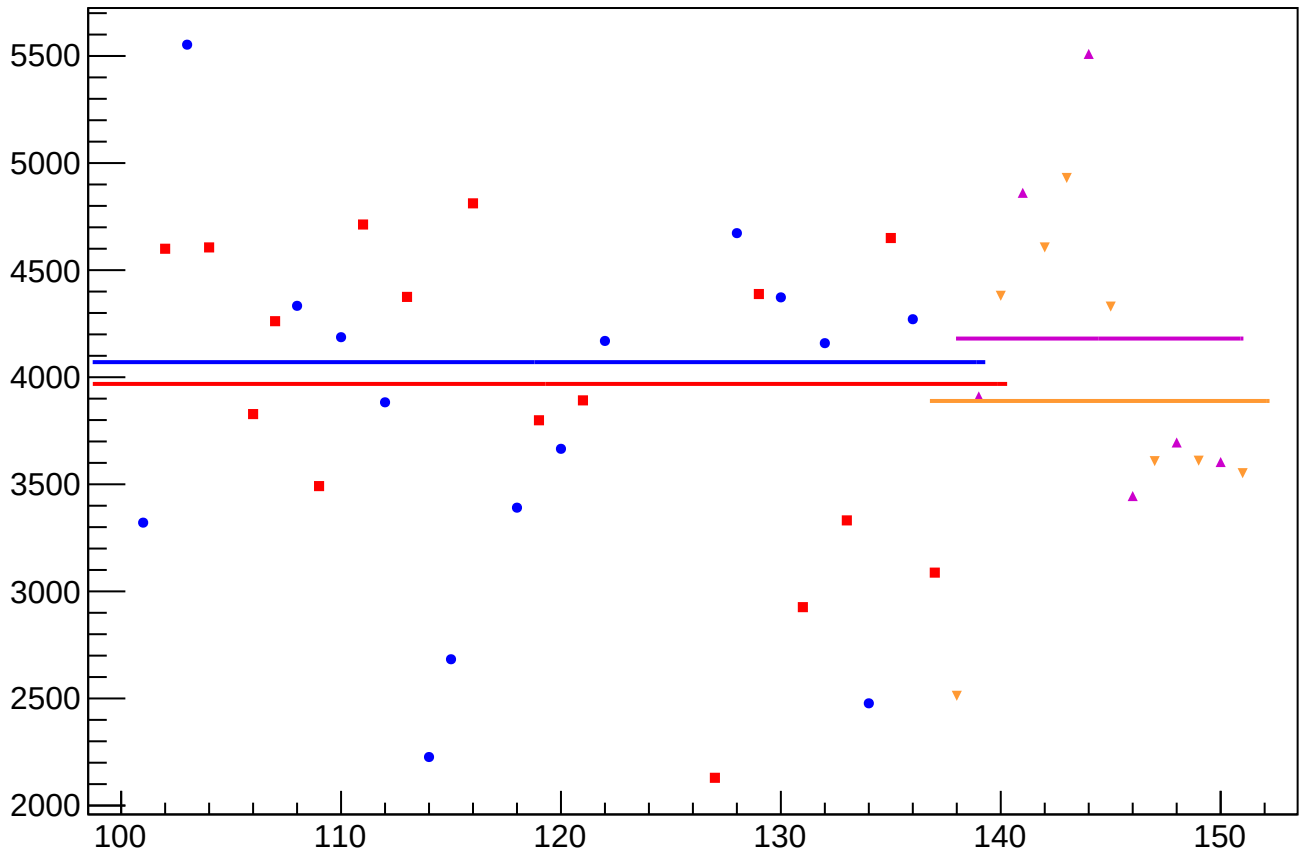
Left In: 456.886+/-0.000 χ^2/NDF : 5647483078610224518488306322759483392.0/5

dit_usl_coil4_Ndata_mean vs Slug



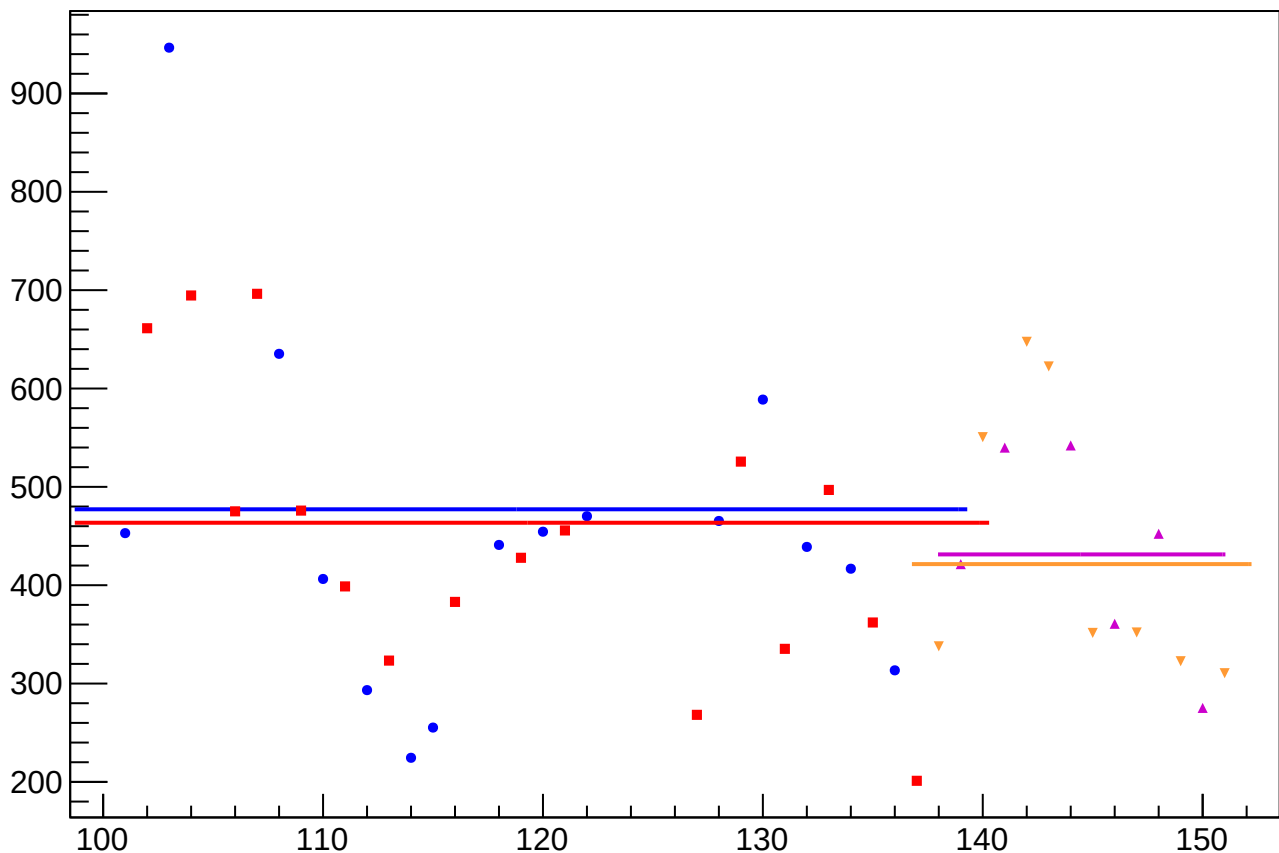
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1140.228 $\pm$ 0.000 χ^2 /NDF: 32155031365022683847411411970286419968.0/6
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3889.143+/-0.000 χ^2/NDF : 301084515063549944452299794186506338304.0/7
 Right Out: 3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: 4180.555+/-0.000 χ^2/NDF : 297418159868715696014489328452445929472.0/5

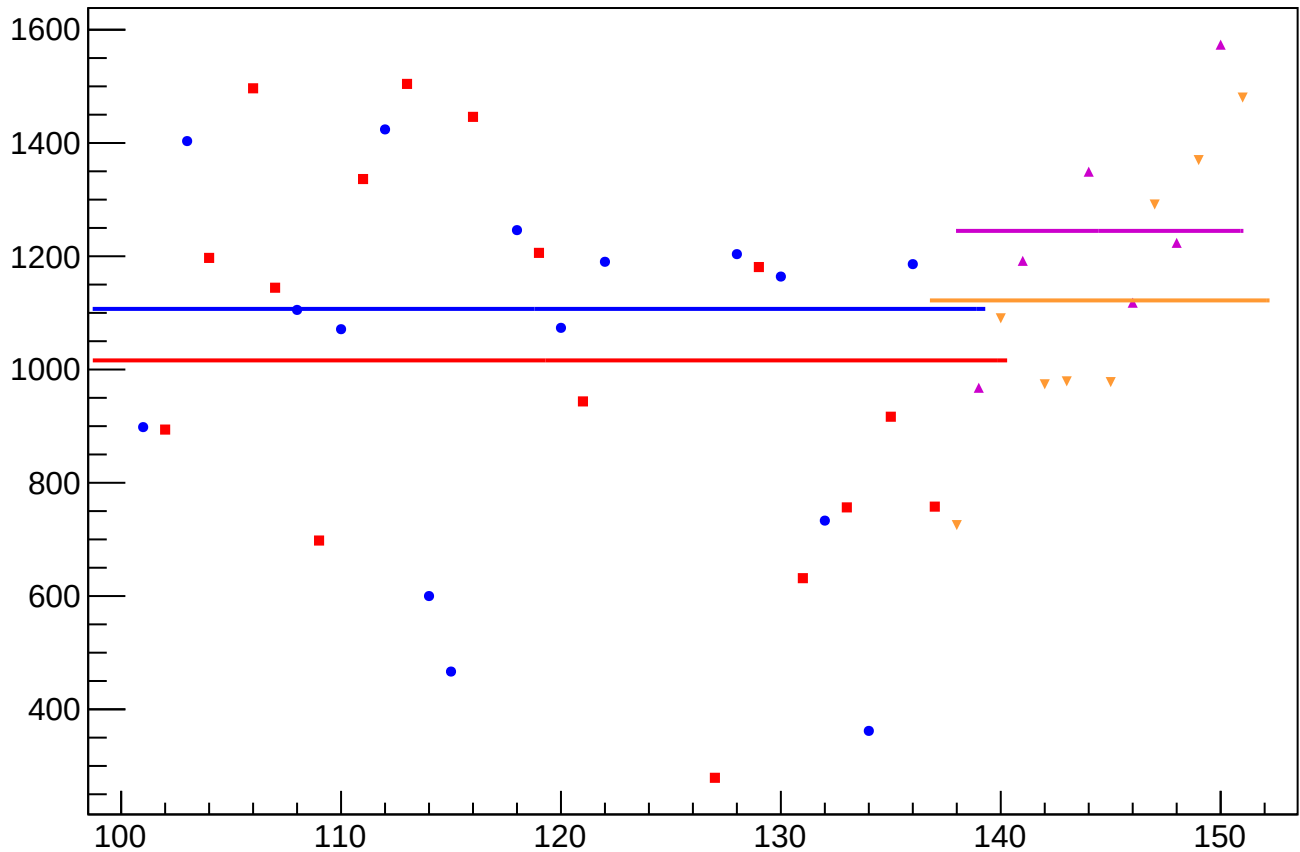
dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14
 Left Out: 421.460+/-0.000 χ^2/NDF : 9508299495629576985389965894014205952.0/7
 Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15
 Left In: 431.318+/-0.000 χ^2/NDF : 4769143217219736746315288863517442048.0/5

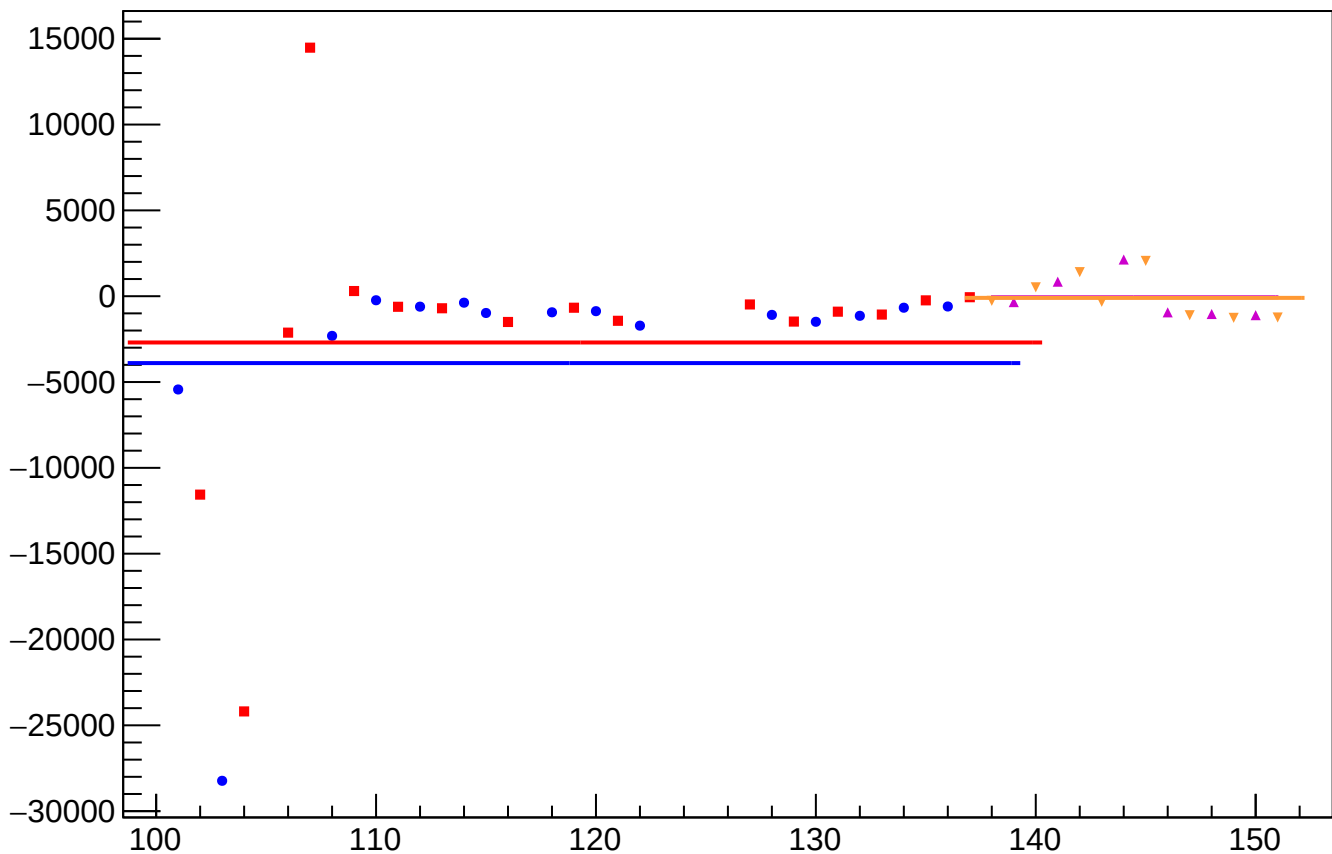
All: 450.061+/-0.000 χ^2/NDF : 485534830313
 + sign 450.579+/-0.000 χ^2/NDF : 309263120278155
 - sign 449.516+/-0.000 χ^2/NDF : 176264867298296

dit_usr_coil4_Ndata_mean vs Slug



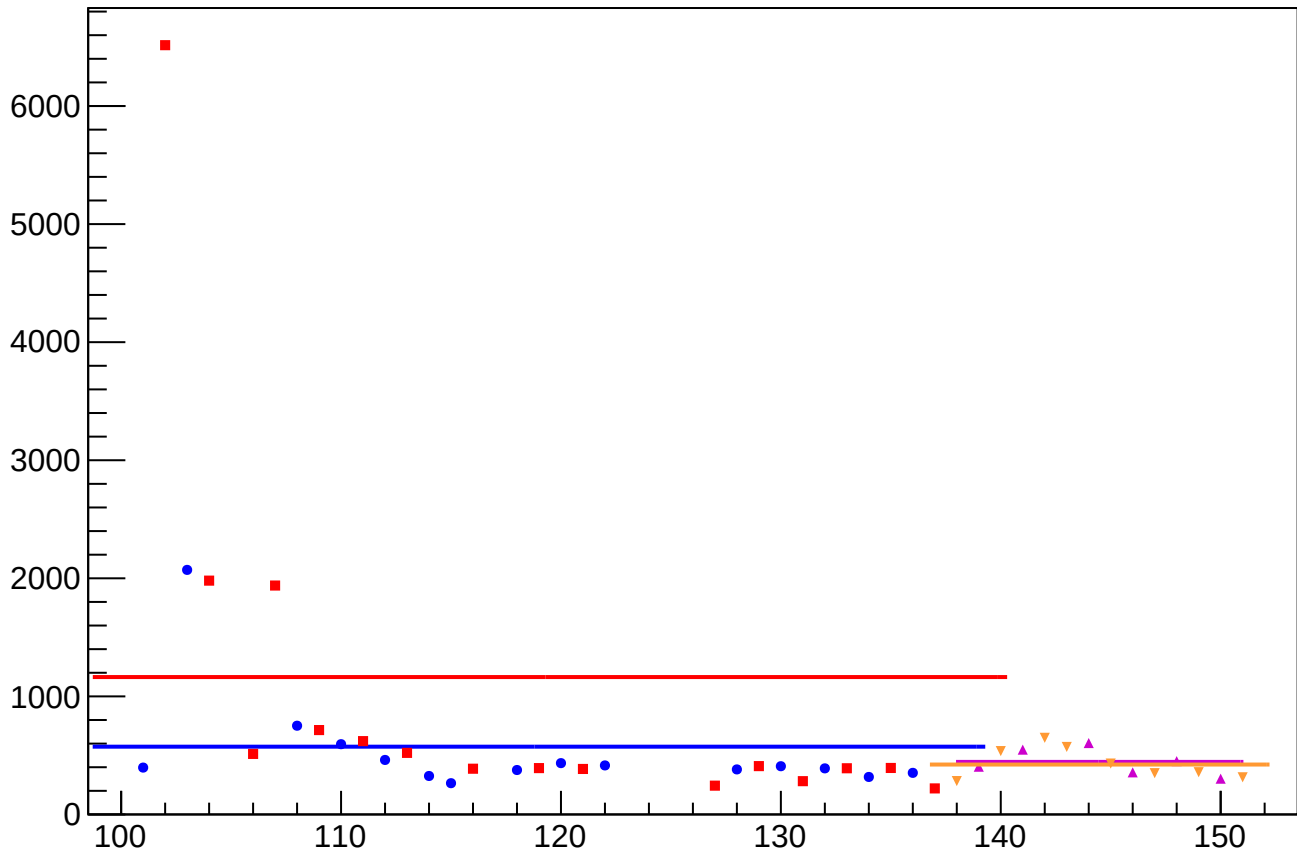
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

dit_atl1_coil4_mean vs Slug



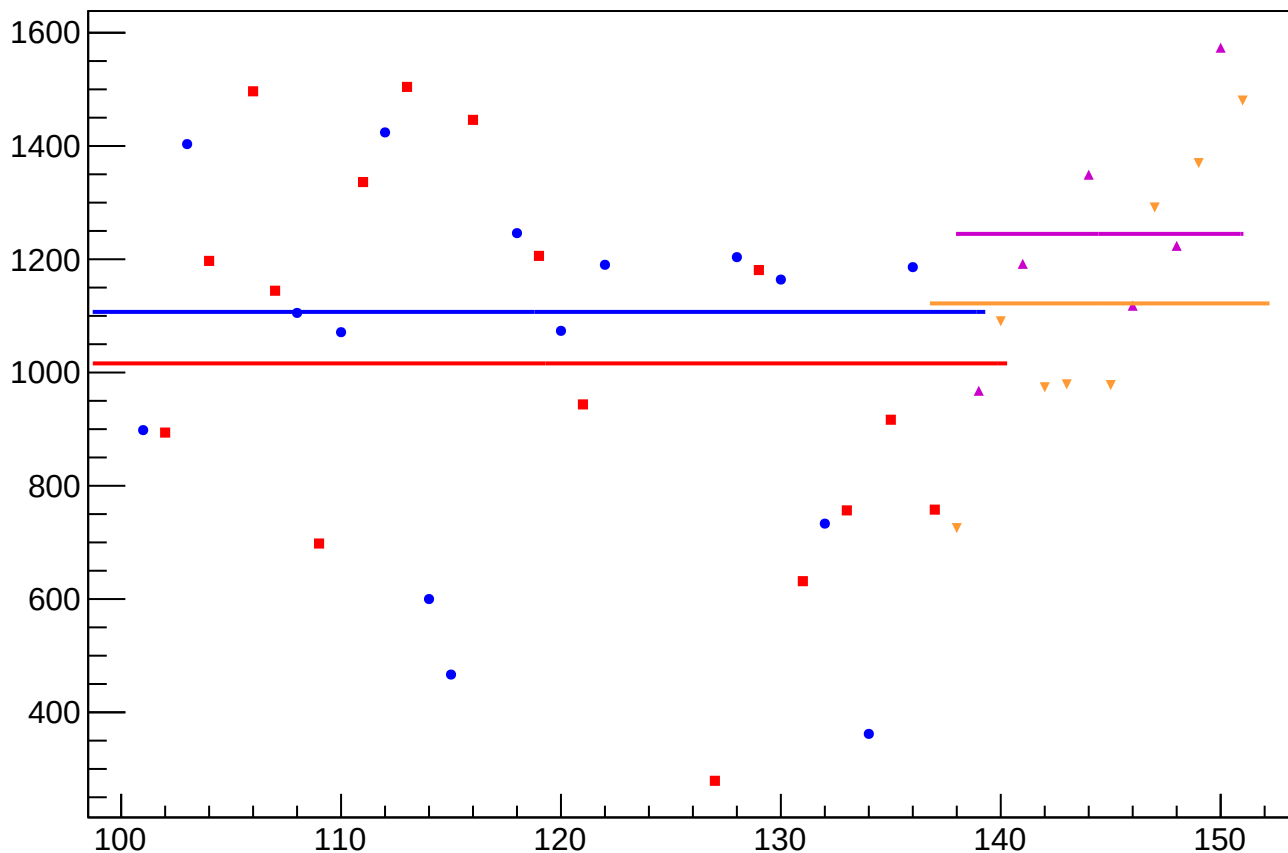
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -97.077+/-0.000 χ^2/NDF : 810306463746375985443271326446156513280.0/7
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -60.829+/-0.000 χ^2/NDF : 749854496232292417966856112192570261504.0/5

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 422.785+/-0.000 χ^2/NDF : 8112090288744296848490214788358471680.0/7
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 445.138+/-0.000 χ^2/NDF : 5811812563334828691784543447474503680.0/5
 + sign 501.831+/-0.000 χ^2/NDF : 167307928508549
 All: 672.096+/-0.000 χ^2/NDF : 239993925952
 - sign 851.306+/-0.000 χ^2/NDF : 215872808233399

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

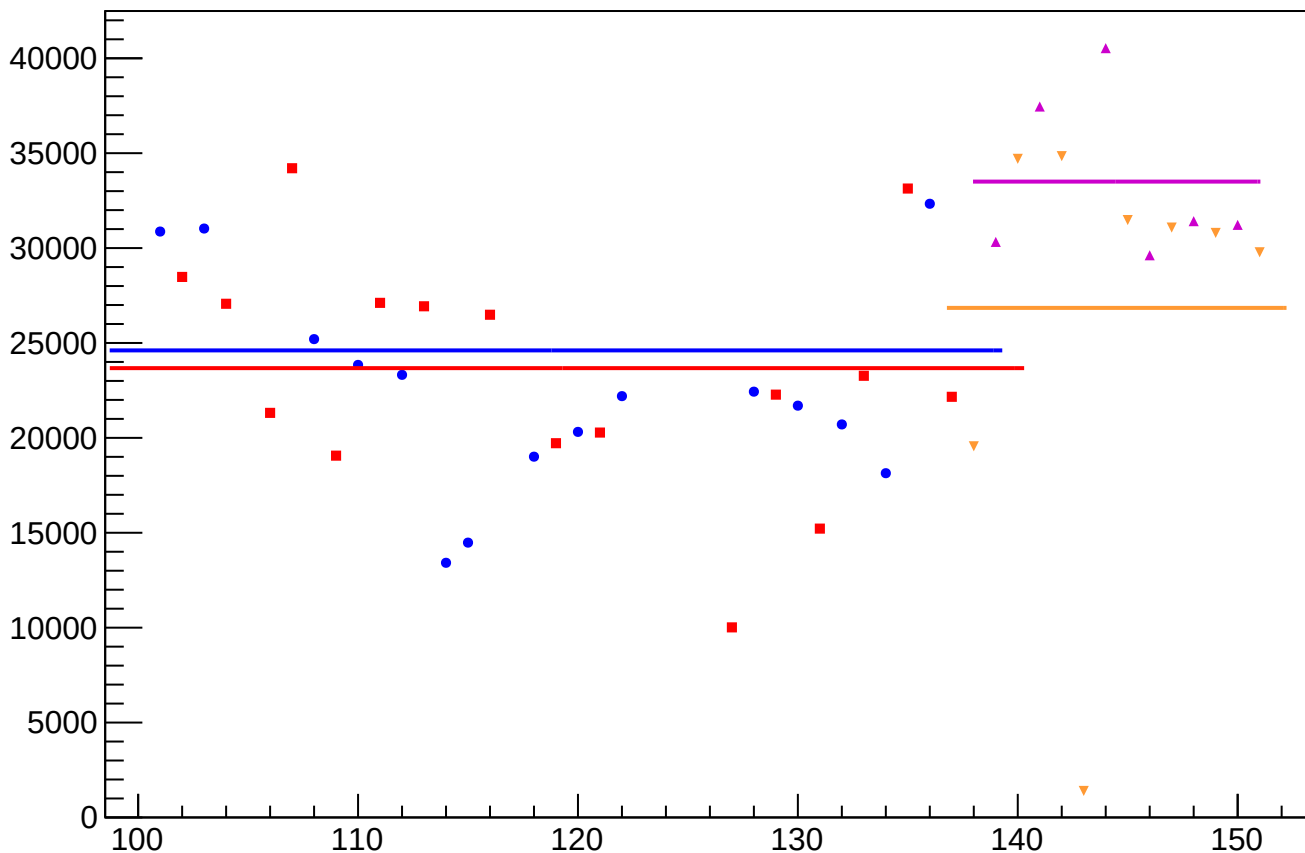
Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

+ sign 1114.200 $\pm$ 0.000 χ^2 /NDF: 74401169121513

All: 1114.850 $\pm$ 0.000 χ^2 /NDF: 1807730381

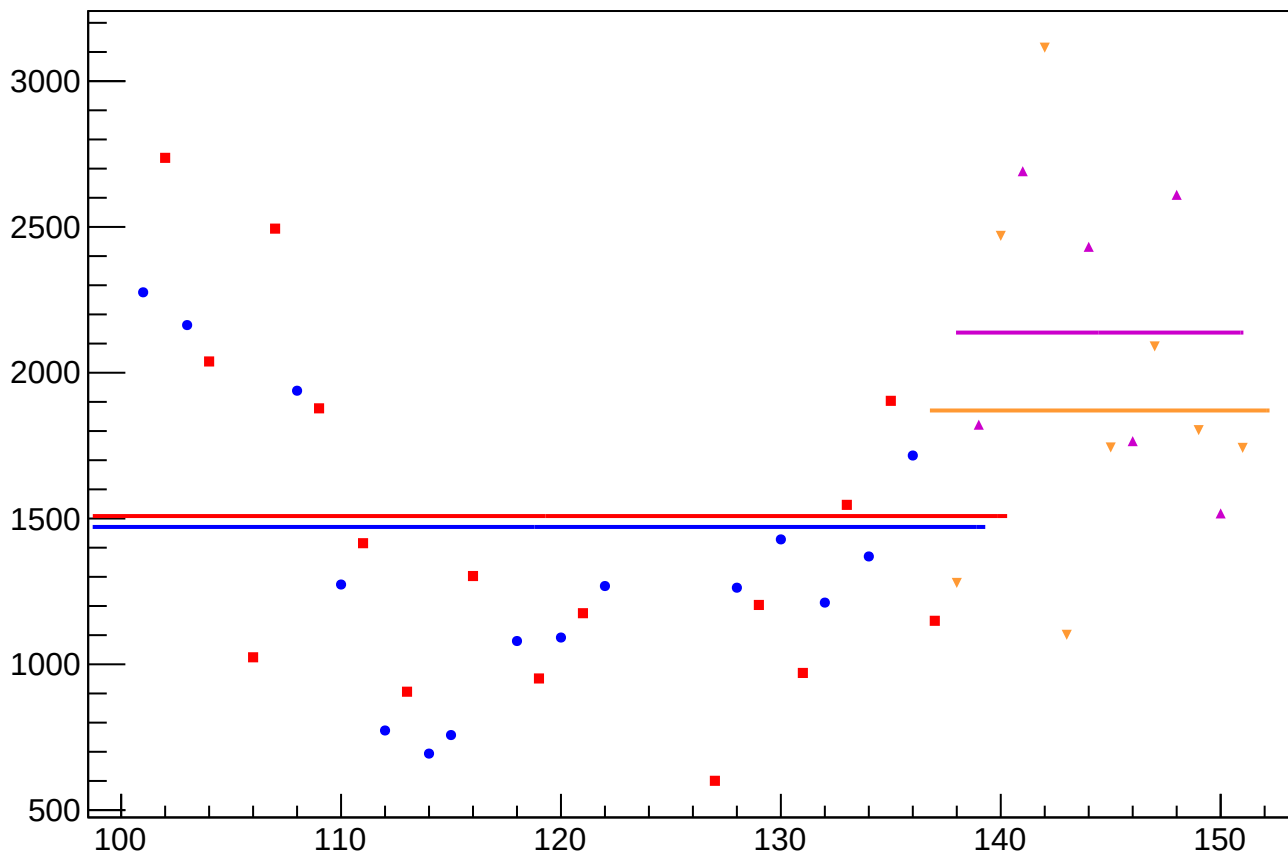
- sign 1115.533 $\pm$ 0.000 χ^2 /NDF: 10637079448485

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 26848.548+/-0.000 χ^2/NDF : 60650755042967421435879062577073696538624.0/7
 Right Out: 23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: 33502.664+/-0.000 χ^2/NDF : 8635613758052372729326915908412888842240.0/5

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

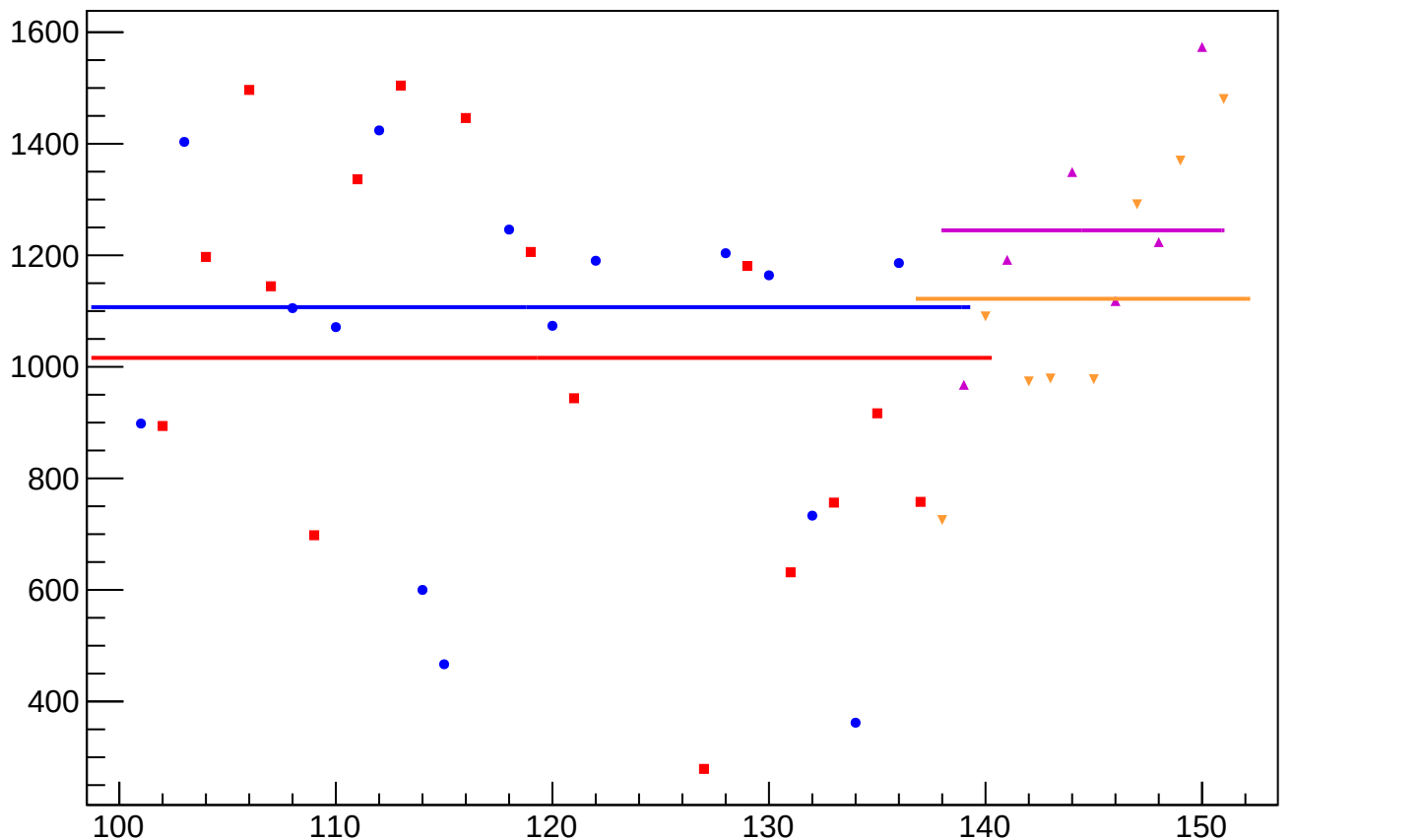
Left Out: 1870.508+/-0.000 χ^2/NDF : 174277429254402939592678849409980563456.0/7

Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2137.685+/-0.000 χ^2/NDF : 107070708115070563627145622864105832448.0/5

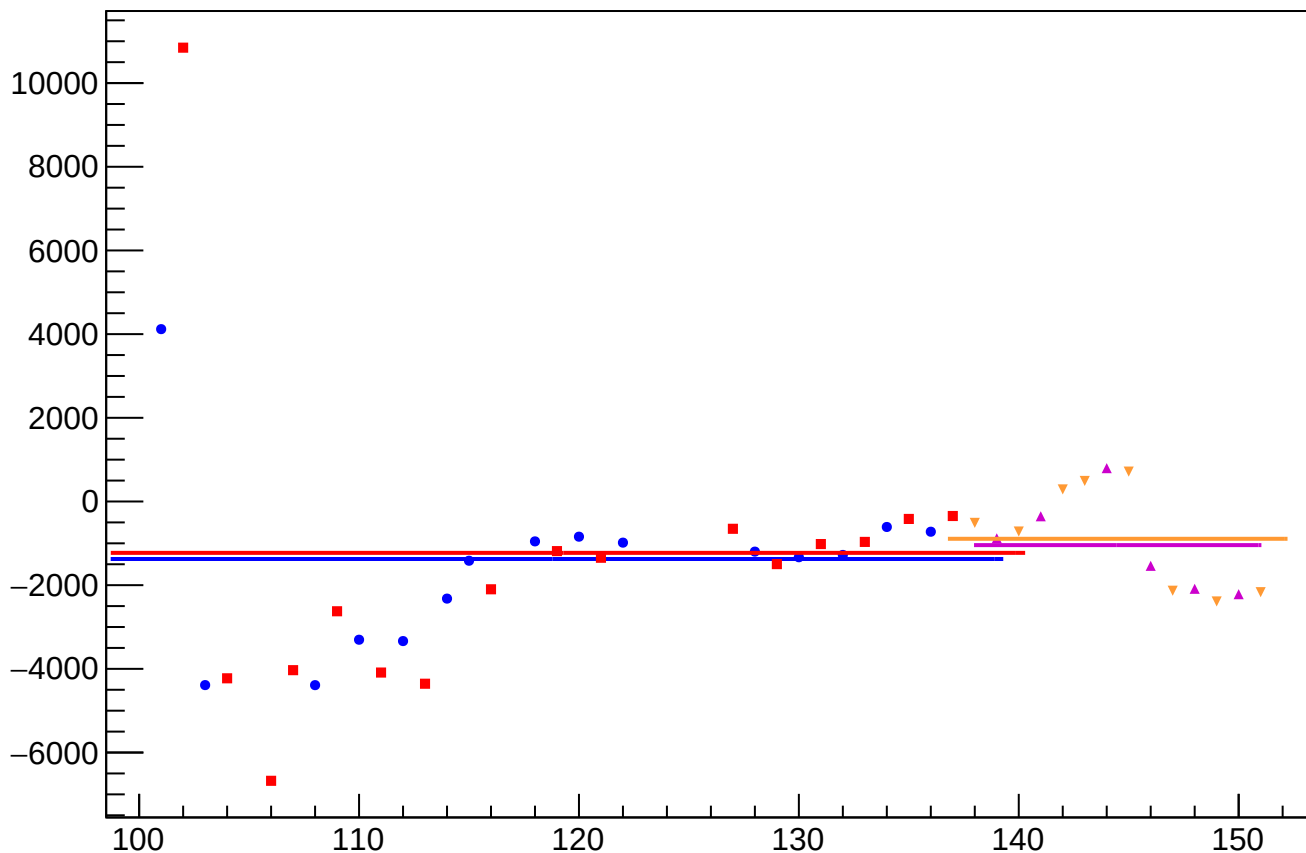
All: 1720.364+/-0.000 χ^2/NDF : 84359791379

dit_atl2_coil4_Ndata_mean vs Slug



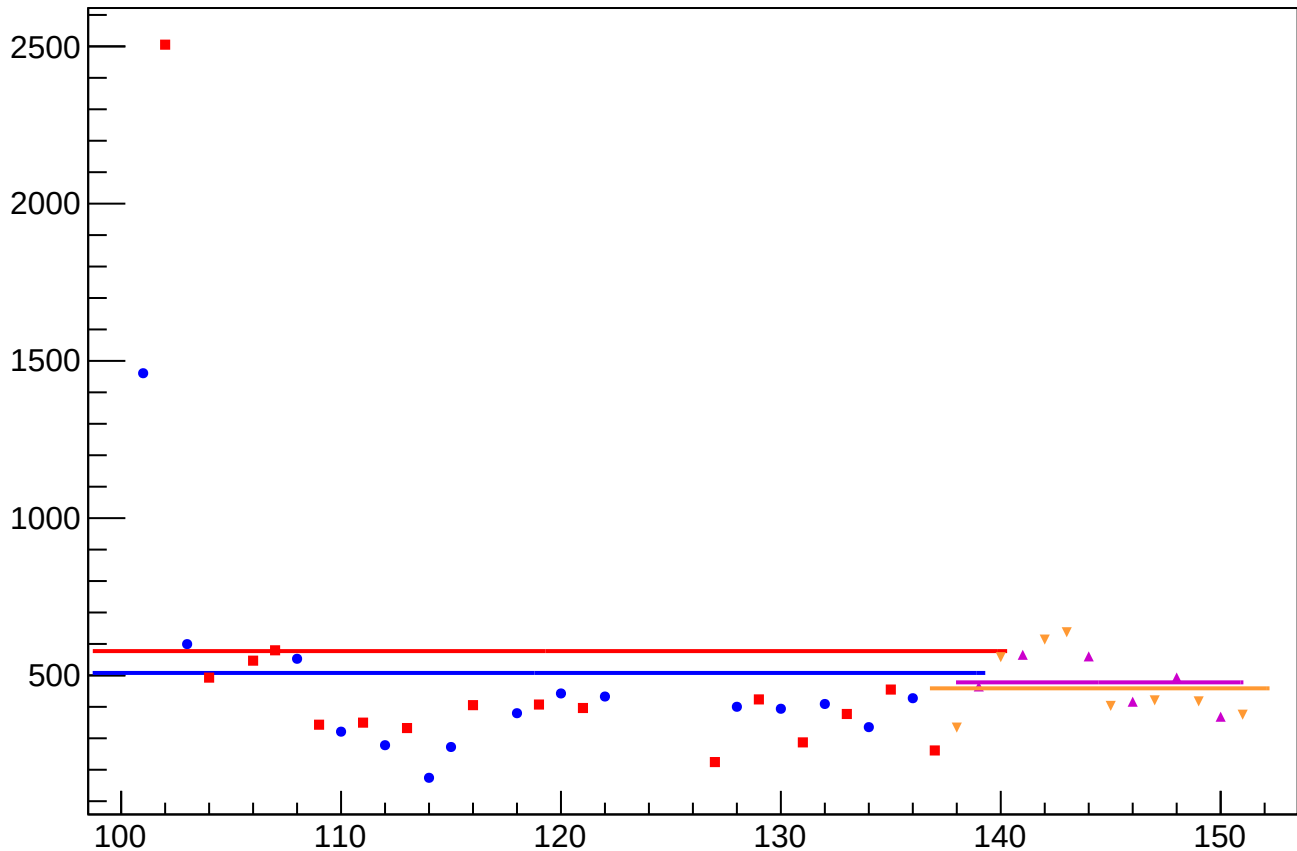
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 +/- 0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 +/- 0.000 χ^2/NDF : 18636269777348835849535685142220111872.0/5

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14
 Left Out: -891.454+/-0.000 χ^2/NDF : 848789247588712893998731284932177428480.0/7
 Right Out: -1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15
 Left In: -1042.672+/-0.000 χ^2/NDF : 580687481938481413581086803346893832192.0/5

dit_atr1_coil4_err_mean vs Slug



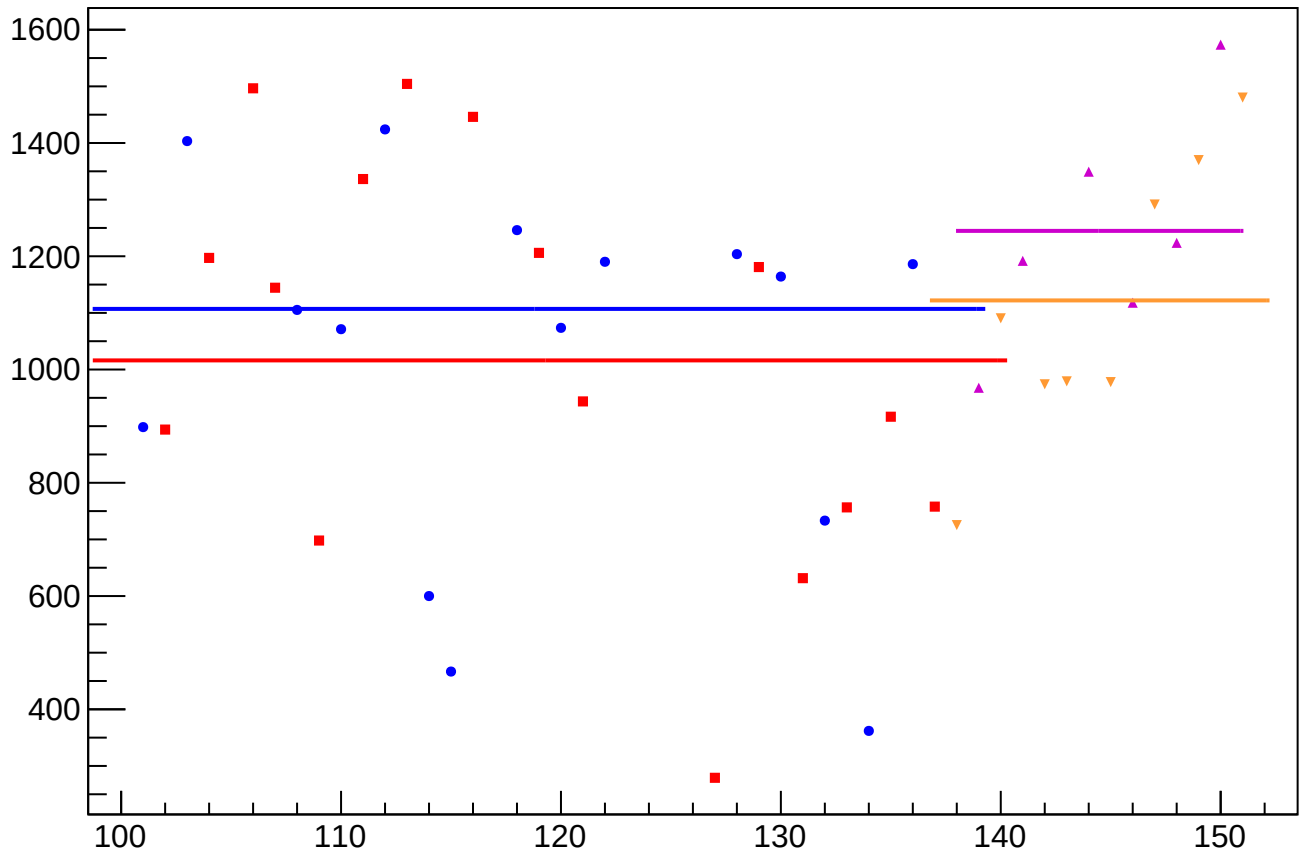
Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 458.851+/-0.000 χ^2/NDF : 6305227607269503864491846484709343232.0/7

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

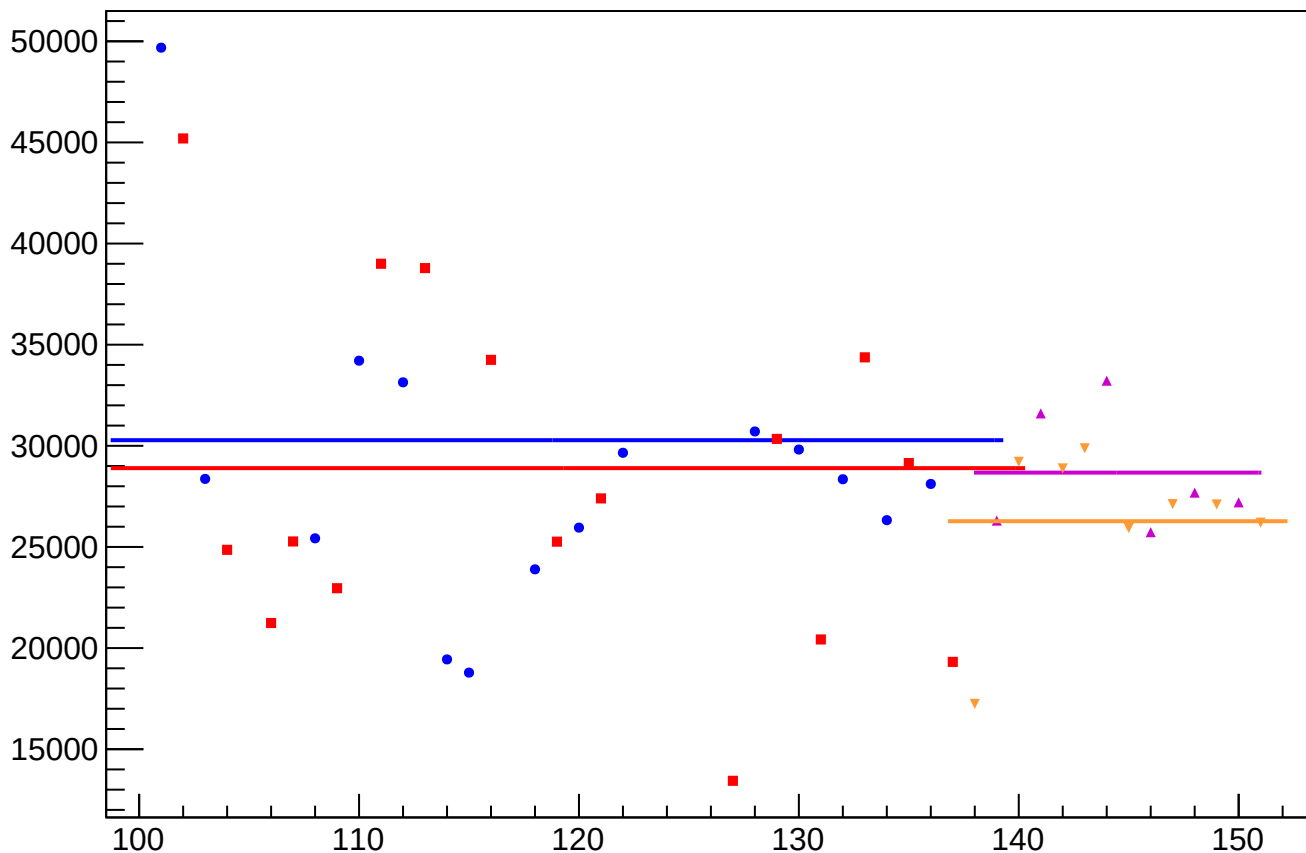
Left In: 477.871+/-0.000 χ^2/NDF : 2693898029155967787602660581999378432.0/5

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

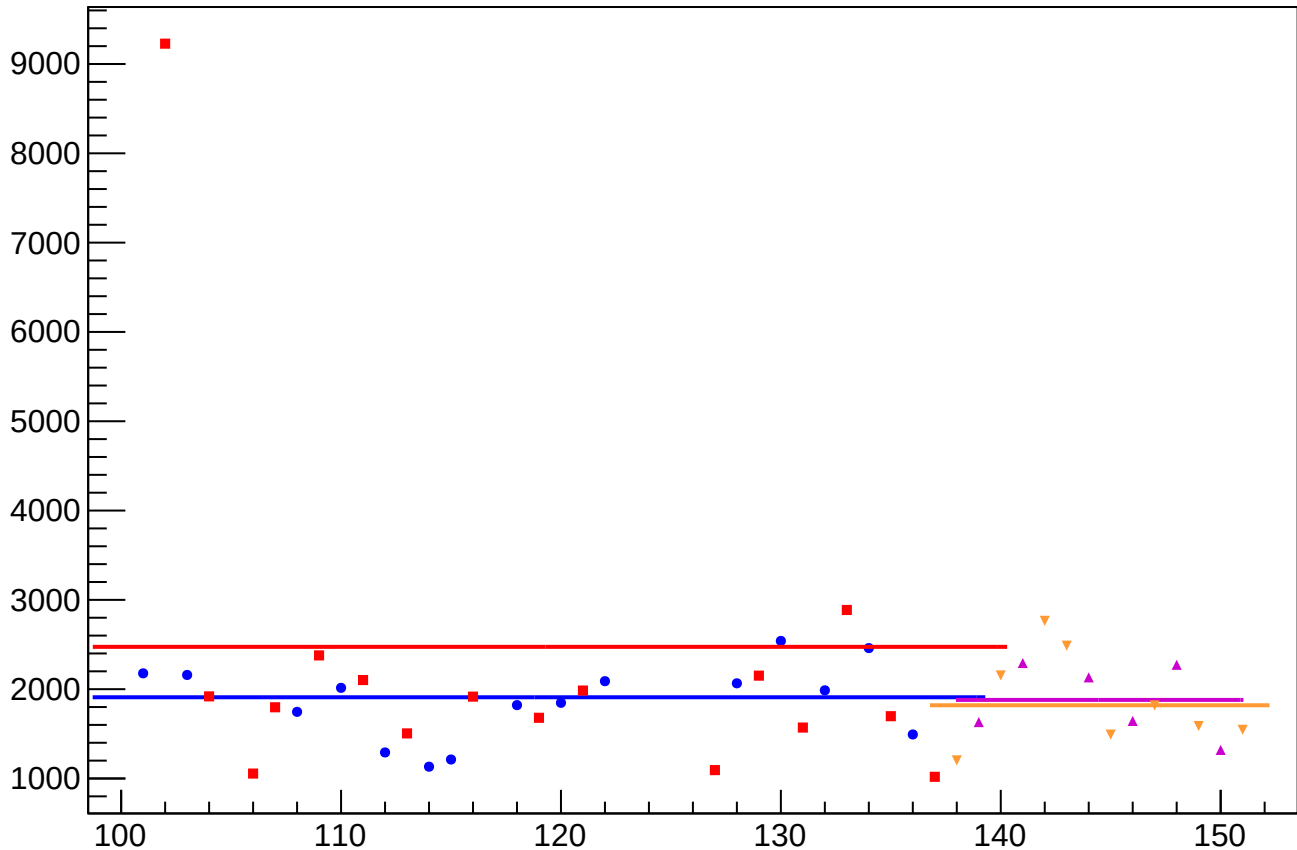
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26272.958+/-0.000	χ^2/NDF : 8376391899972440920492149571582792040448.0/7
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 28674.973+/-0.000	χ^2/NDF : 4022132787925664360553717960836663738368.0/5

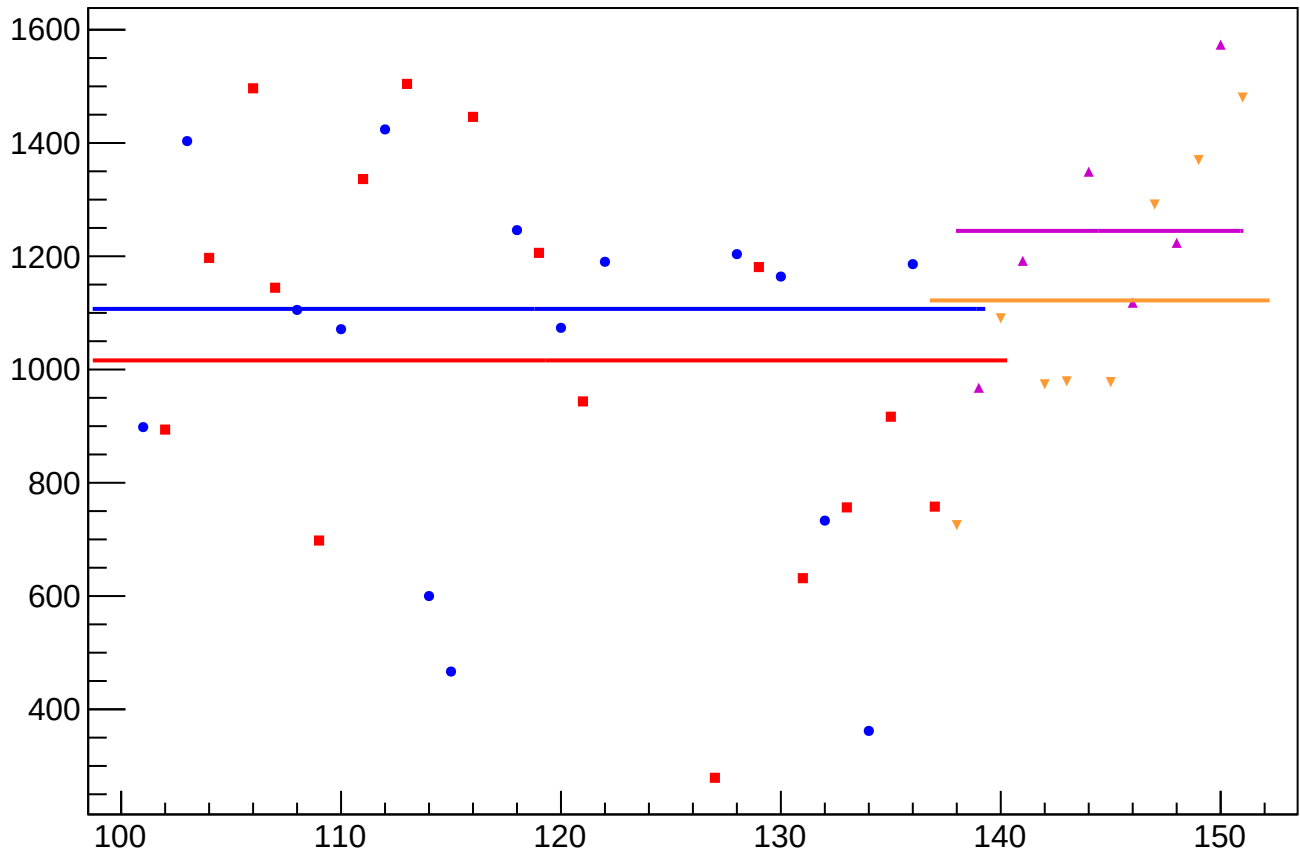
+ sign 28365.587+/-0.000 χ^2/NDF : 4432190072086
 All: 28577.276+/-0.000 χ^2/NDF : 9544198349
 - sign 28800.089+/-0.000 χ^2/NDF : 5100584384823

dit_atr2_coil4_err_mean vs Slug



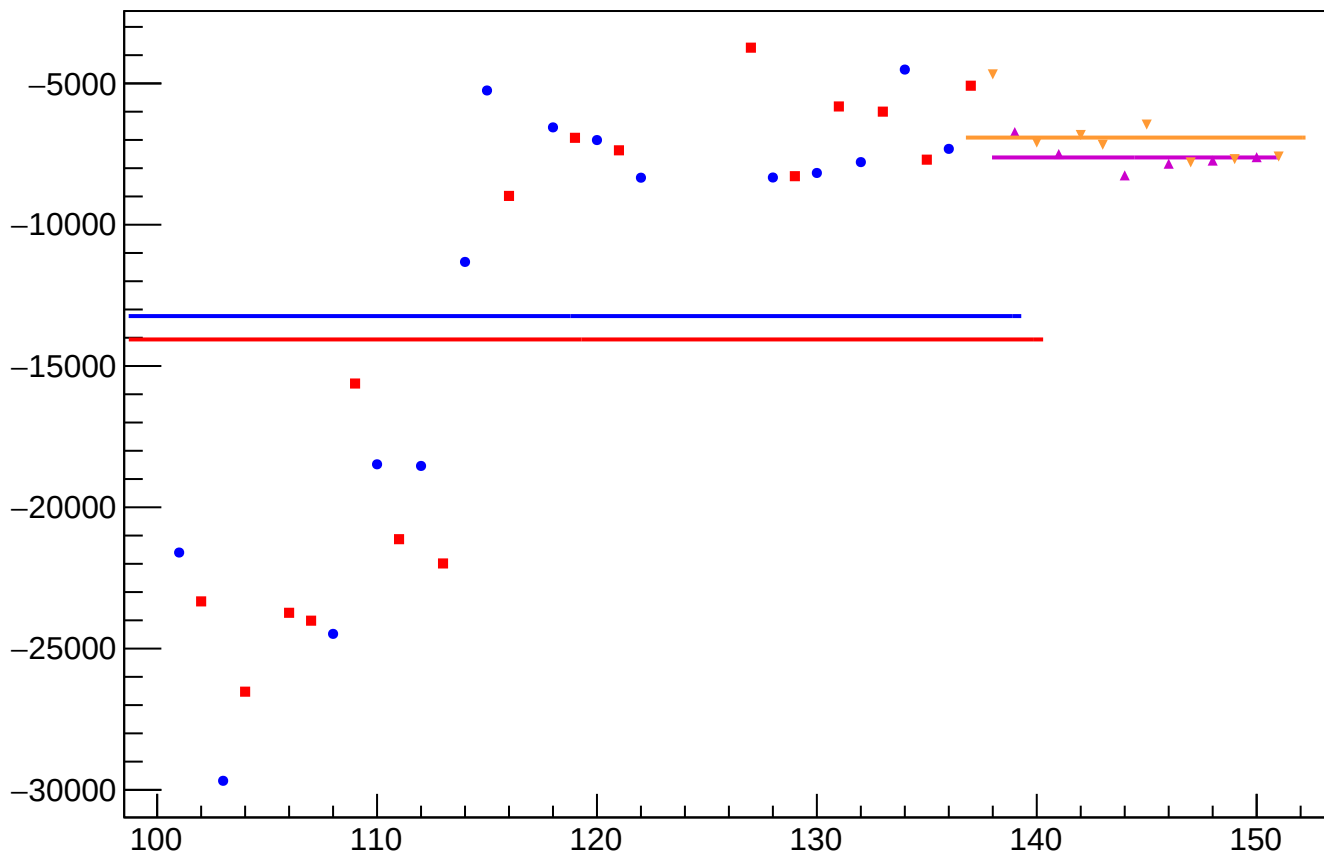
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14	+ sign 1866.695+/-0.000	χ^2/NDF : 21905214044316
Left Out: 1819.919+/-0.000	χ^2/NDF : 128932224616314457911208165104116826112.0/7	All: 2036.731+/-0.000	χ^2/NDF : 35002975274
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15	- sign 2215.702+/-0.000	χ^2/NDF : 32075402293054
Left In: 1879.893+/-0.000	χ^2/NDF : 71289478541790726157926791039995084800.0/5		

dit_atr2_coil4_Ndata_mean vs Slug



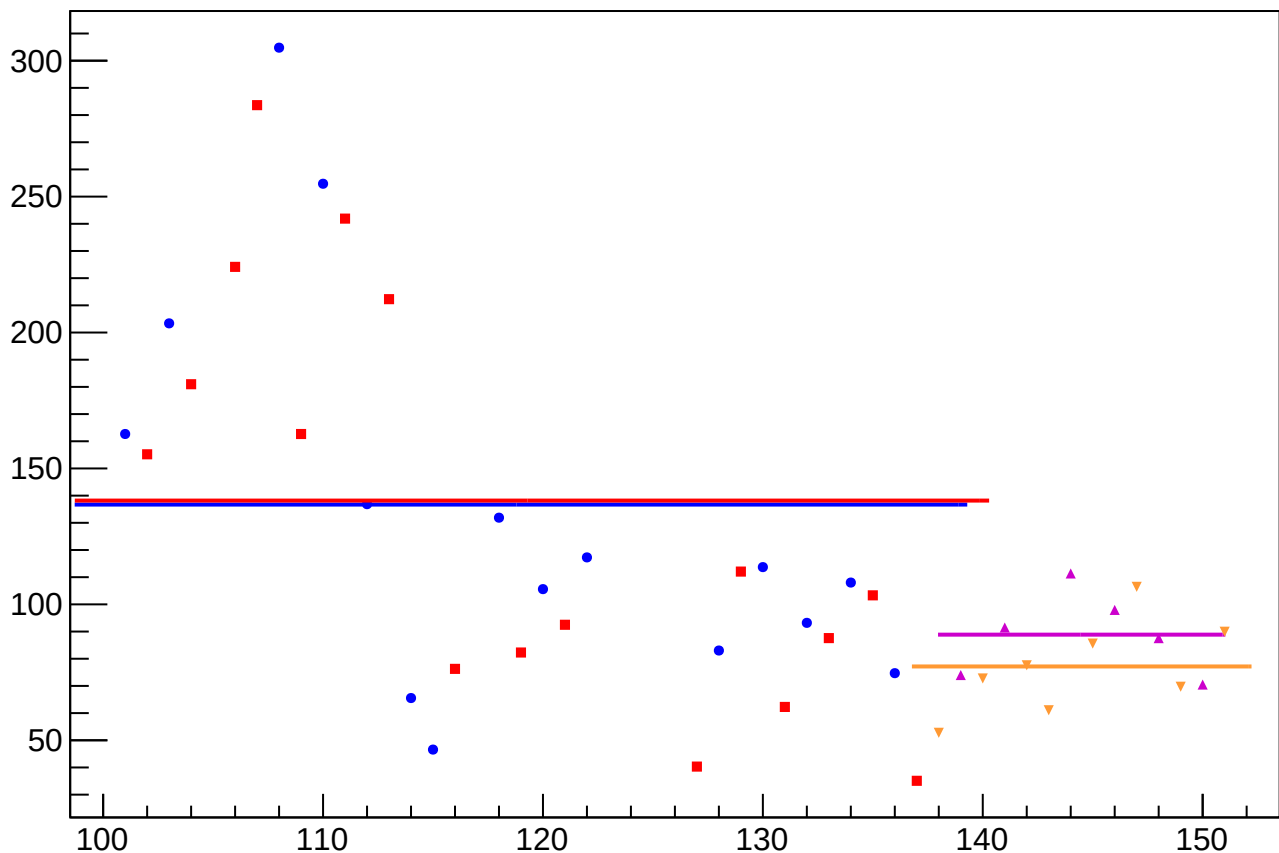
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5

dit_sam1_coil4_mean vs Slug



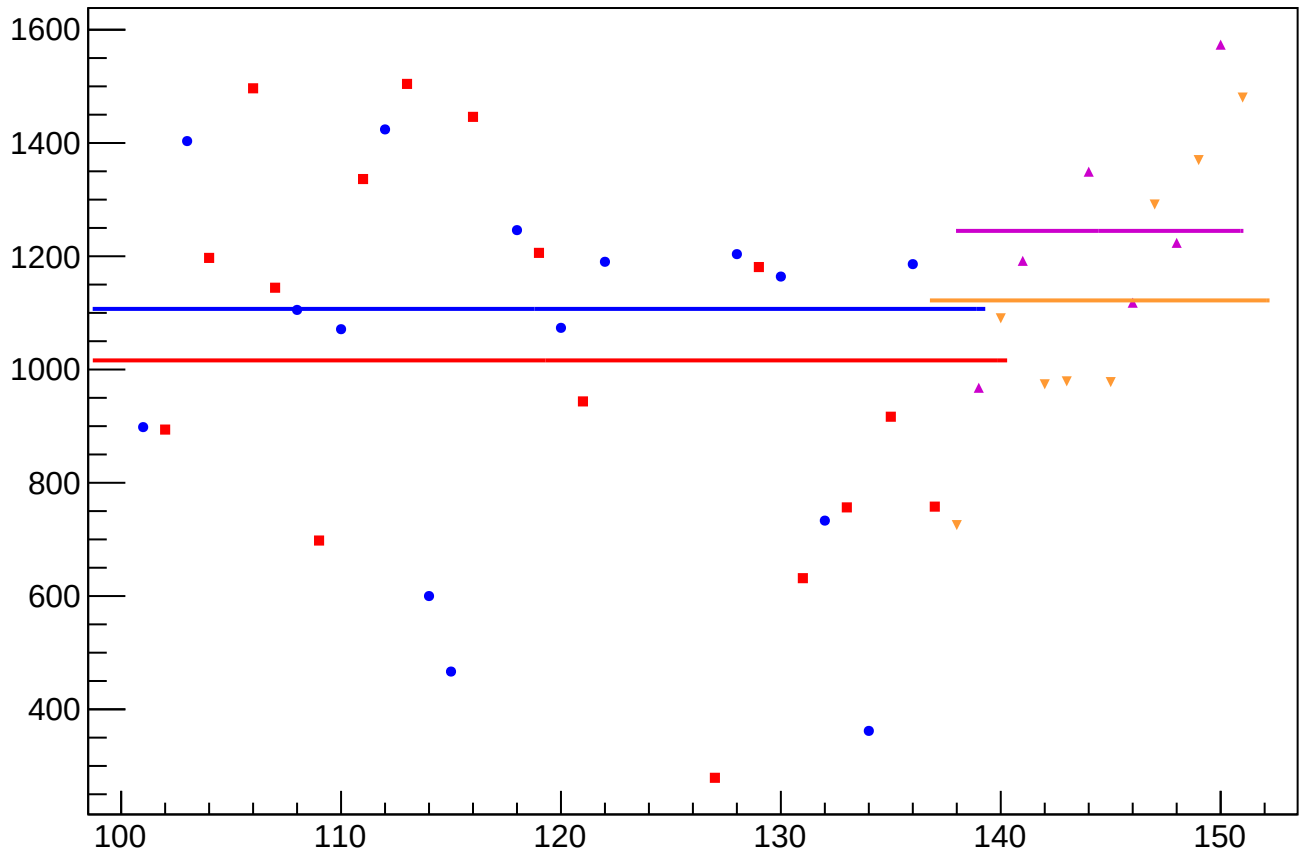
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -6916.413+/-0.000 χ^2/NDF : 558512003329622322447333300640310886400.0/7
 Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: -7619.800+/-0.000 χ^2/NDF : 107386689282619700156722730515665256448.0/5

dit_sam1_coil4_err_mean vs Slug



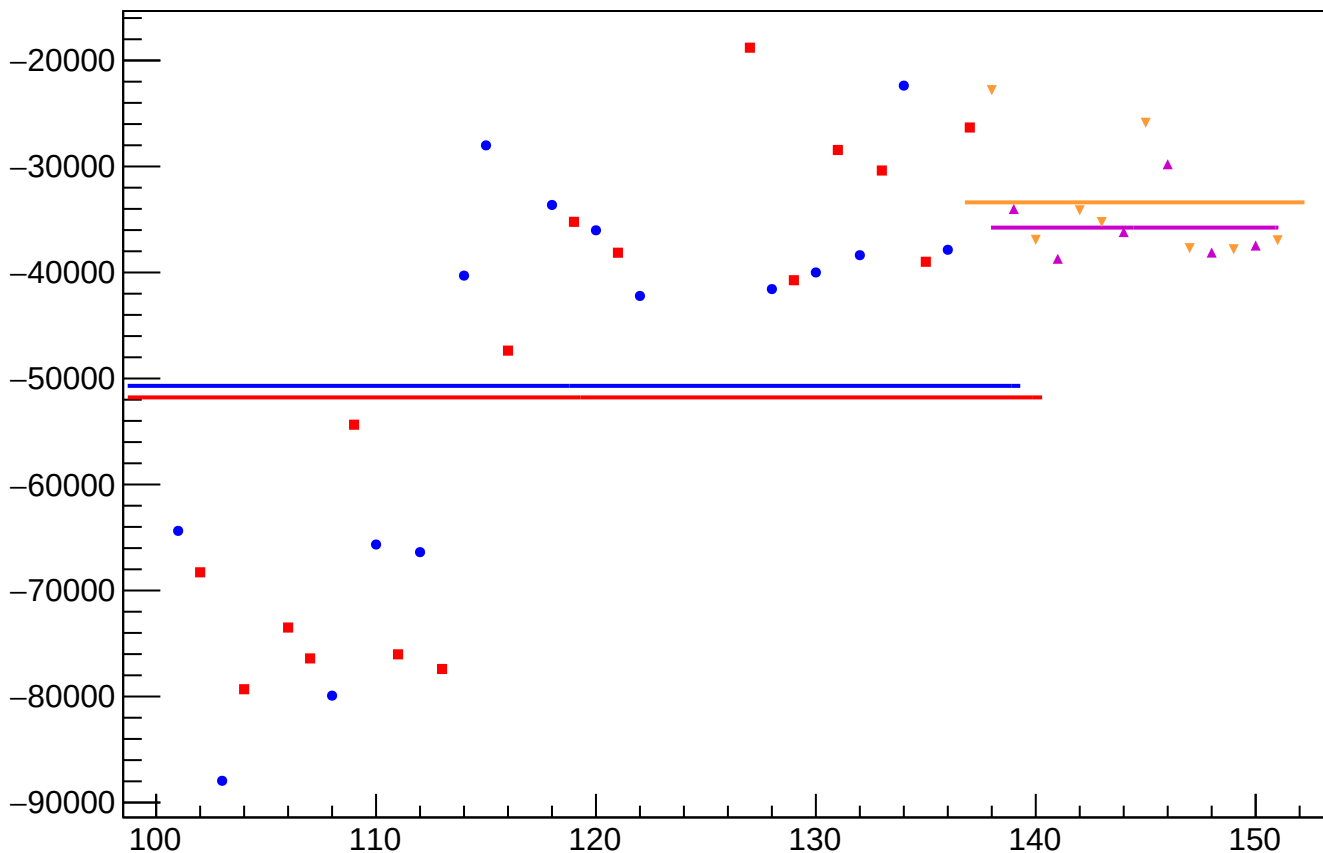
Right In: 136.711 $\pm$ 0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 77.156 $\pm$ 0.000 χ^2/NDF : 155340591458327215070033901726466048.0/7
 Right Out: 138.179 $\pm$ 0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Left In: 88.860 $\pm$ 0.000 χ^2/NDF : 101233007852110155909085592203296768.0/5
 All: 112.399 $\pm$ 0.000 χ^2/NDF : 802219924354.0/7

dit_sam1_coil4_Ndata_mean vs Slug



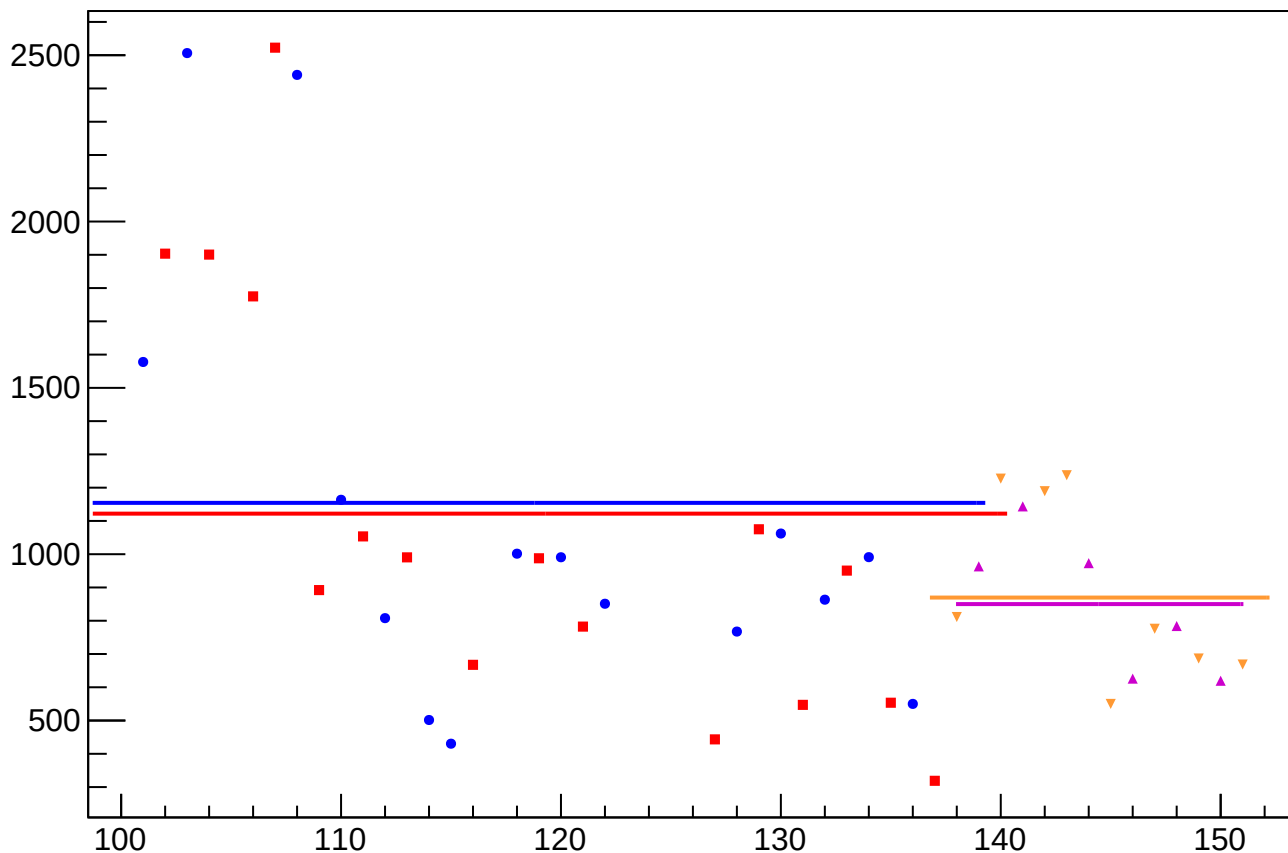
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 +/- 0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 +/- 0.000 χ^2/NDF : 18636269777348835849535685142220111872.0/5
 All: 1114.850 +/- 0.000 χ^2/NDF : 18077303811
 + sign 1114.200 +/- 0.000 χ^2/NDF : 74401169121513
 - sign 1115.533 +/- 0.000 χ^2/NDF : 10637079448485

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -33385.023+/-0.000 χ^2/NDF : 18668847876184564715723310340743299596288.0/7
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -35766.749+/-0.000 χ^2/NDF : 4687219047896274493833210519490733801472.0/5
 All: -43594.905+/-0.000 χ^2/NDF : 702461026
 + sign -42430.475+/-0.000 χ^2/NDF : 338134601126
 - sign -44820.518+/-0.000 χ^2/NDF : 3608698891284

dit_sam2_coil4_err_mean vs Slug



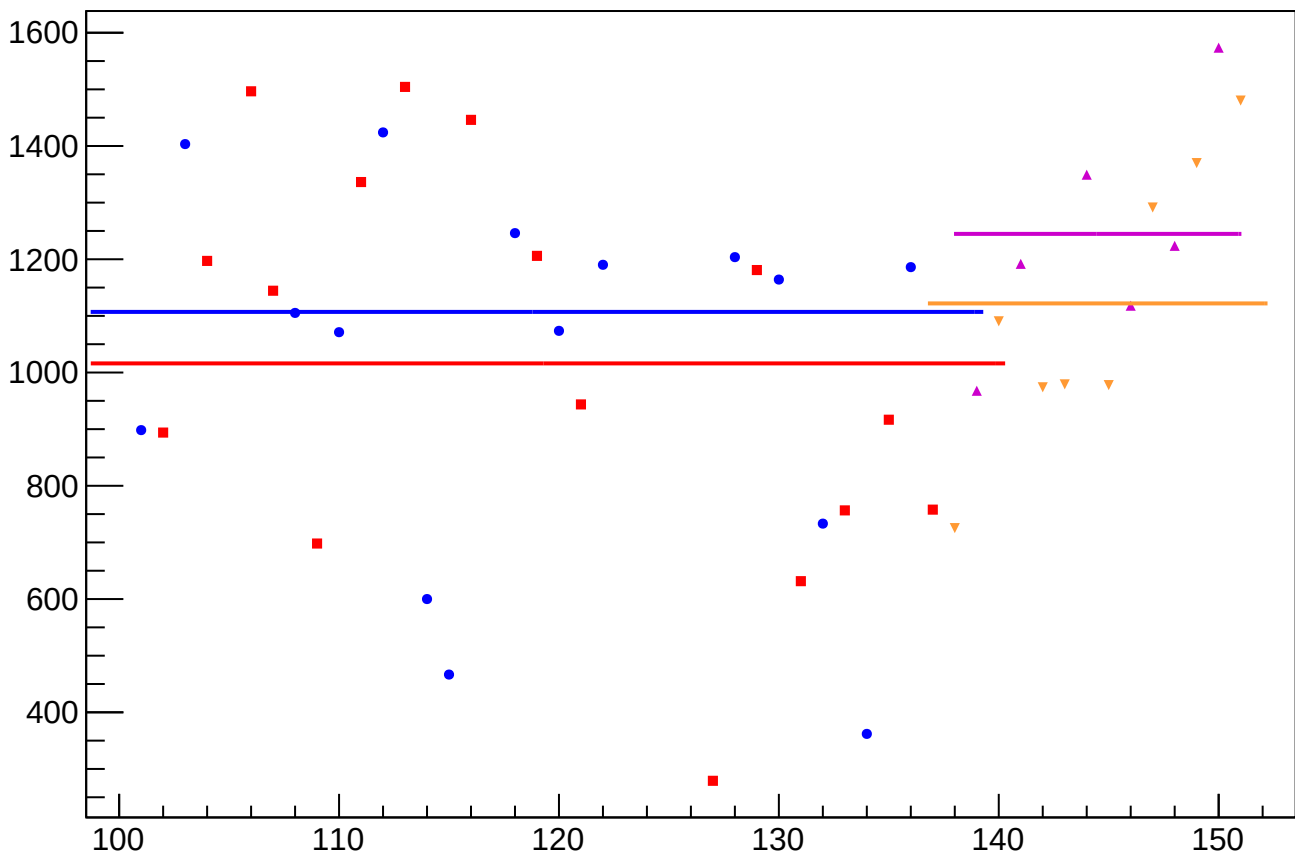
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 869.662+/-0.000 χ^2/NDF : 39413202860389015244332042697123561472.0/7

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

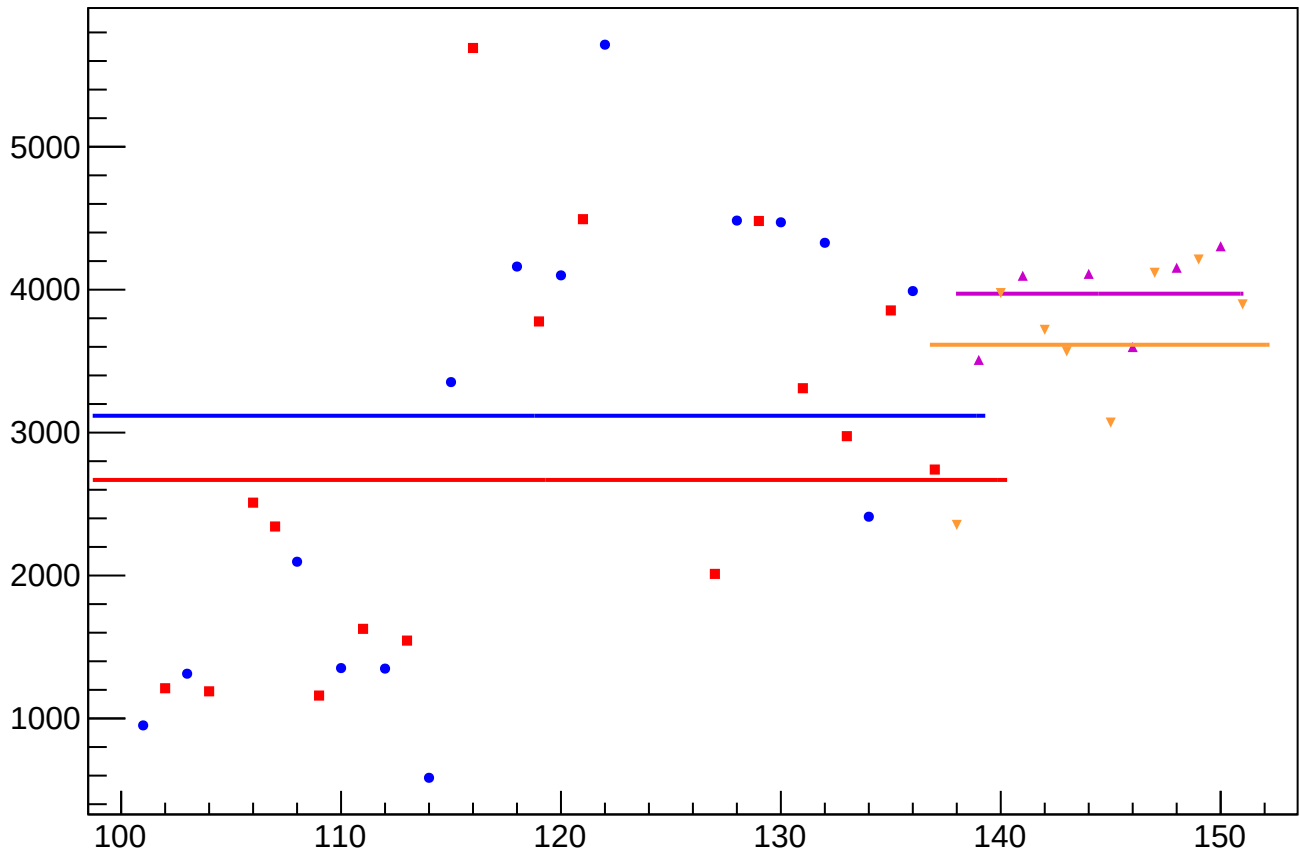
Left In: 850.057+/-0.000 χ^2/NDF : 19083043973197039580043968037255118848.0/5

dit_sam2_coil4_Ndata_mean vs Slug



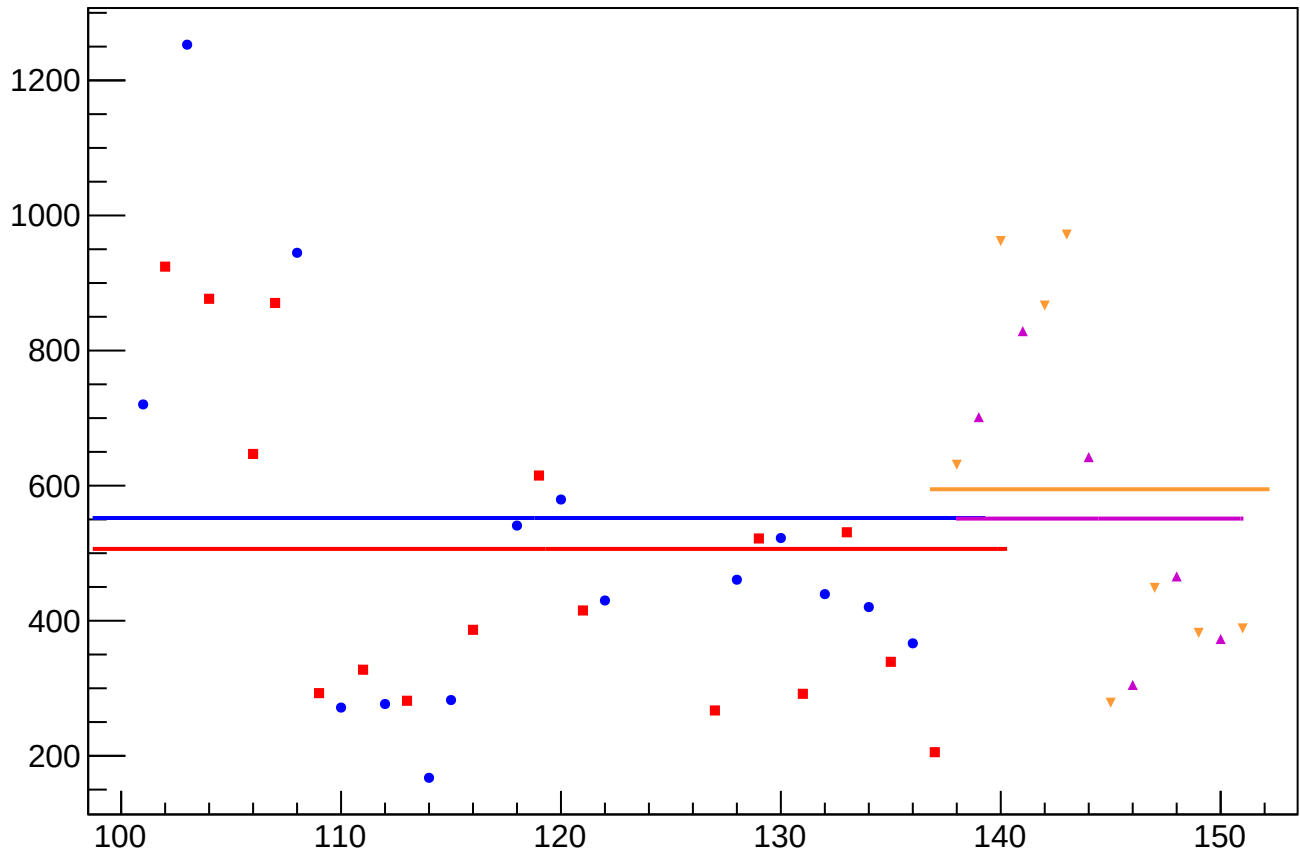
Right In: 1107.052 $\pm$ 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2/NDF : 18636269777348835849535685142220111872.0/5
 All: 1114.850 $\pm$ 0.000 χ^2/NDF : 18077303811
 + sign 1114.200 $\pm$ 0.000 χ^2/NDF : 74401169121513
 - sign 1115.533 $\pm$ 0.000 χ^2/NDF : 10637079448485

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3614.732+/-0.000 χ^2/NDF : 215110685578821773647119197335424335872.0/7
 Right Out: 2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: 3971.958+/-0.000 χ^2/NDF : 44792294573023025871072831703879778304.0/5

dit_sam3_coil4_err_mean vs Slug



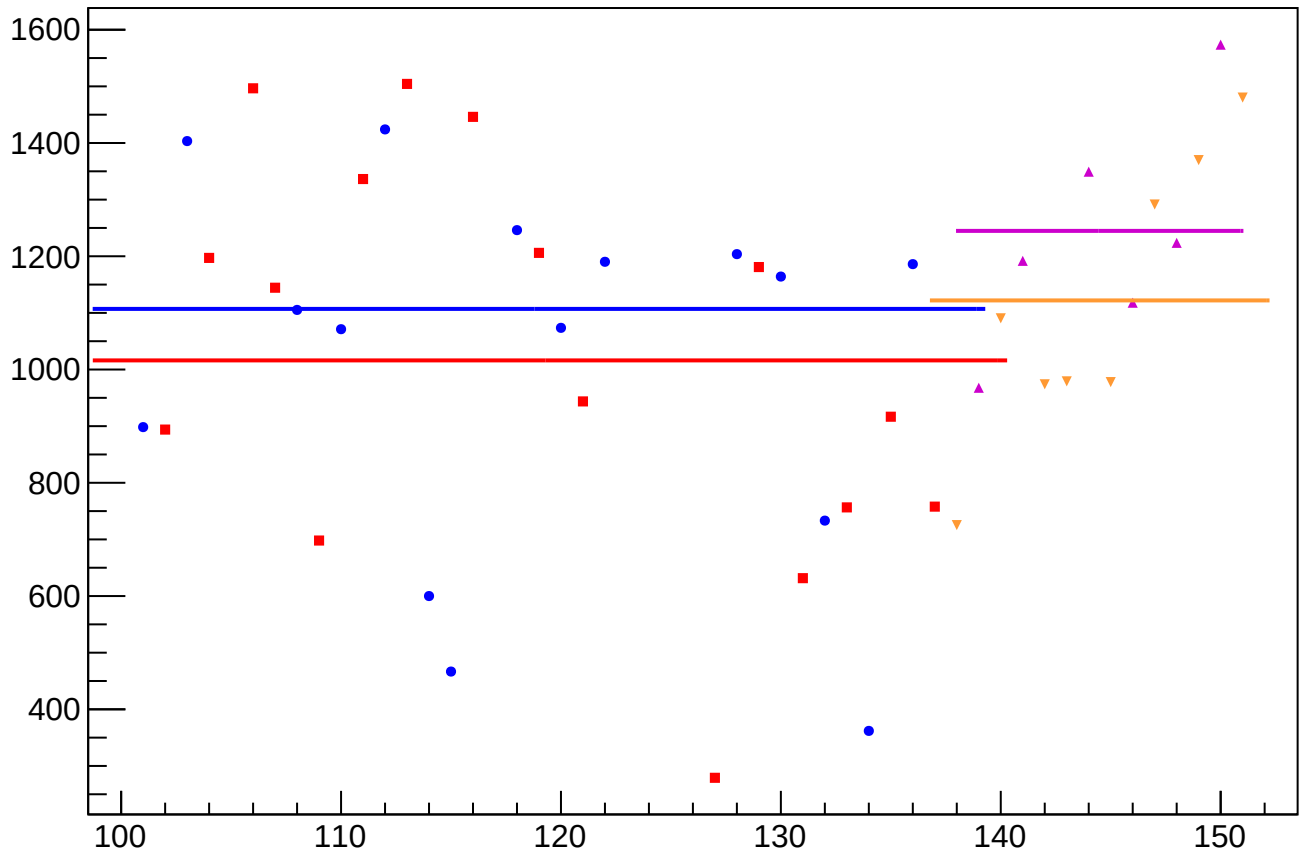
Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 594.706+/-0.000 χ^2/NDF : 40911119061680769013758408821521252352.0/7

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

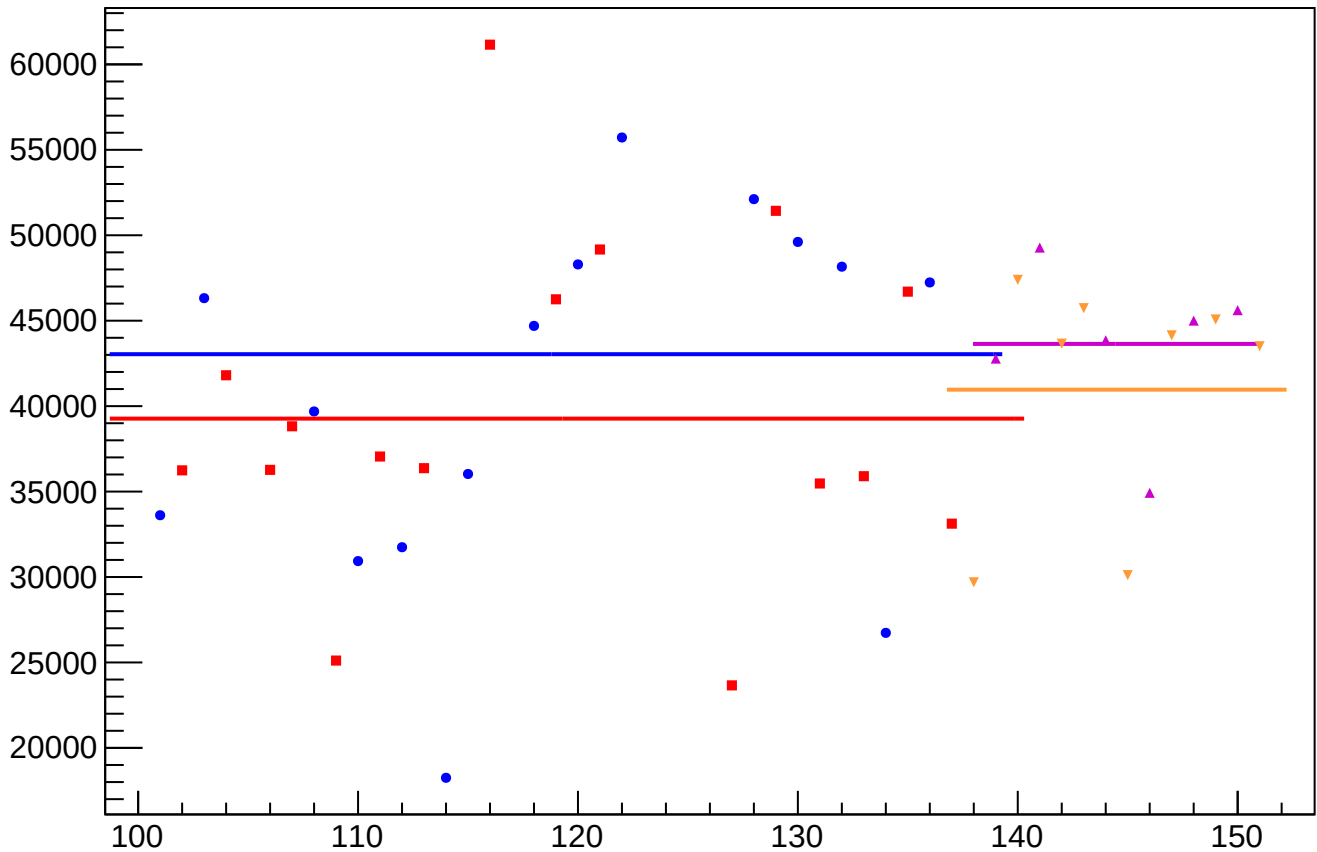
Left In: 551.239+/-0.000 χ^2/NDF : 17650942184780124518031359629257080832.0/5

dit_sam3_coil4_Ndata_mean vs Slug



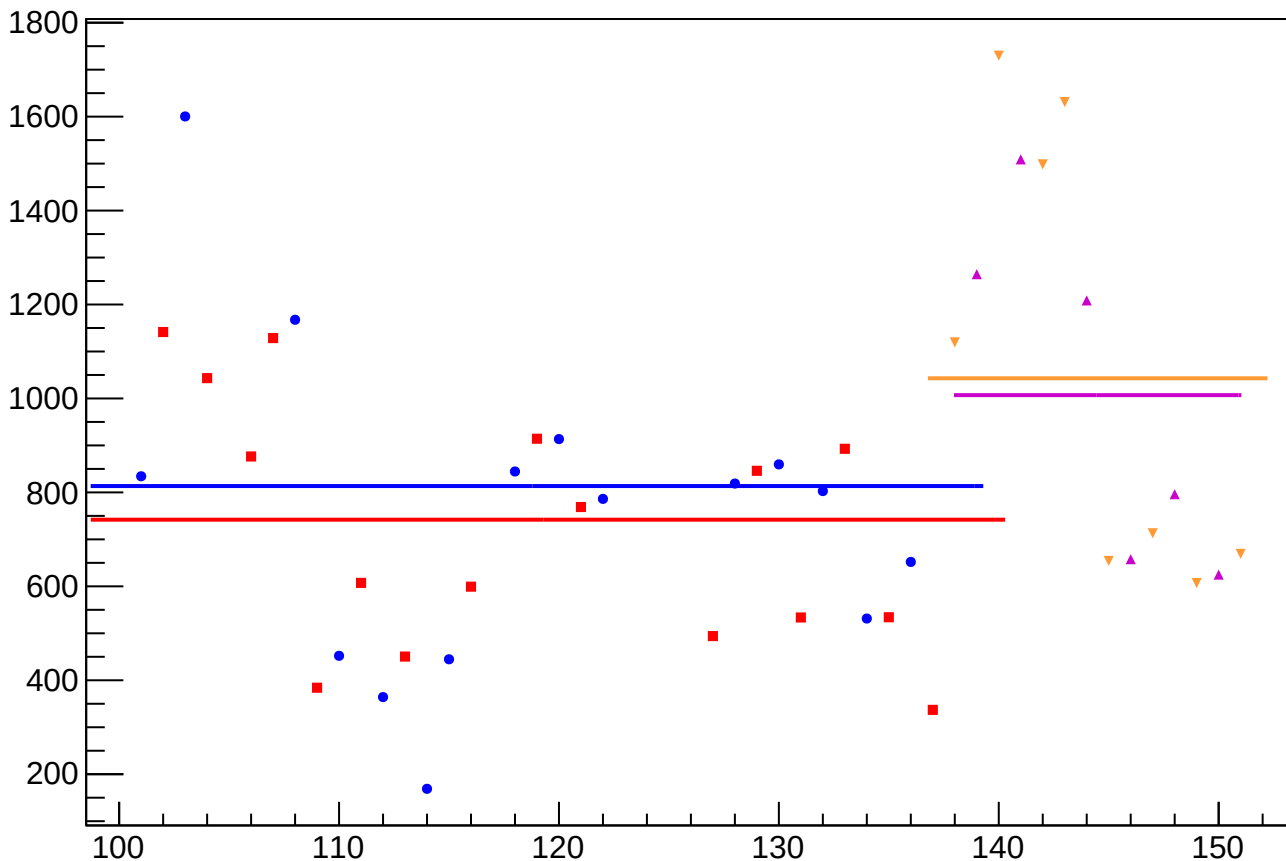
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 +/- 0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 +/- 0.000 χ^2/NDF : 18636269777348835849535685142220111872.0/5
 All: 1114.850 +/- 0.000 χ^2/NDF : 18077303811
 + sign 1114.200 +/- 0.000 χ^2/NDF : 74401169121513
 - sign 1115.533 +/- 0.000 χ^2/NDF : 10637079448485

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 40964.874+/-0.000 χ^2/NDF : 27406116922719391398132199836970987290624.0/7
 Right Out: 39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: 43641.443+/-0.000 χ^2/NDF : 9579875464954673944967246649728148963328.0/5

dit_sam4_coil4_err_mean vs Slug



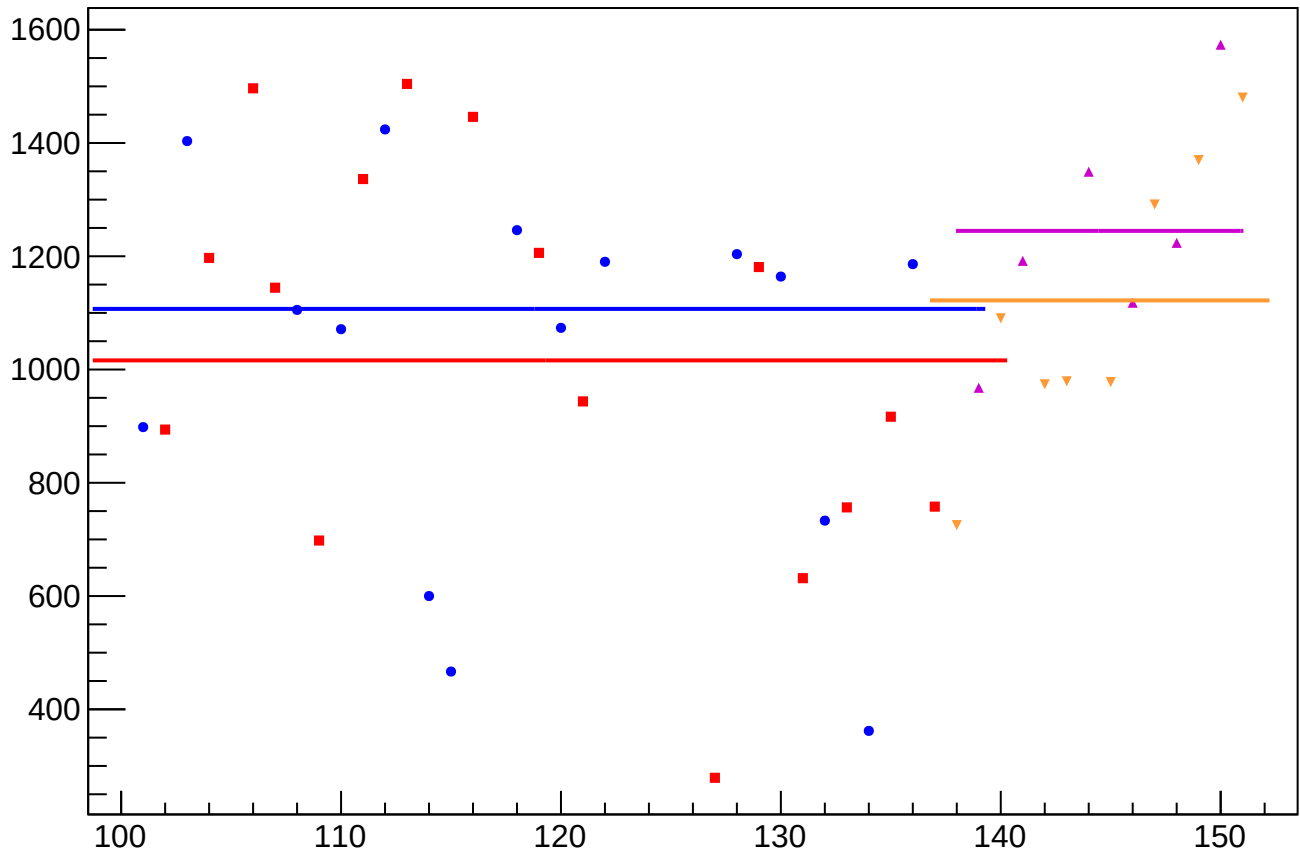
Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 1042.956+/-0.000 χ^2/NDF : 119313041591058975735593007264982630400.0/7

Right Out: 741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

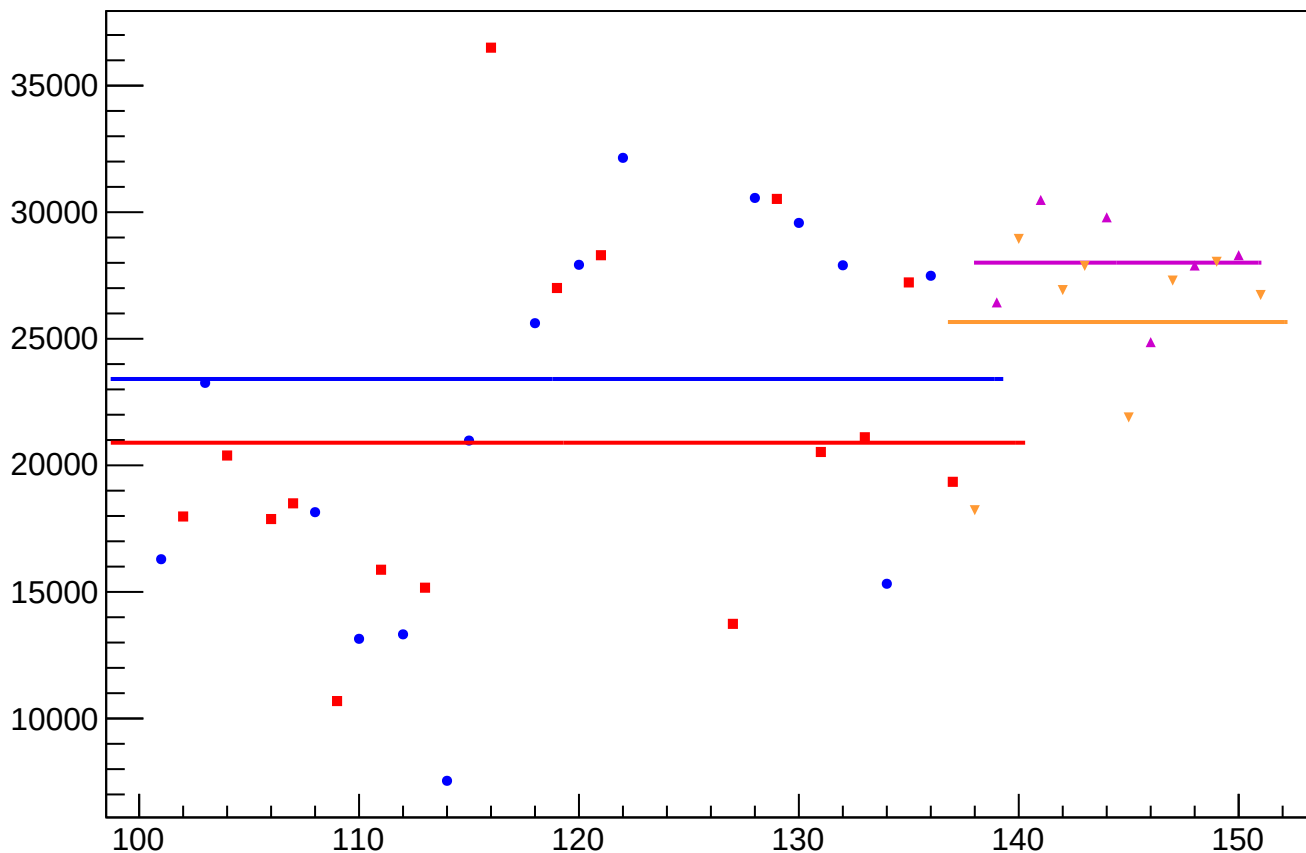
Left In: 1007.063+/-0.000 χ^2/NDF : 57557249777968398041100644943138914304.0/5

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5
 All: 1114.850 $\pm$ 0.000 χ^2 /NDF: 18077303811
 + sign 1114.200 $\pm$ 0.000 χ^2 /NDF: 74401169121513
 - sign 1115.533 $\pm$ 0.000 χ^2 /NDF: 10637079448485

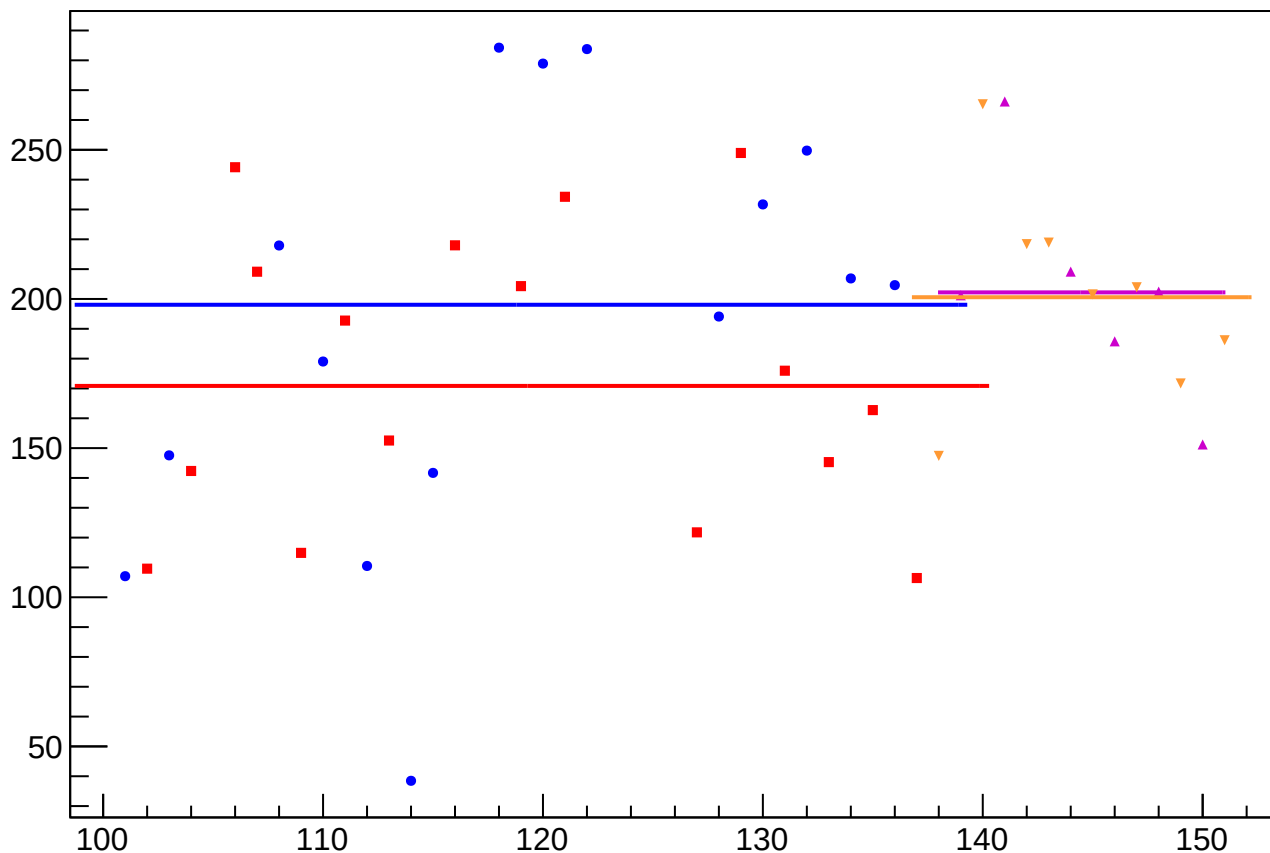
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 25662.217+/-0.000	χ^2/NDF : 7520082180573570354469920075641104891904.0/7
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 28006.844+/-0.000	χ^2/NDF : 1834063726054189725150689563854732525568.0/5

+ sign 24486.121+/-0.000 χ^2/NDF : 3751724125569
 All: 24242.631+/-0.000 χ^2/NDF : 8158150386
 - sign 23986.348+/-0.000 χ^2/NDF : 4391312403222

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 200.583+/-0.000 χ^2/NDF : 687916171928103505315125412526817280.0/7

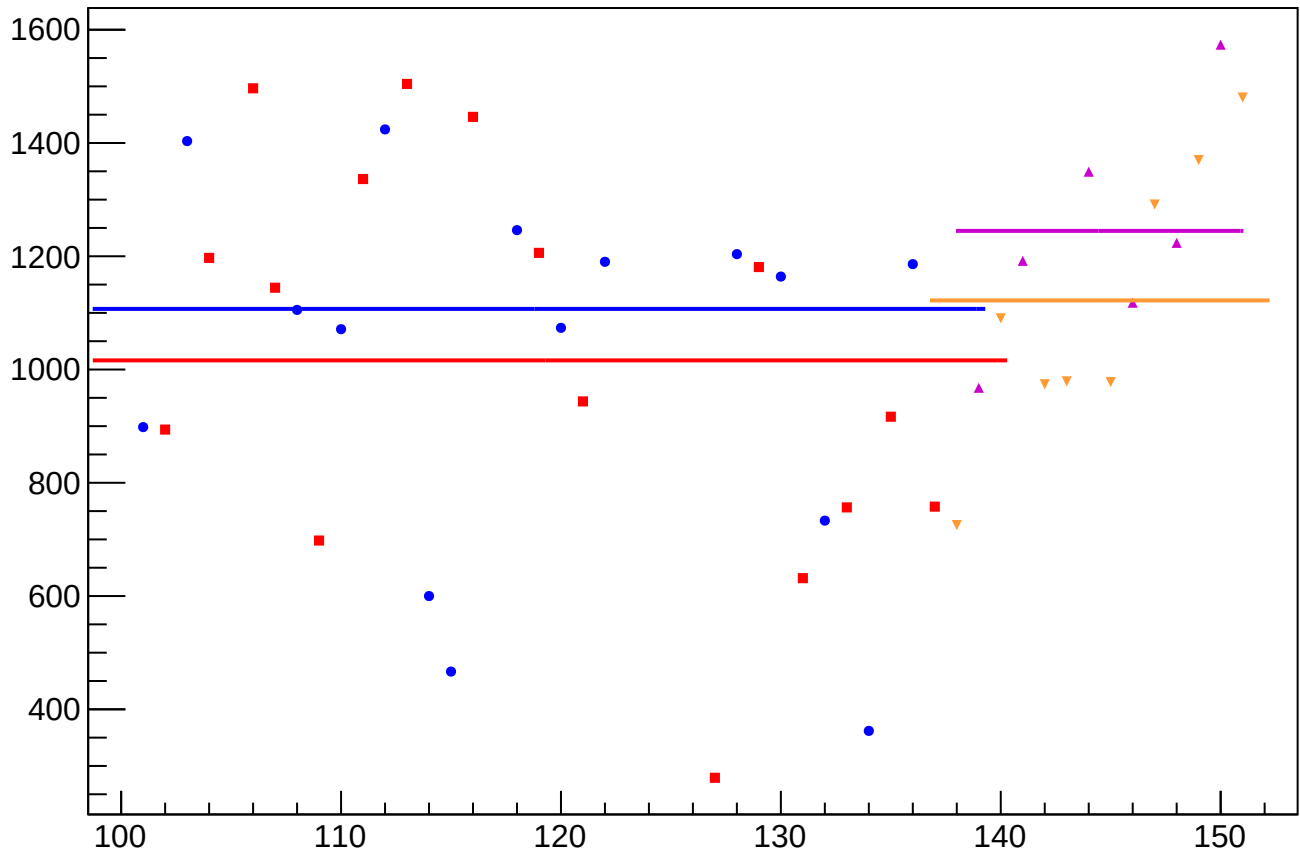
Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: 202.207+/-0.000 χ^2/NDF : 611408857944287579306394847184683008.0/5

All: 192.062+/-0.000 χ^2/NDF : 561981743156

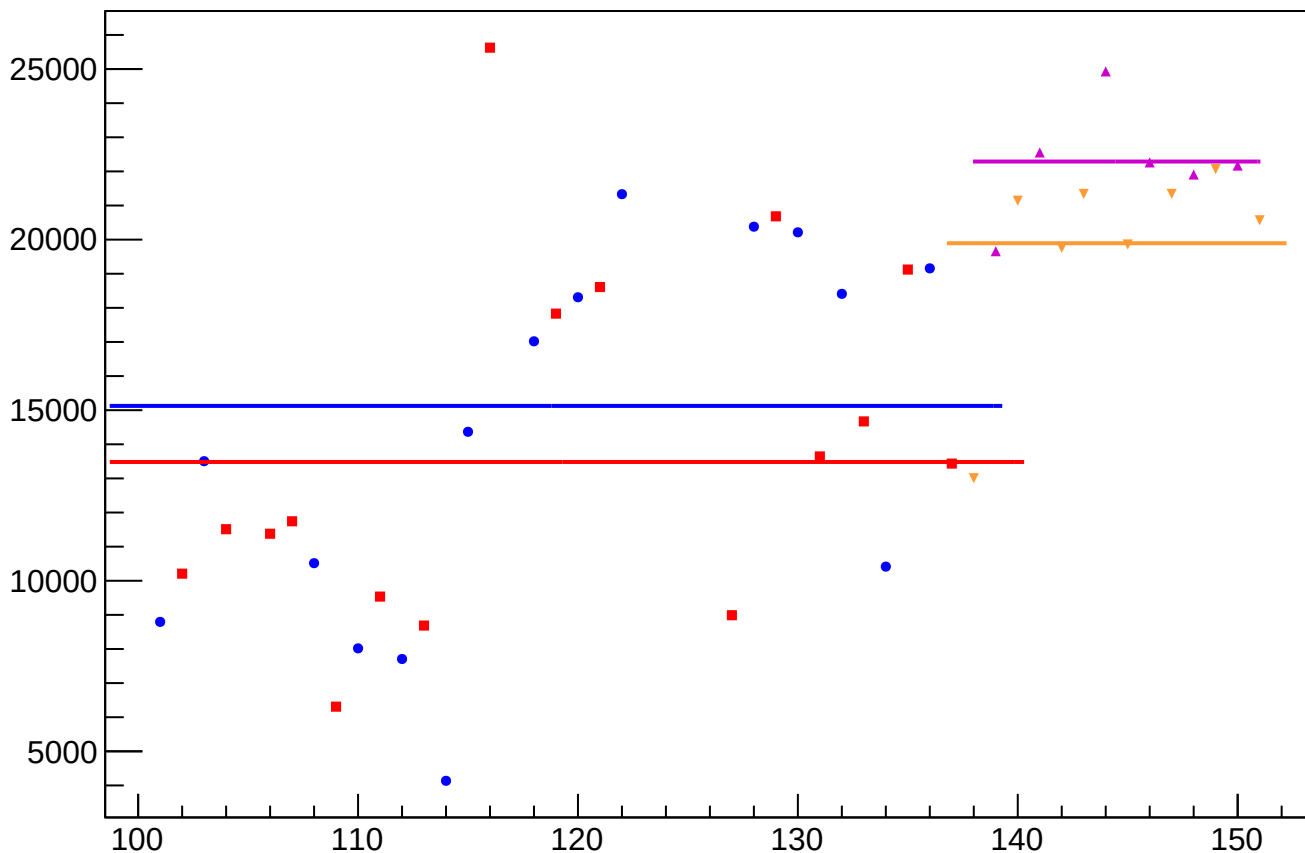
- sign 184.483+/-0.000 χ^2/NDF : 231482652073331

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2 /NDF: 18636269777348835849535685142220111872.0/5
 All: 1114.850 $\pm$ 0.000 χ^2 /NDF: 18077303811
 + sign 1114.200 $\pm$ 0.000 χ^2 /NDF: 74401169121513
 - sign 1115.533 $\pm$ 0.000 χ^2 /NDF: 10637079448485

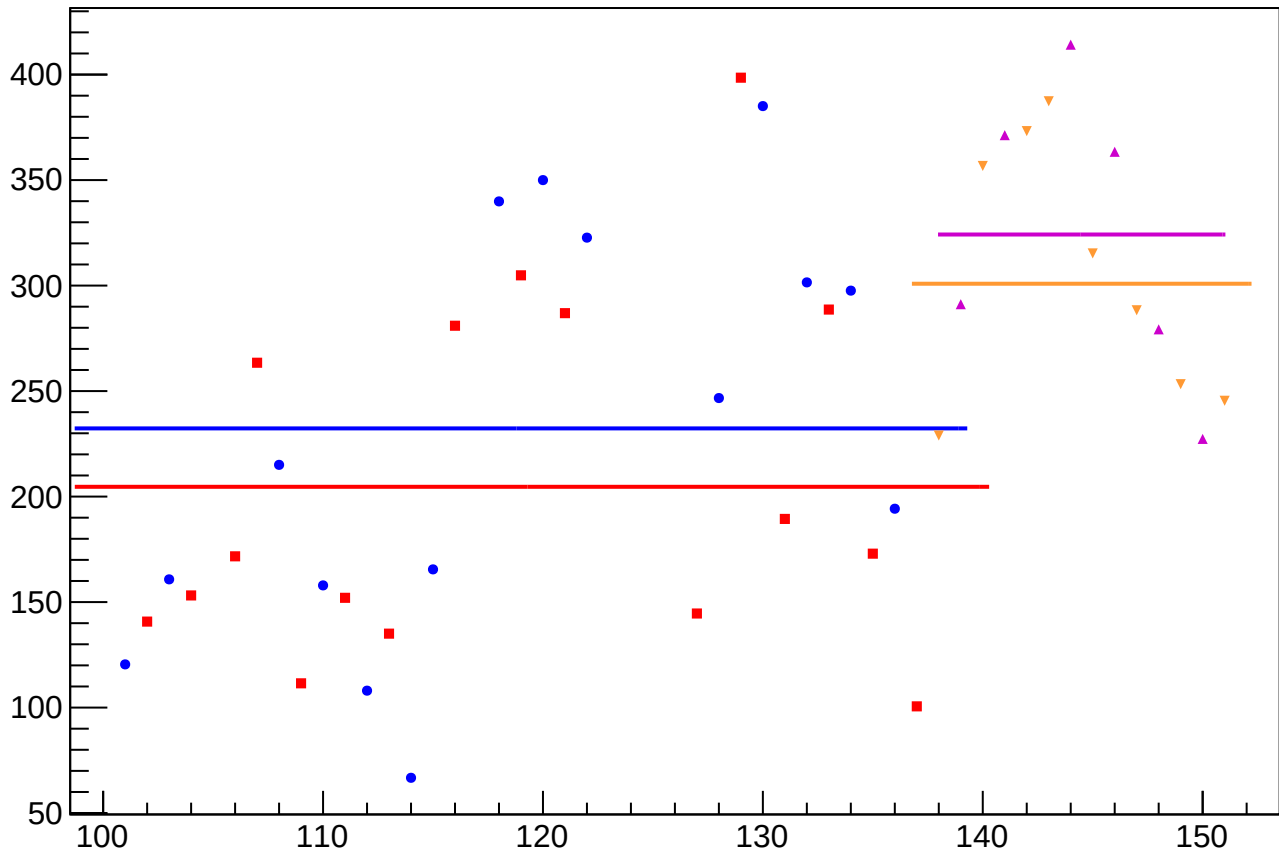
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 19894.094+/-0.000	χ^2/NDF : 4563082651107453678099483167684802117632.0/7
Right Out: 13482.244+/-0.000	χ^2/NDF : 15910426475407825250252248749810022088704.0/15
Left In: 22289.110+/-0.000	χ^2/NDF : 1200961793730336509149123615106480996352.0/5

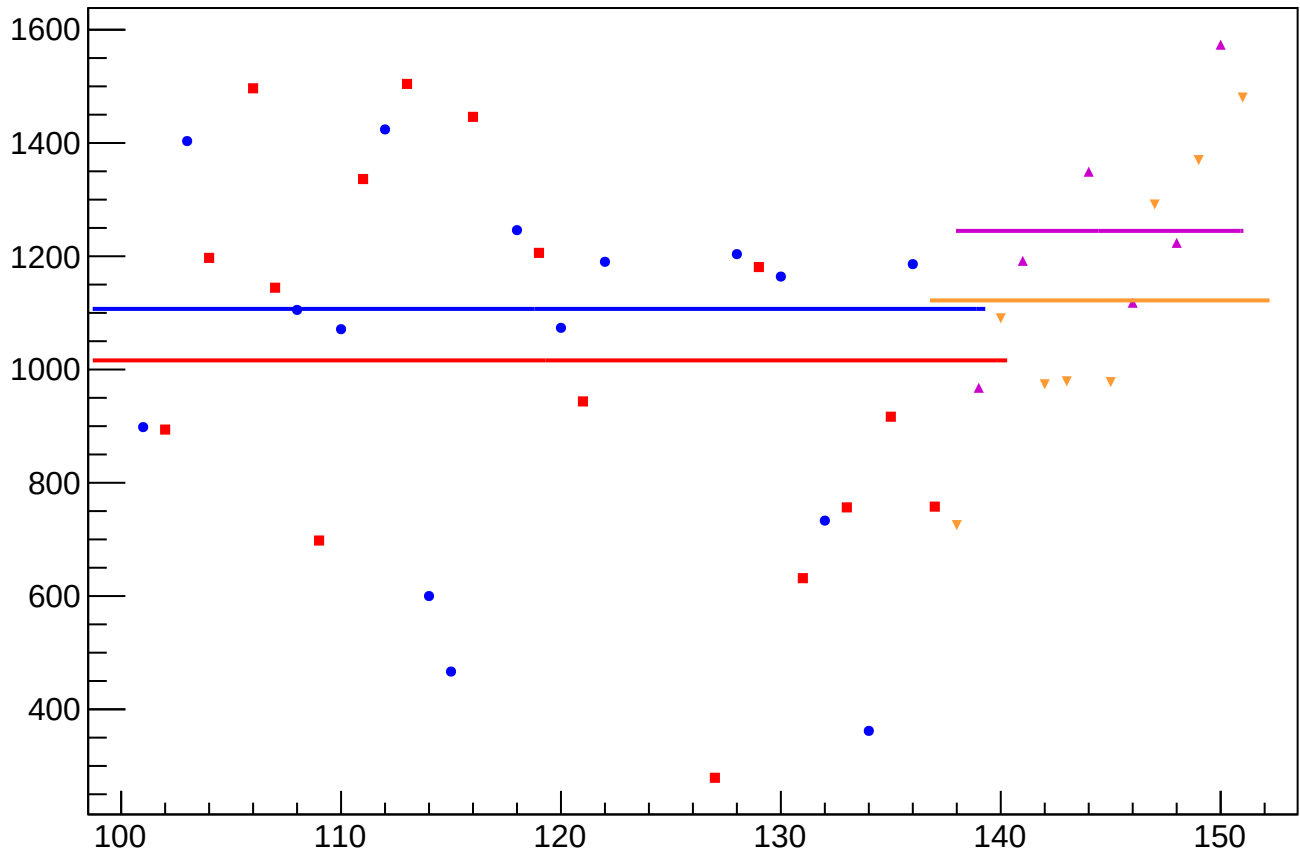
+ sign 17402.467+/-0.000 χ^2/NDF : 2822379153496
 All: 17357.900+/-0.000 χ^2/NDF : 6783099478
 - sign 17310.992+/-0.000 χ^2/NDF : 3960213994777

dit_sam6_coil4_err_mean vs Slug



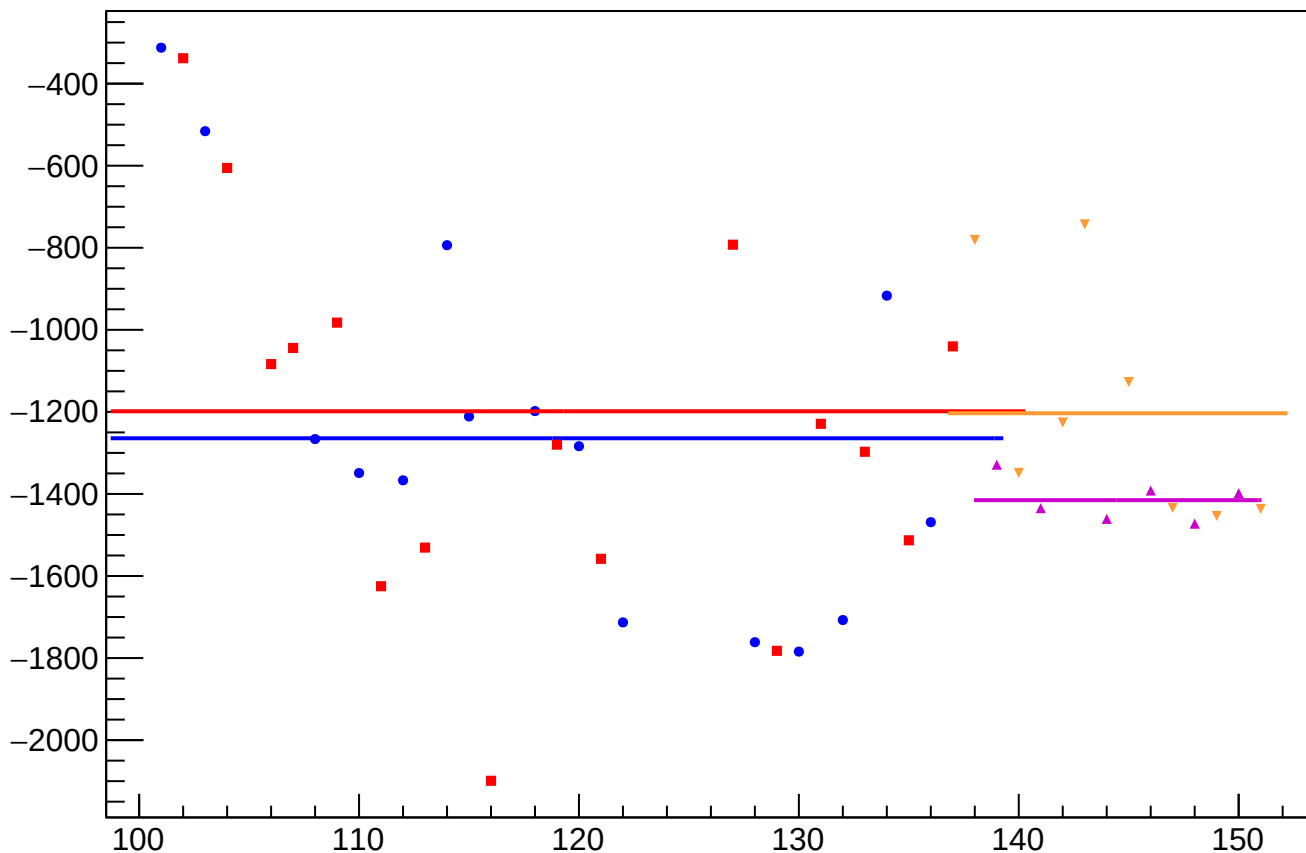
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 300.876+/-0.000 χ^2/NDF : 1857041113306936471766582830989049856.0/7
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 324.204+/-0.000 χ^2/NDF : 2148228643887272814032798056701755392.0/5

dit_sam6_coil4_Ndata_mean vs Slug



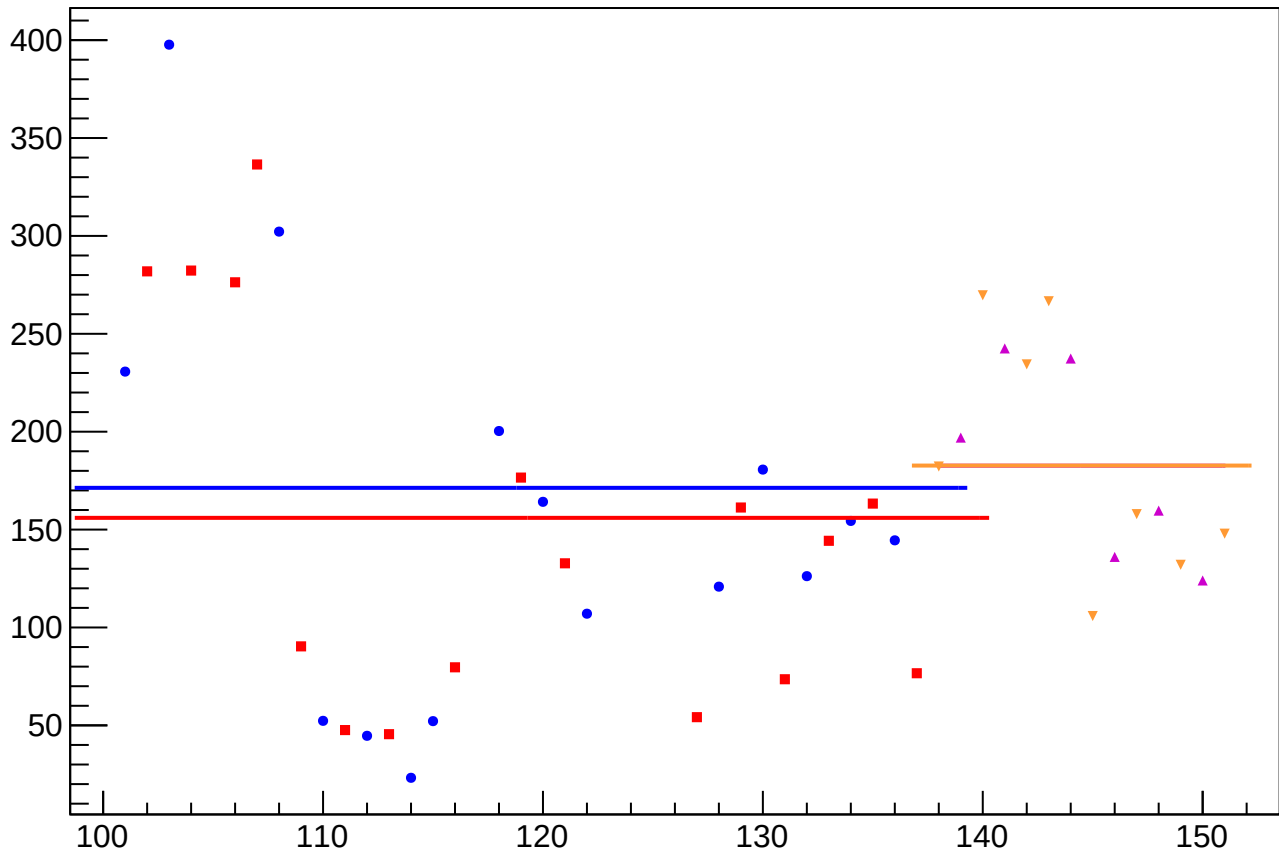
Right In: 1107.052 $\pm$ 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2/NDF : 18636269777348835849535685142220111872.0/5
 All: 1114.850 $\pm$ 0.000 χ^2/NDF : 18077303811
 + sign 1114.200 $\pm$ 0.000 χ^2/NDF : 74401169121513
 - sign 1115.533 $\pm$ 0.000 χ^2/NDF : 10637079448485

dit_sam7_coil4_mean vs Slug



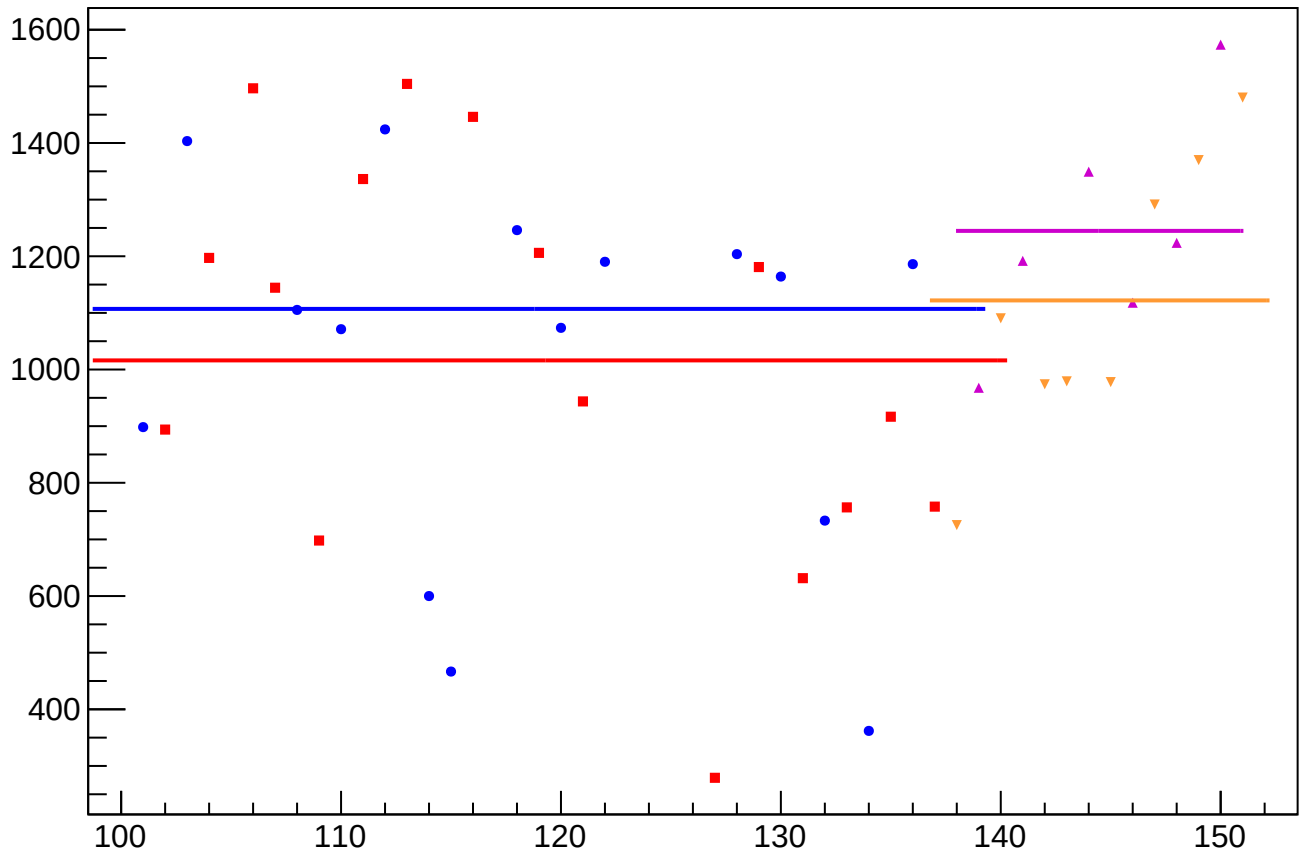
Right In: -1264.303+/-0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1203.313+/-0.000 χ^2/NDF : 43940040189130552062490649575129350144.0/7
 Right Out: -1198.483+/-0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1415.148+/-0.000 χ^2/NDF : 1169961848052481871573825157368643584.0/5

dit_sam7_coil4_err_mean vs Slug



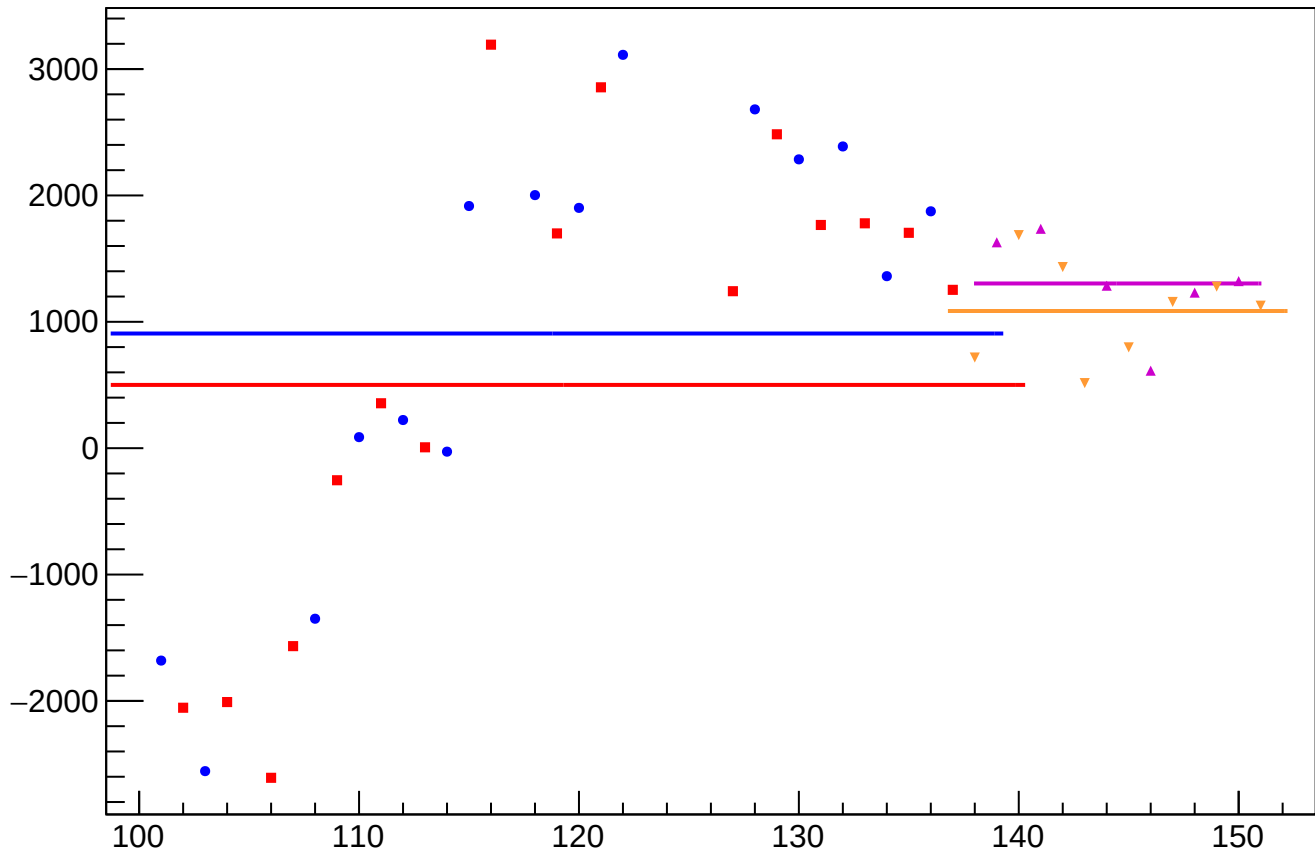
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 182.697+/-0.000 χ^2/NDF : 2050446676694538854667554891872862208.0/7
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 182.627+/-0.000 χ^2/NDF : 1125423592731982182002145001327296512.0/5

dit_sam7_coil4_Ndata_mean vs Slug



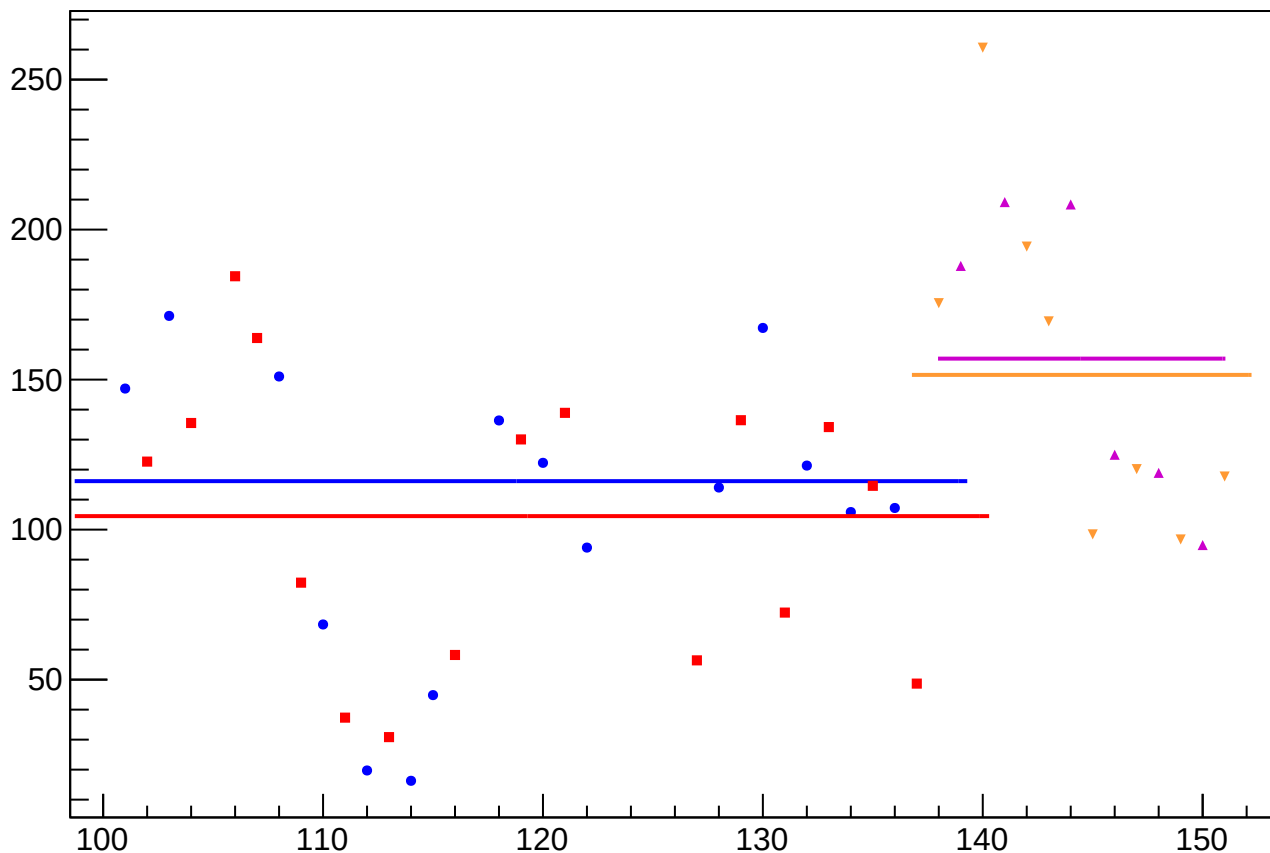
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 +/- 0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 +/- 0.000 χ^2/NDF : 18636269777348835849535685142220111872.0/5
 All: 1114.850 +/- 0.000 χ^2/NDF : 18077303811
 + sign 1114.200 +/- 0.000 χ^2/NDF : 74401169121513
 - sign 1115.533 +/- 0.000 χ^2/NDF : 10637079448485

dit_sam8_coil4_mean vs Slug



Right In: 907.442 $\pm$ 0.000 χ^2 /NDF: 2107238007691848638499662178406566461440.0/14
 Left Out: 1085.599 $\pm$ 0.000 χ^2 /NDF: 77891939536984415985244536049057660928.0/7
 Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15
 Left In: 1303.424 $\pm$ 0.000 χ^2 /NDF: 64554211379912571639081791337854402560.0/5

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14

Left Out: 151.571+/-0.000 χ^2/NDF : 1772344250060841501438947267218243584.0/7

Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15

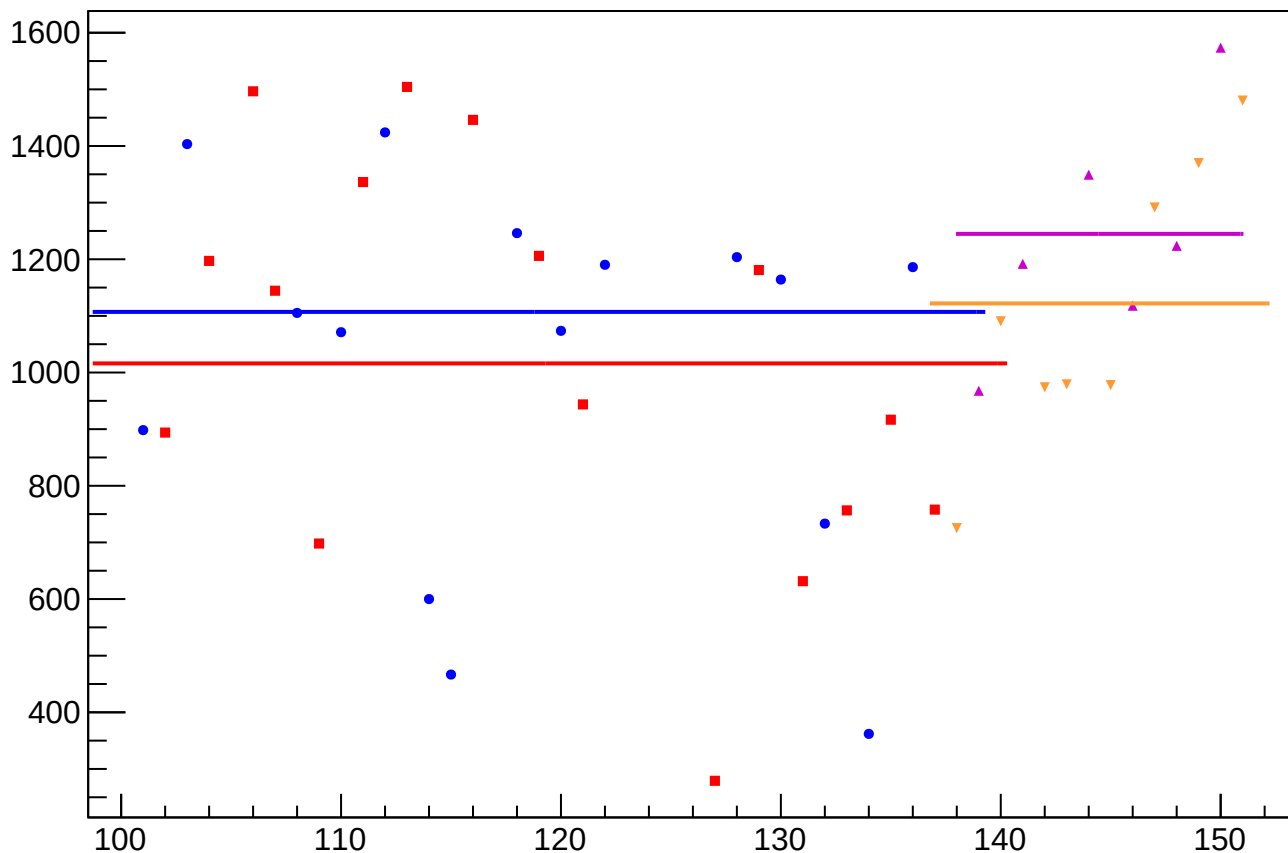
Left In: 156.996+/-0.000 χ^2/NDF : 1102016210747177587589405530969341952.0/5

+ sign 133.067+/-0.000 χ^2/NDF : 335945067327207

All: 130.268+/-0.000 χ^2/NDF : 656653582730

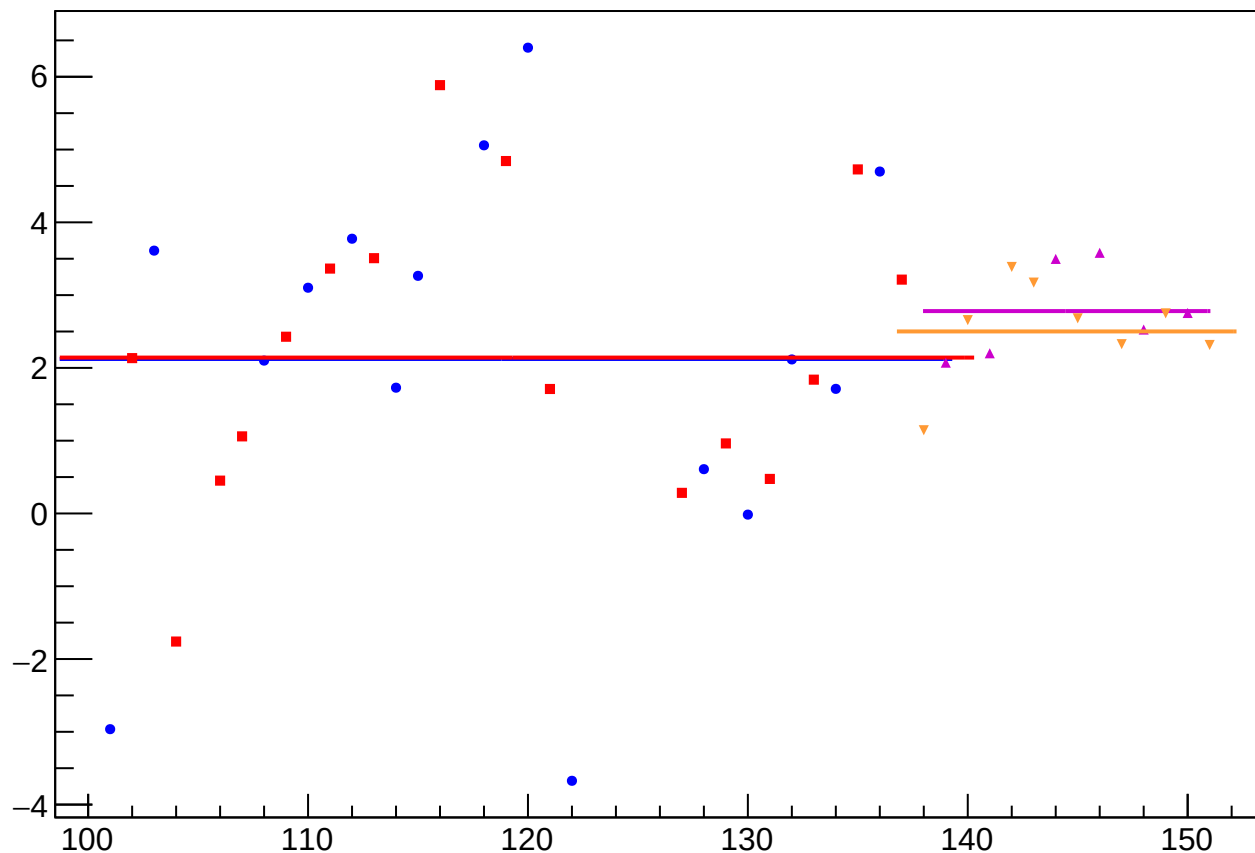
- sign 127.323+/-0.000 χ^2/NDF : 318712069505893

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: 1016.106 $\pm$ 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1244.807 $\pm$ 0.000 χ^2/NDF : 18636269777348835849535685142220111872.0/5
 All: 1114.850 $\pm$ 0.000 χ^2/NDF : 18077303811
 + sign 1114.200 $\pm$ 0.000 χ^2/NDF : 74401169121513
 - sign 1115.533 $\pm$ 0.000 χ^2/NDF : 10637079448485

dit_4aX_coil6_mean vs Slug



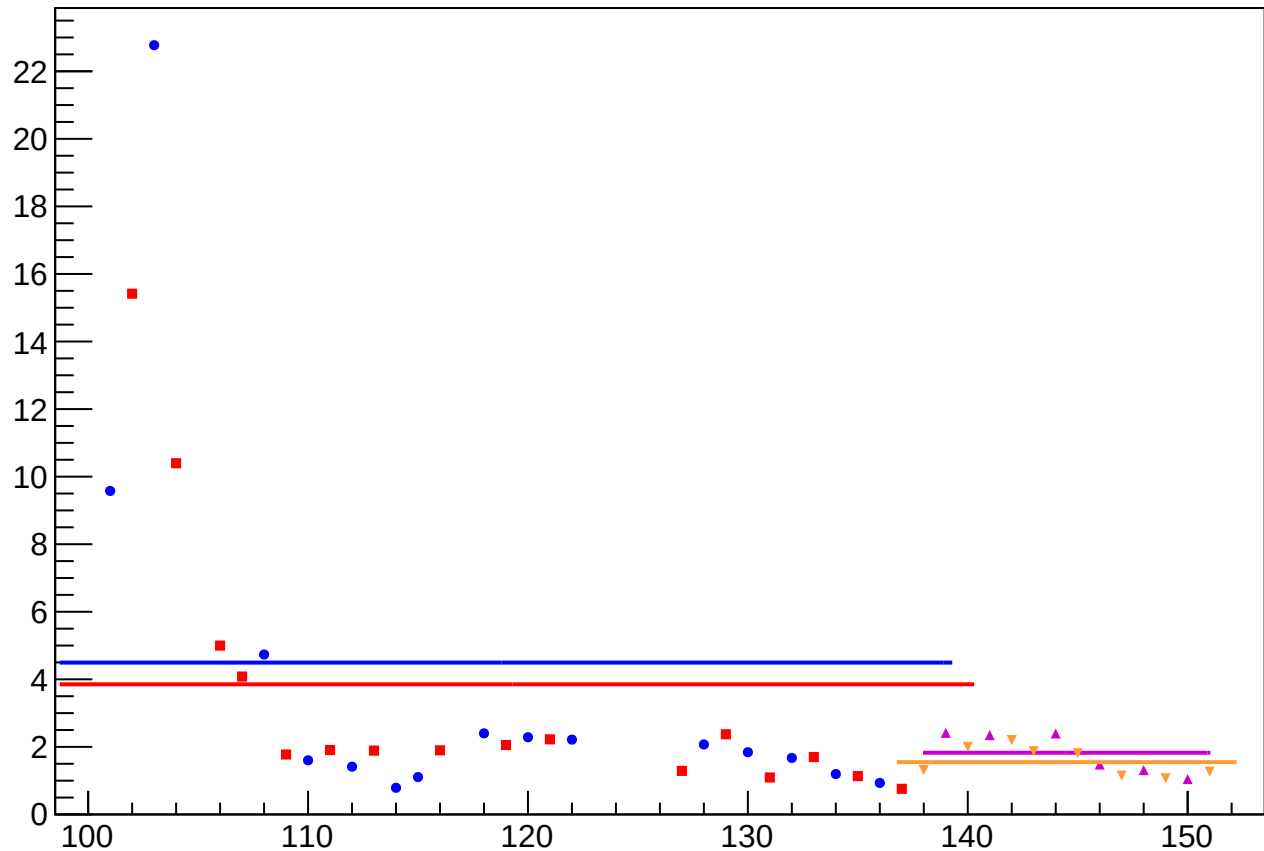
Right In: 2.123 ± 0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14

Left Out: 2.501 ± 0.000 χ^2/NDF : 224890056499065822204898668707840.0/7

Right Out: 2.142 ± 0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15

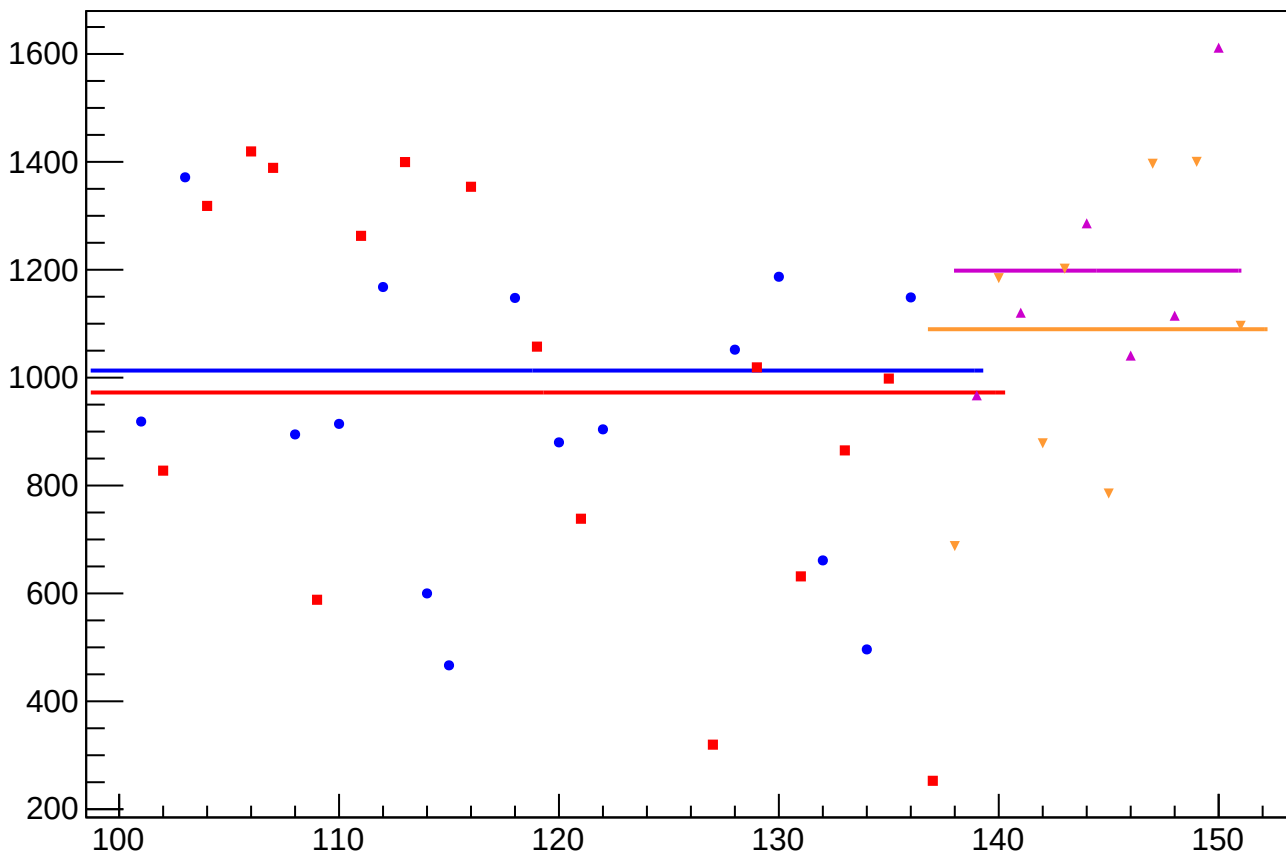
Left In: 2.781 ± 0.000 χ^2/NDF : 173676008693772132805648639328256.0/5

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000	χ^2/NDF : 25270242219816061532329198634401792.0/14
Left Out: 1.548+/-0.000	χ^2/NDF : 91195756069551550422756989337600.0/7
Right Out: 3.852+/-0.000	χ^2/NDF : 12314971476556806550518847638601728.0/15
Left In: 1.827+/-0.000	χ^2/NDF : 168360482614647868394930488475648.0/5
+ sign 3.088+/-0.000	χ^2/NDF : 28053386410565903
All: 3.031+/-0.000	χ^2/NDF : 41734140580456
- sign 2.972+/-0.000	χ^2/NDF : 13672624420297336

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1089.757 $\pm$ 0.000 χ^2 /NDF: 39185736443320245411683779286881271808.0/7

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

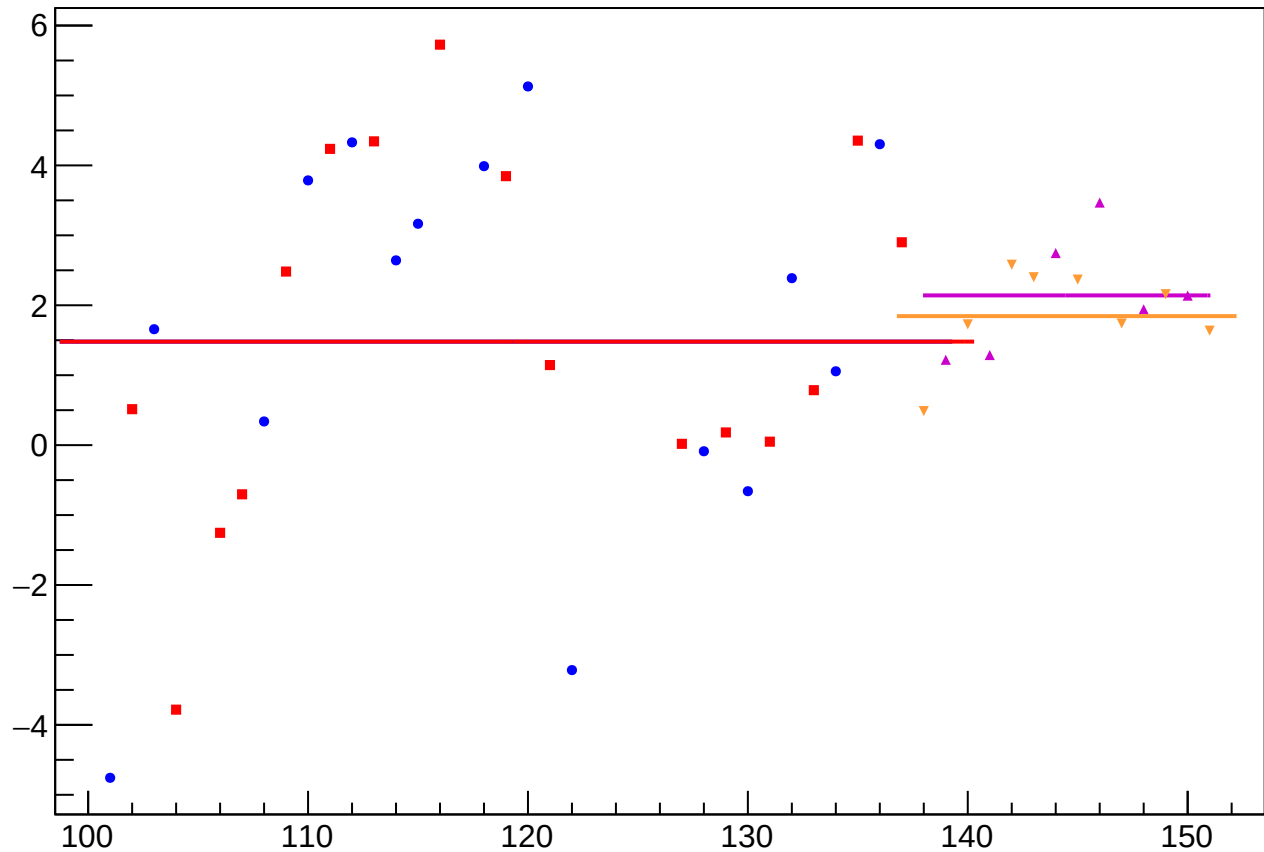
Left In: 1198.357 $\pm$ 0.000 χ^2 /NDF: 23718566756946360471966267132453322752.0/5

+ sign 1049.725 $\pm$ 0.000 χ^2 /NDF: 72725693052898

All: 1059.929 $\pm$ 0.000 χ^2 /NDF: 19039081647

- sign 1070.670 $\pm$ 0.000 χ^2 /NDF: 11739965107825

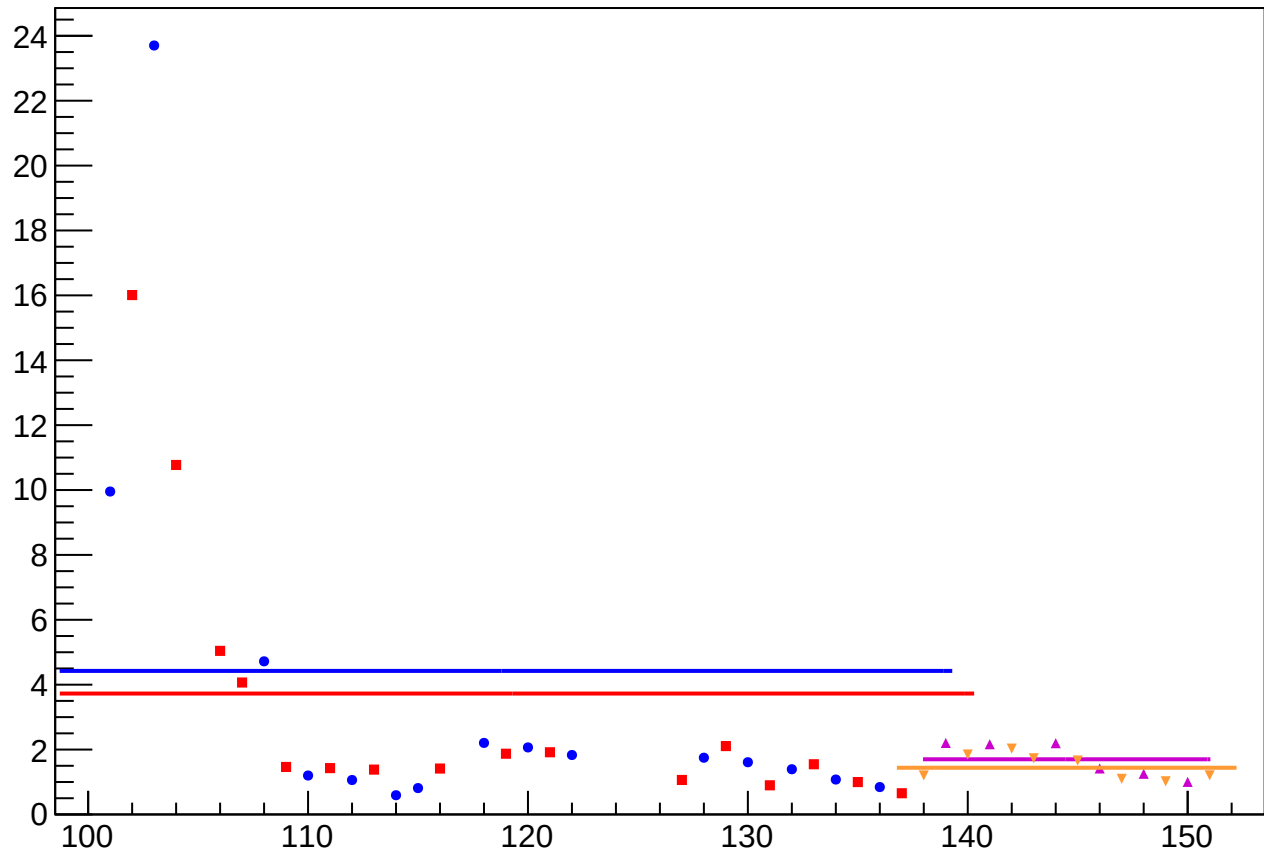
dit_4eX_coil6_mean vs Slug



Right In: 1.480 $\pm$ 0.000	χ^2 /NDF: 5799670695902784459055767987683328.0/14
Left Out: 1.845 $\pm$ 0.000	χ^2 /NDF: 225105759094710165563018923999232.0/7
Right Out: 1.480 $\pm$ 0.000	χ^2 /NDF: 4092645800613765572662987820367872.0/15
Left In: 2.141 $\pm$ 0.000	χ^2 /NDF: 312627213747495631662685108568064.0/5

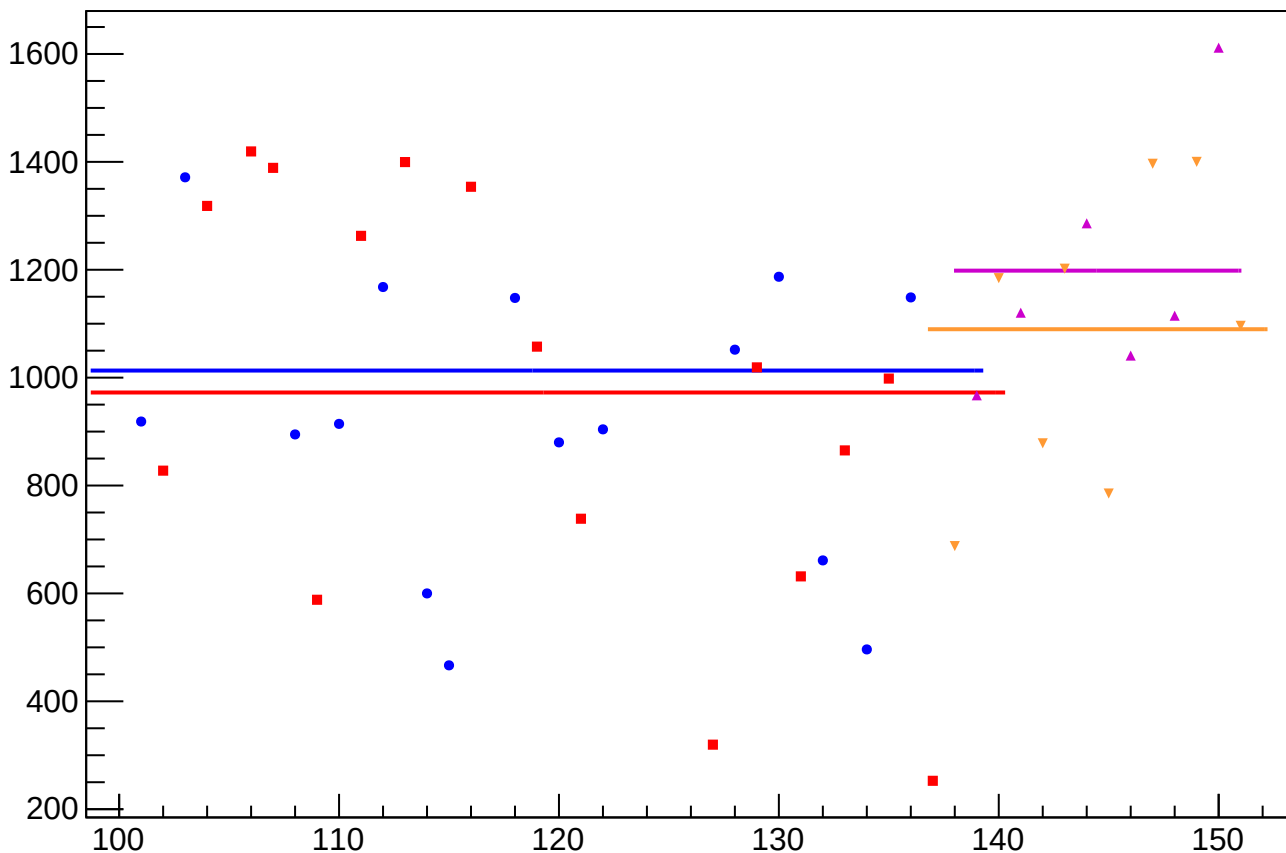
+ sign 1.654 $\pm$ 0.000 χ^2 /NDF: 60659944037958036
 All: 1.709 $\pm$ 0.000 χ^2 /NDF: 10605681325820
 - sign 1.768 $\pm$ 0.000 χ^2 /NDF: 45319037102378396

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000	χ^2/NDF : 28257459272876210608839830473277440.0/14	+ sign 2.999+/-0.000	χ^2/NDF : 31089559469514967
Left Out: 1.440+/-0.000	χ^2/NDF : 71753054599804956505349849874432.0/7	All: 2.925+/-0.000	χ^2/NDF : 4641478791755
Right Out: 3.727+/-0.000	χ^2/NDF : 13991816814749842519794284853460992.0/15	- sign 2.846+/-0.000	χ^2/NDF : 15310988511207799
Left In: 1.701+/-0.000	χ^2/NDF : 128247204963559953181065047179264.0/5		

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1089.757 $\pm$ 0.000 χ^2 /NDF: 39185736443320245411683779286881271808.0/7

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

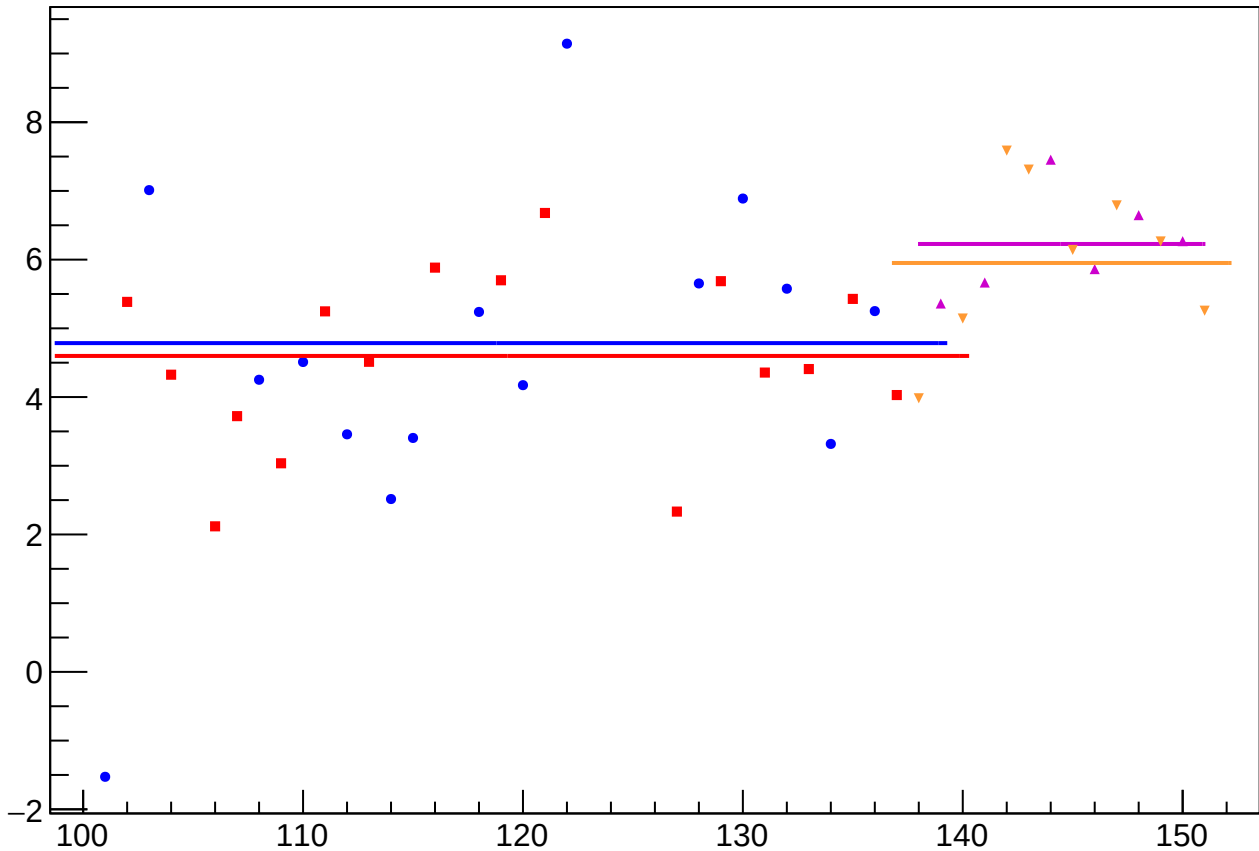
Left In: 1198.357 $\pm$ 0.000 χ^2 /NDF: 23718566756946360471966267132453322752.0/5

+ sign 1049.725 $\pm$ 0.000 χ^2 /NDF: 72725693052898

All: 1059.929 $\pm$ 0.000 χ^2 /NDF: 19039081647

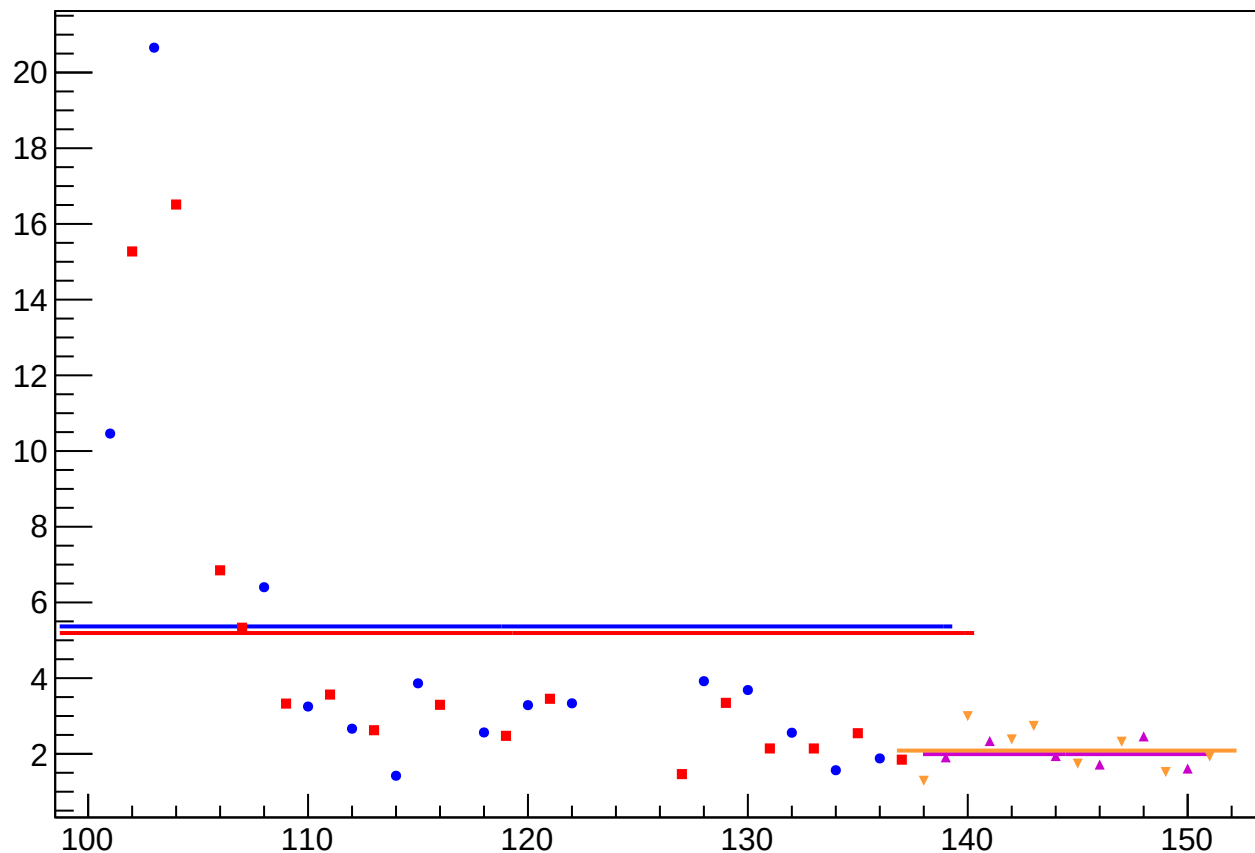
- sign 1070.670 $\pm$ 0.000 χ^2 /NDF: 11739965107825

dit_11X12X_coil6_mean vs Slug



Right In: 4.785 $\pm$ 0.000 χ^2 /NDF: 3996556073154779711808159470321664.0/14
 Left Out: 5.951 $\pm$ 0.000 χ^2 /NDF: 705981269337661431940348108603392.0/7
 Right Out: 4.598 $\pm$ 0.000 χ^2 /NDF: 989607156792948633247632779640832.0/15
 Left In: 6.228 $\pm$ 0.000 χ^2 /NDF: 247551756009728582819557081612288.0/5

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.087+/-0.000 χ^2/NDF : 192724273643613897736371423936512.0/7

Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

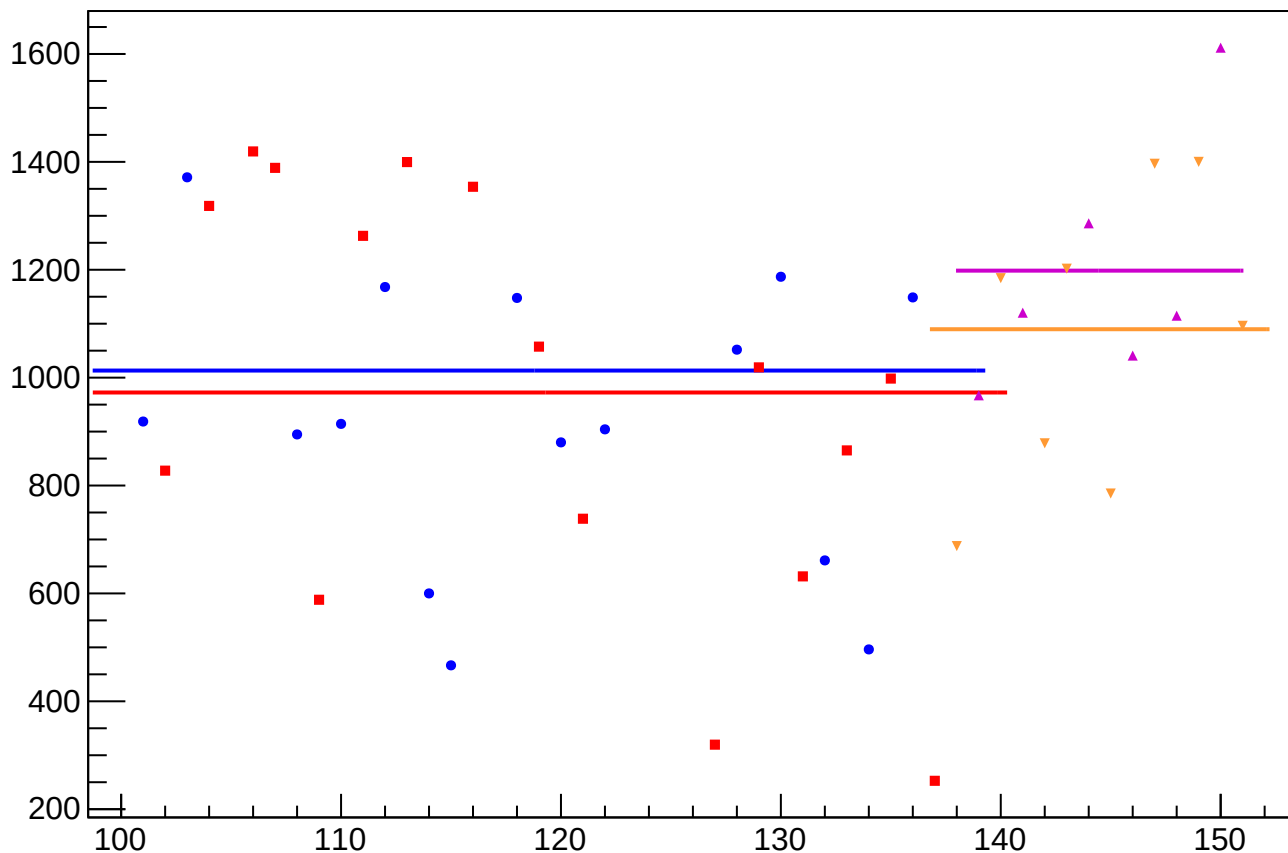
Left In: 1.993+/-0.000 χ^2/NDF : 48909647650462871216313224658944.0/5

+ sign 3.800+/-0.000 χ^2/NDF : 22305936634818085

All: 3.801+/-0.000 χ^2/NDF : 41072203255883

- sign 3.801+/-0.000 χ^2/NDF : 18766265939961907

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

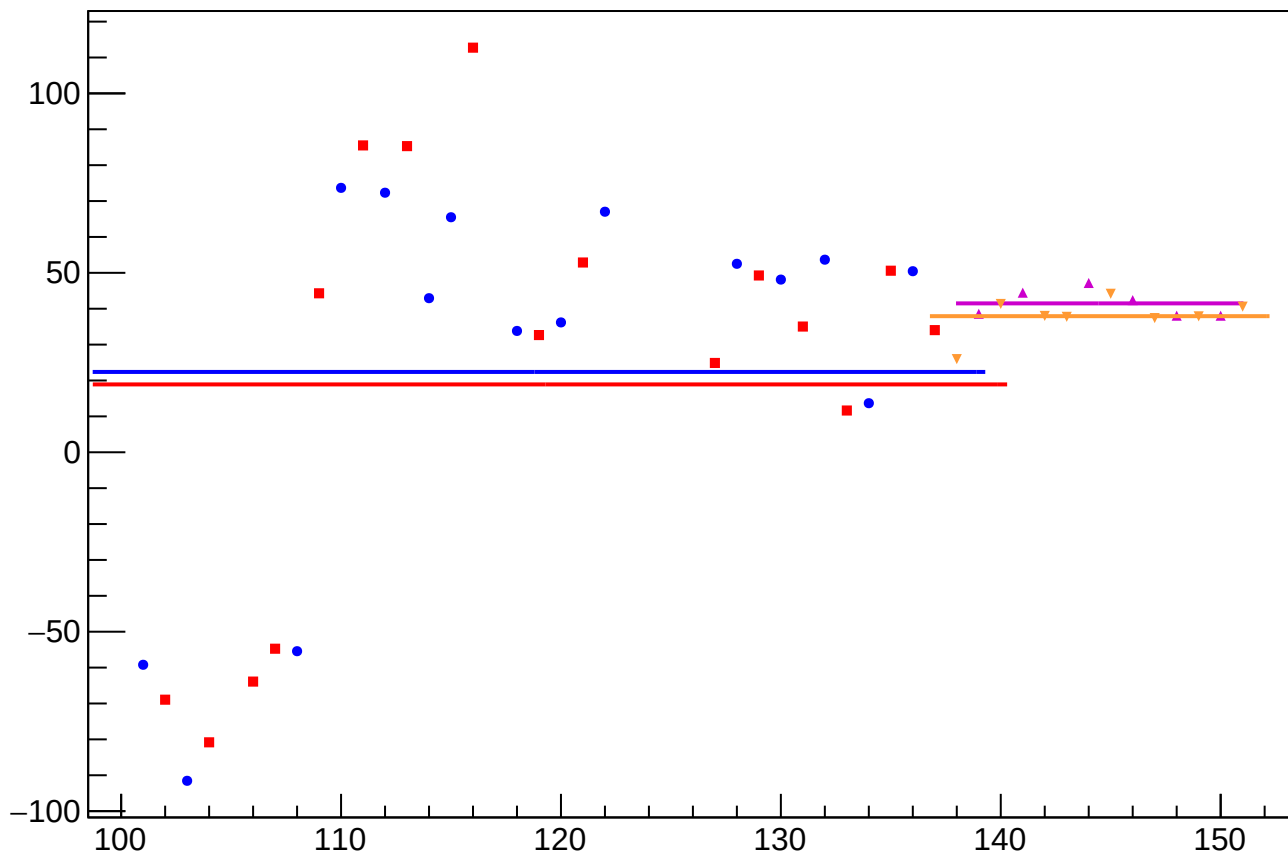
Left In: 1198.357+/-0.000 χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725+/-0.000 χ^2/NDF : 72725693052898

All: 1059.929+/-0.000 χ^2/NDF : 19039081647

- sign 1070.670+/-0.000 χ^2/NDF : 11739965107825

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.925+/-0.000 χ^2/NDF : 15843268966434624674062464266010624.0/7

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

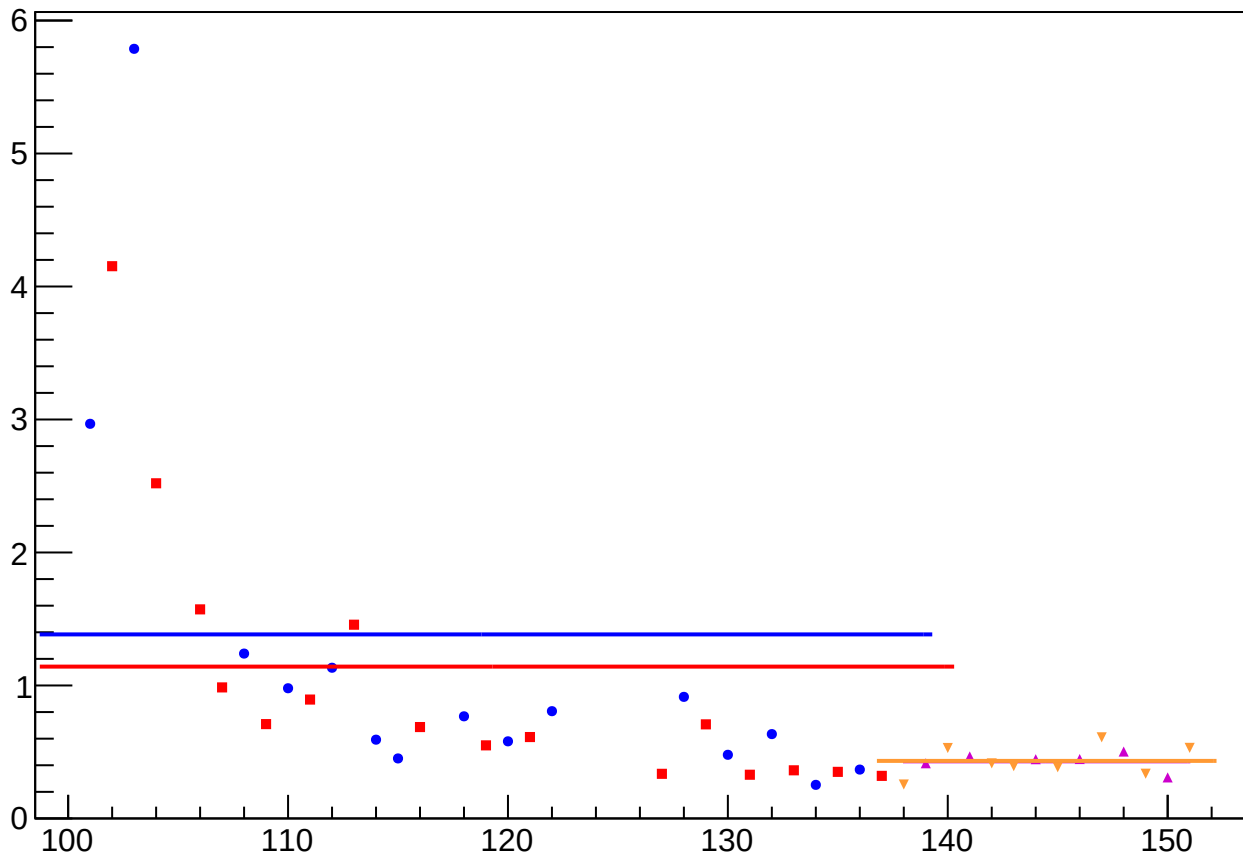
Left In: 41.489+/-0.000 χ^2/NDF : 6442971595267906106273101971980288.0/5

+ sign 29.804+/-0.000 χ^2/NDF : 2012934940136016

All: 29.278+/-0.000 χ^2/NDF : 4350171161135

- sign 28.724+/-0.000 χ^2/NDF : 2336530636168303

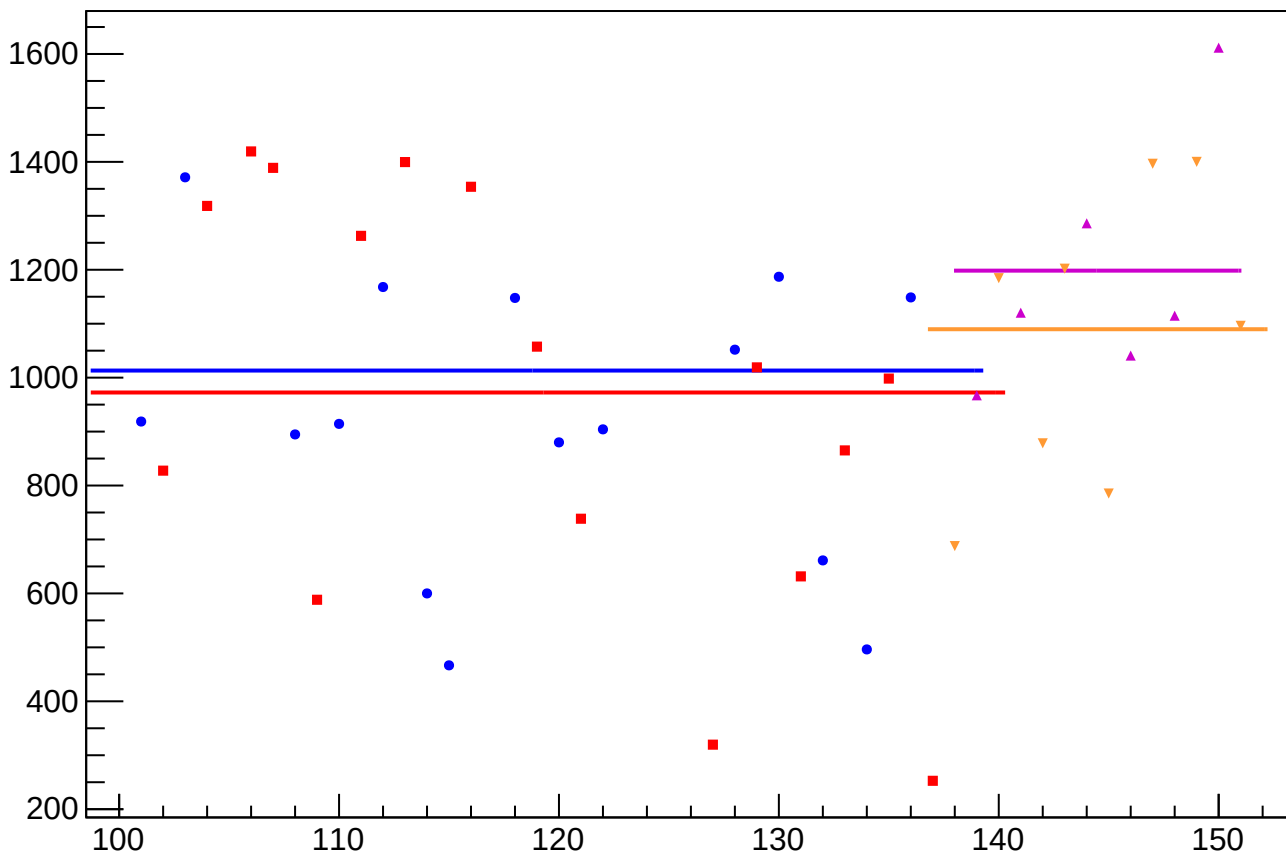
dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.433+/-0.000 χ^2/NDF : 7504203198009721054115240345600.0/7
 Right Out: 1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: 0.430+/-0.000 χ^2/NDF : 1964512959769781242127198453760.0/5

+ sign 0.930+/-0.000 χ^2/NDF : 18589975824734212
 All: 0.882+/-0.000 χ^2/NDF : 28245310559500
 - sign 0.832+/-0.000 χ^2/NDF : 95975965759138755

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

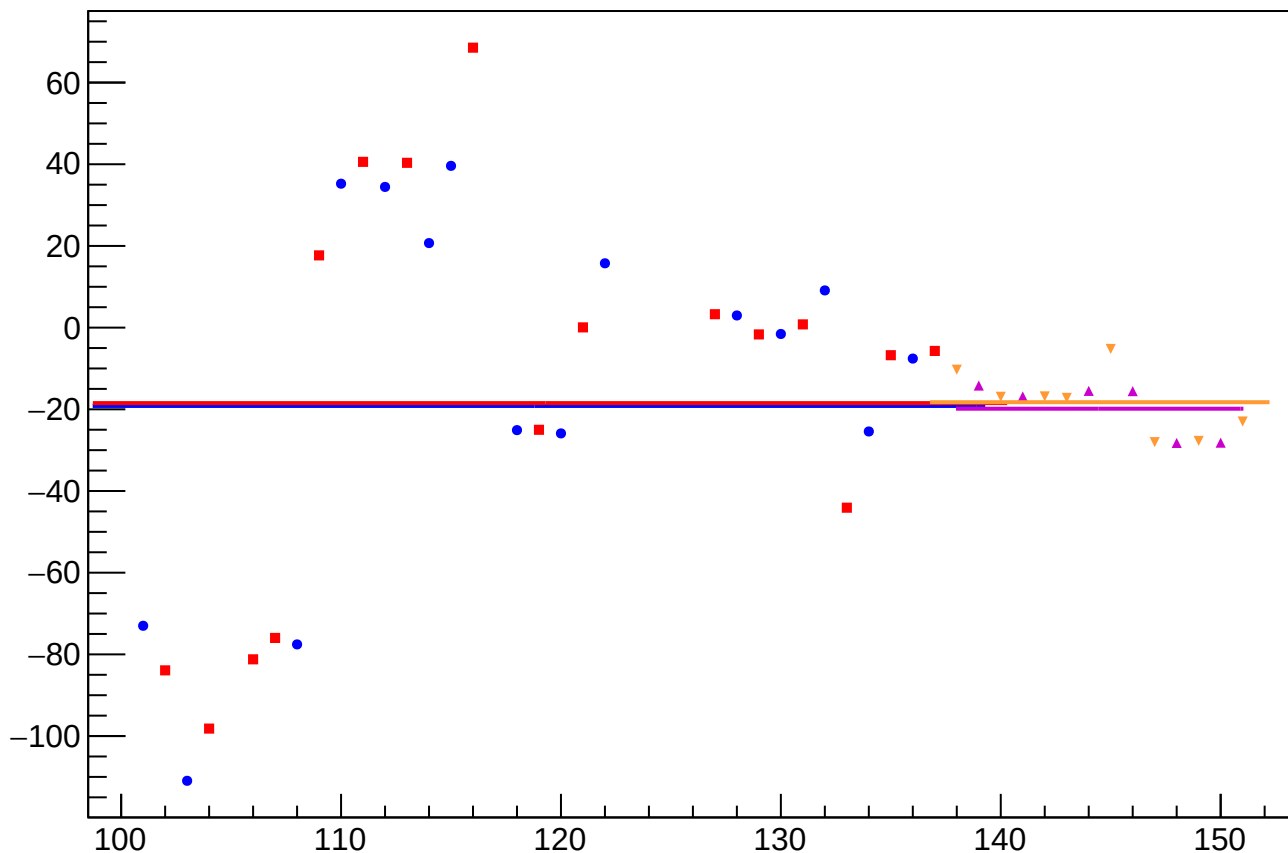
Left In: 1198.357+/-0.000 χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725+/-0.000 χ^2/NDF : 72725693052898

All: 1059.929+/-0.000 χ^2/NDF : 19039081647

- sign 1070.670+/-0.000 χ^2/NDF : 11739965107825

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -18.260+/-0.000 χ^2/NDF : 35755581052911335486882495183454208.0/7

Right Out: -18.479+/-0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

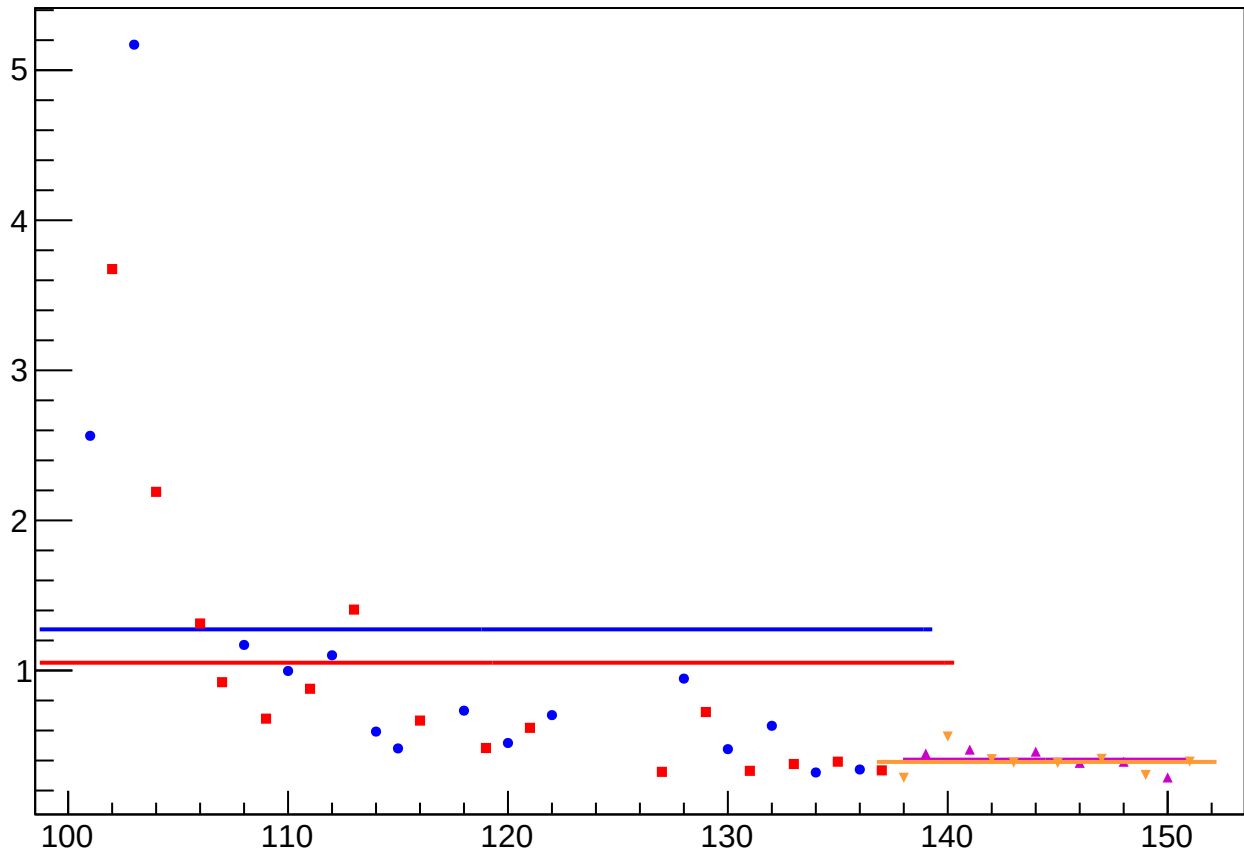
Left In: -19.852+/-0.000 χ^2/NDF : 18781752809862795342545834030923776.0/5

+ sign -18.738+/-0.000 χ^2/NDF : 128237962720290

All: -18.903+/-0.000 χ^2/NDF : 279117543393

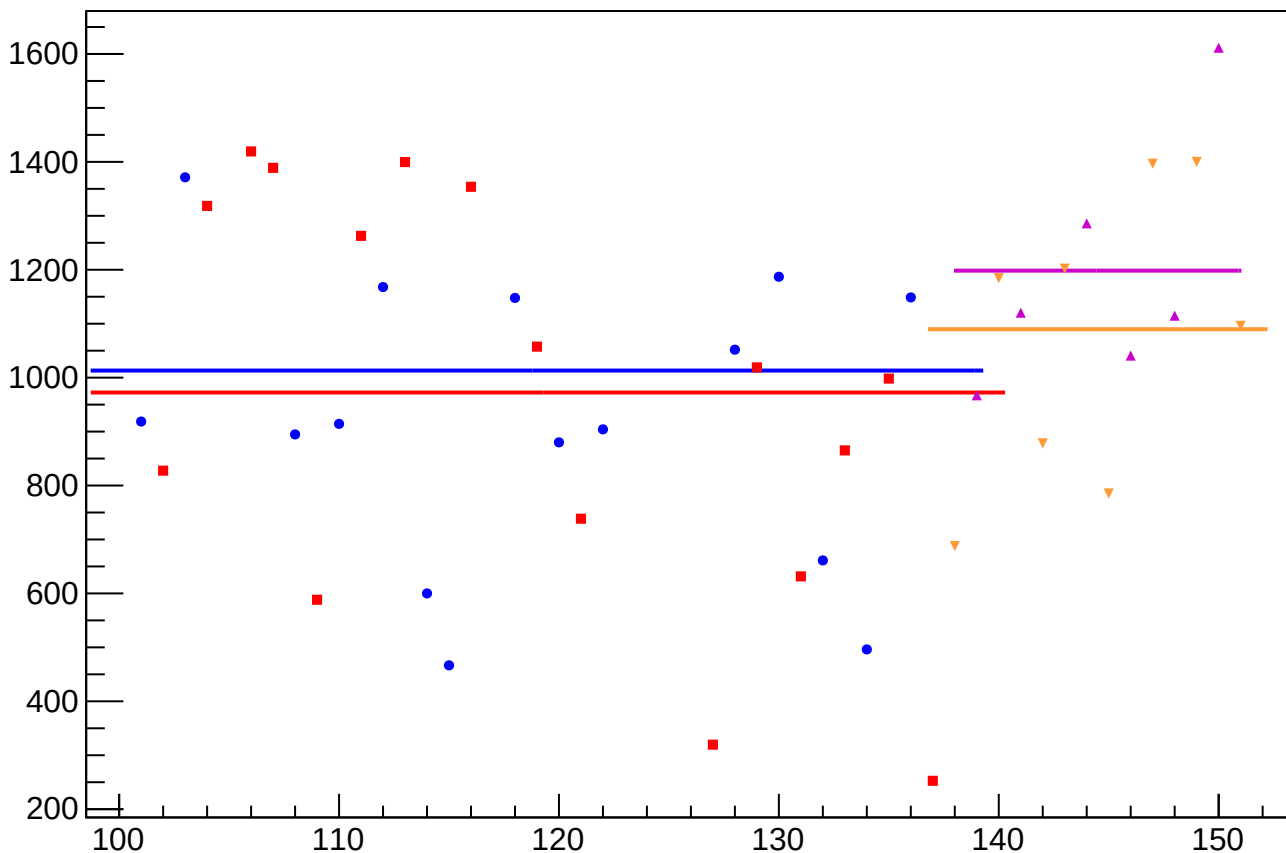
- sign -19.076+/-0.000 χ^2/NDF : 1508726784557664

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000	χ^2/NDF : 1212041476631073599154045304438784.0/14
Left Out: 0.391+/-0.000	χ^2/NDF : 3911738177250399280196424302592.0/7
Right Out: 1.052+/-0.000	χ^2/NDF : 607316121057753919194559126962176.0/15
Left In: 0.406+/-0.000	χ^2/NDF : 2099228174971814290688684589056.0/5
	+ sign 0.852+/-0.000 χ^2/NDF : 14576624141342988
	All: 0.813+/-0.000 χ^2/NDF : 21920697786702
	- sign 0.771+/-0.000 χ^2/NDF : 73040976055858949

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

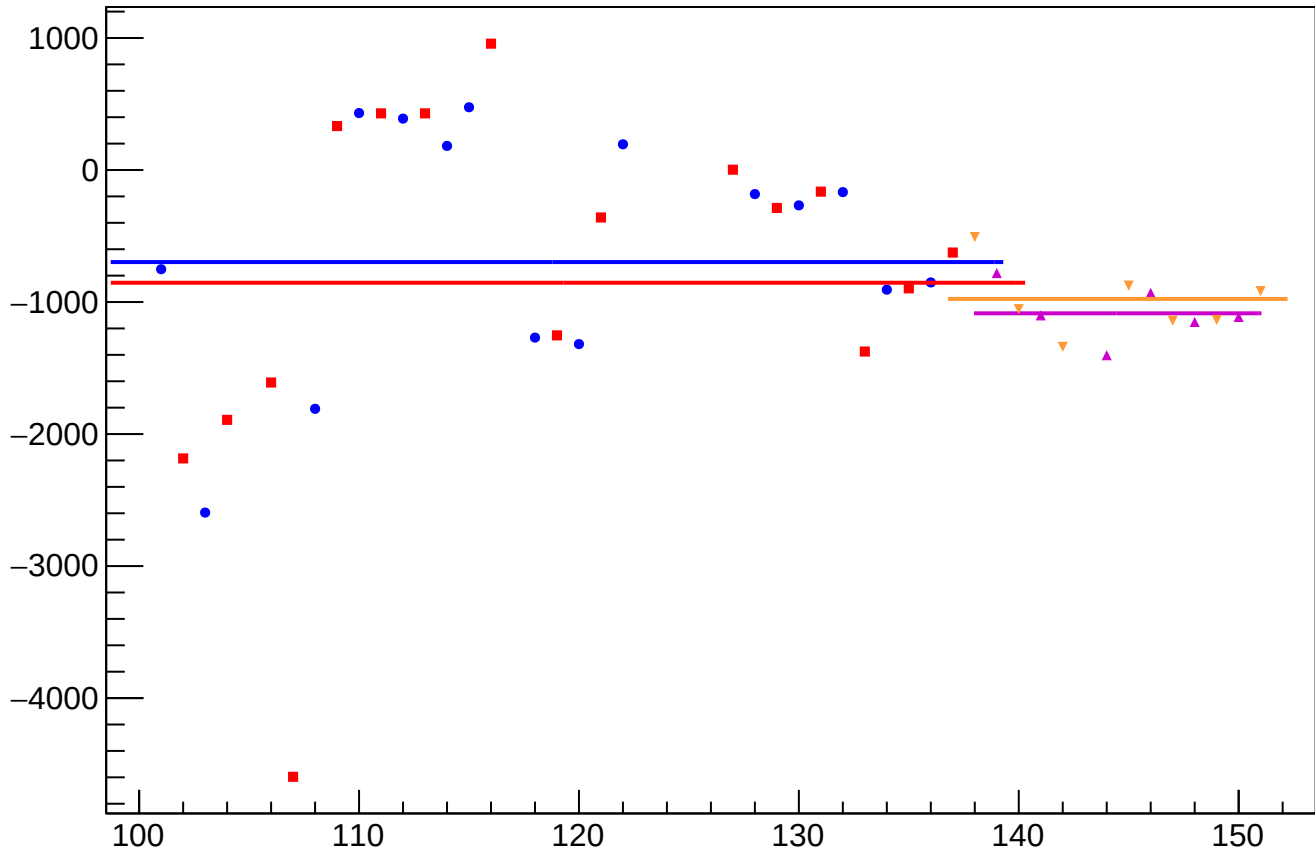
Left In: 1198.357+/-0.000 χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725+/-0.000 χ^2/NDF : 72725693052898

All: 1059.929+/-0.000 χ^2/NDF : 19039081647

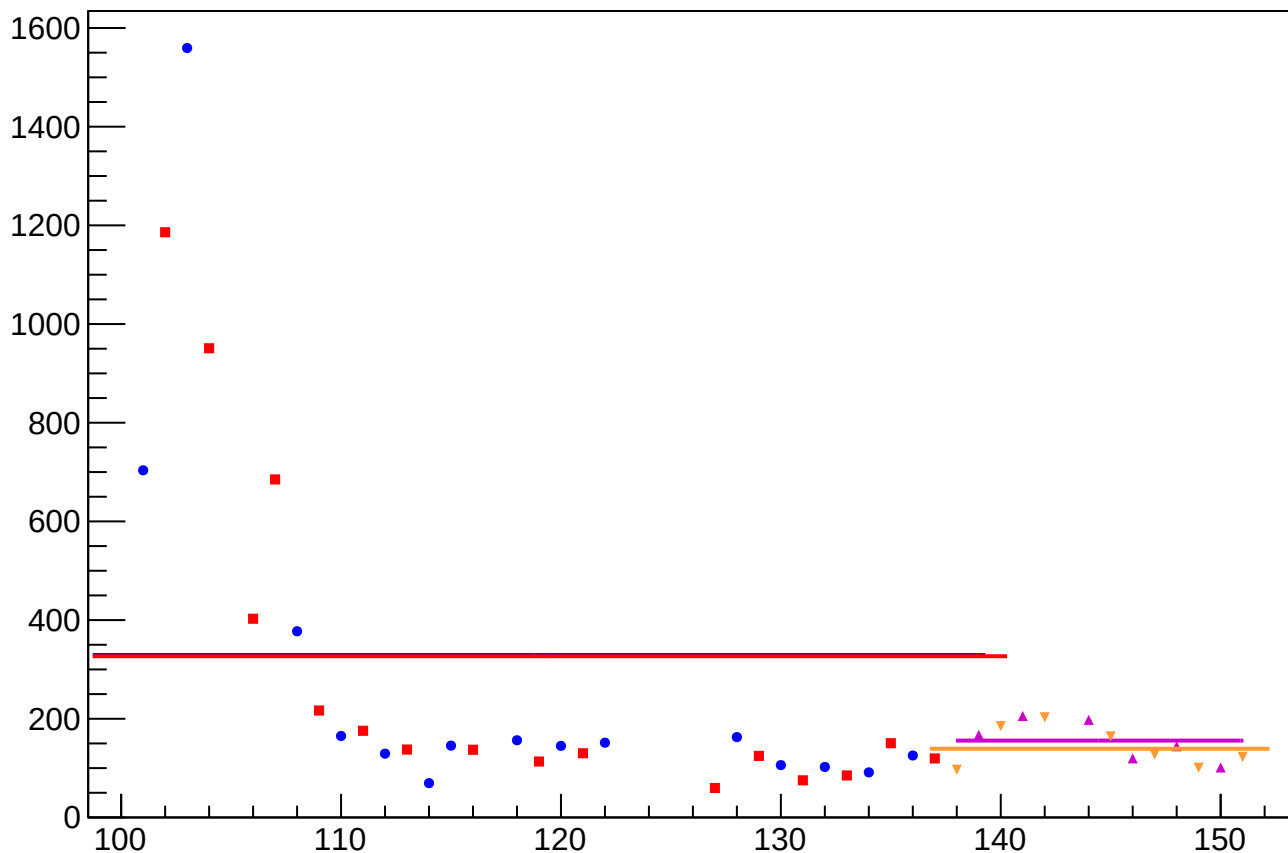
- sign 1070.670+/-0.000 χ^2/NDF : 11739965107825

dit_usl_coil6_mean vs Slug



Right In: -697.283 ± 0.000 $\chi^2/\text{NDF}: 490435790698133828475769692944364208128.0/14$
 Left Out: -976.428 ± 0.000 $\chi^2/\text{NDF}: 29028820358237339190711340302432468992.0/6$
 Right Out: -853.734 ± 0.000 $\chi^2/\text{NDF}: 1078379020126412317155932275156201766912.0/15$
 Left In: -1085.363 ± 0.000 $\chi^2/\text{NDF}: 18951080002291580199543696382419271680.0/5$

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 139.266+/-0.000 χ^2/NDF : 704700469444769049436502250542333952.0/6

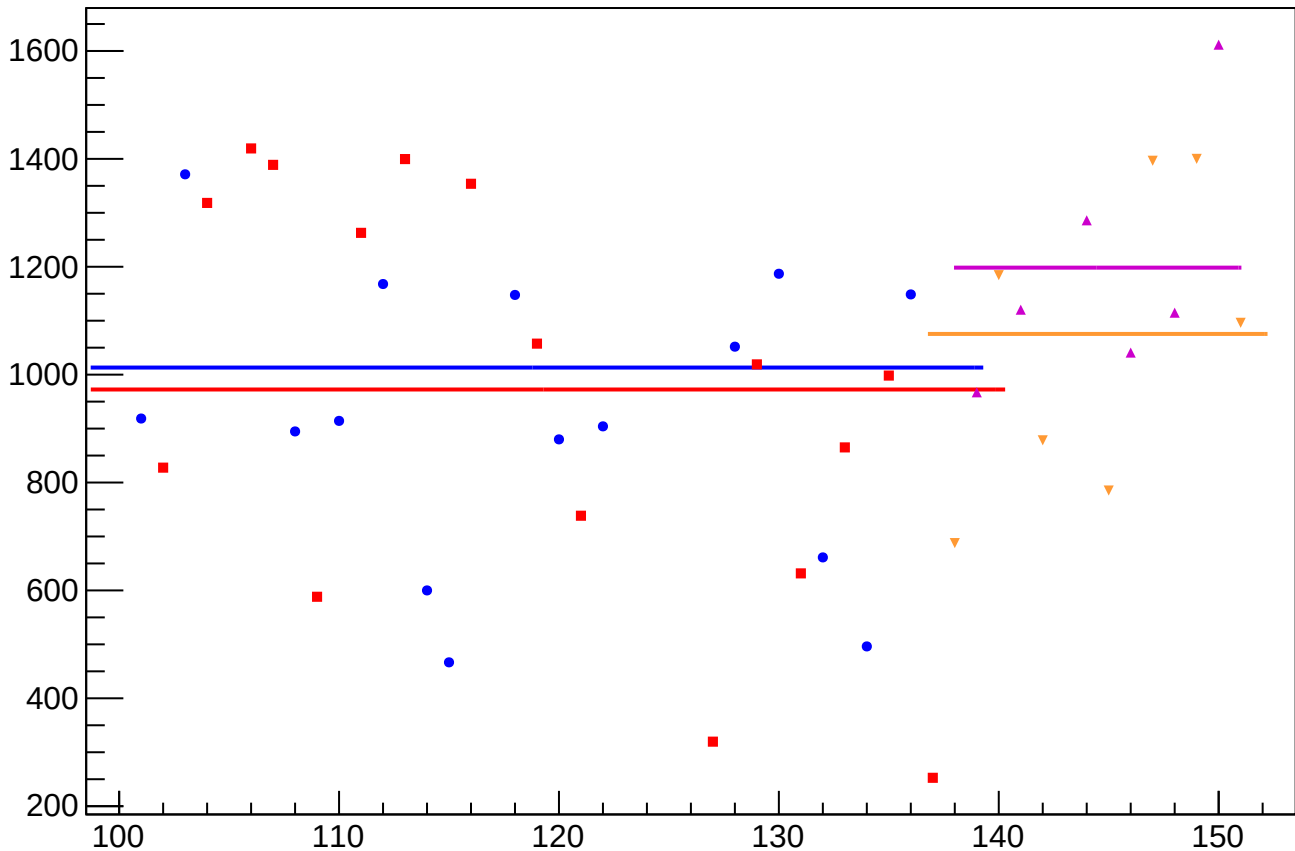
Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

Left In: 155.797+/-0.000 χ^2/NDF : 768321039025348649469390703801925632.0/5

All: 248.269+/-0.000 χ^2/NDF : 224885978406

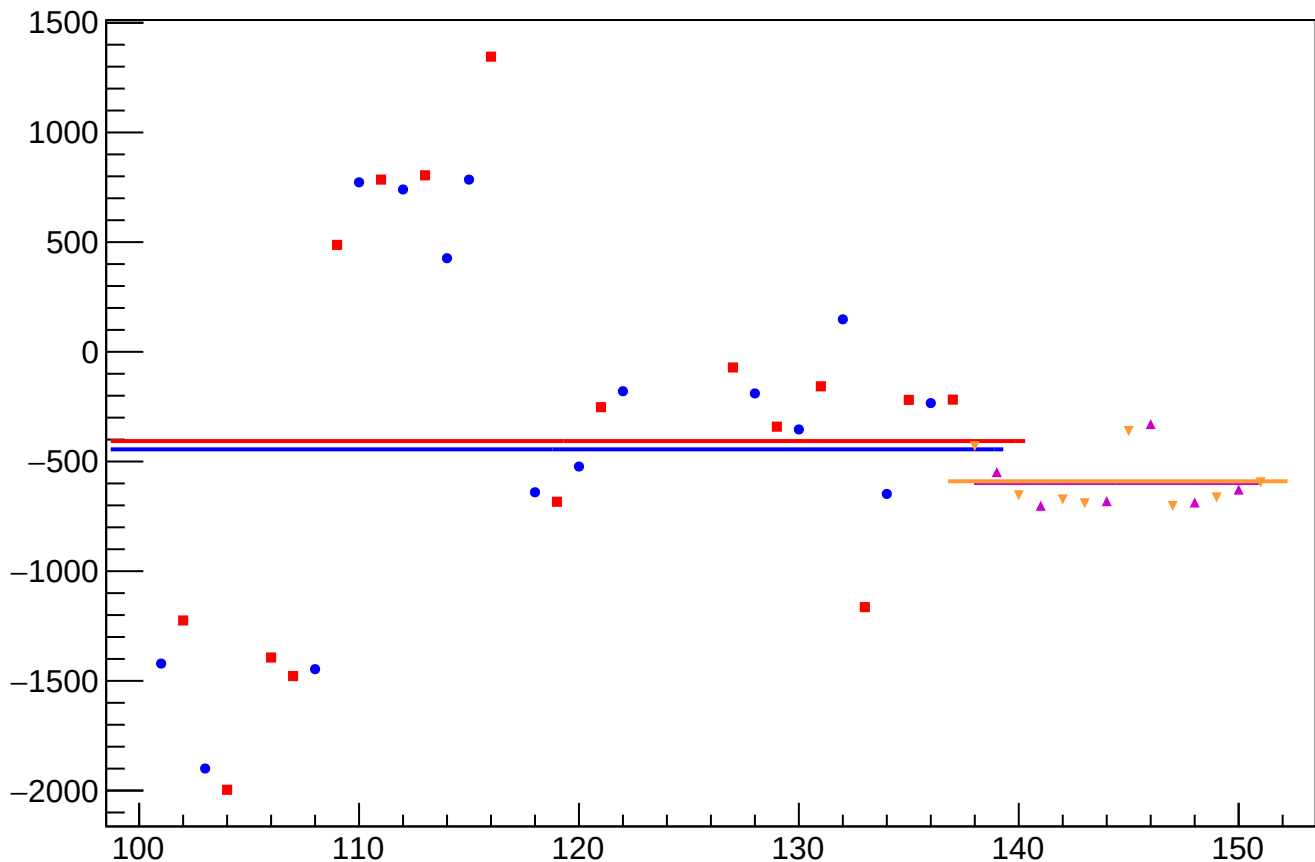
- sign 252.398+/-0.000 χ^2/NDF : 968064501540967

dit_usl_coil6_Ndata_mean vs Slug



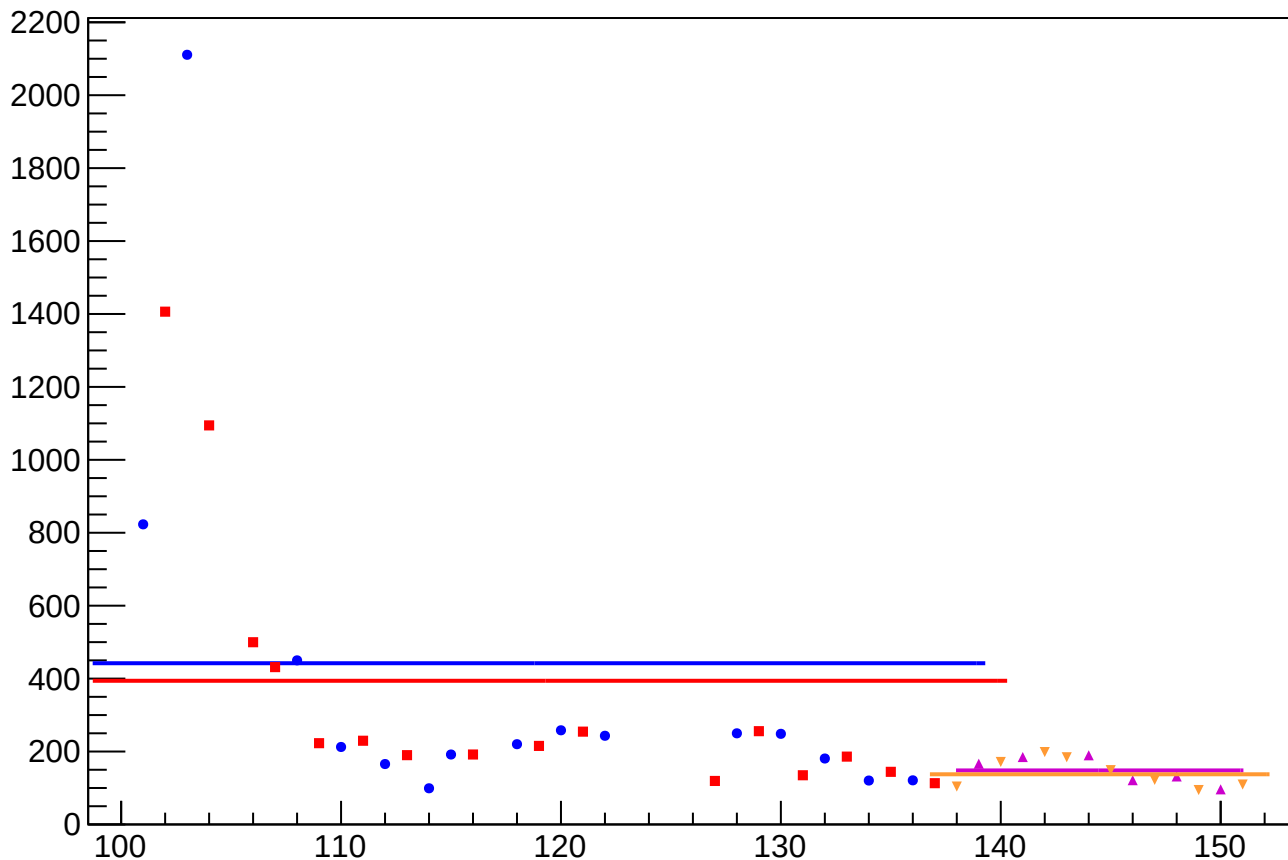
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1041.043+/-0.000	χ^2/NDF : 71083846084226
Left Out: 1075.462+/-0.000	χ^2/NDF : 38234375135898119248572356990521573376.0/6	All: 1055.888+/-0.000	χ^2/NDF : 18900030293
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1070.670+/-0.000	χ^2/NDF : 11739965107825
Left In: 1198.357+/-0.000	χ^2/NDF : 23718566756946360471966267132453322752.0/5		

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -590.173+/-0.000 χ^2/NDF : 9017625263648501075204475005538664448.0/7
 Right Out: -406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15
 Left In: -597.994+/-0.000 χ^2/NDF : 8454768247465251865728783334435192832.0/5

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 137.605+/-0.000 χ^2/NDF : 745041943036754544644213823217074176.0/7

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

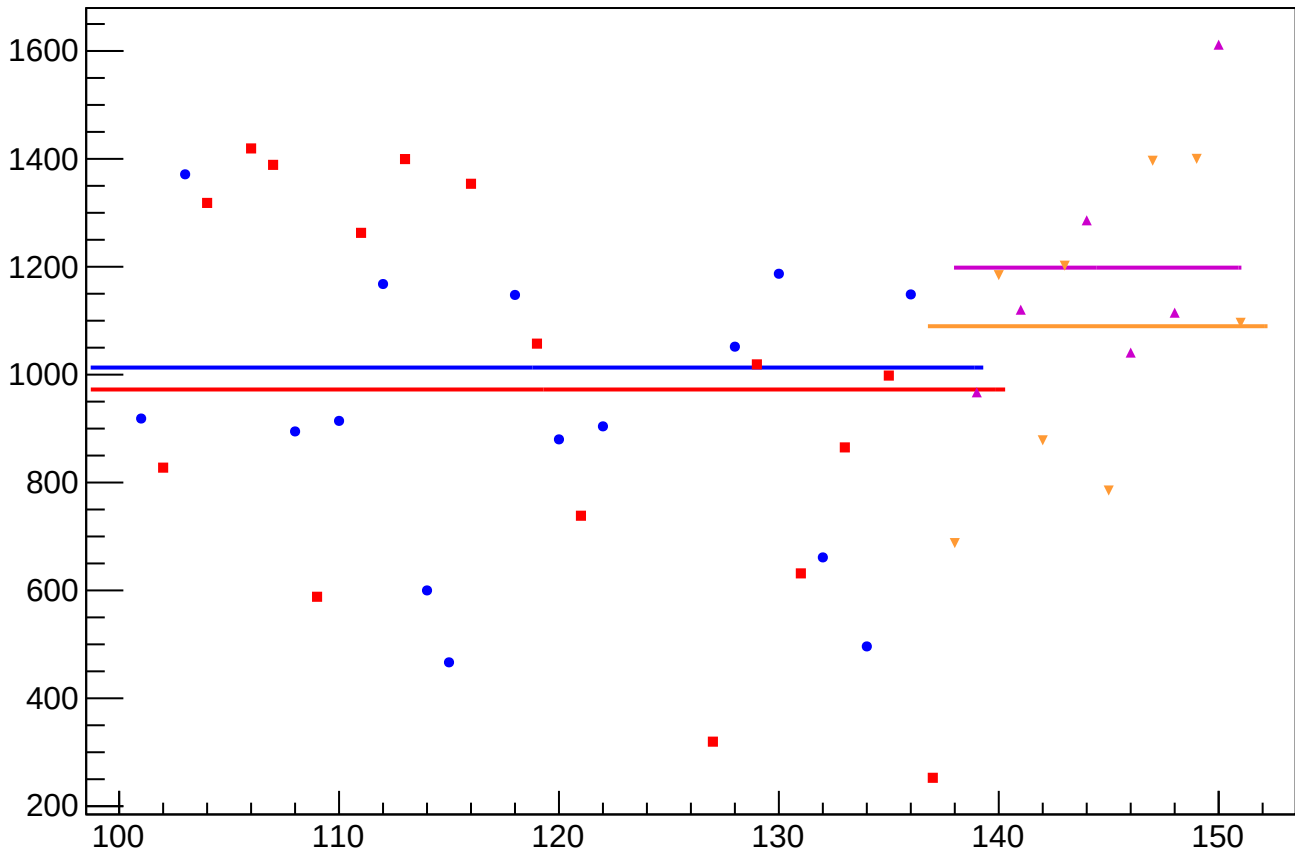
Left In: 148.153+/-0.000 χ^2/NDF : 622674909653334221892811482283900928.0/5

+ sign 296.749+/-0.000 χ^2/NDF : 233502986944012

All: 292.067+/-0.000 χ^2/NDF : 357595223677

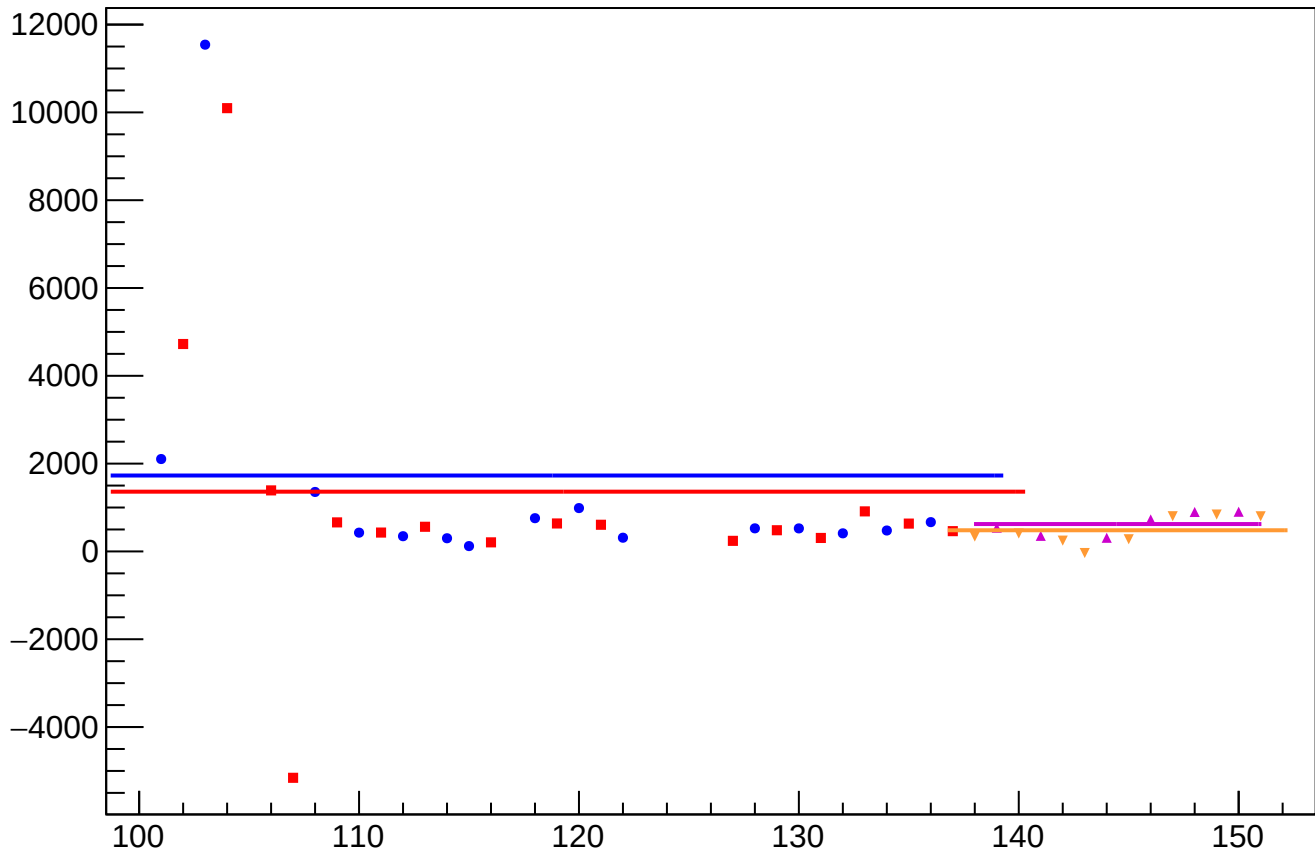
- sign 287.138+/-0.000 χ^2/NDF : 124036339723927

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000	χ^2 /NDF: 31721270909522099205936100724856324096.0/14	+ sign 1049.725 $\pm$ 0.000	χ^2 /NDF: 72725693052898
Left Out: 1089.757 $\pm$ 0.000	χ^2 /NDF: 39185736443320245411683779286881271808.0/7	All: 1059.929 $\pm$ 0.000	χ^2 /NDF: 19039081647
Right Out: 972.465 $\pm$ 0.000	χ^2 /NDF: 78884457200782655962756069915468234752.0/15	- sign 1070.670 $\pm$ 0.000	χ^2 /NDF: 11739965107825
Left In: 1198.357 $\pm$ 0.000	χ^2 /NDF: 23718566756946360471966267132453322752.0/5		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 481.970+/-0.000 χ^2/NDF : 52545249546165723378857466741192130560.0/7
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 623.643+/-0.000 χ^2/NDF : 29812003900519261973633475141930319872.0/5

dit_atl1_coil6_err_mean vs Slug



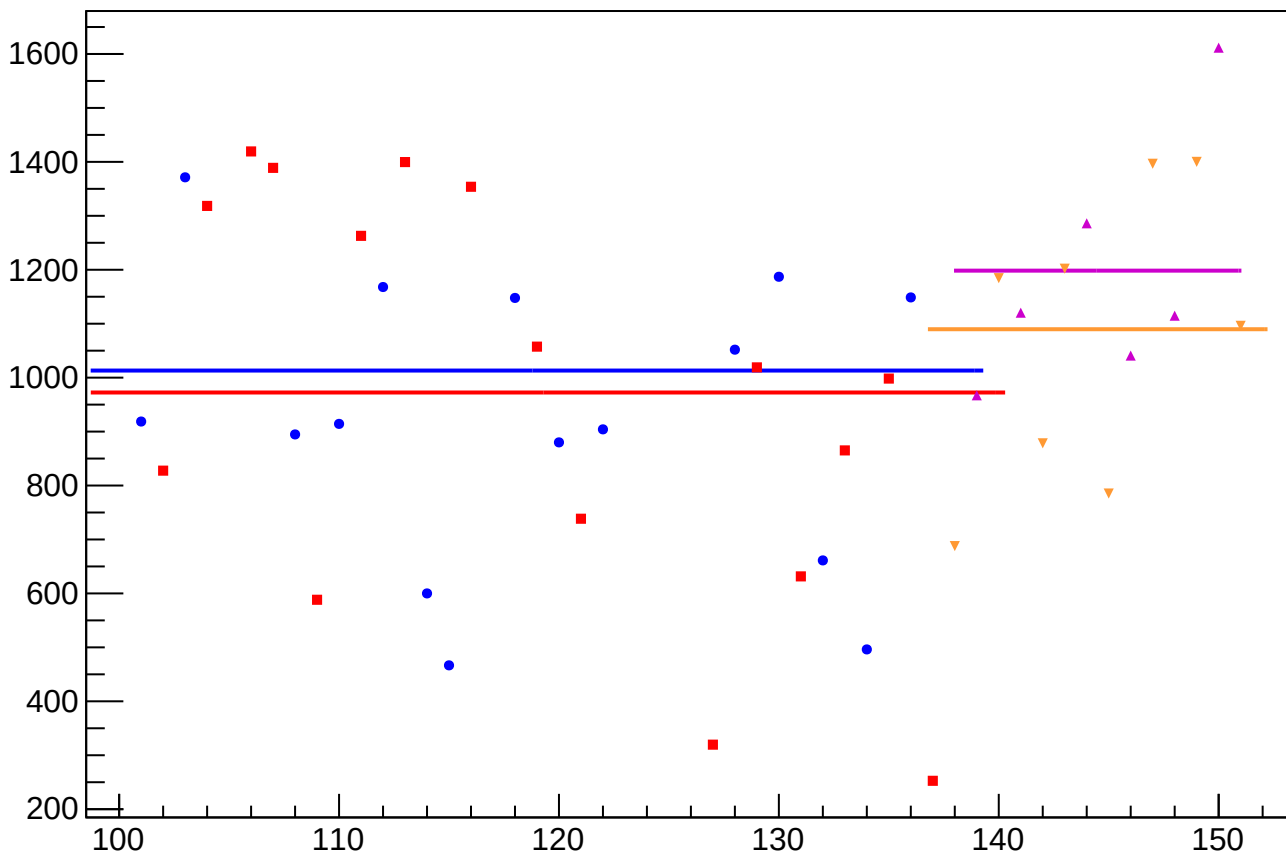
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 135.959+/-0.000 χ^2/NDF : 786419213876207937235570944387317760.0/7

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: 148.511+/-0.000 χ^2/NDF : 750909587109405335077744233750200320.0/5

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1089.757 $\pm$ 0.000 χ^2 /NDF: 39185736443320245411683779286881271808.0/7

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

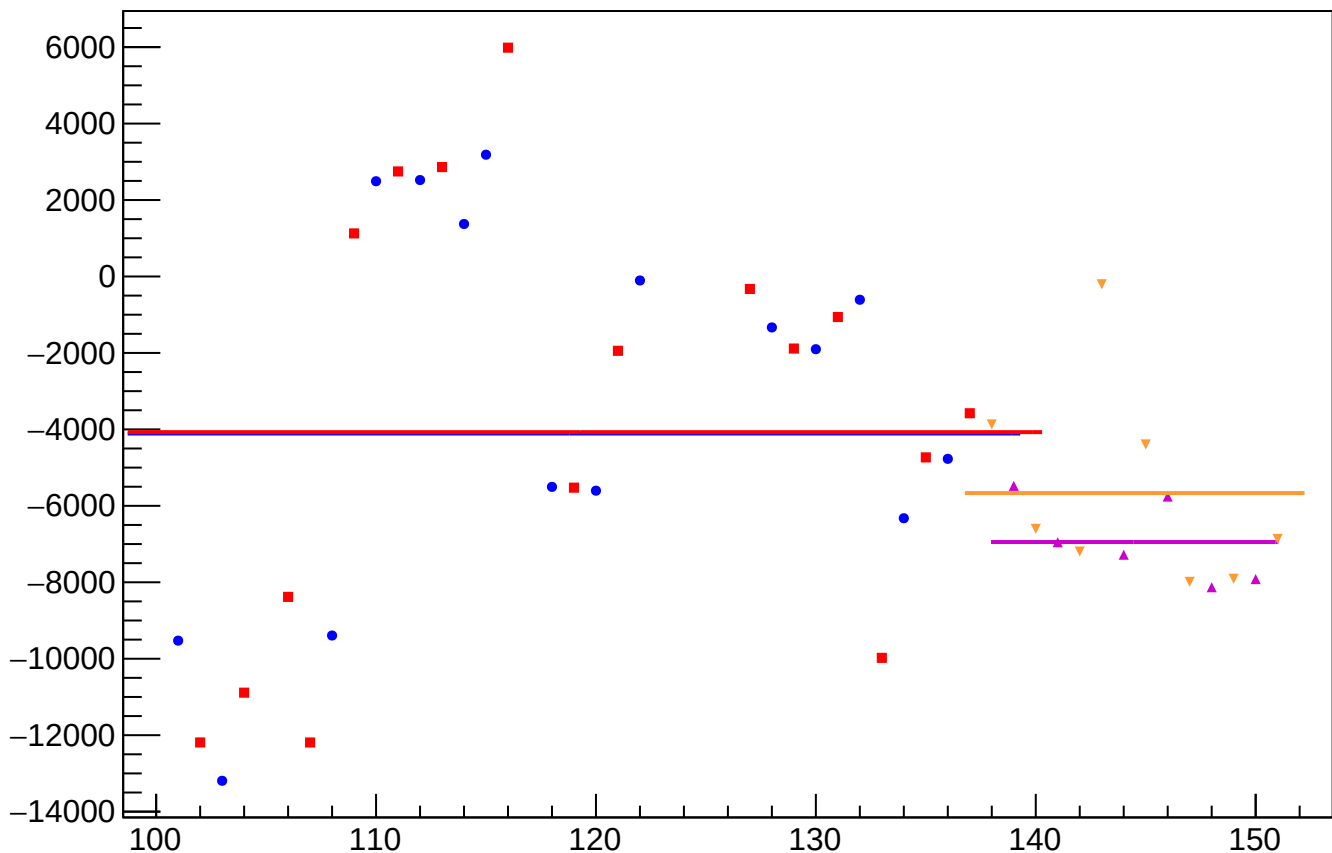
Left In: 1198.357 $\pm$ 0.000 χ^2 /NDF: 23718566756946360471966267132453322752.0/5

+ sign 1049.725 $\pm$ 0.000 χ^2 /NDF: 72725693052898

All: 1059.929 $\pm$ 0.000 χ^2 /NDF: 19039081647

- sign 1070.670 $\pm$ 0.000 χ^2 /NDF: 11739965107825

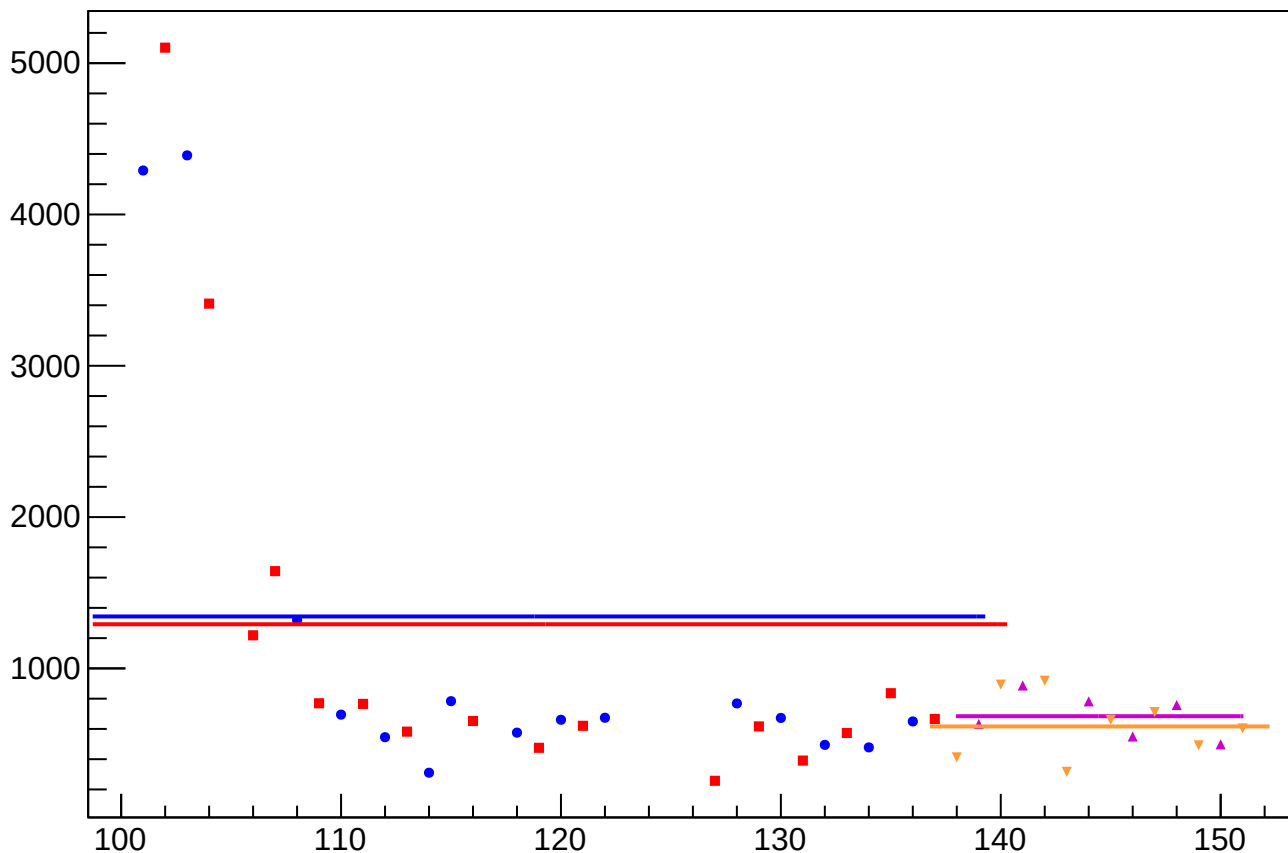
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -5665.815+/-0.000	χ^2/NDF : 3514798554230226720924001595196472033280.0/7
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6946.368+/-0.000	χ^2/NDF : 505289334007009405071477873750317203456.0/5

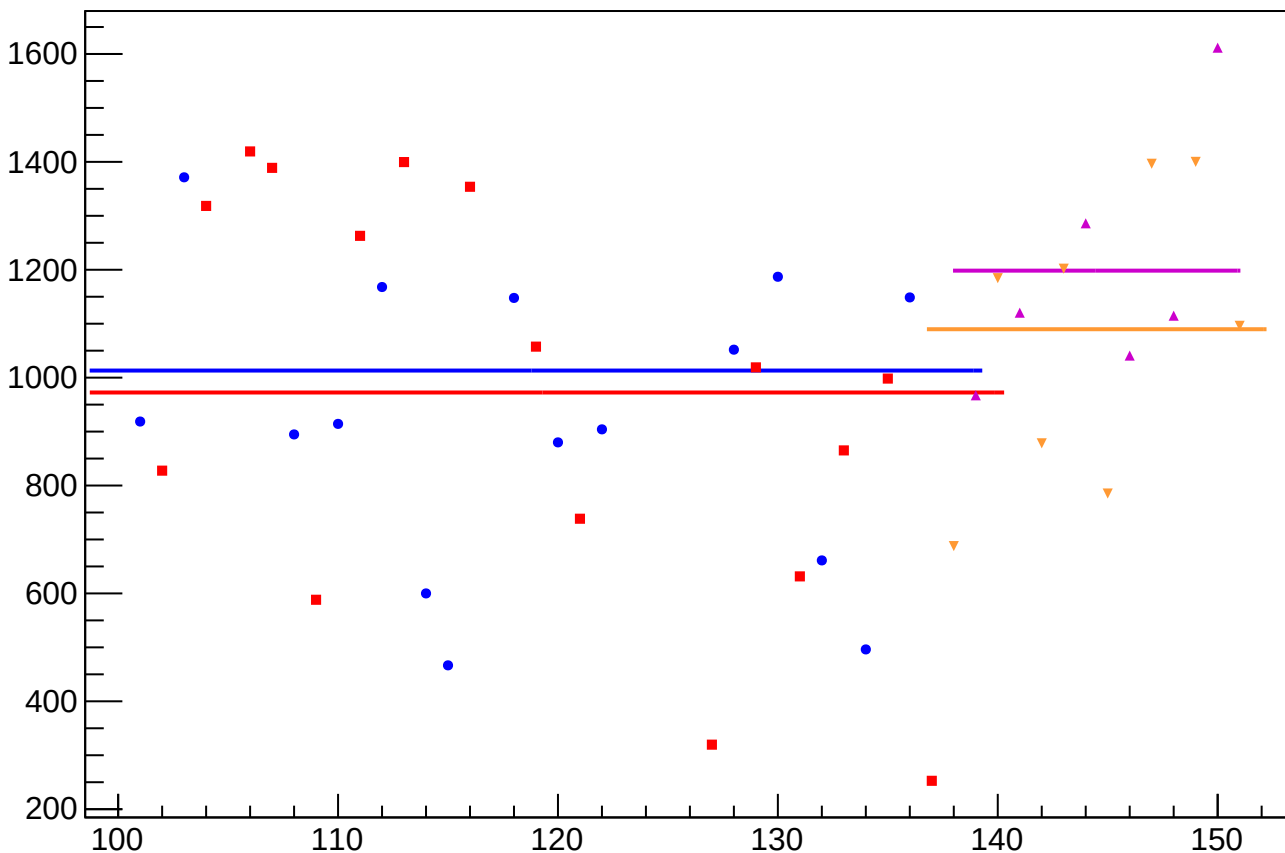
+ sign -4851.497+/-0.000 χ^2/NDF : 1879475849780
 All: -5080.574+/-0.000 χ^2/NDF : 4219656931
 - sign -5321.687+/-0.000 χ^2/NDF : 23268035357090

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 616.337+/-0.000 χ^2/NDF : 21932237990734053987665235254496460800.0/7
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 684.063+/-0.000 χ^2/NDF : 9662640389913892301700076906525753344.0/5

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

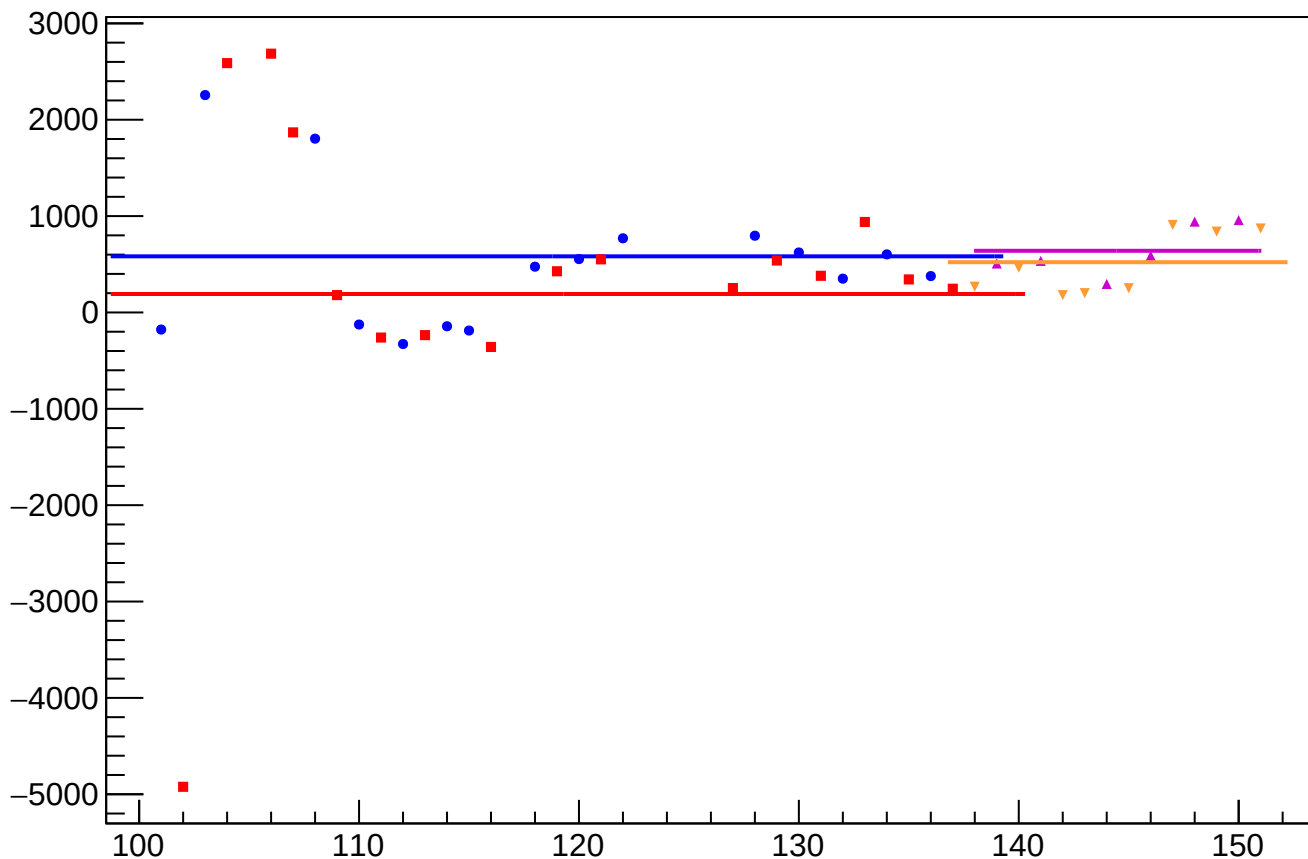
Left In: 1198.357+/-0.000 χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725+/-0.000 χ^2/NDF : 72725693052898

All: 1059.929+/-0.000 χ^2/NDF : 19039081647

- sign 1070.670+/-0.000 χ^2/NDF : 11739965107825

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 521.622+/-0.000 χ^2/NDF : 53081873387771516754362966360750817280.0/7

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 639.924+/-0.000 χ^2/NDF : 30040025339896323265974877264021553152.0/5

+ sign 553.376+/-0.000 χ^2/NDF : 393022706627118

All: 472.074+/-0.000 χ^2/NDF : 266696224609

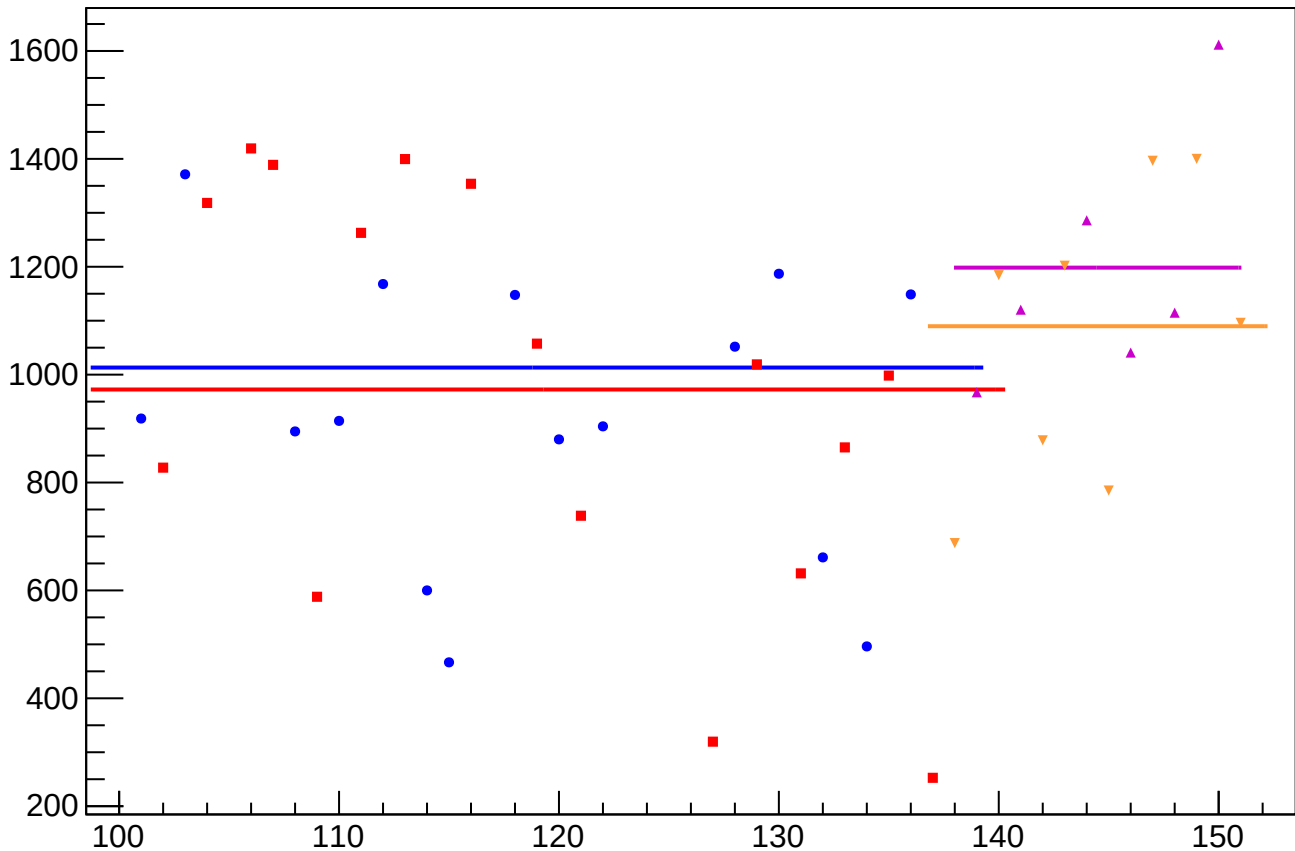
- sign 386.500+/-0.000 χ^2/NDF : 225708891697613

dit_atr1_coil6_err_mean vs Slug



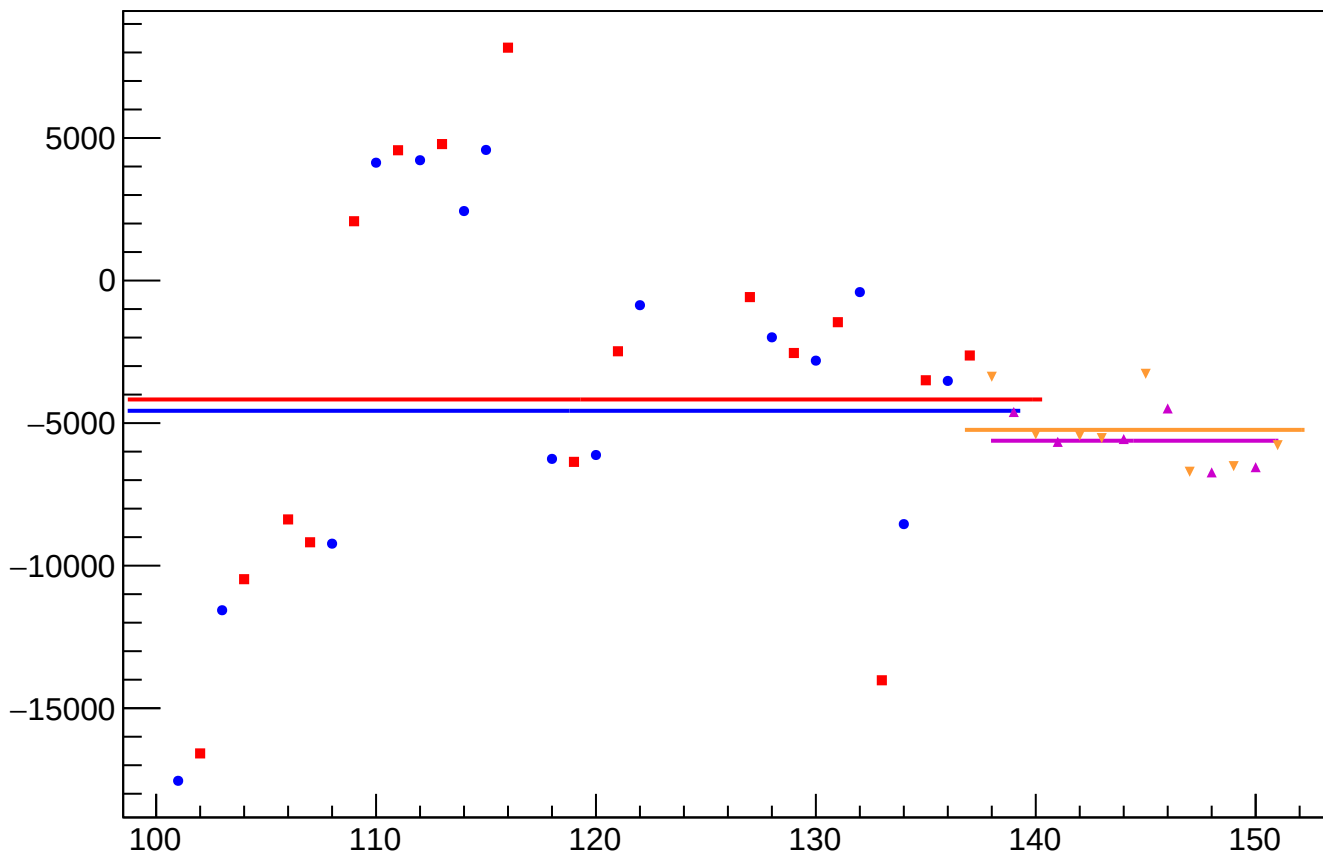
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Left Out: 149.434+/-0.000 χ^2/NDF : 539318120983453721509391467085299712.0/7
 Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Left In: 161.726+/-0.000 χ^2/NDF : 446105917053267514791215220710703104.0/5

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1049.725 $\pm$ 0.000	χ^2/NDF : 72725693052898
Left Out: 1089.757 $\pm$ 0.000	χ^2/NDF : 39185736443320245411683779286881271808.0/7	All: 1059.929 $\pm$ 0.000	χ^2/NDF : 19039081647
Right Out: 972.465 $\pm$ 0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1070.670 $\pm$ 0.000	χ^2/NDF : 11739965107825
Left In: 1198.357 $\pm$ 0.000	χ^2/NDF : 23718566756946360471966267132453322752.0/5		

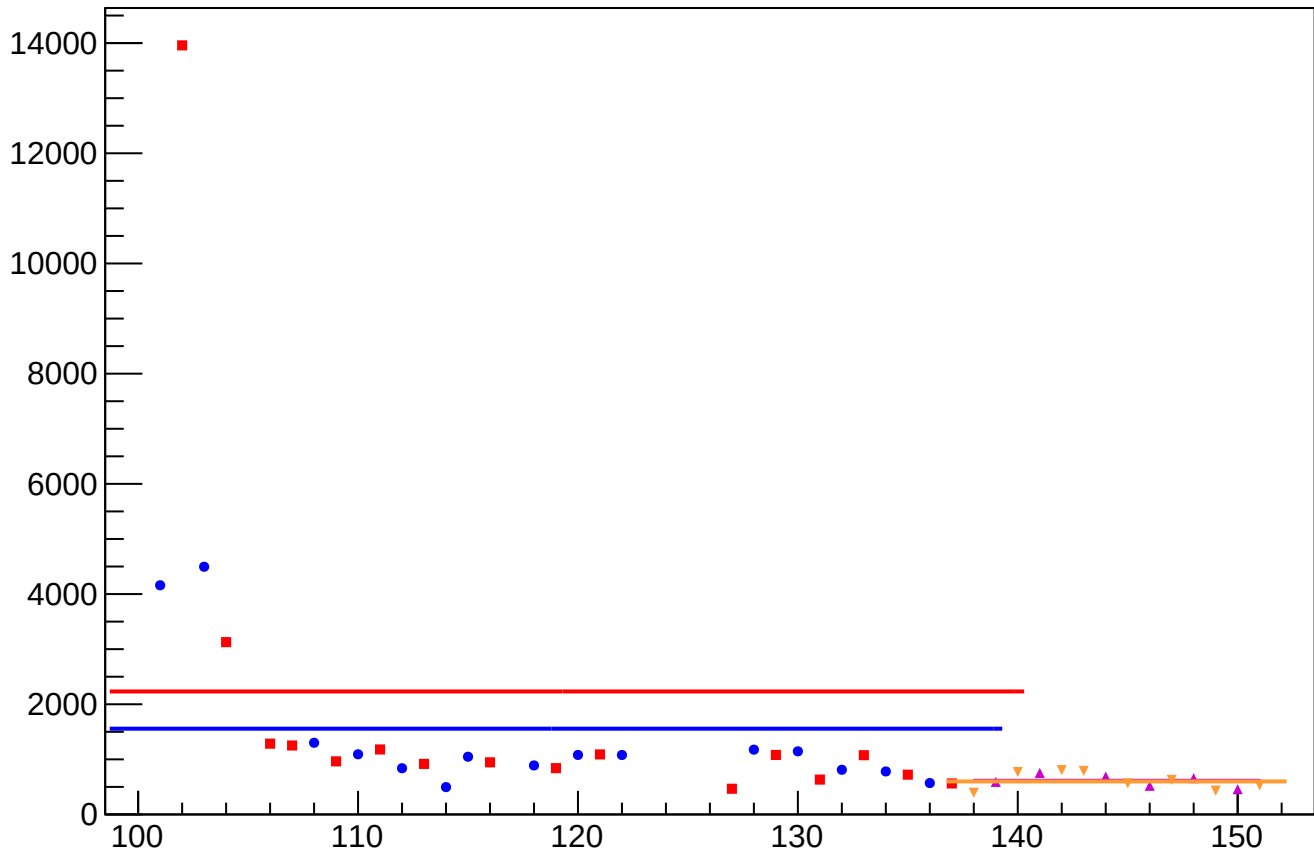
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5237.052+/-0.000	χ^2/NDF : 920078464296159538360938363232913981440.0/7
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5618.188+/-0.000	χ^2/NDF : 370914403083943271371271442498829942784.0/5

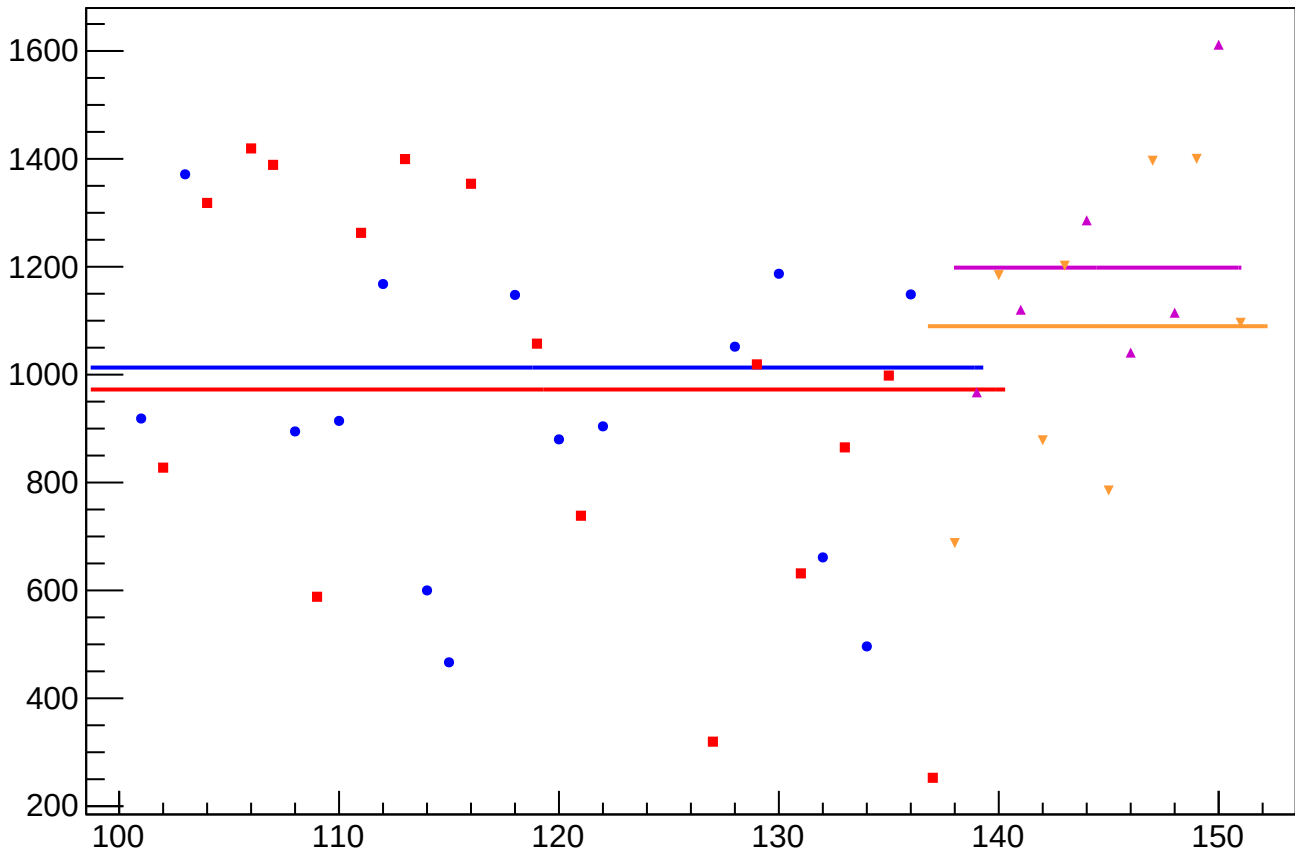
+ sign -4887.598+/-0.000 χ^2/NDF : 2525371450727
 All: -4844.935+/-0.000 χ^2/NDF : 5720401977
 - sign -4800.030+/-0.000 χ^2/NDF : 31945665284586

dit_atr2_coil6_err_mean vs Slug



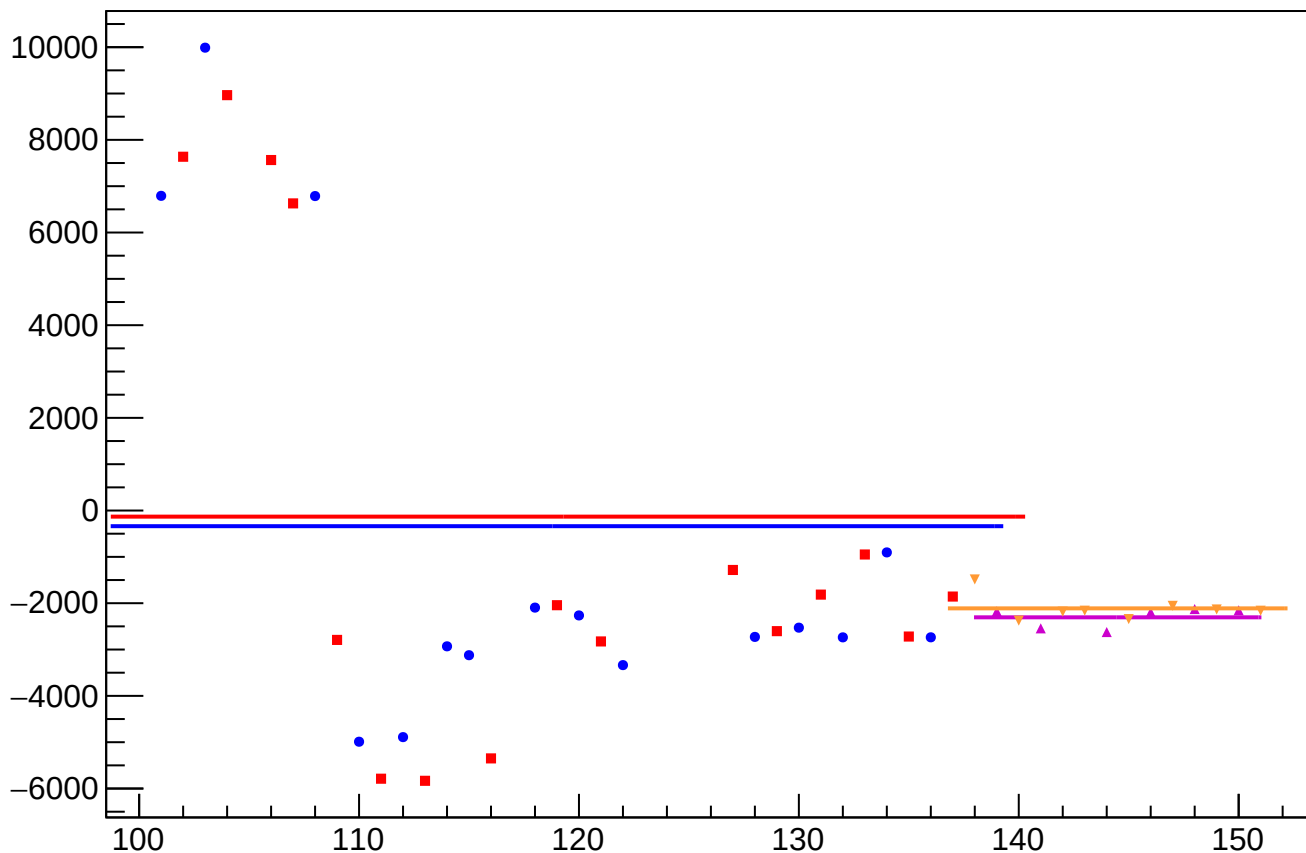
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 599.519+/-0.000 χ^2/NDF : 12944072563962553817944170209759723520.0/7
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 611.174+/-0.000 χ^2/NDF : 5307333589730993390252045484200820736.0/5

dit_atr2_coil6_Ndata_mean vs Slug



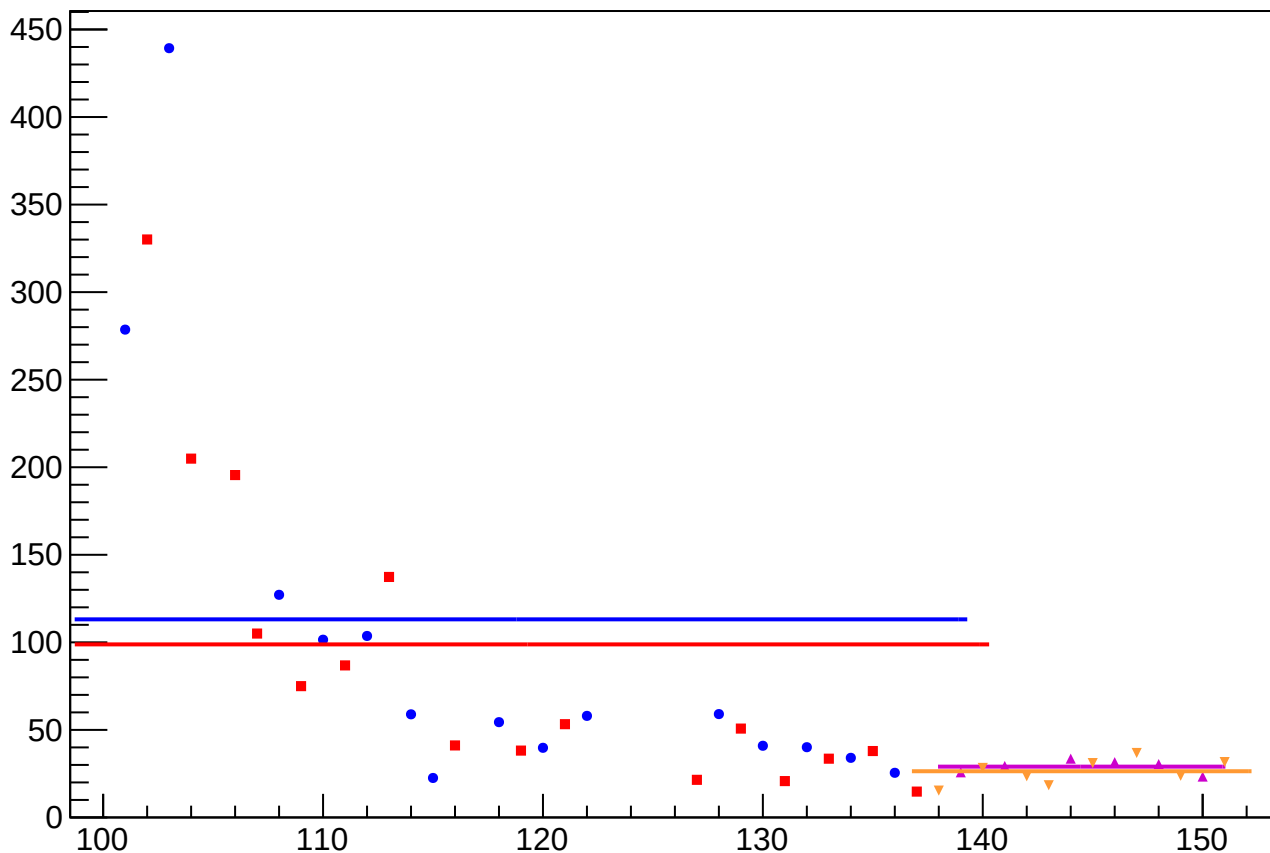
Right In: 1013.146 $\pm$ 0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1049.725 $\pm$ 0.000	χ^2/NDF : 72725693052898
Left Out: 1089.757 $\pm$ 0.000	χ^2/NDF : 39185736443320245411683779286881271808.0/7	All: 1059.929 $\pm$ 0.000	χ^2/NDF : 19039081647
Right Out: 972.465 $\pm$ 0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1070.670 $\pm$ 0.000	χ^2/NDF : 11739965107825
Left In: 1198.357 $\pm$ 0.000	χ^2/NDF : 23718566756946360471966267132453322752.0/5		

dit_sam1_coil6_mean vs Slug



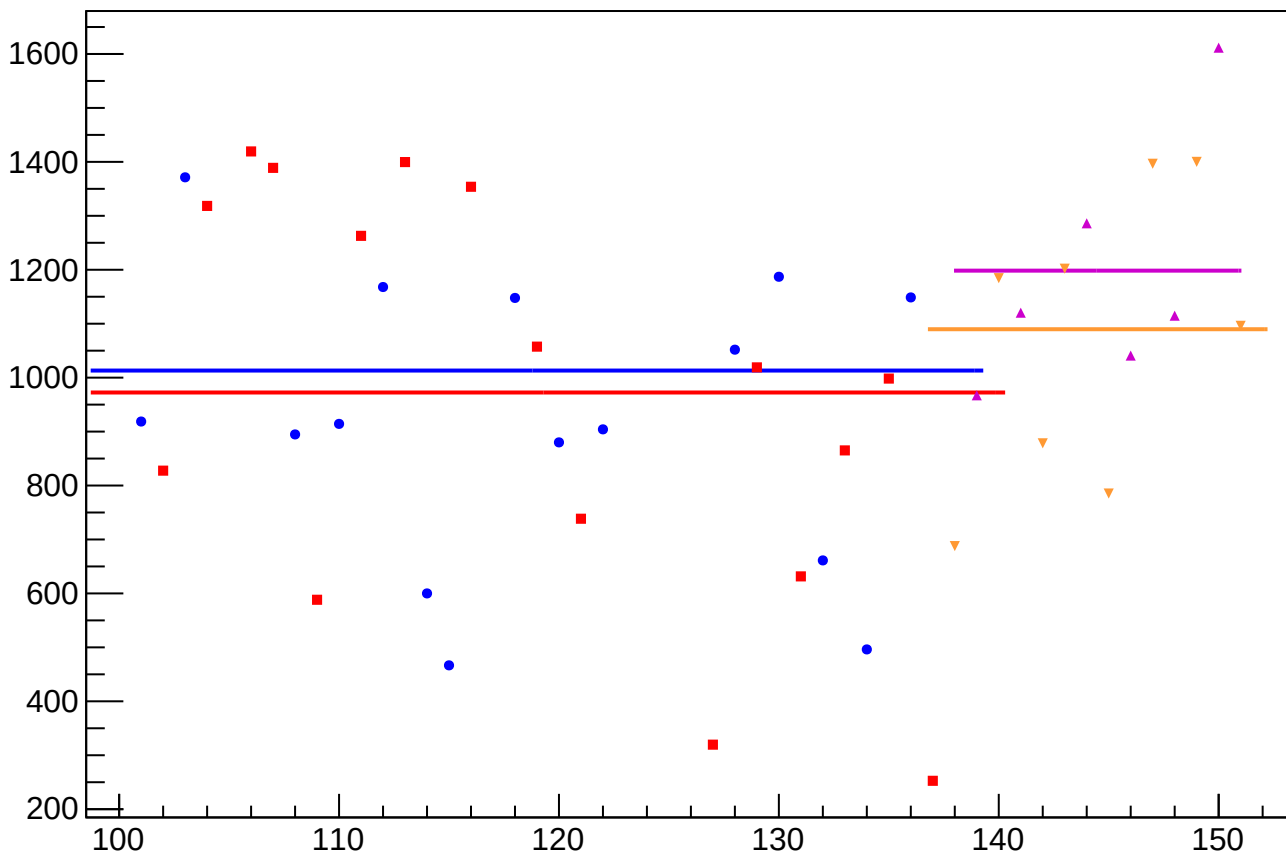
Right In: -337.865 ± 0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2111.509 ± 0.000 χ^2/NDF : 41319028590818077138363369161138110464.0/7
 Right Out: -131.545 ± 0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: -2304.941 ± 0.000 χ^2/NDF : 20910759640069600189181433692892954624.0/5

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 26.394 $\pm$ 0.000 χ^2 /NDF: 27424393501085363399602084281057280.0/7
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 29.017 $\pm$ 0.000 χ^2 /NDF: 6362839980203956579724584684617728.0/5
 All: 70.142 $\pm$ 0.000 χ^2 /NDF: 1928494042469
 + sign 71.719 $\pm$ 0.000 χ^2 /NDF: 1234845195268154
 - sign 68.481 $\pm$ 0.000 χ^2 /NDF: 6930143122189473

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1089.757+/-0.000

Right Out: 972.465+/-0.000

Left In: 1198.357+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 39185736443320245411683779286881271808.0/7

χ^2/NDF : 78884457200782655962756069915468234752.0/15

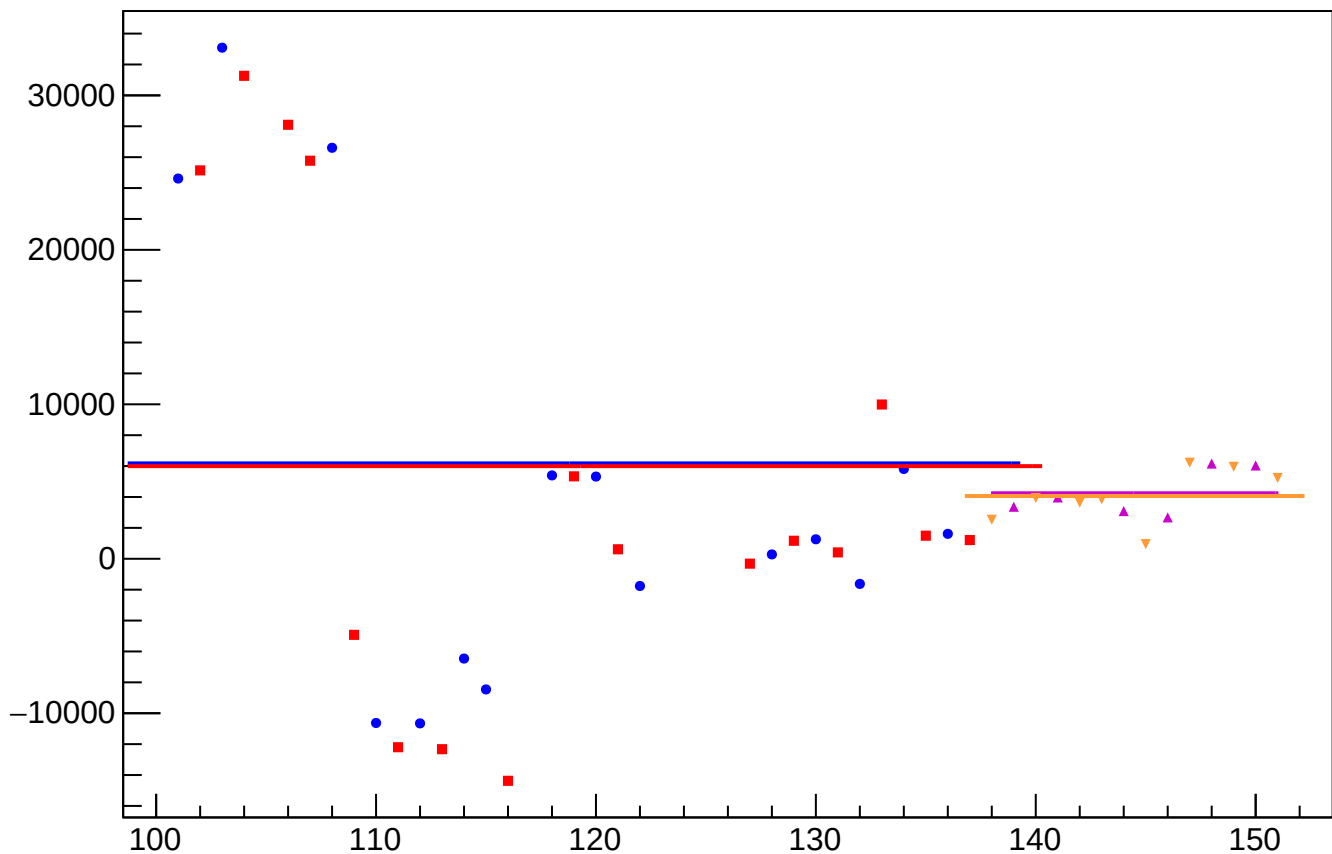
χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725+/-0.000 χ^2/NDF : 72725693052898

All: 1059.929+/-0.000 χ^2/NDF : 19039081647

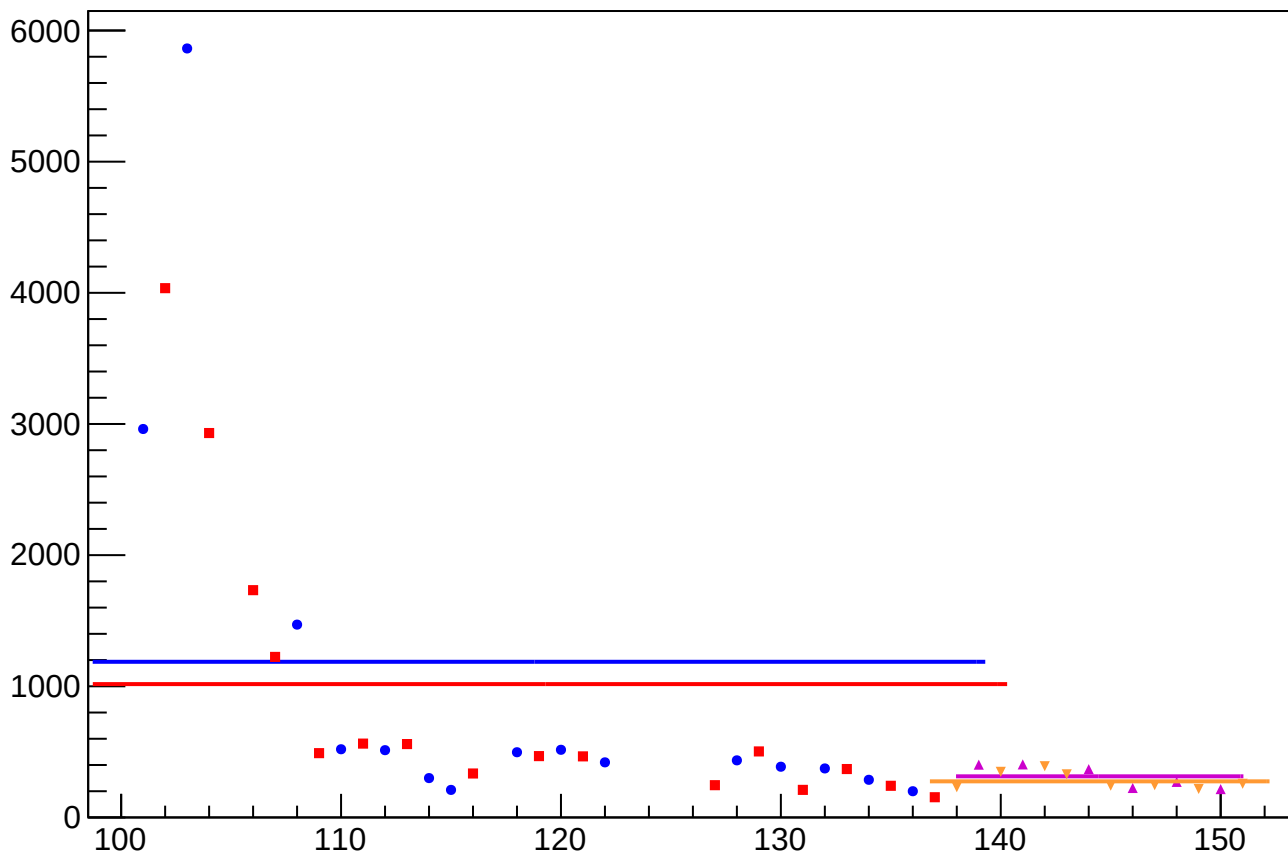
- sign 1070.670+/-0.000 χ^2/NDF : 11739965107825

dit_sam2_coil6_mean vs Slug



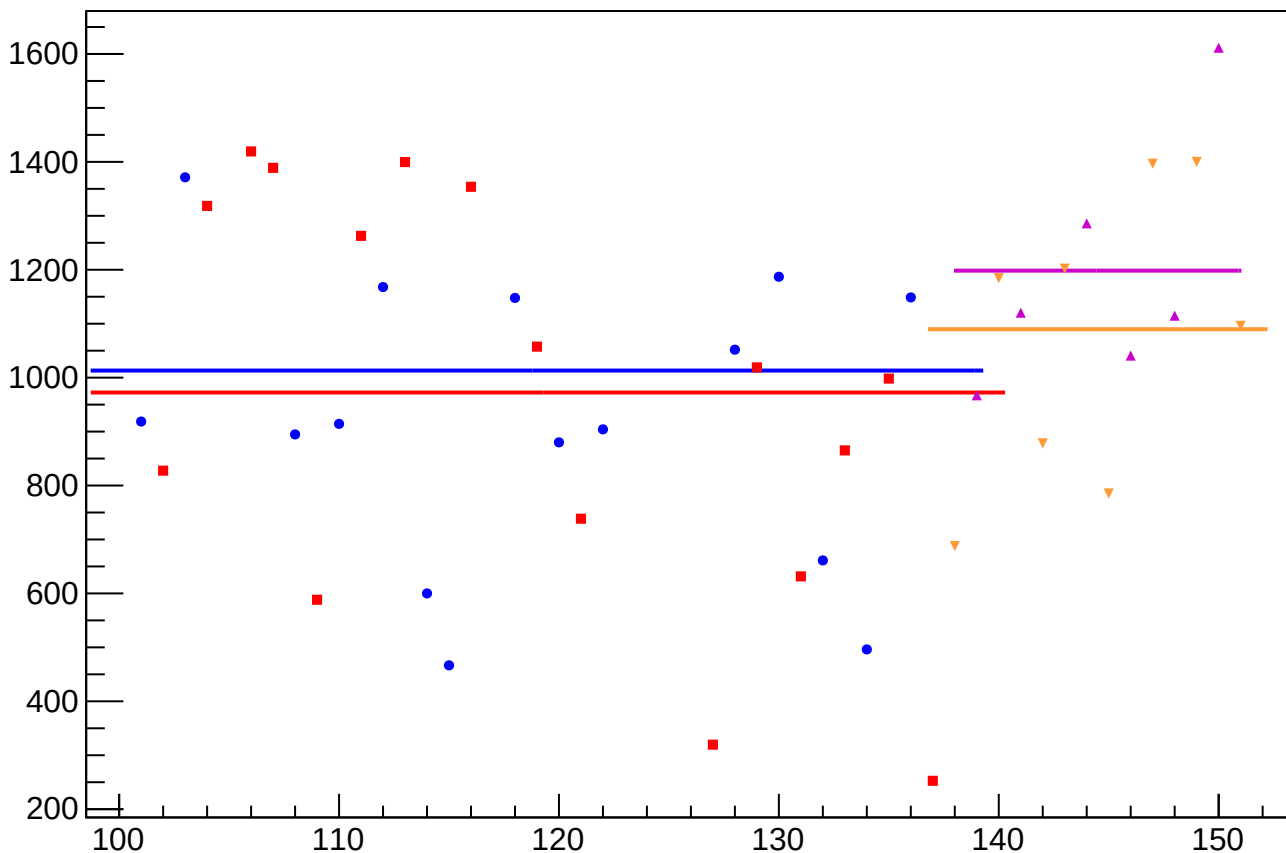
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4063.053+/-0.000 χ^2/NDF : 1751689800926680281400934529032897167360.0/7
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4240.227+/-0.000 χ^2/NDF : 993815709864371686606972870868974174208.0/5

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 275.350+/-0.000 χ^2/NDF : 1857166411539565770679742708035092480.0/7
 Right Out: 1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 313.641+/-0.000 χ^2/NDF : 3280497770594092138218852928152666112.0/5
 All: 731.876+/-0.000 χ^2/NDF : 313103558996
 + sign 751.647+/-0.000 χ^2/NDF : 205576696677528
 - sign 711.066+/-0.000 χ^2/NDF : 107427211901131

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

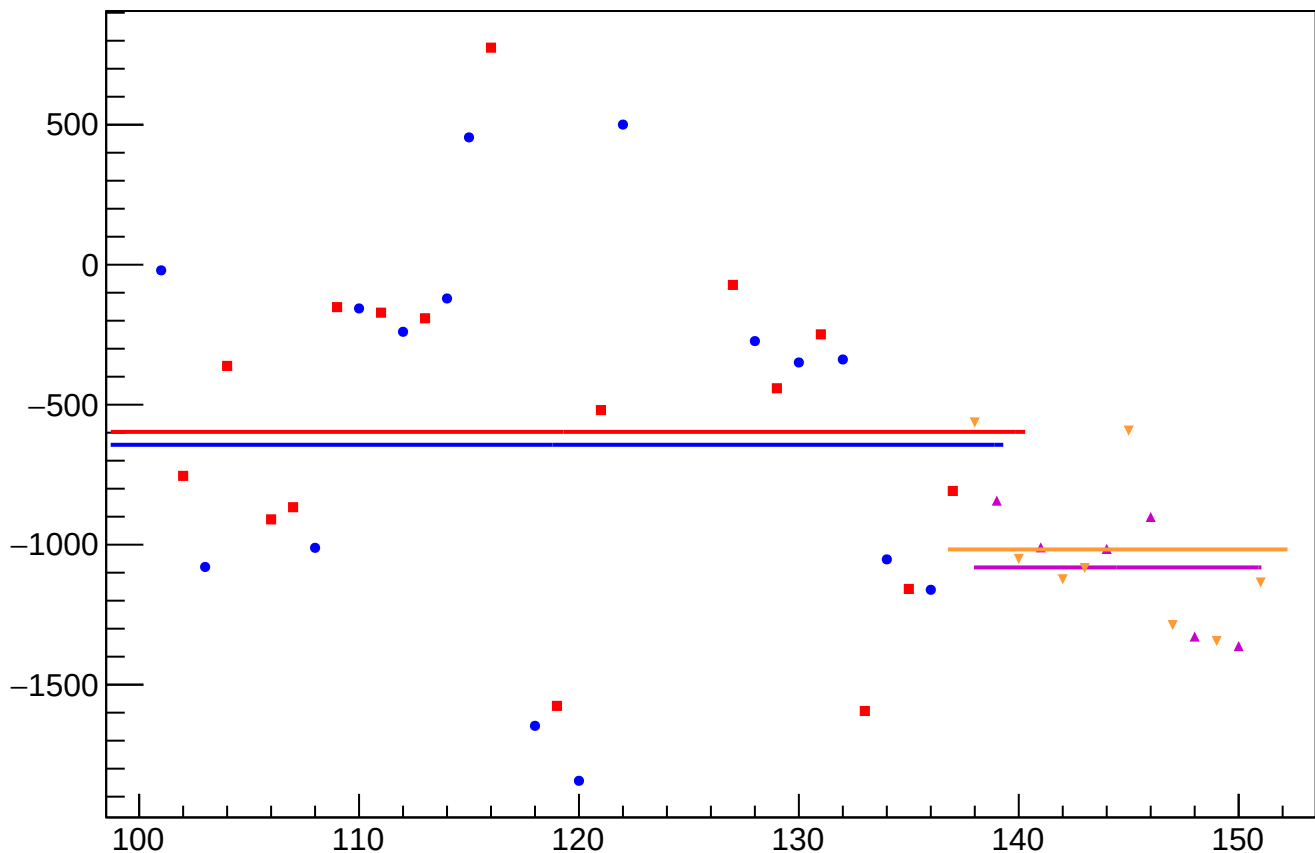
Left In: 1198.357+/-0.000 χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725+/-0.000 χ^2/NDF : 72725693052898

All: 1059.929+/-0.000 χ^2/NDF : 19039081647

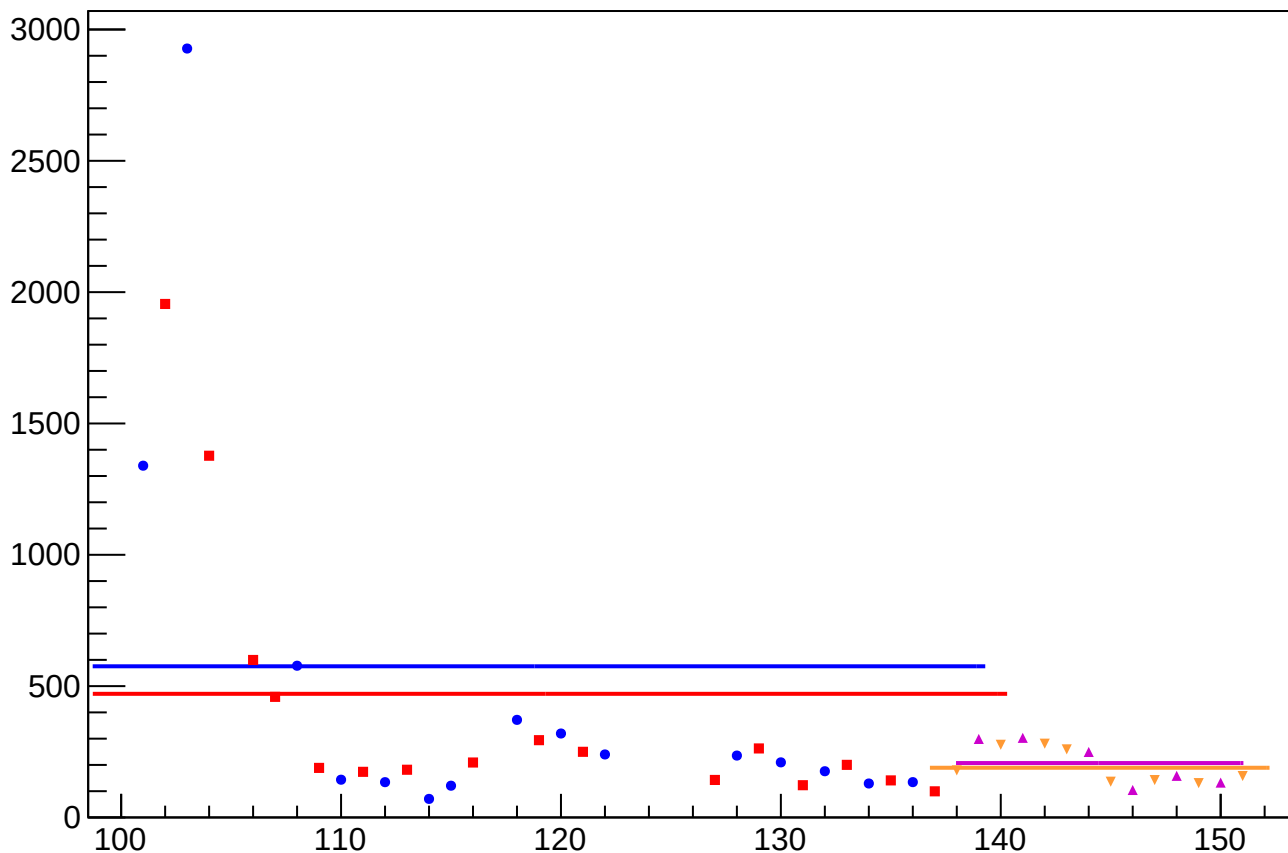
- sign 1070.670+/-0.000 χ^2/NDF : 11739965107825

dit_sam3_coil6_mean vs Slug



Right In: -643.217 ± 0.000 $\chi^2/\text{NDF}: 272726964608206694027285159784925364224.0/14$
 Left Out: -1017.023 ± 0.000 $\chi^2/\text{NDF}: 47309995061044136946252473353782689792.0/7$
 Right Out: -597.043 ± 0.000 $\chi^2/\text{NDF}: 210733370798031449363504004319005376512.0/15$
 Left In: -1081.289 ± 0.000 $\chi^2/\text{NDF}: 20428767108519911678896703196540960768.0/5$

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 189.204+/-0.000 χ^2/NDF : 2113440683466377391803760594013650944.0/7

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

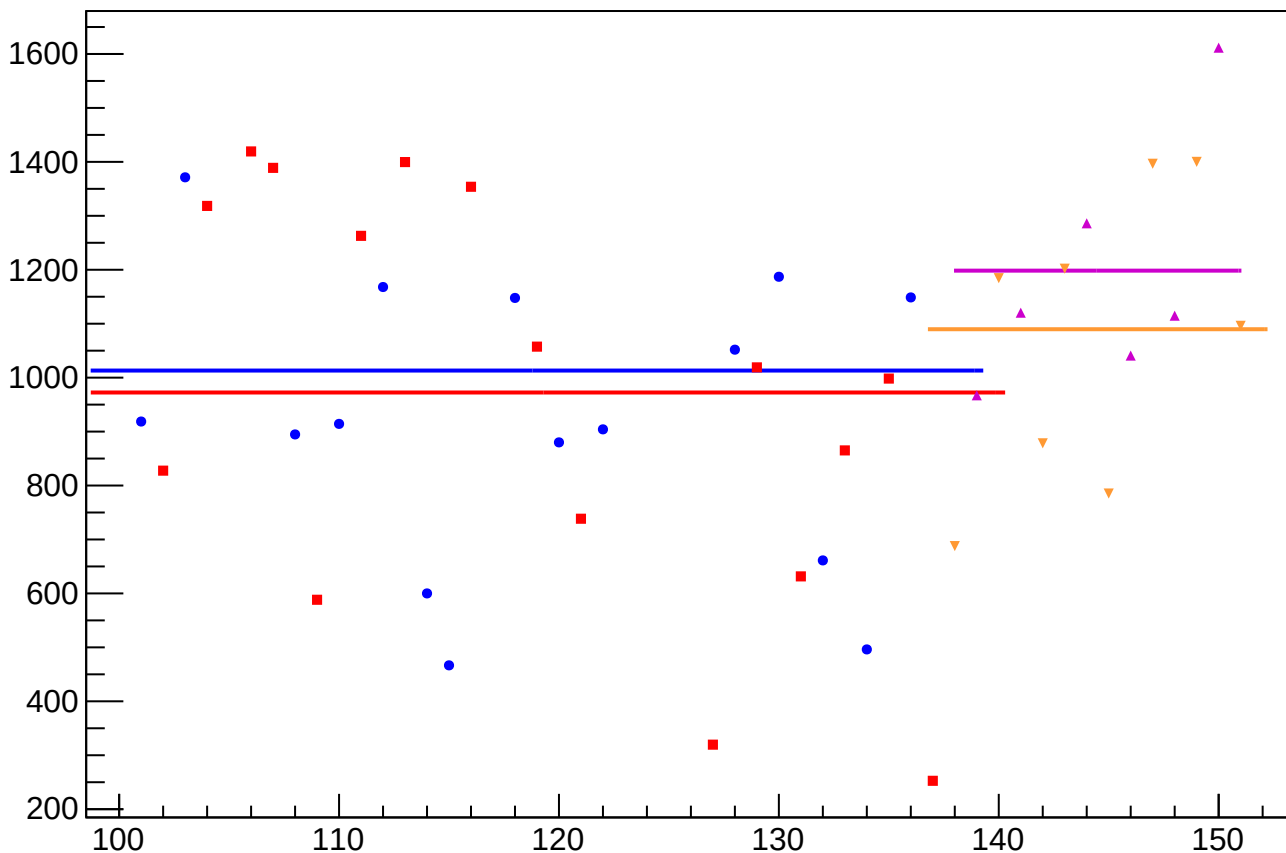
Left In: 207.130+/-0.000 χ^2/NDF : 3201089923925685557727788696464261120.0/5

+ sign 391.075+/-0.000 χ^2/NDF : 481039630121830

All: 374.046+/-0.000 χ^2/NDF : 714437327052

- sign 356.123+/-0.000 χ^2/NDF : 232658495075152

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1089.757 $\pm$ 0.000 χ^2 /NDF: 39185736443320245411683779286881271808.0/7

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

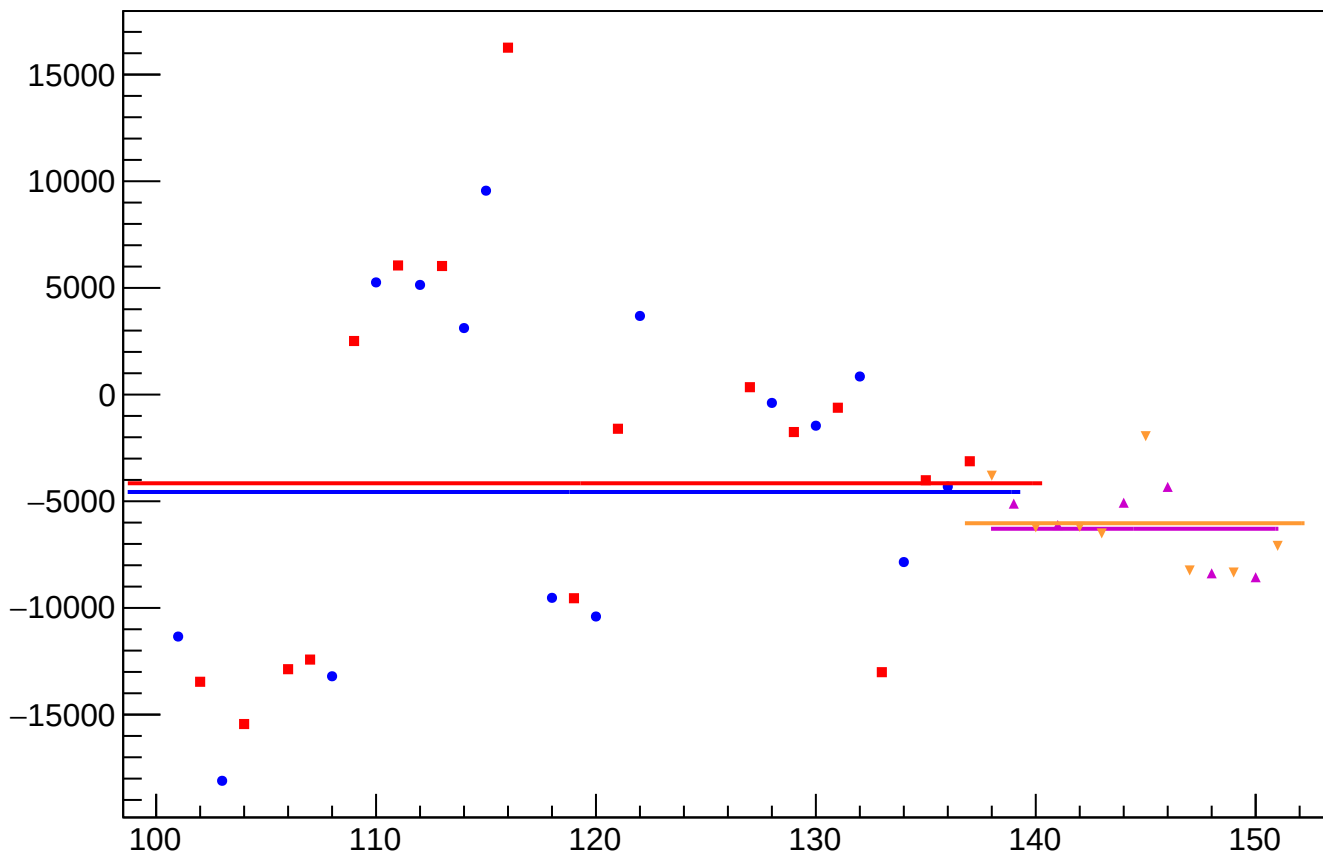
Left In: 1198.357 $\pm$ 0.000 χ^2 /NDF: 23718566756946360471966267132453322752.0/5

+ sign 1049.725 $\pm$ 0.000 χ^2 /NDF: 72725693052898

All: 1059.929 $\pm$ 0.000 χ^2 /NDF: 19039081647

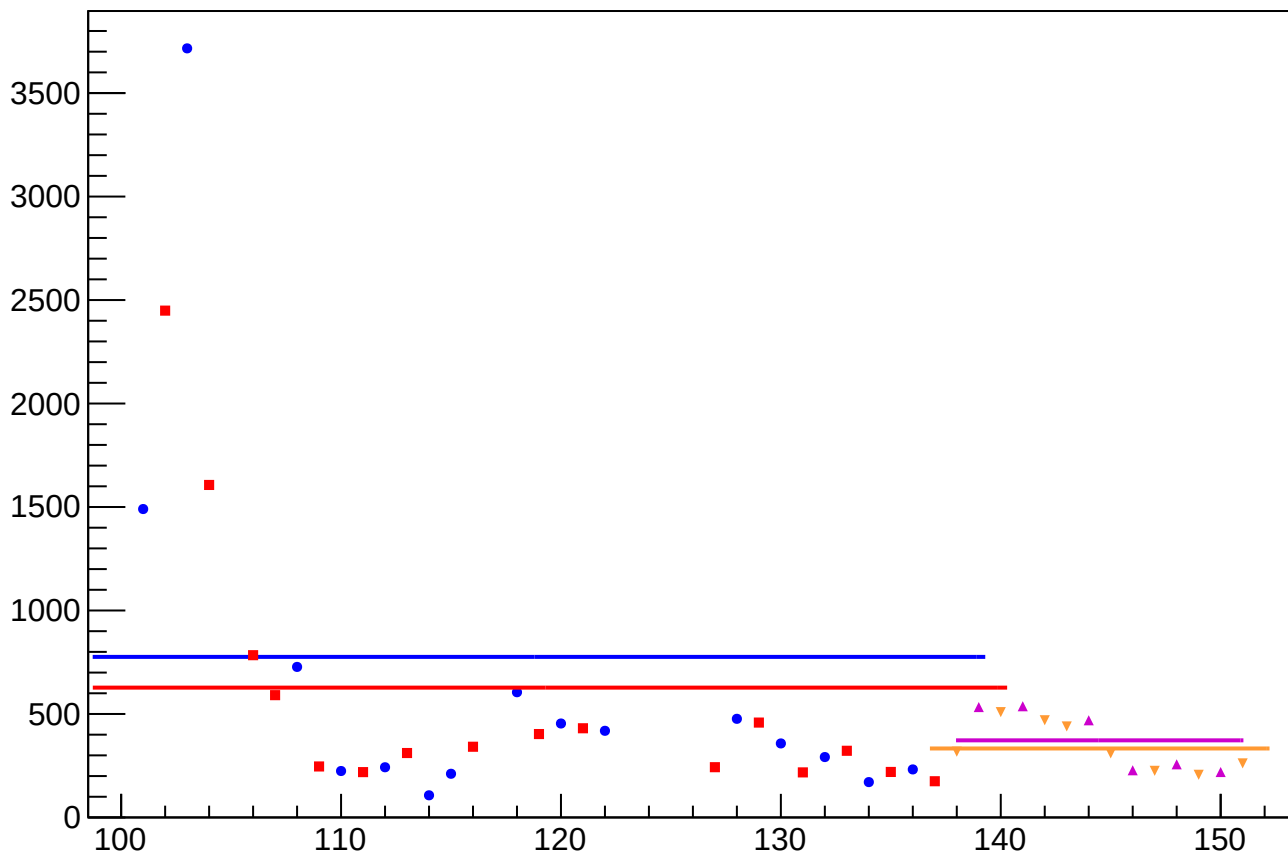
- sign 1070.670 $\pm$ 0.000 χ^2 /NDF: 11739965107825

dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14
 Left Out: -6030.187 ± 0.000 χ^2/NDF : 2672219789718123861136654993976037736448.0/7
 Right Out: -4156.859 ± 0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15
 Left In: -6289.439 ± 0.000 χ^2/NDF : 1403252917725617342749906813635906240512.0/5

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 333.278+/-0.000 χ^2/NDF : 6873693803853560533375819323849834496.0/7

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

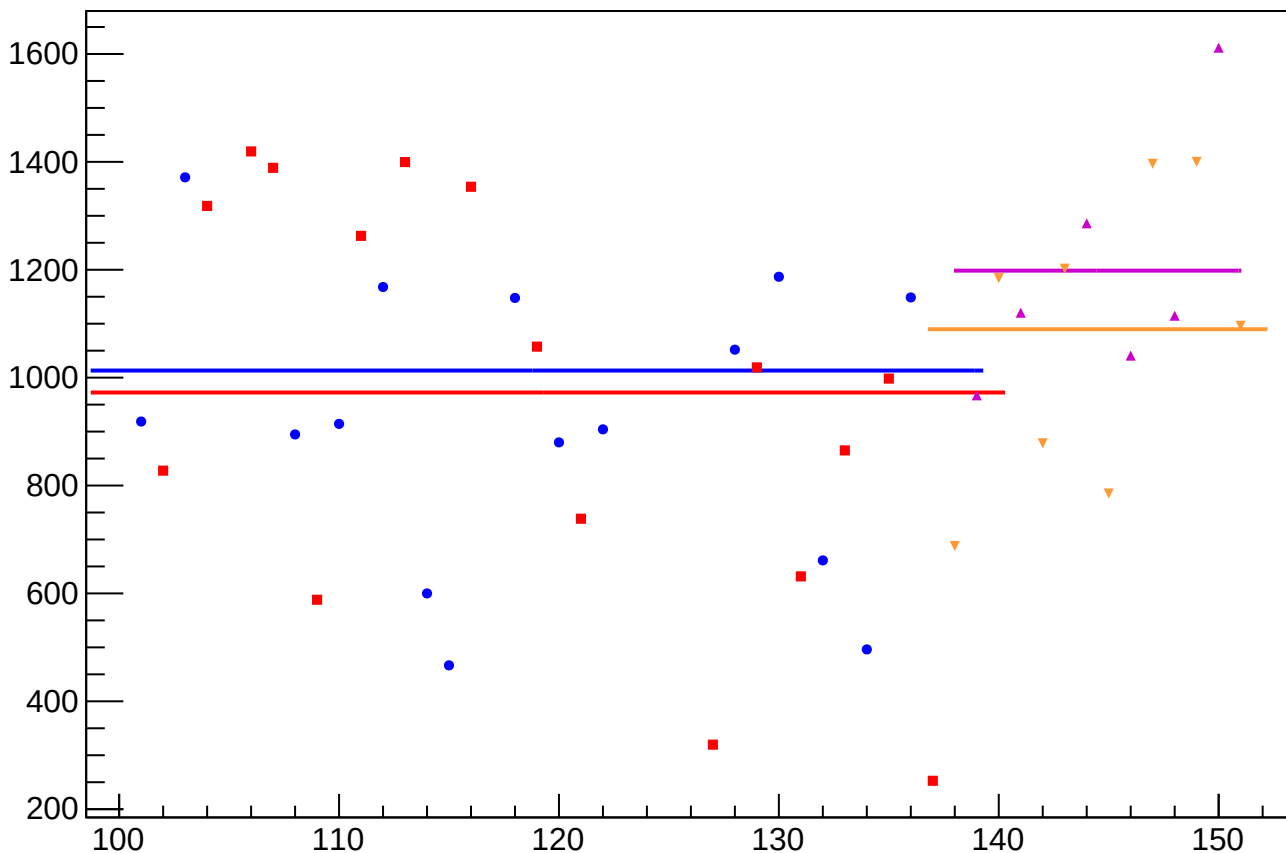
Left In: 372.606+/-0.000 χ^2/NDF : 10232145991692641685301509569439072256.0/5

+ sign 564.528+/-0.000 χ^2/NDF : 709417423884581

All: 541.168+/-0.000 χ^2/NDF : 10373708770

- sign 516.581+/-0.000 χ^2/NDF : 326562380136649

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757 +/- 0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: 972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

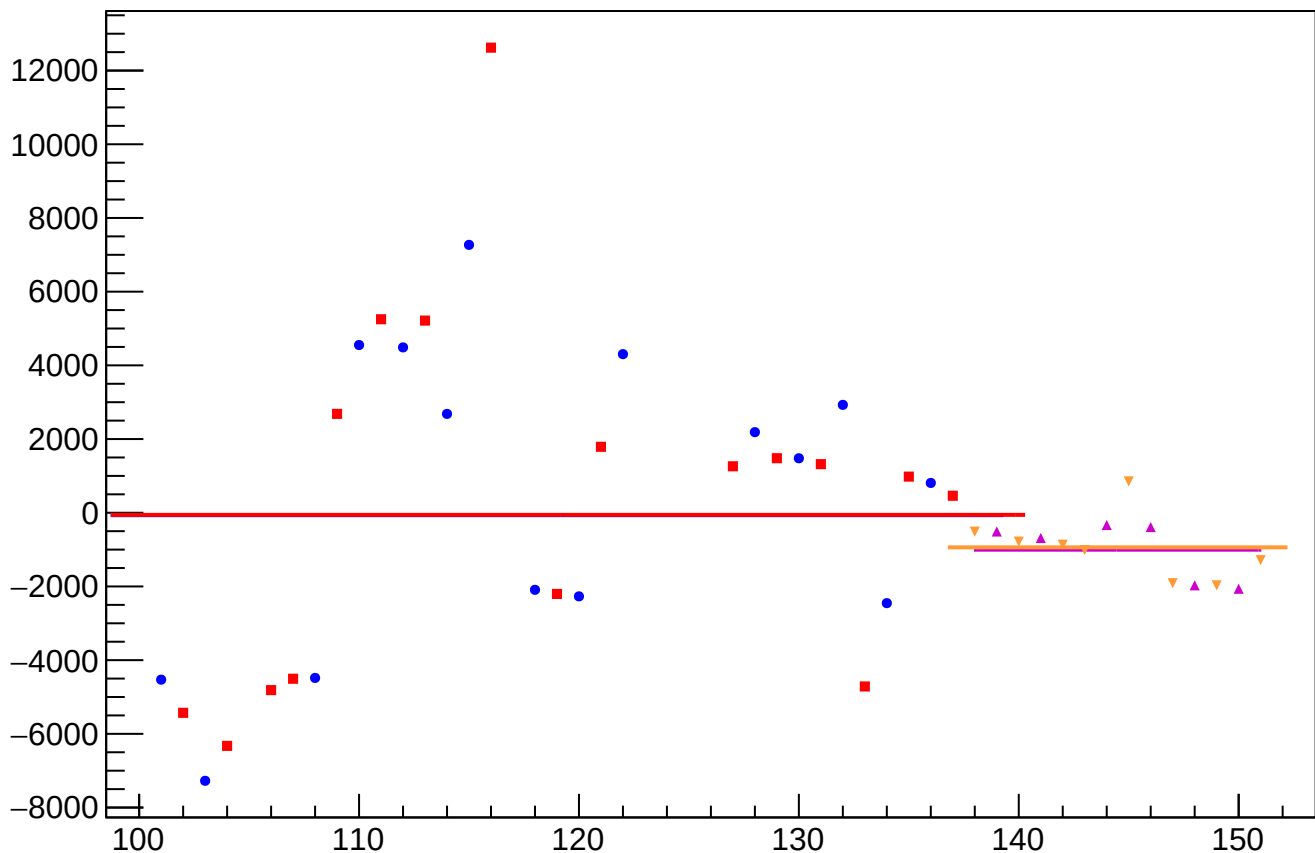
Left In: 1198.357 +/- 0.000 χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725 +/- 0.000 χ^2/NDF : 72725693052898

All: 1059.929 +/- 0.000 χ^2/NDF : 19039081647

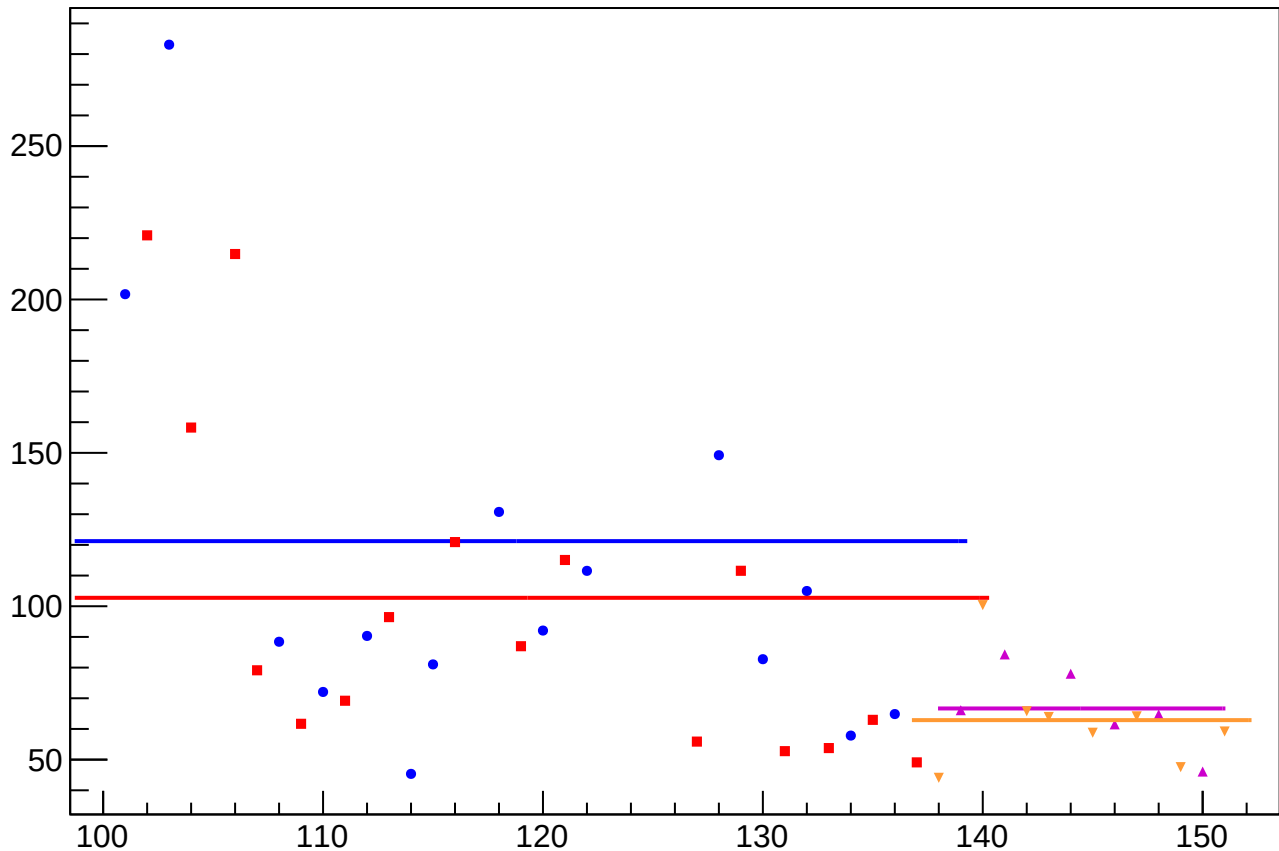
- sign 1070.670 +/- 0.000 χ^2/NDF : 11739965107825

dit_sam5_coil6_mean vs Slug



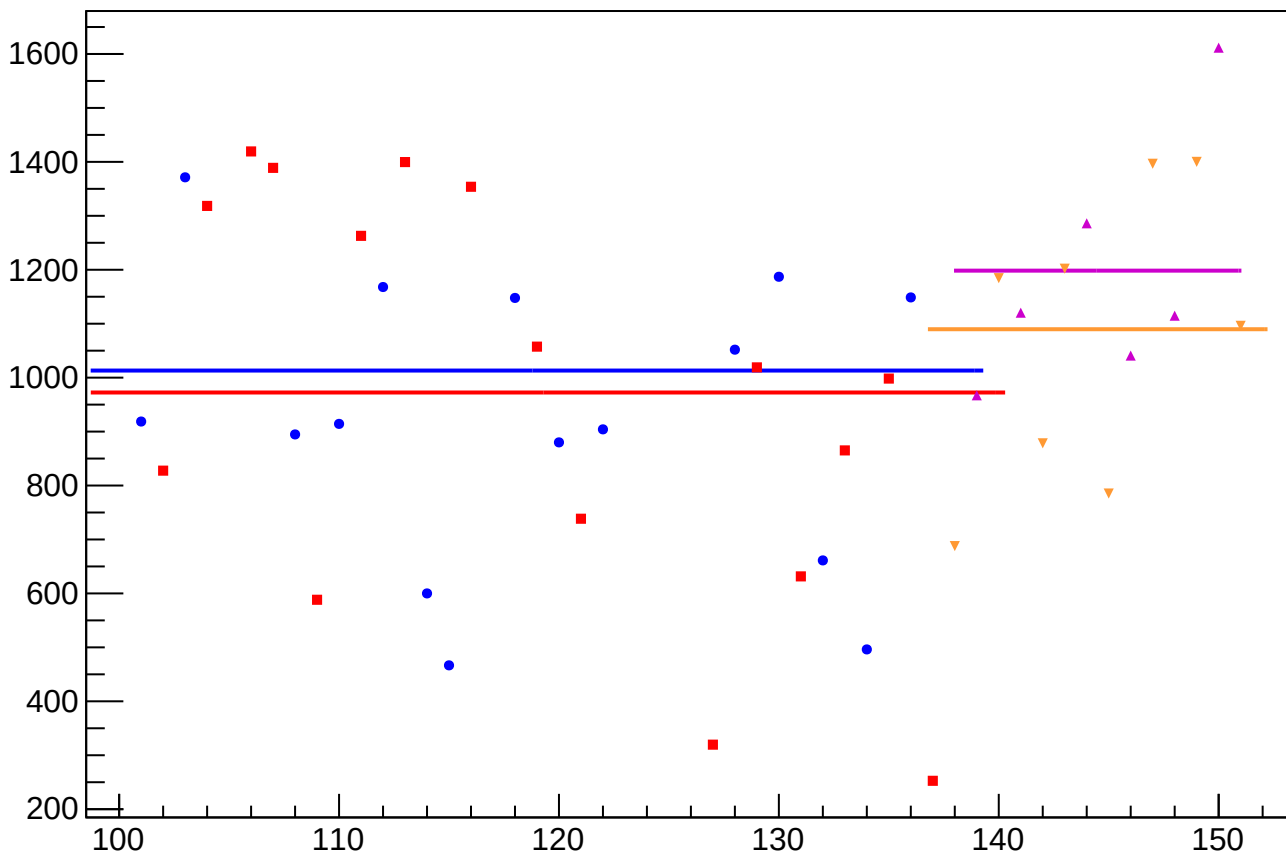
Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -938.664 ± 0.000 $\chi^2/\text{NDF}: 448733011531233656978938990972597436416.0/7$
 Right Out: -57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: -1002.304 ± 0.000 $\chi^2/\text{NDF}: 280569686522433618612301956990793416704.0/5$

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14
 Left Out: 62.874 $\pm$ 0.000 χ^2 /NDF: 165524714088300237579965246923079680.0/7
 Right Out: 102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15
 Left In: 66.676 $\pm$ 0.000 χ^2 /NDF: 78880300166036592770771924660781056.0/5
 All: 90.297 $\pm$ 0.000 χ^2 /NDF: 6391738288719
 + sign 93.367 $\pm$ 0.000 χ^2 /NDF: 3943829327120068
 - sign 87.066 $\pm$ 0.000 χ^2 /NDF: 2423889066869912

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1089.757+/-0.000

Right Out: 972.465+/-0.000

Left In: 1198.357+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 39185736443320245411683779286881271808.0/7

χ^2/NDF : 78884457200782655962756069915468234752.0/15

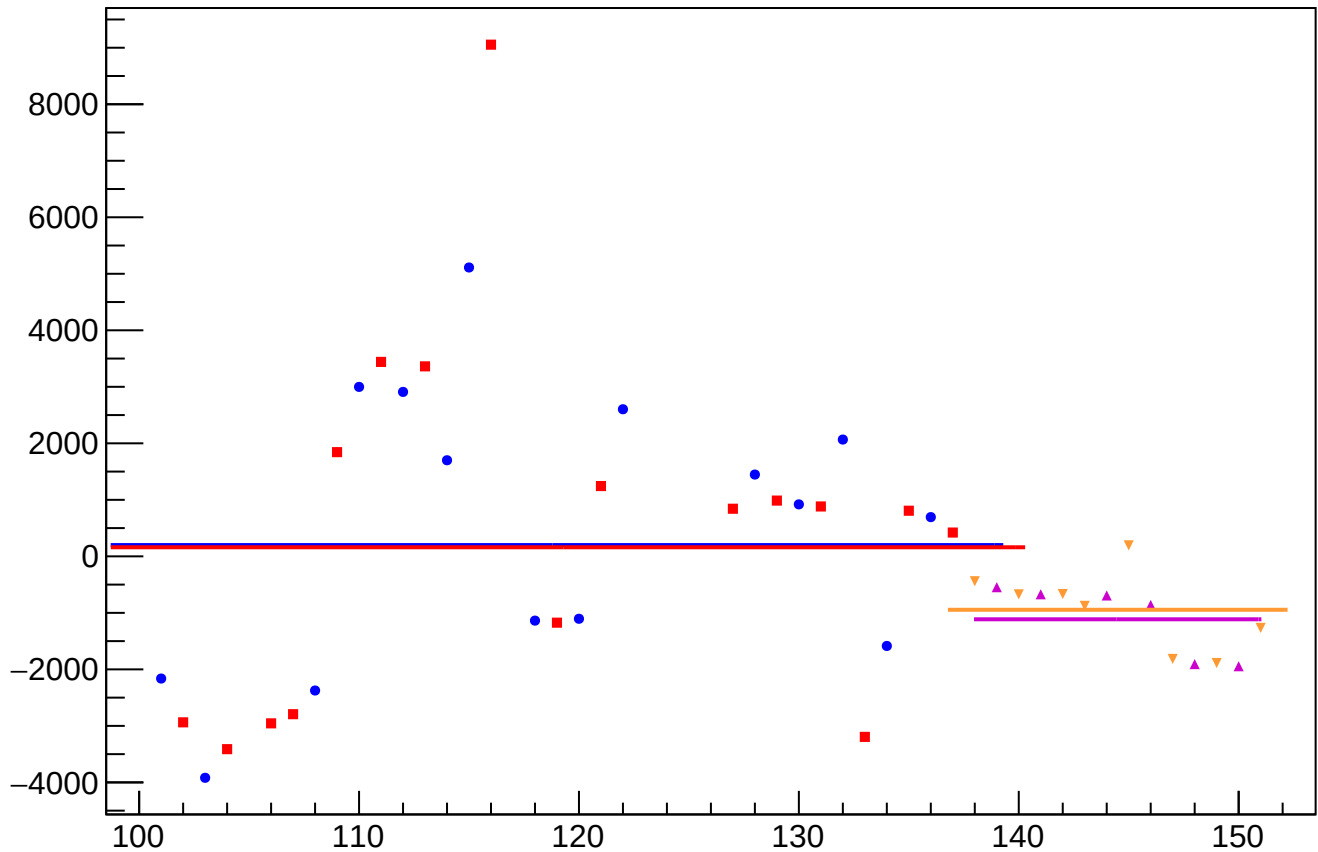
χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725+/-0.000 χ^2/NDF : 72725693052898

All: 1059.929+/-0.000 χ^2/NDF : 19039081647

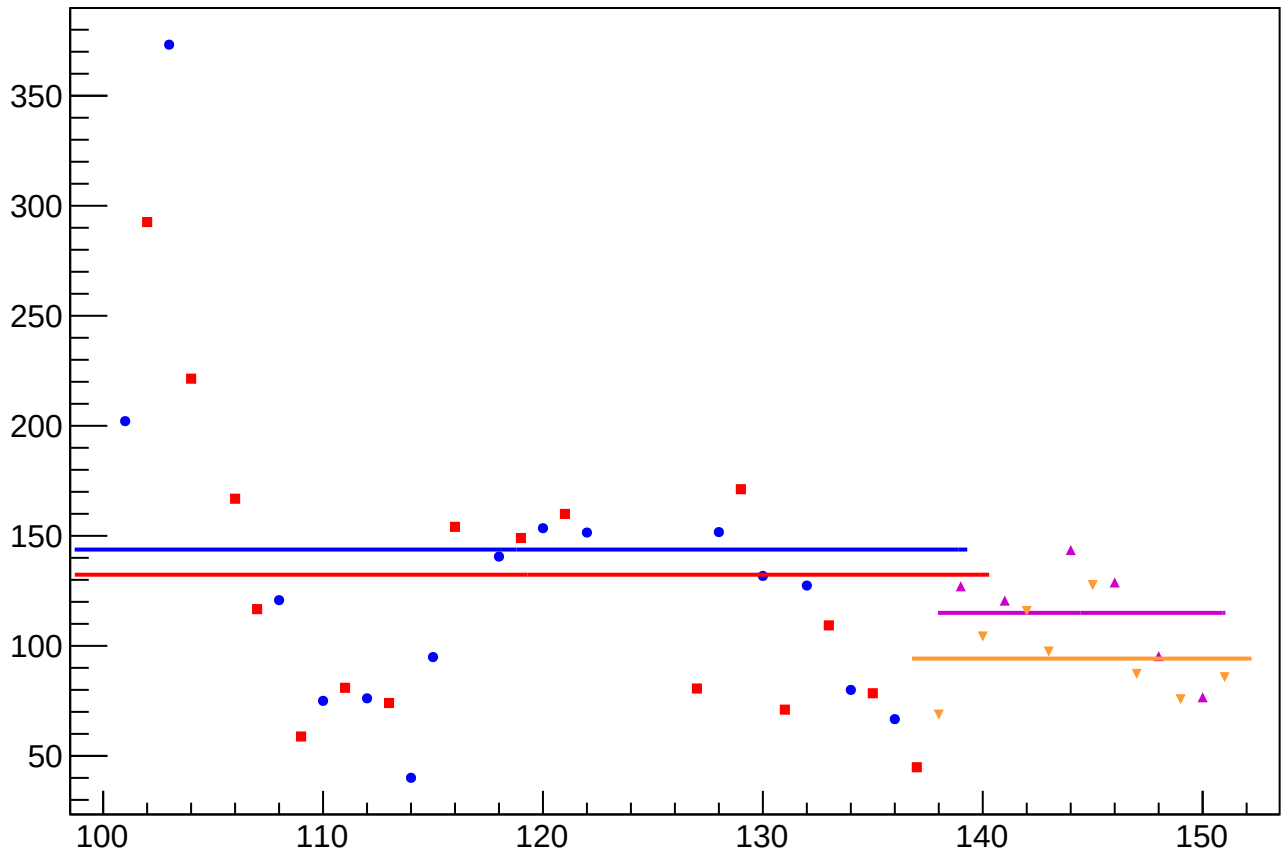
- sign 1070.670+/-0.000 χ^2/NDF : 11739965107825

dit_sam6_coil6_mean vs Slug



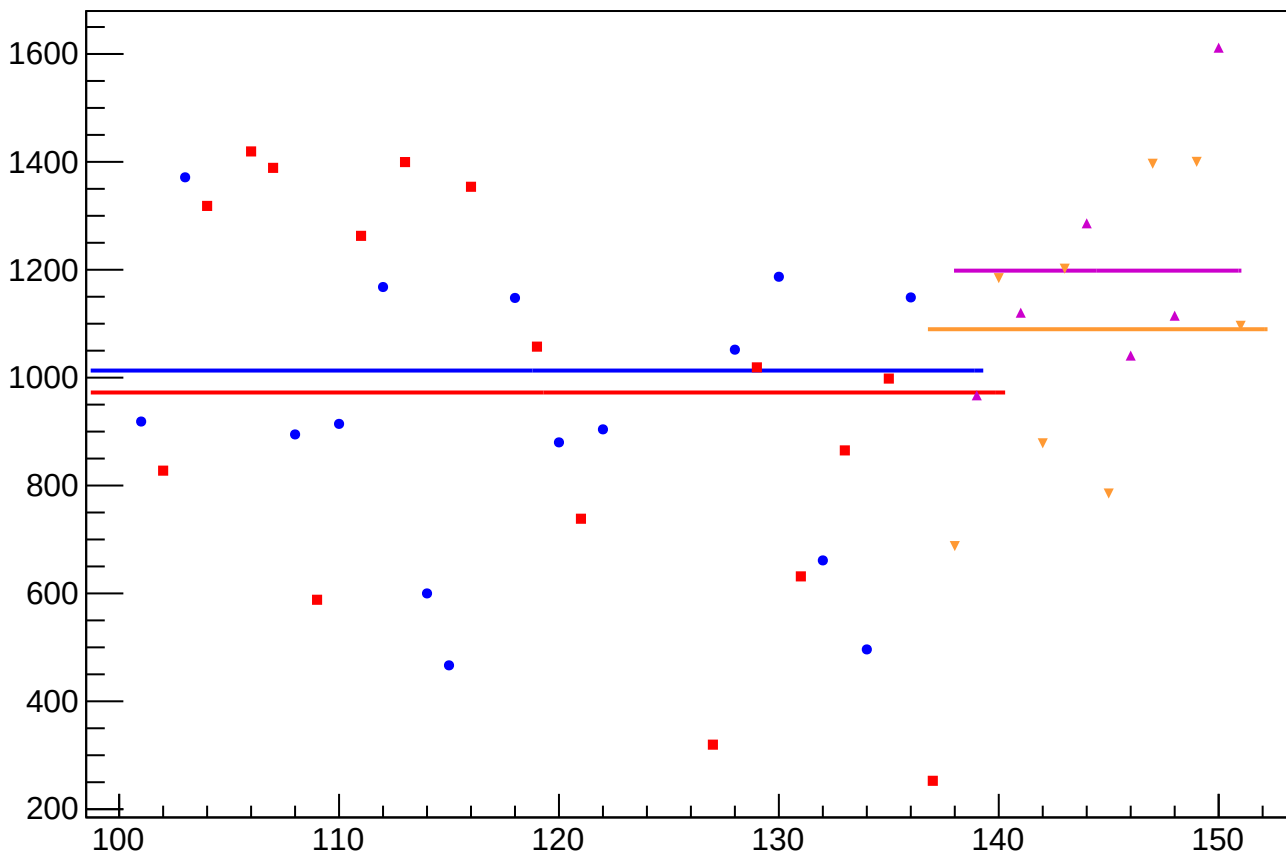
Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -945.386+/-0.000 χ^2/NDF : 276642489829848652906726340773269209088.0/7
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -1113.852+/-0.000 χ^2/NDF : 179548105938163323629074818235814117376.0/5

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14
 Left Out: 94.220 ± 0.000 χ^2/NDF : 209316022255760084463311521866317824.0/7
 Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15
 Left In: 114.996 ± 0.000 χ^2/NDF : 269215383314645432842504595696517120.0/5
 All: 122.394 ± 0.000 χ^2/NDF : 902856191248.0/7
 + sign 120.109 ± 0.000 χ^2/NDF : 548470389993474.0/7
 - sign 124.800 ± 0.000 χ^2/NDF : 353053919604805.0/7

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

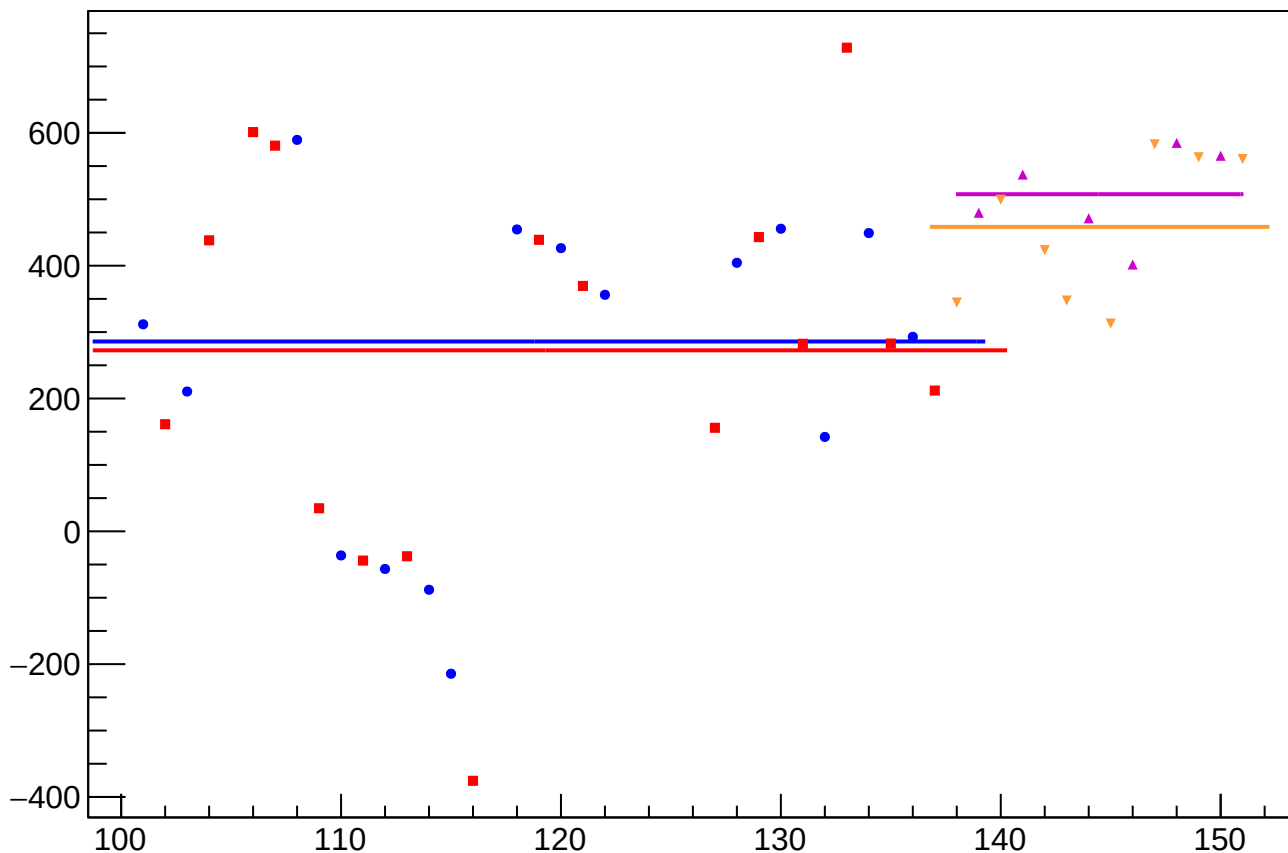
Left In: 1198.357+/-0.000 χ^2/NDF : 23718566756946360471966267132453322752.0/5

+ sign 1049.725+/-0.000 χ^2/NDF : 72725693052898

All: 1059.929+/-0.000 χ^2/NDF : 19039081647

- sign 1070.670+/-0.000 χ^2/NDF : 11739965107825

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 458.424+/-0.000 χ^2/NDF : 6675804679876431779876833115074723840.0/7

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

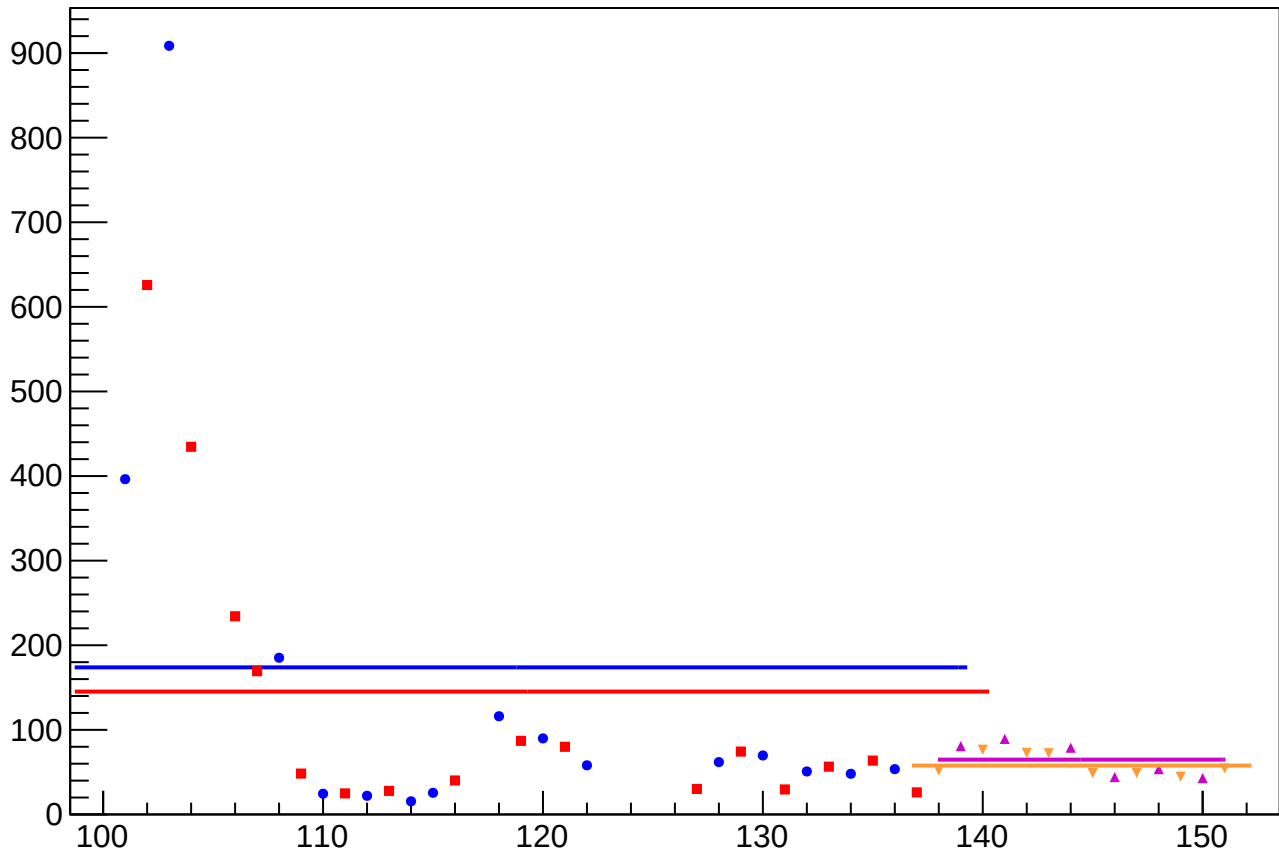
Left In: 507.656+/-0.000 χ^2/NDF : 1991038557751638697078514548398358528.0/5

+ sign 368.250+/-0.000 χ^2/NDF : 400118518558735

All: 371.419+/-0.000 χ^2/NDF : 102208395063

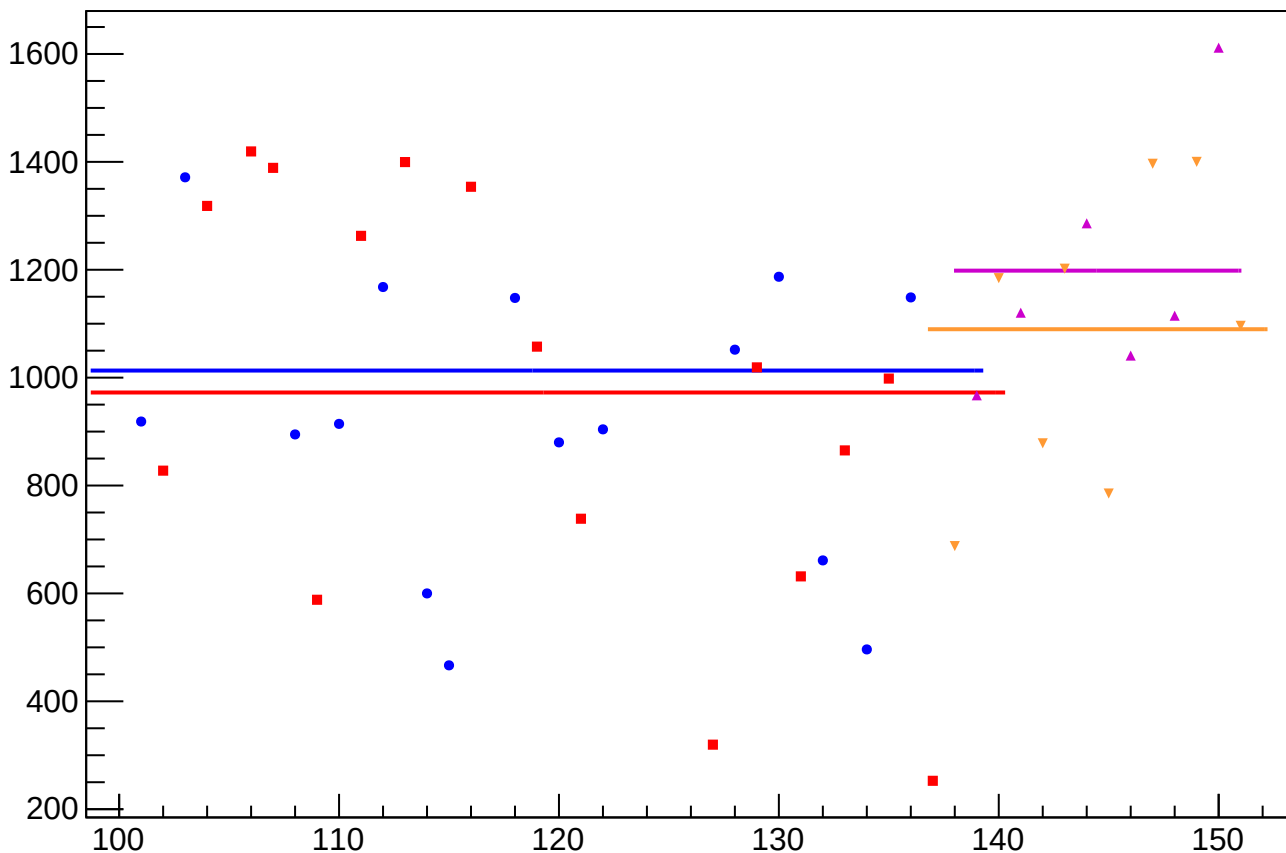
- sign 374.755+/-0.000 χ^2/NDF : 621709366730978

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 57.758+/-0.000 χ^2/NDF : 83692964867507454561339101690200064.0/7
 Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Left In: 64.786+/-0.000 χ^2/NDF : 178636590909652432459237231358377984.0/5
 + sign 118.432+/-0.000 χ^2/NDF : 459668917089885
 All: 114.449+/-0.000 χ^2/NDF : 705919947462
 - sign 110.256+/-0.000 χ^2/NDF : 245846546452715

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1089.757 $\pm$ 0.000 χ^2 /NDF: 39185736443320245411683779286881271808.0/7

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

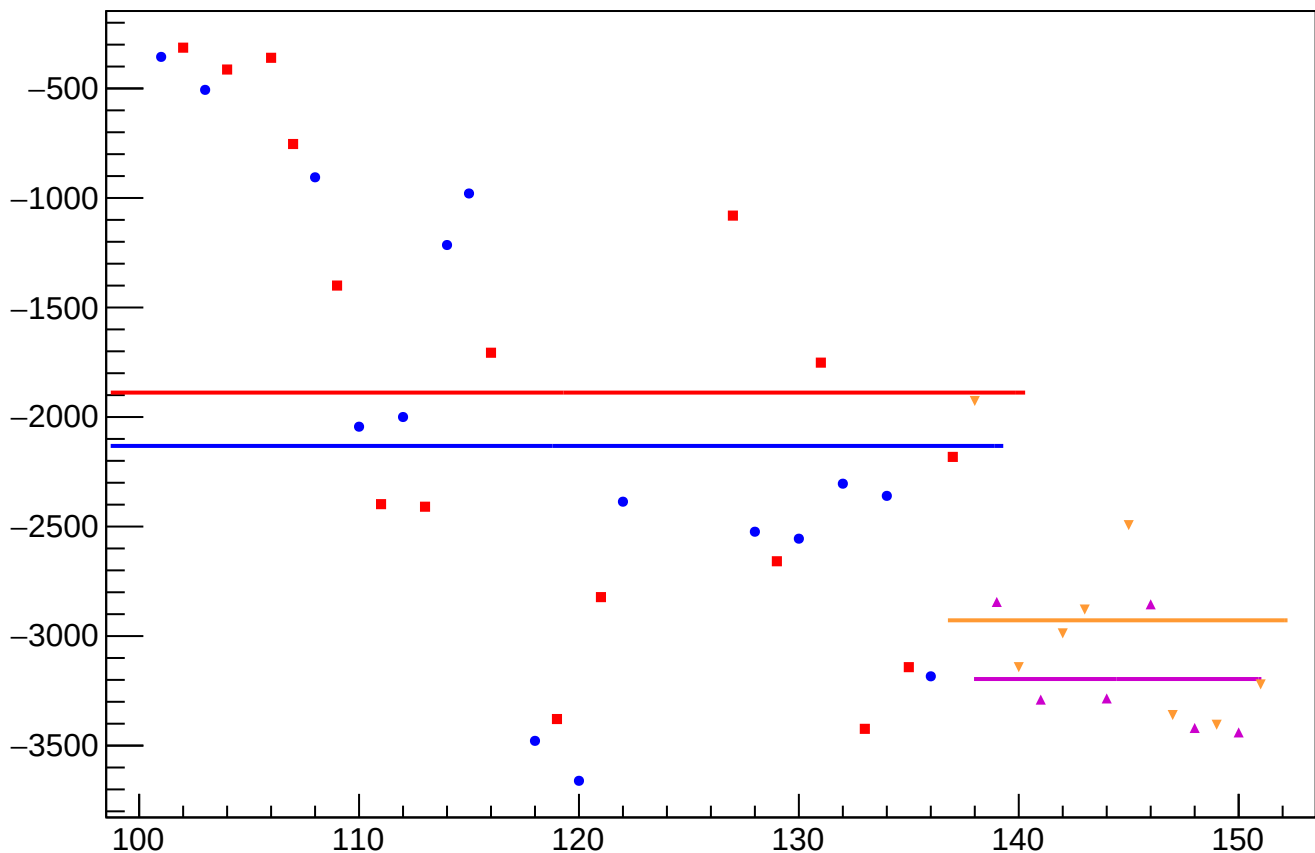
Left In: 1198.357 $\pm$ 0.000 χ^2 /NDF: 23718566756946360471966267132453322752.0/5

+ sign 1049.725 $\pm$ 0.000 χ^2 /NDF: 72725693052898

All: 1059.929 $\pm$ 0.000 χ^2 /NDF: 19039081647

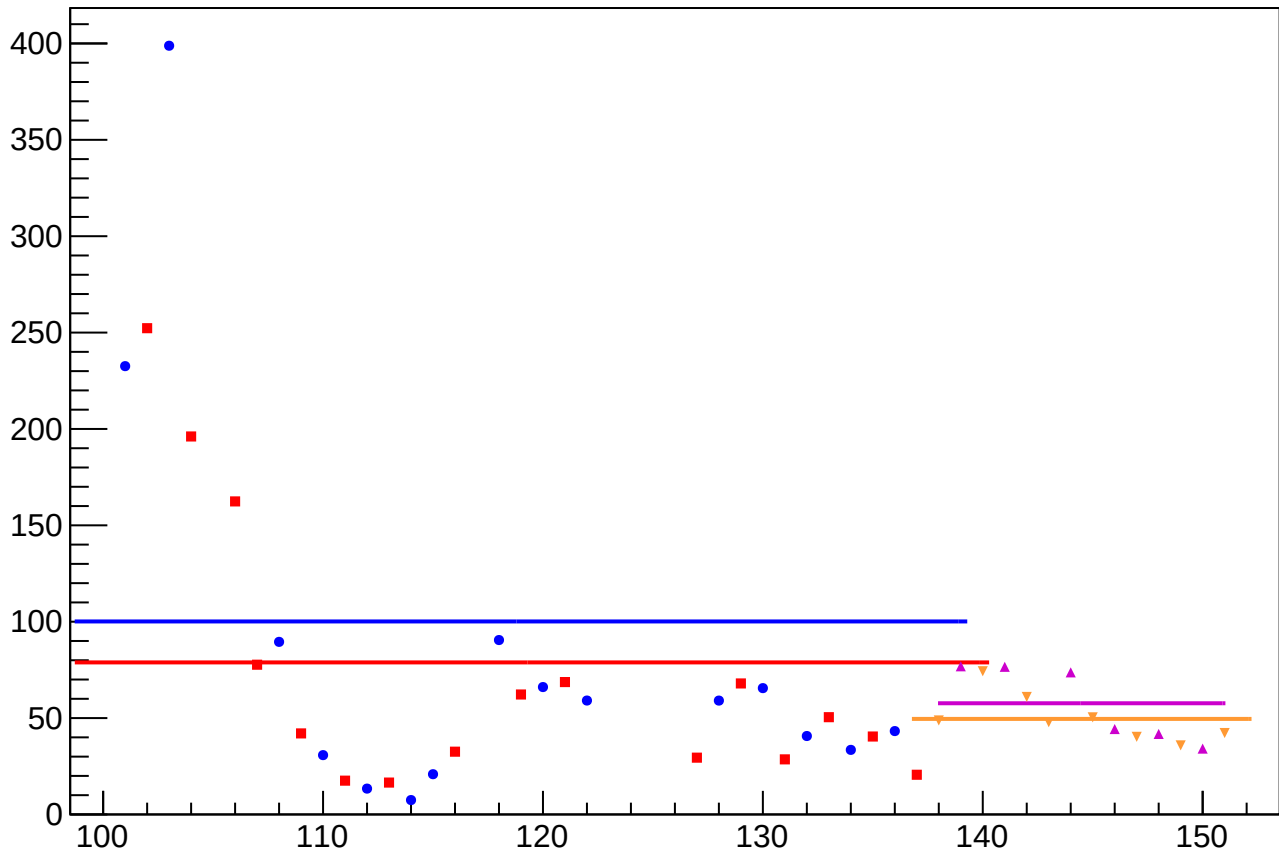
- sign 1070.670 $\pm$ 0.000 χ^2 /NDF: 11739965107825

dit_sam8_coil6_mean vs Slug



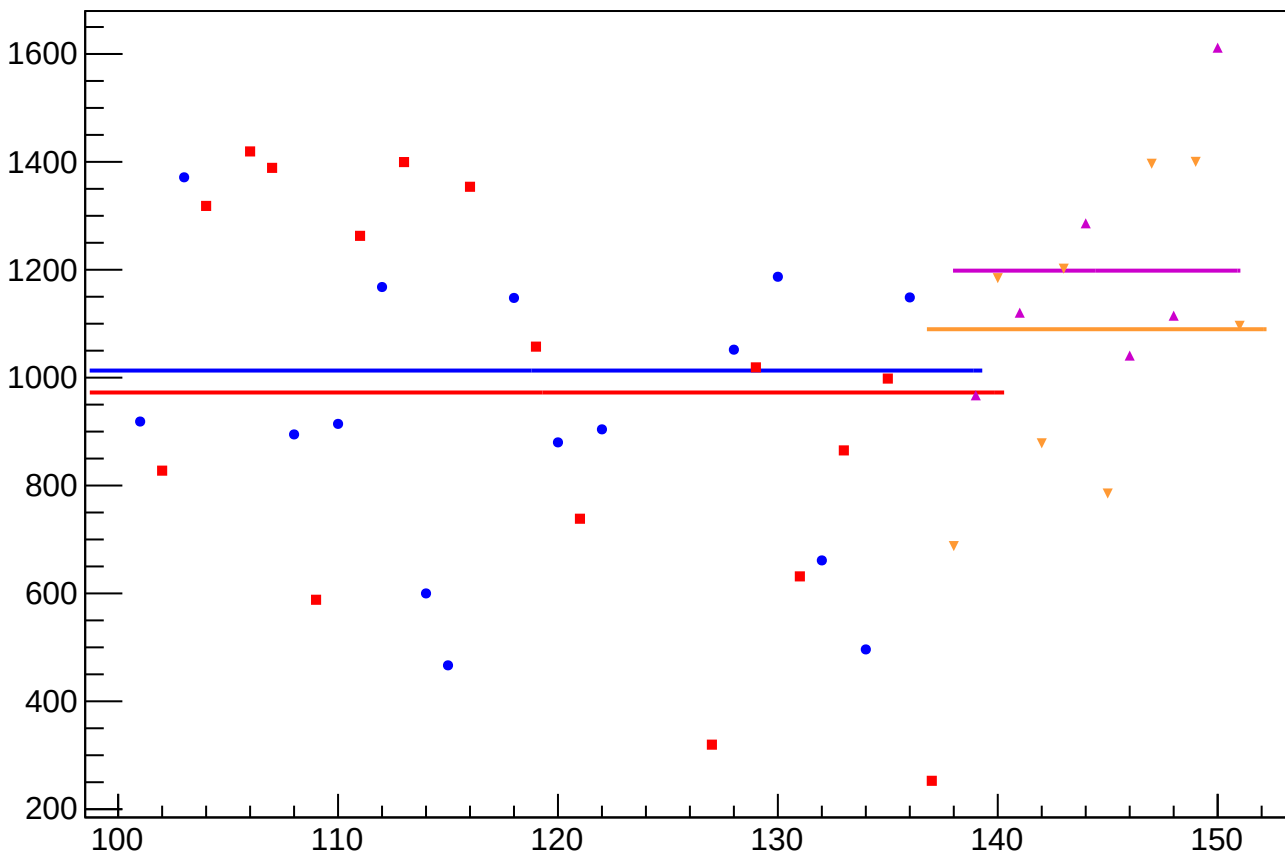
Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14
Left Out: -2928.065+/-0.000	χ^2/NDF : 137824903939380096151273633994556571648.0/7
Right Out: -1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15
Left In: -3196.038+/-0.000	χ^2/NDF : 30728703937893542374171161175217143808.0/5
+ sign -2512.036+/-0.000 χ^2/NDF : 1056675154855 All: -2485.182+/-0.000 χ^2/NDF : 2377026750 - sign -2456.917+/-0.000 χ^2/NDF : 13185132404065	

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135 $\pm$ 0.000 χ^2 /NDF: 7813910768784473081480373577053110272.0/14
 Left Out: 49.569 $\pm$ 0.000 χ^2 /NDF: 83119890335771845961372547390898176.0/7
 Right Out: 78.881 $\pm$ 0.000 χ^2 /NDF: 3525129078433901202304301512966275072.0/15
 Left In: 57.690 $\pm$ 0.000 χ^2 /NDF: 169526957202670195899876810610966528.0/5
 All: 72.911 $\pm$ 0.000 χ^2 /NDF: 1253842108556
 + sign 75.992 $\pm$ 0.000 χ^2 /NDF: 8689352953500438
 - sign 69.668 $\pm$ 0.000 χ^2 /NDF: 3824870452059592

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1089.757 $\pm$ 0.000 χ^2 /NDF: 39185736443320245411683779286881271808.0/7

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

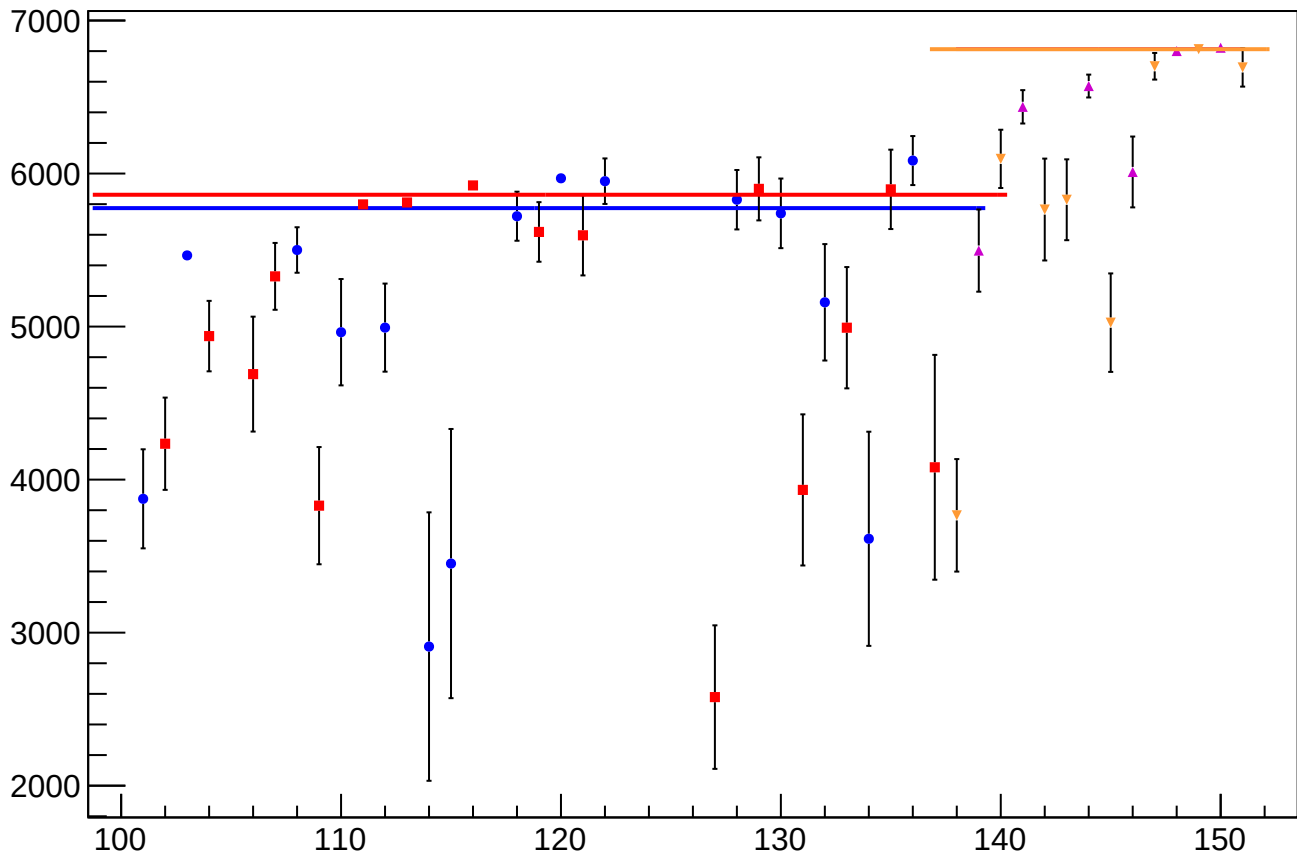
Left In: 1198.357 $\pm$ 0.000 χ^2 /NDF: 23718566756946360471966267132453322752.0/5

+ sign 1049.725 $\pm$ 0.000 χ^2 /NDF: 72725693052898

All: 1059.929 $\pm$ 0.000 χ^2 /NDF: 19039081647

- sign 1070.670 $\pm$ 0.000 χ^2 /NDF: 11739965107825

dit_run_mean vs Slug



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 6812.621 ± 0.311 $\chi^2/\text{NDF}: 140.0/7$

Right Out: 5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

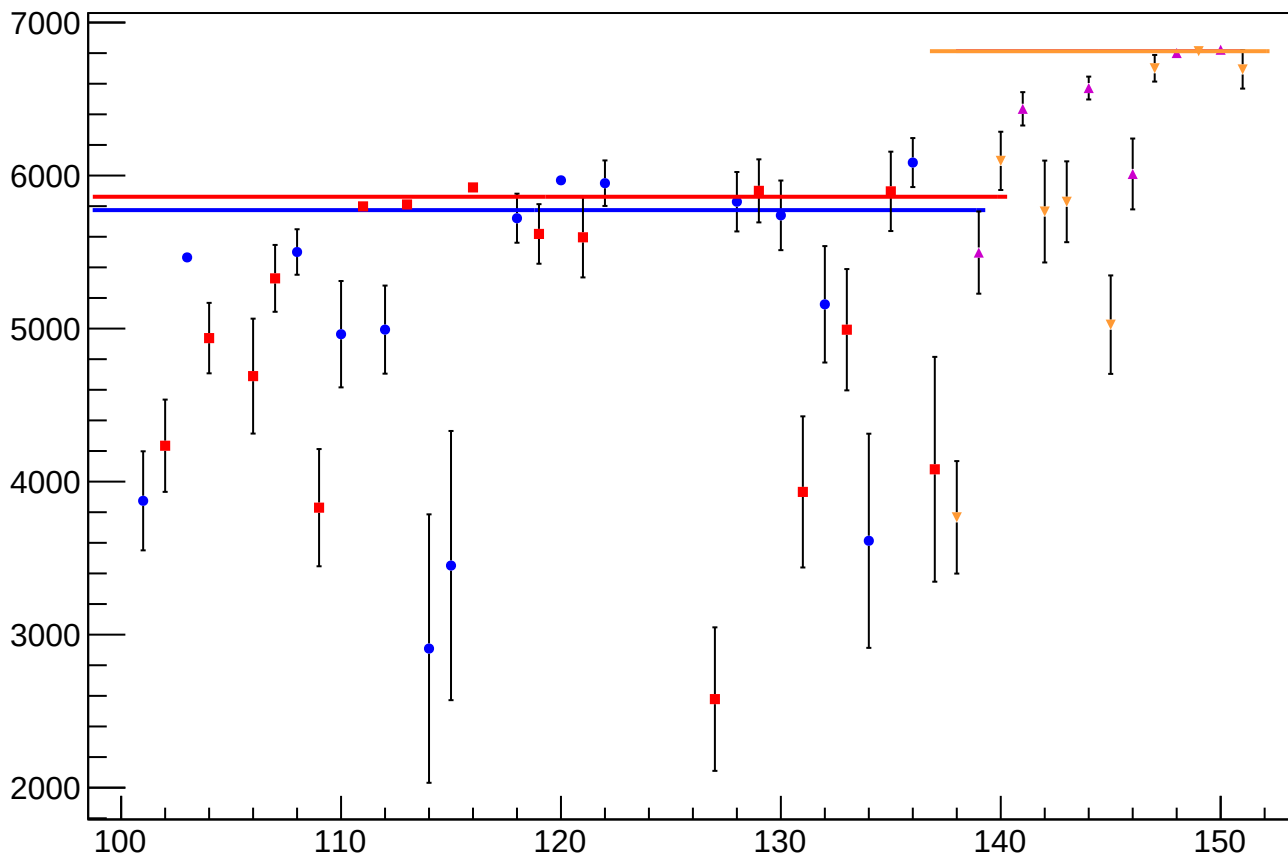
Left In: 6813.728 ± 0.240 $\chi^2/\text{NDF}: 1993.6/5$

+ sign 6038.096 ± 0.157 $\chi^2/\text{NDF}: 10154662.5/22$

All: 6078.235 ± 0.096 $\chi^2/\text{NDF}: 22200580.8/4$

- sign 6102.033 ± 0.121 $\chi^2/\text{NDF}: 11941409.3/21$

dit_run_rms vs Slug



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 6812.621 ± 0.311 $\chi^2/\text{NDF}: 140.0/7$

Right Out: 5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

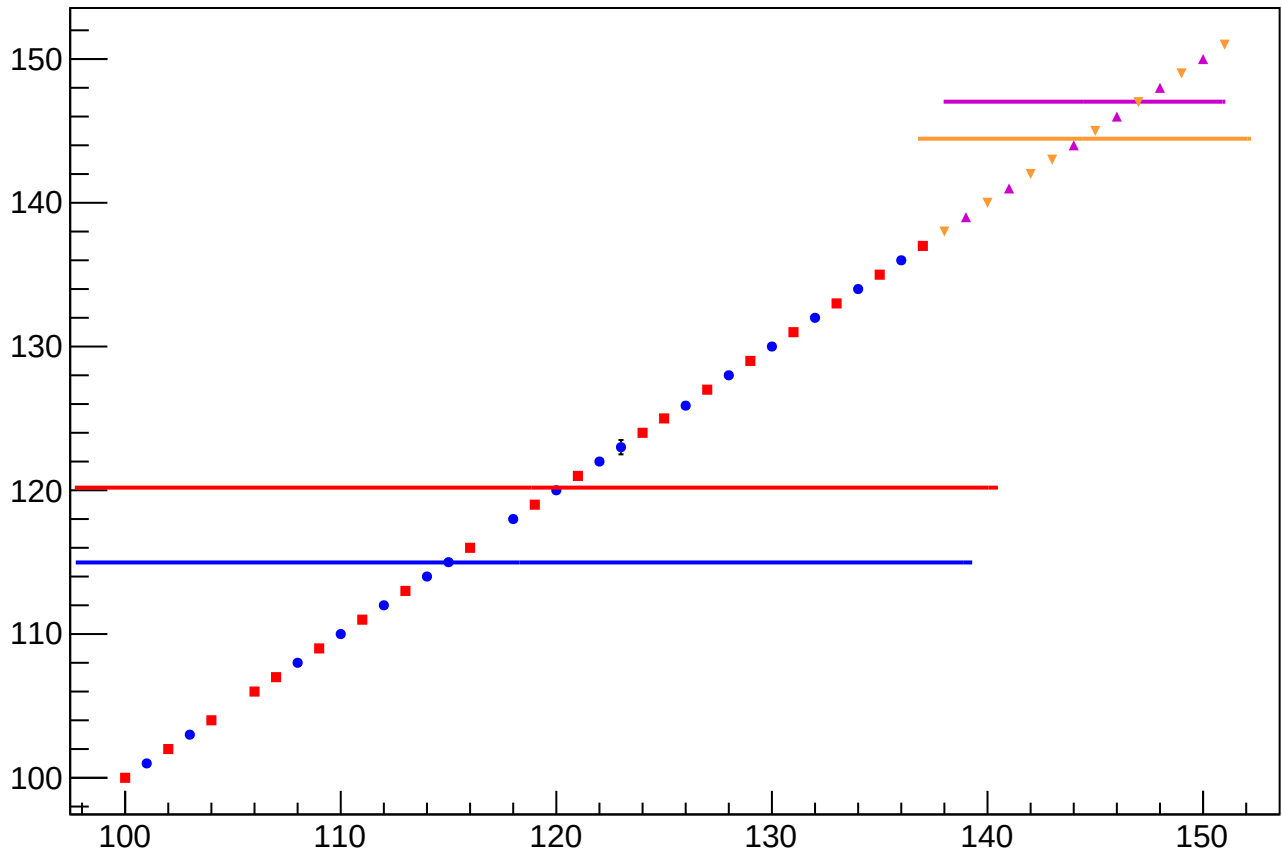
Left In: 6813.728 ± 0.240 $\chi^2/\text{NDF}: 1993.6/5$

+ sign 6038.096 ± 0.157 $\chi^2/\text{NDF}: 10154662.5/22$

All: 6078.235 ± 0.096 $\chi^2/\text{NDF}: 22200580.8/4$

- sign 6102.033 ± 0.121 $\chi^2/\text{NDF}: 11941409.3/21$

dit_slug_slope vs Slug



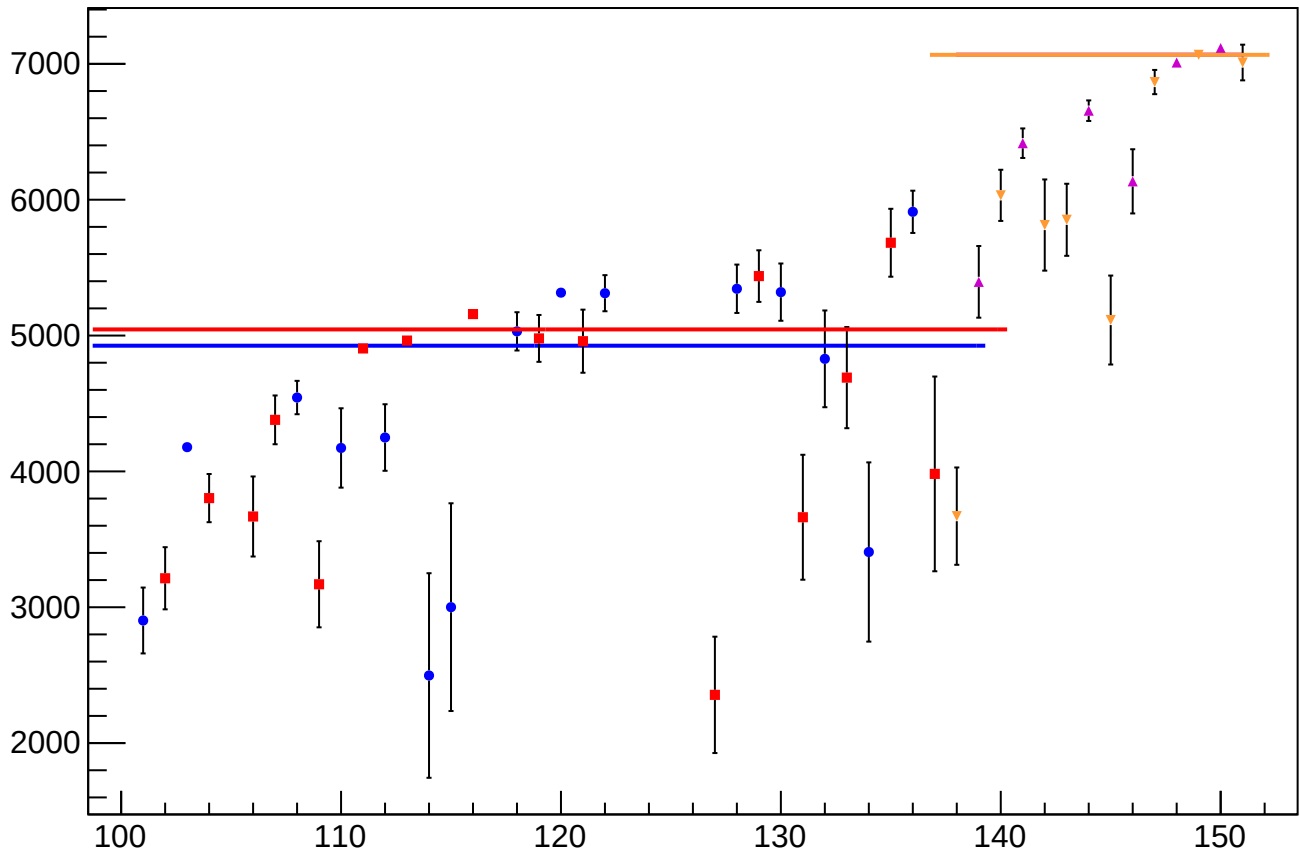
Right In: 114.980 $\pm$ 0.000 χ^2 /NDF: 112344936246012934714934440230912.0/16

Left Out: 144.458 $\pm$ 0.000 χ^2 /NDF: 8002012049495190959676379365376.0/7

Right Out: 120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695528198041763840.0/18

Left In: 147.034 $\pm$ 0.000 χ^2 /NDF: 1982929573039574689287717781504.0/5

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.441+/-1.478 χ^2/NDF :195.7/7

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

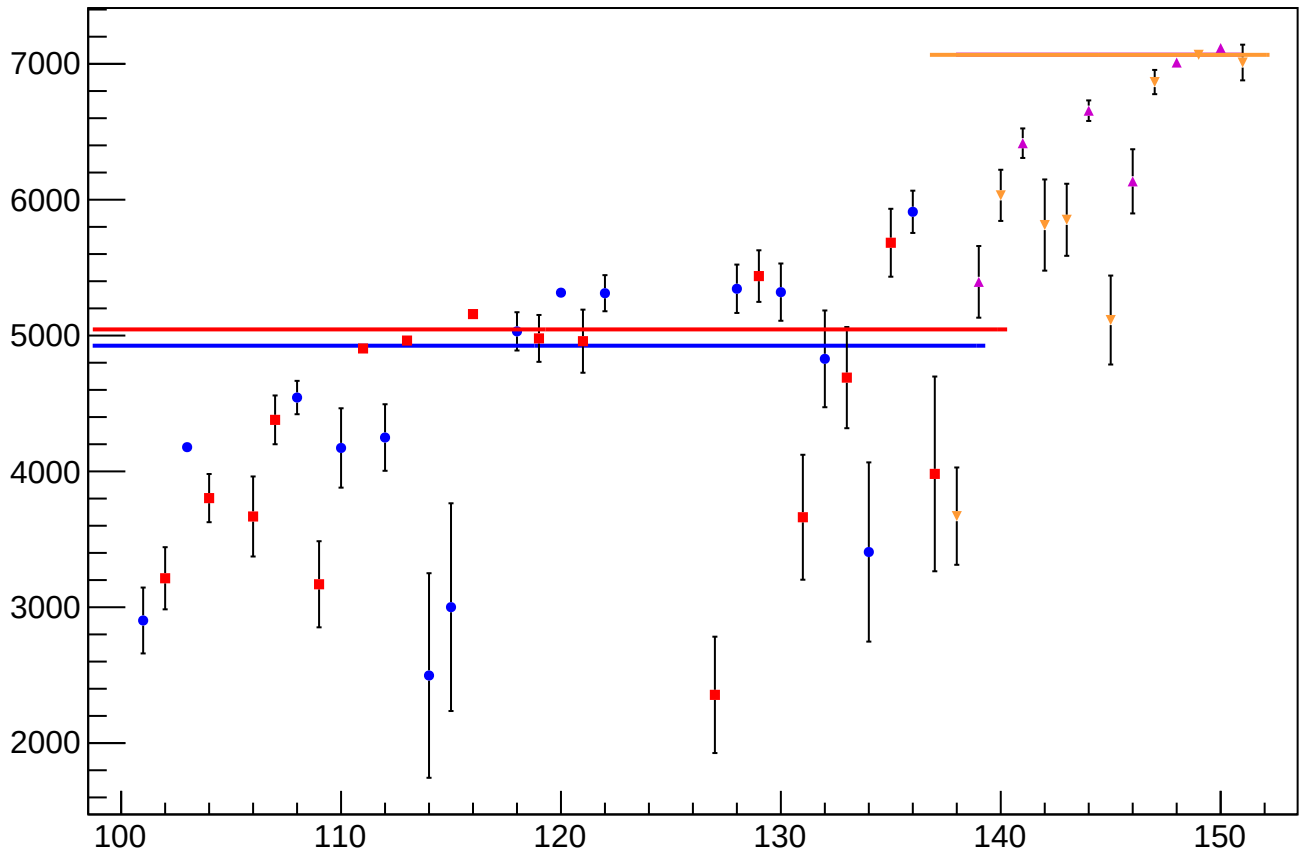
Left In: 7067.867+/-1.187 χ^2/NDF :2108.2/5

+ sign 5540.959+/-0.792 χ^2/NDF : 1827177.1/22

All: 5534.722+/-0.469 χ^2/NDF : 4064176.4/44

- sign 5531.356+/-0.582 χ^2/NDF : 2236903.9/21

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.441+/-1.478 χ^2/NDF :195.7/7

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

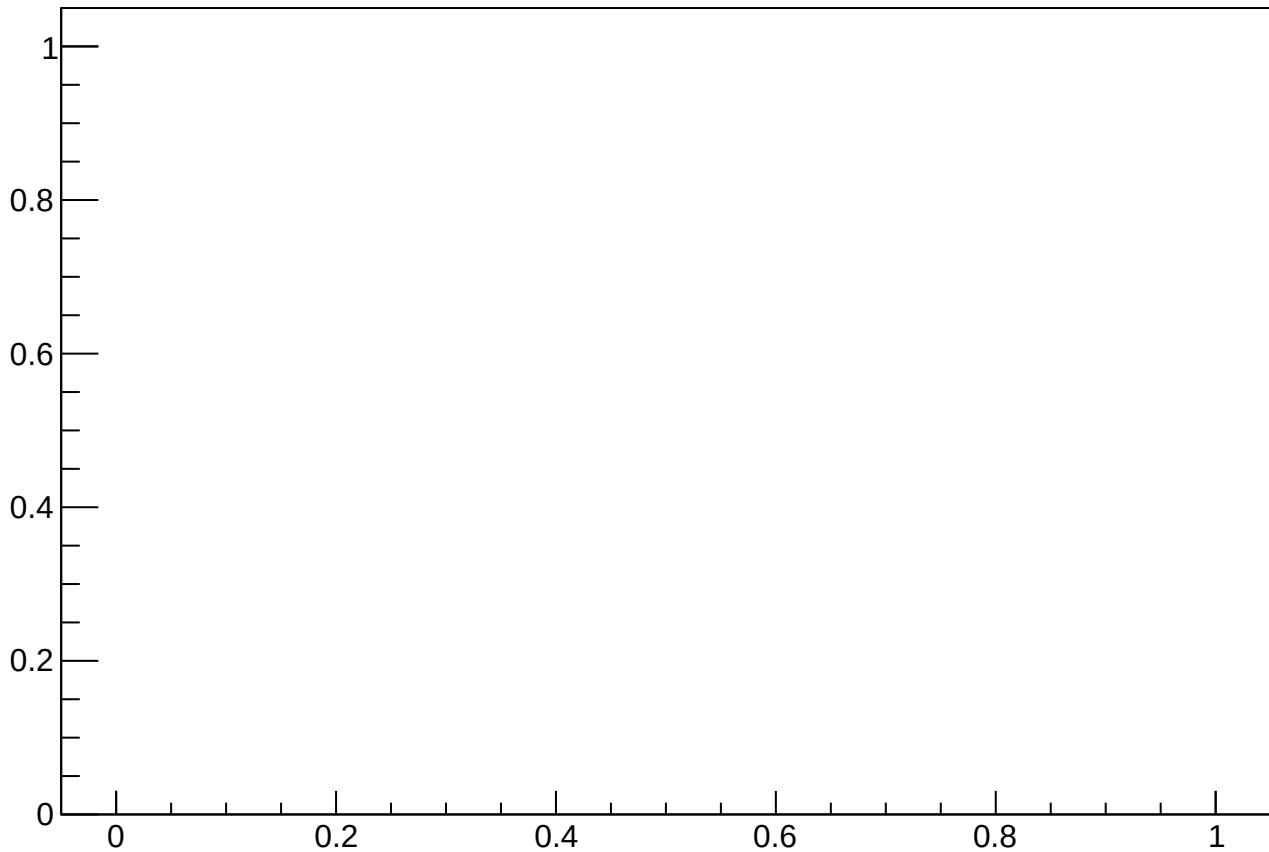
Left In: 7067.867+/-1.187 χ^2/NDF :2108.2/5

+ sign 5540.959+/-0.792 χ^2/NDF : 1827177.1/22

All: 5534.722+/-0.469 χ^2/NDF : 4064176.4/44

- sign 5531.356+/-0.582 χ^2/NDF : 2236903.9/21

dit_scandata1_mean vs Slug



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

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

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

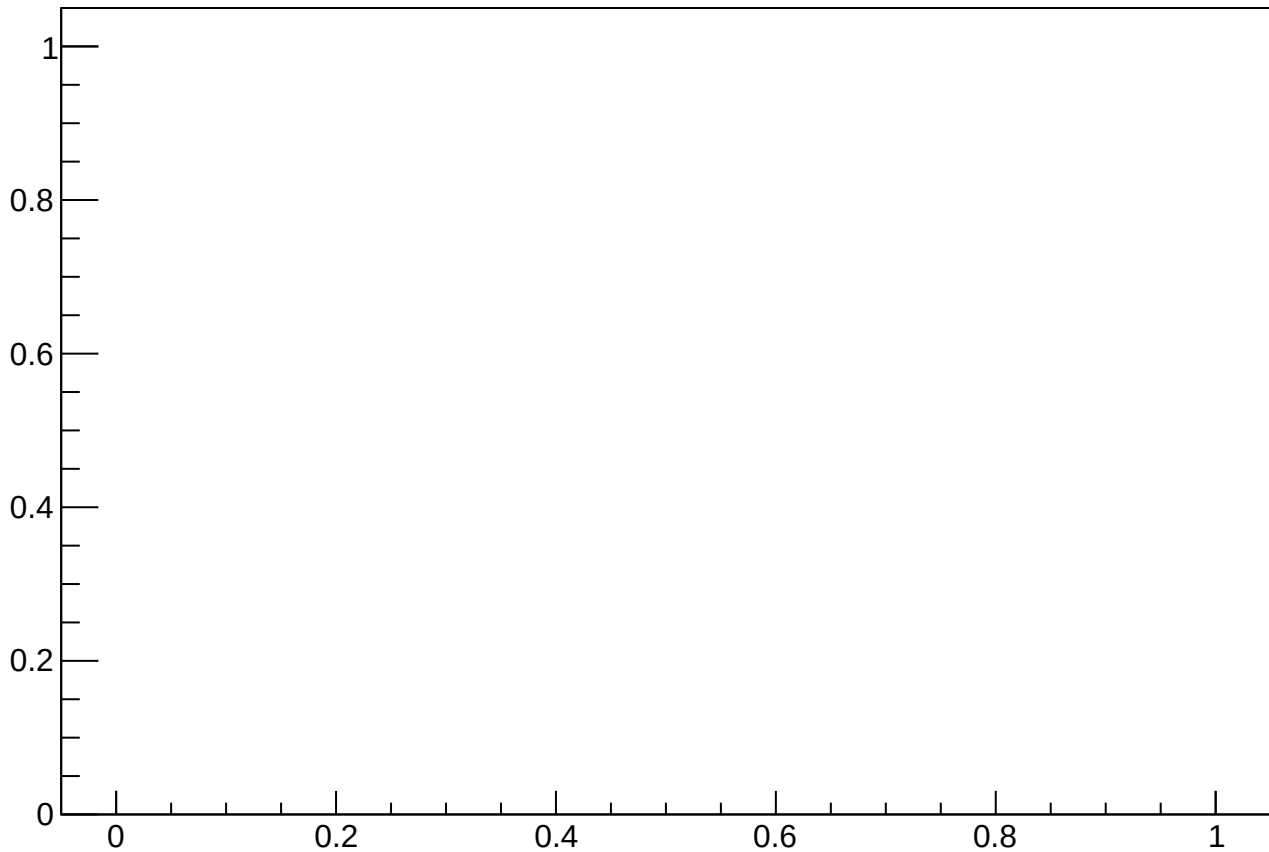
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata1_rms vs Slug



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

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

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

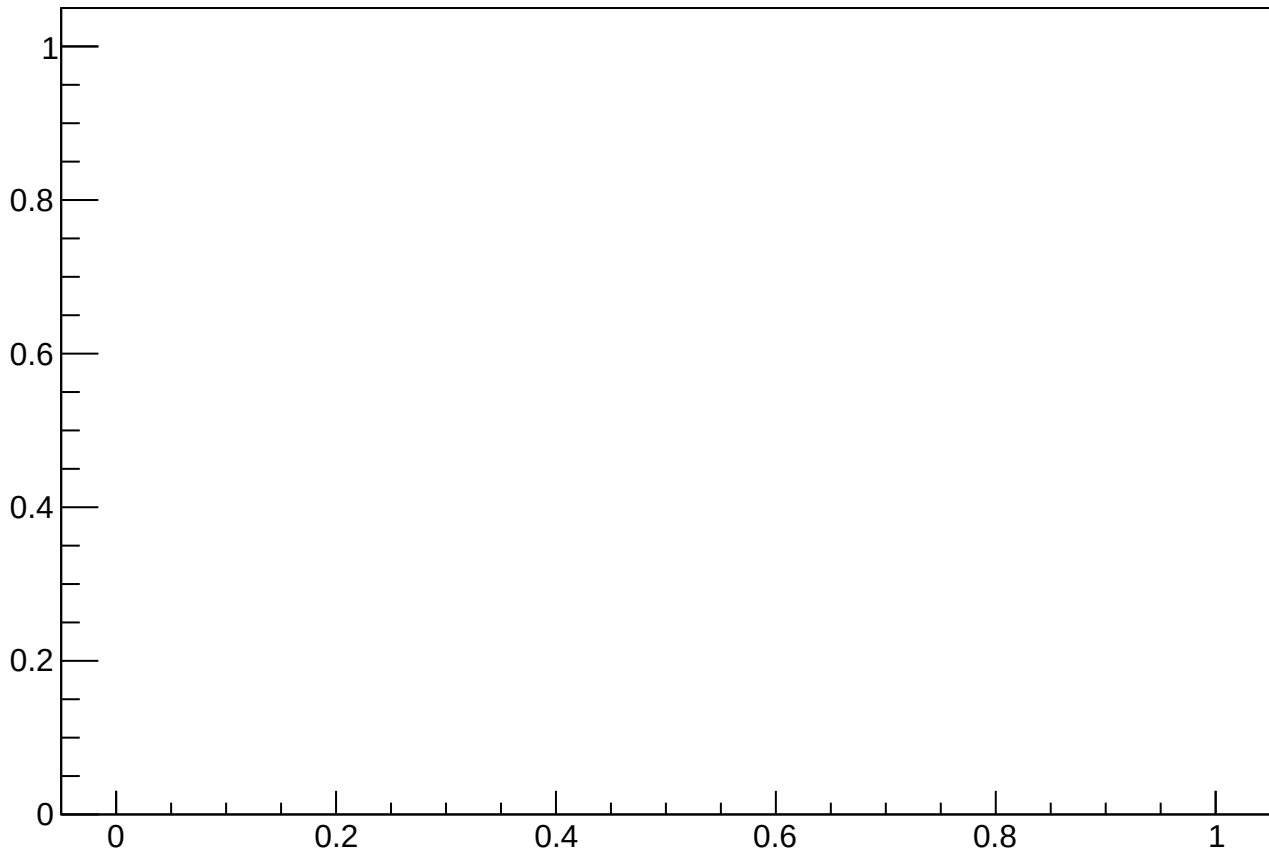
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

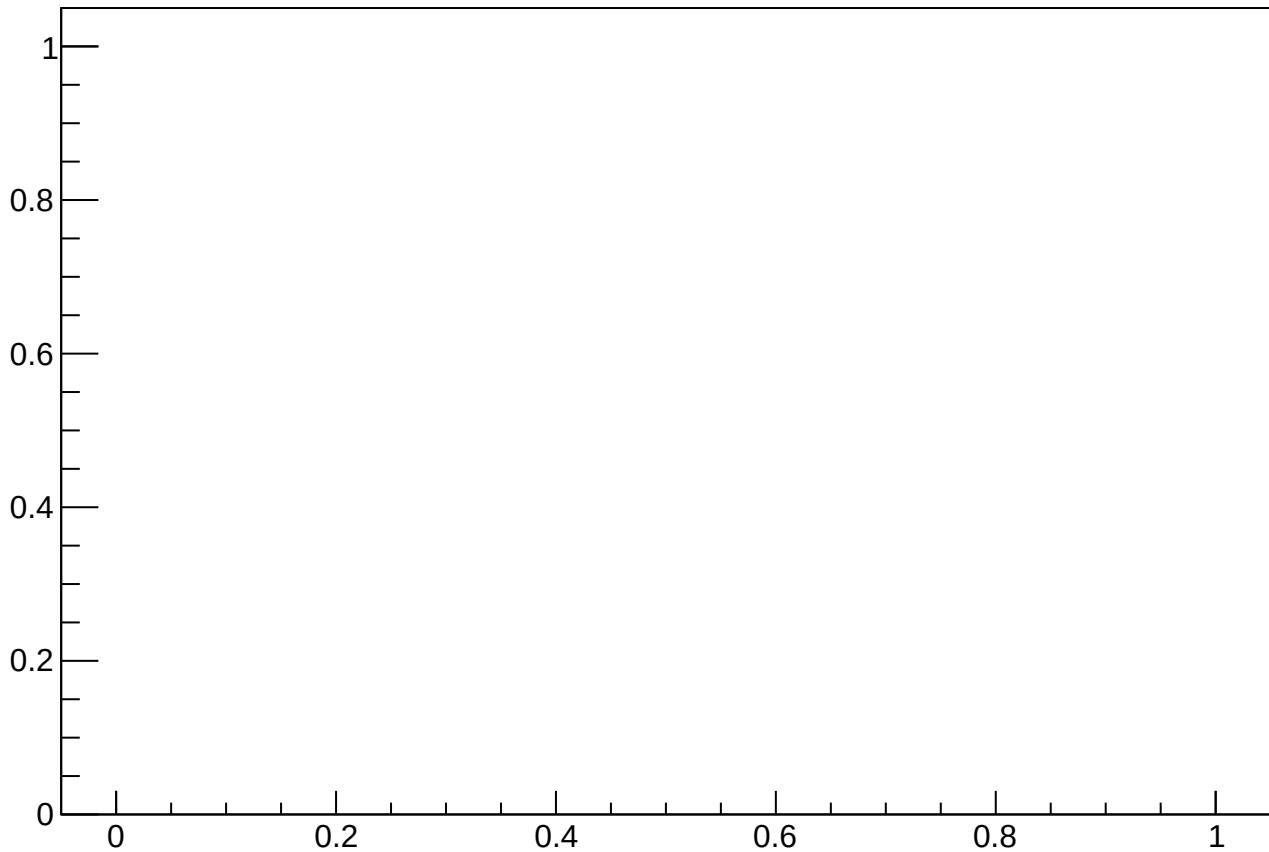
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_rms vs Slug



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

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

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

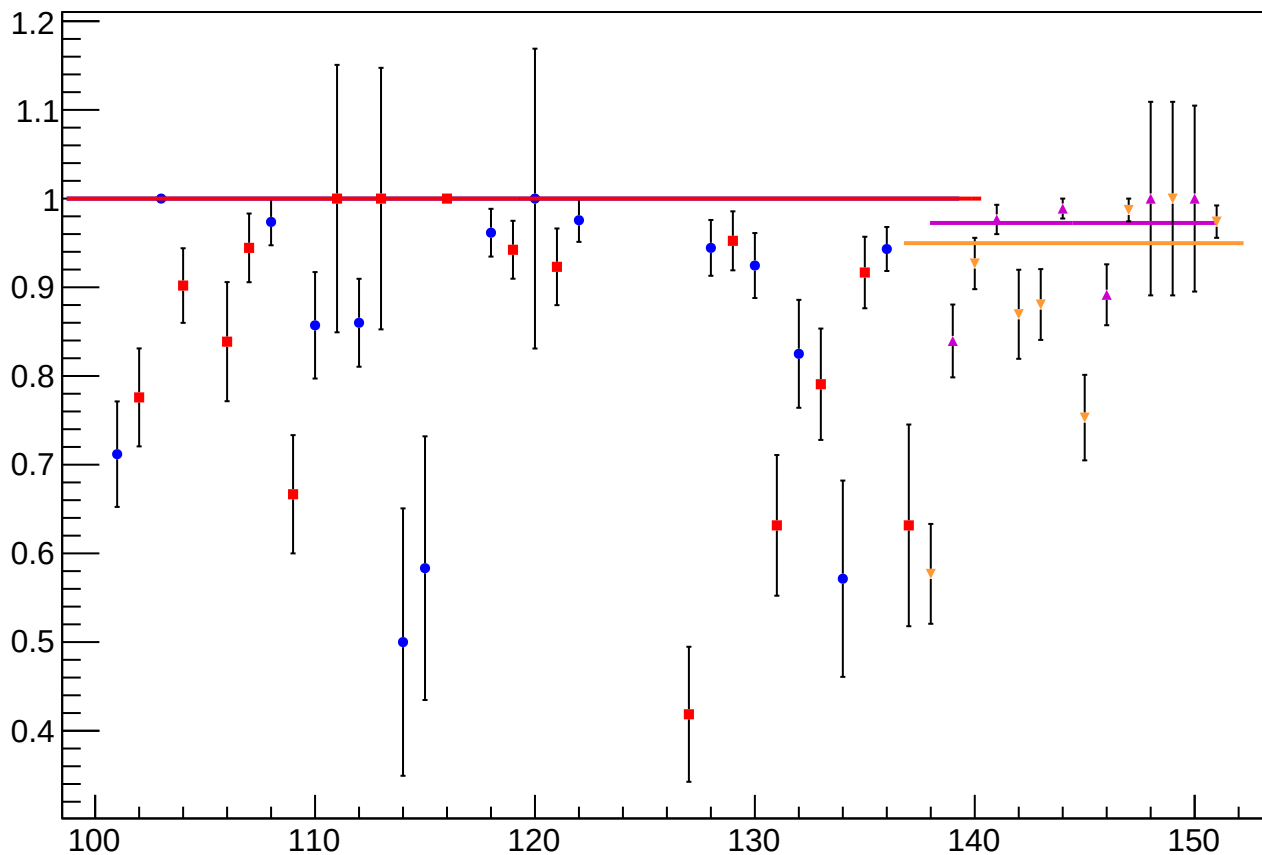
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.950 ± 0.009 χ^2/NDF : 77.2/7

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

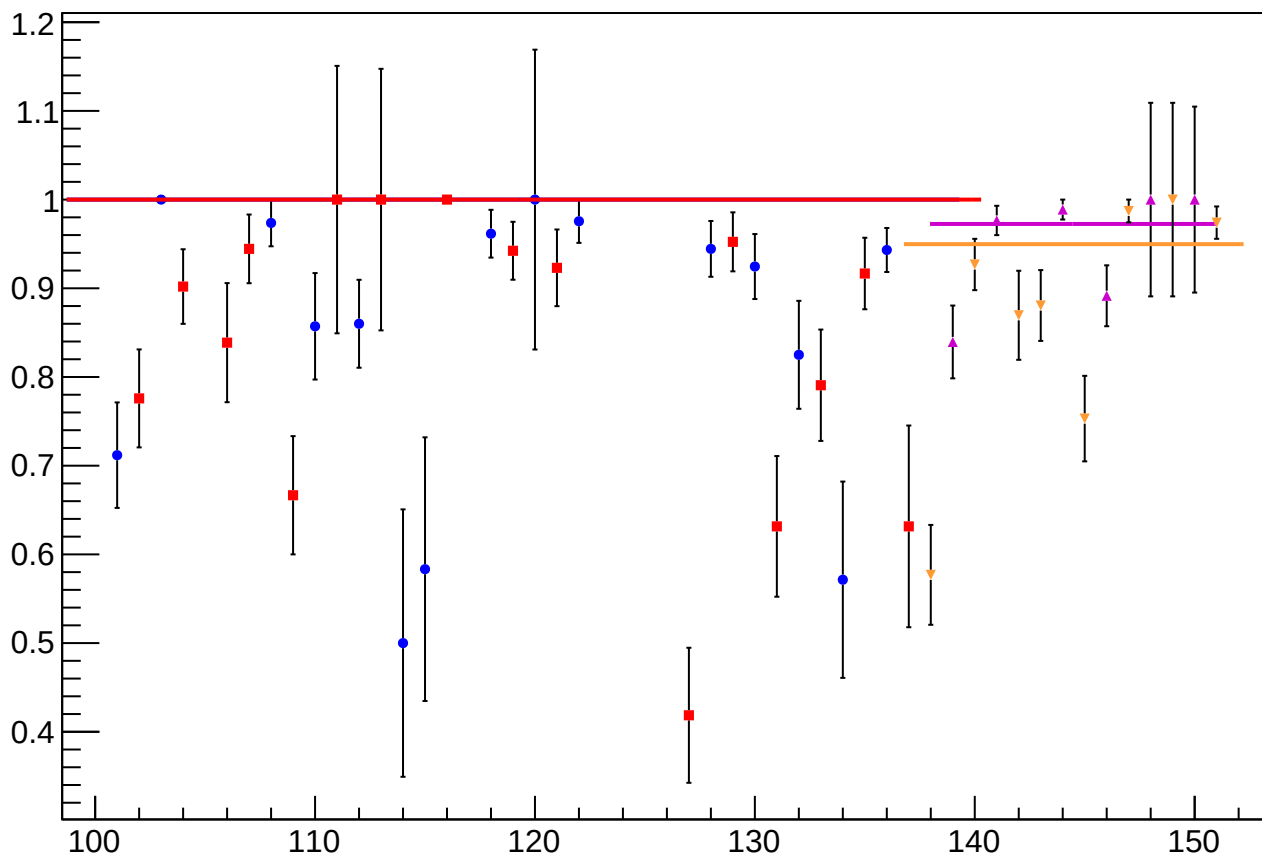
Left In: 0.973 ± 0.009 χ^2/NDF : 18.3/5

+ sign 1.000 ± 0.000 χ^2/NDF : 203.7/22

All: 1.000 ± 0.000 χ^2/NDF : 483.9/44

- sign 1.000 ± 0.000 χ^2/NDF : 197.2/21

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 95.9/14$

Left Out: 0.950 ± 0.009 $\chi^2/\text{NDF}: 77.2/7$

Right Out: 1.000 ± 0.000 $\chi^2/\text{NDF}: 168.9/15$

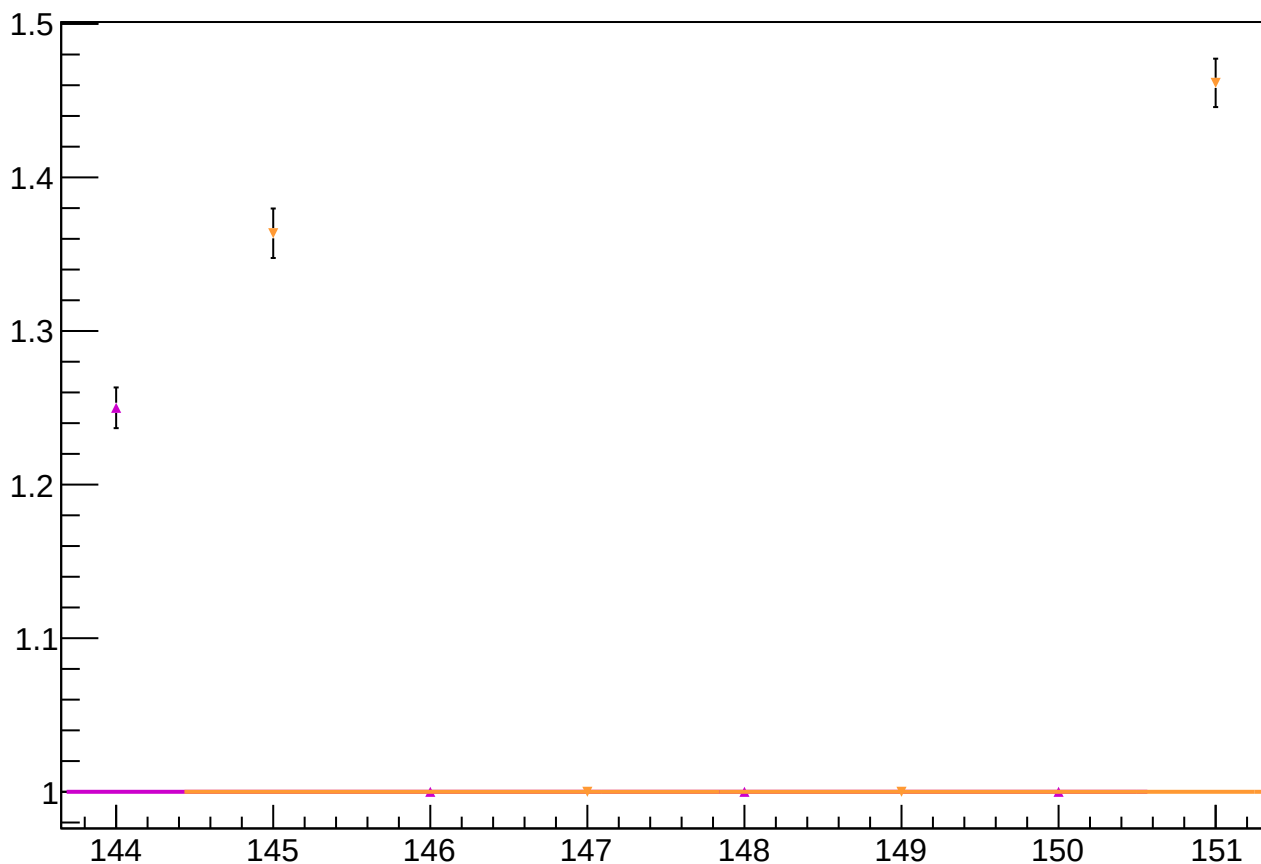
Left In: 0.973 ± 0.009 $\chi^2/\text{NDF}: 18.3/5$

+ sign 1.000 ± 0.000 $\chi^2/\text{NDF}: 203.7/22$

All: 1.000 ± 0.000 $\chi^2/\text{NDF}: 483.9/44$

- sign 1.000 ± 0.000 $\chi^2/\text{NDF}: 197.2/21$

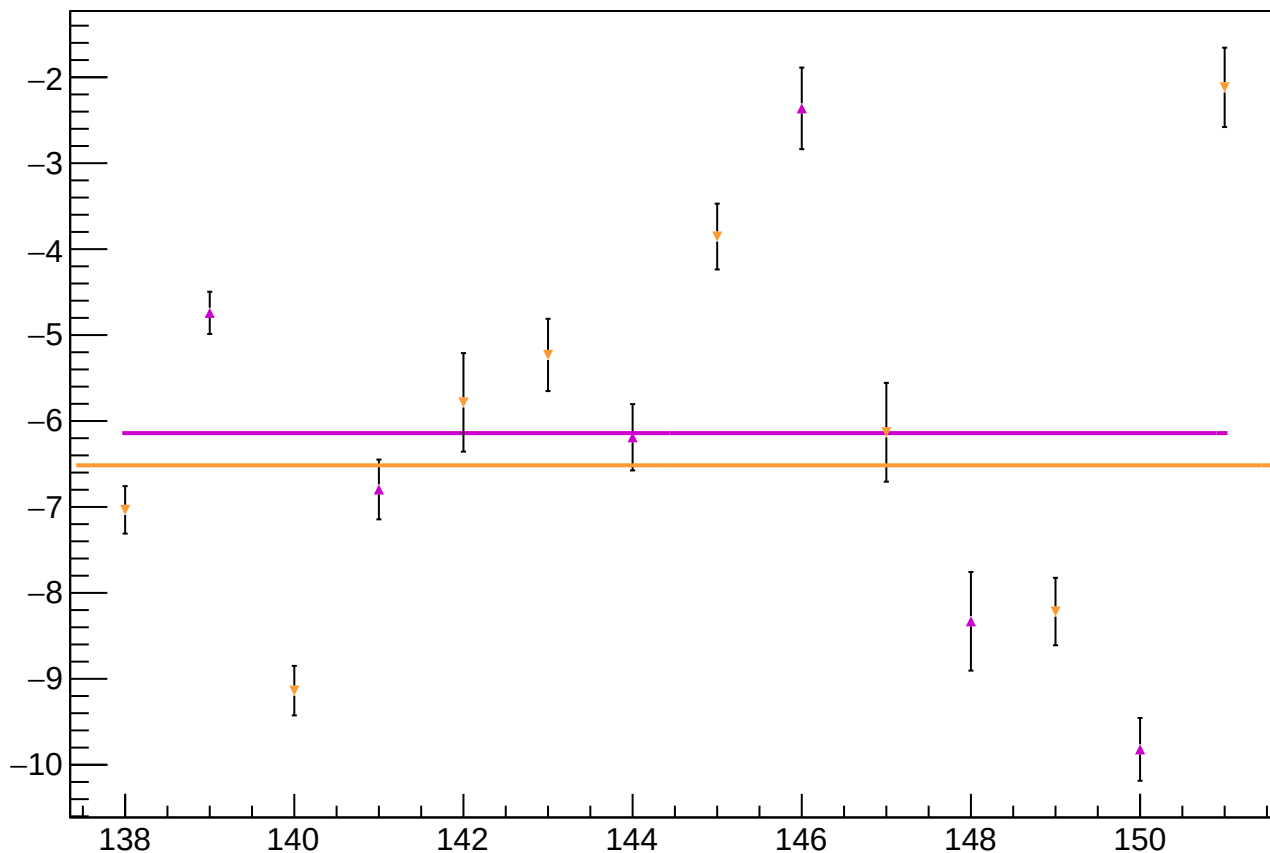
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF :1504.0/3
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF :611.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 4117.7/7
- 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: -6.516+/-0.135 χ^2/NDF : 255.6/7

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

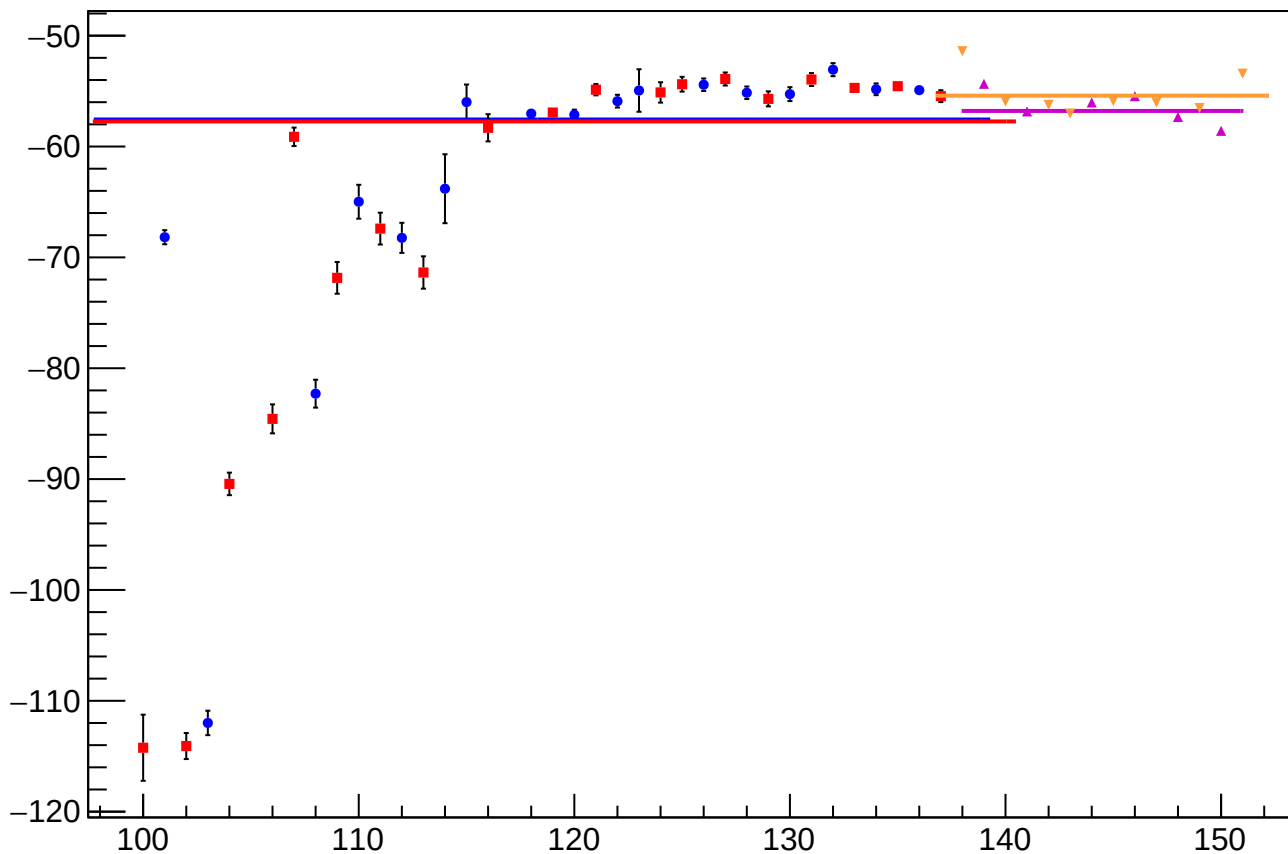
Left In: -6.141+/-0.147 χ^2/NDF : 215.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.344+/-0.099 χ^2/NDF : 474.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.412 ± 0.102 χ^2/NDF : 272.1/7

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

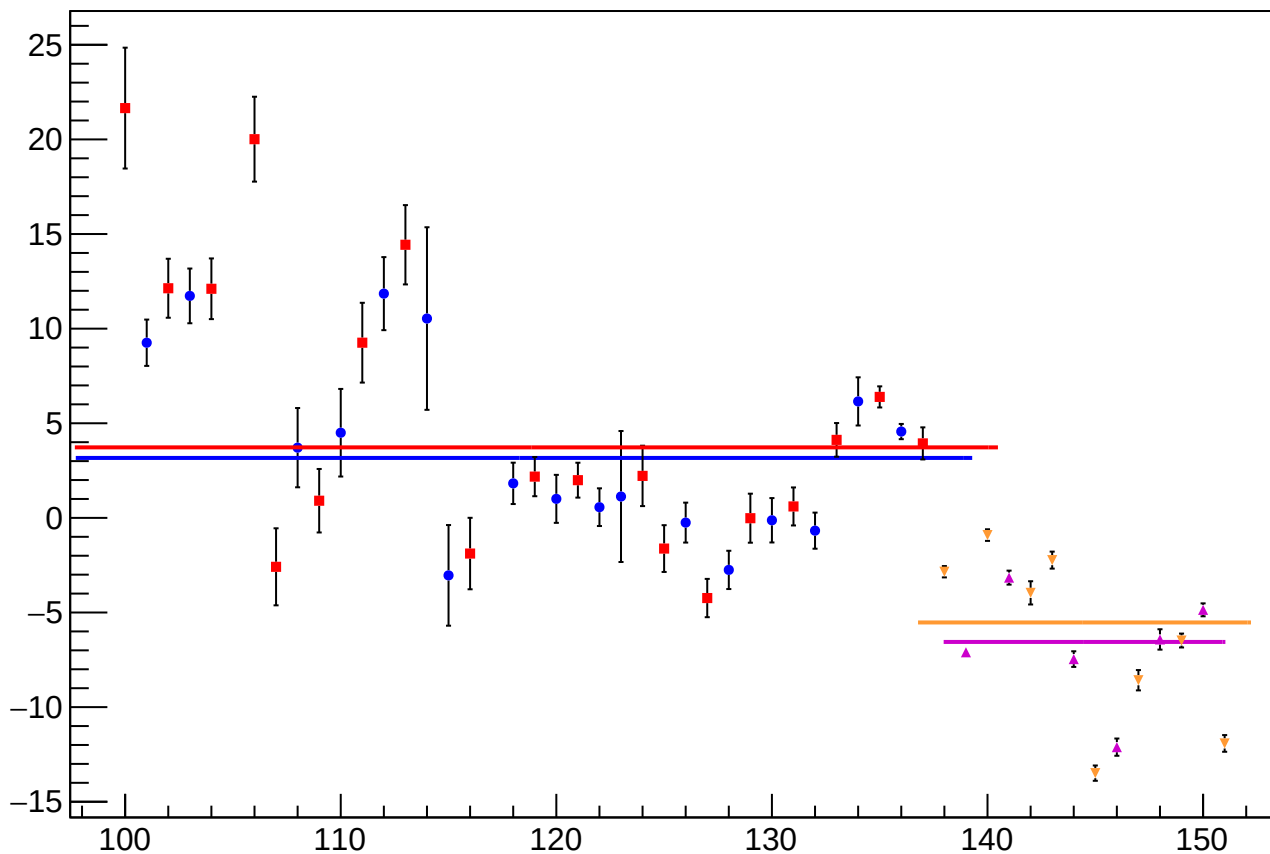
Left In: -56.789 ± 0.117 χ^2/NDF : 112.2/5

+ sign -56.144 ± 0.082 χ^2/NDF : 3880.6/24

All: -56.608 ± 0.061 χ^2/NDF : 8787.5/49

- sign -57.170 ± 0.091 χ^2/NDF : 4836.9/24

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -5.526 ± 0.139 χ^2/NDF : 1003.1/7

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

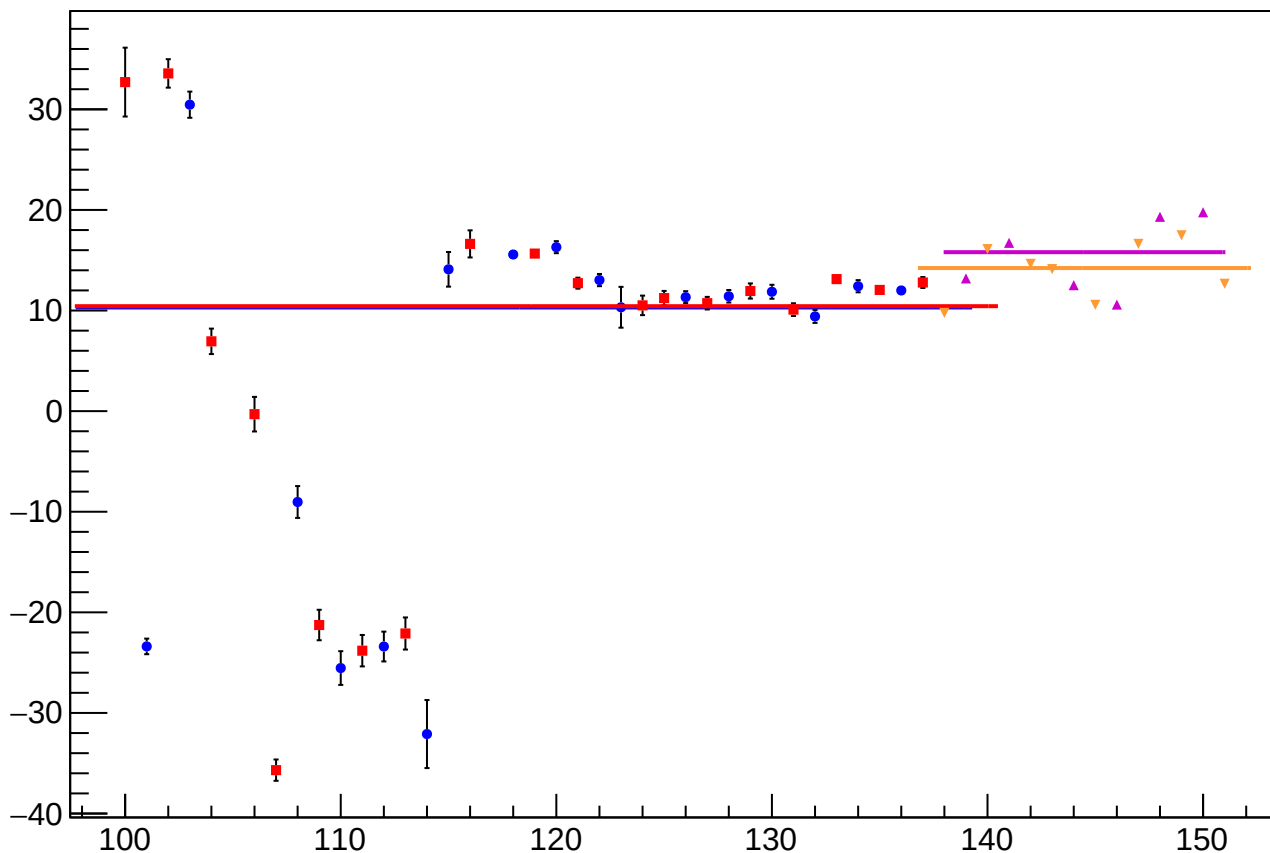
Left In: -6.555 ± 0.151 χ^2/NDF : 267.0/5

+ sign -3.559 ± 0.123 χ^2/NDF : 2069.8/24

All: -3.800 ± 0.090 χ^2/NDF : 3792.8/49

- sign -4.076 ± 0.131 χ^2/NDF : 1714.7/24

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 ± 0.157 $\chi^2/\text{NDF}: 3712.3/16$

Left Out: 14.224 ± 0.123 $\chi^2/\text{NDF}: 475.4/7$

Right Out: 10.433 ± 0.160 $\chi^2/\text{NDF}: 3828.5/18$

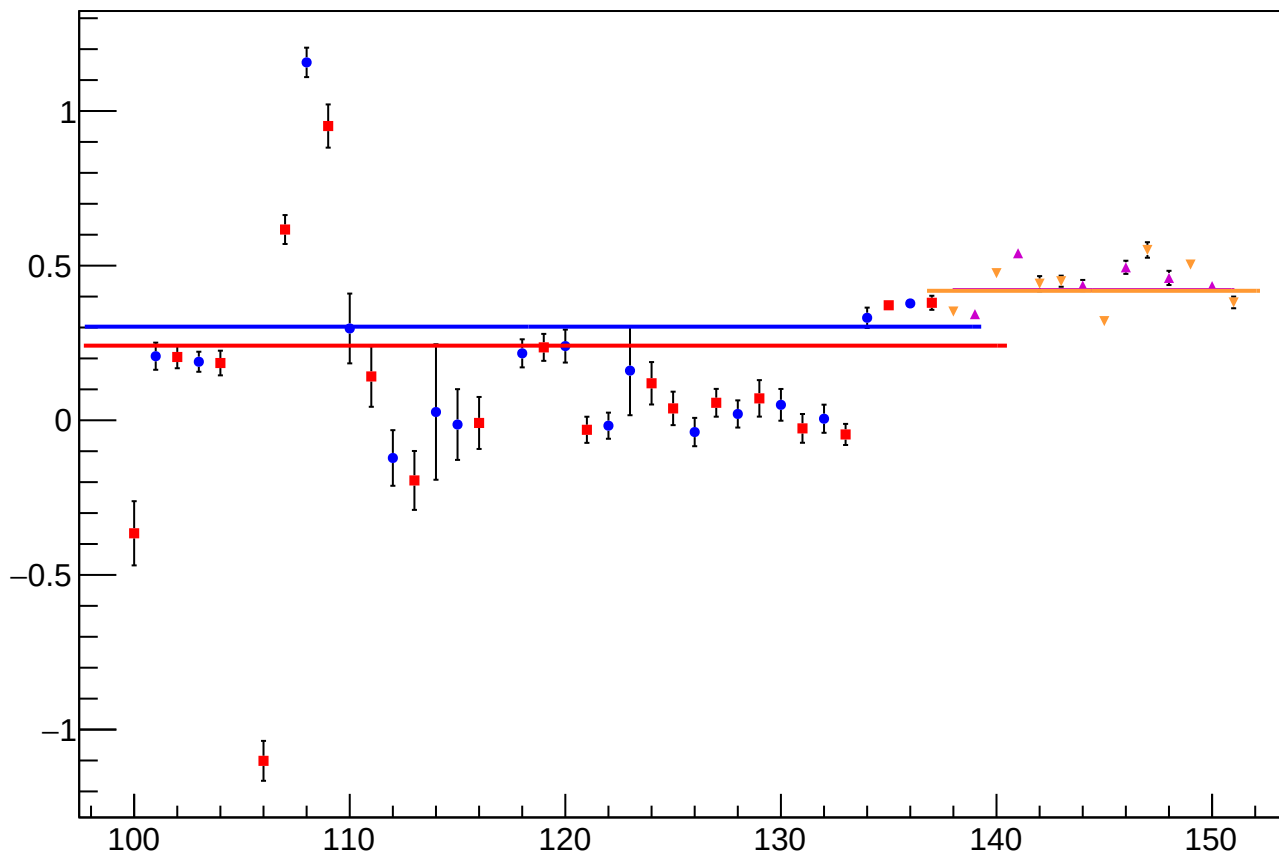
Left In: 15.801 ± 0.140 $\chi^2/\text{NDF}: 604.4/5$

+ sign 12.735 ± 0.097 $\chi^2/\text{NDF}: 4574.9/24$

All: 13.075 ± 0.071 $\chi^2/\text{NDF}: 9674.1/49$

- sign 13.478 ± 0.105 $\chi^2/\text{NDF}: 5072.2/24$

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.419 ± 0.006 χ^2/NDF : 154.5/7

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

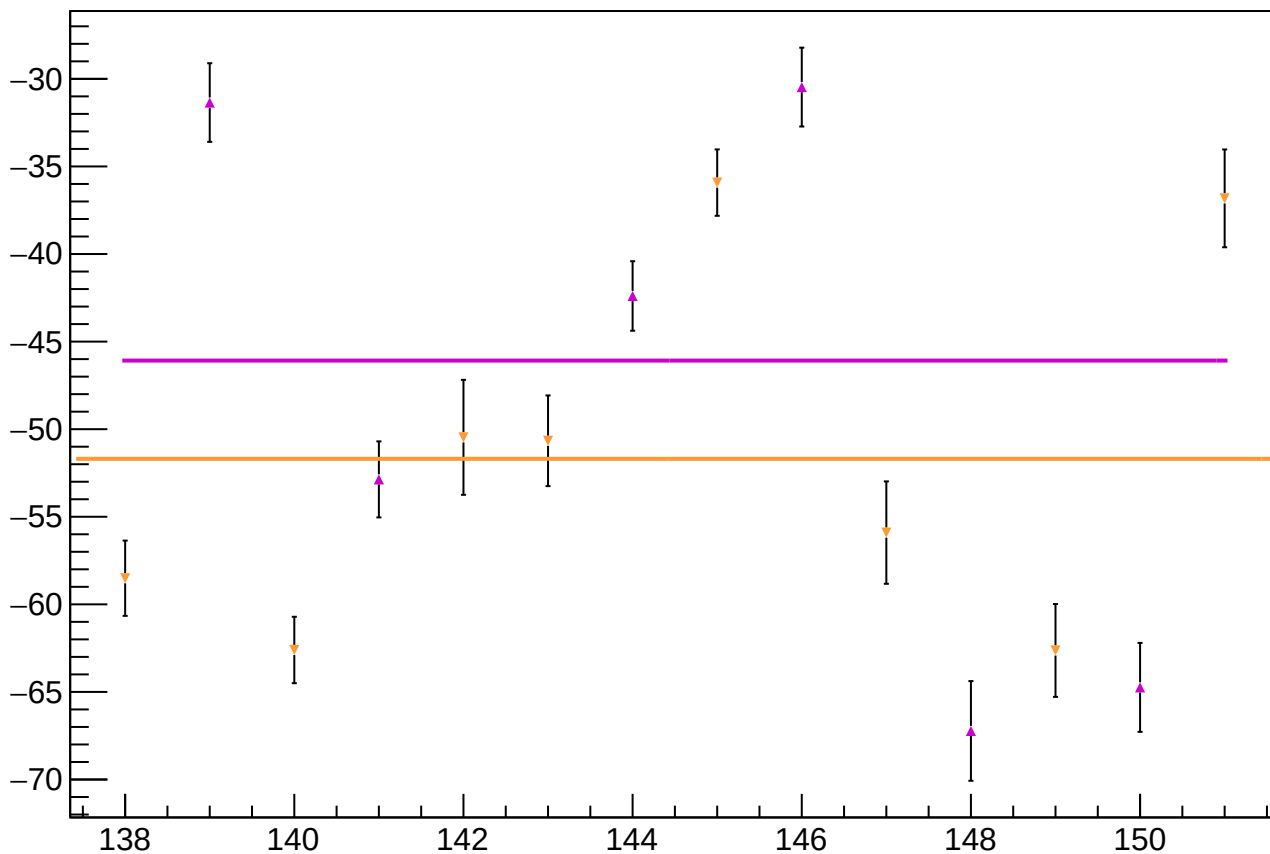
Left In: 0.421 ± 0.006 χ^2/NDF : 149.0/5

+ sign 0.380 ± 0.005 χ^2/NDF : 935.3/24

All: 0.371 ± 0.003 χ^2/NDF : 2378.4/49

- sign 0.361 ± 0.005 χ^2/NDF : 1435.2/24

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -51.693 $\pm$ 0.844 χ^2 /NDF:160.2/7

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

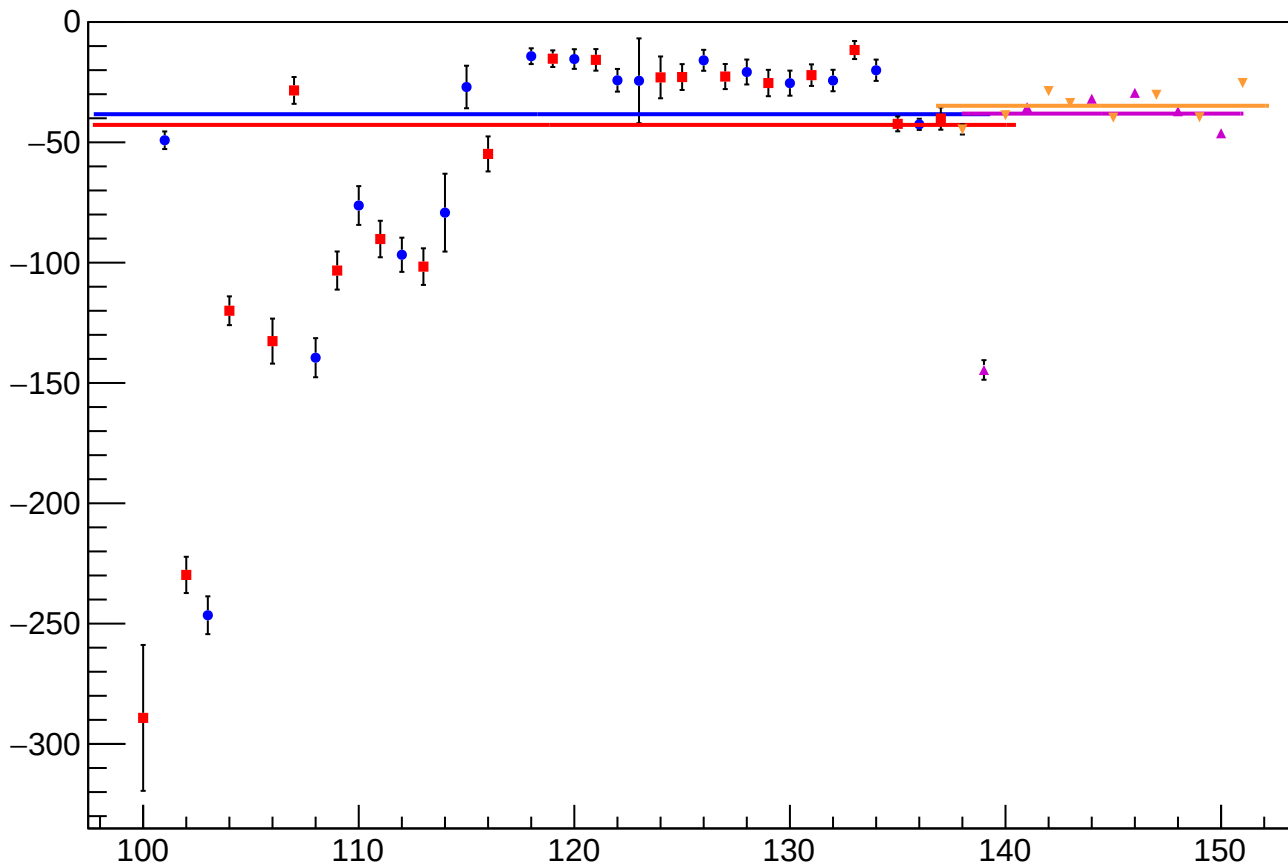
Left In: -46.083 $\pm$ 0.936 χ^2 /NDF:213.6/5

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

All: -49.178 $\pm$ 0.627 χ^2 /NDF: 393.6/13

- sign 0.000 $\pm$ 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: -34.807 ± 0.592 $\chi^2/\text{NDF}: 99.3/7$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

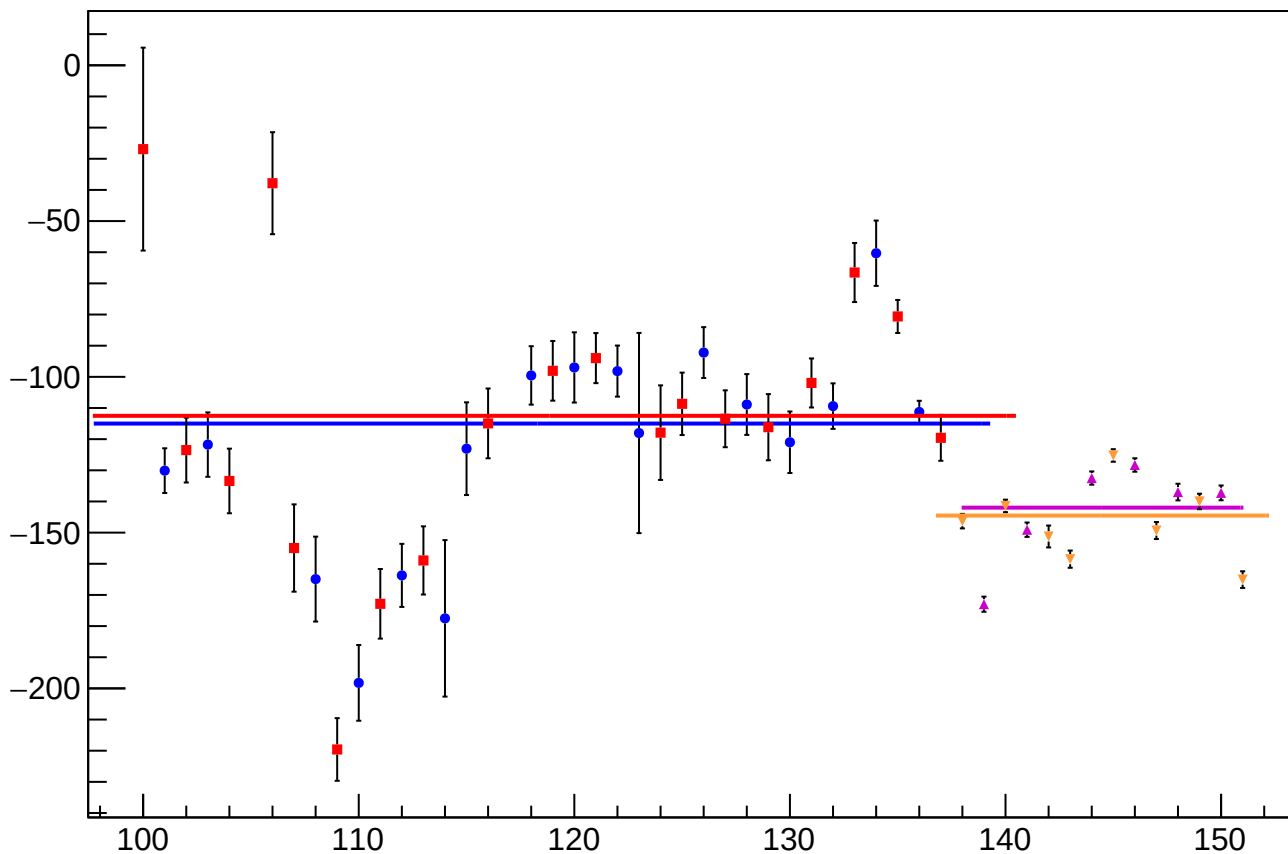
Left In: -38.064 ± 0.651 $\chi^2/\text{NDF}: 768.8/5$

+ sign -35.554 ± 0.525 $\chi^2/\text{NDF}: 1239.4/24$

All: -37.178 ± 0.387 $\chi^2/\text{NDF}: 3382.5/49$

- sign -39.118 ± 0.574 $\chi^2/\text{NDF}: 2122.0/24$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -144.522 ± 0.869 $\chi^2/\text{NDF}: 189.3/7$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

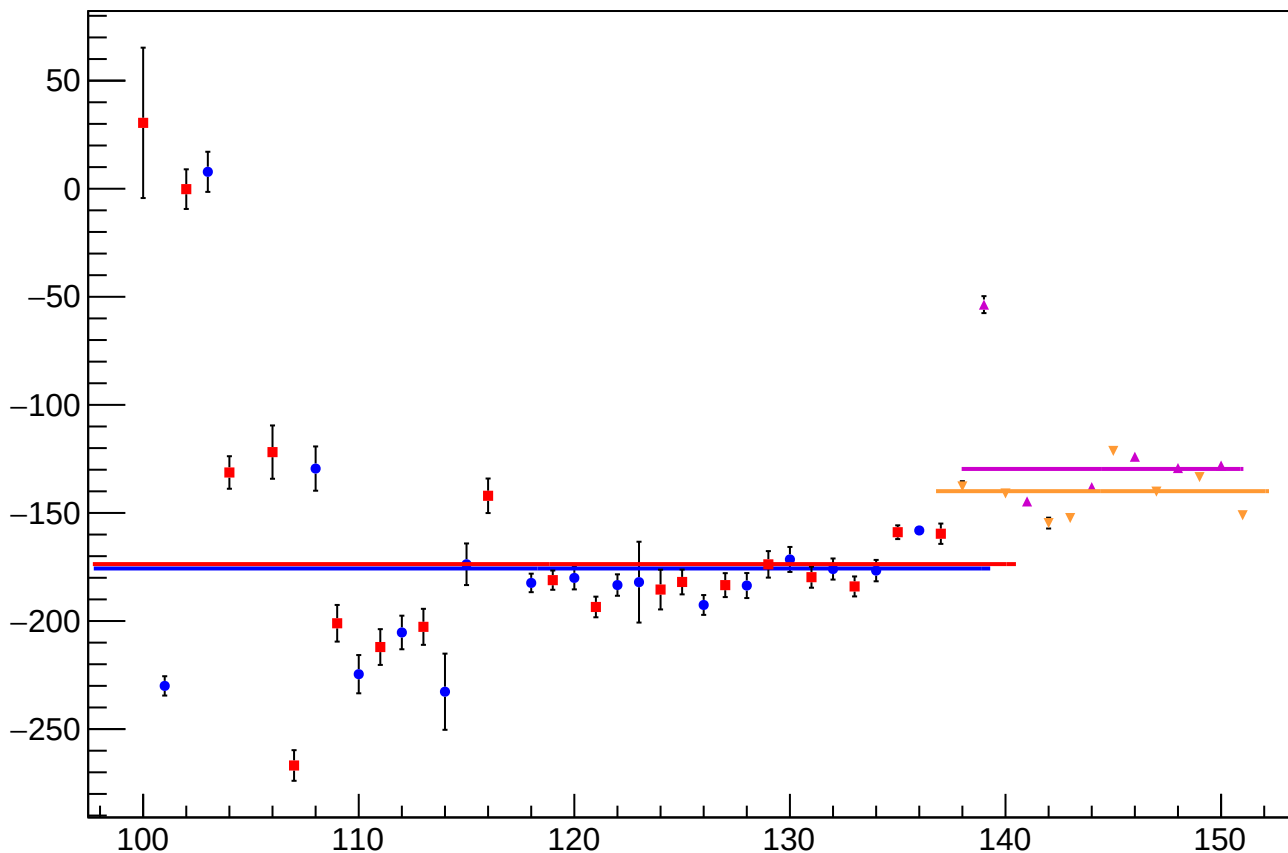
Left In: -141.983 ± 0.949 $\chi^2/\text{NDF}: 240.1/5$

+ sign -140.108 ± 0.801 $\chi^2/\text{NDF}: 503.7/24$

All: -138.861 ± 0.590 $\chi^2/\text{NDF}: 1172.8/49$

- sign -137.386 ± 0.872 $\chi^2/\text{NDF}: 663.8/24$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -139.925 ± 0.728 χ^2/NDF : 218.7/7

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

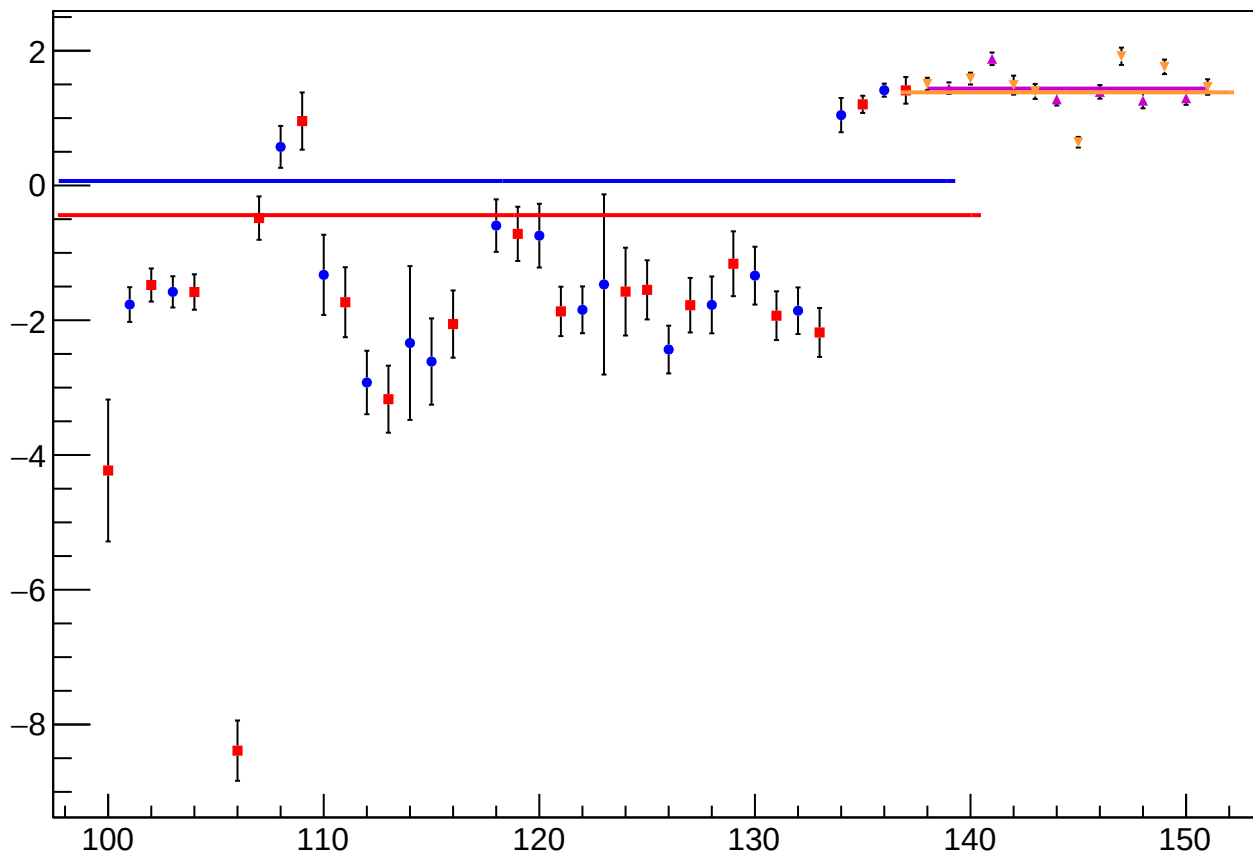
Left In: -129.643 ± 0.801 χ^2/NDF : 477.3/5

+ sign -148.795 ± 0.631 χ^2/NDF : 1510.5/24

All: -145.263 ± 0.466 χ^2/NDF : 3575.4/49

- sign -141.043 ± 0.690 χ^2/NDF : 1996.2/24

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.383 ± 0.036 χ^2/NDF : 125.7/7

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

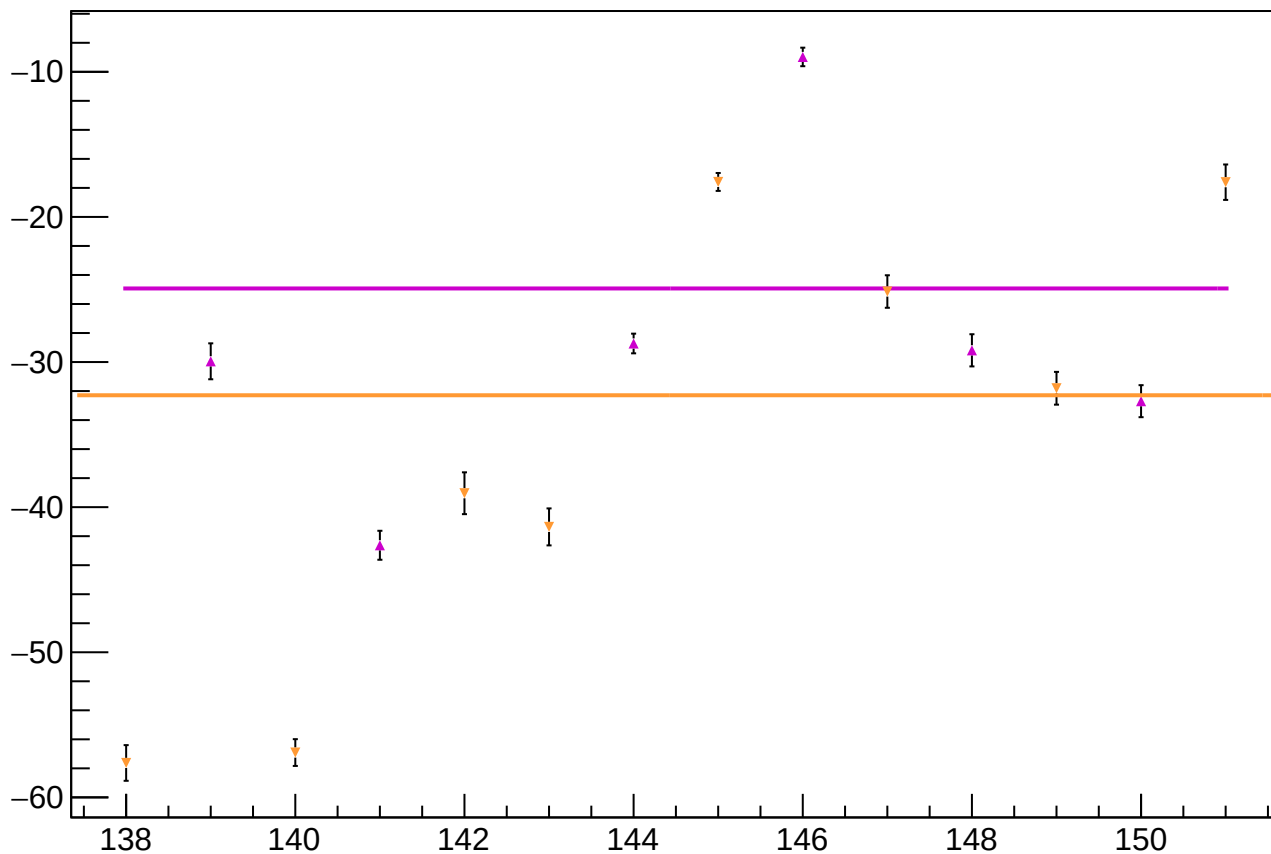
Left In: 1.438 ± 0.039 χ^2/NDF : 30.2/5

+ sign 1.084 ± 0.032 χ^2/NDF : 950.3/24

All: 1.044 ± 0.023 χ^2/NDF : 2273.1/49

- sign 0.998 ± 0.034 χ^2/NDF : 1319.3/24

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.289+/-0.358 χ^2/NDF :1962.5/7

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

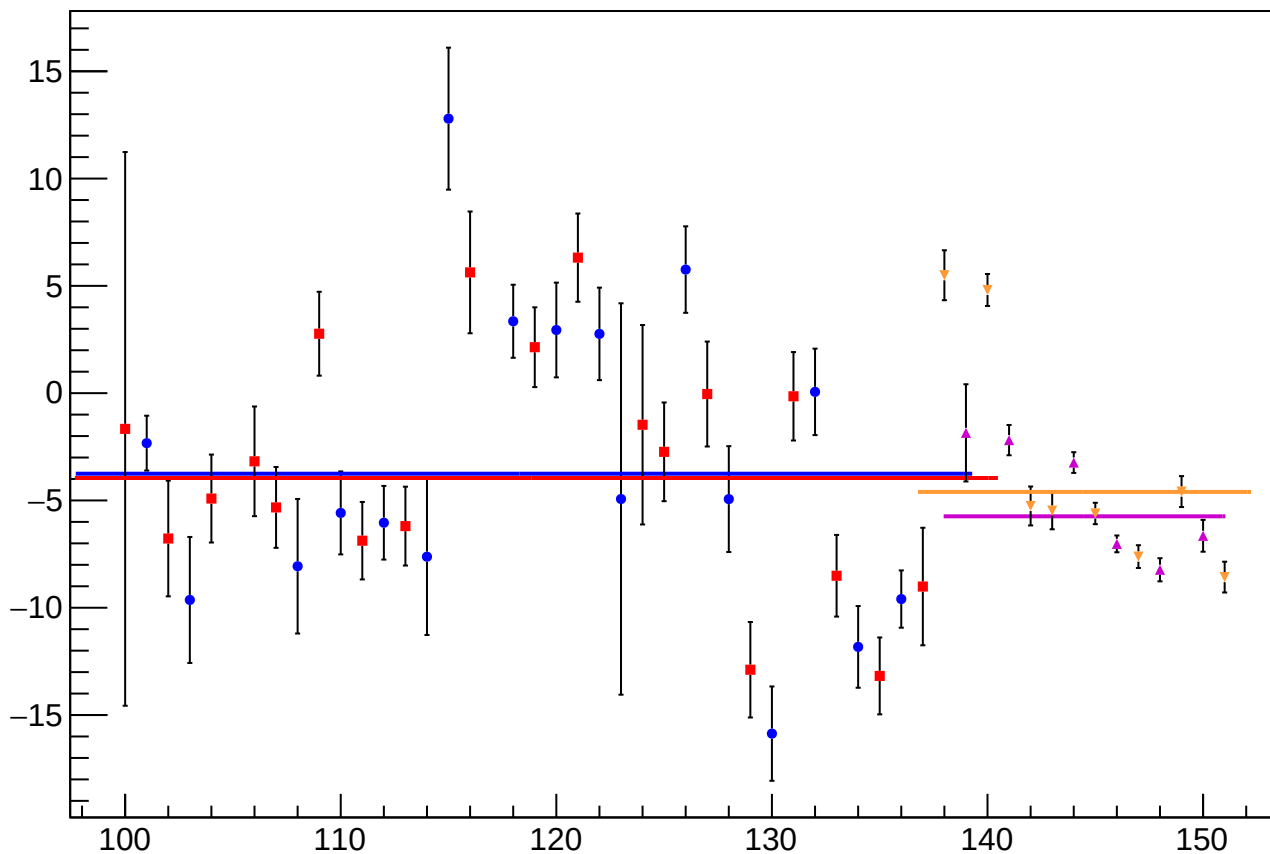
Left In: -24.930+/-0.355 χ^2/NDF :1050.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.584+/-0.252 χ^2/NDF : 3226.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -4.602 ± 0.246 $\chi^2/\text{NDF}: 303.1/7$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

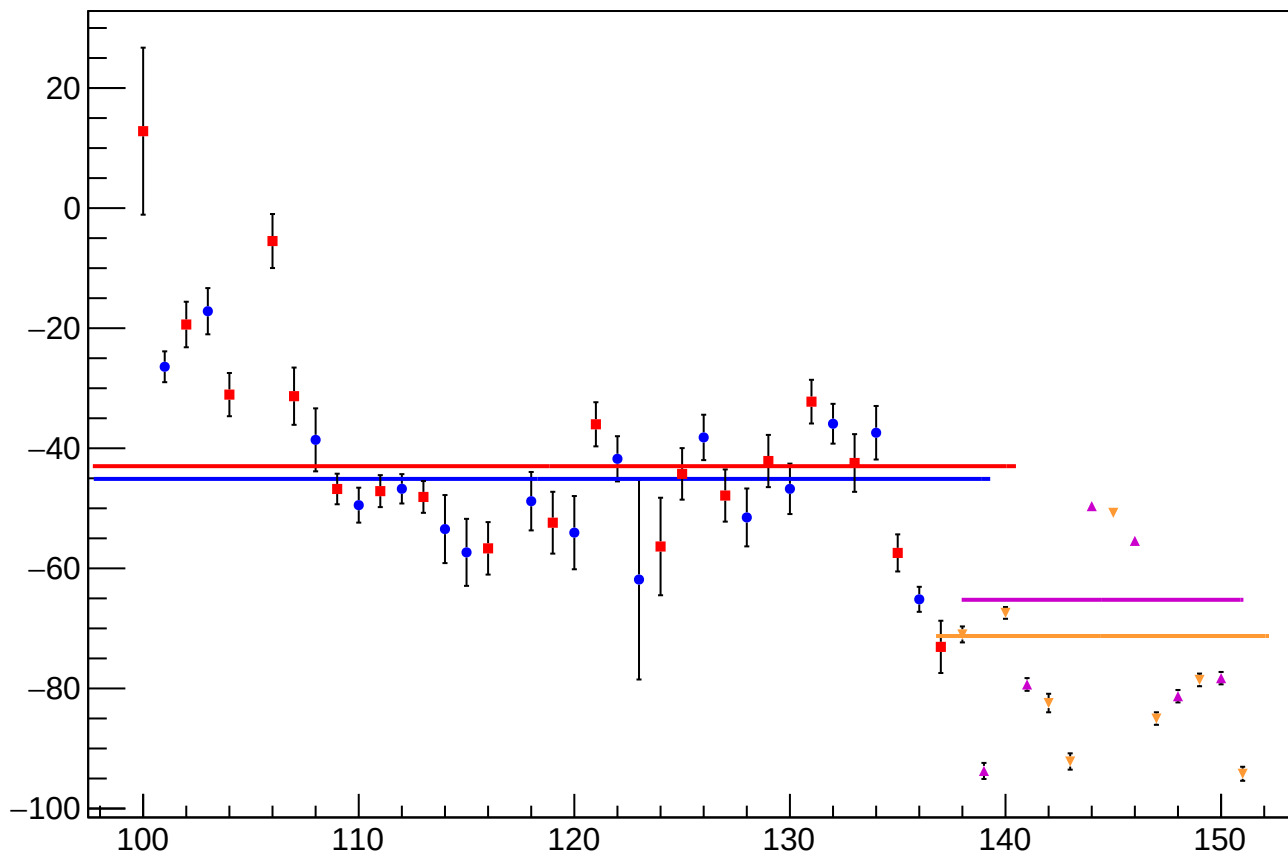
Left In: -5.740 ± 0.234 $\chi^2/\text{NDF}: 88.9/5$

+ sign -4.434 ± 0.220 $\chi^2/\text{NDF}: 470.8/24$

All: -4.949 ± 0.153 $\chi^2/\text{NDF}: 703.8/49$

- sign -5.427 ± 0.212 $\chi^2/\text{NDF}: 222.5/24$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -71.266 ± 0.367 χ^2/NDF : 1889.4/7

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

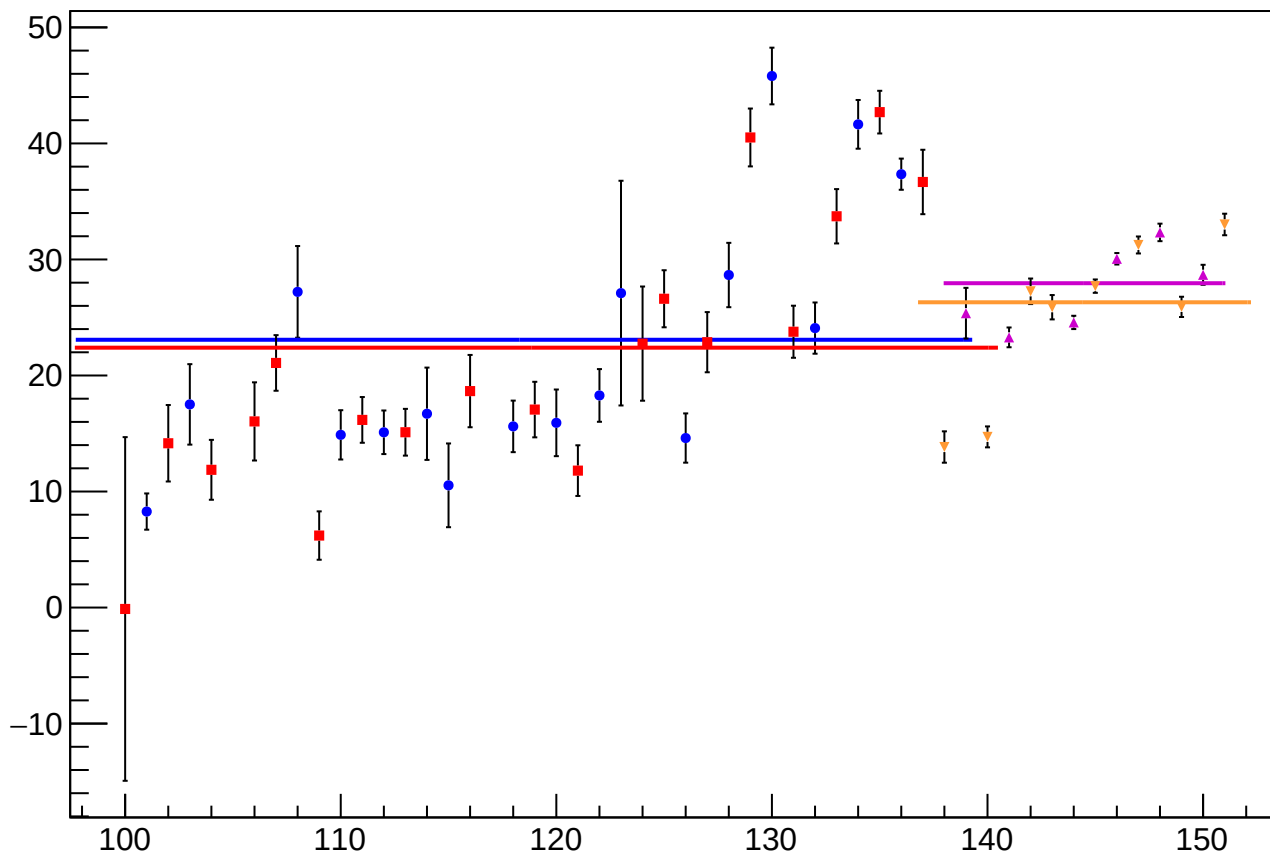
Left In: -65.233 ± 0.357 χ^2/NDF : 1745.8/5

+ sign -67.399 ± 0.339 χ^2/NDF : 2871.2/24

All: -64.672 ± 0.236 χ^2/NDF : 5544.5/49

- sign -62.077 ± 0.330 χ^2/NDF : 2546.8/24

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF : 461.1/16

Left Out: 26.310+/-0.303 χ^2/NDF : 355.0/7

Right Out: 22.397+/-0.572 χ^2/NDF : 370.3/18

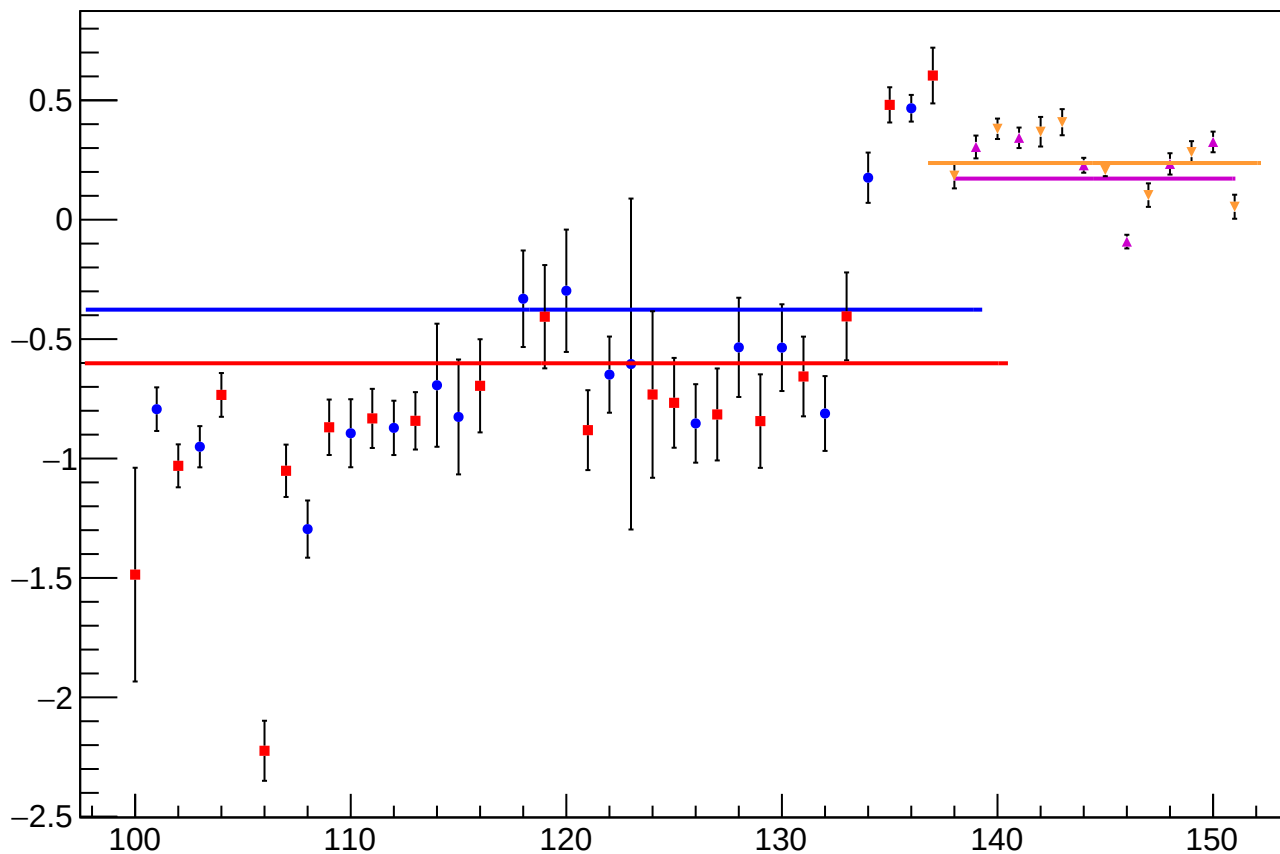
Left In: 27.953+/-0.291 χ^2/NDF : 118.7/5

+ sign 25.568+/-0.266 χ^2/NDF : 842.1/24

All: 26.207+/-0.186 χ^2/NDF : 1417.2/49

- sign 26.813+/-0.259 χ^2/NDF : 563.9/24

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.237 ± 0.015 χ^2/NDF : 49.4/7

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

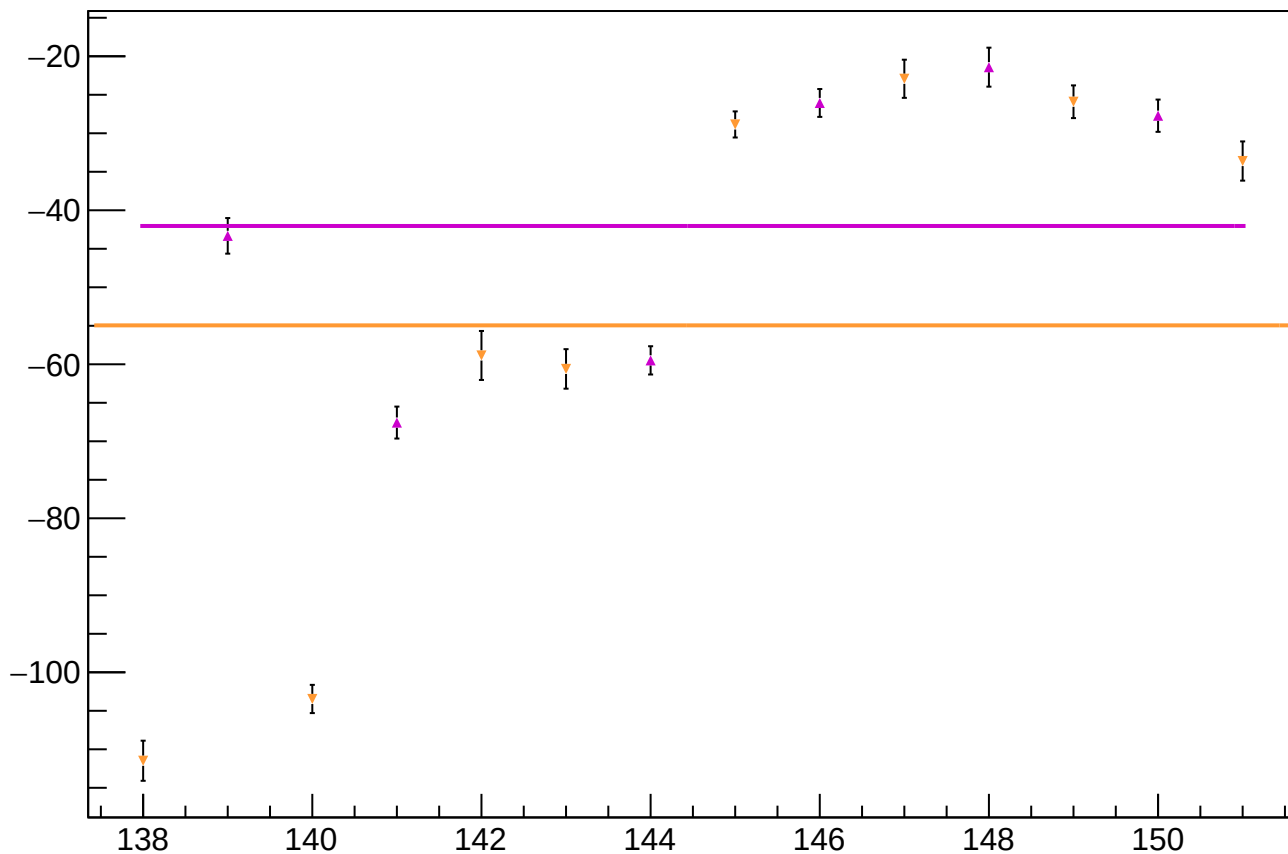
Left In: 0.172 ± 0.015 χ^2/NDF : 125.9/5

+ sign 0.111 ± 0.014 χ^2/NDF : 818.0/24

All: 0.063 ± 0.010 χ^2/NDF : 2047.4/49

- sign 0.014 ± 0.014 χ^2/NDF : 1203.7/24

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -54.946+/-0.795 χ^2/NDF : 1839.8/7

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

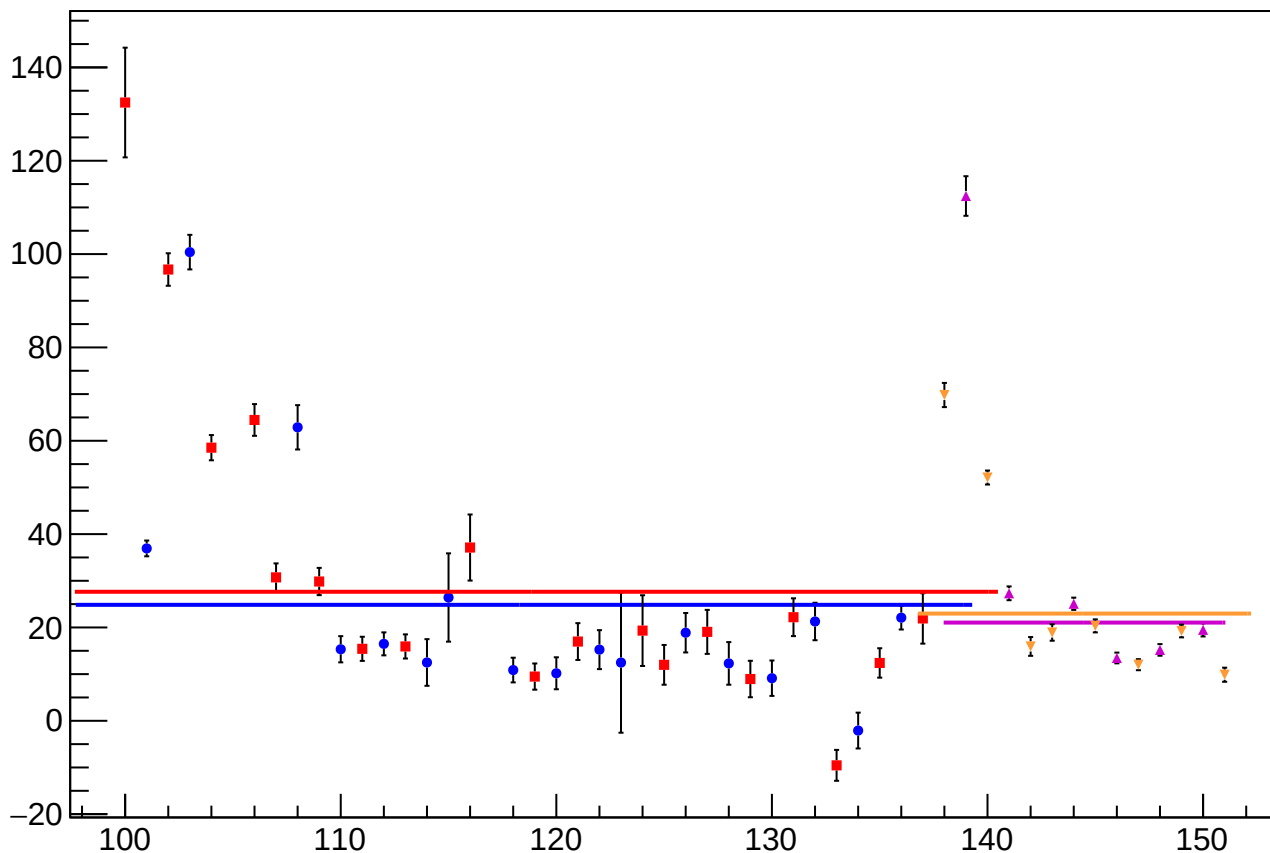
Left In: -42.039+/-0.844 χ^2/NDF : 433.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.875+/-0.579 χ^2/NDF : 2397.0/13

- 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: 22.974 $\pm$ 0.545 χ^2 /NDF: 893.4/7

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

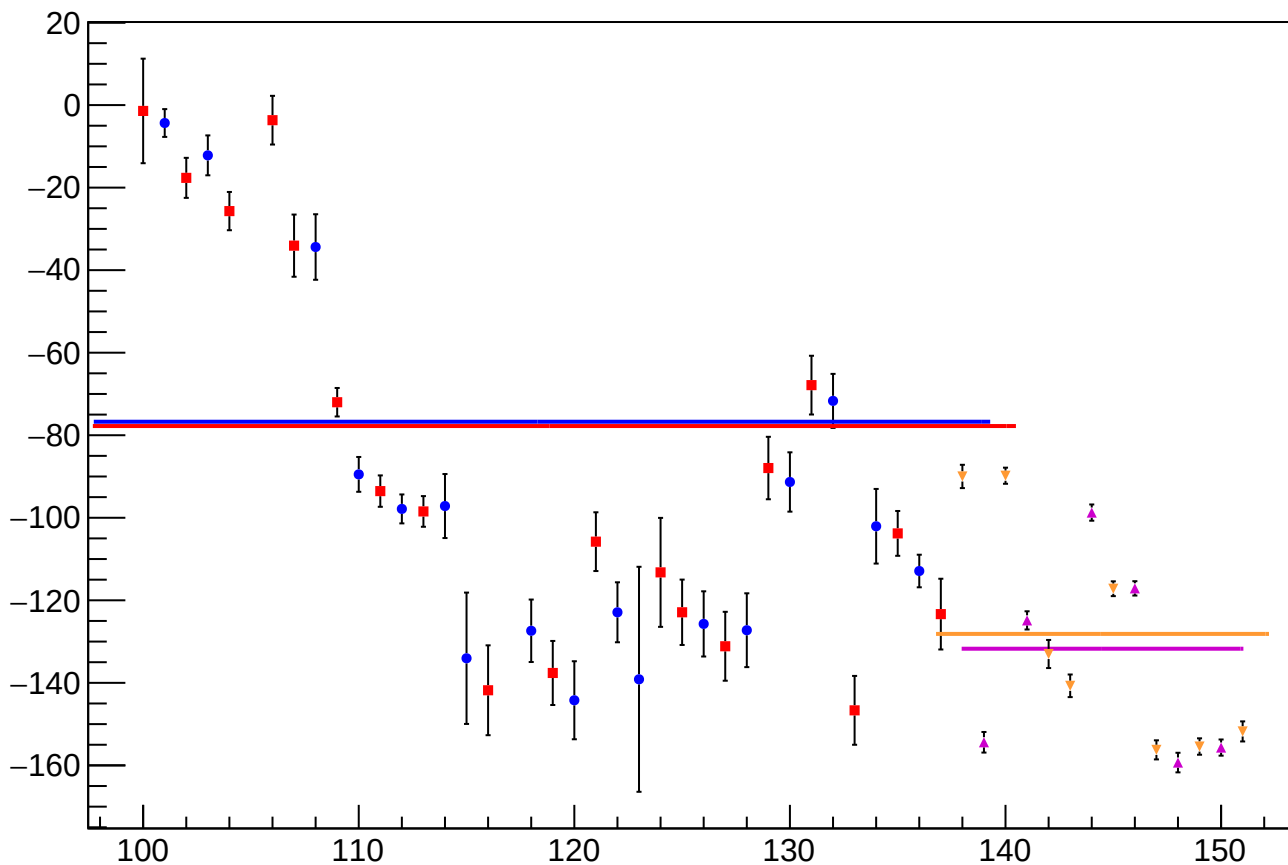
Left In: 21.045 $\pm$ 0.578 χ^2 /NDF: 558.4/5

+ sign 23.568 $\pm$ 0.451 χ^2 /NDF: 1588.0/24

All: 23.426 $\pm$ 0.326 χ^2 /NDF: 3199.8/49

- sign 23.271 $\pm$ 0.471 χ^2 /NDF: 1611.6/24

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -128.142 ± 0.809 χ^2/NDF : 1059.3/7

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

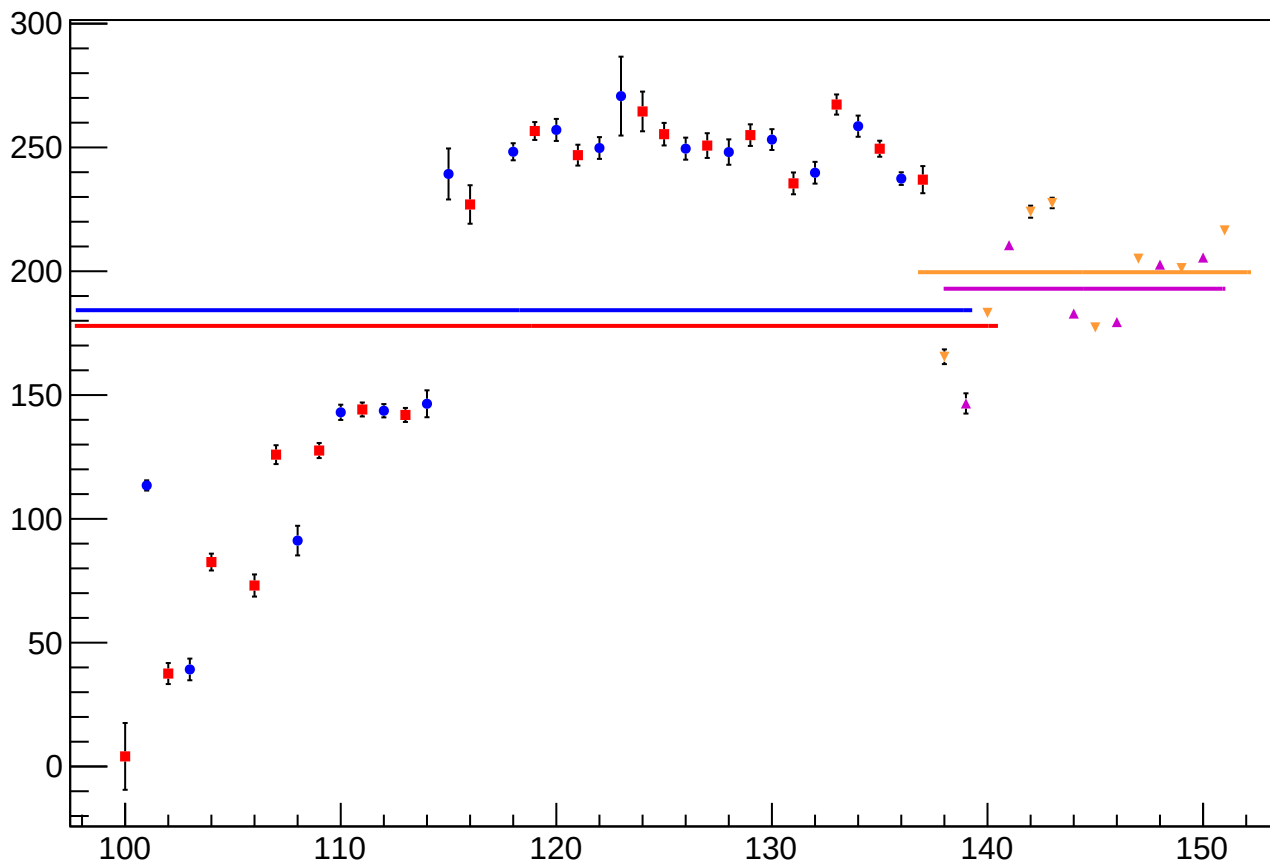
Left In: -131.731 ± 0.847 χ^2/NDF : 728.7/5

+ sign -115.440 ± 0.702 χ^2/NDF : 3099.3/24

All: -115.968 ± 0.502 χ^2/NDF : 5844.3/49

- sign -116.520 ± 0.718 χ^2/NDF : 2743.8/24

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 199.616 $\pm$ 0.672 χ^2 /NDF: 769.9/7

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

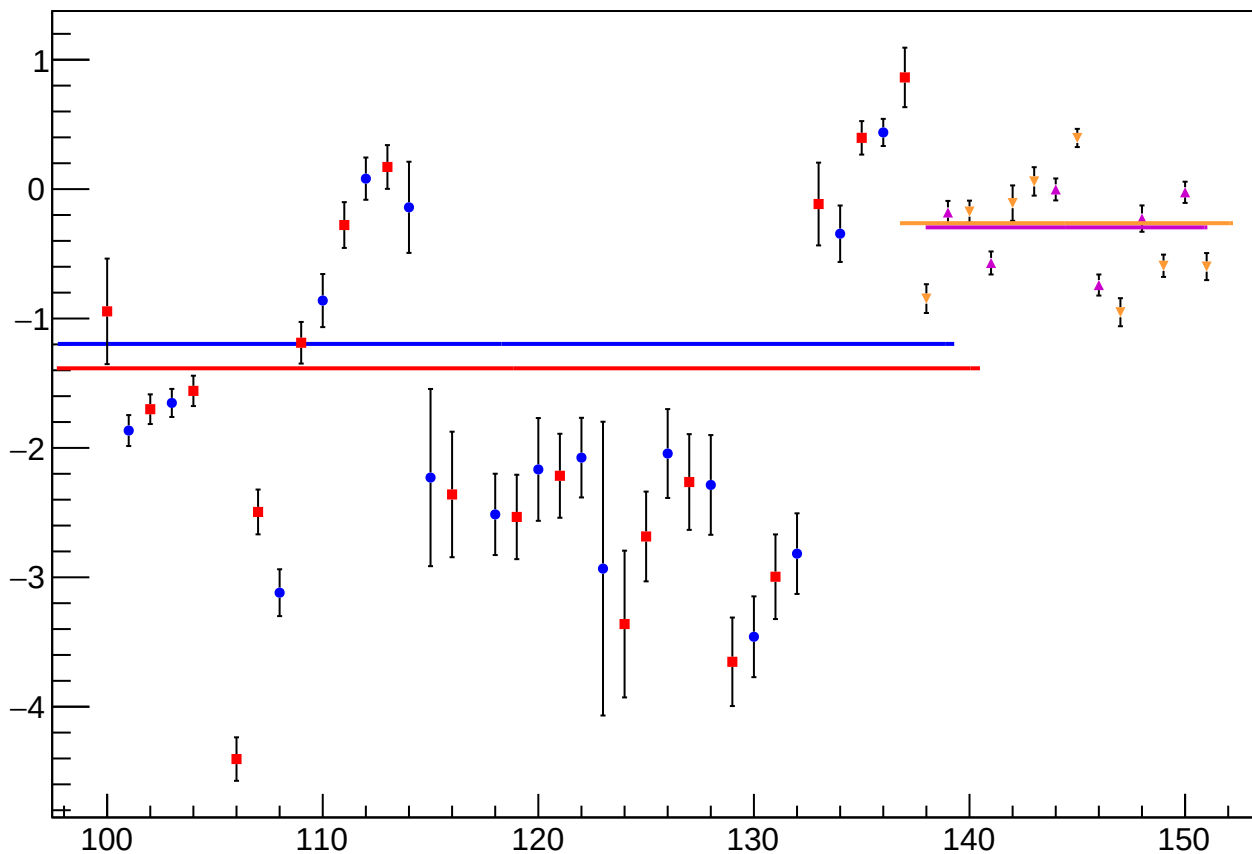
Left In: 192.941 $\pm$ 0.710 χ^2 /NDF: 447.0/5

+ sign 194.226 $\pm$ 0.542 χ^2 /NDF: 6353.8/24

All: 190.930 $\pm$ 0.390 χ^2 /NDF: 13374.7/49

- sign 187.369 $\pm$ 0.563 χ^2 /NDF: 6943.9/24

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.263 ± 0.034 χ^2/NDF : 191.3/7

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

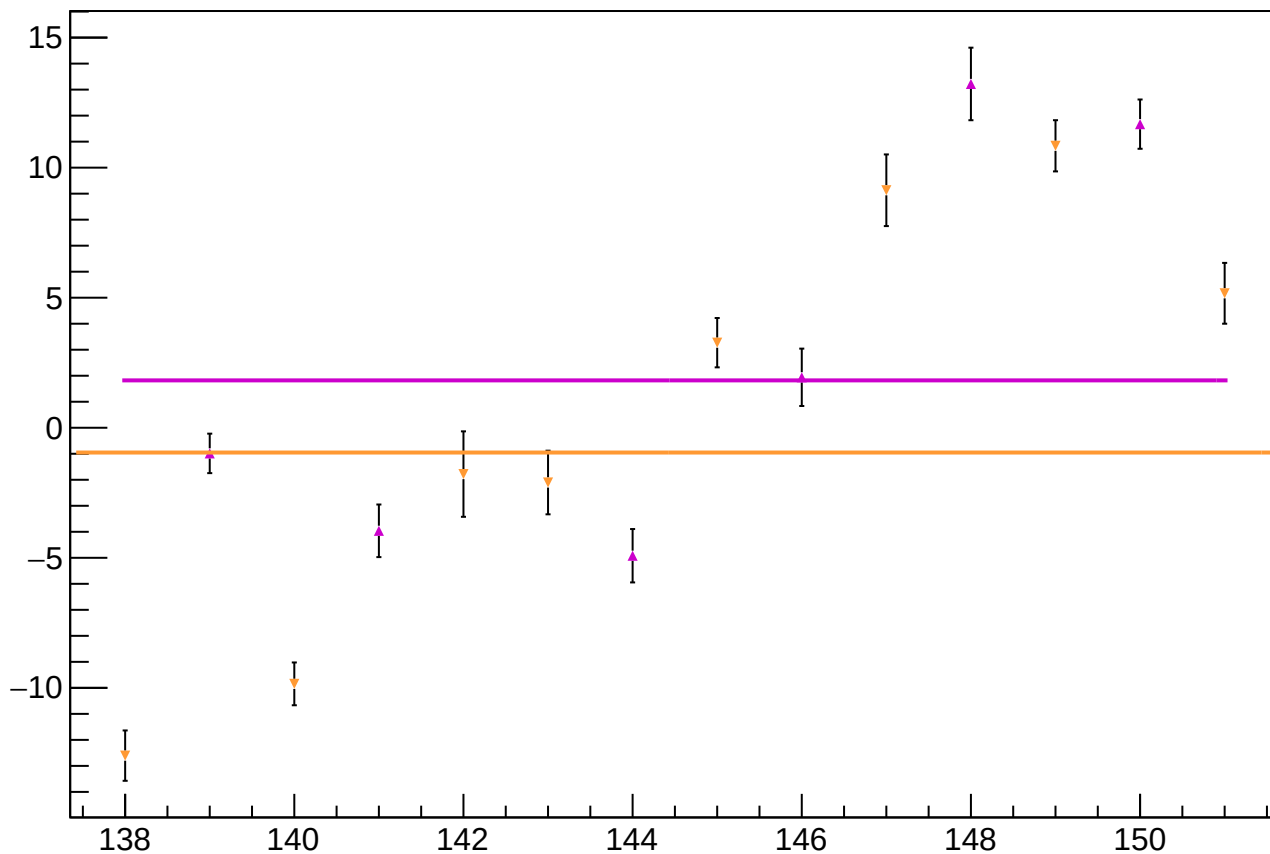
Left In: -0.295 ± 0.036 χ^2/NDF : 64.5/5

+ sign -0.573 ± 0.028 χ^2/NDF : 1066.0/24

All: -0.639 ± 0.020 χ^2/NDF : 2418.8/49

- sign -0.707 ± 0.028 χ^2/NDF : 1341.4/24

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -0.952 $\pm$ 0.378 χ^2 /NDF: 507.4/7

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

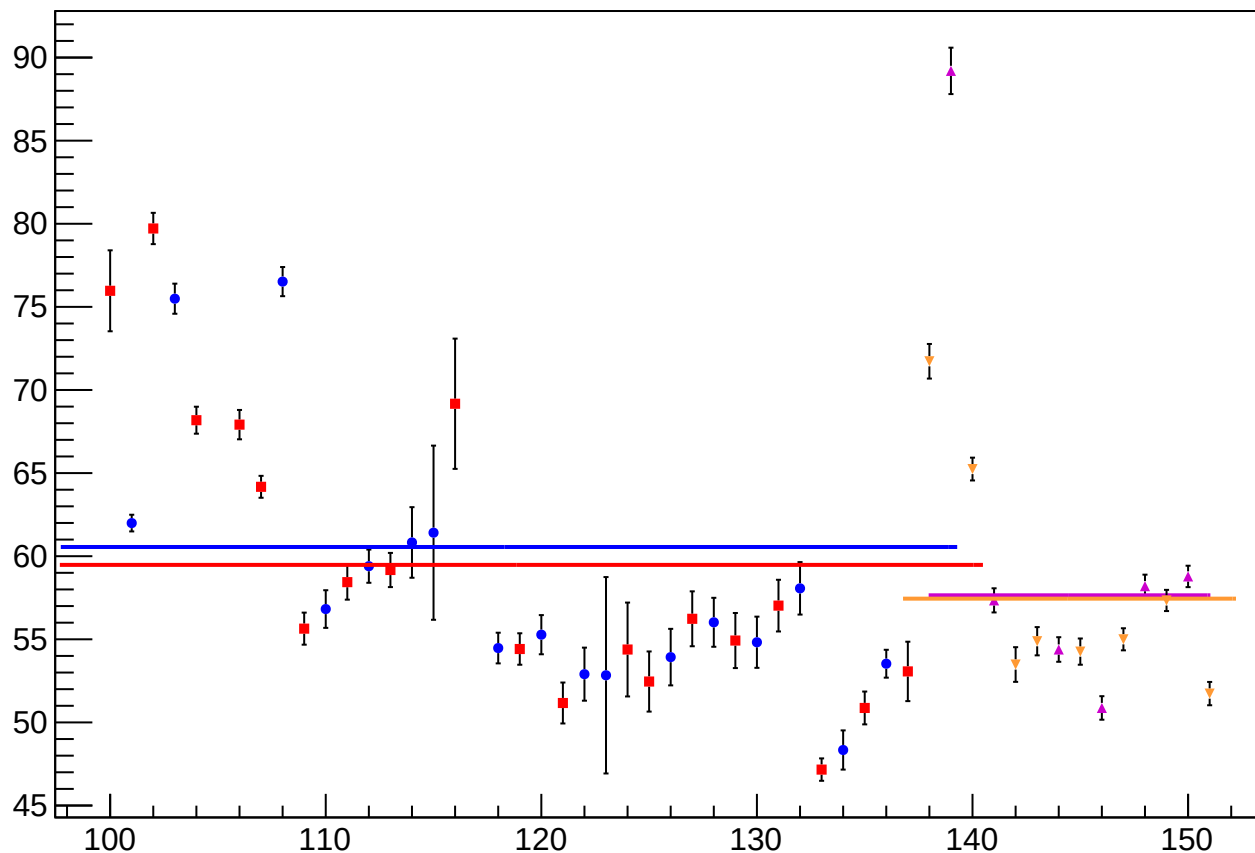
Left In: 1.821 $\pm$ 0.404 χ^2 /NDF: 264.5/5

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

All: 0.342 $\pm$ 0.276 χ^2 /NDF: 797.0/13

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

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 57.446 ± 0.270 $\chi^2/\text{NDF}: 436.9/7$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

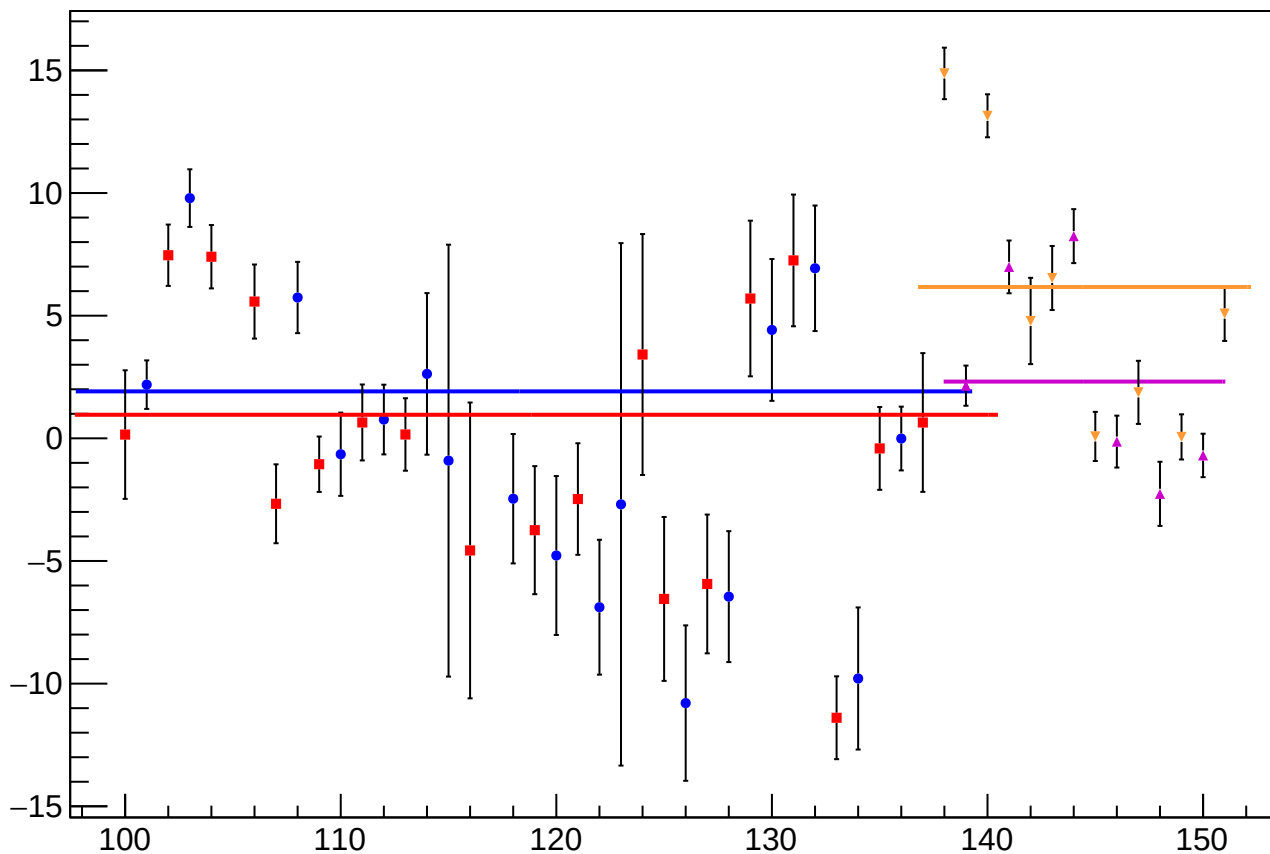
Left In: 57.647 ± 0.305 $\chi^2/\text{NDF}: 625.8/5$

+ sign 59.049 ± 0.188 $\chi^2/\text{NDF}: 1436.0/24$

All: 58.903 ± 0.134 $\chi^2/\text{NDF}: 3401.7/49$

- sign 58.750 ± 0.192 $\chi^2/\text{NDF}: 1964.4/24$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 6.169 ± 0.386 χ^2/NDF : 226.0/7

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

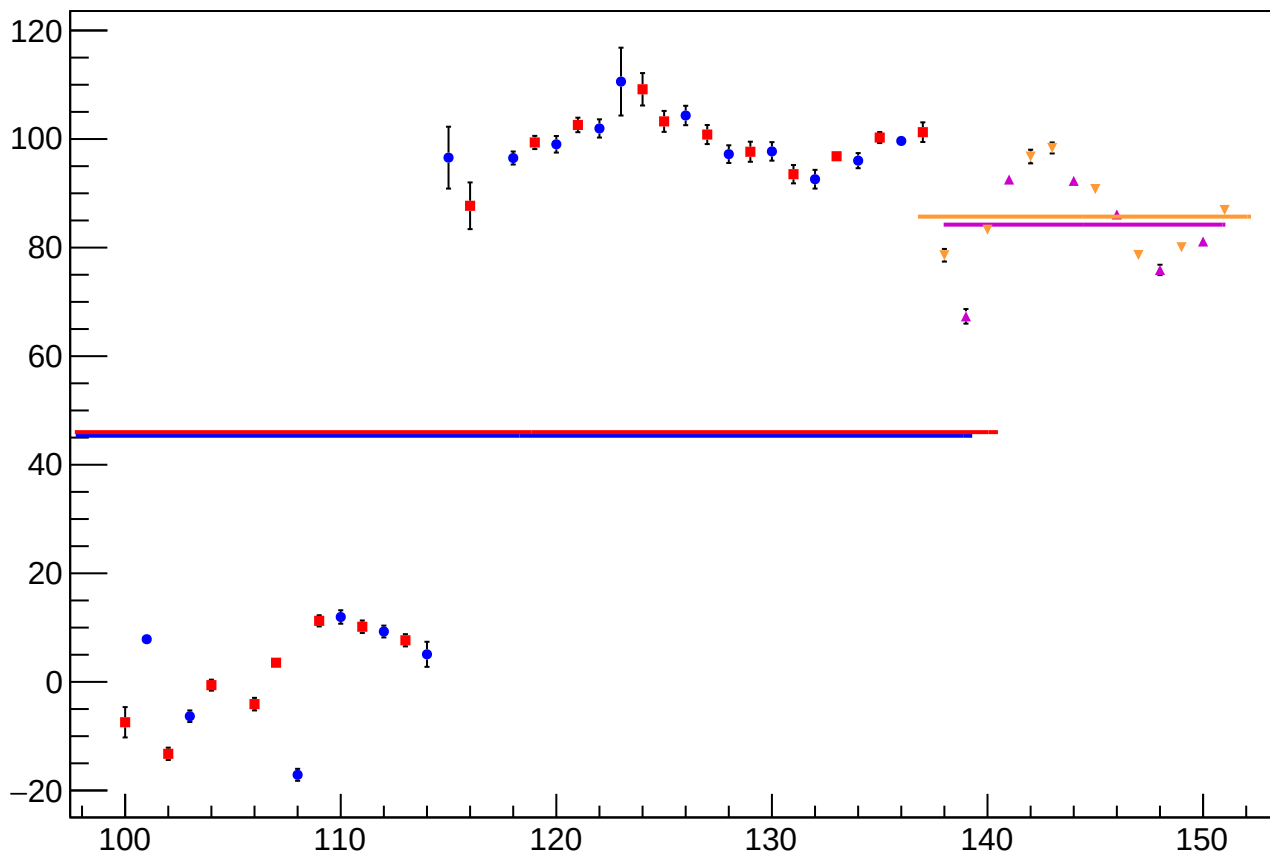
Left In: 2.313 ± 0.410 χ^2/NDF : 77.2/5

+ sign 4.399 ± 0.295 χ^2/NDF : 398.1/24

All: 3.028 ± 0.209 χ^2/NDF : 673.1/49

- sign 1.659 ± 0.295 χ^2/NDF : 231.9/24

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 85.709 $\pm$ 0.330 χ^2 /NDF: 426.0/7

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

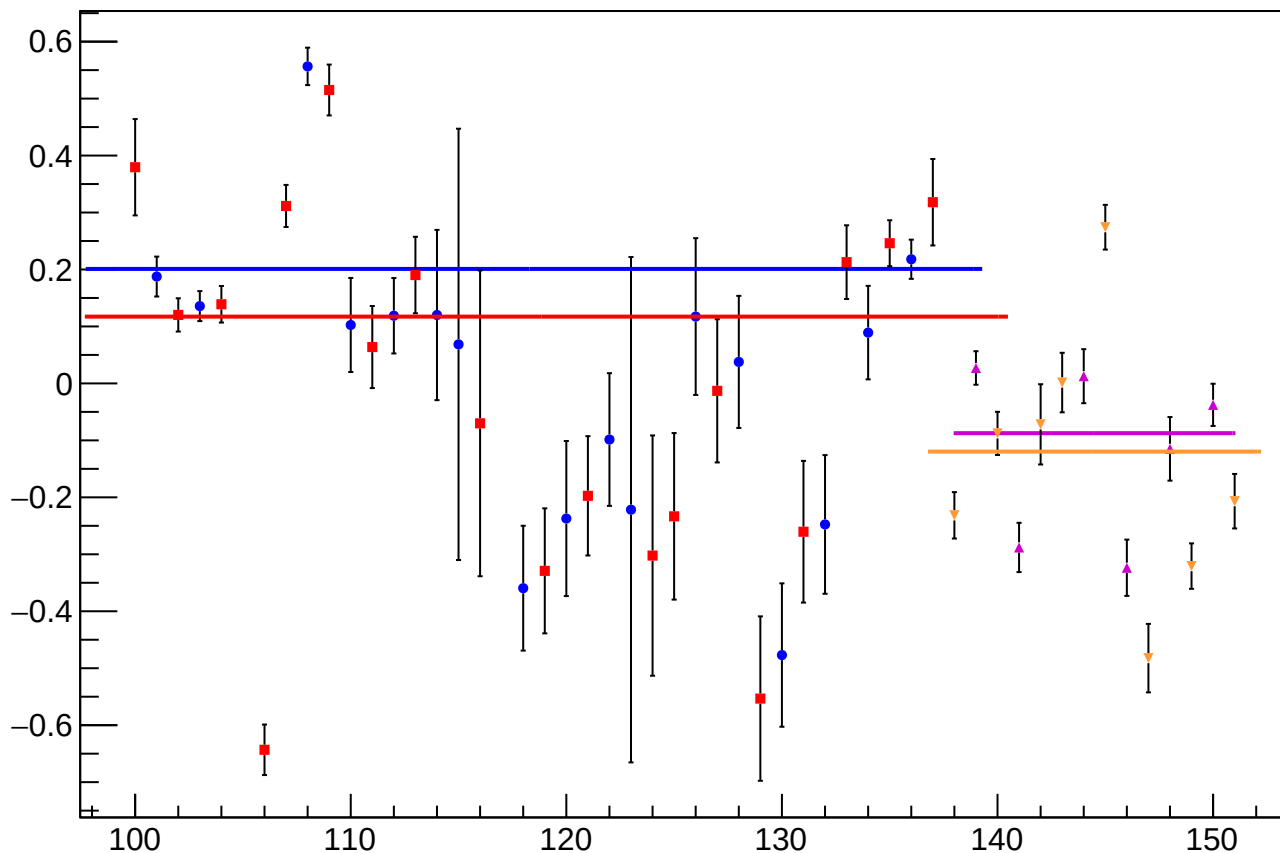
Left In: 84.230 $\pm$ 0.368 χ^2 /NDF: 432.0/5

+ sign 63.839 $\pm$ 0.223 χ^2 /NDF: 33616.0/24

All: 62.261 $\pm$ 0.159 χ^2 /NDF: 69037.1/49

- sign 60.623 $\pm$ 0.227 χ^2 /NDF: 35319.3/24

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.120 ± 0.016 χ^2/NDF : 179.9/7

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

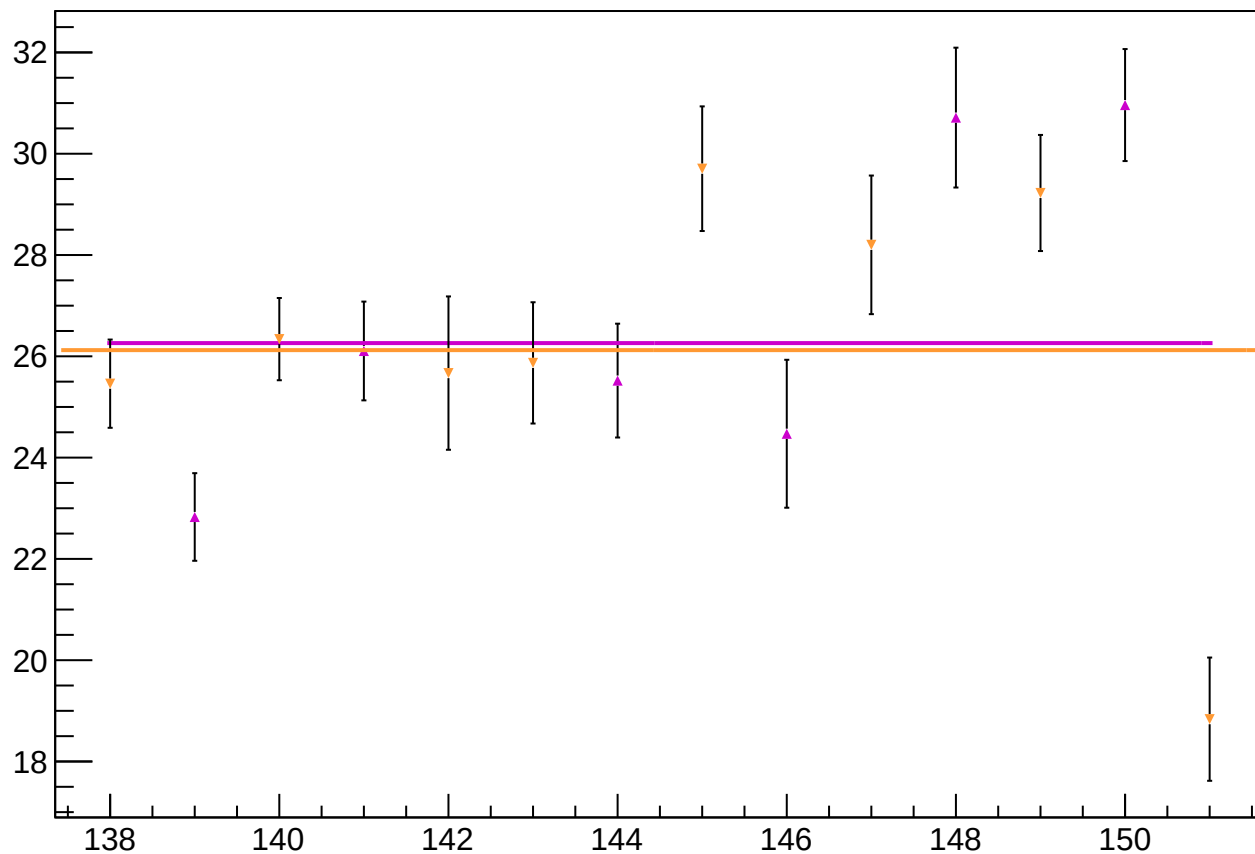
Left In: -0.087 ± 0.017 χ^2/NDF : 66.0/5

+ sign 0.063 ± 0.011 χ^2/NDF : 623.2/24

All: 0.051 ± 0.007 χ^2/NDF : 1285.2/49

- sign 0.040 ± 0.010 χ^2/NDF : 659.6/24

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 26.122 $\pm$ 0.389 χ^2 /NDF:54.8/7

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

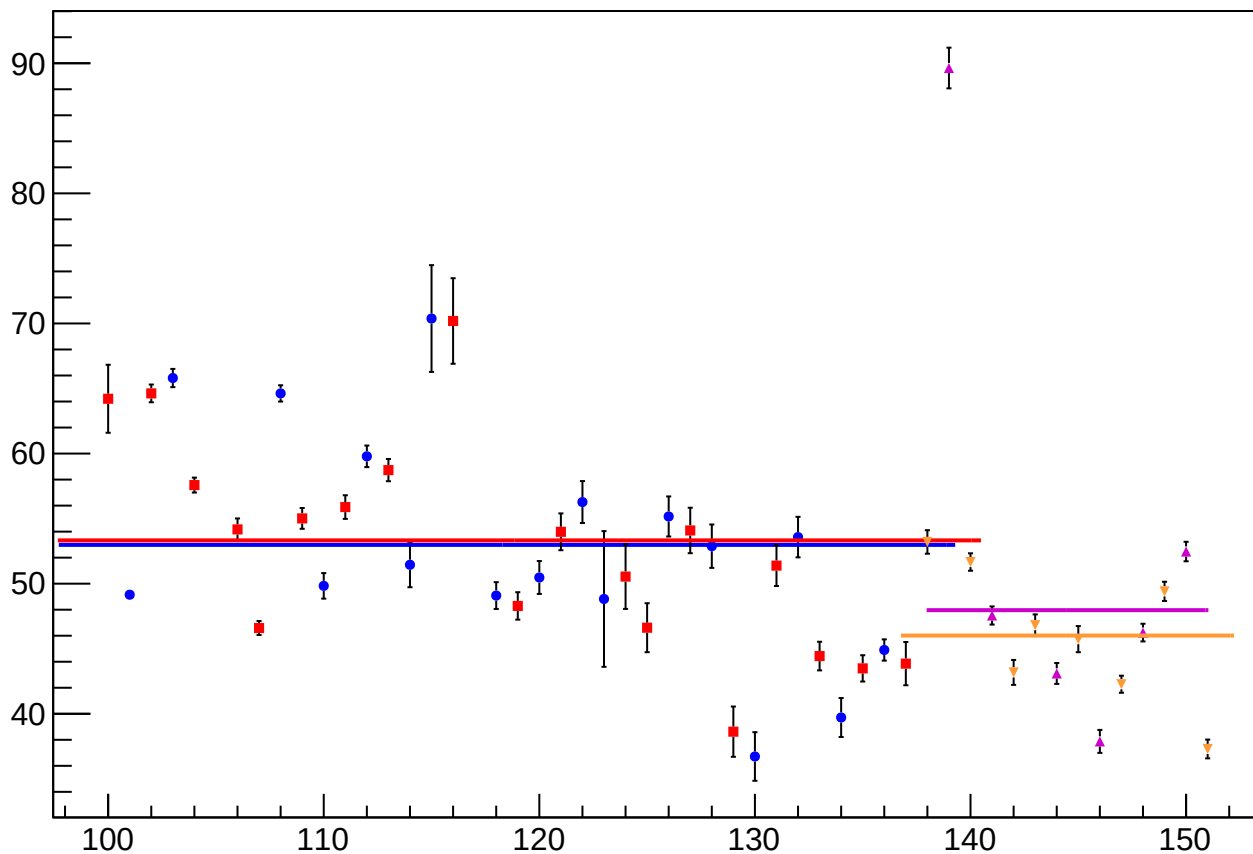
Left In: 26.261 $\pm$ 0.448 χ^2 /NDF:46.2/5

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

All: 26.182 $\pm$ 0.294 χ^2 /NDF: 101.0/13

- sign 0.000 $\pm$ 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: 46.013 $\pm$ 0.277 χ^2 /NDF: 344.0/7

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

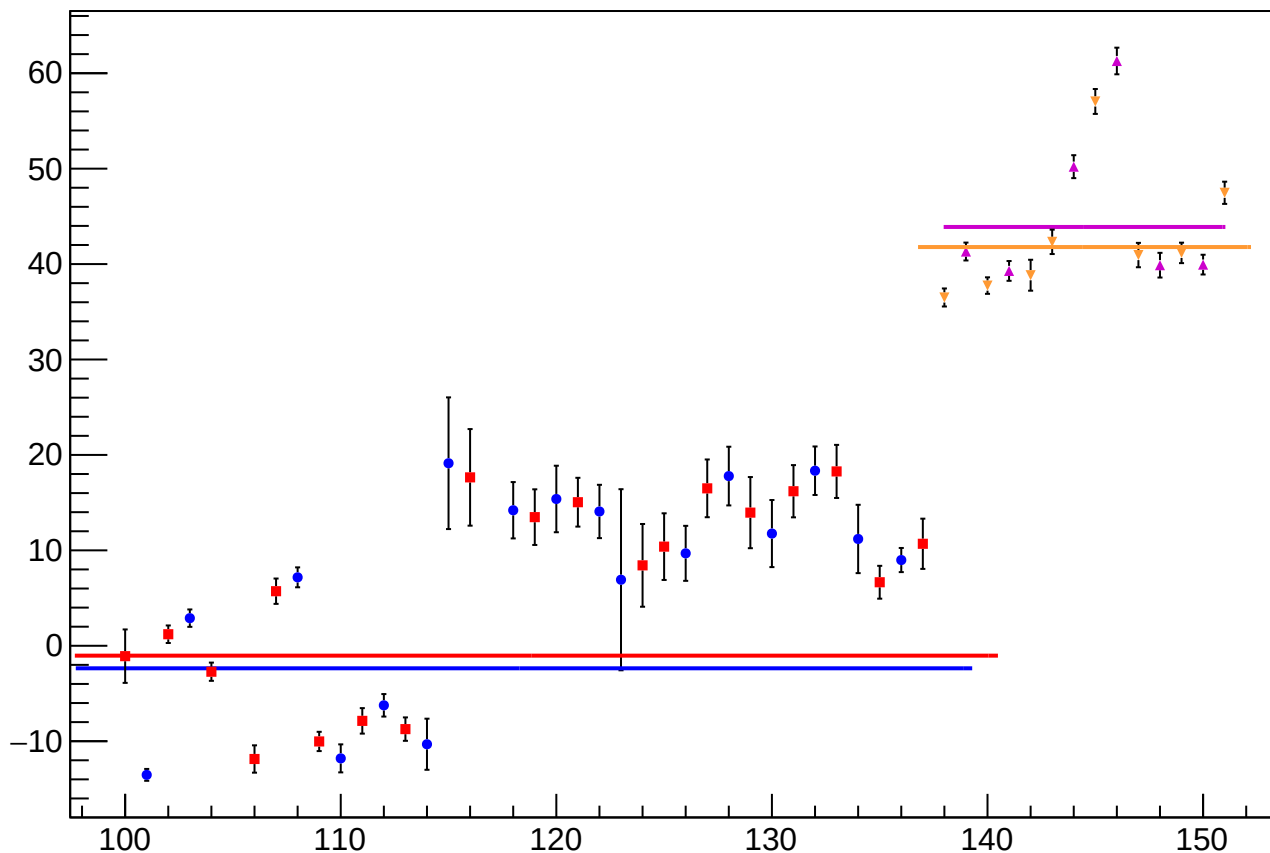
Left In: 47.964 $\pm$ 0.329 χ^2 /NDF: 921.1/5

+ sign 50.430 $\pm$ 0.167 χ^2 /NDF: 1944.1/24

All: 50.951 $\pm$ 0.125 χ^2 /NDF: 3940.1/49

- sign 51.599 $\pm$ 0.187 χ^2 /NDF: 1974.2/24

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 41.784 ± 0.400 χ^2/NDF : 217.9/7

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

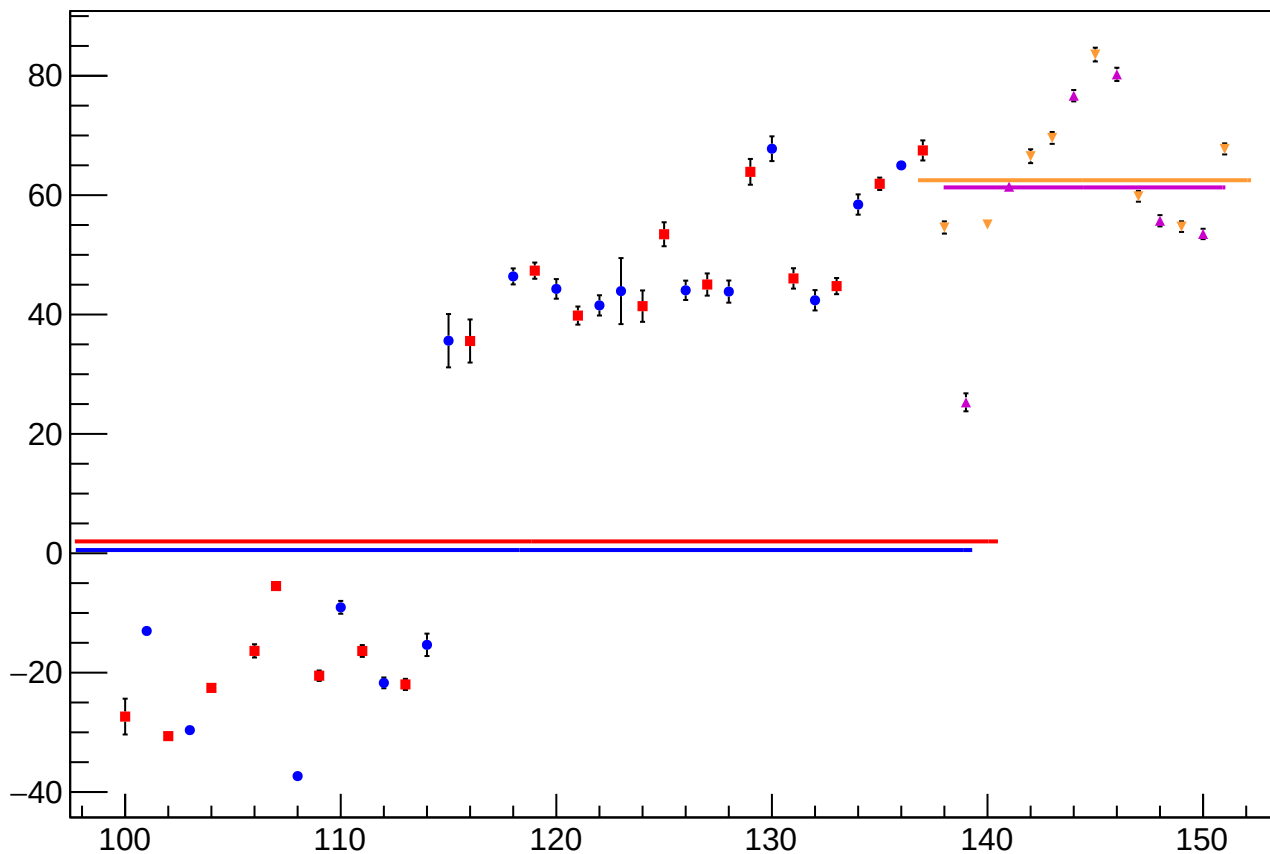
Left In: 43.890 ± 0.456 χ^2/NDF : 234.5/5

+ sign 17.638 ± 0.269 χ^2/NDF : 7728.7/24

All: 17.435 ± 0.197 χ^2/NDF : 14238.3/49

- sign 17.199 ± 0.291 χ^2/NDF : 6508.4/24

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 62.501+/-0.340 χ^2/NDF : 656.3/7

Right Out: 1.990+/-0.267 χ^2/NDF : 15476.7/18

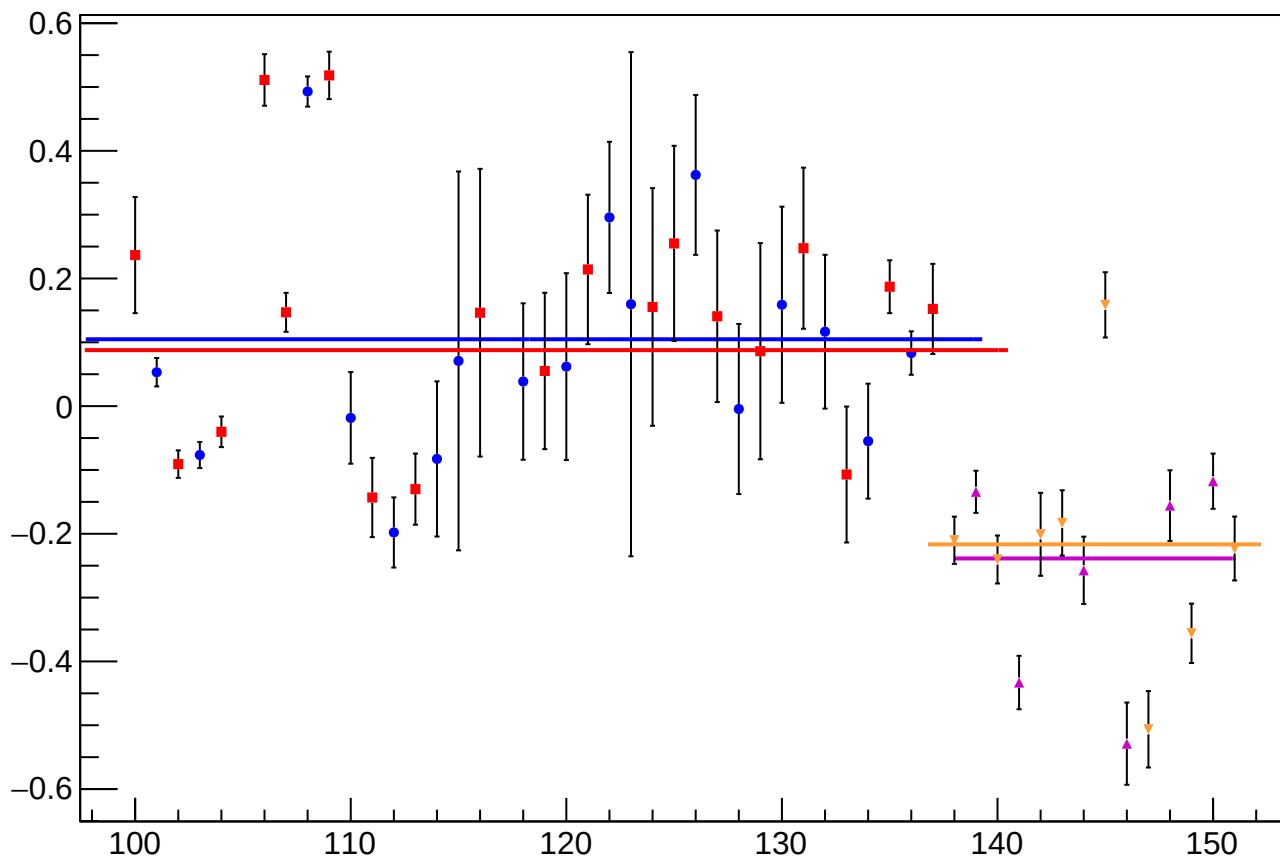
Left In: 61.299+/-0.400 χ^2/NDF : 1240.6/5

+ sign 21.926+/-0.200 χ^2/NDF : 40850.3/24

All: 21.153+/-0.148 χ^2/NDF : 72804.9/49

- sign 20.199+/-0.222 χ^2/NDF : 31921.1/24

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.217 ± 0.017 $\chi^2/\text{NDF}: 87.2/7$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

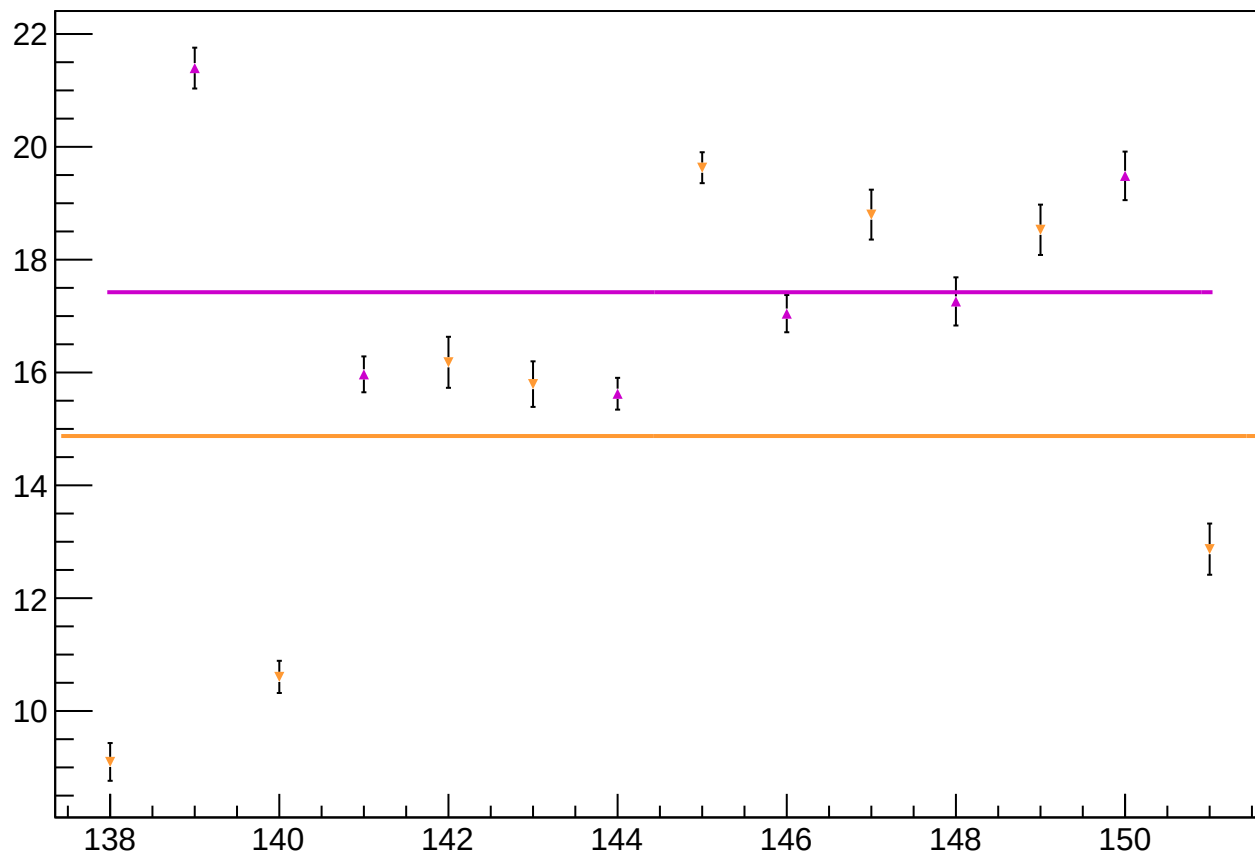
Left In: -0.239 ± 0.018 $\chi^2/\text{NDF}: 62.1/5$

+ sign 0.007 ± 0.009 $\chi^2/\text{NDF}: 745.4/24$

All: 0.005 ± 0.007 $\chi^2/\text{NDF}: 1430.2/49$

- sign 0.002 ± 0.009 $\chi^2/\text{NDF}: 684.6/24$

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.874+/-0.129 χ^2/NDF :1002.0/7

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

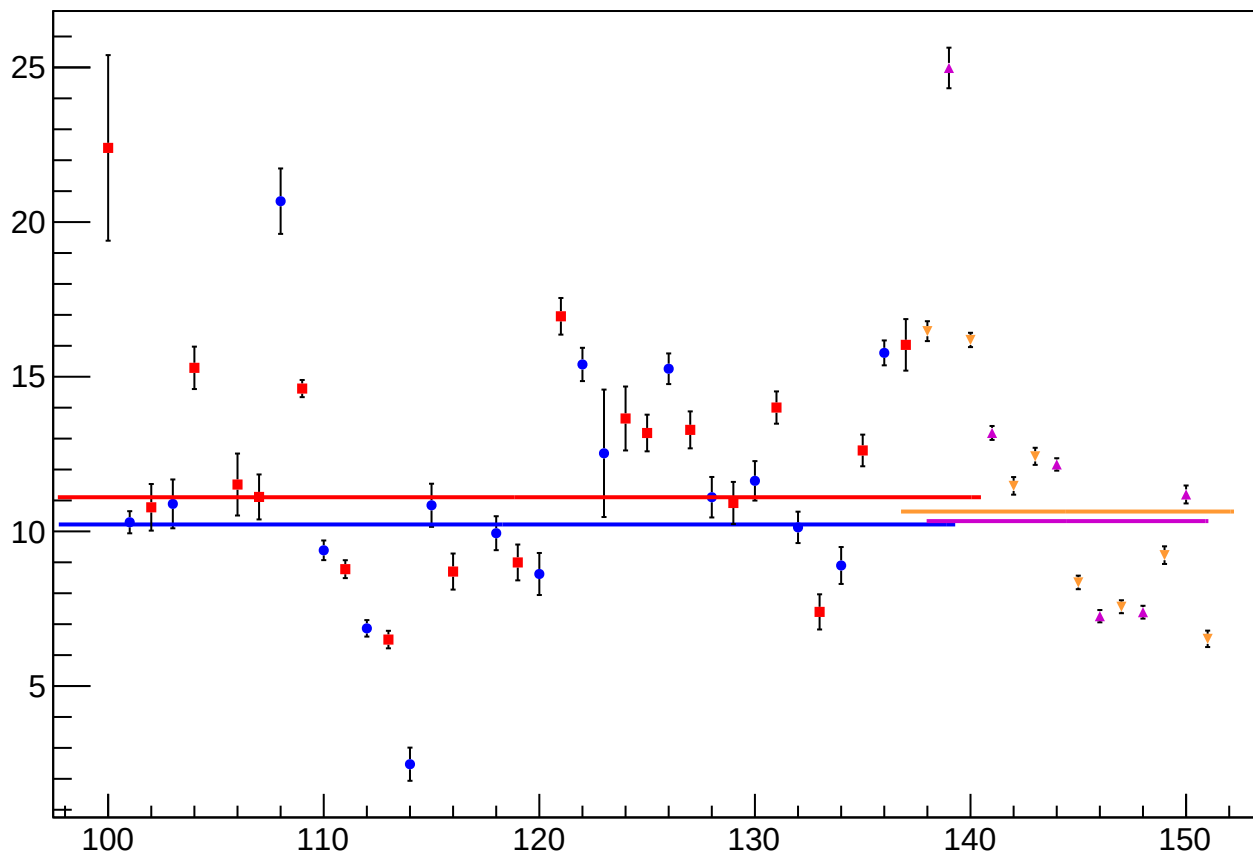
Left In: 17.423+/-0.141 χ^2/NDF :206.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.029+/-0.095 χ^2/NDF : 1386.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 10.642 $\pm$ 0.090 χ^2 /NDF:1543.1/7

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

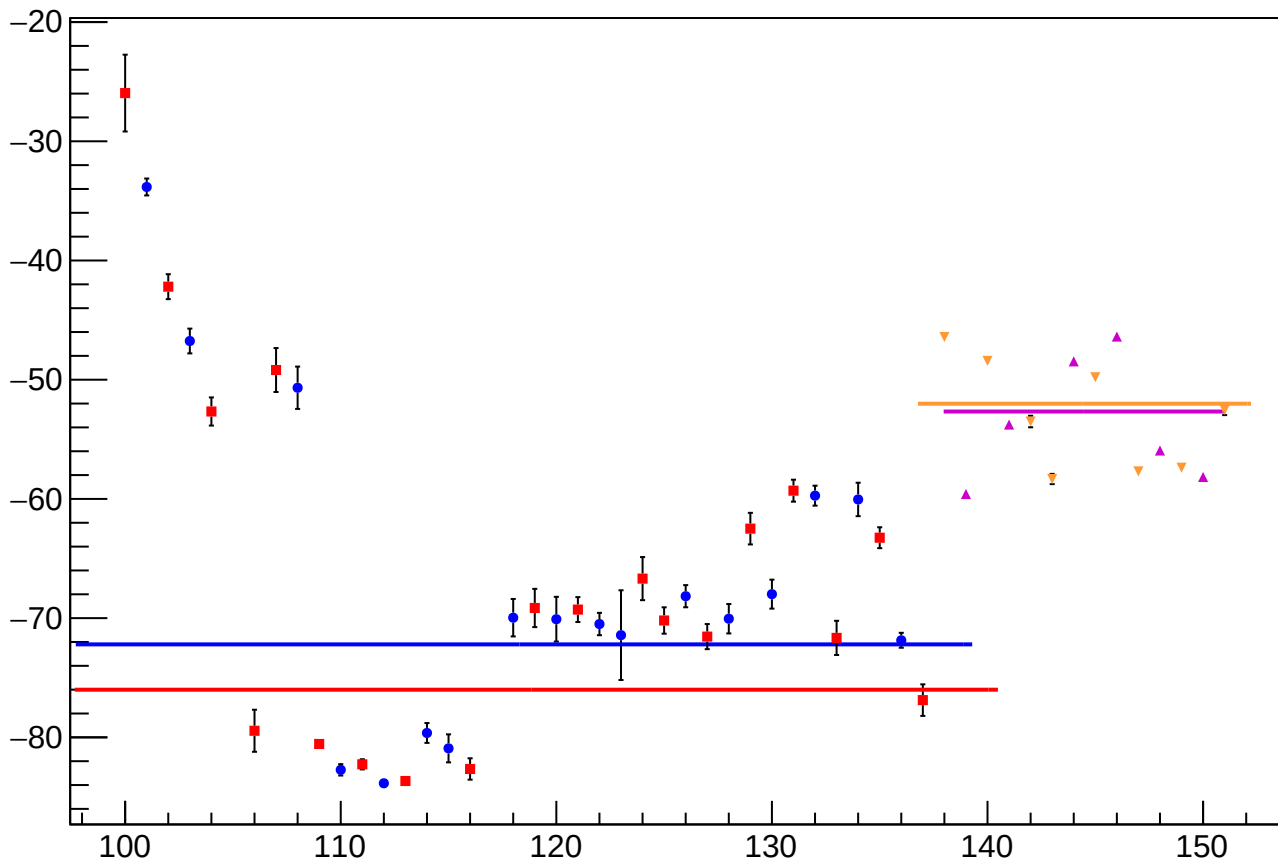
Left In: 10.332 $\pm$ 0.097 χ^2 /NDF:1191.0/5

+ sign 10.490 $\pm$ 0.072 χ^2 /NDF: 2428.6/24

All: 10.566 $\pm$ 0.052 χ^2 /NDF: 4465.2/49

- sign 10.647 $\pm$ 0.074 χ^2 /NDF: 2034.3/24

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.011 ± 0.133 χ^2/NDF : 1015.5/7

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

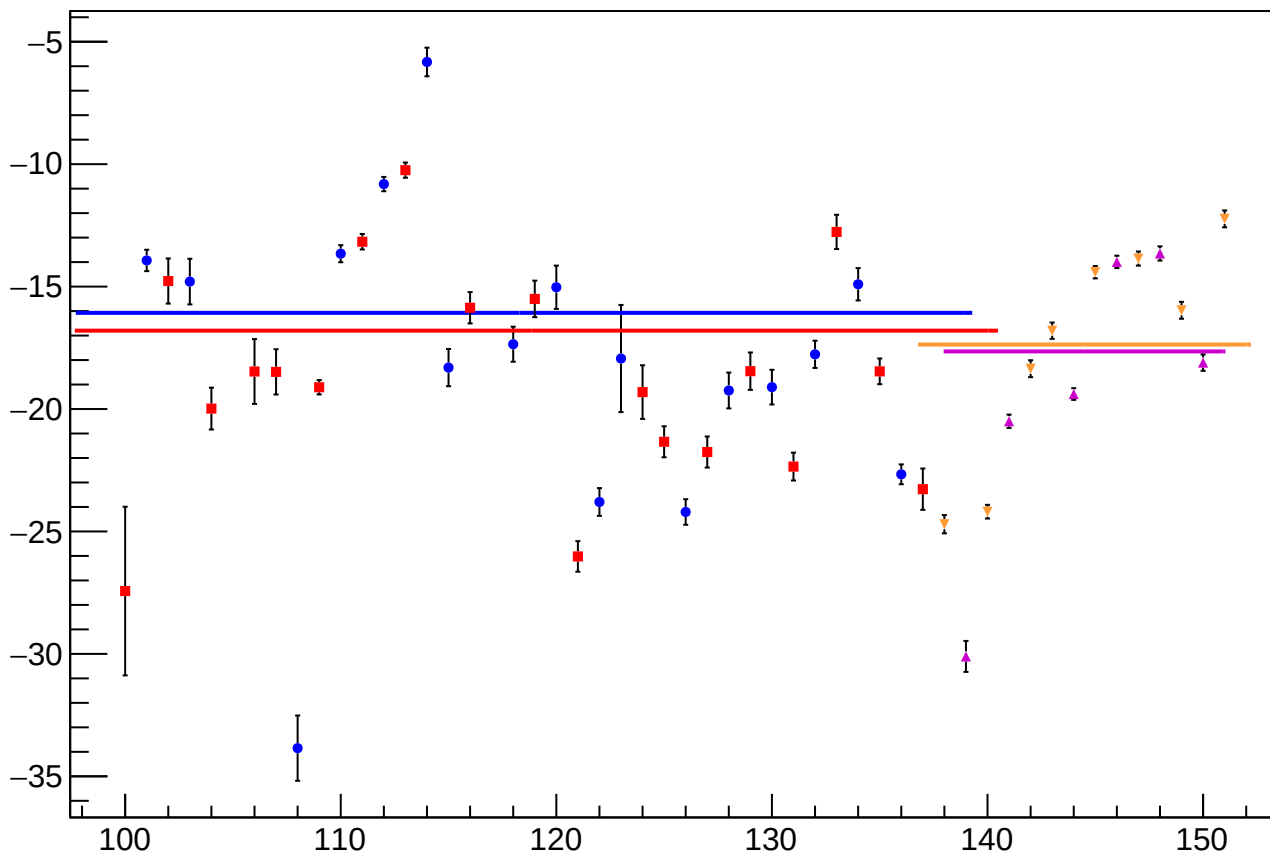
Left In: -52.669 ± 0.143 χ^2/NDF : 1164.3/5

+ sign -58.291 ± 0.110 χ^2/NDF : 13768.3/24

All: -59.948 ± 0.079 χ^2/NDF : 29074.6/49

- sign -61.670 ± 0.112 χ^2/NDF : 14845.7/24

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -17.366 ± 0.111 $\chi^2/\text{NDF}: 1516.3/7$

Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$

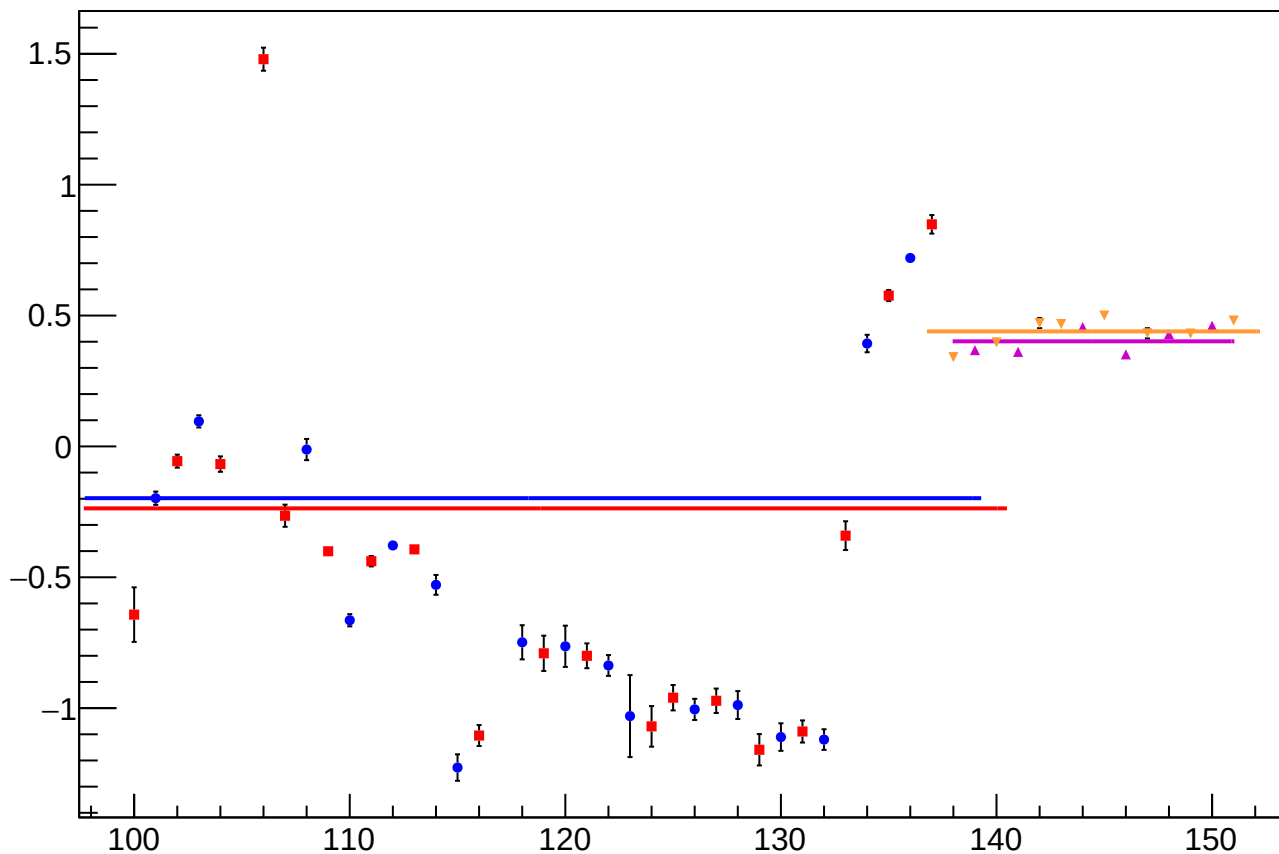
Left In: -17.648 ± 0.120 $\chi^2/\text{NDF}: 952.5/5$

+ sign -16.833 ± 0.085 $\chi^2/\text{NDF}: 3213.6/24$

All: -17.037 ± 0.061 $\chi^2/\text{NDF}: 5417.2/49$

- sign -17.253 ± 0.087 $\chi^2/\text{NDF}: 2191.7/24$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.439 ± 0.006 χ^2/NDF : 94.6/7

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

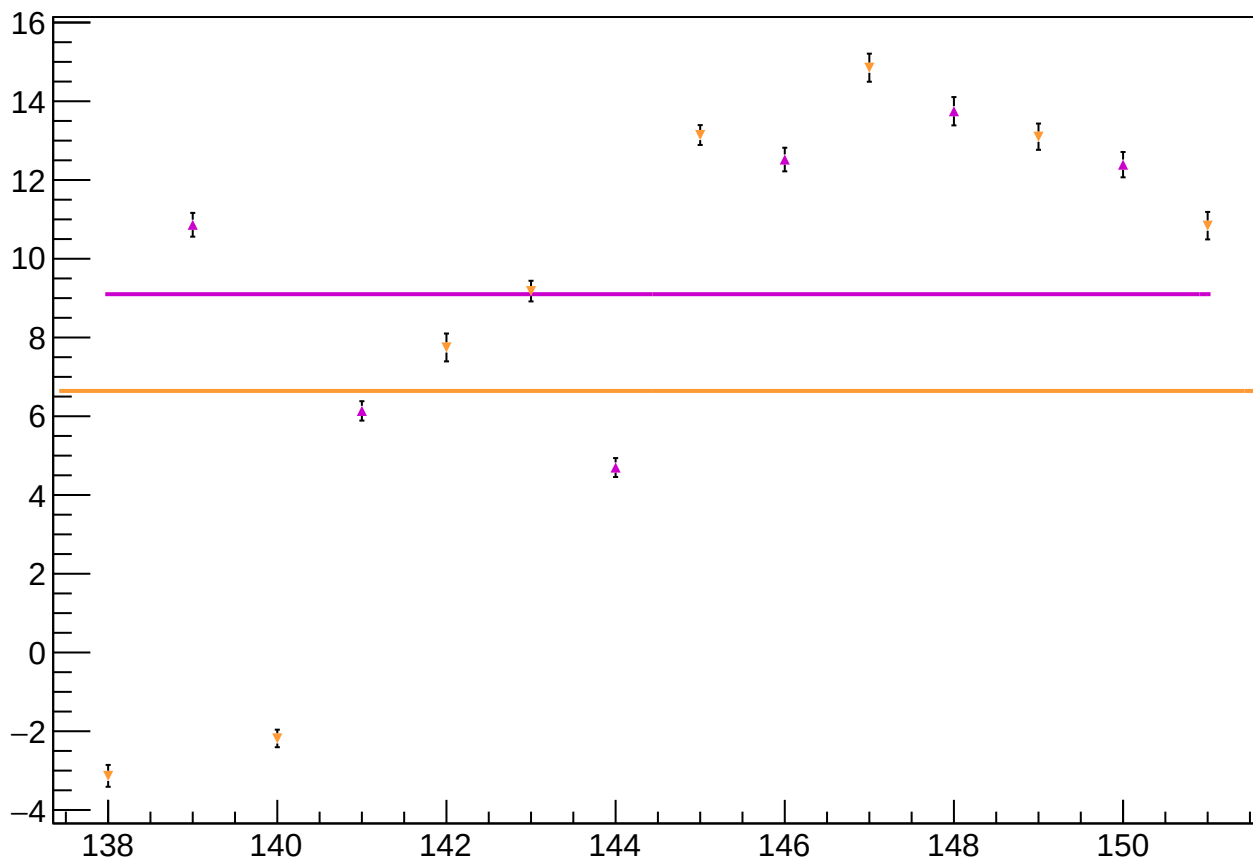
Left In: 0.401 ± 0.006 χ^2/NDF : 58.3/5

+ sign 0.216 ± 0.004 χ^2/NDF : 11079.1/24

All: 0.179 ± 0.003 χ^2/NDF : 22171.8/49

- sign 0.139 ± 0.005 χ^2/NDF : 10949.6/24

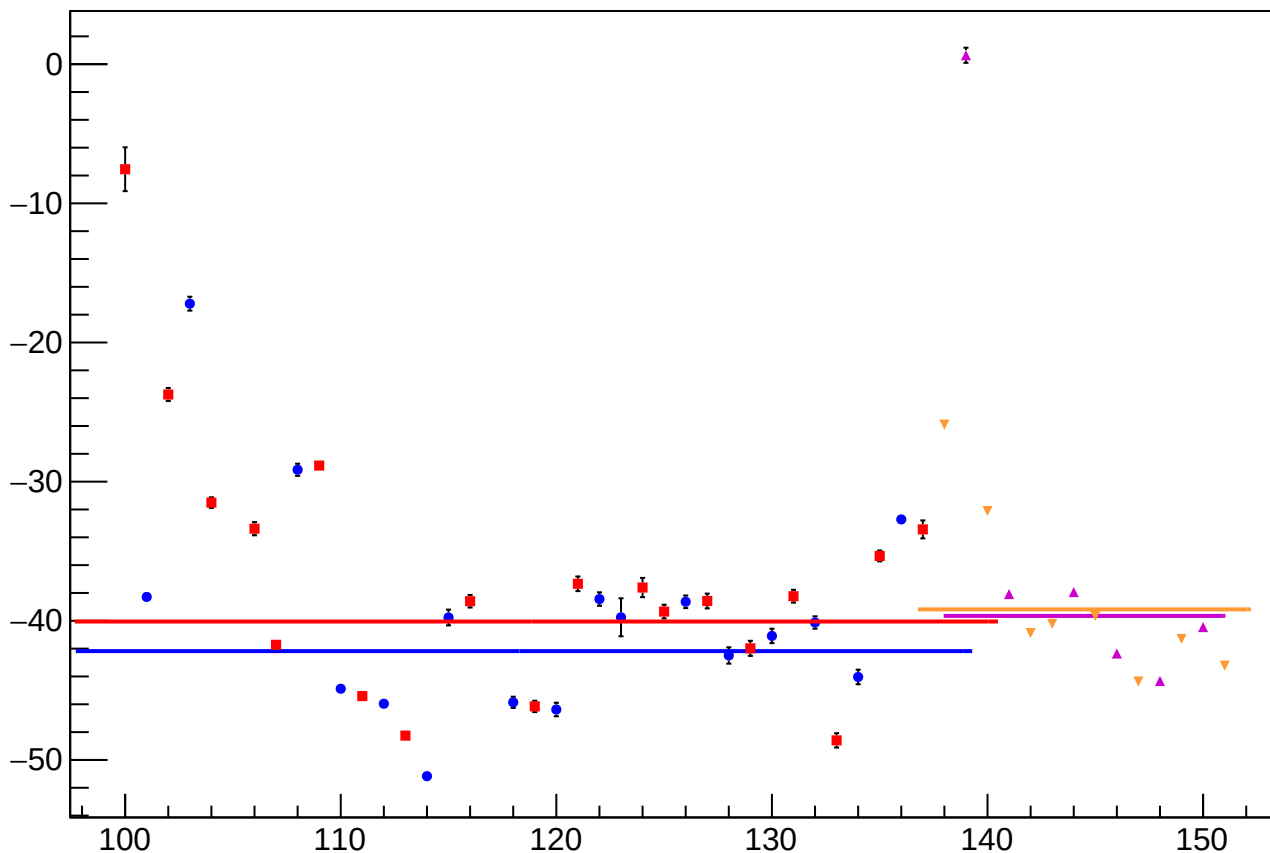
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.643+/-0.102 χ^2/NDF : 4627.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.100+/-0.117 χ^2/NDF : 916.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.704+/-0.077 χ^2/NDF : 5794.8/13
 - 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: -39.181 ± 0.071 χ^2/NDF : 5470.4/7

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

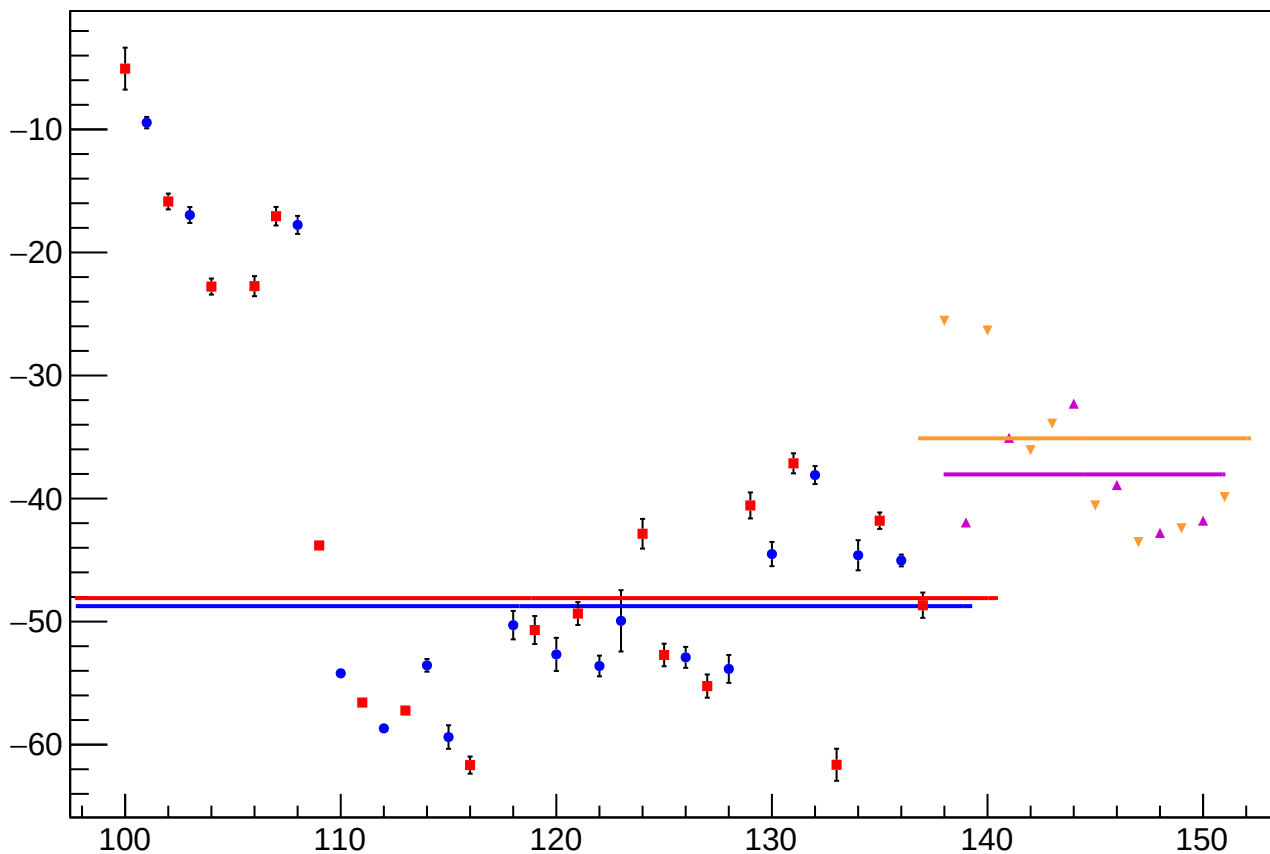
Left In: -39.648 ± 0.081 χ^2/NDF : 6585.2/5

+ sign -40.541 ± 0.052 χ^2/NDF : 12856.0/24

All: -40.217 ± 0.038 χ^2/NDF : 30847.4/49

- sign -39.872 ± 0.054 χ^2/NDF : 17912.5/24

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -35.105 ± 0.105 χ^2/NDF : 4207.9/7

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

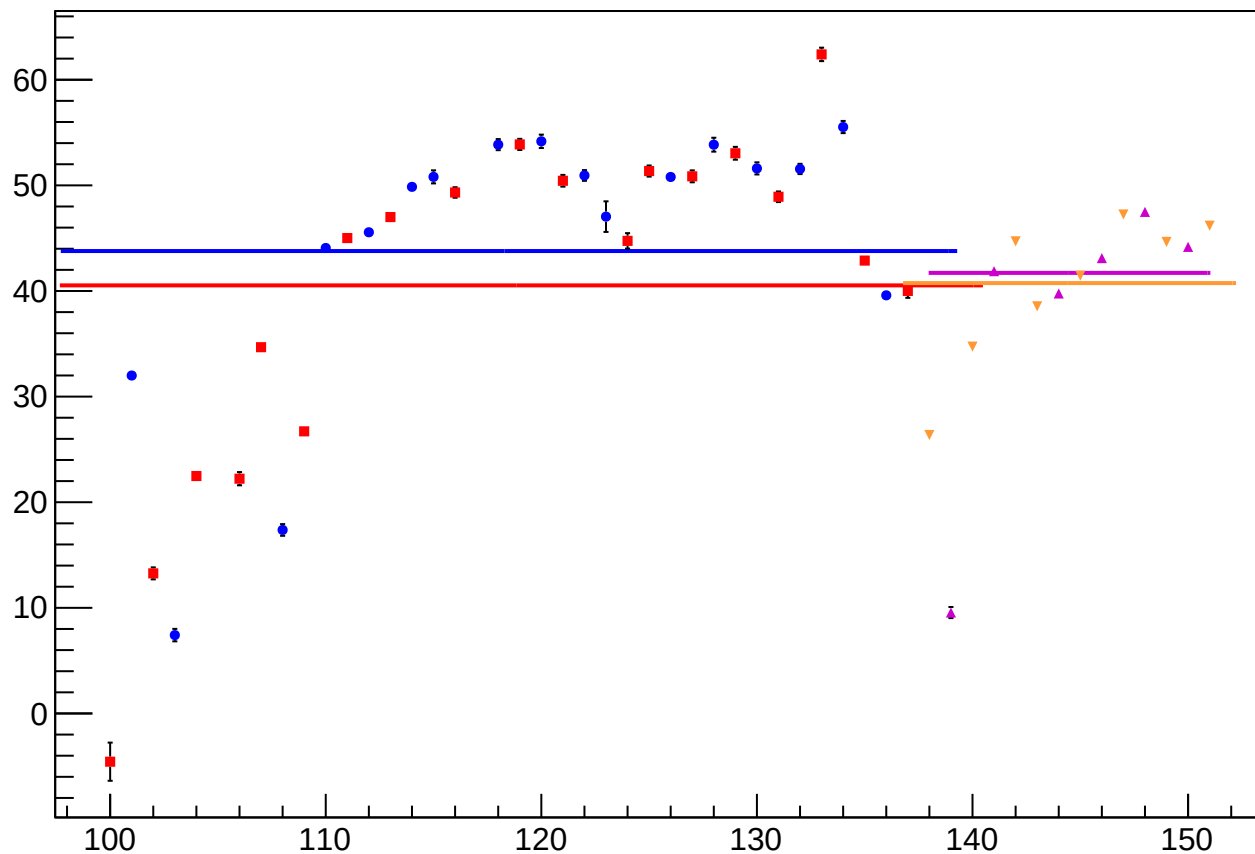
Left In: -38.036 ± 0.119 χ^2/NDF : 1135.1/5

+ sign -40.777 ± 0.080 χ^2/NDF : 25883.3/24

All: -42.187 ± 0.056 χ^2/NDF : 43313.8/49

- sign -43.572 ± 0.080 χ^2/NDF : 16818.7/24

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.747 $\pm$ 0.087 χ^2 /NDF: 4645.4/7

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

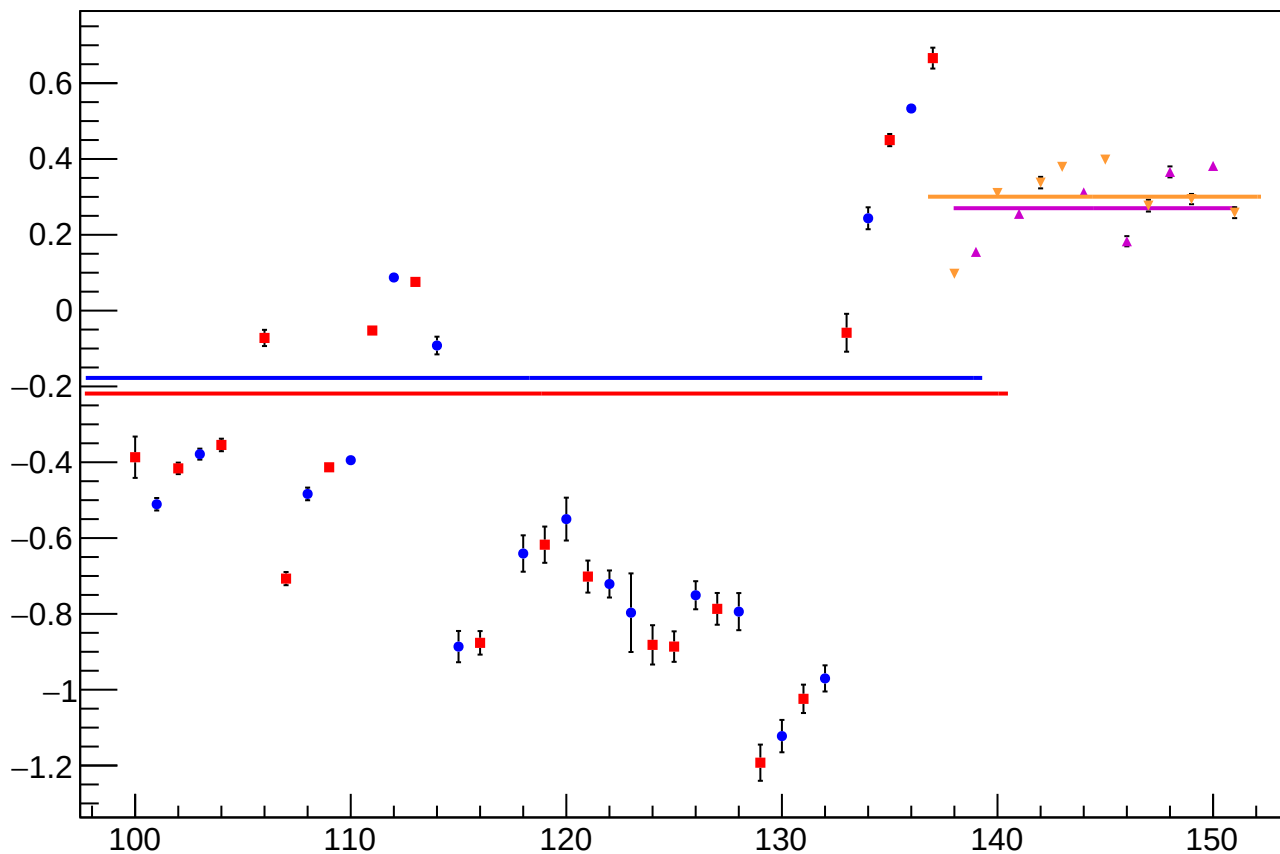
Left In: 41.714 $\pm$ 0.099 χ^2 /NDF: 4542.4/5

+ sign 42.273 $\pm$ 0.061 χ^2 /NDF: 15894.4/24

All: 41.645 $\pm$ 0.044 χ^2 /NDF: 38315.8/49

- sign 40.997 $\pm$ 0.062 χ^2 /NDF: 22208.8/24

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.301 ± 0.004 χ^2/NDF : 443.1/7

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

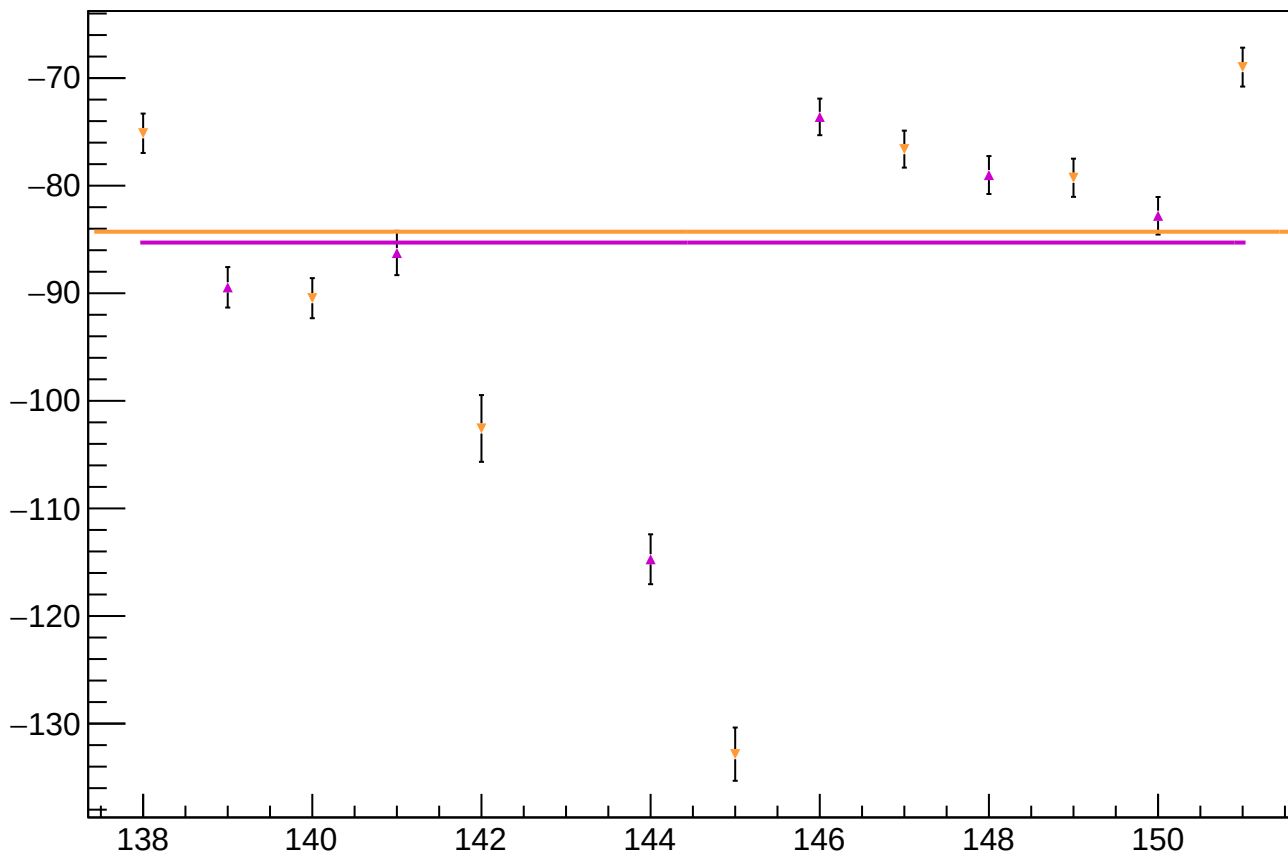
Left In: 0.270 ± 0.005 χ^2/NDF : 280.7/5

+ sign 0.085 ± 0.003 χ^2/NDF : 13185.8/24

All: 0.038 ± 0.002 χ^2/NDF : 26924.7/49

- sign -0.008 ± 0.003 χ^2/NDF : 13331.3/24

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -84.279 $\pm$ 0.742 χ^2 /NDF:555.0/6

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

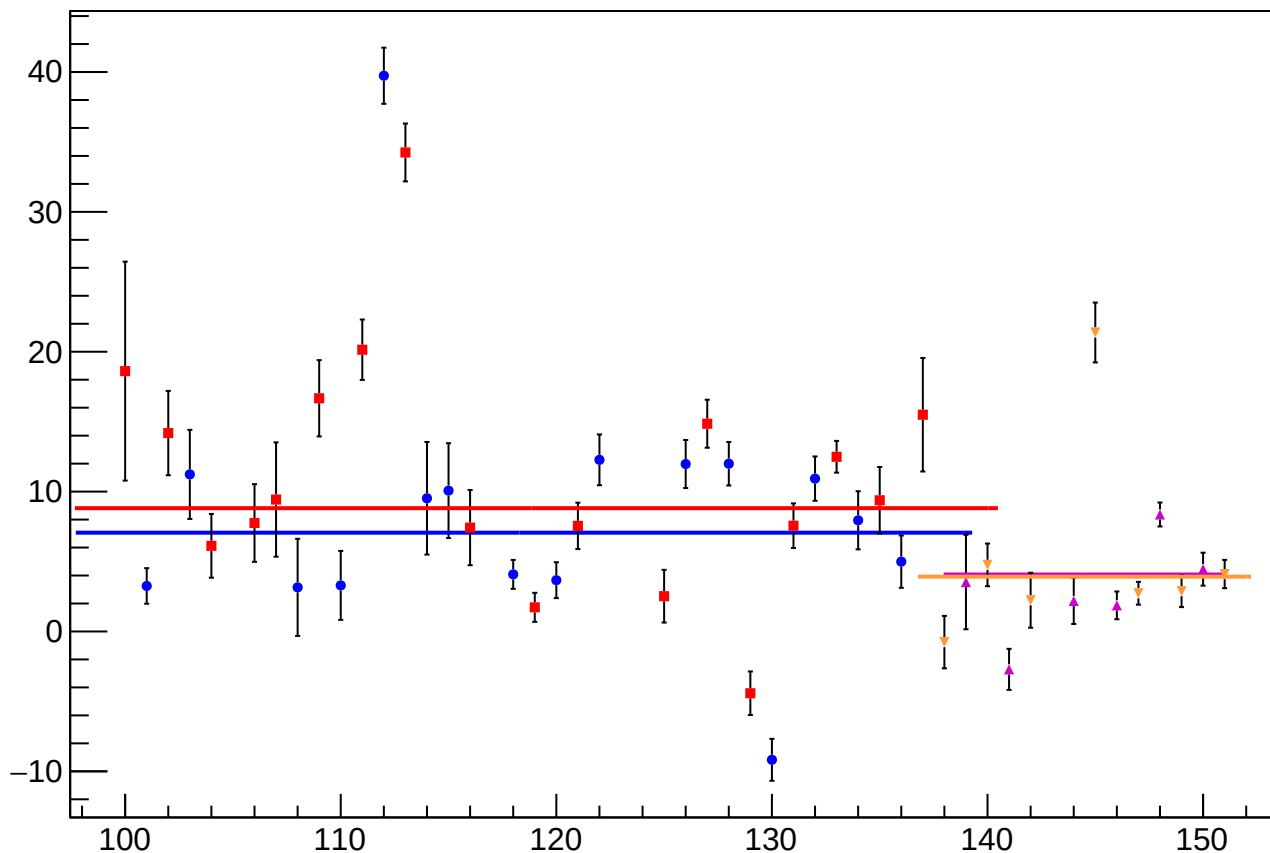
Left In: -85.288 $\pm$ 0.767 χ^2 /NDF:228.4/5

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

All: -84.767 $\pm$ 0.533 χ^2 /NDF: 784.3/12

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

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 $\pm$ 0.434 χ^2/NDF : 446.9/15

Left Out: 3.919 $\pm$ 0.475 χ^2/NDF : 76.8/6

Right Out: 8.816 $\pm$ 0.449 χ^2/NDF : 350.4/17

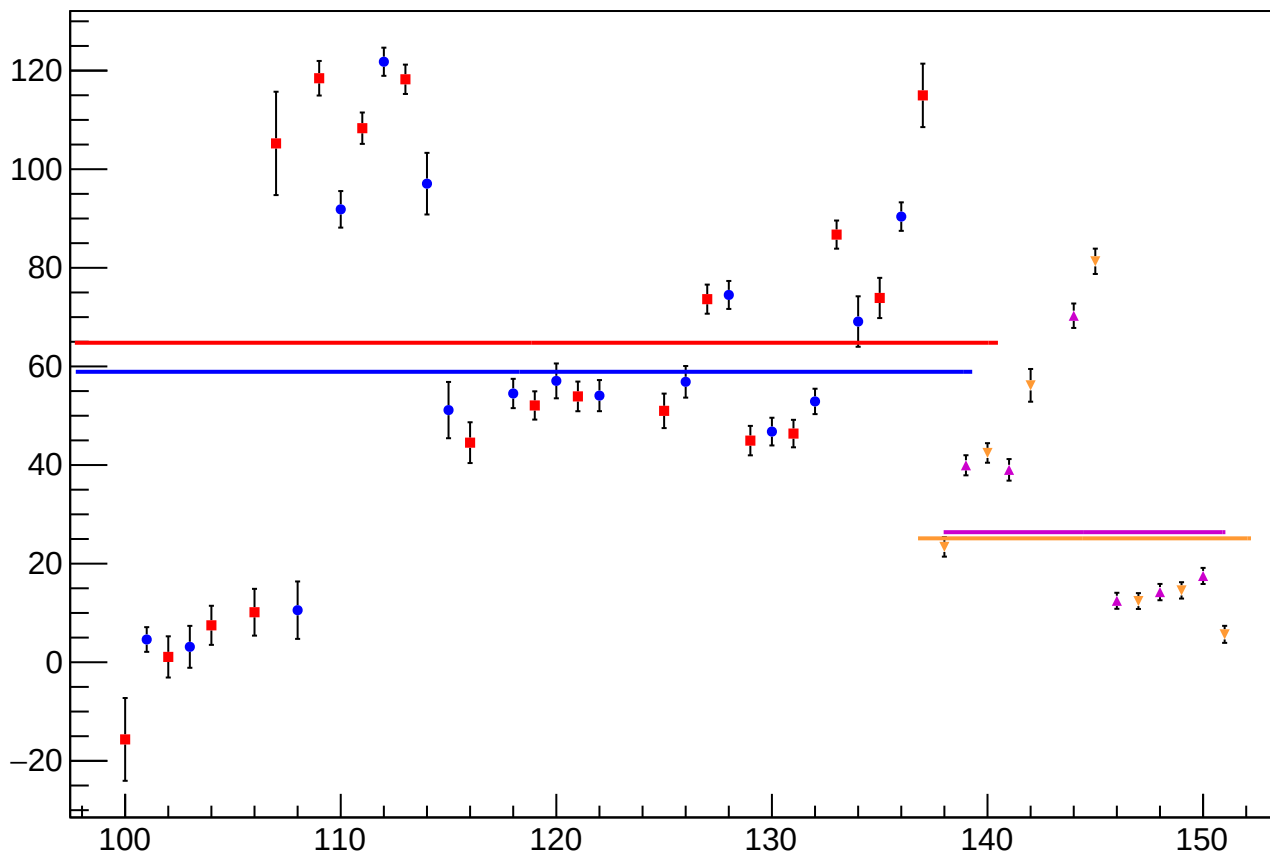
Left In: 4.072 $\pm$ 0.499 χ^2/NDF : 52.9/5

+ sign 5.633 $\pm$ 0.320 χ^2/NDF : 547.6/22

All: 6.140 $\pm$ 0.231 χ^2/NDF : 1006.1/46

- sign 6.692 $\pm$ 0.334 χ^2/NDF : 453.2/23

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 25.130 $\pm$ 0.738 χ^2 /NDF: 872.9/6

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

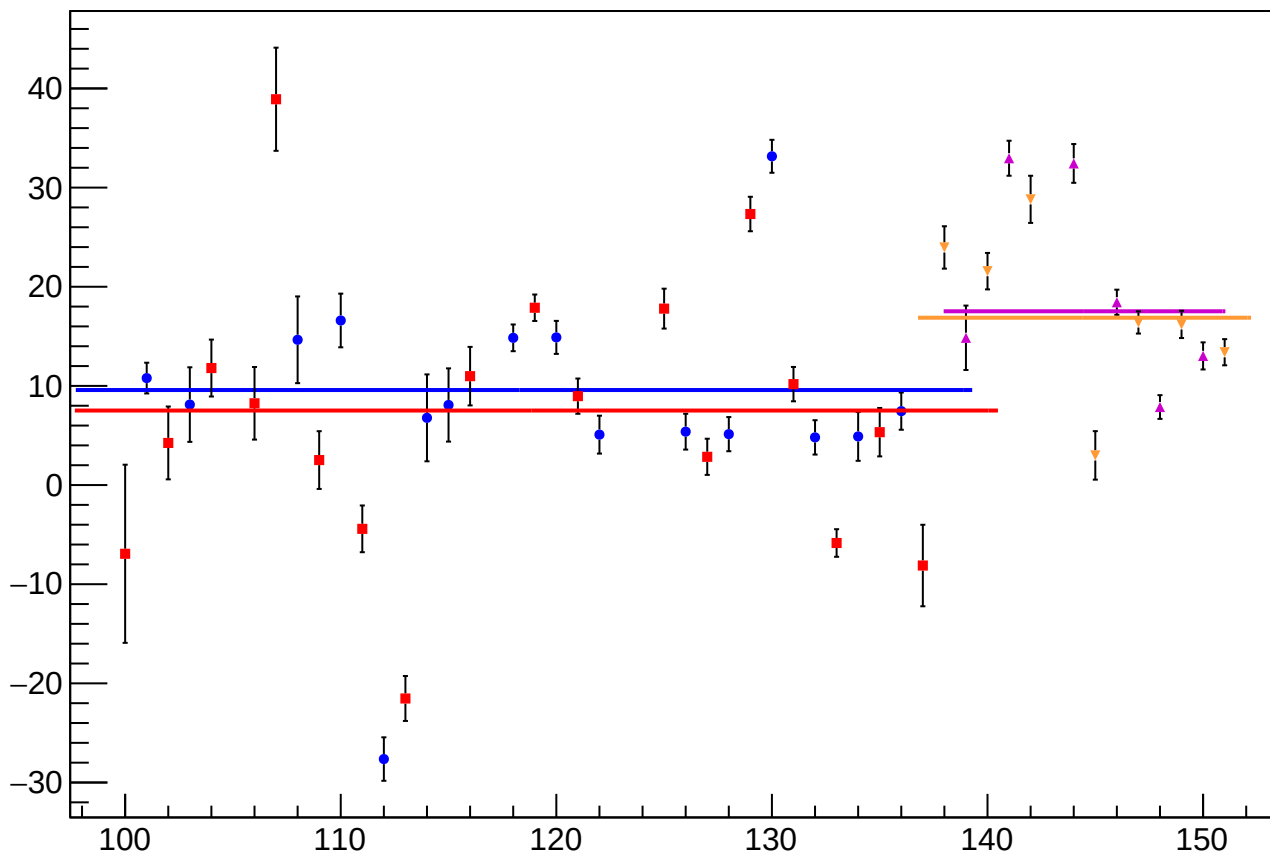
Left In: 26.383 $\pm$ 0.760 χ^2 /NDF: 548.5/5

+ sign 40.016 $\pm$ 0.552 χ^2 /NDF: 3293.2/22

All: 41.802 $\pm$ 0.394 χ^2 /NDF: 6731.6/46

- sign 43.663 $\pm$ 0.564 χ^2 /NDF: 3417.0/23

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 $\pm$ 0.501 χ^2/NDF : 554.4/15

Left Out: 16.877 $\pm$ 0.603 χ^2/NDF : 82.3/6

Right Out: 7.516 $\pm$ 0.516 χ^2/NDF : 569.8/17

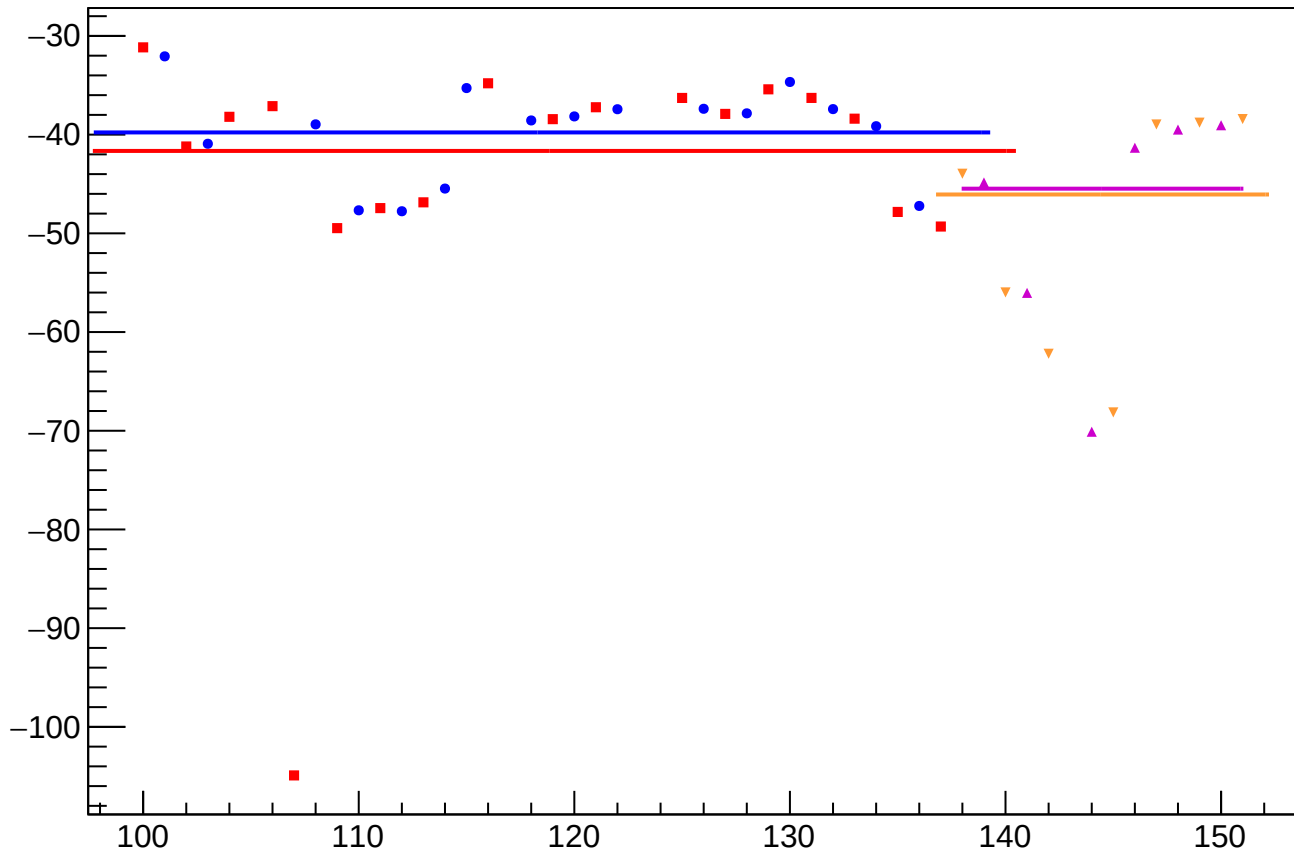
Left In: 17.527 $\pm$ 0.629 χ^2/NDF : 211.7/5

+ sign 12.564 $\pm$ 0.385 χ^2/NDF : 723.3/22

All: 12.071 $\pm$ 0.277 χ^2/NDF : 1659.8/46

- sign 11.543 $\pm$ 0.399 χ^2/NDF : 933.1/23

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF : 26158.0/15

Left Out: -46.064+/-0.032 χ^2/NDF :105079.6/6

Right Out: -41.651+/-0.031 χ^2/NDF : 94457.5/17

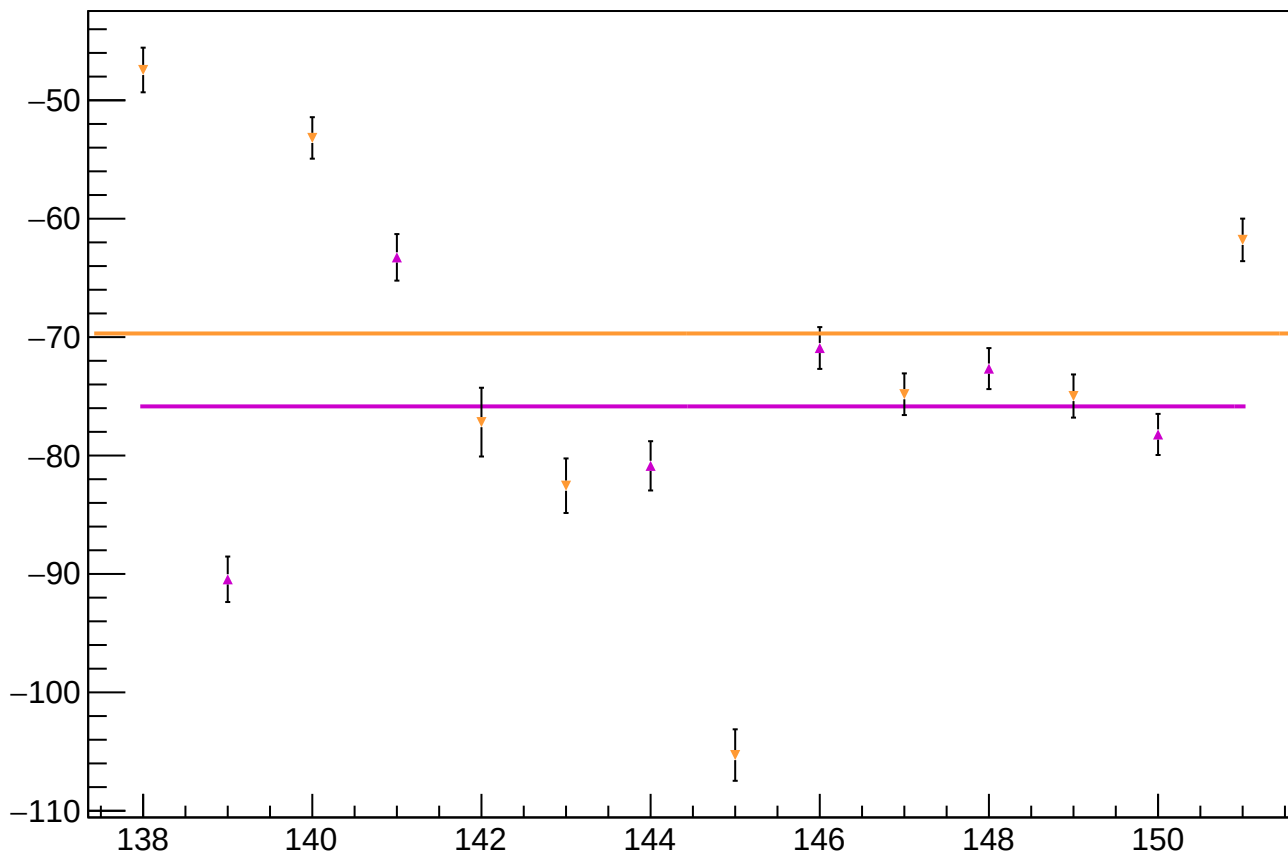
Left In: -45.476+/-0.032 χ^2/NDF :84646.5/5

+ sign -42.861+/-0.022 χ^2/NDF : 151329.3/22

All: -43.198+/-0.016 χ^2/NDF : 338309.2/46

- sign -43.536+/-0.022 χ^2/NDF : 186516.8/23

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.692+/-0.697 χ^2/NDF : 570.4/7

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

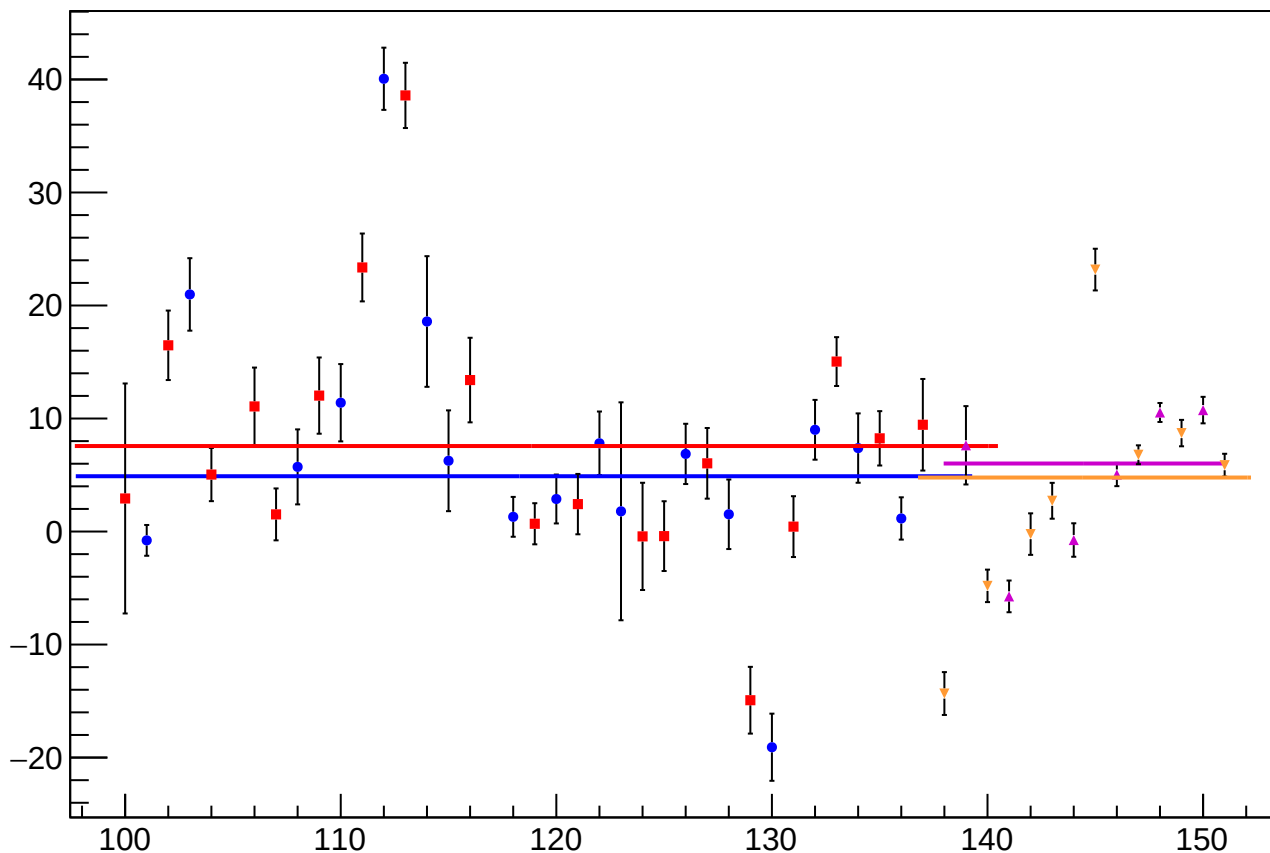
Left In: -75.850+/-0.756 χ^2/NDF : 117.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.518+/-0.512 χ^2/NDF : 724.0/13

- 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: 4.778 ± 0.452 χ^2/NDF : 273.0/7

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

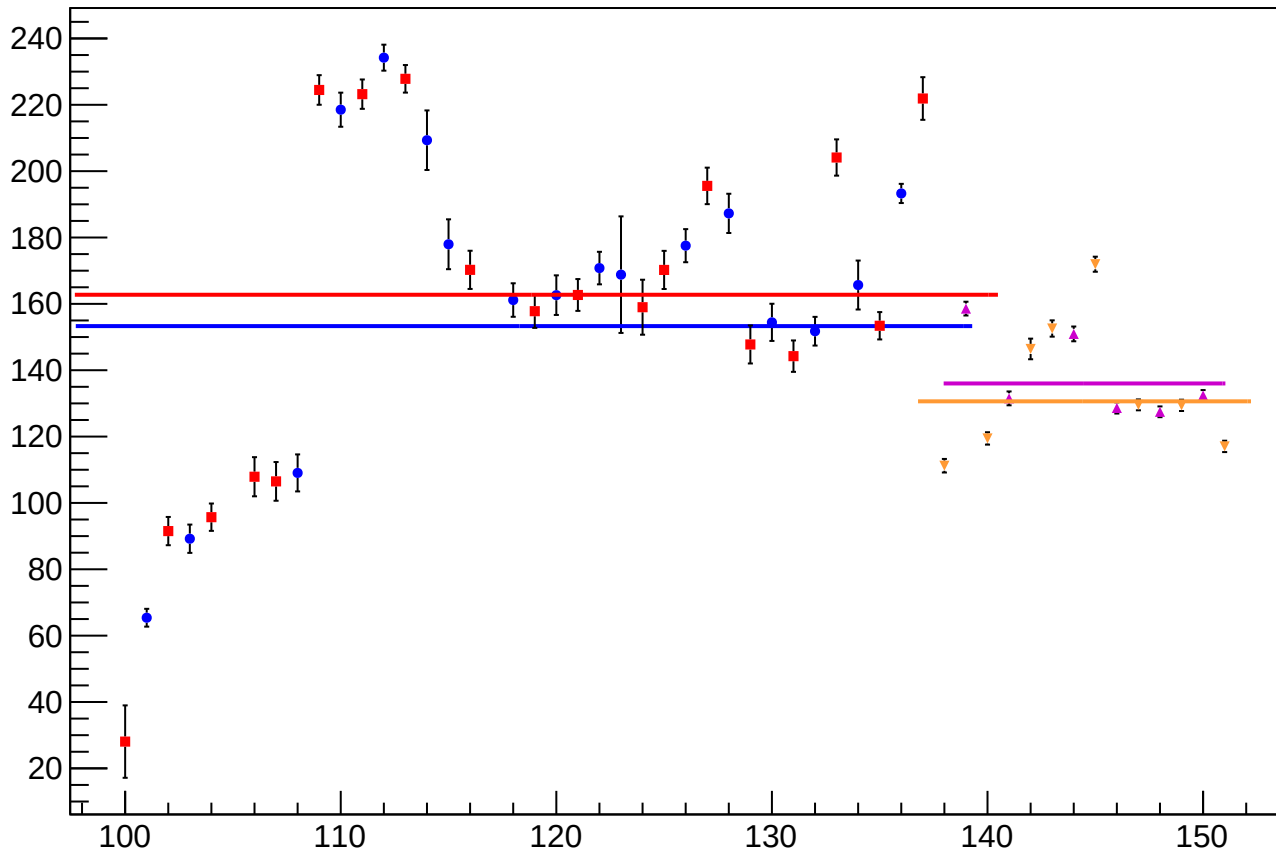
Left In: 6.019 ± 0.491 χ^2/NDF : 137.4/5

+ sign 4.818 ± 0.365 χ^2/NDF : 568.4/24

All: 5.636 ± 0.267 χ^2/NDF : 990.4/49

- sign 6.579 ± 0.392 χ^2/NDF : 411.2/24

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 ± 1.145 χ^2/NDF : 2266.8/16

Left Out: 130.622 ± 0.699 χ^2/NDF : 626.8/7

Right Out: 162.747 ± 1.177 χ^2/NDF : 1708.7/18

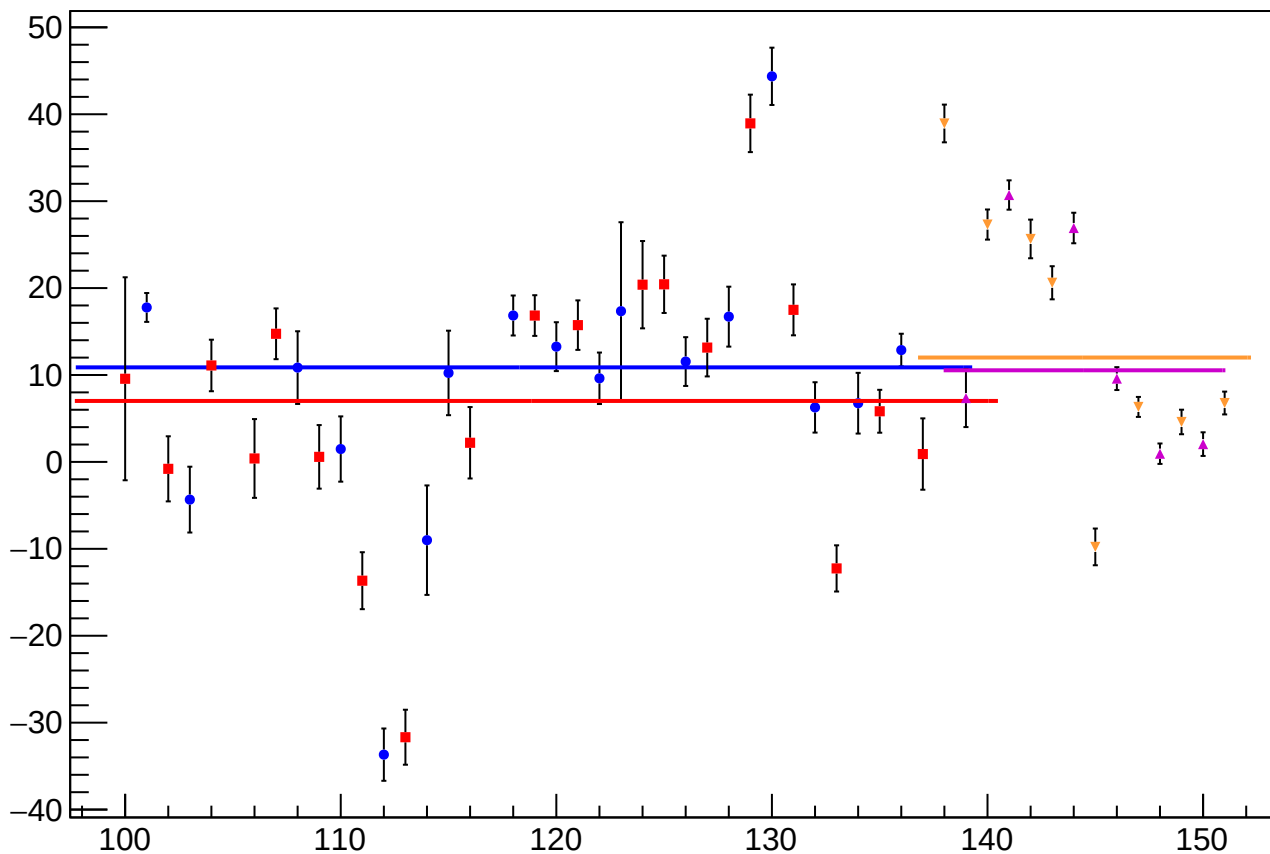
Left In: 136.010 ± 0.751 χ^2/NDF : 219.3/5

+ sign 136.785 ± 0.597 χ^2/NDF : 3179.3/24

All: 140.062 ± 0.434 χ^2/NDF : 5538.3/49

- sign 143.749 ± 0.633 χ^2/NDF : 2294.9/24

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 12.010 $\pm$ 0.569 χ^2 /NDF: 464.1/7

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

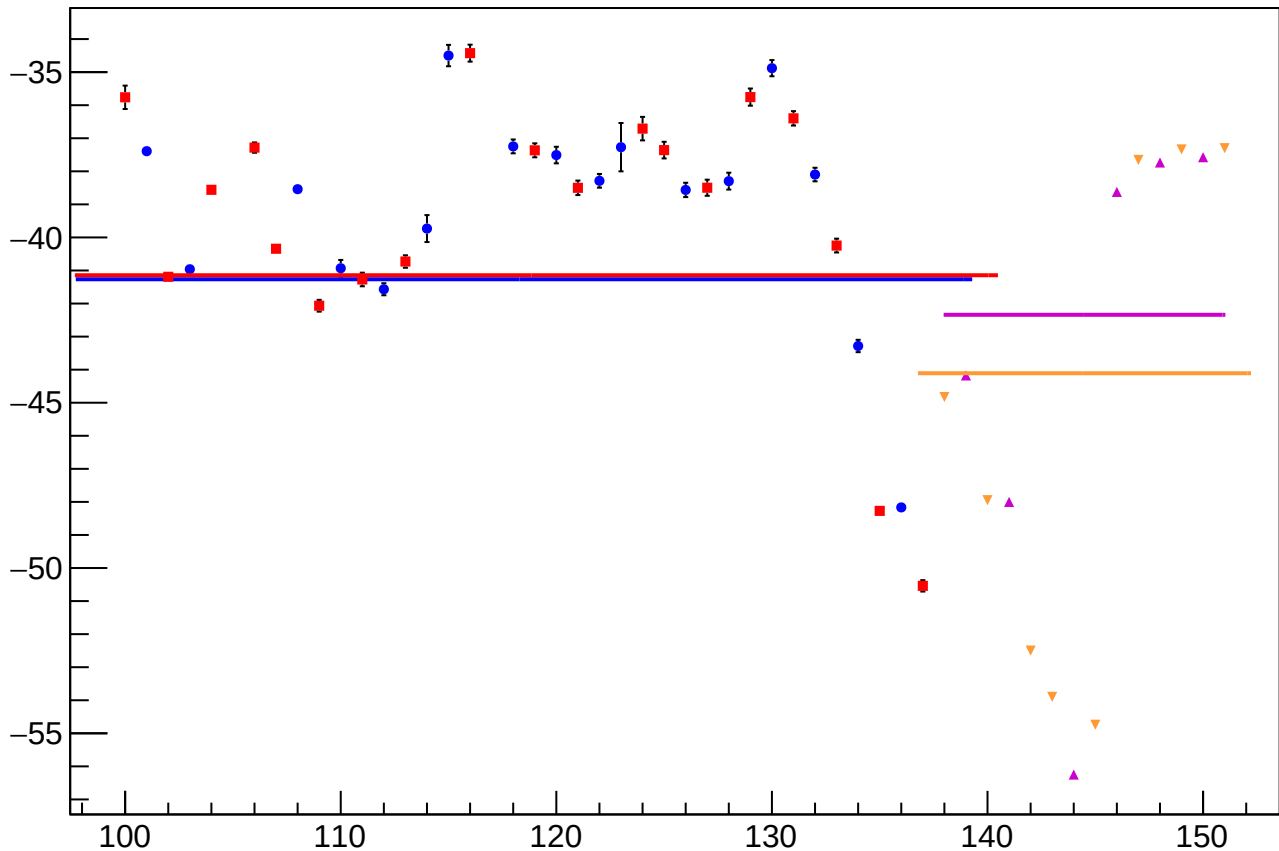
Left In: 10.541 $\pm$ 0.619 χ^2 /NDF: 336.9/5

+ sign 11.569 $\pm$ 0.445 χ^2 /NDF: 853.7/24

All: 10.423 $\pm$ 0.325 χ^2 /NDF: 1642.5/49

- sign 9.107 $\pm$ 0.477 χ^2 /NDF: 774.6/24

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF : 12570.1/16

Left Out: -44.108+/-0.030 χ^2/NDF : 54475.4/7

Right Out: -41.144+/-0.039 χ^2/NDF : 12218.7/18

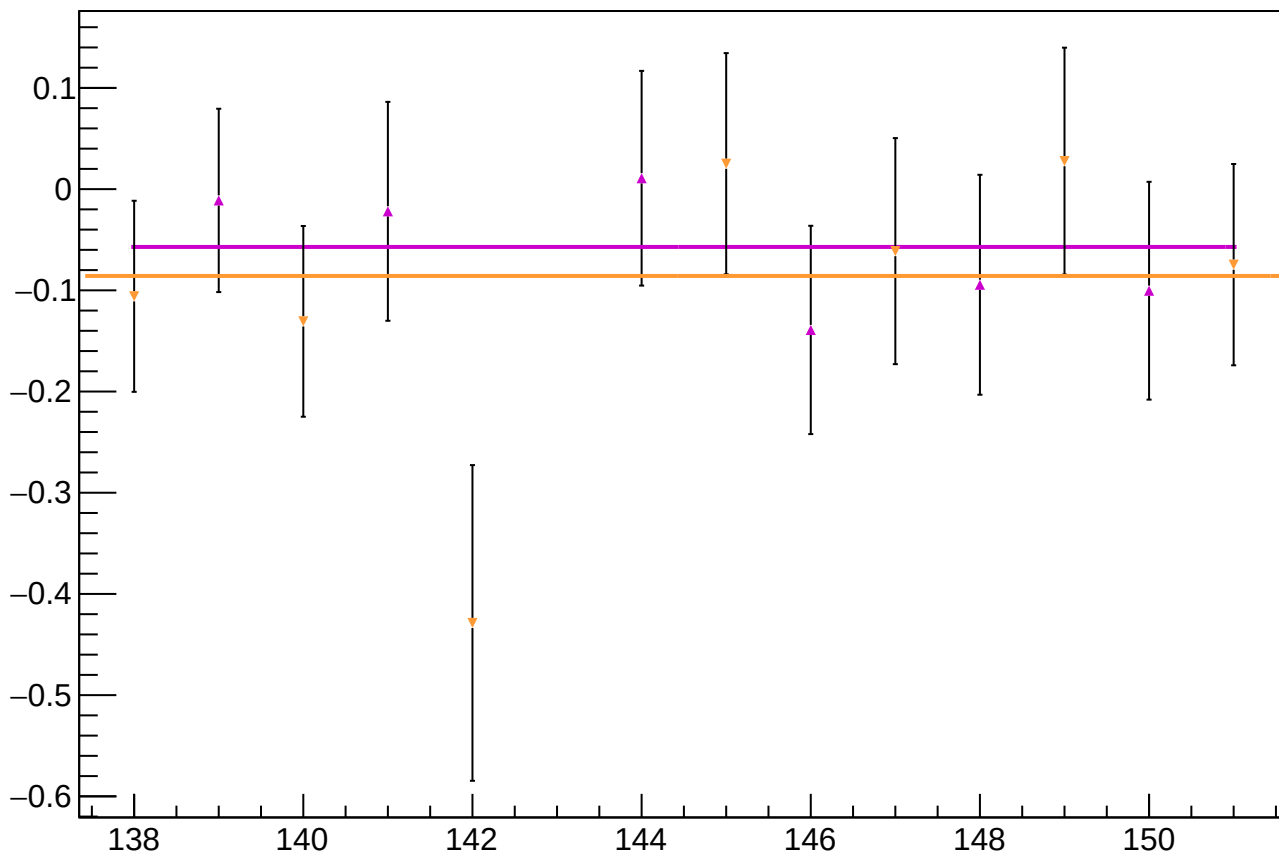
Left In: -42.340+/-0.031 χ^2/NDF : 37127.7/5

+ sign -43.043+/-0.024 χ^2/NDF : 70455.7/24

All: -42.473+/-0.017 χ^2/NDF : 121590.4/49

- sign -41.866+/-0.024 χ^2/NDF : 49925.5/24

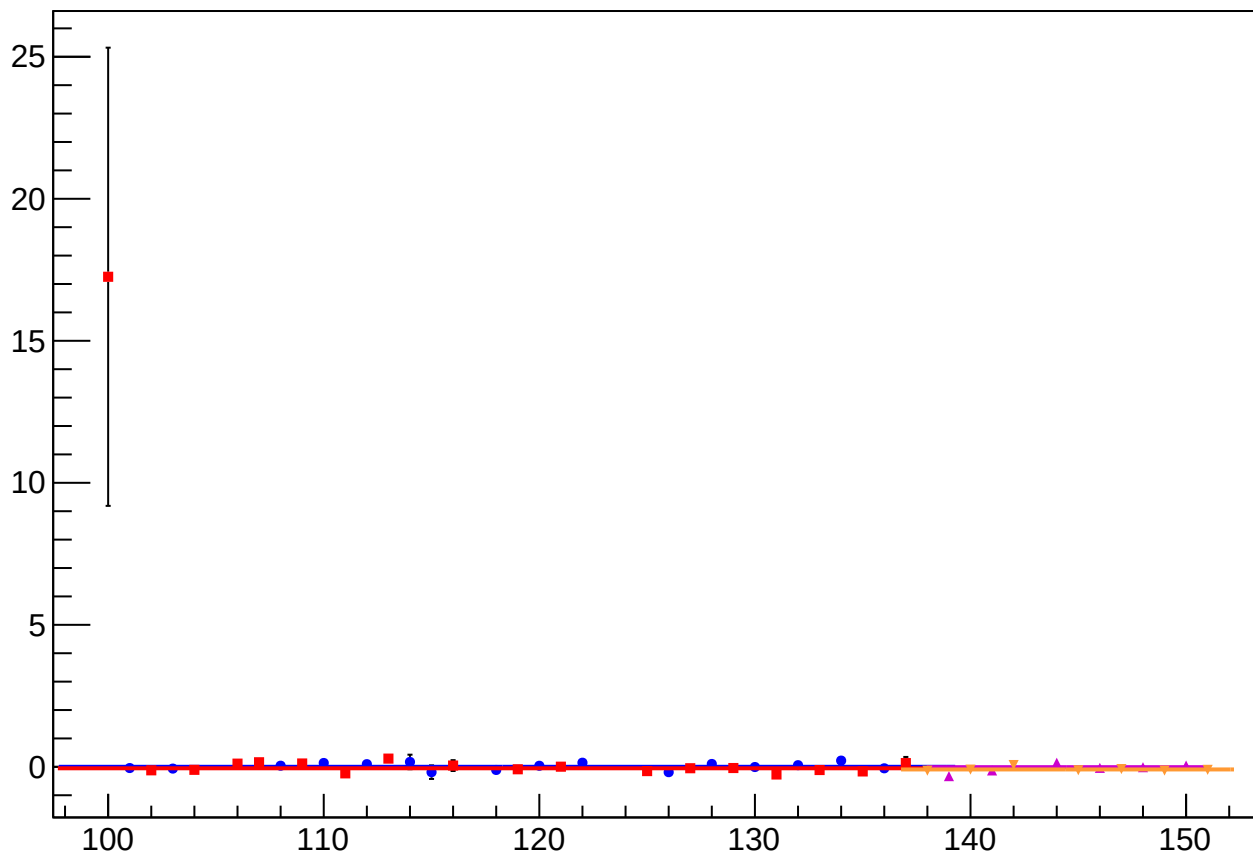
reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.086 $\pm$ 0.040 χ^2 /NDF: 7.2/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.057 $\pm$ 0.042 χ^2 /NDF: 1.7/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.072 $\pm$ 0.029 χ^2 /NDF: 9.1/12
 - 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: -0.092 ± 0.027 χ^2/NDF : 3.2/6

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

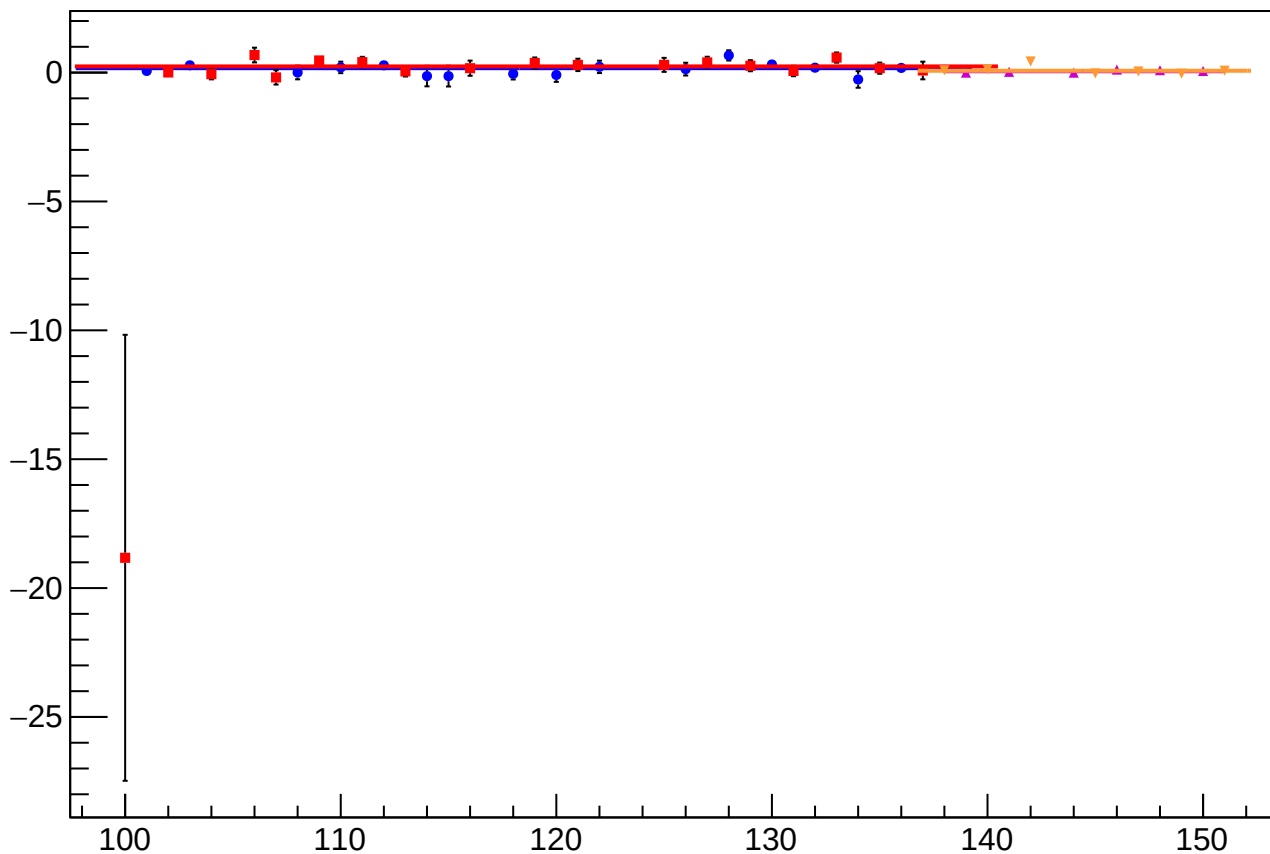
Left In: -0.011 ± 0.029 χ^2/NDF : 10.9/5

+ sign -0.047 ± 0.020 χ^2/NDF : 21.3/22

All: -0.039 ± 0.014 χ^2/NDF : 59.3/46

- sign -0.031 ± 0.021 χ^2/NDF : 37.6/23

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 ± 0.052 χ^2/NDF : 13.7/15

Left Out: 0.071 ± 0.041 χ^2/NDF : 7.0/6

Right Out: 0.239 ± 0.054 χ^2/NDF : 21.8/17

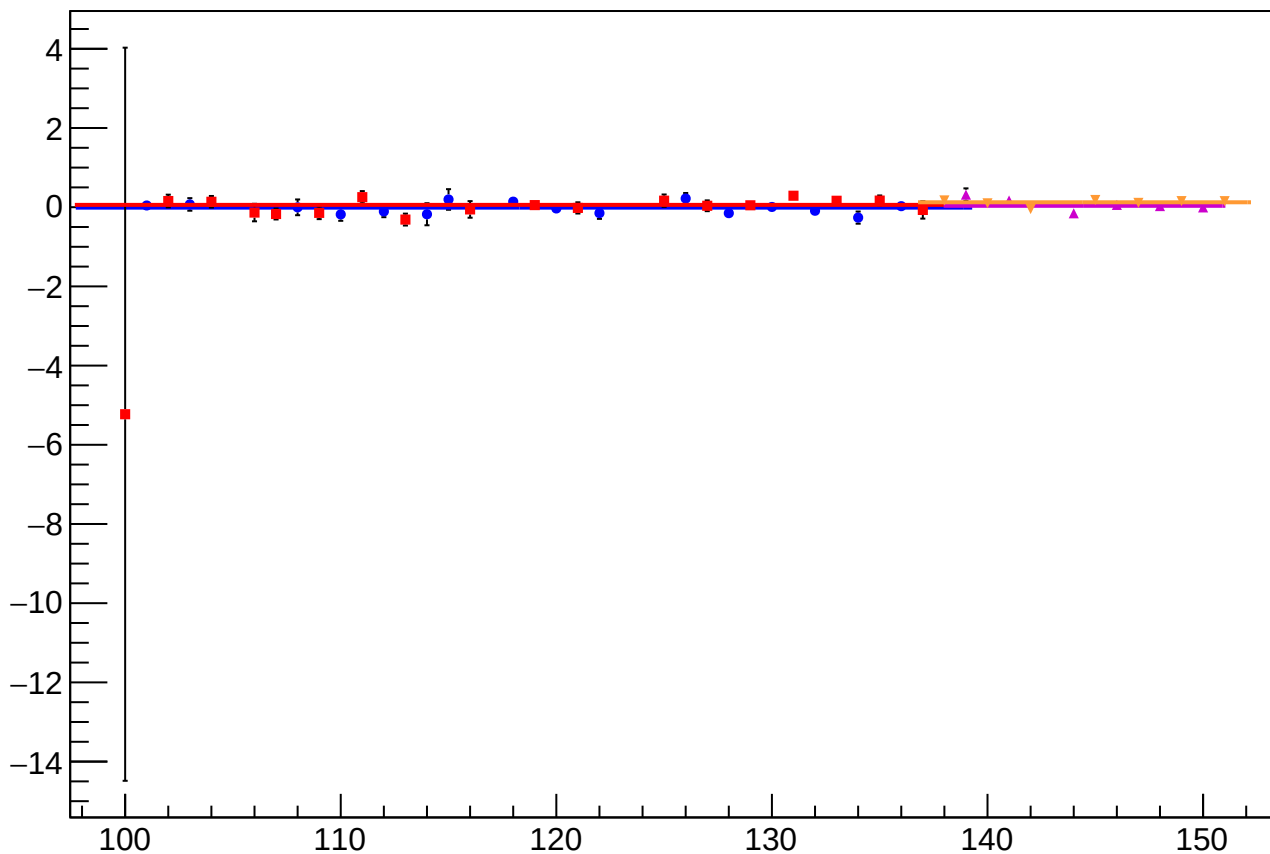
Left In: 0.052 ± 0.042 χ^2/NDF : 1.2/5

+ sign 0.109 ± 0.032 χ^2/NDF : 22.9/22

All: 0.116 ± 0.023 χ^2/NDF : 53.4/46

- sign 0.123 ± 0.033 χ^2/NDF : 30.4/23

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.124 ± 0.034 χ^2/NDF : 2.9/6

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

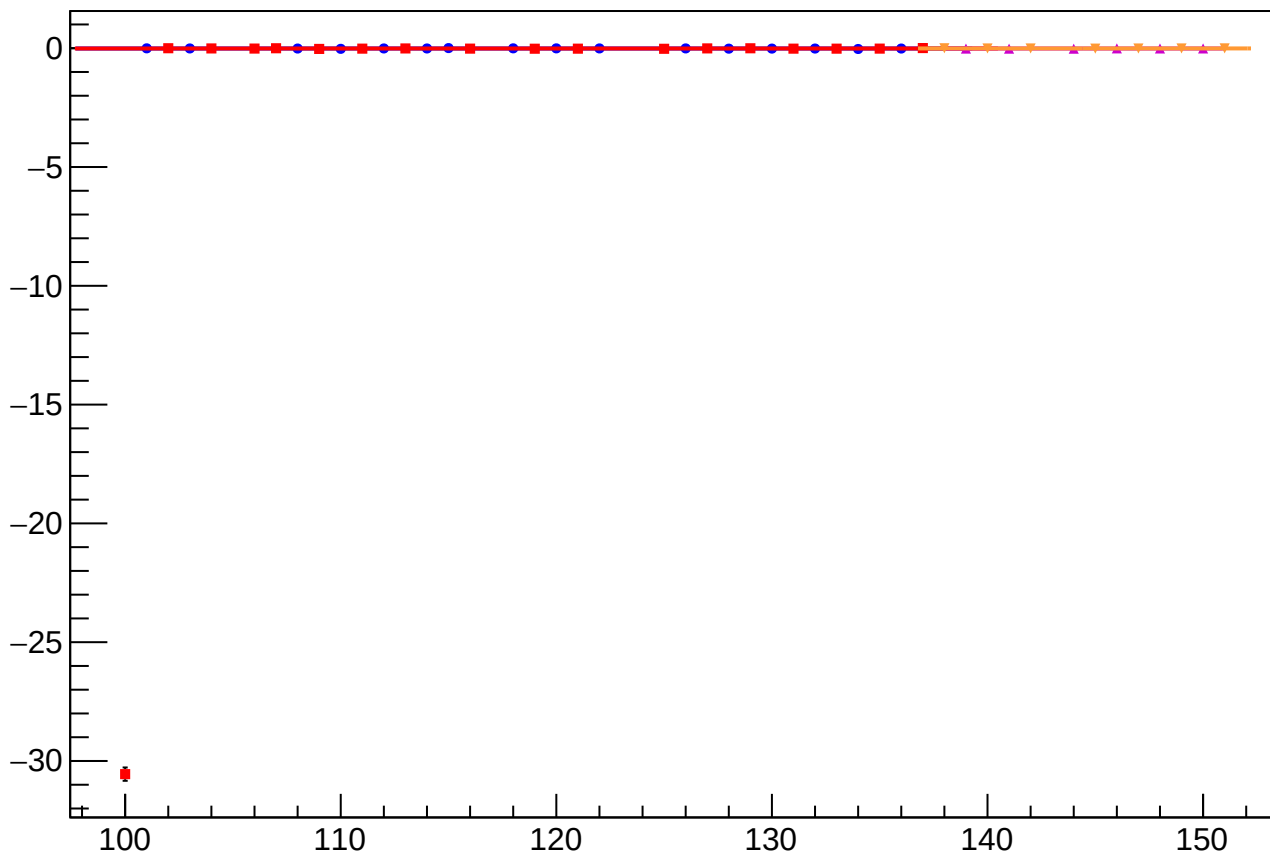
Left In: 0.035 ± 0.036 χ^2/NDF : 10.0/5

+ sign 0.053 ± 0.024 χ^2/NDF : 24.9/22

All: 0.051 ± 0.017 χ^2/NDF : 55.7/46

- sign 0.048 ± 0.025 χ^2/NDF : 30.8/23

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.009 ± 0.002 χ^2/NDF : 7.6/6

Right Out: -0.012 ± 0.002 χ^2/NDF : 11891.5/17

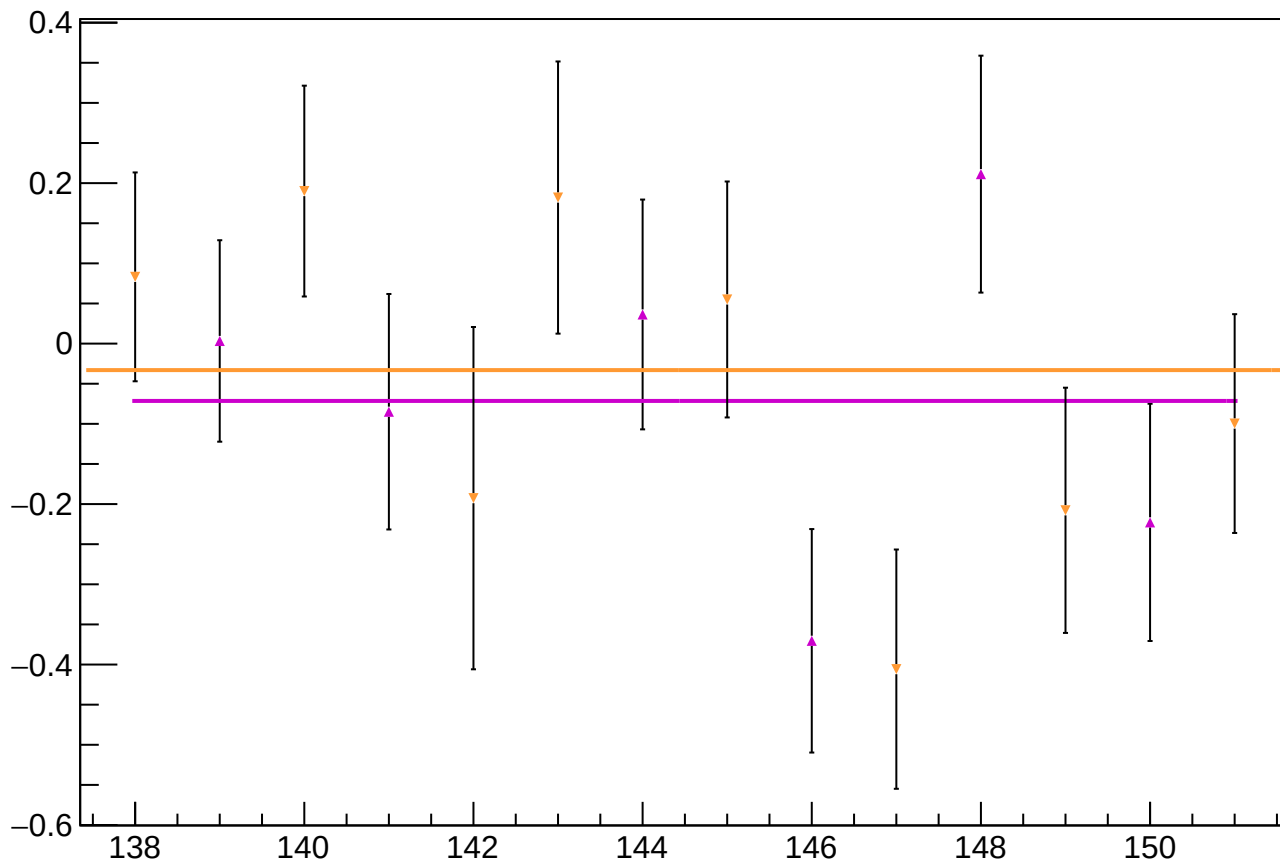
Left In: -0.013 ± 0.002 χ^2/NDF : 6.8/5

+ sign -0.010 ± 0.001 χ^2/NDF : 21.9/22

All: -0.011 ± 0.001 χ^2/NDF : 11922.2/46

- sign -0.013 ± 0.001 χ^2/NDF : 11898.5/23

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.033 $\pm$ 0.053 χ^2 /NDF:14.0/7

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

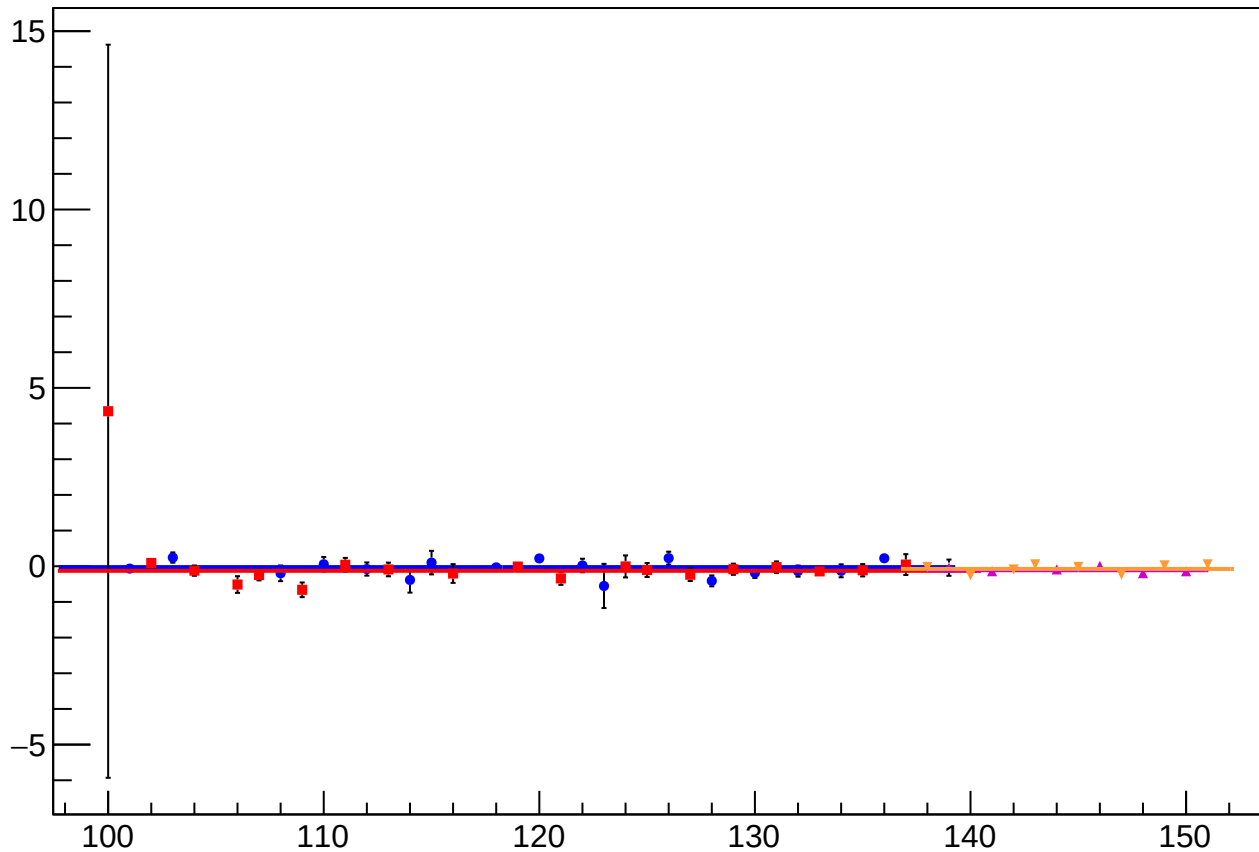
Left In: -0.071 $\pm$ 0.058 χ^2 /NDF:10.3/5

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

All: -0.051 $\pm$ 0.039 χ^2 /NDF: 24.5/13

- 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 ± 0.035 χ^2/NDF : 13.0/7

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

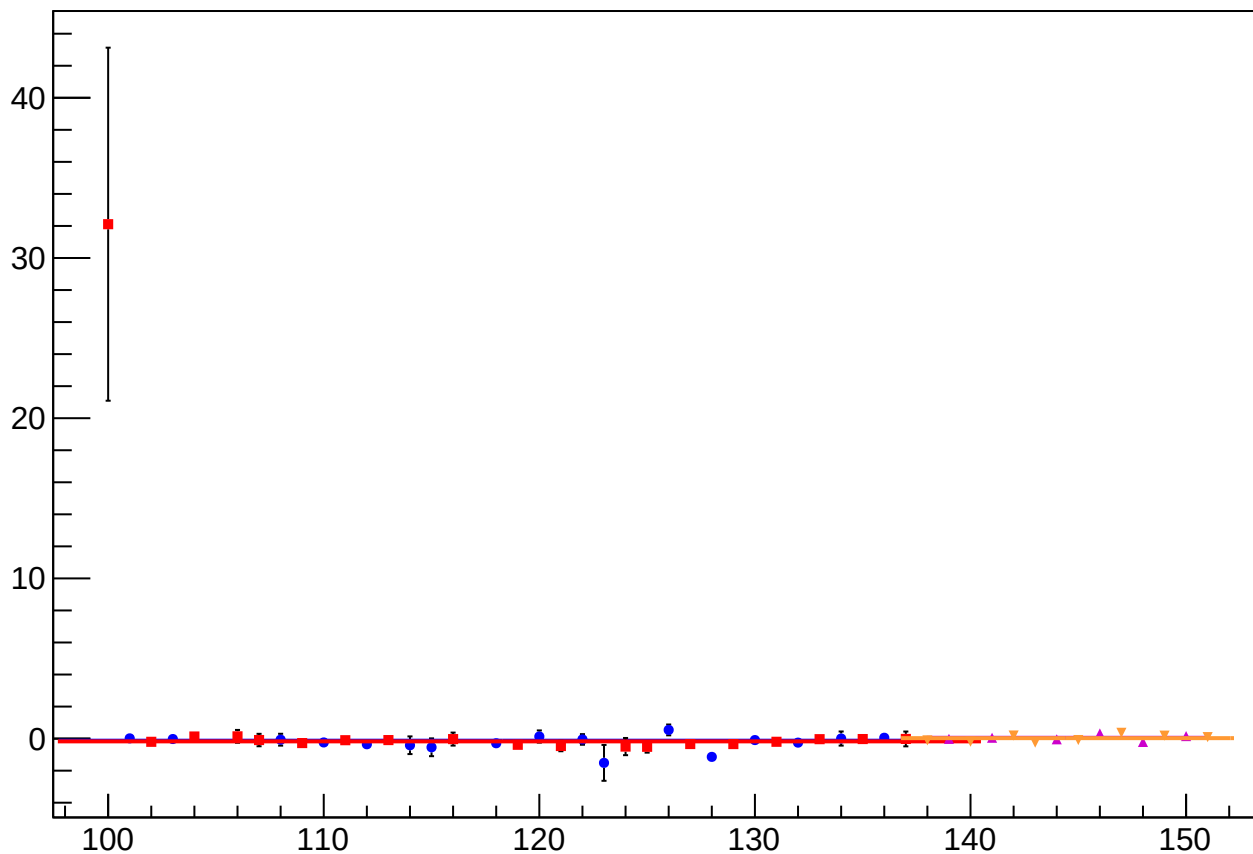
Left In: -0.111 ± 0.039 χ^2/NDF : 3.9/5

+ sign -0.051 ± 0.025 χ^2/NDF : 37.3/24

All: -0.082 ± 0.019 χ^2/NDF : 62.3/49

- sign -0.120 ± 0.028 χ^2/NDF : 21.6/24

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.029 ± 0.053 χ^2/NDF : 14.2/7

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

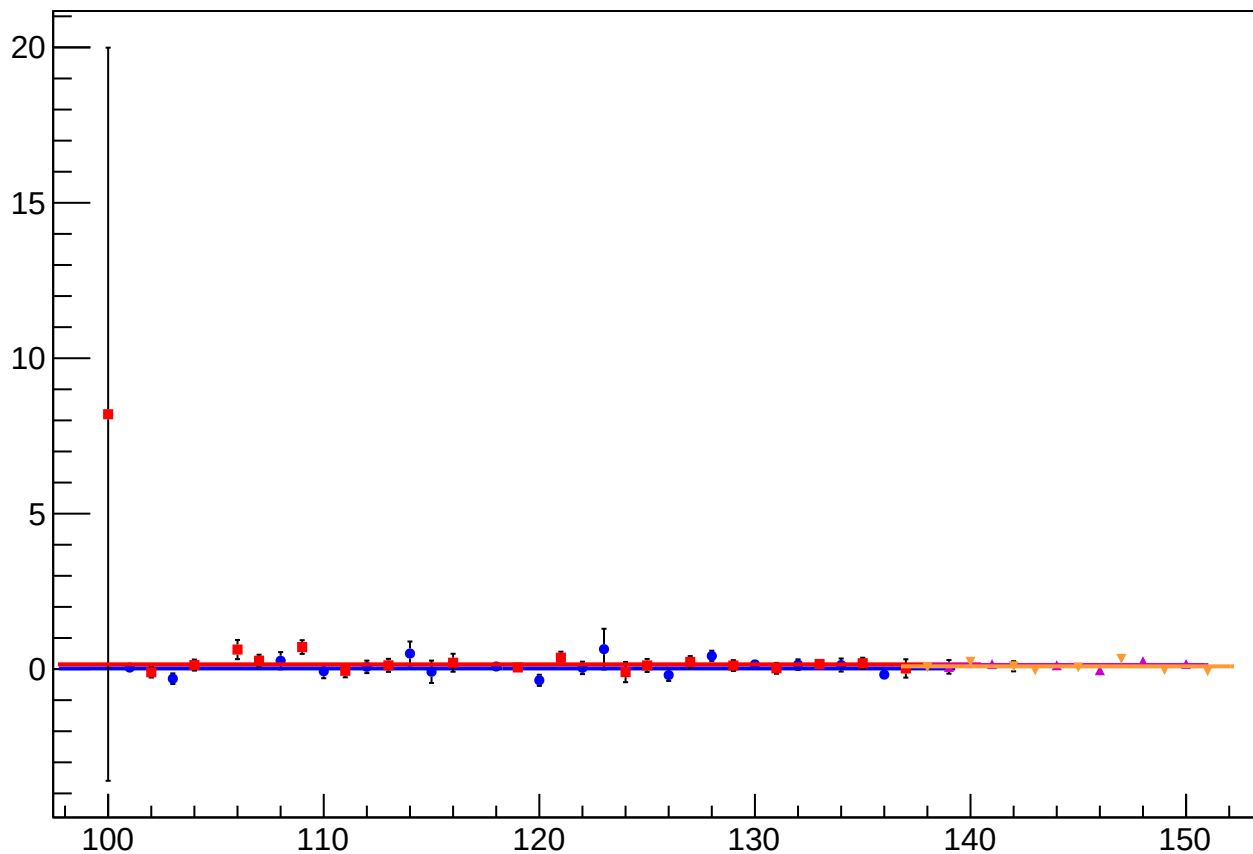
Left In: 0.051 ± 0.058 χ^2/NDF : 8.9/5

+ sign -0.033 ± 0.042 χ^2/NDF : 41.3/24

All: -0.035 ± 0.031 χ^2/NDF : 71.2/49

- sign -0.038 ± 0.045 χ^2/NDF : 29.8/24

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.088 ± 0.044 χ^2/NDF : 11.8/7

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

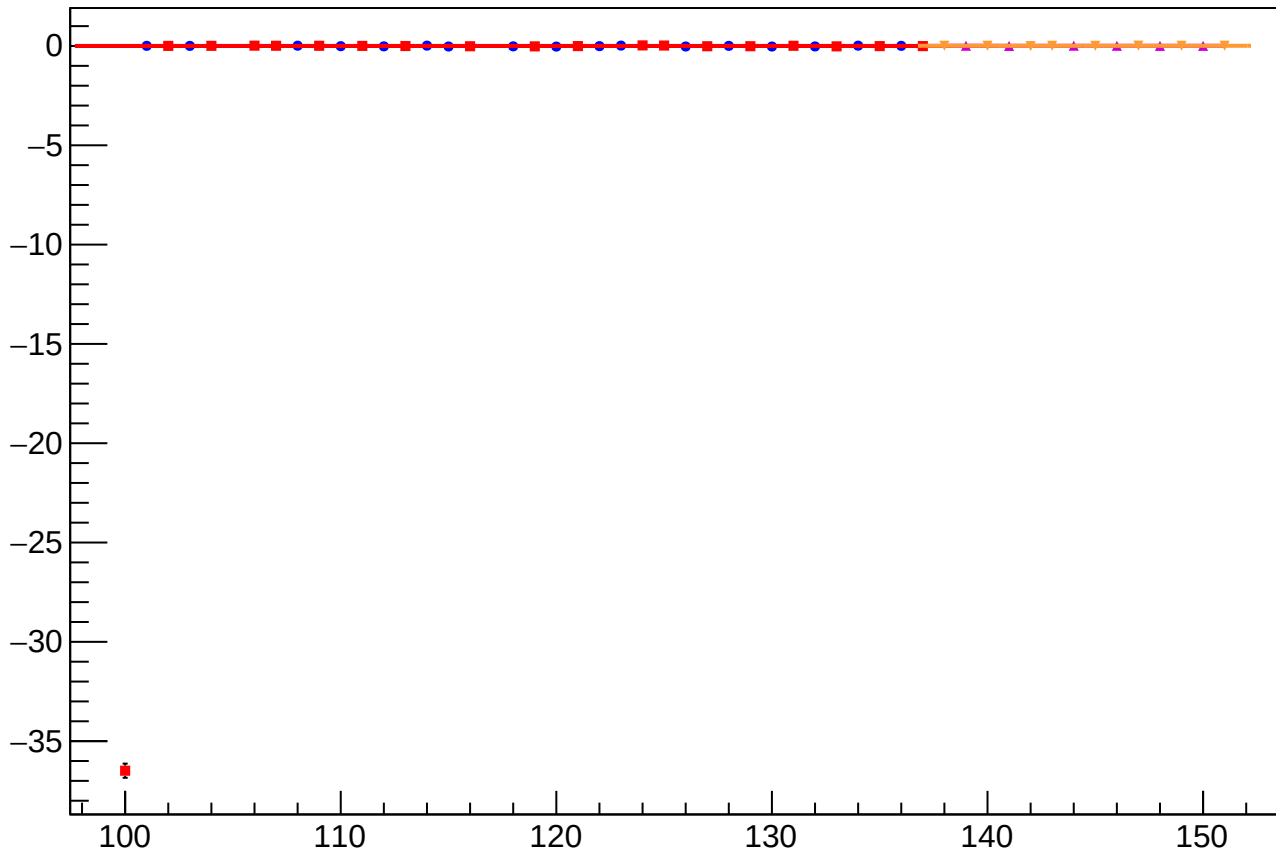
Left In: 0.130 ± 0.049 χ^2/NDF : 4.3/5

+ sign 0.053 ± 0.031 χ^2/NDF : 35.5/24

All: 0.094 ± 0.023 χ^2/NDF : 60.0/49

- sign 0.142 ± 0.033 χ^2/NDF : 20.6/24

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF : 32.4/16

Left Out: 0.010+/-0.002 χ^2/NDF : 4.5/7

Right Out: 0.001+/-0.002 χ^2/NDF : 10449.1/18

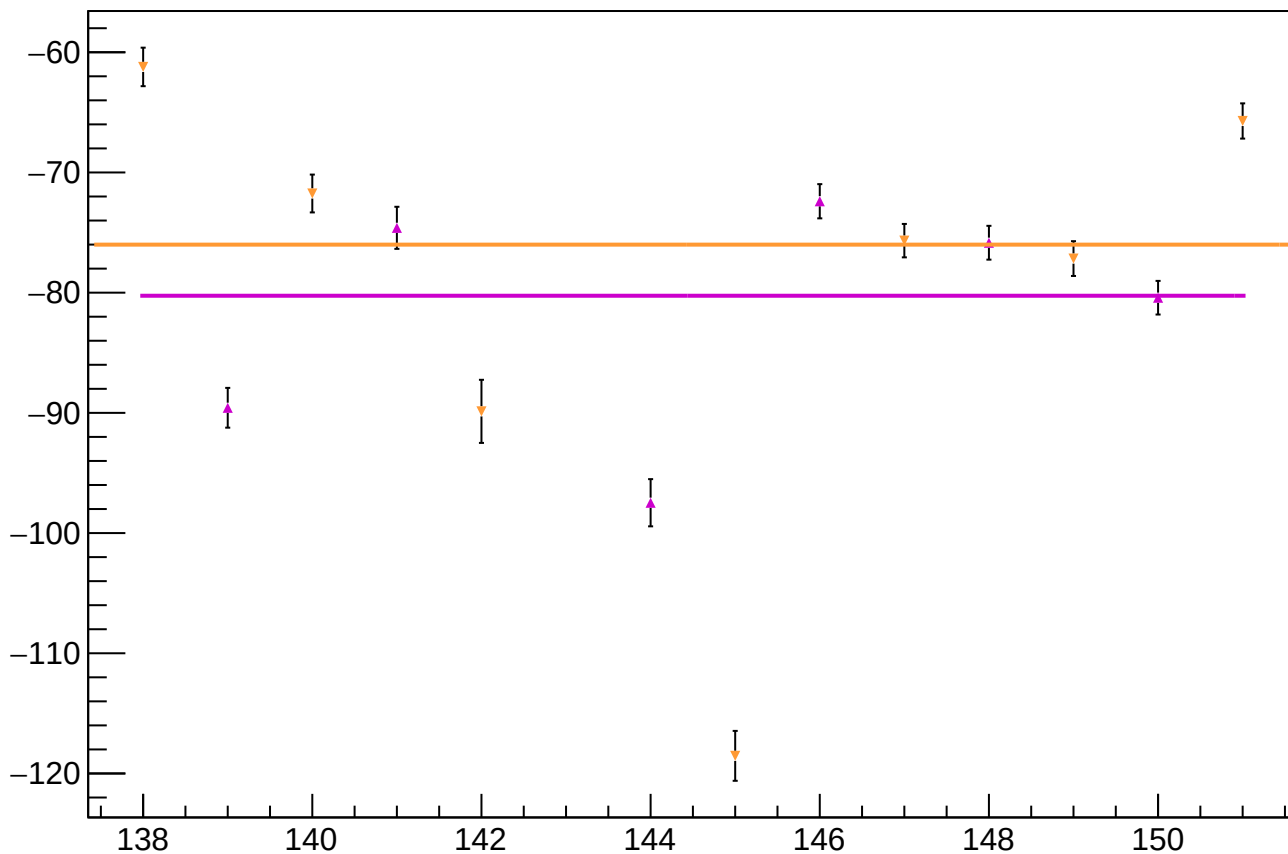
Left In: 0.010+/-0.002 χ^2/NDF : 2.4/5

+ sign 0.006+/-0.002 χ^2/NDF : 45.2/24

All: 0.005+/-0.001 χ^2/NDF : 10504.1/49

- sign 0.005+/-0.002 χ^2/NDF : 10458.9/24

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -76.004+/-0.616 χ^2/NDF : 590.2/6

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

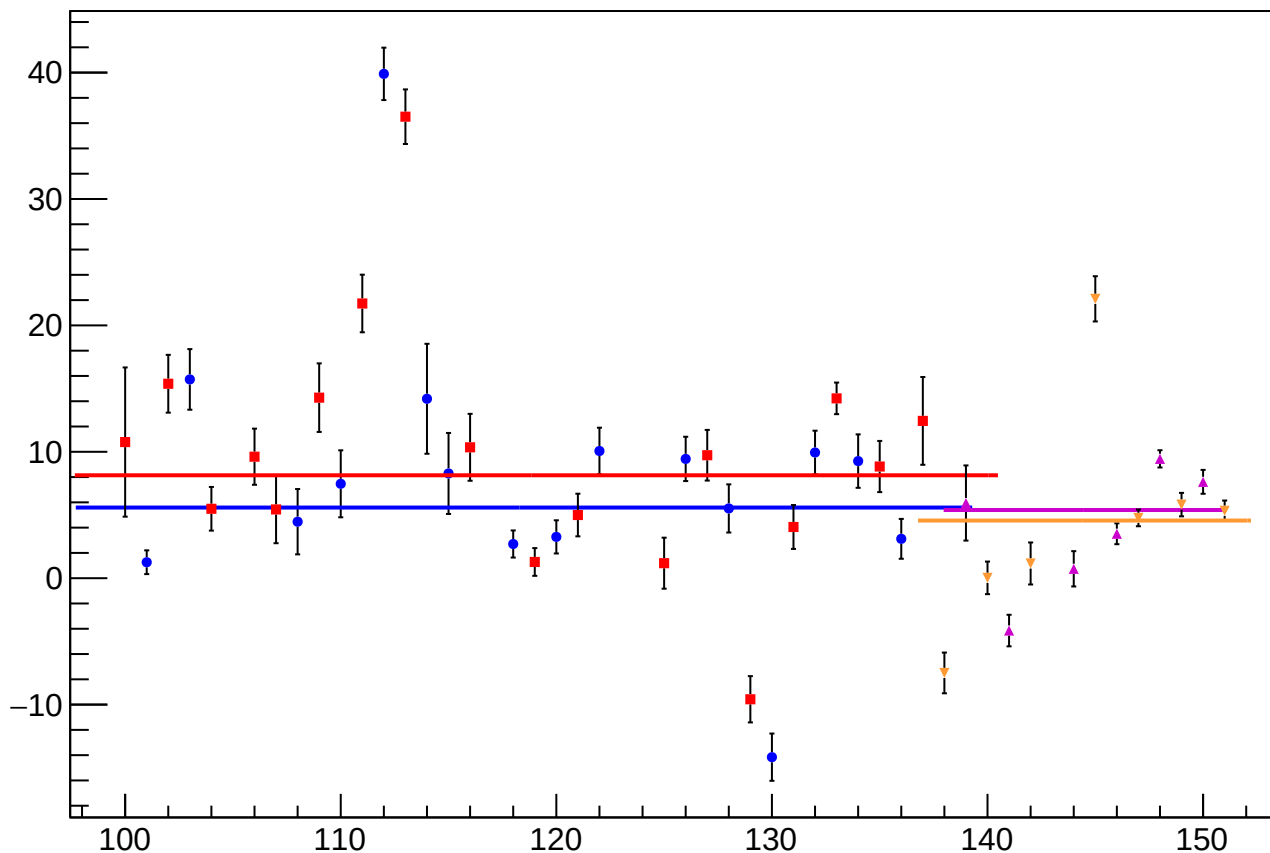
Left In: -80.256+/-0.637 χ^2/NDF : 159.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.059+/-0.443 χ^2/NDF : 772.6/12

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 4.562 ± 0.388 χ^2/NDF : 171.6/6

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

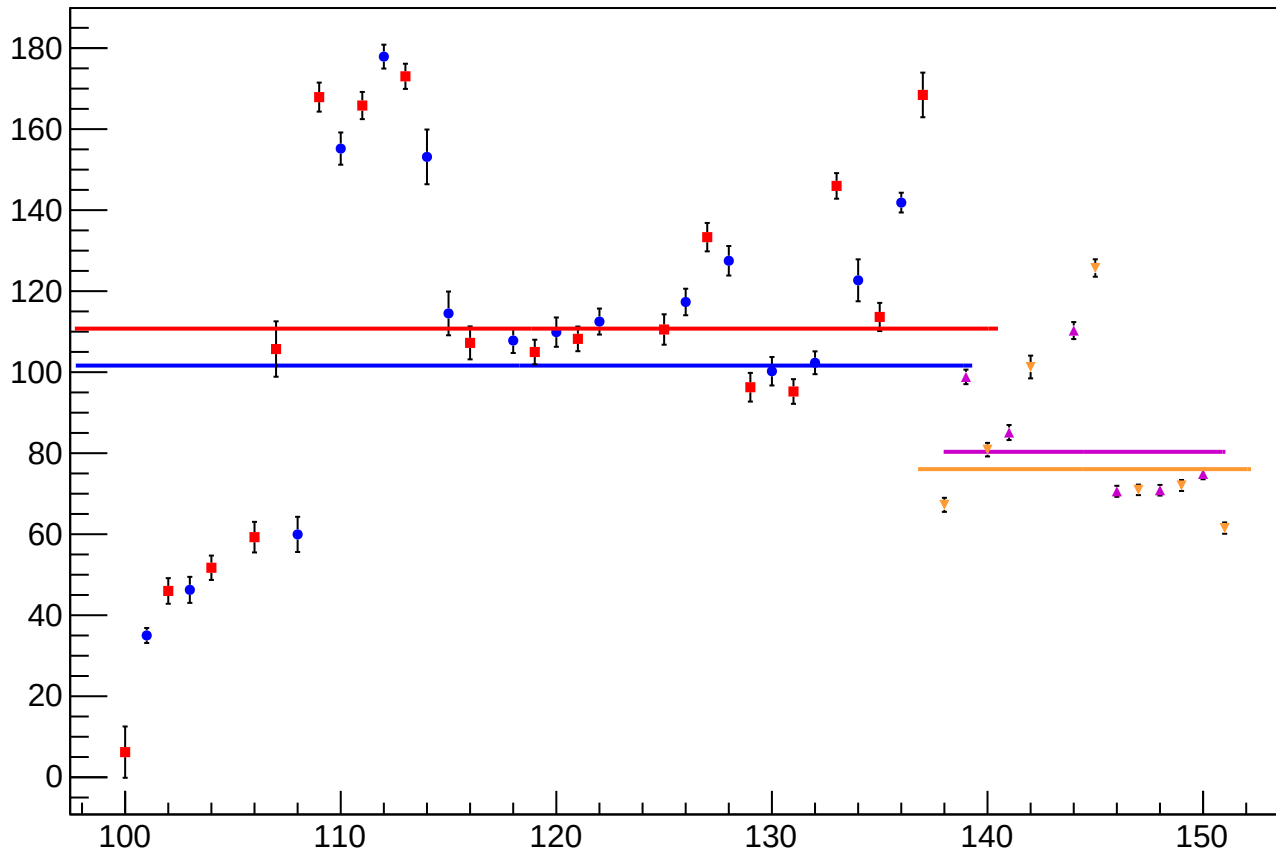
Left In: 5.394 ± 0.408 χ^2/NDF : 115.5/5

+ sign 5.030 ± 0.286 χ^2/NDF : 637.6/22

All: 5.780 ± 0.208 χ^2/NDF : 1195.7/46

- sign 6.623 ± 0.303 χ^2/NDF : 543.5/23

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 76.065 $\pm$ 0.611 χ^2 /NDF: 778.4/6

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

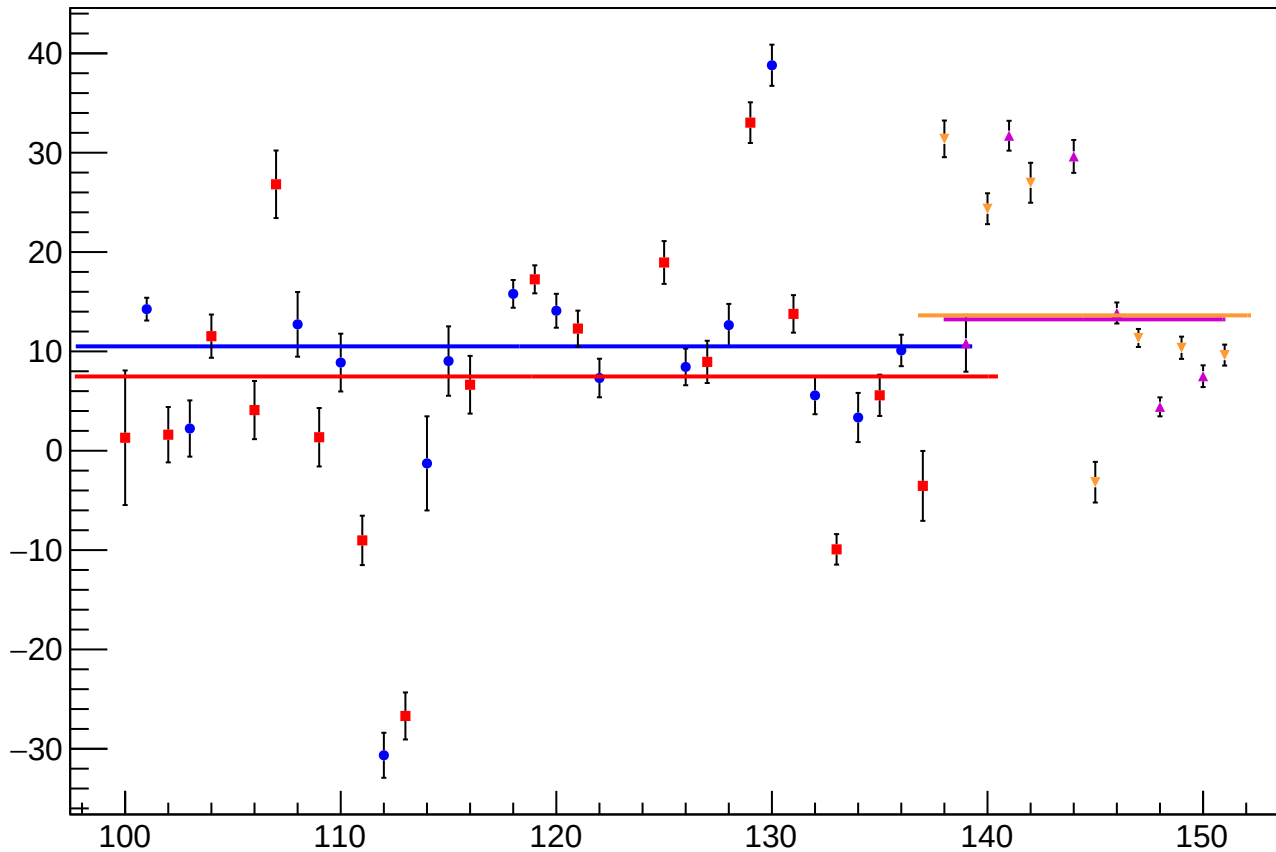
Left In: 80.337 $\pm$ 0.629 χ^2 /NDF: 436.8/5

+ sign 85.376 $\pm$ 0.487 χ^2 /NDF: 4395.5/22

All: 88.259 $\pm$ 0.350 χ^2 /NDF: 8262.7/46

- sign 91.331 $\pm$ 0.503 χ^2 /NDF: 3794.8/23

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 ± 0.492 χ^2/NDF : 581.5/15

Left Out: 13.627 ± 0.494 χ^2/NDF : 280.8/6

Right Out: 7.477 ± 0.524 χ^2/NDF : 689.3/17

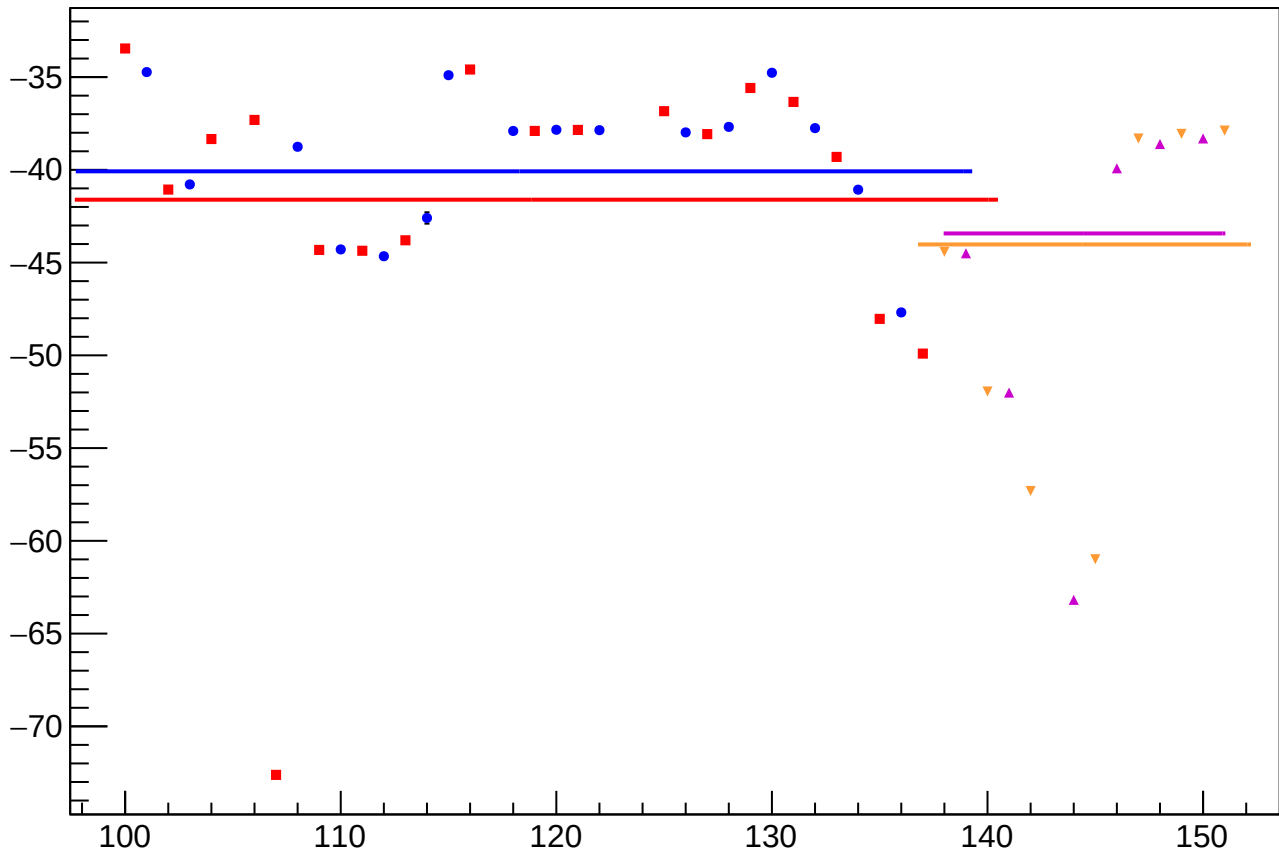
Left In: 13.224 ± 0.516 χ^2/NDF : 363.0/5

+ sign 12.061 ± 0.349 χ^2/NDF : 882.3/22

All: 11.272 ± 0.253 χ^2/NDF : 2006.5/46

- sign 10.395 ± 0.368 χ^2/NDF : 1113.4/23

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -44.022 ± 0.026 $\chi^2/\text{NDF}: 94425.6/6$

Right Out: -41.609 ± 0.029 $\chi^2/\text{NDF}: 61784.6/17$

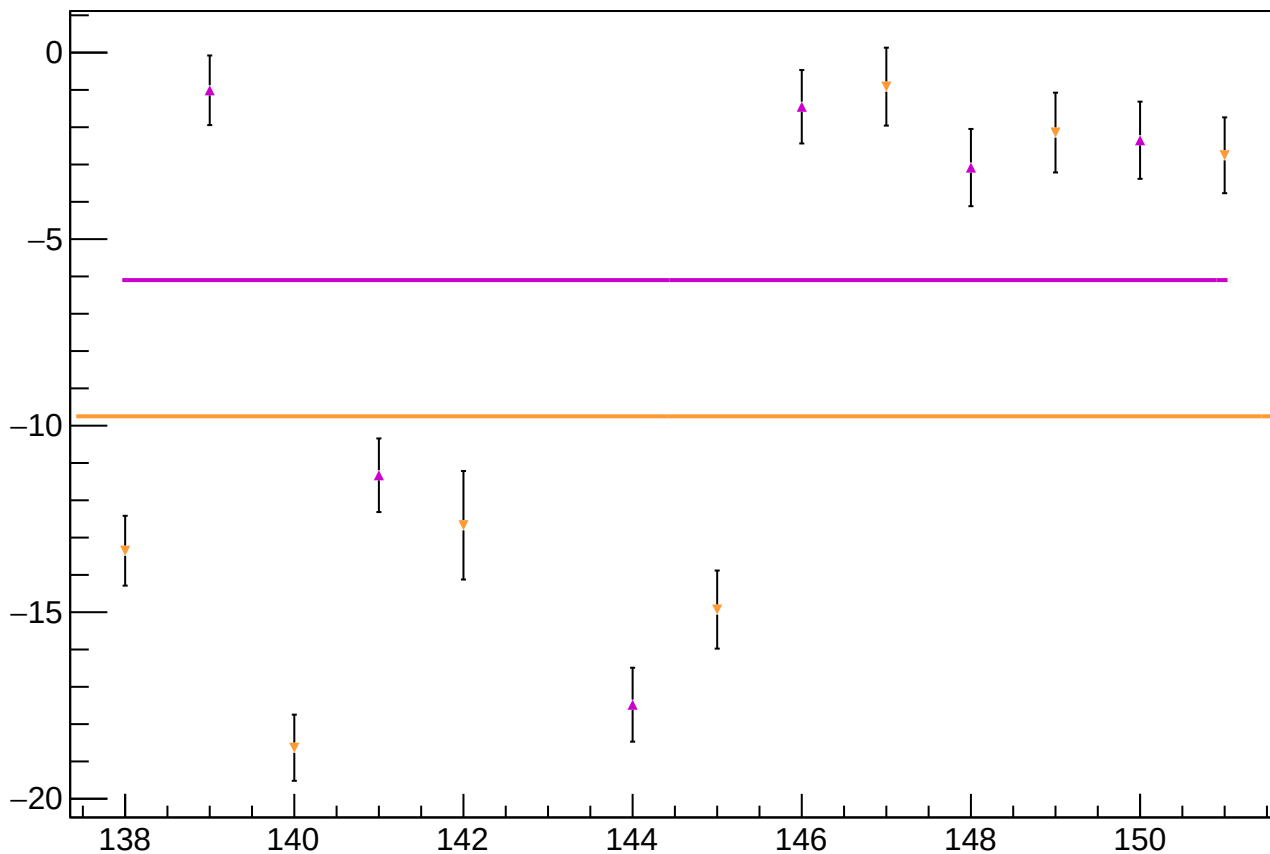
Left In: -43.428 ± 0.026 $\chi^2/\text{NDF}: 78428.5/5$

+ sign -42.187 ± 0.019 $\chi^2/\text{NDF}: 129999.2/22$

All: -42.390 ± 0.014 $\chi^2/\text{NDF}: 272630.5/46$

- sign -42.595 ± 0.019 $\chi^2/\text{NDF}: 142408.0/23$

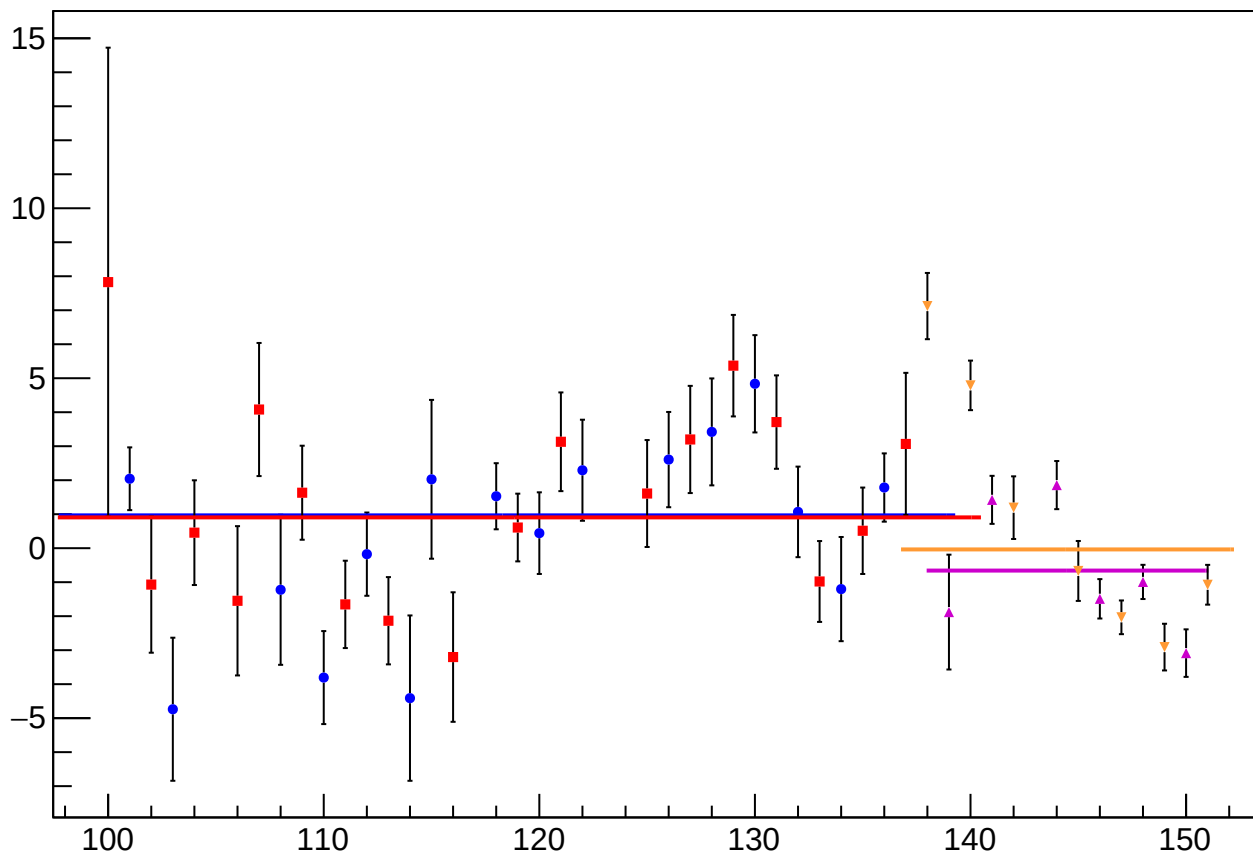
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.749 $\pm$ 0.390 χ^2 /NDF:313.3/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.098 $\pm$ 0.405 χ^2 /NDF:233.6/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -7.991 $\pm$ 0.281 χ^2 /NDF: 589.1/12
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 $\chi^2/\text{NDF}: 42.9/15$

Left Out: -0.036 ± 0.263 $\chi^2/\text{NDF}: 137.0/6$

Right Out: 0.906 ± 0.354 $\chi^2/\text{NDF}: 42.0/17$

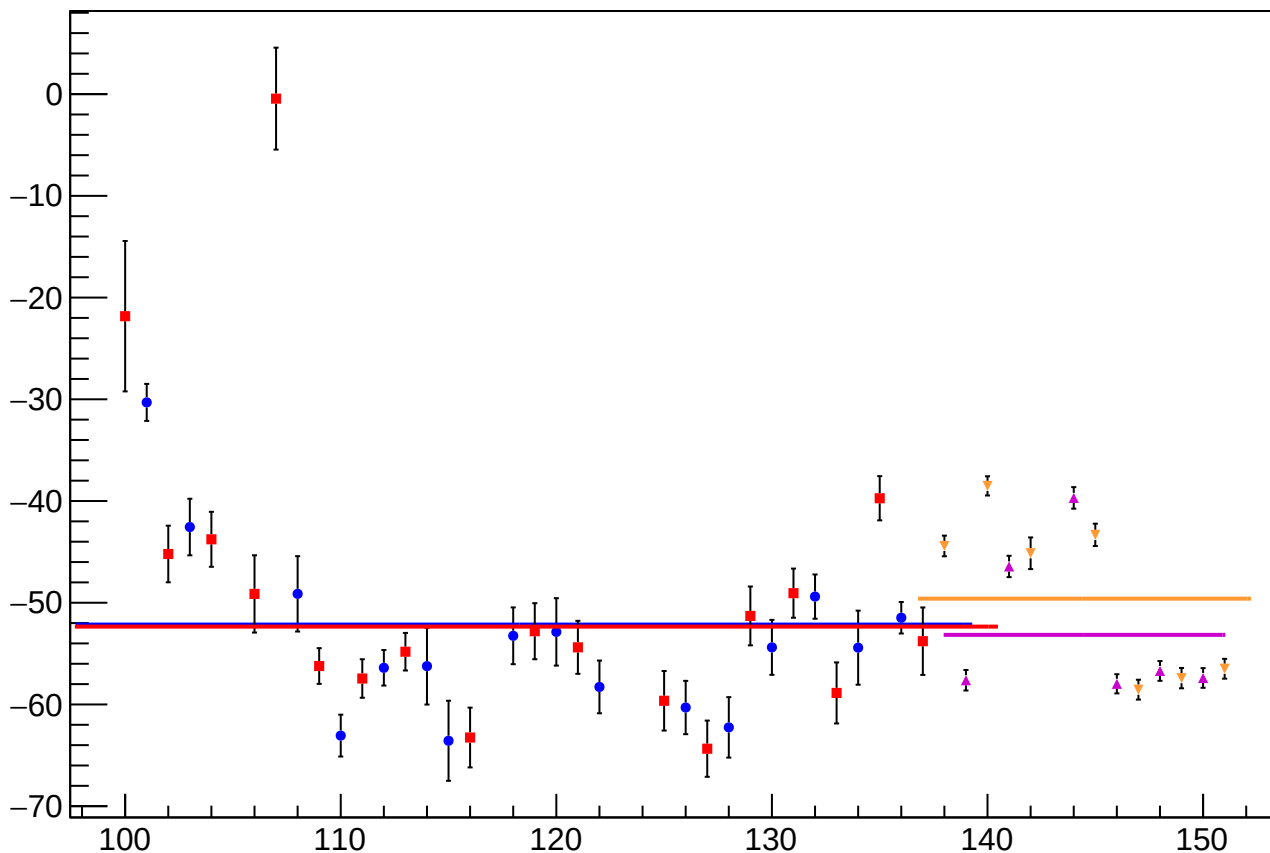
Left In: -0.659 ± 0.274 $\chi^2/\text{NDF}: 36.4/5$

+ sign 0.340 ± 0.207 $\chi^2/\text{NDF}: 185.4/22$

All: 0.143 ± 0.150 $\chi^2/\text{NDF}: 277.9/46$

- sign -0.072 ± 0.217 $\chi^2/\text{NDF}: 90.6/23$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -49.597 ± 0.394 χ^2/NDF : 399.9/6

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

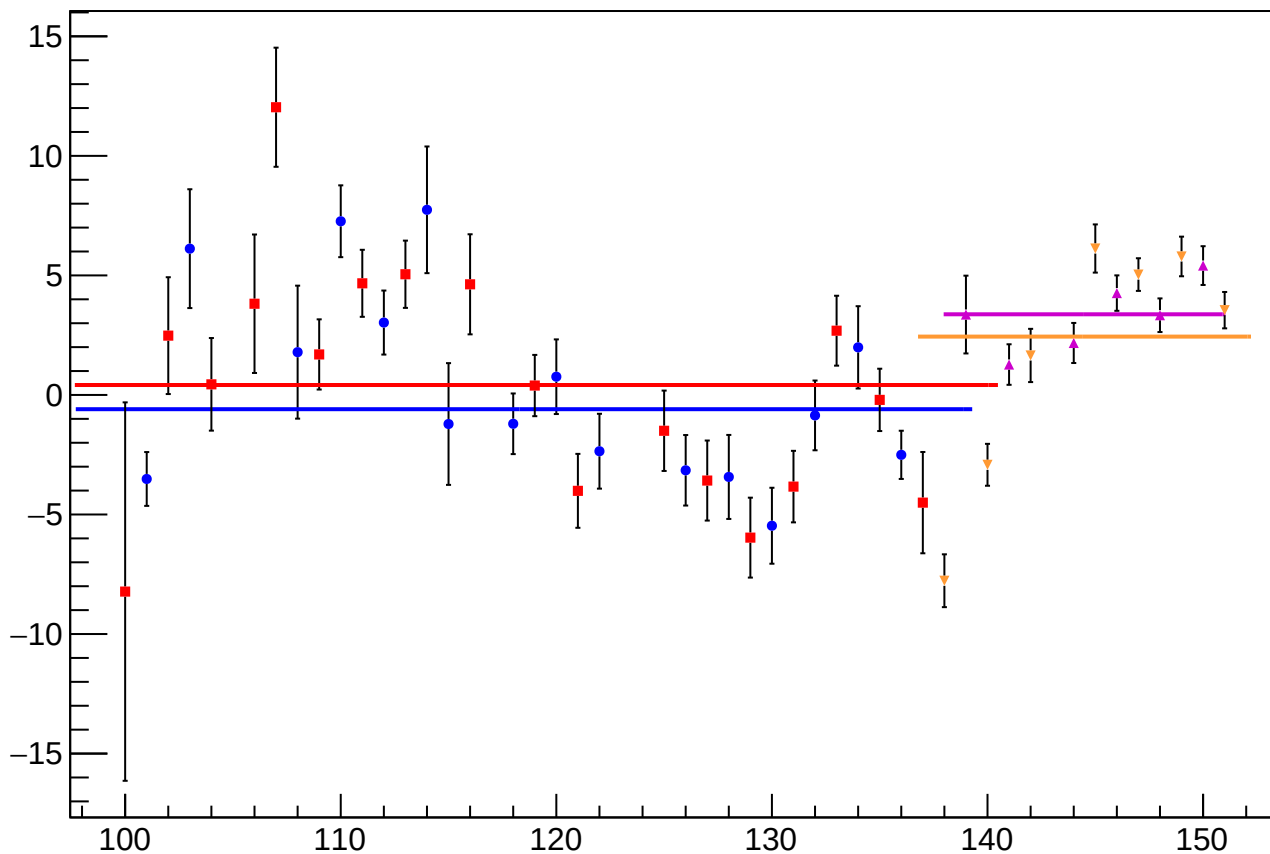
Left In: -53.159 ± 0.407 χ^2/NDF : 280.6/5

+ sign -50.345 ± 0.331 χ^2/NDF : 642.4/22

All: -51.597 ± 0.237 χ^2/NDF : 1189.2/46

- sign -52.912 ± 0.340 χ^2/NDF : 517.5/23

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596±/0.384 χ^2/NDF : 82.6/15

Left Out: 2.441±/0.329 χ^2/NDF : 169.6/6

Right Out: 0.416±/0.400 χ^2/NDF : 95.8/17

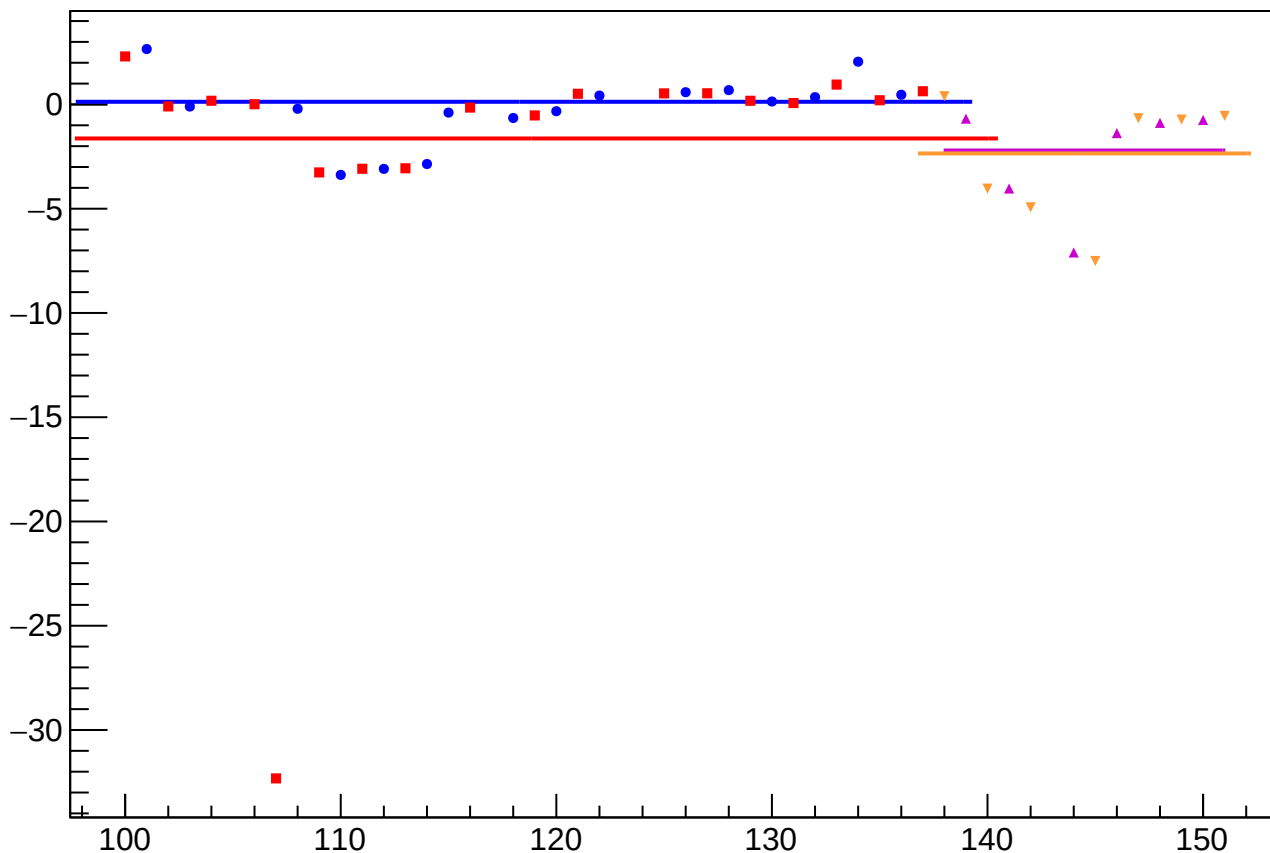
Left In: 3.374±/0.342 χ^2/NDF : 15.9/5

+ sign 1.154±/0.250 χ^2/NDF : 288.3/22

All: 1.620±/0.180 χ^2/NDF : 438.9/46

- sign 2.124±/0.260 χ^2/NDF : 143.4/23

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -2.350 ± 0.017 $\chi^2/\text{NDF}: 27042.3/6$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

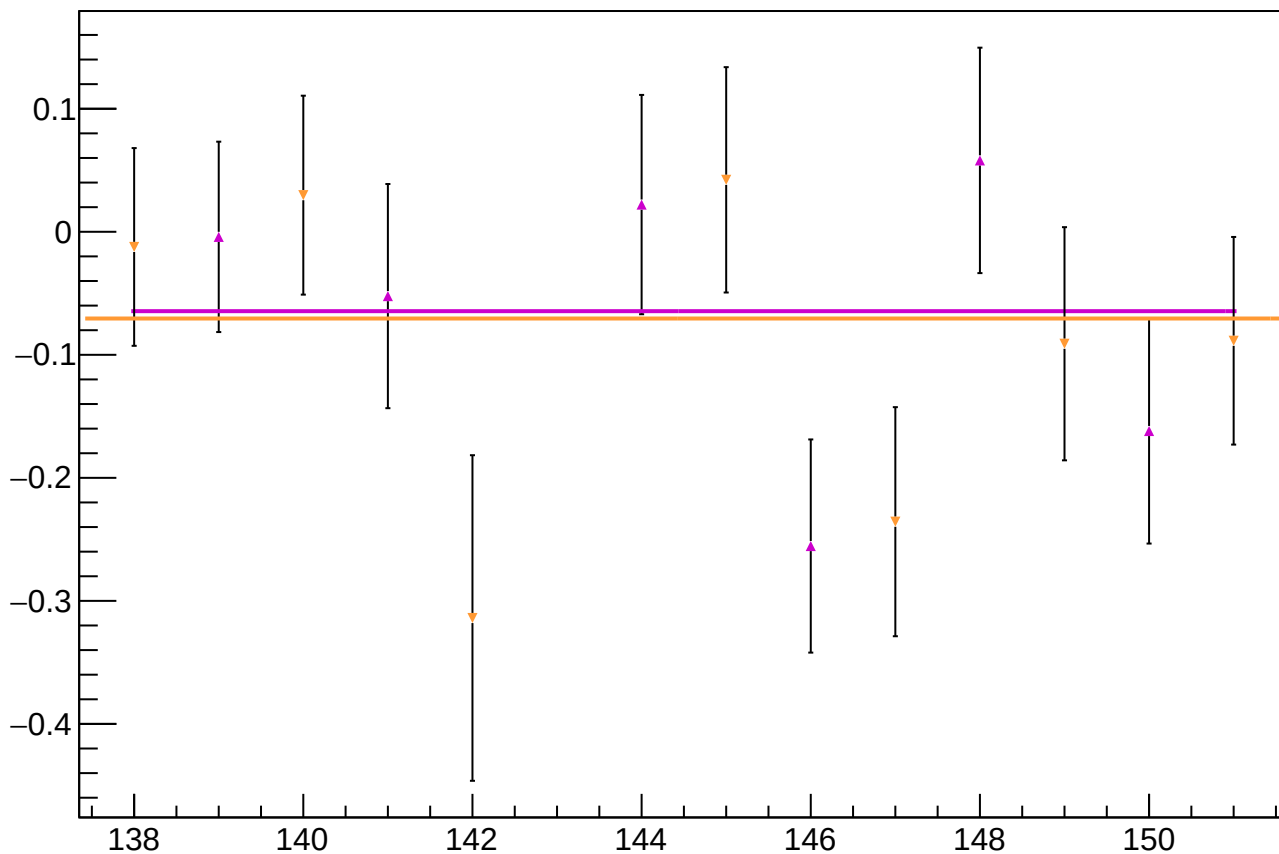
Left In: -2.208 ± 0.017 $\chi^2/\text{NDF}: 17526.6/5$

+ sign -1.419 ± 0.013 $\chi^2/\text{NDF}: 40589.4/22$

All: -1.702 ± 0.009 $\chi^2/\text{NDF}: 137370.7/46$

- sign -1.992 ± 0.013 $\chi^2/\text{NDF}: 95843.7/23$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.070 $\pm$ 0.034 χ^2 /NDF:10.2/6

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

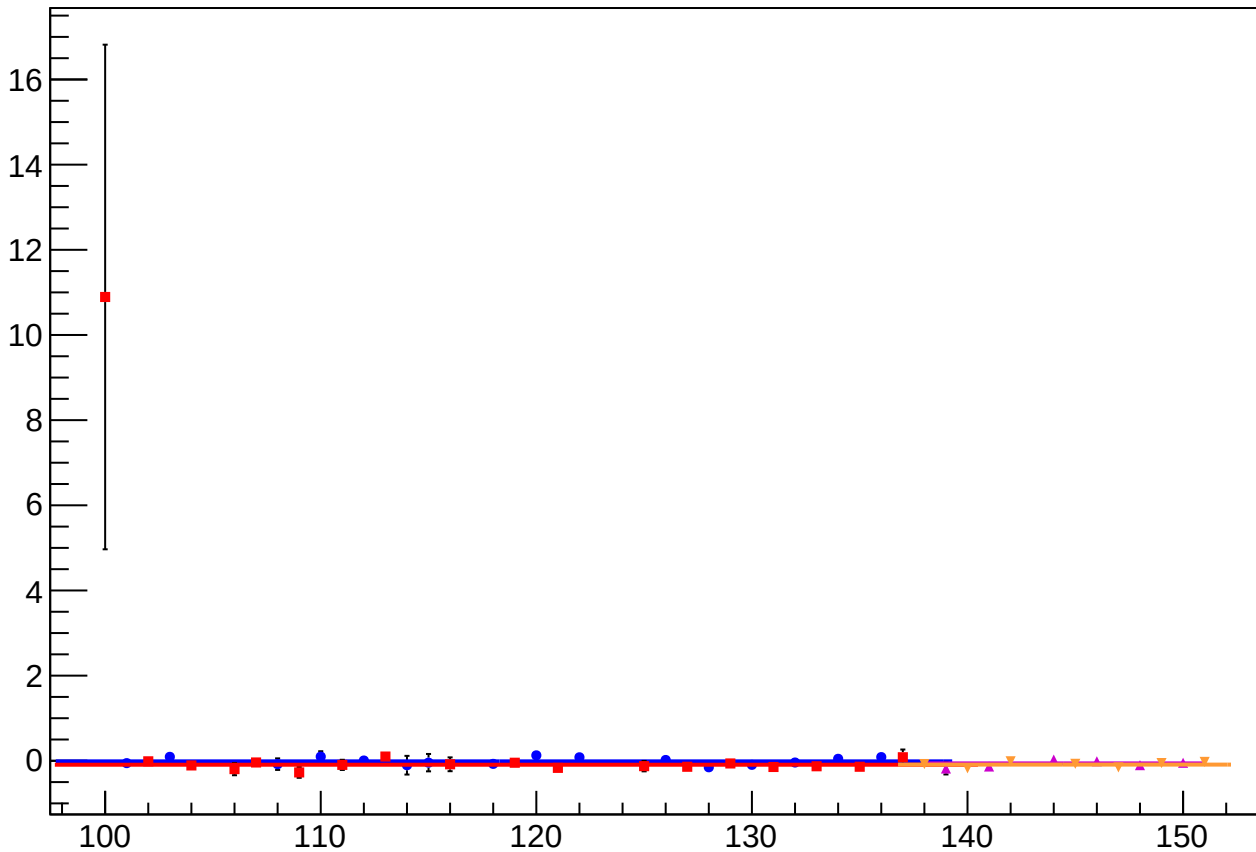
Left In: -0.065 $\pm$ 0.036 χ^2 /NDF:9.4/5

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

All: -0.068 $\pm$ 0.025 χ^2 /NDF: 19.6/12

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

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.089 ± 0.023 χ^2/NDF : 7.0/6

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

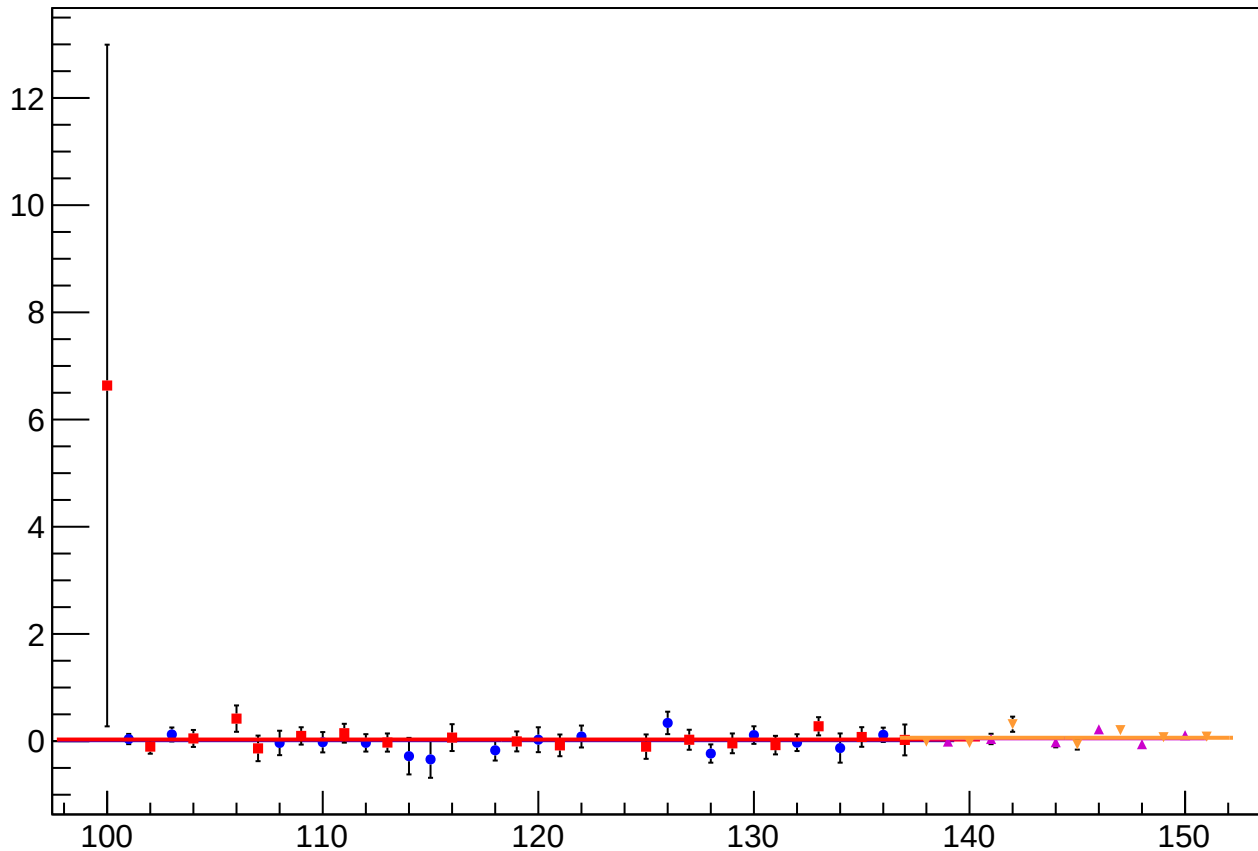
Left In: -0.060 ± 0.024 χ^2/NDF : 5.8/5

+ sign -0.052 ± 0.016 χ^2/NDF : 24.7/22

All: -0.063 ± 0.012 χ^2/NDF : 45.0/46

- sign -0.076 ± 0.017 χ^2/NDF : 19.3/23

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.063 ± 0.035 χ^2/NDF : 9.6/6

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

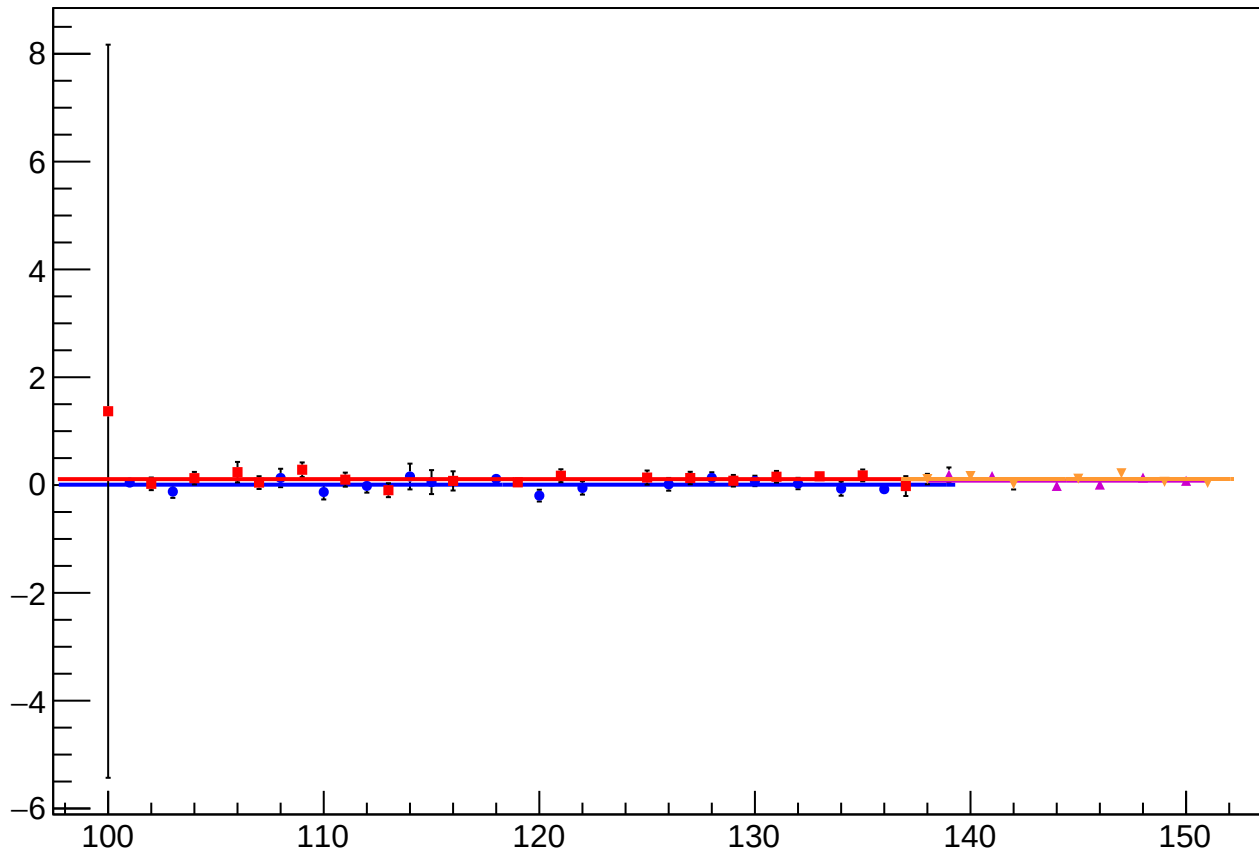
Left In: 0.052 ± 0.036 χ^2/NDF : 7.3/5

+ sign 0.045 ± 0.027 χ^2/NDF : 19.9/22

All: 0.044 ± 0.019 χ^2/NDF : 36.5/46

- sign 0.043 ± 0.028 χ^2/NDF : 16.7/23

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.112 $\pm$ 0.029 χ^2 /NDF: 6.2/6

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

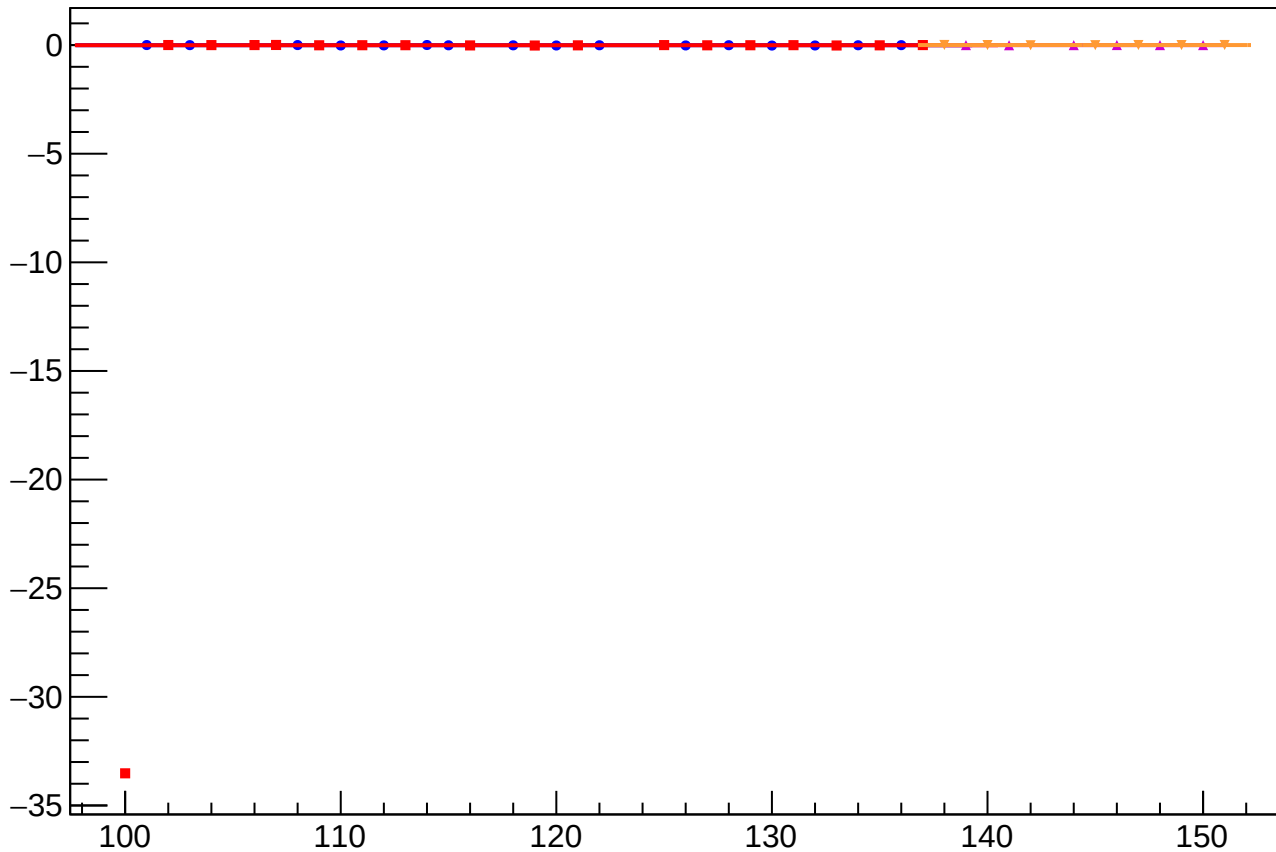
Left In: 0.082 $\pm$ 0.030 χ^2 /NDF: 5.6/5

+ sign 0.056 $\pm$ 0.020 χ^2 /NDF: 25.5/22

All: 0.075 $\pm$ 0.014 χ^2 /NDF: 41.5/46

- sign 0.097 $\pm$ 0.021 χ^2 /NDF: 14.0/23

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 : 6.6/6

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

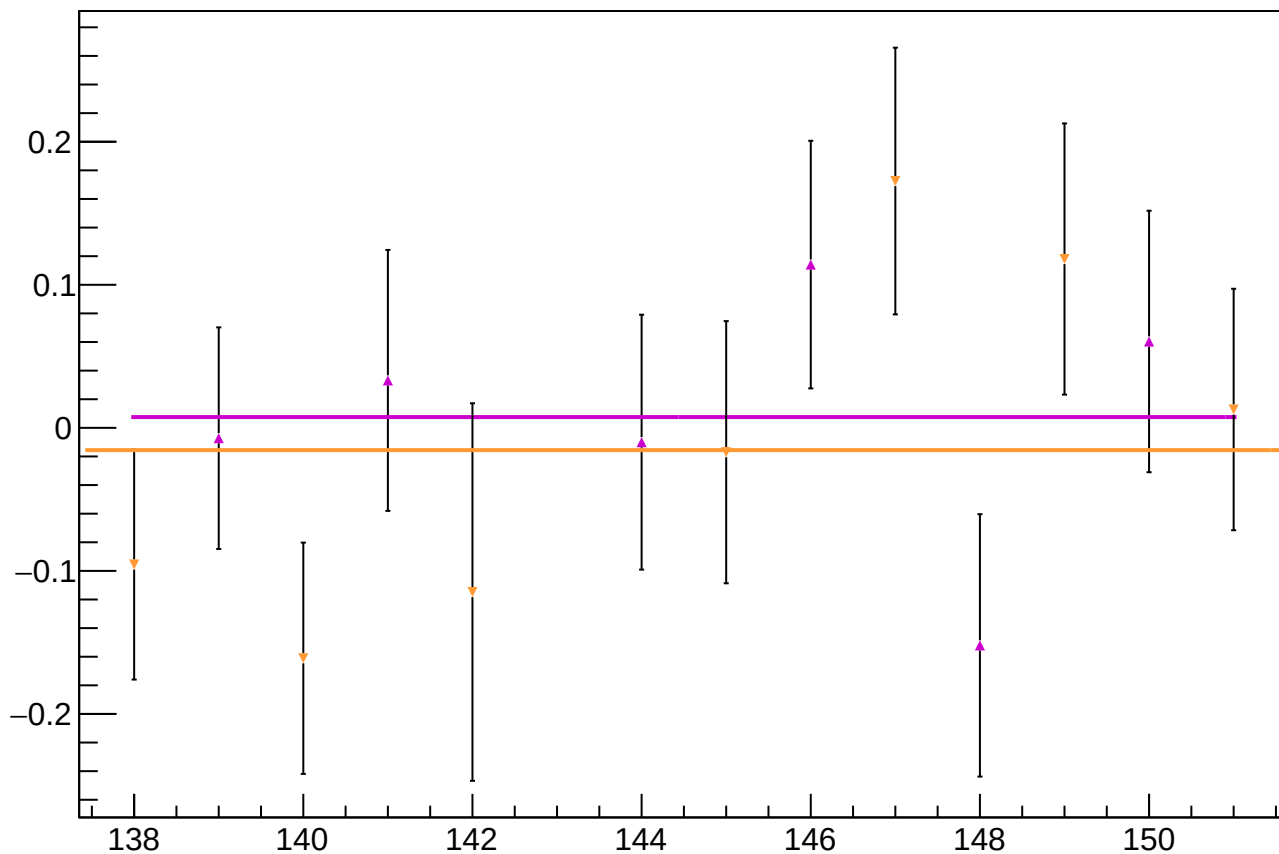
Left In: -0.002 ± 0.001 χ^2/NDF : 3.0/5

+ sign -0.002 ± 0.001 χ^2/NDF : 38.3/22

All: -0.003 ± 0.001 χ^2/NDF : 26555.4/46

- sign -0.004 ± 0.001 χ^2/NDF : 26516.2/23

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.016 $\pm$ 0.034 χ^2 /NDF:11.0/6

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

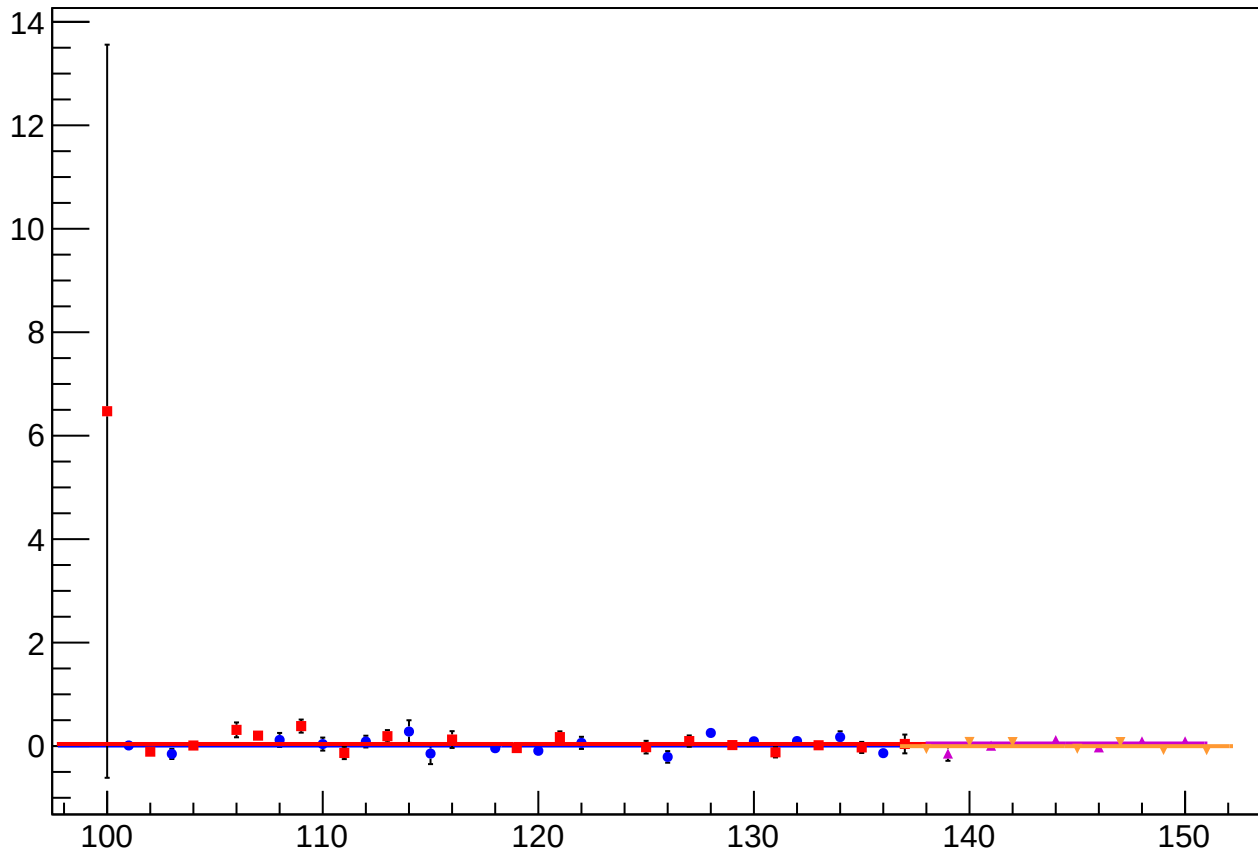
Left In: 0.008 $\pm$ 0.036 χ^2 /NDF:5.0/5

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

All: -0.004 $\pm$ 0.025 χ^2 /NDF: 16.2/12

- 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 ± 0.023 χ^2/NDF : 10.6/6

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

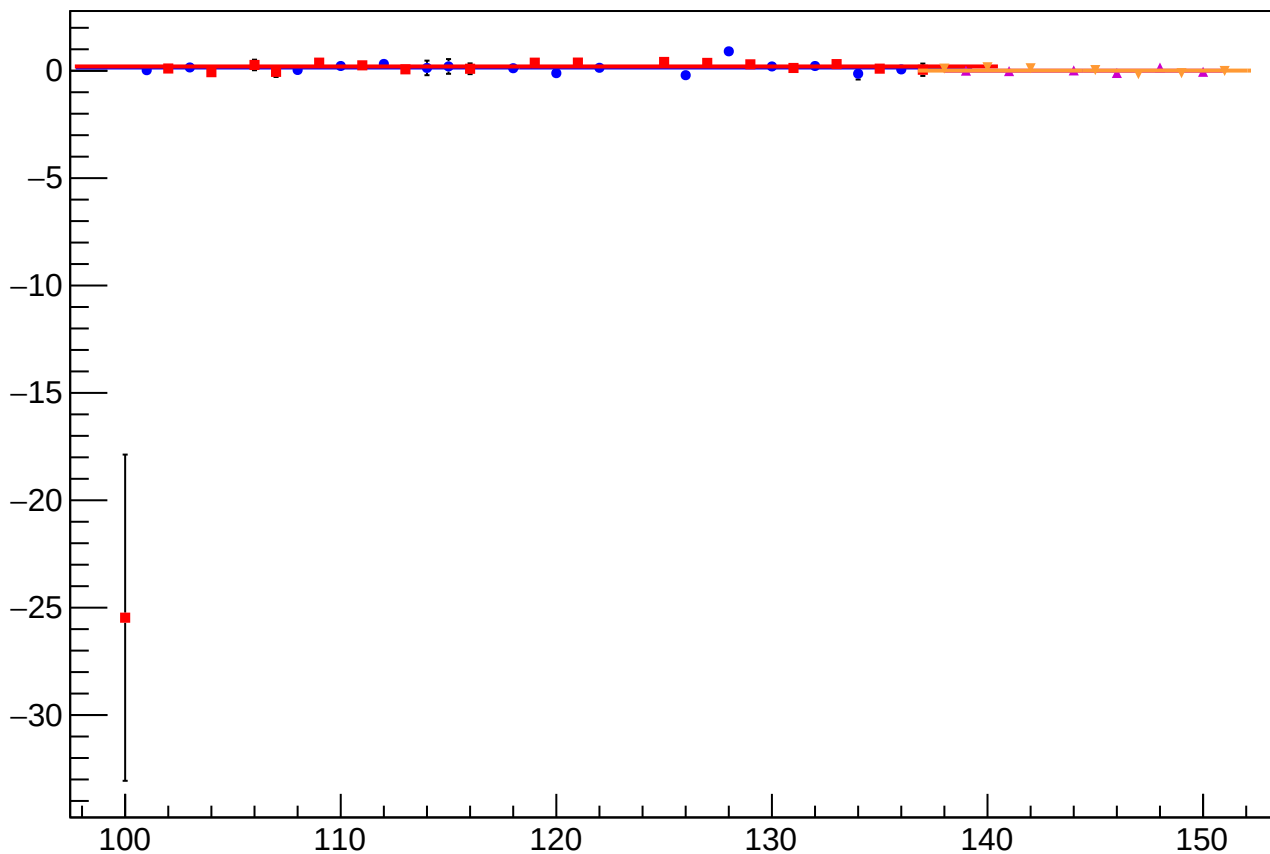
Left In: 0.050 ± 0.024 χ^2/NDF : 6.9/5

+ sign 0.004 ± 0.016 χ^2/NDF : 36.2/22

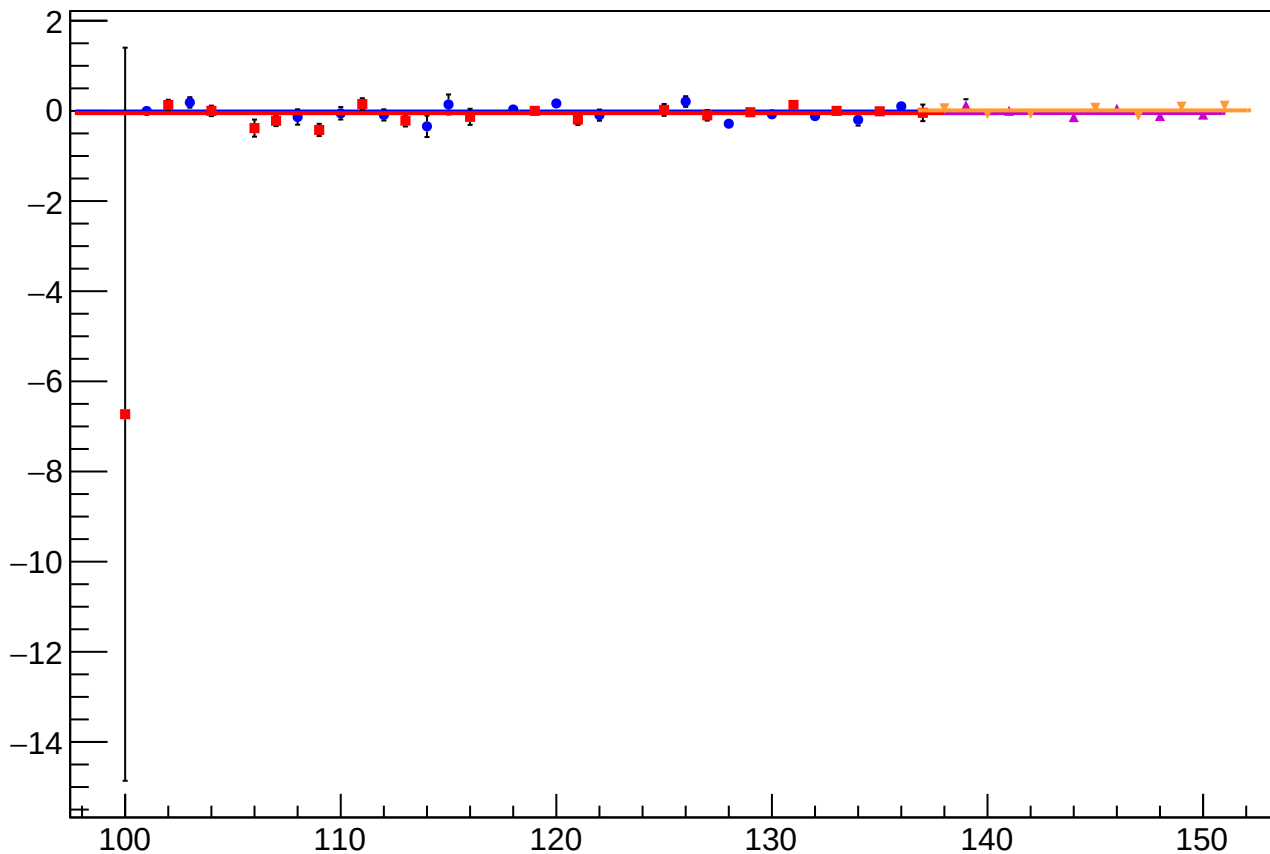
All: 0.023 ± 0.012 χ^2/NDF : 73.9/46

- sign 0.045 ± 0.017 χ^2/NDF : 34.9/23

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.012 ± 0.029 χ^2/NDF : 10.1/6

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

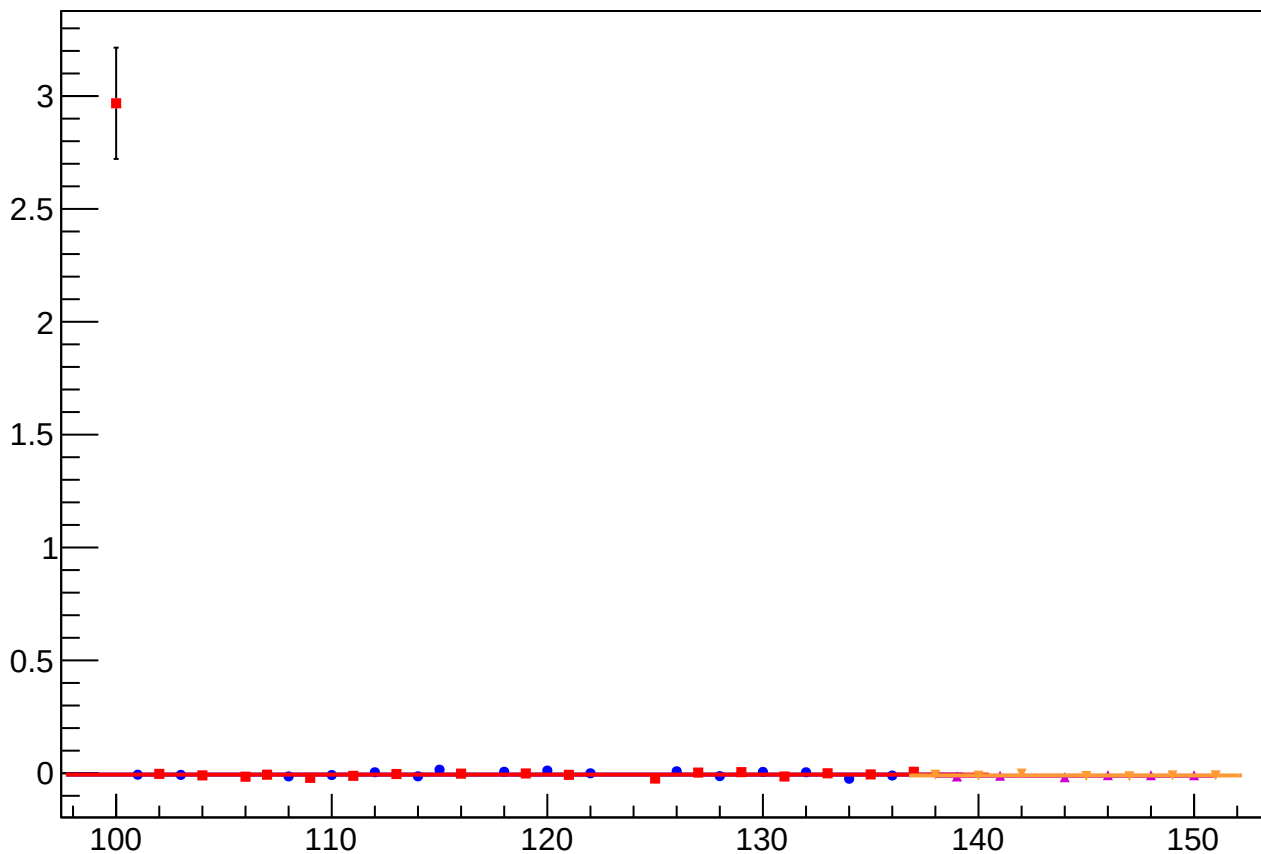
Left In: -0.047 ± 0.030 χ^2/NDF : 6.9/5

+ sign -0.002 ± 0.020 χ^2/NDF : 35.7/22

All: -0.024 ± 0.014 χ^2/NDF : 71.0/46

- sign -0.048 ± 0.021 χ^2/NDF : 32.7/23

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.010 ± 0.001 χ^2/NDF : 4.5/6

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

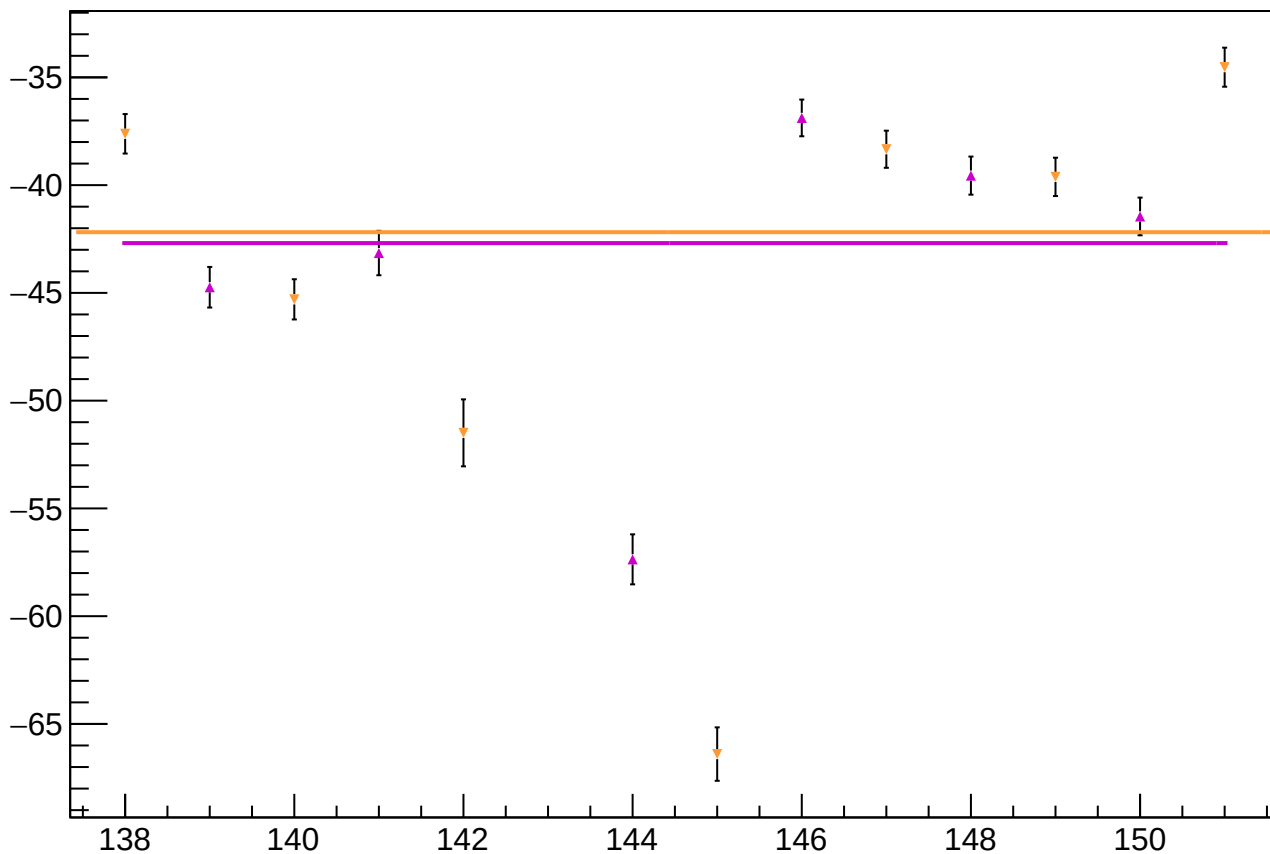
Left In: -0.012 ± 0.001 χ^2/NDF : 4.8/5

+ sign -0.008 ± 0.001 χ^2/NDF : 36.6/22

All: -0.008 ± 0.001 χ^2/NDF : 214.8/46

- sign -0.009 ± 0.001 χ^2/NDF : 177.8/23

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -42.183+/-0.372 χ^2/NDF : 553.3/6

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

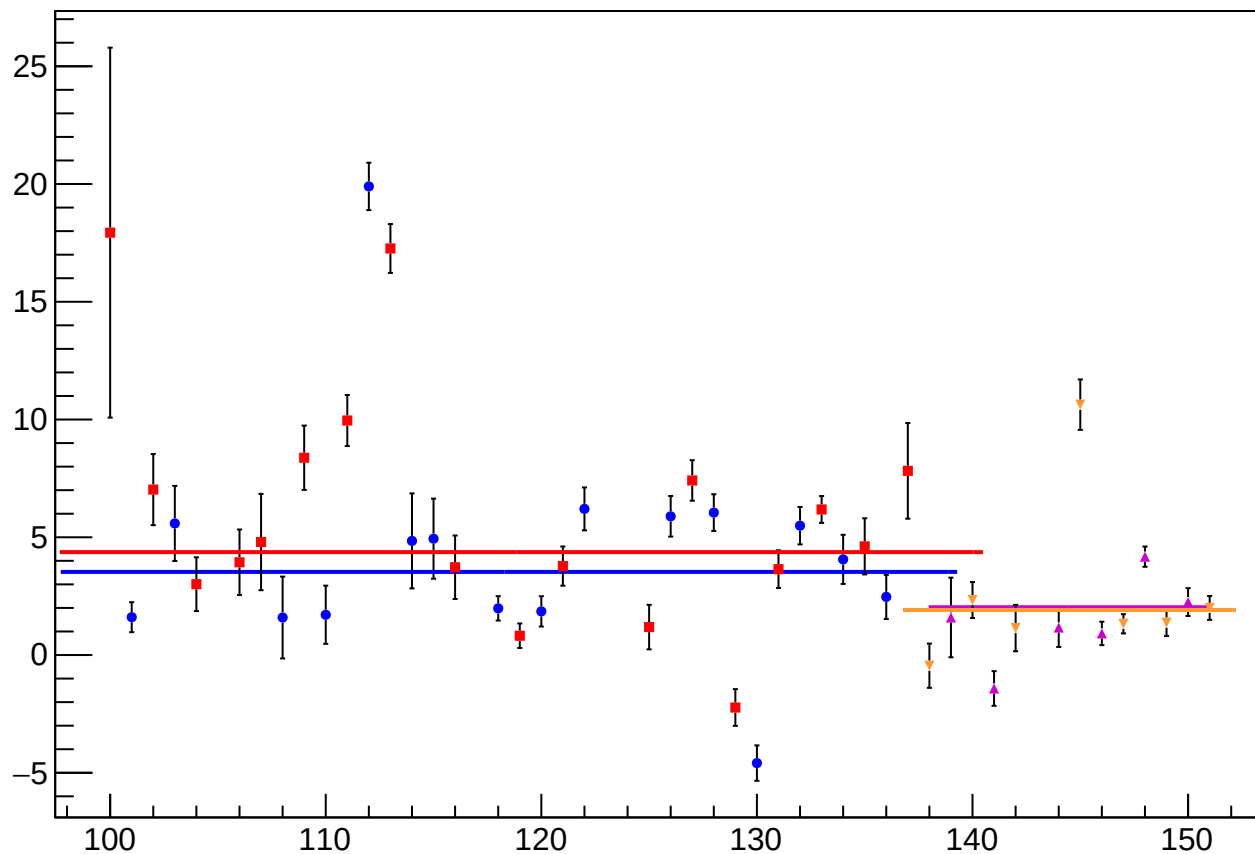
Left In: -42.689+/-0.384 χ^2/NDF : 225.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.428+/-0.267 χ^2/NDF : 780.1/12

- 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: 1.914 ± 0.238 χ^2/NDF : 76.5/6

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

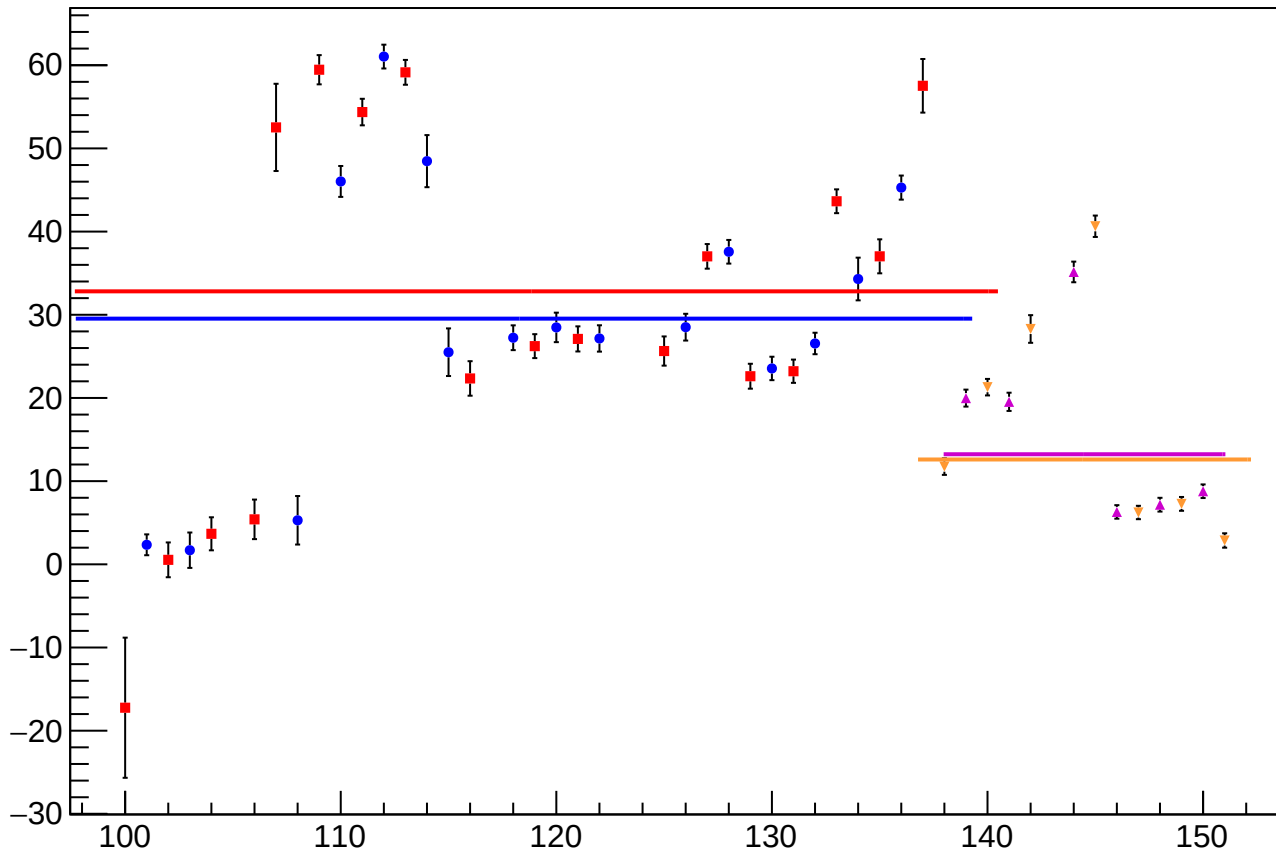
Left In: 2.029 ± 0.250 χ^2/NDF : 53.4/5

+ sign 2.794 ± 0.160 χ^2/NDF : 548.2/22

All: 3.046 ± 0.116 χ^2/NDF : 1008.9/46

- sign 3.320 ± 0.167 χ^2/NDF : 455.6/23

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 12.603 $\pm$ 0.370 χ^2 /NDF: 871.9/6

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

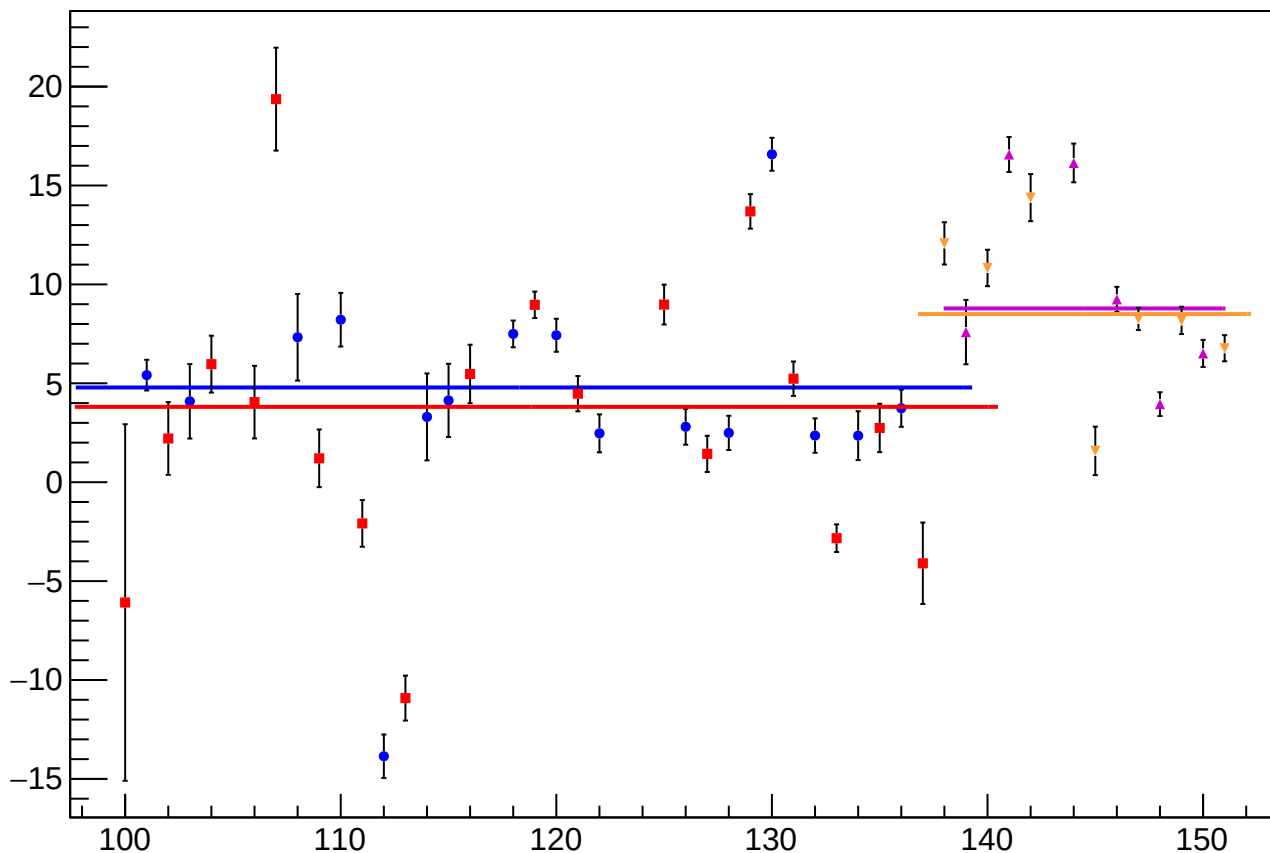
Left In: 13.234 $\pm$ 0.381 χ^2 /NDF: 544.5/5

+ sign 20.059 $\pm$ 0.277 χ^2 /NDF: 3290.6/22

All: 21.006 $\pm$ 0.198 χ^2 /NDF: 6703.2/46

- sign 21.998 $\pm$ 0.283 χ^2 /NDF: 3388.5/23

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 8.501 ± 0.302 χ^2/NDF : 81.1/6

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

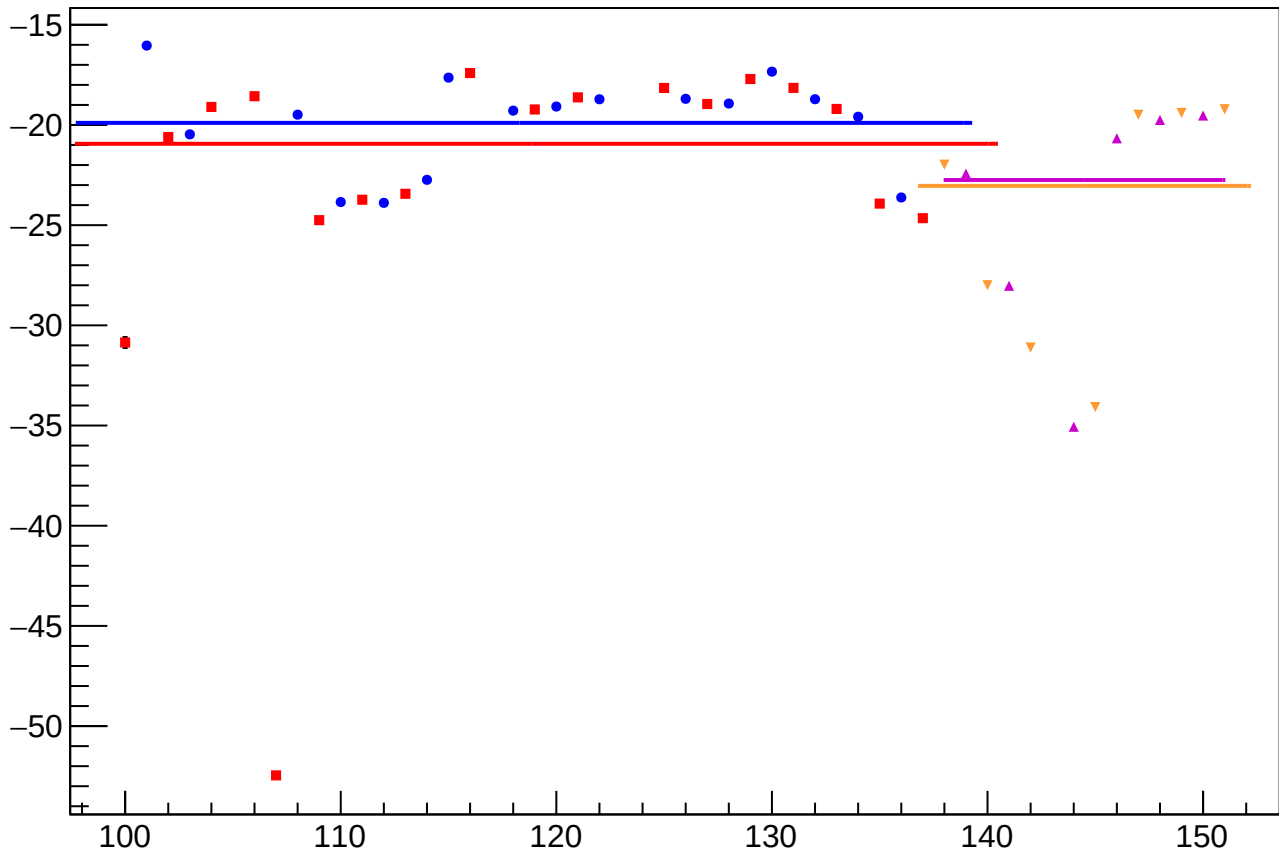
Left In: 8.784 ± 0.315 χ^2/NDF : 211.0/5

+ sign 6.307 ± 0.193 χ^2/NDF : 724.4/22

All: 6.070 ± 0.139 χ^2/NDF : 1655.0/46

- sign 5.815 ± 0.200 χ^2/NDF : 927.5/23

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -23.039 ± 0.016 $\chi^2/\text{NDF}: 104791.6/6$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

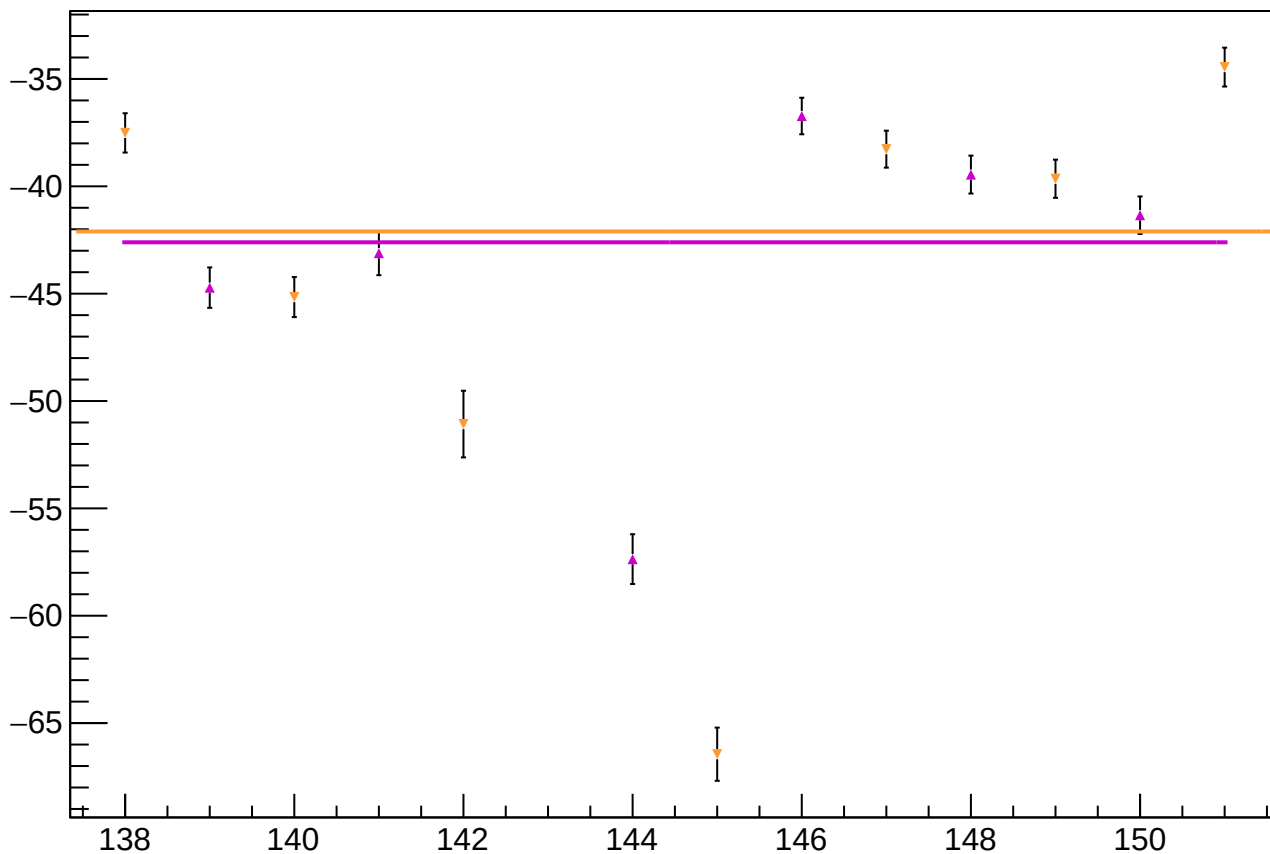
Left In: -22.746 ± 0.016 $\chi^2/\text{NDF}: 84450.5/5$

+ sign -21.438 ± 0.011 $\chi^2/\text{NDF}: 150882.3/22$

All: -21.636 ± 0.008 $\chi^2/\text{NDF}: 336596.7/46$

- sign -21.835 ± 0.011 $\chi^2/\text{NDF}: 185080.4/23$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -42.104+/-0.372 χ^2/NDF :554.5/6

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

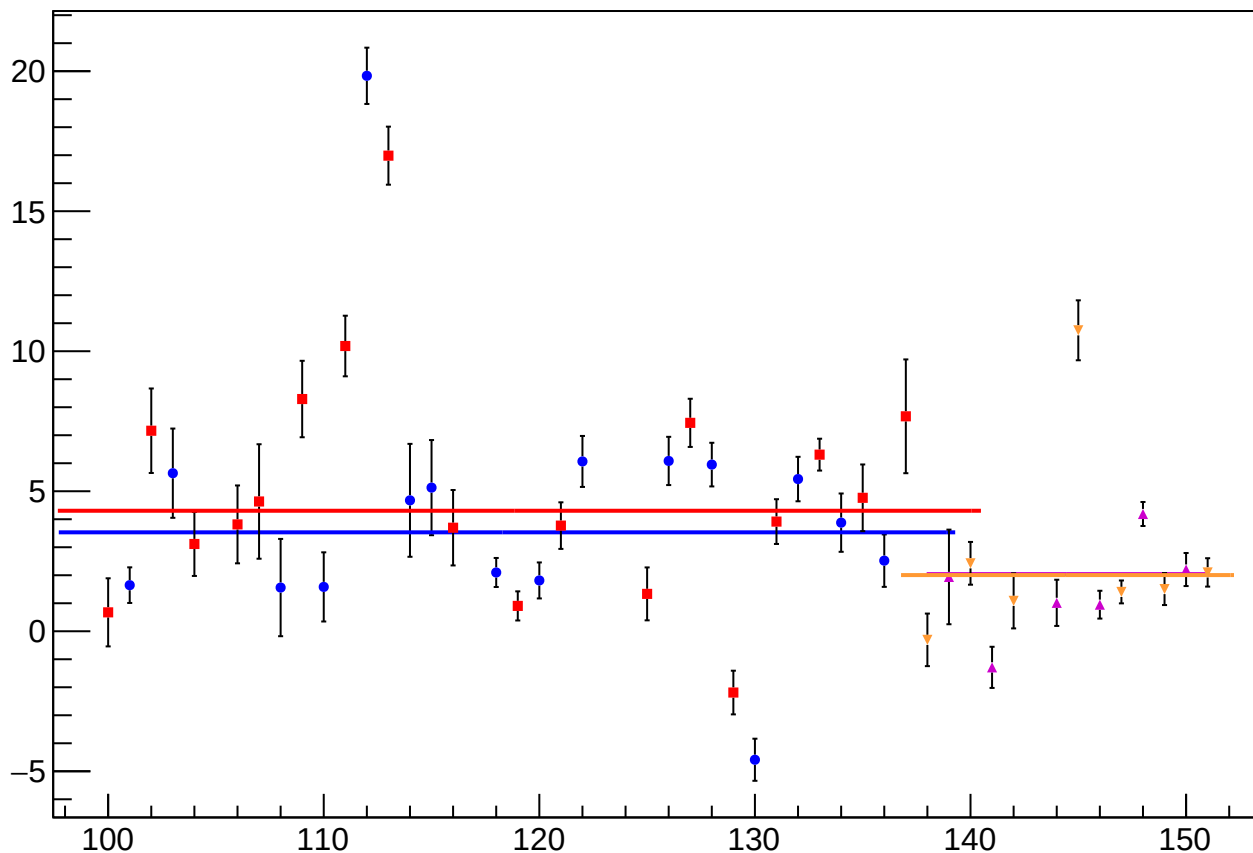
Left In: -42.607+/-0.384 χ^2/NDF :229.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.347+/-0.267 χ^2/NDF : 785.2/12

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 $\pm$ 0.217 χ^2/NDF : 443.2/15

Left Out: 2.006 $\pm$ 0.238 χ^2/NDF : 76.9/6

Right Out: 4.303 $\pm$ 0.222 χ^2/NDF : 352.8/17

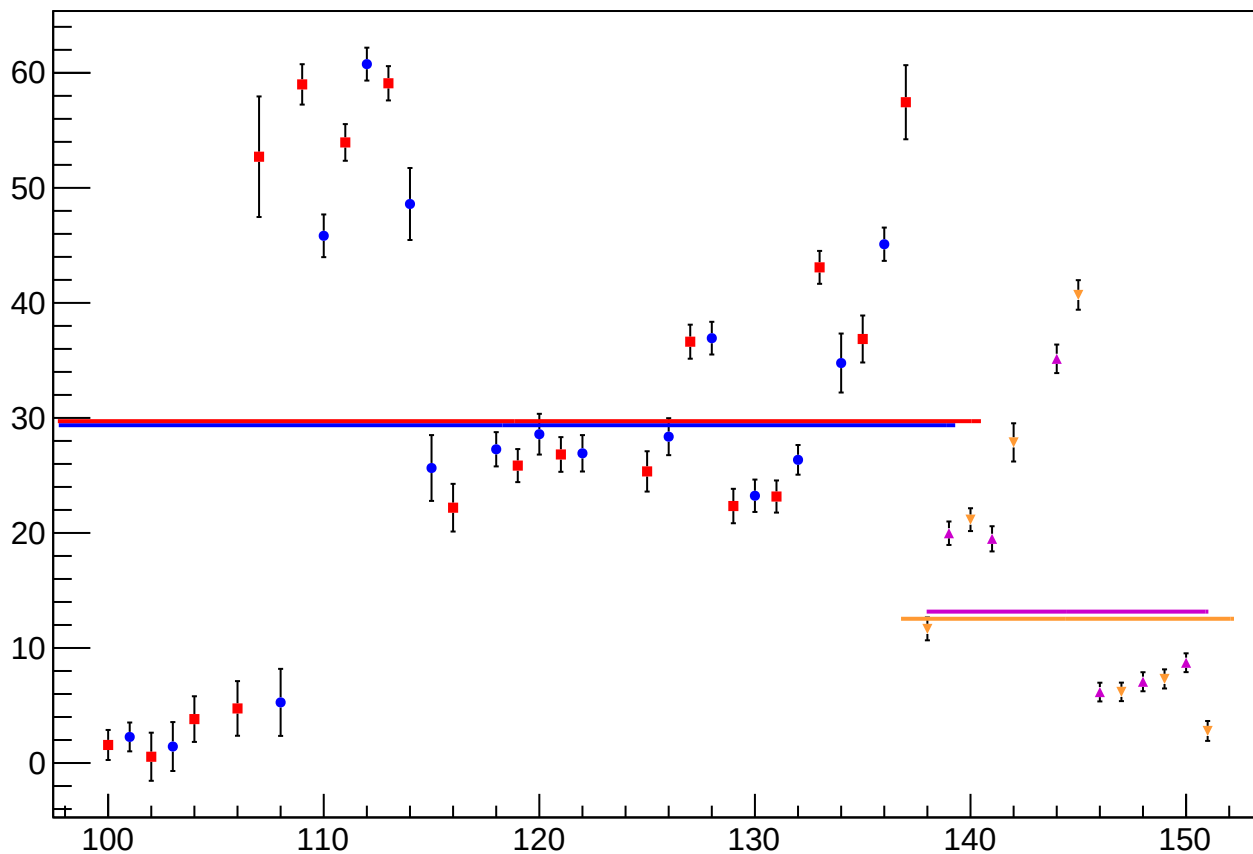
Left In: 2.041 $\pm$ 0.250 χ^2/NDF : 52.1/5

+ sign 2.838 $\pm$ 0.160 χ^2/NDF : 542.6/22

All: 3.065 $\pm$ 0.115 χ^2/NDF : 997.5/46

- sign 3.307 $\pm$ 0.166 χ^2/NDF : 450.8/23

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 12.540 $\pm$ 0.369 χ^2 /NDF: 870.1/6

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

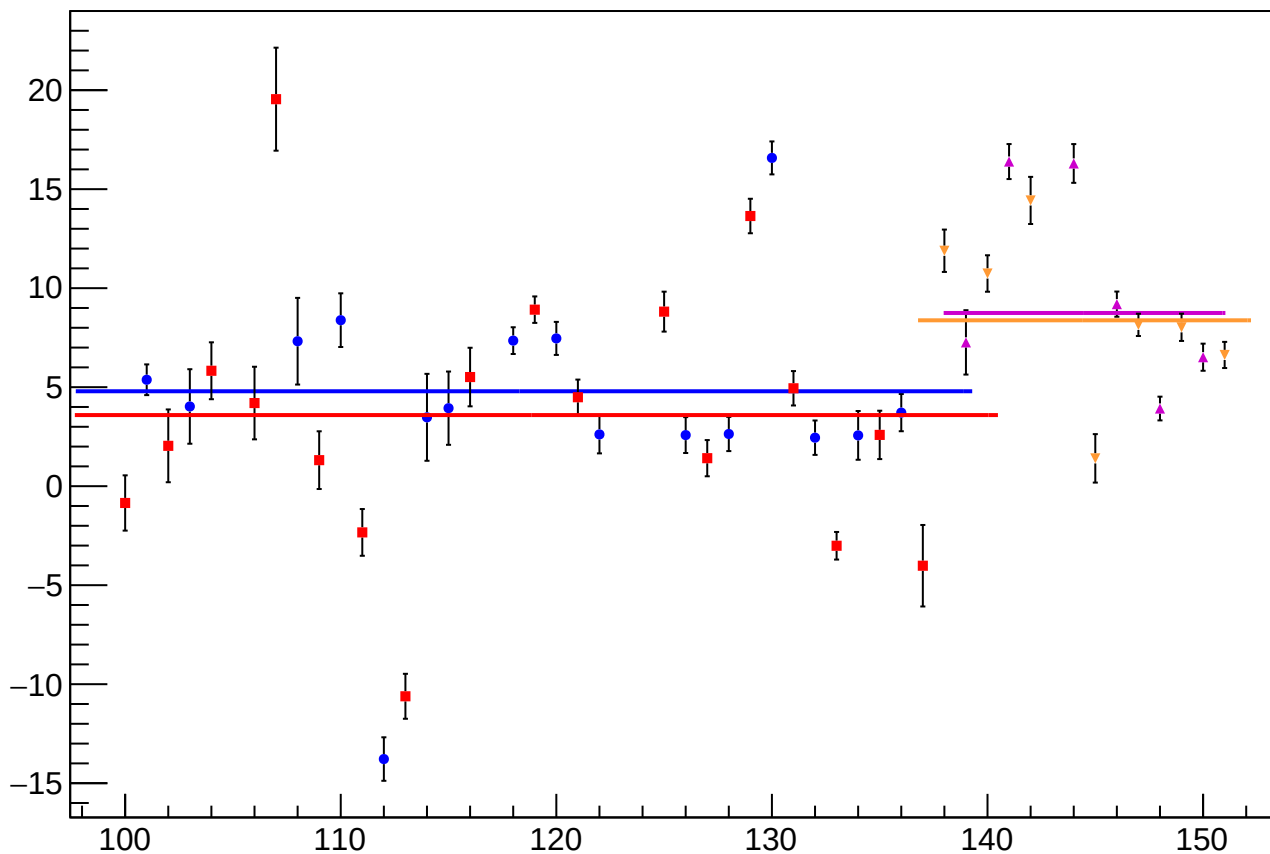
Left In: 13.161 $\pm$ 0.380 χ^2 /NDF: 549.8/5

+ sign 19.950 $\pm$ 0.276 χ^2 /NDF: 3272.3/22

All: 20.461 $\pm$ 0.195 χ^2 /NDF: 6852.5/46

- sign 20.973 $\pm$ 0.276 χ^2 /NDF: 3573.4/23

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 8.377 ± 0.302 $\chi^2/\text{NDF}: 83.1/6$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

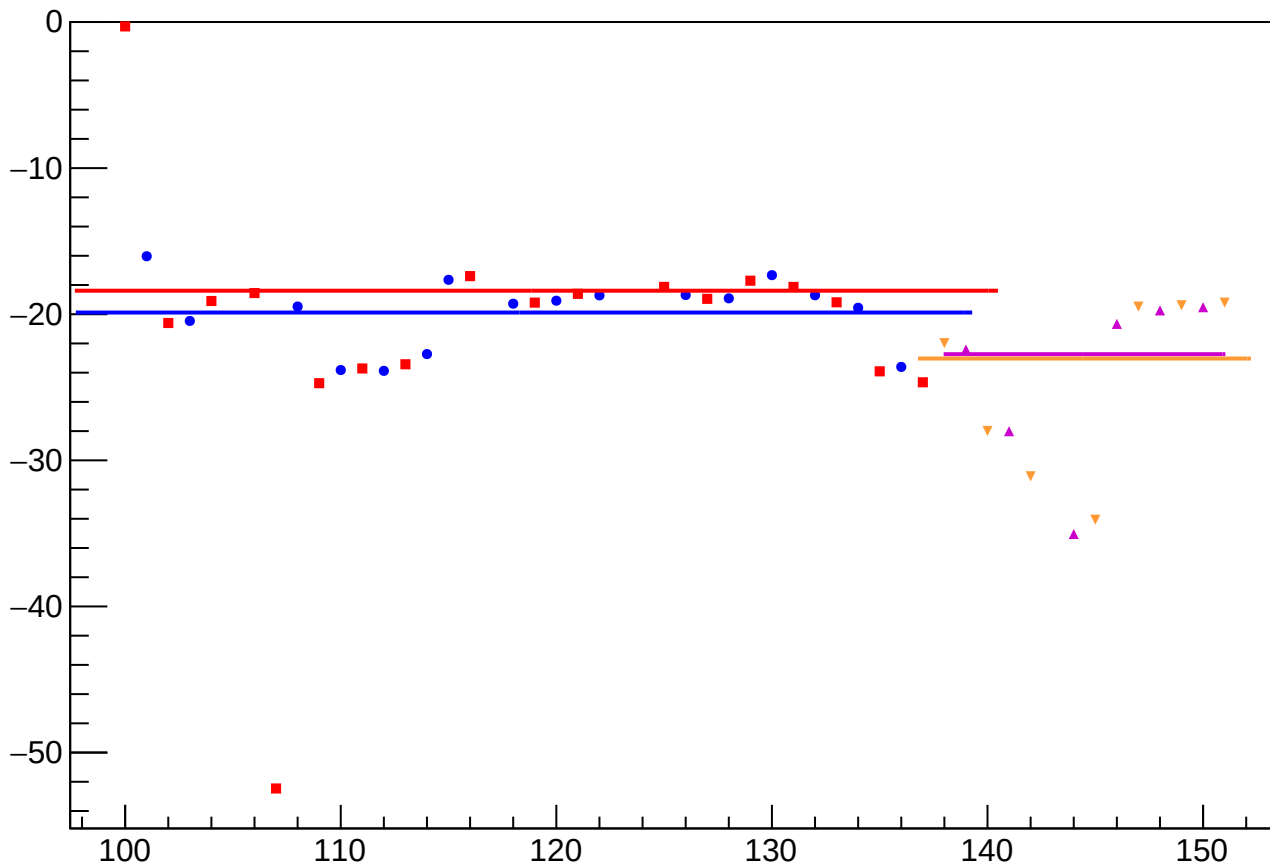
Left In: 8.748 ± 0.315 $\chi^2/\text{NDF}: 211.2/5$

+ sign 6.259 ± 0.193 $\chi^2/\text{NDF}: 716.4/22$

All: 5.952 ± 0.138 $\chi^2/\text{NDF}: 1668.5/46$

- sign 5.629 ± 0.198 $\chi^2/\text{NDF}: 946.8/23$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -23.031 ± 0.016 $\chi^2/\text{NDF}: 104853.7/6$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

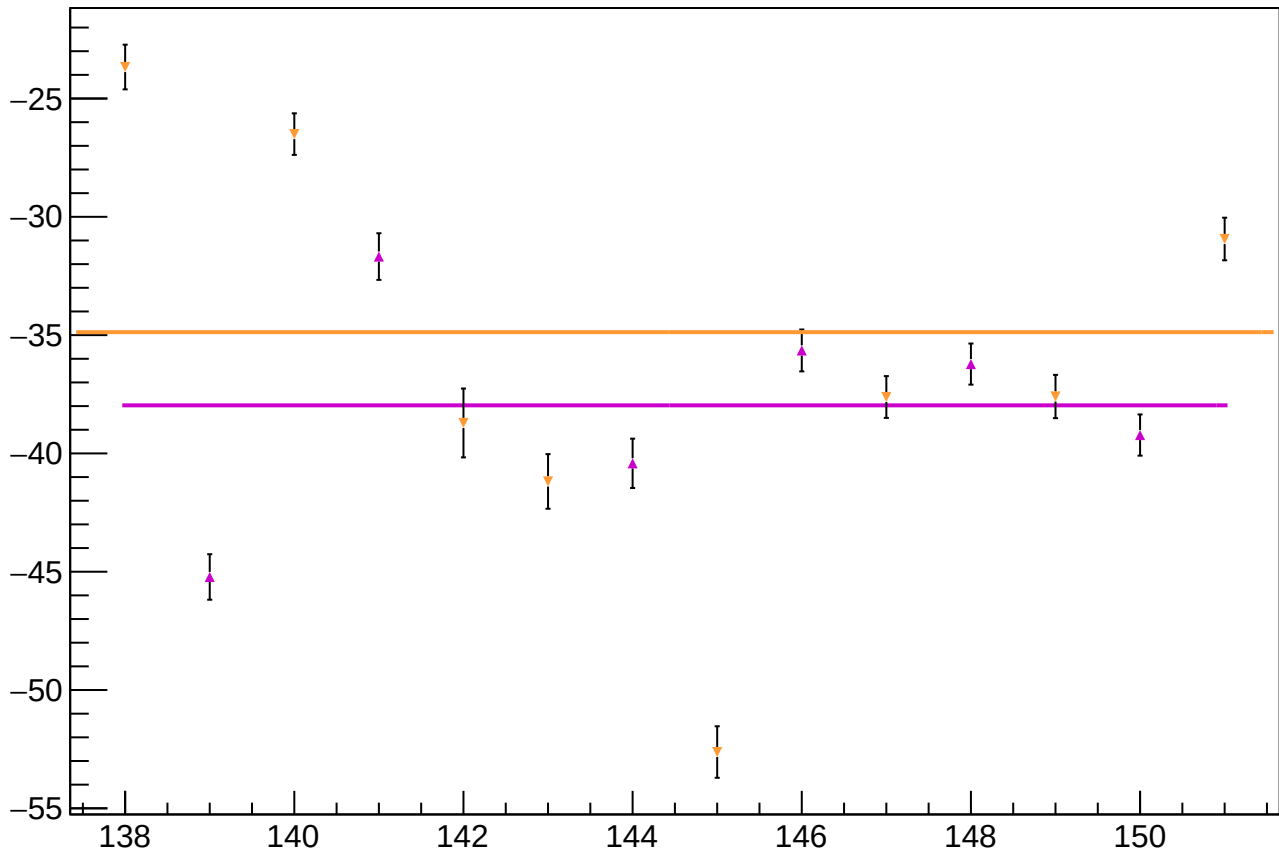
Left In: -22.734 ± 0.016 $\chi^2/\text{NDF}: 84407.2/5$

+ sign -21.428 ± 0.011 $\chi^2/\text{NDF}: 151003.9/22$

All: -20.902 ± 0.008 $\chi^2/\text{NDF}: 581345.0/46$

- sign -20.406 ± 0.011 $\chi^2/\text{NDF}: 425986.8/23$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.875+/-0.349 χ^2/NDF : 571.6/7

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

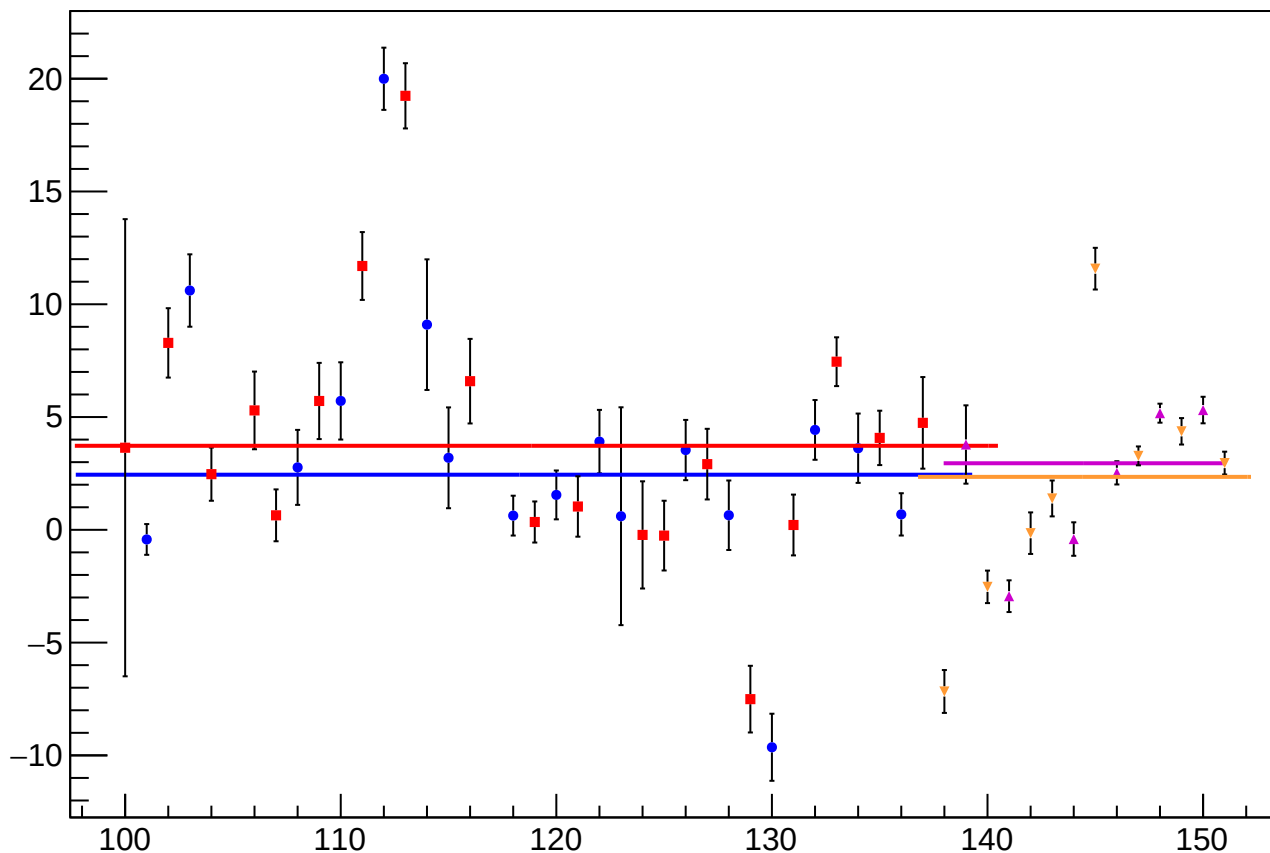
Left In: -37.968+/-0.379 χ^2/NDF : 116.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.294+/-0.257 χ^2/NDF : 723.7/13

- 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: 2.348 ± 0.227 χ^2/NDF : 272.8/7

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

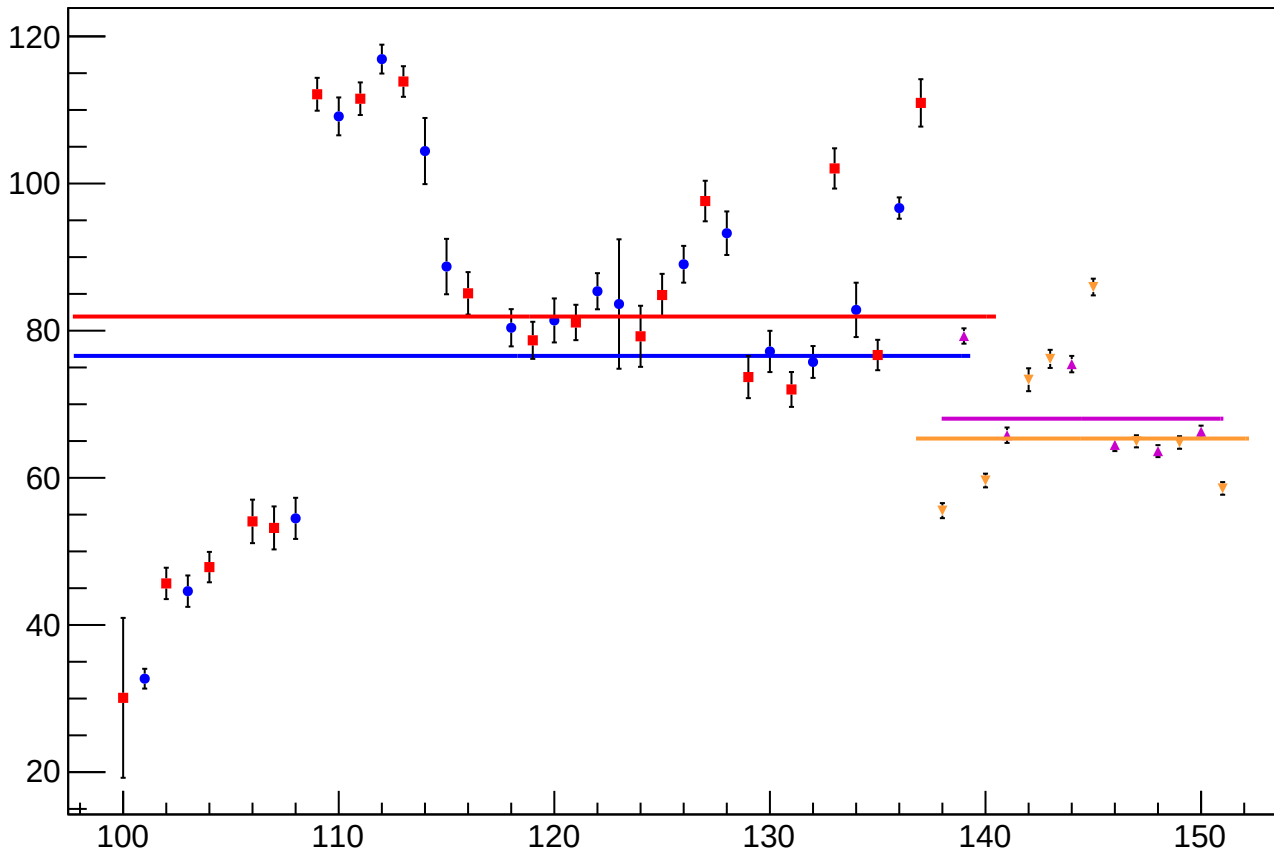
Left In: 2.951 ± 0.246 χ^2/NDF : 135.5/5

+ sign 2.381 ± 0.183 χ^2/NDF : 568.2/24

All: 2.776 ± 0.134 χ^2/NDF : 986.4/49

- sign 3.232 ± 0.197 χ^2/NDF : 408.2/24

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 65.341 $\pm$ 0.351 χ^2 /NDF: 623.0/7

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

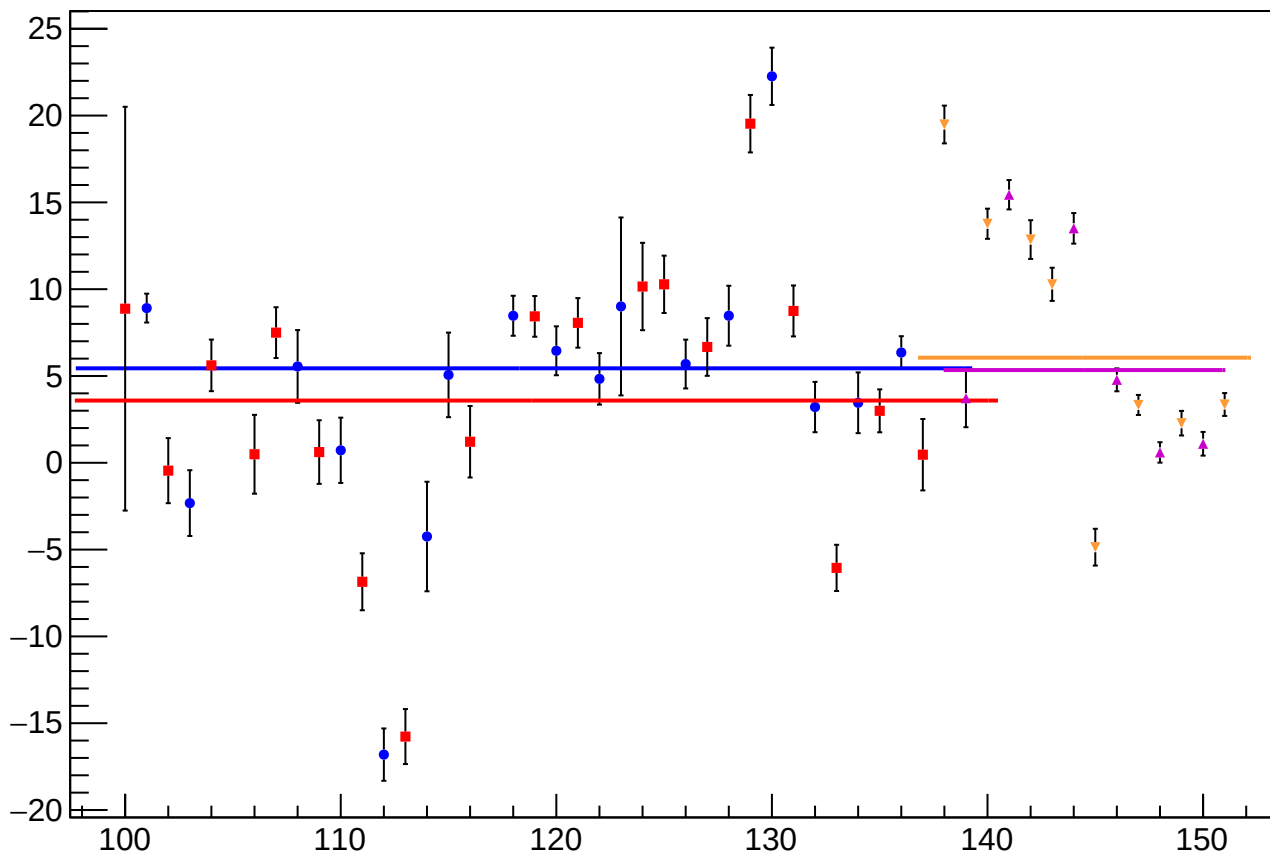
Left In: 68.040 $\pm$ 0.377 χ^2 /NDF: 217.1/5

+ sign 68.398 $\pm$ 0.299 χ^2 /NDF: 3155.9/24

All: 70.109 $\pm$ 0.218 χ^2 /NDF: 5404.9/49

- sign 72.039 $\pm$ 0.318 χ^2 /NDF: 2179.3/24

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 χ^2/NDF : 387.5/16

Left Out: 6.055 ± 0.285 χ^2/NDF : 461.8/7

Right Out: 3.585 ± 0.375 χ^2/NDF : 423.2/18

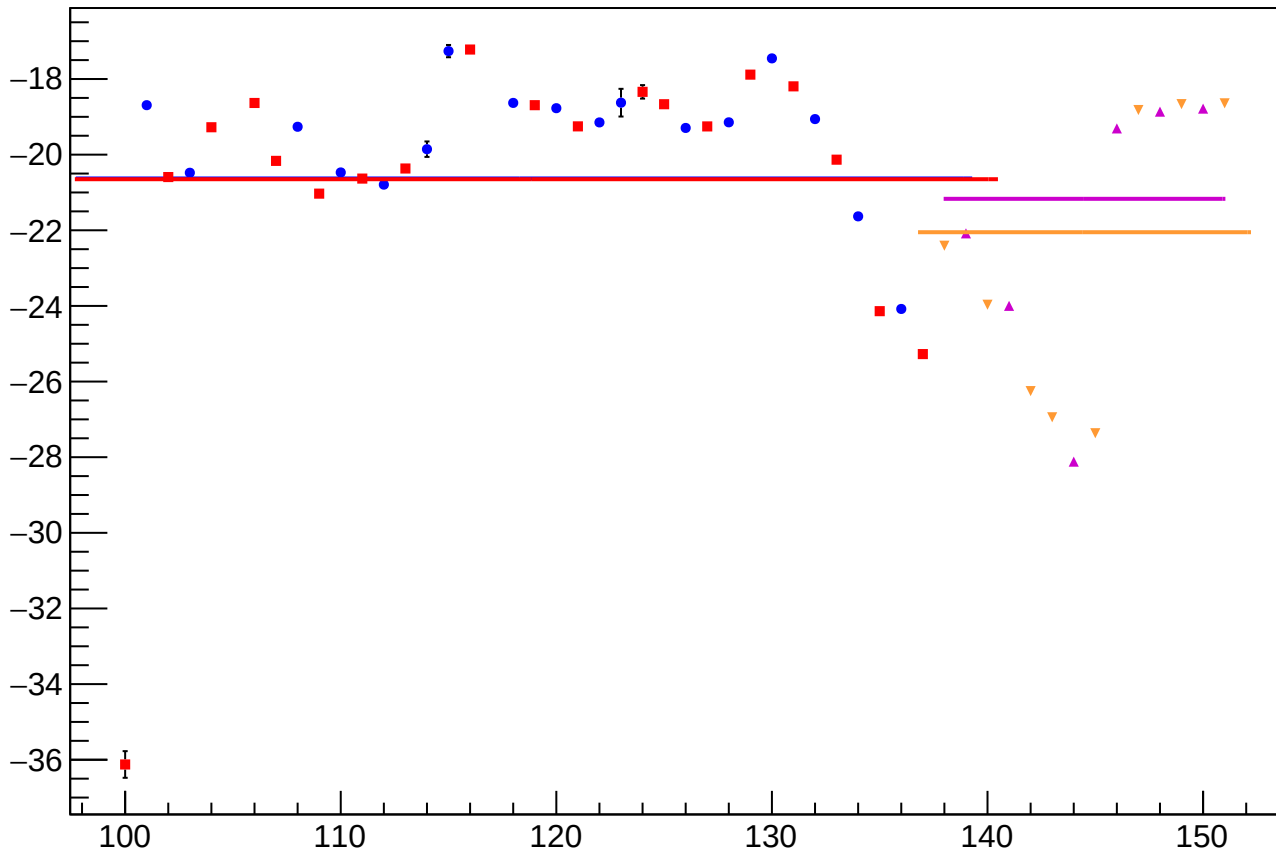
Left In: 5.340 ± 0.310 χ^2/NDF : 333.8/5

+ sign 5.816 ± 0.223 χ^2/NDF : 851.1/24

All: 5.263 ± 0.163 χ^2/NDF : 1634.3/49

- sign 4.627 ± 0.239 χ^2/NDF : 770.0/24

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 χ^2/NDF : 12490.5/16

Left Out: -22.051 ± 0.015 χ^2/NDF : 54242.6/7

Right Out: -20.650 ± 0.019 χ^2/NDF : 13885.7/18

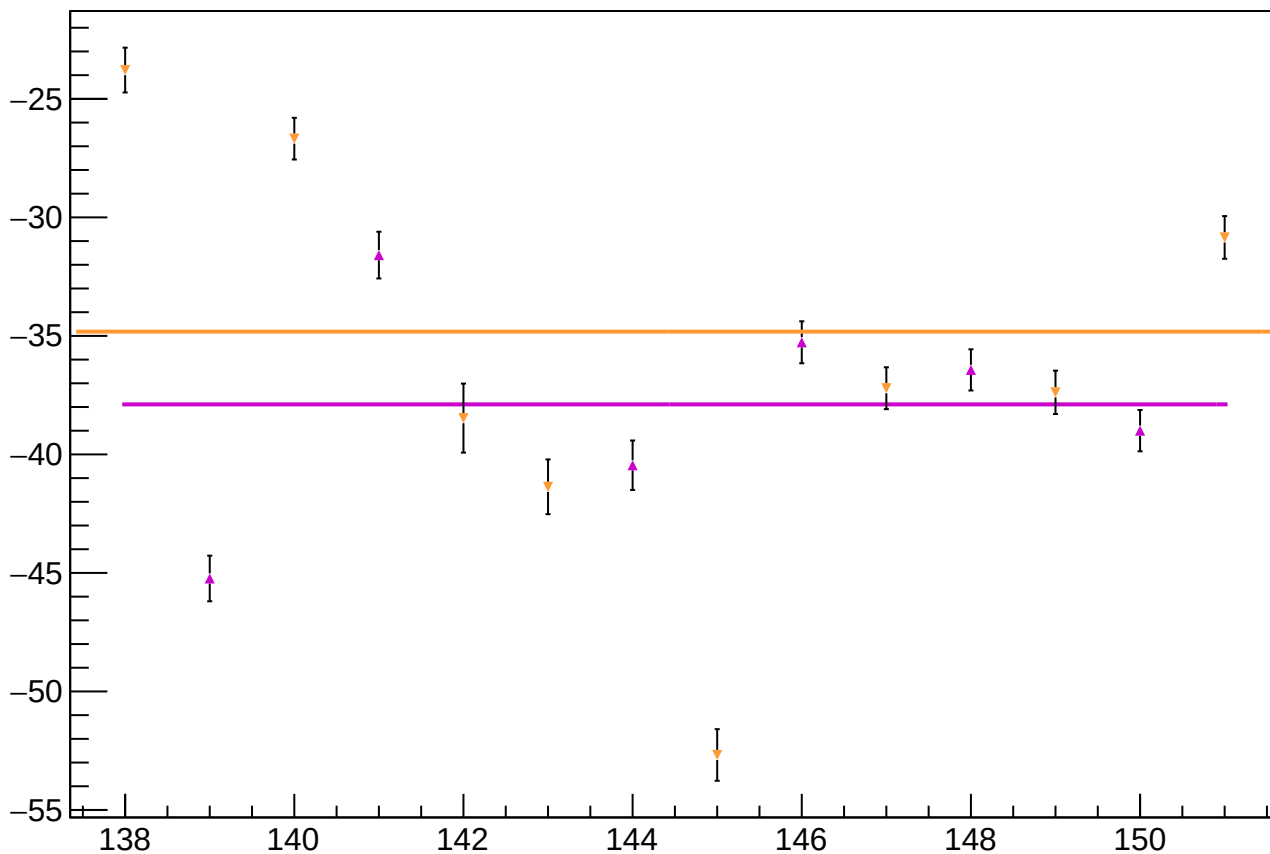
Left In: -21.168 ± 0.016 χ^2/NDF : 36934.3/5

+ sign -21.518 ± 0.012 χ^2/NDF : 70126.8/24

All: -21.250 ± 0.008 χ^2/NDF : 122445.3/49

- sign -20.963 ± 0.012 χ^2/NDF : 51250.7/24

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.820+/-0.349 χ^2/NDF : 563.7/7

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

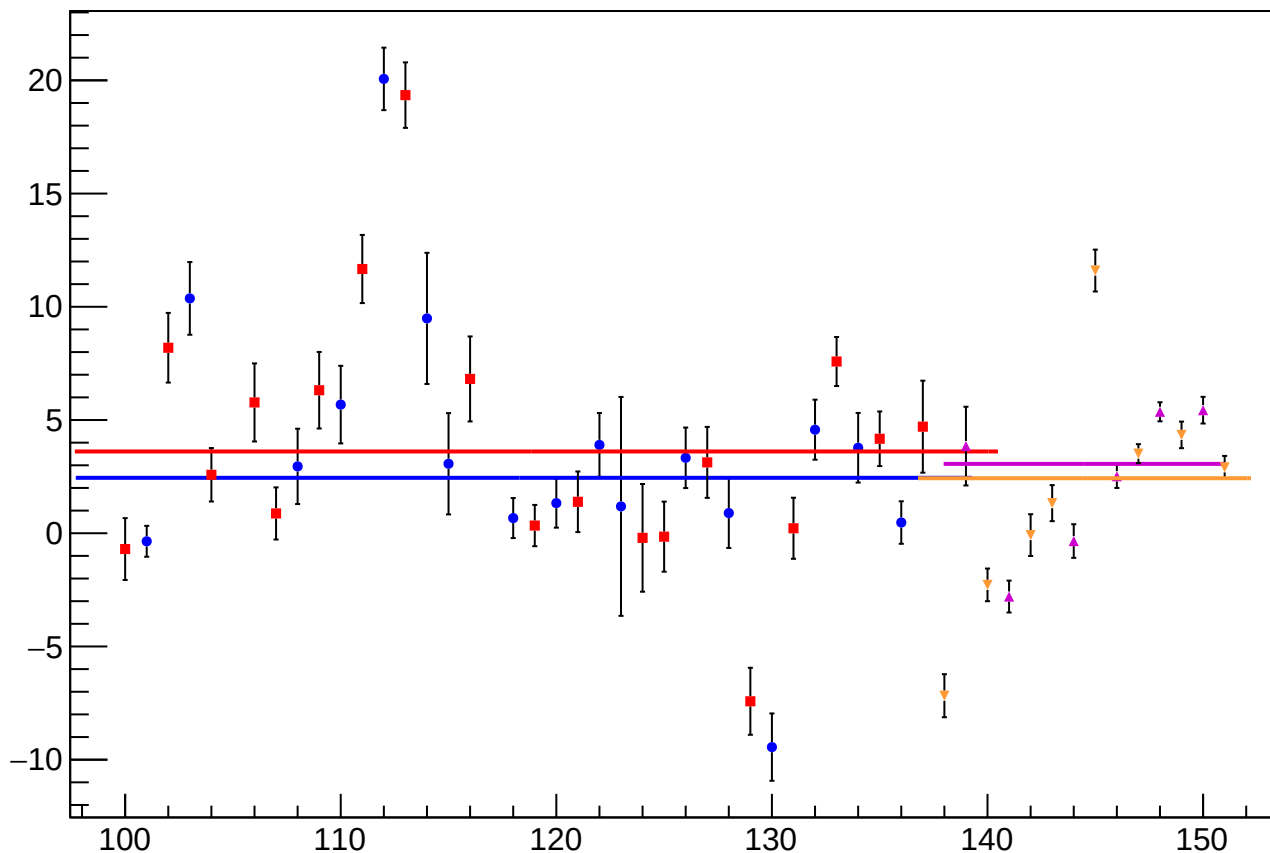
Left In: -37.889+/-0.379 χ^2/NDF : 118.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.228+/-0.257 χ^2/NDF : 717.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 2.428 ± 0.227 χ^2/NDF : 270.6/7

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

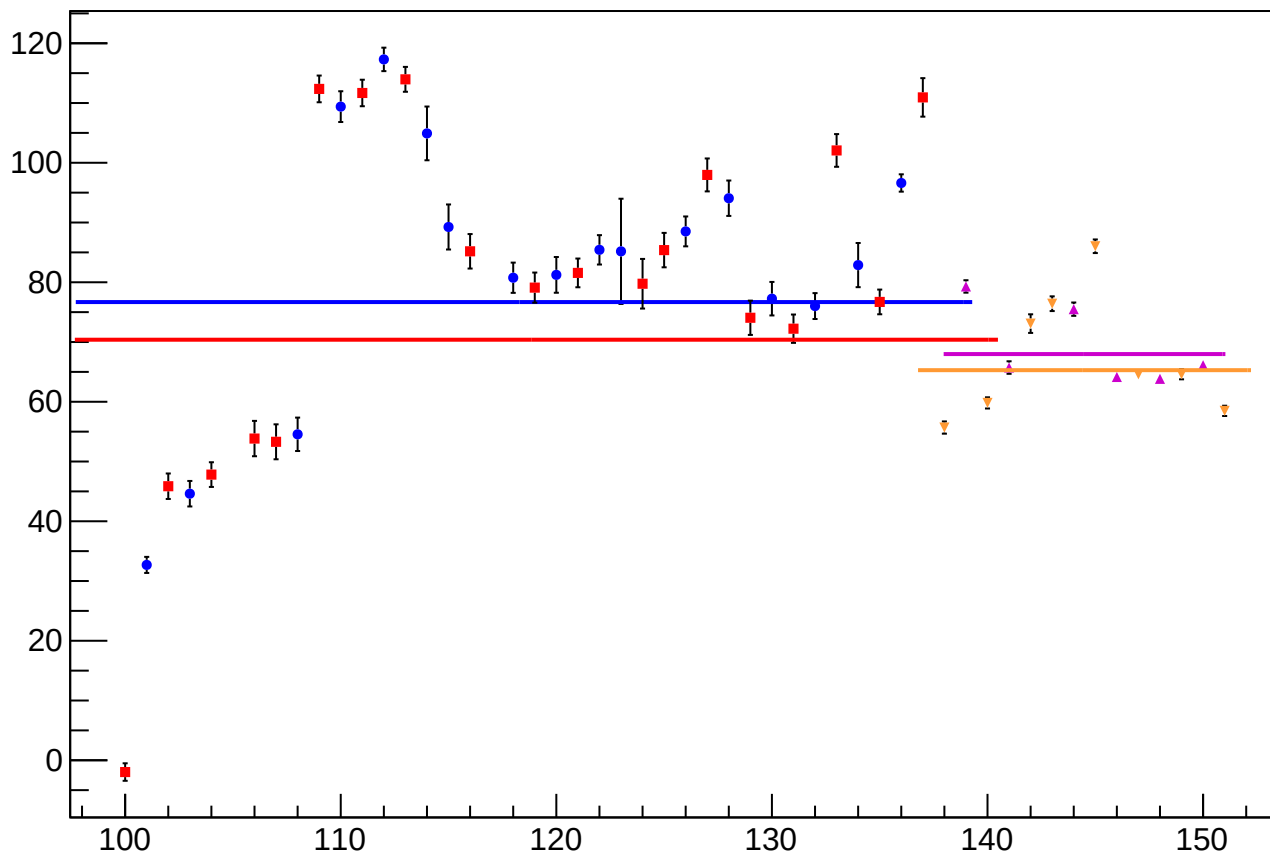
Left In: 3.063 ± 0.247 χ^2/NDF : 137.7/5

+ sign 2.435 ± 0.183 χ^2/NDF : 564.0/24

All: 2.826 ± 0.134 χ^2/NDF : 992.7/49

- sign 3.269 ± 0.195 χ^2/NDF : 419.0/24

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2/NDF : 2265.1/16

Left Out: 65.288 $\pm$ 0.351 χ^2/NDF : 624.7/7

Right Out: 70.386 $\pm$ 0.550 χ^2/NDF : 4391.1/18

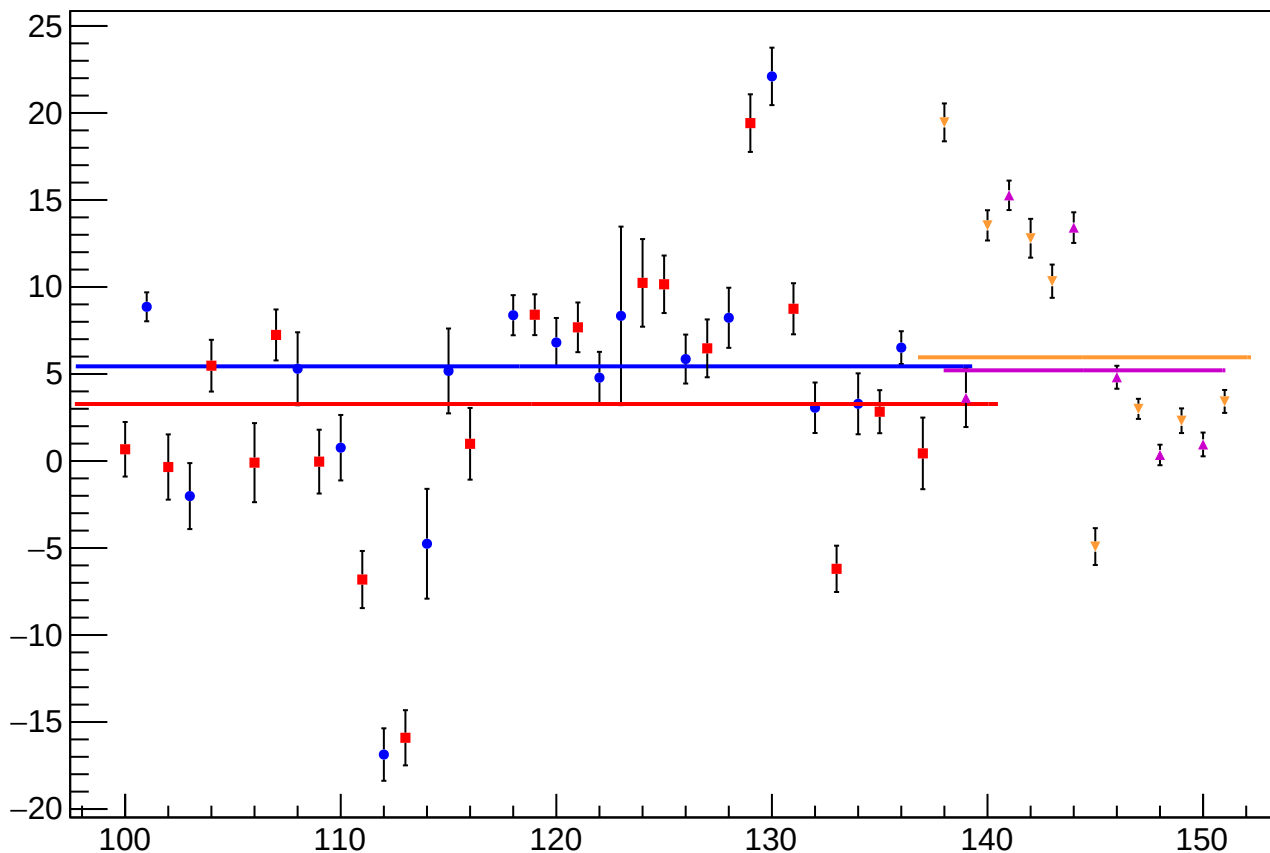
Left In: 67.983 $\pm$ 0.377 χ^2/NDF : 219.6/5

+ sign 68.391 $\pm$ 0.299 χ^2/NDF : 3177.2/24

All: 68.564 $\pm$ 0.216 χ^2/NDF : 7801.6/49

- sign 68.751 $\pm$ 0.311 χ^2/NDF : 4623.8/24

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 5.960 ± 0.286 $\chi^2/\text{NDF}: 461.5/7$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

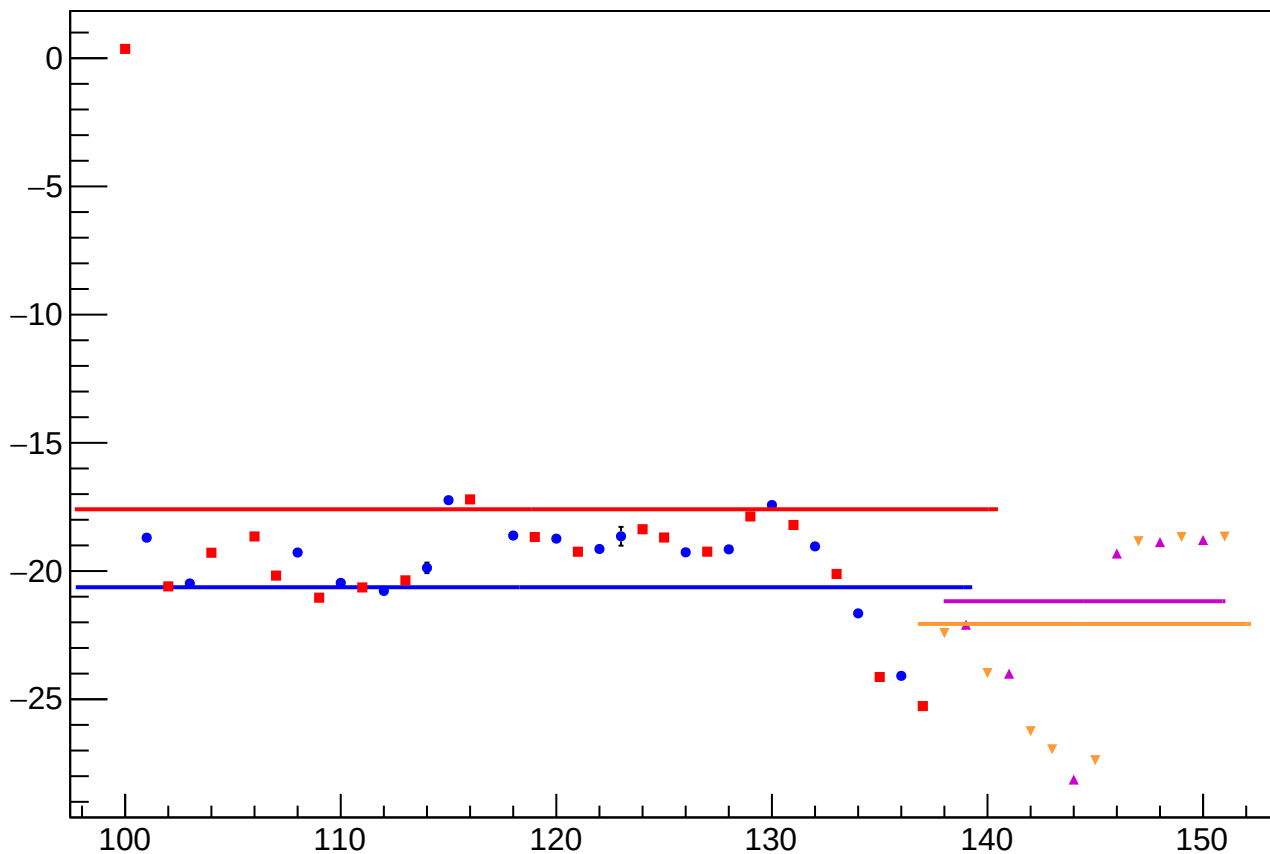
Left In: 5.210 ± 0.311 $\chi^2/\text{NDF}: 336.2/5$

+ sign 5.757 ± 0.223 $\chi^2/\text{NDF}: 848.8/24$

All: 5.118 ± 0.162 $\chi^2/\text{NDF}: 1644.4/49$

- sign 4.398 ± 0.237 $\chi^2/\text{NDF}: 778.2/24$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -22.062 ± 0.015 $\chi^2/\text{NDF}: 54097.1/7$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

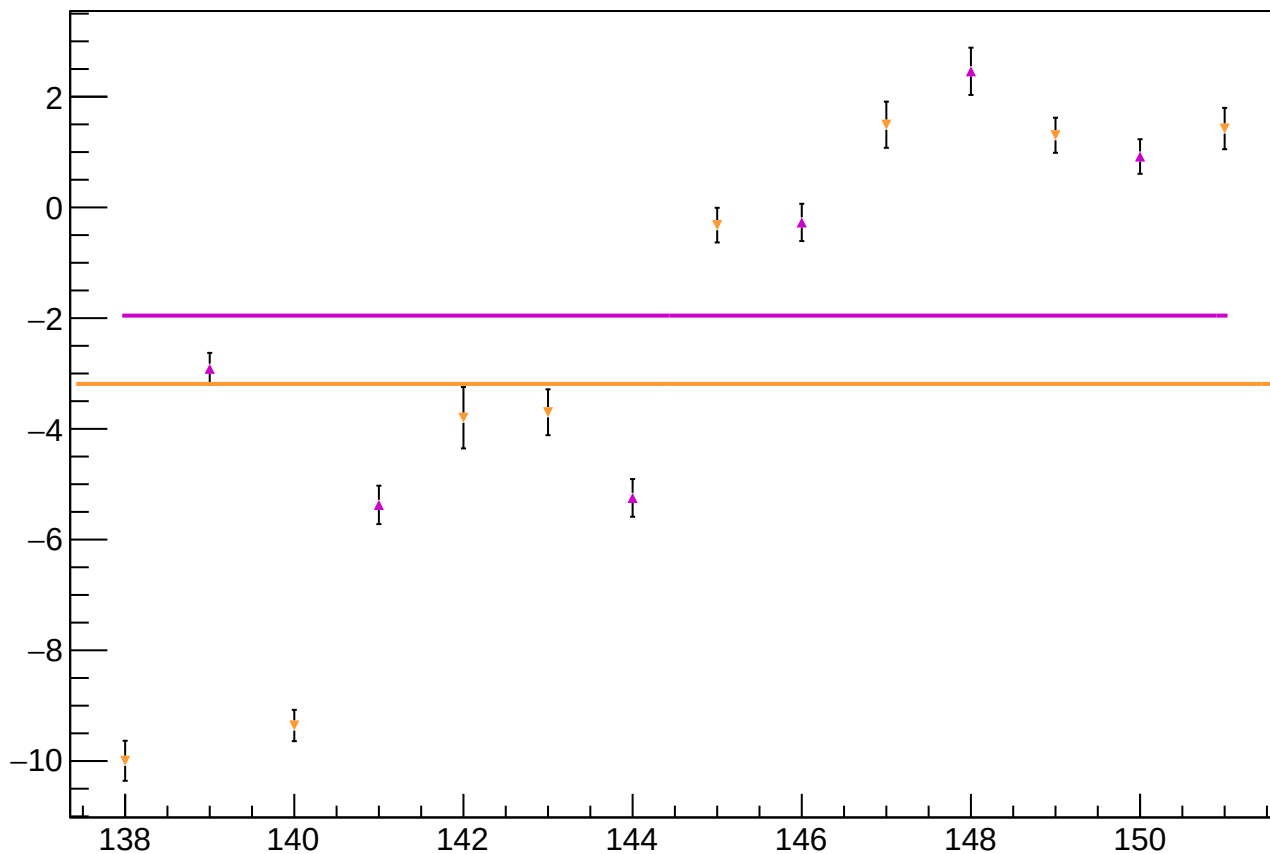
Left In: -21.177 ± 0.016 $\chi^2/\text{NDF}: 36908.3/5$

+ sign -21.525 ± 0.012 $\chi^2/\text{NDF}: 70063.3/24$

All: -20.579 ± 0.008 $\chi^2/\text{NDF}: 321038.7/49$

- sign -19.629 ± 0.012 $\chi^2/\text{NDF}: 238114.0/24$

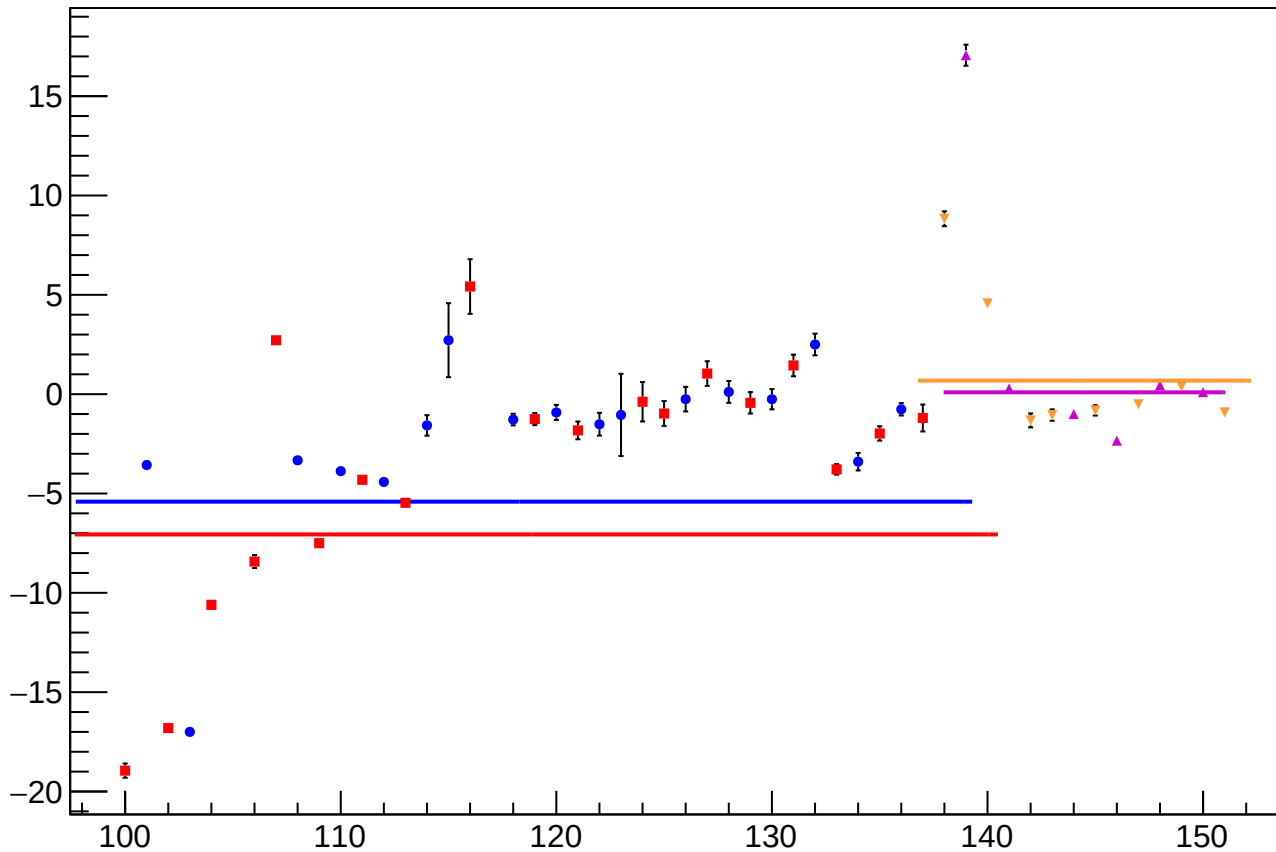
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.188+/-0.127 χ^2/NDF :1396.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.954+/-0.137 χ^2/NDF :418.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.617+/-0.093 χ^2/NDF : 1858.6/13
 - 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: 0.680 ± 0.088 χ^2/NDF : 938.5/7

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

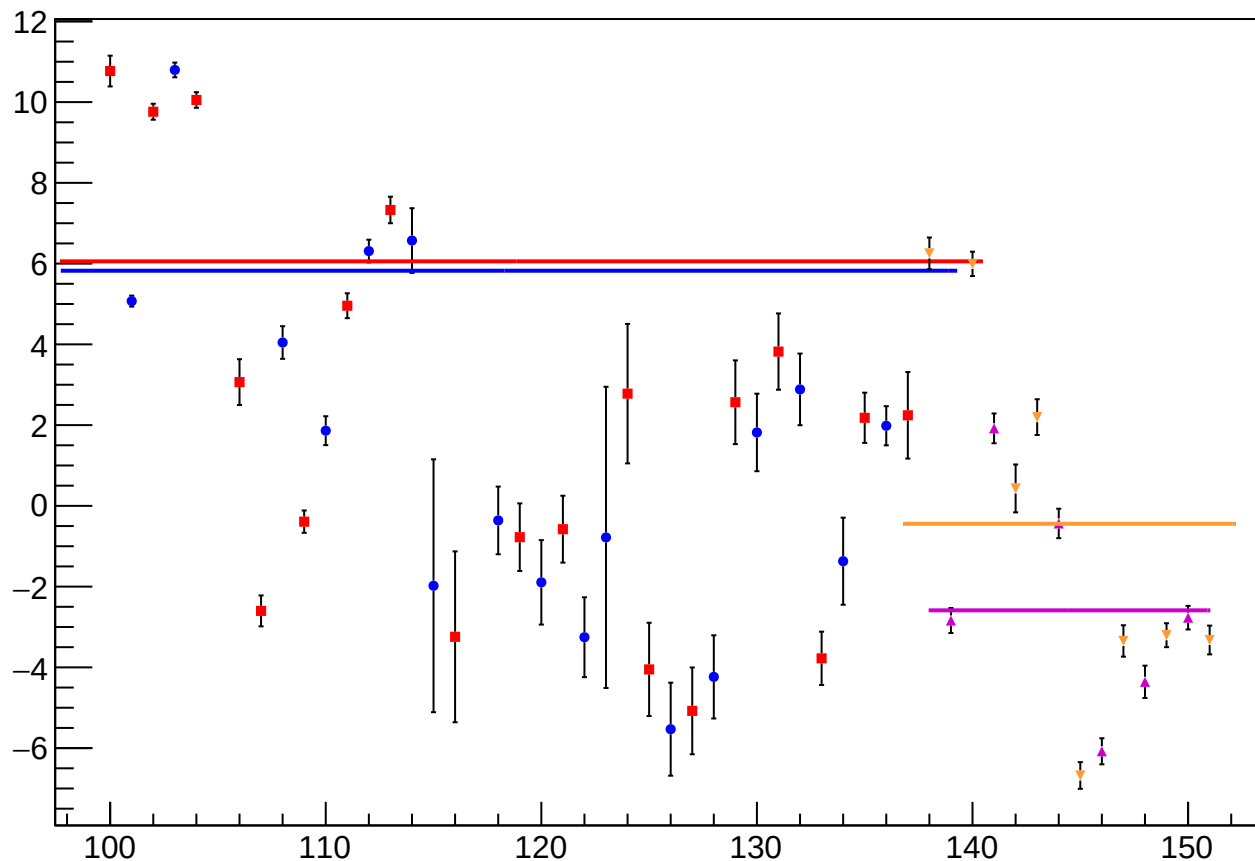
Left In: 0.093 ± 0.098 χ^2/NDF : 1182.4/5

+ sign -3.711 ± 0.046 χ^2/NDF : 13655.3/24

All: -4.378 ± 0.034 χ^2/NDF : 31498.4/49

- sign -5.169 ± 0.051 χ^2/NDF : 17393.5/24

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: -0.444 $\pm$ 0.129 χ^2/NDF :1348.3/7

Right Out: 6.056 $\pm$ 0.093 χ^2/NDF : 2668.9/18

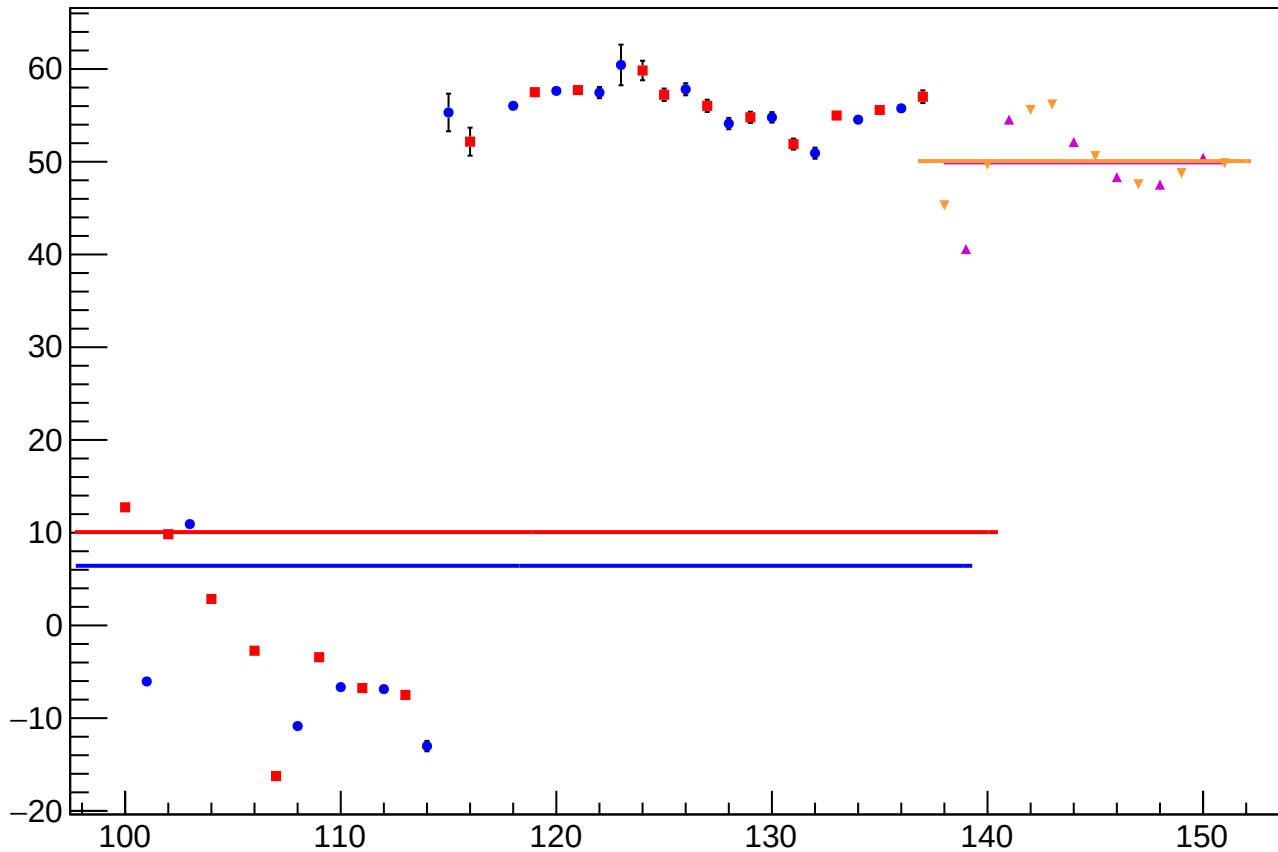
Left In: -2.588 $\pm$ 0.138 χ^2/NDF :321.6/5

+ sign 3.776 $\pm$ 0.074 χ^2/NDF : 4400.2/24

All: 3.565 $\pm$ 0.053 χ^2/NDF : 10111.5/49

- sign 3.333 $\pm$ 0.077 χ^2/NDF : 5693.9/24

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 $\pm$ 0.065 χ^2/NDF : 123486.3/16

Left Out: 50.070 $\pm$ 0.108 χ^2/NDF : 726.3/7

Right Out: 10.060 $\pm$ 0.070 χ^2/NDF : 121816.0/18

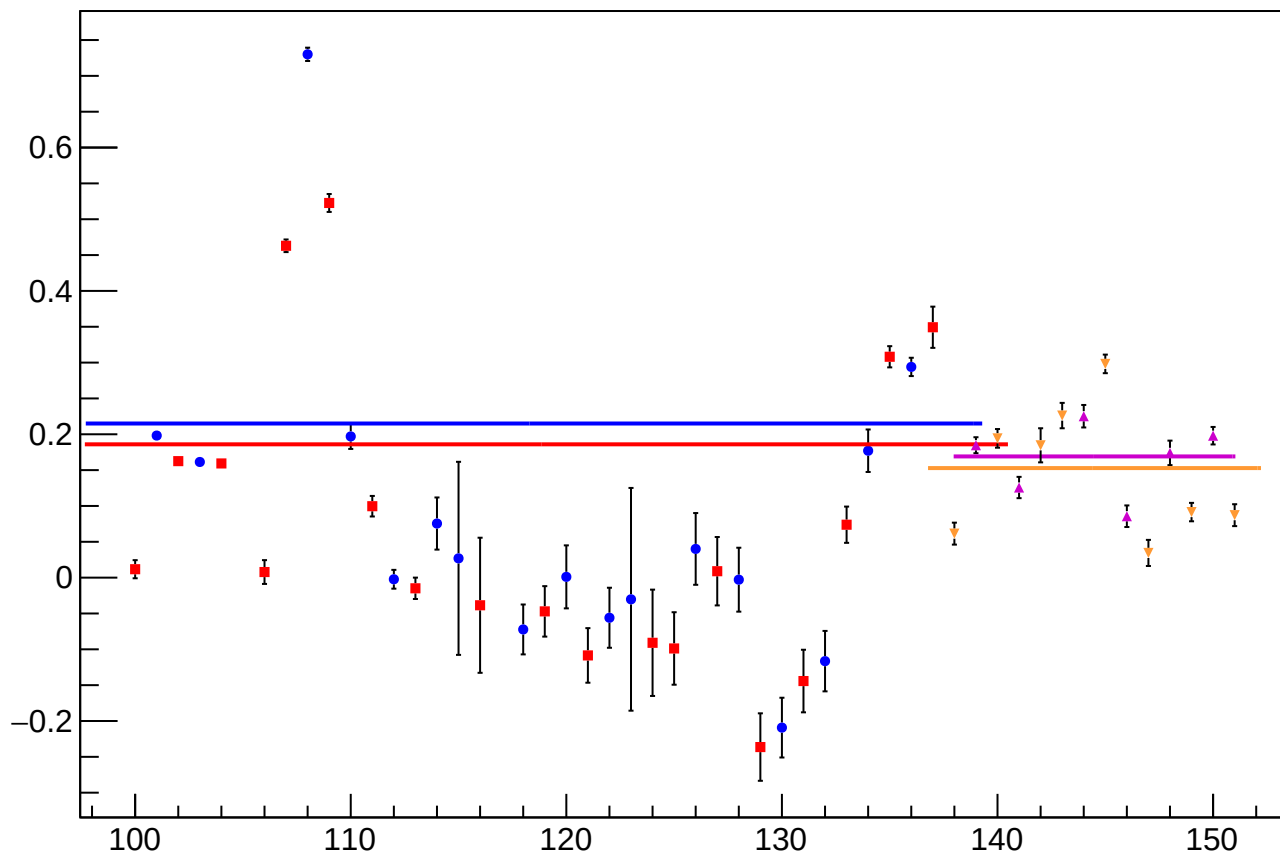
Left In: 49.930 $\pm$ 0.120 χ^2/NDF : 740.3/5

+ sign 17.935 $\pm$ 0.056 χ^2/NDF : 244132.0/24

All: 18.952 $\pm$ 0.041 χ^2/NDF : 450128.6/49

- sign 20.150 $\pm$ 0.060 χ^2/NDF : 205266.0/24

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 χ^2/NDF : 3930.1/16

Left Out: 0.153 ± 0.005 χ^2/NDF : 274.0/7

Right Out: 0.186 ± 0.003 χ^2/NDF : 2720.3/18

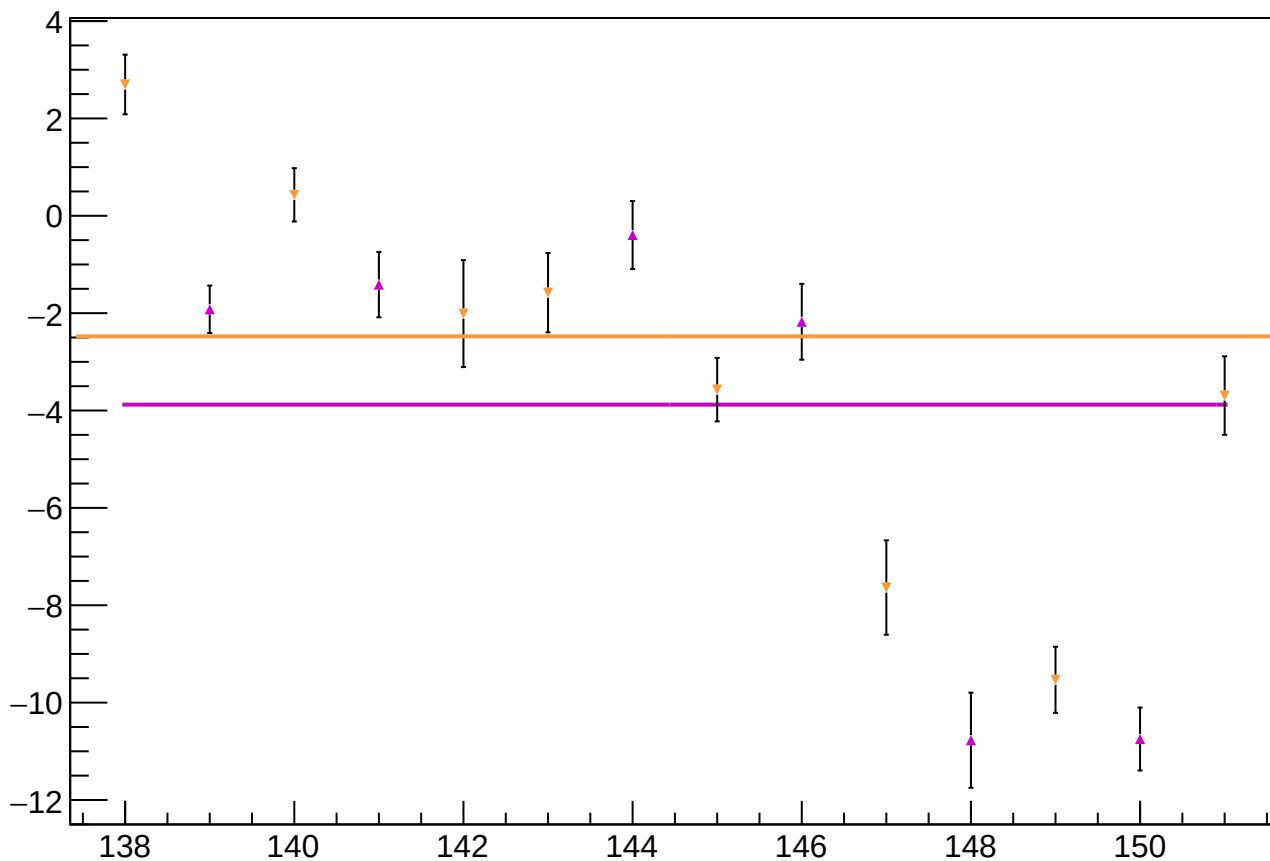
Left In: 0.169 ± 0.006 χ^2/NDF : 59.7/5

+ sign 0.202 ± 0.002 χ^2/NDF : 4309.4/24

All: 0.192 ± 0.002 χ^2/NDF : 7127.4/49

- sign 0.183 ± 0.002 χ^2/NDF : 2787.2/24

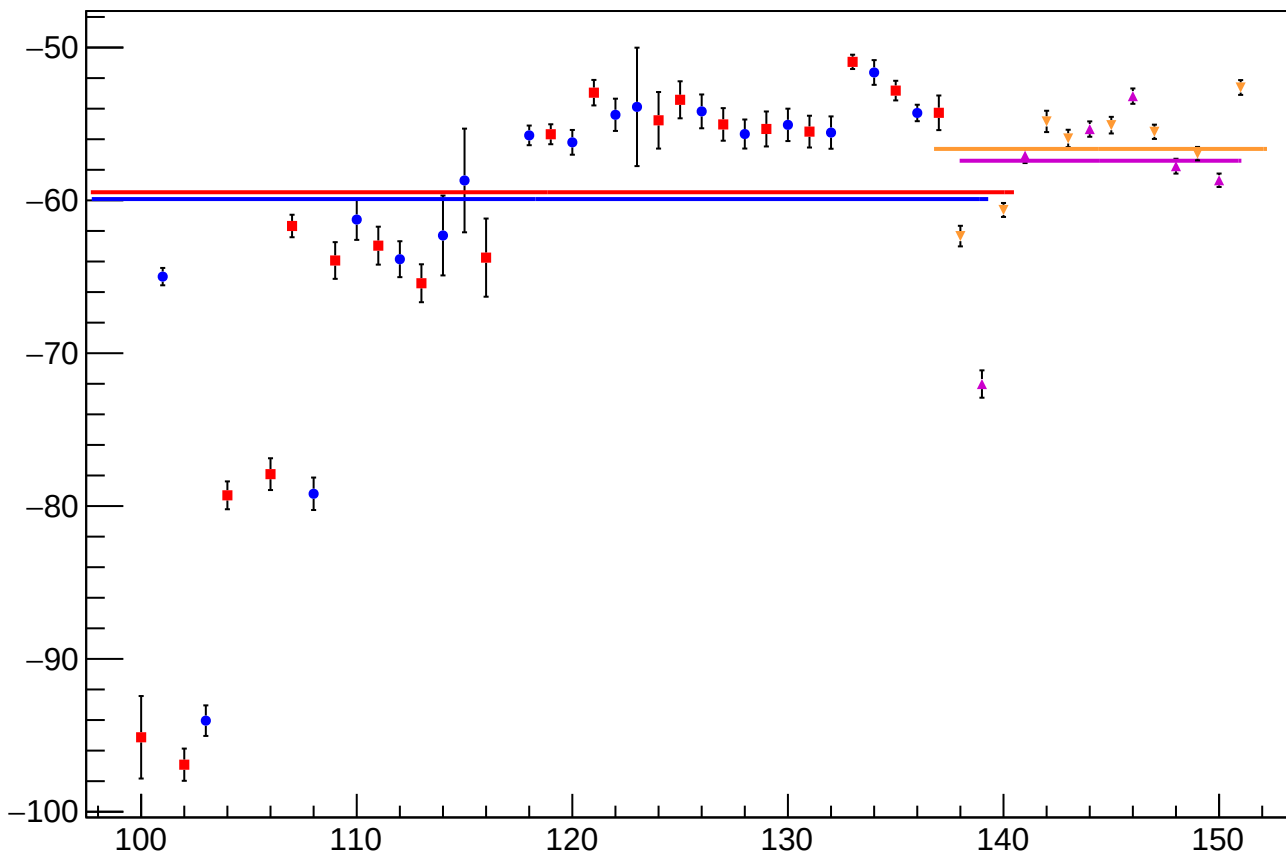
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: -2.476 $\pm$ 0.254 χ^2 /NDF:242.4/7
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: -3.879 $\pm$ 0.272 χ^2 /NDF:222.0/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -3.132 $\pm$ 0.186 χ^2 /NDF: 478.6/13
- 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: -56.633 ± 0.184 χ^2/NDF : 239.2/7

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

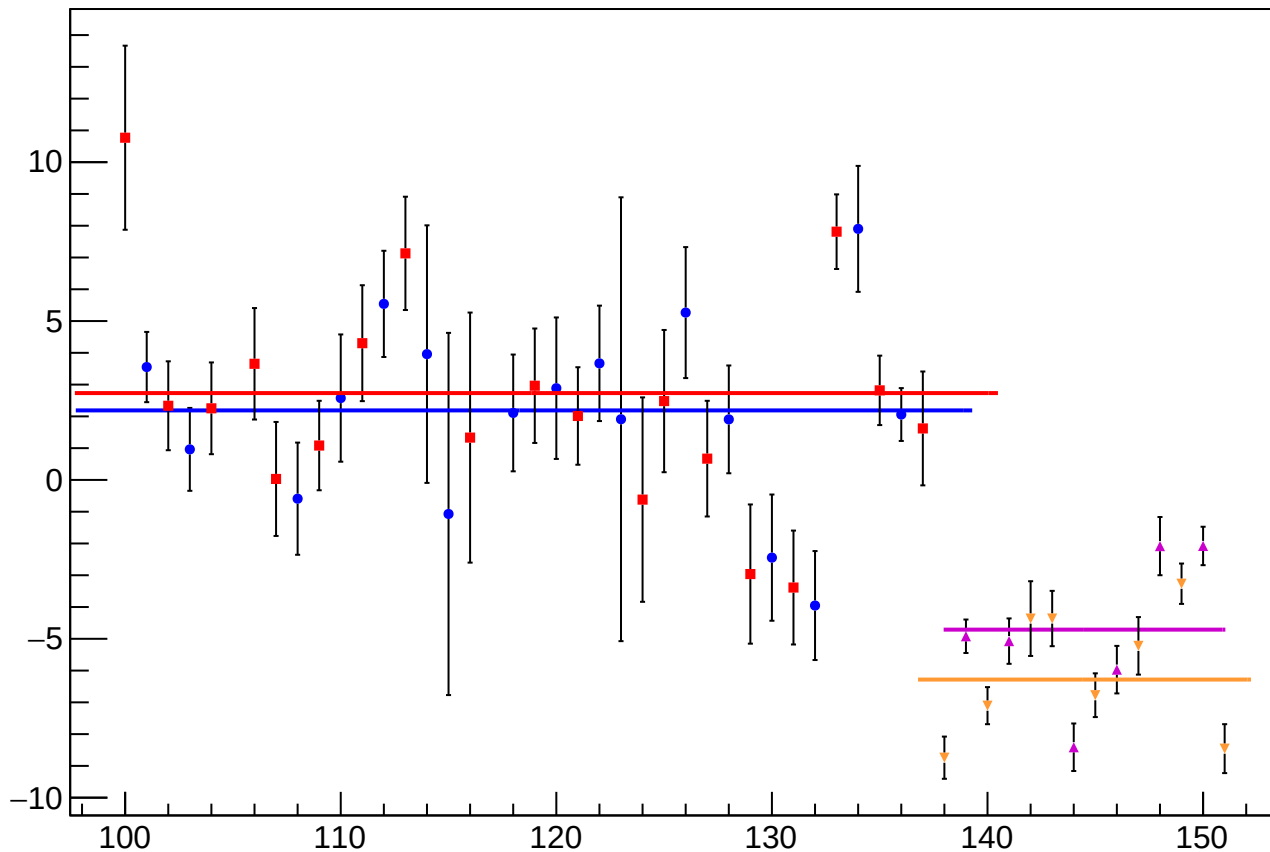
Left In: -57.407 ± 0.209 χ^2/NDF : 363.6/5

+ sign -57.963 ± 0.142 χ^2/NDF : 2347.4/24

All: -58.182 ± 0.103 χ^2/NDF : 5676.5/49

- sign -58.423 ± 0.149 χ^2/NDF : 3324.1/24

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.283 ± 0.260 $\chi^2/\text{NDF}: 55.6/7$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

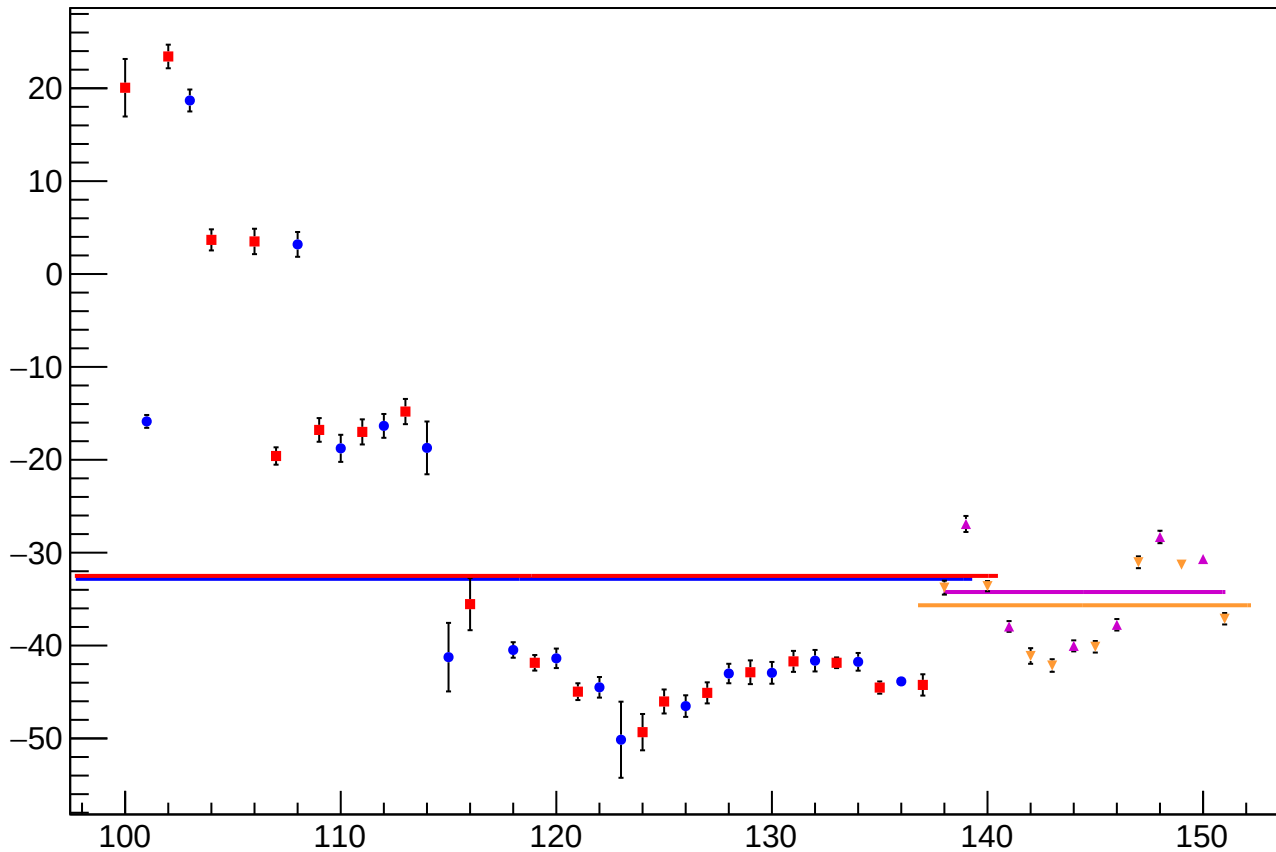
Left In: -4.712 ± 0.277 $\chi^2/\text{NDF}: 54.9/5$

+ sign -3.797 ± 0.219 $\chi^2/\text{NDF}: 405.2/24$

All: -3.021 ± 0.157 $\chi^2/\text{NDF}: 789.3/49$

- sign -2.200 ± 0.225 $\chi^2/\text{NDF}: 358.3/24$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 χ^2/NDF : 4666.6/16

Left Out: -35.663 ± 0.224 χ^2/NDF : 332.0/7

Right Out: -32.501 ± 0.244 χ^2/NDF : 6037.9/18

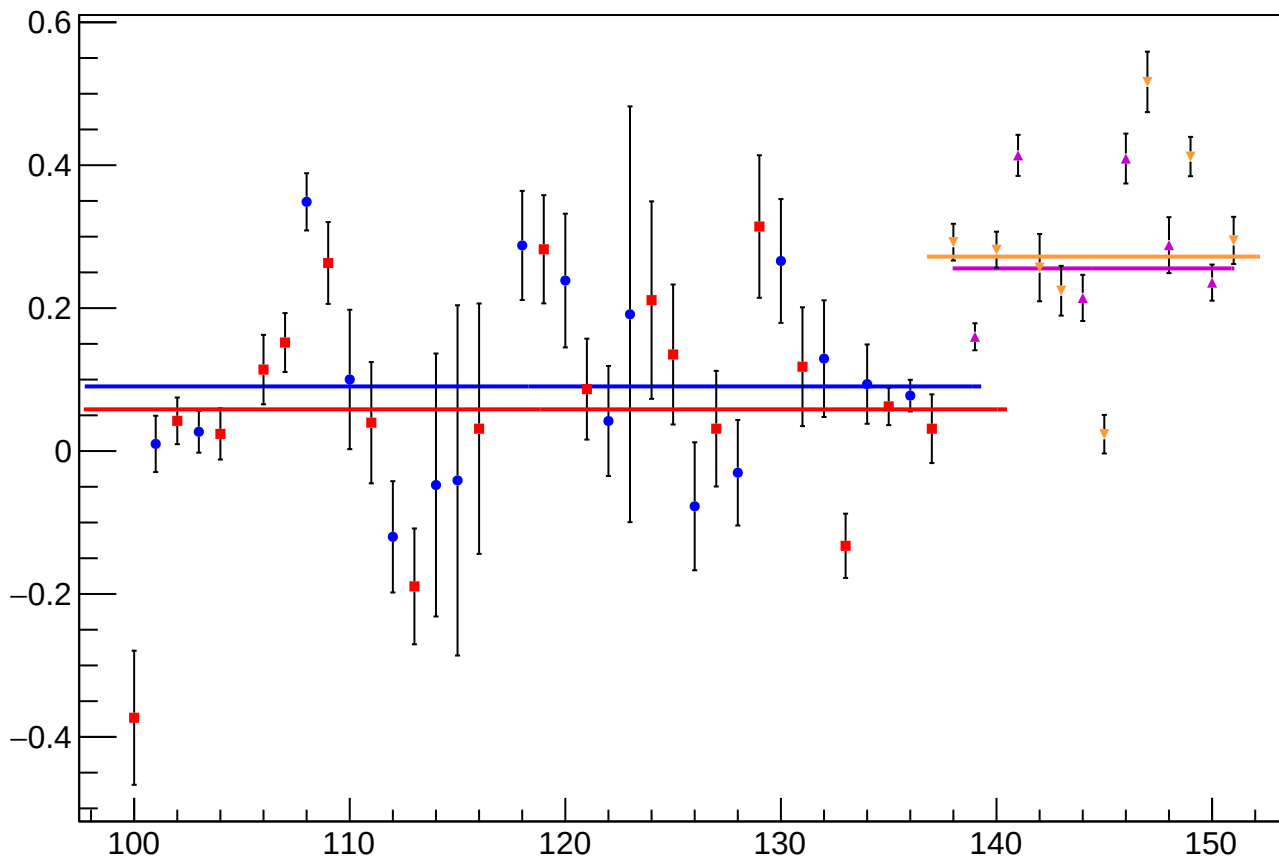
Left In: -34.237 ± 0.251 χ^2/NDF : 368.0/5

+ sign -34.417 ± 0.168 χ^2/NDF : 5069.2/24

All: -33.902 ± 0.121 χ^2/NDF : 11519.3/49

- sign -33.344 ± 0.175 χ^2/NDF : 6430.5/24

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.272 ± 0.011 $\chi^2/\text{NDF}: 147.4/7$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

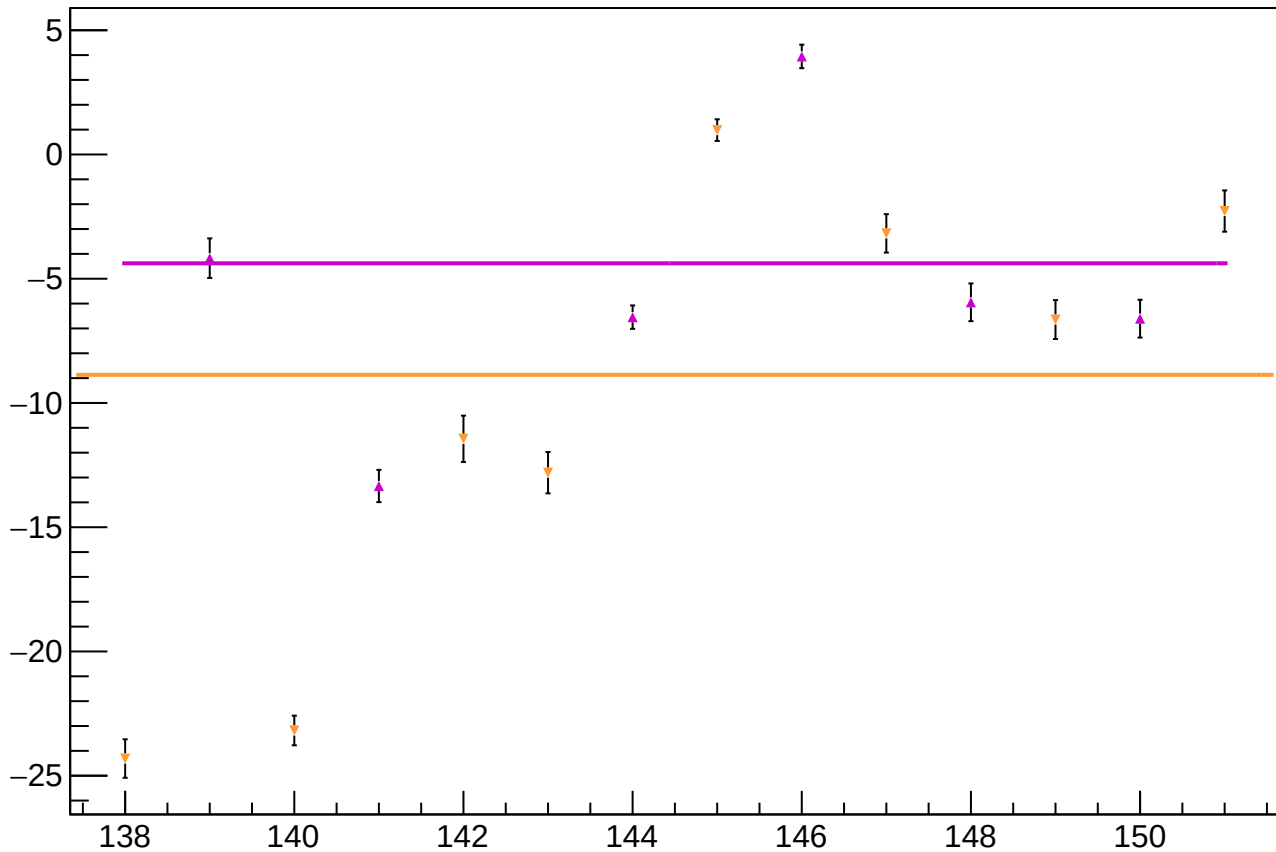
Left In: 0.256 ± 0.011 $\chi^2/\text{NDF}: 78.3/5$

+ sign 0.196 ± 0.008 $\chi^2/\text{NDF}: 344.9/24$

All: 0.180 ± 0.006 $\chi^2/\text{NDF}: 660.3/49$

- sign 0.165 ± 0.008 $\chi^2/\text{NDF}: 308.5/24$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.868+/-0.242 χ^2/NDF : 1638.1/7

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

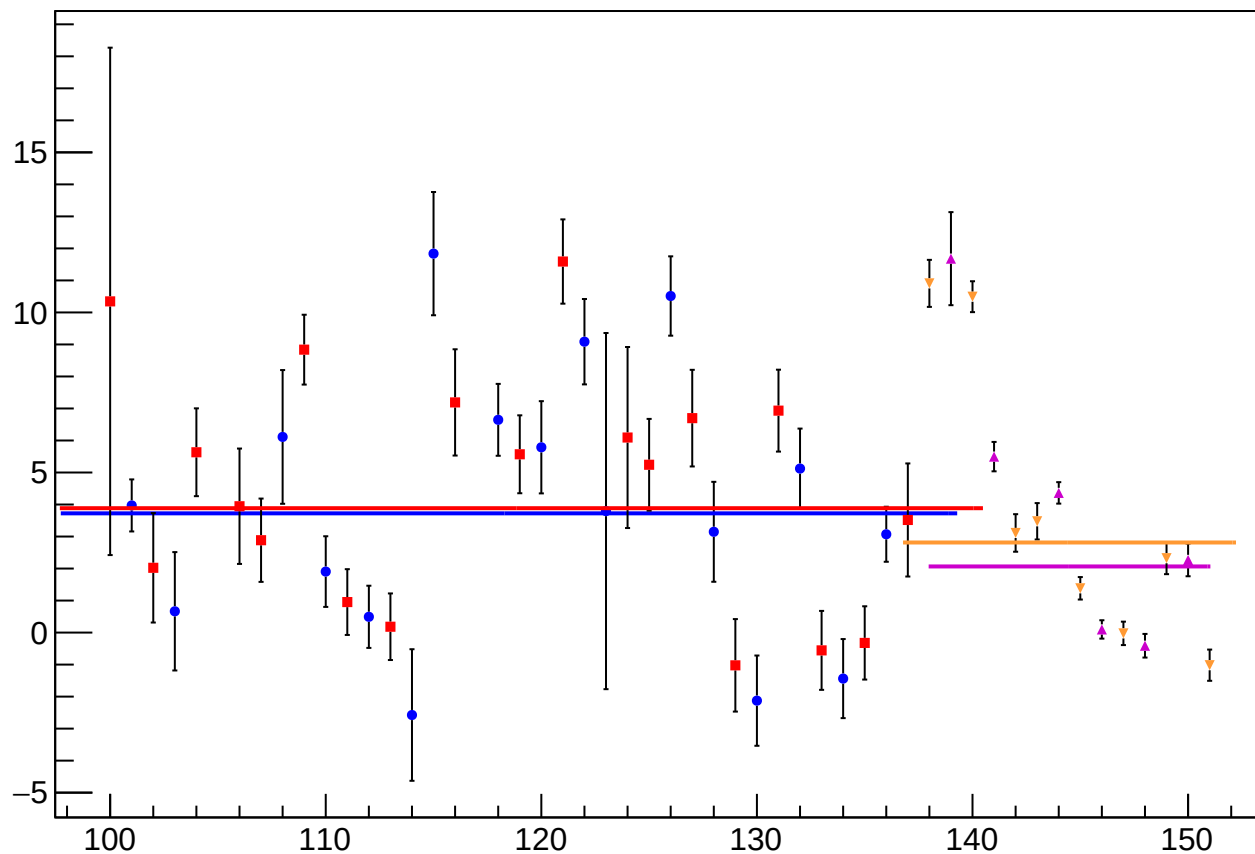
Left In: -4.379+/-0.247 χ^2/NDF : 535.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.670+/-0.173 χ^2/NDF : 2341.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 $\chi^2/\text{NDF}: 136.8/16$

Left Out: 2.814 ± 0.167 $\chi^2/\text{NDF}: 515.8/7$

Right Out: 3.885 ± 0.316 $\chi^2/\text{NDF}: 134.4/18$

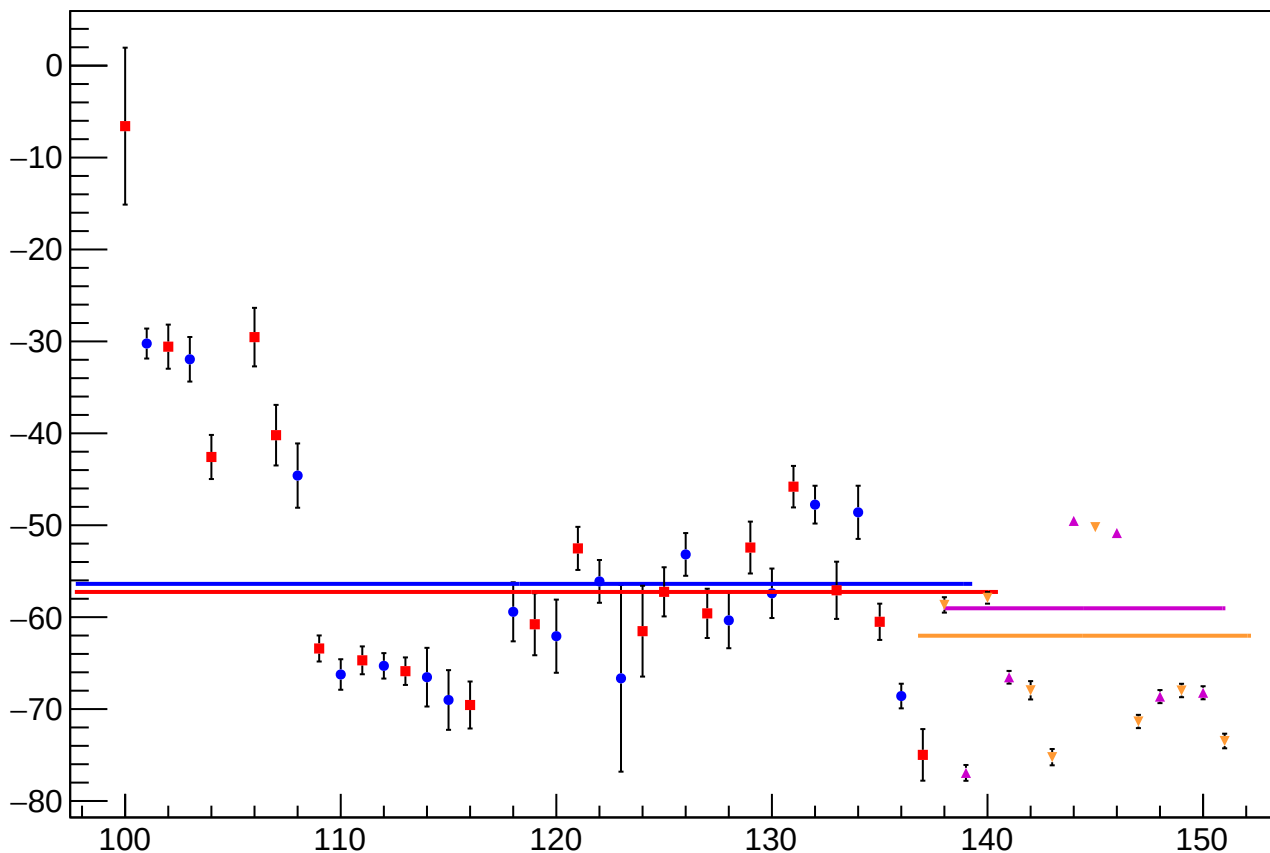
Left In: 2.066 ± 0.163 $\chi^2/\text{NDF}: 238.8/5$

+ sign 3.020 ± 0.147 $\chi^2/\text{NDF}: 659.3/24$

All: 2.732 ± 0.103 $\chi^2/\text{NDF}: 1066.2/49$

- sign 2.449 ± 0.145 $\chi^2/\text{NDF}: 399.3/24$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -62.019 ± 0.249 $\chi^2/\text{NDF}: 1404.4/7$

Right Out: -57.258 ± 0.536 $\chi^2/\text{NDF}: 476.1/18$

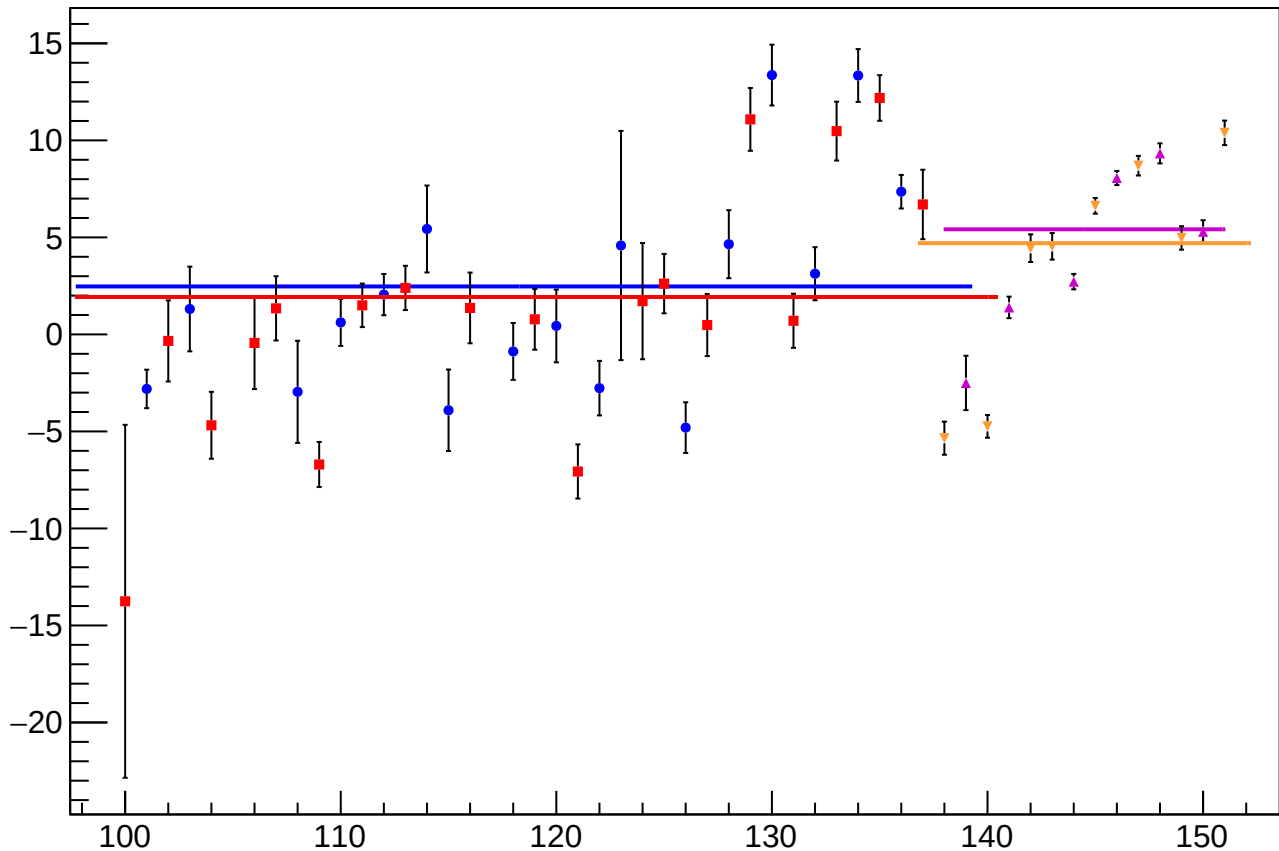
Left In: -59.035 ± 0.249 $\chi^2/\text{NDF}: 1580.4/5$

+ sign -61.039 ± 0.226 $\chi^2/\text{NDF}: 2081.2/24$

All: -59.878 ± 0.160 $\chi^2/\text{NDF}: 4199.5/49$

- sign -58.721 ± 0.226 $\chi^2/\text{NDF}: 2065.5/24$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.704 ± 0.206 χ^2/NDF : 566.7/7

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

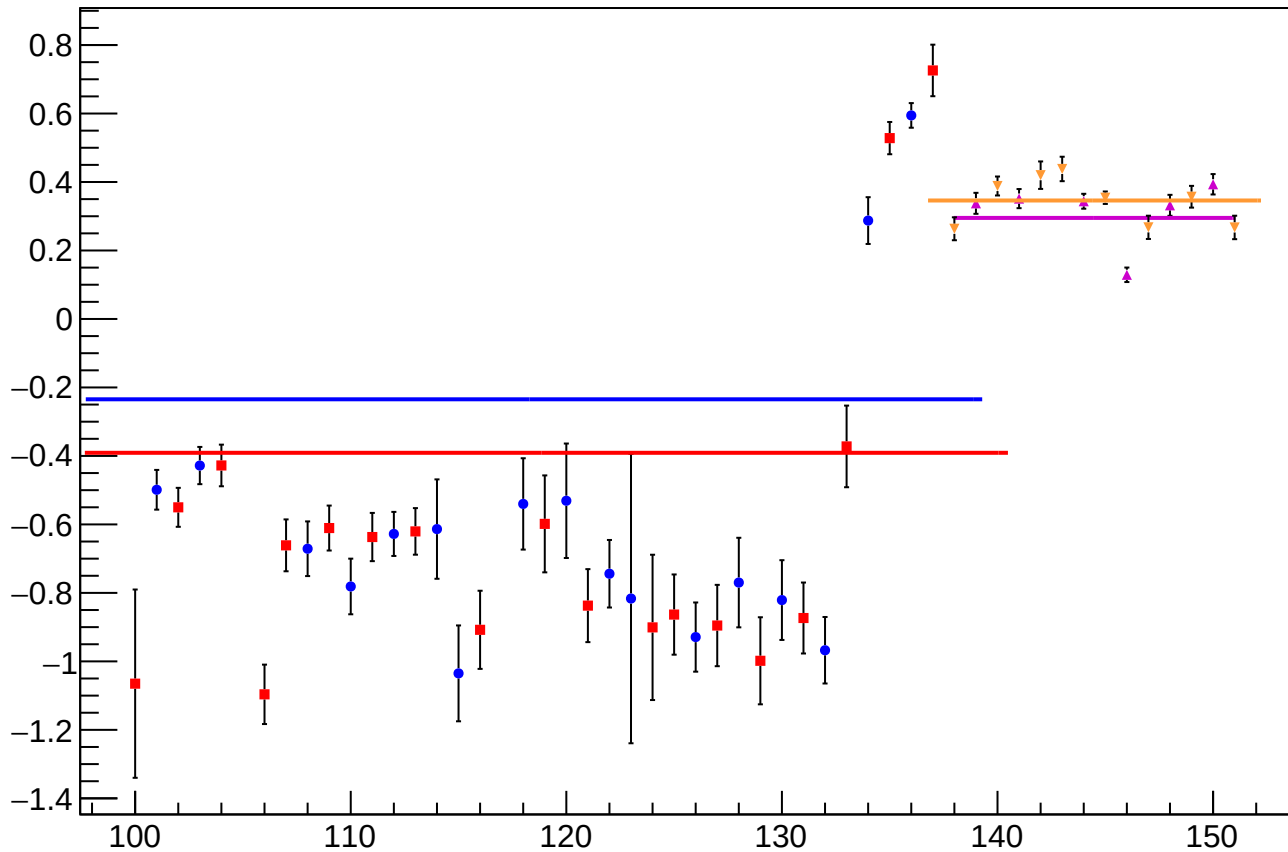
Left In: 5.418 ± 0.203 χ^2/NDF : 240.6/5

+ sign 4.120 ± 0.177 χ^2/NDF : 841.1/24

All: 4.338 ± 0.125 χ^2/NDF : 1424.1/49

- sign 4.555 ± 0.176 χ^2/NDF : 580.0/24

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 $\chi^2/\text{NDF}: 958.4/16$

Left Out: 0.346 ± 0.010 $\chi^2/\text{NDF}: 29.4/7$

Right Out: -0.391 ± 0.019 $\chi^2/\text{NDF}: 853.3/18$

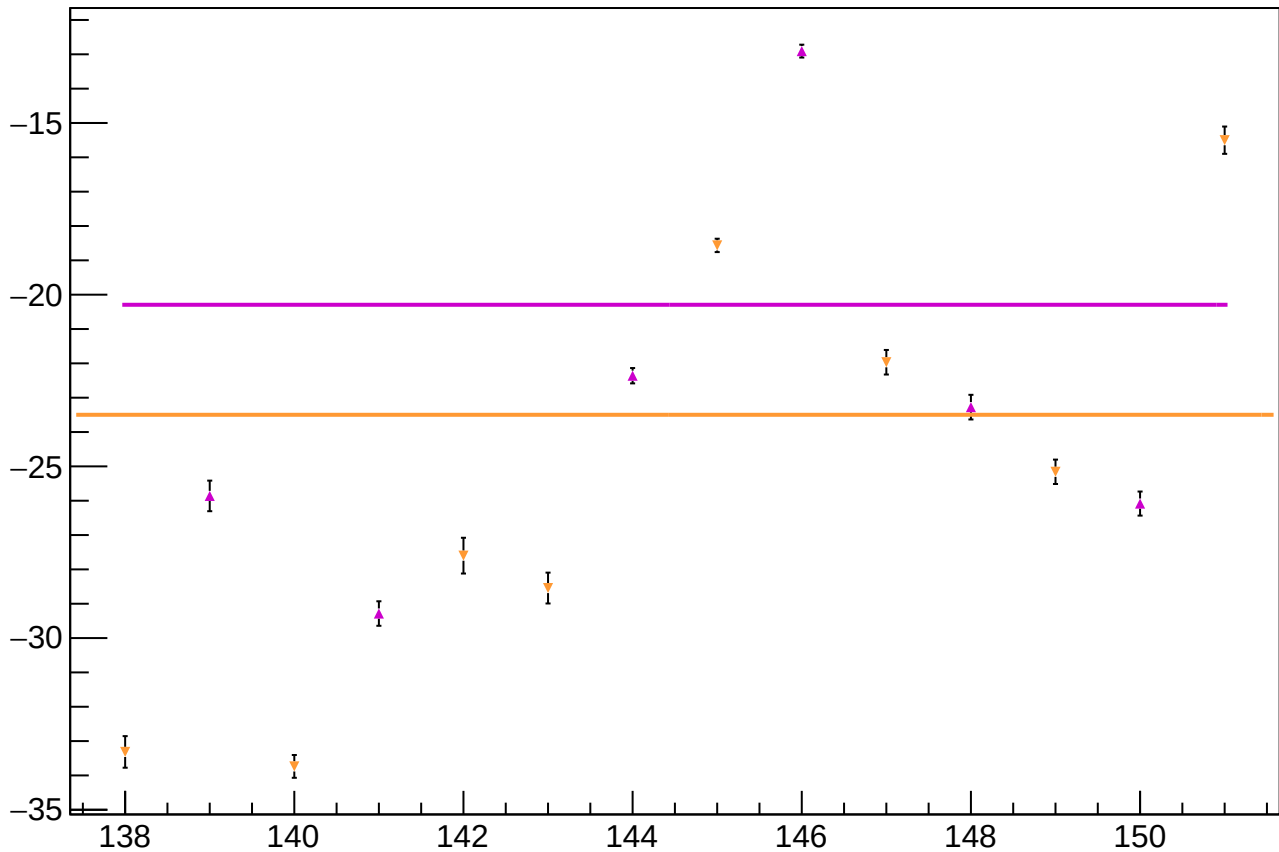
Left In: 0.295 ± 0.011 $\chi^2/\text{NDF}: 84.9/5$

+ sign 0.212 ± 0.009 $\chi^2/\text{NDF}: 1715.4/24$

All: 0.172 ± 0.006 $\chi^2/\text{NDF}: 3689.2/49$

- sign 0.132 ± 0.009 $\chi^2/\text{NDF}: 1935.5/24$

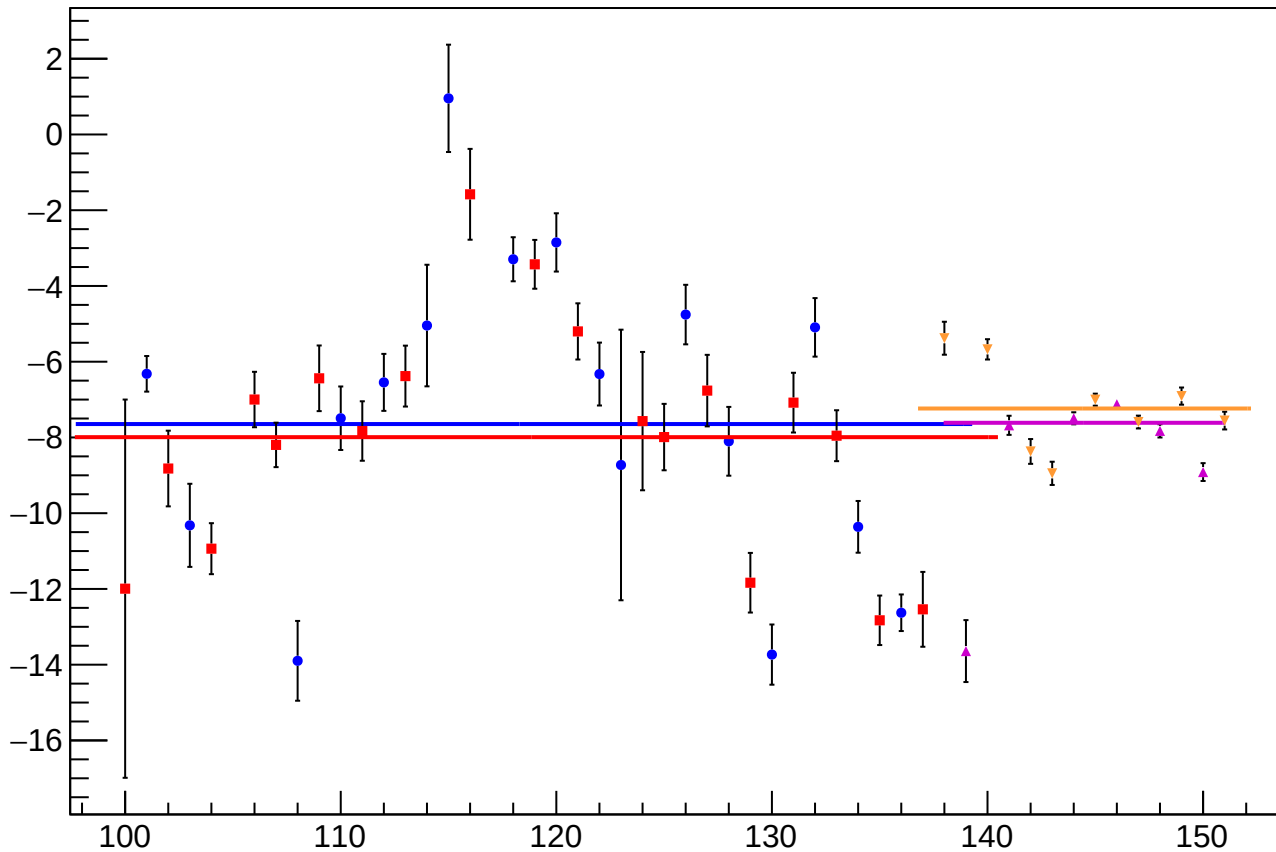
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.498+/-0.119 χ^2/NDF : 2680.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.294+/-0.114 χ^2/NDF : 2772.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -21.826+/-0.082 χ^2/NDF : 5832.6/13
 - 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: -7.236 ± 0.081 χ^2/NDF : 105.8/7

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

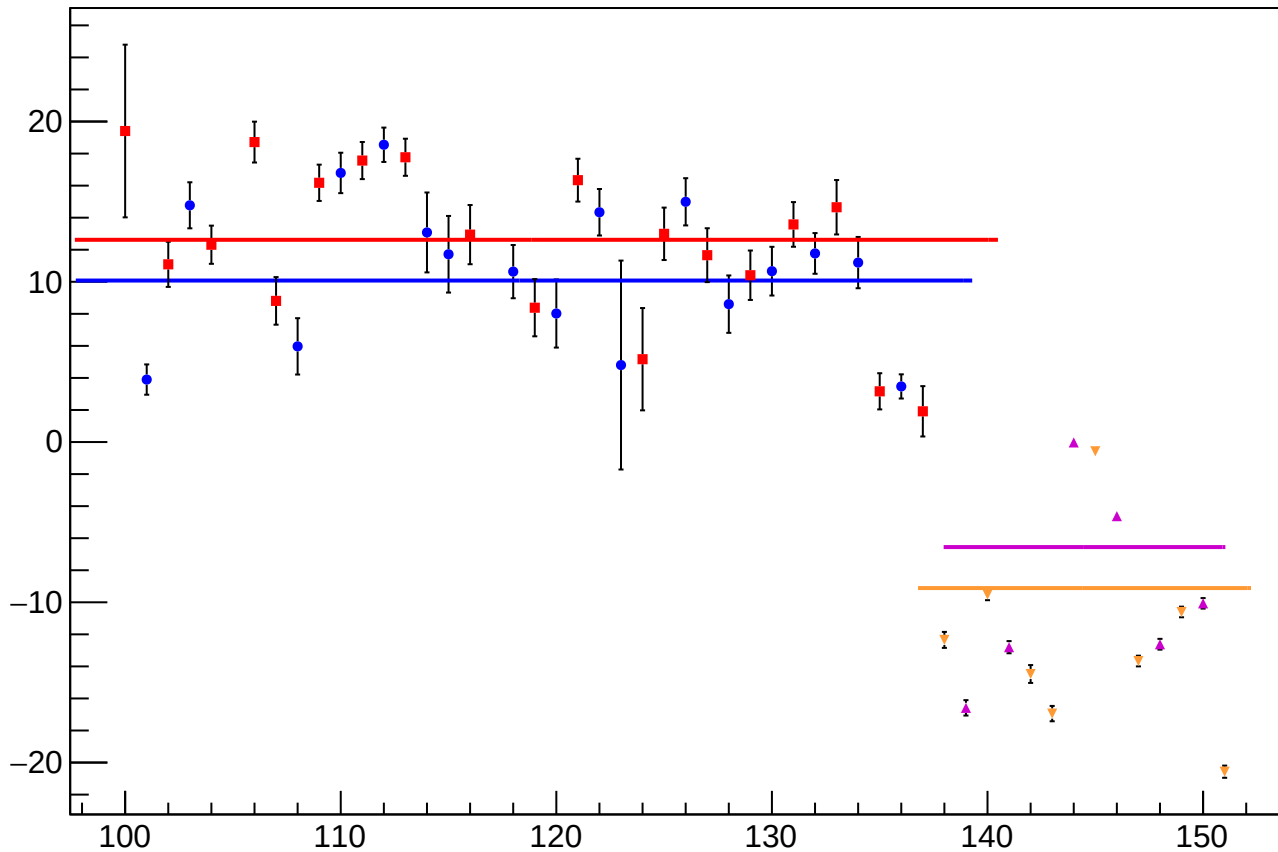
Left In: -7.613 ± 0.074 χ^2/NDF : 104.6/5

+ sign -7.302 ± 0.075 χ^2/NDF : 503.5/24

All: -7.497 ± 0.051 χ^2/NDF : 849.9/49

- sign -7.666 ± 0.069 χ^2/NDF : 333.6/24

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -9.112 ± 0.121 χ^2/NDF : 3231.8/7

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

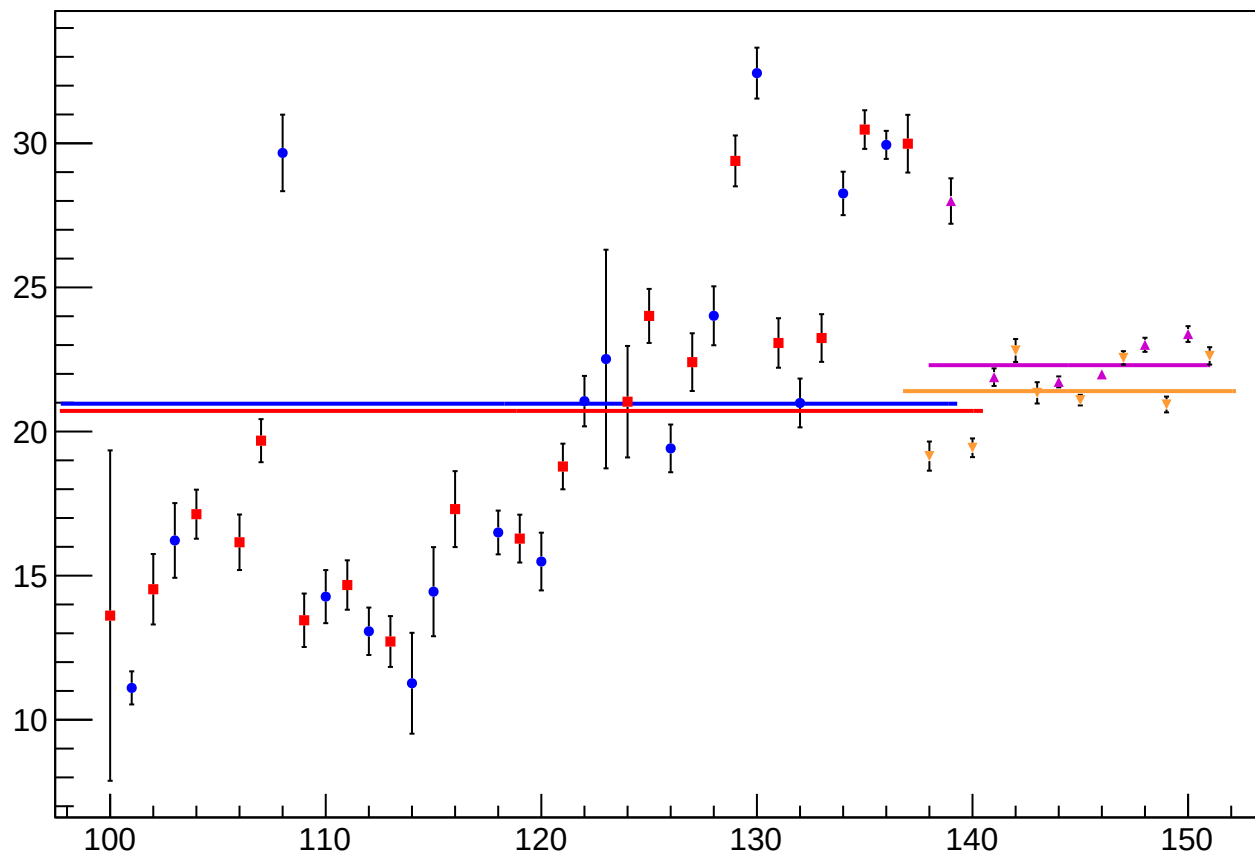
Left In: -6.554 ± 0.113 χ^2/NDF : 2003.6/5

+ sign -6.912 ± 0.114 χ^2/NDF : 6358.9/24

All: -5.662 ± 0.078 χ^2/NDF : 11788.7/49

- sign -4.552 ± 0.107 χ^2/NDF : 5202.9/24

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: 21.402 $\pm$ 0.100 χ^2 /NDF: 115.5/7

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

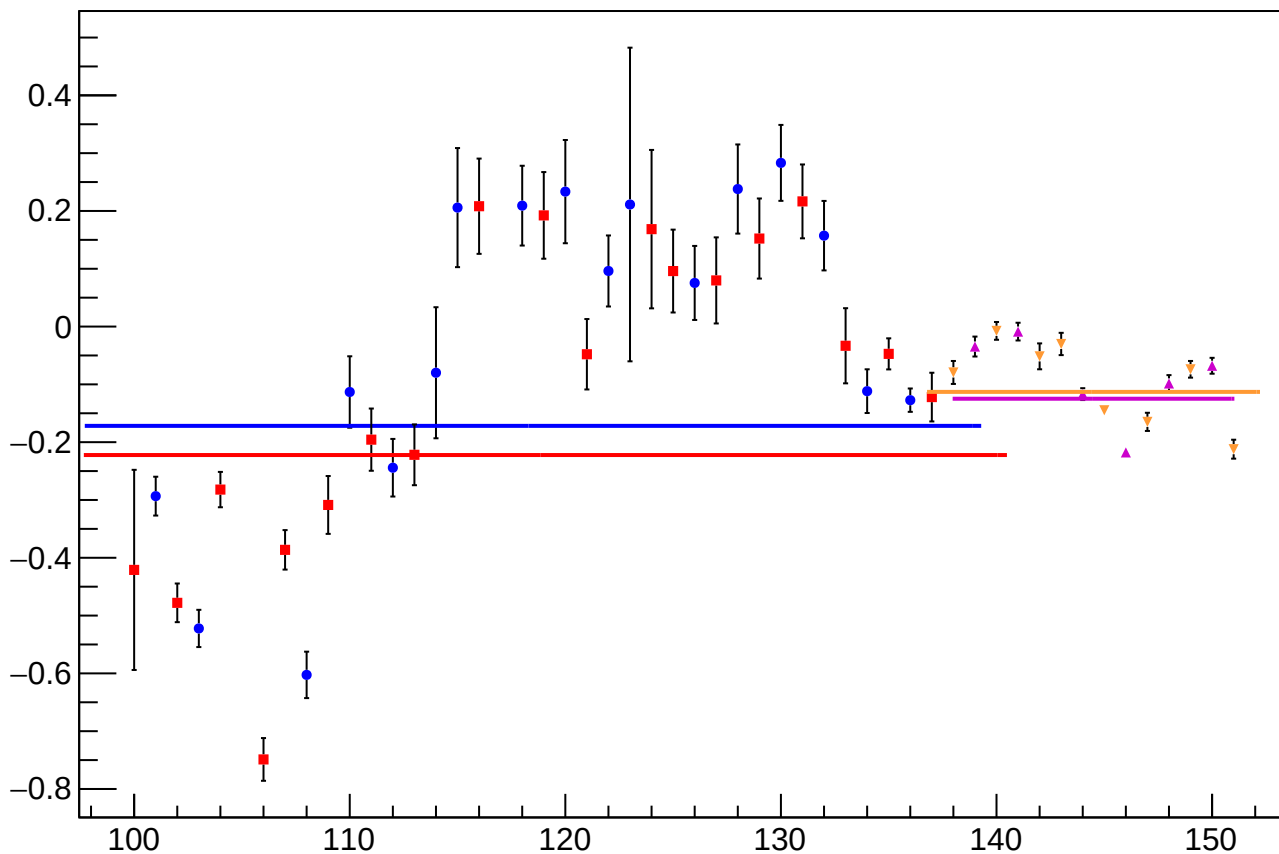
Left In: 22.302 $\pm$ 0.093 χ^2 /NDF: 92.1/5

+ sign 21.321 $\pm$ 0.091 χ^2 /NDF: 1344.6/24

All: 21.709 $\pm$ 0.062 χ^2 /NDF: 2247.9/49

- sign 22.050 $\pm$ 0.085 χ^2 /NDF: 868.8/24

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.113 ± 0.005 χ^2/NDF : 146.2/7

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

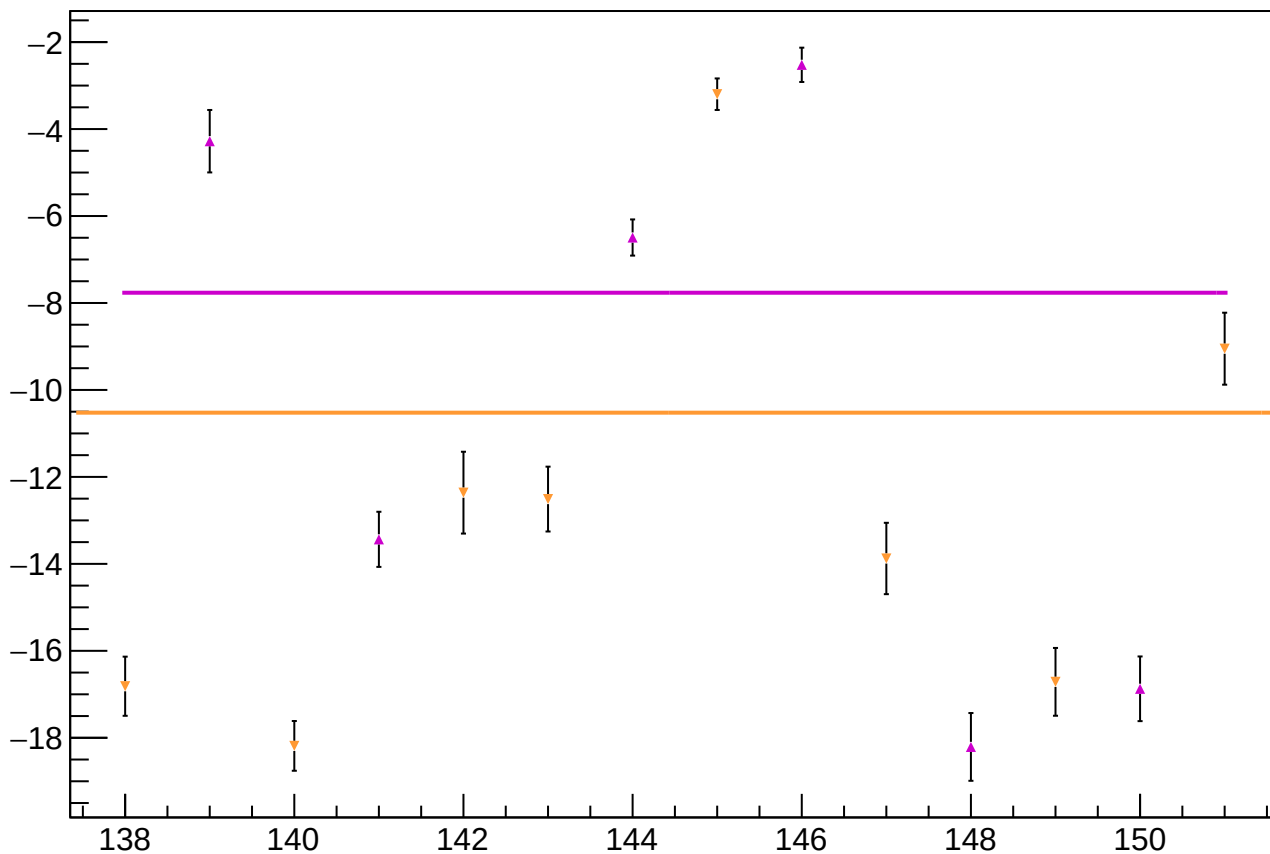
Left In: -0.125 ± 0.005 χ^2/NDF : 226.9/5

+ sign -0.123 ± 0.005 χ^2/NDF : 633.3/24

All: -0.132 ± 0.003 χ^2/NDF : 1470.3/49

- sign -0.141 ± 0.004 χ^2/NDF : 828.9/24

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.523+/-0.222 χ^2/NDF : 766.7/7

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

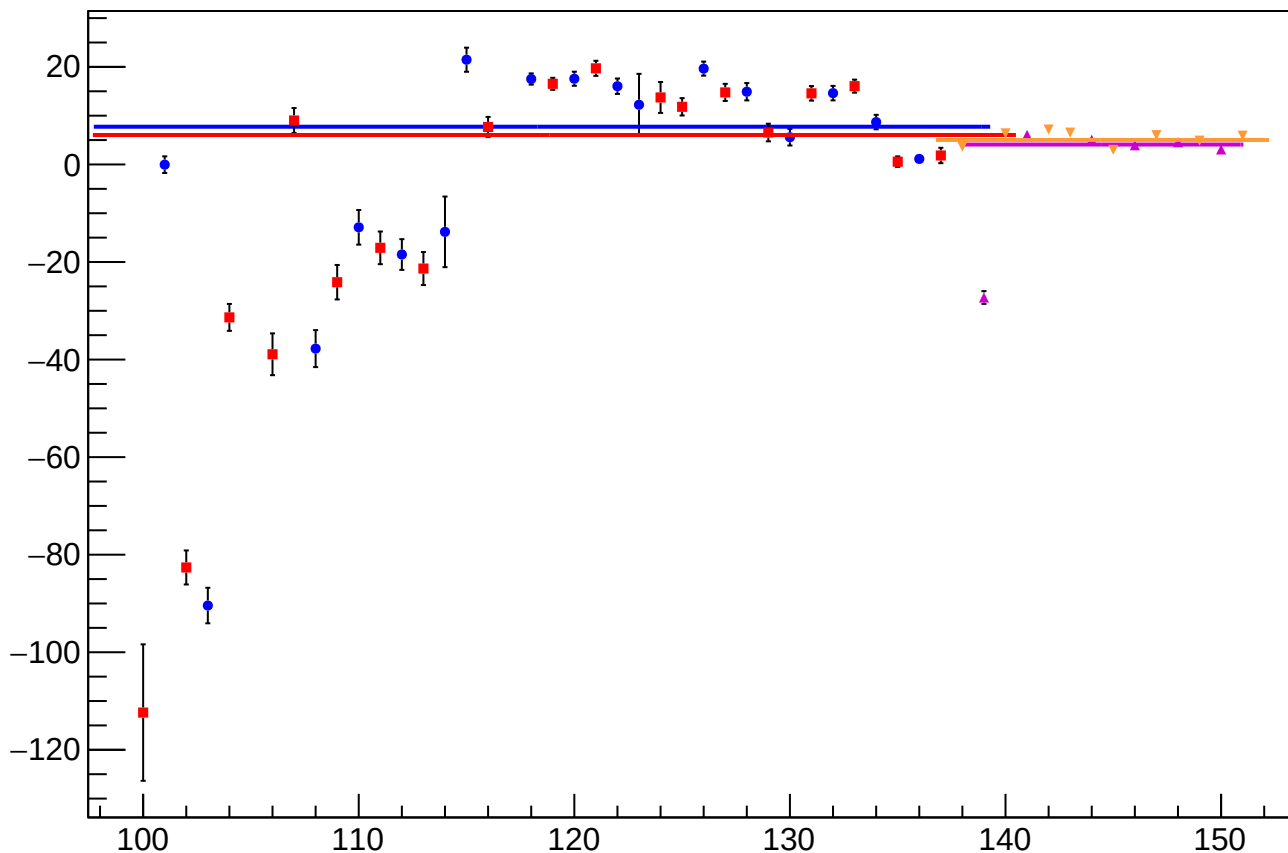
Left In: -7.764+/-0.223 χ^2/NDF : 619.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.152+/-0.157 χ^2/NDF : 1462.8/13

- 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: 5.023 ± 0.157 $\chi^2/\text{NDF}: 94.1/7$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

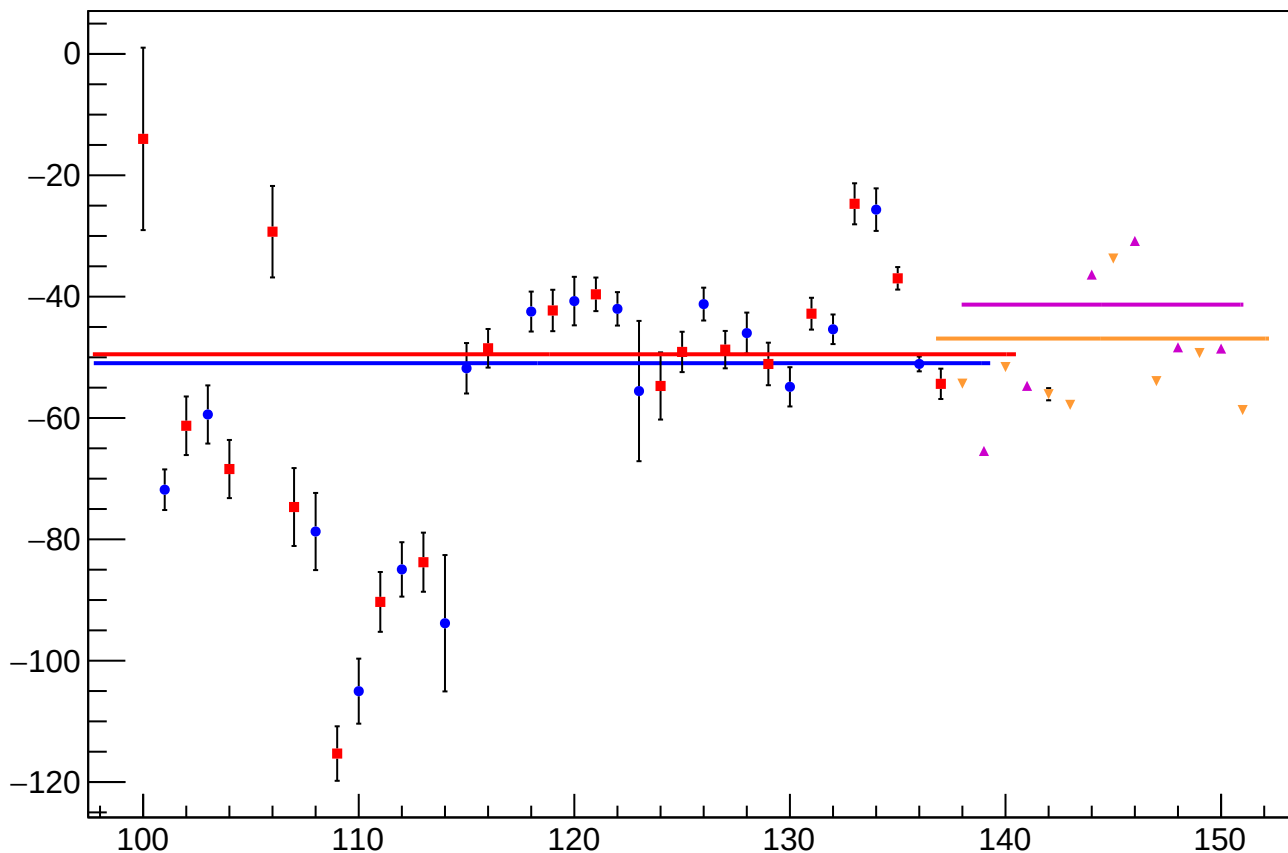
Left In: 4.081 ± 0.151 $\chi^2/\text{NDF}: 612.3/5$

+ sign 5.381 ± 0.146 $\chi^2/\text{NDF}: 1492.0/24$

All: 4.825 ± 0.102 $\chi^2/\text{NDF}: 3662.8/49$

- sign 4.293 ± 0.143 $\chi^2/\text{NDF}: 2142.6/24$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -46.907 ± 0.230 χ^2/NDF : 1906.3/7

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

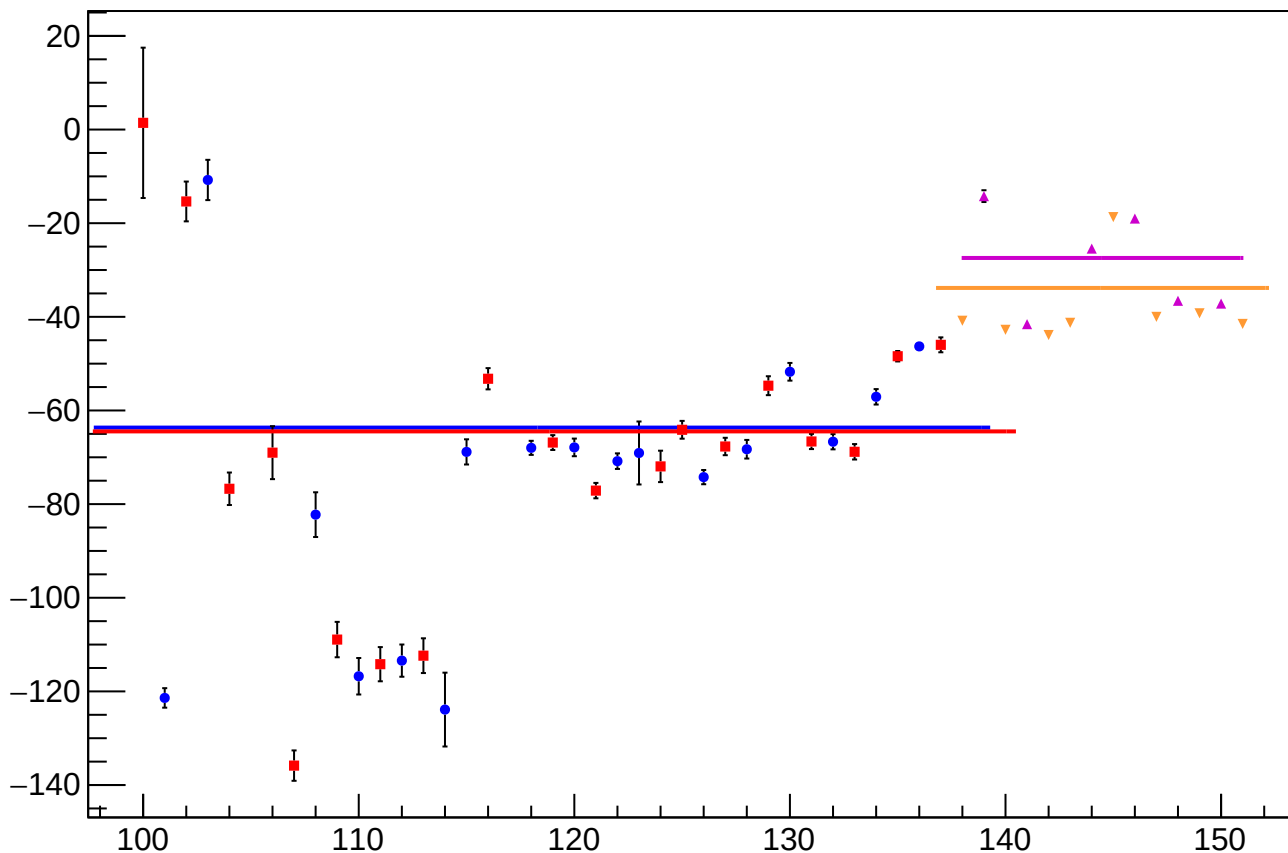
Left In: -41.315 ± 0.225 χ^2/NDF : 2447.0/5

+ sign -47.266 ± 0.219 χ^2/NDF : 2266.5/24

All: -44.557 ± 0.154 χ^2/NDF : 5622.4/49

- sign -41.918 ± 0.217 χ^2/NDF : 3054.9/24

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -33.828 ± 0.192 χ^2/NDF : 3096.9/7

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

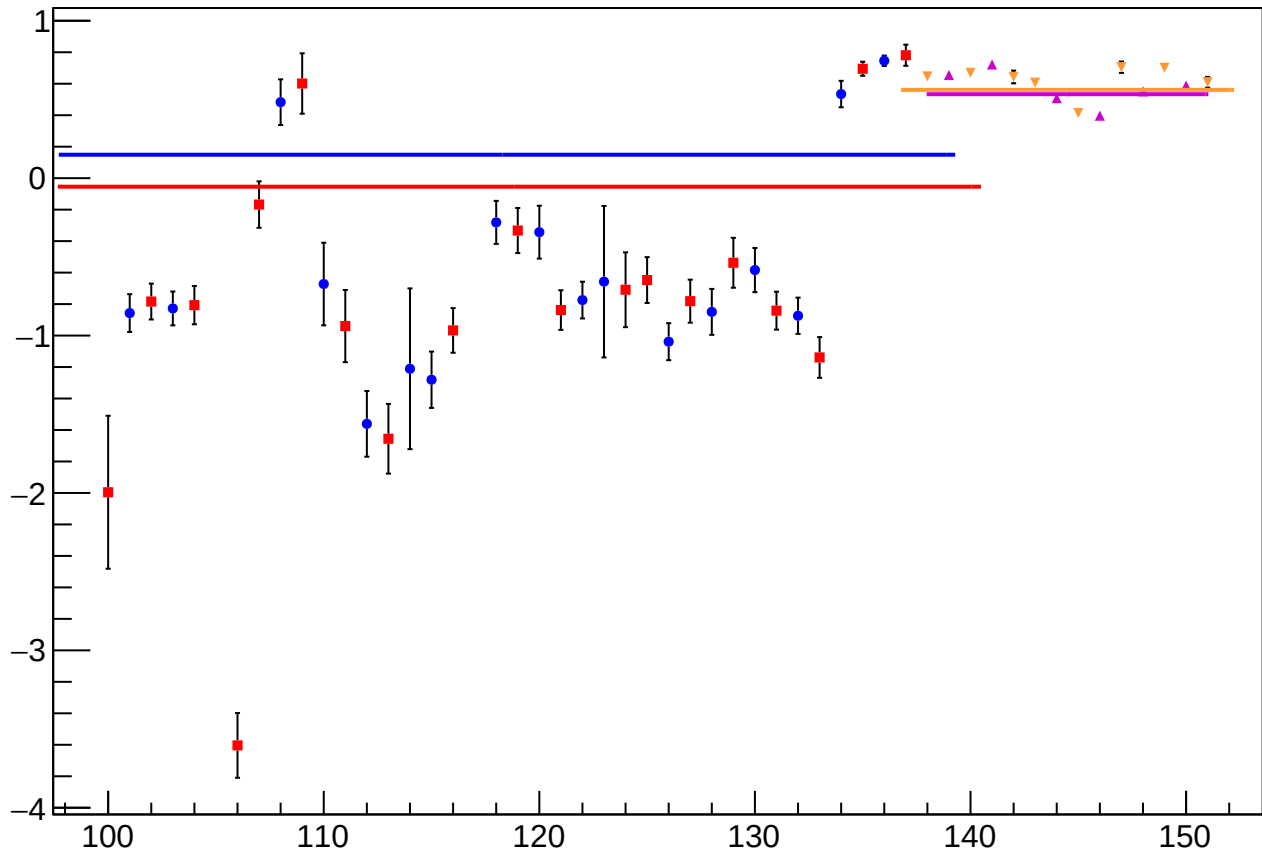
Left In: -27.425 ± 0.187 χ^2/NDF : 2116.0/5

+ sign -38.487 ± 0.176 χ^2/NDF : 8896.6/24

All: -35.331 ± 0.124 χ^2/NDF : 18382.8/49

- sign -32.245 ± 0.174 χ^2/NDF : 8850.4/24

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: 0.561 $\pm$ 0.009 χ^2 /NDF:162.7/7

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

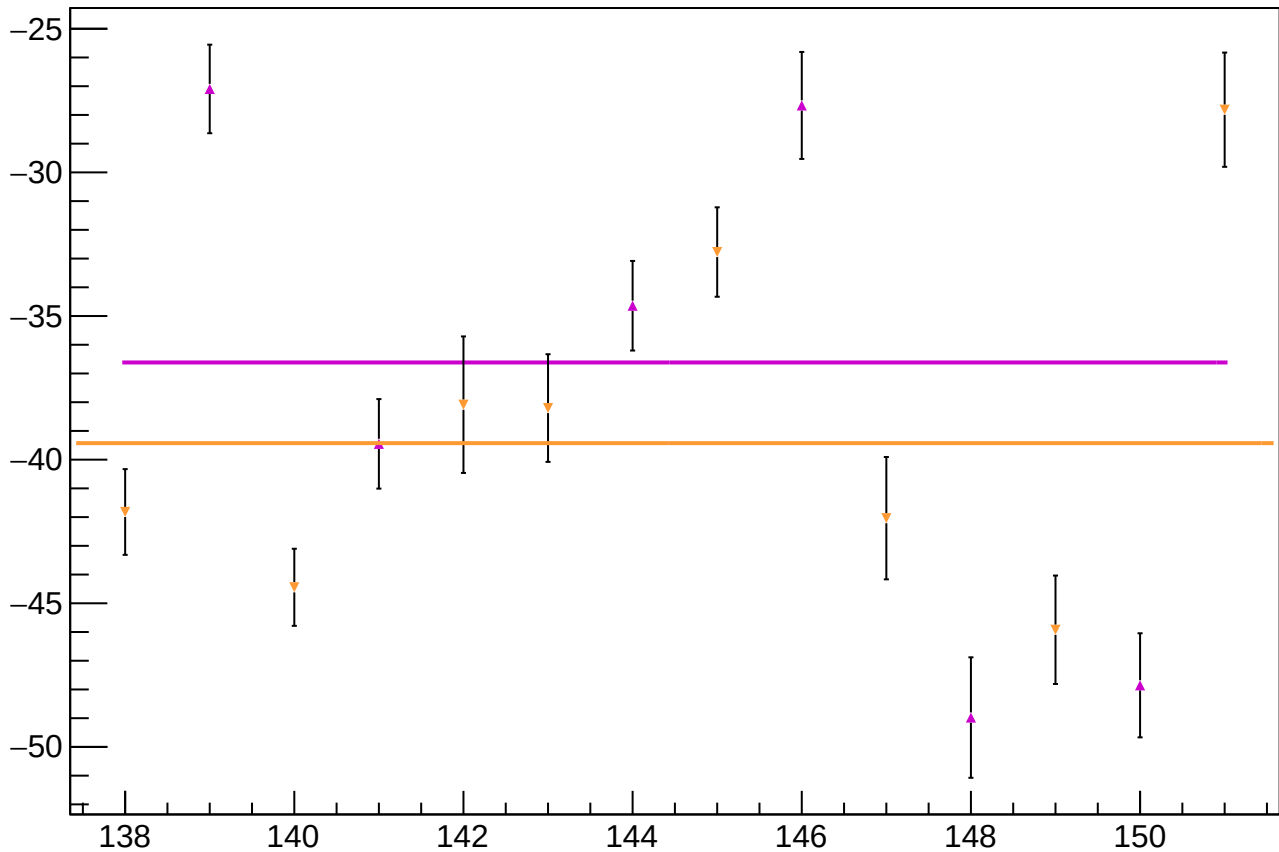
Left In: 0.534 $\pm$ 0.010 χ^2 /NDF:131.5/5

+ sign 0.505 $\pm$ 0.009 χ^2 /NDF: 1408.2/24

All: 0.485 $\pm$ 0.006 χ^2 /NDF: 3161.3/49

- sign 0.463 $\pm$ 0.009 χ^2 /NDF: 1742.1/24

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: -39.425 $\pm$ 0.616 χ^2 /NDF: 83.0/7

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

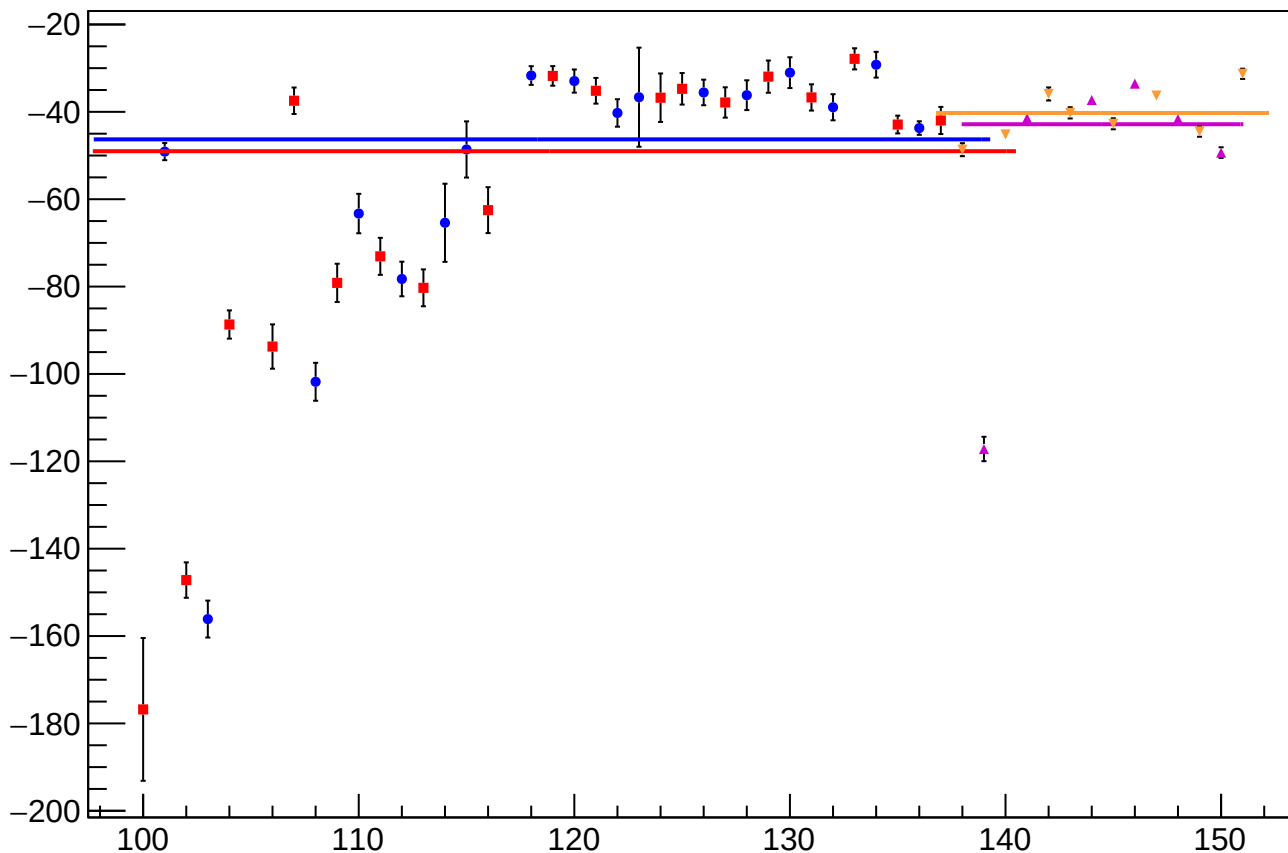
Left In: -36.617 $\pm$ 0.696 χ^2 /NDF: 139.4/5

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

All: -38.191 $\pm$ 0.461 χ^2 /NDF: 231.5/13

- 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: -40.256 ± 0.433 $\chi^2/\text{NDF}: 150.2/7$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

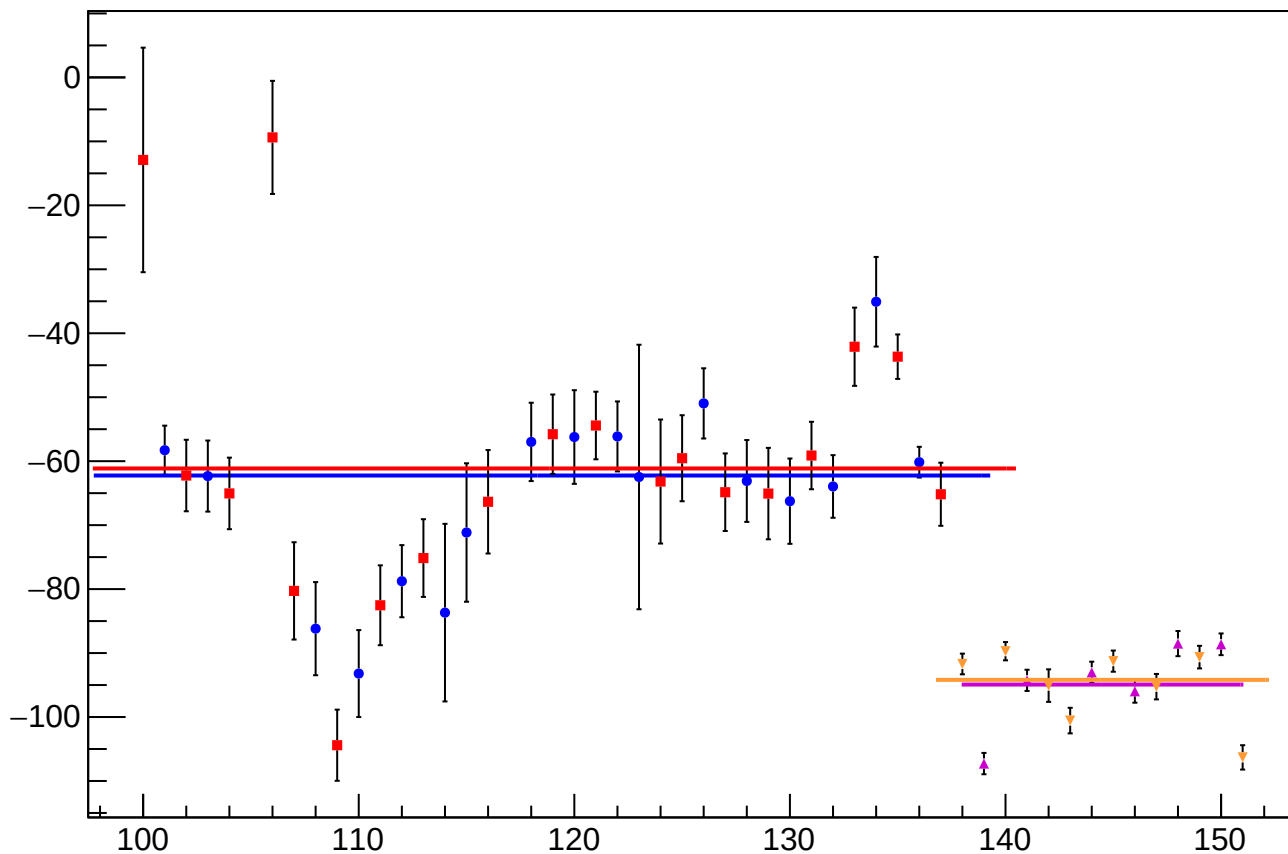
Left In: -42.837 ± 0.492 $\chi^2/\text{NDF}: 831.5/5$

+ sign -41.852 ± 0.371 $\chi^2/\text{NDF}: 1285.7/24$

All: -43.100 ± 0.276 $\chi^2/\text{NDF}: 3460.3/49$

- sign -44.646 ± 0.414 $\chi^2/\text{NDF}: 2149.3/24$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 $\pm$ 1.310 χ^2 /NDF: 67.4/16

Left Out: -94.186 $\pm$ 0.634 χ^2 /NDF: 70.5/7

Right Out: -61.142 $\pm$ 1.379 χ^2 /NDF: 165.6/18

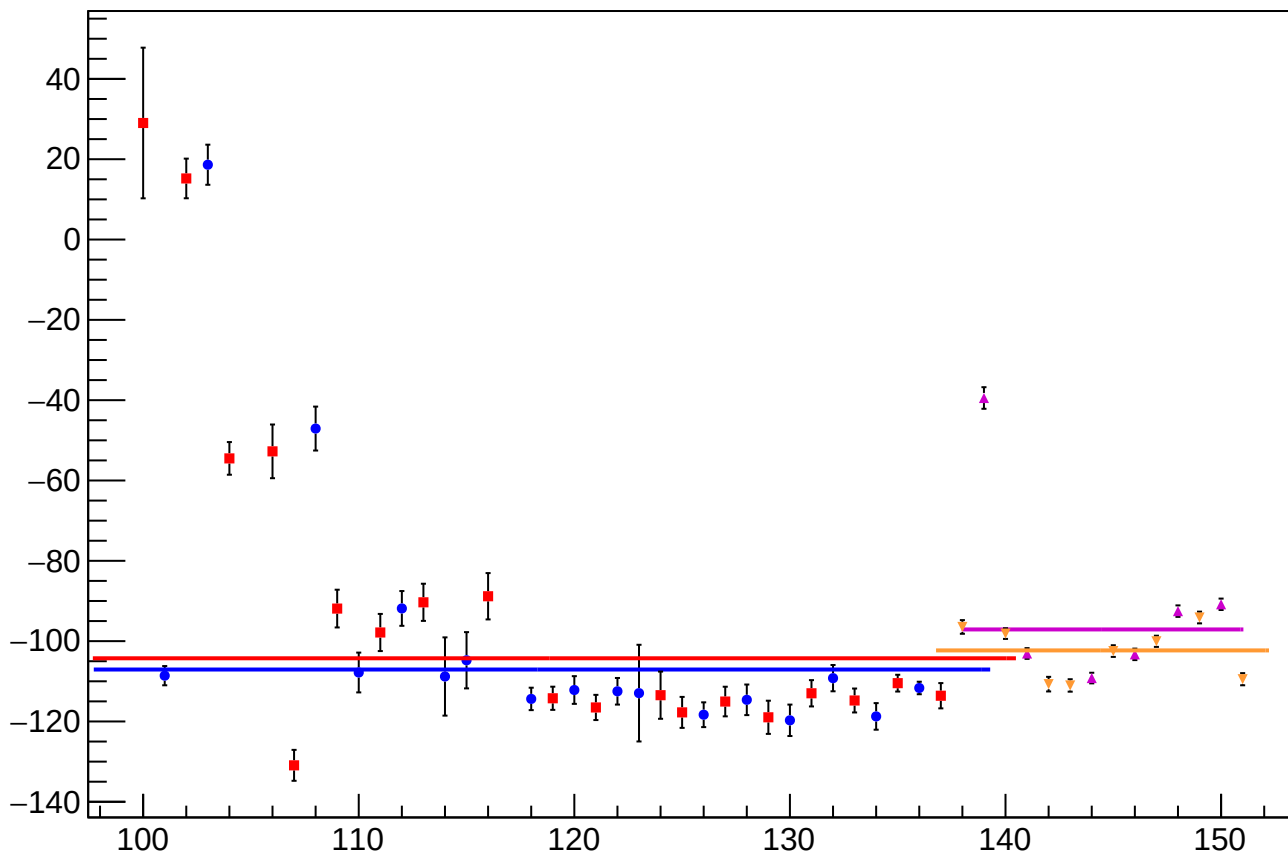
Left In: -94.925 $\pm$ 0.706 χ^2 /NDF: 81.1/5

+ sign -88.133 $\pm$ 0.570 χ^2 /NDF: 619.7/24

All: -88.030 $\pm$ 0.422 χ^2 /NDF: 1341.6/49

- sign -87.905 $\pm$ 0.629 χ^2 /NDF: 721.8/24

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF : 828.4/16

Left Out: -102.308+/-0.533 χ^2/NDF :131.3/7

Right Out: -104.269+/-0.861 χ^2/NDF : 1018.6/18

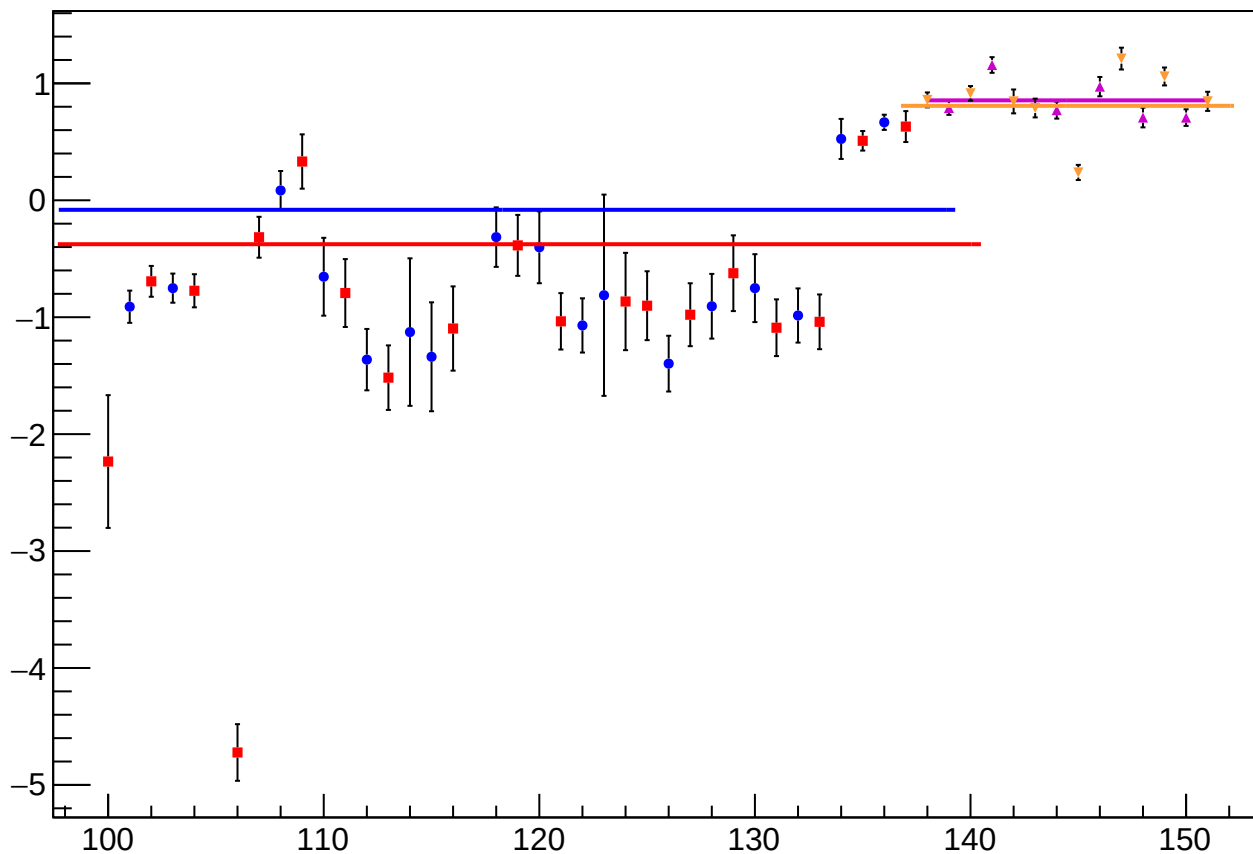
Left In: -97.087+/-0.604 χ^2/NDF :611.8/5

+ sign -103.742+/-0.445 χ^2/NDF : 983.7/24

All: -101.820+/-0.331 χ^2/NDF : 2702.4/49

- sign -99.454+/-0.494 χ^2/NDF : 1677.1/24

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.808 ± 0.026 χ^2/NDF : 110.7/7

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

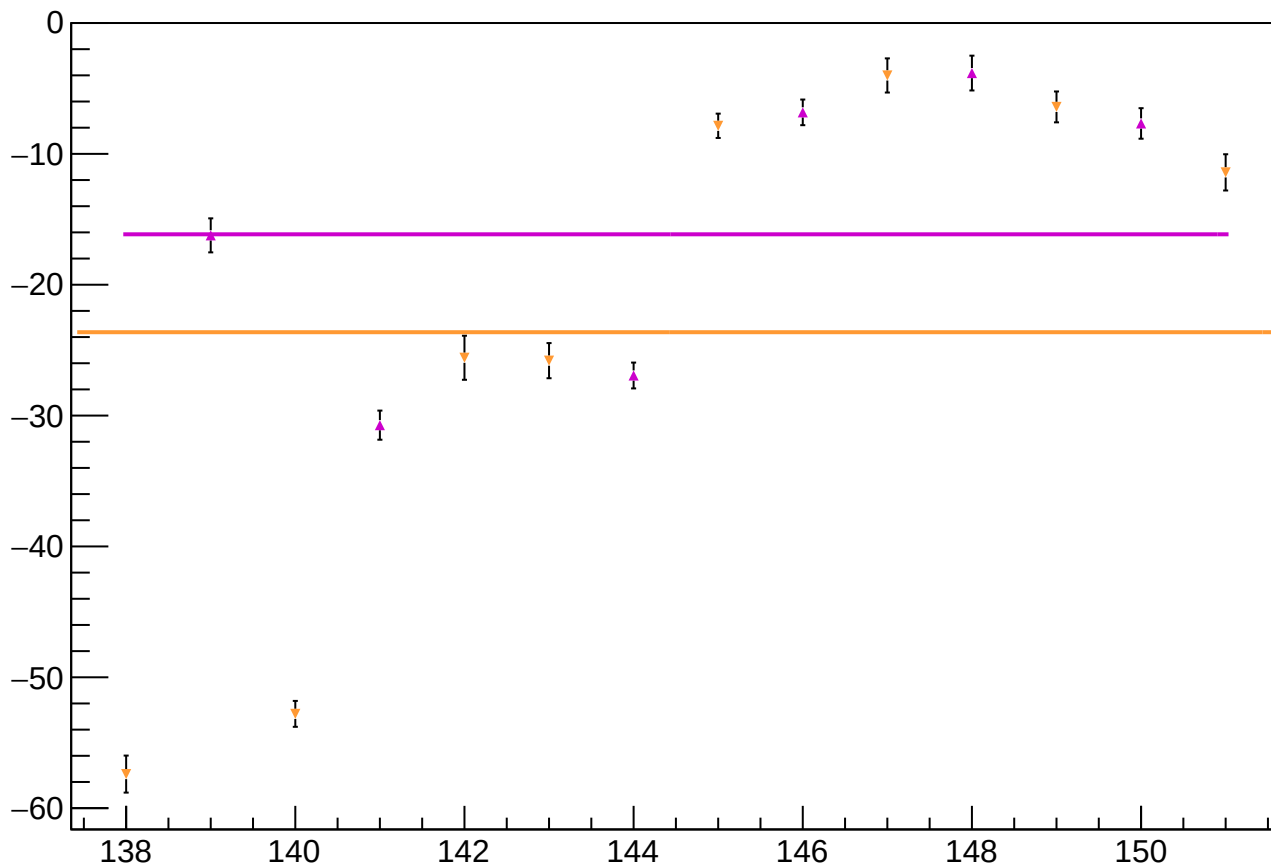
Left In: 0.855 ± 0.029 χ^2/NDF : 32.3/5

+ sign 0.556 ± 0.022 χ^2/NDF : 758.6/24

All: 0.521 ± 0.016 χ^2/NDF : 1925.9/49

- sign 0.480 ± 0.024 χ^2/NDF : 1162.0/24

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.628 ± 0.430 χ^2/NDF : 2246.1/7

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

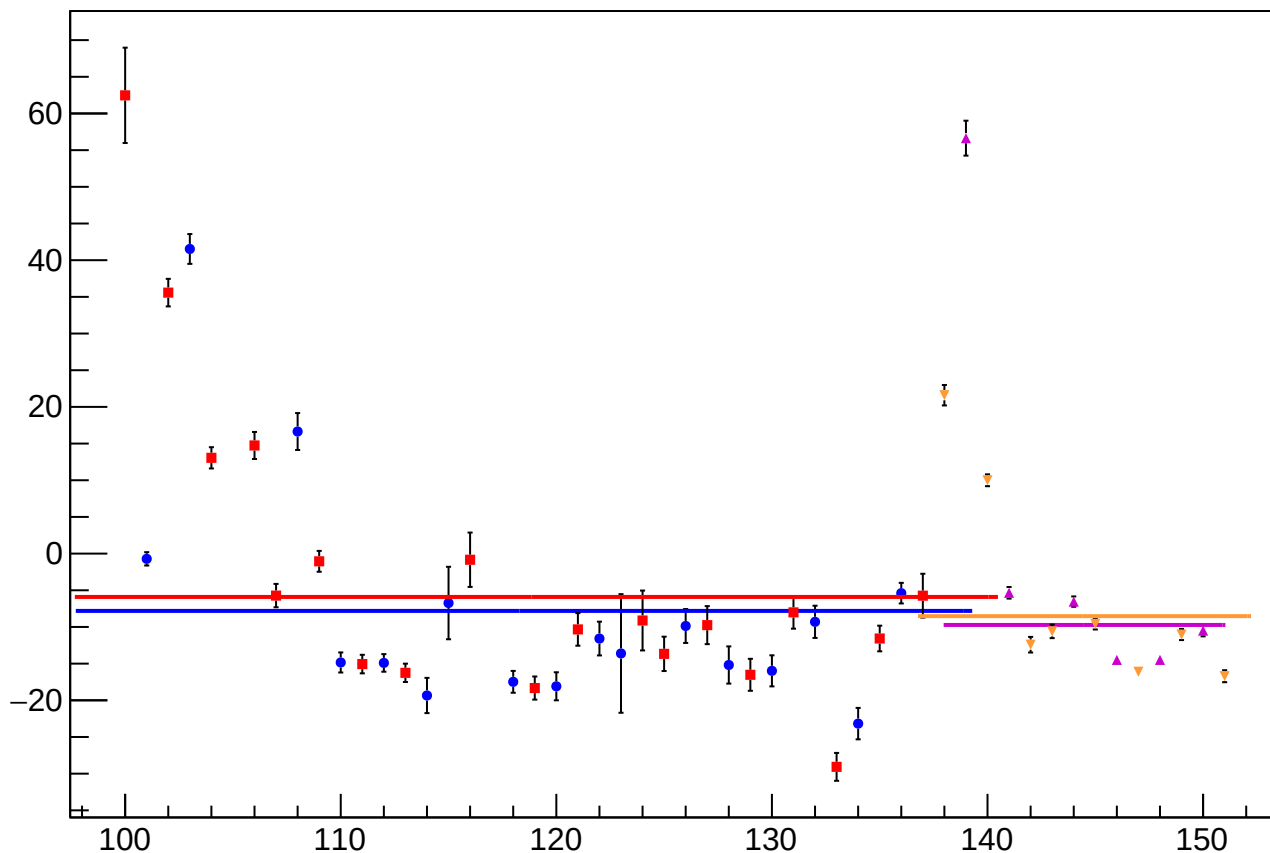
Left In: -16.147 ± 0.458 χ^2/NDF : 520.3/5

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.124 ± 0.313 χ^2/NDF : 2908.2/13

- 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: -8.525 ± 0.293 χ^2/NDF : 1271.7/7

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

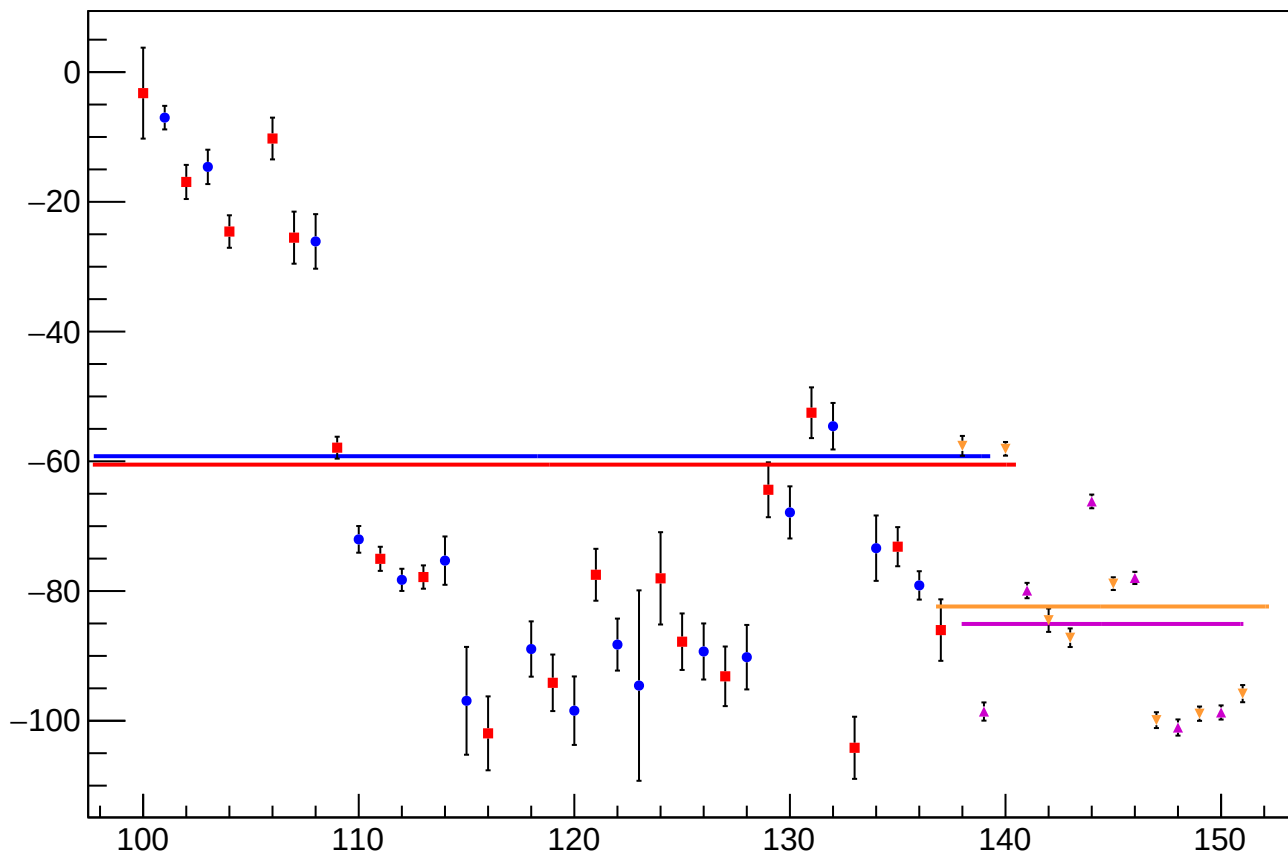
Left In: -9.727 ± 0.310 χ^2/NDF : 942.7/5

+ sign -8.297 ± 0.242 χ^2/NDF : 2256.4/24

All: -8.355 ± 0.174 χ^2/NDF : 4544.3/49

- sign -8.417 ± 0.251 χ^2/NDF : 2287.8/24

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.383 ± 0.438 χ^2/NDF : 1351.4/7

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

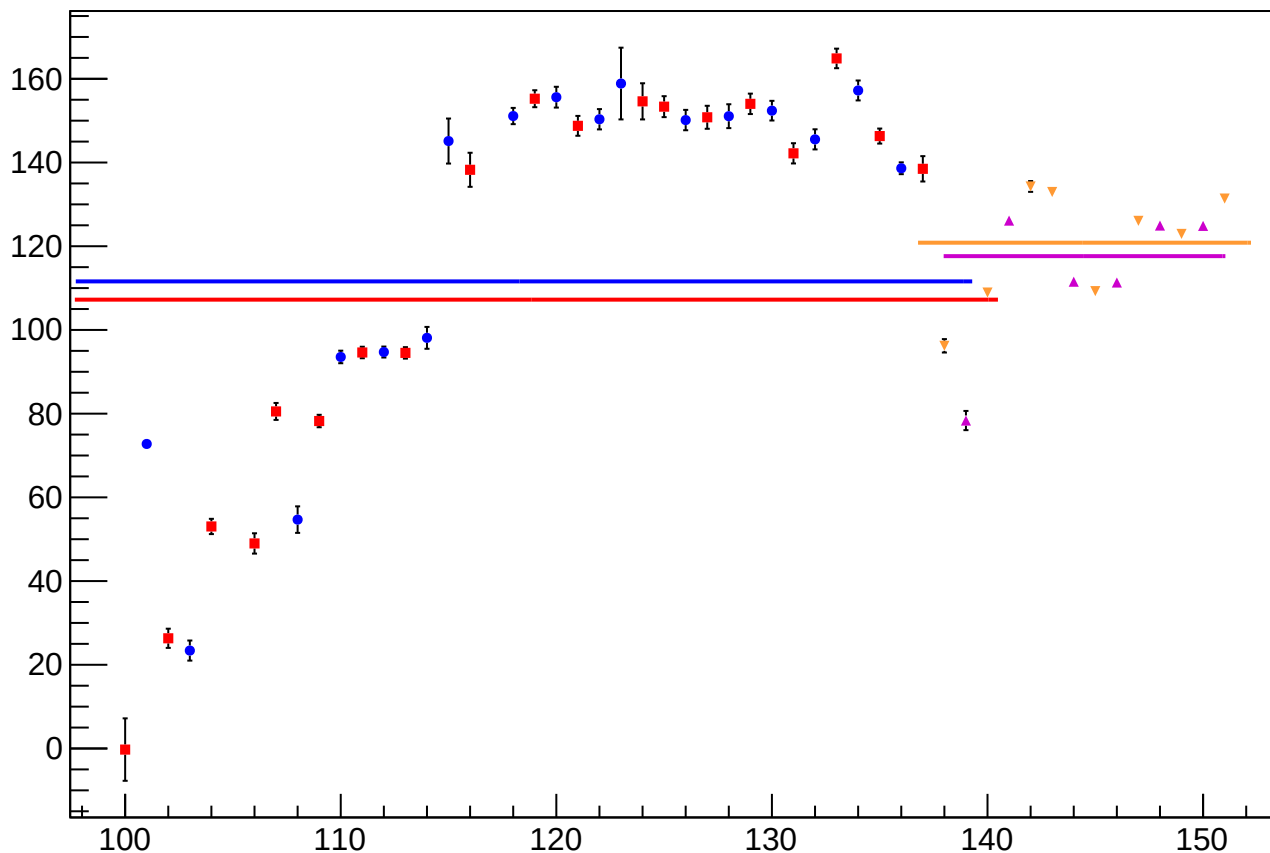
Left In: -85.074 ± 0.460 χ^2/NDF : 807.6/5

+ sign -76.421 ± 0.377 χ^2/NDF : 3792.5/24

All: -77.062 ± 0.269 χ^2/NDF : 6842.7/49

- sign -77.730 ± 0.385 χ^2/NDF : 3044.3/24

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: 120.845 $\pm$ 0.362 χ^2 /NDF: 930.8/7

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

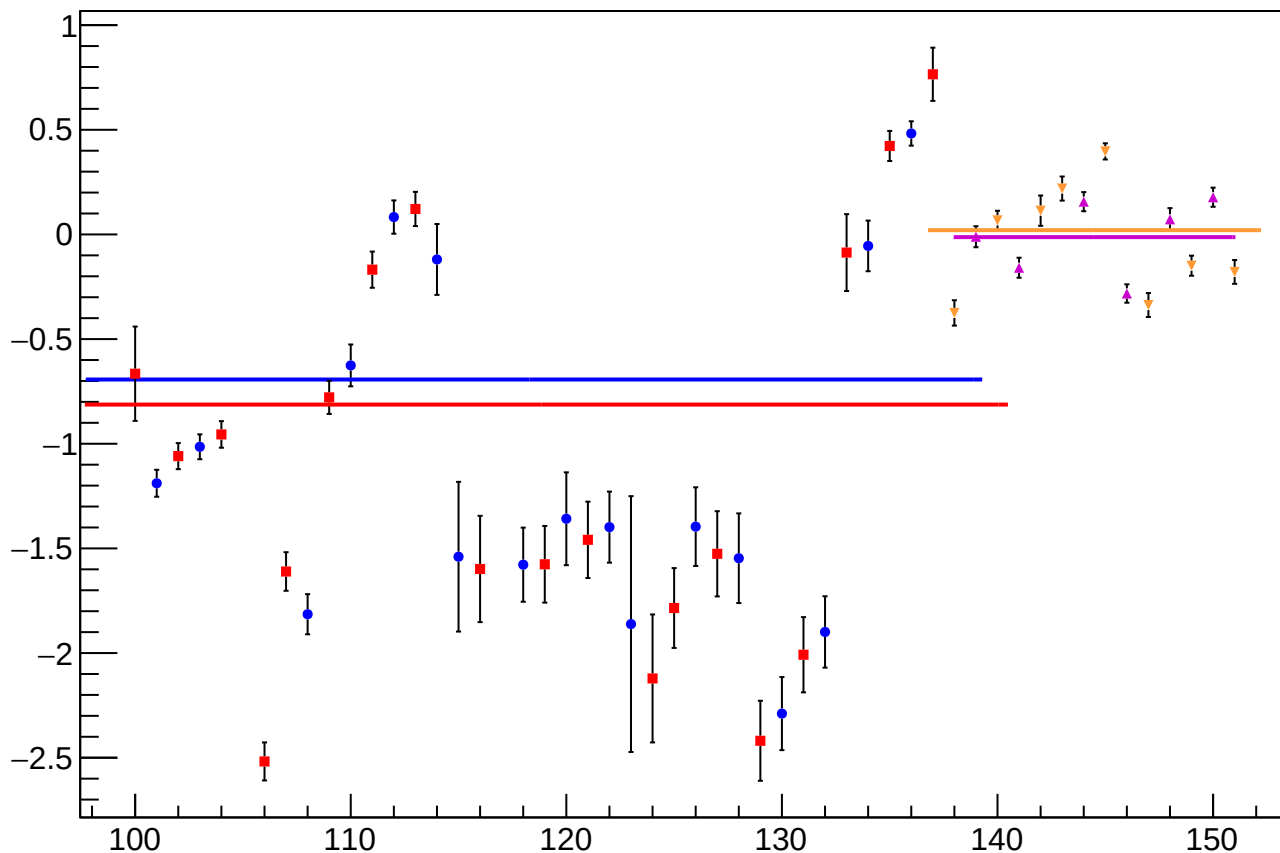
Left In: 117.632 $\pm$ 0.383 χ^2 /NDF: 620.6/5

+ sign 117.549 $\pm$ 0.291 χ^2 /NDF: 7122.7/24

All: 115.680 $\pm$ 0.209 χ^2 /NDF: 15147.7/49

- sign 113.673 $\pm$ 0.301 χ^2 /NDF: 7939.2/24

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: 0.020 ± 0.018 χ^2/NDF : 216.2/7

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

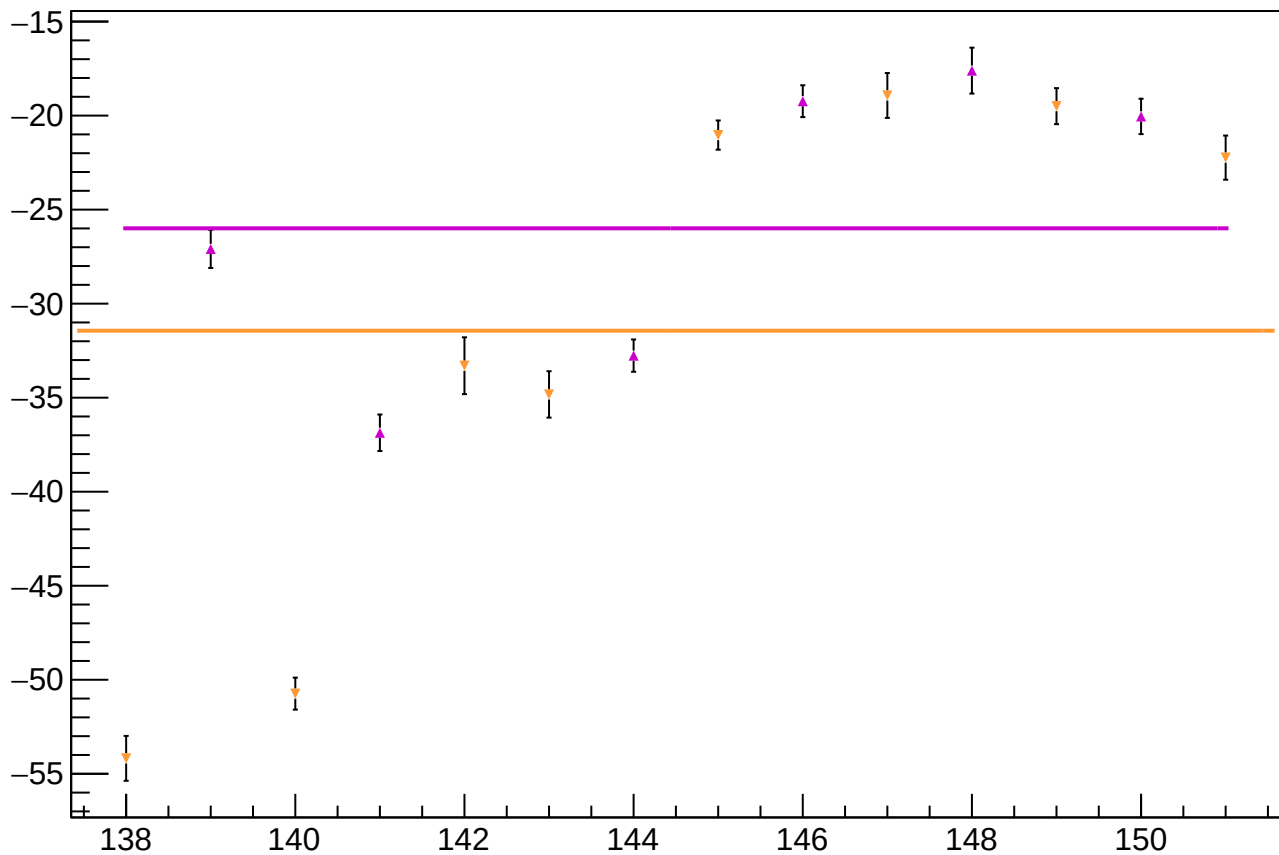
Left In: -0.013 ± 0.019 χ^2/NDF : 80.5/5

+ sign -0.220 ± 0.015 χ^2/NDF : 1717.4/24

All: -0.271 ± 0.011 χ^2/NDF : 3793.2/49

- sign -0.323 ± 0.015 χ^2/NDF : 2052.2/24

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.439+/-0.369 χ^2/NDF :1393.8/7

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

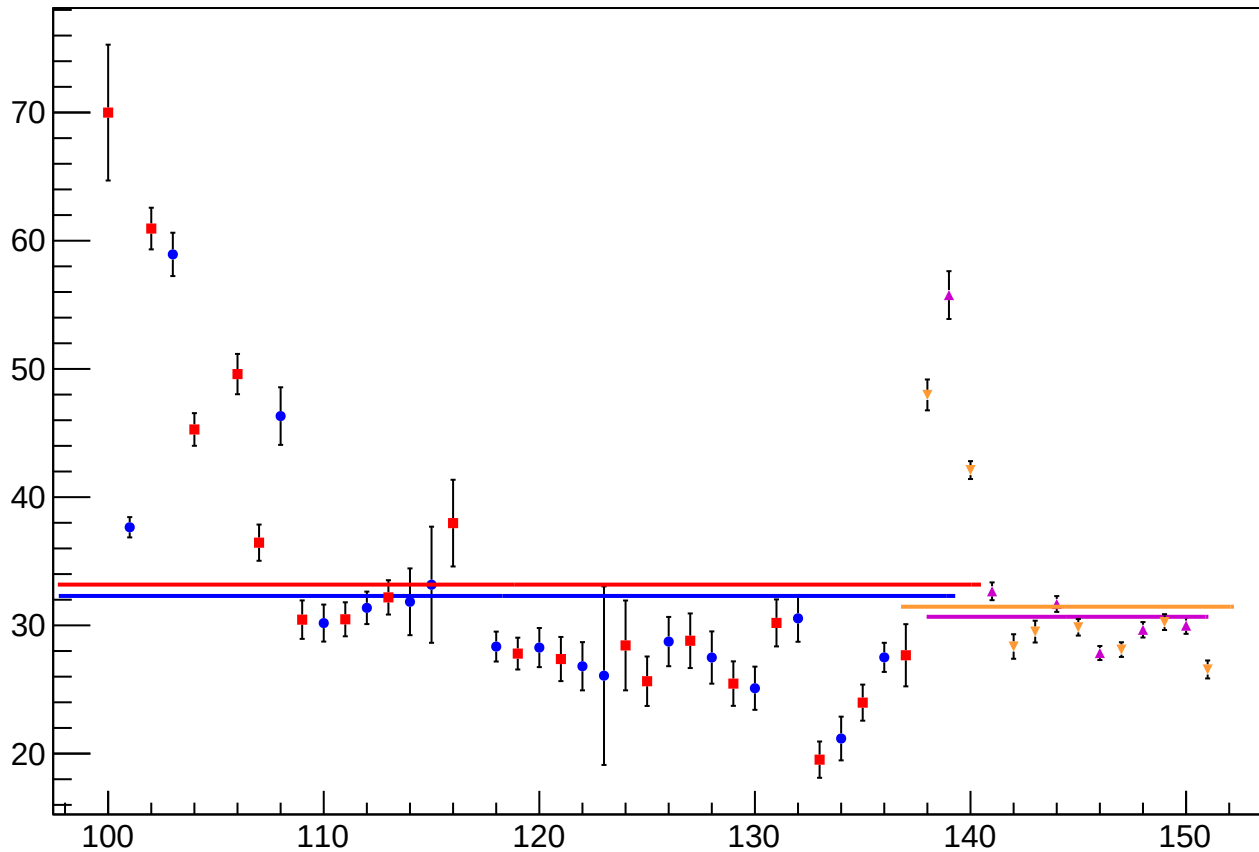
Left In: -25.994+/-0.390 χ^2/NDF :339.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.867+/-0.268 χ^2/NDF : 1836.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 ± 0.373 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 31.455 ± 0.255 $\chi^2/\text{NDF}: 530.3/7$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

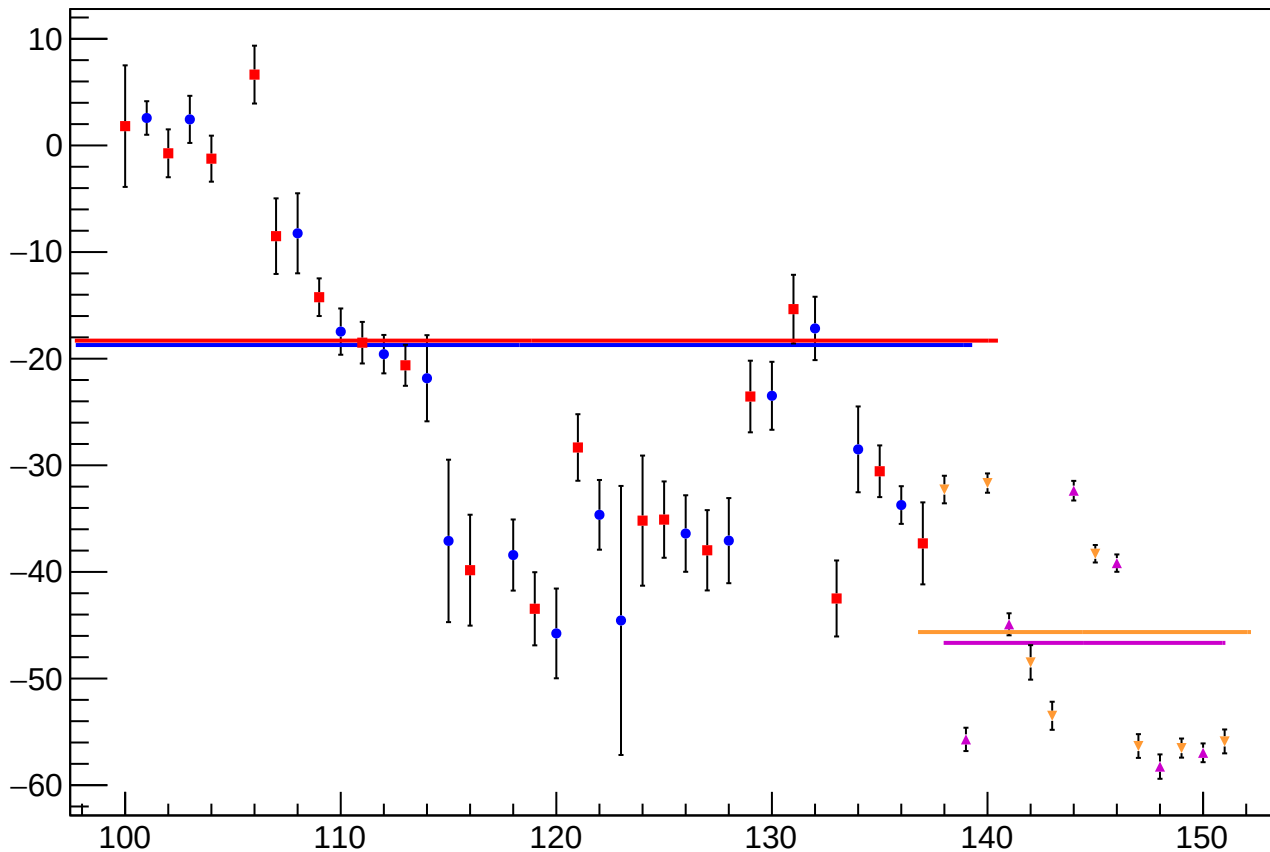
Left In: 30.670 ± 0.271 $\chi^2/\text{NDF}: 222.6/5$

+ sign 31.723 ± 0.211 $\chi^2/\text{NDF}: 986.0/24$

All: 31.626 ± 0.152 $\chi^2/\text{NDF}: 2008.4/49$

- sign 31.520 ± 0.221 $\chi^2/\text{NDF}: 1021.9/24$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -45.640 ± 0.375 χ^2/NDF : 787.2/7

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

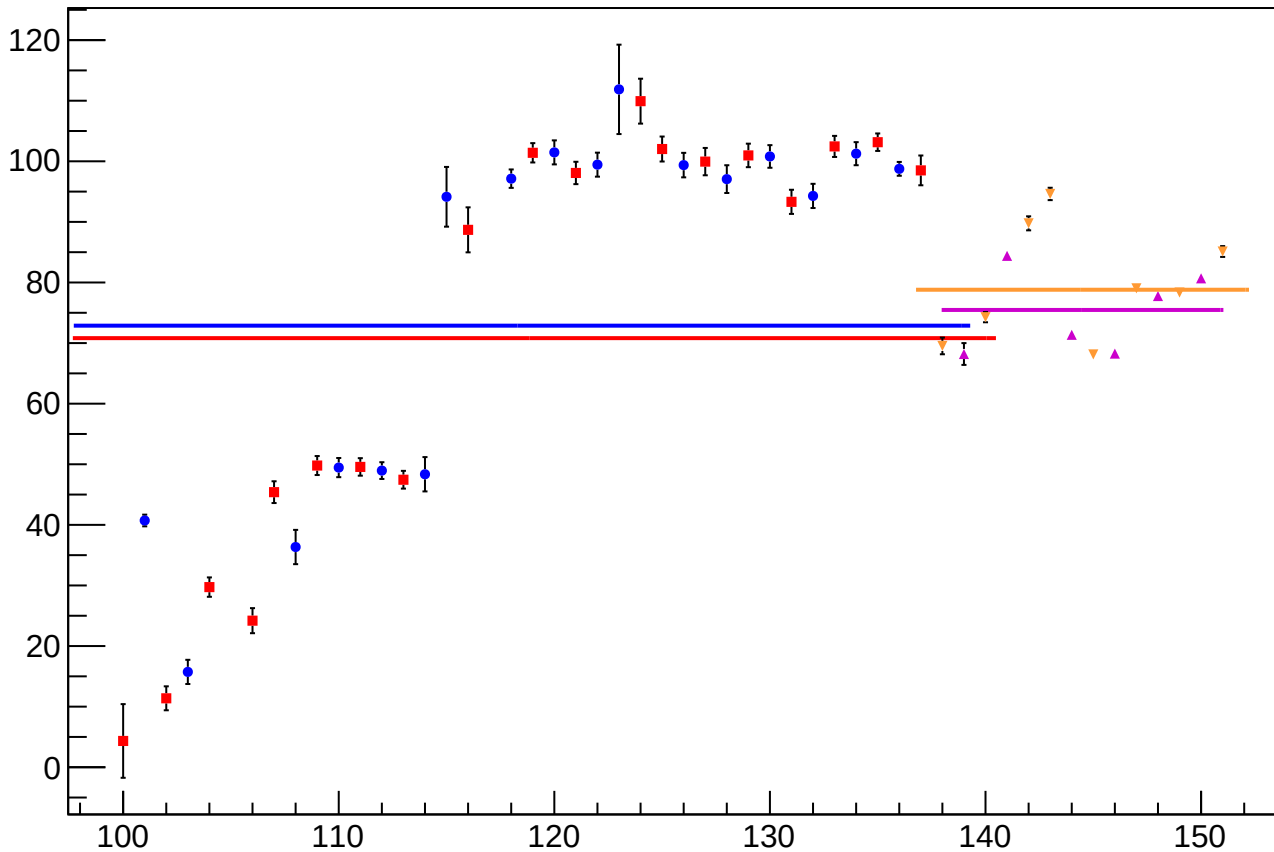
Left In: -46.655 ± 0.392 χ^2/NDF : 636.1/5

+ sign -39.152 ± 0.327 χ^2/NDF : 2549.0/24

All: -39.073 ± 0.234 χ^2/NDF : 5073.8/49

- sign -38.990 ± 0.335 χ^2/NDF : 2524.7/24

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

Left Out: 78.804 $\pm$ 0.314 χ^2 /NDF: 662.6/7

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

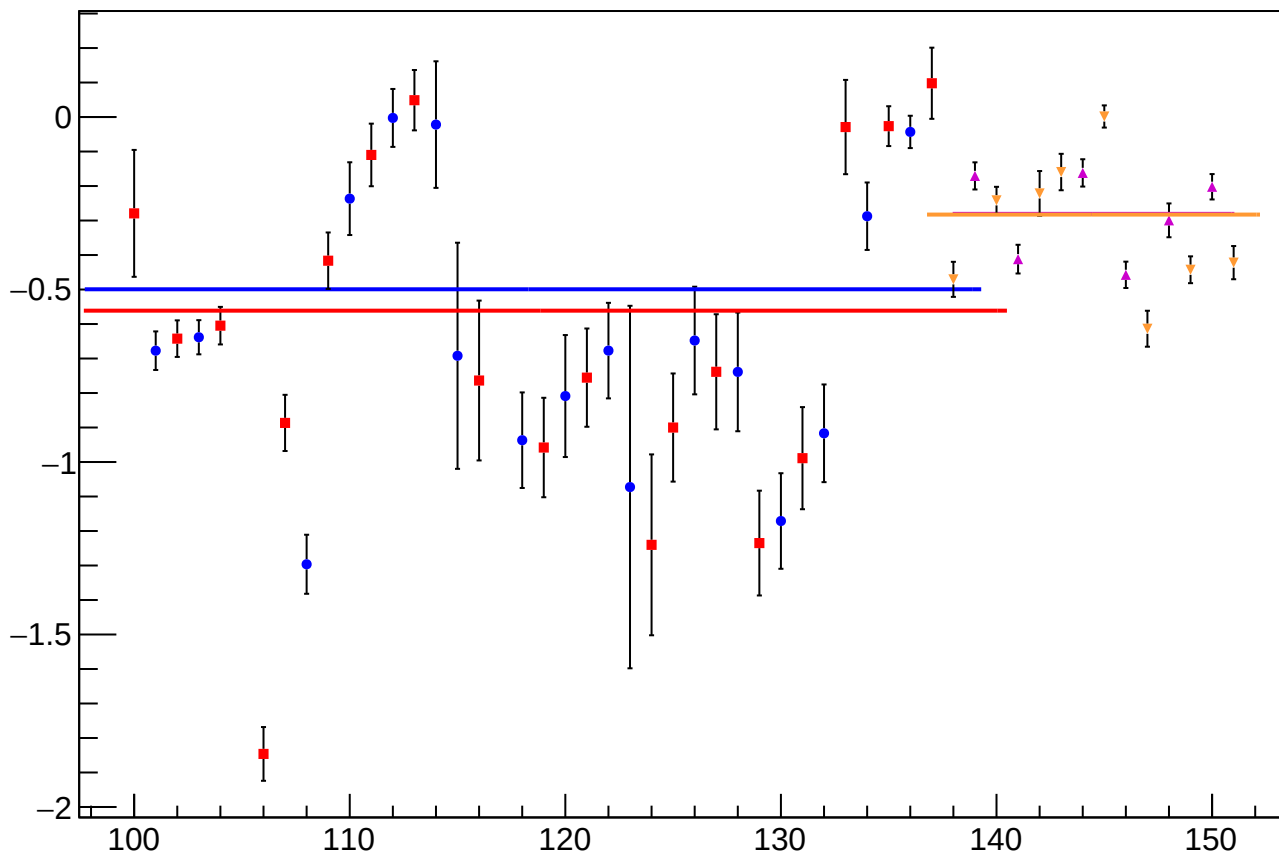
Left In: 75.468 $\pm$ 0.331 χ^2 /NDF: 334.3/5

+ sign 76.719 $\pm$ 0.253 χ^2 /NDF: 5526.2/24

All: 75.296 $\pm$ 0.182 χ^2 /NDF: 11488.8/49

- sign 73.750 $\pm$ 0.263 χ^2 /NDF: 5896.4/24

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.283 ± 0.016 χ^2/NDF : 164.8/7

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

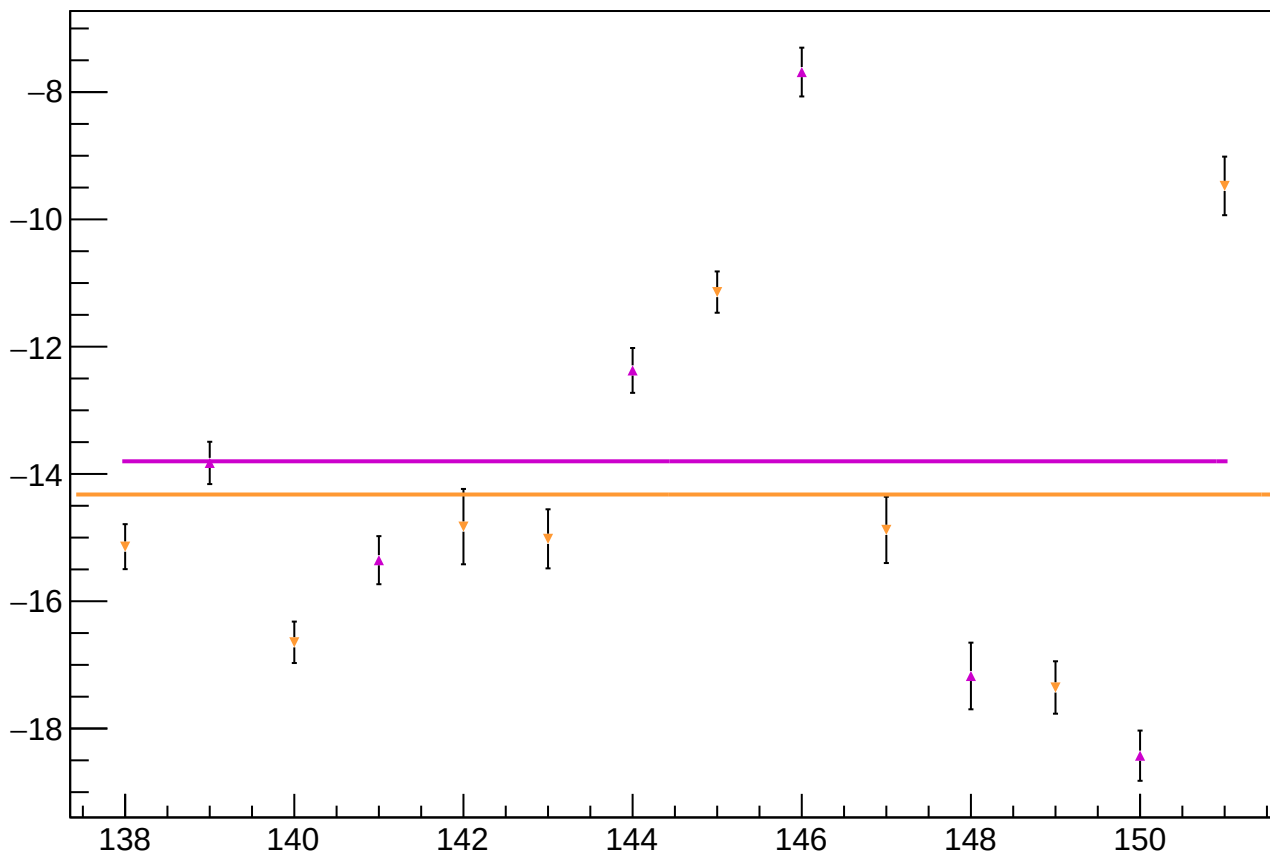
Left In: -0.281 ± 0.016 χ^2/NDF : 52.9/5

+ sign -0.354 ± 0.013 χ^2/NDF : 531.4/24

All: -0.369 ± 0.009 χ^2/NDF : 1257.5/49

- sign -0.385 ± 0.013 χ^2/NDF : 723.4/24

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: -14.323+/-0.143 χ^2/NDF : 321.7/7

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

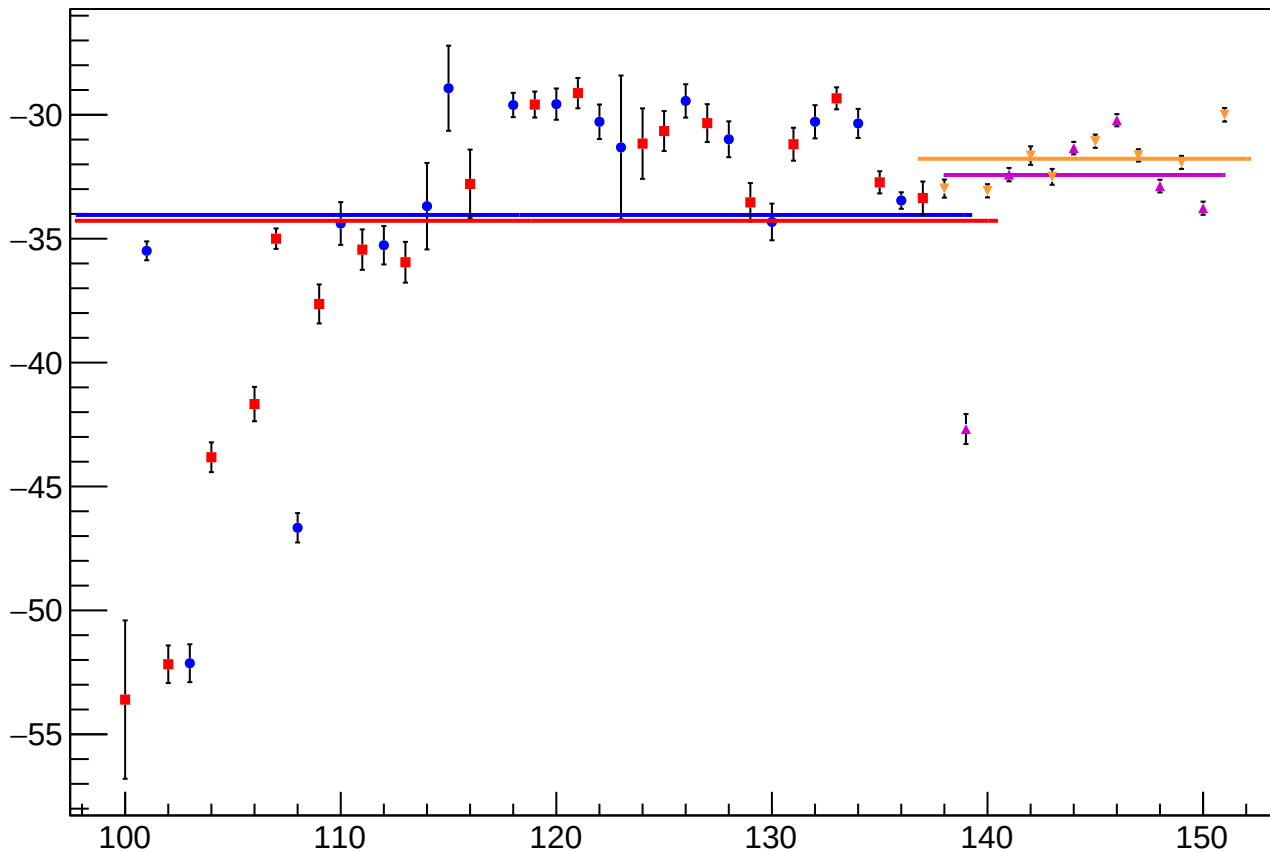
Left In: -13.801+/-0.156 χ^2/NDF : 466.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.085+/-0.106 χ^2/NDF : 794.6/13

- 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: -31.774 ± 0.102 χ^2/NDF : 88.9/7

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

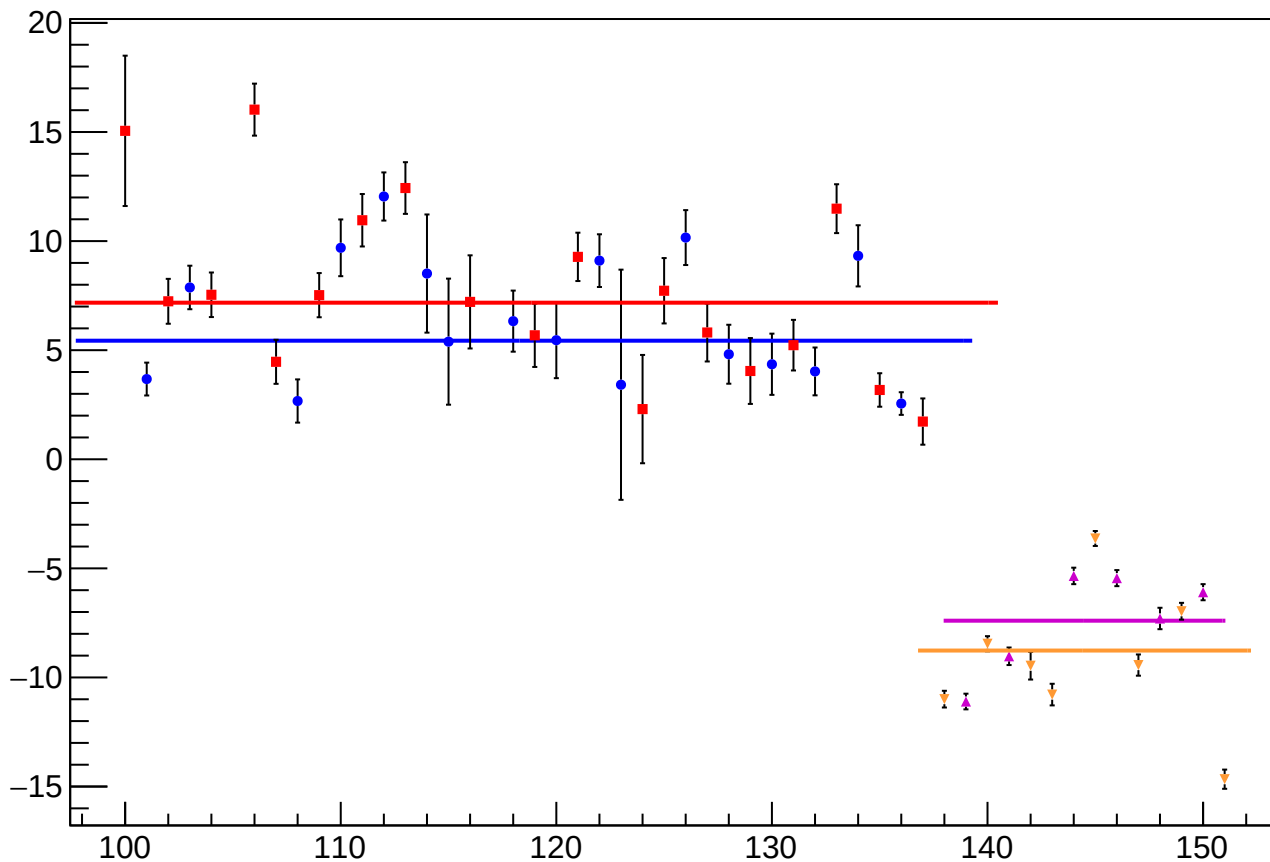
Left In: -32.429 ± 0.114 χ^2/NDF : 413.6/5

+ sign -32.488 ± 0.085 χ^2/NDF : 1584.8/24

All: -32.772 ± 0.062 χ^2/NDF : 3467.8/49

- sign -33.098 ± 0.091 χ^2/NDF : 1858.8/24

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 $\pm$ 0.270 χ^2 /NDF: 132.0/16

Left Out: -8.767 $\pm$ 0.147 χ^2 /NDF: 479.8/7

Right Out: 7.177 $\pm$ 0.274 χ^2 /NDF: 182.6/18

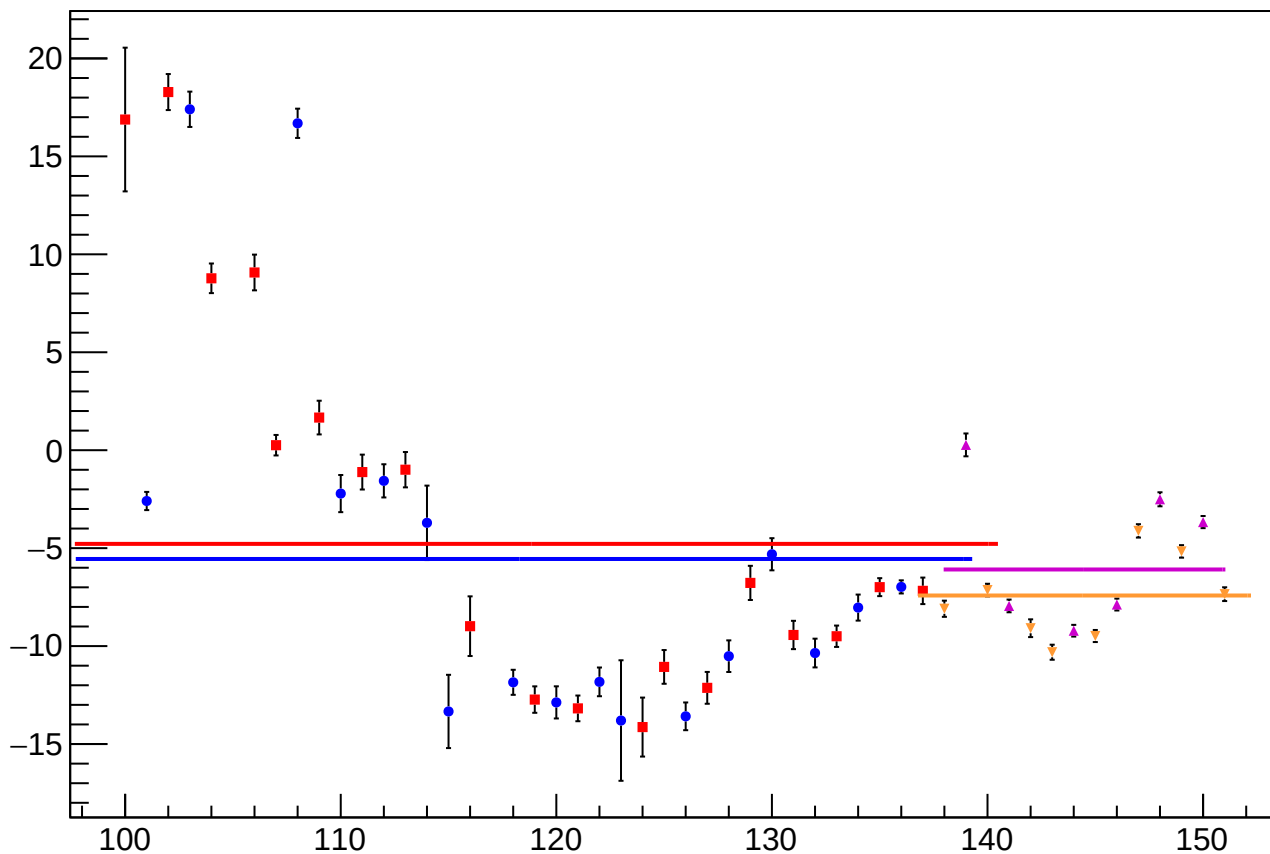
Left In: -7.399 $\pm$ 0.158 χ^2 /NDF: 193.0/5

+ sign -5.514 $\pm$ 0.129 χ^2 /NDF: 2751.5/24

All: -4.685 $\pm$ 0.094 χ^2 /NDF: 5333.5/49

- sign -3.749 $\pm$ 0.137 χ^2 /NDF: 2494.3/24

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553 ± 0.170 $\chi^2/\text{NDF}: 2125.3/16$

Left Out: -7.417 ± 0.125 $\chi^2/\text{NDF}: 261.3/7$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

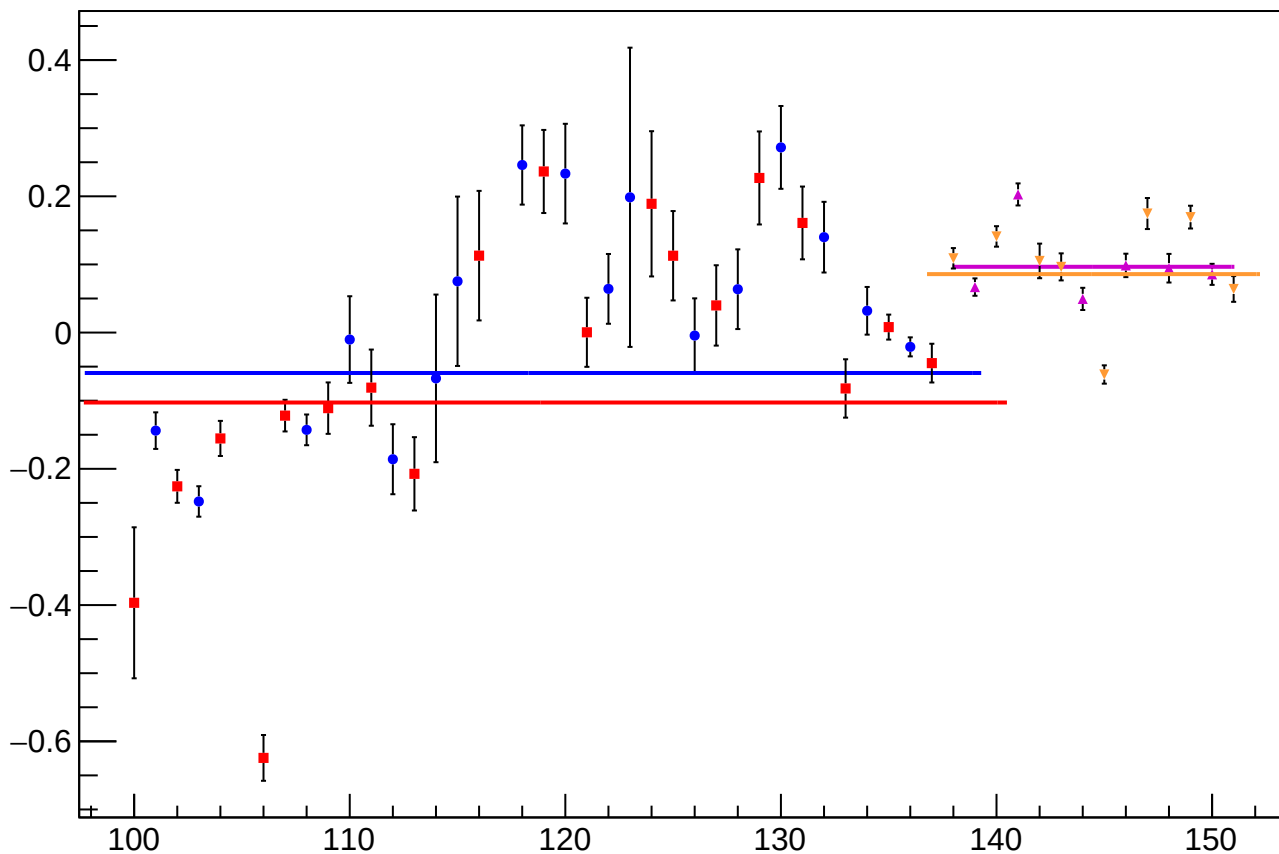
Left In: -6.089 ± 0.138 $\chi^2/\text{NDF}: 456.8/5$

+ sign -6.763 ± 0.101 $\chi^2/\text{NDF}: 2464.7/24$

All: -6.212 ± 0.074 $\chi^2/\text{NDF}: 5061.1/49$

- sign -5.581 ± 0.108 $\chi^2/\text{NDF}: 2532.1/24$

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: 0.086 ± 0.006 χ^2/NDF : 178.5/7

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

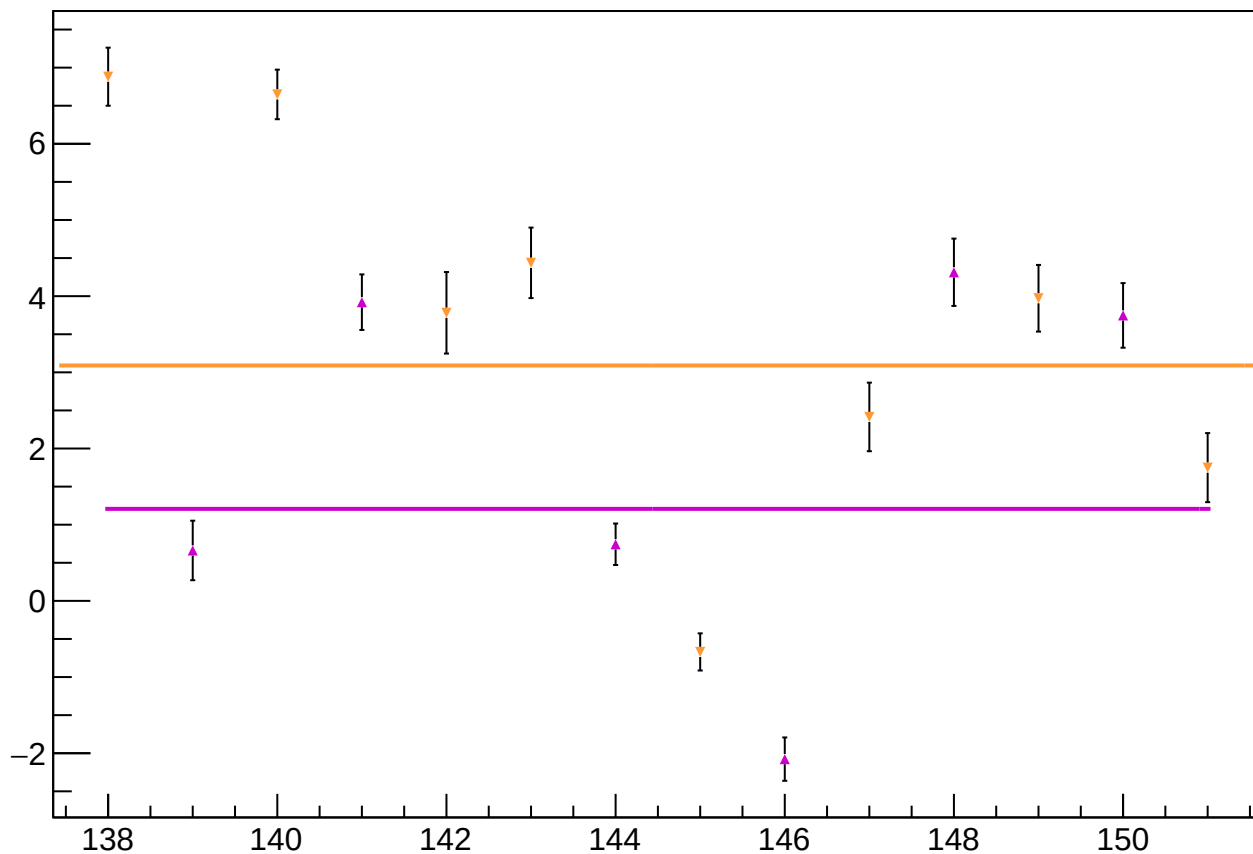
Left In: 0.097 ± 0.007 χ^2/NDF : 57.4/5

+ sign 0.036 ± 0.005 χ^2/NDF : 591.6/24

All: 0.029 ± 0.004 χ^2/NDF : 1438.4/49

- sign 0.022 ± 0.005 χ^2/NDF : 843.2/24

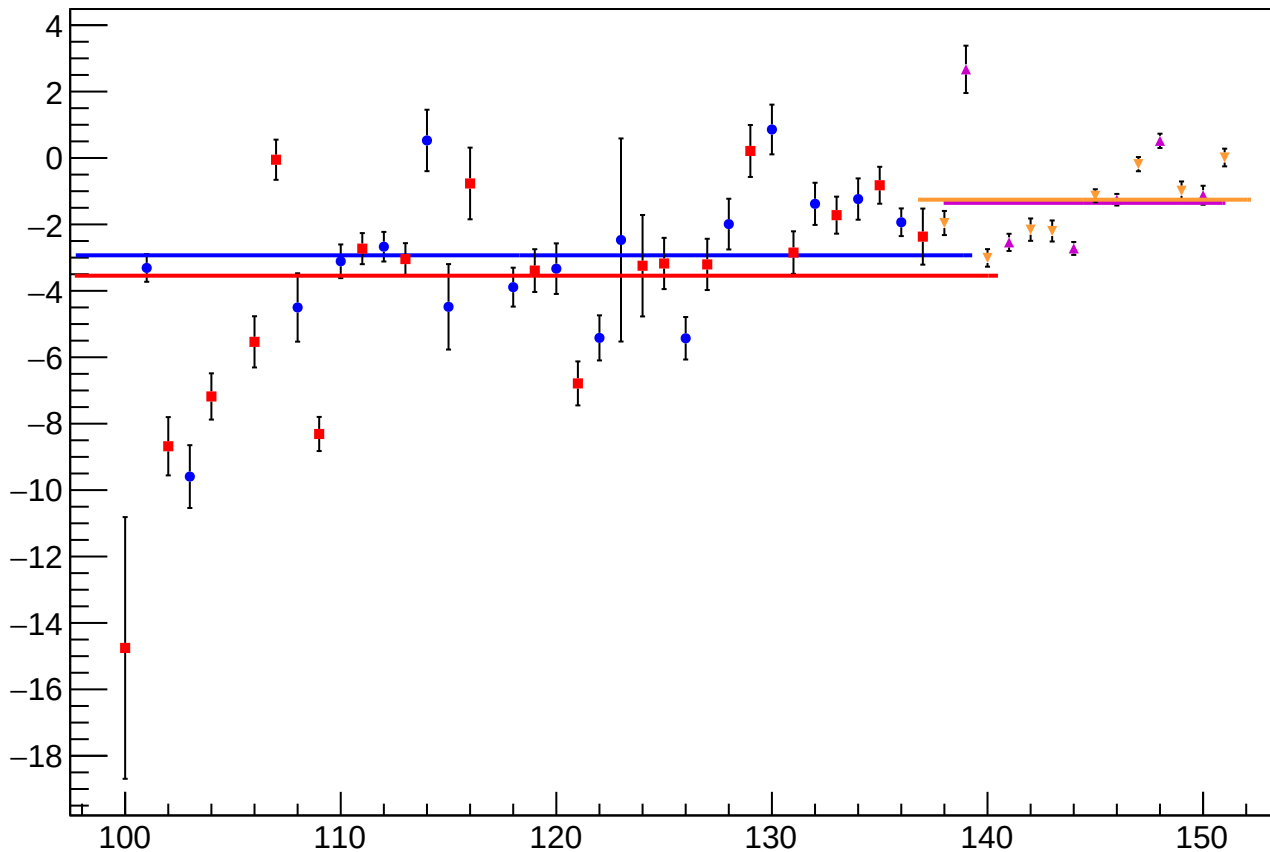
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.090 $\pm$ 0.133 χ^2 /NDF:481.6/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.208 $\pm$ 0.141 χ^2 /NDF:278.9/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.199 $\pm$ 0.097 χ^2 /NDF: 854.9/13
 - 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: -1.255 ± 0.093 χ^2/NDF : 112.9/7

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

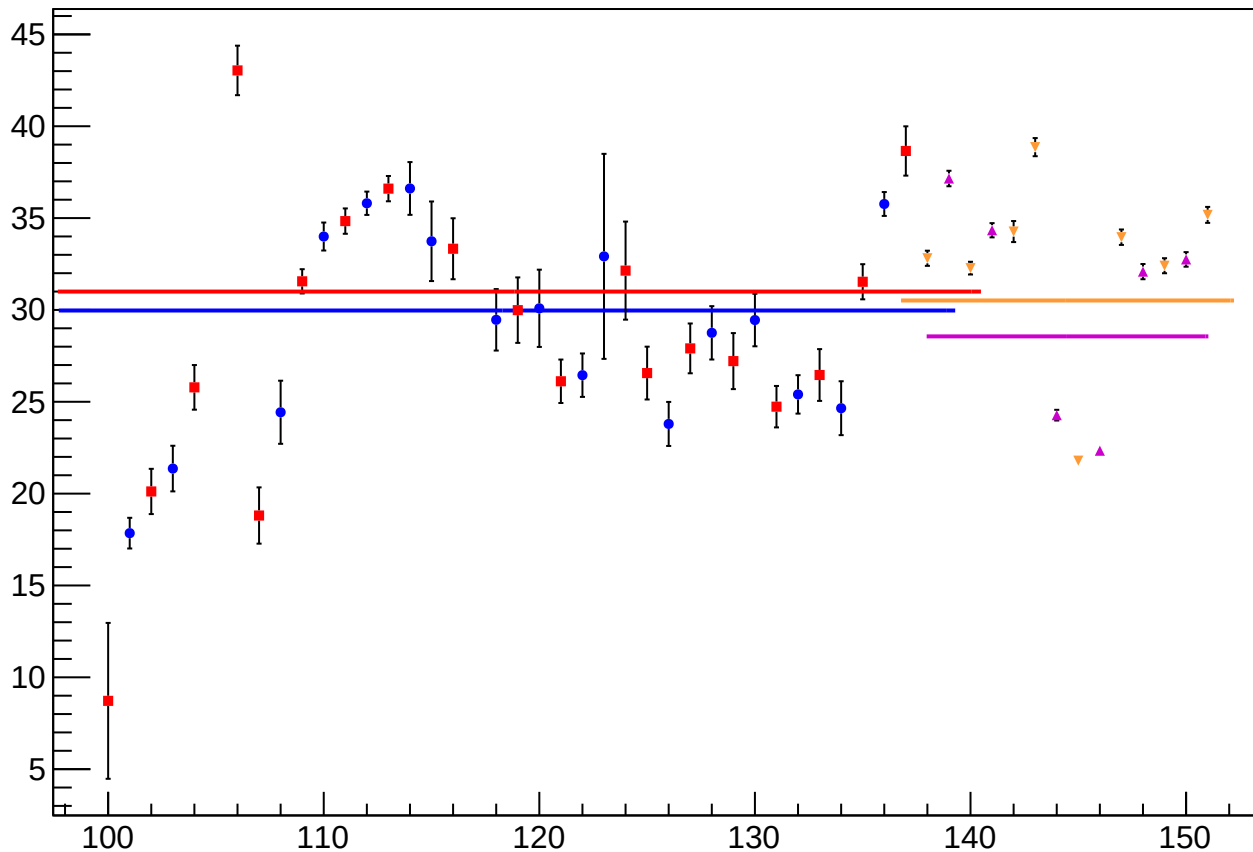
Left In: -1.351 ± 0.095 χ^2/NDF : 178.9/5

+ sign -1.704 ± 0.080 χ^2/NDF : 346.2/24

All: -1.827 ± 0.057 χ^2/NDF : 967.4/49

- sign -1.955 ± 0.081 χ^2/NDF : 616.4/24

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: 30.515 ± 0.137 $\chi^2/\text{NDF}: 1716.6/7$

Right Out: 31.000 ± 0.260 $\chi^2/\text{NDF}: 479.5/18$

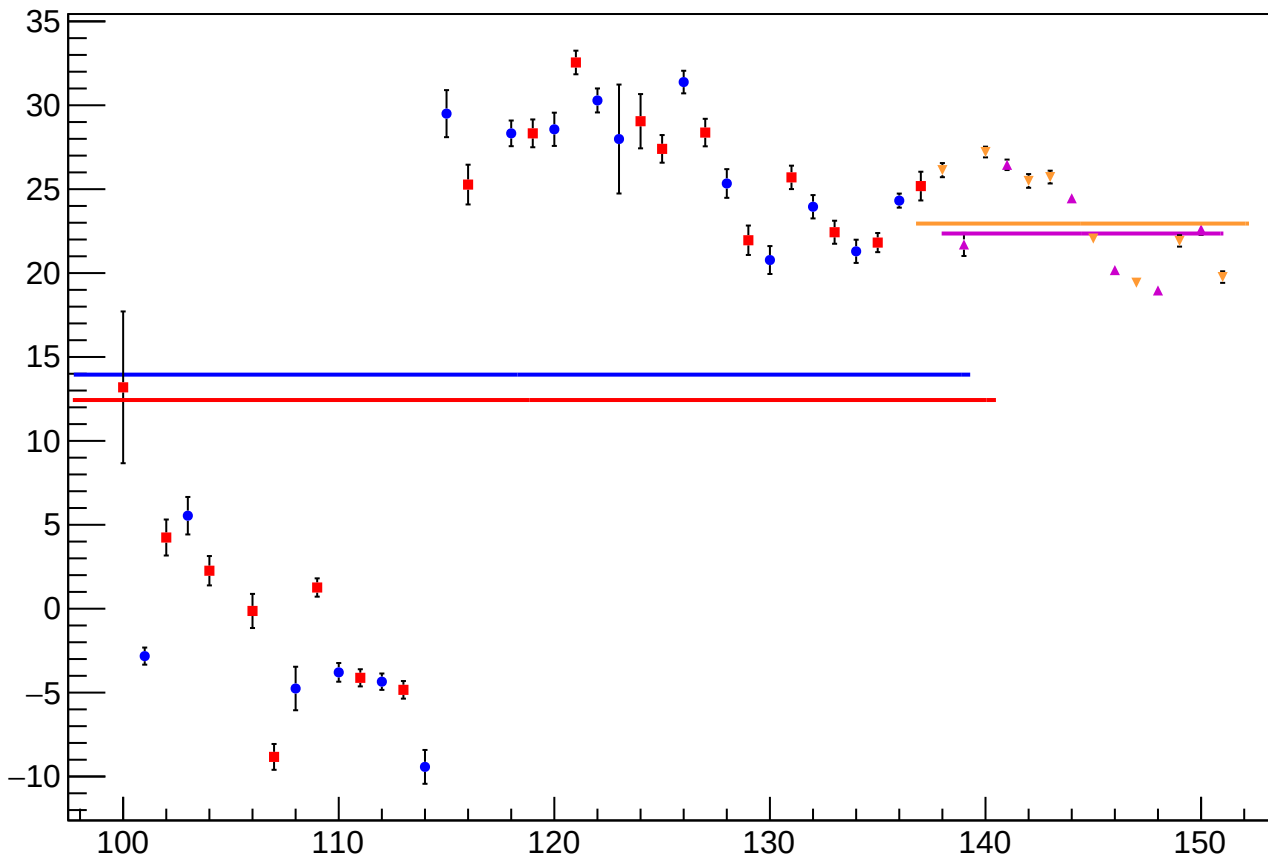
Left In: 28.560 ± 0.142 $\chi^2/\text{NDF}: 1556.4/5$

+ sign 30.400 ± 0.122 $\chi^2/\text{NDF}: 2274.2/24$

All: 29.774 ± 0.087 $\chi^2/\text{NDF}: 4431.8/49$

- sign 29.120 ± 0.125 $\chi^2/\text{NDF}: 2103.8/24$

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: 22.950 $\pm$ 0.114 χ^2 /NDF: 580.1/7

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

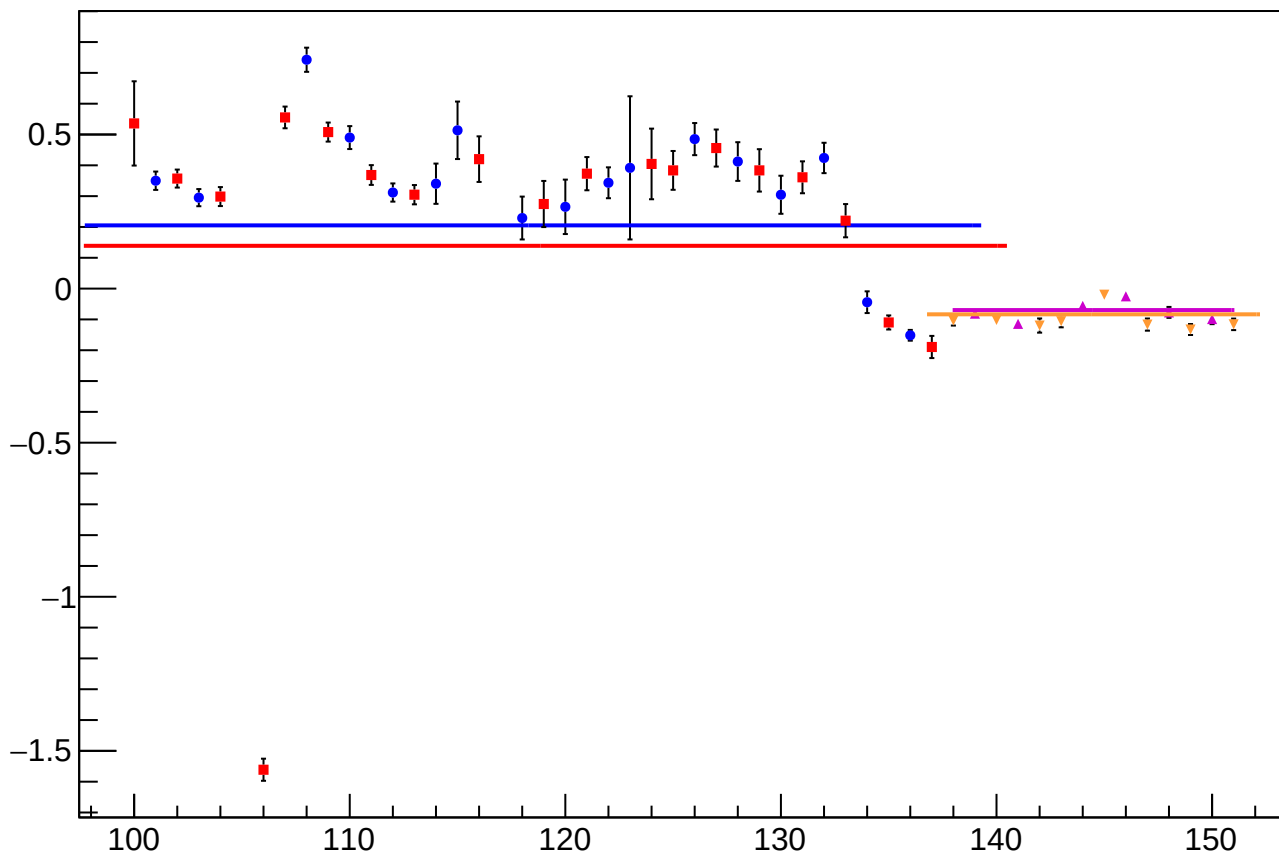
Left In: 22.357 $\pm$ 0.118 χ^2 /NDF: 482.0/5

+ sign 20.189 $\pm$ 0.095 χ^2 /NDF: 9871.8/24

All: 19.721 $\pm$ 0.068 χ^2 /NDF: 19601.6/49

- sign 19.230 $\pm$ 0.098 χ^2 /NDF: 9680.3/24

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.083 ± 0.006 χ^2/NDF : 59.4/7

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

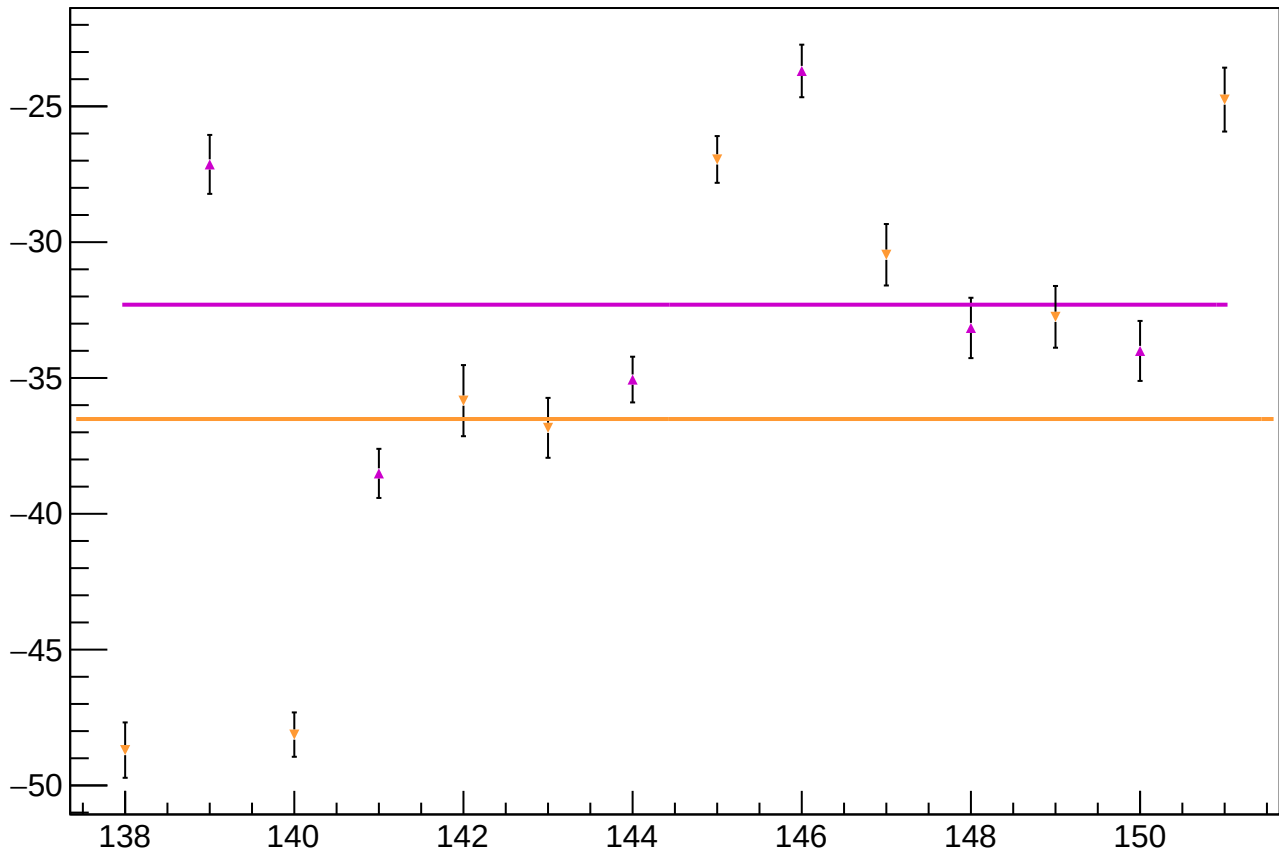
Left In: -0.070 ± 0.006 χ^2/NDF : 25.5/5

+ sign -0.005 ± 0.005 χ^2/NDF : 1599.0/24

All: -0.006 ± 0.003 χ^2/NDF : 5002.5/49

- sign -0.008 ± 0.005 χ^2/NDF : 3403.3/24

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -36.510+/-0.365 χ^2/NDF : 608.5/7

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

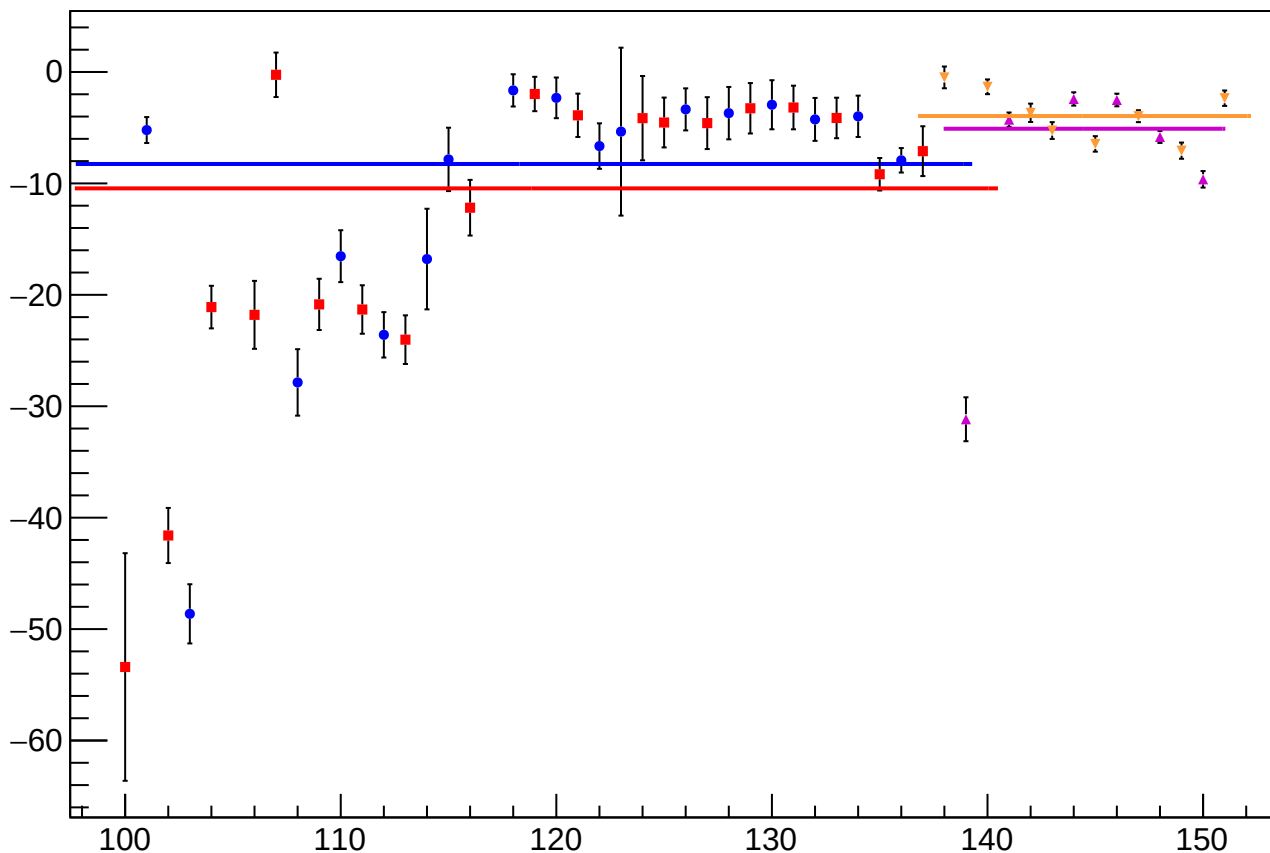
Left In: -32.302+/-0.402 χ^2/NDF : 162.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.608+/-0.270 χ^2/NDF : 831.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.953 ± 0.249 χ^2/NDF : 68.0/7

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

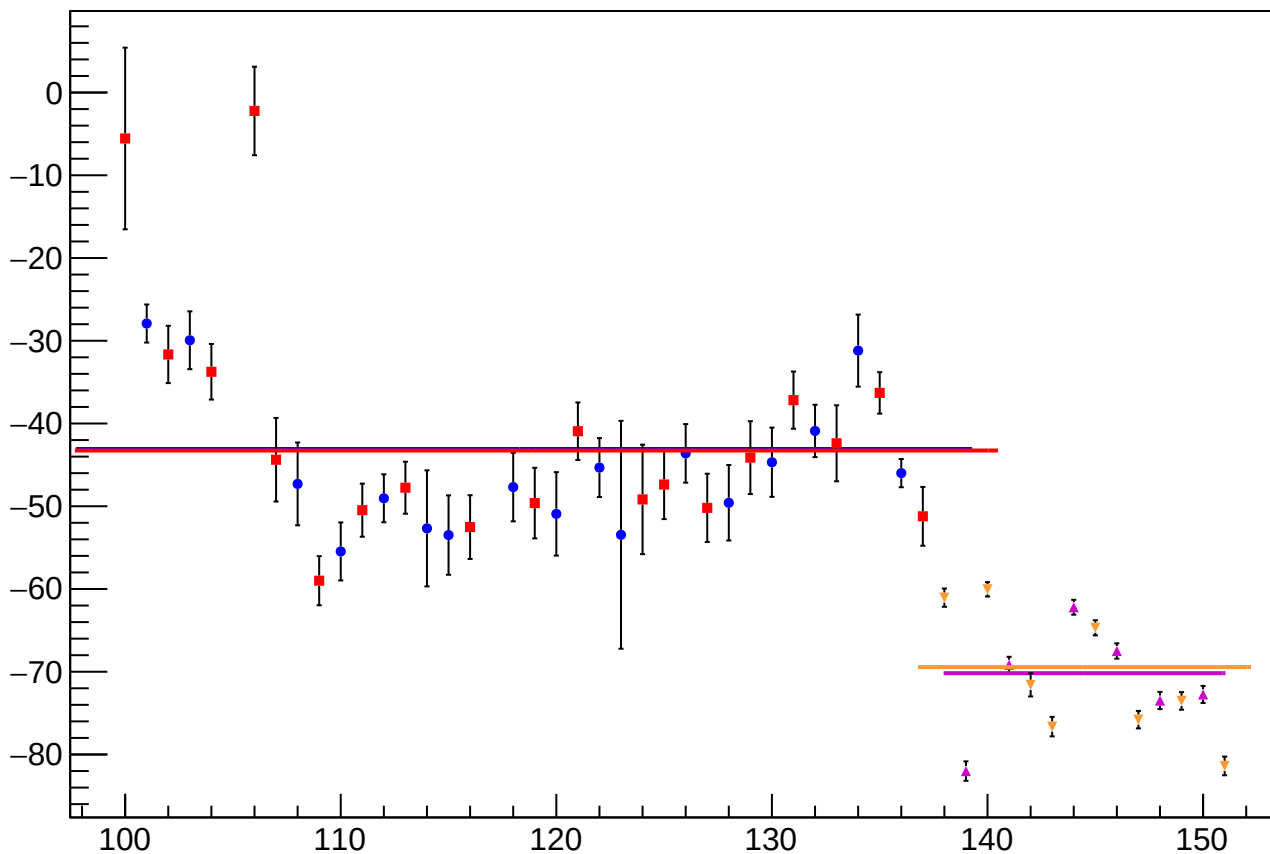
Left In: -5.093 ± 0.269 χ^2/NDF : 256.5/5

+ sign -4.923 ± 0.219 χ^2/NDF : 547.3/24

All: -5.574 ± 0.161 χ^2/NDF : 1342.6/49

- sign -6.328 ± 0.236 χ^2/NDF : 776.3/24

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 χ^2/NDF : 99.2/16

Left Out: -69.438 ± 0.374 χ^2/NDF : 404.5/7

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

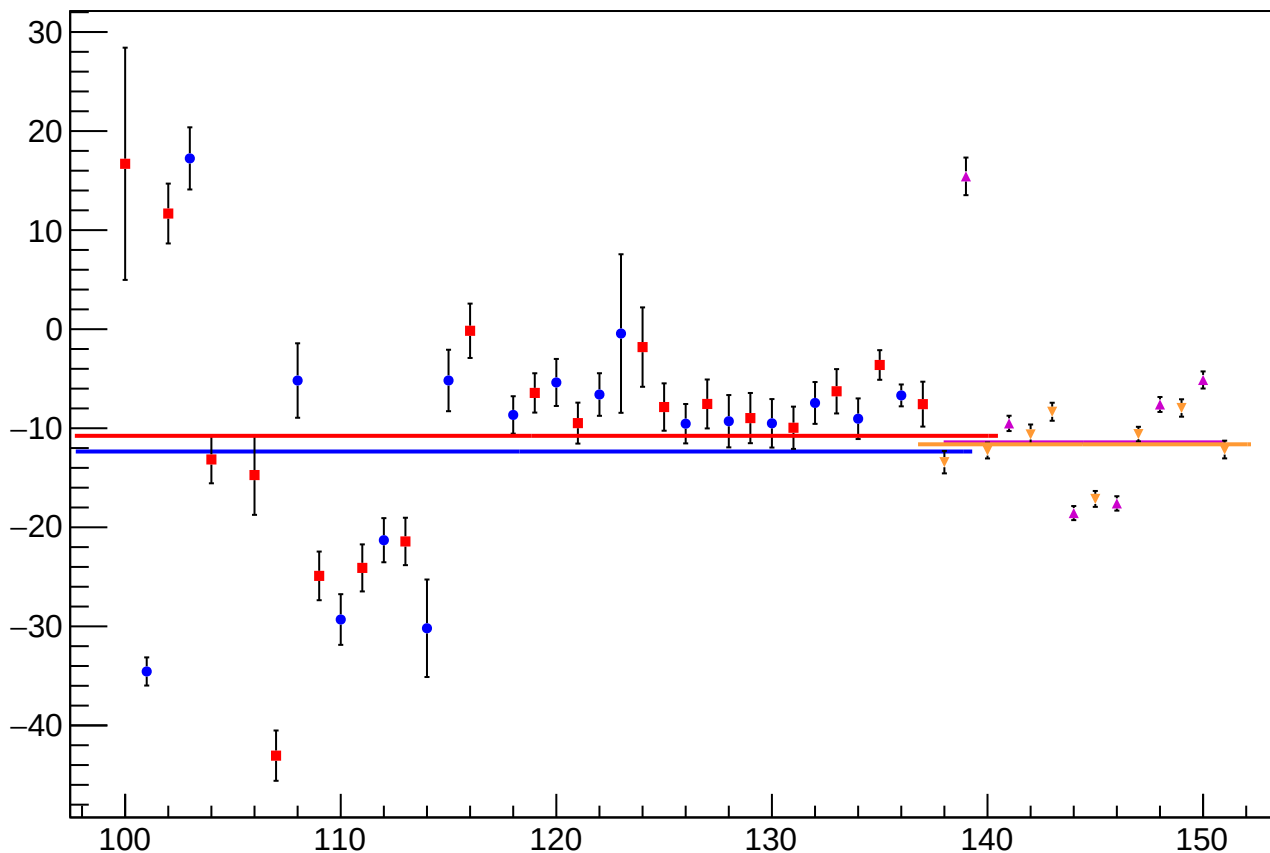
Left In: -70.174 ± 0.406 χ^2/NDF : 205.7/5

+ sign -65.022 ± 0.341 χ^2/NDF : 1334.5/24

All: -65.164 ± 0.250 χ^2/NDF : 2485.9/49

- sign -65.330 ± 0.368 χ^2/NDF : 1151.0/24

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 $\chi^2/\text{NDF}: 475.9/16$

Left Out: -11.621 ± 0.309 $\chi^2/\text{NDF}: 84.1/7$

Right Out: -10.765 ± 0.554 $\chi^2/\text{NDF}: 366.6/18$

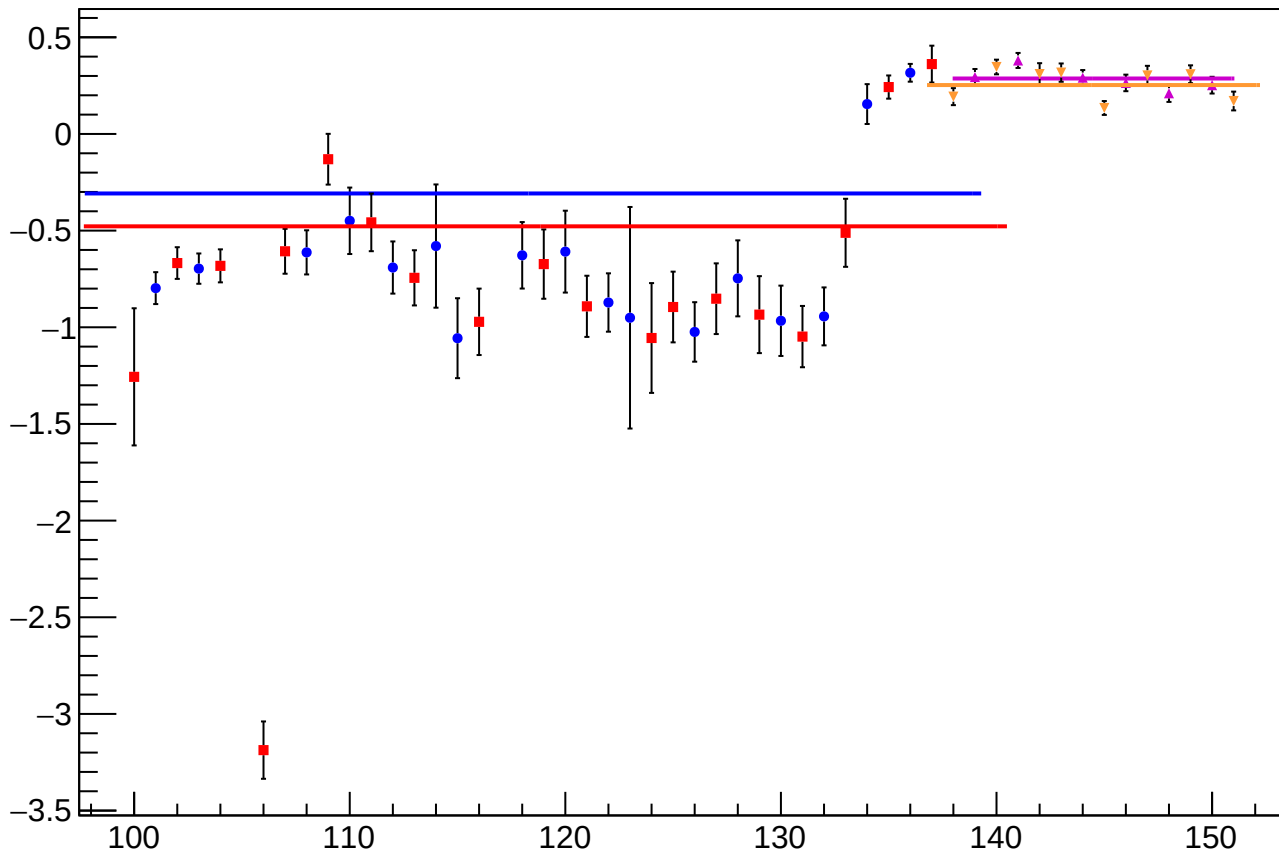
Left In: -11.425 ± 0.335 $\chi^2/\text{NDF}: 458.0/5$

+ sign -11.811 ± 0.266 $\chi^2/\text{NDF}: 561.4/24$

All: -11.551 ± 0.195 $\chi^2/\text{NDF}: 1389.2/49$

- sign -11.248 ± 0.287 $\chi^2/\text{NDF}: 825.7/24$

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: 0.253 ± 0.016 χ^2/NDF : 27.1/7

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

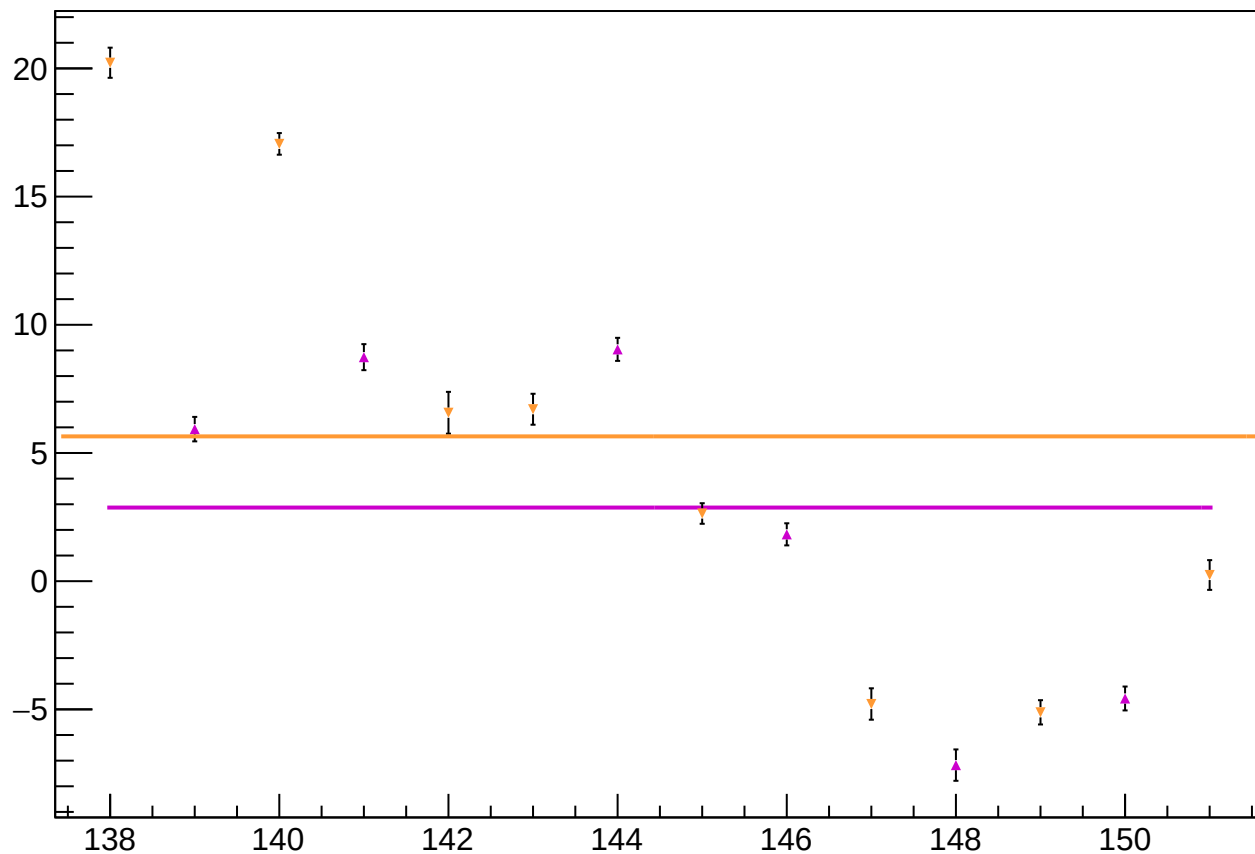
Left In: 0.287 ± 0.017 χ^2/NDF : 9.6/5

+ sign 0.115 ± 0.014 χ^2/NDF : 712.7/24

All: 0.102 ± 0.010 χ^2/NDF : 1886.0/49

- sign 0.087 ± 0.015 χ^2/NDF : 1171.3/24

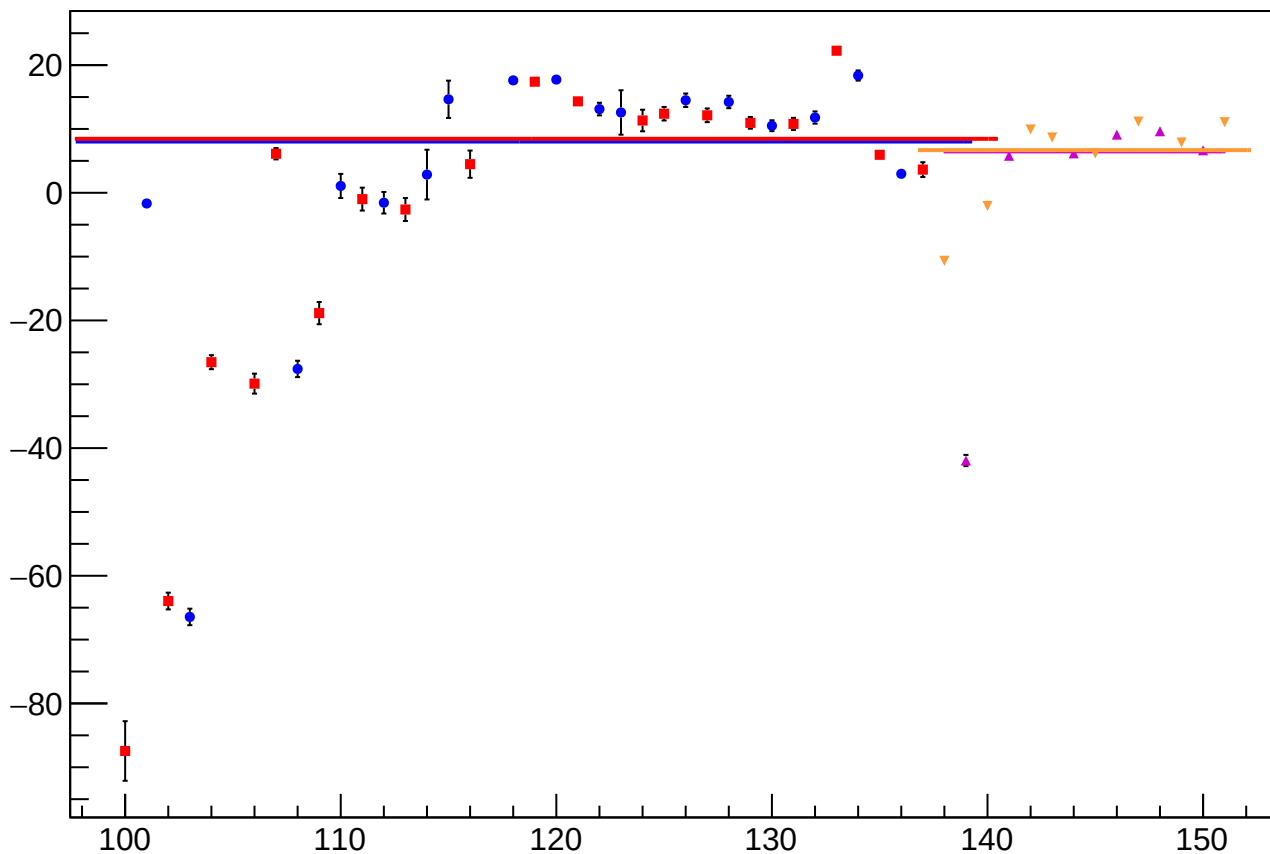
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.648 $\pm$ 0.186 χ^2 /NDF:2299.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.871 $\pm$ 0.197 χ^2 /NDF:893.8/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.340 $\pm$ 0.135 χ^2 /NDF: 3298.8/13
 - 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: 6.680+/-0.129 χ^2/NDF : 1943.1/7

Right Out: 8.454+/-0.213 χ^2/NDF : 6704.4/18

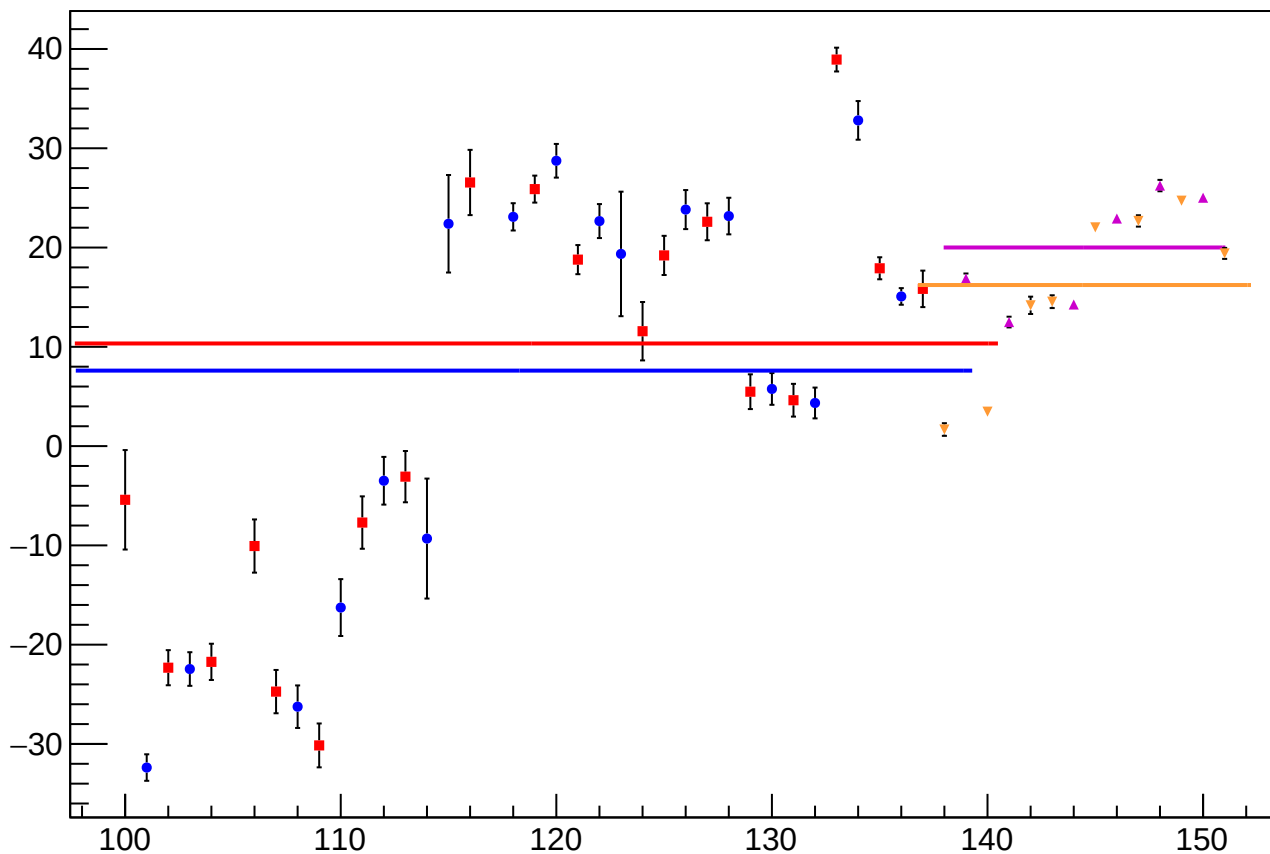
Left In: 6.484+/-0.138 χ^2/NDF : 3236.1/5

+ sign 7.037+/-0.110 χ^2/NDF : 7341.8/24

All: 7.051+/-0.080 χ^2/NDF : 17342.4/49

- sign 7.066+/-0.116 χ^2/NDF : 10000.6/24

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: 16.225 ± 0.189 χ^2/NDF : 2053.9/7

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

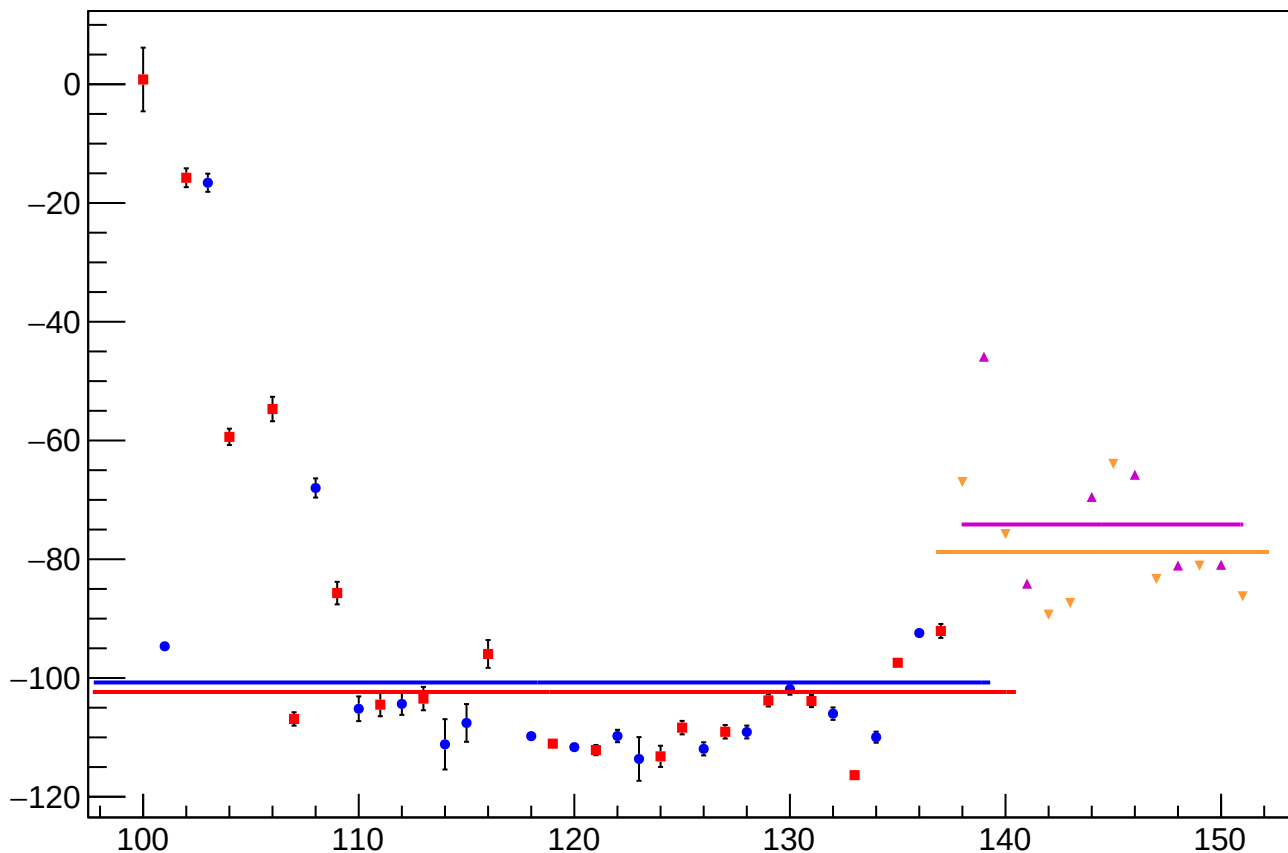
Left In: 20.006 ± 0.198 χ^2/NDF : 672.7/5

+ sign 14.753 ± 0.172 χ^2/NDF : 4735.4/24

All: 16.426 ± 0.124 χ^2/NDF : 8327.1/49

- sign 18.231 ± 0.178 χ^2/NDF : 3394.6/24

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -78.776 ± 0.158 $\chi^2/\text{NDF}: 2921.5/7$

Right Out: -102.354 ± 0.246 $\chi^2/\text{NDF}: 6078.9/18$

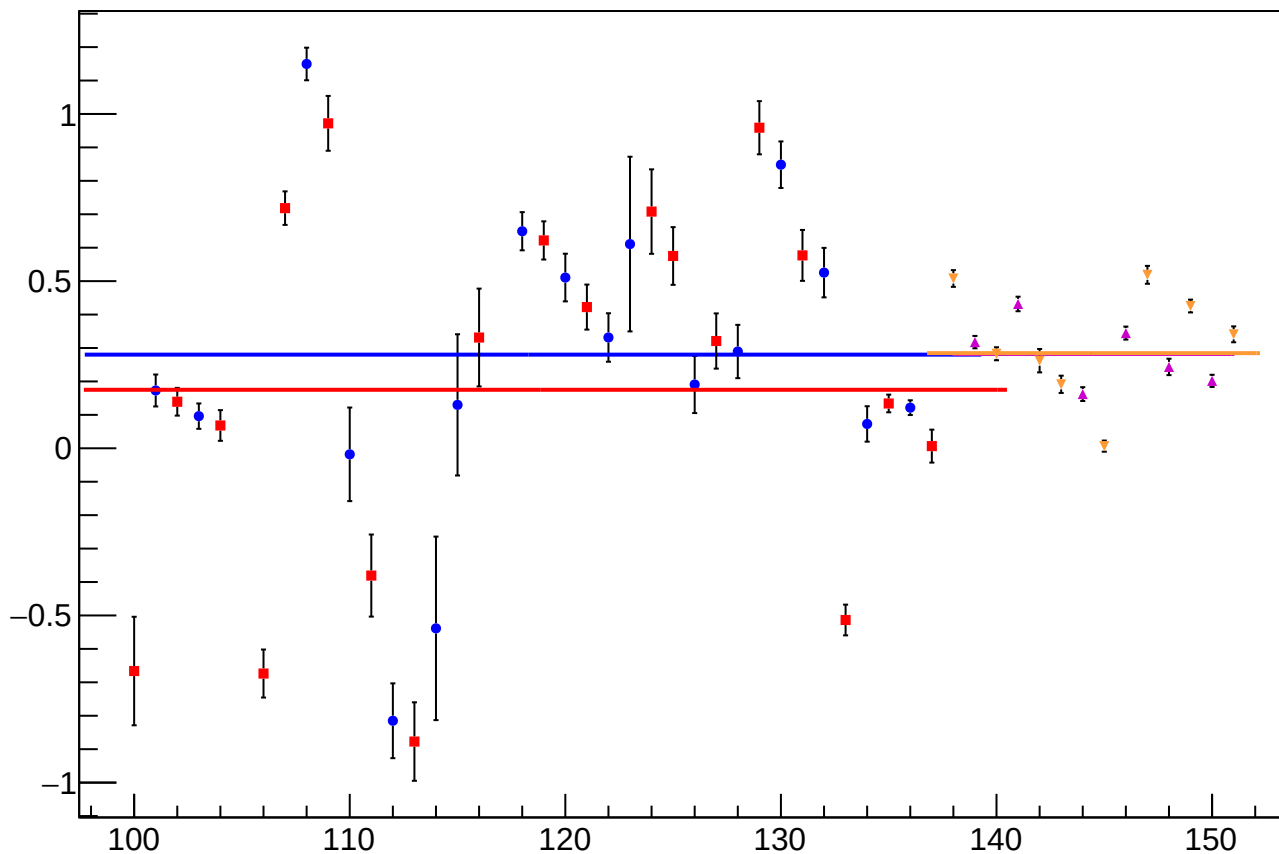
Left In: -74.145 ± 0.169 $\chi^2/\text{NDF}: 2993.2/5$

+ sign -85.121 ± 0.133 $\chi^2/\text{NDF}: 13029.1/24$

All: -84.177 ± 0.096 $\chi^2/\text{NDF}: 31142.7/49$

- sign -83.148 ± 0.139 $\chi^2/\text{NDF}: 18008.6/24$

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: 0.285 ± 0.008 χ^2/NDF : 507.7/7

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

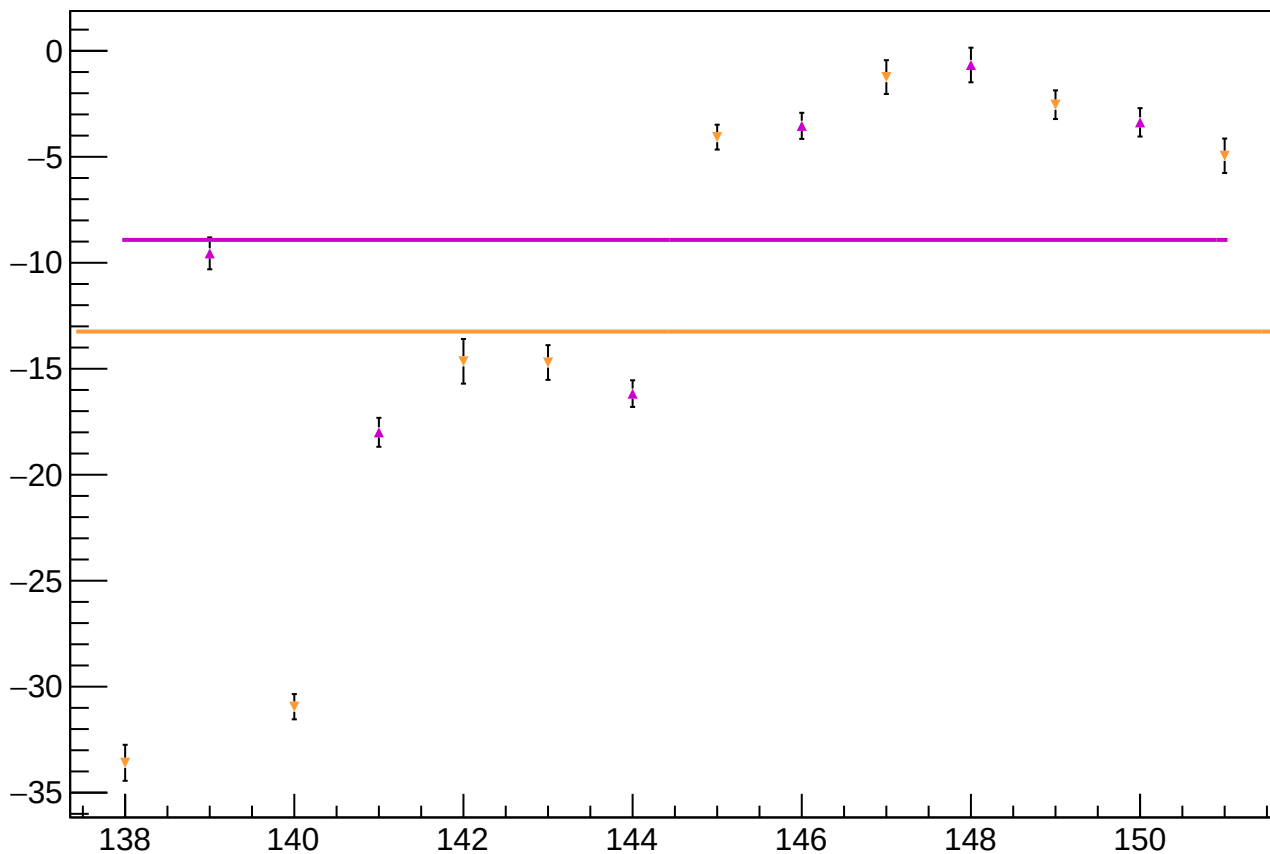
Left In: 0.282 ± 0.008 χ^2/NDF : 116.8/5

+ sign 0.283 ± 0.007 χ^2/NDF : 1163.8/24

All: 0.269 ± 0.005 χ^2/NDF : 2303.2/49

- sign 0.253 ± 0.007 χ^2/NDF : 1129.5/24

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.245+/-0.260 χ^2/NDF : 2286.3/7

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

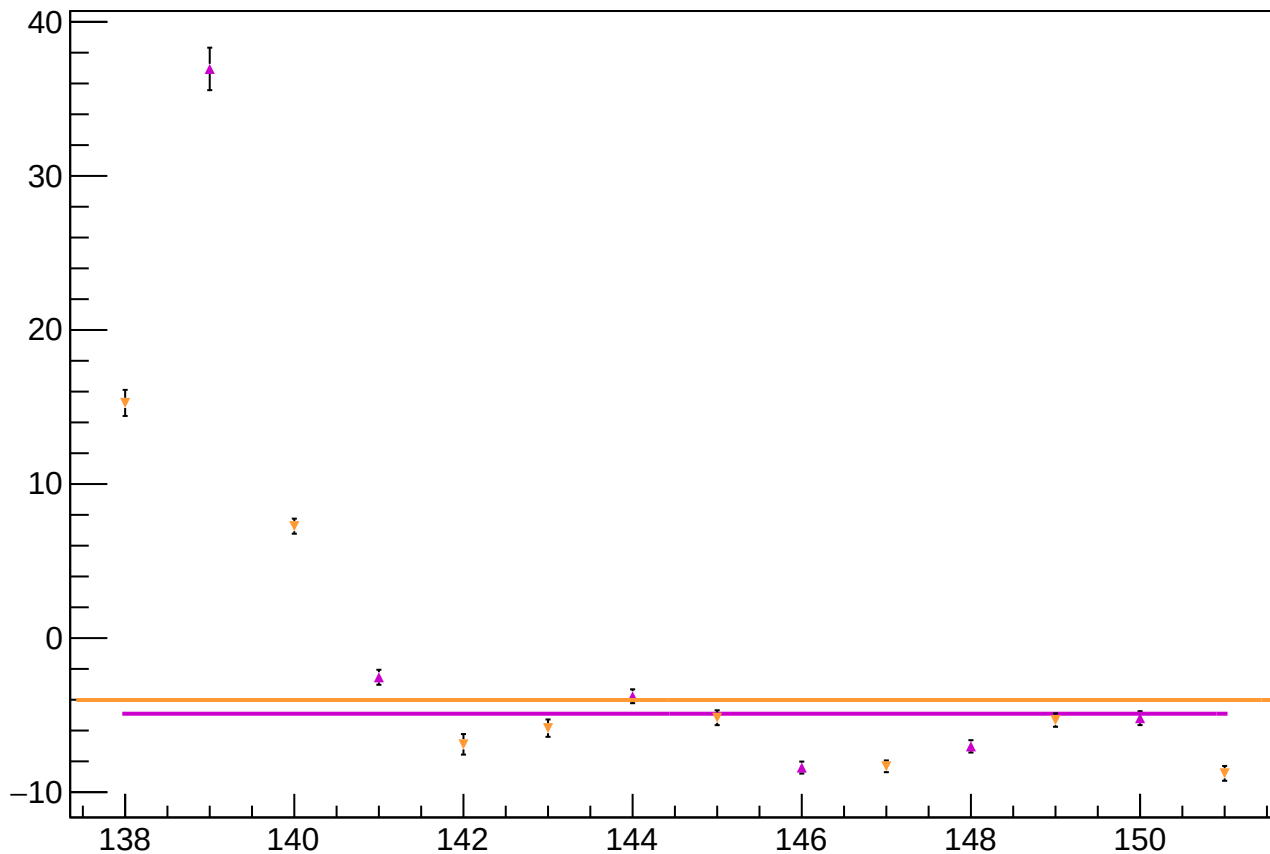
Left In: -8.919+/-0.279 χ^2/NDF : 557.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.236+/-0.190 χ^2/NDF : 2972.1/13

- 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: -4.018+/-0.178 χ^2/NDF :1319.9/7

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

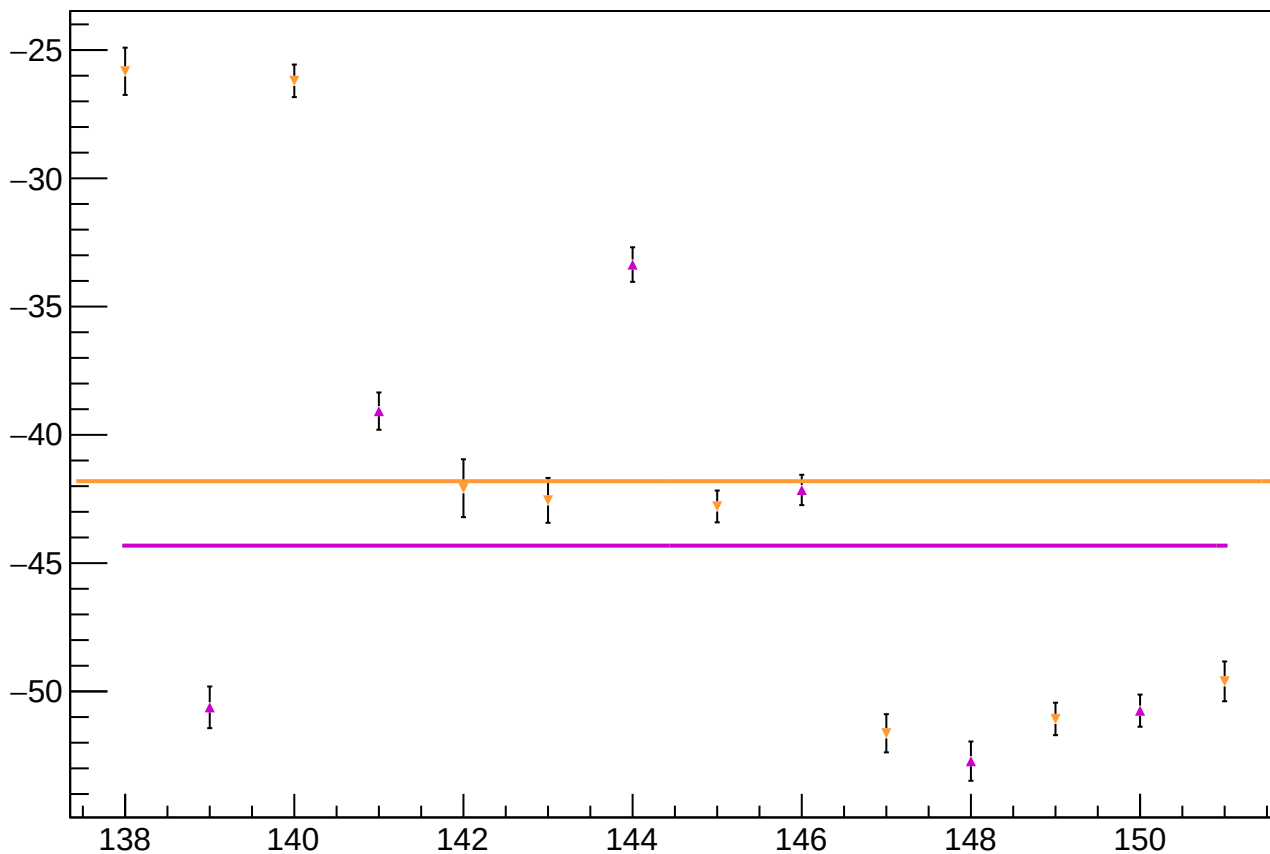
Left In: -4.908+/-0.191 χ^2/NDF :1059.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.430+/-0.130 χ^2/NDF : 2391.4/13

- 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: -41.807+/-0.264 χ^2/NDF :1398.2/7

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

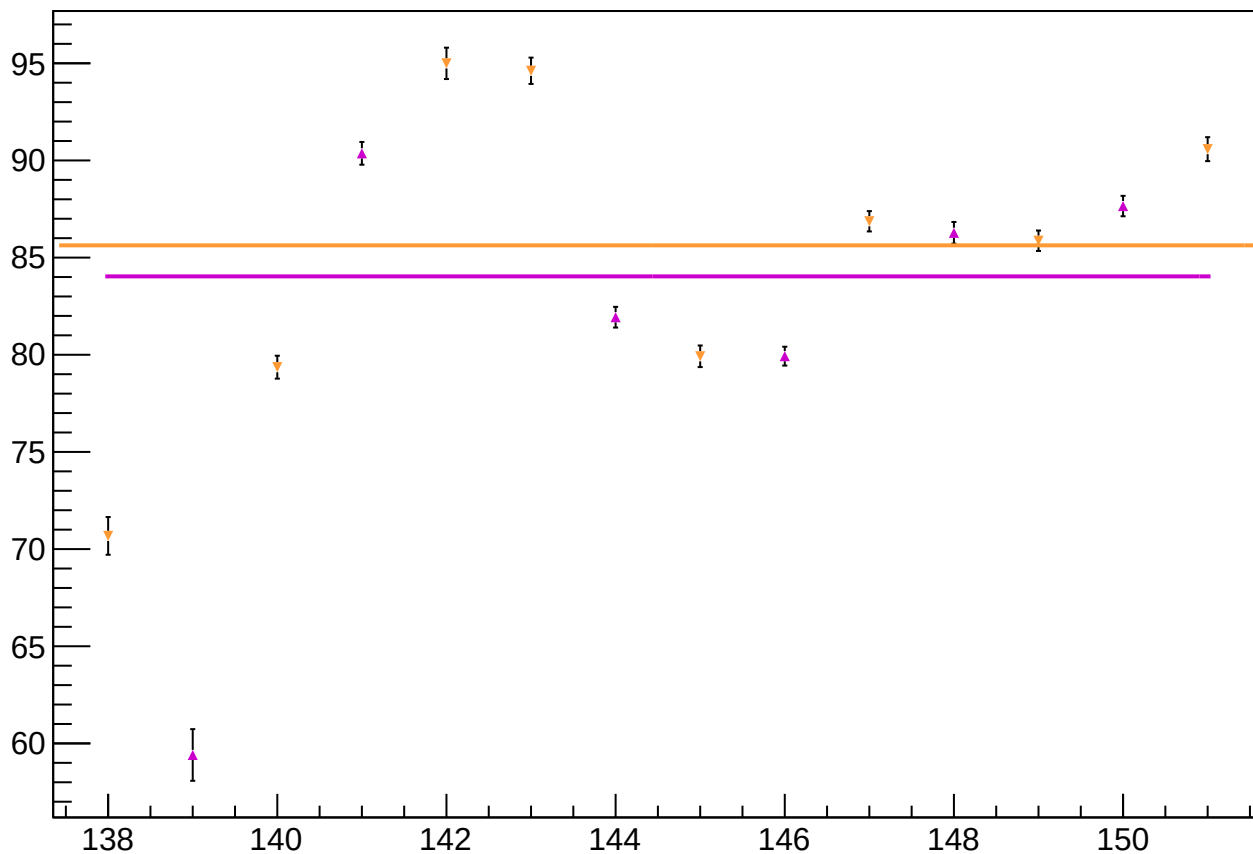
Left In: -44.318+/-0.280 χ^2/NDF :615.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.988+/-0.192 χ^2/NDF : 2056.5/13

- 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: 85.631+/-0.219 χ^2/NDF : 836.9/7

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

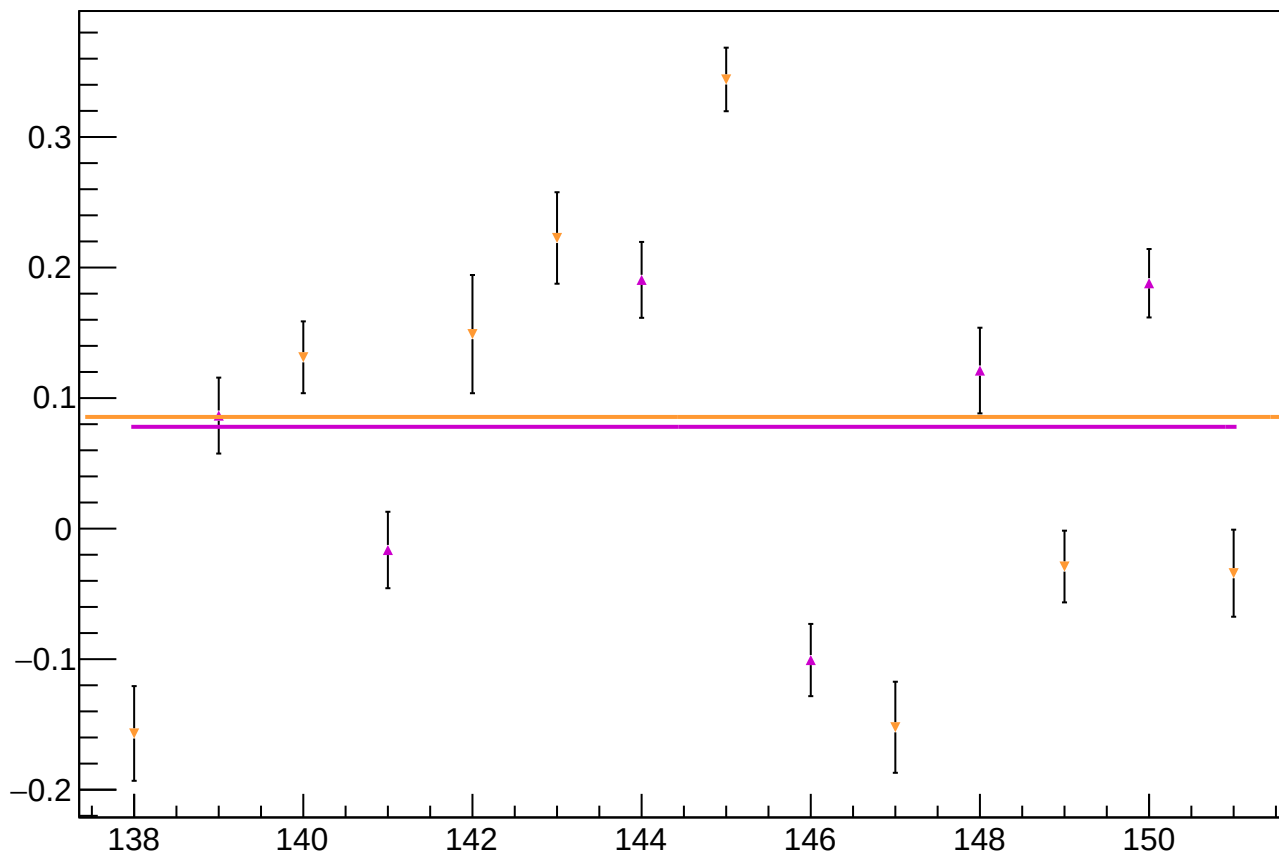
Left In: 84.034+/-0.235 χ^2/NDF : 610.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.888+/-0.160 χ^2/NDF : 1472.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.086 $\pm$ 0.011 χ^2 /NDF:254.2/7

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

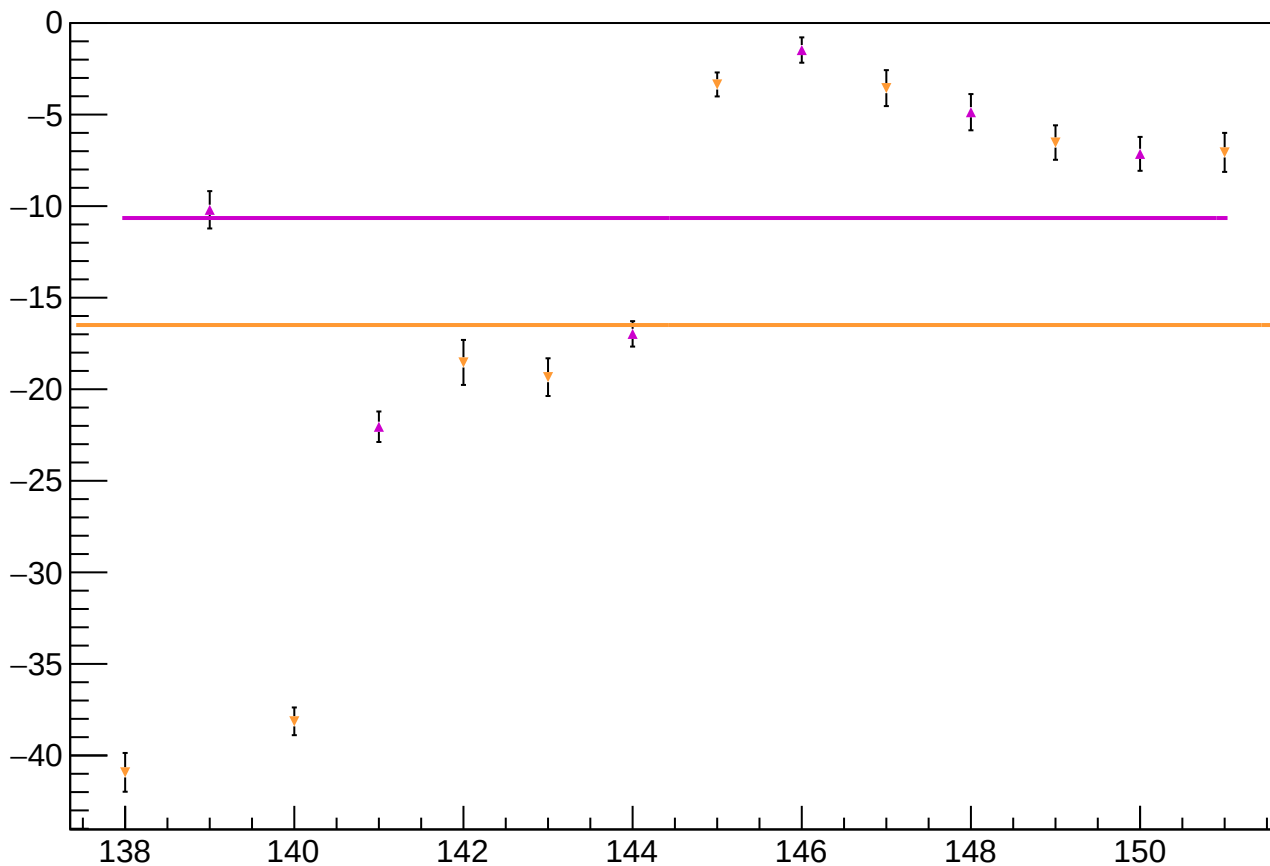
Left In: 0.078 $\pm$ 0.012 χ^2 /NDF:86.5/5

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

All: 0.082 $\pm$ 0.008 χ^2 /NDF: 341.0/13

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

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.493+/-0.322 χ^2/NDF : 2127.1/7

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

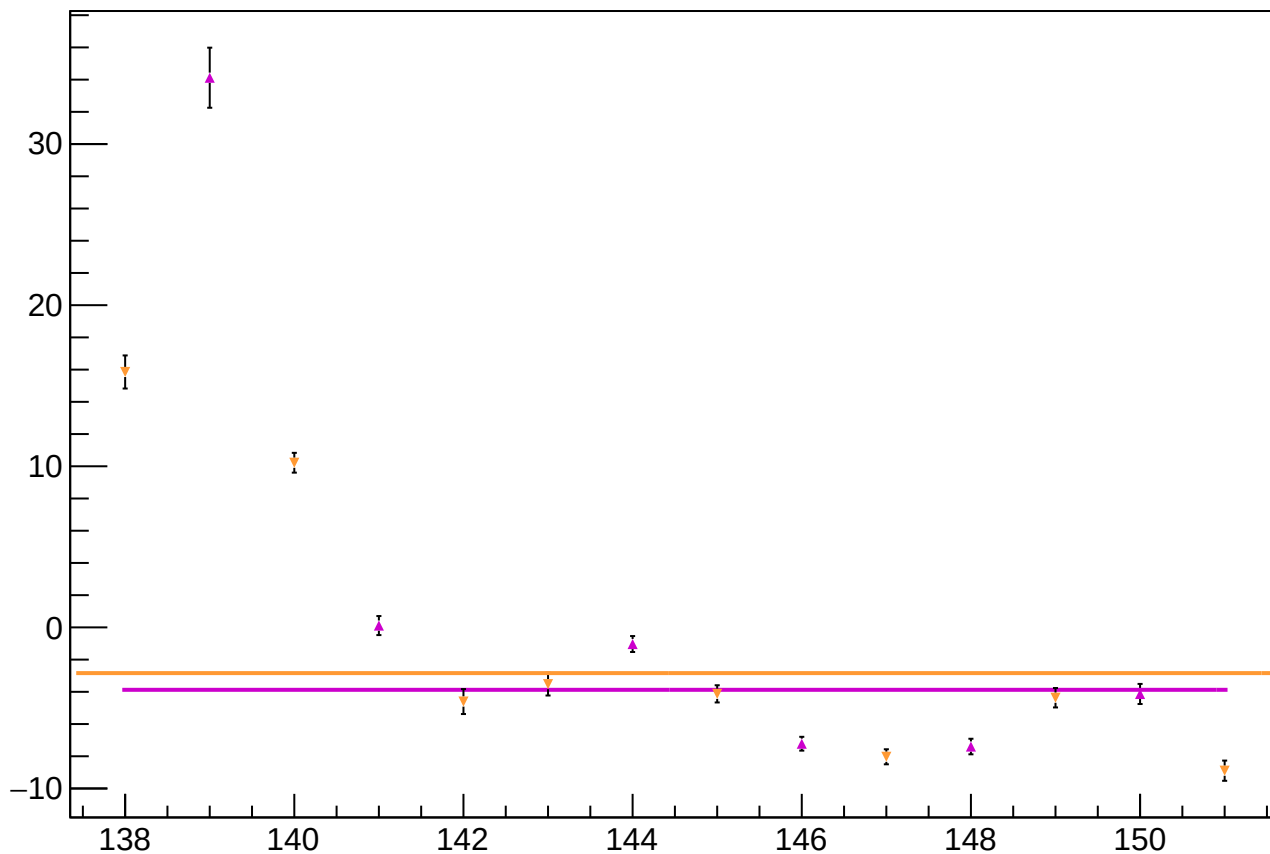
Left In: -10.650+/-0.338 χ^2/NDF : 494.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.710+/-0.233 χ^2/NDF : 2778.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.838+/-0.220 χ^2/NDF : 1018.3/7

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

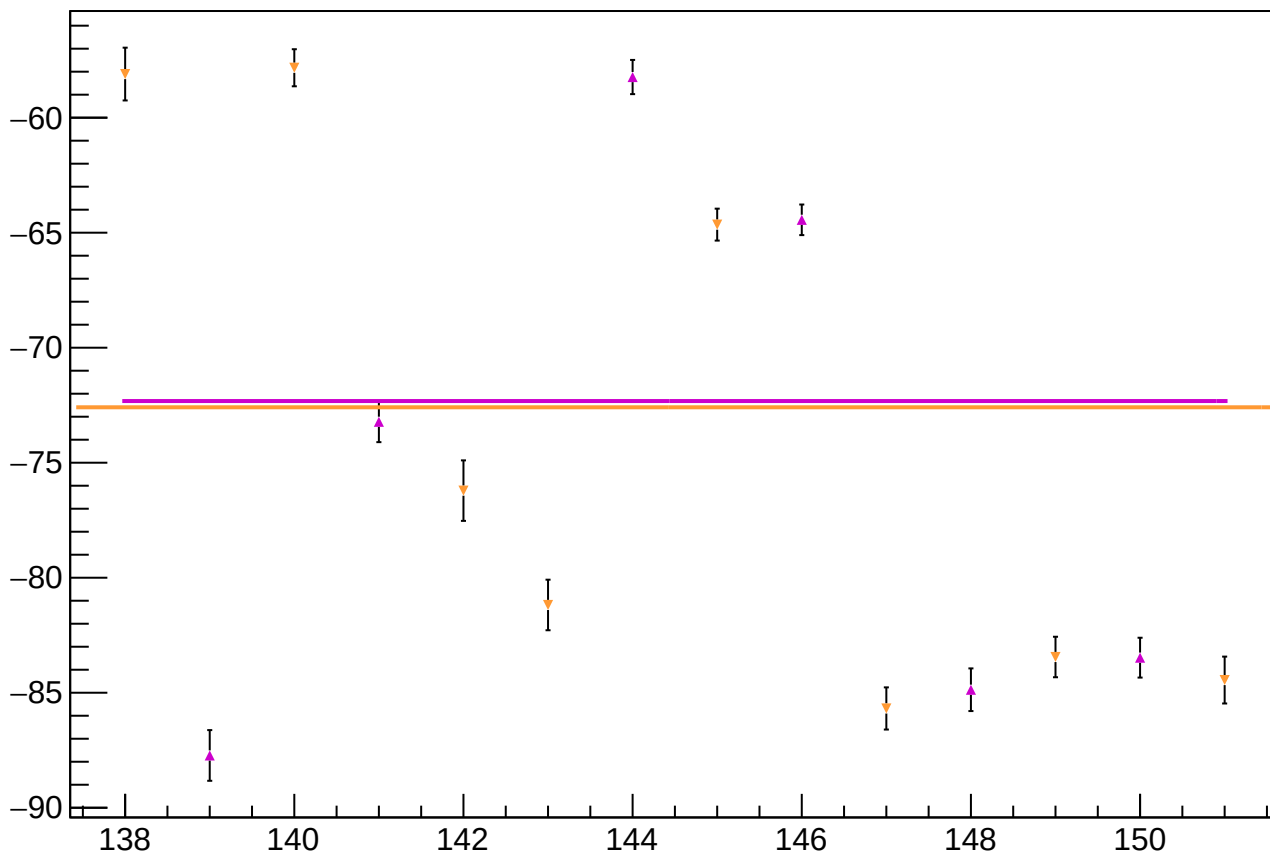
Left In: -3.875+/-0.226 χ^2/NDF : 607.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.342+/-0.158 χ^2/NDF : 1636.9/13

- 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: -72.591+/-0.329 χ^2/NDF :1186.0/7

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

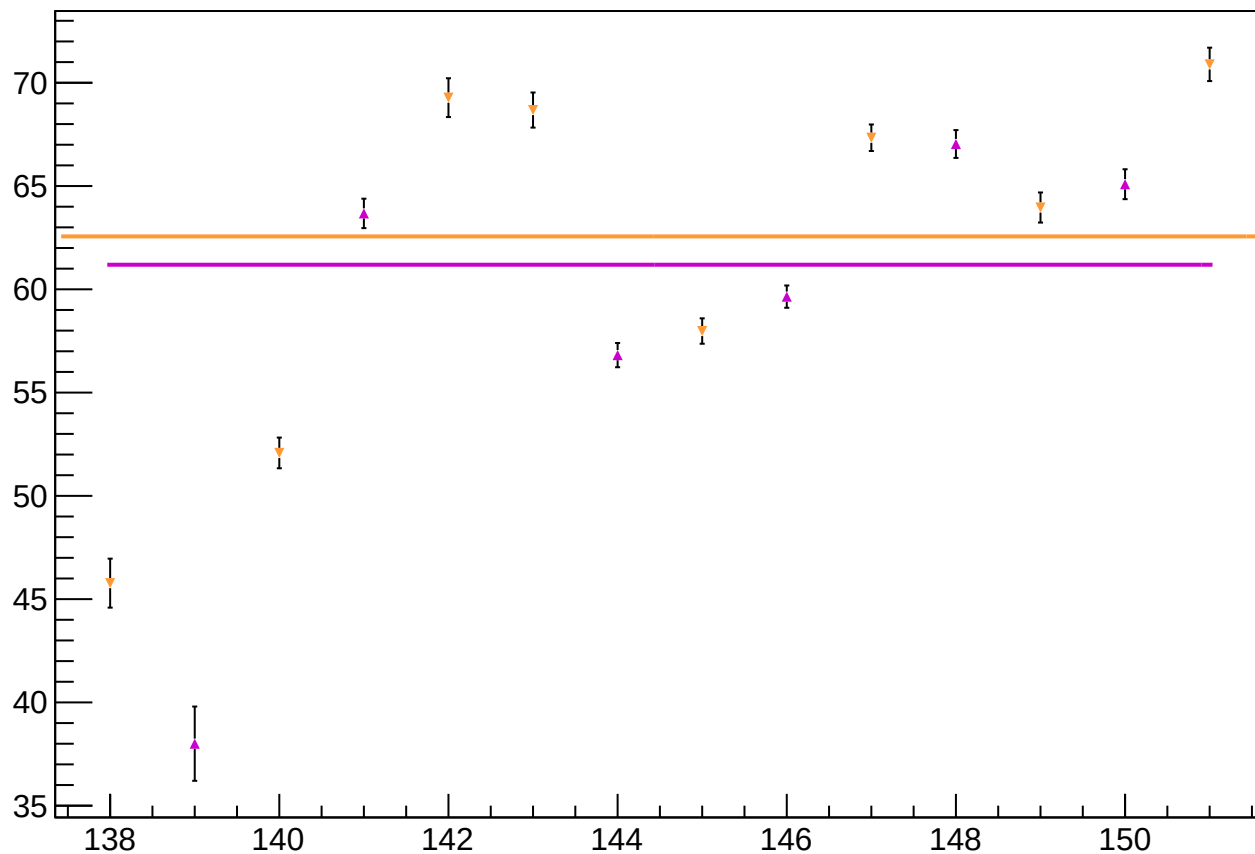
Left In: -72.319+/-0.340 χ^2/NDF :1044.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.459+/-0.236 χ^2/NDF : 2231.3/13

- 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: 62.562+/-0.272 χ^2/NDF : 723.2/7

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

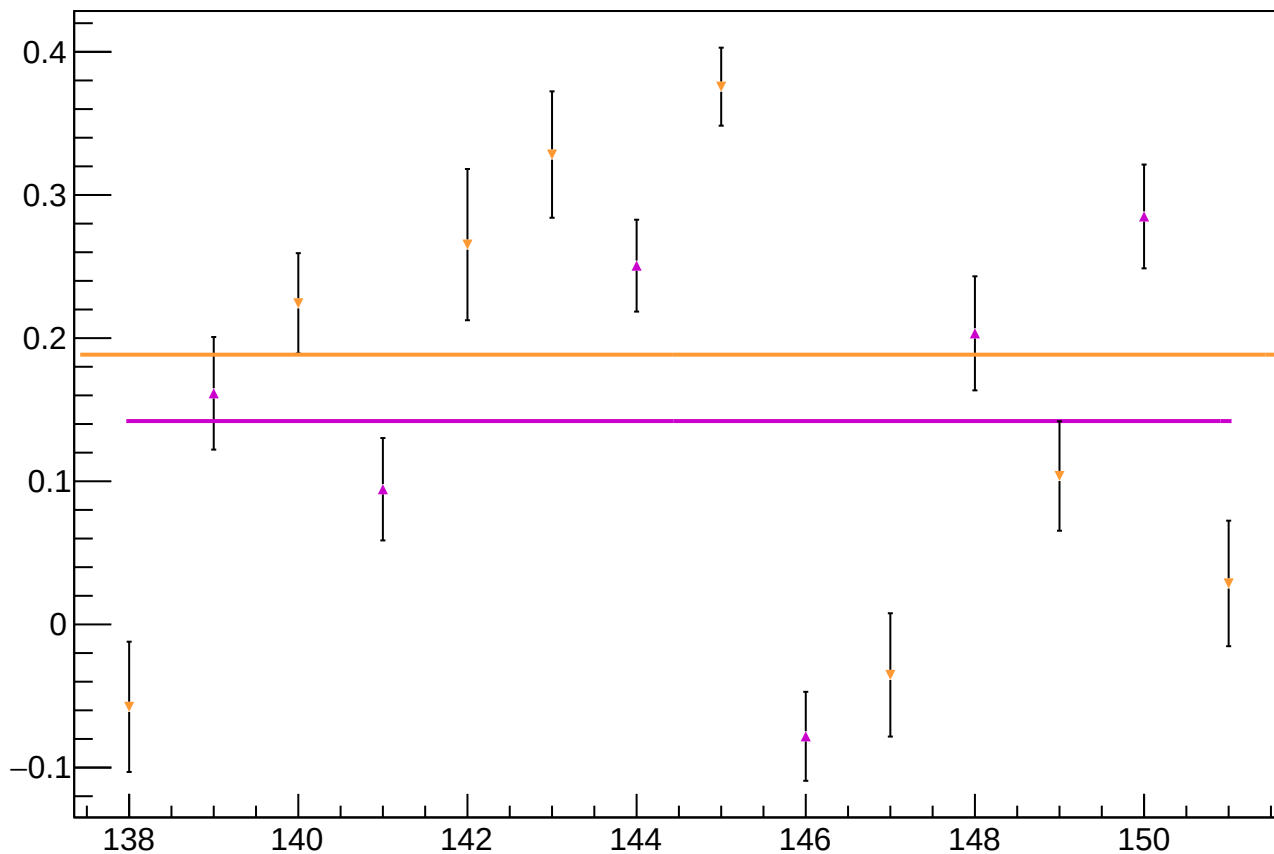
Left In: 61.190+/-0.280 χ^2/NDF : 346.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.897+/-0.195 χ^2/NDF : 1082.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

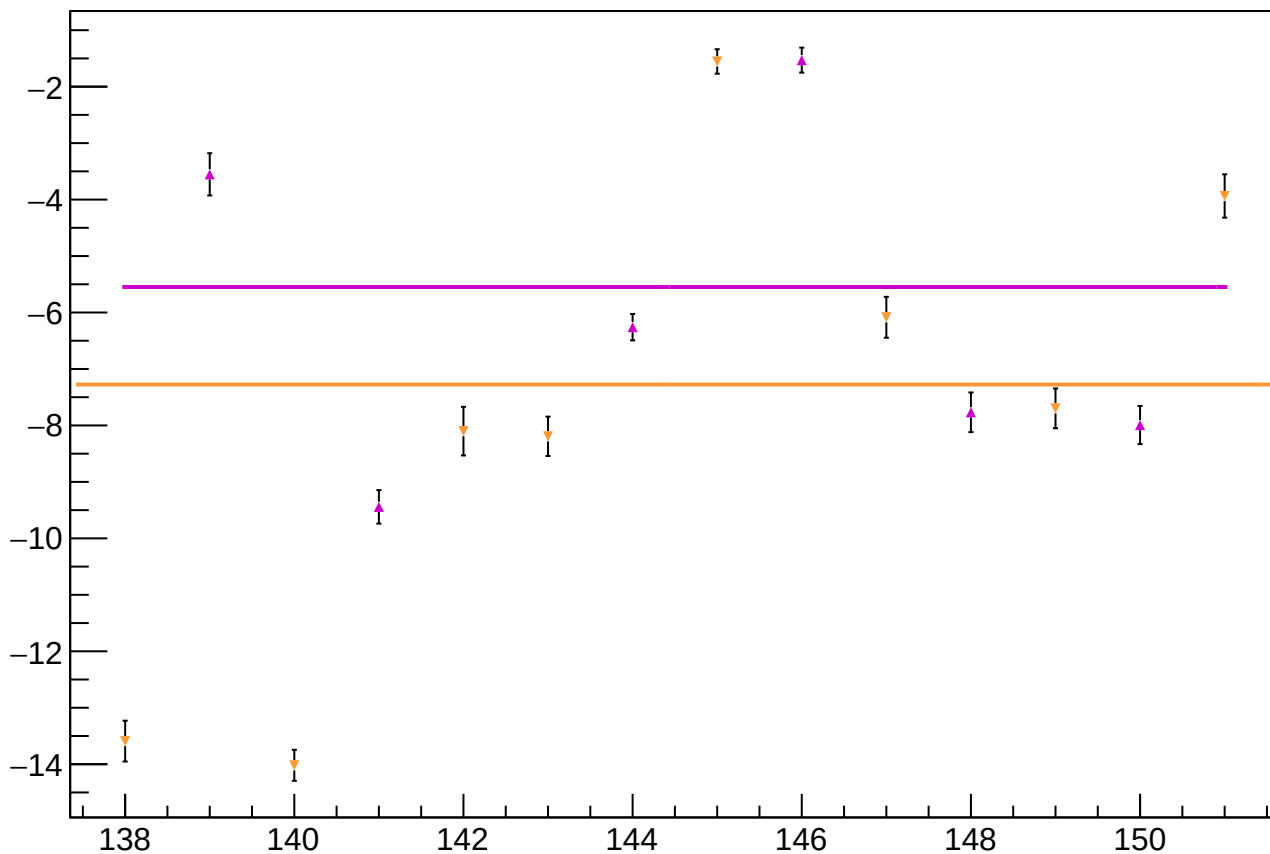
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.188 $\pm$ 0.014 χ^2 /NDF:134.8/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.142 $\pm$ 0.014 χ^2 /NDF:81.6/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.166 $\pm$ 0.010 χ^2 /NDF: 221.8/13
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

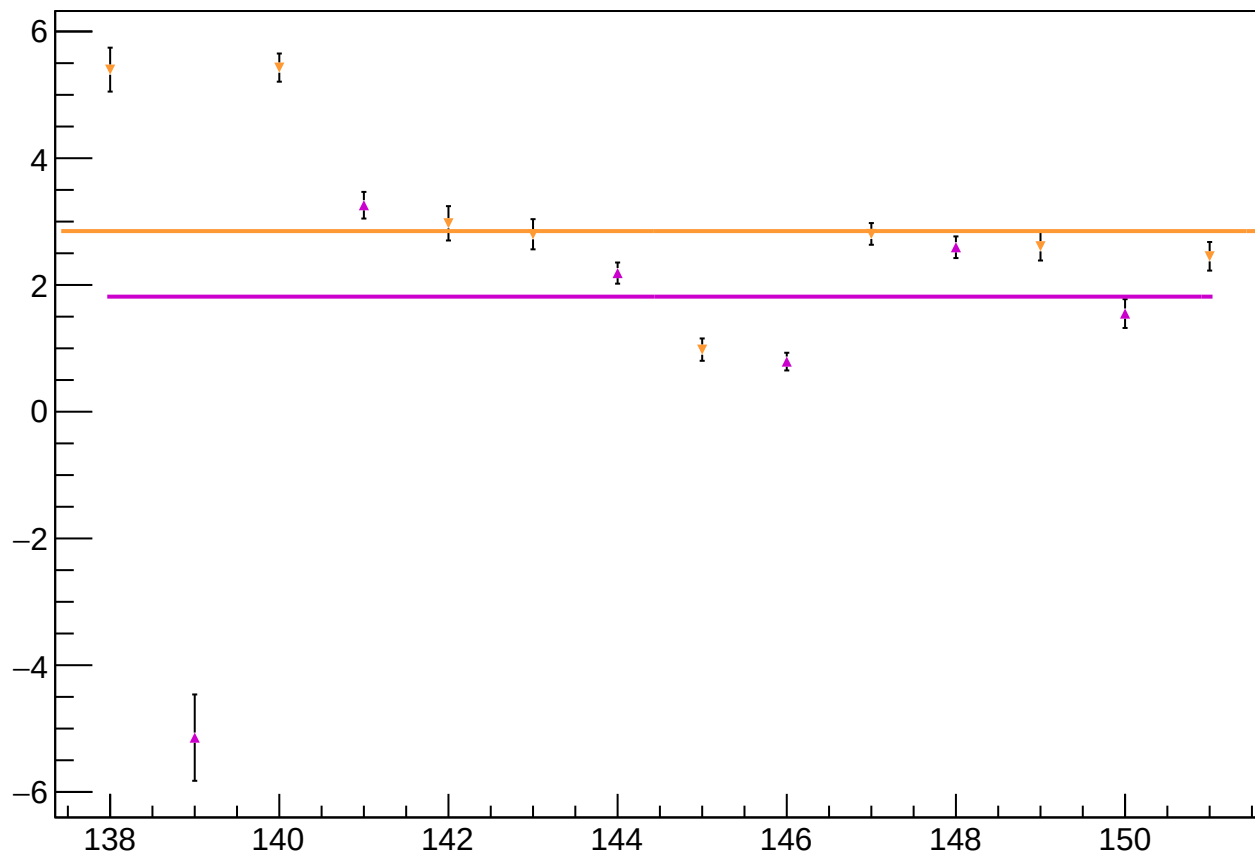
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.275+/-0.113 χ^2/NDF :1701.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.548+/-0.116 χ^2/NDF :632.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.435+/-0.081 χ^2/NDF : 2448.3/13
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

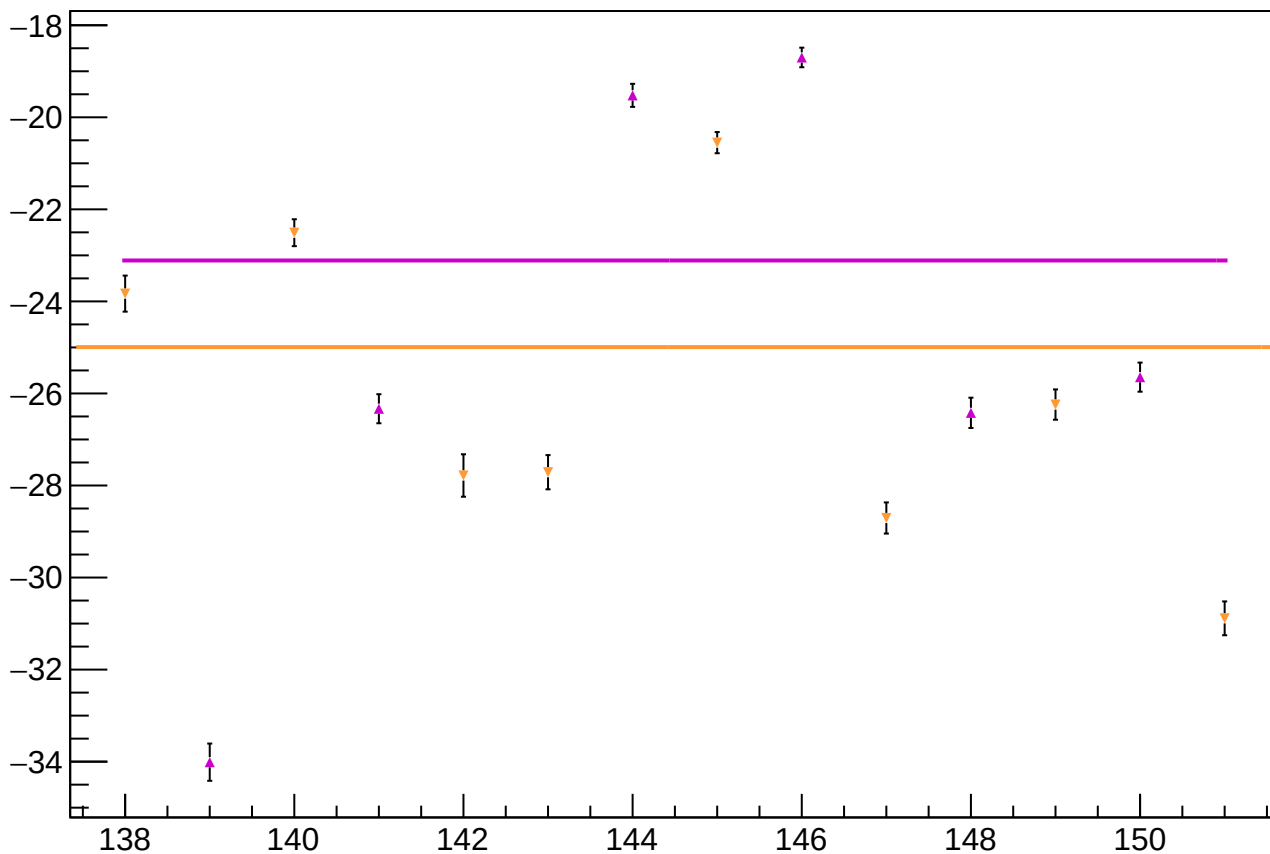
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.850 $\pm$ 0.078 χ^2 /NDF:305.8/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.816 $\pm$ 0.078 χ^2 /NDF:232.6/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.332 $\pm$ 0.055 χ^2 /NDF: 627.0/13
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -24.993+/-0.116 χ^2/NDF : 934.9/7

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

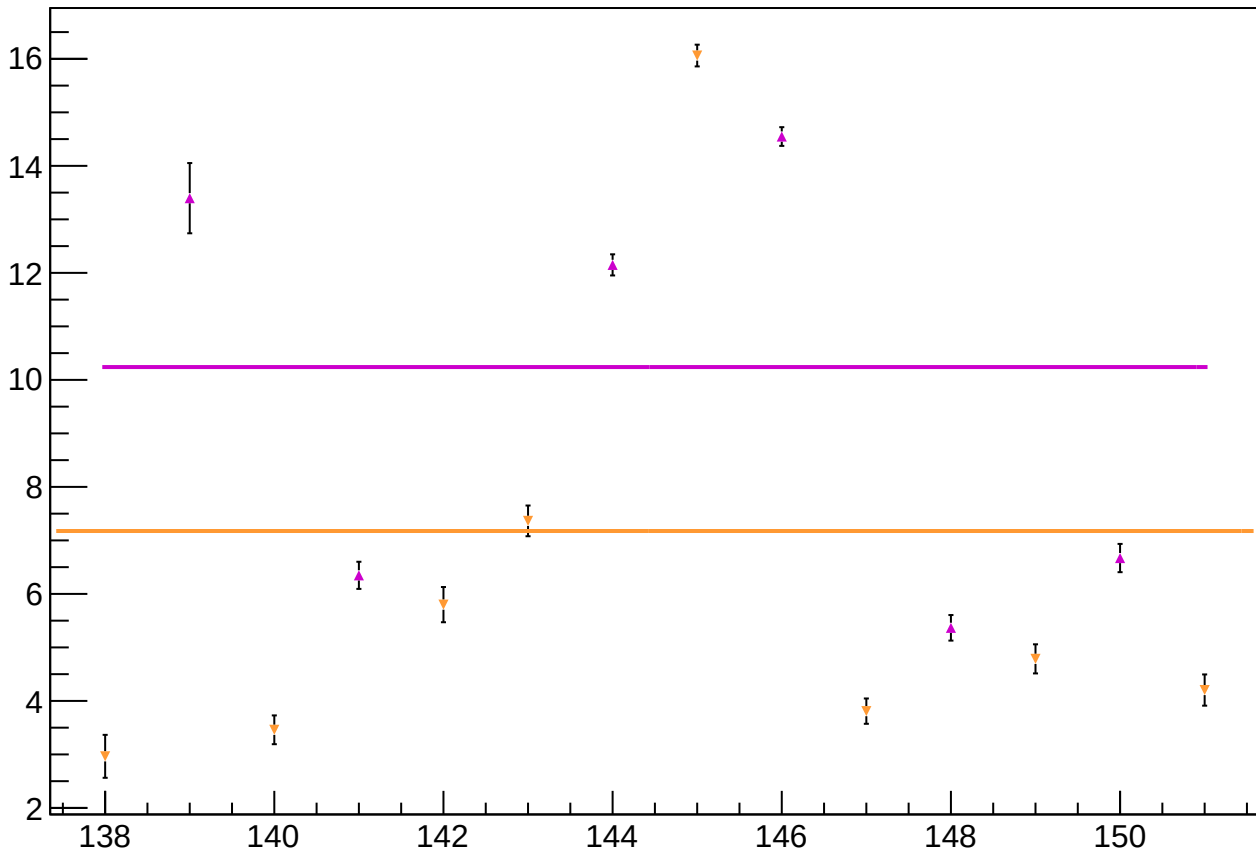
Left In: -23.111+/-0.117 χ^2/NDF : 1631.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.058+/-0.082 χ^2/NDF : 2697.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

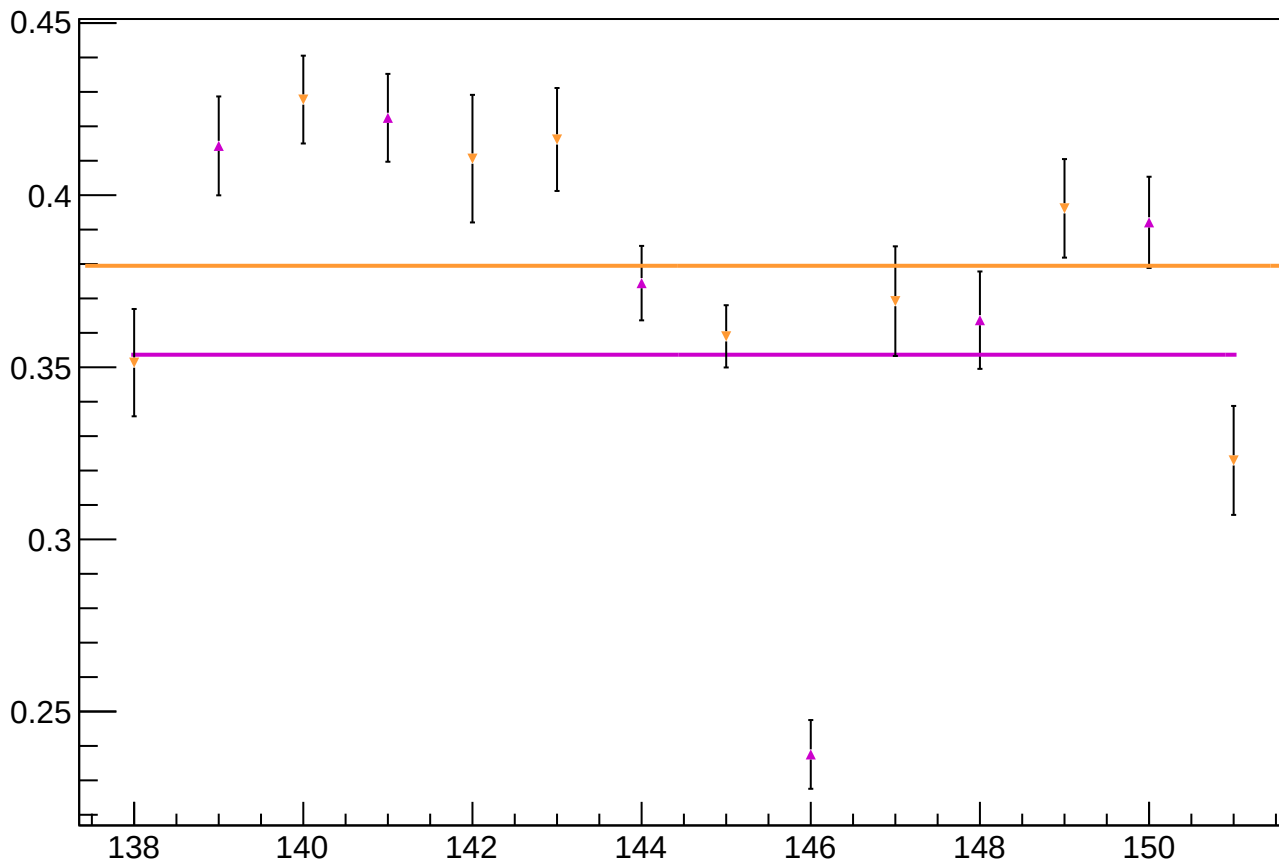
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.176+/-0.096 χ^2/NDF :2614.3/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.240+/-0.096 χ^2/NDF :1557.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.703+/-0.068 χ^2/NDF : 4680.6/13
 - 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: 0.379 $\pm$ 0.005 χ^2 /NDF:46.1/7

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

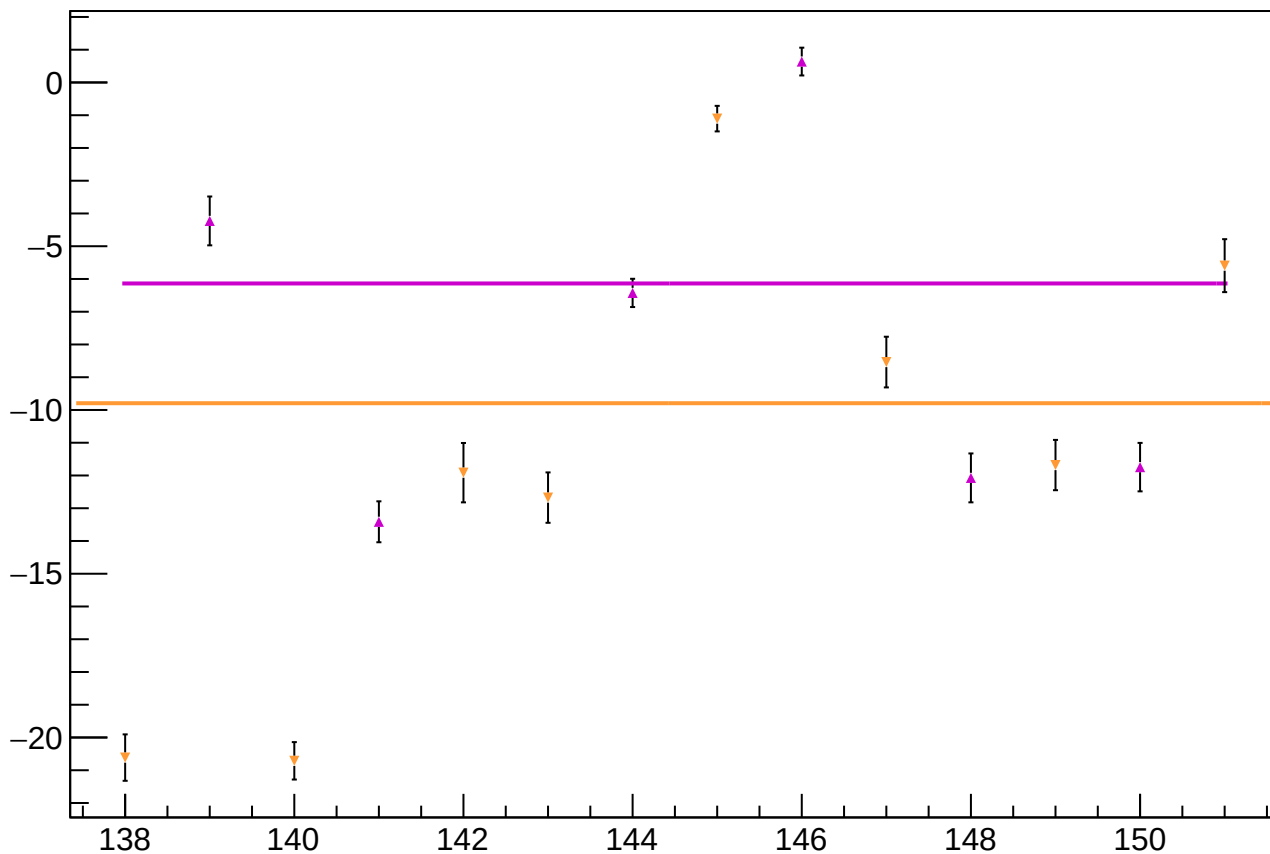
Left In: 0.354 $\pm$ 0.005 χ^2 /NDF:194.7/5

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

All: 0.367 $\pm$ 0.003 χ^2 /NDF: 254.6/13

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

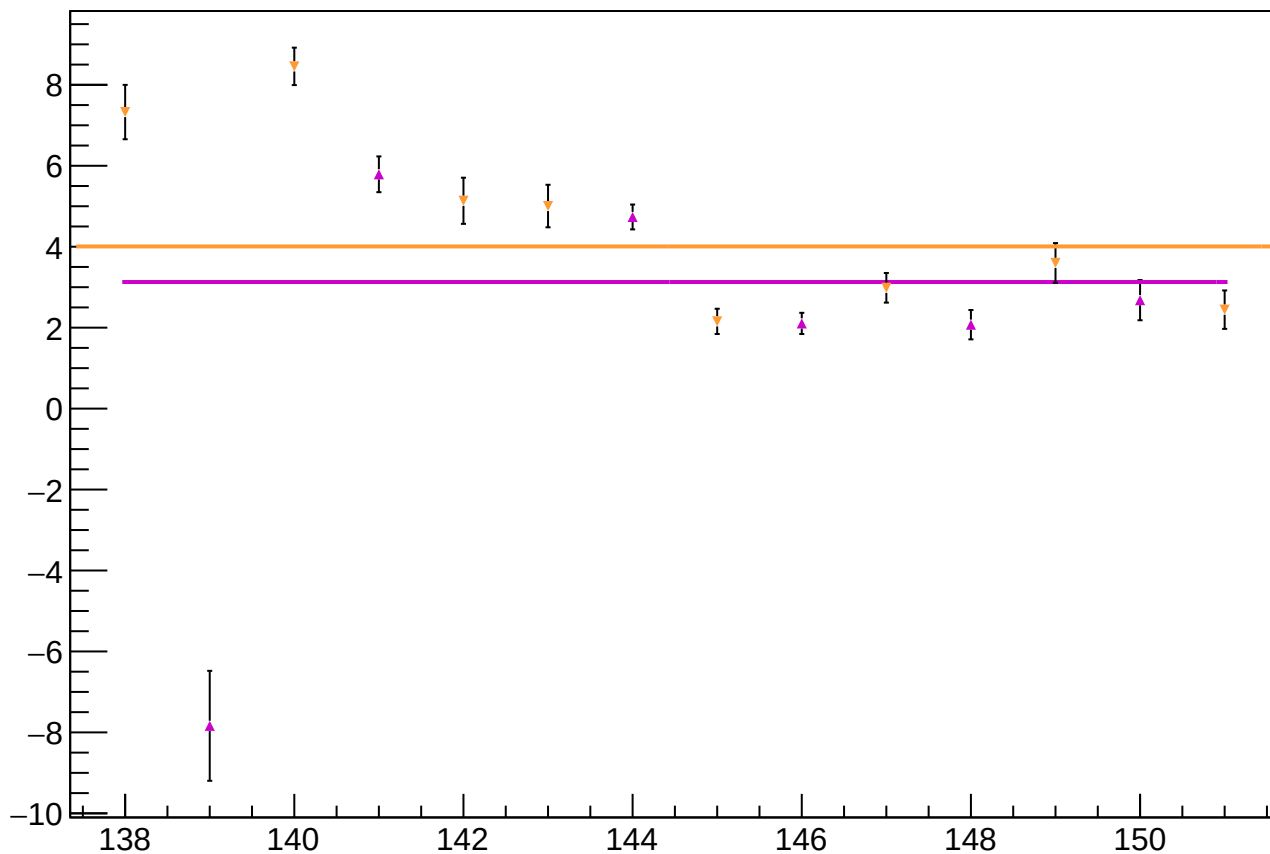
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.793 $\pm$ 0.227 χ^2 /NDF:1149.7/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.137 $\pm$ 0.230 χ^2 /NDF:518.4/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -7.990 $\pm$ 0.162 χ^2 /NDF: 1796.2/13
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

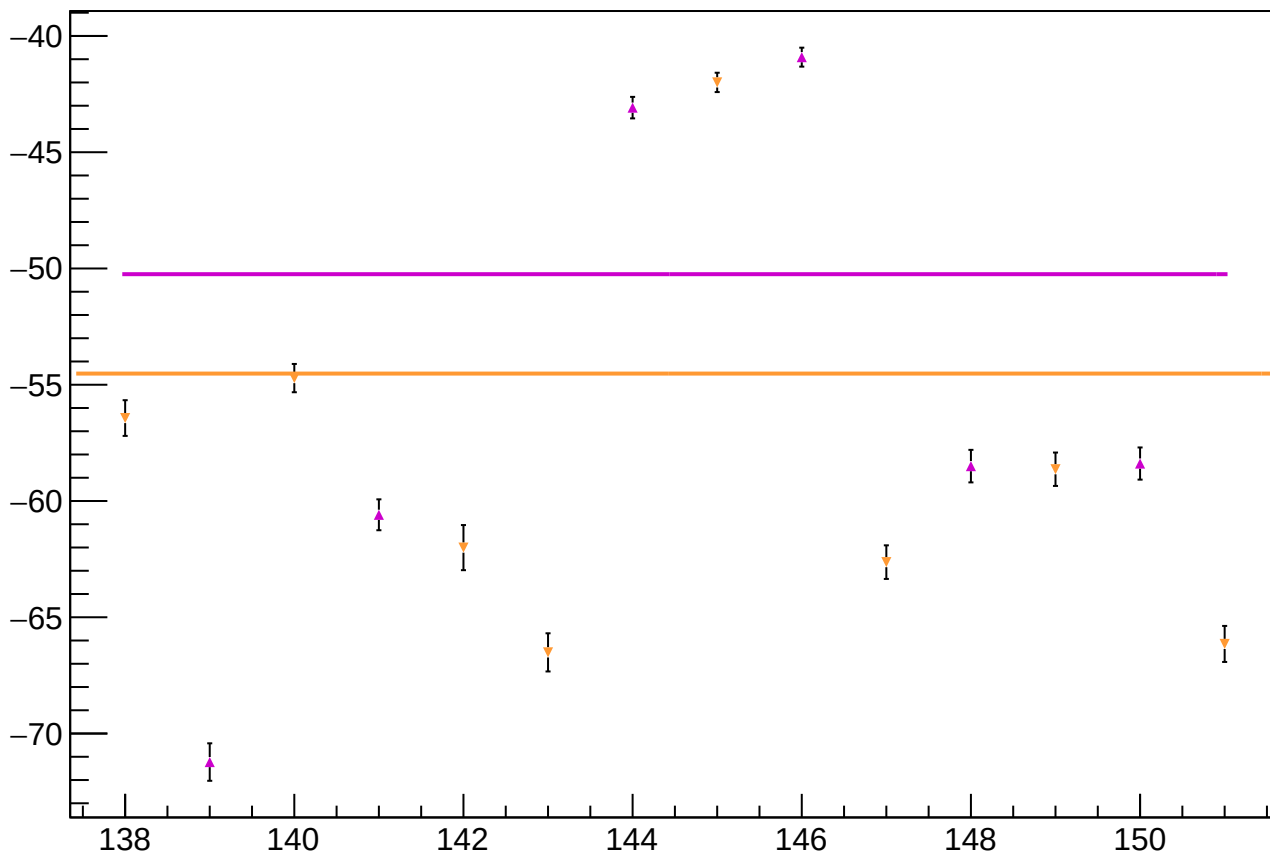
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.007 $\pm$ 0.158 χ^2 /NDF:179.0/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.128 $\pm$ 0.153 χ^2 /NDF:153.3/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.554 $\pm$ 0.110 χ^2 /NDF: 348.2/13
 - 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: -54.520+/-0.234 χ^2/NDF :1569.8/7

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

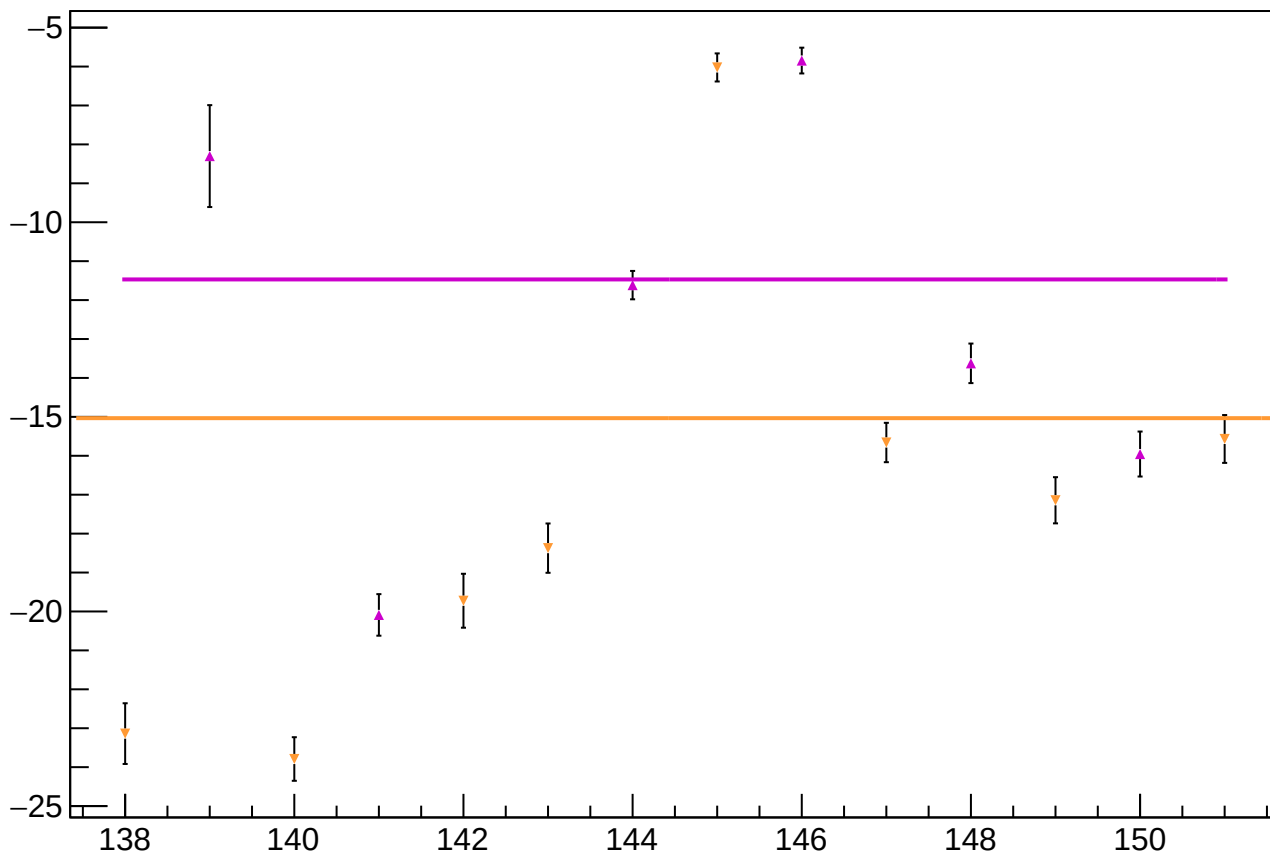
Left In: -50.245+/-0.232 χ^2/NDF :1961.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.360+/-0.165 χ^2/NDF : 3699.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.033+/-0.194 χ^2/NDF :1064.6/7

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

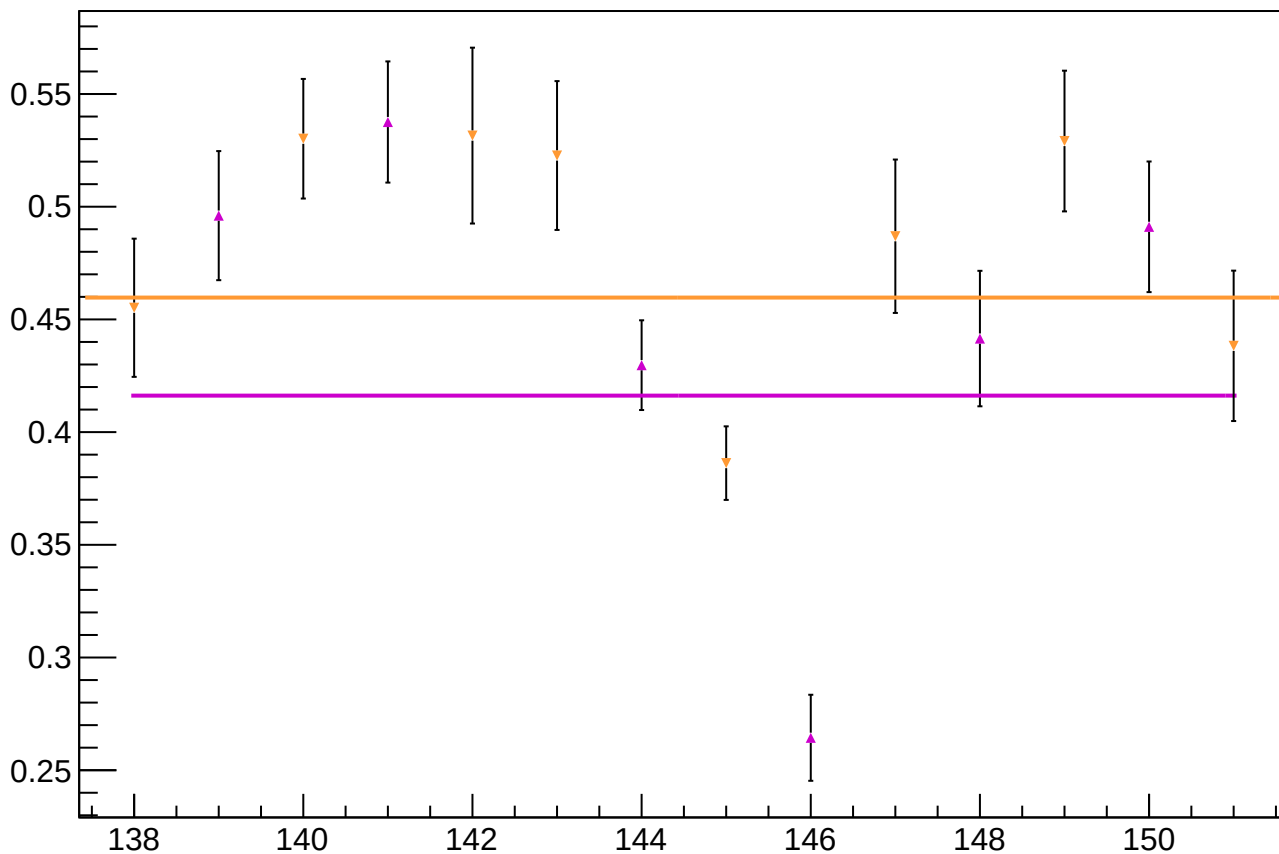
Left In: -11.469+/-0.190 χ^2/NDF :633.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.215+/-0.136 χ^2/NDF : 1869.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.460+/-0.010 χ^2/NDF : 40.4/7

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

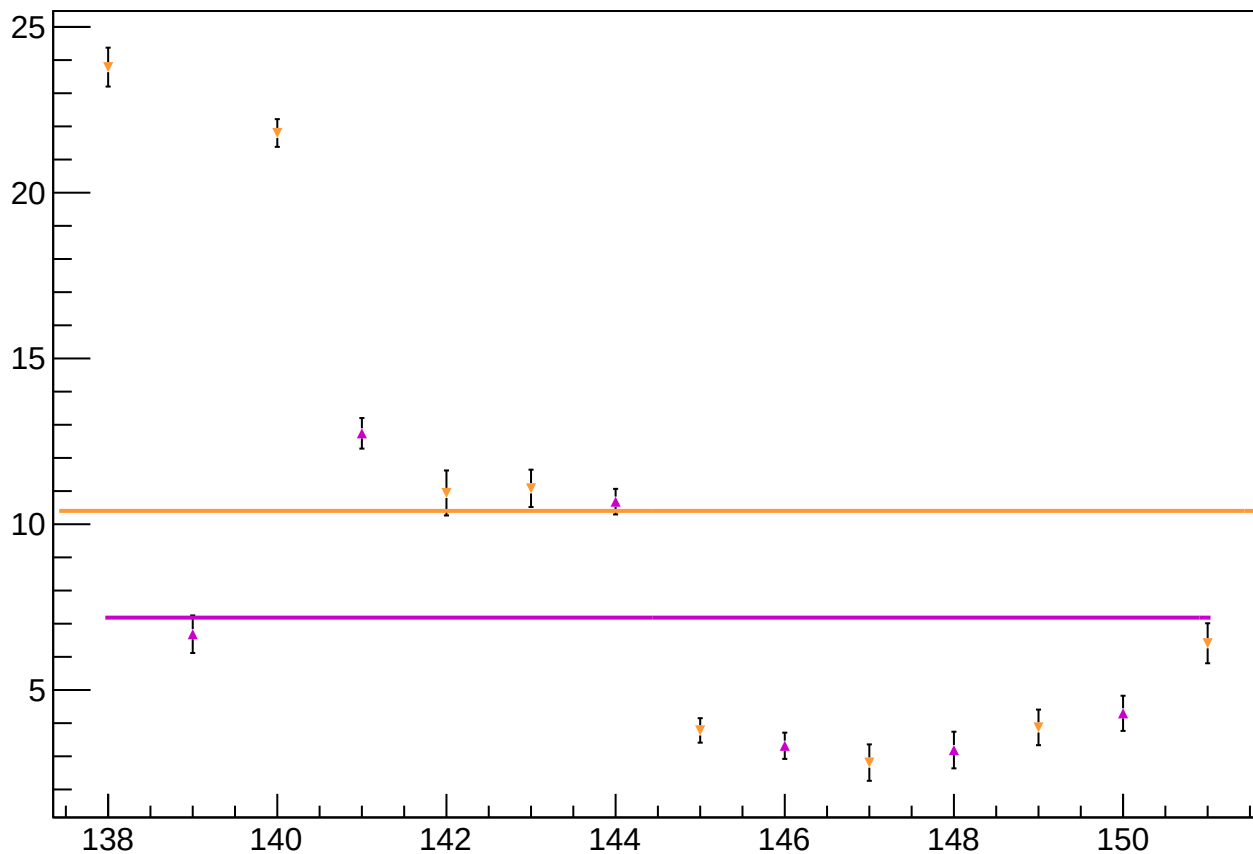
Left In: 0.416+/-0.010 χ^2/NDF : 99.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.438+/-0.007 χ^2/NDF : 149.5/13

- sign 0.000+/-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: 10.403+/-0.180 χ^2/NDF : 1969.4/7

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

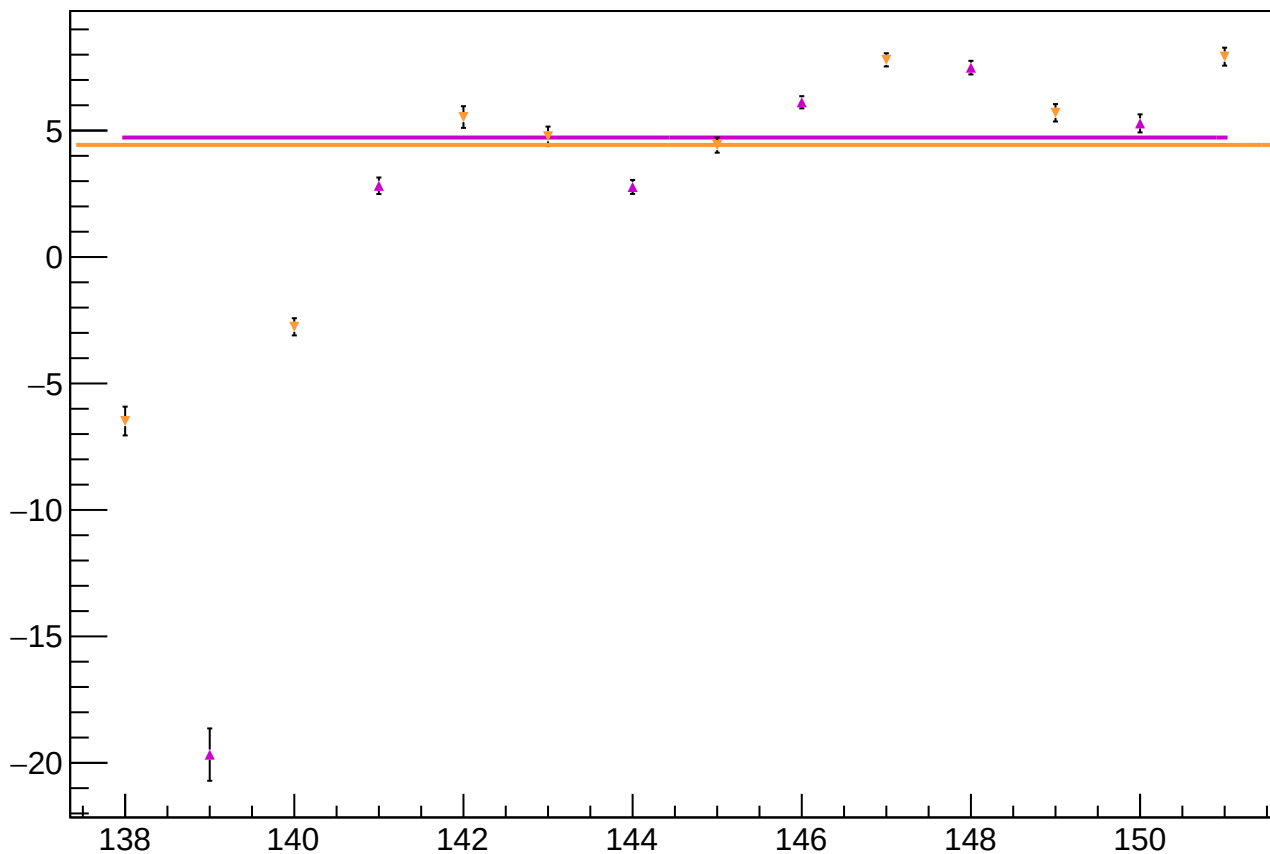
Left In: 7.183+/-0.190 χ^2/NDF : 405.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.877+/-0.131 χ^2/NDF : 2526.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

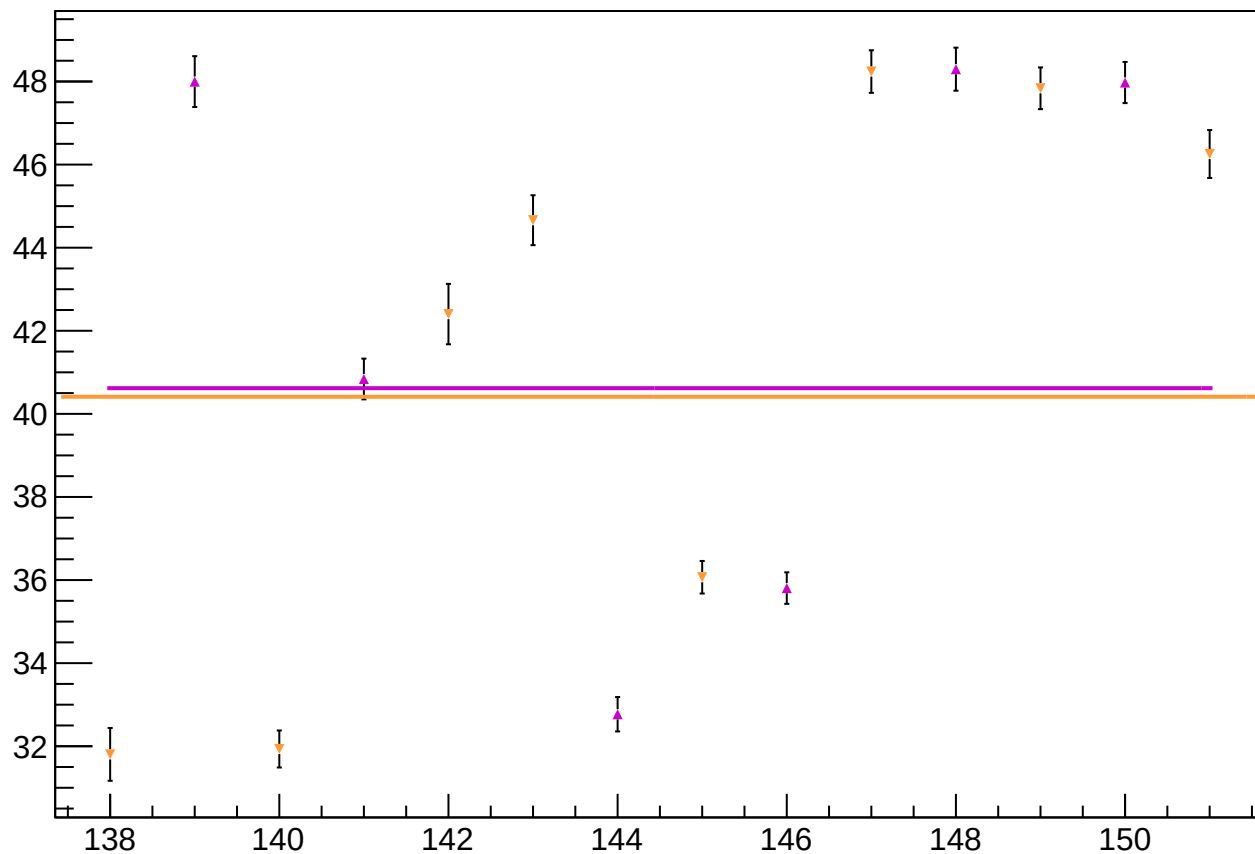
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.433 $\pm$ 0.123 χ^2 /NDF:1100.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.724 $\pm$ 0.127 χ^2 /NDF:780.8/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.574 $\pm$ 0.088 χ^2 /NDF: 1883.9/13
 - 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: 40.412+/-0.184 χ^2/NDF :1280.4/7

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

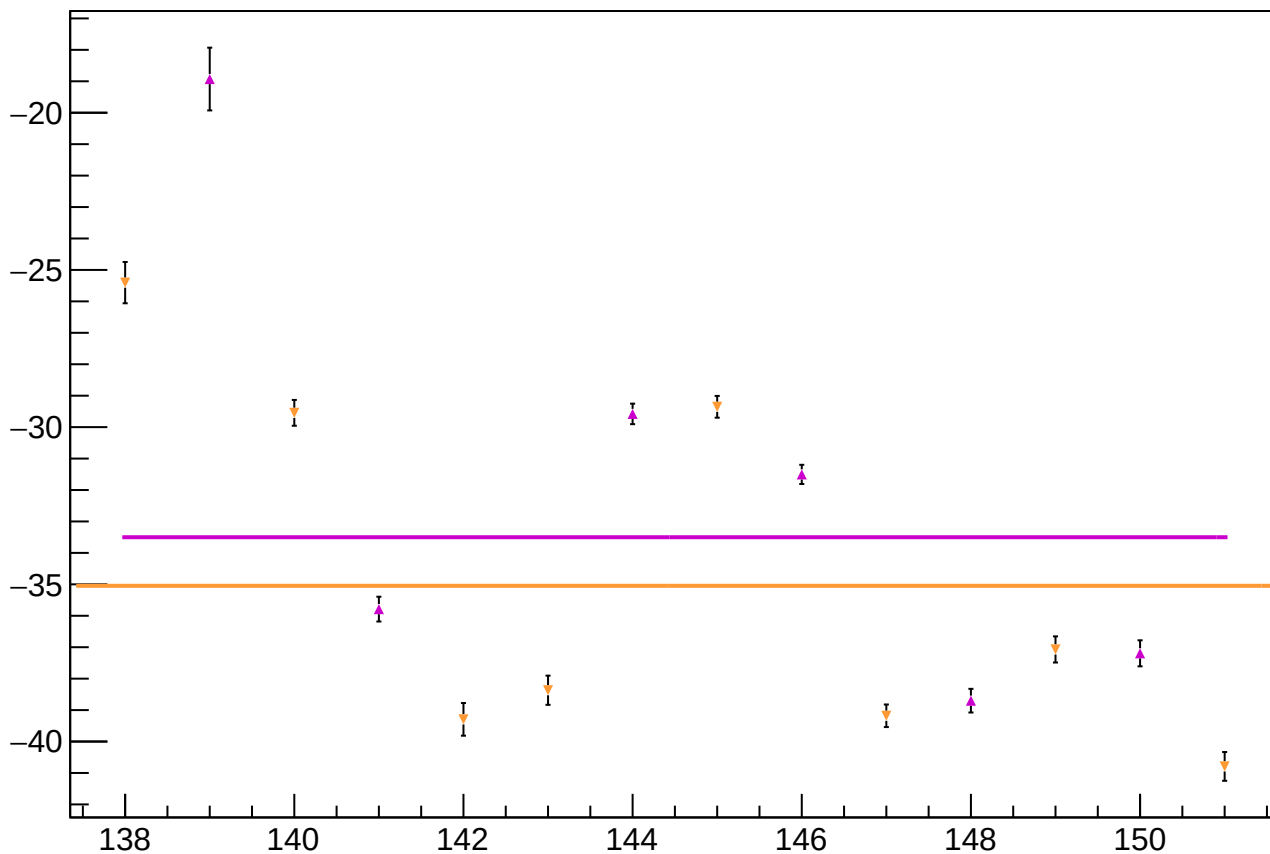
Left In: 40.618+/-0.191 χ^2/NDF :1106.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.512+/-0.133 χ^2/NDF : 2387.2/13

- 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: -35.046+/-0.152 χ^2/NDF : 1097.0/7

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

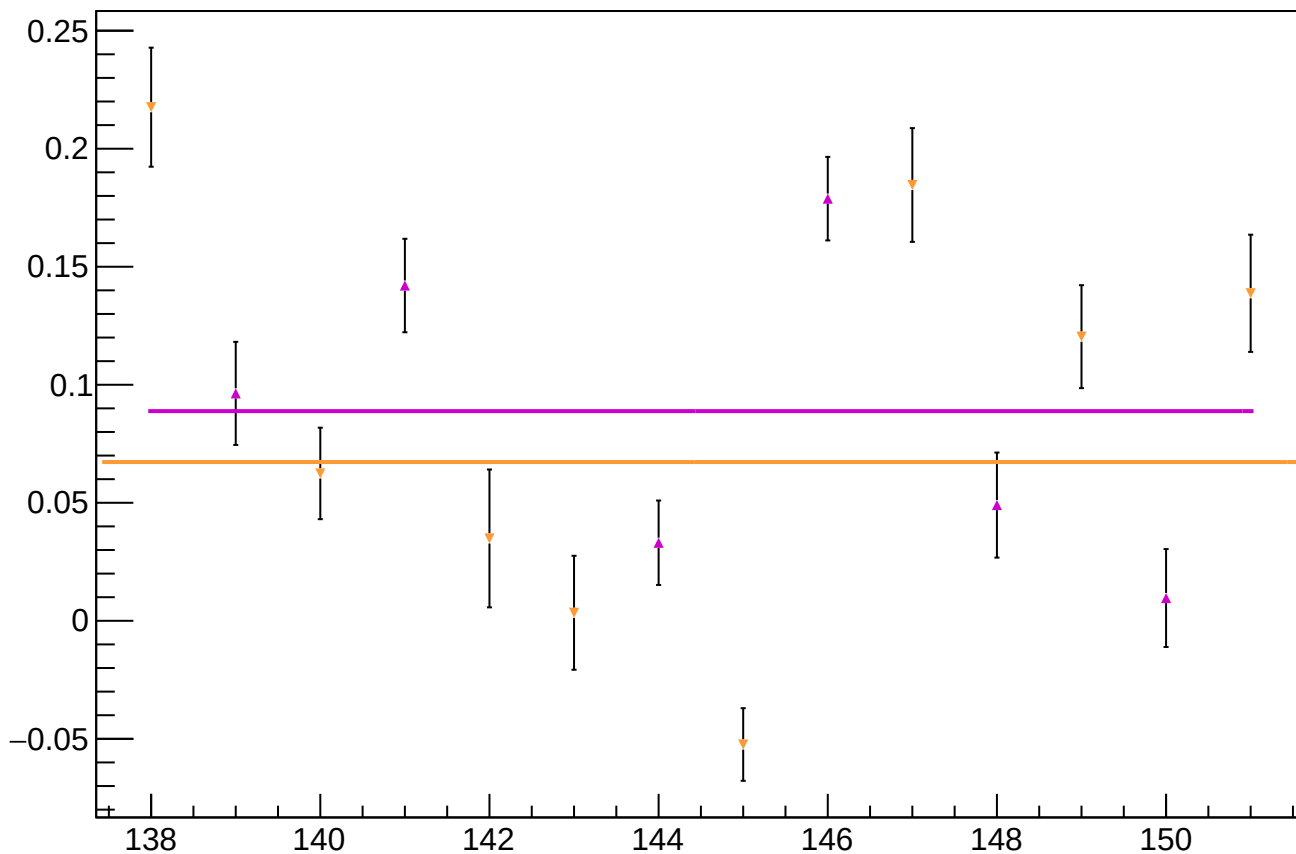
Left In: -33.502+/-0.157 χ^2/NDF : 704.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.300+/-0.109 χ^2/NDF : 1851.3/13

- 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: 0.067 $\pm$ 0.008 χ^2 /NDF:142.3/7

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

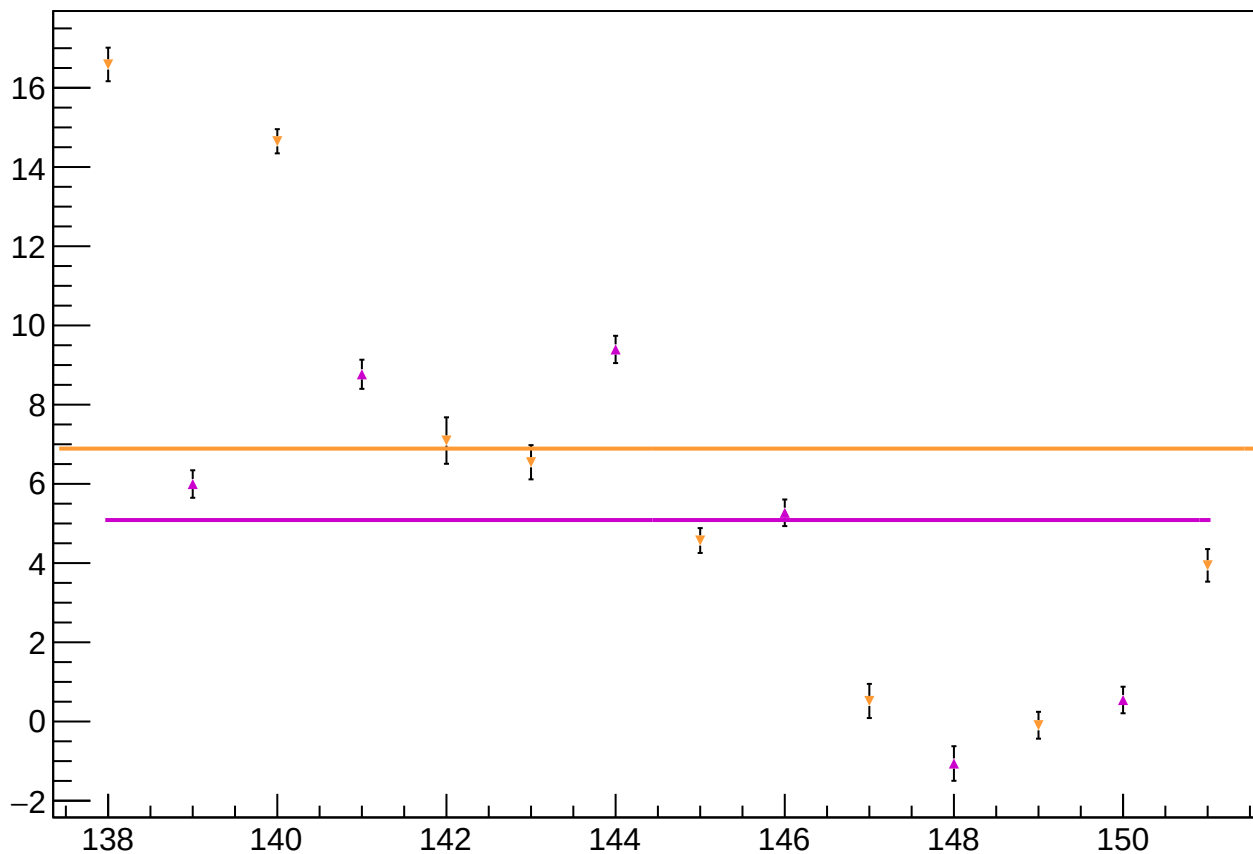
Left In: 0.089 $\pm$ 0.008 χ^2 /NDF:60.7/5

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

All: 0.078 $\pm$ 0.006 χ^2 /NDF: 206.7/13

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

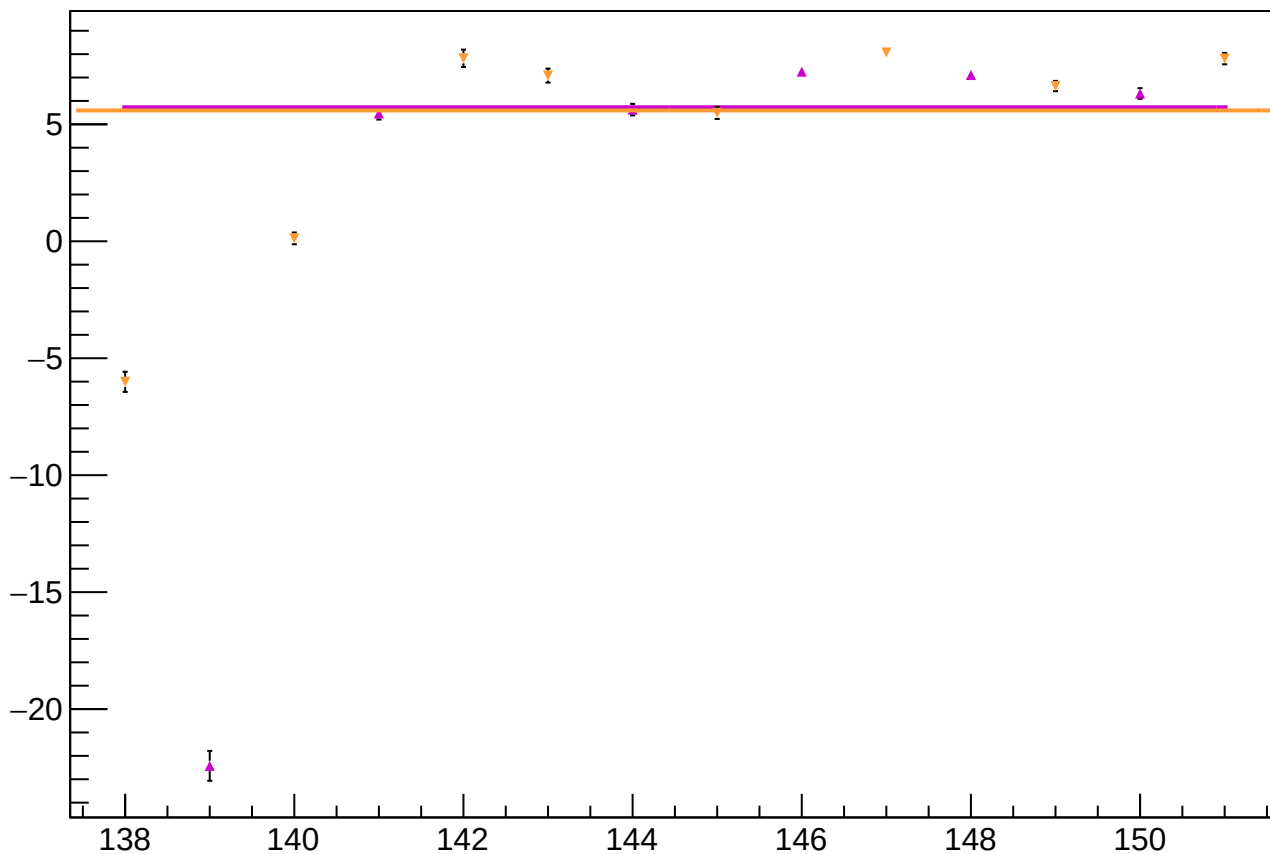
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.890 $\pm$ 0.135 χ^2 /NDF:1919.7/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.087 $\pm$ 0.146 χ^2 /NDF:645.8/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 6.056 $\pm$ 0.099 χ^2 /NDF: 2647.9/13
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

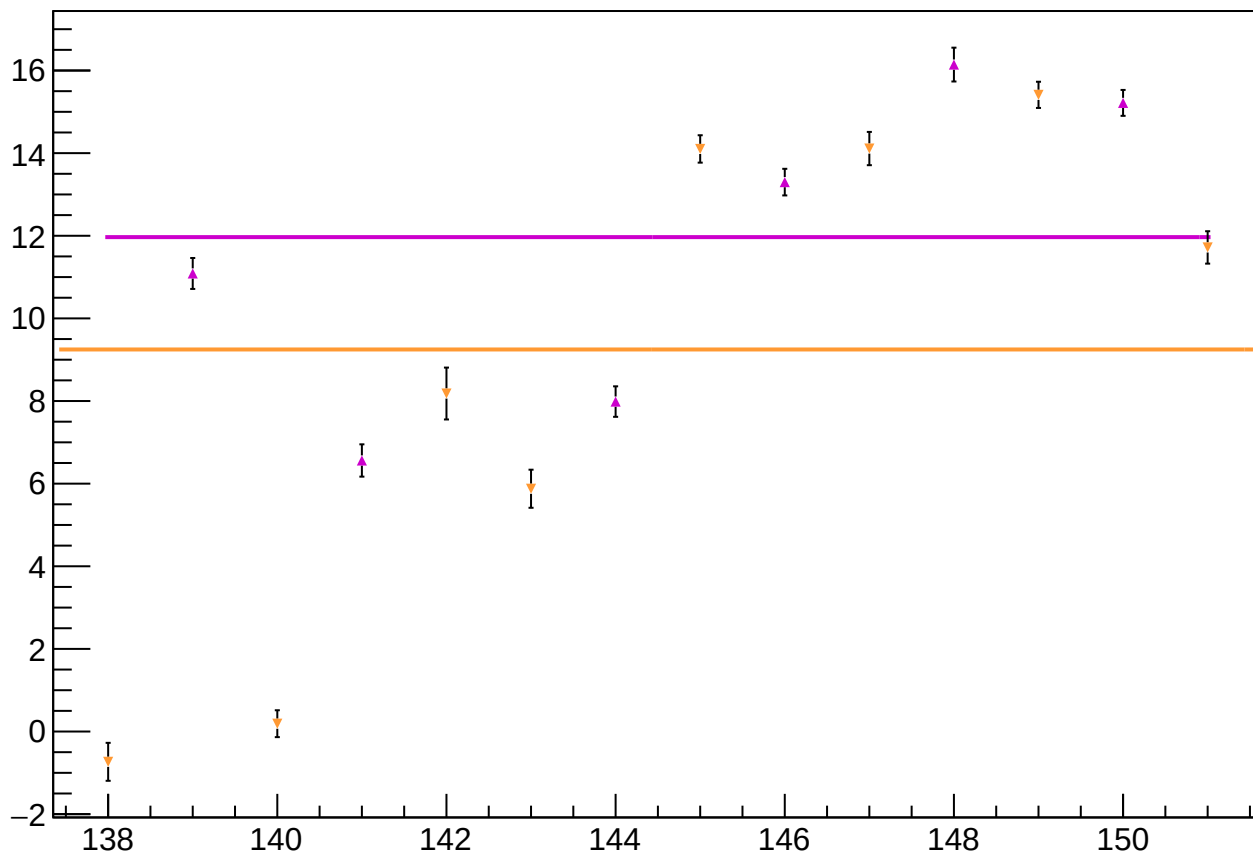
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.594 $\pm$ 0.093 χ^2 /NDF:1500.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.730 $\pm$ 0.102 χ^2 /NDF:2041.5/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.656 $\pm$ 0.069 χ^2 /NDF: 3543.0/13
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

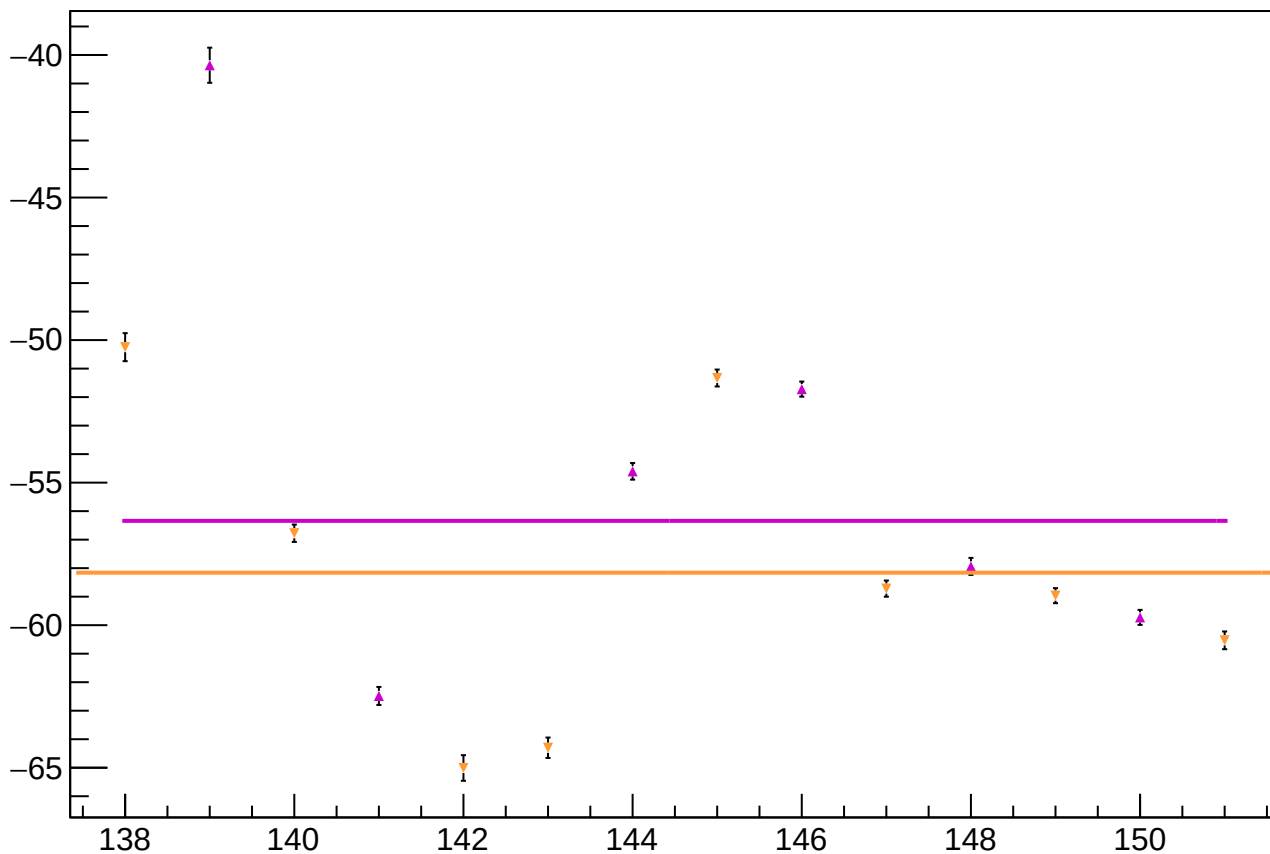
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.248 $\pm$ 0.137 χ^2 /NDF:2081.2/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.967 $\pm$ 0.146 χ^2 /NDF:541.6/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 10.521 $\pm$ 0.100 χ^2 /NDF: 2806.8/13
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -58.159+/-0.115 χ^2/NDF : 1405.9/7

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

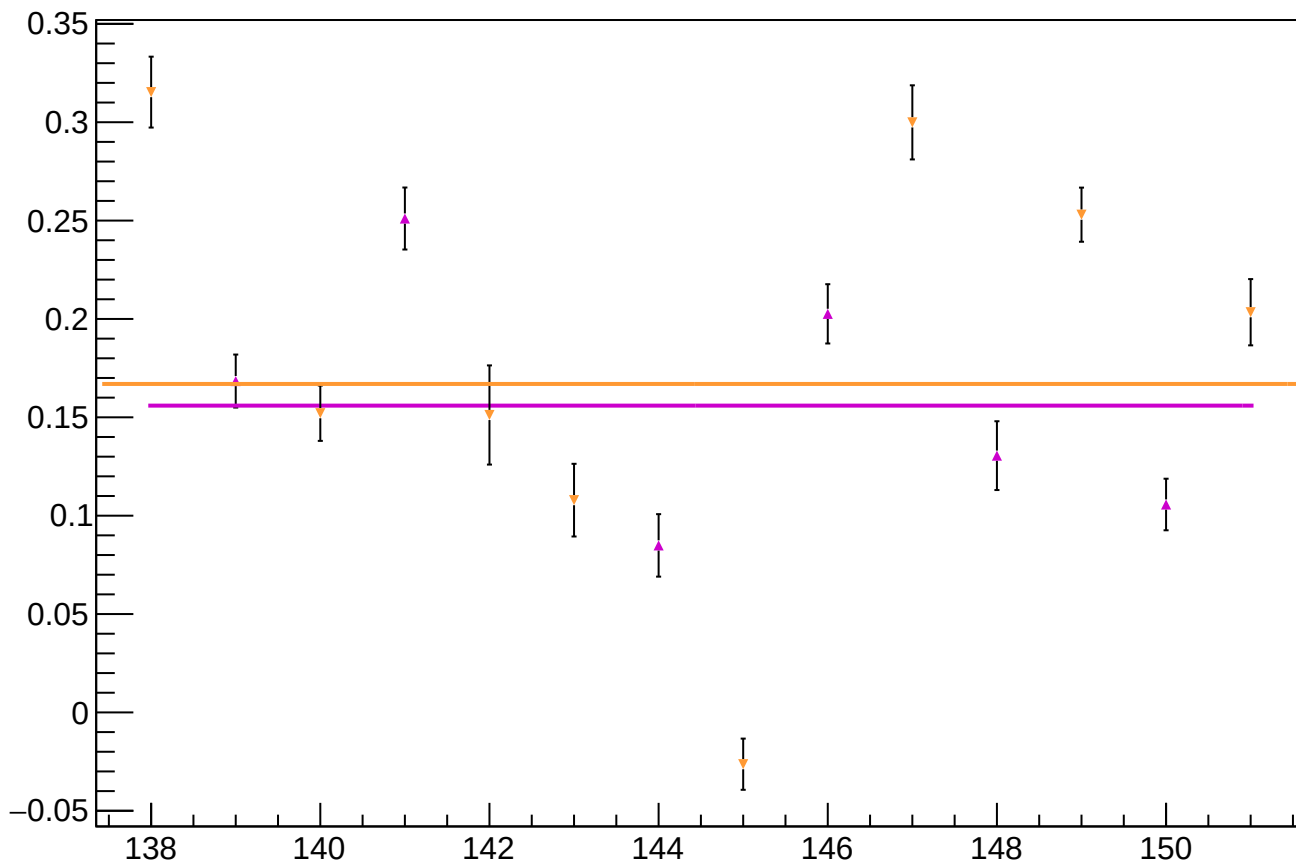
Left In: -56.341+/-0.125 χ^2/NDF : 1583.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.327+/-0.084 χ^2/NDF : 3104.9/13

- 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: 0.167 $\pm$ 0.006 χ^2 /NDF:393.8/7

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

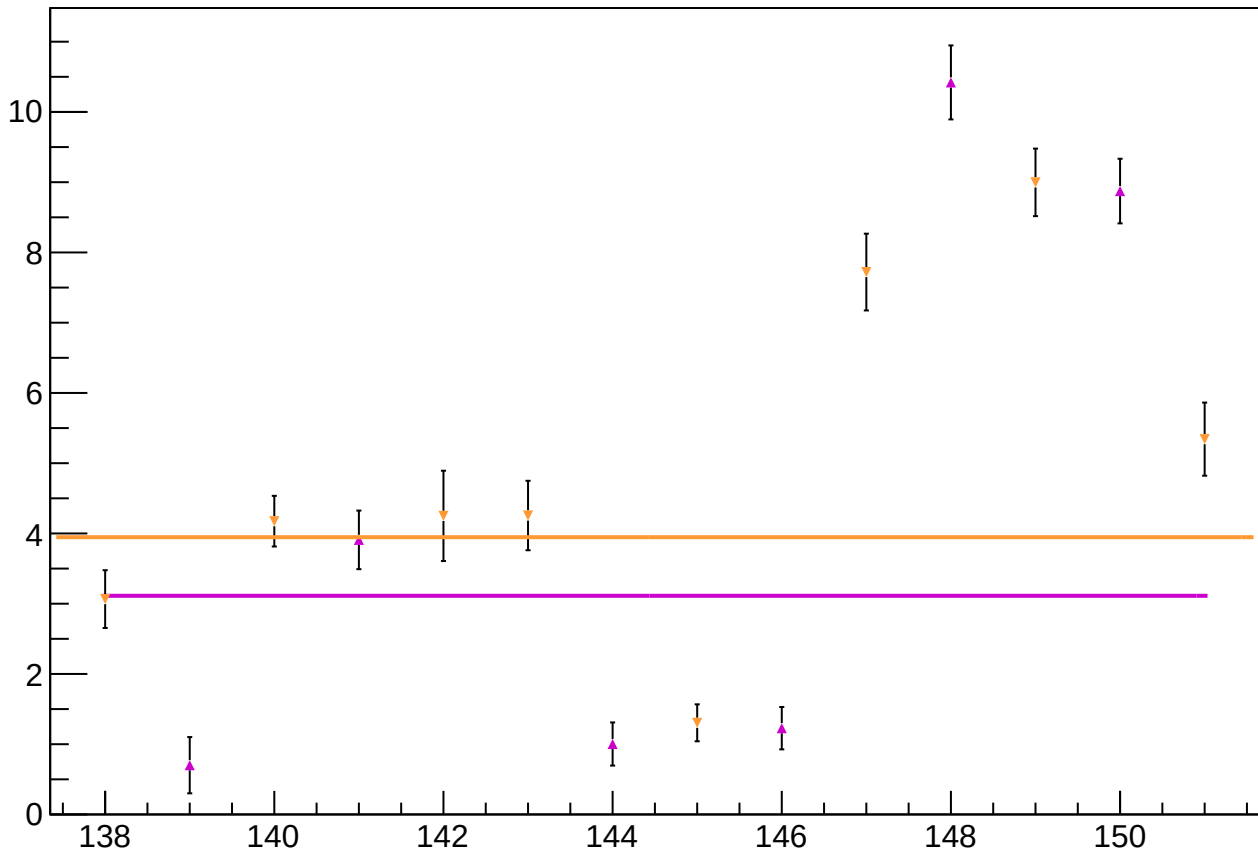
Left In: 0.156 $\pm$ 0.006 χ^2 /NDF:83.7/5

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

All: 0.162 $\pm$ 0.004 χ^2 /NDF: 479.2/13

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

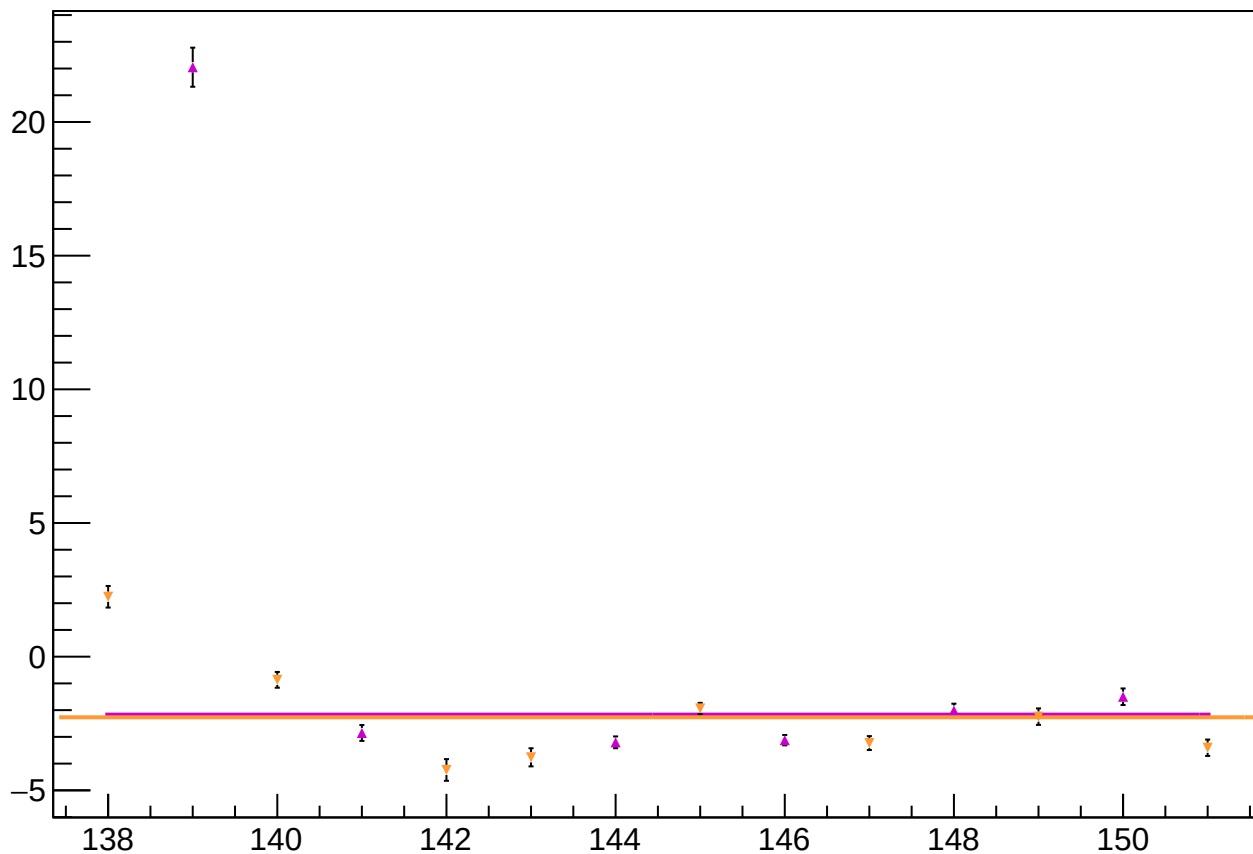
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.947+/-0.148 χ^2/NDF :271.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.113+/-0.154 χ^2/NDF :475.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.549+/-0.107 χ^2/NDF : 762.8/13
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

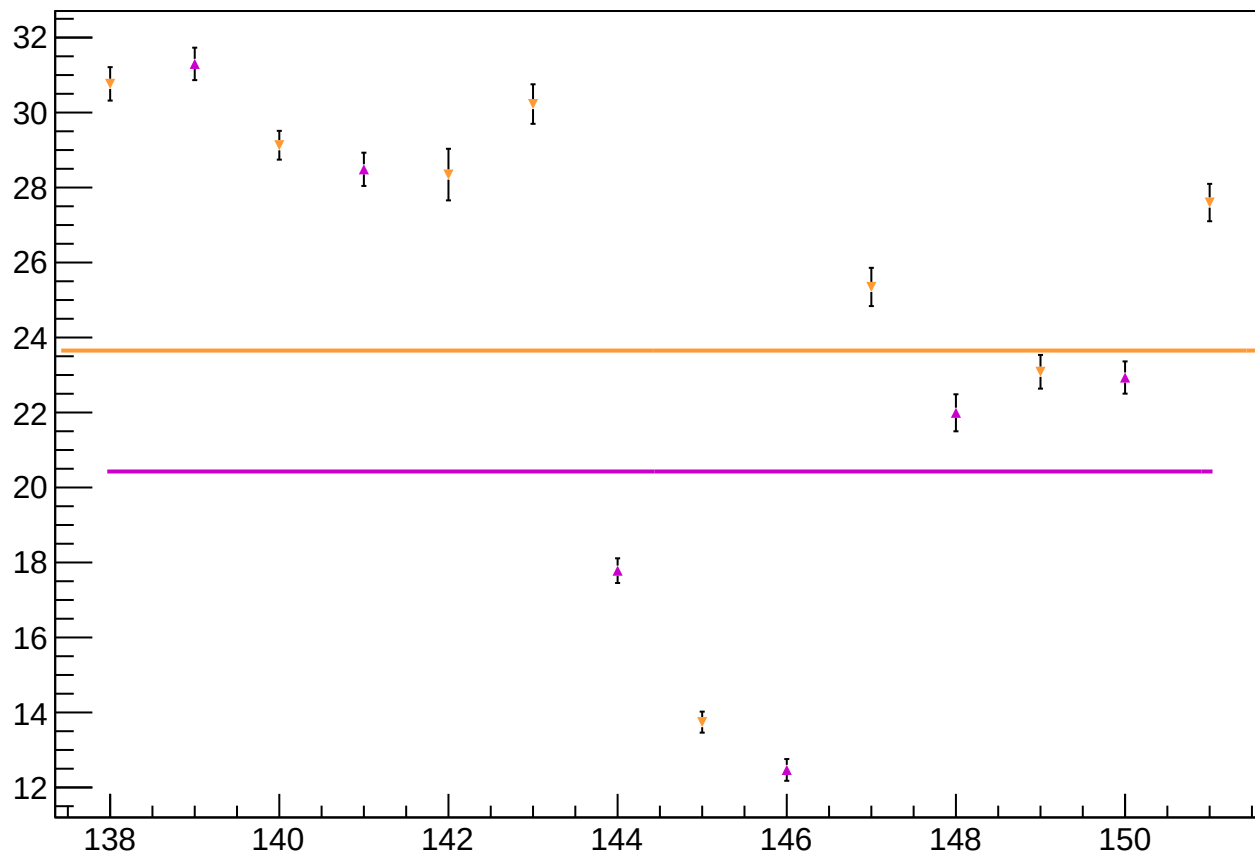
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.268+/-0.105 χ^2/NDF : 220.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.168+/-0.108 χ^2/NDF : 1154.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.219+/-0.075 χ^2/NDF : 1374.6/13
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

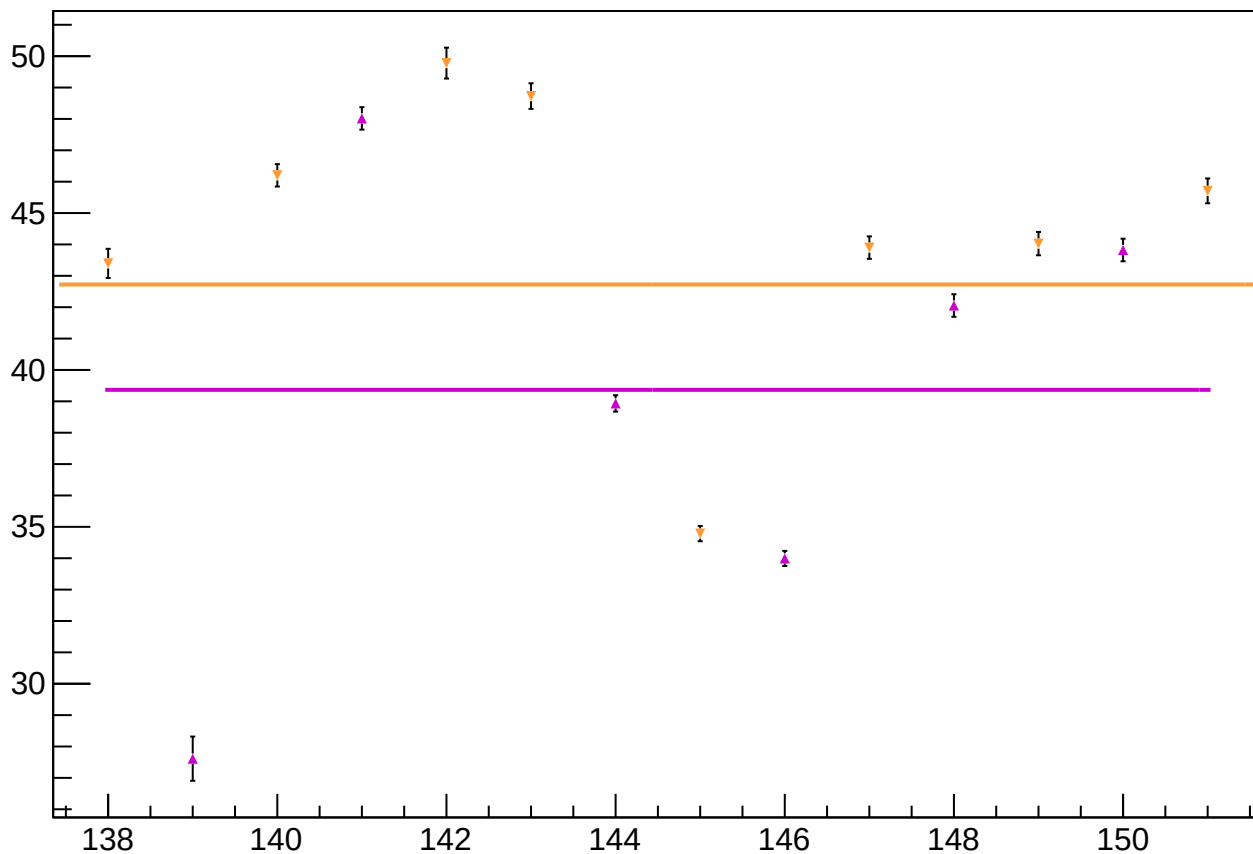
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.652+/-0.152 χ^2/NDF :1984.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.427+/-0.156 χ^2/NDF :1822.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 22.078+/-0.109 χ^2/NDF : 4026.4/13
 - 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: 42.723+/-0.128 χ^2/NDF :1658.4/7

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

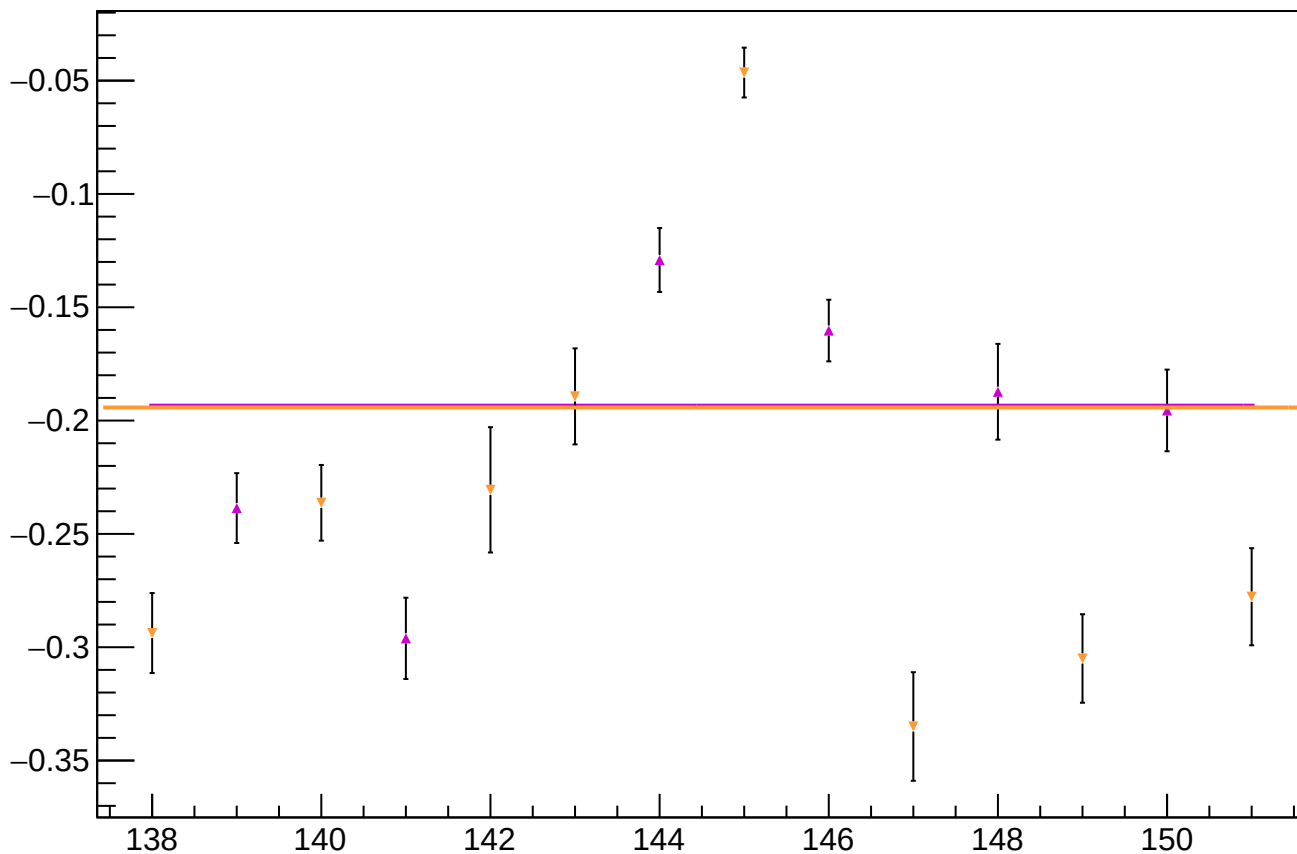
Left In: 39.366+/-0.132 χ^2/NDF :1574.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.096+/-0.092 χ^2/NDF : 3565.8/13

- 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: -0.194+/-0.006 χ^2/NDF : 302.8/7

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

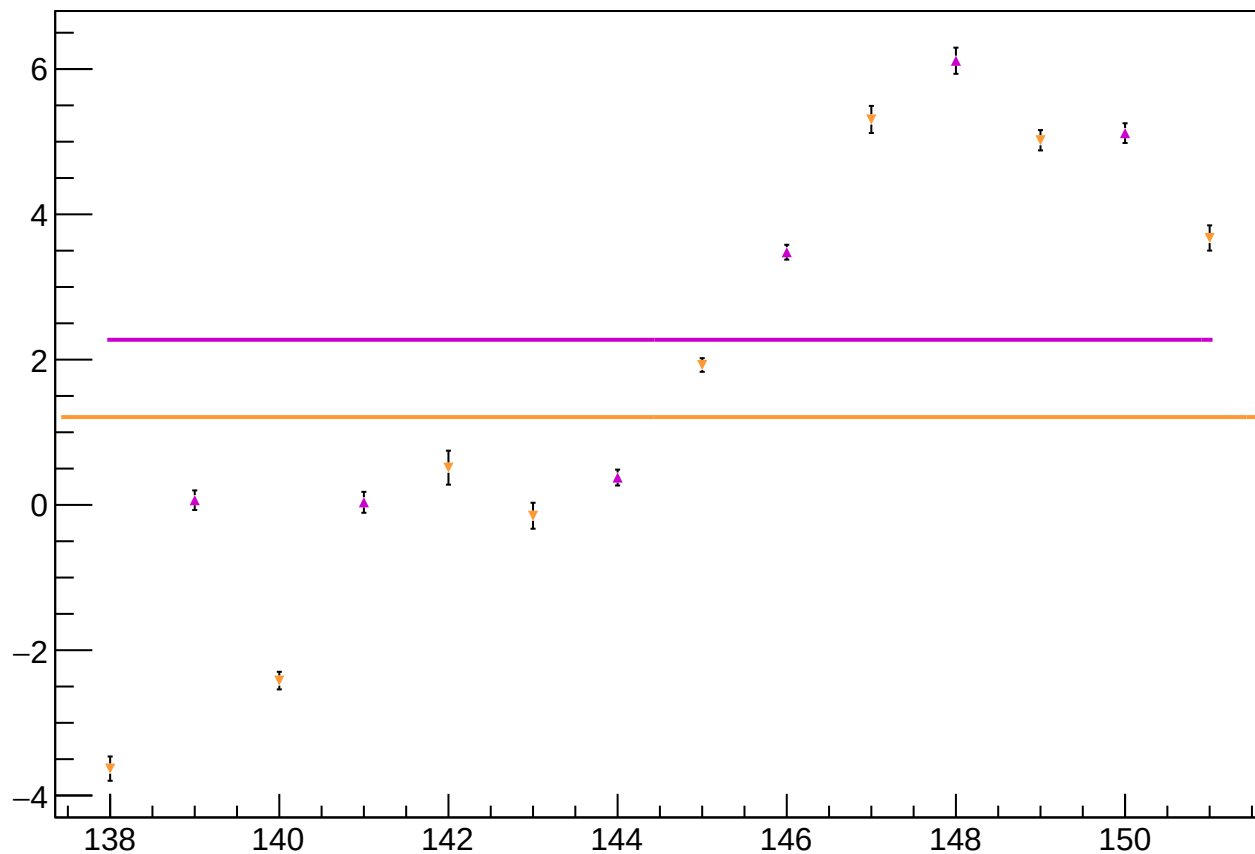
Left In: -0.193+/-0.007 χ^2/NDF : 68.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.194+/-0.005 χ^2/NDF : 371.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

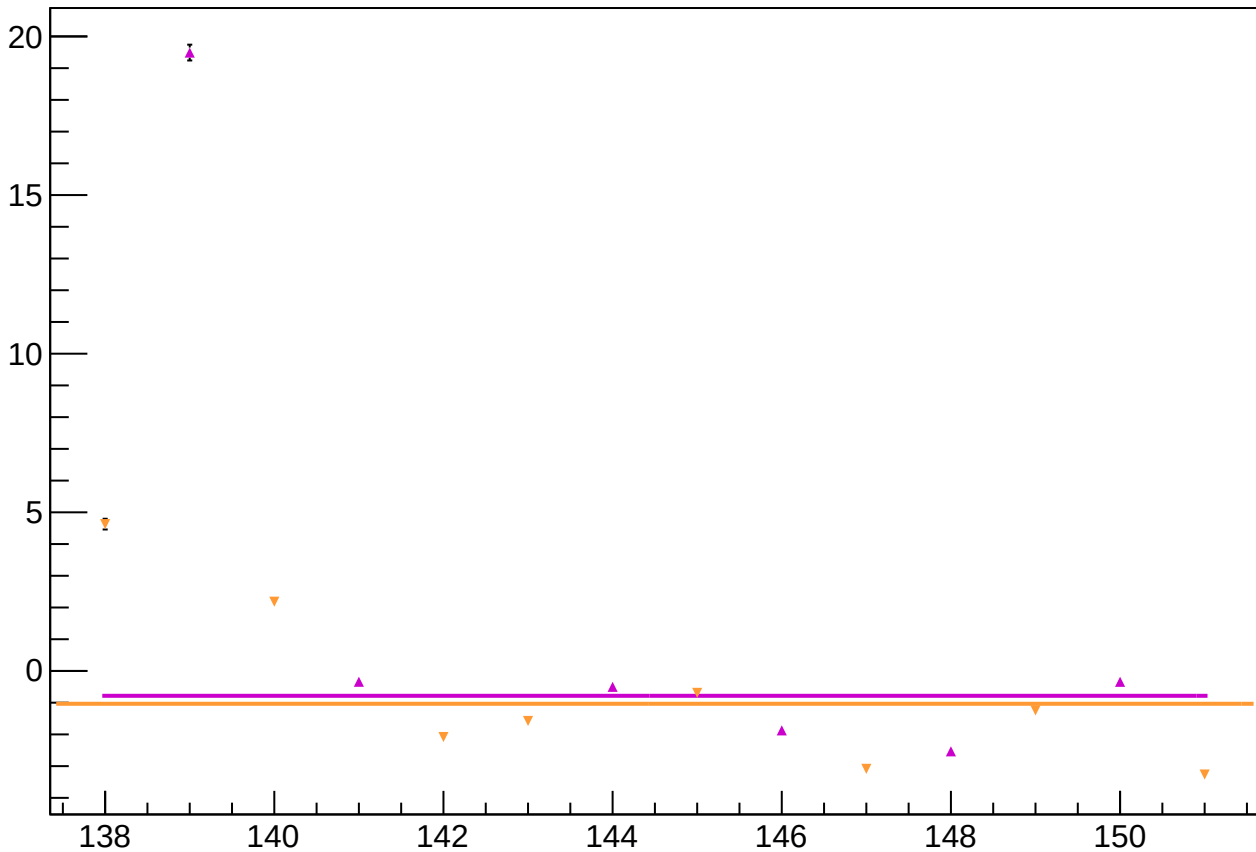
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.209+/-0.051 χ^2/NDF : 3281.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.273+/-0.052 χ^2/NDF : 1842.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.733+/-0.037 χ^2/NDF : 5334.8/13
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

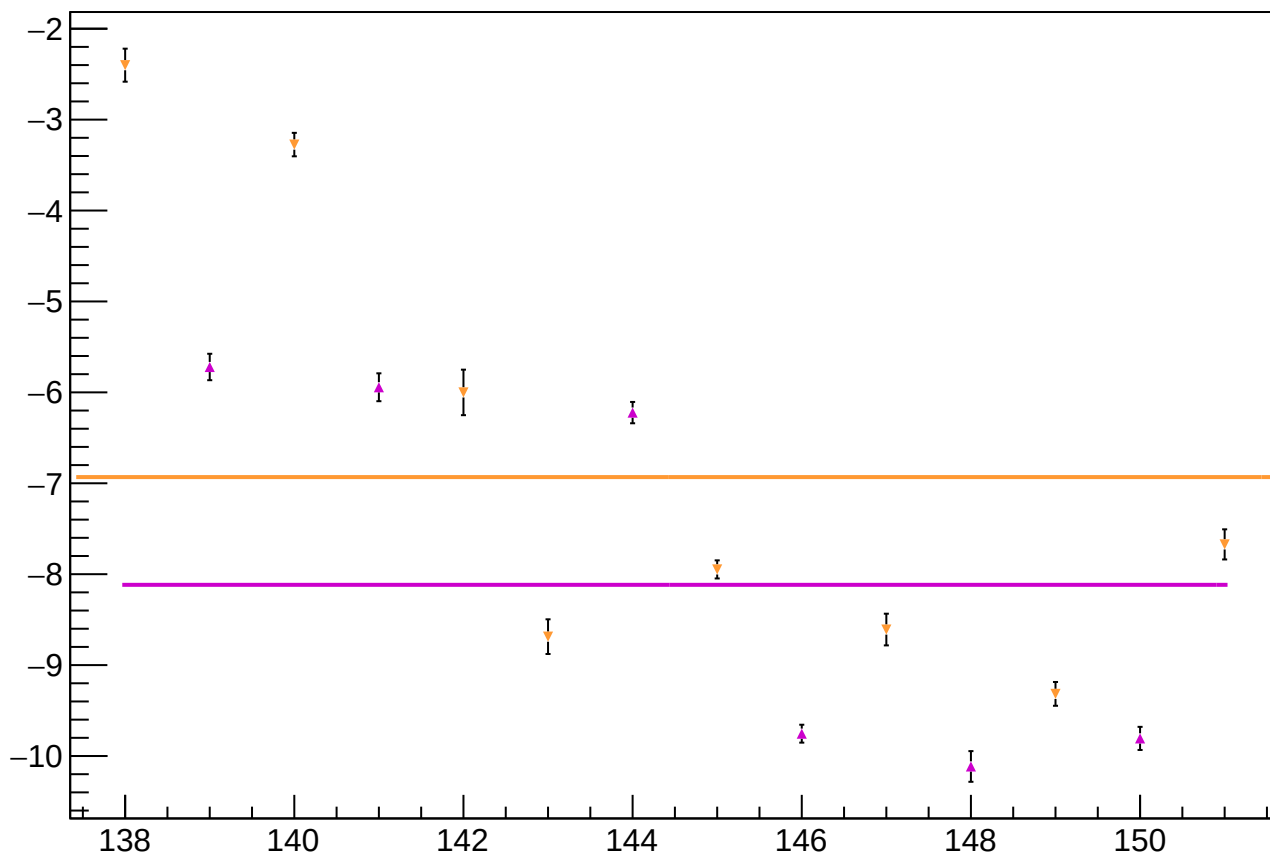
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.034+/-0.036 χ^2/NDF : 3244.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.783+/-0.037 χ^2/NDF : 7327.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.910+/-0.026 χ^2/NDF : 10595.3/13
 - 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: -6.932+/-0.053 χ^2/NDF : 2072.5/7

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

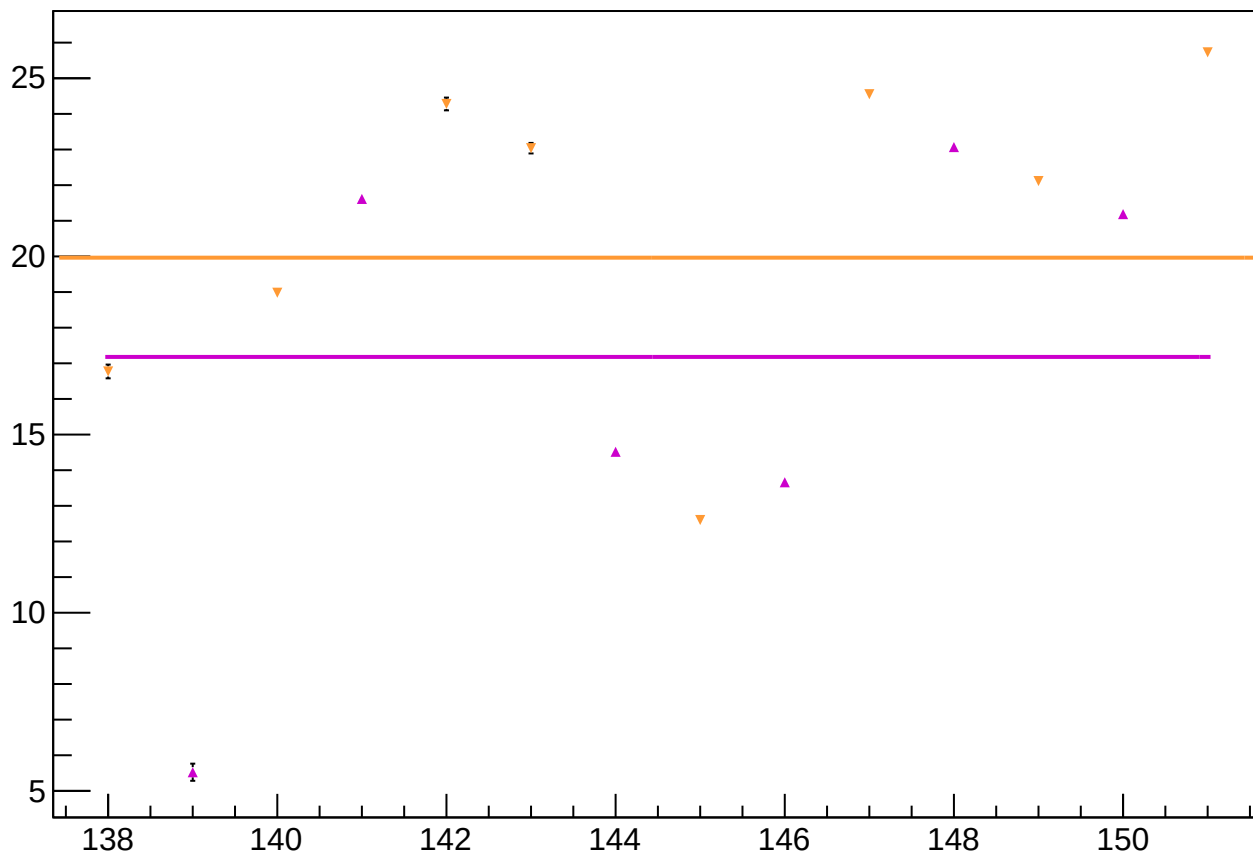
Left In: -8.117+/-0.053 χ^2/NDF : 1326.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.525+/-0.037 χ^2/NDF : 3653.8/13

- 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: 19.965+/-0.044 χ^2/NDF :12029.7/7

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

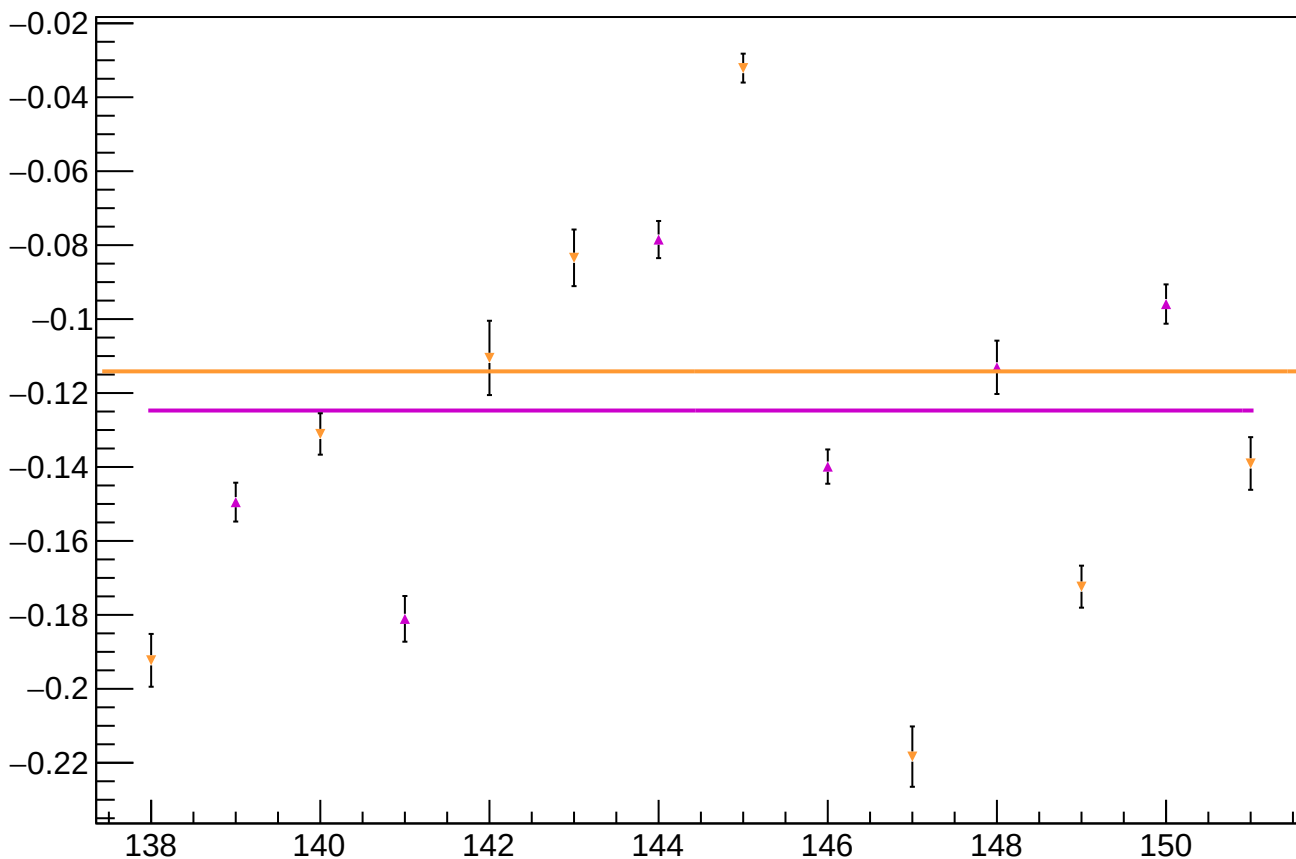
Left In: 17.179+/-0.045 χ^2/NDF :9974.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.586+/-0.031 χ^2/NDF : 23962.0/13

- 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: -0.114+/-0.002 χ^2/NDF : 865.8/7

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

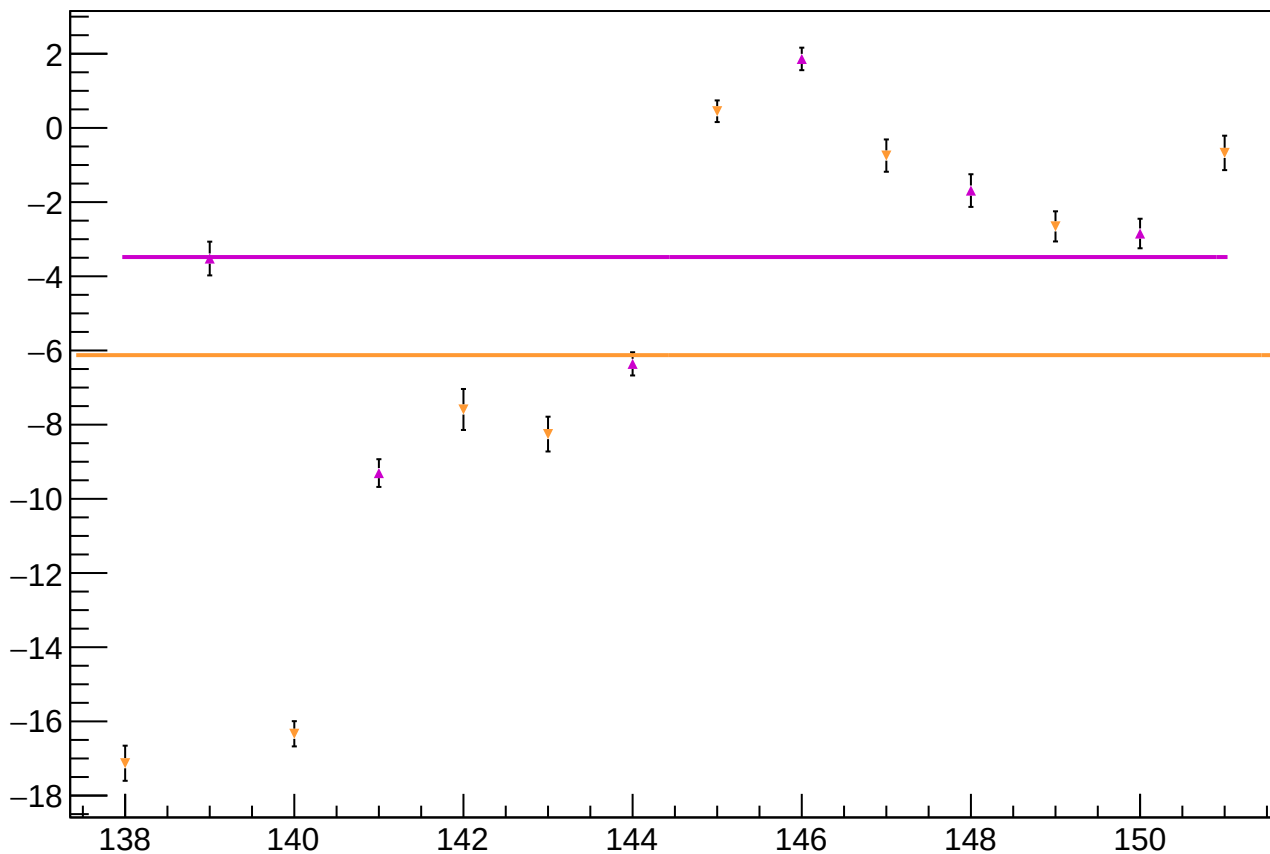
Left In: -0.125+/-0.002 χ^2/NDF : 232.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.119+/-0.002 χ^2/NDF : 1110.2/13

- 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: -6.126+/-0.143 χ^2/NDF : 2339.6/7

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

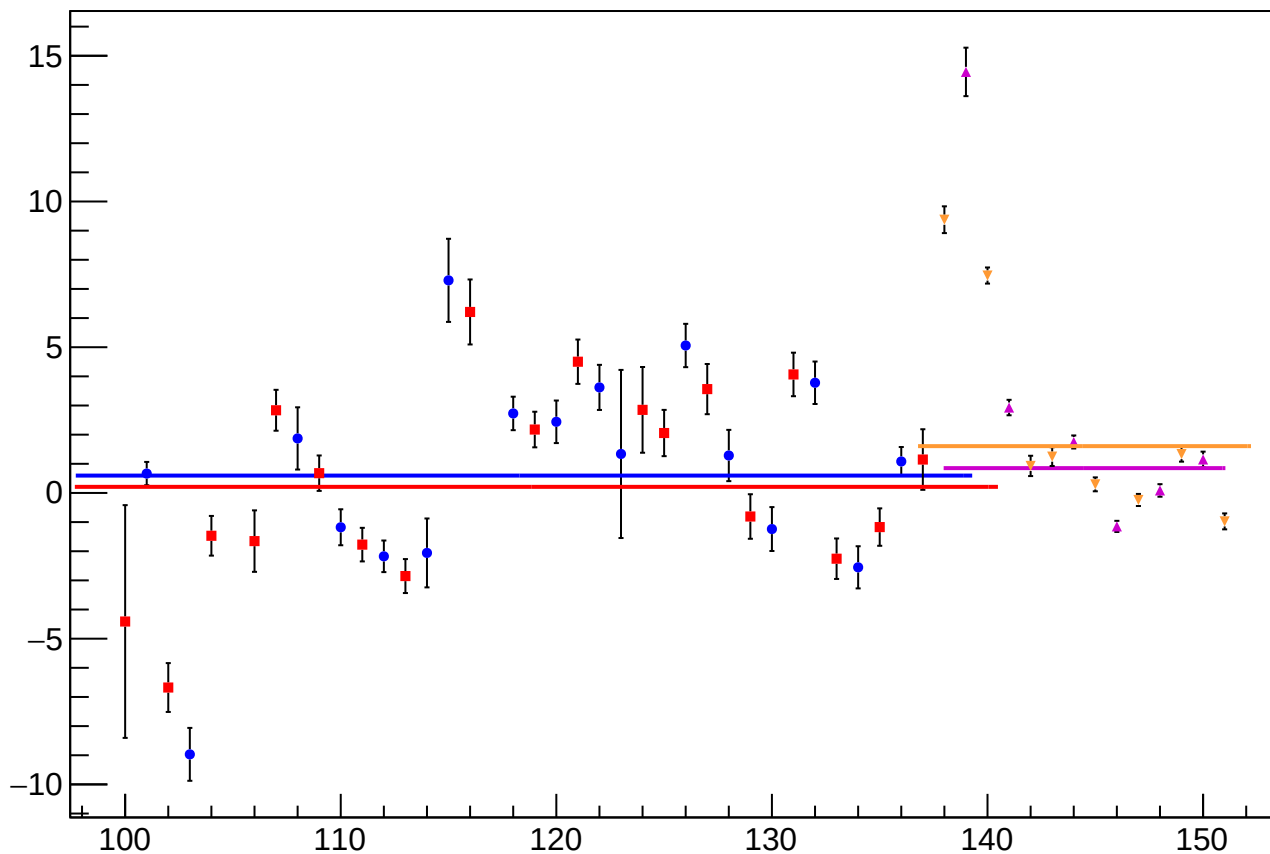
Left In: -3.481+/-0.150 χ^2/NDF : 656.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.862+/-0.104 χ^2/NDF : 3158.6/13

- 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 ± 0.098 χ^2/NDF : 939.6/7

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

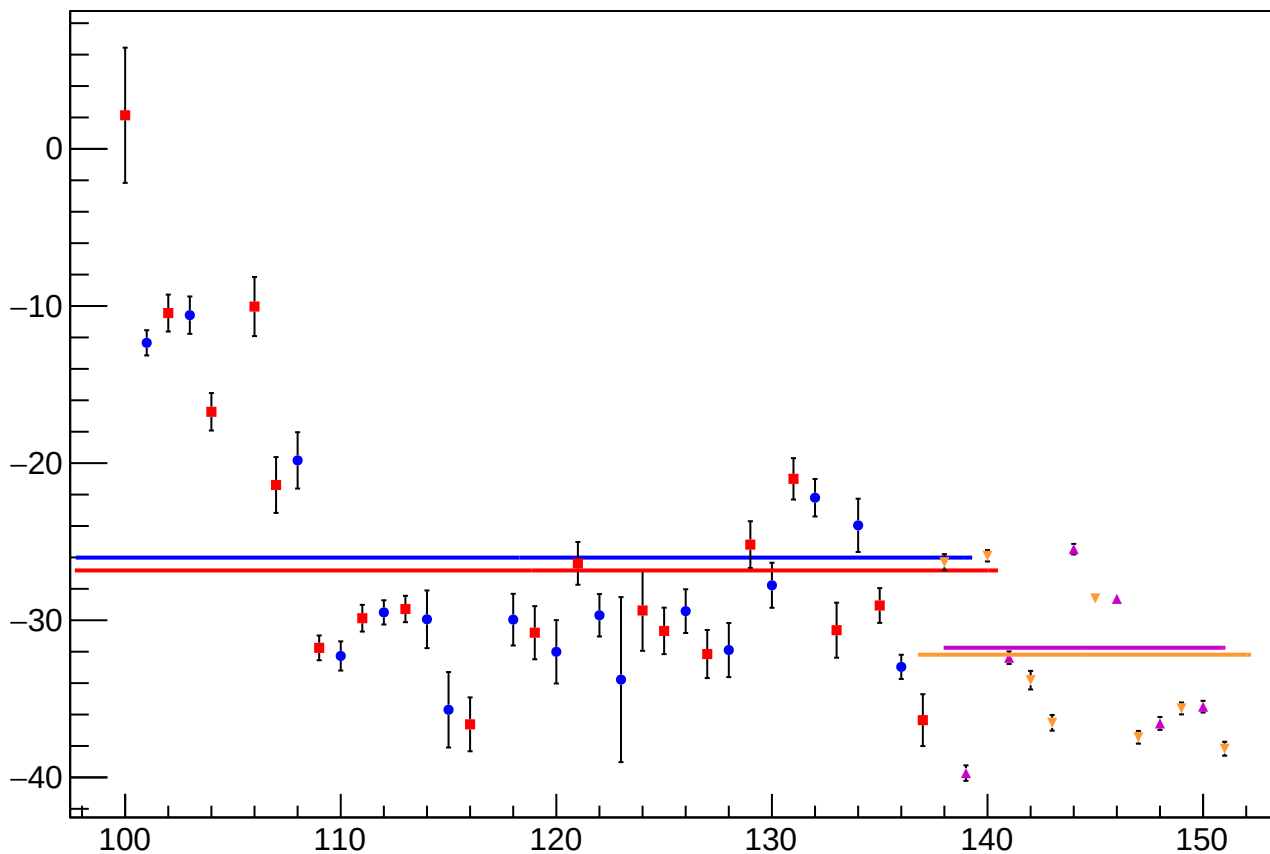
Left In: 0.852 ± 0.101 χ^2/NDF : 468.3/5

+ sign 1.353 ± 0.085 χ^2/NDF : 1257.5/24

All: 1.032 ± 0.061 χ^2/NDF : 2039.1/49

- sign 0.691 ± 0.087 χ^2/NDF : 752.0/24

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.190 ± 0.146 χ^2/NDF : 1079.8/7

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

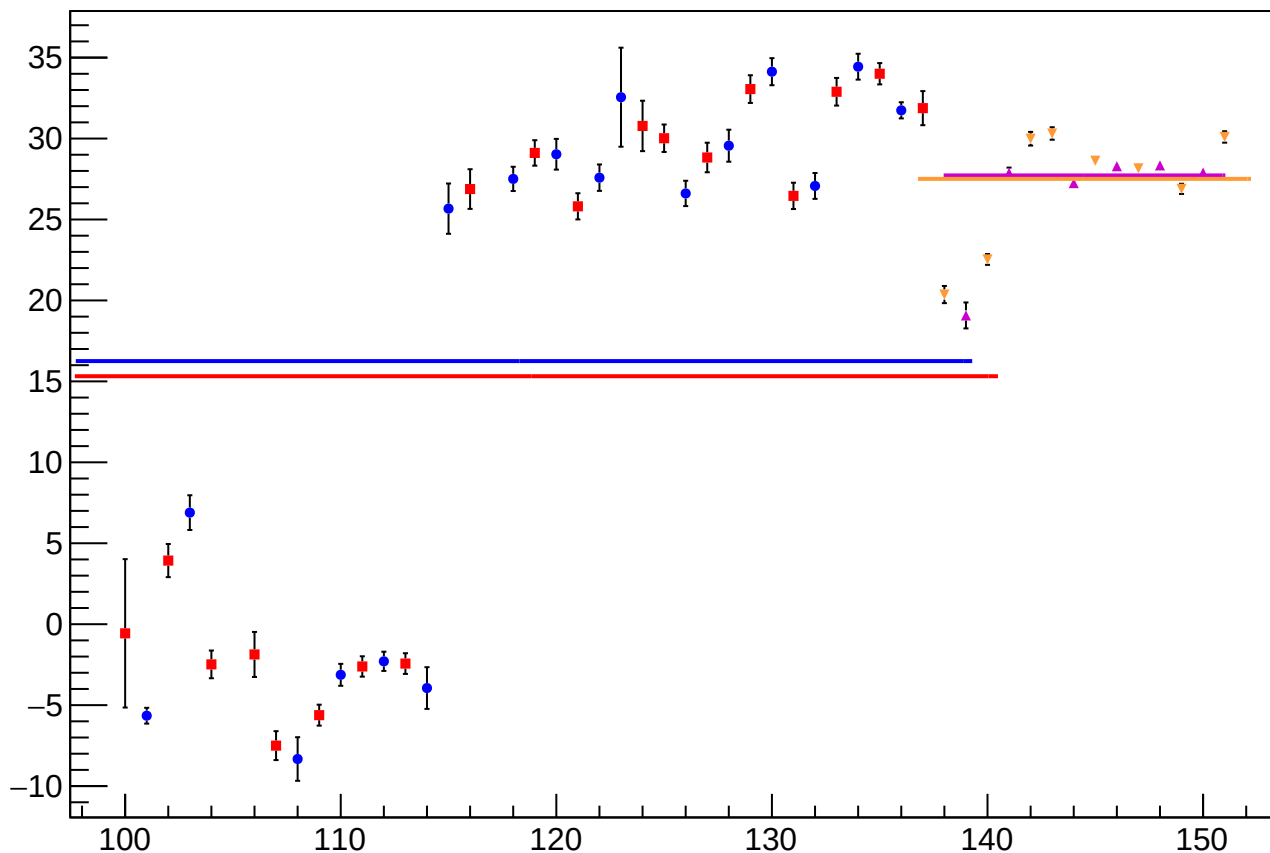
Left In: -31.748 ± 0.150 χ^2/NDF : 967.8/5

+ sign -31.001 ± 0.131 χ^2/NDF : 2116.2/24

All: -30.877 ± 0.094 χ^2/NDF : 3885.2/49

- sign -30.747 ± 0.134 χ^2/NDF : 1767.1/24

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: 27.510 $\pm$ 0.121 χ^2 /NDF: 570.2/7

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

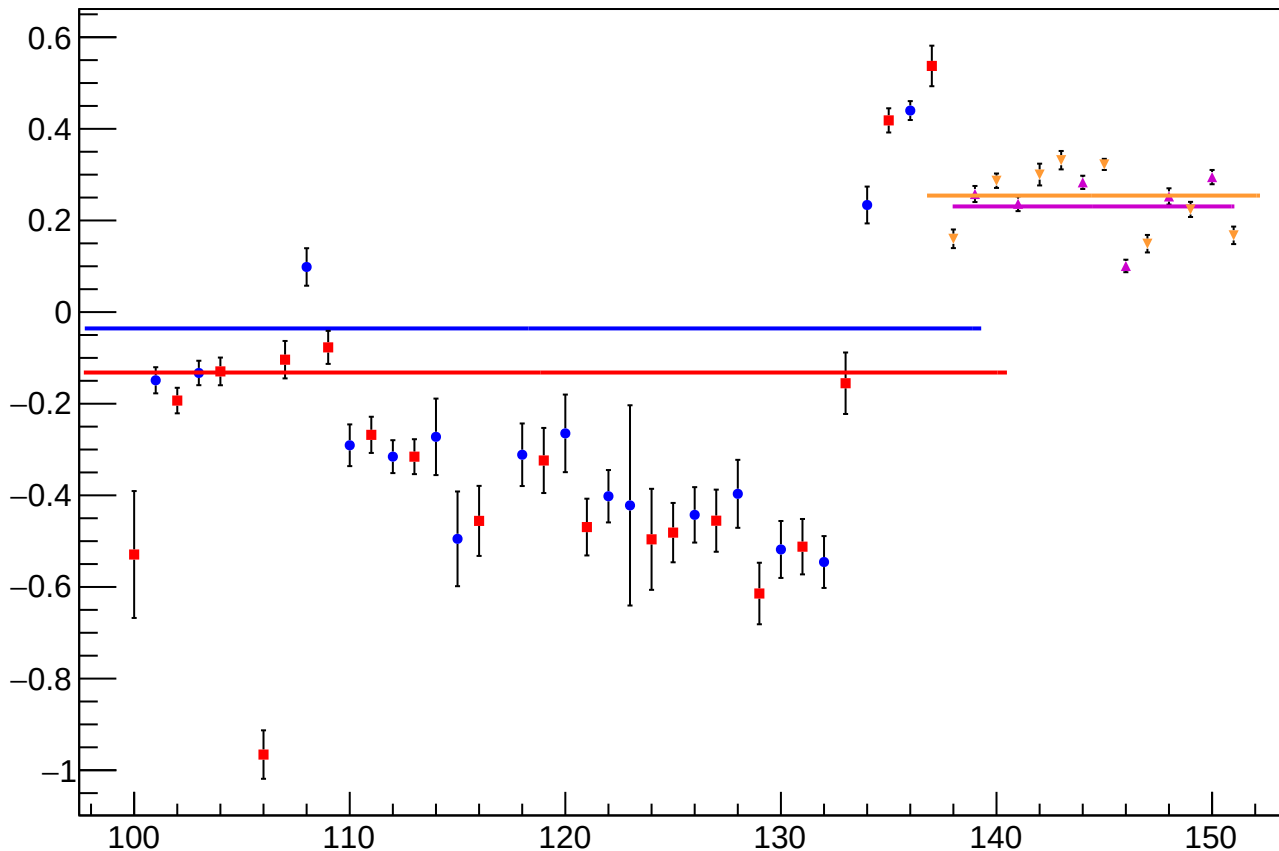
Left In: 27.722 $\pm$ 0.124 χ^2 /NDF: 130.2/5

+ sign 24.294 $\pm$ 0.102 χ^2 /NDF: 10662.0/24

All: 24.240 $\pm$ 0.073 χ^2 /NDF: 20906.7/49

- sign 24.183 $\pm$ 0.105 χ^2 /NDF: 10244.1/24

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.254 ± 0.006 χ^2/NDF : 129.9/7

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

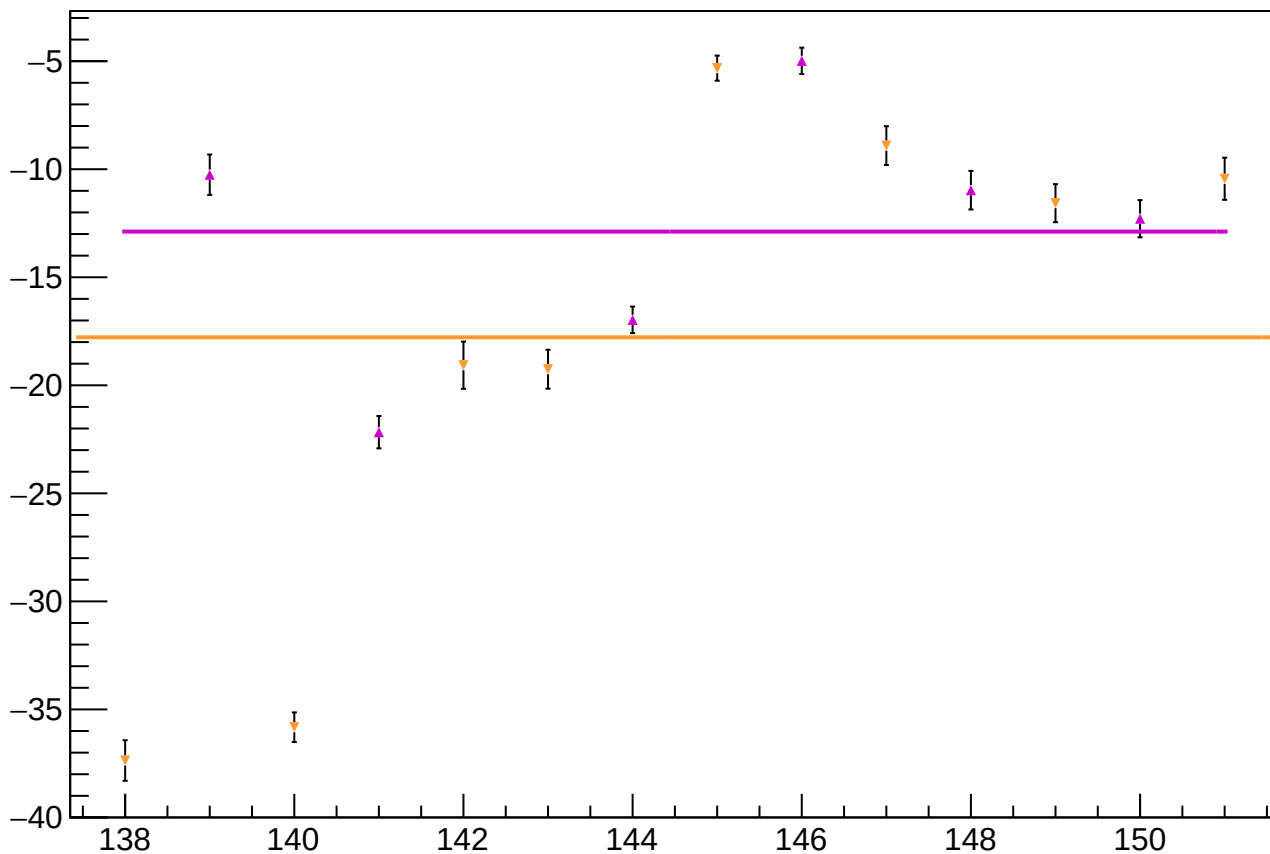
Left In: 0.231 ± 0.006 χ^2/NDF : 124.5/5

+ sign 0.179 ± 0.005 χ^2/NDF : 1728.9/24

All: 0.156 ± 0.004 χ^2/NDF : 3952.5/49

- sign 0.131 ± 0.005 χ^2/NDF : 2183.7/24

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.778+/-0.290 χ^2/NDF :1796.0/7

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

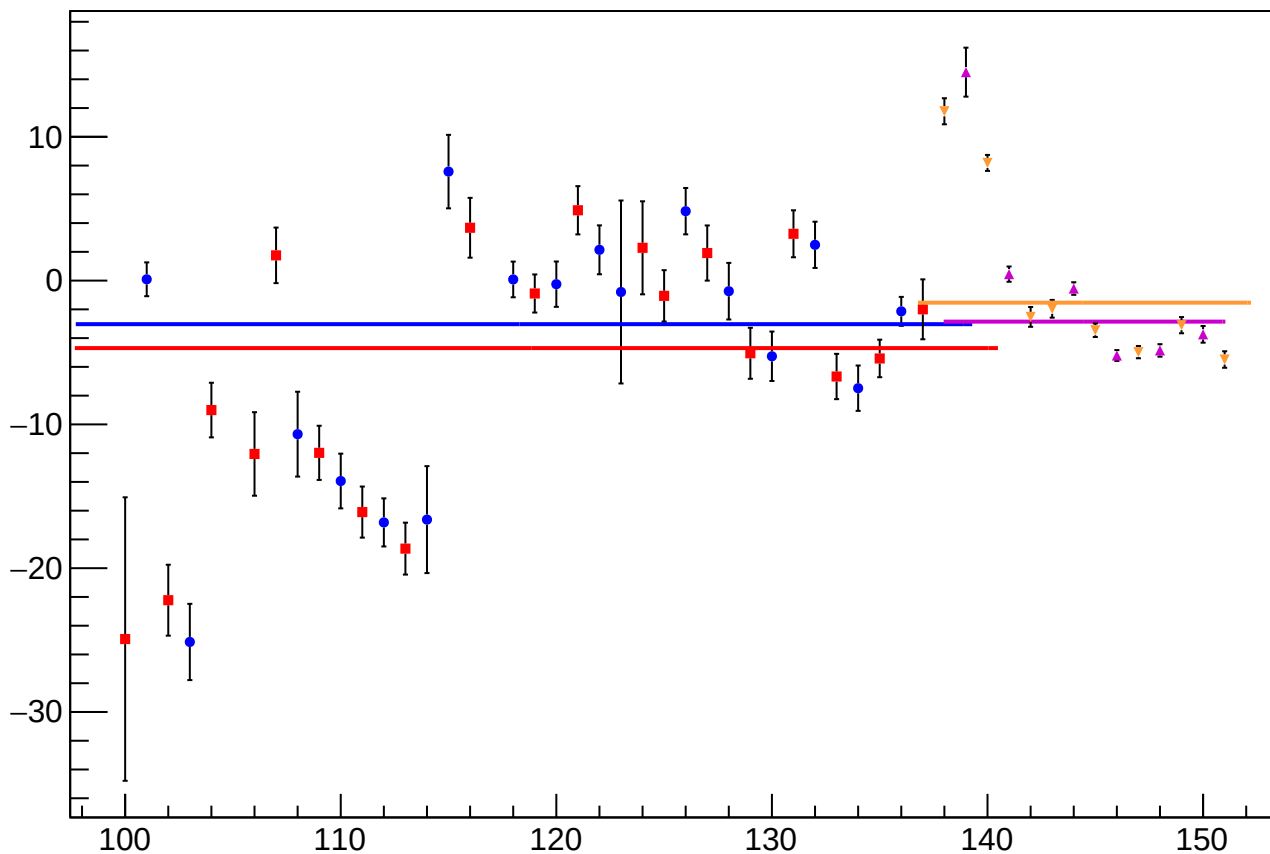
Left In: -12.886+/-0.303 χ^2/NDF :378.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.439+/-0.210 χ^2/NDF : 2310.4/13

- 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: -1.534 ± 0.199 χ^2/NDF : 661.4/7

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

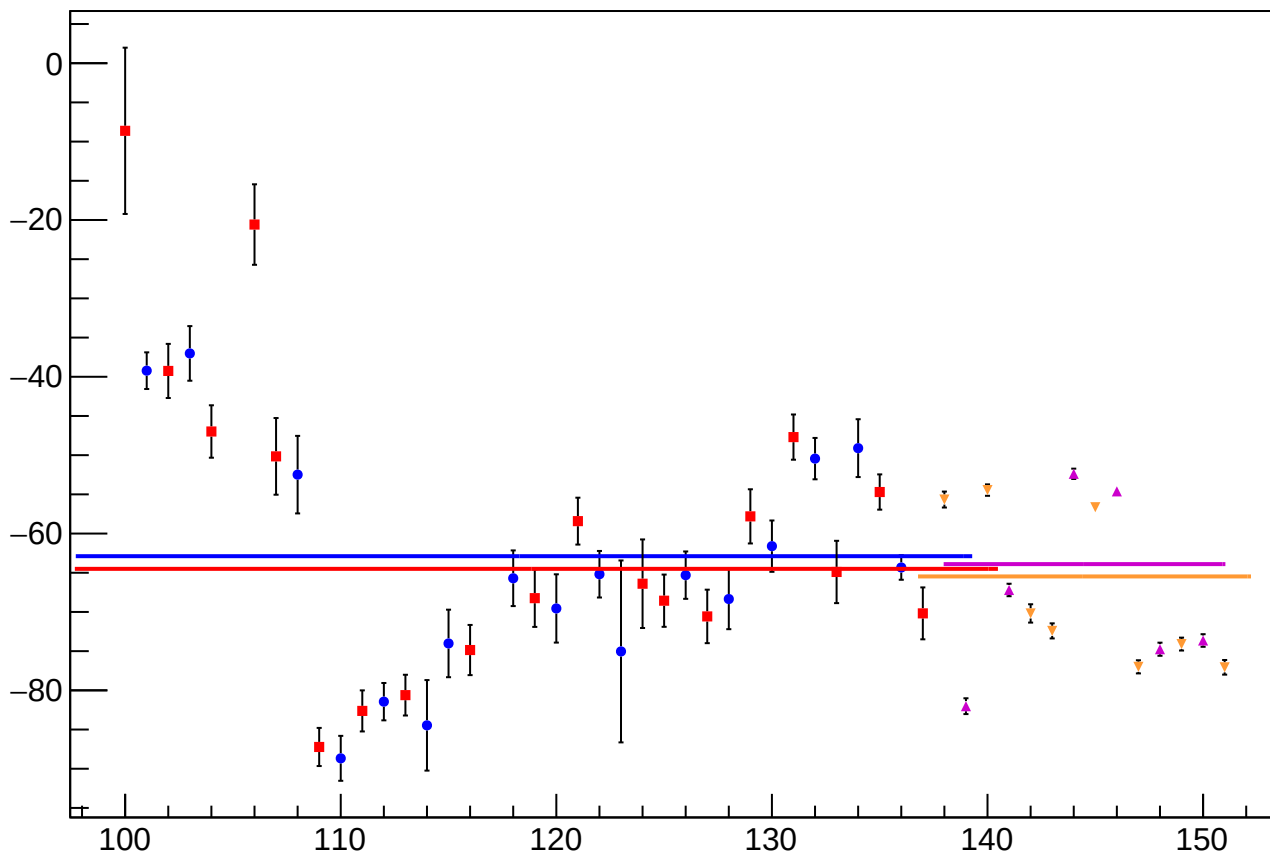
Left In: -2.853 ± 0.202 χ^2/NDF : 232.8/5

+ sign -1.821 ± 0.178 χ^2/NDF : 953.1/24

All: -2.489 ± 0.128 χ^2/NDF : 1528.2/49

- sign -3.191 ± 0.183 χ^2/NDF : 546.3/24

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -65.471 ± 0.297 χ^2/NDF : 1047.5/7

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

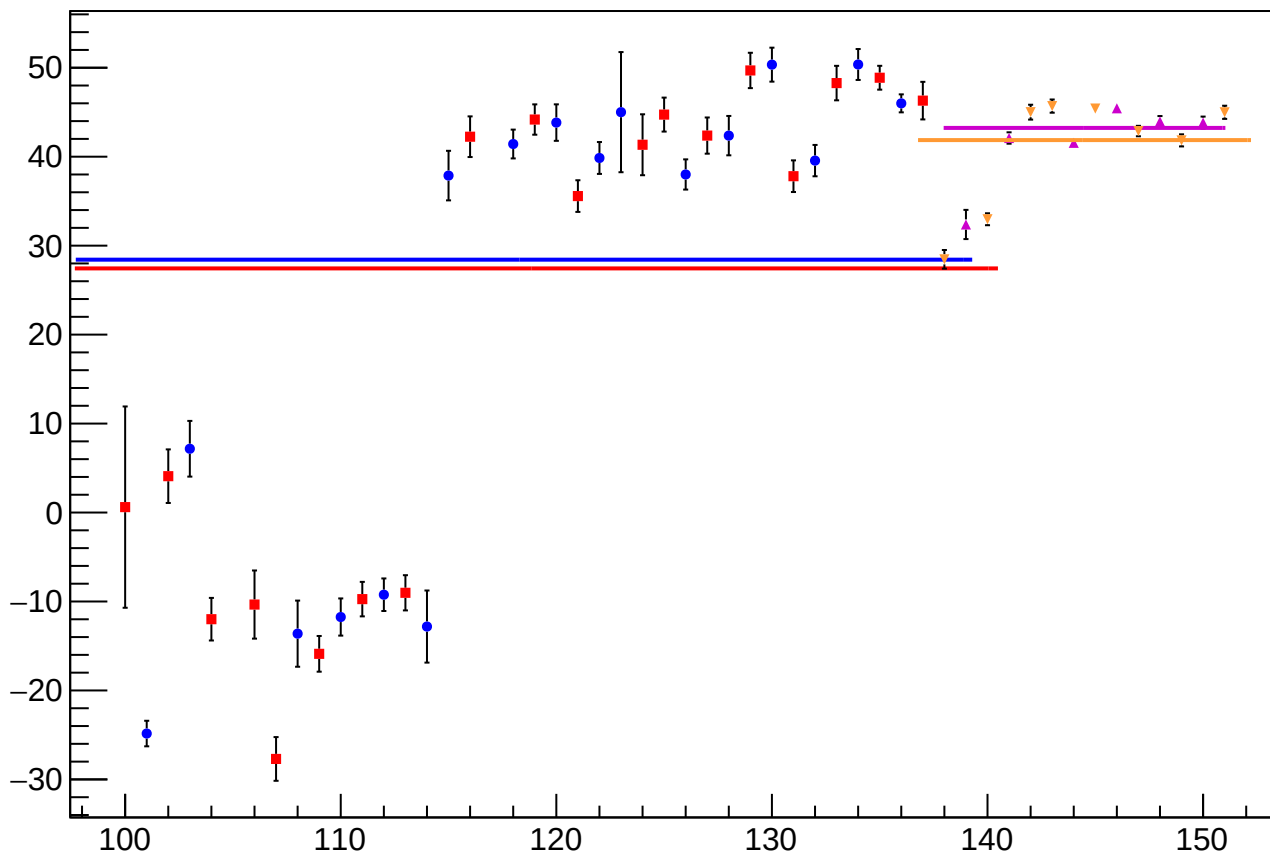
Left In: -63.897 ± 0.305 χ^2/NDF : 1212.0/5

+ sign -65.110 ± 0.276 χ^2/NDF : 1426.8/24

All: -64.561 ± 0.197 χ^2/NDF : 3091.6/49

- sign -63.983 ± 0.283 χ^2/NDF : 1656.6/24

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: 41.866 $\pm$ 0.245 χ^2 /NDF: 442.8/7

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

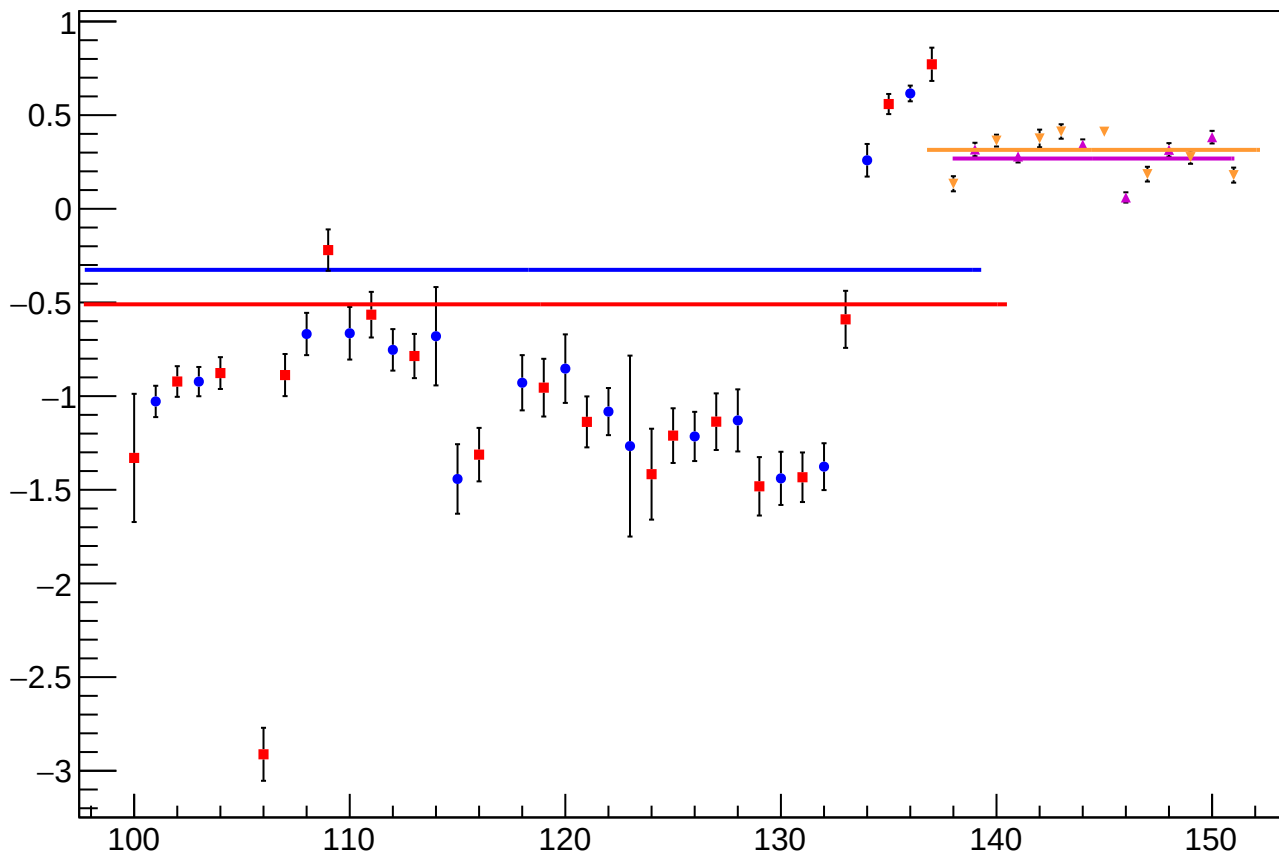
Left In: 43.235 $\pm$ 0.251 χ^2 /NDF: 81.0/5

+ sign 38.861 $\pm$ 0.216 χ^2 /NDF: 4444.4/24

All: 39.330 $\pm$ 0.155 χ^2 /NDF: 8422.1/49

- sign 39.827 $\pm$ 0.222 χ^2 /NDF: 3967.9/24

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.315 ± 0.012 χ^2/NDF : 69.9/7

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

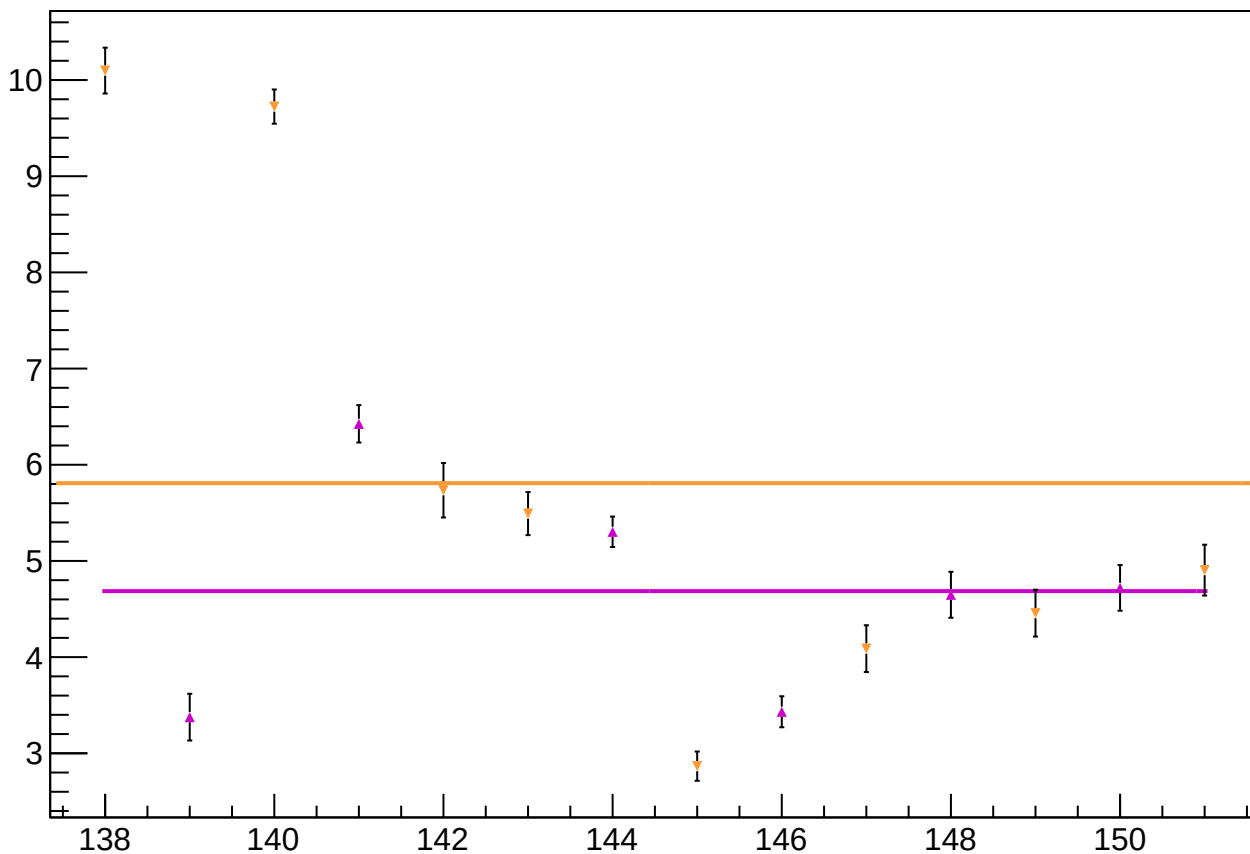
Left In: 0.268 ± 0.013 χ^2/NDF : 79.1/5

+ sign 0.187 ± 0.011 χ^2/NDF : 1612.6/24

All: 0.150 ± 0.008 χ^2/NDF : 3615.0/49

- sign 0.111 ± 0.012 χ^2/NDF : 1979.9/24

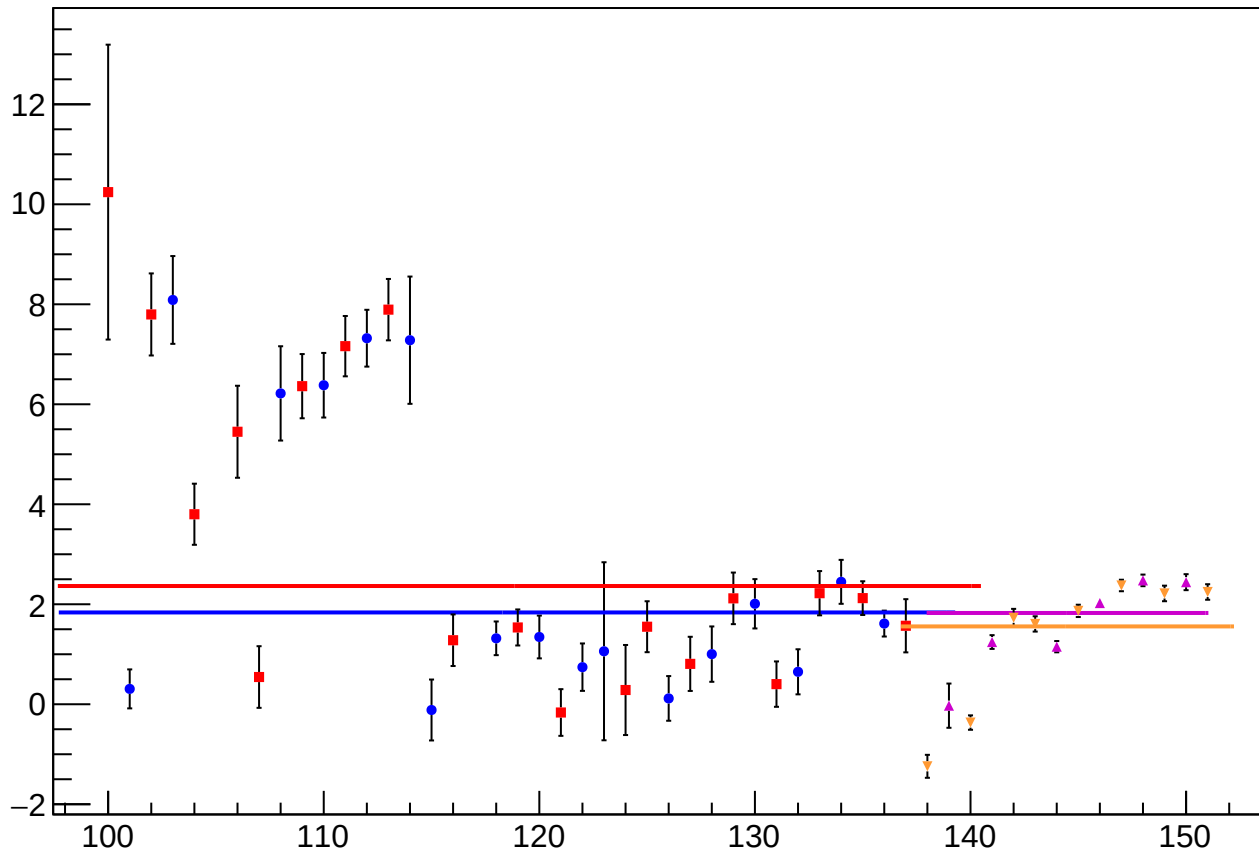
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.808 $\pm$ 0.076 χ^2 /NDF:1276.1/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.686 $\pm$ 0.080 χ^2 /NDF:184.9/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.274 $\pm$ 0.055 χ^2 /NDF: 1564.7/13
 - 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: 1.557 ± 0.052 χ^2/NDF : 421.8/7

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

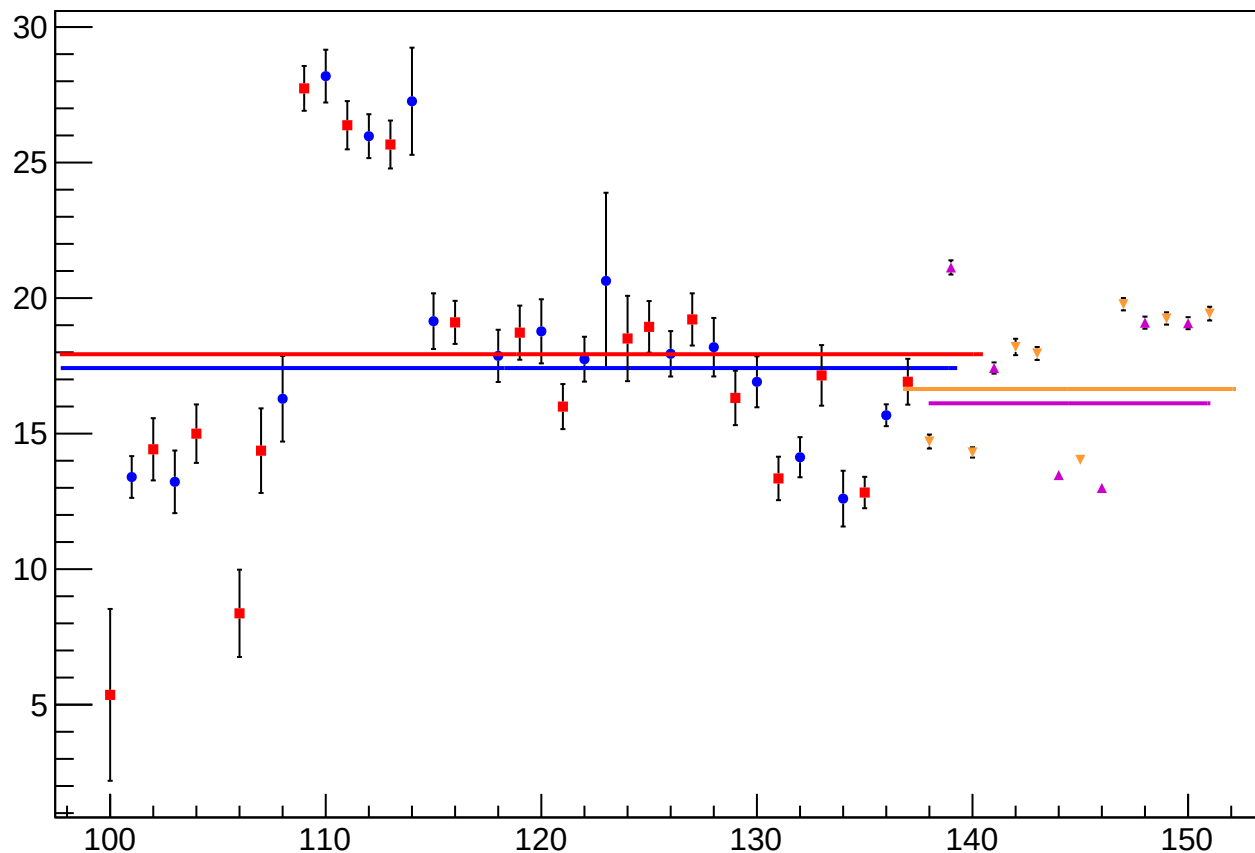
Left In: 1.826 ± 0.053 χ^2/NDF : 121.6/5

+ sign 1.604 ± 0.048 χ^2/NDF : 721.5/24

All: 1.754 ± 0.034 χ^2/NDF : 1216.0/49

- sign 1.911 ± 0.049 χ^2/NDF : 474.2/24

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: 16.645 $\pm$ 0.078 χ^2 /NDF: 966.9/7

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

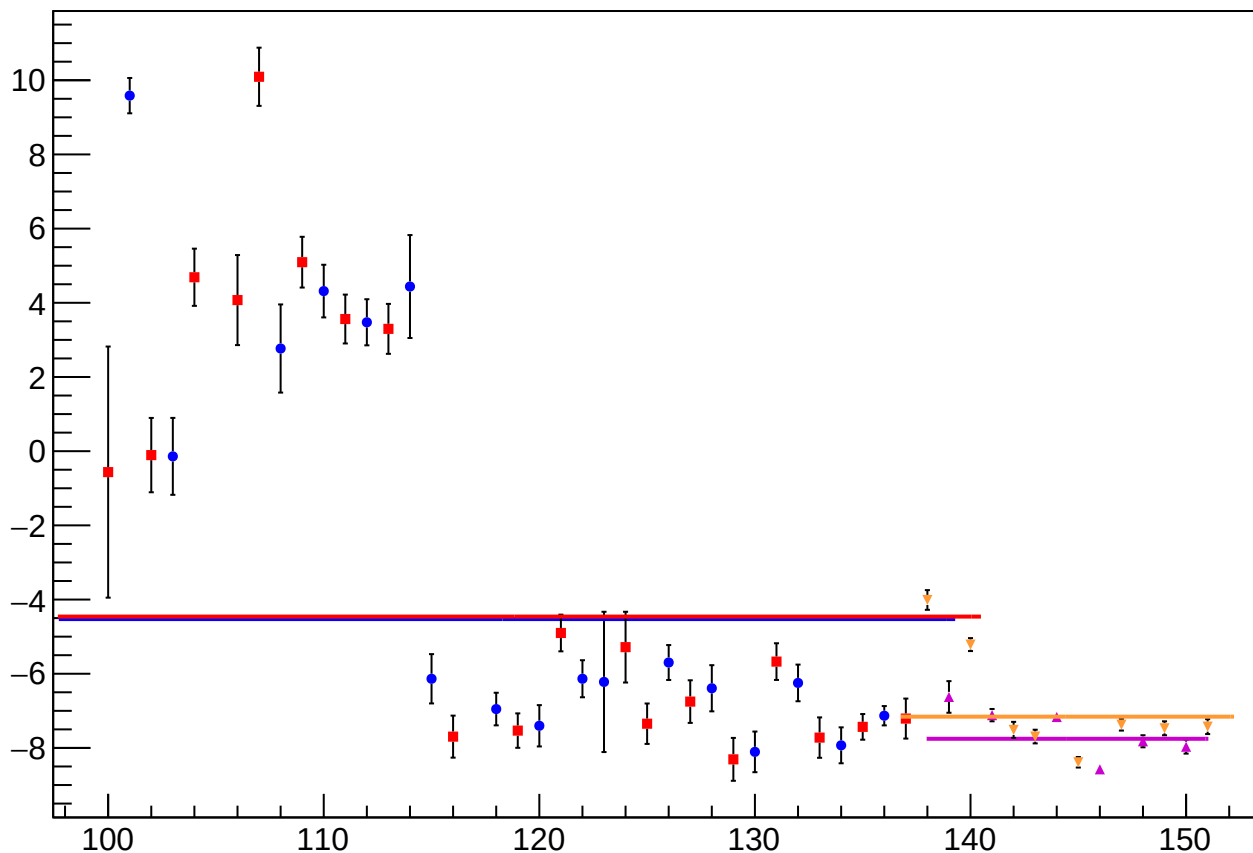
Left In: 16.118 $\pm$ 0.080 χ^2 /NDF: 1409.0/5

+ sign 16.738 $\pm$ 0.073 χ^2 /NDF: 1345.5/24

All: 16.542 $\pm$ 0.053 χ^2 /NDF: 3335.8/49

- sign 16.334 $\pm$ 0.075 χ^2 /NDF: 1975.6/24

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: -7.157 ± 0.065 χ^2/NDF : 356.8/7

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

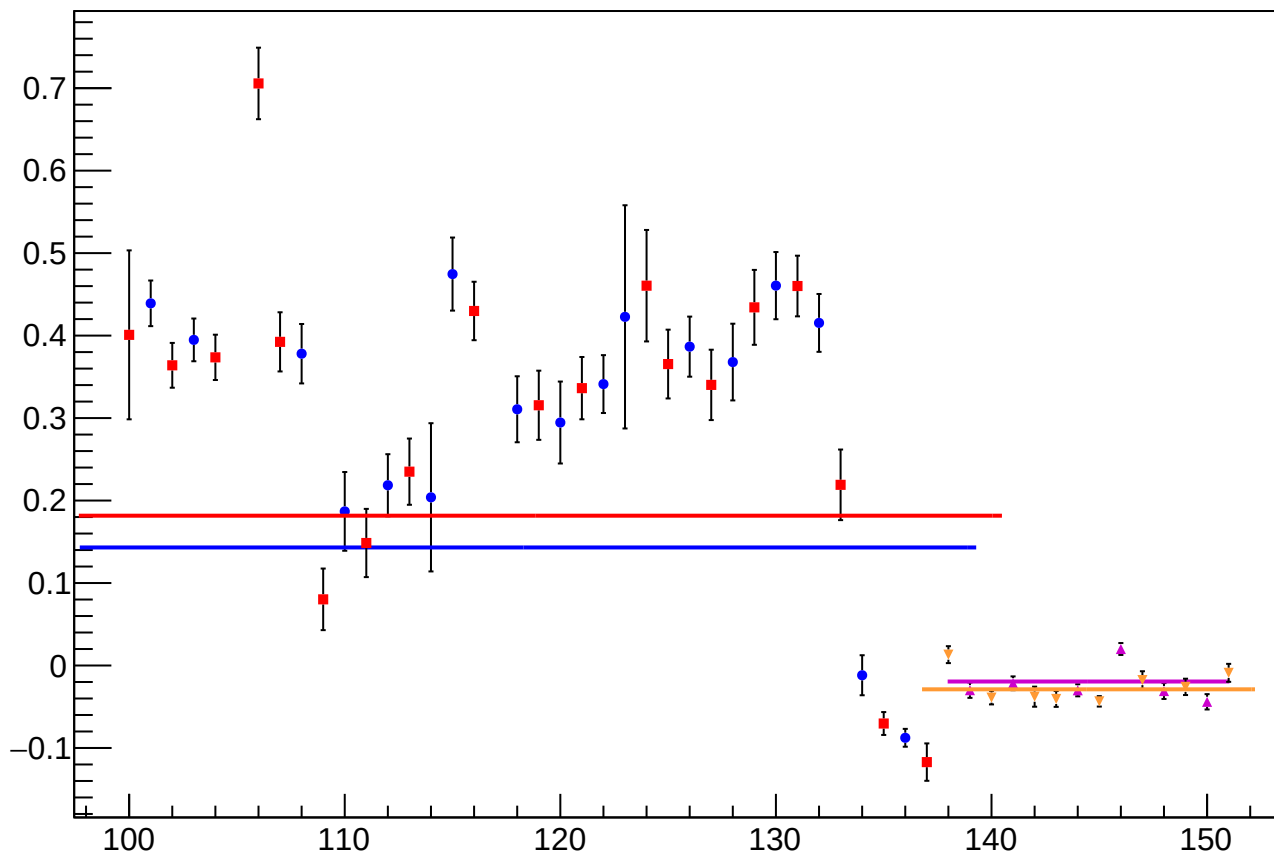
Left In: -7.754 ± 0.066 χ^2/NDF : 86.4/5

+ sign -6.633 ± 0.058 χ^2/NDF : 2277.5/24

All: -6.876 ± 0.041 χ^2/NDF : 4208.6/49

- sign -7.132 ± 0.059 χ^2/NDF : 1894.8/24

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: -0.029 ± 0.003 $\chi^2/\text{NDF}: 30.1/7$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

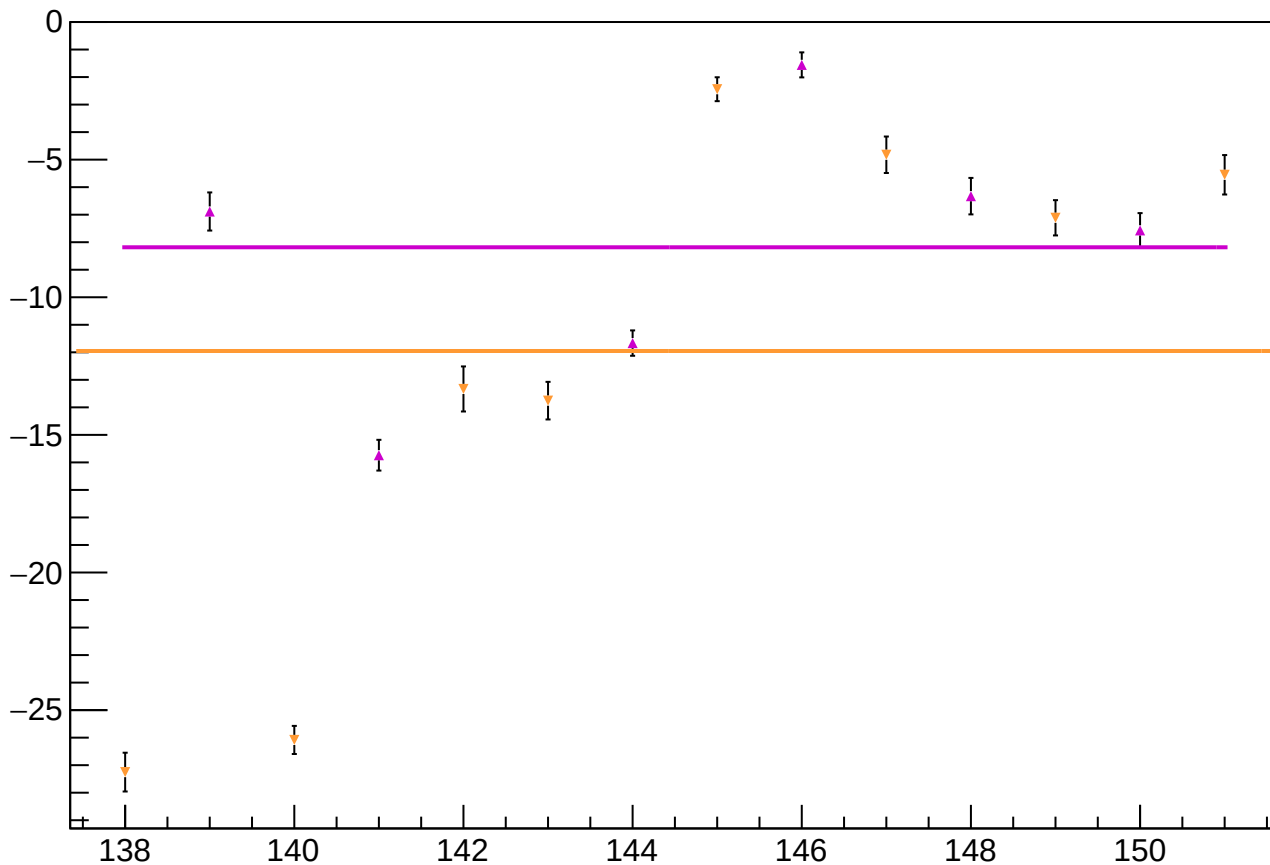
Left In: -0.019 ± 0.003 $\chi^2/\text{NDF}: 41.7/5$

+ sign 0.001 ± 0.003 $\chi^2/\text{NDF}: 1580.6/24$

All: 0.008 ± 0.002 $\chi^2/\text{NDF}: 3252.2/49$

- sign 0.016 ± 0.003 $\chi^2/\text{NDF}: 1660.2/24$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.952+/-0.216 χ^2/NDF :1979.9/7

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

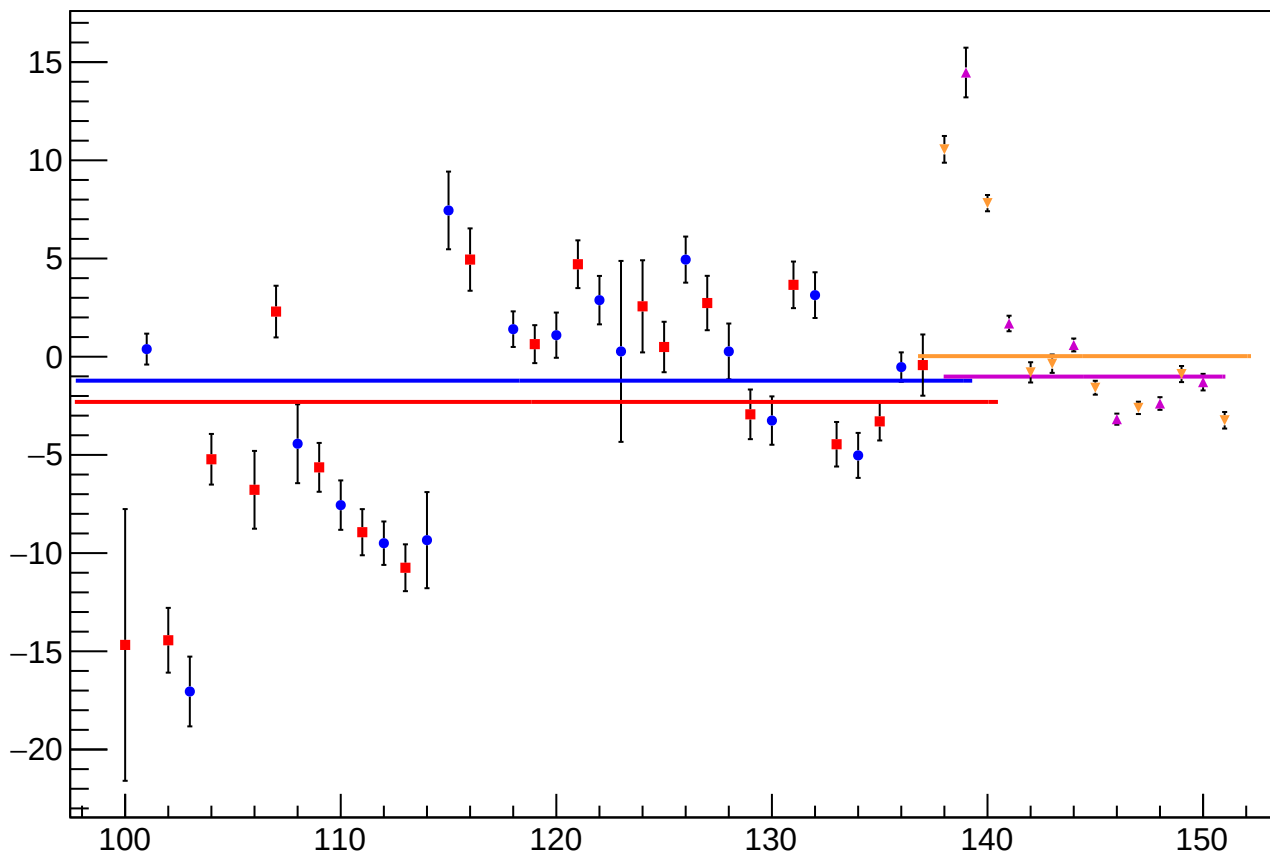
Left In: -8.184+/-0.226 χ^2/NDF :464.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.150+/-0.156 χ^2/NDF : 2590.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.029 ± 0.147 χ^2/NDF : 751.9/7

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

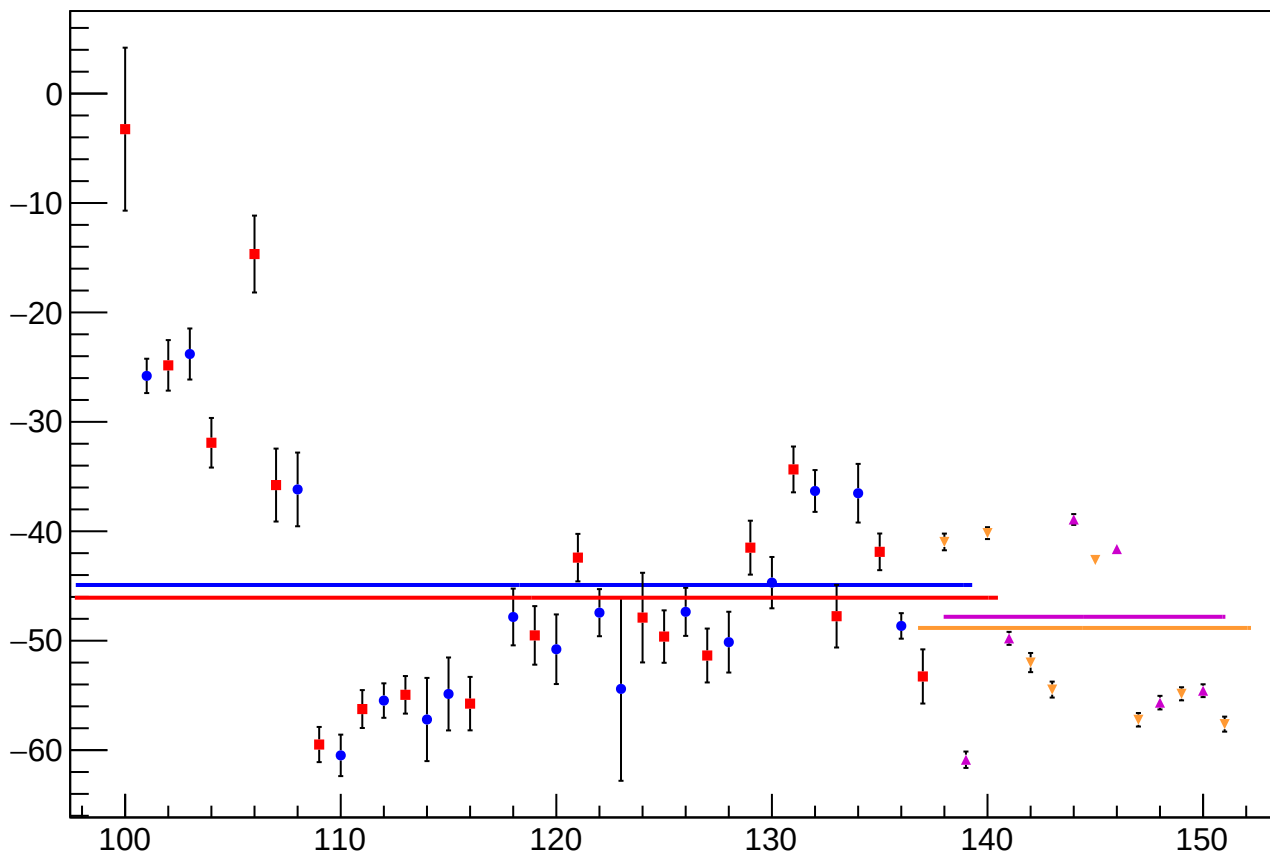
Left In: -1.012 ± 0.151 χ^2/NDF : 297.8/5

+ sign -0.228 ± 0.131 χ^2/NDF : 1045.2/24

All: -0.735 ± 0.094 χ^2/NDF : 1674.4/49

- sign -1.269 ± 0.135 χ^2/NDF : 598.6/24

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -48.834 ± 0.221 χ^2/NDF : 1064.1/7

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

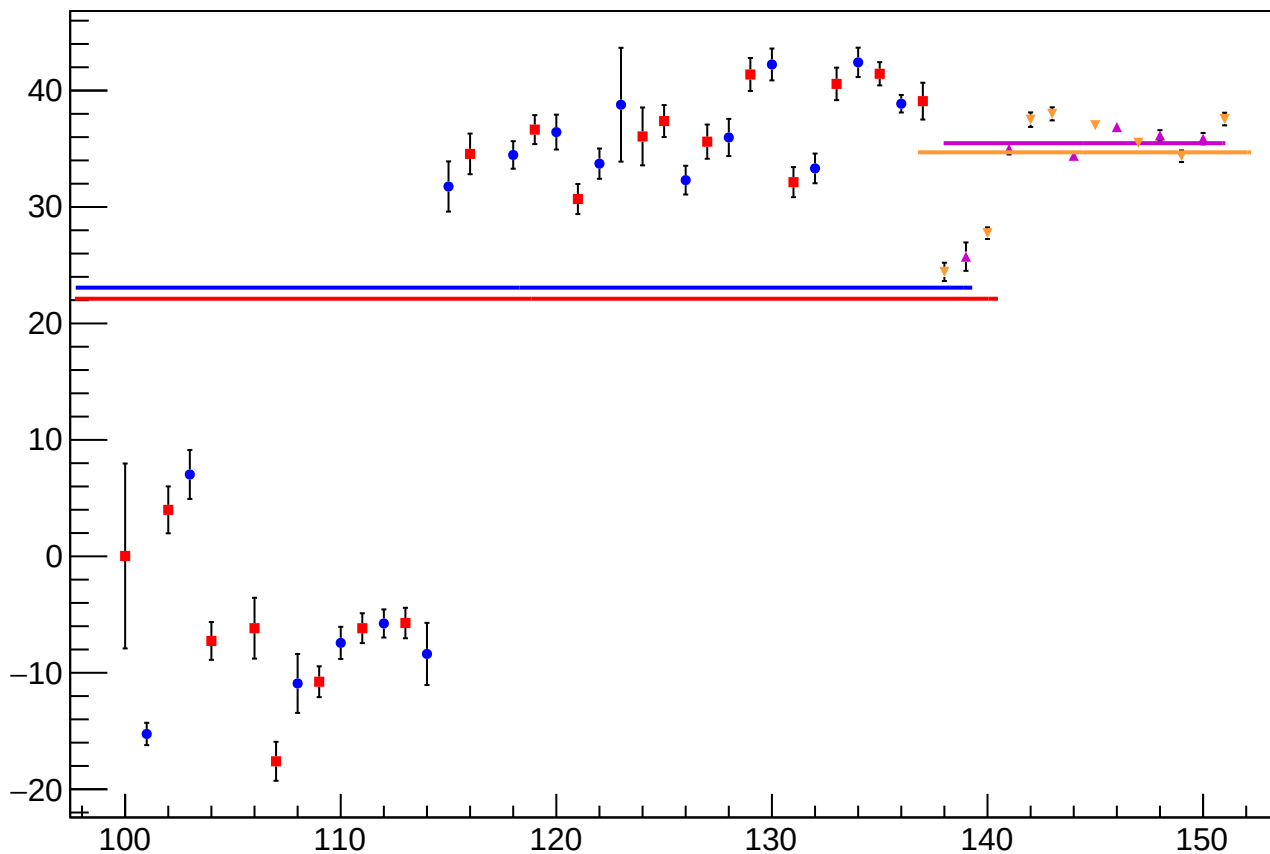
Left In: -47.814 ± 0.227 χ^2/NDF : 1133.2/5

+ sign -48.239 ± 0.203 χ^2/NDF : 1533.1/24

All: -47.900 ± 0.145 χ^2/NDF : 3135.2/49

- sign -47.543 ± 0.208 χ^2/NDF : 1596.4/24

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: 34.695 $\pm$ 0.182 χ^2 /NDF:480.9/7

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

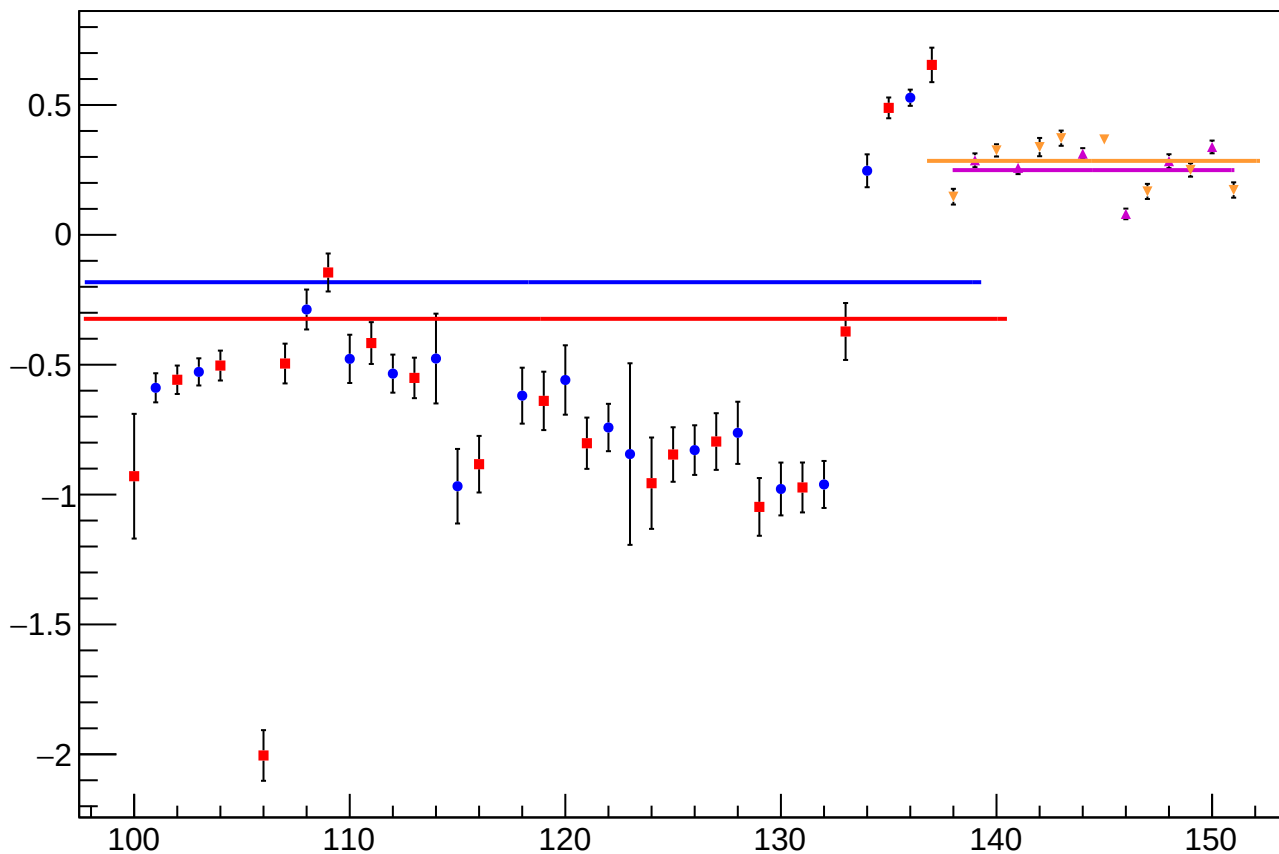
Left In: 35.480 $\pm$ 0.187 χ^2 /NDF:90.6/5

+ sign 31.928 $\pm$ 0.159 χ^2 /NDF: 5795.2/24

All: 32.147 $\pm$ 0.114 χ^2 /NDF: 11110.4/49

- sign 32.380 $\pm$ 0.164 χ^2 /NDF: 5311.2/24

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.285 ± 0.009 χ^2/NDF : 88.2/7

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

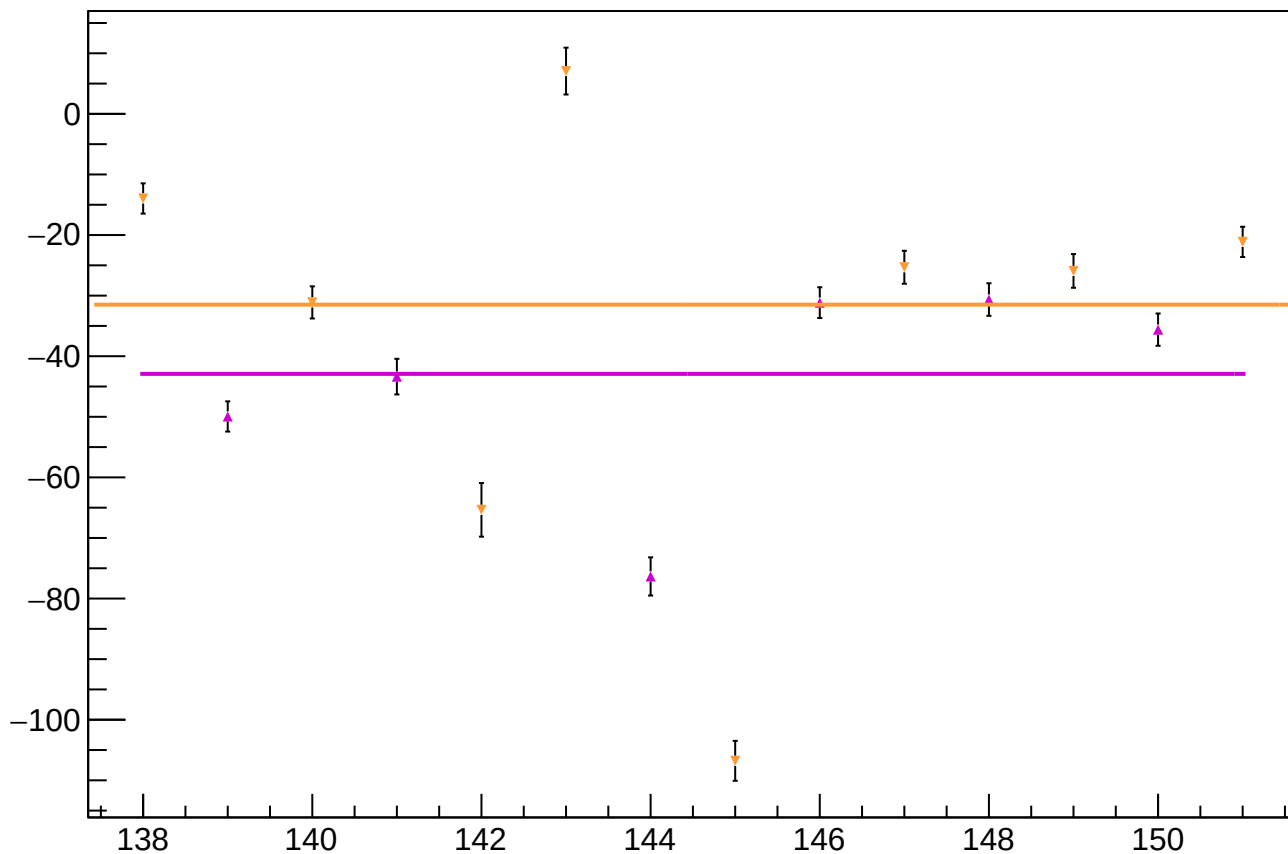
Left In: 0.249 ± 0.010 χ^2/NDF : 93.9/5

+ sign 0.185 ± 0.008 χ^2/NDF : 1632.4/24

All: 0.156 ± 0.006 χ^2/NDF : 3713.8/49

- sign 0.124 ± 0.009 χ^2/NDF : 2054.5/24

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -31.490 ± 1.033 χ^2/NDF : 755.4/7

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

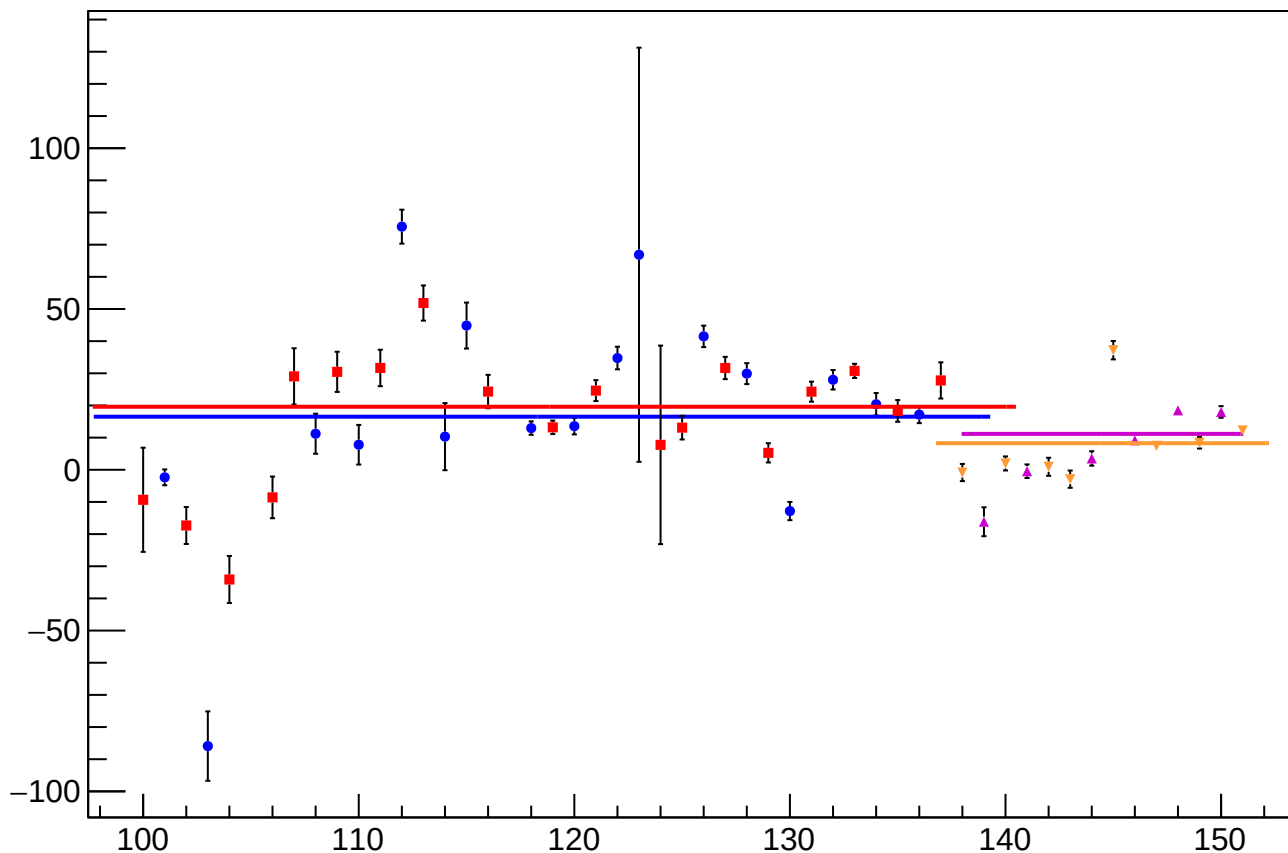
Left In: -42.915 ± 1.110 χ^2/NDF : 170.2/5

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.791 ± 0.756 χ^2/NDF : 982.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 8.269 $\pm$ 0.682 χ^2 /NDF: 154.7/7

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

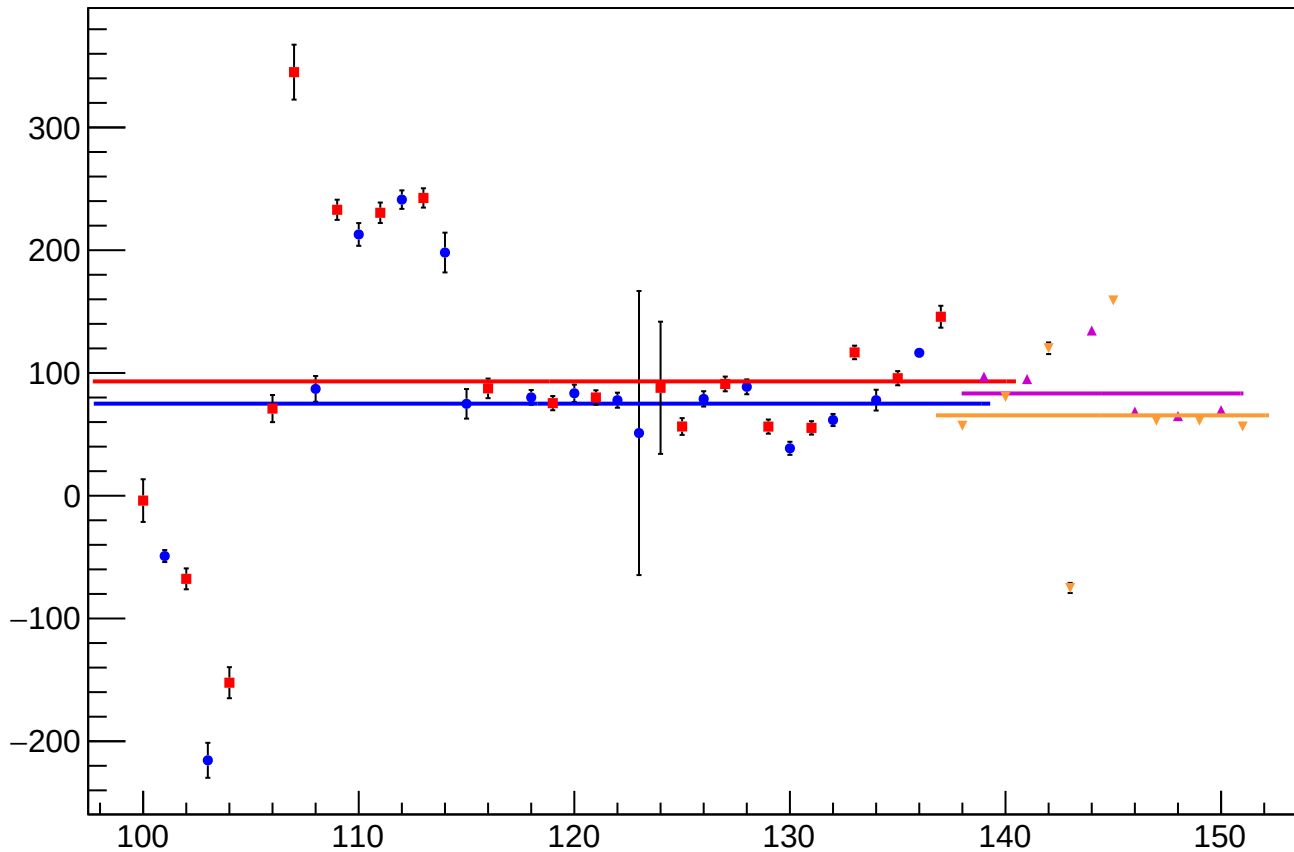
Left In: 11.162 $\pm$ 0.741 χ^2 /NDF: 126.2/5

+ sign 11.510 $\pm$ 0.531 χ^2 /NDF: 731.8/24

All: 12.934 $\pm$ 0.389 χ^2 /NDF: 1168.0/49

- sign 14.581 $\pm$ 0.572 χ^2 /NDF: 420.7/24

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2/NDF : 1999.3/16

Left Out: 65.479 $\pm$ 1.038 χ^2/NDF : 2100.3/7

Right Out: 93.140 $\pm$ 1.711 χ^2/NDF : 2002.3/18

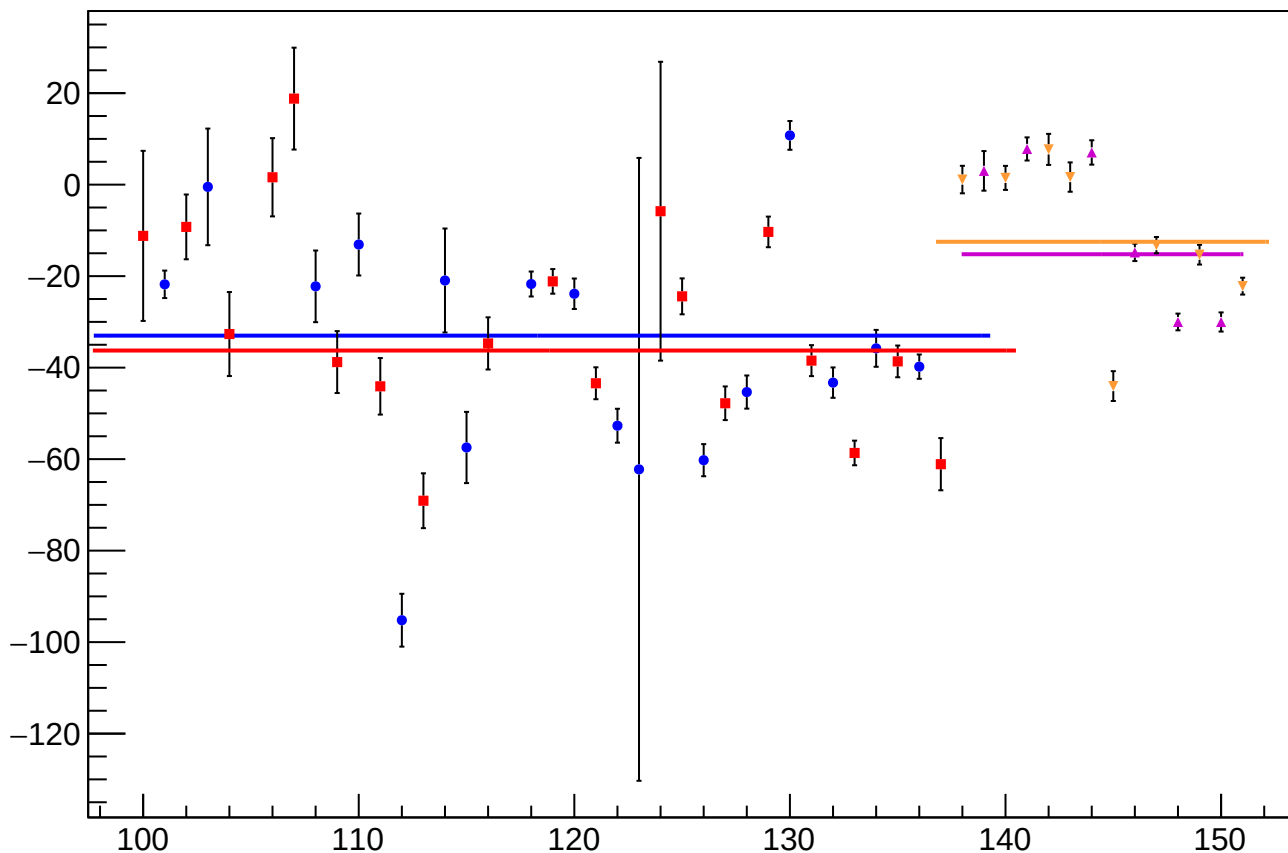
Left In: 83.313 $\pm$ 1.108 χ^2/NDF : 391.3/5

+ sign 68.215 $\pm$ 0.877 χ^2/NDF : 4123.8/24

All: 76.684 $\pm$ 0.638 χ^2/NDF : 6739.1/49

- sign 86.214 $\pm$ 0.930 χ^2/NDF : 2416.8/24

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 $\chi^2/\text{NDF}: 493.1/16$

Left Out: -12.488 ± 0.858 $\chi^2/\text{NDF}: 226.7/7$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

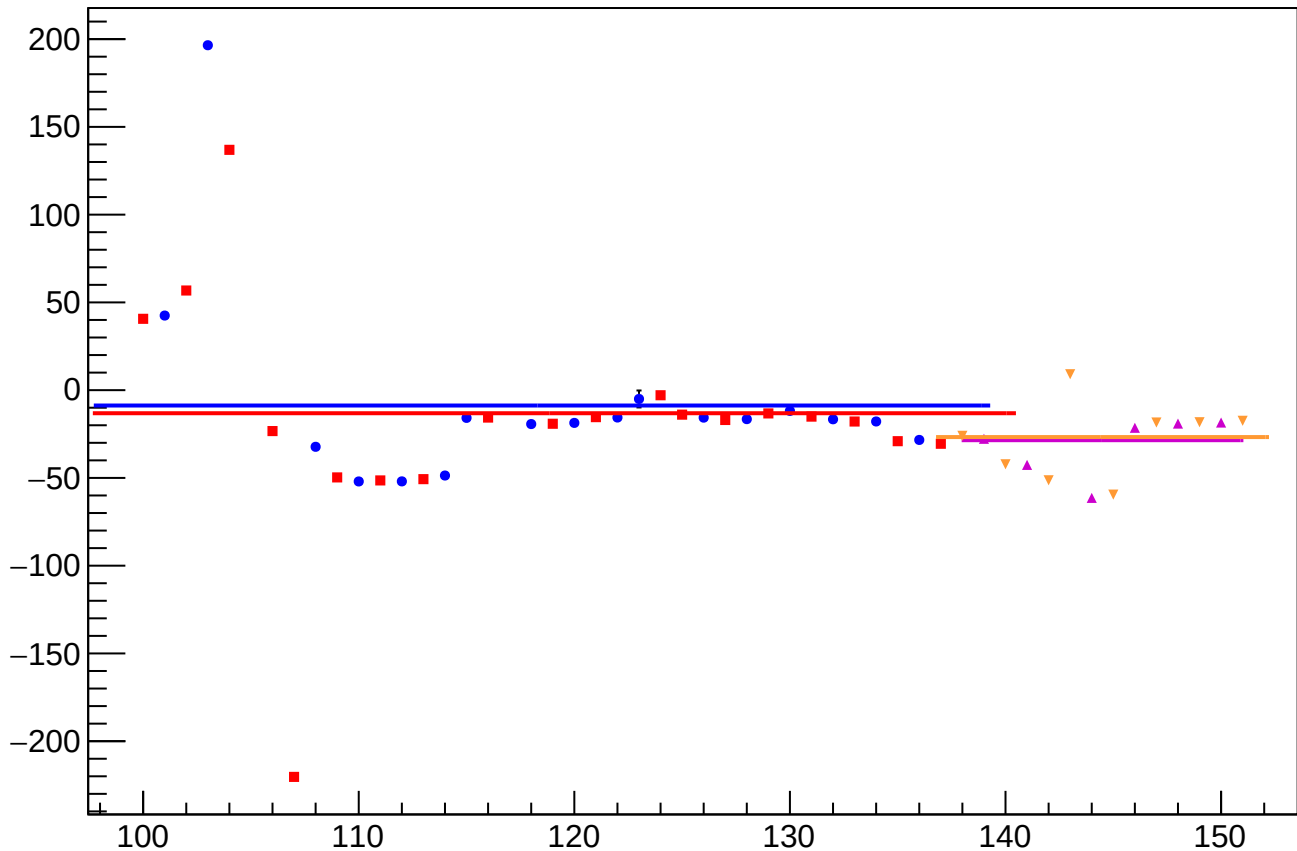
Left In: -15.212 ± 0.930 $\chi^2/\text{NDF}: 286.1/5$

+ sign -21.474 ± 0.643 $\chi^2/\text{NDF}: 970.3/24$

All: -22.982 ± 0.470 $\chi^2/\text{NDF}: 1796.5/49$

- sign -24.712 ± 0.689 $\chi^2/\text{NDF}: 814.4/24$

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -26.731 ± 0.044 $\chi^2/\text{NDF}: 157108.2/7$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

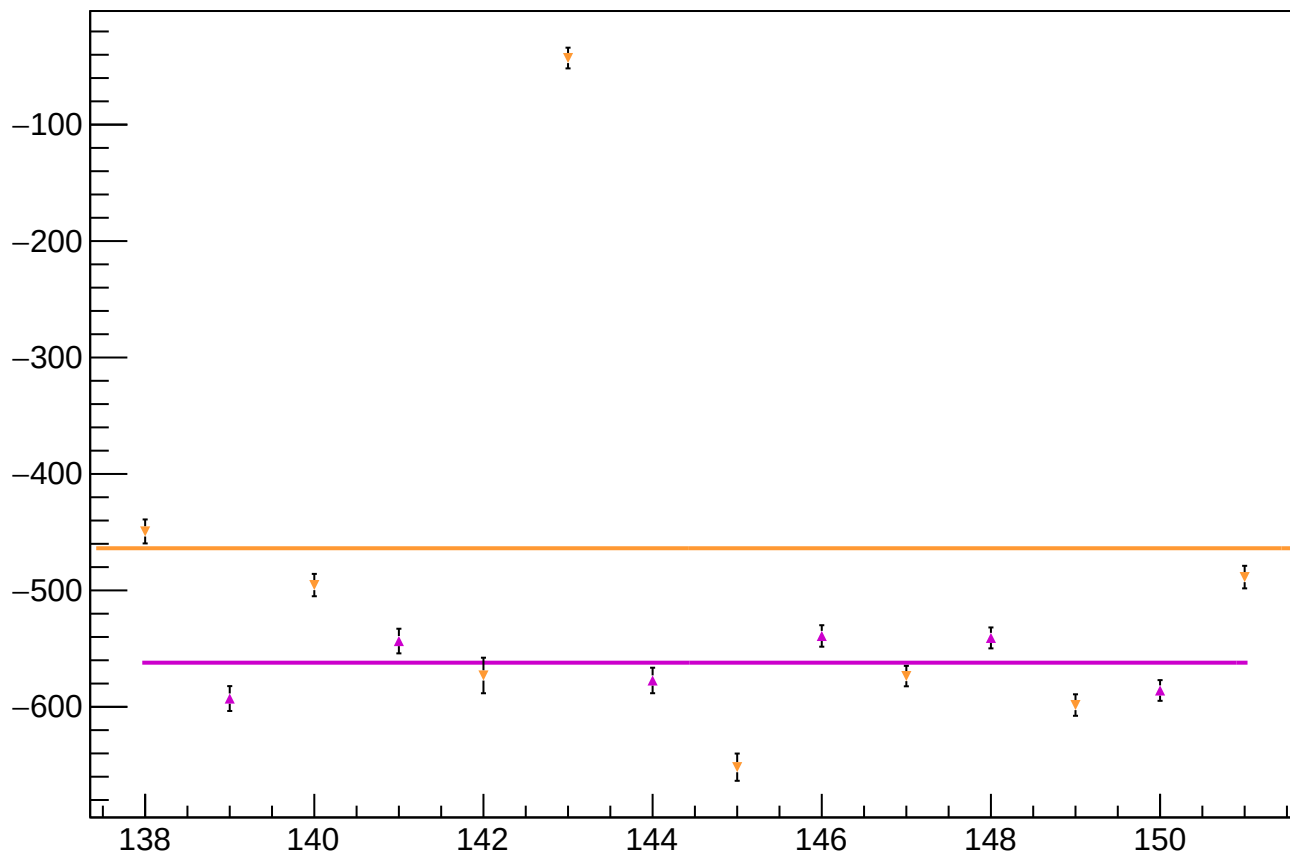
Left In: -28.504 ± 0.046 $\chi^2/\text{NDF}: 83046.5/5$

+ sign -20.291 ± 0.035 $\chi^2/\text{NDF}: 793122.6/24$

All: -21.612 ± 0.025 $\chi^2/\text{NDF}: 1477690.9/49$

- sign -23.053 ± 0.037 $\chi^2/\text{NDF}: 681623.5/24$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -463.797+/-3.539 χ^2/NDF : 2935.6/7

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

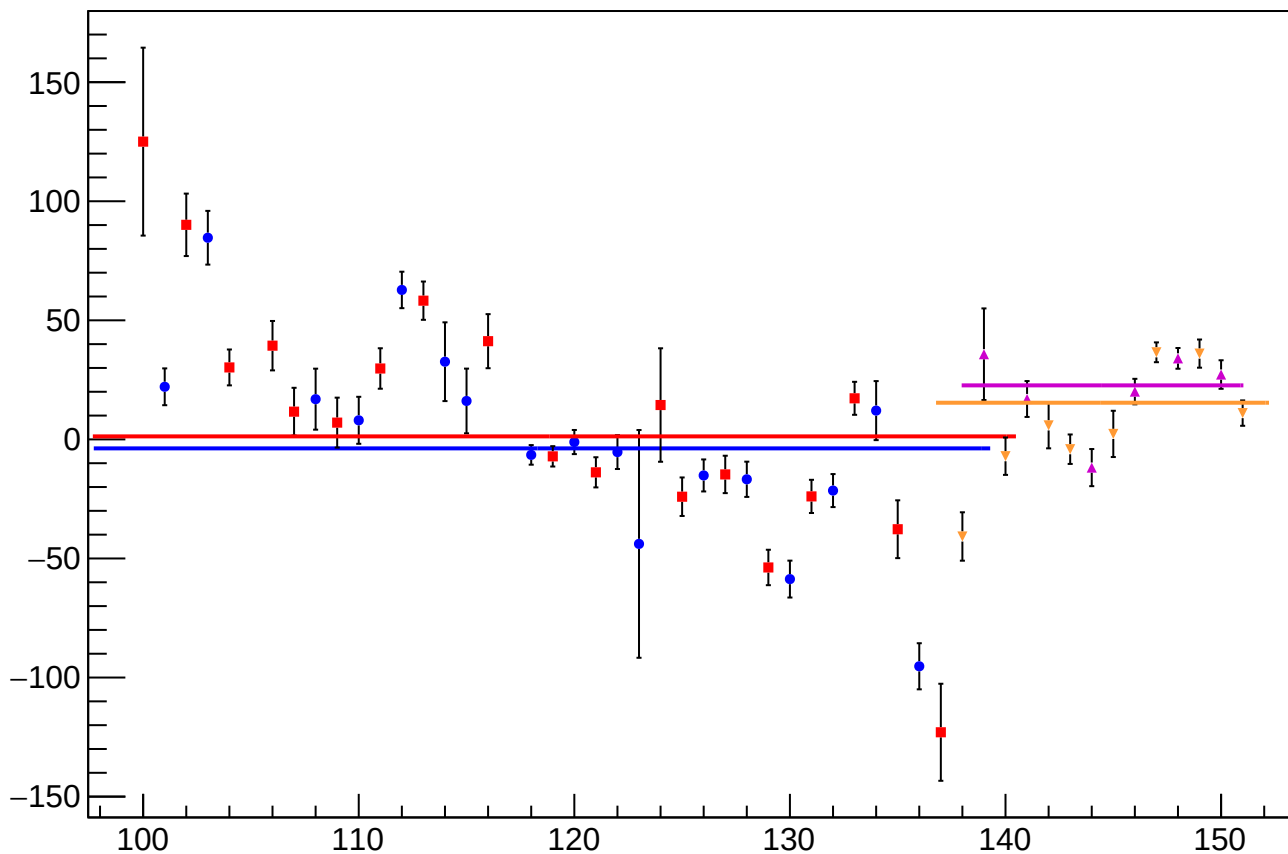
Left In: -562.073+/-3.990 χ^2/NDF : 32.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.065+/-2.647 χ^2/NDF : 3307.6/13

- 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: 15.398 ± 2.265 χ^2/NDF : 90.2/7

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

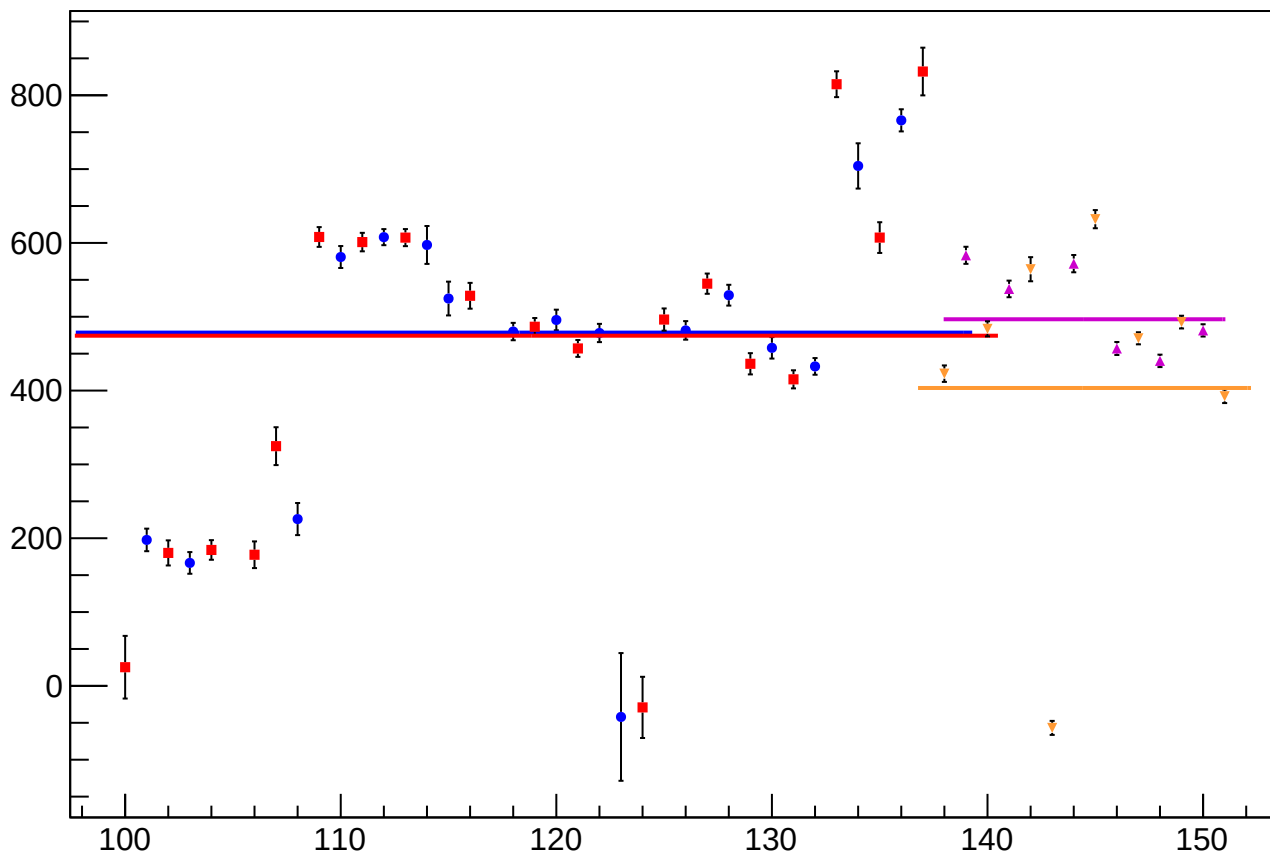
Left In: 22.686 ± 2.564 χ^2/NDF : 28.2/5

+ sign 4.088 ± 1.451 χ^2/NDF : 446.8/24

All: 6.385 ± 1.055 χ^2/NDF : 828.8/49

- sign 8.964 ± 1.537 χ^2/NDF : 376.7/24

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 403.519 $\pm$ 3.557 χ^2/NDF : 3031.6/7

Right Out: 474.328 $\pm$ 3.533 χ^2/NDF : 2287.1/18

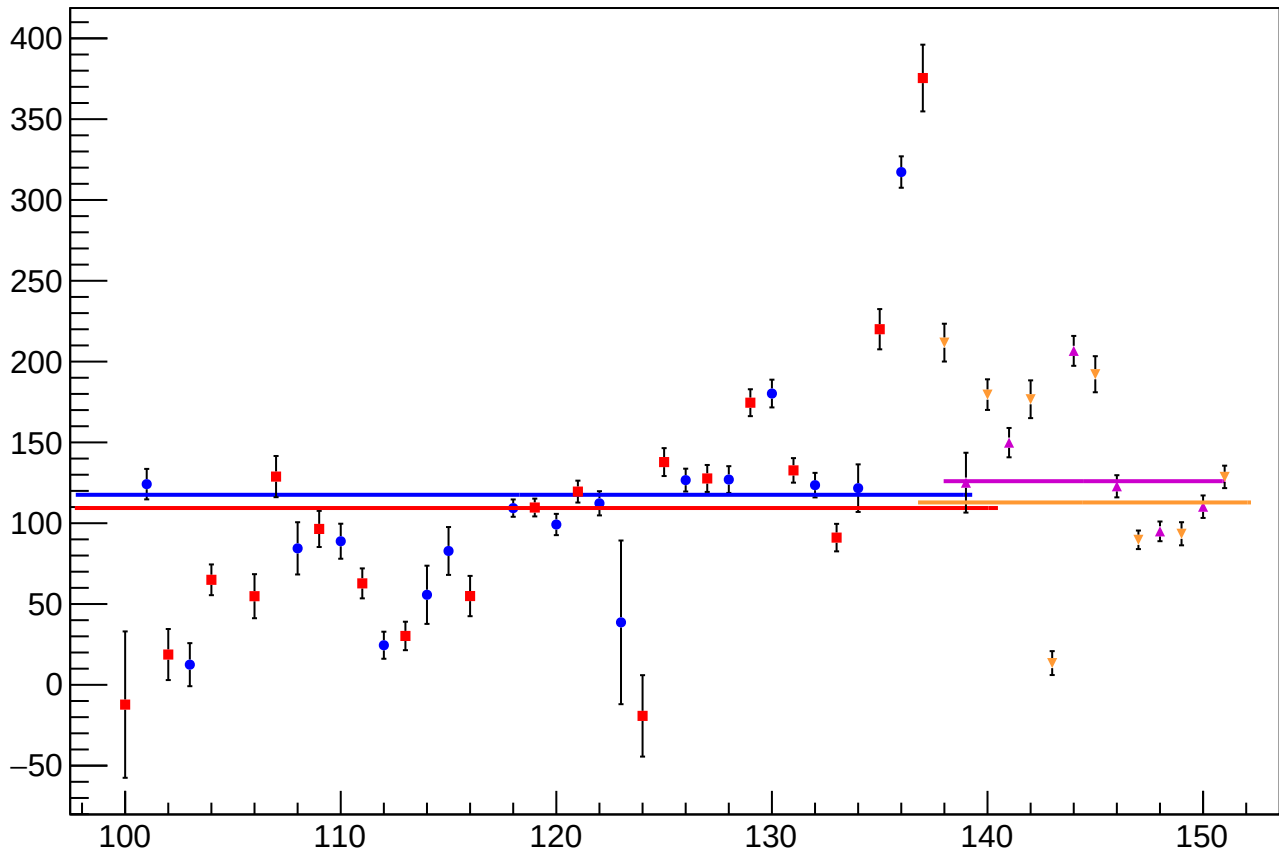
Left In: 496.595 $\pm$ 3.950 χ^2/NDF : 179.0/5

+ sign 440.255 $\pm$ 2.540 χ^2/NDF : 4878.4/24

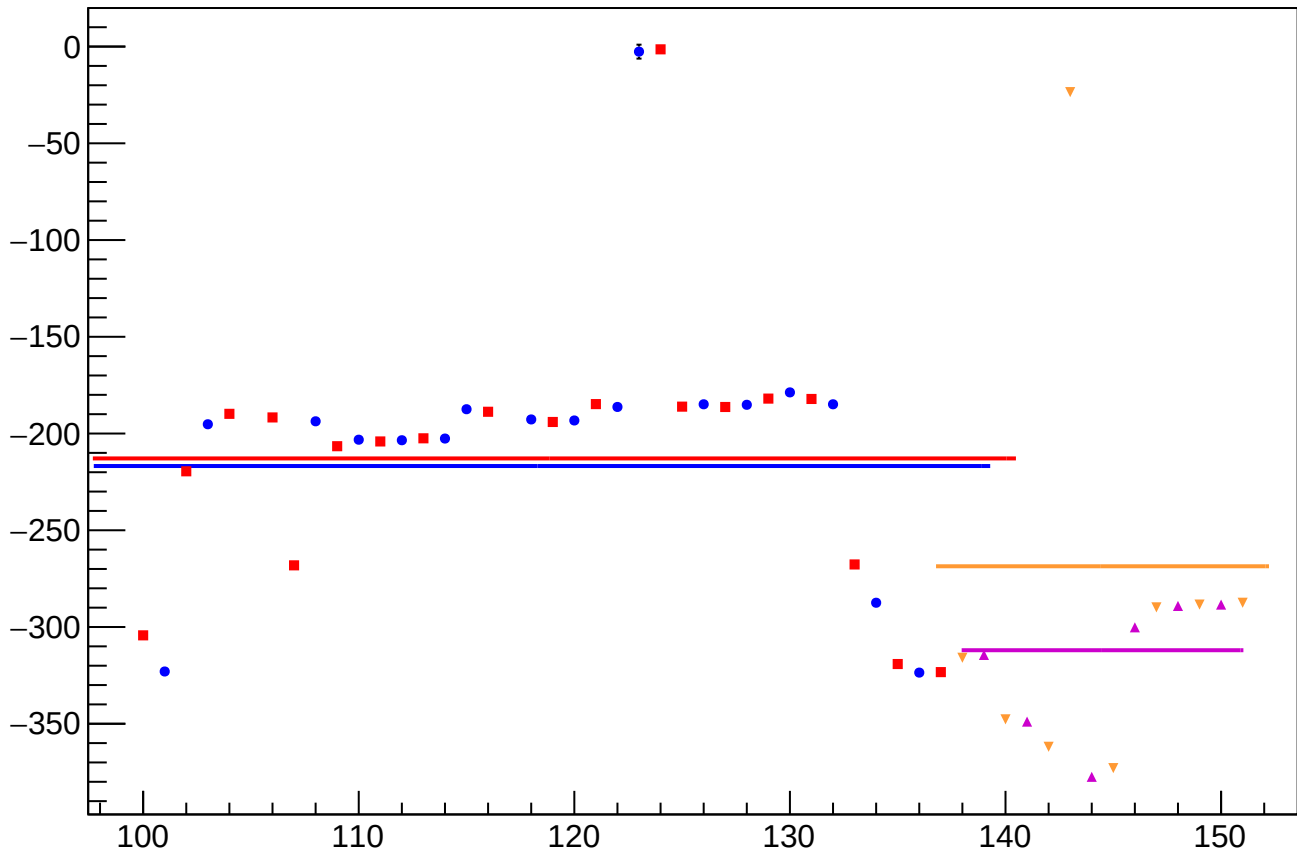
All: 461.452 $\pm$ 1.828 χ^2/NDF : 7506.6/49

- sign 484.224 $\pm$ 2.633 χ^2/NDF : 2483.8/24

reg_asym_atl2_diff_bpm4eY_slope vs Slug



reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -268.611+/-0.151 χ^2/NDF : 532681.4/7

Right Out: -212.869+/-0.130 χ^2/NDF : 116393.6/18

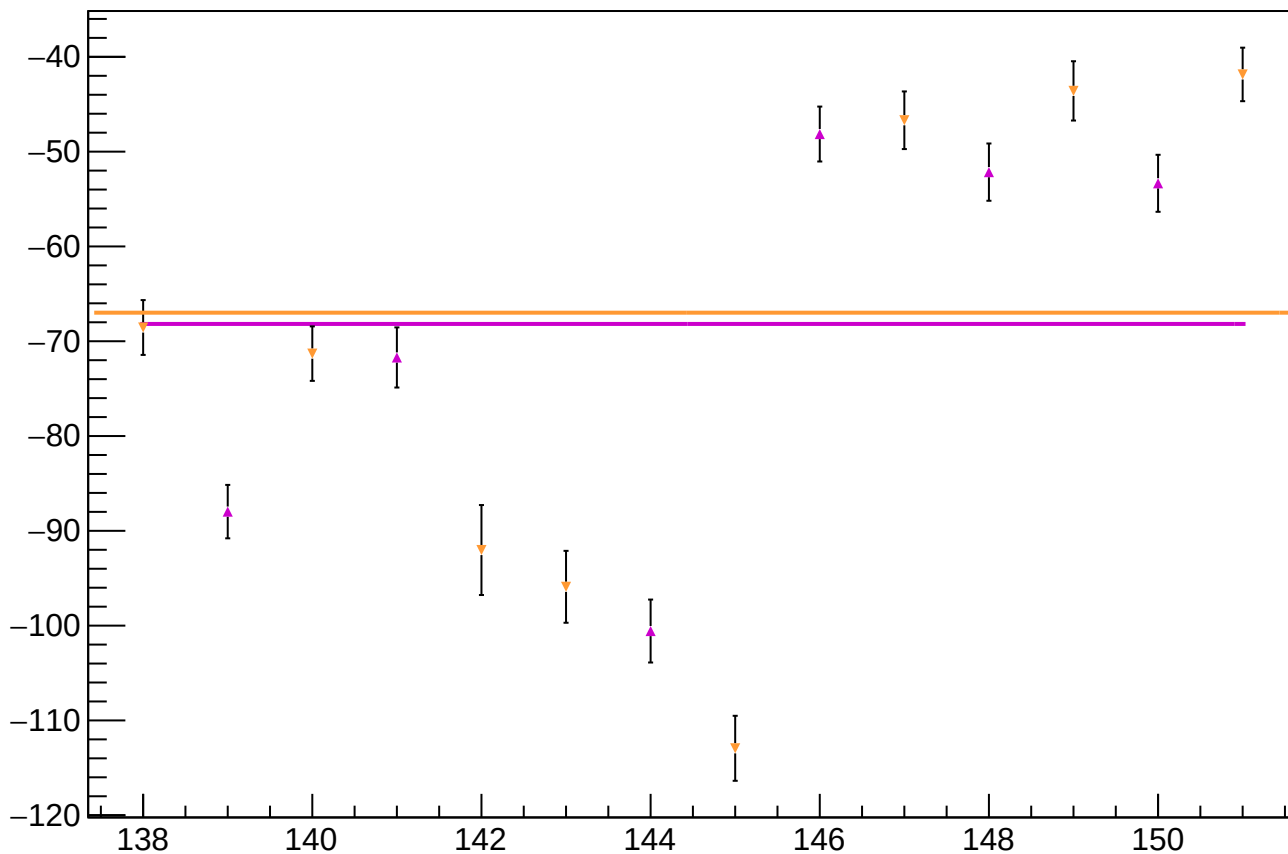
Left In: -311.997+/-0.165 χ^2/NDF : 32339.2/5

+ sign -239.872+/-0.101 χ^2/NDF : 744635.5/24

All: -245.274+/-0.072 χ^2/NDF : 1121176.3/49

- sign -250.809+/-0.102 χ^2/NDF : 370752.0/24

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -66.987+/-1.136 χ^2/NDF : 448.0/7

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

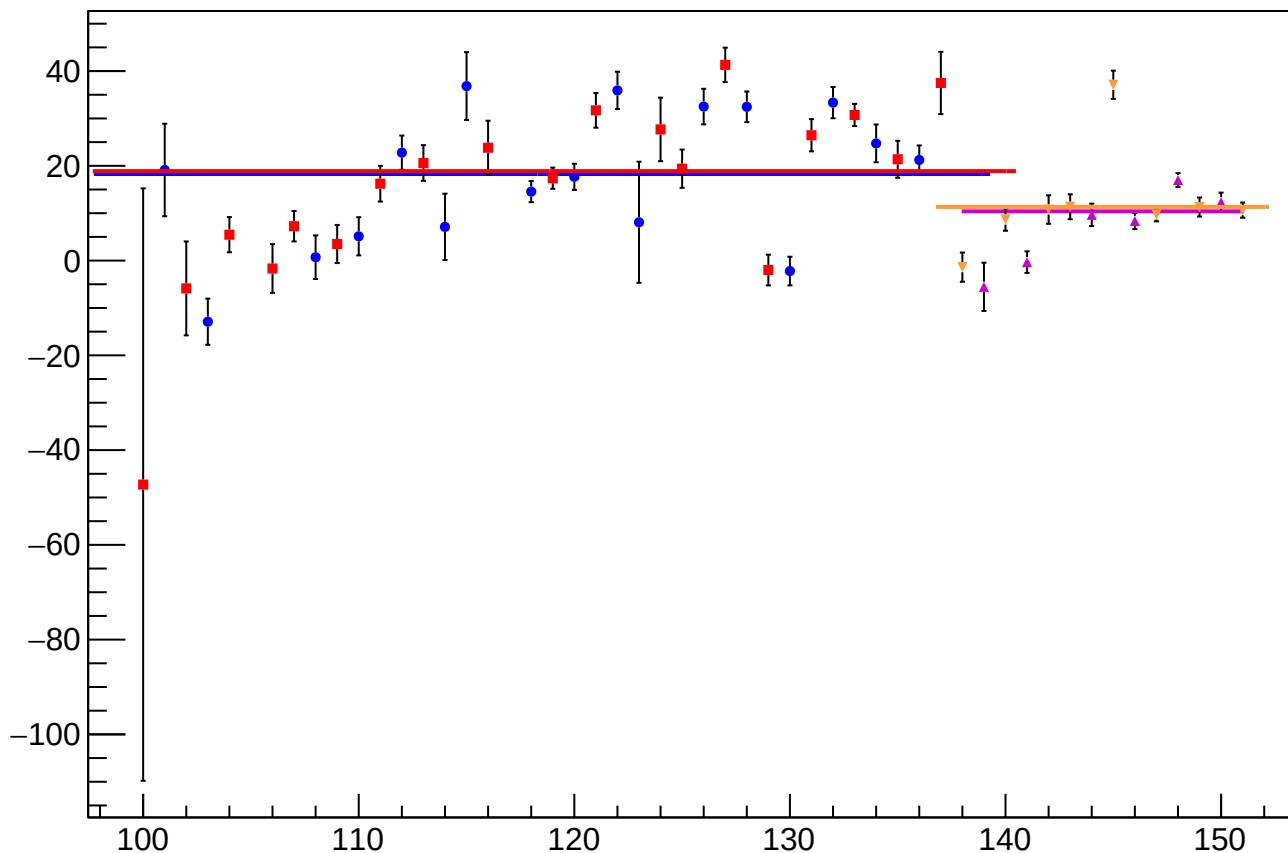
Left In: -68.175+/-1.235 χ^2/NDF : 246.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.531+/-0.836 χ^2/NDF : 694.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 11.325 $\pm$ 0.752 χ^2 /NDF: 94.5/7

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

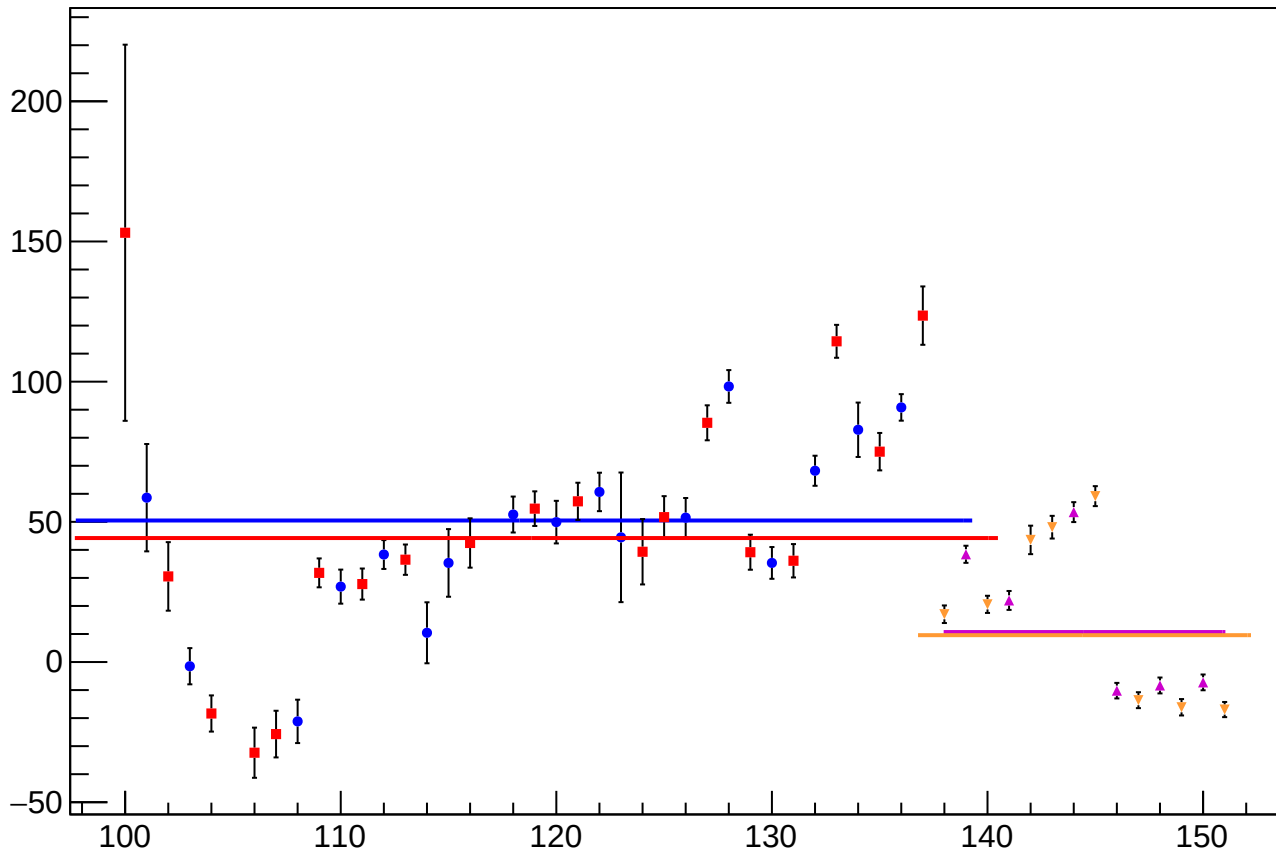
Left In: 10.394 $\pm$ 0.828 χ^2 /NDF: 54.5/5

+ sign 14.165 $\pm$ 0.579 χ^2 /NDF: 334.0/24

All: 14.306 $\pm$ 0.416 χ^2 /NDF: 637.3/49

- sign 14.457 $\pm$ 0.598 χ^2 /NDF: 303.2/24

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 ± 1.668 χ^2/NDF : 357.9/16

Left Out: 9.581 ± 1.144 χ^2/NDF : 588.1/7

Right Out: 44.222 ± 1.602 χ^2/NDF : 534.4/18

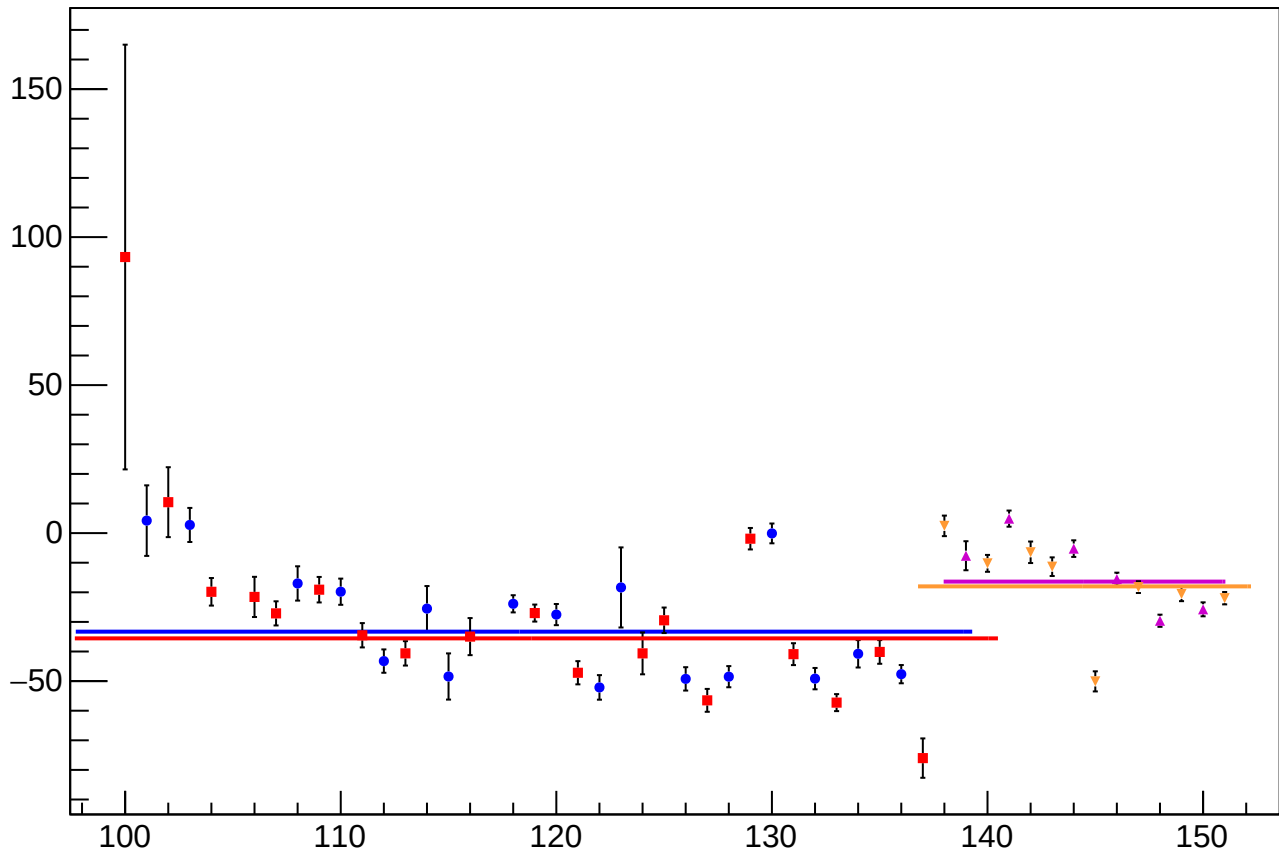
Left In: 10.695 ± 1.235 χ^2/NDF : 381.9/5

+ sign 22.658 ± 0.943 χ^2/NDF : 1355.0/24

All: 22.911 ± 0.679 χ^2/NDF : 2546.2/49

- sign 23.183 ± 0.978 χ^2/NDF : 1191.0/24

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -17.998 ± 0.944 χ^2/NDF : 150.7/7

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

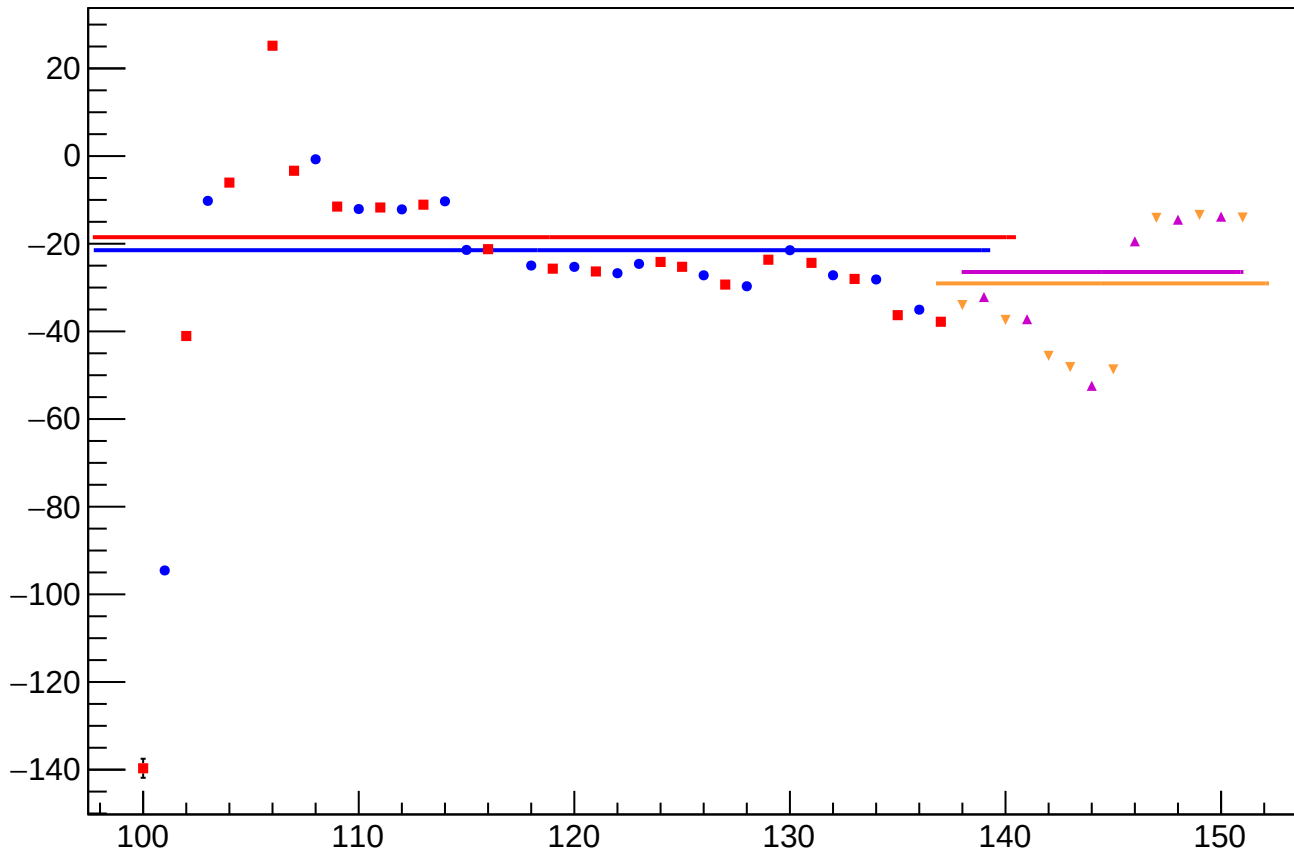
Left In: -16.384 ± 1.037 χ^2/NDF : 137.1/5

+ sign -24.961 ± 0.697 χ^2/NDF : 559.2/24

All: -25.658 ± 0.500 χ^2/NDF : 1164.6/49

- sign -26.395 ± 0.717 χ^2/NDF : 603.4/24

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -29.054 ± 0.048 $\chi^2/\text{NDF}: 89869.7/7$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

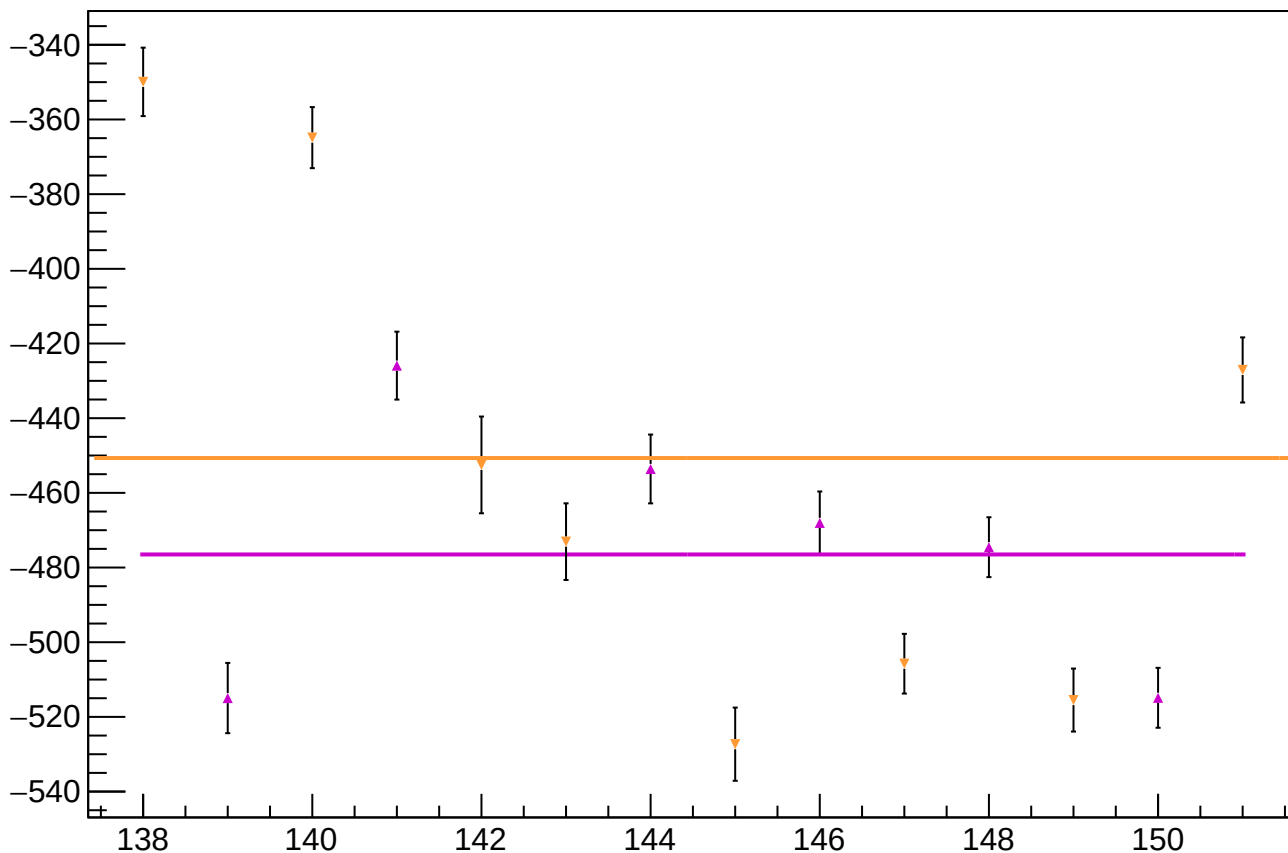
Left In: -26.447 ± 0.051 $\chi^2/\text{NDF}: 61287.4/5$

+ sign -25.991 ± 0.037 $\chi^2/\text{NDF}: 148814.9/24$

All: -24.497 ± 0.027 $\chi^2/\text{NDF}: 304811.2/49$

- sign -22.935 ± 0.038 $\chi^2/\text{NDF}: 152716.7/24$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -450.673+/-3.235 χ^2/NDF : 410.7/7

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

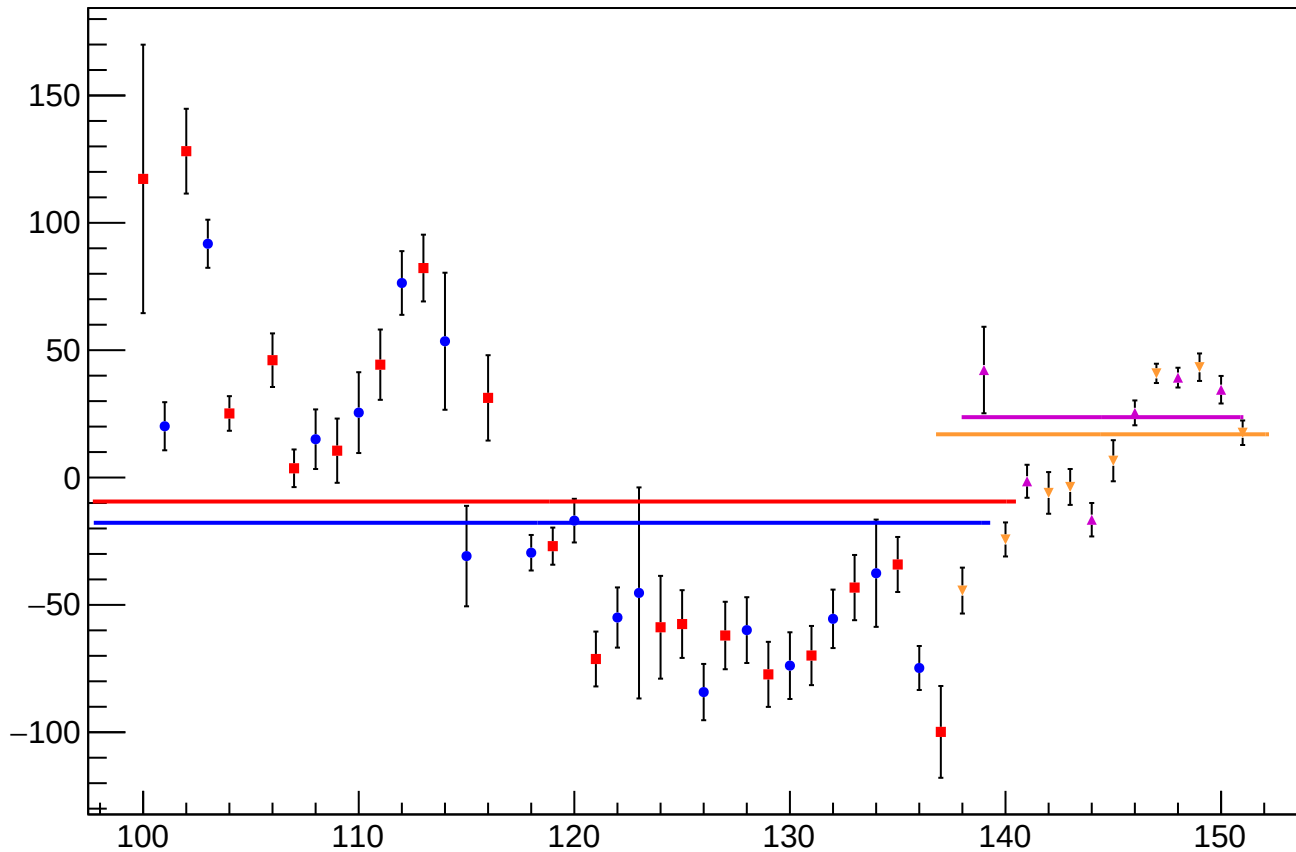
Left In: -476.501+/-3.527 χ^2/NDF : 77.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -462.473+/-2.384 χ^2/NDF : 517.6/13

- 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: 16.975 ± 2.075 χ^2/NDF : 166.4/7

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

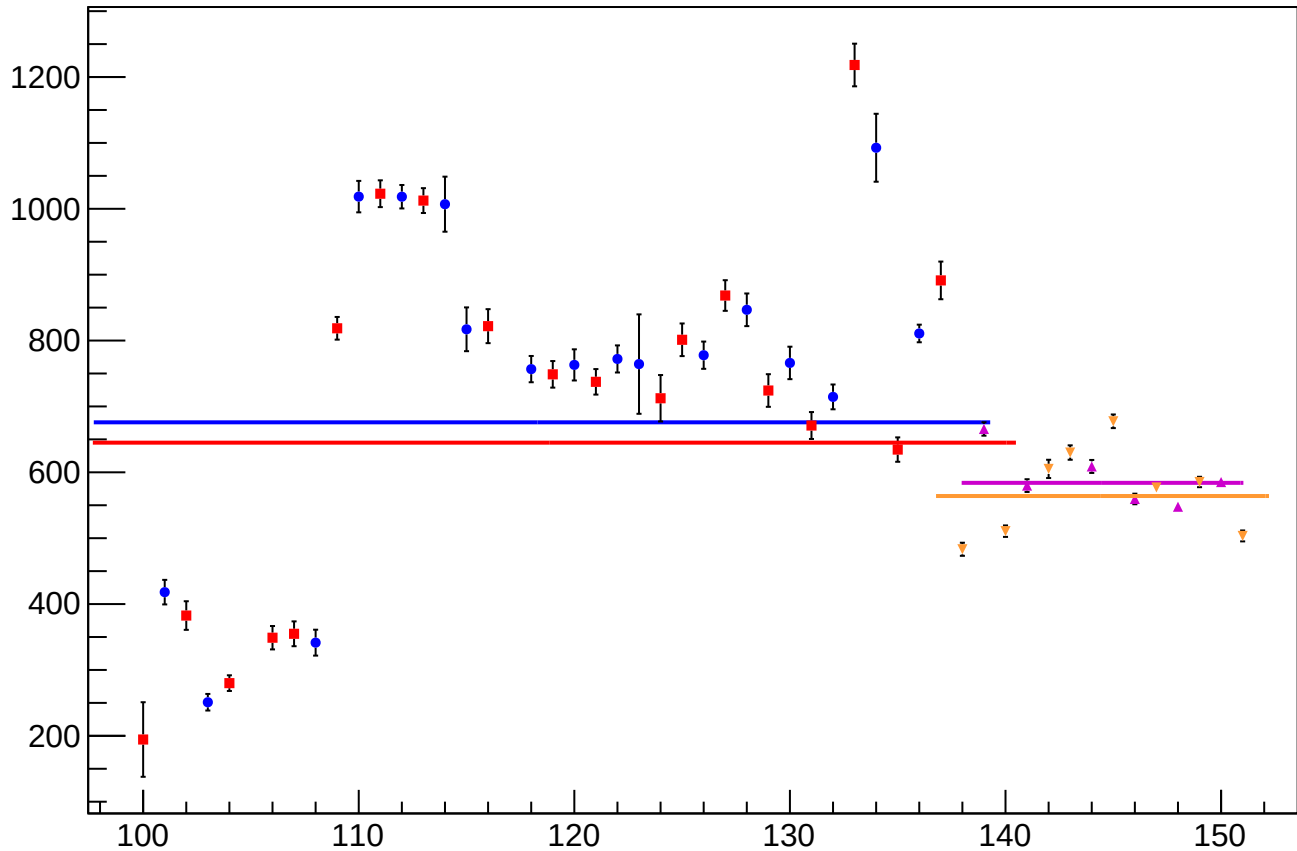
Left In: 23.703 ± 2.276 χ^2/NDF : 73.9/5

+ sign 4.556 ± 1.663 χ^2/NDF : 630.5/24

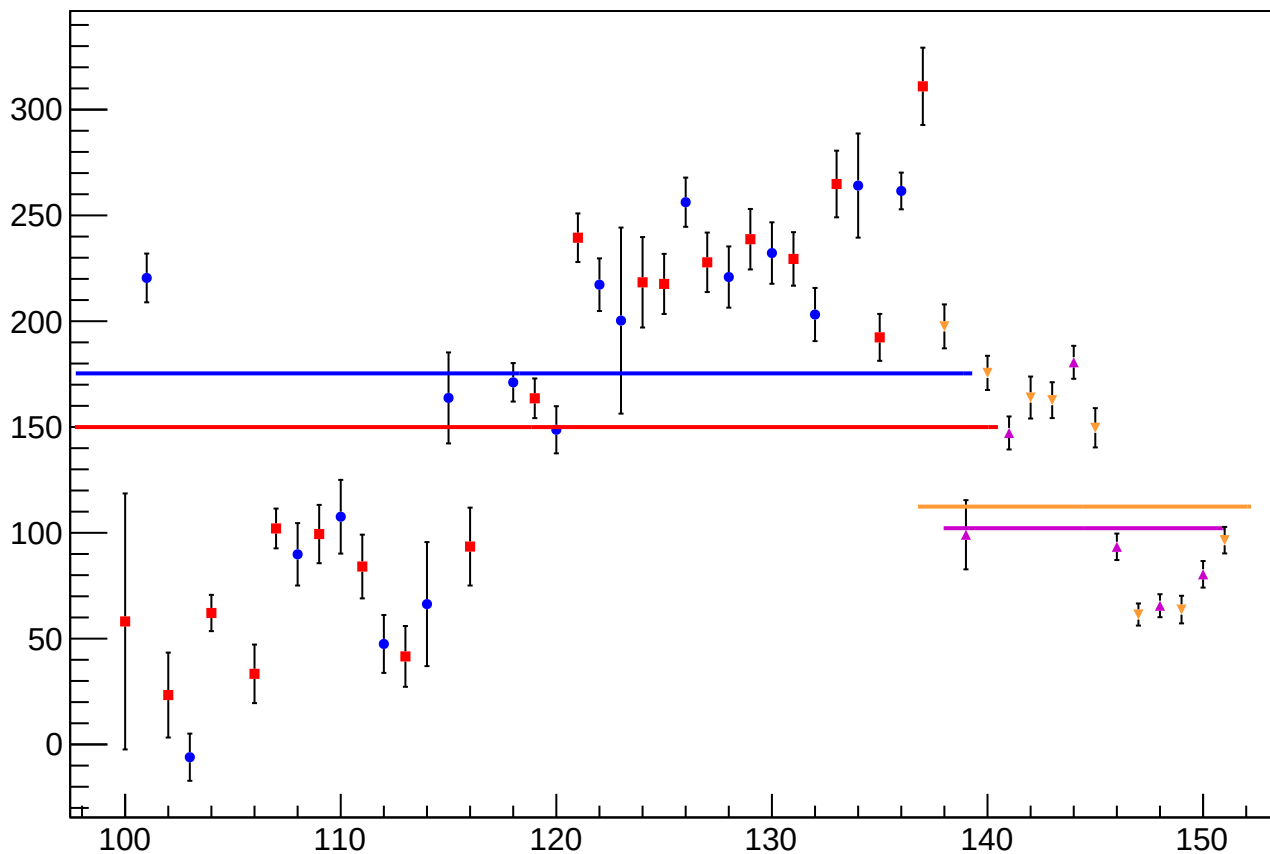
All: 6.909 ± 1.194 χ^2/NDF : 1169.4/49

- sign 9.414 ± 1.717 χ^2/NDF : 534.9/24

reg_asym_atr2_diff_bpm4eX_slope vs Slug



reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 ± 3.203 $\chi^2/\text{NDF}: 638.5/16$

Left Out: 112.392 ± 2.618 $\chi^2/\text{NDF}: 364.1/7$

Right Out: 149.966 ± 3.045 $\chi^2/\text{NDF}: 693.2/18$

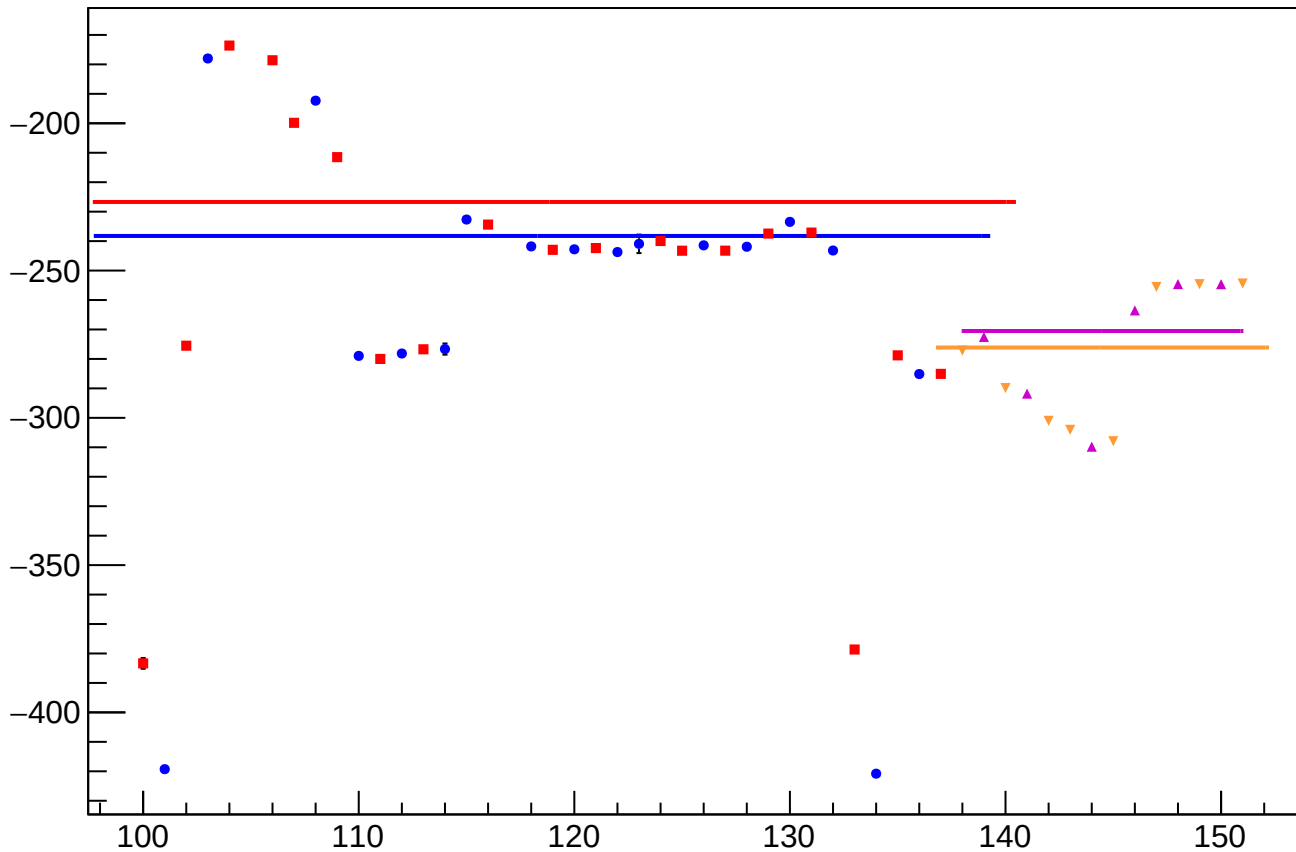
Left In: 102.184 ± 2.869 $\chi^2/\text{NDF}: 194.1/5$

+ sign 137.606 ± 2.027 $\chi^2/\text{NDF}: 1234.1/24$

All: 131.320 ± 1.454 $\chi^2/\text{NDF}: 2271.6/49$

- sign 124.651 ± 2.088 $\chi^2/\text{NDF}: 1017.7/24$

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -276.123+/-0.139 χ^2/NDF : 24423.5/7

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

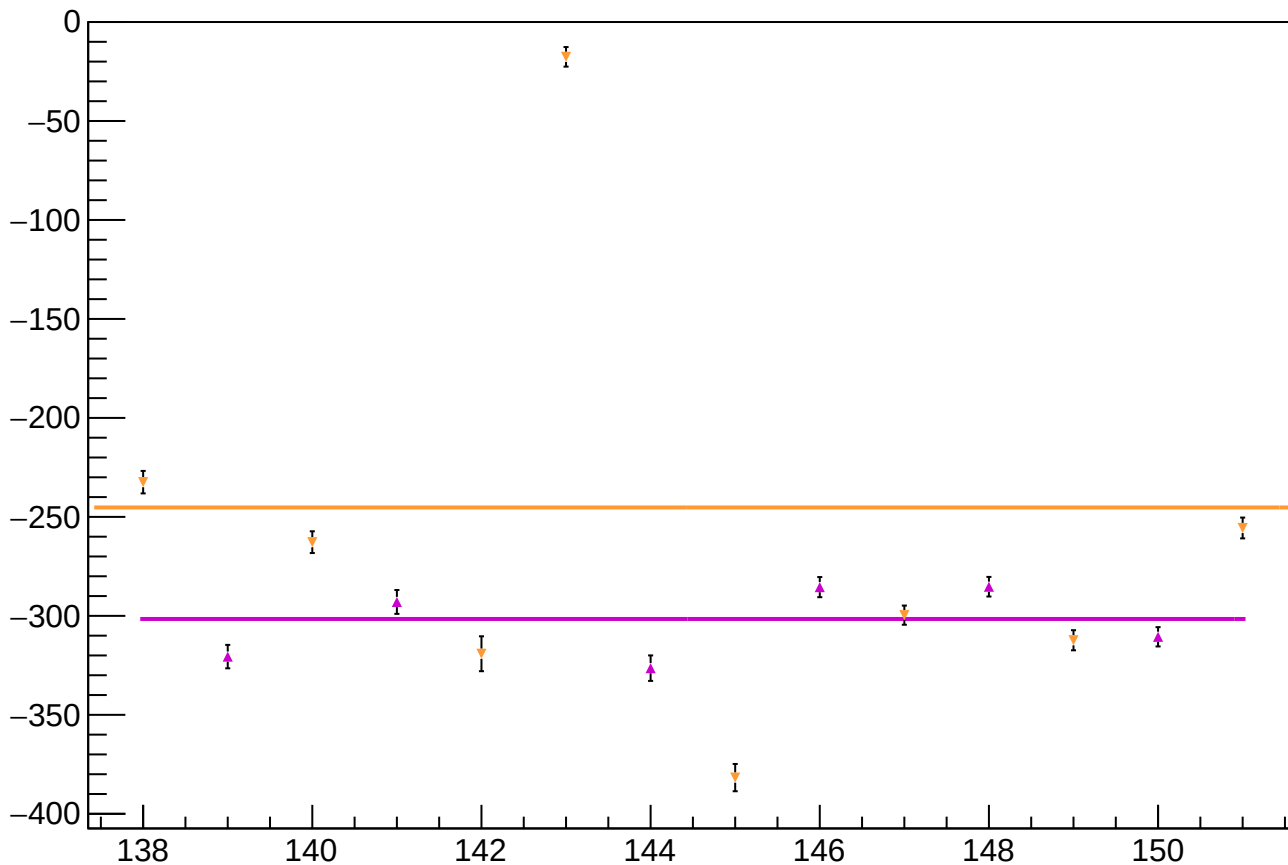
Left In: -270.518+/-0.146 χ^2/NDF : 16647.5/5

+ sign -259.866+/-0.105 χ^2/NDF : 223564.6/24

All: -254.606+/-0.074 χ^2/NDF : 391477.9/49

- sign -249.310+/-0.105 χ^2/NDF : 162854.6/24

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -245.242+/-1.974 χ^2/NDF : 2900.3/7

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

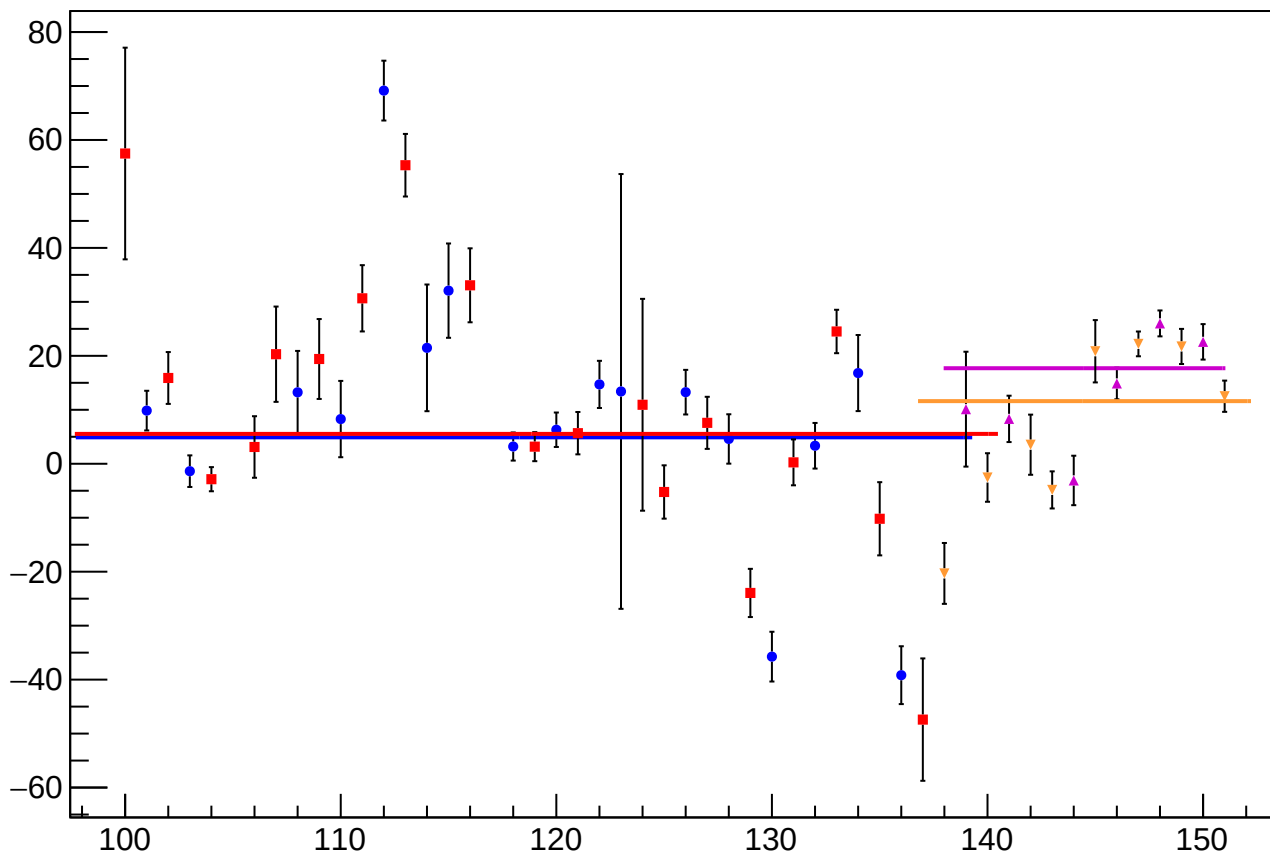
Left In: -301.567+/-2.227 χ^2/NDF : 51.5/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -270.035+/-1.477 χ^2/NDF : 3310.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: 11.606 ± 1.259 χ^2/NDF : 100.6/7

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

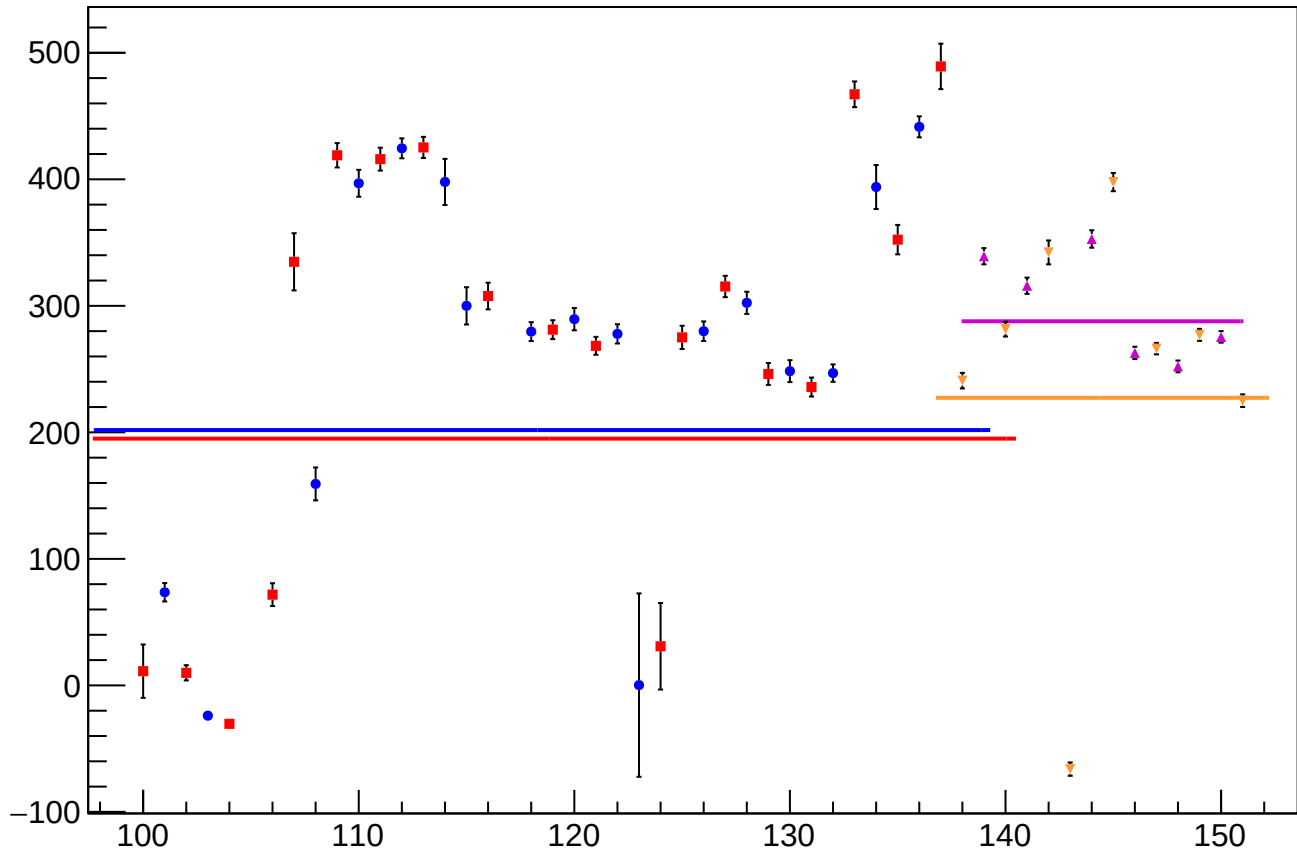
Left In: 17.704 ± 1.424 χ^2/NDF : 41.0/5

+ sign 7.769 ± 0.824 χ^2/NDF : 428.8/24

All: 8.808 ± 0.594 χ^2/NDF : 758.9/49

- sign 9.931 ± 0.856 χ^2/NDF : 326.7/24

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 227.299 $\pm$ 1.980 χ^2 /NDF: 4069.5/7

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

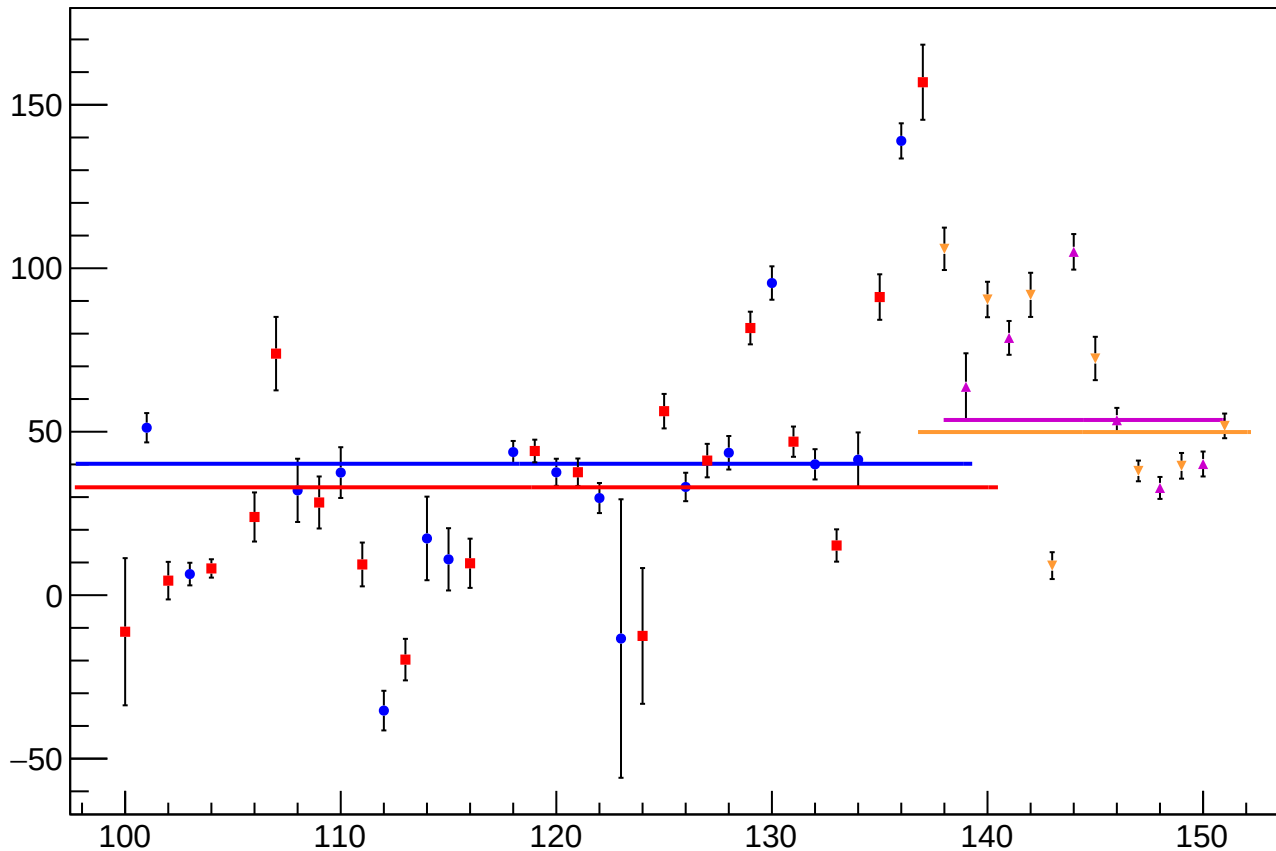
Left In: 287.790 $\pm$ 2.200 χ^2 /NDF: 265.5/5

+ sign 214.489 $\pm$ 1.397 χ^2 /NDF: 10907.0/24

All: 224.498 $\pm$ 1.005 χ^2 /NDF: 20543.0/49

- sign 235.260 $\pm$ 1.448 χ^2 /NDF: 9529.4/24

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 49.901 $\pm$ 1.588 χ^2 /NDF:300.9/7

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

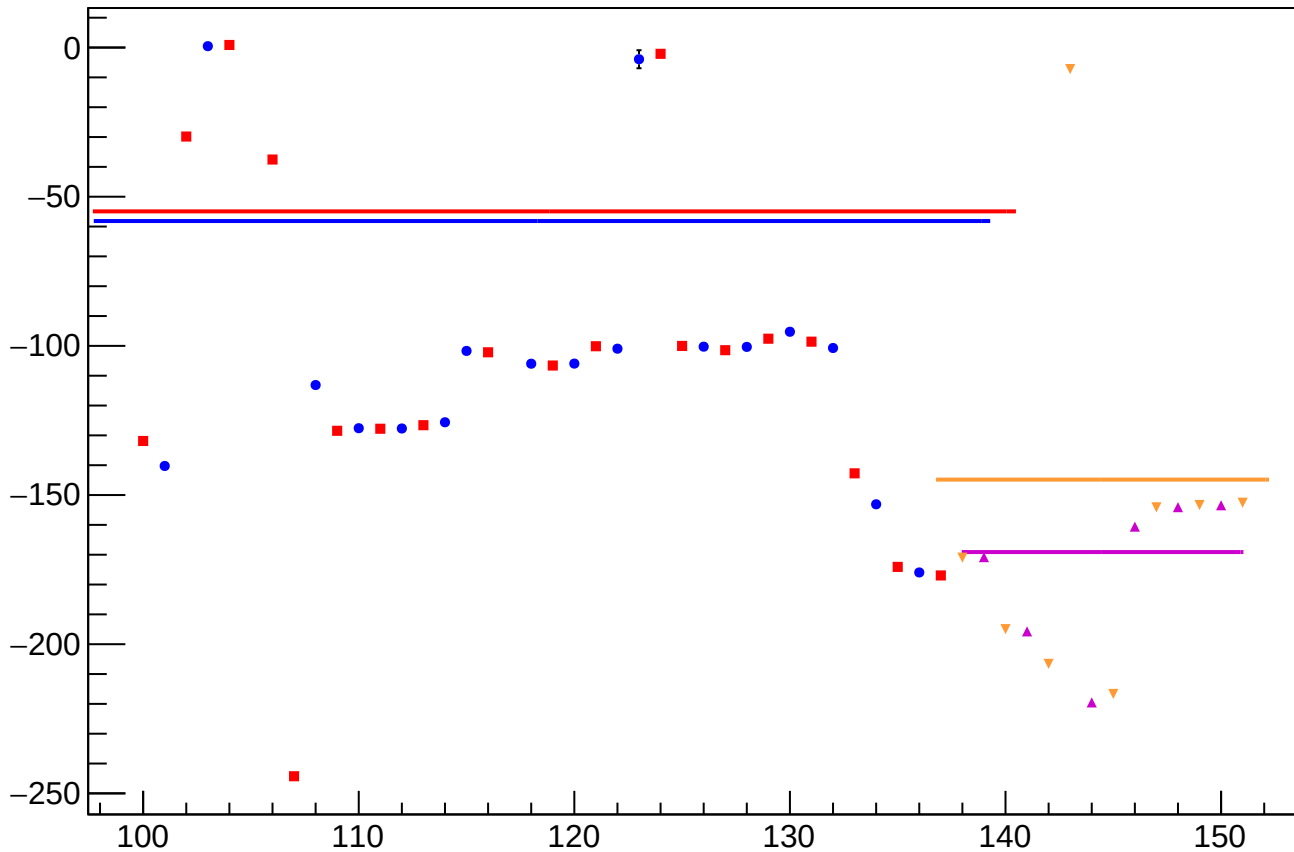
Left In: 53.595 $\pm$ 1.800 χ^2 /NDF:164.7/5

+ sign 43.972 $\pm$ 0.991 χ^2 /NDF: 1058.7/24

All: 41.924 $\pm$ 0.713 χ^2 /NDF: 1874.6/49

- sign 39.718 $\pm$ 1.028 χ^2 /NDF: 807.0/24

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 $\pm$ 0.062 χ^2 /NDF: 1105509.3/16

Left Out: -144.832 $\pm$ 0.084 χ^2 /NDF: 569317.8/7

Right Out: -54.914 $\pm$ 0.060 χ^2 /NDF: 1003885.5/18

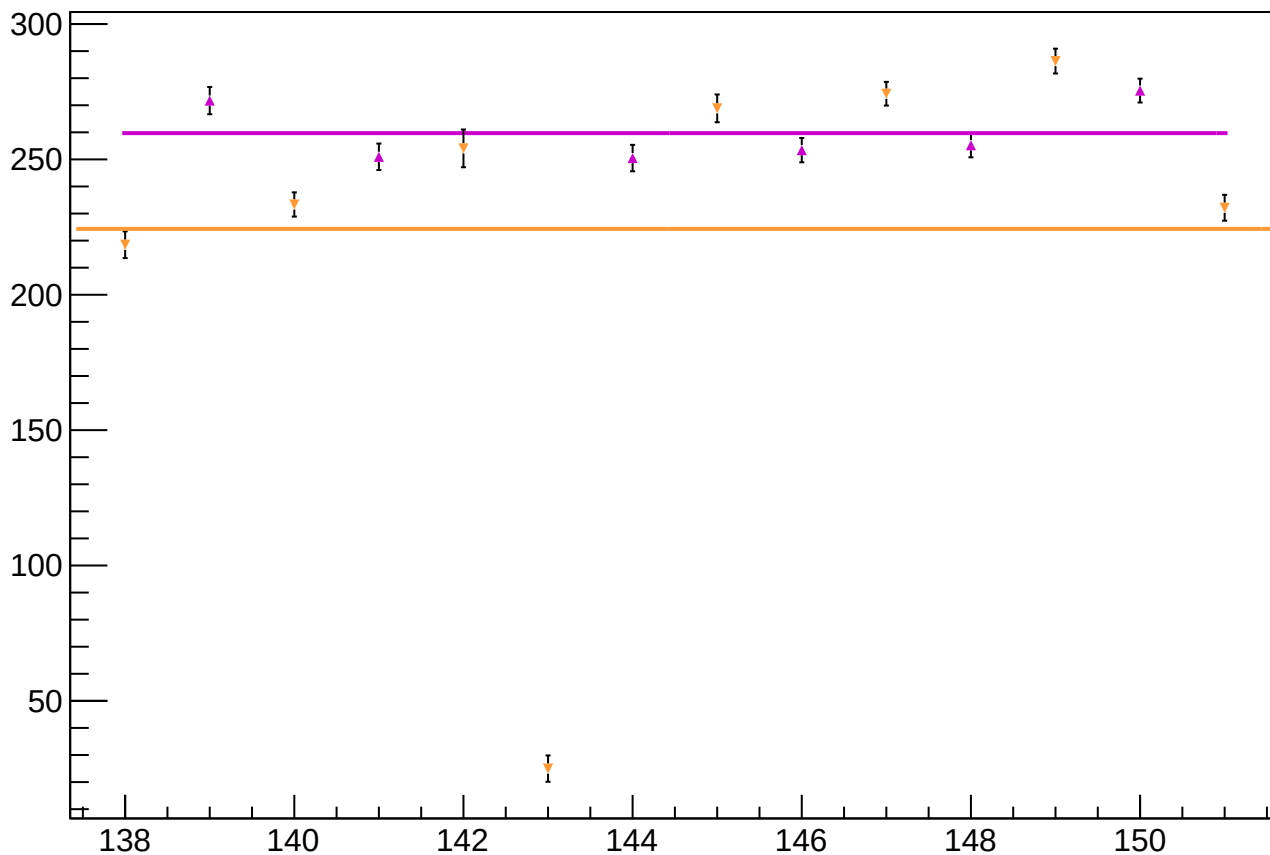
Left In: -169.113 $\pm$ 0.092 χ^2 /NDF: 52340.9/5

+ sign -88.281 $\pm$ 0.050 χ^2 /NDF: 2363561.7/24

All: -88.718 $\pm$ 0.035 χ^2 /NDF: 4498535.6/49

- sign -89.166 $\pm$ 0.050 χ^2 /NDF: 2134817.4/24

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 224.345+/-1.727 χ^2/NDF : 2090.1/7

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

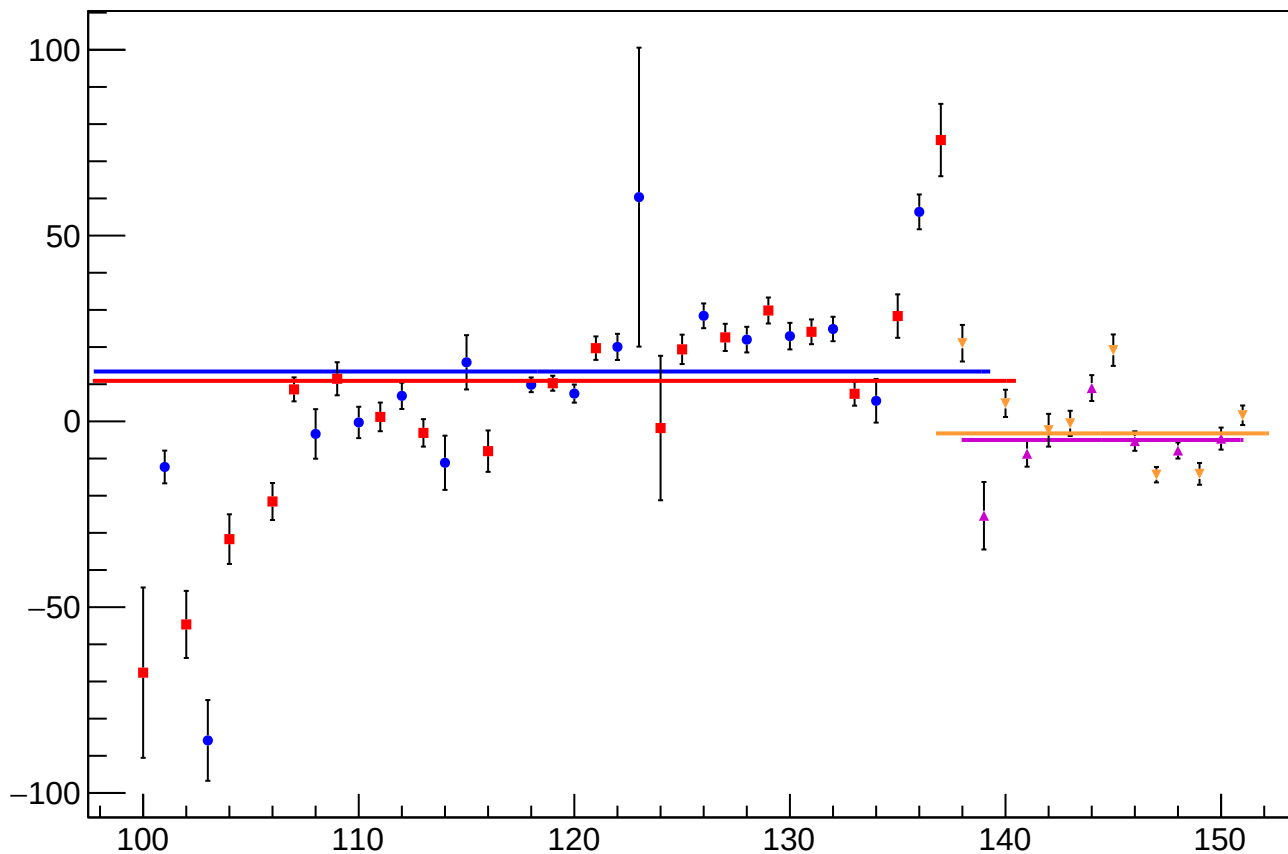
Left In: 259.706+/-1.910 χ^2/NDF : 28.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.254+/-1.281 χ^2/NDF : 2306.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423 $\pm$ 0.920 χ^2 /NDF: 295.2/16

Left Out: -3.236 $\pm$ 1.116 χ^2 /NDF: 103.7/7

Right Out: 10.908 $\pm$ 0.916 χ^2 /NDF: 302.6/18

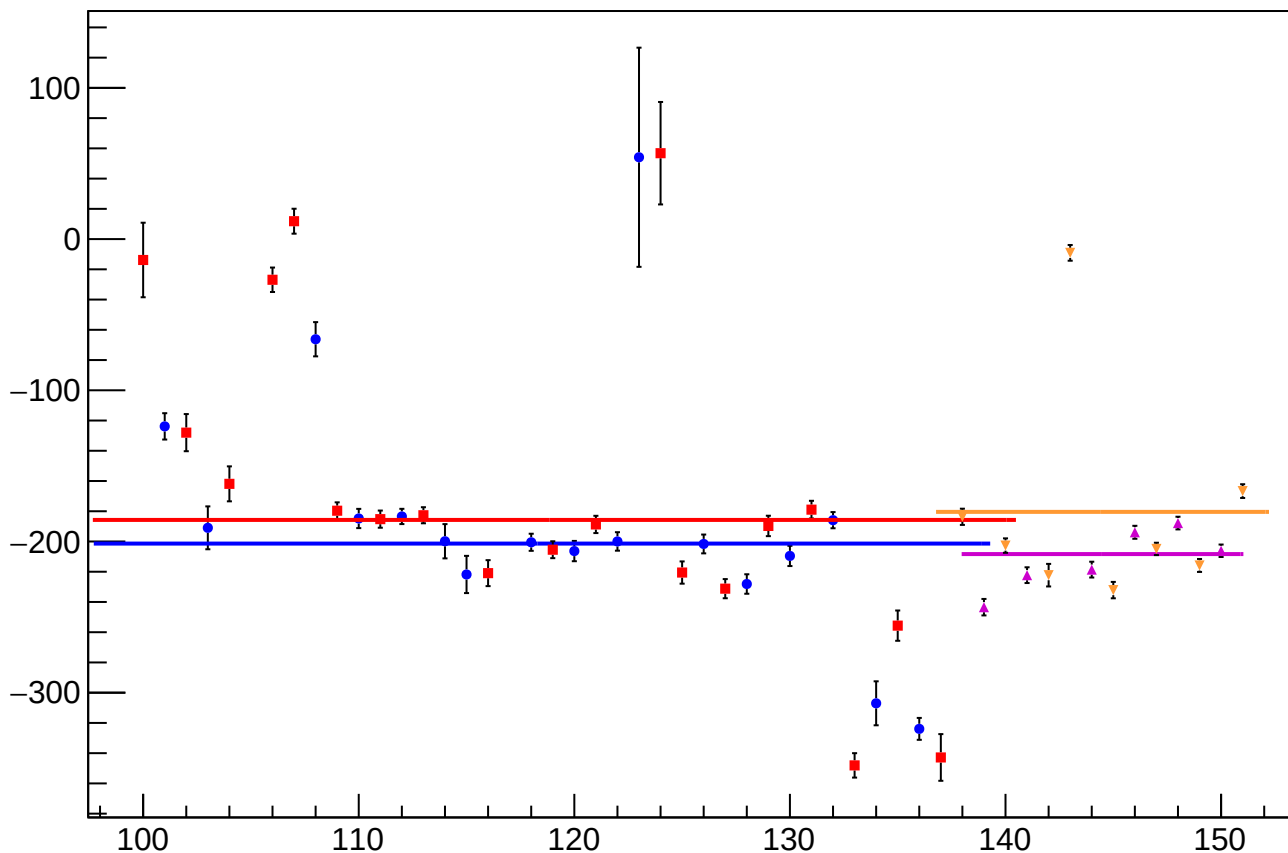
Left In: -5.002 $\pm$ 1.243 χ^2 /NDF: 24.0/5

+ sign 6.688 $\pm$ 0.710 χ^2 /NDF: 531.6/24

All: 6.023 $\pm$ 0.511 χ^2 /NDF: 966.2/49

- sign 5.306 $\pm$ 0.737 χ^2 /NDF: 432.8/24

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -180.412 ± 1.740 χ^2/NDF : 1343.8/7

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

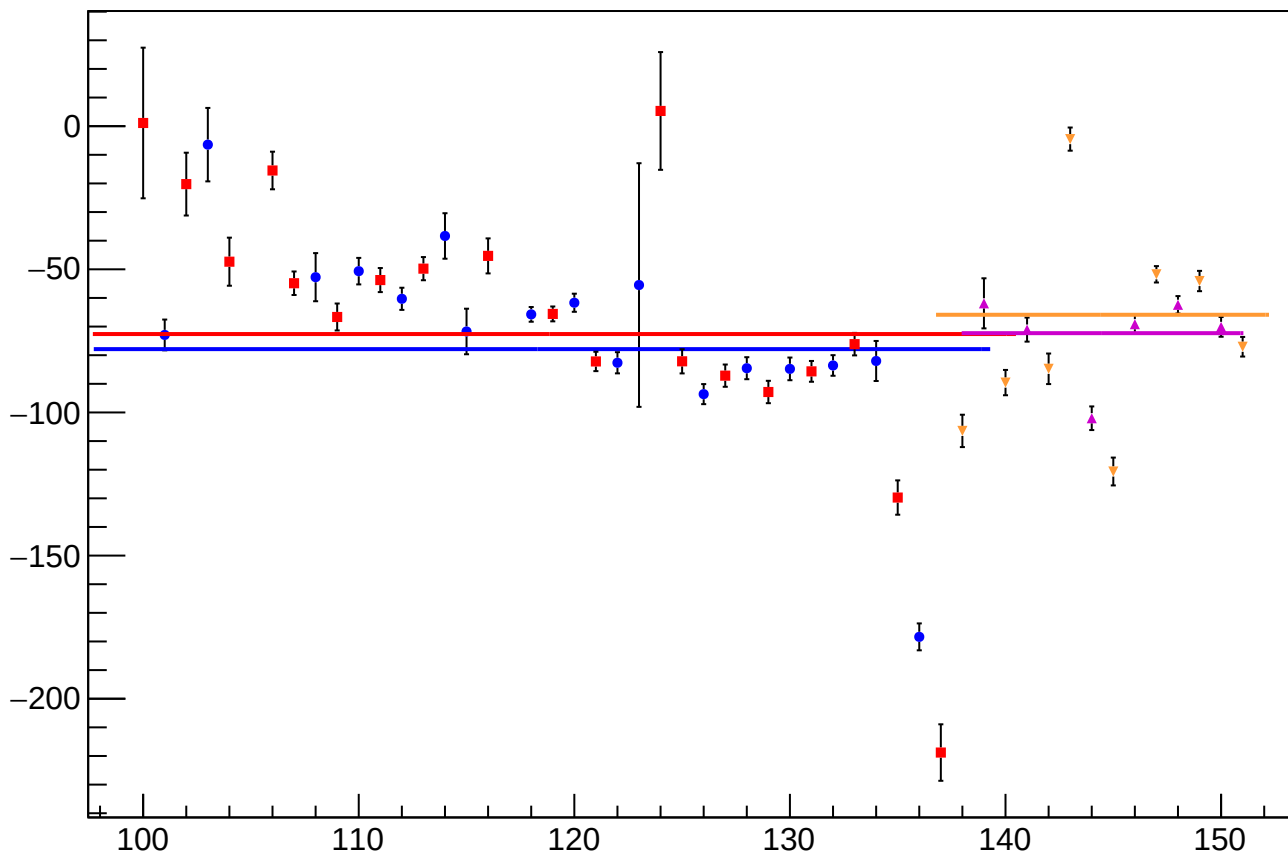
Left In: -208.323 ± 1.899 χ^2/NDF : 88.0/5

+ sign -190.661 ± 1.244 χ^2/NDF : 2038.3/24

All: -193.176 ± 0.888 χ^2/NDF : 3962.4/49

- sign -195.784 ± 1.267 χ^2/NDF : 1915.8/24

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -65.876 ± 1.404 χ^2/NDF : 495.6/7

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

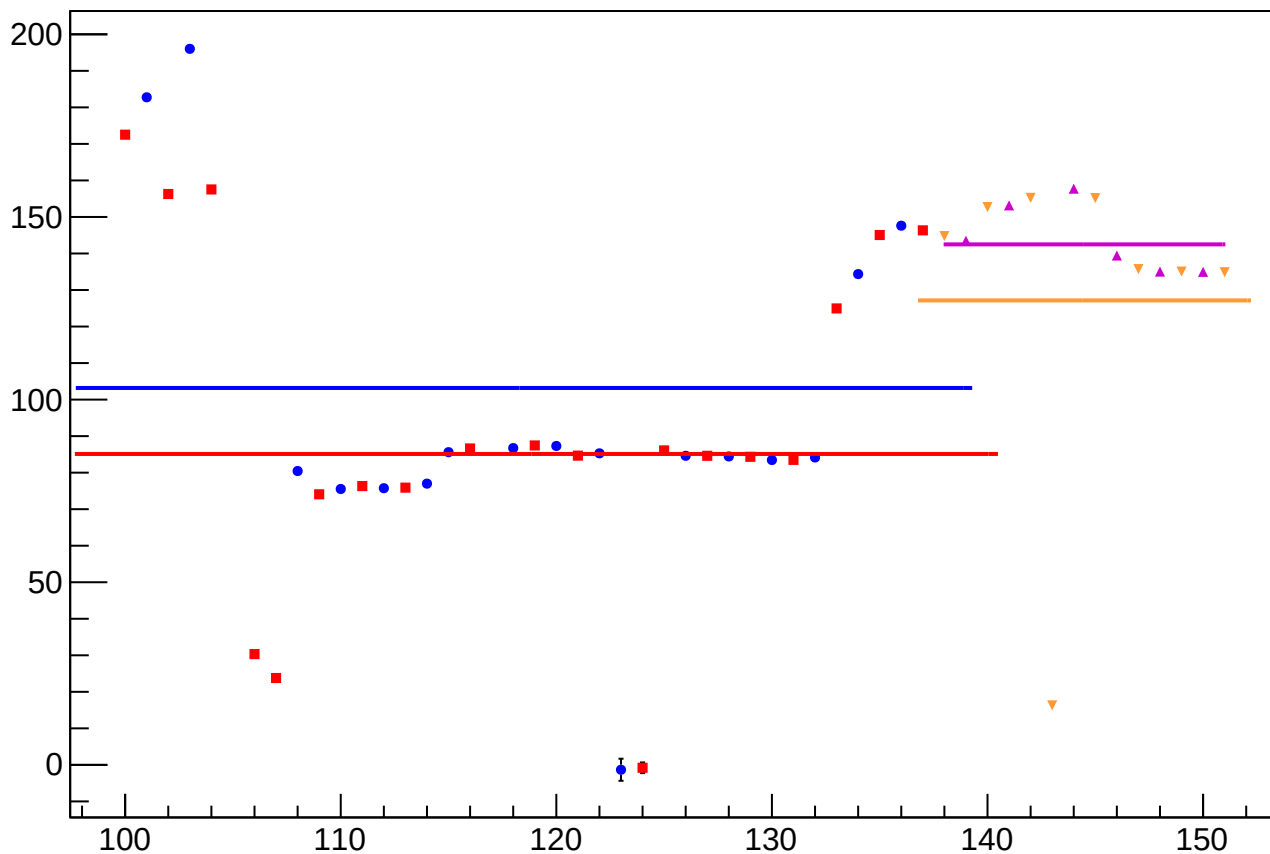
Left In: -72.302 ± 1.562 χ^2/NDF : 65.3/5

+ sign -73.489 ± 0.849 χ^2/NDF : 1200.1/24

All: -73.016 ± 0.609 χ^2/NDF : 1873.0/49

- sign -72.515 ± 0.874 χ^2/NDF : 672.2/24

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 127.151 $\pm$ 0.074 χ^2 /NDF: 337560.2/7

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

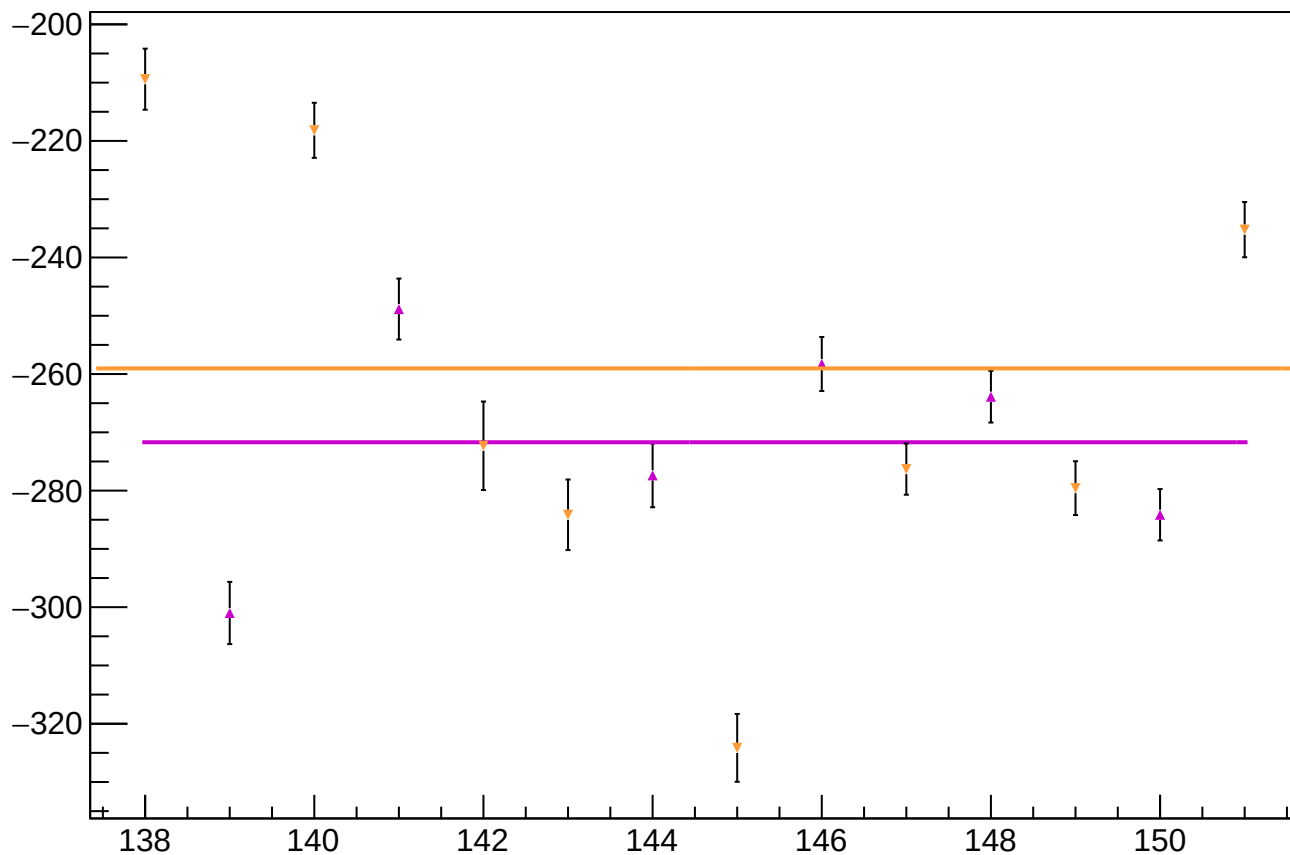
Left In: 142.493 $\pm$ 0.079 χ^2 /NDF: 10906.2/5

+ sign 114.577 $\pm$ 0.051 χ^2 /NDF: 666312.8/24

All: 111.003 $\pm$ 0.036 χ^2 /NDF: 1427968.5/49

- sign 107.604 $\pm$ 0.050 χ^2 /NDF: 752057.1/24

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.032+/-1.830 χ^2/NDF : 370.2/7

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

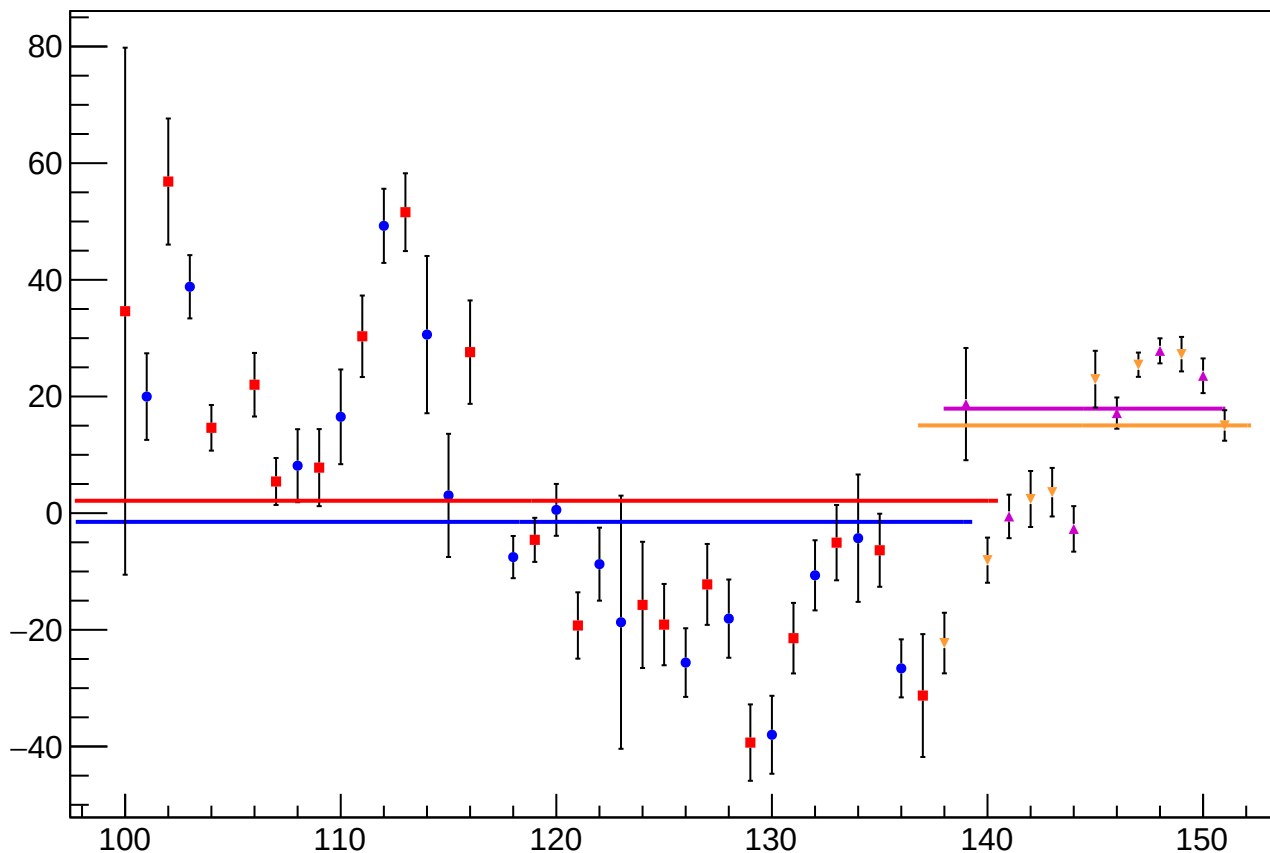
Left In: -271.701+/-1.984 χ^2/NDF : 69.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.855+/-1.345 χ^2/NDF : 462.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492+/-1.513 χ^2/NDF : 226.1/16

Left Out: 15.045+/-1.163 χ^2/NDF : 146.4/7

Right Out: 2.127+/-1.402 χ^2/NDF : 232.6/18

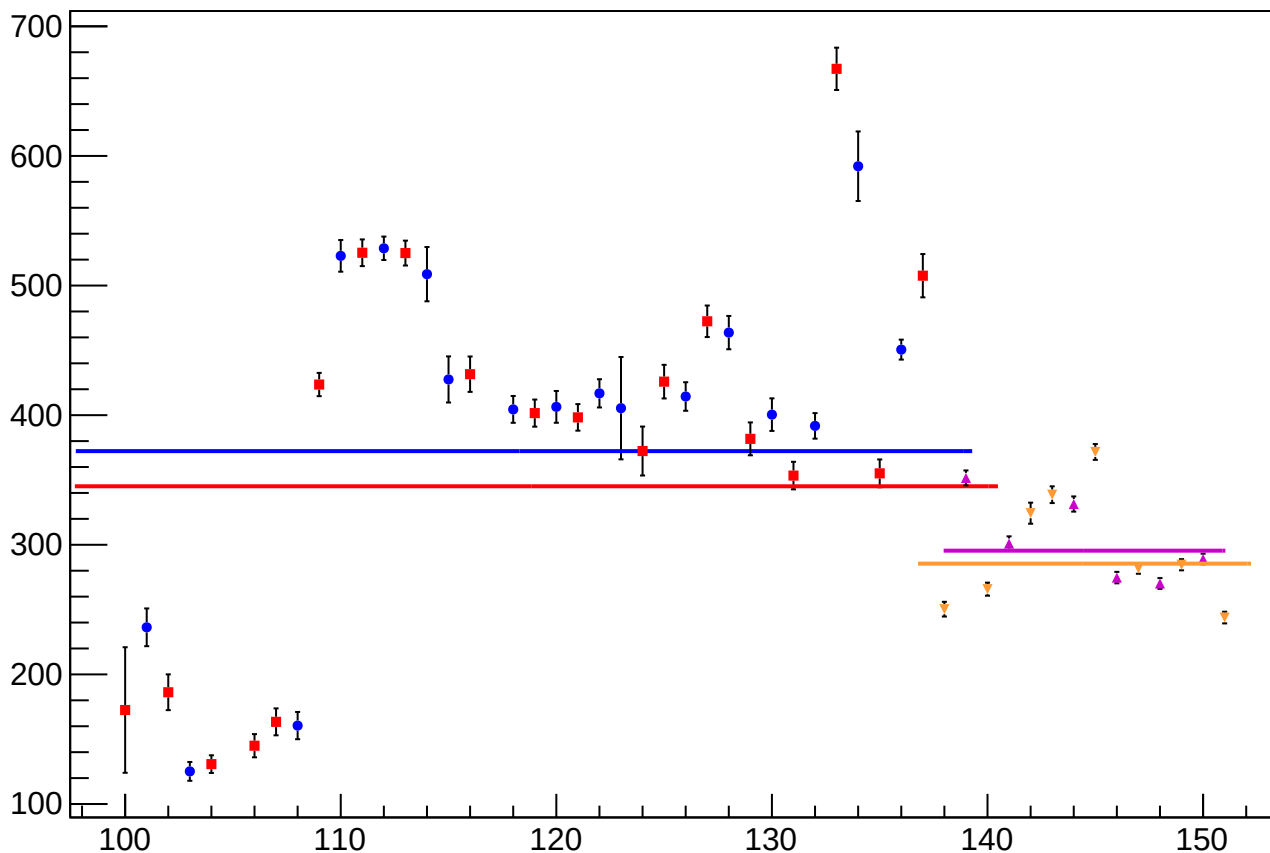
Left In: 17.918+/-1.273 χ^2/NDF : 77.4/5

+ sign 8.902+/-0.922 χ^2/NDF : 447.6/24

All: 9.823+/-0.659 χ^2/NDF : 829.2/49

- sign 10.785+/-0.942 χ^2/NDF : 379.6/24

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 285.465 $\pm$ 1.830 χ^2 /NDF: 428.8/7

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

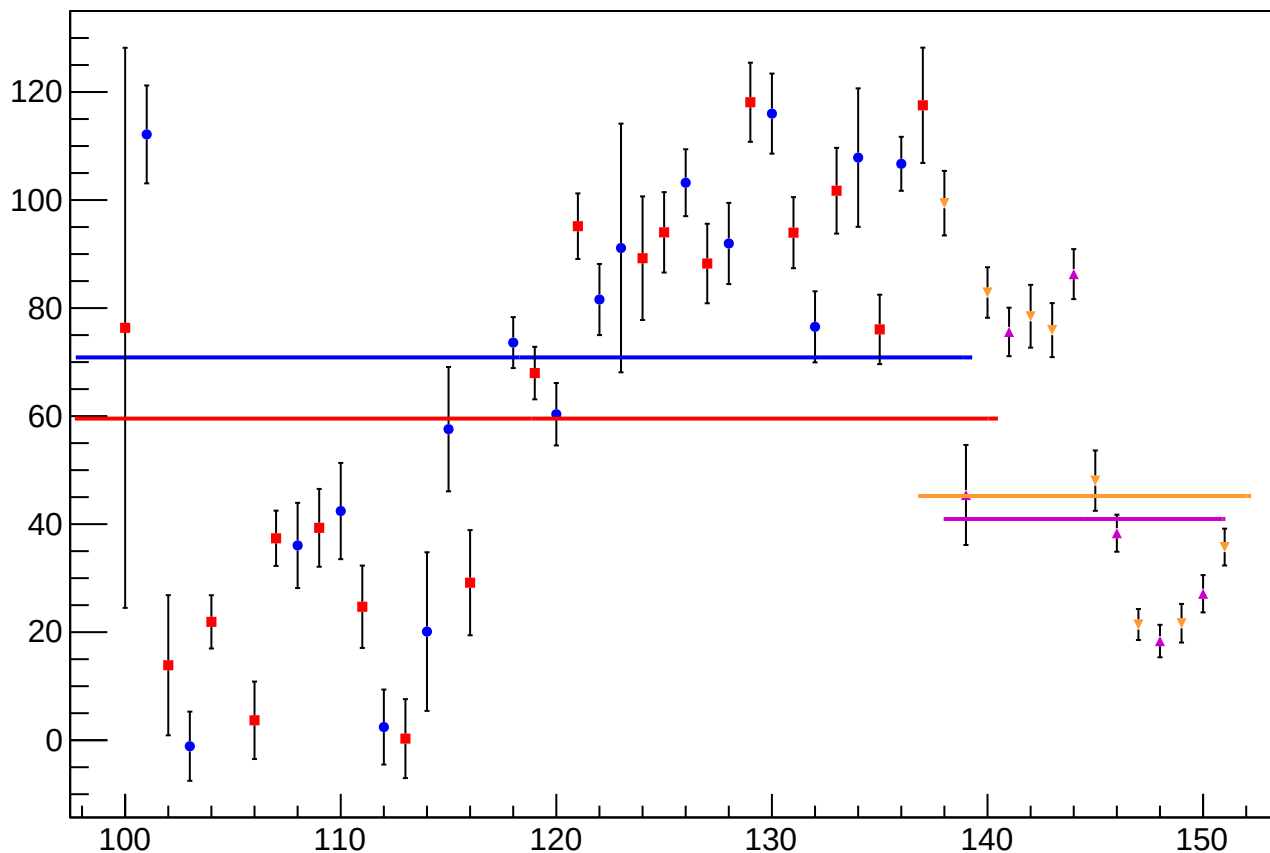
Left In: 295.461 $\pm$ 1.964 χ^2 /NDF: 194.8/5

+ sign 311.987 $\pm$ 1.525 χ^2 /NDF: 3549.1/24

All: 312.895 $\pm$ 1.090 χ^2 /NDF: 7397.8/49

- sign 313.843 $\pm$ 1.559 χ^2 /NDF: 3848.1/24

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 45.209 $\pm$ 1.472 χ^2 /NDF: 337.9/7

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

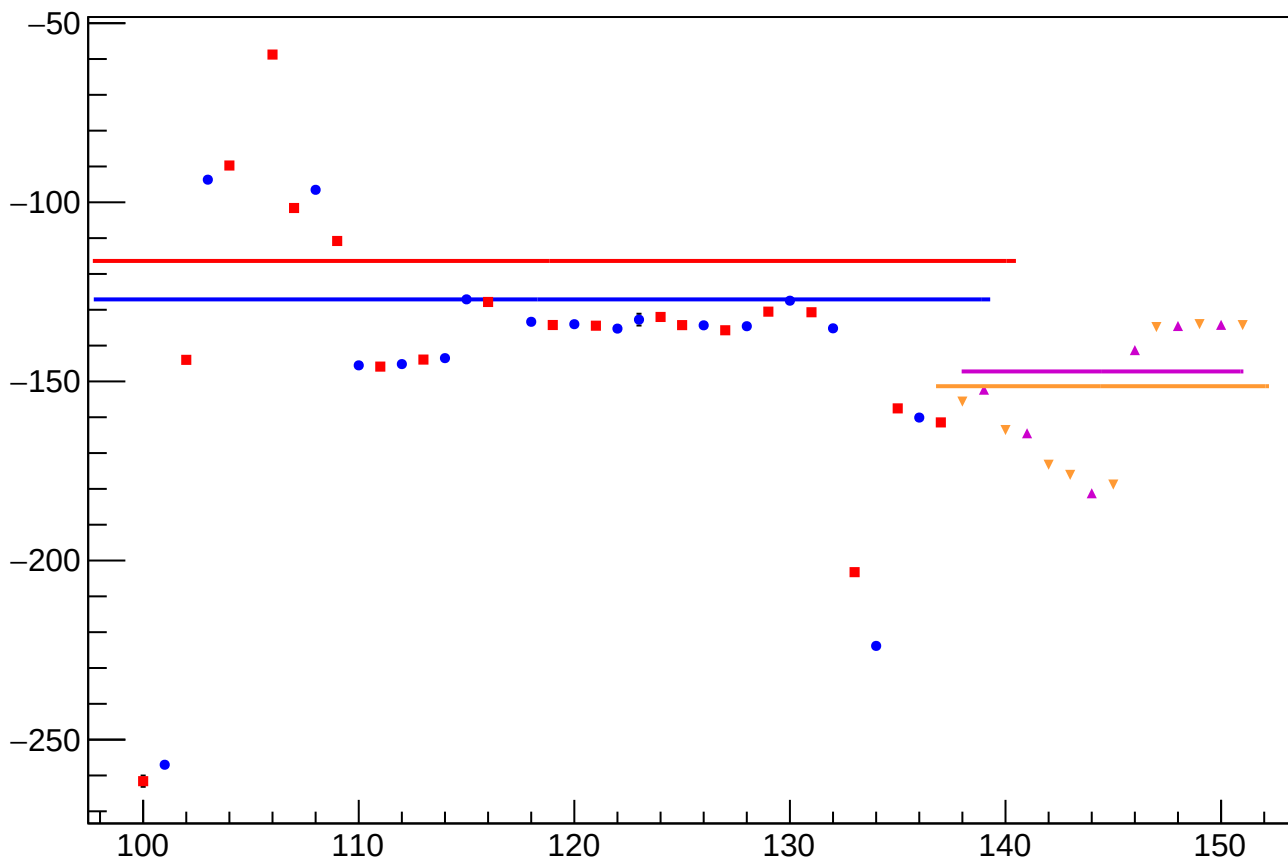
Left In: 40.955 $\pm$ 1.607 χ^2 /NDF: 228.8/5

+ sign 55.894 $\pm$ 1.125 χ^2 /NDF: 891.4/24

All: 53.049 $\pm$ 0.802 χ^2 /NDF: 1690.0/49

- sign 50.098 $\pm$ 1.145 χ^2 /NDF: 785.6/24

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -151.337+/-0.078 χ^2/NDF : 53429.5/7

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

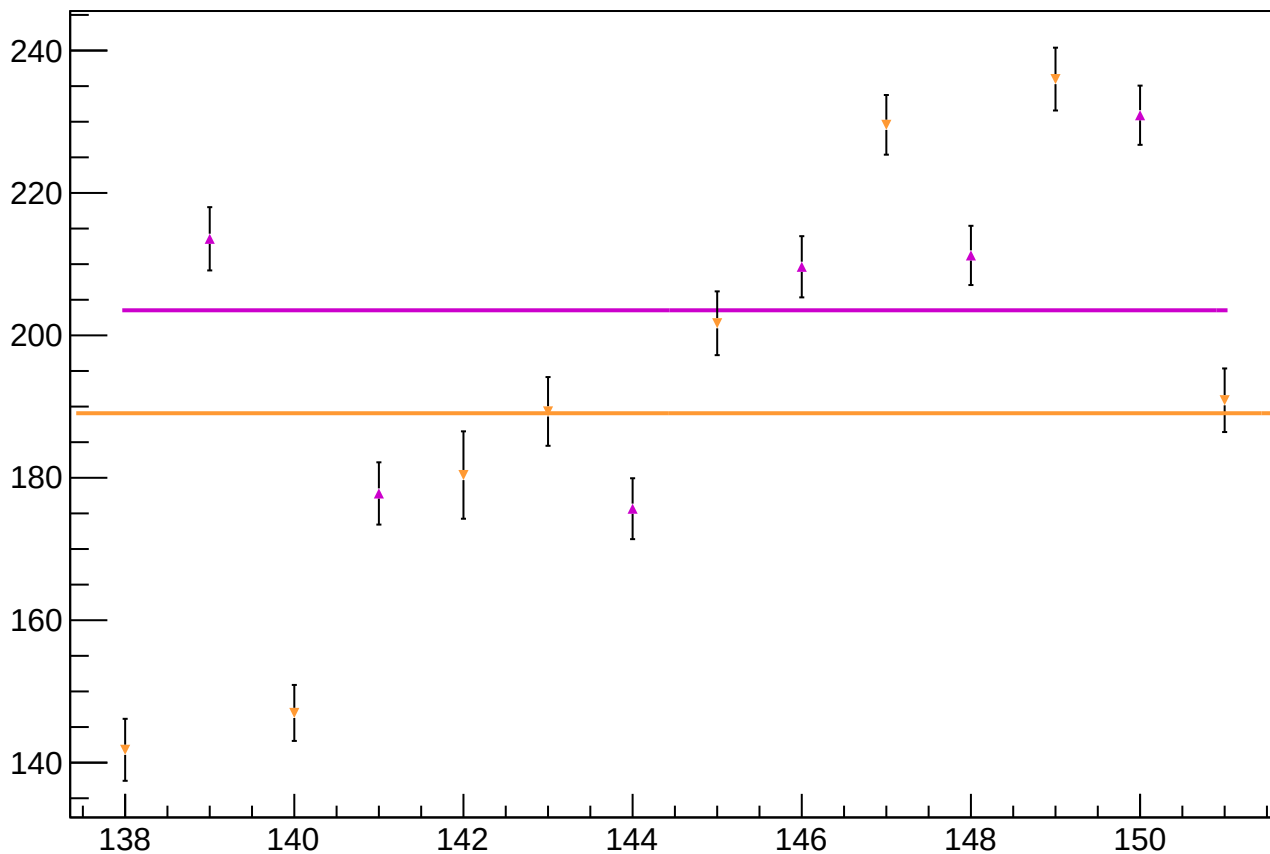
Left In: -147.217+/-0.082 χ^2/NDF : 35678.9/5

+ sign -140.819+/-0.059 χ^2/NDF : 262043.2/24

All: -136.335+/-0.041 χ^2/NDF : 546625.7/49

- sign -131.937+/-0.058 χ^2/NDF : 273112.5/24

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 189.066+/-1.590 χ^2/NDF : 449.3/7

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

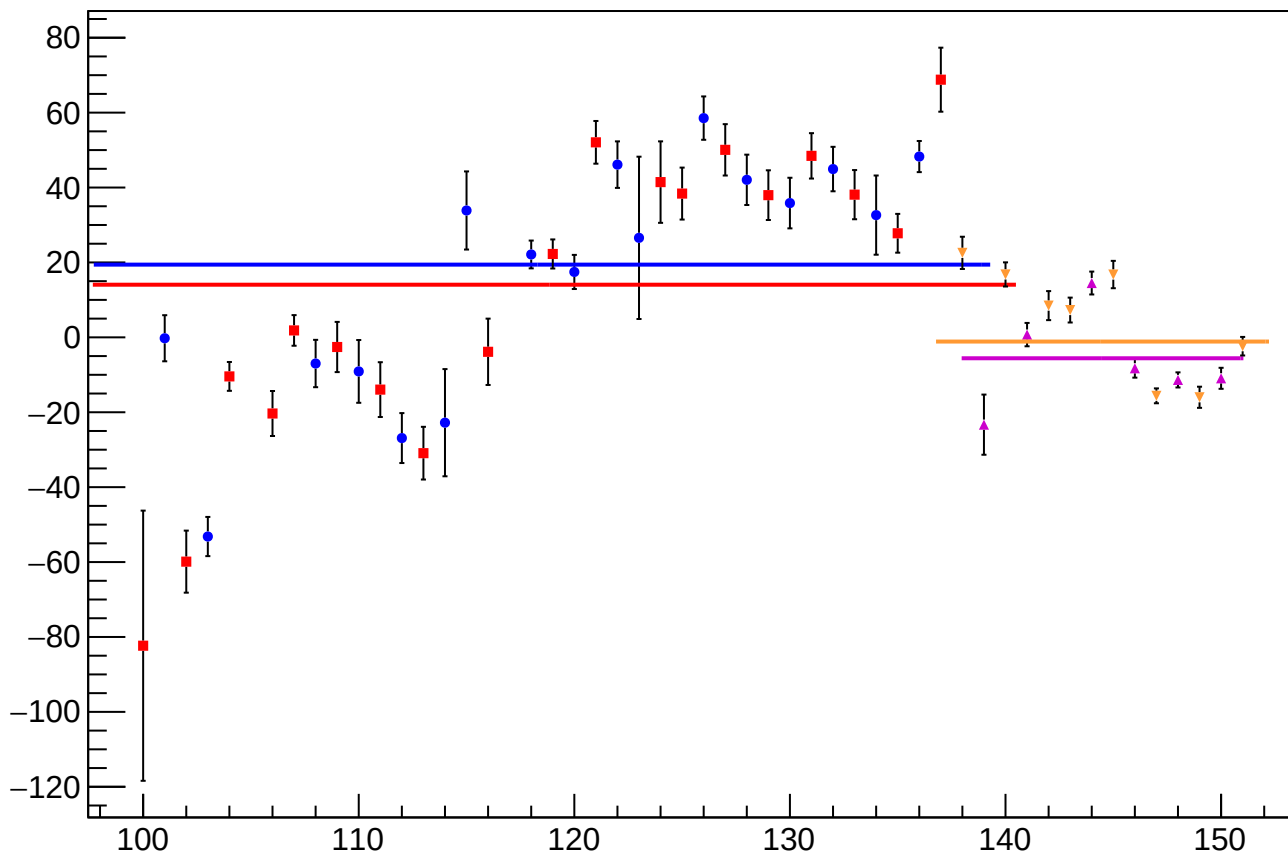
Left In: 203.523+/-1.747 χ^2/NDF : 131.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.616+/-1.176 χ^2/NDF : 617.8/13

- 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: -1.123 ± 1.040 χ^2/NDF : 179.0/7

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

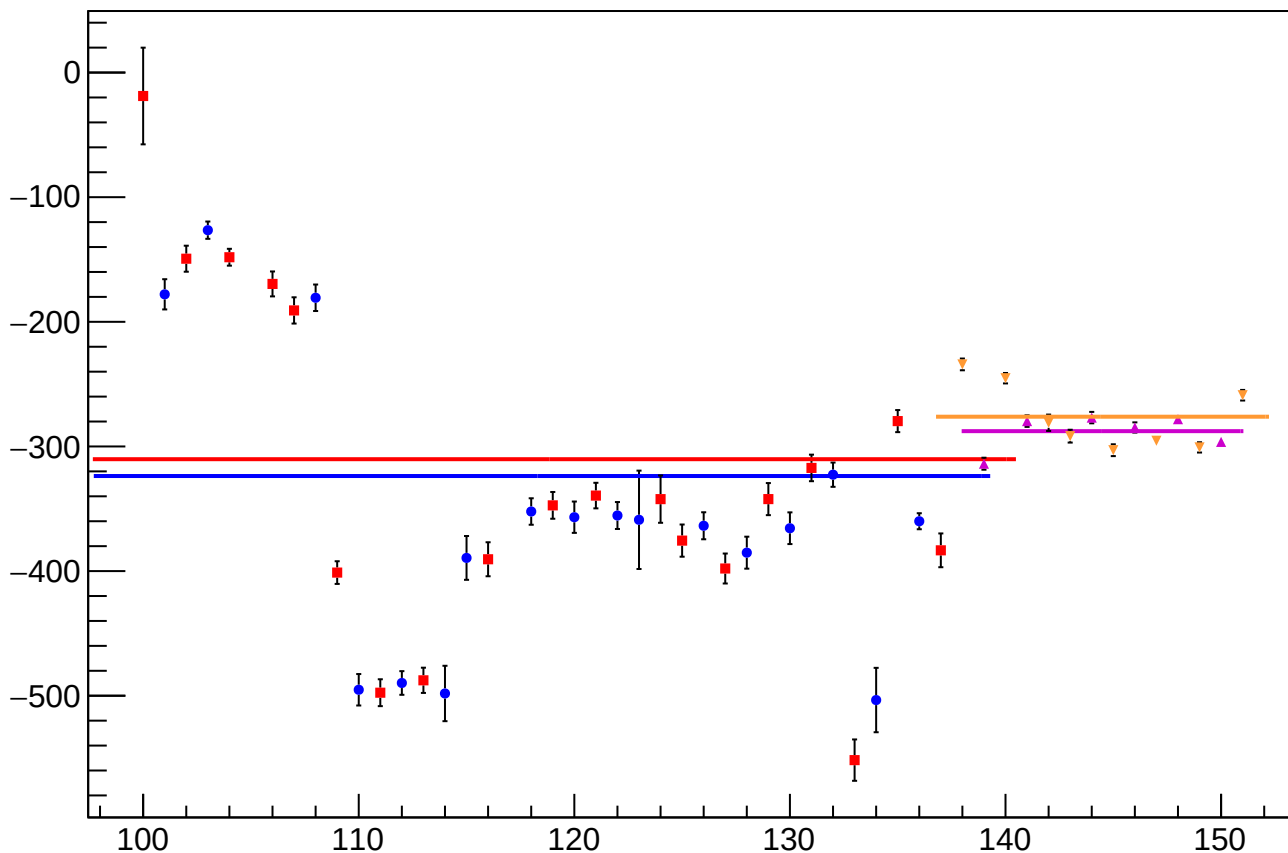
Left In: -5.585 ± 1.149 χ^2/NDF : 65.2/5

+ sign 5.669 ± 0.851 χ^2/NDF : 749.1/24

All: 4.086 ± 0.614 χ^2/NDF : 1376.5/49

- sign 2.370 ± 0.886 χ^2/NDF : 620.2/24

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -276.128 ± 1.608 χ^2/NDF : 251.7/7

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

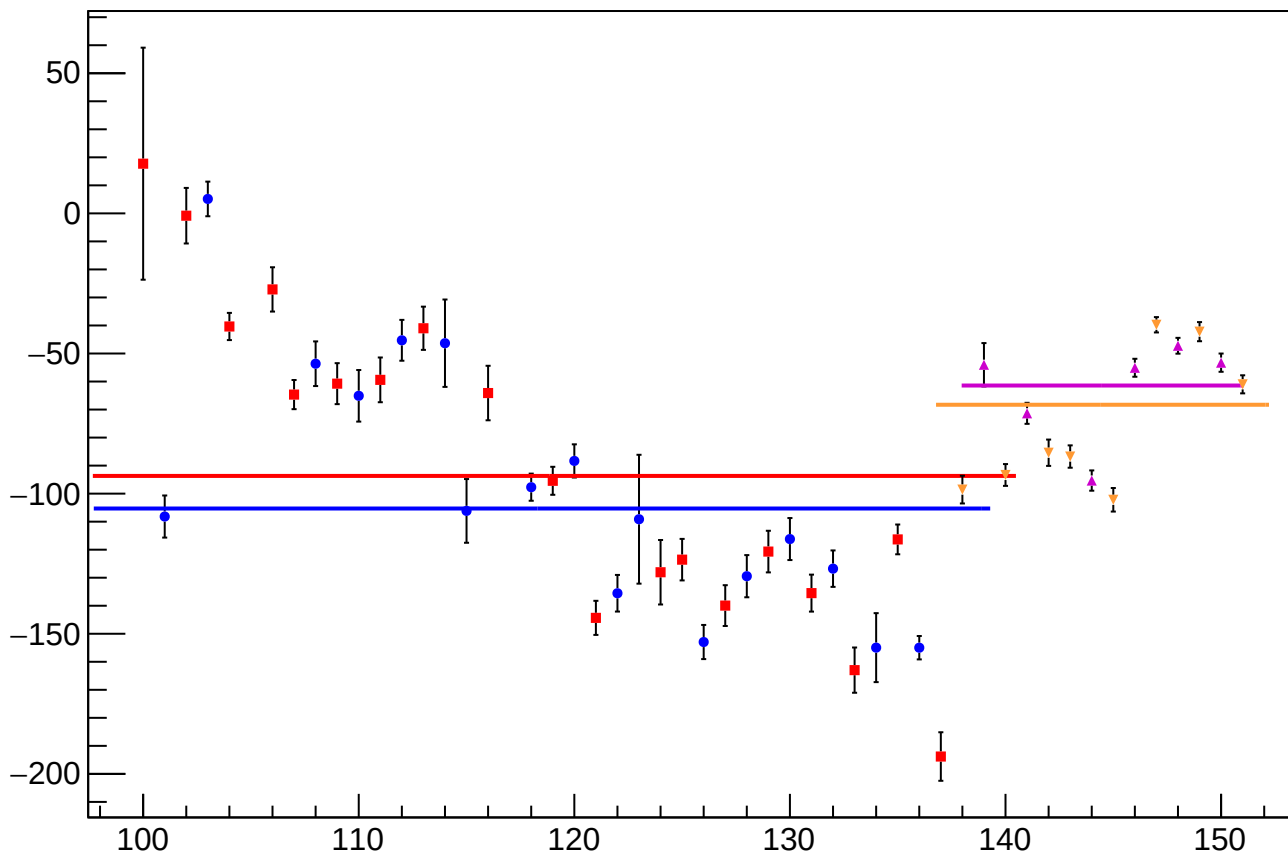
Left In: -287.725 ± 1.745 χ^2/NDF : 49.6/5

+ sign -288.812 ± 1.377 χ^2/NDF : 2335.8/24

All: -291.781 ± 0.994 χ^2/NDF : 4748.9/49

- sign -295.003 ± 1.435 χ^2/NDF : 2403.4/24

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -68.286 ± 1.305 χ^2/NDF : 350.8/7

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

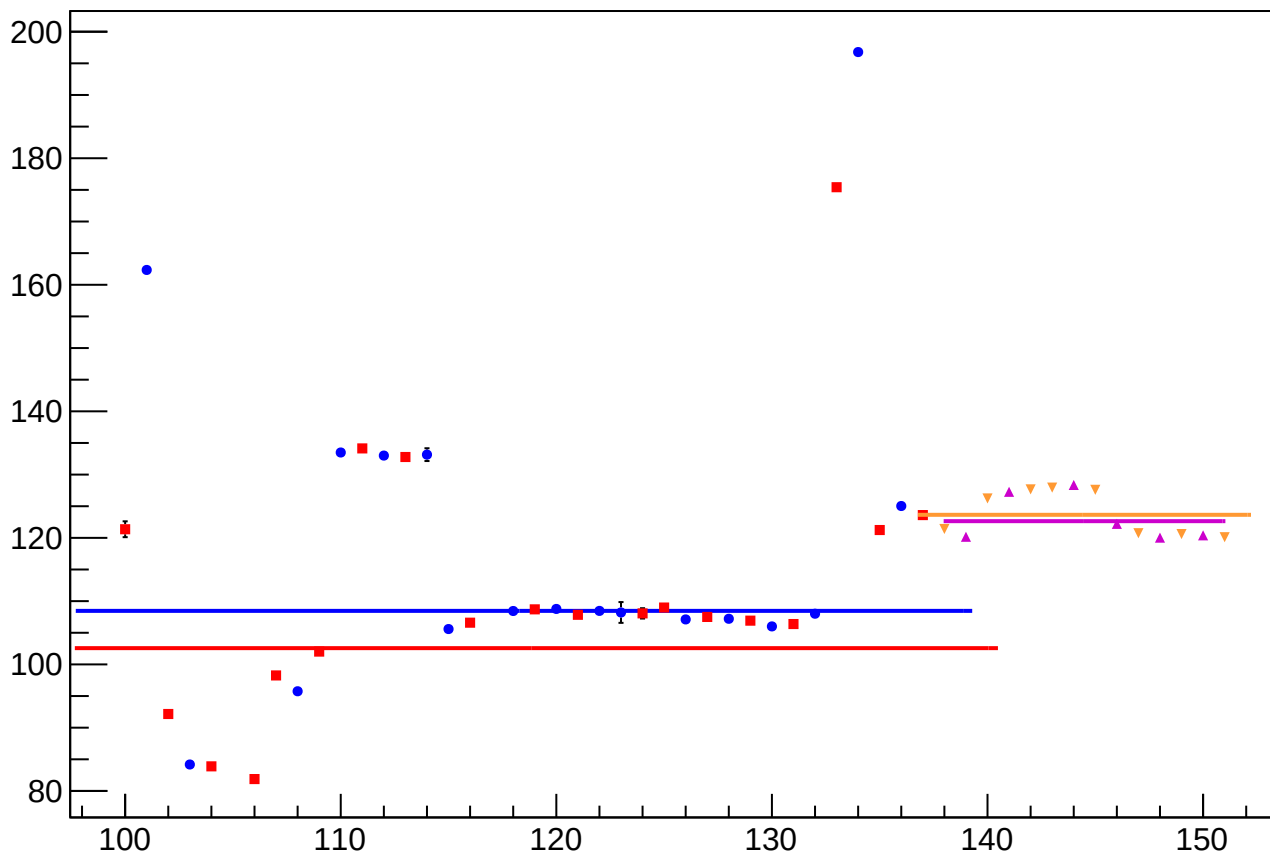
Left In: -61.424 ± 1.441 χ^2/NDF : 131.2/5

+ sign -82.083 ± 1.034 χ^2/NDF : 1388.2/24

All: -79.041 ± 0.745 χ^2/NDF : 2586.5/49

- sign -75.756 ± 1.074 χ^2/NDF : 1180.3/24

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Left Out: 123.644+/-0.068 χ^2/NDF : 2361.4/7

Right Out: 102.570+/-0.079 χ^2/NDF : 53143.8/18

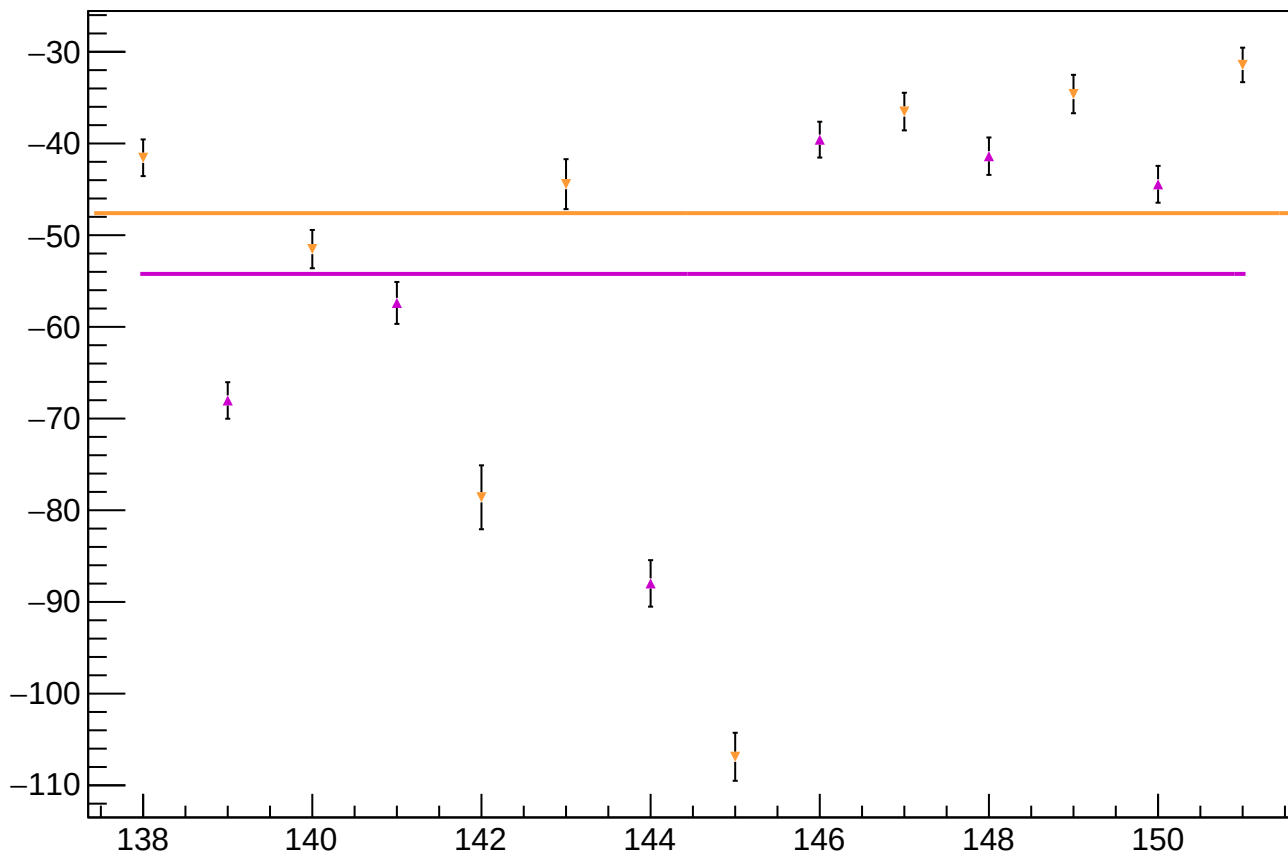
Left In: 122.639+/-0.073 χ^2/NDF : 2078.0/5

+ sign 117.670+/-0.053 χ^2/NDF : 95146.6/24

All: 115.603+/-0.038 χ^2/NDF : 188158.4/49

- sign 113.498+/-0.054 χ^2/NDF : 89957.9/24

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -47.598+/-0.793 χ^2/NDF : 746.9/7

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

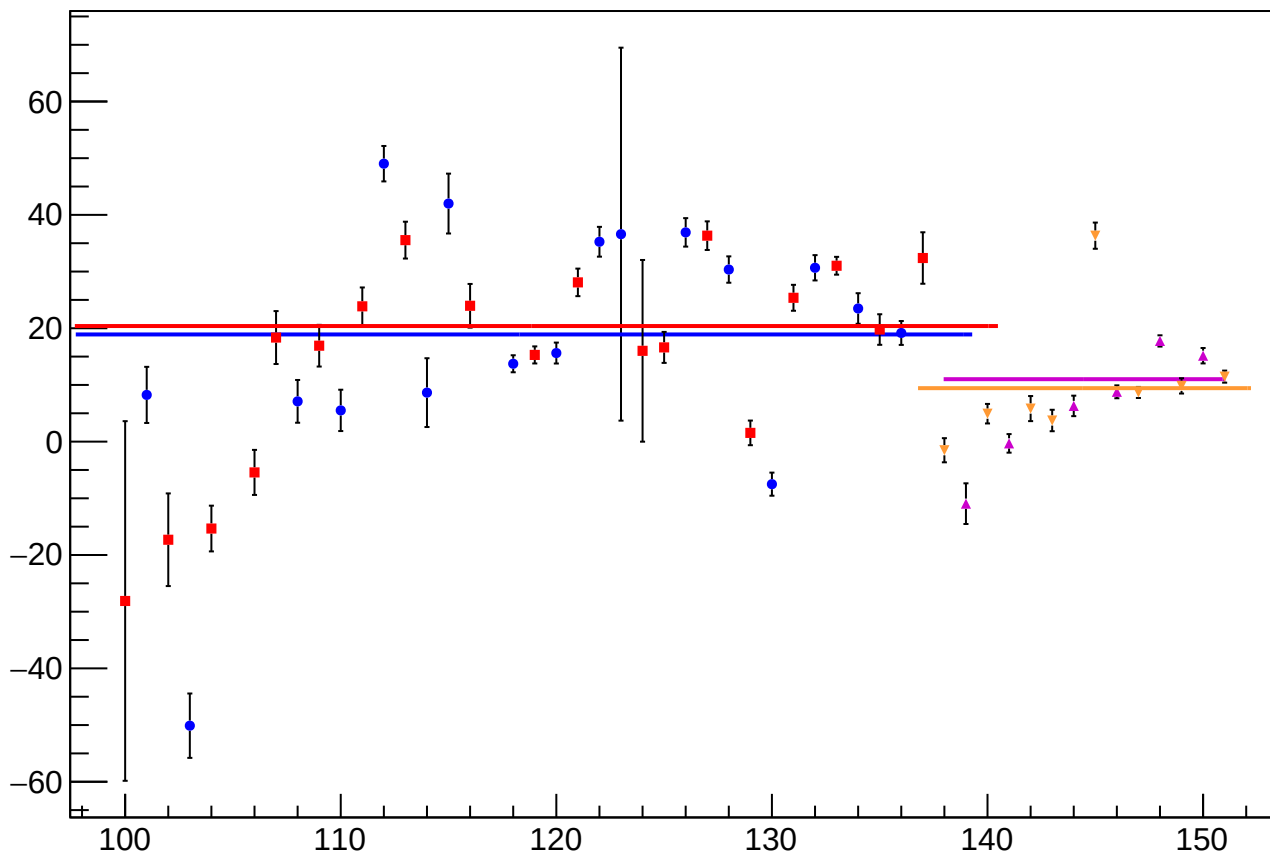
Left In: -54.223+/-0.861 χ^2/NDF : 346.7/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.639+/-0.583 χ^2/NDF : 1125.6/13

- 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: 9.431 ± 0.519 χ^2/NDF : 184.9/7

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

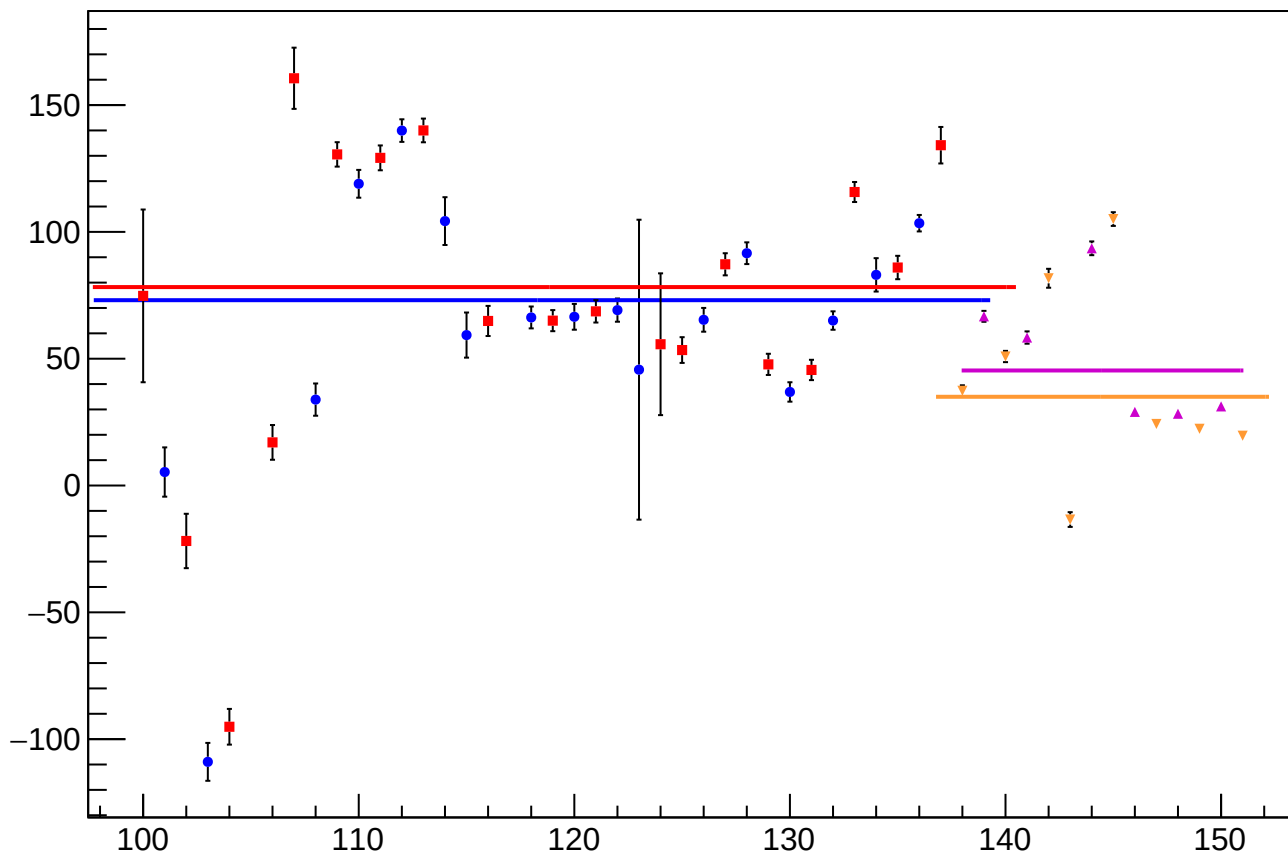
Left In: 11.014 ± 0.570 χ^2/NDF : 151.4/5

+ sign 13.163 ± 0.404 χ^2/NDF : 935.2/24

All: 14.093 ± 0.293 χ^2/NDF : 1582.1/49

- sign 15.130 ± 0.427 χ^2/NDF : 635.6/24

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 34.988 $\pm$ 0.795 χ^2 /NDF:1303.1/7

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

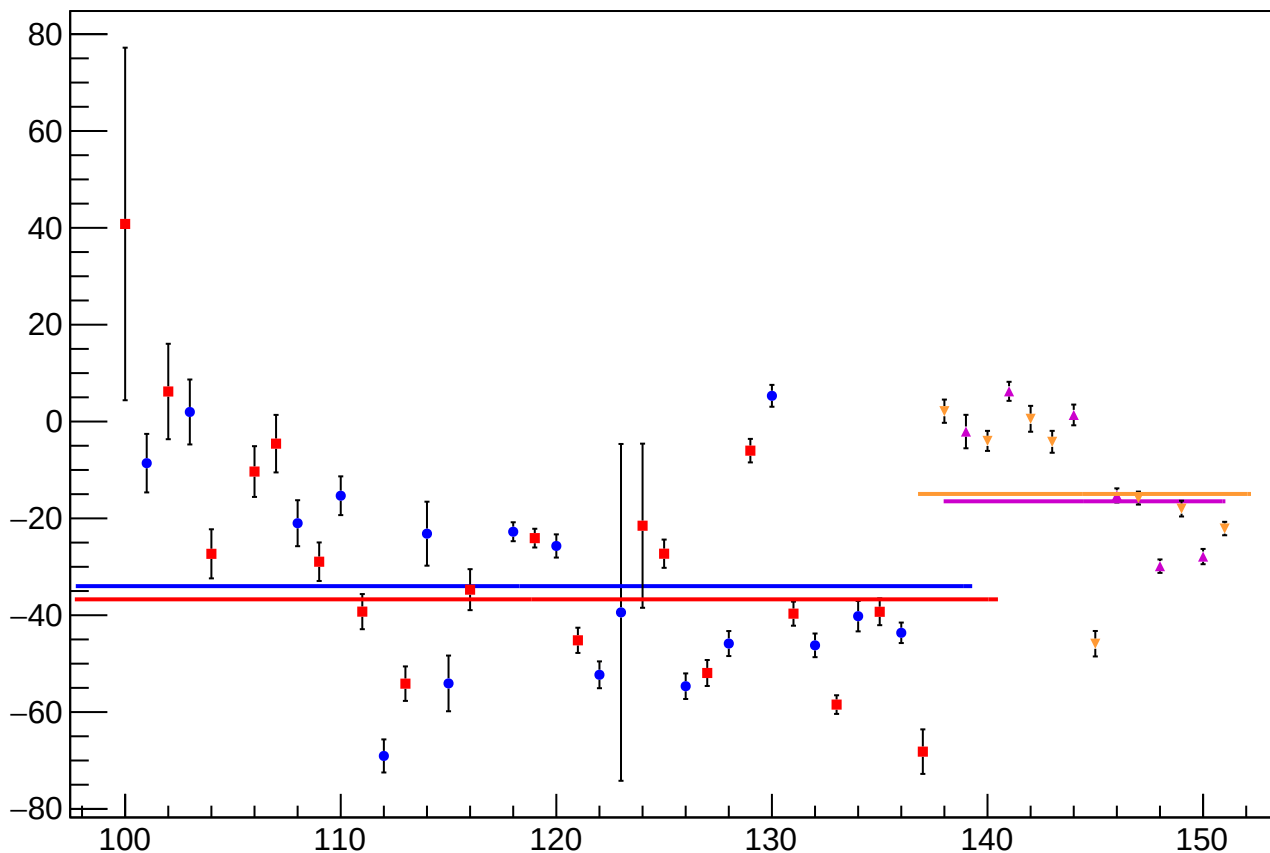
Left In: 45.359 $\pm$ 0.856 χ^2 /NDF:655.1/5

+ sign 46.235 $\pm$ 0.667 χ^2 /NDF: 3181.0/24

All: 50.961 $\pm$ 0.483 χ^2 /NDF: 5969.6/49

- sign 56.183 $\pm$ 0.701 χ^2 /NDF: 2683.0/24

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -14.954 ± 0.654 χ^2/NDF : 303.7/7

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

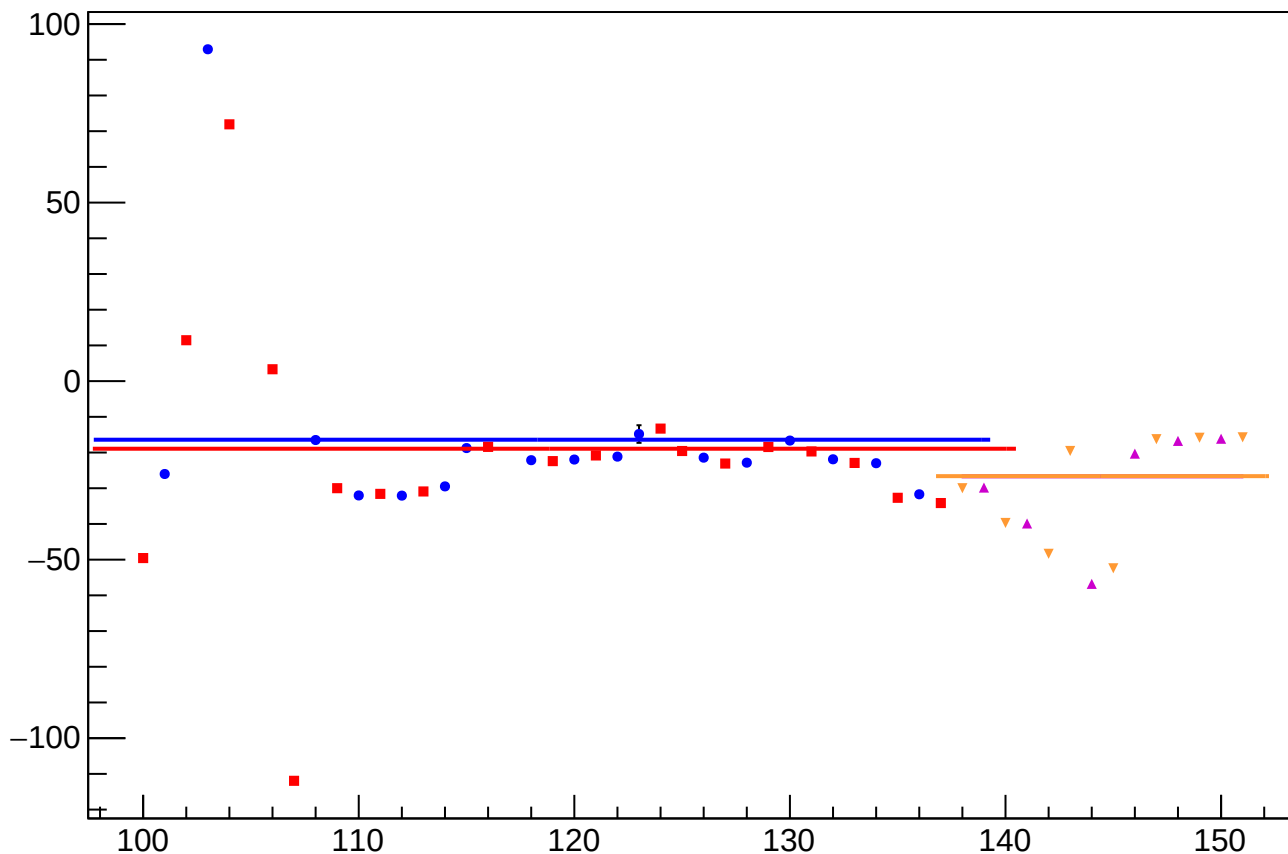
Left In: -16.473 ± 0.716 χ^2/NDF : 366.5/5

+ sign -23.344 ± 0.489 χ^2/NDF : 1397.4/24

All: -24.751 ± 0.354 χ^2/NDF : 2712.7/49

- sign -26.303 ± 0.513 χ^2/NDF : 1297.9/24

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -26.614 ± 0.034 $\chi^2/\text{NDF}: 151611.9/7$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

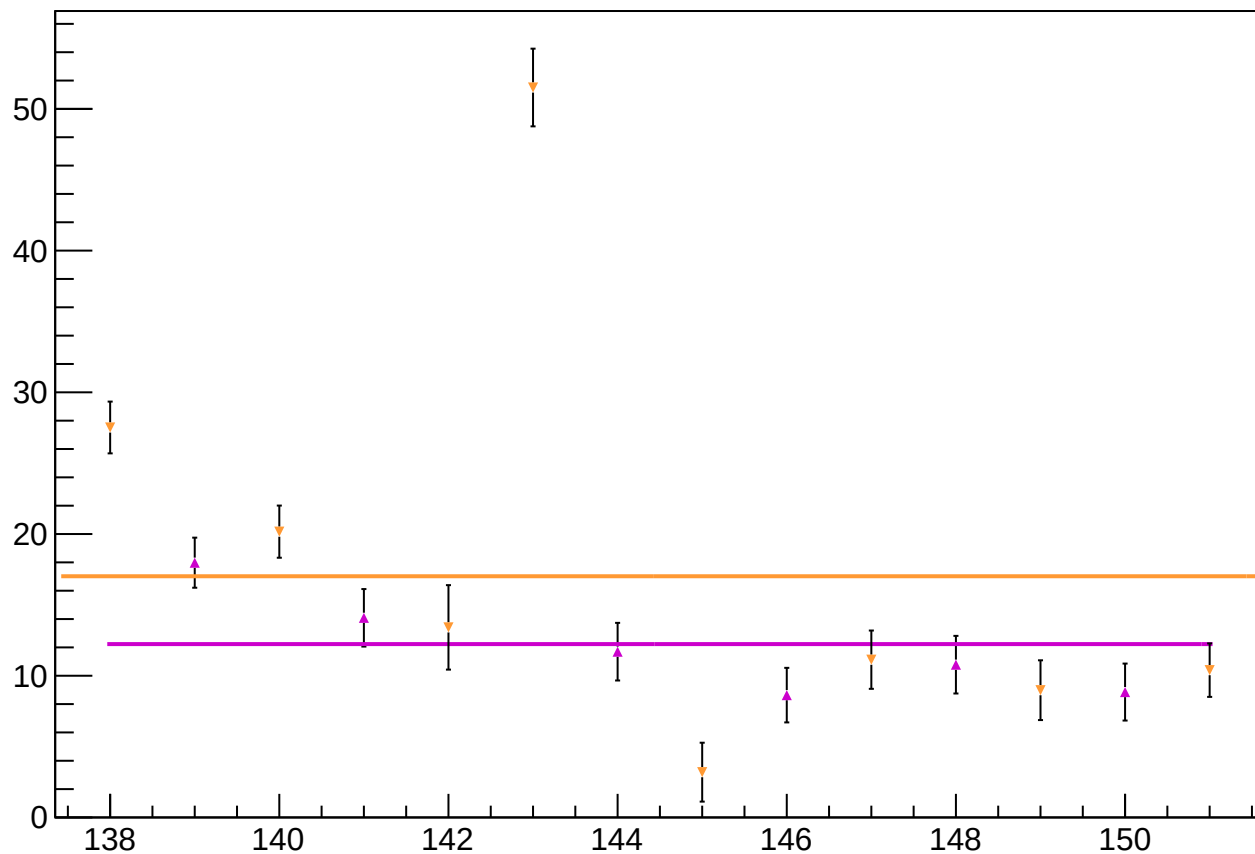
Left In: -26.666 ± 0.035 $\chi^2/\text{NDF}: 122109.1/5$

+ sign -22.884 ± 0.027 $\chi^2/\text{NDF}: 659475.4/24$

All: -23.287 ± 0.019 $\chi^2/\text{NDF}: 1234298.0/49$

- sign -23.723 ± 0.028 $\chi^2/\text{NDF}: 574353.3/24$

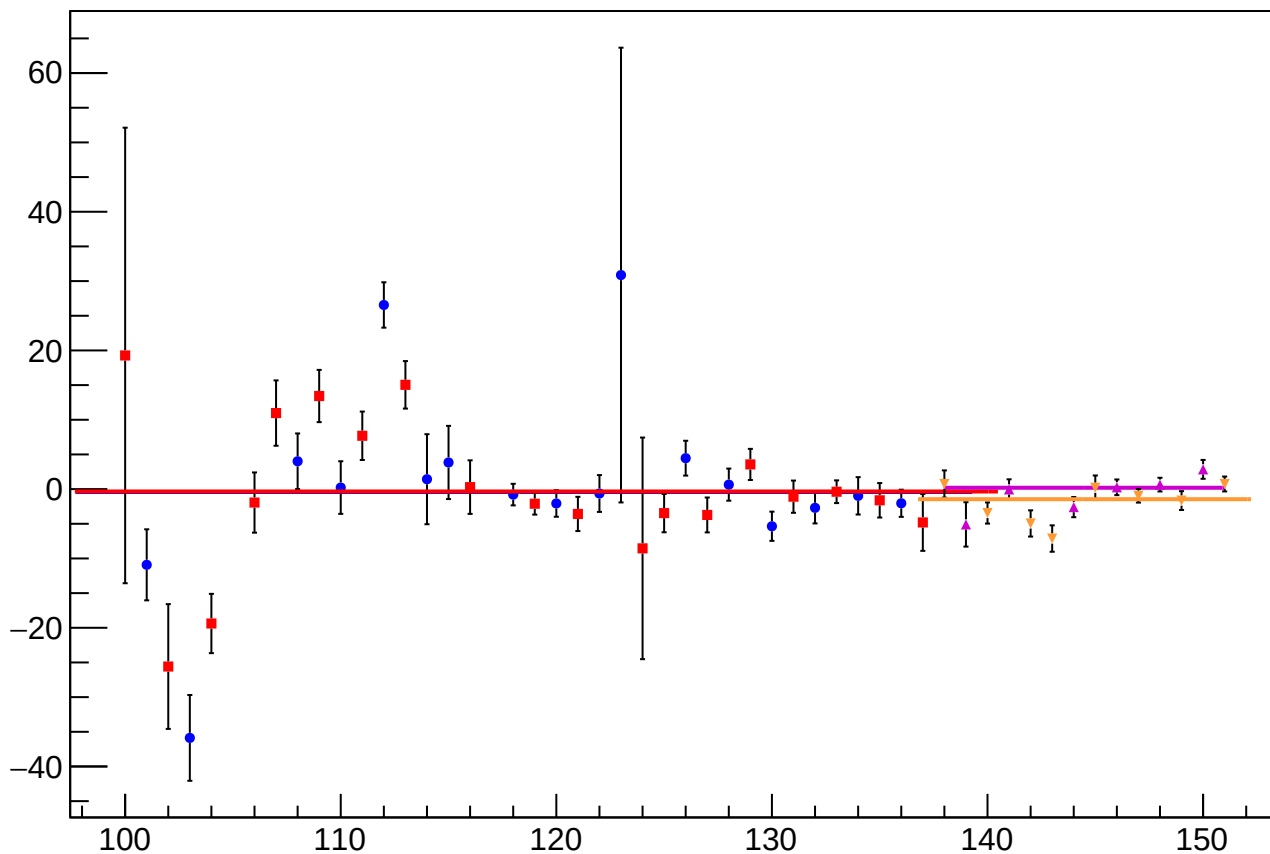
reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.020+/-0.742 χ^2/NDF : 275.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 12.233+/-0.800 χ^2/NDF : 18.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.804+/-0.544 χ^2/NDF : 312.6/13
 - 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: -1.454 ± 0.499 χ^2/NDF : 20.6/7

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

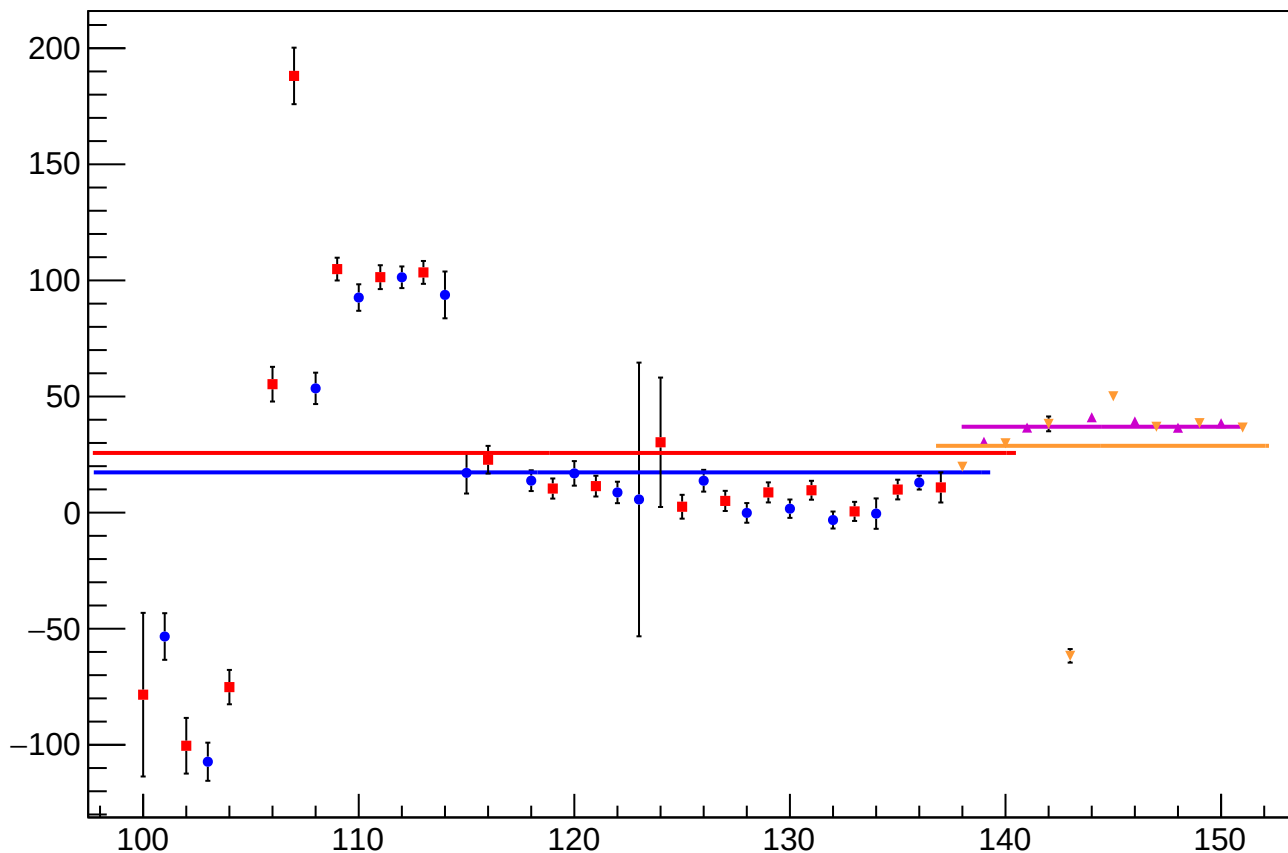
Left In: 0.195 ± 0.543 χ^2/NDF : 10.4/5

+ sign -1.071 ± 0.396 χ^2/NDF : 142.1/24

All: -0.576 ± 0.288 χ^2/NDF : 240.0/49

- sign -0.023 ± 0.419 χ^2/NDF : 94.6/24

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 28.769+/-0.751 χ^2/NDF : 1142.7/7

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

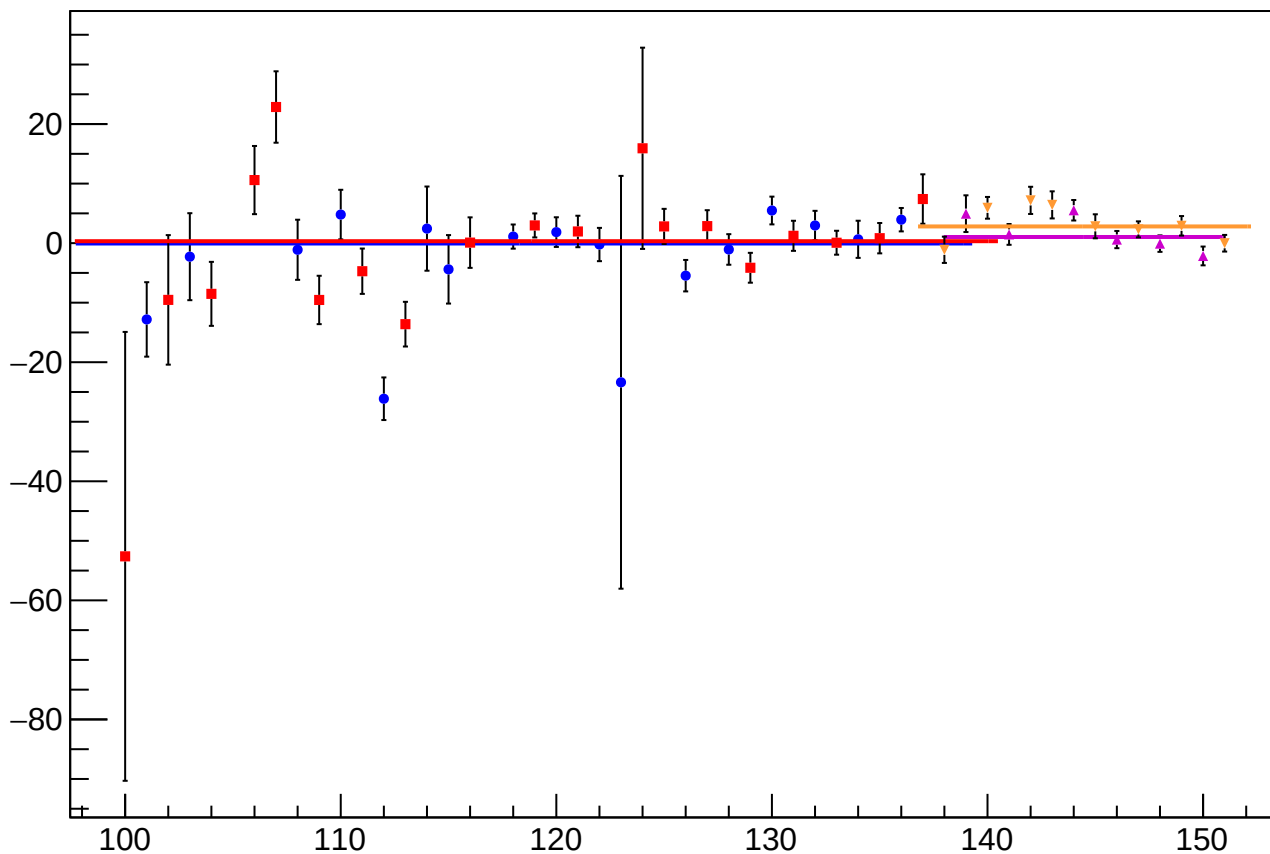
Left In: 36.988+/-0.803 χ^2/NDF : 17.3/5

+ sign 25.696+/-0.642 χ^2/NDF : 2148.2/24

All: 29.486+/-0.465 χ^2/NDF : 3676.1/49

- sign 33.666+/-0.674 χ^2/NDF : 1454.6/24

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.804 ± 0.623 χ^2/NDF : 16.5/7

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

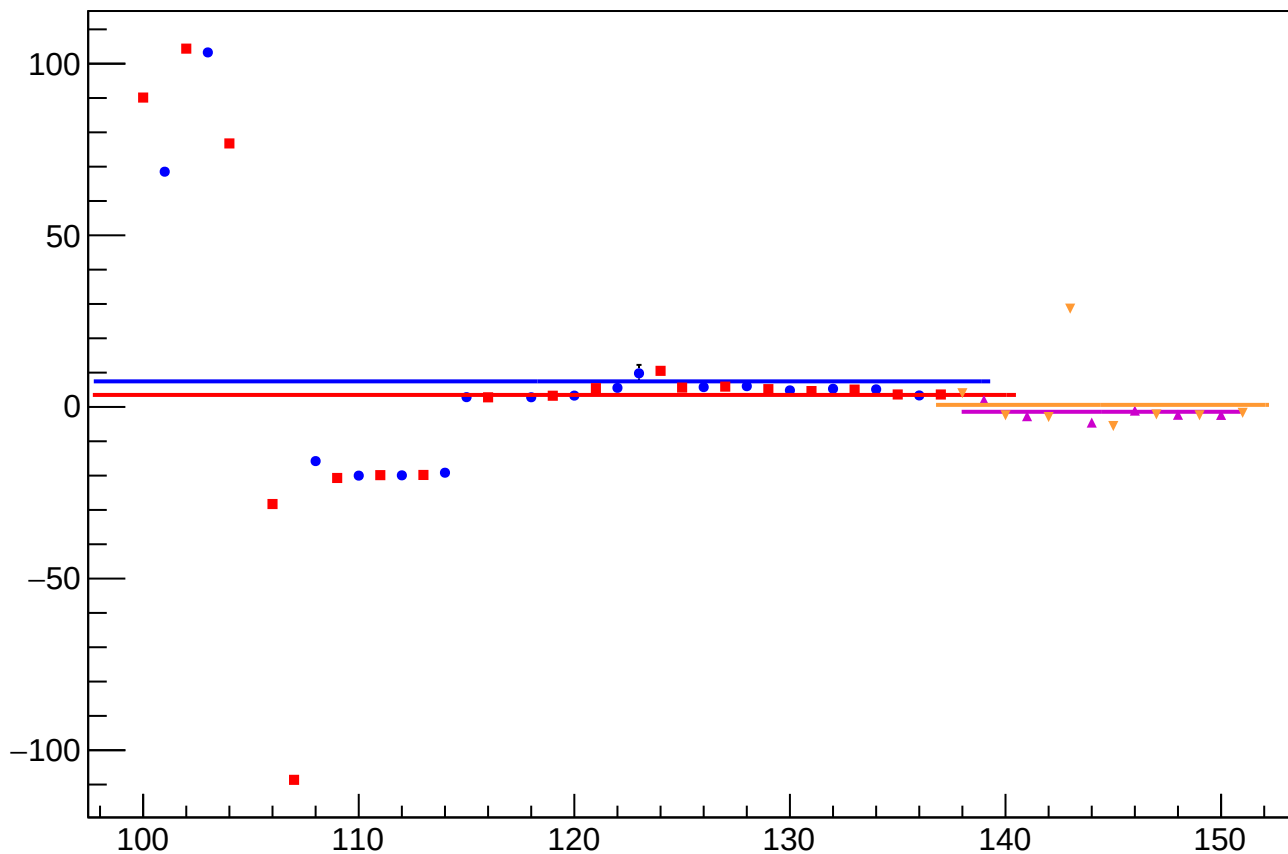
Left In: 1.032 ± 0.678 χ^2/NDF : 13.3/5

+ sign 1.622 ± 0.478 χ^2/NDF : 101.8/24

All: 1.191 ± 0.346 χ^2/NDF : 172.4/49

- sign 0.714 ± 0.503 χ^2/NDF : 68.9/24

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 χ^2/NDF : 356053.3/16

Left Out: 0.606 ± 0.032 χ^2/NDF : 69550.8/7

Right Out: 3.502 ± 0.046 χ^2/NDF : 510579.7/18

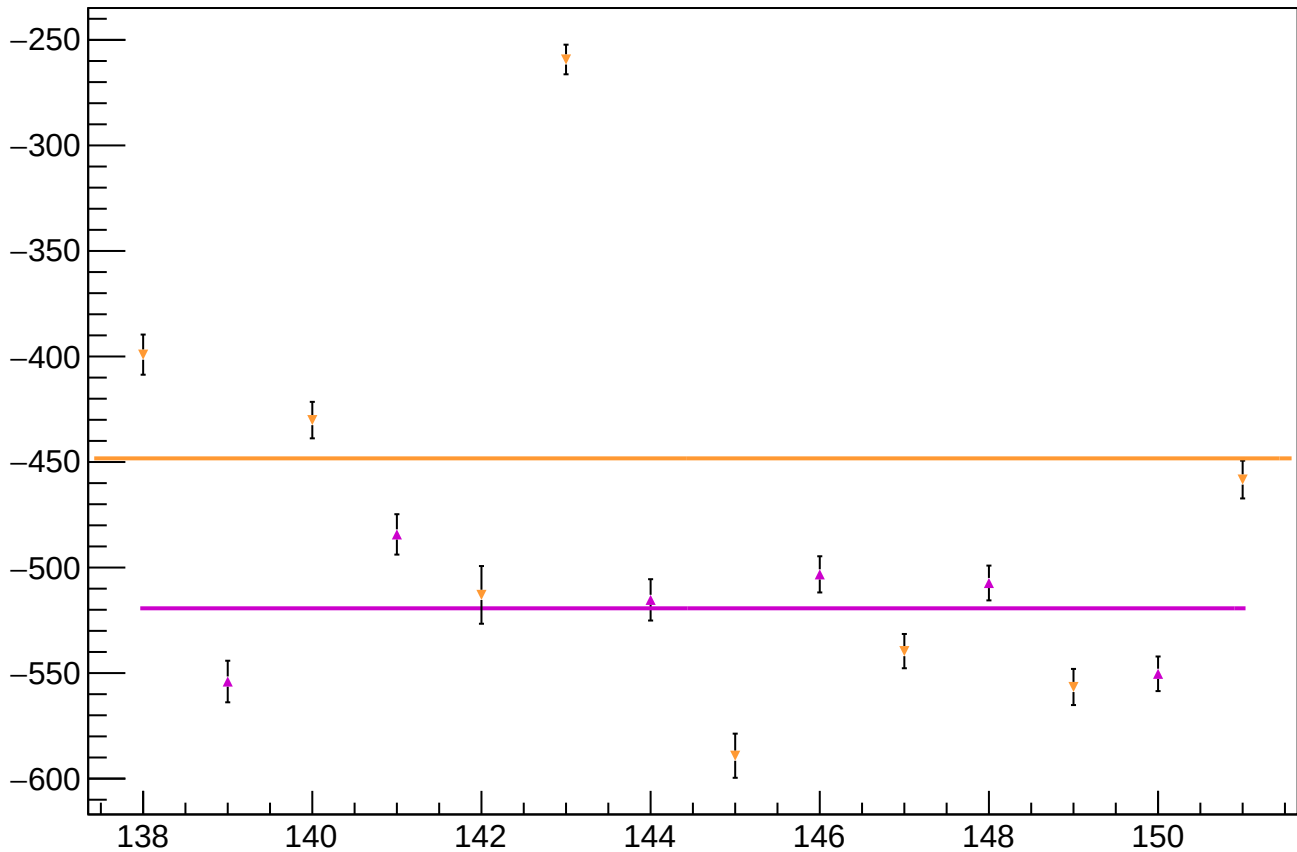
Left In: -1.407 ± 0.033 χ^2/NDF : 4131.9/5

+ sign 2.907 ± 0.026 χ^2/NDF : 441386.1/24

All: 1.649 ± 0.019 χ^2/NDF : 968666.4/49

- sign 0.289 ± 0.027 χ^2/NDF : 522315.3/24

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -448.269+/-3.154 χ^2/NDF : 1247.9/7

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

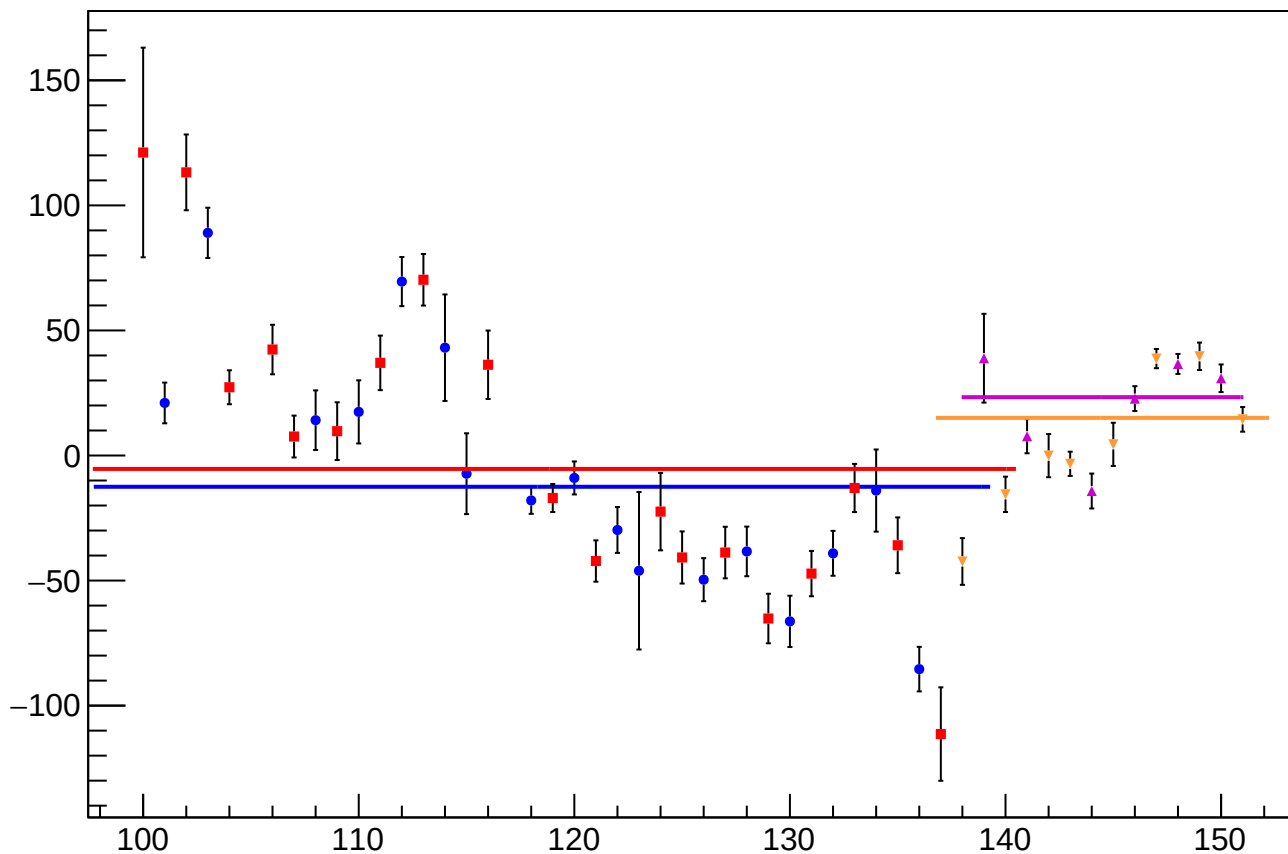
Left In: -519.312+/-3.654 χ^2/NDF : 45.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.597+/-2.388 χ^2/NDF : 1510.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: 15.045 ± 2.028 χ^2/NDF : 133.6/7

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

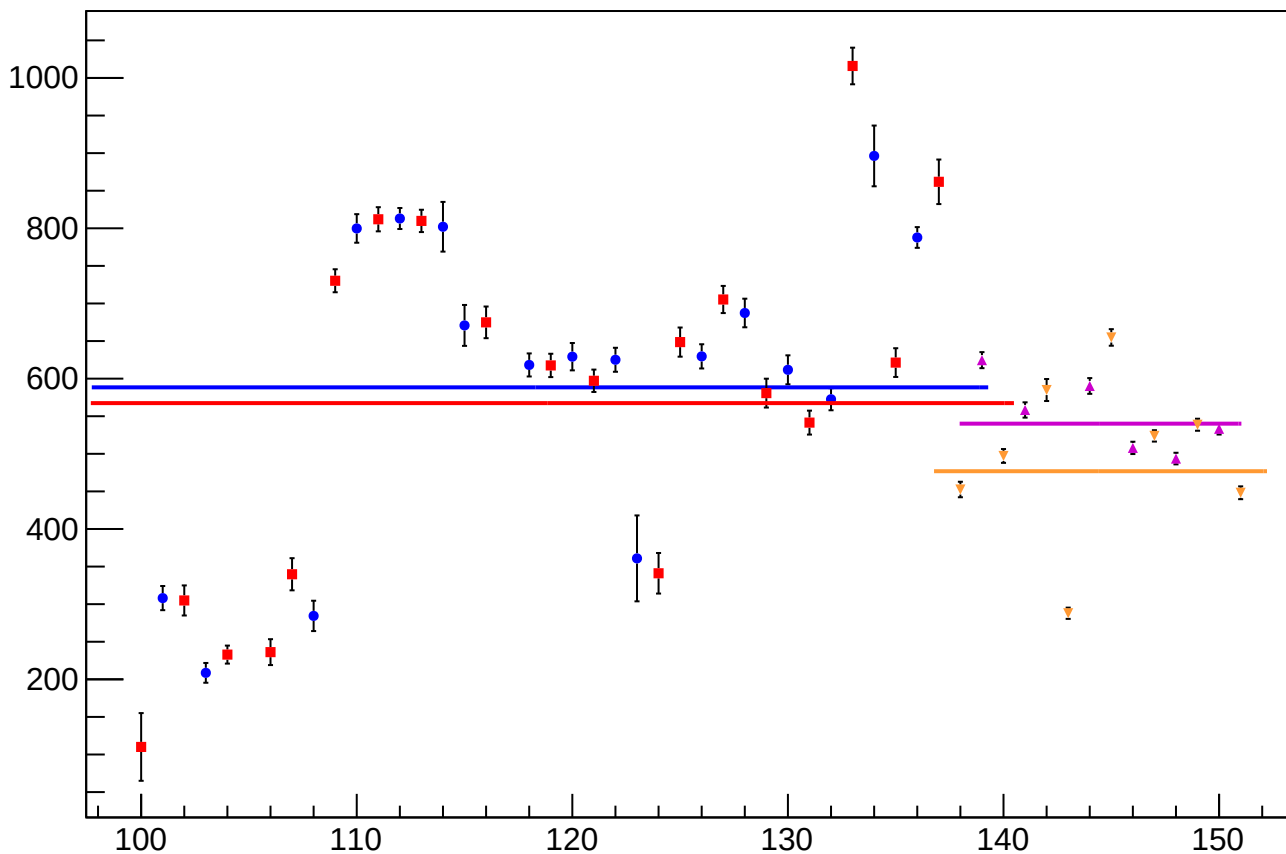
Left In: 23.324 ± 2.349 χ^2/NDF : 47.9/5

+ sign 3.061 ± 1.524 χ^2/NDF : 555.0/24

All: 5.577 ± 1.113 χ^2/NDF : 1030.6/49

- sign 8.454 ± 1.630 χ^2/NDF : 469.8/24

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 +/- 4.320 χ^2/NDF : 2130.2/16

Left Out: 476.862 +/- 3.183 χ^2/NDF : 1071.4/7

Right Out: 567.451 +/- 4.137 χ^2/NDF : 2784.8/18

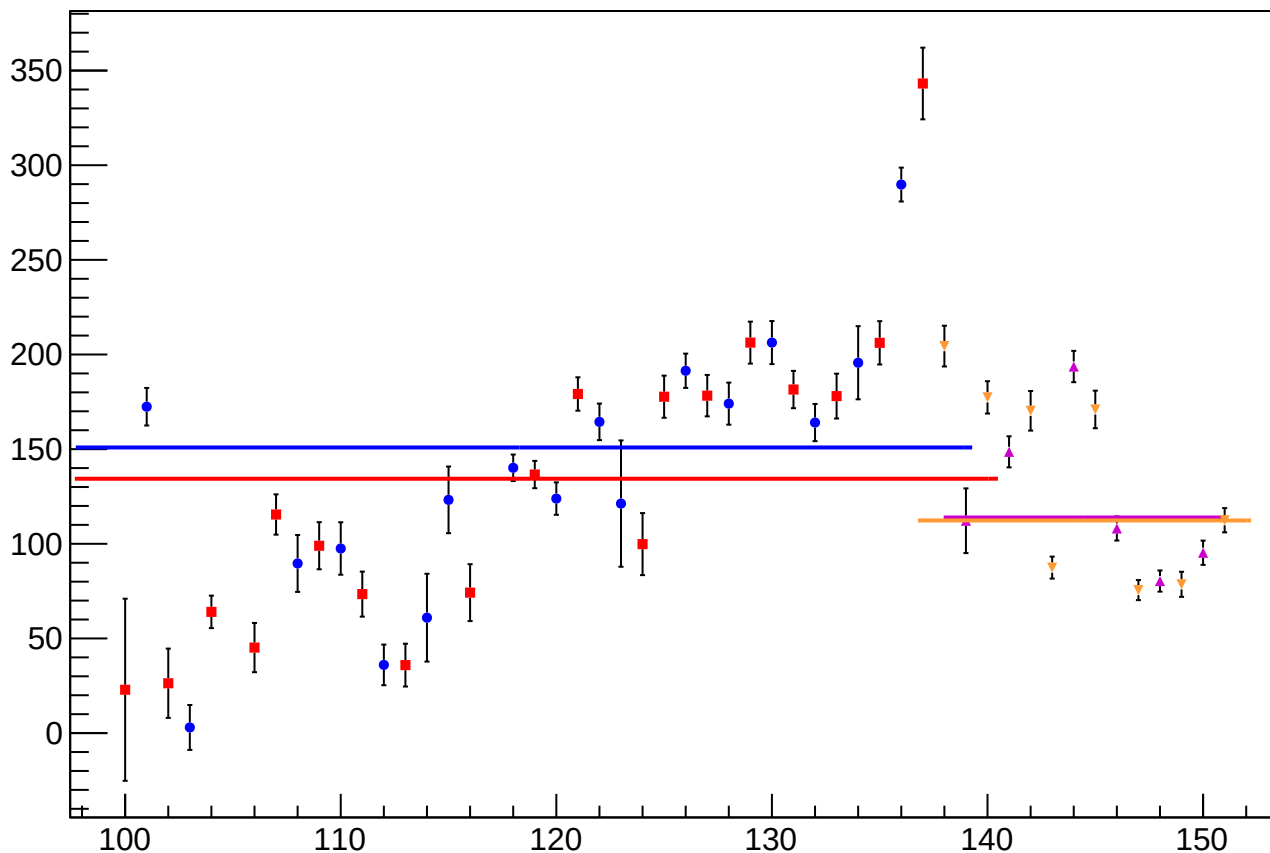
Left In: 540.124 +/- 3.621 χ^2/NDF : 141.3/5

+ sign 516.110 +/- 2.563 χ^2/NDF : 3633.8/24

All: 532.946 +/- 1.867 χ^2/NDF : 6676.6/49

- sign 551.978 +/- 2.725 χ^2/NDF : 2950.9/24

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 $\pm$ 2.674 χ^2 /NDF: 634.8/16

Left Out: 112.329 $\pm$ 2.549 χ^2 /NDF: 289.2/7

Right Out: 134.381 $\pm$ 2.620 χ^2 /NDF: 584.9/18

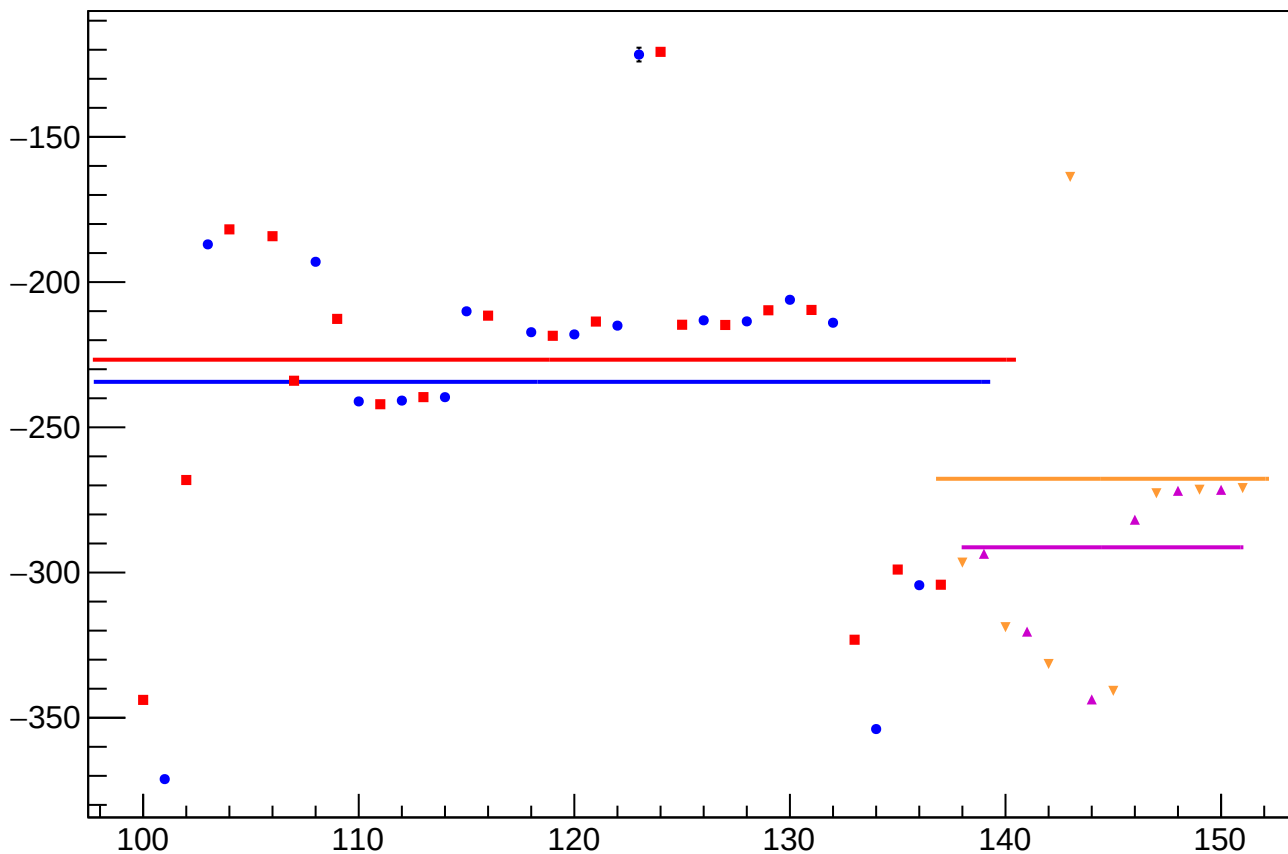
Left In: 113.905 $\pm$ 2.963 χ^2 /NDF: 156.2/5

+ sign 130.689 $\pm$ 1.845 χ^2 /NDF: 1032.9/24

All: 128.206 $\pm$ 1.344 χ^2 /NDF: 1804.7/49

- sign 125.396 $\pm$ 1.963 χ^2 /NDF: 767.9/24

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -267.718+/-0.135 χ^2/NDF : 180930.1/7

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

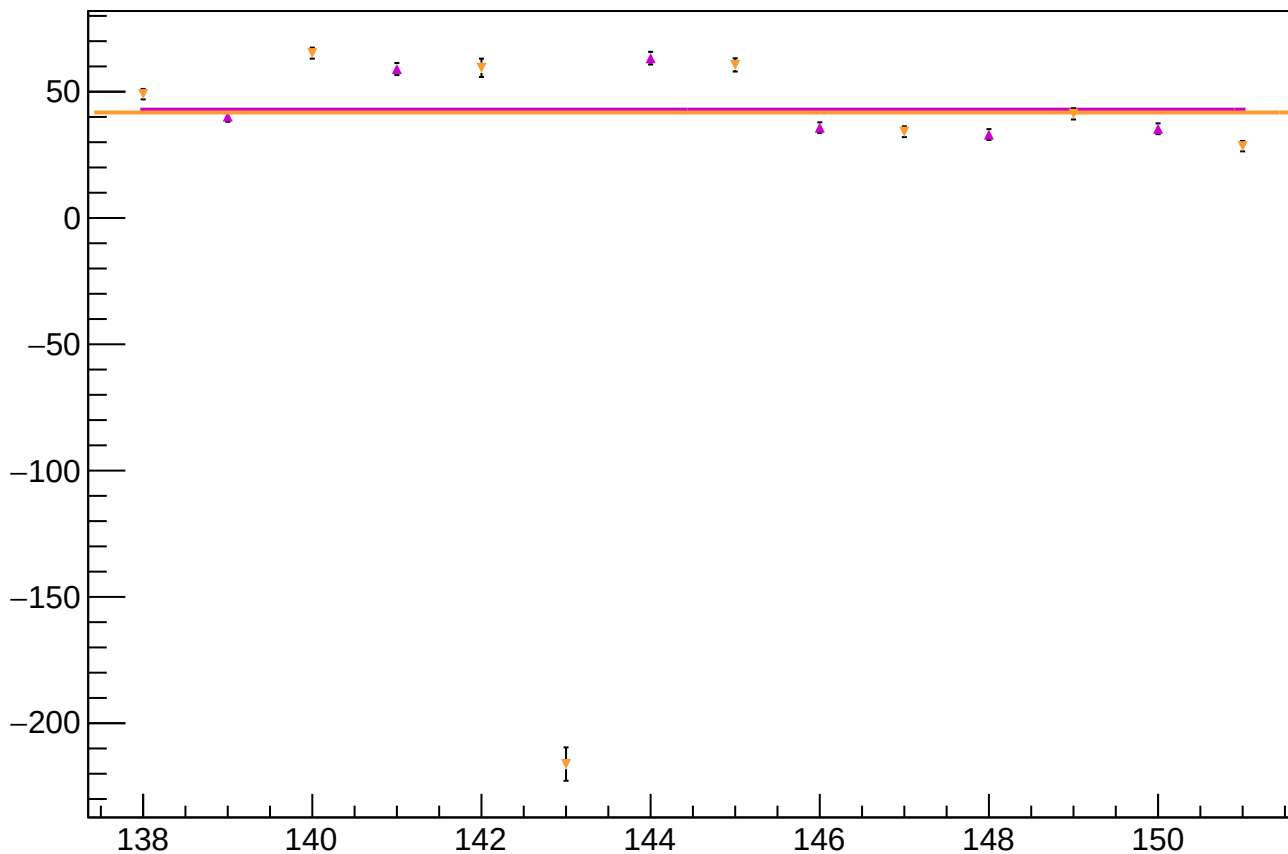
Left In: -291.308+/-0.152 χ^2/NDF : 25948.3/5

+ sign -252.580+/-0.100 χ^2/NDF : 353771.8/24

All: -254.600+/-0.072 χ^2/NDF : 577178.2/49

- sign -256.763+/-0.103 χ^2/NDF : 222559.2/24

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.761+/-0.862 χ^2/NDF : 1780.9/7

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

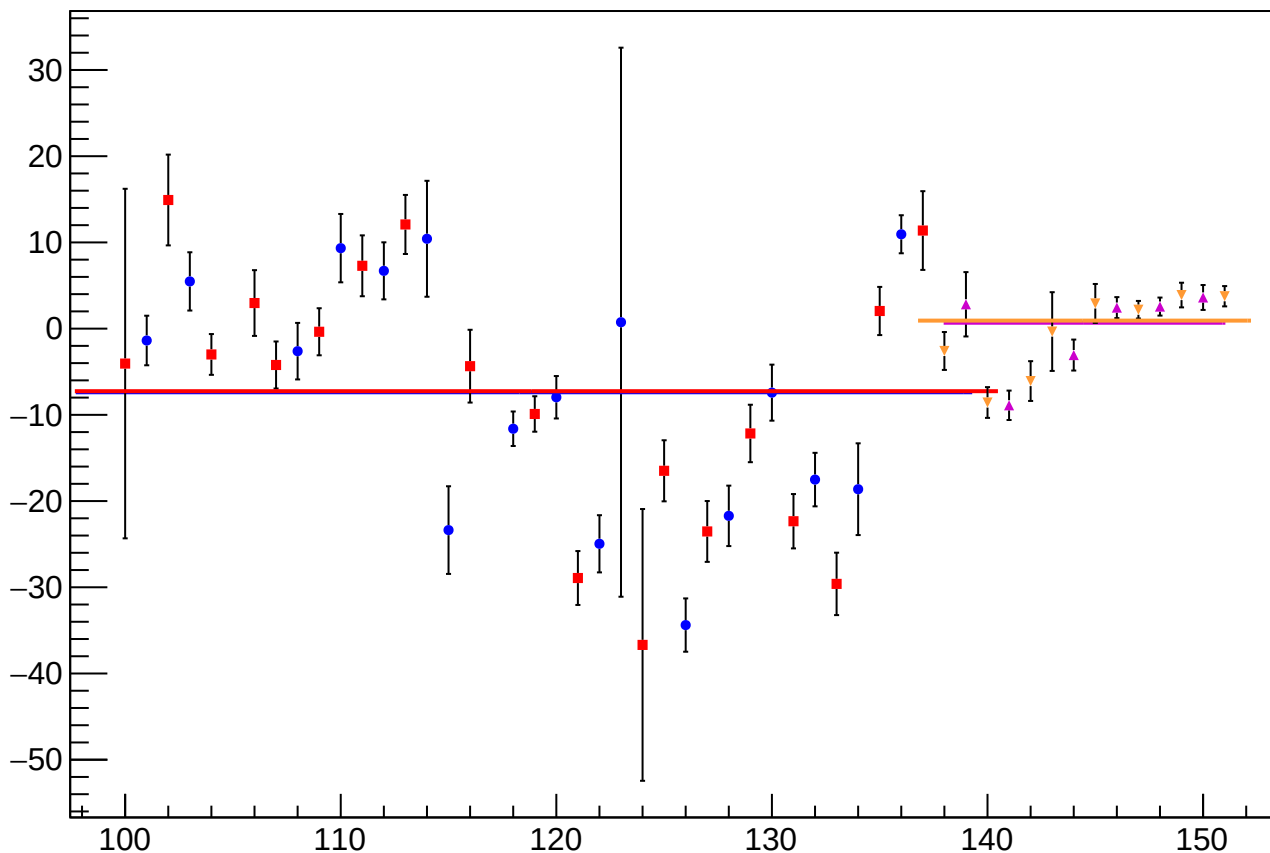
Left In: 42.887+/-0.900 χ^2/NDF : 158.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.300+/-0.623 χ^2/NDF : 1940.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: 0.931 ± 0.566 χ^2/NDF : 52.7/7

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

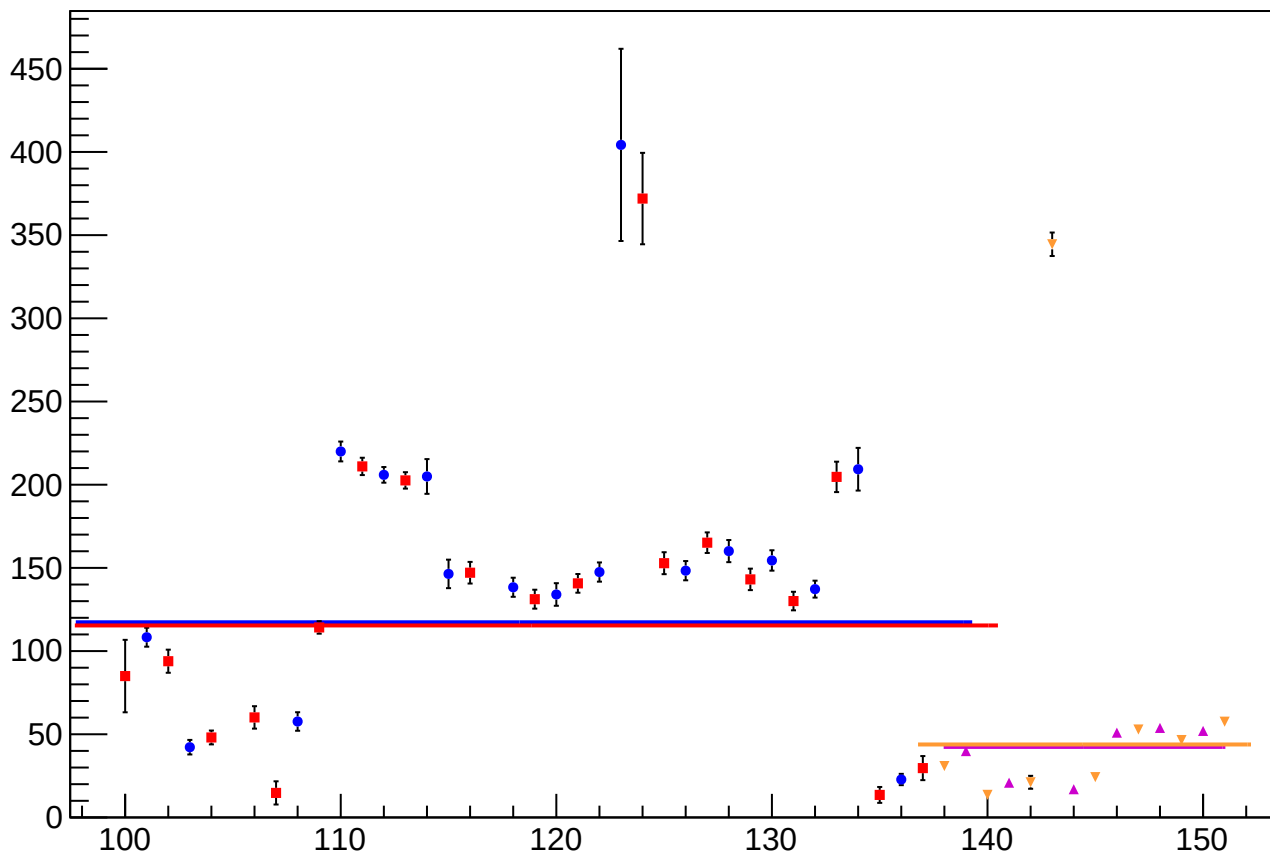
Left In: 0.685 ± 0.598 χ^2/NDF : 45.6/5

+ sign -1.940 ± 0.458 χ^2/NDF : 410.8/24

All: -2.135 ± 0.328 χ^2/NDF : 781.4/49

- sign -2.341 ± 0.470 χ^2/NDF : 370.2/24

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF : 2161.3/16

Left Out: 43.863+/-0.863 χ^2/NDF :2175.5/7

Right Out: 115.405+/-1.361 χ^2/NDF : 2150.5/18

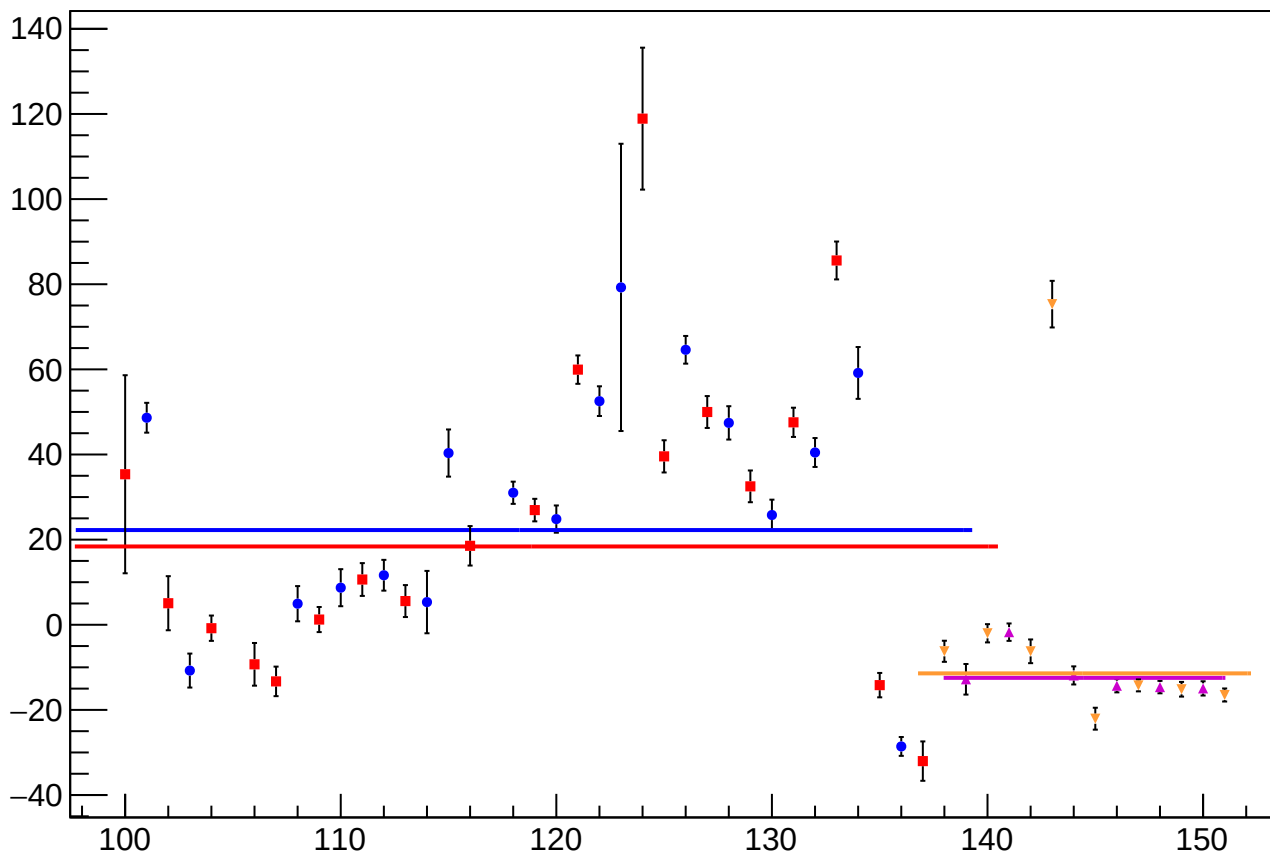
Left In: 42.406+/-0.897 χ^2/NDF :236.7/5

+ sign 63.907+/-0.736 χ^2/NDF : 6313.2/24

All: 64.211+/-0.525 χ^2/NDF : 10707.1/49

- sign 64.525+/-0.749 χ^2/NDF : 4393.6/24

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -11.420 $\pm$ 0.714 χ^2 /NDF: 314.9/7

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

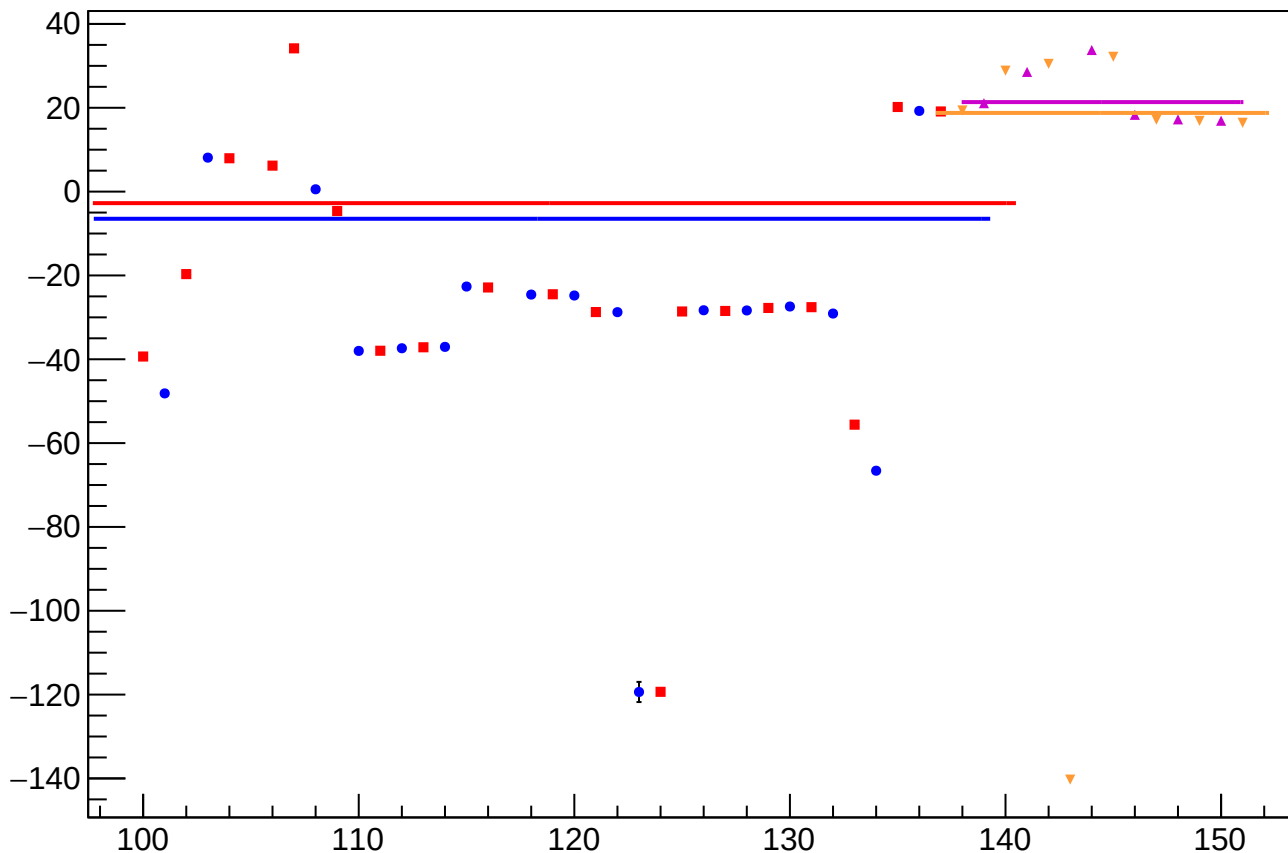
Left In: -12.470 $\pm$ 0.751 χ^2 /NDF: 33.4/5

+ sign 1.777 $\pm$ 0.557 χ^2 /NDF: 2258.3/24

All: 1.237 $\pm$ 0.398 χ^2 /NDF: 4090.4/49

- sign 0.672 $\pm$ 0.569 χ^2 /NDF: 1830.3/24

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 18.773 ± 0.037 χ^2/NDF : 348460.5/7

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

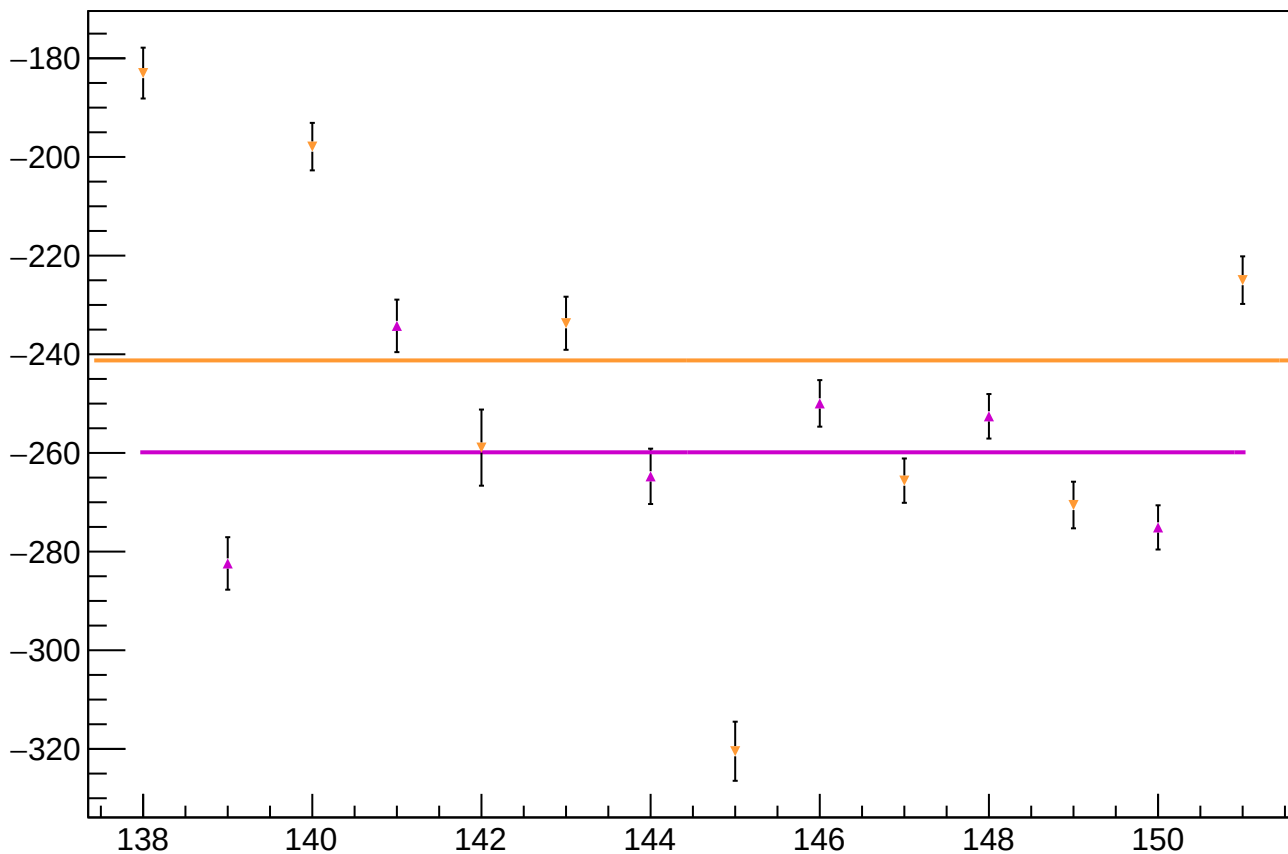
Left In: 21.356 ± 0.037 χ^2/NDF : 22374.5/5

+ sign 9.002 ± 0.029 χ^2/NDF : 797774.7/24

All: 10.379 ± 0.020 χ^2/NDF : 1258774.5/49

- sign 11.766 ± 0.029 χ^2/NDF : 456384.6/24

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -241.245+/-1.834 χ^2/NDF : 470.2/7

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

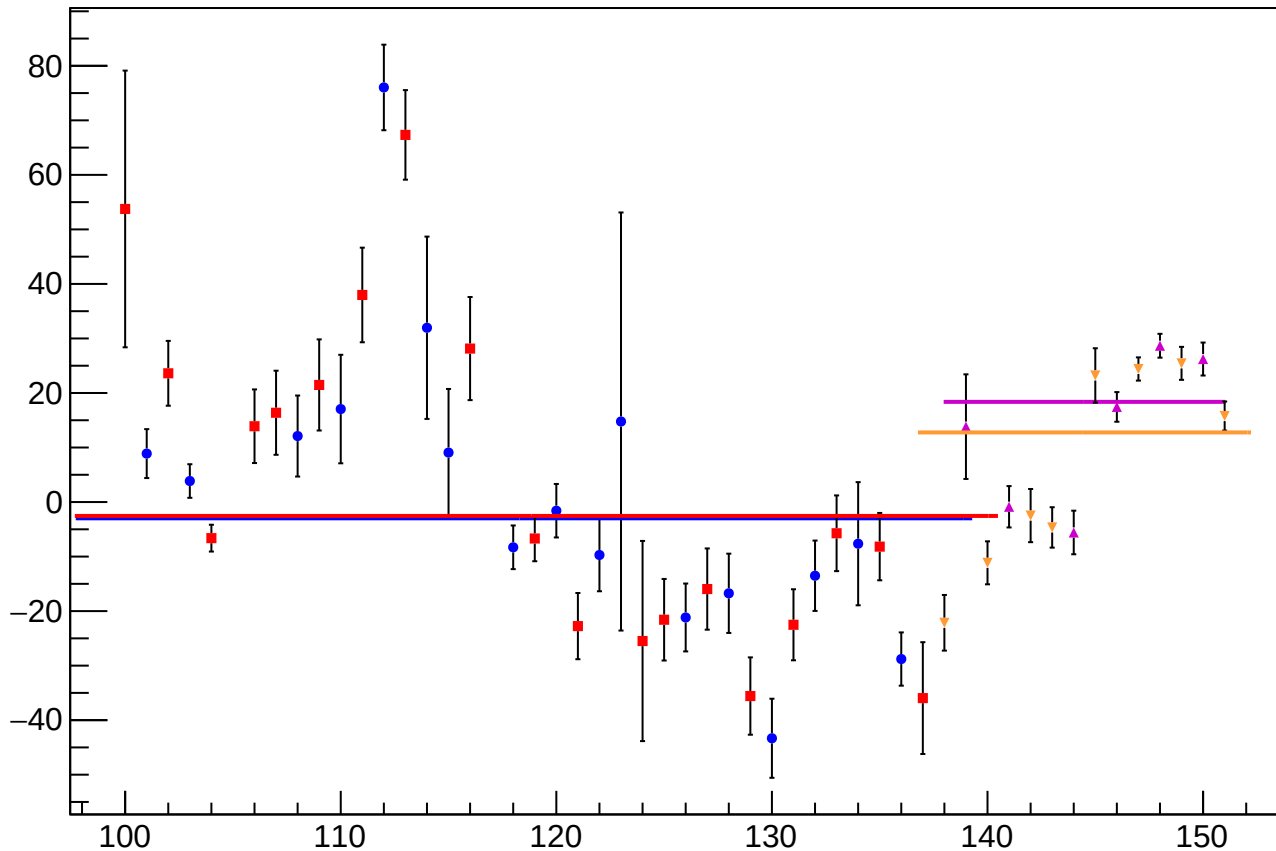
Left In: -259.872+/-2.015 χ^2/NDF : 60.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.684+/-1.357 χ^2/NDF : 577.3/13

- 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: 12.766 ± 1.172 χ^2/NDF : 168.6/7

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

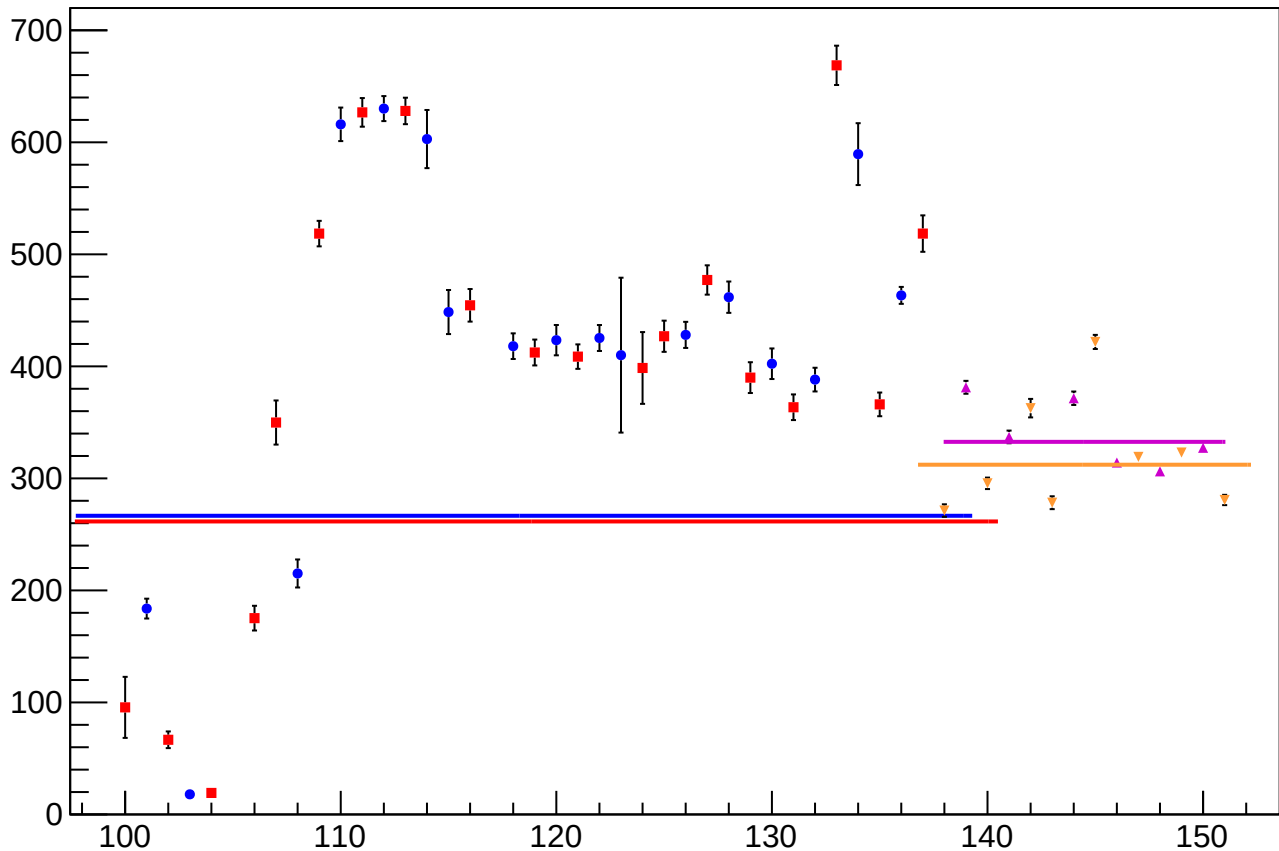
Left In: 18.373 ± 1.294 χ^2/NDF : 90.9/5

+ sign 6.547 ± 0.912 χ^2/NDF : 443.8/24

All: 7.589 ± 0.658 χ^2/NDF : 876.1/49

- sign -8.722 ± 0.950 χ^2/NDF : 429.6/24

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 312.204 $\pm$ 1.839 χ^2 /NDF:495.5/7

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

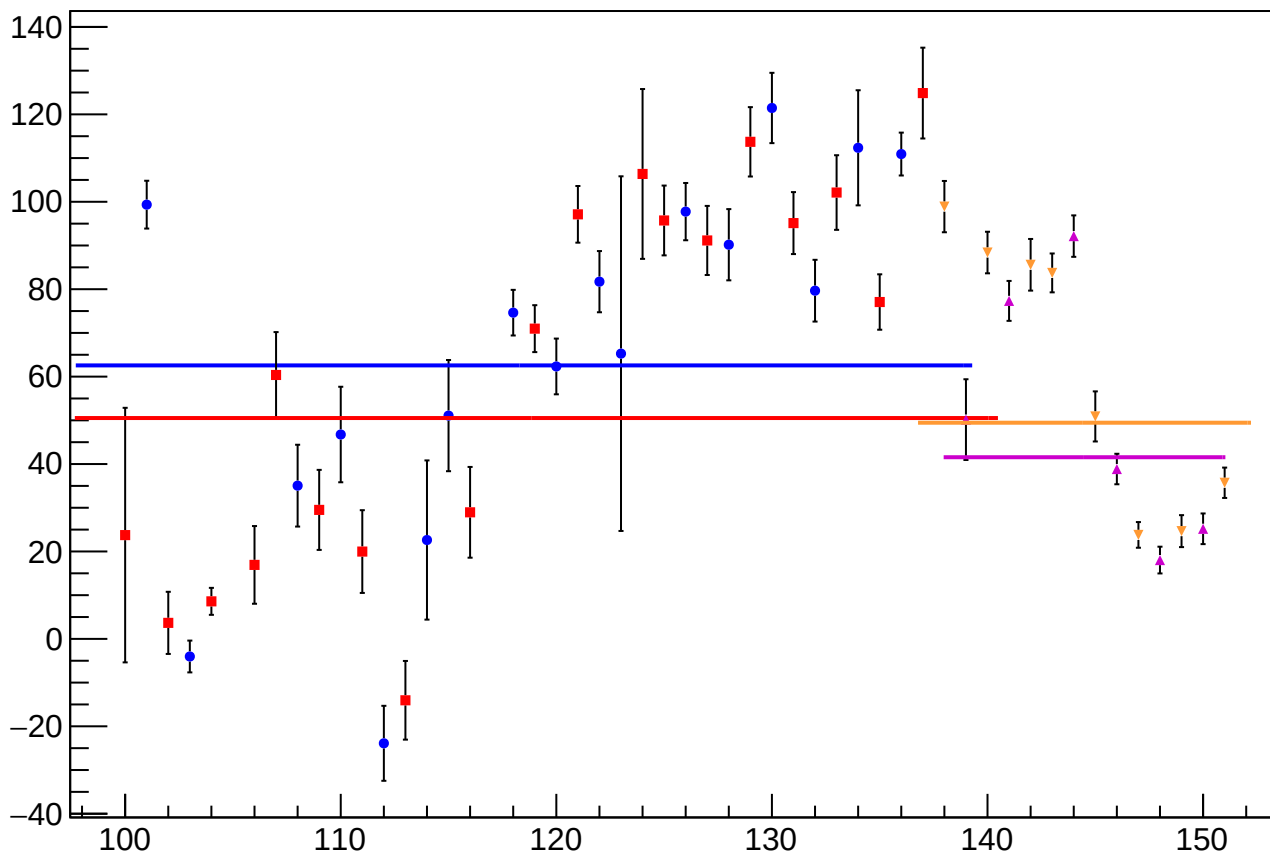
Left In: 332.614 $\pm$ 1.995 χ^2 /NDF:171.3/5

+ sign 296.007 $\pm$ 1.477 χ^2 /NDF: 8376.4/24

All: 299.996 $\pm$ 1.069 χ^2 /NDF: 17275.2/49

- sign 304.386 $\pm$ 1.549 χ^2 /NDF: 8883.4/24

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 $\chi^2/\text{NDF}: 722.4/16$

Left Out: 49.456 ± 1.480 $\chi^2/\text{NDF}: 372.8/7$

Right Out: 50.526 ± 1.643 $\chi^2/\text{NDF}: 657.0/18$

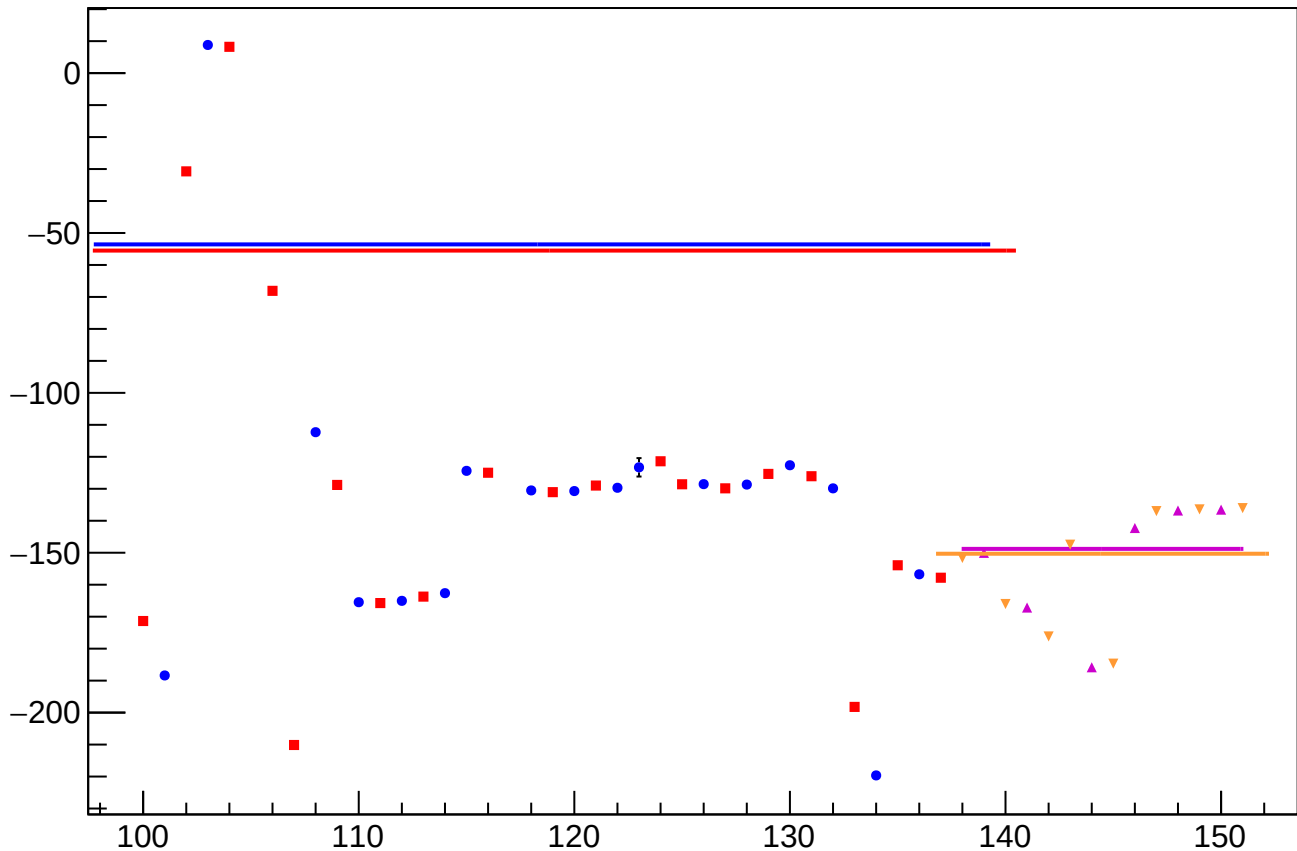
Left In: 41.559 ± 1.634 $\chi^2/\text{NDF}: 257.6/5$

+ sign 55.192 ± 1.110 $\chi^2/\text{NDF}: 1129.6/24$

All: 50.801 ± 0.802 $\chi^2/\text{NDF}: 2091.8/49$

- sign 46.017 ± 1.159 $\chi^2/\text{NDF}: 929.5/24$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 $\chi^2/\text{NDF}: 1230233.3/16$

Left Out: -150.315 ± 0.079 $\chi^2/\text{NDF}: 45215.3/7$

Right Out: -55.502 ± 0.072 $\chi^2/\text{NDF}: 969632.0/18$

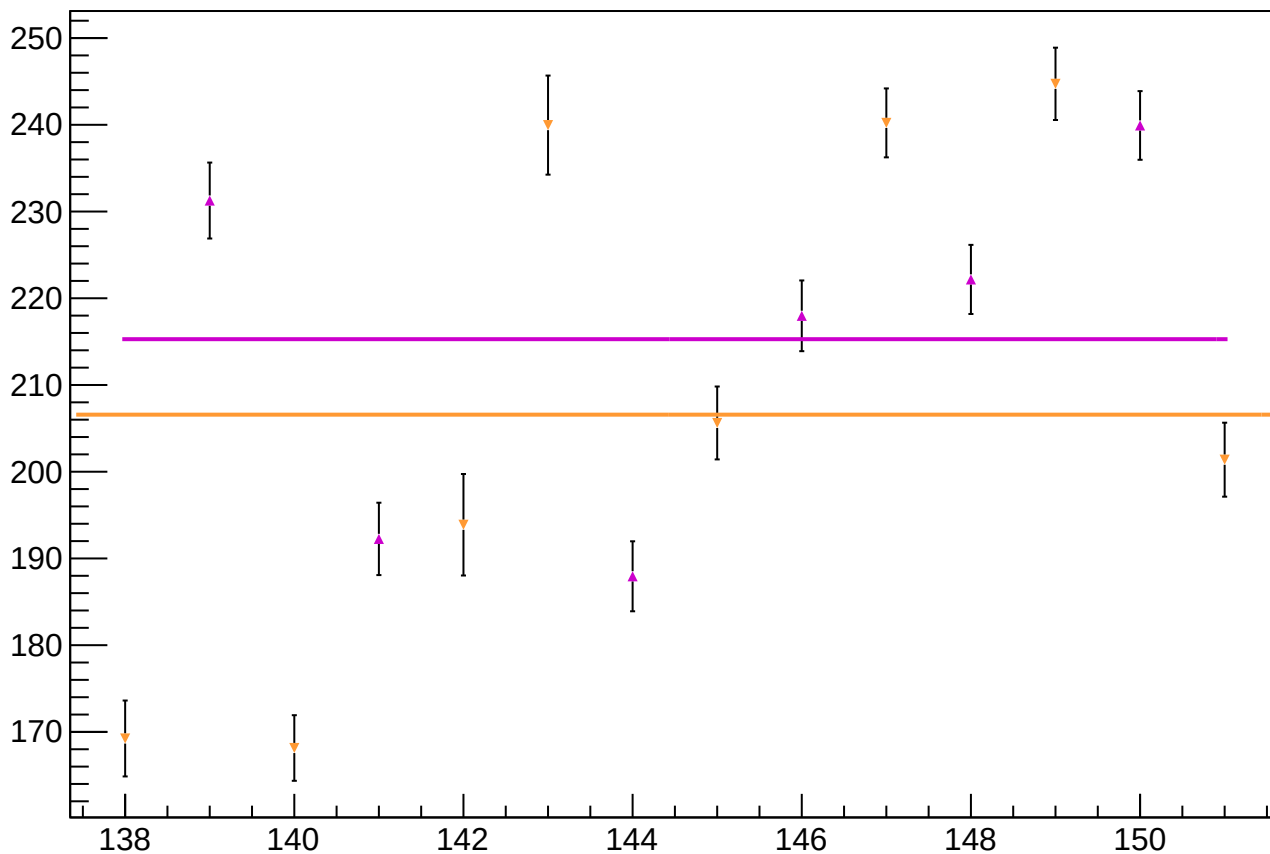
Left In: -148.795 ± 0.083 $\chi^2/\text{NDF}: 36559.3/5$

+ sign -96.604 ± 0.052 $\chi^2/\text{NDF}: 2118594.1/24$

All: -95.977 ± 0.038 $\chi^2/\text{NDF}: 3843133.8/49$

- sign -95.298 ± 0.054 $\chi^2/\text{NDF}: 1724240.7/24$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 206.580+/-1.553 χ^2/NDF : 371.8/7

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

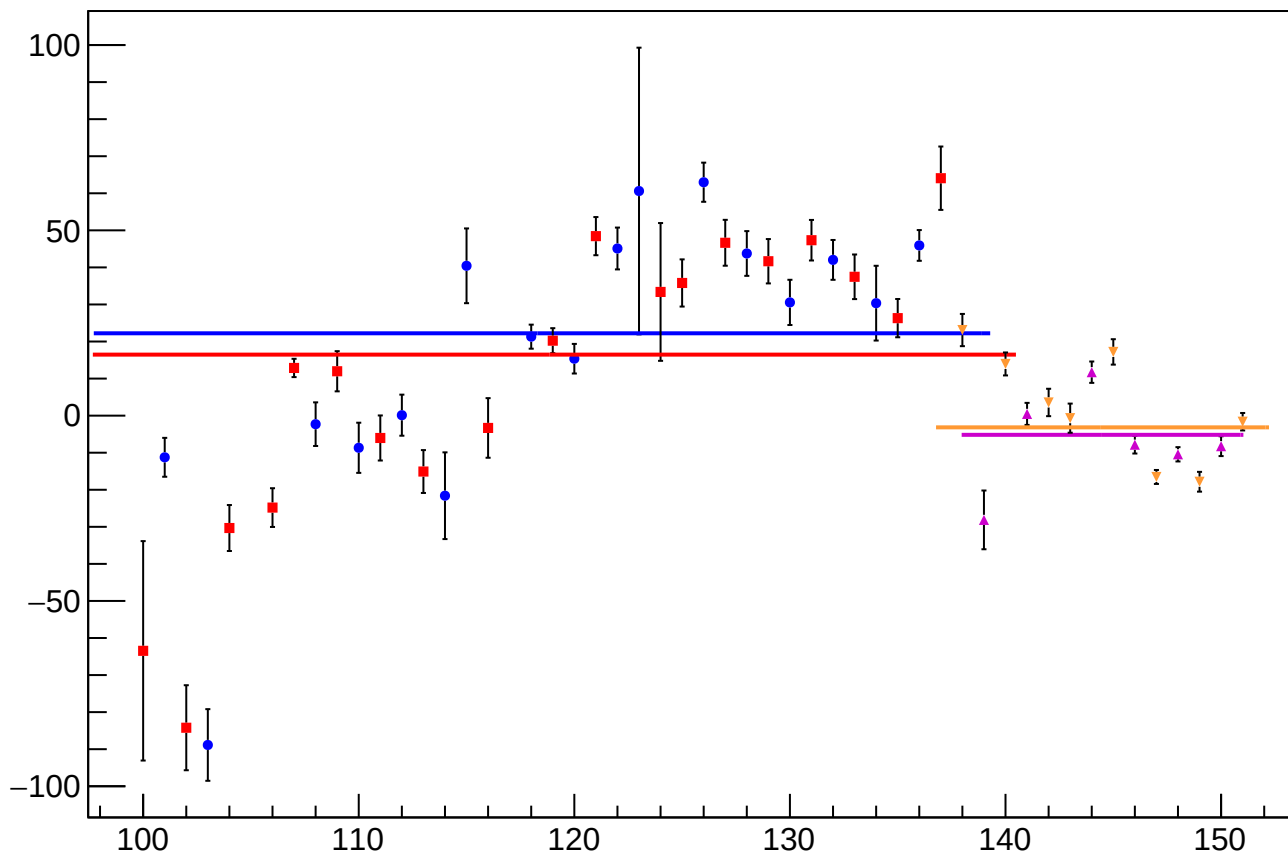
Left In: 215.282+/-1.671 χ^2/NDF : 131.9/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.613+/-1.138 χ^2/NDF : 518.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: -3.161 $\pm$ 1.009 χ^2 /NDF:187.0/7

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

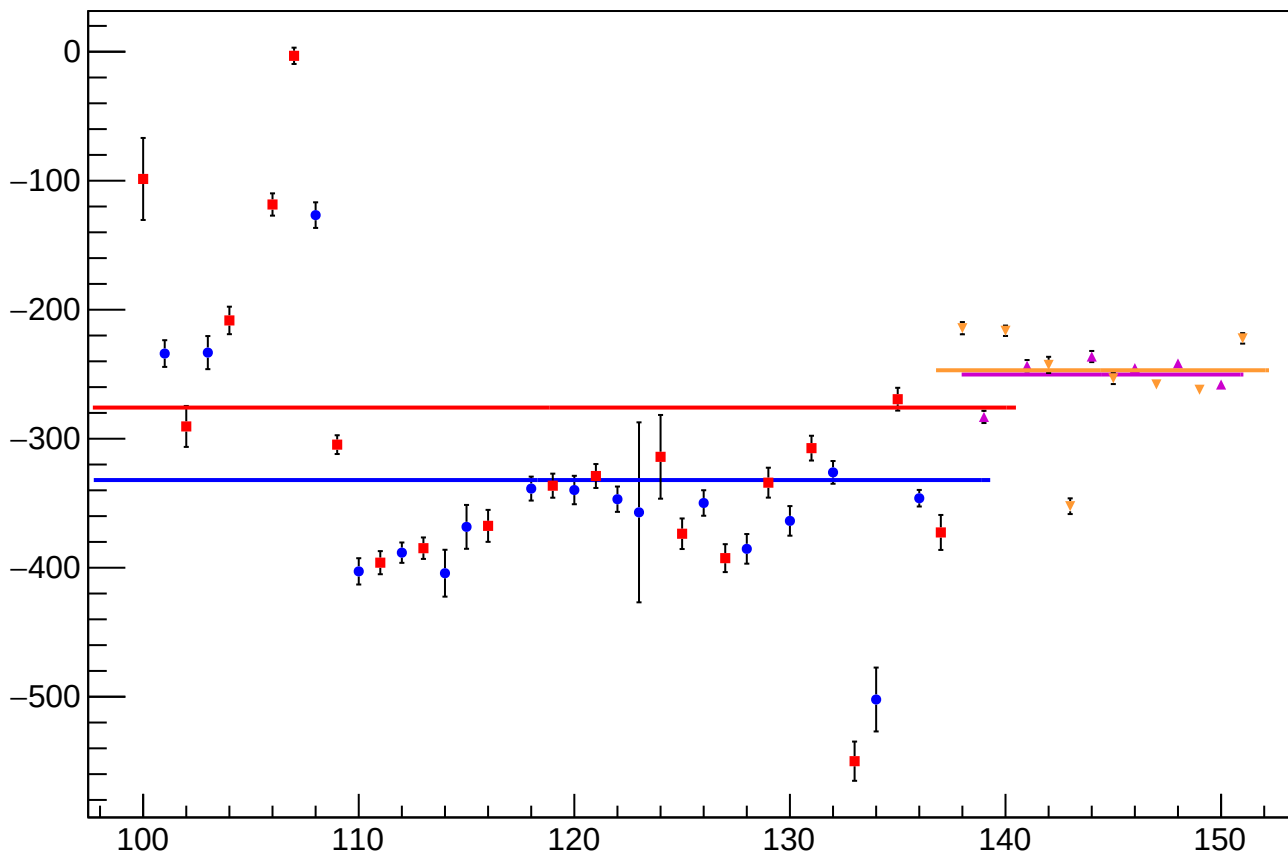
Left In: -5.179 $\pm$ 1.095 χ^2 /NDF:56.4/5

+ sign 5.734 $\pm$ 0.813 χ^2 /NDF: 794.3/24

All: 5.067 $\pm$ 0.577 χ^2 /NDF: 1450.8/49

- sign 4.392 $\pm$ 0.818 χ^2 /NDF: 655.1/24

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -246.934 ± 1.566 χ^2/NDF : 467.0/7

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

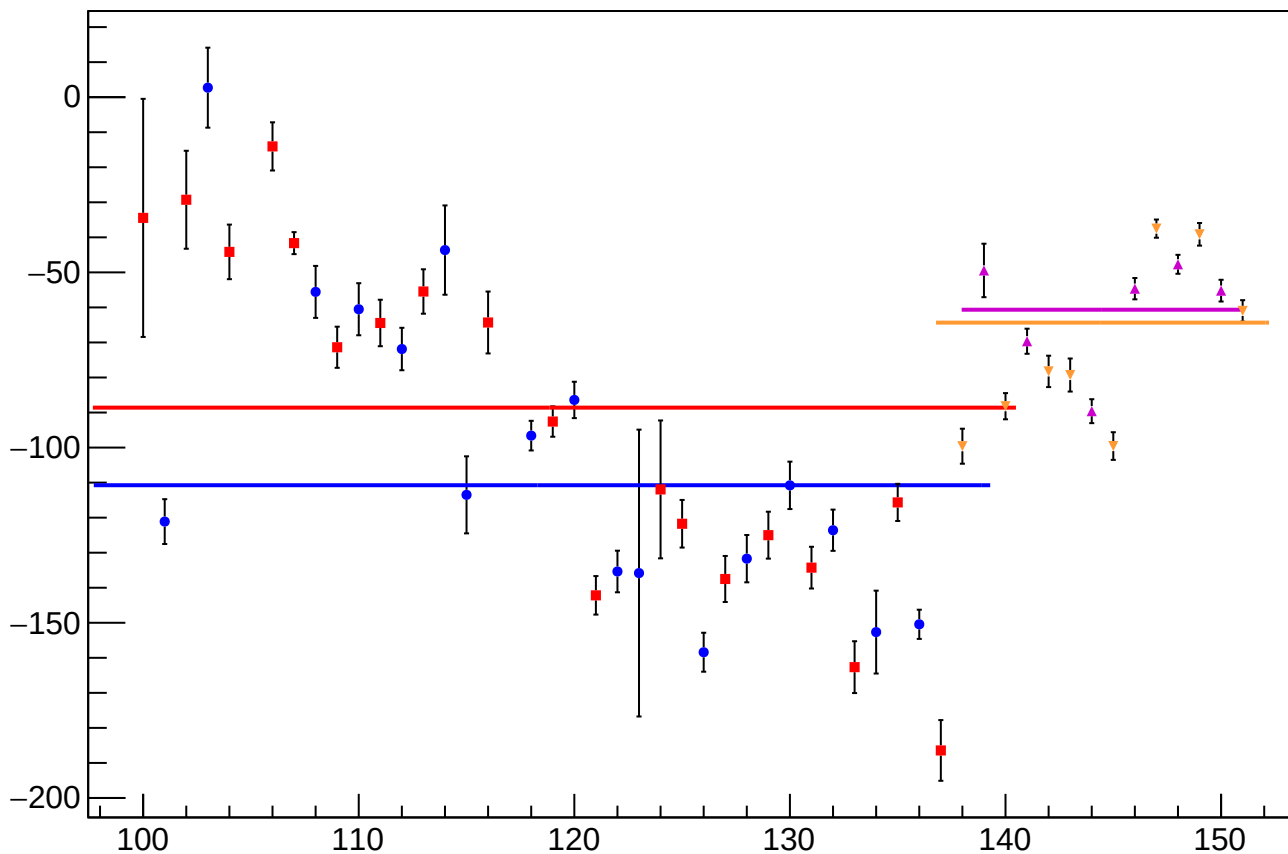
Left In: -250.222 ± 1.668 χ^2/NDF : 72.2/5

+ sign -270.079 ± 1.336 χ^2/NDF : 2055.3/24

All: -264.584 ± 0.951 χ^2/NDF : 5604.9/49

- sign -258.932 ± 1.355 χ^2/NDF : 3515.4/24

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -64.338 ± 1.269 χ^2/NDF : 358.7/7

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

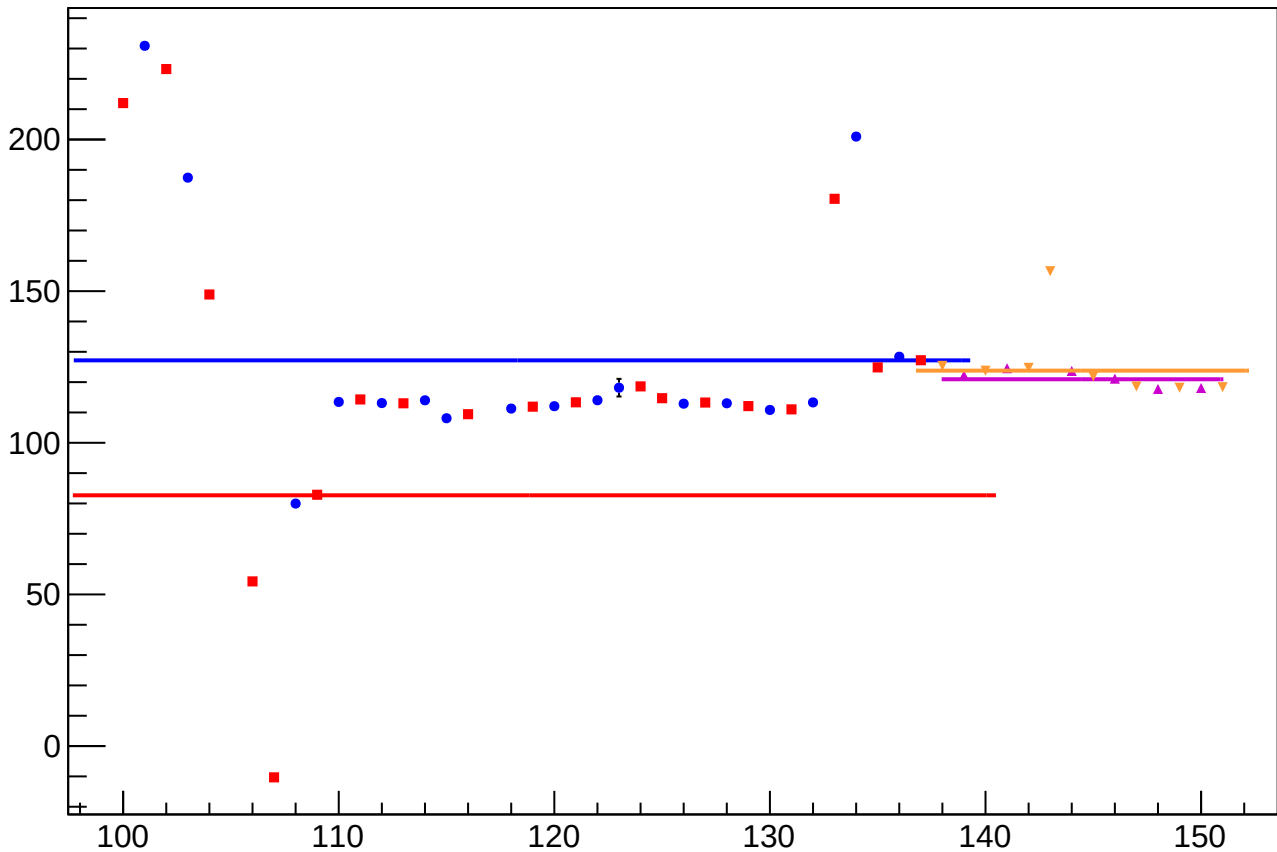
Left In: -60.657 ± 1.373 χ^2/NDF : 110.4/5

+ sign -82.567 ± 0.989 χ^2/NDF : 1397.6/24

All: -78.308 ± 0.700 χ^2/NDF : 2712.8/49

- sign -74.021 ± 0.992 χ^2/NDF : 1278.0/24

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 123.794+/-0.067 χ^2/NDF : 21074.8/7

Right Out: 82.684+/-0.075 χ^2/NDF : 765716.0/18

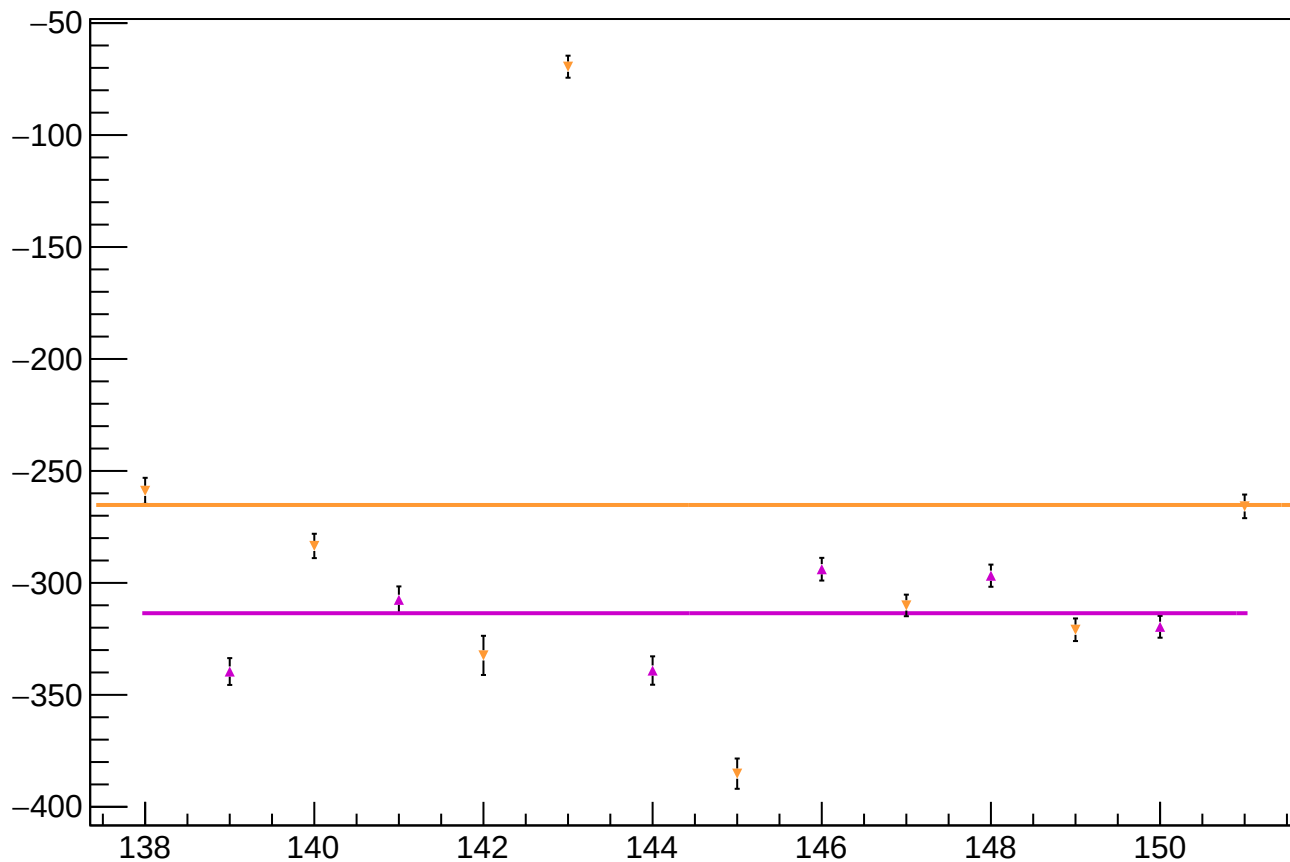
Left In: 120.947+/-0.070 χ^2/NDF : 1422.8/5

+ sign 125.008+/-0.053 χ^2/NDF : 210052.9/24

All: 113.704+/-0.037 χ^2/NDF : 1202668.9/49

- sign 103.313+/-0.051 χ^2/NDF : 906351.1/24

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -265.200 ± 1.970 χ^2/NDF : 2174.9/7

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

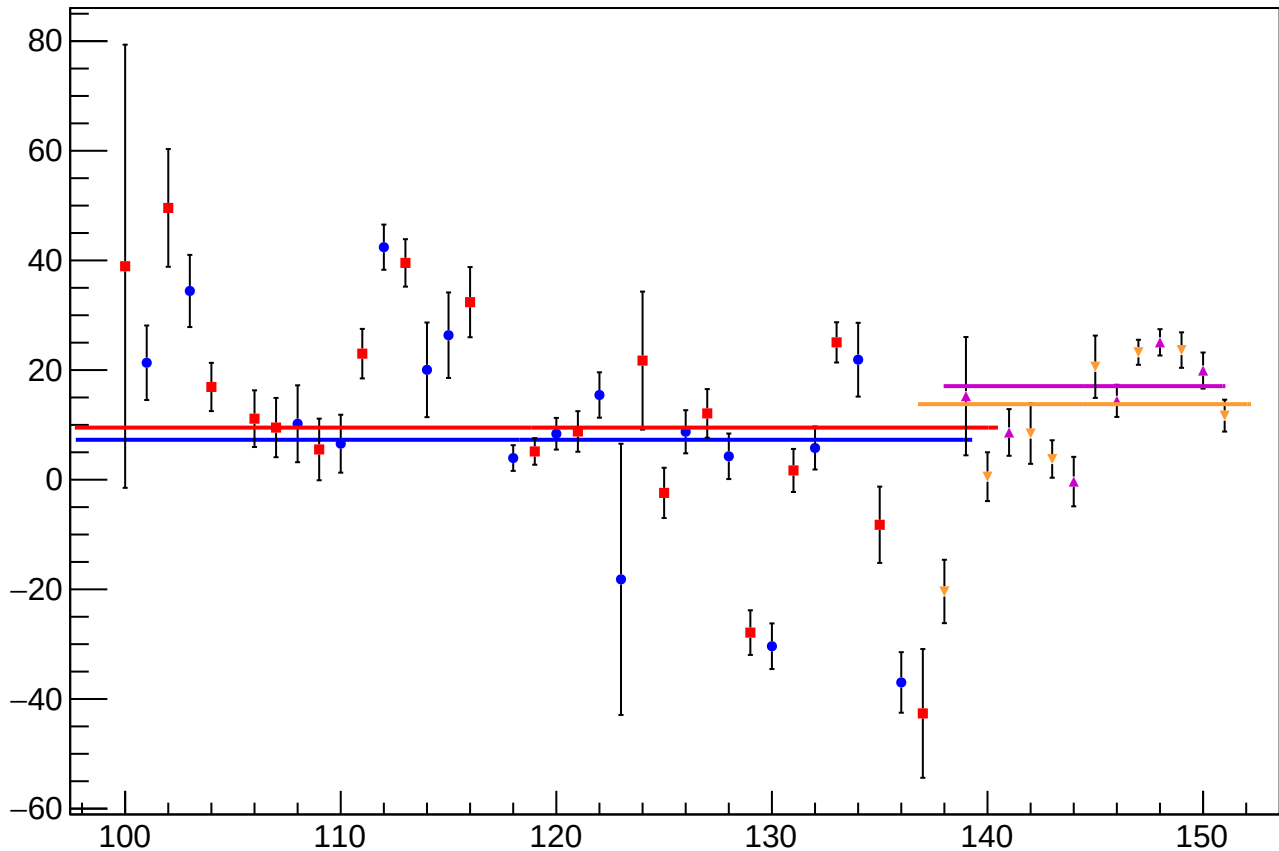
Left In: -313.536 ± 2.222 χ^2/NDF : 64.2/5

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -286.466 ± 1.474 χ^2/NDF : 2504.1/13

- 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: 13.781 ± 1.255 χ^2/NDF : 81.7/7

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

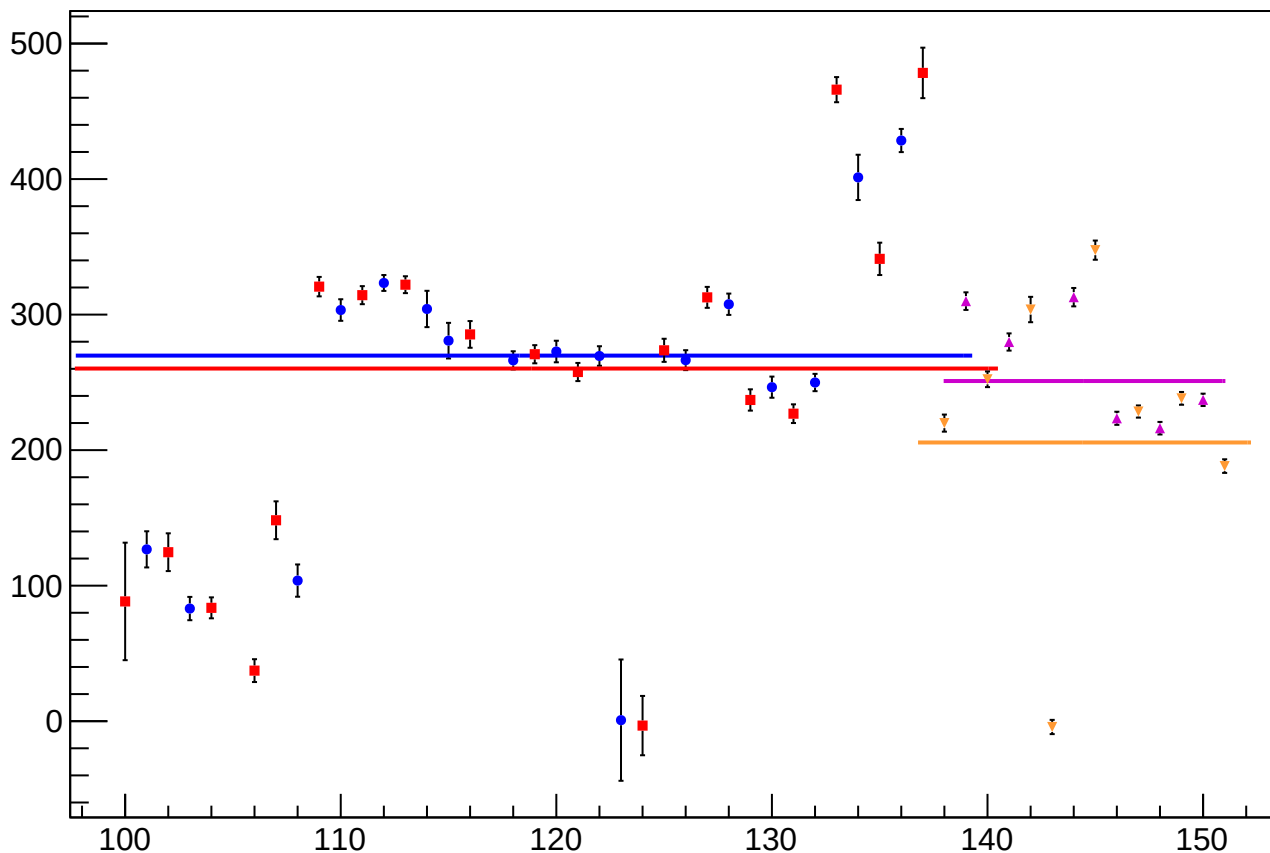
Left In: 17.070 ± 1.422 χ^2/NDF : 31.5/5

+ sign 10.059 ± 0.820 χ^2/NDF : 358.1/24

All: 11.109 ± 0.593 χ^2/NDF : 642.5/49

- sign 12.256 ± 0.857 χ^2/NDF : 281.1/24

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 205.646 $\pm$ 1.975 χ^2 /NDF: 2262.1/7

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

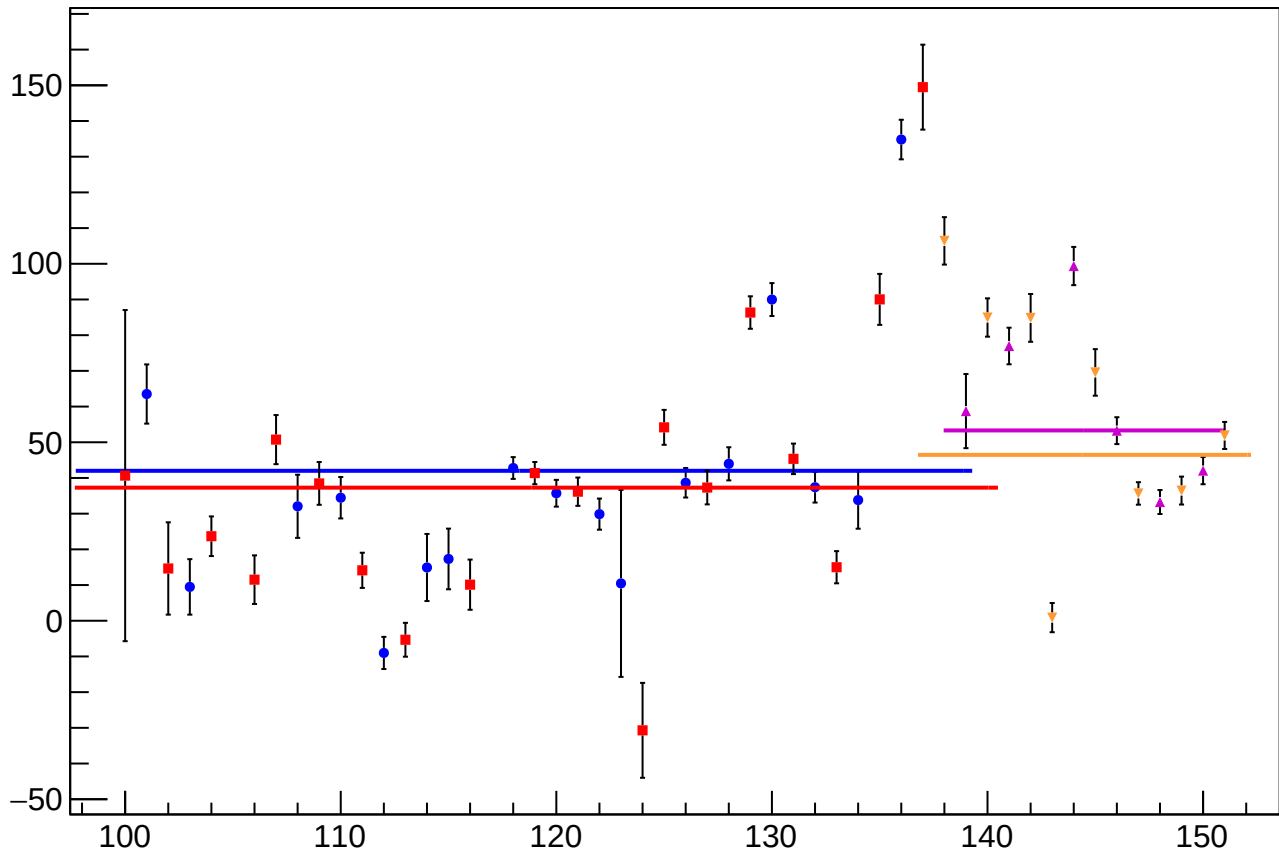
Left In: 250.990 $\pm$ 2.196 χ^2 /NDF: 284.1/5

+ sign 236.173 $\pm$ 1.429 χ^2 /NDF: 4137.7/24

All: 245.850 $\pm$ 1.025 χ^2 /NDF: 7067.4/49

- sign 256.077 $\pm$ 1.469 χ^2 /NDF: 2835.4/24

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF : 575.6/16

Left Out: 46.469+/-1.584 χ^2/NDF : 322.7/7

Right Out: 37.284+/-1.237 χ^2/NDF : 472.6/18

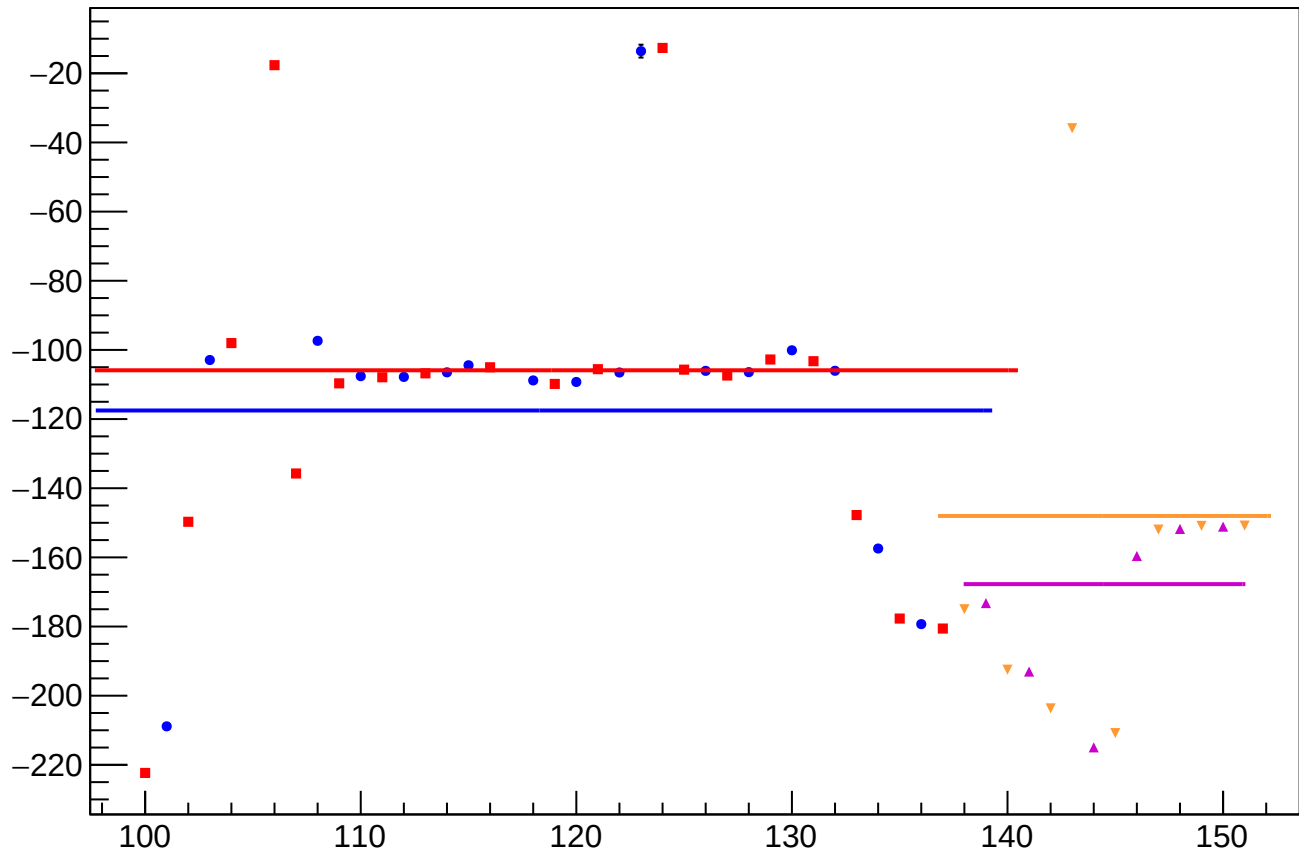
Left In: 53.315+/-1.795 χ^2/NDF : 139.9/5

+ sign 43.729+/-0.984 χ^2/NDF : 903.1/24

All: 43.109+/-0.708 χ^2/NDF : 1570.5/49

- sign 42.445+/-1.019 χ^2/NDF : 666.6/24

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 $\chi^2/\text{NDF}: 142016.6/16$

Left Out: -148.019 ± 0.084 $\chi^2/\text{NDF}: 399488.3/7$

Right Out: -105.892 ± 0.073 $\chi^2/\text{NDF}: 324304.4/18$

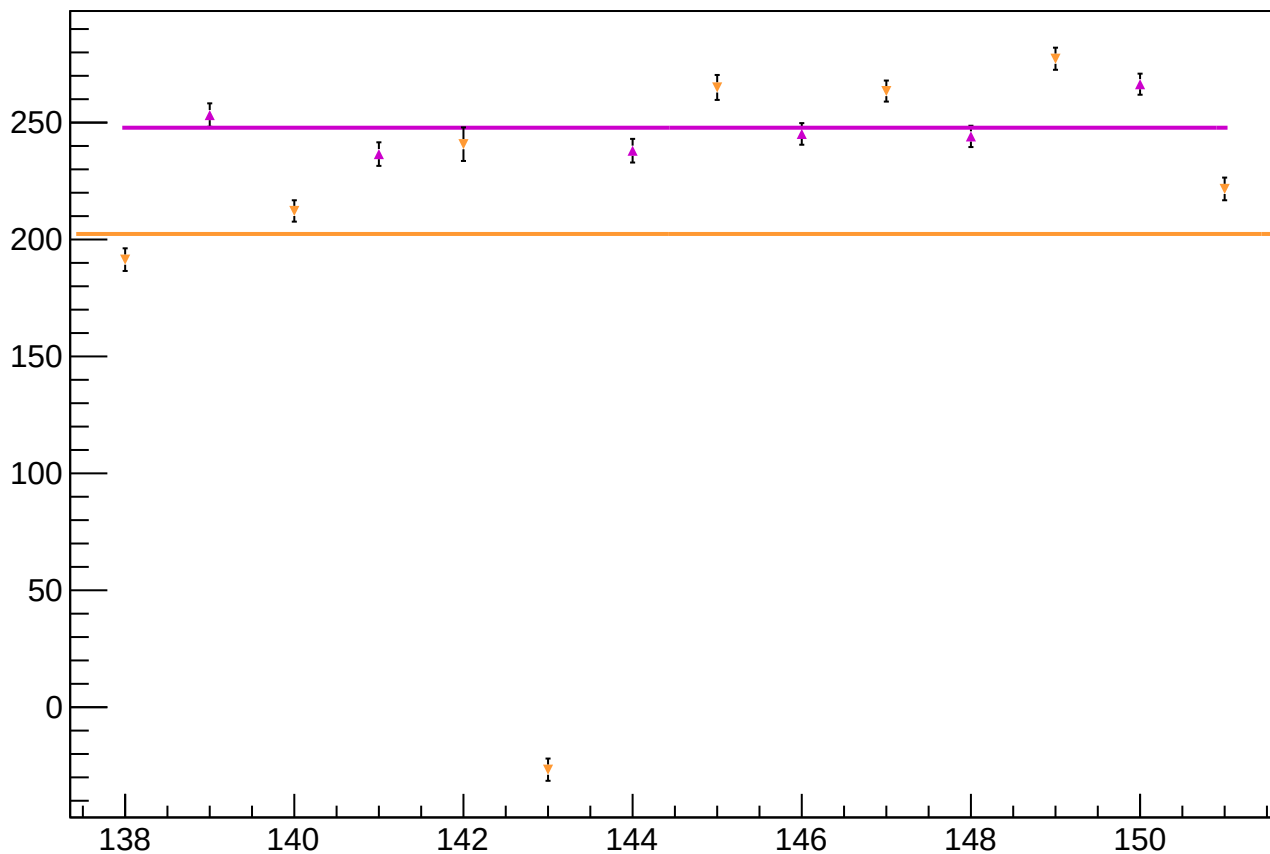
Left In: -167.732 ± 0.092 $\chi^2/\text{NDF}: 50826.7/5$

+ sign -131.608 ± 0.057 $\chi^2/\text{NDF}: 612158.7/24$

All: -130.667 ± 0.040 $\chi^2/\text{NDF}: 1265971.5/49$

- sign -129.729 ± 0.057 $\chi^2/\text{NDF}: 653272.0/24$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 202.371+/-1.752 χ^2/NDF : 2948.8/7

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

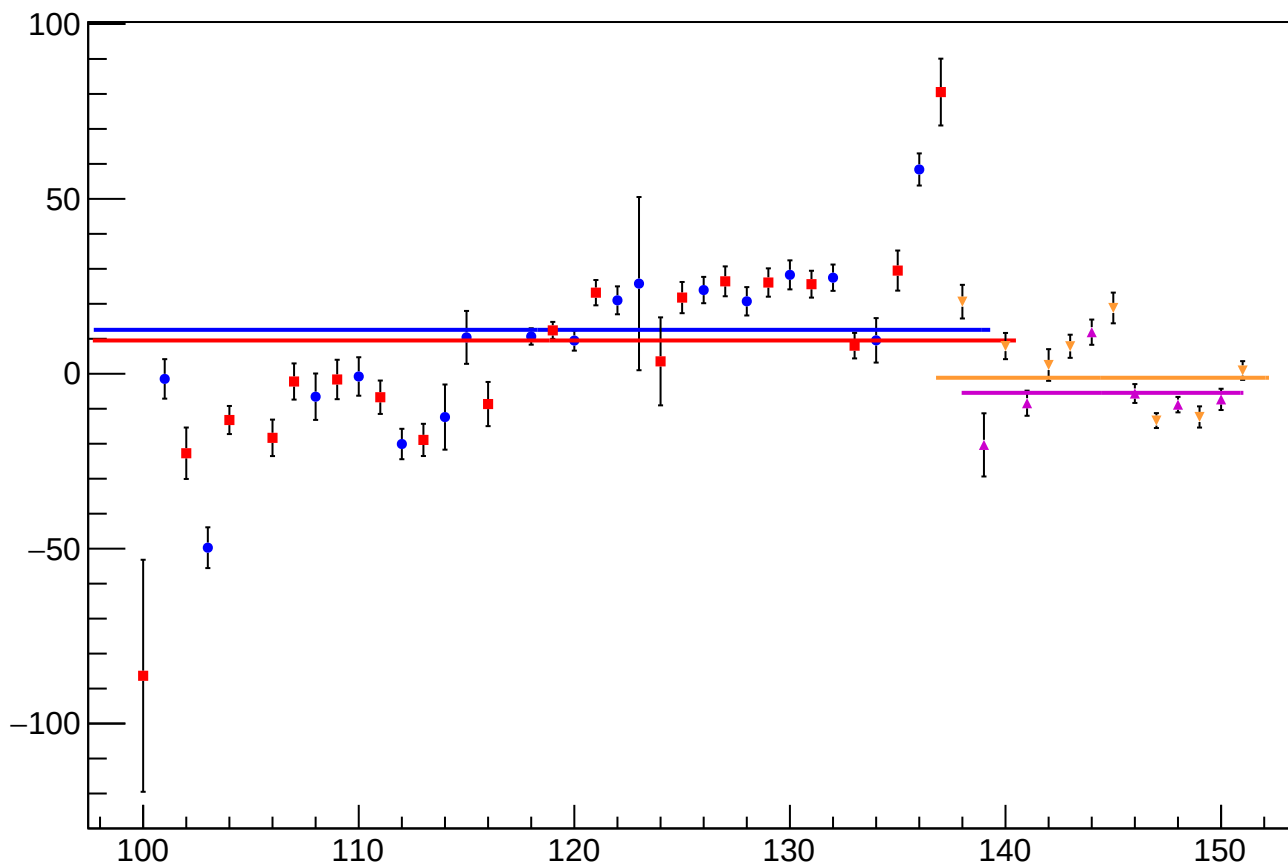
Left In: 247.804+/-1.952 χ^2/NDF : 28.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.638+/-1.304 χ^2/NDF : 3276.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 ± 1.056 χ^2/NDF : 347.7/16

Left Out: -1.141 ± 1.136 χ^2/NDF : 102.3/7

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

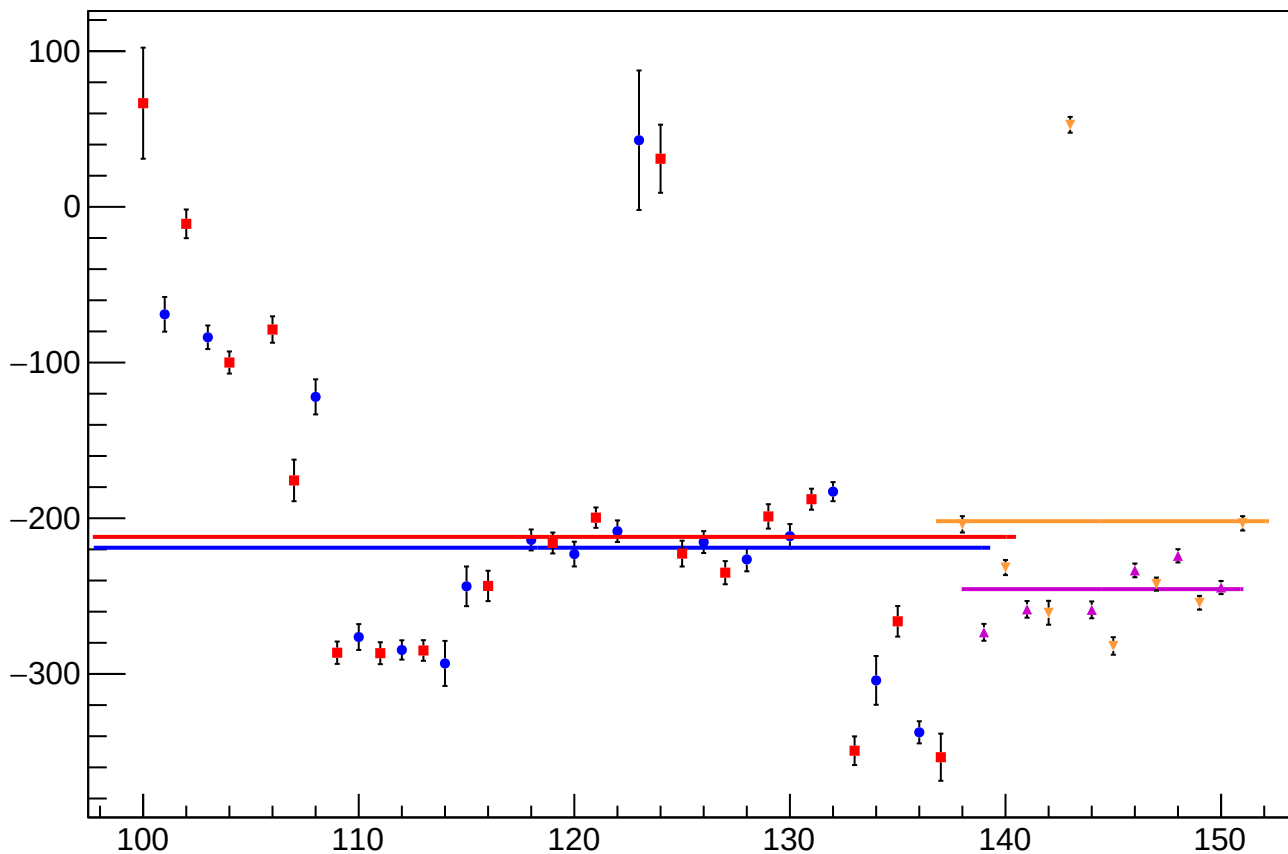
Left In: -5.452 ± 1.273 χ^2/NDF : 29.2/5

+ sign 6.212 ± 0.773 χ^2/NDF : 528.1/24

All: 4.898 ± 0.559 χ^2/NDF : 941.9/49

- sign 3.455 ± 0.810 χ^2/NDF : 407.7/24

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -201.882 ± 1.767 $\chi^2/\text{NDF}: 3047.6/7$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

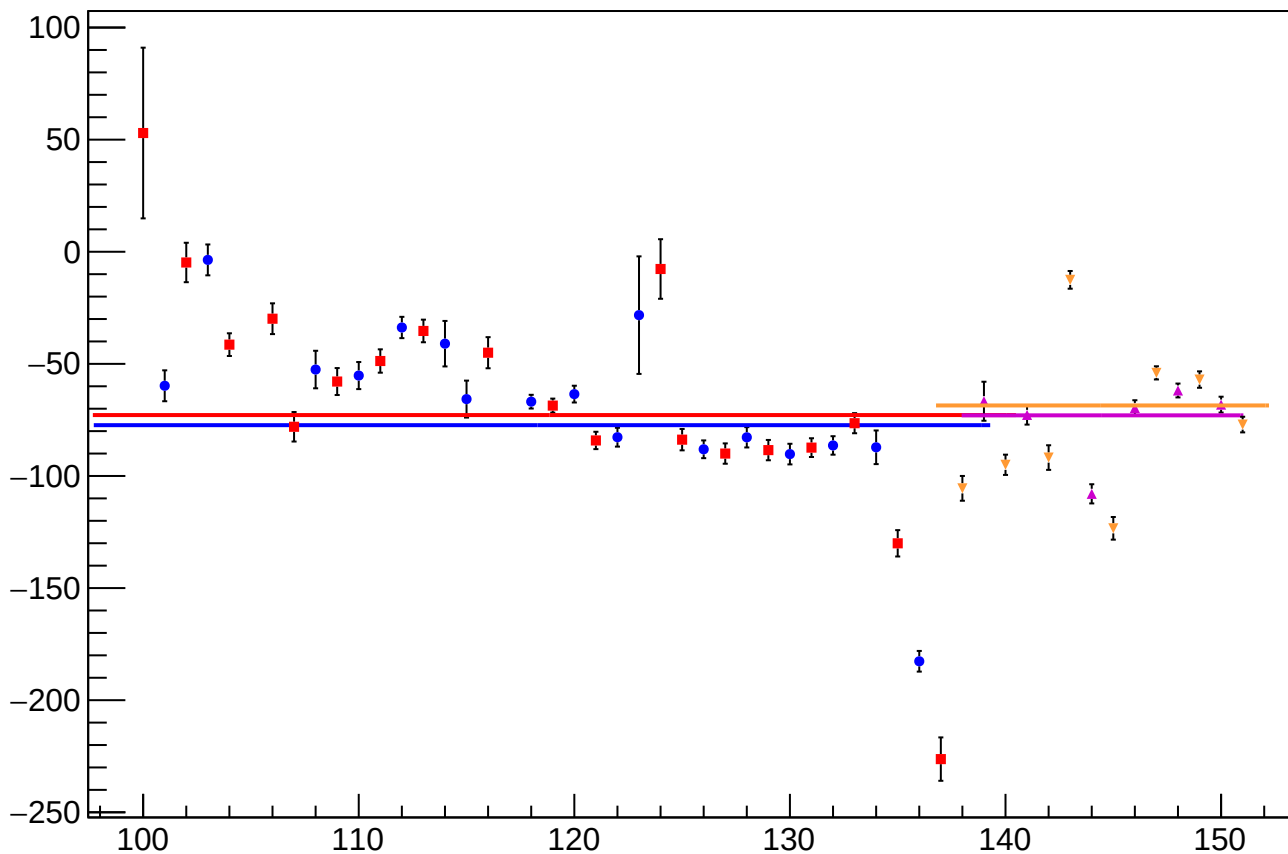
Left In: -245.528 ± 1.942 $\chi^2/\text{NDF}: 70.6/5$

+ sign -209.328 ± 1.326 $\chi^2/\text{NDF}: 4234.9/24$

All: -218.670 ± 0.952 $\chi^2/\text{NDF}: 6444.7/49$

- sign -228.597 ± 1.367 $\chi^2/\text{NDF}: 2107.5/24$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -68.548 ± 1.428 χ^2/NDF : 456.0/7

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

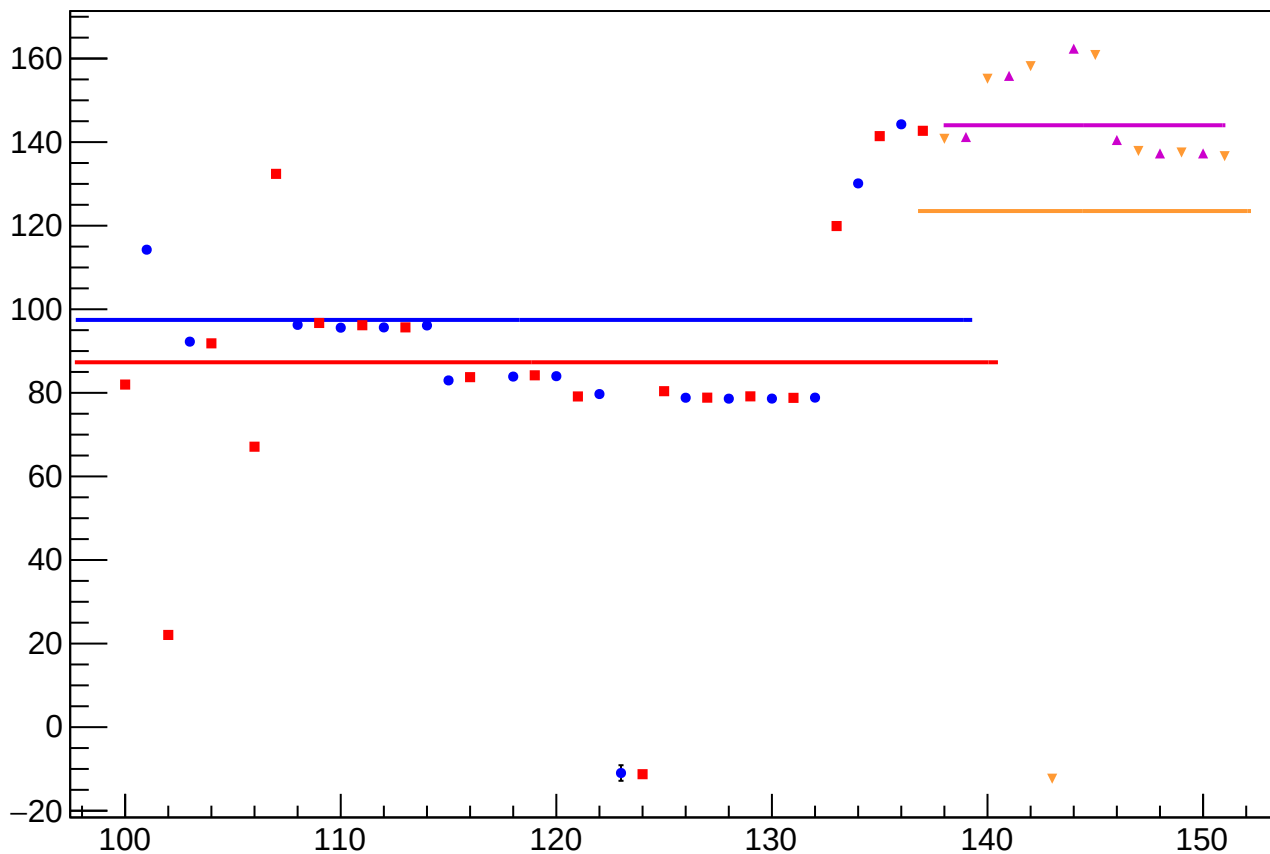
Left In: -72.960 ± 1.601 χ^2/NDF : 83.1/5

+ sign -73.633 ± 0.927 χ^2/NDF : 1295.2/24

All: -73.272 ± 0.668 χ^2/NDF : 2051.5/49

- sign -72.881 ± 0.964 χ^2/NDF : 756.0/24

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 123.505 $\pm$ 0.075 χ^2 /NDF: 532237.8/7

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

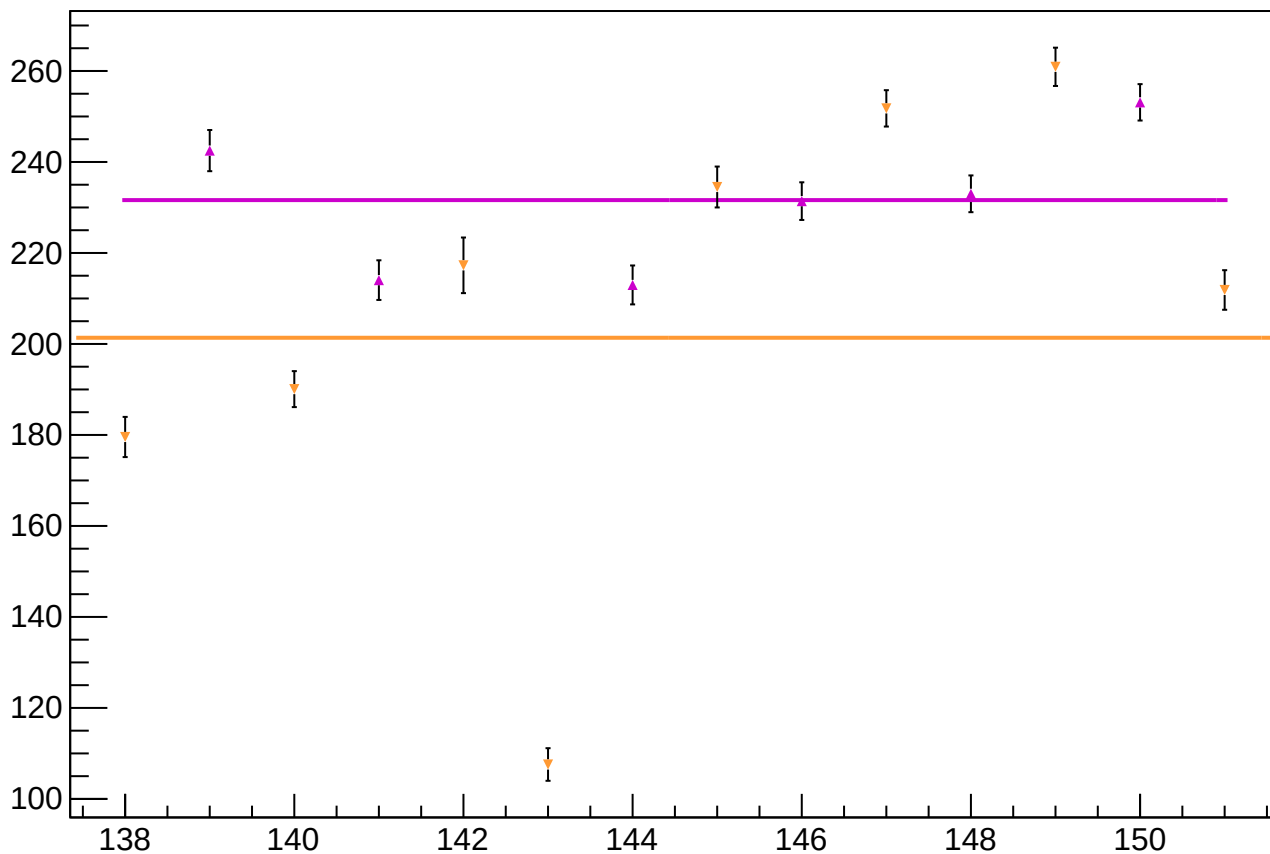
Left In: 144.034 $\pm$ 0.081 χ^2 /NDF: 12306.8/5

+ sign 110.173 $\pm$ 0.052 χ^2 /NDF: 688460.1/24

All: 110.520 $\pm$ 0.037 χ^2 /NDF: 1209511.3/49

- sign 110.864 $\pm$ 0.052 χ^2 /NDF: 520964.1/24

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: 201.363+/-1.506 χ^2/NDF :1143.3/7

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

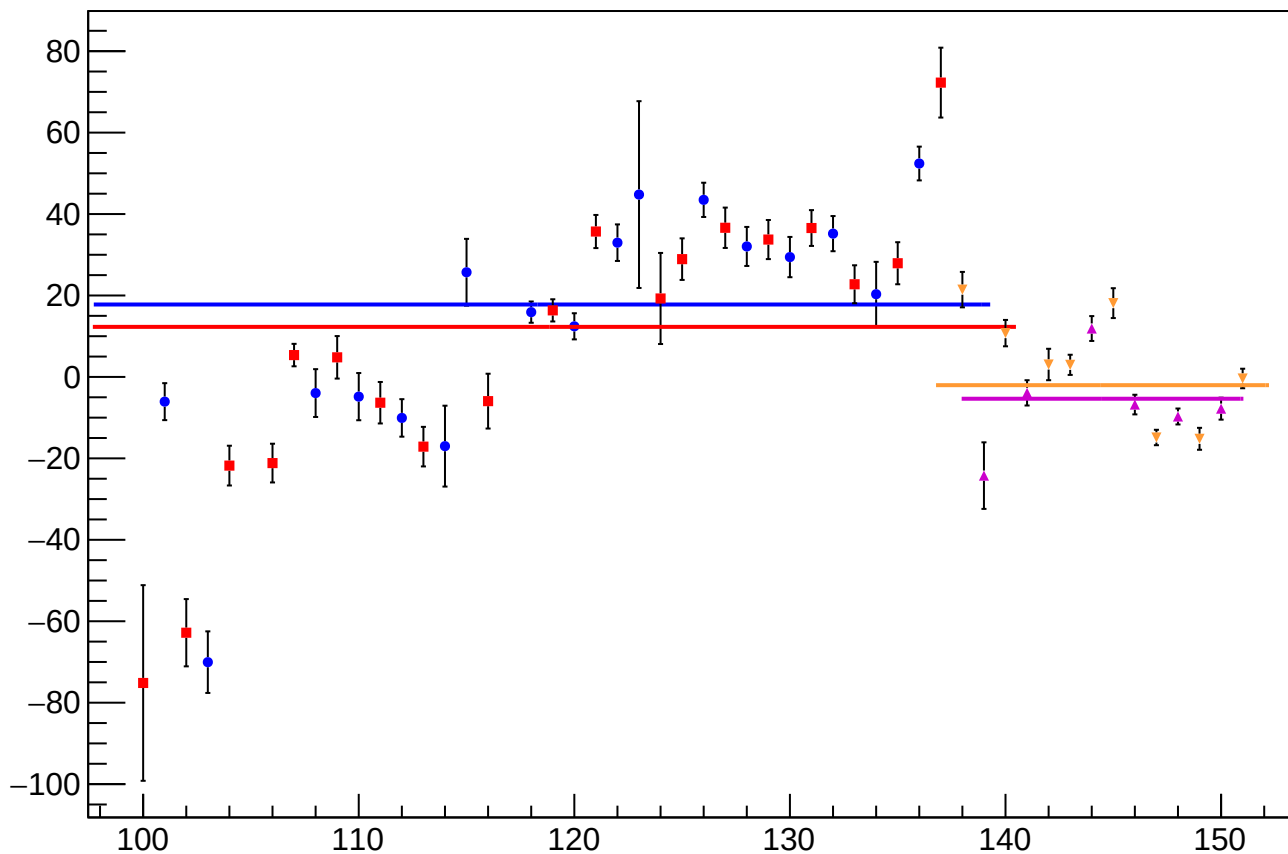
Left In: 231.621+/-1.719 χ^2/NDF :70.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.495+/-1.133 χ^2/NDF : 1388.7/13

- 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 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: -2.024 $\pm$ 0.979 χ^2 /NDF: 151.0/7

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

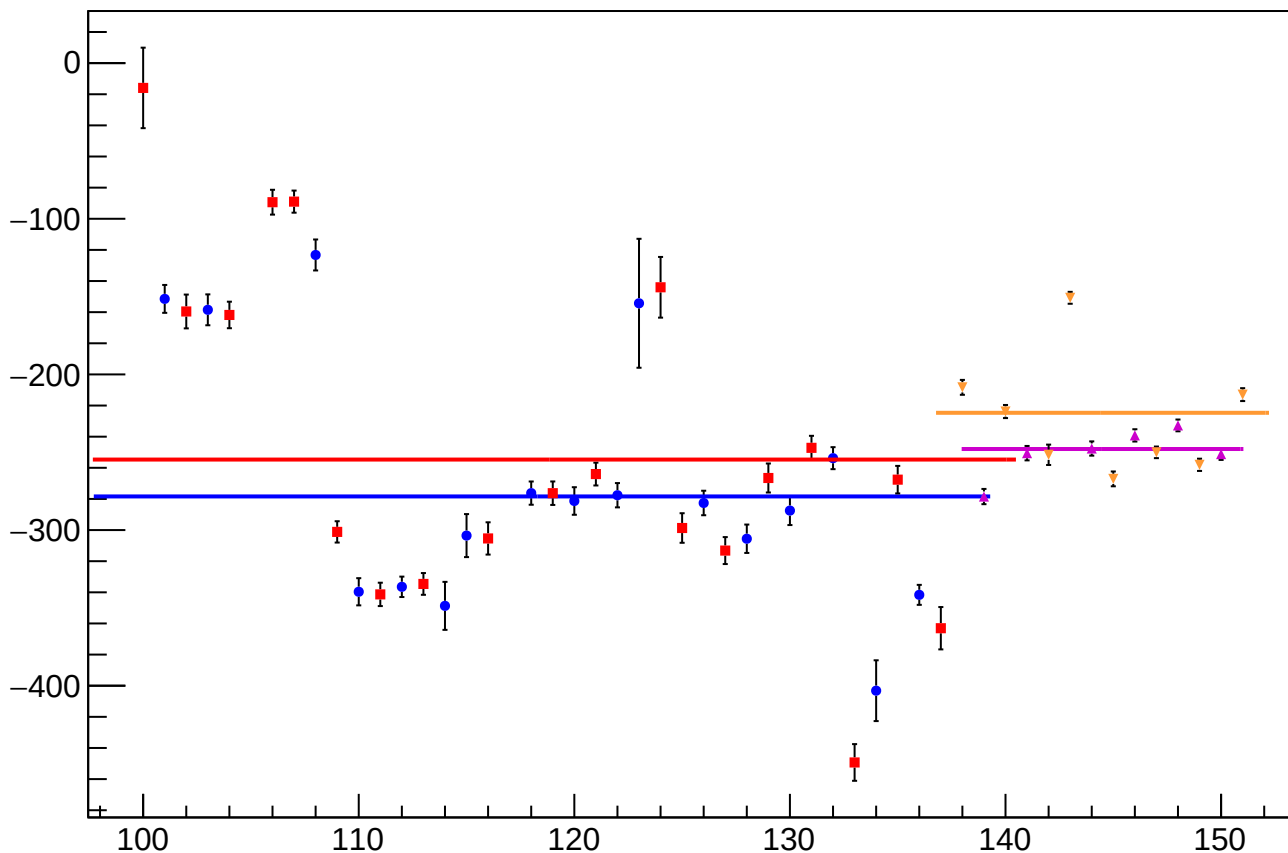
Left In: -5.356 $\pm$ 1.121 χ^2 /NDF: 43.6/5

+ sign 6.330 $\pm$ 0.744 χ^2 /NDF: 718.8/24

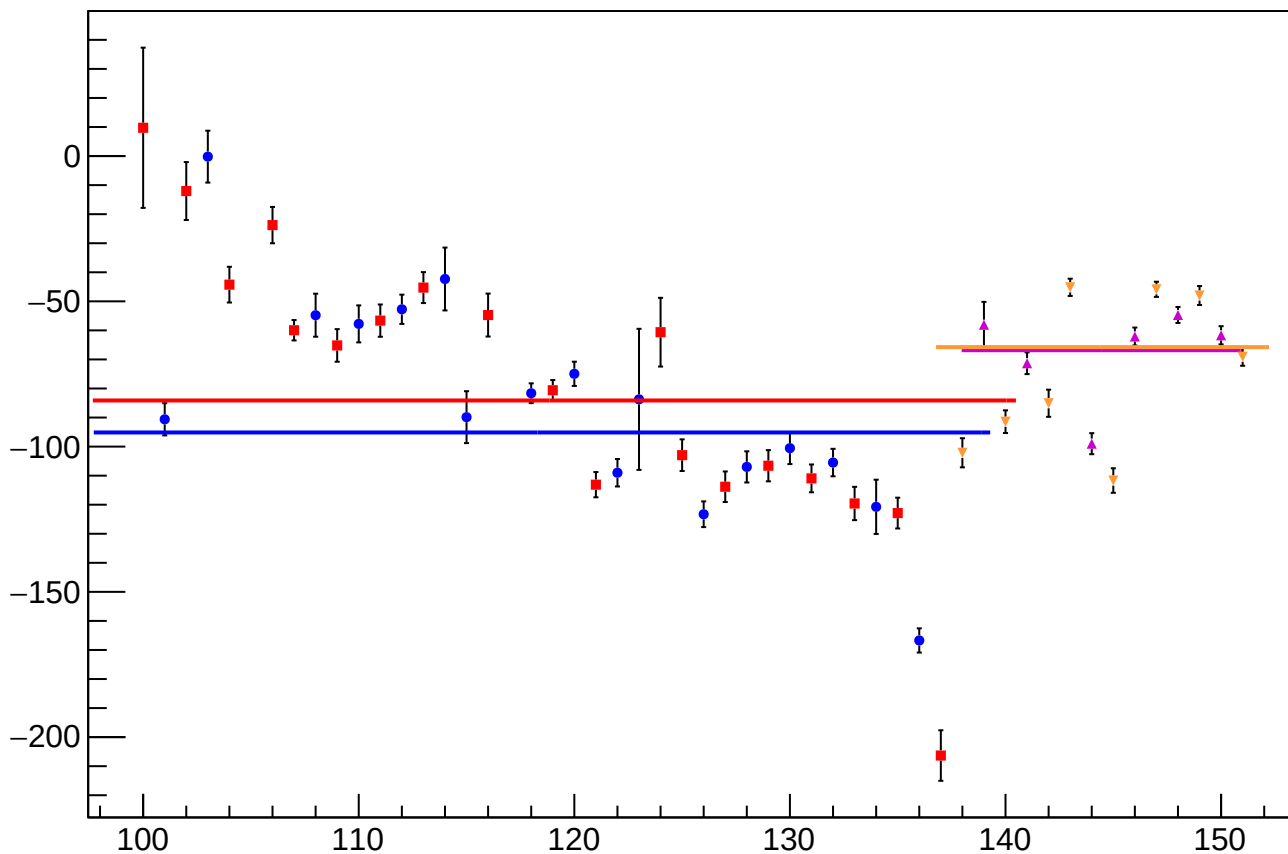
All: 5.099 $\pm$ 0.539 χ^2 /NDF: 1339.8/49

- sign 3.747 $\pm$ 0.780 χ^2 /NDF: 615.2/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -65.756 ± 1.227 χ^2/NDF : 368.1/7

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

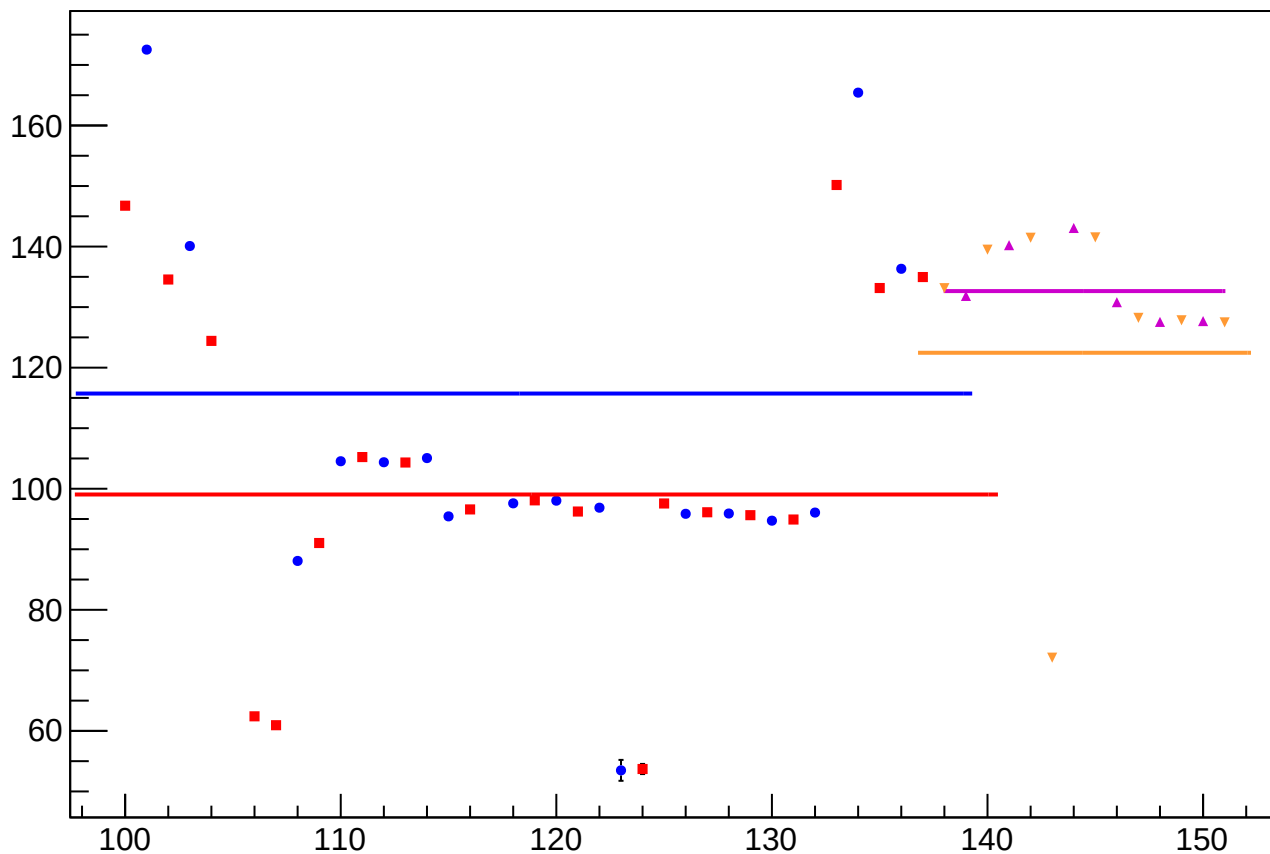
Left In: -66.824 ± 1.408 χ^2/NDF : 106.3/5

+ sign -79.348 ± 0.900 χ^2/NDF : 1308.2/24

All: -77.956 ± 0.649 χ^2/NDF : 2286.3/49

- sign -76.440 ± 0.938 χ^2/NDF : 973.1/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724±/0.078 χ^2/NDF : 106388.1/16

Left Out: 122.459±/0.065 χ^2/NDF :137916.6/7

Right Out: 99.049±/0.069 χ^2/NDF : 173463.3/18

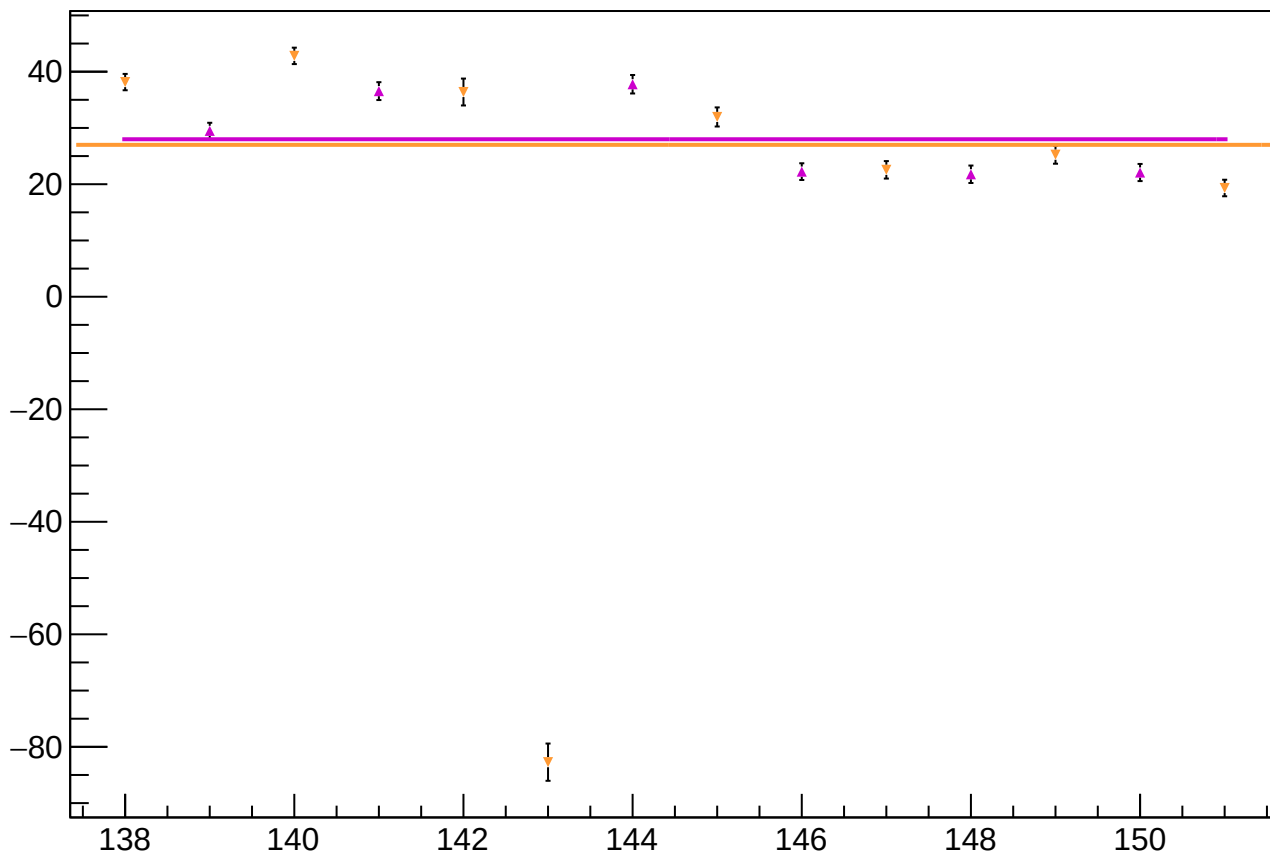
Left In: 132.646±/0.072 χ^2/NDF :6460.9/5

+ sign 119.721±/0.050 χ^2/NDF : 248732.3/24

All: 117.412±/0.035 χ^2/NDF : 548047.4/49

- sign 115.126±/0.049 χ^2/NDF : 295021.4/24

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: 26.997+/-0.595 χ^2/NDF :1335.5/7

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

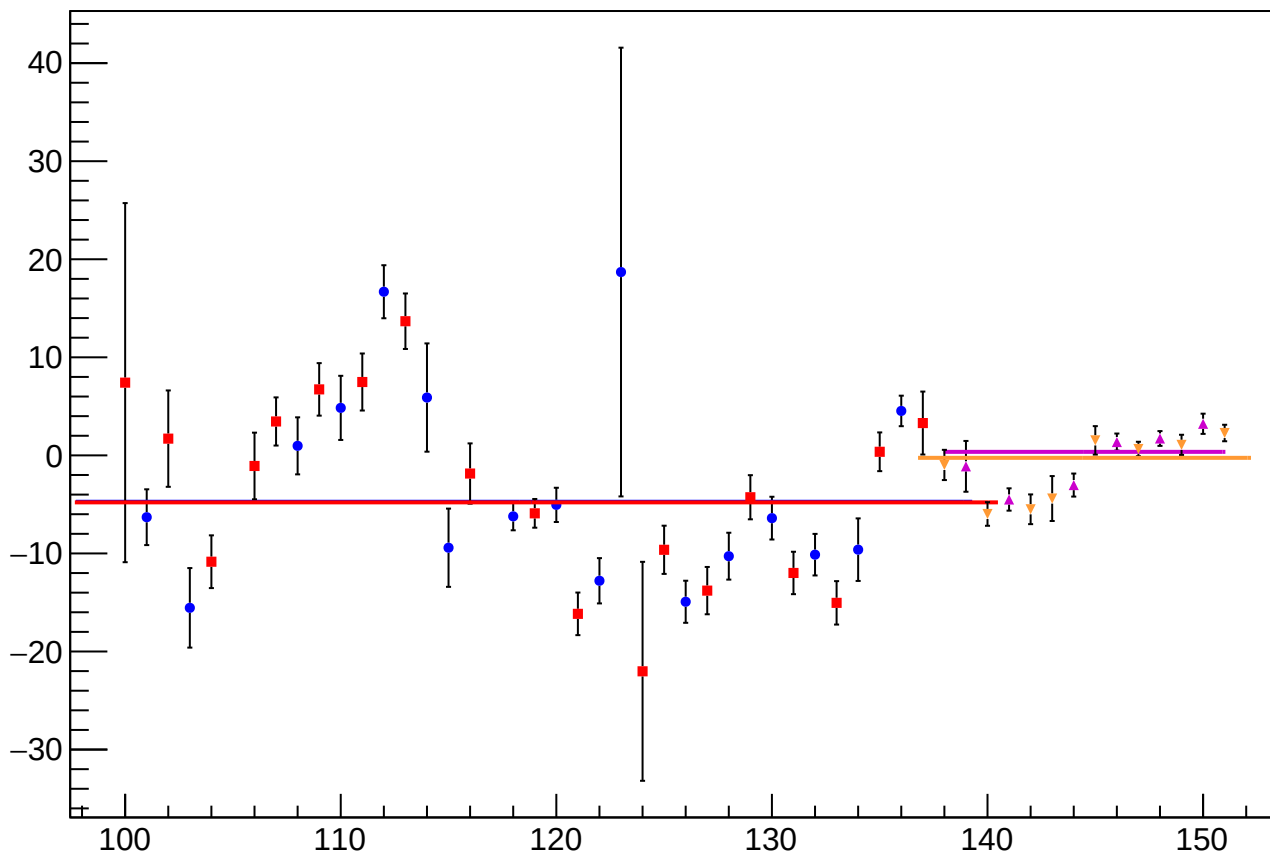
Left In: 27.991+/-0.626 χ^2/NDF :111.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.469+/-0.431 χ^2/NDF : 1448.6/13

- 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: -0.252 ± 0.395 χ^2/NDF : 51.8/7

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

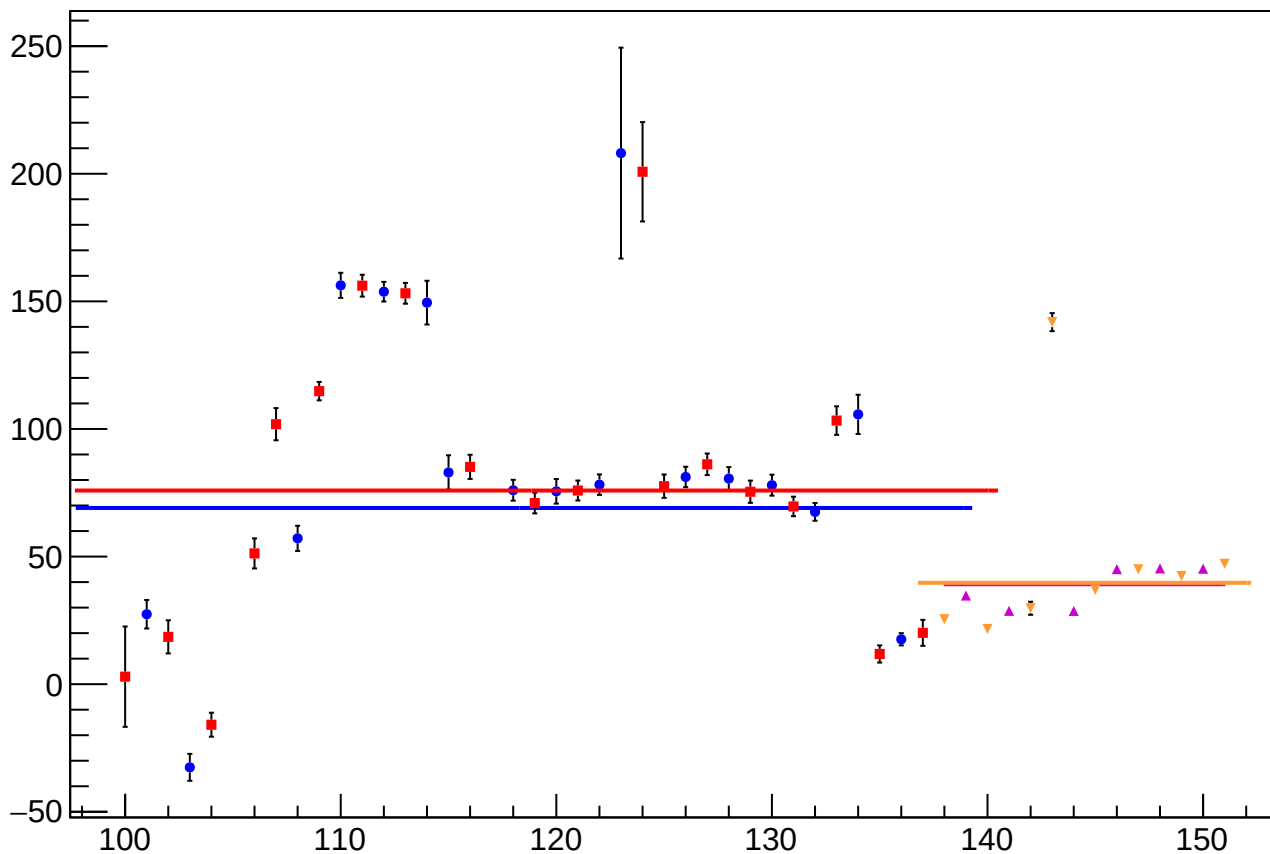
Left In: 0.359 ± 0.420 χ^2/NDF : 39.2/5

+ sign -1.672 ± 0.326 χ^2/NDF : 267.4/24

All: -1.537 ± 0.236 χ^2/NDF : 551.6/49

- sign -1.389 ± 0.341 χ^2/NDF : 283.8/24

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 39.725 $\pm$ 0.598 χ^2 /NDF:1115.4/7

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

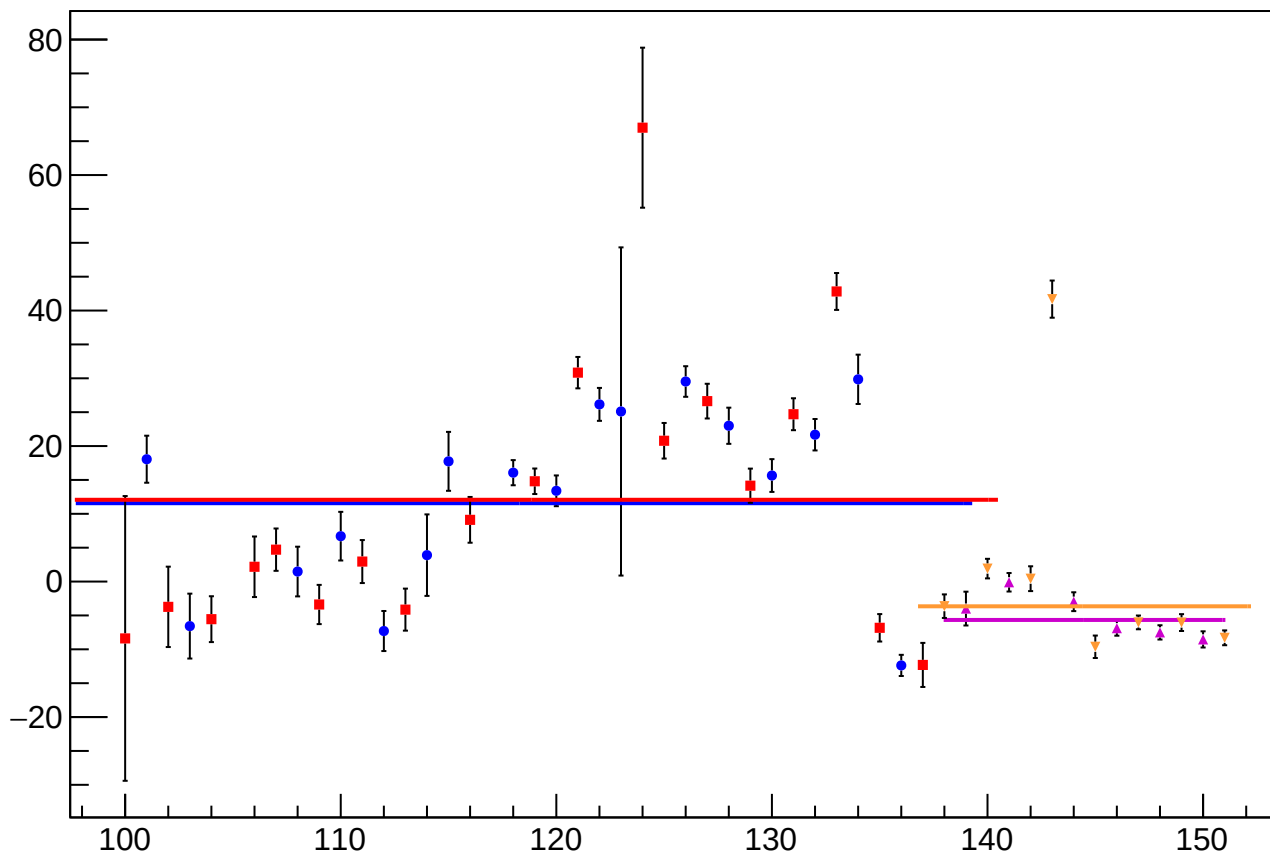
Left In: 39.153 $\pm$ 0.626 χ^2 /NDF:135.8/5

+ sign 46.643 $\pm$ 0.523 χ^2 /NDF: 3530.0/24

All: 47.552 $\pm$ 0.376 χ^2 /NDF: 6445.4/49

- sign 48.521 $\pm$ 0.540 χ^2 /NDF: 2909.2/24

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -3.653 $\pm$ 0.496 χ^2 /NDF:333.2/7

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

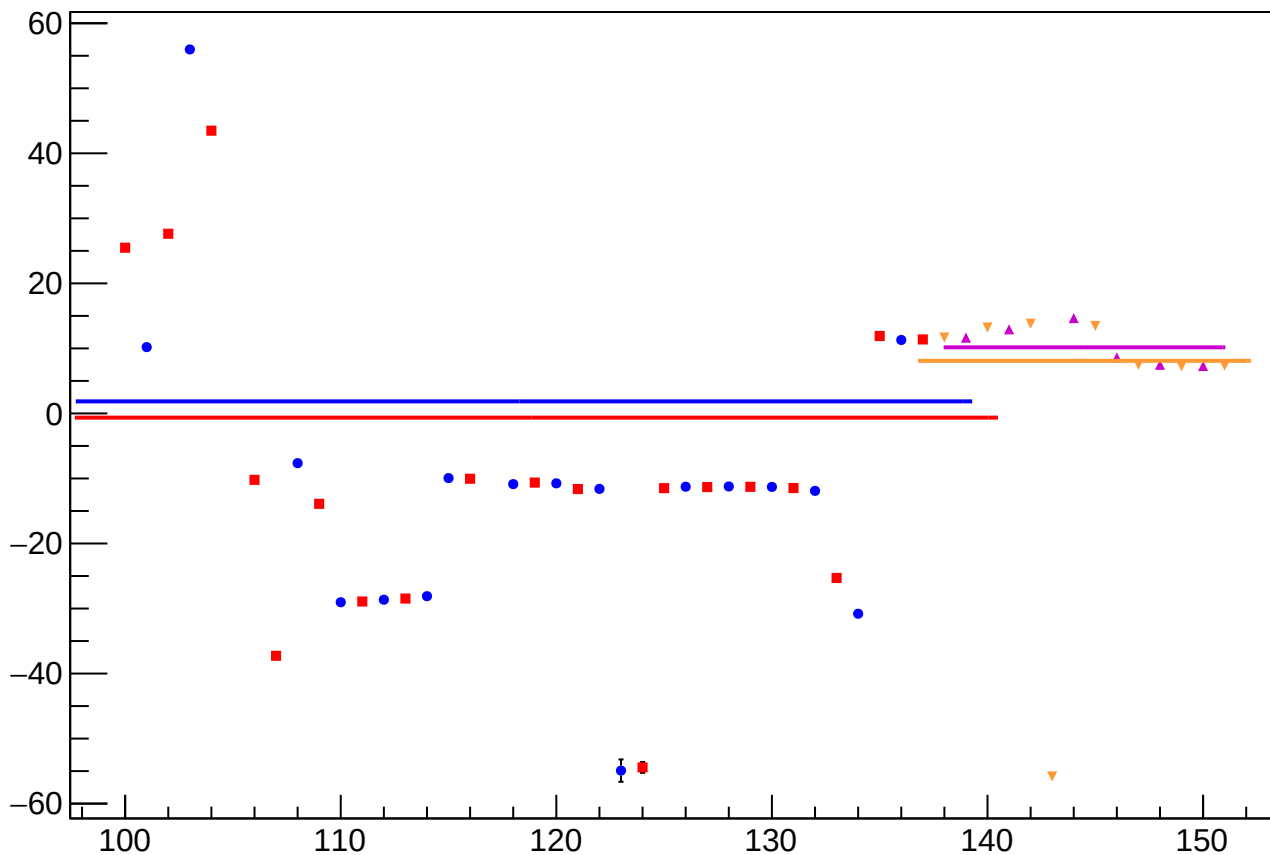
Left In: -5.666 $\pm$ 0.525 χ^2 /NDF:30.8/5

+ sign 1.865 $\pm$ 0.396 χ^2 /NDF: 1152.1/24

All: 1.523 $\pm$ 0.286 χ^2 /NDF: 2166.4/49

- sign 1.153 $\pm$ 0.412 χ^2 /NDF: 1012.7/24

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 8.091+/-0.025 χ^2/NDF : 222422.3/7

Right Out: -0.644+/-0.037 χ^2/NDF : 361625.7/18

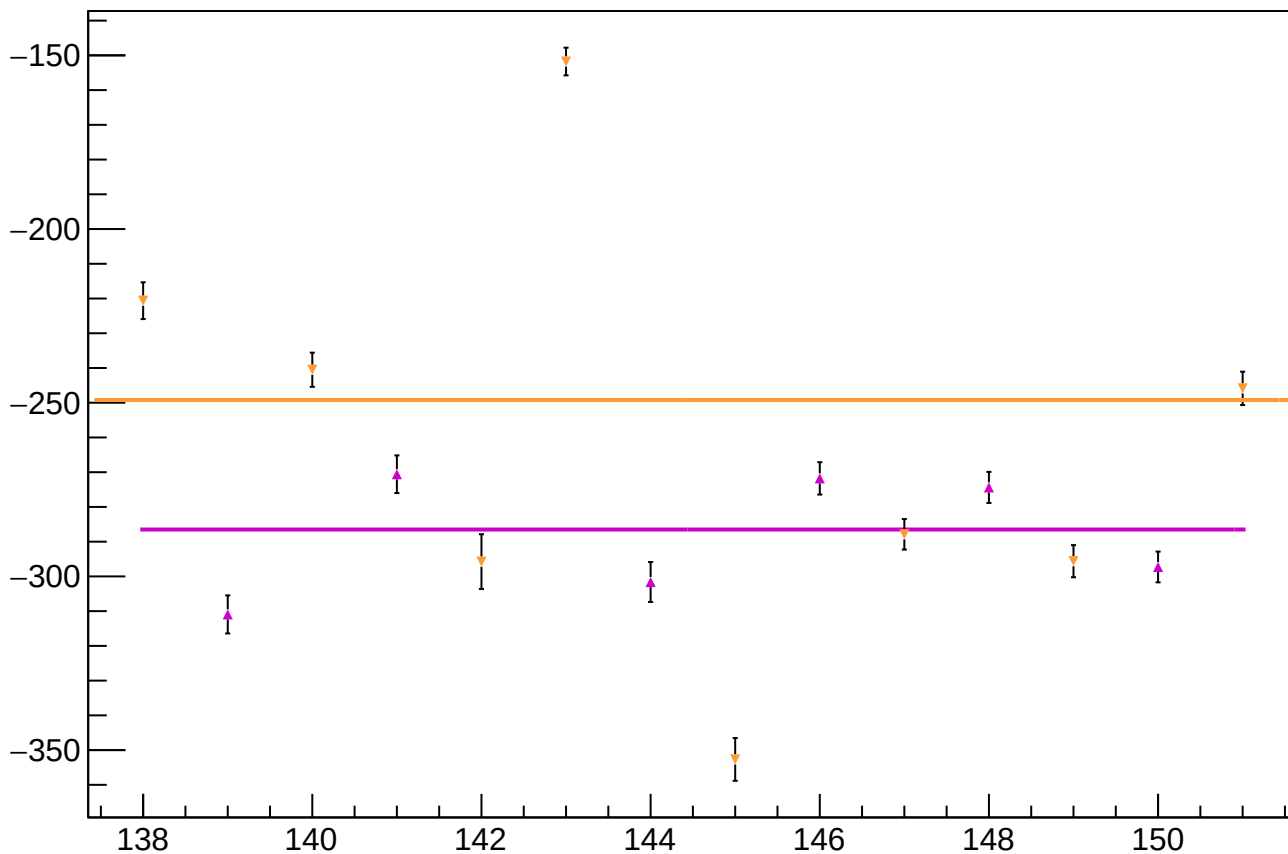
Left In: 10.164+/-0.026 χ^2/NDF : 10567.0/5

+ sign 6.102+/-0.021 χ^2/NDF : 601181.8/24

All: 6.357+/-0.015 χ^2/NDF : 1030870.8/49

- sign 6.620+/-0.021 χ^2/NDF : 429386.1/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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

Left Out: -249.224+/-1.757 χ^2/NDF : 1124.8/7

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

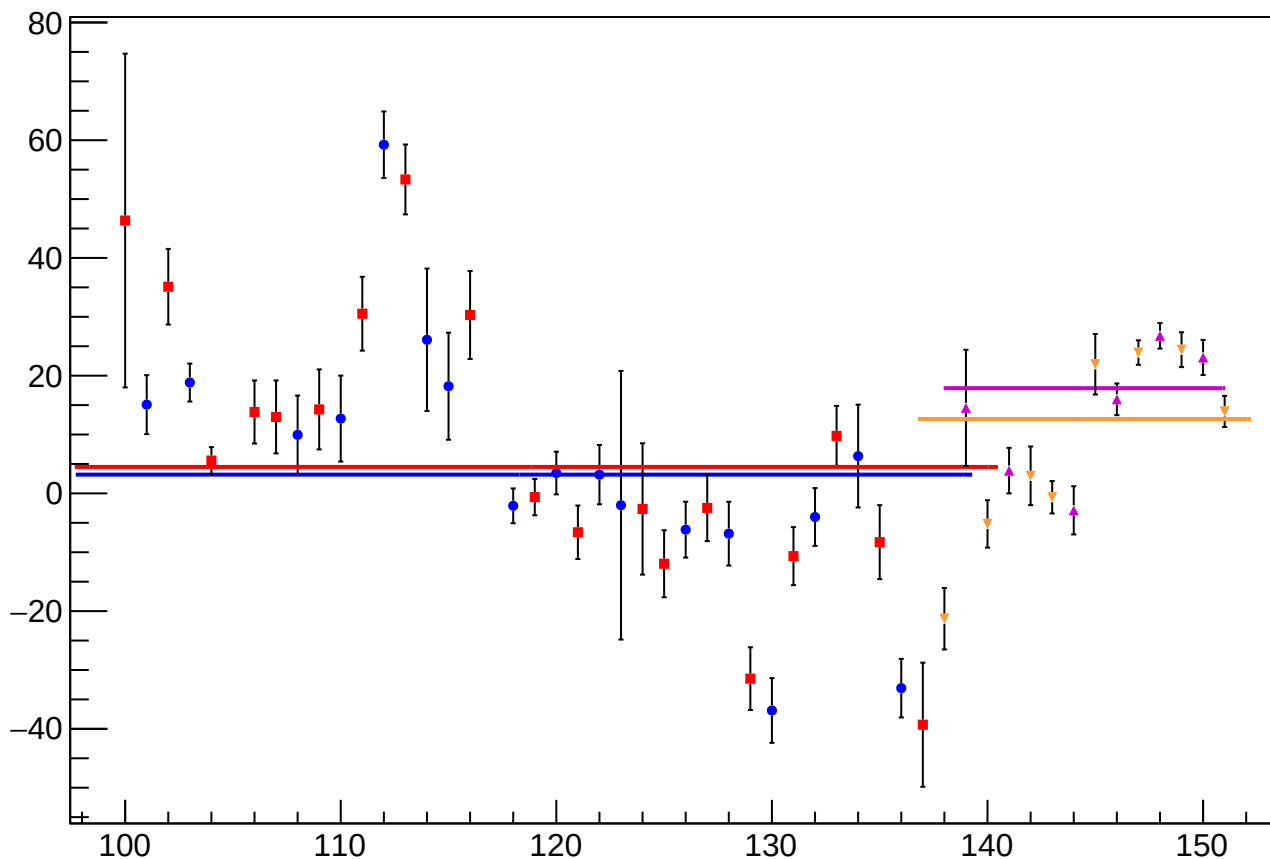
Left In: -286.497+/-2.023 χ^2/NDF : 58.6/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.246+/-1.326 χ^2/NDF : 1376.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188 $\pm$ 1.225 χ^2 /NDF: 255.6/16

Left Out: 12.638 $\pm$ 1.121 χ^2 /NDF:137.5/7

Right Out: 4.497 $\pm$ 1.160 χ^2 /NDF: 225.4/18

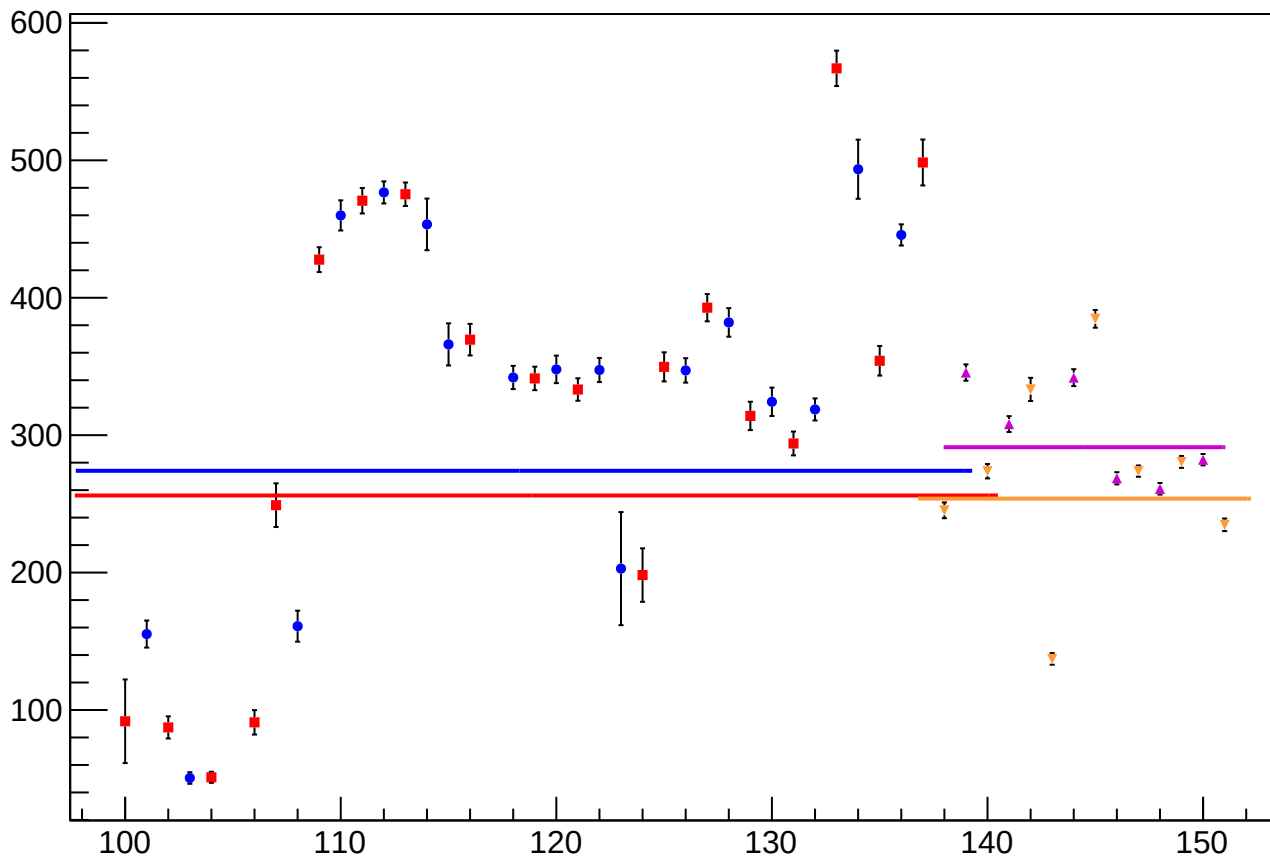
Left In: 17.877 $\pm$ 1.292 χ^2 /NDF:59.3/5

+ sign 8.333 $\pm$ 0.827 χ^2 /NDF: 425.6/24

All: 9.356 $\pm$ 0.597 χ^2 /NDF: 772.9/49

- sign 10.469 $\pm$ 0.863 χ^2 /NDF: 344.1/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 ± 2.191 $\chi^2/\text{NDF}: 5112.0/16$

Left Out: 253.821 ± 1.766 $\chi^2/\text{NDF}: 1345.3/7$

Right Out: 256.109 ± 2.080 $\chi^2/\text{NDF}: 6444.1/18$

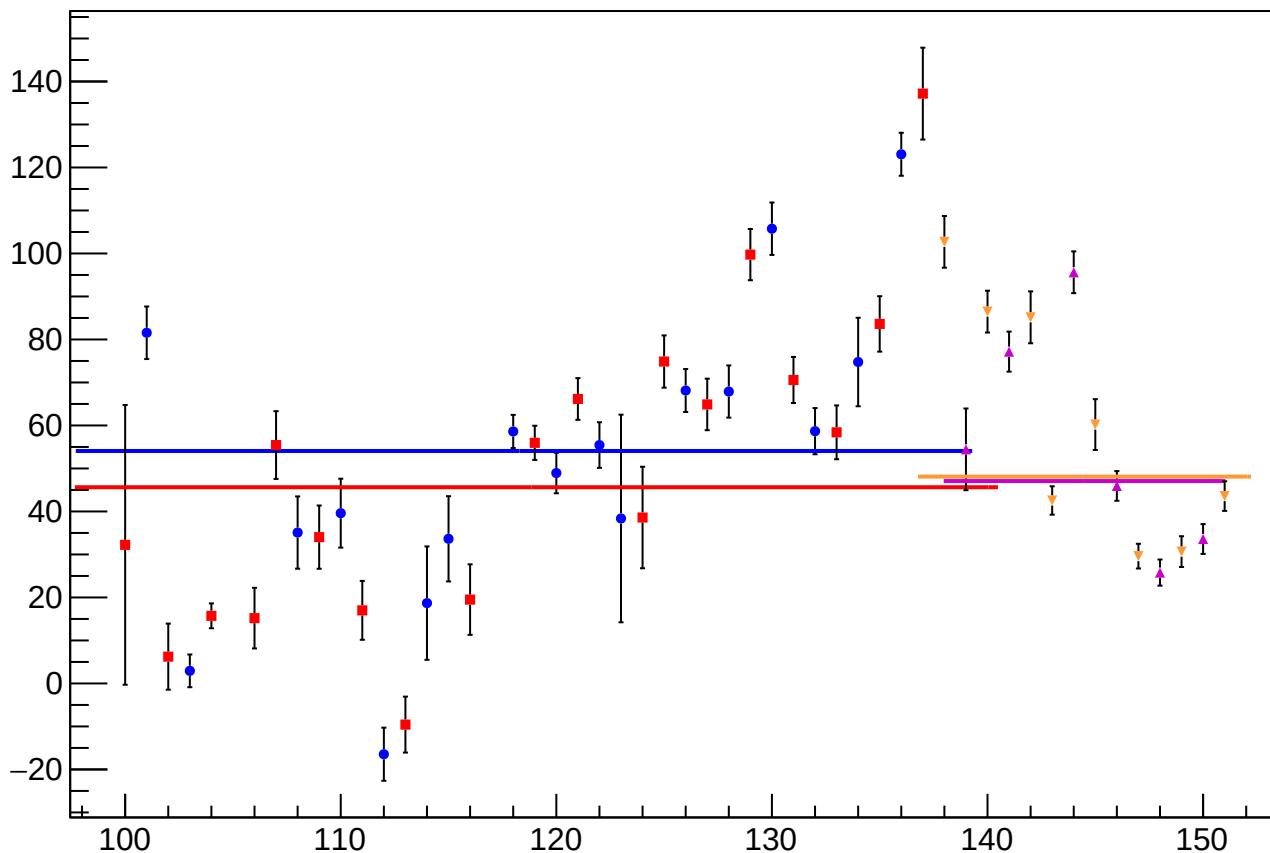
Left In: 291.226 ± 1.998 $\chi^2/\text{NDF}: 242.7/5$

+ sign 261.802 ± 1.375 $\chi^2/\text{NDF}: 6509.1/24$

All: 267.792 ± 0.995 $\chi^2/\text{NDF}: 13383.8/49$

- sign 274.370 ± 1.441 $\chi^2/\text{NDF}: 6834.9/24$

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: 48.105 $\pm$ 1.412 χ^2 /NDF:256.3/7

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

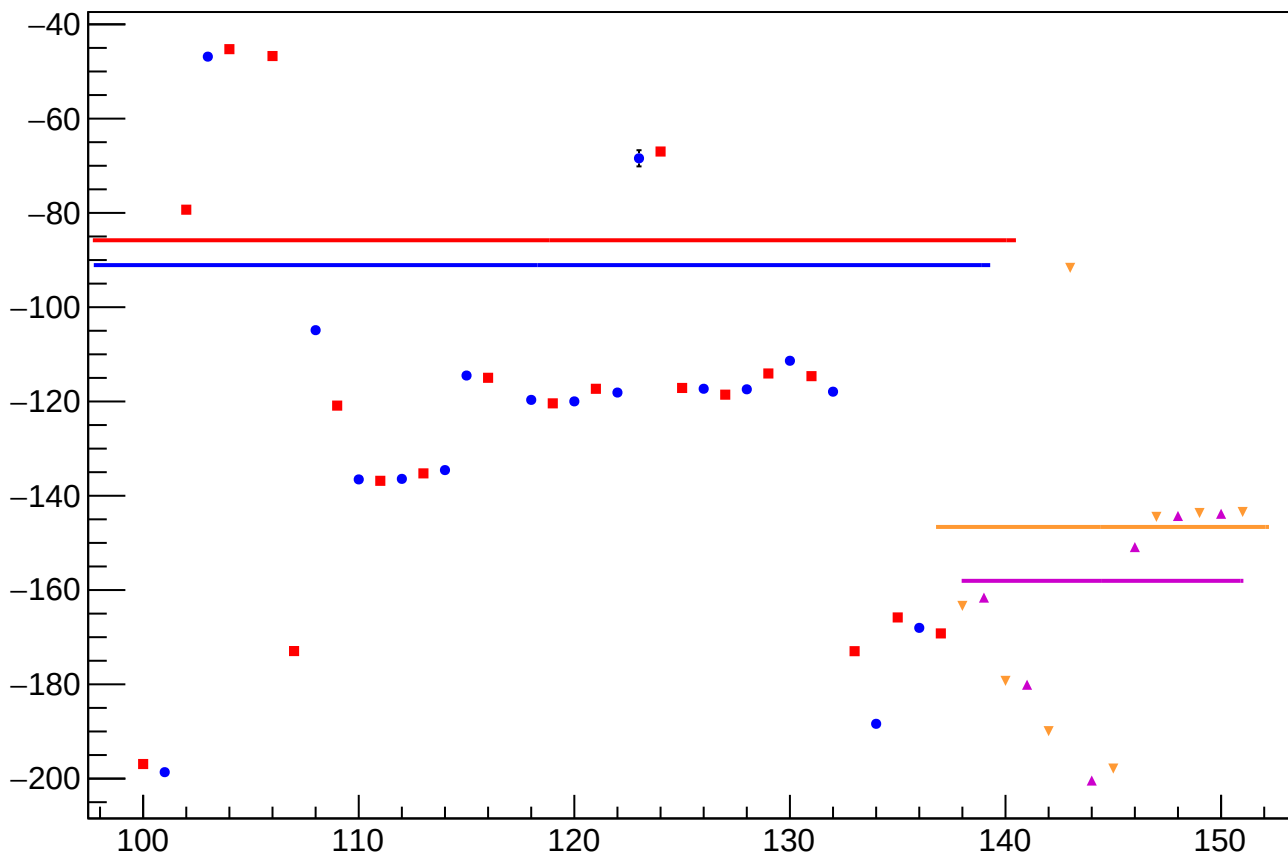
Left In: 47.074 $\pm$ 1.632 χ^2 /NDF:206.7/5

+ sign 51.068 $\pm$ 1.002 χ^2 /NDF: 899.6/24

All: 48.748 $\pm$ 0.723 χ^2 /NDF: 1648.7/49

- sign 46.225 $\pm$ 1.044 χ^2 /NDF: 737.9/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 ± 0.068 $\chi^2/\text{NDF}: 534647.5/16$

Left Out: -146.614 ± 0.075 $\chi^2/\text{NDF}: 186479.3/7$

Right Out: -85.803 ± 0.065 $\chi^2/\text{NDF}: 495895.1/18$

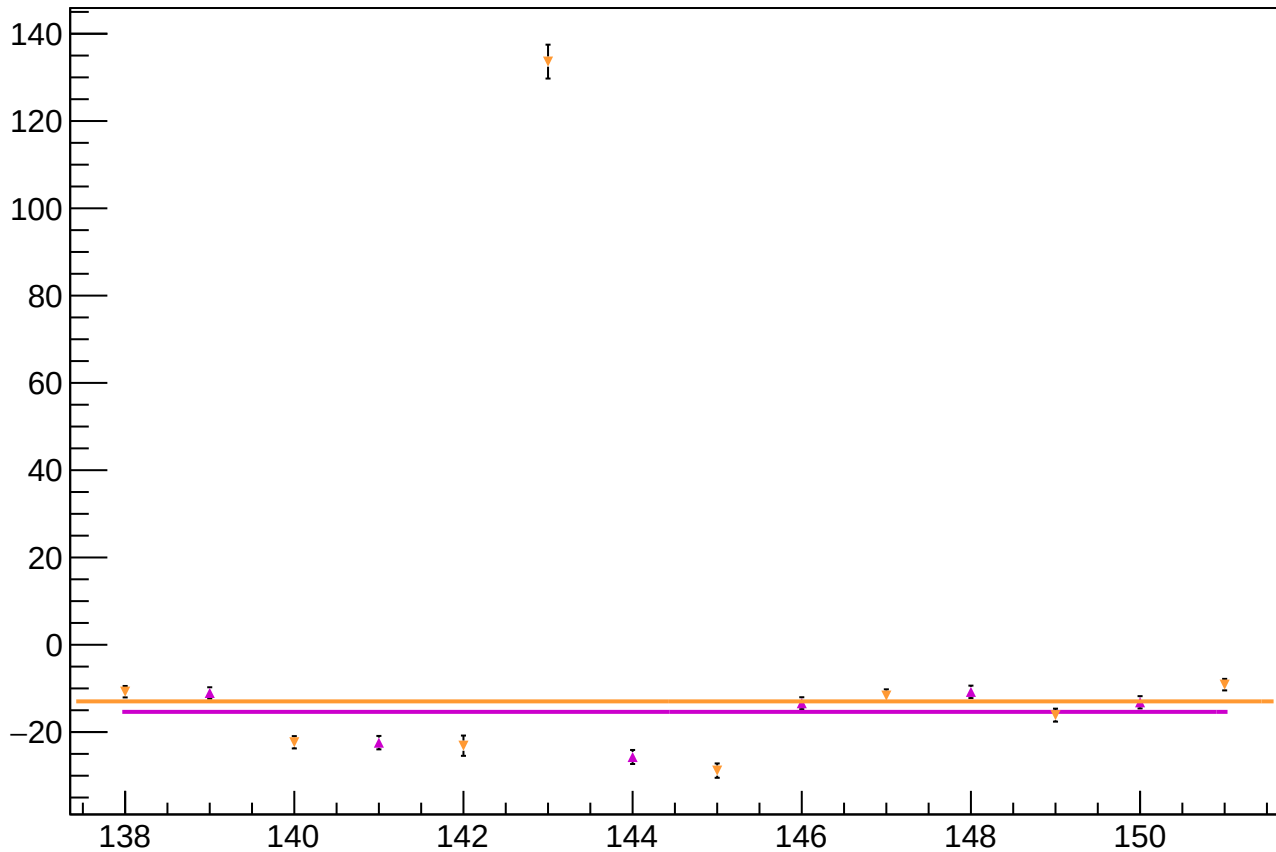
Left In: -158.047 ± 0.084 $\chi^2/\text{NDF}: 47682.3/5$

+ sign -115.885 ± 0.050 $\chi^2/\text{NDF}: 1023310.5/24$

All: -114.481 ± 0.036 $\chi^2/\text{NDF}: 2033168.1/49$

- sign -113.013 ± 0.051 $\chi^2/\text{NDF}: 1008259.2/24$

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: -12.969+/-0.558 χ^2/NDF :1598.9/7

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

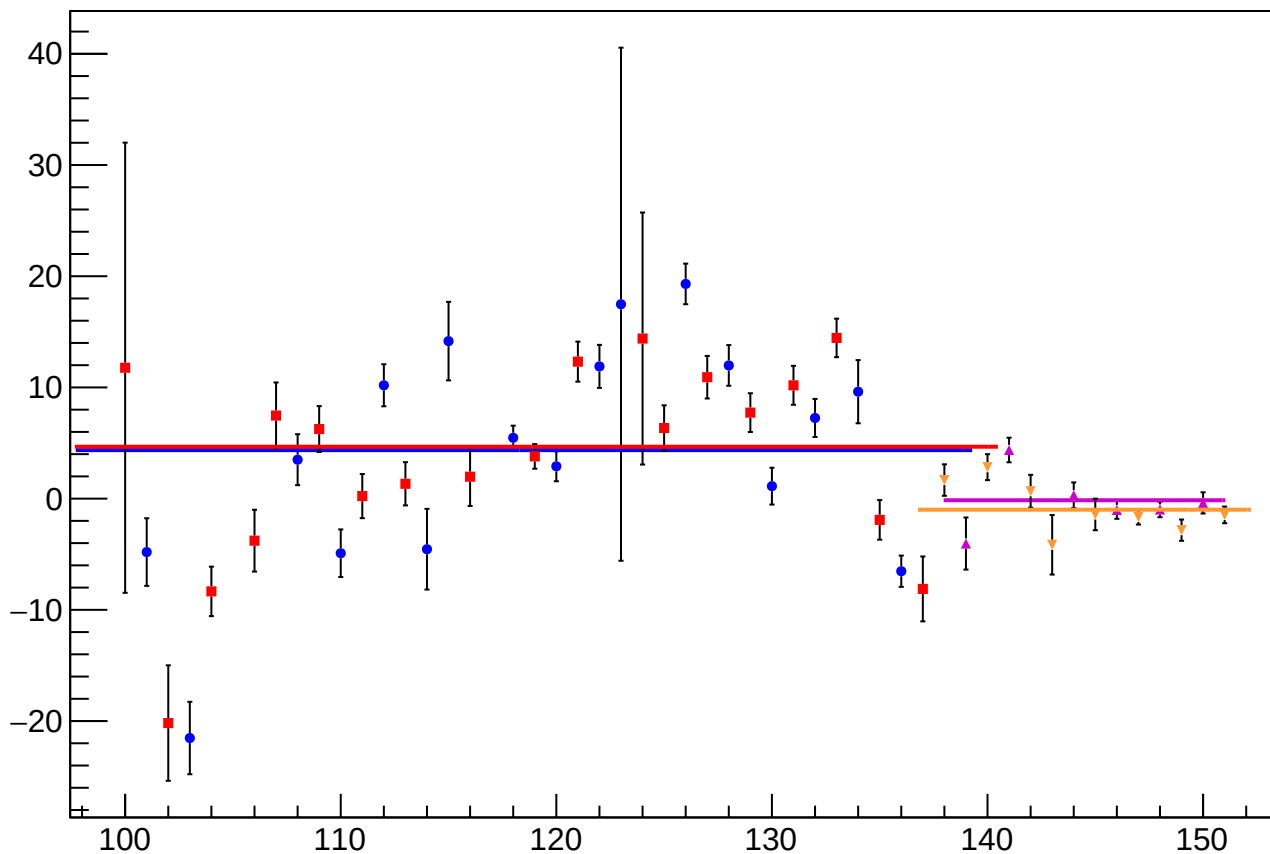
Left In: -15.371+/-0.584 χ^2/NDF :88.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.115+/-0.403 χ^2/NDF : 1696.1/13

- 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: -0.995 ± 0.369 χ^2/NDF : 22.1/7

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

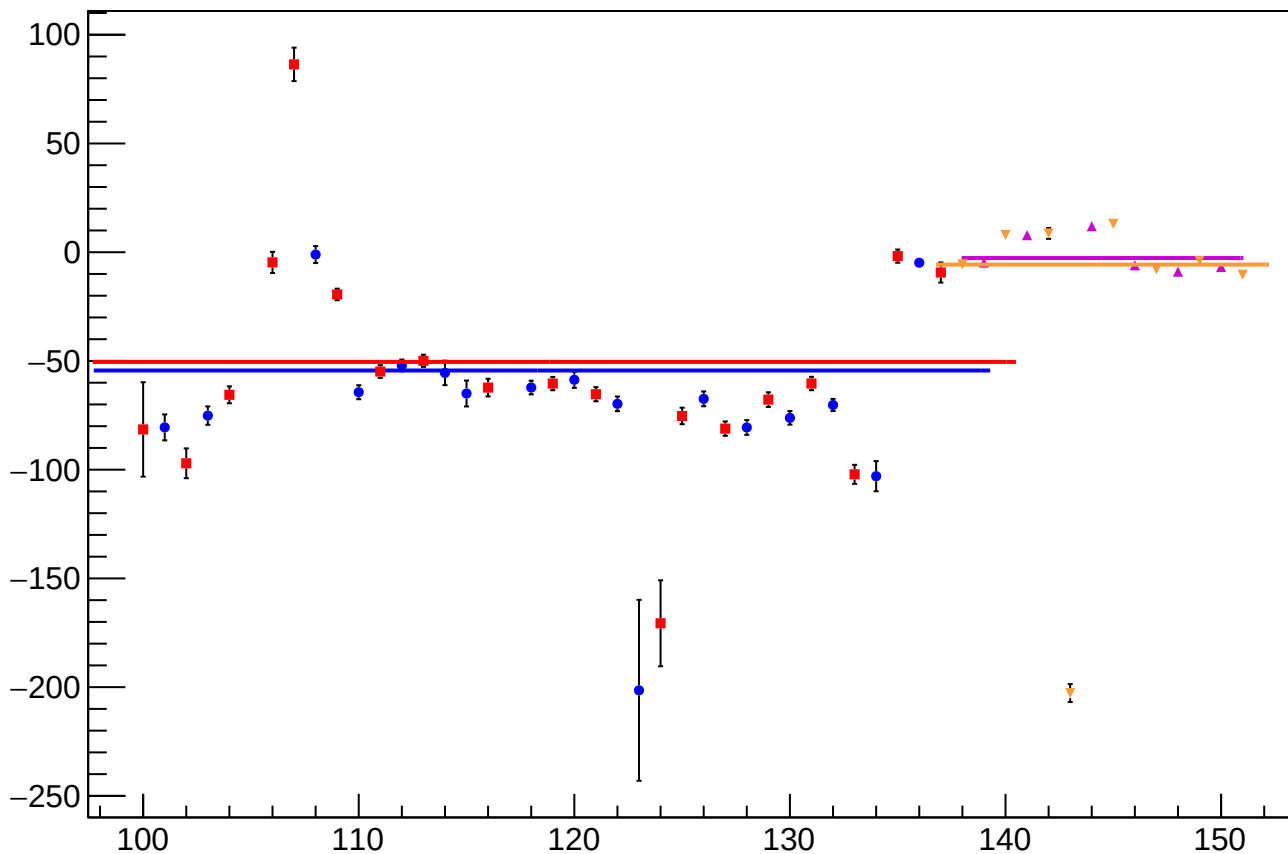
Left In: -0.145 ± 0.393 χ^2/NDF : 22.3/5

+ sign 1.076 ± 0.289 χ^2/NDF : 390.2/24

All: 1.427 ± 0.209 χ^2/NDF : 662.2/49

- sign 1.813 ± 0.302 χ^2/NDF : 268.9/24

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: -5.680 ± 0.560 χ^2/NDF : 2513.8/7

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

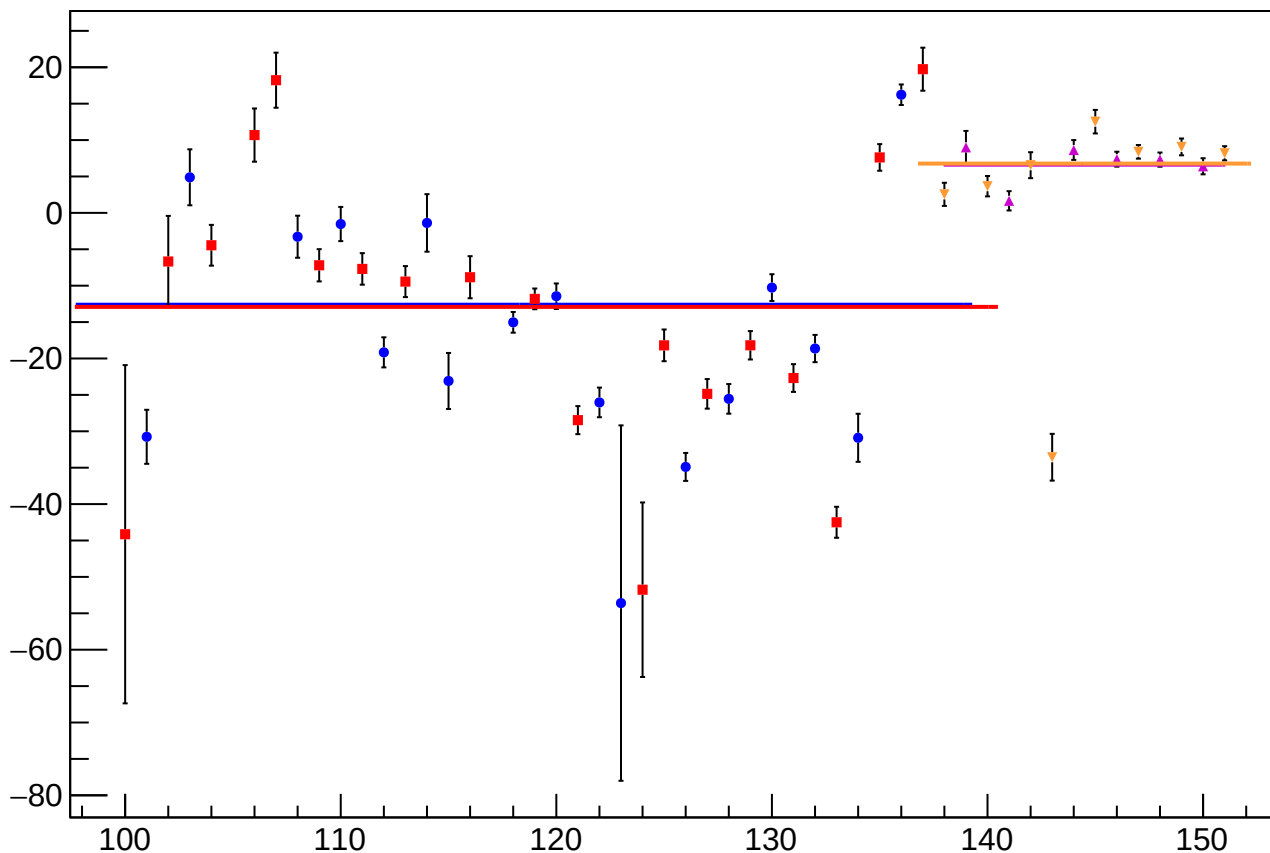
Left In: -2.674 ± 0.584 χ^2/NDF : 154.2/5

+ sign -20.110 ± 0.469 χ^2/NDF : 5772.0/24

All: -18.989 ± 0.336 χ^2/NDF : 9383.2/49

- sign -17.805 ± 0.483 χ^2/NDF : 3599.5/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 $\pm$ 0.530 χ^2 /NDF: 788.2/16

Left Out: 6.772 $\pm$ 0.464 χ^2 /NDF:191.4/7

Right Out: -12.912 $\pm$ 0.538 χ^2 /NDF: 730.2/18

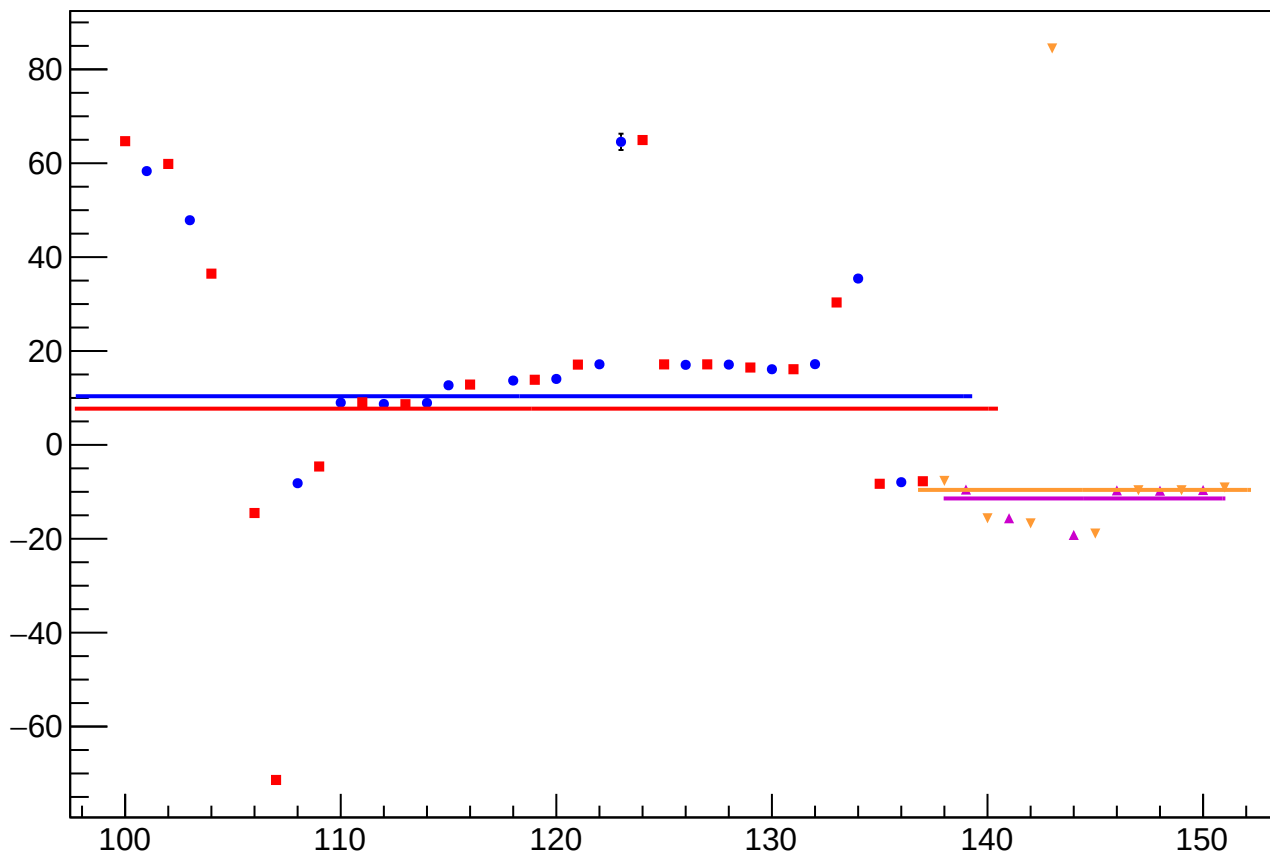
Left In: 6.620 $\pm$ 0.492 χ^2 /NDF:18.5/5

+ sign -1.644 $\pm$ 0.349 χ^2 /NDF: 1736.4/24

All: -1.944 $\pm$ 0.252 χ^2 /NDF: 3204.4/49

- sign -2.268 $\pm$ 0.363 χ^2 /NDF: 1466.5/24

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: -9.589 ± 0.024 χ^2/NDF : 354426.8/7

Right Out: 7.719 ± 0.031 χ^2/NDF : 545085.7/18

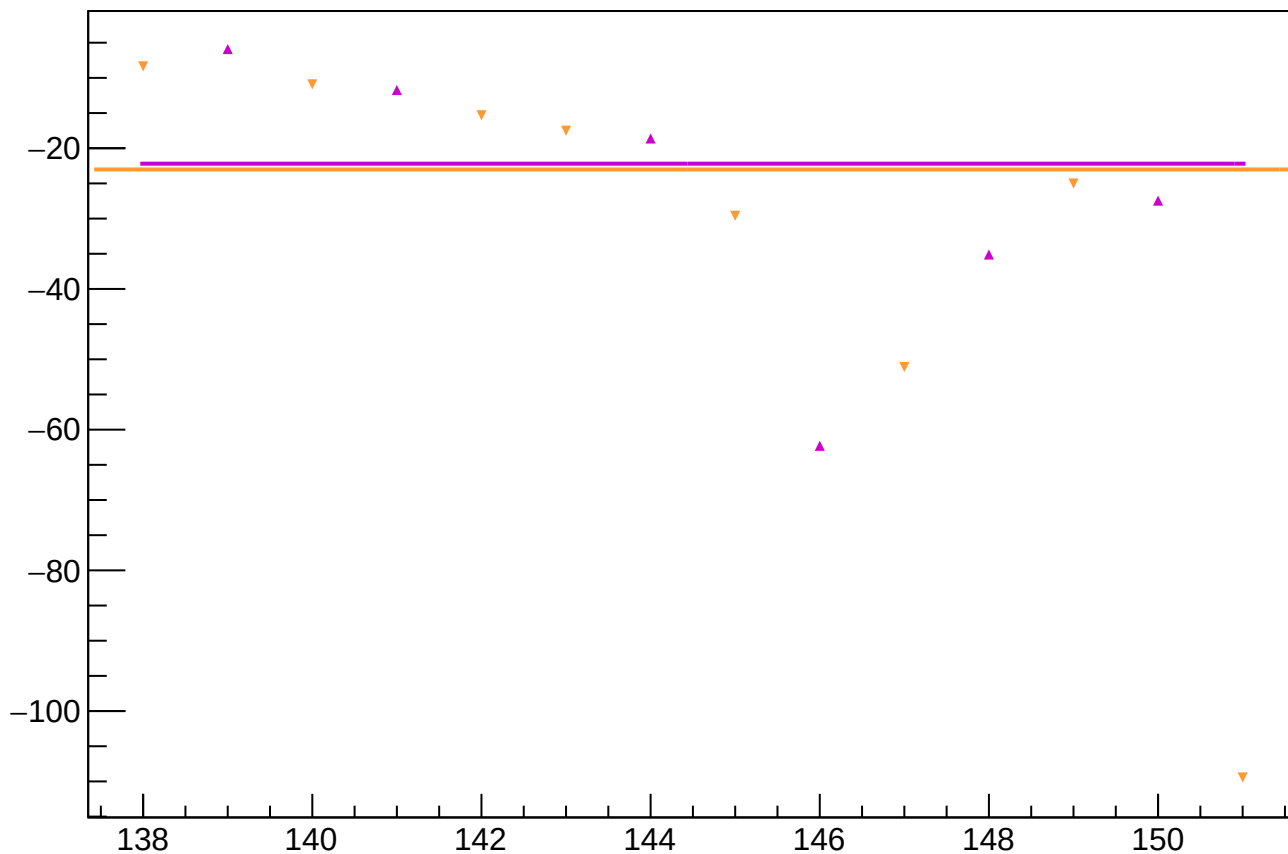
Left In: -11.413 ± 0.024 χ^2/NDF : 18950.0/5

+ sign -2.090 ± 0.019 χ^2/NDF : 1001987.9/24

All: -3.166 ± 0.013 χ^2/NDF : 1807851.7/49

- sign -4.284 ± 0.019 χ^2/NDF : 799126.8/24

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.020+/-0.101 χ^2/NDF : 48904.9/7

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

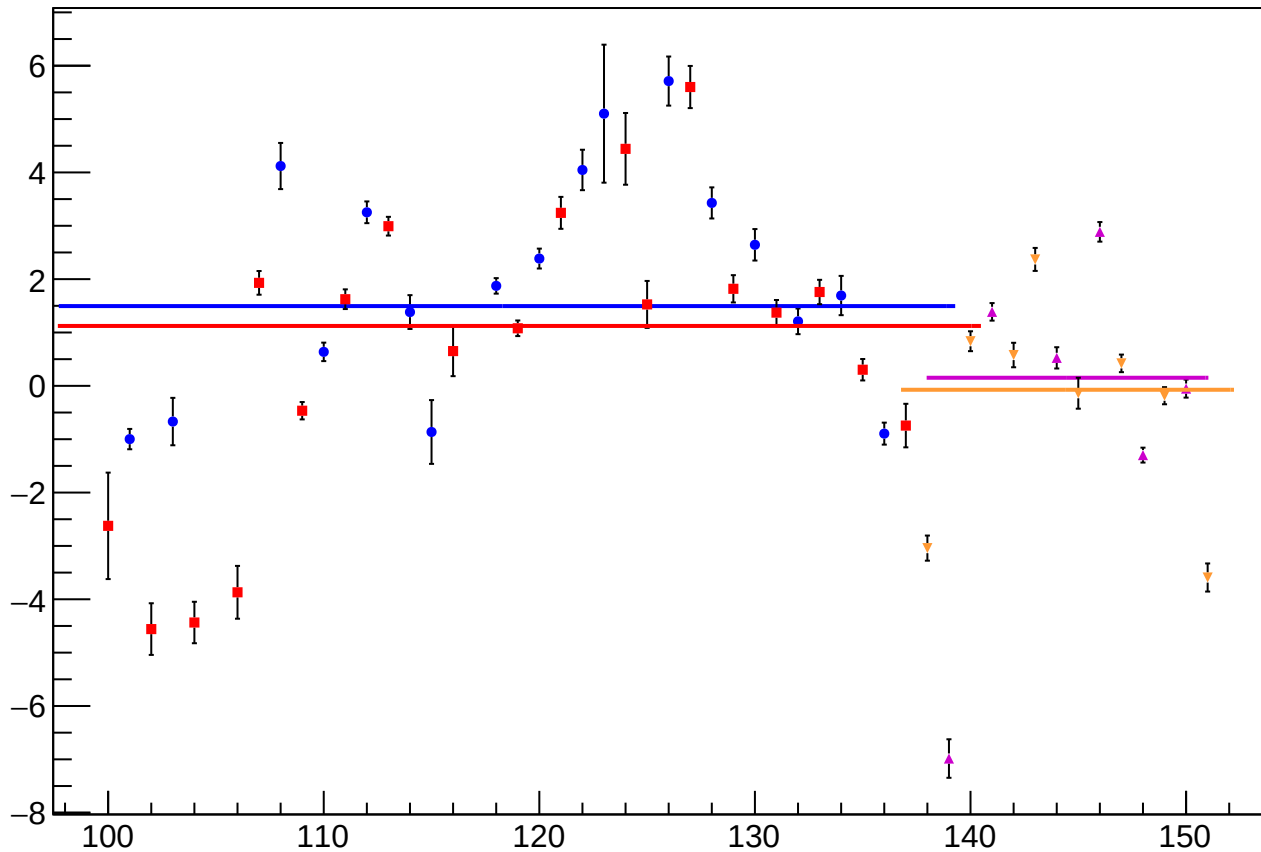
Left In: -22.196+/-0.102 χ^2/NDF : 27801.2/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.615+/-0.072 χ^2/NDF : 76739.3/13

- 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: -0.073 ± 0.073 χ^2/NDF : 507.4/7

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

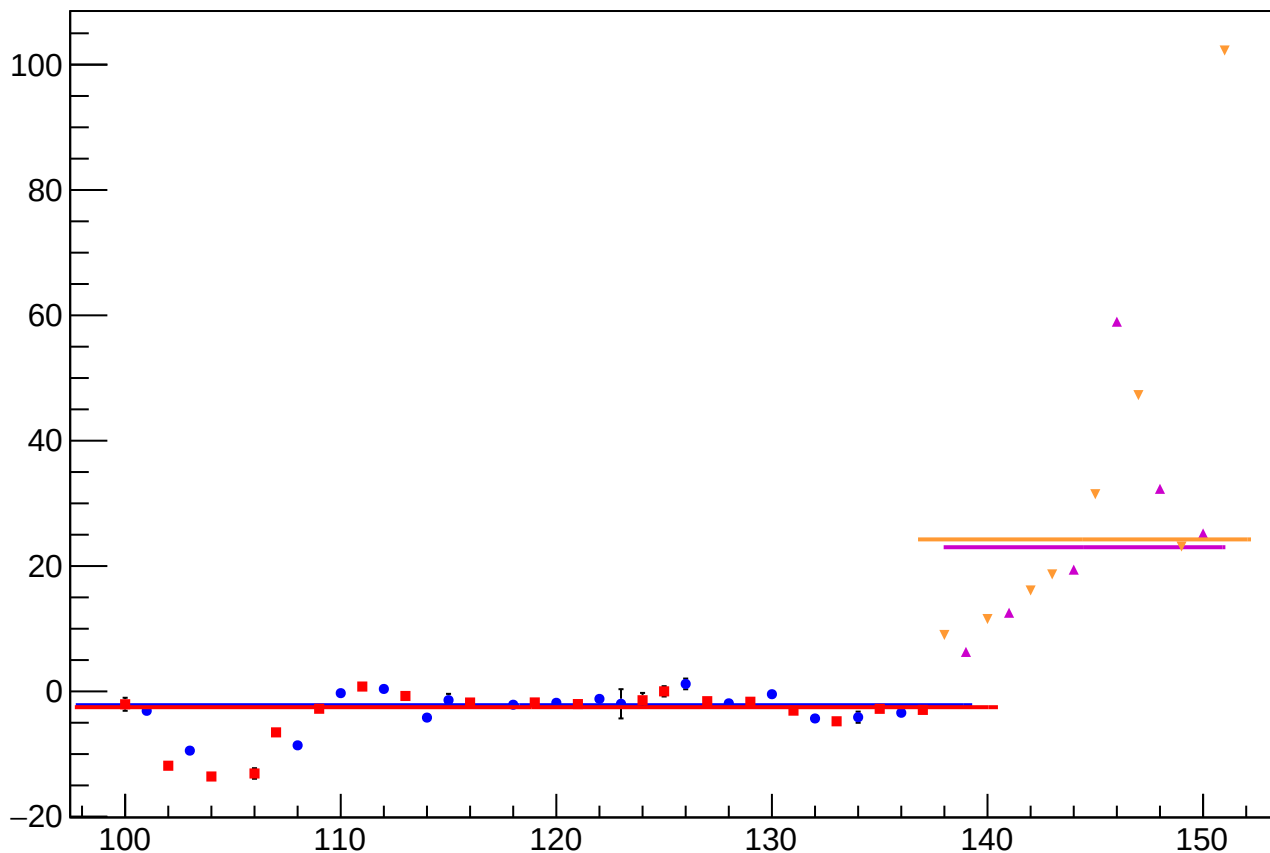
Left In: 0.152 ± 0.073 χ^2/NDF : 781.7/5

+ sign 0.846 ± 0.047 χ^2/NDF : 1489.2/24

All: 0.796 ± 0.033 χ^2/NDF : 3327.0/49

- sign 0.748 ± 0.046 χ^2/NDF : 1835.6/24

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 24.251 ± 0.103 χ^2/NDF : 43471.6/7

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

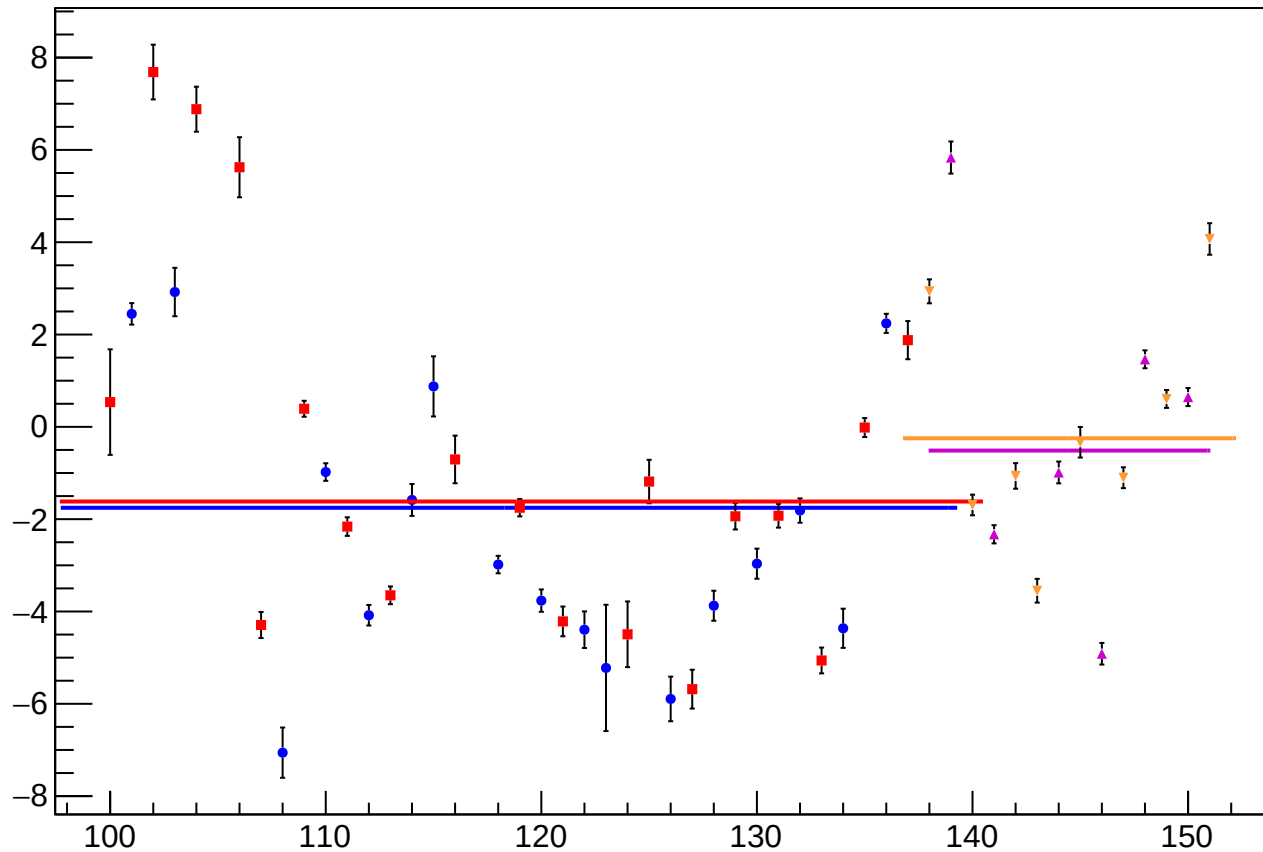
Left In: 23.002 ± 0.103 χ^2/NDF : 23713.9/5

+ sign 11.939 ± 0.075 χ^2/NDF : 74514.6/24

All: 10.744 ± 0.052 χ^2/NDF : 131382.3/49

- sign 9.669 ± 0.072 χ^2/NDF : 56391.1/24

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 $\chi^2/\text{NDF}: 1345.0/16$

Left Out: -0.247 ± 0.089 $\chi^2/\text{NDF}: 558.7/7$

Right Out: -1.617 ± 0.066 $\chi^2/\text{NDF}: 1487.5/18$

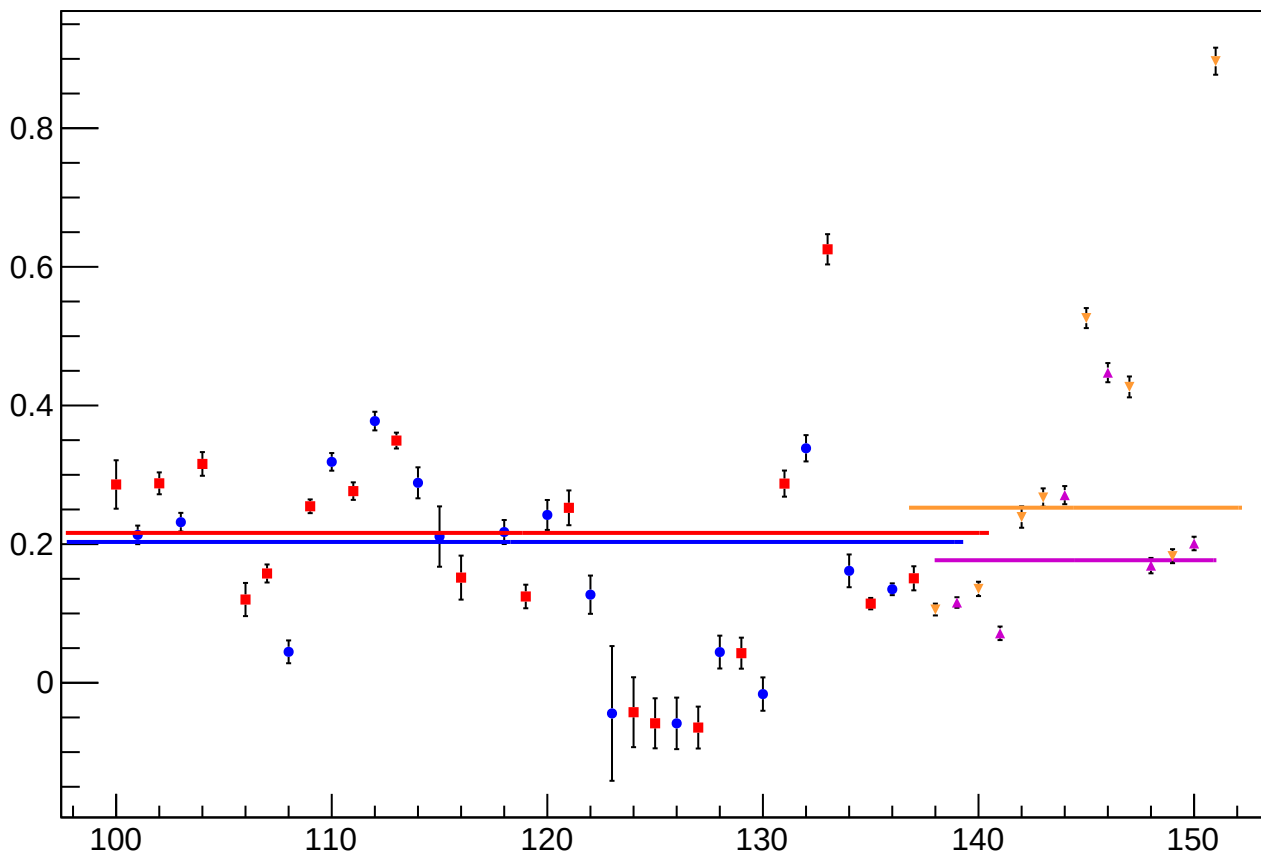
Left In: -0.514 ± 0.090 $\chi^2/\text{NDF}: 913.7/5$

+ sign -1.173 ± 0.055 $\chi^2/\text{NDF}: 2080.7/24$

All: -1.205 ± 0.038 $\chi^2/\text{NDF}: 4580.4/49$

- sign -1.235 ± 0.053 $\chi^2/\text{NDF}: 2499.0/24$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.253 ± 0.004 χ^2/NDF : 2054.9/7

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

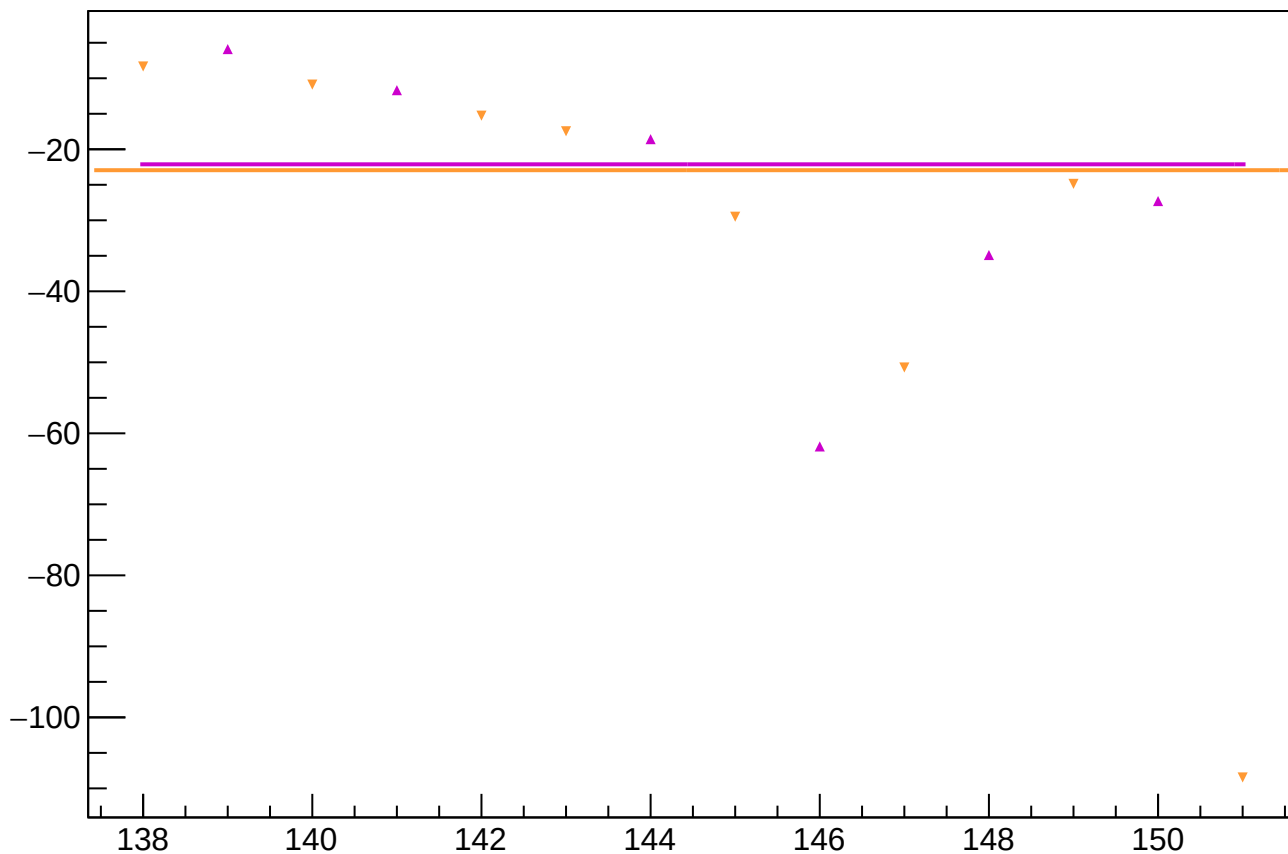
Left In: 0.177 ± 0.004 χ^2/NDF : 621.2/5

+ sign 0.227 ± 0.003 χ^2/NDF : 2801.2/24

All: 0.212 ± 0.002 χ^2/NDF : 4587.5/49

- sign 0.199 ± 0.003 χ^2/NDF : 1738.5/24

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.946+/-0.100 χ^2/NDF : 48788.8/7

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

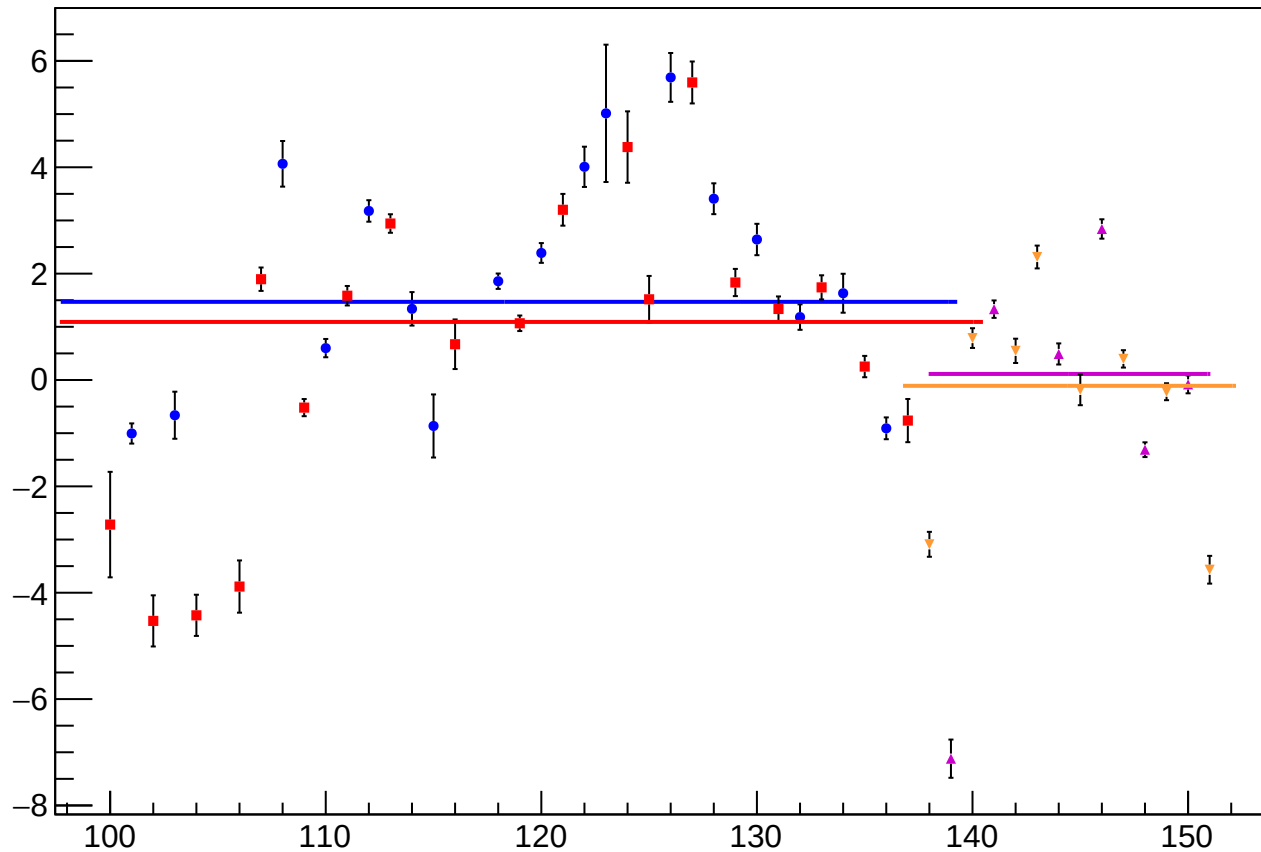
Left In: -22.117+/-0.102 χ^2/NDF : 27732.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.538+/-0.071 χ^2/NDF : 76555.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: -0.109 ± 0.072 $\chi^2/\text{NDF}: 506.6/7$

Right Out: 1.092 ± 0.058 $\chi^2/\text{NDF}: 952.1/18$

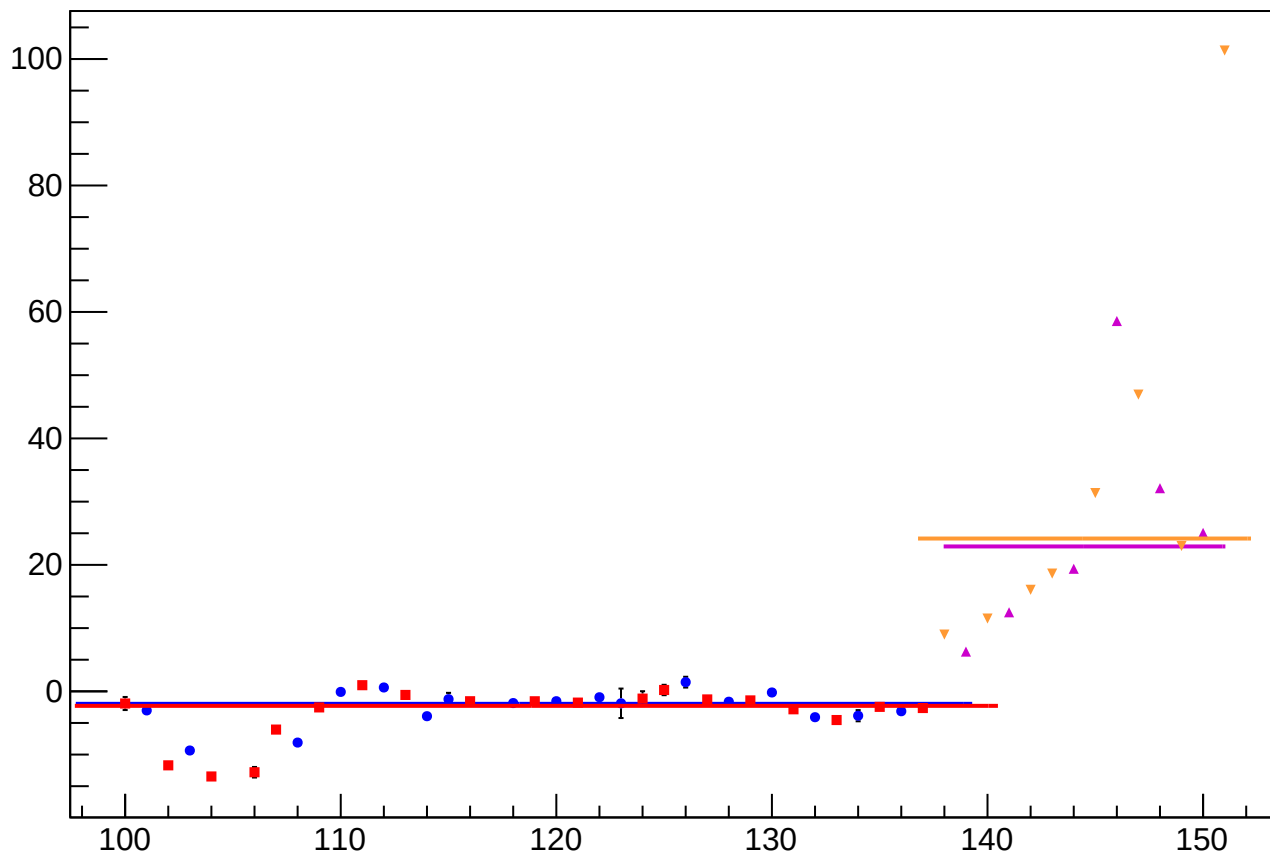
Left In: 0.114 ± 0.073 $\chi^2/\text{NDF}: 794.6/5$

+ sign 0.815 ± 0.047 $\chi^2/\text{NDF}: 1494.3/24$

All: 0.763 ± 0.032 $\chi^2/\text{NDF}: 3353.6/49$

- sign 0.713 ± 0.045 $\chi^2/\text{NDF}: 1856.9/24$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 24.167 ± 0.103 χ^2/NDF : 43355.3/7

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

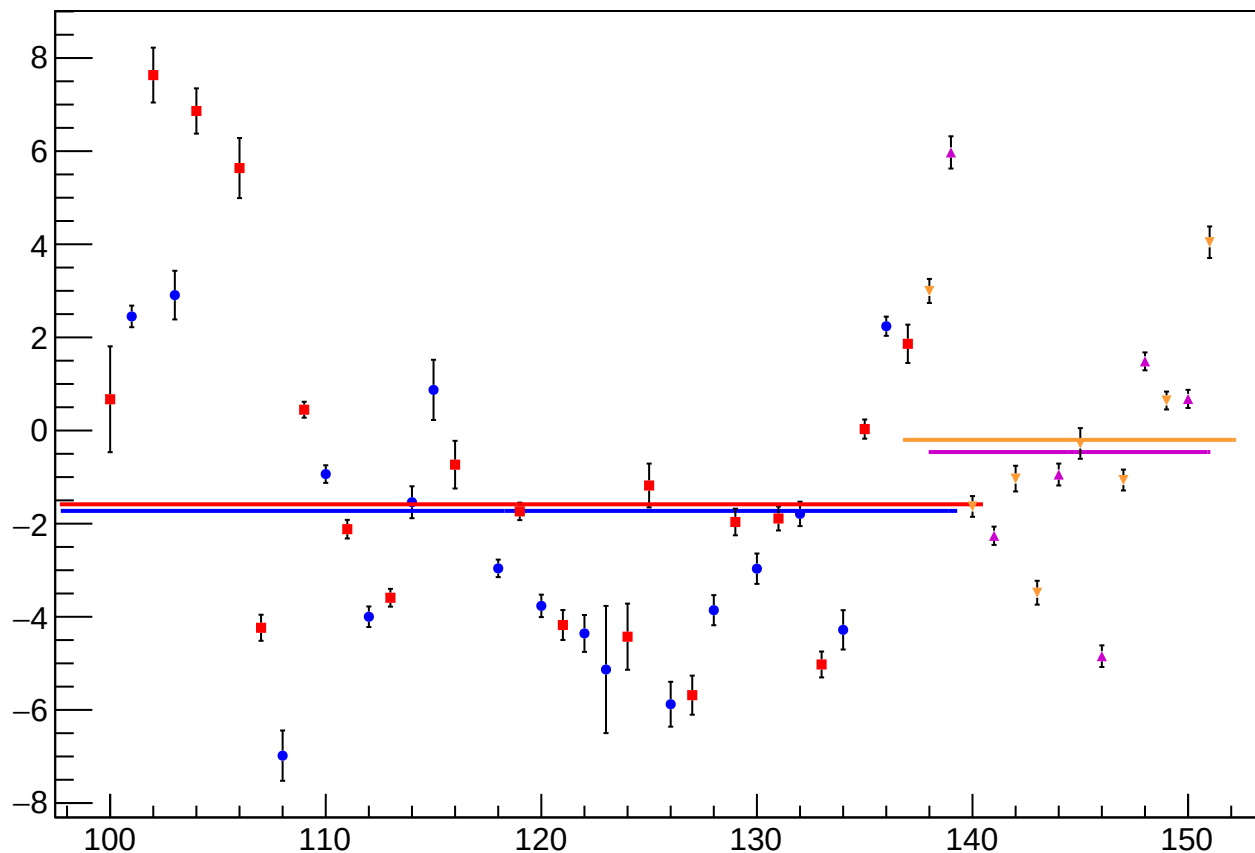
Left In: 22.915 ± 0.103 χ^2/NDF : 23644.3/5

+ sign 12.006 ± 0.075 χ^2/NDF : 74007.4/24

All: 10.818 ± 0.052 χ^2/NDF : 130376.7/49

- sign 9.751 ± 0.071 χ^2/NDF : 55894.0/24

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -0.200 ± 0.088 χ^2/NDF : 558.7/7

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

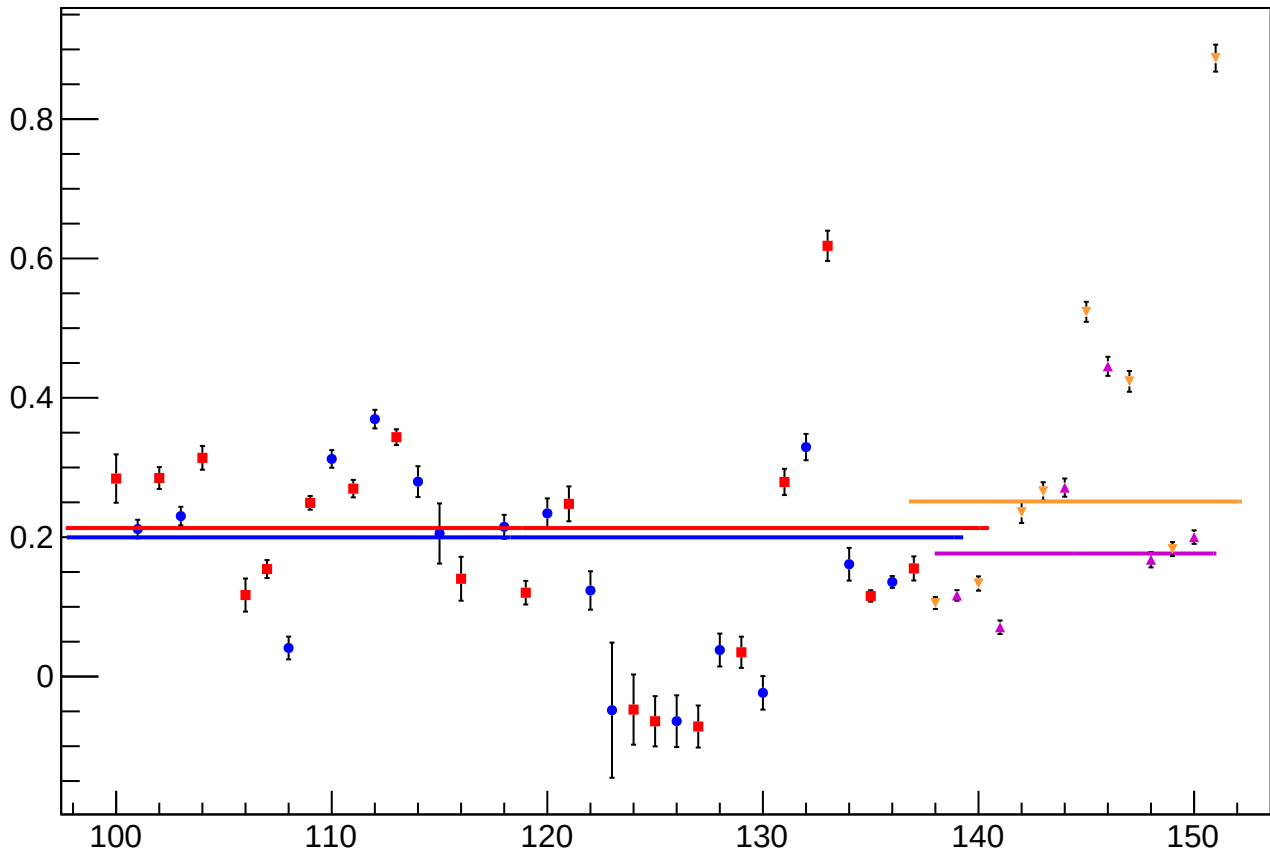
Left In: -0.462 ± 0.090 χ^2/NDF : 925.5/5

+ sign -1.137 ± 0.055 χ^2/NDF : 2083.7/24

All: -1.167 ± 0.038 χ^2/NDF : 4604.9/49

- sign -1.194 ± 0.053 χ^2/NDF : 2520.6/24

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2/NDF : 662.5/16

Left Out: 0.251 $\pm$ 0.004 χ^2/NDF : 2046.3/7

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1050.9/18

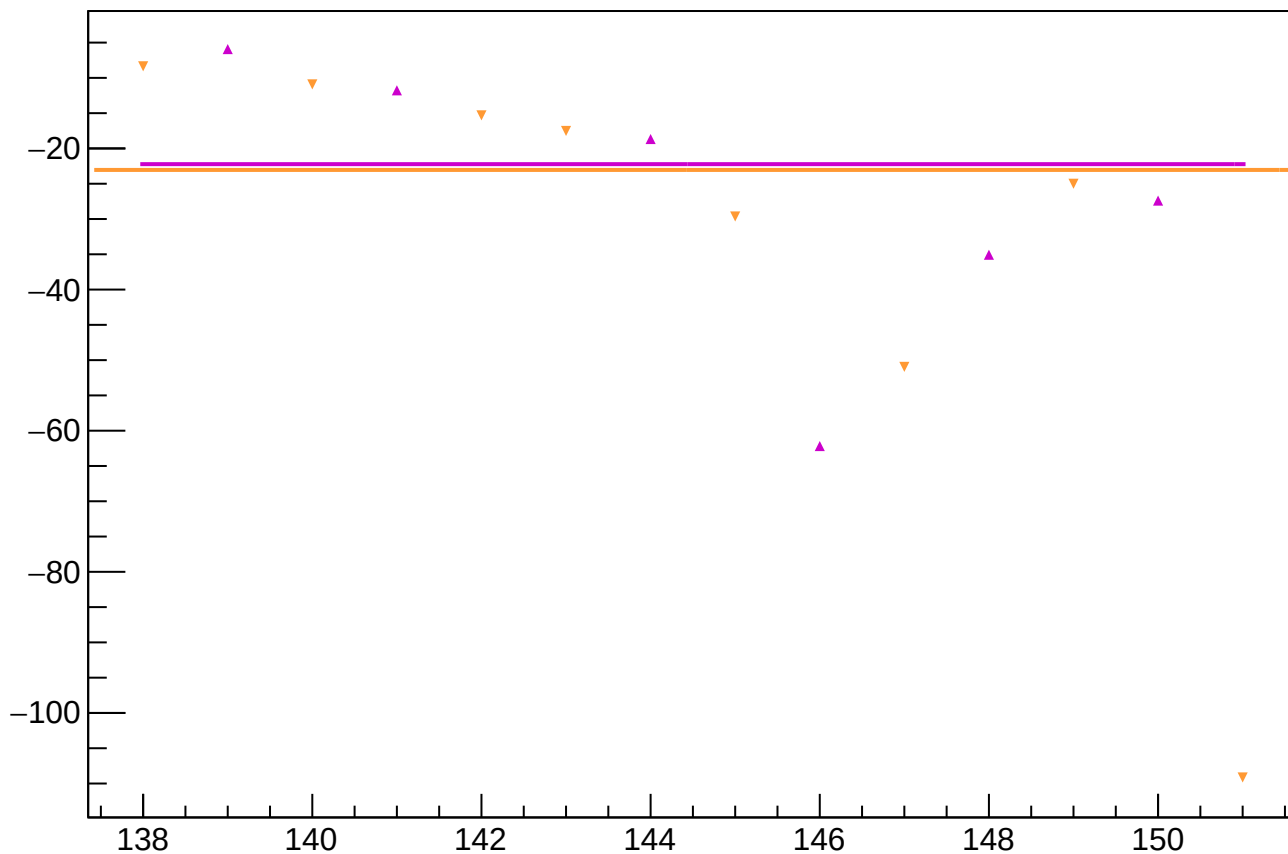
Left In: 0.177 $\pm$ 0.004 χ^2/NDF : 623.2/5

+ sign 0.225 $\pm$ 0.003 χ^2/NDF : 2784.5/24

All: 0.210 $\pm$ 0.002 χ^2/NDF : 4548.6/49

- sign 0.197 $\pm$ 0.003 χ^2/NDF : 1717.5/24

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.045+/-0.100 χ^2/NDF : 48889.5/7

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

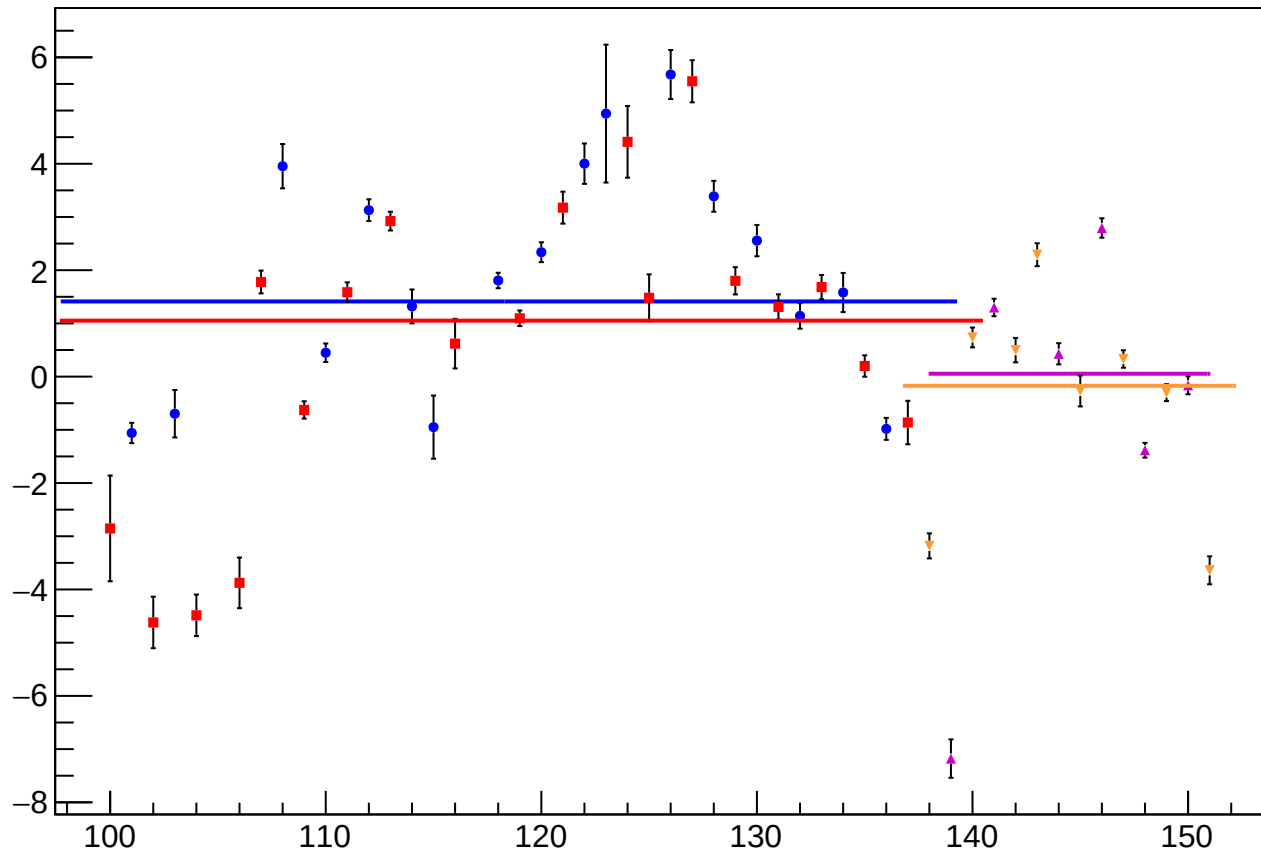
Left In: -22.225+/-0.102 χ^2/NDF : 27757.1/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.642+/-0.072 χ^2/NDF : 76679.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 $\pm$ 0.061 χ^2/NDF : 713.9/16

Left Out: -0.172 $\pm$ 0.073 χ^2/NDF : 511.2/7

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 963.3/18

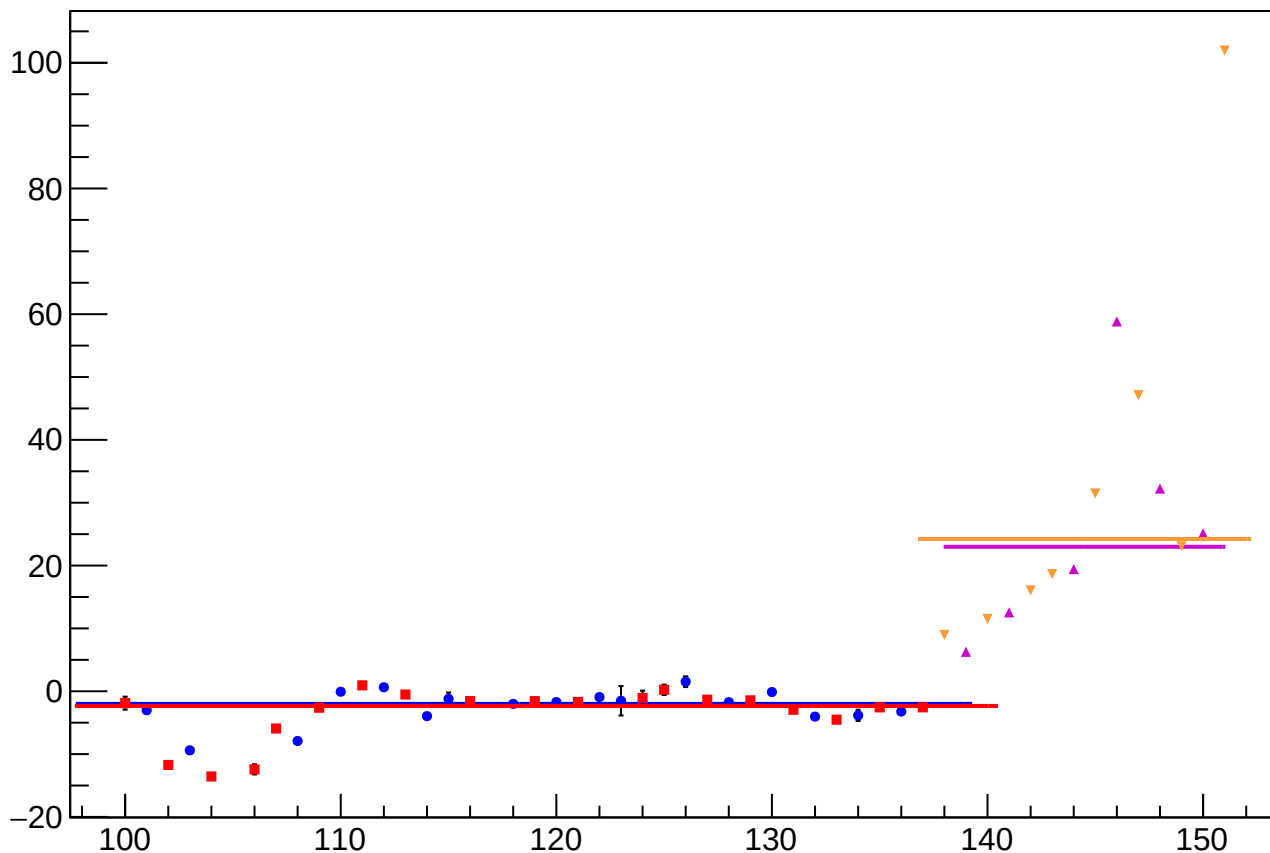
Left In: 0.054 $\pm$ 0.073 χ^2/NDF : 793.9/5

+ sign 0.755 $\pm$ 0.047 χ^2/NDF : 1504.5/24

All: 0.710 $\pm$ 0.033 χ^2/NDF : 3377.4/49

- sign 0.667 $\pm$ 0.046 χ^2/NDF : 1871.1/24

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 24.236 ± 0.103 χ^2/NDF : 43454.9/7

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

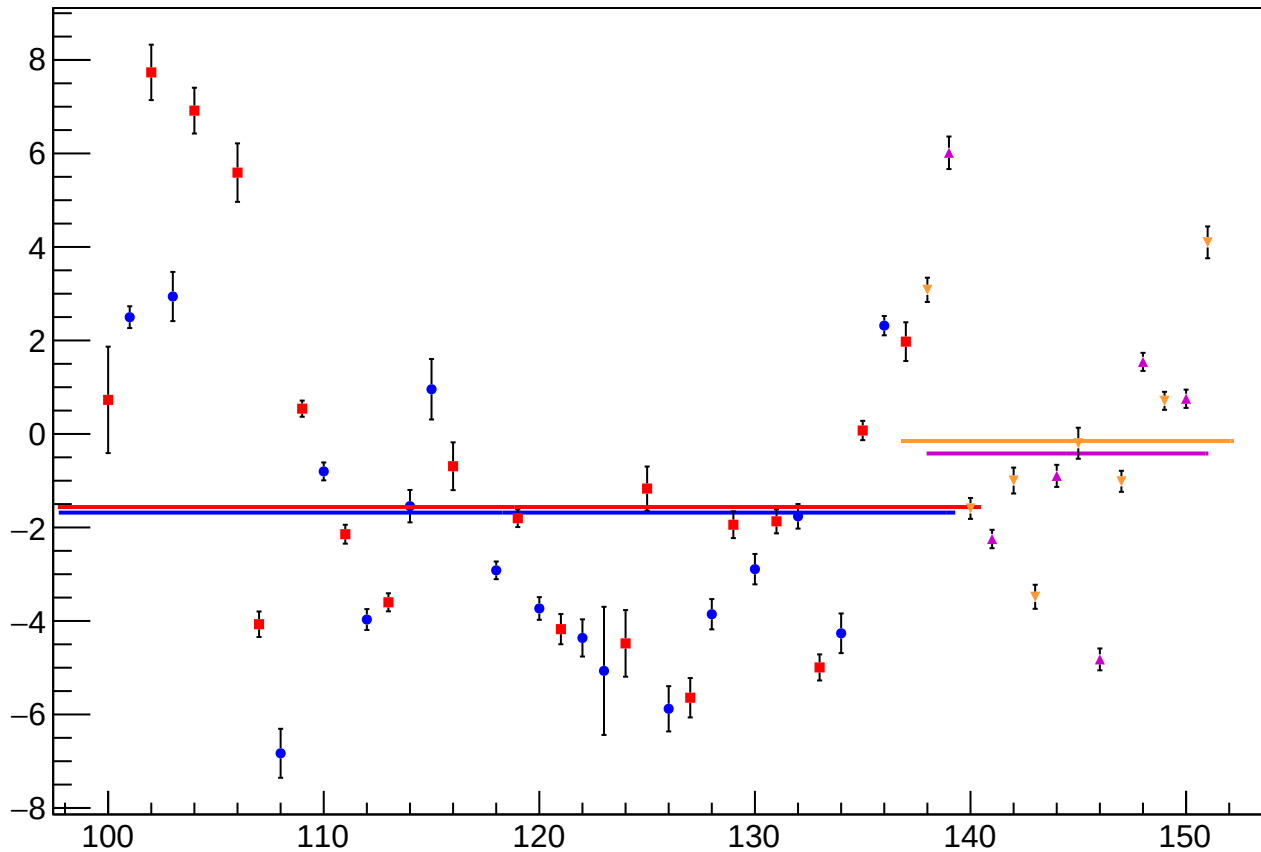
Left In: 22.991 ± 0.103 χ^2/NDF : 23674.7/5

+ sign 12.043 ± 0.075 χ^2/NDF : 74045.0/24

All: 10.847 ± 0.052 χ^2/NDF : 130446.0/49

- sign 9.773 ± 0.071 χ^2/NDF : 55923.7/24

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -0.151 ± 0.089 χ^2/NDF : 564.1/7

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

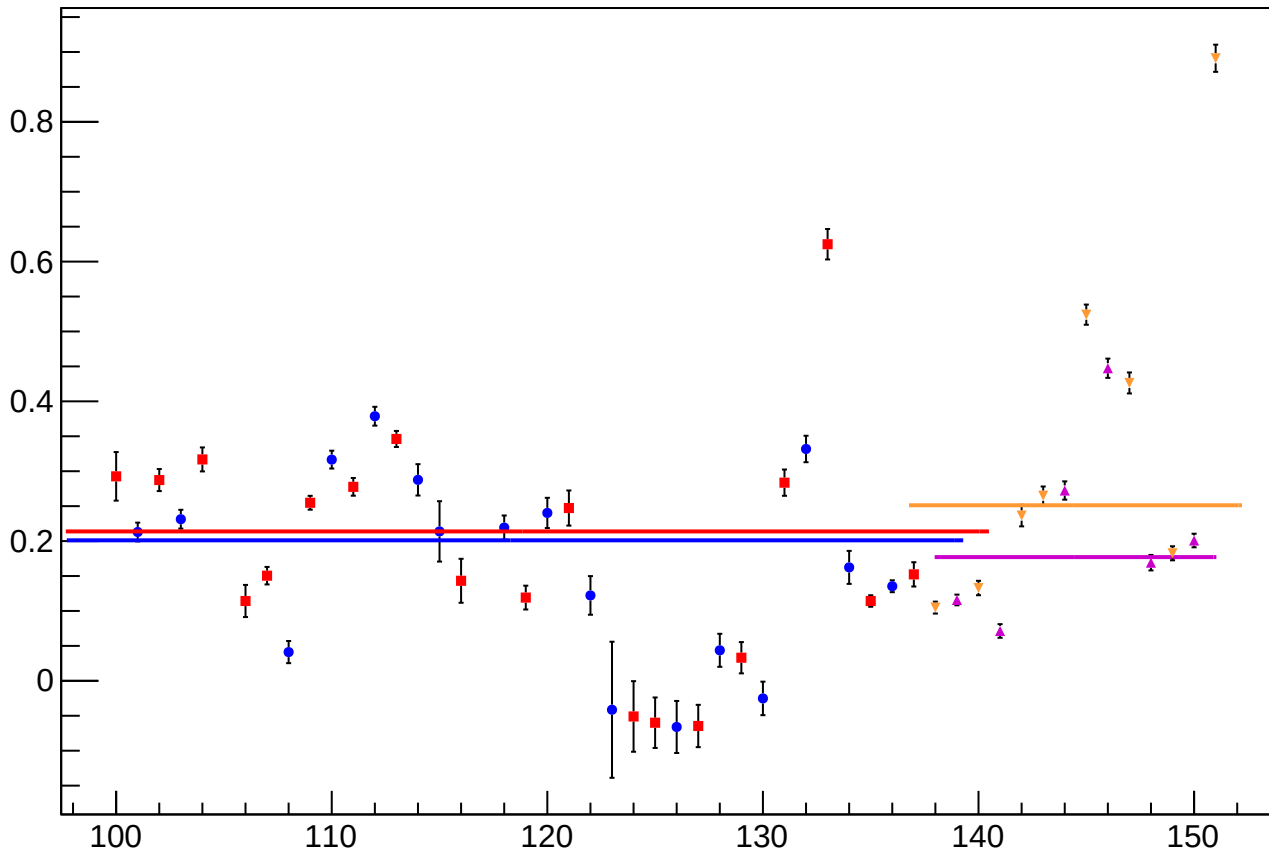
Left In: -0.418 ± 0.090 χ^2/NDF : 925.8/5

+ sign -1.091 ± 0.055 χ^2/NDF : 2095.2/24

All: -1.130 ± 0.038 χ^2/NDF : 4632.4/49

- sign -1.166 ± 0.053 χ^2/NDF : 2536.2/24

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 691.3/16

Left Out: 0.251 $\pm$ 0.004 χ^2 /NDF: 2047.6/7

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1083.1/18

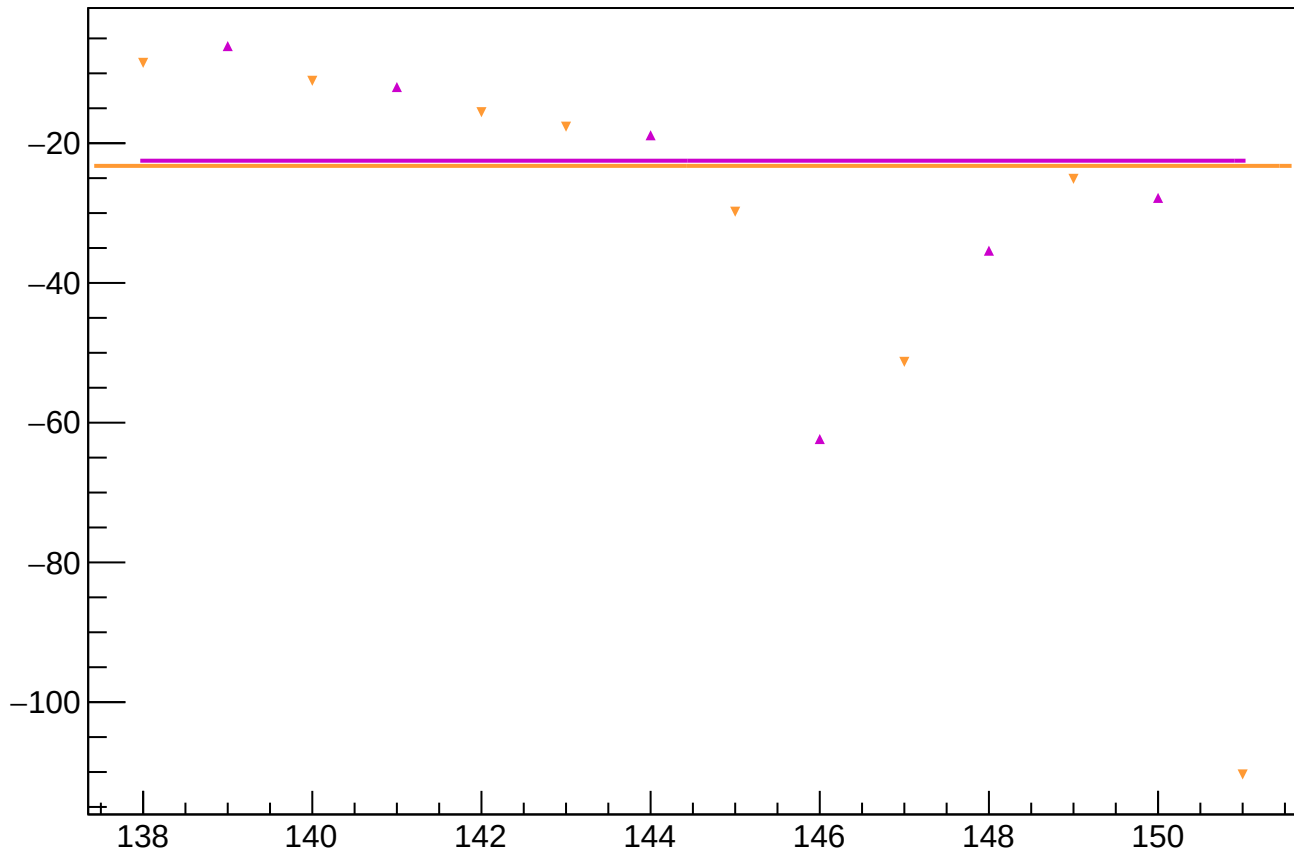
Left In: 0.177 $\pm$ 0.004 χ^2 /NDF: 625.5/5

+ sign 0.225 $\pm$ 0.003 χ^2 /NDF: 2810.2/24

All: 0.211 $\pm$ 0.002 χ^2 /NDF: 4608.6/49

- sign 0.198 $\pm$ 0.003 χ^2 /NDF: 1752.2/24

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.244+/-0.101 χ^2/NDF : 48772.0/7

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

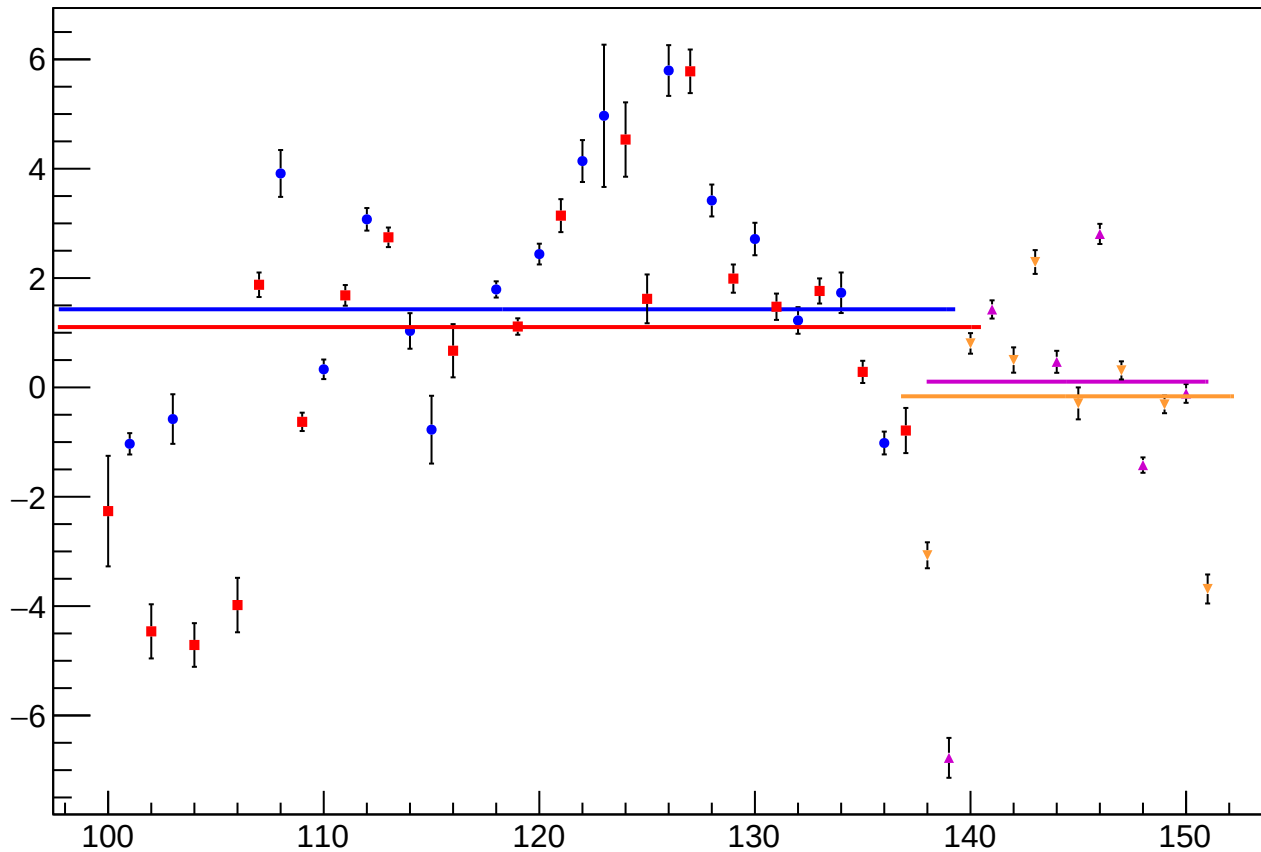
Left In: -22.504+/-0.103 χ^2/NDF : 27383.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.881+/-0.072 χ^2/NDF : 76181.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 $\pm$ 0.062 χ^2/NDF : 711.4/16

Left Out: -0.163 $\pm$ 0.073 χ^2/NDF : 497.8/7

Right Out: 1.104 $\pm$ 0.059 χ^2/NDF : 936.5/18

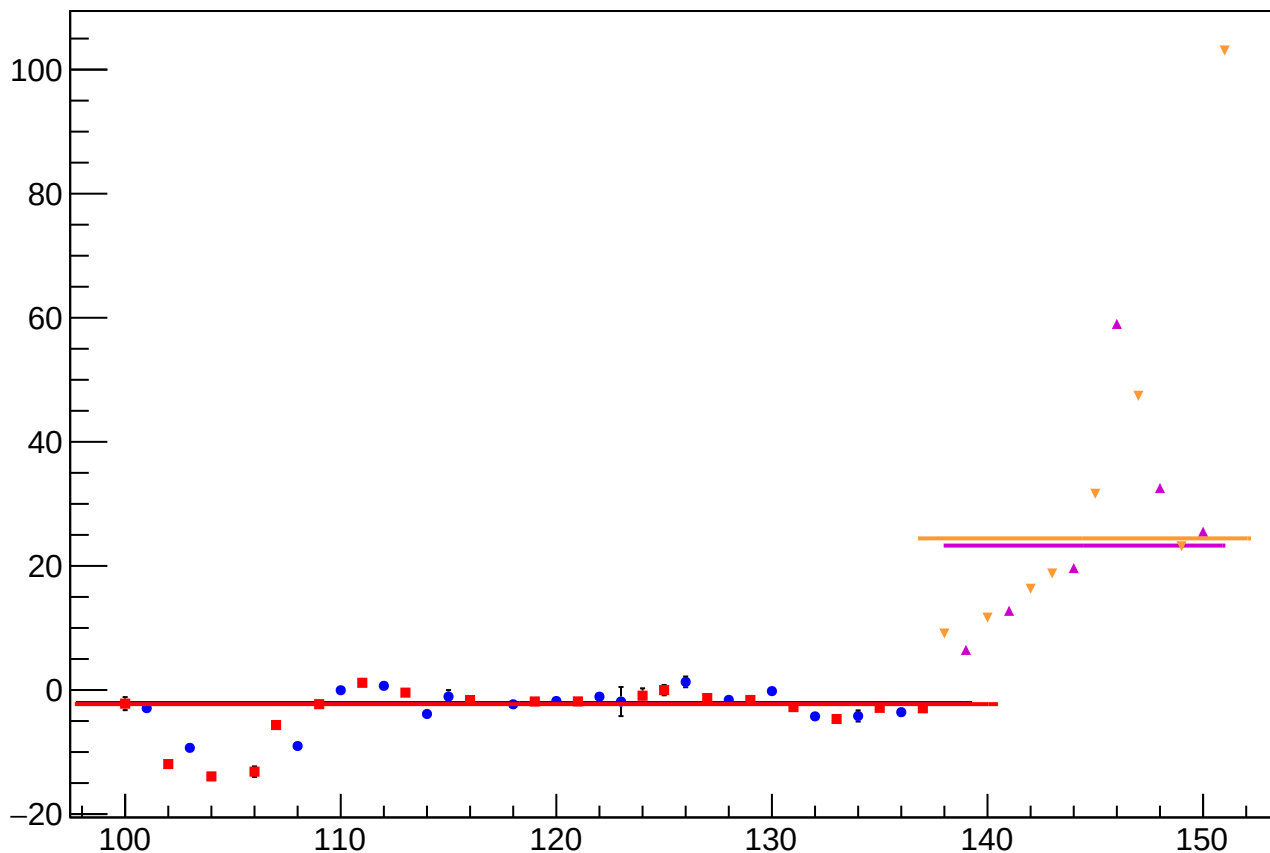
Left In: 0.105 $\pm$ 0.074 χ^2/NDF : 755.9/5

+ sign 0.762 $\pm$ 0.047 χ^2/NDF : 1483.8/24

All: 0.737 $\pm$ 0.033 χ^2/NDF : 3287.5/49

- sign 0.713 $\pm$ 0.046 χ^2/NDF : 1803.2/24

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 24.439 ± 0.104 χ^2/NDF : 43363.8/7

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

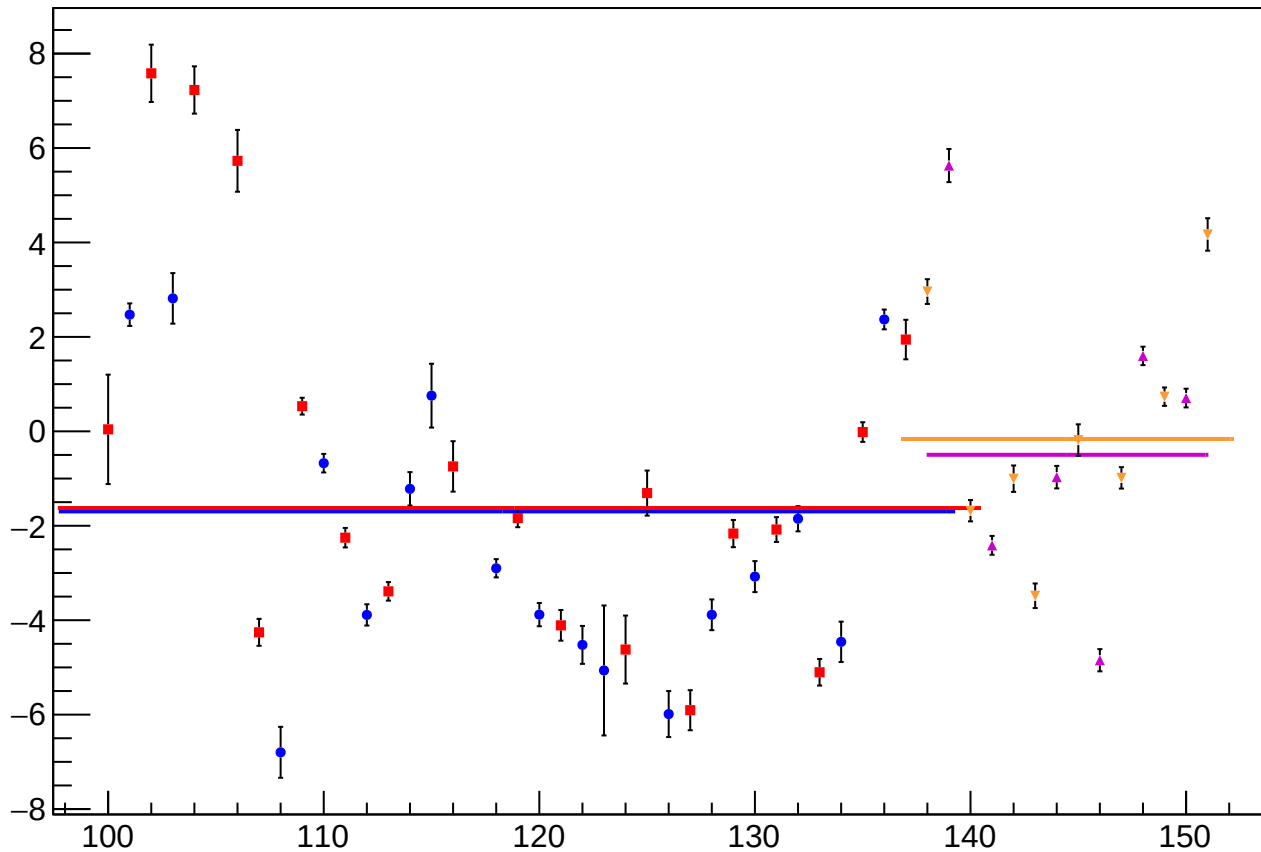
Left In: 23.280 ± 0.104 χ^2/NDF : 23320.6/5

+ sign 12.222 ± 0.076 χ^2/NDF : 73815.1/24

All: 11.091 ± 0.053 χ^2/NDF : 129400.6/49

- sign 10.069 ± 0.073 χ^2/NDF : 55168.3/24

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696±/0.072 χ^2/NDF : 1333.3/16

Left Out: -0.163±/0.089 χ^2/NDF : 552.3/7

Right Out: -1.624±/0.067 χ^2/NDF : 1467.3/18

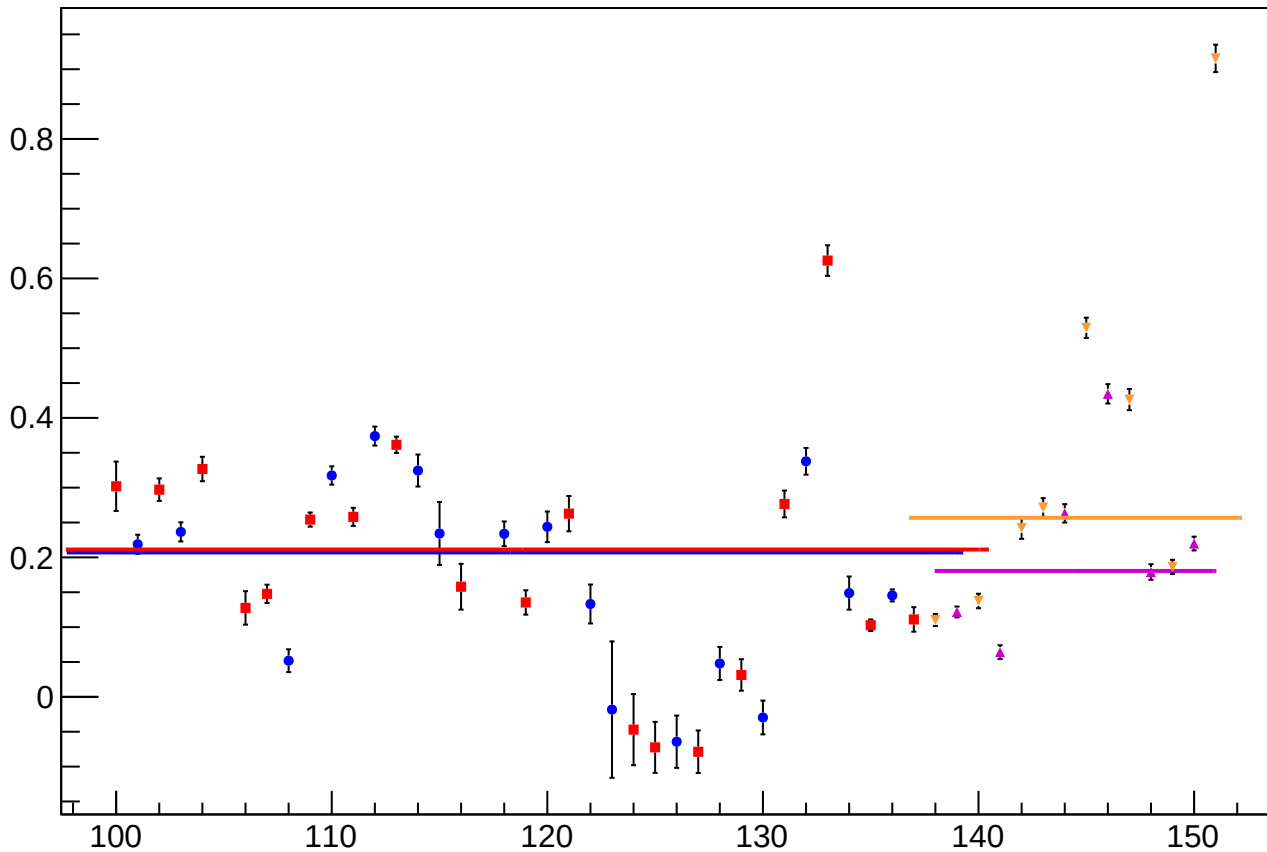
Left In: -0.497±/0.091 χ^2/NDF : 893.8/5

+ sign -1.098±/0.056 χ^2/NDF : 2064.7/24

All: -1.166±/0.039 χ^2/NDF : 4528.2/49

- sign -1.229±/0.054 χ^2/NDF : 2460.6/24

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 656.3/16

Left Out: 0.257 $\pm$ 0.004 χ^2 /NDF:2067.9/7

Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1145.7/18

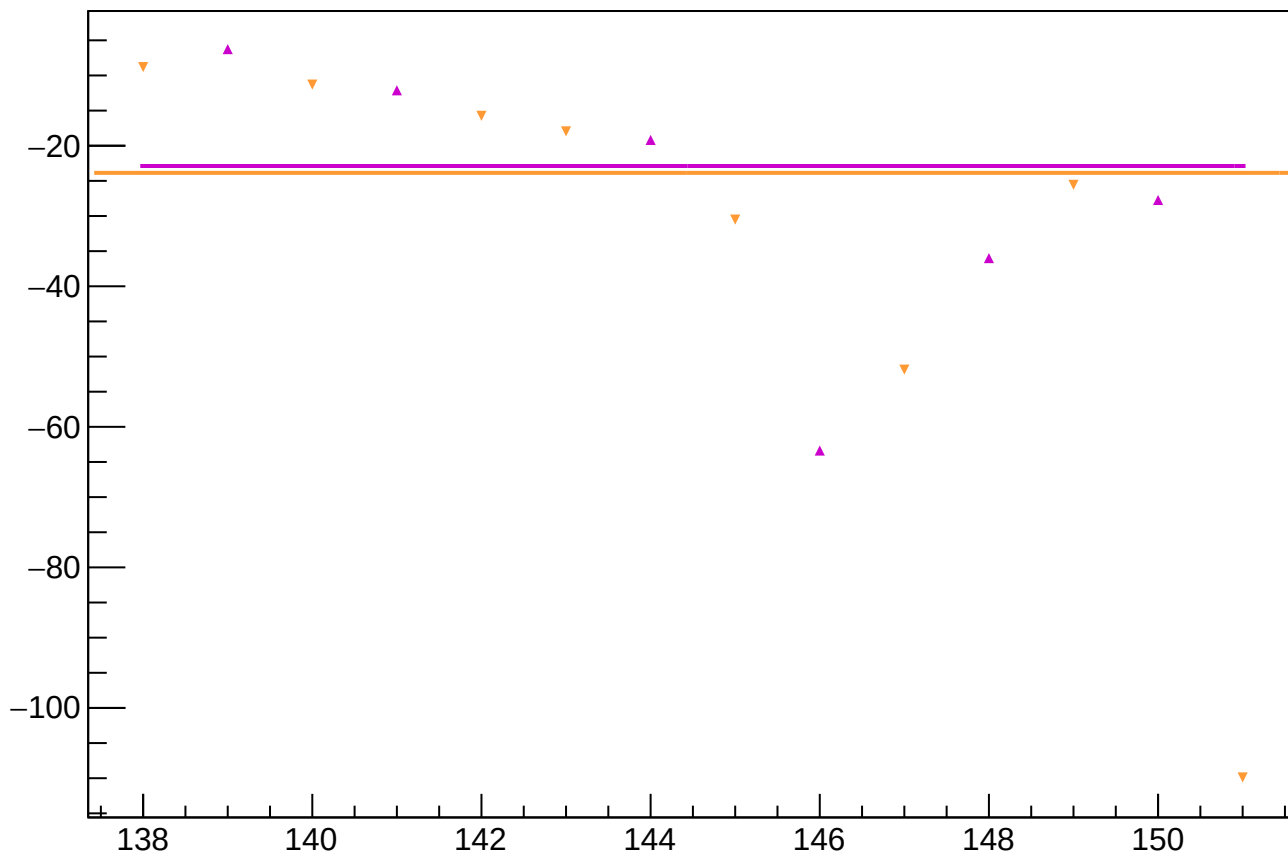
Left In: 0.181 $\pm$ 0.004 χ^2 /NDF:586.4/5

+ sign 0.231 $\pm$ 0.003 χ^2 /NDF: 2792.3/24

All: 0.213 $\pm$ 0.002 χ^2 /NDF: 4620.6/49

- sign 0.198 $\pm$ 0.003 χ^2 /NDF: 1761.6/24

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.859+/-0.103 χ^2/NDF : 48084.9/7

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

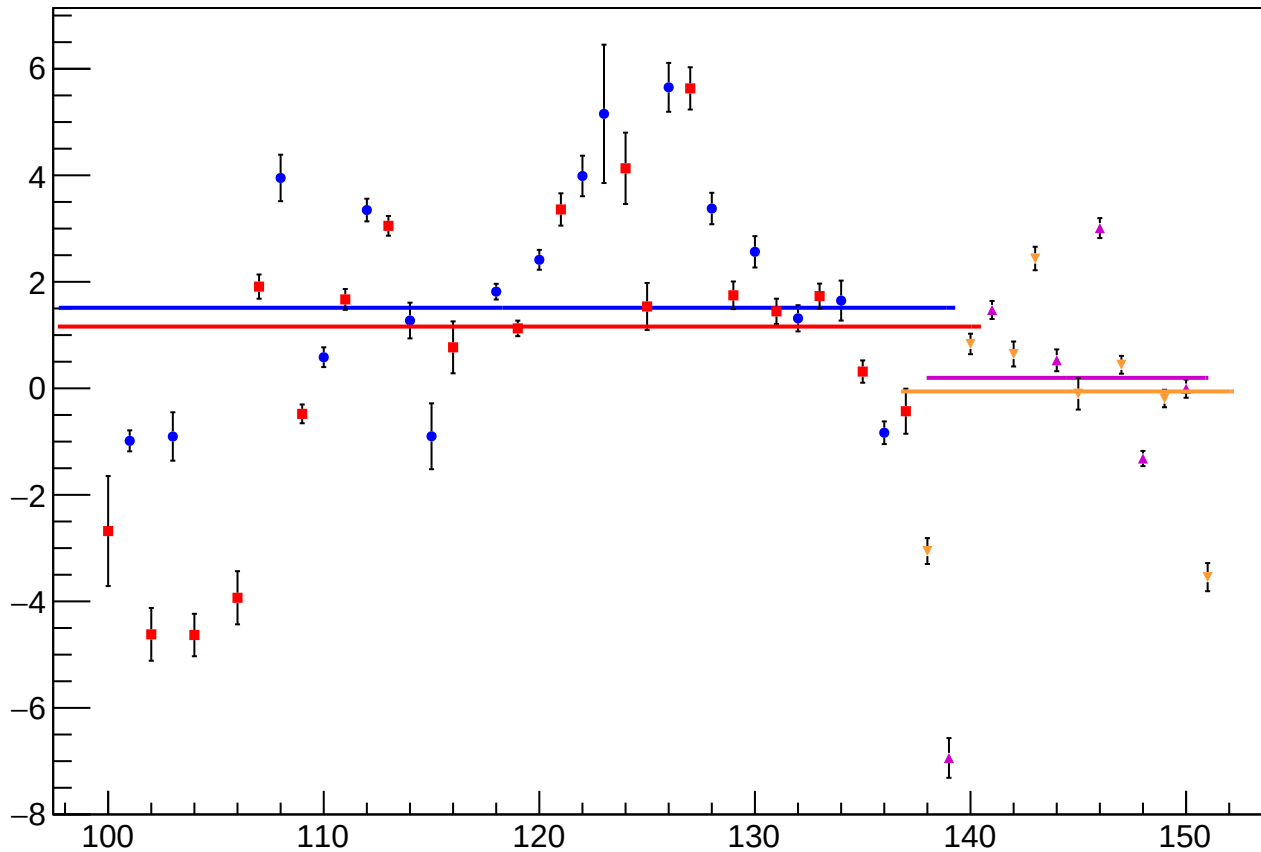
Left In: -22.884+/-0.105 χ^2/NDF : 27217.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.379+/-0.074 χ^2/NDF : 75346.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513+/-0.063 χ^2/NDF : 669.7/16

Left Out: -0.058+/-0.074 χ^2/NDF : 493.7/7

Right Out: 1.160+/-0.060 χ^2/NDF : 917.0/18

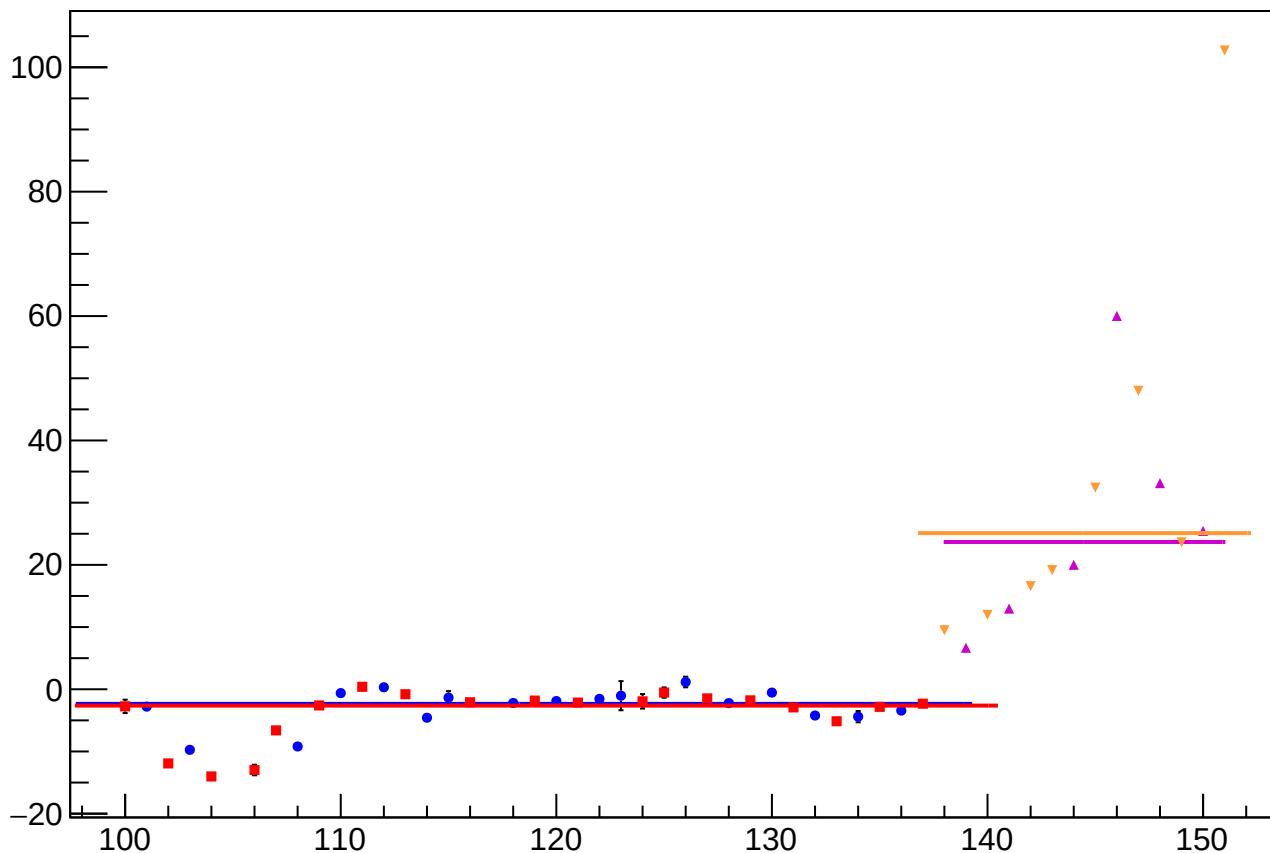
Left In: 0.197+/-0.075 χ^2/NDF : 764.1/5

+ sign 0.860+/-0.048 χ^2/NDF : 1424.3/24

All: 0.821+/-0.034 χ^2/NDF : 3207.1/49

- sign 0.784+/-0.047 χ^2/NDF : 1781.5/24

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 25.106 ± 0.106 χ^2/NDF : 42667.5/7

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

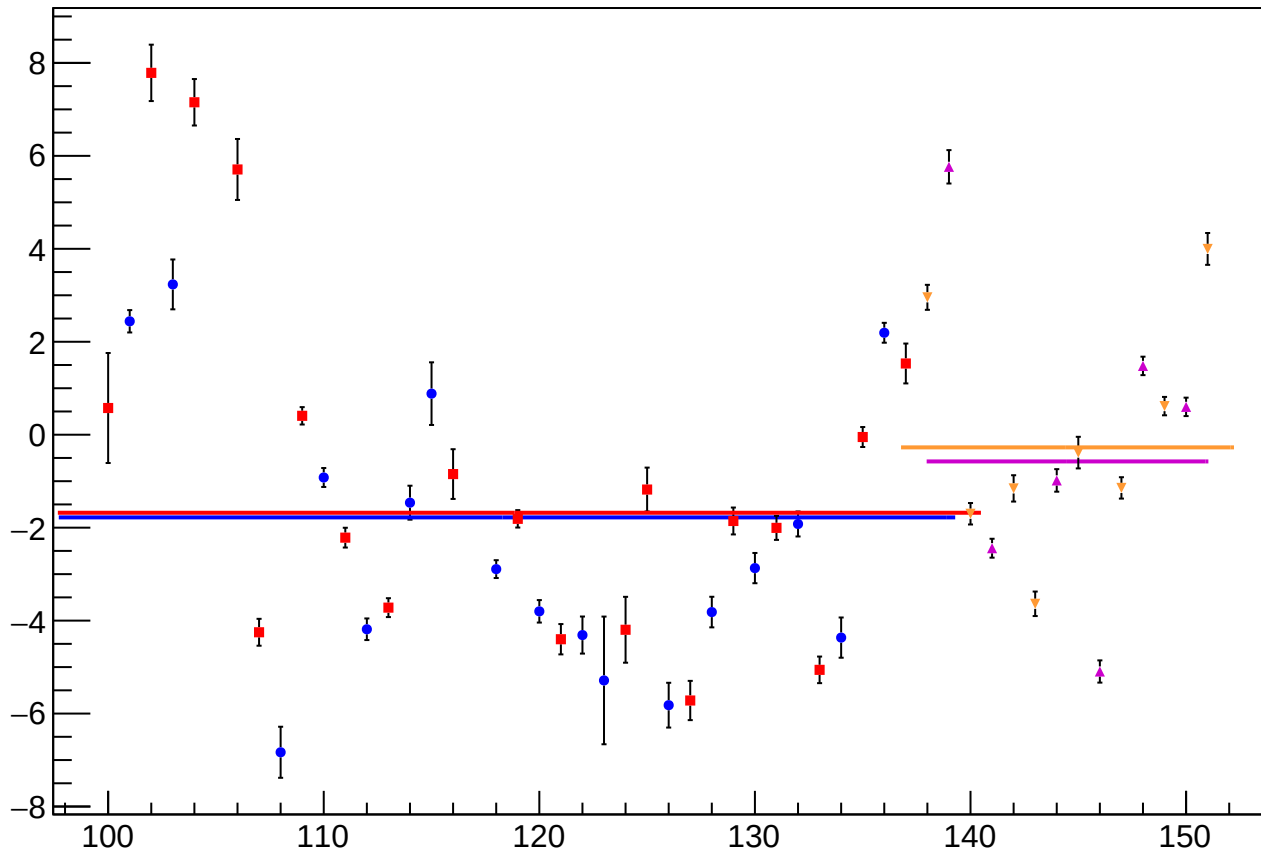
Left In: 23.682 ± 0.106 χ^2/NDF : 23194.3/5

+ sign 12.421 ± 0.078 χ^2/NDF : 74148.7/24

All: 11.241 ± 0.054 χ^2/NDF : 130207.3/49

- sign 10.171 ± 0.074 χ^2/NDF : 55619.1/24

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -0.273 ± 0.091 χ^2/NDF : 545.0/7

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

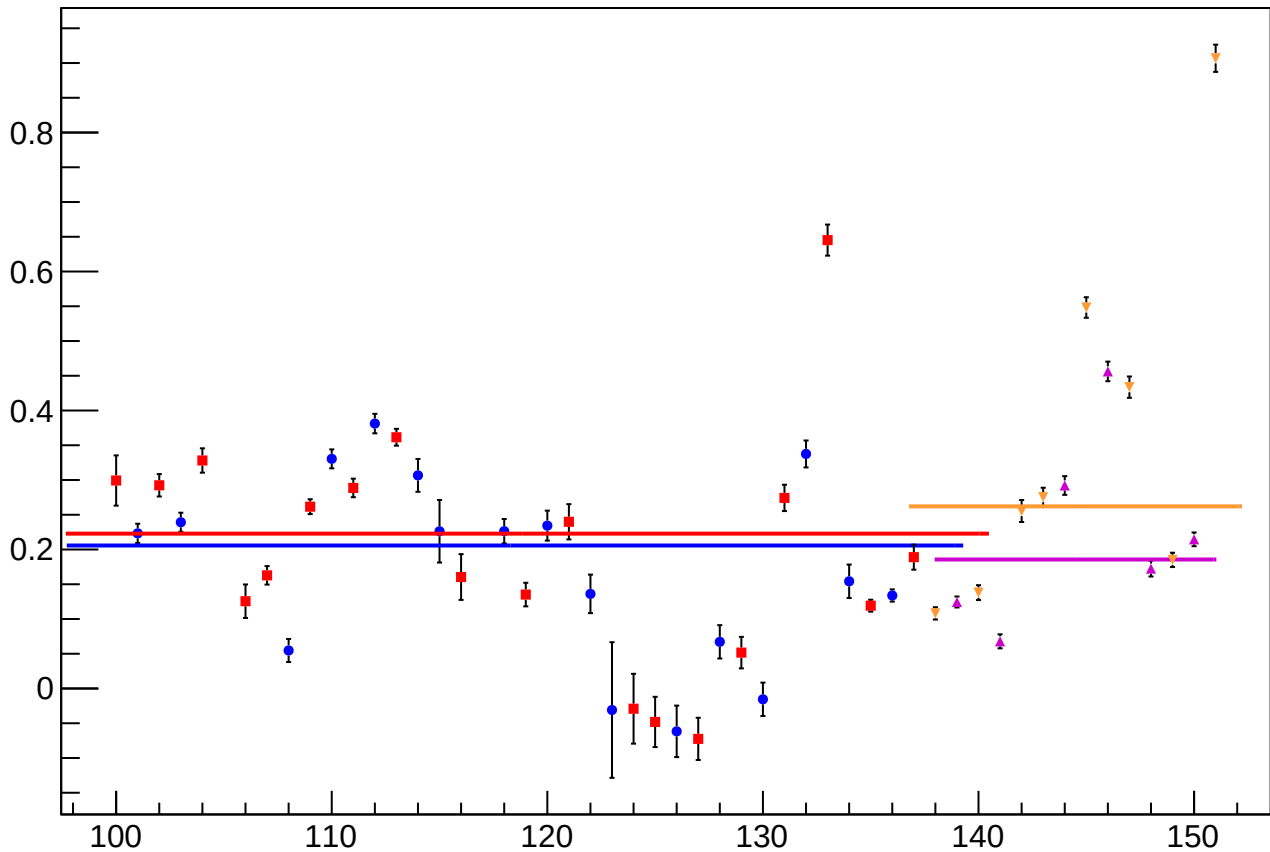
Left In: -0.575 ± 0.092 χ^2/NDF : 898.1/5

+ sign -1.196 ± 0.057 χ^2/NDF : 1985.4/24

All: -1.245 ± 0.039 χ^2/NDF : 4407.2/49

- sign -1.291 ± 0.055 χ^2/NDF : 2420.3/24

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.262 ± 0.004 χ^2/NDF : 2076.4/7

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.186 ± 0.004 χ^2/NDF : 637.8/5

+ sign 0.233 ± 0.003 χ^2/NDF : 2813.0/24

All: 0.219 ± 0.002 χ^2/NDF : 4575.5/49

- sign 0.206 ± 0.003 χ^2/NDF : 1721.8/24