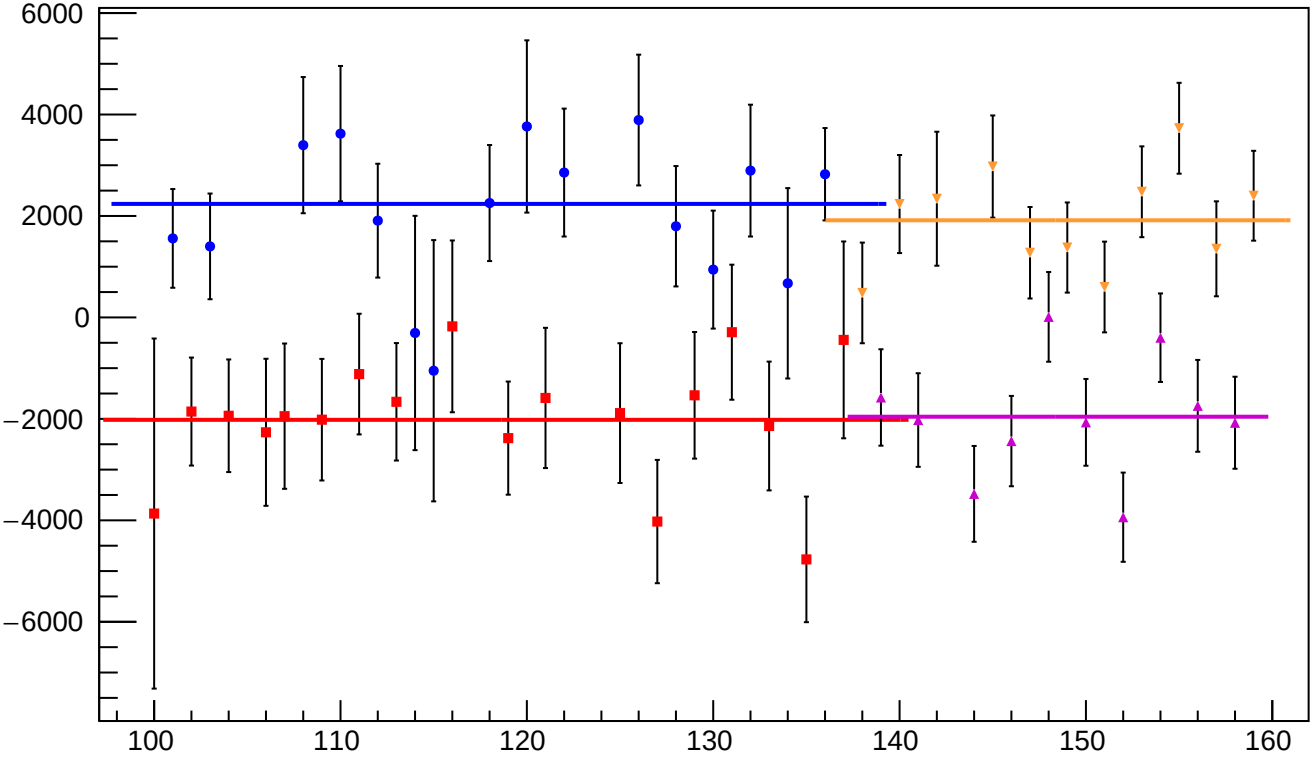
dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642 χ^2/NDF: 11.3/15

Left Out: 1915.006+/-285.125 χ^2/NDF:11.6/10

Right Out: -2018.625+/-308.362 χ^2/NDF: 12.6/17

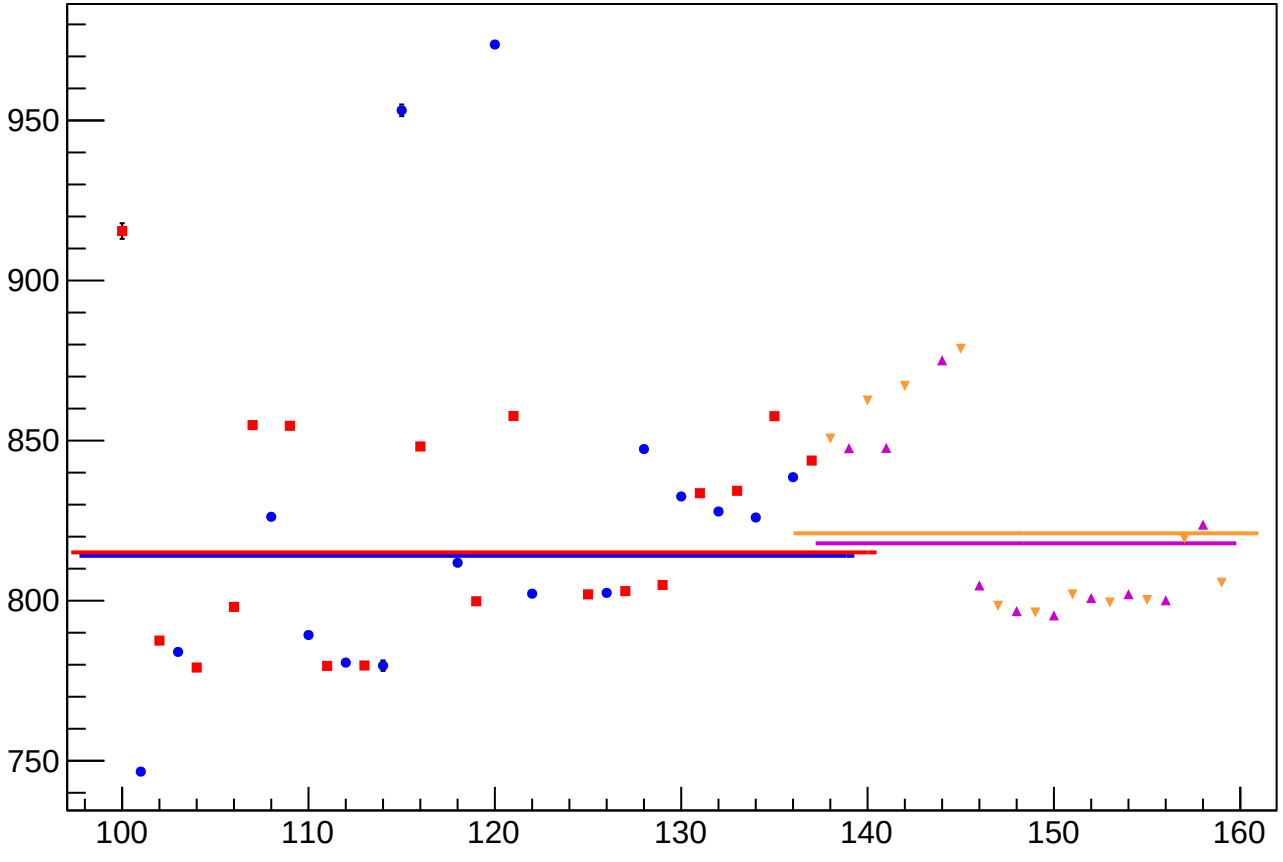
Left In: -1957.213+/-284.522 χ^2/NDF:16.4/9

+ sign 2060.614+/-211.280 χ^2/NDF: 23.5/26

All: 16.676+/-148.624 χ^2/NDF: 237.7/54

- sign -1985.454+/-209.108 χ^2/NDF: 29.0/27

dit_asym_us_avg_rms vs Slug



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

Left Out: 821.043+/-0.202 χ^2/NDF:21020.0/10

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

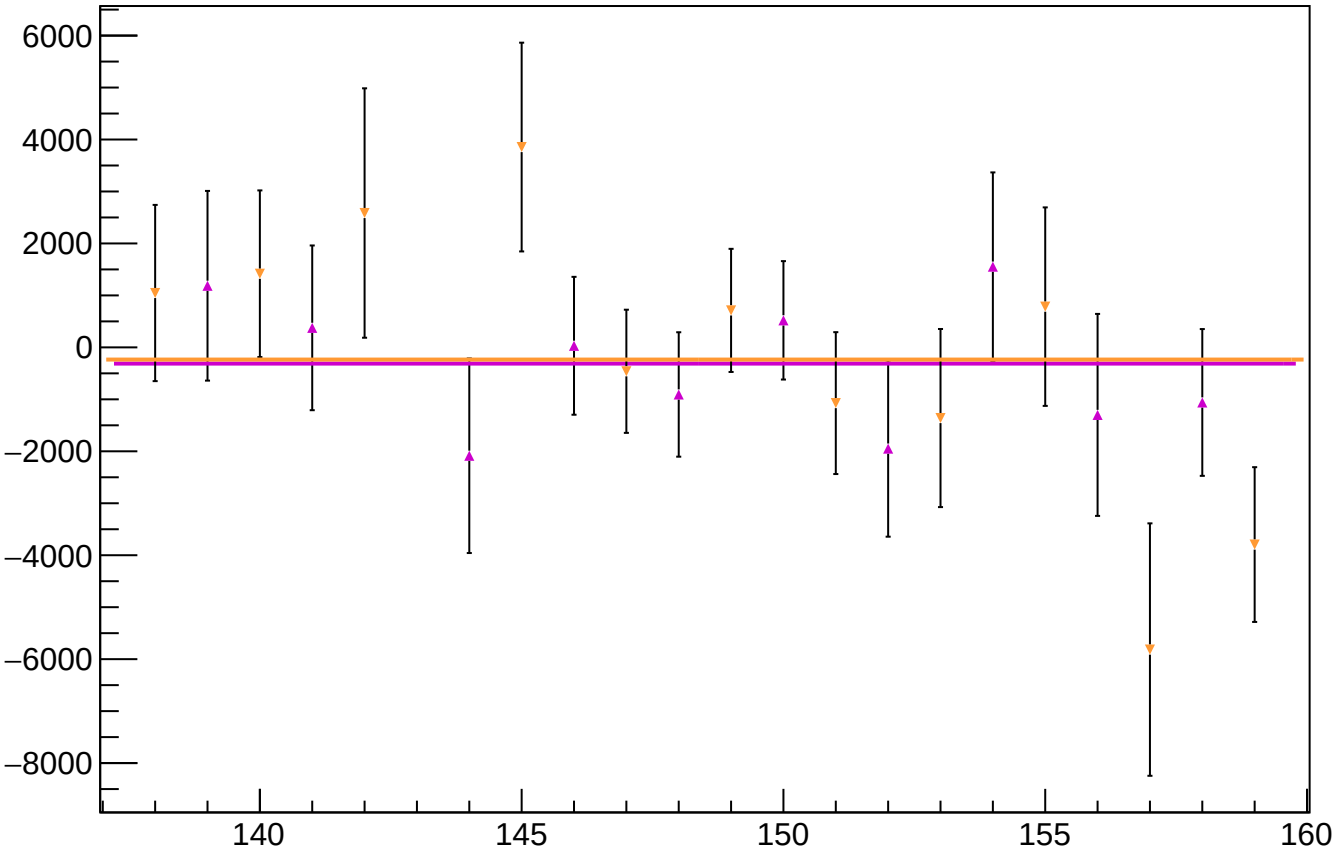
Left In: 817.917+/-0.201 χ^2/NDF:16612.5/9

+ sign 817.877+/-0.149 χ^2/NDF: 63608.5/26

All: 817.239+/-0.105 χ^2/NDF: 100307.5/54

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

asym_us_avg_correction_mean vs Slug



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

Left Out: -234.758+/-479.230 χ^2/NDF:19.9/10

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

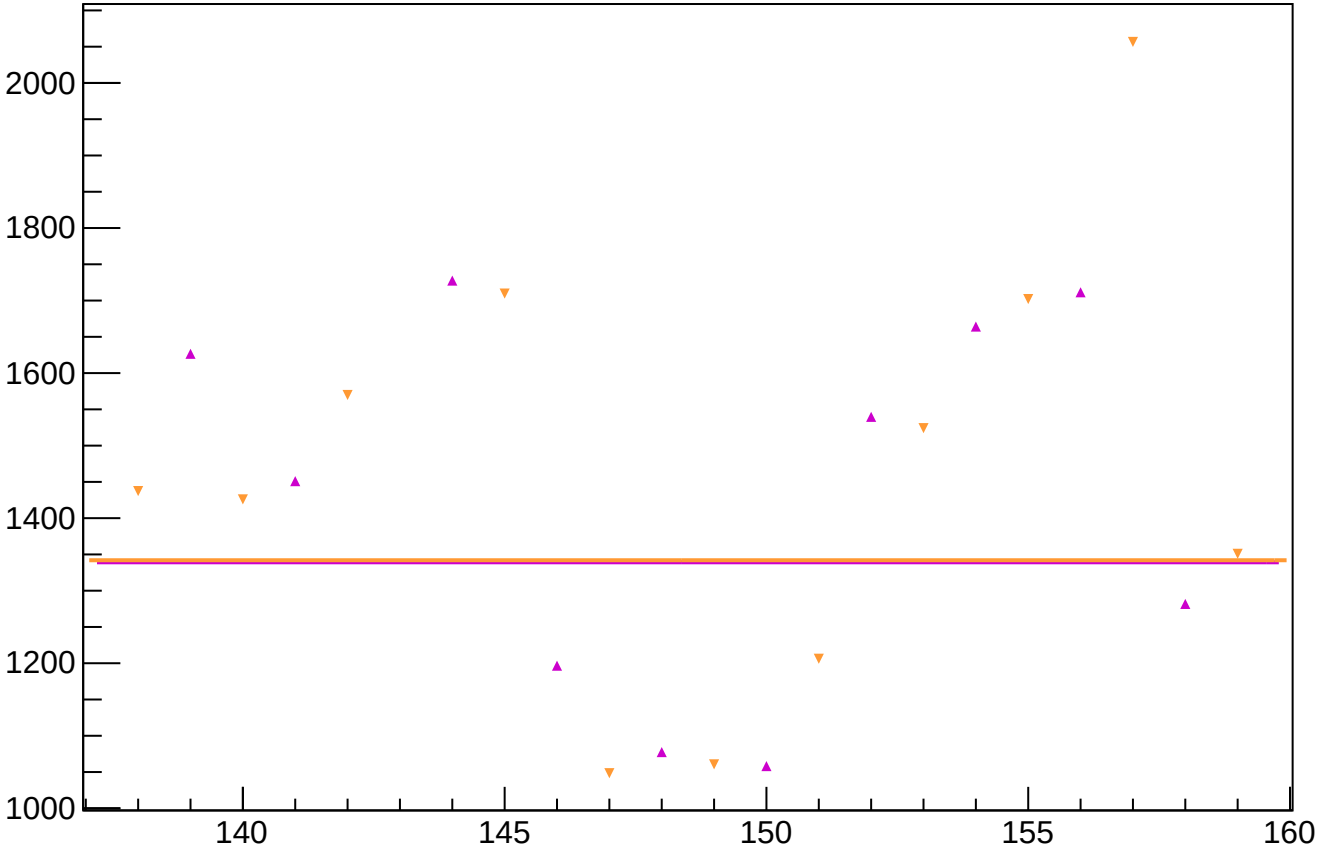
Left In: -312.027+/-474.699 χ^2/NDF:5.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -273.760+/-337.254 χ^2/NDF: 25.1/20

- 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: 1341.982+/-0.339 χ^2/NDF:619007.8/10

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

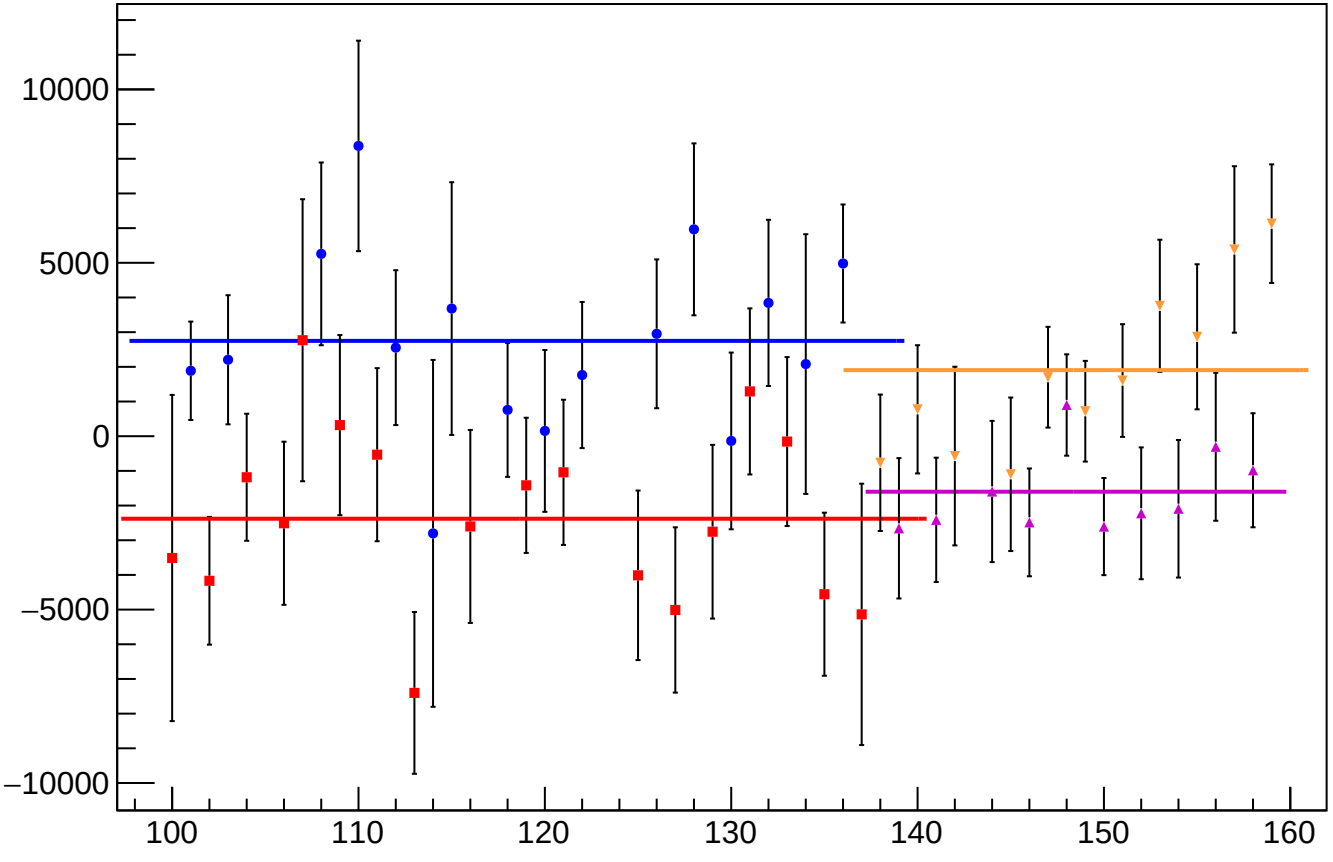
Left In: 1339.167+/-0.336 χ^2/NDF:554793.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1340.561+/-0.238 χ^2/NDF: 1173836.4/20

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_mean vs Slug



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

Left Out: 1905.132+/-554.516 χ^2/NDF:15.1/10

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

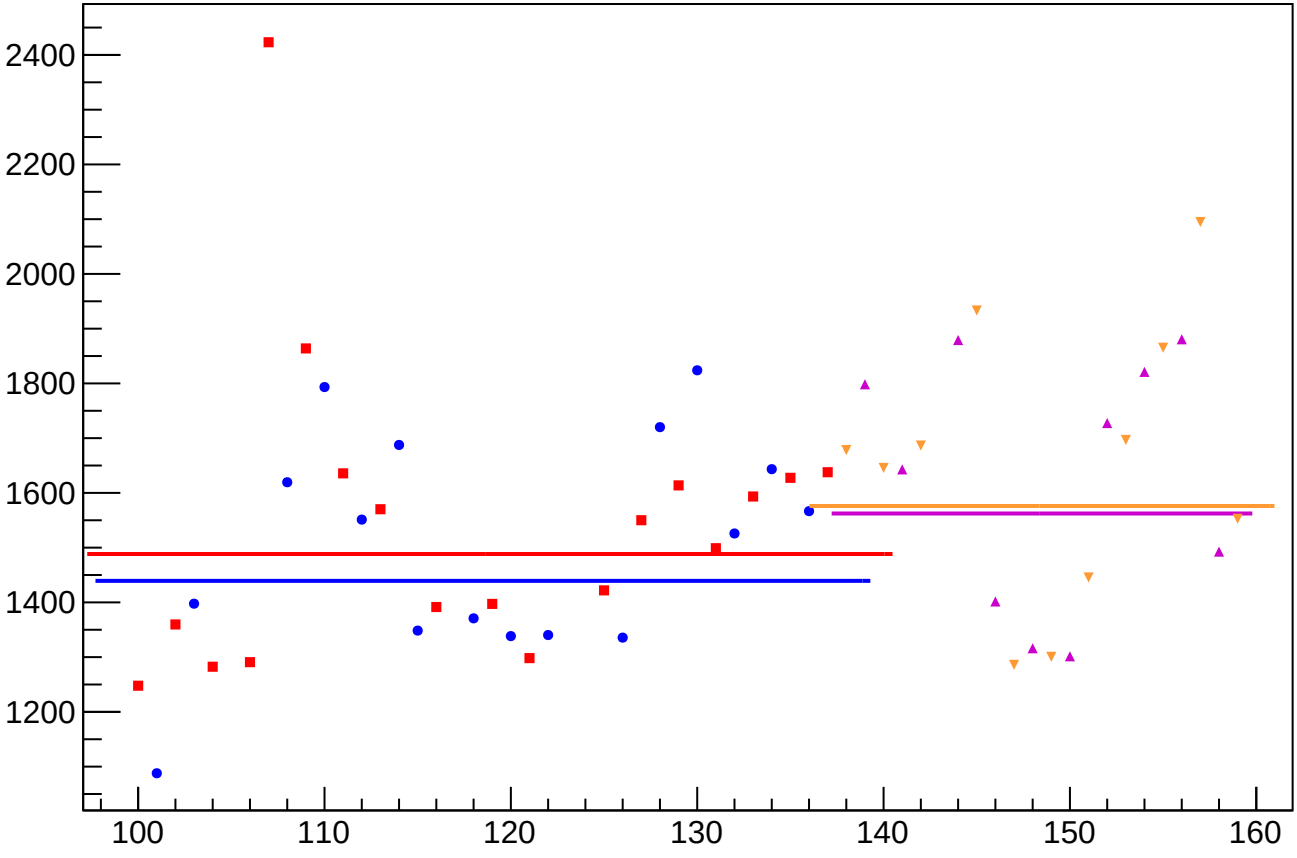
Left In: -1600.788+/-549.753 χ^2/NDF:4.9/9

+ sign 2320.593+/-395.048 χ^2/NDF: 29.8/26

All: 173.577+/-279.449 χ^2/NDF: 111.0/54

- sign -1976.750+/-395.352 χ^2/NDF: 22.1/27

asym_us_avg_rms vs Slug



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

Left Out: 1576.112+/-0.392 χ^2/NDF:368688.5/10

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

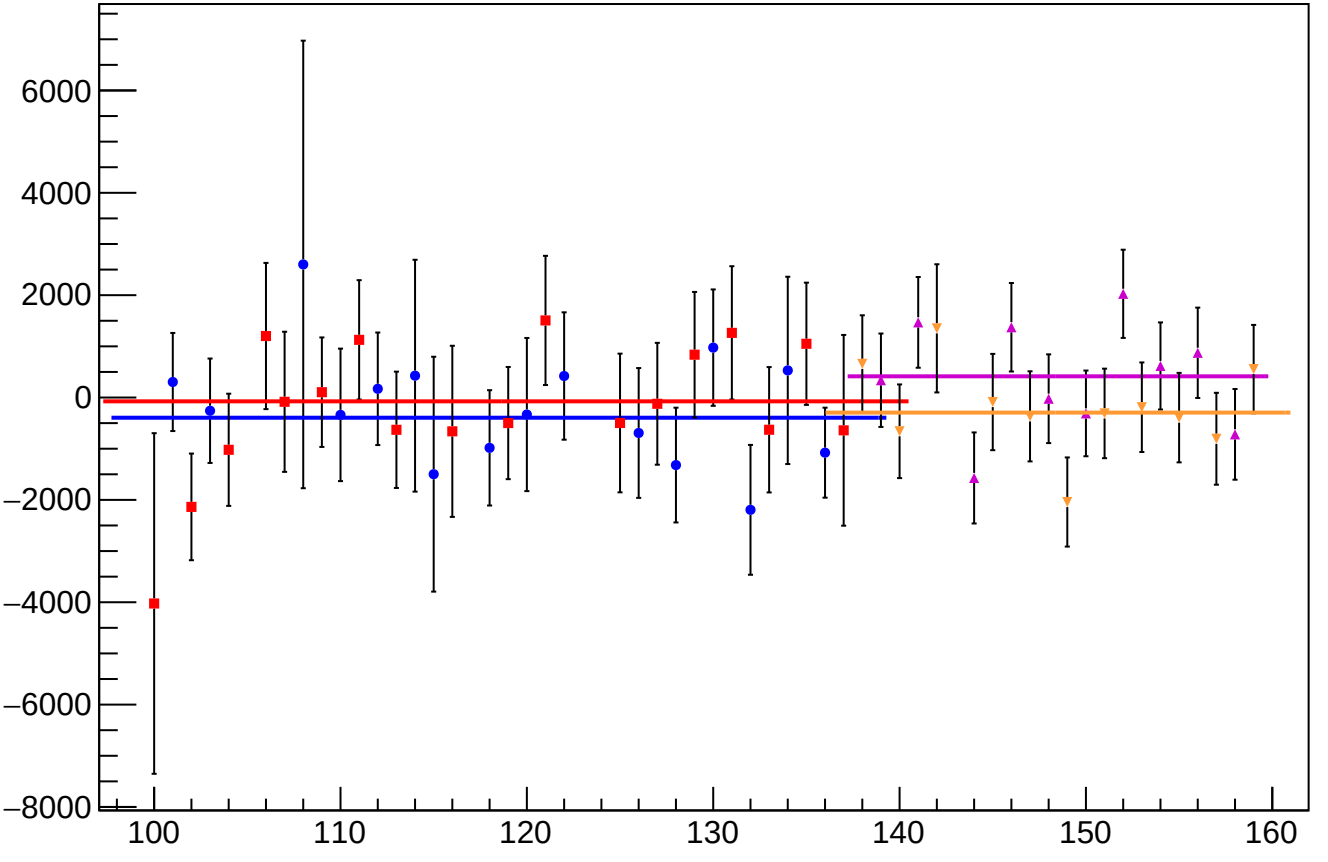
Left In: 1562.379+/-0.389 χ^2/NDF:324327.5/9

+ sign 1508.754+/-0.279 χ^2/NDF: 706475.9/26

All: 1517.696+/-0.198 χ^2/NDF: 1306673.4/54

- sign 1526.652+/-0.280 χ^2/NDF: 598146.4/27

dit_asym_us_dd_mean vs Slug



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

Left Out: -294.306+/-275.402 χ^2/NDF:8.3/10

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

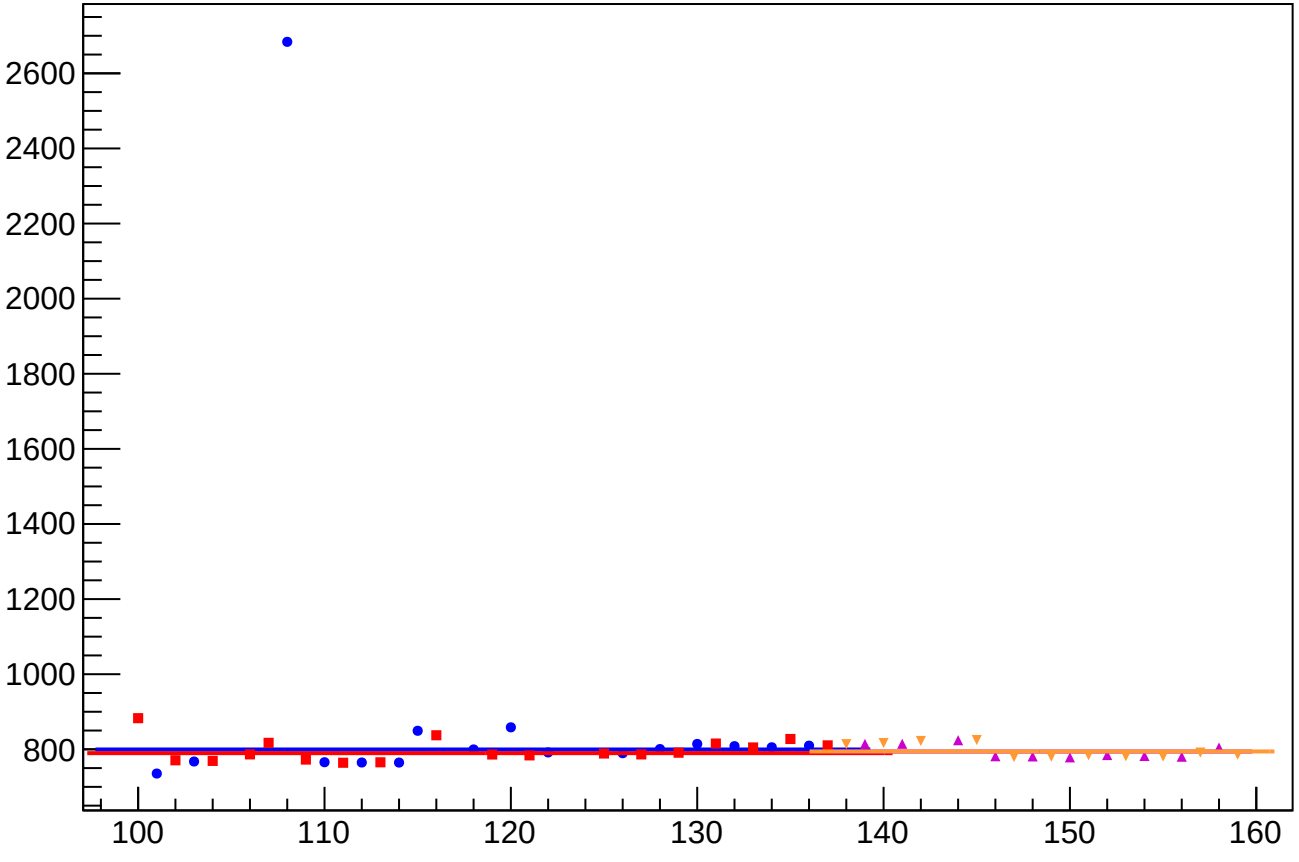
Left In: 414.624+/-276.117 χ^2/NDF:14.1/9

+ sign -337.940+/-206.810 χ^2/NDF: 15.8/26

All: -69.083+/-144.749 χ^2/NDF: 47.6/54

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

dit_asym_us_dd_rms vs Slug



Right In: 799.537+/-0.221 χ^2/NDF: 391185.9/15

Left Out: 794.312+/-0.195 χ^2/NDF:7618.8/10

Right Out: 789.794+/-0.211 χ^2/NDF: 11174.9/17

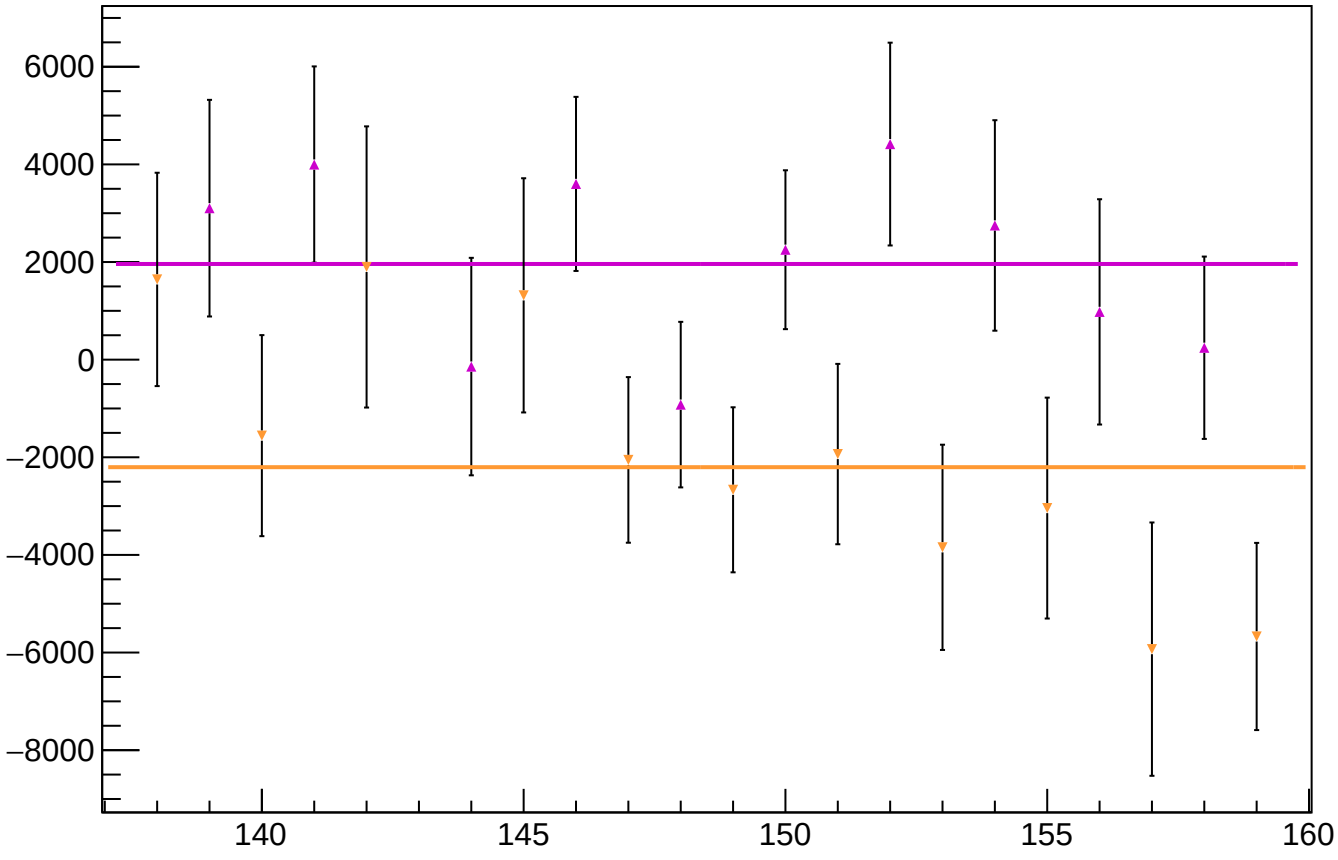
Left In: 794.078+/-0.195 χ^2/NDF:7321.0/9

+ sign 796.591+/-0.146 χ^2/NDF: 399118.6/26

All: 794.301+/-0.102 χ^2/NDF: 418317.4/54

- sign 792.102+/-0.143 χ^2/NDF: 18718.0/27

asym_us_dd_correction_mean vs Slug



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

Left Out: -2202.753+/-623.529 χ^2/NDF:13.6/10

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

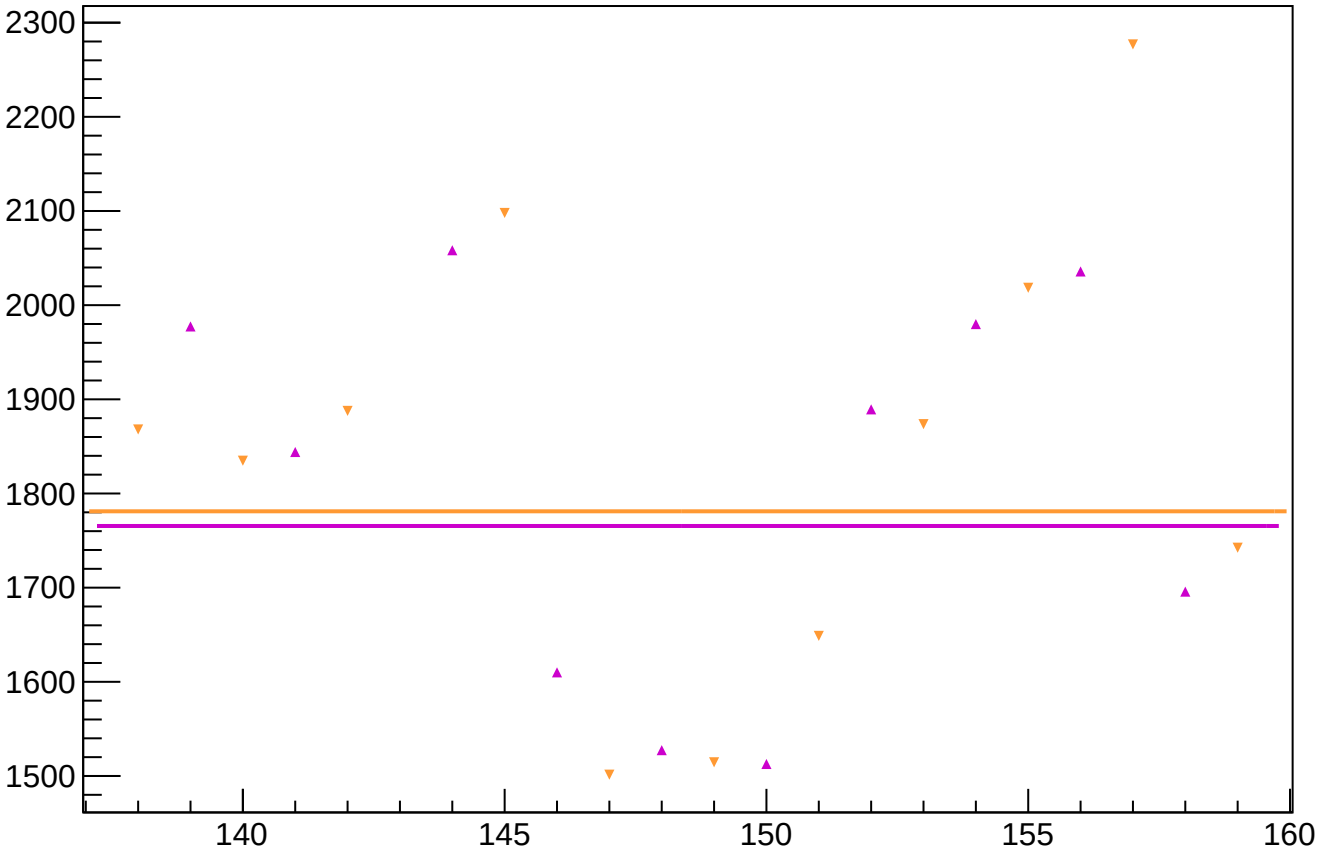
Left In: 1959.923+/-618.590 χ^2/NDF:8.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -104.863+/-439.145 χ^2/NDF: 44.5/20

- 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: 1781.081+/-0.441 χ^2/NDF:256236.8/10

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

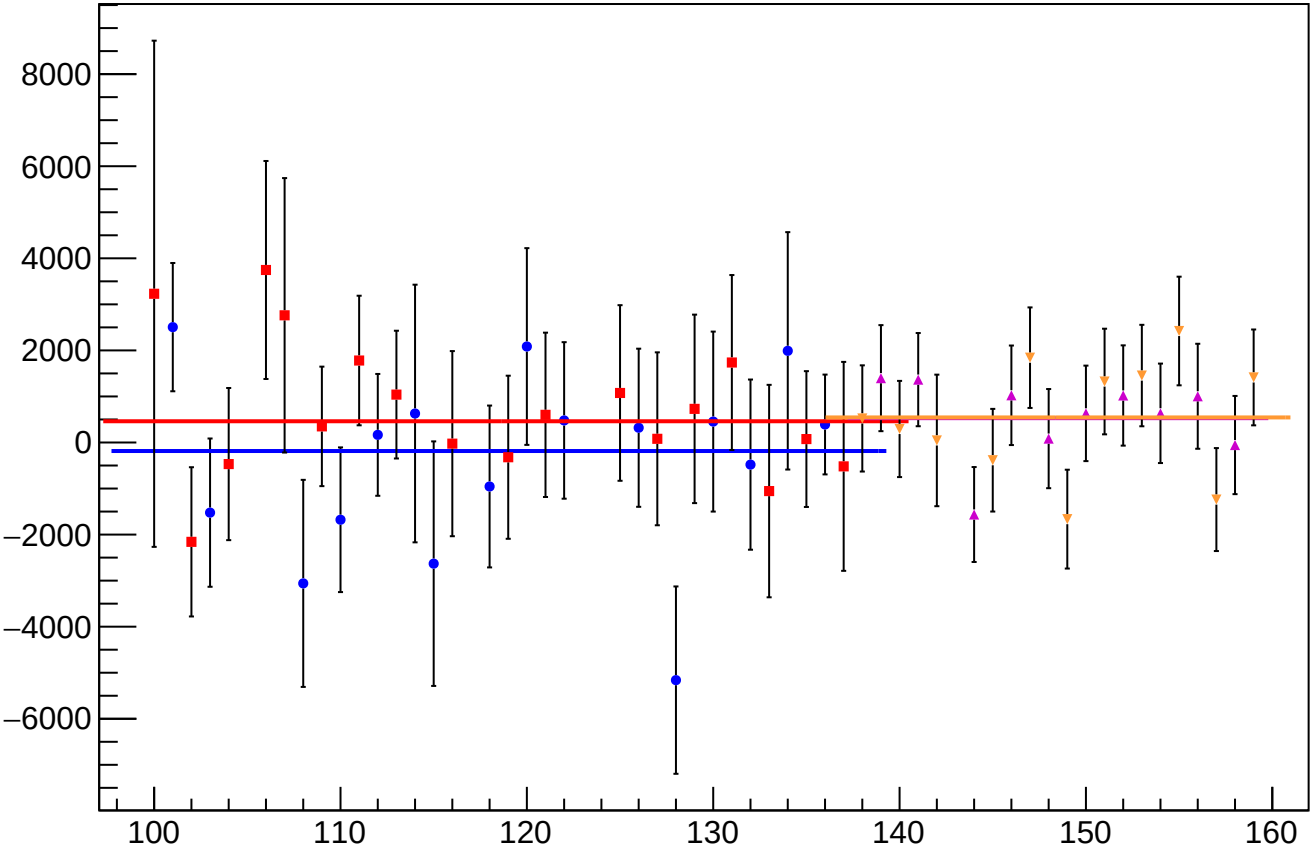
Left In: 1765.495+/-0.437 χ^2/NDF:215824.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1773.226+/-0.311 χ^2/NDF: 472691.5/20

- 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: 544.230+/-339.104 χ^2/NDF:13.4/10

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

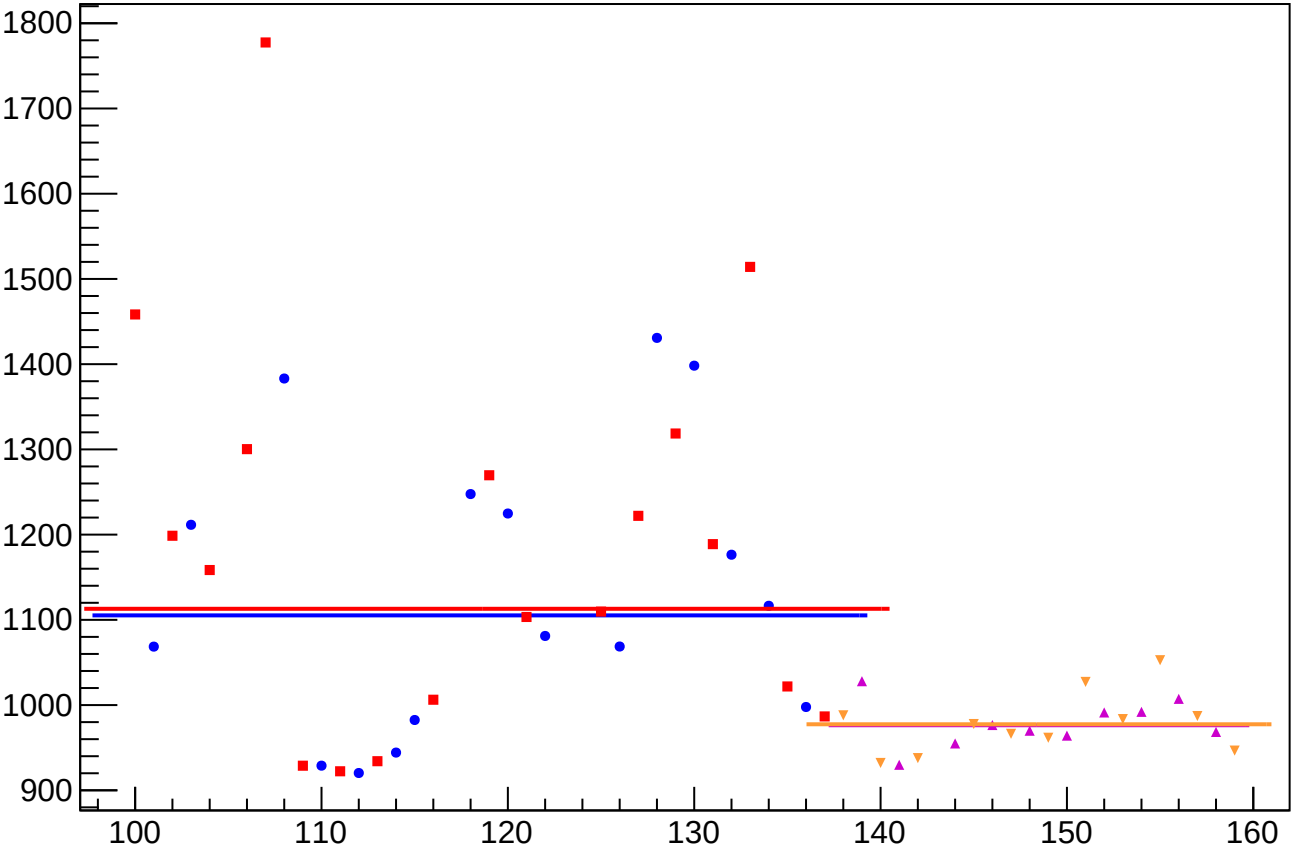
Left In: 528.553+/-339.633 χ^2/NDF:6.5/9

+ sign 265.786+/-266.622 χ^2/NDF: 31.8/26

All: 384.499+/-188.234 χ^2/NDF: 47.0/54

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

asym_us_dd_rms vs Slug



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

Left Out: 977.471+/-0.240 χ^2/NDF:19974.4/10

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

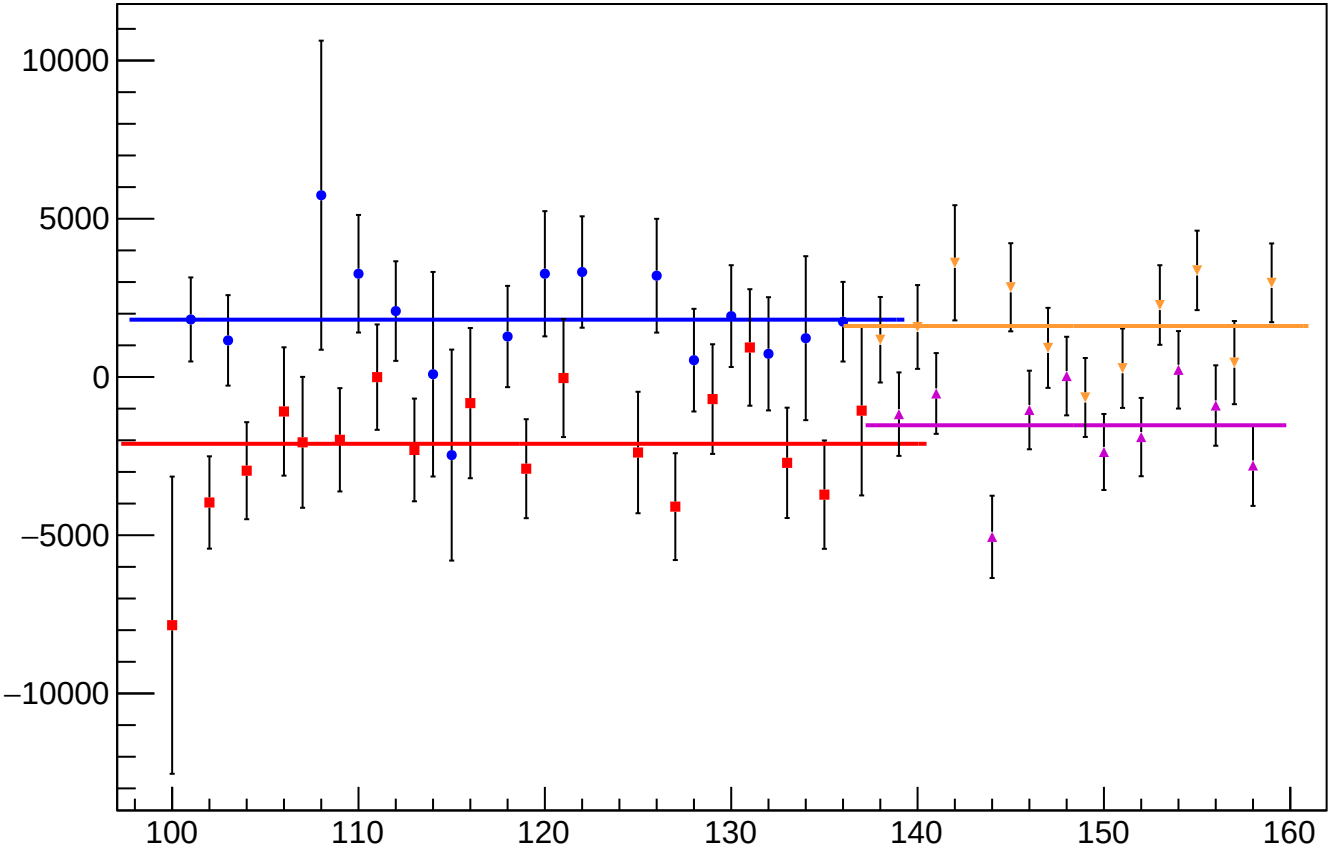
Left In: 976.341+/-0.240 χ^2/NDF:11824.9/9

+ sign 1026.252+/-0.189 χ^2/NDF: 383739.2/26

All: 1027.780+/-0.133 χ^2/NDF: 884146.9/54

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

dit_asym_usl_mean vs Slug



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

Left Out: 1610.458+/-397.454 χ^2/NDF:11.0/10

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

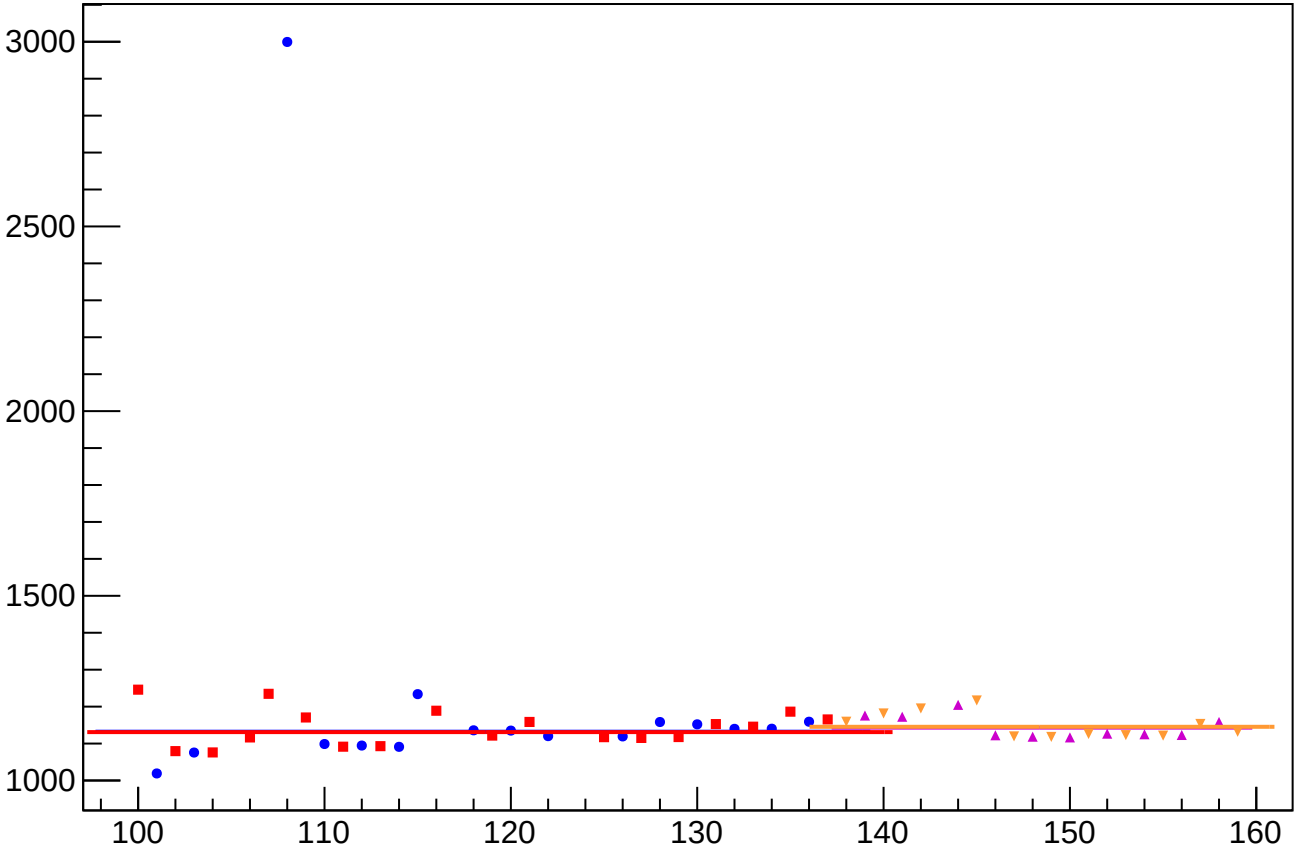
Left In: -1525.487+/-397.589 χ^2/NDF:13.6/9

+ sign 1700.109+/-295.583 χ^2/NDF: 17.6/26

All: -74.562+/-207.439 χ^2/NDF: 116.3/54

- sign -1796.927+/-291.194 χ^2/NDF: 27.7/27

dit_asym_usl_rms vs Slug



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

Left Out: 1145.382+/-0.281 χ^2/NDF:12395.5/10

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

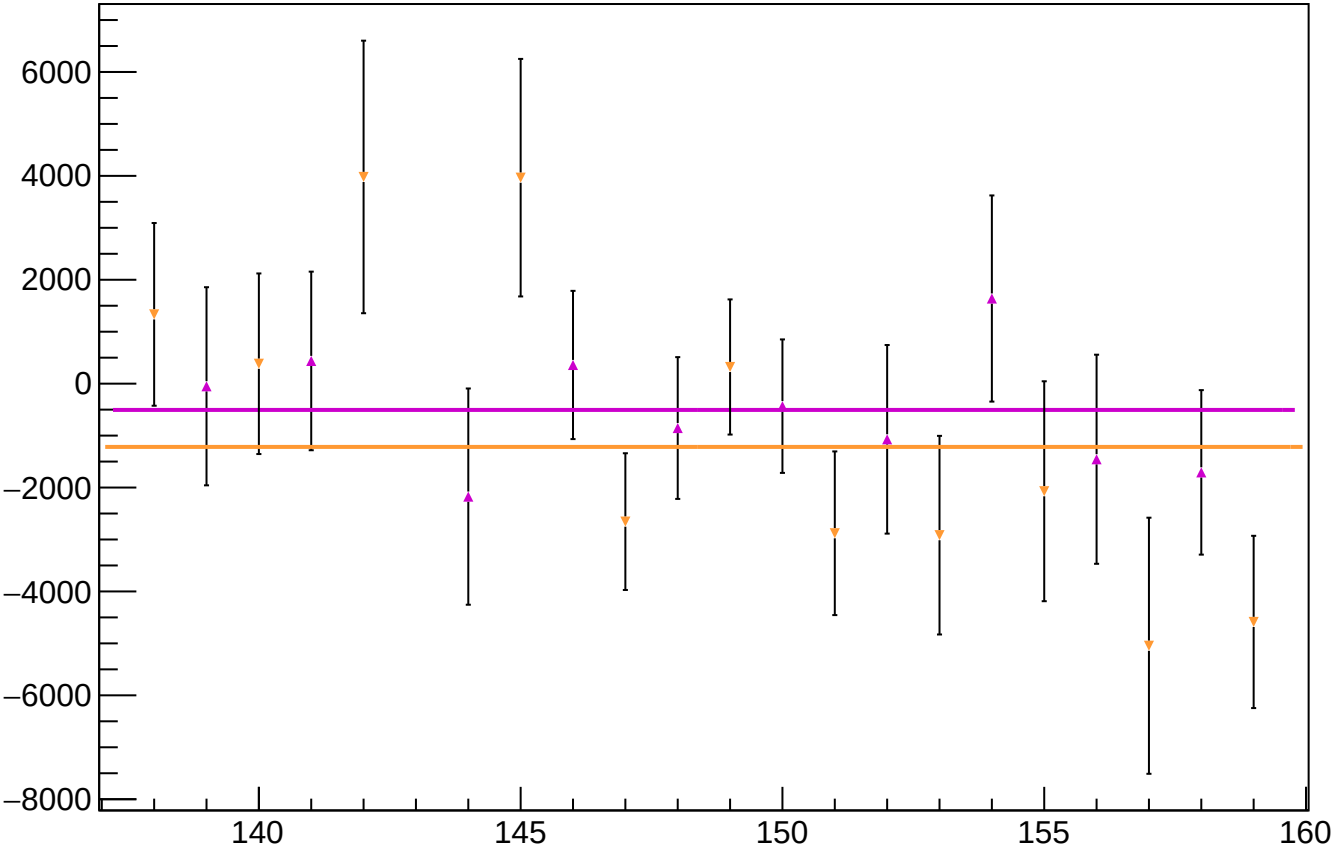
Left In: 1143.185+/-0.281 χ^2/NDF:10661.5/9

+ sign 1139.435+/-0.209 χ^2/NDF: 329423.9/26

All: 1138.475+/-0.147 χ^2/NDF: 360714.6/54

- sign 1137.544+/-0.206 χ^2/NDF: 31249.1/27

asym_usl_correction_mean vs Slug



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

Left Out: -1217.824+/-527.999 χ^2/NDF:23.2/10

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

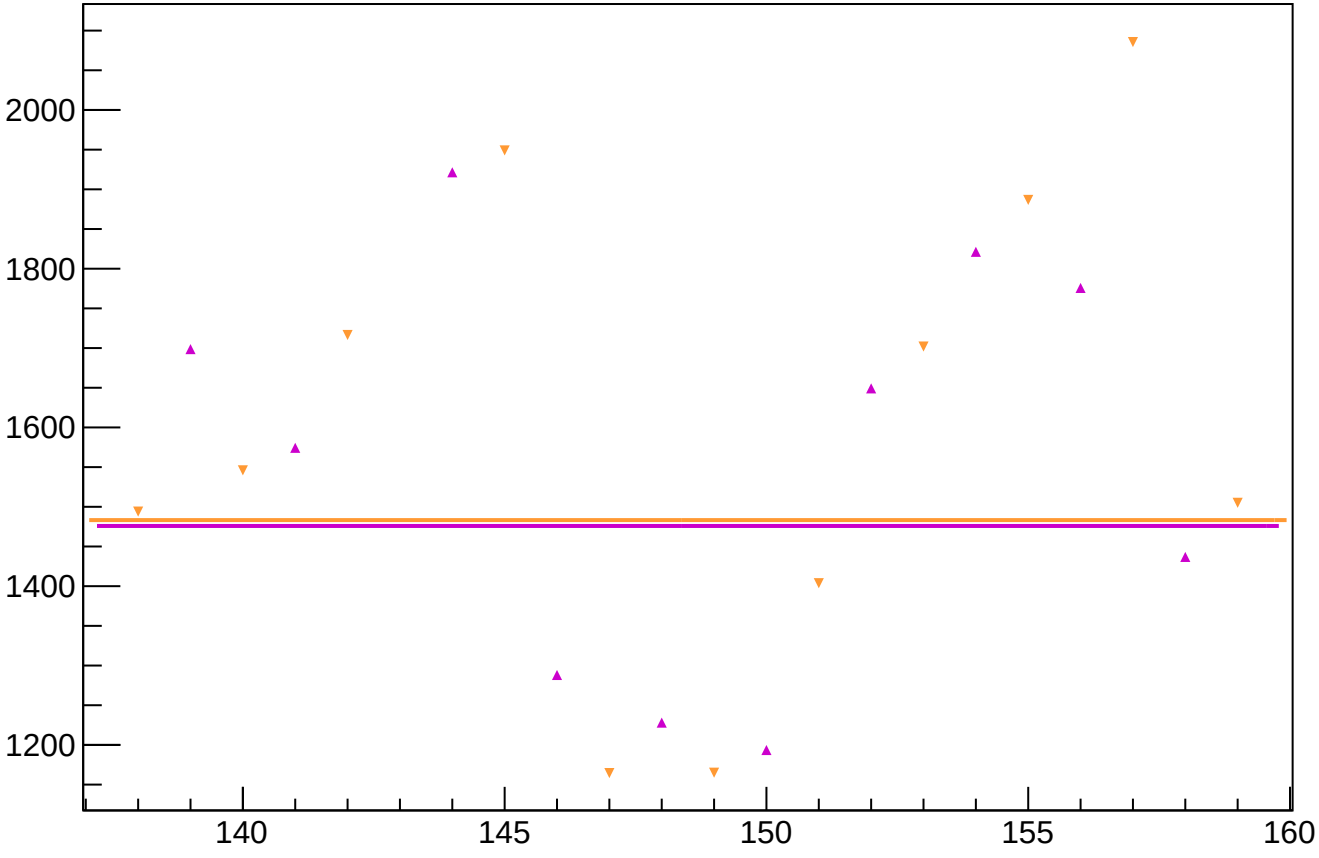
Left In: -505.735+/-521.207 χ^2/NDF:3.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -857.171+/-370.927 χ^2/NDF: 27.6/20

- 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: 1483.251+/-0.373 χ^2/NDF:562127.3/10

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

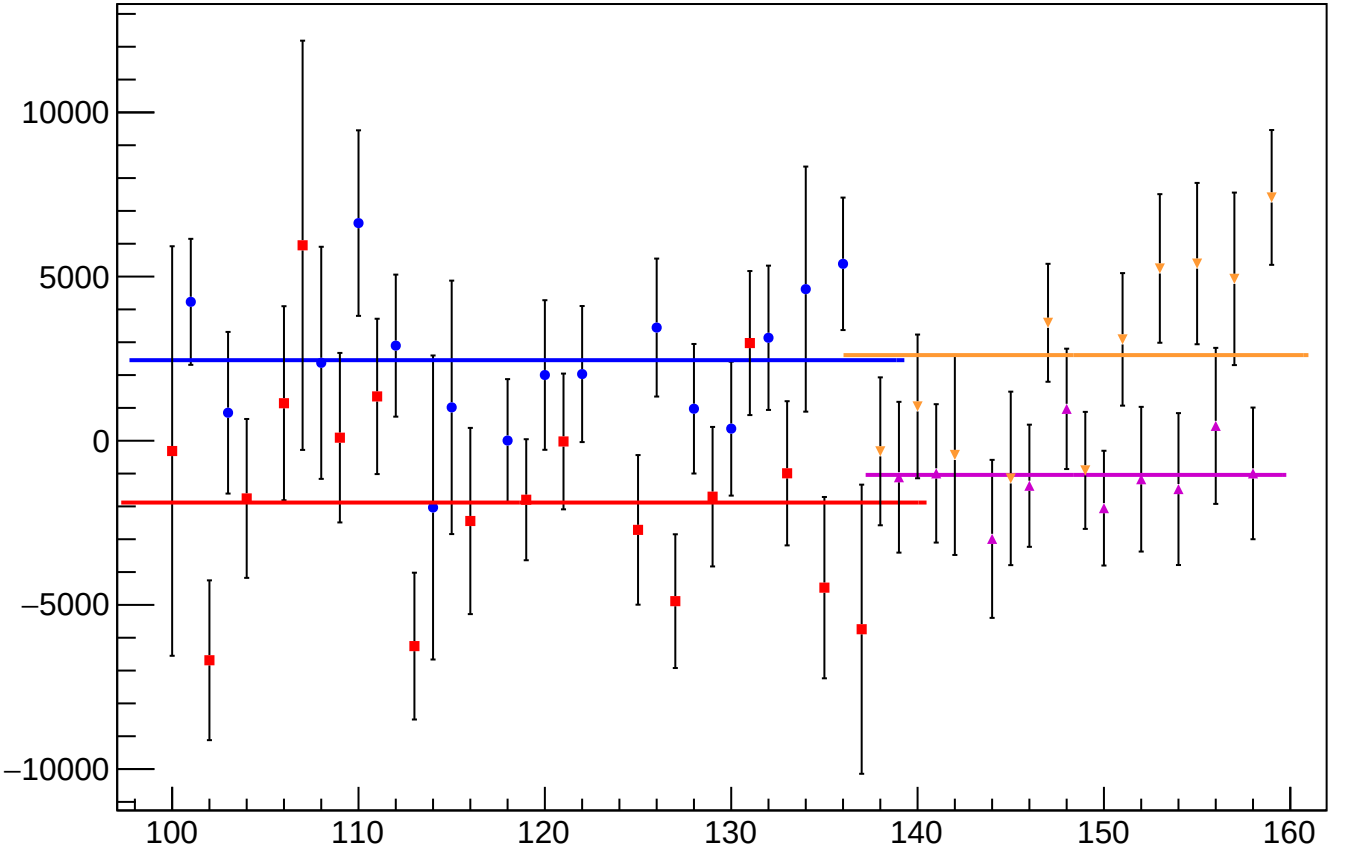
Left In: 1475.864+/-0.369 χ^2/NDF:447086.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1479.510+/-0.262 χ^2/NDF: 1009412.1/20

- 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: 2608.269+/-663.691 χ^2/NDF:18.4/10

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

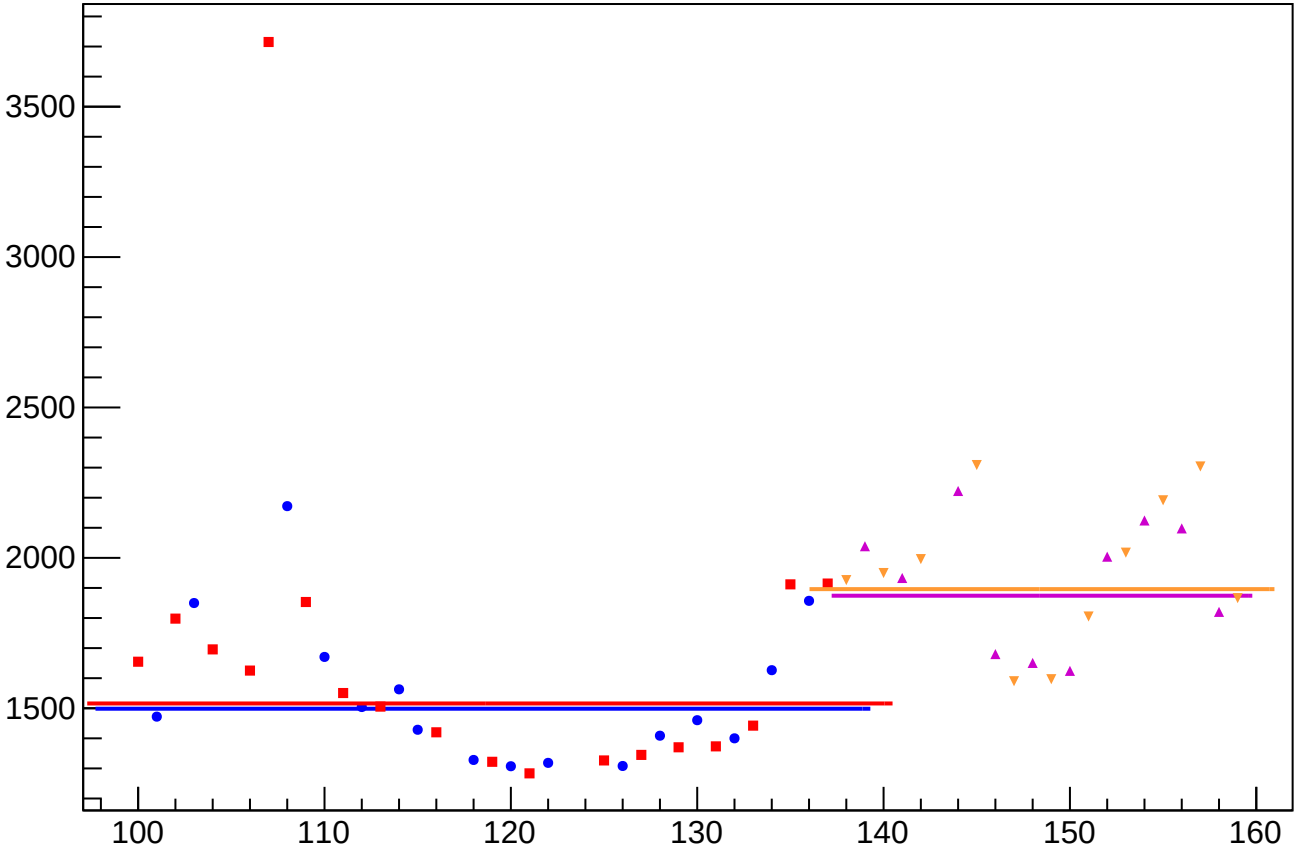
Left In: -1040.483+/-656.509 χ^2/NDF:2.7/9

+ sign 2521.175+/-438.562 χ^2/NDF: 29.1/26

All: 493.163+/-309.202 χ^2/NDF: 98.0/54

- sign -1511.260+/-436.004 χ^2/NDF: 26.3/27

asym_usl_rms vs Slug



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

Left Out: 1896.074+/-0.469 χ^2/NDF:254403.0/10

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

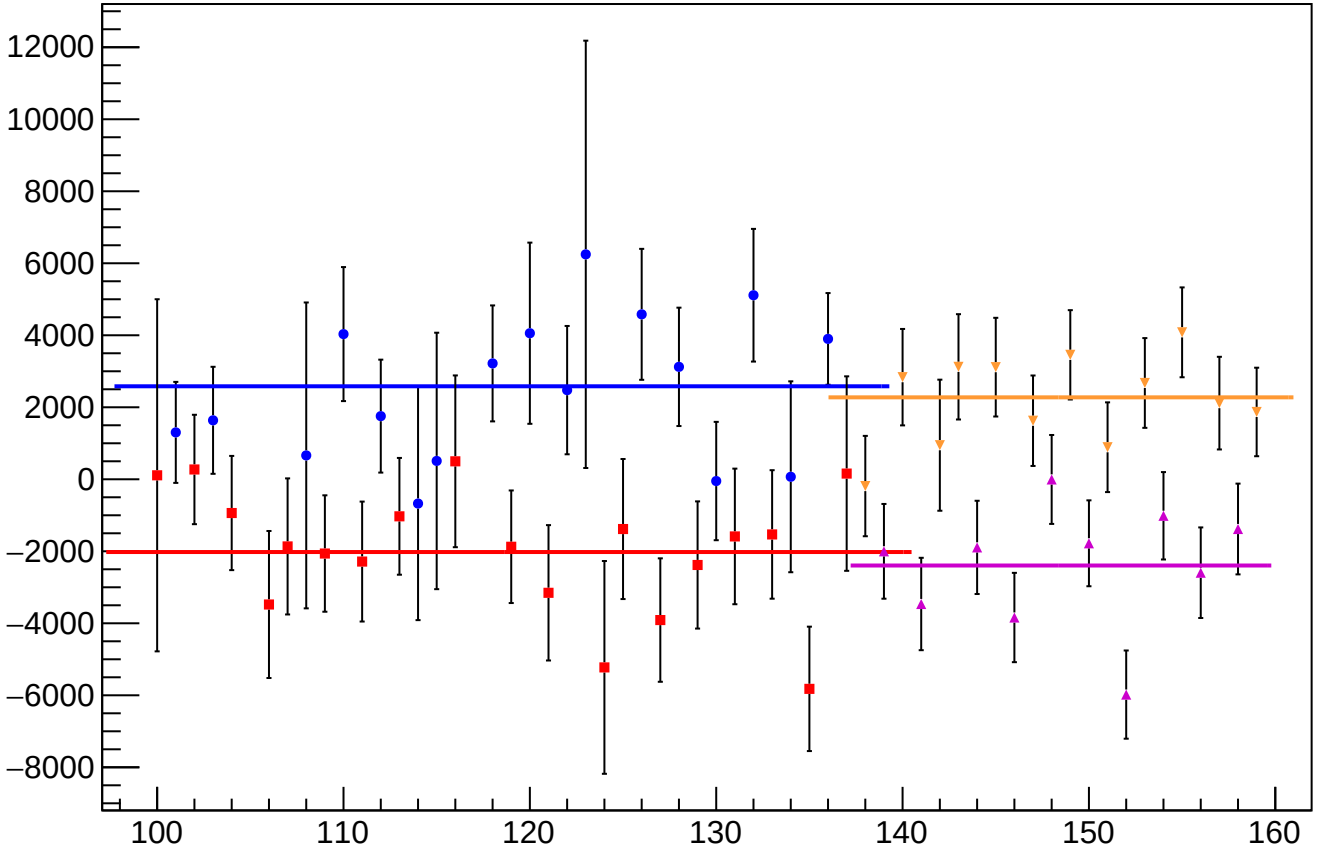
Left In: 1874.193+/-0.464 χ^2/NDF:195534.8/9

+ sign 1672.091+/-0.310 χ^2/NDF: 917552.0/26

All: 1673.029+/-0.219 χ^2/NDF: 1926512.9/54

- sign 1673.956+/-0.308 χ^2/NDF: 1008942.7/27

dit_asym_usr_mean vs Slug



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

Left Out: 2275.708+/-382.029 χ^2/NDF:9.3/11

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

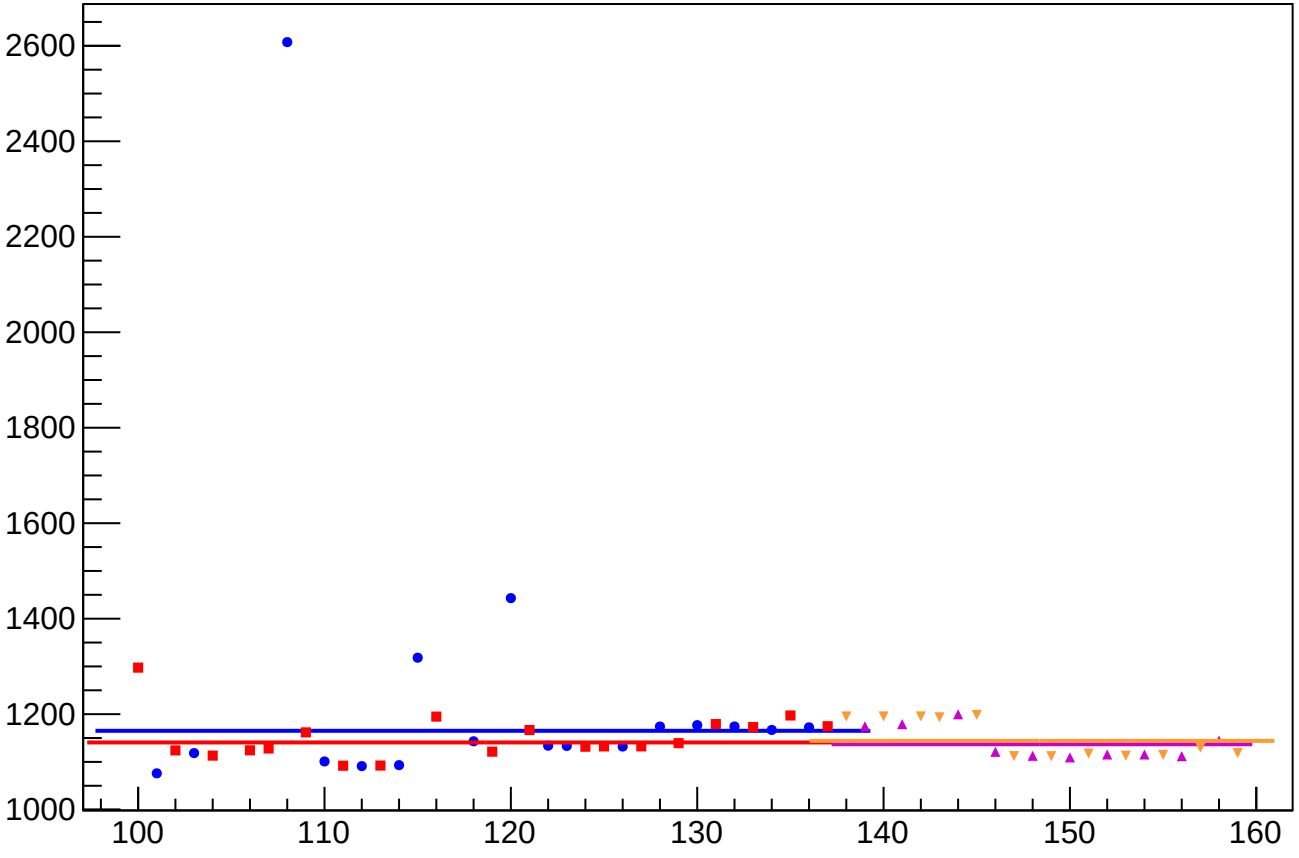
Left In: -2395.079+/-395.413 χ^2/NDF:16.8/9

+ sign 2403.355+/-292.094 χ^2/NDF: 21.8/28

All: 74.342+/-205.814 χ^2/NDF: 178.9/57

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

dit_asym_usr_rms vs Slug



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

Left Out: 1143.988+/-0.270 χ^2/NDF:19608.6/11

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

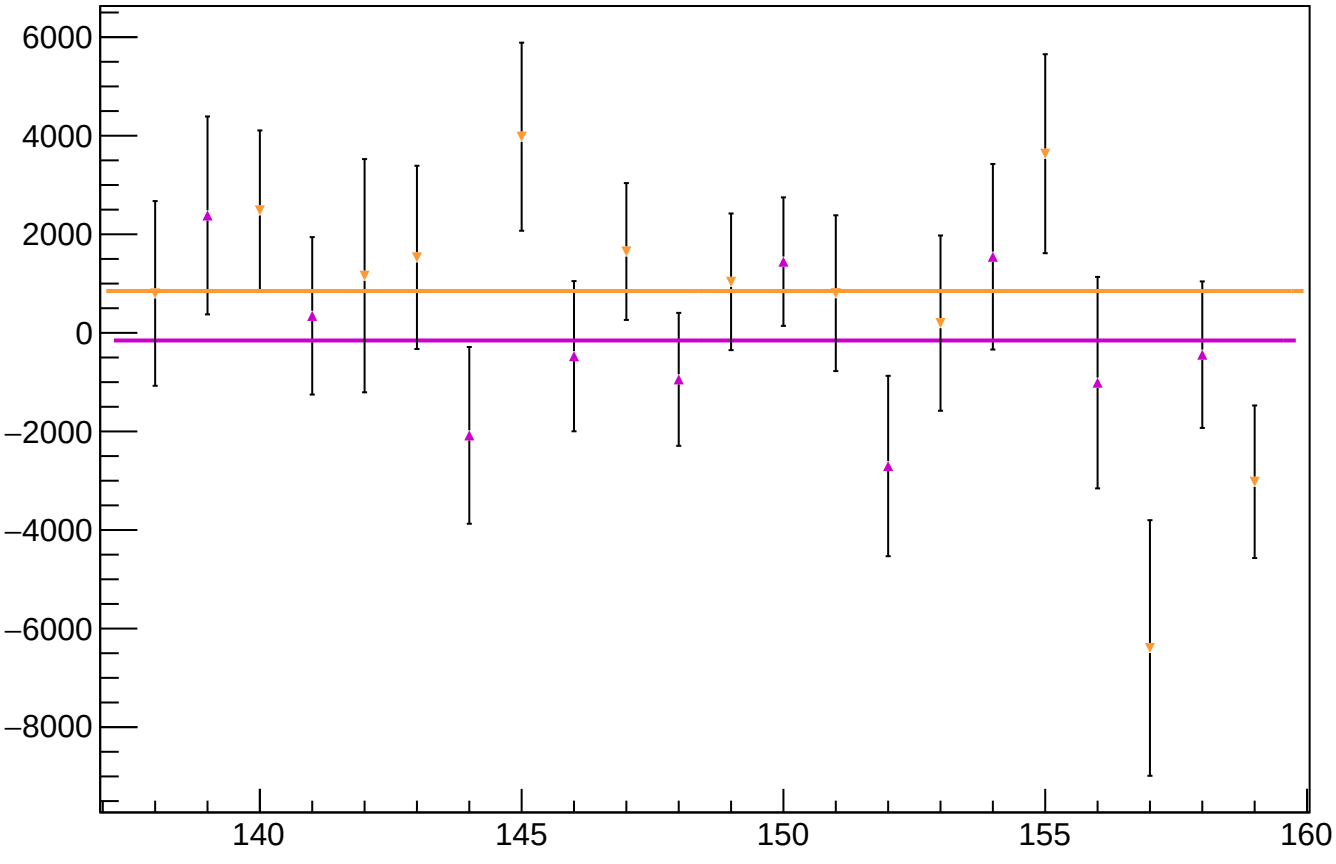
Left In: 1136.947+/-0.280 χ^2/NDF:12759.7/9

+ sign 1152.777+/-0.207 χ^2/NDF: 300727.2/28

All: 1145.692+/-0.146 χ^2/NDF: 328627.5/57

- sign 1138.705+/-0.205 χ^2/NDF: 25562.8/28

asym_usr_correction_mean vs Slug



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

Left Out: 849.418+/-501.584 χ^2/NDF:20.3/11

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

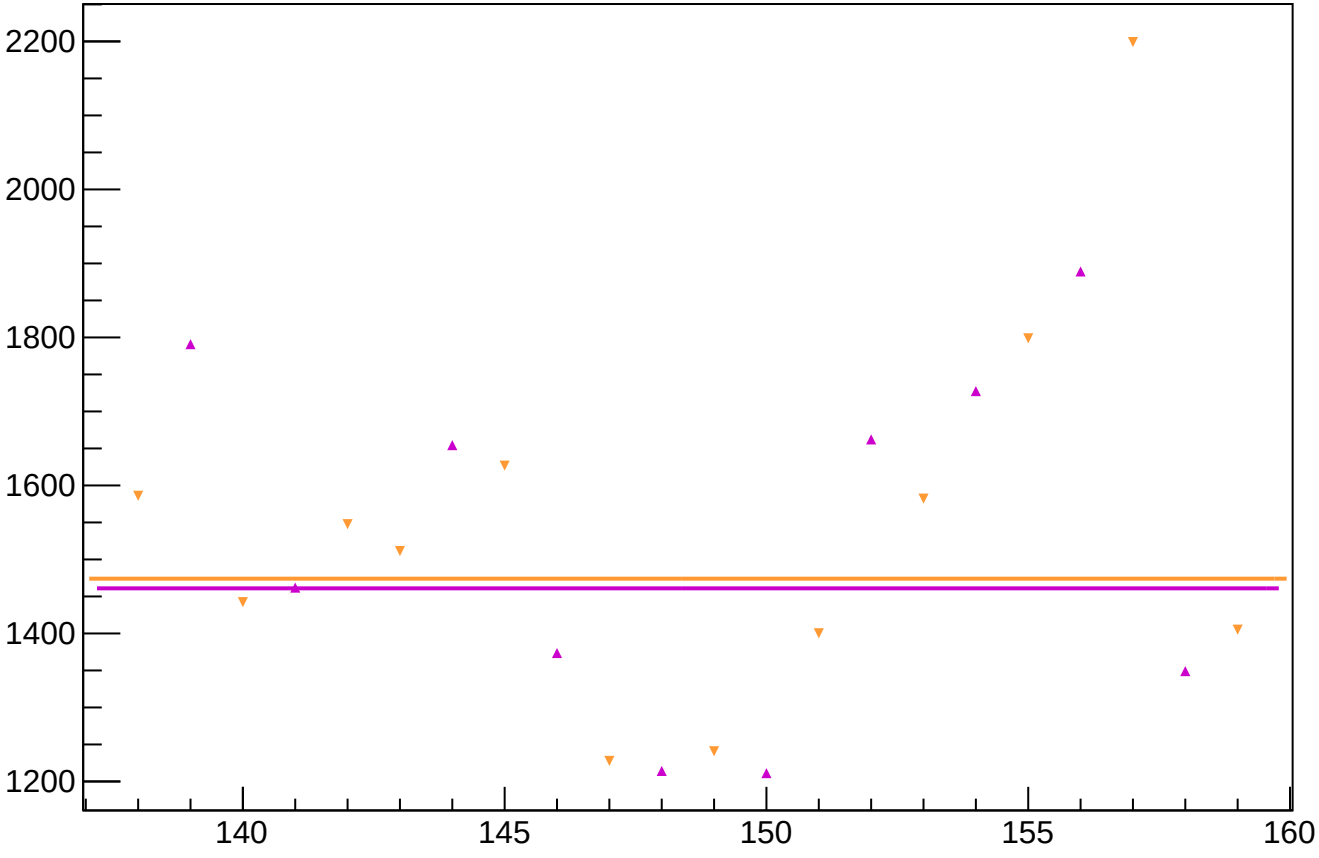
Left In: -154.634+/-515.014 χ^2/NDF:7.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 360.654+/-359.328 χ^2/NDF: 29.9/21

- 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: 1474.030+/-0.355 χ^2/NDF:366889.8/11

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

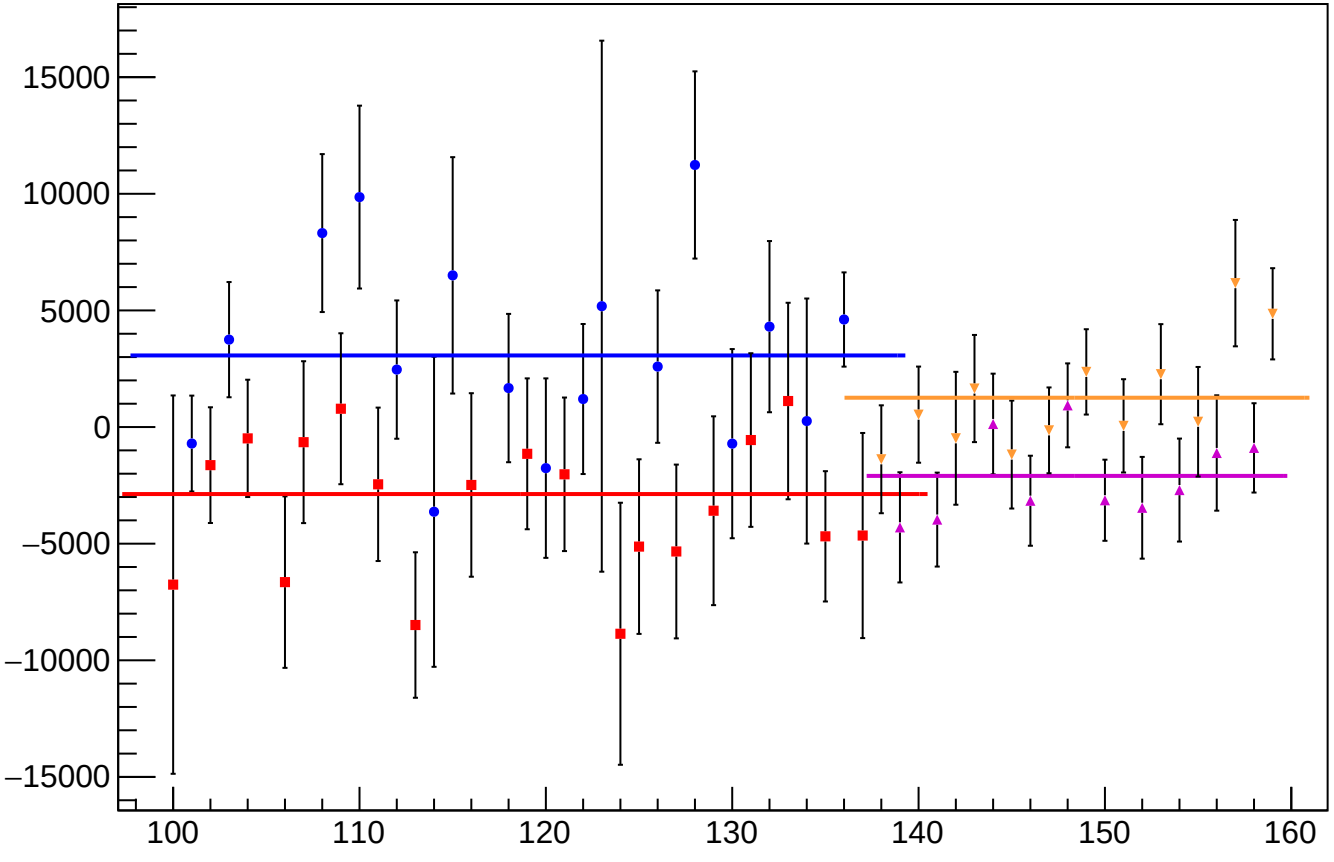
Left In: 1460.962+/-0.364 χ^2/NDF:379456.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1467.669+/-0.254 χ^2/NDF: 747007.2/21

- 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: 1257.056+/-624.655 χ^2/NDF:11.3/11

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

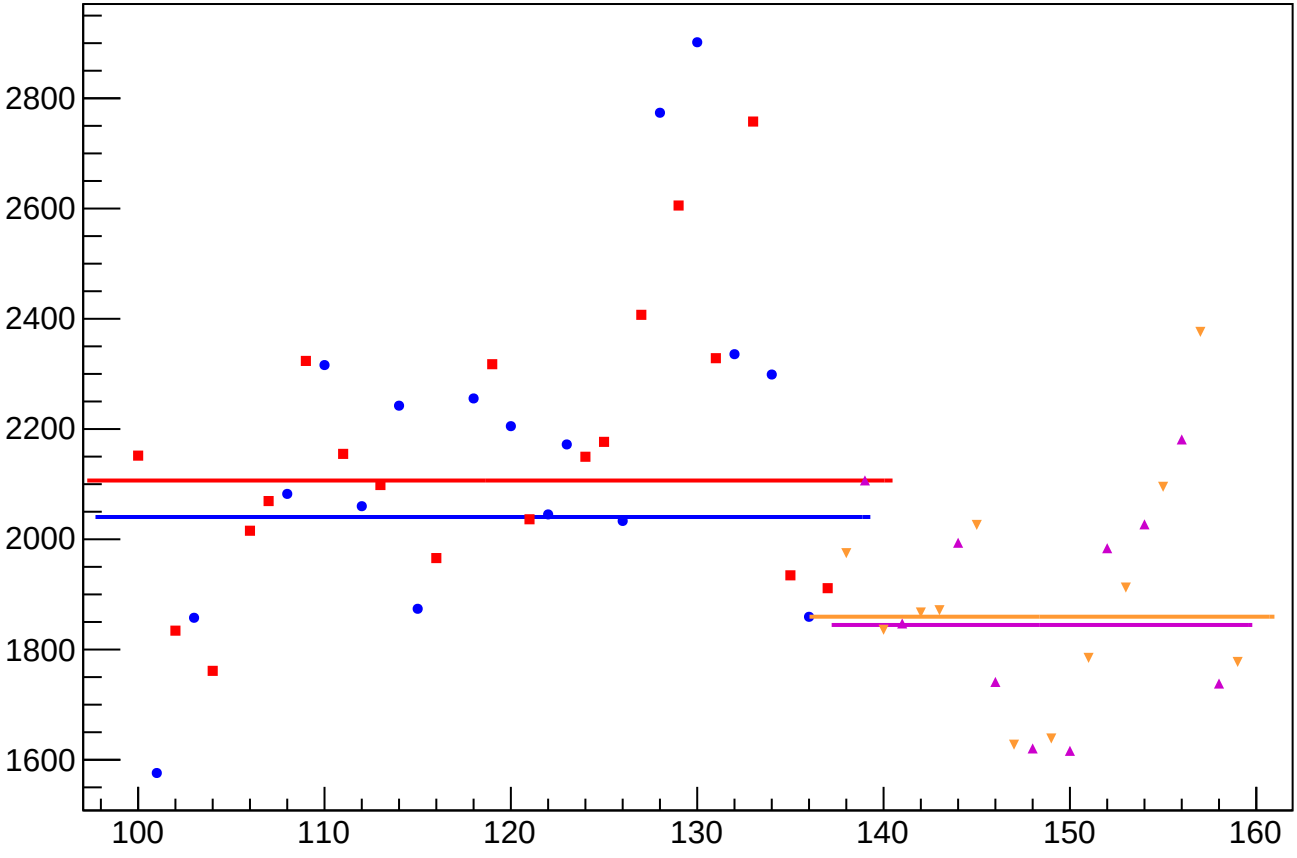
Left In: -2094.250+/-645.428 χ^2/NDF:7.3/9

+ sign 1945.941+/-491.818 χ^2/NDF: 33.1/28

All: -187.721+/-351.028 χ^2/NDF: 90.9/57

- sign -2403.306+/-501.171 χ^2/NDF: 19.5/28

asym_usr_rms vs Slug



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

Left Out: 1859.575+/-0.442 χ^2/NDF:177102.2/11

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

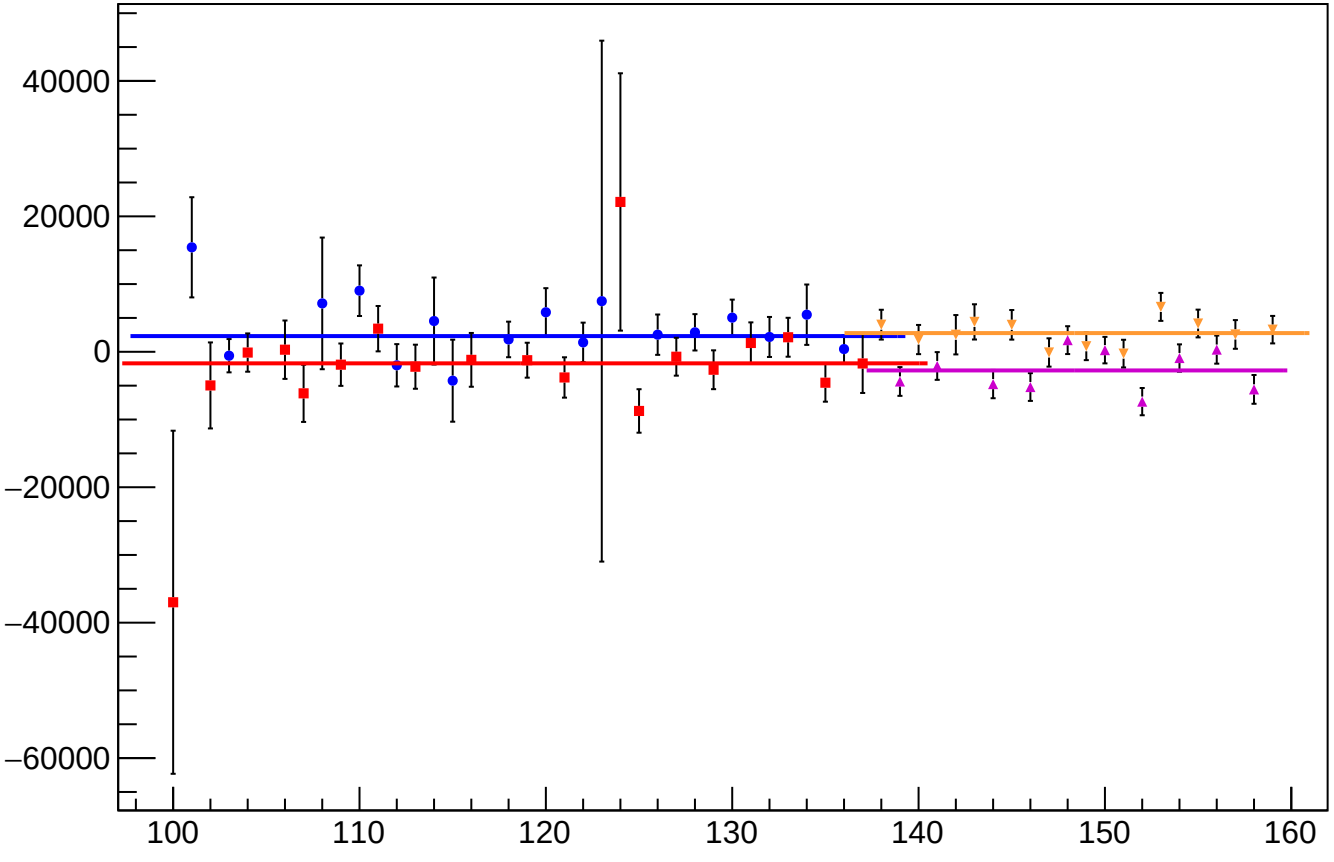
Left In: 1844.588+/-0.456 χ^2/NDF:170464.3/9

+ sign 1928.318+/-0.348 χ^2/NDF: 572167.3/28

All: 1938.283+/-0.248 χ^2/NDF: 1070610.5/57

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

dit_asym_at1_avg_mean vs Slug



Right In: 2319.038+/-801.440 χ^2/NDF: 14.8/16

Left Out: 2763.138+/-627.374 χ^2/NDF:10.3/11

Right Out: -1705.508+/-782.848 χ^2/NDF: 17.2/18

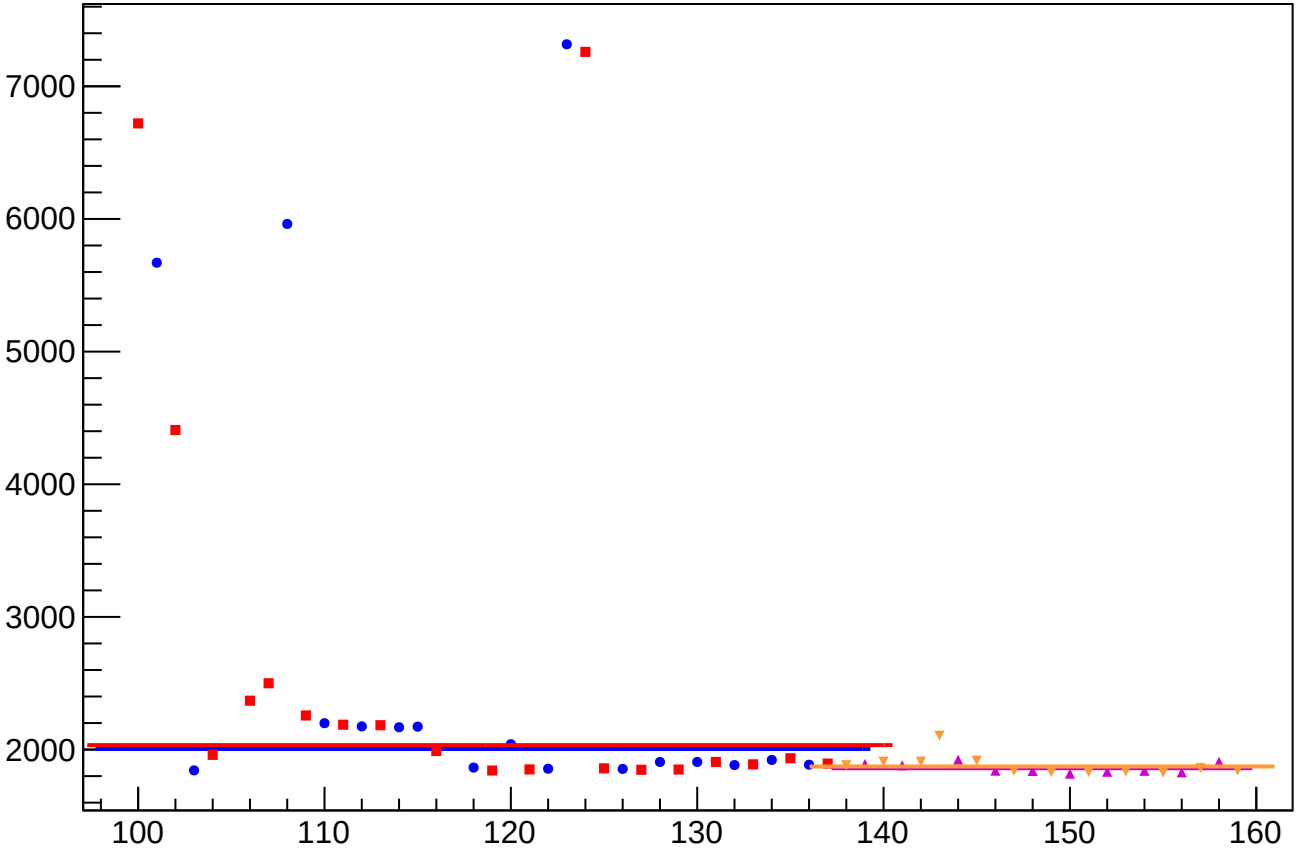
Left In: -2752.362+/-649.228 χ^2/NDF:20.1/9

+ sign 2594.399+/-494.012 χ^2/NDF: 25.3/28

All: 162.659+/-351.326 χ^2/NDF: 112.6/57

- sign -2325.768+/-499.737 χ^2/NDF: 38.4/28

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1872.548+/-0.444 χ^2/NDF:21996.4/11

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

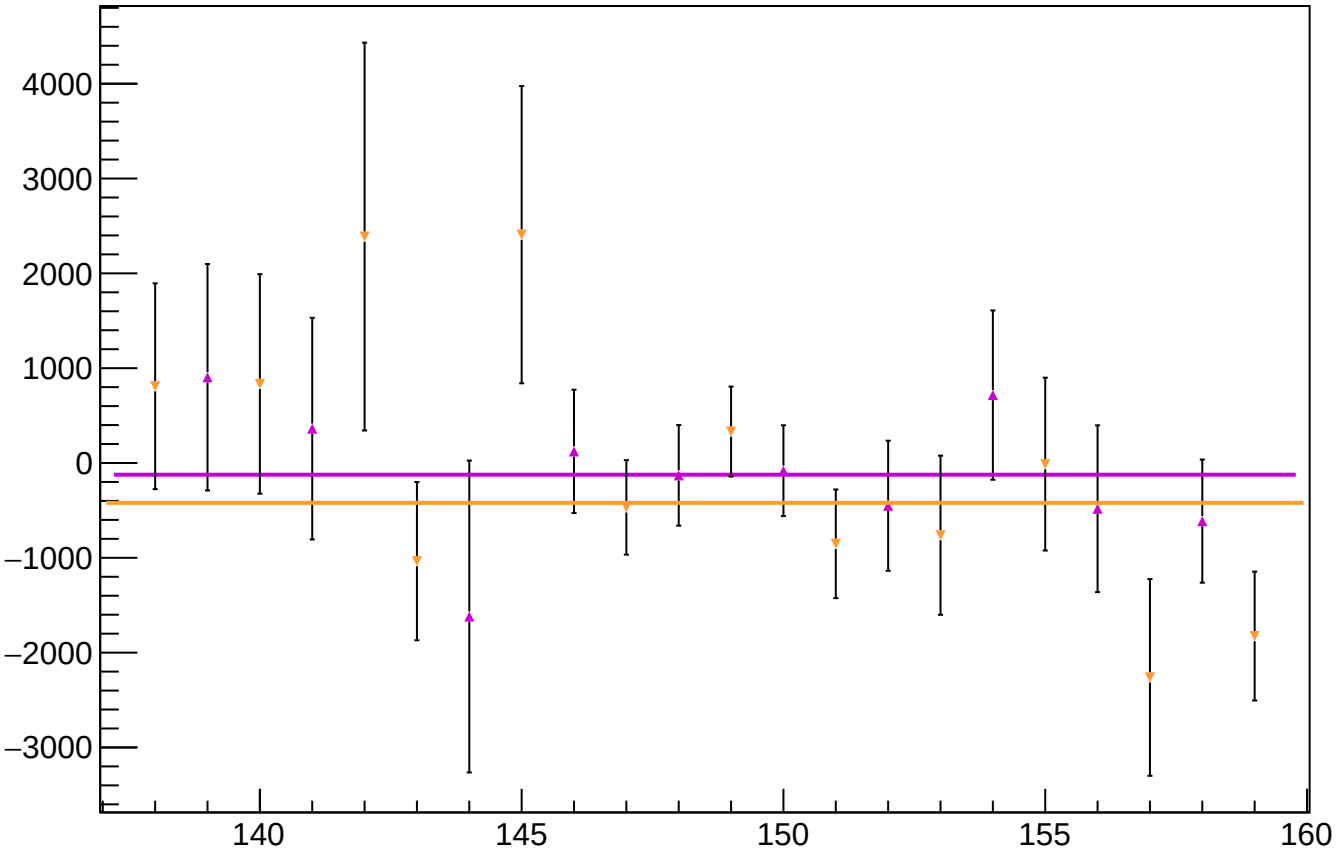
Left In: 1859.266+/-0.459 χ^2/NDF:5863.7/9

+ sign 1922.703+/-0.349 χ^2/NDF: 971651.1/28

All: 1926.440+/-0.248 χ^2/NDF: 1647448.5/57

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

asym_at1_avg_correction_mean vs Slug



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

Left Out: -420.297+/-218.720 χ^2/NDF:19.0/11

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

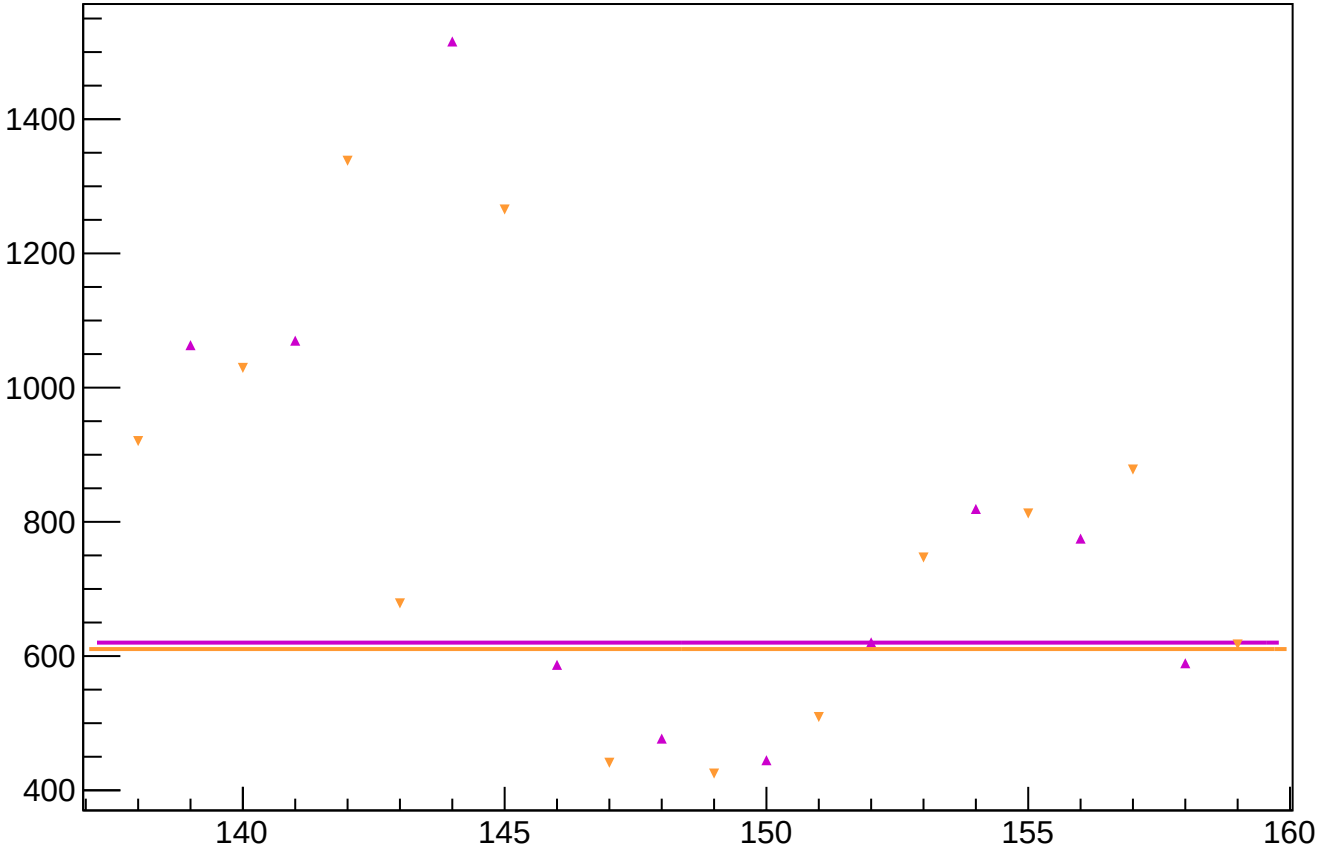
Left In: -123.571+/-228.665 χ^2/NDF:3.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -278.527+/-158.057 χ^2/NDF: 23.6/21

- 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: 610.454+/-0.155 χ^2/NDF:1923880.1/11

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

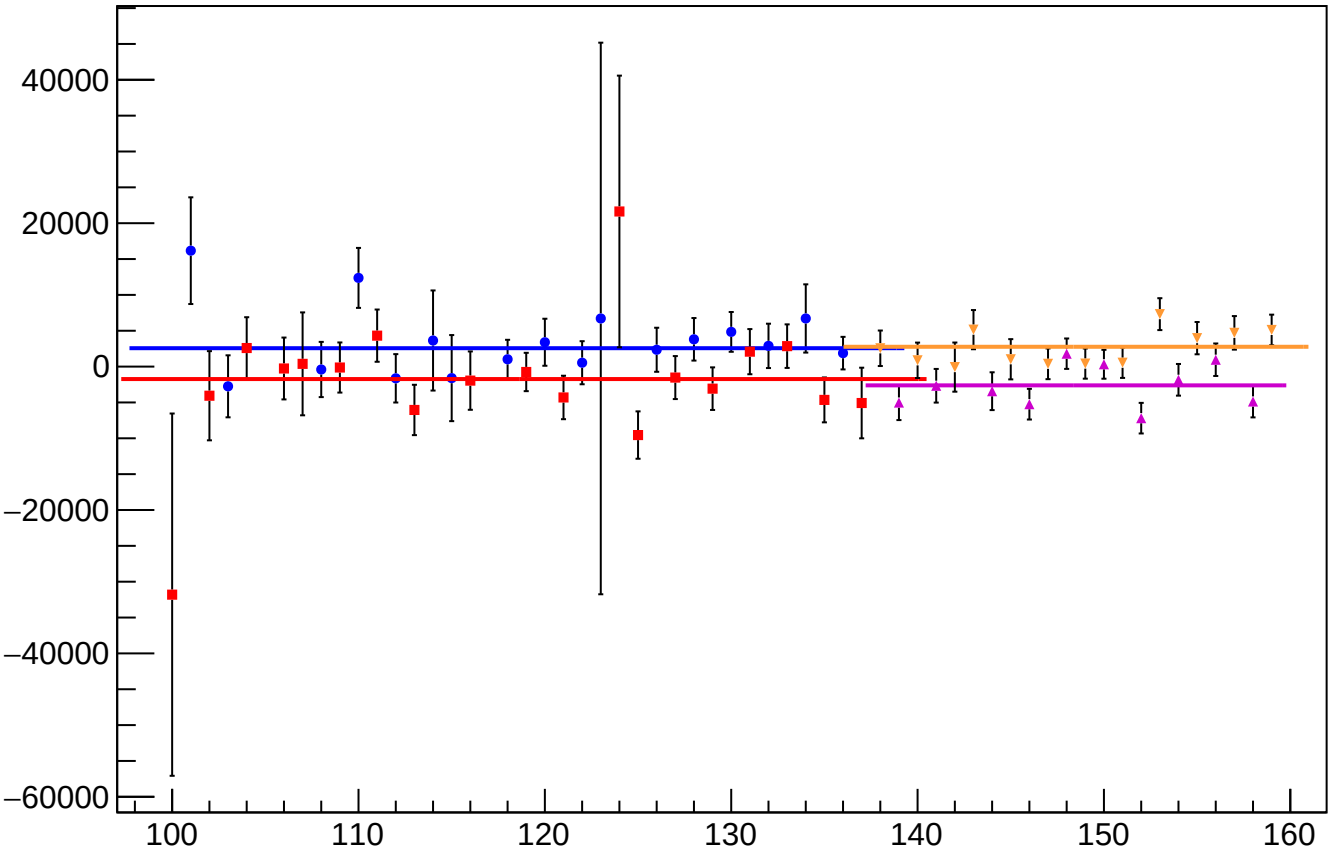
Left In: 620.046+/-0.162 χ^2/NDF:1749543.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 615.037+/-0.112 χ^2/NDF: 3675261.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2566.797+/-856.089 χ^2/NDF: 15.6/16

Left Out: 2764.420+/-683.471 χ^2/NDF:12.4/11

Right Out: -1737.684+/-853.181 χ^2/NDF: 20.5/18

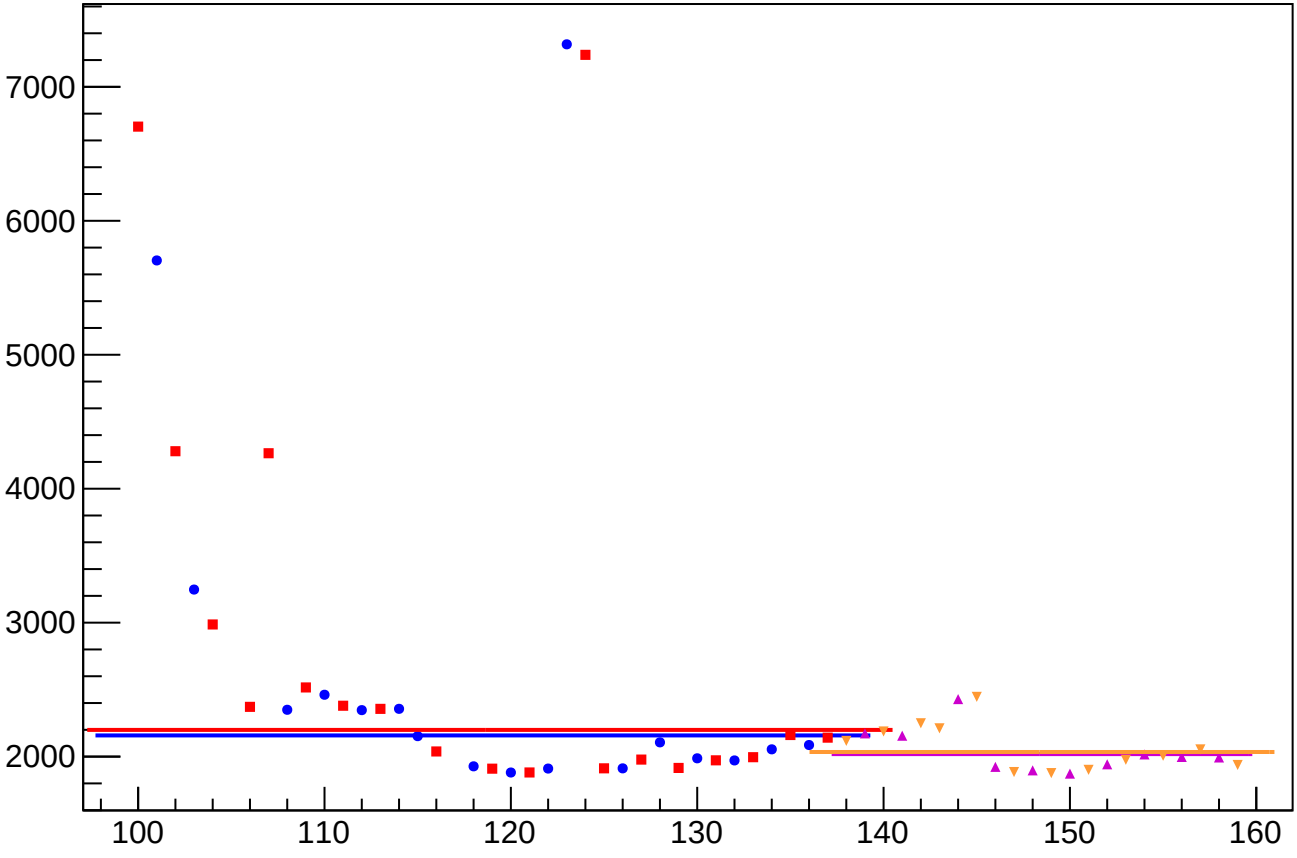
Left In: -2617.510+/-706.708 χ^2/NDF:17.3/9

+ sign 2687.491+/-534.127 χ^2/NDF: 28.0/28

All: 260.422+/-381.213 χ^2/NDF: 108.5/57

- sign -2259.491+/-544.247 χ^2/NDF: 38.4/28

asym_at1_avg_rms vs Slug



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

Left Out: 2034.491+/-0.483 χ^2/NDF:103990.4/11

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

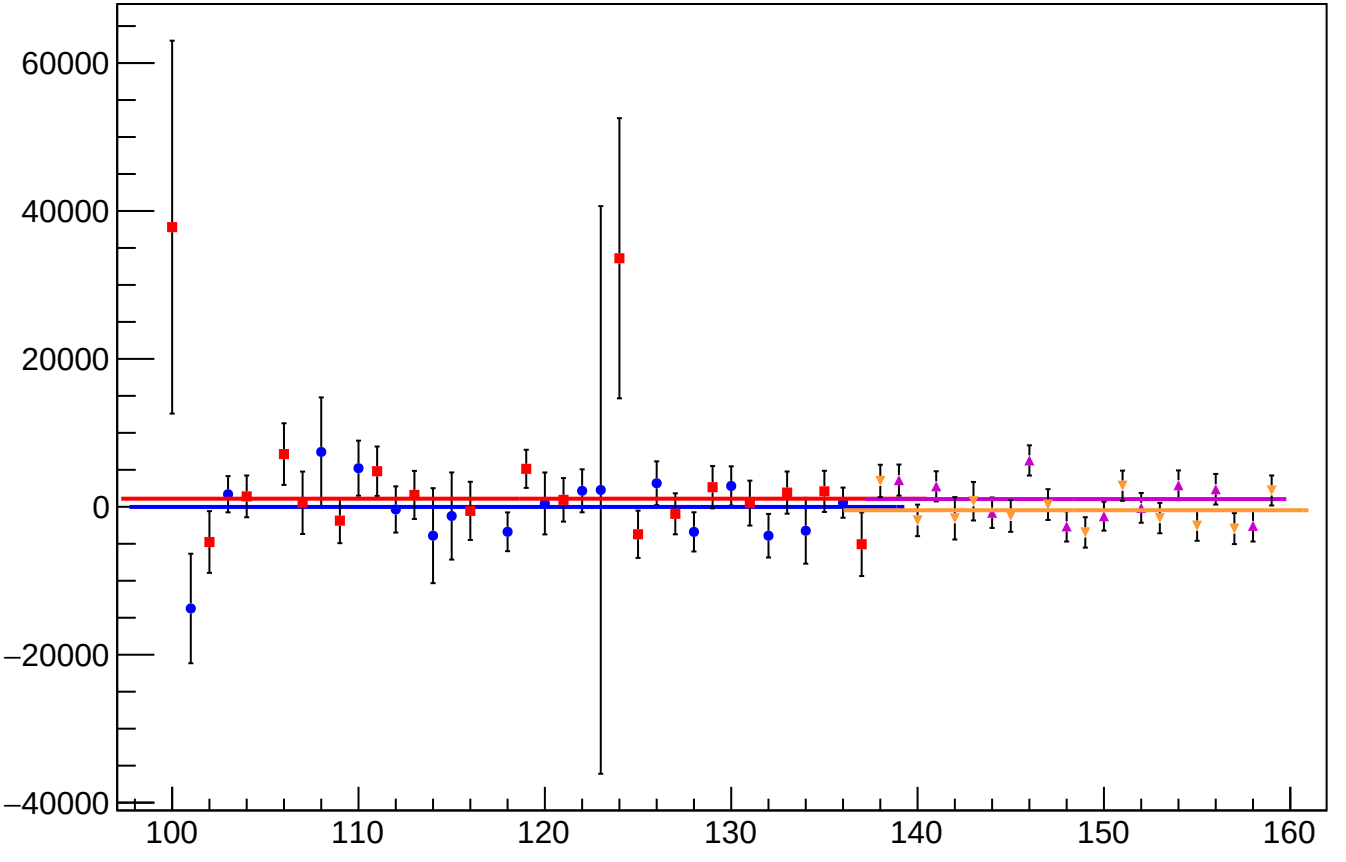
Left In: 2018.680+/-0.500 χ^2/NDF:87313.8/9

+ sign 2082.627+/-0.378 χ^2/NDF: 843337.2/28

All: 2087.322+/-0.270 χ^2/NDF: 1787174.5/57

- sign 2092.196+/-0.385 χ^2/NDF: 943522.4/28

dit_asym_at1_dd_mean vs Slug



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

Left Out: -463.078+/-623.981 χ^2/NDF:13.5/11

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

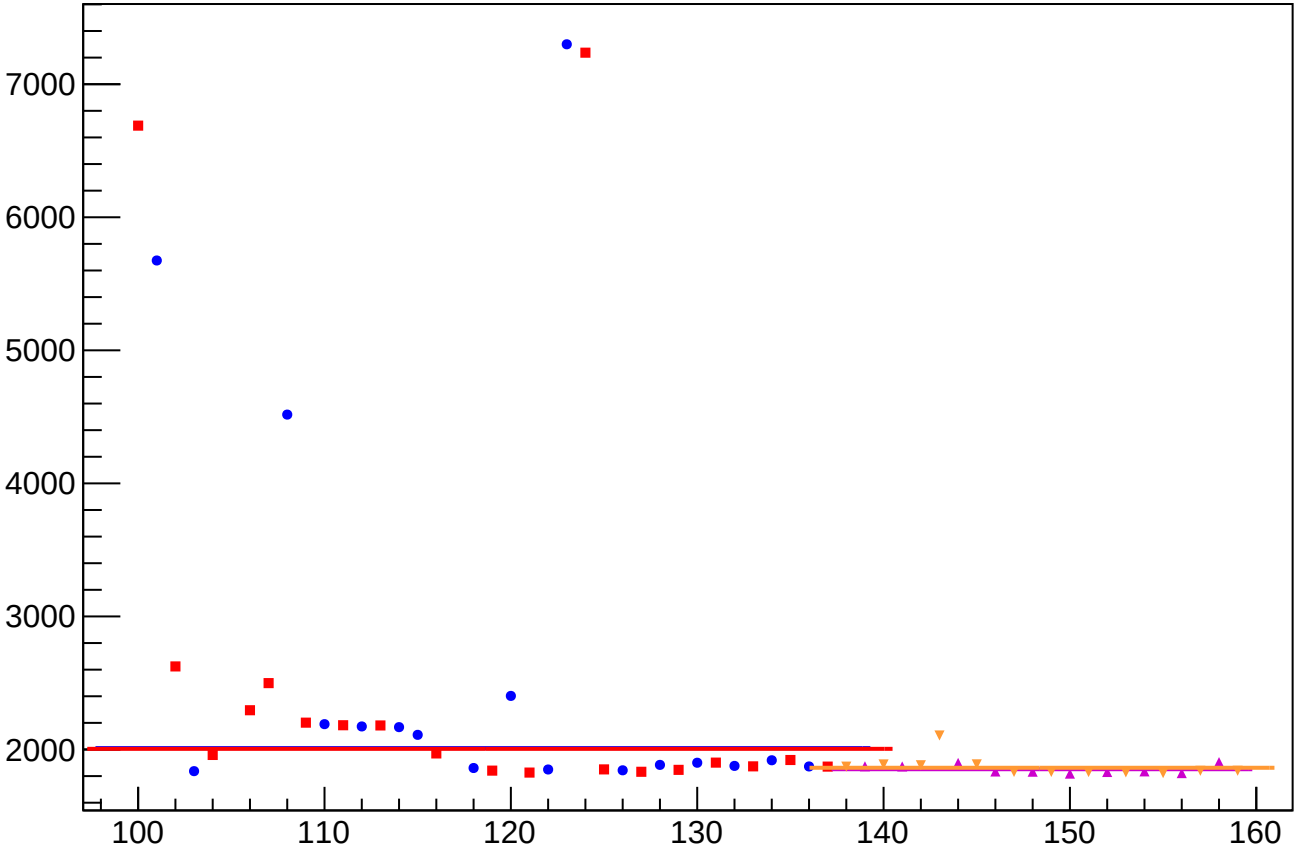
Left In: 1045.101+/-646.527 χ^2/NDF:18.7/9

+ sign -295.198+/-492.343 χ^2/NDF: 29.6/28

All: 381.614+/-349.096 χ^2/NDF: 71.5/57

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

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1862.545+/-0.441 χ^2/NDF:21326.8/11

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

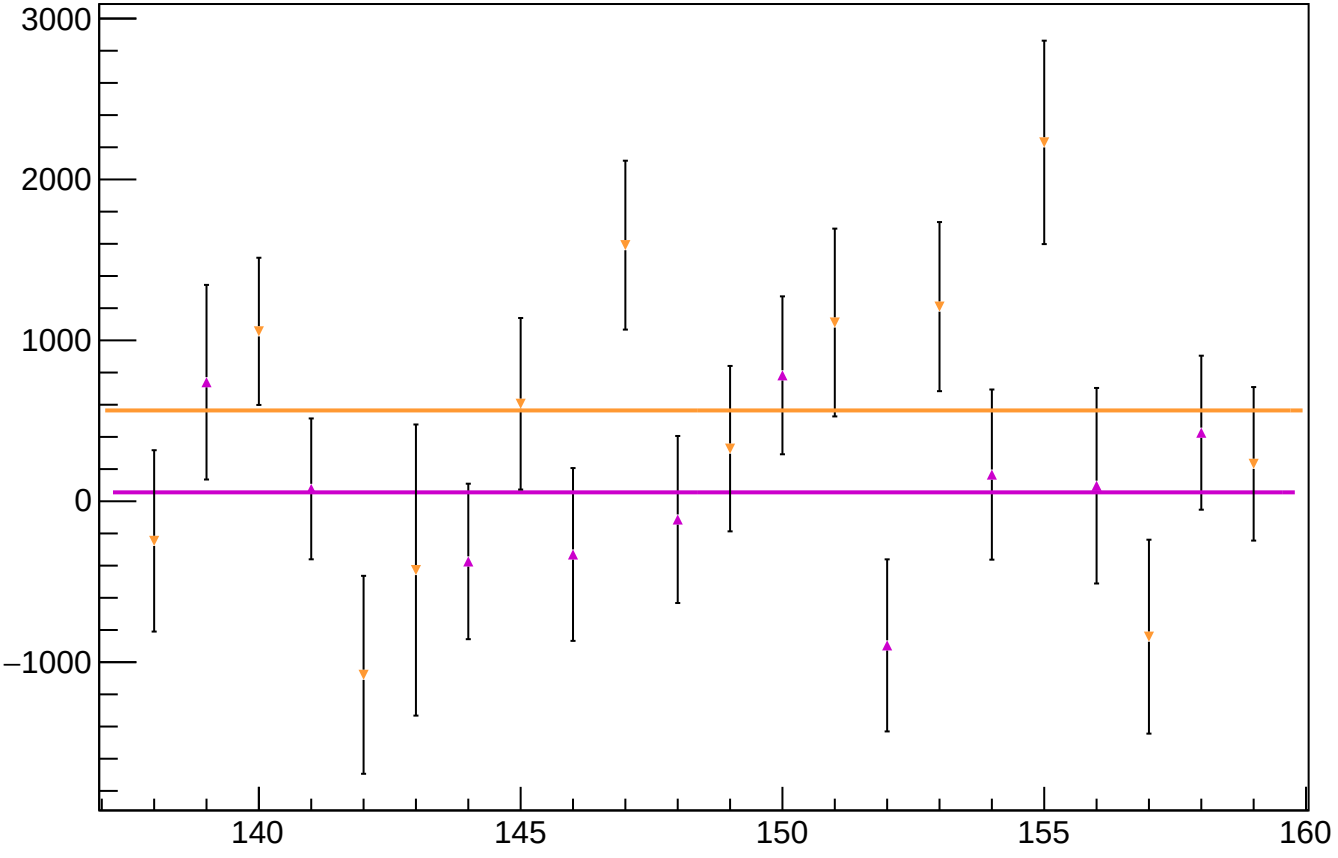
Left In: 1851.655+/-0.457 χ^2/NDF:4367.5/9

+ sign 1918.301+/-0.348 χ^2/NDF: 903383.1/28

All: 1916.680+/-0.247 χ^2/NDF: 1321778.0/57

- sign 1915.040+/-0.350 χ^2/NDF: 418351.3/28

asym_at1_dd_correction_mean vs Slug



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

Left Out: 564.511+/-160.264 χ^2/NDF:30.9/11

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

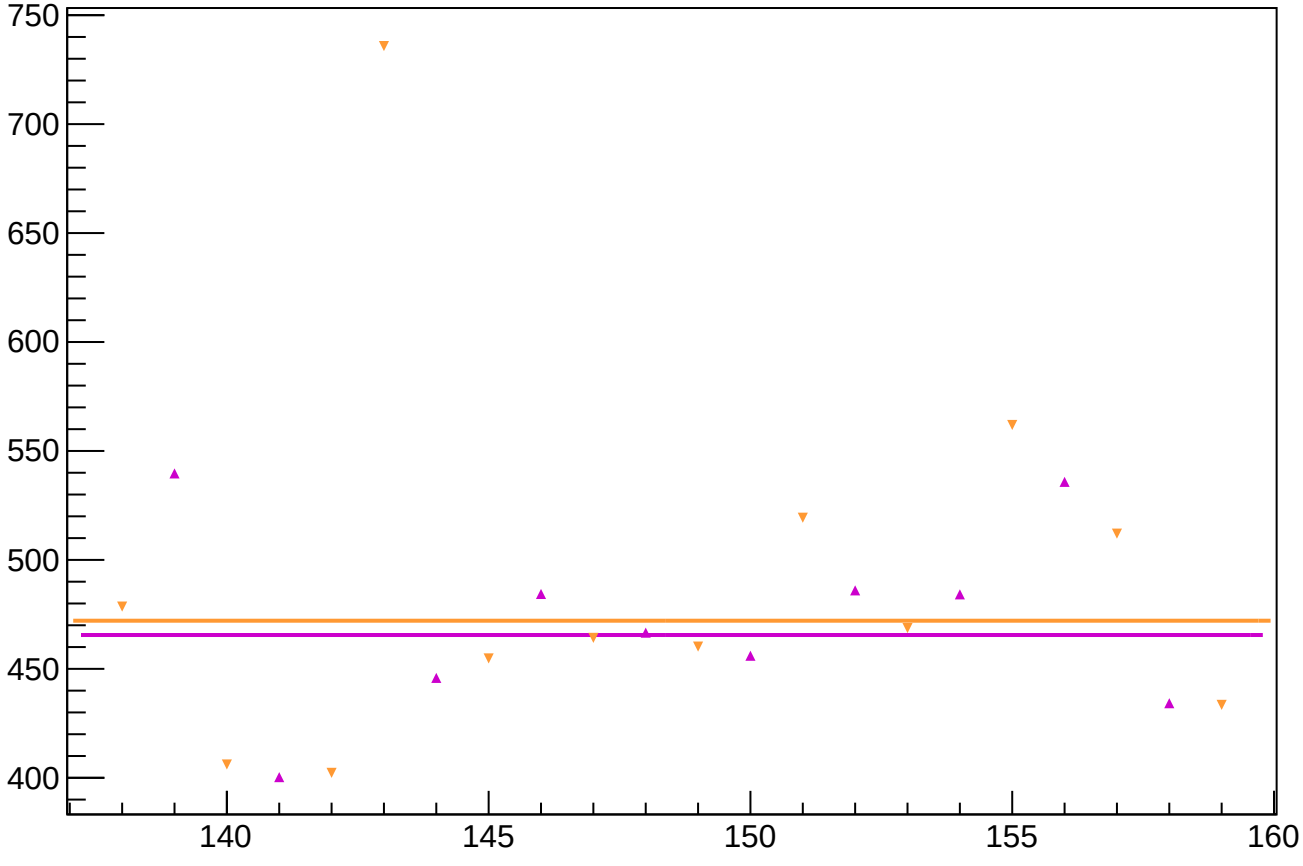
Left In: 55.439+/-162.827 χ^2/NDF:8.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 314.014+/-114.219 χ^2/NDF: 44.5/21

- 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: 472.097+/-0.113 χ^2/NDF:316736.4/11

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

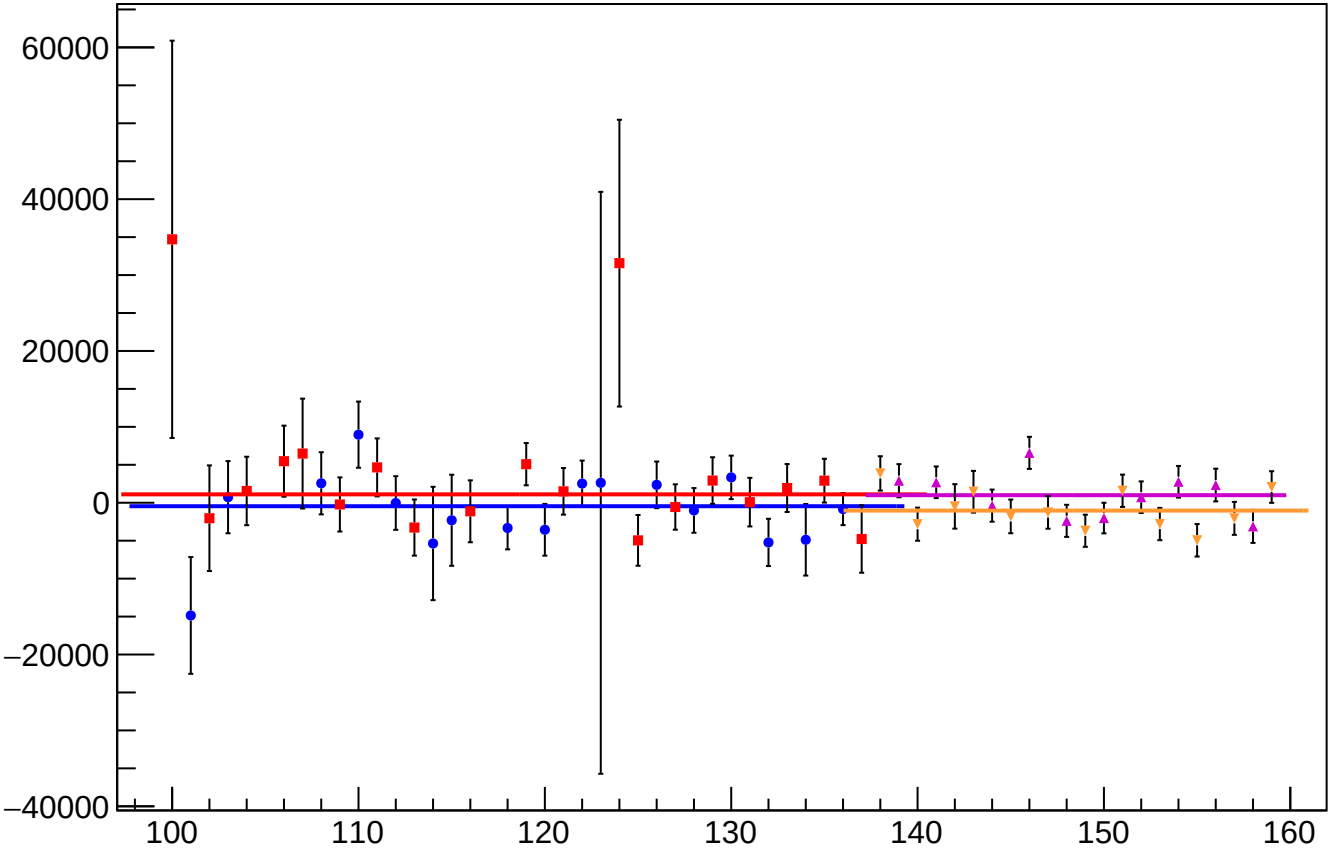
Left In: 465.535+/-0.115 χ^2/NDF:121769.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 468.868+/-0.081 χ^2/NDF: 440156.0/21

- 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: -1032.456+/-645.739 χ^2/NDF:15.9/11

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

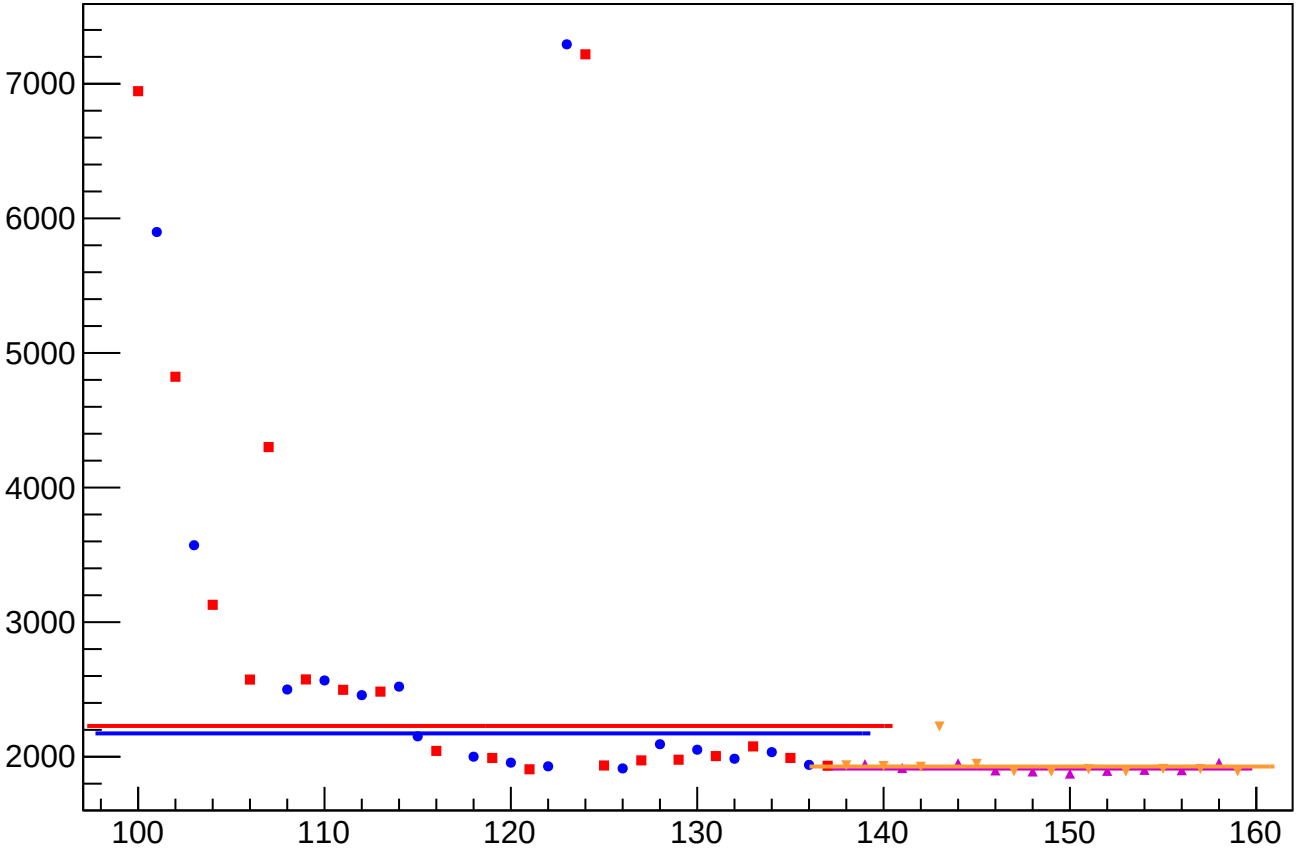
Left In: 995.688+/-667.590 χ^2/NDF:18.3/9

+ sign -827.039+/-517.487 χ^2/NDF: 34.2/28

All: 84.062+/-369.918 χ^2/NDF: 75.8/57

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

asym_at1_dd_rms vs Slug



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

Left Out: 1927.494+/-0.457 χ^2/NDF:26517.9/11

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

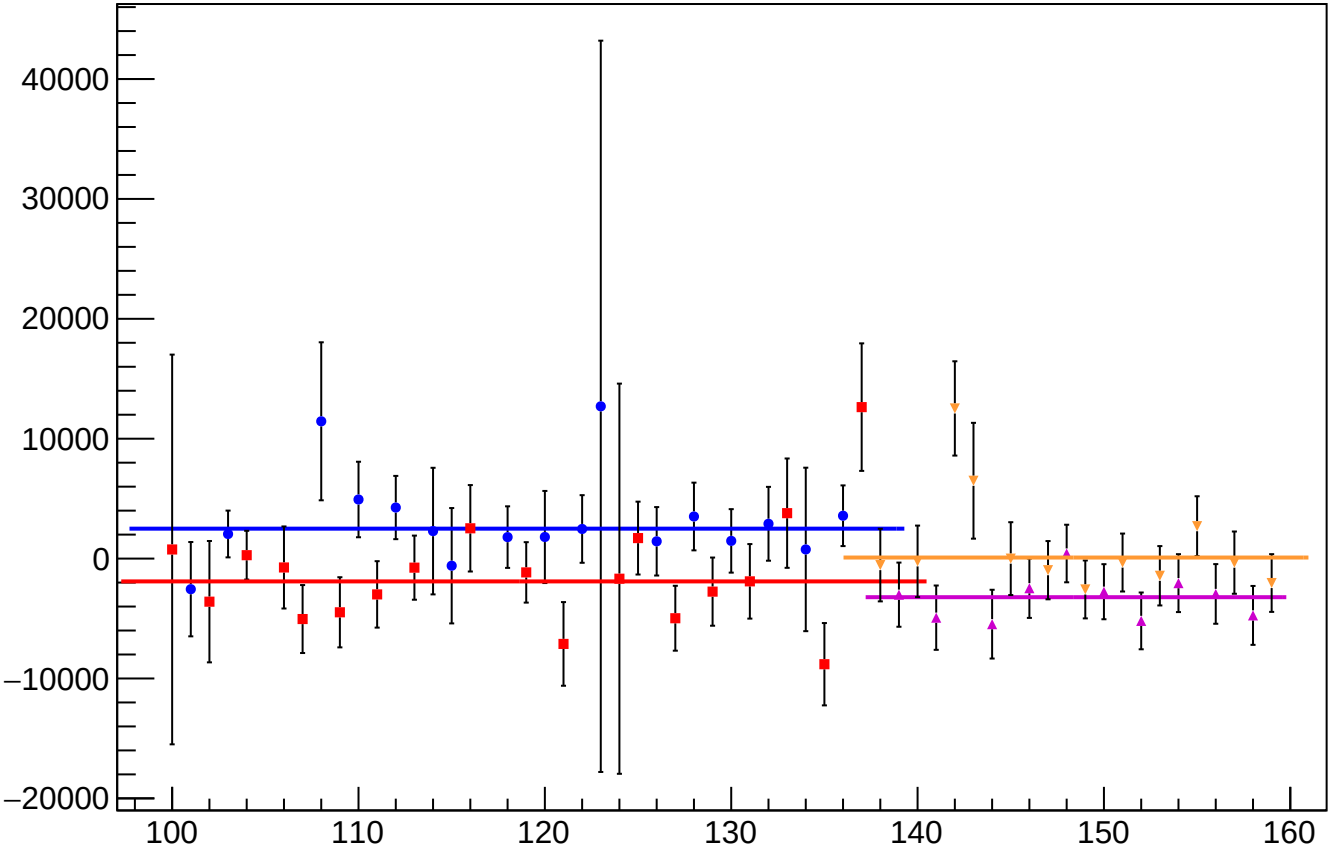
Left In: 1912.279+/-0.472 χ^2/NDF:3197.5/9

+ sign 2015.520+/-0.366 χ^2/NDF: 935756.7/28

All: 2022.650+/-0.262 χ^2/NDF: 2002996.4/57

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

dit_asym_at2_avg_mean vs Slug



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

Left Out: 87.884+/-792.052 χ^2/NDF:15.5/11

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

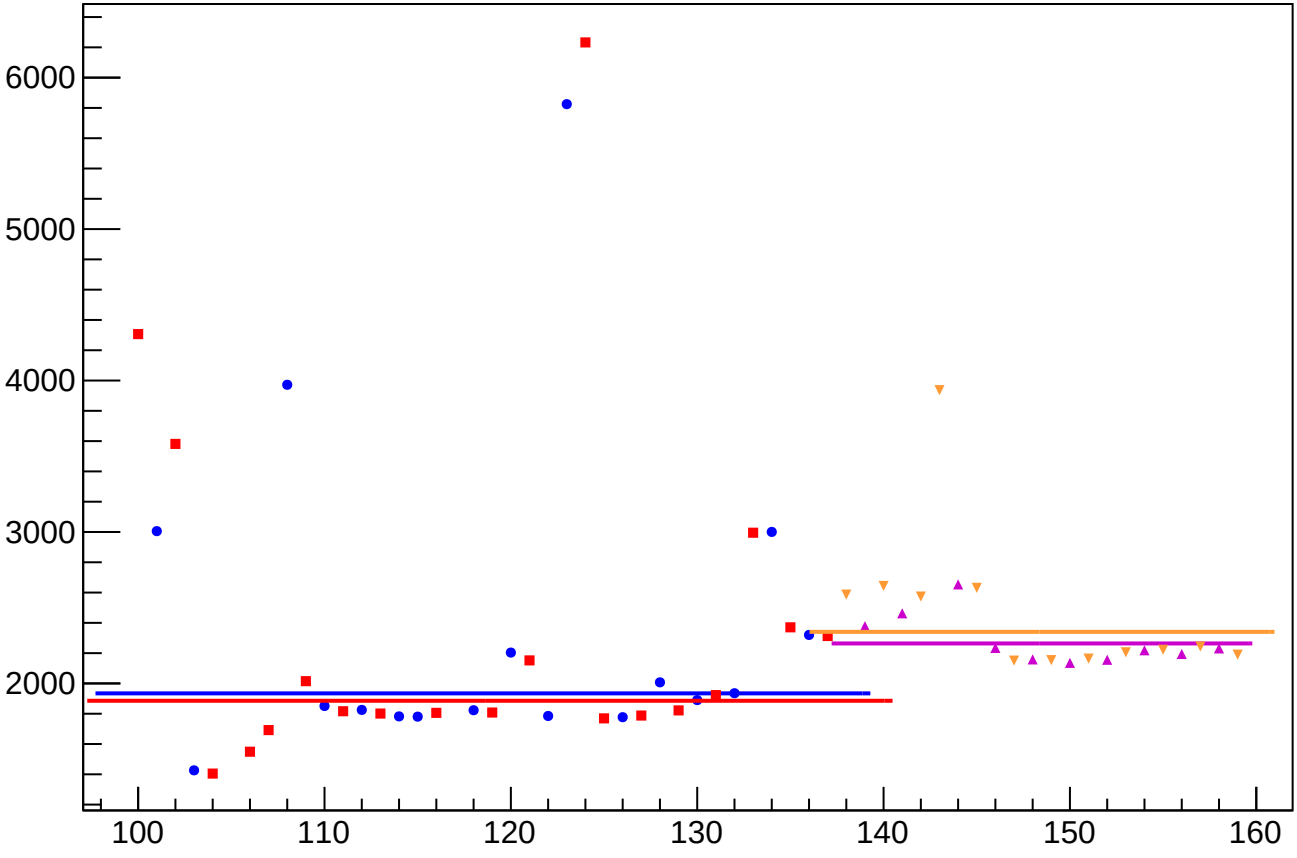
Left In: -3219.845+/-789.783 χ^2/NDF:4.8/9

+ sign 1328.913+/-551.474 χ^2/NDF: 26.2/28

All: -638.279+/-385.374 χ^2/NDF: 80.8/57

- sign -2515.751+/-538.751 χ^2/NDF: 29.7/28

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2340.671+/-0.560 χ^2/NDF:333329.2/11

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

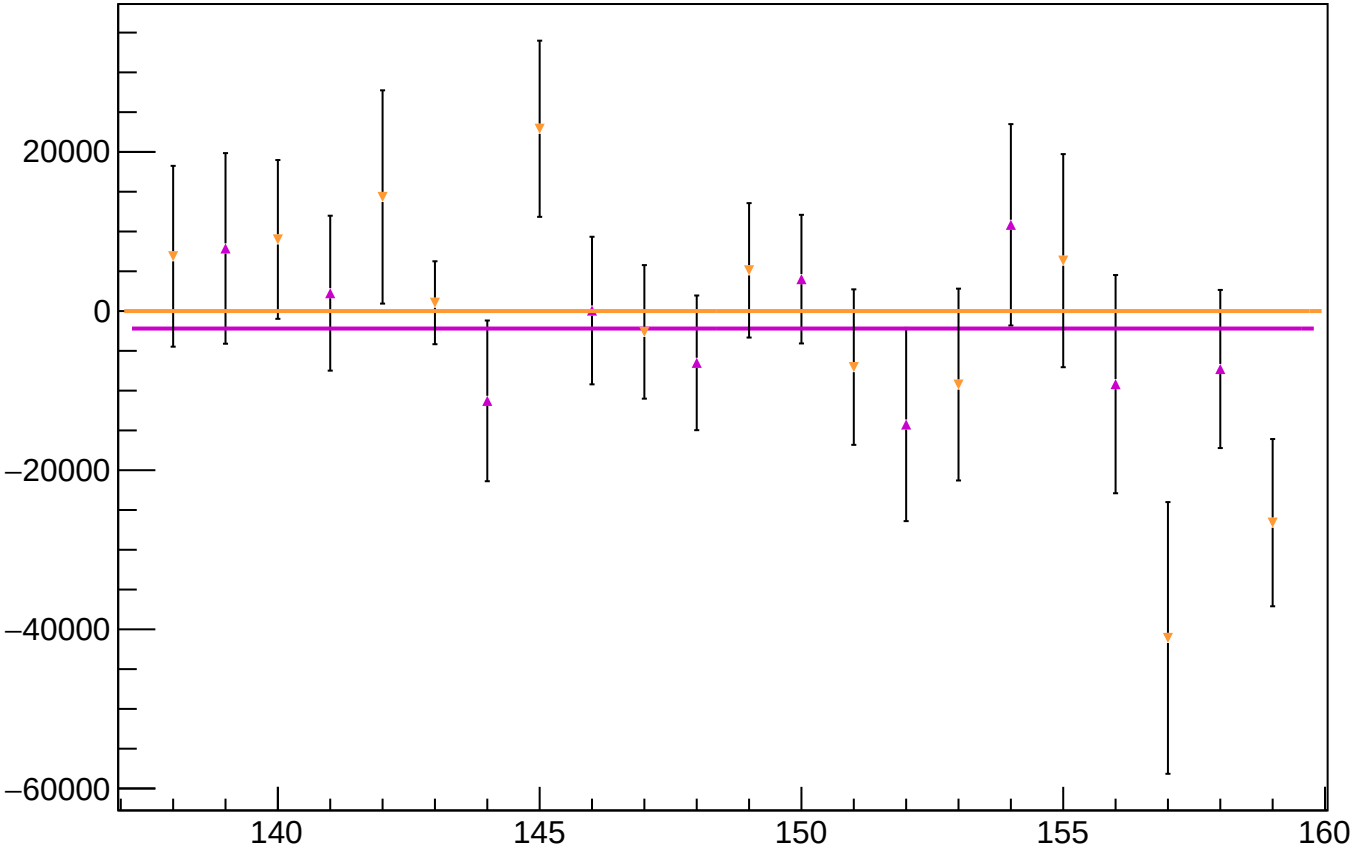
Left In: 2264.028+/-0.558 χ^2/NDF:68715.6/9

+ sign 2131.353+/-0.390 χ^2/NDF: 1243356.6/28

All: 2095.675+/-0.272 χ^2/NDF: 2326141.8/57

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

asym_at2_avg_correction_mean vs Slug



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

Left Out: 0.894+/-2753.041 χ^2/NDF:20.6/11

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

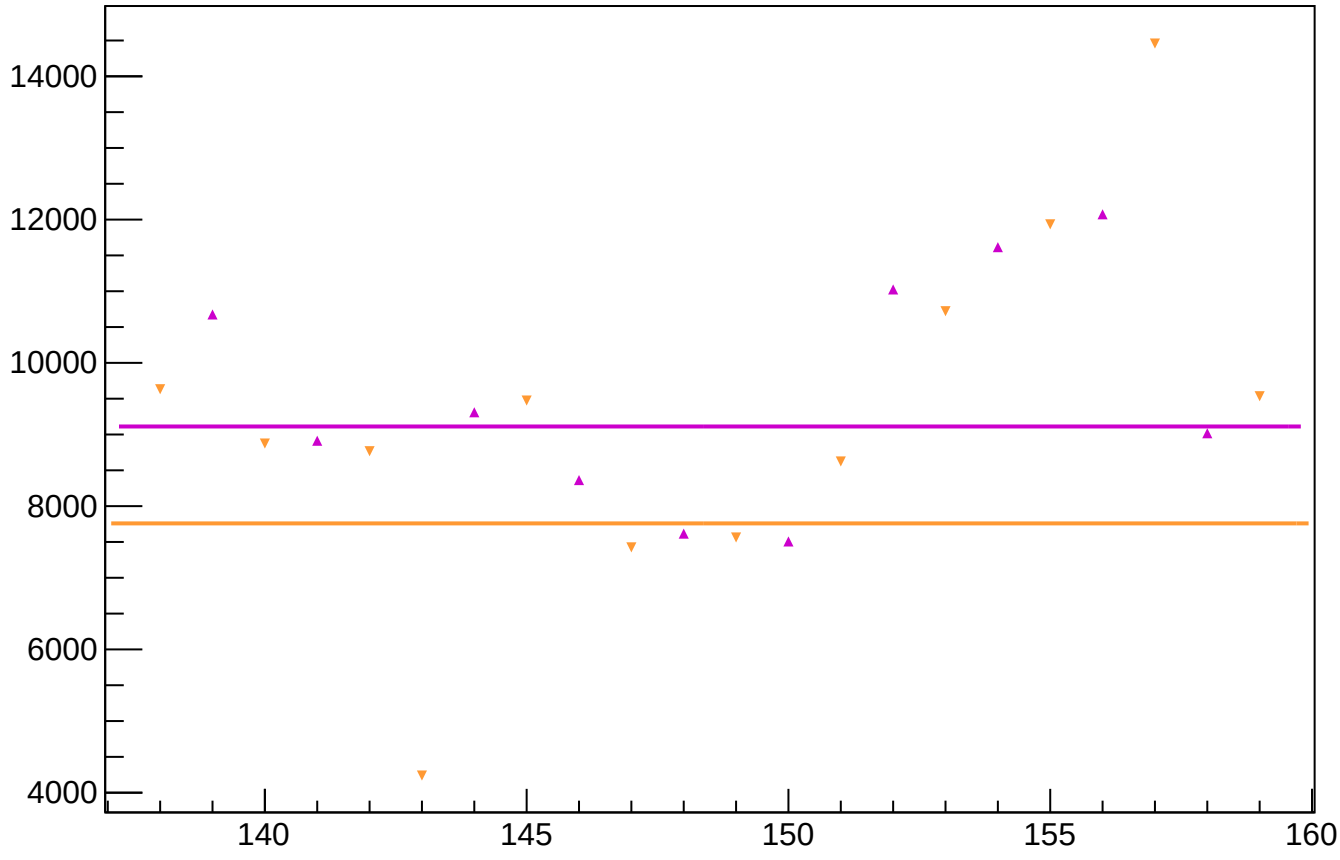
Left In: -2196.055+/-3215.928 χ^2/NDF:5.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -928.228+/-2091.379 χ^2/NDF: 26.1/21

- 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: 7759.089+/-1.947 χ^2/NDF:1750411.4/11

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

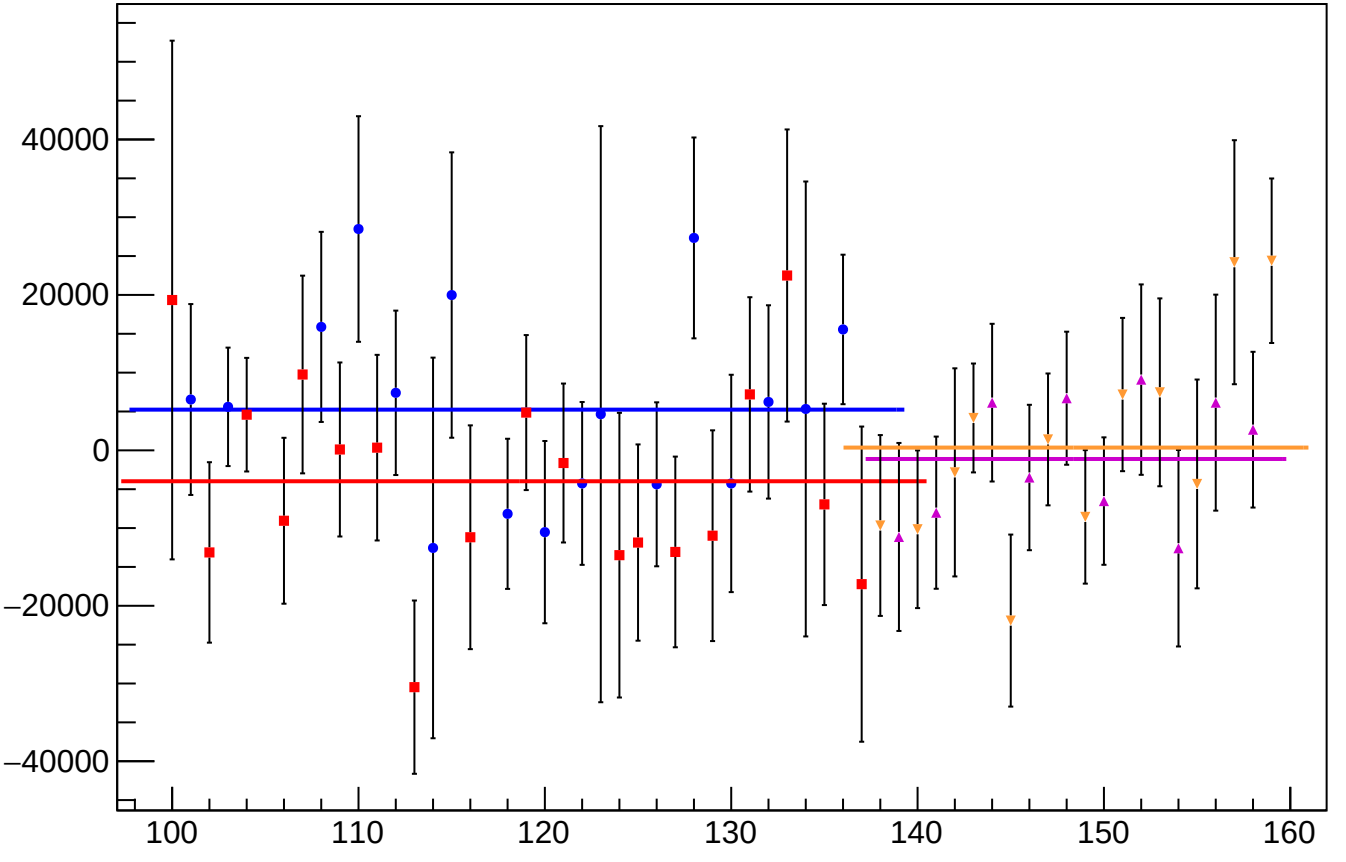
Left In: 9112.007+/-2.274 χ^2/NDF:411403.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8331.258+/-1.479 χ^2/NDF: 2366083.0/21

- 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: 356.703+/-2957.628 χ^2/NDF:15.7/11

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

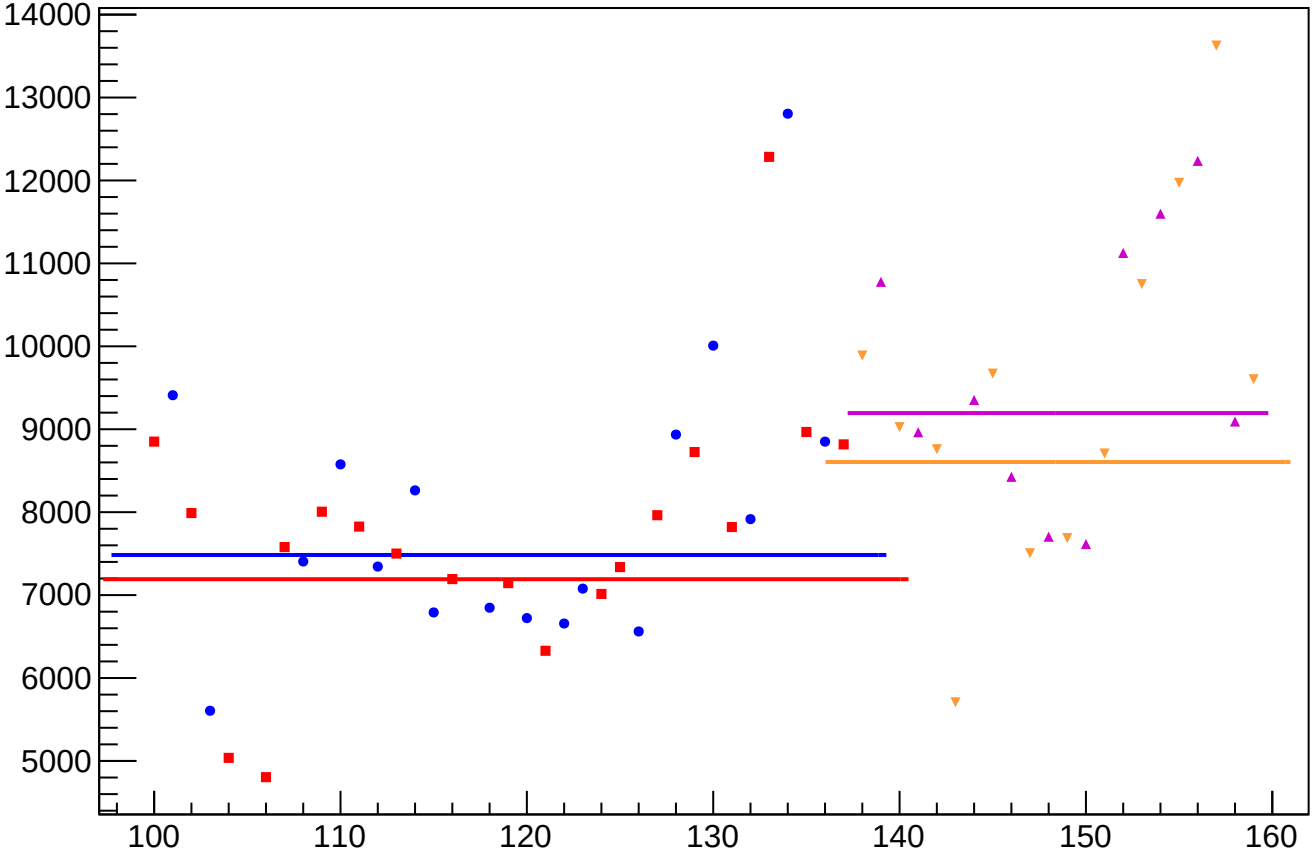
Left In: -1111.051+/-3244.567 χ^2/NDF:5.0/9

+ sign 2807.108+/-2087.294 χ^2/NDF: 31.6/28

All: 62.096+/-1485.855 χ^2/NDF: 56.1/57

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

asym_at2_avg_rms vs Slug



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

Left Out: 8605.005+/-2.091 χ^2/NDF:856455.2/11

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

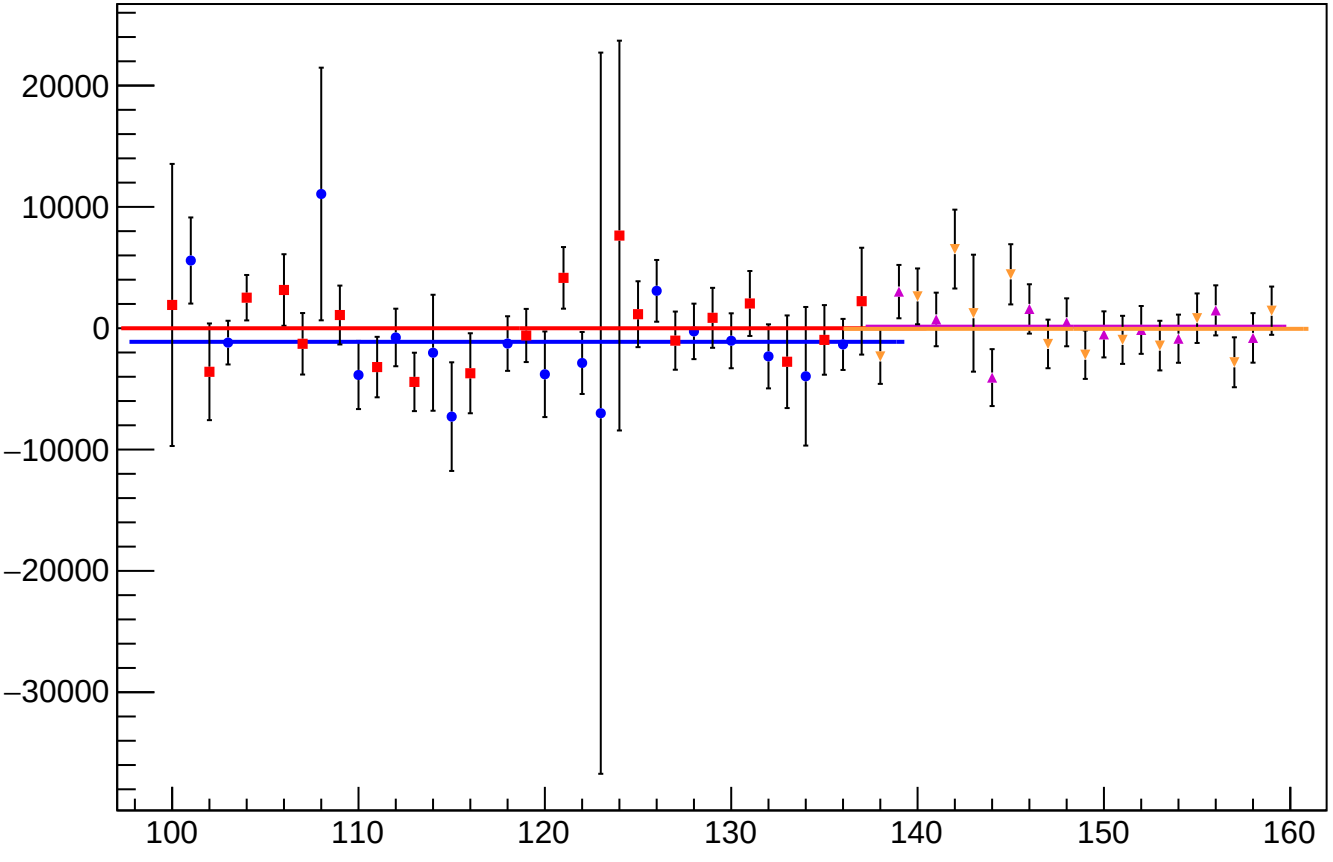
Left In: 9194.840+/-2.294 χ^2/NDF:402244.5/9

+ sign 8042.204+/-1.476 χ^2/NDF: 1432535.6/28

All: 8042.651+/-1.051 χ^2/NDF: 2831894.9/57

- sign 8043.110+/-1.496 χ^2/NDF: 1399359.1/28

dit_asym_at2_dd_mean vs Slug



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

Left Out: -49.873+/-644.526 χ^2/NDF:14.5/11

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

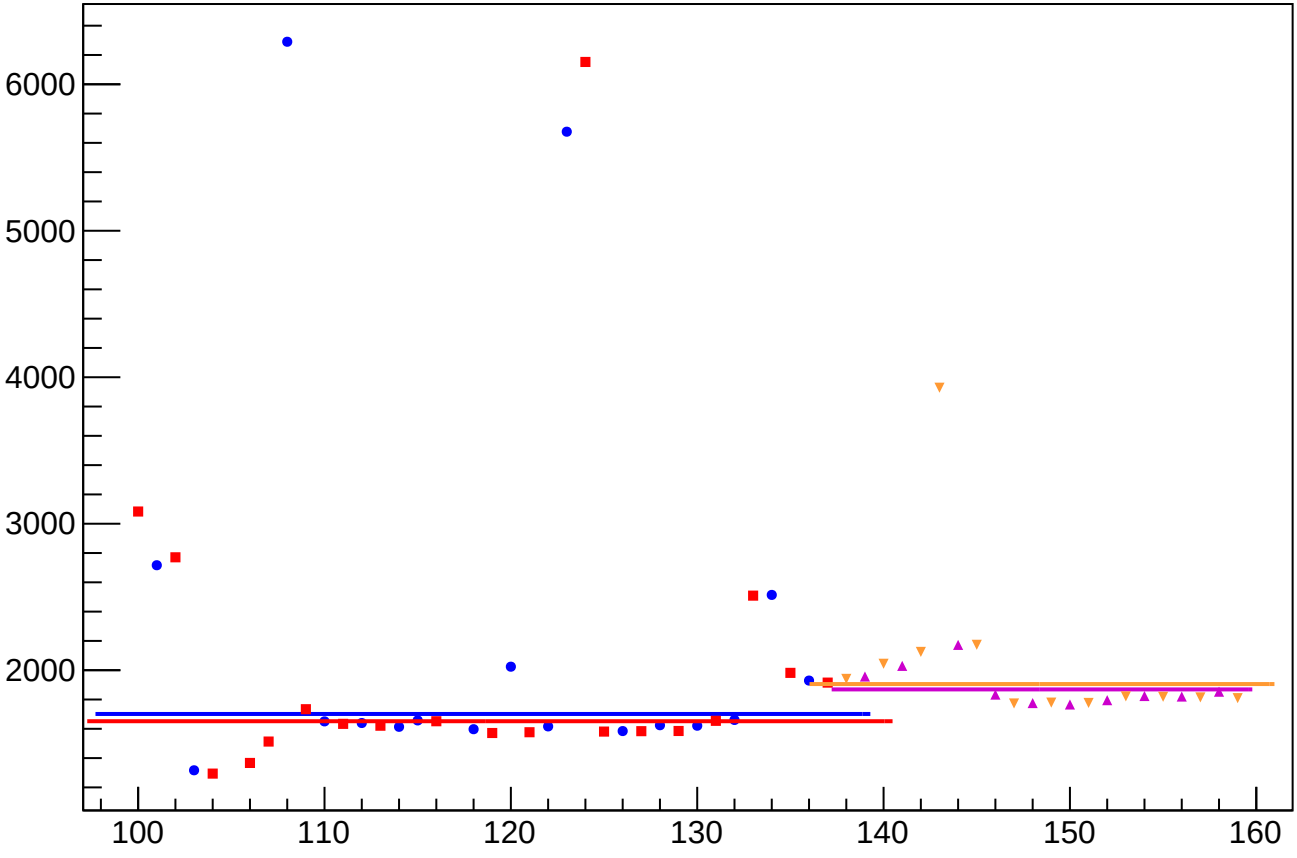
Left In: 127.420+/-651.634 χ^2/NDF:6.6/9

+ sign -557.190+/-467.514 χ^2/NDF: 28.1/28

All: -240.592+/-326.615 χ^2/NDF: 51.1/57

- sign 61.250+/-456.489 χ^2/NDF: 22.1/28

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1905.458+/-0.456 χ^2/NDF:433280.4/11

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

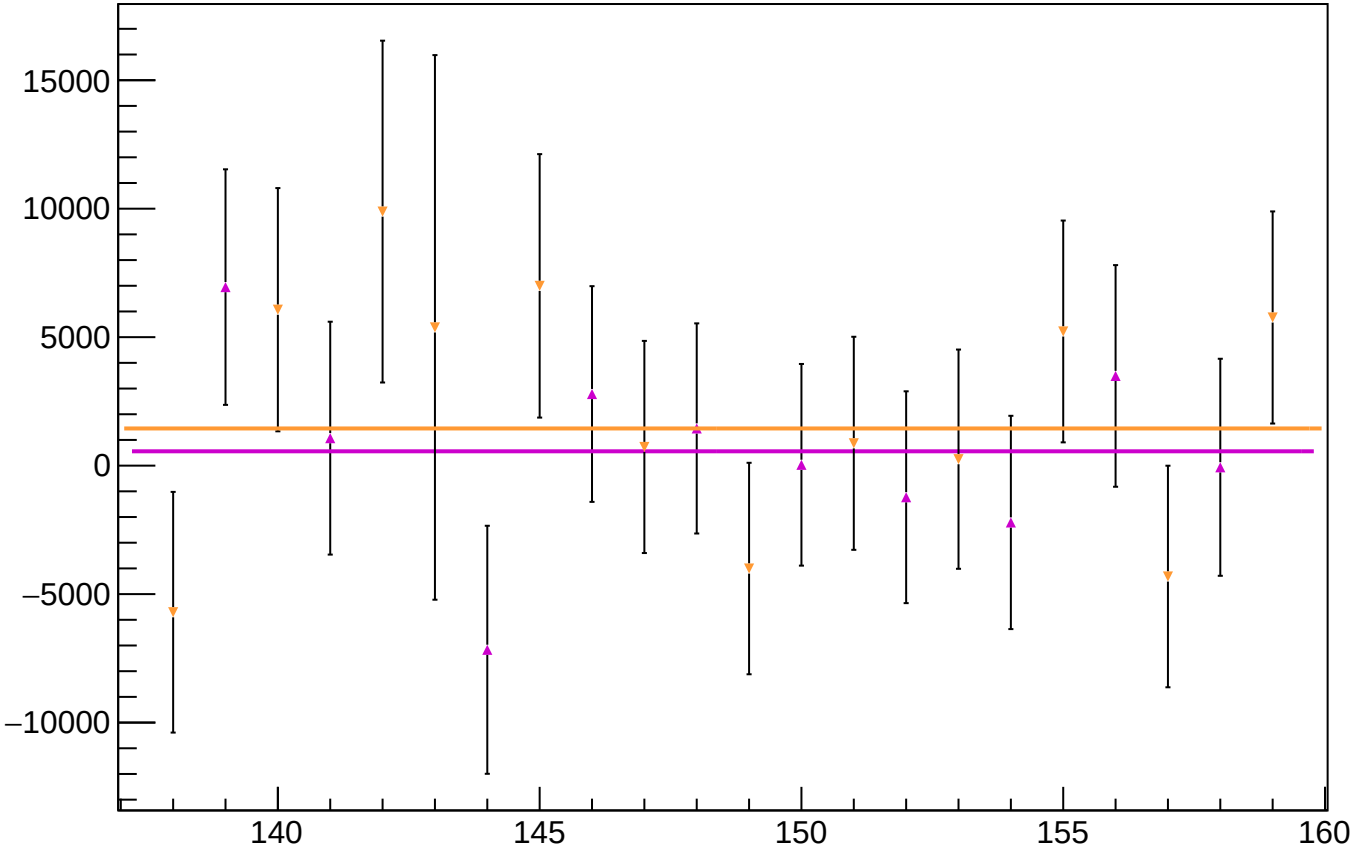
Left In: 1868.877+/-0.461 χ^2/NDF:63378.6/9

+ sign 1808.709+/-0.331 χ^2/NDF: 1307103.0/28

All: 1782.900+/-0.231 χ^2/NDF: 2084326.7/57

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

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1446.661+/-1340.161 χ^2/NDF:11.7/11

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

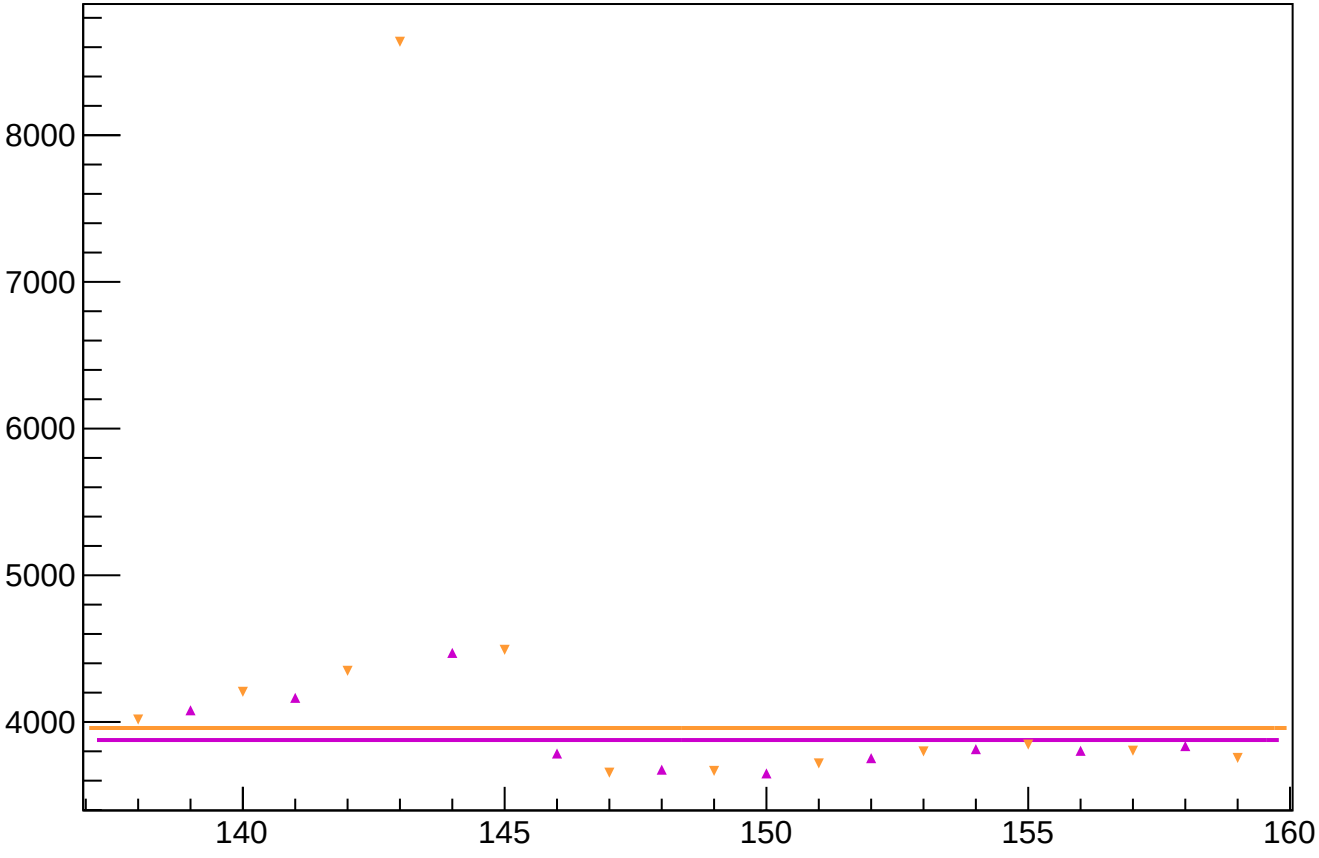
Left In: 557.755+/-1351.571 χ^2/NDF:6.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1005.976+/-951.645 χ^2/NDF: 17.9/21

- 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: 3958.986+/-0.948 χ^2/NDF:463295.1/11

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

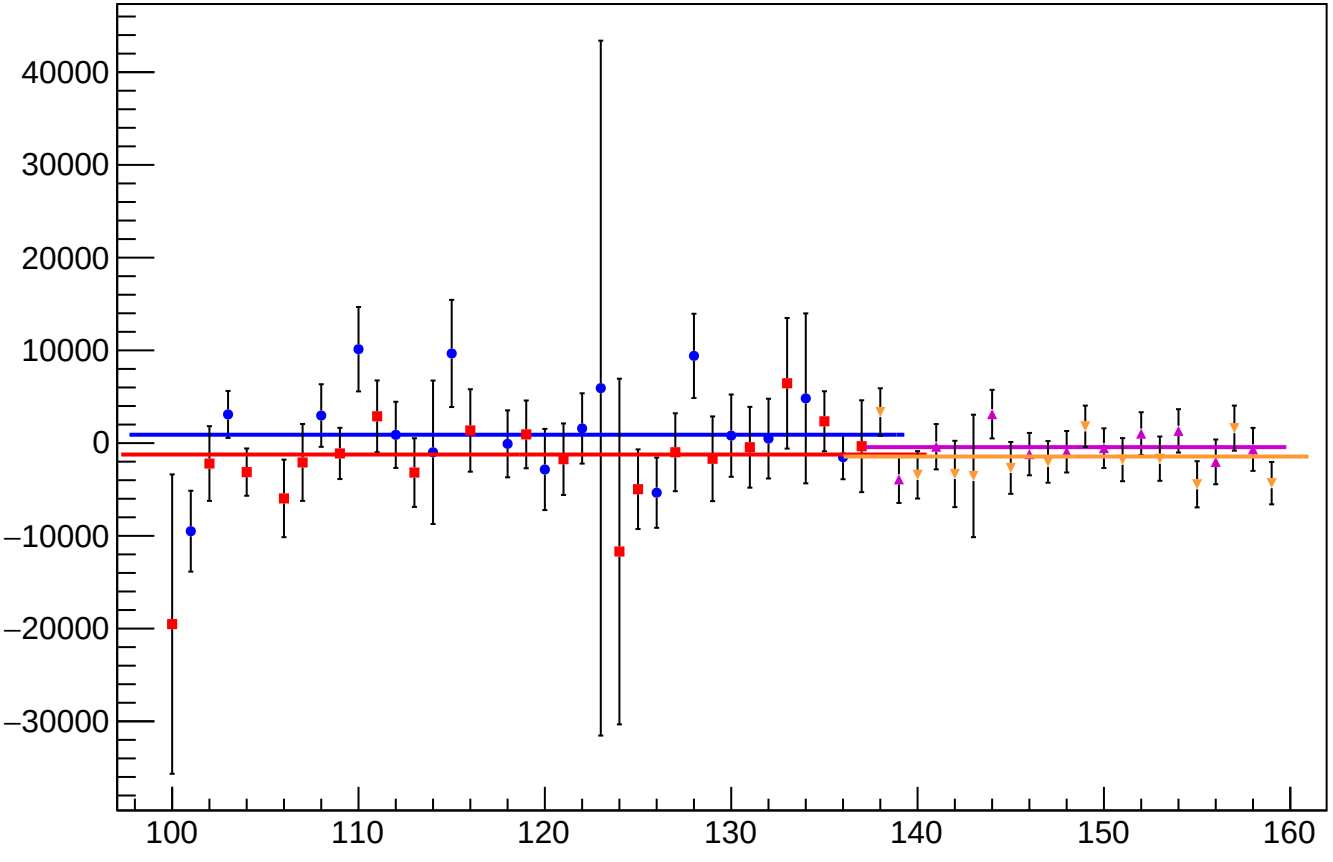
Left In: 3876.957+/-0.956 χ^2/NDF:57831.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3918.319+/-0.673 χ^2/NDF: 524841.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_mean vs Slug



Right In: 903.274+/-961.918 χ^2/NDF: 21.6/16

Left Out: -1447.129+/-742.037 χ^2/NDF:11.5/11

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

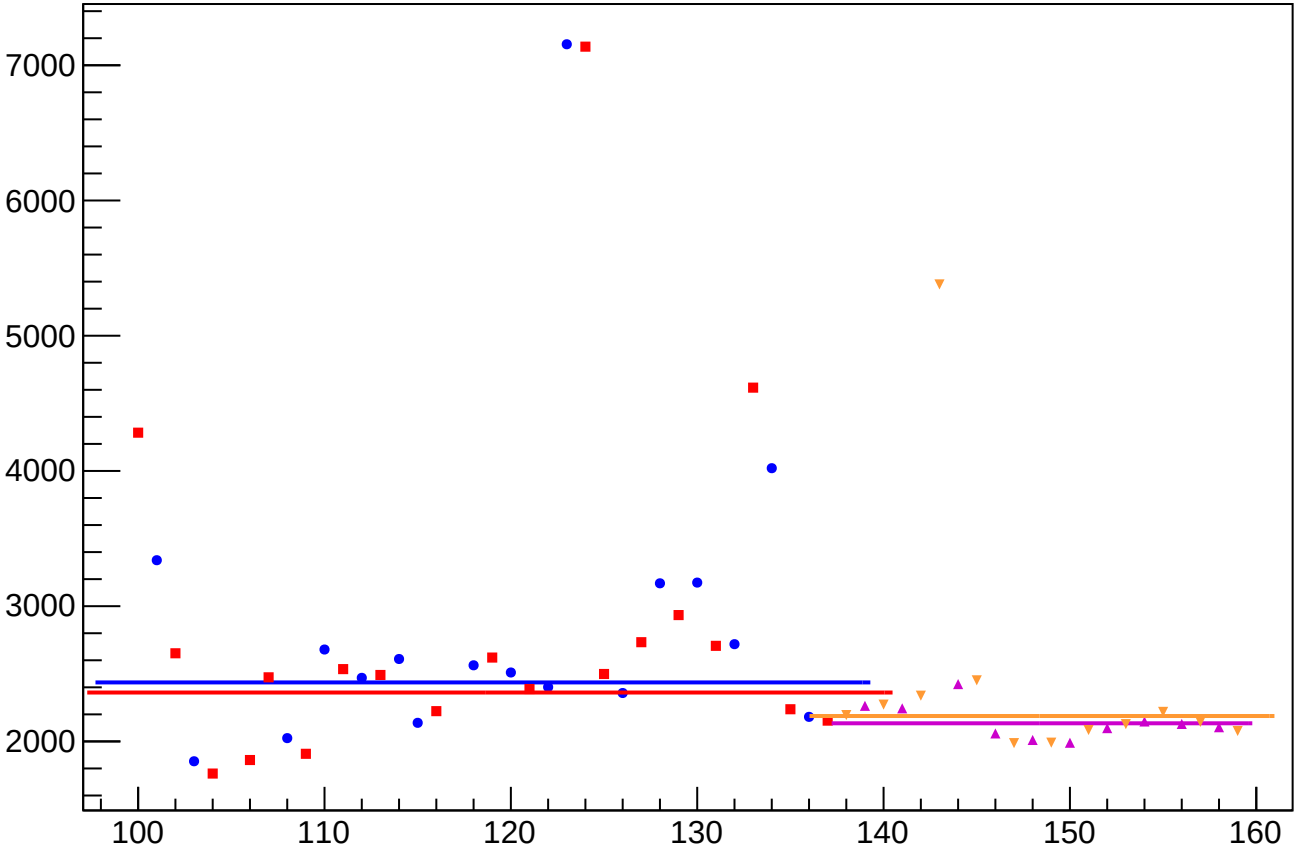
Left In: -433.778+/-743.831 χ^2/NDF:5.3/9

+ sign -570.259+/-587.536 χ^2/NDF: 36.9/28

All: -659.742+/-412.641 χ^2/NDF: 51.6/57

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

asym_at2_dd_rms vs Slug



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

Left Out: 2187.821+/-0.525 χ^2/NDF:533126.2/11

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

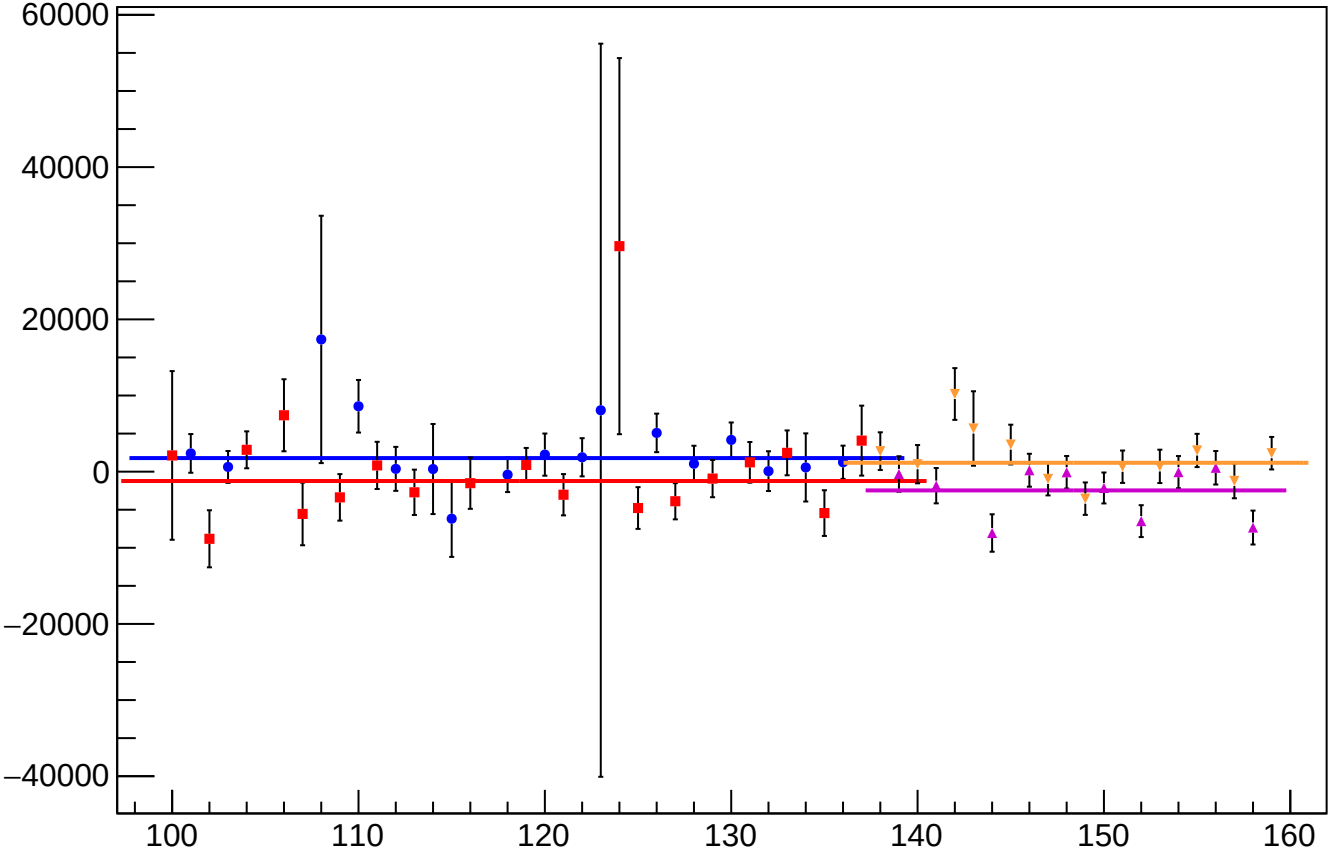
Left In: 2134.004+/-0.526 χ^2/NDF:51922.0/9

+ sign 2280.505+/-0.415 χ^2/NDF: 1085315.9/28

All: 2251.549+/-0.292 χ^2/NDF: 1876173.5/57

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

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1165.143+/-693.350 χ^2/NDF:17.1/11

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

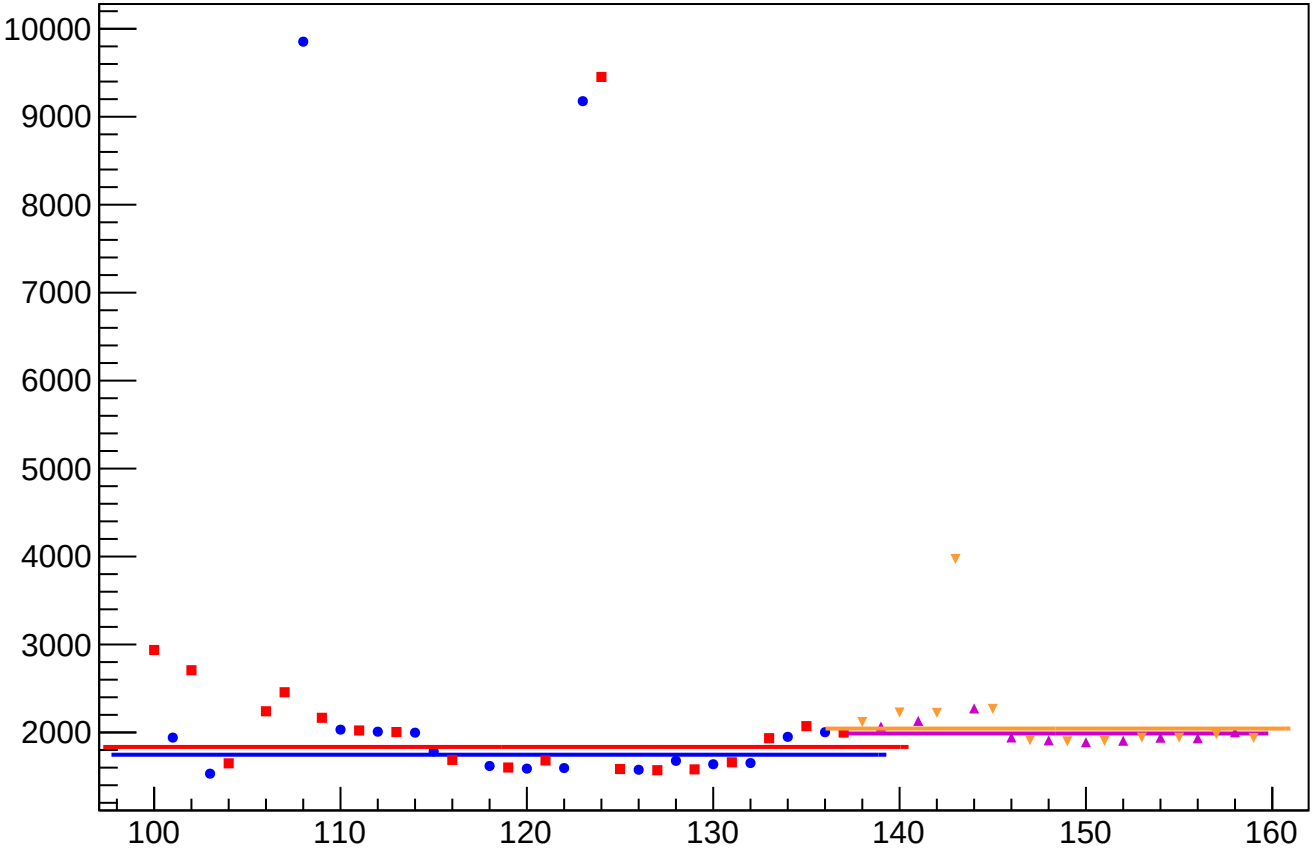
Left In: -2463.504+/-694.964 χ^2/NDF:20.5/9

+ sign 1473.854+/-490.645 χ^2/NDF: 29.9/28

All: -173.958+/-348.819 χ^2/NDF: 99.0/57

- sign -1857.991+/-496.008 χ^2/NDF: 46.3/28

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2044.355+/-0.490 χ^2/NDF:384041.2/11

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

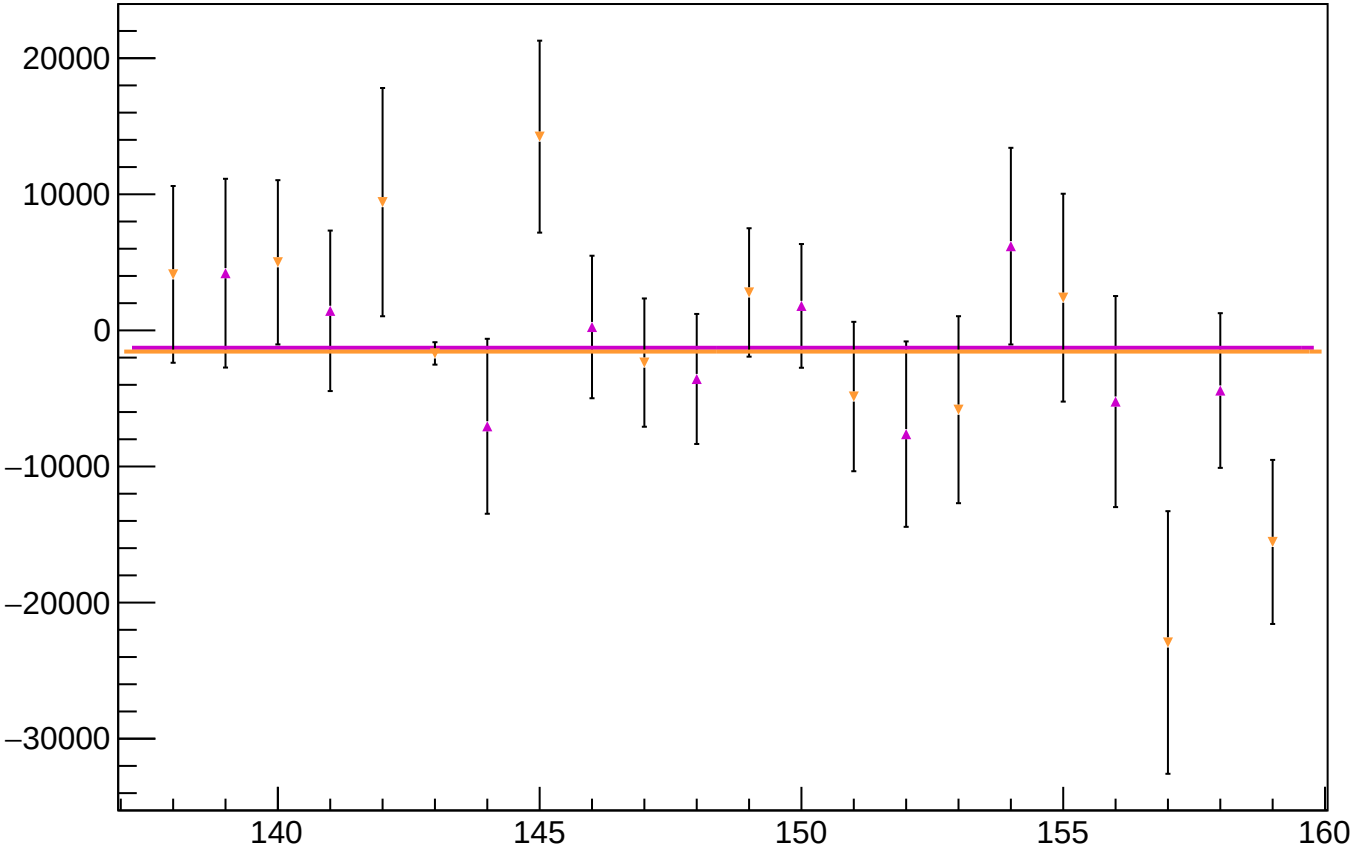
Left In: 1988.253+/-0.491 χ^2/NDF:50415.3/9

+ sign 1895.821+/-0.347 χ^2/NDF: 1250376.1/28

All: 1904.410+/-0.247 χ^2/NDF: 1899948.9/57

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

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1556.514+/-754.434 χ^2/NDF:20.9/11

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

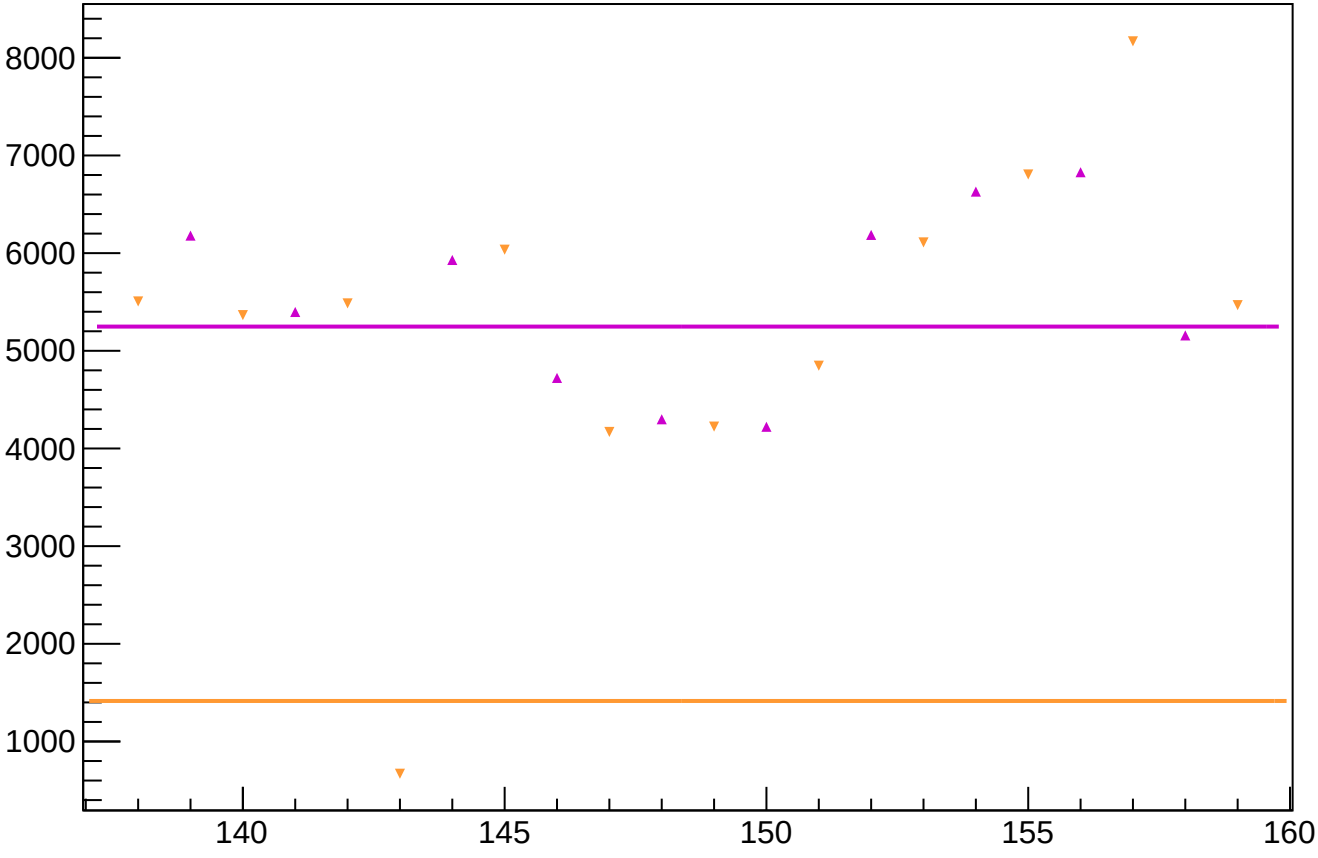
Left In: -1277.312+/-1854.541 χ^2/NDF:4.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1516.870+/-698.823 χ^2/NDF: 25.8/21

- 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: 1414.787+/-0.533 χ^2/NDF:10604264.3/11

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

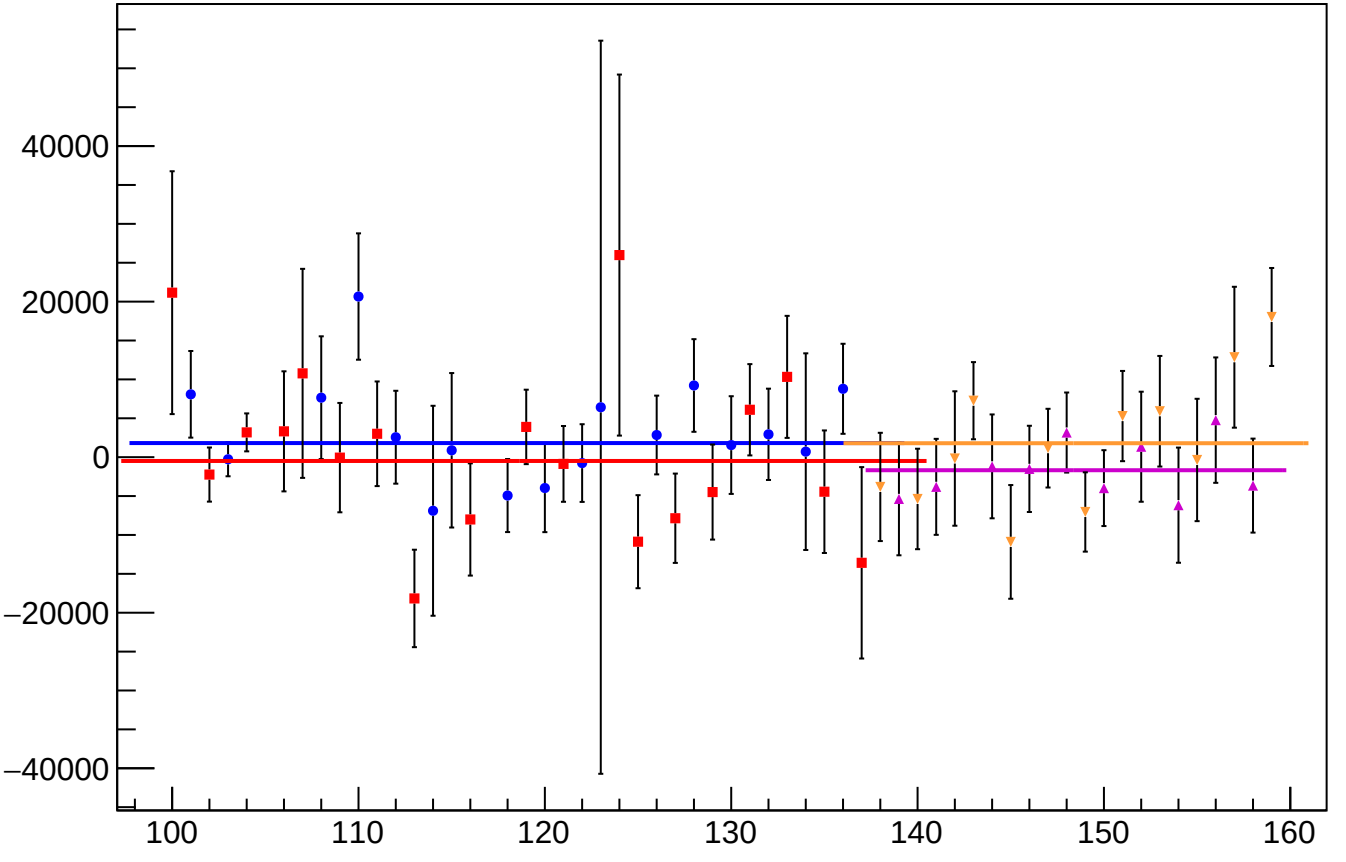
Left In: 5247.997+/-1.311 χ^2/NDF:455552.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1959.069+/-0.494 χ^2/NDF: 18390997.0/2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 1793.805+/-1832.174 χ^2/NDF:18.1/11

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

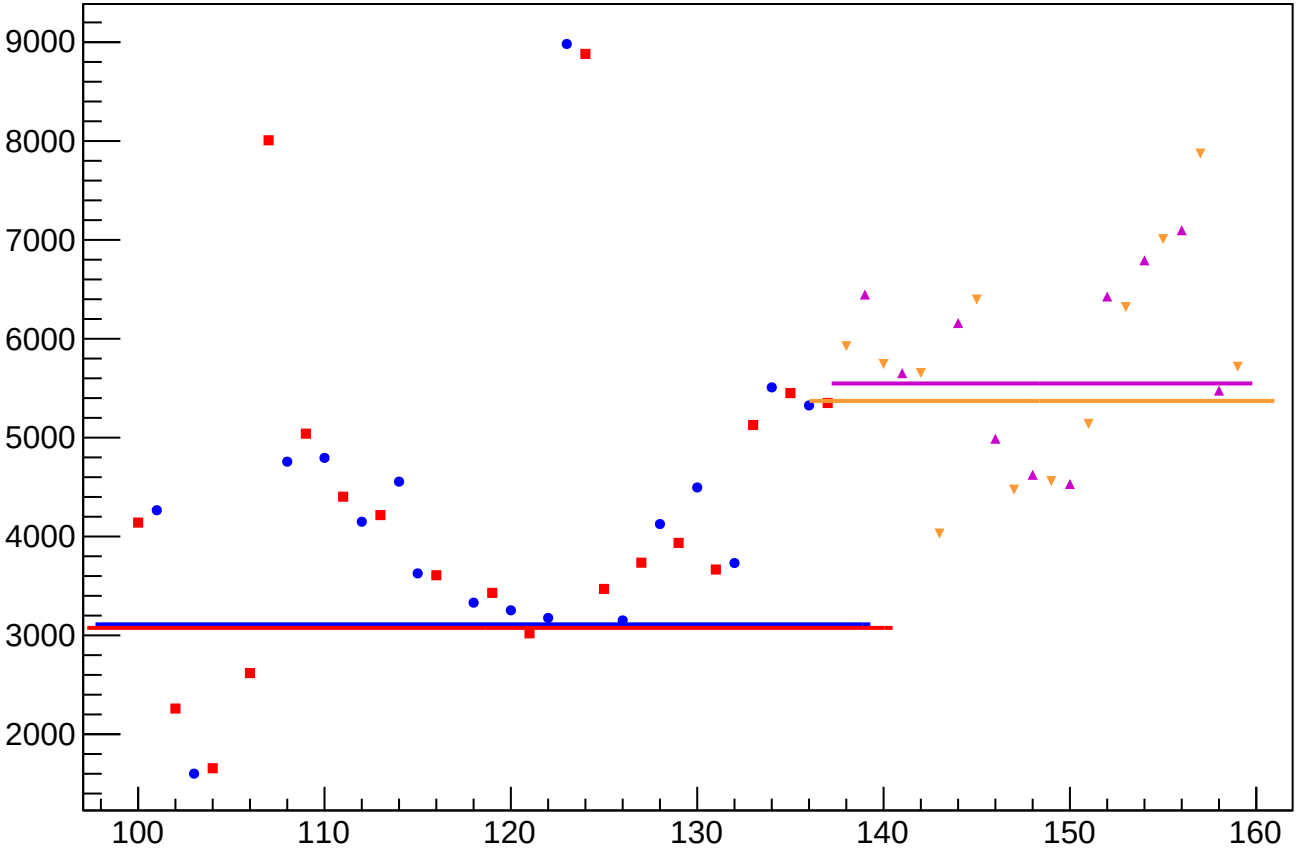
Left In: -1678.196+/-1957.258 χ^2/NDF:2.8/9

+ sign 1807.406+/-1060.940 χ^2/NDF: 33.1/28

All: 497.361+/-755.054 χ^2/NDF: 65.7/57

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

asym_atl_avg_rms vs Slug



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

Left Out: 5371.493+/-1.296 χ^2/NDF:604642.5/11

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

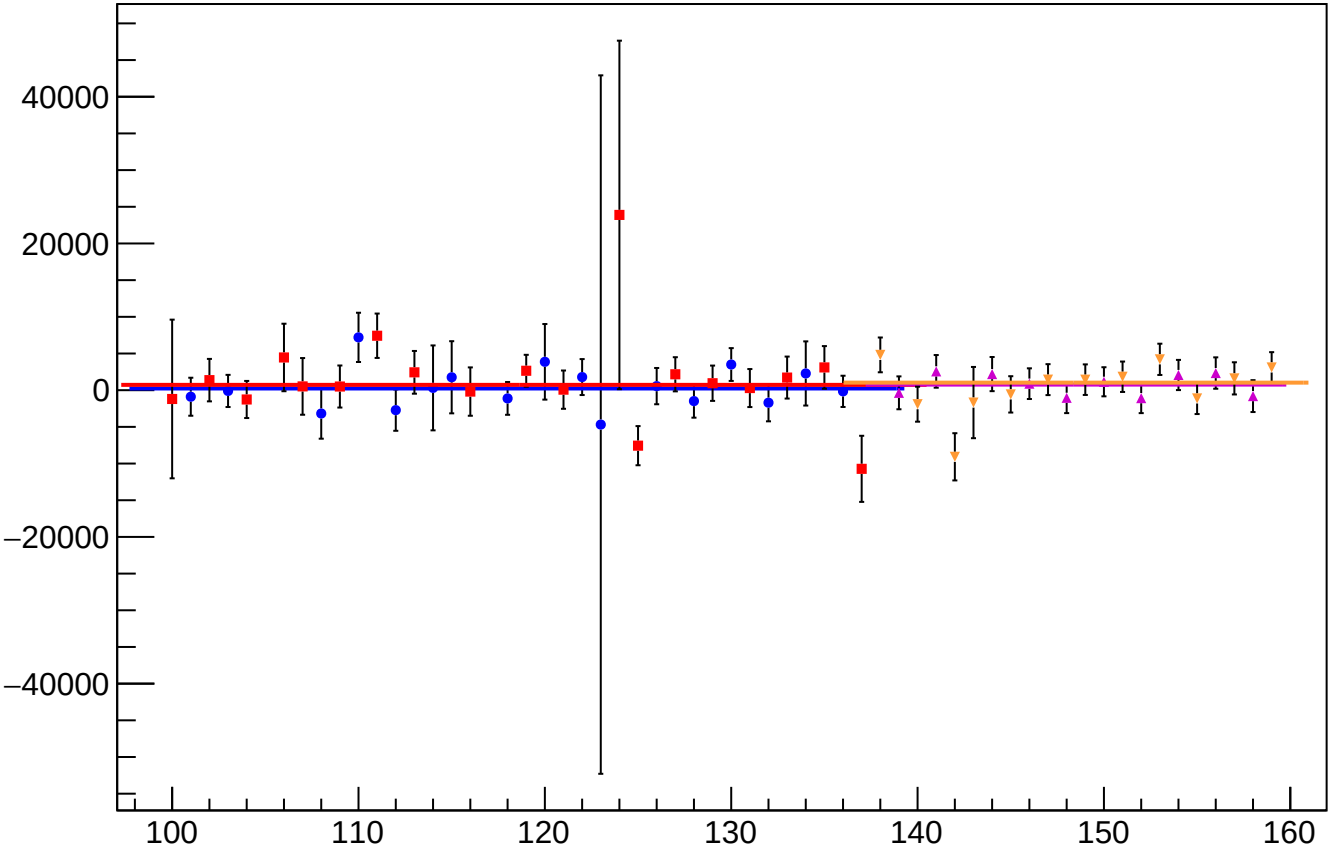
Left In: 5547.960+/-1.384 χ^2/NDF:381485.6/9

+ sign 3869.335+/-0.750 χ^2/NDF: 4506222.4/28

All: 3837.854+/-0.531 χ^2/NDF: 9148810.9/57

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

dit_asym_atl_dd_mean vs Slug



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

Left Out: 1029.821+/-670.730 χ^2/NDF:19.2/11

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

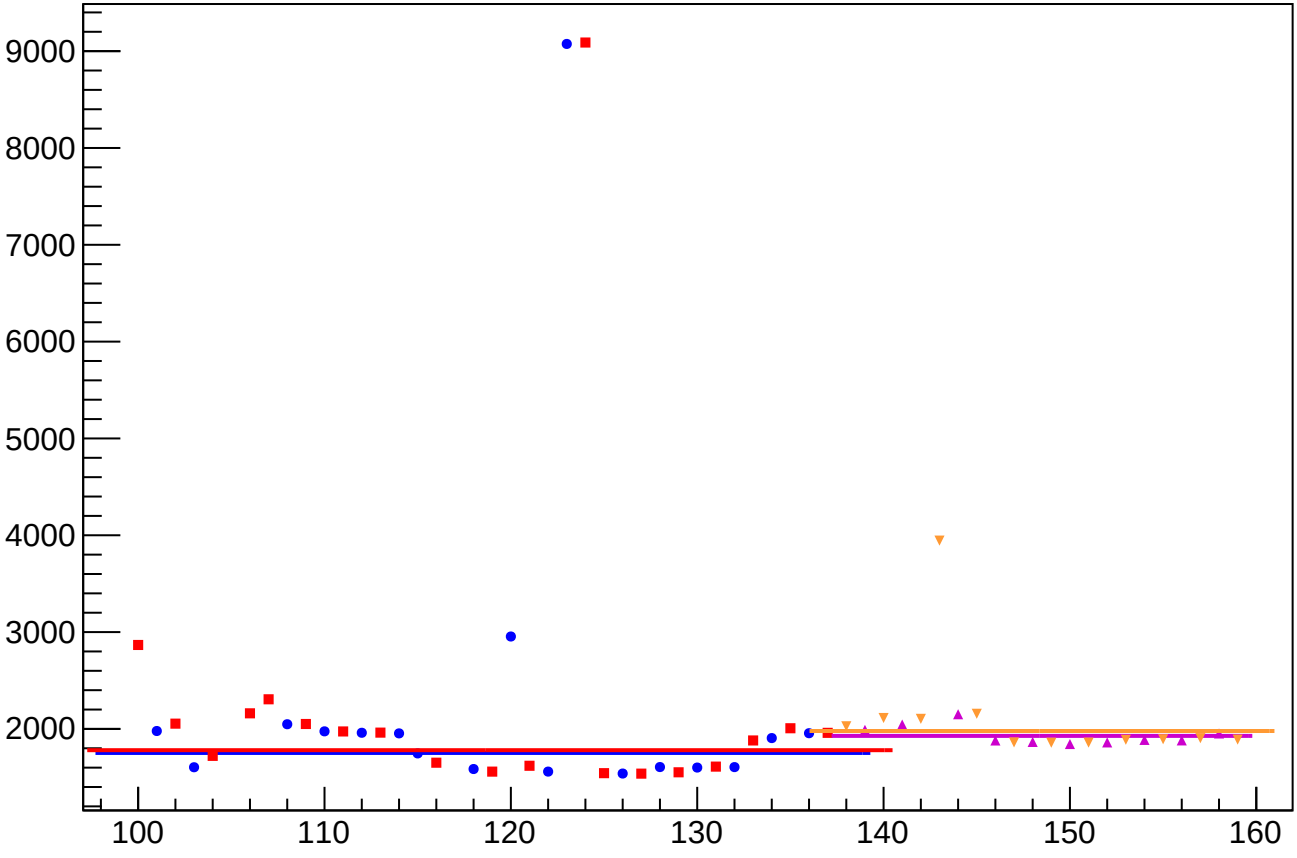
Left In: 761.774+/-673.558 χ^2/NDF:4.4/9

+ sign 640.503+/-479.854 χ^2/NDF: 31.4/28

All: 692.362+/-339.355 χ^2/NDF: 61.6/57

- sign 744.250+/-479.987 χ^2/NDF: 30.2/28

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1978.429+/-0.474 χ^2/NDF:380796.1/11

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

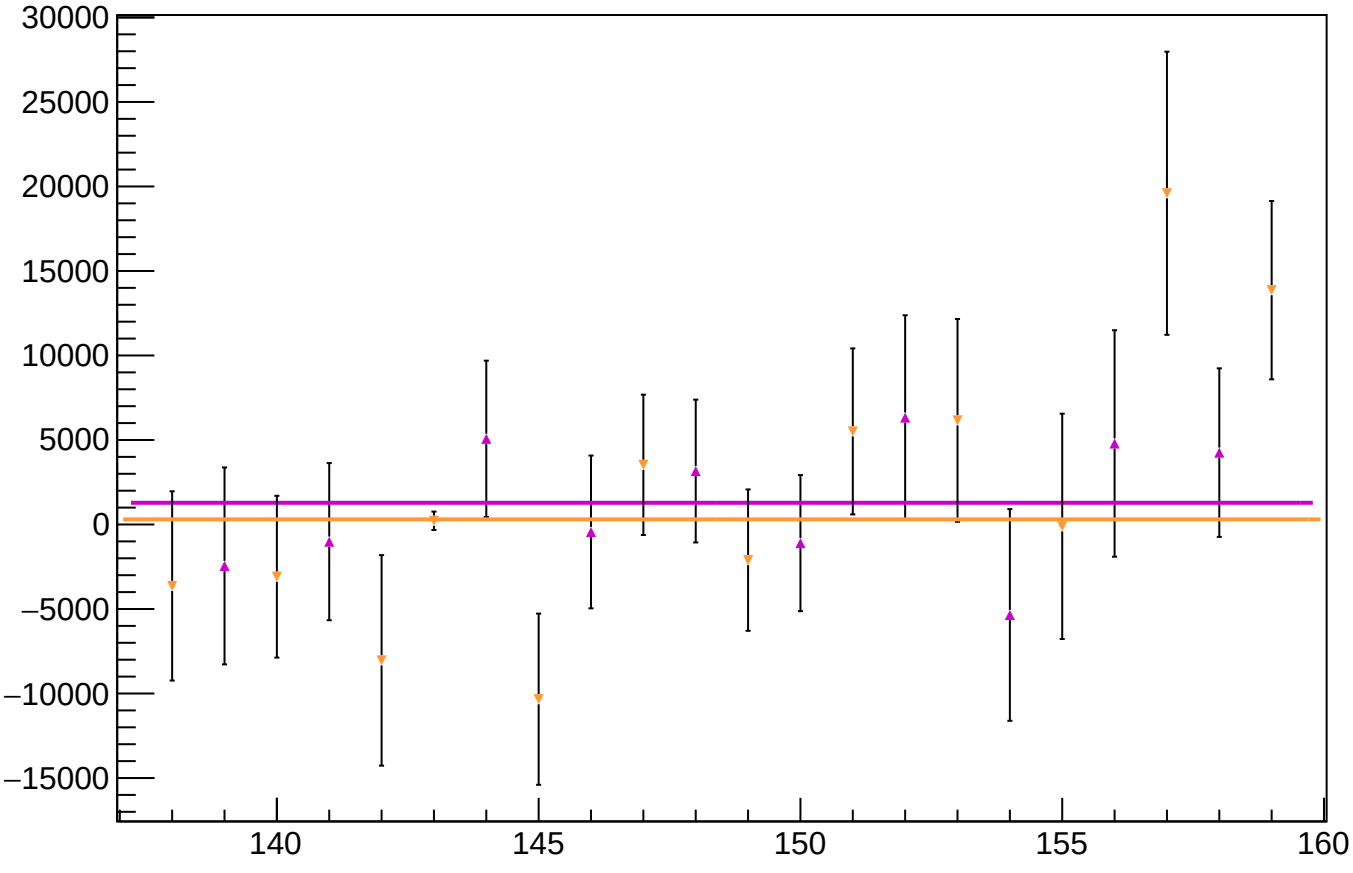
Left In: 1928.021+/-0.476 χ^2/NDF:36139.9/9

+ sign 1867.819+/-0.339 χ^2/NDF: 793110.4/28

All: 1861.483+/-0.240 χ^2/NDF: 1305756.4/57

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

asym_atl_dd_correction_mean vs Slug



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

Left Out: 302.218+/-513.670 χ^2/NDF:22.2/11

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

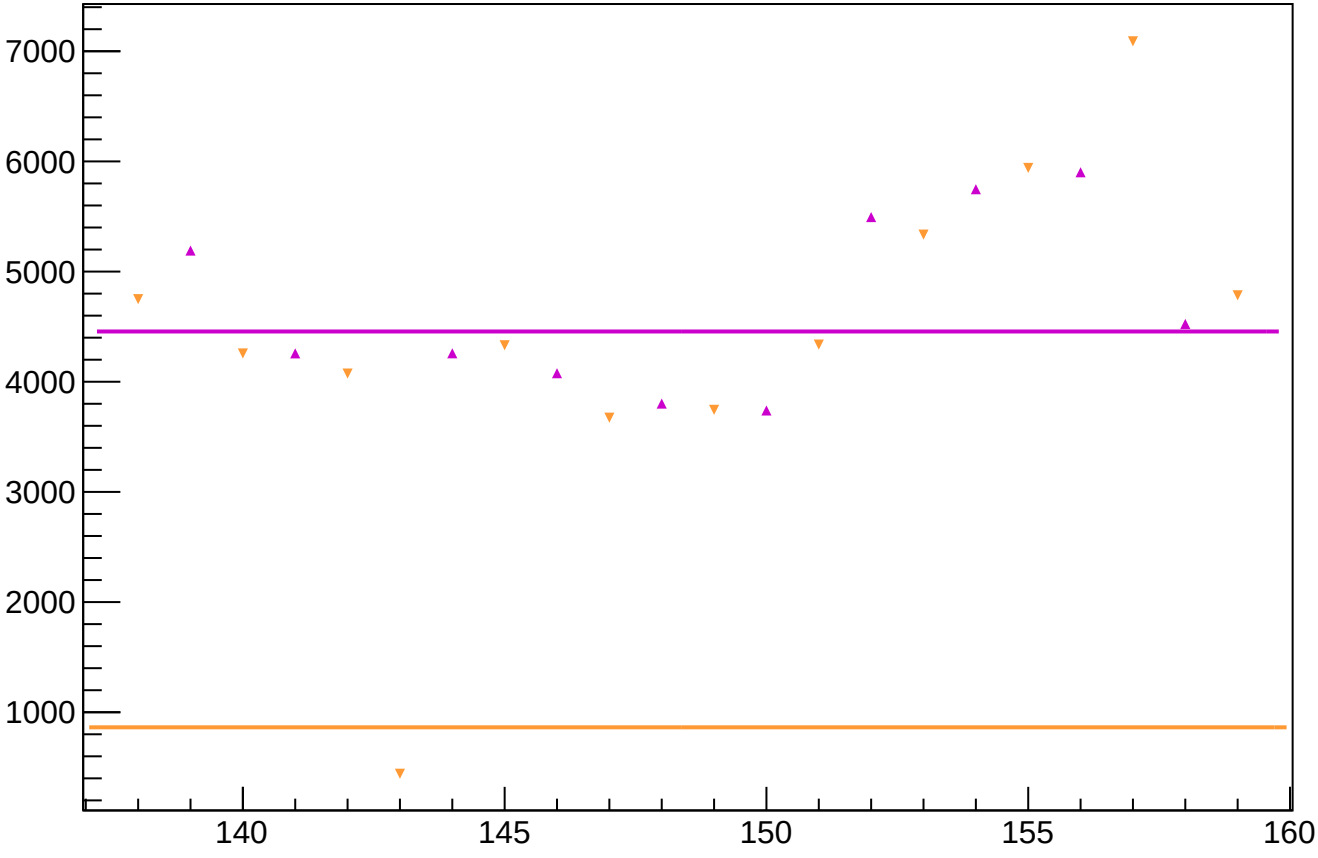
Left In: 1285.304+/-1572.301 χ^2/NDF:4.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 397.027+/-488.273 χ^2/NDF: 27.0/21

- 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: 863.231+/-0.363 χ^2/NDF:11992606.9/11

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

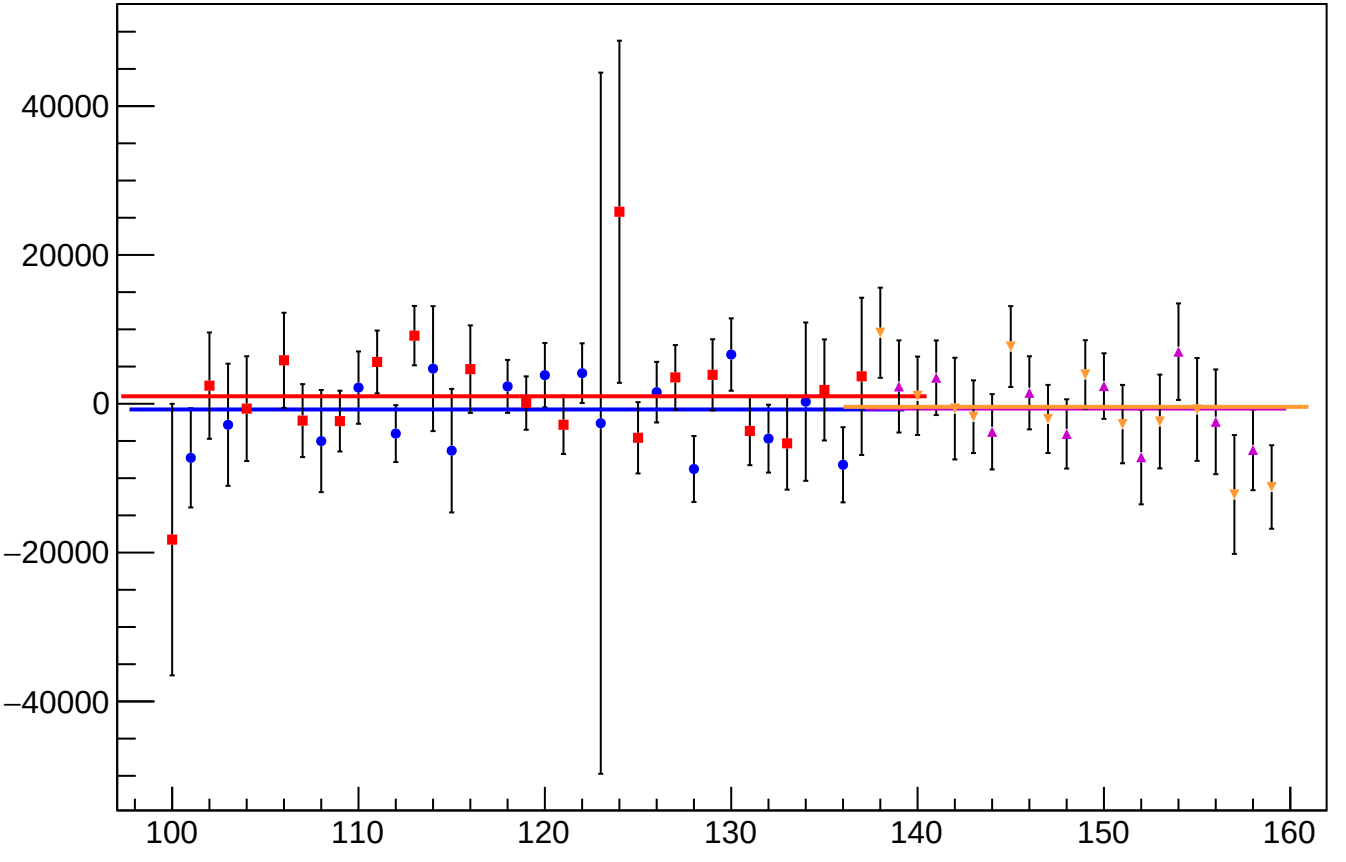
Left In: 4456.235+/-1.112 χ^2/NDF:401973.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1209.738+/-0.345 χ^2/NDF: 21831525.9/2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: -416.867+/-1611.424 χ^2/NDF:12.3/11

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

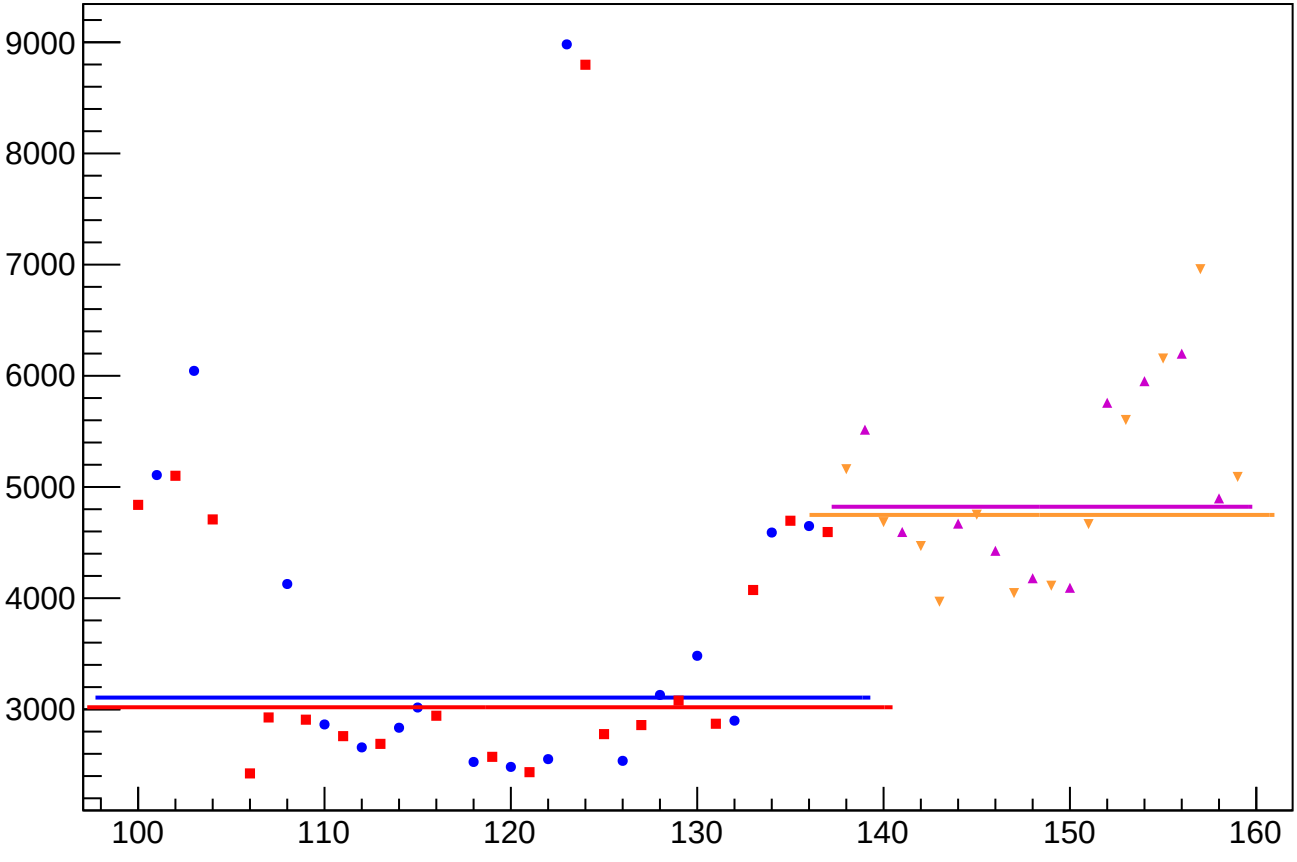
Left In: -646.483+/-1697.333 χ^2/NDF:6.1/9

+ sign -634.583+/-986.545 χ^2/NDF: 27.8/28

All: -80.884+/-693.473 χ^2/NDF: 50.1/57

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

asym_atl_dd_rms vs Slug



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

Left Out: 4748.756+/-1.139 χ^2/NDF:430218.0/11

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

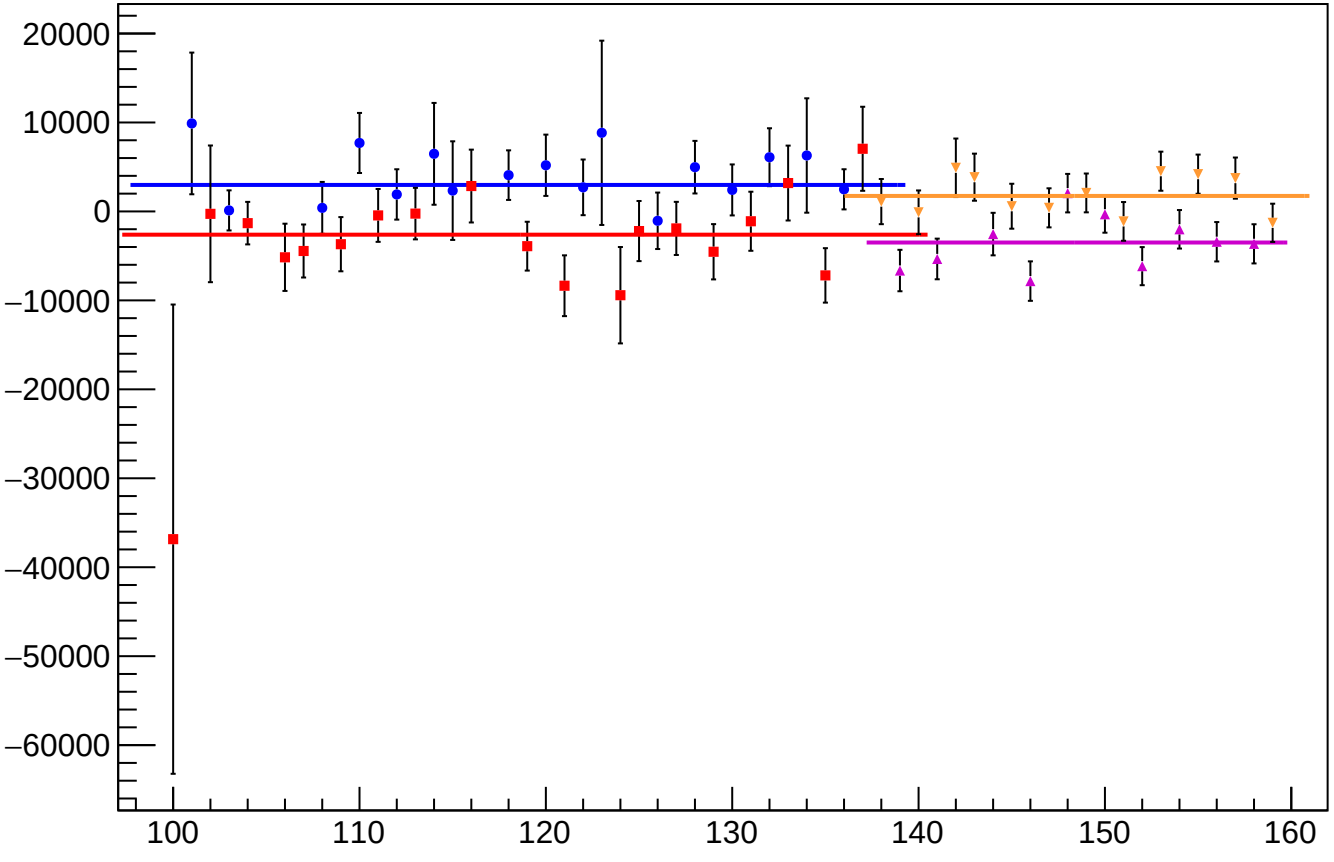
Left In: 4822.308+/-1.200 χ^2/NDF:318010.0/9

+ sign 3721.627+/-0.698 χ^2/NDF: 2689759.5/28

All: 3661.592+/-0.488 χ^2/NDF: 5342018.4/57

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

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1741.807+/-680.712 χ^2/NDF:10.1/11

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

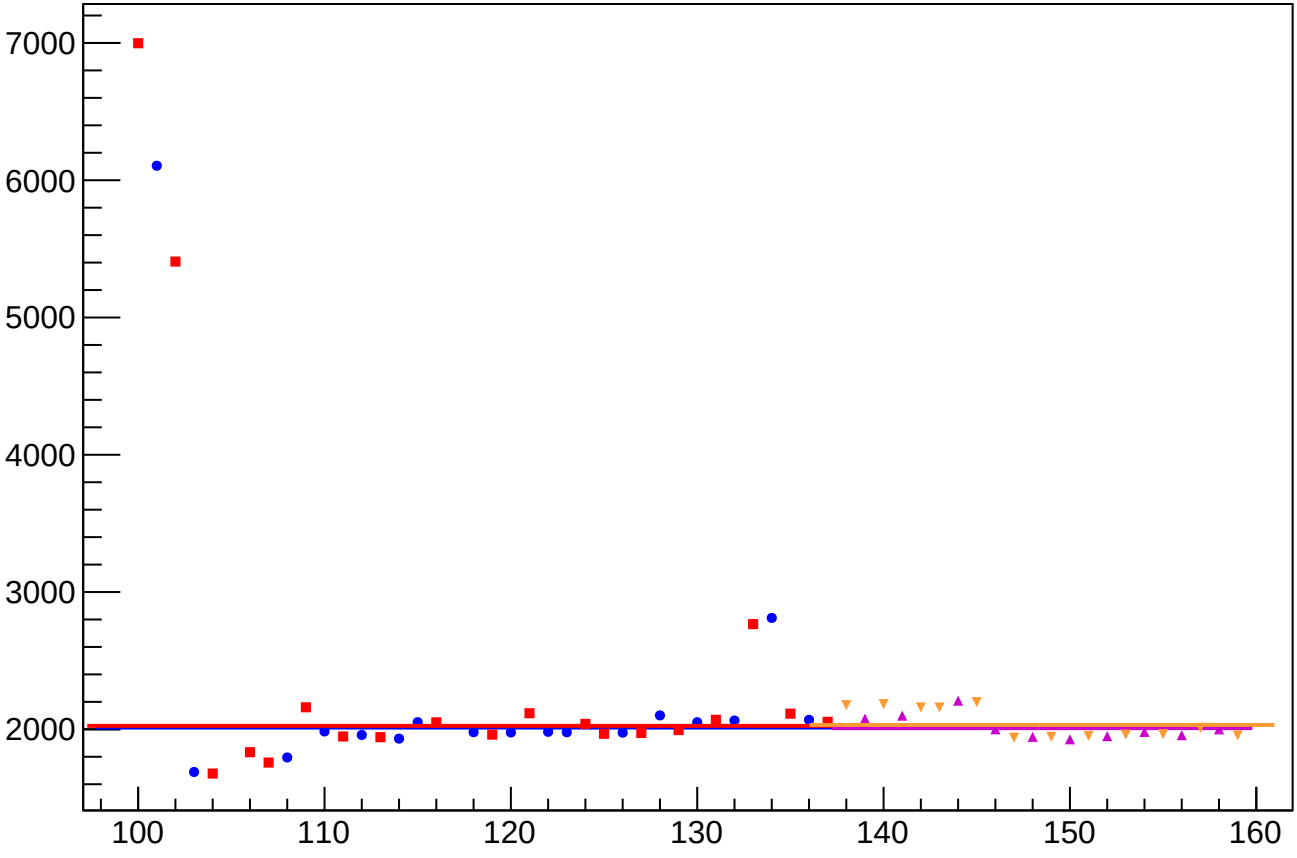
Left In: -3495.468+/-699.789 χ^2/NDF:17.4/9

+ sign 2264.622+/-517.175 χ^2/NDF: 21.3/28

All: -395.640+/-367.336 χ^2/NDF: 112.5/57

- sign -3104.119+/-521.840 χ^2/NDF: 37.7/28

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2031.801+/-0.481 χ^2/NDF:46359.7/11

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

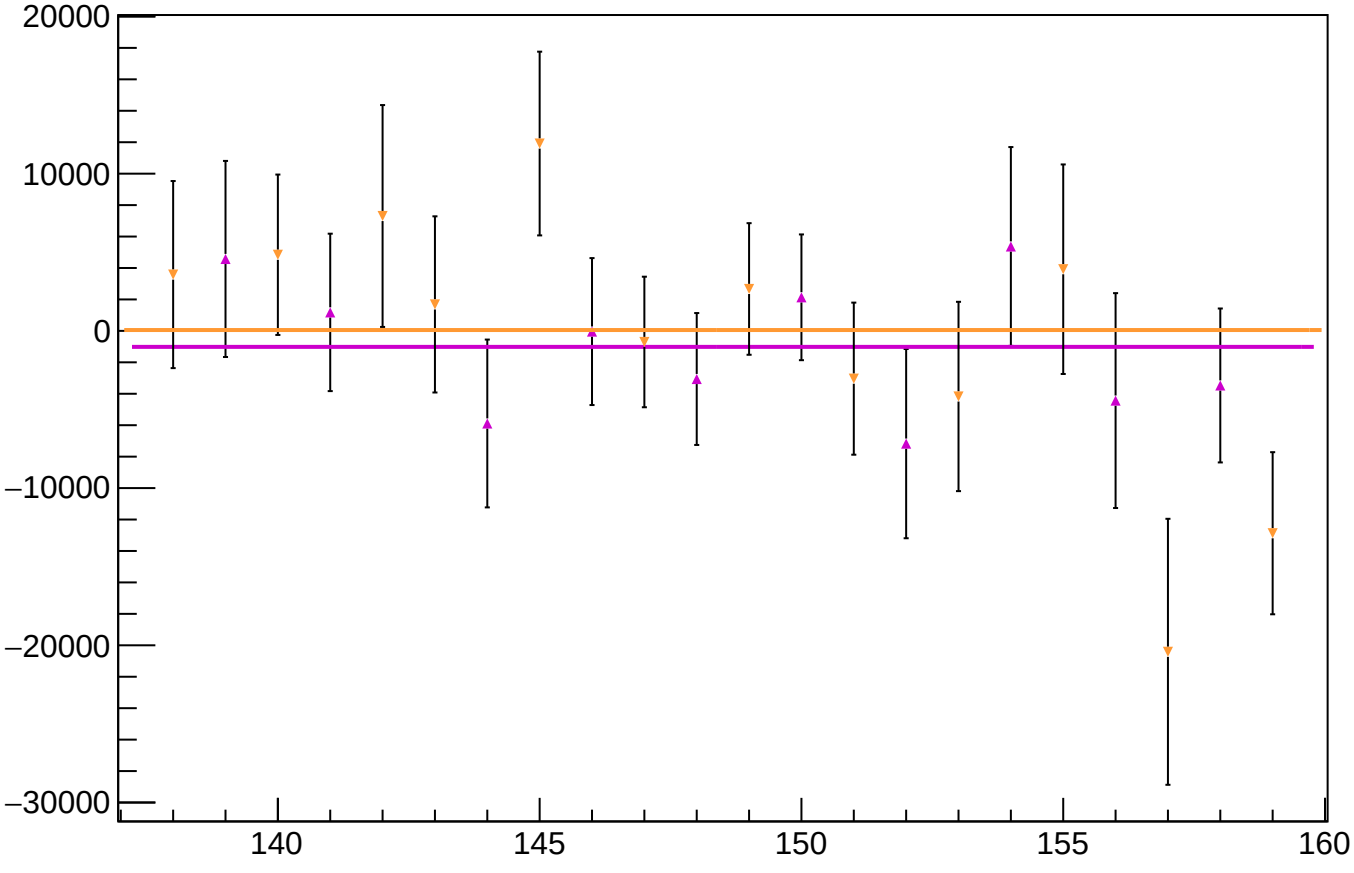
Left In: 2008.652+/-0.495 χ^2/NDF:26654.8/9

+ sign 2023.829+/-0.366 χ^2/NDF: 664715.9/28

All: 2019.921+/-0.260 χ^2/NDF: 1289512.6/57

- sign 2015.943+/-0.369 χ^2/NDF: 624566.2/28

asym_atr_avg_correction_mean vs Slug



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

Left Out: 53.245+/-1566.711 χ^2/NDF:20.3/11

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

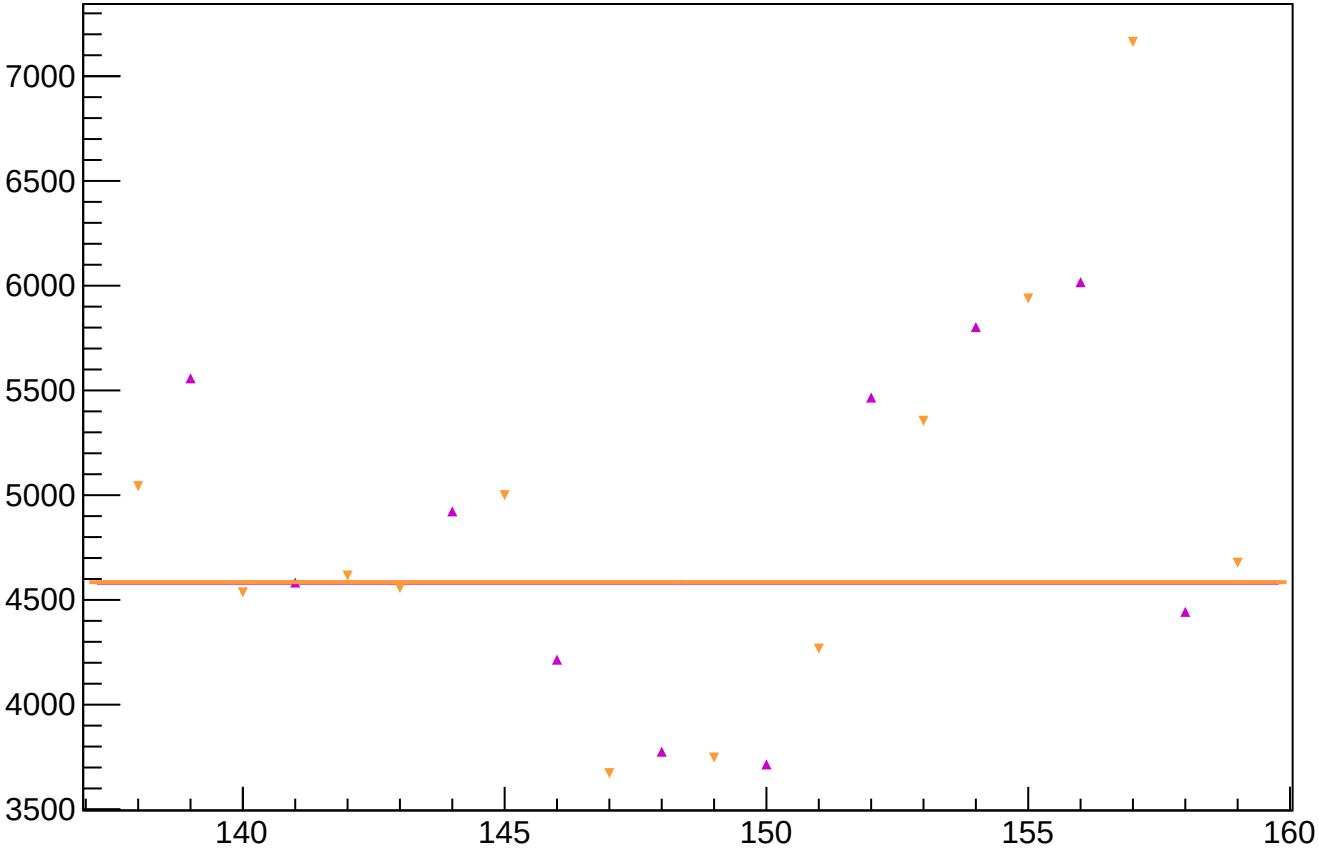
Left In: -1017.451+/-1618.873 χ^2/NDF:5.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -464.576+/-1125.821 χ^2/NDF: 25.8/21

- 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: 4584.686+/-1.108 χ^2/NDF:509157.9/11

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

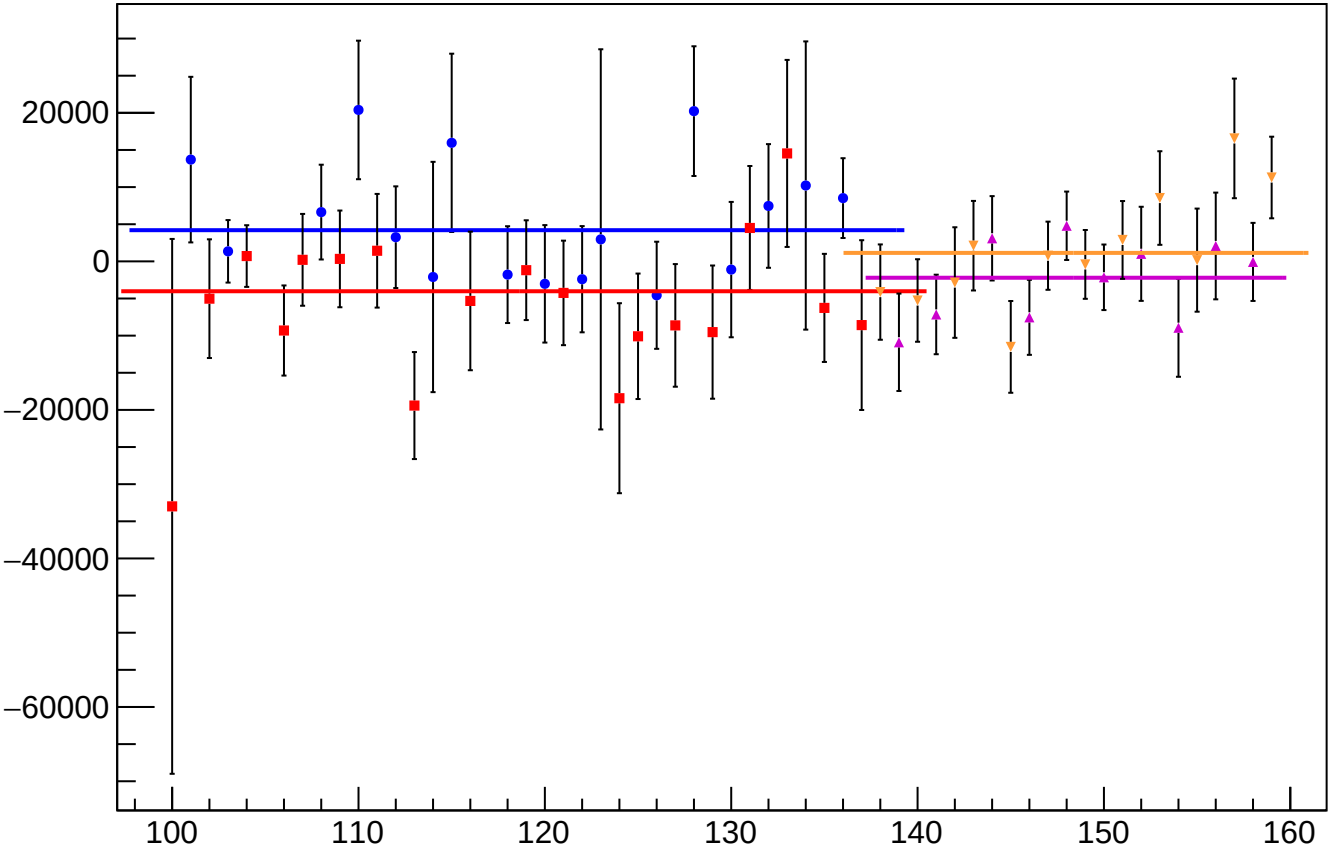
Left In: 4582.361+/-1.145 χ^2/NDF:444861.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4583.561+/-0.796 χ^2/NDF: 954021.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_mean vs Slug



Right In: 4198.770+/-1857.803 χ^2/NDF: 14.1/16

Left Out: 1141.663+/-1682.055 χ^2/NDF:15.2/11

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

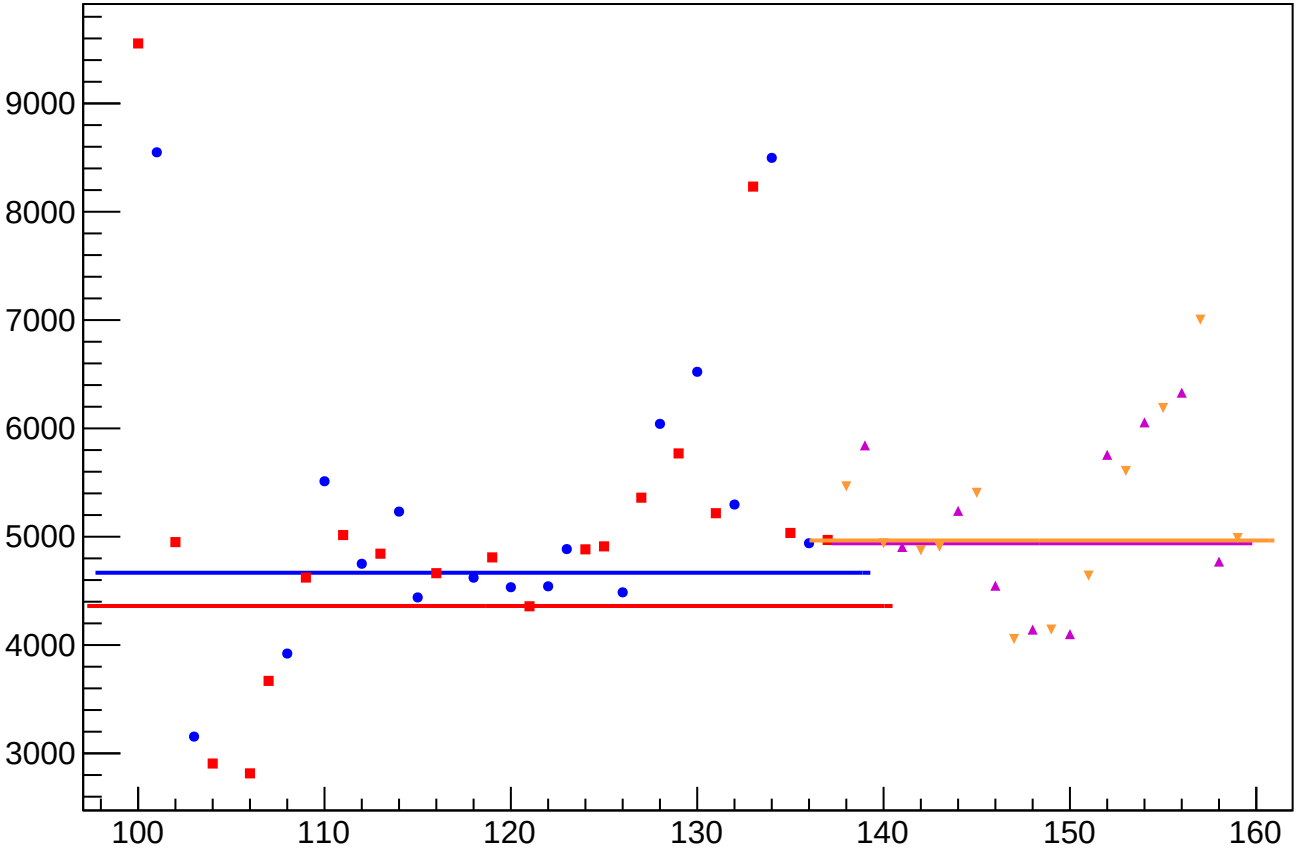
Left In: -2204.948+/-1740.053 χ^2/NDF:8.7/9

+ sign 2518.809+/-1246.908 χ^2/NDF: 30.8/28

All: -351.382+/-873.890 χ^2/NDF: 65.3/57

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

asym_atr_avg_rms vs Slug



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

Left Out: 4965.223+/-1.189 χ^2/NDF:383044.6/11

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

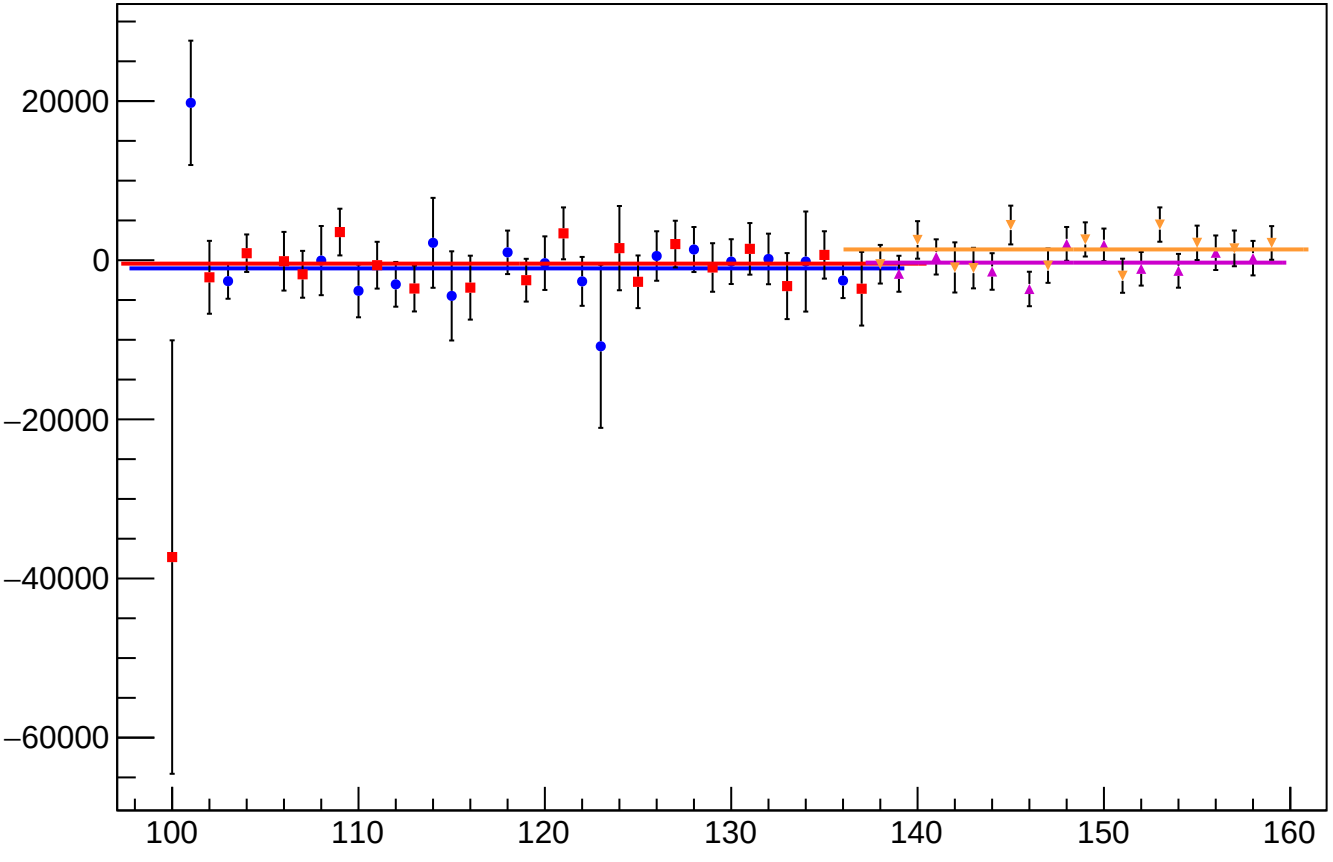
Left In: 4939.292+/-1.230 χ^2/NDF:355217.1/9

+ sign 4831.093+/-0.882 χ^2/NDF: 1189133.9/28

All: 4736.531+/-0.617 χ^2/NDF: 2511838.0/57

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

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1356.304+/-663.280 χ^2/NDF:9.8/11

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

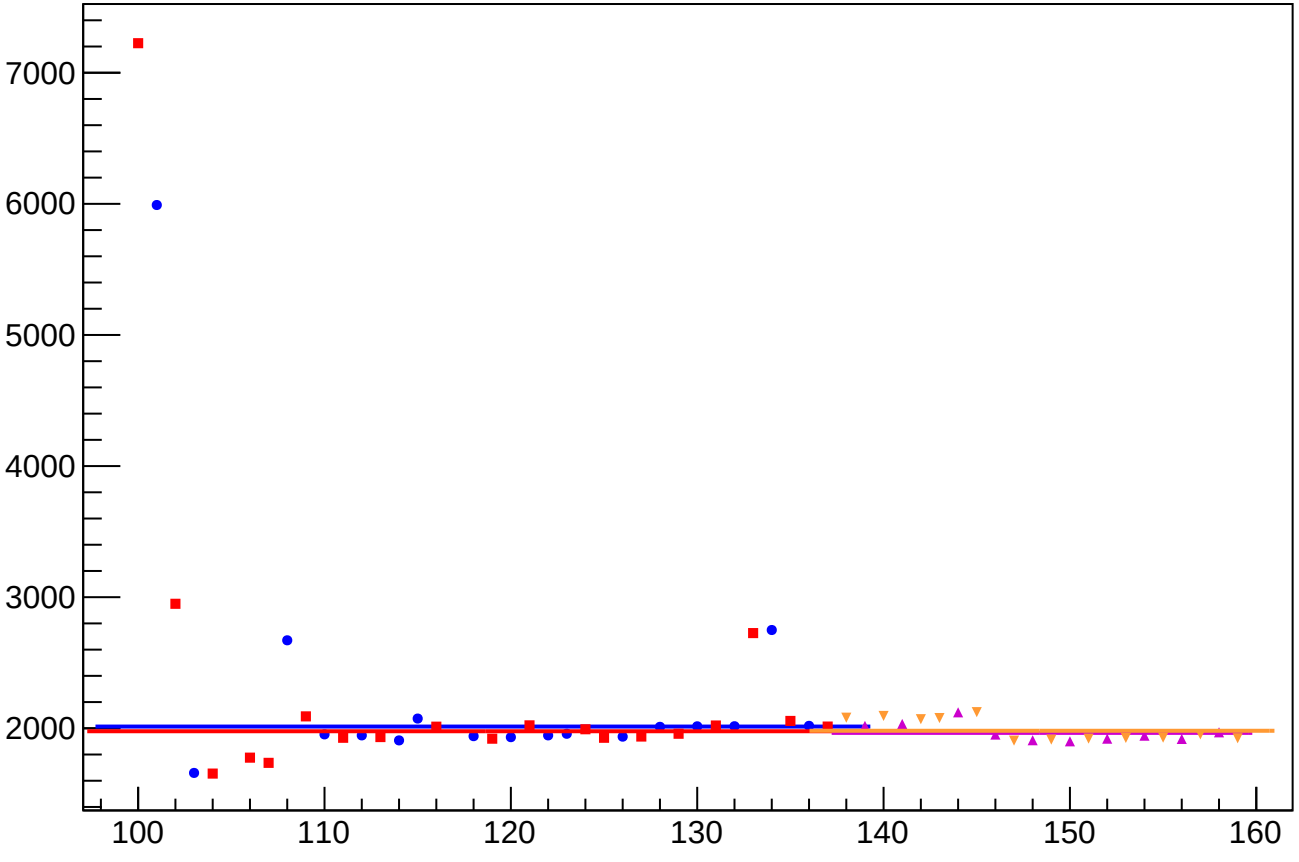
Left In: -303.823+/-684.382 χ^2/NDF:6.3/9

+ sign 380.476+/-509.719 χ^2/NDF: 28.1/28

All: 9.790+/-360.105 χ^2/NDF: 46.2/57

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

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1981.135+/-0.469 χ^2/NDF:29410.8/11

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

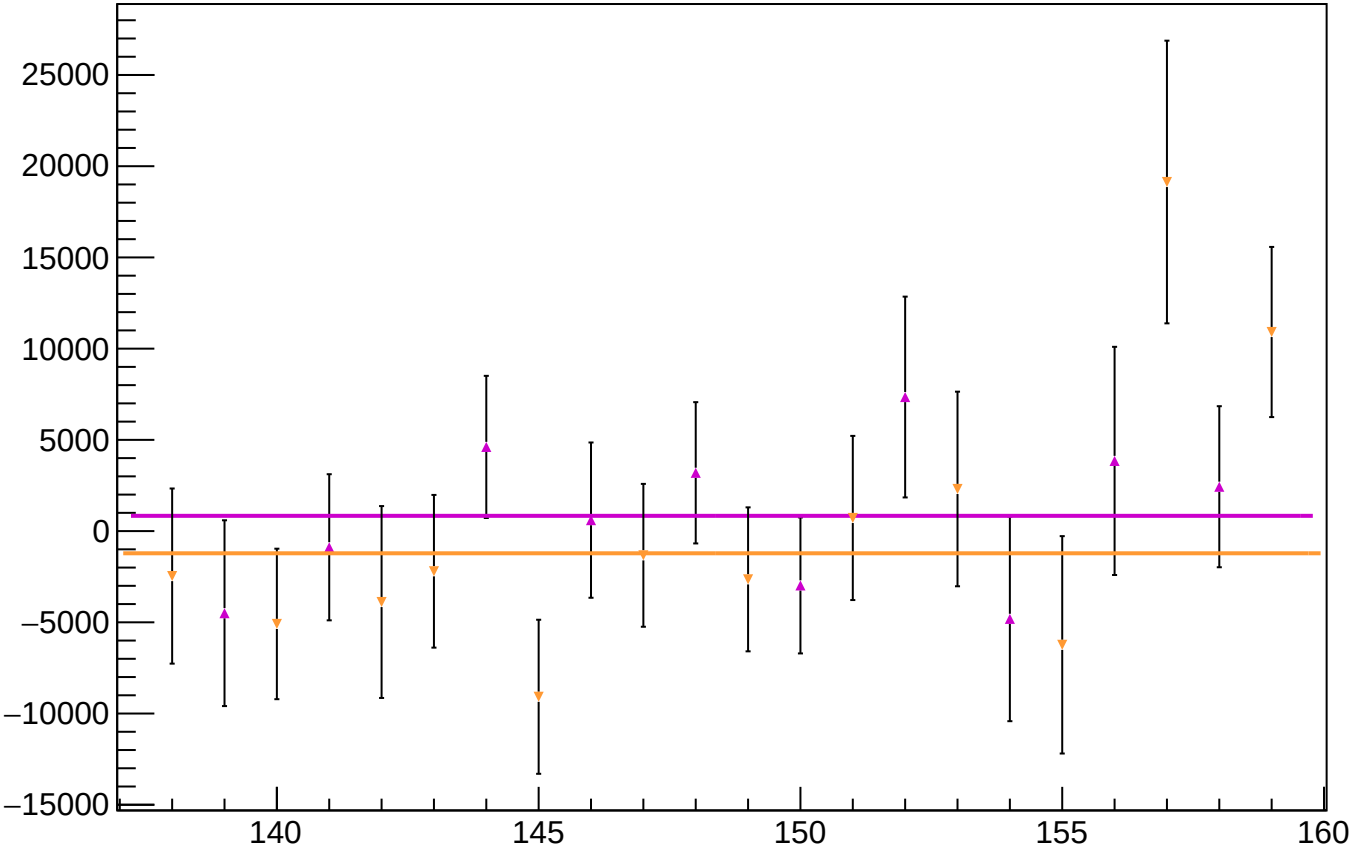
Left In: 1965.066+/-0.484 χ^2/NDF:17788.0/9

+ sign 1994.292+/-0.360 χ^2/NDF: 681381.5/28

All: 1982.447+/-0.255 χ^2/NDF: 996521.9/57

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

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1216.636+/-1340.653 χ^2/NDF:19.9/11

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

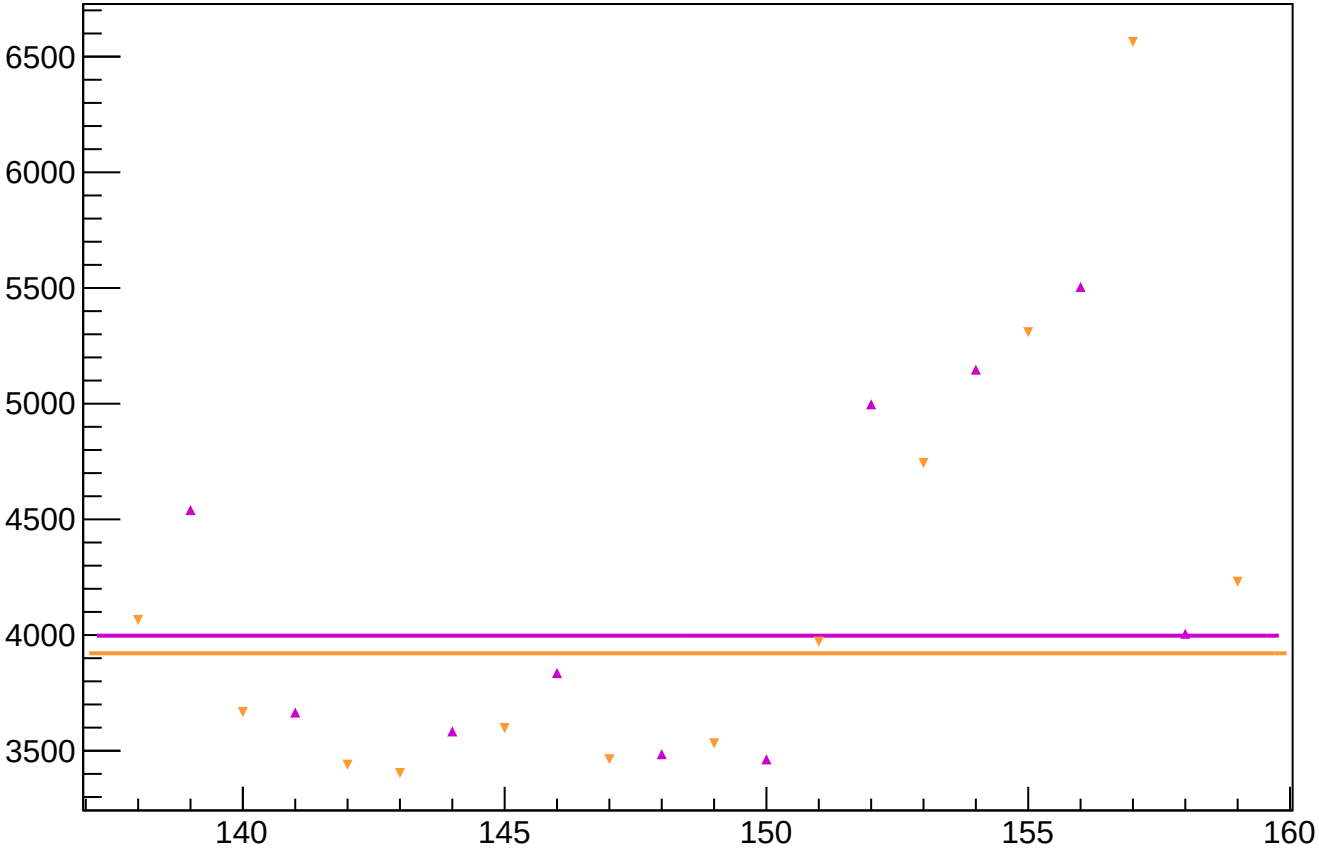
Left In: 836.376+/-1410.830 χ^2/NDF:6.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -242.458+/-971.847 χ^2/NDF: 27.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_correction_rms vs Slug



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

Left Out: 3921.343+/-0.948 χ^2/NDF:513100.2/11

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

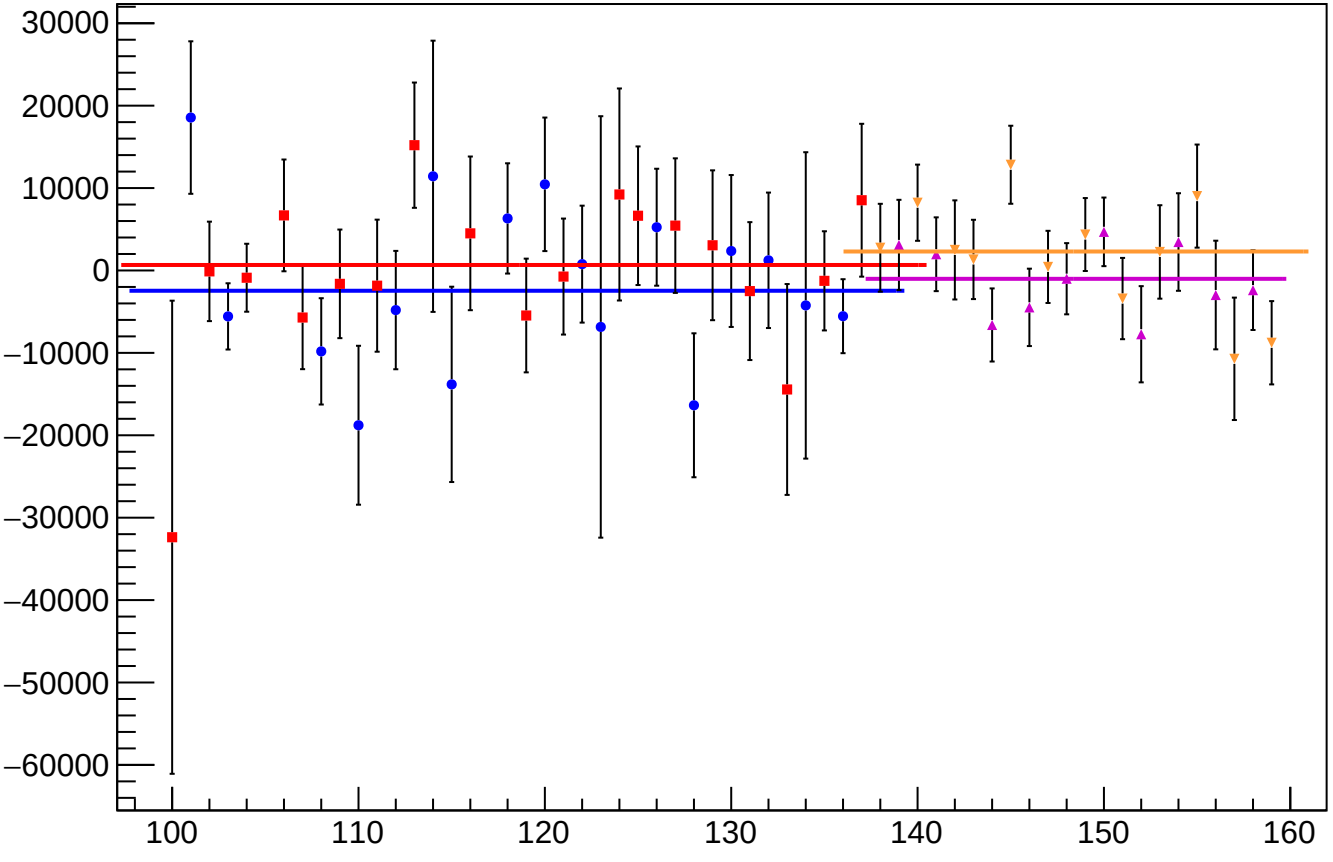
Left In: 3997.365+/-0.998 χ^2/NDF:404301.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3957.417+/-0.687 χ^2/NDF: 920453.4/21

- 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: 2301.604+/-1481.335 χ^2/NDF:17.4/11

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

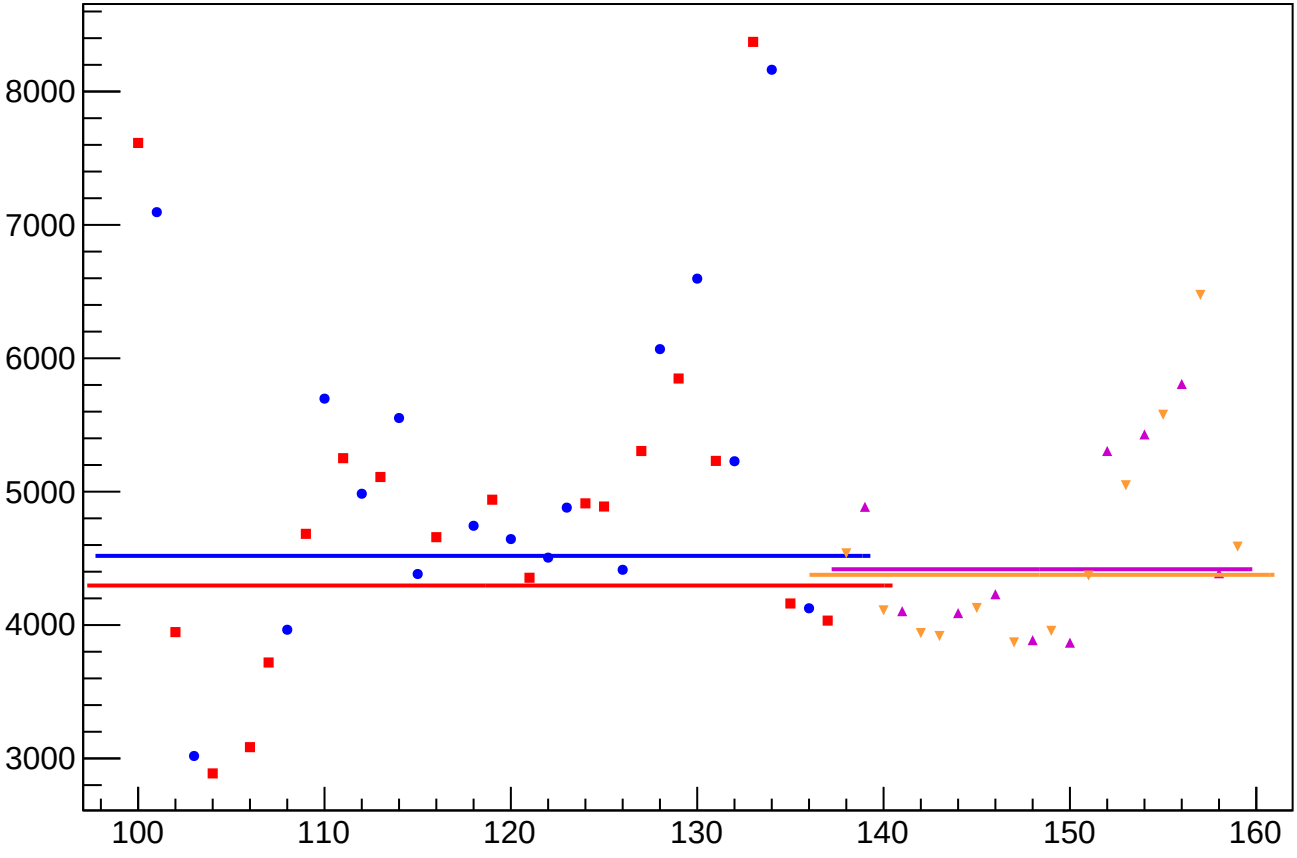
Left In: -1014.615+/-1553.422 χ^2/NDF:7.1/9

+ sign 374.539+/-1143.109 χ^2/NDF: 42.4/28

All: 65.017+/-808.480 χ^2/NDF: 62.1/57

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

asym_atr_dd_rms vs Slug



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

Left Out: 4376.590+/-1.047 χ^2/NDF:352328.7/11

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

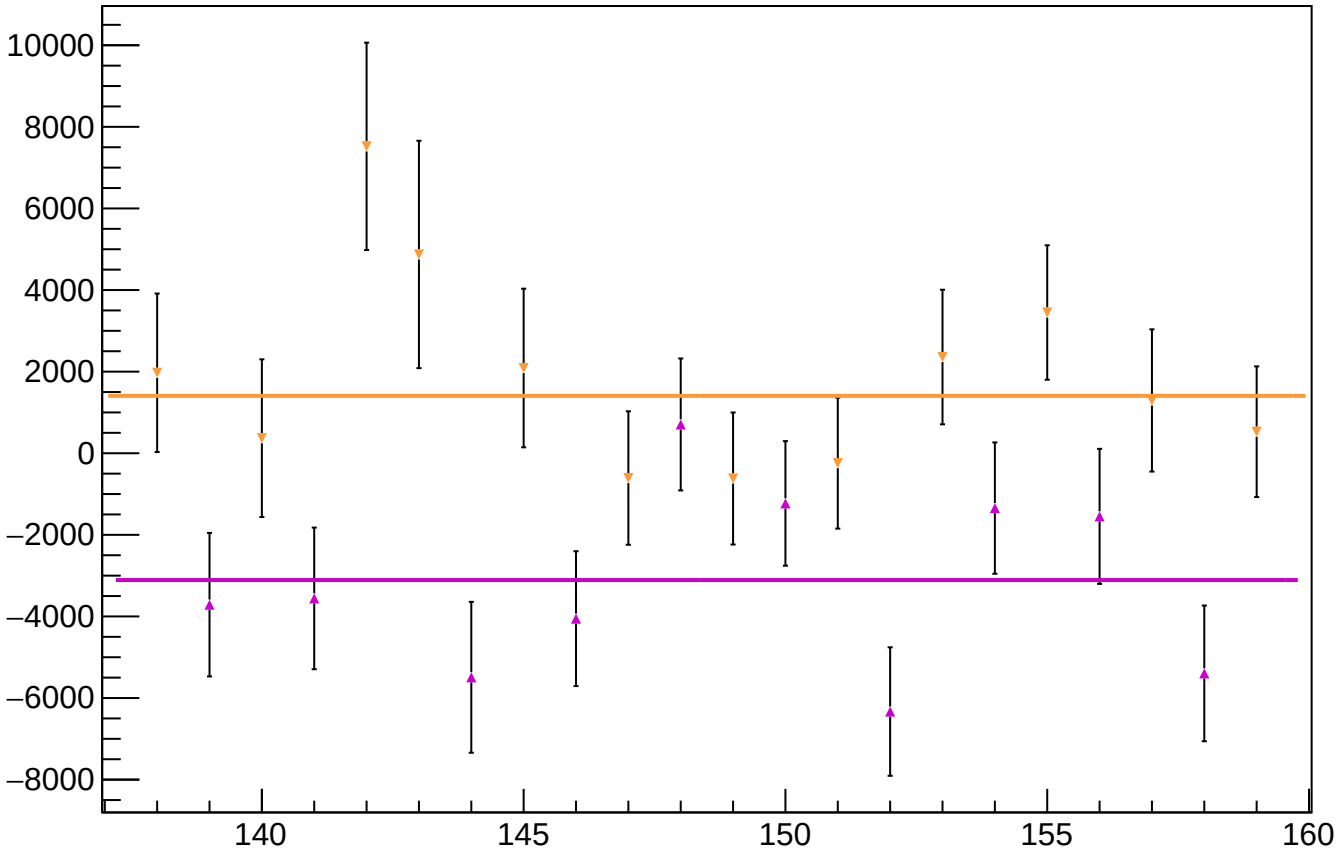
Left In: 4418.404+/-1.098 χ^2/NDF:297217.7/9

+ sign 4434.070+/-0.808 χ^2/NDF: 1129999.6/28

All: 4398.048+/-0.571 χ^2/NDF: 2208570.1/57

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

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1407.082+/-521.326 χ^2/NDF:14.1/11

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

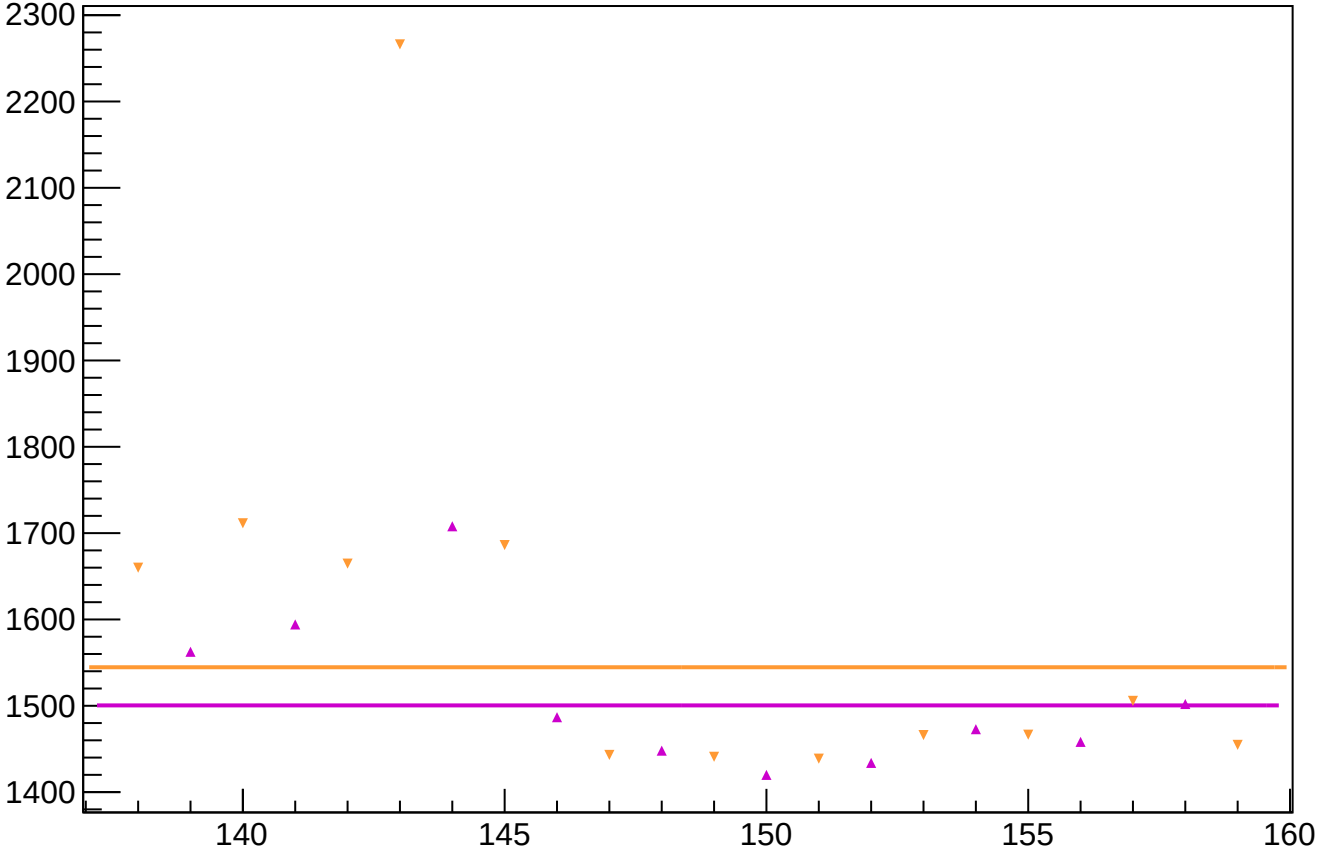
Left In: -3107.939+/-524.071 χ^2/NDF:17.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -838.575+/-369.600 χ^2/NDF: 68.9/21

- 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: 1544.631+/-0.369 χ^2/NDF:212054.6/11

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

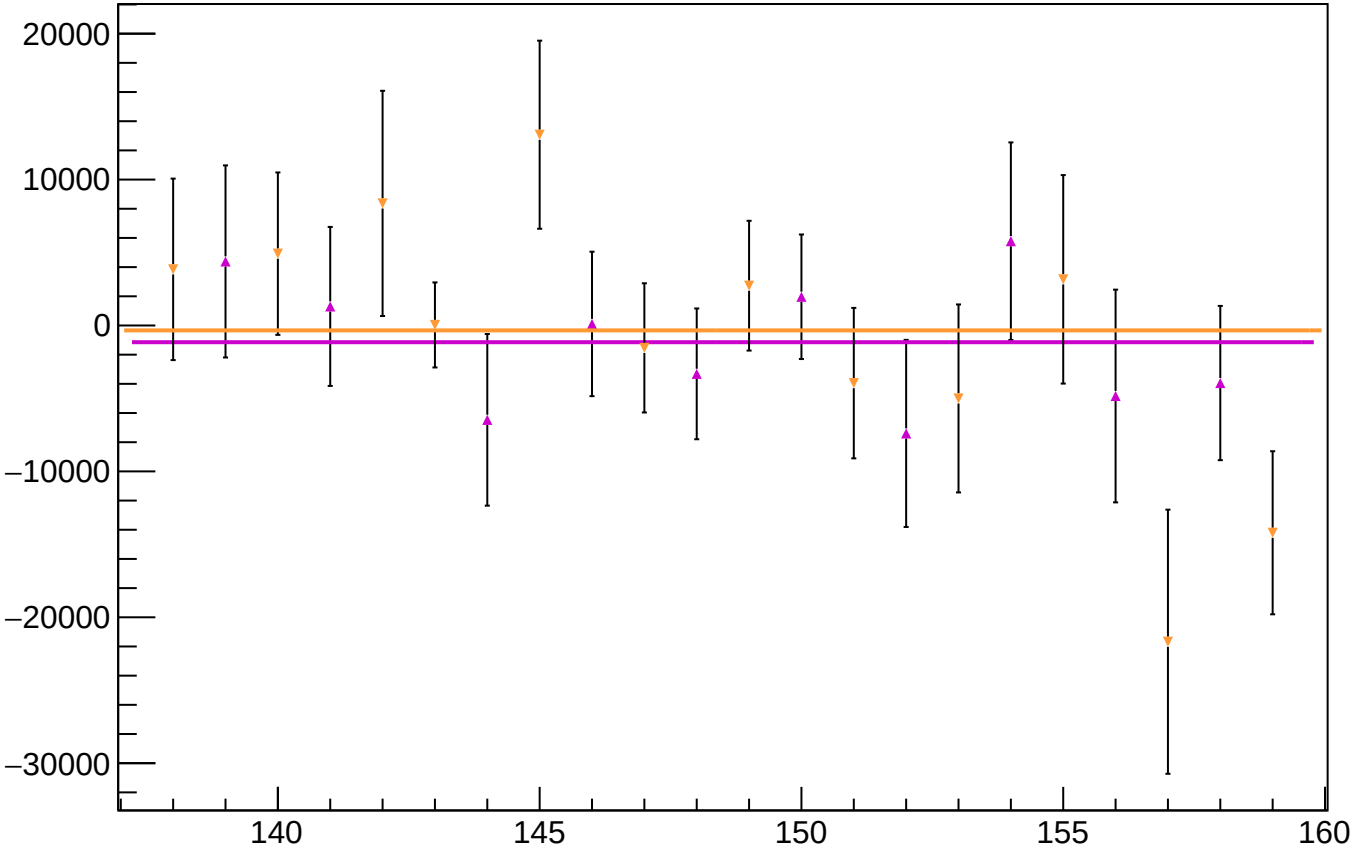
Left In: 1500.443+/-0.371 χ^2/NDF:46770.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1522.653+/-0.261 χ^2/NDF: 265971.9/21

- 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: -336.129+/-1500.968 χ^2/NDF:20.5/11

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

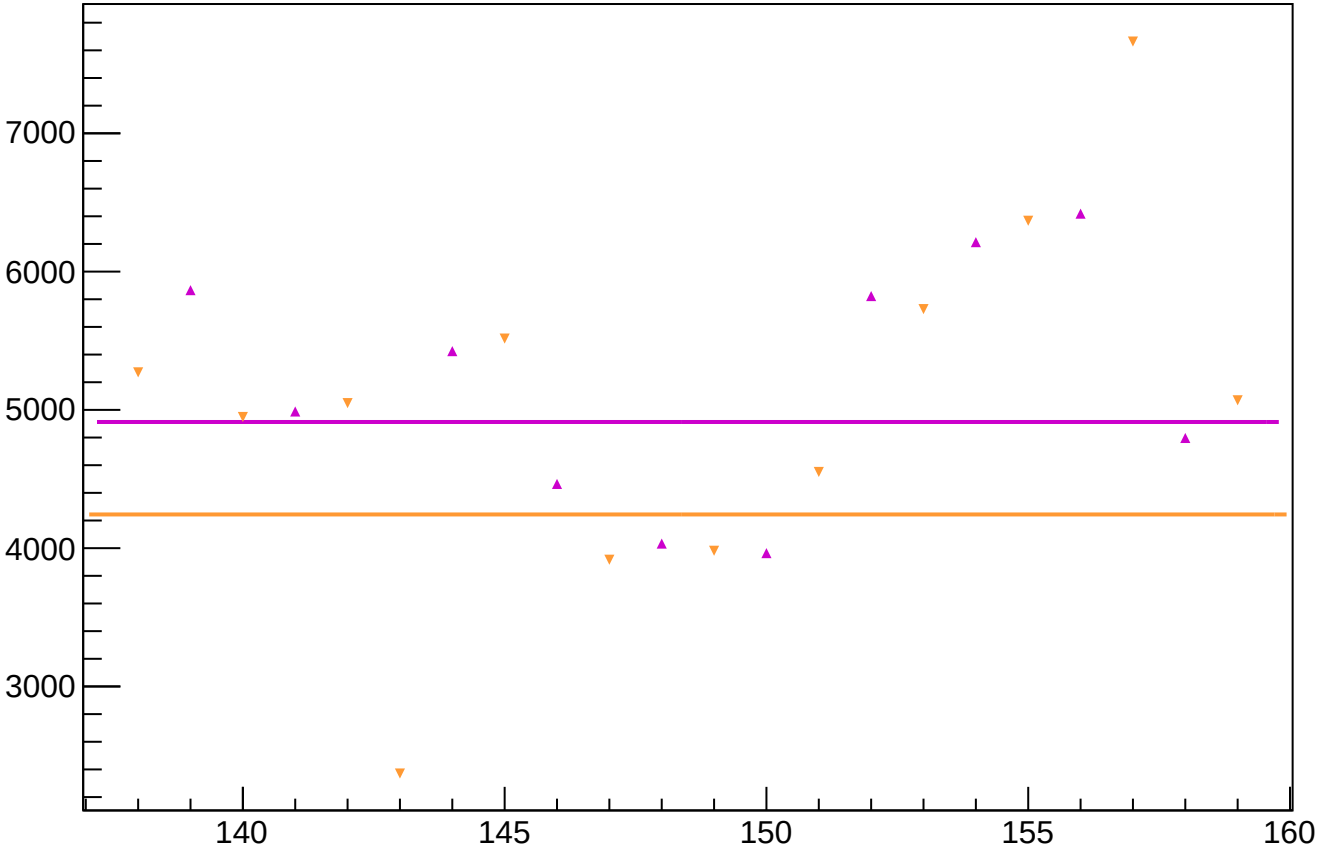
Left In: -1146.300+/-1735.736 χ^2/NDF:5.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -682.758+/-1135.345 χ^2/NDF: 25.7/21

- 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: 4243.839+/-1.061 χ^2/NDF:1649981.9/11

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

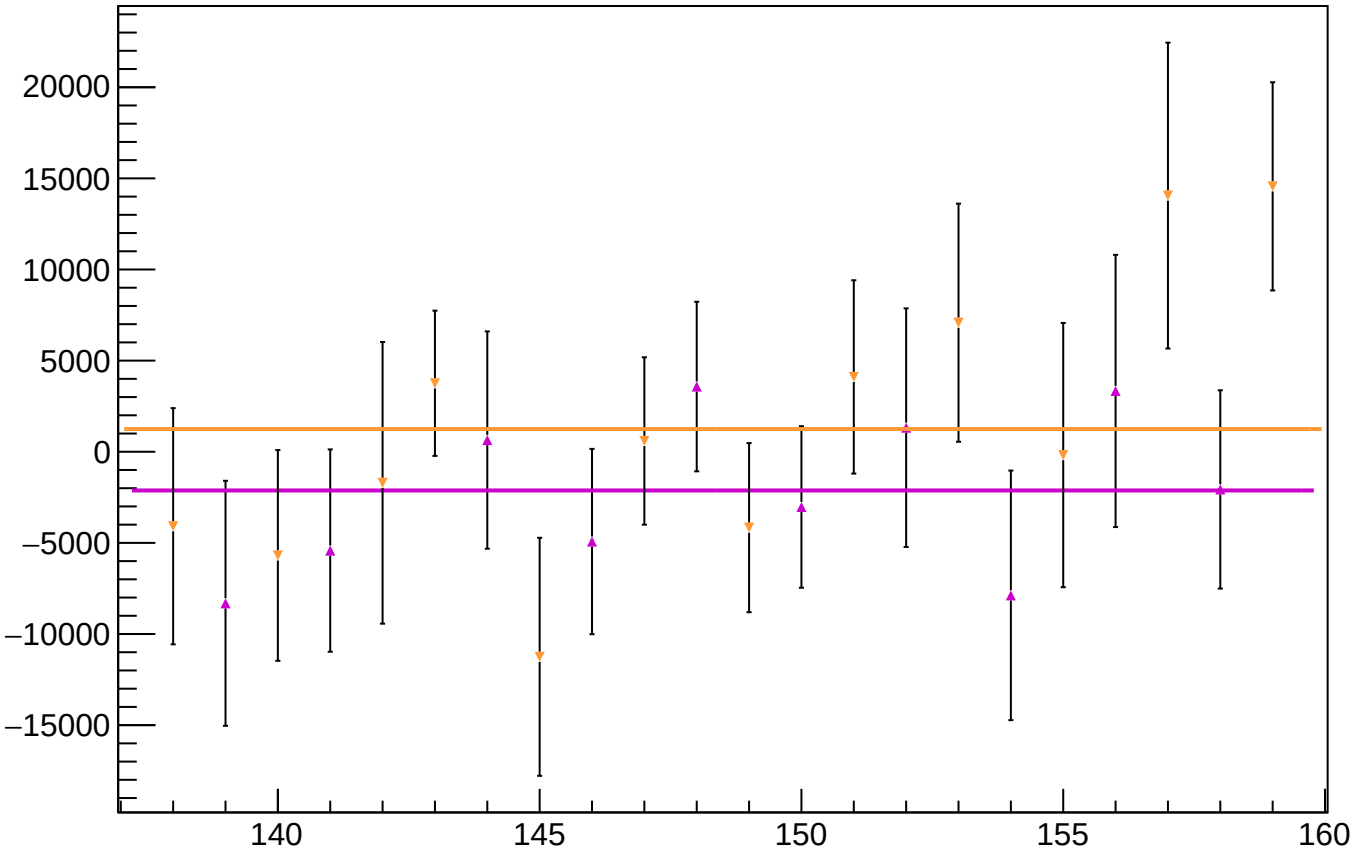
Left In: 4912.496+/-1.227 χ^2/NDF:450116.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4529.921+/-0.803 χ^2/NDF: 2269915.5/21

- 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: 1246.521+/-1635.866 χ^2/NDF:16.6/11

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

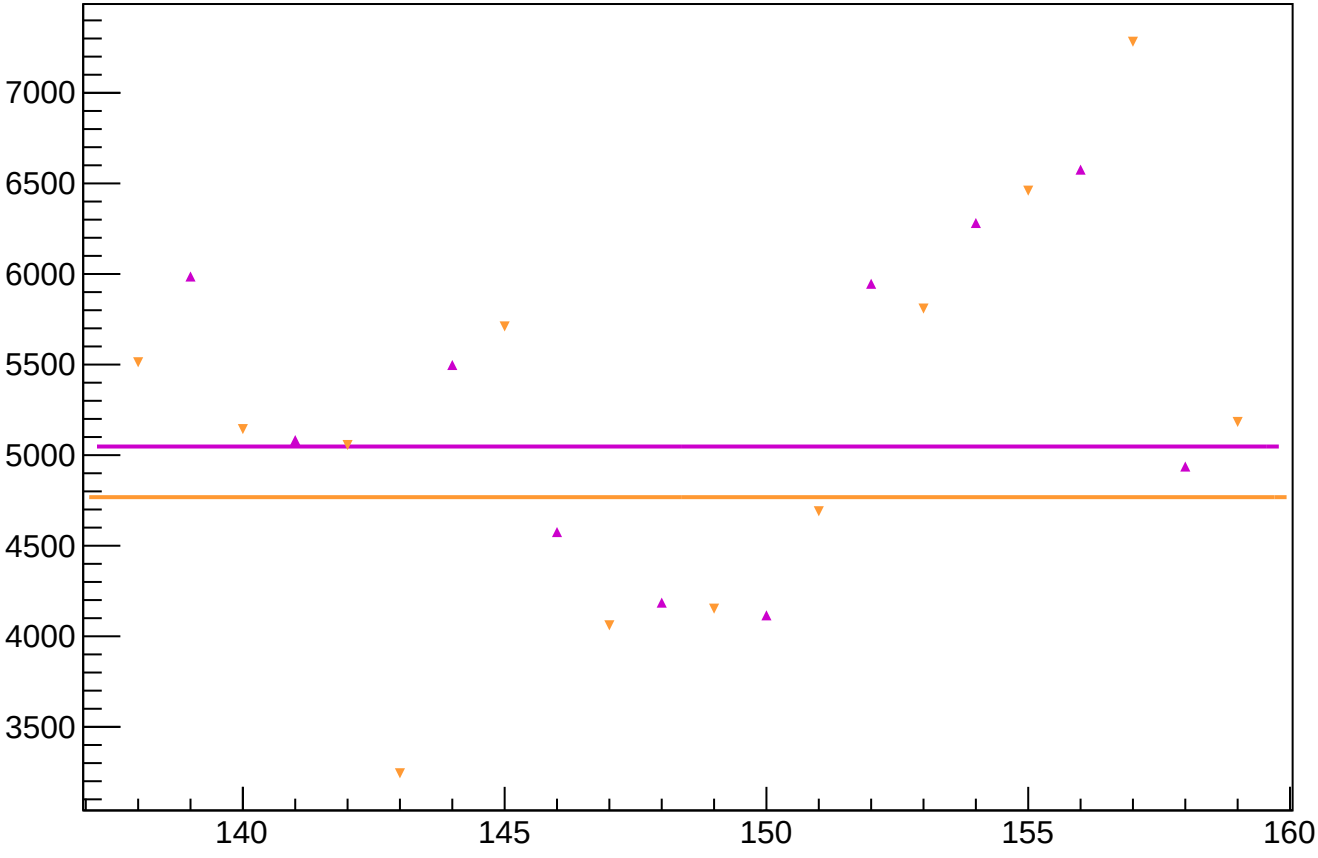
Left In: -2123.866+/-1781.879 χ^2/NDF:4.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -294.946+/-1205.051 χ^2/NDF: 23.3/21

- 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: 4768.058+/-1.157 χ^2/NDF:804971.4/11

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

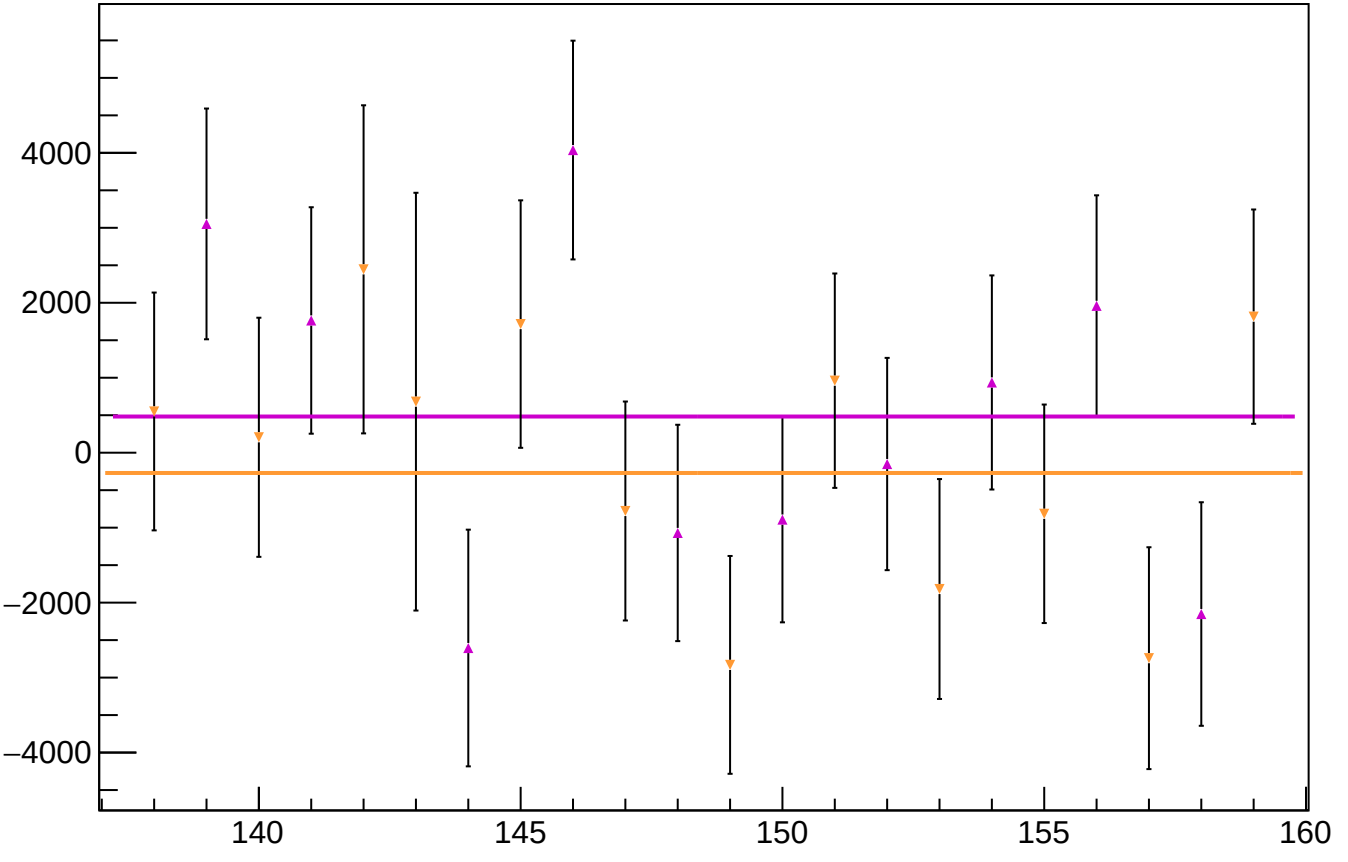
Left In: 5047.628+/-1.260 χ^2/NDF:412090.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4895.921+/-0.852 χ^2/NDF: 1243777.3/21

- 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: -270.437+/-456.026 χ^2/NDF:13.6/11

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

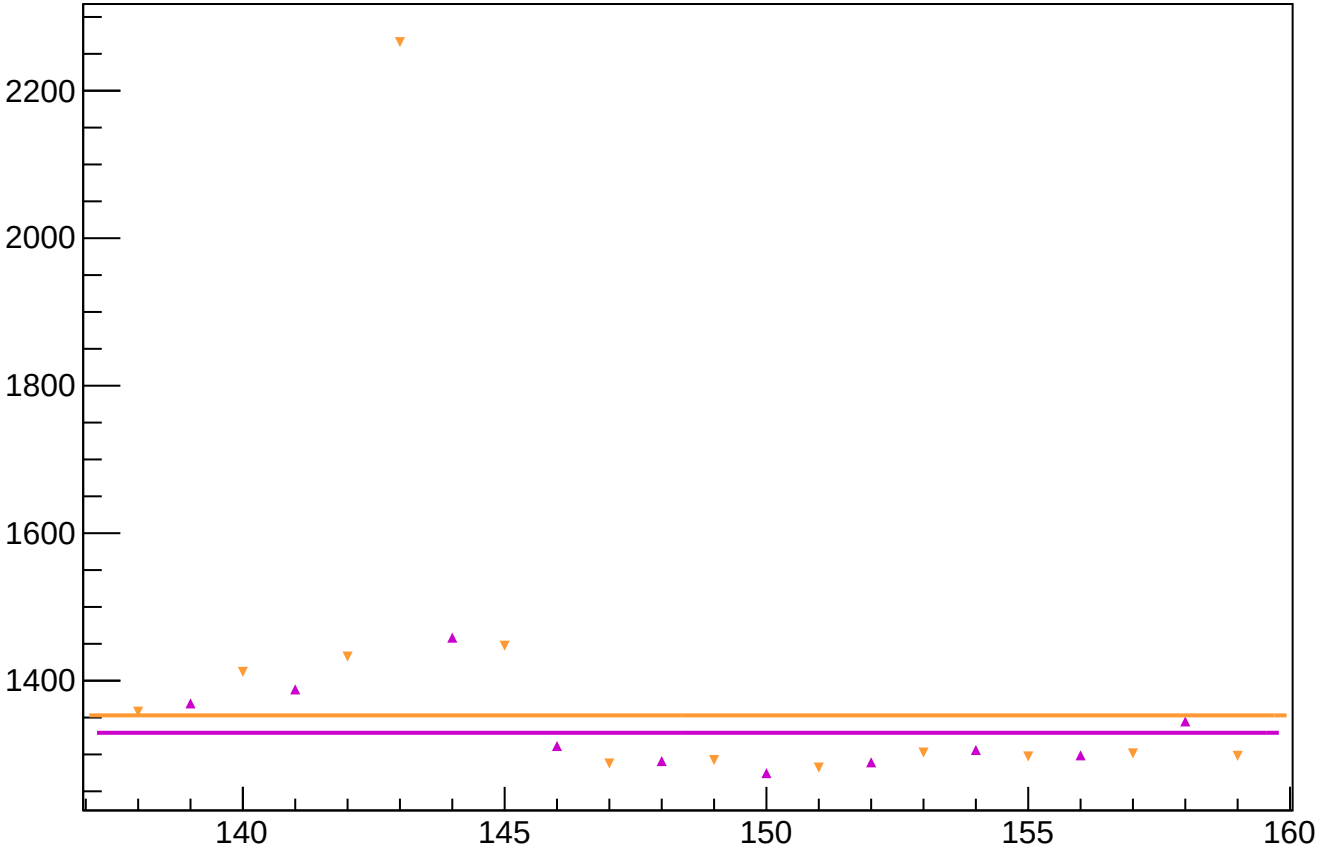
Left In: 482.637+/-464.097 χ^2/NDF:19.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 99.495+/-325.275 χ^2/NDF: 34.8/21

- 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: 1352.981+/-0.322 χ^2/NDF:249694.9/11

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

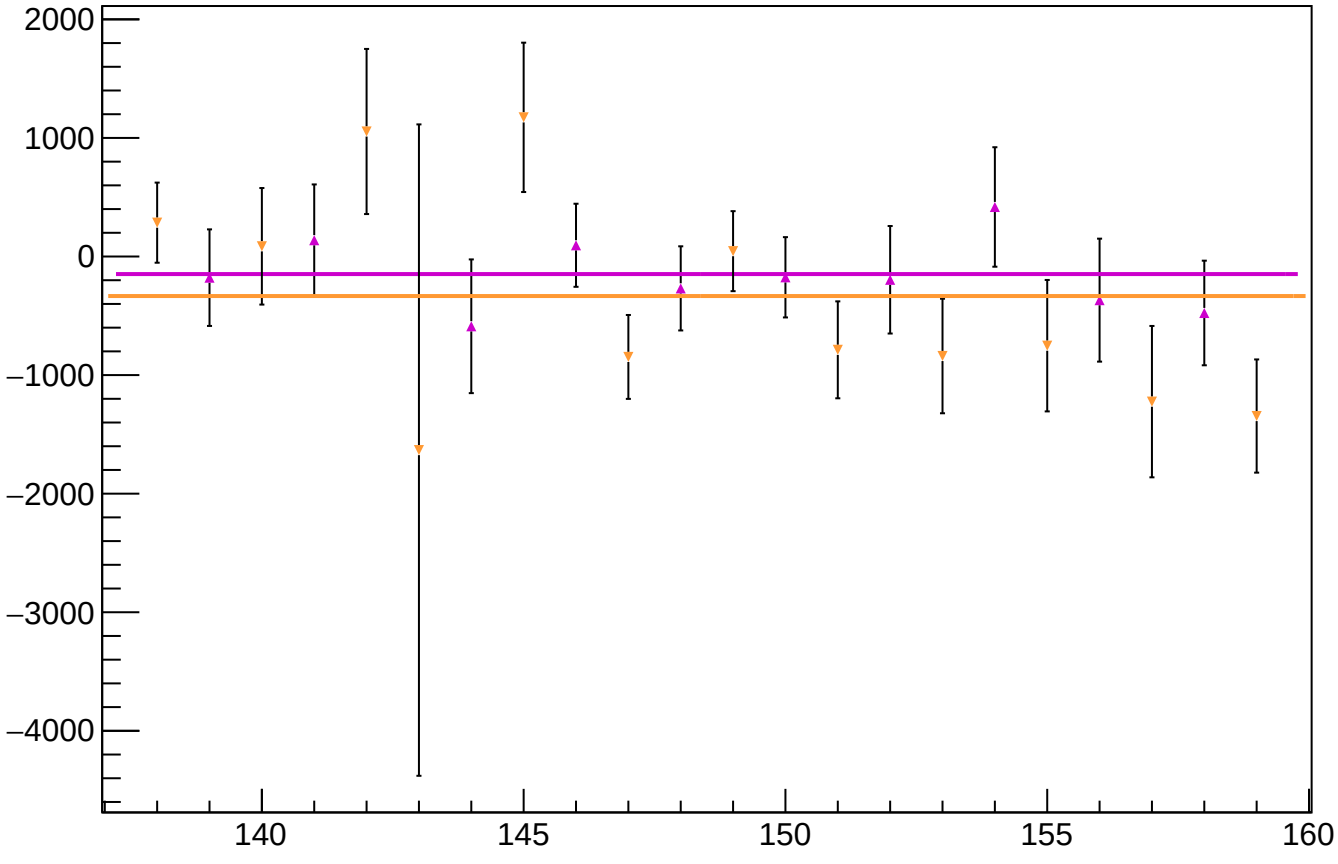
Left In: 1329.368+/-0.328 χ^2/NDF:25831.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1341.382+/-0.230 χ^2/NDF: 278160.7/21

- 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: -333.403+/-135.135 χ^2/NDF:26.7/11

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

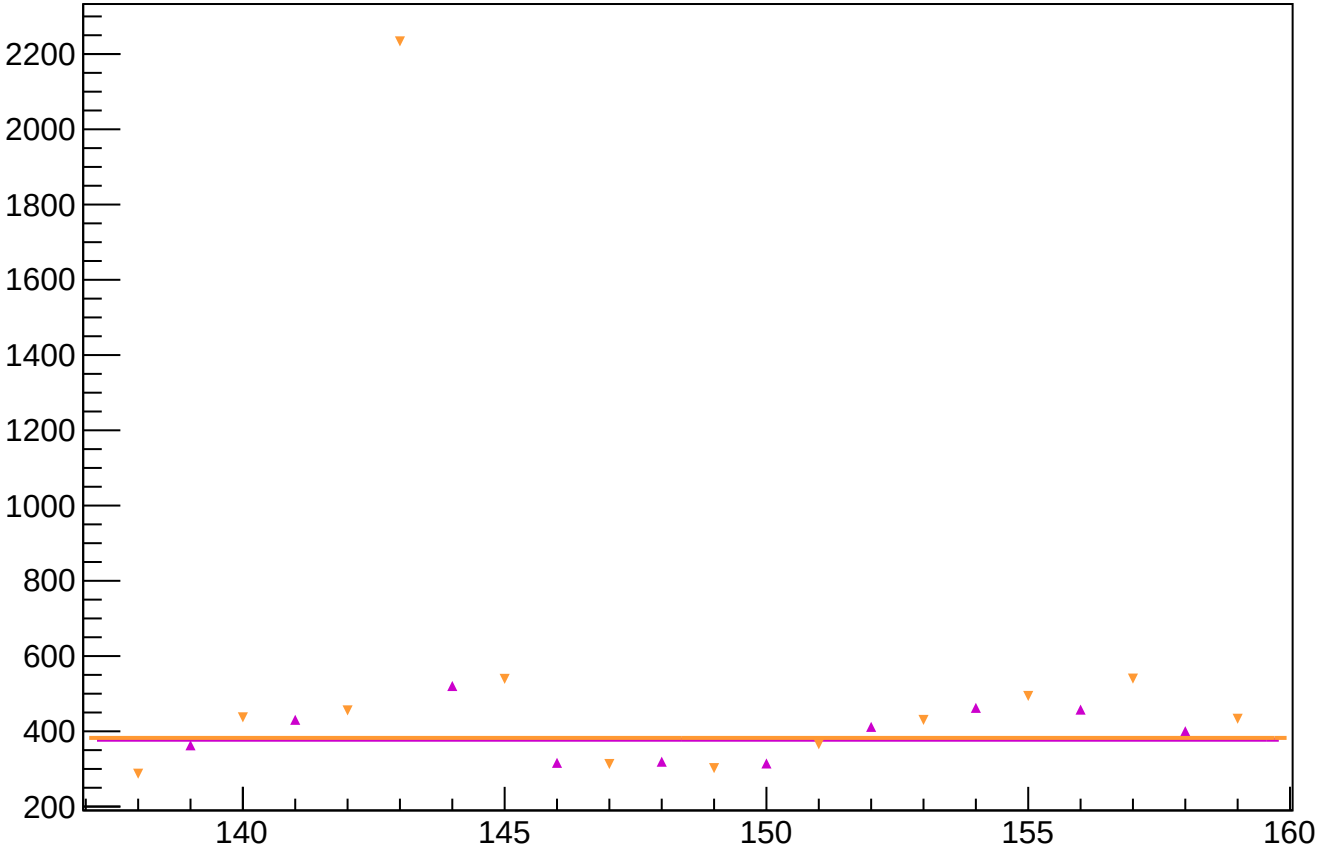
Left In: -148.107+/-133.419 χ^2/NDF:3.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -239.571+/-94.942 χ^2/NDF: 31.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 382.479+/-0.096 χ^2/NDF:1676637.9/11

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

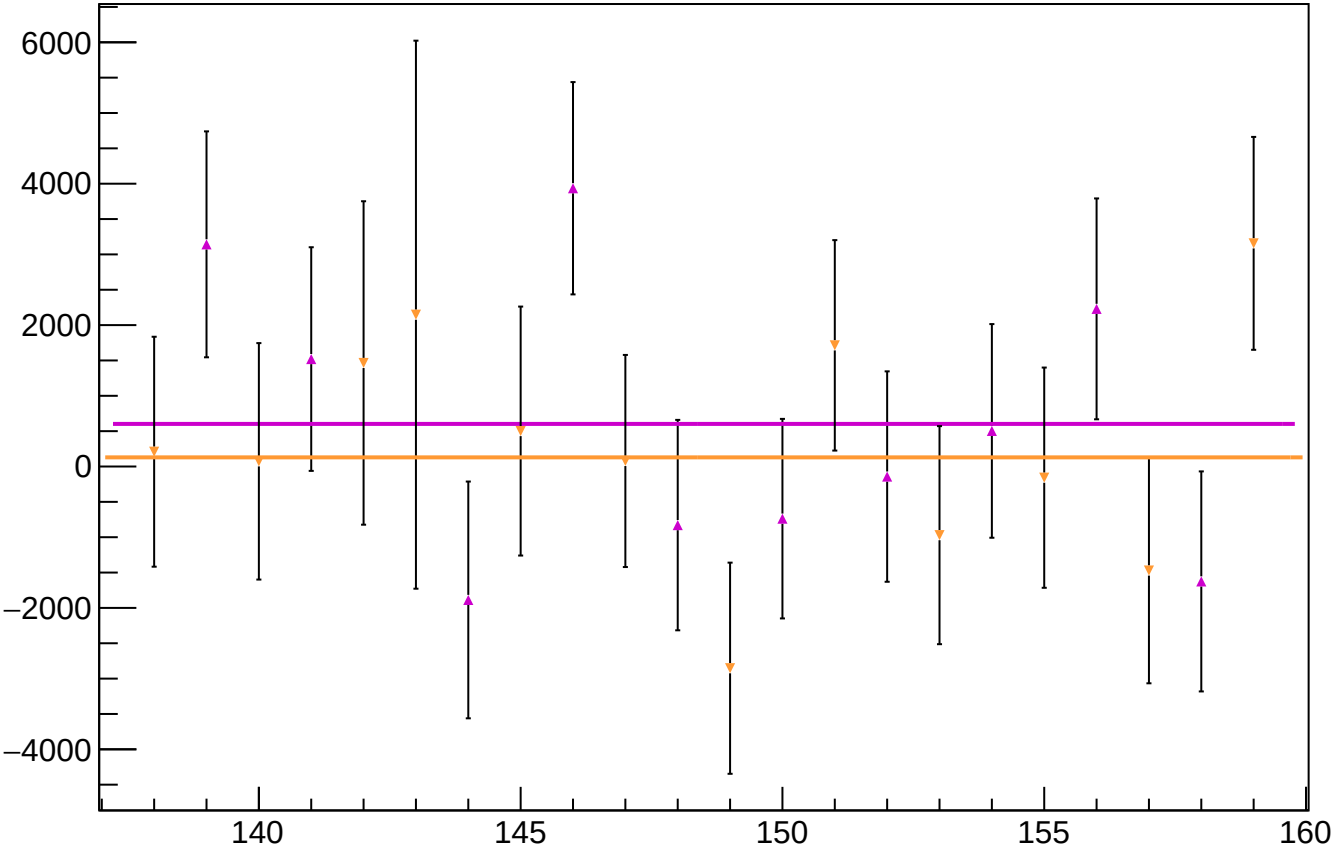
Left In: 377.659+/-0.094 χ^2/NDF:462188.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 380.038+/-0.067 χ^2/NDF: 2140115.0/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 129.282+/-480.716 χ^2/NDF:11.4/11

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

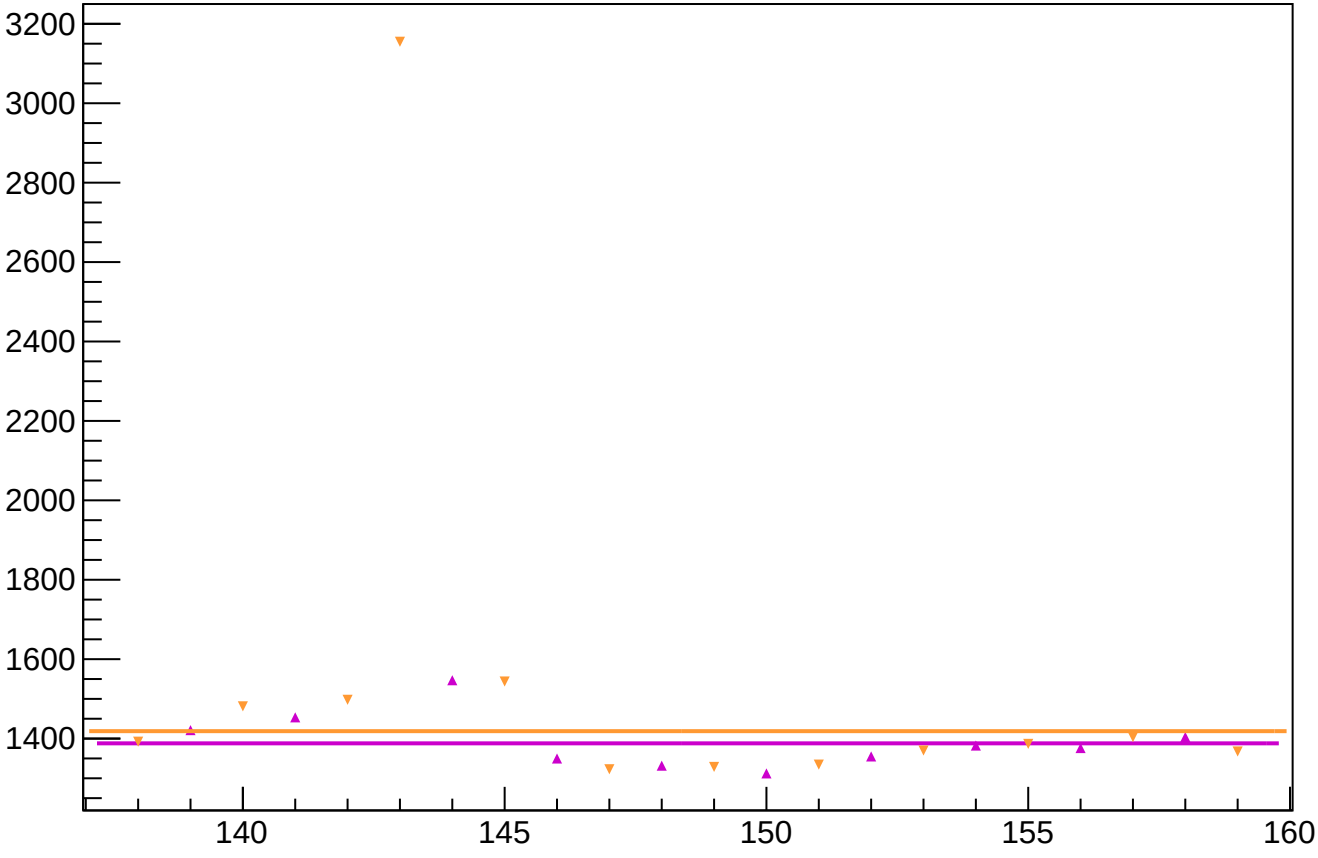
Left In: 602.483+/-484.624 χ^2/NDF:15.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 363.967+/-341.291 χ^2/NDF: 27.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1418.722+/-0.340 χ^2/NDF:444325.5/11

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

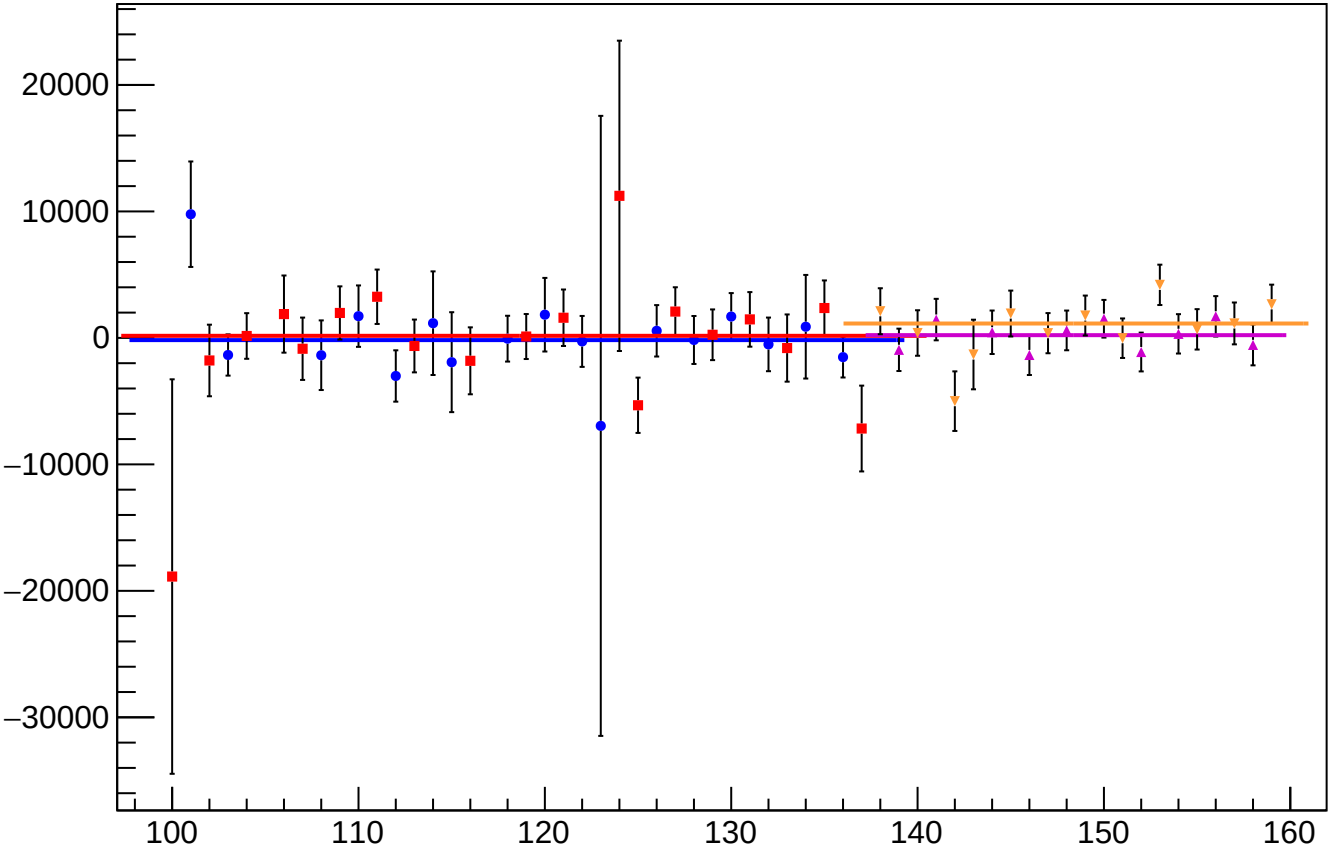
Left In: 1388.043+/-0.343 χ^2/NDF:33553.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1403.506+/-0.241 χ^2/NDF: 481918.5/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -174.841+/-554.659 χ^2/NDF: 11.8/16

Left Out: 1137.320+/-499.971 χ^2/NDF:13.9/11

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

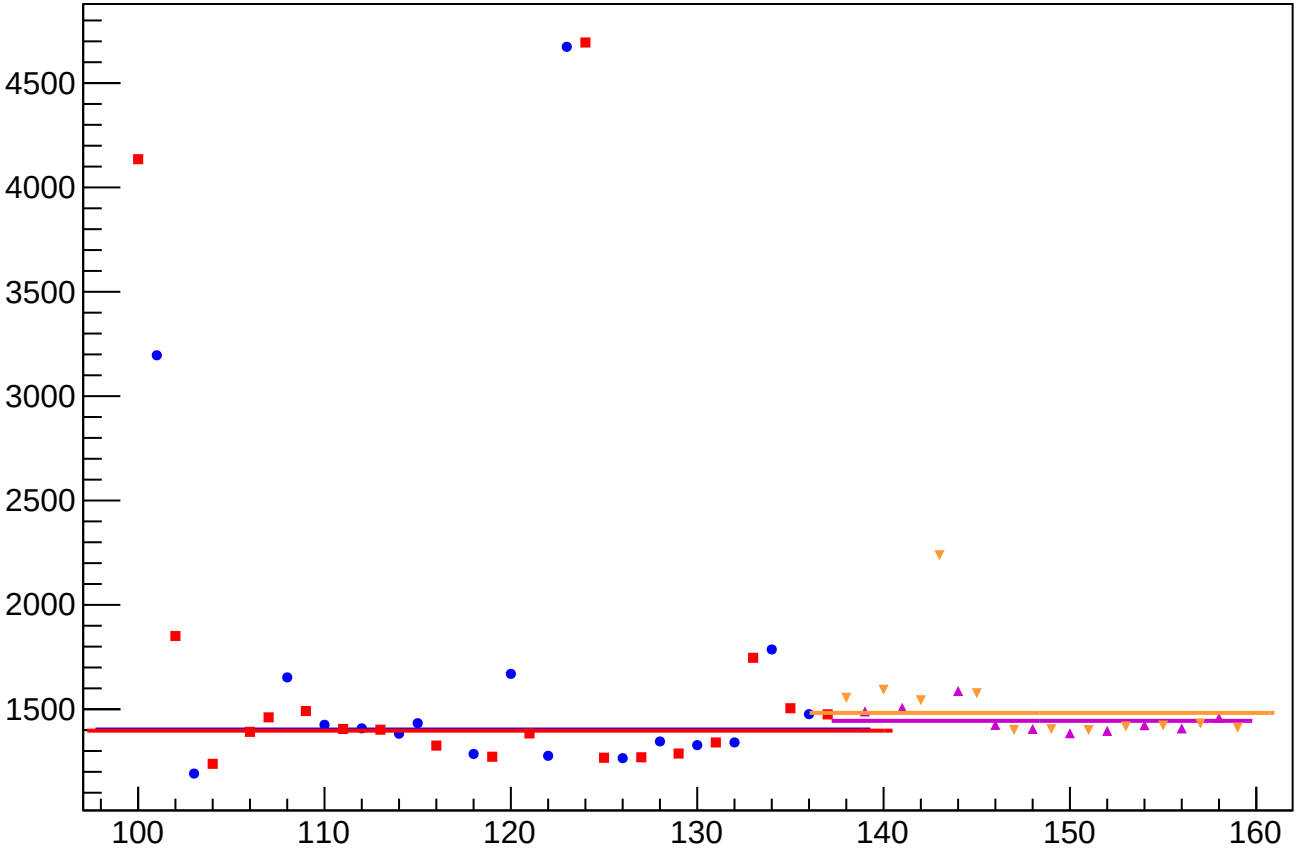
Left In: 216.449+/-504.122 χ^2/NDF:4.7/9

+ sign 549.099+/-371.366 χ^2/NDF: 28.7/28

All: 369.417+/-261.588 χ^2/NDF: 54.6/57

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

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1482.510+/-0.354 χ^2/NDF:196143.1/11

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

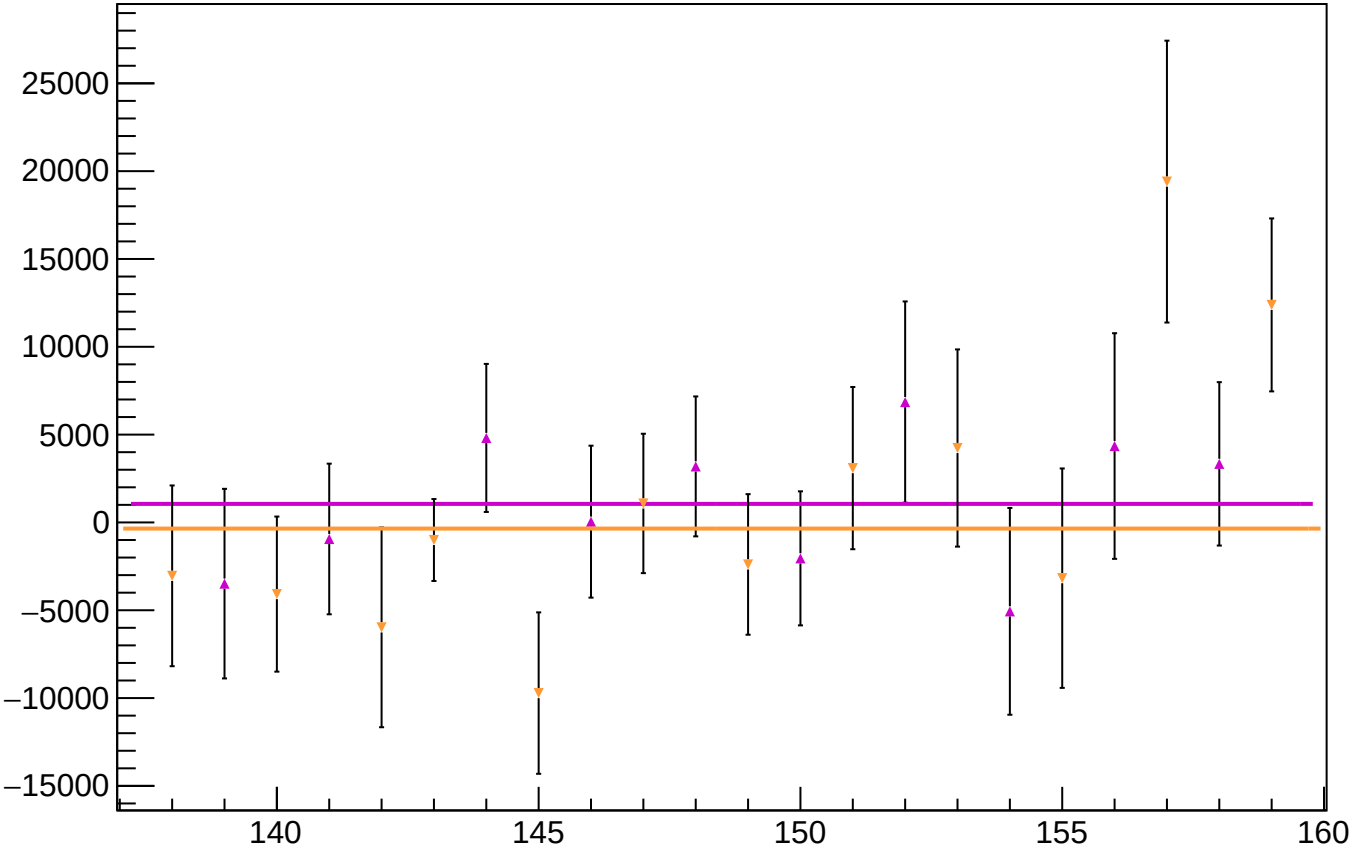
Left In: 1444.407+/-0.356 χ^2/NDF:26404.1/9

+ sign 1446.736+/-0.263 χ^2/NDF: 745310.6/28

All: 1434.536+/-0.185 χ^2/NDF: 1137450.1/57

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

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -349.993+/-1251.815 χ^2/NDF:20.8/11

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

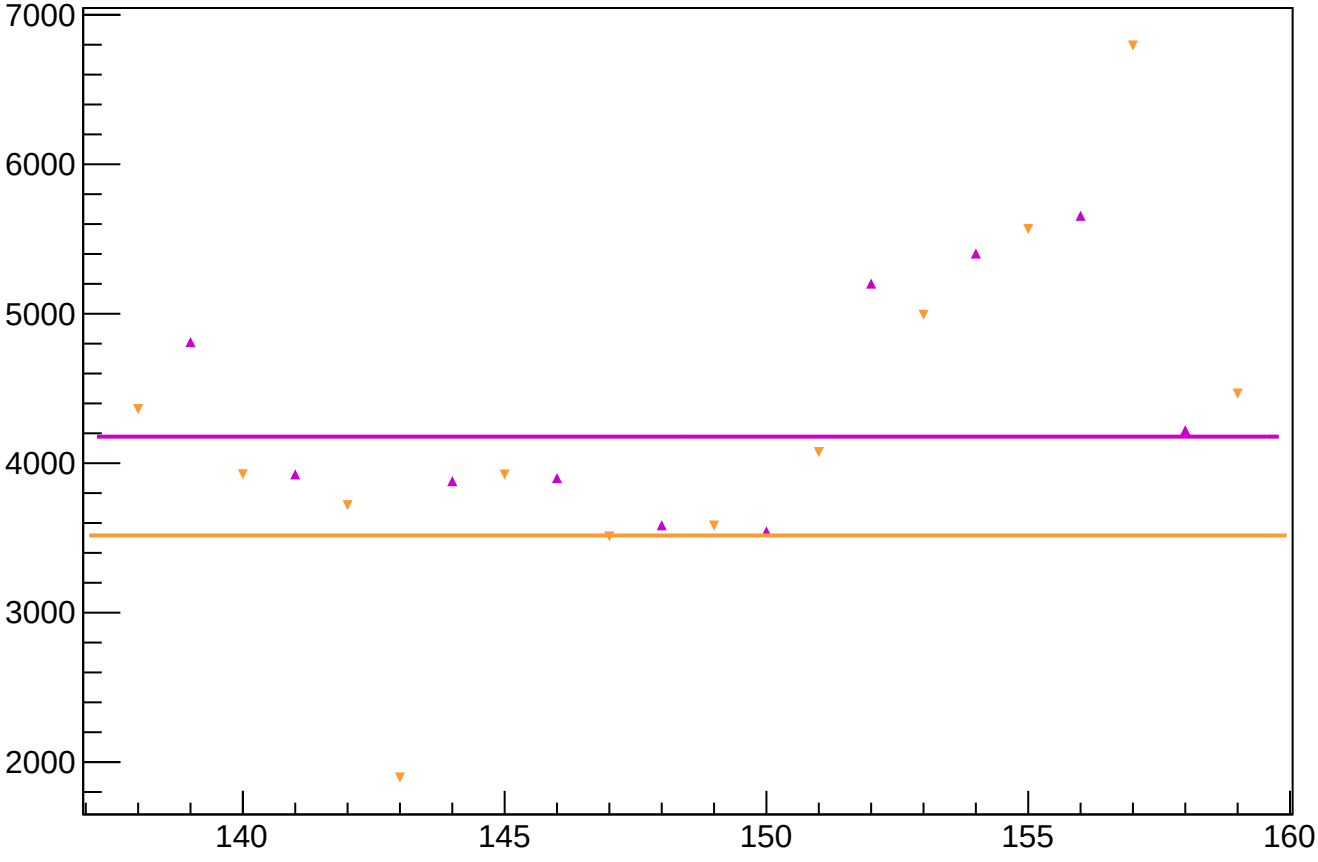
Left In: 1055.219+/-1474.559 χ^2/NDF:5.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 238.569+/-954.305 χ^2/NDF: 26.6/21

- 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: 3516.600+/-0.885 χ^2/NDF:1845574.0/11

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

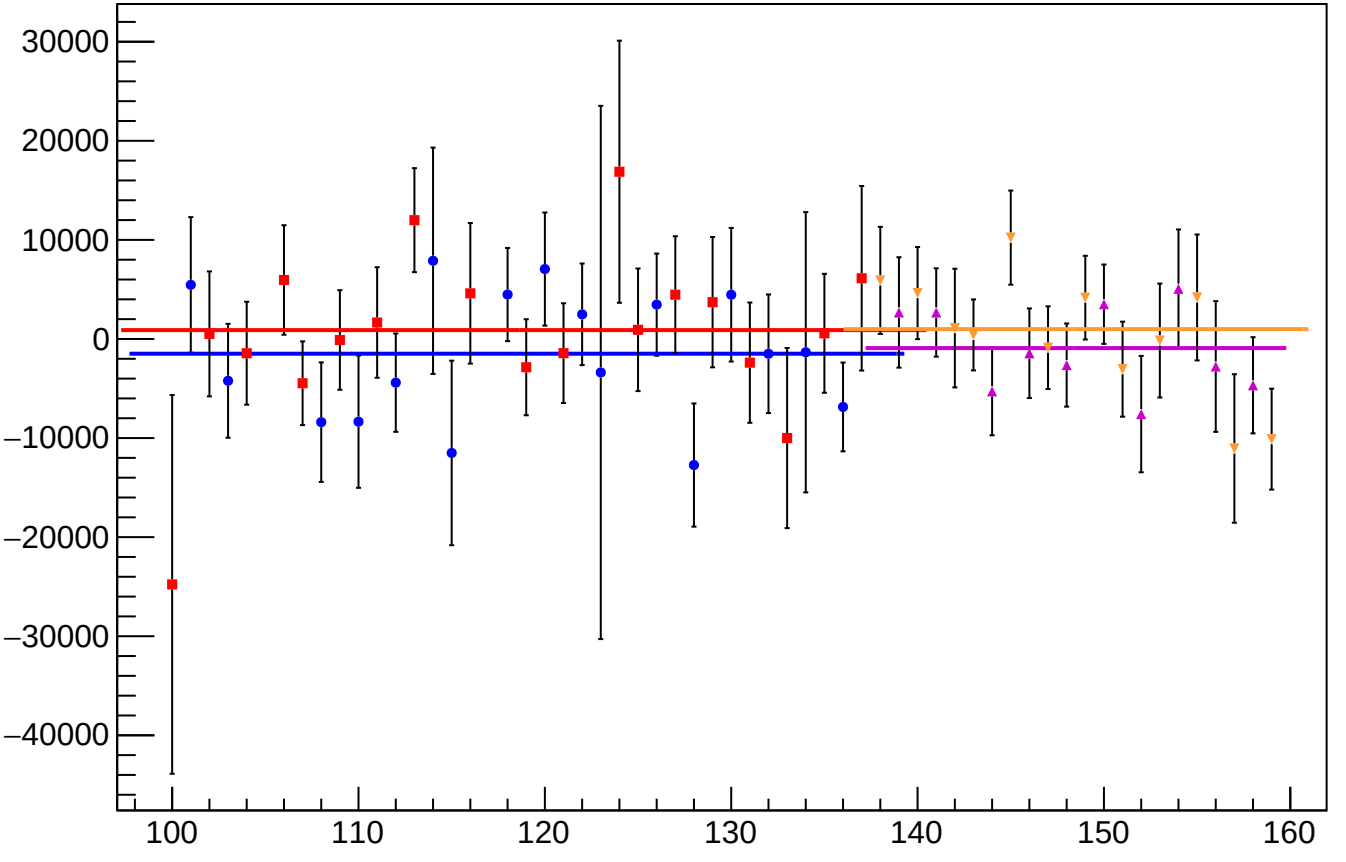
Left In: 4177.719+/-1.043 χ^2/NDF:408560.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3793.504+/-0.675 χ^2/NDF: 2487780.5/21

- 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: 994.307+/-1415.729 χ^2/NDF:14.4/11

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

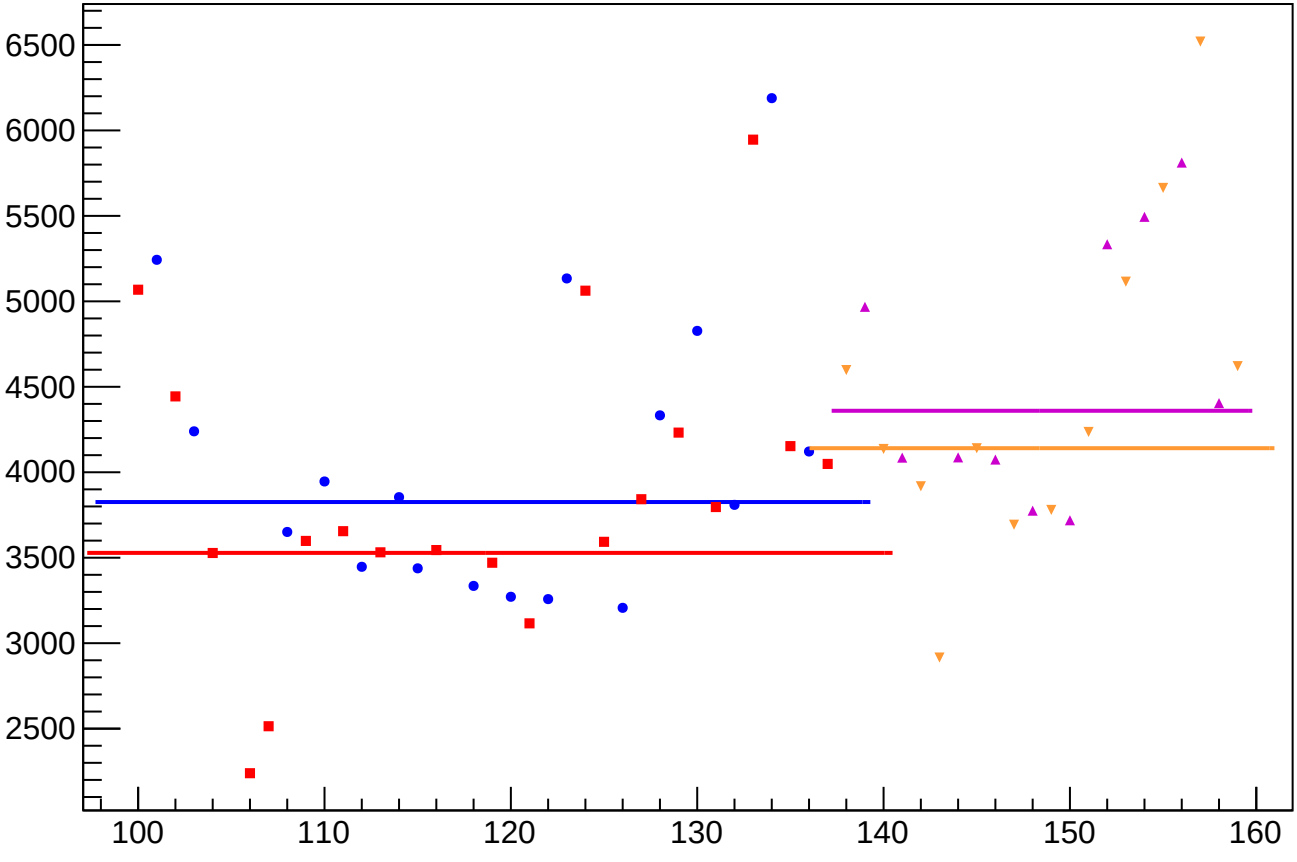
Left In: -920.091+/-1536.162 χ^2/NDF:6.4/9

+ sign -175.438+/-1029.289 χ^2/NDF: 32.5/28

All: -45.011+/-726.702 χ^2/NDF: 53.8/57

- sign 84.619+/-1026.142 χ^2/NDF: 21.3/28

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4140.850+/-1.001 χ^2/NDF:680707.9/11

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

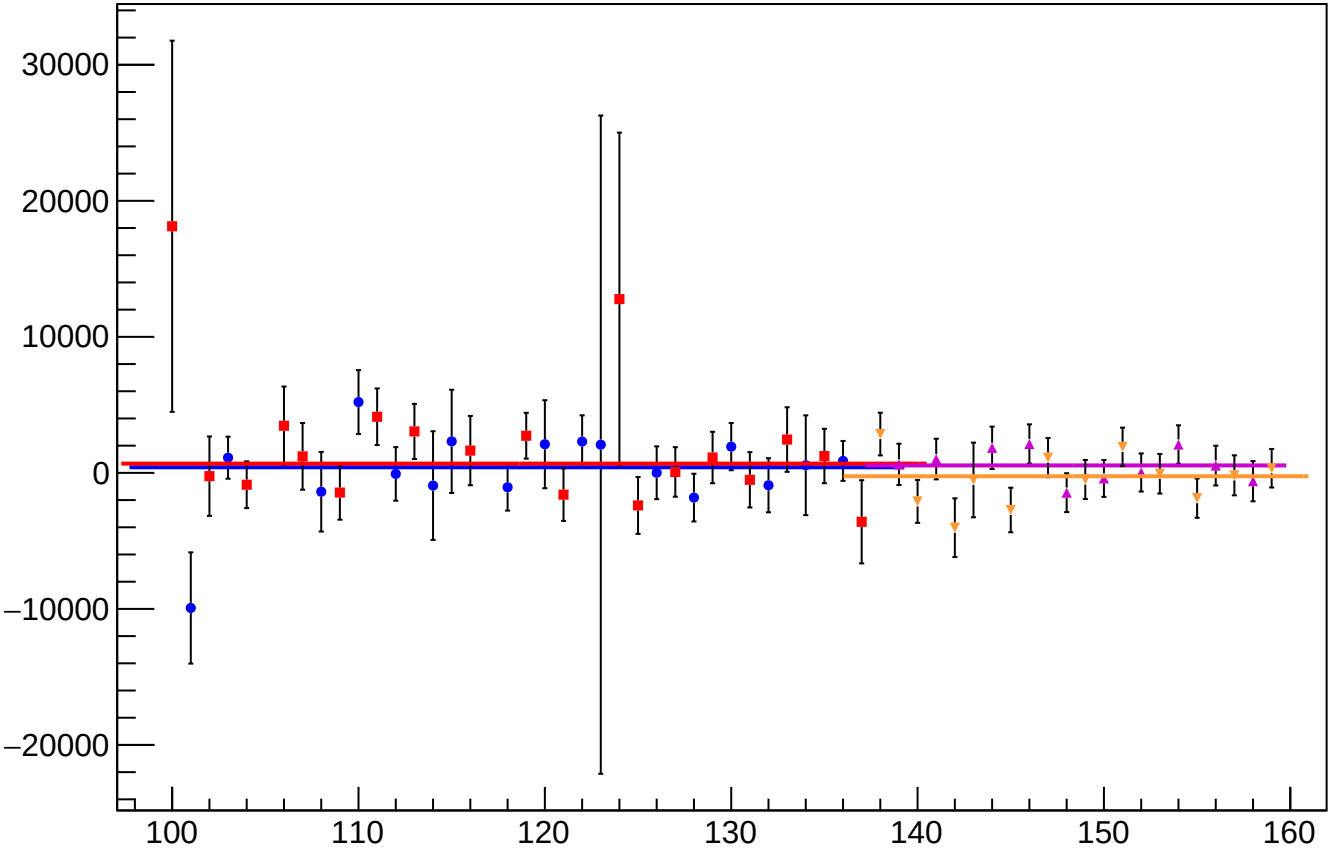
Left In: 4359.721+/-1.086 χ^2/NDF:360833.8/9

+ sign 3992.347+/-0.728 χ^2/NDF: 1061791.6/28

All: 3943.548+/-0.513 χ^2/NDF: 2314053.1/57

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

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -246.878+/-451.410 χ^2/NDF:15.3/11

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

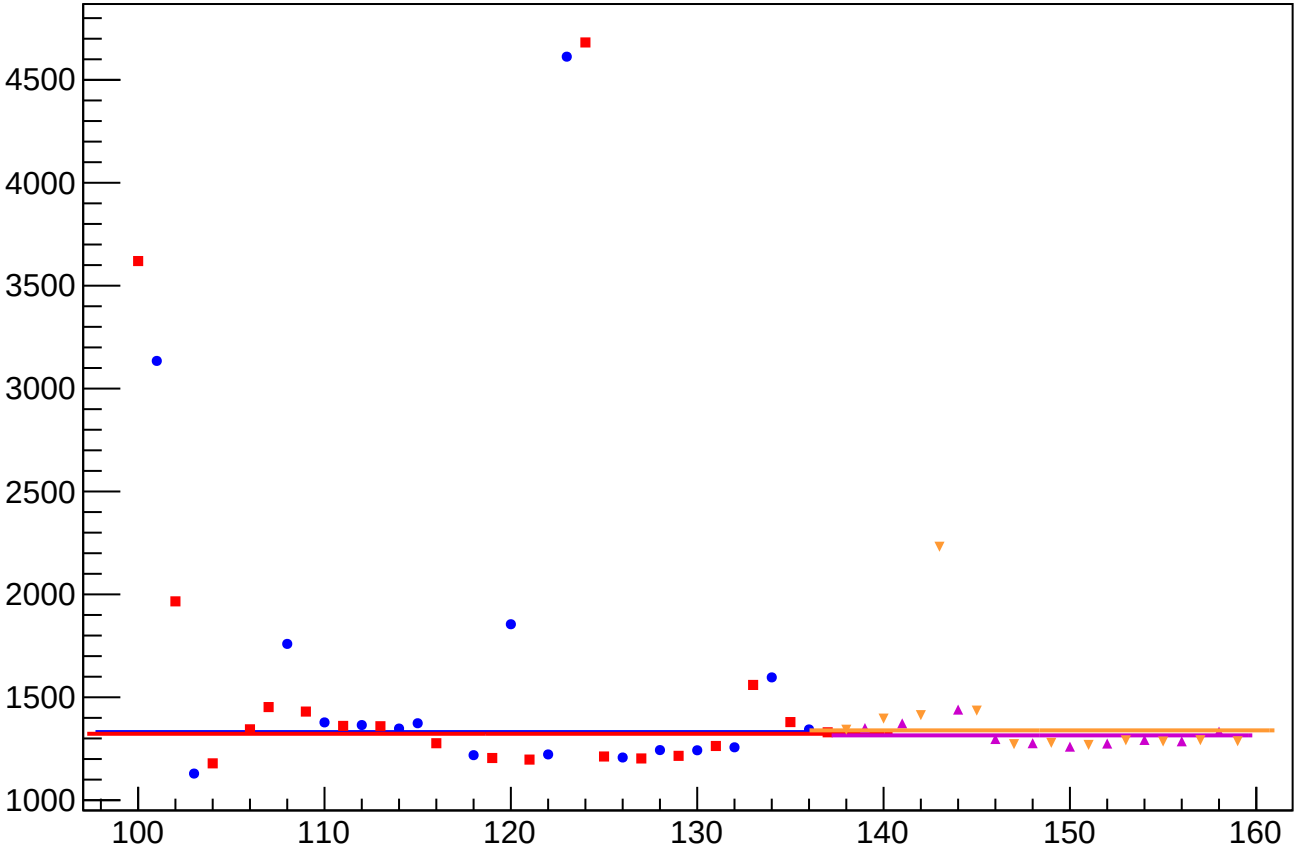
Left In: 547.789+/-459.055 χ^2/NDF:6.4/9

+ sign 31.116+/-343.103 χ^2/NDF: 32.8/28

All: 321.073+/-241.954 χ^2/NDF: 58.6/57

- sign 607.911+/-341.253 χ^2/NDF: 24.5/28

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1339.252+/-0.319 χ^2/NDF:246072.9/11

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

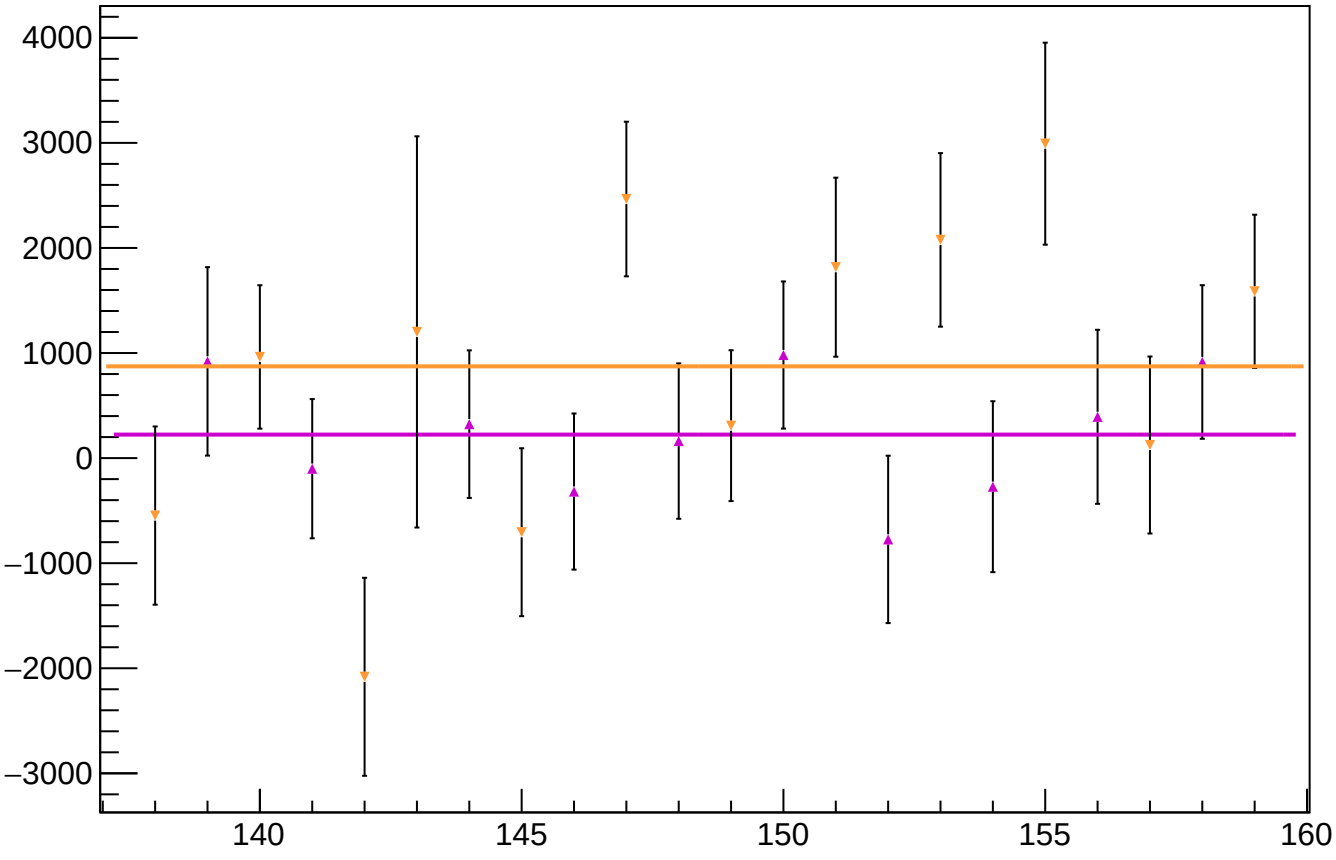
Left In: 1314.922+/-0.325 χ^2/NDF:25214.2/9

+ sign 1335.720+/-0.243 χ^2/NDF: 849837.2/28

All: 1327.016+/-0.171 χ^2/NDF: 1272283.2/57

- sign 1318.404+/-0.241 χ^2/NDF: 419885.0/28

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 873.385+/-238.908 χ^2/NDF:31.8/11

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

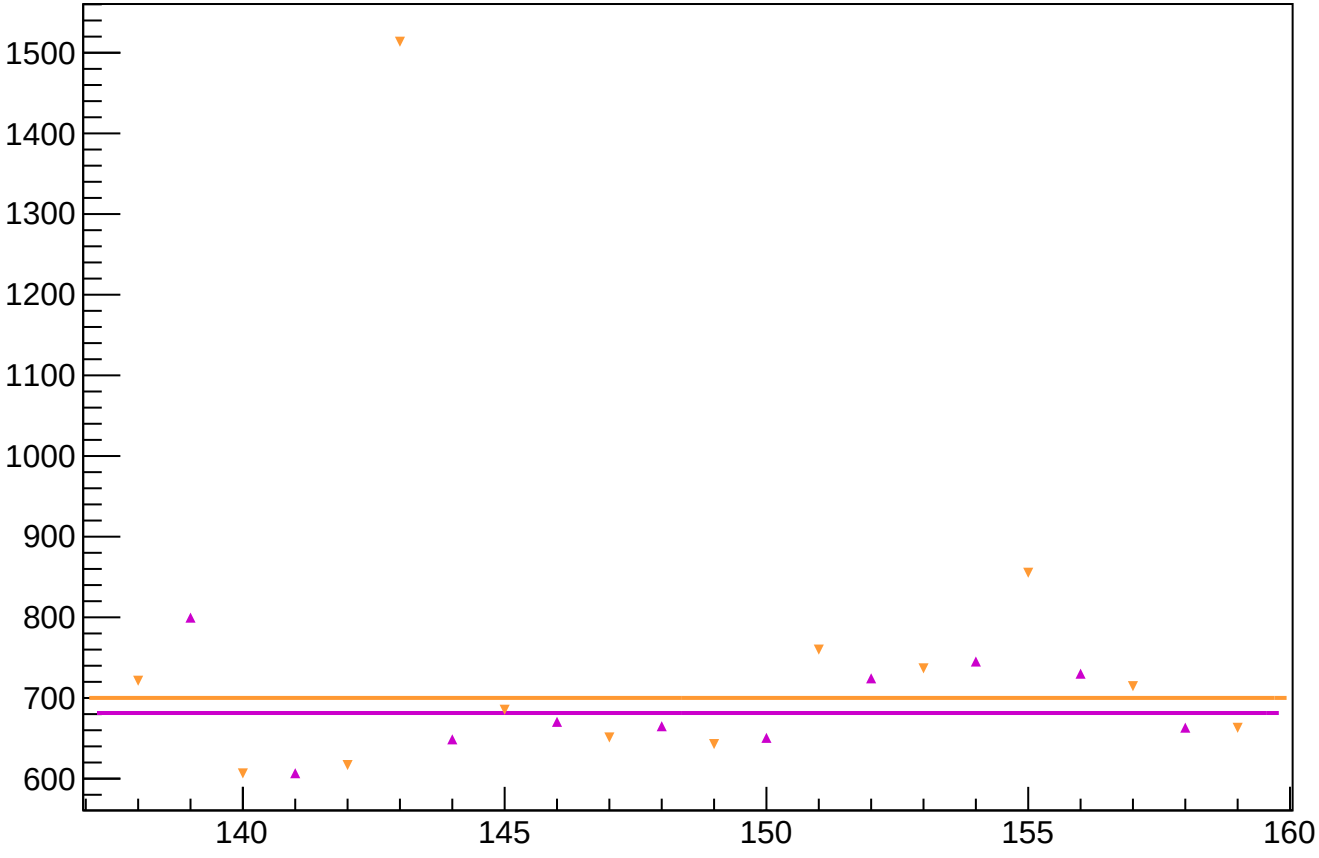
Left In: 223.694+/-238.050 χ^2/NDF:5.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 547.371+/-168.629 χ^2/NDF: 41.0/21

- 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: 700.091+/-0.169 χ^2/NDF:530445.9/11

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

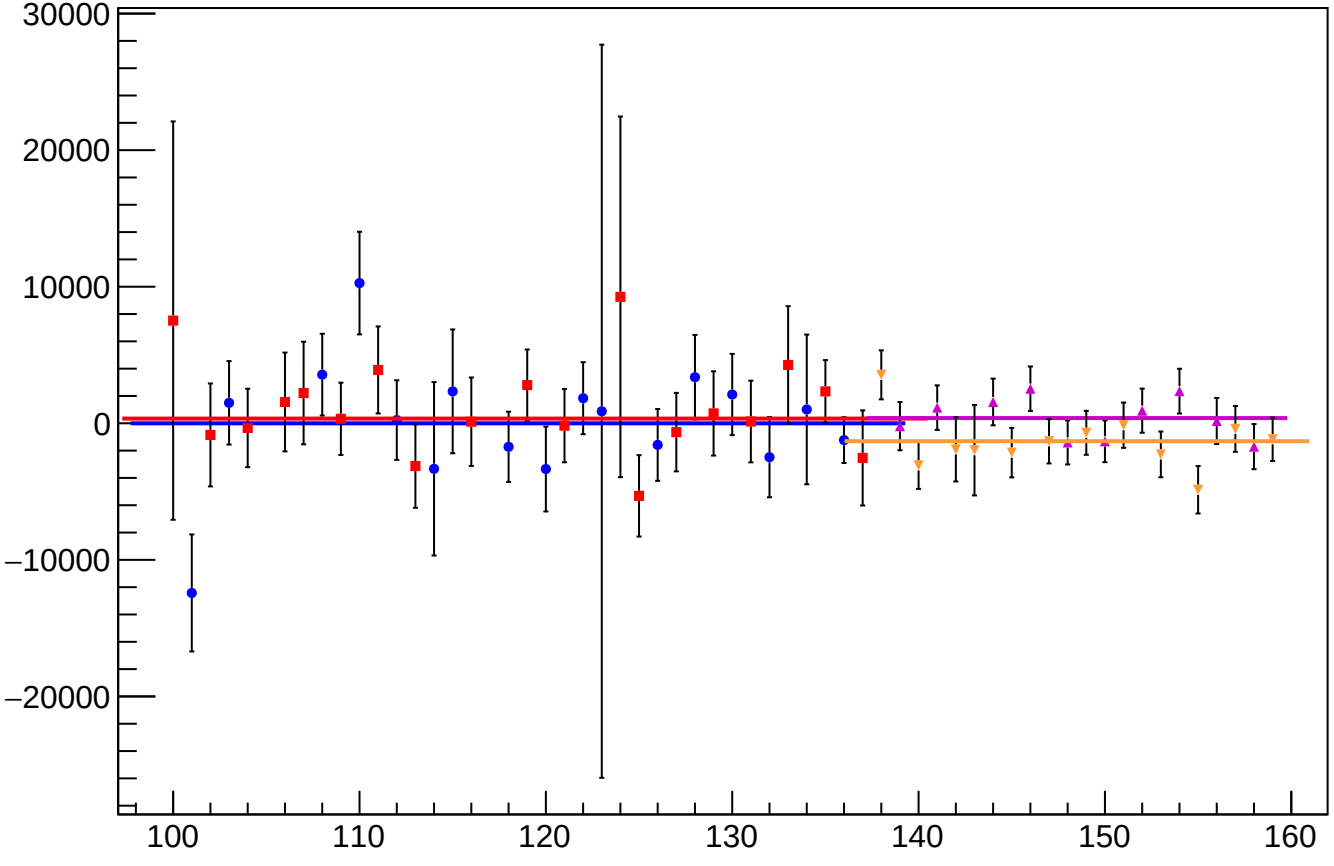
Left In: 681.377+/-0.168 χ^2/NDF:96081.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 690.700+/-0.119 χ^2/NDF: 632685.6/21

- 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: -1310.545+/-513.575 χ^2/NDF:14.2/11

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

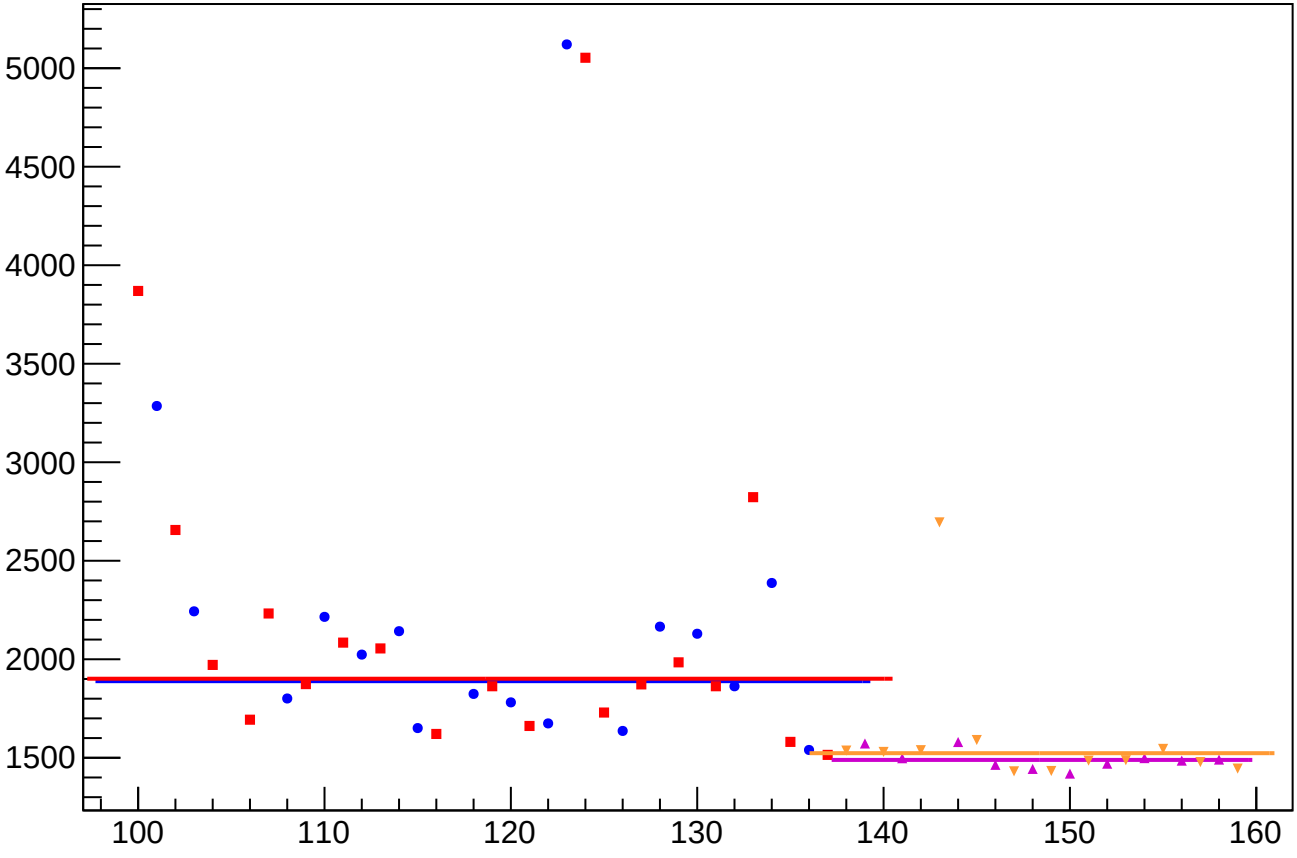
Left In: 381.988+/-519.496 χ^2/NDF:8.2/9

+ sign -889.130+/-422.850 χ^2/NDF: 39.8/28

All: -261.405+/-299.400 χ^2/NDF: 63.1/57

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

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1523.347+/-0.363 χ^2/NDF:274567.8/11

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

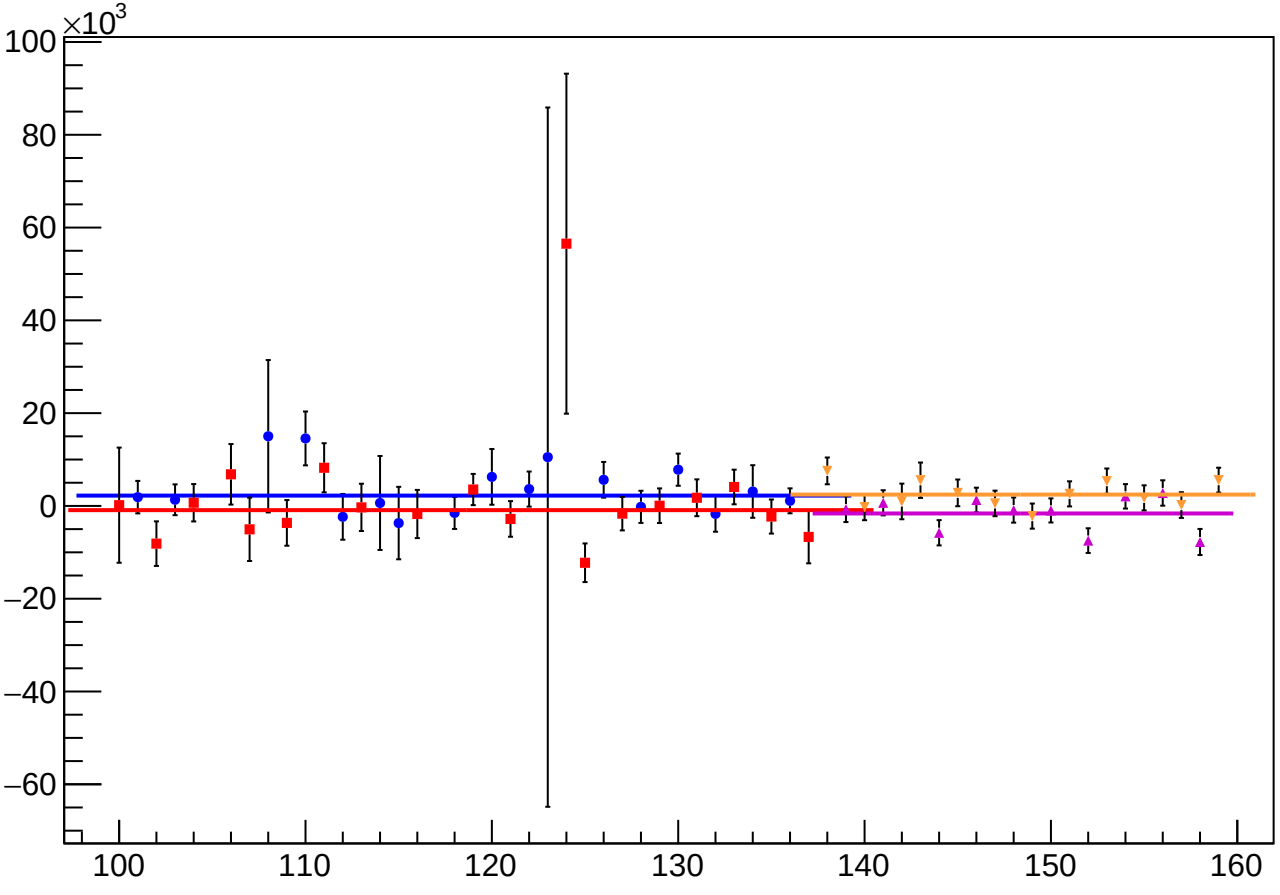
Left In: 1489.135+/-0.367 χ^2/NDF:16719.1/9

+ sign 1641.064+/-0.299 χ^2/NDF: 1066625.0/28

All: 1633.924+/-0.212 χ^2/NDF: 1966192.2/57

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

dit_asym_atl1_mean vs Slug



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

Left Out: 2446.125+/-831.017 χ^2/NDF:11.5/11

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

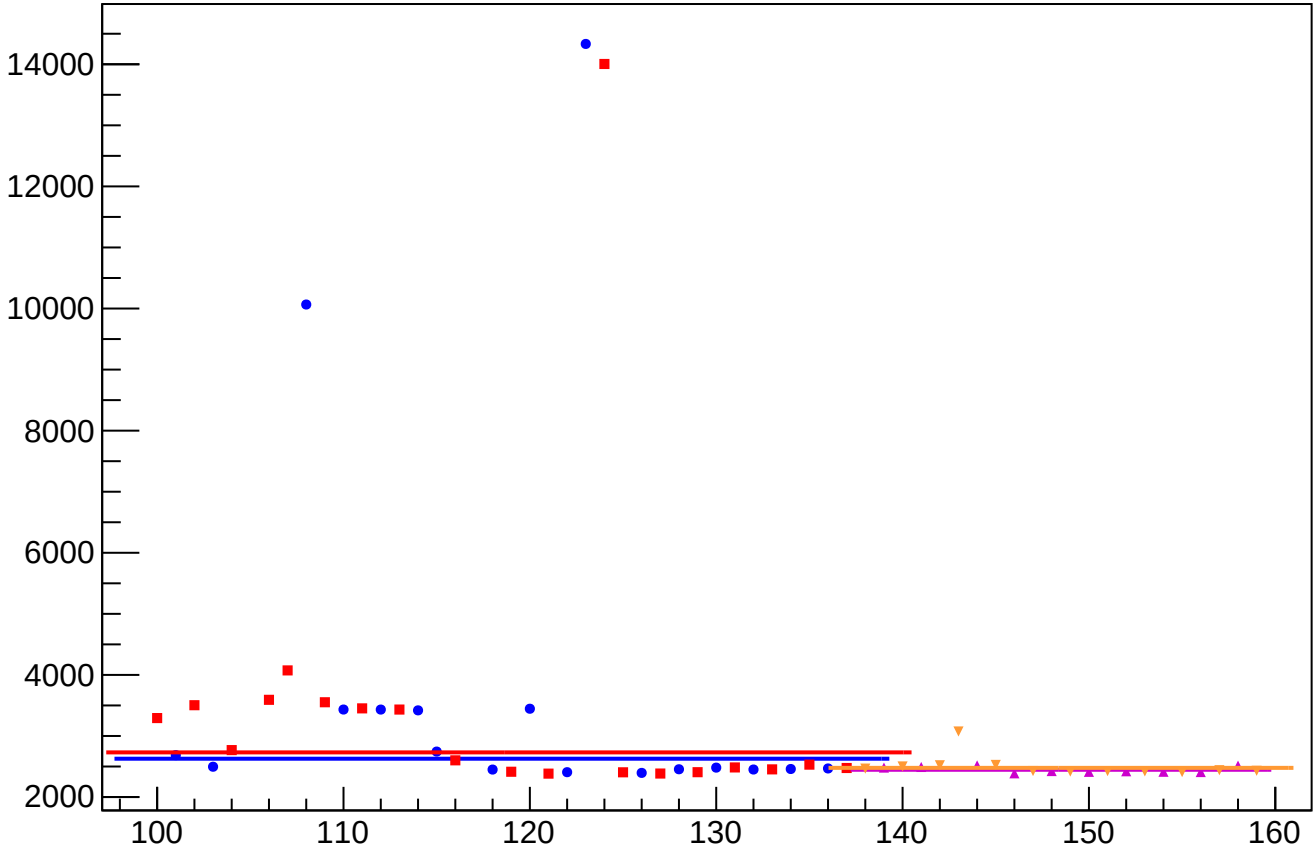
Left In: -1624.572+/-854.082 χ^2/NDF:18.7/9

+ sign 2360.866+/-649.041 χ^2/NDF: 25.1/28

All: 547.308+/-463.381 χ^2/NDF: 82.9/57

- sign -1338.156+/-661.783 χ^2/NDF: 41.9/28

dit_asym_atl1_rms vs Slug



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

Left Out: 2477.785+/-0.588 χ^2/NDF:55566.8/11

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

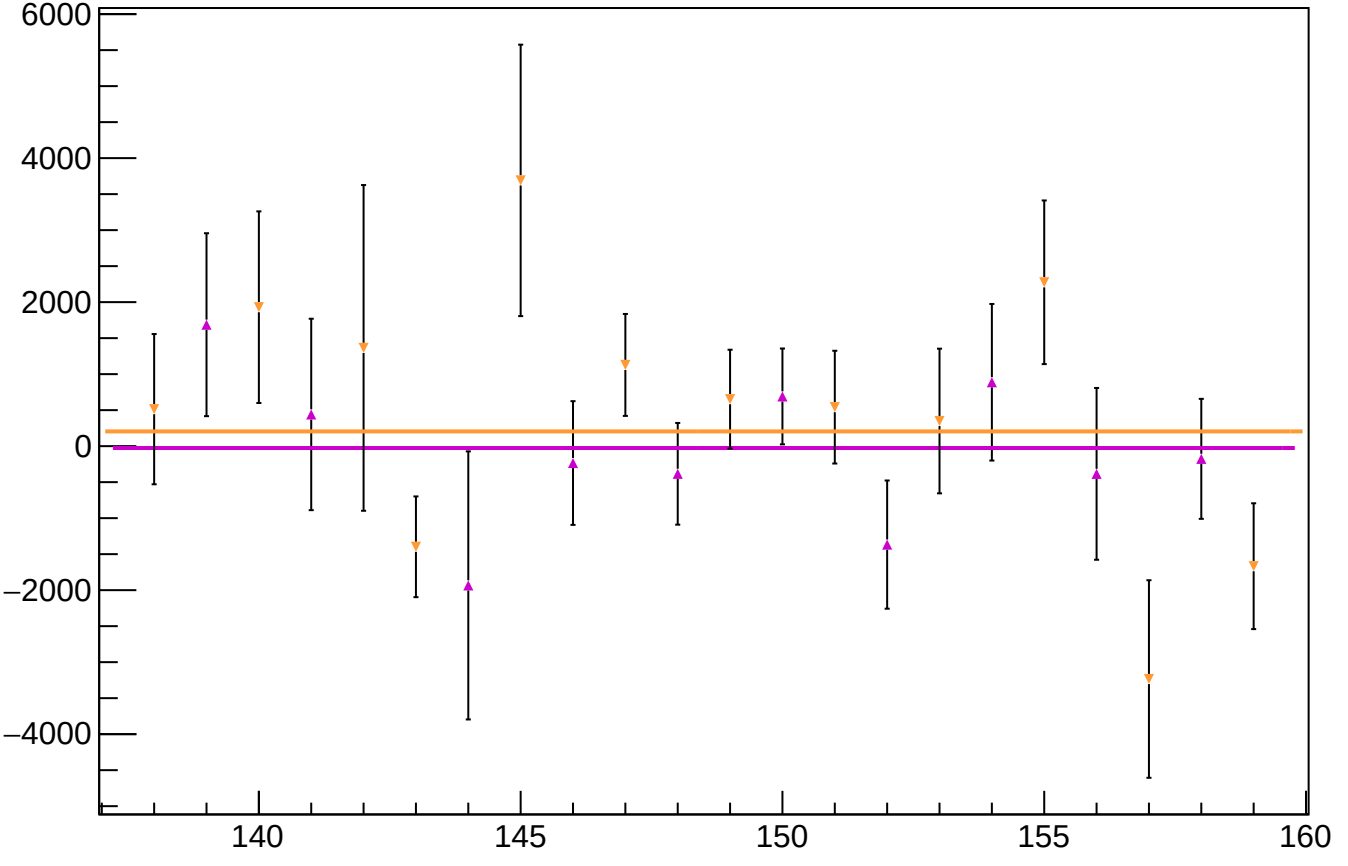
Left In: 2446.462+/-0.604 χ^2/NDF:5733.3/9

+ sign 2536.202+/-0.459 χ^2/NDF: 725304.4/28

All: 2548.005+/-0.328 χ^2/NDF: 1419468.4/57

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

asym_atl1_correction_mean vs Slug



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

Left Out: 204.687+/-273.601 χ^2/NDF:27.2/11

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

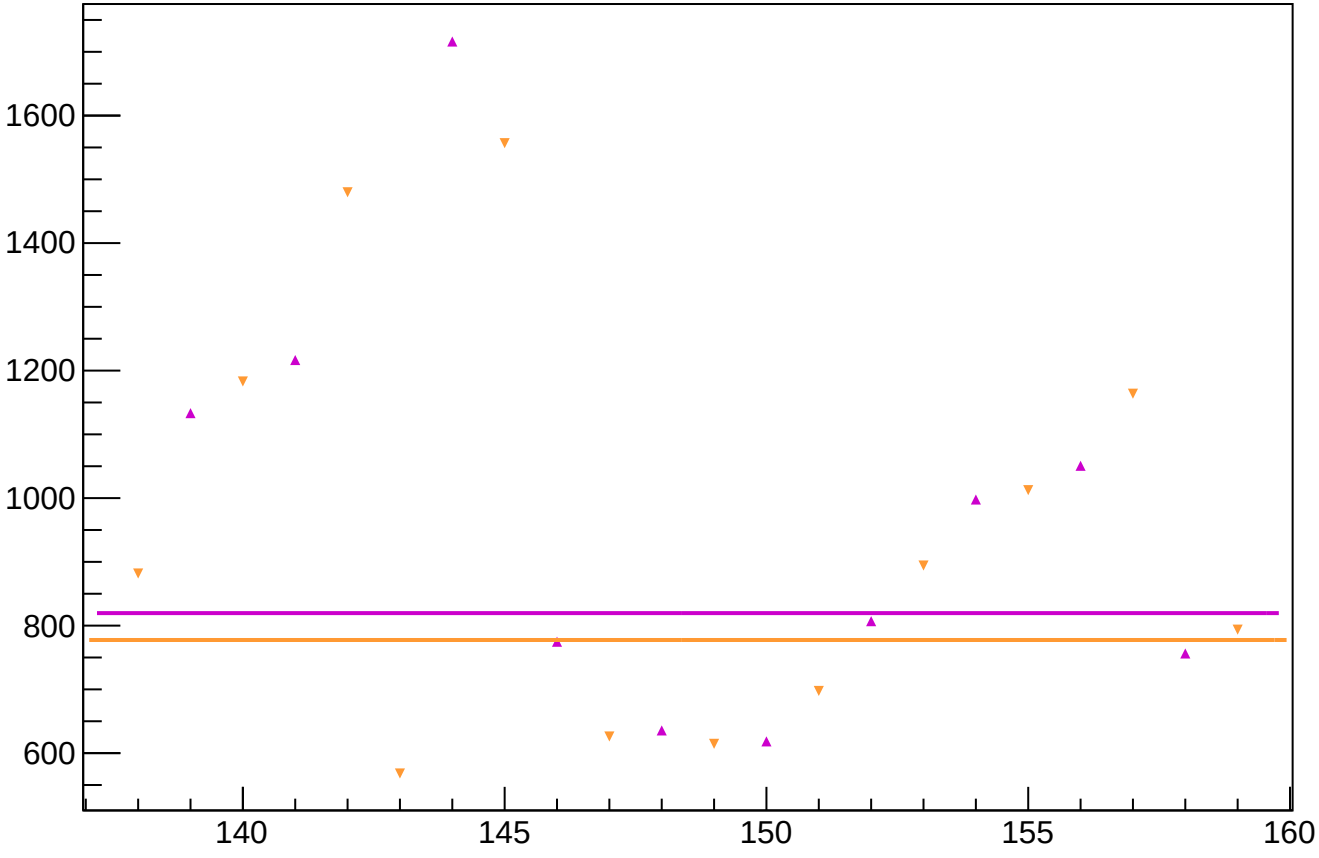
Left In: -25.896+/-296.939 χ^2/NDF:7.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 98.812+/-201.211 χ^2/NDF: 35.1/21

- 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: 777.456+/-0.193 χ^2/NDF:1416166.8/11

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

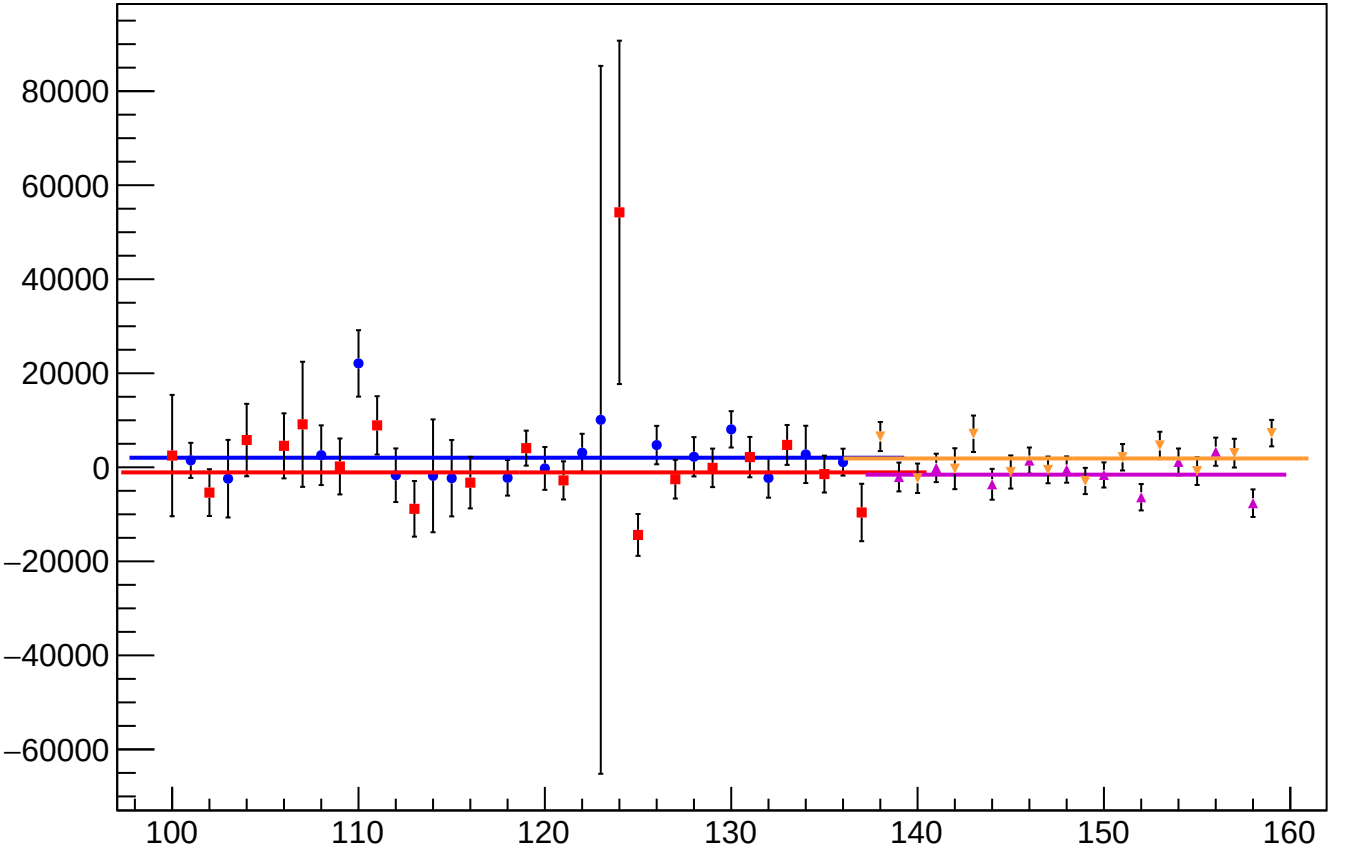
Left In: 819.620+/-0.210 χ^2/NDF:1228794.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 796.816+/-0.142 χ^2/NDF: 2666770.1/21

- 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: 1878.257+/-893.737 χ^2/NDF:16.1/11

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

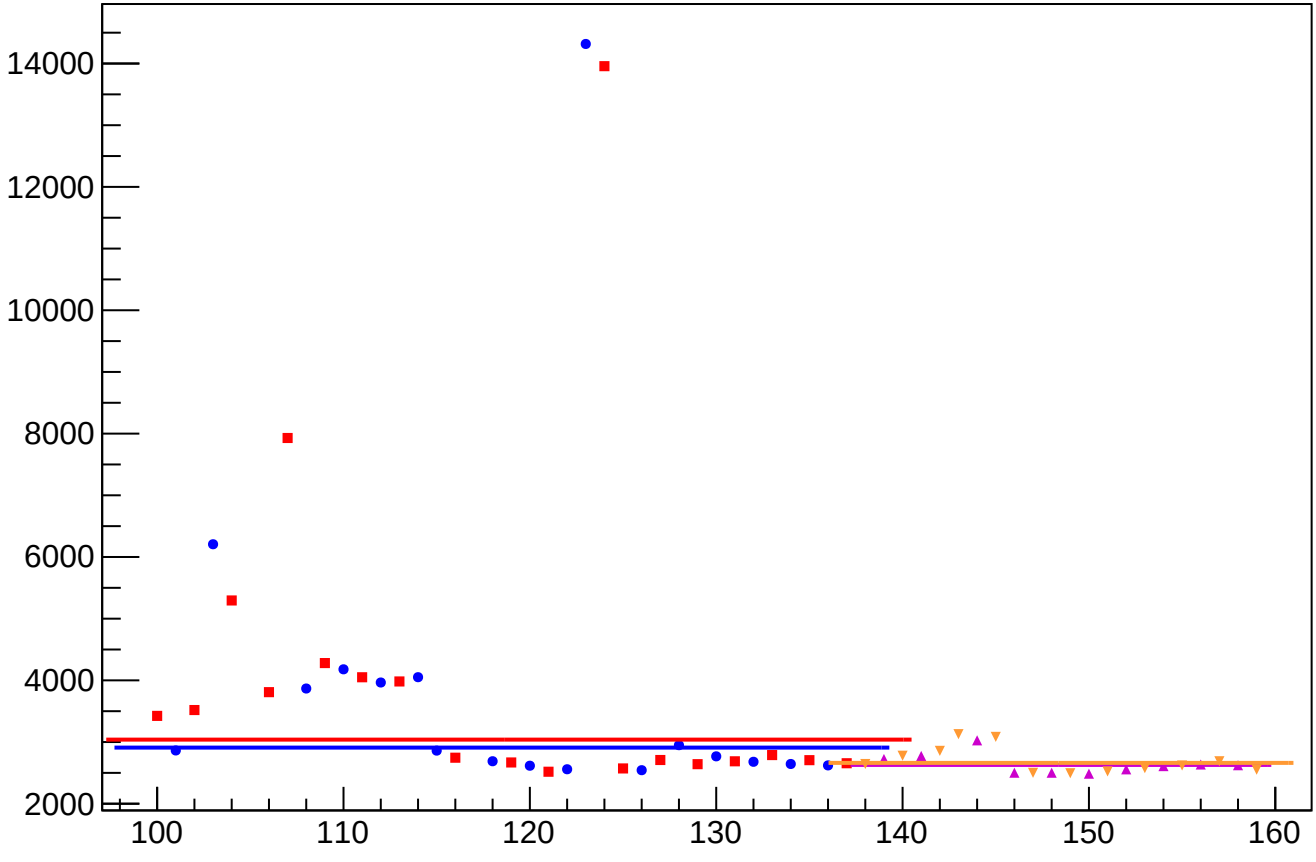
Left In: -1566.565+/-919.088 χ^2/NDF:12.7/9

+ sign 1938.242+/-706.011 χ^2/NDF: 30.9/28

All: 324.845+/-506.359 χ^2/NDF: 79.8/57

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

asym_atl1_rms vs Slug



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

Left Out: 2661.937+/-0.632 χ^2/NDF:88133.6/11

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

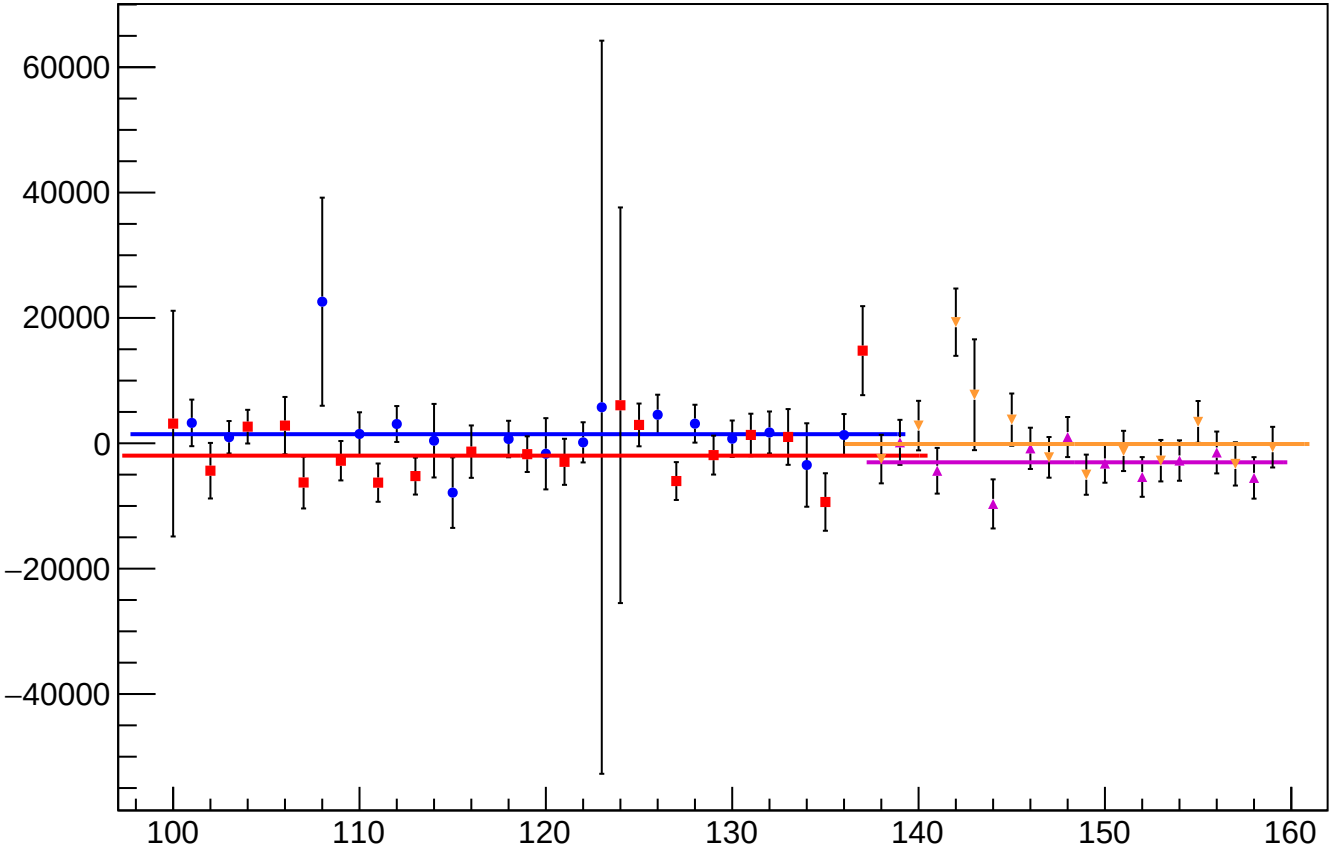
Left In: 2628.688+/-0.650 χ^2/NDF:51379.8/9

+ sign 2755.101+/-0.499 χ^2/NDF: 787831.7/28

All: 2768.444+/-0.358 χ^2/NDF: 2001531.9/57

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

dit_asym_atl2_mean vs Slug



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

Left Out: -114.644+/-1062.410 χ^2/NDF:21.2/11

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

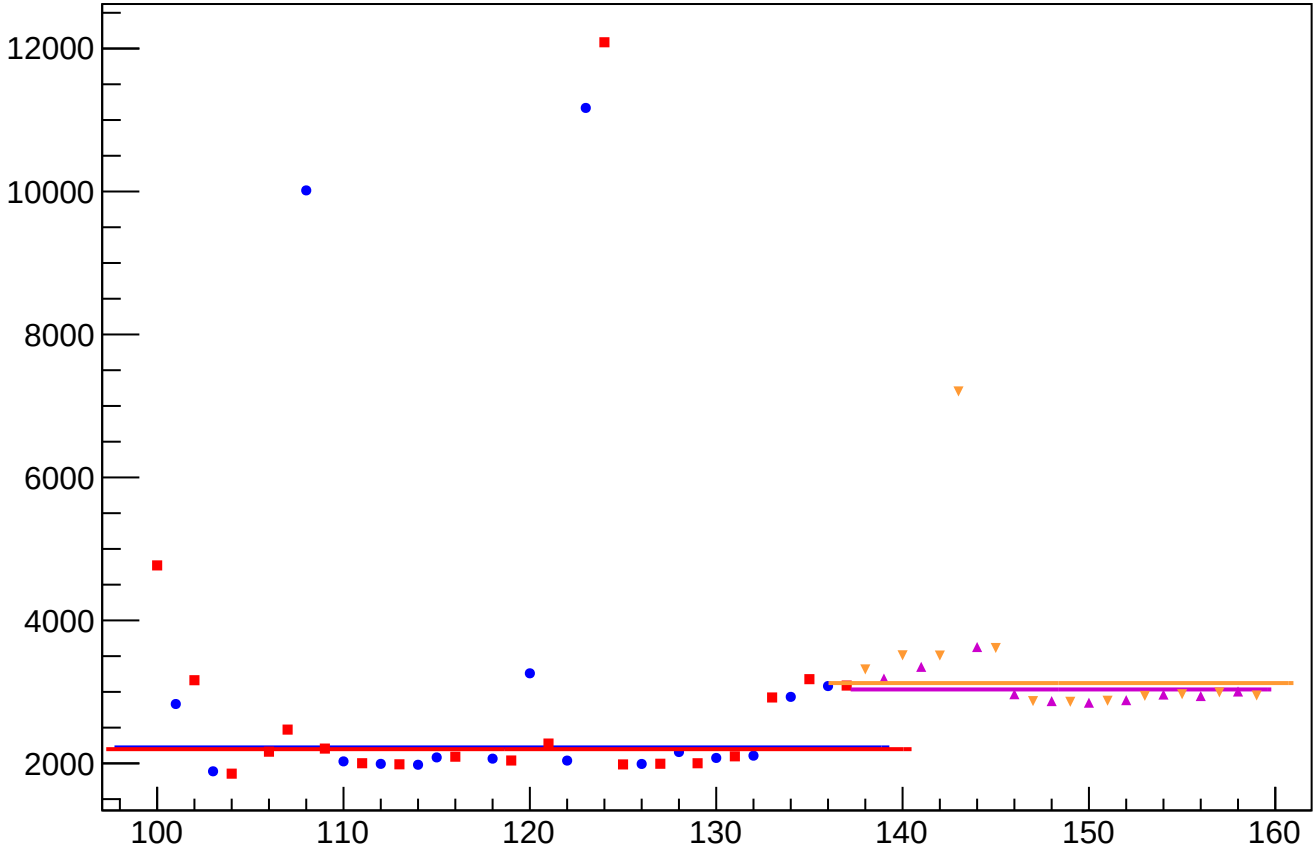
Left In: -3032.745+/-1059.043 χ^2/NDF:7.2/9

+ sign 806.787+/-681.797 χ^2/NDF: 29.9/28

All: -834.011+/-475.364 χ^2/NDF: 71.3/57

- sign -2386.174+/-663.126 χ^2/NDF: 30.2/28

dit_asym_atl2_rms vs Slug



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

Left Out: 3123.253+/-0.751 χ^2/NDF:544380.1/11

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

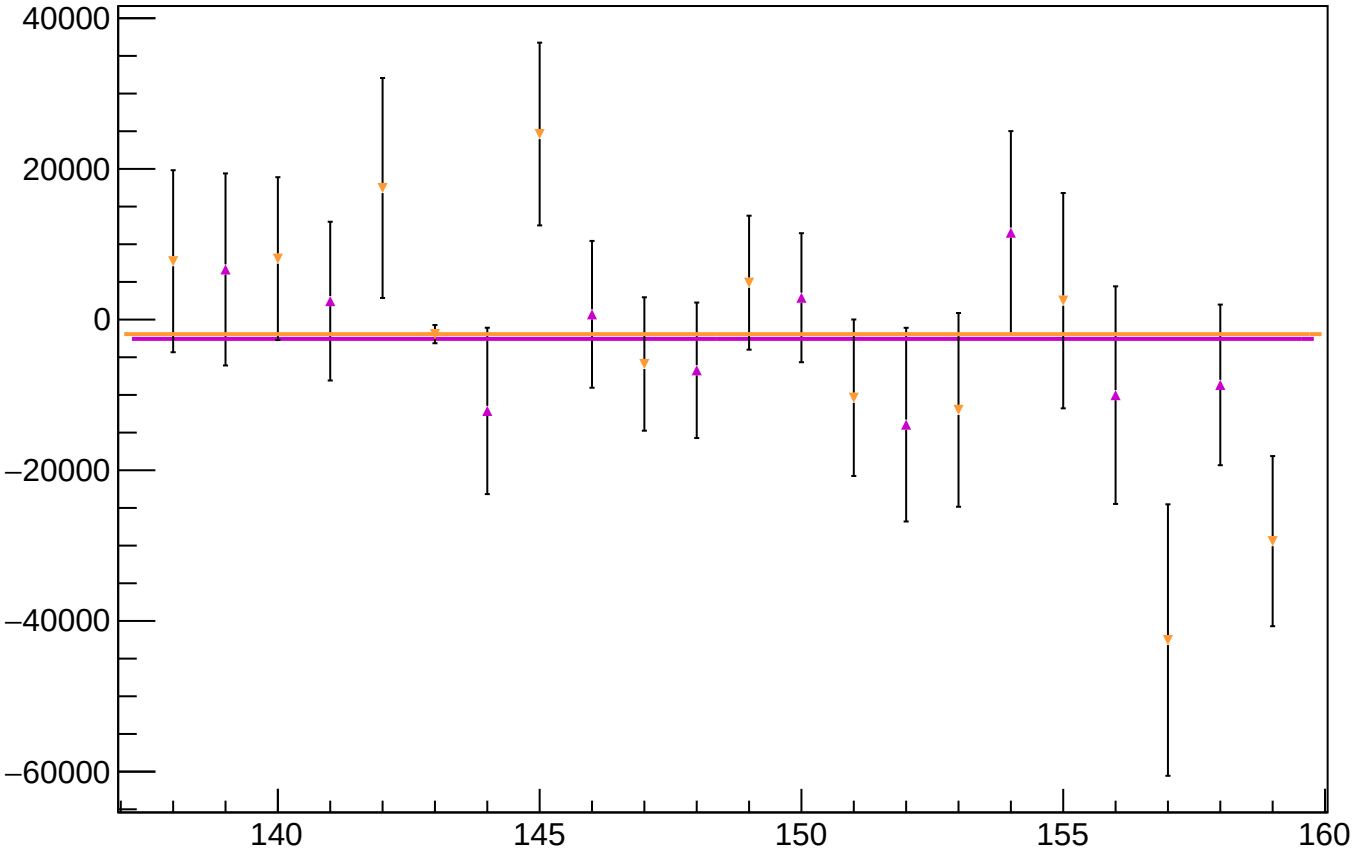
Left In: 3034.012+/-0.749 χ^2/NDF:84998.2/9

+ sign 2593.834+/-0.482 χ^2/NDF: 2239064.6/28

All: 2558.935+/-0.336 χ^2/NDF: 3693398.9/57

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

asym_atl2_correction_mean vs Slug



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

Left Out: -1929.983+/-1141.116 χ^2/NDF:21.2/11

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

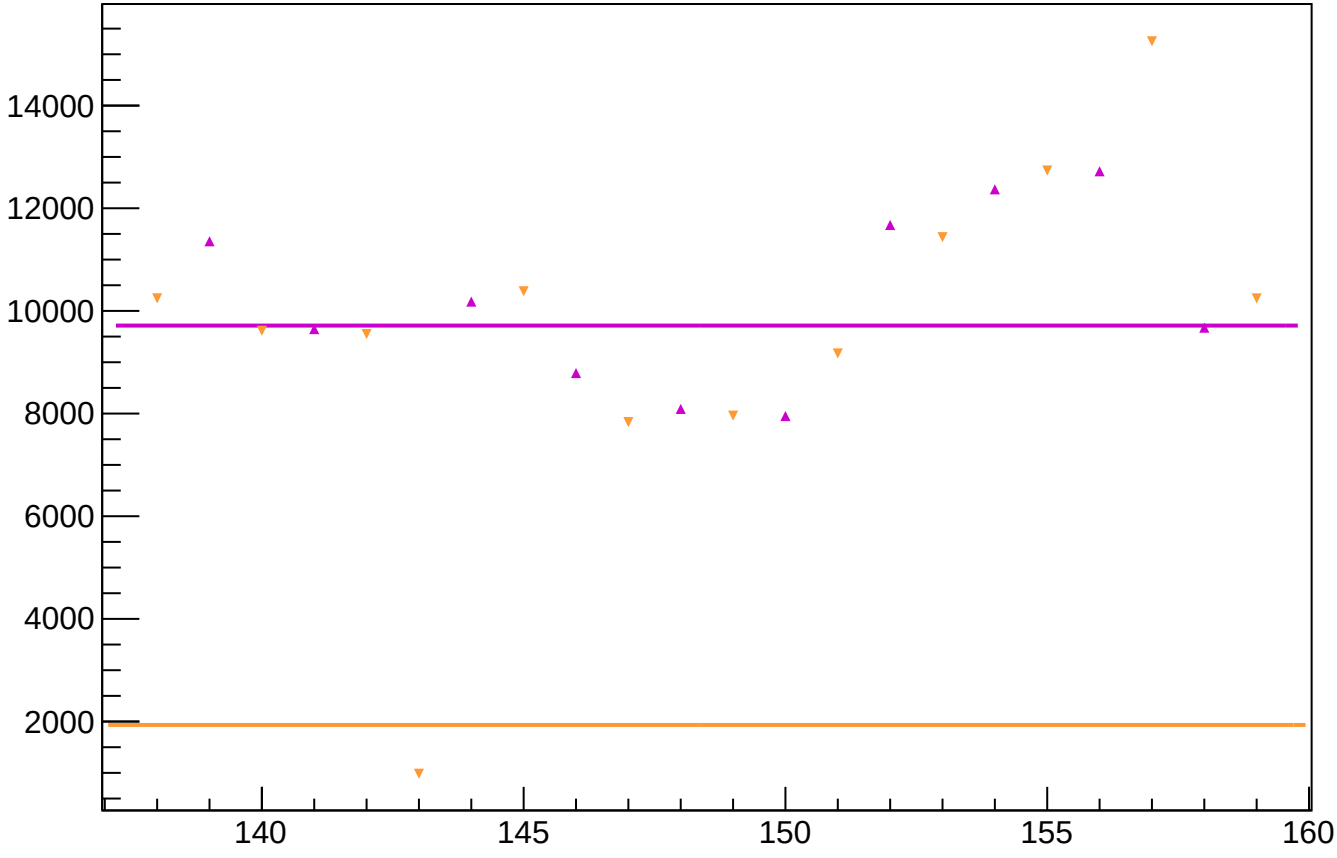
Left In: -2562.299+/-3428.674 χ^2/NDF:4.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1993.038+/-1082.726 χ^2/NDF: 26.0/21

- 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: 1933.830+/-0.807 χ^2/NDF:11897623.9/11

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

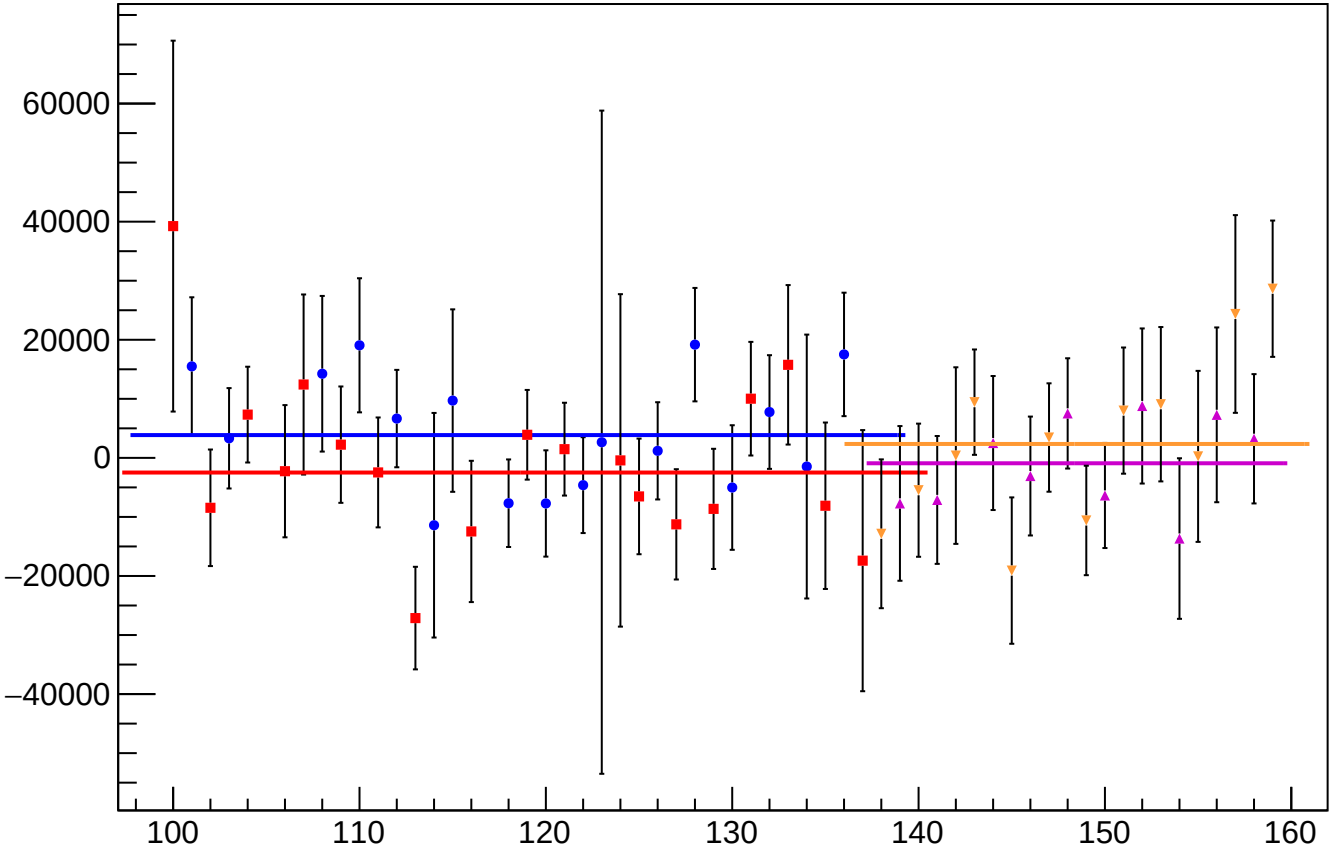
Left In: 9714.257+/-2.424 χ^2/NDF:415558.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2709.699+/-0.766 χ^2/NDF: 21584936.1/2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_mean vs Slug



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

Left Out: 2356.043+/-3302.553 χ^2/NDF:15.0/11

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

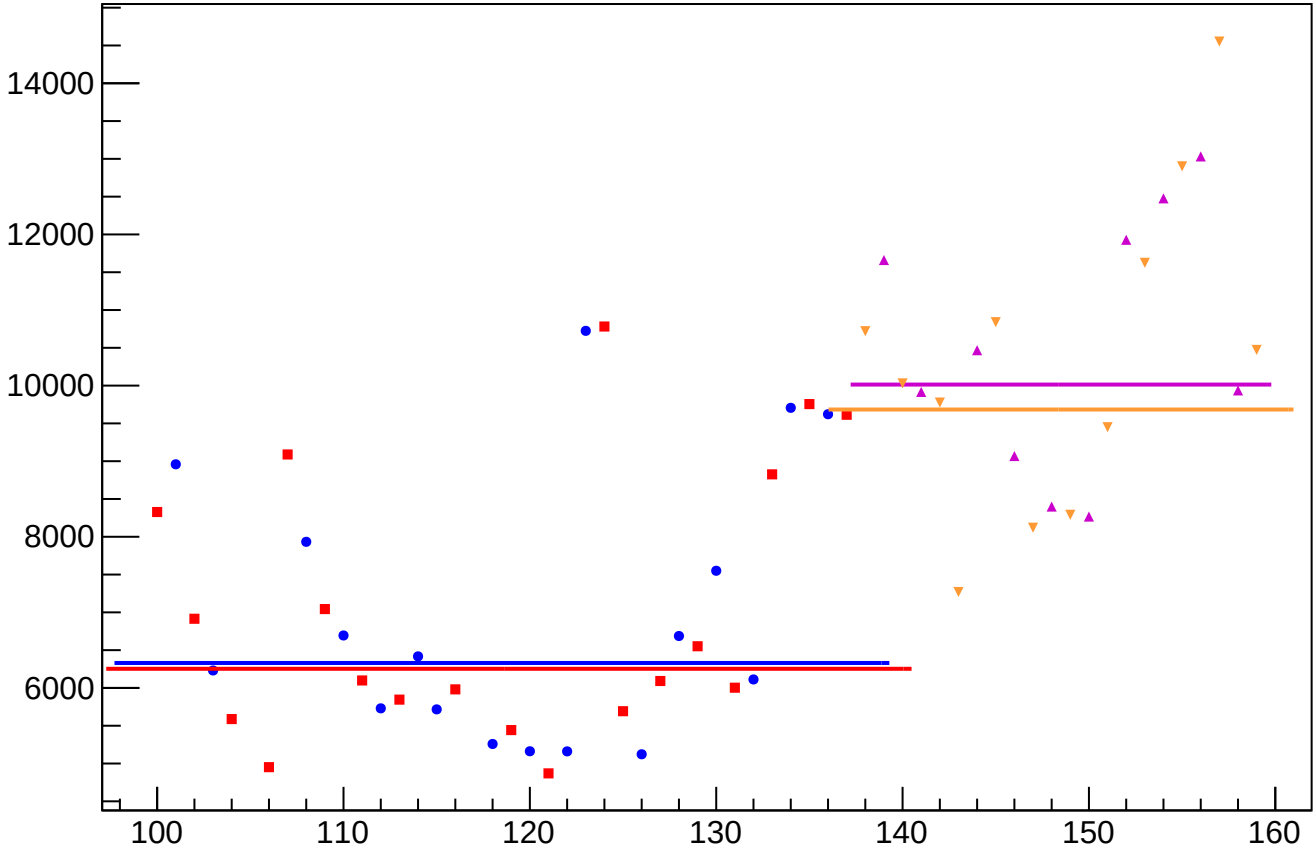
Left In: -914.012+/-3531.106 χ^2/NDF:3.8/9

+ sign 3309.599+/-1997.735 χ^2/NDF: 29.9/28

All: 663.154+/-1412.327 χ^2/NDF: 57.4/57

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

asym_atl2_rms vs Slug



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

Left Out: 9683.674+/-2.335 χ^2/NDF:604840.1/11

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

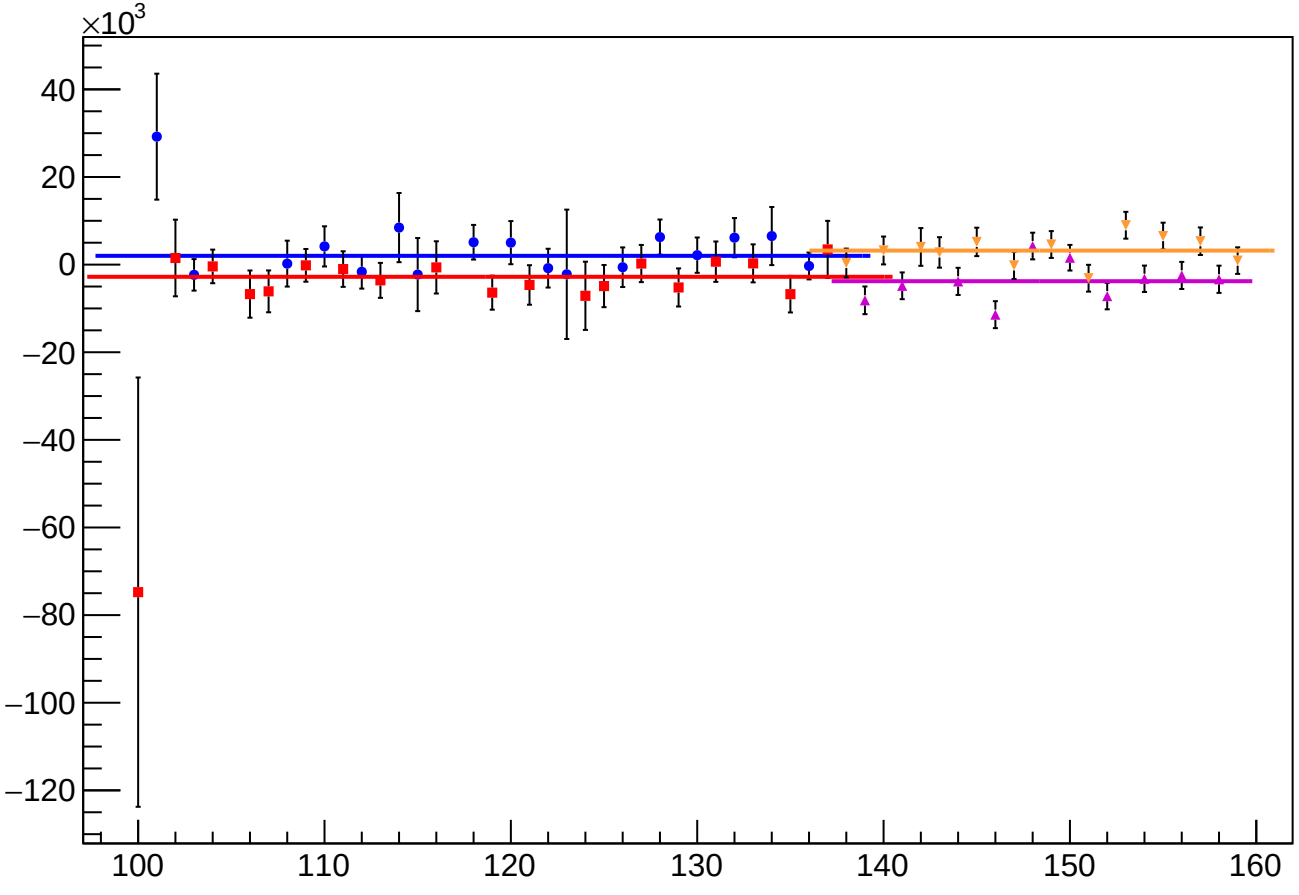
Left In: 10013.687+/-2.497 χ^2/NDF:380911.1/9

+ sign 7557.326+/-1.413 χ^2/NDF: 2505754.4/28

All: 7506.585+/-0.999 χ^2/NDF: 4967381.0/57

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

dit_asym_atr1_mean vs Slug



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

Left Out: 3201.525+/-926.816 χ^2/NDF:12.6/11

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

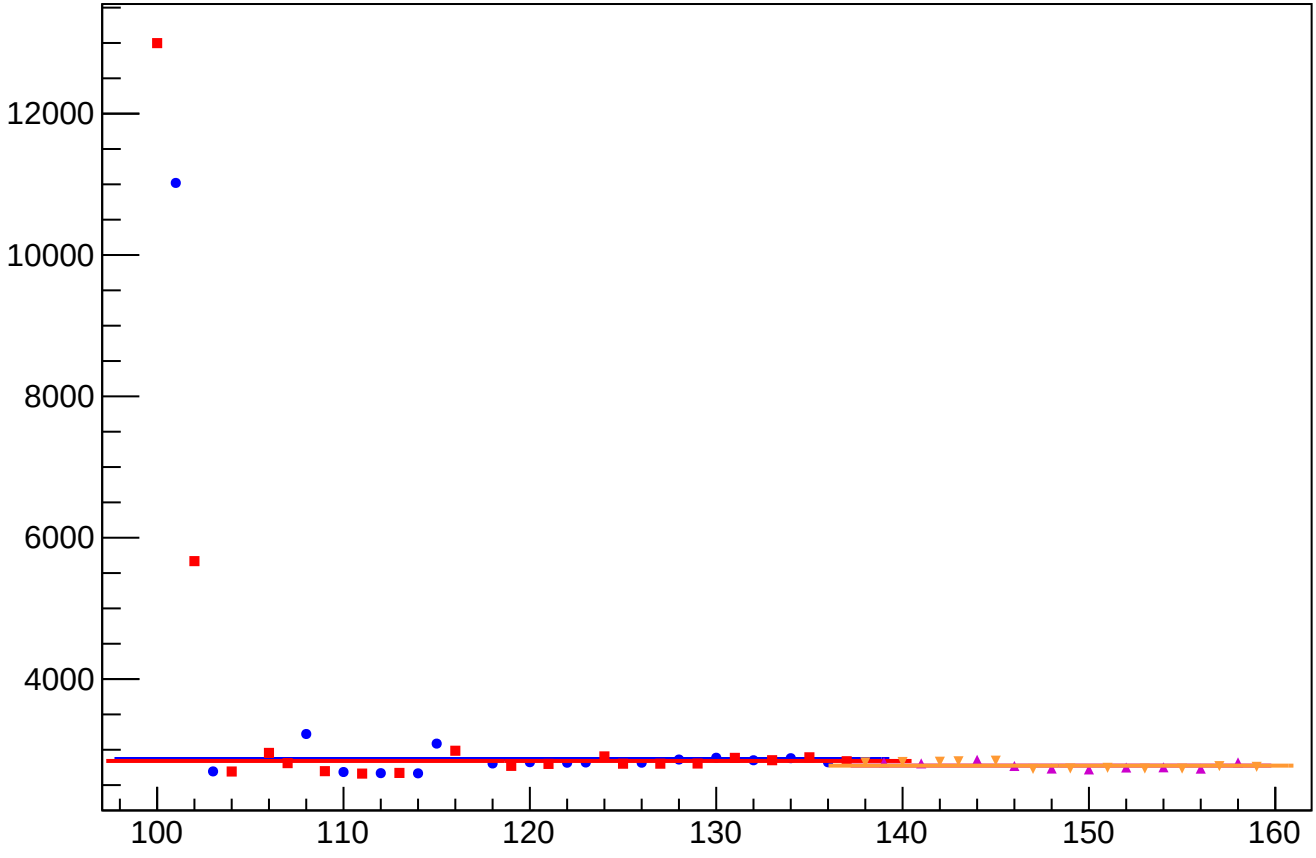
Left In: -3782.277+/-966.792 χ^2/NDF:20.0/9

+ sign 2722.626+/-717.687 χ^2/NDF: 25.3/28

All: -289.707+/-509.054 χ^2/NDF: 91.1/57

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

dit_asym_atr1_rms vs Slug



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

Left Out: 2775.291+/-0.655 χ^2/NDF:4624.0/11

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

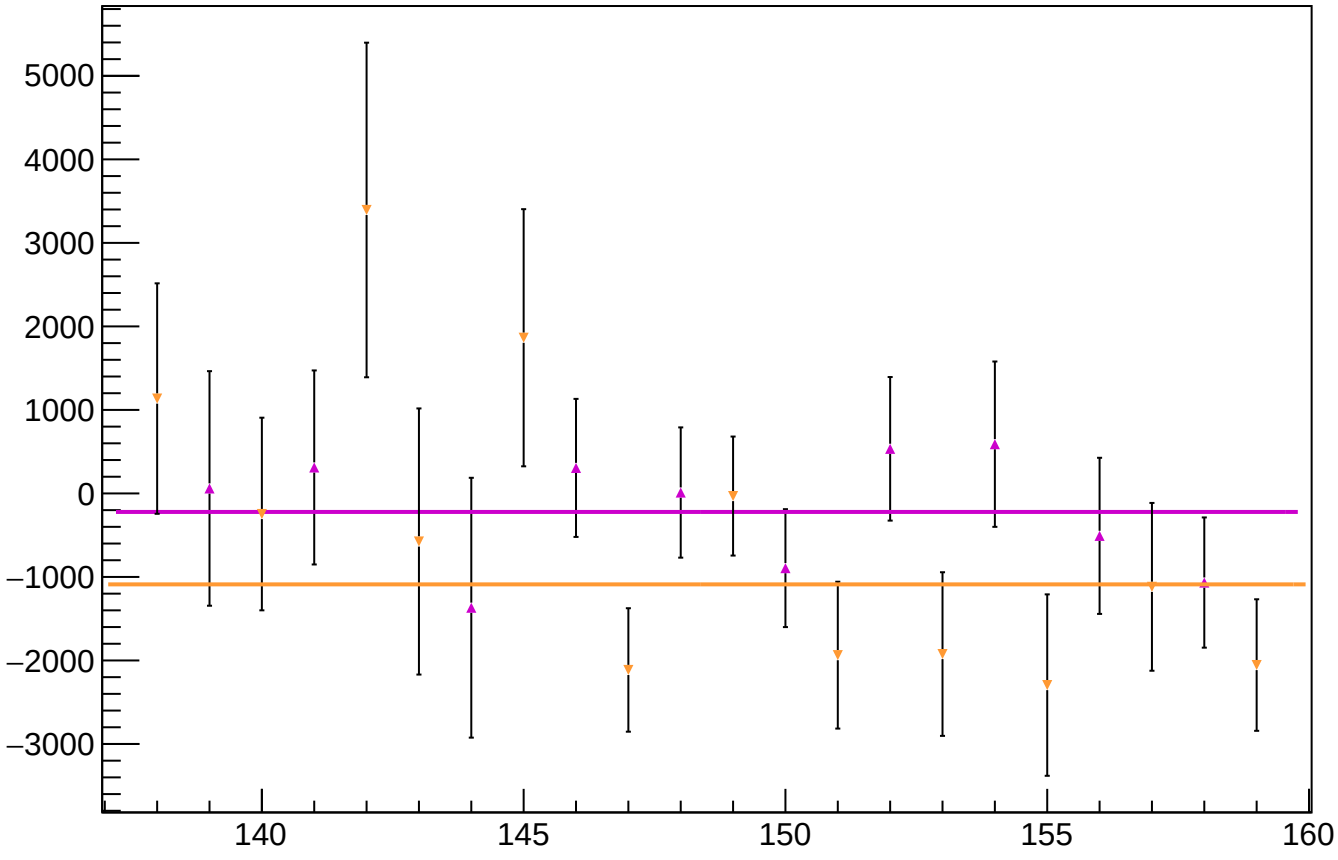
Left In: 2775.881+/-0.684 χ^2/NDF:4213.6/9

+ sign 2812.888+/-0.507 χ^2/NDF: 682744.7/28

All: 2808.926+/-0.360 χ^2/NDF: 1003684.3/57

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

asym_atr1_correction_mean vs Slug



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

Left Out: -1088.955+/-289.537 χ^2/NDF:20.4/11

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

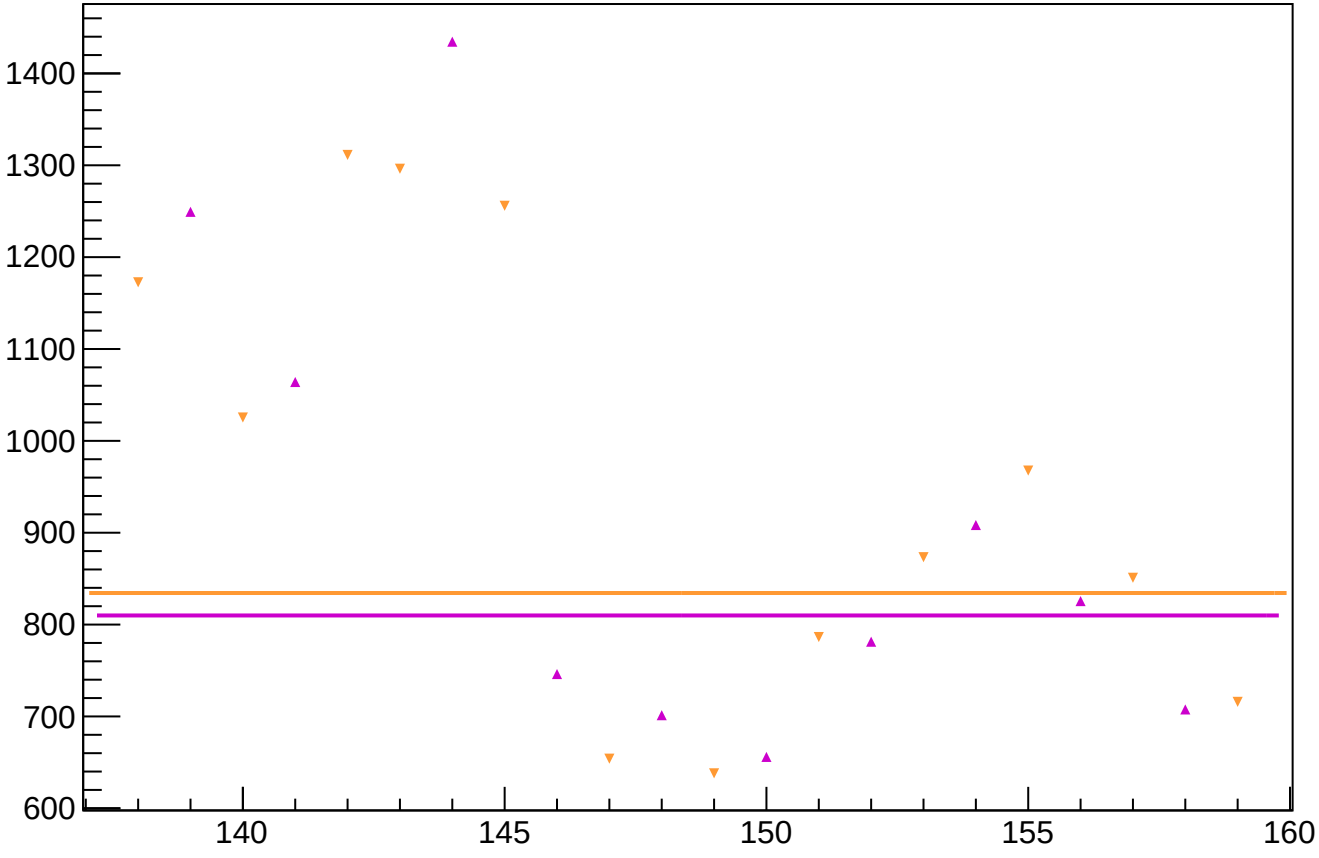
Left In: -221.647+/-289.410 χ^2/NDF:4.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -655.110+/-204.689 χ^2/NDF: 29.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_correction_rms vs Slug



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

Left Out: 834.375+/-0.205 χ^2/NDF:962398.3/11

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

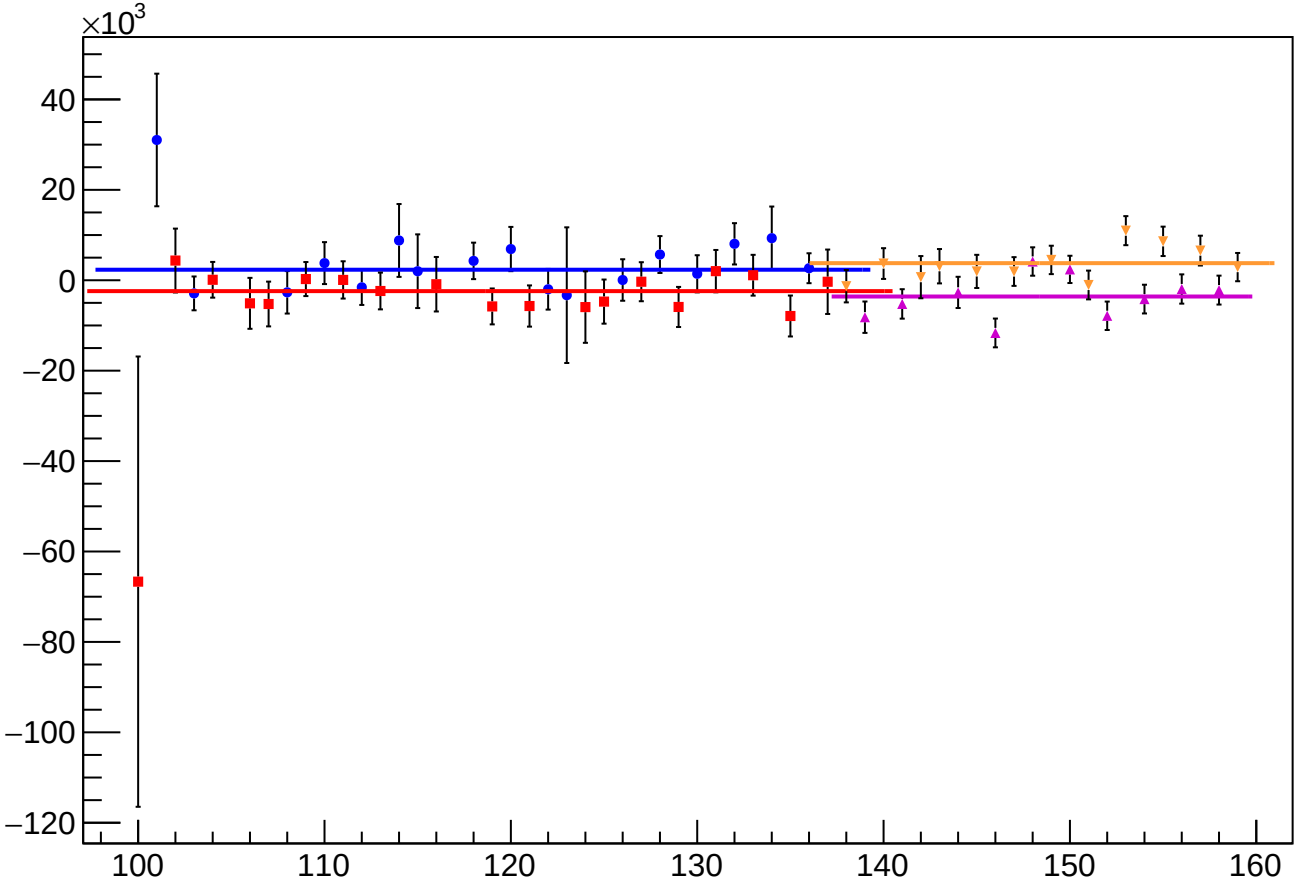
Left In: 809.921+/-0.205 χ^2/NDF:816801.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 822.143+/-0.145 χ^2/NDF: 1786336.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 3783.855+/-981.161 χ^2/NDF:13.4/11

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

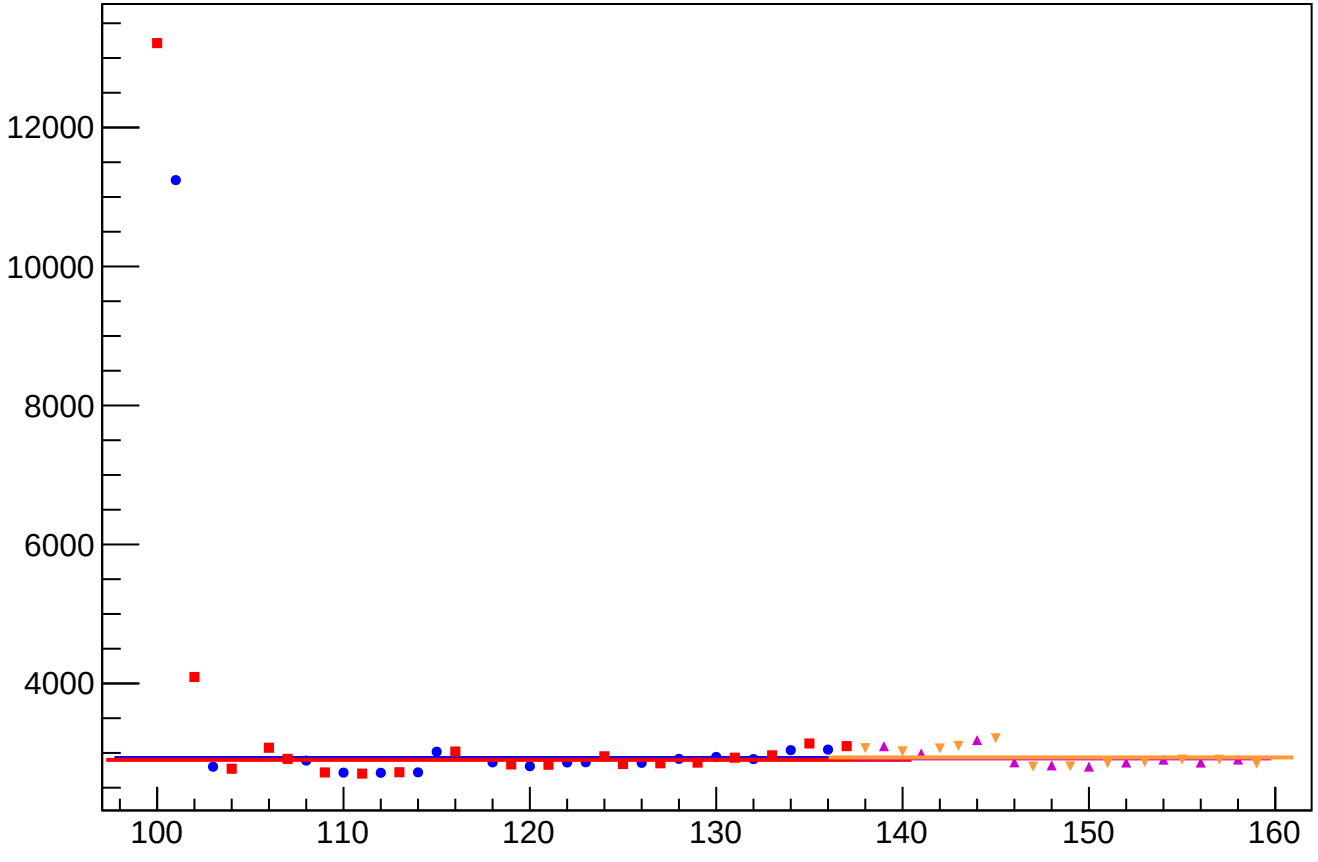
Left In: -3595.105+/-1018.199 χ^2/NDF:20.8/9

+ sign 3175.471+/-748.194 χ^2/NDF: 28.8/28

All: 71.360+/-529.818 χ^2/NDF: 94.8/57

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

asym_atr1_rms vs Slug



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

Left Out: 2935.297+/-0.694 χ^2/NDF:31709.0/11

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

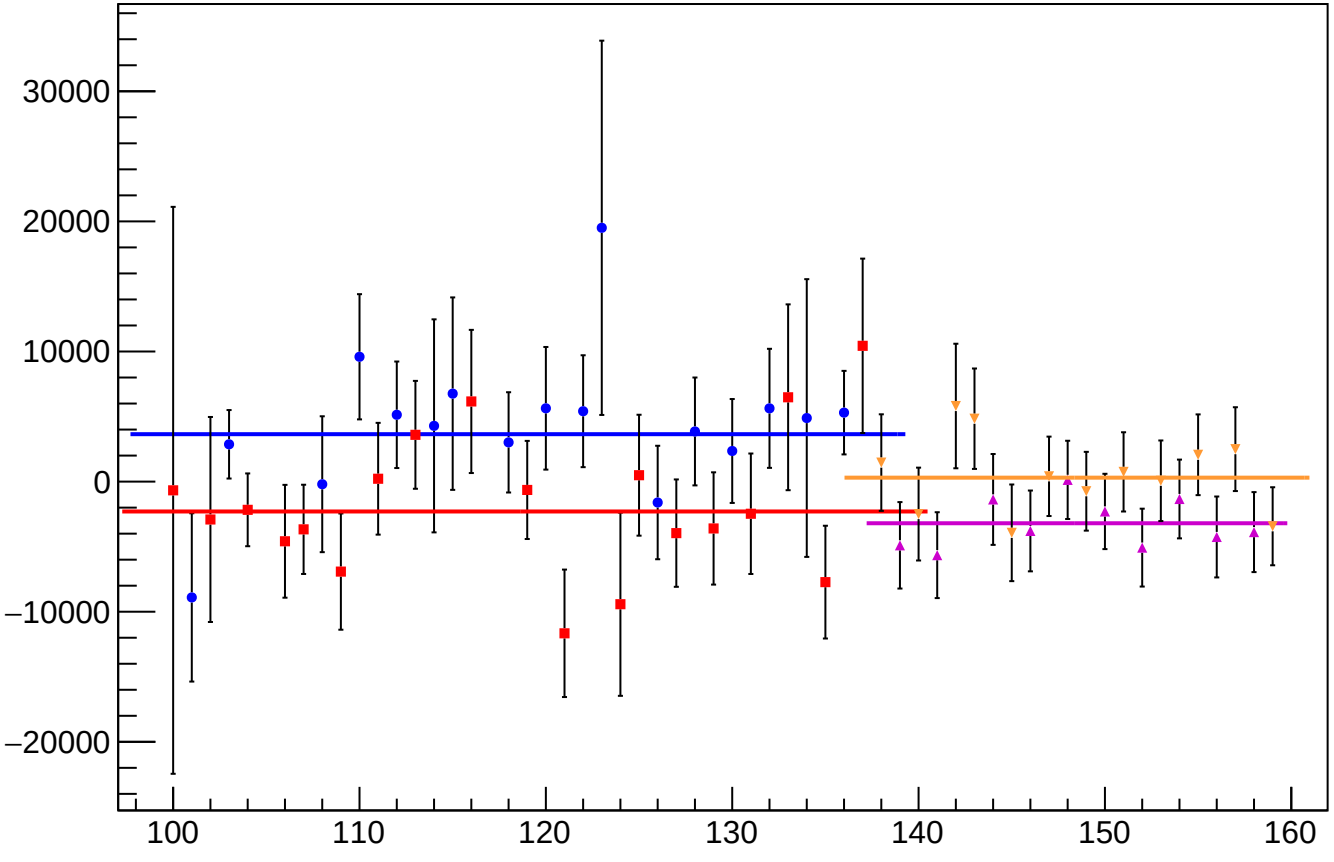
Left In: 2921.534+/-0.720 χ^2/NDF:25056.0/9

+ sign 2931.662+/-0.529 χ^2/NDF: 694569.0/28

All: 2921.896+/-0.375 χ^2/NDF: 890553.0/57

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

dit_asym_atr2_mean vs Slug



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

Left Out: 303.657+/-964.705 χ^2/NDF:7.2/11

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

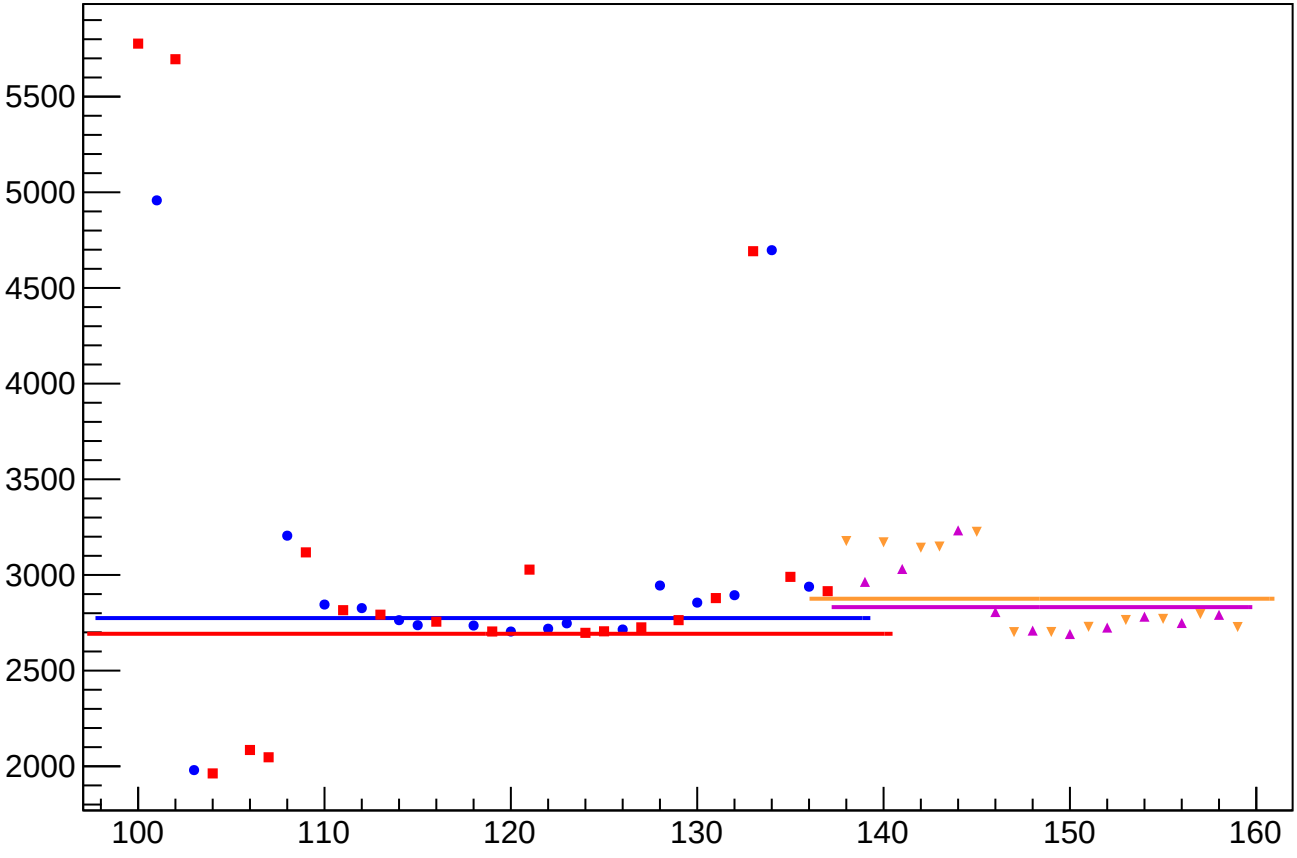
Left In: -3200.531+/-986.202 χ^2/NDF:3.4/9

+ sign 1769.205+/-722.837 χ^2/NDF: 22.3/28

All: -518.745+/-509.346 χ^2/NDF: 64.4/57

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

dit_asym_atr2_rms vs Slug



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

Left Out: 2875.737+/-0.682 χ^2/NDF:89569.8/11

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

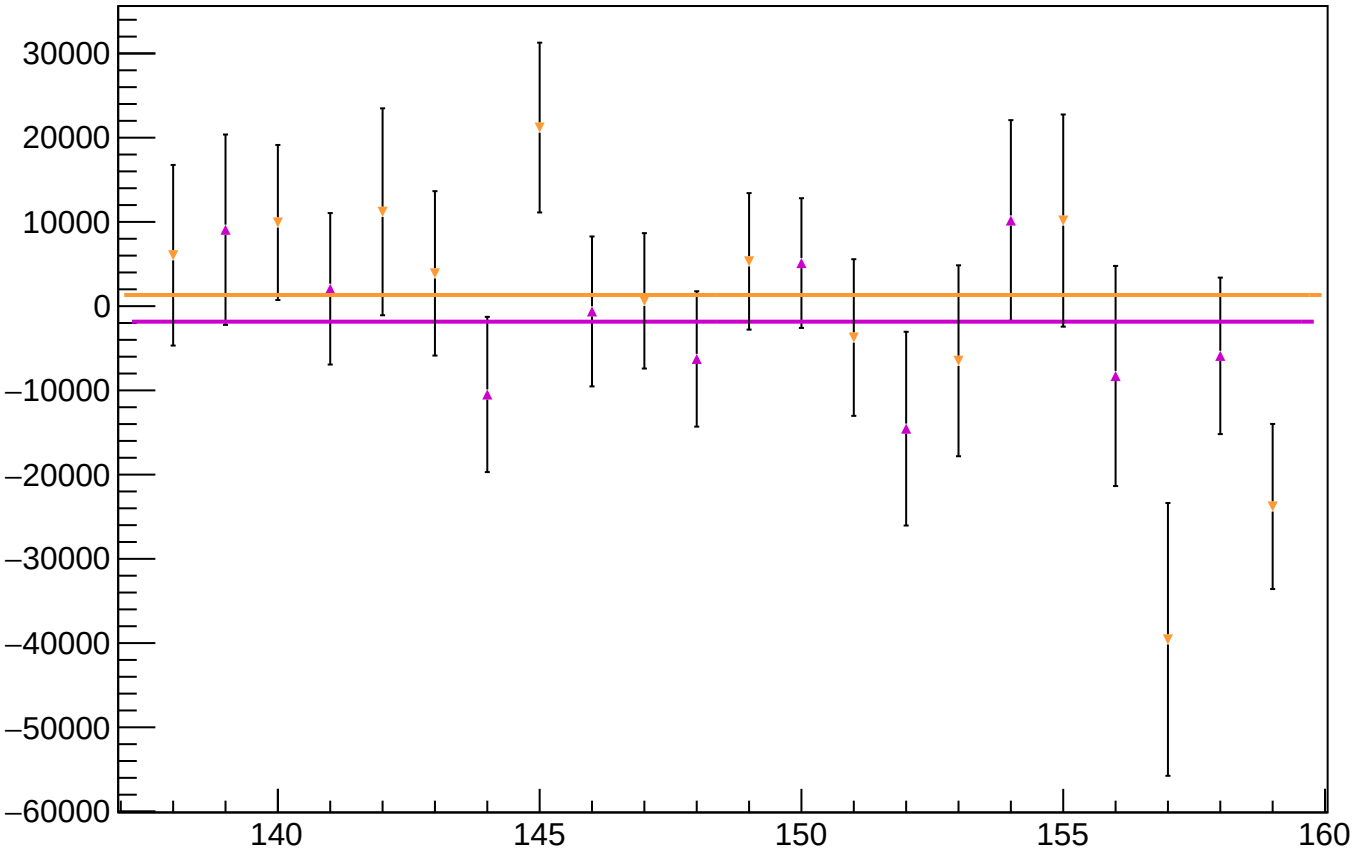
Left In: 2831.869+/-0.697 χ^2/NDF:49905.1/9

+ sign 2831.388+/-0.511 χ^2/NDF: 600887.3/28

All: 2798.624+/-0.360 χ^2/NDF: 1458004.4/57

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

asym_atr2_correction_mean vs Slug



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

Left Out: 1323.170+/-2910.404 χ^2/NDF:20.1/11

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

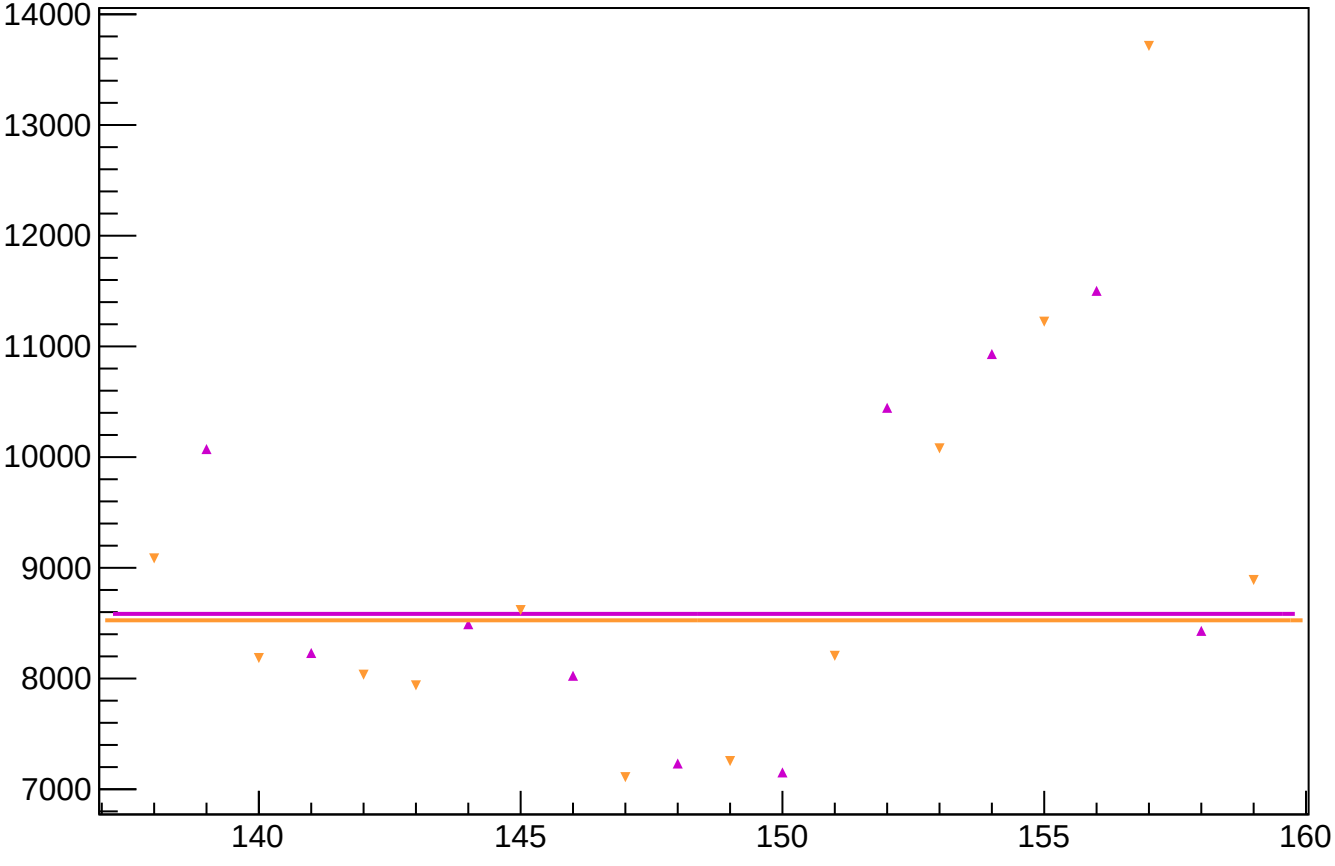
Left In: -1842.546+/-3028.863 χ^2/NDF:5.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -196.573+/-2098.595 χ^2/NDF: 26.5/21

- 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: 8525.908+/-2.058 χ^2/NDF:469982.6/11

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

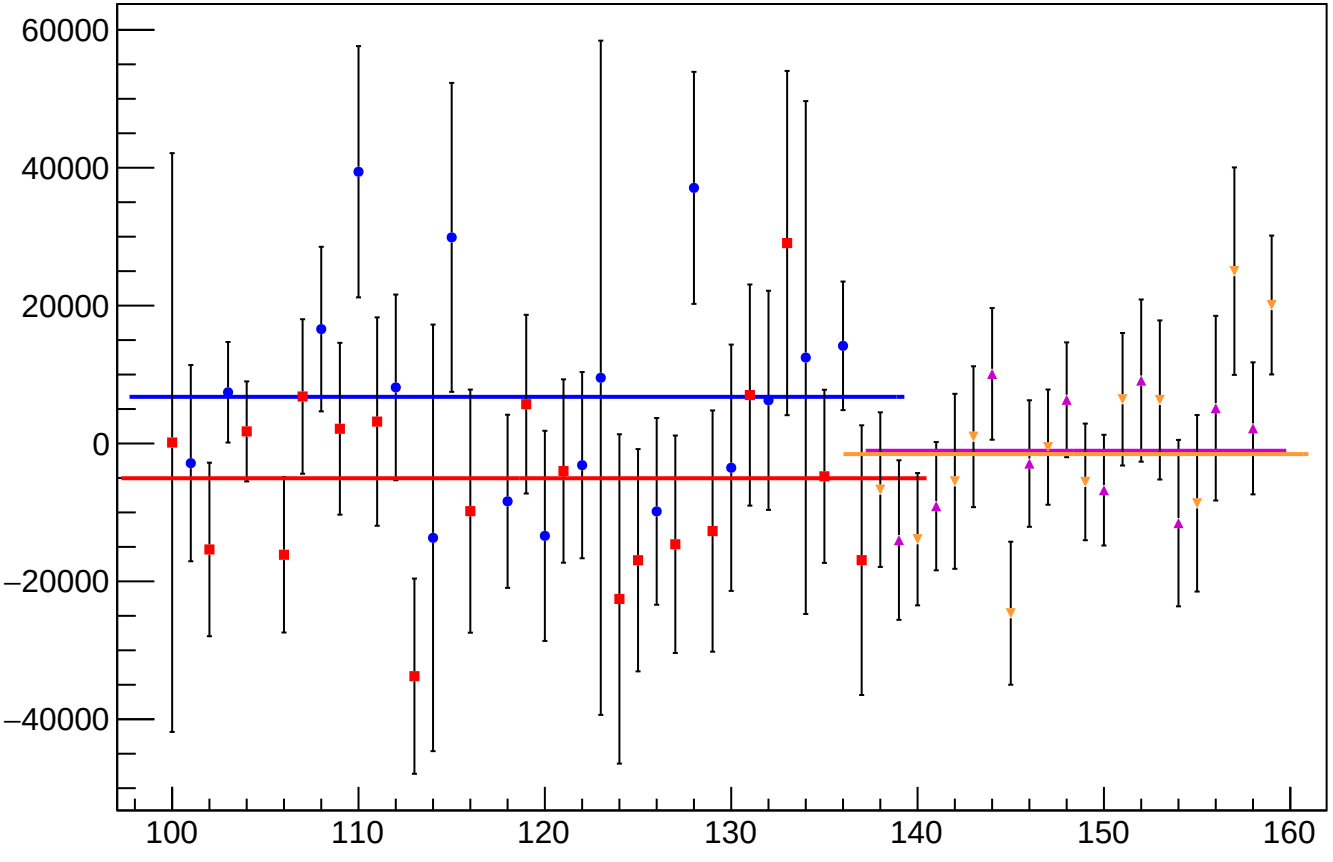
Left In: 8583.996+/-2.142 χ^2/NDF:401983.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8553.794+/-1.484 χ^2/NDF: 872348.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_mean vs Slug



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

Left Out: -1539.066+/-3003.076 χ^2/NDF:16.4/11

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

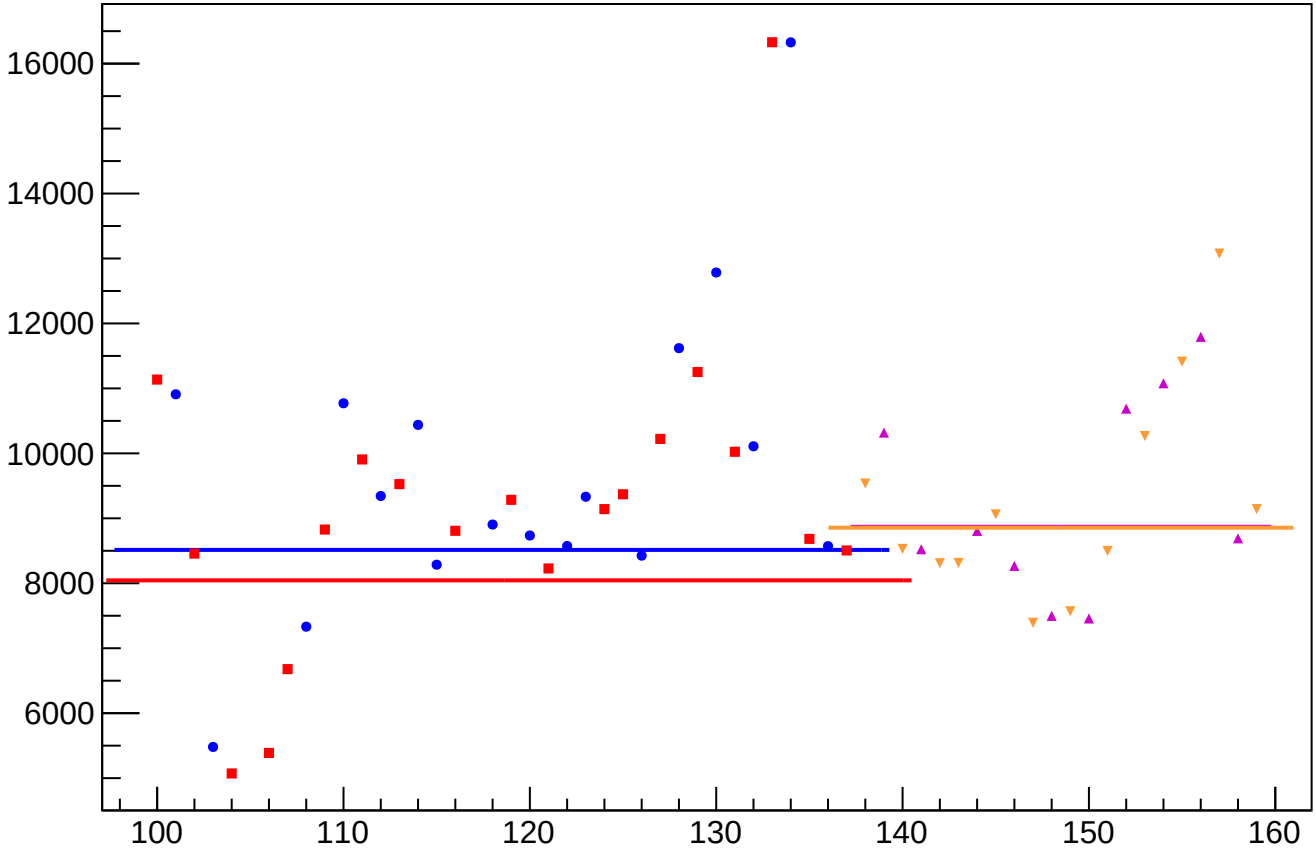
Left In: -1053.684+/-3125.945 χ^2/NDF:6.5/9

+ sign 2116.731+/-2247.067 χ^2/NDF: 35.1/28

All: -477.607+/-1581.043 χ^2/NDF: 58.7/57

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

asym_atr2_rms vs Slug



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

Left Out: 8855.518+/-2.123 χ^2/NDF:398701.2/11

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

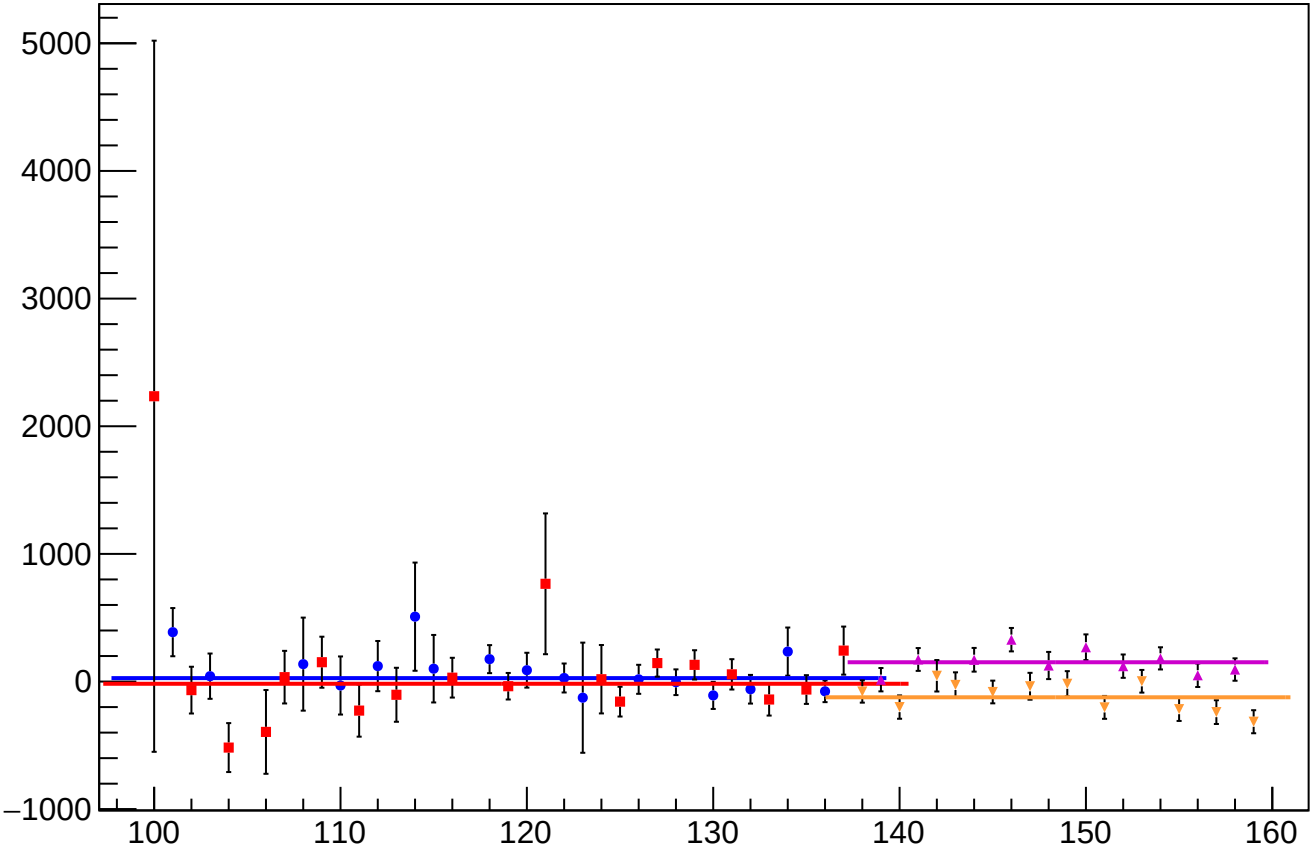
Left In: 8869.731+/-2.210 χ^2/NDF:369640.2/9

+ sign 8705.063+/-1.589 χ^2/NDF: 1172721.8/28

All: 8582.673+/-1.118 χ^2/NDF: 2575155.5/57

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

dit_asym_sam1_mean vs Slug



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

Left Out: -123.234+/-27.276 χ^2/NDF:15.7/11

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

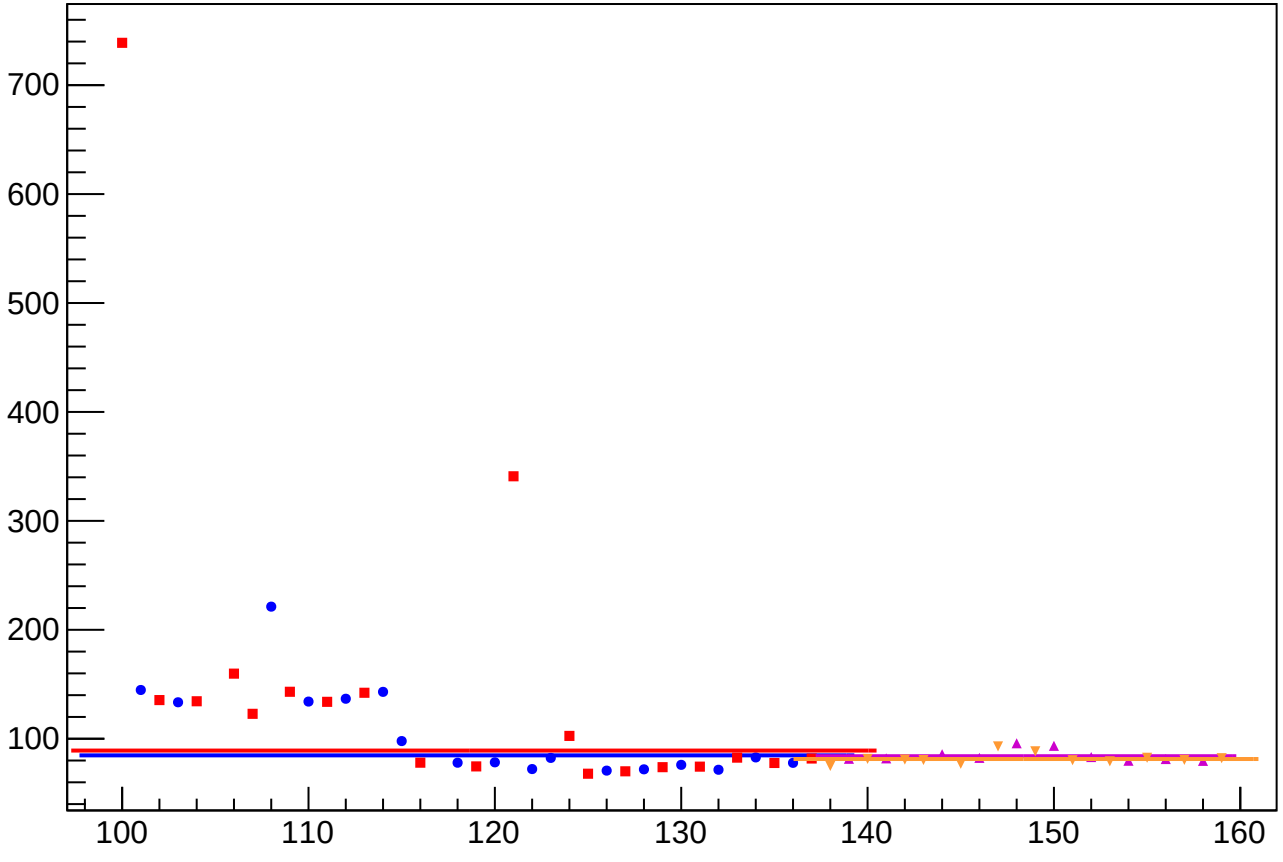
Left In: 151.209+/-29.280 χ^2/NDF:9.4/9

+ sign -64.495+/-21.283 χ^2/NDF: 40.1/28

All: 4.858+/-15.494 χ^2/NDF: 107.4/57

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

dit_asym_sam1_rms vs Slug



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.386+/-0.019 χ^2/NDF:52073.5/11

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

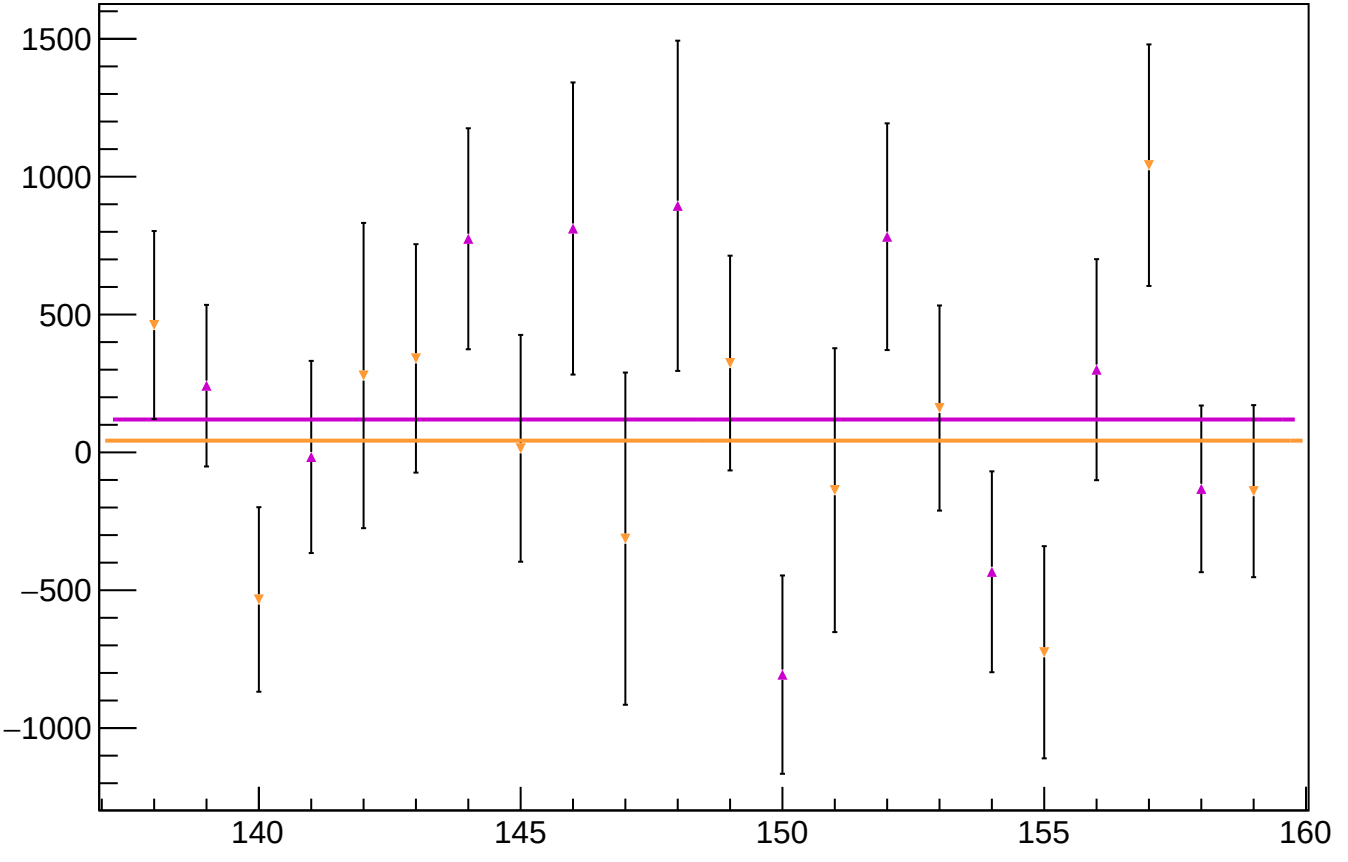
Left In: 83.955+/-0.021 χ^2/NDF:57493.3/9

+ sign 82.697+/-0.015 χ^2/NDF: 1128300.4/28

All: 84.274+/-0.011 χ^2/NDF: 2793805.7/57

- sign 86.052+/-0.016 χ^2/NDF: 1642146.9/28

asym_sam1_correction_mean vs Slug



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

Left Out: 42.651+/-115.389 χ^2/NDF:15.8/11

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

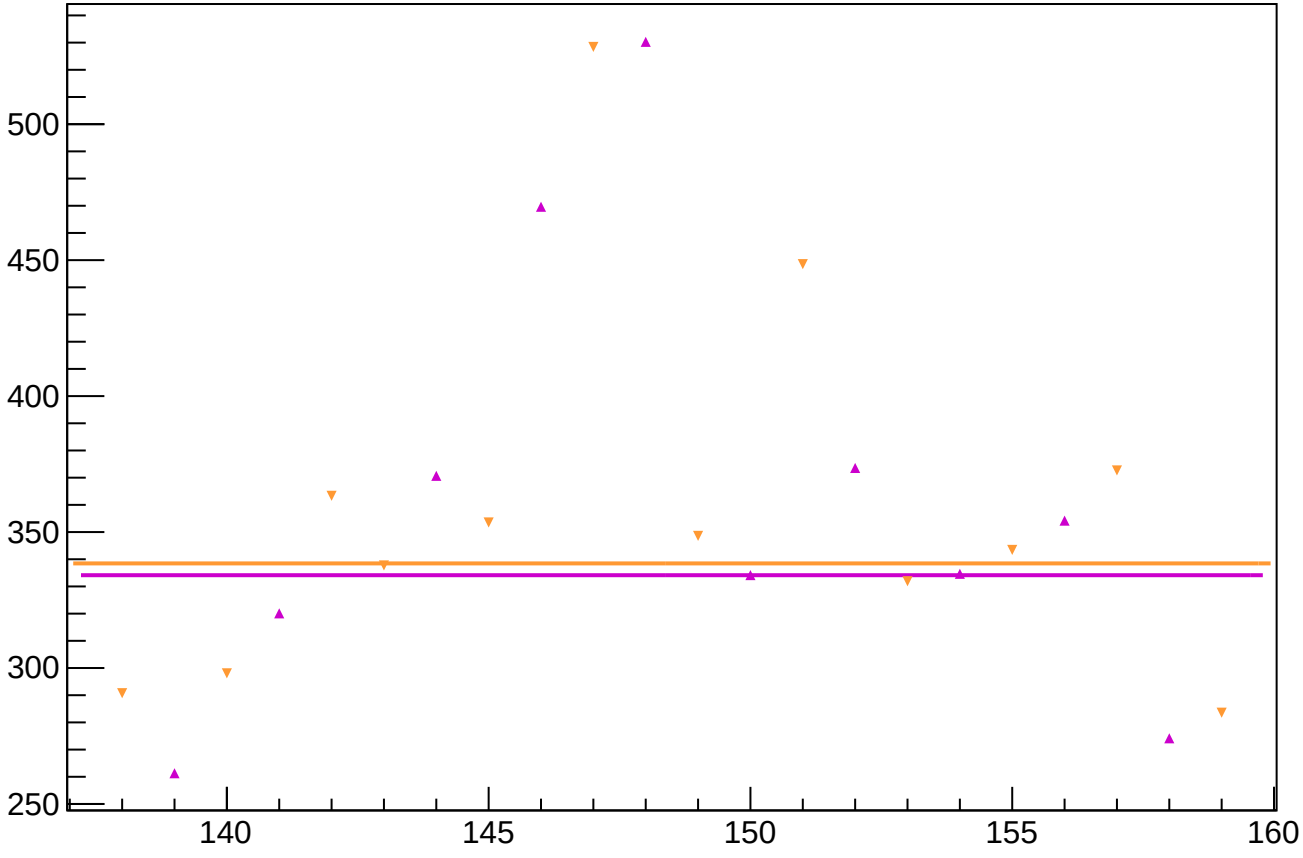
Left In: 119.244+/-118.849 χ^2/NDF:18.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 79.817+/-82.788 χ^2/NDF: 34.8/21

- 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: 338.471+/-0.082 χ^2/NDF:441649.4/11

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

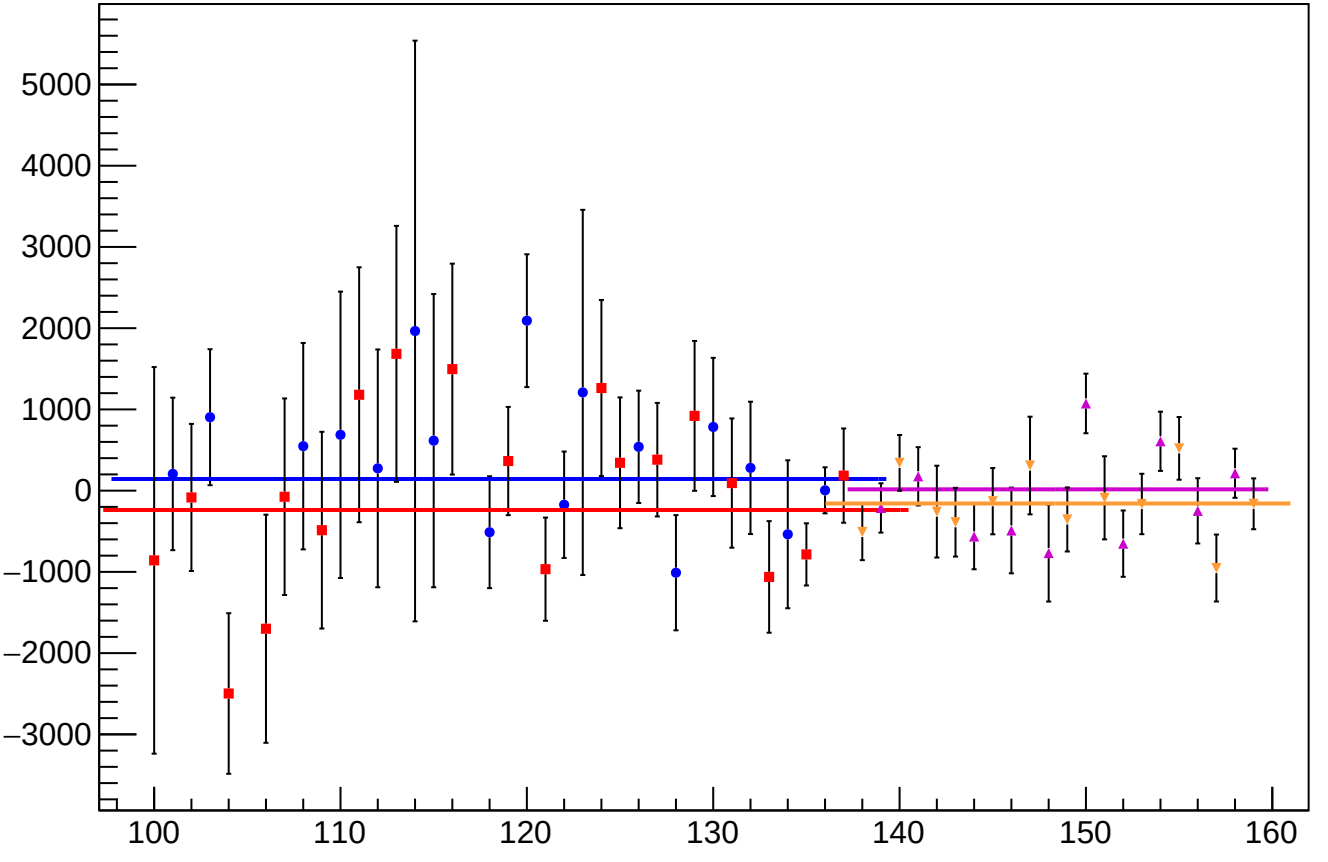
Left In: 334.133+/-0.084 χ^2/NDF:590875.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 336.366+/-0.059 χ^2/NDF: 1033896.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -158.138+/-115.806 χ^2/NDF:11.2/11

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

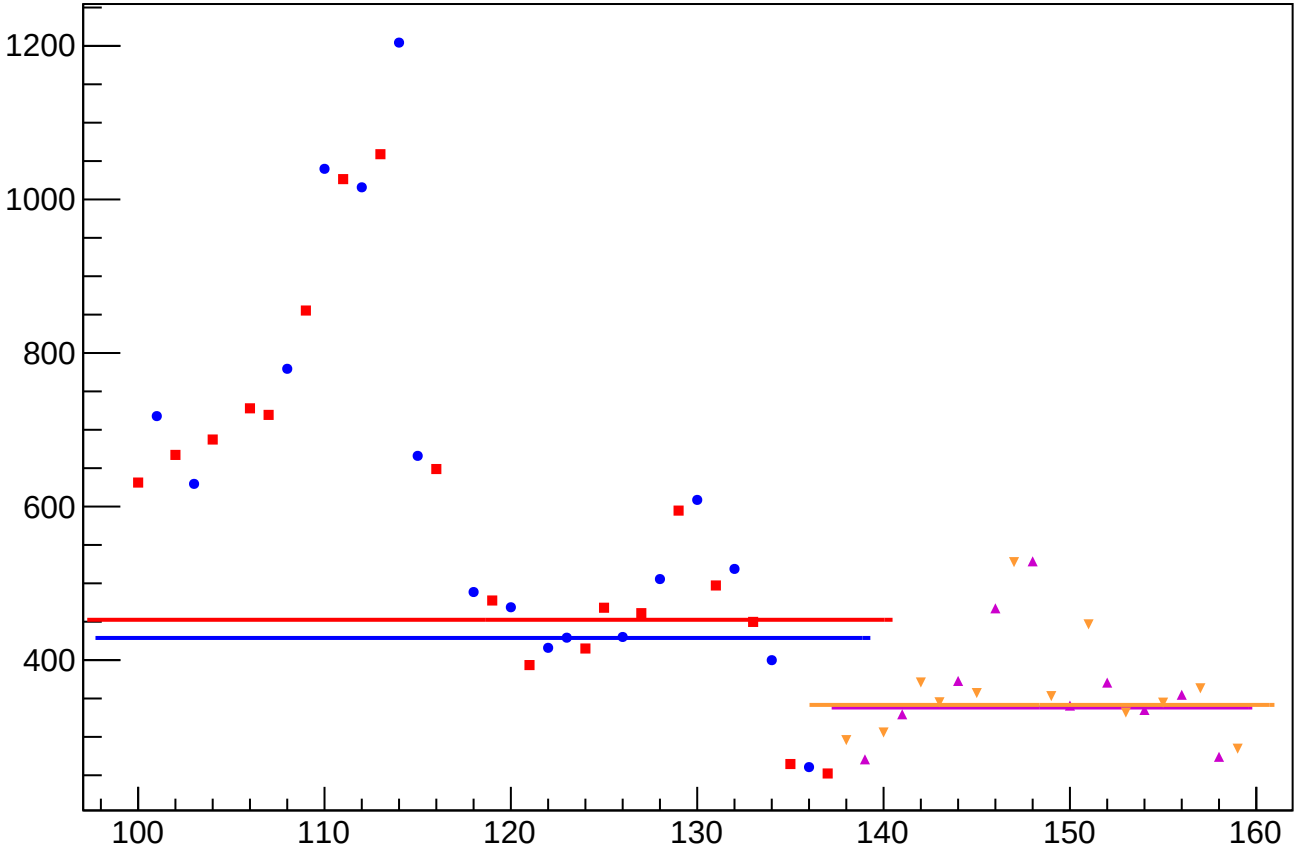
Left In: 16.175+/-120.150 χ^2/NDF:20.0/9

+ sign -69.307+/-97.270 χ^2/NDF: 25.9/28

All: -64.692+/-69.928 χ^2/NDF: 68.9/57

- sign -59.755+/-100.601 χ^2/NDF: 43.0/28

asym_sam1_rms vs Slug



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

Left Out: 341.649+/-0.082 χ^2/NDF:415816.6/11

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

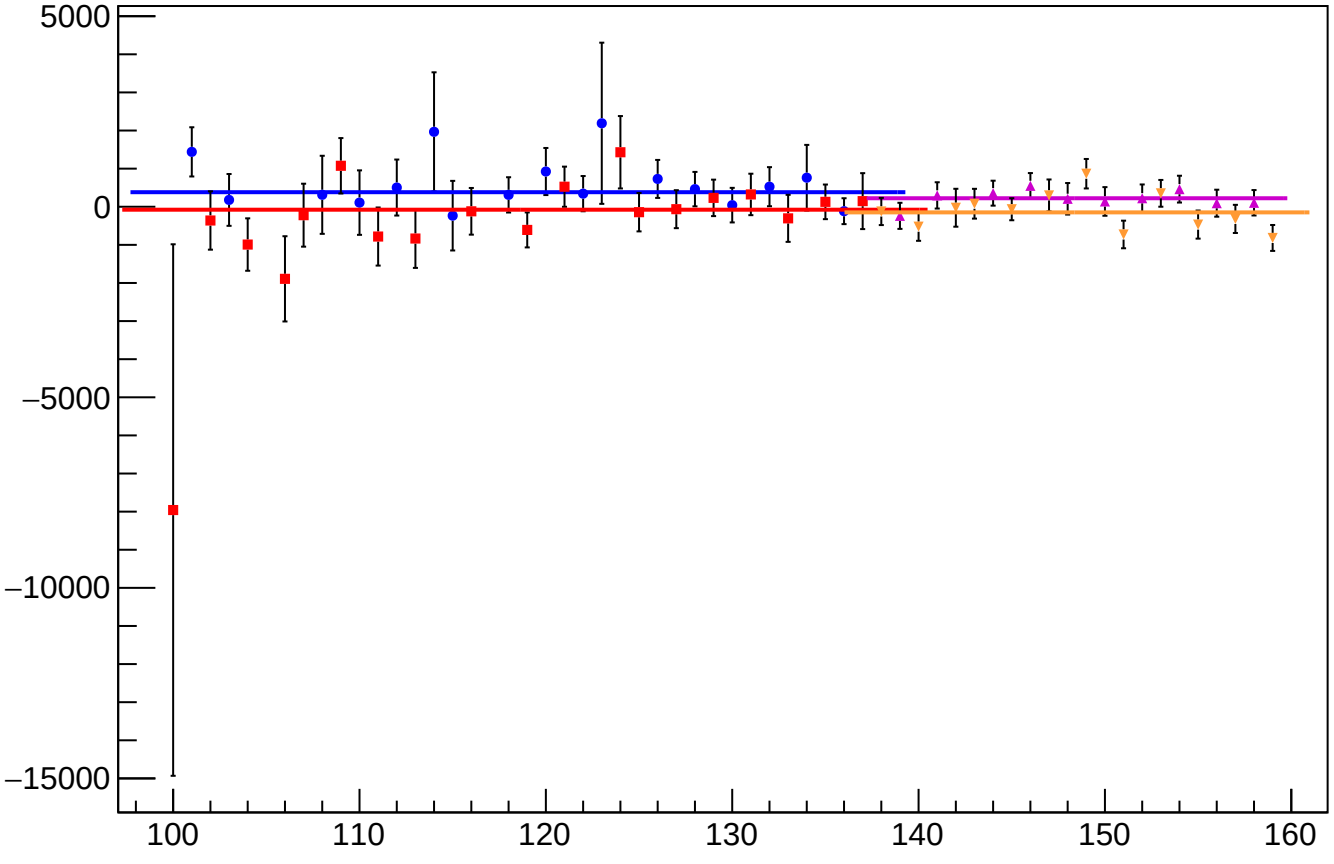
Left In: 338.243+/-0.085 χ^2/NDF:545028.6/9

+ sign 367.332+/-0.069 χ^2/NDF: 2762163.0/28

All: 369.783+/-0.049 χ^2/NDF: 5889898.7/57

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

dit_asym_sam2_mean vs Slug



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

Left Out: -147.758+/-105.968 χ^2/NDF:19.0/11

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

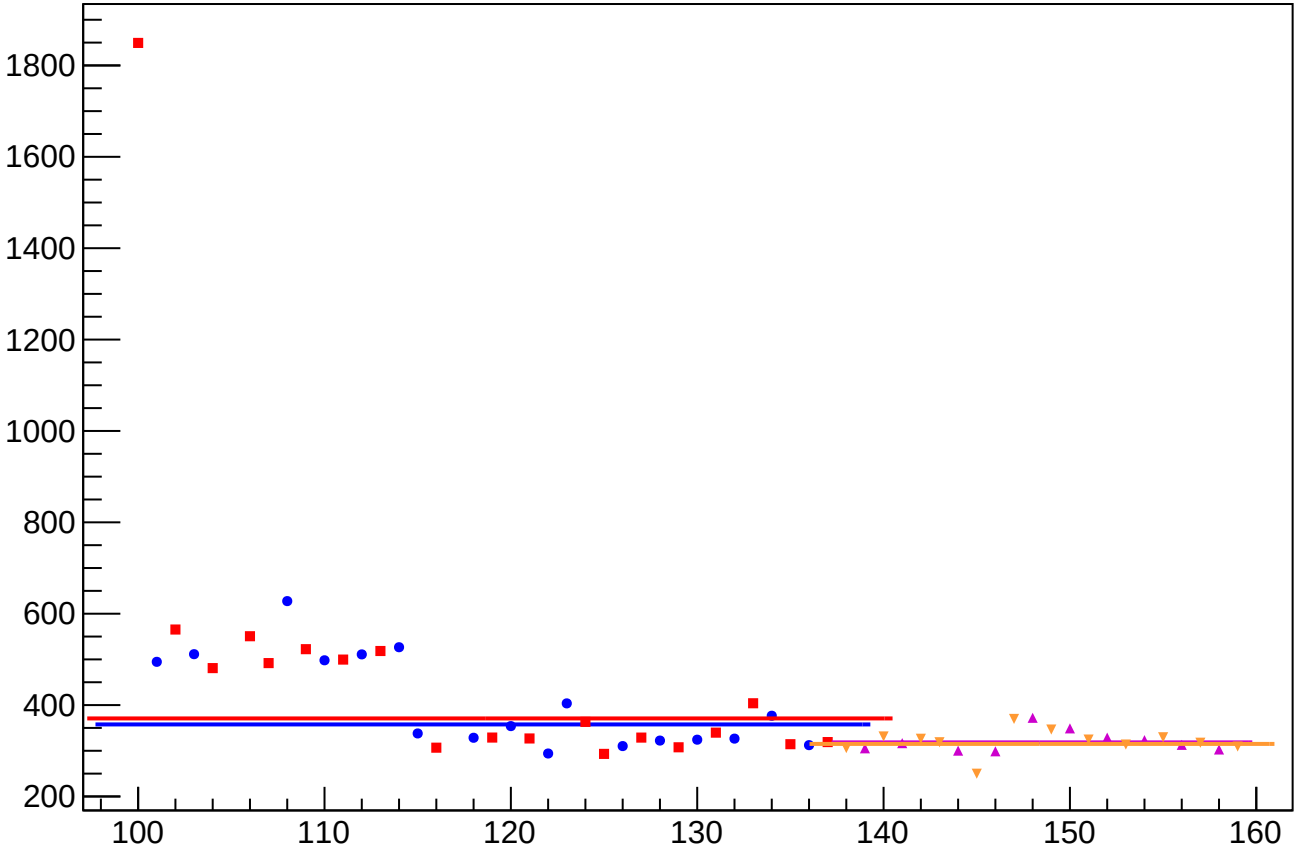
Left In: 222.988+/-111.209 χ^2/NDF:3.8/9

+ sign 43.086+/-84.753 χ^2/NDF: 37.4/28

All: 75.426+/-61.010 χ^2/NDF: 61.0/57

- sign 110.209+/-87.895 χ^2/NDF: 23.3/28

dit_asym_sam2_rms vs Slug



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

Left Out: 315.017+/-0.075 χ^2/NDF:160493.2/11

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

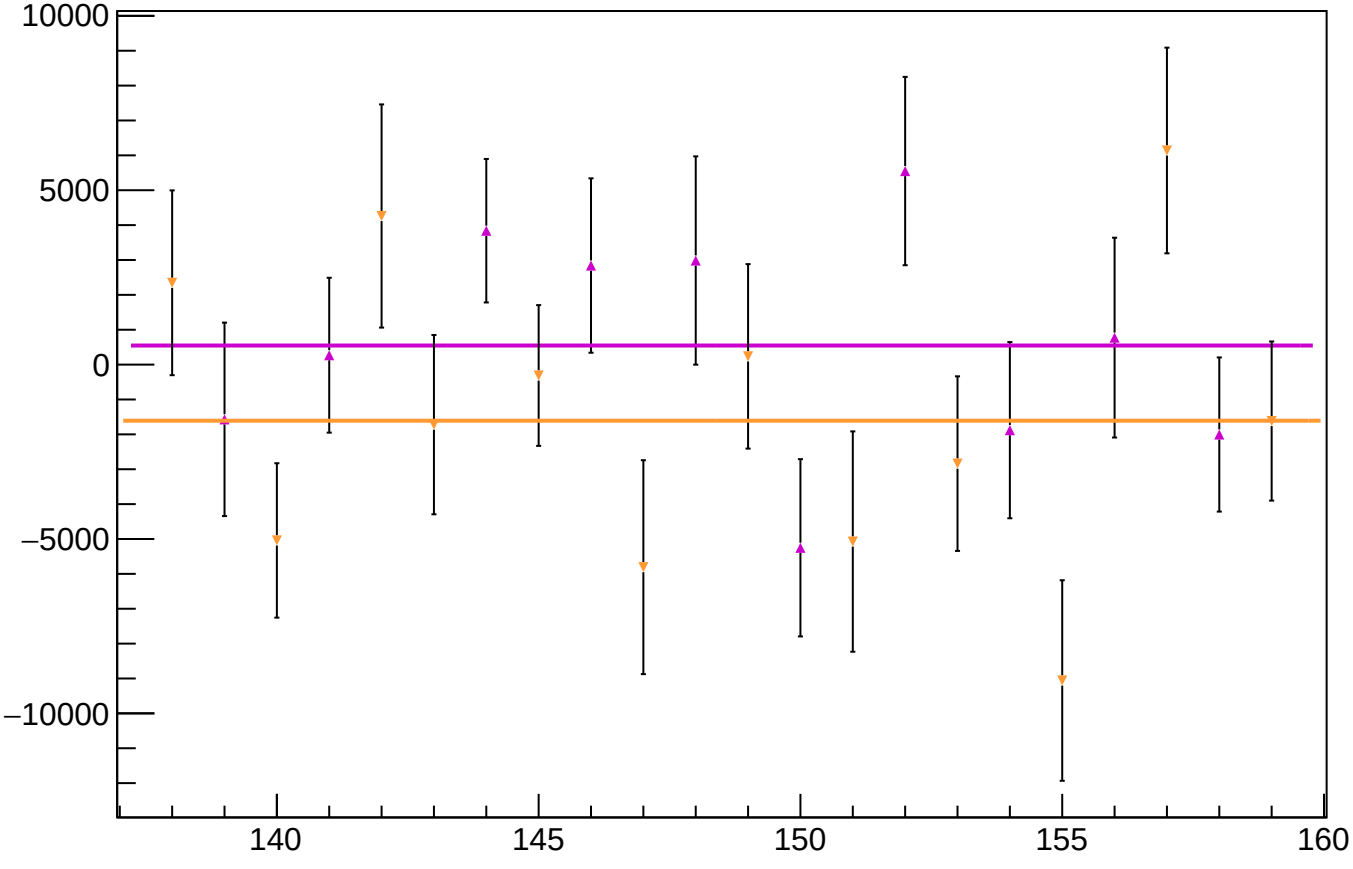
Left In: 318.394+/-0.079 χ^2/NDF:69856.0/9

+ sign 330.384+/-0.060 χ^2/NDF: 906884.8/28

All: 334.083+/-0.043 χ^2/NDF: 1936091.5/57

- sign 338.061+/-0.062 χ^2/NDF: 1021299.4/28

asym_sam2_correction_mean vs Slug



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

Left Out: -1608.681+/-749.900 χ^2/NDF:25.8/11

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

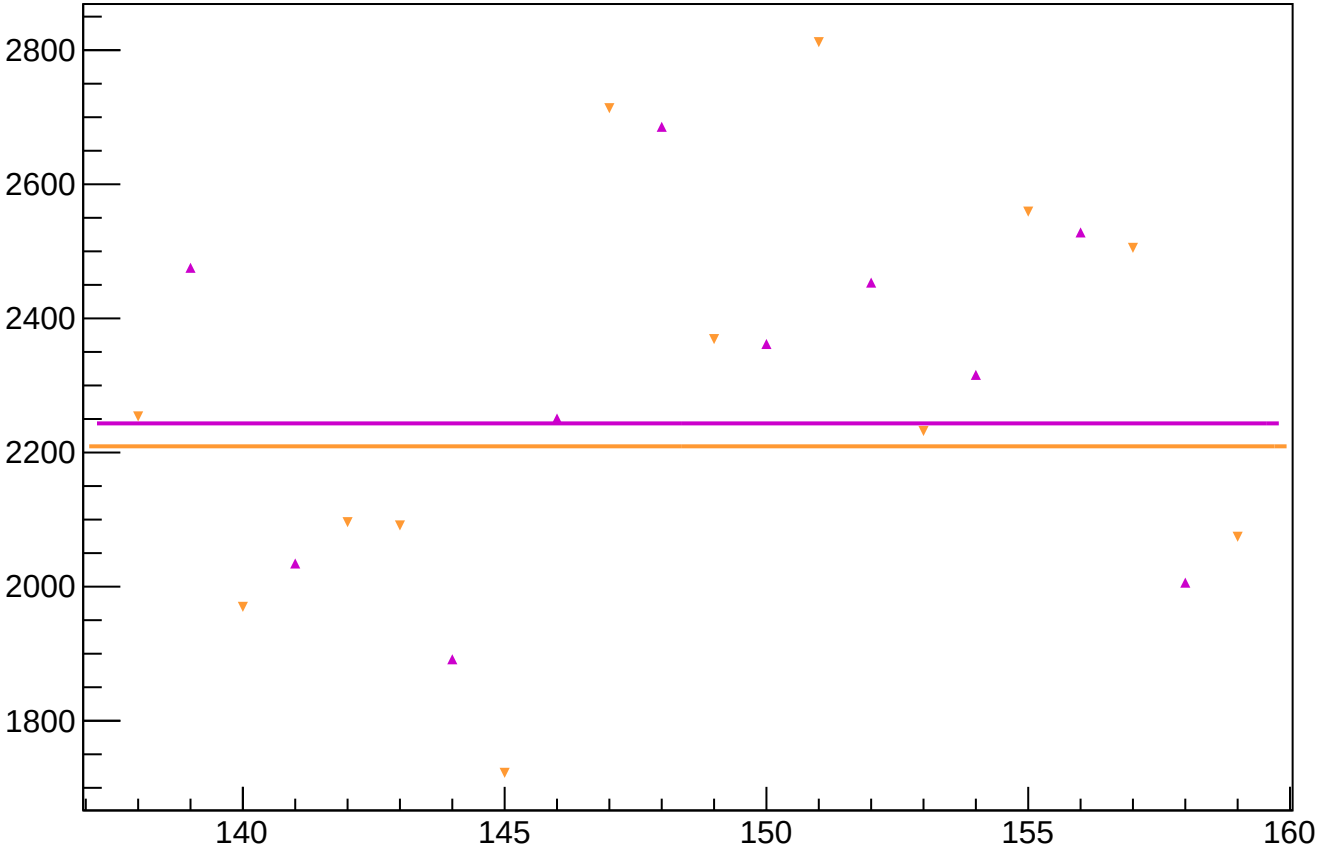
Left In: 547.248+/-786.519 χ^2/NDF:15.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -582.071+/-542.743 χ^2/NDF: 45.3/21

- 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: 2209.248+/-0.530 χ^2/NDF:338190.7/11

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

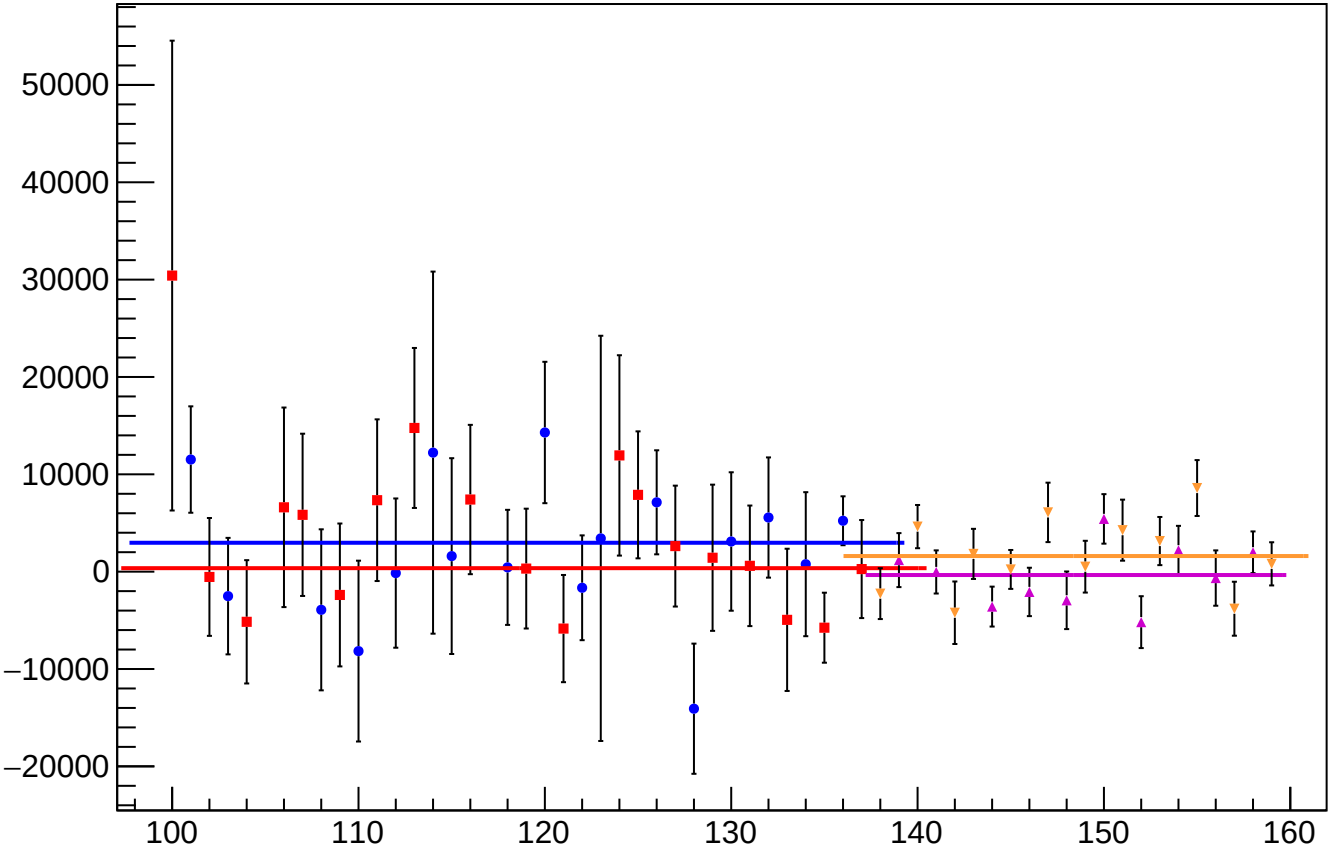
Left In: 2243.456+/-0.556 χ^2/NDF:194991.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2225.537+/-0.384 χ^2/NDF: 535163.7/21

- 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: 1604.695+/-741.984 χ^2/NDF:21.1/11

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

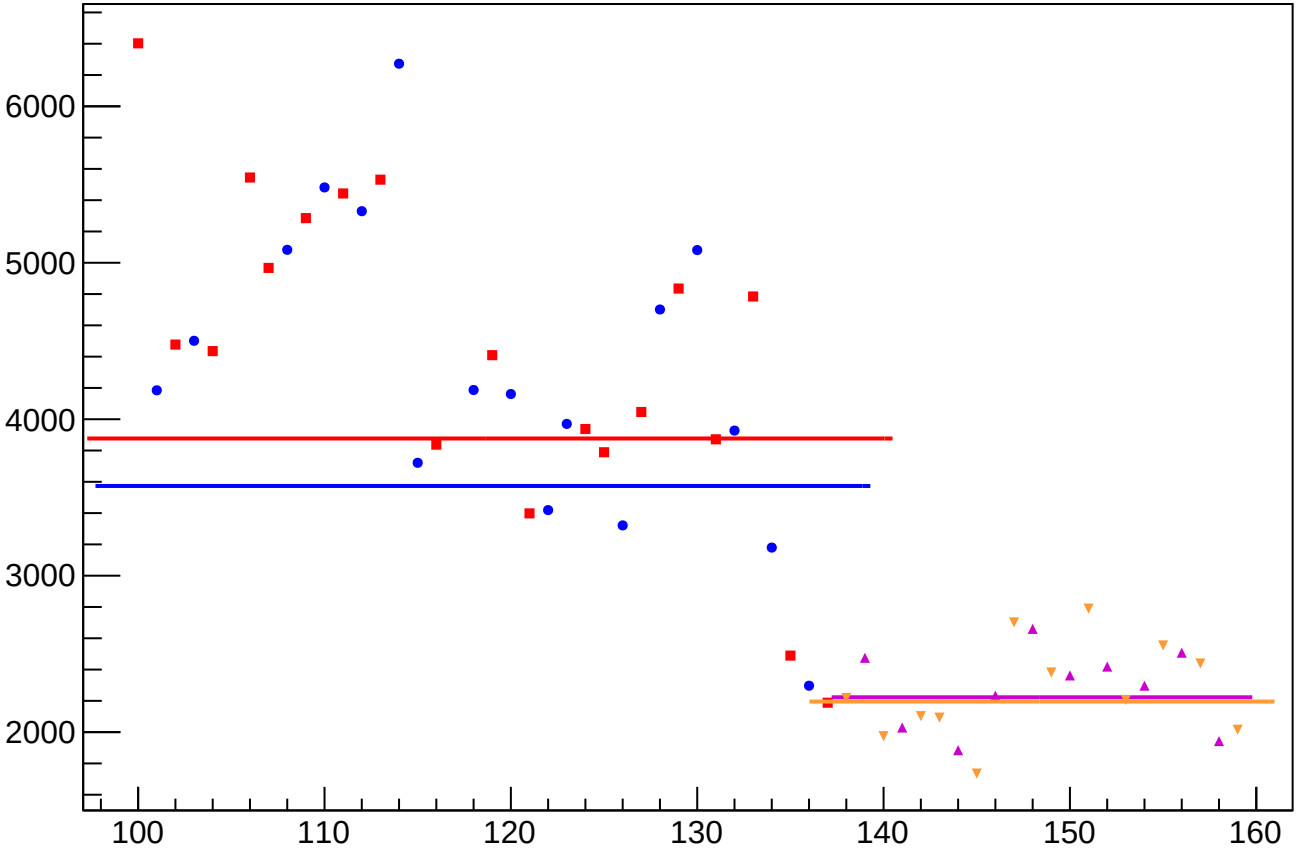
Left In: -345.191+/-779.866 χ^2/NDF:14.8/9

+ sign 1890.797+/-659.621 χ^2/NDF: 39.2/28

All: 898.054+/-477.664 χ^2/NDF: 74.2/57

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

asym_sam2_rms vs Slug



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

Left Out: 2195.455+/-0.525 χ^2/NDF:327370.6/11

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

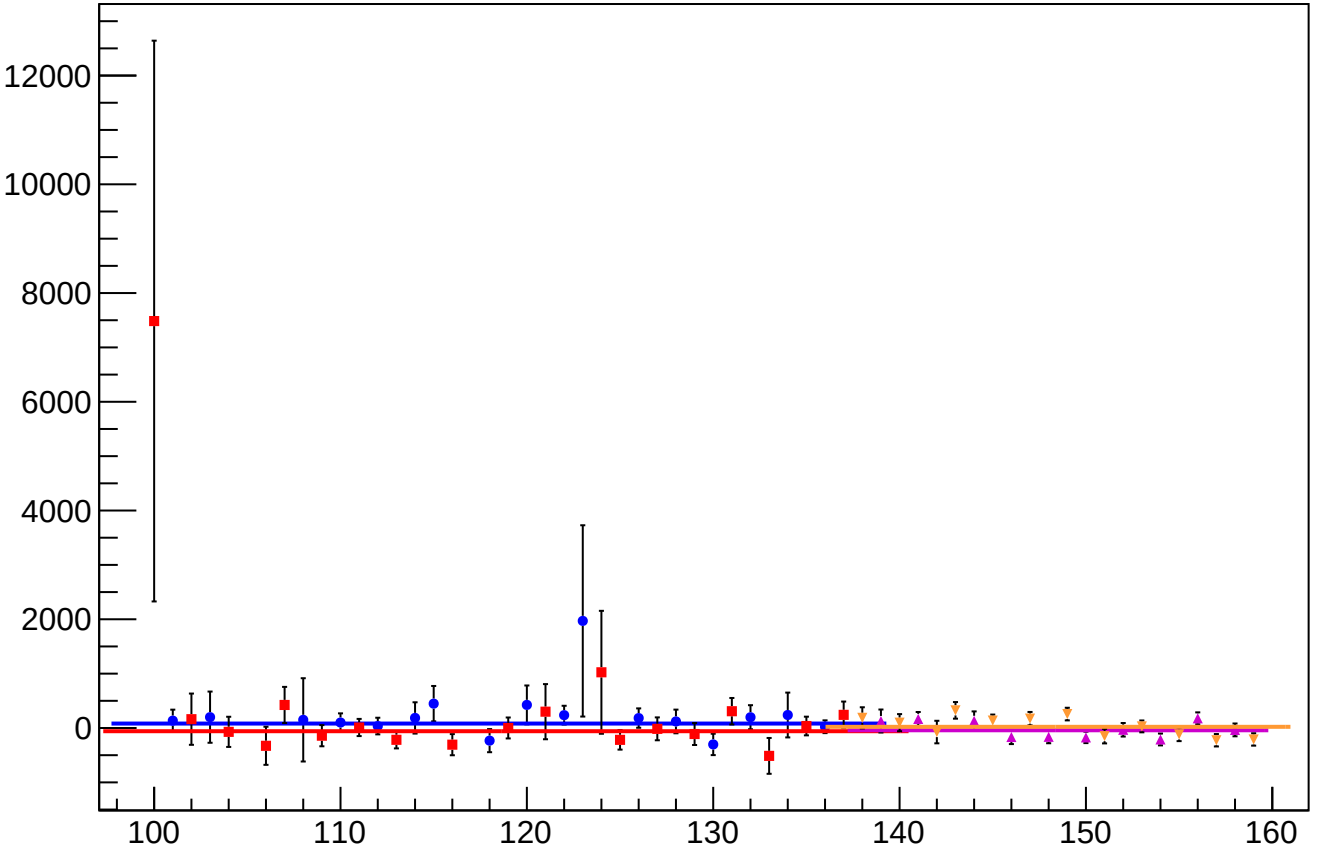
Left In: 2222.804+/-0.551 χ^2/NDF:202803.7/9

+ sign 2484.405+/-0.466 χ^2/NDF: 2862599.1/28

All: 2526.153+/-0.338 χ^2/NDF: 5971086.3/57

- sign 2572.183+/-0.490 χ^2/NDF: 3091642.6/28

dit_asym_sam3_mean vs Slug



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

Left Out: 21.855+/-37.392 χ^2/NDF:23.6/11

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

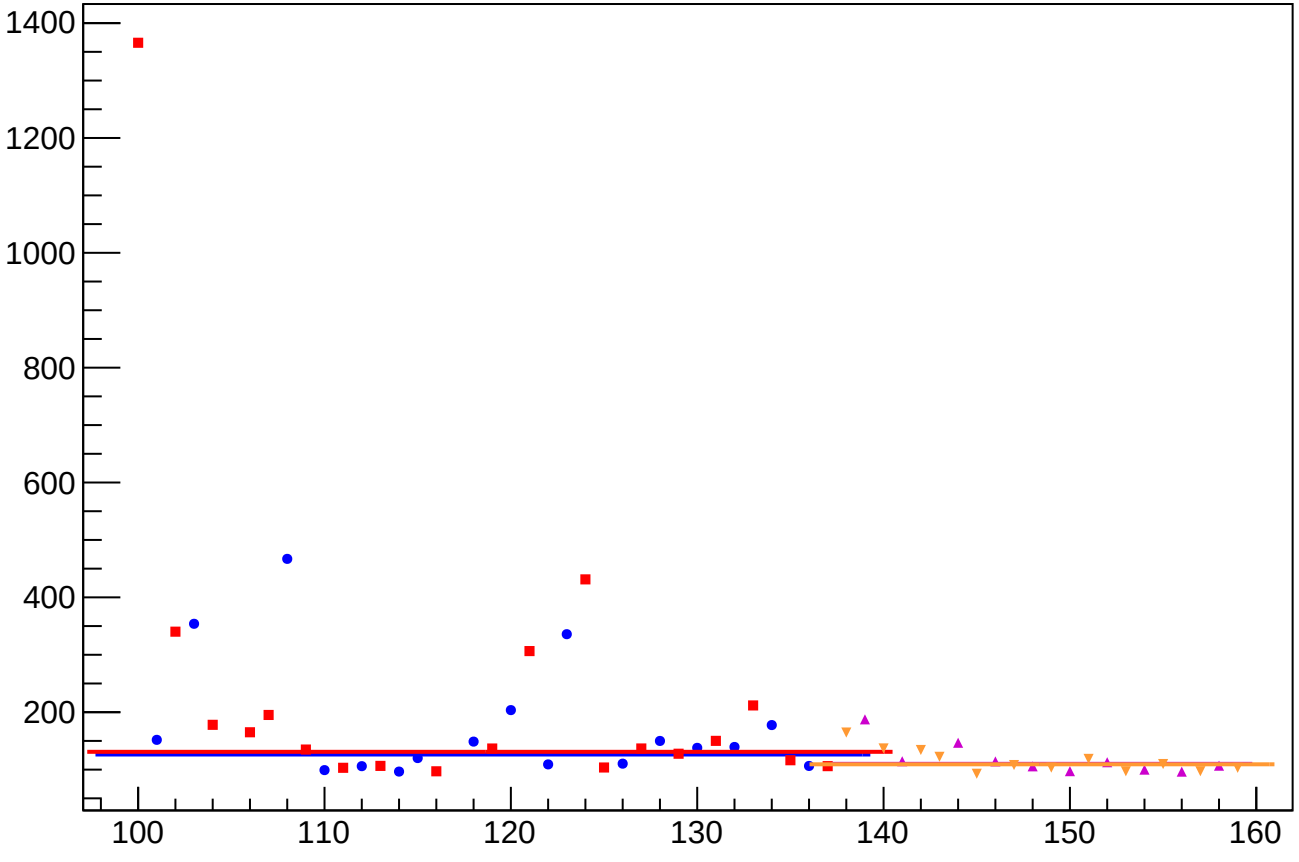
Left In: -41.663+/-39.505 χ^2/NDF:14.2/9

+ sign 42.352+/-30.340 χ^2/NDF: 36.0/28

All: -0.751+/-21.922 χ^2/NDF: 70.9/57

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

dit_asym_sam3_rms vs Slug



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 109.269+/-0.026 χ^2/NDF:379919.9/11

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

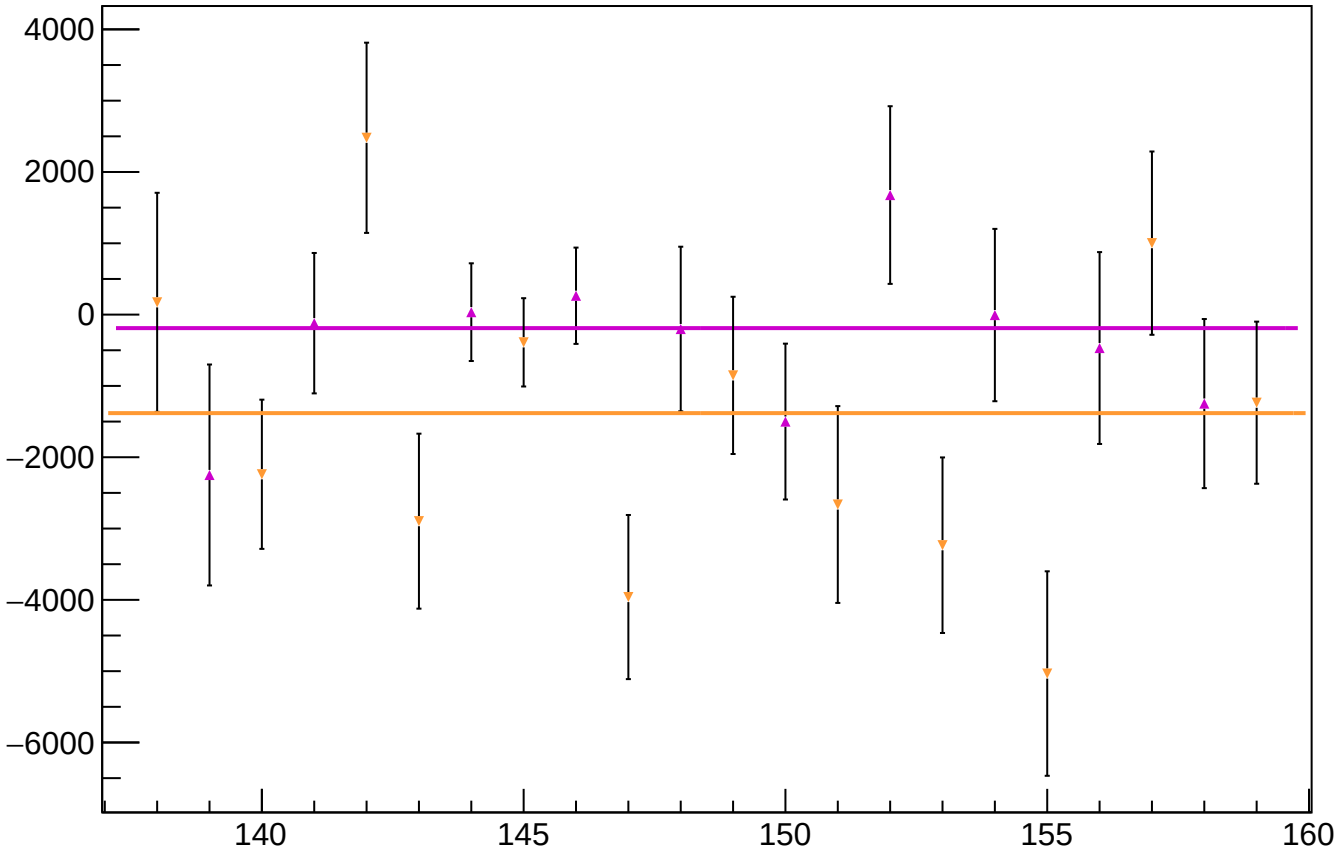
Left In: 110.069+/-0.028 χ^2/NDF:445071.2/9

+ sign 115.101+/-0.021 χ^2/NDF: 1832910.3/28

All: 116.256+/-0.016 χ^2/NDF: 3913159.9/57

- sign 117.517+/-0.022 χ^2/NDF: 2074185.4/28

asym_sam3_correction_mean vs Slug



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

Left Out: -1381.365+/-319.414 χ^2/NDF:32.5/11

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

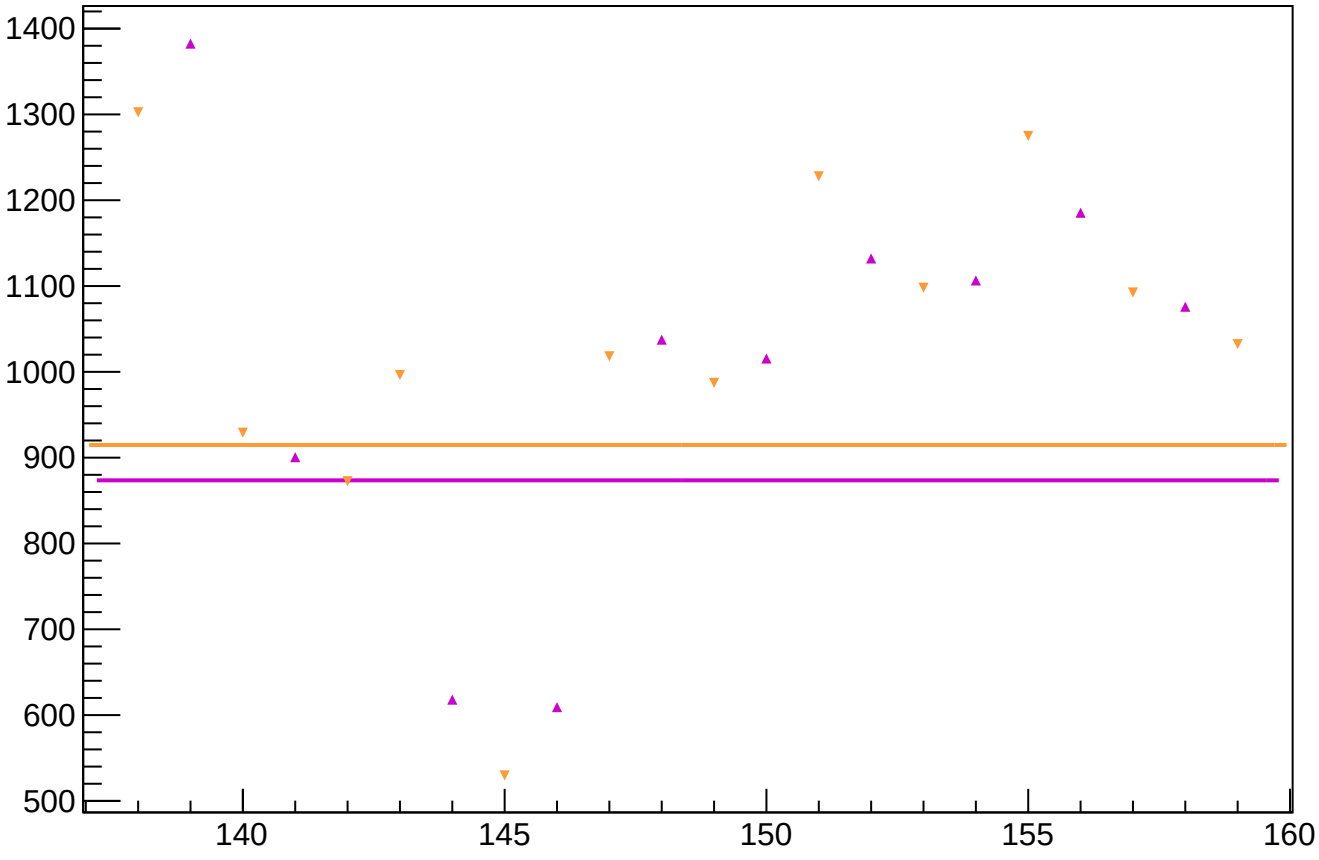
Left In: -189.427+/-316.961 χ^2/NDF:6.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -780.802+/-224.987 χ^2/NDF: 46.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 914.775+/-0.226 χ^2/NDF:1270165.7/11

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

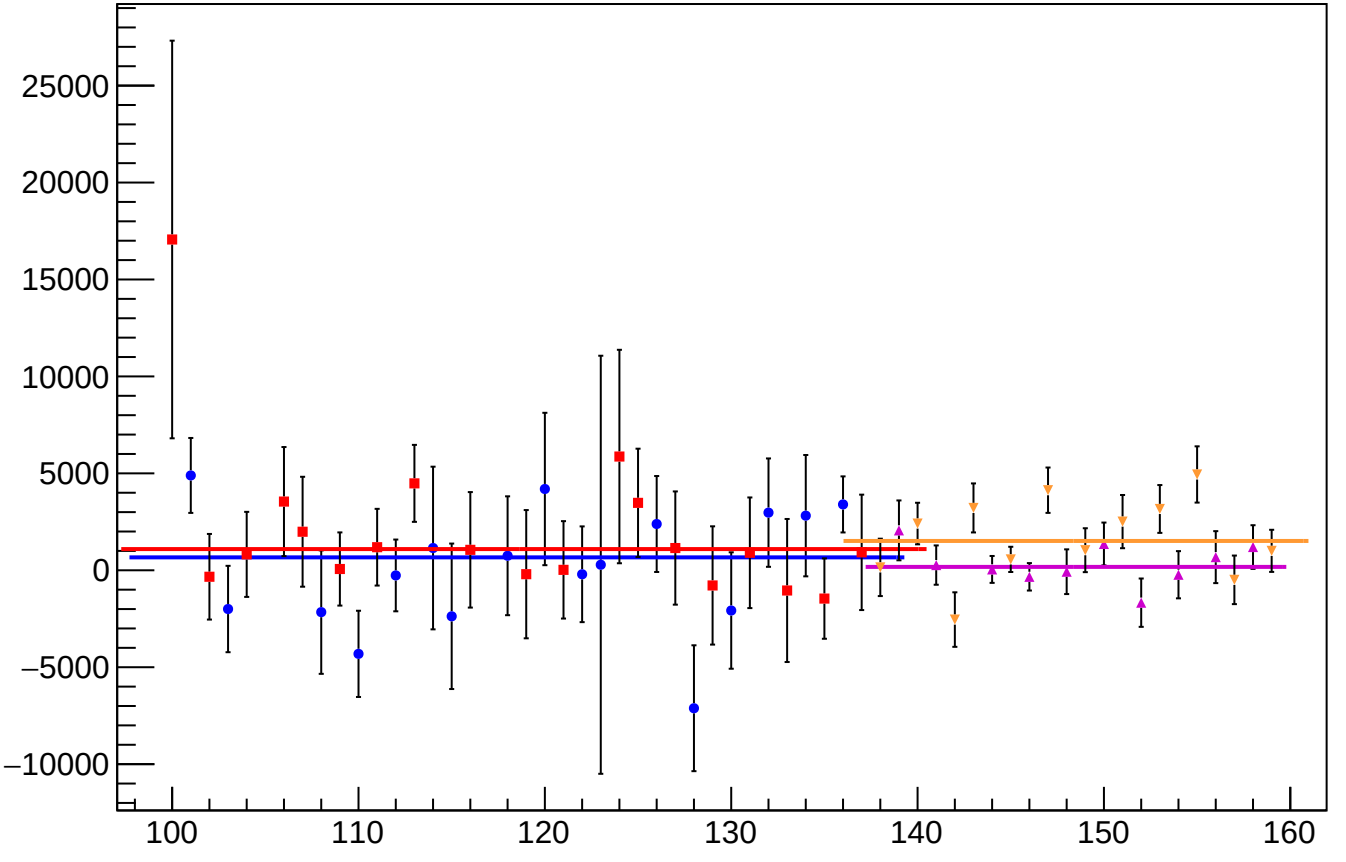
Left In: 873.583+/-0.224 χ^2/NDF:1202373.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 894.020+/-0.159 χ^2/NDF: 2489297.7/21

- 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: 1513.006+/-324.735 χ^2/NDF:29.7/11

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

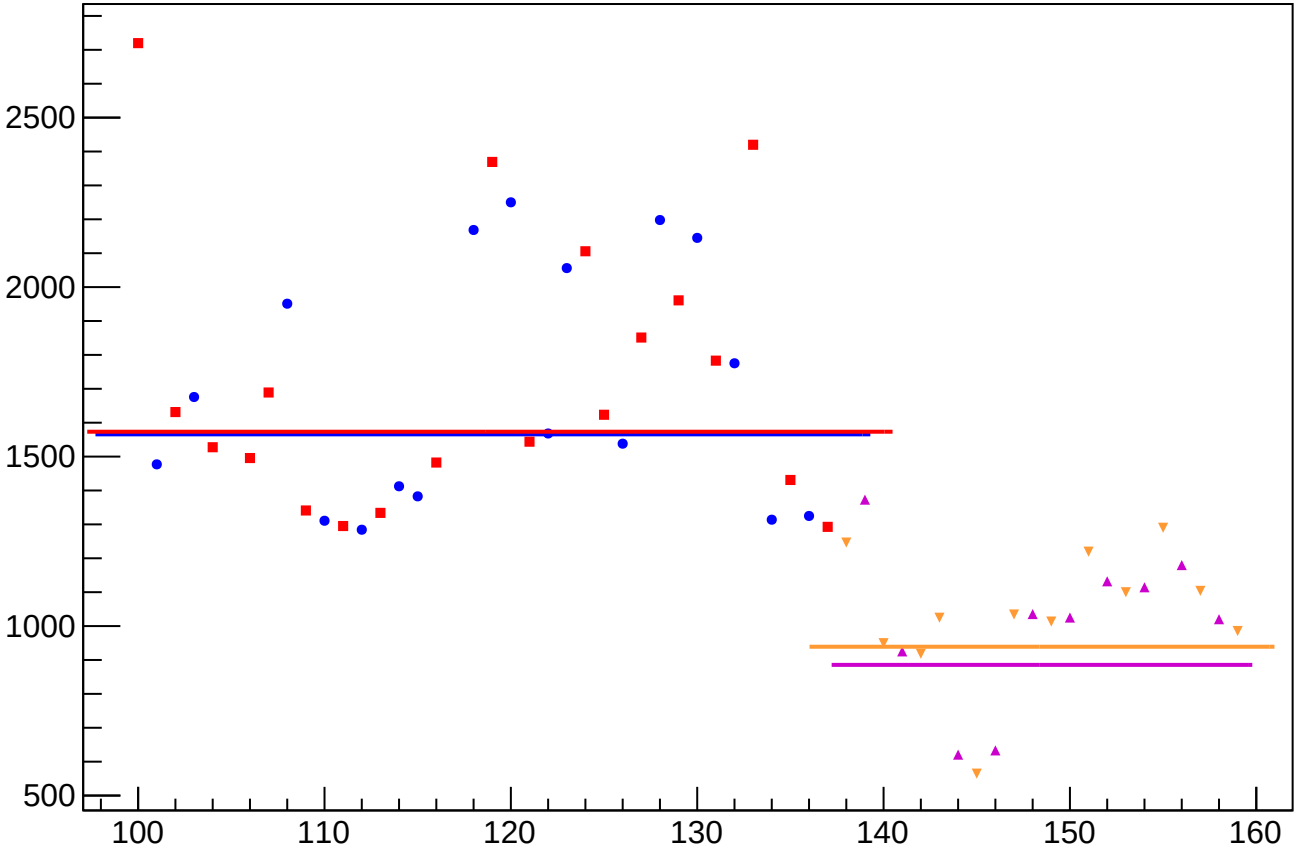
Left In: 175.058+/-320.998 χ^2/NDF:6.5/9

+ sign 1330.228+/-287.550 χ^2/NDF: 56.8/28

All: 847.158+/-201.814 χ^2/NDF: 81.7/57

- sign 378.218+/-283.313 χ^2/NDF: 19.3/28

asym_sam3_rms vs Slug



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

Left Out: 939.051+/-0.230 χ^2/NDF:1053948.7/11

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

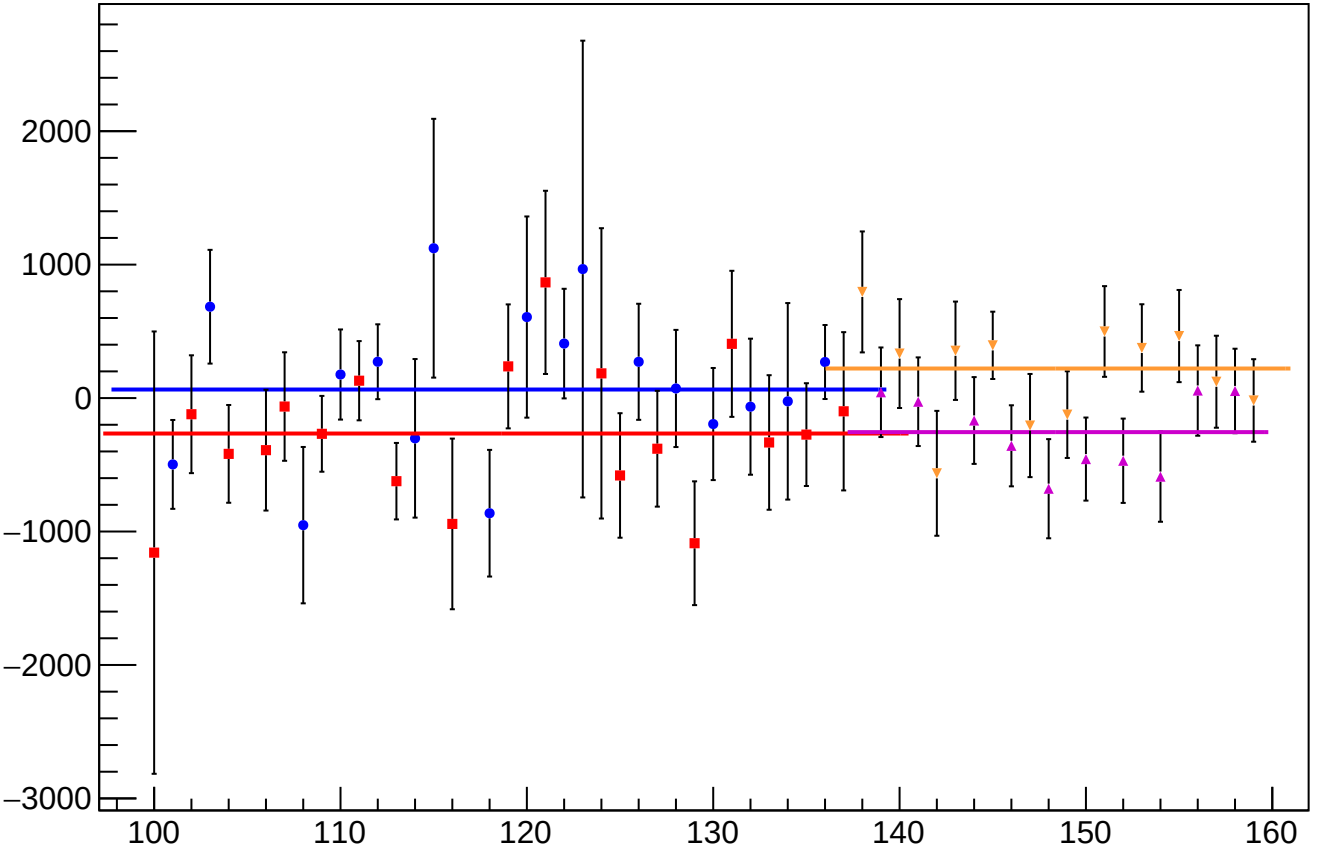
Left In: 885.510+/-0.227 χ^2/NDF:1088062.1/9

+ sign 1074.333+/-0.203 χ^2/NDF: 3152355.9/28

All: 1055.661+/-0.143 χ^2/NDF: 6748816.0/57

- sign 1037.535+/-0.200 χ^2/NDF: 3579840.3/28

dit_asym_sam4_mean vs Slug



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 221.475+/-100.034 χ^2/NDF:9.5/11

Right Out: -265.661+/-99.379 χ^2/NDF: 14.7/18

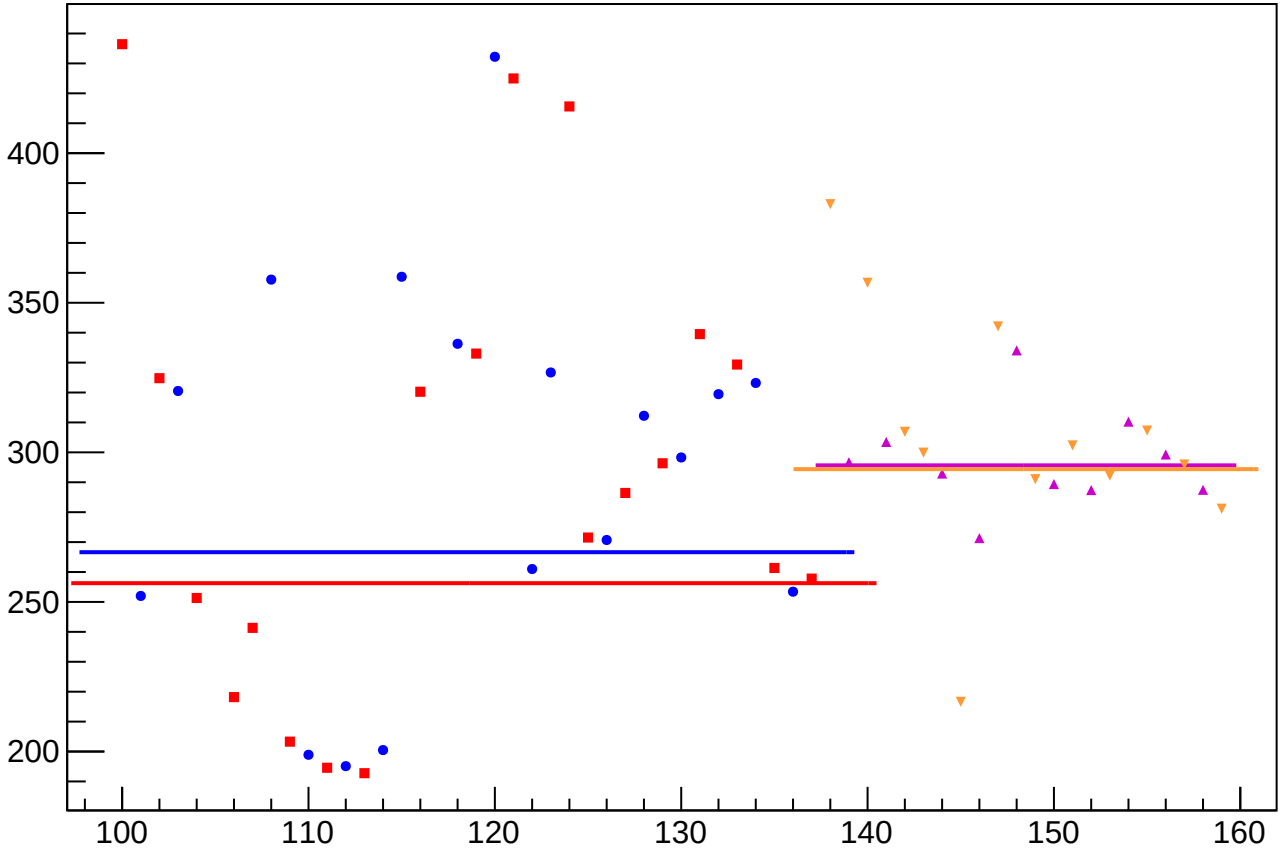
Left In: -255.167+/-103.546 χ^2/NDF:6.4/9

+ sign 146.842+/-72.537 χ^2/NDF: 27.4/28

All: -59.258+/-50.993 χ^2/NDF: 64.5/57

- sign -260.630+/-71.700 χ^2/NDF: 21.1/28

dit_asym_sam4_rms vs Slug



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 294.383+/-0.071 χ^2/NDF:353374.5/11

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

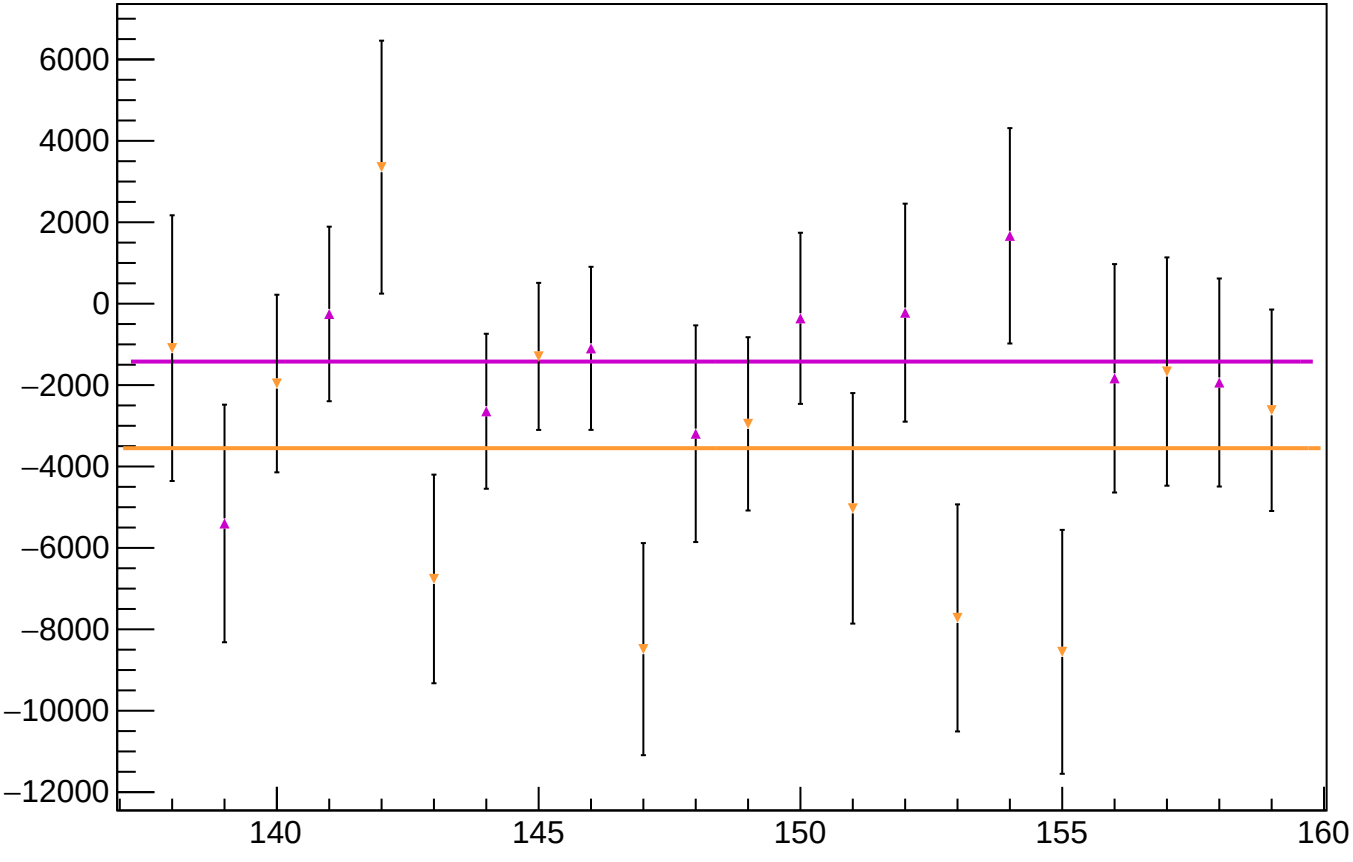
Left In: 295.653+/-0.073 χ^2/NDF:42960.4/9

+ sign 281.220+/-0.051 χ^2/NDF: 977155.3/28

All: 278.151+/-0.036 χ^2/NDF: 1874701.7/57

- sign 275.152+/-0.051 χ^2/NDF: 890467.8/28

asym_sam4_correction_mean vs Slug



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

Left Out: -3550.034+/-727.490 χ^2/NDF:18.7/11

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

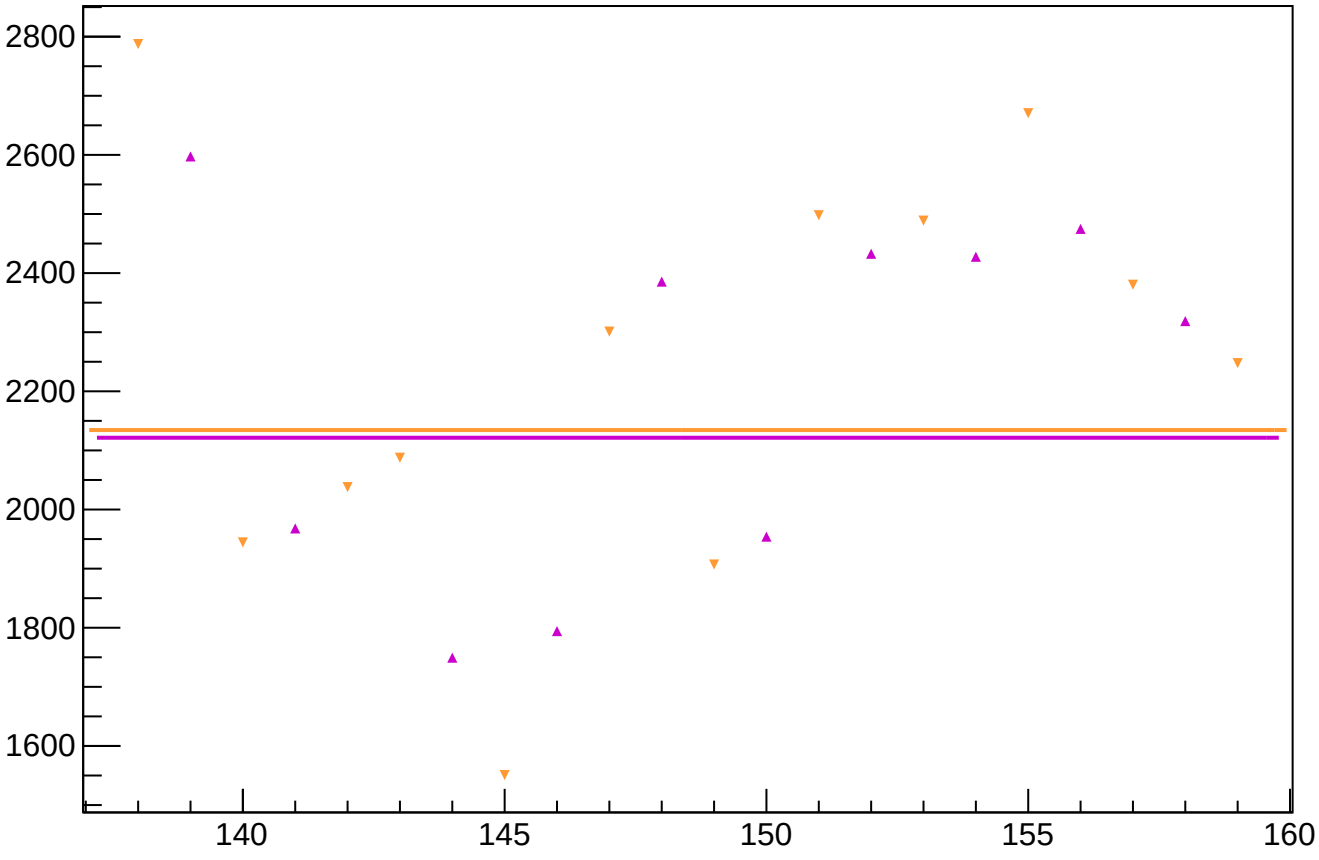
Left In: -1422.315+/-747.431 χ^2/NDF:4.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2514.936+/-521.320 χ^2/NDF: 27.8/21

- 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: 2134.465+/-0.514 χ^2/NDF:486522.5/11

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

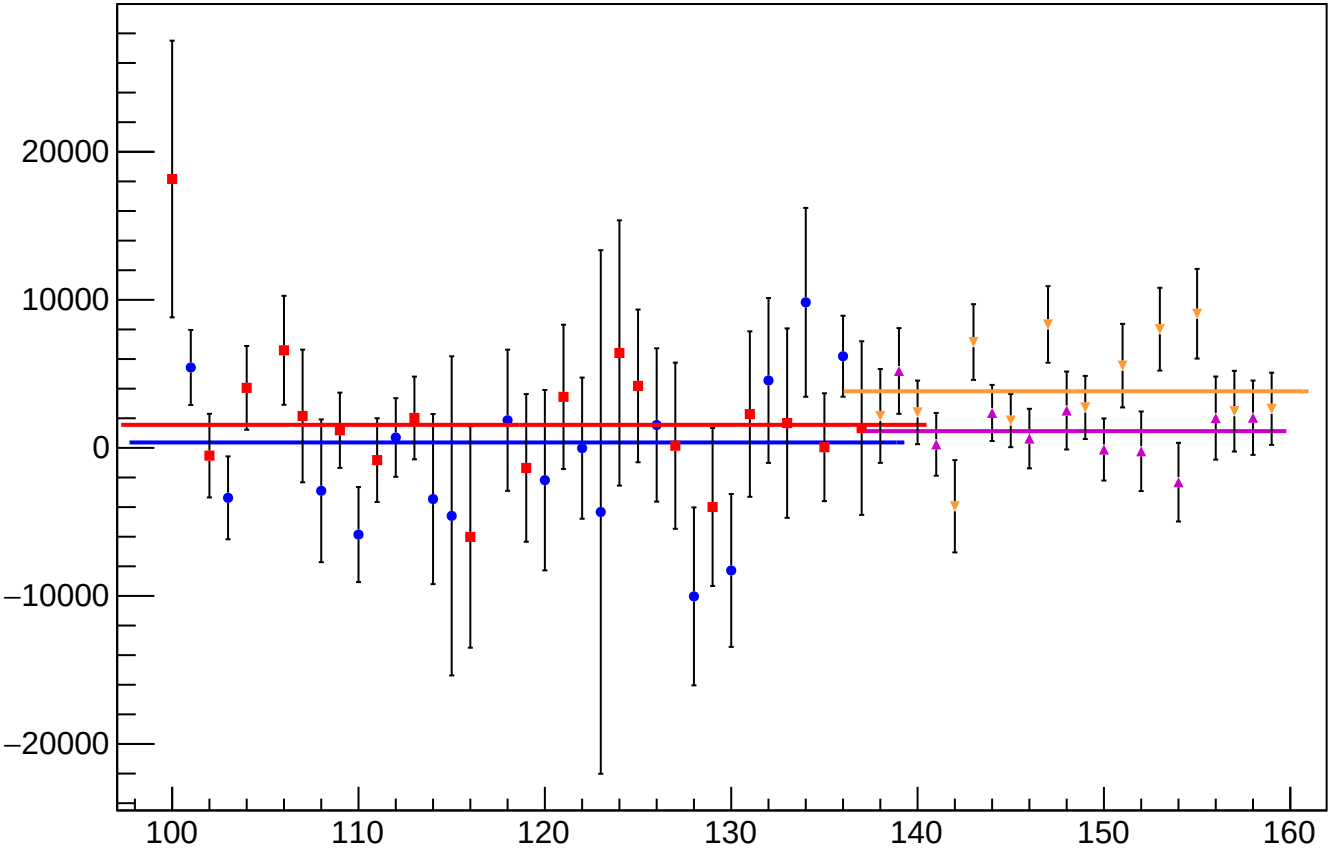
Left In: 2121.470+/-0.529 χ^2/NDF:323024.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2128.143+/-0.369 χ^2/NDF: 809857.3/21

- 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: 3823.095+/-722.231 χ^2/NDF:19.2/11

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

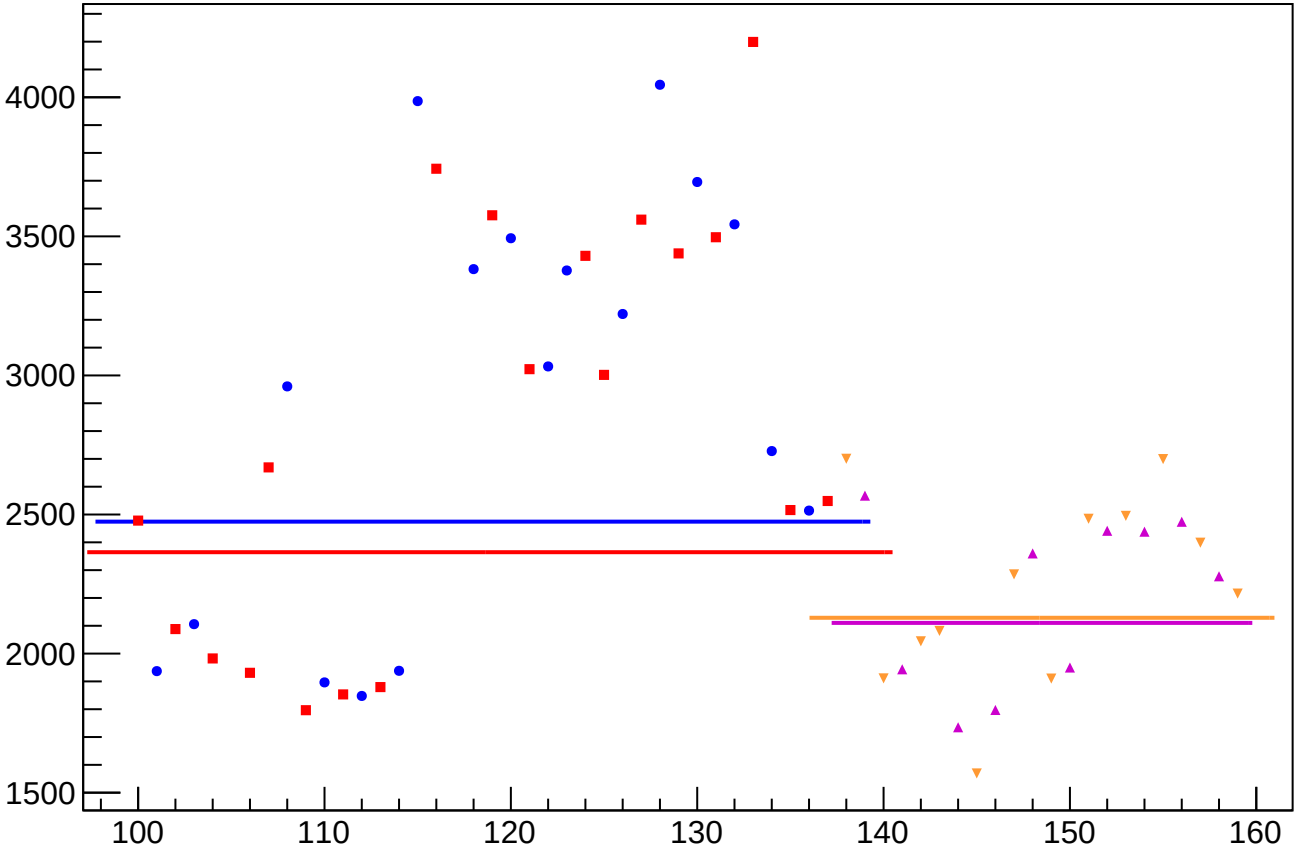
Left In: 1133.106+/-744.240 χ^2/NDF:5.4/9

+ sign 2626.358+/-583.975 χ^2/NDF: 51.3/28

All: 1958.230+/-411.380 χ^2/NDF: 70.0/57

- sign 1300.053+/-579.609 χ^2/NDF: 16.1/28

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2128.747+/-0.511 χ^2/NDF:469737.7/11

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

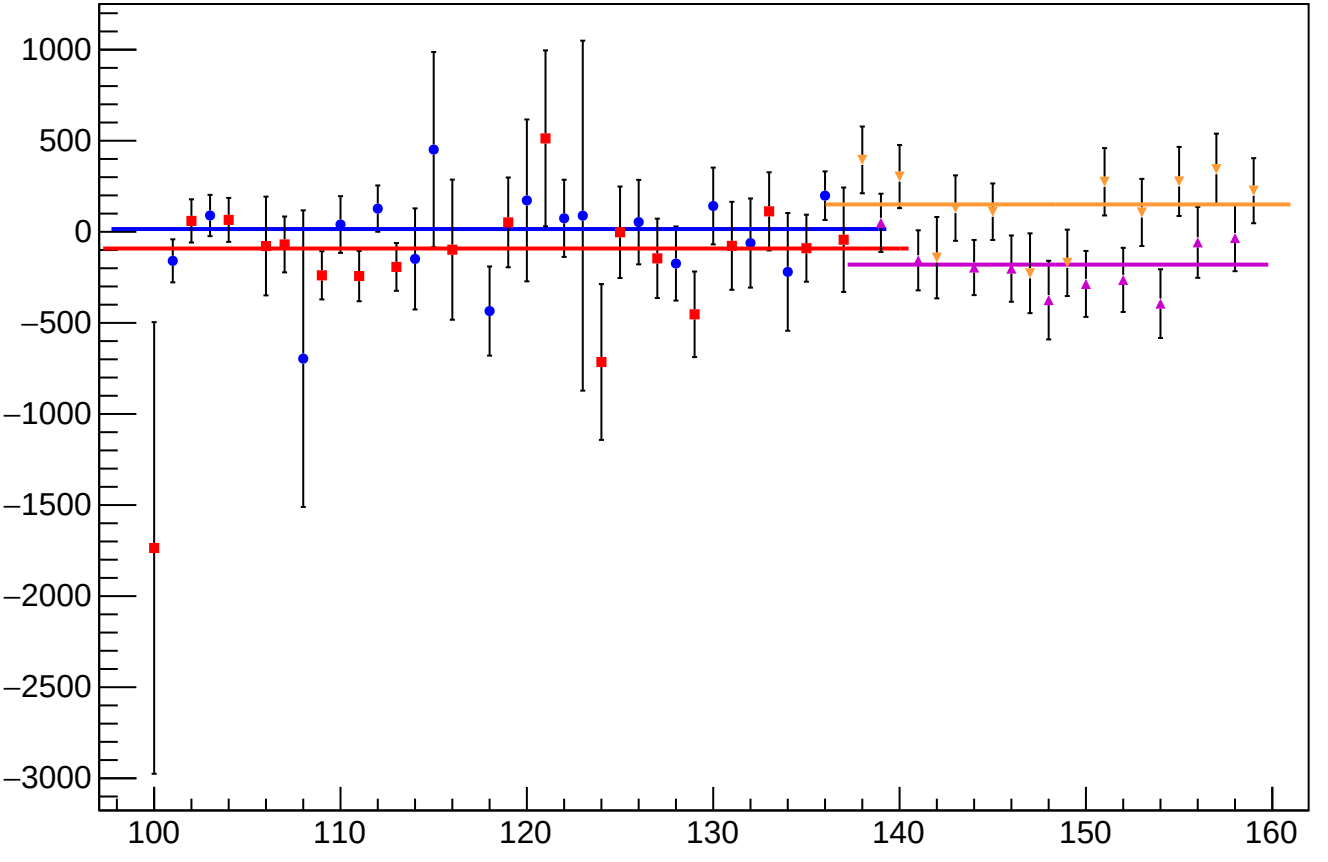
Left In: 2110.340+/-0.526 χ^2/NDF:322350.7/9

+ sign 2248.413+/-0.413 χ^2/NDF: 1534589.7/28

All: 2229.238+/-0.291 χ^2/NDF: 2976407.6/57

- sign 2210.350+/-0.410 χ^2/NDF: 1437537.7/28

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 150.384+/-53.403 χ^2/NDF:12.5/11

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

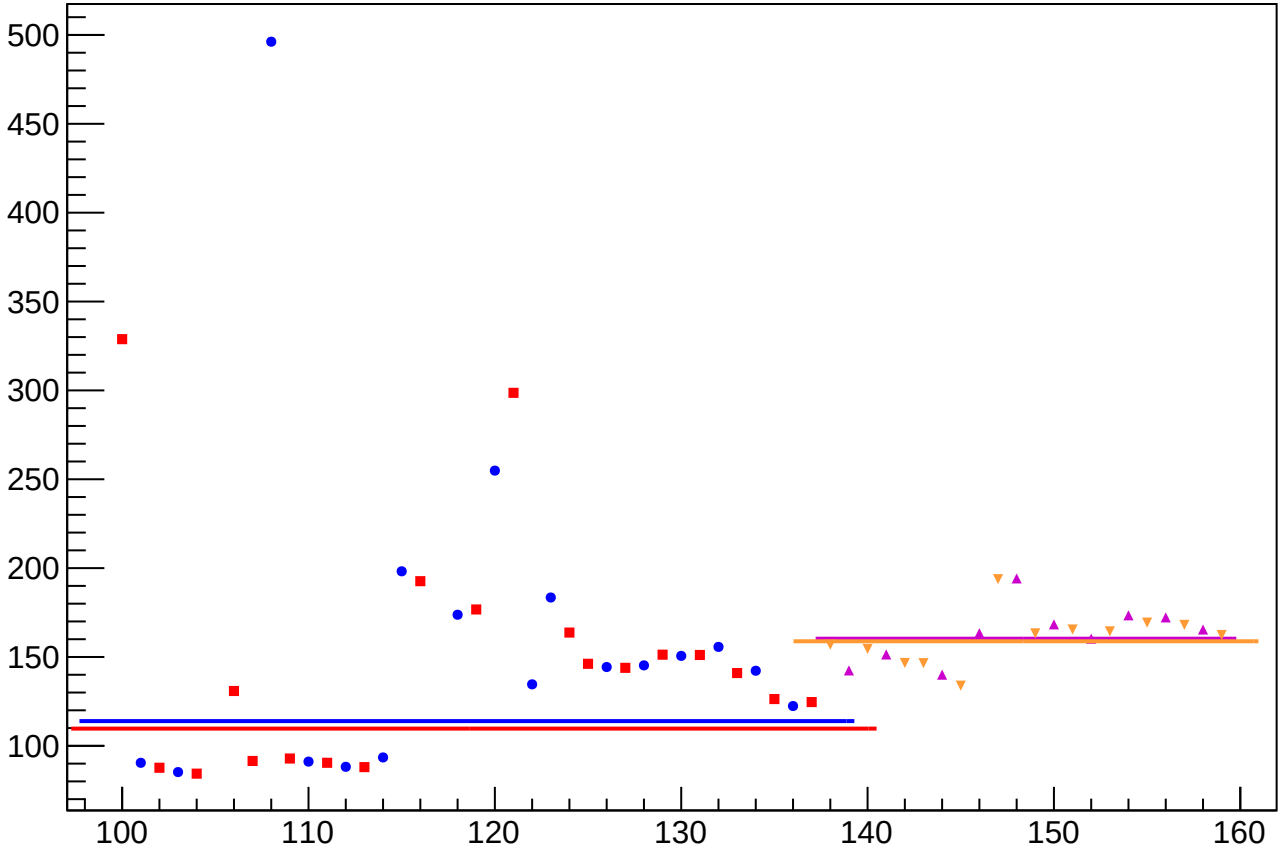
Left In: -180.054+/-56.037 χ^2/NDF:5.8/9

+ sign 73.474+/-35.044 χ^2/NDF: 28.7/28

All: -27.825+/-24.503 χ^2/NDF: 68.1/57

- sign -124.707+/-34.272 χ^2/NDF: 23.0/28

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 158.845+/-0.038 χ^2/NDF:136502.8/11

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

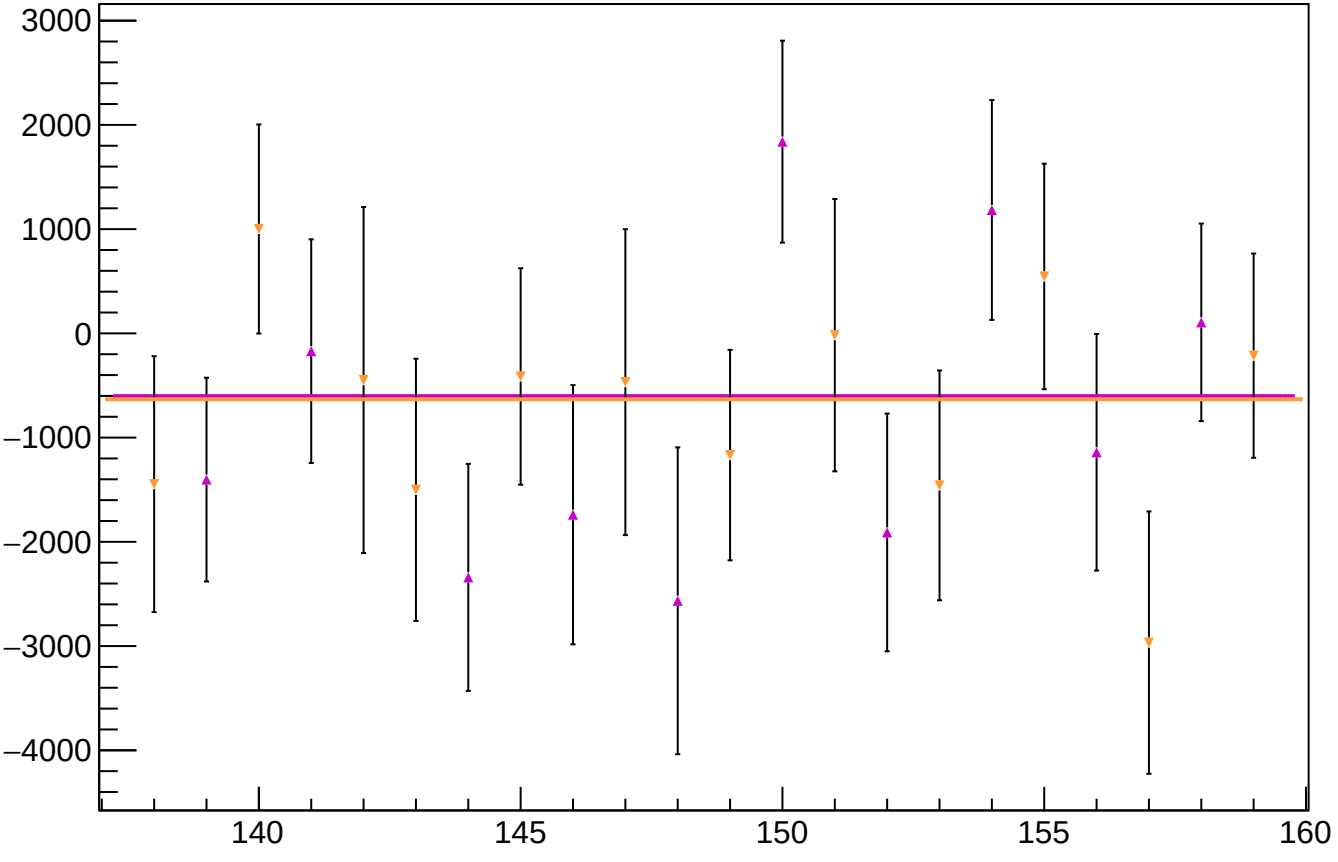
Left In: 160.295+/-0.040 χ^2/NDF:139256.2/9

+ sign 133.273+/-0.025 χ^2/NDF: 2349805.3/28

All: 130.900+/-0.017 χ^2/NDF: 4769179.6/57

- sign 128.631+/-0.024 χ^2/NDF: 2401437.3/28

asym_sam5_correction_mean vs Slug



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

Left Out: -631.889+/-334.040 χ^2/NDF:9.5/11

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

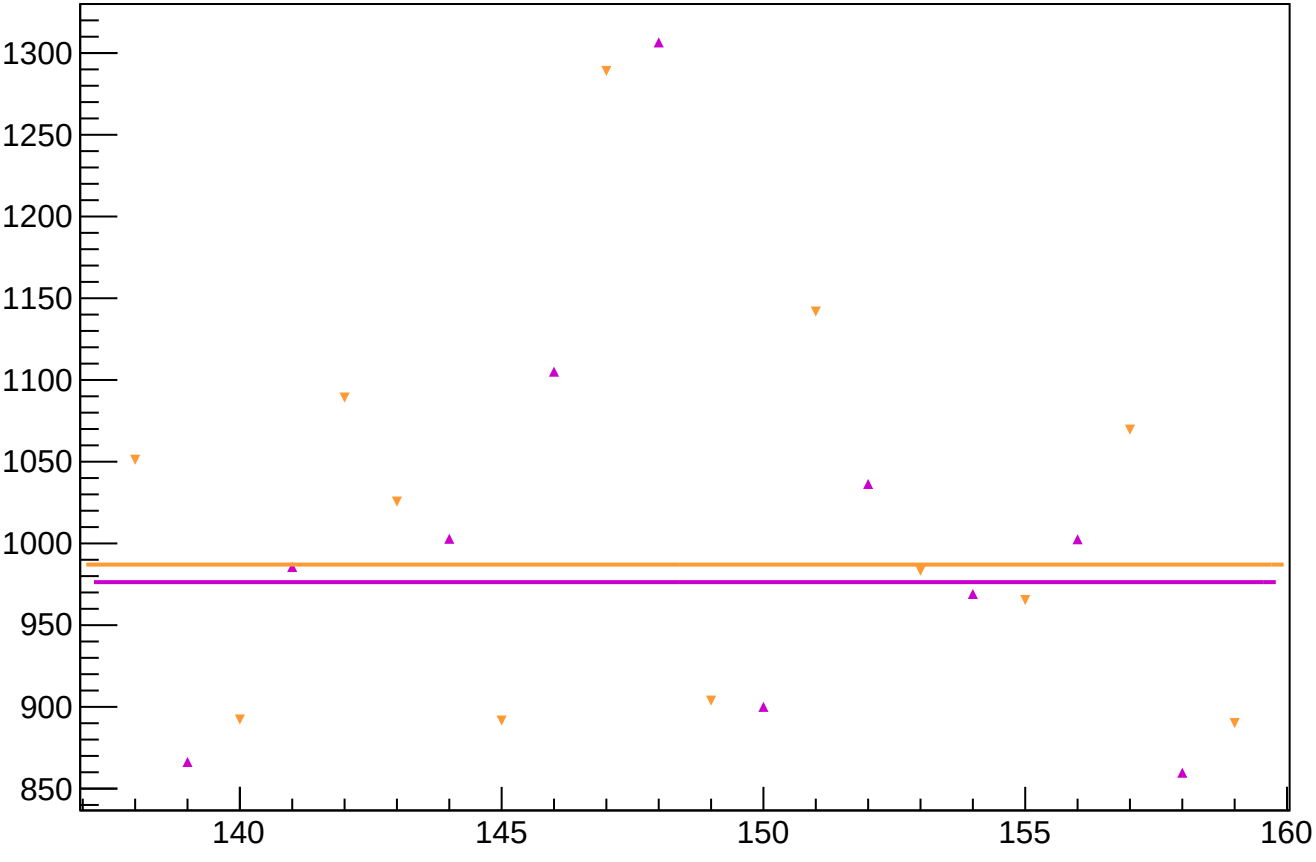
Left In: -602.346+/-343.199 χ^2/NDF:17.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -617.517+/-239.375 χ^2/NDF: 26.8/21

- 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: 987.057+/-0.236 χ^2/NDF:205029.8/11

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

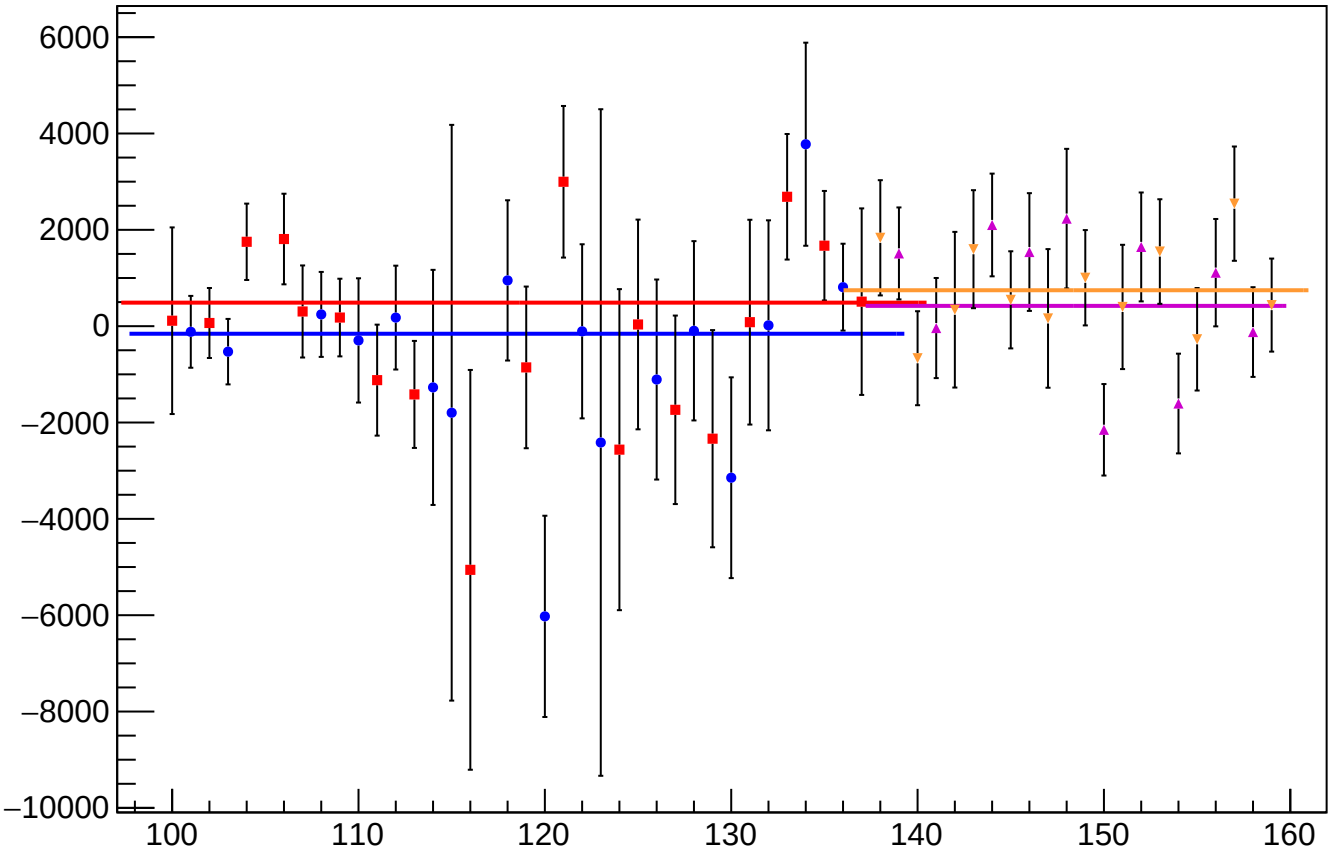
Left In: 976.320+/-0.243 χ^2/NDF:198188.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 981.834+/-0.169 χ^2/NDF: 404223.8/21

- 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: 745.898+/-326.113 χ^2/NDF:7.7/11

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

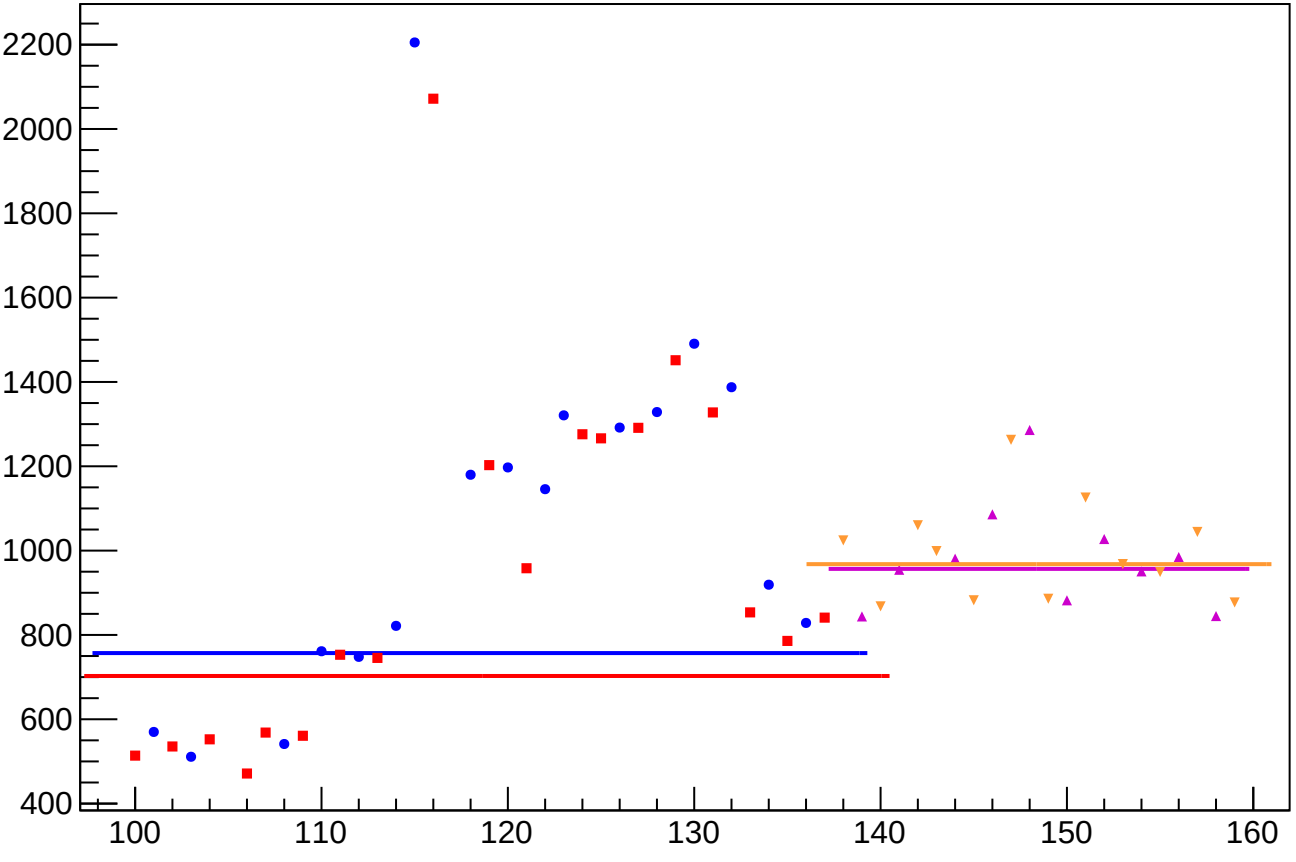
Left In: 421.413+/-336.479 χ^2/NDF:19.4/9

+ sign 275.118+/-225.630 χ^2/NDF: 27.9/28

All: 371.793+/-156.206 χ^2/NDF: 70.4/57

- sign 460.782+/-216.473 χ^2/NDF: 42.1/28

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 967.901+/-0.231 χ^2/NDF:202073.3/11

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

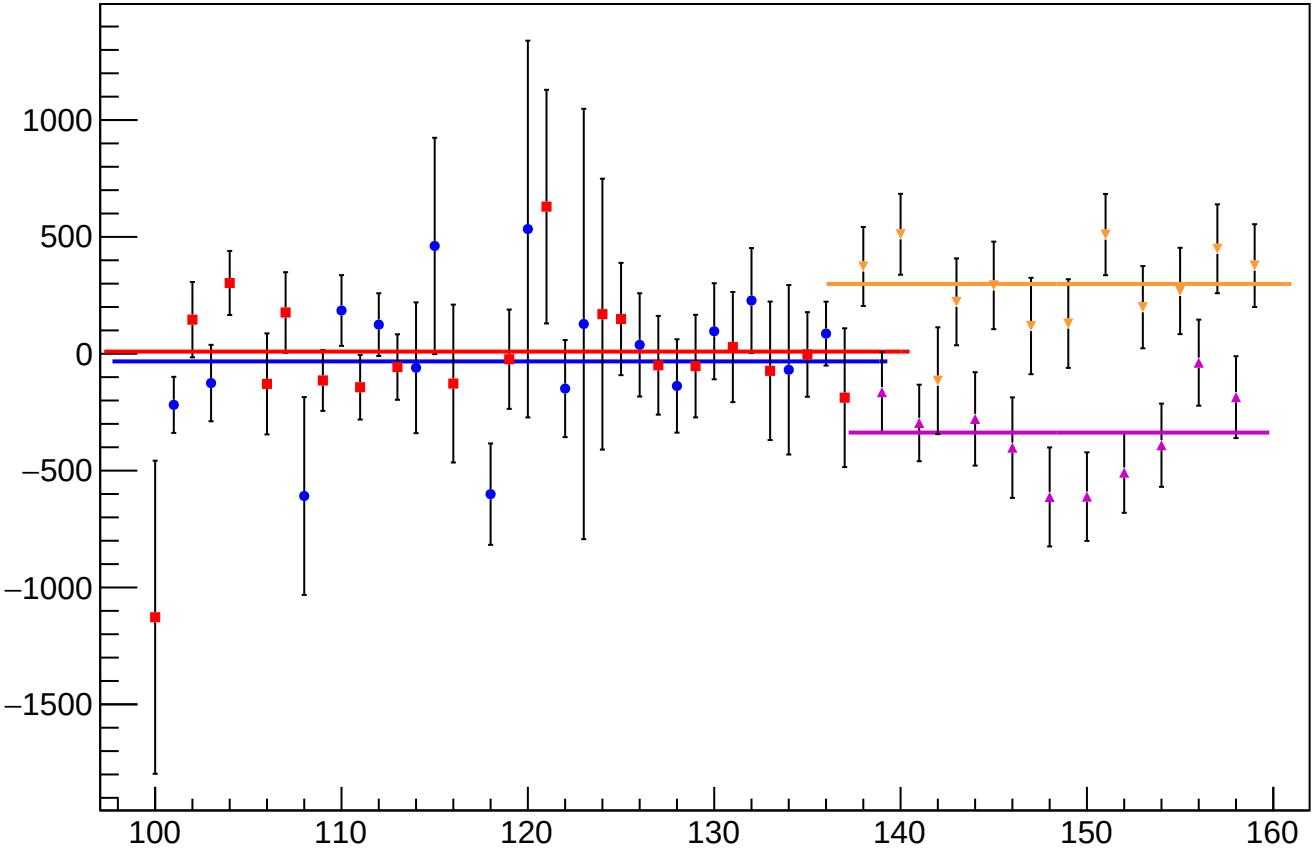
Left In: 956.662+/-0.238 χ^2/NDF:205136.1/9

+ sign 857.949+/-0.160 χ^2/NDF: 2349478.4/28

All: 831.830+/-0.110 χ^2/NDF: 4963663.2/57

- sign 807.788+/-0.153 χ^2/NDF: 2562714.0/28

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 298.721+/-53.413 χ^2/NDF:9.4/11

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

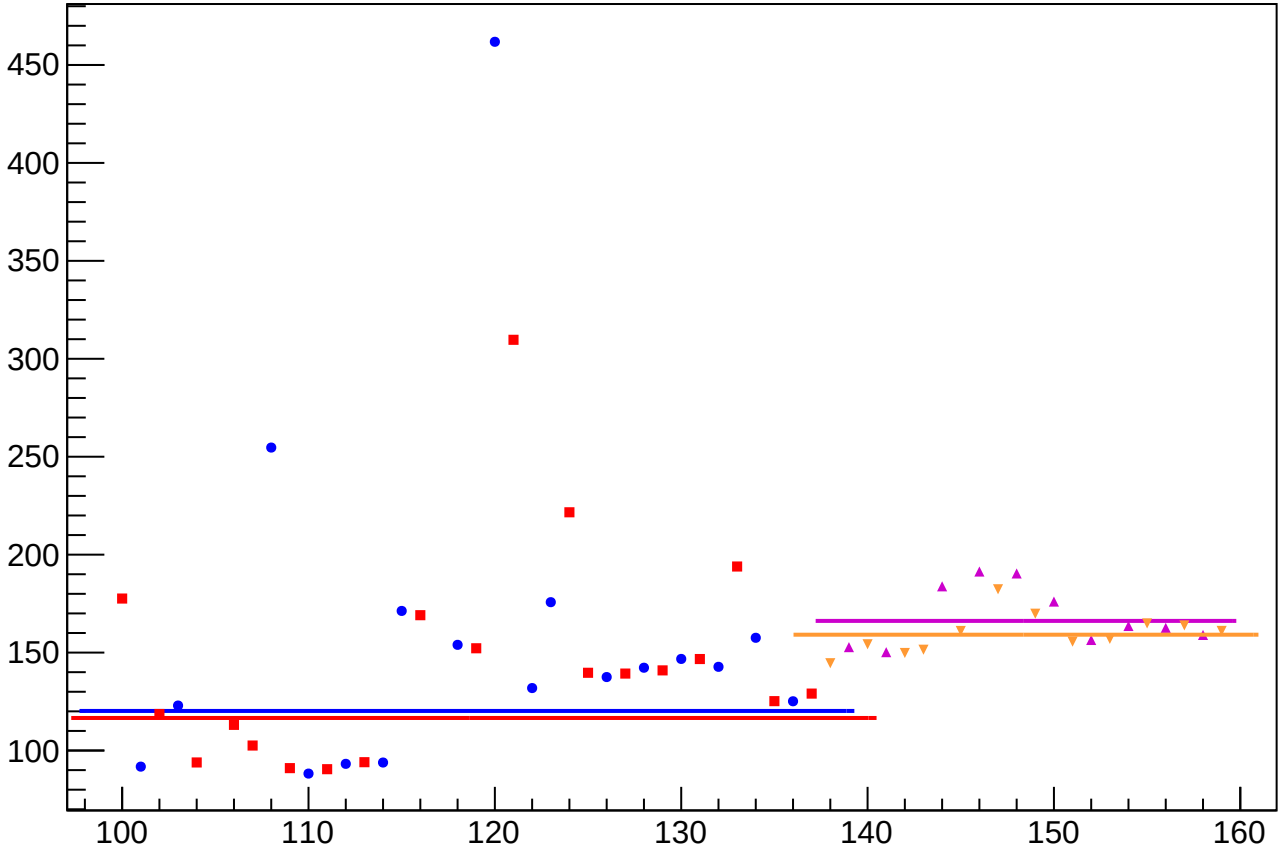
Left In: -337.197+/-58.138 χ^2/NDF:9.5/9

+ sign 116.841+/-35.878 χ^2/NDF: 50.2/28

All: -2.916+/-25.370 χ^2/NDF: 118.7/57

- sign -122.685+/-35.880 χ^2/NDF: 46.2/28

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 159.133+/-0.038 χ^2/NDF:59623.0/11

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

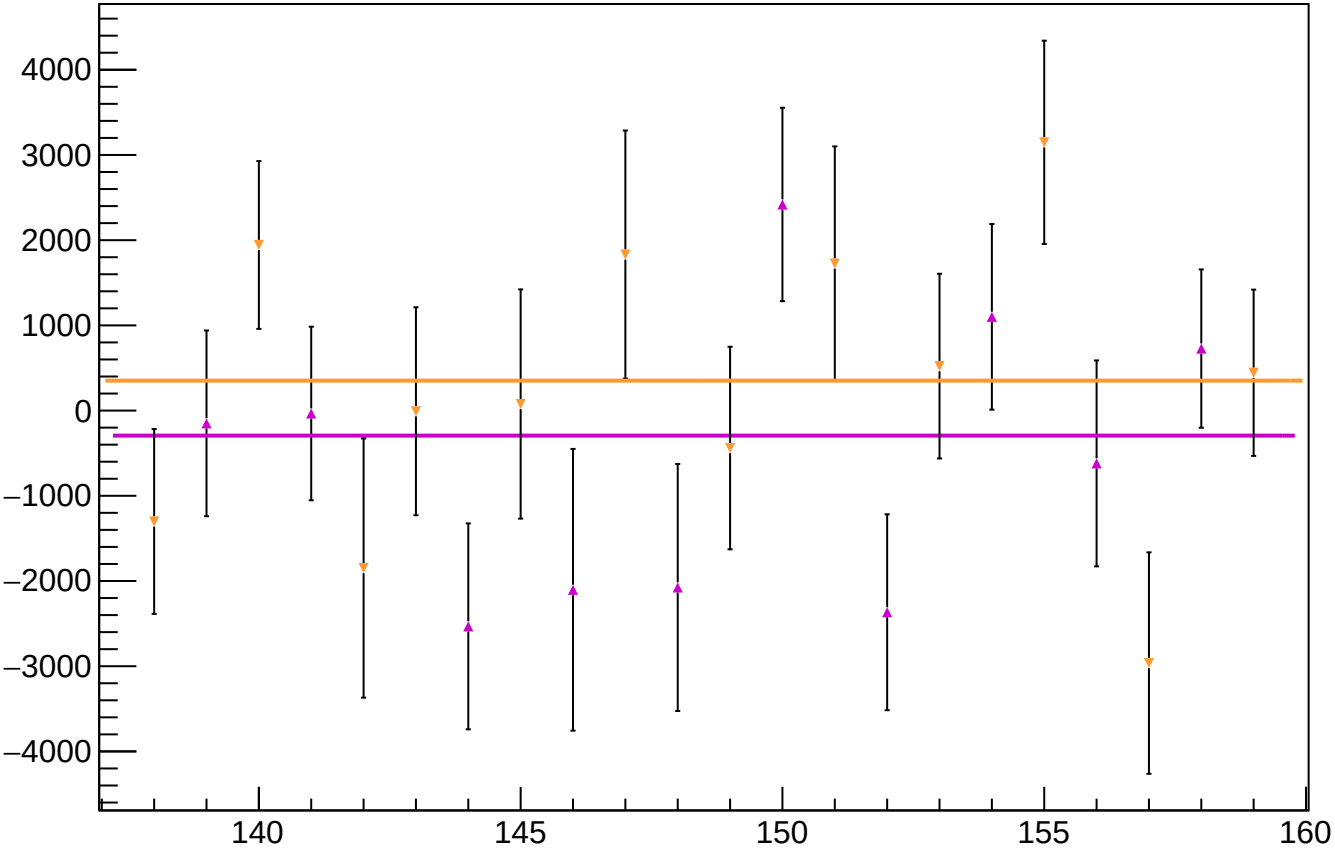
Left In: 166.179+/-0.041 χ^2/NDF:116879.5/9

+ sign 137.770+/-0.025 χ^2/NDF: 1704903.9/28

All: 136.632+/-0.018 χ^2/NDF: 3723587.0/57

- sign 135.494+/-0.025 χ^2/NDF: 2014658.7/28

asym_sam6_correction_mean vs Slug



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

Left Out: 351.783+/-344.147 χ^2/NDF:21.7/11

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

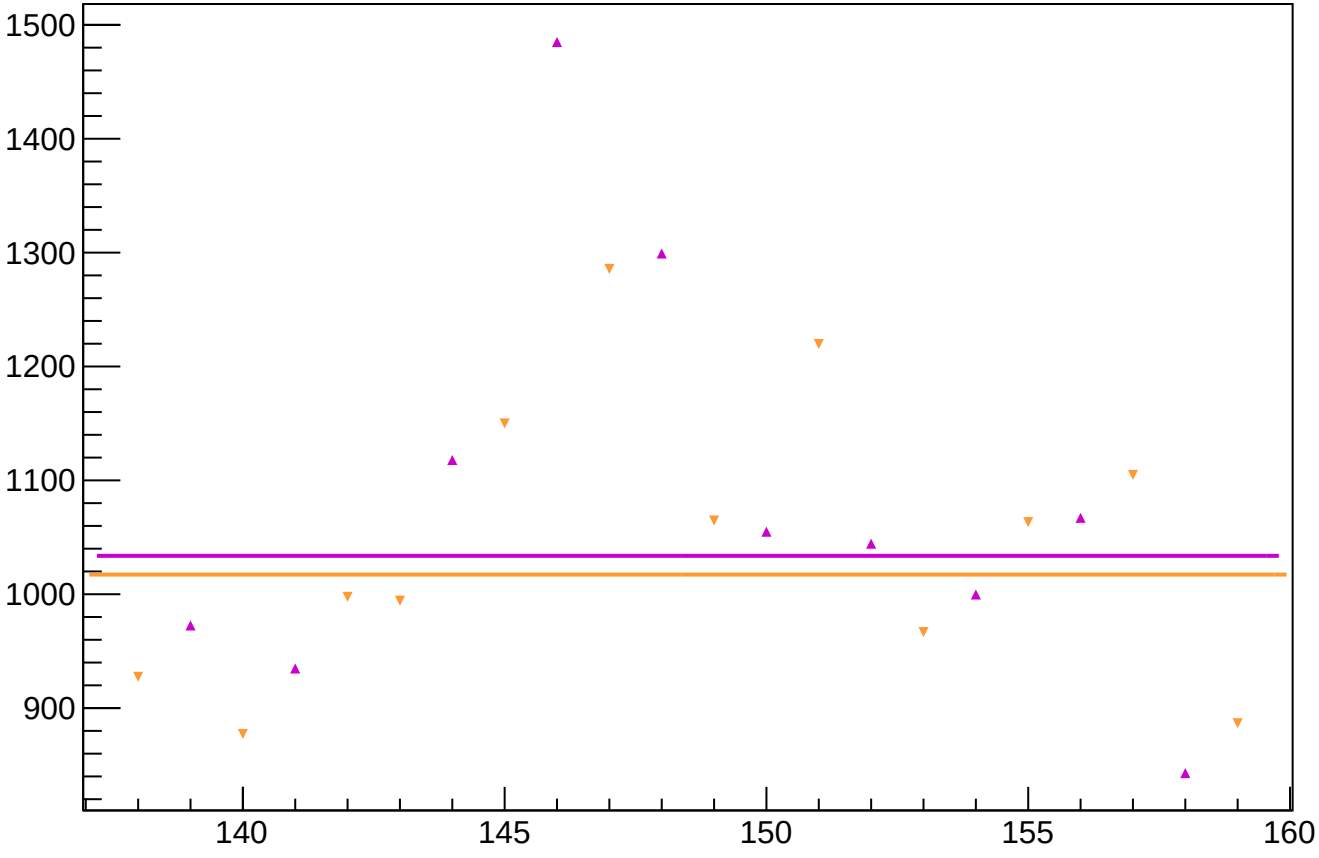
Left In: -293.718+/-363.889 χ^2/NDF:18.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 47.018+/-250.037 χ^2/NDF: 41.4/21

- 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: 1017.267+/-0.243 χ^2/NDF:241444.5/11

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

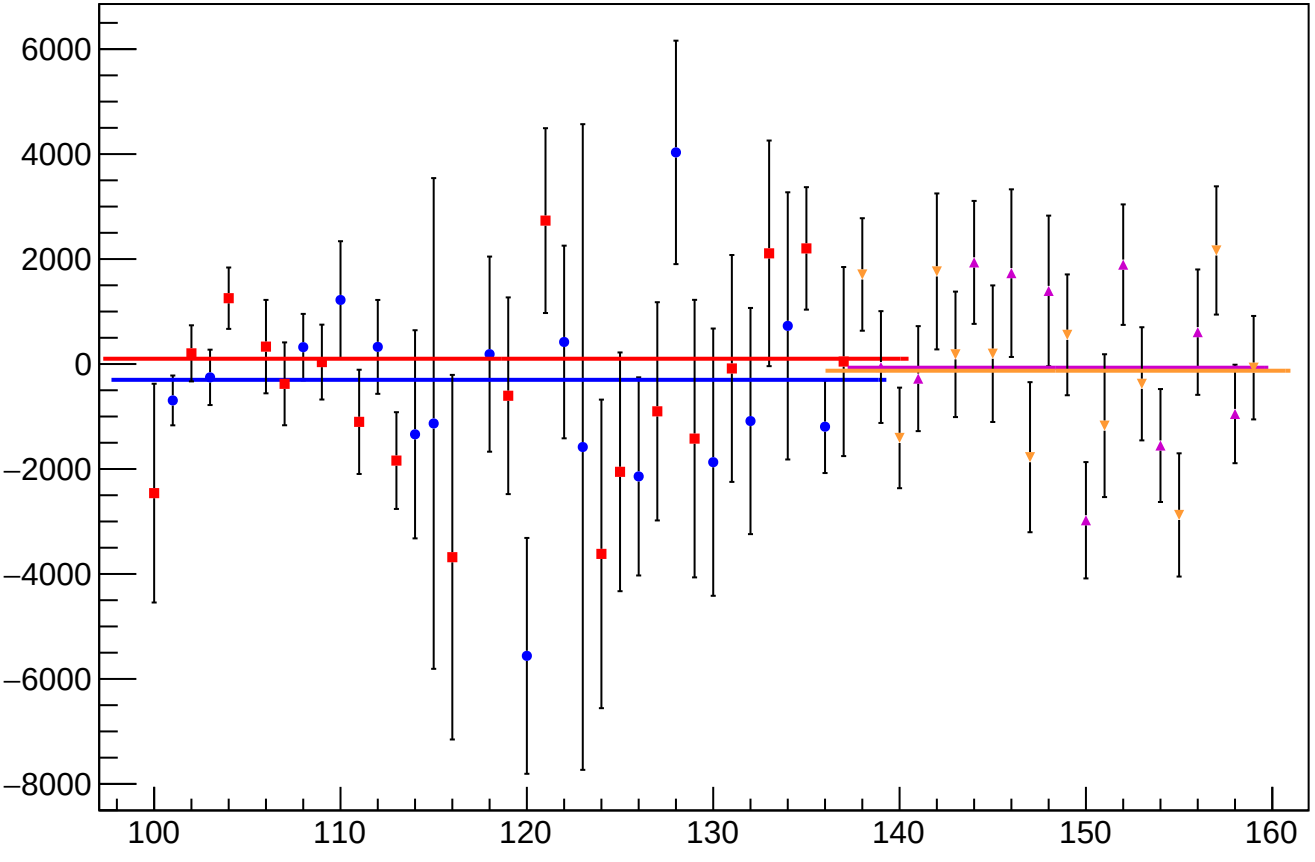
Left In: 1033.734+/-0.257 χ^2/NDF:339683.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1025.042+/-0.177 χ^2/NDF: 583290.4/21

- 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: -127.473+/-337.633 χ^2/NDF:17.8/11

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

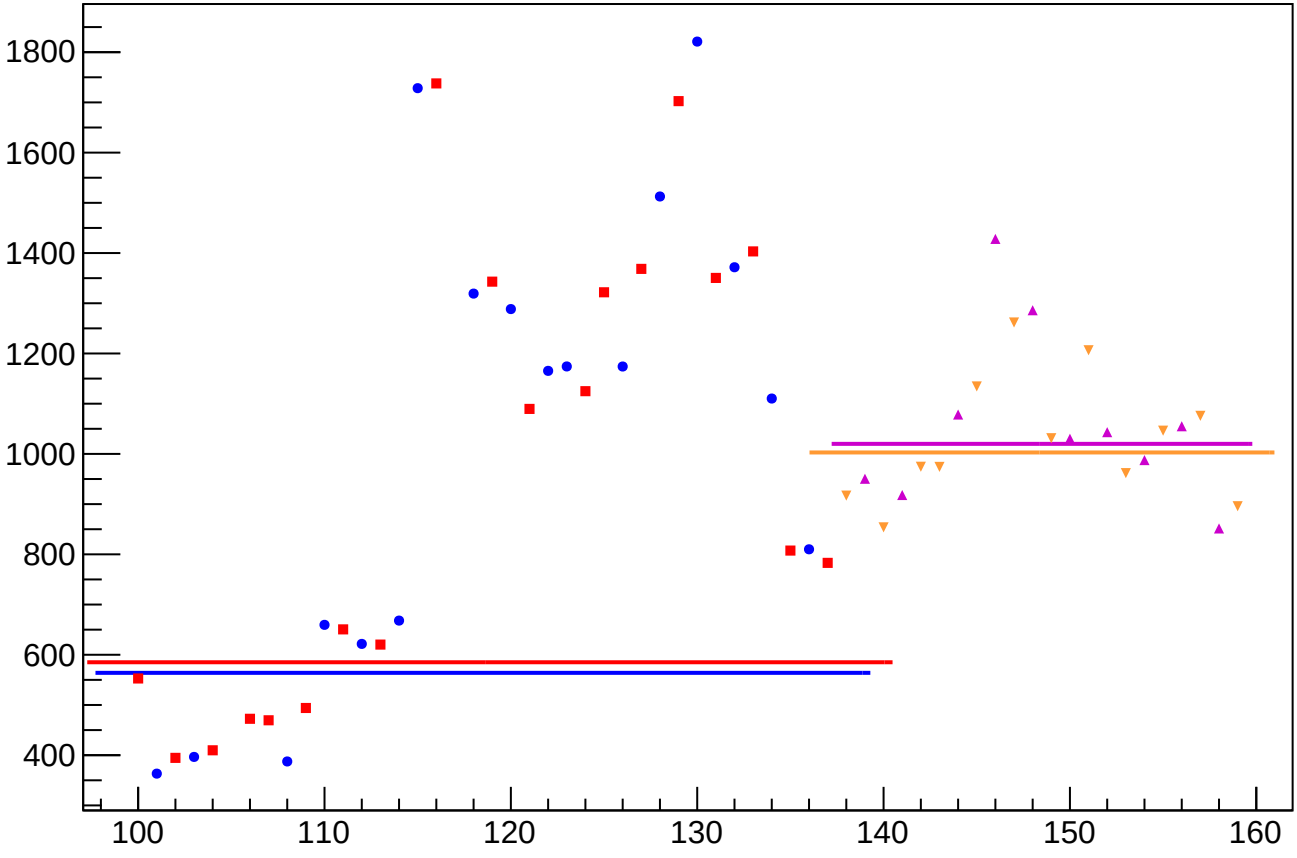
Left In: -70.185+/-358.959 χ^2/NDF:18.2/9

+ sign -239.538+/-200.939 χ^2/NDF: 34.8/28

All: -98.062+/-142.777 χ^2/NDF: 76.7/57

- sign 46.203+/-202.910 χ^2/NDF: 40.9/28

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1002.881+/-0.239 χ^2/NDF:231536.9/11

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

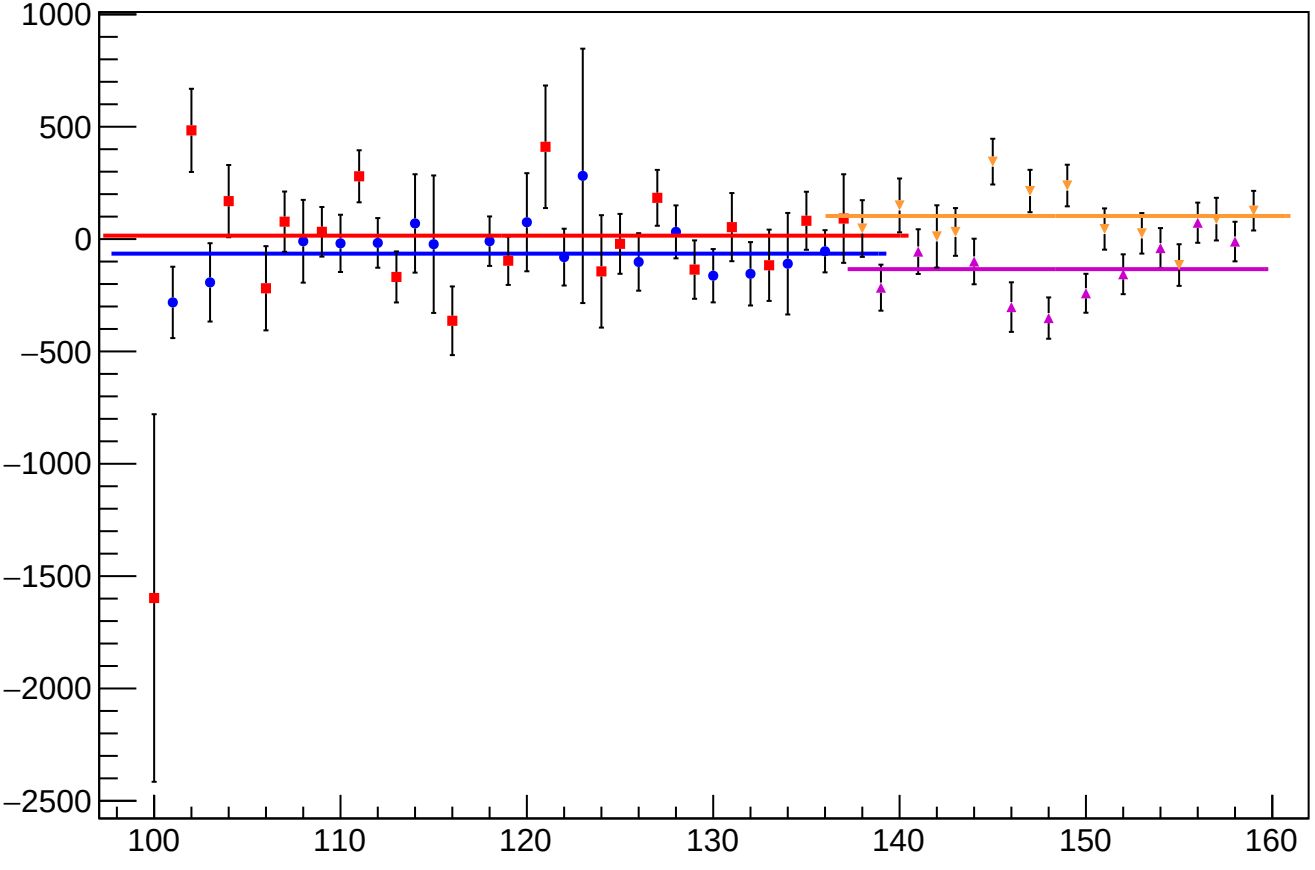
Left In: 1020.010+/-0.254 χ^2/NDF:302623.7/9

+ sign 719.451+/-0.142 χ^2/NDF: 5675405.2/28

All: 721.727+/-0.101 χ^2/NDF: 10797437.5/57

- sign 724.049+/-0.143 χ^2/NDF: 5121513.9/28

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 102.824+/-28.909 χ^2/NDF:17.2/11

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

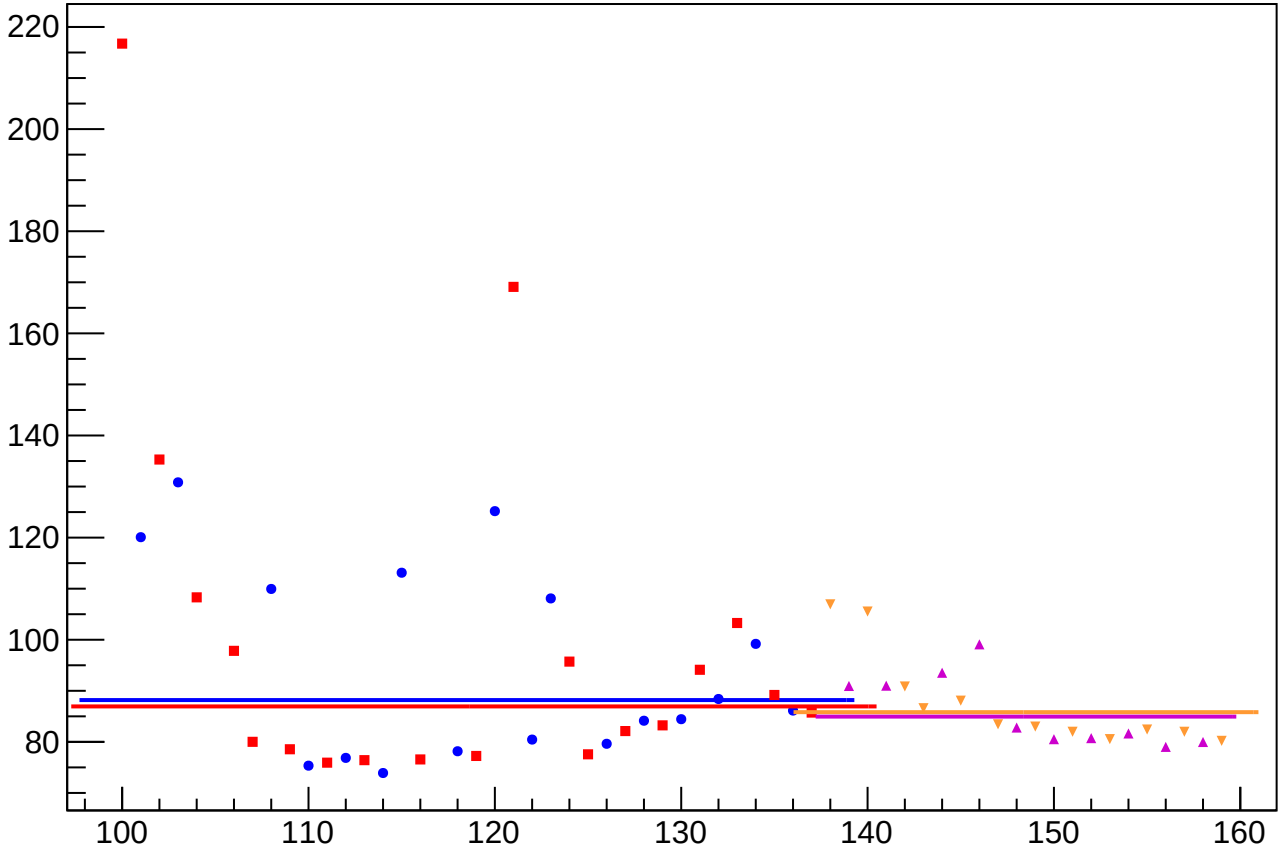
Left In: -133.716+/-29.683 χ^2/NDF:19.3/9

+ sign 33.984+/-22.192 χ^2/NDF: 37.2/28

All: -17.010+/-15.693 χ^2/NDF: 113.2/57

- sign -68.009+/-22.193 χ^2/NDF: 65.4/28

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 85.819+/-0.020 χ^2/NDF:141344.6/11

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

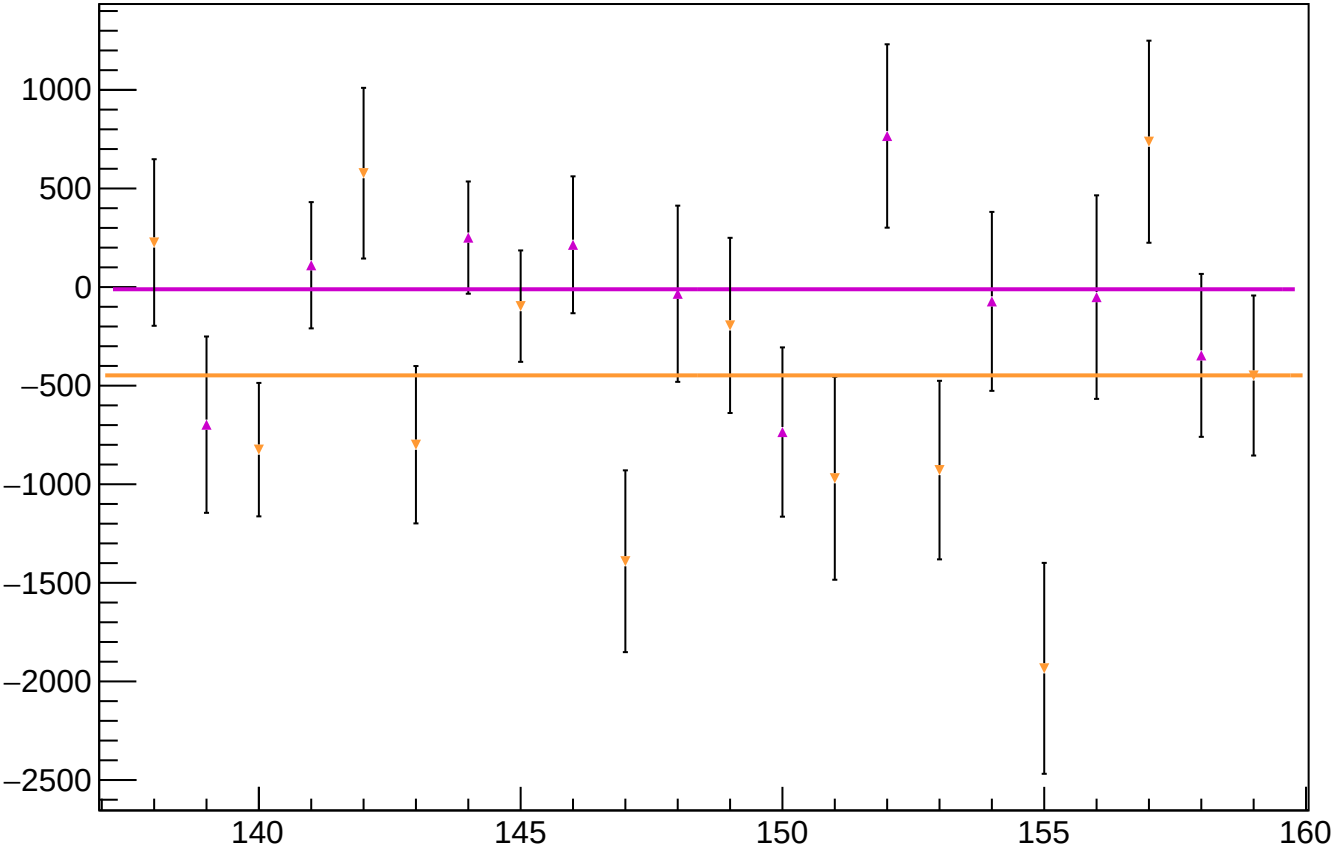
Left In: 84.952+/-0.021 χ^2/NDF:90260.6/9

+ sign 86.791+/-0.016 χ^2/NDF: 541298.4/28

All: 86.311+/-0.011 χ^2/NDF: 1168764.6/57

- sign 85.830+/-0.016 χ^2/NDF: 625589.1/28

asym_sam7_correction_mean vs Slug



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

Left Out: -447.814+/-119.279 χ^2/NDF:31.4/11

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

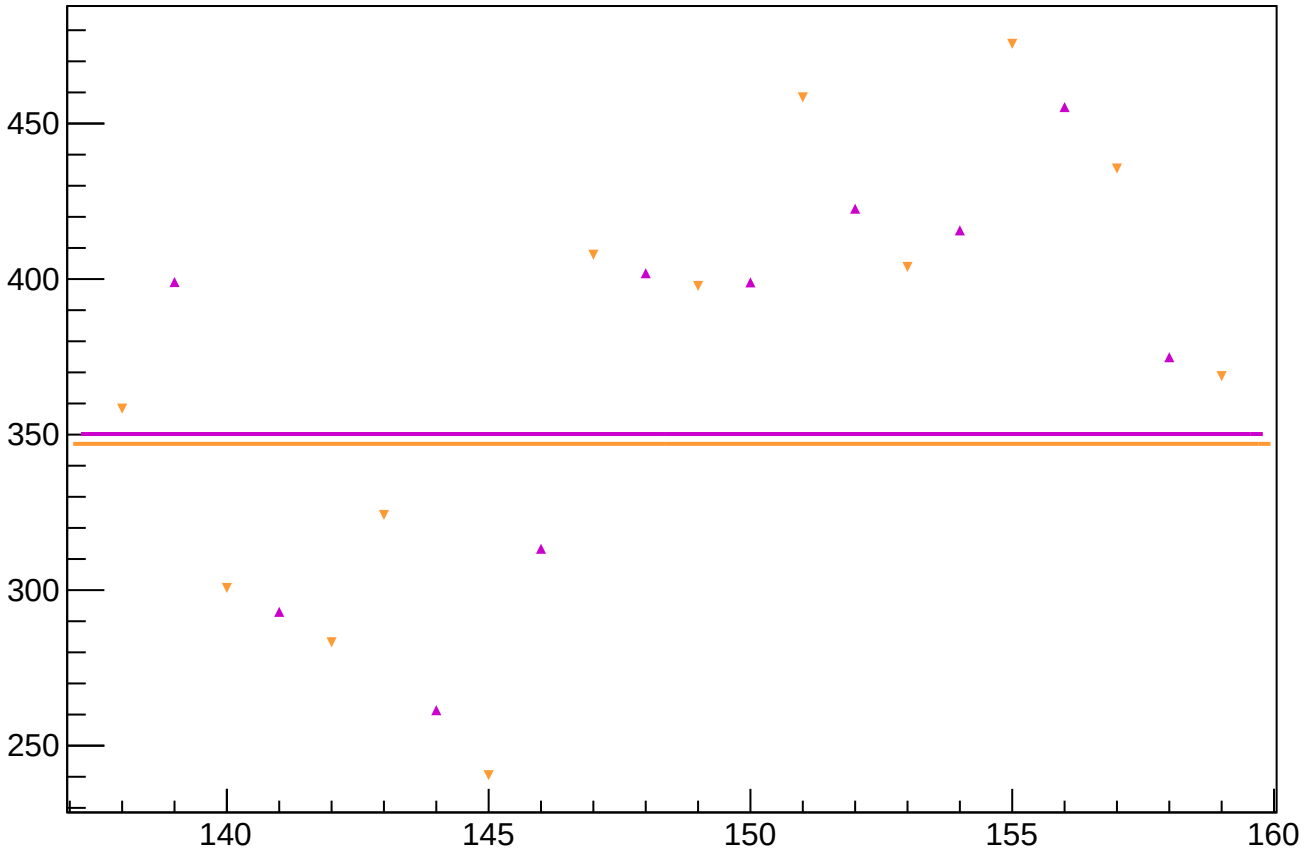
Left In: -11.108+/-124.103 χ^2/NDF:10.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -238.113+/-85.998 χ^2/NDF: 48.0/21

- 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: 347.026+/-0.084 χ^2/NDF:740383.7/11

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

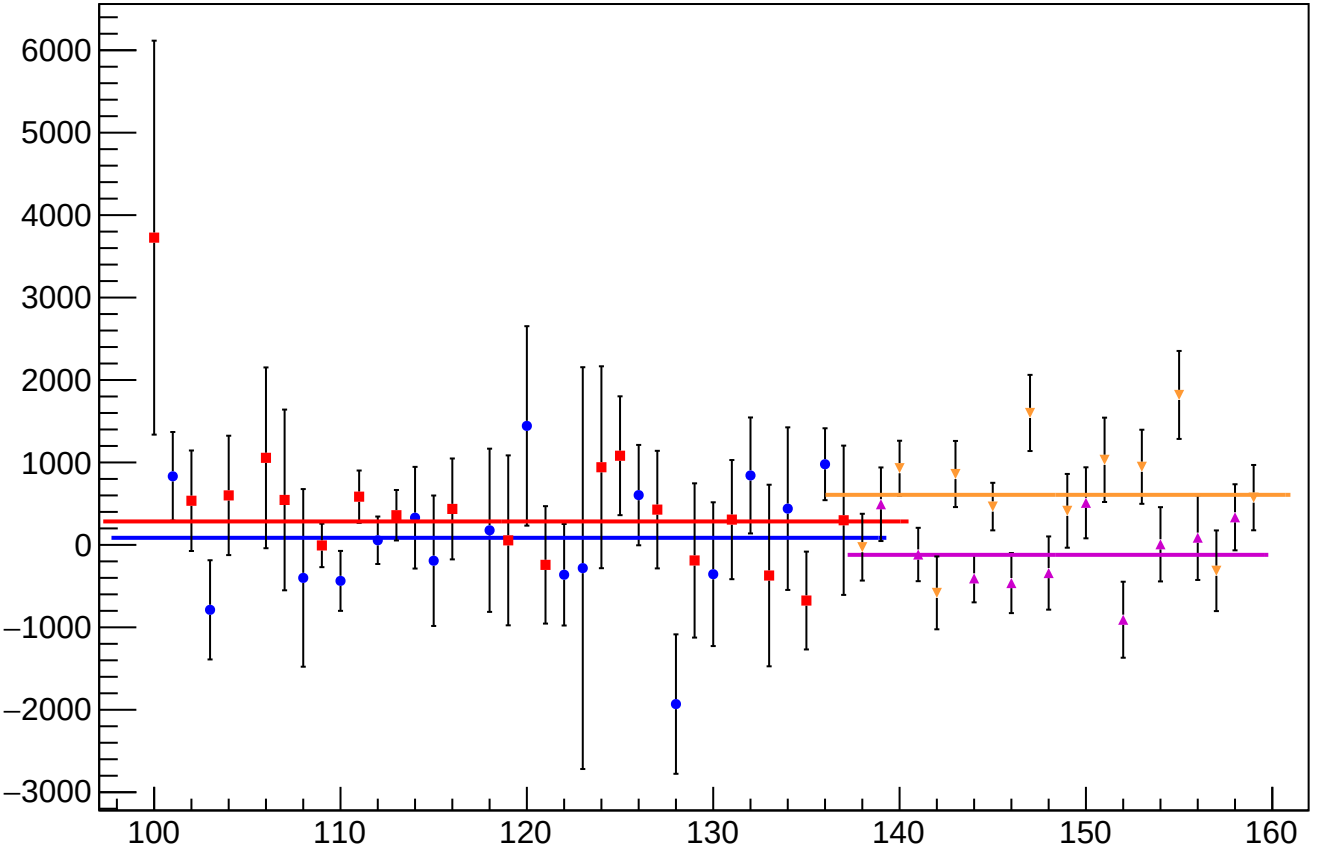
Left In: 350.190+/-0.088 χ^2/NDF:537665.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 348.545+/-0.061 χ^2/NDF: 1278724.7/21

- 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: 607.176+/-118.670 χ^2/NDF:26.1/11

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

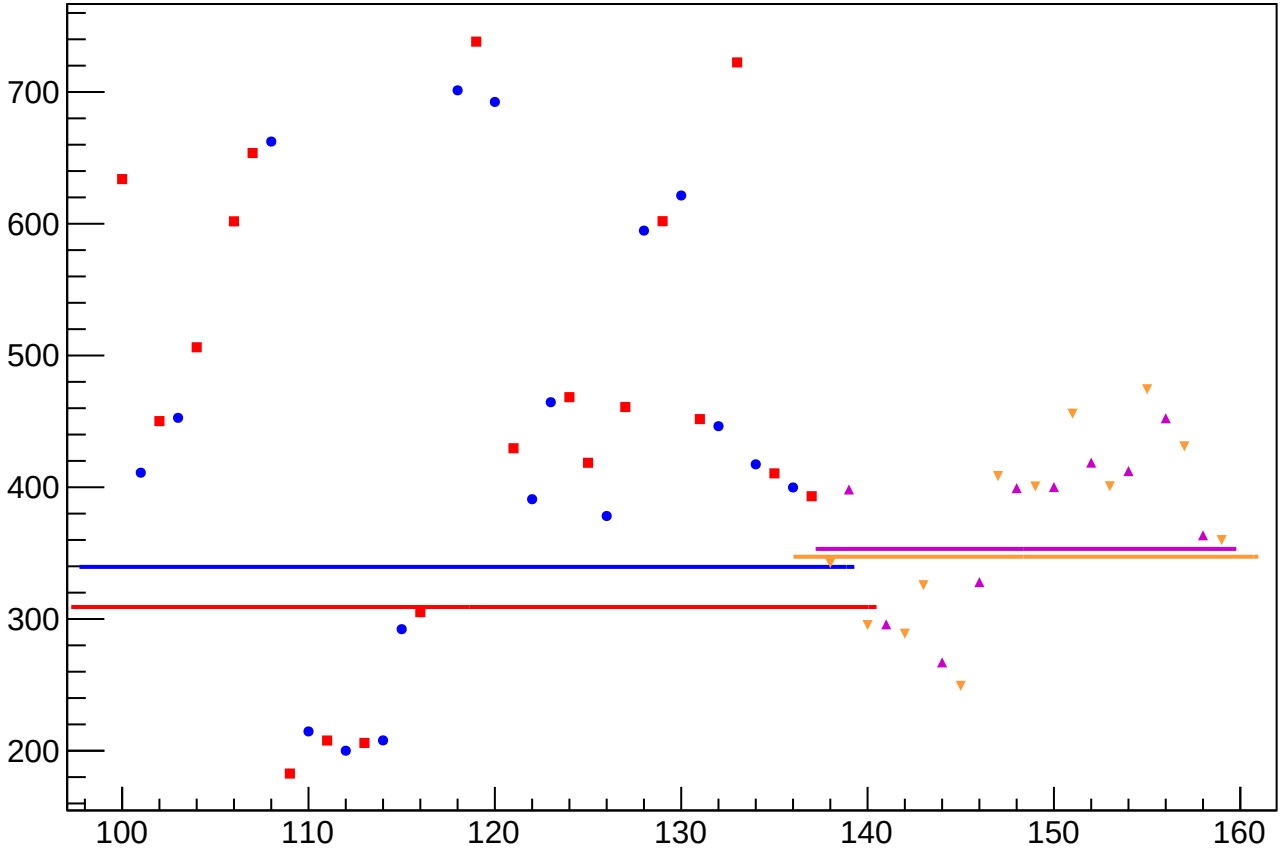
Left In: -120.686+/-124.947 χ^2/NDF:10.6/9

+ sign 393.850+/-91.216 χ^2/NDF: 54.5/28

All: 231.936+/-64.047 χ^2/NDF: 87.0/57

- sign 74.484+/-89.951 χ^2/NDF: 26.3/28

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 347.255+/-0.084 χ^2/NDF:677071.7/11

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

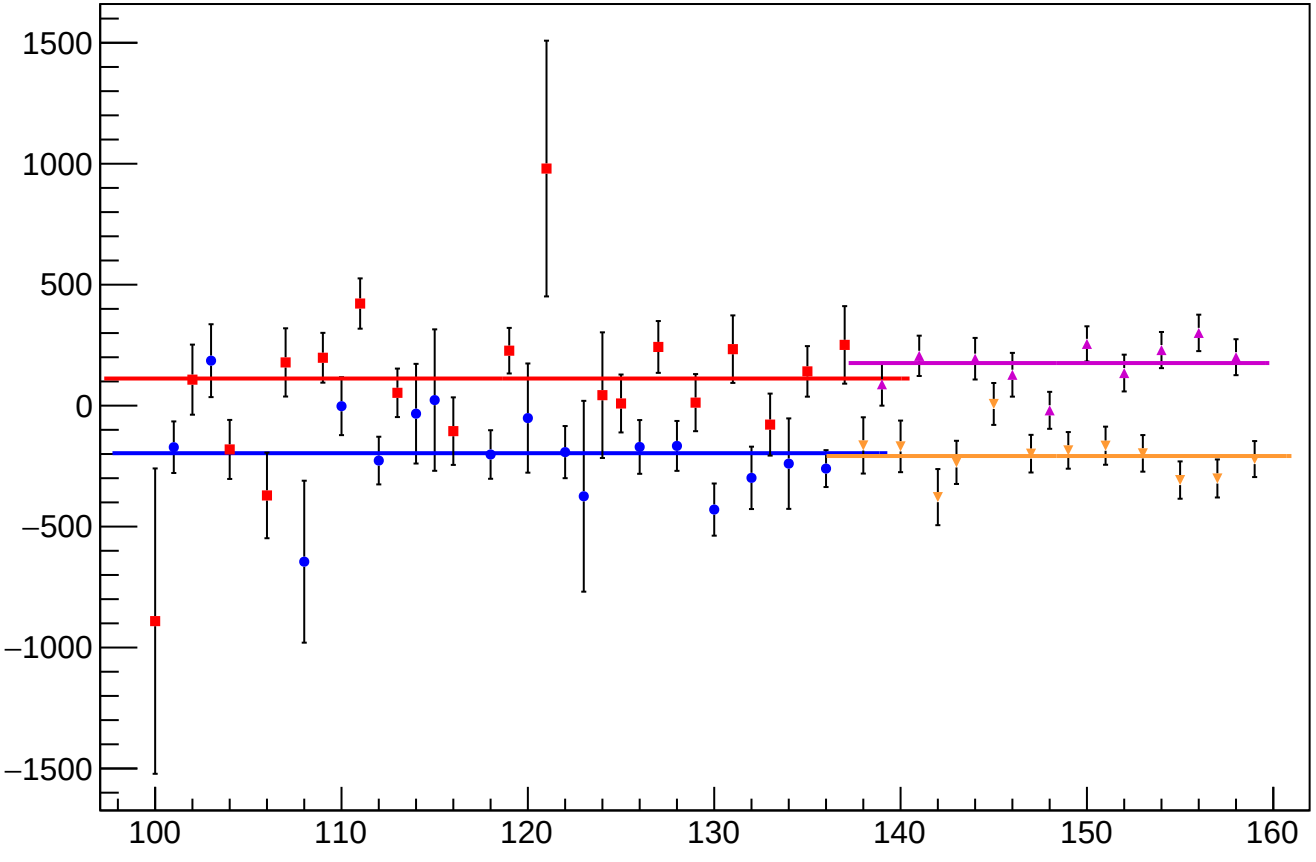
Left In: 353.189+/-0.088 χ^2/NDF:464438.8/9

+ sign 344.103+/-0.064 χ^2/NDF: 2722763.4/28

All: 337.943+/-0.045 χ^2/NDF: 6055439.6/57

- sign 331.953+/-0.064 χ^2/NDF: 3314683.6/28

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -208.292+/-24.395 χ^2/NDF:12.2/11

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

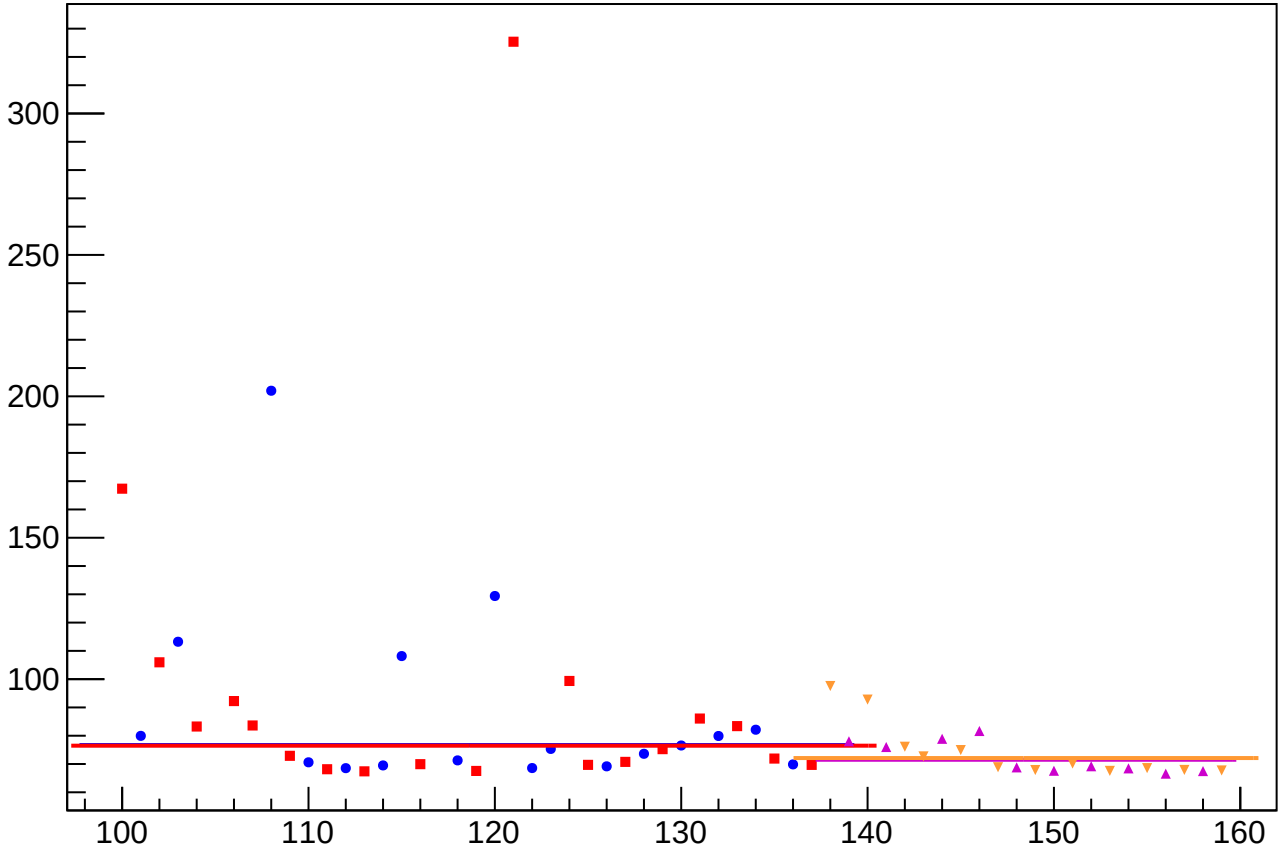
Left In: 176.019+/-25.007 χ^2/NDF:12.8/9

+ sign -203.712+/-19.026 χ^2/NDF: 31.3/28

All: -27.910+/-13.482 χ^2/NDF: 257.7/57

- sign 149.419+/-19.108 χ^2/NDF: 54.9/28

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.105+/-0.017 χ^2/NDF:210615.6/11

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

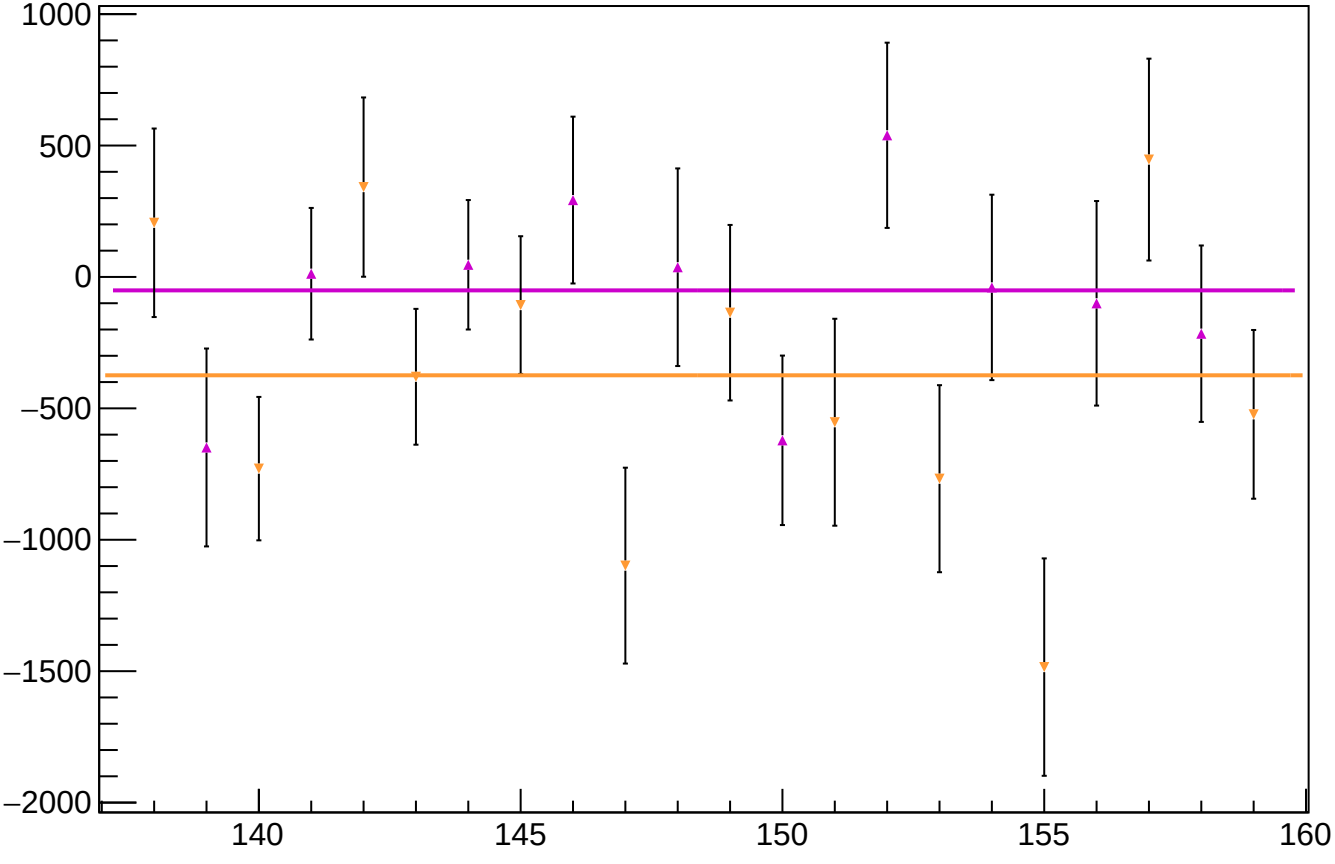
Left In: 71.504+/-0.018 χ^2/NDF:84534.0/9

+ sign 73.902+/-0.013 χ^2/NDF: 838668.8/28

All: 73.739+/-0.010 χ^2/NDF: 1655794.6/57

- sign 73.574+/-0.014 χ^2/NDF: 816831.0/28

asym_sam8_correction_mean vs Slug



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

Left Out: -374.227+/-94.409 χ^2/NDF:27.5/11

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

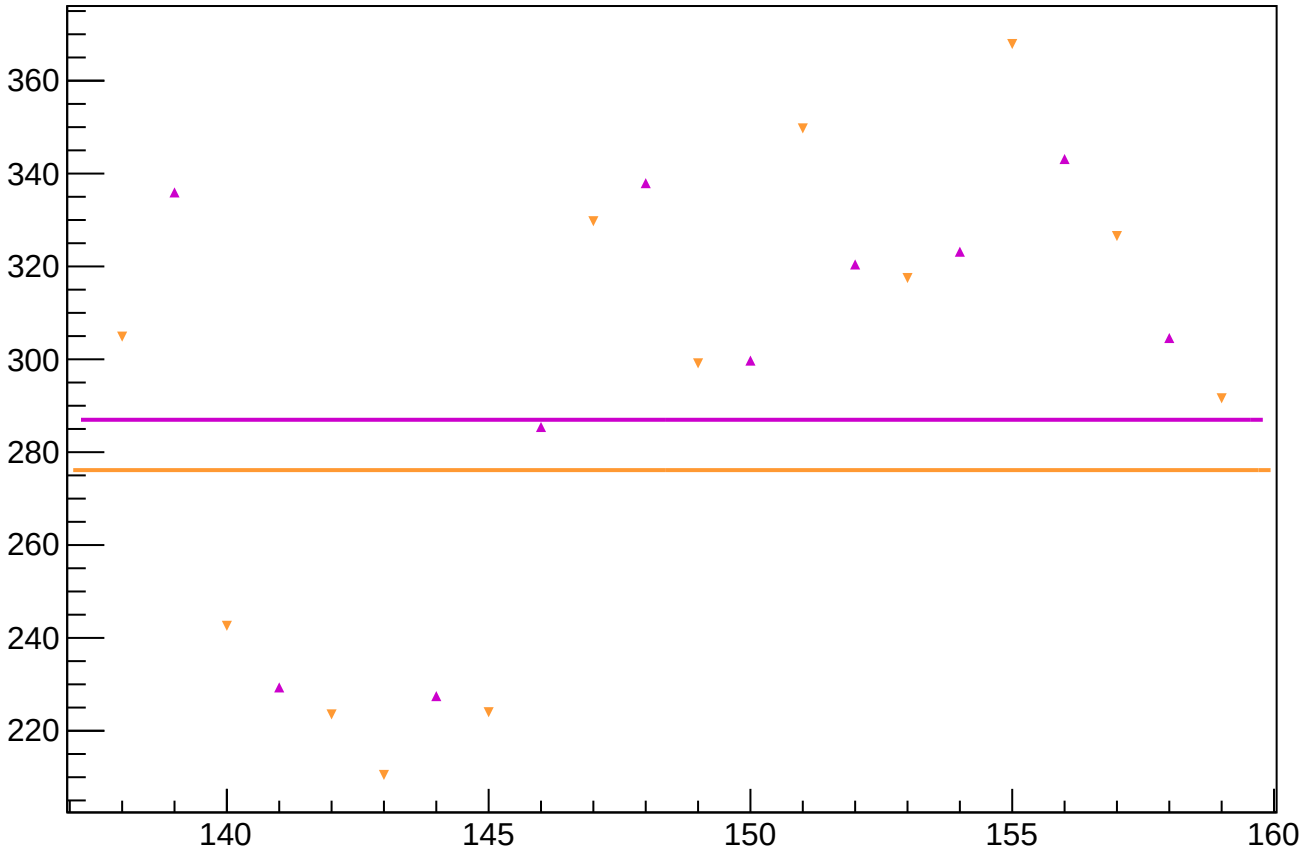
Left In: -51.105+/-101.179 χ^2/NDF:10.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -223.836+/-69.027 χ^2/NDF: 43.1/21

- 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: 276.137+/-0.067 χ^2/NDF:584248.6/11

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

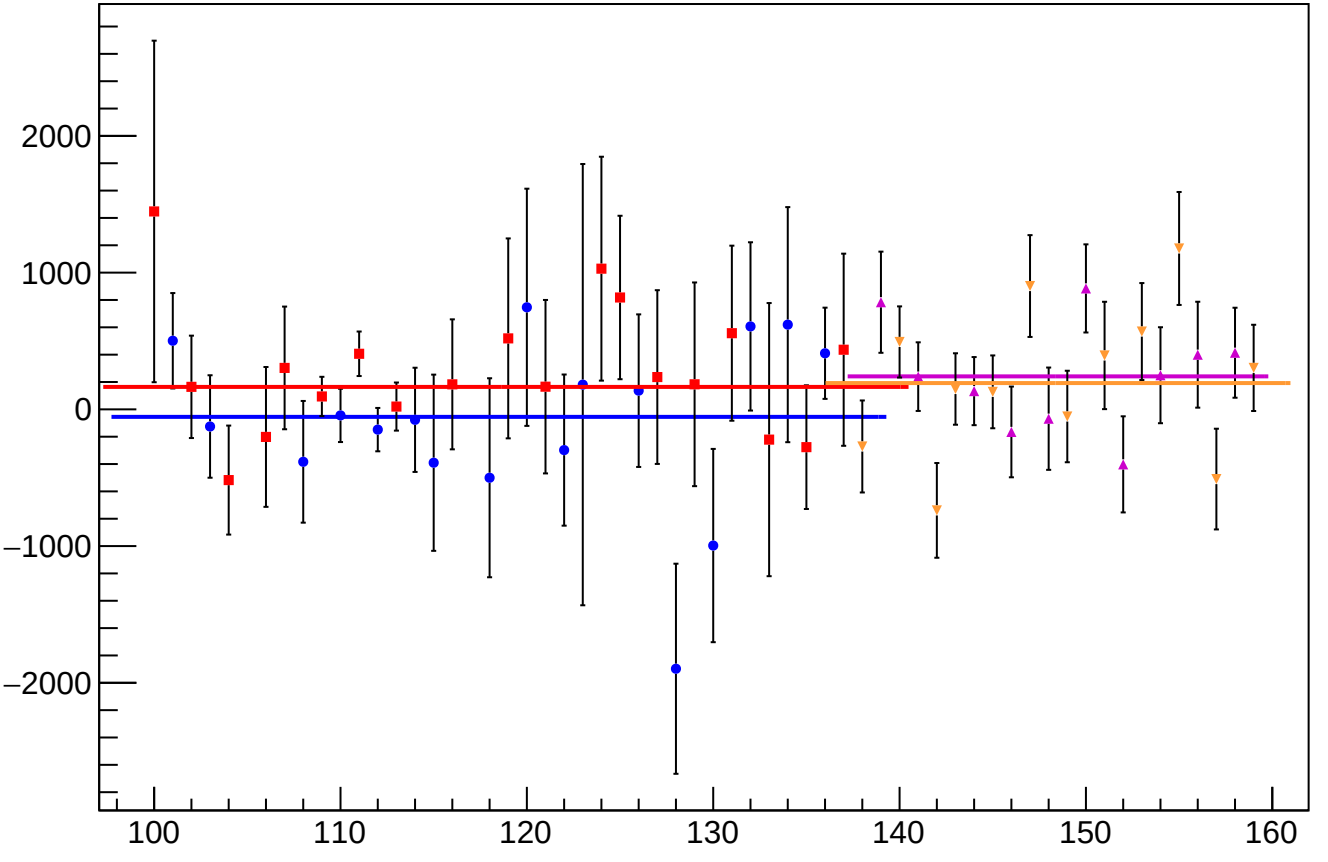
Left In: 286.979+/-0.072 χ^2/NDF:382726.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 281.183+/-0.049 χ^2/NDF: 979250.3/21

- 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: 192.276+/-93.430 χ^2/NDF:25.5/11

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

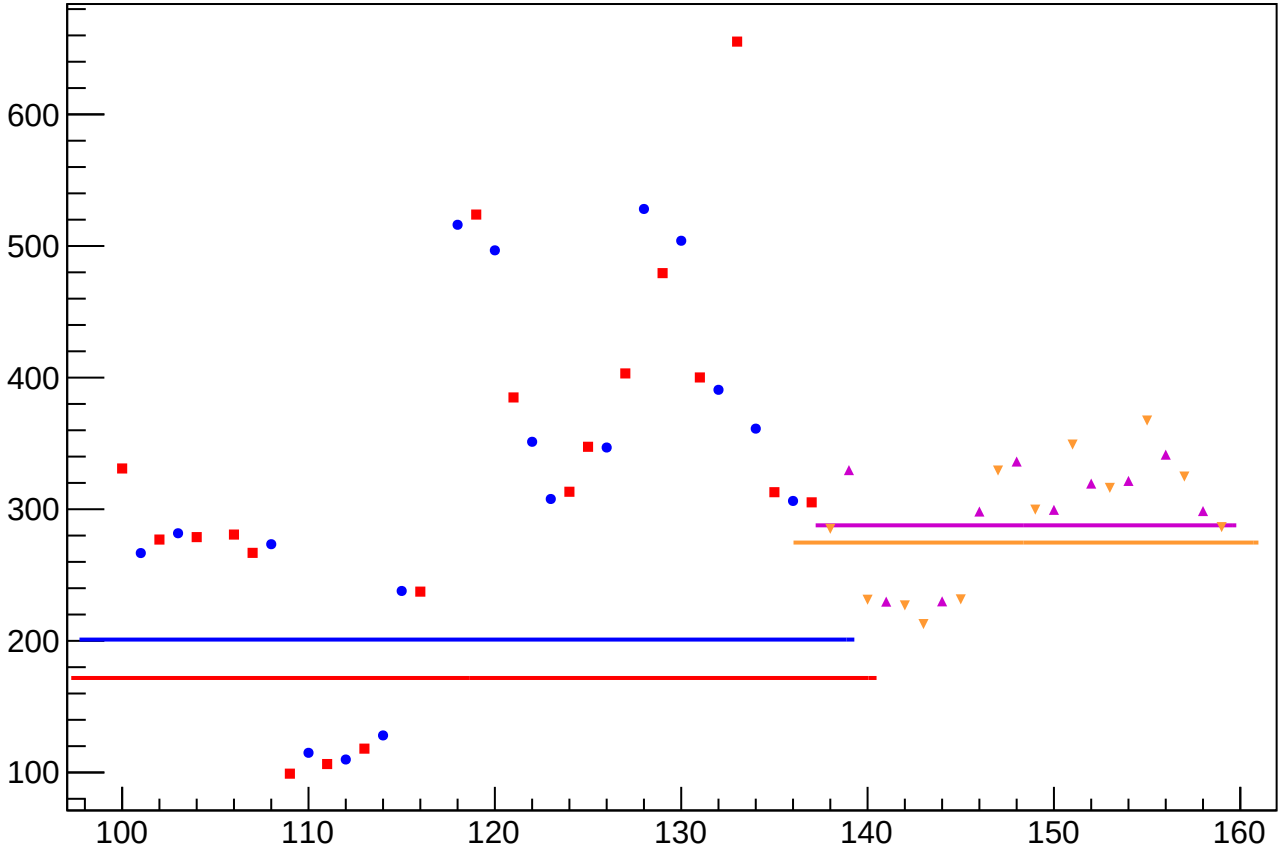
Left In: 241.204+/-101.397 χ^2/NDF:12.3/9

+ sign 64.537+/-64.951 χ^2/NDF: 45.7/28

All: 132.128+/-44.570 χ^2/NDF: 72.3/57

- sign 192.282+/-61.273 χ^2/NDF: 24.6/28

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 274.683+/-0.066 χ^2/NDF:554866.4/11

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

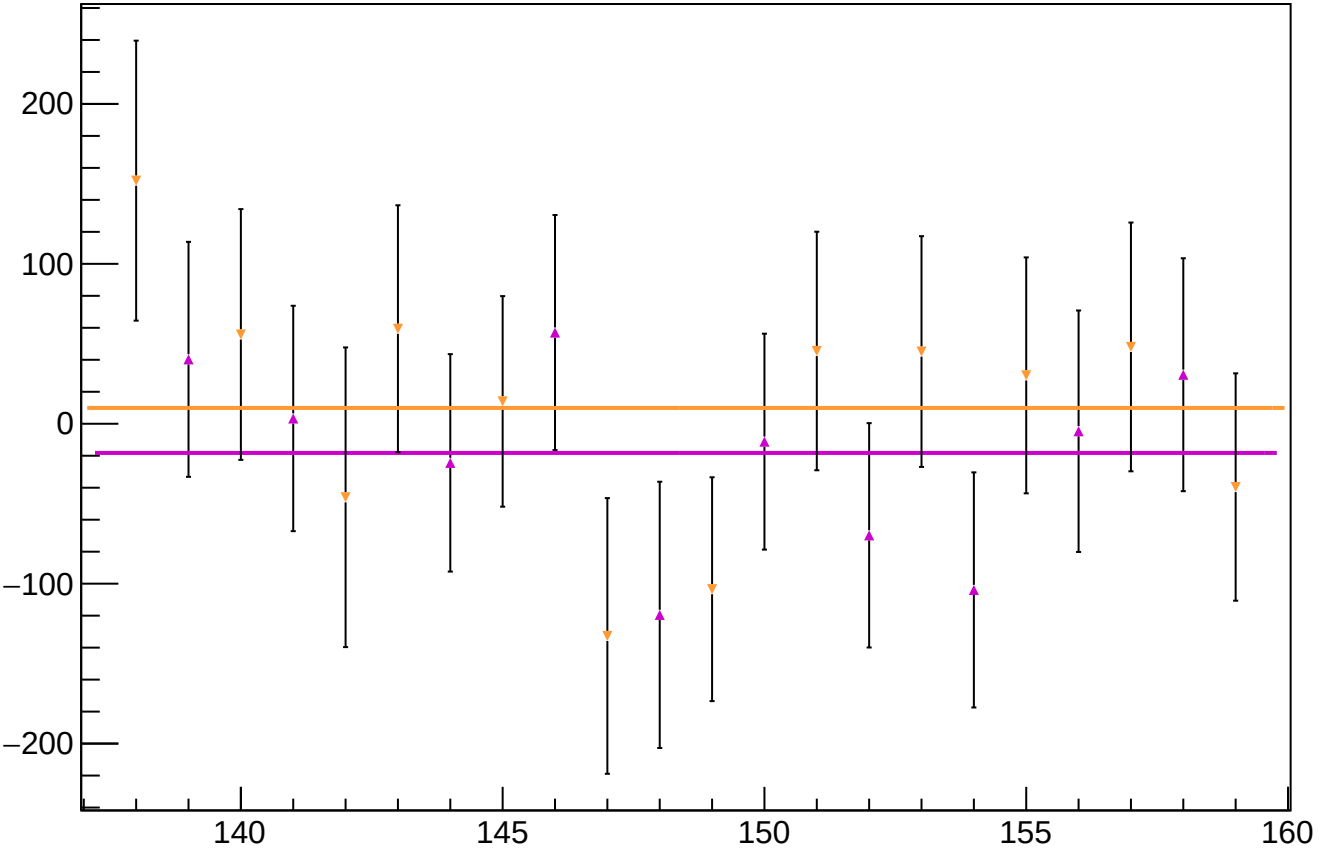
Left In: 287.772+/-0.072 χ^2/NDF:353538.7/9

+ sign 236.594+/-0.046 χ^2/NDF: 4634299.1/28

All: 224.716+/-0.032 χ^2/NDF: 10867958.1/57

- sign 214.146+/-0.043 χ^2/NDF: 6107248.9/28

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 9.897+/-22.017 χ^2/NDF:10.4/11

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

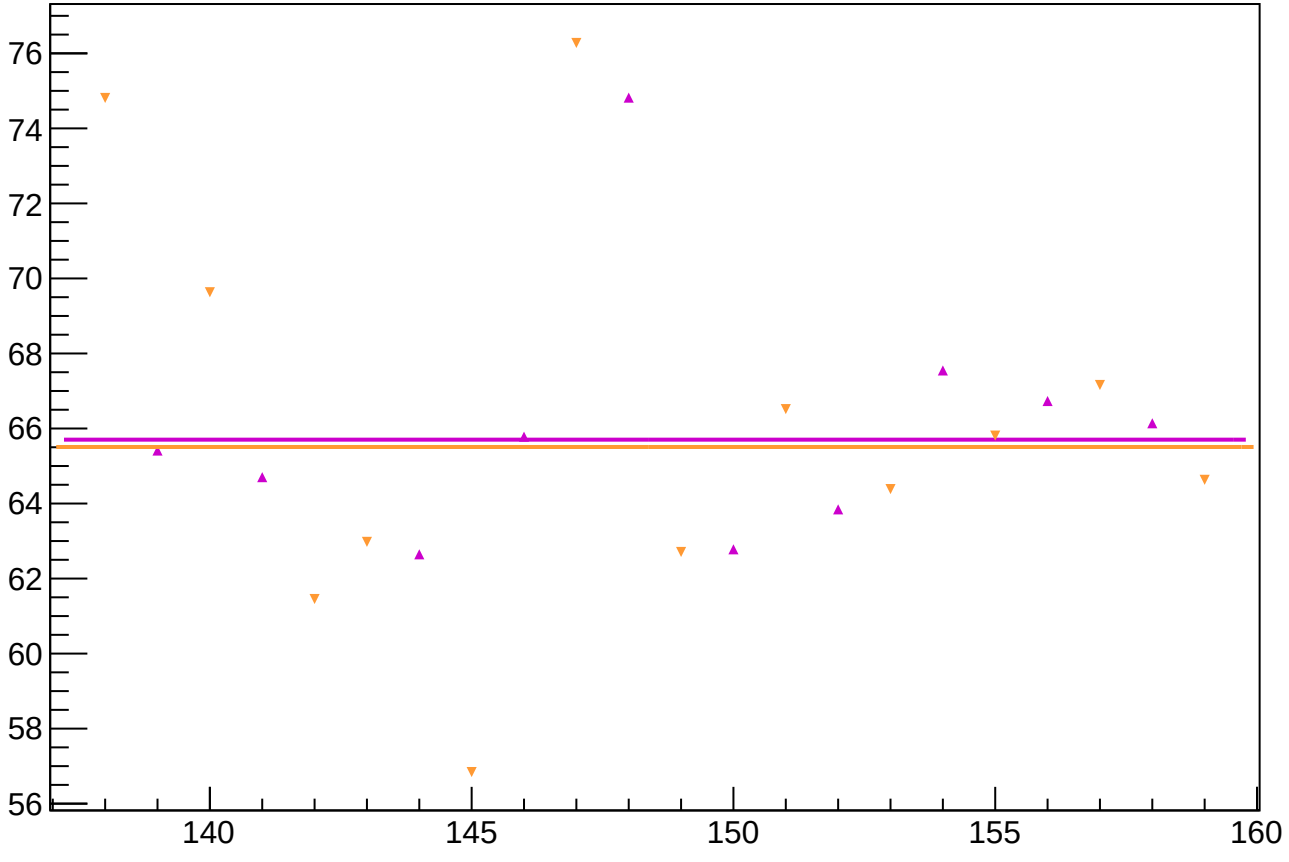
Left In: -18.246+/-22.918 χ^2/NDF:5.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.611+/-15.877 χ^2/NDF: 16.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.507+/-0.016 χ^2/NDF:105158.5/11

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

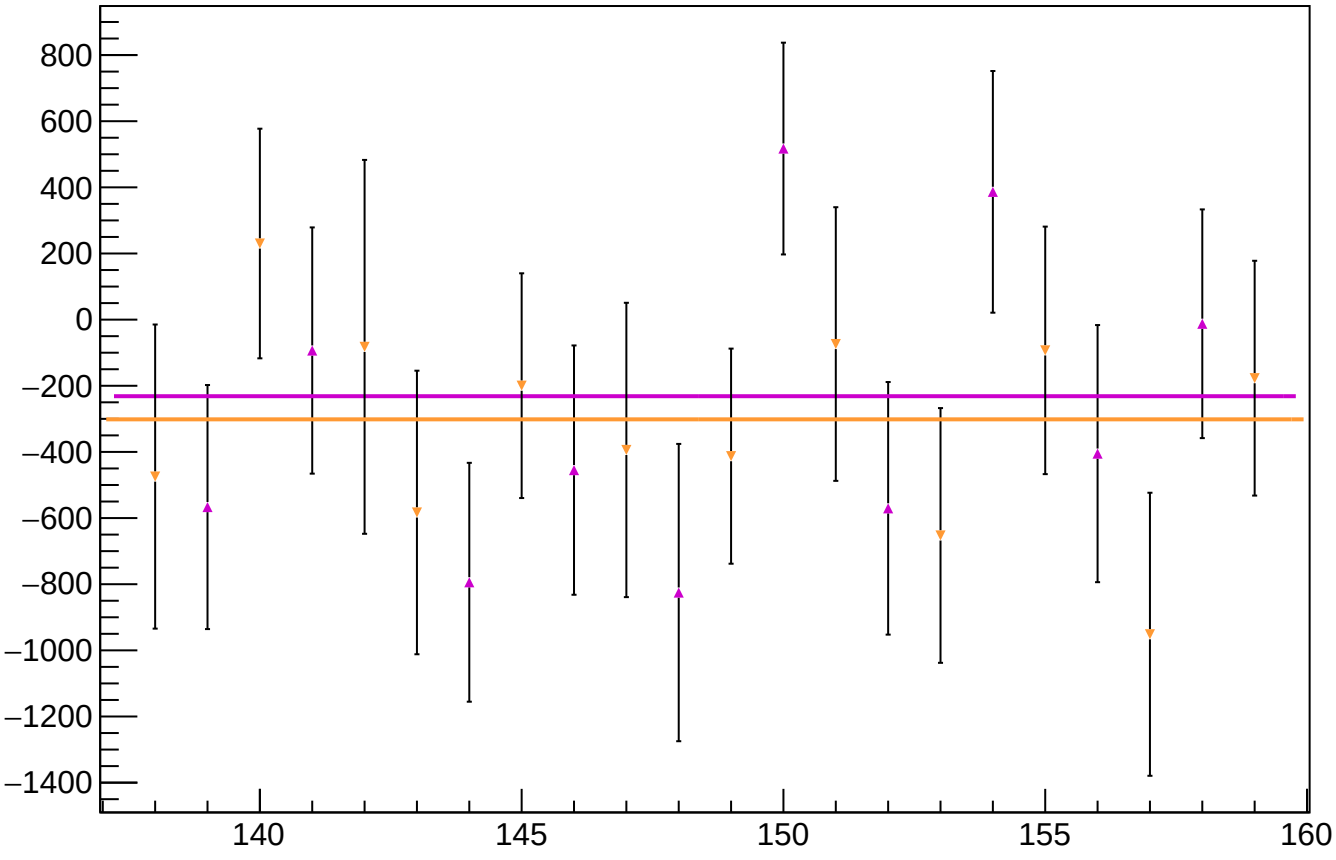
Left In: 65.703+/-0.016 χ^2/NDF:35319.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 65.601+/-0.011 χ^2/NDF: 140553.7/21

- 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: -301.497+/-113.310 χ^2/NDF:7.2/11

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

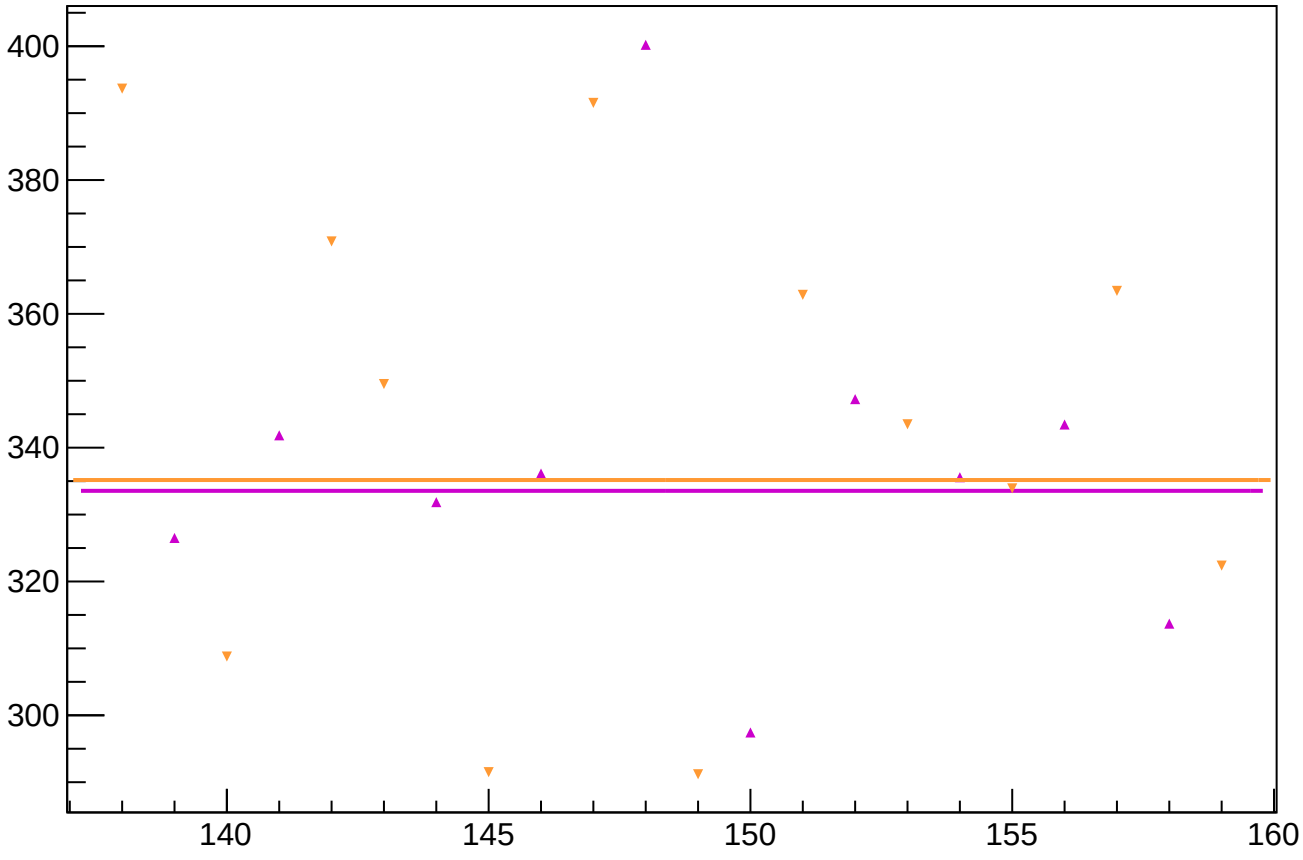
Left In: -231.524+/-116.802 χ^2/NDF:15.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -267.572+/-81.329 χ^2/NDF: 22.6/21

- 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: 335.163+/-0.080 χ^2/NDF:177051.1/11

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

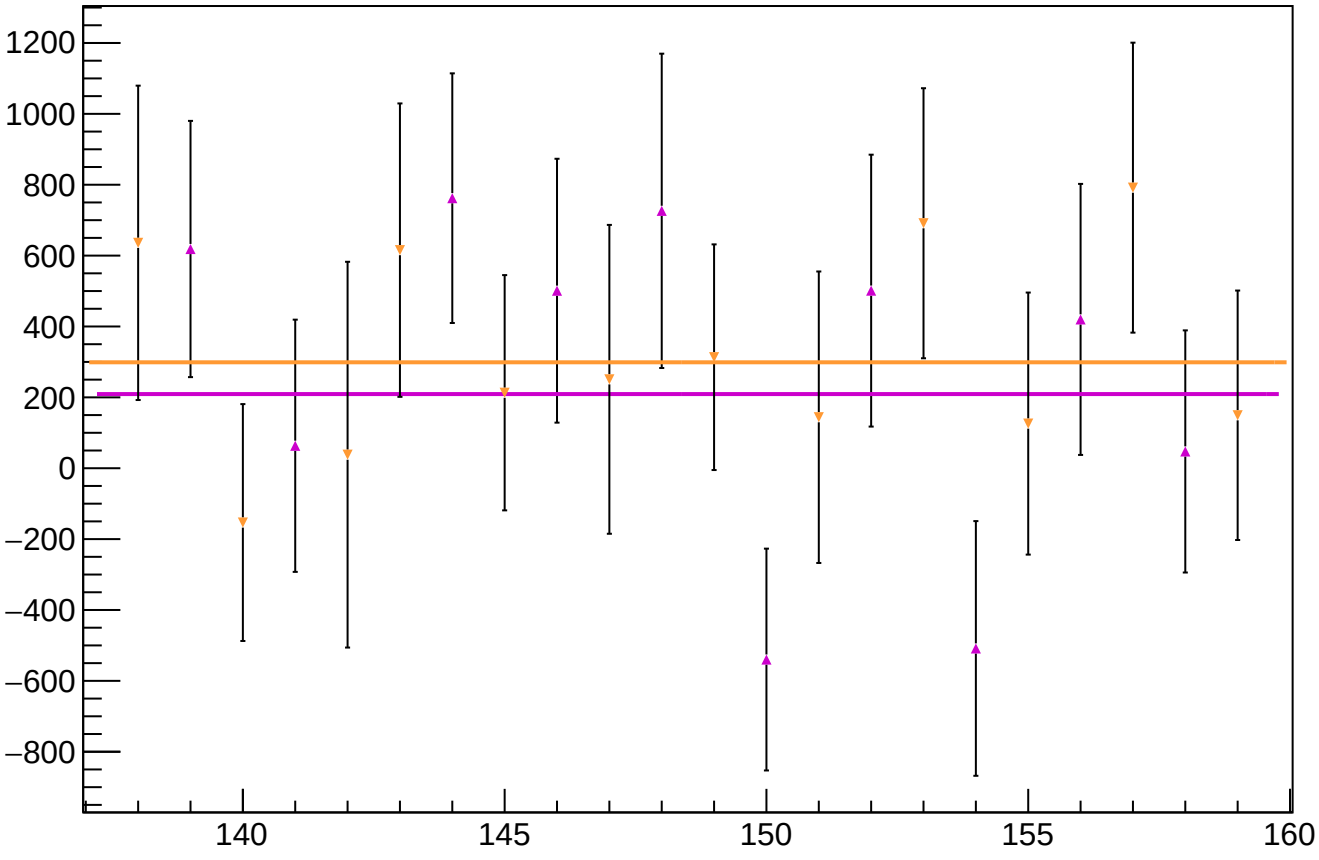
Left In: 333.548+/-0.083 χ^2/NDF:81829.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 334.380+/-0.058 χ^2/NDF: 259077.8/21

- 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: 298.939+/-110.692 χ^2/NDF:6.4/11

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

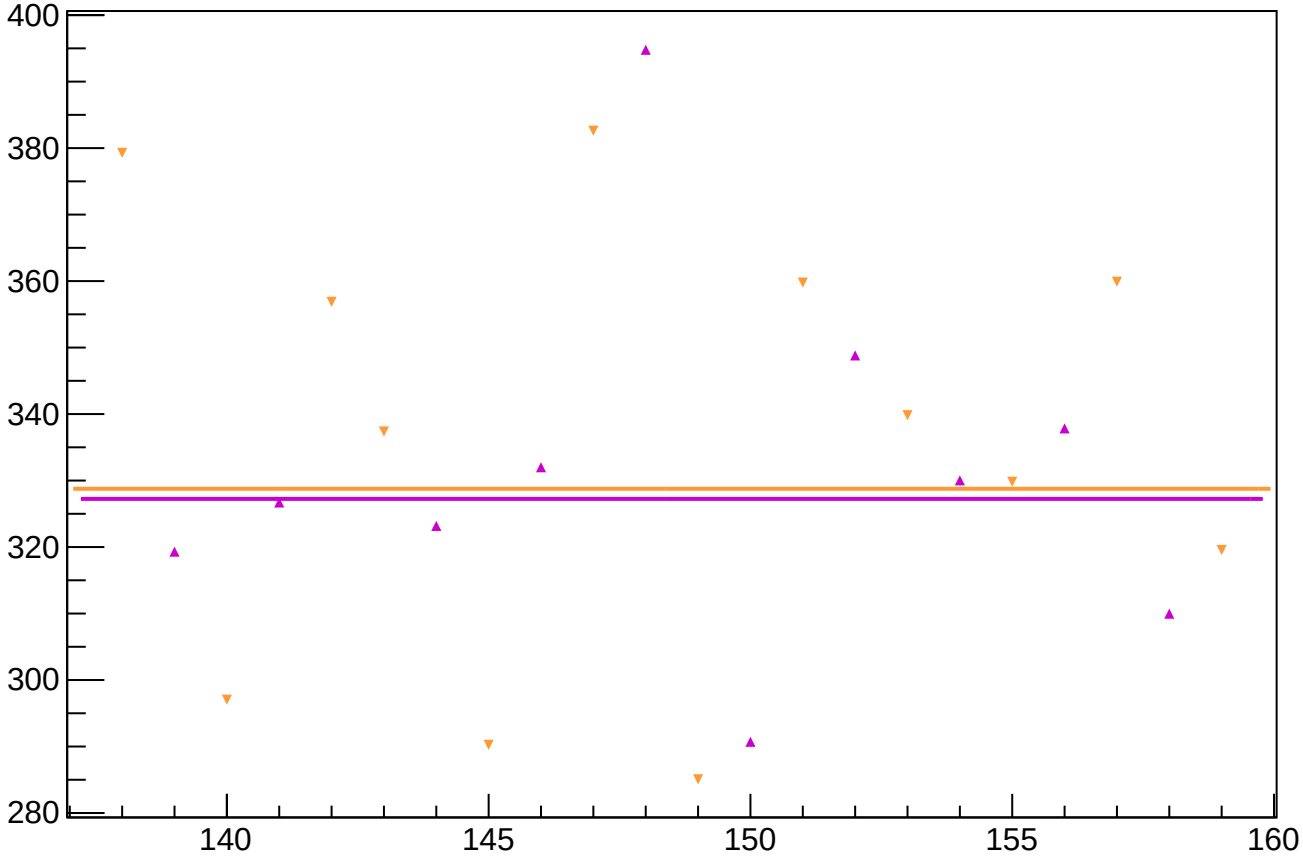
Left In: 209.271+/-114.663 χ^2/NDF:16.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 255.685+/-79.638 χ^2/NDF: 23.4/21

- 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: 328.763+/-0.078 χ^2/NDF:171313.9/11

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

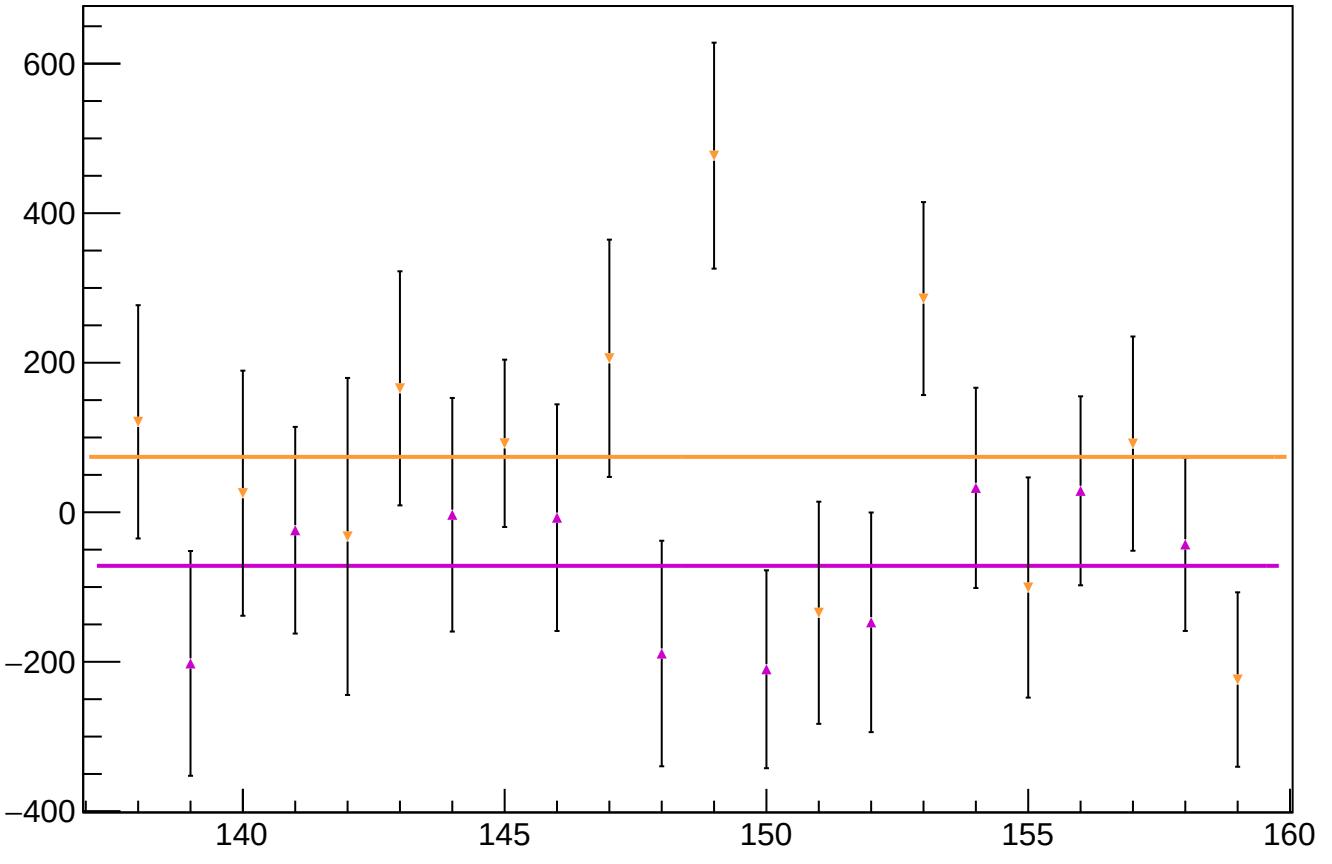
Left In: 327.243+/-0.081 χ^2/NDF:88293.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 328.030+/-0.056 χ^2/NDF: 259788.8/21

- 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: 74.099+/-41.578 χ^2/NDF:21.2/11

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

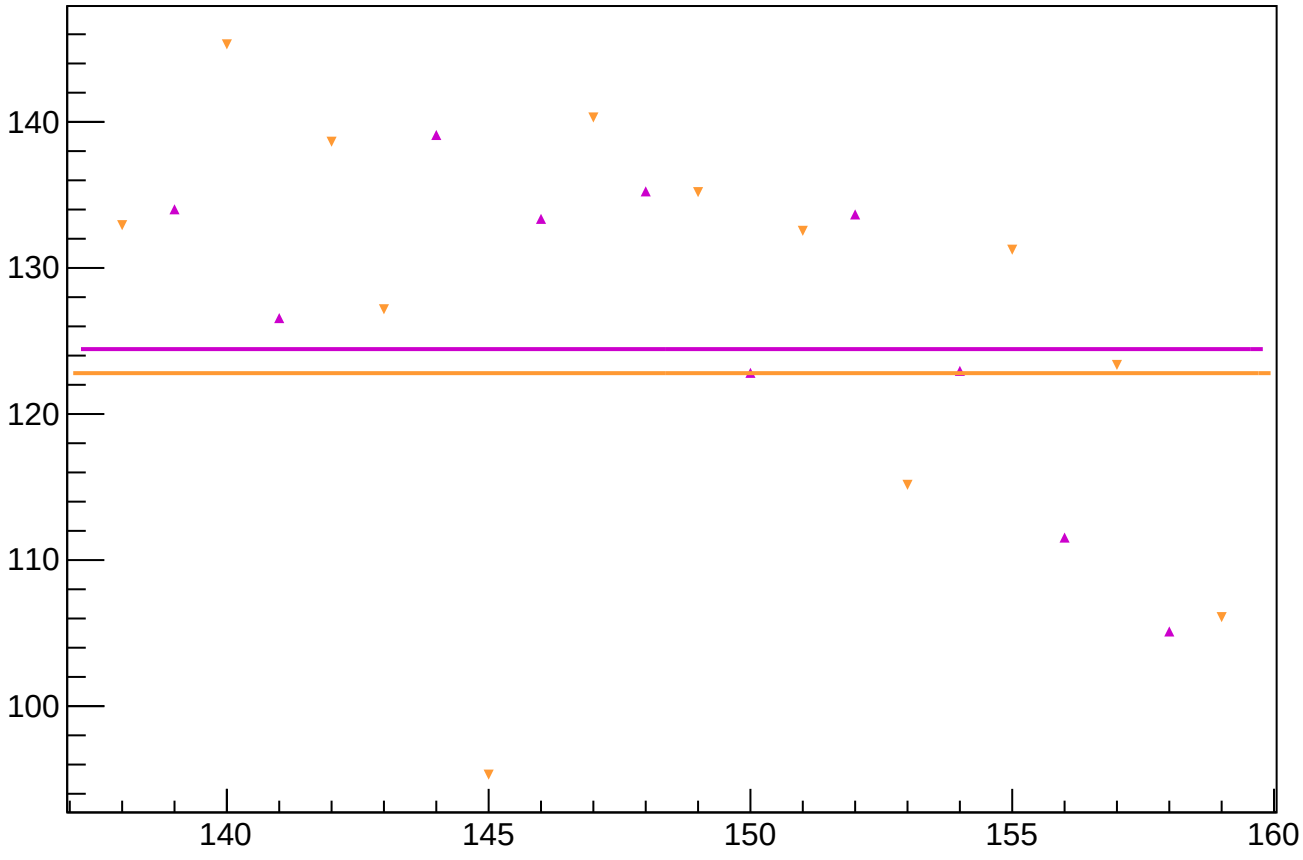
Left In: -71.629+/-43.788 χ^2/NDF:4.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.006+/-30.151 χ^2/NDF: 31.5/21

- 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: 122.798+/-0.029 χ^2/NDF:280627.5/11

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

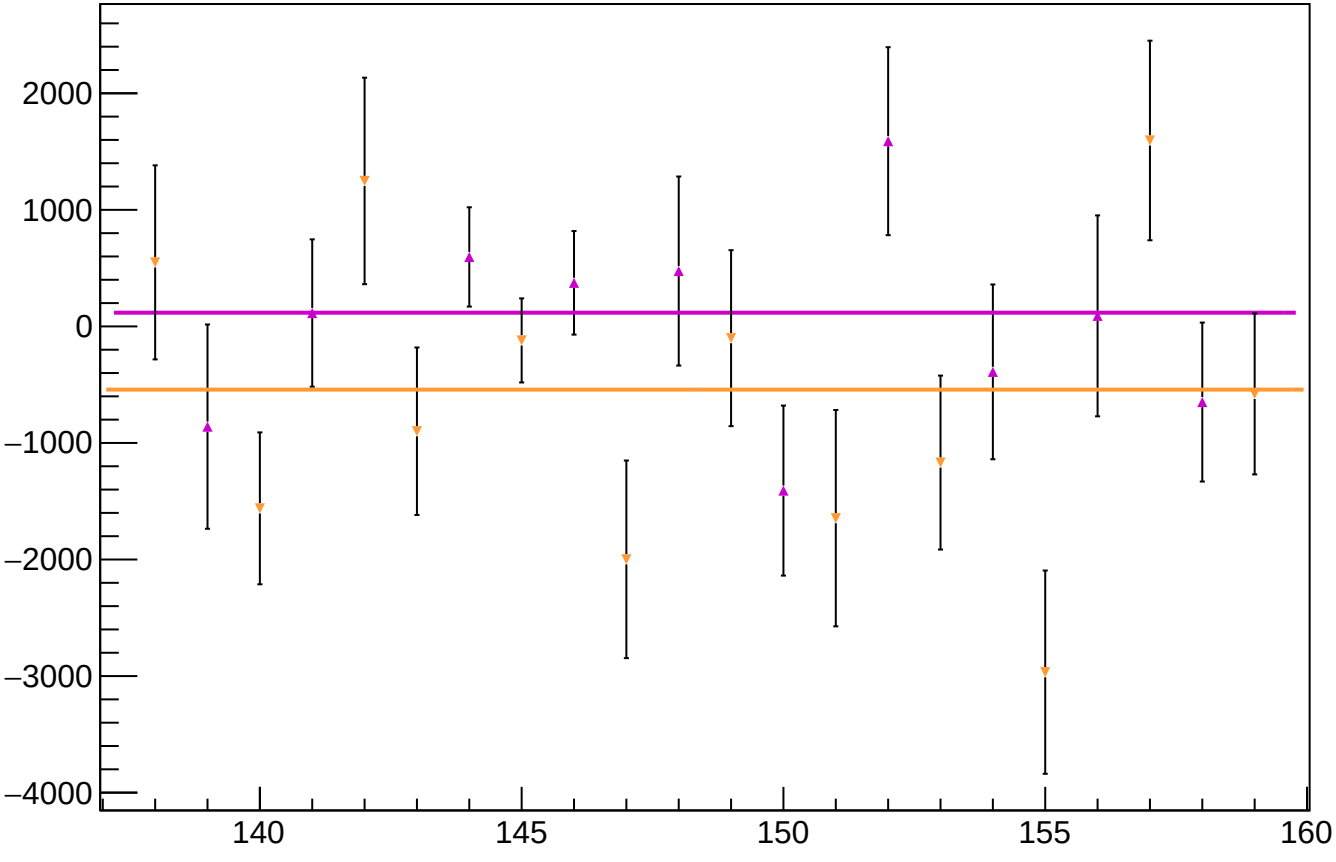
Left In: 124.444+/-0.031 χ^2/NDF:128427.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 123.578+/-0.021 χ^2/NDF: 410541.7/21

- 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: -542.271+/-197.738 χ^2/NDF:29.2/11

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

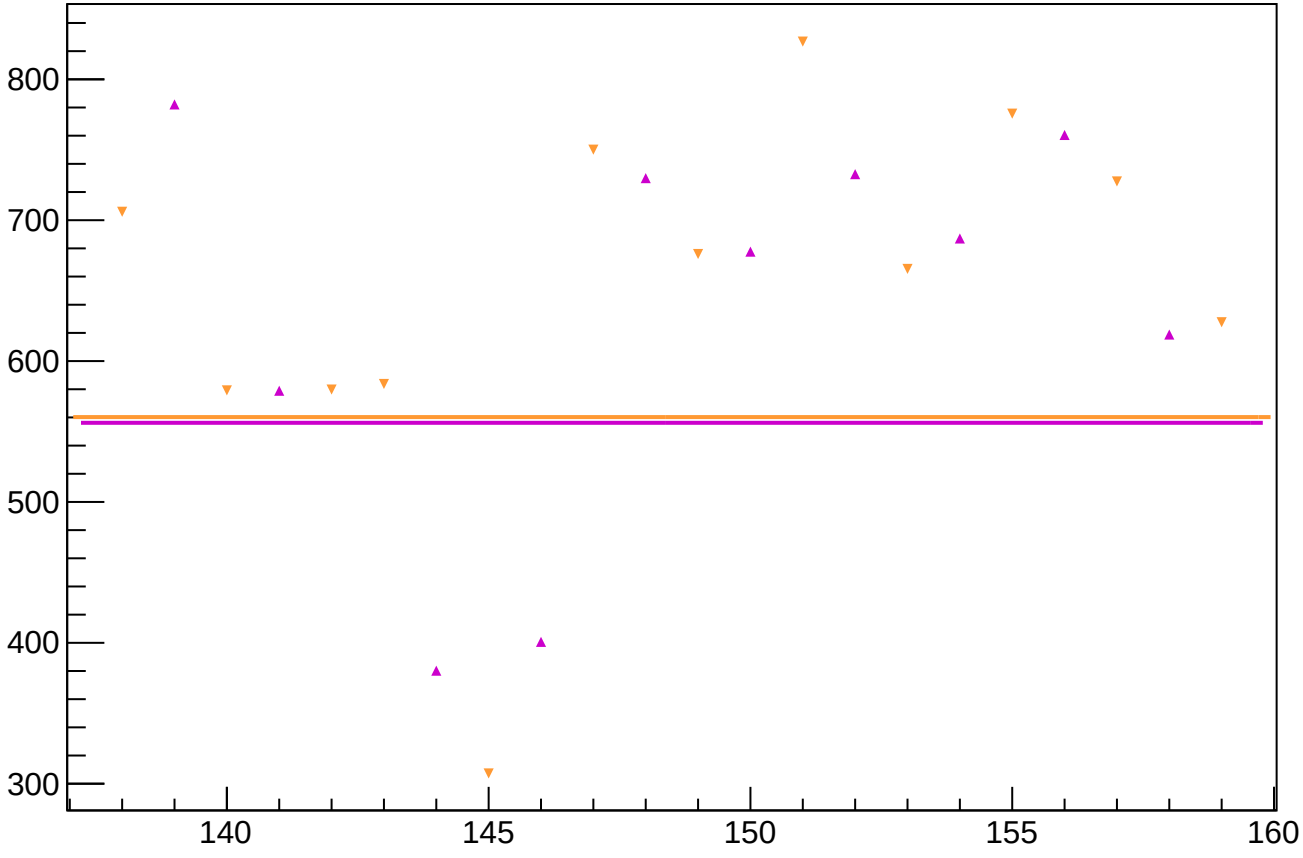
Left In: 117.726+/-201.642 χ^2/NDF:12.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -218.723+/-141.182 χ^2/NDF: 47.2/21

- 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: 560.242+/-0.140 χ^2/NDF:1618950.5/11

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

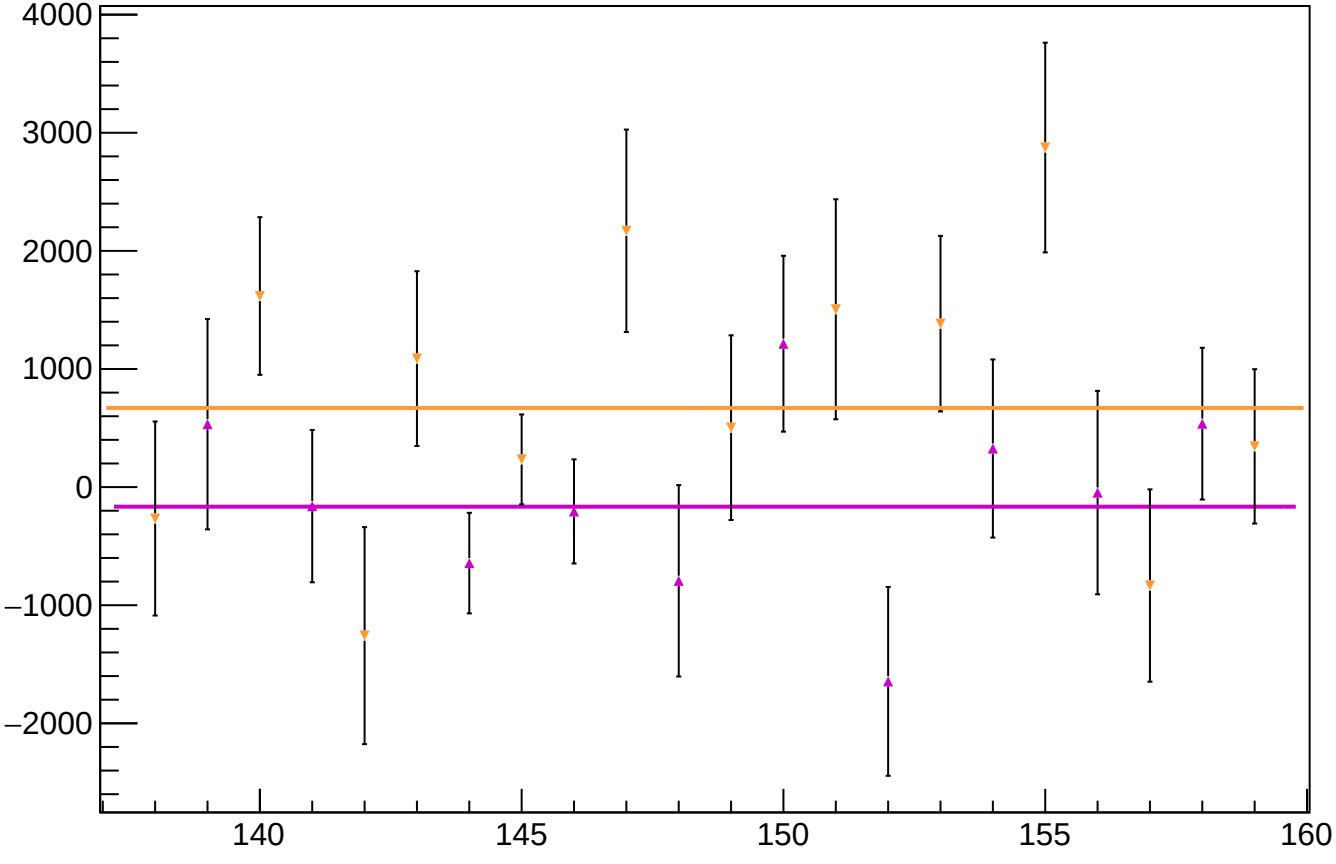
Left In: 556.185+/-0.143 χ^2/NDF:1155111.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 558.253+/-0.100 χ^2/NDF: 2774474.6/21

- 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: 670.419+/-201.160 χ^2/NDF:24.0/11

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

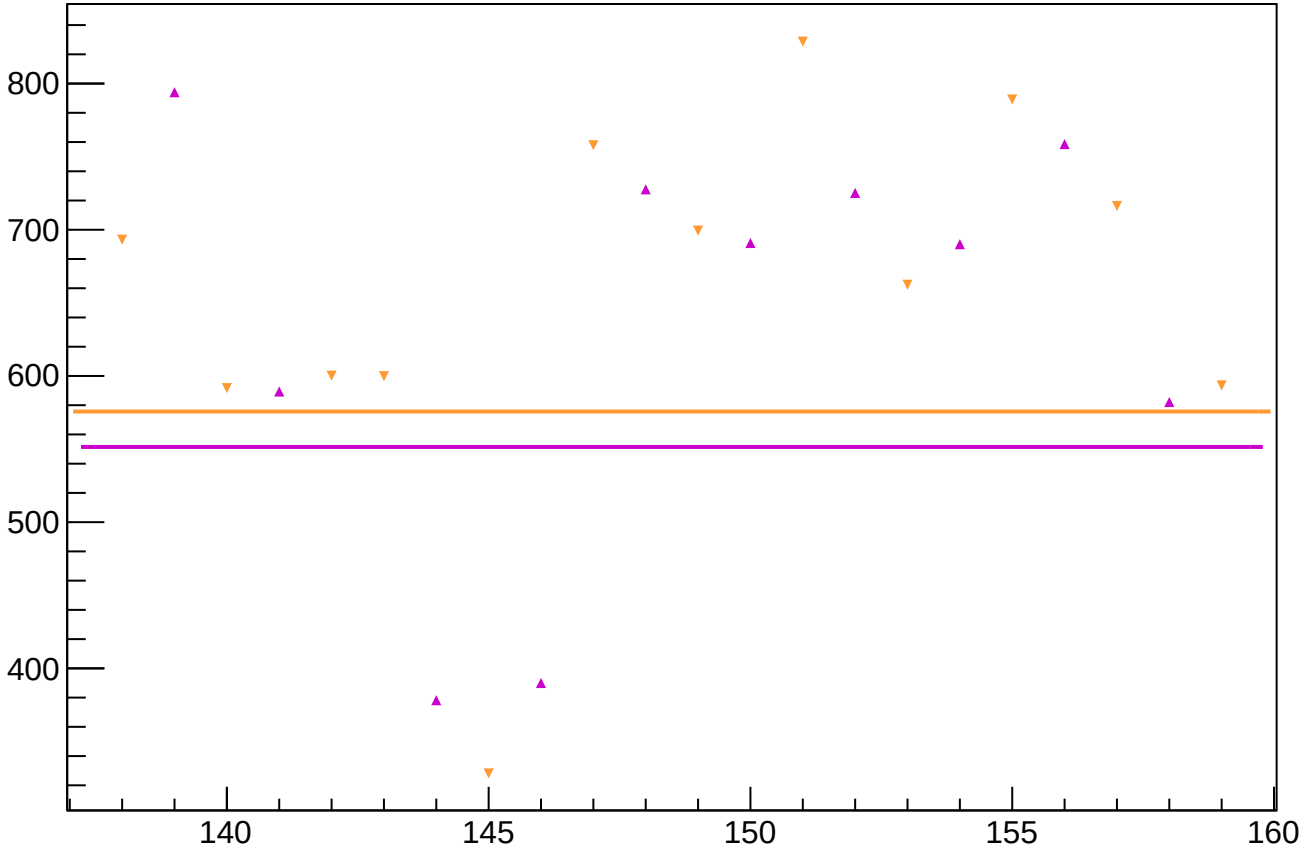
Left In: -165.756+/-200.989 χ^2/NDF:11.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 251.976+/-142.181 χ^2/NDF: 43.6/21

- 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: 575.676+/-0.142 χ^2/NDF:1382578.8/11

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

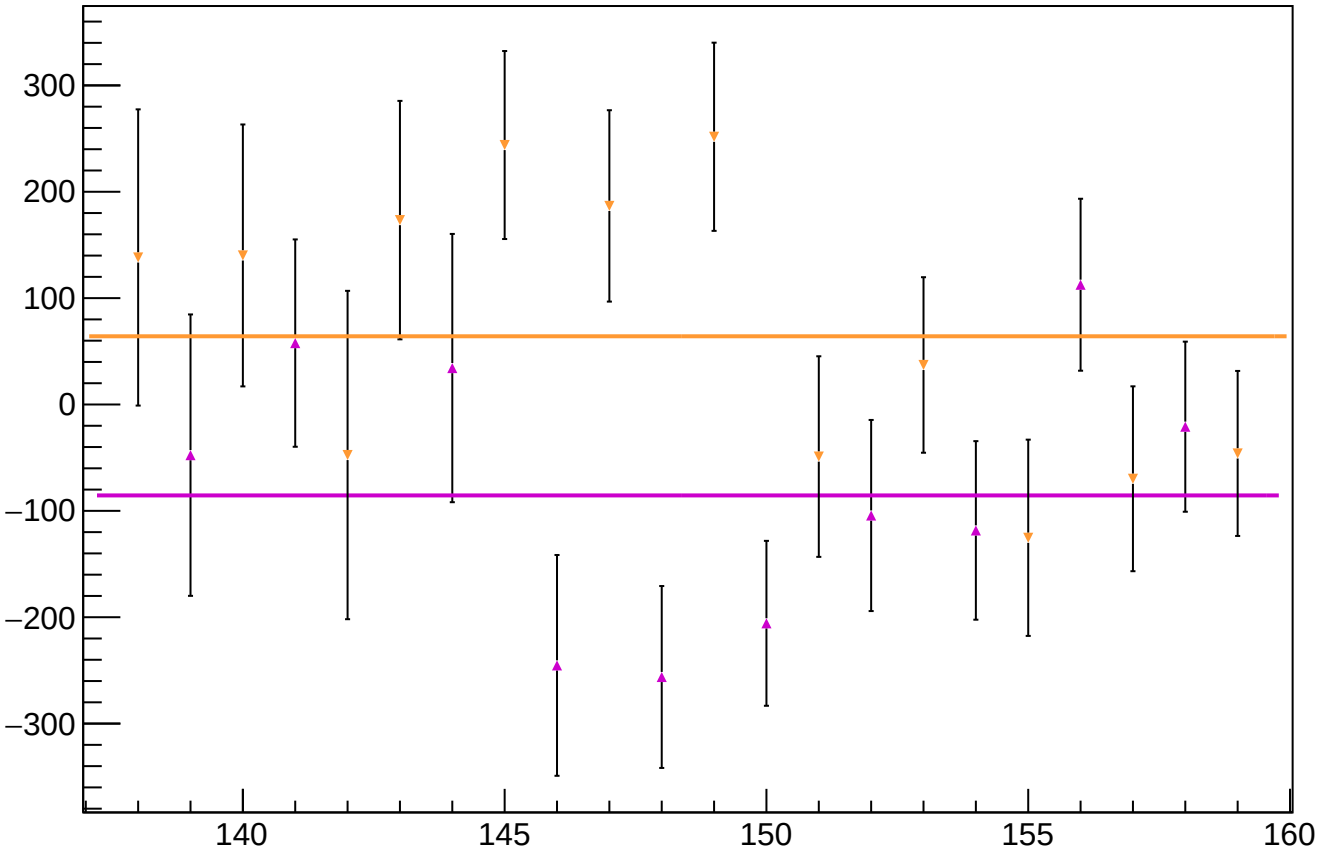
Left In: 551.447+/-0.142 χ^2/NDF:1202338.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 563.551+/-0.101 χ^2/NDF: 2599437.0/21

- 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: 64.131+/-27.801 χ^2/NDF:22.8/11

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

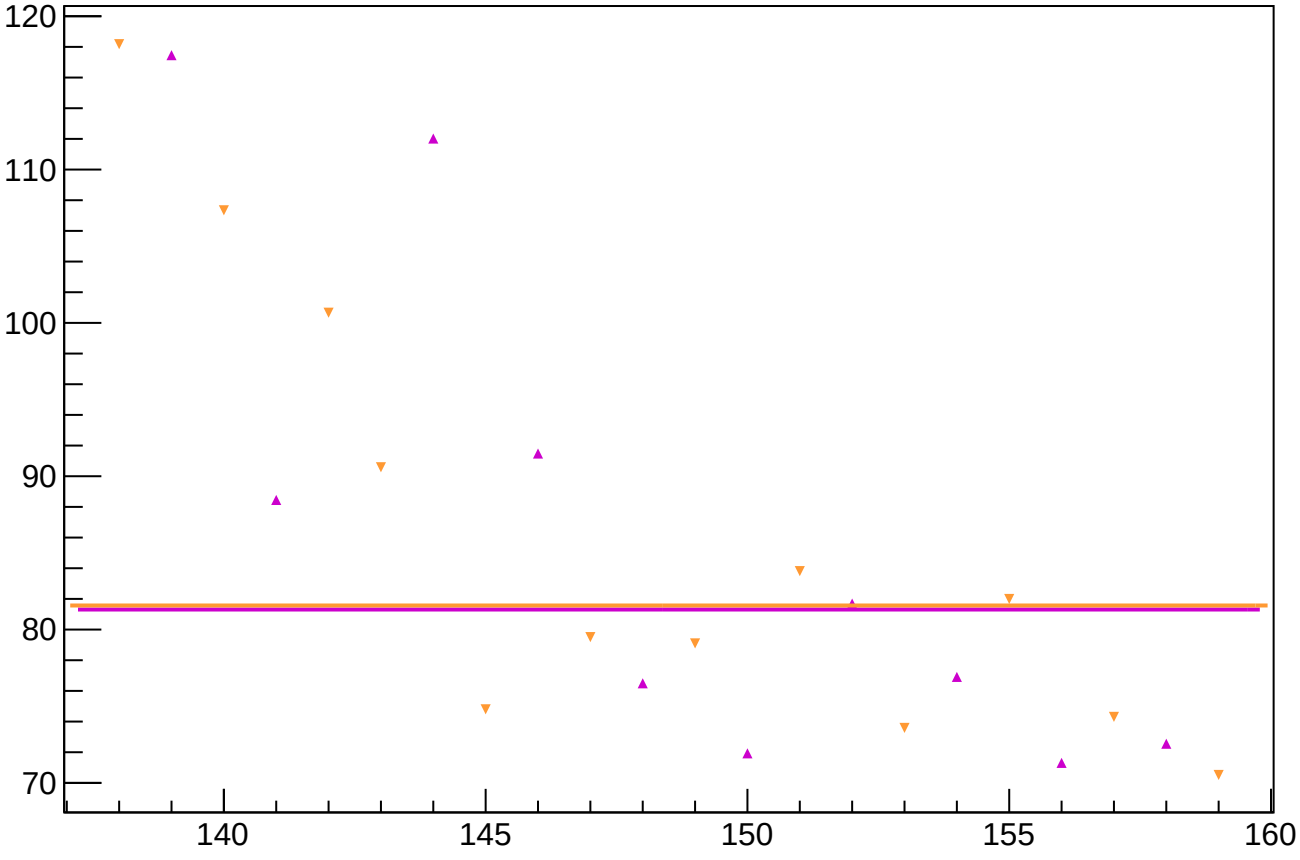
Left In: -85.486+/-28.910 χ^2/NDF:18.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.753+/-20.039 χ^2/NDF: 55.5/21

- 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: 81.570+/-0.020 χ^2/NDF:358192.4/11

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

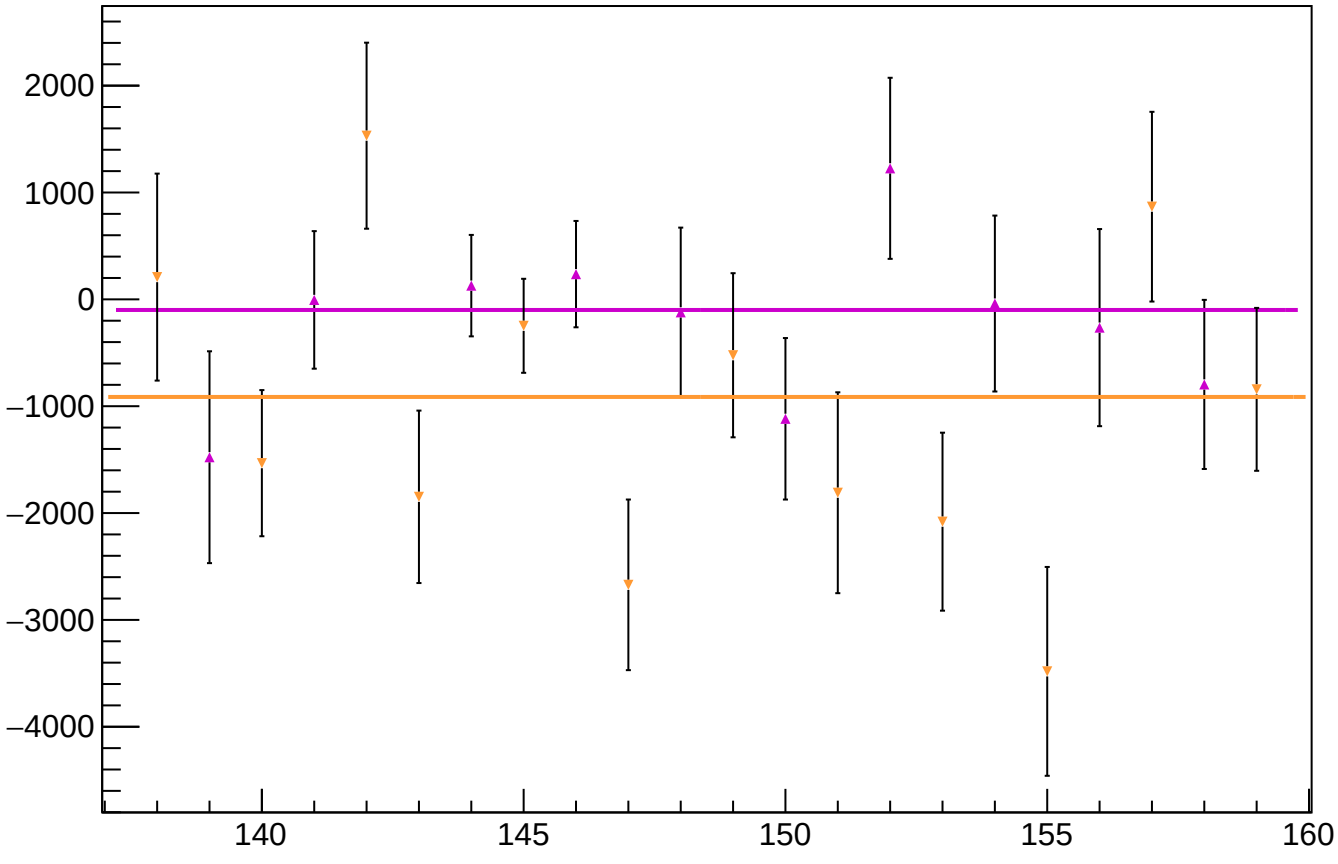
Left In: 81.307+/-0.020 χ^2/NDF:393658.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 81.444+/-0.014 χ^2/NDF: 751936.6/21

- 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: -913.381+/-217.696 χ^2/NDF:32.6/11

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

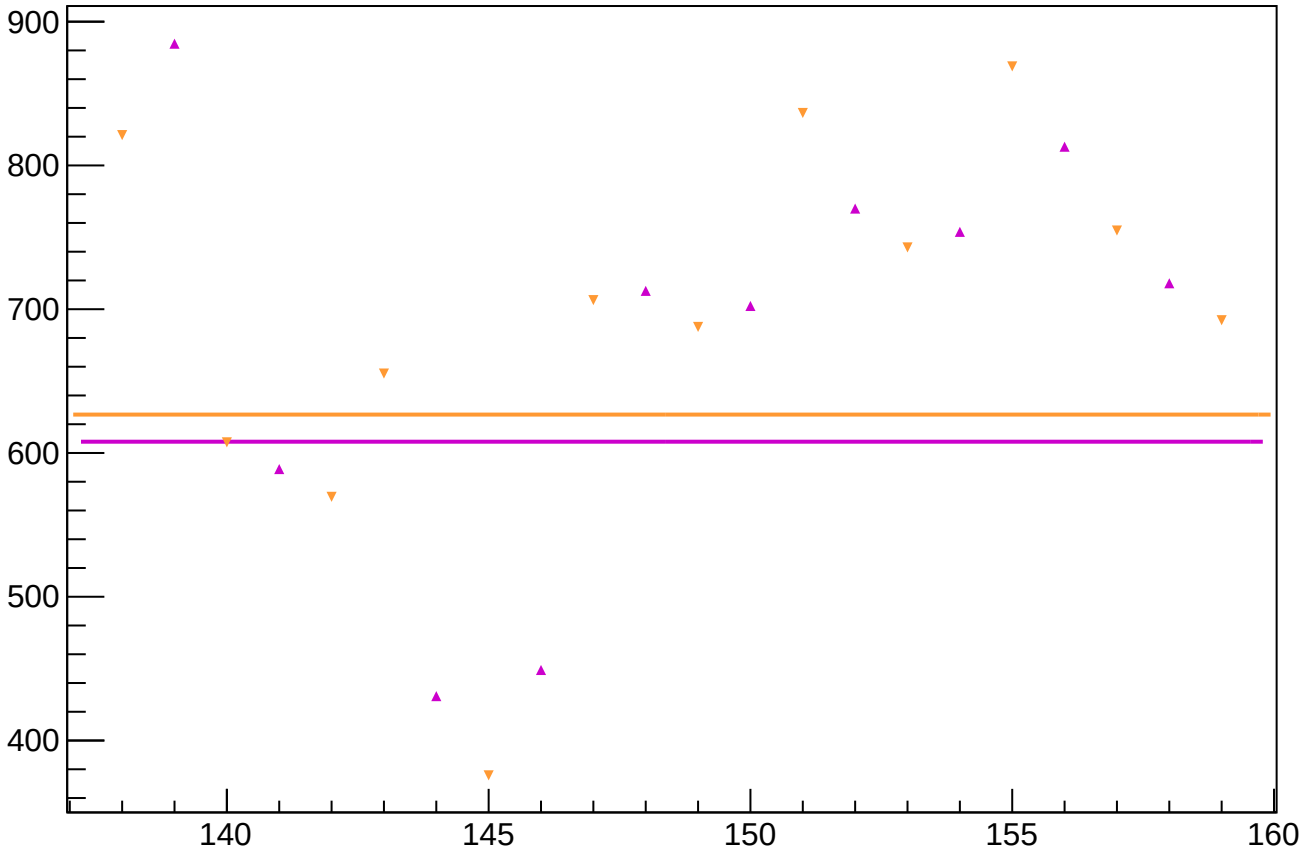
Left In: -99.376+/-218.794 χ^2/NDF:7.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -508.426+/-154.321 χ^2/NDF: 47.3/21

- 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: 626.709+/-0.154 χ^2/NDF:1094333.0/11

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

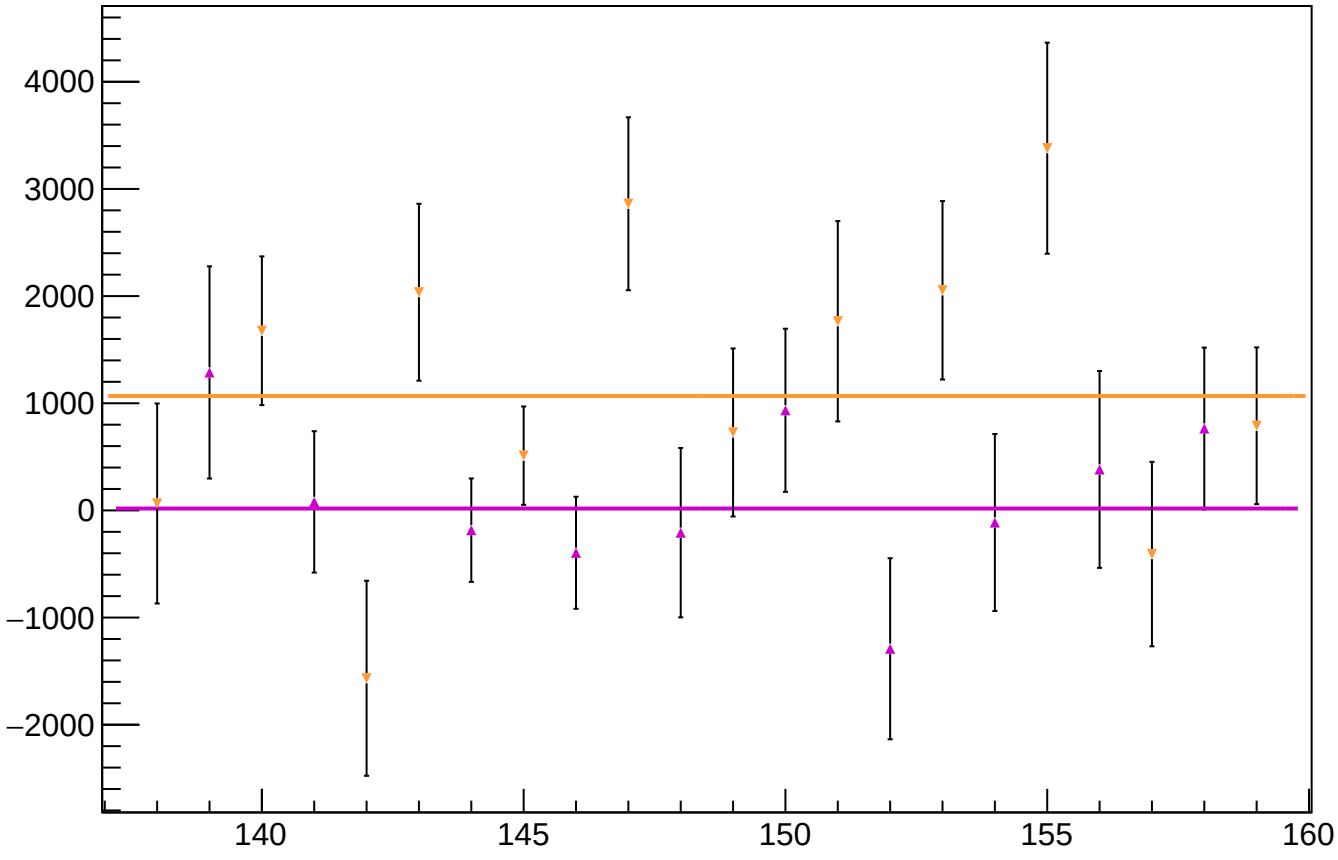
Left In: 607.845+/-0.155 χ^2/NDF:979447.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 617.324+/-0.109 χ^2/NDF: 2081251.9/21

- 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: 1067.901+/-220.057 χ^2/NDF:28.8/11

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

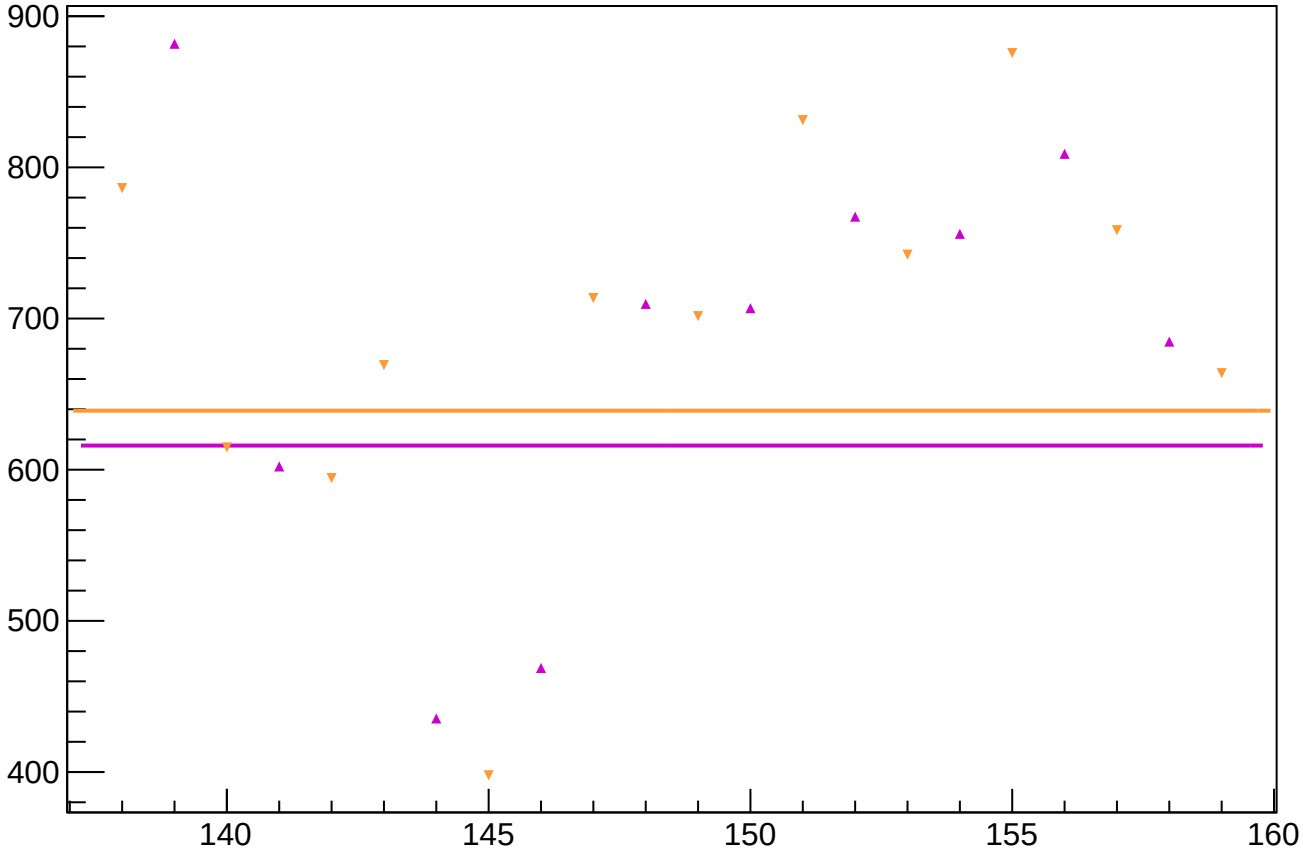
Left In: 17.539+/-221.395 χ^2/NDF:7.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 545.905+/-156.075 χ^2/NDF: 47.7/21

- 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: 639.042+/-0.156 χ^2/NDF:913600.0/11

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

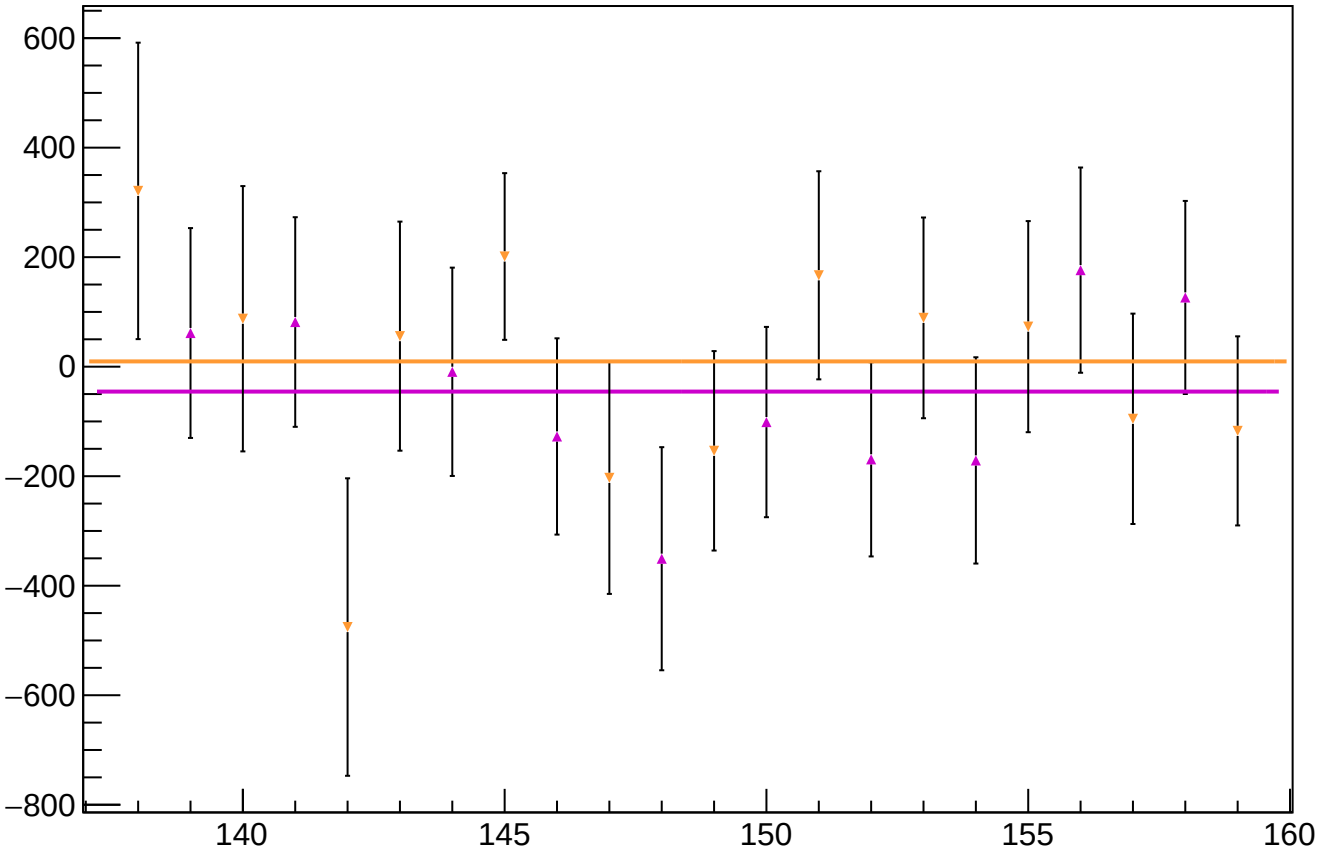
Left In: 615.978+/-0.157 χ^2/NDF:866459.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 627.580+/-0.110 χ^2/NDF: 1790977.5/21

- 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: 9.632+/-57.010 χ^2/NDF:9.9/11

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

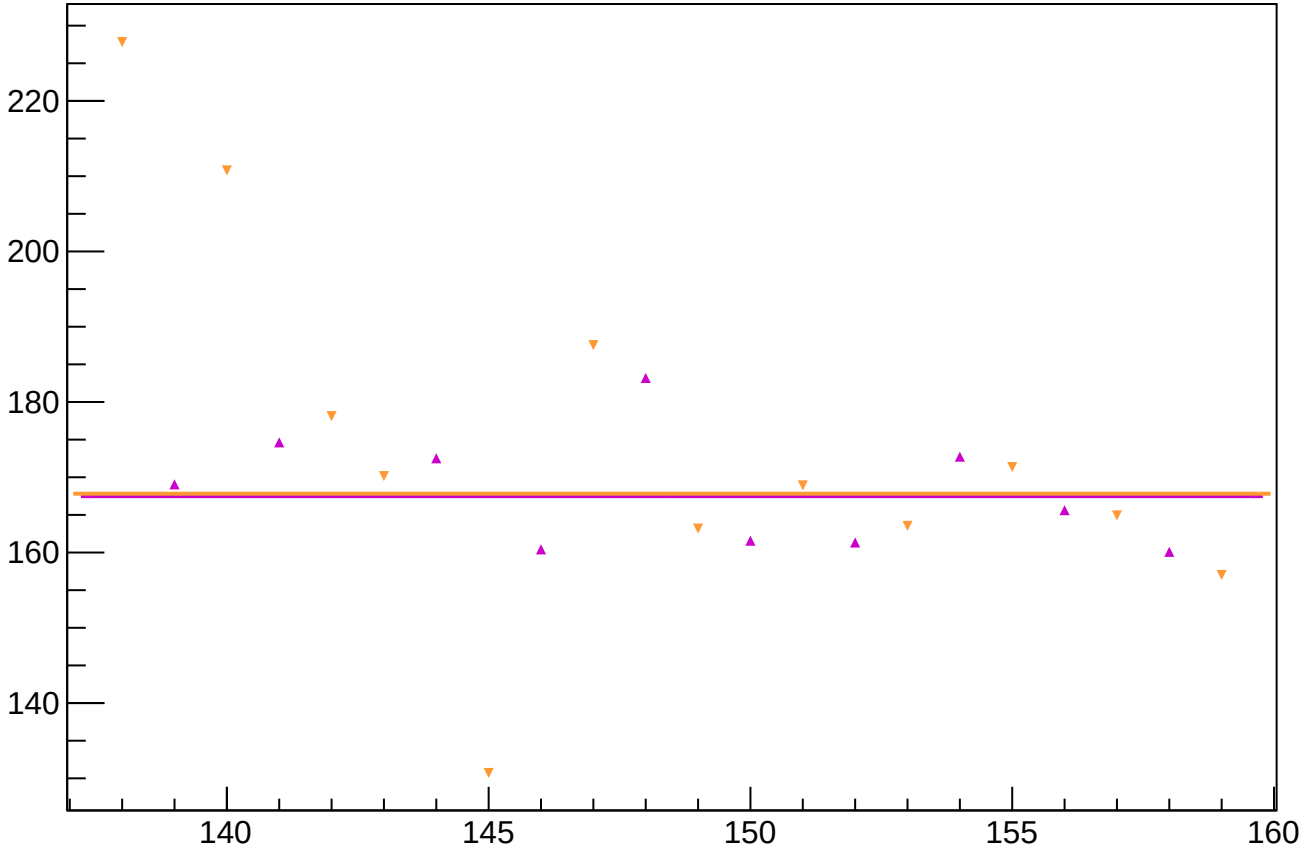
Left In: -45.486+/-58.606 χ^2/NDF:6.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.166+/-40.865 χ^2/NDF: 17.0/21

- 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: 167.815+/-0.040 χ^2/NDF:311840.7/11

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

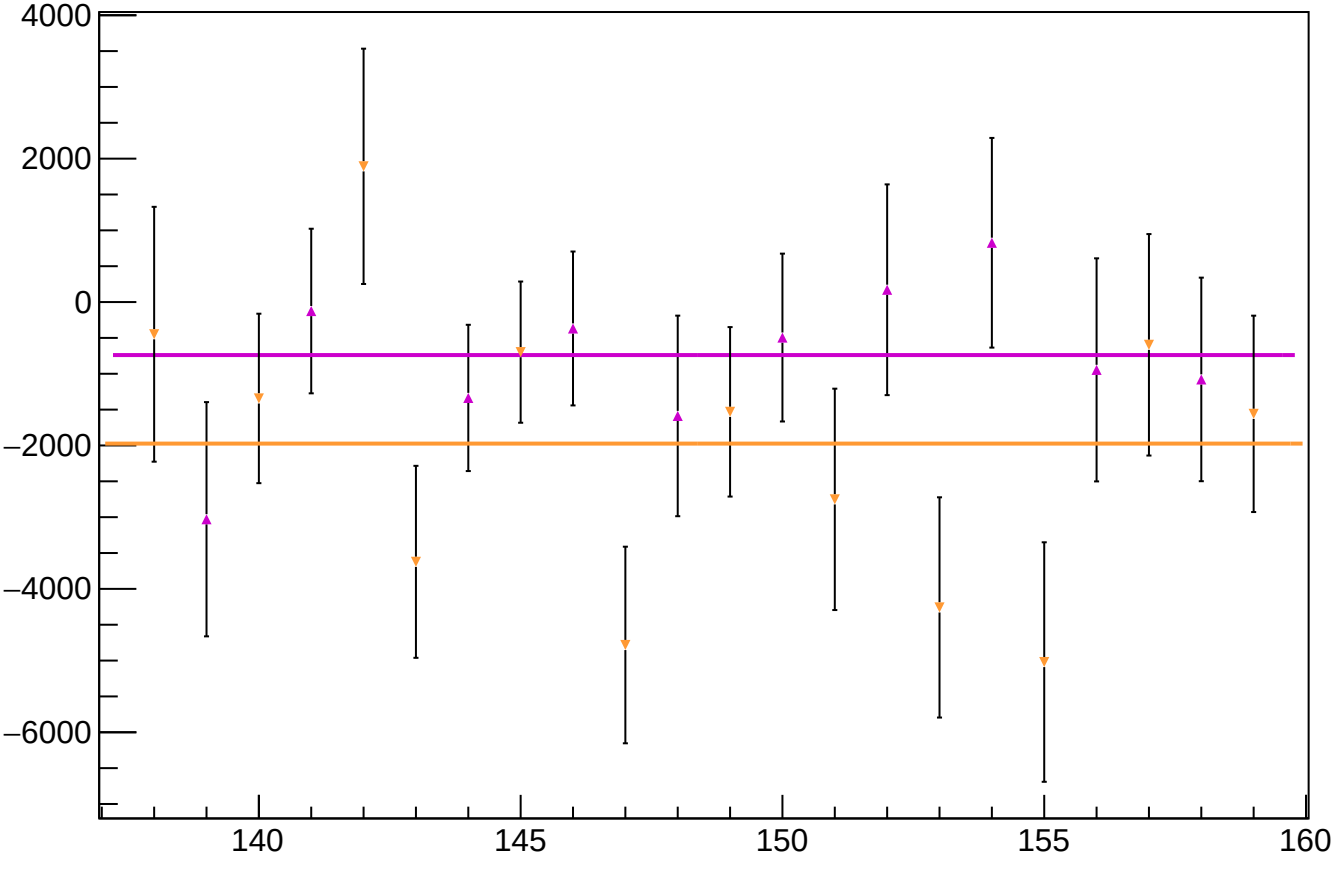
Left In: 167.492+/-0.041 χ^2/NDF:29312.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 167.658+/-0.029 χ^2/NDF: 341184.2/21

- 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: -1973.959+/-395.400 χ^2/NDF:20.8/11

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

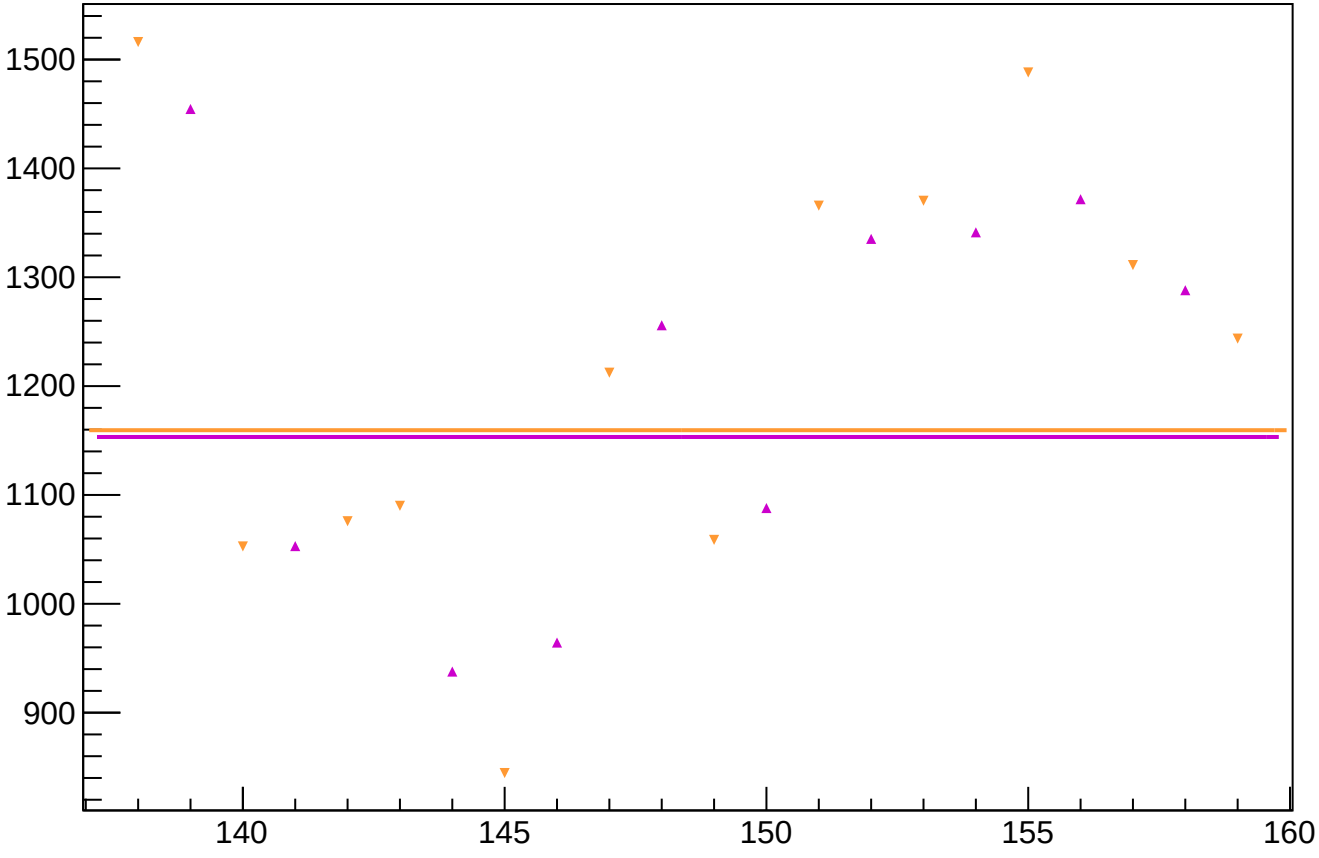
Left In: -739.258+/-406.726 χ^2/NDF:4.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1374.039+/-283.509 χ^2/NDF: 30.3/21

- 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: 1159.484+/-0.280 χ^2/NDF:507253.1/11

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

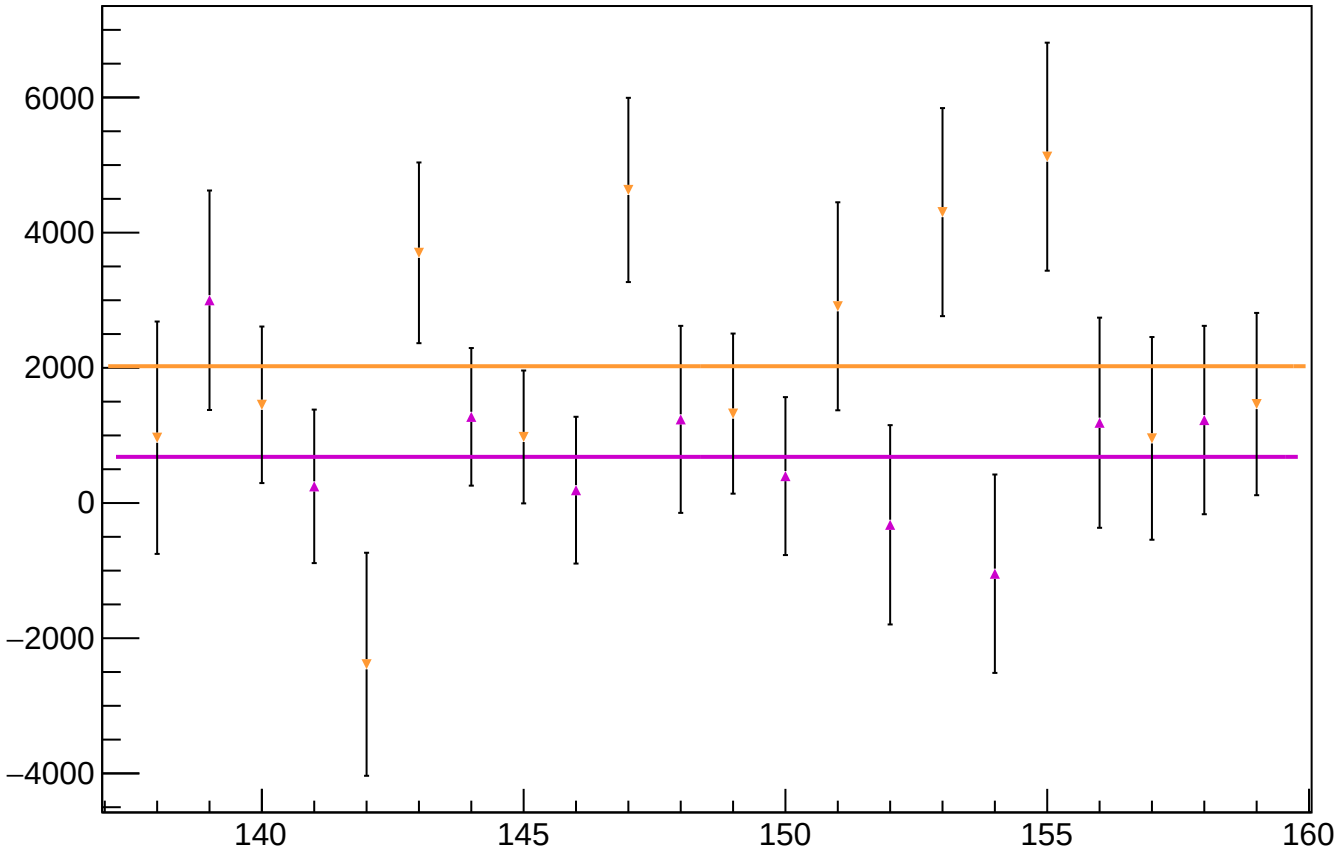
Left In: 1153.251+/-0.288 χ^2/NDF:372769.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1156.456+/-0.200 χ^2/NDF: 880263.6/21

- 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: 2023.937+/-392.581 χ^2/NDF:21.1/11

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

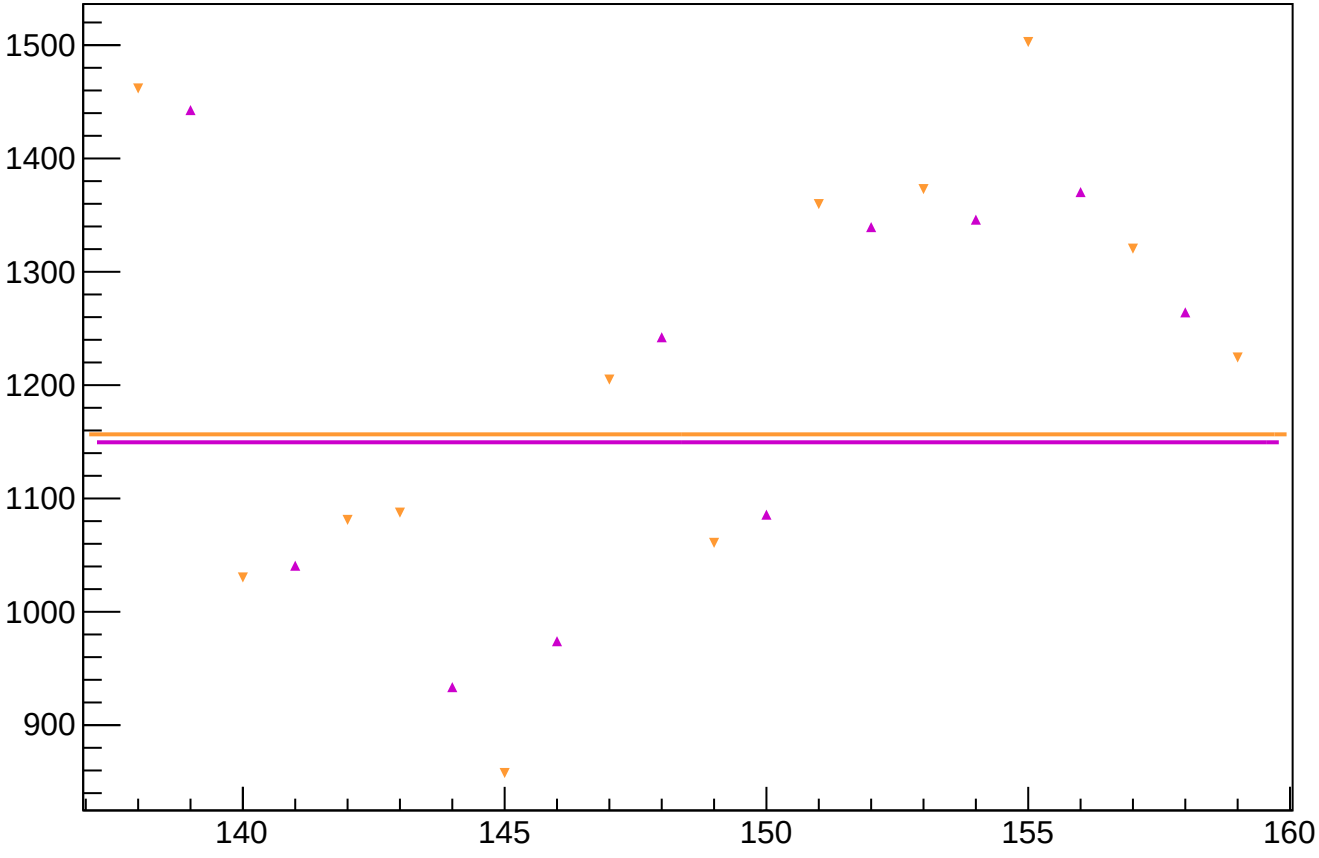
Left In: 683.052+/-405.674 χ^2/NDF:5.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1375.482+/-282.112 χ^2/NDF: 31.8/21

- 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: 1156.590+/-0.278 χ^2/NDF:484401.0/11

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

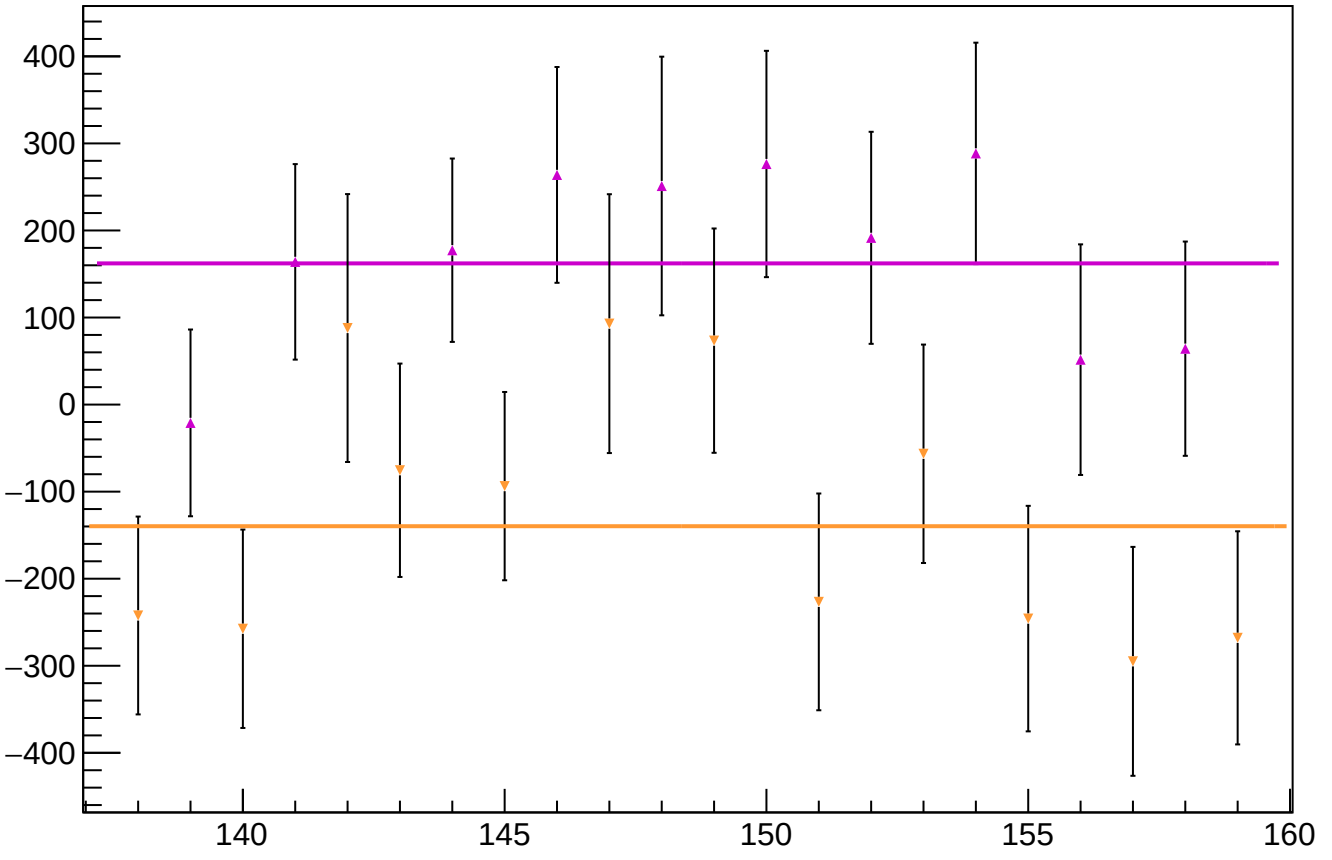
Left In: 1149.574+/-0.287 χ^2/NDF:363772.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1153.197+/-0.199 χ^2/NDF: 848482.3/21

- 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: -139.713+/-36.119 χ^2/NDF:13.8/11

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

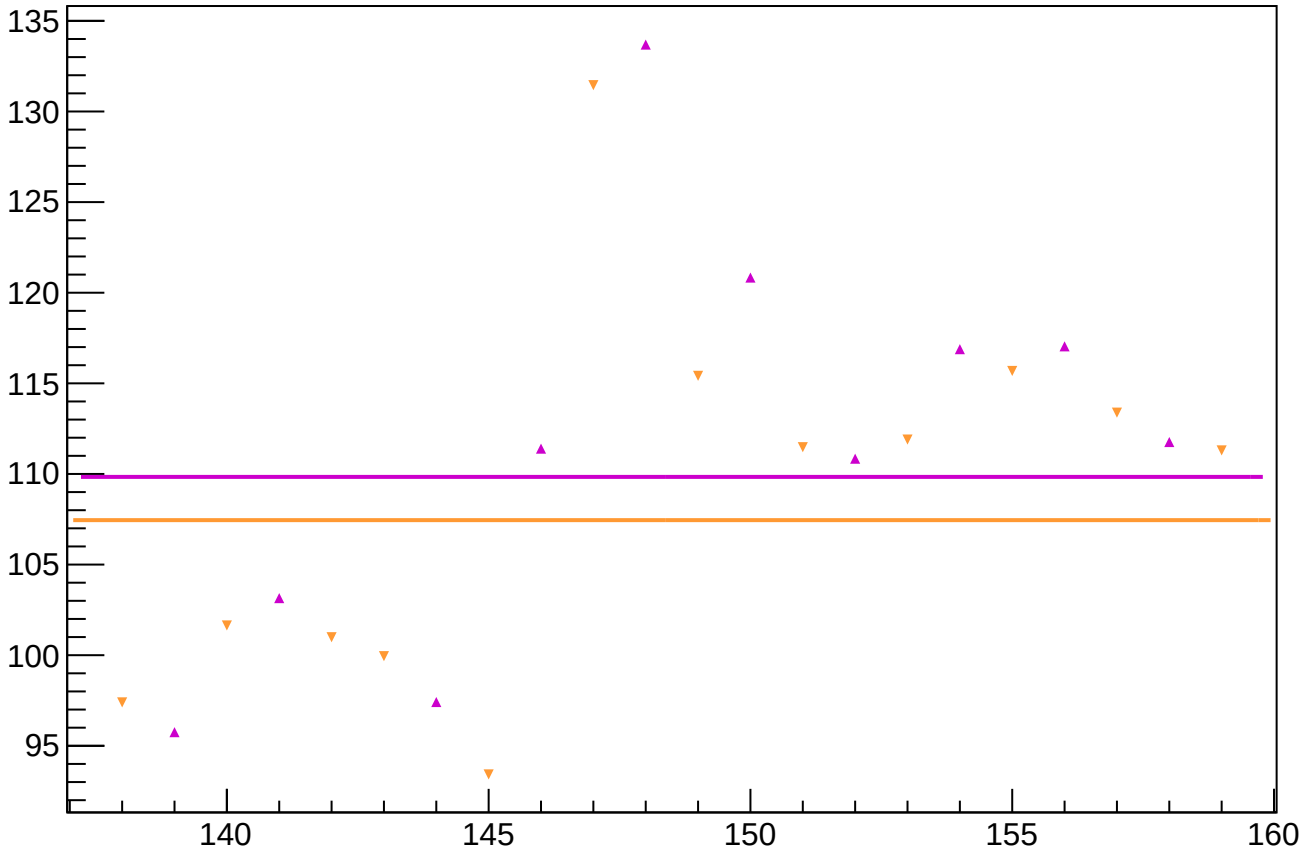
Left In: 162.183+/-38.397 χ^2/NDF:7.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.015+/-26.308 χ^2/NDF: 53.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 107.452+/-0.026 χ^2/NDF:144050.0/11

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

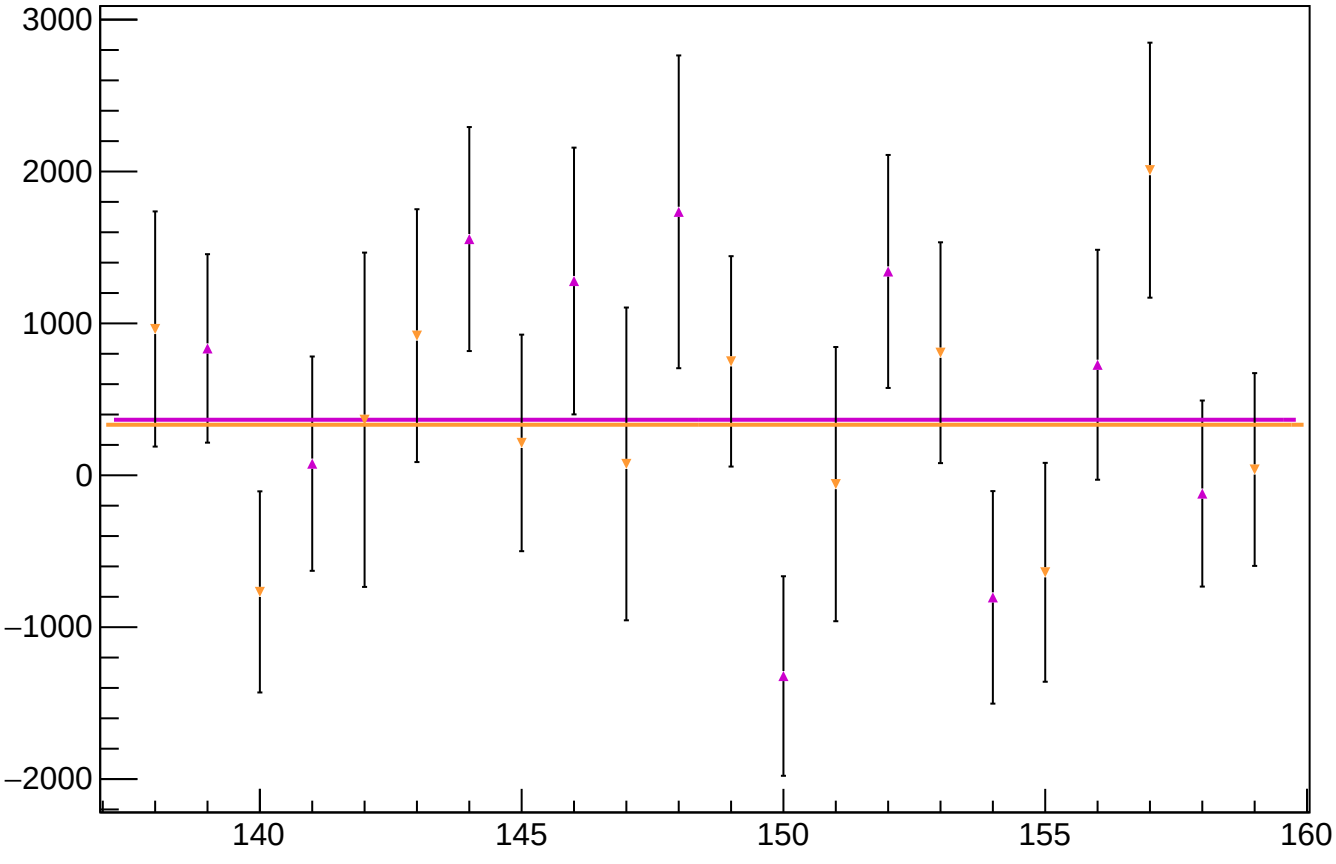
Left In: 109.838+/-0.027 χ^2/NDF:148301.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 108.572+/-0.019 χ^2/NDF: 296449.7/21

- 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: 332.749+/-222.705 χ^2/NDF:11.0/11

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

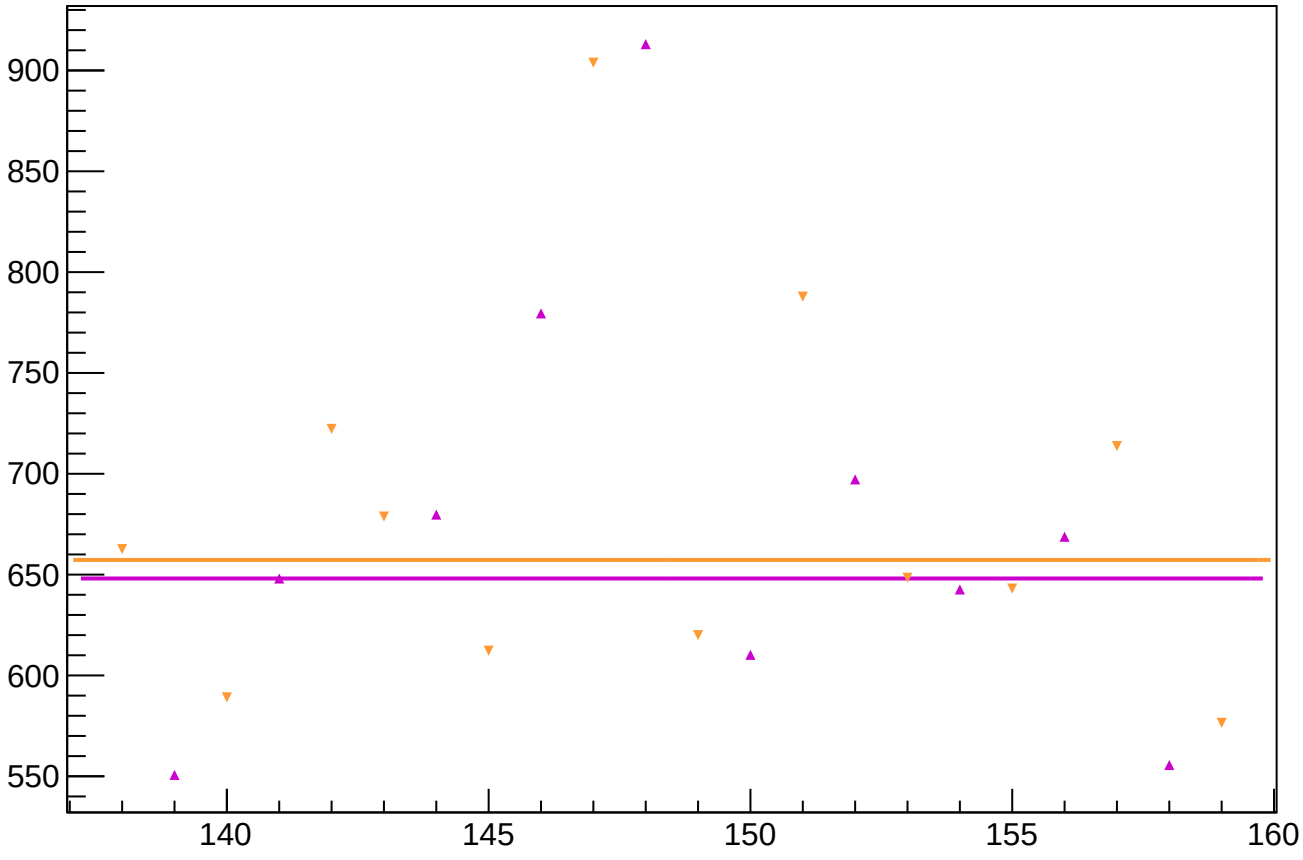
Left In: 365.659+/-228.468 χ^2/NDF:18.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 348.783+/-159.474 χ^2/NDF: 29.1/21

- 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: 657.288+/-0.157 χ^2/NDF:242417.2/11

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

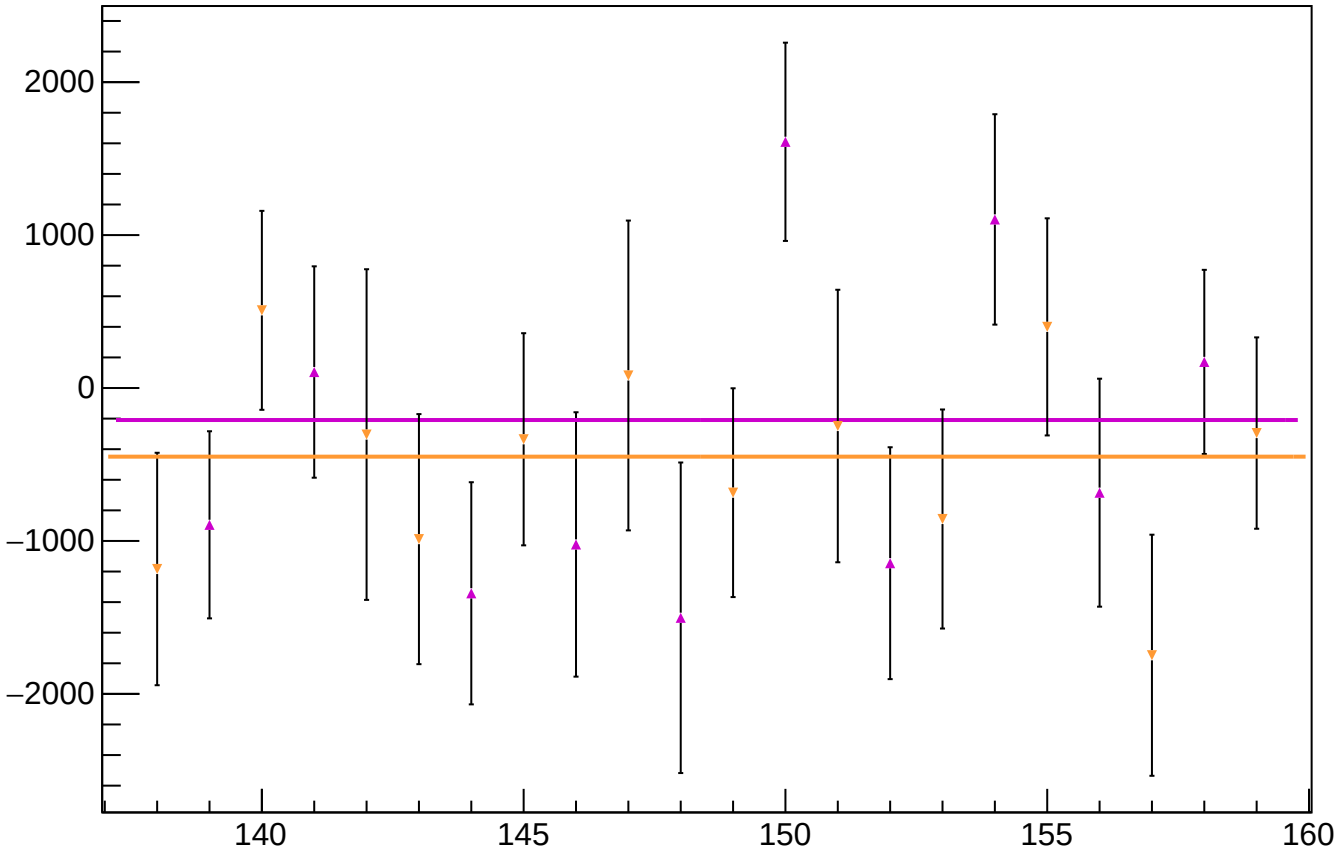
Left In: 648.077+/-0.162 χ^2/NDF:292339.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 652.801+/-0.113 χ^2/NDF: 536423.5/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -448.802+/-218.194 χ^2/NDF:8.5/11

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

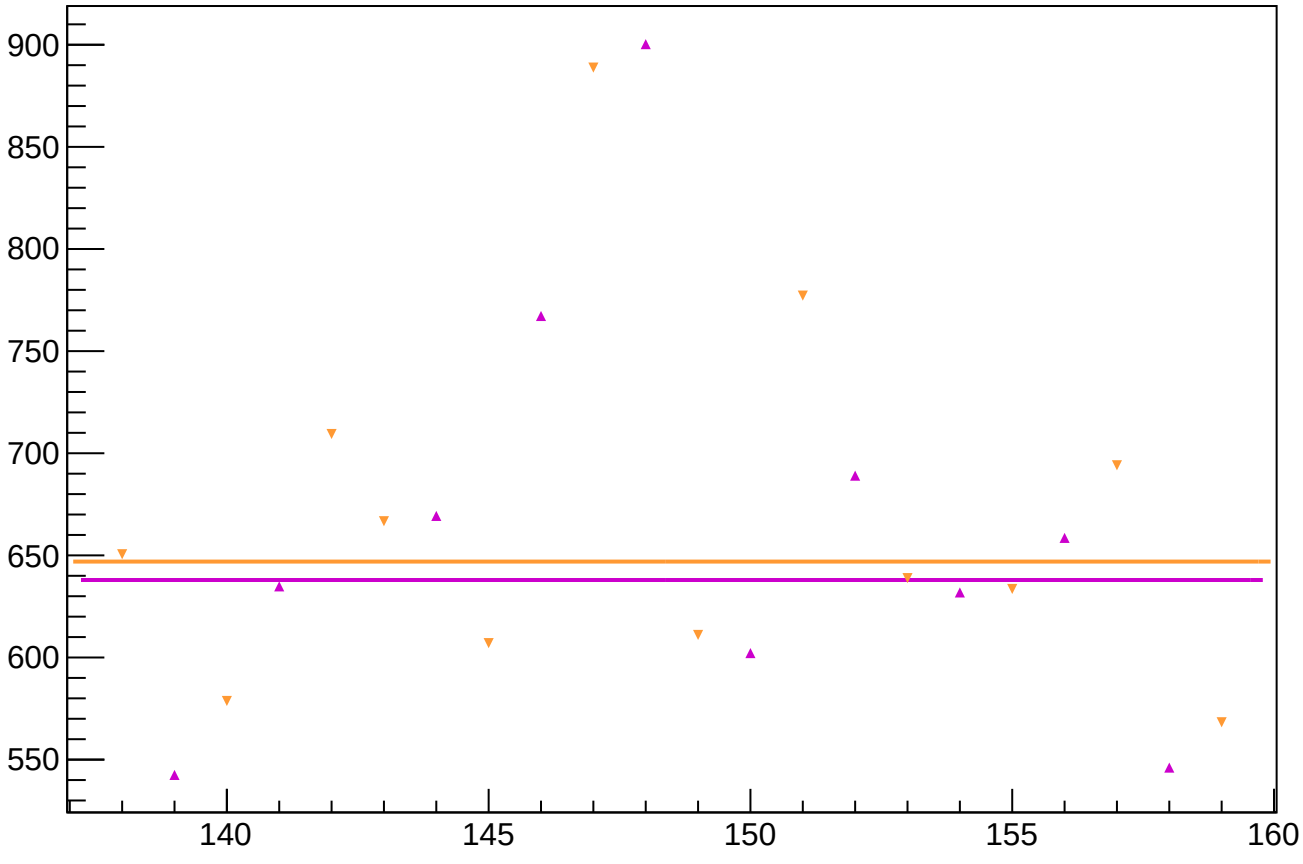
Left In: -209.205+/-224.945 χ^2/NDF:20.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -332.653+/-156.619 χ^2/NDF: 29.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_rms vs Slug



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

Left Out: 646.967+/-0.154 χ^2/NDF:238567.2/11

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

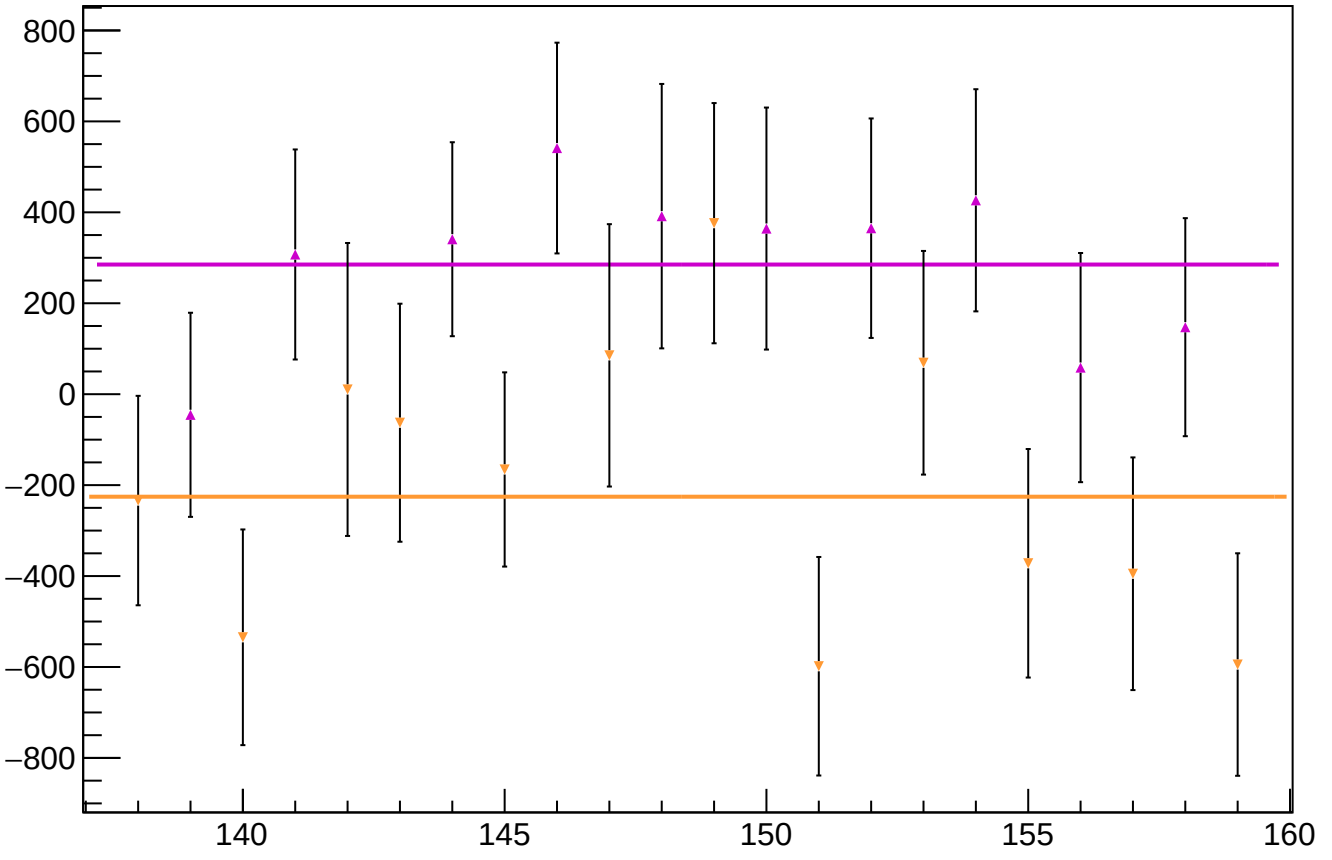
Left In: 637.945+/-0.159 χ^2/NDF:294130.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 642.593+/-0.111 χ^2/NDF: 534355.2/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -225.465+/-72.402 χ^2/NDF:15.9/11

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

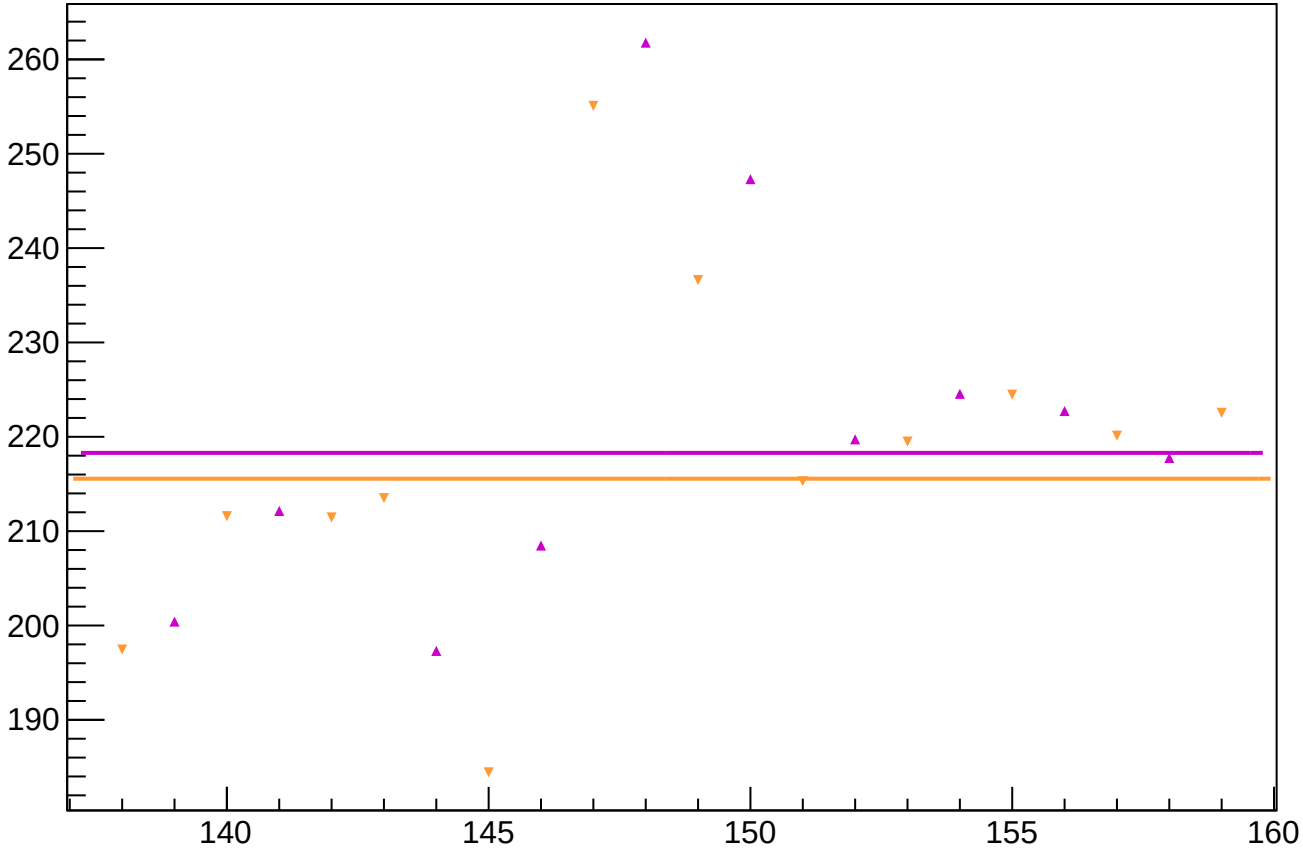
Left In: 285.157+/-76.209 χ^2/NDF:5.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.773+/-52.490 χ^2/NDF: 44.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 215.560+/-0.051 χ^2/NDF:111338.9/11

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

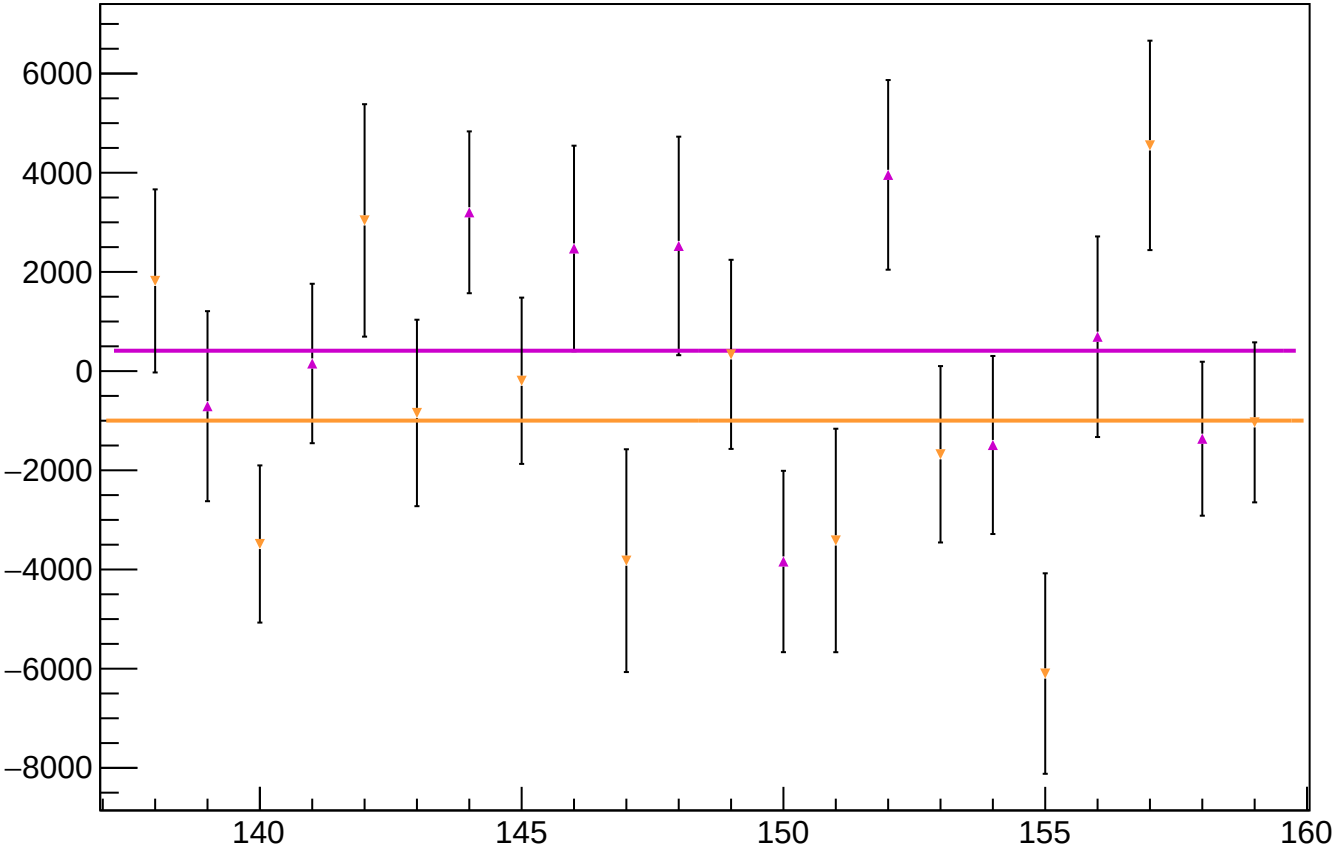
Left In: 218.295+/-0.054 χ^2/NDF:107560.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 216.858+/-0.037 χ^2/NDF: 220252.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -997.839+/-546.164 χ^2/NDF:24.6/11

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

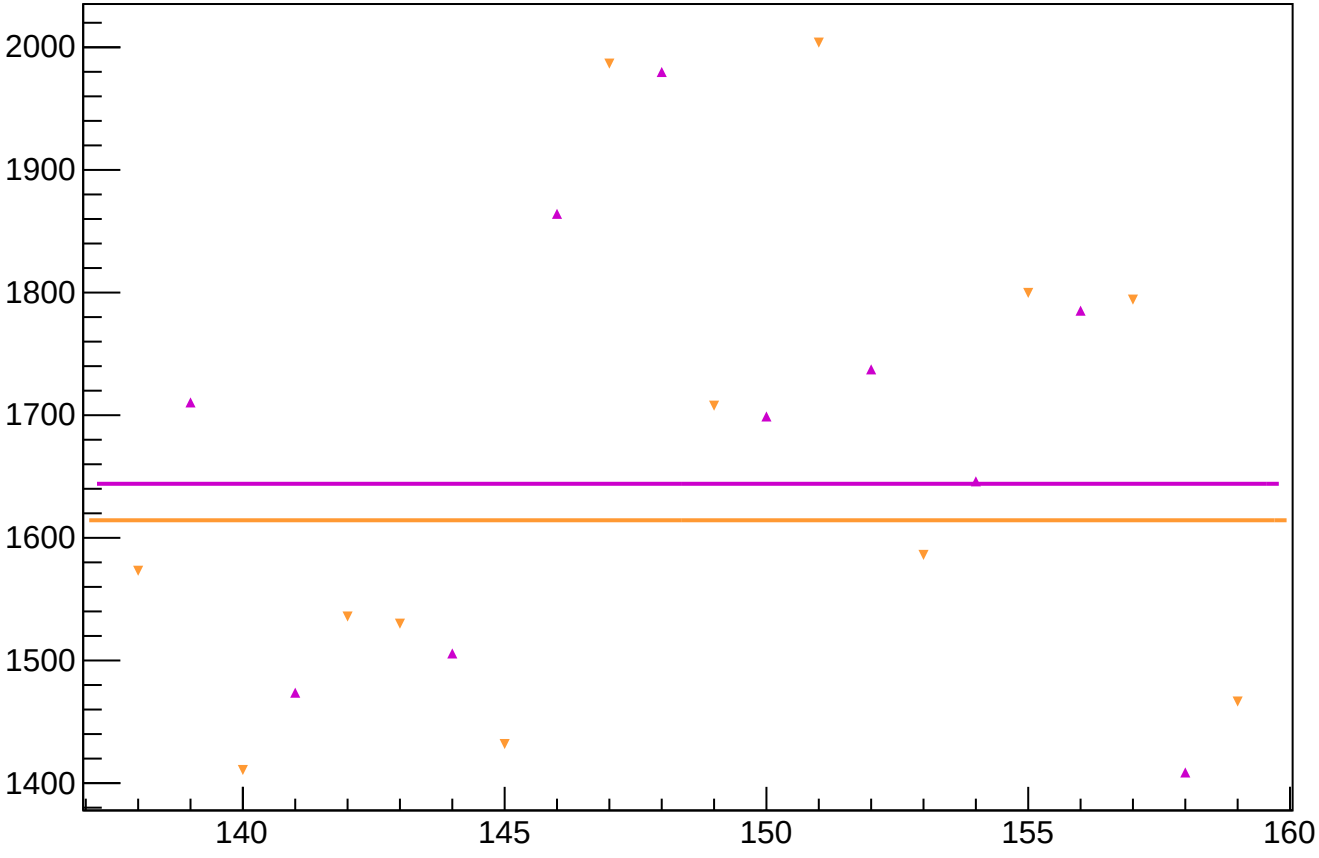
Left In: 411.222+/-575.769 χ^2/NDF:16.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -330.464+/-396.249 χ^2/NDF: 44.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_correction_rms vs Slug



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

Left Out: 1614.327+/-0.386 χ^2/NDF:232155.8/11

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

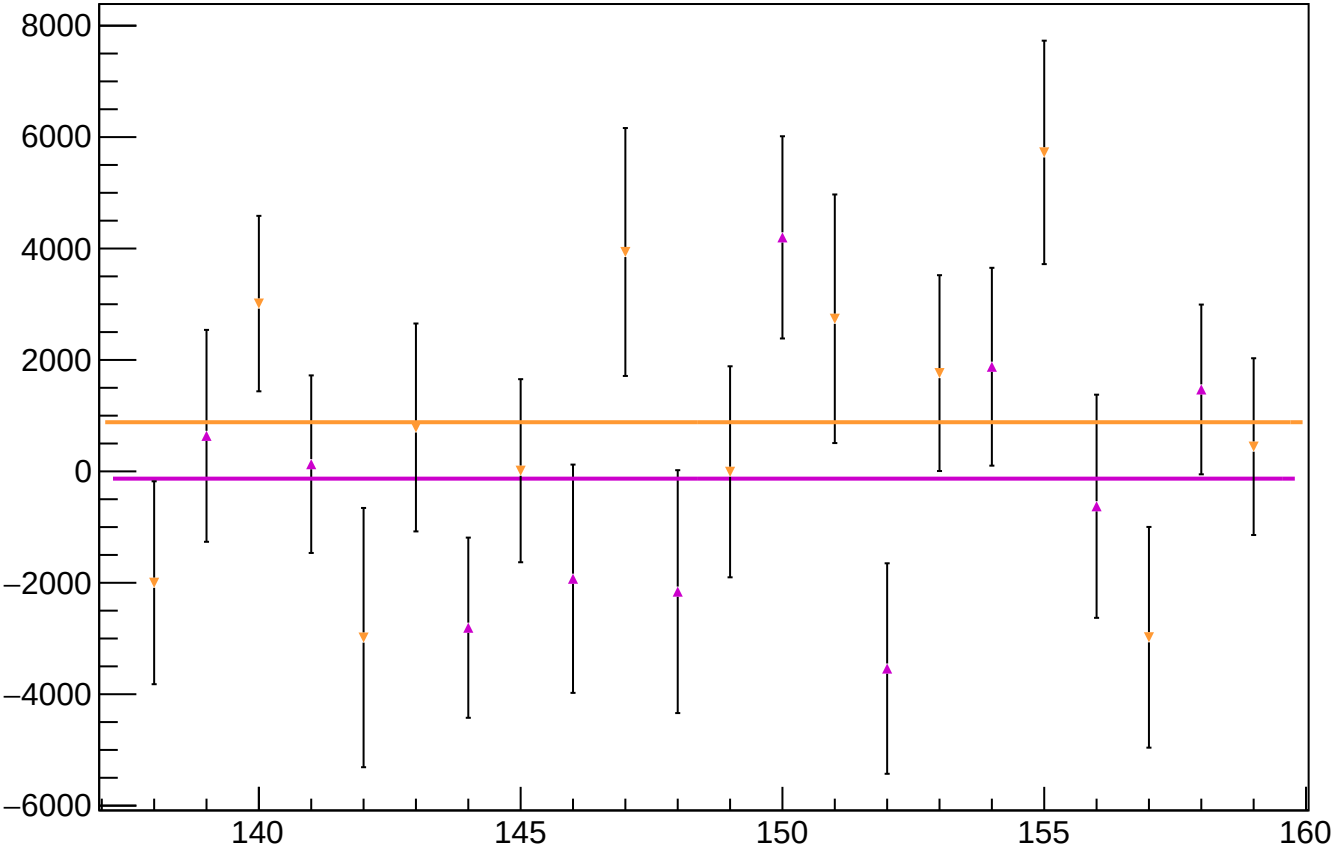
Left In: 1644.077+/-0.407 χ^2/NDF:170565.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1628.417+/-0.280 χ^2/NDF: 405531.8/21

- 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: 882.380+/-538.121 χ^2/NDF:20.1/11

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

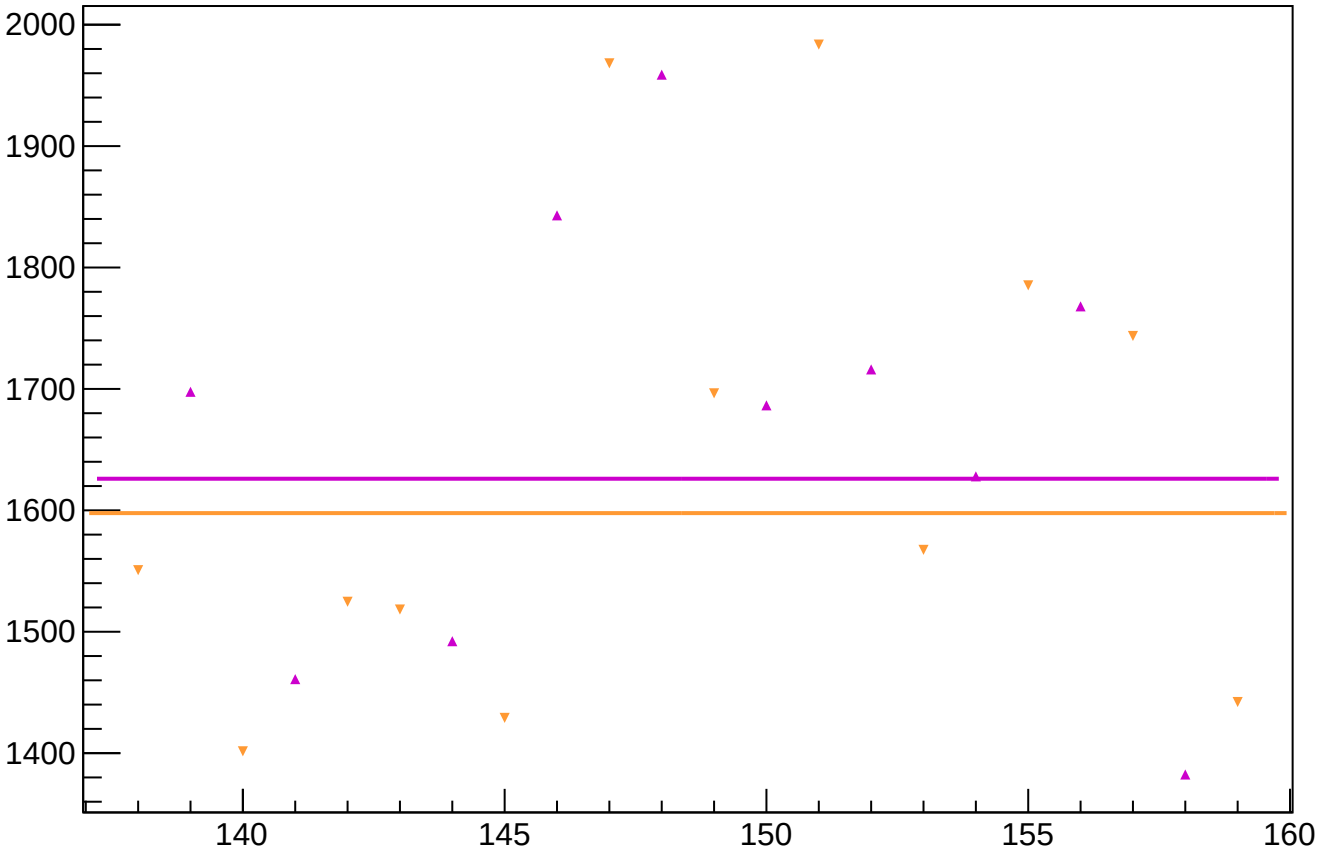
Left In: -130.480+/-569.585 χ^2/NDF:16.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 404.697+/-391.159 χ^2/NDF: 37.8/21

- 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: 1597.718+/-0.381 χ^2/NDF:227924.8/11

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

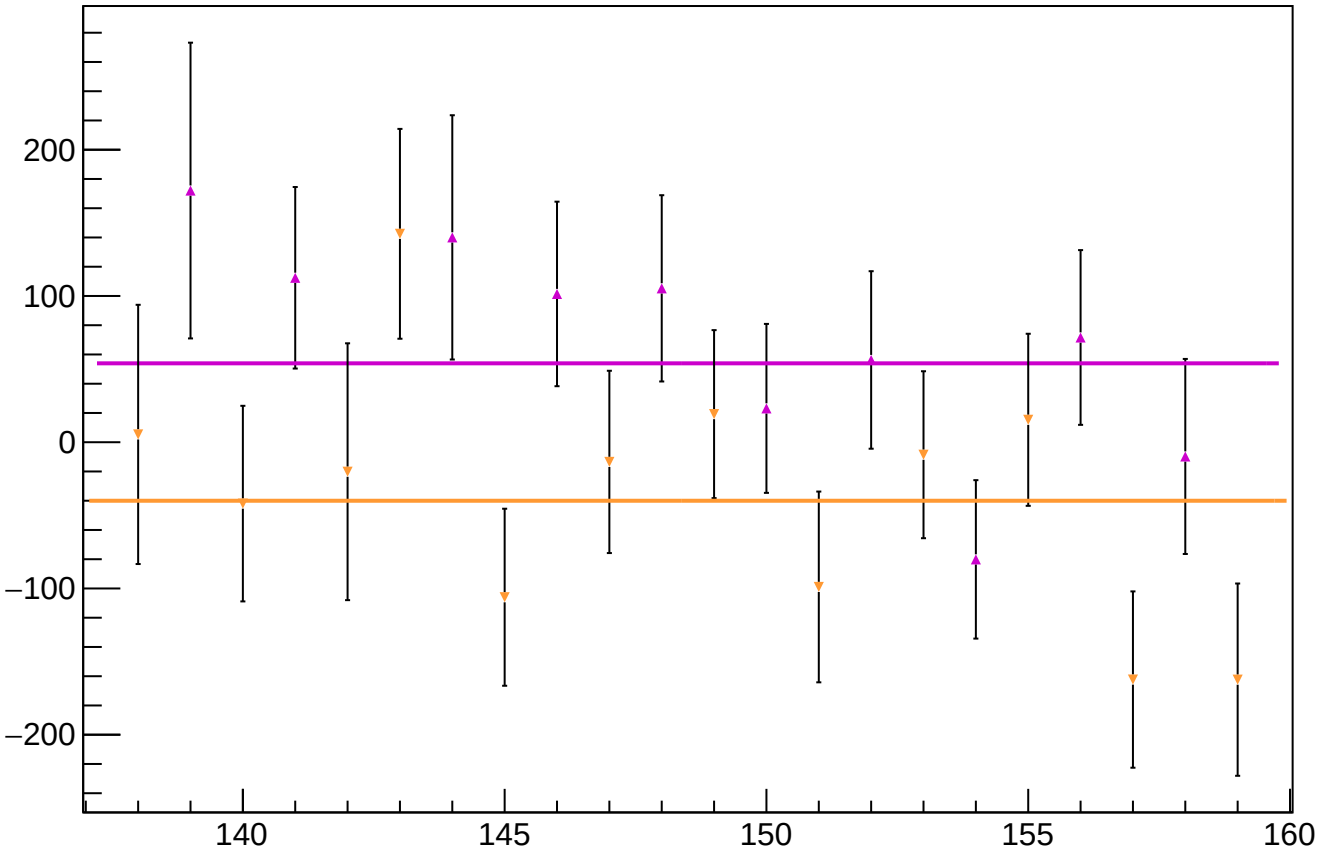
Left In: 1626.031+/-0.403 χ^2/NDF:174975.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1611.071+/-0.277 χ^2/NDF: 405511.4/21

- 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: -40.019+/-18.745 χ^2/NDF:18.8/11

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

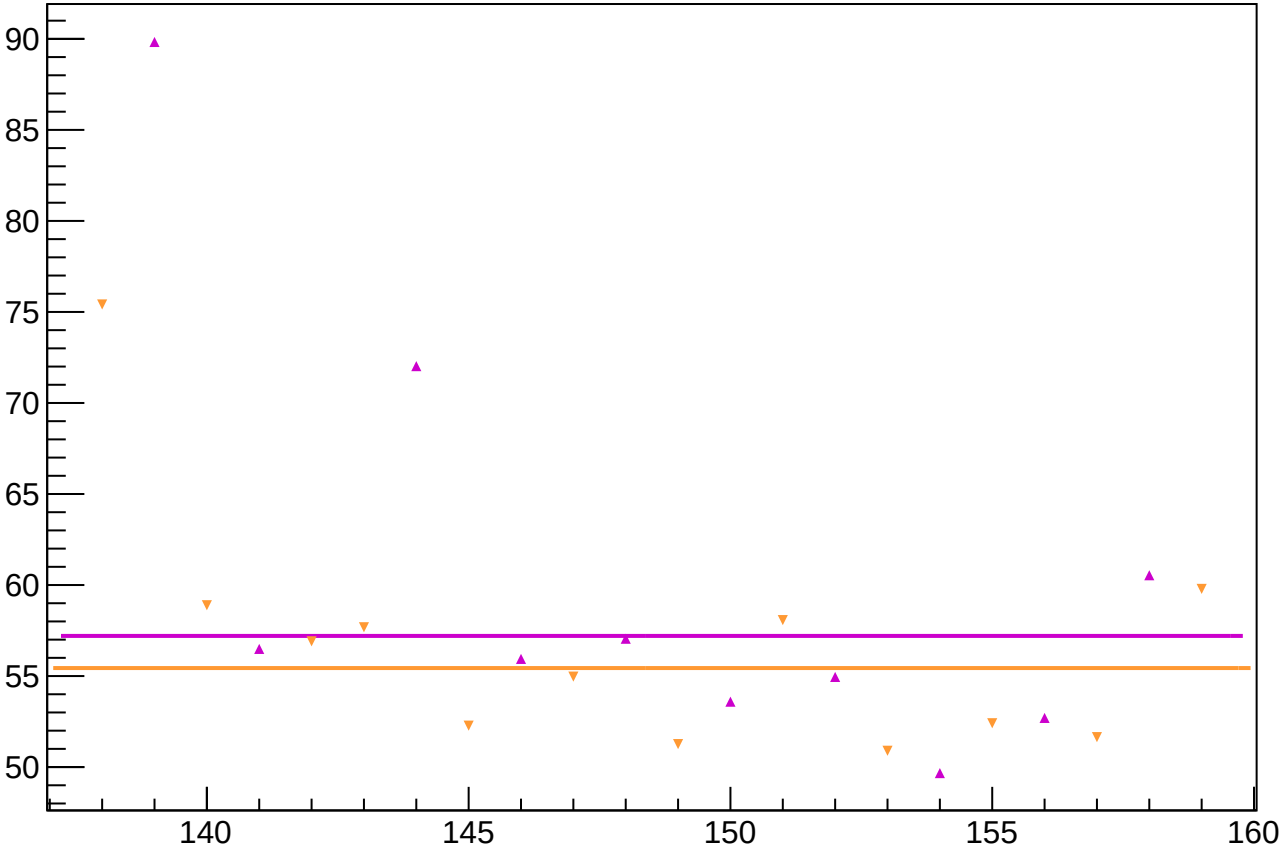
Left In: 53.943+/-20.346 χ^2/NDF:11.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.119+/-13.786 χ^2/NDF: 42.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 55.439+/-0.013 χ^2/NDF:163475.3/11

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

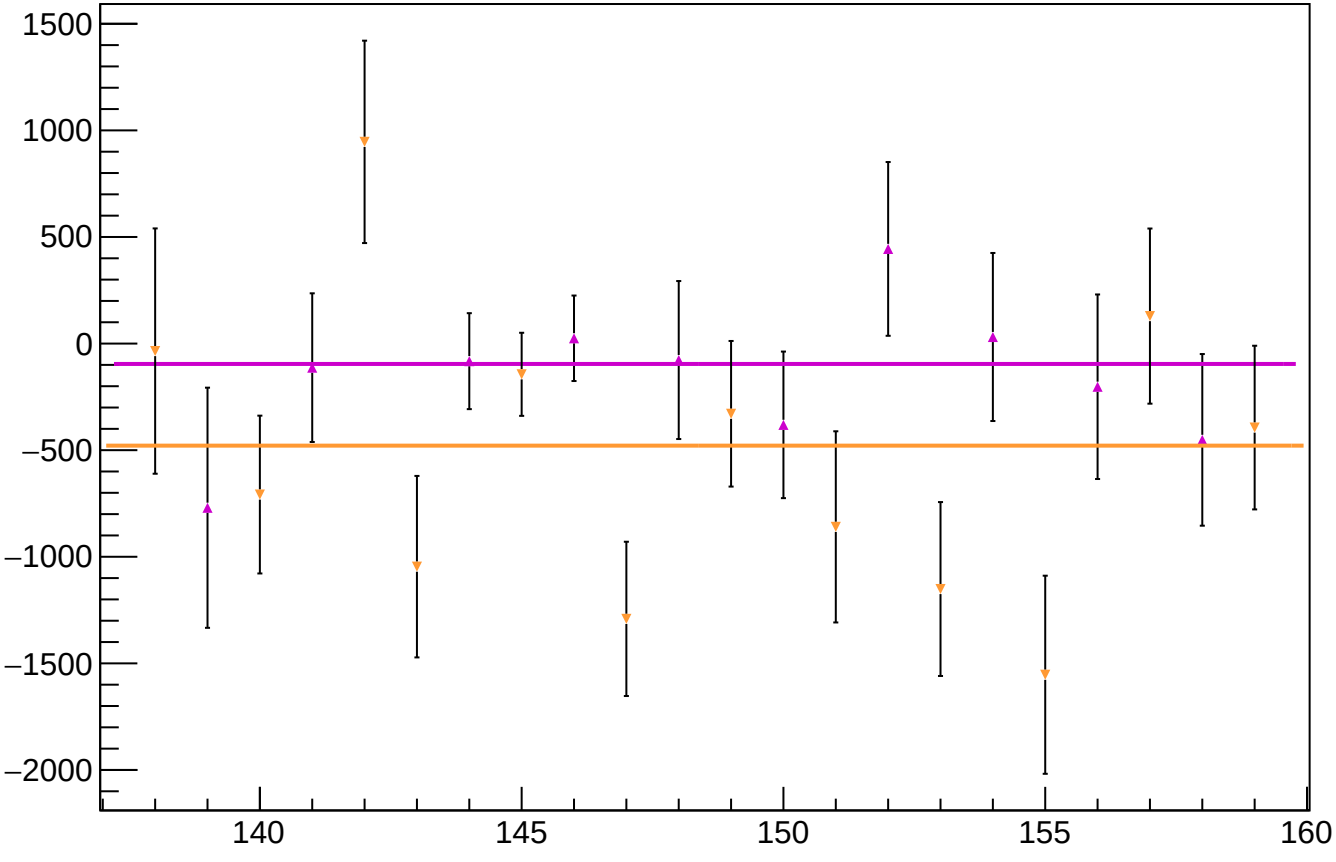
Left In: 57.205+/-0.014 χ^2/NDF:337900.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 56.250+/-0.010 χ^2/NDF: 509521.8/21

- 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: -478.723+/-104.736 χ^2/NDF:31.0/11

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

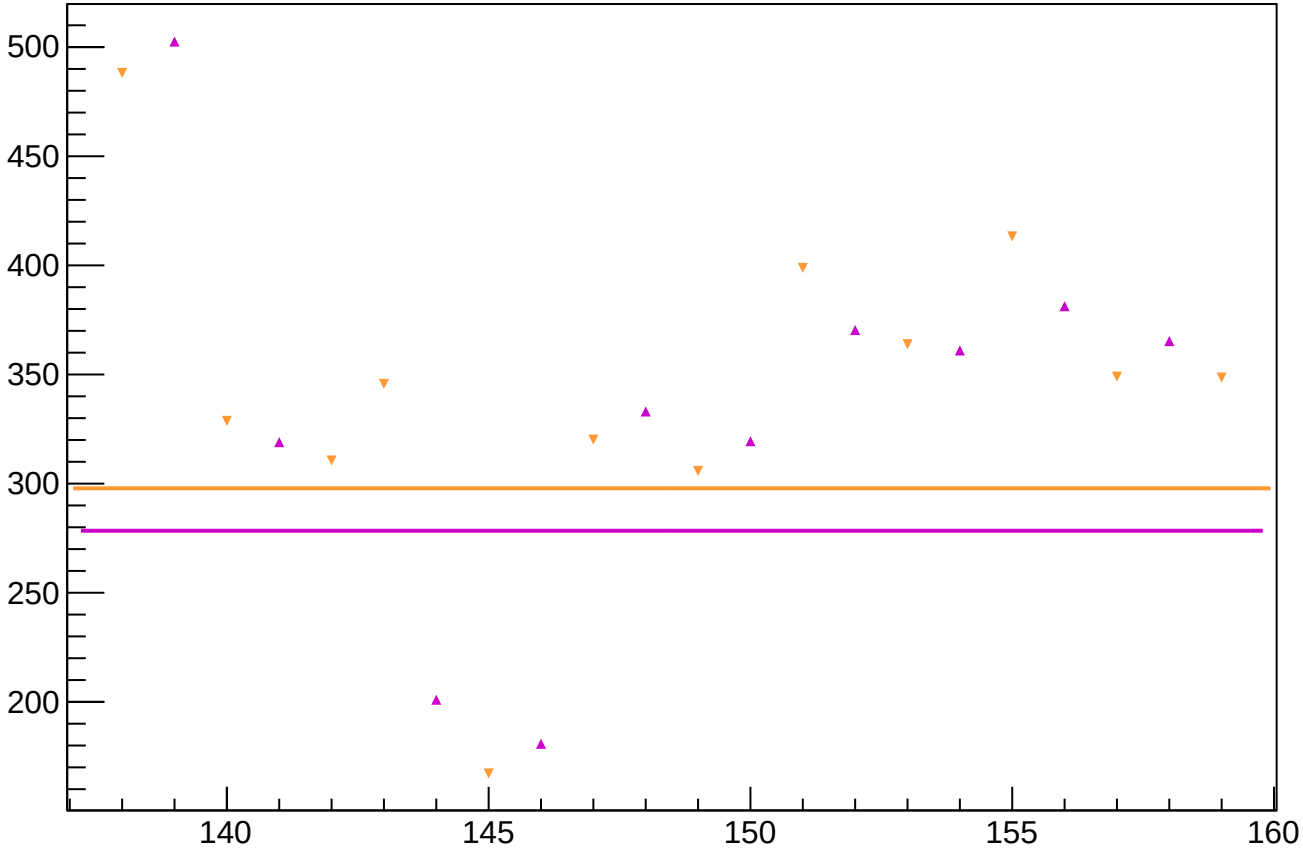
Left In: -95.597+/-102.215 χ^2/NDF:5.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -282.494+/-73.152 χ^2/NDF: 43.0/21

- 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: 297.849+/-0.074 χ^2/NDF:1510753.8/11

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

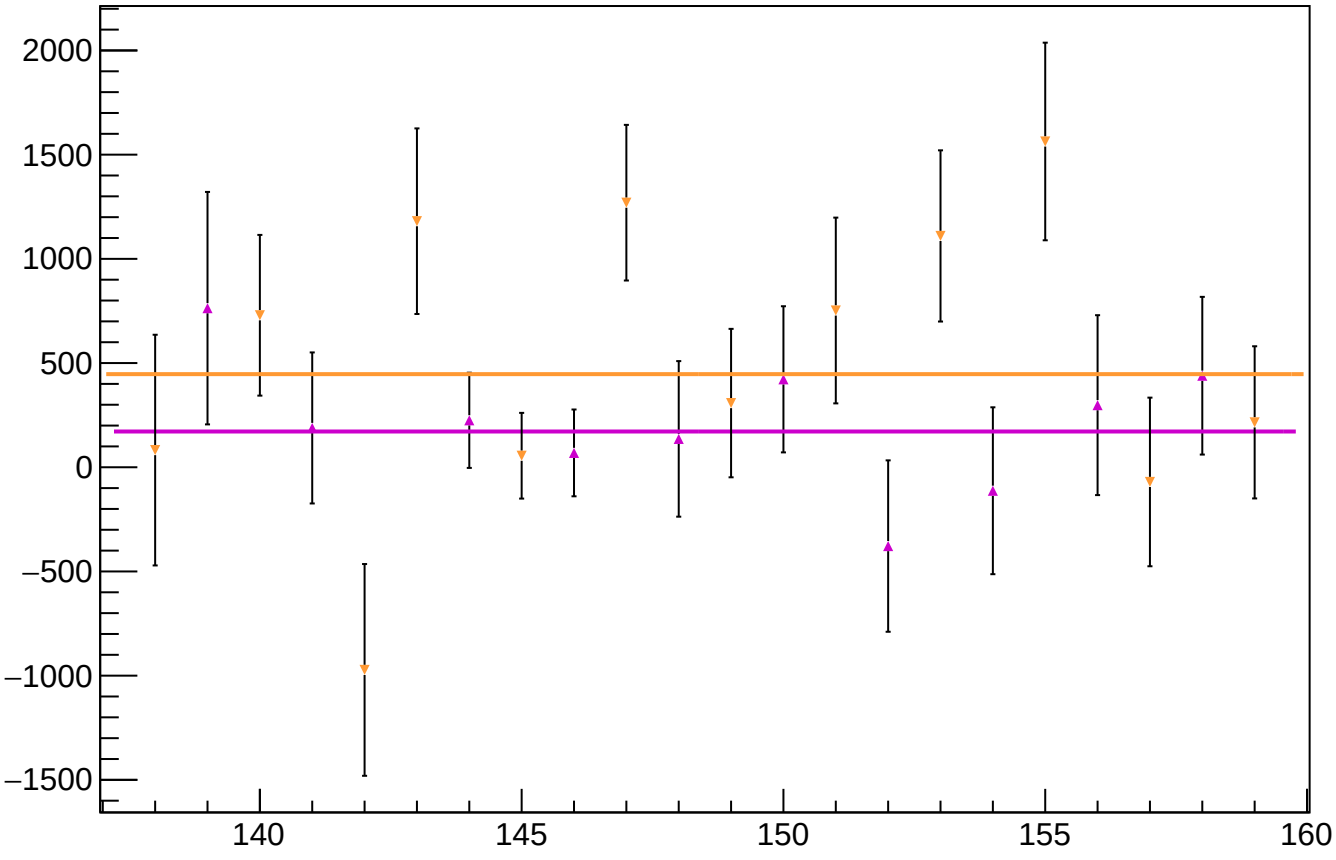
Left In: 278.415+/-0.072 χ^2/NDF:1522584.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 287.895+/-0.052 χ^2/NDF: 3068606.3/21

- 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: 446.818+/-107.445 χ^2/NDF:30.8/11

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

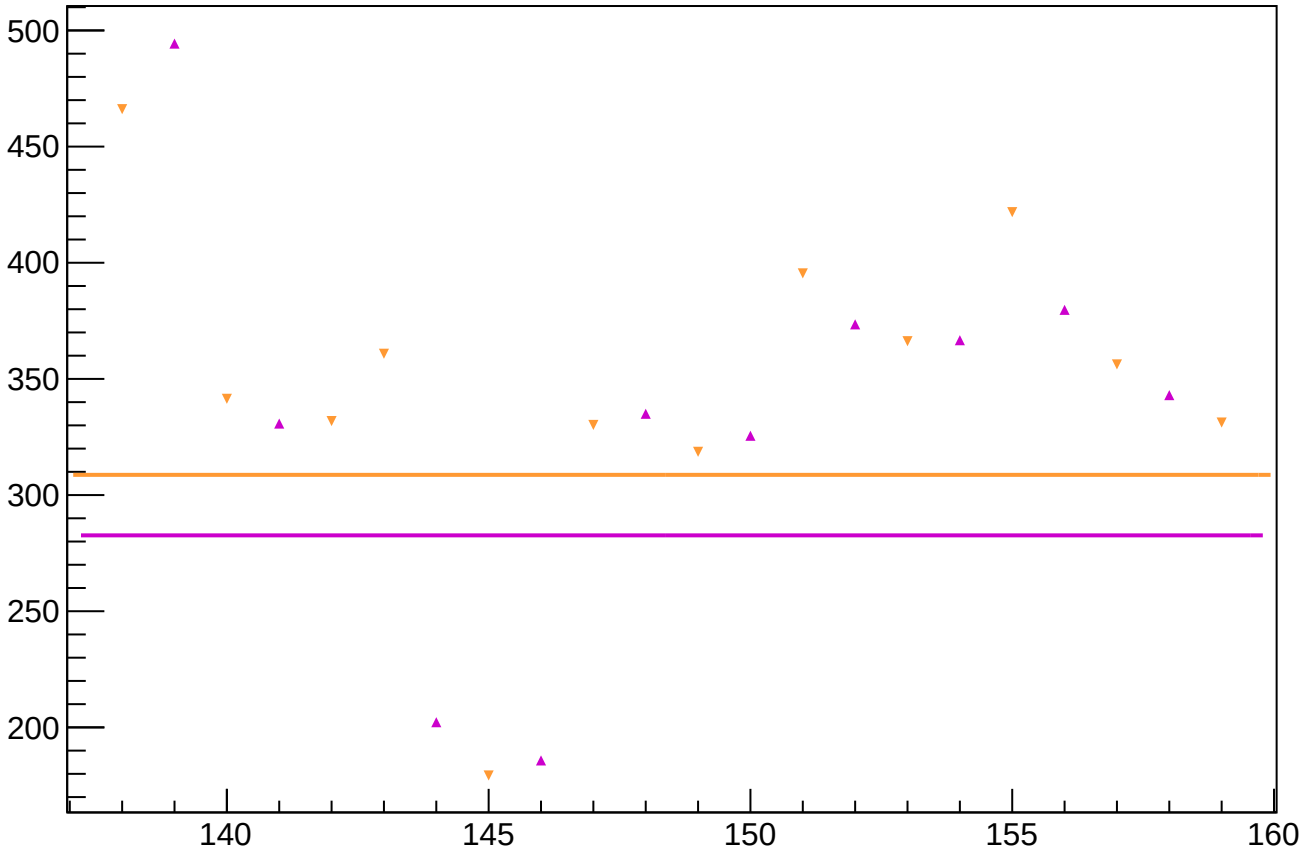
Left In: 171.576+/-103.774 χ^2/NDF:4.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 304.414+/-74.643 χ^2/NDF: 39.0/21

- 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: 308.703+/-0.076 χ^2/NDF:1271450.2/11

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

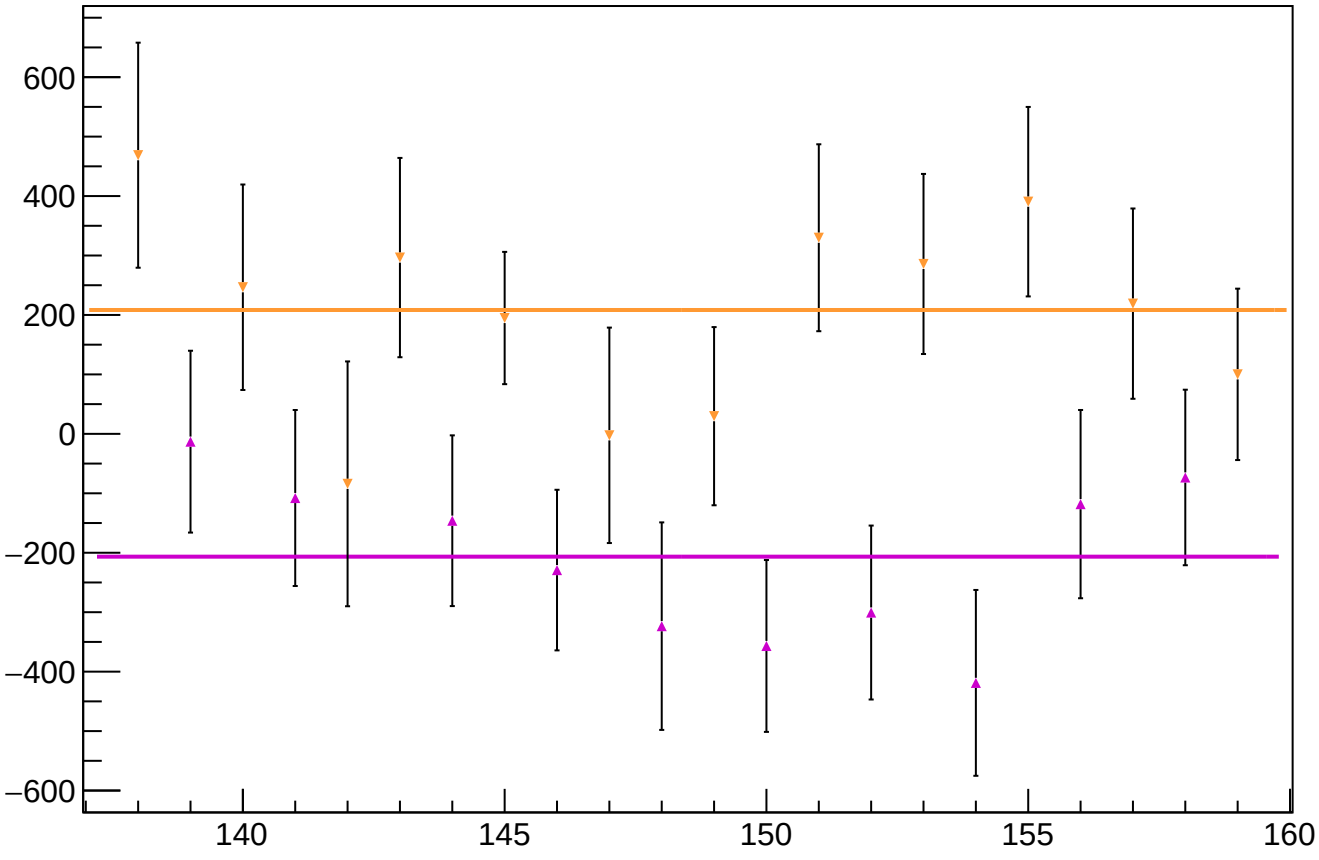
Left In: 282.658+/-0.073 χ^2/NDF:1410919.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 295.228+/-0.053 χ^2/NDF: 2743171.7/21

- 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: 208.345+/-45.318 χ^2/NDF:9.8/11

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

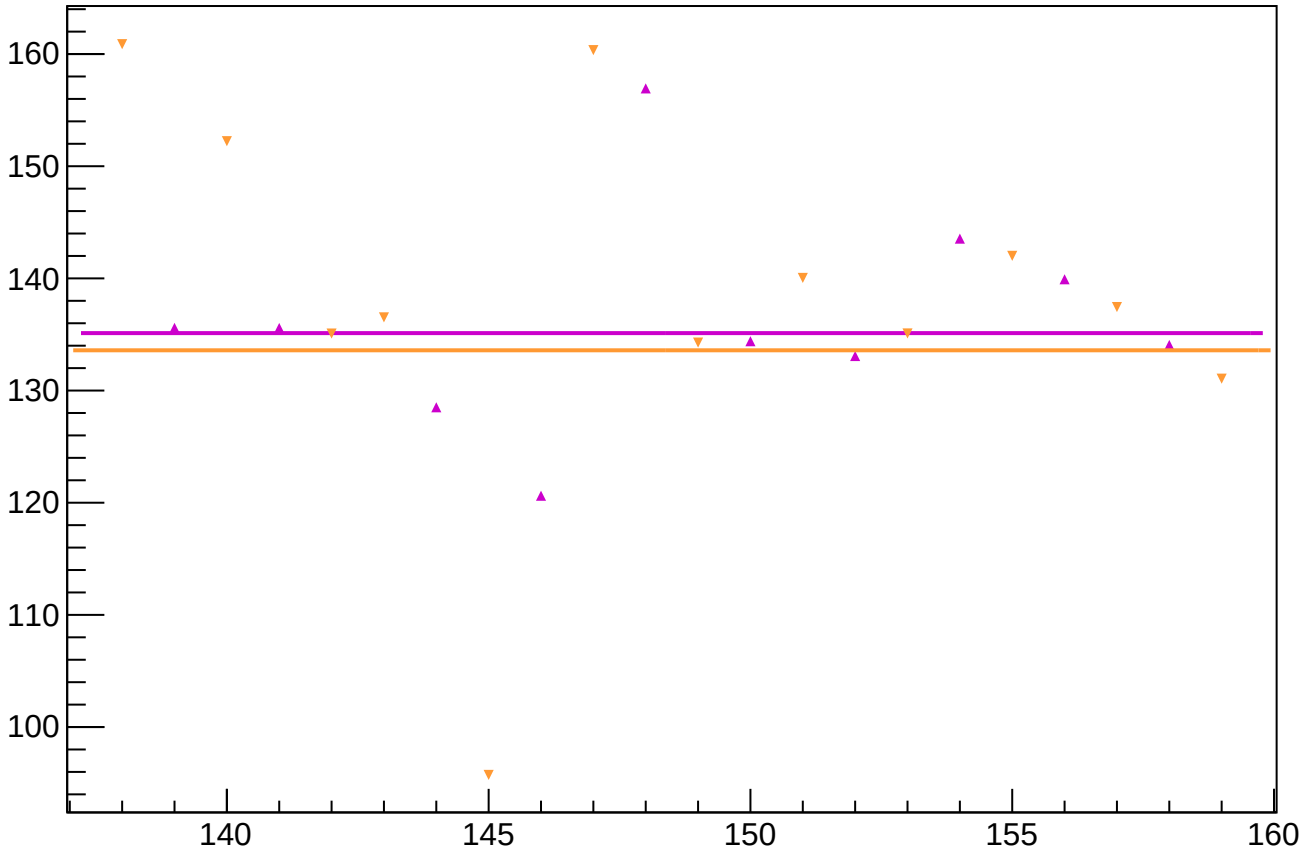
Left In: -206.586+/-47.362 χ^2/NDF:7.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.023+/-32.744 χ^2/NDF: 57.0/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 133.589+/-0.032 χ^2/NDF:351717.6/11

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

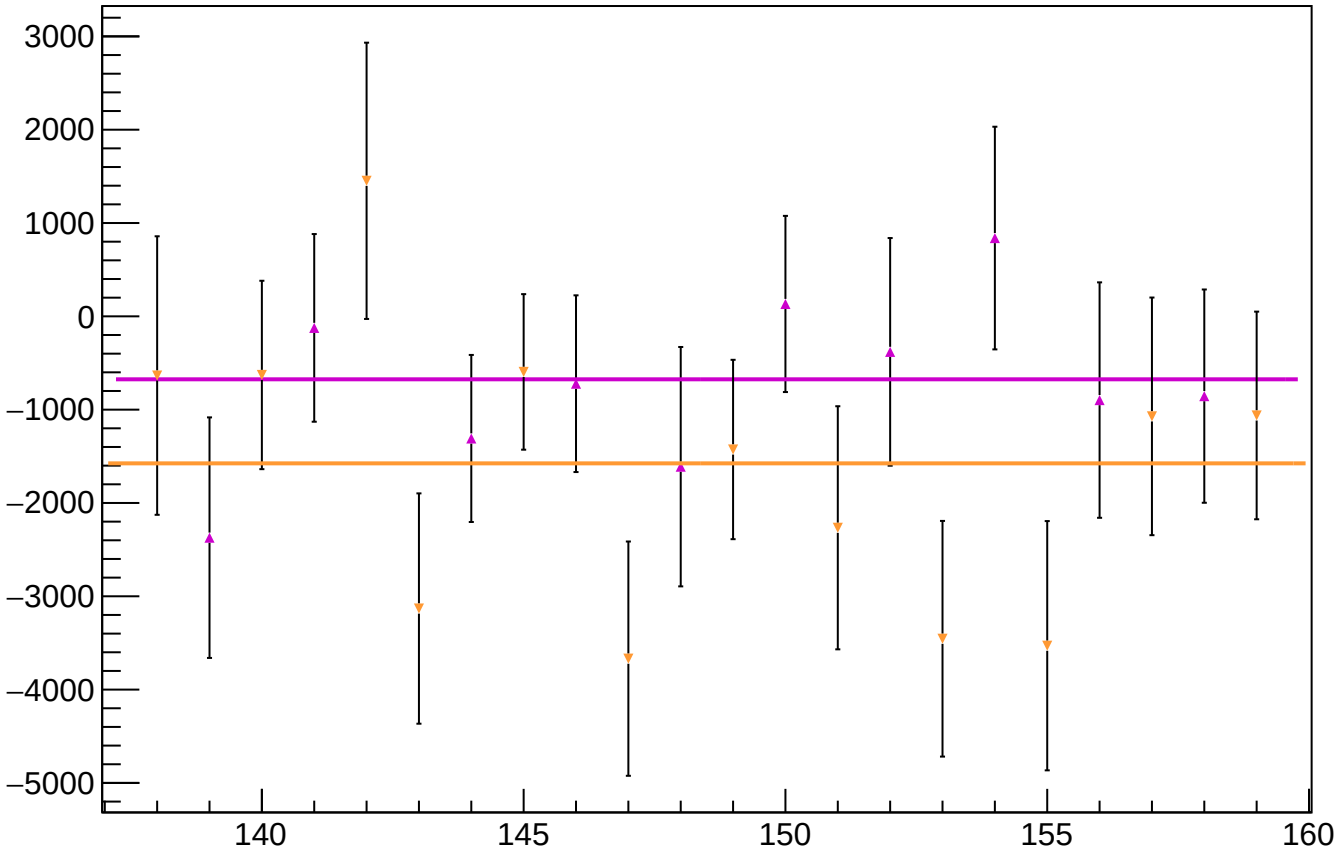
Left In: 135.121+/-0.033 χ^2/NDF:66758.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 134.321+/-0.023 χ^2/NDF: 419568.6/21

- 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: -1575.501+/-335.161 χ^2/NDF:16.2/11

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

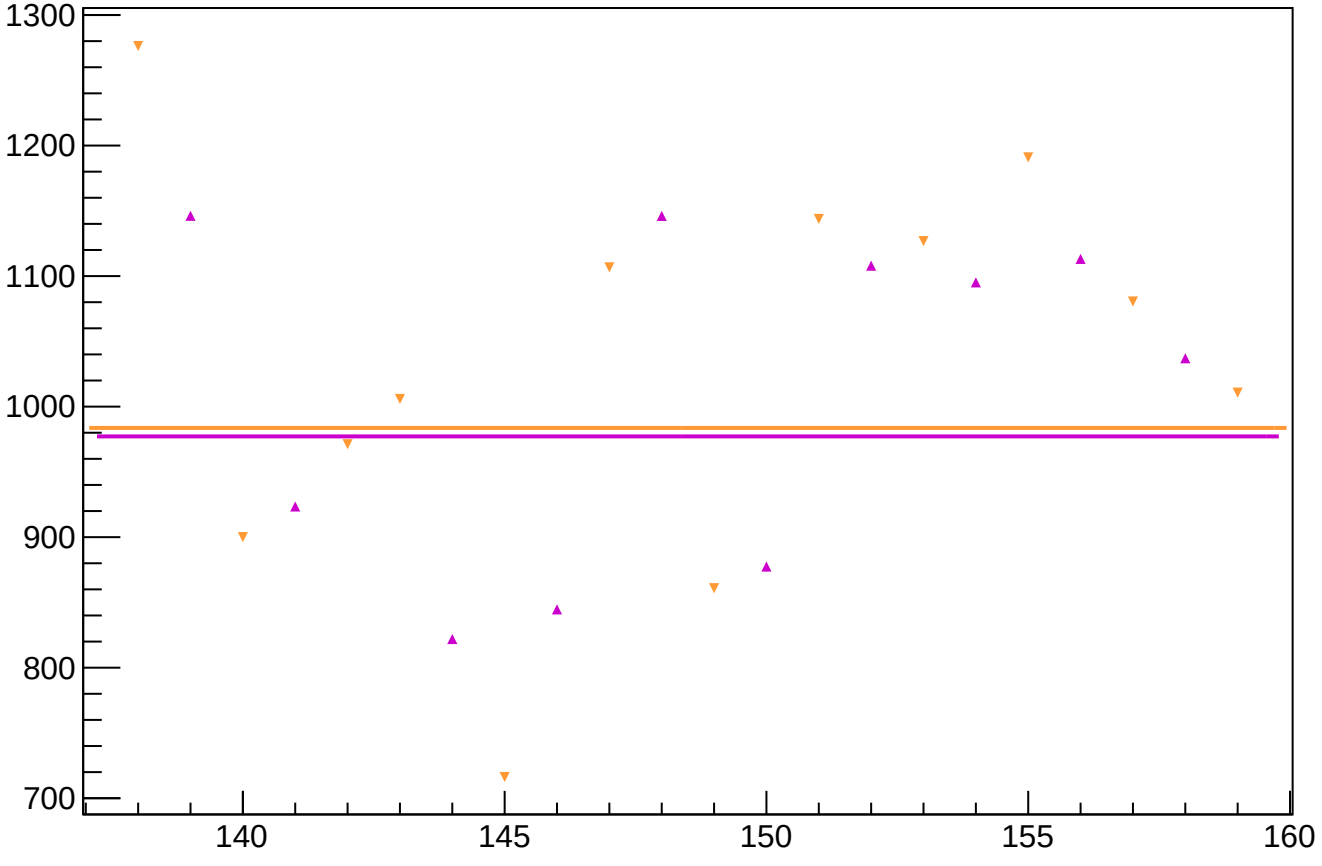
Left In: -674.867+/-343.948 χ^2/NDF:5.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1136.836+/-240.041 χ^2/NDF: 25.3/21

- 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: 983.689+/-0.237 χ^2/NDF:466016.5/11

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

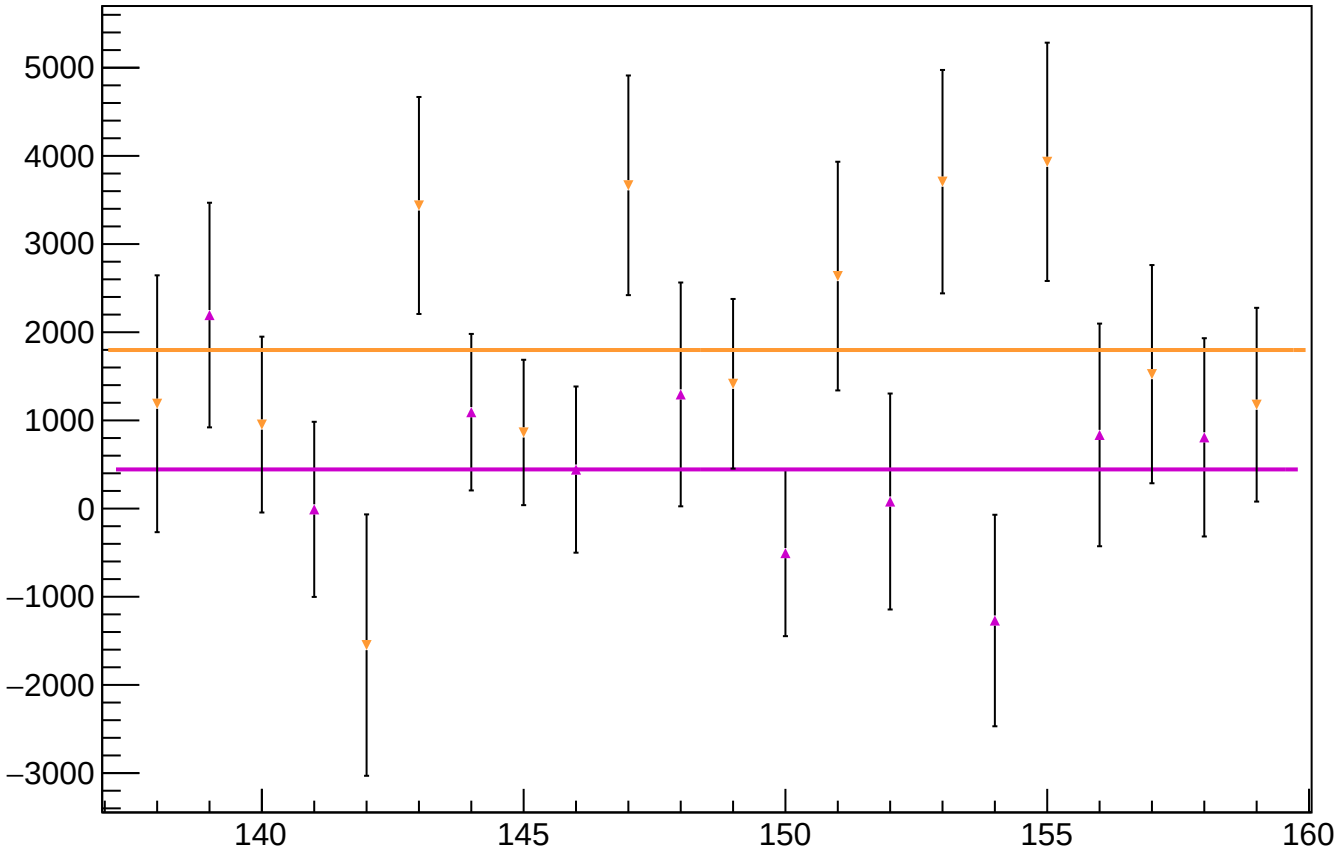
Left In: 977.186+/-0.243 χ^2/NDF:267683.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 980.521+/-0.170 χ^2/NDF: 734067.1/21

- 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: 1798.355+/-332.684 χ^2/NDF:17.0/11

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

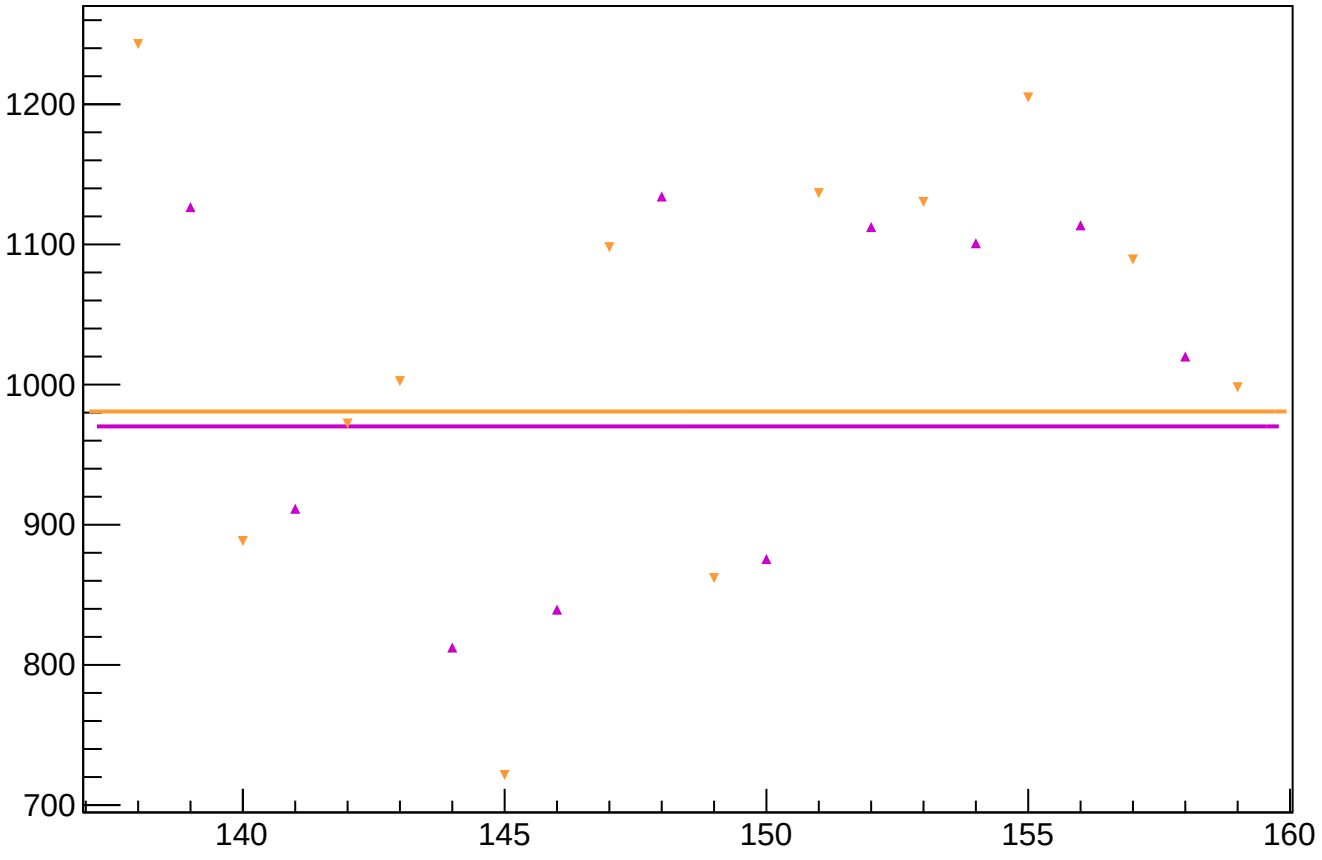
Left In: 444.079+/-341.934 χ^2/NDF:6.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1139.781+/-238.446 χ^2/NDF: 31.5/21

- 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: 980.814+/-0.235 χ^2/NDF:456360.5/11

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

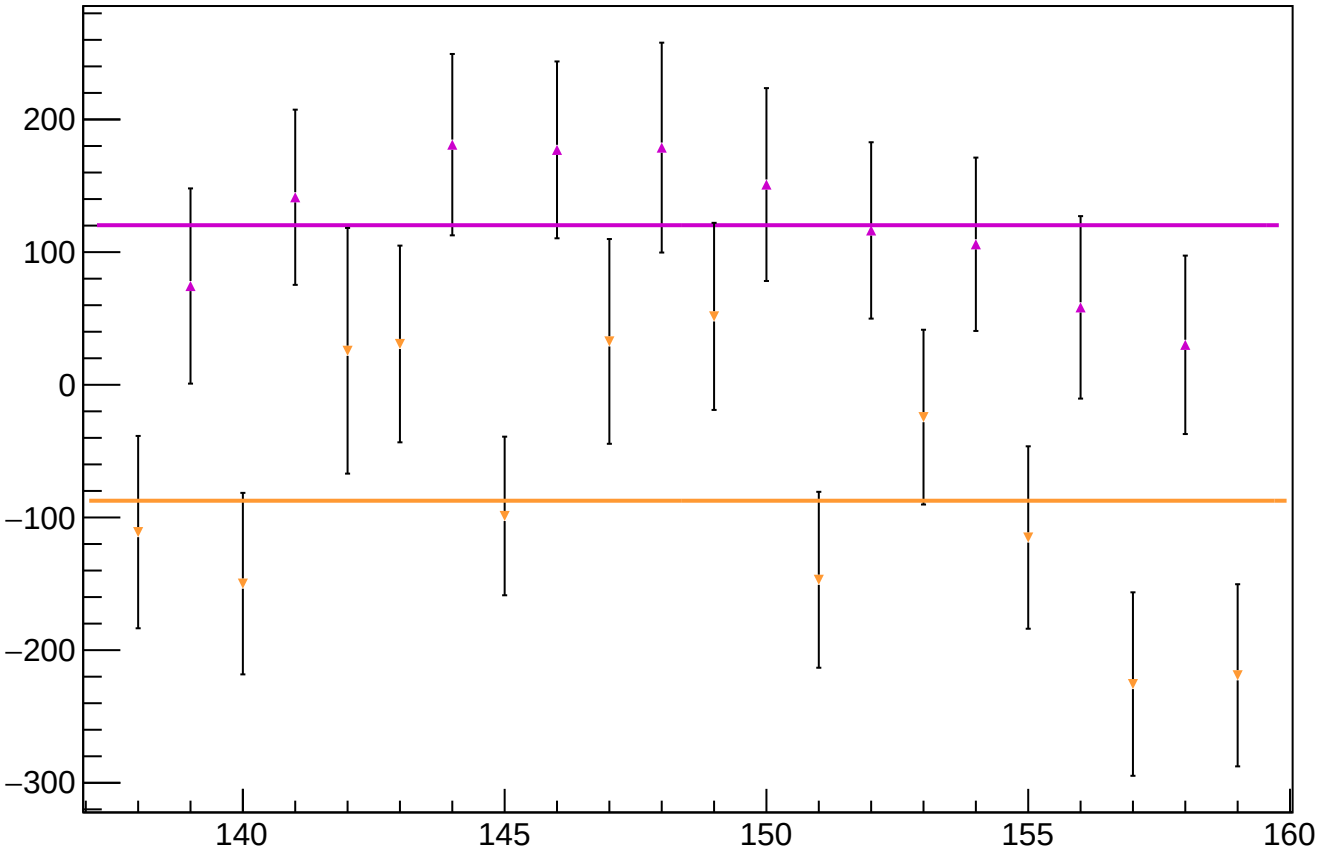
Left In: 970.168+/-0.242 χ^2/NDF:272867.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 975.637+/-0.169 χ^2/NDF: 730224.3/21

- 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: -87.375+/-20.234 χ^2/NDF:20.9/11

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

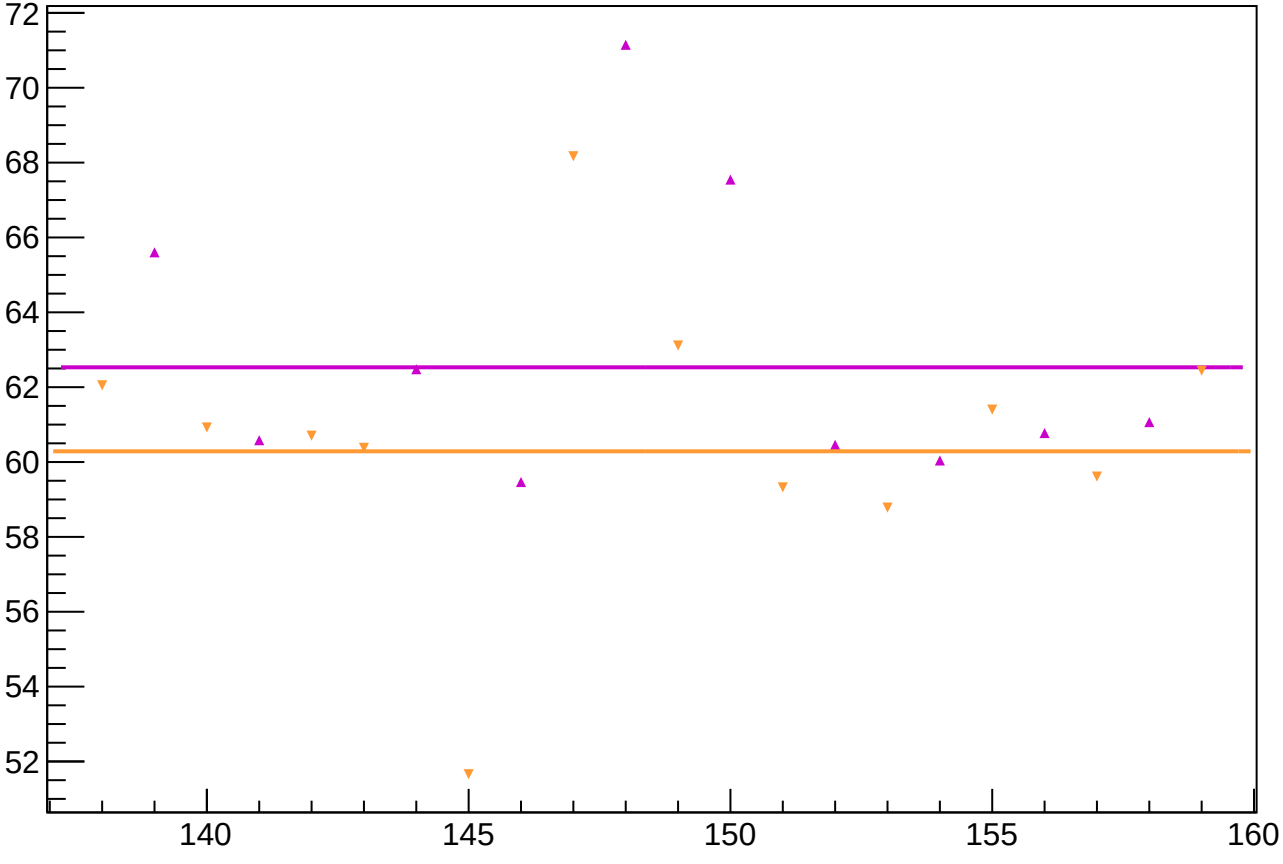
Left In: 120.295+/-21.845 χ^2/NDF:5.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.524+/-14.844 χ^2/NDF: 74.9/21

- 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: 60.287+/-0.014 χ^2/NDF:71295.8/11

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

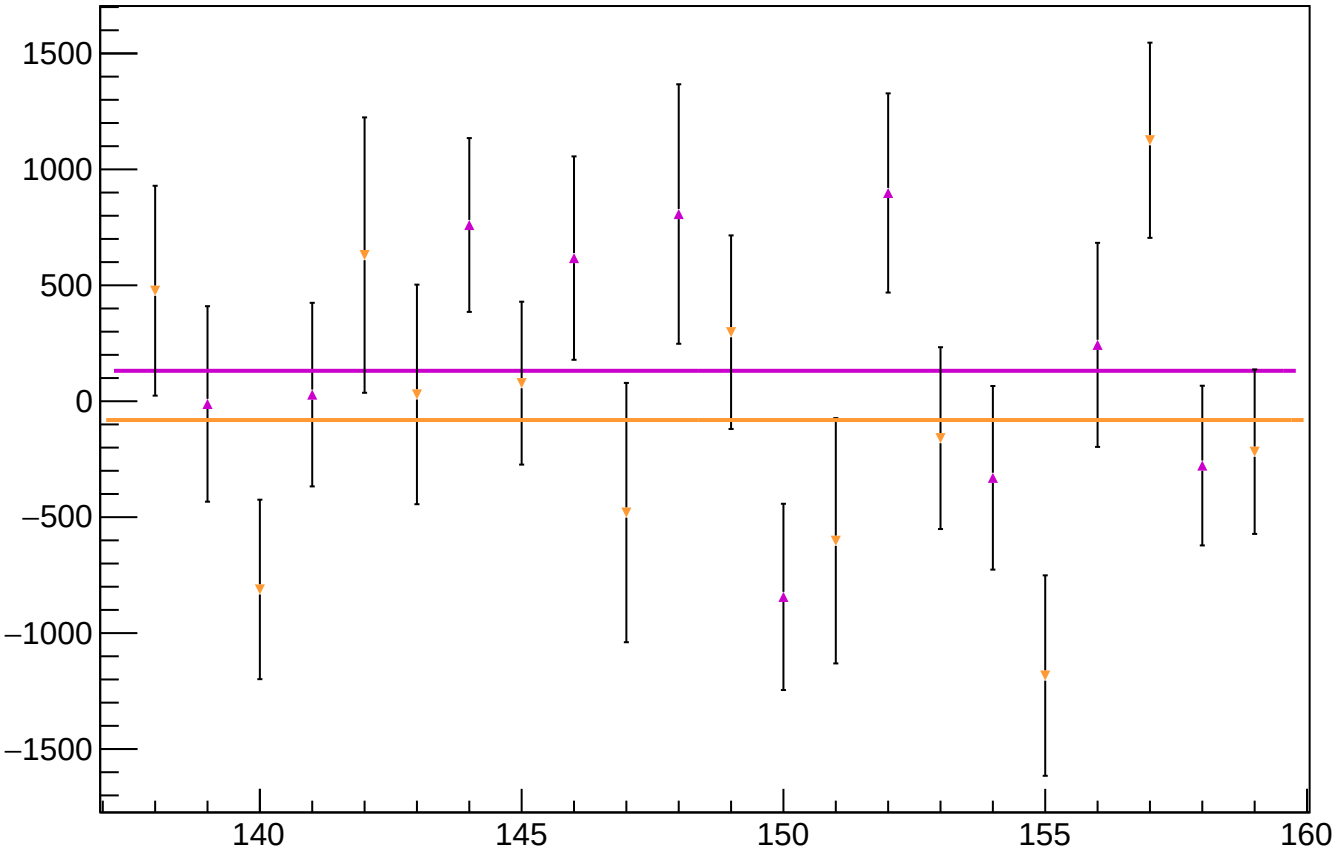
Left In: 62.531+/-0.015 χ^2/NDF:49819.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.323+/-0.010 χ^2/NDF: 132475.3/21

- 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: -81.062+/-124.115 χ^2/NDF:24.0/11

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

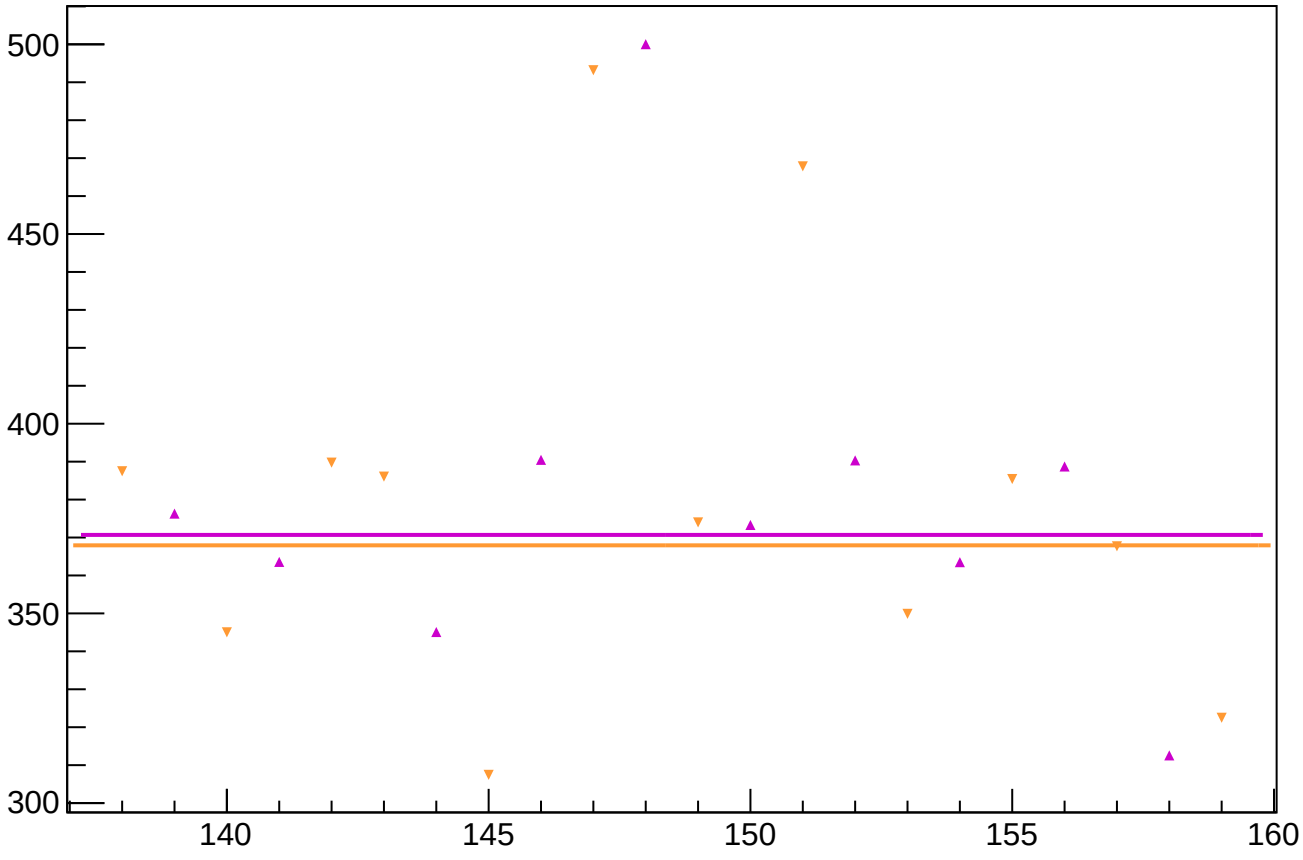
Left In: 131.254+/-130.069 χ^2/NDF:17.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.125+/-89.794 χ^2/NDF: 43.0/21

- 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: 367.941+/-0.088 χ^2/NDF:288077.5/11

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

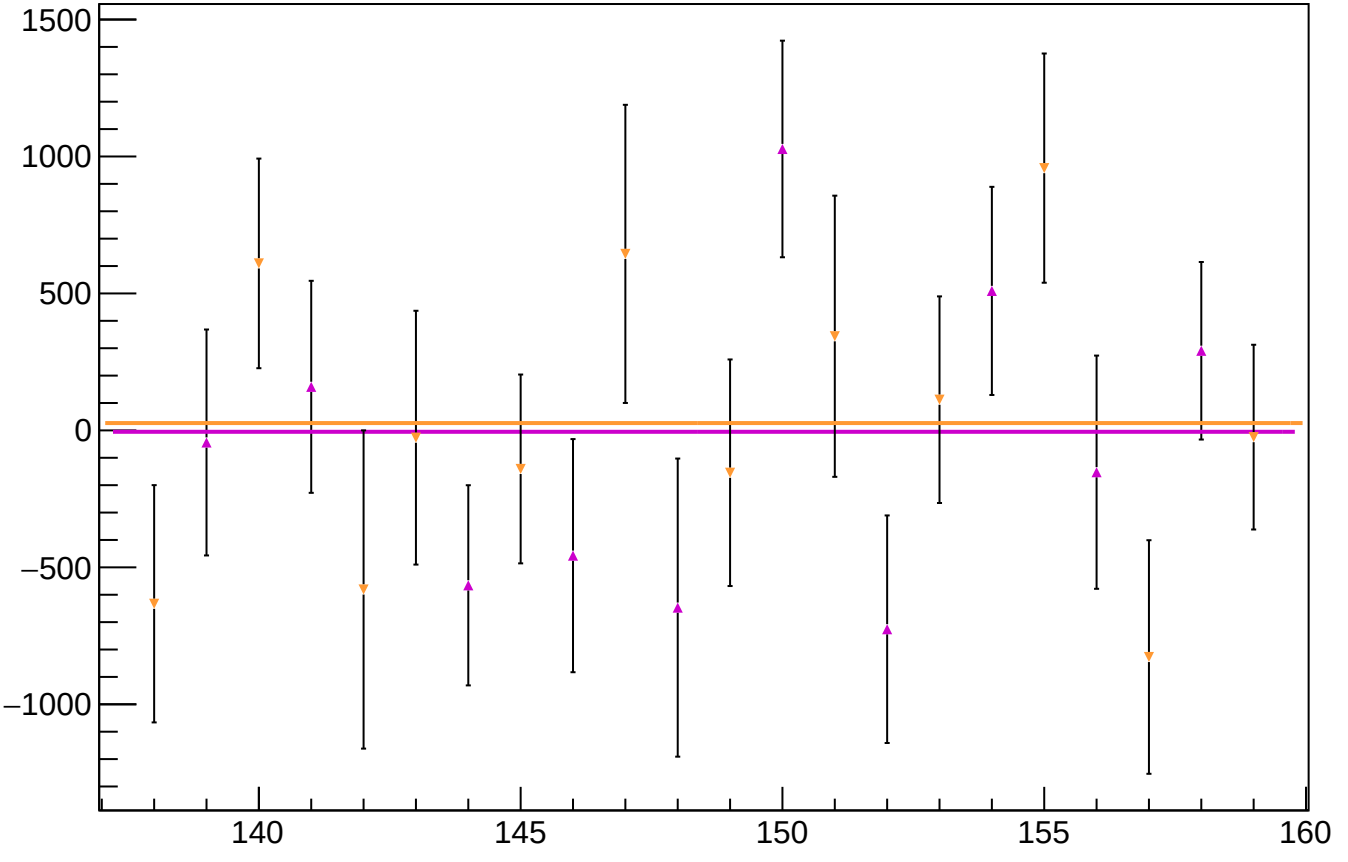
Left In: 370.688+/-0.092 χ^2/NDF:186504.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 369.250+/-0.063 χ^2/NDF: 475049.0/21

- 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: 26.783+/-121.044 χ^2/NDF:16.9/11

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

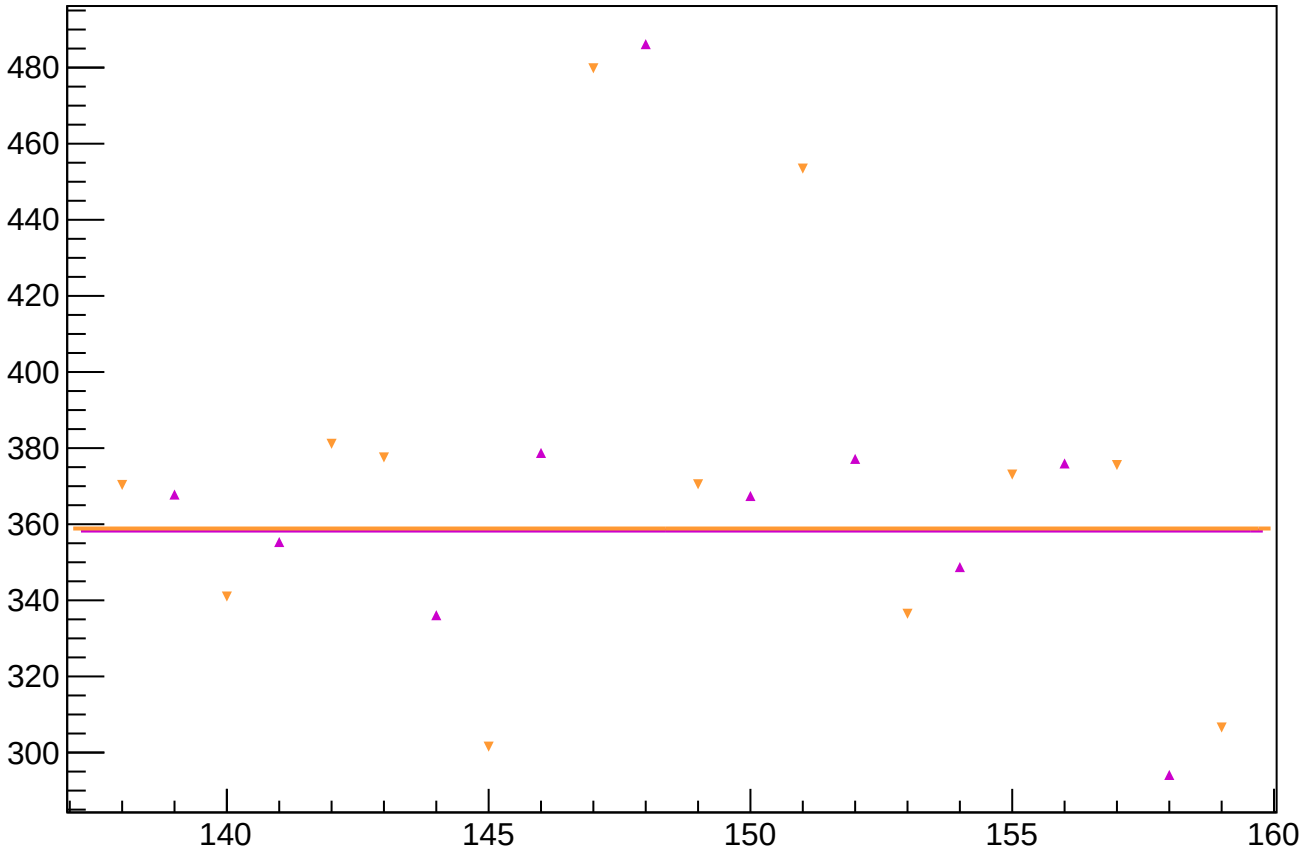
Left In: -5.123+/-125.887 χ^2/NDF:17.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.456+/-87.253 χ^2/NDF: 34.6/21

- 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: 358.873+/-0.086 χ^2/NDF:296018.9/11

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

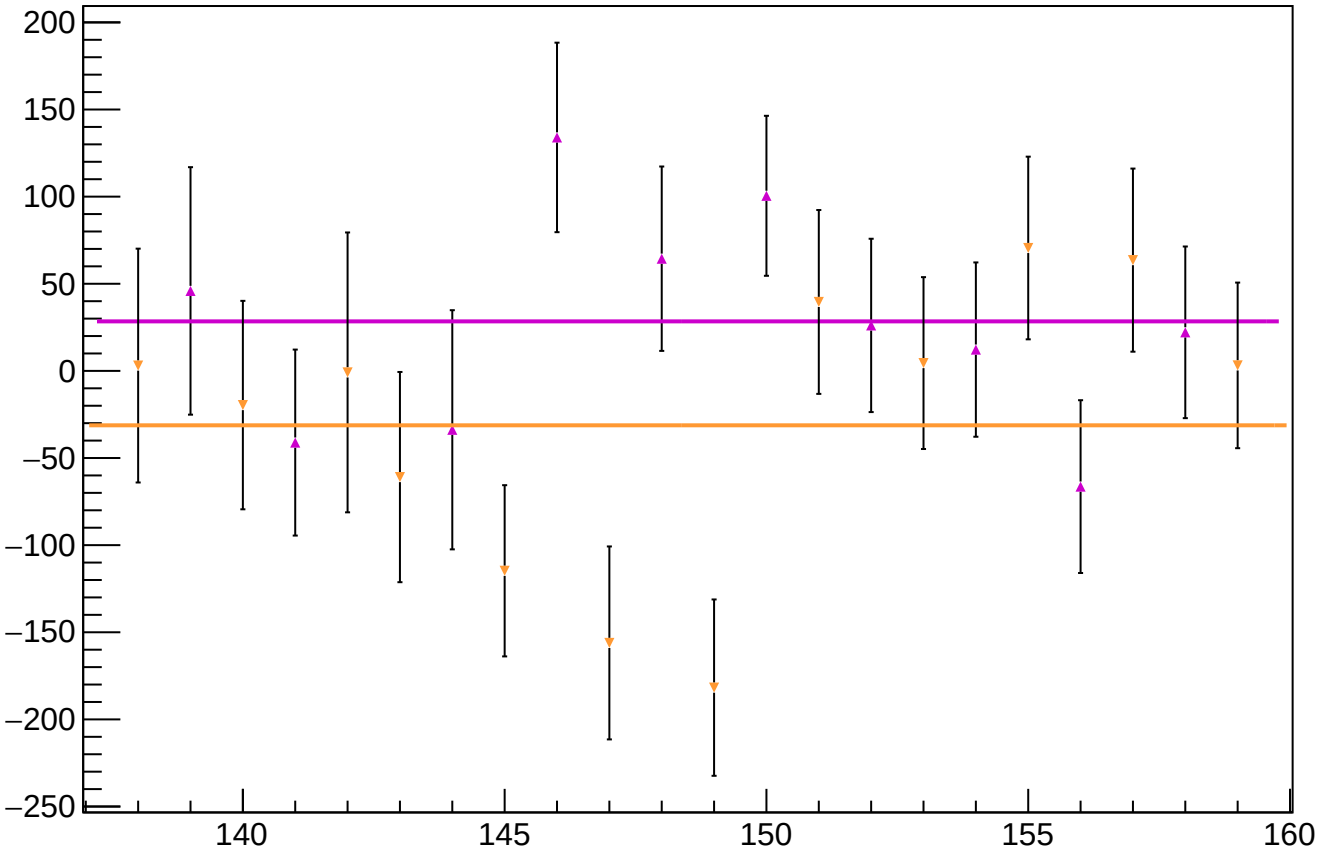
Left In: 358.336+/-0.089 χ^2/NDF:211932.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 358.615+/-0.062 χ^2/NDF: 507970.5/21

- 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: -31.229+/-15.807 χ^2/NDF:27.4/11

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

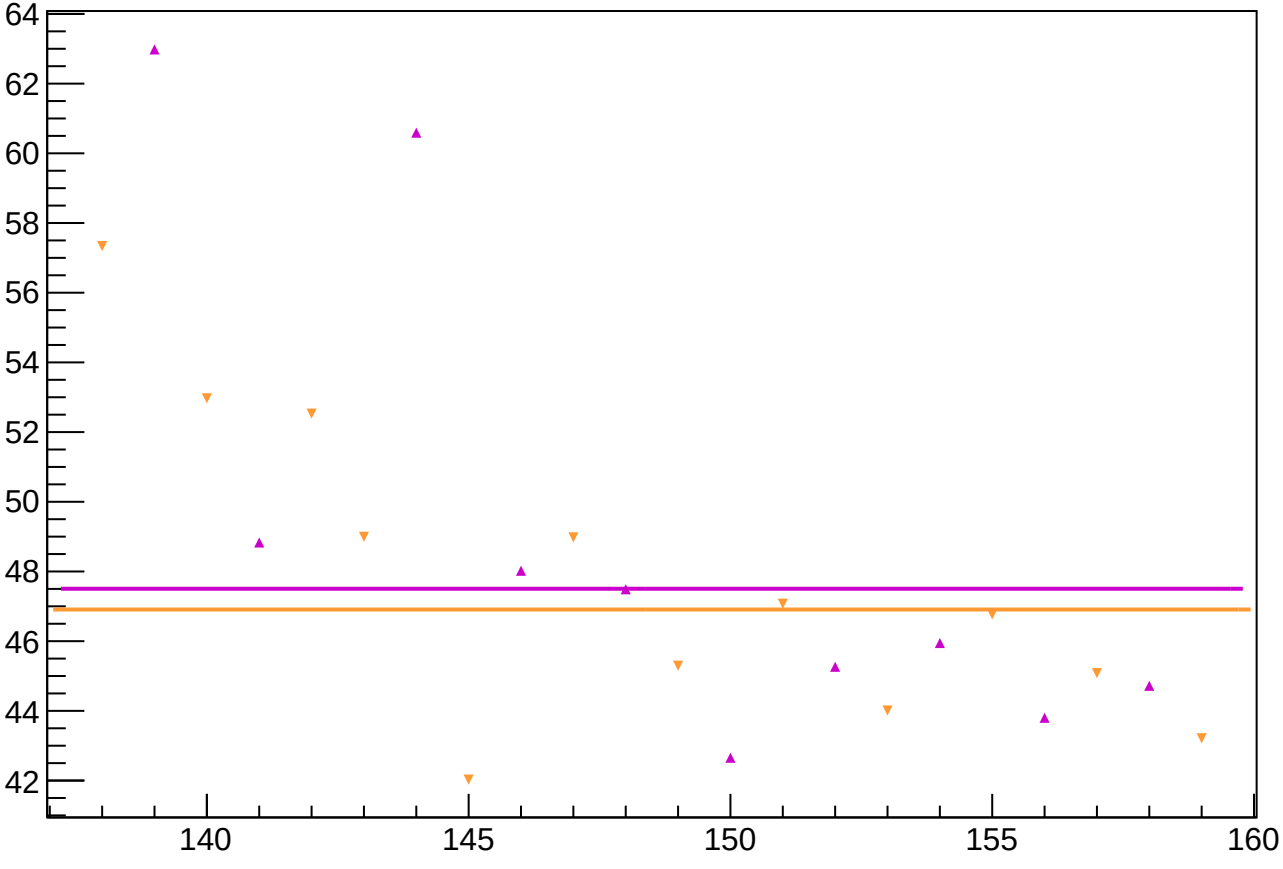
Left In: 28.417+/-16.772 χ^2/NDF:13.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.172+/-11.503 χ^2/NDF: 47.1/21

- 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: 46.908+/-0.011 χ^2/NDF:127074.0/11

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

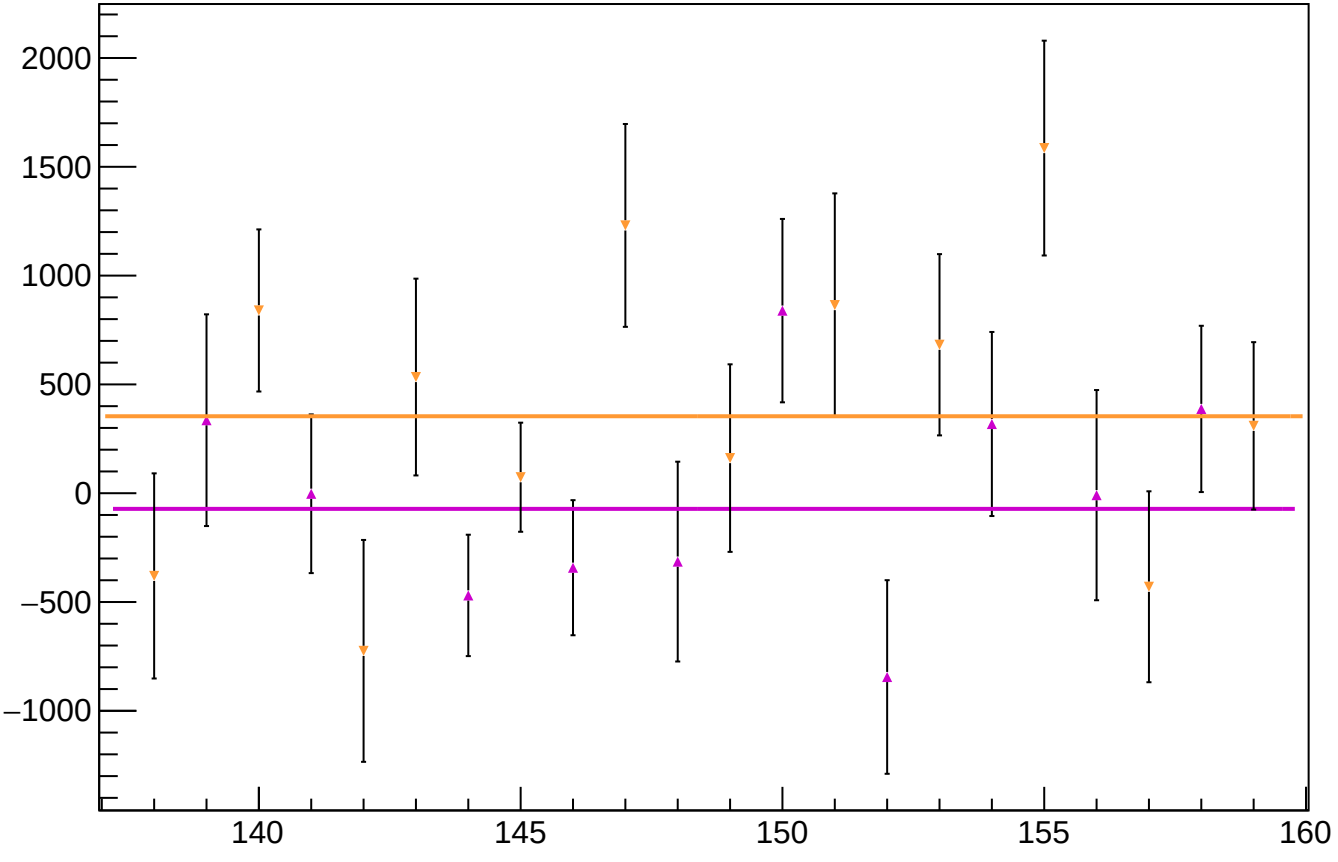
Left In: 47.504+/-0.012 χ^2/NDF:215026.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 47.189+/-0.008 χ^2/NDF: 343438.6/21

- 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: 353.662+/-117.878 χ^2/NDF:24.8/11

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

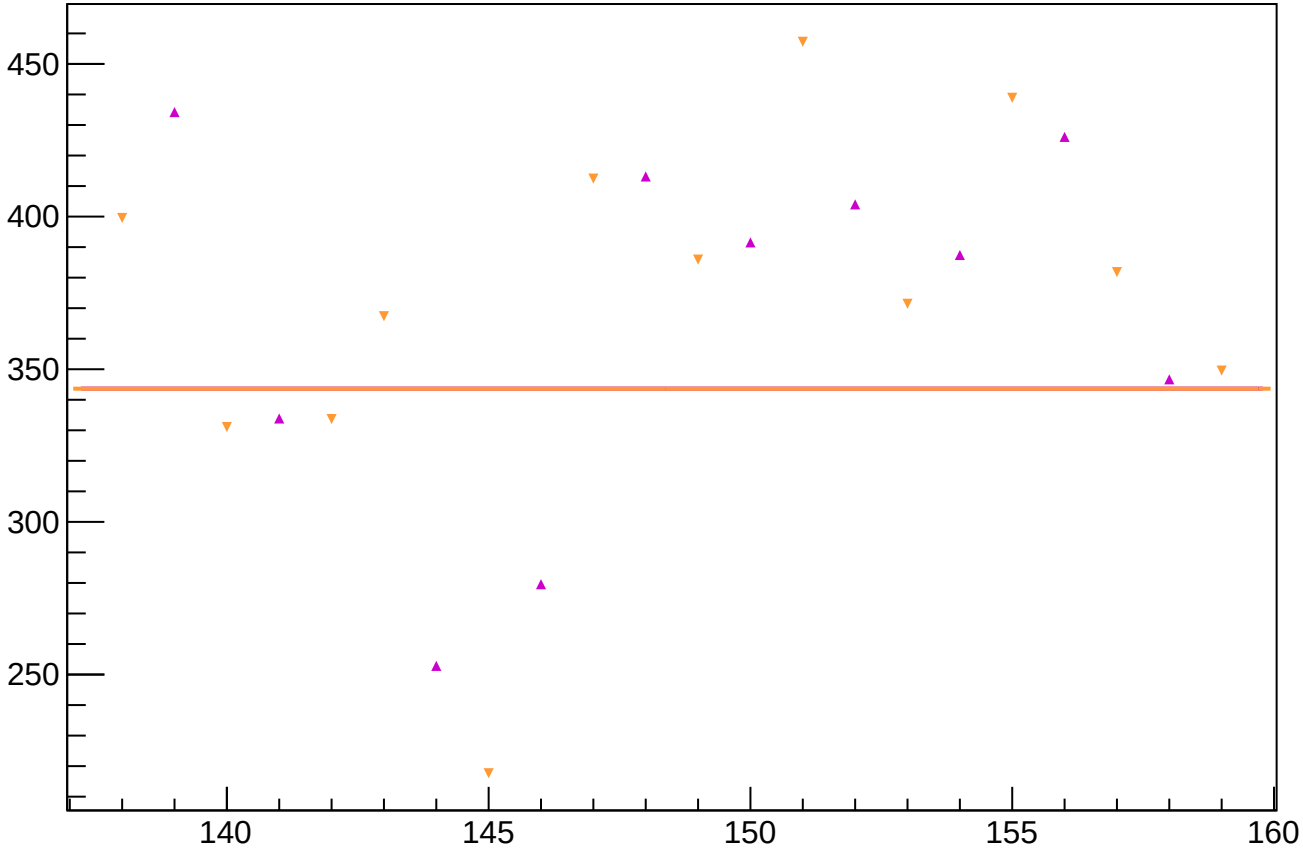
Left In: -71.940+/-122.048 χ^2/NDF:13.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 148.256+/-84.788 χ^2/NDF: 44.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug



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

Left Out: 343.635+/-0.083 χ^2/NDF:801556.6/11

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

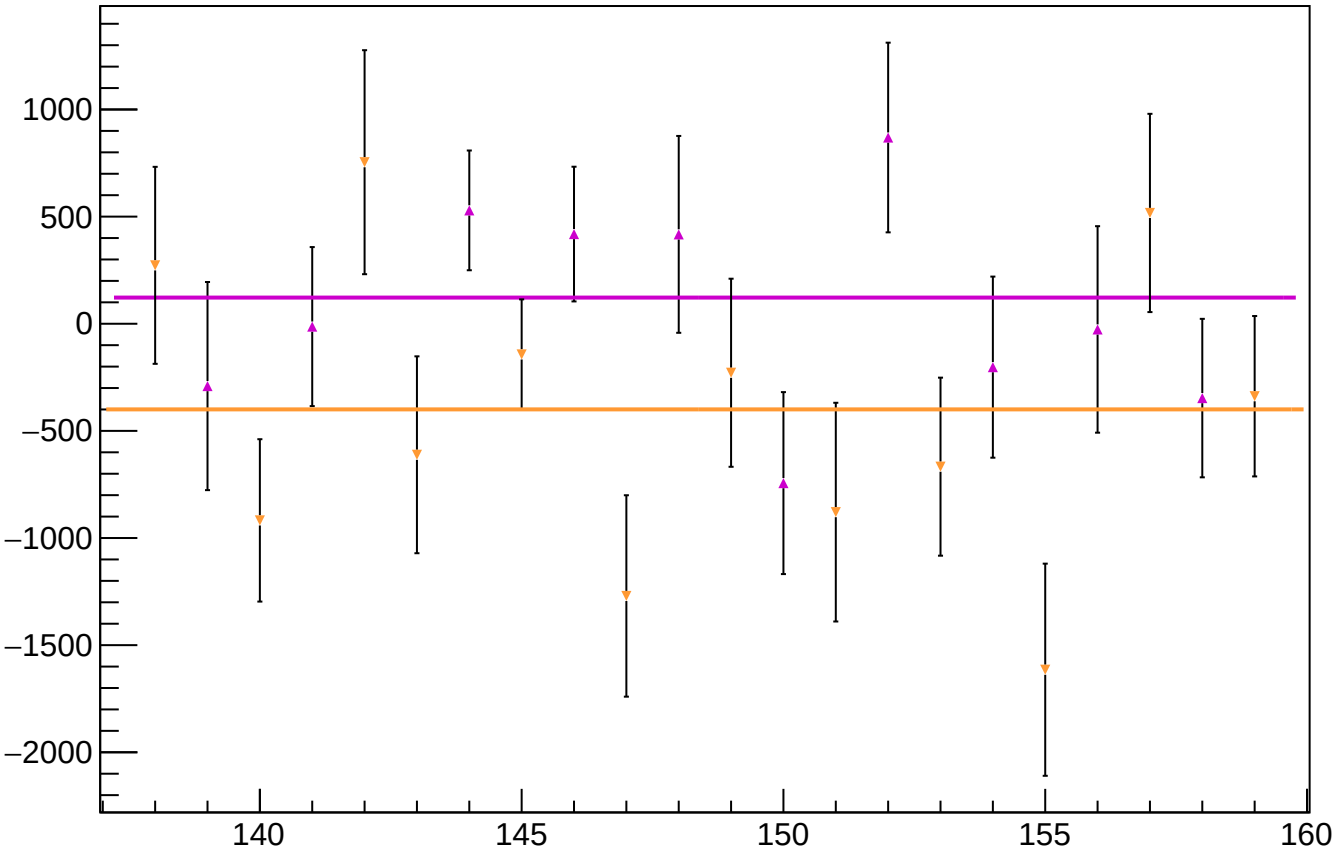
Left In: 343.658+/-0.086 χ^2/NDF:556288.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 343.646+/-0.060 χ^2/NDF: 1357844.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -399.660+/-119.106 χ^2/NDF:24.9/11

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

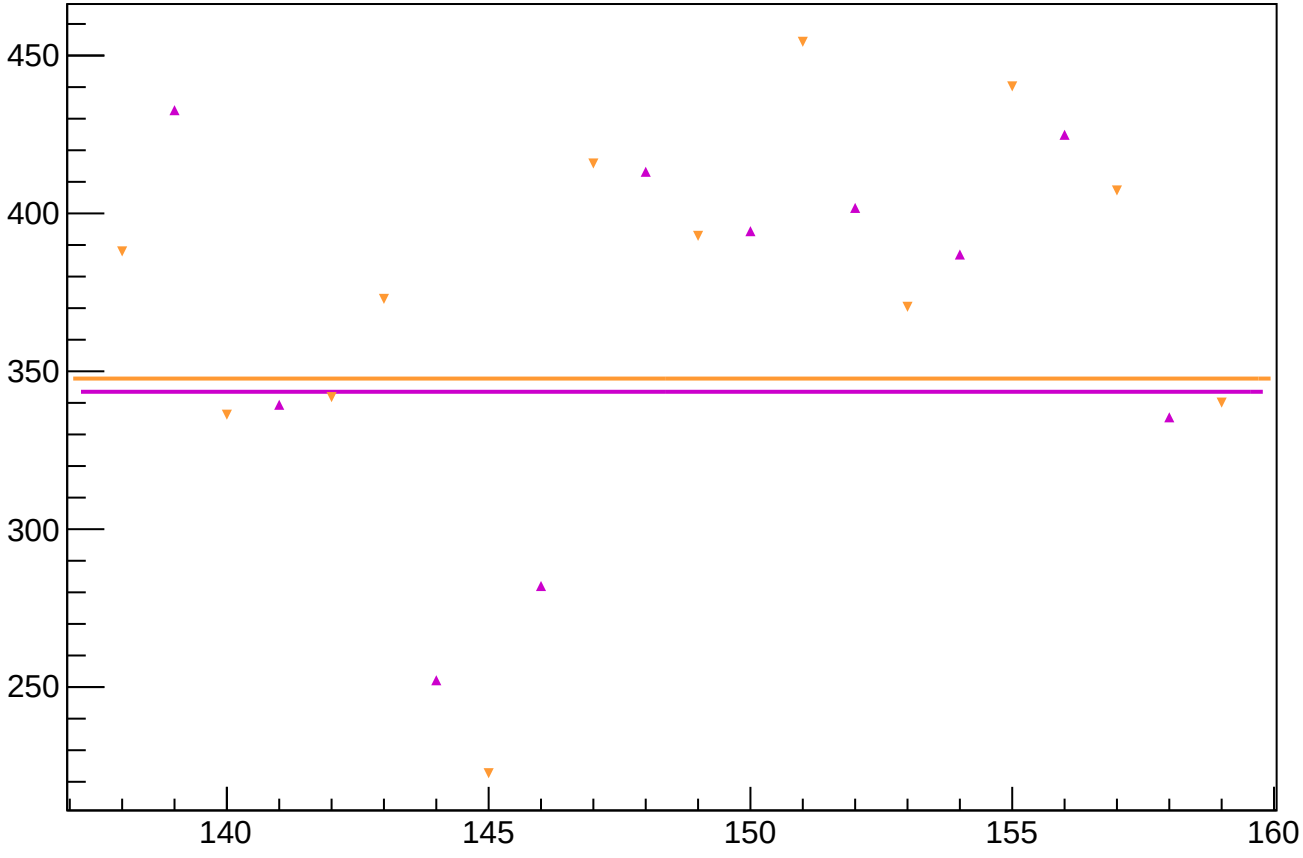
Left In: 122.127+/-122.138 χ^2/NDF:13.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -145.323+/-85.273 χ^2/NDF: 47.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 347.701+/-0.084 χ^2/NDF:757320.7/11

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

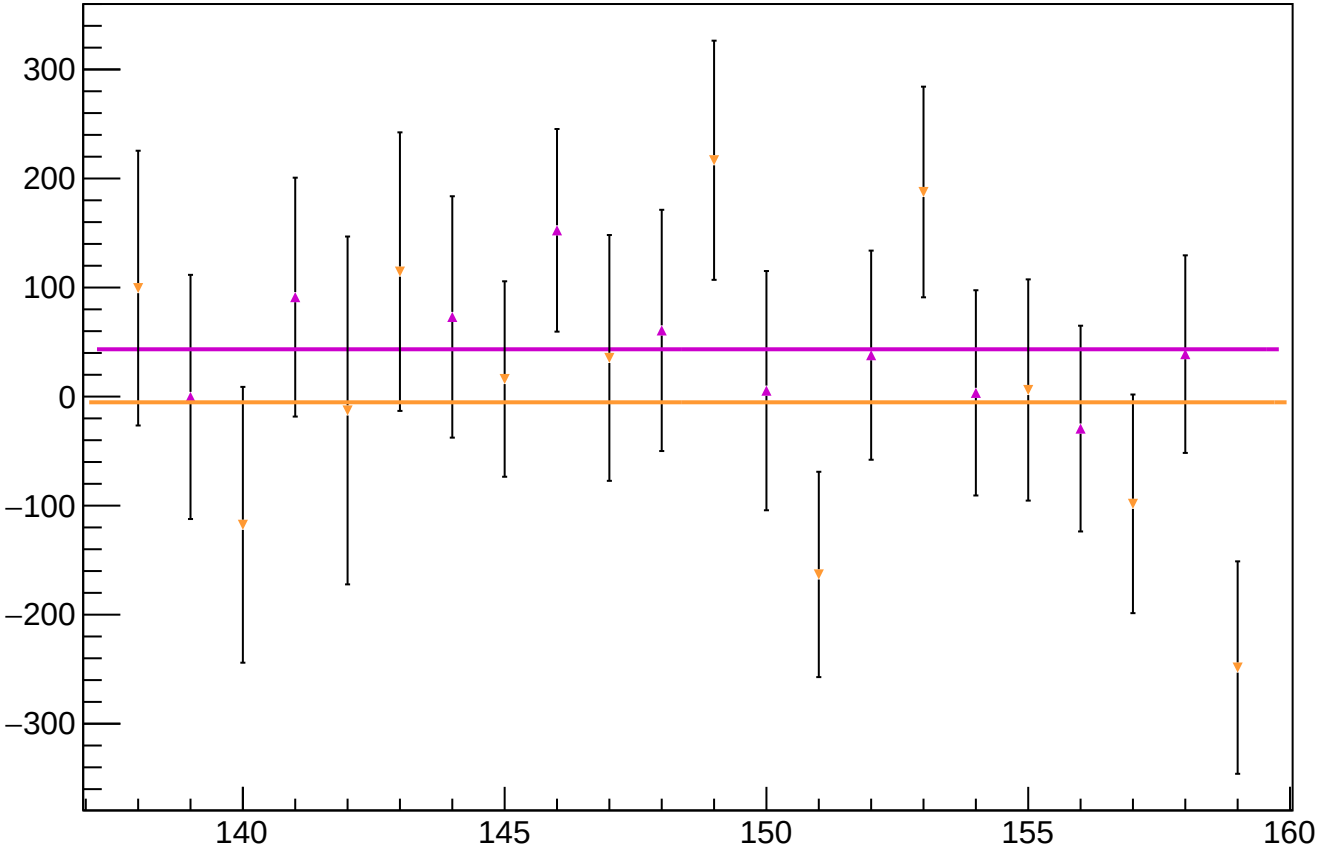
Left In: 343.517+/-0.086 χ^2/NDF:546548.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 345.662+/-0.060 χ^2/NDF: 1305072.7/21

- 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: -5.240+/-31.092 χ^2/NDF:20.6/11

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

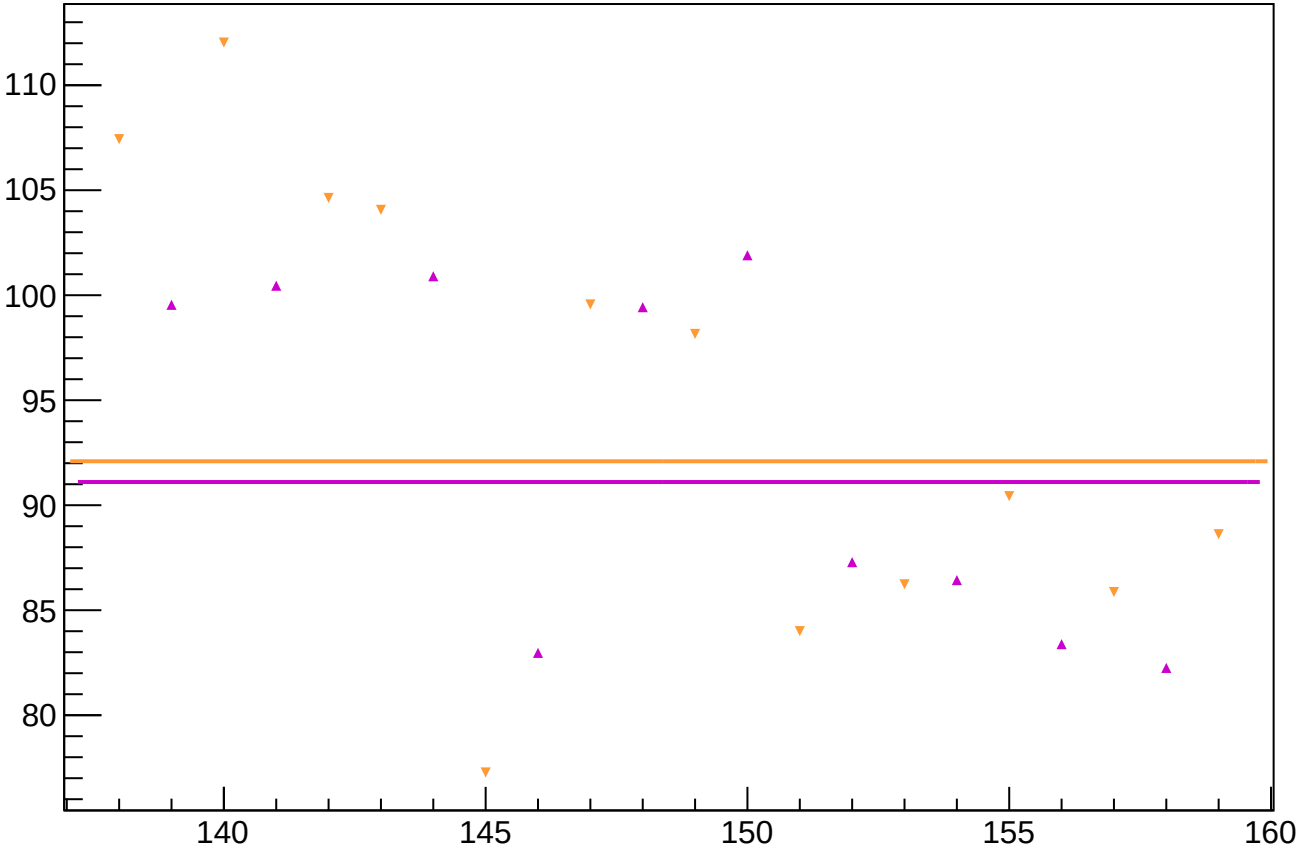
Left In: 43.384+/-31.925 χ^2/NDF:2.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.429+/-22.274 χ^2/NDF: 24.5/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 92.092+/-0.022 χ^2/NDF:211781.8/11

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

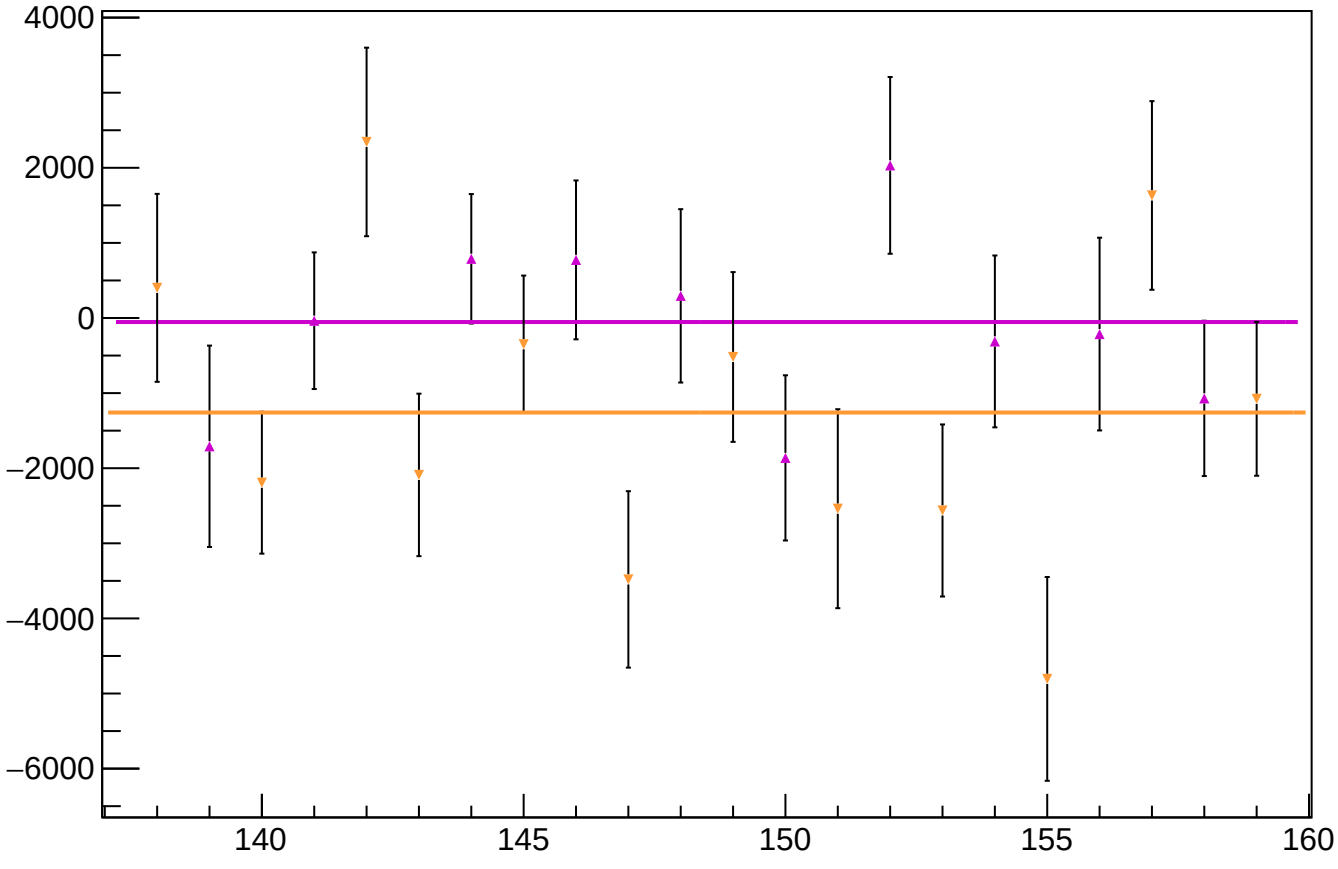
Left In: 91.104+/-0.023 χ^2/NDF:128217.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 91.611+/-0.016 χ^2/NDF: 340982.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1258.364+/-325.931 χ^2/NDF:31.0/11

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

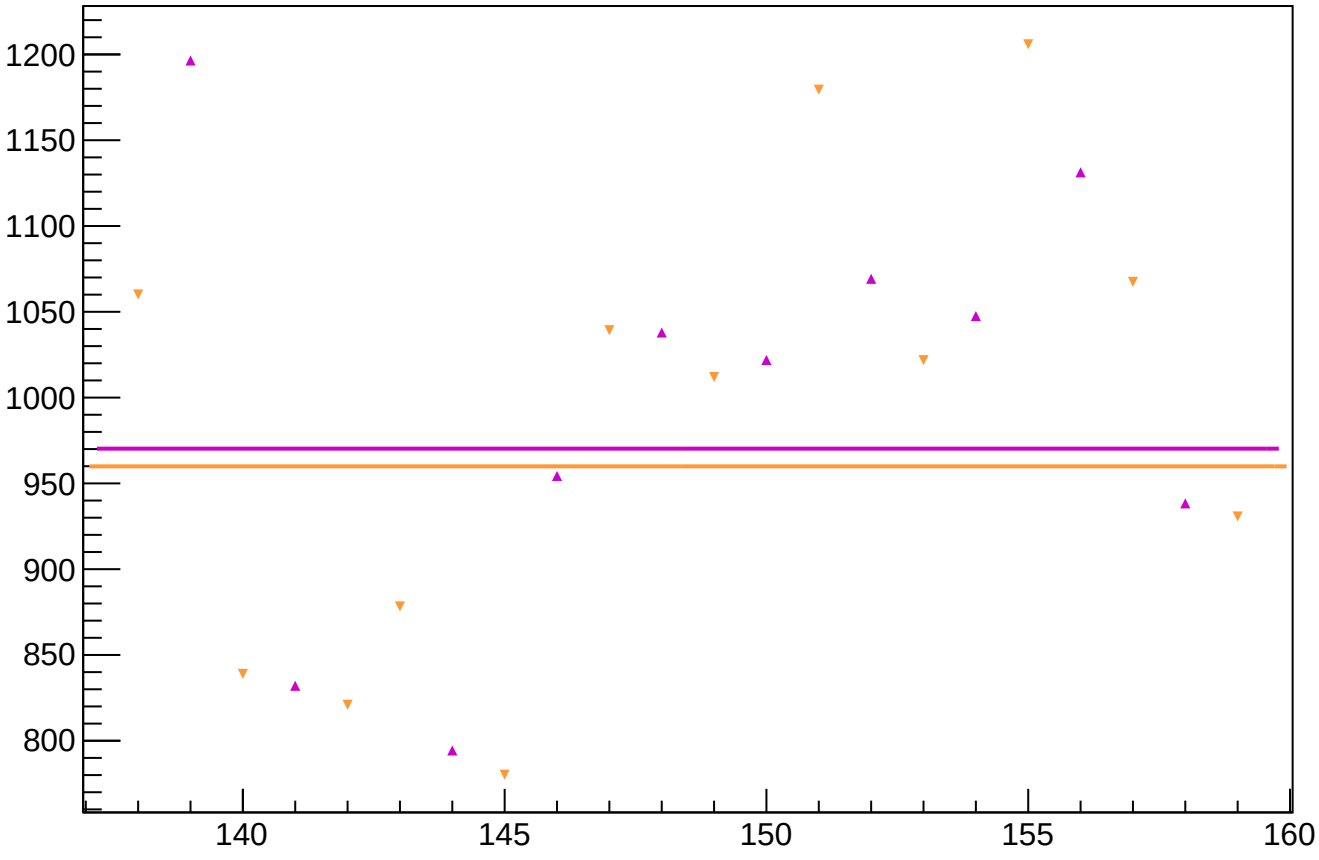
Left In: -53.615+/-340.791 χ^2/NDF:10.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -682.829+/-235.546 χ^2/NDF: 47.5/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_correction_rms vs Slug



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

Left Out: 959.928+/-0.230 χ^2/NDF:314877.9/11

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

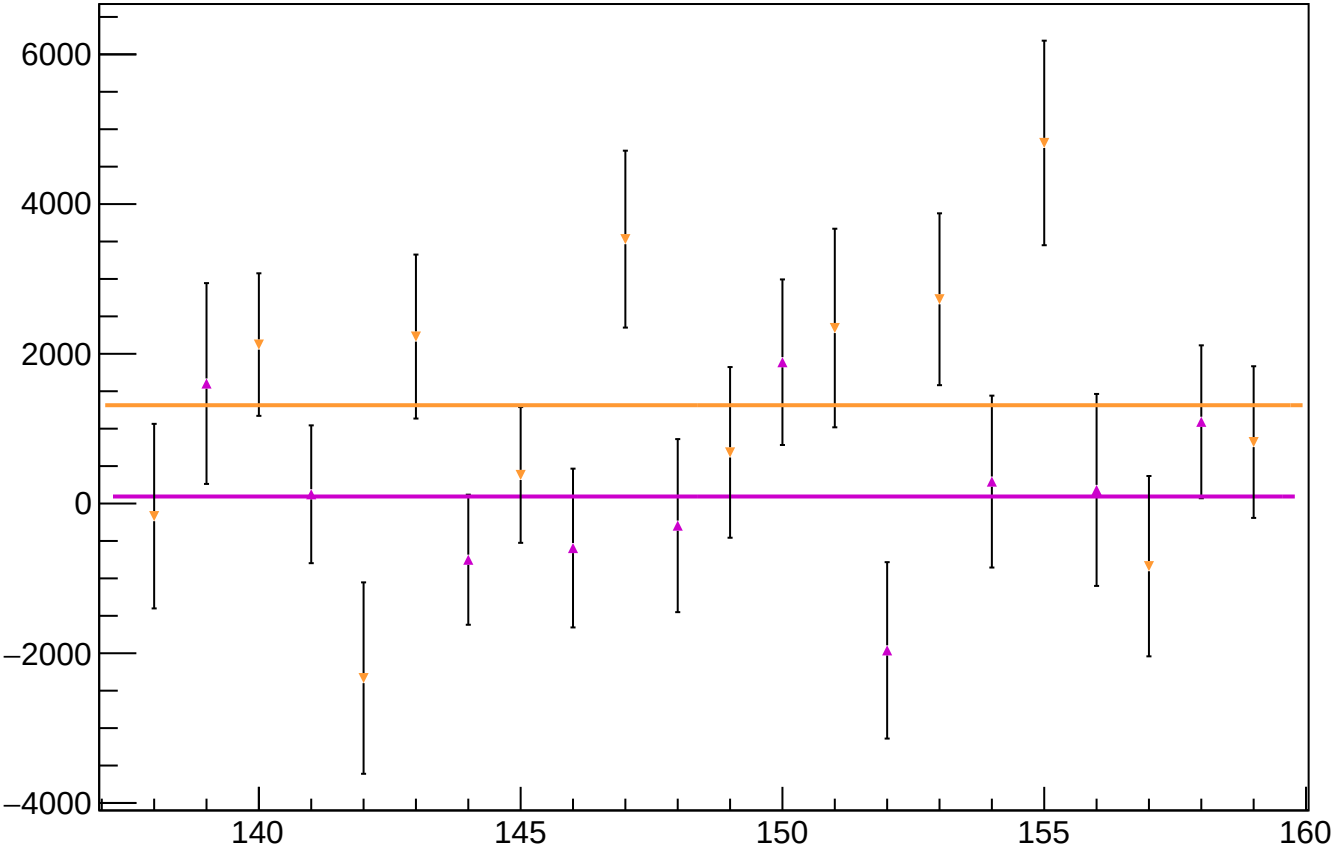
Left In: 970.247+/-0.241 χ^2/NDF:254835.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 964.858+/-0.167 χ^2/NDF: 570671.0/21

- 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: 1313.280+/-325.556 χ^2/NDF:28.0/11

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

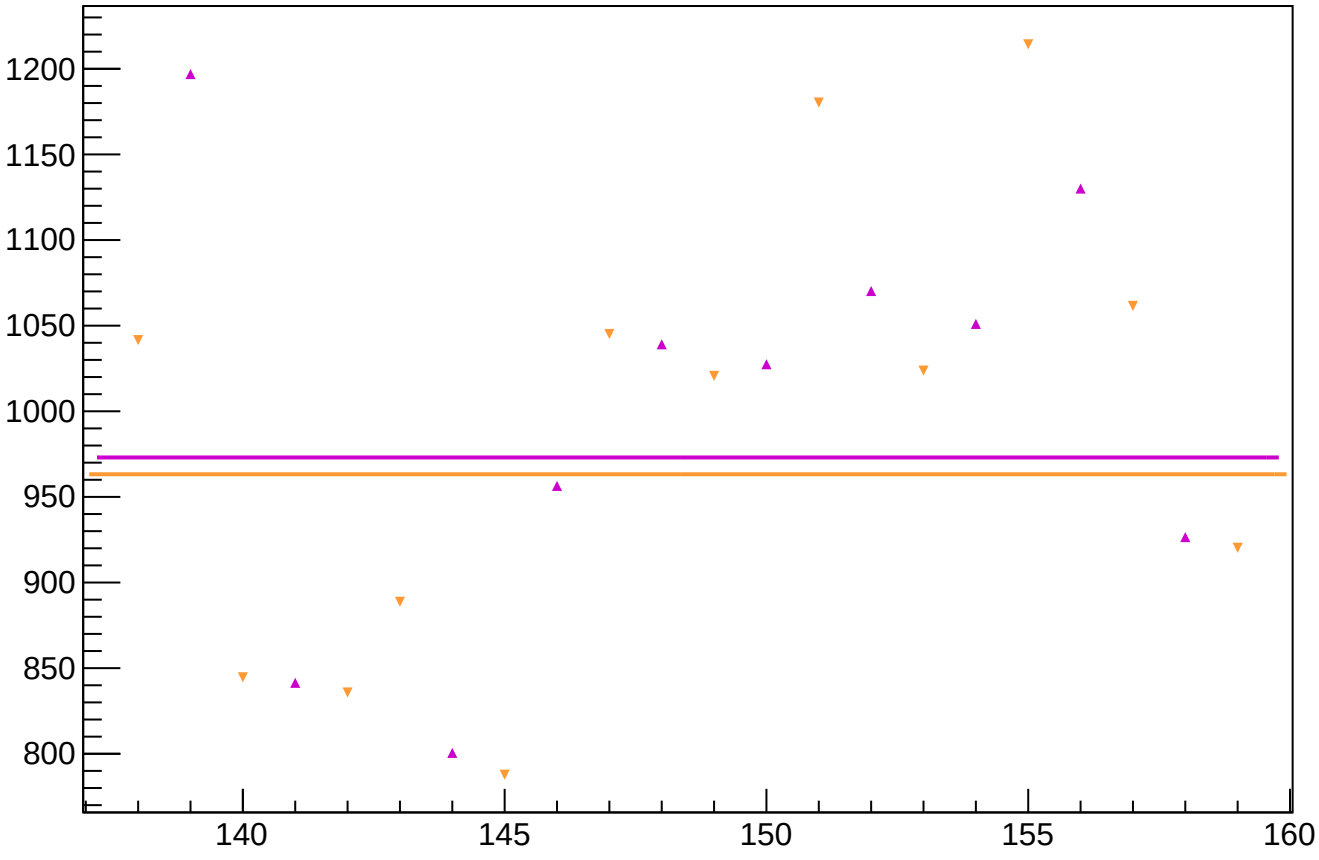
Left In: 93.843+/-341.756 χ^2/NDF:9.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 733.148+/-235.722 χ^2/NDF: 44.1/21

- 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: 963.222+/-0.230 χ^2/NDF:301337.1/11

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

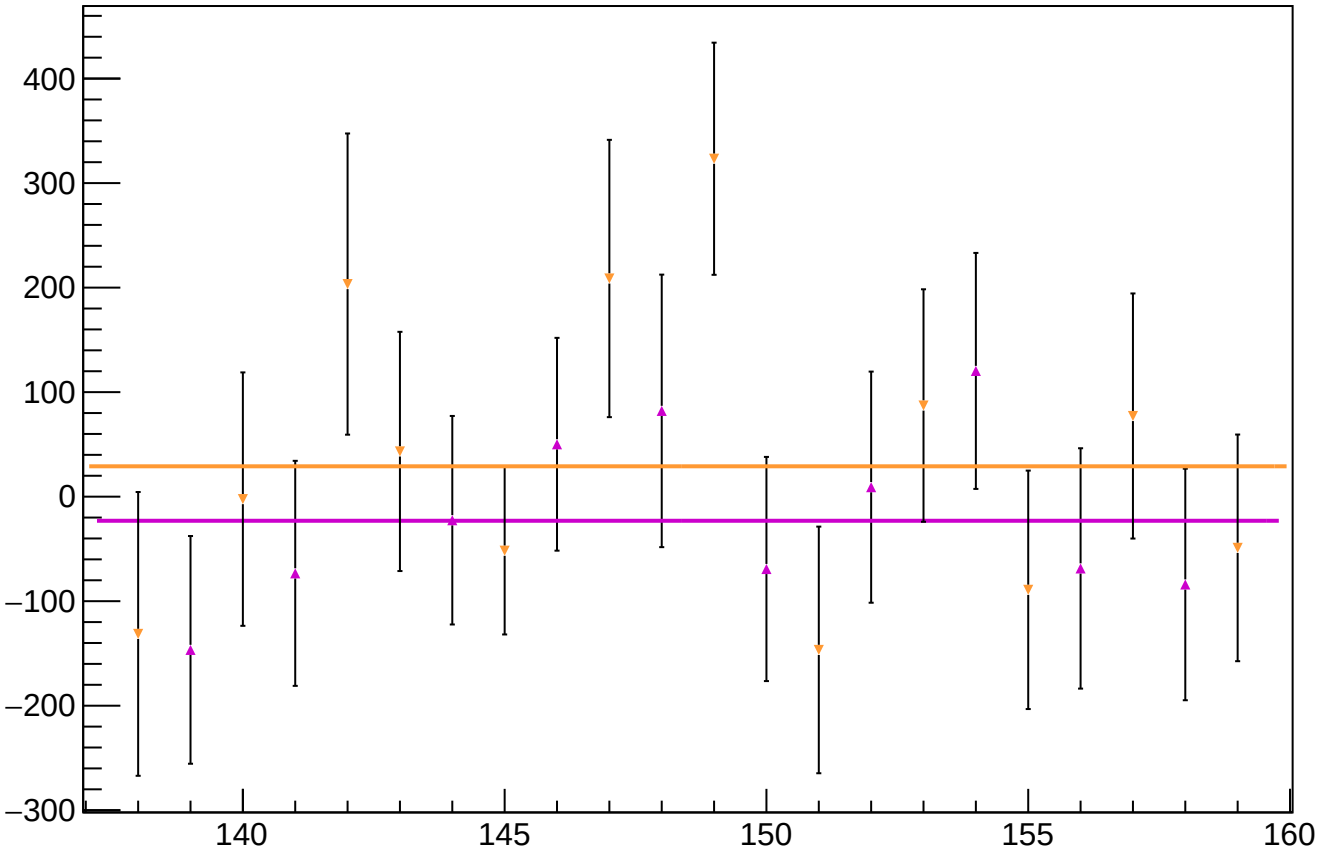
Left In: 973.035+/-0.242 χ^2/NDF:244301.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 967.890+/-0.167 χ^2/NDF: 546503.4/21

- 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: 29.044+/-32.829 χ^2/NDF:17.1/11

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

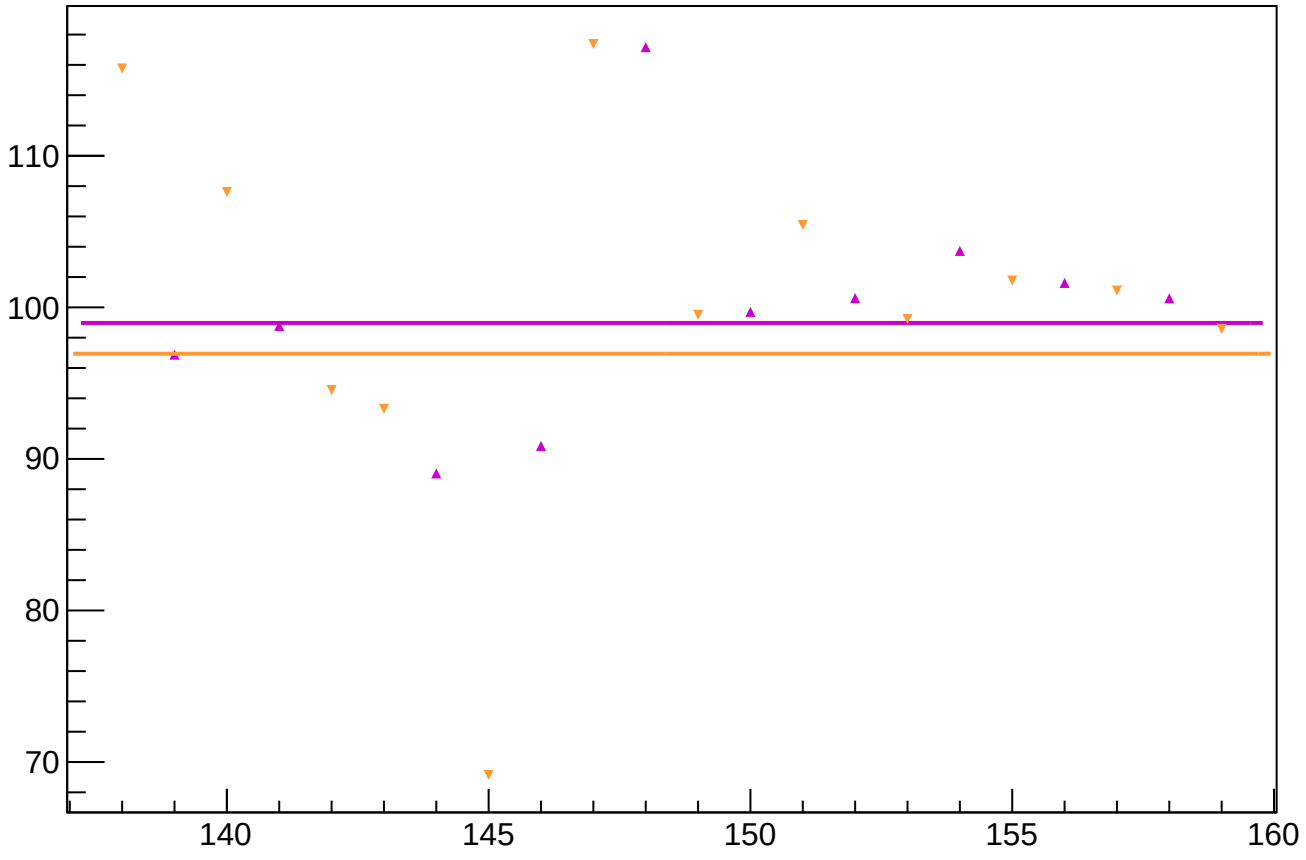
Left In: -23.063+/-34.695 χ^2/NDF:5.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.429+/-23.846 χ^2/NDF: 23.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 96.944+/-0.023 χ^2/NDF:363403.1/11

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

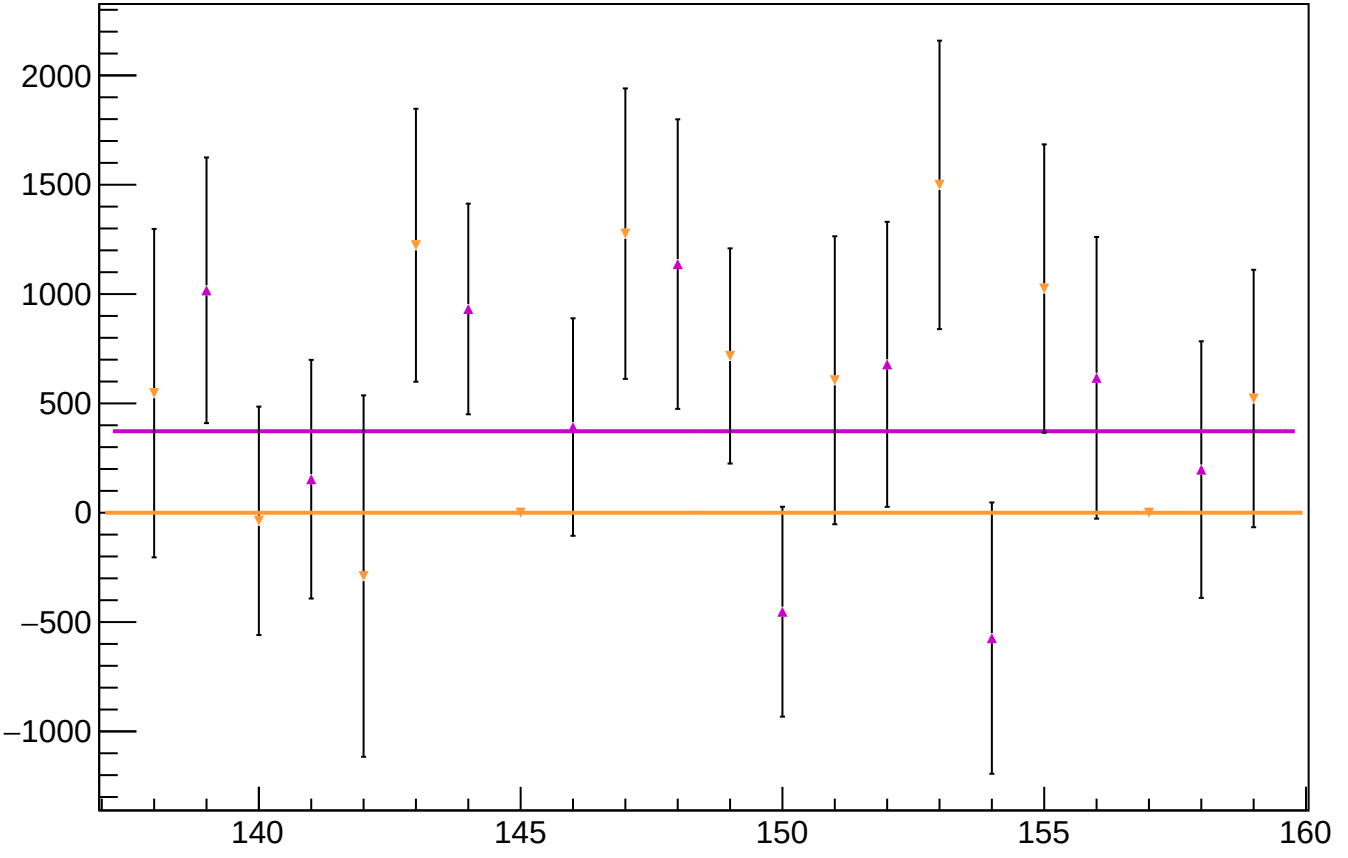
Left In: 98.973+/-0.025 χ^2/NDF:77804.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 97.902+/-0.017 χ^2/NDF: 444816.8/21

- 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:19.8/11

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

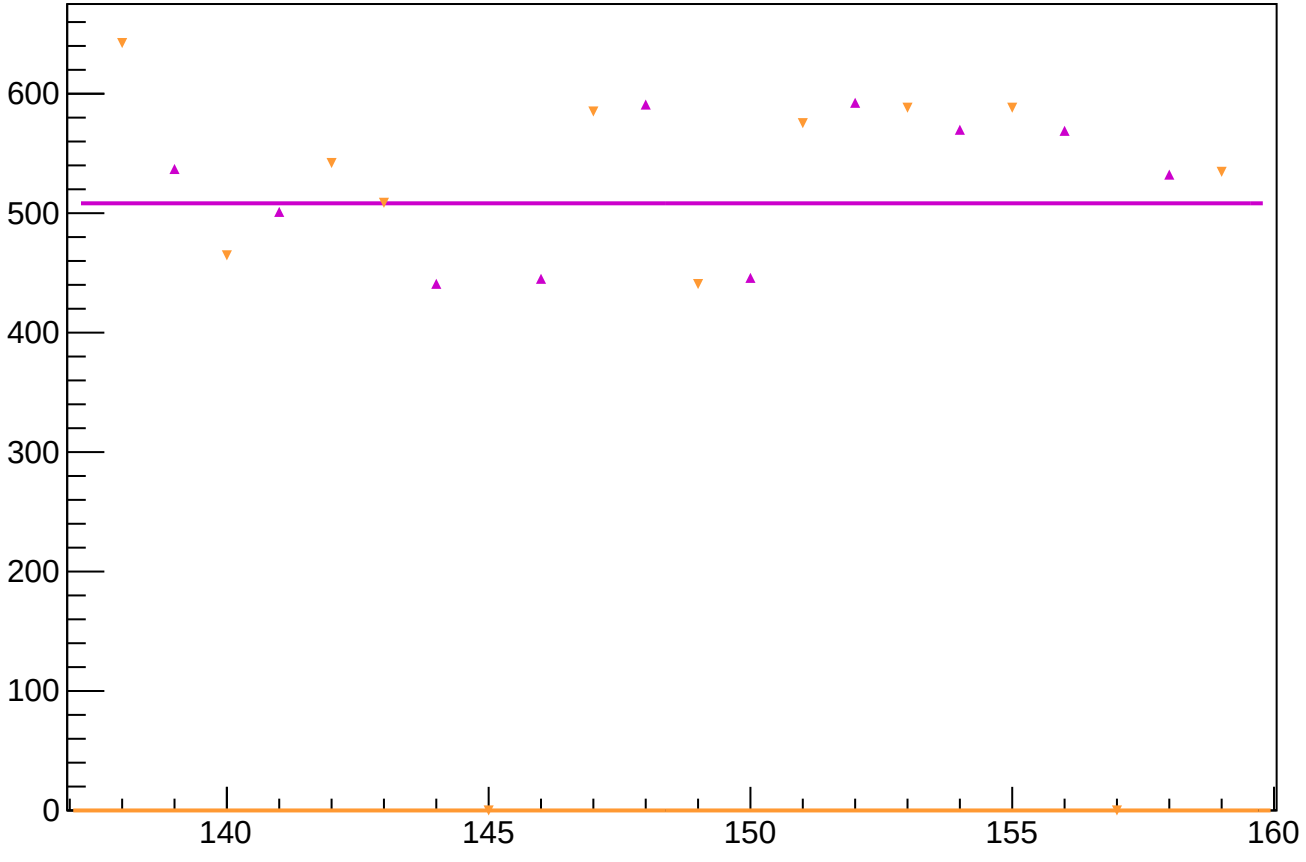
Left In: 372.701+/-178.713 χ^2/NDF:9.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 33.9/21

- 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:14752565.3/11

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

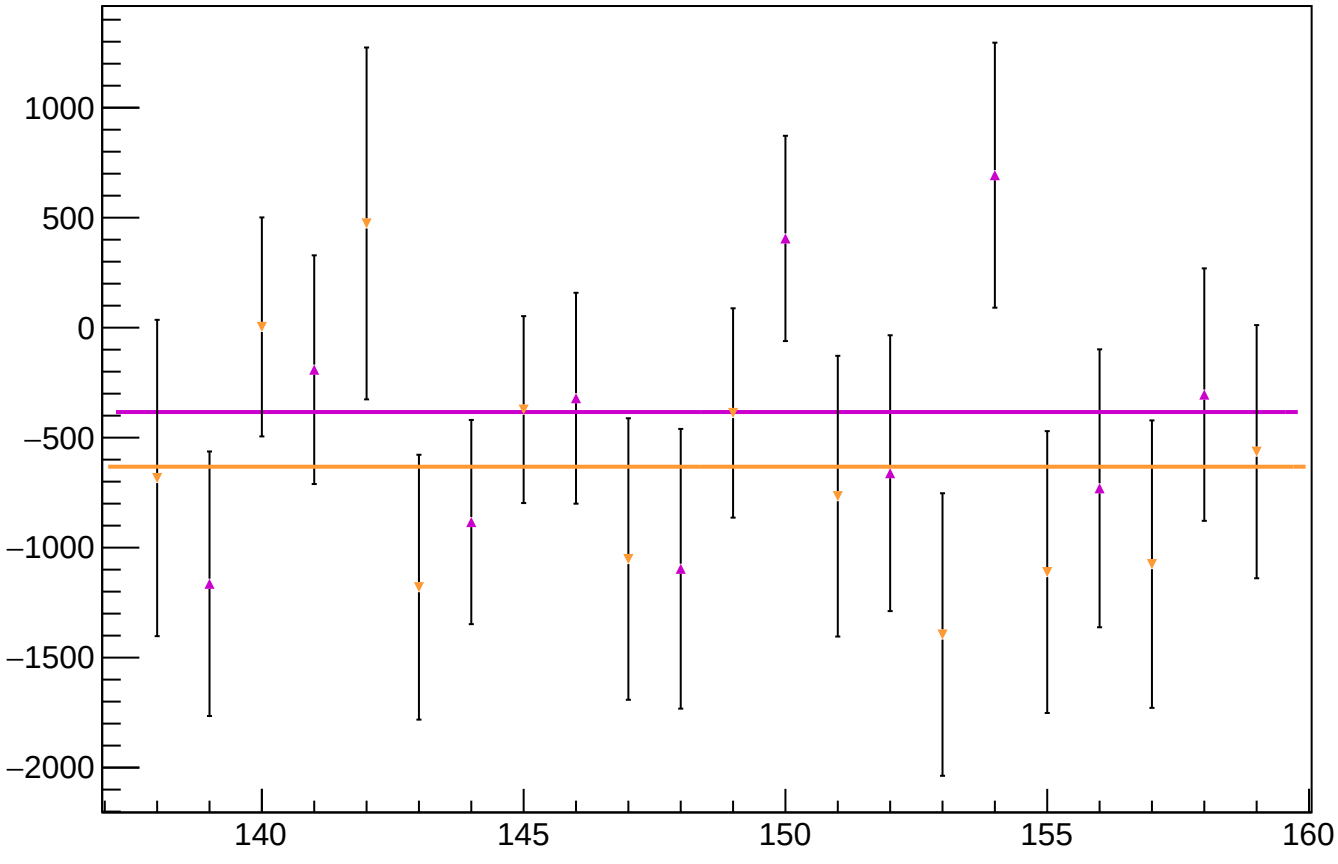
Left In: 508.262+/-0.126 χ^2/NDF:215392.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 31144846.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -632.170+/-168.149 χ^2/NDF:7.9/11

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

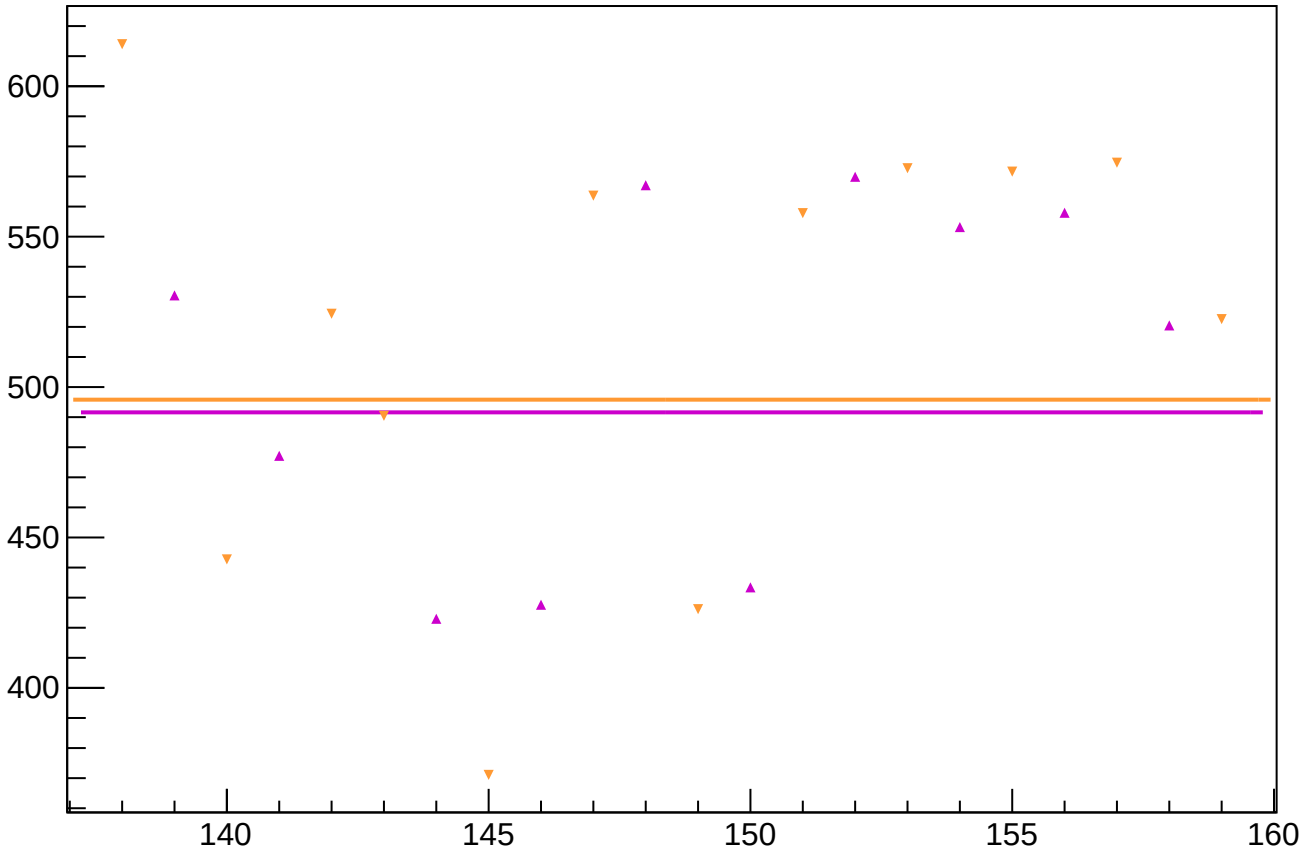
Left In: -383.620+/-173.122 χ^2/NDF:10.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -511.516+/-120.619 χ^2/NDF: 19.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



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

Left Out: 495.812+/-0.119 χ^2/NDF:426120.4/11

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

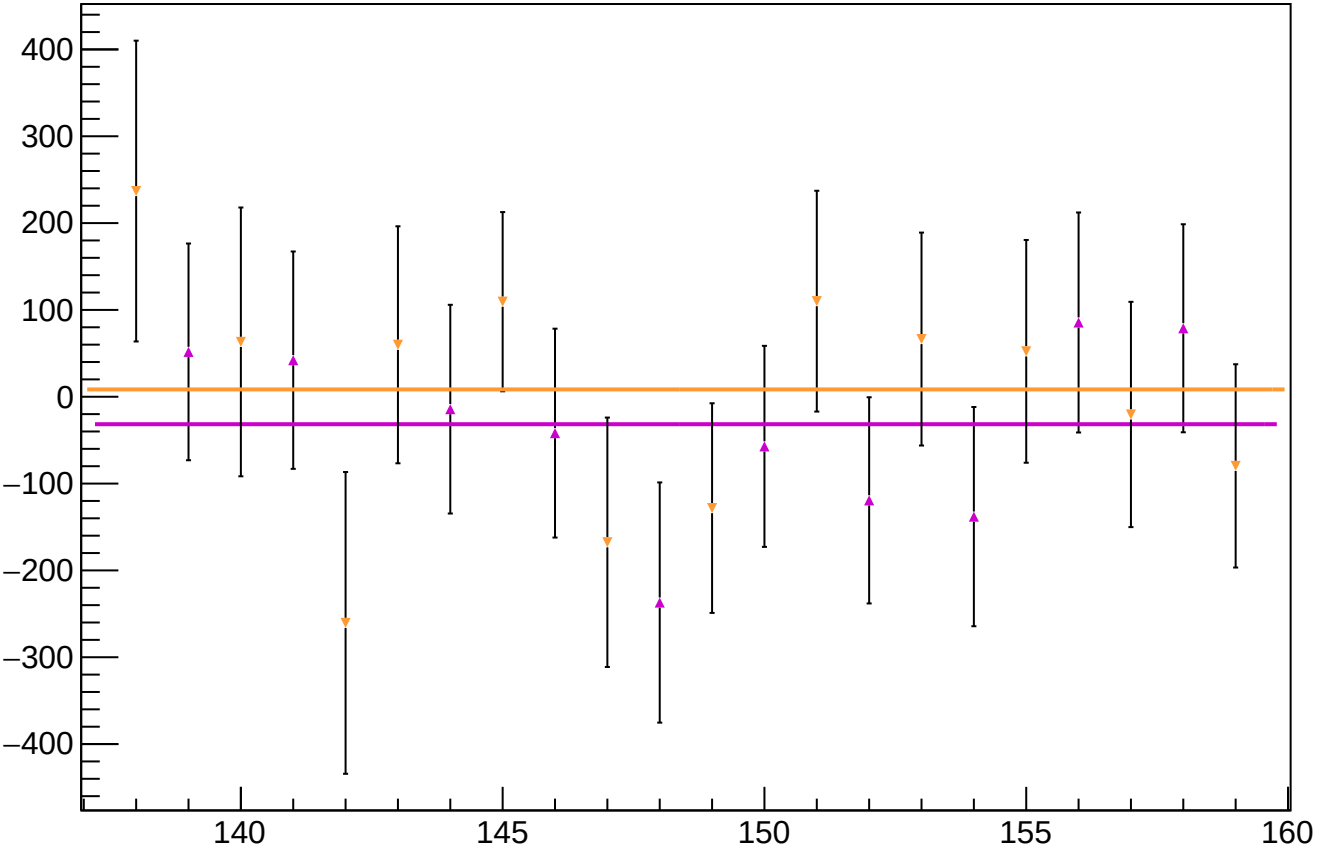
Left In: 491.594+/-0.122 χ^2/NDF:227718.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 493.765+/-0.085 χ^2/NDF: 654449.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 8.433+/-37.948 χ^2/NDF:9.7/11

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

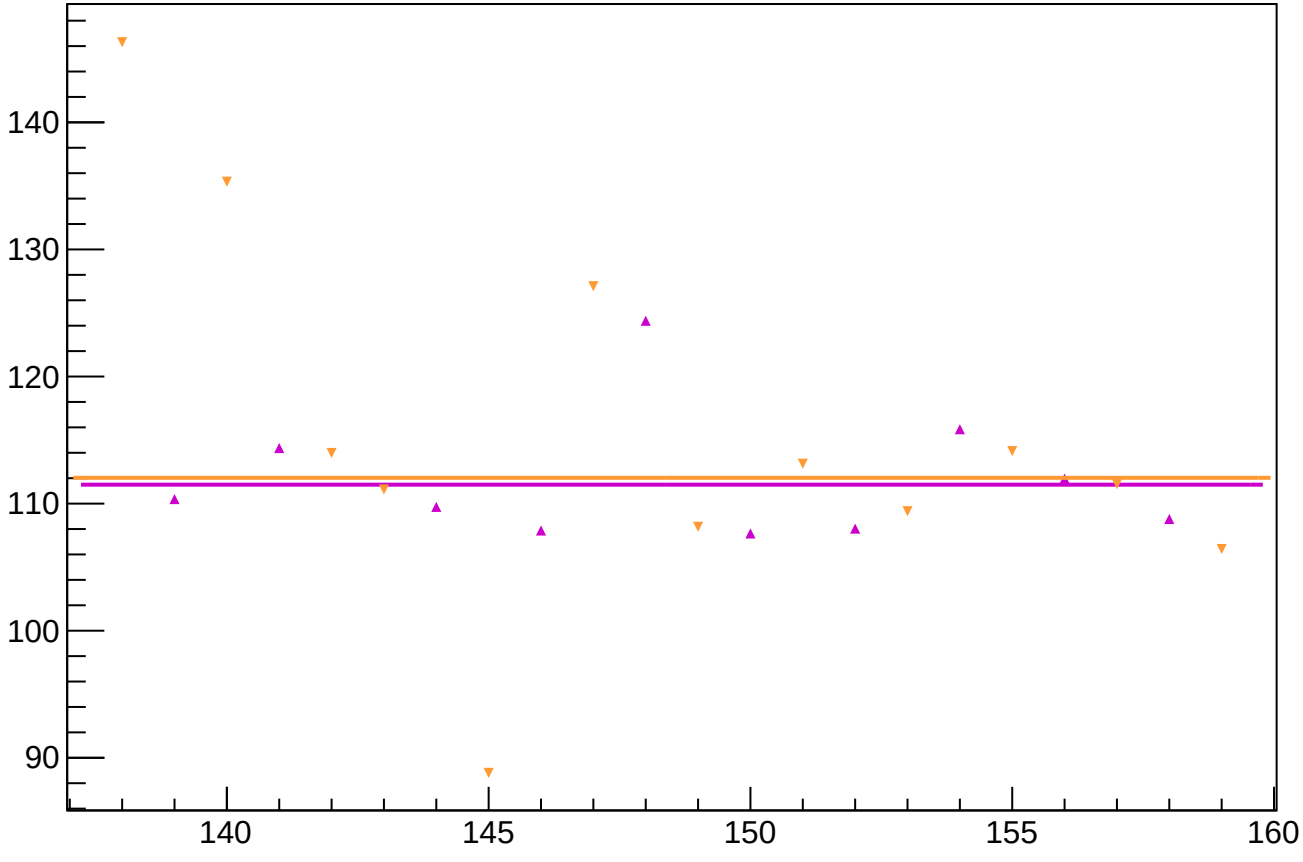
Left In: -31.614+/-38.956 χ^2/NDF:6.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.065+/-27.183 χ^2/NDF: 16.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 112.030+/-0.027 χ^2/NDF:255481.1/11

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

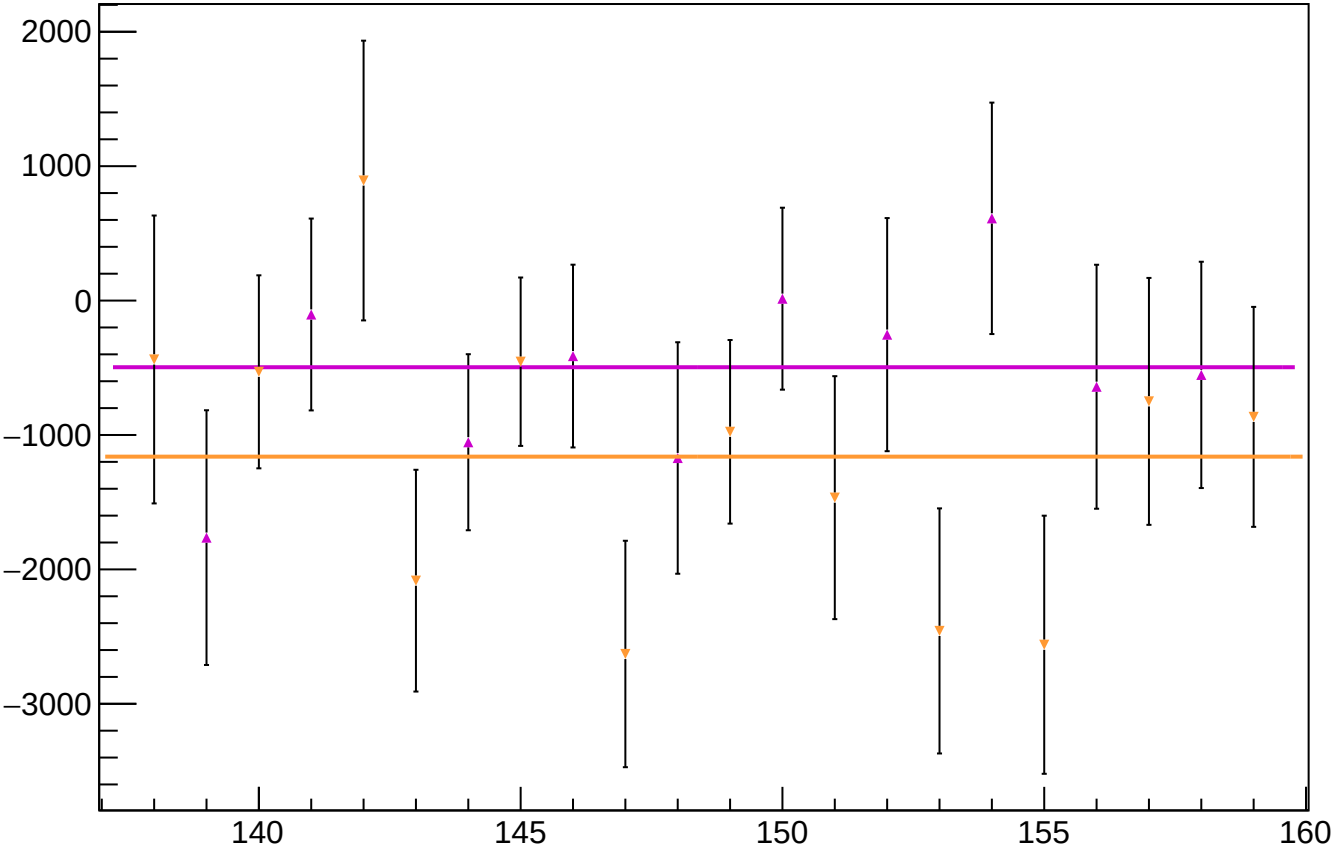
Left In: 111.490+/-0.028 χ^2/NDF:28160.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.767+/-0.019 χ^2/NDF: 283838.8/21

- 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: -1161.117+/-239.076 χ^2/NDF:15.4/11

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

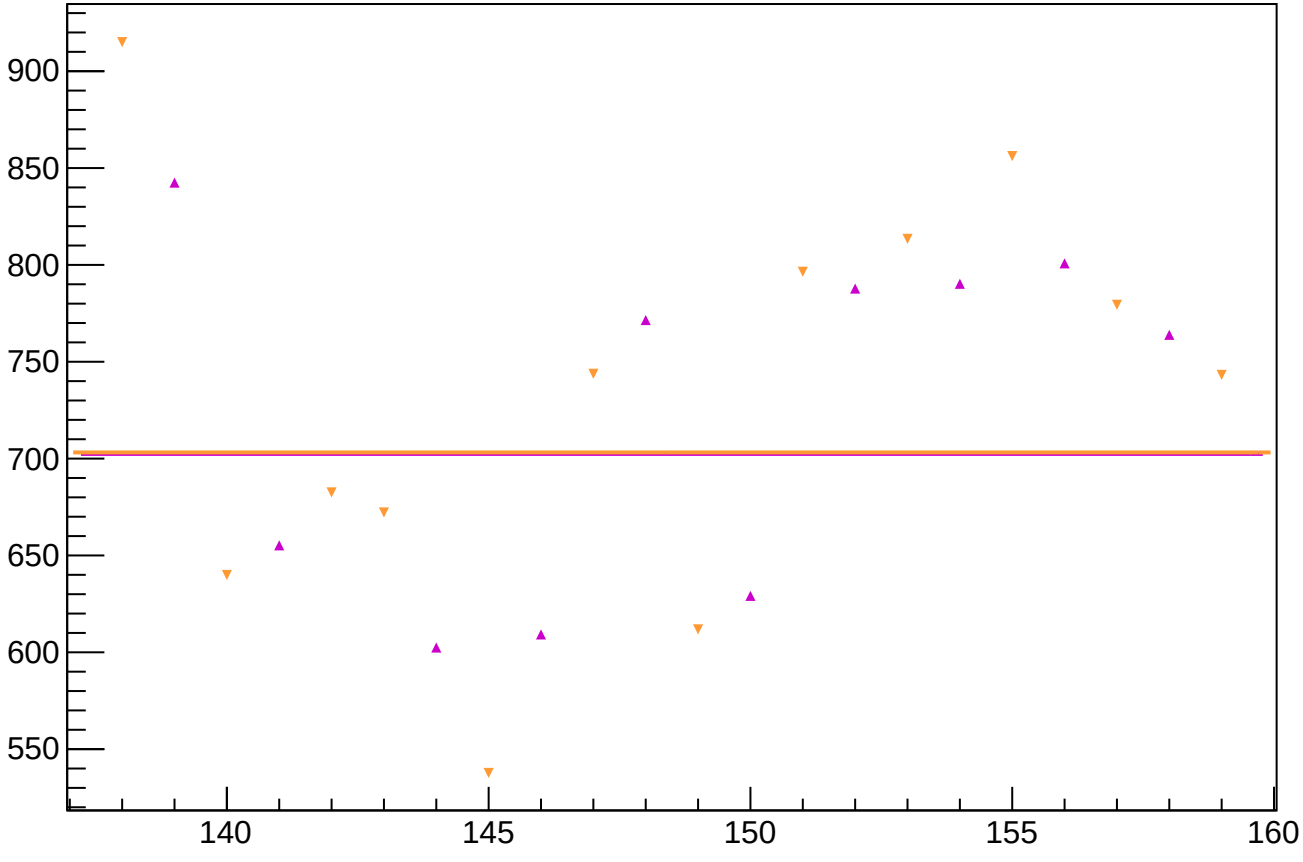
Left In: -495.855+/-246.887 χ^2/NDF:5.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -839.176+/-171.747 χ^2/NDF: 24.9/21

- 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: 703.192+/-0.169 χ^2/NDF:397201.9/11

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

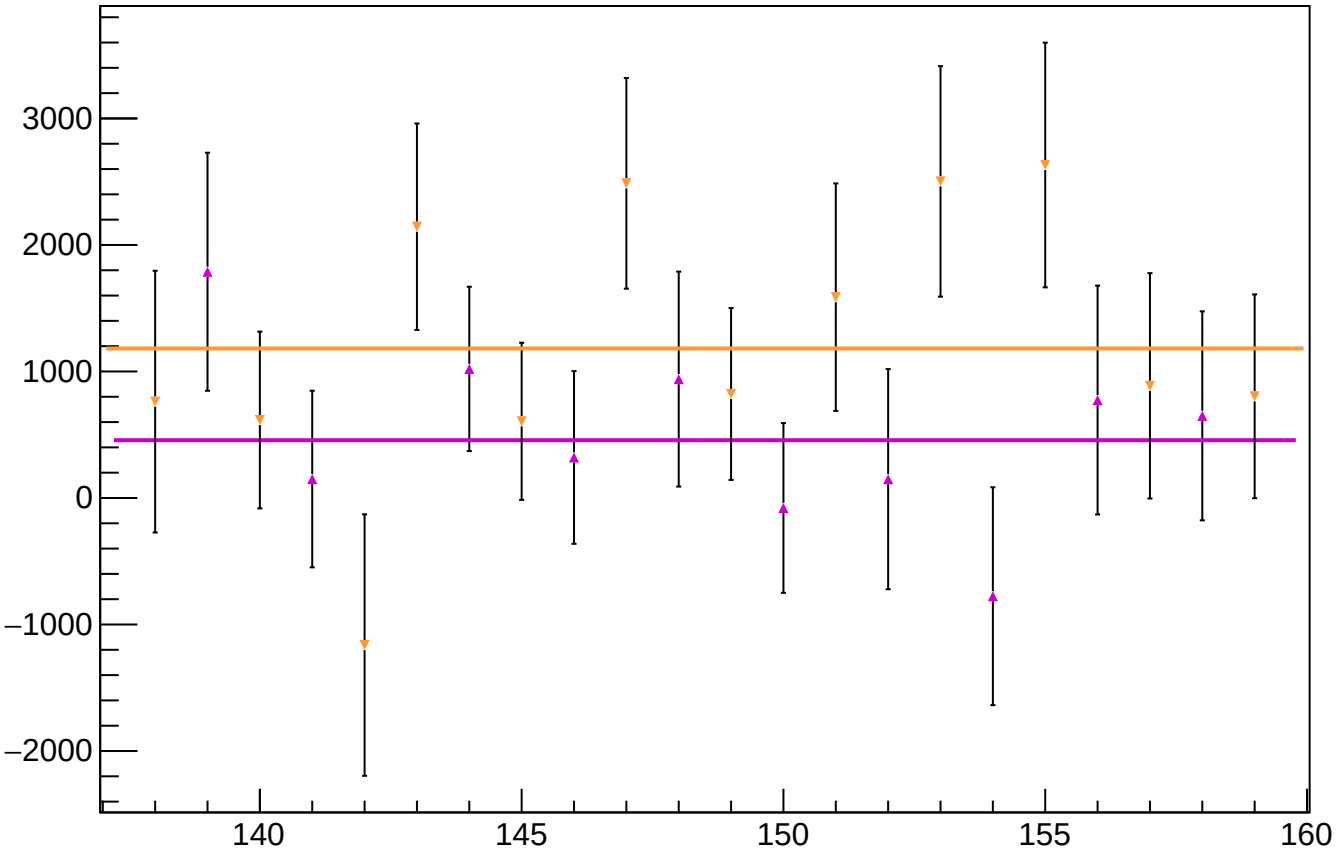
Left In: 702.429+/-0.175 χ^2/NDF:247305.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 702.823+/-0.121 χ^2/NDF: 644517.5/21

- 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: 1181.729+/-236.134 χ^2/NDF:15.8/11

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

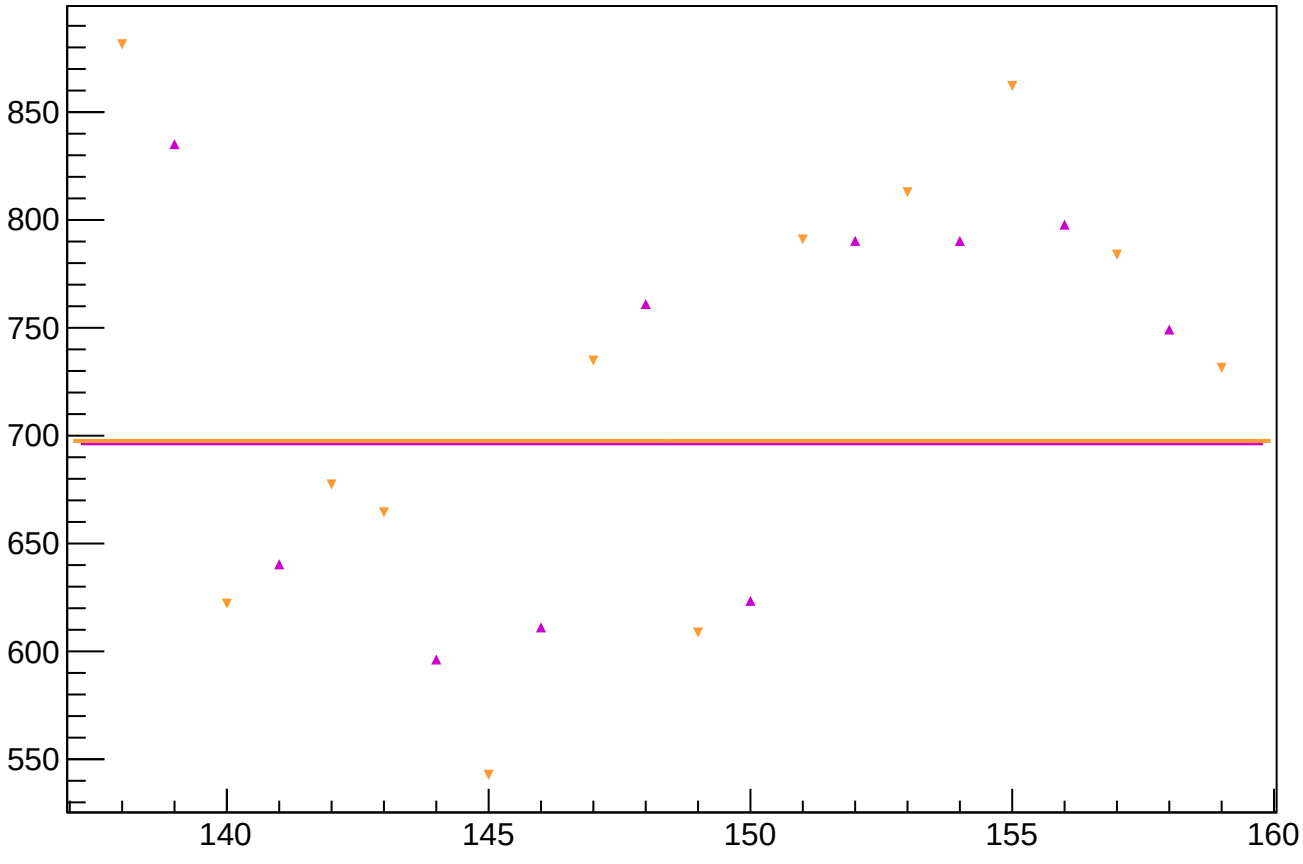
Left In: 456.624+/-244.963 χ^2/NDF:6.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 832.479+/-170.008 χ^2/NDF: 26.7/21

- 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: 697.569+/-0.167 χ^2/NDF:386832.0/11

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

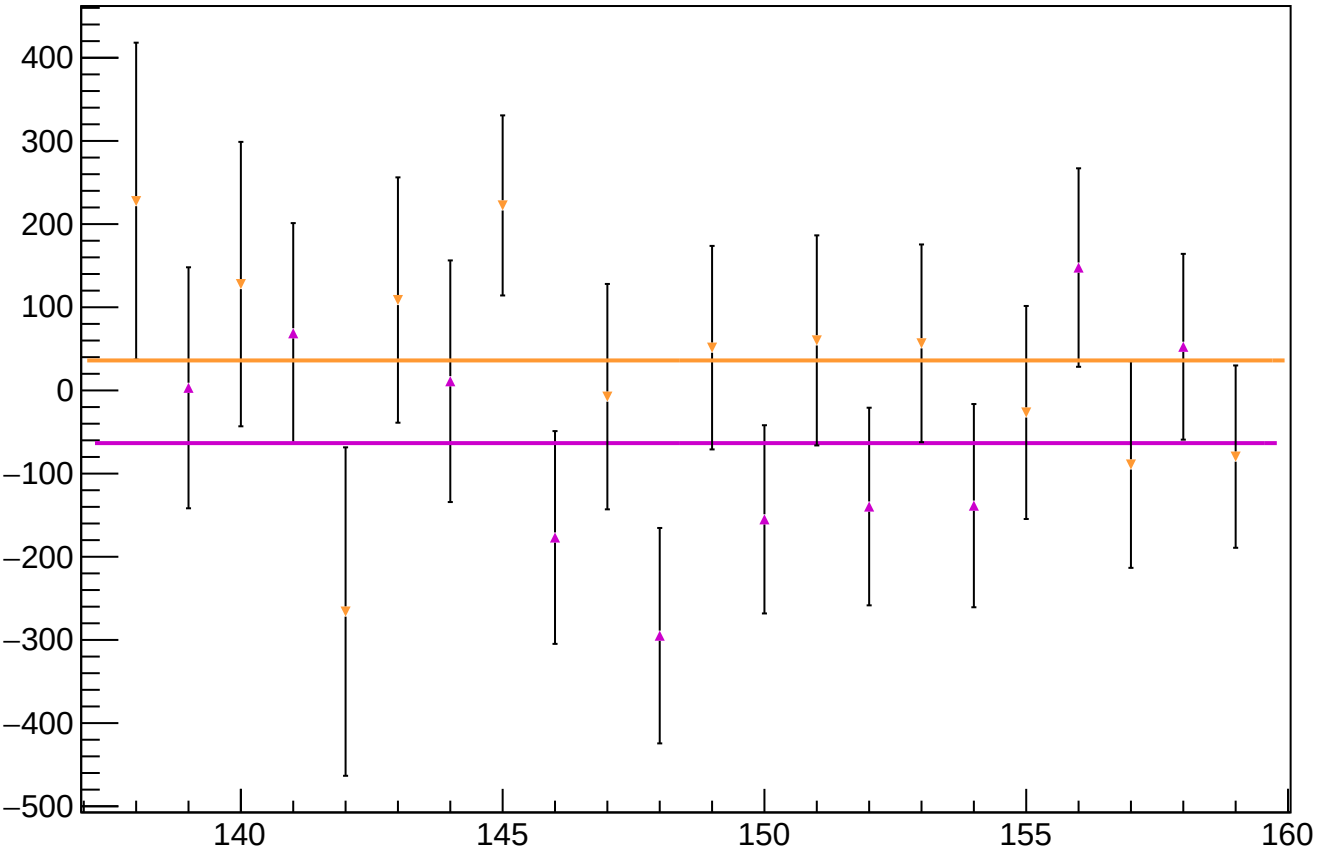
Left In: 696.457+/-0.173 χ^2/NDF:250858.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 697.034+/-0.120 χ^2/NDF: 637711.7/21

- 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: 36.061+/-38.285 χ^2/NDF:9.4/11

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

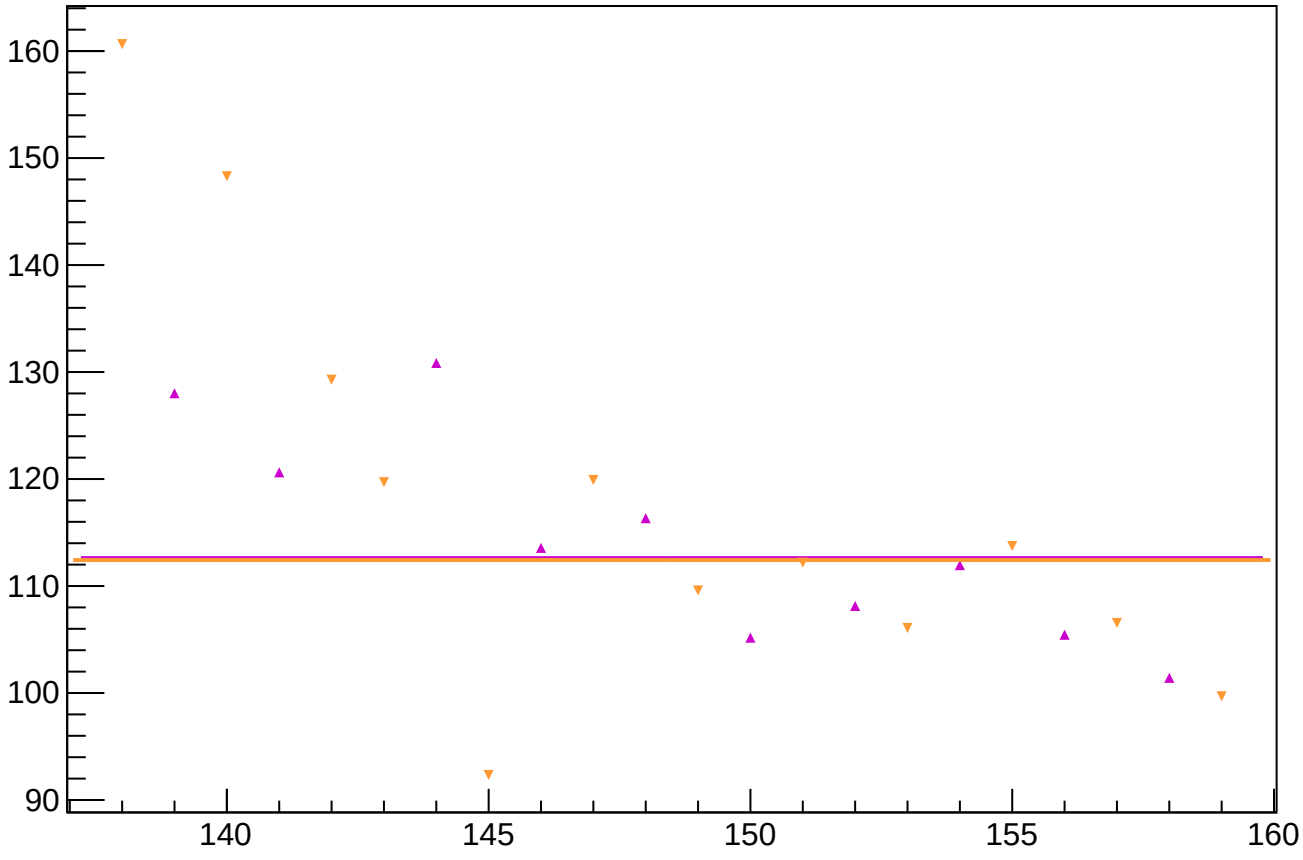
Left In: -63.349+/-39.559 χ^2/NDF:11.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.018+/-27.511 χ^2/NDF: 23.8/21

- 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: 112.428+/-0.027 χ^2/NDF:348951.3/11

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

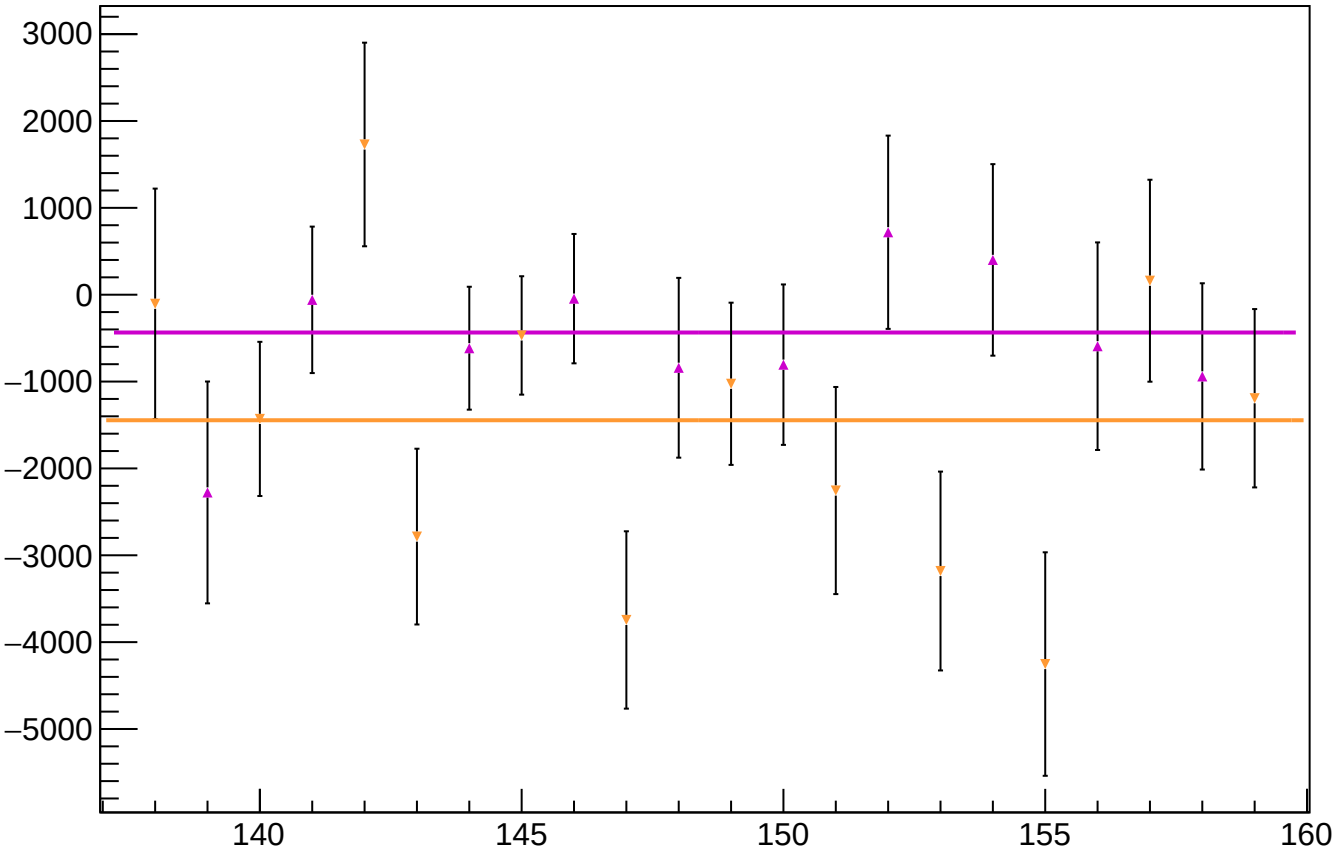
Left In: 112.603+/-0.028 χ^2/NDF:102057.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 112.513+/-0.019 χ^2/NDF: 451029.0/21

- 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: -1445.325+/-294.111 χ^2/NDF:26.9/11

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

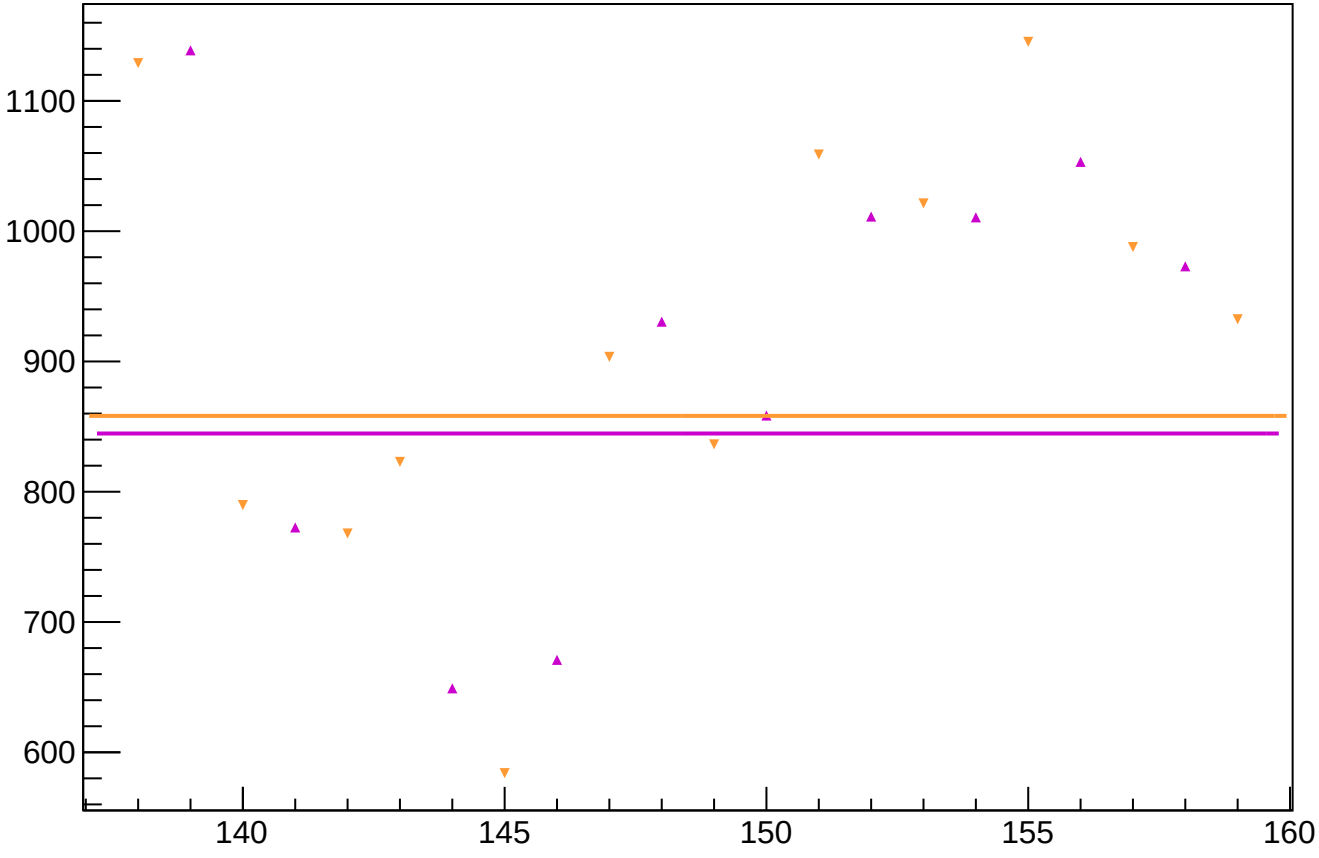
Left In: -435.265+/-299.792 χ^2/NDF:4.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -949.956+/-209.948 χ^2/NDF: 37.5/21

- 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: 858.240+/-0.208 χ^2/NDF:670463.6/11

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

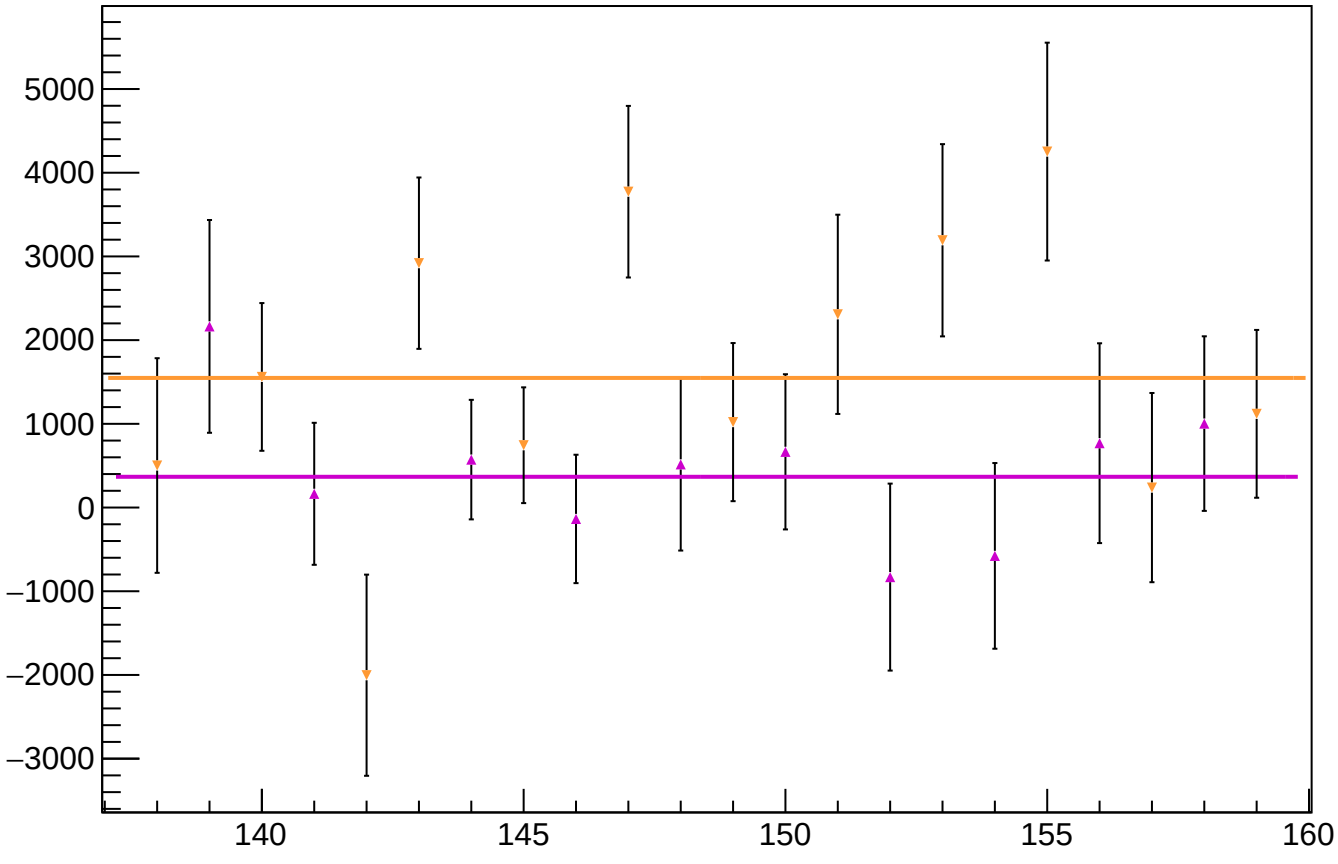
Left In: 844.701+/-0.212 χ^2/NDF:576226.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 851.600+/-0.148 χ^2/NDF: 1248768.1/21

- 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: 1548.438+/-294.422 χ^2/NDF:25.9/11

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

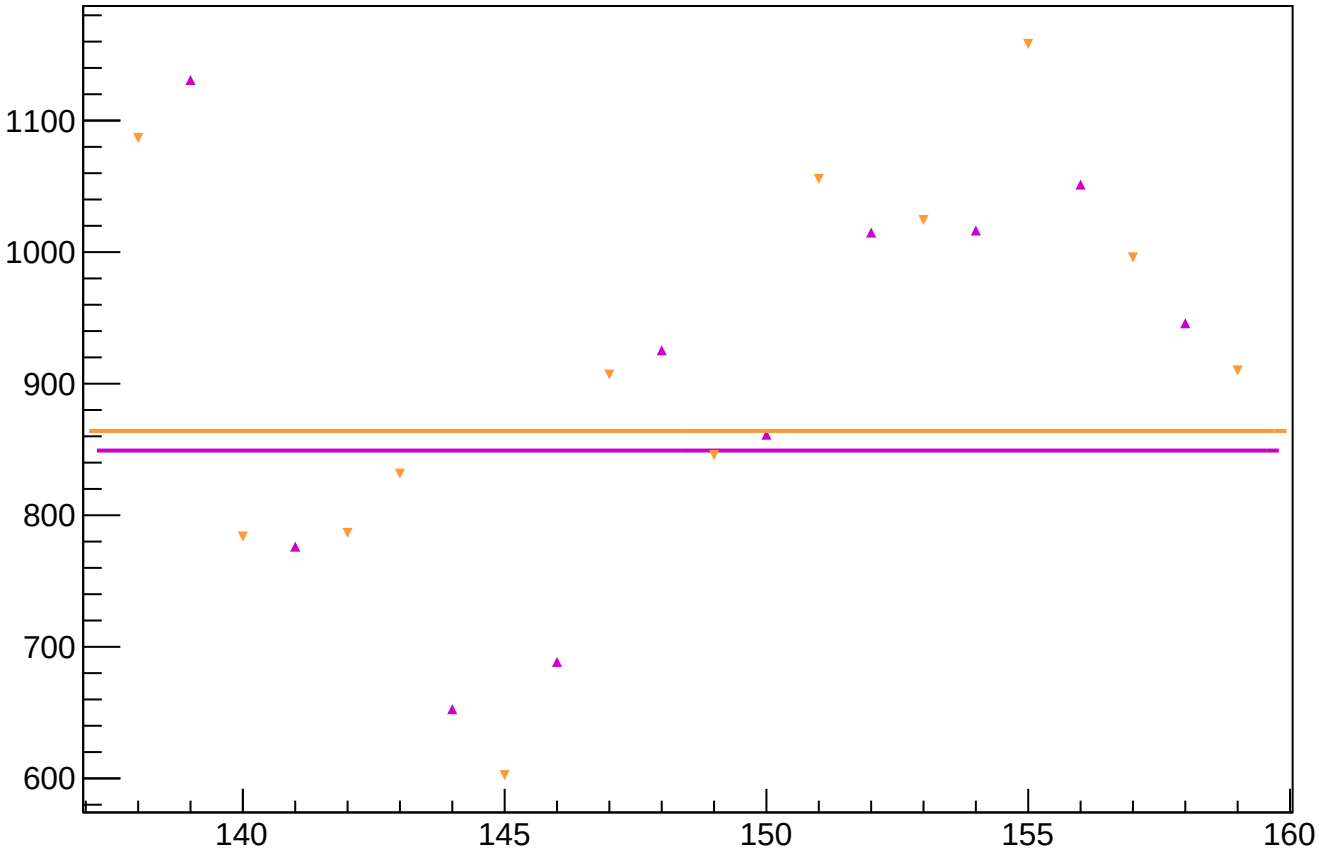
Left In: 367.370+/-301.328 χ^2/NDF:5.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 971.593+/-210.587 χ^2/NDF: 38.8/21

- 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: 864.098+/-0.208 χ^2/NDF:602162.0/11

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

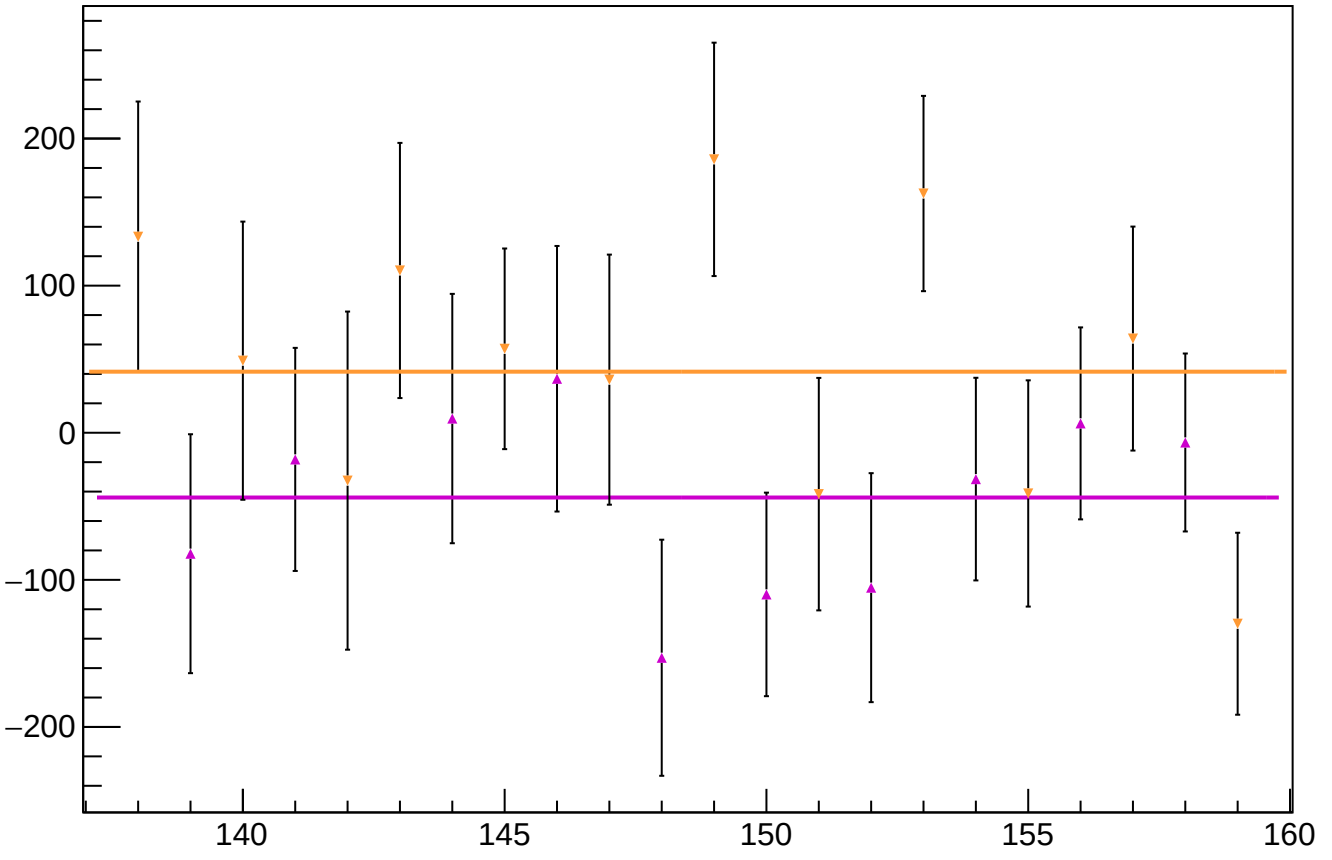
Left In: 849.181+/-0.213 χ^2/NDF:527646.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 856.812+/-0.149 χ^2/NDF: 1132316.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 41.516+/-22.696 χ^2/NDF:18.8/11

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

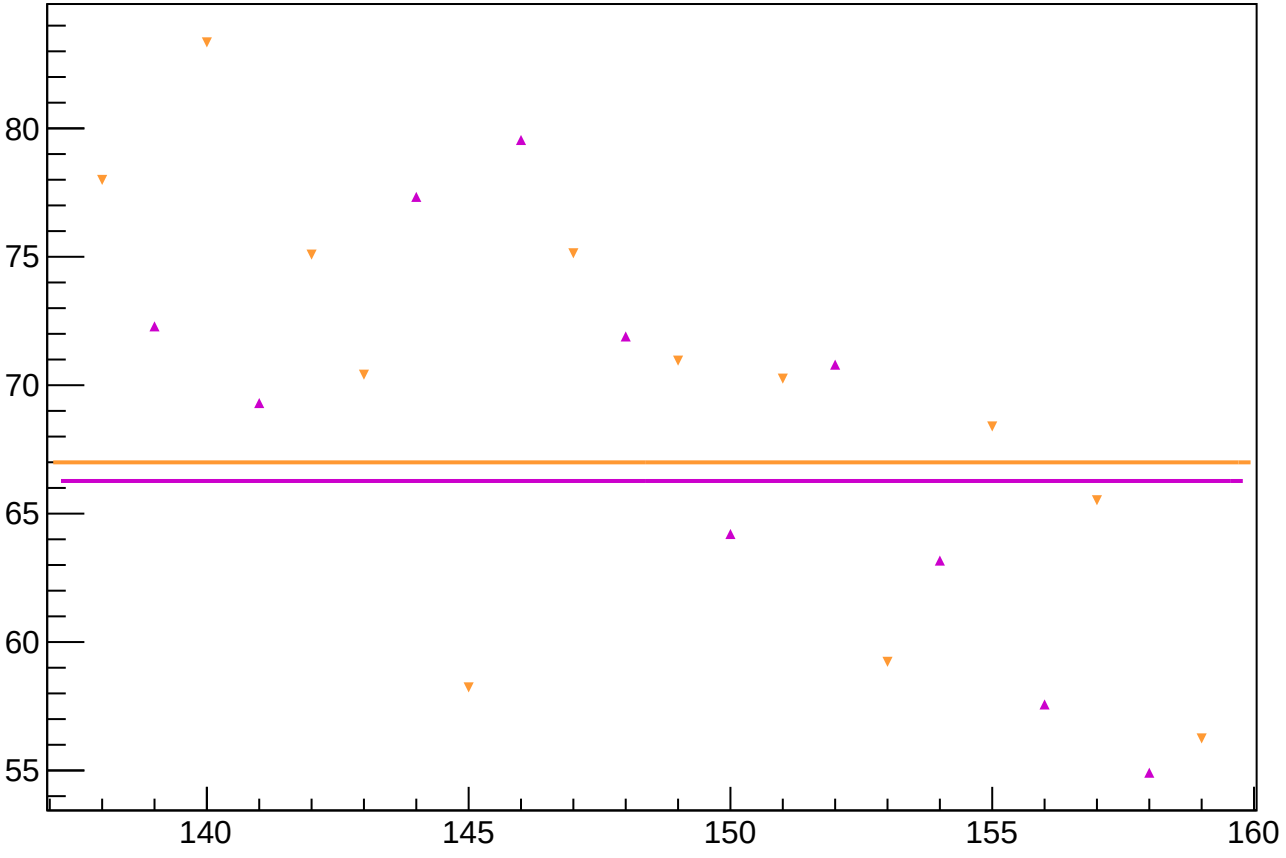
Left In: -44.030+/-23.340 χ^2/NDF:5.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.061+/-16.272 χ^2/NDF: 31.6/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 66.996+/-0.016 χ^2/NDF:250371.5/11

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

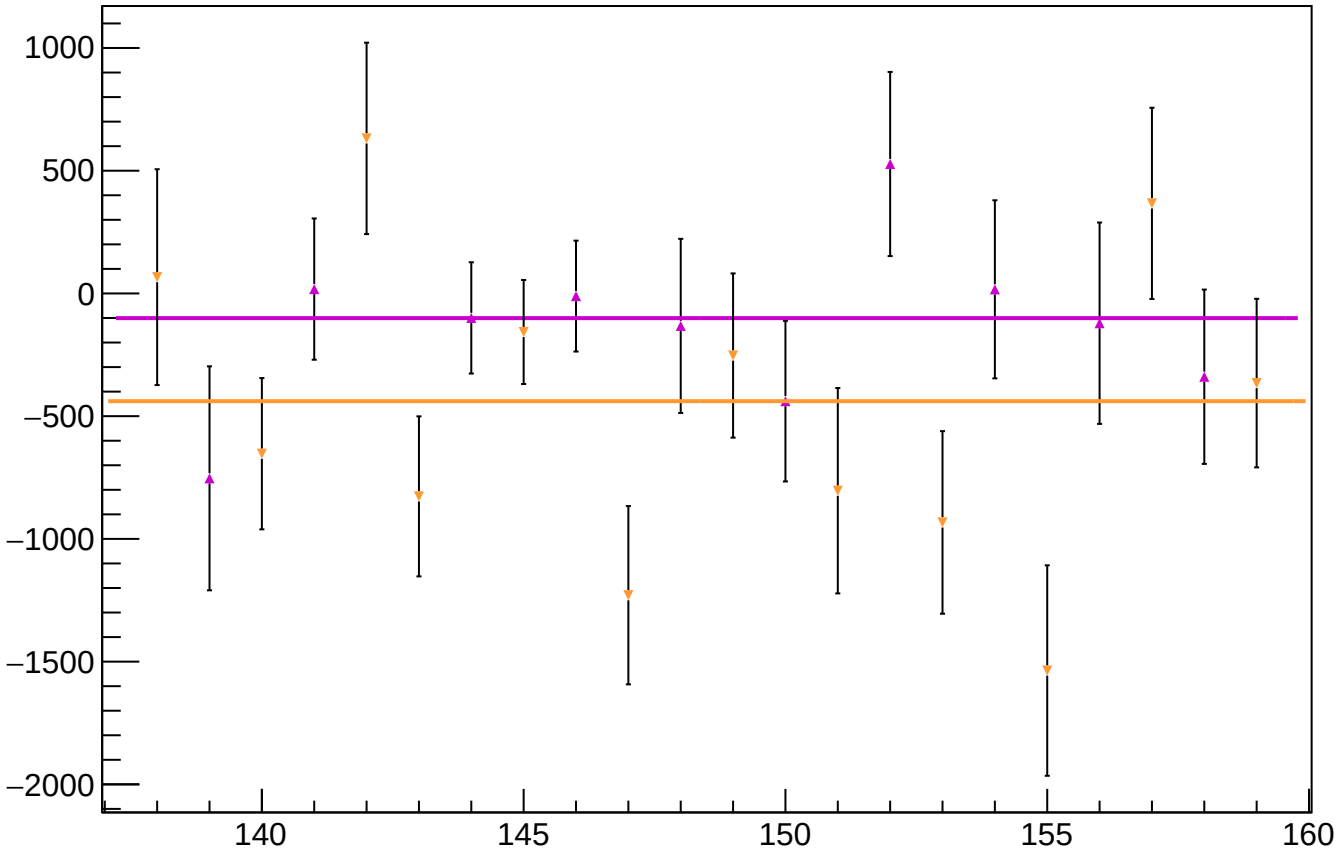
Left In: 66.271+/-0.017 χ^2/NDF:220034.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.644+/-0.012 χ^2/NDF: 471398.2/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -438.848+/-98.093 χ^2/NDF:31.0/11

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

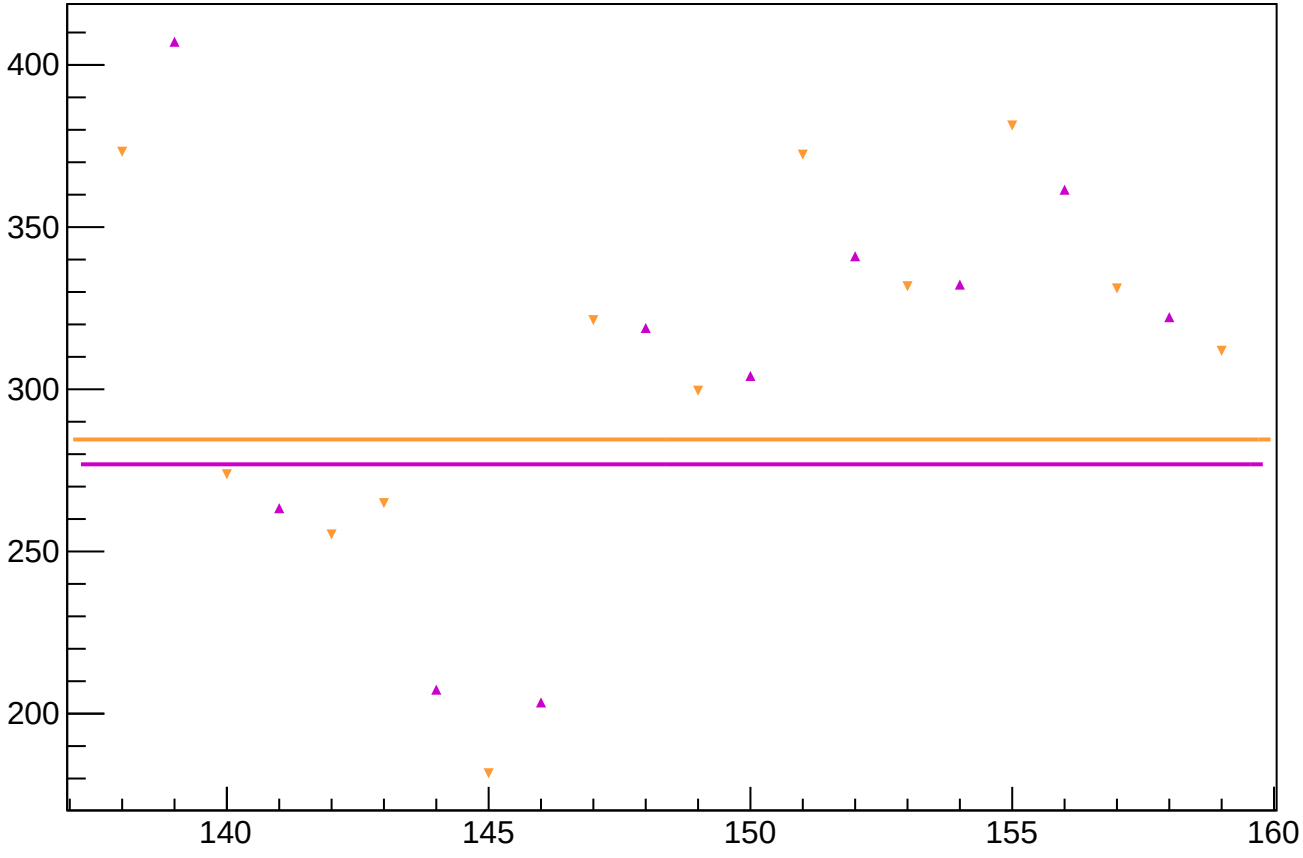
Left In: -100.555+/-99.103 χ^2/NDF:6.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -271.433+/-69.717 χ^2/NDF: 43.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 284.522+/-0.069 χ^2/NDF:862024.4/11

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

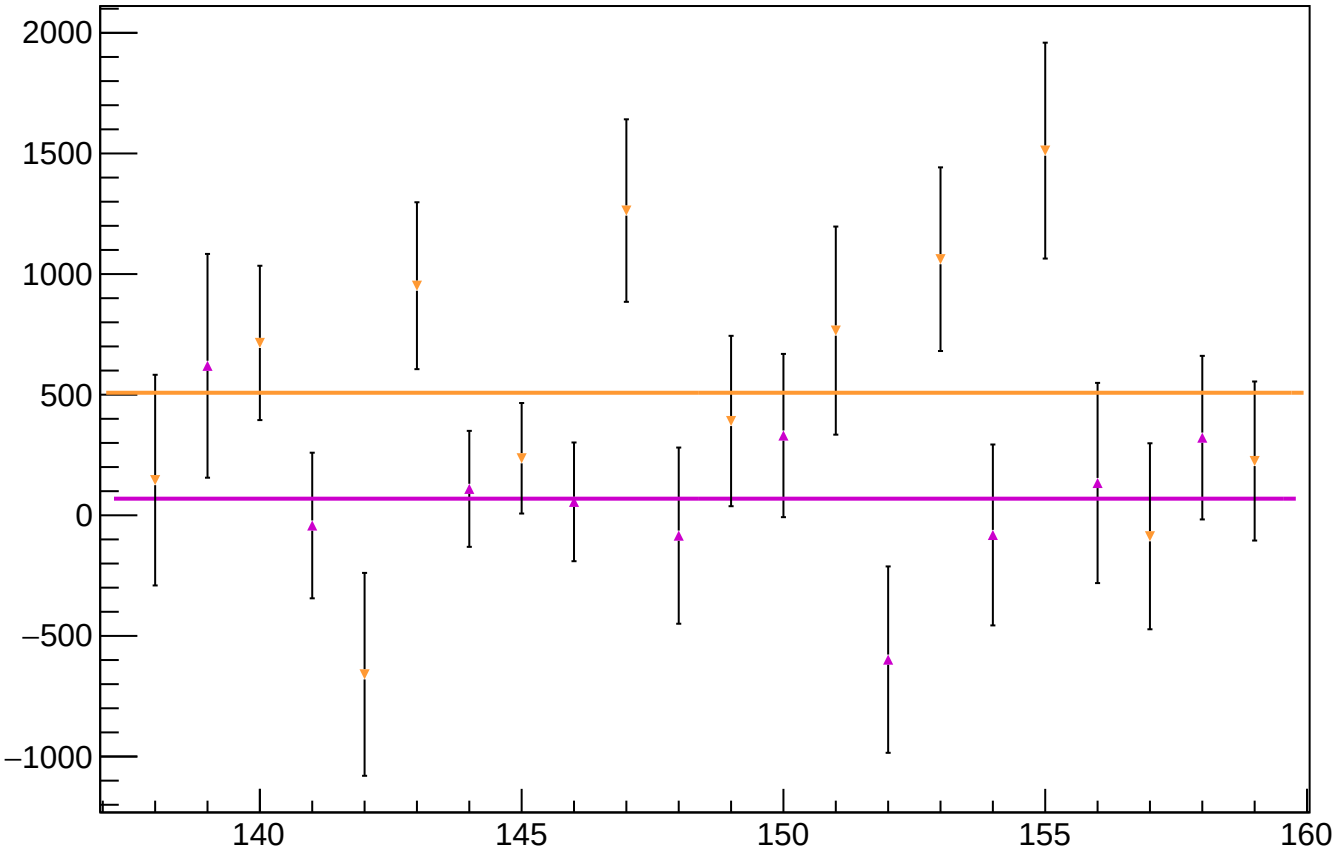
Left In: 276.872+/-0.070 χ^2/NDF:831633.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 280.736+/-0.049 χ^2/NDF: 1699677.1/21

- 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: 508.015+/-101.912 χ^2/NDF:26.6/11

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

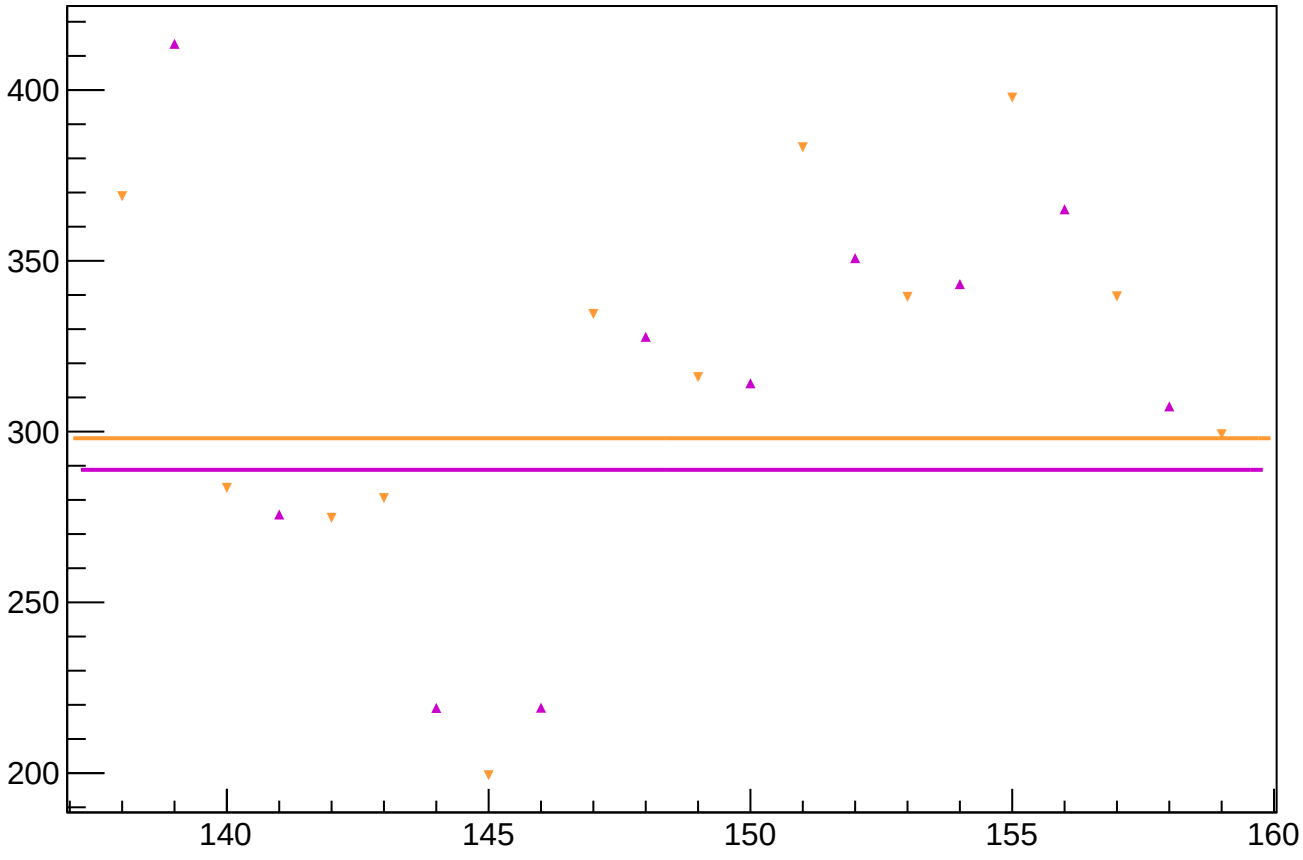
Left In: 68.920+/-103.146 χ^2/NDF:6.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 291.108+/-72.495 χ^2/NDF: 41.8/21

- 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: 298.057+/-0.072 χ^2/NDF:686917.1/11

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

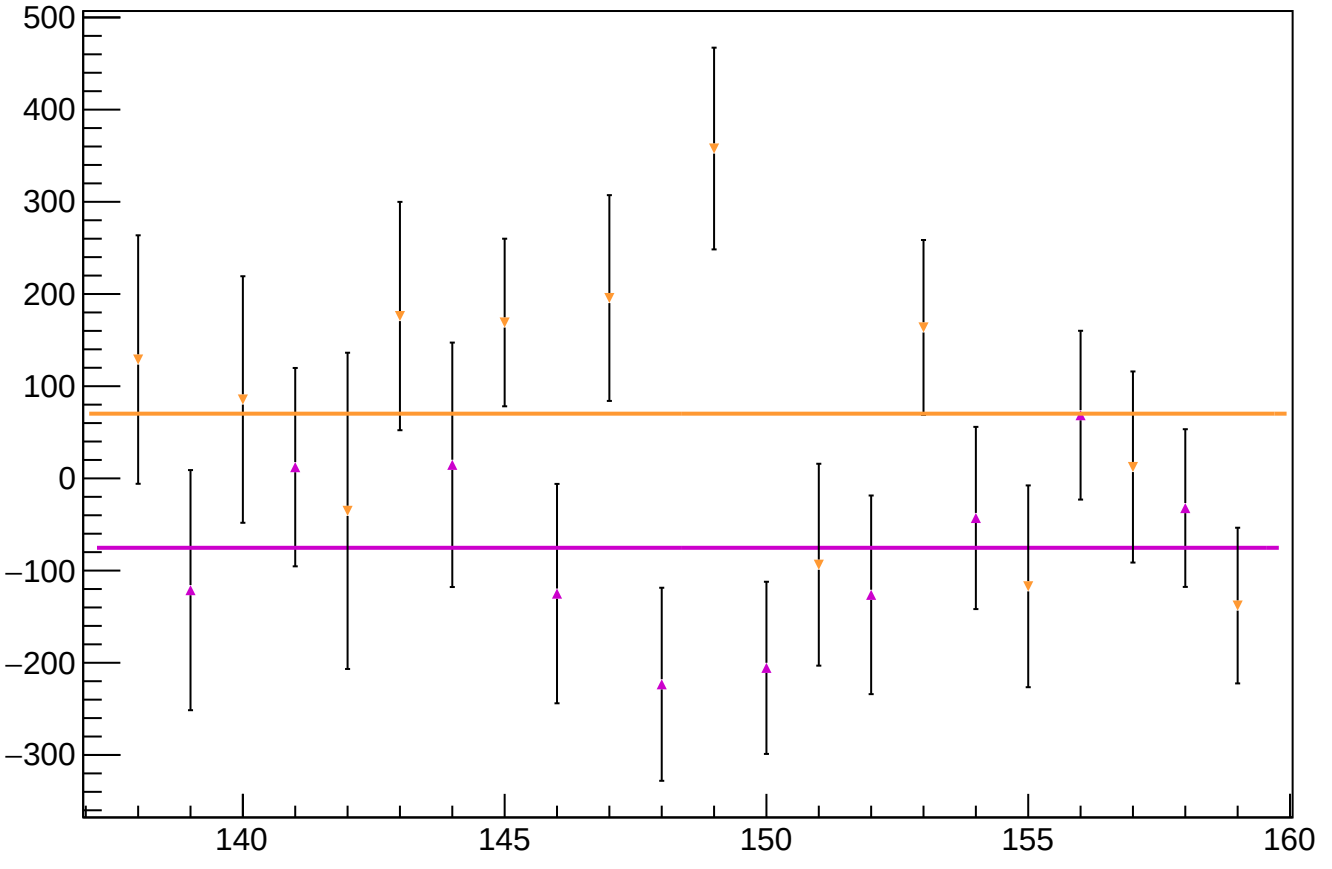
Left In: 288.813+/-0.073 χ^2/NDF:677908.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 293.490+/-0.051 χ^2/NDF: 1372954.2/21

- 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: 70.204+/-31.521 χ^2/NDF:23.2/11

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

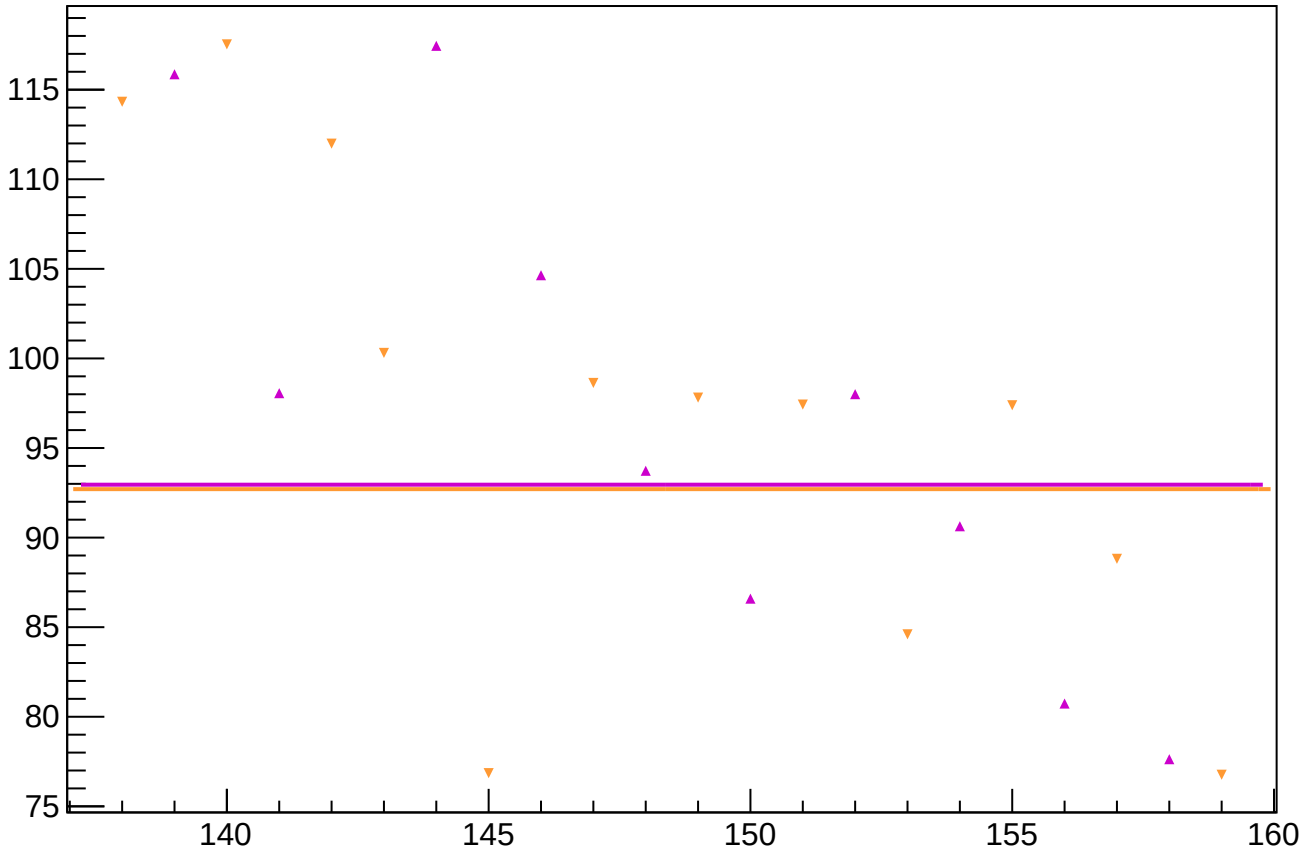
Left In: -75.285+/-32.909 χ^2/NDF:8.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.594+/-22.763 χ^2/NDF: 41.8/21

- 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: 92.704+/-0.022 χ^2/NDF:320154.5/11

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

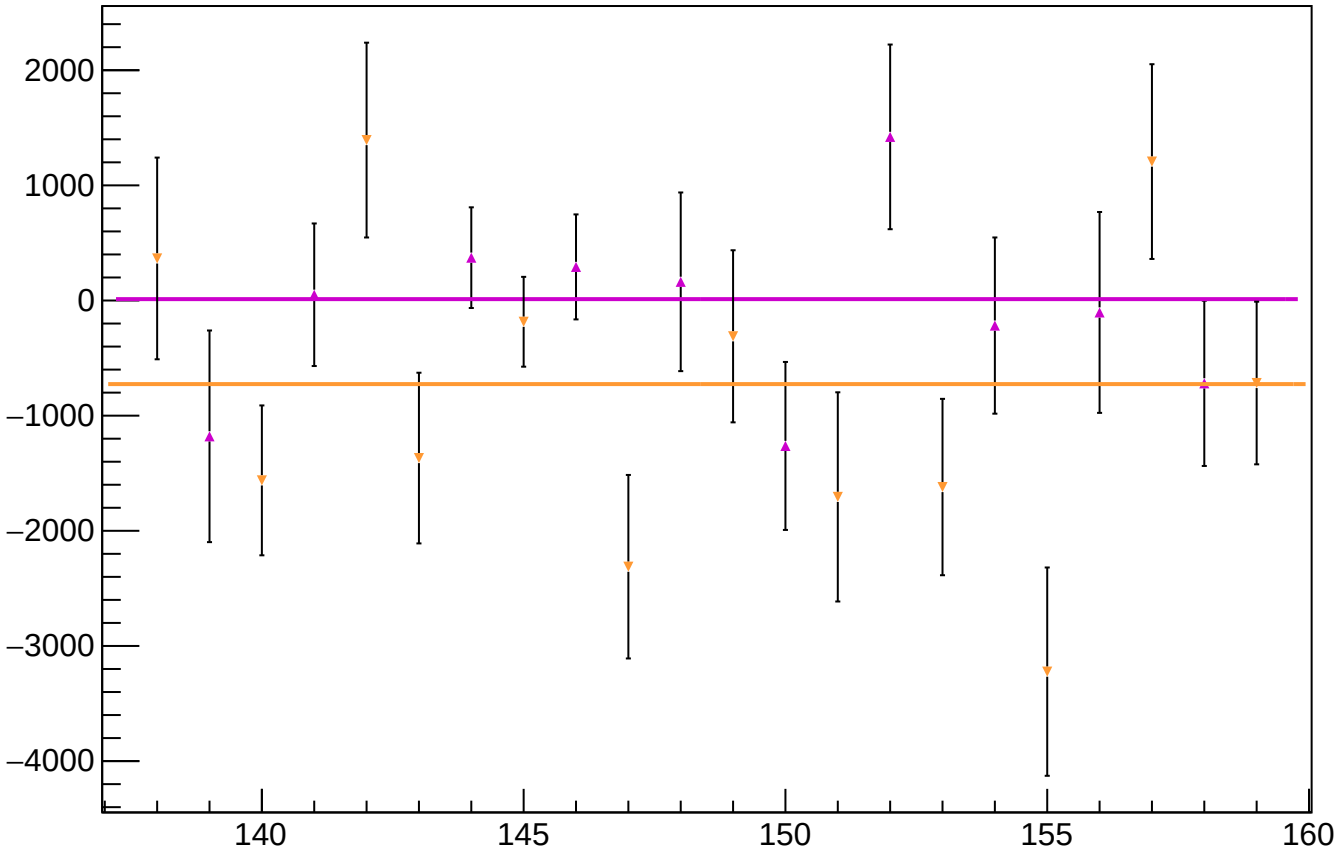
Left In: 92.952+/-0.023 χ^2/NDF:268651.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 92.823+/-0.016 χ^2/NDF: 588865.6/21

- 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: -725.887+/-202.606 χ^2/NDF:31.8/11

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

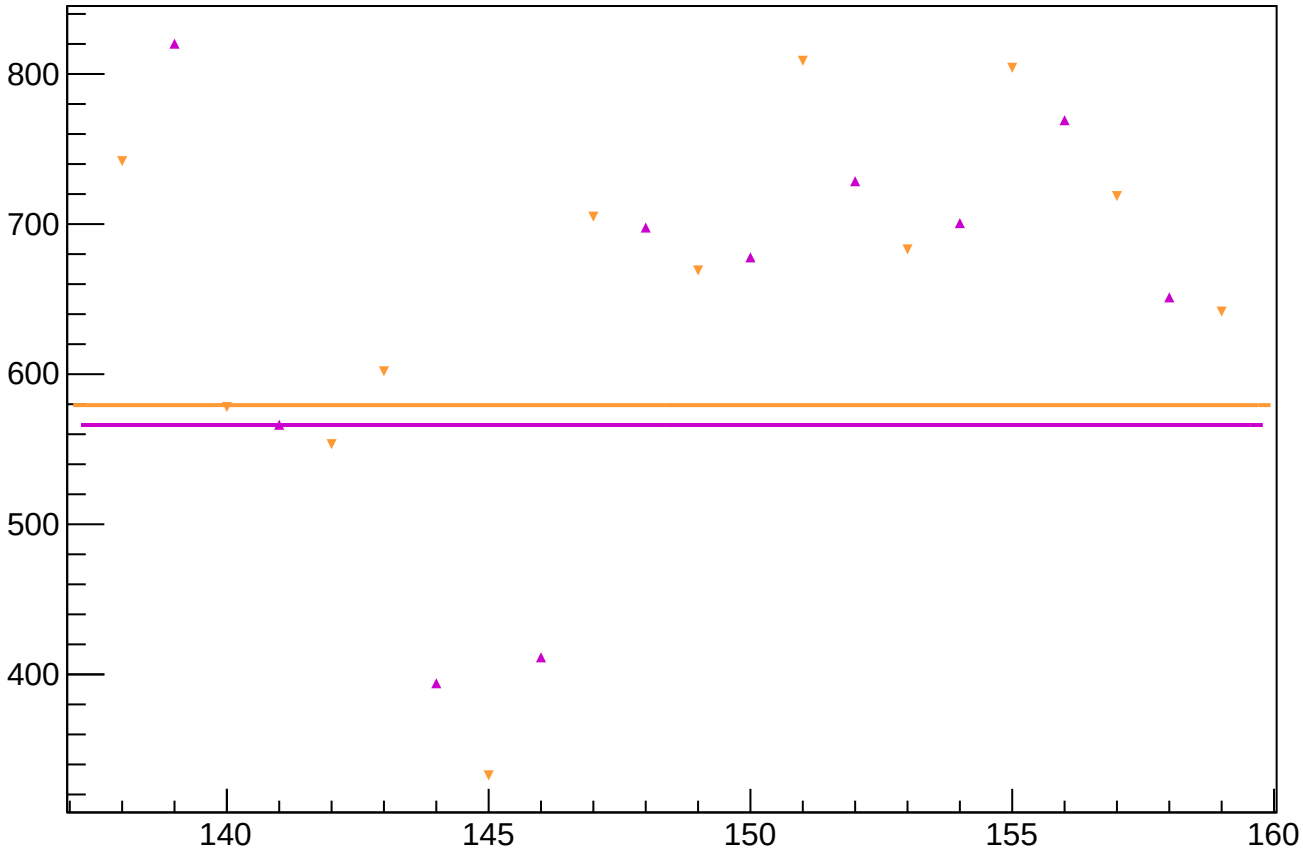
Left In: 12.031+/-204.568 χ^2/NDF:10.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -360.484+/-143.953 χ^2/NDF: 48.4/21

- 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: 579.401+/-0.143 χ^2/NDF:1308202.4/11

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

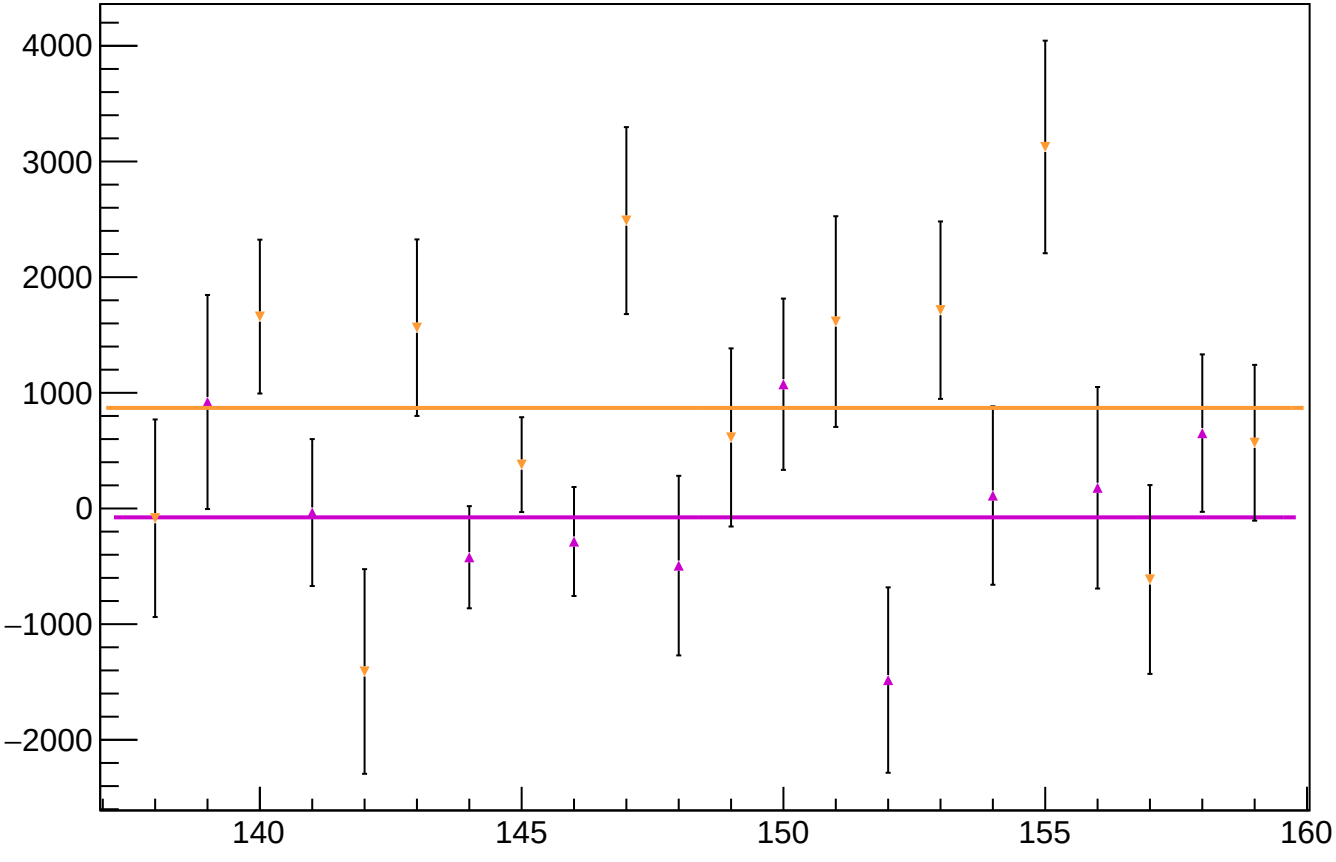
Left In: 566.141+/-0.145 χ^2/NDF:1077723.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 572.835+/-0.102 χ^2/NDF: 2390168.3/21

- 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: 869.766+/-205.901 χ^2/NDF:27.1/11

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

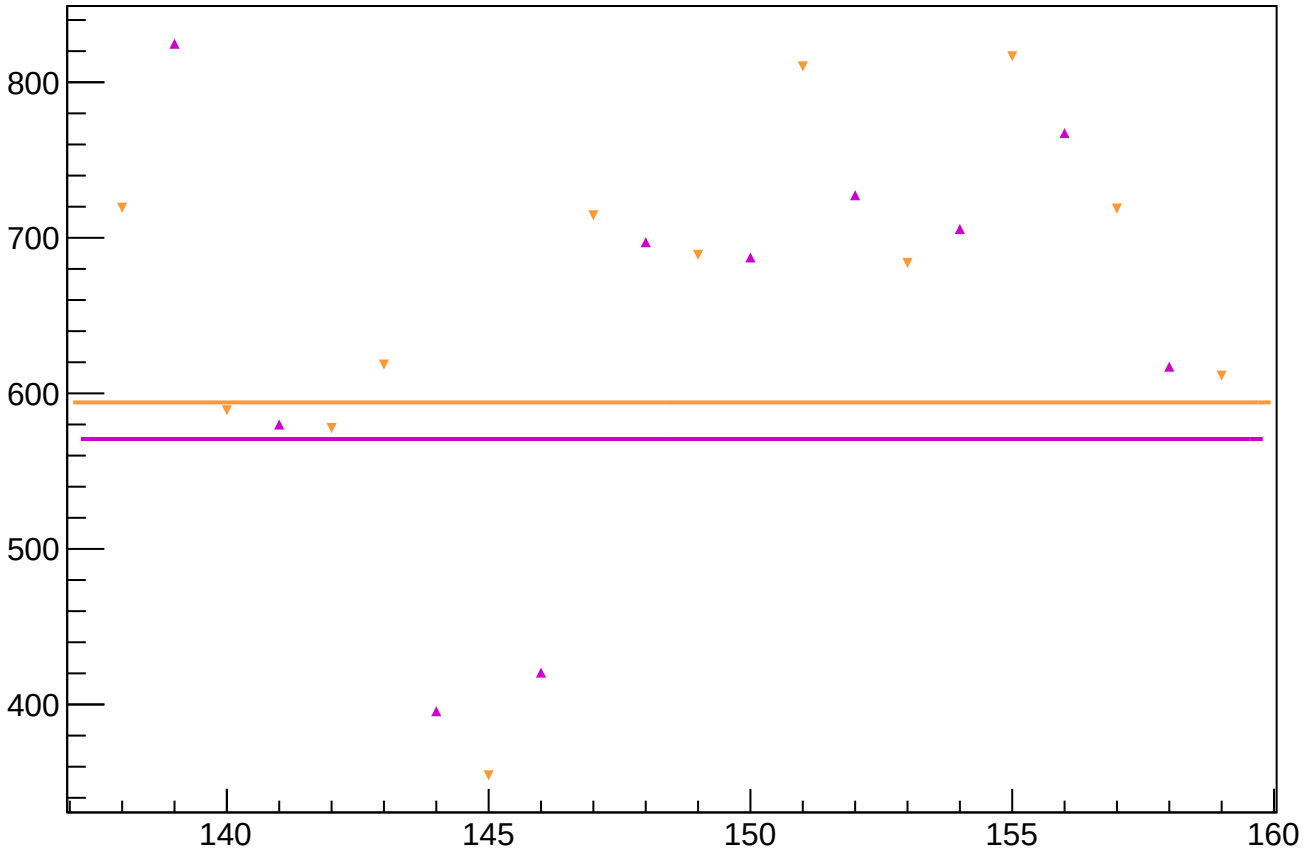
Left In: -76.510+/-206.396 χ^2/NDF:9.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 397.763+/-145.769 χ^2/NDF: 46.7/21

- 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: 594.189+/-0.146 χ^2/NDF:1109100.5/11

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

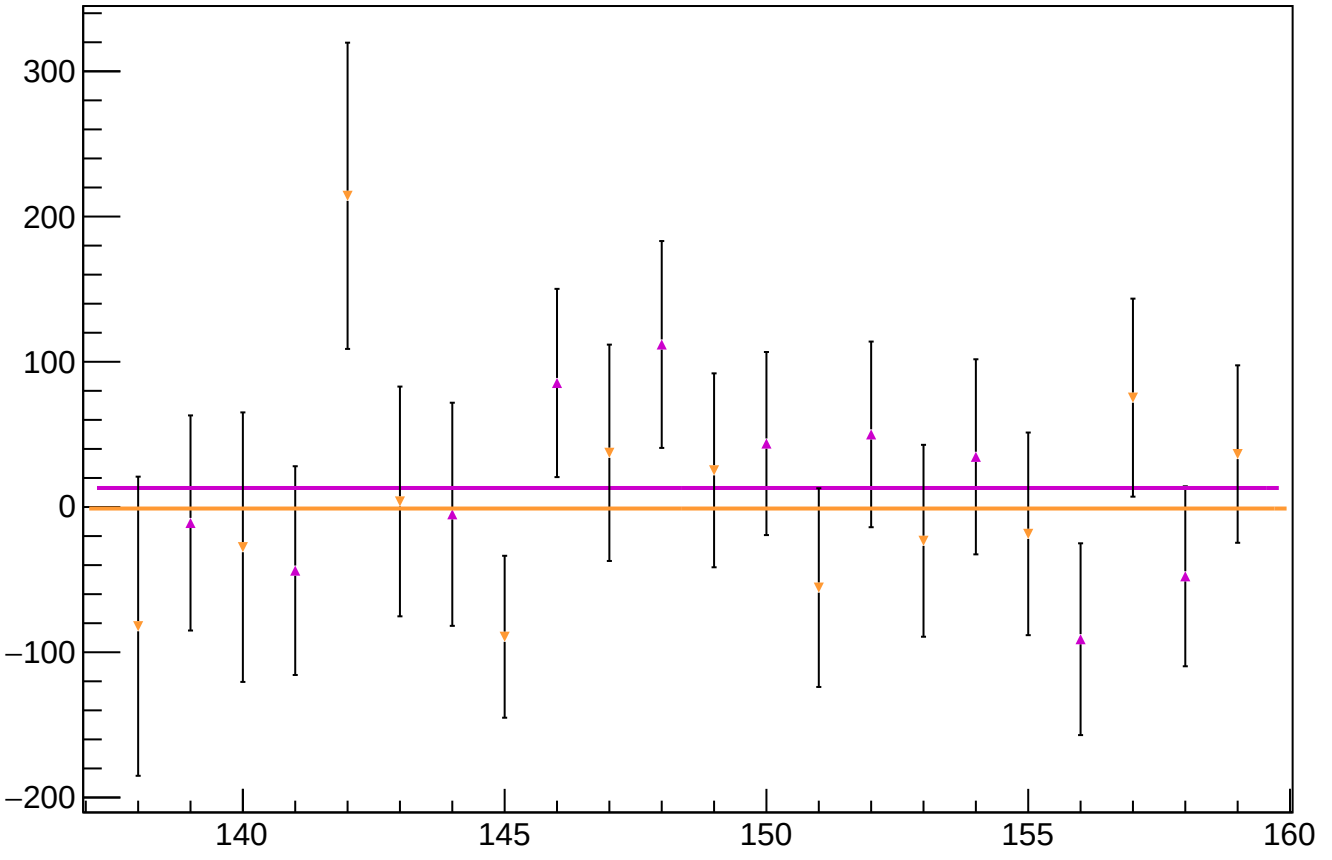
Left In: 570.655+/-0.146 χ^2/NDF:1020338.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 582.450+/-0.103 χ^2/NDF: 2142471.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -1.036+/-20.770 χ^2/NDF:10.2/11

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

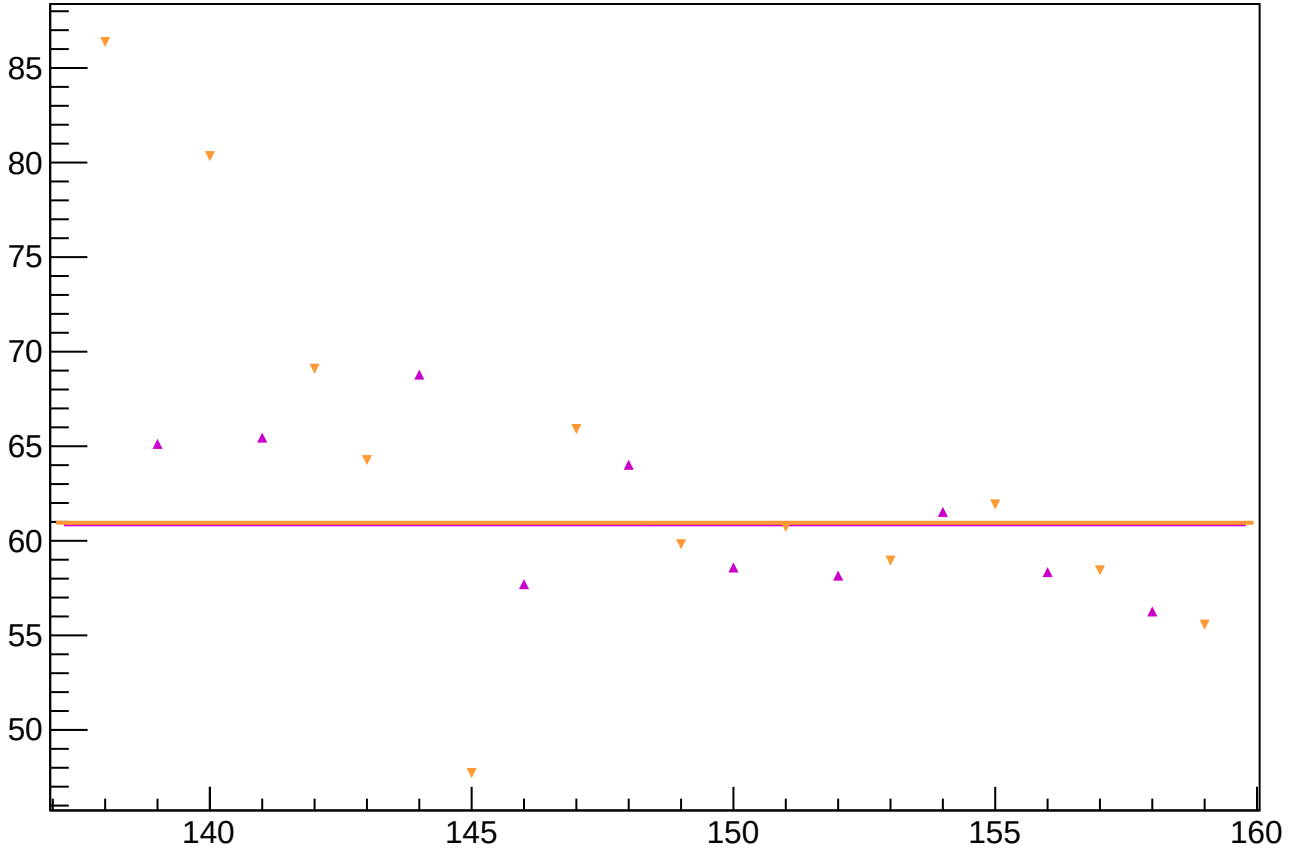
Left In: 13.105+/-21.374 χ^2/NDF:8.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.832+/-14.896 χ^2/NDF: 18.5/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 60.954+/-0.015 χ^2/NDF:367203.6/11

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

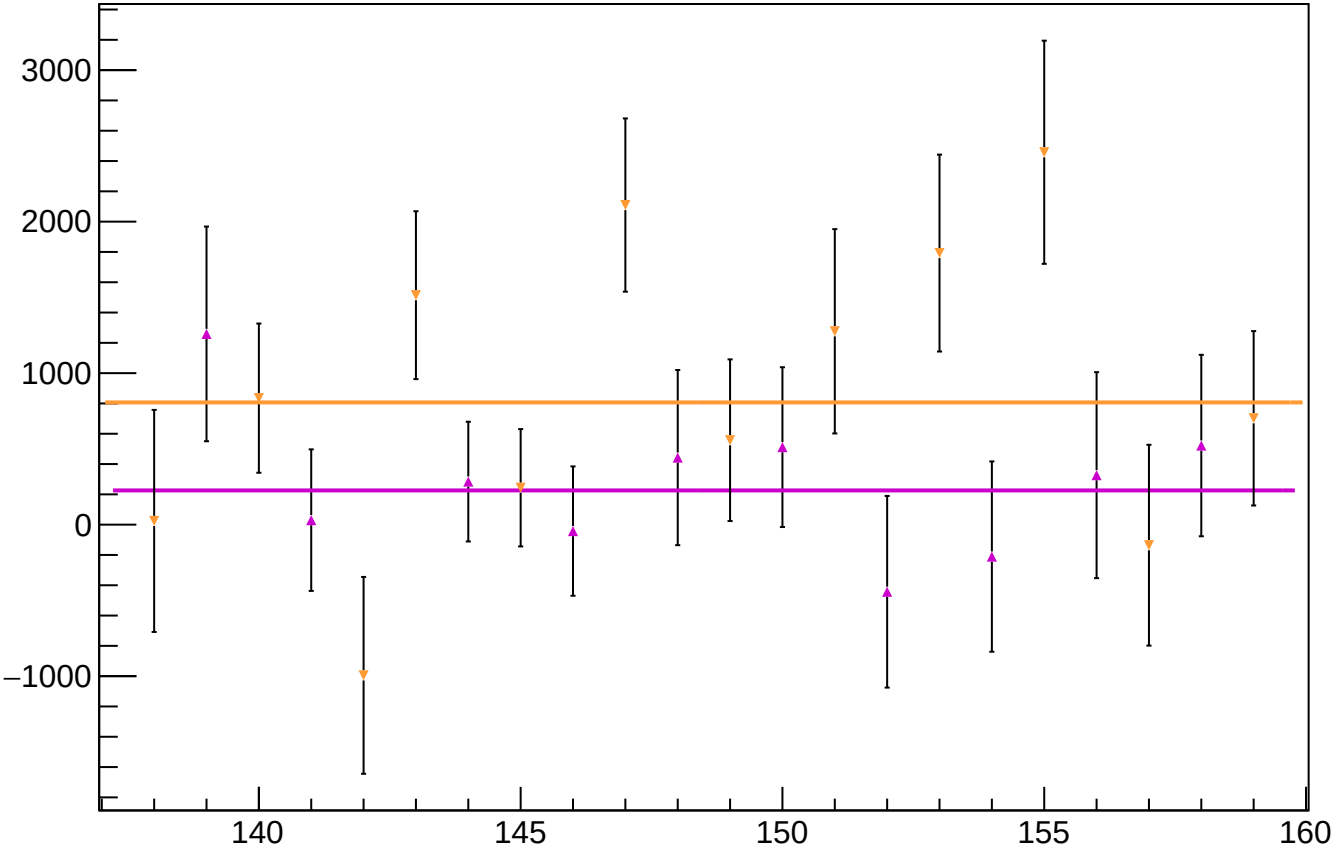
Left In: 60.874+/-0.015 χ^2/NDF:65045.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.915+/-0.011 χ^2/NDF: 432263.2/21

- 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: 806.755+/-165.378 χ^2/NDF:27.9/11

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

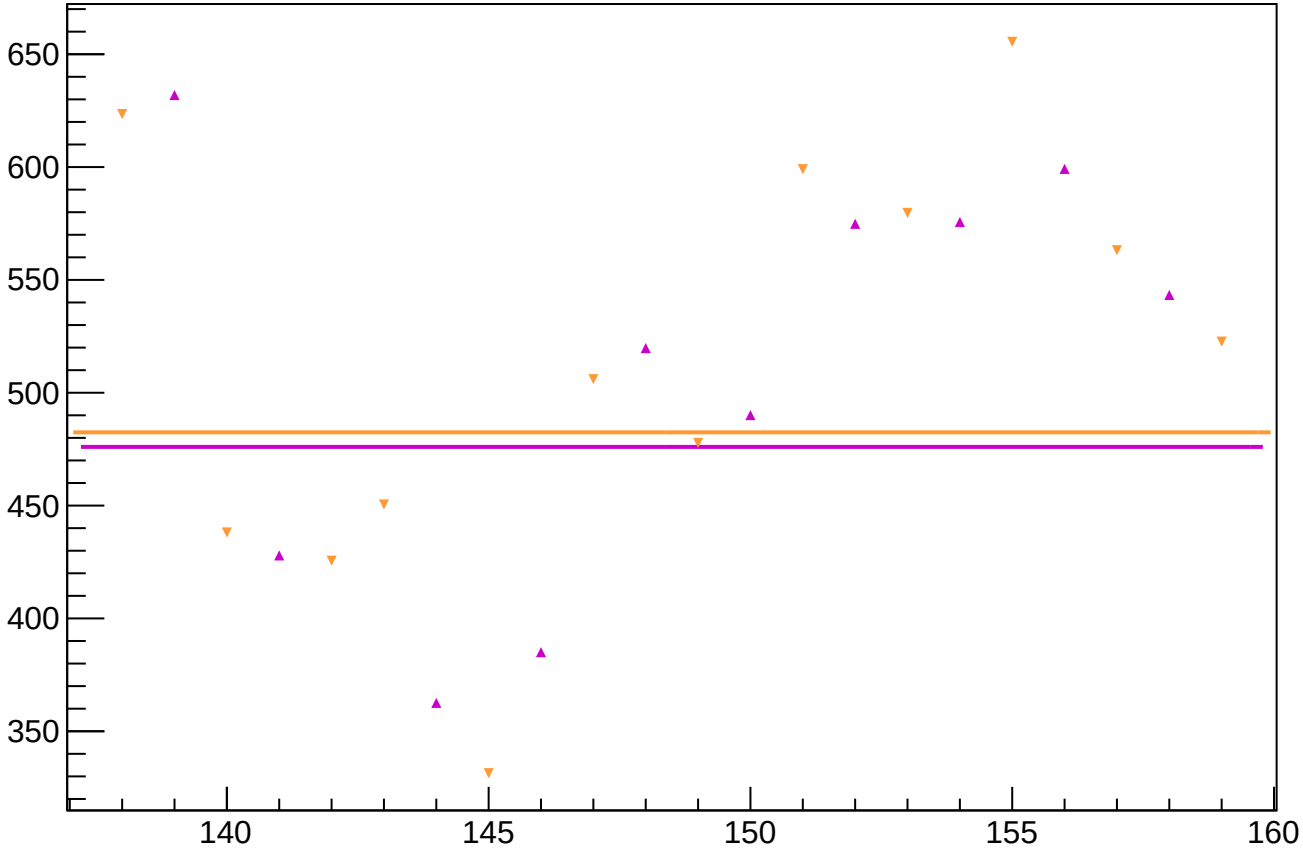
Left In: 225.955+/-168.920 χ^2/NDF:5.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 522.508+/-118.172 χ^2/NDF: 38.9/21

- 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: 482.451+/-0.117 χ^2/NDF:674561.3/11

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

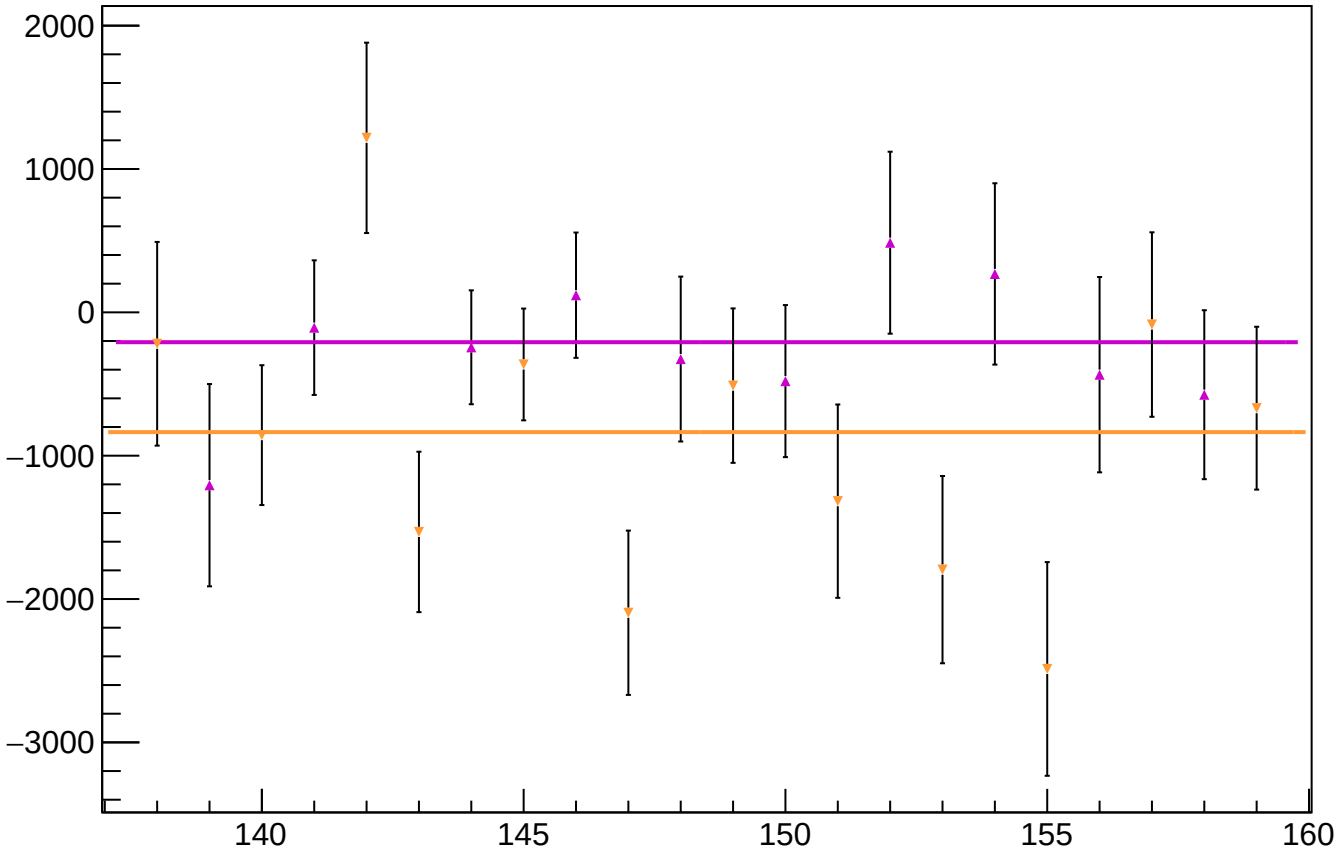
Left In: 476.007+/-0.119 χ^2/NDF:576728.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 479.297+/-0.084 χ^2/NDF: 1252775.7/21

- 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: -835.561+/-165.366 χ^2/NDF:27.5/11

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

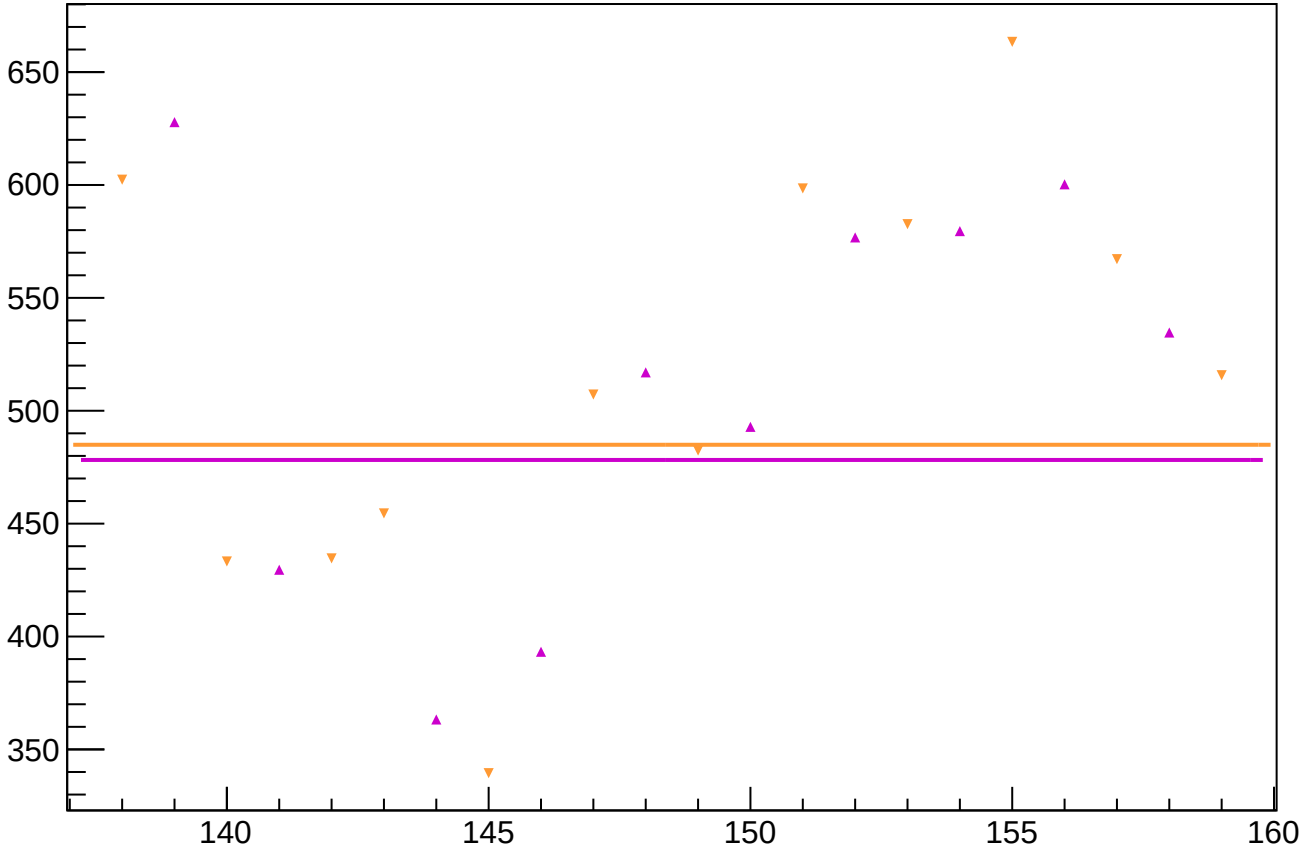
Left In: -208.282+/-169.749 χ^2/NDF:5.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -530.124+/-118.451 χ^2/NDF: 39.7/21

- 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: 484.935+/-0.117 χ^2/NDF:630477.8/11

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

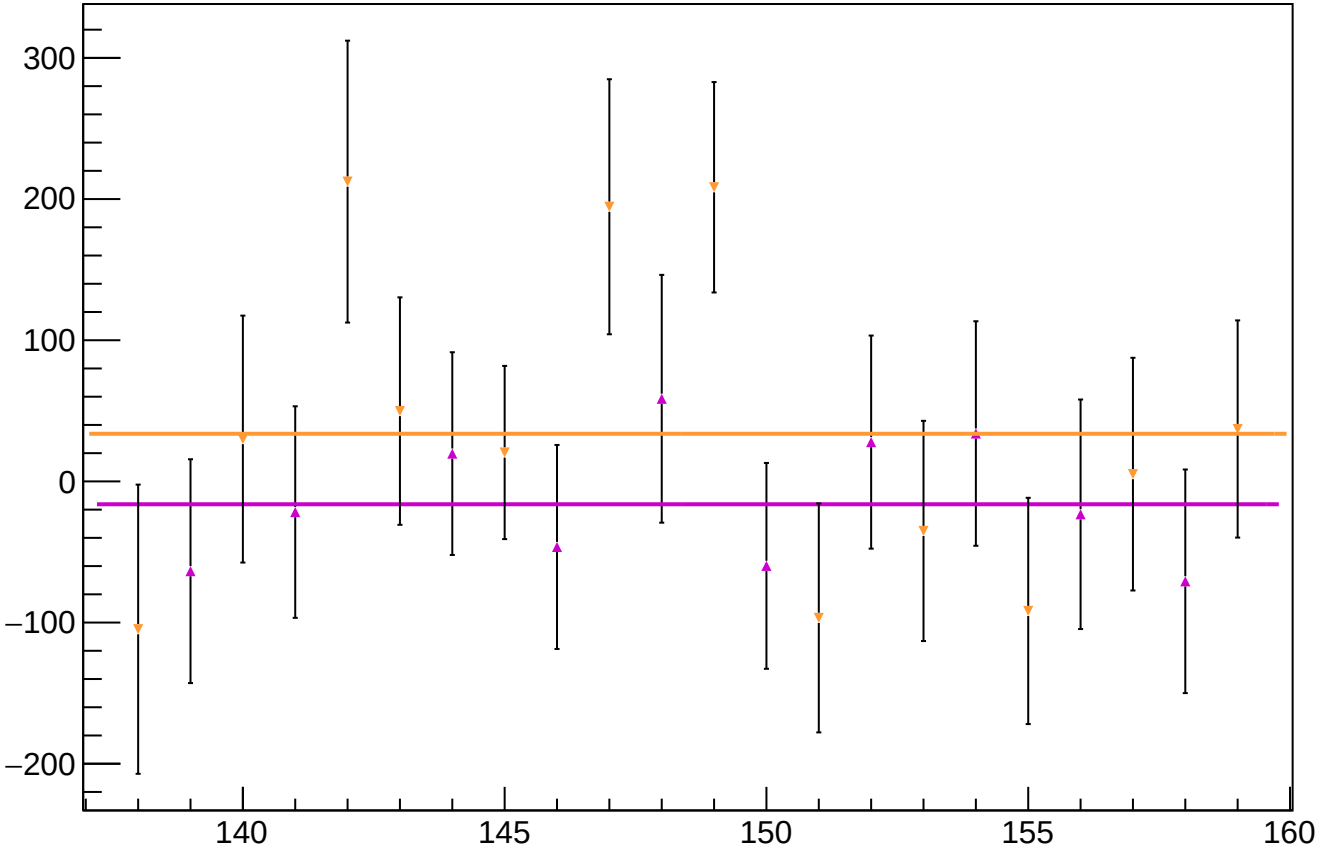
Left In: 478.208+/-0.120 χ^2/NDF:547102.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 481.660+/-0.084 χ^2/NDF: 1179192.1/21

- 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: 33.748+/-23.333 χ^2/NDF:19.7/11

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

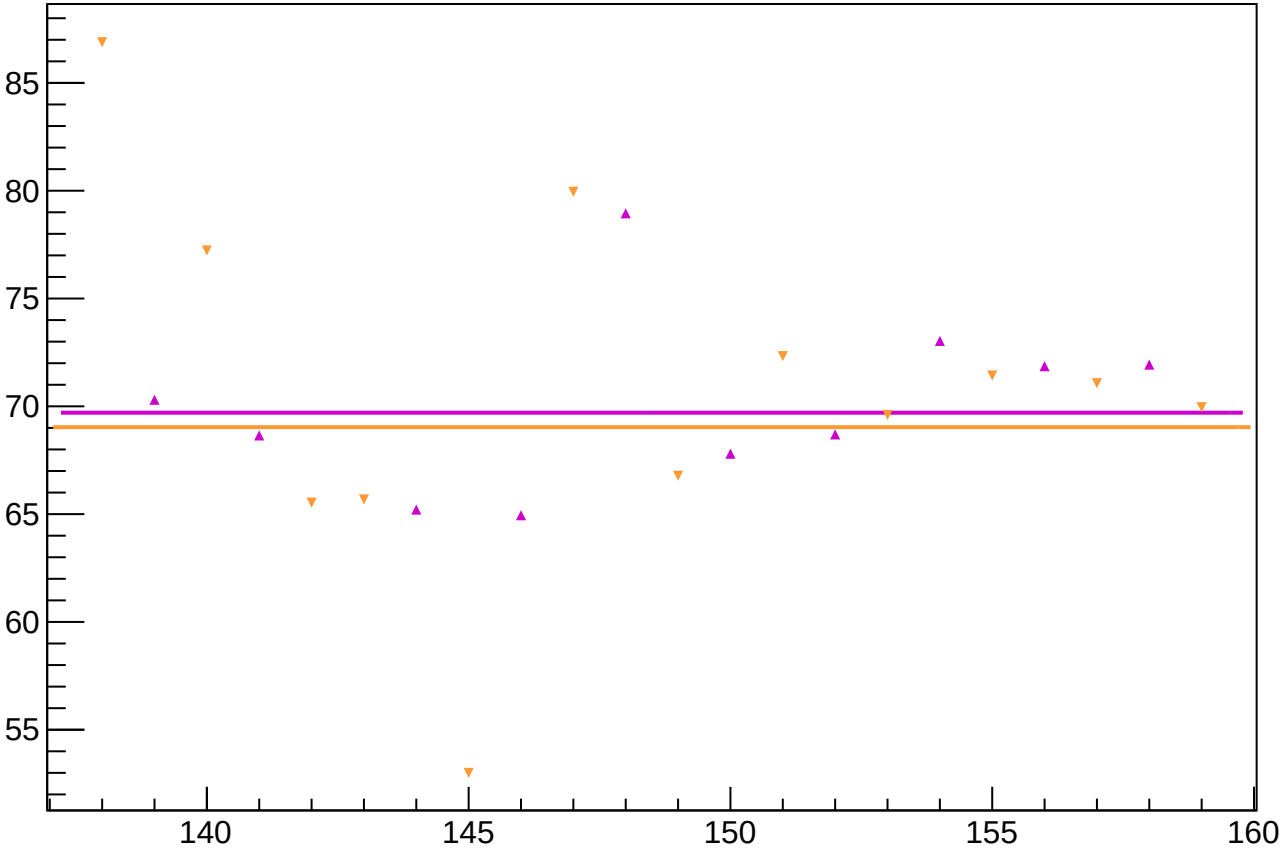
Left In: -16.192+/-24.363 χ^2/NDF:3.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.856+/-16.851 χ^2/NDF: 25.0/21

- 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: 69.034+/-0.016 χ^2/NDF:258553.4/11

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

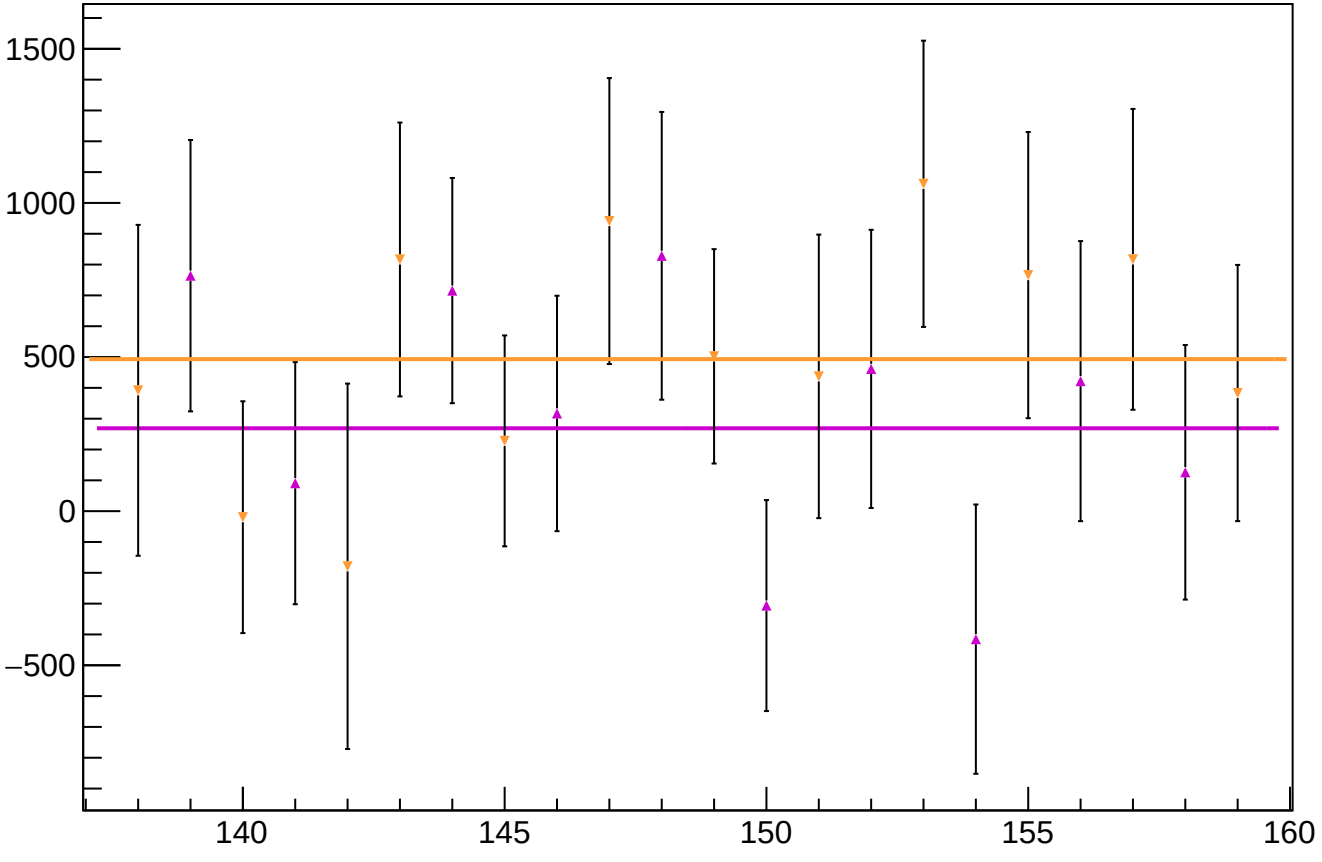
Left In: 69.705+/-0.017 χ^2/NDF:47413.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.355+/-0.012 χ^2/NDF: 306759.0/21

- 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: 493.247+/-125.089 χ^2/NDF:7.6/11

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

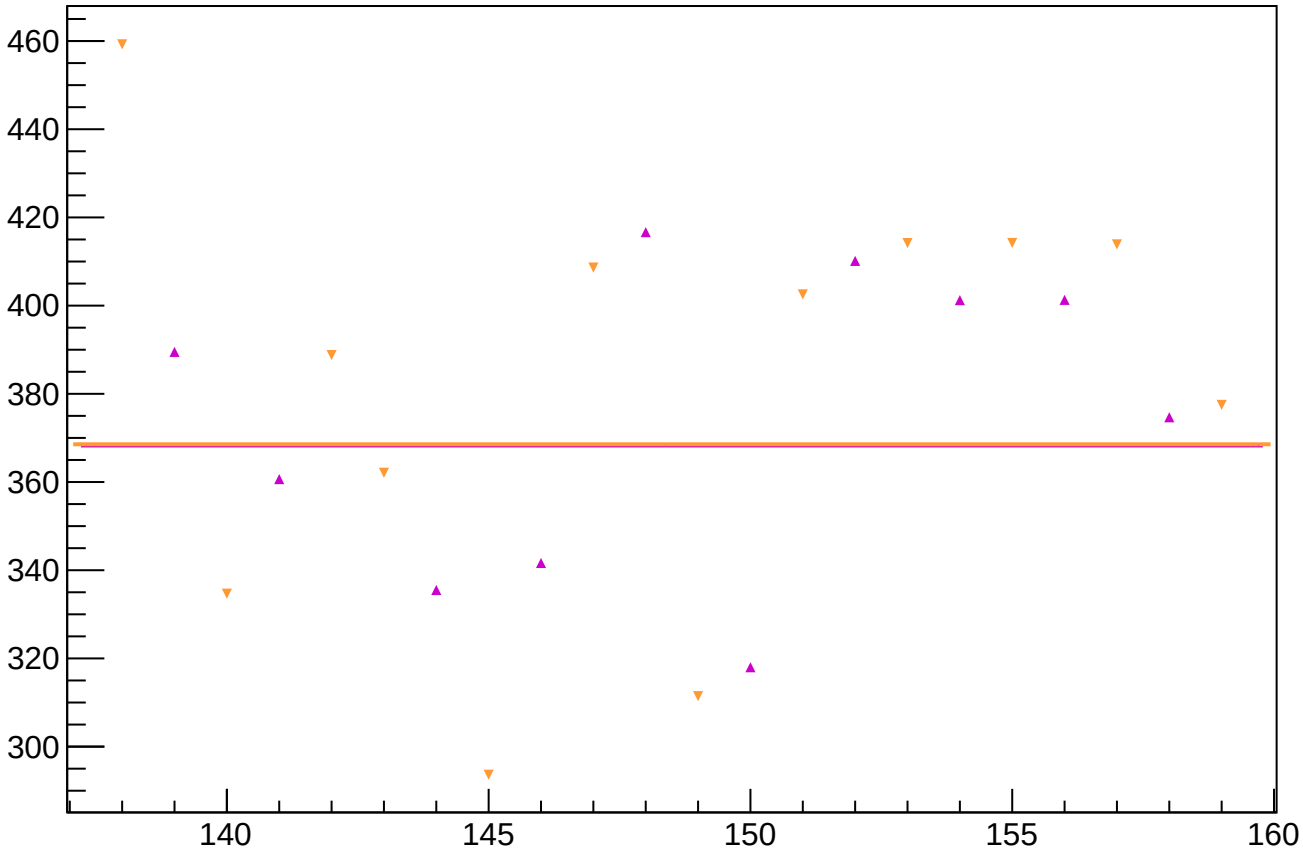
Left In: 268.884+/-129.131 χ^2/NDF:10.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 384.632+/-89.846 χ^2/NDF: 19.3/21

- 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: 368.558+/-0.088 χ^2/NDF:308669.5/11

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

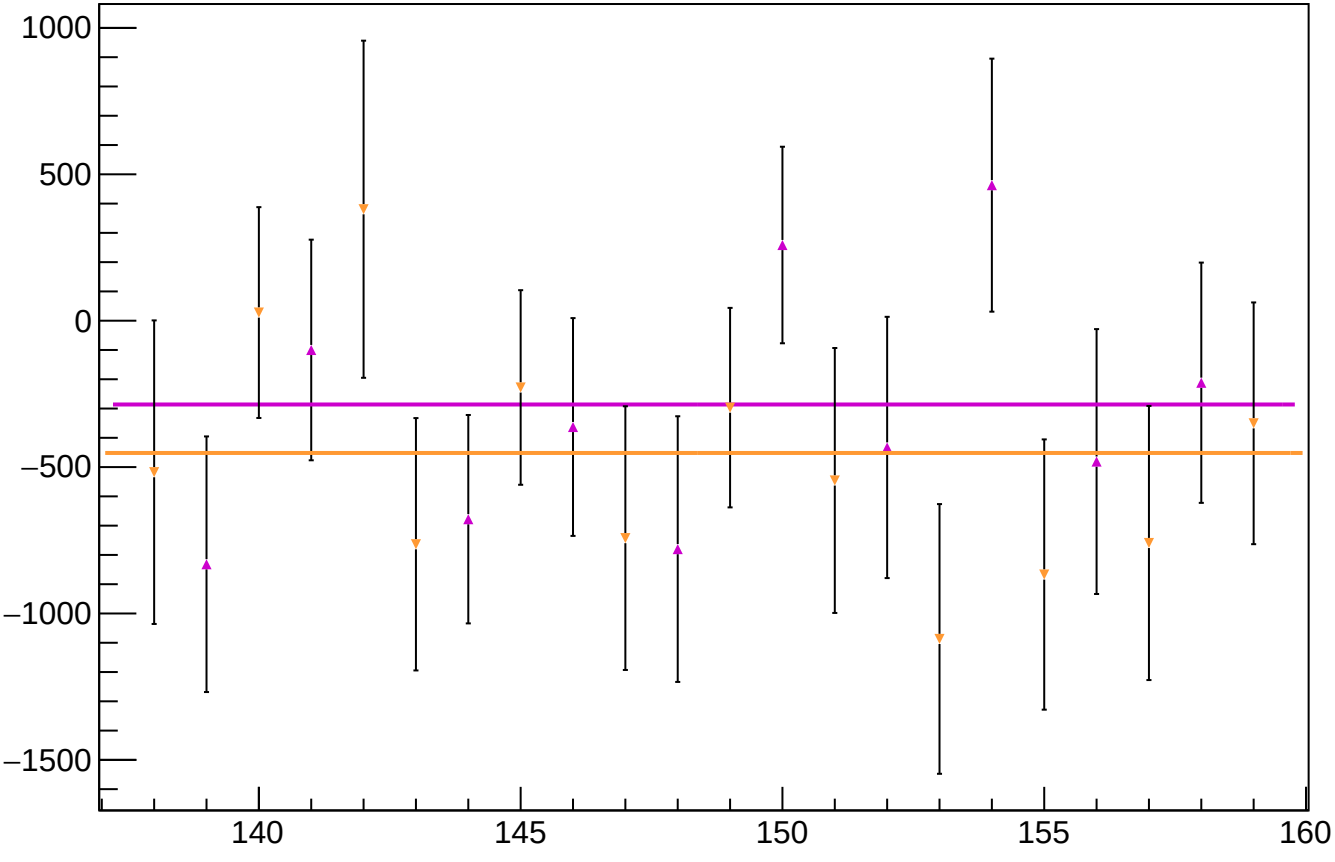
Left In: 368.293+/-0.091 χ^2/NDF:135510.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 368.430+/-0.064 χ^2/NDF: 444184.2/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -451.729+/-122.024 χ^2/NDF:8.7/11

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

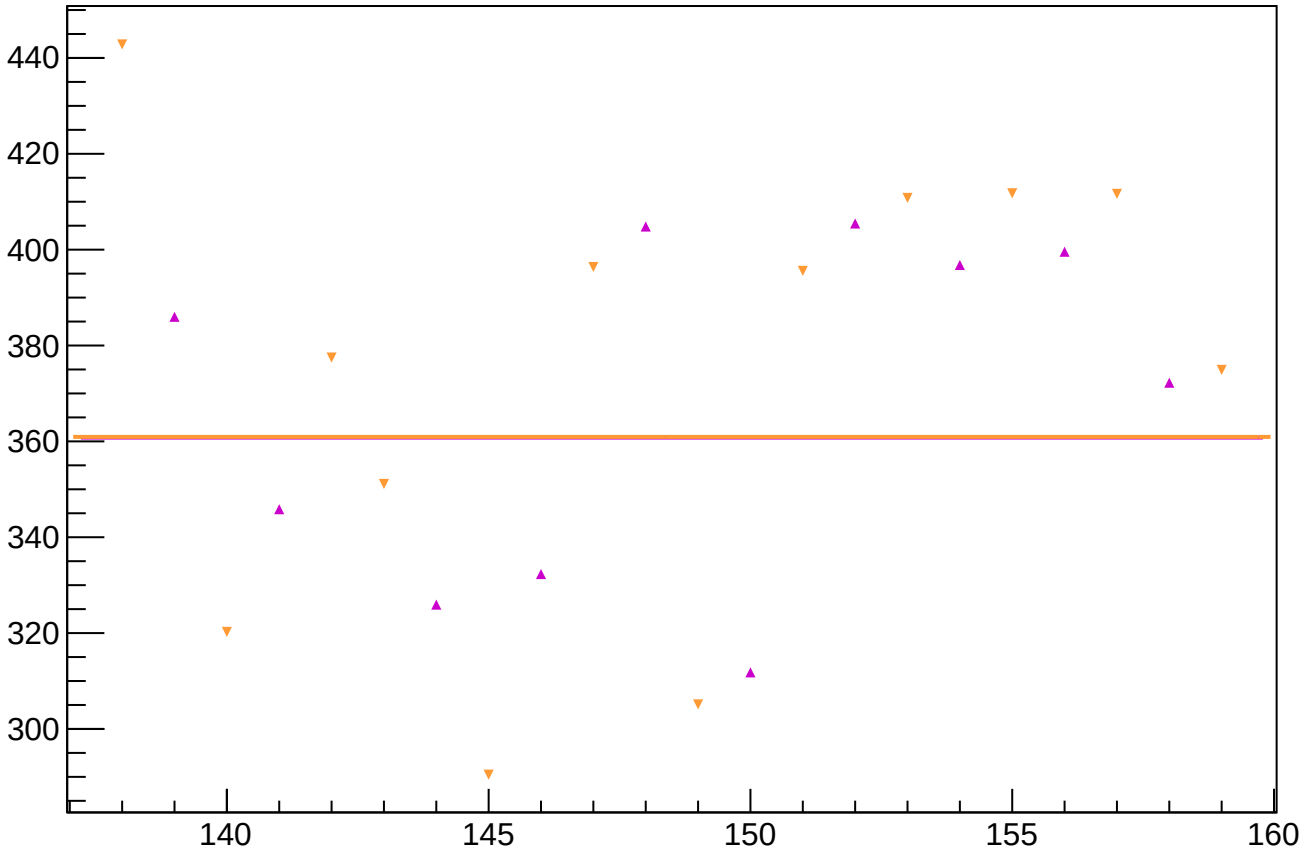
Left In: -286.174+/-126.641 χ^2/NDF:10.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -372.025+/-87.871 χ^2/NDF: 19.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 360.934+/-0.086 χ^2/NDF:319334.4/11

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

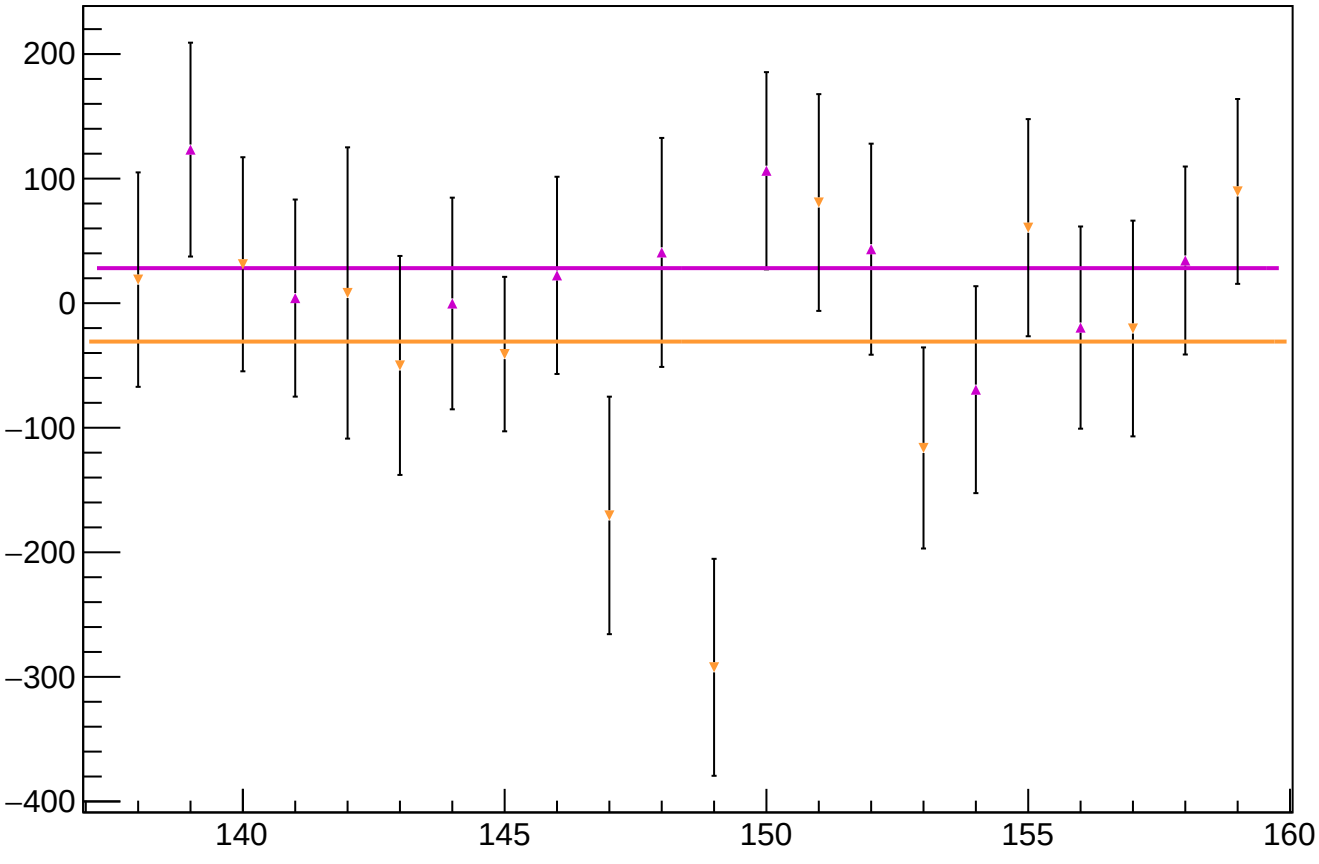
Left In: 360.792+/-0.090 χ^2/NDF:152339.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 360.865+/-0.062 χ^2/NDF: 471675.3/21

- 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: -30.823+/-24.203 χ^2/NDF:18.7/11

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

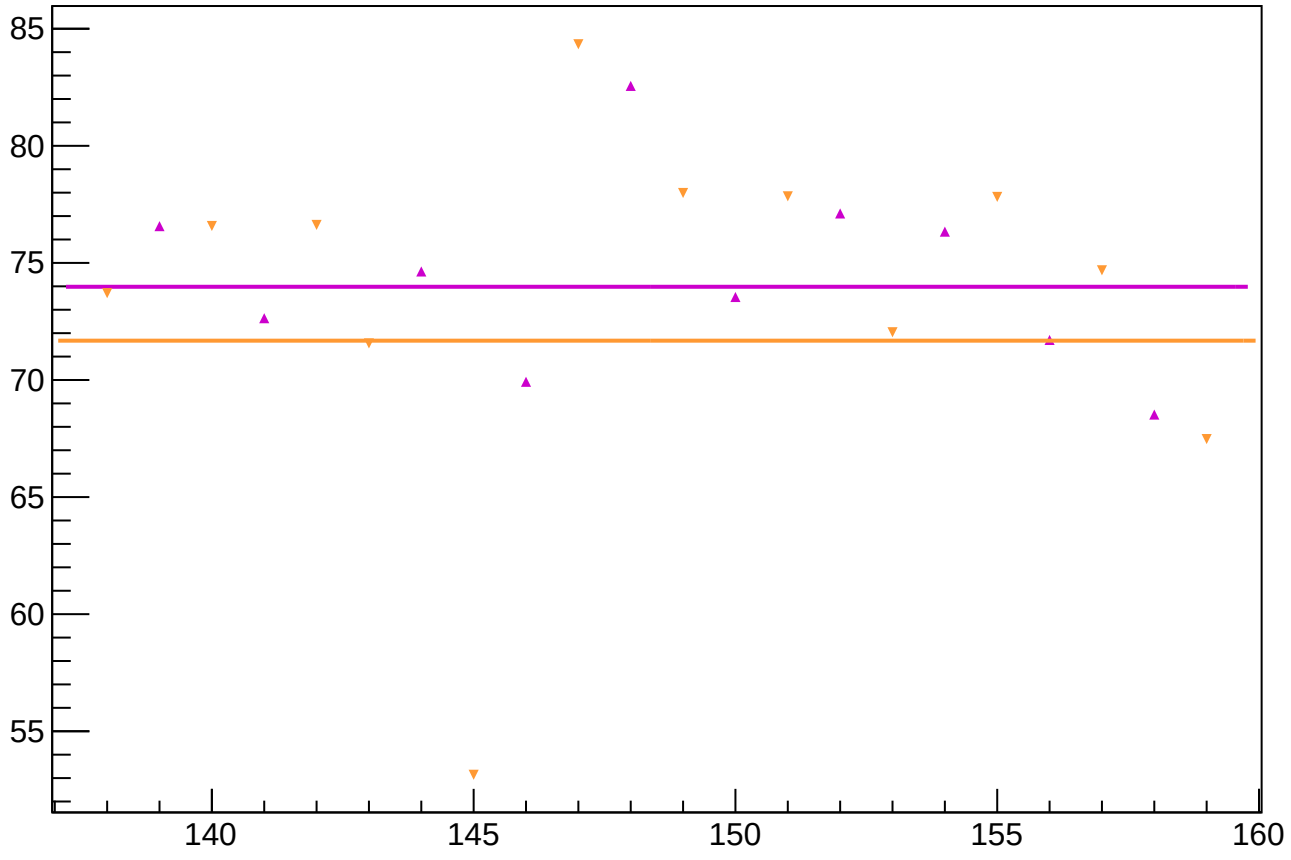
Left In: 28.120+/-25.965 χ^2/NDF:4.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.420+/-17.704 χ^2/NDF: 25.7/21

- 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: 71.680+/-0.017 χ^2/NDF:264545.6/11

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

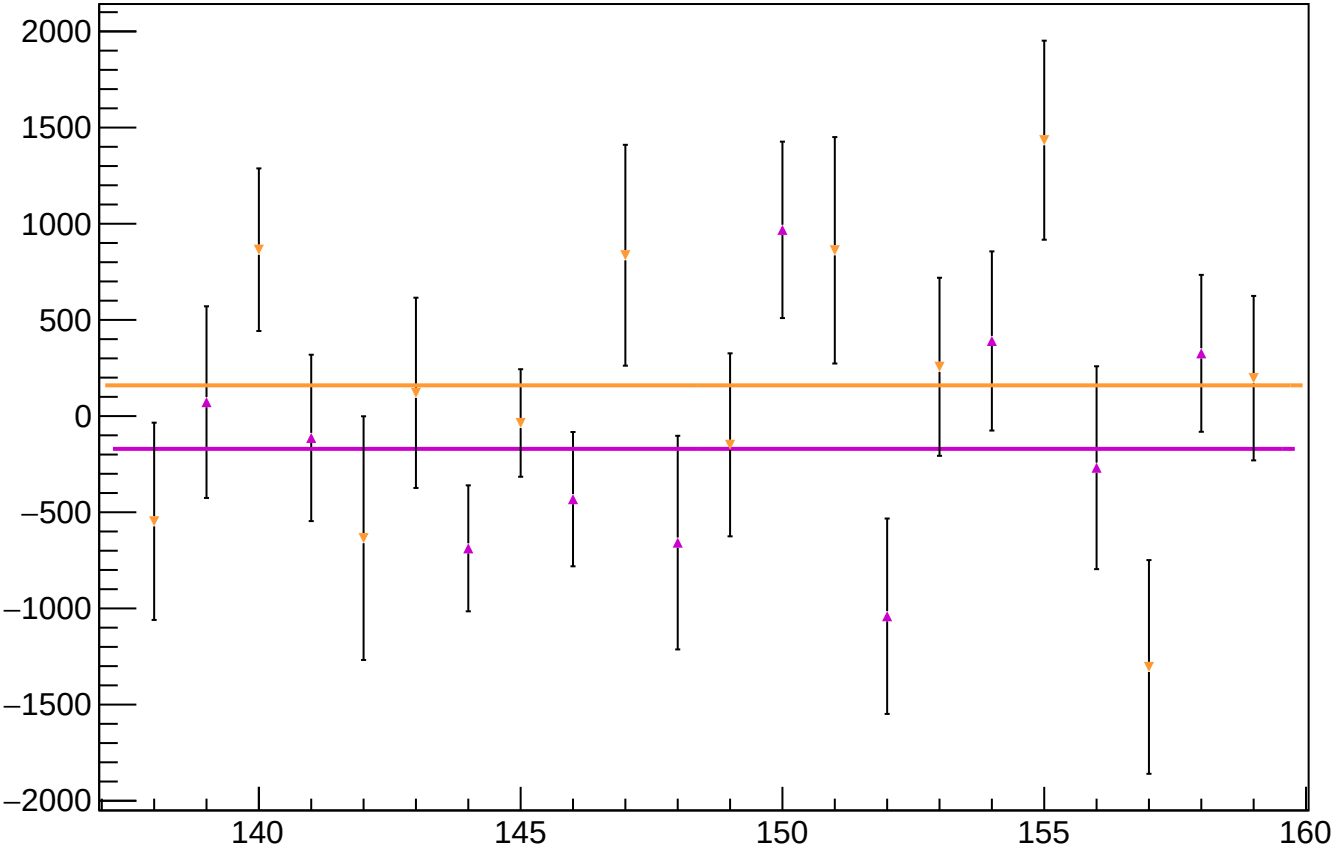
Left In: 73.981+/-0.018 χ^2/NDF:41612.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 72.750+/-0.013 χ^2/NDF: 314566.2/21

- 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: 159.831+/-133.361 χ^2/NDF:23.0/11

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

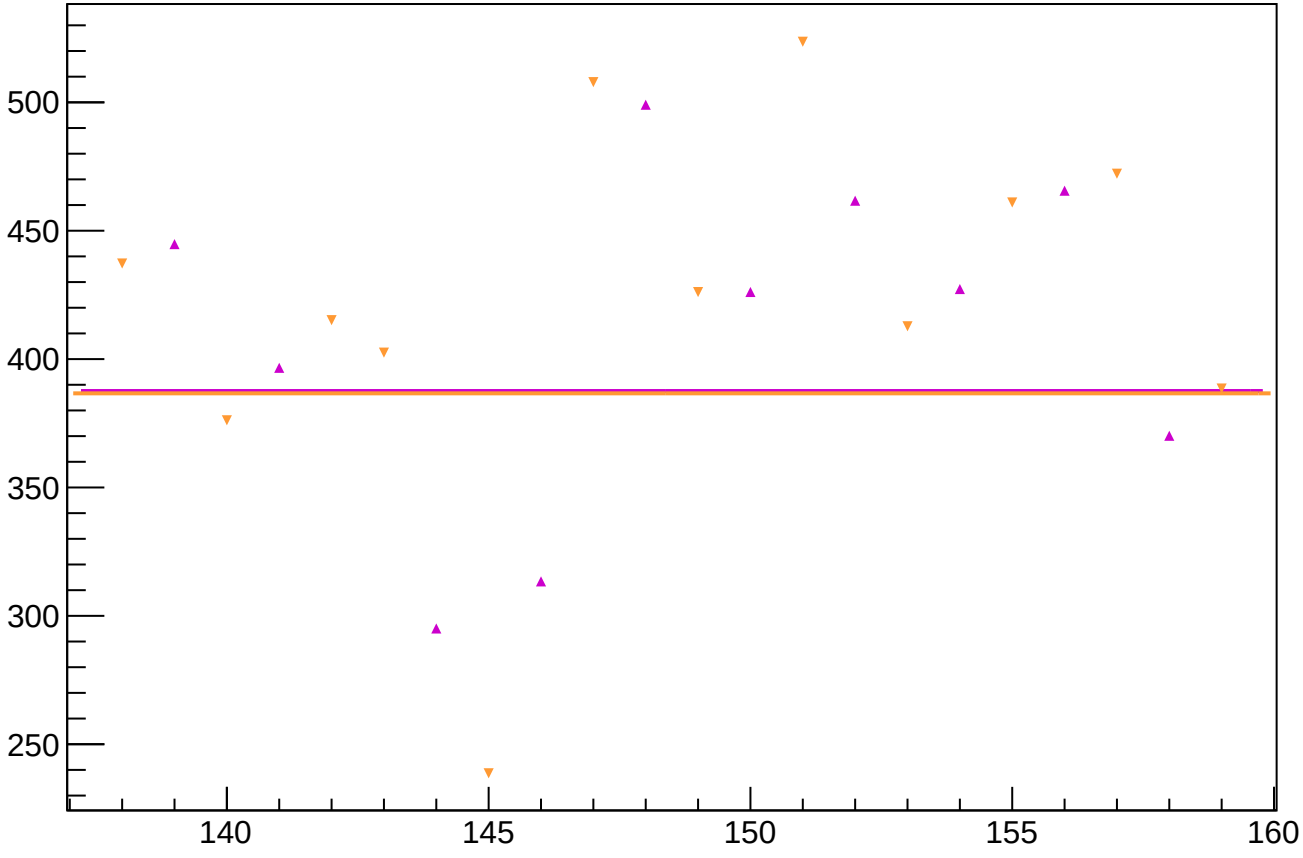
Left In: -170.455+/-137.378 χ^2/NDF:16.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.412+/-95.689 χ^2/NDF: 42.2/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 386.661+/-0.094 χ^2/NDF:893491.0/11

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

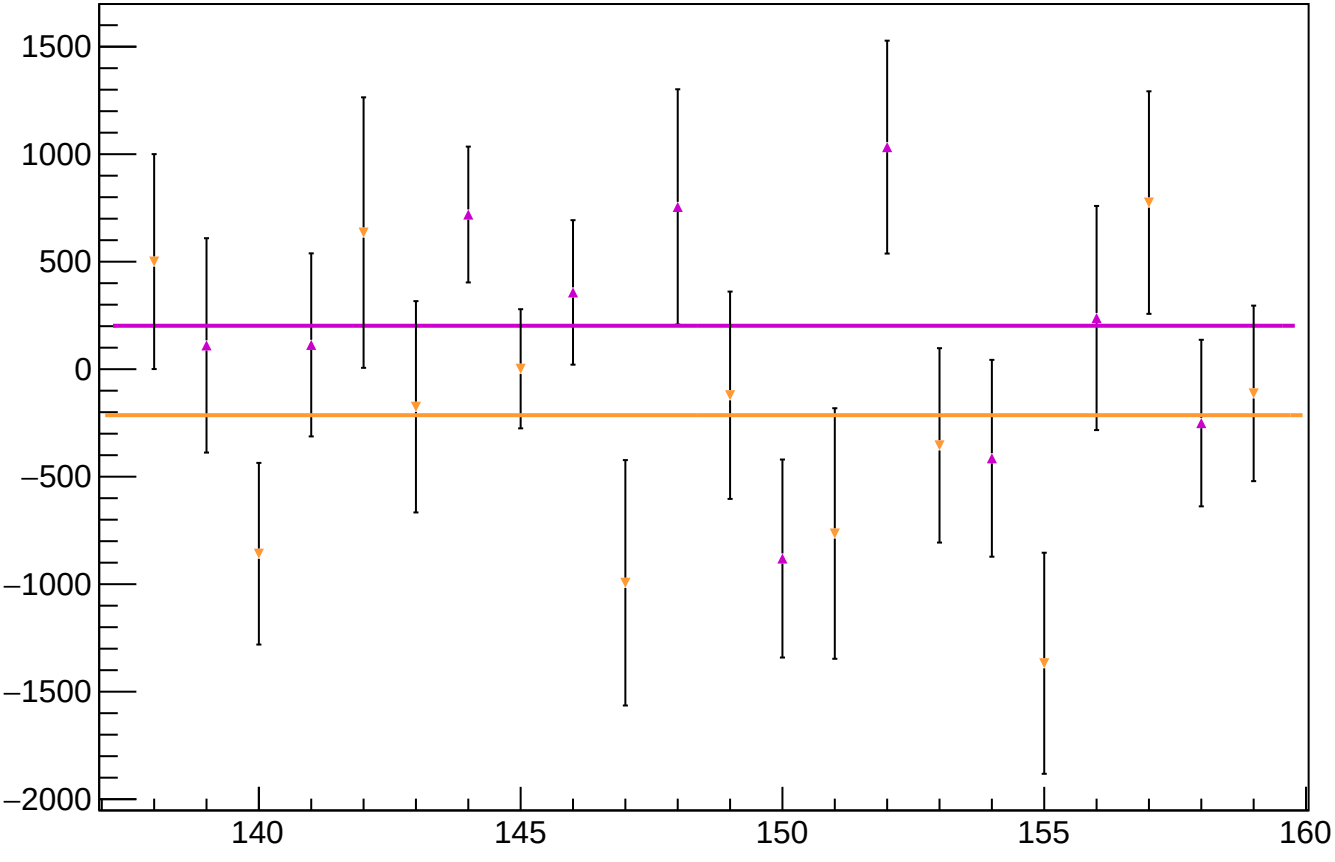
Left In: 387.562+/-0.097 χ^2/NDF:476231.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 387.098+/-0.068 χ^2/NDF: 1369766.9/21

- 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: -213.963+/-131.280 χ^2/NDF:18.4/11

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

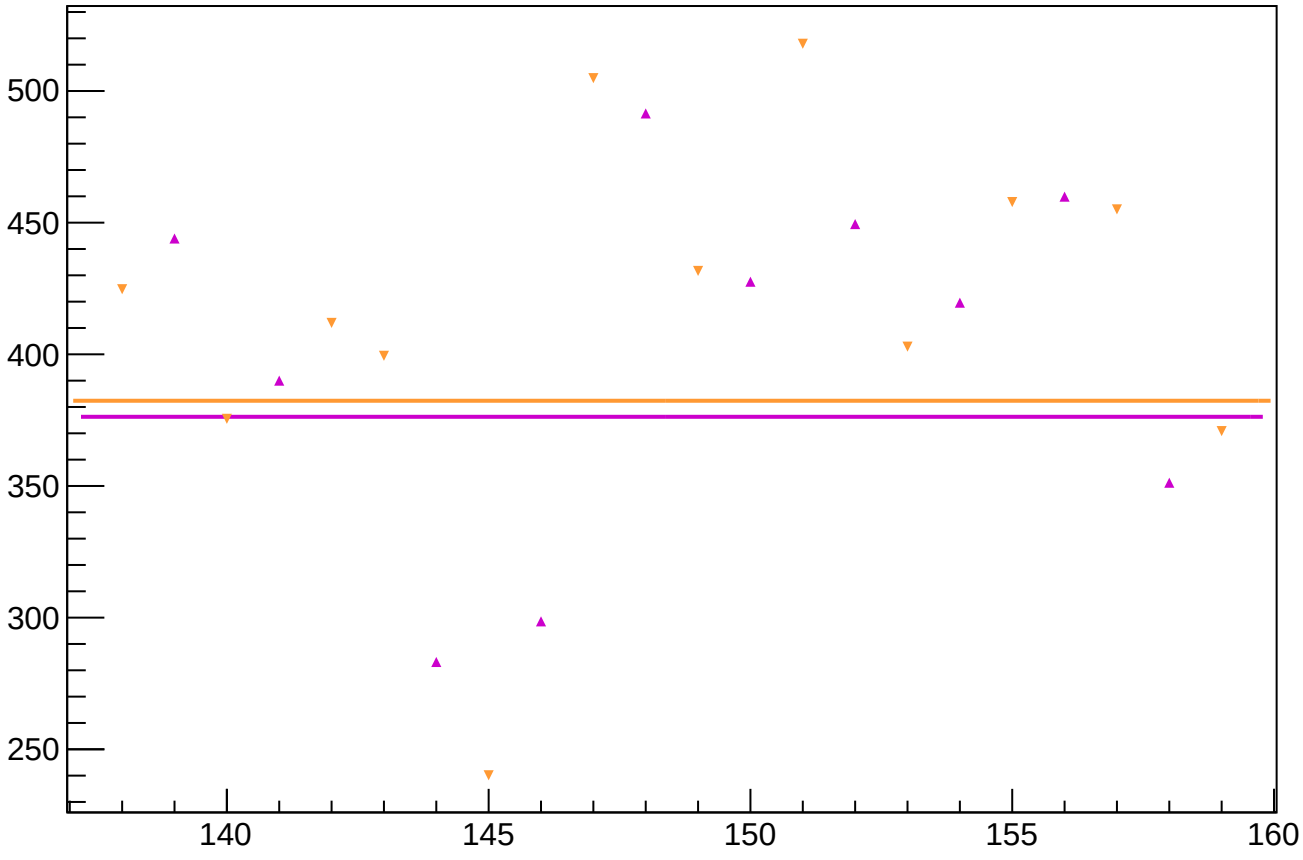
Left In: 202.044+/-134.024 χ^2/NDF:15.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.263+/-93.784 χ^2/NDF: 38.9/21

- 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: 382.366+/-0.093 χ^2/NDF:858208.6/11

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

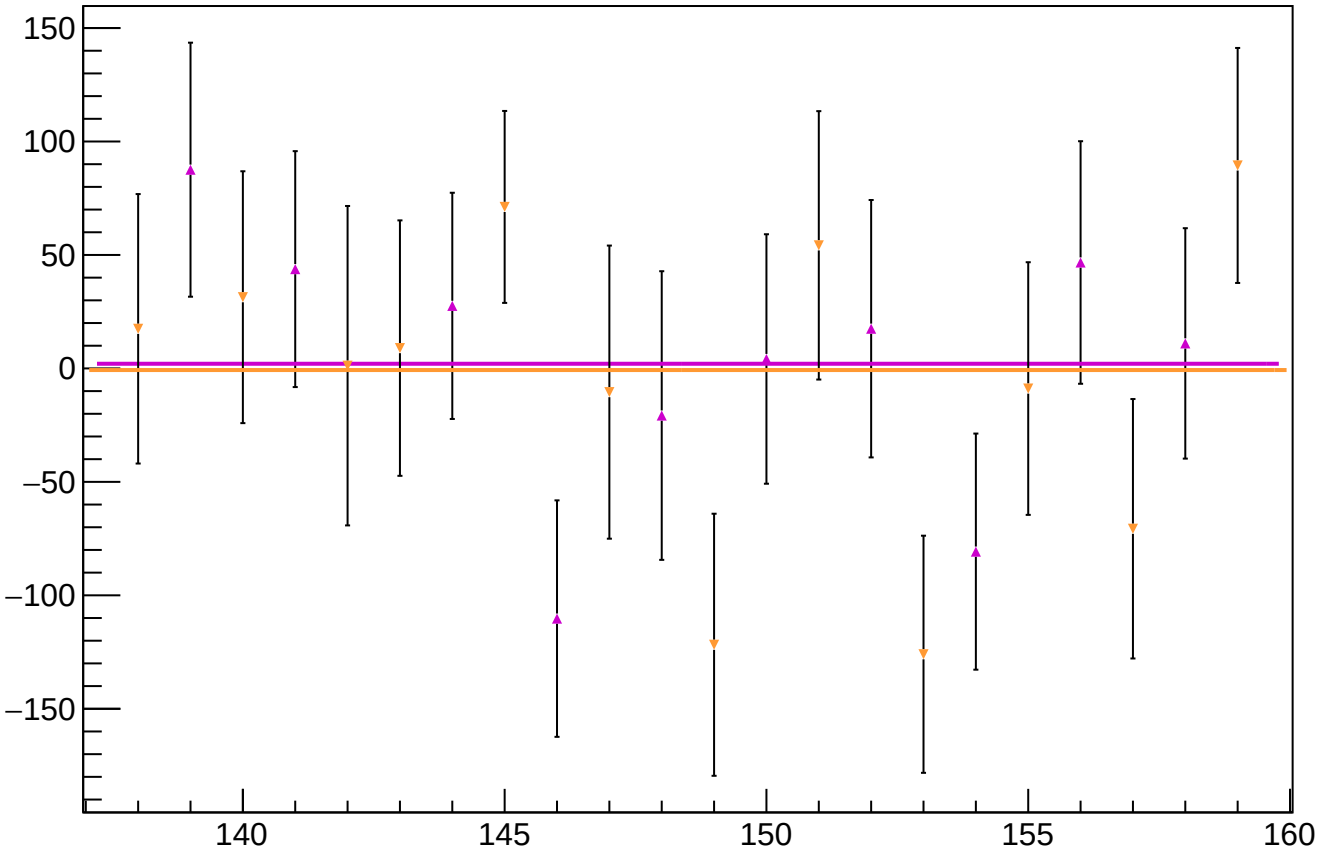
Left In: 376.272+/-0.095 χ^2/NDF:554542.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 379.382+/-0.066 χ^2/NDF: 1414861.7/21

- 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: -0.721+/-16.058 χ^2/NDF:18.9/11

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

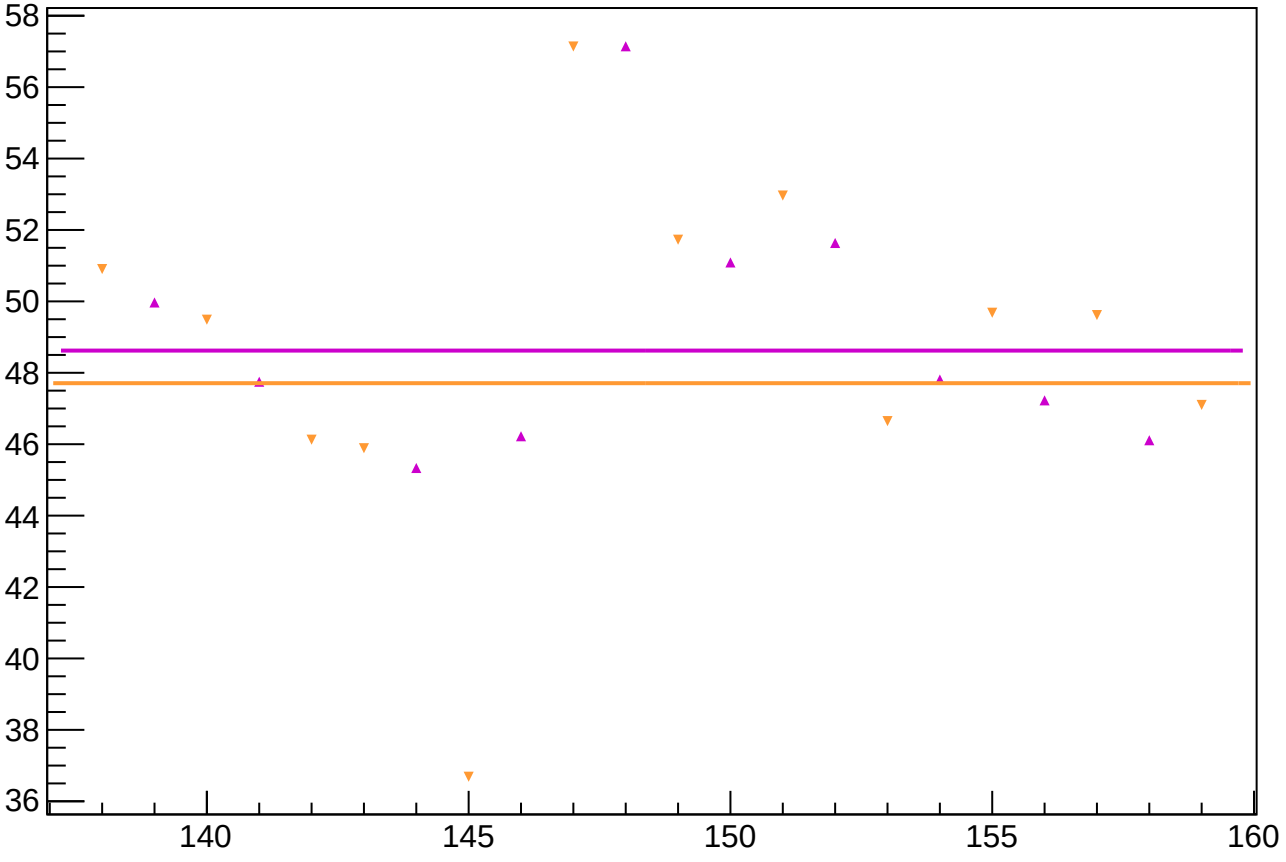
Left In: 2.054+/-17.010 χ^2/NDF:11.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.587+/-11.677 χ^2/NDF: 30.3/21

- 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: 47.709+/-0.011 χ^2/NDF:220709.0/11

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

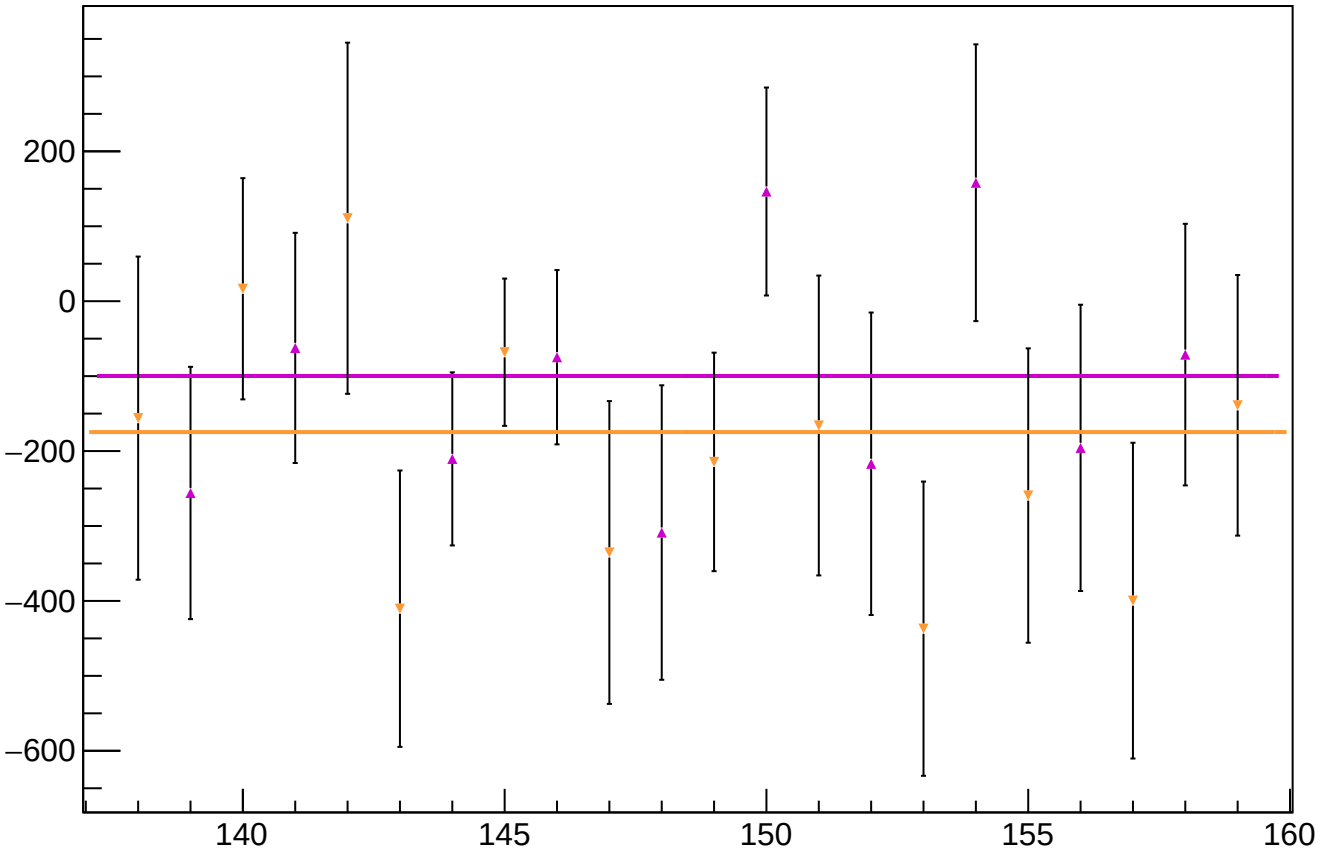
Left In: 48.622+/-0.012 χ^2/NDF:66988.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 48.139+/-0.008 χ^2/NDF: 290744.7/21

- 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: -174.658+/-48.646 χ^2/NDF:9.8/11

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

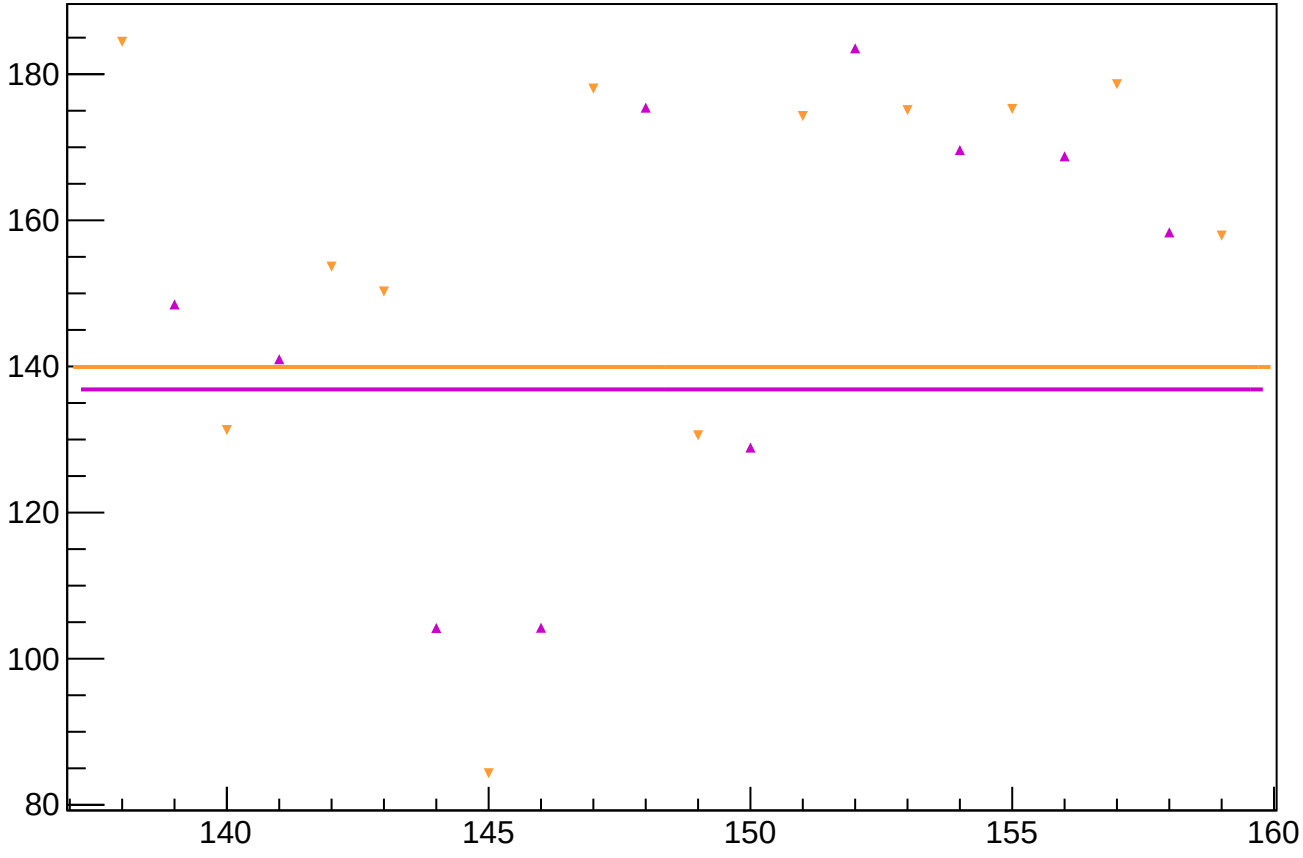
Left In: -99.810+/-48.882 χ^2/NDF:8.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -137.415+/-34.481 χ^2/NDF: 19.7/21

- 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: 139.928+/-0.034 χ^2/NDF:1101694.6/11

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

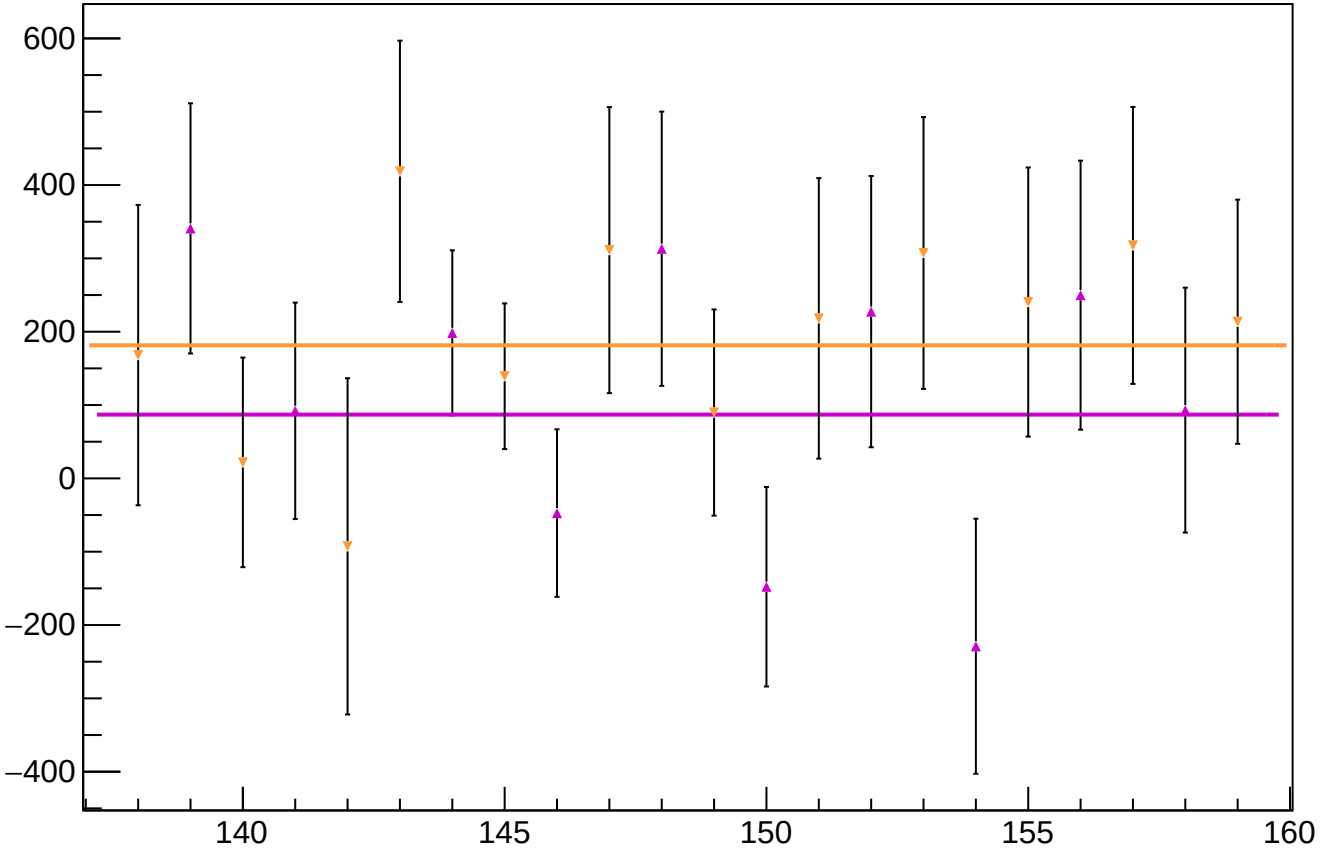
Left In: 136.856+/-0.035 χ^2/NDF:667774.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 138.400+/-0.024 χ^2/NDF: 1773435.6/21

- 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: 181.498+/-47.043 χ^2/NDF:6.7/11

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

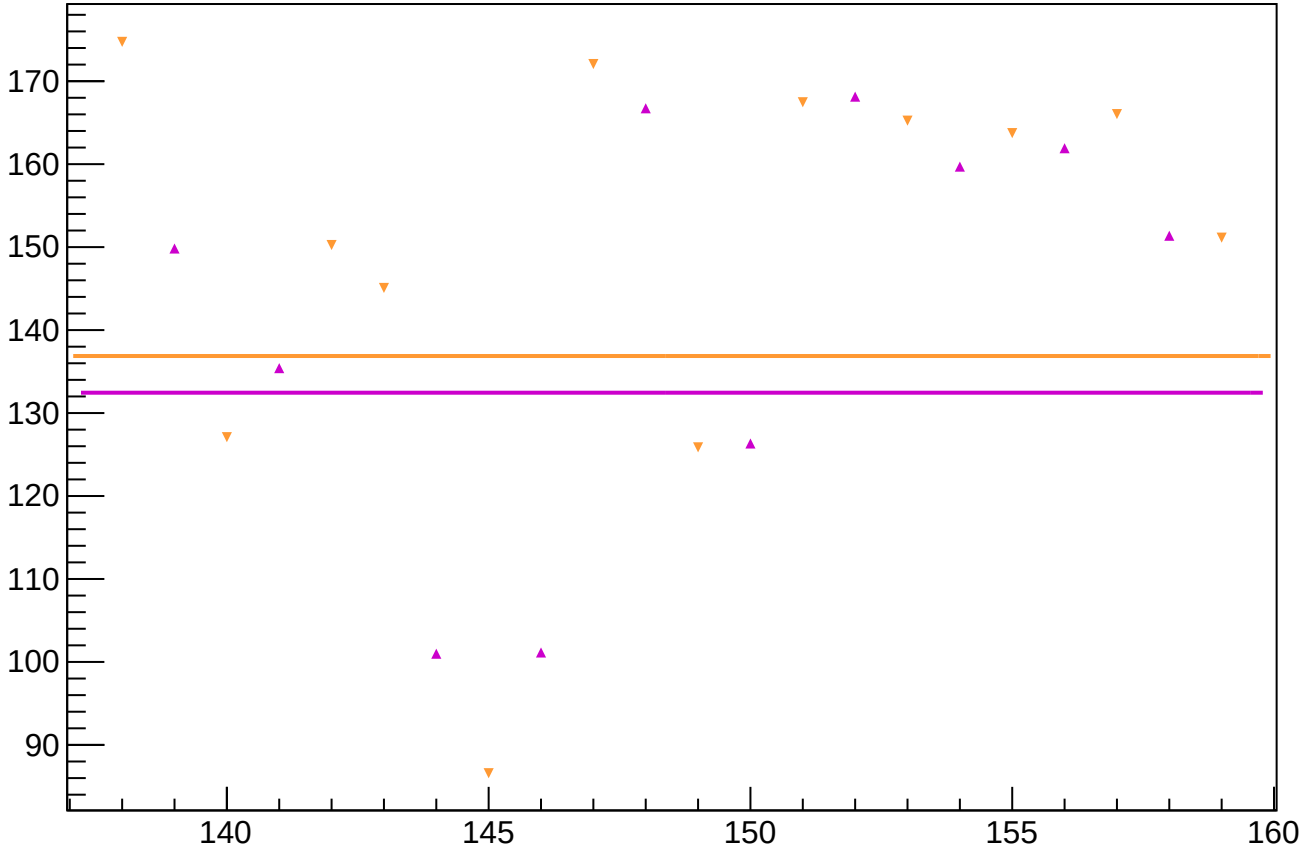
Left In: 86.937+/-47.334 χ^2/NDF:13.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 134.509+/-33.367 χ^2/NDF: 22.4/21

- 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: 136.874+/-0.033 χ^2/NDF:882081.0/11

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

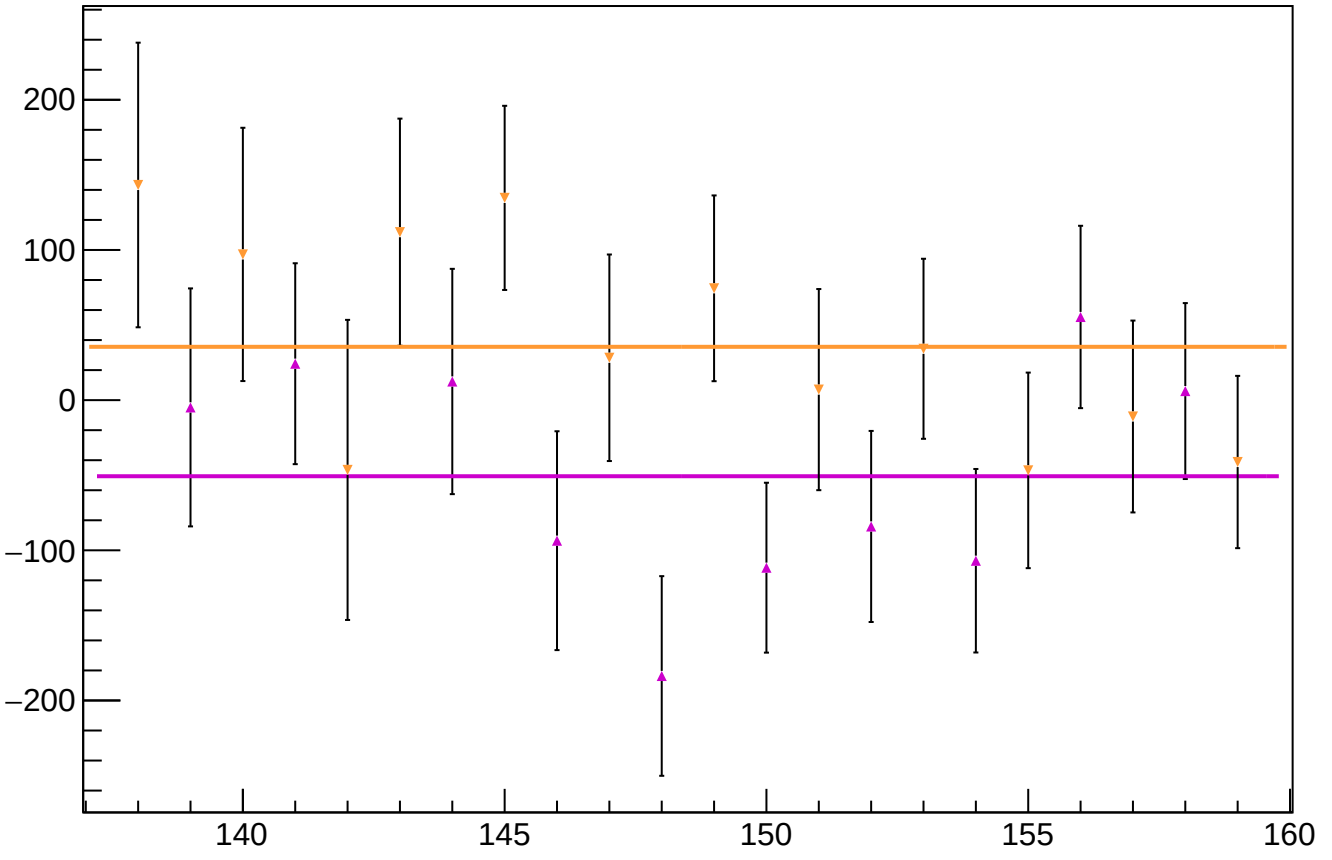
Left In: 132.452+/-0.033 χ^2/NDF:600176.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 134.677+/-0.024 χ^2/NDF: 1491038.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 35.512+/-19.796 χ^2/NDF:10.6/11

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

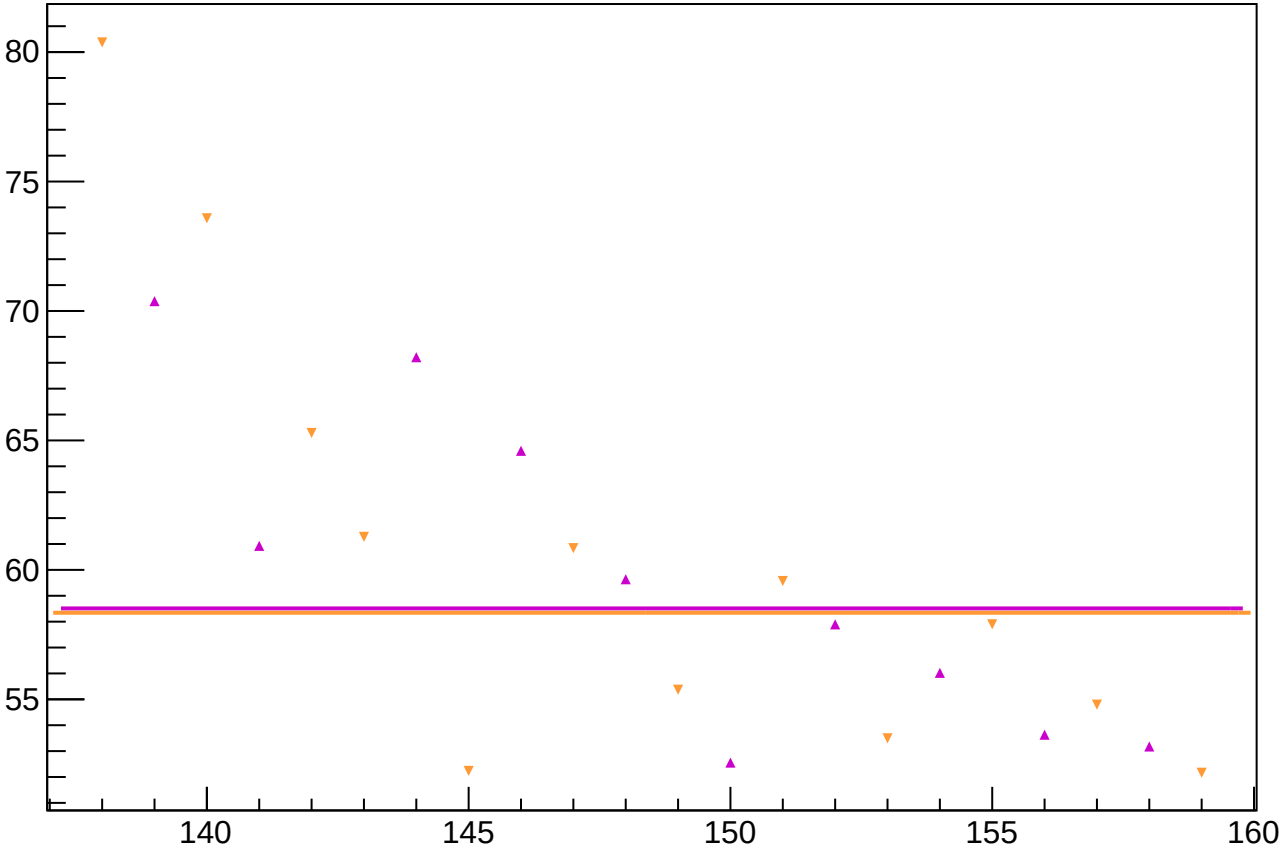
Left In: -50.670+/-20.562 χ^2/NDF:12.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.943+/-14.261 χ^2/NDF: 32.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 58.344+/-0.014 χ^2/NDF:256375.2/11

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

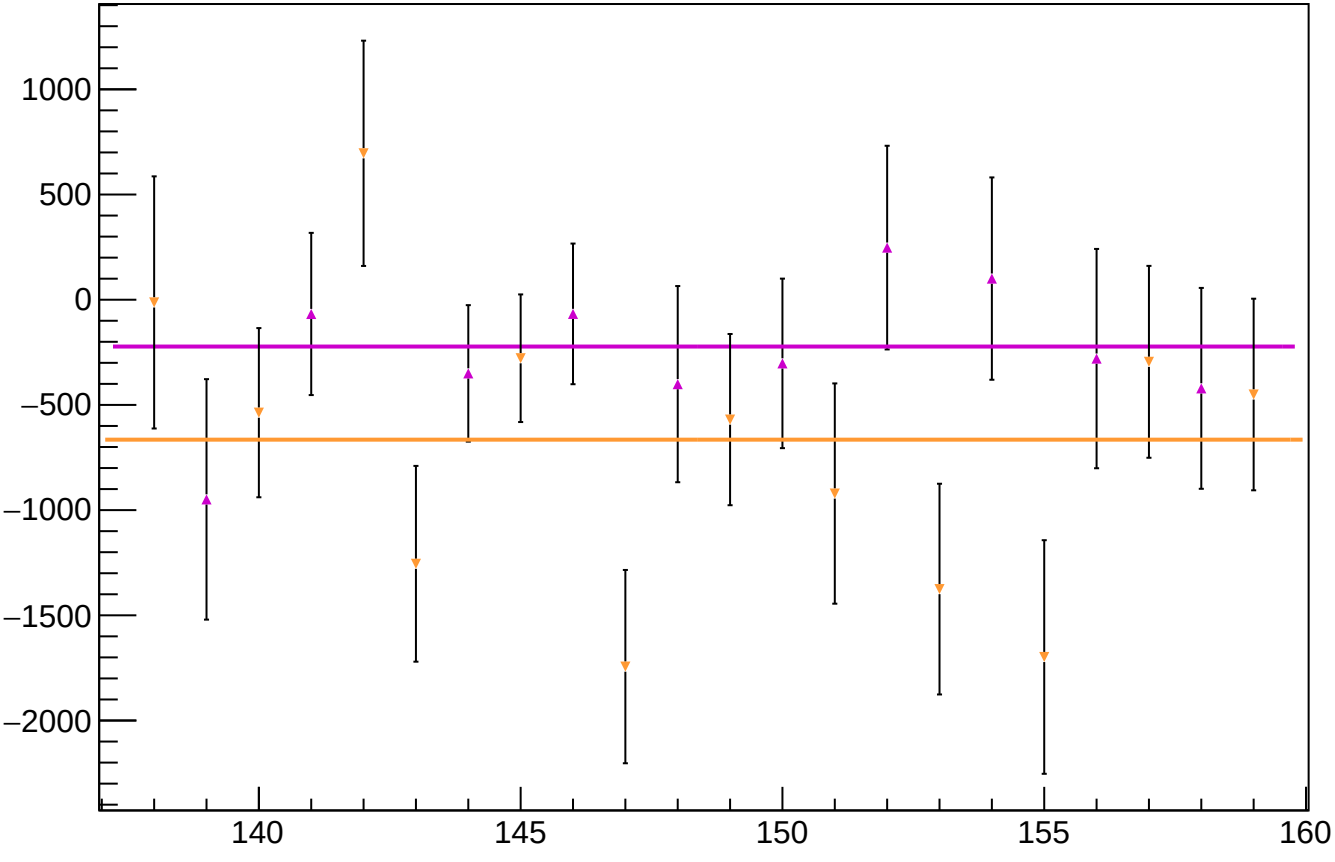
Left In: 58.511+/-0.015 χ^2/NDF:150639.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.425+/-0.010 χ^2/NDF: 407082.8/21

- 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: -665.118+/-129.922 χ^2/NDF:23.1/11

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

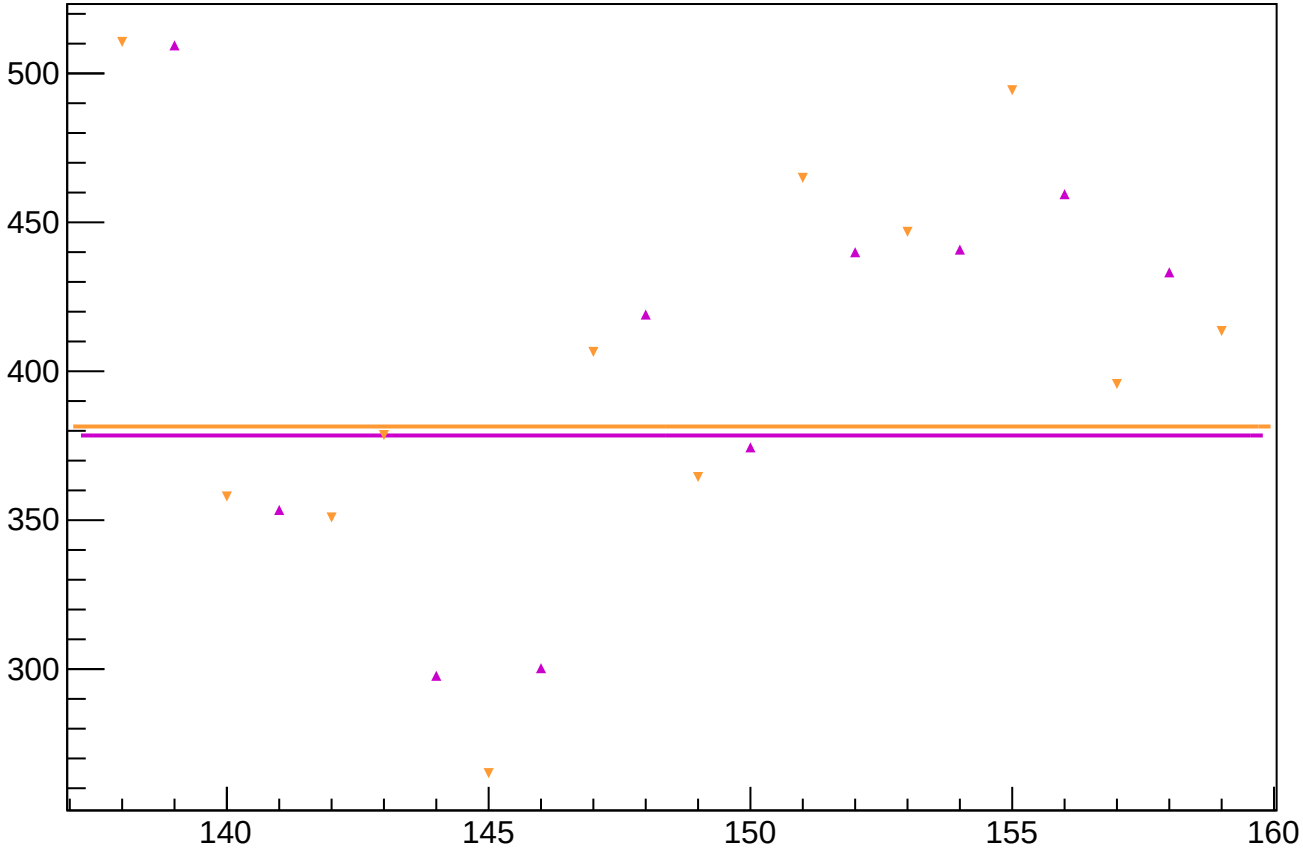
Left In: -222.534+/-134.020 χ^2/NDF:3.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -450.697+/-93.284 χ^2/NDF: 32.7/21

- 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: 381.454+/-0.092 χ^2/NDF:589748.4/11

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

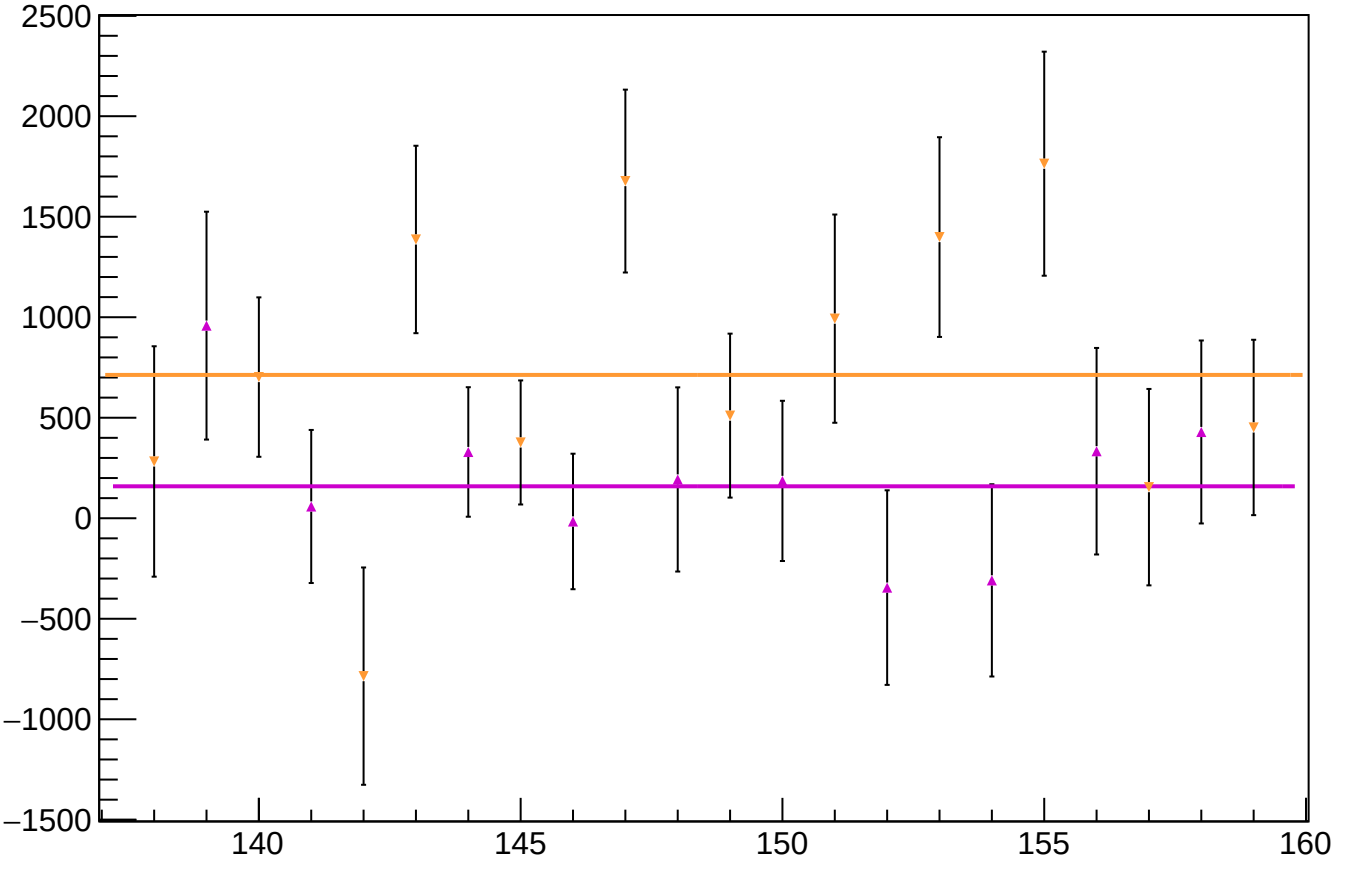
Left In: 378.439+/-0.095 χ^2/NDF:502569.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 379.993+/-0.066 χ^2/NDF: 1092839.5/21

- 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: 713.006+/-129.945 χ^2/NDF:23.7/11

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

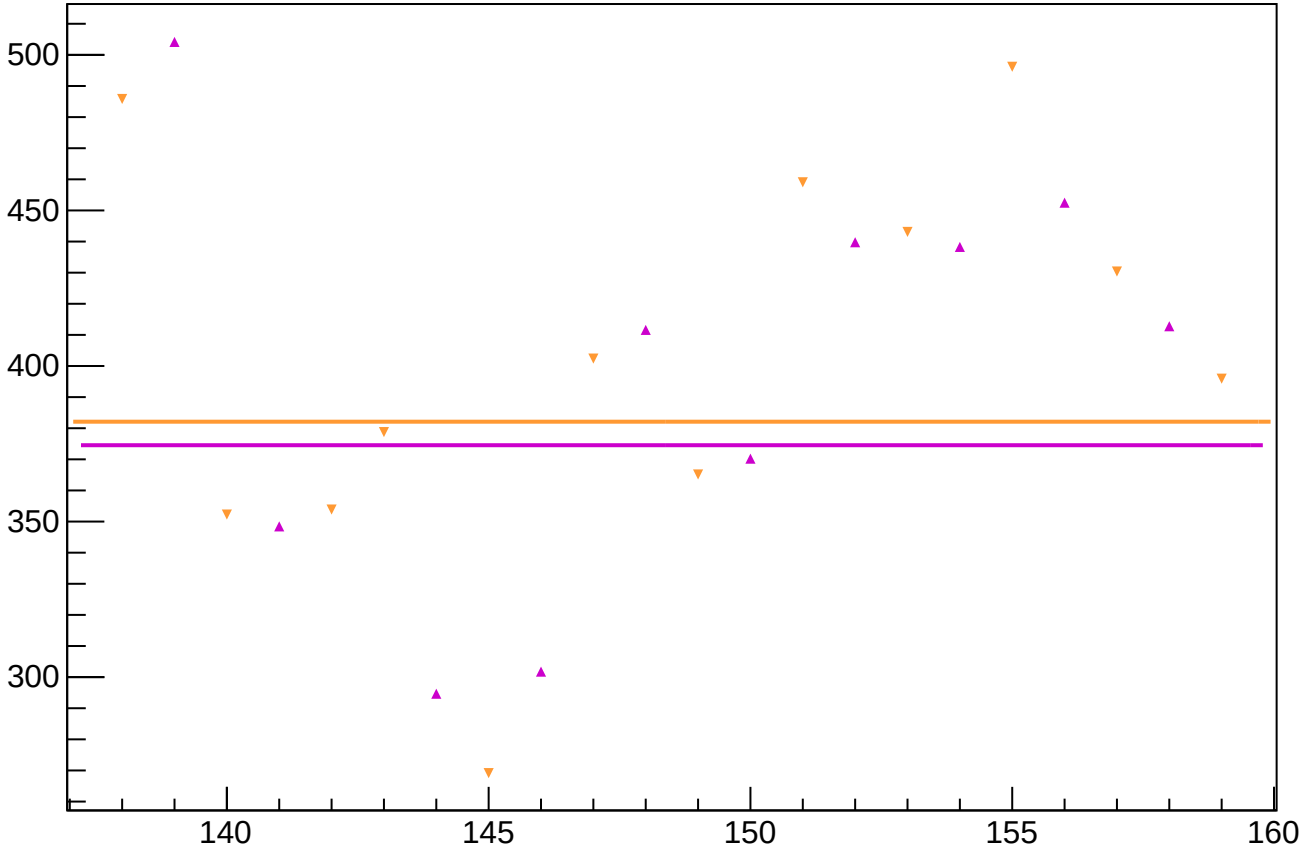
Left In: 158.921+/-132.718 χ^2/NDF:5.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 441.812+/-92.850 χ^2/NDF: 37.7/21

- 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: 382.100+/-0.092 χ^2/NDF:537465.7/11

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

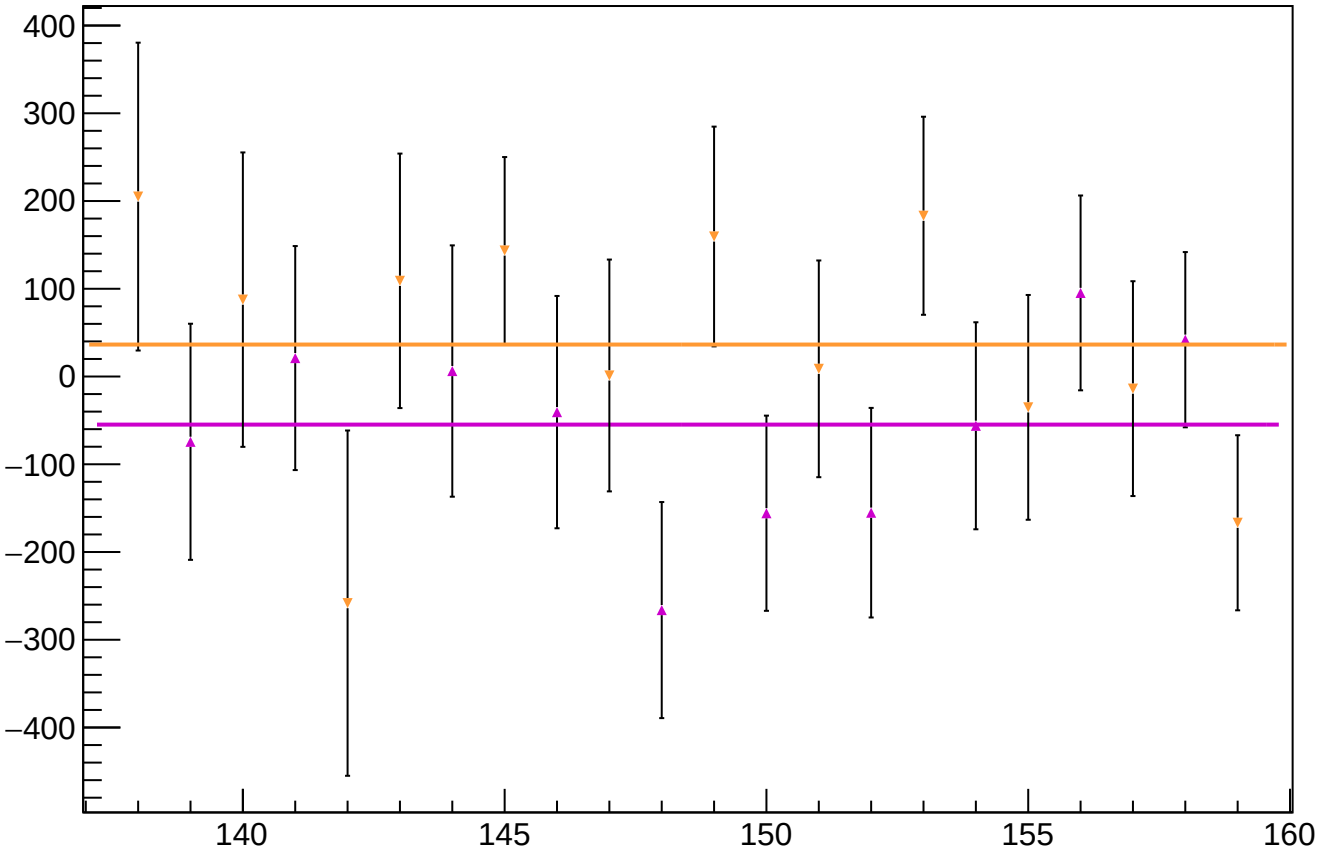
Left In: 374.540+/-0.094 χ^2/NDF:475582.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 378.400+/-0.066 χ^2/NDF: 1016361.8/21

- 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: 36.431+/-37.196 χ^2/NDF:11.9/11

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

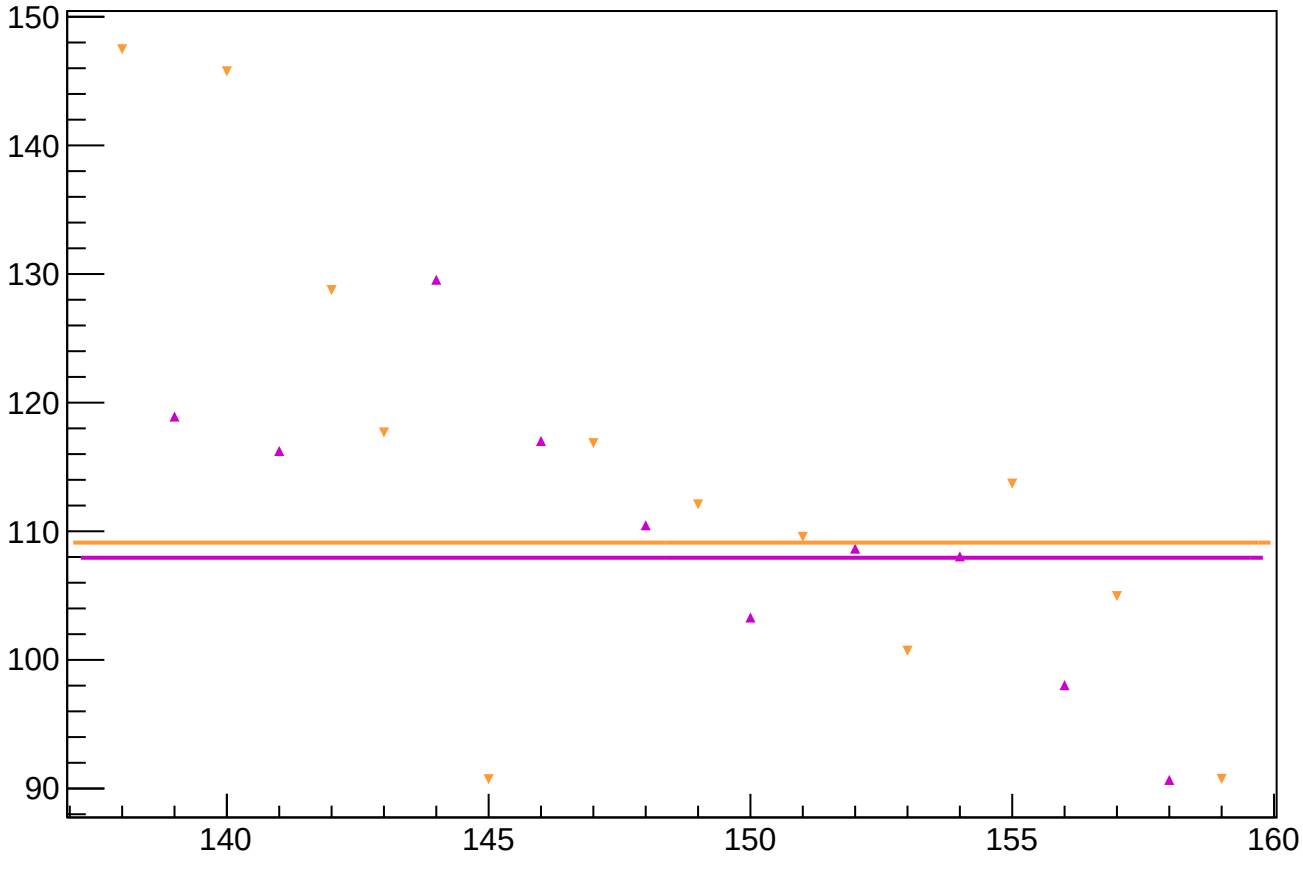
Left In: -54.804+/-37.997 χ^2/NDF:7.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.214+/-26.580 χ^2/NDF: 22.7/21

- 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: 109.118+/-0.026 χ^2/NDF:369315.7/11

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

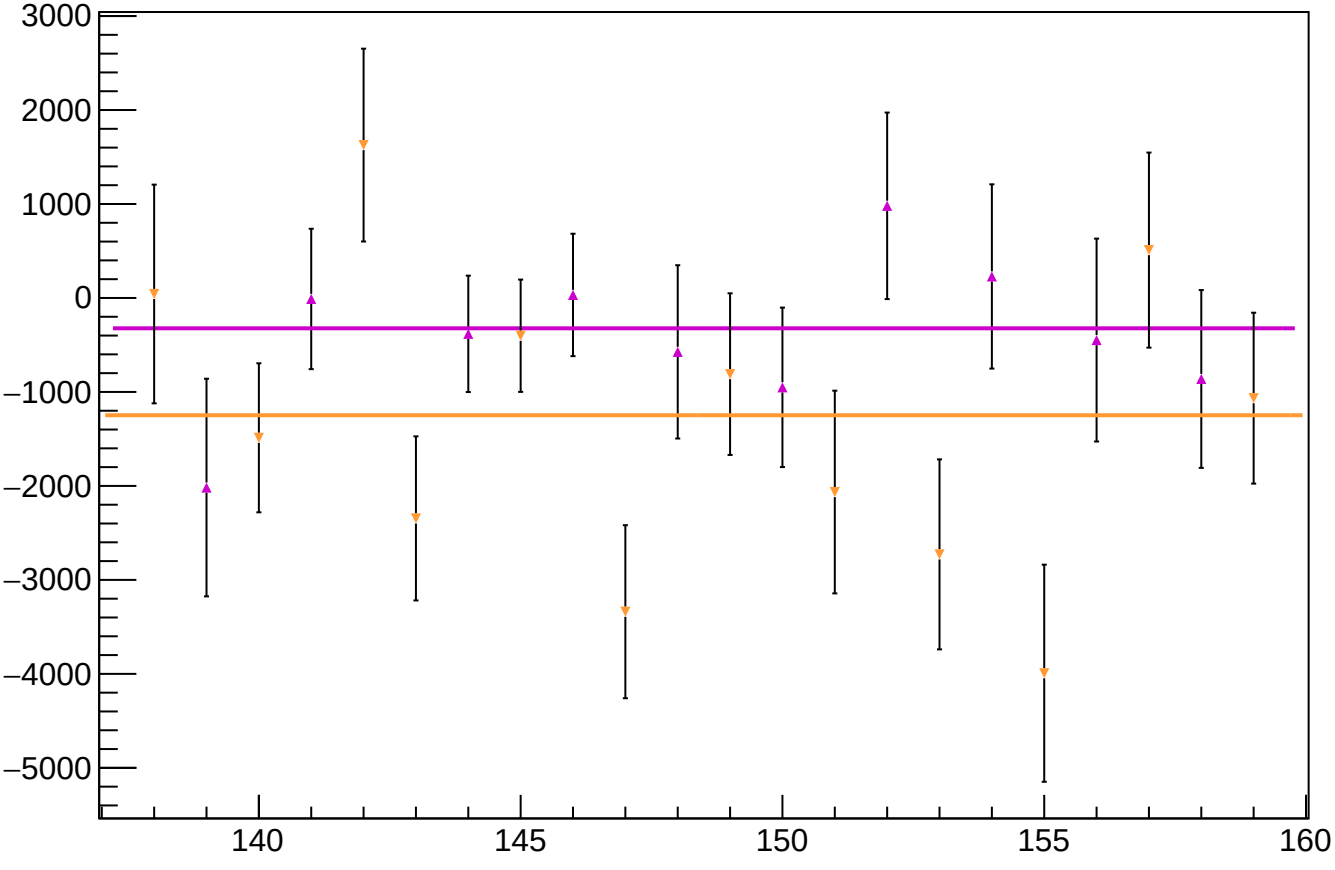
Left In: 107.943+/-0.027 χ^2/NDF:156879.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 108.543+/-0.019 χ^2/NDF: 527171.5/21

- 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: -1247.866+/-261.275 χ^2/NDF:29.4/11

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

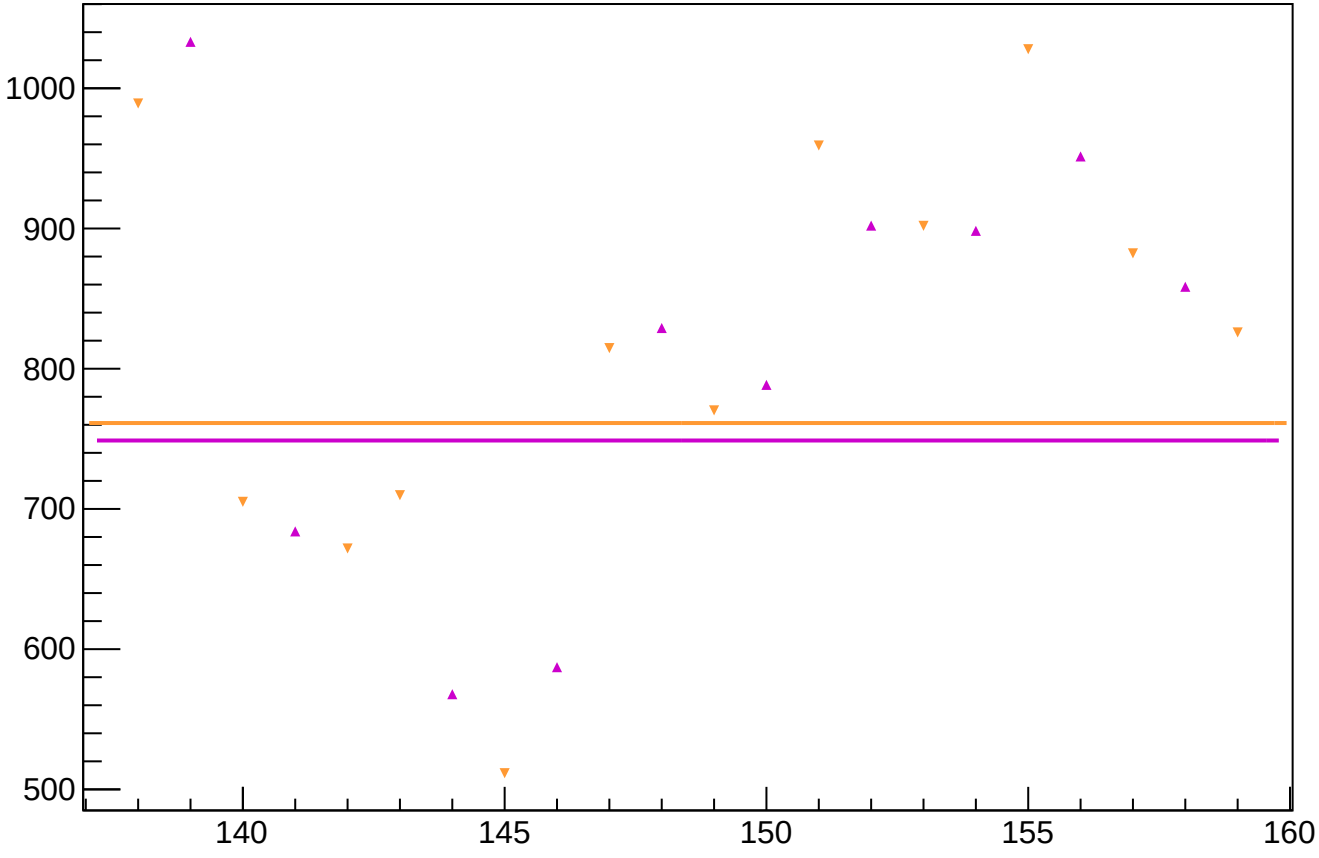
Left In: -322.815+/-266.307 χ^2/NDF:5.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -794.163+/-186.503 χ^2/NDF: 41.2/21

- 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: 761.264+/-0.185 χ^2/NDF:715161.2/11

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

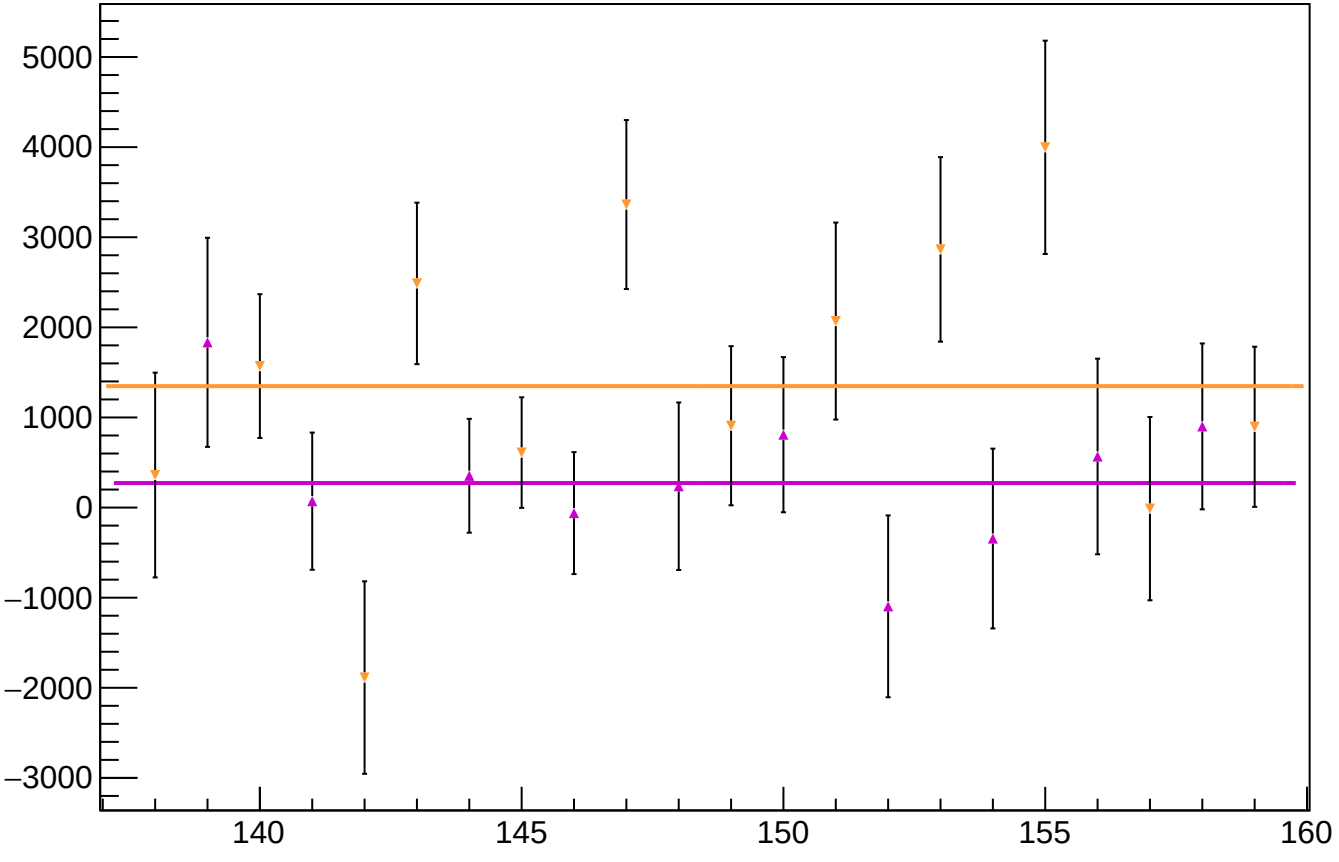
Left In: 748.810+/-0.188 χ^2/NDF:640592.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 755.156+/-0.132 χ^2/NDF: 1357981.9/21

- 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: 1347.477+/-264.618 χ^2/NDF:27.6/11

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

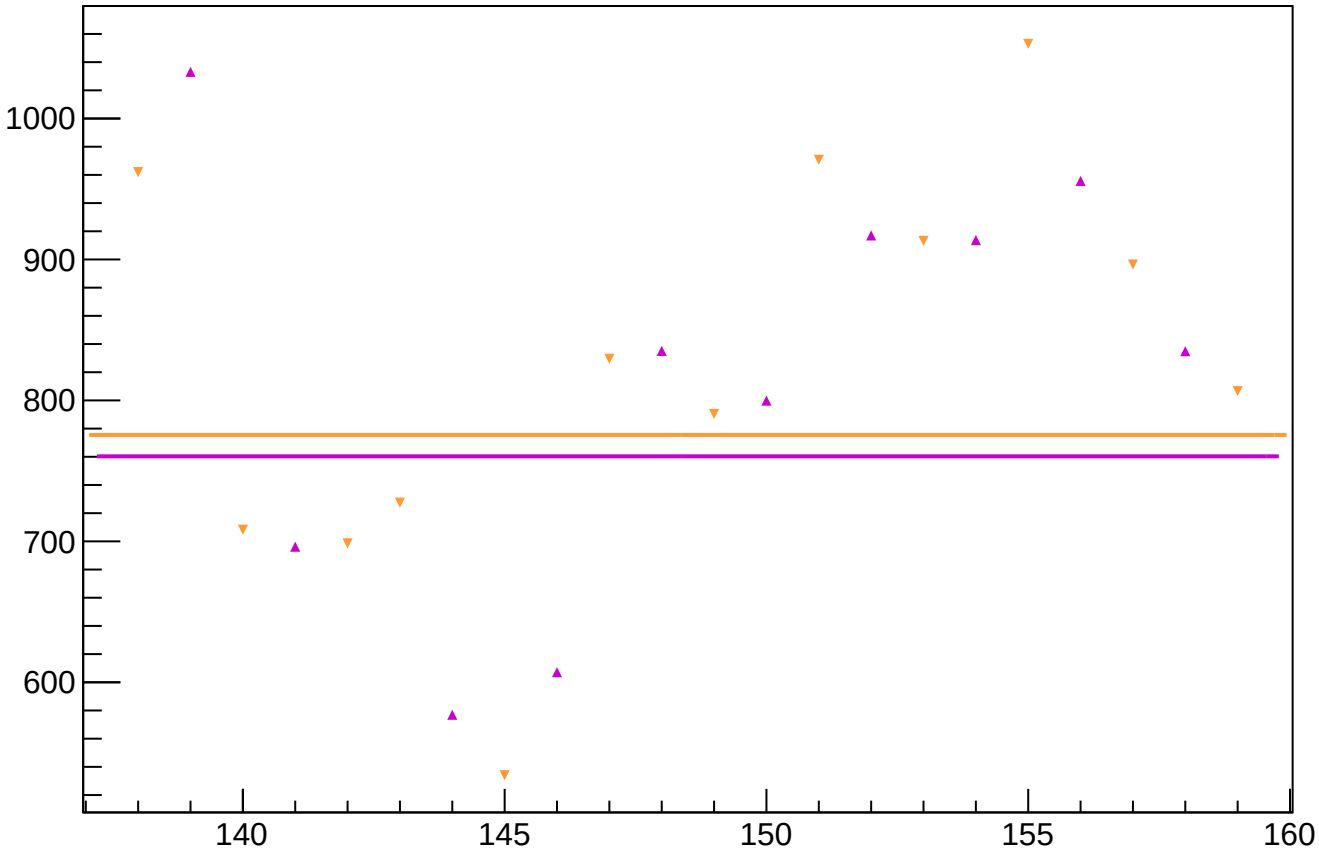
Left In: 272.305+/-270.370 χ^2/NDF:5.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 821.449+/-189.114 χ^2/NDF: 41.0/21

- 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: 775.497+/-0.187 χ^2/NDF:641555.3/11

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

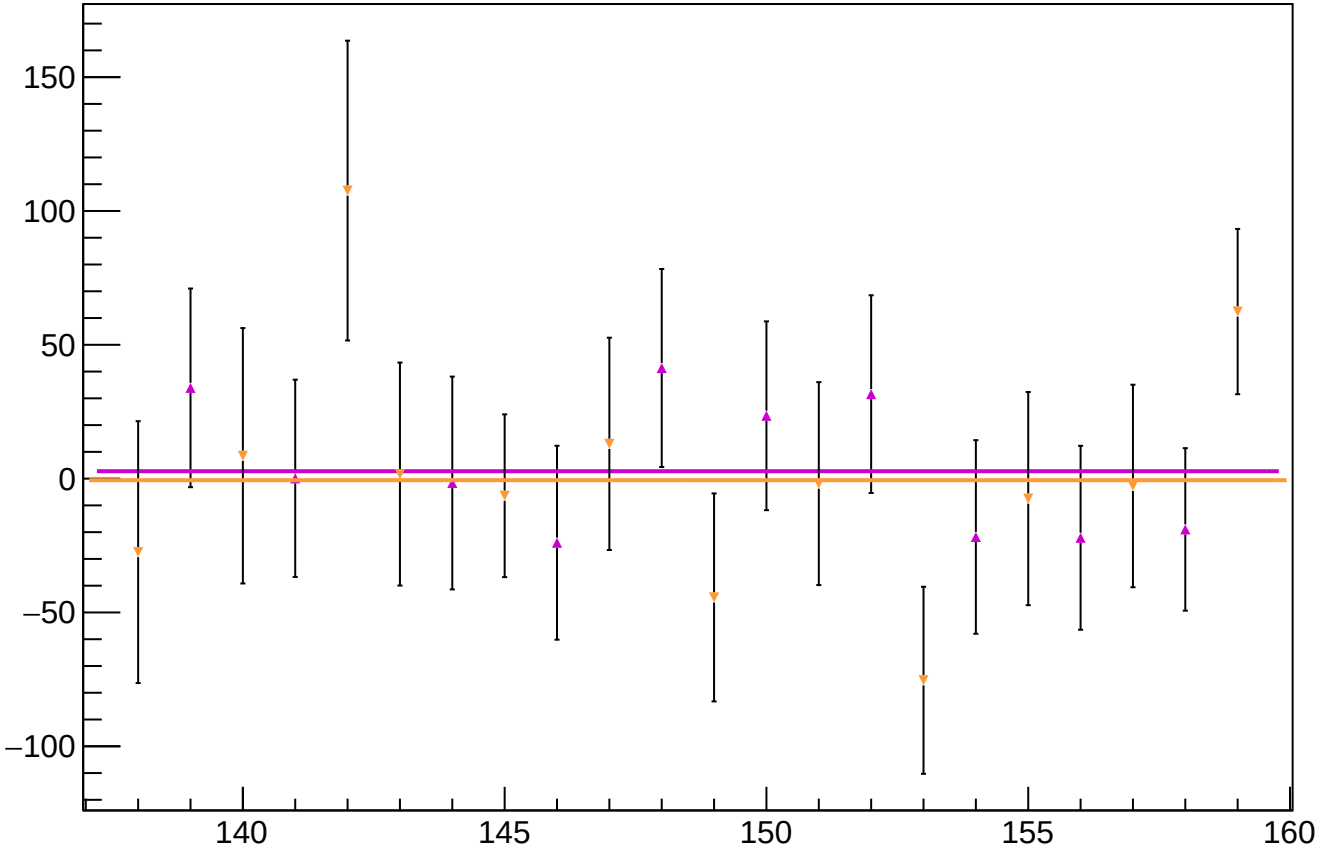
Left In: 760.330+/-0.191 χ^2/NDF:586416.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 768.077+/-0.134 χ^2/NDF: 1231186.4/21

- 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: -0.579+/-11.163 χ^2/NDF:14.3/11

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

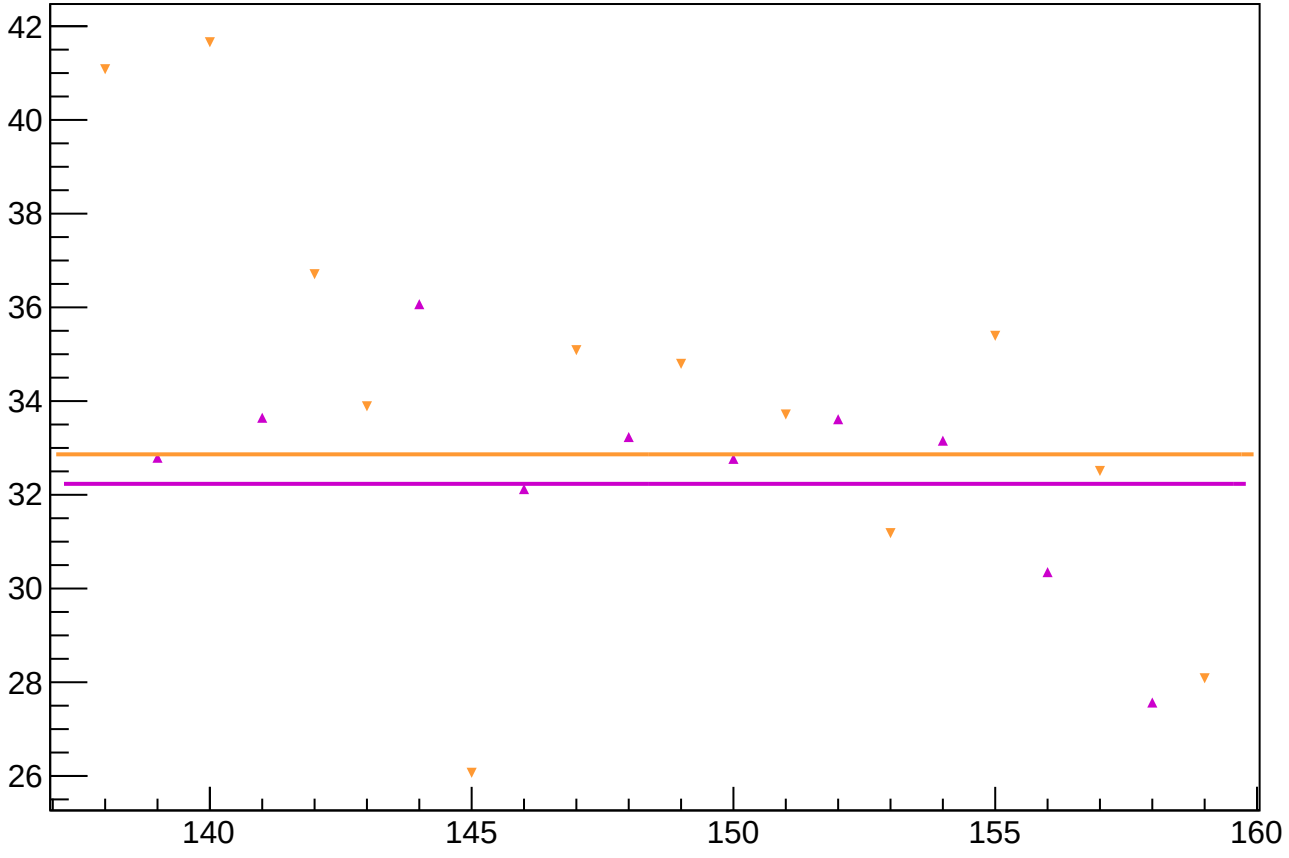
Left In: 2.774+/-11.307 χ^2/NDF:4.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.076+/-7.944 χ^2/NDF: 19.1/21

- 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: 32.864+/-0.008 χ^2/NDF:307963.3/11

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

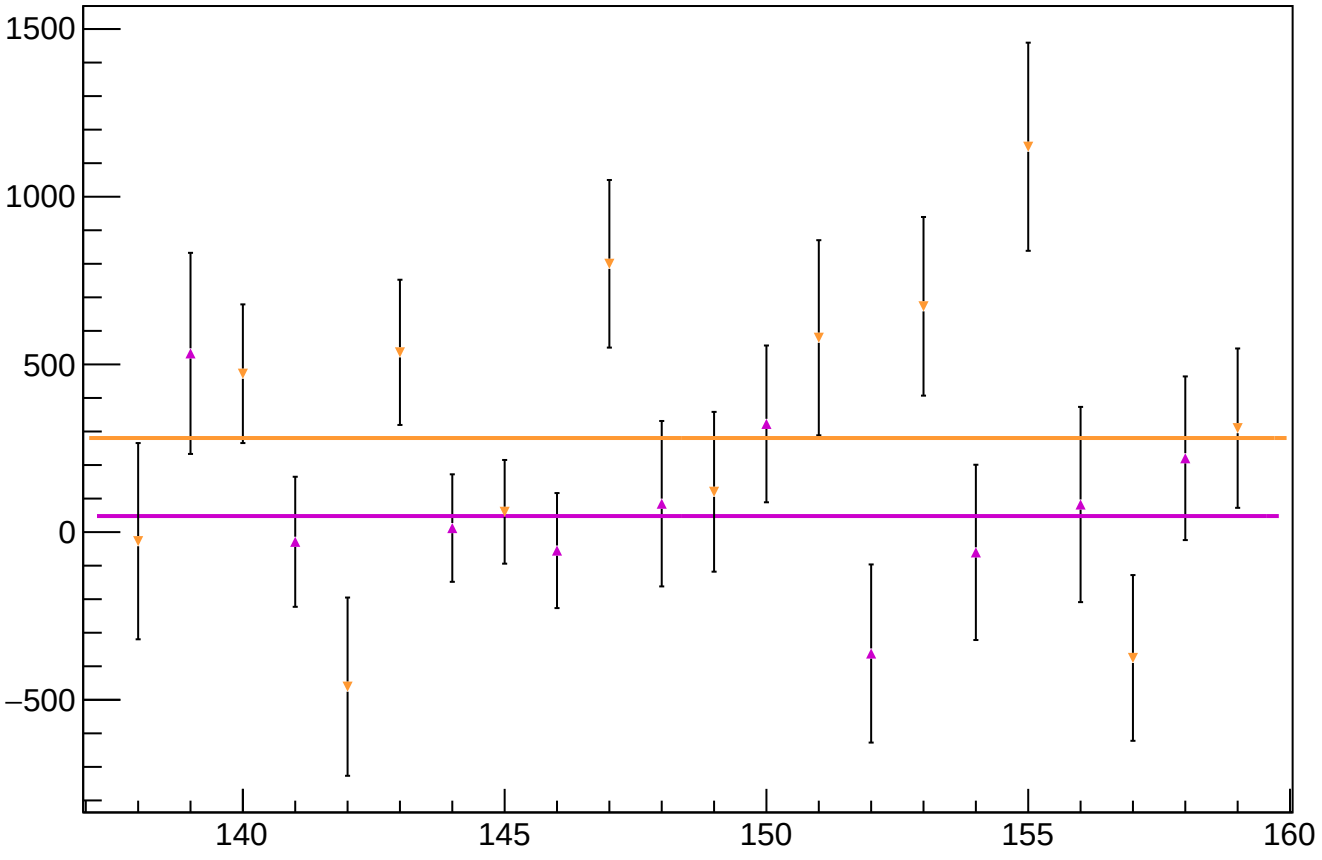
Left In: 32.234+/-0.008 χ^2/NDF:81287.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 32.553+/-0.006 χ^2/NDF: 392393.5/21

- 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: 280.561+/-67.969 χ^2/NDF:36.1/11

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

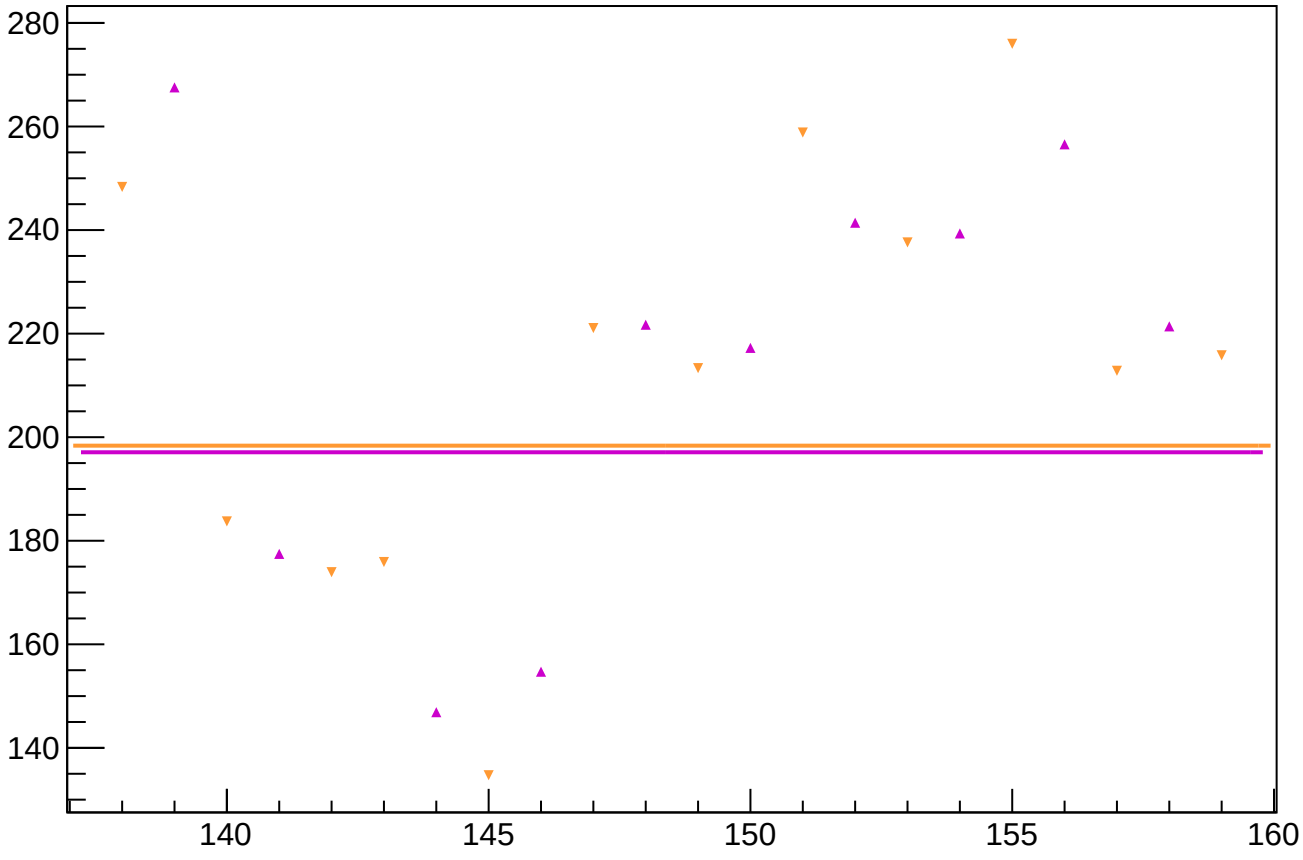
Left In: 47.895+/-70.219 χ^2/NDF:7.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 168.015+/-48.837 χ^2/NDF: 49.4/21

- 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: 198.365+/-0.048 χ^2/NDF:742945.0/11

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

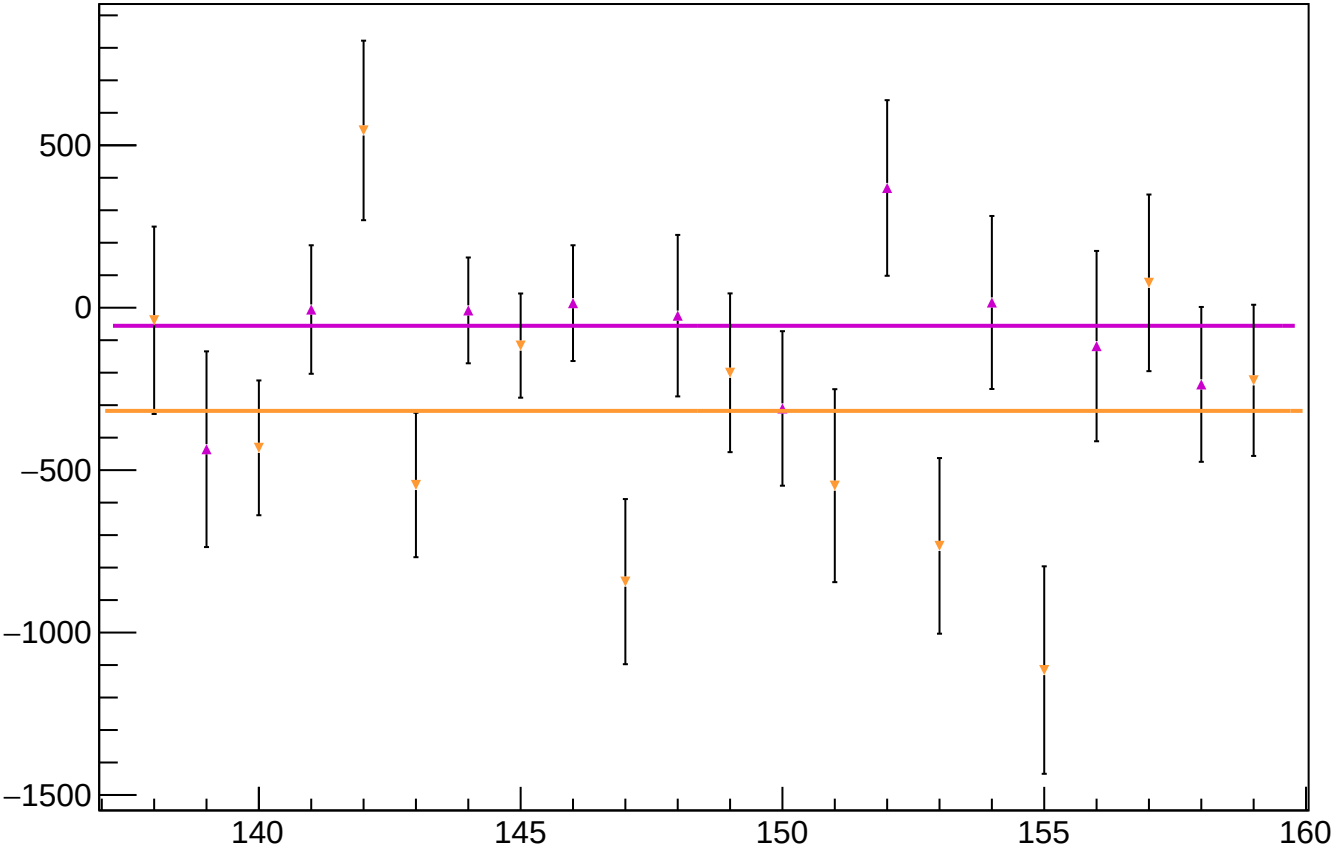
Left In: 197.088+/-0.050 χ^2/NDF:695429.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.747+/-0.035 χ^2/NDF: 1438715.8/21

- 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: -317.607+/-69.585 χ^2/NDF:29.6/11

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

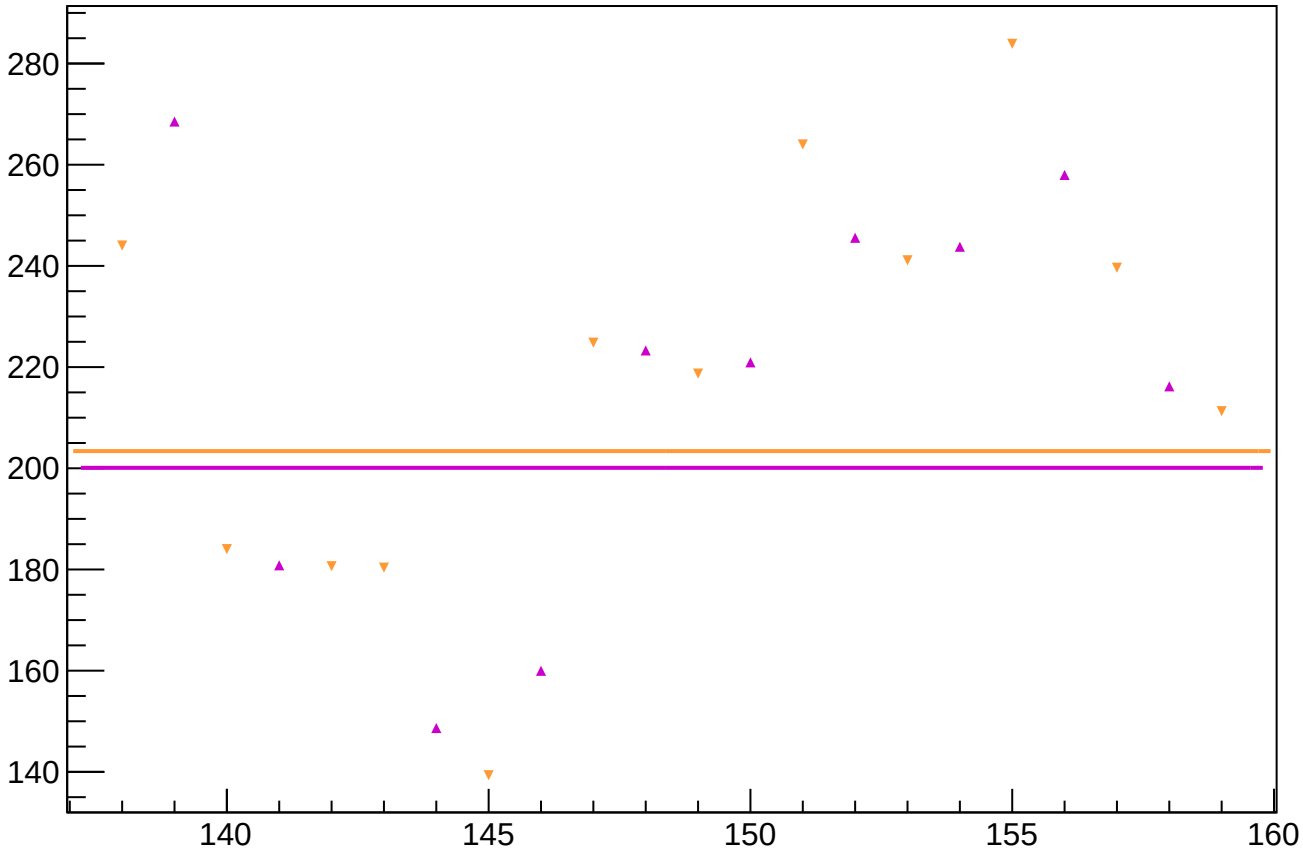
Left In: -55.675+/-71.307 χ^2/NDF:6.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -189.843+/-49.802 χ^2/NDF: 42.7/21

- 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: 203.399+/-0.049 χ^2/NDF:720489.7/11

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

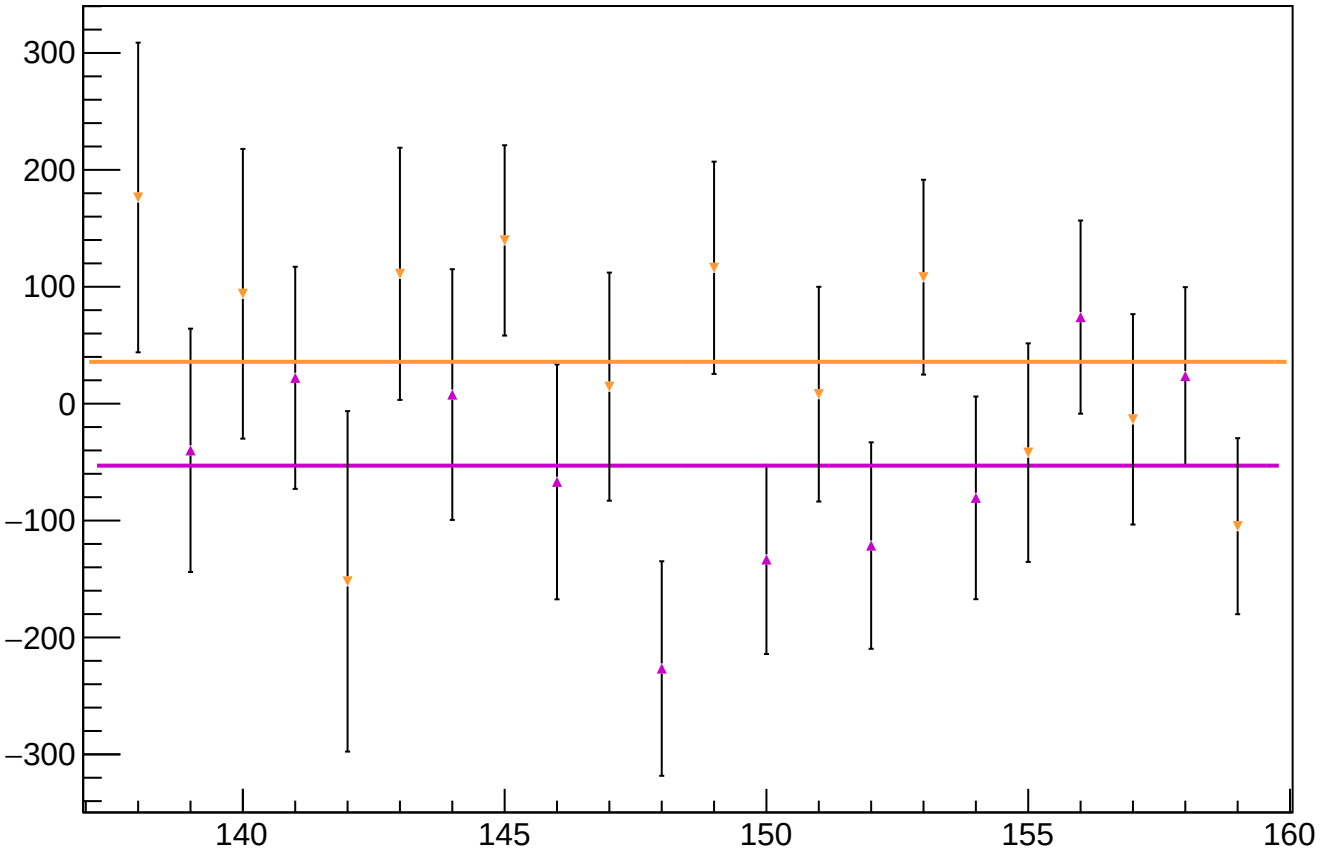
Left In: 200.093+/-0.050 χ^2/NDF:653394.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 201.786+/-0.035 χ^2/NDF: 1376085.7/21

- 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: 35.793+/-27.636 χ^2/NDF:11.3/11

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

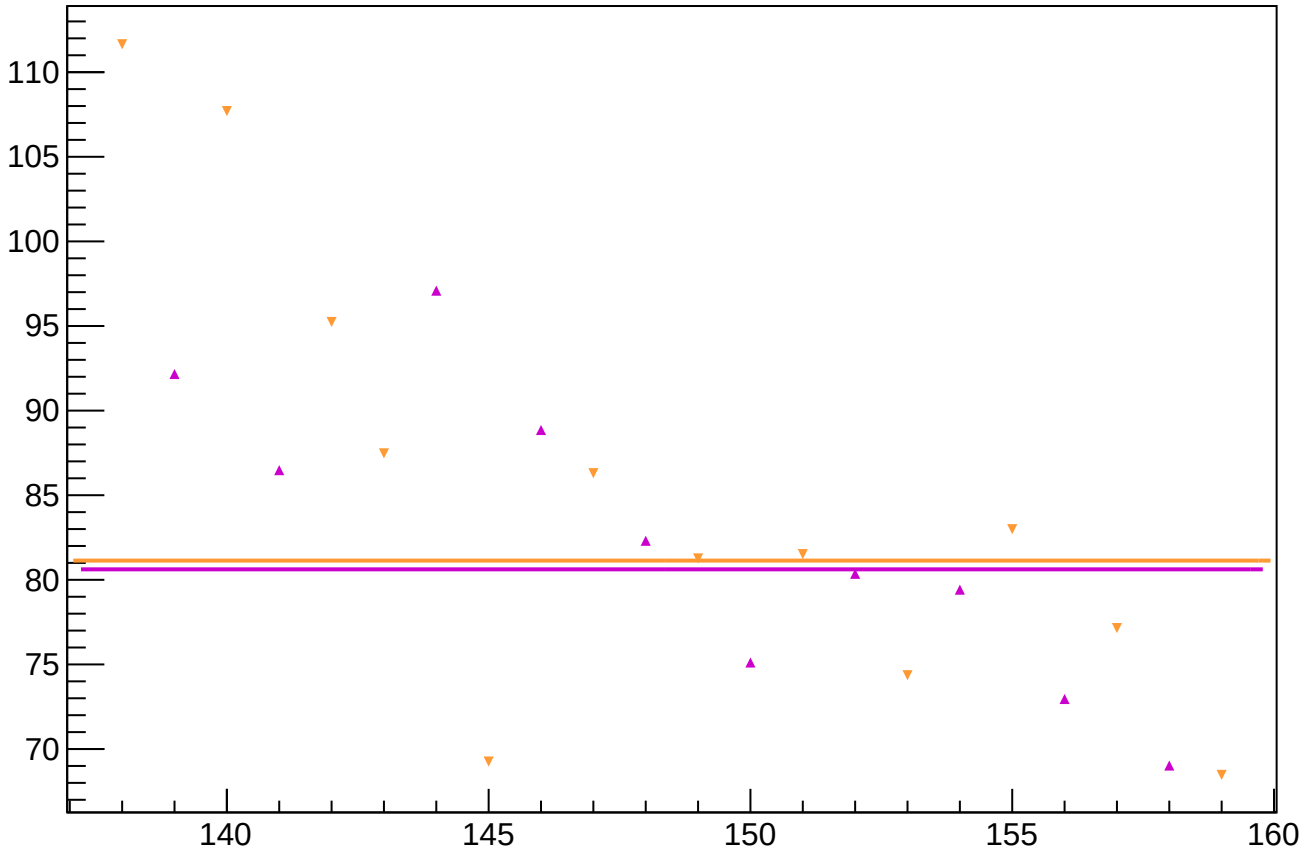
Left In: -53.009+/-28.381 χ^2/NDF:9.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.428+/-19.800 χ^2/NDF: 25.9/21

- 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: 81.137+/-0.020 χ^2/NDF:346435.3/11

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

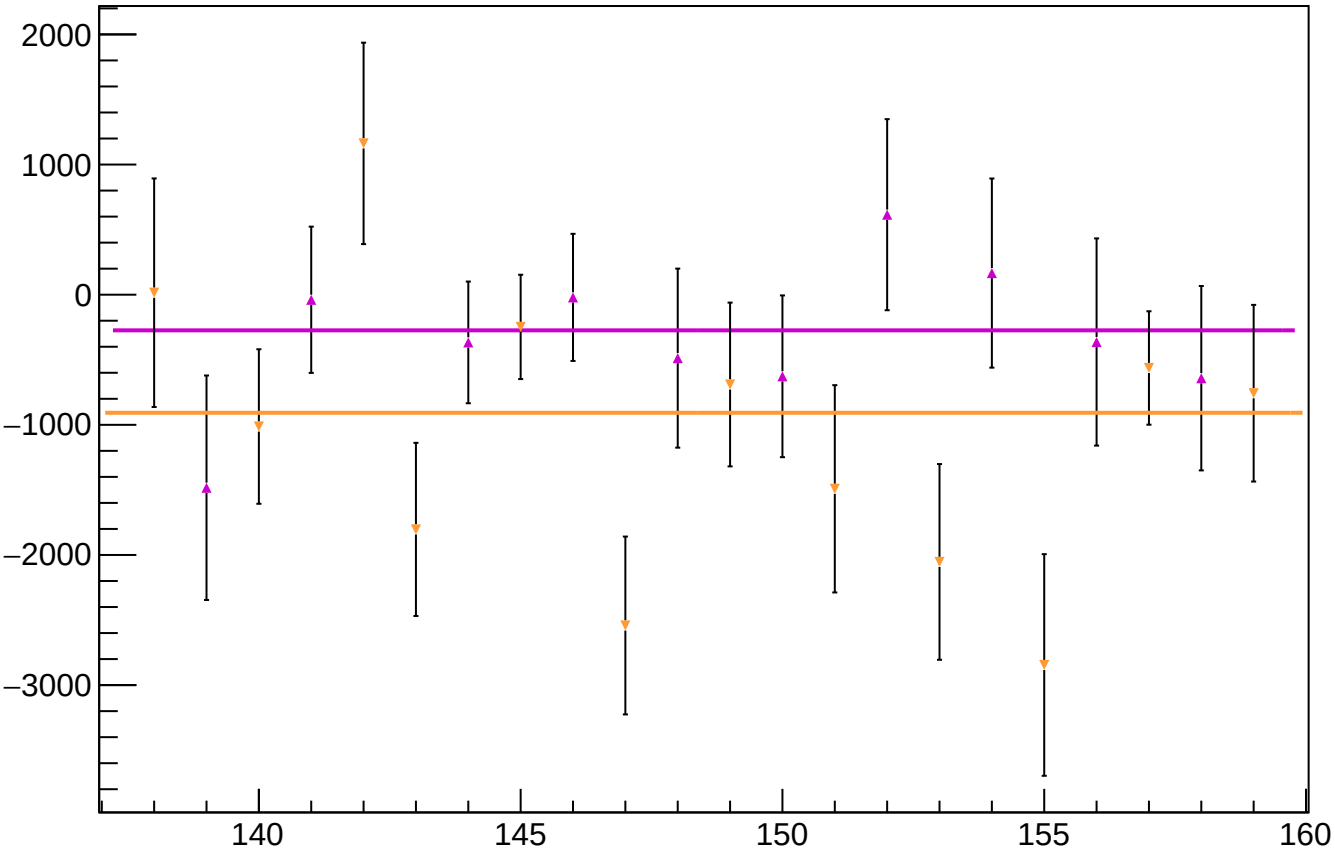
Left In: 80.619+/-0.020 χ^2/NDF:166880.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 80.885+/-0.014 χ^2/NDF: 513657.4/21

- 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: -907.323+/-179.280 χ^2/NDF:27.4/11

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

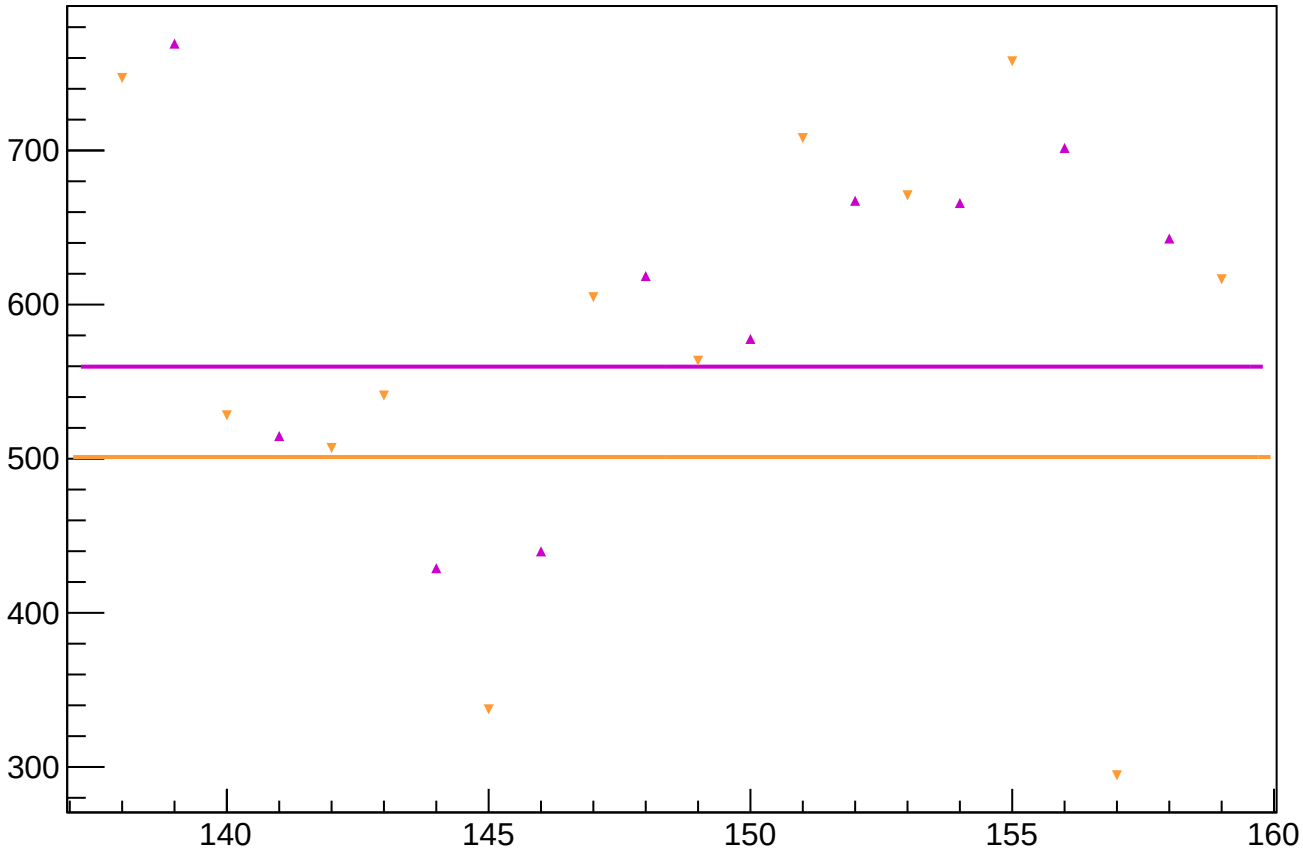
Left In: -273.975+/-198.817 χ^2/NDF:5.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -623.288+/-133.143 χ^2/NDF: 37.9/21

- 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: 501.096+/-0.127 χ^2/NDF:1493229.6/11

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

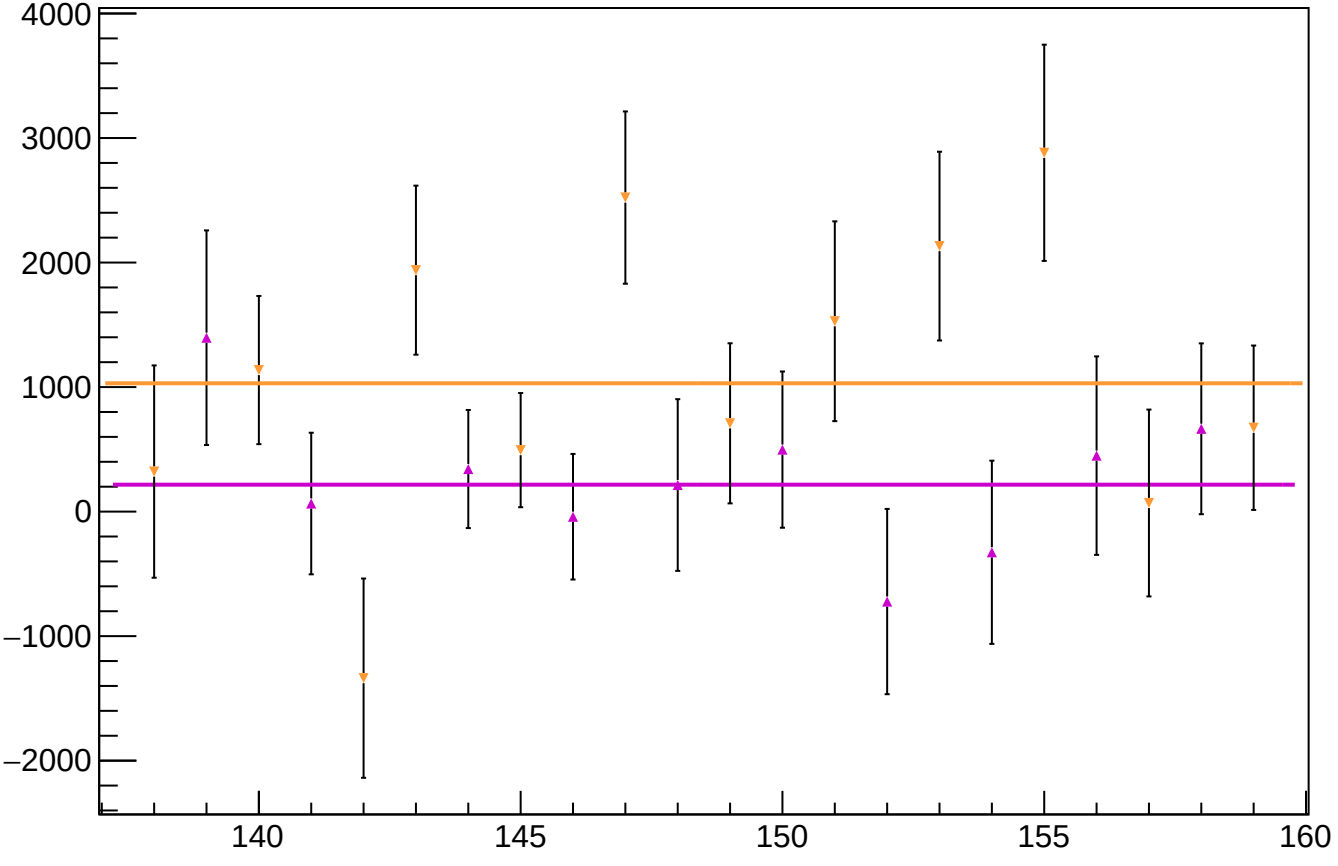
Left In: 559.737+/-0.141 χ^2/NDF:600762.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 527.394+/-0.094 χ^2/NDF: 2189953.9/21

- 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: 1030.450+/-196.514 χ^2/NDF:26.5/11

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

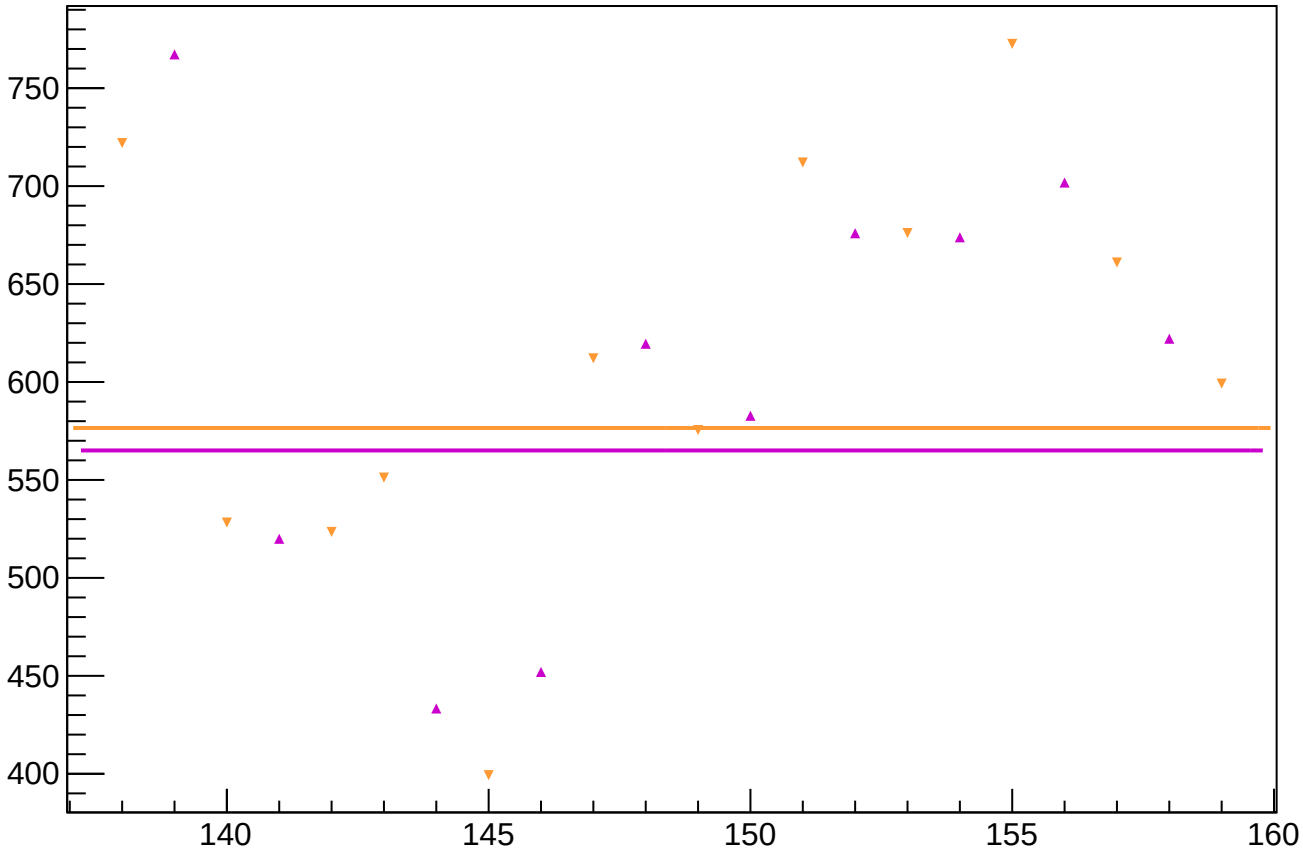
Left In: 216.217+/-200.712 χ^2/NDF:5.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 631.938+/-140.417 χ^2/NDF: 40.1/21

- 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: 576.535+/-0.139 χ^2/NDF:608427.7/11

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

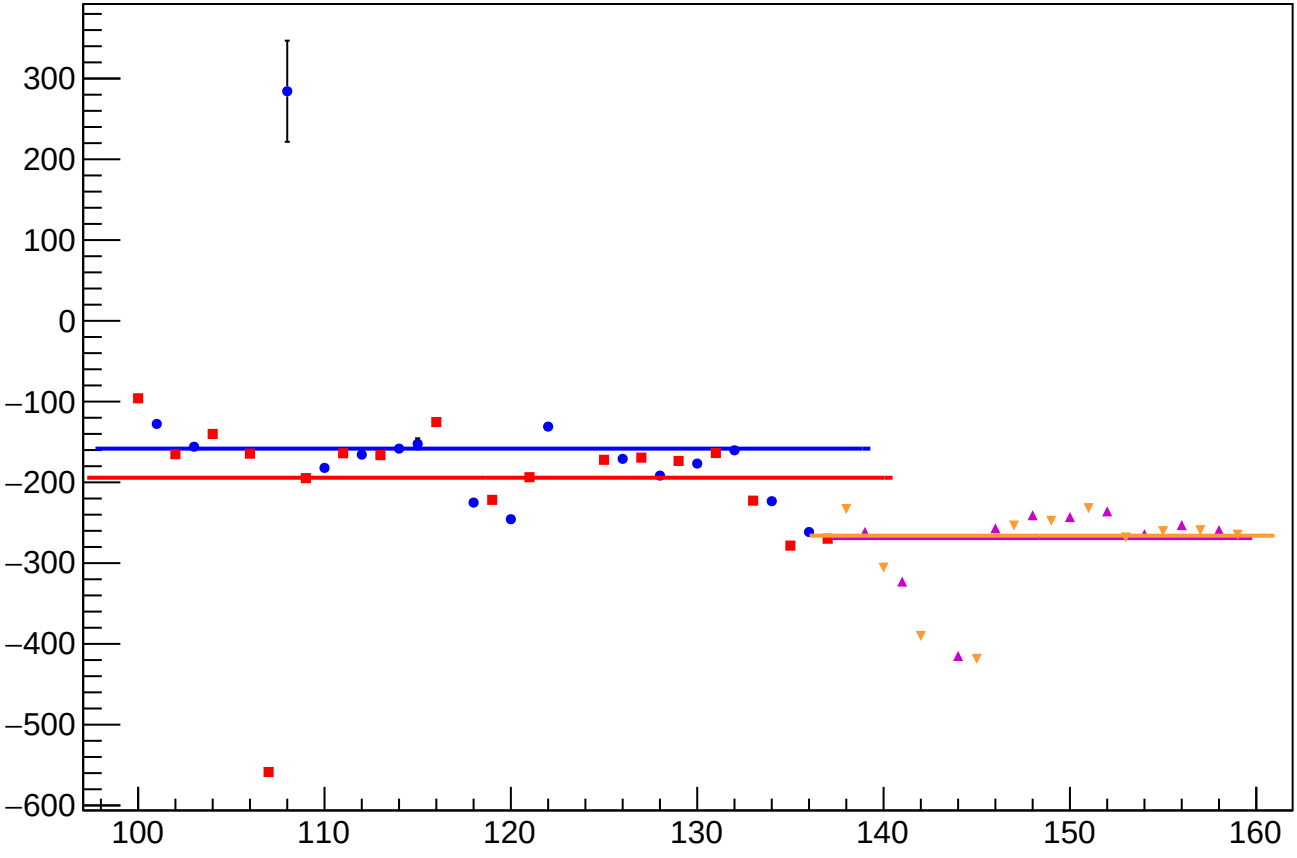
Left In: 565.054+/-0.142 χ^2/NDF:552572.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 570.916+/-0.099 χ^2/NDF: 1164341.4/21

- 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: -265.996+/-0.177 χ^2/NDF:25255.5/10

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

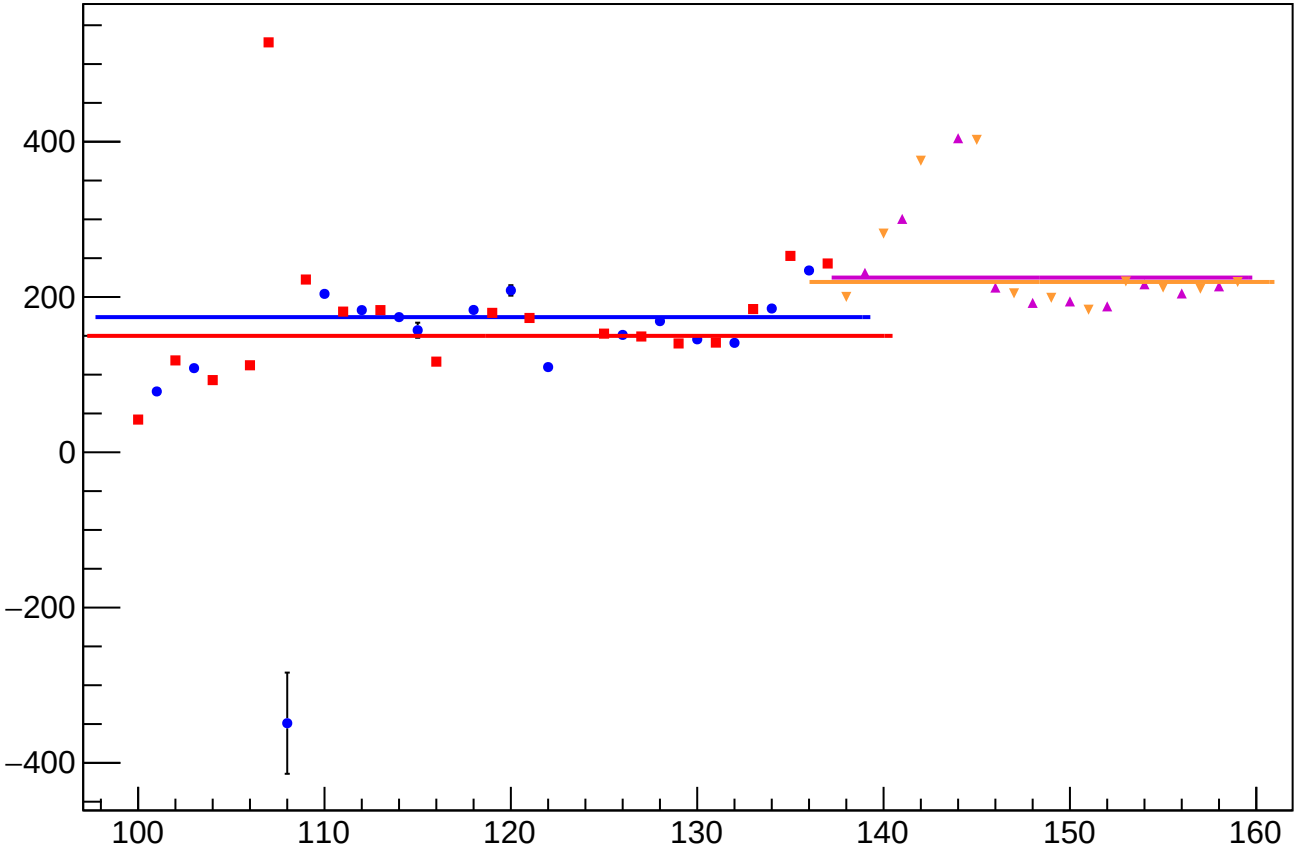
Left In: -268.974+/-0.195 χ^2/NDF:43098.2/9

+ sign -158.222+/-0.000 χ^2/NDF: 511453.9/26

All: -158.222+/-0.000 χ^2/NDF: 1102923.3/54

- sign -225.559+/-0.126 χ^2/NDF: 305373.4/27

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 219.373+/-0.176 χ^2/NDF:33227.2/10

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

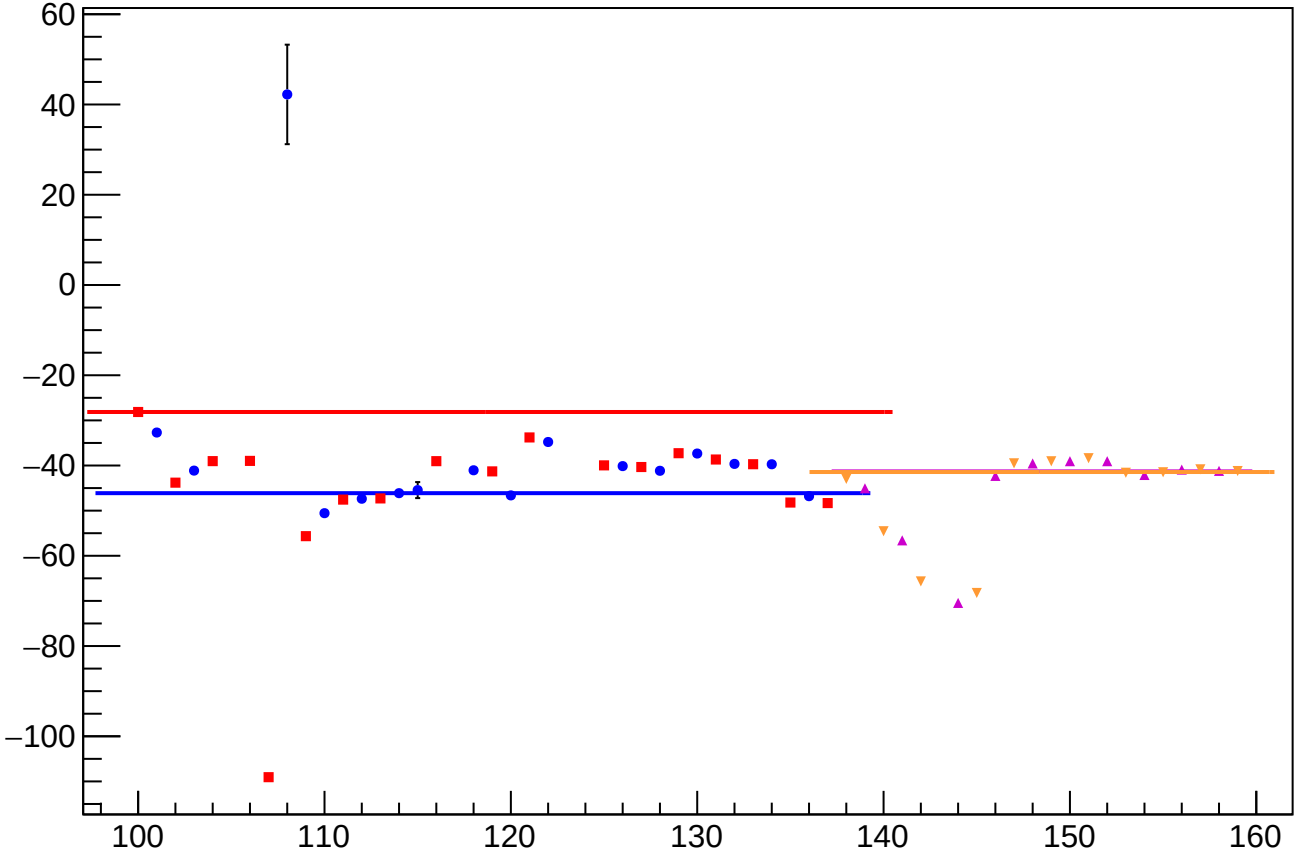
Left In: 225.018+/-0.197 χ^2/NDF:61048.6/9

+ sign 174.085+/-0.000 χ^2/NDF: 152837.6/26

All: 174.085+/-0.000 χ^2/NDF: 464029.5/54

- sign 187.264+/-0.139 χ^2/NDF: 302159.2/27

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -41.439+/-0.009 χ^2/NDF:84258.0/10

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

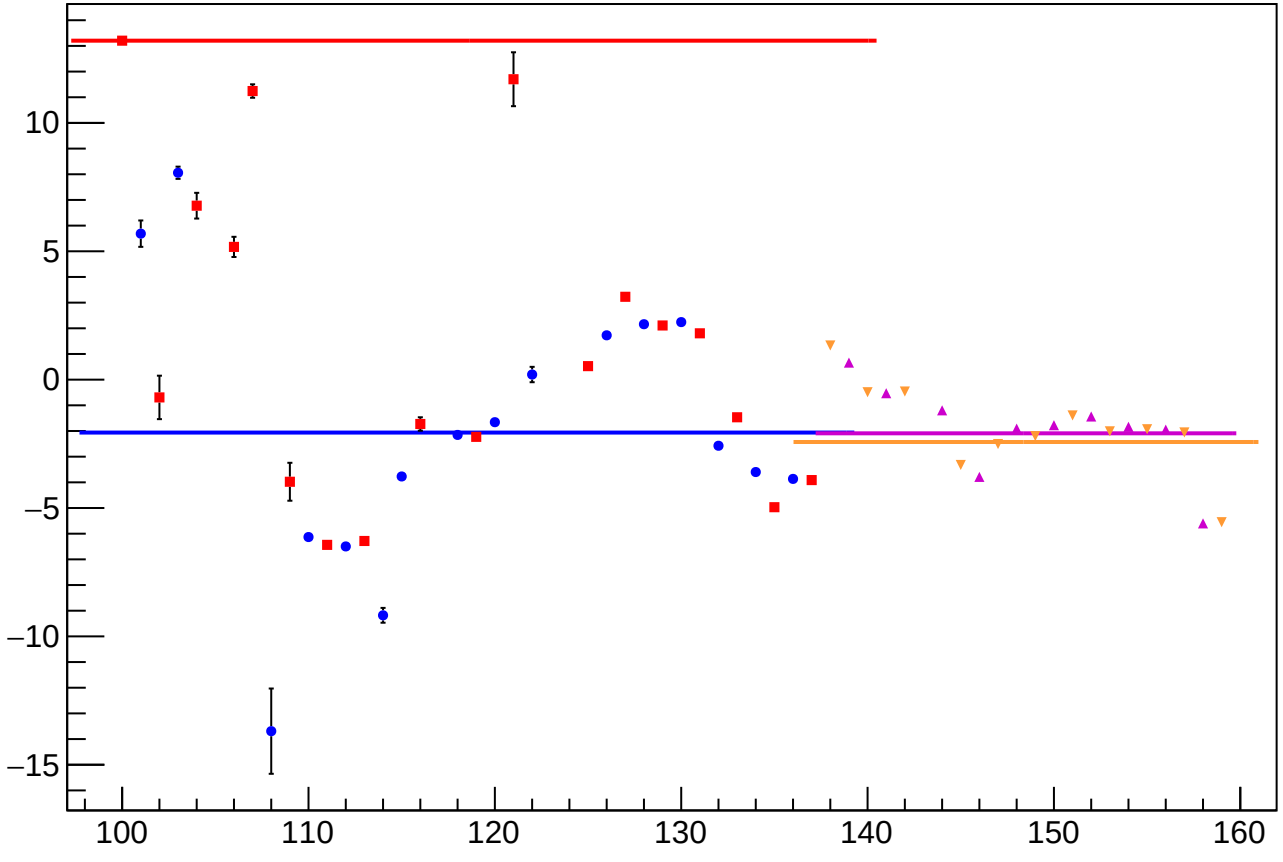
Left In: -41.301+/-0.011 χ^2/NDF:154747.8/9

+ sign -46.126+/-0.000 χ^2/NDF: 583751.2/26

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 2414732.3/27

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -2.428+/-0.010 χ^2/NDF:29900.1/10

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

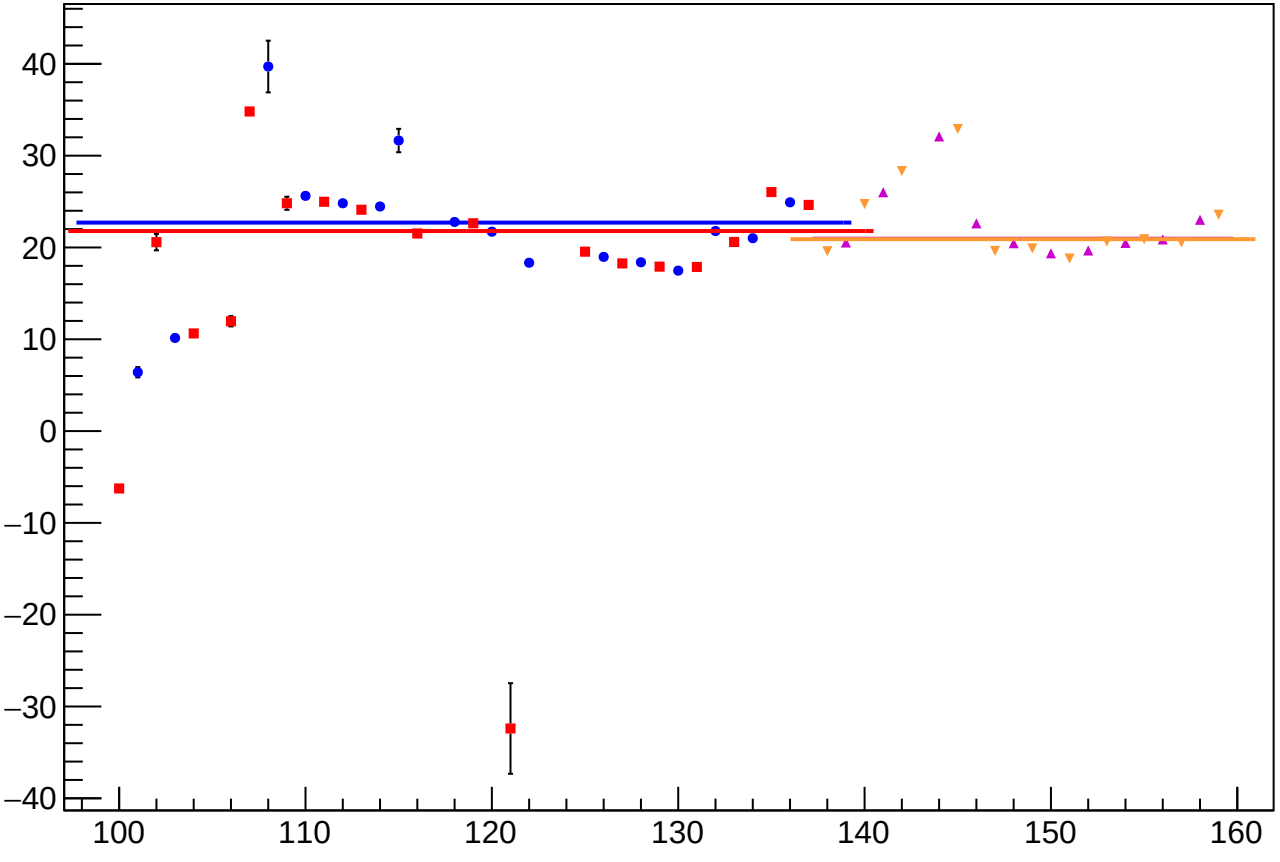
Left In: -2.090+/-0.008 χ^2/NDF:33564.5/9

+ sign -2.347+/-0.008 χ^2/NDF: 55895.3/26

All: 13.204+/-0.000 χ^2/NDF: 7885889.4/54

- sign 13.204+/-0.000 χ^2/NDF: 4409240.6/27

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.906+/-0.011 χ^2/NDF:21853.2/10

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

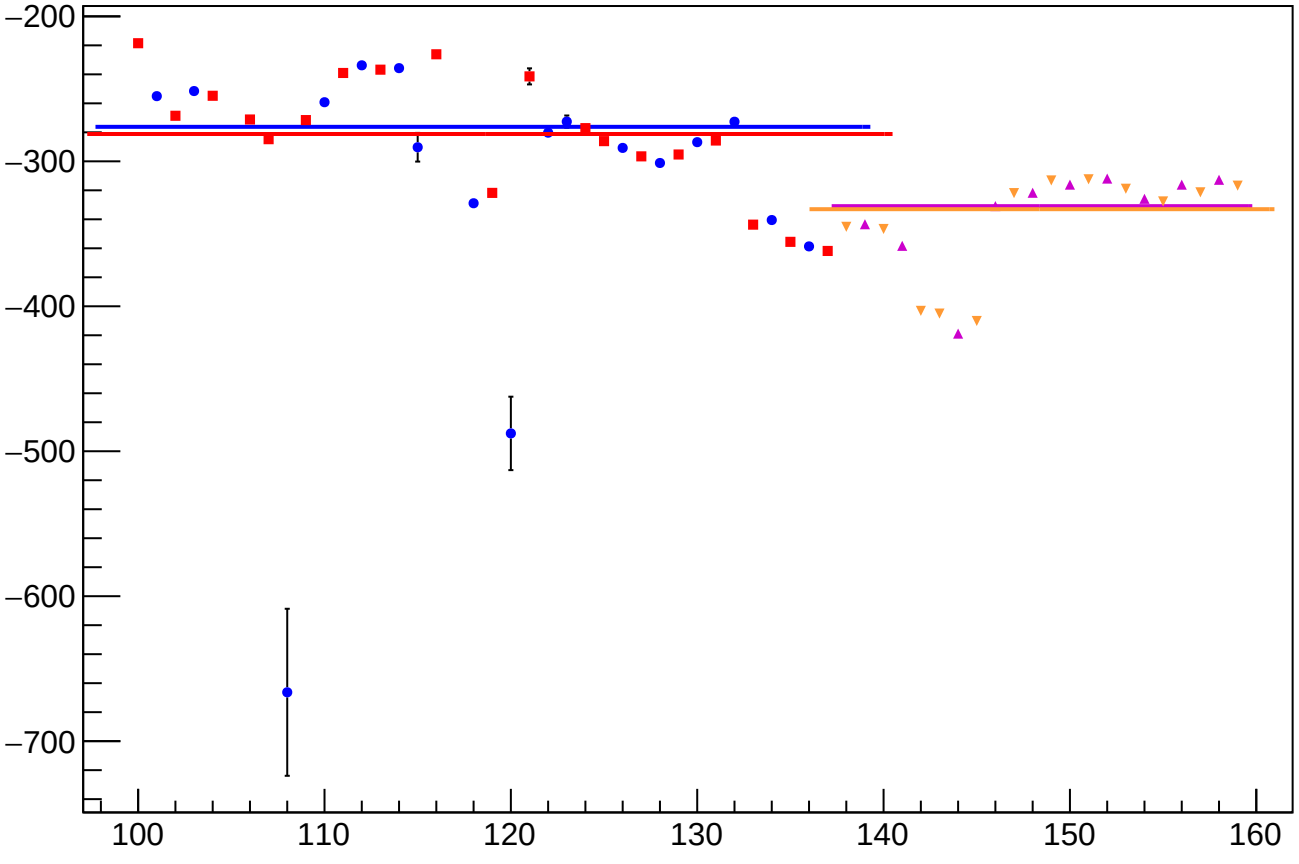
Left In: 20.953+/-0.010 χ^2/NDF:36827.0/9

+ sign 21.392+/-0.010 χ^2/NDF: 51386.9/26

All: 21.227+/-0.007 χ^2/NDF: 116666.6/54

- sign 21.093+/-0.009 χ^2/NDF: 64758.8/27

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -333.020+/-0.164 χ^2/NDF:26318.1/11

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

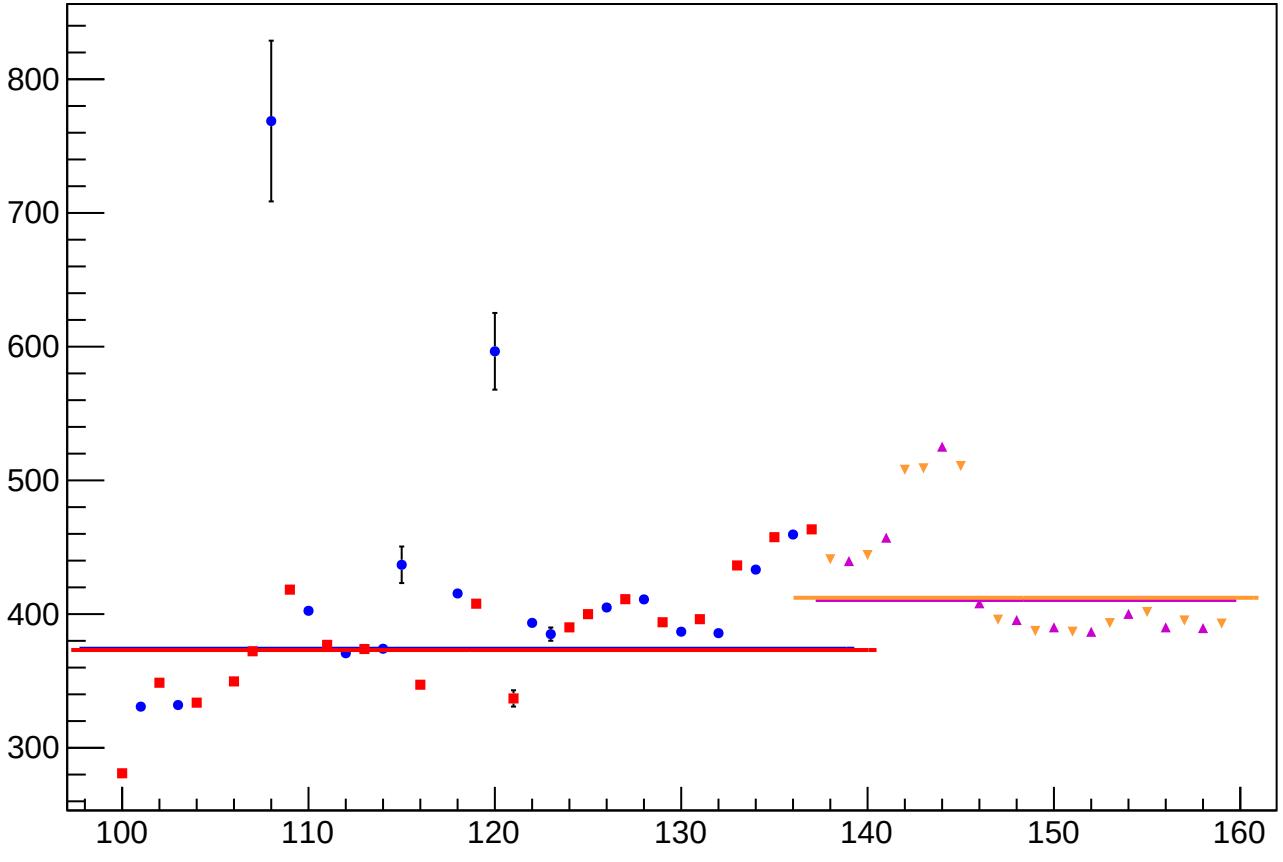
Left In: -330.922+/-0.132 χ^2/NDF:34798.0/9

+ sign -305.127+/-0.117 χ^2/NDF: 143664.6/28

All: -307.311+/-0.075 χ^2/NDF: 320015.9/57

- sign -308.859+/-0.098 χ^2/NDF: 175753.0/28

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 412.224+/-0.163 χ^2/NDF:47993.6/11

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

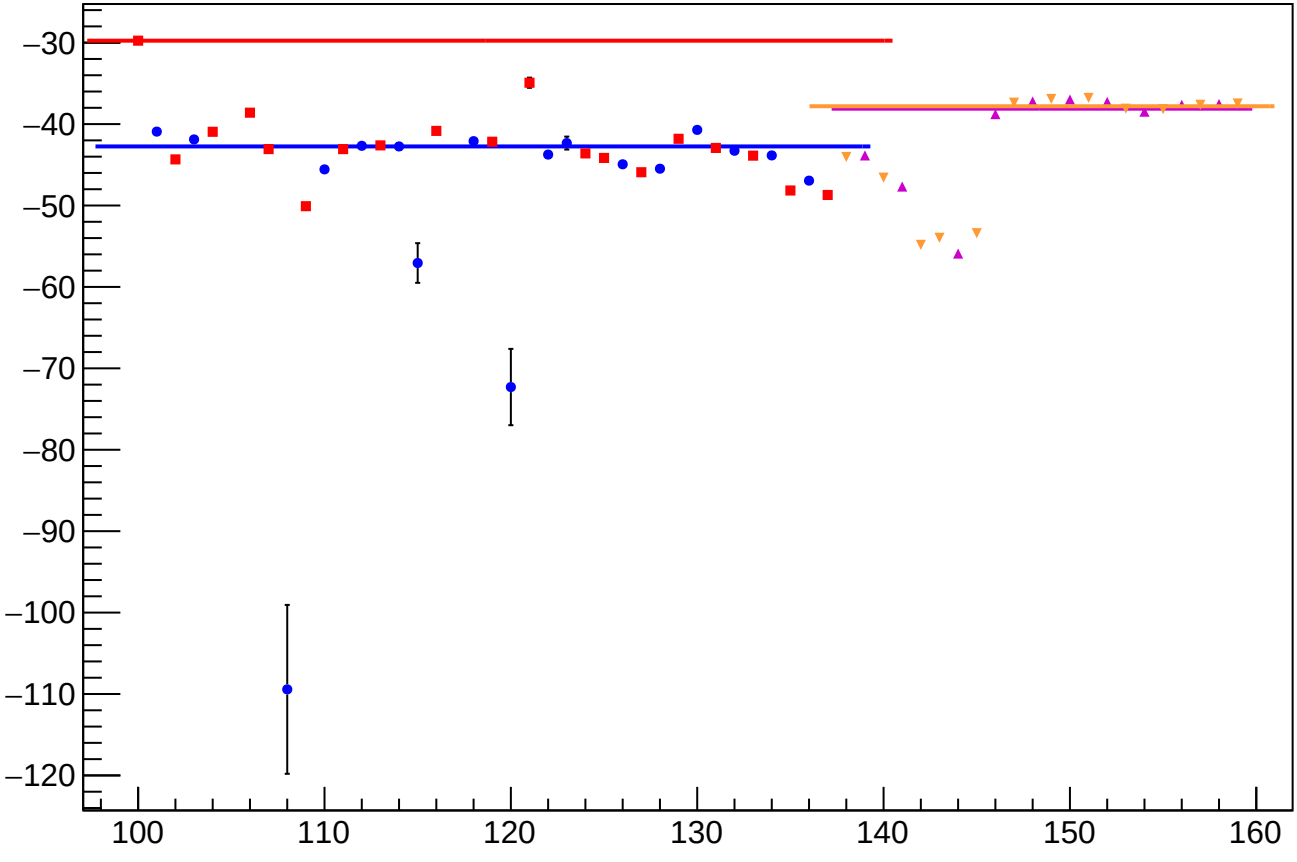
Left In: 410.557+/-0.133 χ^2/NDF:59343.1/9

+ sign 374.094+/-0.000 χ^2/NDF: 137460.4/28

All: 374.094+/-0.000 χ^2/NDF: 379919.4/57

- sign 394.994+/-0.102 χ^2/NDF: 200354.5/28

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.809+/-0.005 χ^2/NDF:249792.7/11

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

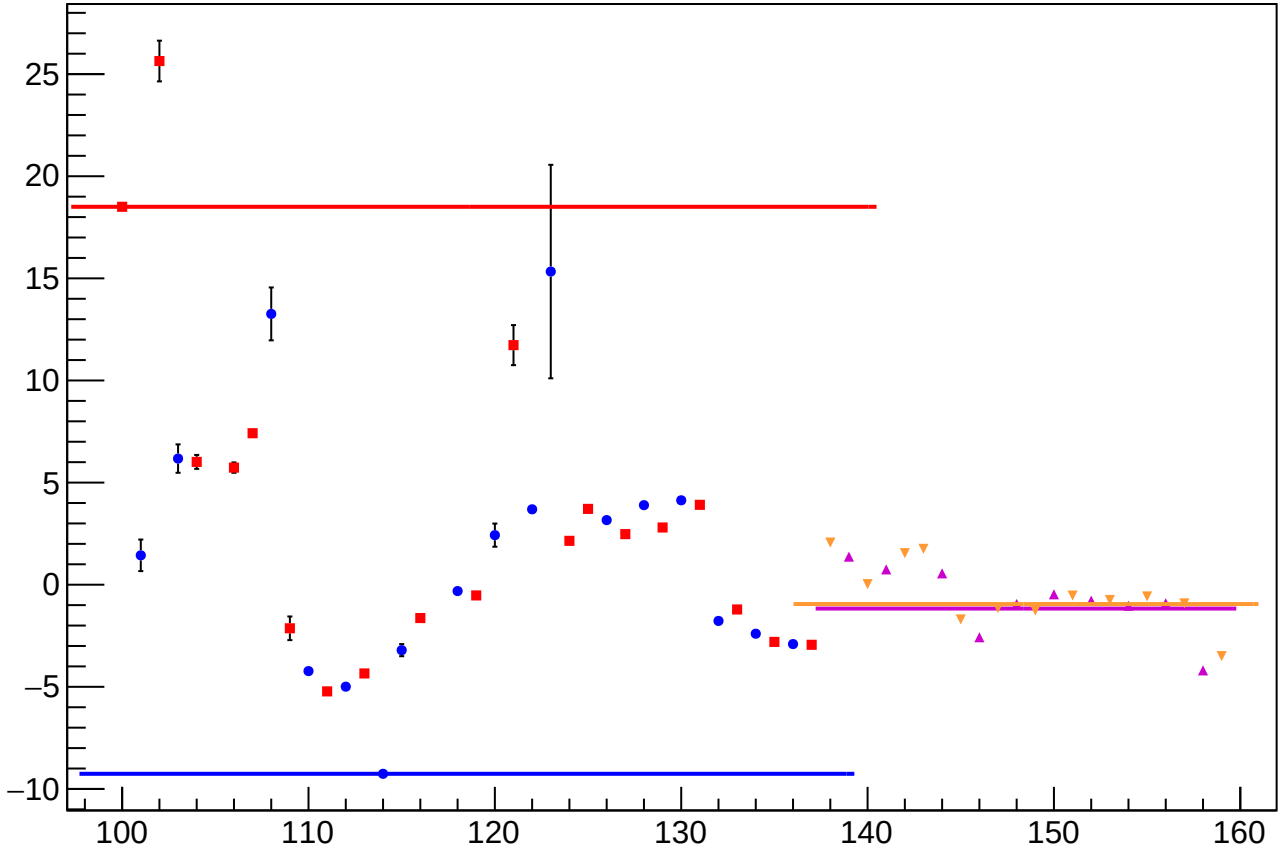
Left In: -38.106+/-0.005 χ^2/NDF:144829.4/9

+ sign -42.744+/-0.000 χ^2/NDF: 1187020.9/28

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 3013698.3/28

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: -0.947+/-0.008 χ^2/NDF:29405.8/11

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

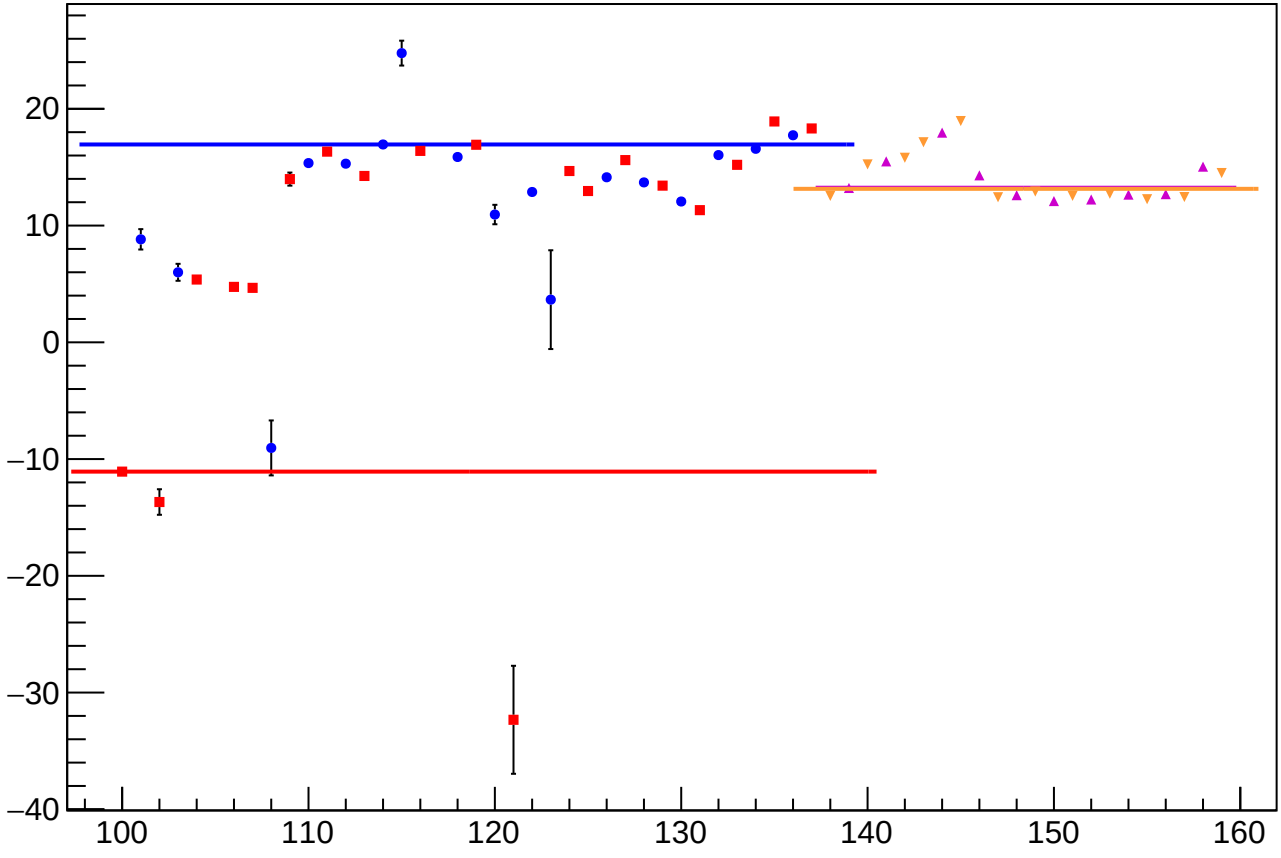
Left In: -1.168+/-0.008 χ^2/NDF:37824.2/9

+ sign -9.259+/-0.000 χ^2/NDF: 1462660.6/28

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 13695224.3/28

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 13.148+/-0.010 χ^2/NDF:15460.2/11

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

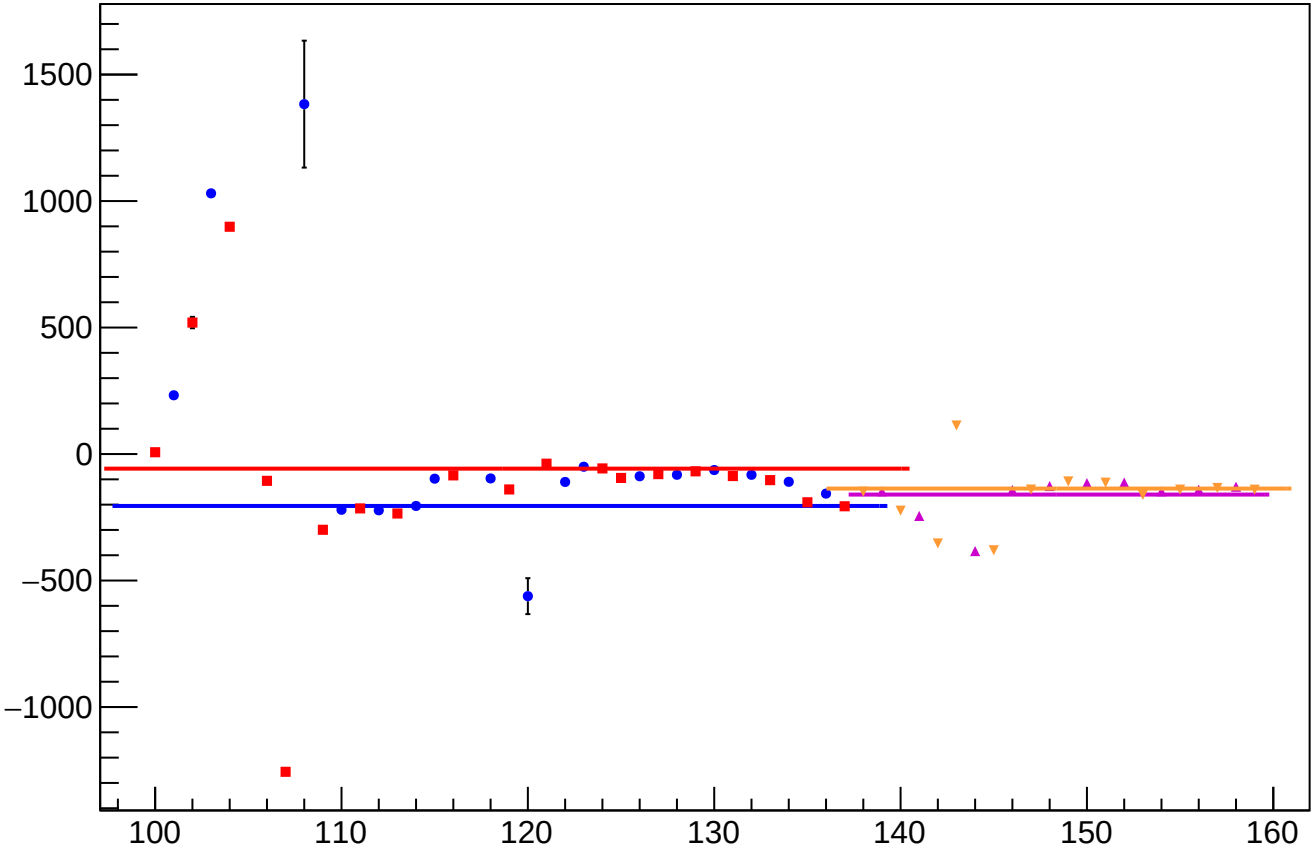
Left In: 13.242+/-0.011 χ^2/NDF:13781.0/9

+ sign 16.947+/-0.000 χ^2/NDF: 173863.0/28

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 7352638.7/28

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -136.429+/-0.285 χ^2/NDF:43145.5/11

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

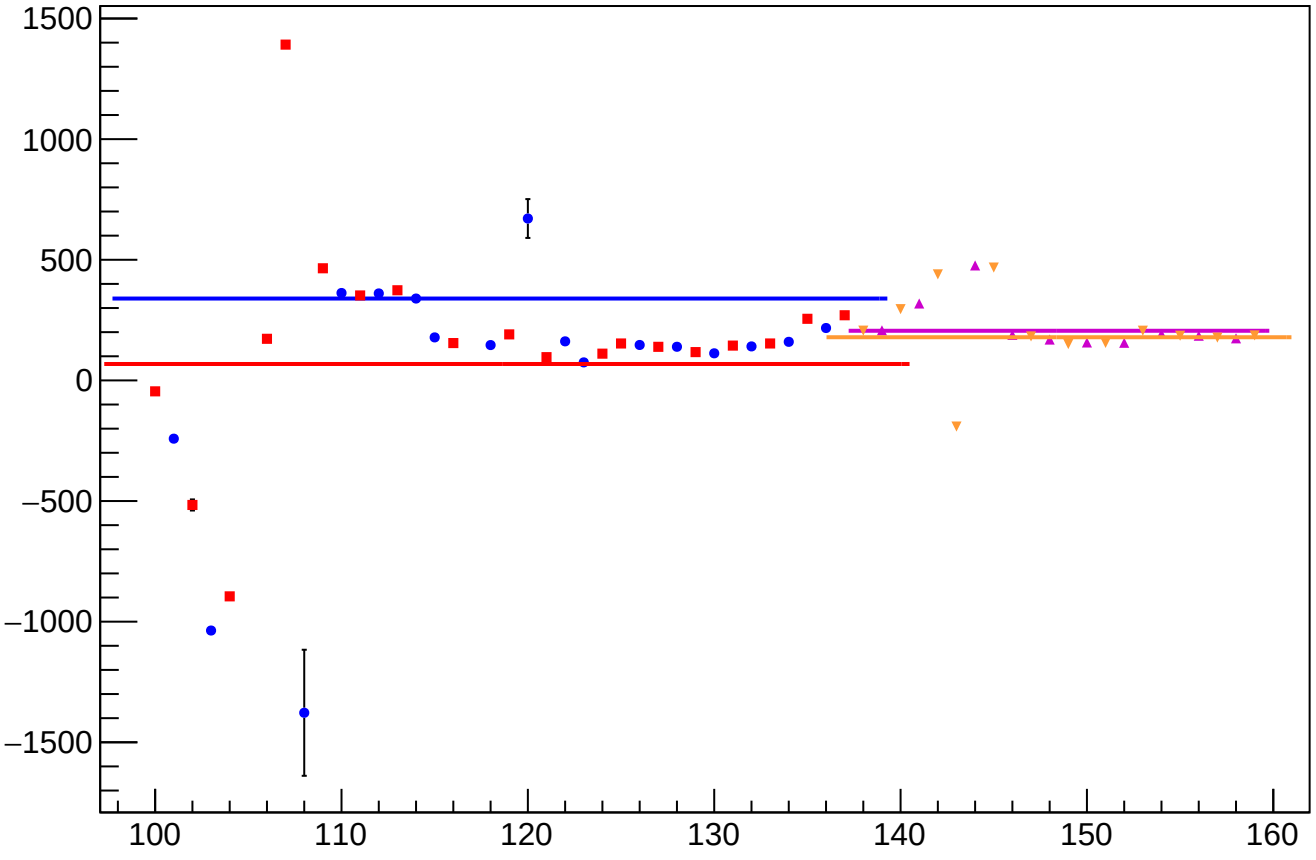
Left In: -160.178+/-0.360 χ^2/NDF:38565.0/9

+ sign -205.160+/-0.000 χ^2/NDF: 683923.5/28

All: -205.160+/-0.000 χ^2/NDF: 1123805.6/57

- sign -96.826+/-0.223 χ^2/NDF: 203388.5/28

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 178.928+/-0.285 χ^2/NDF:79064.0/11

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

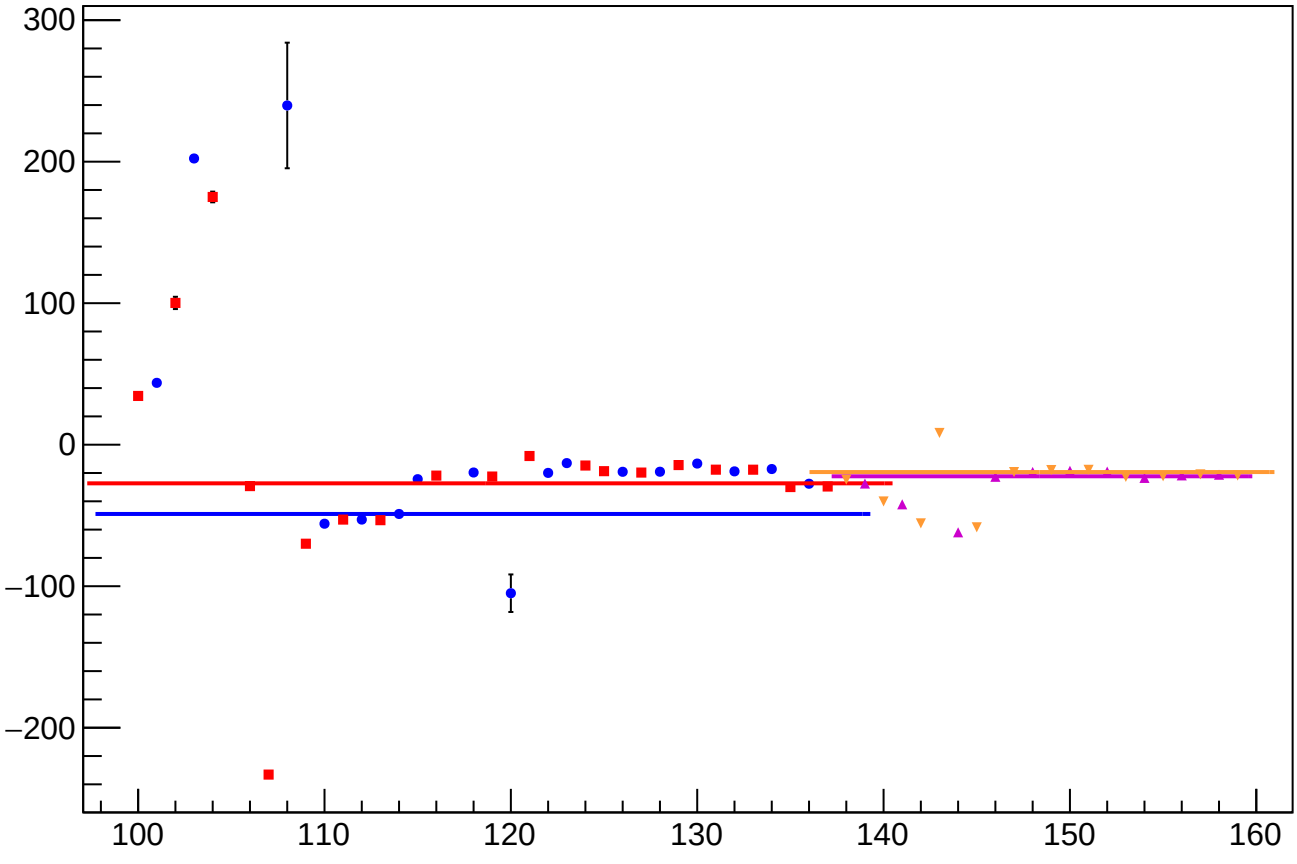
Left In: 205.745+/-0.366 χ^2/NDF:45113.8/9

+ sign 339.325+/-0.000 χ^2/NDF: 1425785.7/28

All: 339.325+/-0.000 χ^2/NDF: 2776042.9/57

- sign 120.318+/-0.225 χ^2/NDF: 405444.4/28

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -19.330+/-0.013 χ^2/NDF:564337.0/11

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

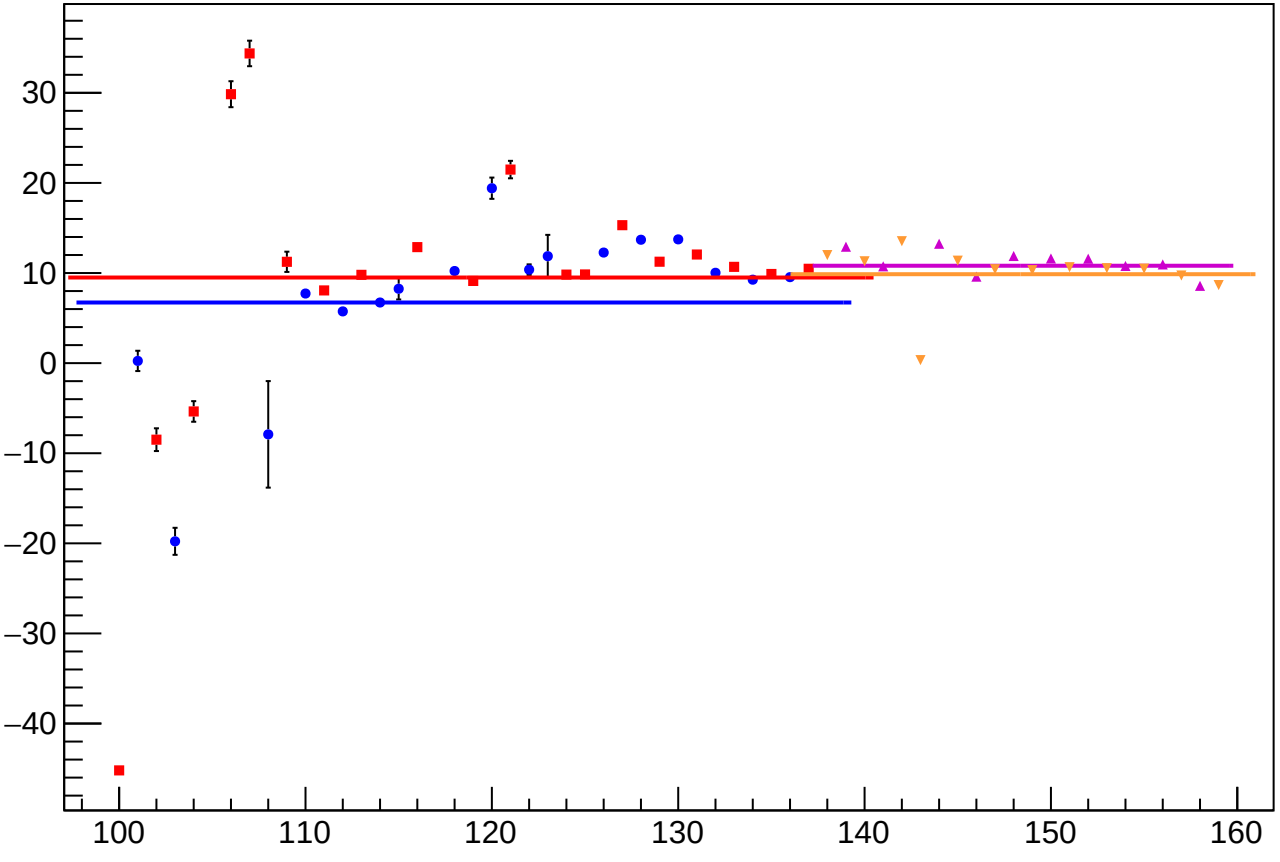
Left In: -22.321+/-0.020 χ^2/NDF:119639.3/9

+ sign -48.945+/-0.000 χ^2/NDF: 10822667.5/28

All: -48.945+/-0.000 χ^2/NDF: 13071940.3/57

- sign -22.965+/-0.019 χ^2/NDF: 295607.3/28

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.870+/-0.020 χ^2/NDF:21480.4/11

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

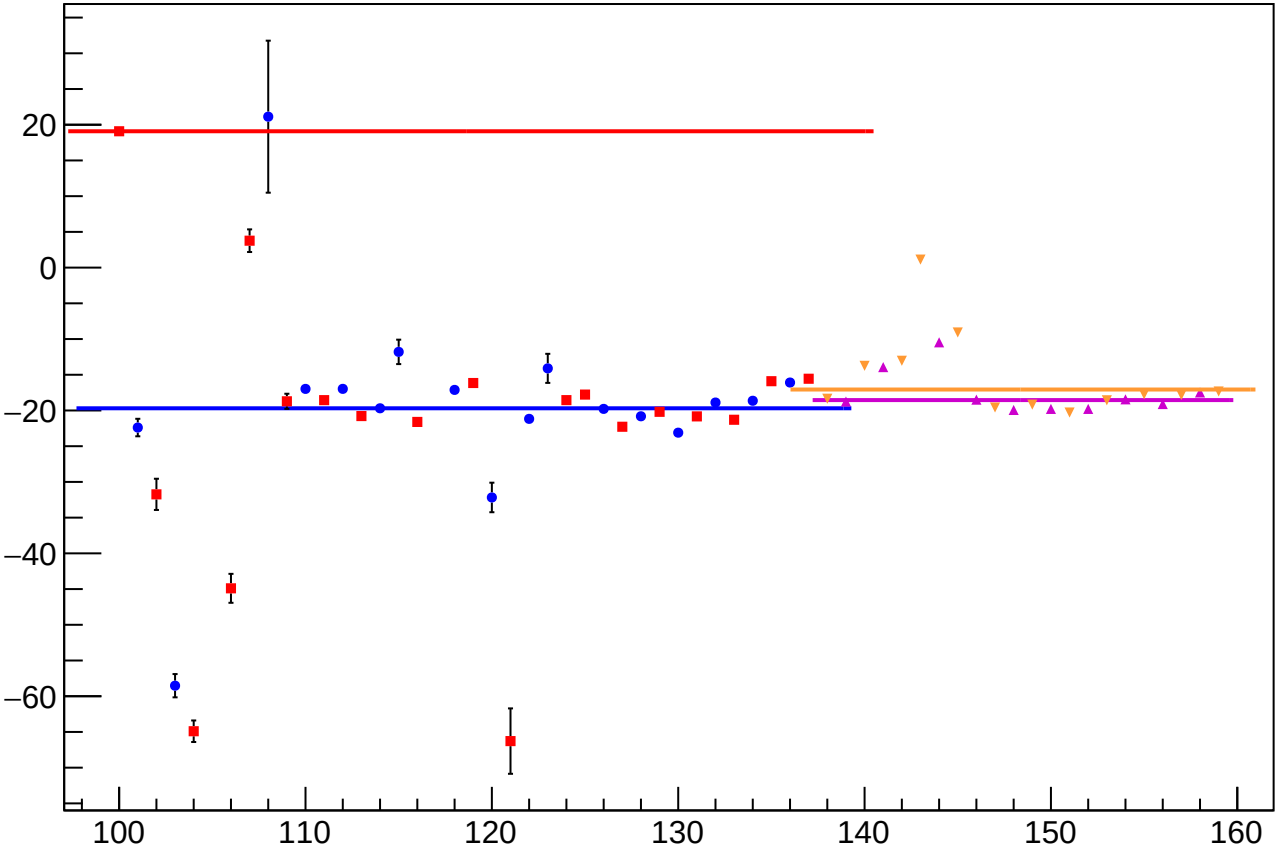
Left In: 10.809+/-0.016 χ^2/NDF:6458.2/9

+ sign 6.728+/-0.000 χ^2/NDF: 60930.7/28

All: 6.728+/-0.000 χ^2/NDF: 163105.0/57

- sign 10.583+/-0.015 χ^2/NDF: 34394.4/28

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -17.066+/-0.022 χ^2/NDF:36000.0/11

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

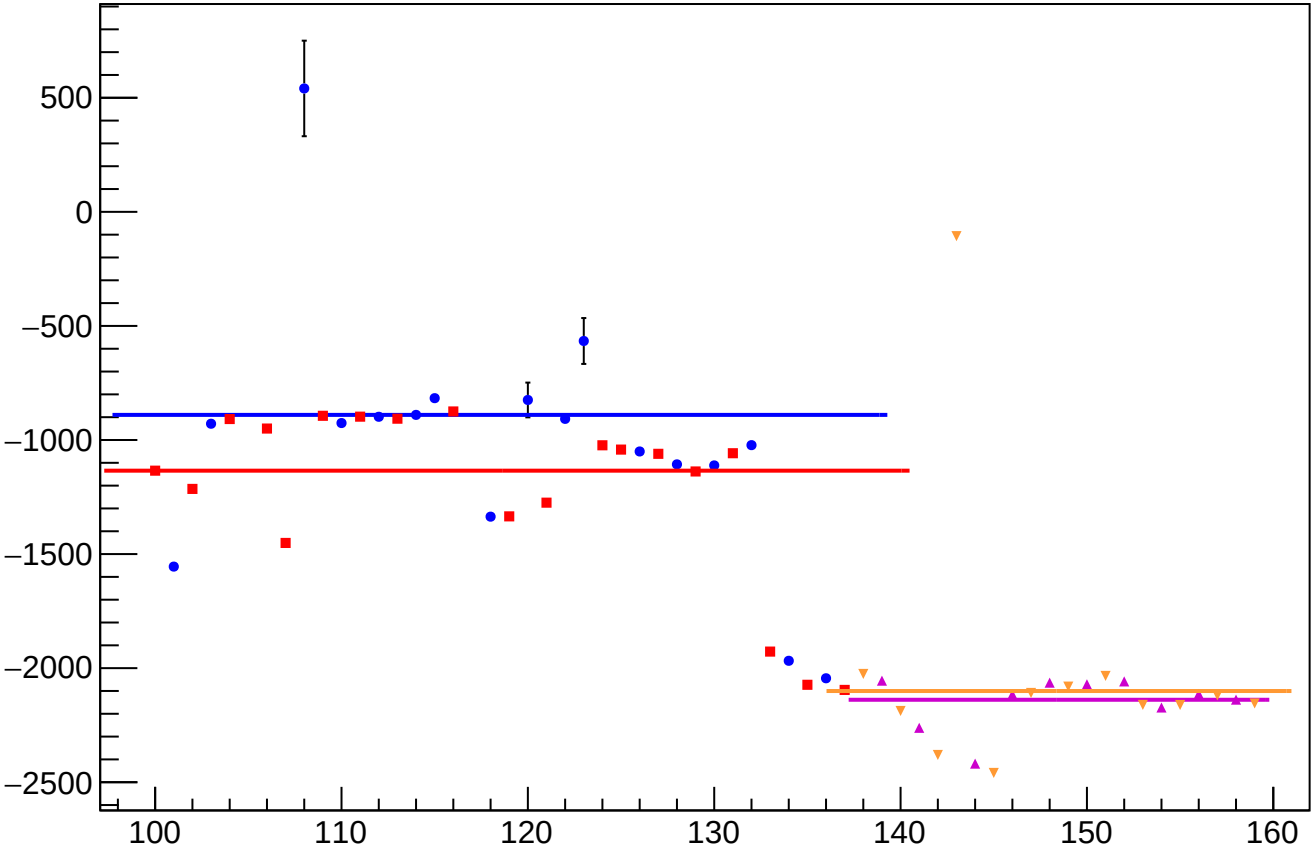
Left In: -18.545+/-0.022 χ^2/NDF:5924.6/9

+ sign -19.693+/-0.000 χ^2/NDF: 57411.7/28

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 3677018.5/28

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2100.259+/-0.531 χ^2/NDF:265007.4/11

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

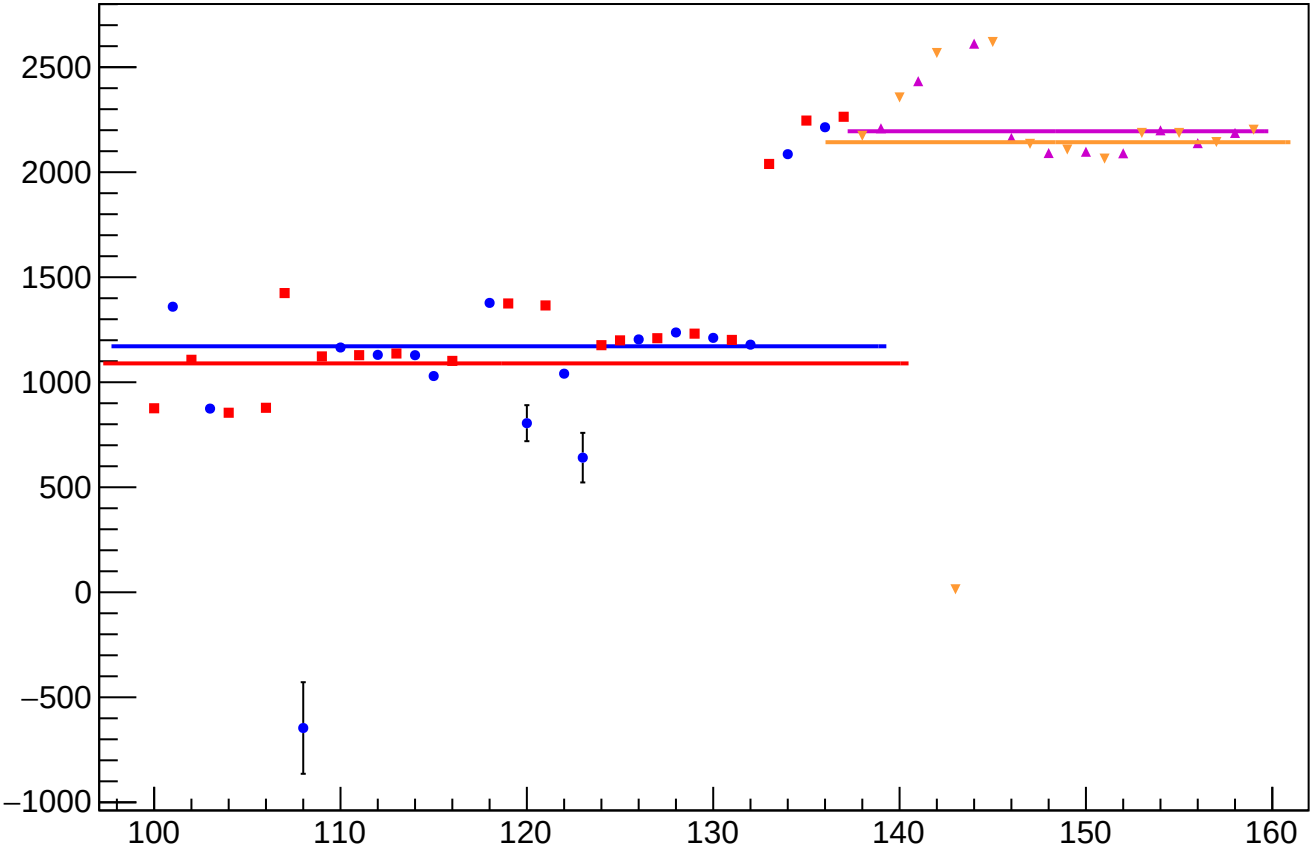
Left In: -2138.585+/-0.553 χ^2/NDF:31645.3/9

+ sign -889.928+/-0.000 χ^2/NDF: 6240634.4/28

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 4061809.8/28

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2142.851+/-0.525 χ^2/NDF:303038.6/11

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

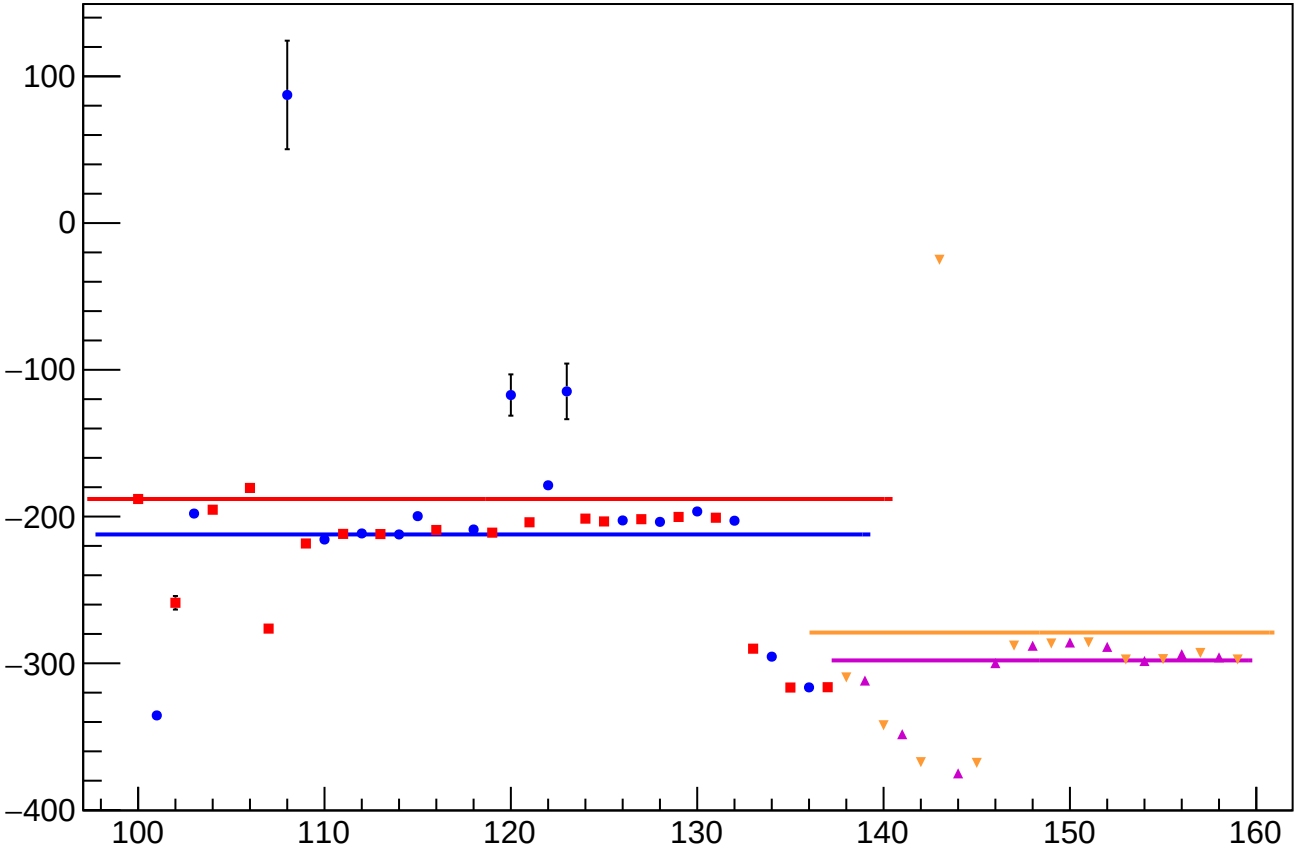
Left In: 2194.914+/-0.562 χ^2/NDF:55506.1/9

+ sign 1345.168+/-0.222 χ^2/NDF: 3619796.8/28

All: 1312.101+/-0.160 χ^2/NDF: 8033663.4/57

- sign 1276.386+/-0.231 χ^2/NDF: 4367850.7/28

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -279.041+/-0.028 χ^2/NDF:5742439.7/11

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

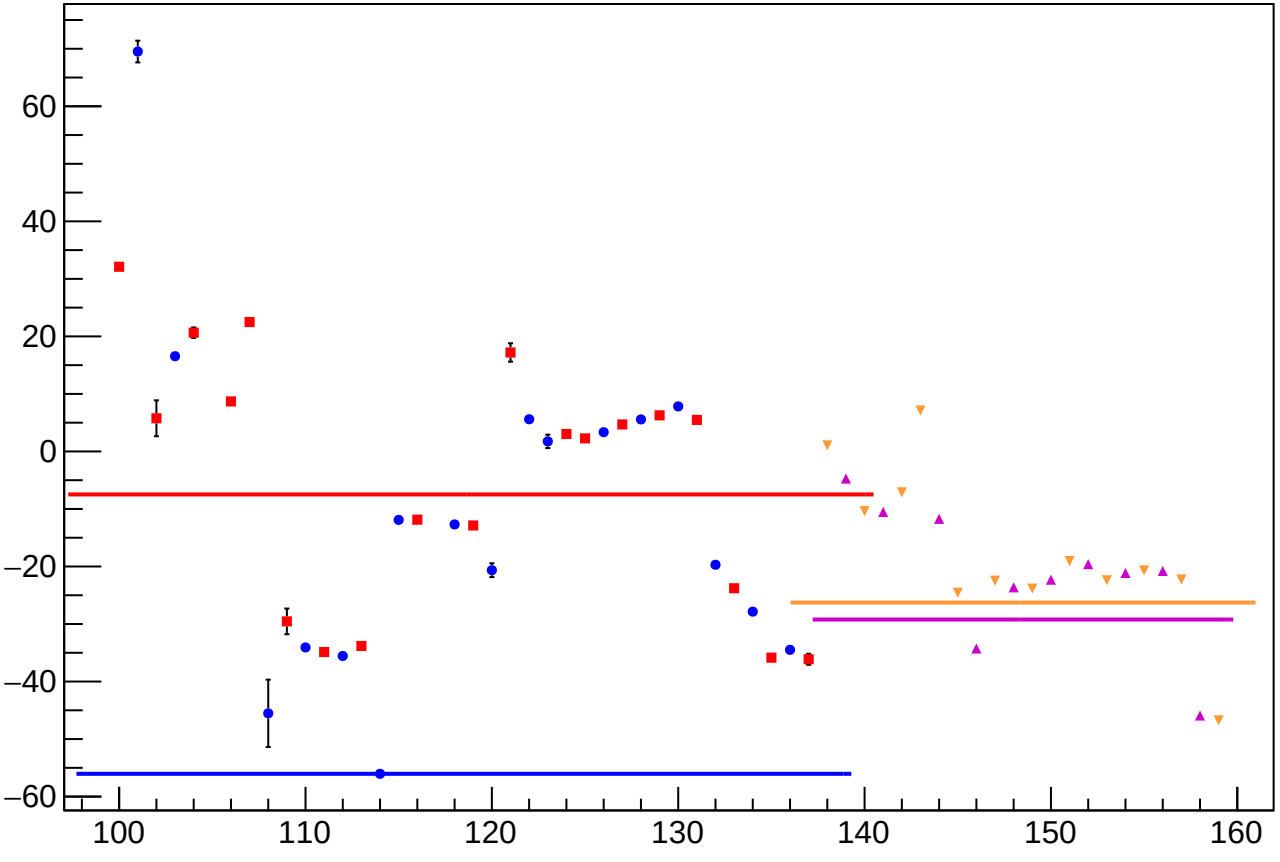
Left In: -298.033+/-0.029 χ^2/NDF:275679.9/9

+ sign -212.190+/-0.000 χ^2/NDF: 12434813.3/28

All: -195.625+/-0.000 χ^2/NDF: 1362230362 5

- sign -188.033+/-0.000 χ^2/NDF: 15307452.2/28

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -26.270+/-0.028 χ^2/NDF:204562.6/11

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

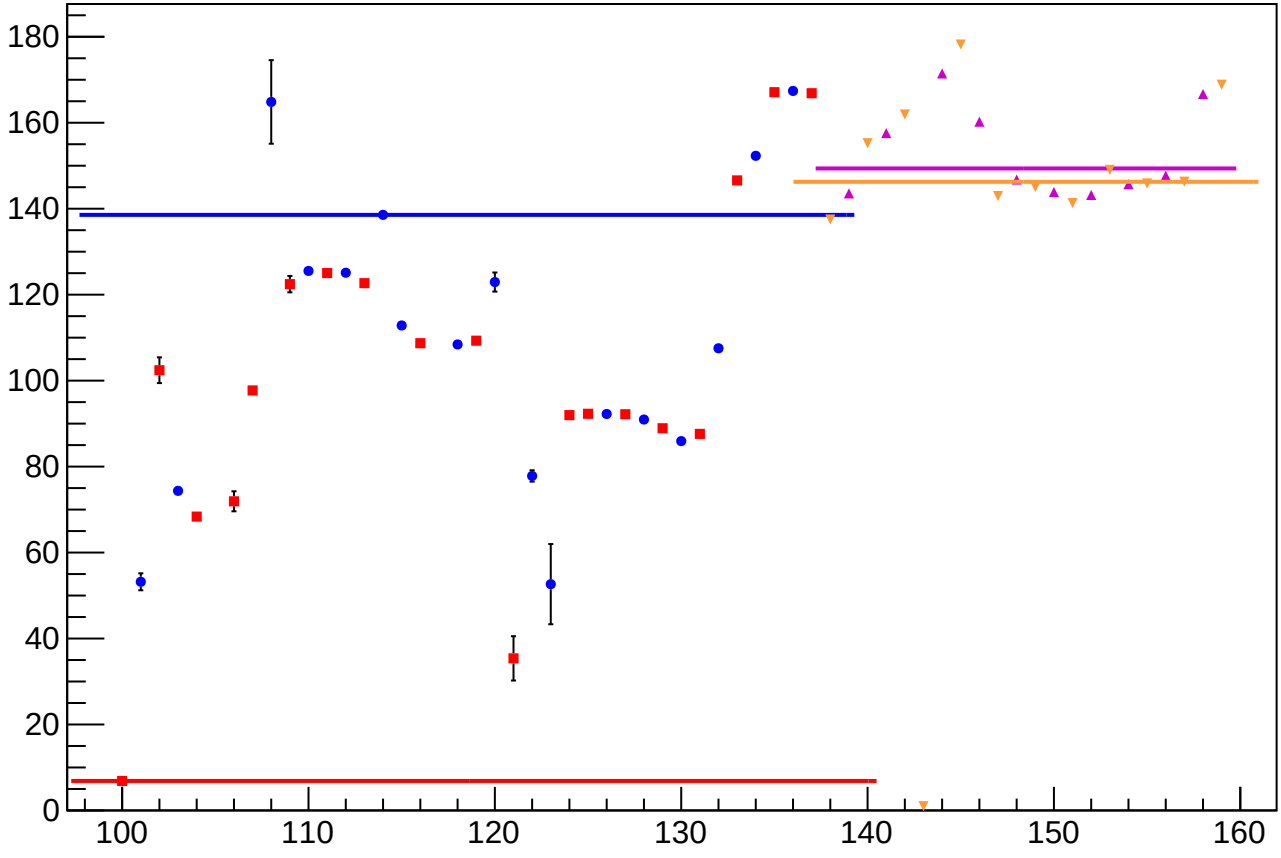
Left In: -29.217+/-0.026 χ^2/NDF:259500.6/9

+ sign -56.037+/-0.000 χ^2/NDF: 2922945.6/28

All: -56.037+/-0.000 χ^2/NDF: 5728890.3/57

- sign -23.160+/-0.022 χ^2/NDF: 625066.9/28

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 146.258+/-0.035 χ^2/NDF:366015.1/11

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

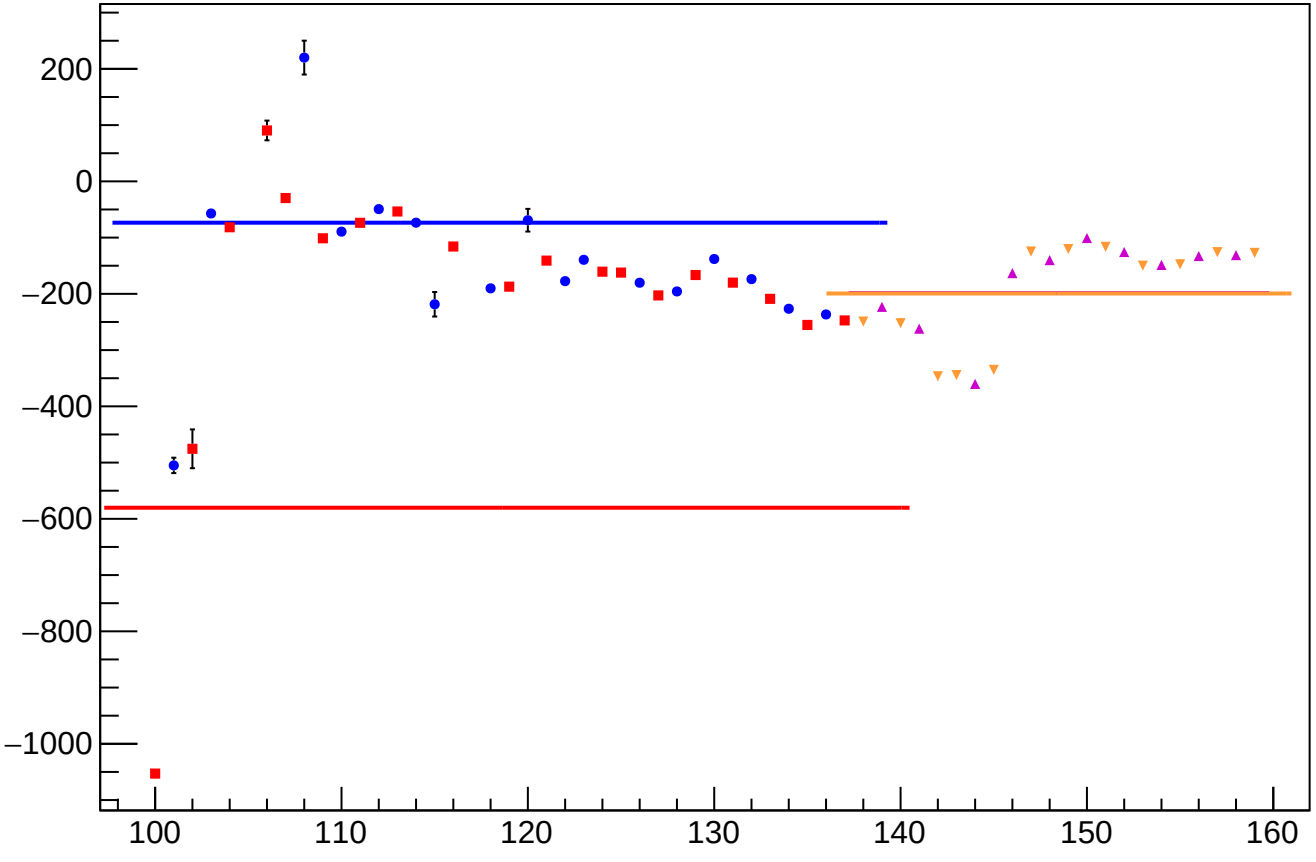
Left In: 149.364+/-0.037 χ^2/NDF:44848.3/9

+ sign 138.565+/-0.000 χ^2/NDF: 1315514.2/28

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 22534177.5/28

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -199.355+/-0.332 χ^2/NDF:60005.3/11

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

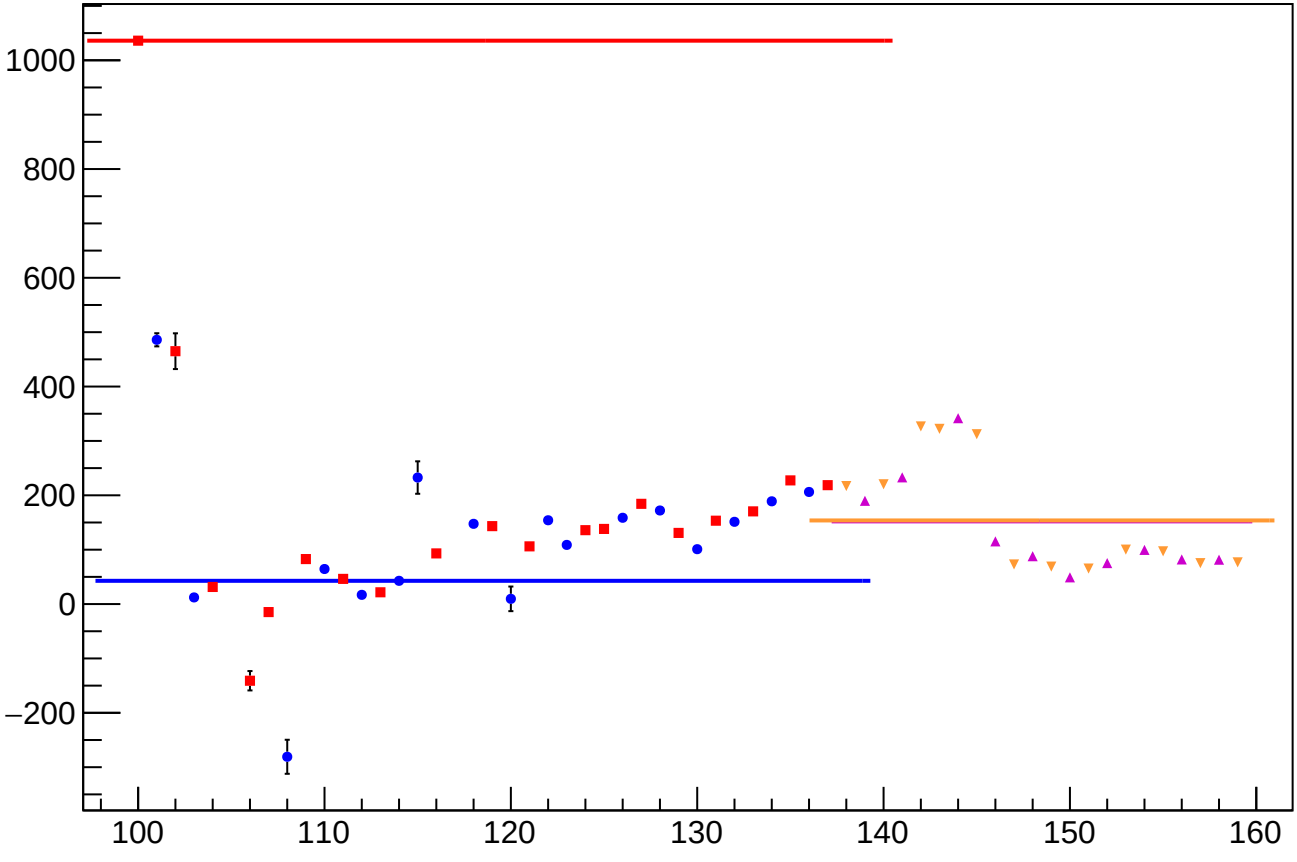
Left In: -198.562+/-0.371 χ^2/NDF:51936.8/9

+ sign -73.485+/-0.000 χ^2/NDF: 302506.4/28

All: -73.485+/-0.000 χ^2/NDF: 7271362.6/57

- sign -454.031+/-0.213 χ^2/NDF: 3791168.1/28

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 153.768+/-0.337 χ^2/NDF:74151.8/11

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

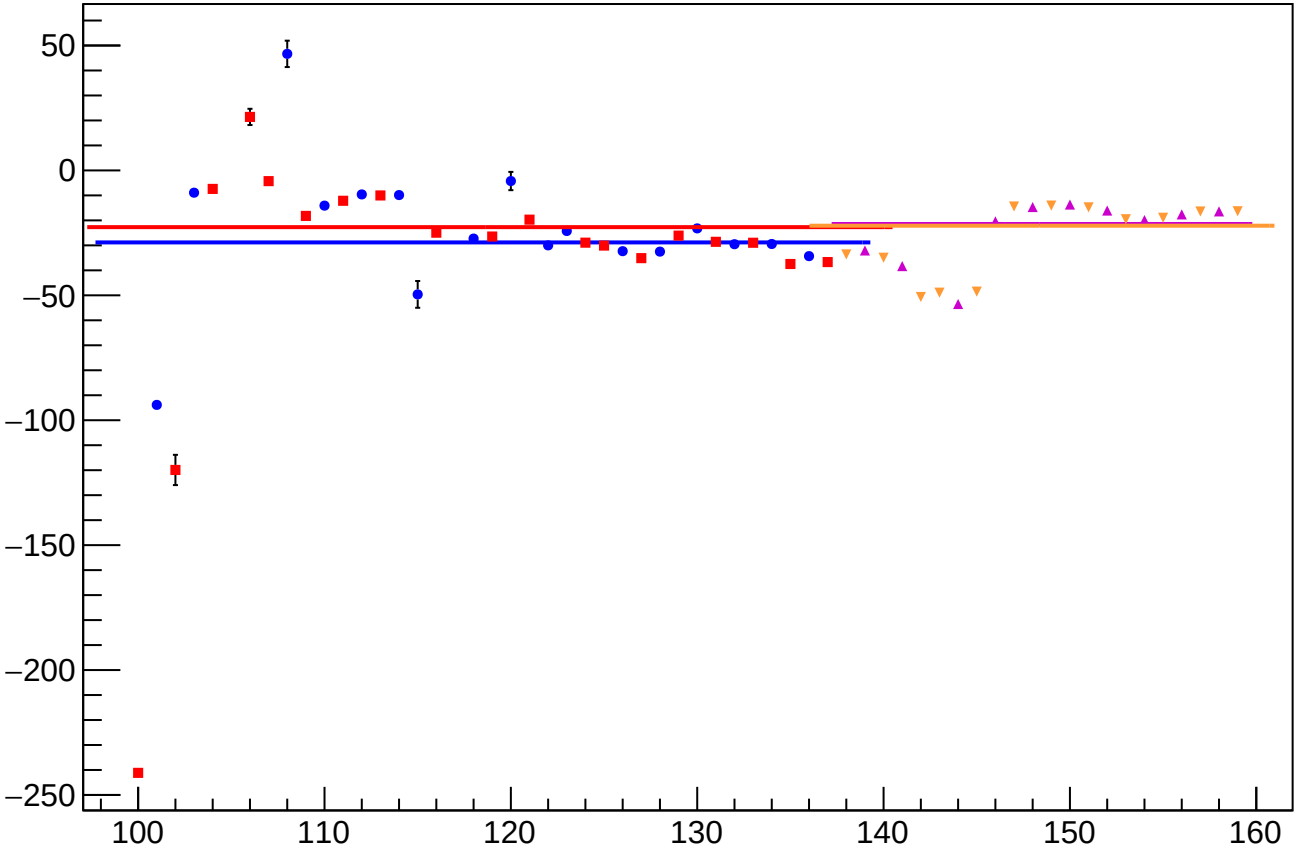
Left In: 152.044+/-0.379 χ^2/NDF:61115.4/9

+ sign 42.743+/-0.000 χ^2/NDF: 267449.7/28

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 10425643.4/28

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -22.131+/-0.017 χ^2/NDF:322060.4/11

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

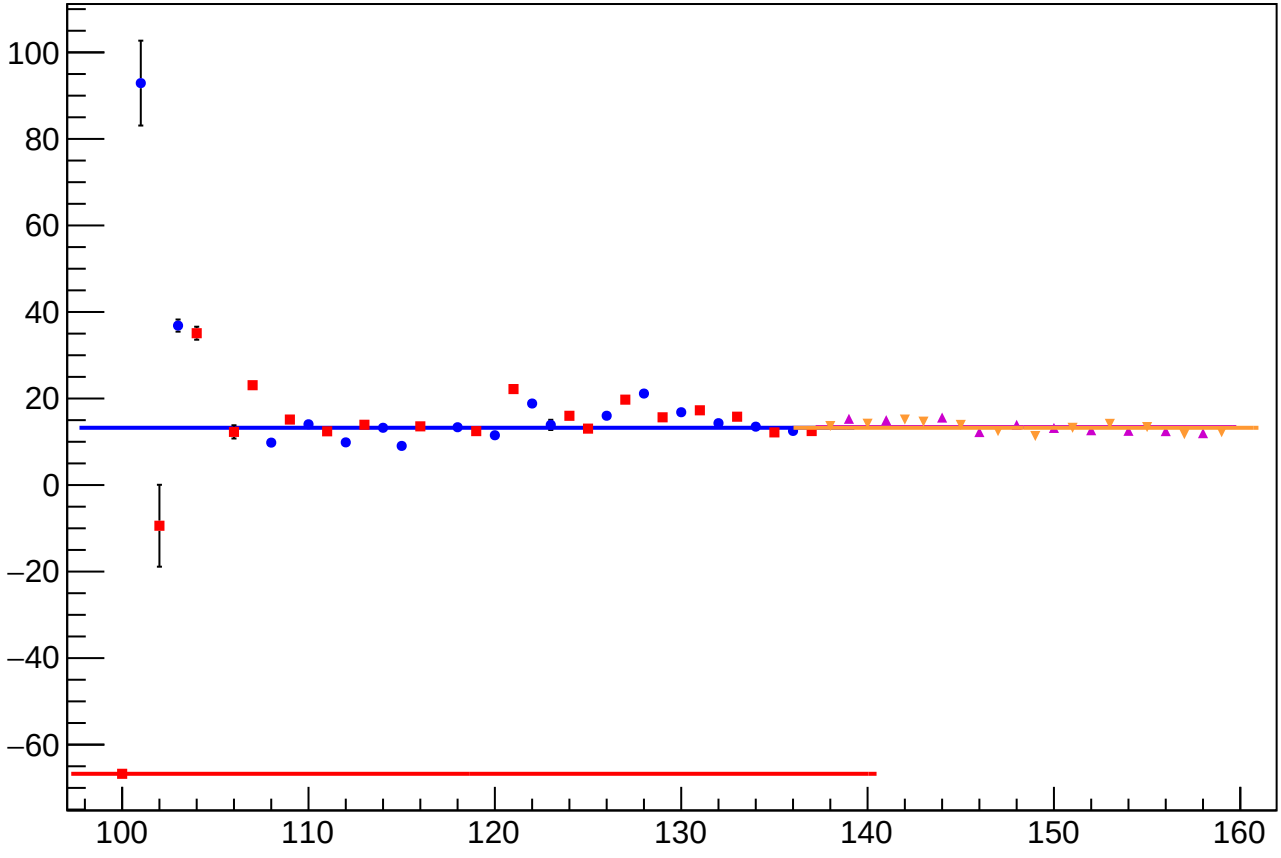
Left In: -21.444+/-0.021 χ^2/NDF:179951.5/9

+ sign -23.407+/-0.015 χ^2/NDF: 401586.9/28

All: -22.746+/-0.012 χ^2/NDF: 997322.0/57

- sign -21.747+/-0.019 χ^2/NDF: 590962.2/28

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.234+/-0.017 χ^2/NDF:3654.4/11

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

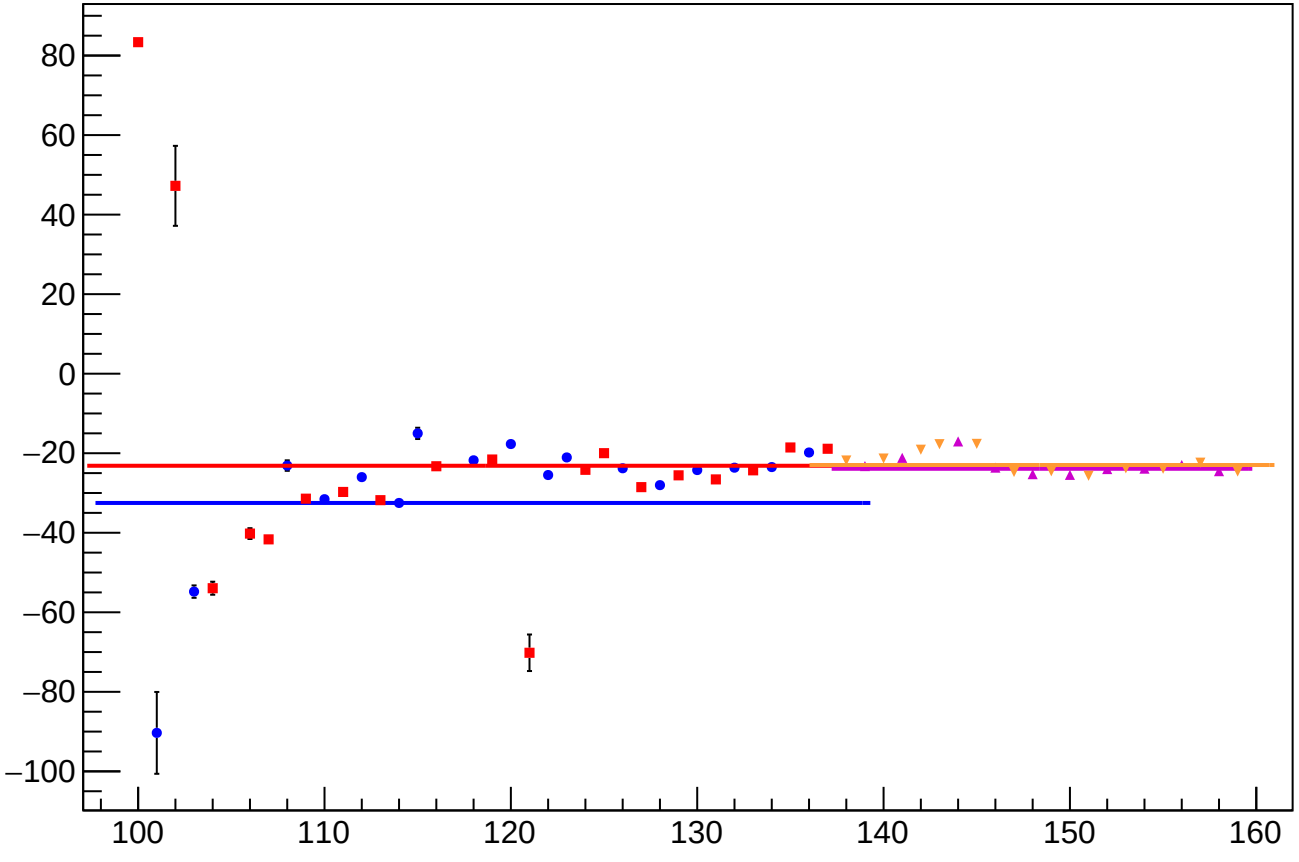
Left In: 13.416+/-0.019 χ^2/NDF:4320.6/9

+ sign 13.238+/-0.000 χ^2/NDF: 9410.6/28

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 20134220.7/28

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -22.965+/-0.023 χ^2/NDF:11399.7/11

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

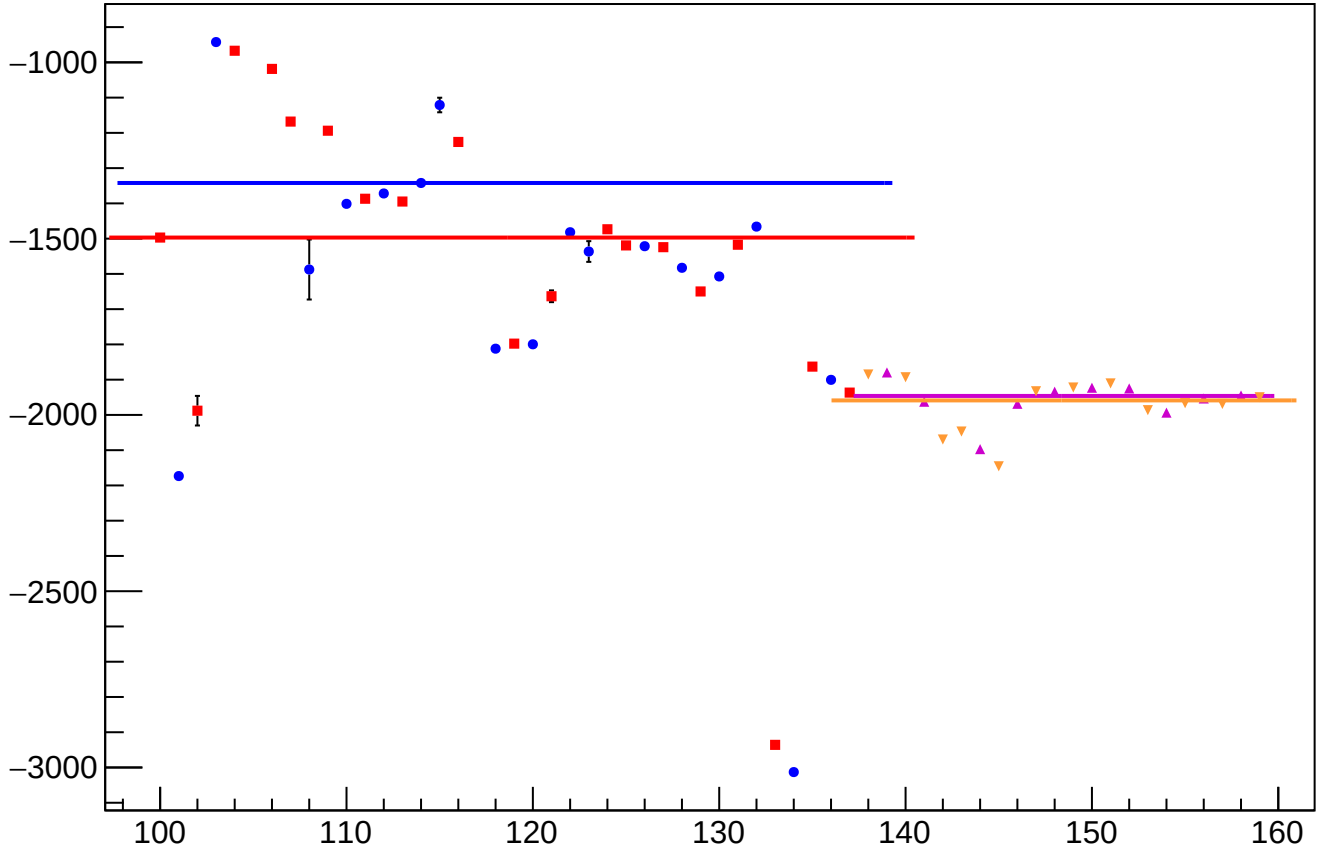
Left In: -23.913+/-0.021 χ^2/NDF:5956.5/9

+ sign -32.504+/-0.000 χ^2/NDF: 254602.7/28

All: -32.504+/-0.000 χ^2/NDF: 554971.2/57

- sign -23.788+/-0.019 χ^2/NDF: 96919.8/28

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1958.833+/-0.452 χ^2/NDF:14207.3/11

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

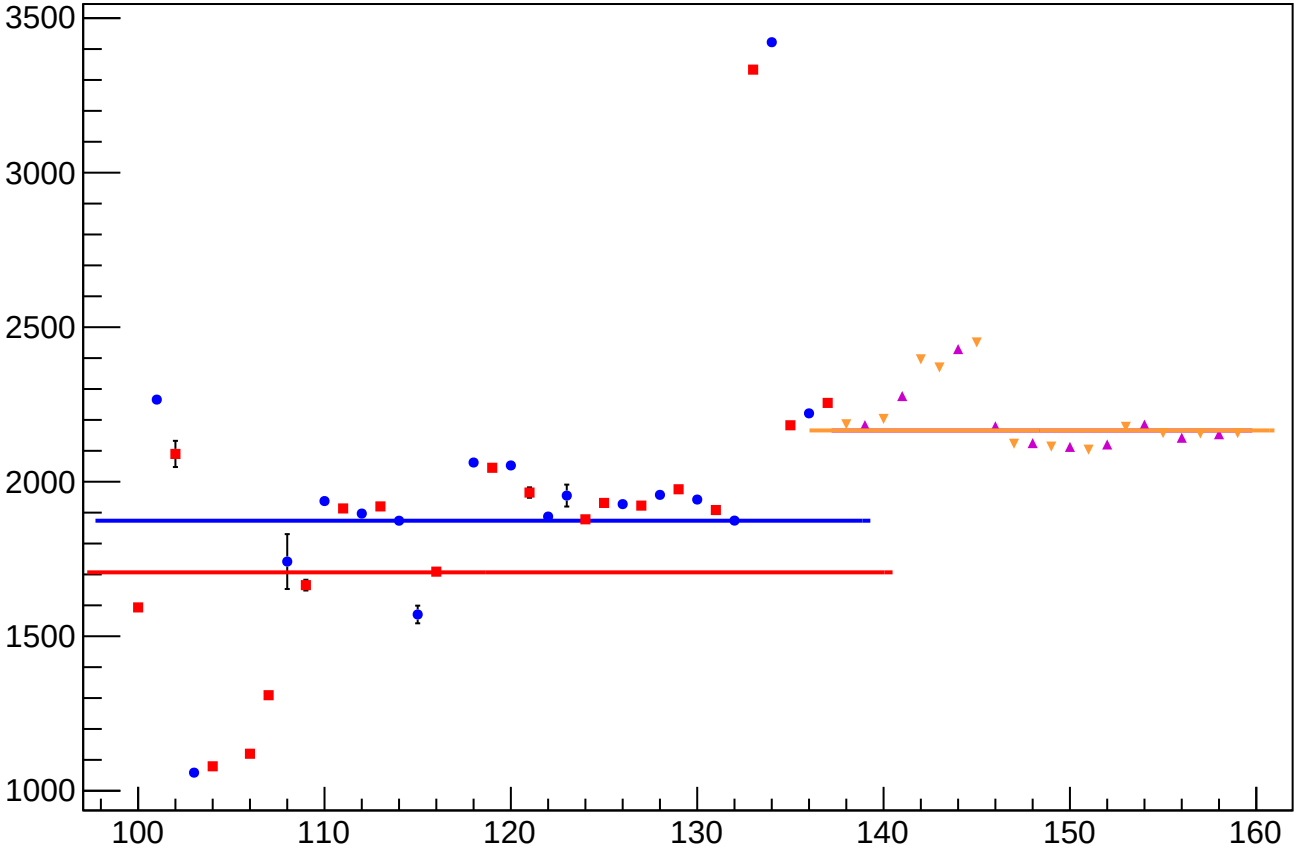
Left In: -1946.152+/-0.382 χ^2/NDF:15641.0/9

+ sign -1342.107+/-0.000 χ^2/NDF: 2250644.7/28

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 1900100.2/28

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2165.944+/-0.455 χ^2/NDF:27231.4/11

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

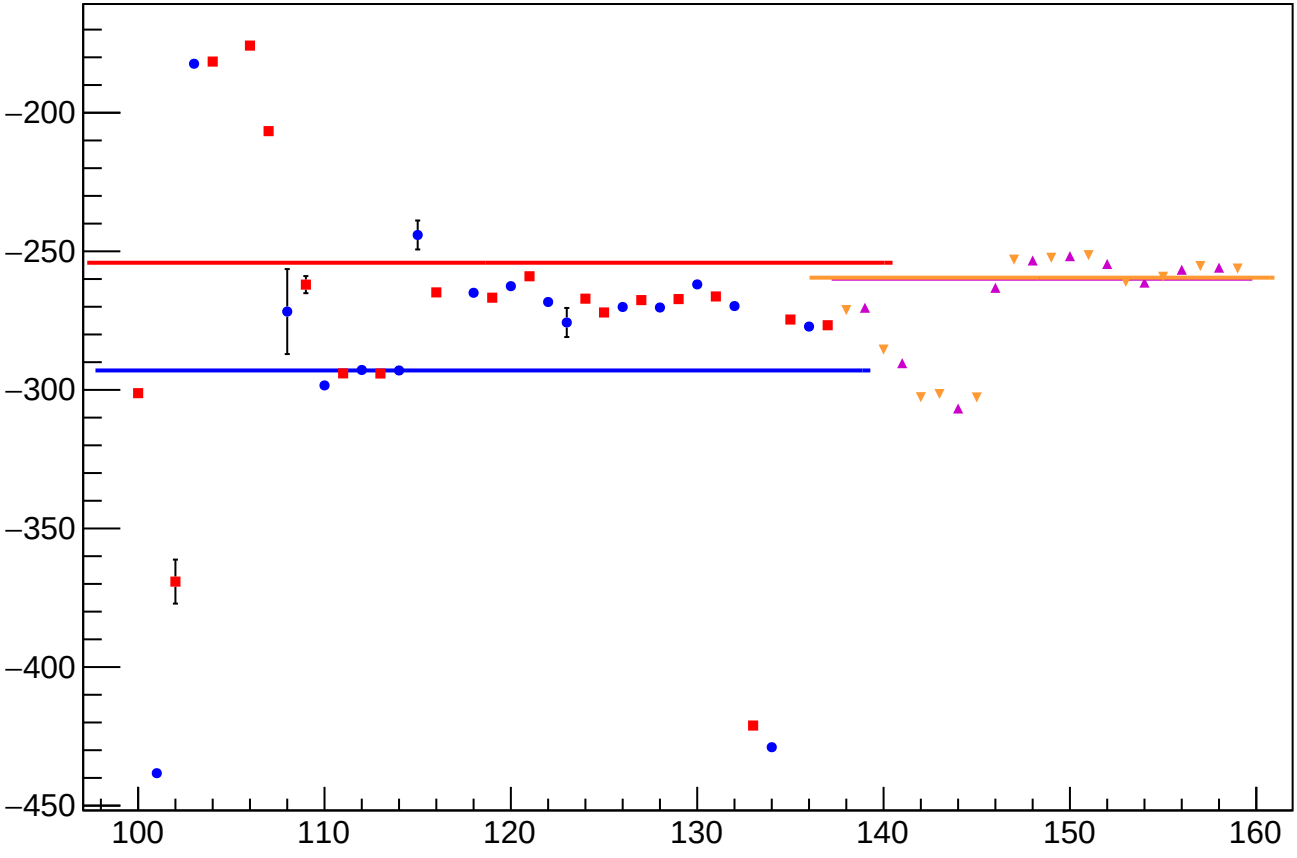
Left In: 2165.737+/-0.383 χ^2/NDF:35801.6/9

+ sign 1873.852+/-0.000 χ^2/NDF: 641091.1/28

All: 1873.852+/-0.000 χ^2/NDF: 2401391.7/57

- sign 1883.059+/-0.237 χ^2/NDF: 1758795.2/28

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -259.506+/-0.025 χ^2/NDF:192891.0/11

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

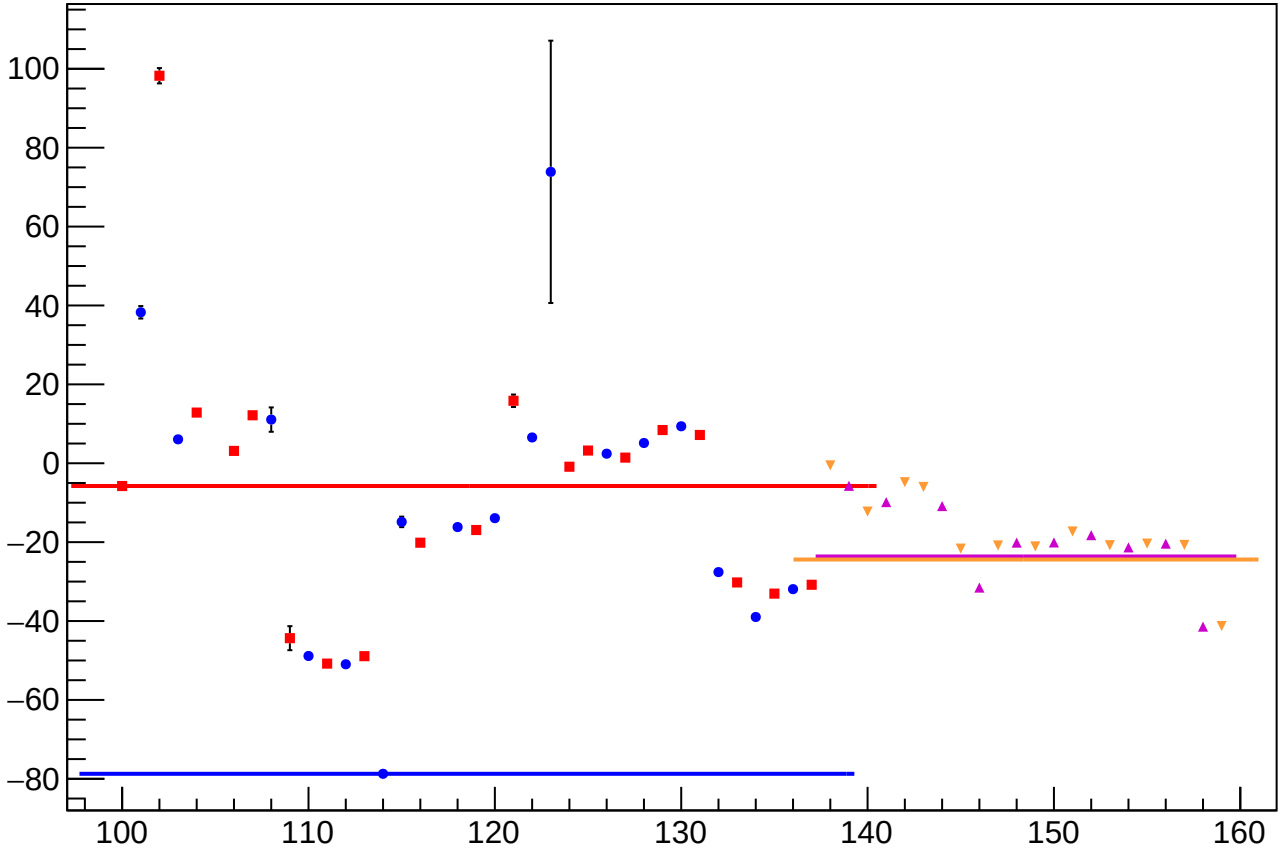
Left In: -259.881+/-0.022 χ^2/NDF:238863.5/9

+ sign -292.986+/-0.000 χ^2/NDF: 2944257.4/28

All: -292.986+/-0.000 χ^2/NDF: 6439464.0/57

- sign -259.193+/-0.020 χ^2/NDF: 749922.1/28

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -24.405+/-0.026 χ^2/NDF:159201.8/11

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

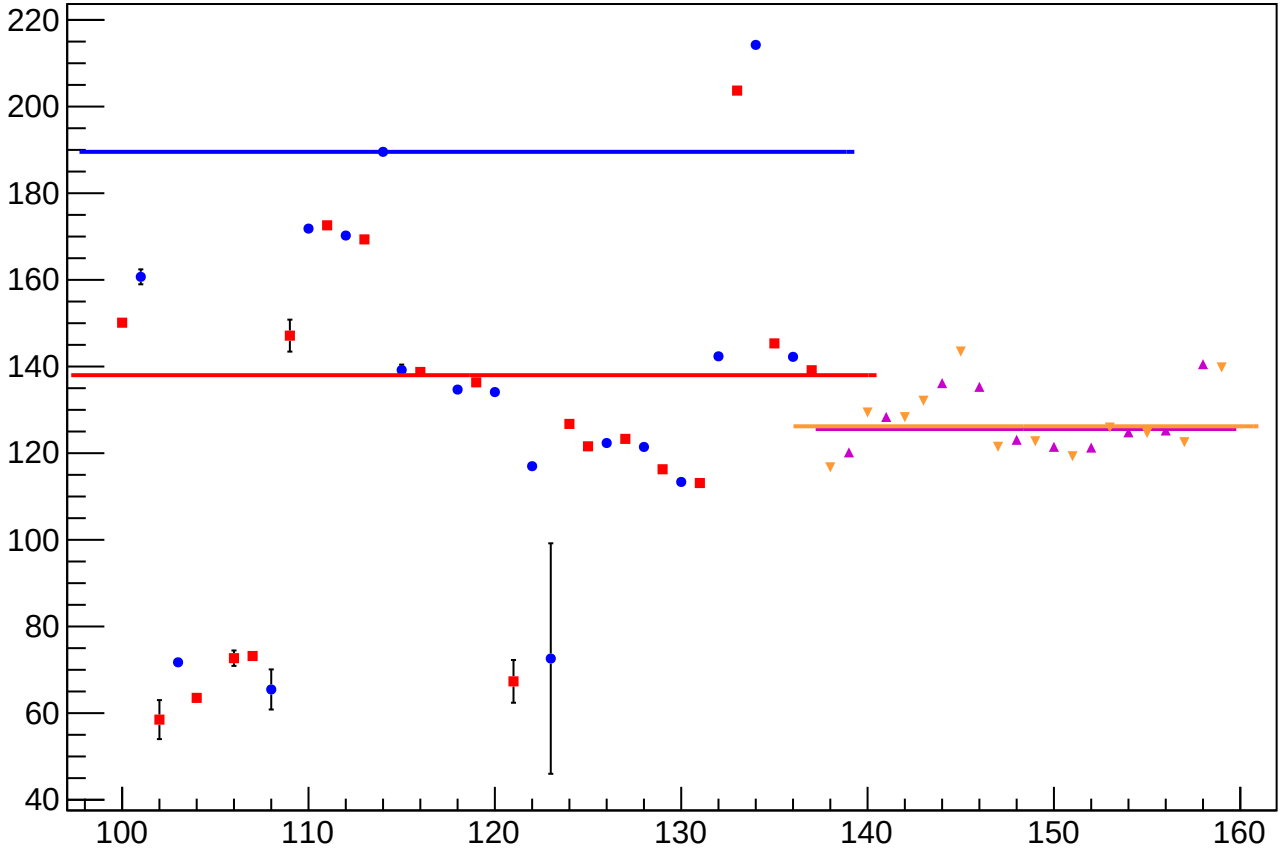
Left In: -23.635+/-0.022 χ^2/NDF:215291.2/9

+ sign -78.728+/-0.000 χ^2/NDF: 5835781.3/28

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 977140.7/28

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 126.206+/-0.030 χ^2/NDF:46970.5/11

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

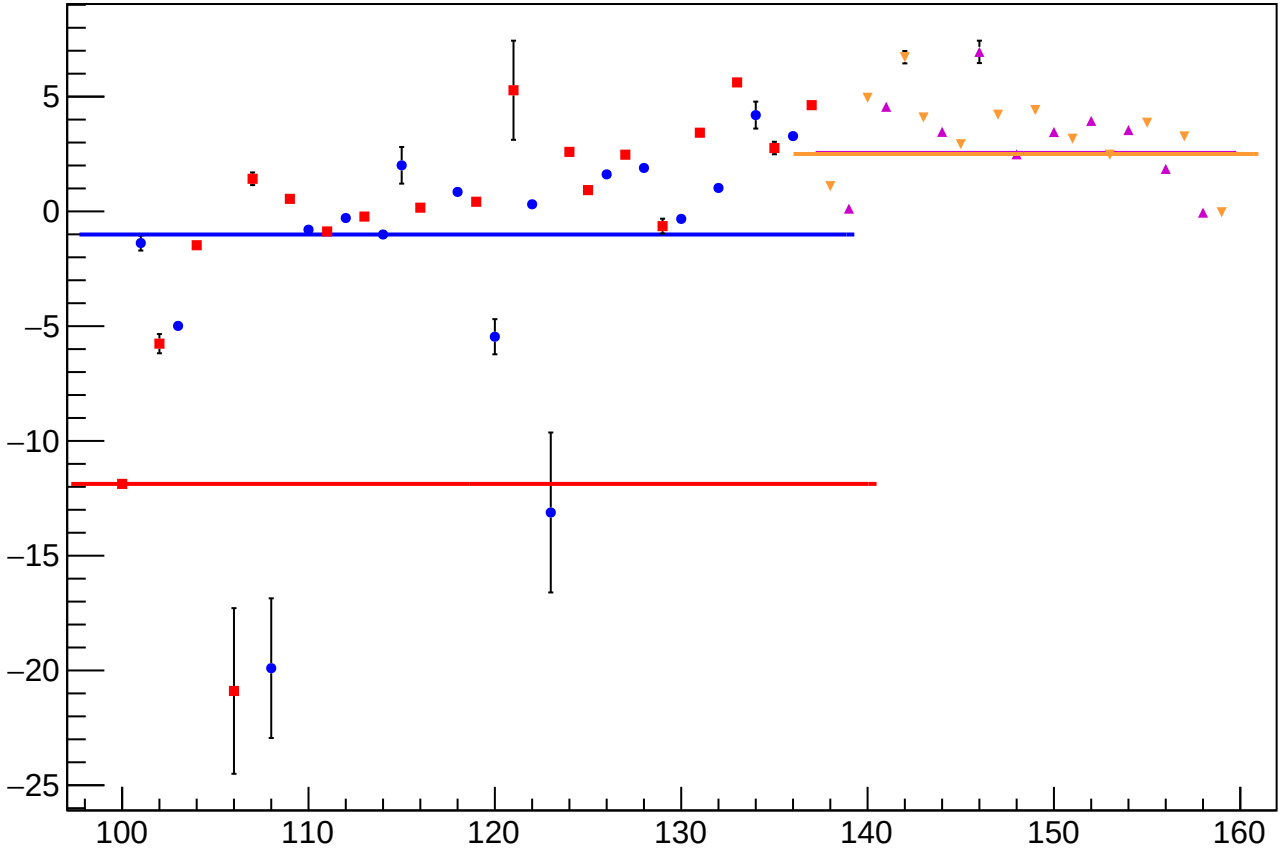
Left In: 125.575+/-0.033 χ^2/NDF:32119.5/9

+ sign 189.551+/-0.000 χ^2/NDF: 5341521.2/28

All: 189.551+/-0.000 χ^2/NDF: 9942602.6/57

- sign 128.573+/-0.029 χ^2/NDF: 183064.7/28

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.500+/-0.028 χ^2/NDF:4720.6/11

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

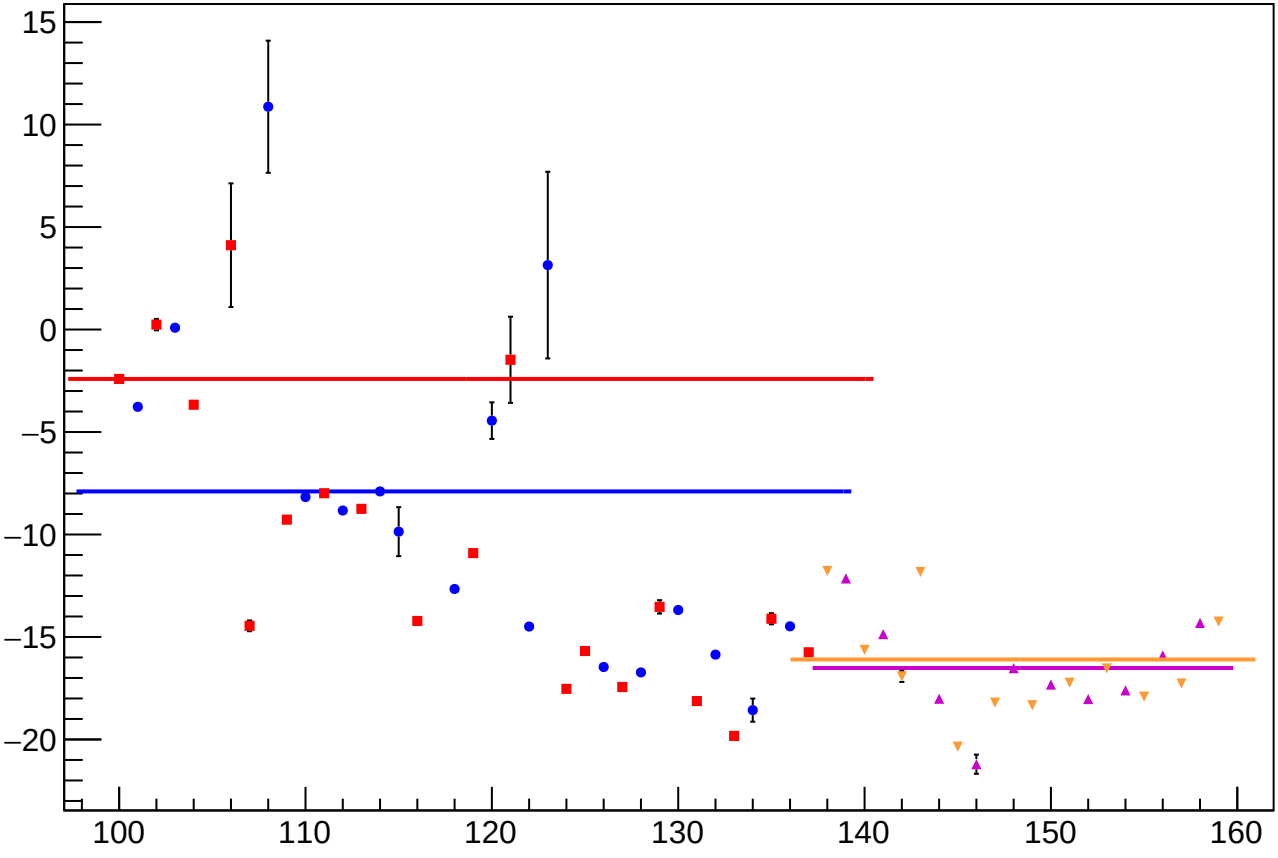
Left In: 2.548+/-0.021 χ^2/NDF:5839.0/9

+ sign -1.007+/-0.000 χ^2/NDF: 27610.8/28

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 1001812.1/28

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.098+/-0.028 χ^2/NDF:5971.7/11

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

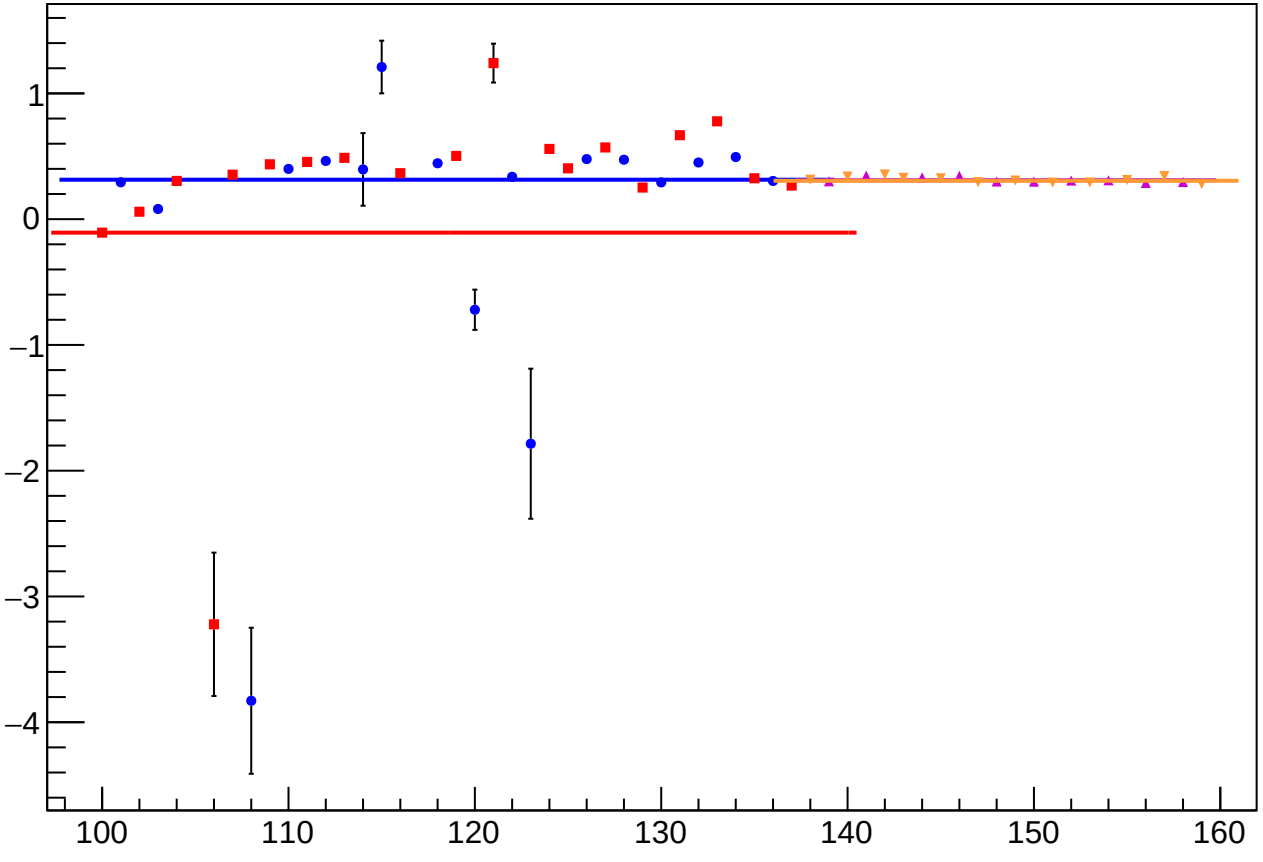
Left In: -16.513+/-0.022 χ^2/NDF:4864.5/9

+ sign -7.899+/-0.000 χ^2/NDF: 133670.8/28

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 626520.0/28

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.305+/-0.000 χ^2/NDF:3025.9/11

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

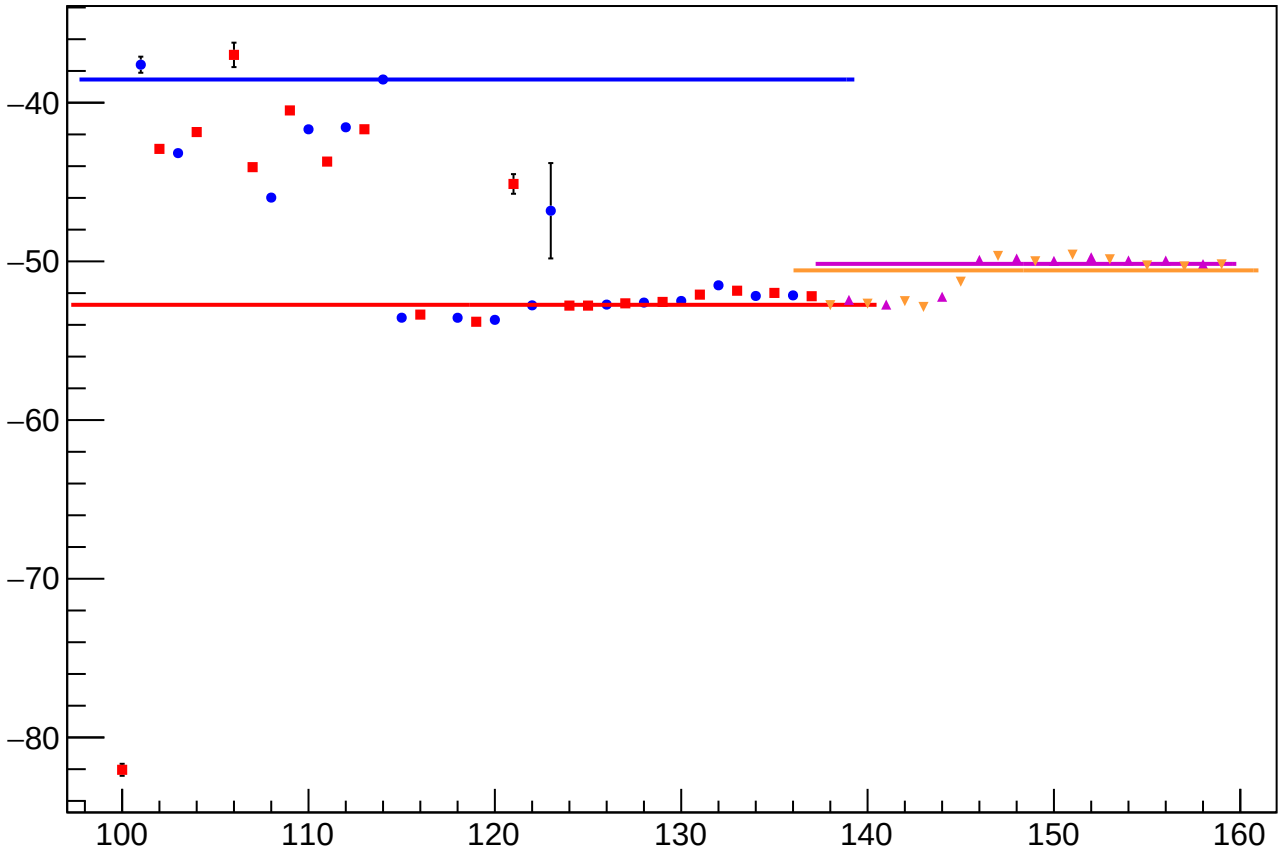
Left In: 0.310+/-0.000 χ^2/NDF:1995.6/9

+ sign 0.306+/-0.000 χ^2/NDF: 5837.2/28

All: -0.107+/-0.000 χ^2/NDF: 3251304.9/57

- sign -0.107+/-0.000 χ^2/NDF: 1773321.6/28

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.568+/-0.002 χ^2/NDF:223601.0/11

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

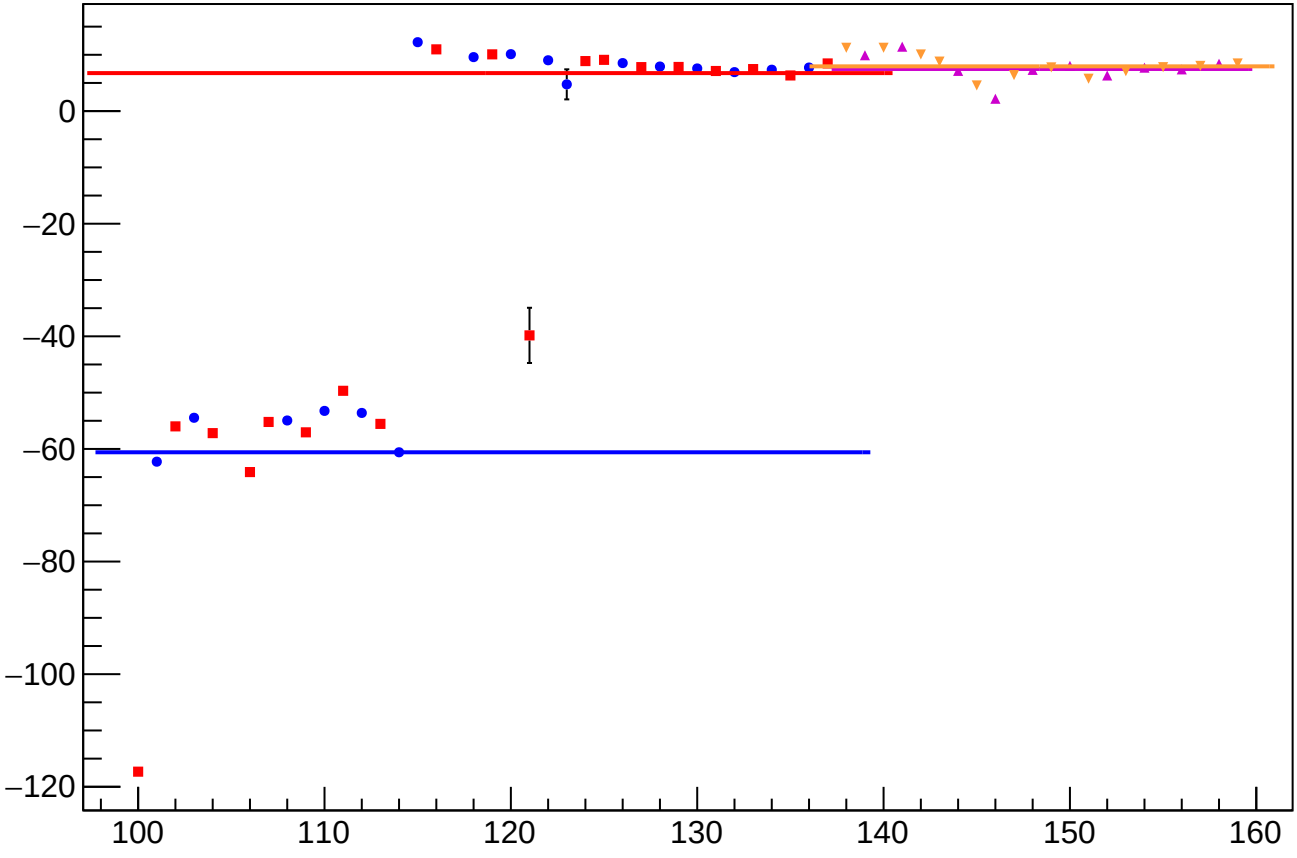
Left In: -50.157+/-0.002 χ^2/NDF:153636.3/9

+ sign -38.539+/-0.000 χ^2/NDF: 39945195.7/28

All: -38.539+/-0.000 χ^2/NDF: 141202889.7/5

- sign -51.357+/-0.001 χ^2/NDF: 1248921.6/28

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 7.947+/-0.005 χ^2/NDF:74042.2/11

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

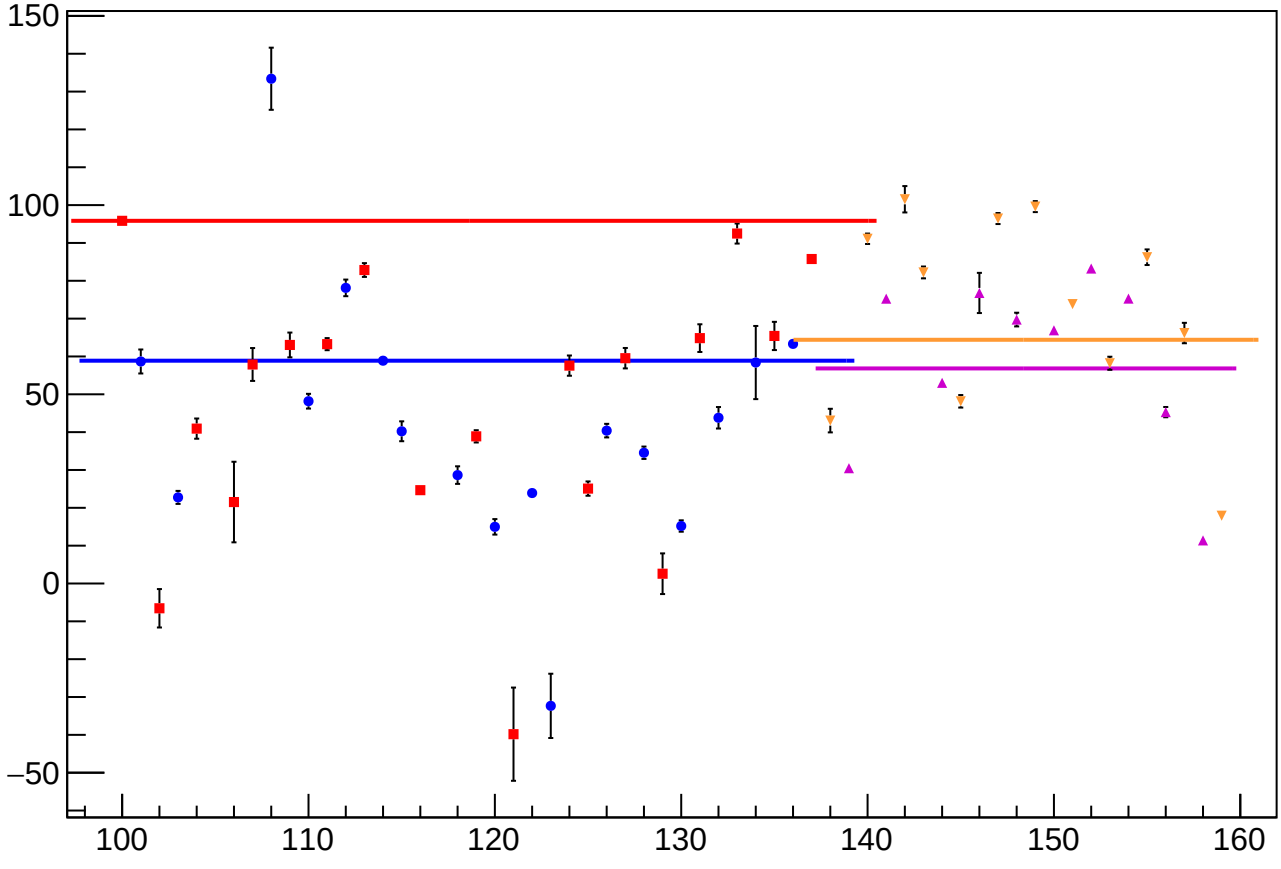
Left In: 7.482+/-0.004 χ^2/NDF:111772.1/9

+ sign -60.594+/-0.000 χ^2/NDF: 238985690.0/28

All: -60.594+/-0.000 χ^2/NDF: 594482742.4/5

- sign 7.403+/-0.004 χ^2/NDF: 1382332.4/28

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 64.408+/-0.447 χ^2/NDF:4683.4/11

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

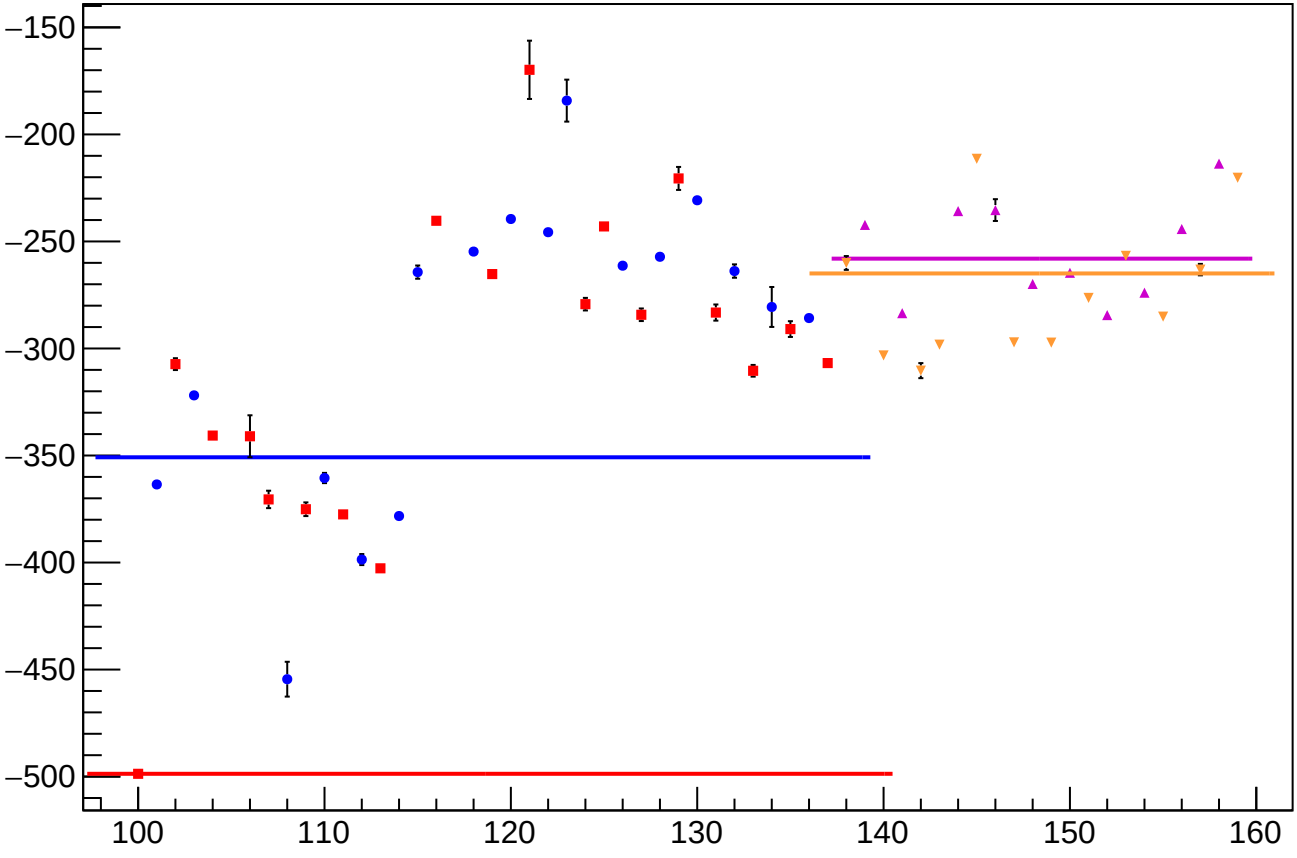
Left In: 56.835+/-0.339 χ^2/NDF:4439.7/9

+ sign 58.880+/-0.000 χ^2/NDF: 8651.3/28

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 57070.0/28

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -264.952+/-0.439 χ^2/NDF:6300.2/11

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

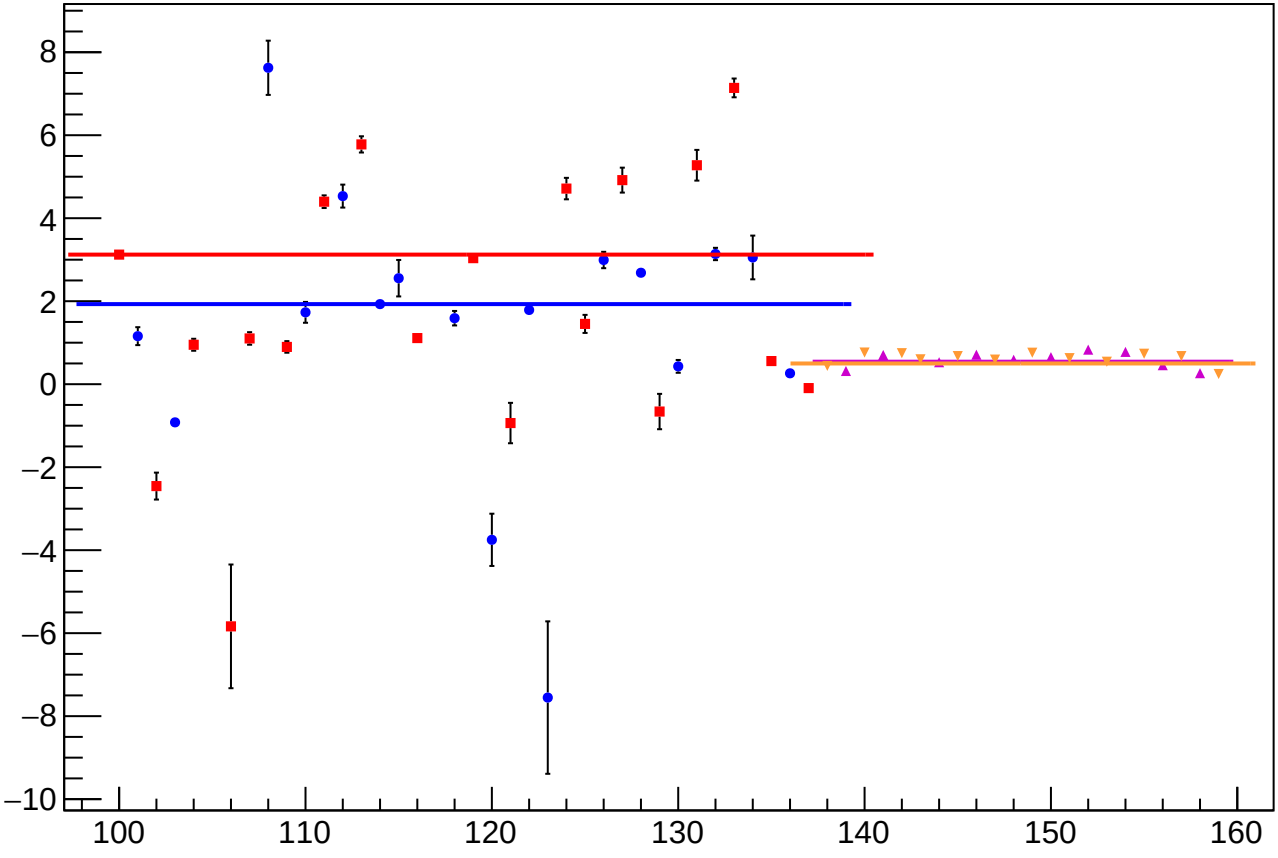
Left In: -258.035+/-0.345 χ^2/NDF:4038.1/9

+ sign -330.523+/-0.214 χ^2/NDF: 76770.7/28

All: -498.692+/-0.000 χ^2/NDF: 1700032.0/57

- sign -498.692+/-0.000 χ^2/NDF: 1003823.4/28

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.499+/-0.003 χ^2/NDF:7214.0/11

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

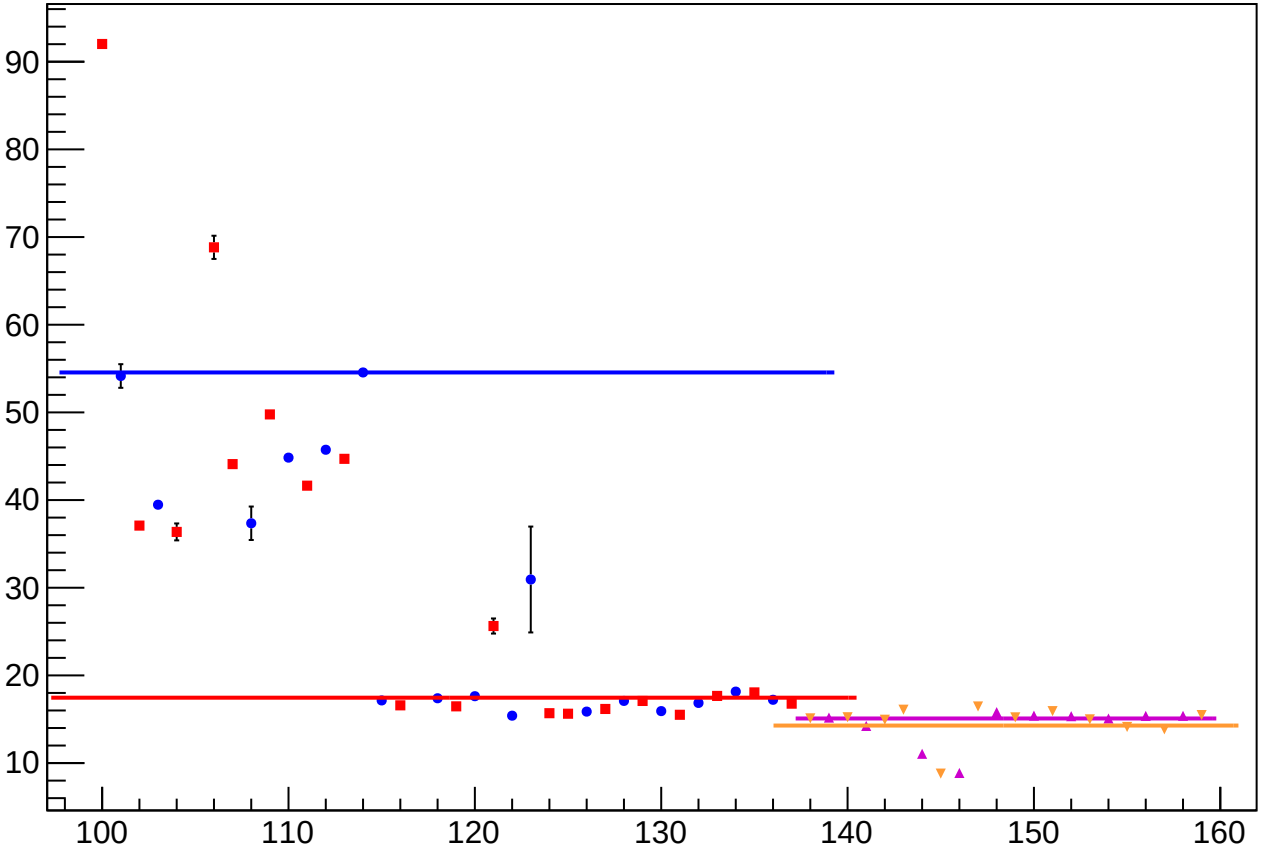
Left In: 0.542+/-0.002 χ^2/NDF:10903.4/9

+ sign 1.930+/-0.000 χ^2/NDF: 389445.9/28

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 1939436.3/28

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 14.280+/-0.009 χ^2/NDF:80827.8/11

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

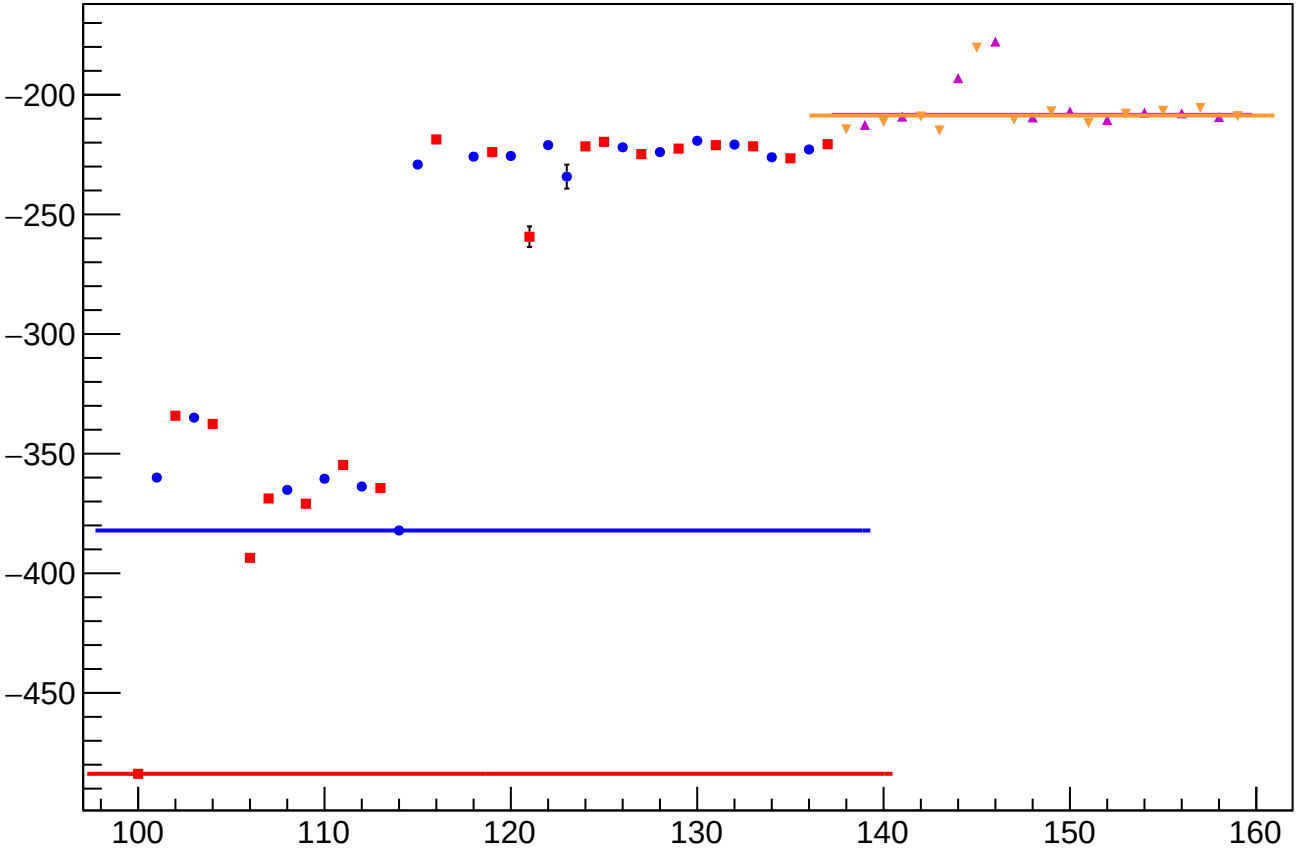
Left In: 15.087+/-0.009 χ^2/NDF:7922.1/9

+ sign 54.556+/-0.000 χ^2/NDF: 27047886.2/28

All: 54.556+/-0.000 χ^2/NDF: 48762265.3/57

- sign 15.586+/-0.008 χ^2/NDF: 120508.6/28

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.677+/-0.020 χ^2/NDF:59933.5/11

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

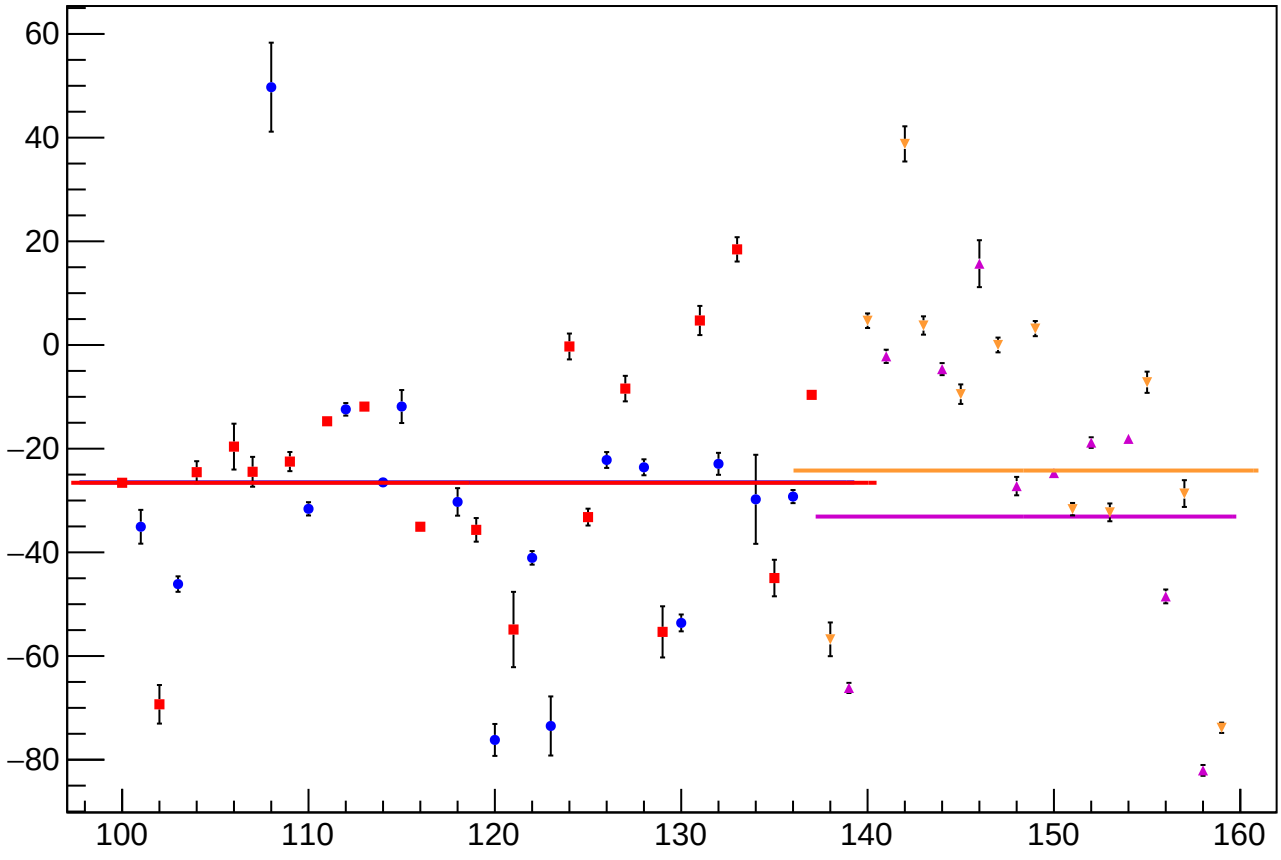
Left In: -208.387+/-0.019 χ^2/NDF:13970.4/9

+ sign -382.108+/-0.000 χ^2/NDF: 93419891.7/28

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 234933790.6/28

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -24.217+/-0.462 χ^2/NDF:4449.0/11

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

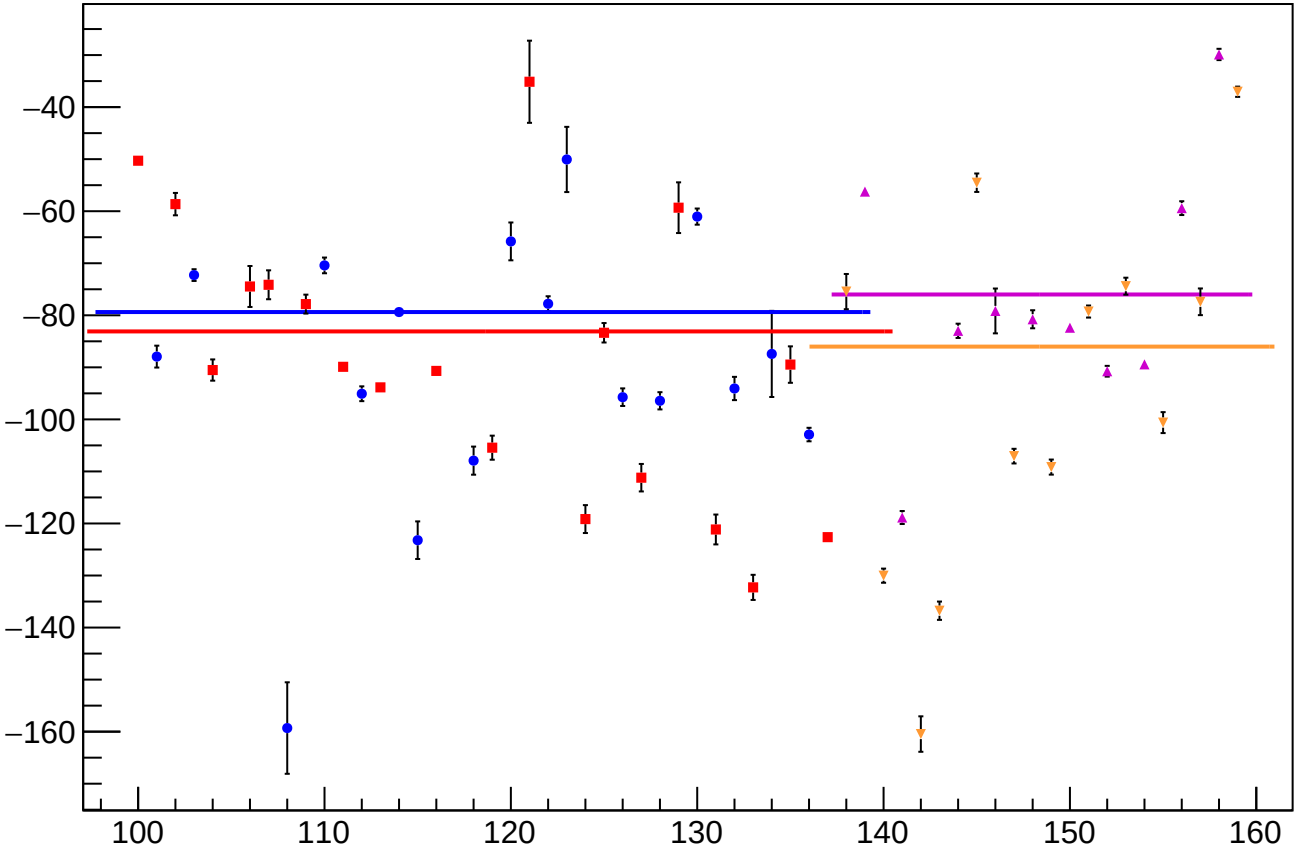
Left In: -33.096+/-0.354 χ^2/NDF:5346.9/9

+ sign -26.504+/-0.000 χ^2/NDF: 5654.1/28

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 8326.7/28

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -86.017+/-0.453 χ^2/NDF:5772.0/11

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

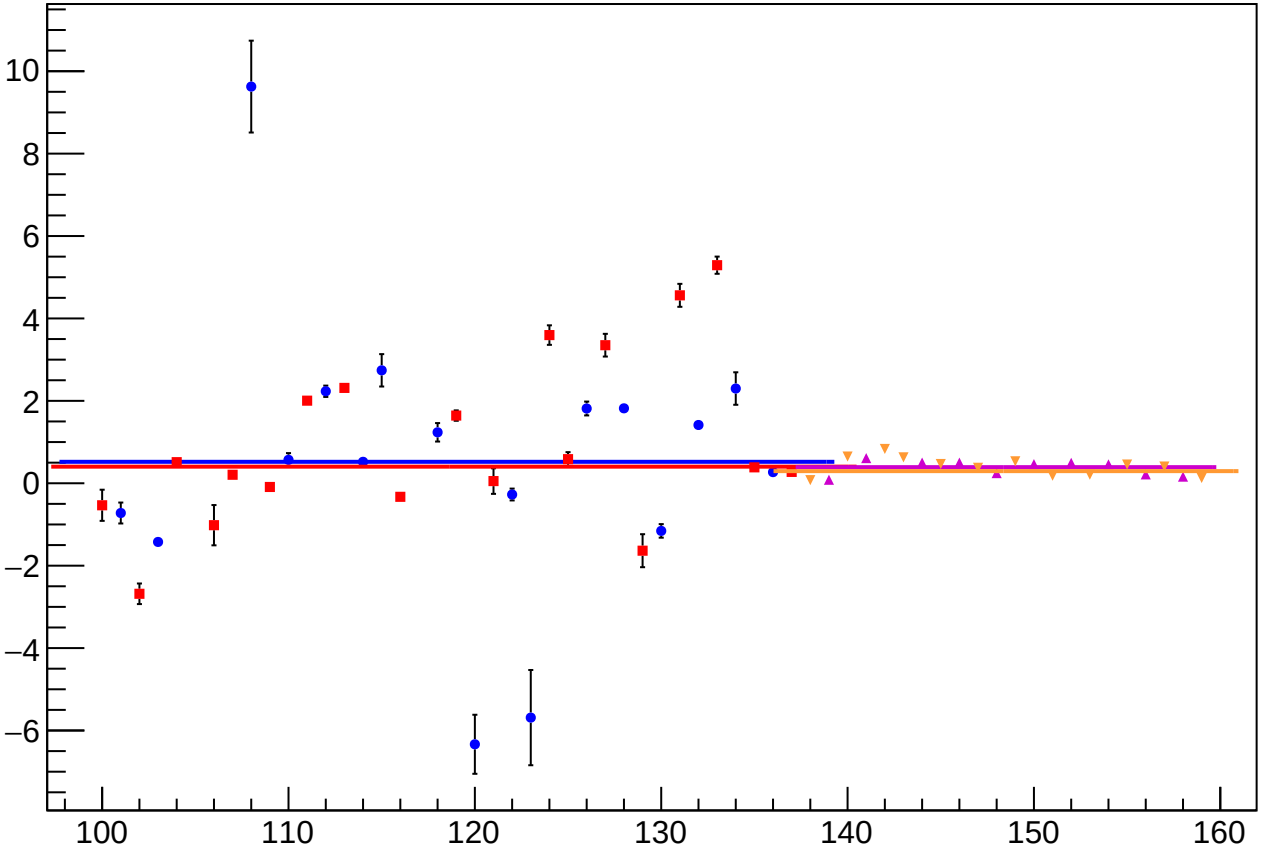
Left In: -76.002+/-0.351 χ^2/NDF:4141.8/9

+ sign -79.376+/-0.000 χ^2/NDF: 7291.9/28

All: -79.376+/-0.000 χ^2/NDF: 23878.4/57

- sign -81.646+/-0.159 χ^2/NDF: 16382.5/28

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.294+/-0.003 χ^2/NDF:5627.1/11

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

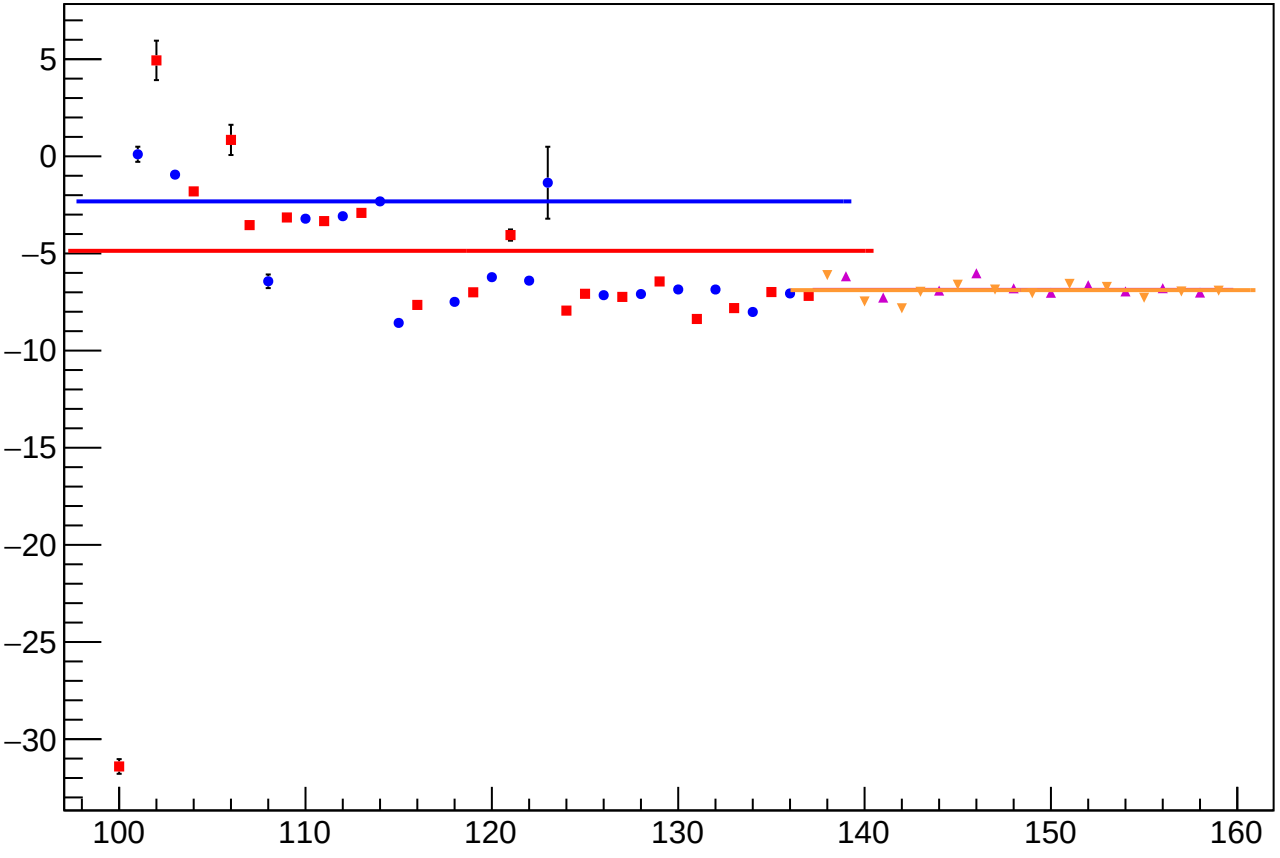
Left In: 0.391+/-0.002 χ^2/NDF:7379.2/9

+ sign 0.521+/-0.000 χ^2/NDF: 16247.5/28

All: 0.521+/-0.000 χ^2/NDF: 29923.7/57

- sign 0.392+/-0.002 χ^2/NDF: 10107.8/28

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.888+/-0.003 χ^2/NDF:2587.5/11

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

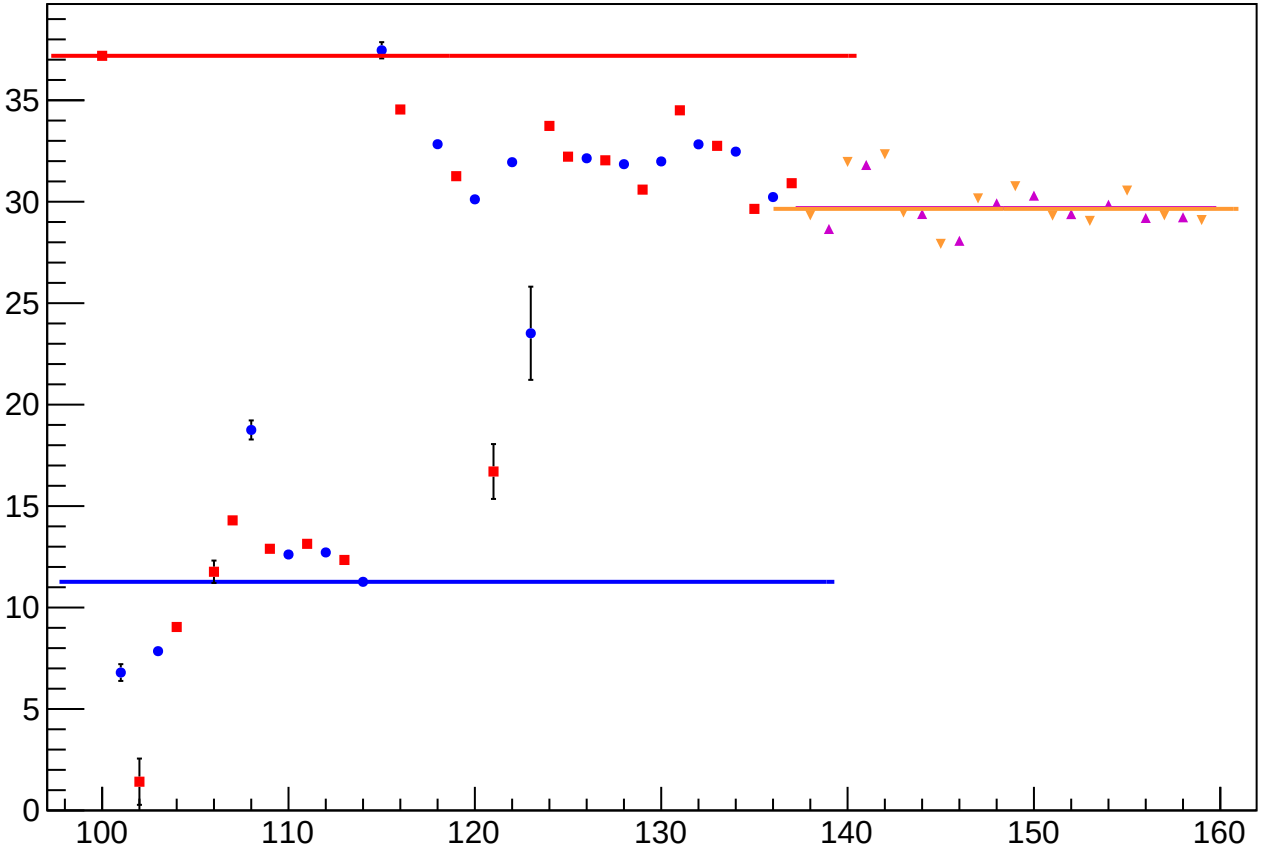
Left In: -6.874+/-0.004 χ^2/NDF:5086.4/9

+ sign -2.320+/-0.000 χ^2/NDF: 2222009.7/28

All: -2.320+/-0.000 χ^2/NDF: 3778201.4/57

- sign -6.634+/-0.004 χ^2/NDF: 87970.0/28

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.648+/-0.013 χ^2/NDF:5688.8/11

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

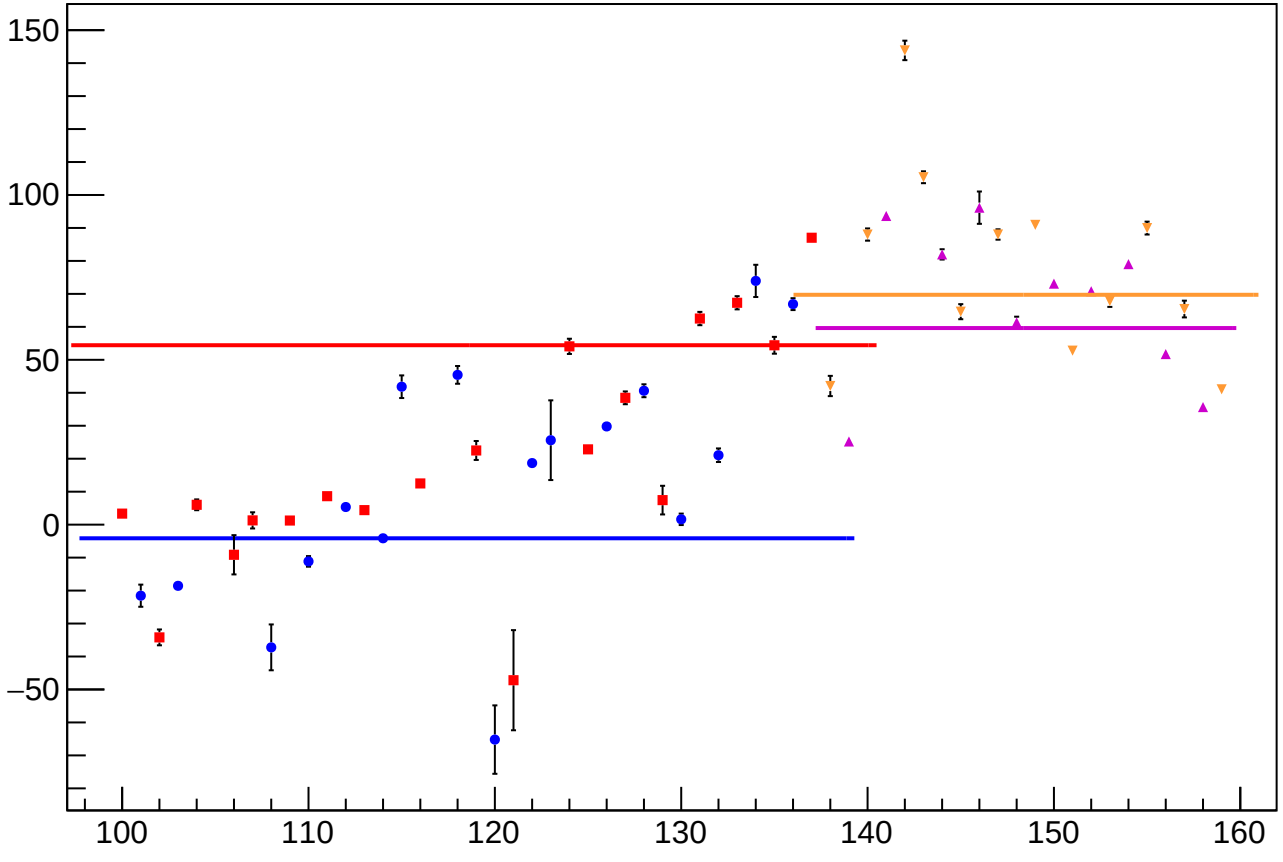
Left In: 29.689+/-0.012 χ^2/NDF:3031.7/9

+ sign 11.268+/-0.000 χ^2/NDF: 2923894.8/28

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1545947.0/28

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 69.726+/-0.475 χ^2/NDF:2736.6/11

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

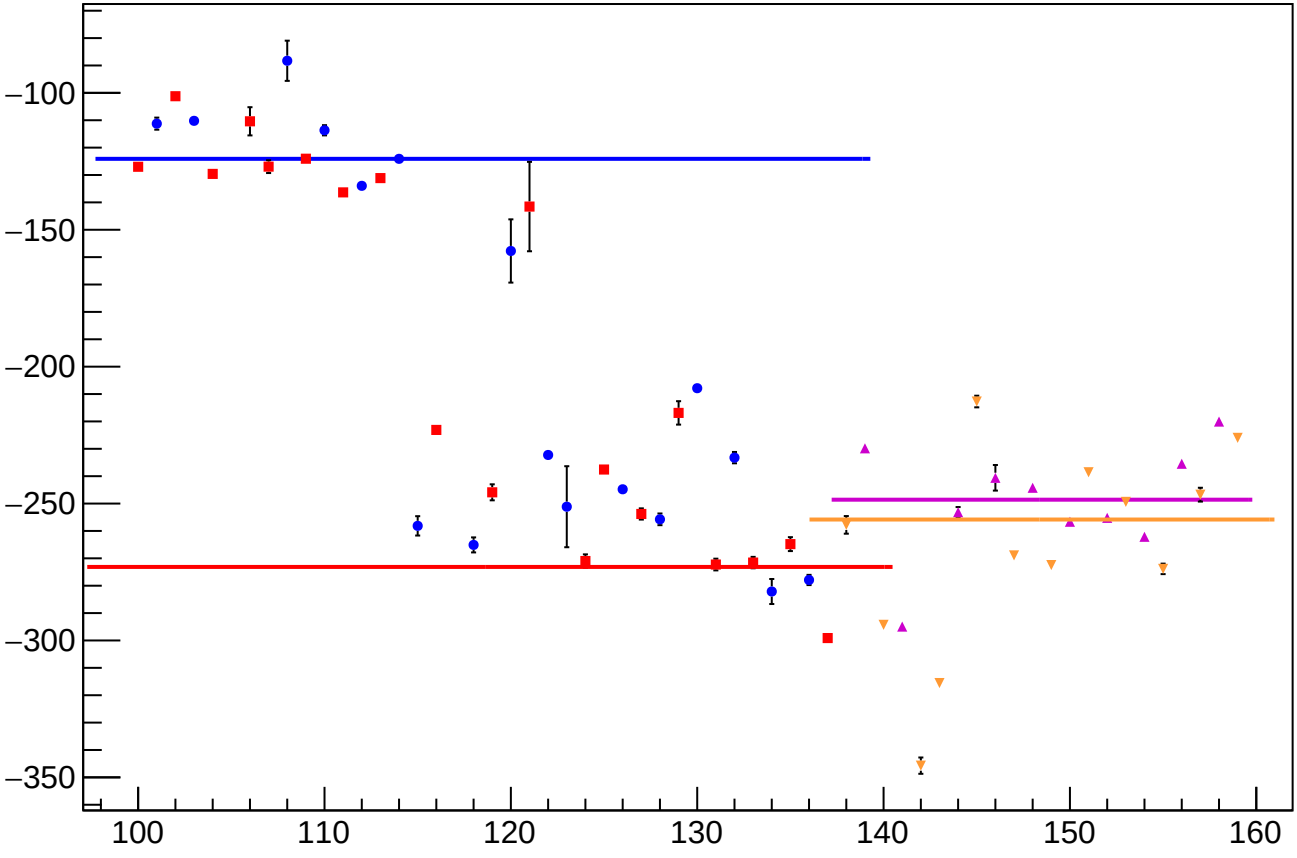
Left In: 59.635+/-0.356 χ^2/NDF:4389.4/9

+ sign -4.139+/-0.000 χ^2/NDF: 31546.3/28

All: -4.139+/-0.000 χ^2/NDF: 240346.2/57

- sign 55.395+/-0.154 χ^2/NDF: 58562.1/28

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -255.829+/-0.468 χ^2/NDF:4356.7/11

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

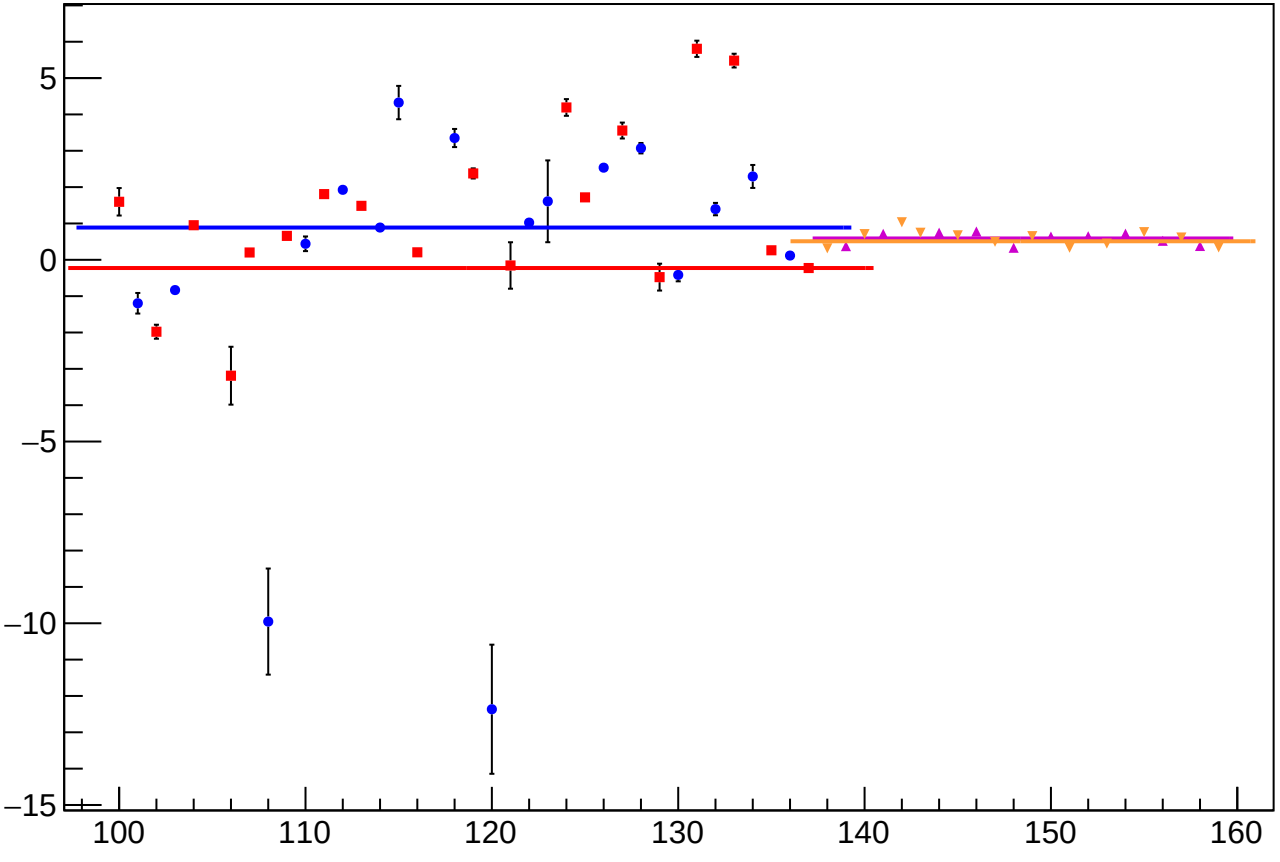
Left In: -248.584+/-0.348 χ^2/NDF:3105.7/9

+ sign -124.095+/-0.000 χ^2/NDF: 121709.4/28

All: -124.095+/-0.000 χ^2/NDF: 2281092.6/57

- sign -270.817+/-0.107 χ^2/NDF: 287745.1/28

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.510+/-0.003 χ^2/NDF:3283.2/11

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

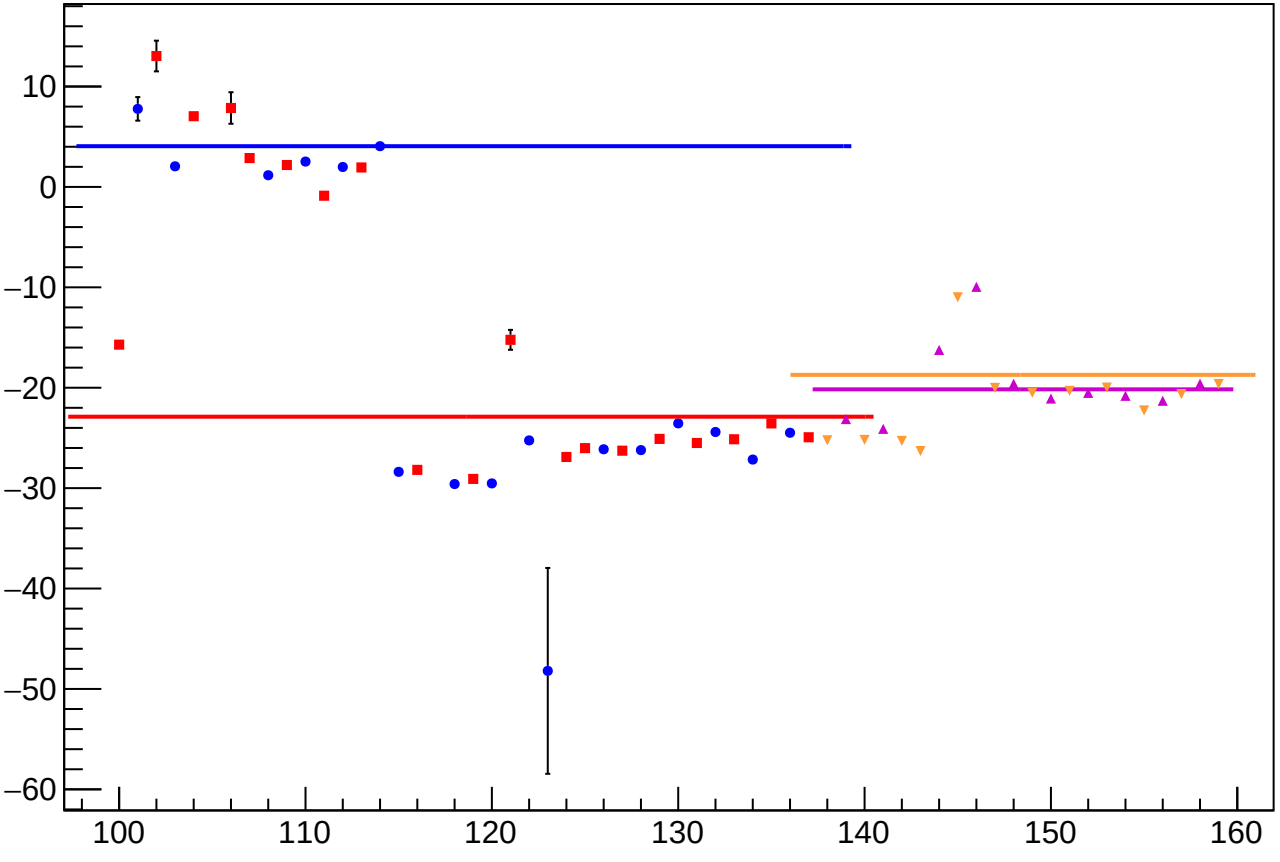
Left In: 0.587+/-0.003 χ^2/NDF:2609.9/9

+ sign 0.888+/-0.000 χ^2/NDF: 25723.5/28

All: 0.888+/-0.000 χ^2/NDF: 422250739.7/57

- sign -0.226+/-0.000 χ^2/NDF: 84878.5/28

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -18.717+/-0.016 χ^2/NDF:77347.9/11

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

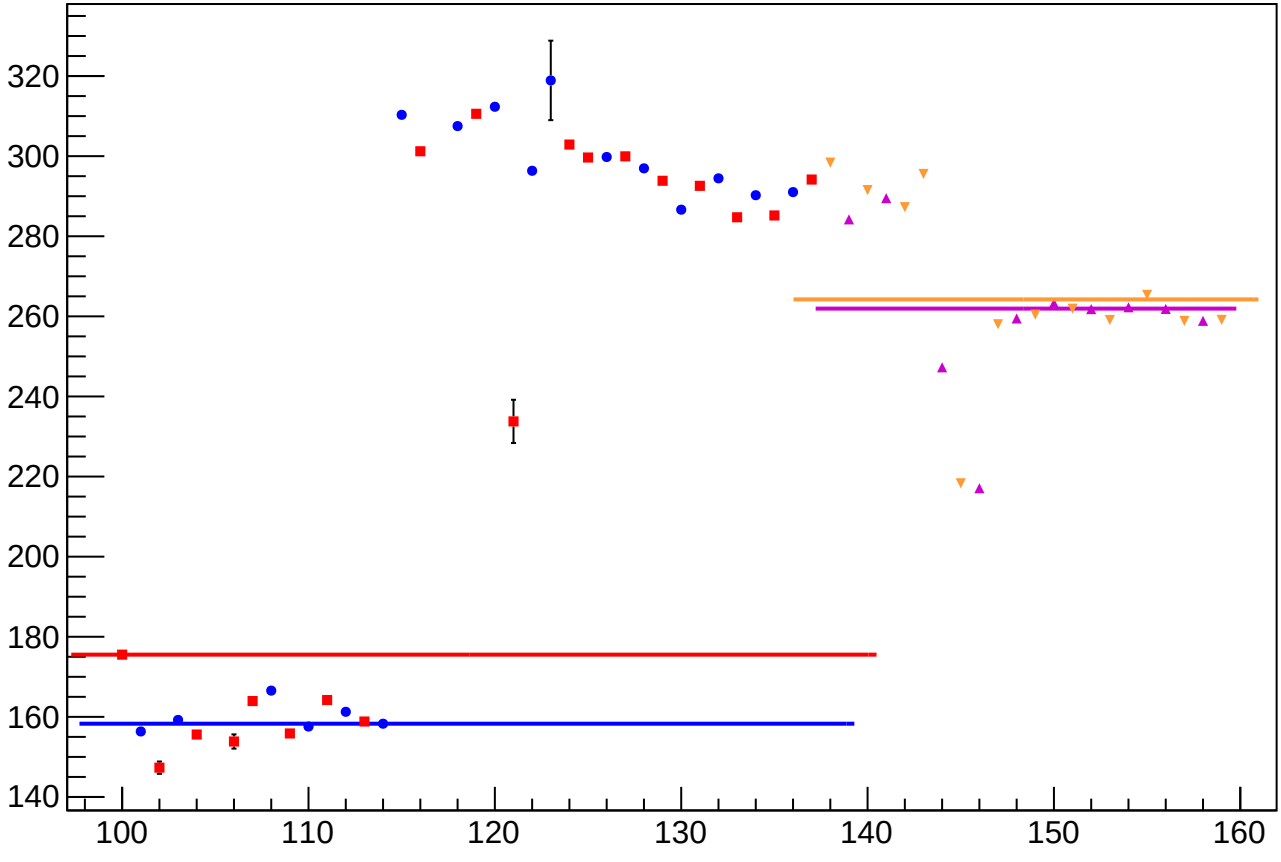
Left In: -20.161+/-0.015 χ^2/NDF:19224.4/9

+ sign 4.057+/-0.000 χ^2/NDF: 3443450.6/28

All: 4.057+/-0.000 χ^2/NDF: 7328299.1/57

- sign -20.811+/-0.013 χ^2/NDF: 143889.8/28

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 264.235+/-0.039 χ^2/NDF:186732.1/11

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

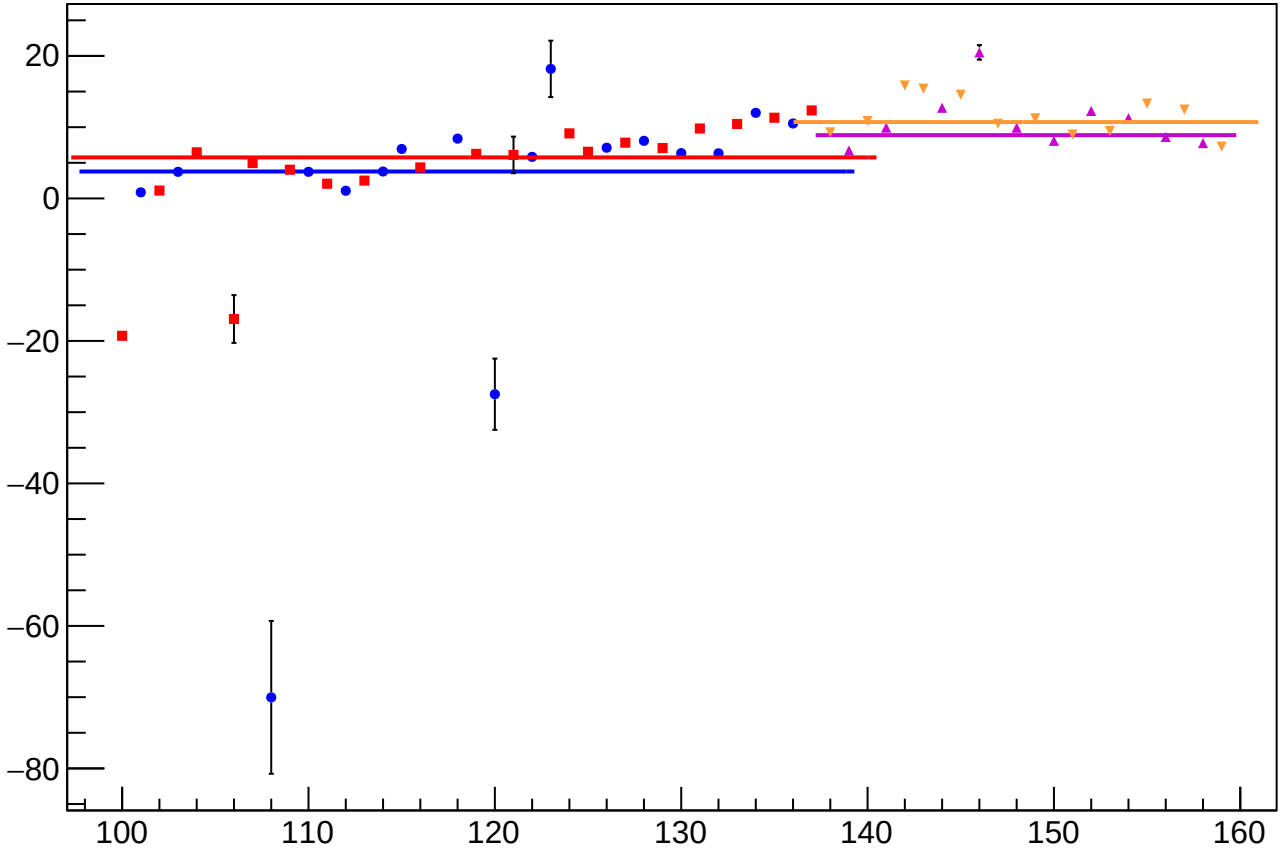
Left In: 261.934+/-0.037 χ^2/NDF:37611.4/9

+ sign 158.293+/-0.000 χ^2/NDF: 9821539.3/28

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 7559002.6/28

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 10.719+/-0.039 χ^2/NDF:2066.7/11

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

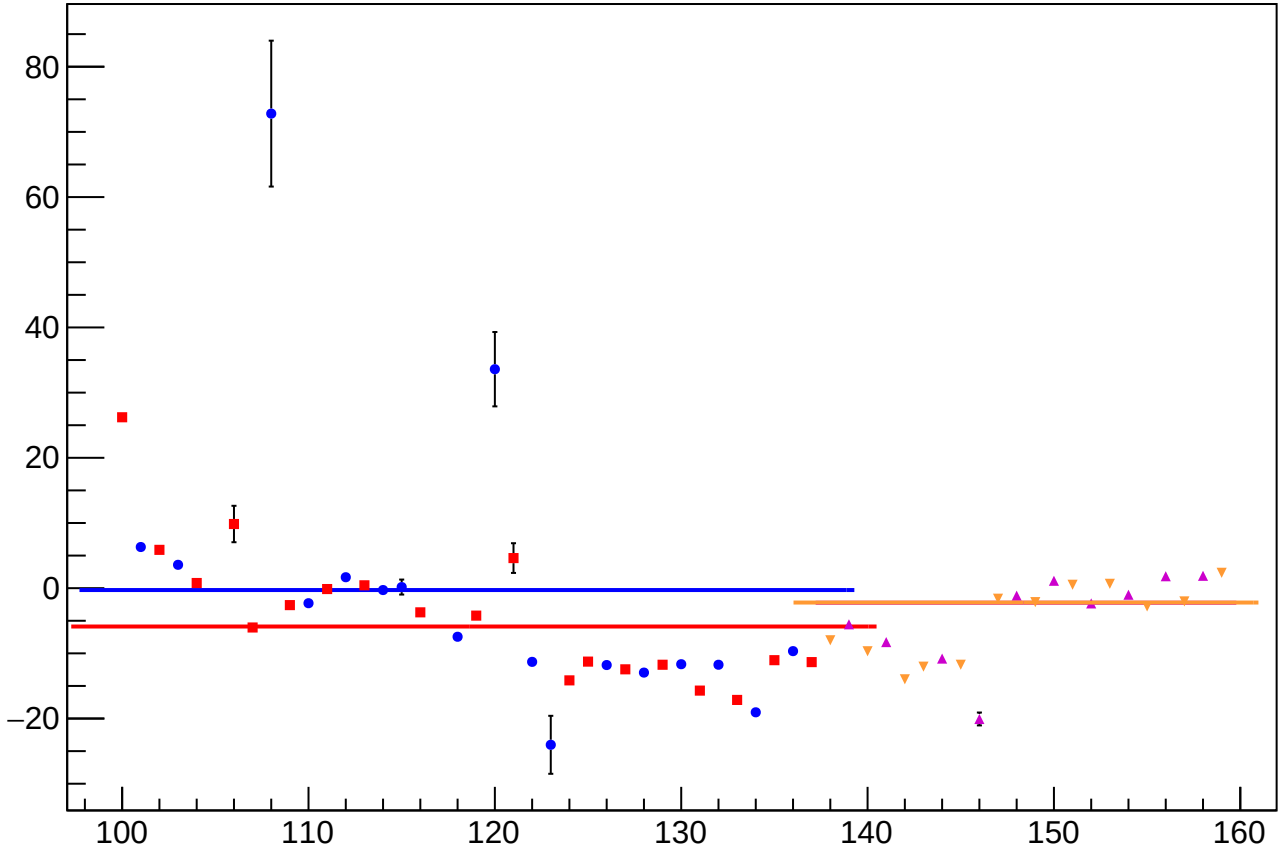
Left In: 8.884+/-0.038 χ^2/NDF:2282.1/9

+ sign 3.778+/-0.000 χ^2/NDF: 41139.1/28

All: 3.778+/-0.000 χ^2/NDF: 89302.5/57

- sign 6.727+/-0.021 χ^2/NDF: 29154.4/28

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -2.204+/-0.038 χ^2/NDF:8670.0/11

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

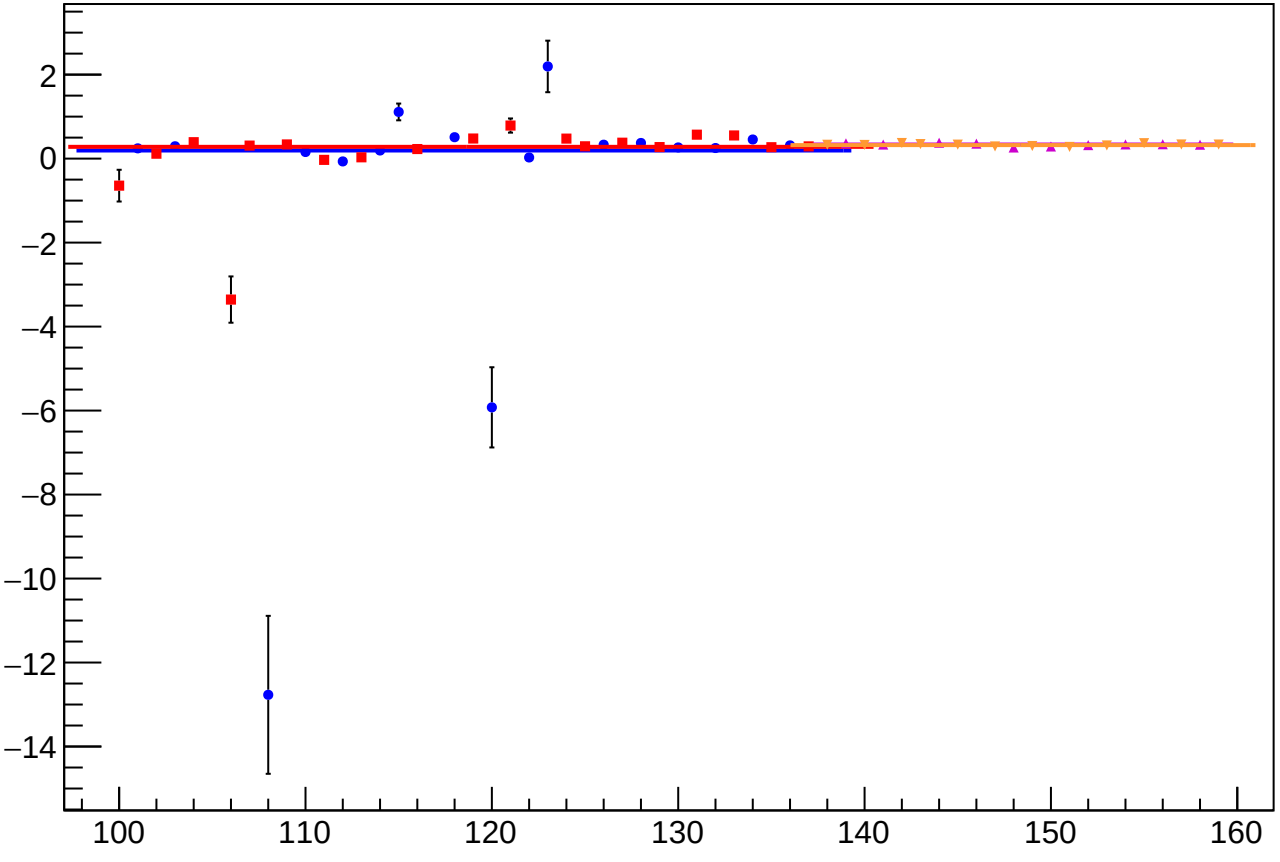
Left In: -2.240+/-0.039 χ^2/NDF:11327.5/9

+ sign -0.287+/-0.000 χ^2/NDF: 55459.7/28

All: -0.287+/-0.000 χ^2/NDF: 175093.9/57

- sign -4.685+/-0.022 χ^2/NDF: 80709.5/28

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.322+/-0.001 χ^2/NDF:1190.5/11

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

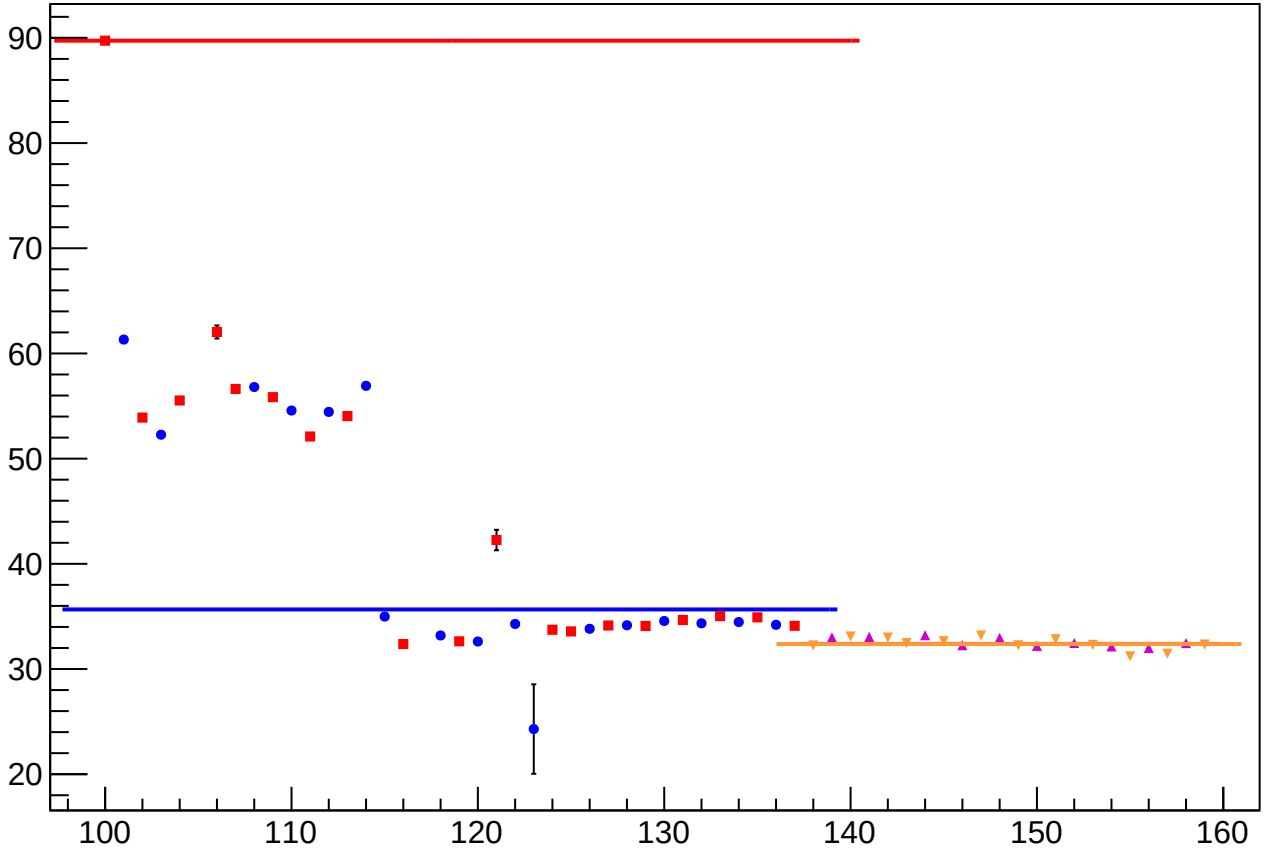
Left In: 0.336+/-0.001 χ^2/NDF:2133.4/9

+ sign 0.193+/-0.000 χ^2/NDF: 46601.9/28

All: 0.193+/-0.000 χ^2/NDF: 96146.6/57

- sign 0.325+/-0.001 χ^2/NDF: 9321.6/28

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.373+/-0.005 χ^2/NDF:2663.6/11

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

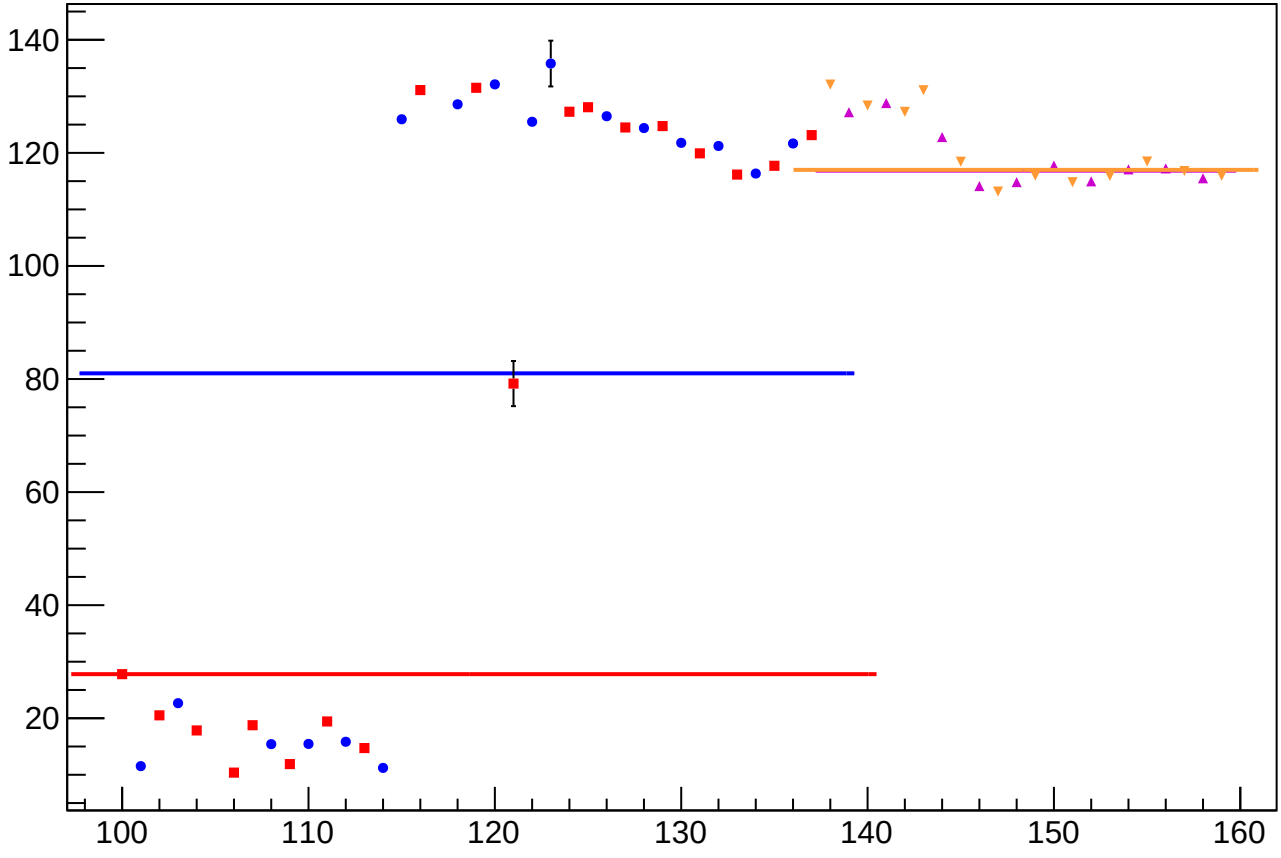
Left In: 32.387+/-0.005 χ^2/NDF:3828.1/9

+ sign 32.929+/-0.005 χ^2/NDF: 290994.0/28

All: 89.735+/-0.000 χ^2/NDF: 334357190.6/57

- sign 89.735+/-0.000 χ^2/NDF: 186062394.1/28

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 116.996+/-0.010 χ^2/NDF:136480.0/11

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

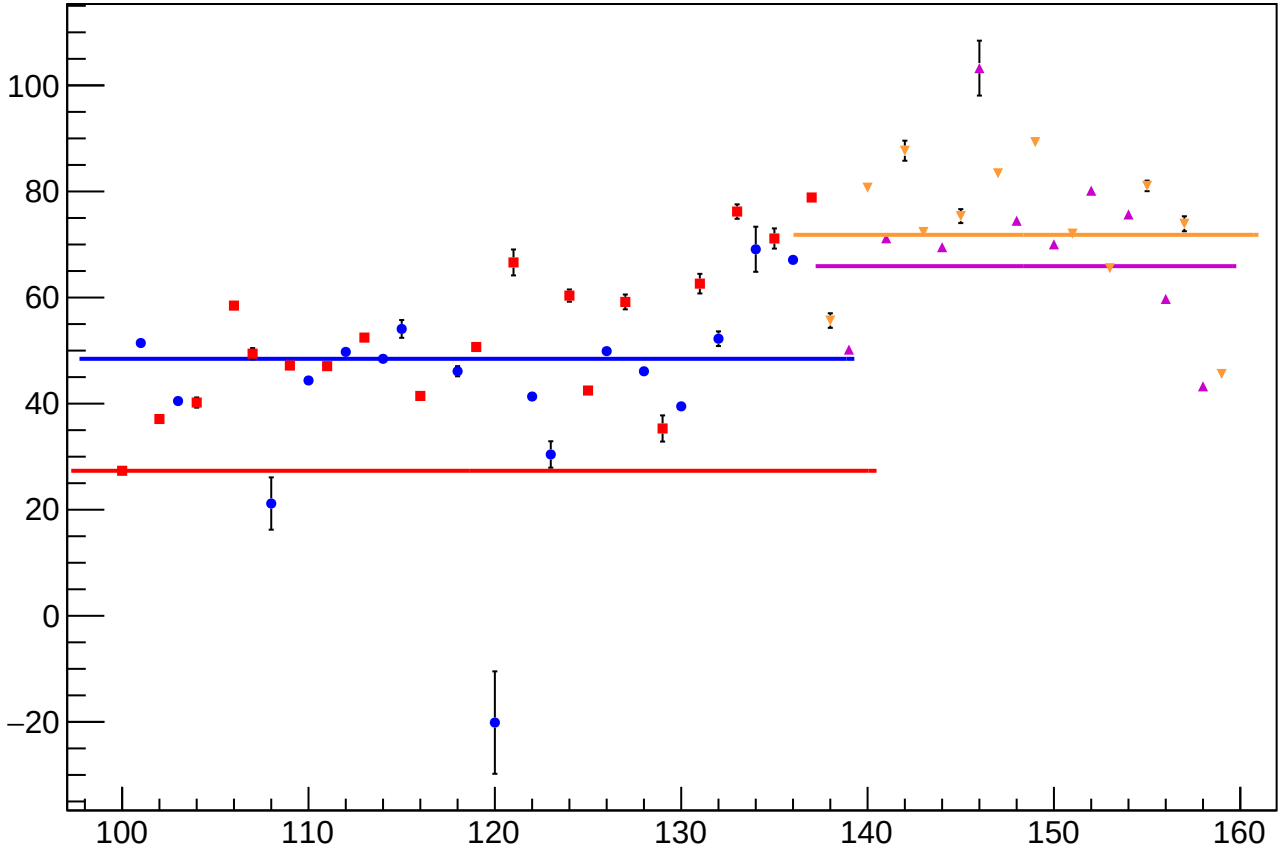
Left In: 116.854+/-0.010 χ^2/NDF:40354.1/9

+ sign 114.103+/-0.010 χ^2/NDF: 3364323.8/28

All: 27.798+/-0.000 χ^2/NDF: 170402481.7/57

- sign 27.798+/-0.000 χ^2/NDF: 89332202.9/28

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 71.824+/-0.234 χ^2/NDF:3667.5/11

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

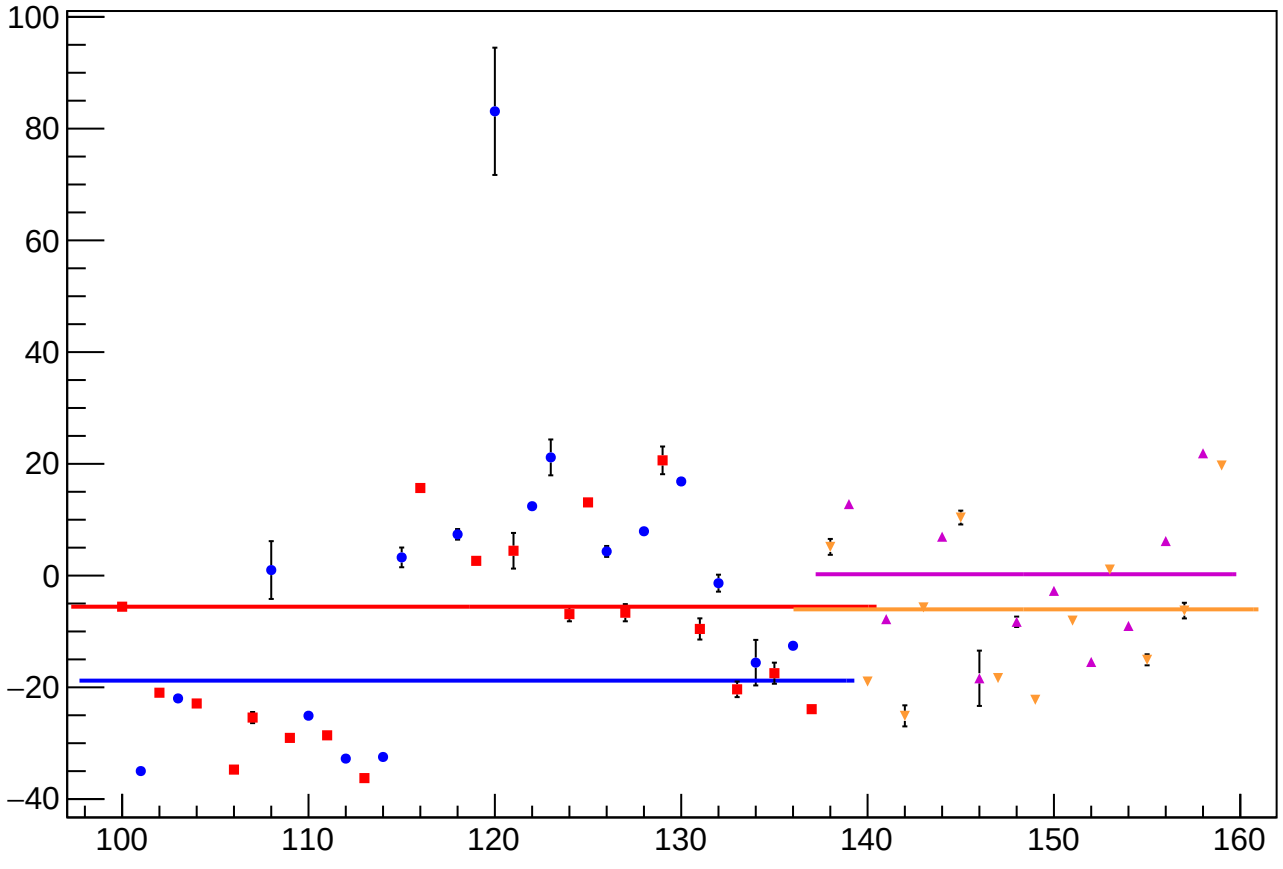
Left In: 65.918+/-0.191 χ^2/NDF:3741.6/9

+ sign 48.450+/-0.000 χ^2/NDF: 16407.4/28

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 70515.7/28

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -6.044+/-0.231 χ^2/NDF:3937.1/11

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

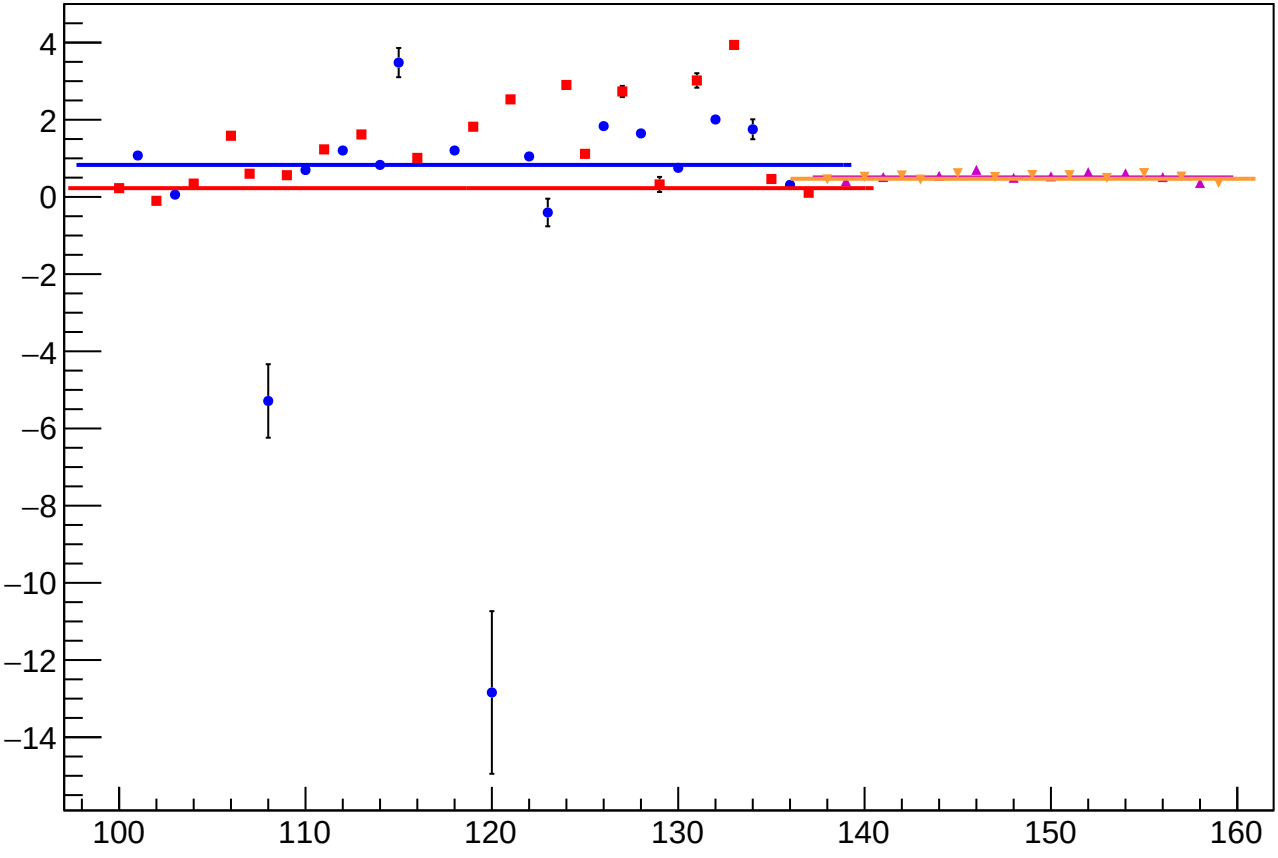
Left In: 0.240+/-0.188 χ^2/NDF:3368.5/9

+ sign -15.063+/-0.125 χ^2/NDF: 17865.2/28

All: -5.568+/-0.000 χ^2/NDF: 51067.7/57

- sign -5.568+/-0.000 χ^2/NDF: 27415.2/28

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.471+/-0.001 χ^2/NDF:4670.4/11

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

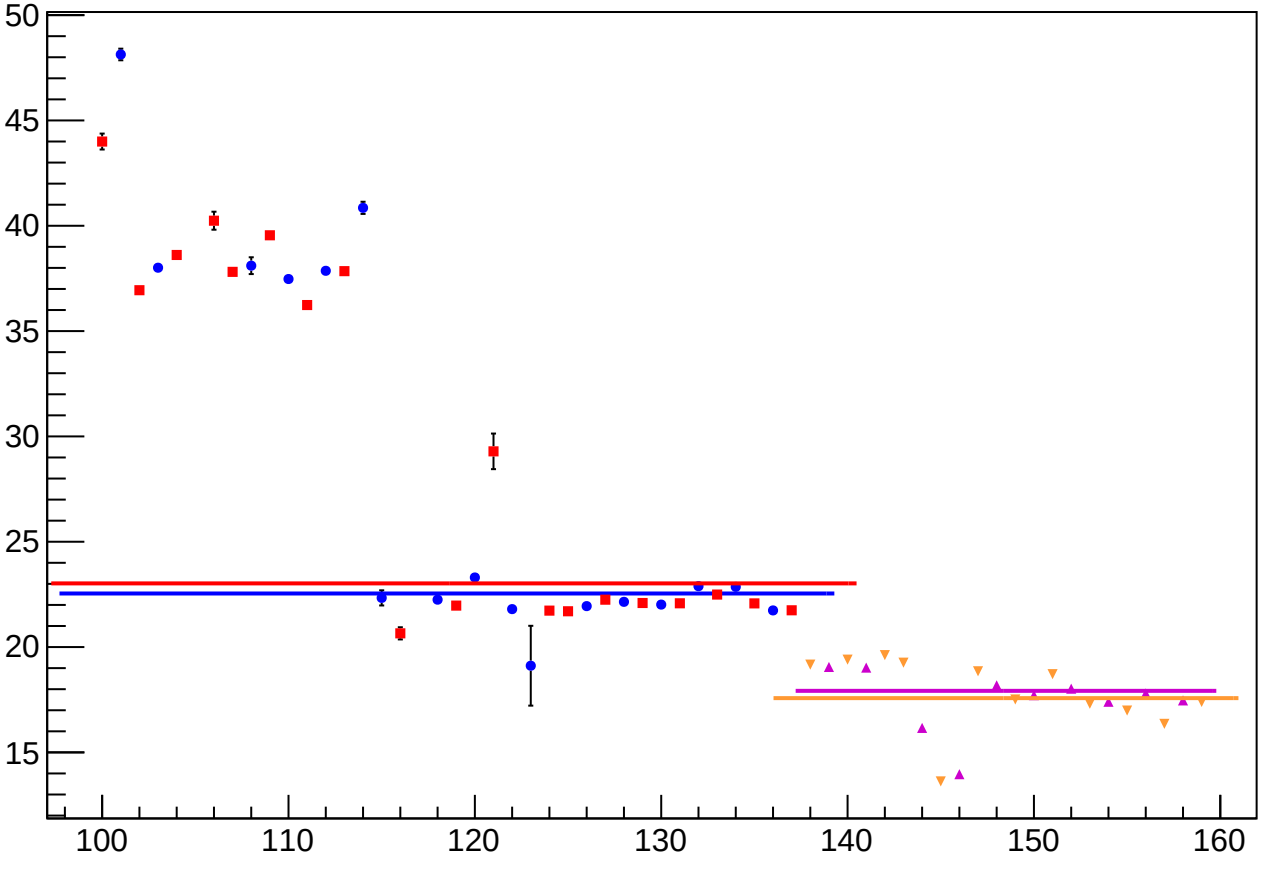
Left In: 0.505+/-0.001 χ^2/NDF:5891.5/9

+ sign 0.830+/-0.000 χ^2/NDF: 92309.6/28

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 59941.2/28

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.576+/-0.007 χ^2/NDF:69933.7/11

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

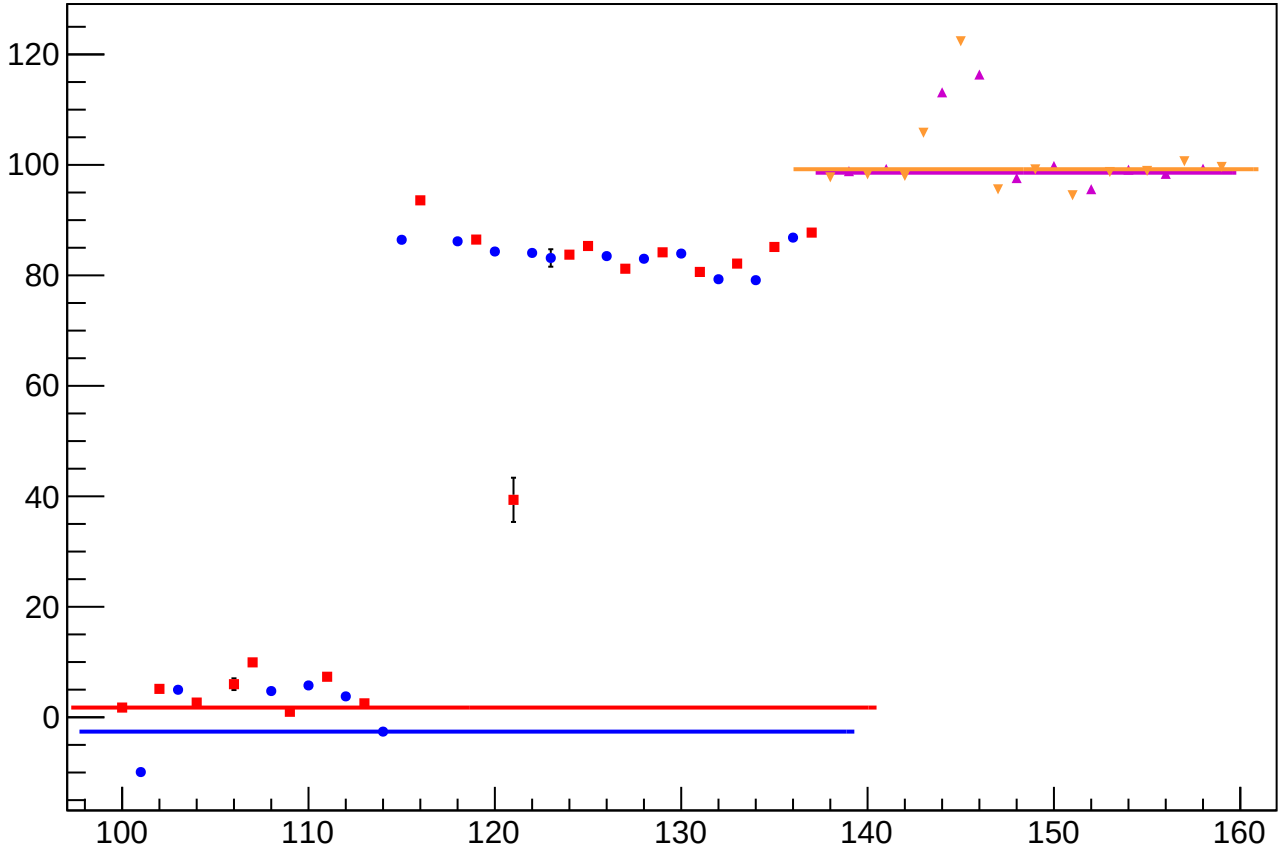
Left In: 17.922+/-0.008 χ^2/NDF:10777.6/9

+ sign 19.328+/-0.006 χ^2/NDF: 359651.2/28

All: 19.716+/-0.004 χ^2/NDF: 724508.5/57

- sign 20.176+/-0.006 χ^2/NDF: 354080.5/28

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.217+/-0.014 χ^2/NDF:68139.6/11

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

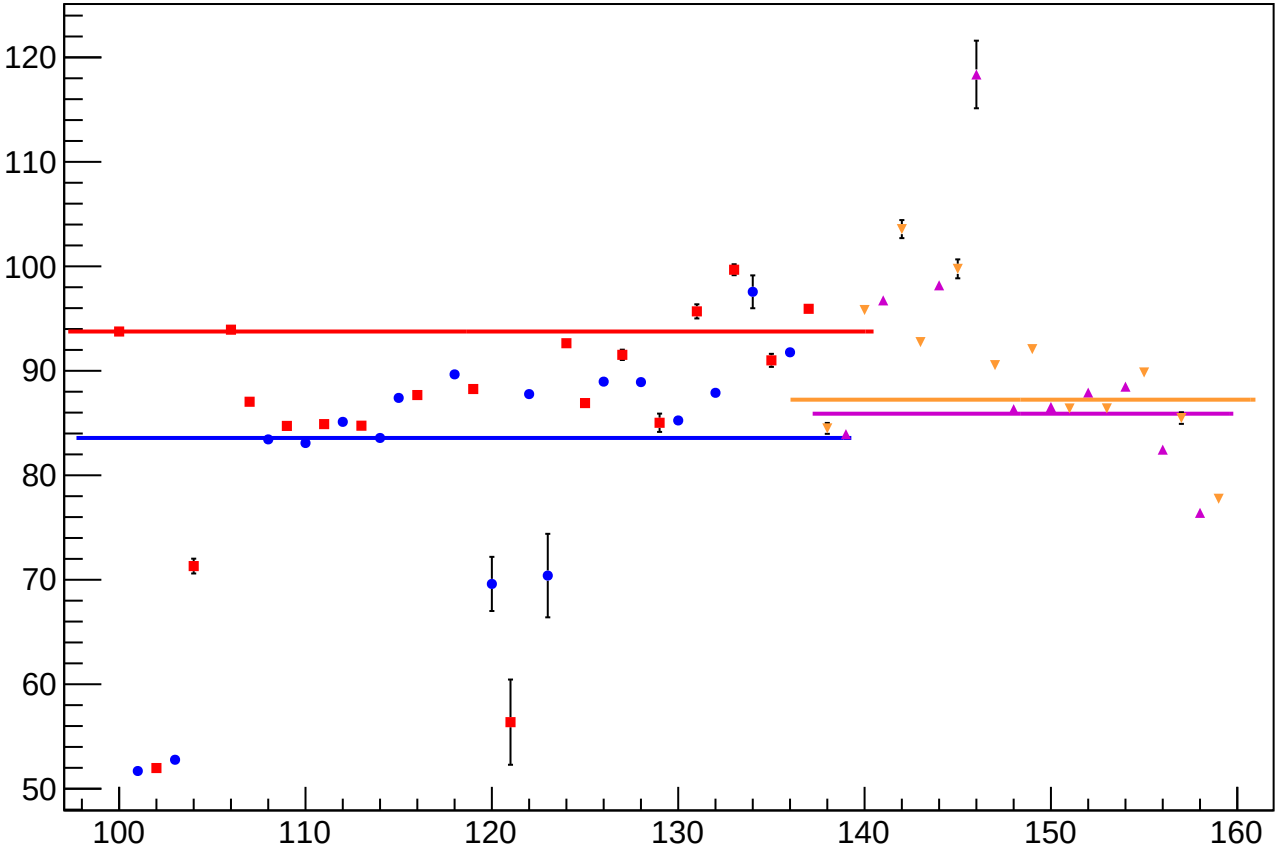
Left In: 98.585+/-0.014 χ^2/NDF:16308.9/9

+ sign -2.596+/-0.000 χ^2/NDF: 58409255.2/28

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 51799326.7/28

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 87.237+/-0.089 χ^2/NDF:5156.2/11

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

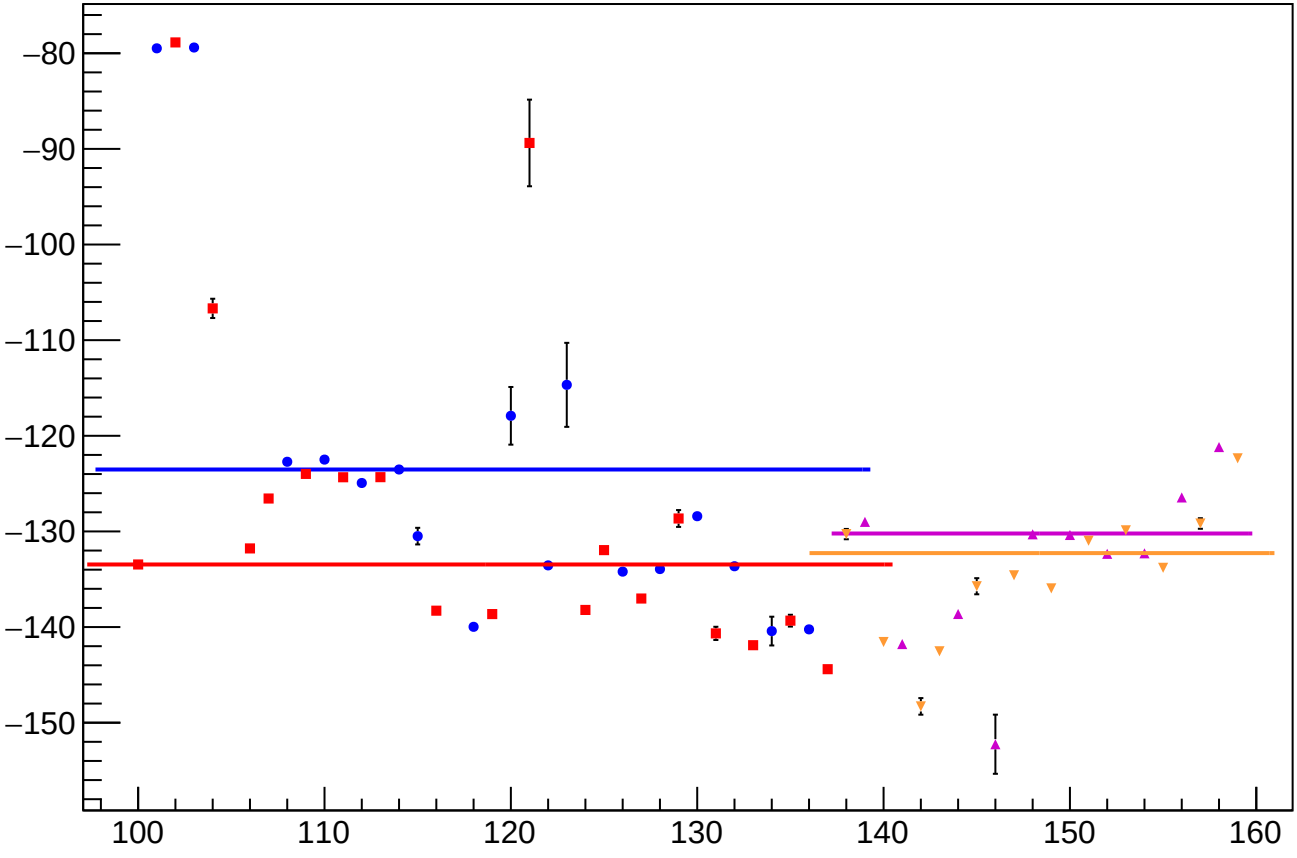
Left In: 85.895+/-0.071 χ^2/NDF:5467.4/9

+ sign 83.573+/-0.000 χ^2/NDF: 56336.6/28

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 100628.8/28

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -132.266+/-0.088 χ^2/NDF:6588.8/11

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

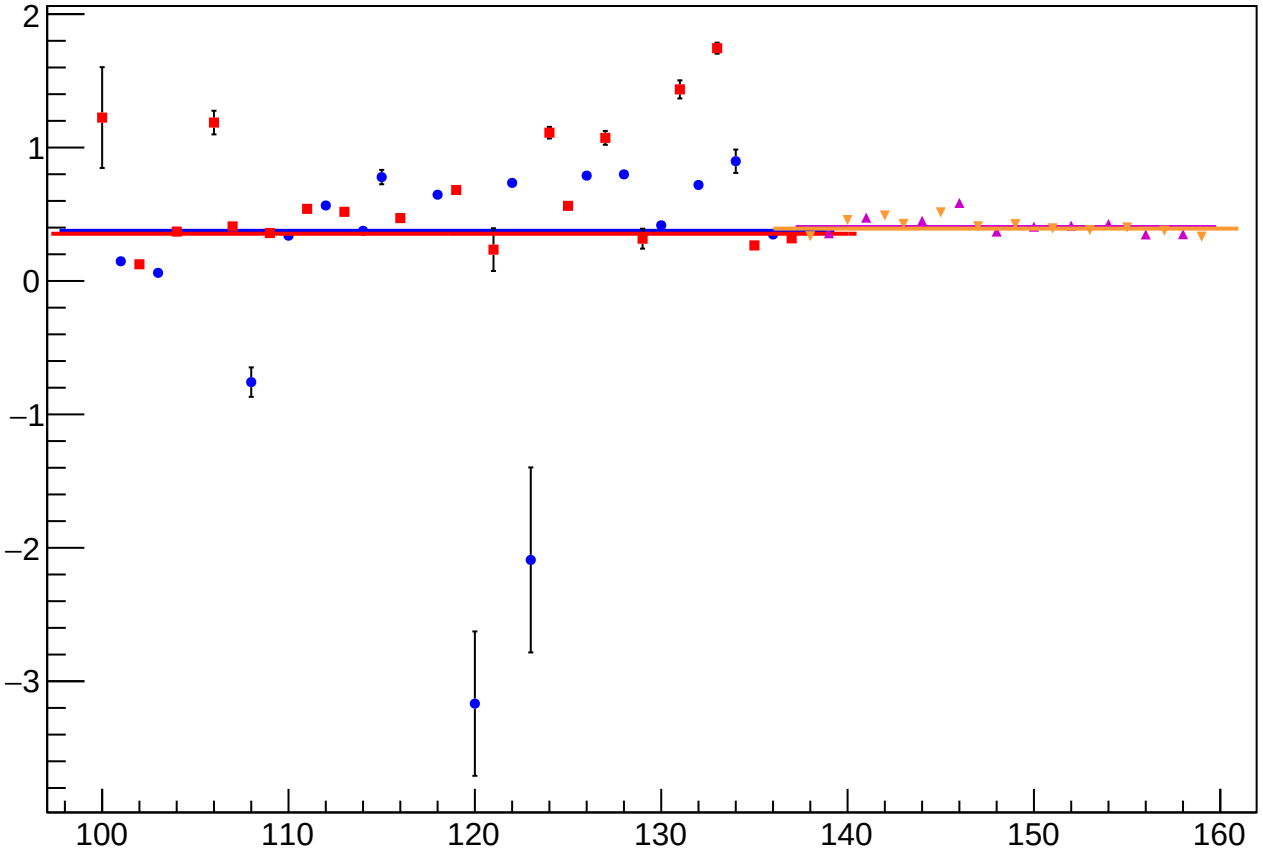
Left In: -130.217+/-0.070 χ^2/NDF:4649.9/9

+ sign -123.524+/-0.000 χ^2/NDF: 176830.6/28

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 401704.8/28

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.392+/-0.001 χ^2/NDF:4156.7/11

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

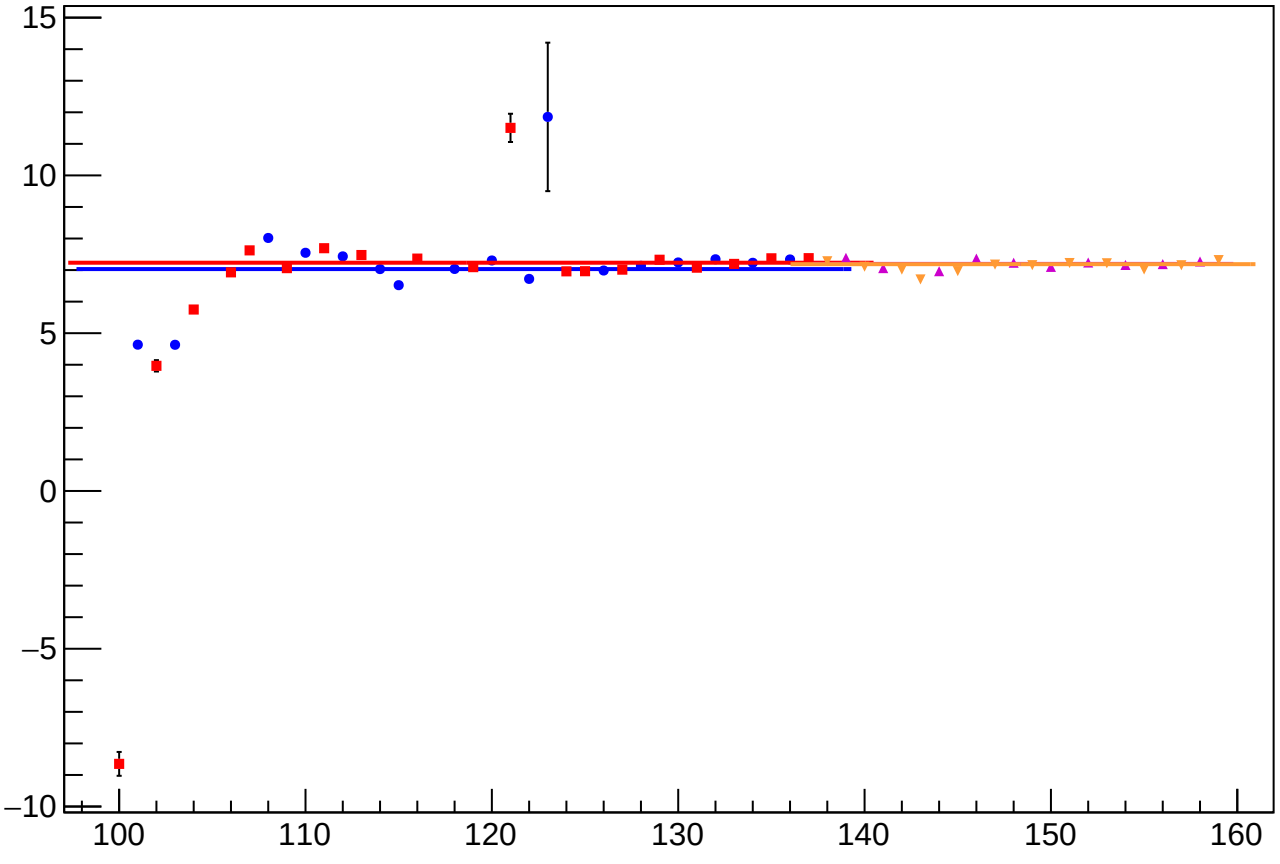
Left In: 0.404+/-0.001 χ^2/NDF:5417.7/9

+ sign 0.376+/-0.000 χ^2/NDF: 8771.5/28

All: 0.376+/-0.000 χ^2/NDF: 21623.5/57

- sign 0.398+/-0.001 χ^2/NDF: 10987.0/28

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.187+/-0.001 χ^2/NDF:21953.7/11

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

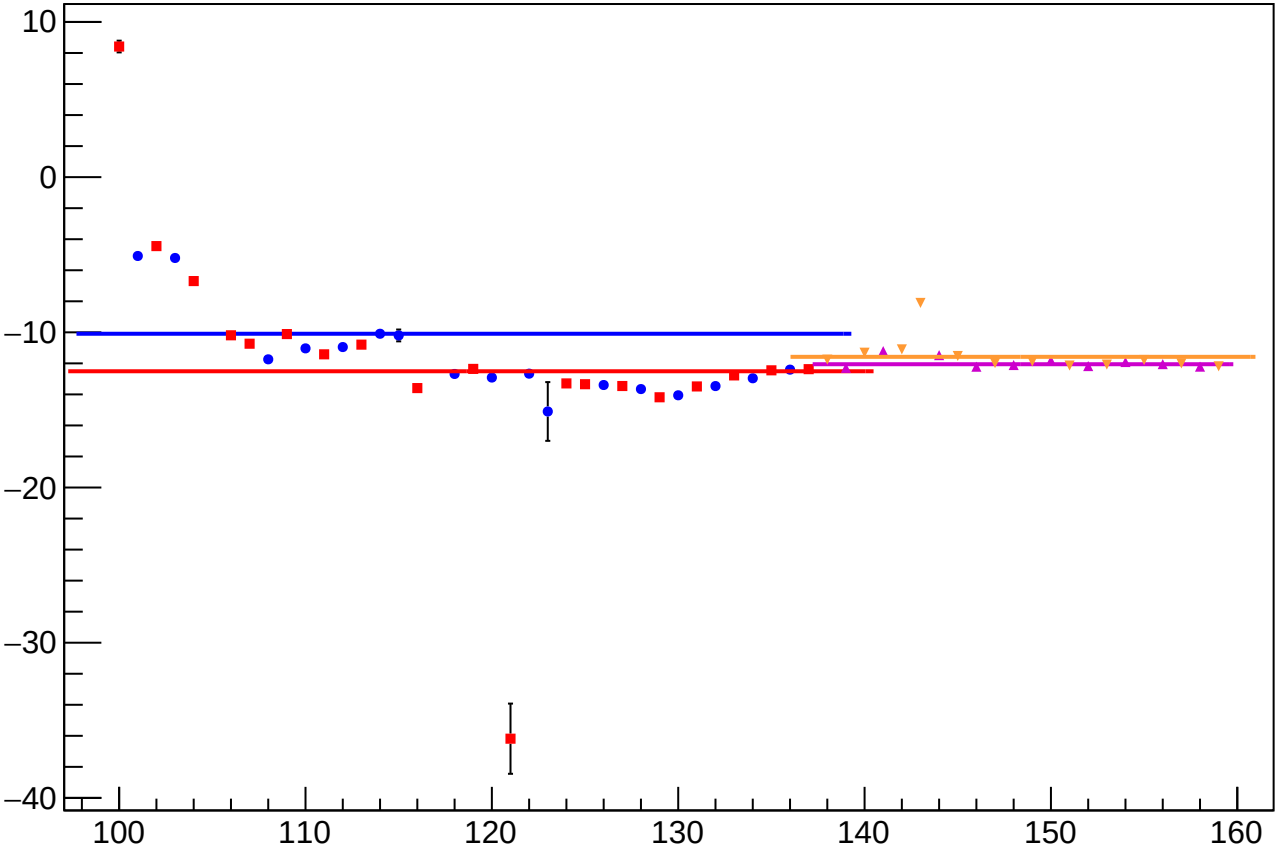
Left In: 7.195+/-0.001 χ^2/NDF:9017.2/9

+ sign 7.032+/-0.000 χ^2/NDF: 63446.3/28

All: 7.032+/-0.000 χ^2/NDF: 113093.4/57

- sign 7.202+/-0.001 χ^2/NDF: 19287.3/28

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.579+/-0.002 χ^2/NDF:389636.1/11

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

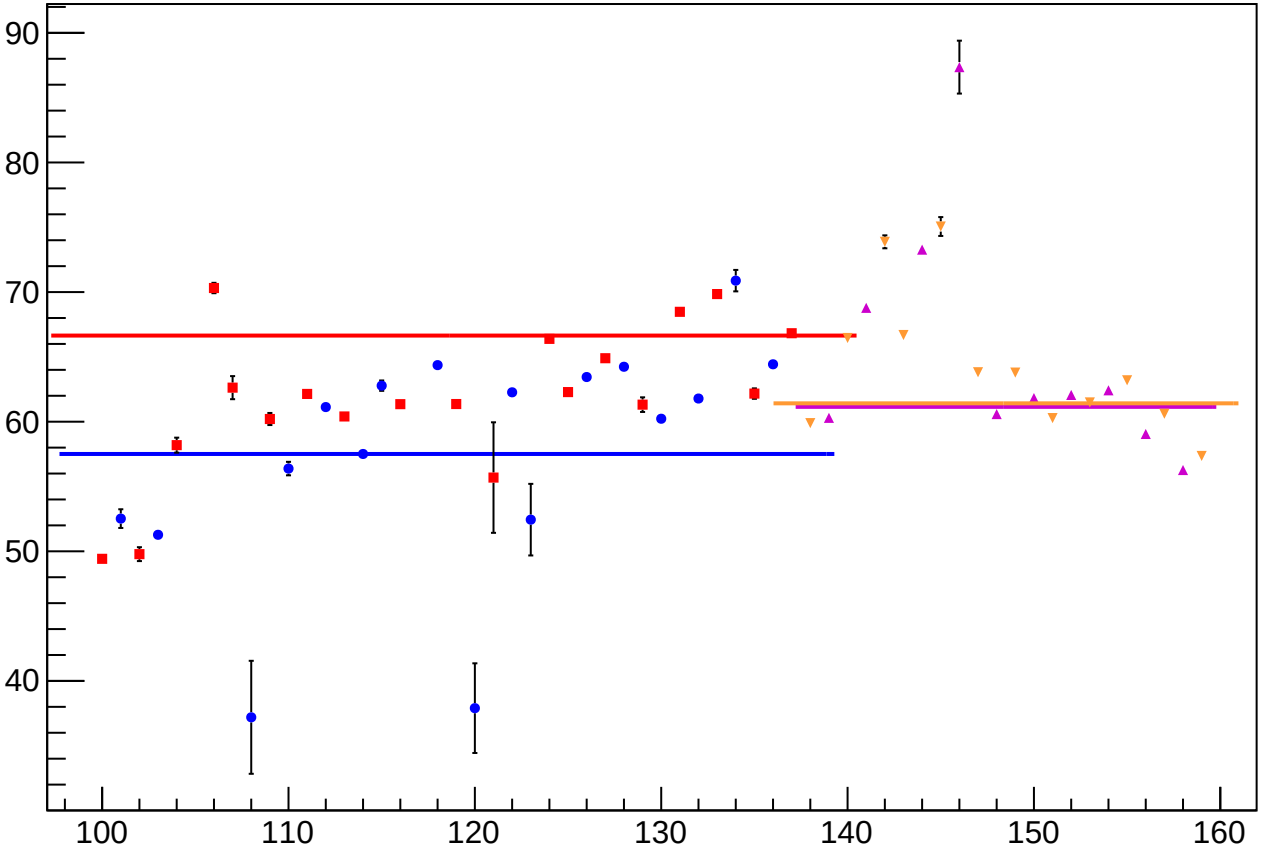
Left In: -12.055+/-0.002 χ^2/NDF:14602.5/9

+ sign -10.092+/-0.000 χ^2/NDF: 1465014.1/28

All: -10.092+/-0.000 χ^2/NDF: 2962168.5/57

- sign -12.156+/-0.002 χ^2/NDF: 129498.4/28

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.416+/-0.051 χ^2/NDF:4743.2/11

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

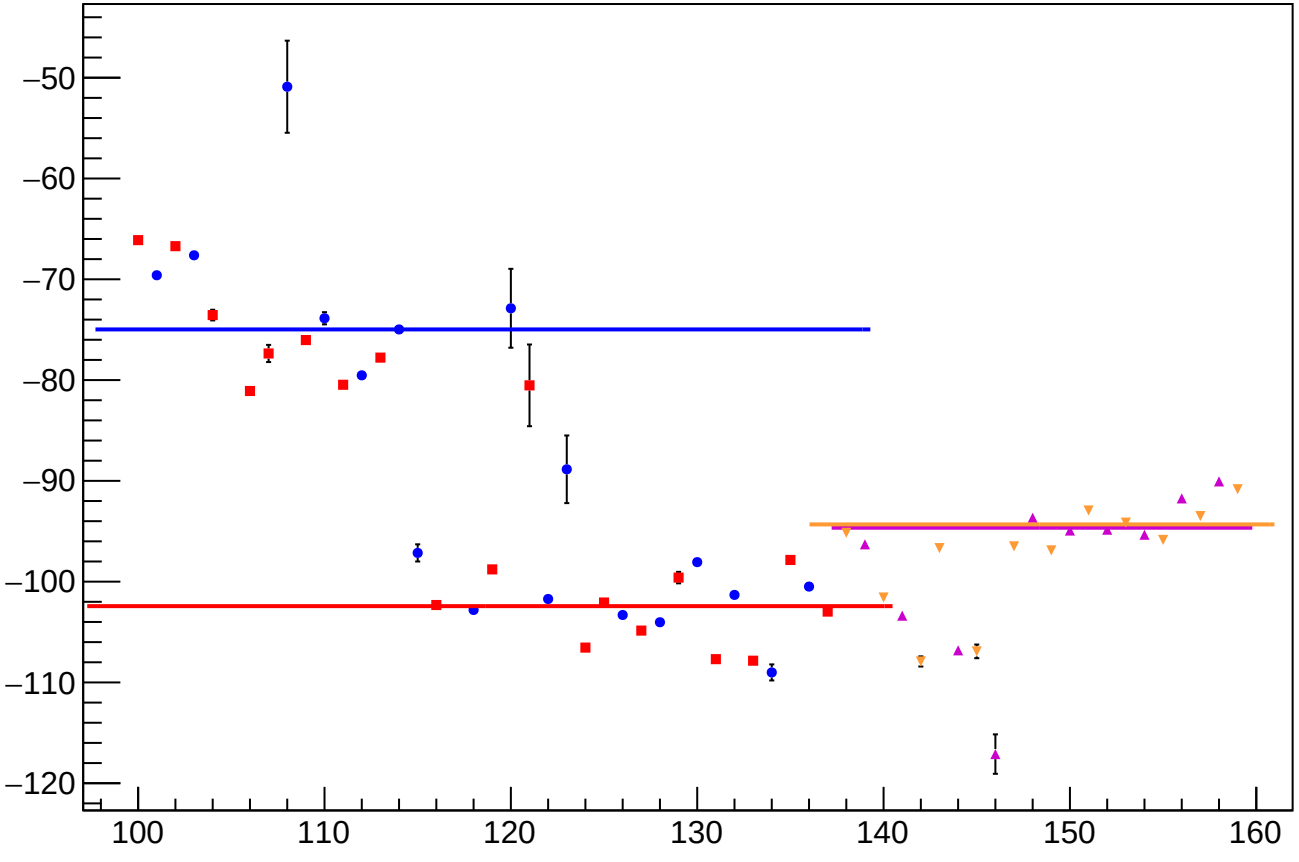
Left In: 61.145+/-0.043 χ^2/NDF:4991.1/9

+ sign 57.510+/-0.000 χ^2/NDF: 18775.0/28

All: 57.510+/-0.000 χ^2/NDF: 527192.7/57

- sign 66.182+/-0.013 χ^2/NDF: 28028.4/28

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -94.322+/-0.051 χ^2/NDF:4199.2/11

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

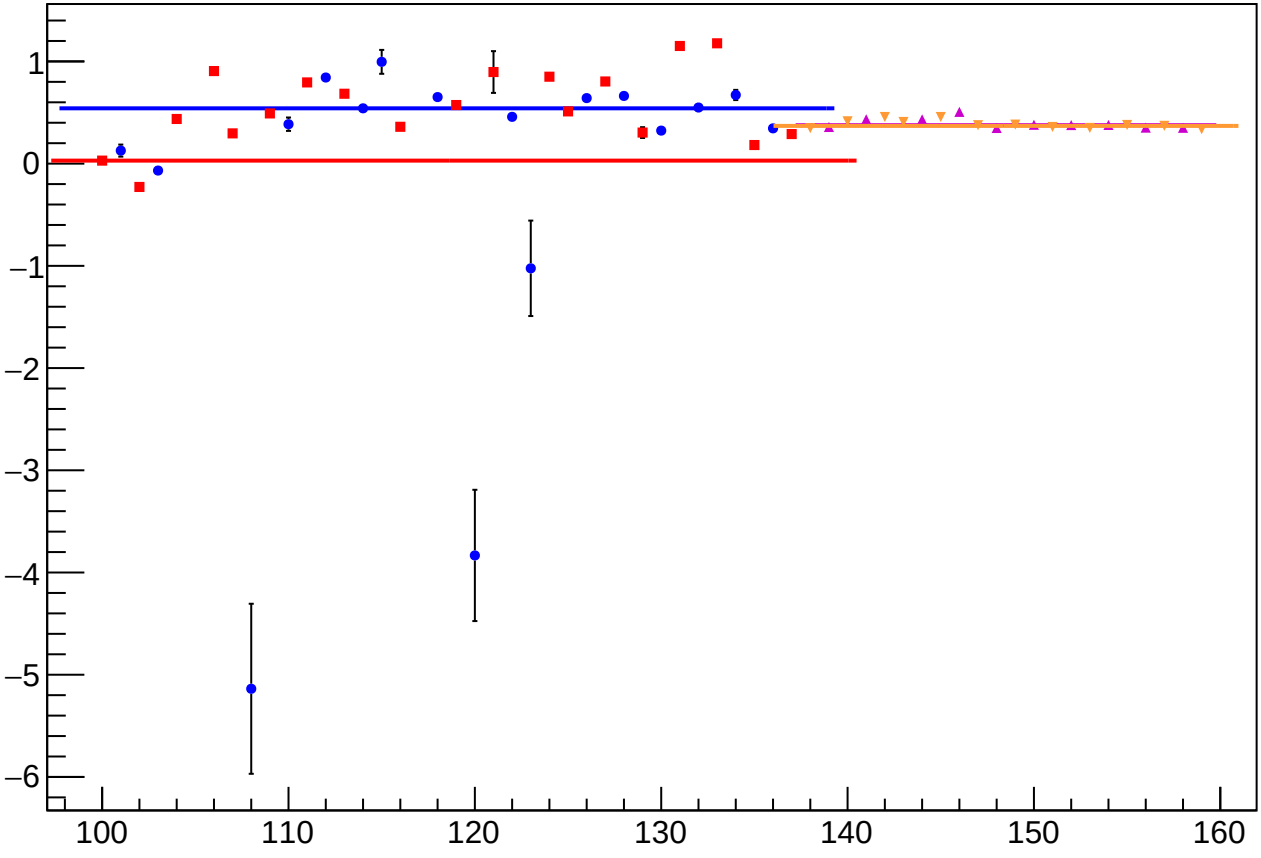
Left In: -94.648+/-0.044 χ^2/NDF:5365.4/9

+ sign -74.974+/-0.000 χ^2/NDF: 279017.3/28

All: -74.974+/-0.000 χ^2/NDF: 2912407.6/57

- sign -101.324+/-0.016 χ^2/NDF: 82863.4/28

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.369+/-0.000 χ^2/NDF:2697.1/11

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

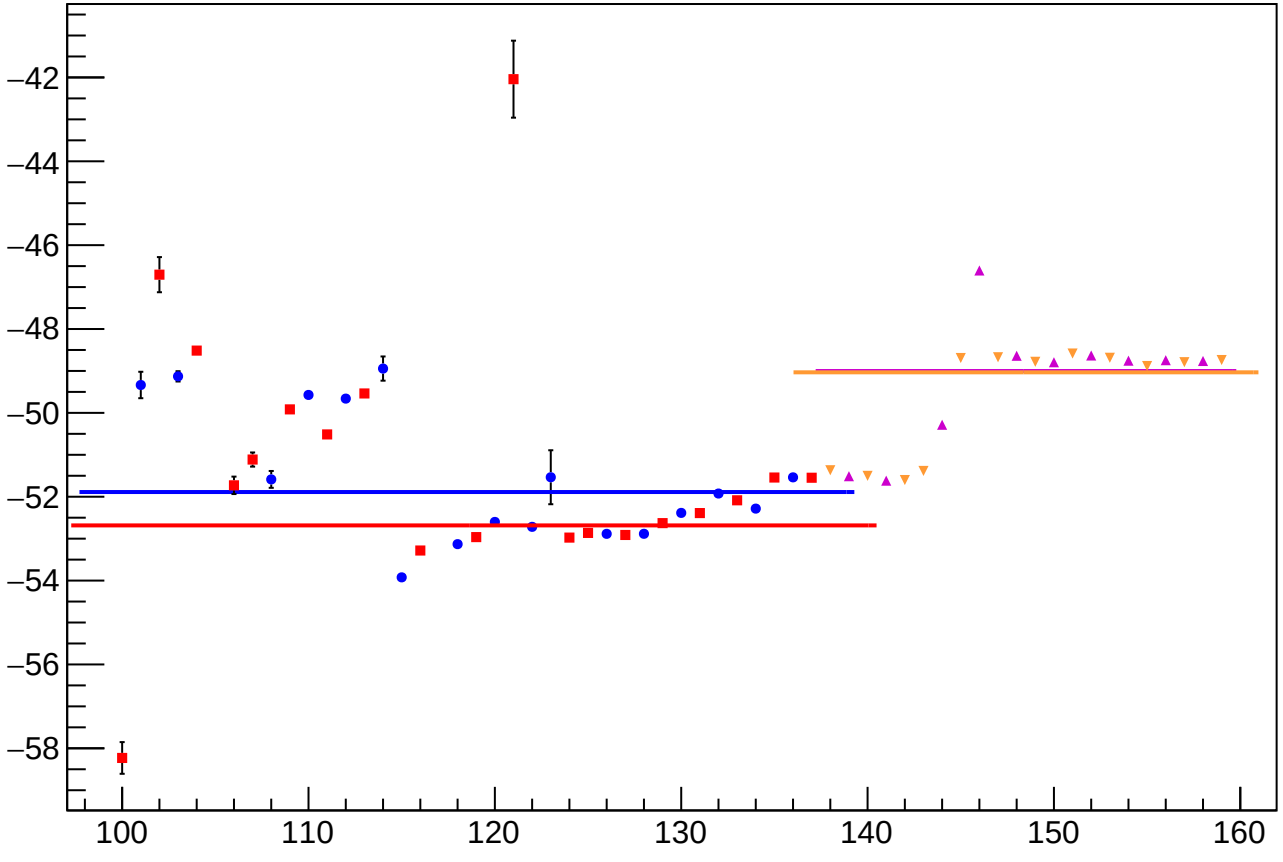
Left In: 0.376+/-0.000 χ^2/NDF:4019.3/9

+ sign 0.541+/-0.000 χ^2/NDF: 155732.5/28

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 903366.6/28

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -49.033+/-0.001 χ^2/NDF:339382.2/11

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

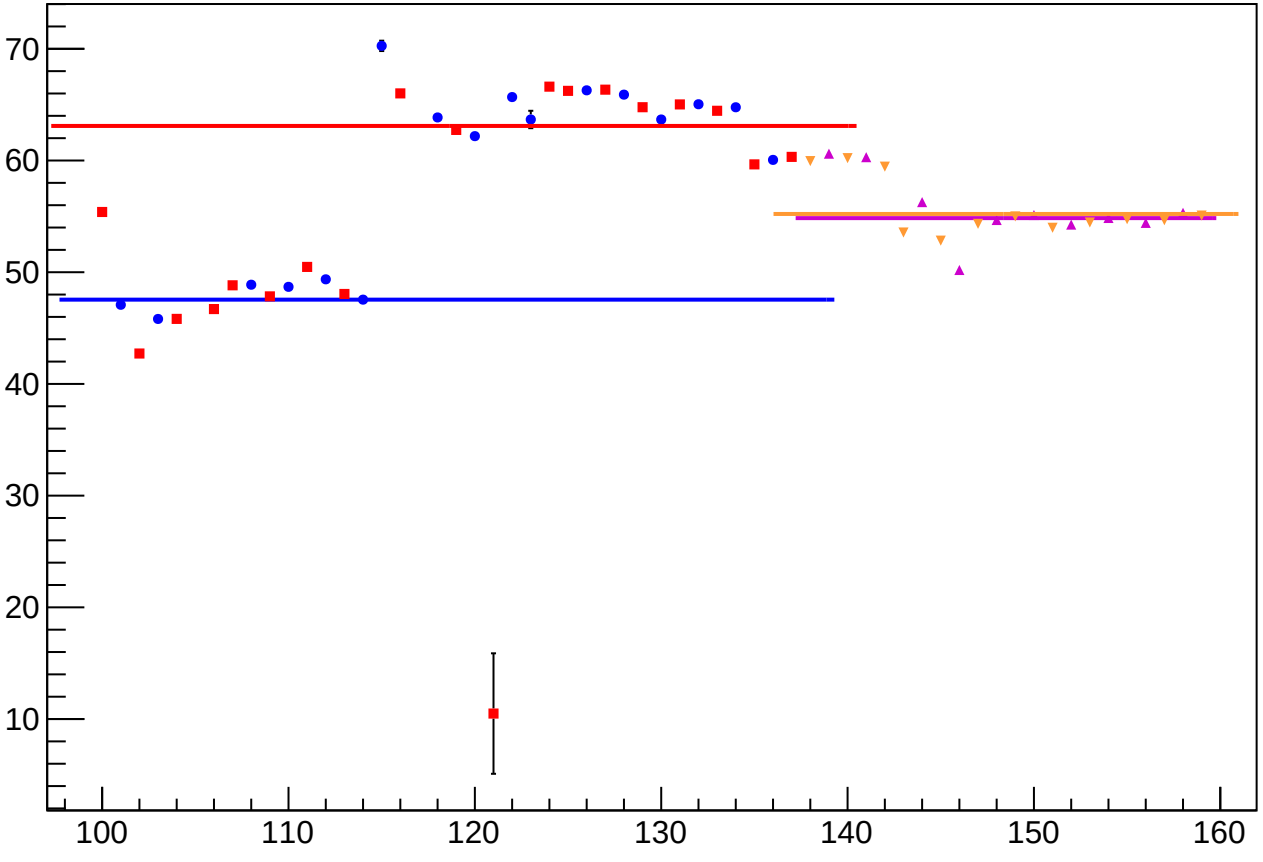
Left In: -49.002+/-0.001 χ^2/NDF:502777.3/9

+ sign -49.898+/-0.001 χ^2/NDF: 1561557.1/28

All: -49.780+/-0.001 χ^2/NDF: 3822990.1/57

- sign -49.684+/-0.001 χ^2/NDF: 2244665.5/28

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 55.216+/-0.004 χ^2/NDF:222970.9/11

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

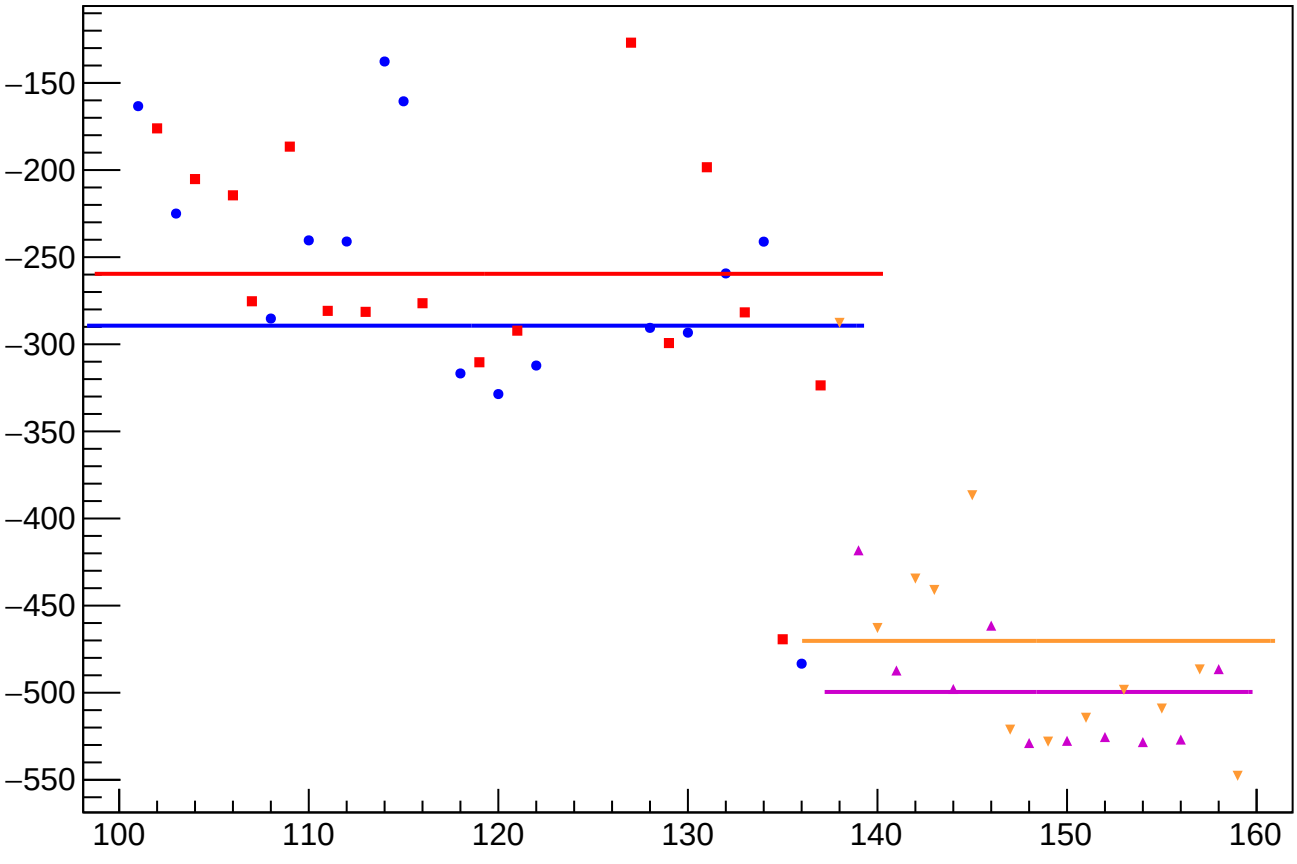
Left In: 54.843+/-0.003 χ^2/NDF:80320.2/9

+ sign 47.545+/-0.000 χ^2/NDF: 8418033.7/28

All: 47.545+/-0.000 χ^2/NDF: 19298975.6/57

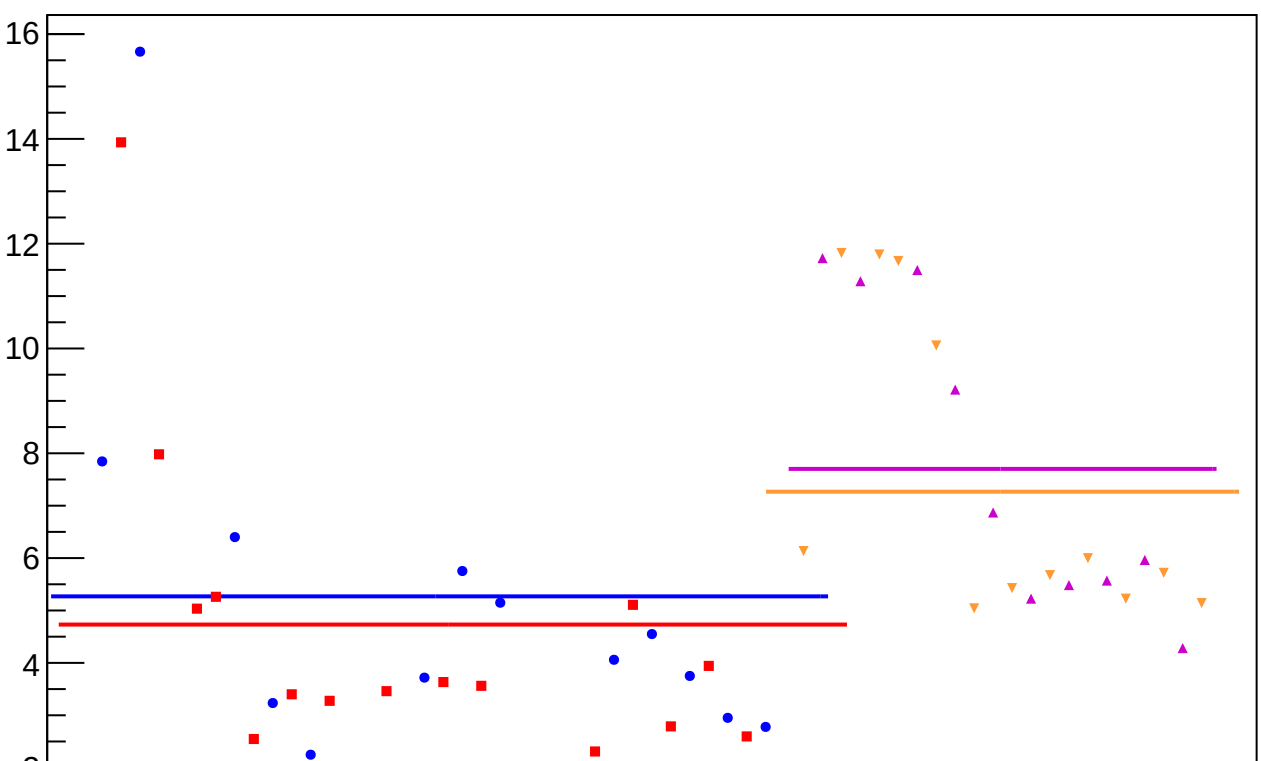
- sign 55.953+/-0.003 χ^2/NDF: 1469339.9/28

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -395.267+/-0.000 χ^2/NDF: 22417121738902
Left Out: -470.248+/-0.000 χ^2/NDF:46073619006351335073368931742232084 48.0/11
All: -394.662+/-0.000 χ^2/NDF: 4926440644 9
Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707141 12.0/15
- sign -394.037+/-0.000 χ^2/NDF: 26846119997881 7
Left In: -499.564+/-0.000 χ^2/NDF:10181730166663483181269108841229844 48.0/9

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 7.267+/-0.000 χ^2/NDF:6561845891361438099452945363894272.0/11

Right Out: 4.732+/-0.000 χ^2/NDF: 6856893072575211562802281426452480.0/15

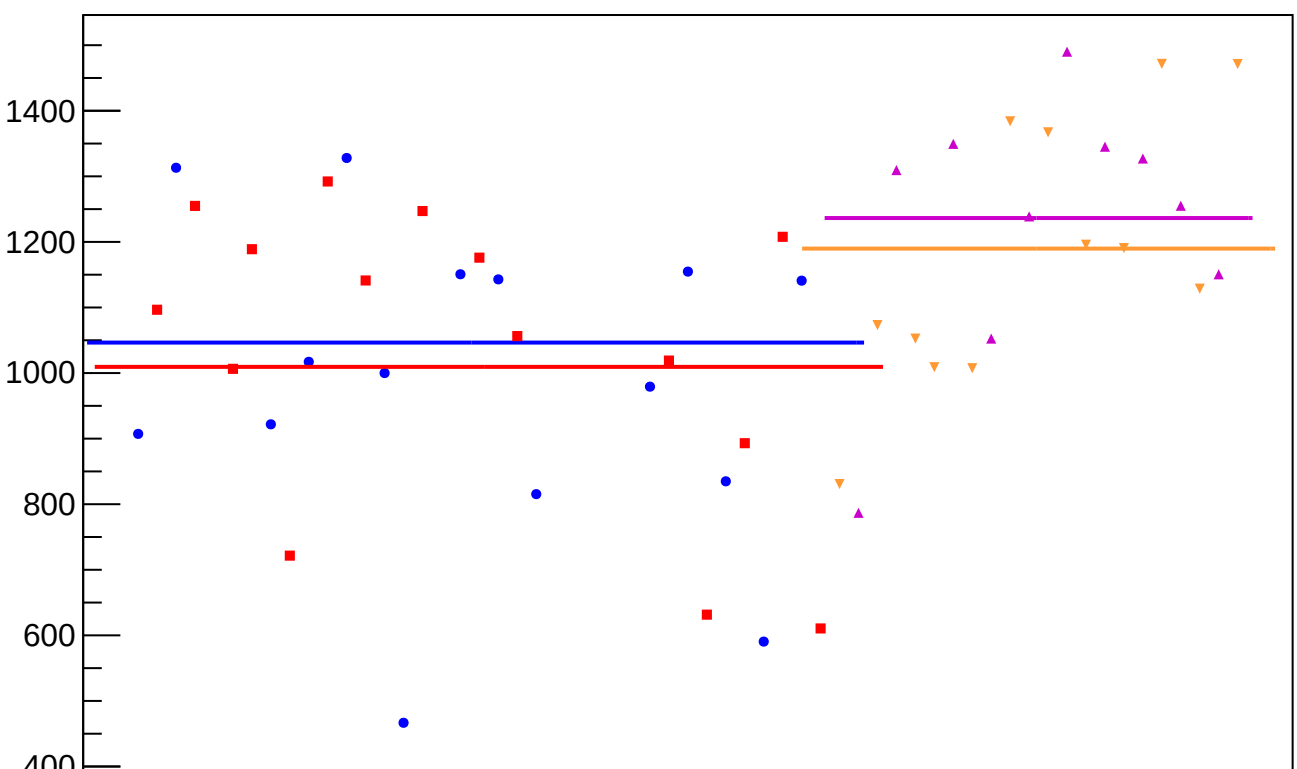
Left In: 7.702+/-0.000 χ^2/NDF:6509446328332455779899562205904896.0/9

+ sign 6.439+/-0.000 χ^2/NDF: 1678802931426997

All: 6.418+/-0.000 χ^2/NDF: 3345348072011

- sign 6.396+/-0.000 χ^2/NDF: 16664000724688652

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

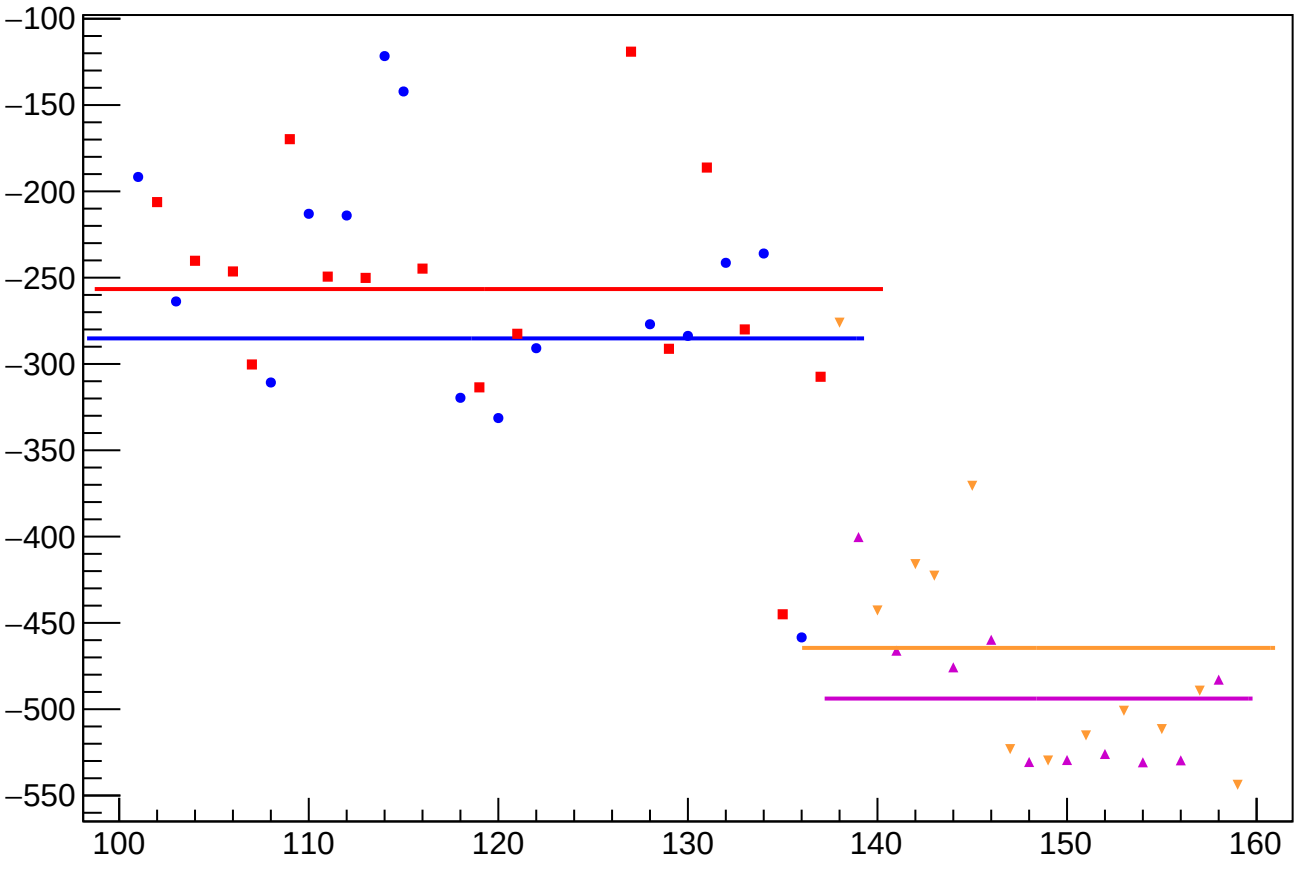
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -464.487+/-0.000 χ^2/NDF:541251227374460357747487966052640358 4.0/11

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

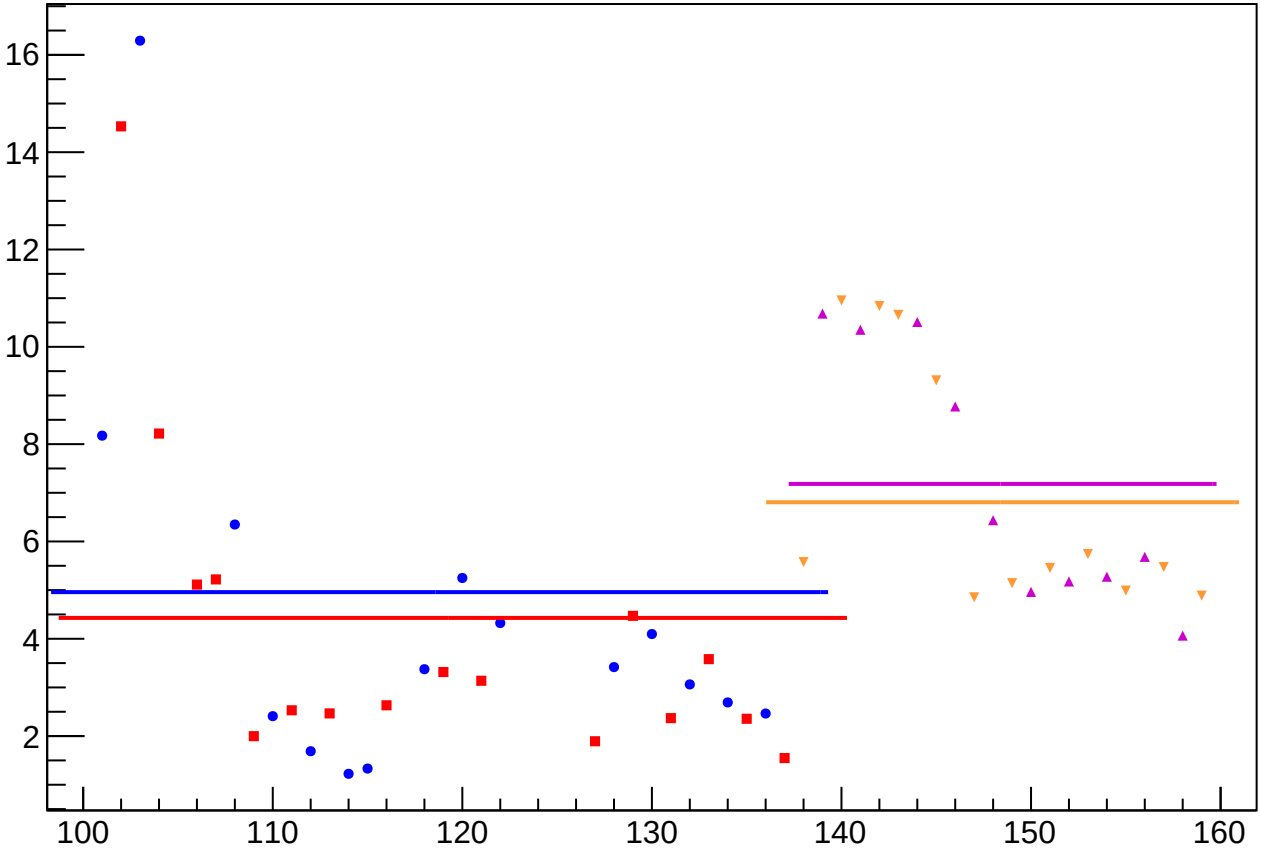
Left In: -493.836+/-0.000 χ^2/NDF:145176158132901209050805455058842419 2.0/9

+ sign -390.179+/-0.000 χ^2/NDF: 22109661045949

All: -389.858+/-0.000 χ^2/NDF: 48244040954

- sign -389.527+/-0.000 χ^2/NDF: 261340516813040

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.806+/-0.000 χ^2/NDF:5243464744446974431083540143669248.0/11

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

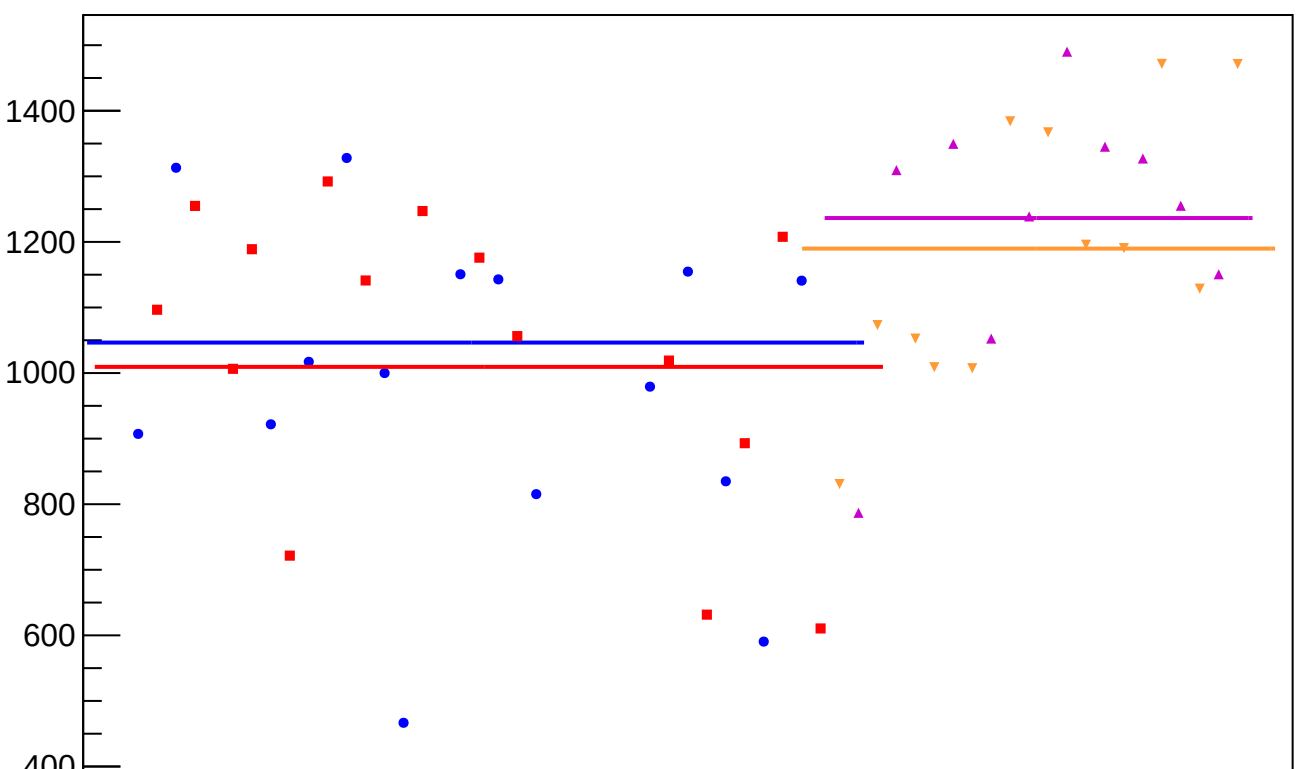
Left In: 7.183+/-0.000 χ^2/NDF:5176964626841566910242899756056576.0/9

+ sign 6.040+/-0.000 χ^2/NDF: 1700544248831142 7

All: 6.007+/-0.000 χ^2/NDF: 3339127381812 3

- sign 5.972+/-0.000 χ^2/NDF: 1638219858227910 3

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

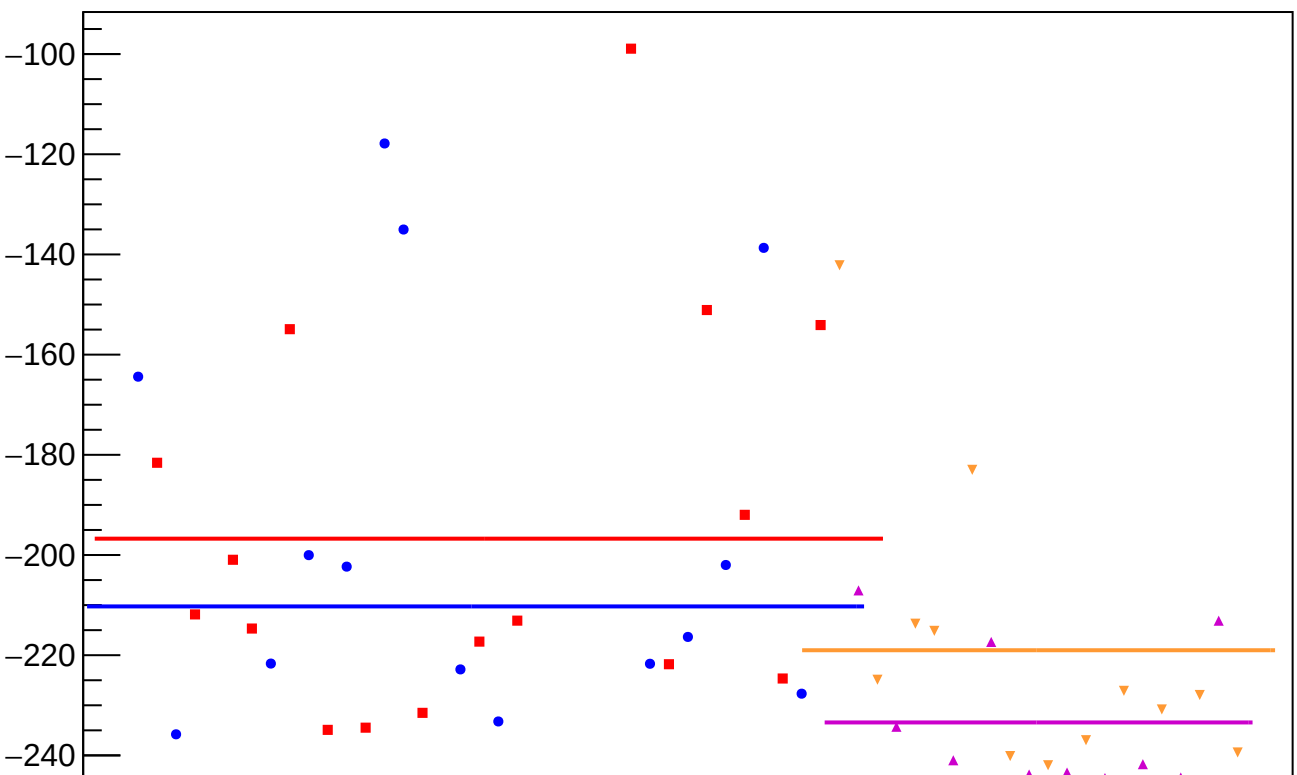
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

+ sign -215.384+/-0.000 χ^2/NDF: 13279306156099

Left Out: -219.010+/-0.000 χ^2/NDF:7311322343420992689001316159775047 68.0/11

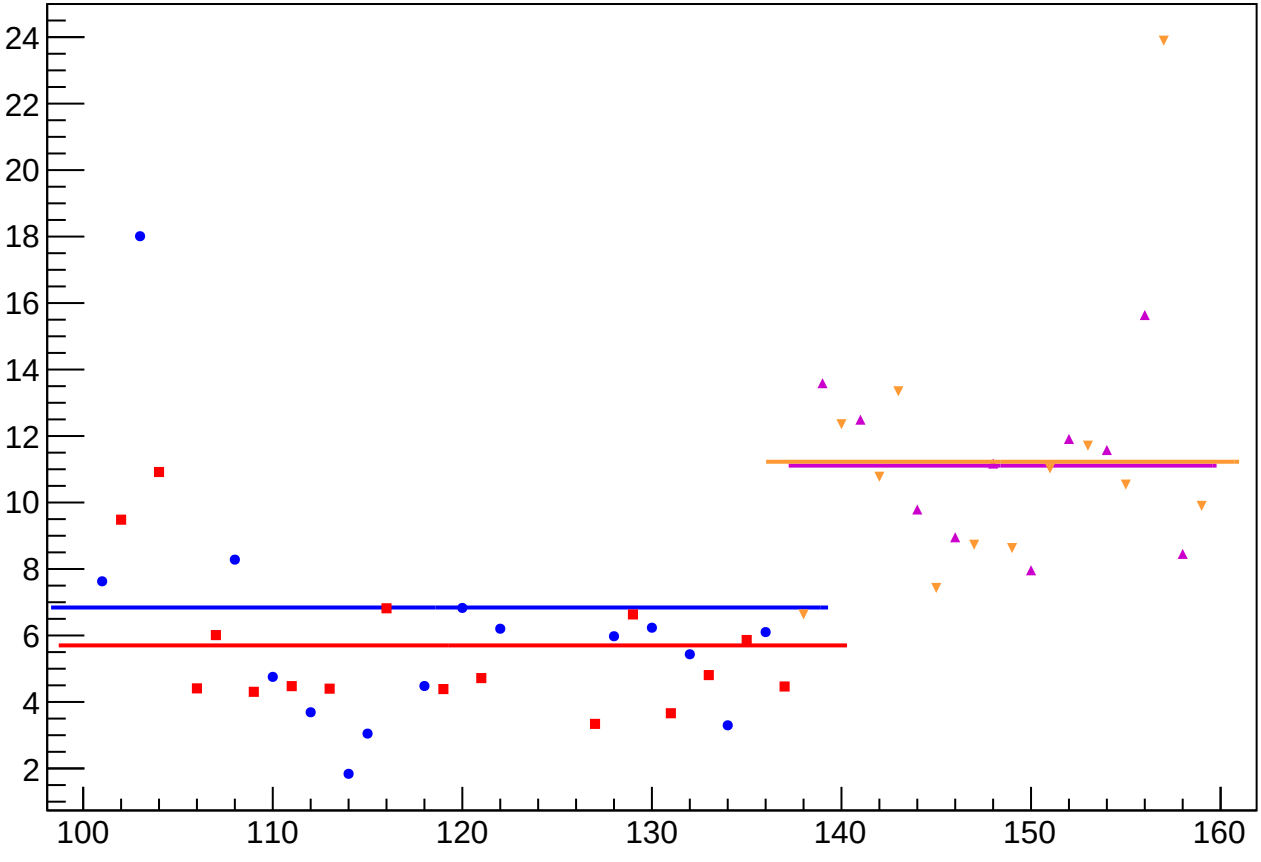
All: -216.324+/-0.000 χ^2/NDF: 29043721317

Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

- sign -217.293+/-0.000 χ^2/NDF: 157363467033703

Left In: -233.424+/-0.000 χ^2/NDF:1610191992099533857263277003180605 44.0/9

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 11.226+/-0.000 χ^2/NDF:1715783172850581055454357720819302 4.0/11

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

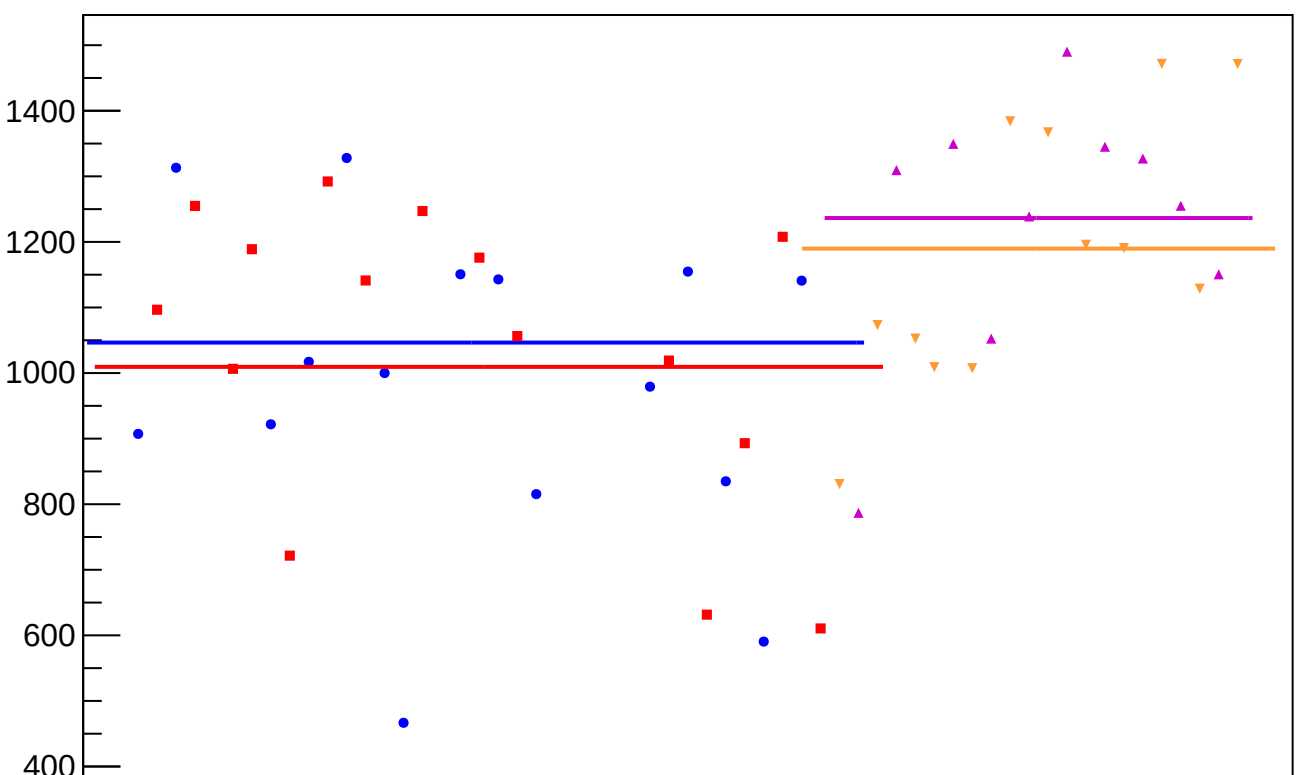
Left In: 11.110+/-0.000 χ^2/NDF:4392144303294784366056229966970880.0/9

+ sign 9.409+/-0.000 χ^2/NDF: 3382054585763807 1

All: 9.076+/-0.000 χ^2/NDF: 5267384990596 5

- sign 8.732+/-0.000 χ^2/NDF: 18499637998373700

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

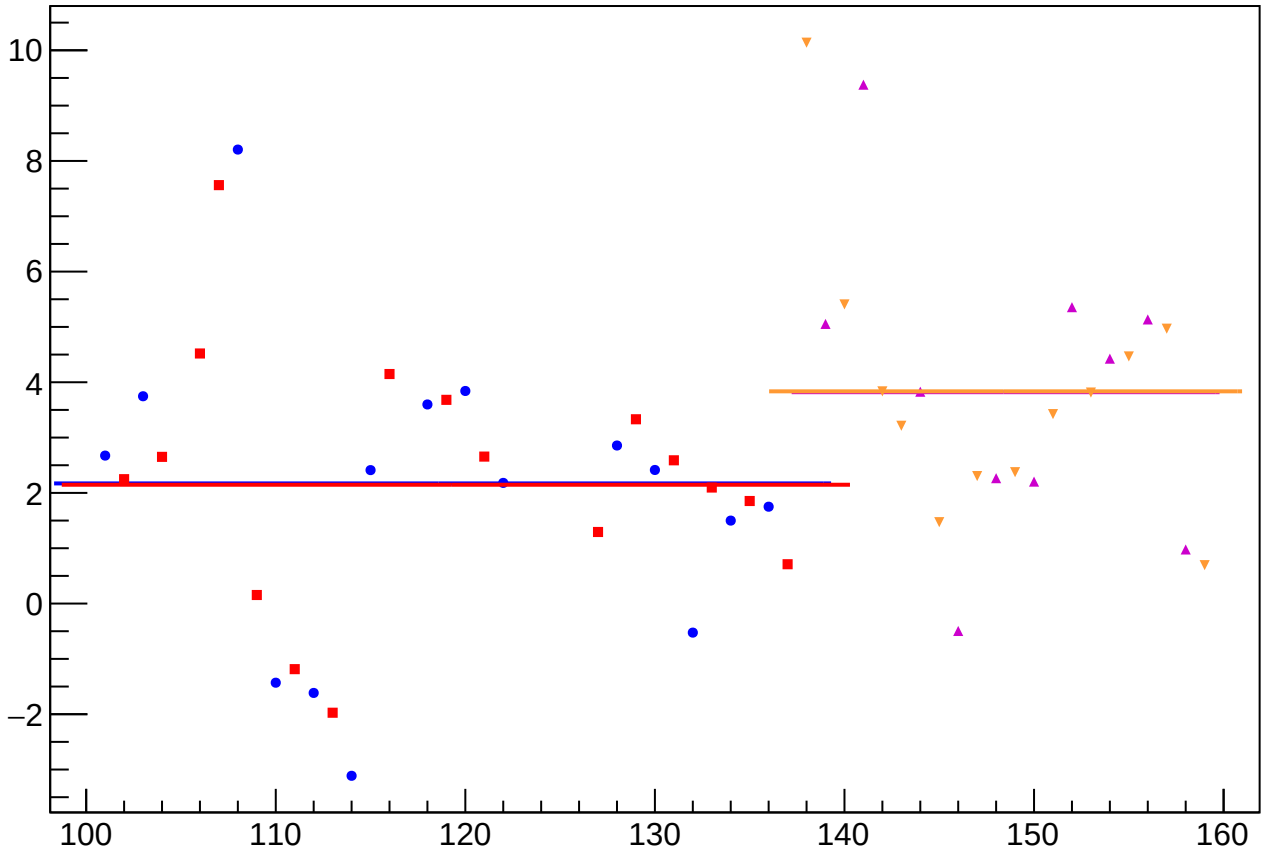
All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1136.616+/-0.000 χ^2/NDF: 9286570178879 8

Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 3.836+/-0.000 χ^2/NDF:5077142493205652960507998024761344.0/11

Right Out: 2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

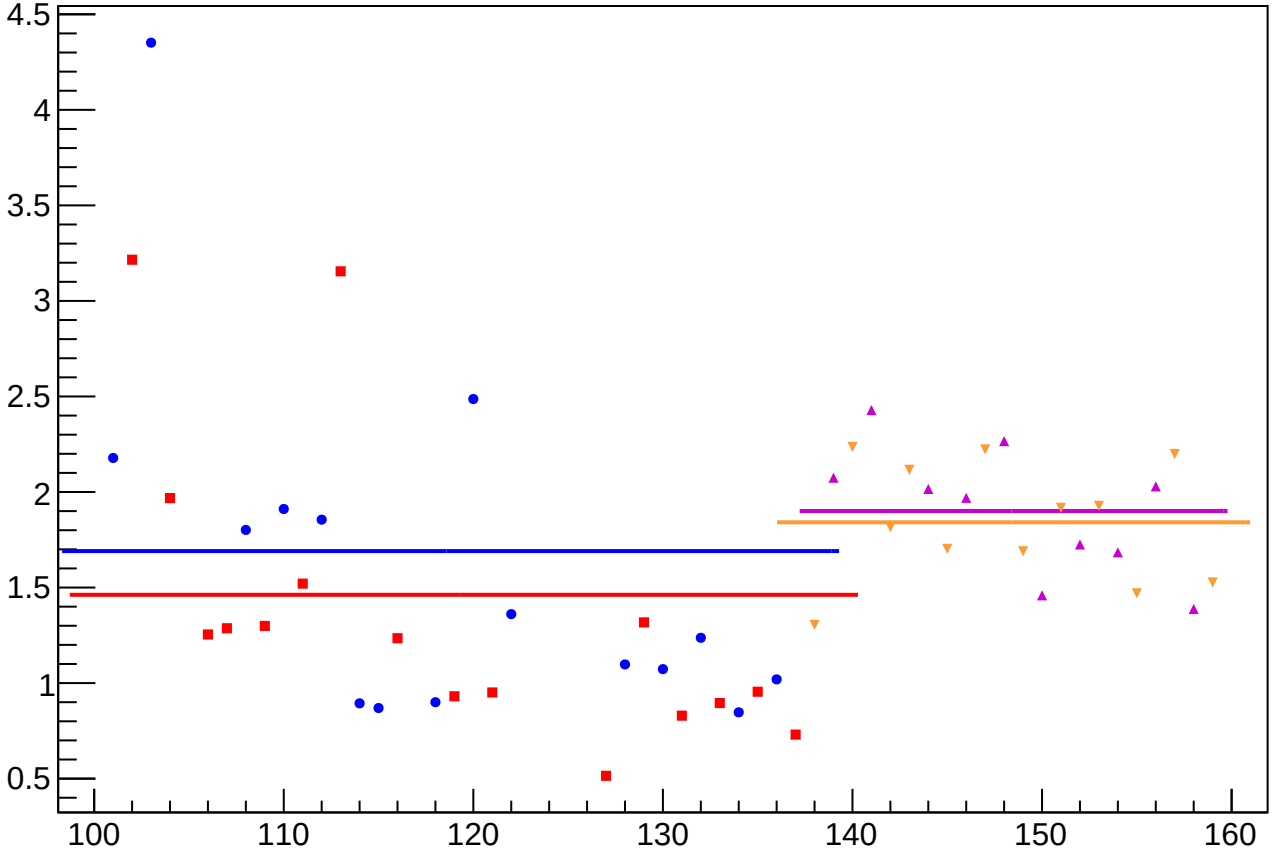
Left In: 3.820+/-0.000 χ^2/NDF:5766476614767563881001025567457280.0/9

+ sign 3.146+/-0.000 χ^2/NDF: 9729747927938629 6

All: 3.116+/-0.000 χ^2/NDF: 1963867126689 0

- sign 3.085+/-0.000 χ^2/NDF: 9906042174877286 2

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 6121633933176098596740794123550 72.0/14

Left Out: 1.841+/-0.000 χ^2/NDF:8533866321337160139920784752640 0.0/11

Right Out: 1.462+/-0.000 χ^2/NDF: 4443845116625190400223717548359 68.0/15

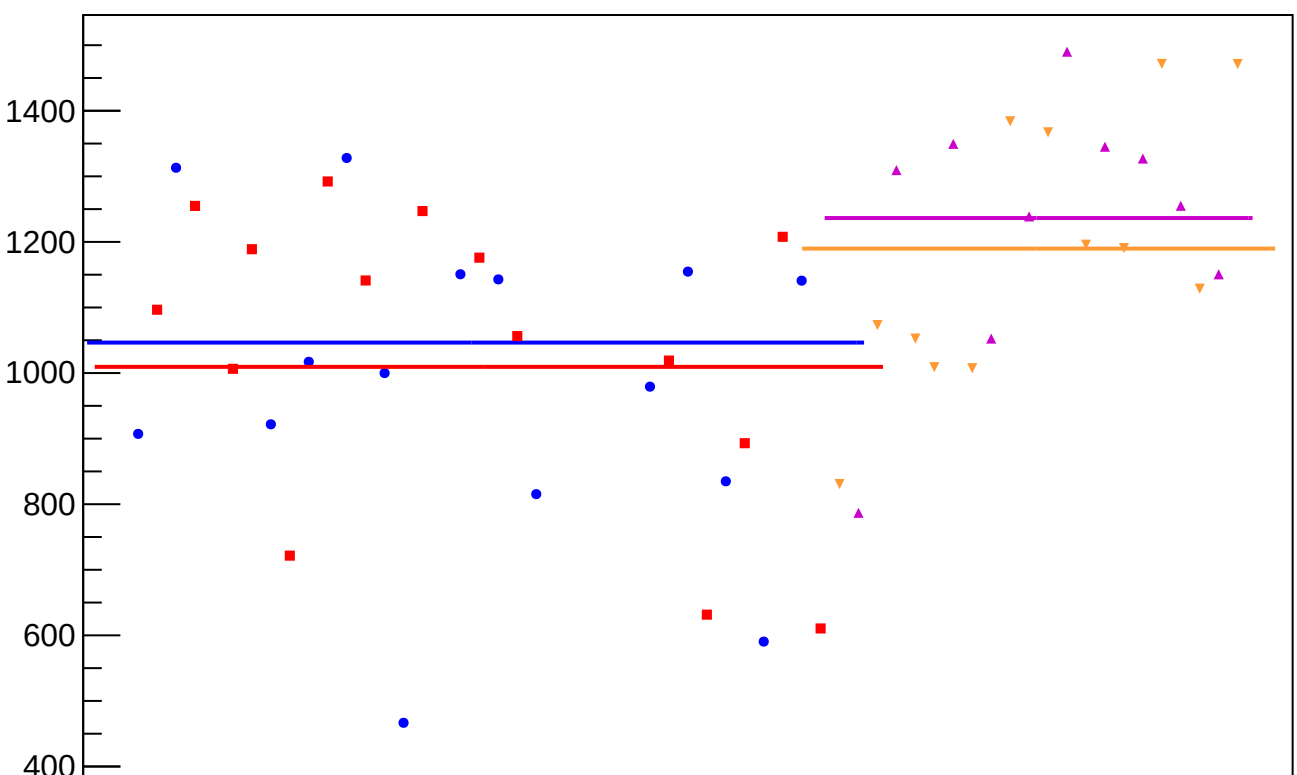
Left In: 1.901+/-0.000 χ^2/NDF:8617072411606607811242880925696 0.0/9

+ sign 1.779+/-0.000 χ^2/NDF: 7061305542845411 8

All: 1.744+/-0.000 χ^2/NDF: 1312440197853 0

- sign 1.708+/-0.000 χ^2/NDF: 6024007261789247 5

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

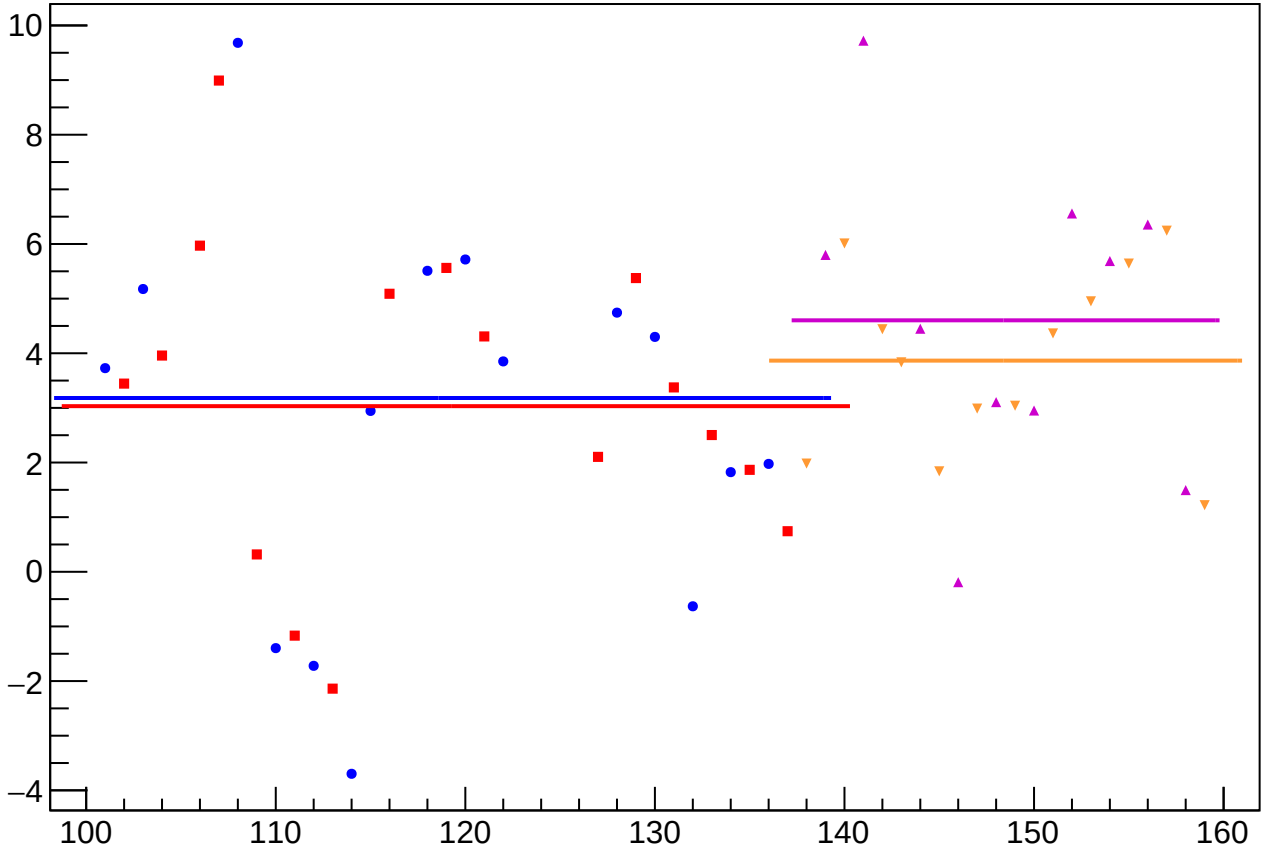
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 9286570178879 8

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

+ sign 3.582+/-0.000 χ^2/NDF: 8509208025982229 3

Left Out: 3.865+/-0.000 χ^2/NDF:24980217924245428172142045781032 96.0/11

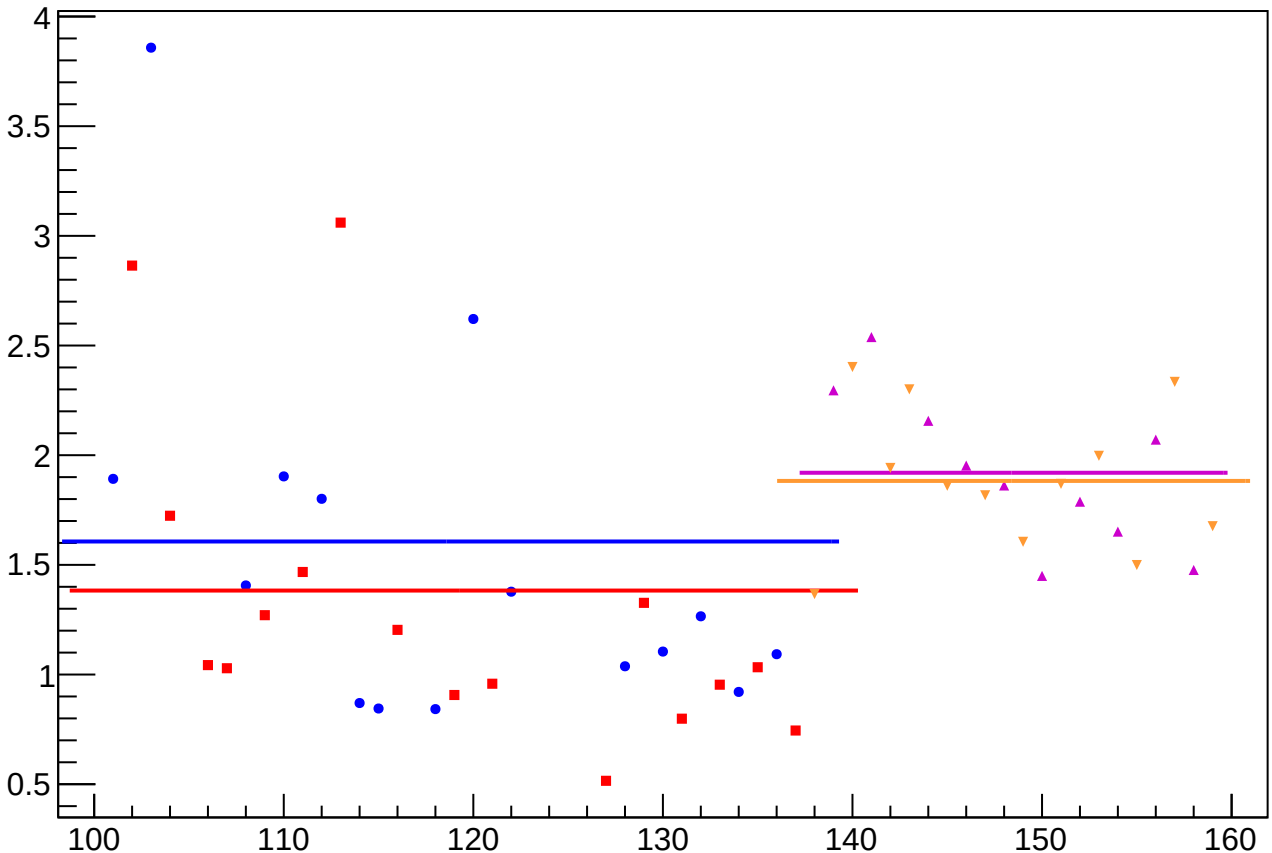
All: 3.744+/-0.000 χ^2/NDF: 2060645257278 7

Right Out: 3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

- sign 3.912+/-0.000 χ^2/NDF: 12013201057372803

Left In: 4.603+/-0.000 χ^2/NDF:61535610264181142377738689262387 20.0/9

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Left Out: 1.883+/-0.000 χ^2/NDF:939810745919022451680223135006 72.0/11

Right Out: 1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

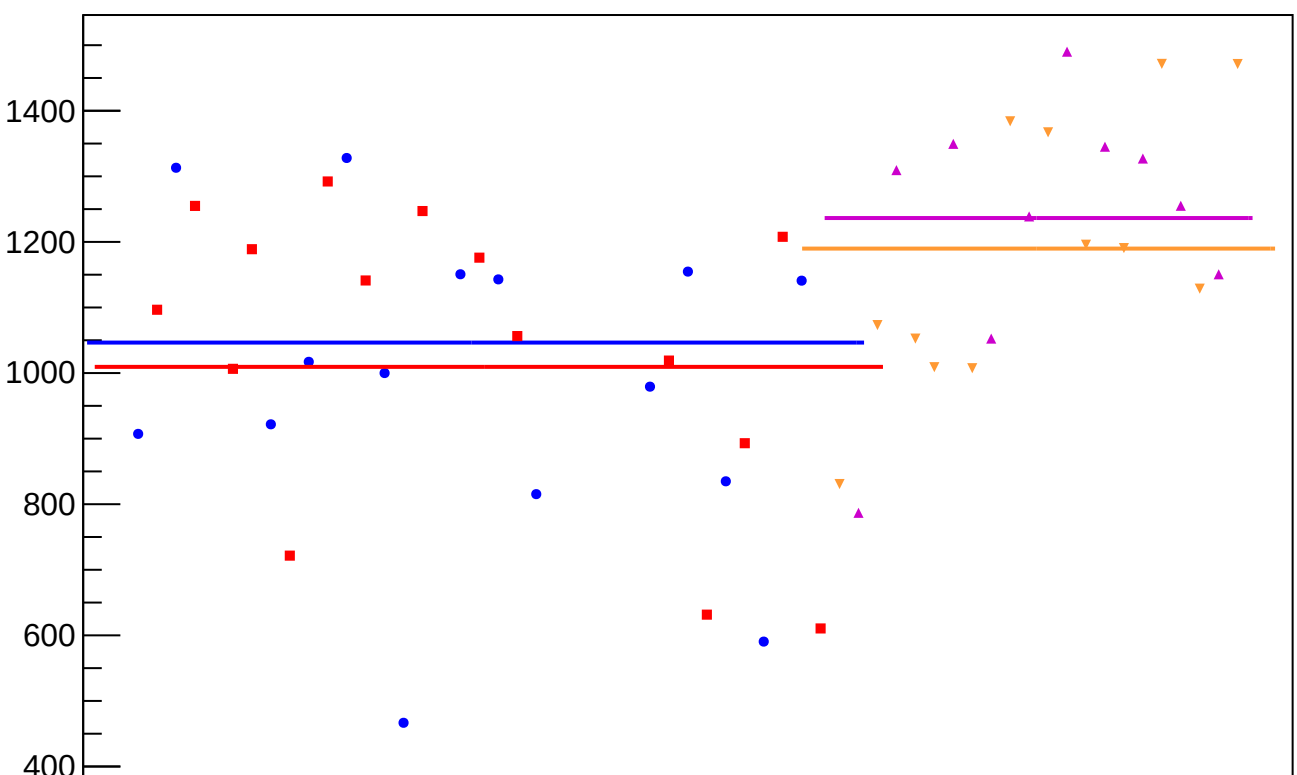
Left In: 1.920+/-0.000 χ^2/NDF:951176314592357891720809440 87040.0/9

+ sign 1.768+/-0.000 χ^2/NDF: 5839052238155533 6

All: 1.727+/-0.000 χ^2/NDF: 1150660925035 1

- sign 1.684+/-0.000 χ^2/NDF: 5612569744424511 6

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

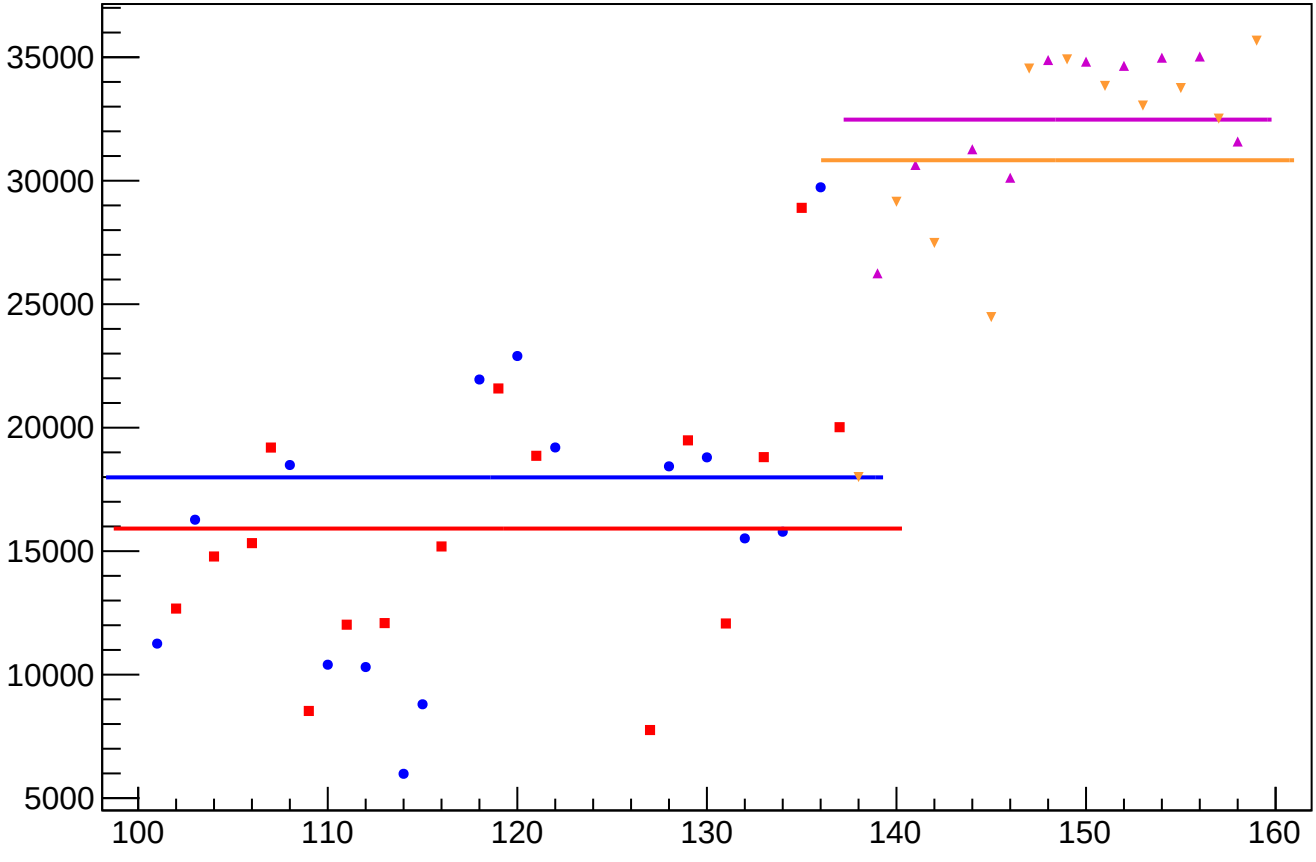
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

+ sign 25269.499+/-0.000 χ^2/NDF: 1087212427232

Left Out: 30828.996+/-0.000 χ^2/NDF:2322594180406193491319520532167112681062 4.0/10

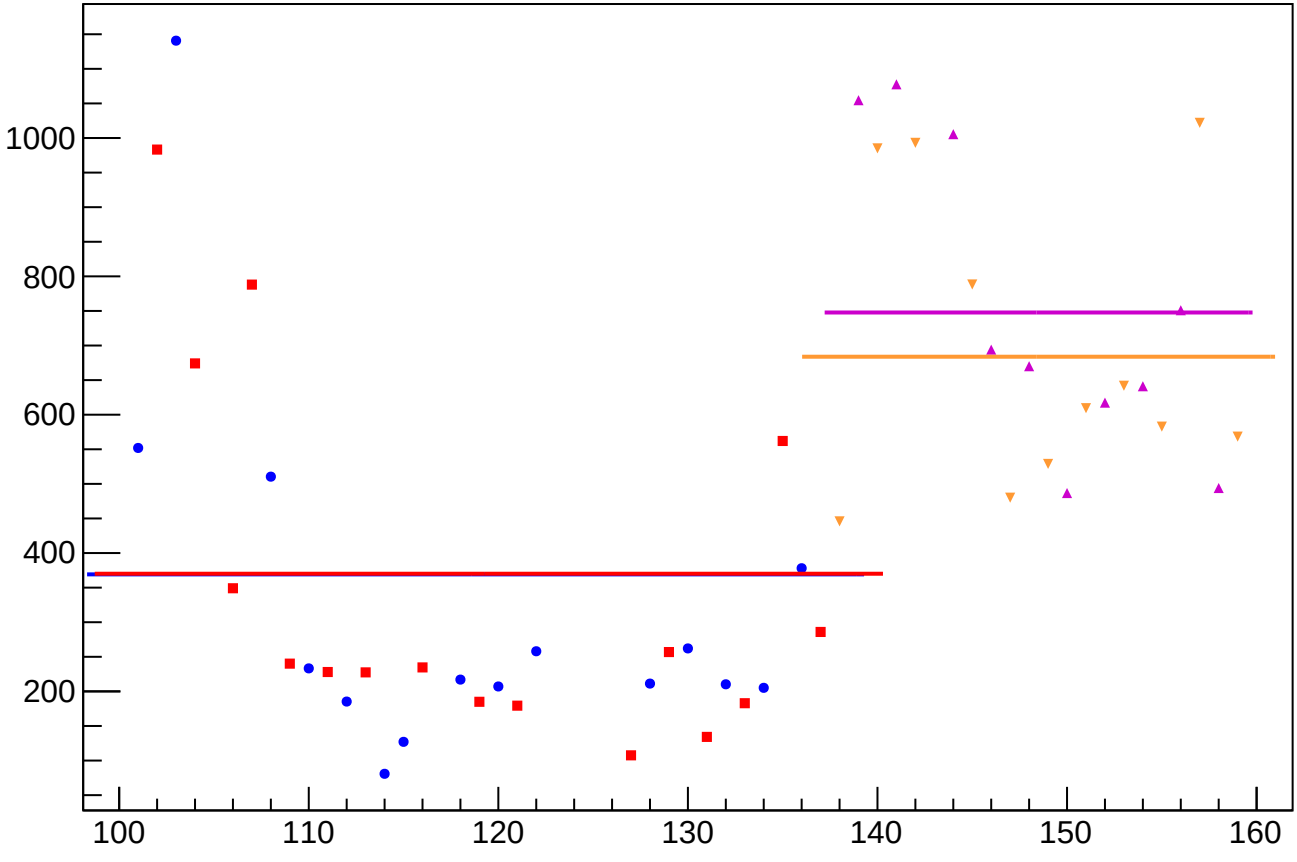
All: 25231.223+/-0.000 χ^2/NDF: 2377140403

Right Out: 15915.227+/-0.000 χ^2/NDF: 1995418967470595270704228741608722399232 0.0/15

- sign 25193.401+/-0.000 χ^2/NDF: 1289884314274

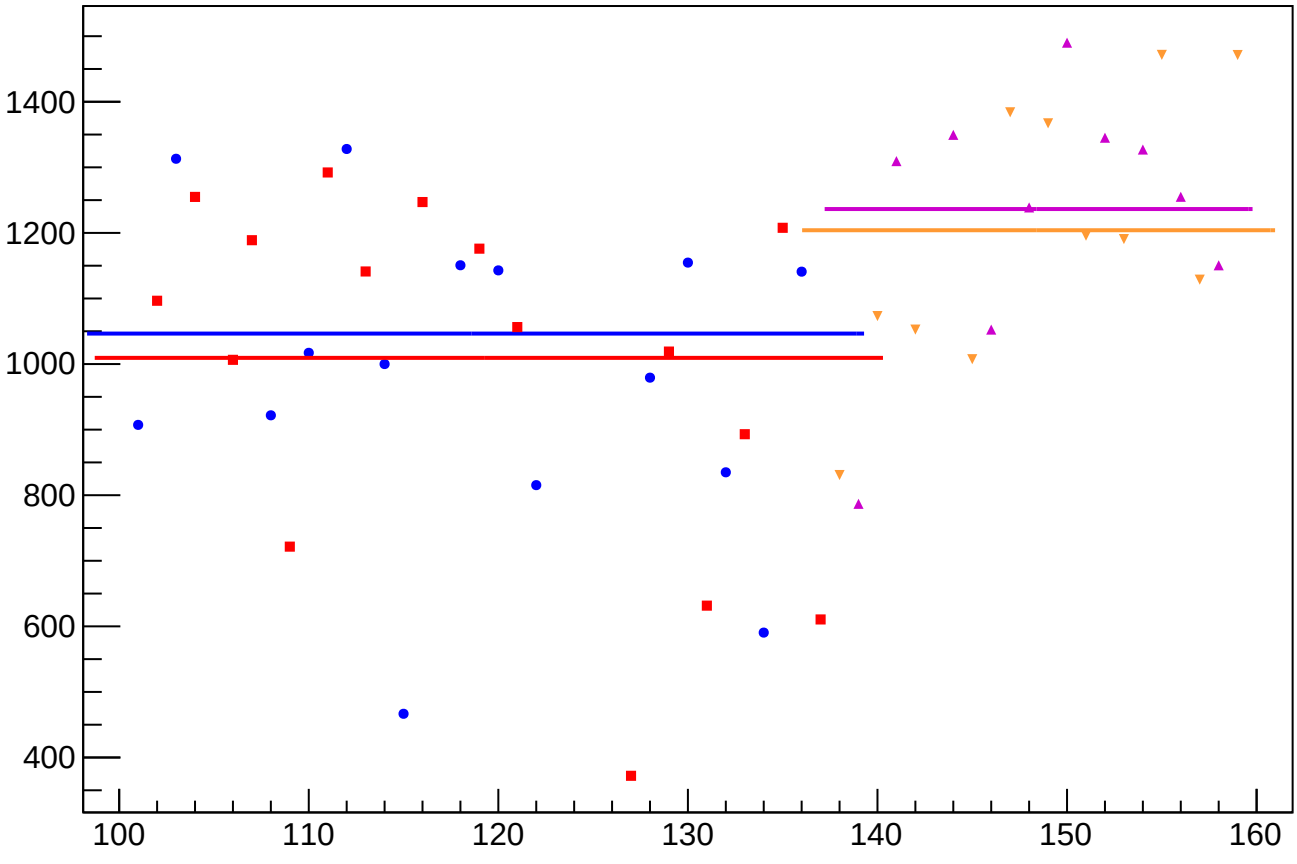
Left In: 32474.038+/-0.000 χ^2/NDF:6559348647305514540891719425960259354624.0/9

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14
+ sign 547.589+/-0.000 χ^2/NDF: 11837711828829 4
Left Out: 683.818+/-0.000 χ^2/NDF:3388921332785932535864706997797519360 0.0/10
All: 564.746+/-0.000 χ^2/NDF: 2582184241 09
Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15
- sign 581.700+/-0.000 χ^2/NDF: 13896402647924 3
Left In: 747.750+/-0.000 χ^2/NDF:3744561541490243271891088272274961203 2.0/9

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1204.078+/-0.000 χ^2/NDF:331233757142676462203474342181443993 60.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

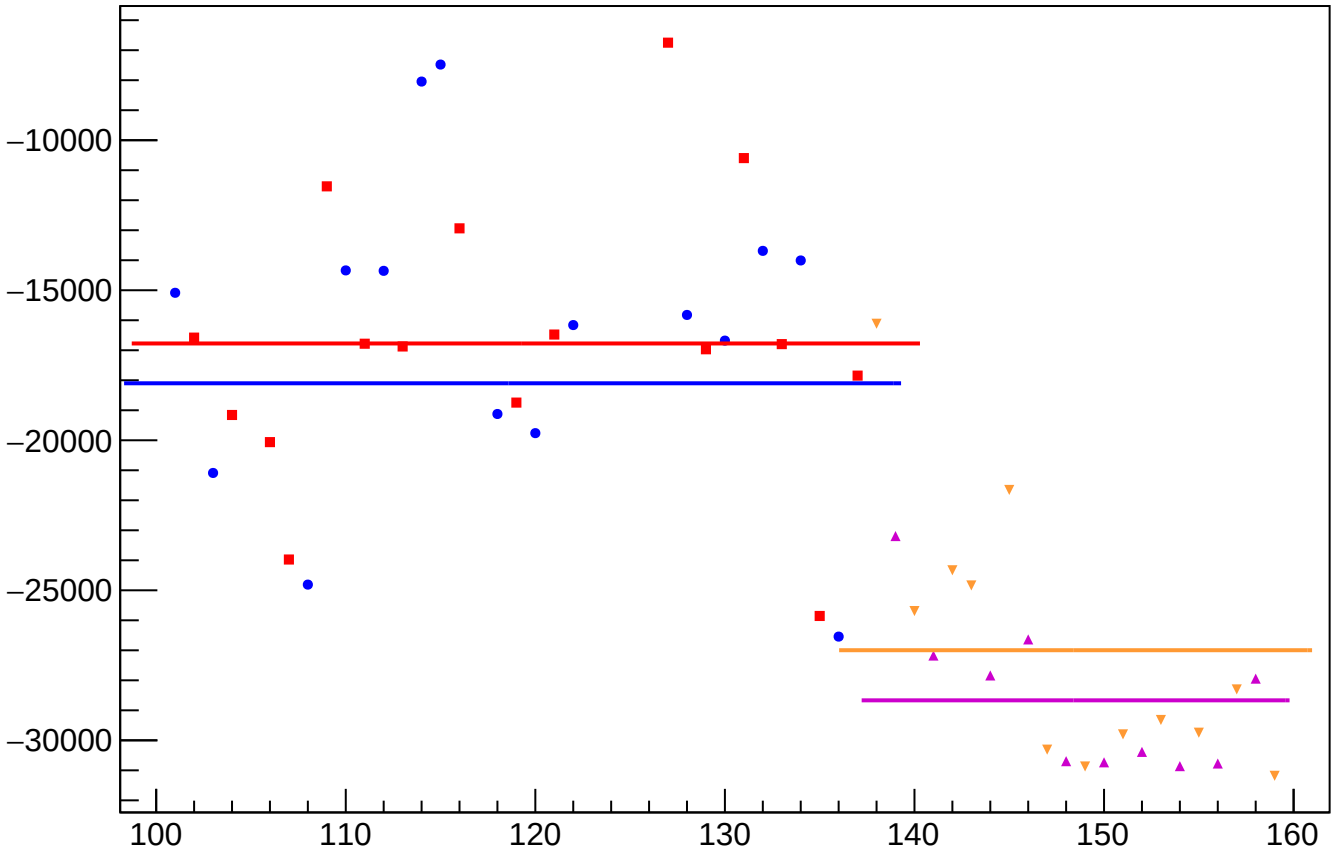
Left In: 1236.408+/-0.000 χ^2/NDF:290112154874794995013928238984839823 36.0/9

+ sign 1135.849+/-0.000 χ^2/NDF: 6712916334673 9

All: 1136.235+/-0.000 χ^2/NDF: 1599953088 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -26996.716+/-0.000 χ^2/NDF:1764633321621440442009639448668150956032 0.0/11

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

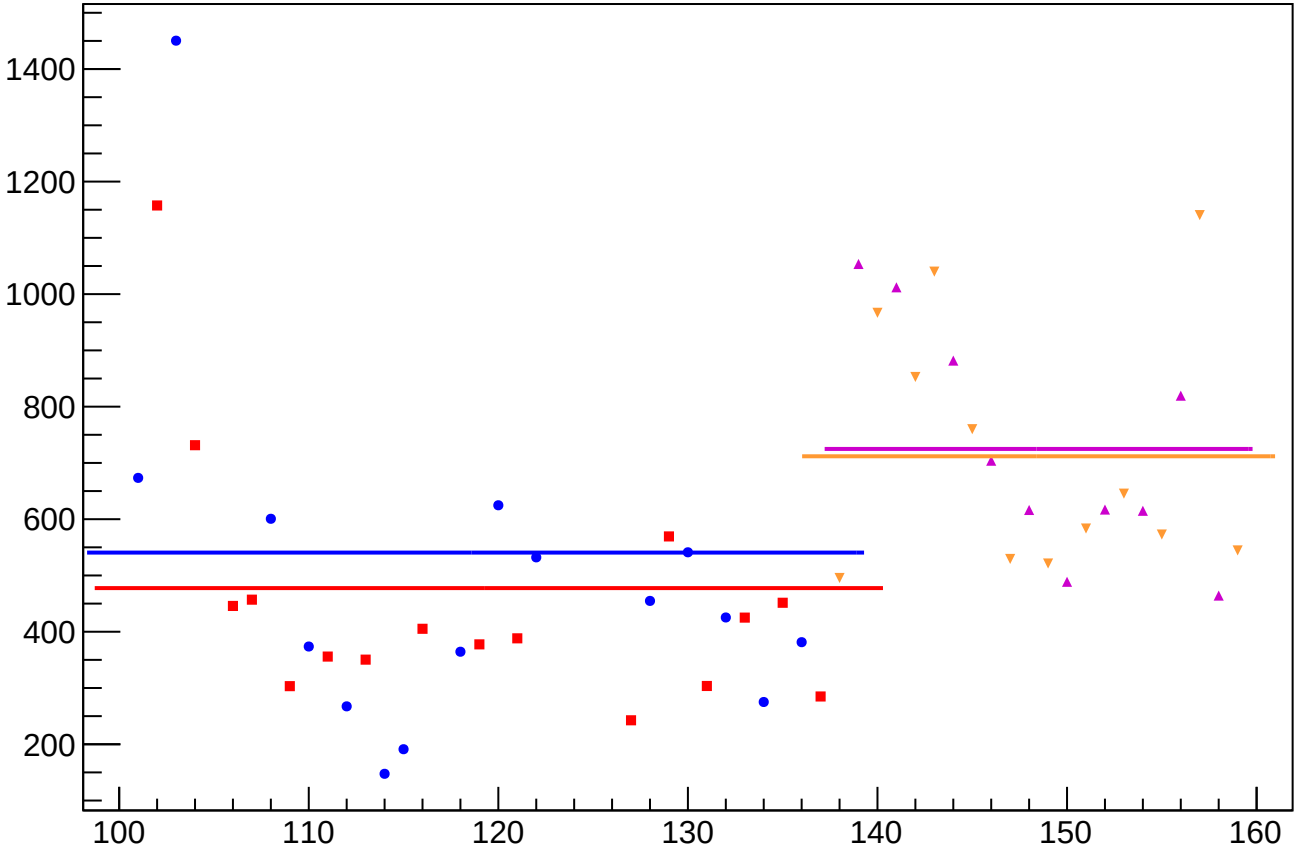
Left In: -28667.116+/-0.000 χ^2/NDF:4835865440118443056134270194868476182528.0/9

+ sign -23309.899+/-0.000 χ^2/NDF: 623572604420

All: -23372.801+/-0.000 χ^2/NDF: 134306622

- sign -23437.734+/-0.000 χ^2/NDF: 719367699125

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 711.811+/-0.000 χ^2/NDF:428867551035359898882784394430424023 04.0/11

Right Out: 477.546+/-0.000 χ^2/NDF: 387983065042969544615371168097606041 60.0/15

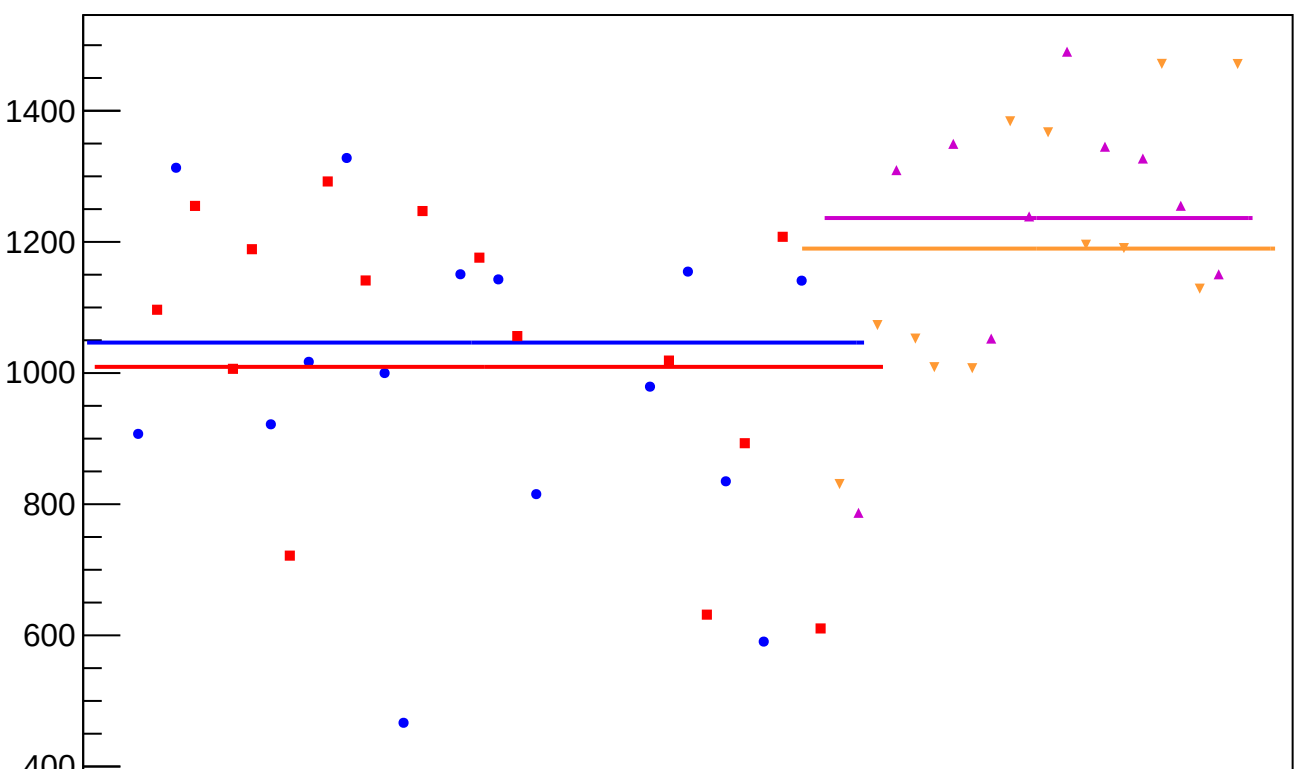
Left In: 724.866+/-0.000 χ^2/NDF:323601796088777681904628058656625131 52.0/9

+ sign 640.881+/-0.000 χ^2/NDF: 118565397303067

All: 628.699+/-0.000 χ^2/NDF: 21305630603

- sign 616.124+/-0.000 χ^2/NDF: 940185999664573

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

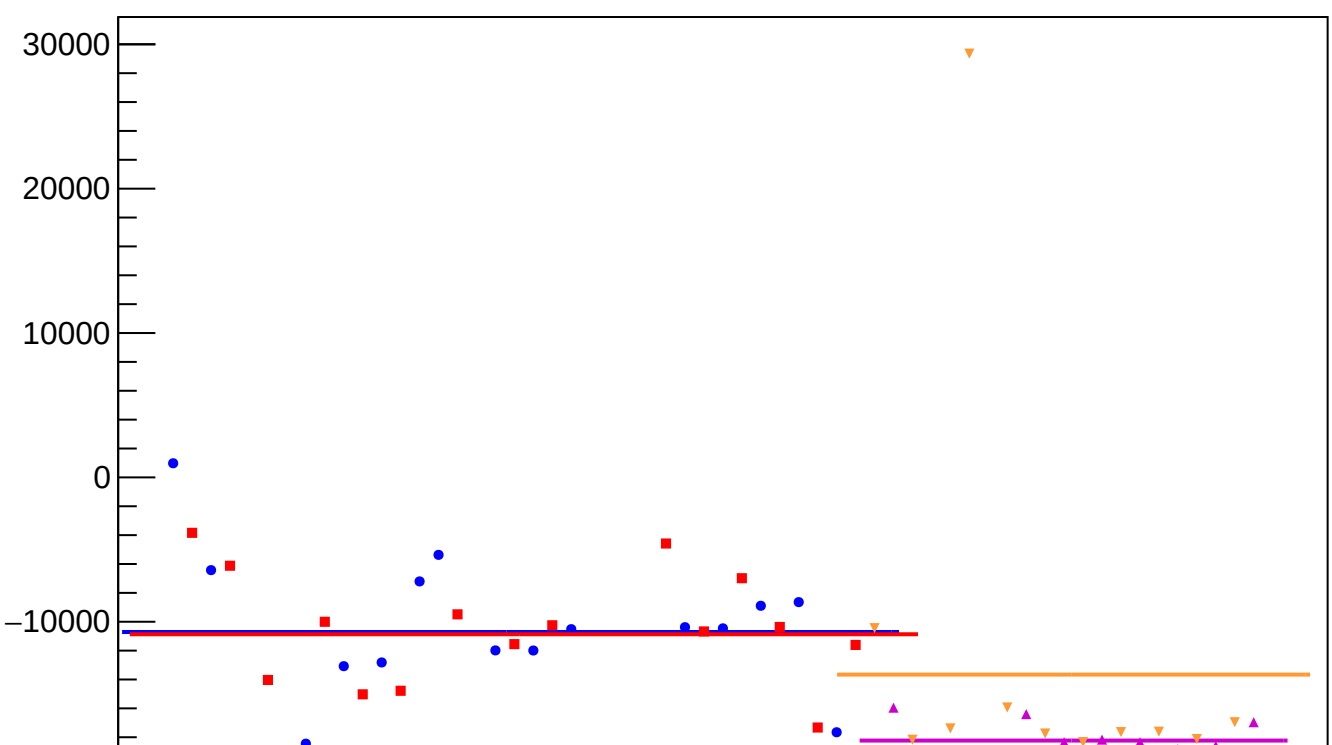
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 9286570178879 8

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 16945226152053511840482618402250170564608.0/14

Left Out: -13660.650+/-0.000 χ^2/NDF:13799689995851160892112632145903795516211 2.0/11

Right Out: -10866.264+/-0.000 χ^2/NDF: 14234762838858382484525901644131626647552.0/15

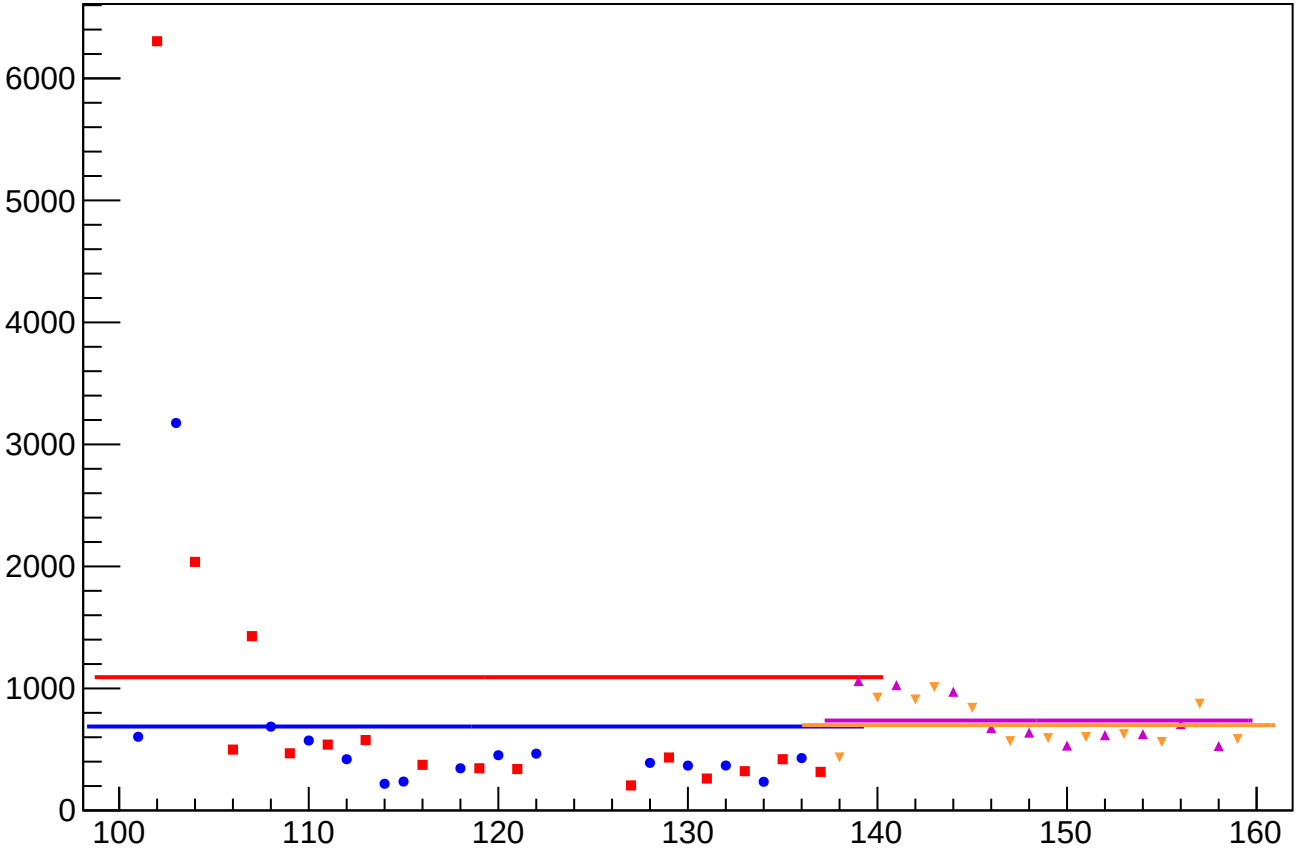
Left In: -18230.344+/-0.000 χ^2/NDF:16183008320271212469152686336052360642 56.0/9

+ sign -12437.928+/-0.000 χ^2/NDF: 158250171839

All: -13694.903+/-0.000 χ^2/NDF: 199398981

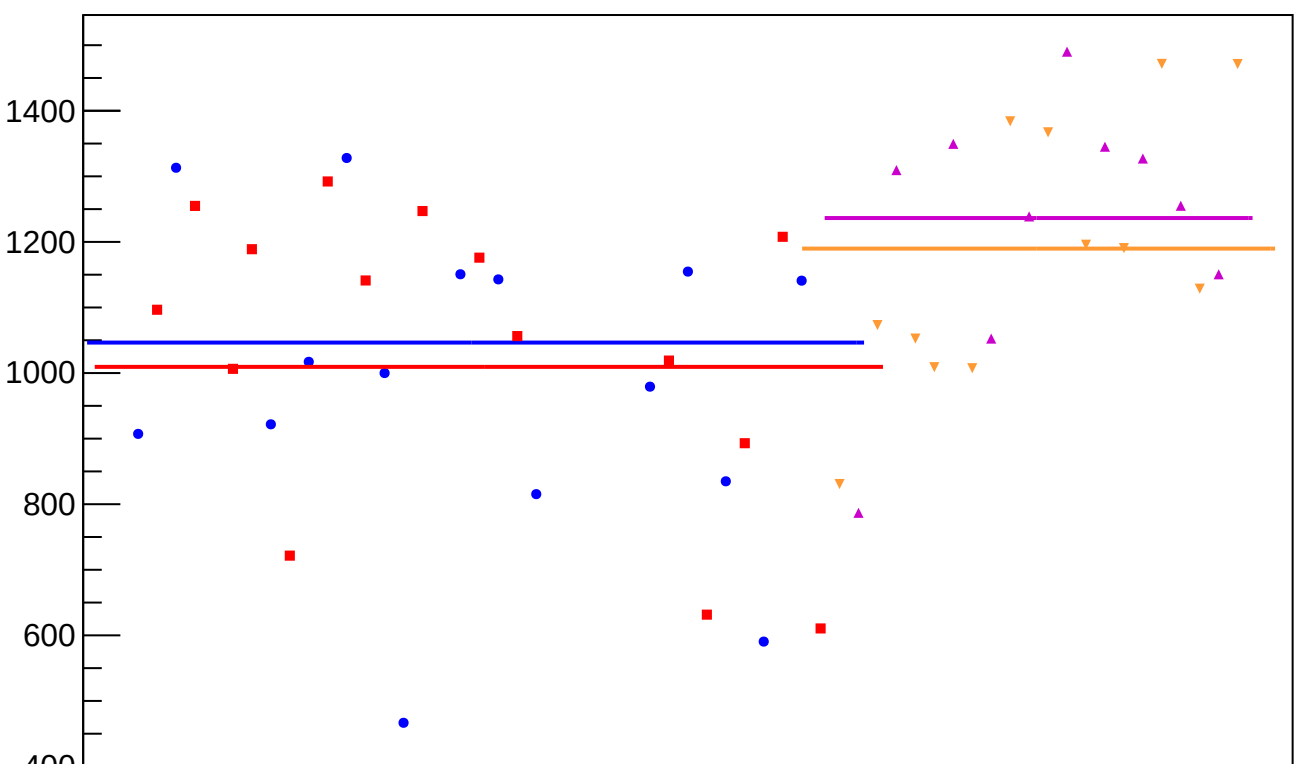
- sign -14992.479+/-0.000 χ^2/NDF: 361203751312 8

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 409297141104301509817753390759024787456.0/14
+ sign 694.726+/-0.000 χ^2/NDF: 437631008003960
Left Out: 699.529+/-0.000 χ^2/NDF:282828131309039092560883962644644495 36.0/11
All: 792.396+/-0.000 χ^2/NDF: 242987756487
Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15
- sign 893.221+/-0.000 χ^2/NDF: 196188627883166
Left In: 737.031+/-0.000 χ^2/NDF:315265542993151346119105338328932679 68.0/9

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

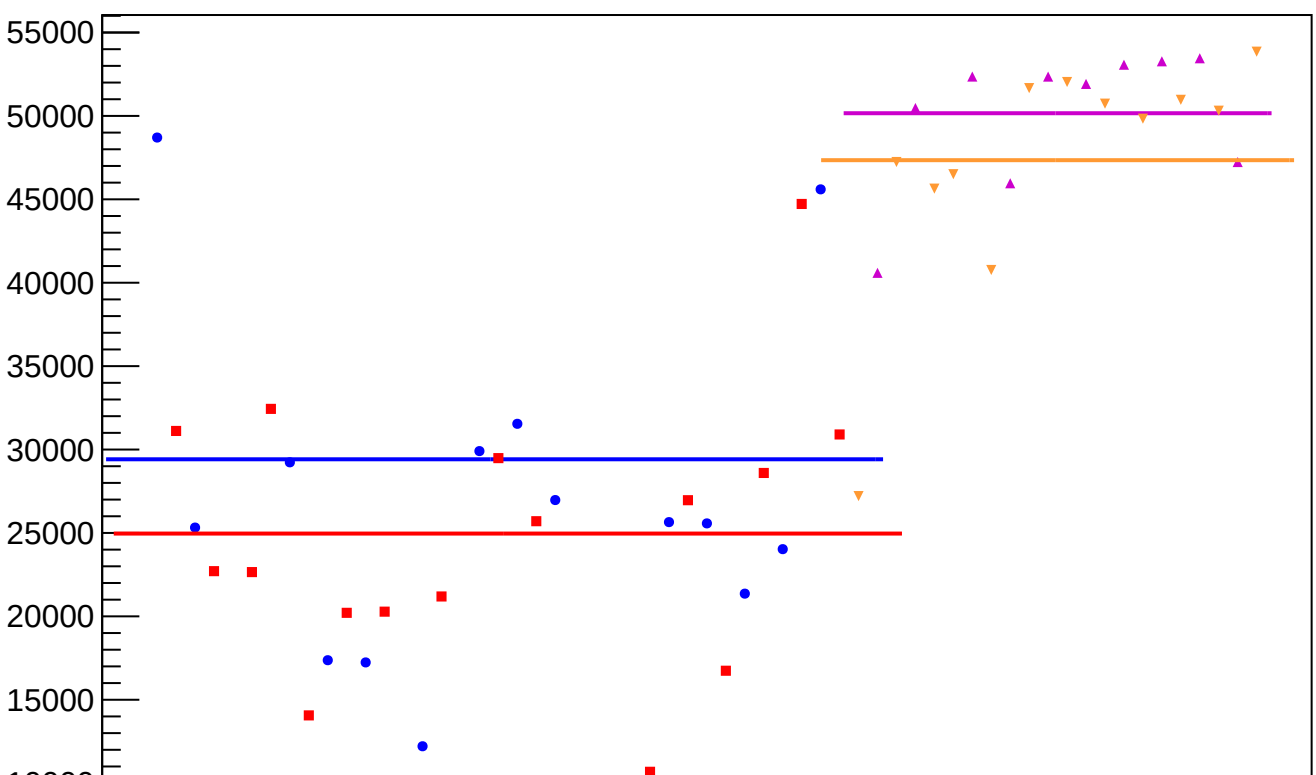
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 9286570178879 8

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

+ sign 39915.469+/-0.000 χ^2/NDF: 2391113044287

Left Out: 47346.512+/-0.000 χ^2/NDF:4516187384513847129988968550714226769920 0.0/11

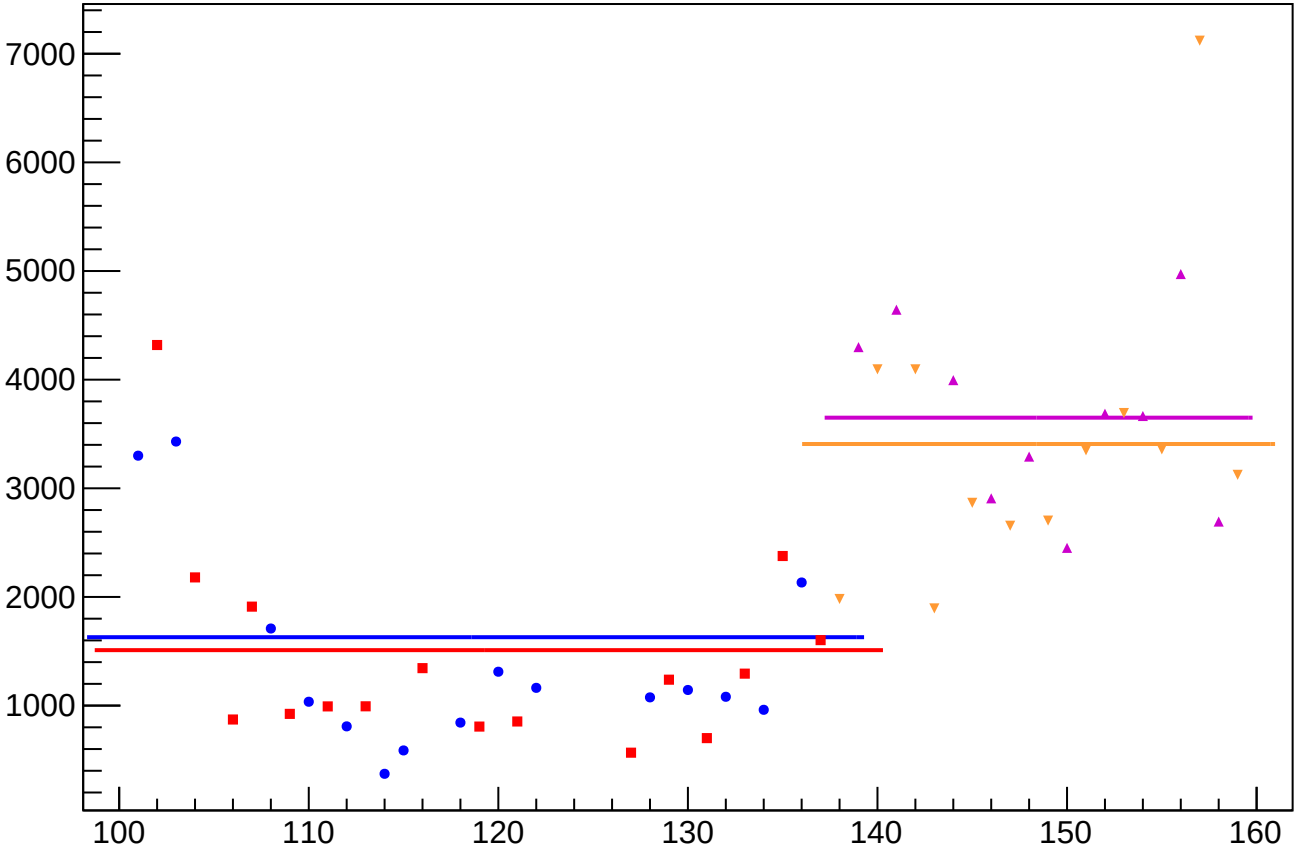
All: 39505.441+/-0.000 χ^2/NDF: 535748582 6

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

- sign 39082.169+/-0.000 χ^2/NDF: 2961022122006

Left In: 50161.555+/-0.000 χ^2/NDF:1316387919728548291366034038092051408486 4.0/9

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3407.741+/-0.000 χ^2/NDF:1584870057929033939797166763050451075072.0/11

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

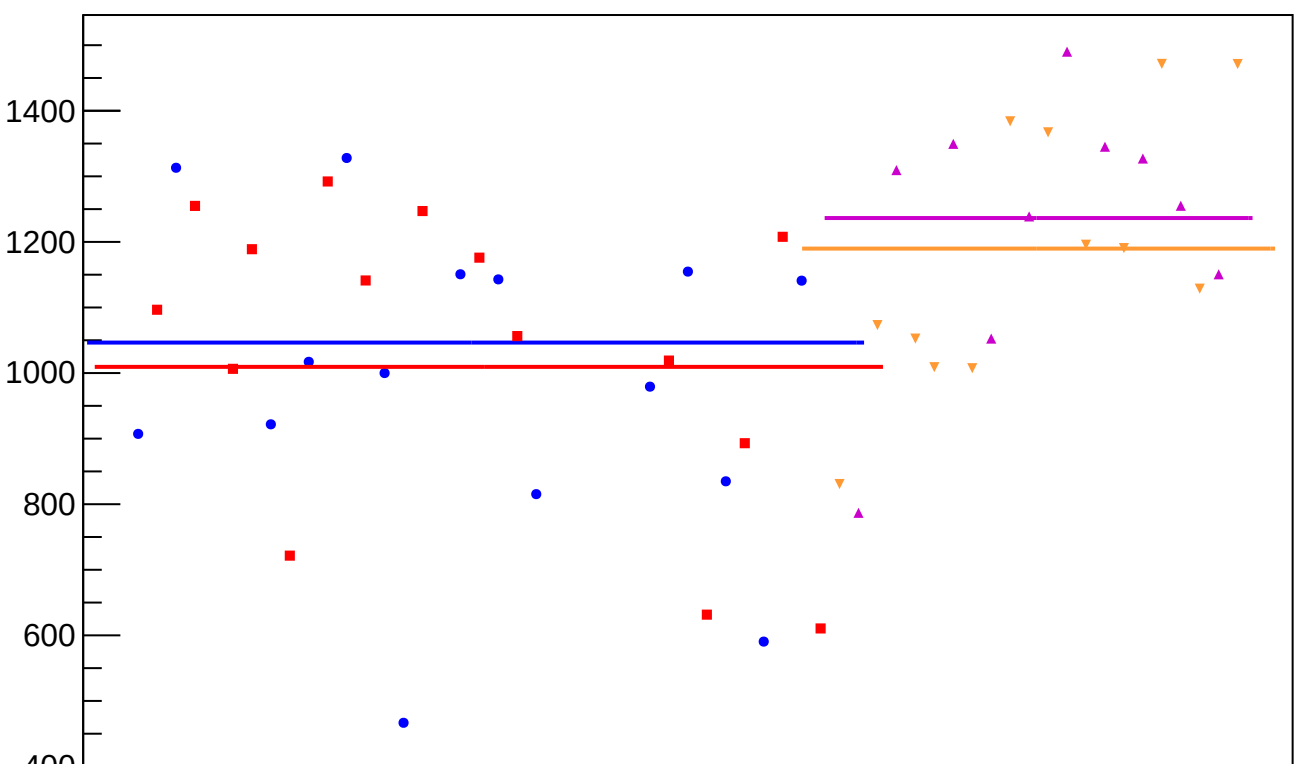
Left In: 3650.096+/-0.000 χ^2/NDF:5299761849628688652010680842022824181 76.0/9

+ sign 2670.799+/-0.000 χ^2/NDF: 3338273124940 1

All: 2689.724+/-0.000 χ^2/NDF: 6268845035 3

- sign 2709.260+/-0.000 χ^2/NDF: 2929432086349 4

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

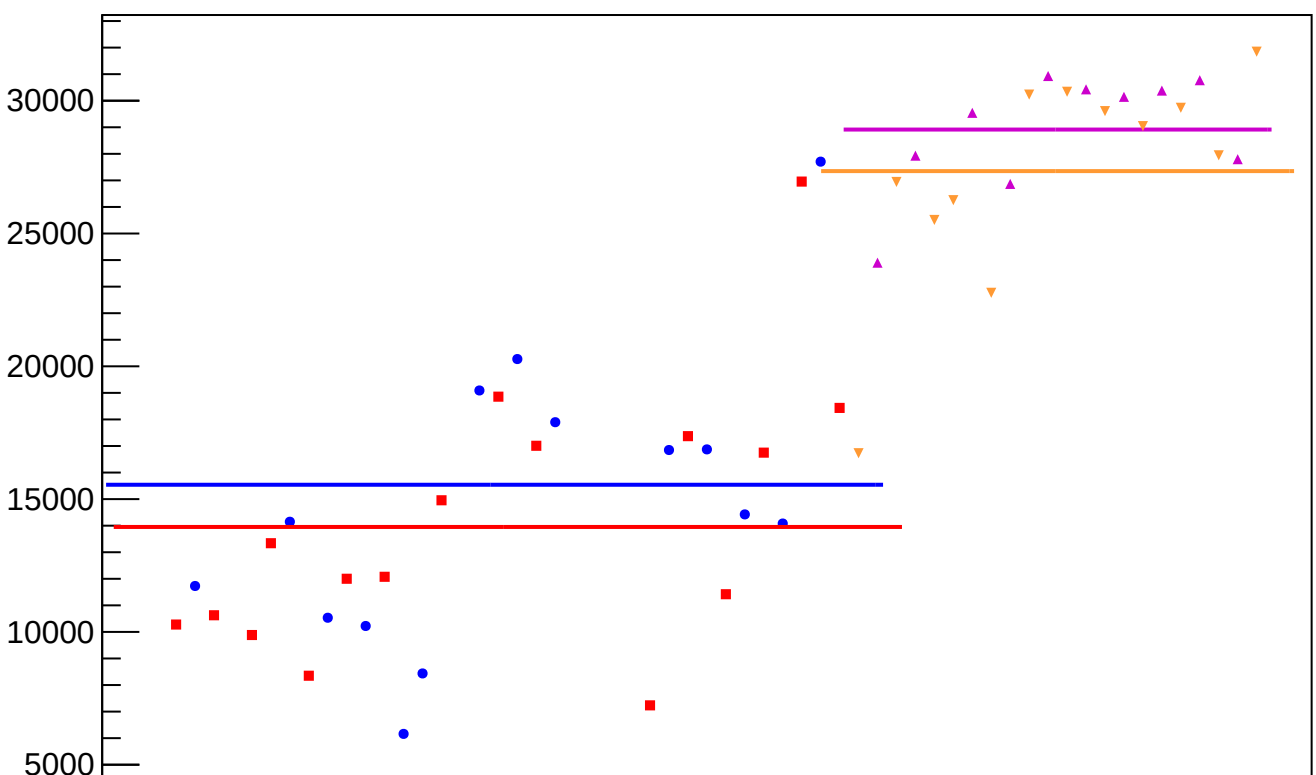
All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1136.616+/-0.000 χ^2/NDF: 9286570178879 8

Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

Left Out: 27349.847+/-0.000 χ^2/NDF:1488345691738606226777617231939371008000 0.0/11

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

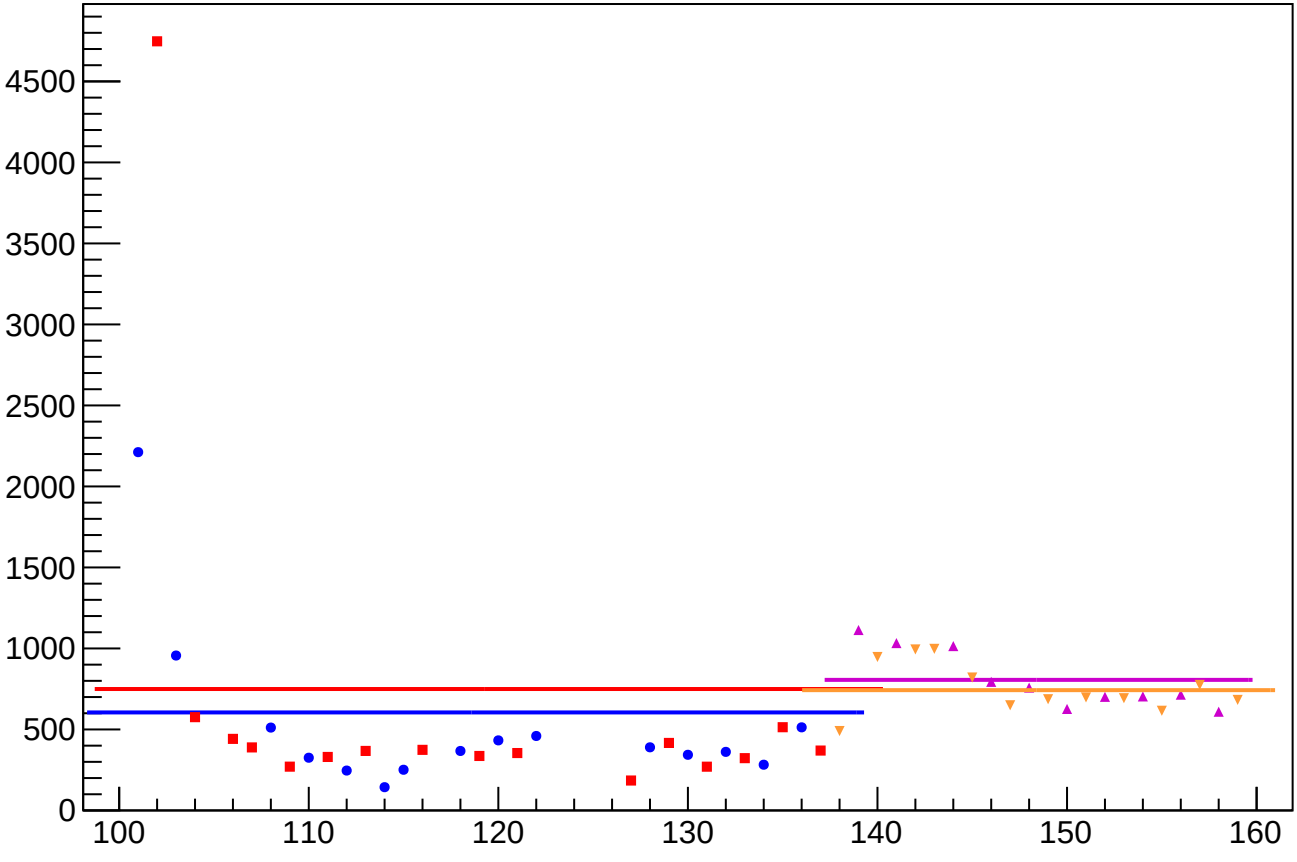
Left In: 28914.284+/-0.000 χ^2/NDF:3750544409376068216865789166292347912192.0/9

+ sign 22455.798+/-0.000 χ^2/NDF: 952642940002 0

All: 22396.618+/-0.000 χ^2/NDF: 199649457 4

- sign 22335.525+/-0.000 χ^2/NDF: 1043740168998

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14

+ sign 685.557+/-0.000 χ^2/NDF: 215721008292600

Left Out: 742.547+/-0.000 χ^2/NDF:191330728406604744374850497810530304 00.0/11

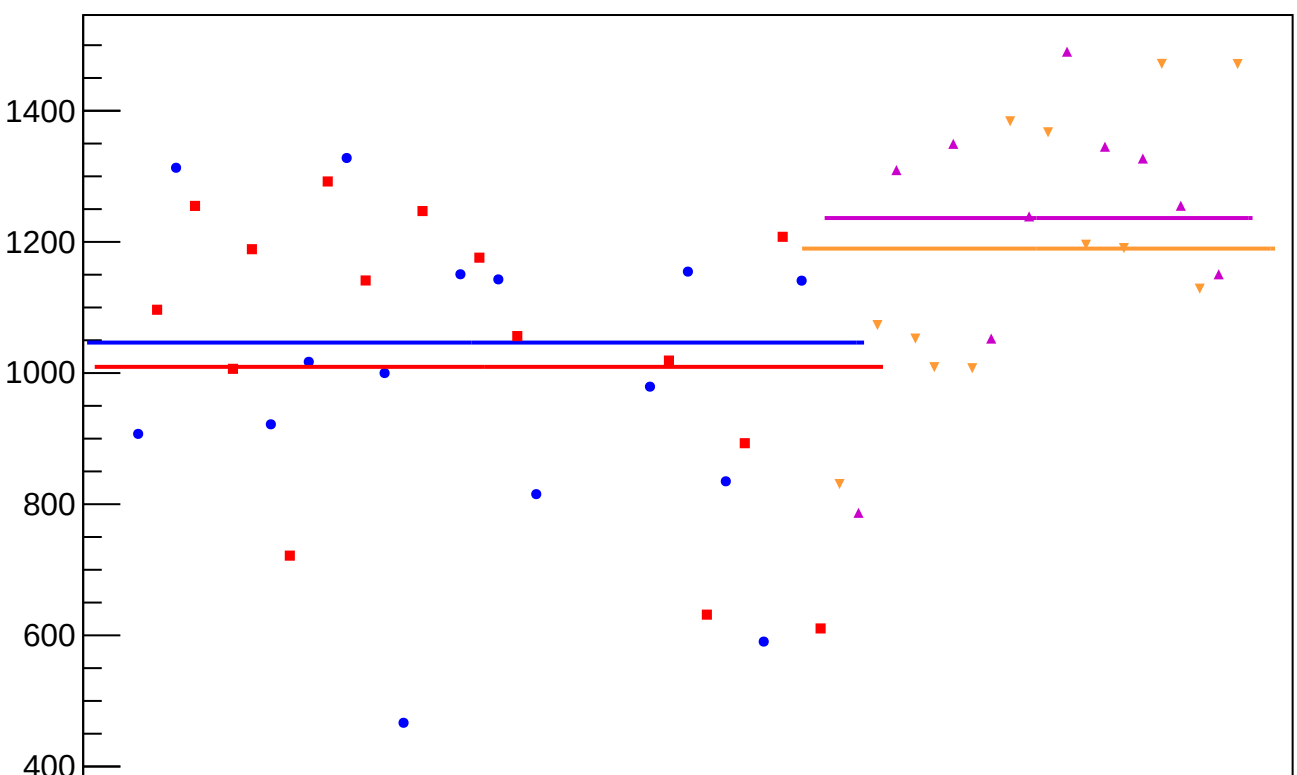
All: 732.629+/-0.000 χ^2/NDF: 12700617072 0

Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15

- sign 781.220+/-0.000 χ^2/NDF: 104728907887204

Left In: 806.047+/-0.000 χ^2/NDF:247387737193938613760010391818998906 88.0/9

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

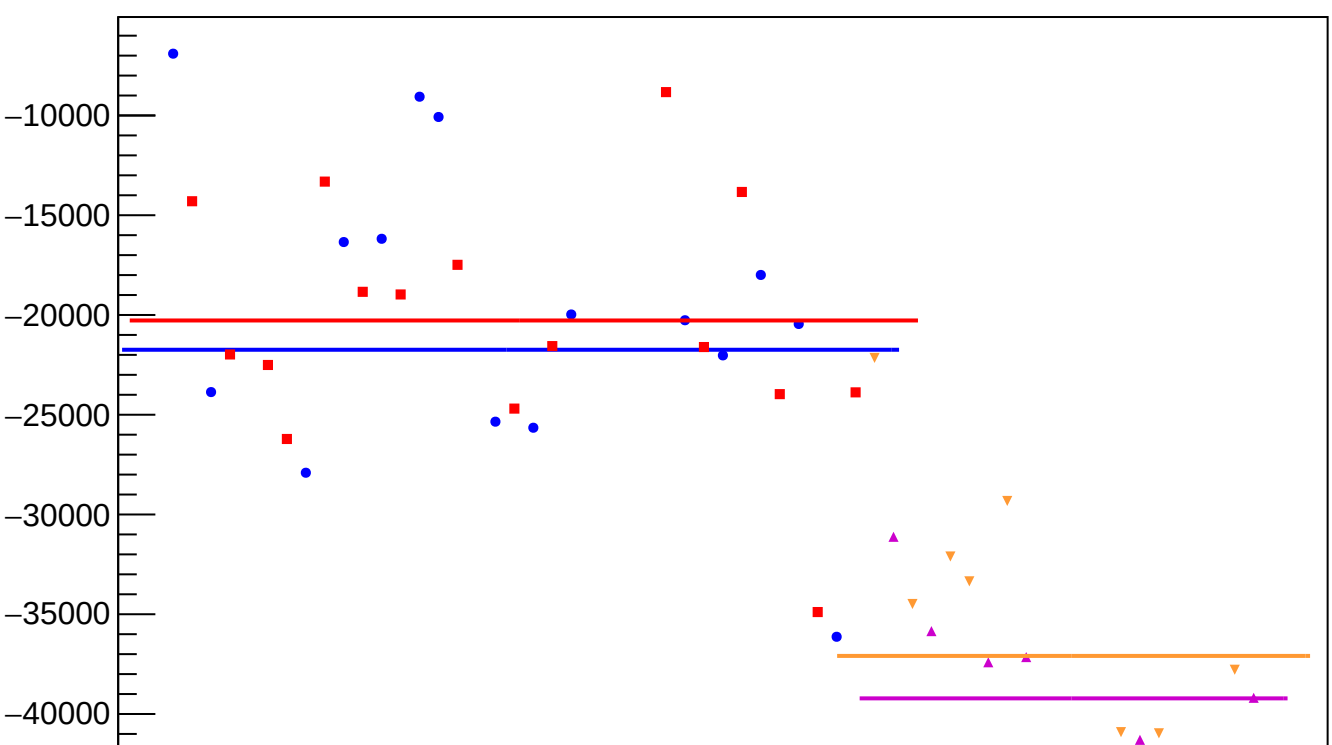
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Left Out: -37089.024+/-0.000 χ^2/NDF:37696615174692315635920208068597564571648.0/11

Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

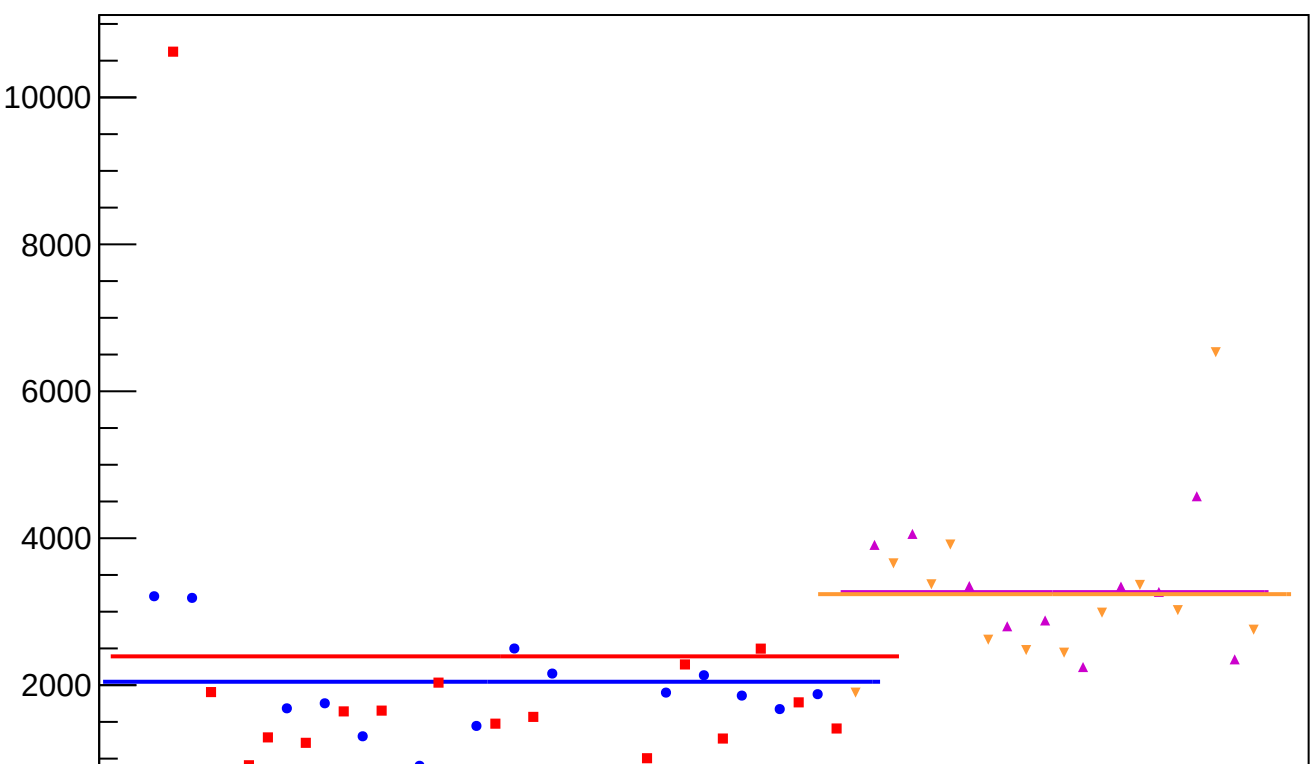
Left In: -39217.223+/-0.000 χ^2/NDF:10815703752387492493258745309031108182016.0/9

+ sign -30729.295+/-0.000 χ^2/NDF: 168297424494

All: -30807.790+/-0.000 χ^2/NDF: 339160351

- sign -30888.821+/-0.000 χ^2/NDF: 170843317739 8

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2744.544+/-0.000 χ^2/NDF: 20077660522649

Left Out: 3238.684+/-0.000 χ^2/NDF:120093539003484706140361062185464915558 4.0/11

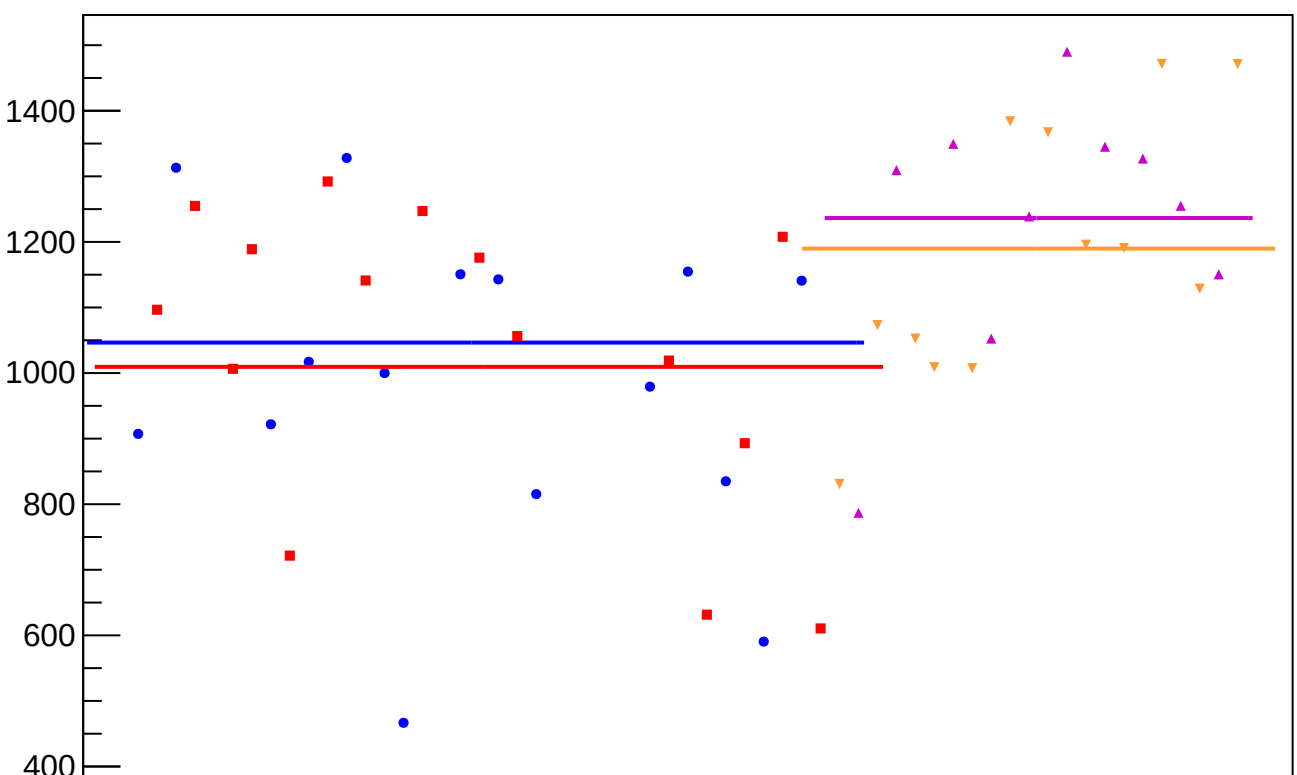
All: 2812.168+/-0.000 χ^2/NDF: 7140595362 5

Right Out: 2391.939+/-0.000 χ^2/NDF: 44152949647897788152593575445794999819008.0/15

- sign 2881.977+/-0.000 χ^2/NDF: 51182753818087

Left In: 3266.512+/-0.000 χ^2/NDF:41712187645052948971749433537448850227 2.0/9

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

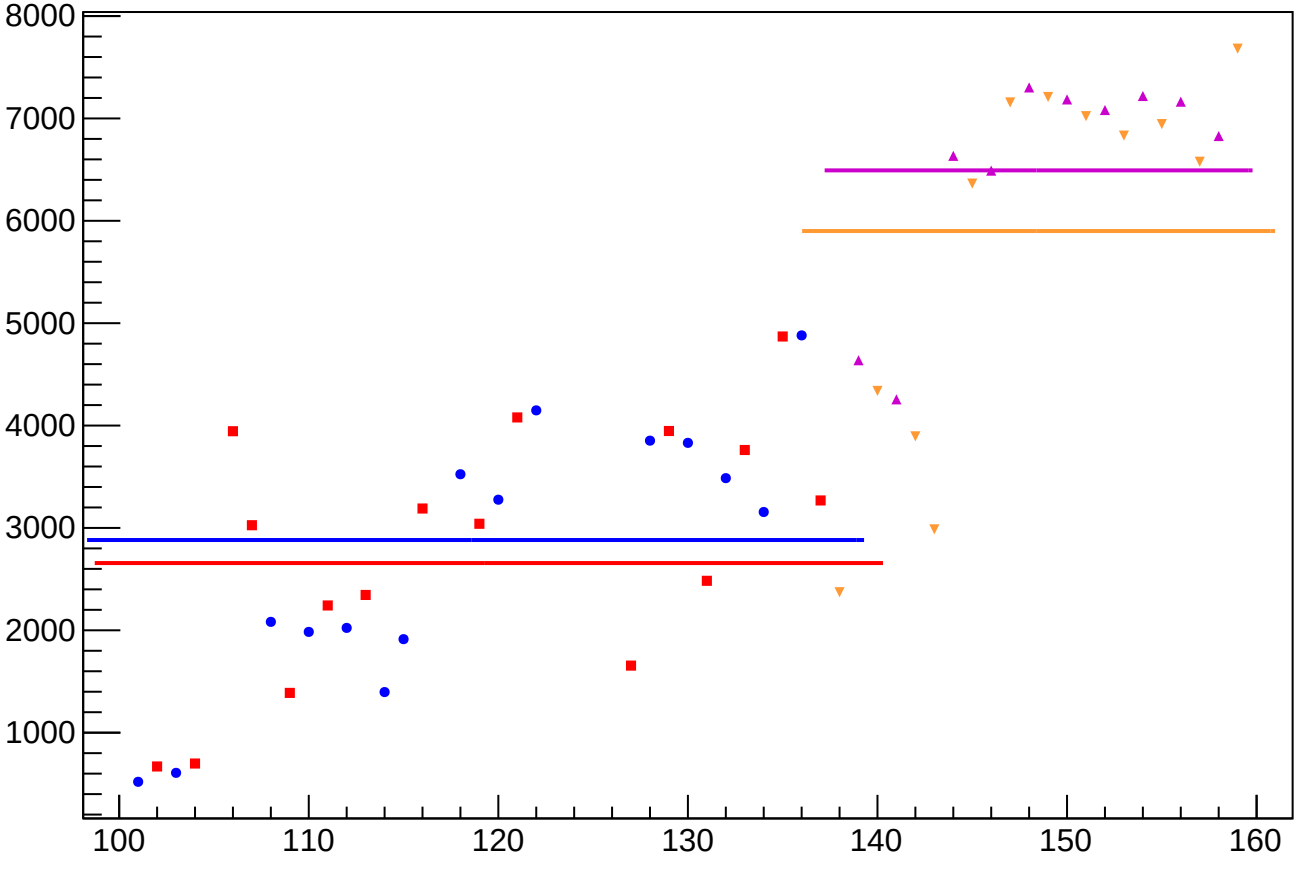
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

Left Out: 5900.145+/-0.000 χ^2/NDF:2757689906494435175416115853599080185856.0/11

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

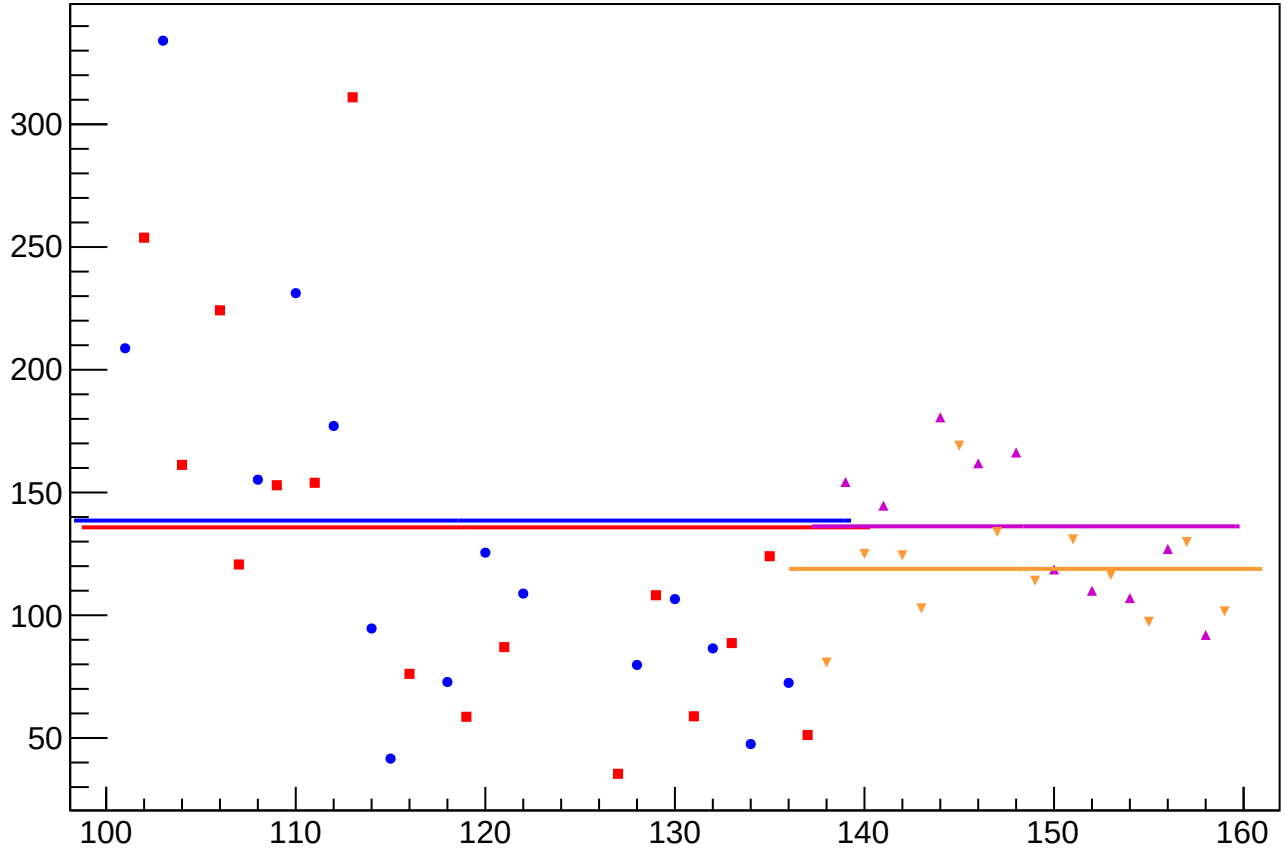
Left In: 6492.695+/-0.000 χ^2/NDF:9268747625557104210353838006613143715 84.0/9

+ sign 4649.303+/-0.000 χ^2/NDF: 75399616653013

All: 4726.488+/-0.000 χ^2/NDF: 1506226553

- sign 4806.167+/-0.000 χ^2/NDF: 75033434379093

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Left Out: 118.892+/-0.000 χ^2/NDF:4413313406022383777987486660878663 68.0/11

Right Out: 135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

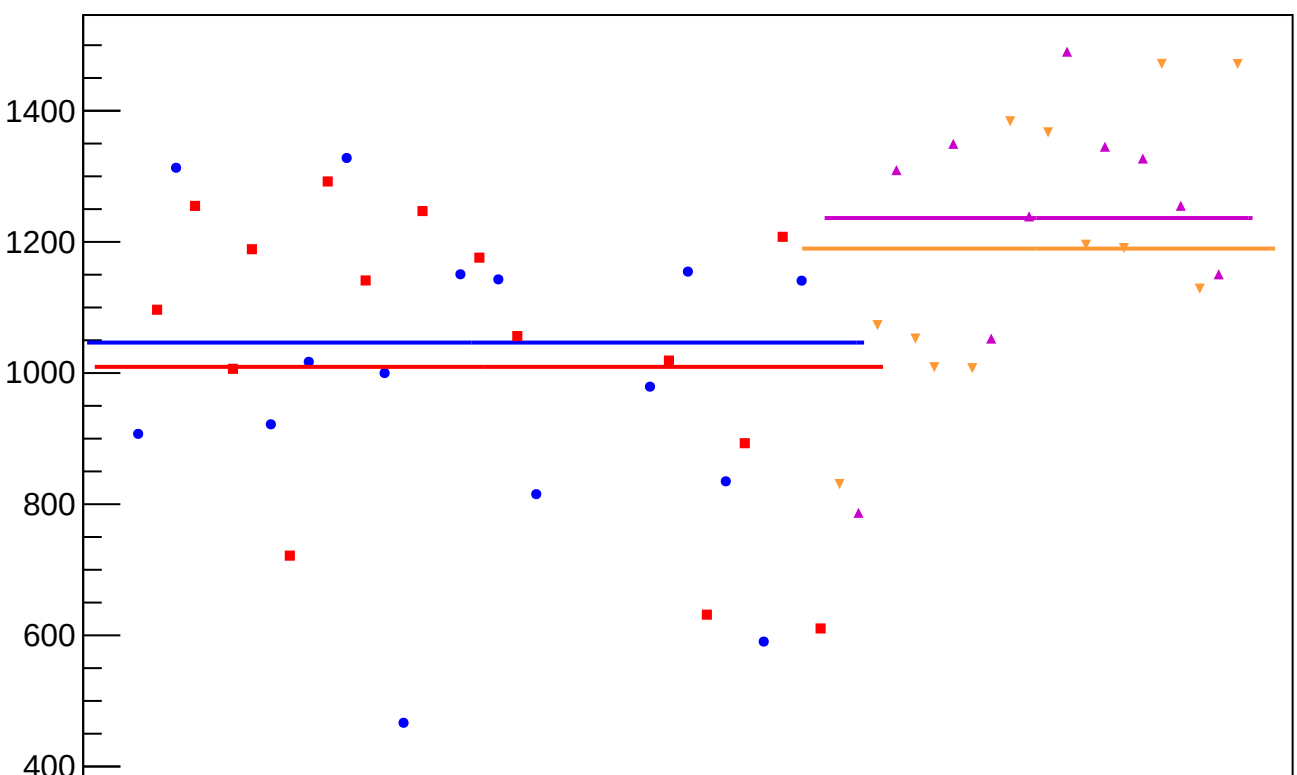
Left In: 136.215+/-0.000 χ^2/NDF:6681134715431295291167323678037770 24.0/9

+ sign 127.050+/-0.000 χ^2/NDF: 48309705520397 5

All: 131.472+/-0.000 χ^2/NDF: 95177735080 4

- sign 136.036+/-0.000 χ^2/NDF: 462457694065716

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

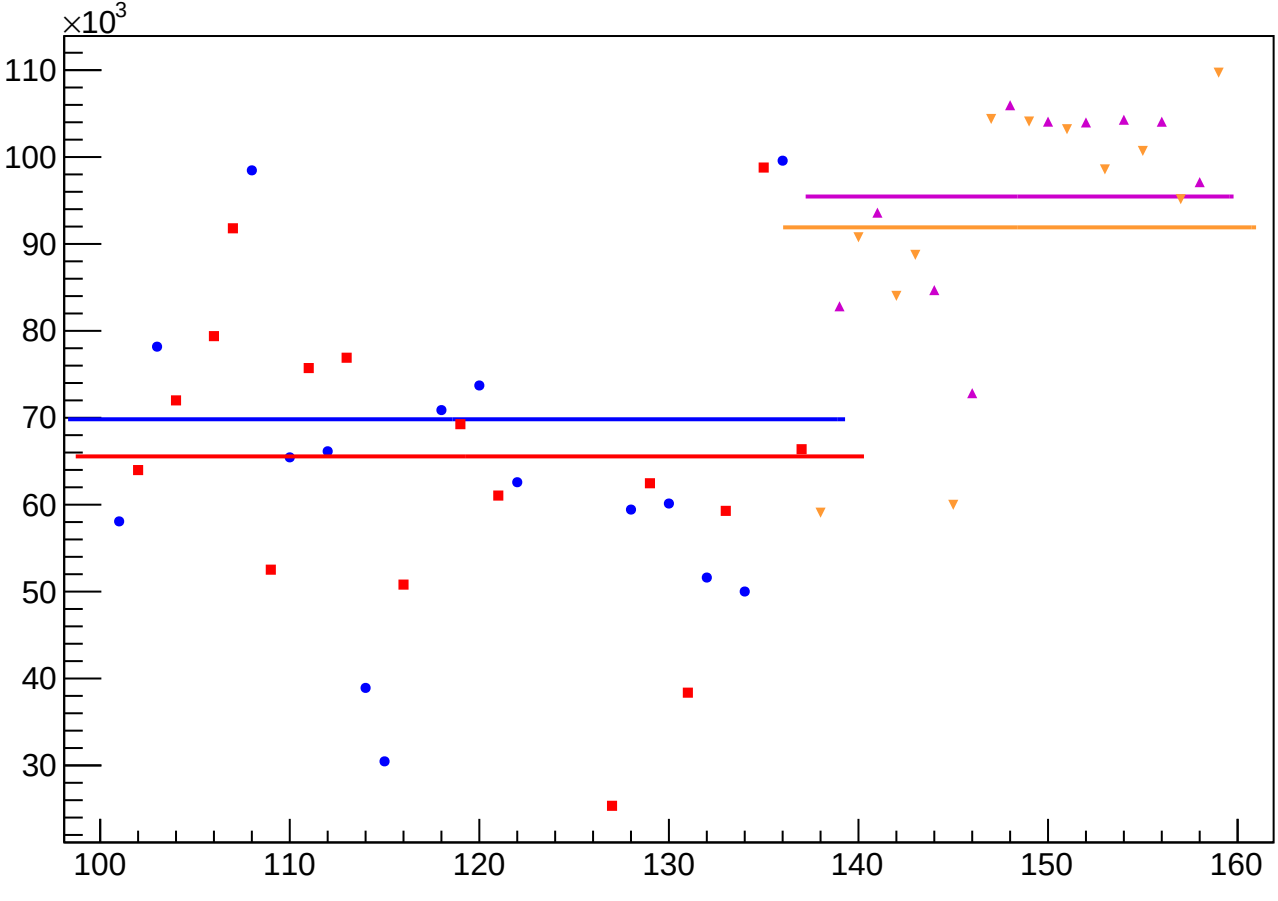
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

+ sign 82757.866+/-0.000 χ^2/NDF: 6138933402345

Left Out: 91909.028+/-0.000 χ^2/NDF:2407928759769109623097518244225138106040 32.0/11

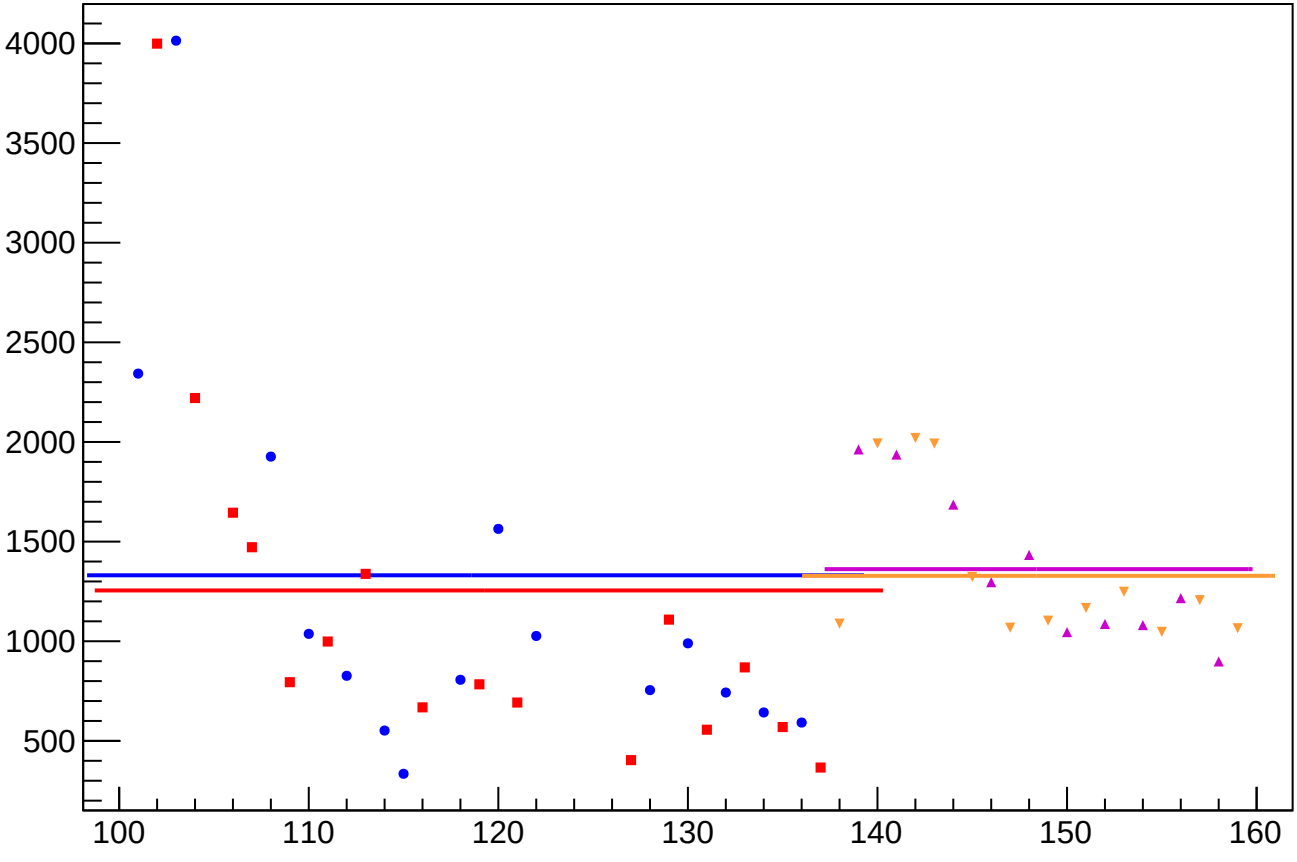
All: 82537.602+/-0.000 χ^2/NDF: 1261708532

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416 73472.0/15

- sign 82310.222+/-0.000 χ^2/NDF: 6476607847607

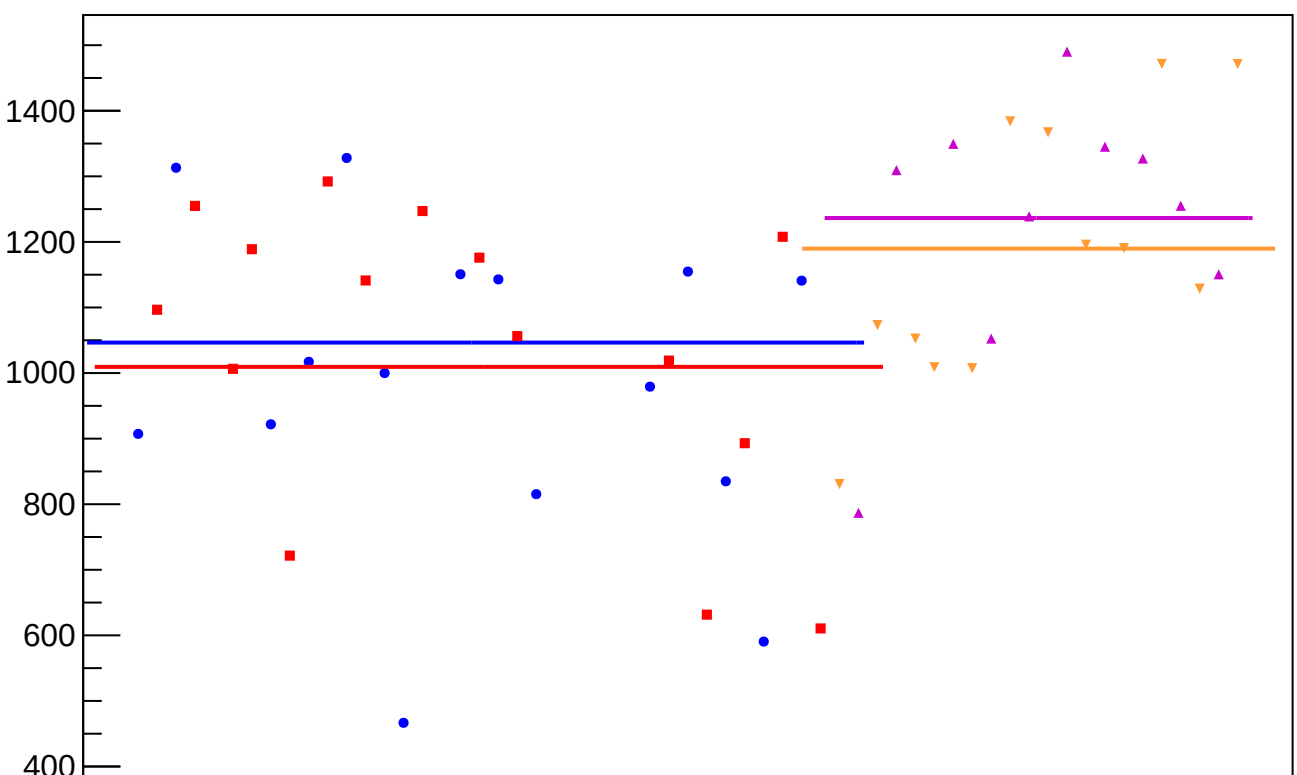
Left In: 95458.028+/-0.000 χ^2/NDF:1014756324030145316752843511401533396 74624.0/9

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
+ sign 1329.406+/-0.000 χ^2/NDF: 7668302139933 9
Left Out: 1328.309+/-0.000 χ^2/NDF:1173462879673869583038597951016235171 84.0/11
All: 1322.234+/-0.000 χ^2/NDF: 1512623392 3
Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15
- sign 1314.830+/-0.000 χ^2/NDF: 7456294526310 3
Left In: 1361.879+/-0.000 χ^2/NDF:1092098886836953418744908845851313438 72.0/9

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

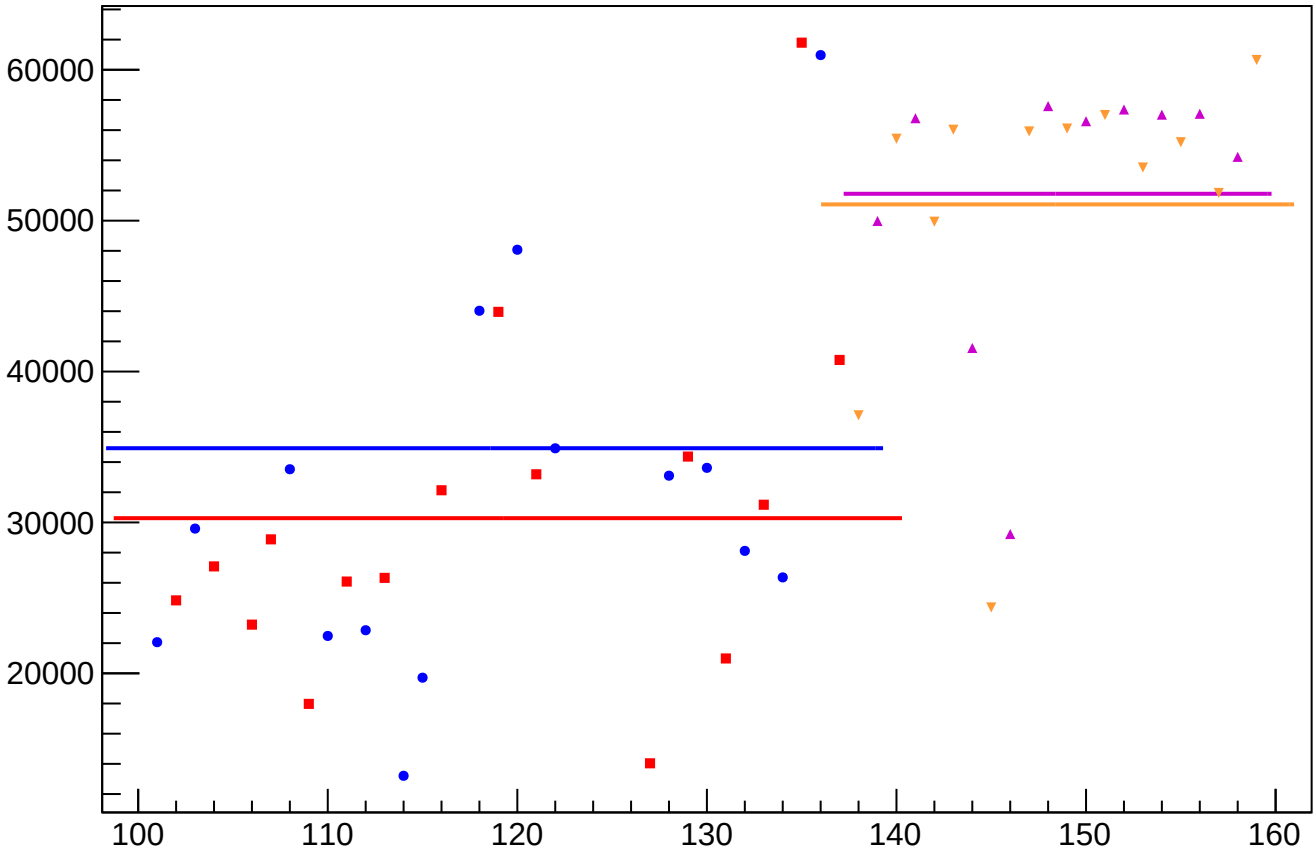
All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1136.616+/-0.000 χ^2/NDF: 9286570178879 8

Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

+ sign 44382.030+/-0.000 χ^2/NDF: 2977932631162

Left Out: 51078.913+/-0.000 χ^2/NDF:921715661836320083674903995531020268994 56.0/11

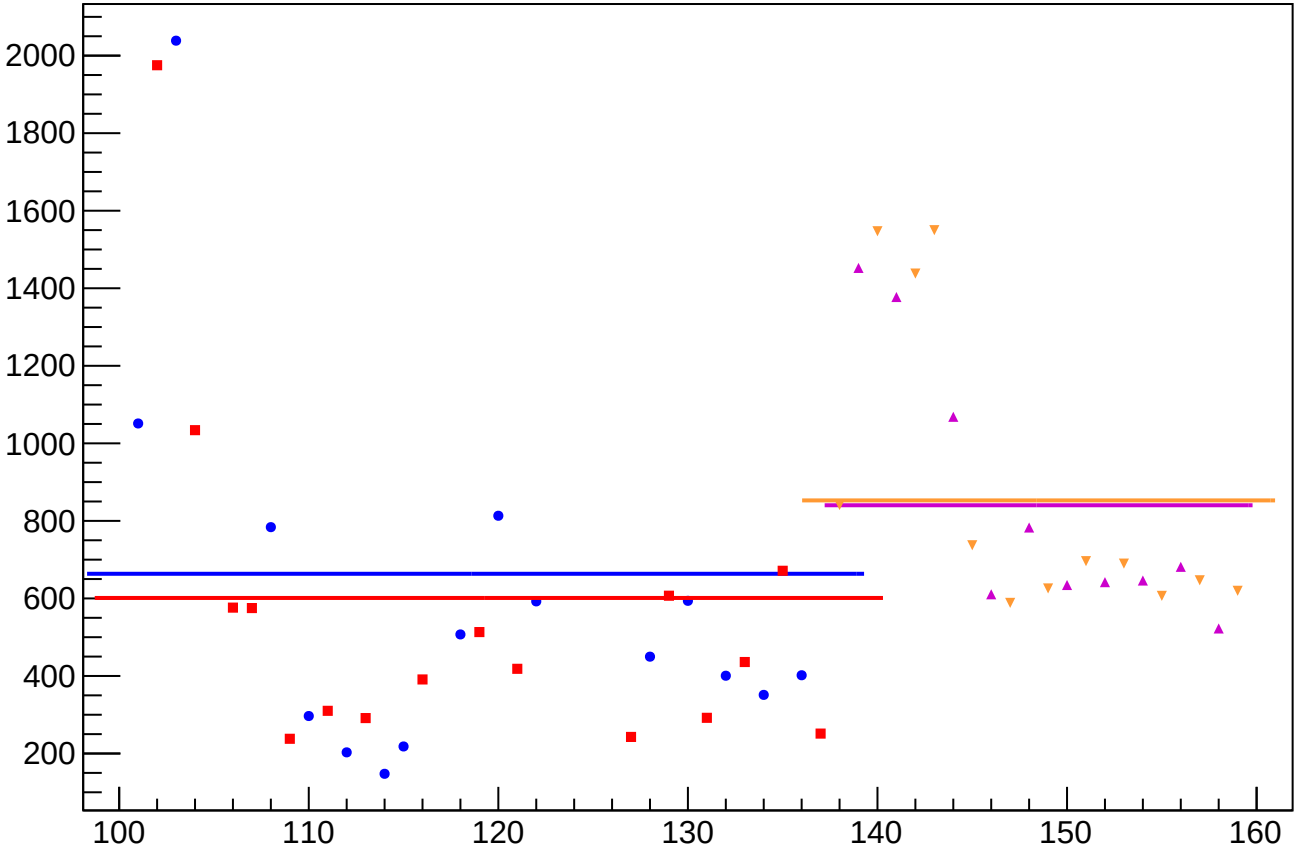
All: 43371.805+/-0.000 χ^2/NDF: 6288715651

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306 7520.0/15

- sign 42328.949+/-0.000 χ^2/NDF: 3278303039750

Left In: 51781.969+/-0.000 χ^2/NDF:6673346504019058293971590803215750686 3104.0/9

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

Left Out: 852.828+/-0.000 χ^2/NDF:1153915211732072672729740664166133268 48.0/11

Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

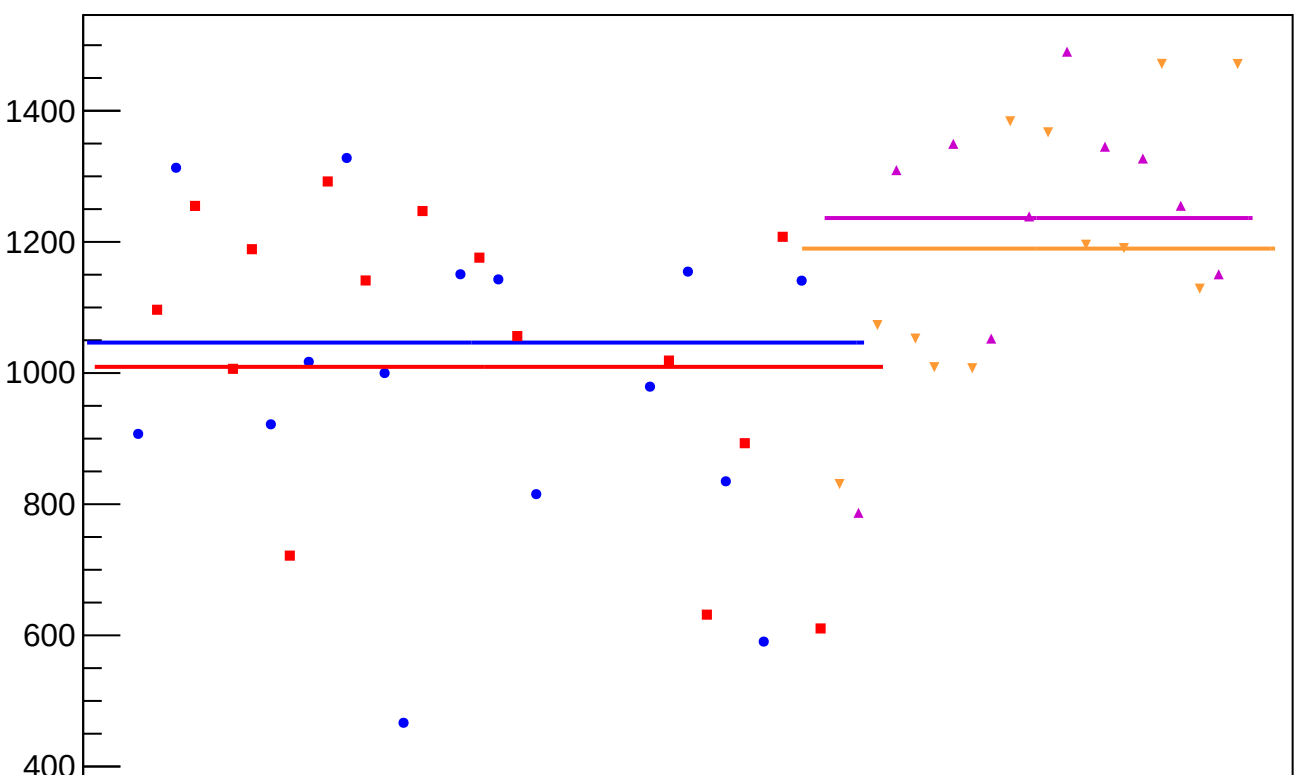
Left In: 840.300+/-0.000 χ^2/NDF:8498801425314634326577317827677310156 8.0/9

+ sign 774.395+/-0.000 χ^2/NDF: 286695061420432

All: 755.098+/-0.000 χ^2/NDF: 54394883032 4

- sign 735.179+/-0.000 χ^2/NDF: 256068718720651

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

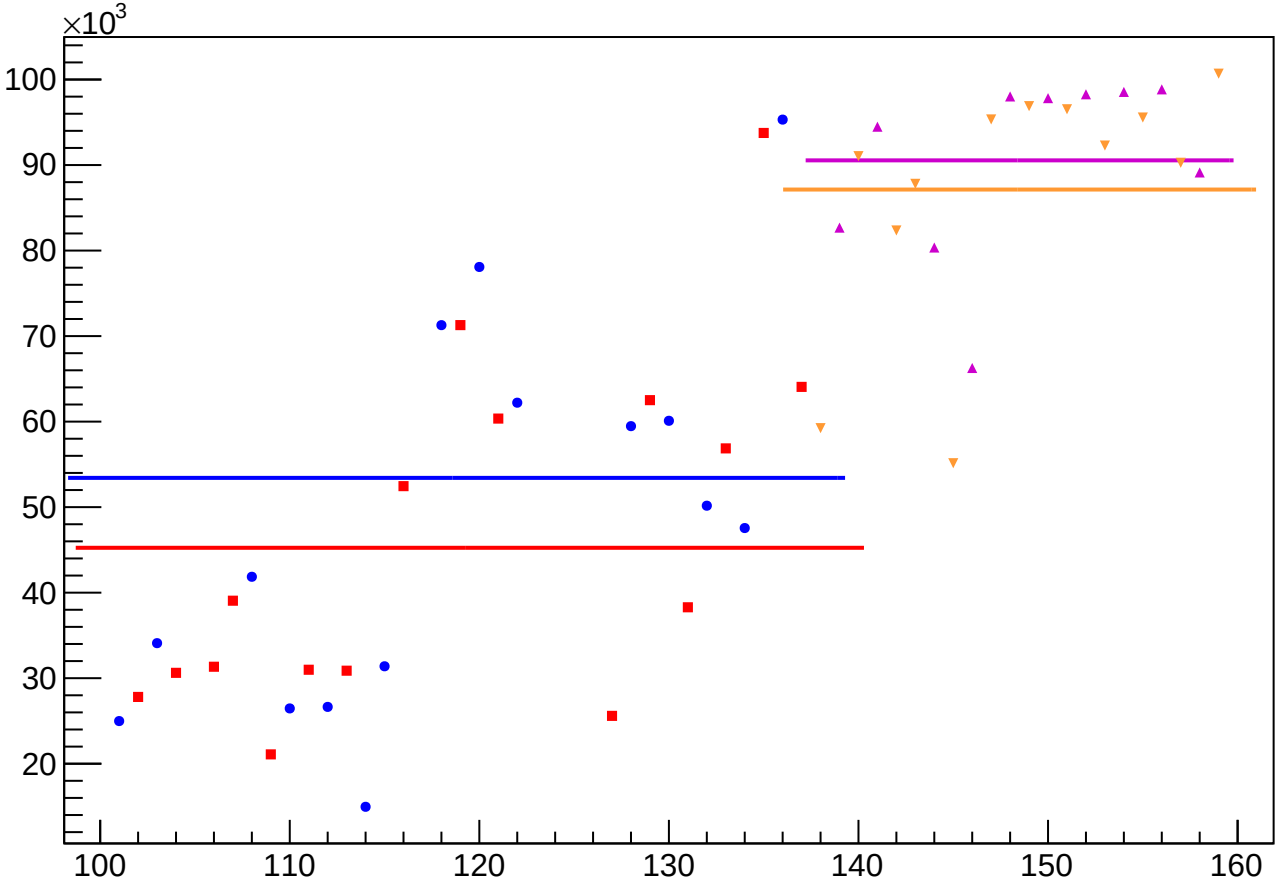
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

Left Out: 87135.960+/-0.000 χ^2/NDF:1893917413442907214132330987750189443317 76.0/11

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

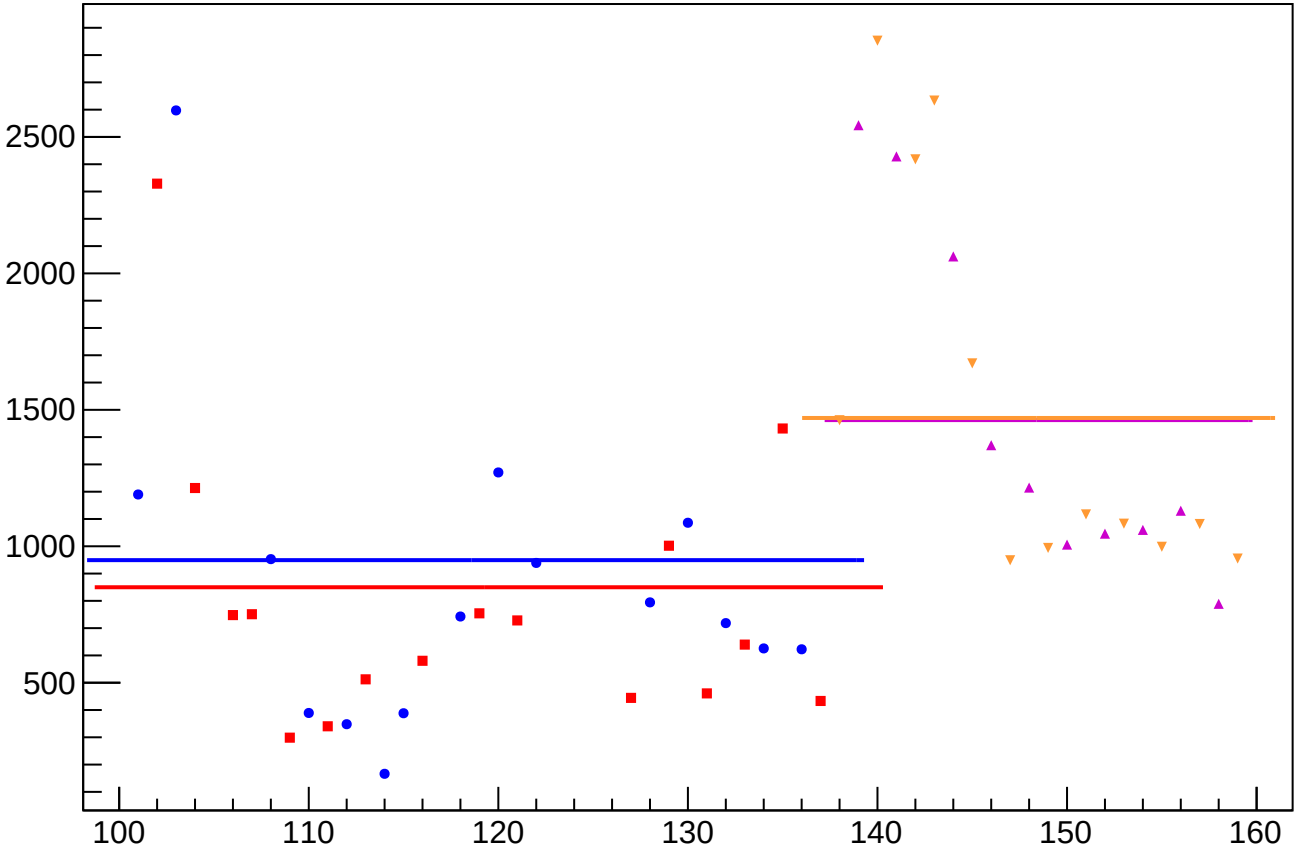
Left In: 90548.283+/-0.000 χ^2/NDF:9056719236758114464284011522072517174886 4.0/9

+ sign 73164.015+/-0.000 χ^2/NDF: 9819742199797

All: 71917.304+/-0.000 χ^2/NDF: 2130500564

- sign 70630.324+/-0.000 χ^2/NDF: 1143579697016

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1254.262+/-0.000 χ^2/NDF: 7344275517658 8

Left Out: 1470.170+/-0.000 χ^2/NDF:4055903751566501722805072119613337108 48.0/11

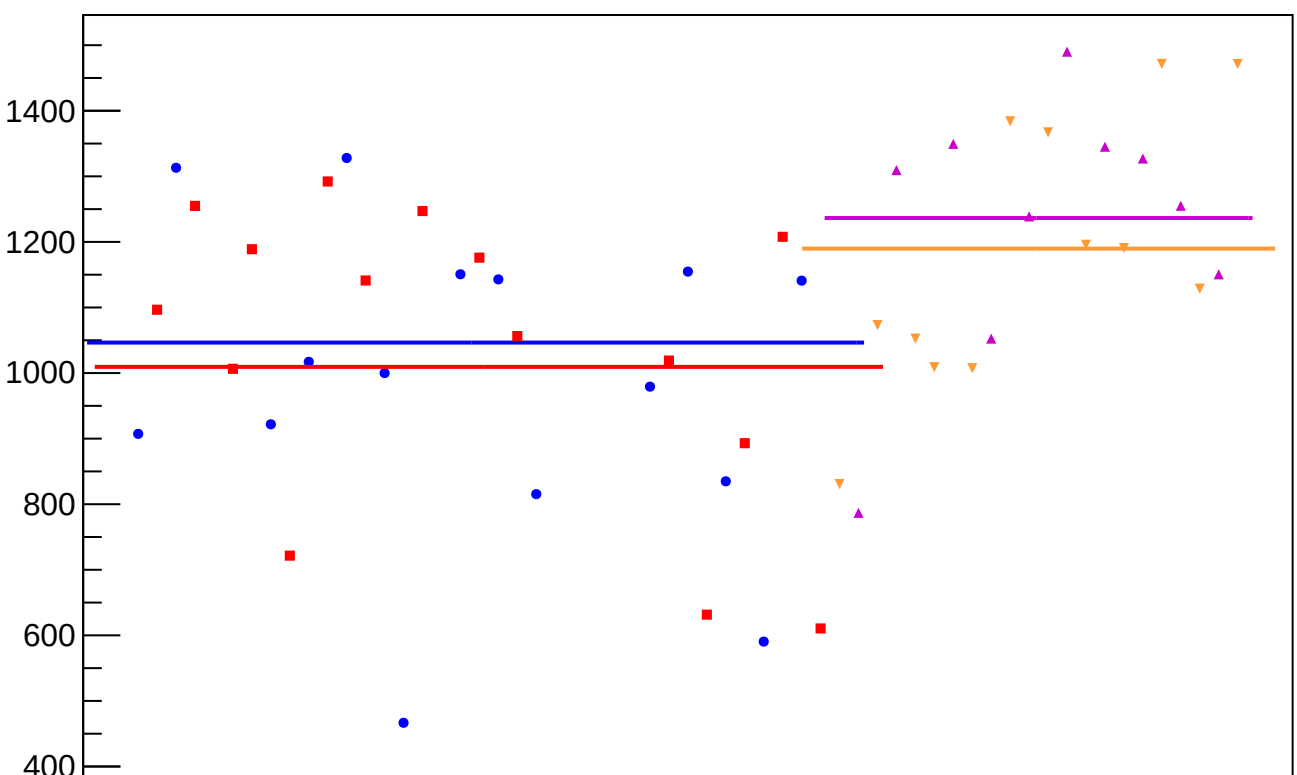
All: 1224.152+/-0.000 χ^2/NDF: 1387936842 7

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1193.069+/-0.000 χ^2/NDF: 6506238211776 0

Left In: 1462.413+/-0.000 χ^2/NDF:3057545796894423502434107538127538094 08.0/9

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

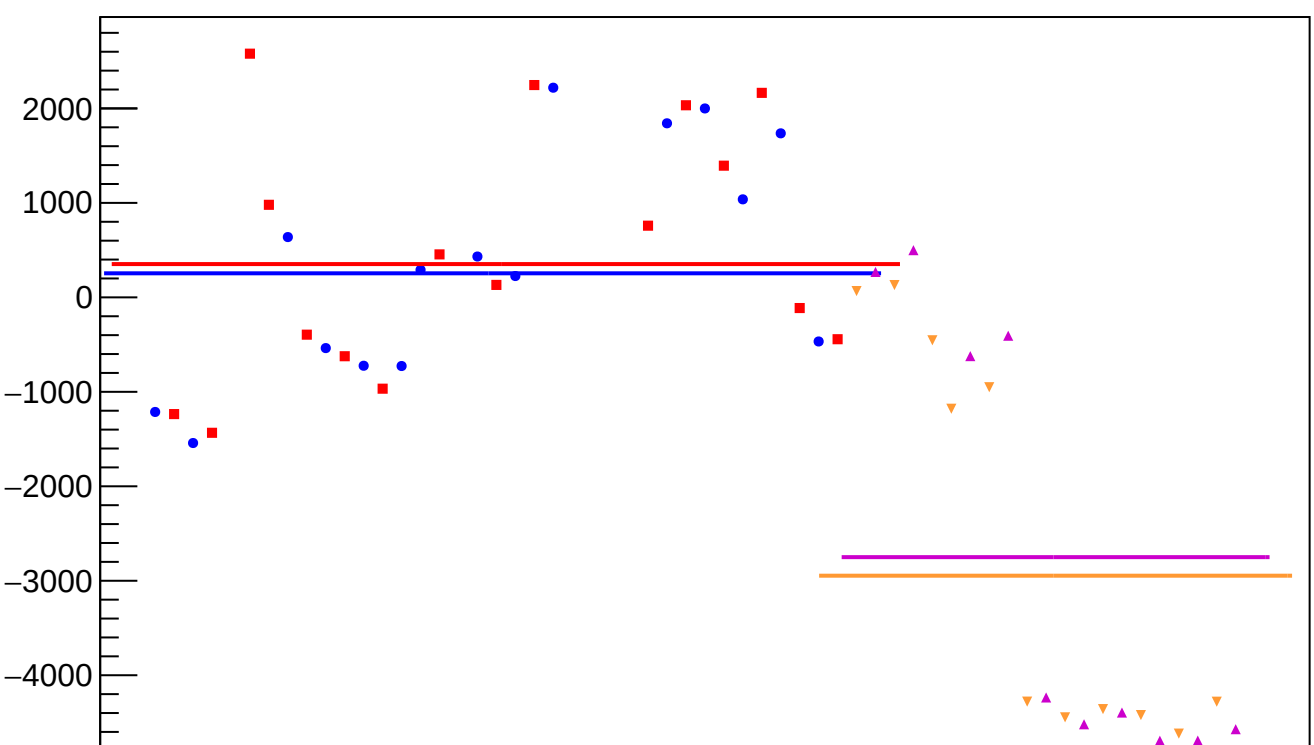
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314

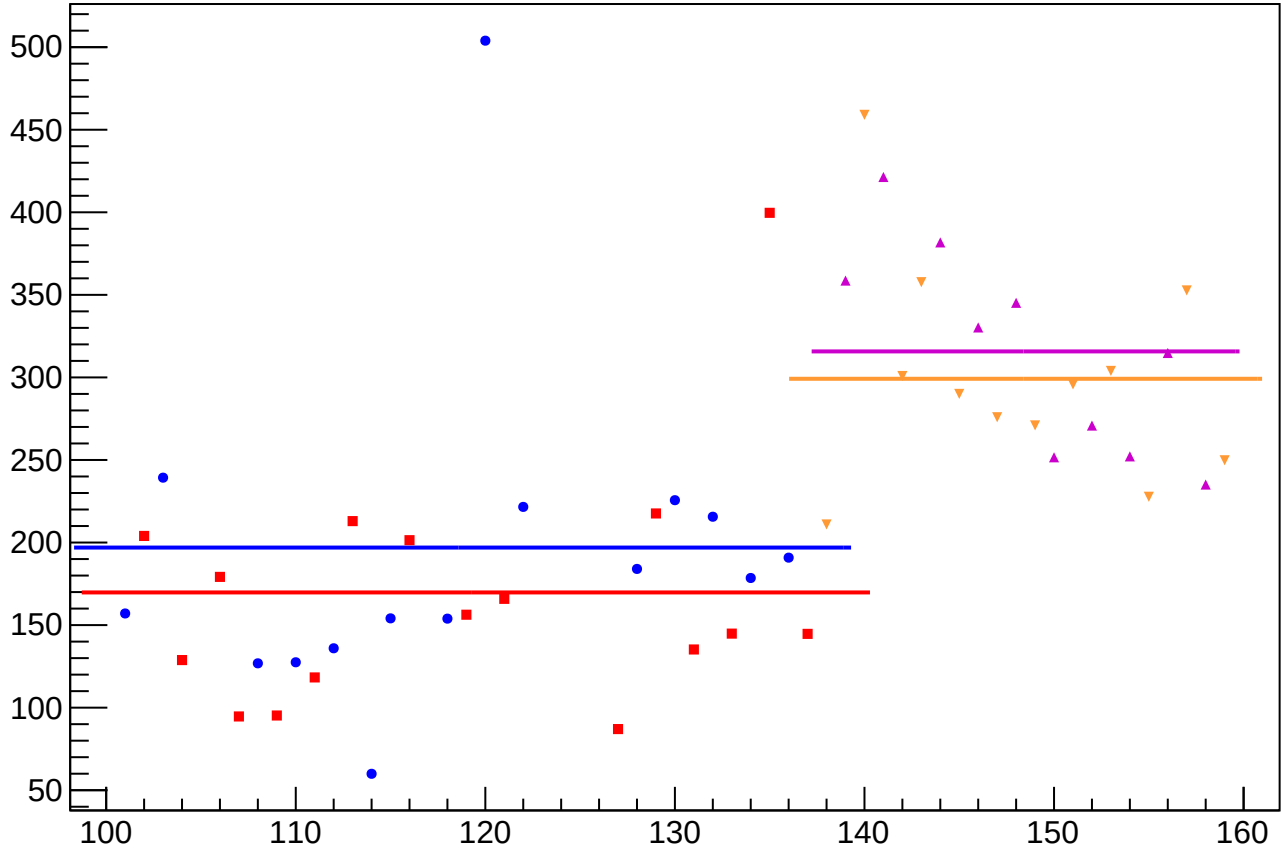
- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -1619.770+/-0.000 χ^2/NDF: 8603275870945
Left Out: -2946.326+/-0.000 χ^2/NDF:3731127313953628227585948865105357701120.0/11
All: -1504.709+/-0.000 χ^2/NDF: 1744993043
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -1385.931+/-0.000 χ^2/NDF: 88045201047172
Left In: -2749.937+/-0.000 χ^2/NDF:4106947742091475953709574128361512370176.0/9

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 299.172+/-0.000 χ^2/NDF:388038126454320050045502903088997990 4.0/11

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

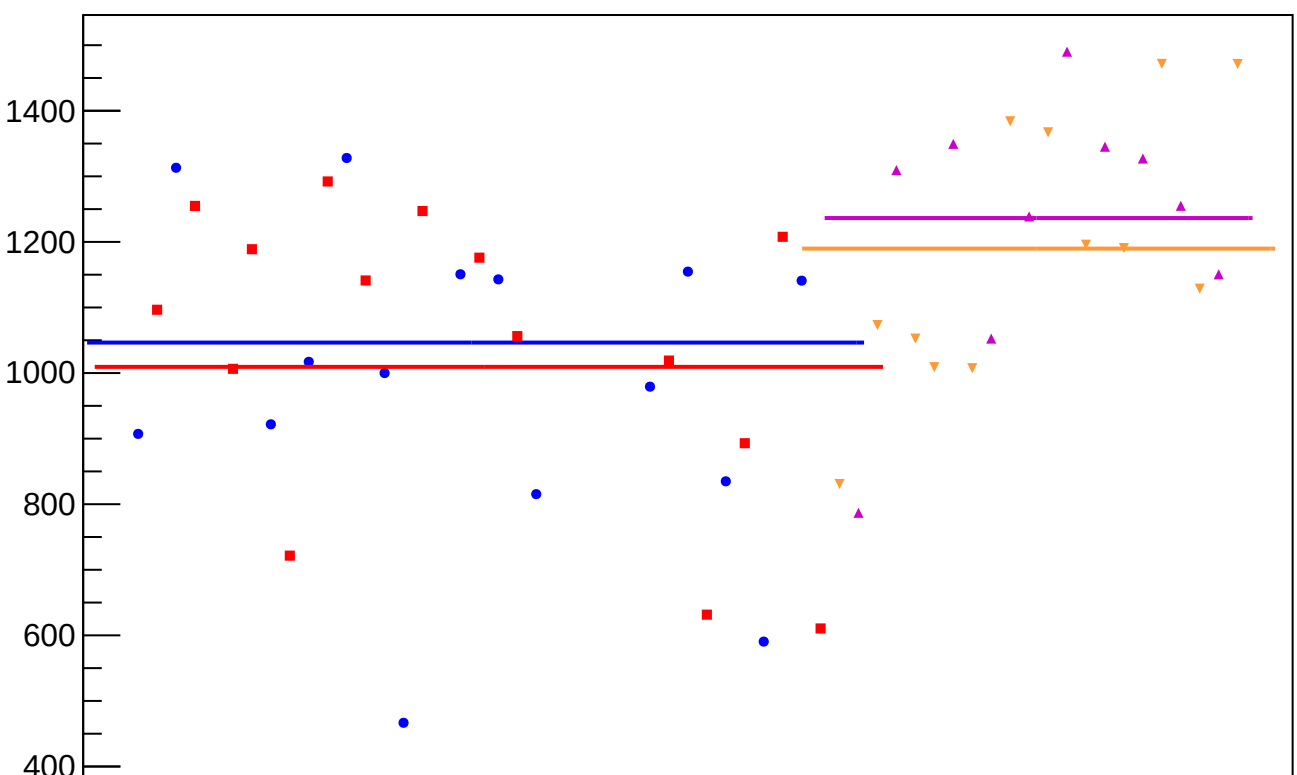
Left In: 315.748+/-0.000 χ^2/NDF:301161851366014619834119319449082265 6.0/9

+ sign 256.810+/-0.000 χ^2/NDF: 12336278810939 1

All: 254.230+/-0.000 χ^2/NDF: 2722488665 64

- sign 251.568+/-0.000 χ^2/NDF: 148674319169805

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

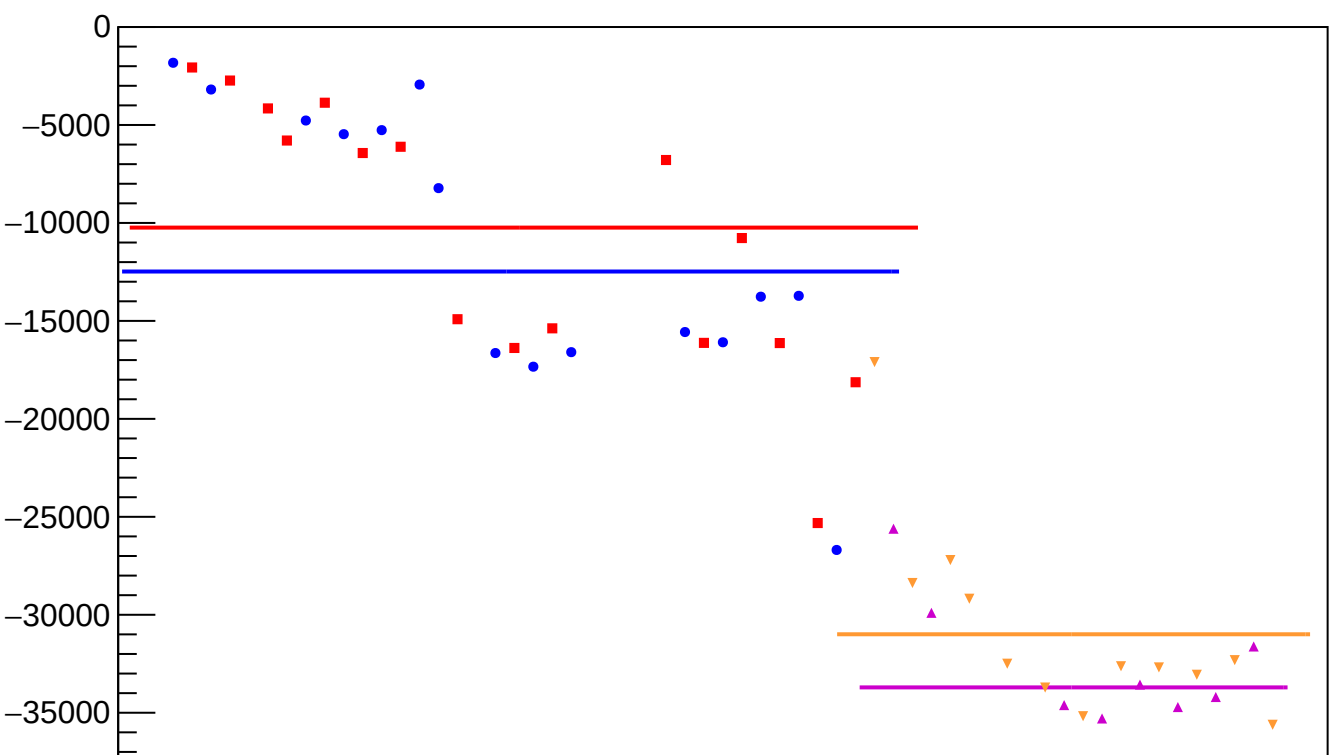
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -23321.438+/-0.000 χ^2/NDF: 192816719023

Left Out: -30994.631+/-0.000 χ^2/NDF:213608024055407757940489436479737099714 56.0/11

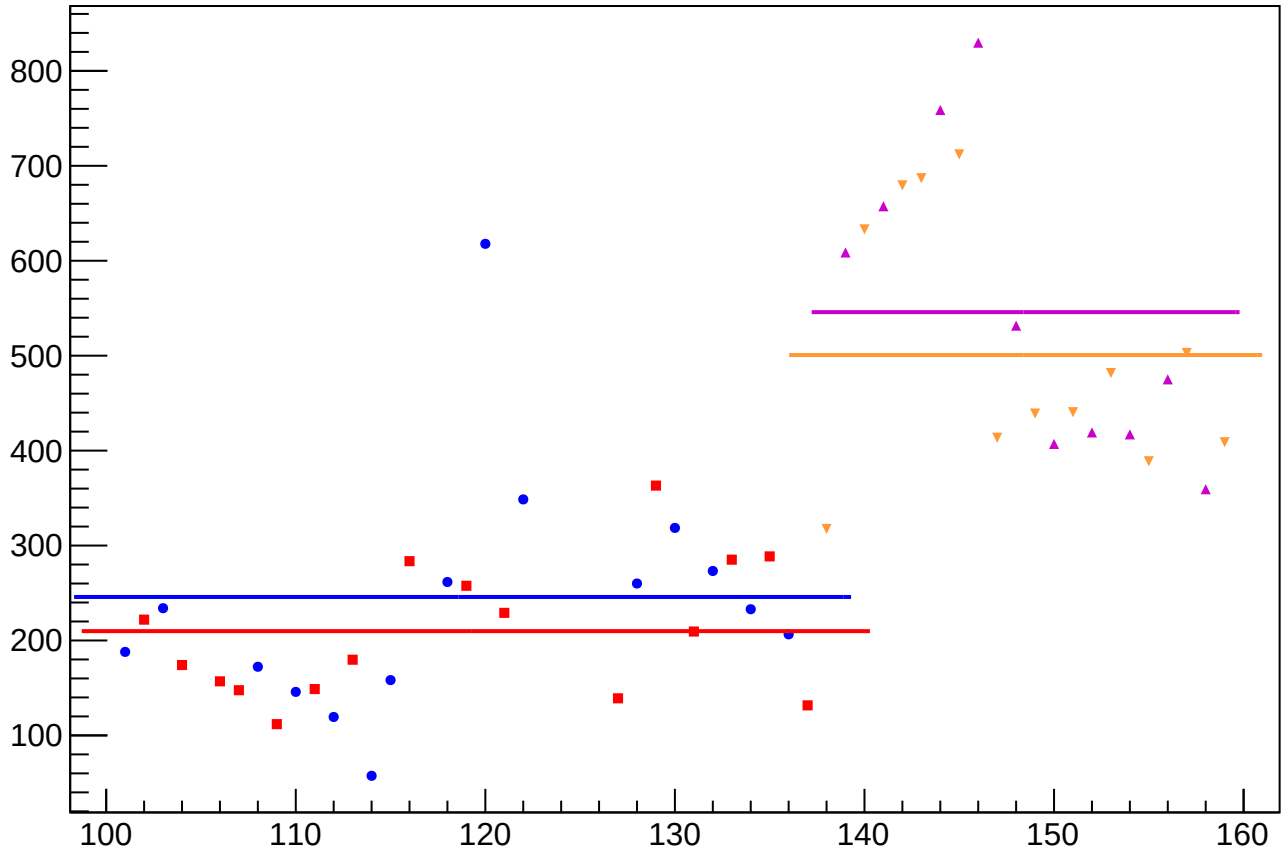
All: -23354.058+/-0.000 χ^2/NDF: 441148079

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

- sign -23387.732+/-0.000 χ^2/NDF: 248327974019 9

Left In: -33706.326+/-0.000 χ^2/NDF:112648379150747924928672050375396562042 88.0/9

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 500.722+/-0.000 χ^2/NDF:1436664785403098680108925235491137126 4.0/11

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

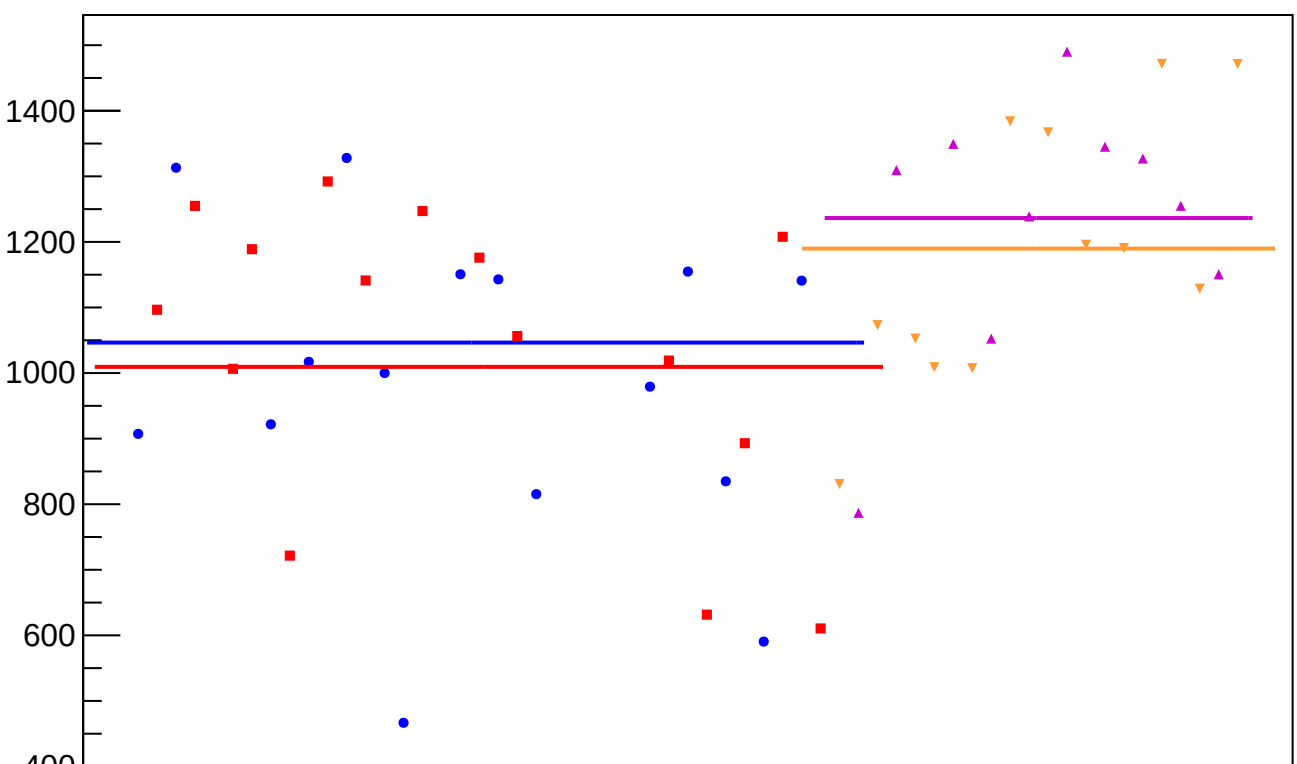
Left In: 545.864+/-0.000 χ^2/NDF:199643524596910755116365753097681633 28.0/9

+ sign 395.088+/-0.000 χ^2/NDF: 46885156917775

All: 396.580+/-0.000 χ^2/NDF: 11218296828

- sign 398.121+/-0.000 χ^2/NDF: 652907188292344

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

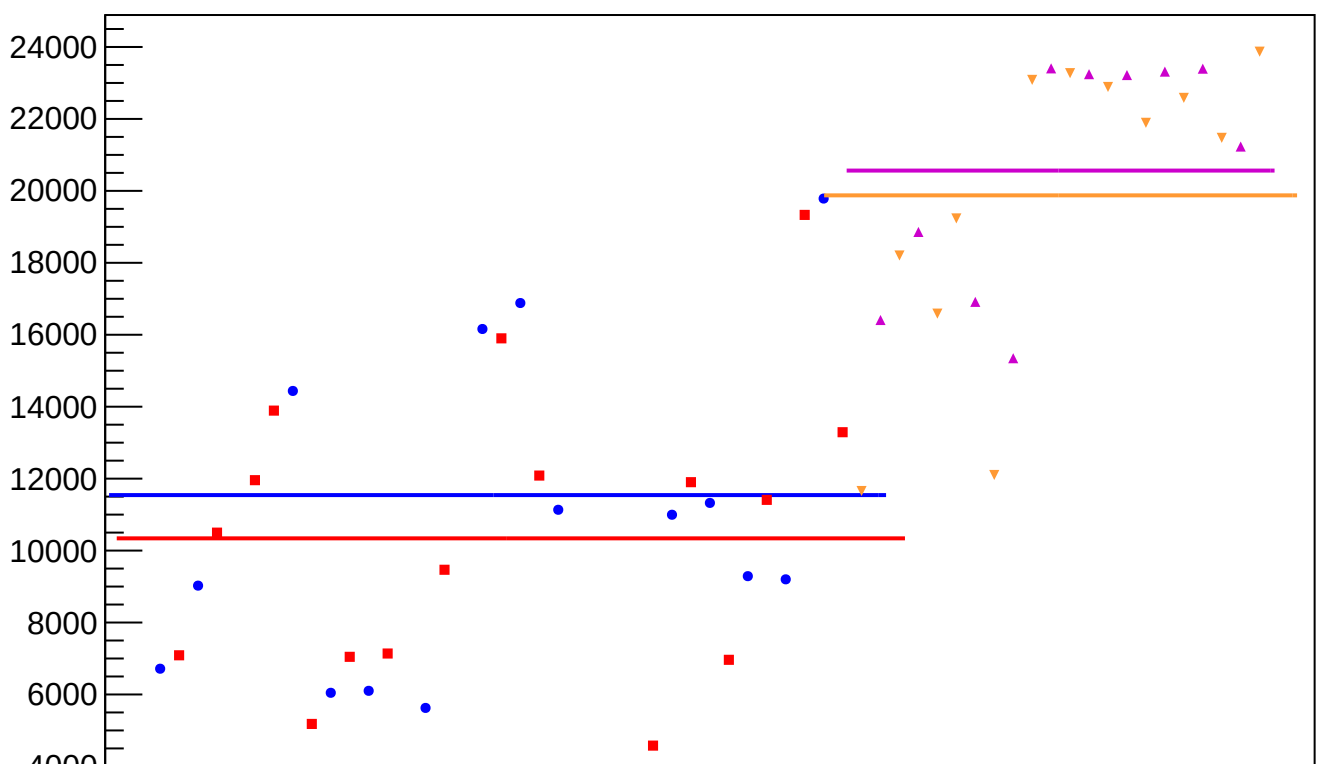
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 9286570178879 8

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 19875.162+/-0.000 χ^2/NDF:158021966434494621984834009563574556426 24.0/11

Right Out: 10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

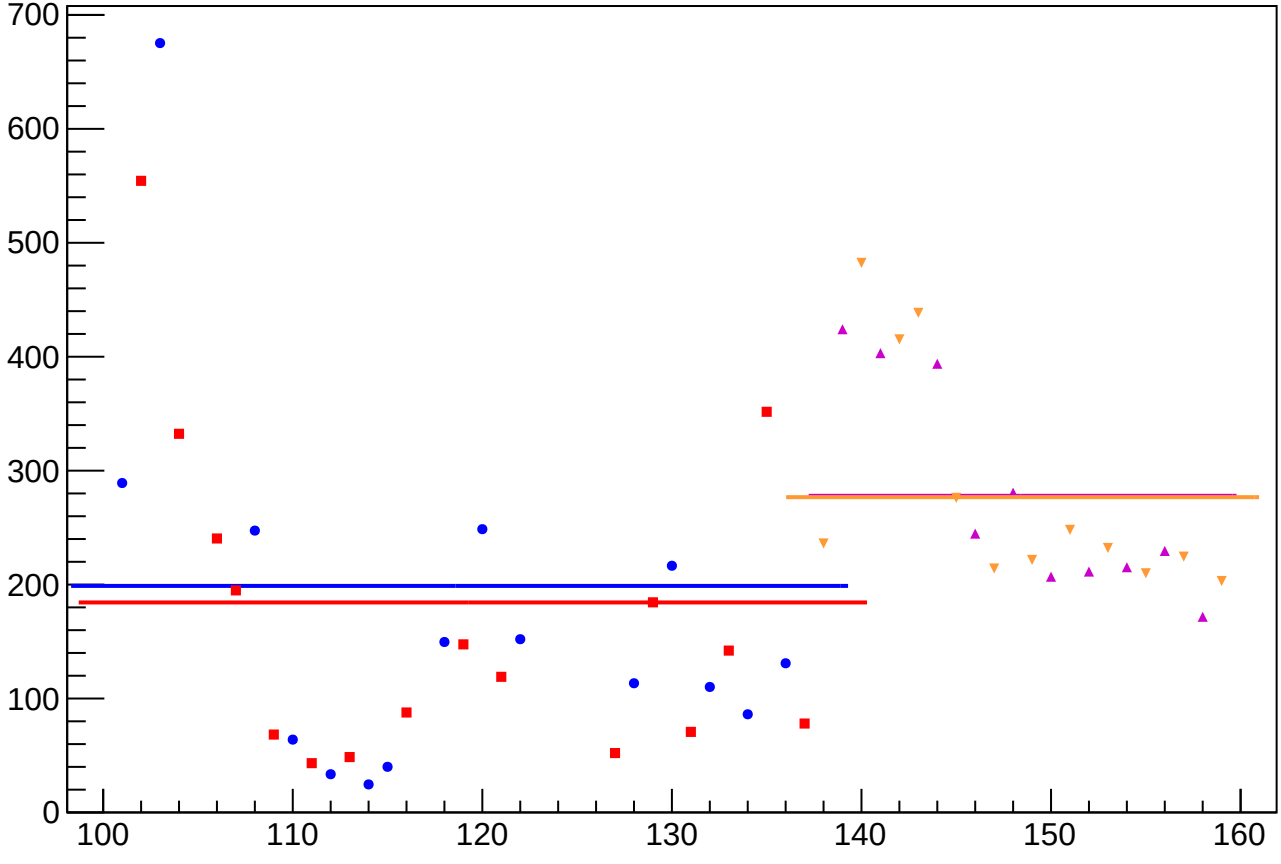
Left In: 20564.157+/-0.000 χ^2/NDF:838634564775950378023560811028941268582 4.0/9

+ sign 16421.950+/-0.000 χ^2/NDF: 5642108511400

All: 16248.157+/-0.000 χ^2/NDF: 115232004 1

- sign 16068.749+/-0.000 χ^2/NDF: 5871479145888

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 1833399510950343803707591694444029542 4.0/14

Left Out: 276.729+/-0.000 χ^2/NDF:8031577970080371618596427688692416512.0/11

Right Out: 184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

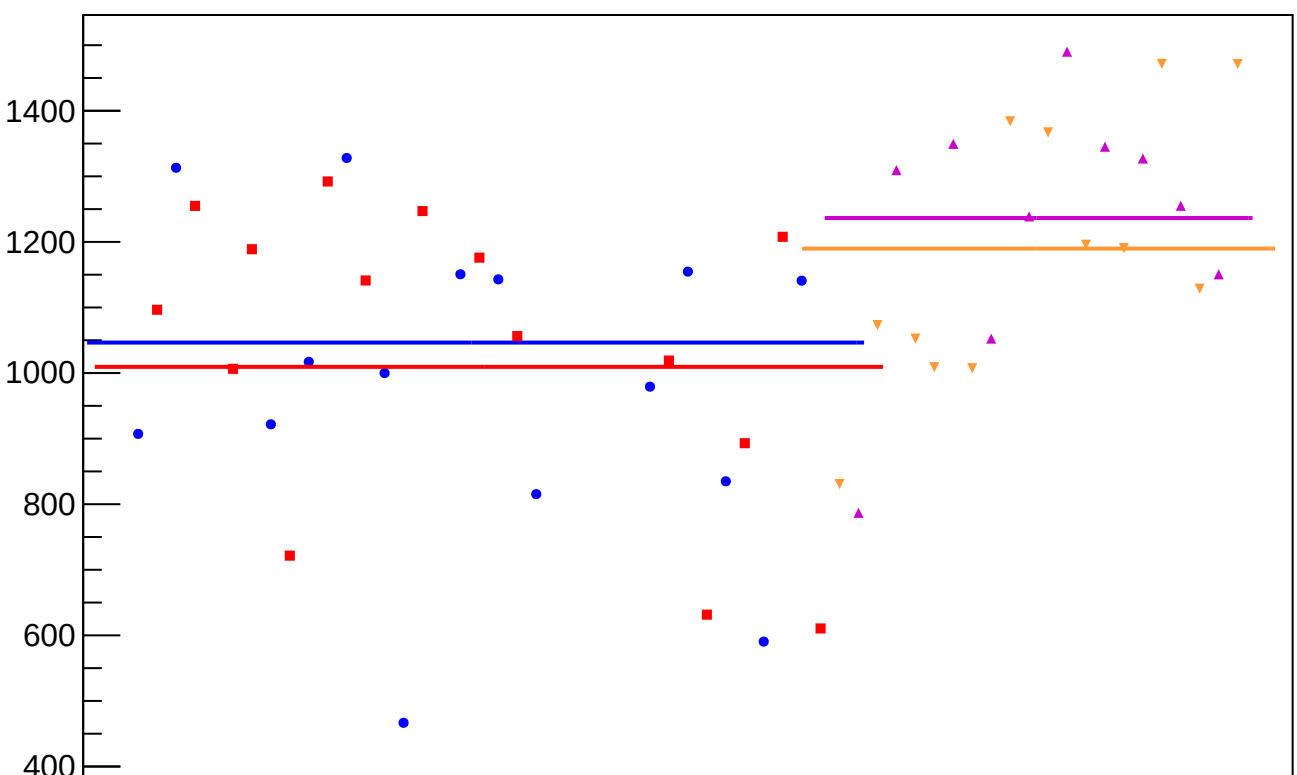
Left In: 277.919+/-0.000 χ^2/NDF:6646167093782782282430285344535478272.0/9

+ sign 244.454+/-0.000 χ^2/NDF: 286705297289177

All: 240.672+/-0.000 χ^2/NDF: 53563242592 3

- sign 236.769+/-0.000 χ^2/NDF: 248472059487424

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

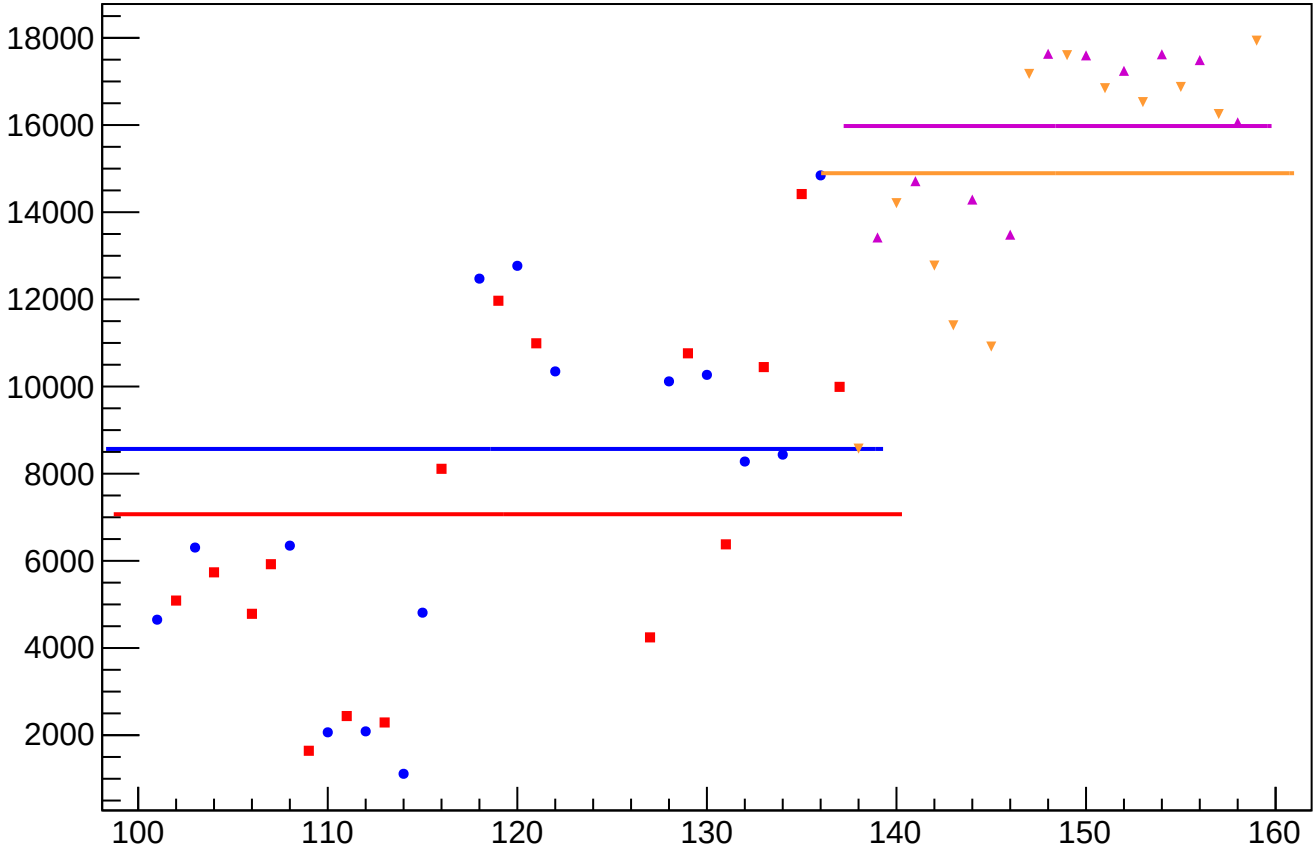
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 12272.609+/-0.000 χ^2/NDF: 3451560663390

Left Out: 14894.671+/-0.000 χ^2/NDF:8196994251162162548782617513195066097664.0/11

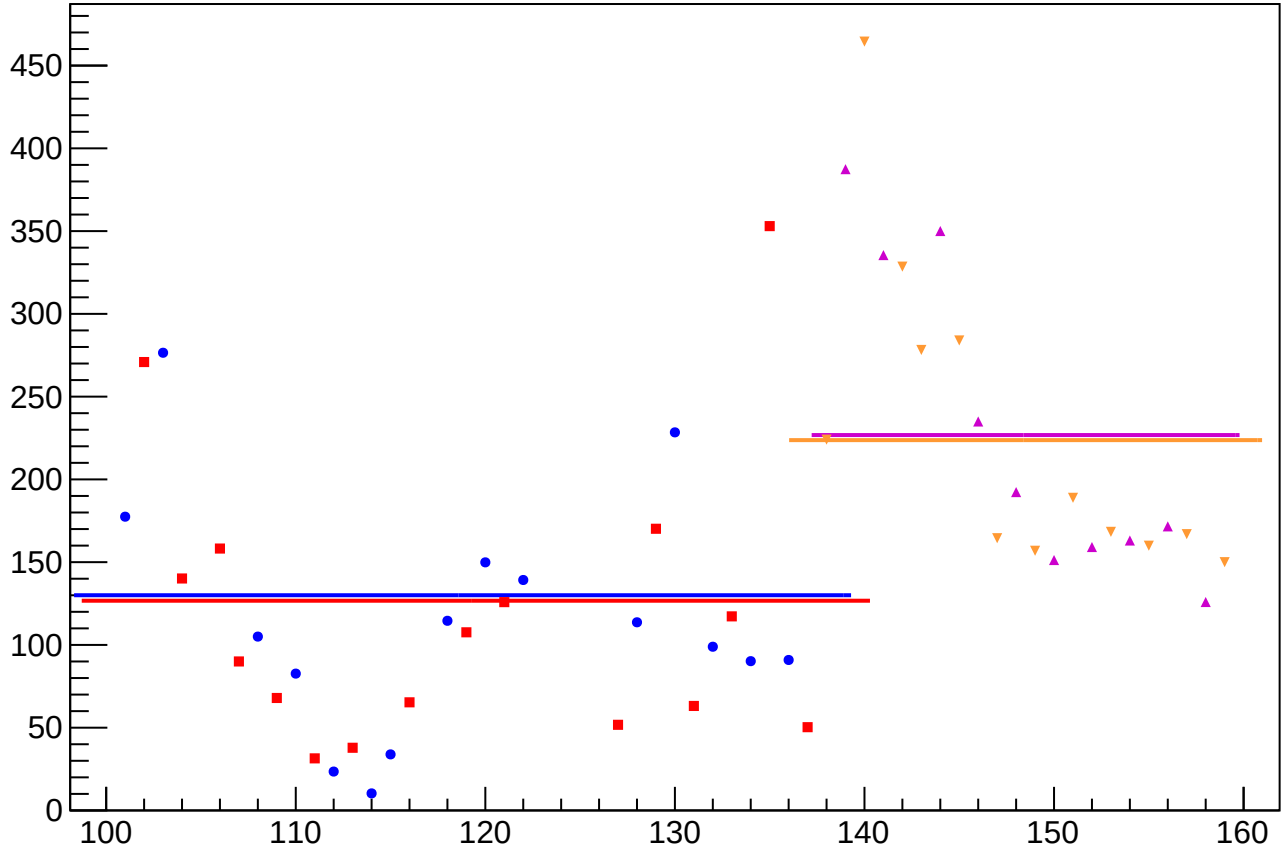
All: 12168.436+/-0.000 χ^2/NDF: 767494144 8

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15

- sign 12060.898+/-0.000 χ^2/NDF: 4219927026766

Left In: 15977.375+/-0.000 χ^2/NDF:2469319088731533526130583783769882230784.0/9

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 223.724+/-0.000 χ^2/NDF:7769866101258790132911352573971136512.0/11

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

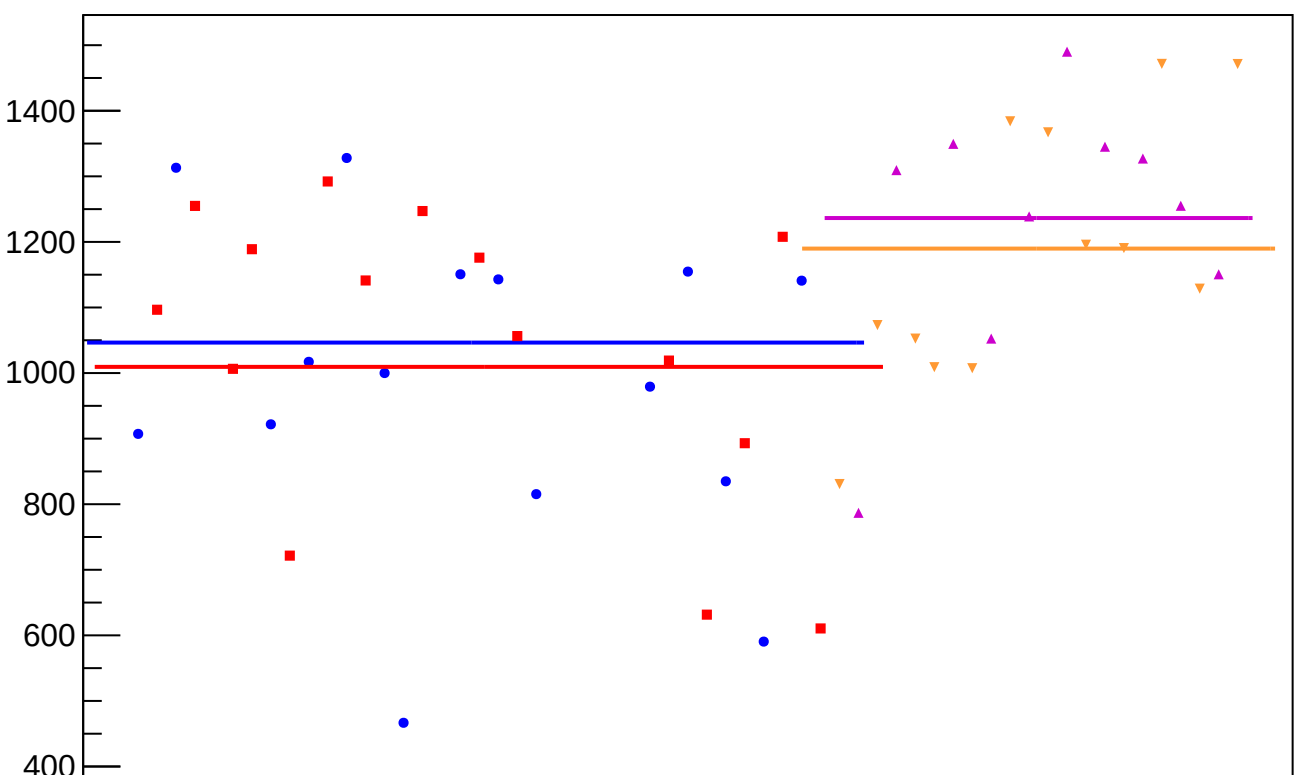
Left In: 226.791+/-0.000 χ^2/NDF:6897835886034787257624479201729970176.0/9

+ sign 184.890+/-0.000 χ^2/NDF: 14221915942192

All: 183.855+/-0.000 χ^2/NDF: 3026378561

- sign 182.787+/-0.000 χ^2/NDF: 160384608173869

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

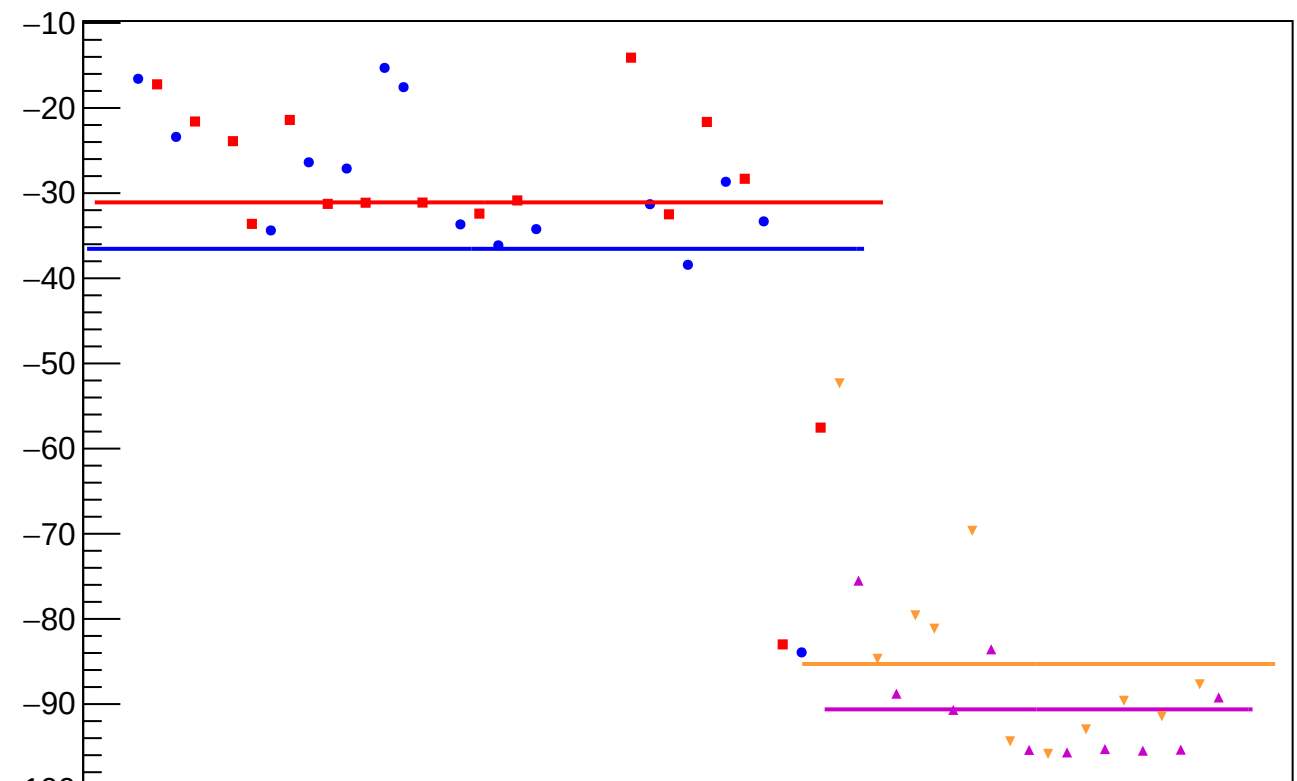
Left In: 1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1133.469+/-0.000 χ^2/NDF: 1610571314 2

- sign 1136.616+/-0.000 χ^2/NDF: 92865701788798

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

+ sign -65.087+/-0.000 χ^2/NDF: 130788289054713

Left Out: -85.291+/-0.000 χ^2/NDF:1503351865756920475253980731728199 68.0/11

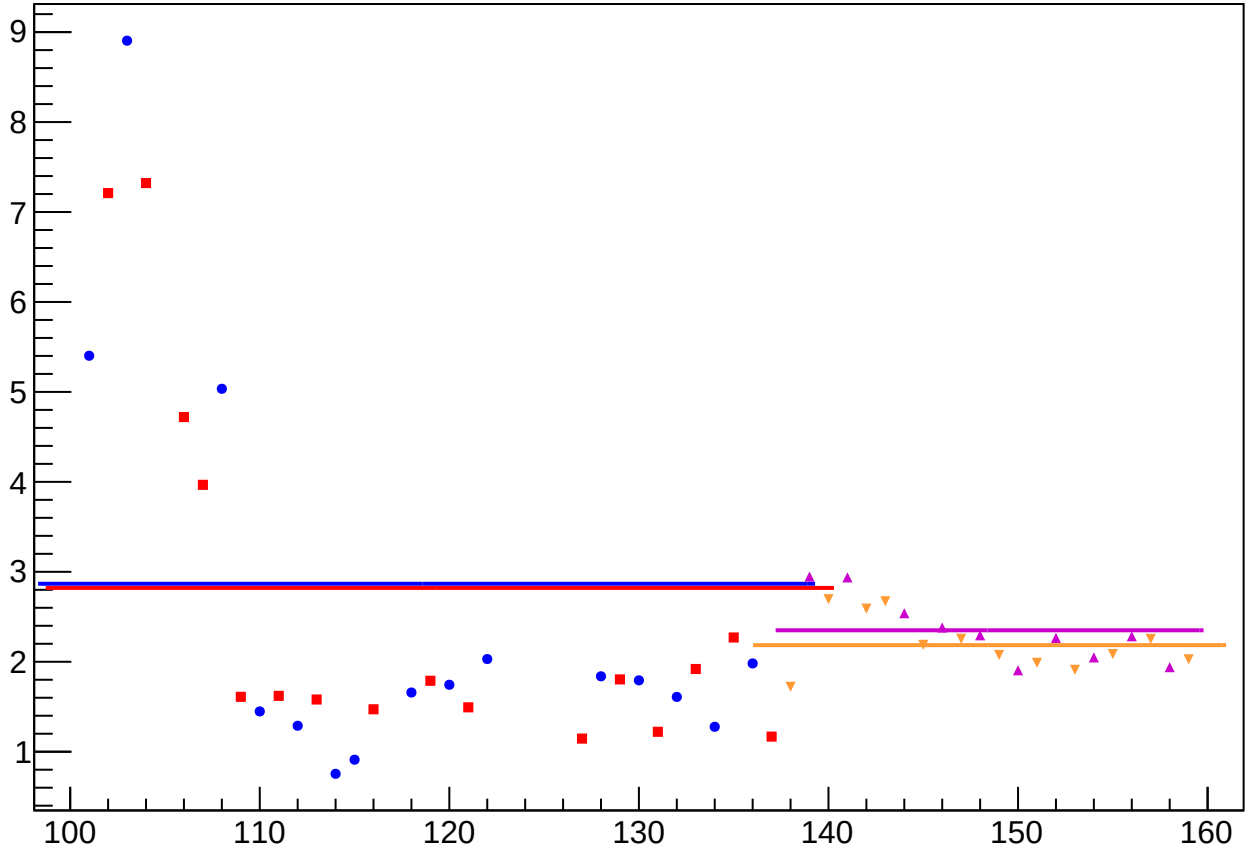
All: -64.771+/-0.000 χ^2/NDF: 284727824756

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

- sign -64.444+/-0.000 χ^2/NDF: 1539077177270529

Left In: -90.621+/-0.000 χ^2/NDF:3308972593773251667783916237042483 2.0/9

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.185+/-0.000 χ^2/NDF:7550126663777300600381682116198 4.0/11

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

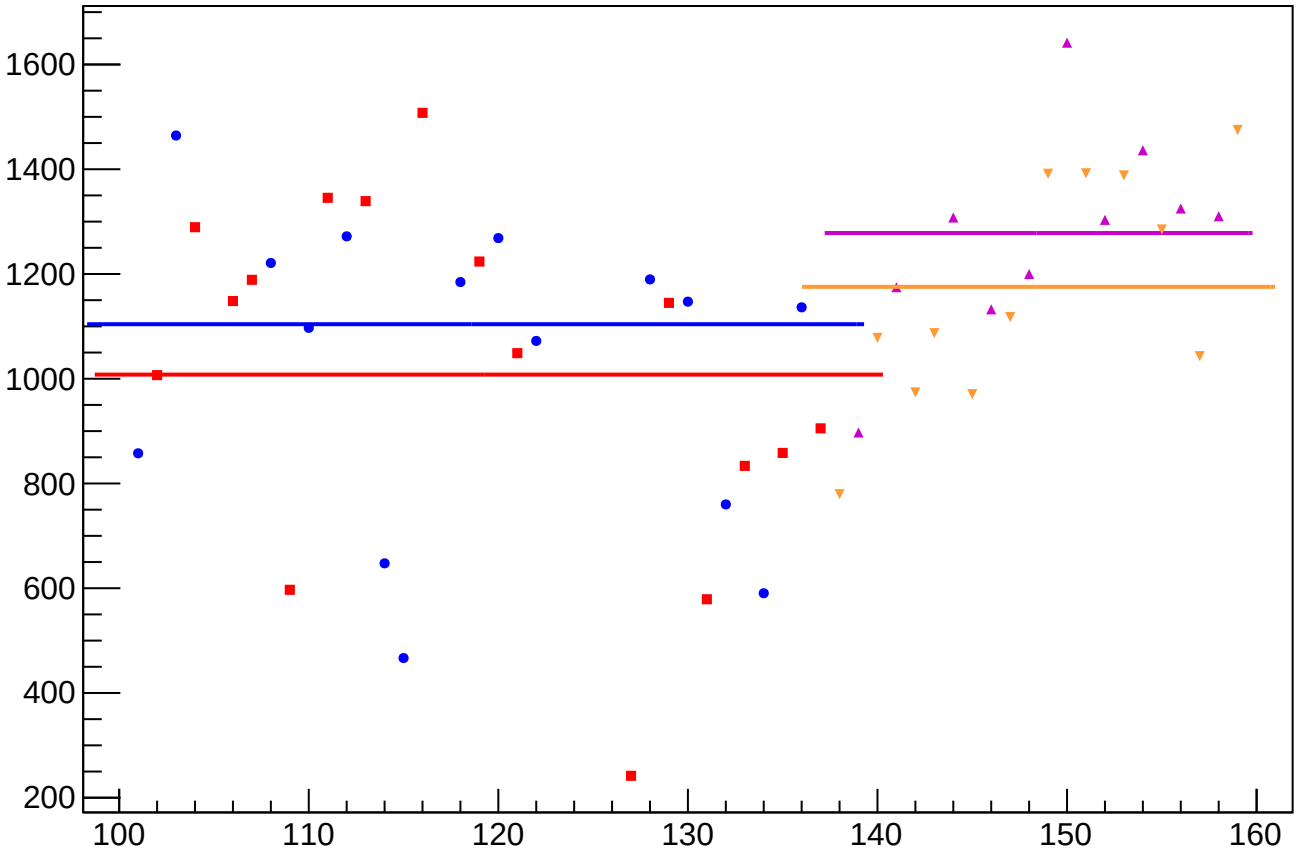
Left In: 2.350+/-0.000 χ^2/NDF:10254699766690705353965543253606 4.0/9

+ sign 2.468+/-0.000 χ^2/NDF: 3708042306558672 1

All: 2.512+/-0.000 χ^2/NDF: 6952607505055 1

- sign 2.557+/-0.000 χ^2/NDF: 32384194178581153

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

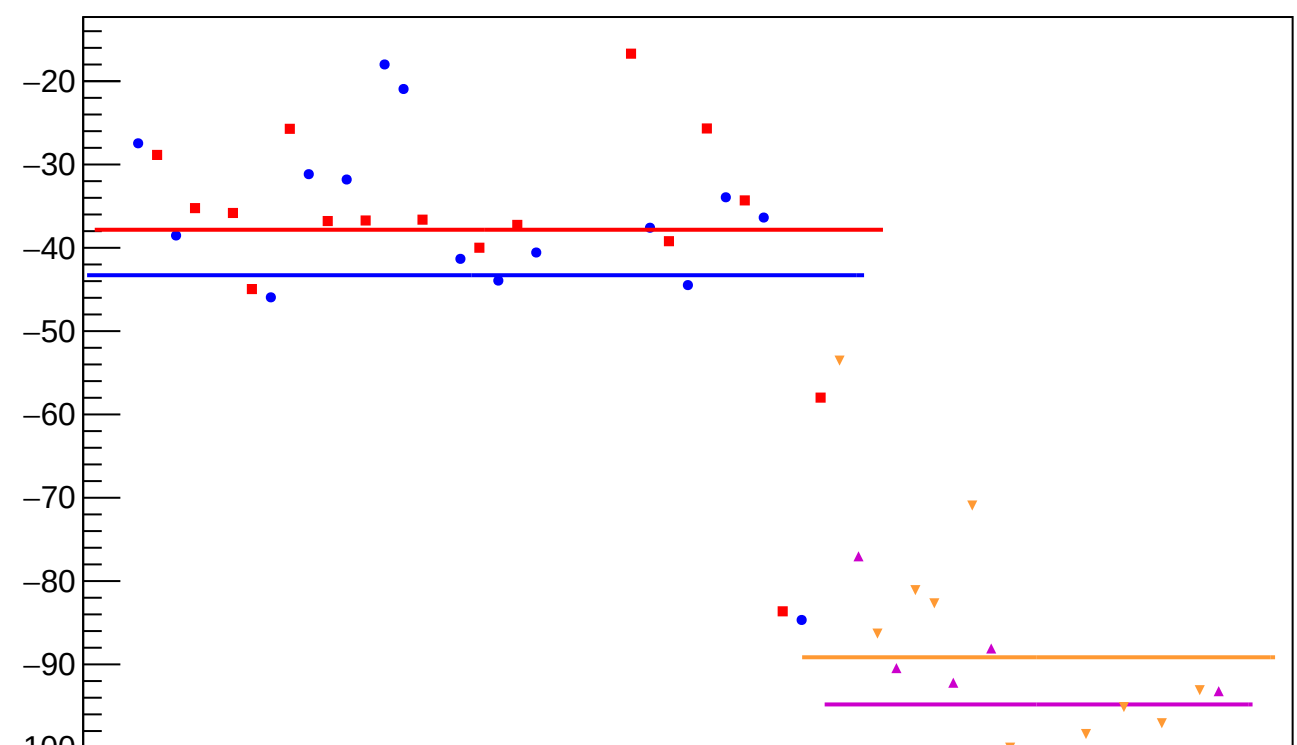
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

+ sign -70.142+/-0.000 χ^2/NDF: 118785787774979

Left Out: -89.146+/-0.000 χ^2/NDF:189364483855471766611288200184856576.0/11

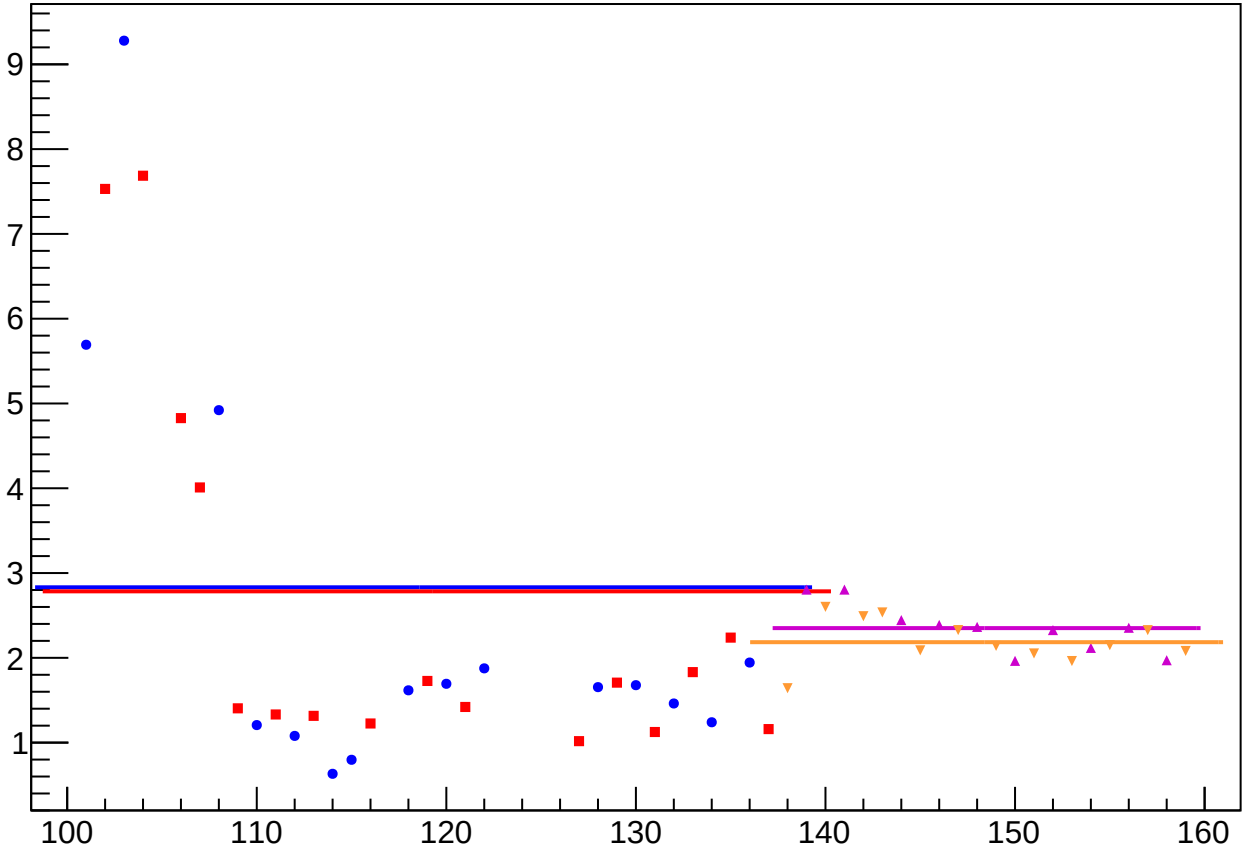
All: -69.952+/-0.000 χ^2/NDF: 259892239605

Right Out: -37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

- sign -69.756+/-0.000 χ^2/NDF: 141095010091965

Left In: -94.807+/-0.000 χ^2/NDF:490763257125705299377993148813803 52.0/9

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.453+/-0.000 χ^2/NDF: 41772543306903893

Left Out: 2.185+/-0.000 χ^2/NDF:60382547029004782914122064855040.0/11

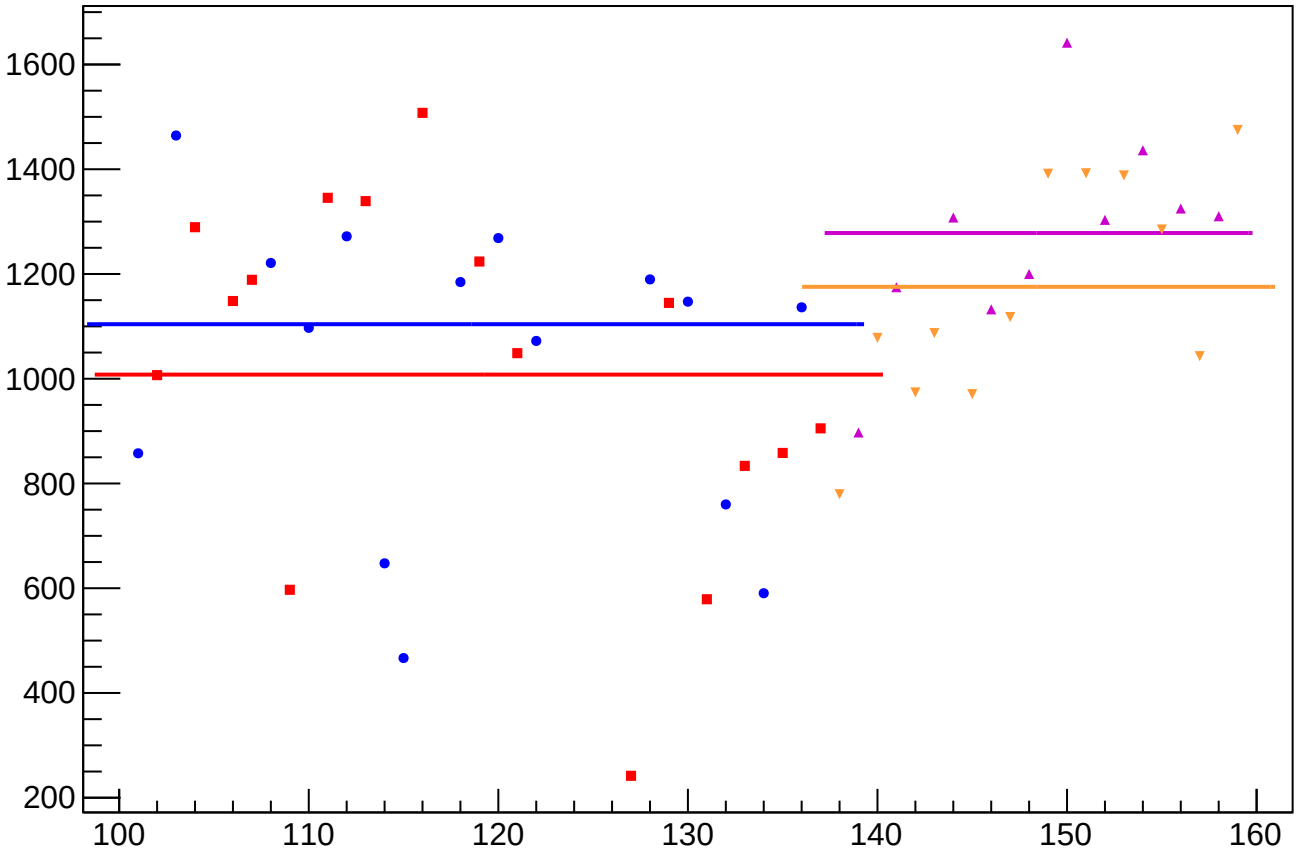
All: 2.496+/-0.000 χ^2/NDF: 7908382656231 6

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.541+/-0.000 χ^2/NDF: 37251106318536079

Left In: 2.351+/-0.000 χ^2/NDF:65276010759220423932687241183232.0/9

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

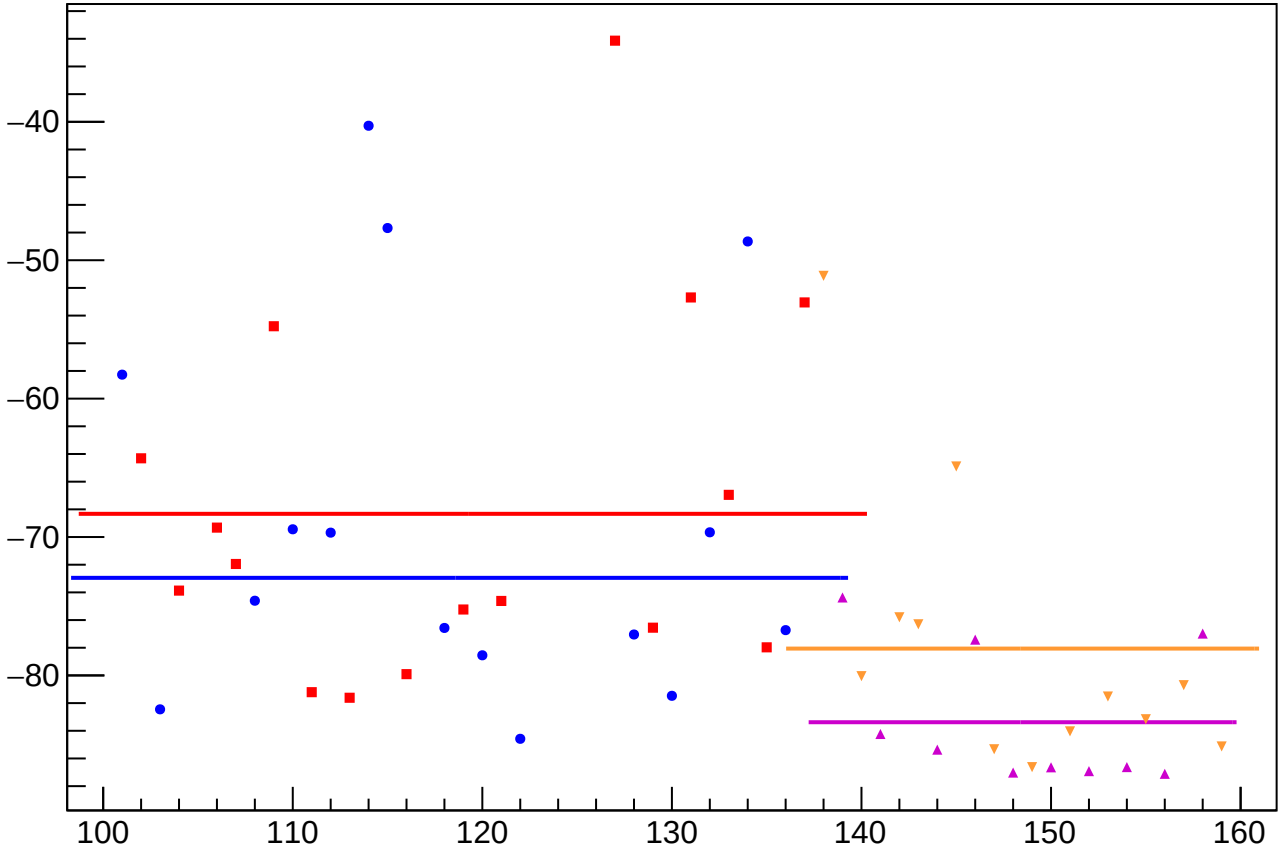
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

+ sign -75.942+/-0.000 χ^2/NDF: 167761384084705

Left Out: -78.060+/-0.000 χ^2/NDF:9207698978356102499121555955305676 8.0/11

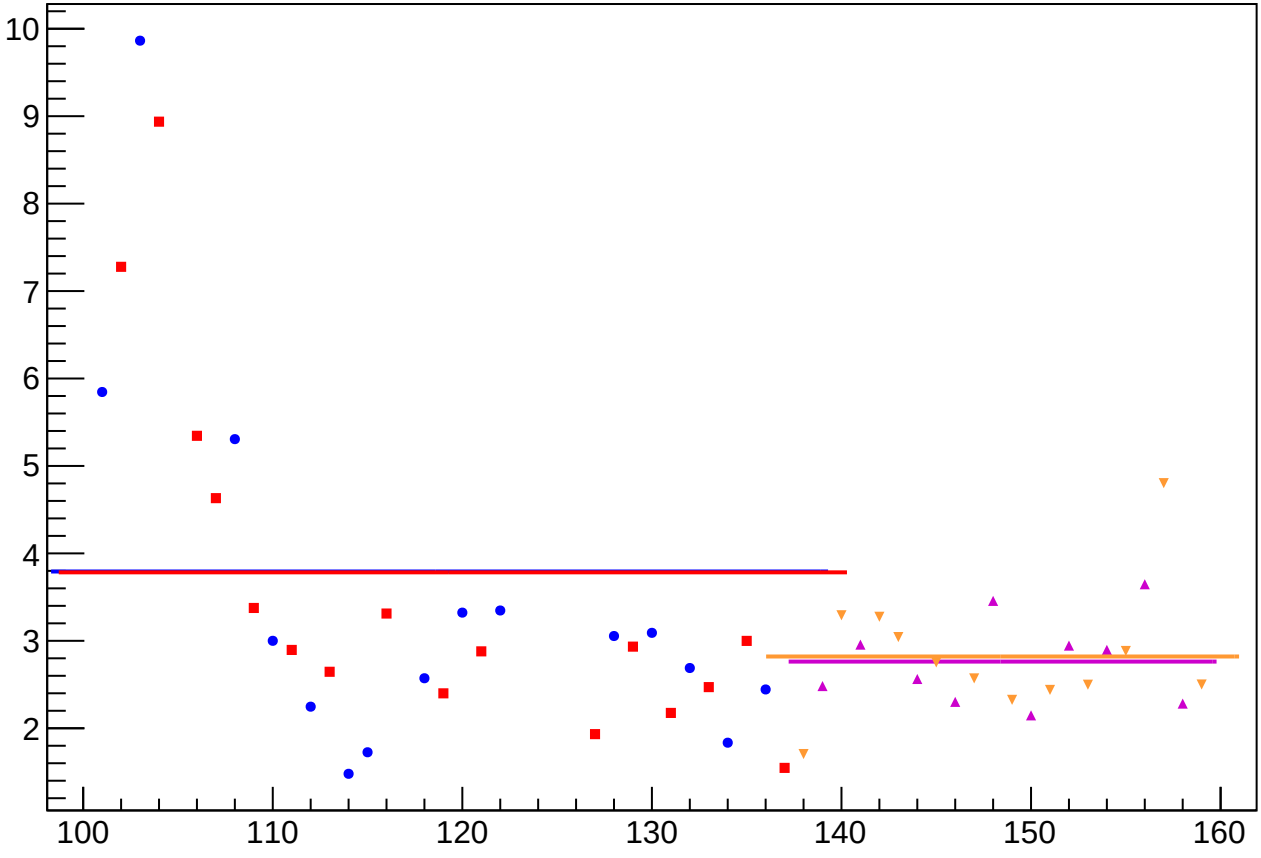
All: -76.345+/-0.000 χ^2/NDF: 37819091407 5

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

- sign -76.761+/-0.000 χ^2/NDF: 2099130783879527

Left In: -83.381+/-0.000 χ^2/NDF:1848012146918958264705647036176793 6.0/9

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

+ sign 3.224+/-0.000 χ^2/NDF: 4057583653196235 4

Left Out: 2.821+/-0.000 χ^2/NDF:4930825555807856272757976790466 56.0/11

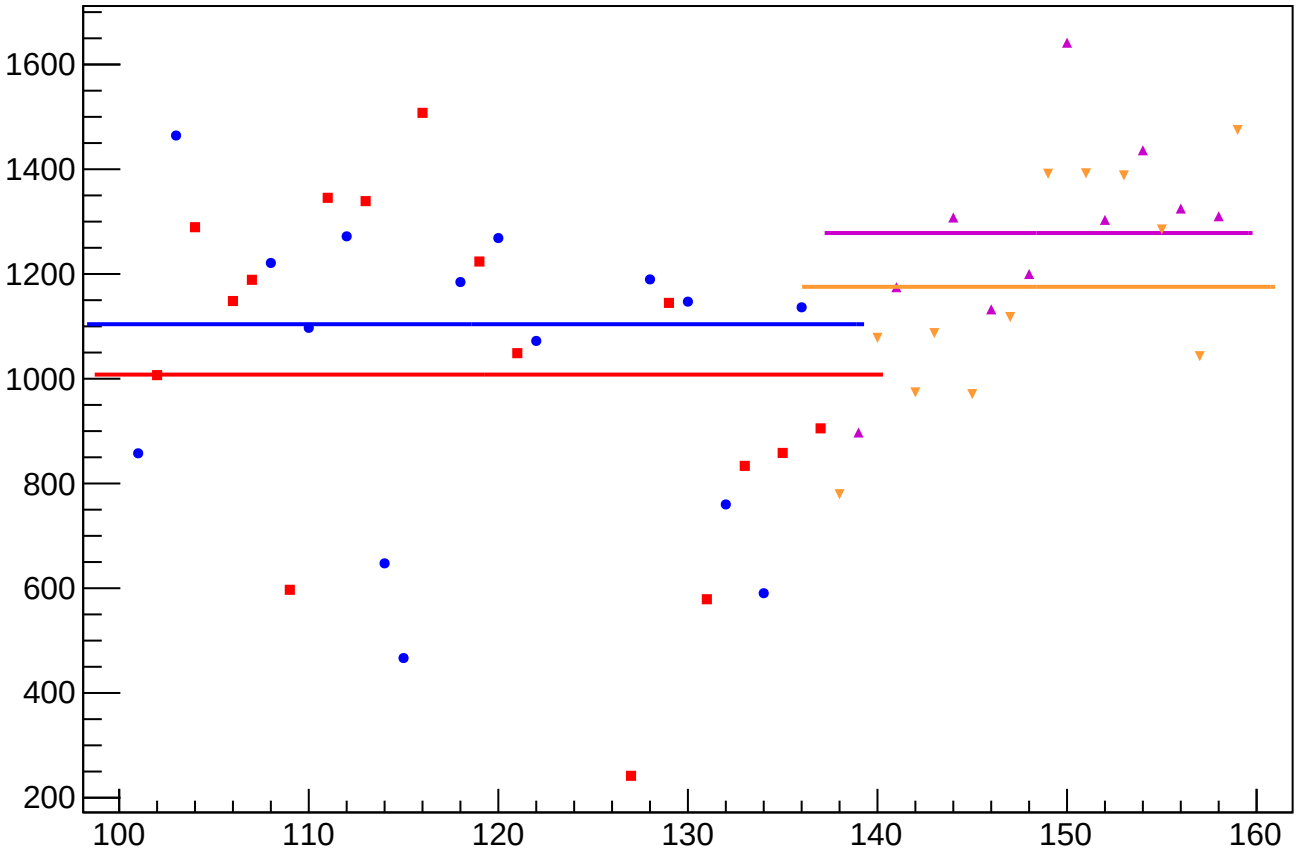
All: 3.218+/-0.000 χ^2/NDF: 7517017612132 4

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

- sign 3.211+/-0.000 χ^2/NDF: 3459316351844135 9

Left In: 2.762+/-0.000 χ^2/NDF:1913662783512604576215132536832 00.0/9

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

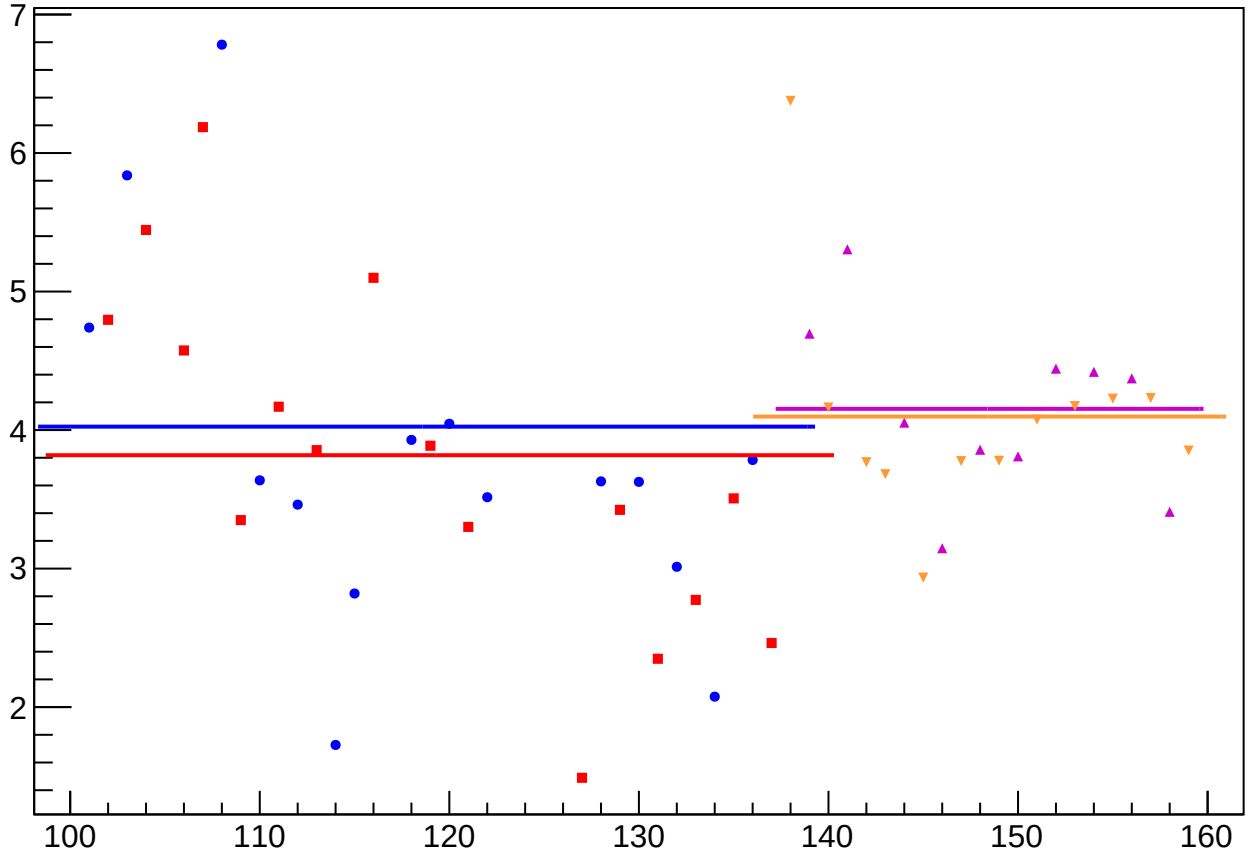
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Left Out: 4.098+/-0.000 χ^2/NDF:556317927026663328650590815256576.0/11

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

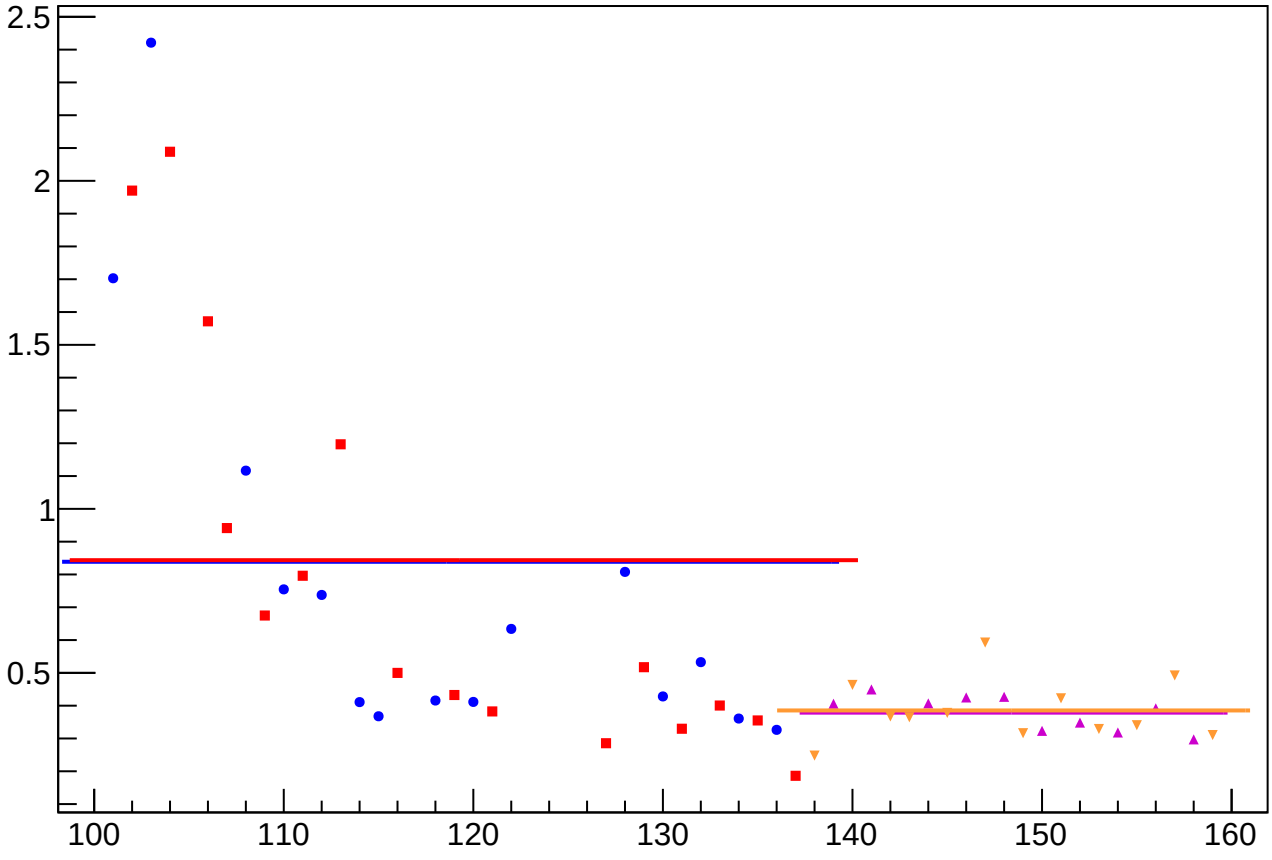
Left In: 4.153+/-0.000 χ^2/NDF:30186032885052987436933479766425 6.0/9

+ sign 4.067+/-0.000 χ^2/NDF: 1327327857959457

All: 4.037+/-0.000 χ^2/NDF: 2562171639186

- sign 4.006+/-0.000 χ^2/NDF: 12319407455890758

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.385+/-0.000 χ^2/NDF:7658632015844553503510259302400.0/11

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

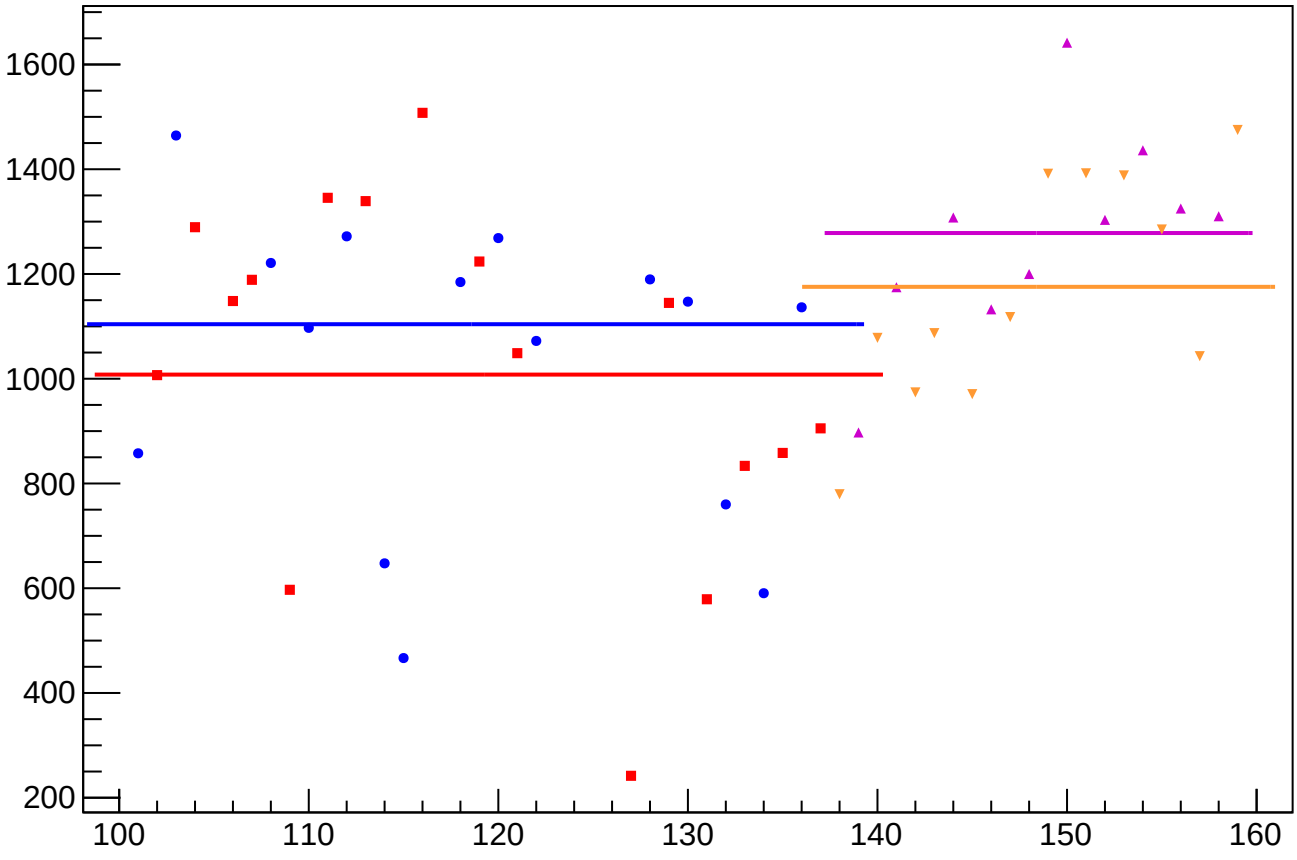
Left In: 0.379+/-0.000 χ^2/NDF:2167220807871707056596599177216.0/9

+ sign 0.573+/-0.000 χ^2/NDF: 3441558110133218 9

All: 0.578+/-0.000 χ^2/NDF: 6800454551247 1

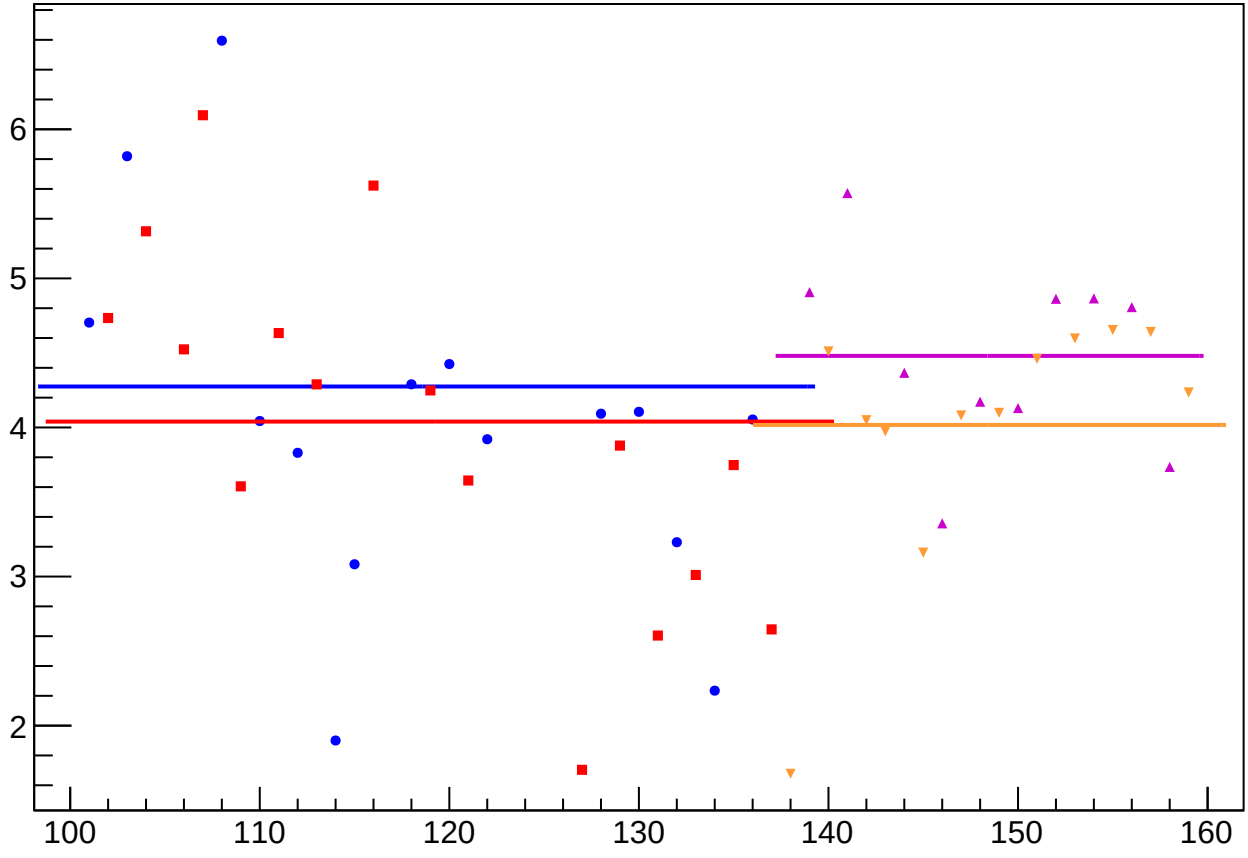
- sign 0.583+/-0.000 χ^2/NDF: 3358150693029875 1

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4
Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11
All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.124+/-0.000 χ^2/NDF: 1240683291044544

Left Out: 4.017+/-0.000 χ^2/NDF:618248057516763535647221148024832.0/11

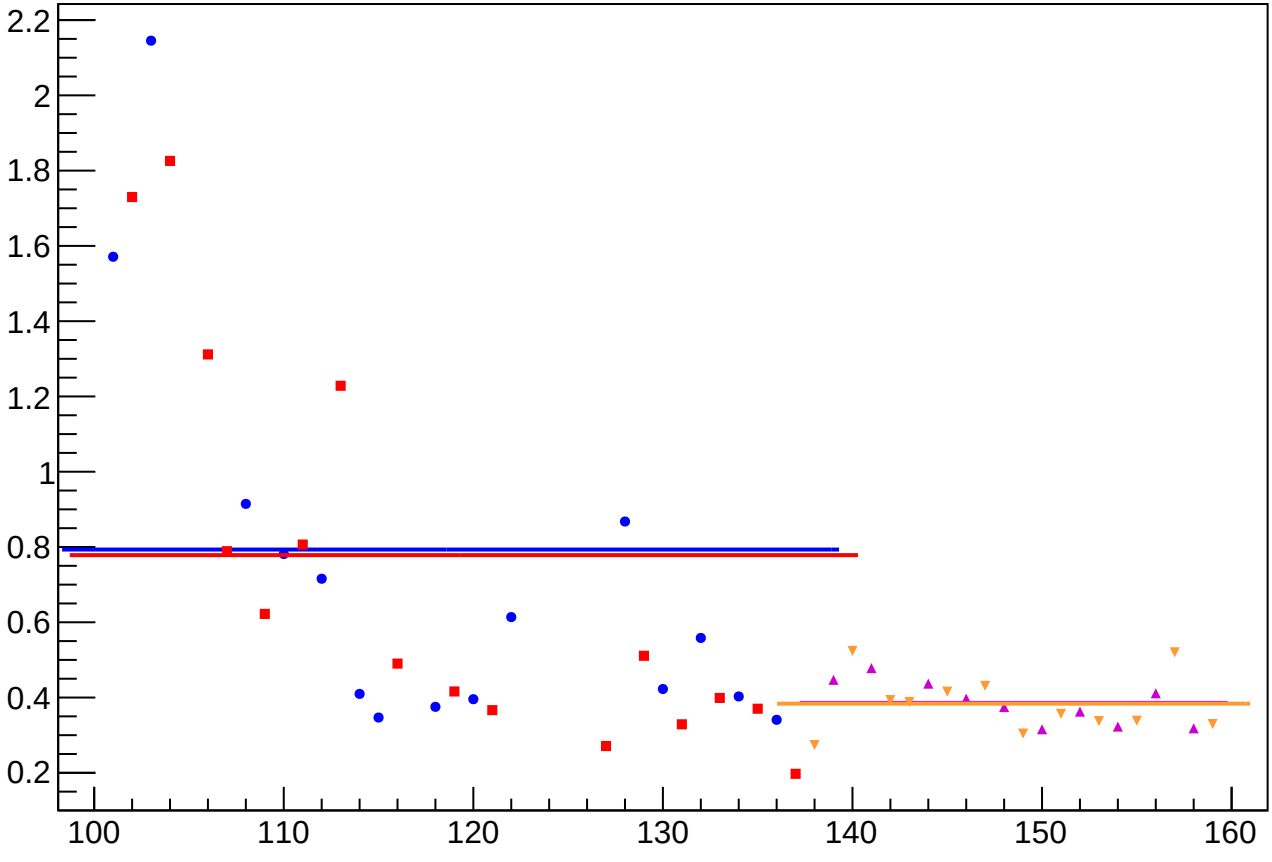
All: 4.204+/-0.000 χ^2/NDF: 2426571134797

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.286+/-0.000 χ^2/NDF: 1165537397356195

Left In: 4.480+/-0.000 χ^2/NDF:3205993180640177747357931982028 80.0/9

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 19550877717358948344031470000537 6.0/14

Left Out: 0.384+/-0.000 χ^2/NDF:5453192114665634094551262035968.0/11

Right Out: 0.778+/-0.000 χ^2/NDF: 18581463577218330606390369006387 2.0/15

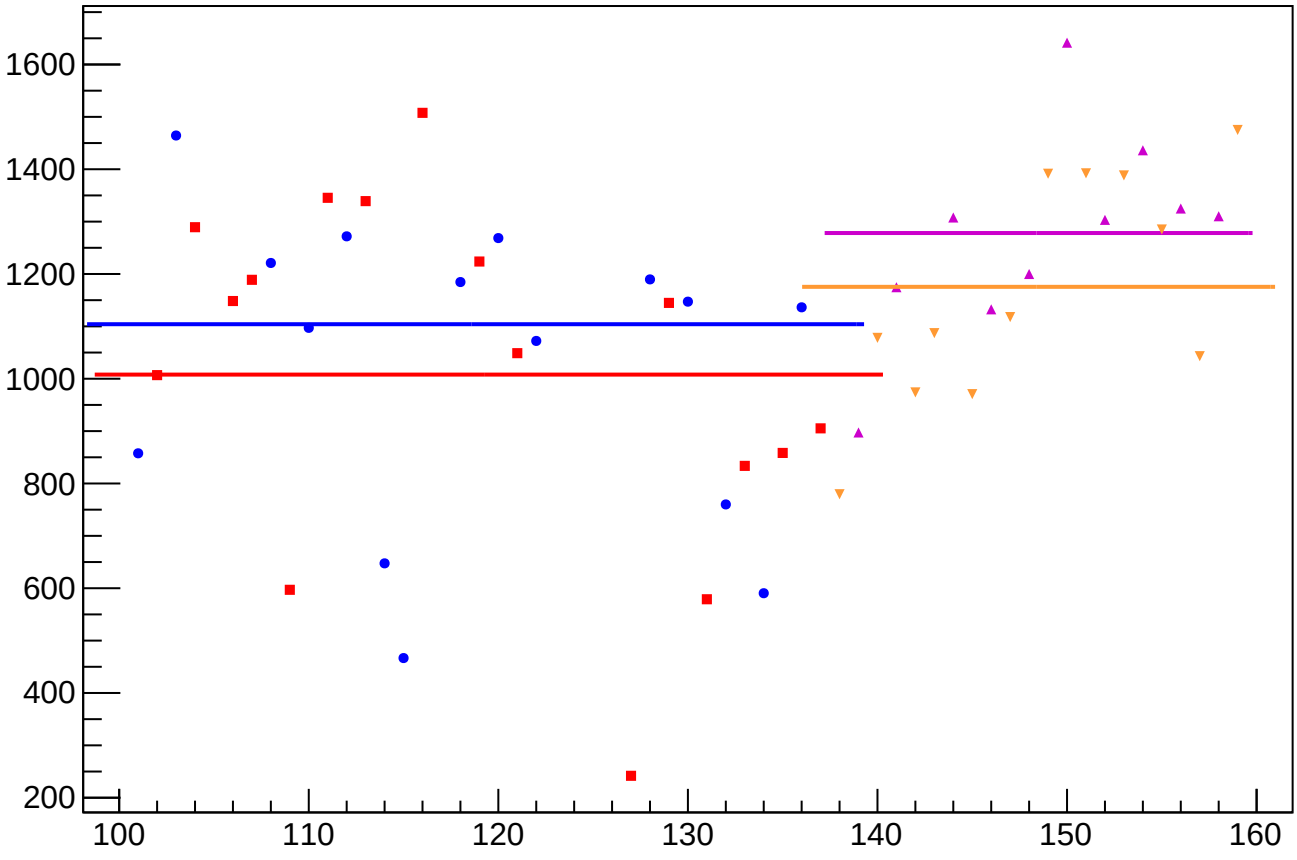
Left In: 0.386+/-0.000 χ^2/NDF:2553757742746495135255399235584.0/9

+ sign 0.553+/-0.000 χ^2/NDF: 2646878029813833 2

All: 0.556+/-0.000 χ^2/NDF: 5106973908720 3

- sign 0.558+/-0.000 χ^2/NDF: 2459905245112058 6

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

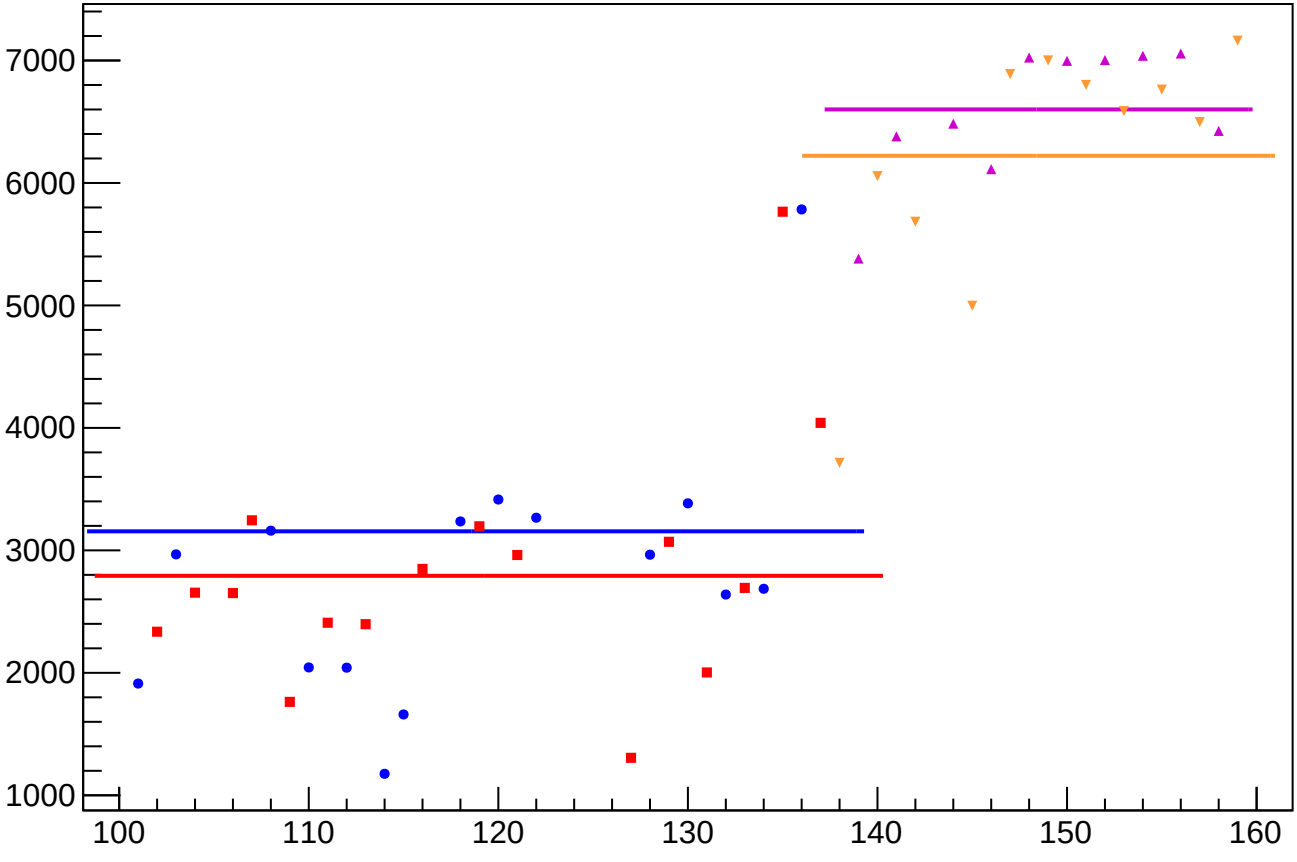
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

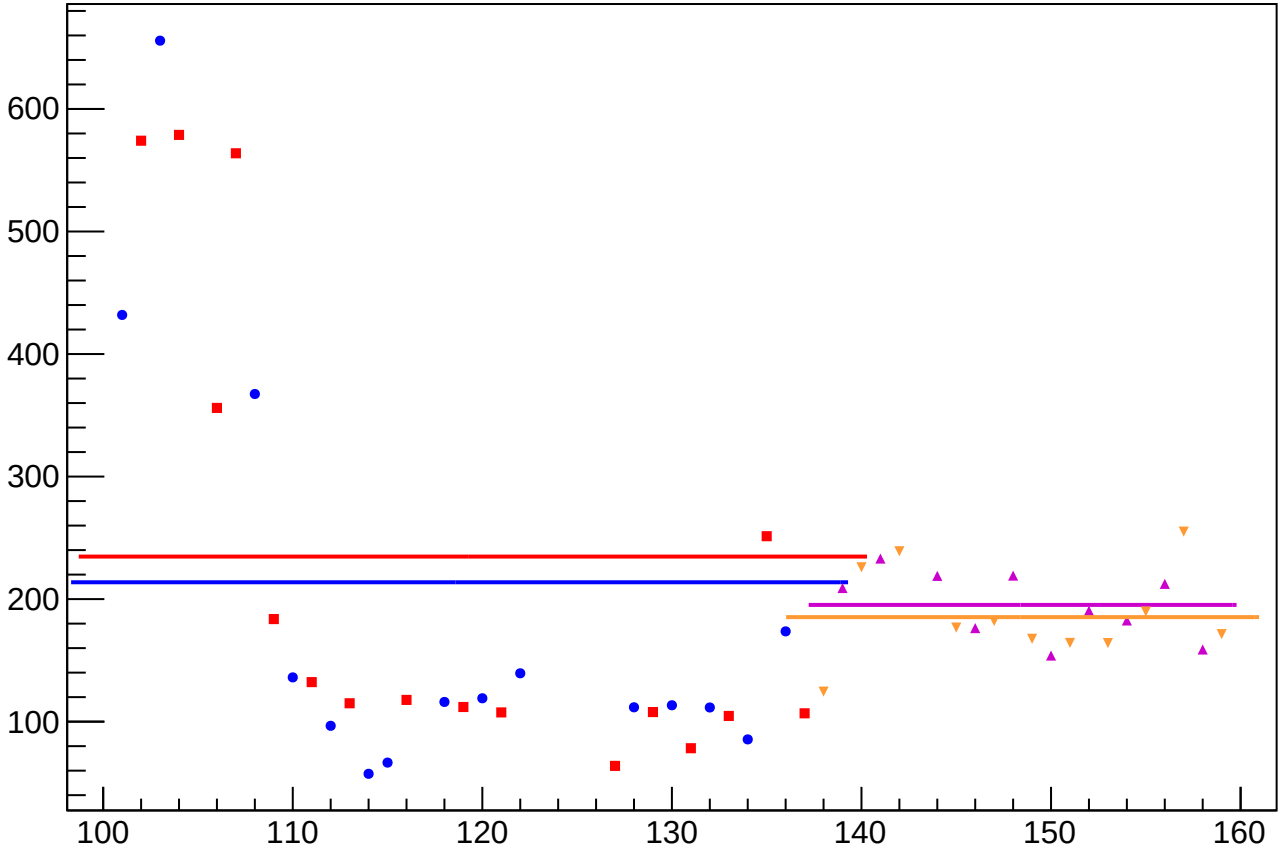
- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 4894.279+/-0.000 χ^2/NDF: 5214109324107 7
Left Out: 6221.938+/-0.000 χ^2/NDF:849977473152285312907595623686819807232.0/10
All: 4910.254+/-0.000 χ^2/NDF: 1153443039 6
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 4926.040+/-0.000 χ^2/NDF: 63195604735317
Left Out: 6600.442+/-0.000 χ^2/NDF:2249420792869503917497497670971859 92704.0/9

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

+ sign 197.608+/-0.000 χ^2/NDF: 210796902102864

Left Out: 185.291+/-0.000 χ^2/NDF:106372867400635059066183874614866739 2.0/10

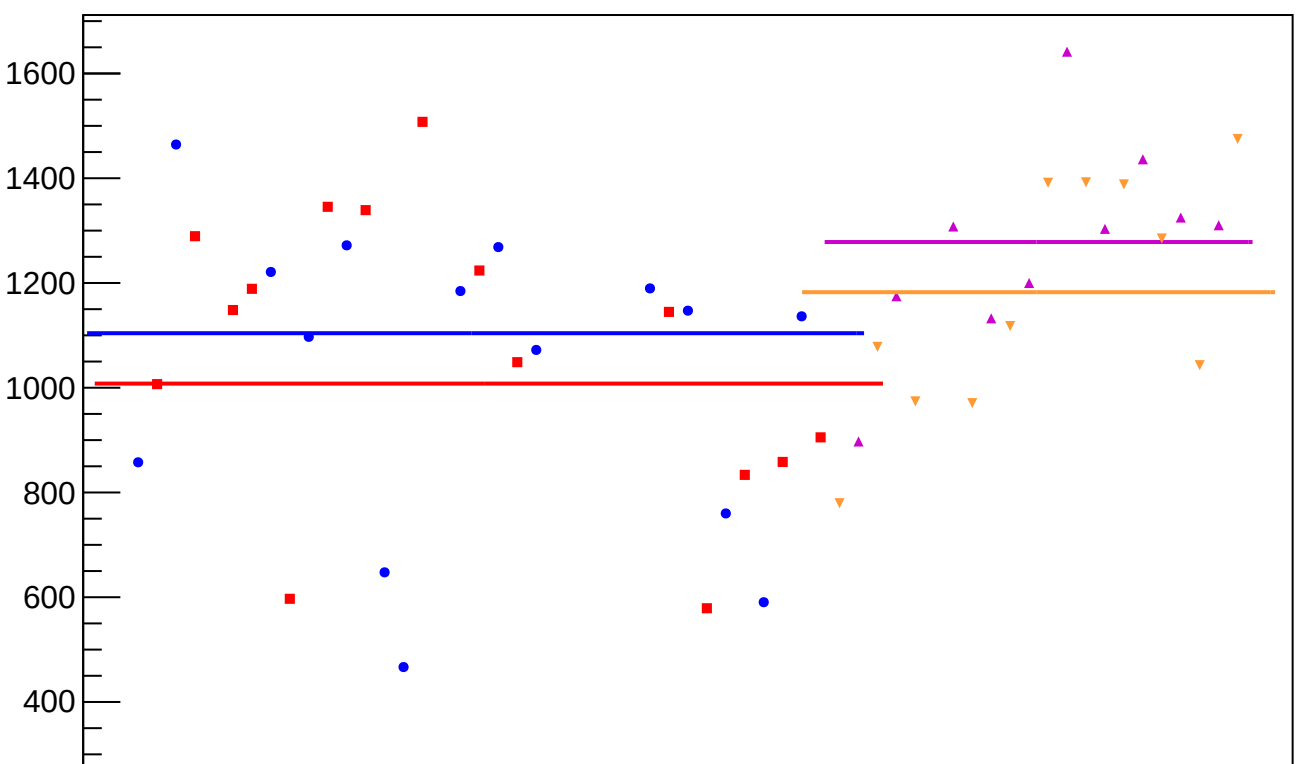
All: 205.154+/-0.000 χ^2/NDF: 46411445686 8

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

- sign 212.610+/-0.000 χ^2/NDF: 251620584295442

Left In: 195.266+/-0.000 χ^2/NDF:567404487498909276713340898319007744.0/9

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1182.447+/-0.000 χ^2/NDF:3940191667191960034866159270188862 6688.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

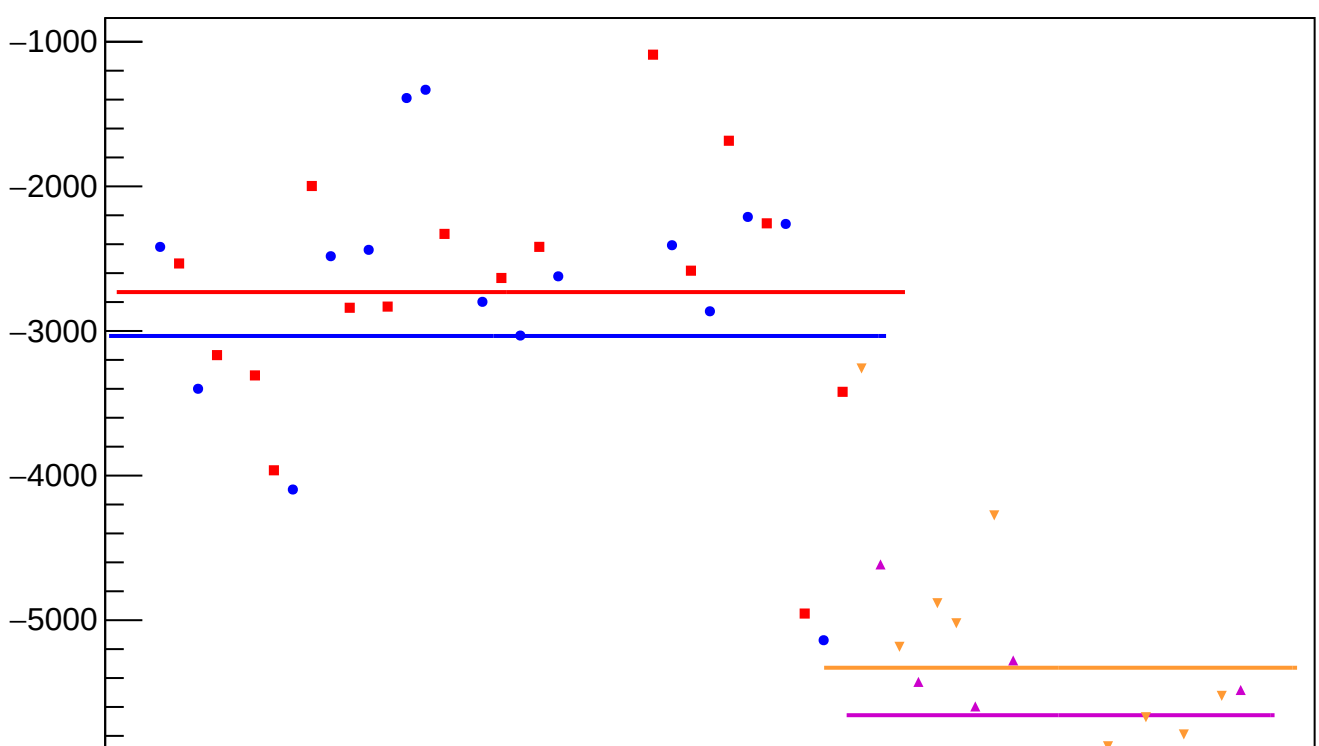
Left In: 1278.216+/-0.000 χ^2/NDF:2956543845886981179635953949984843 3664.0/9

+ sign 1148.531+/-0.000 χ^2/NDF: 7439808144107 1

All: 1153.980+/-0.000 χ^2/NDF: 2004376772 2

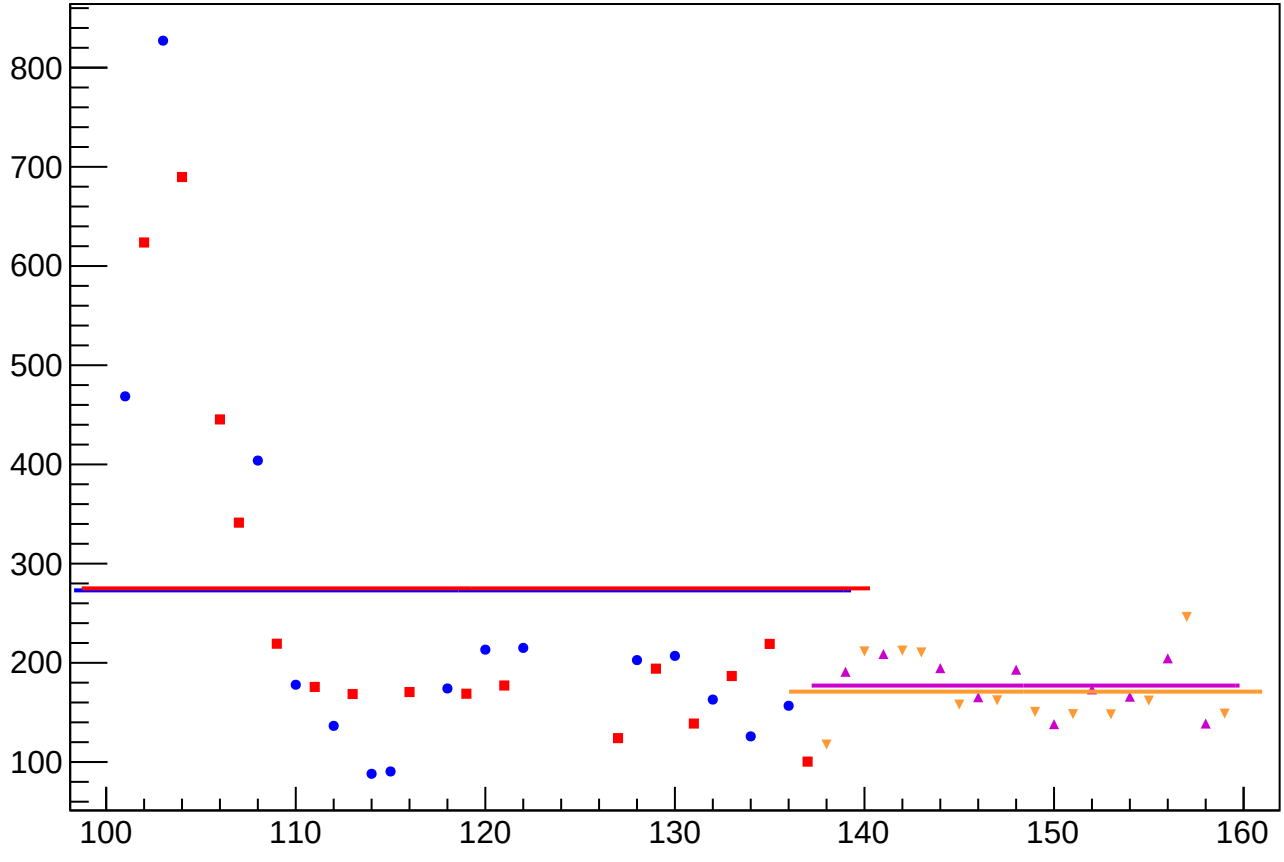
- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14
+ sign -4377.979+/-0.000 χ^2/NDF: 3255428000039
Left Out: -5328.796+/-0.000 χ^2/NDF:624360364489310892896763337628232712192.0/11
All: -4374.296+/-0.000 χ^2/NDF: 7146638390
Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15
- sign -4370.495+/-0.000 χ^2/NDF: 3891167240924 7
Left In: -5656.990+/-0.000 χ^2/NDF:16328489972559188613833806833831955660 8.0/9

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 170.956+/-0.000 χ^2/NDF:1172503860973970615331214508834160640.0/11

Right Out: 275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

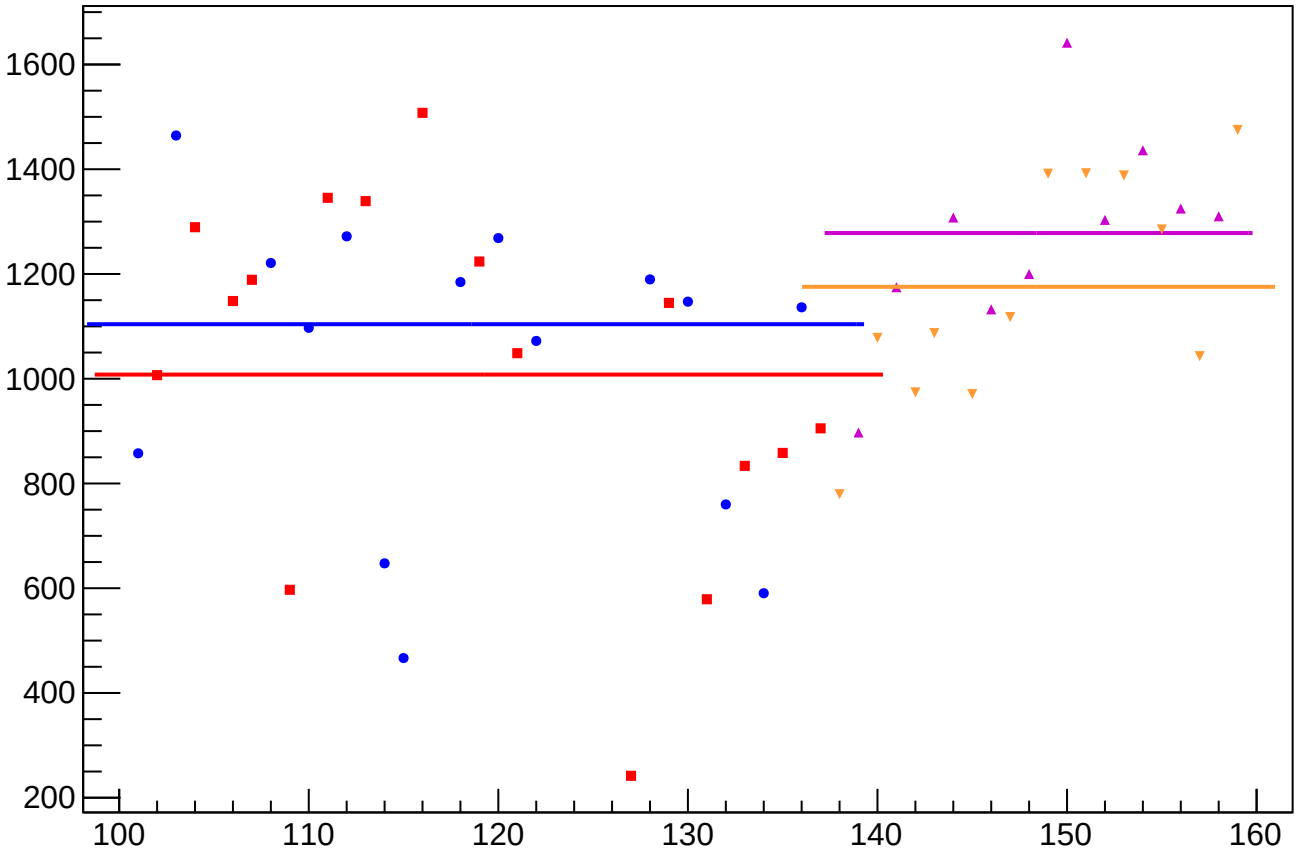
Left In: 177.068+/-0.000 χ^2/NDF:4912479290129371851758664252527738 88.0/9

+ sign 213.262+/-0.000 χ^2/NDF: 3161869953662 68

All: 216.649+/-0.000 χ^2/NDF: 5799877814 64

- sign 220.146+/-0.000 χ^2/NDF: 2634356642069 93

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

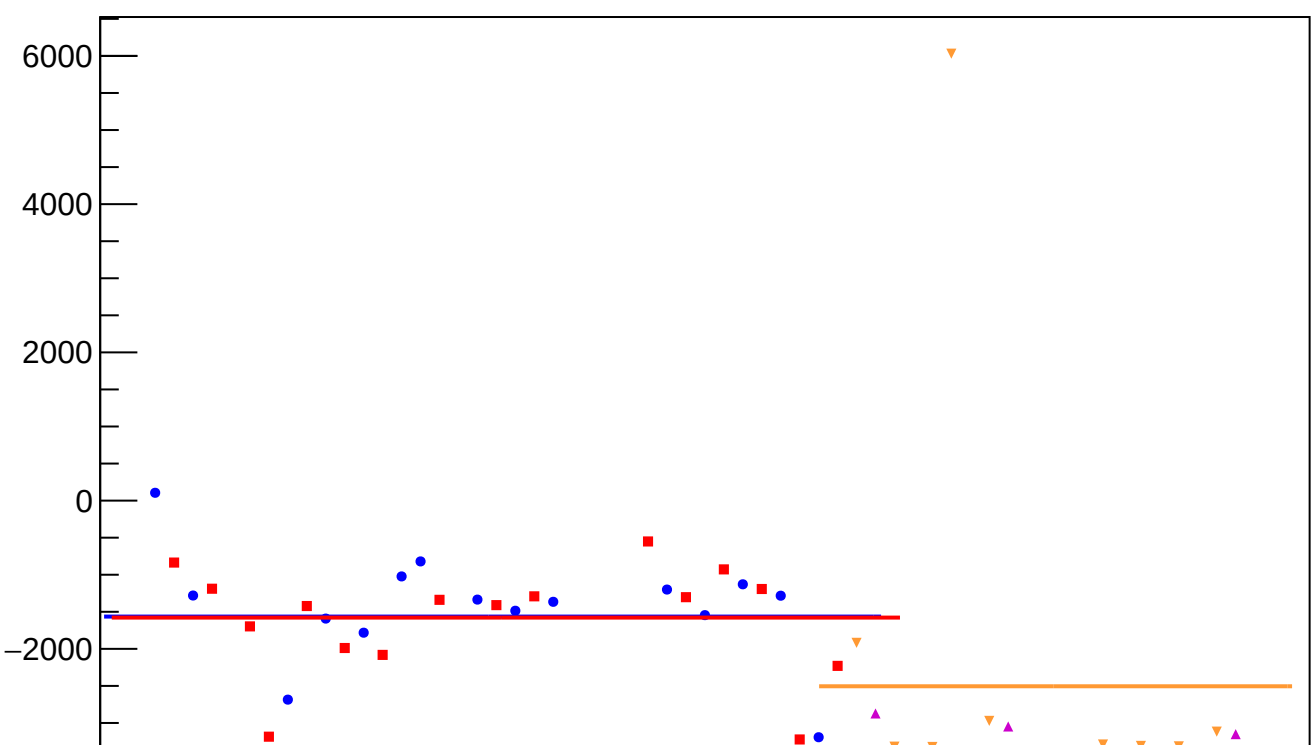
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

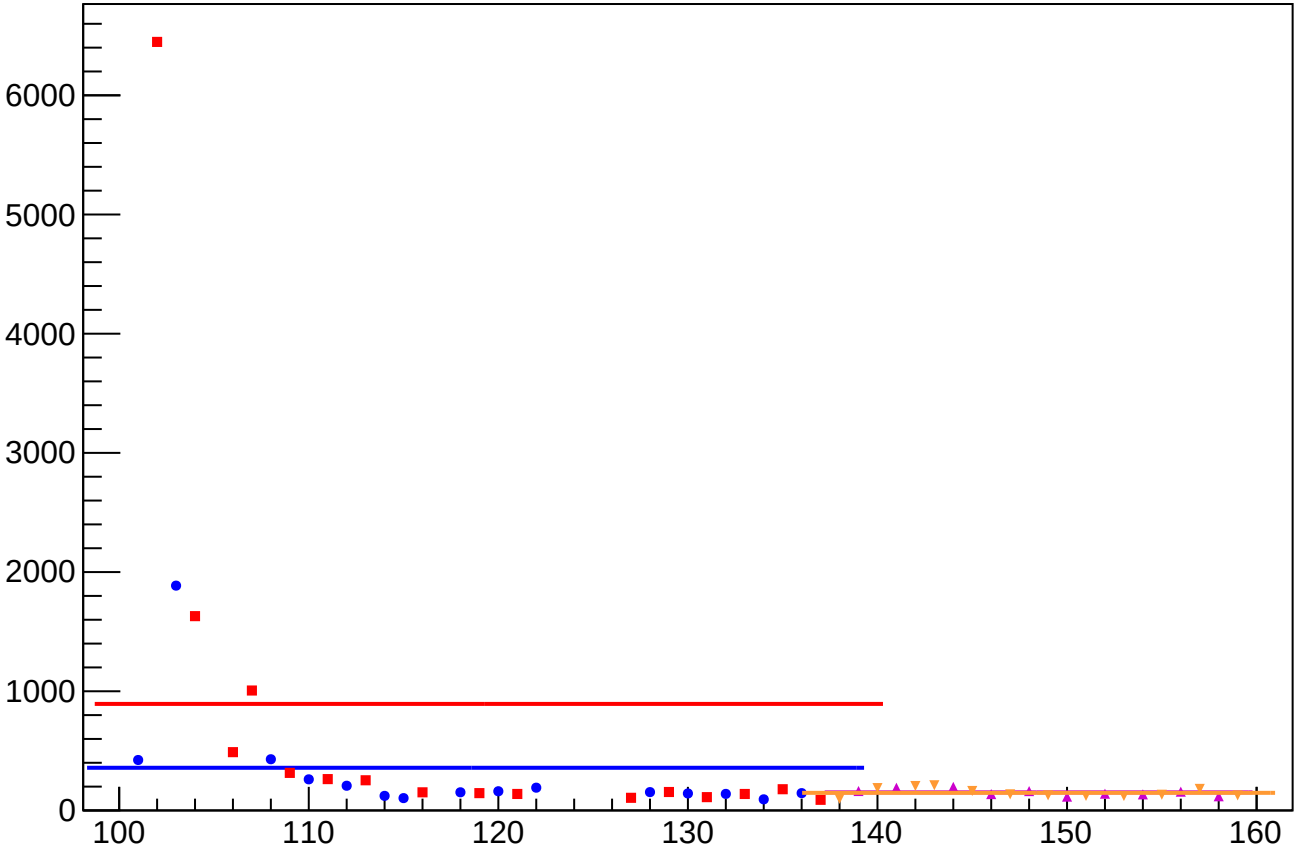
- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -2115.243+/-0.000 χ^2/NDF: 6242431119735
Left Out: -2504.960+/-0.000 χ^2/NDF:5422497697613230212283297952400402284544.0/11
All: -2344.790+/-0.000 χ^2/NDF: 8037154638
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2581.752+/-0.000 χ^2/NDF: 1627027326132 5
Left In: -3369.262+/-0.000 χ^2/NDF:5965454213560362688932153924446165401 6.0/9

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF: 157922789145697858165644452090202816512.0/14

+ sign 234.990+/-0.000 χ^2/NDF: 17578822260845

Left Out: 147.874+/-0.000 χ^2/NDF:1073020519575473807448825753294077952.0/11

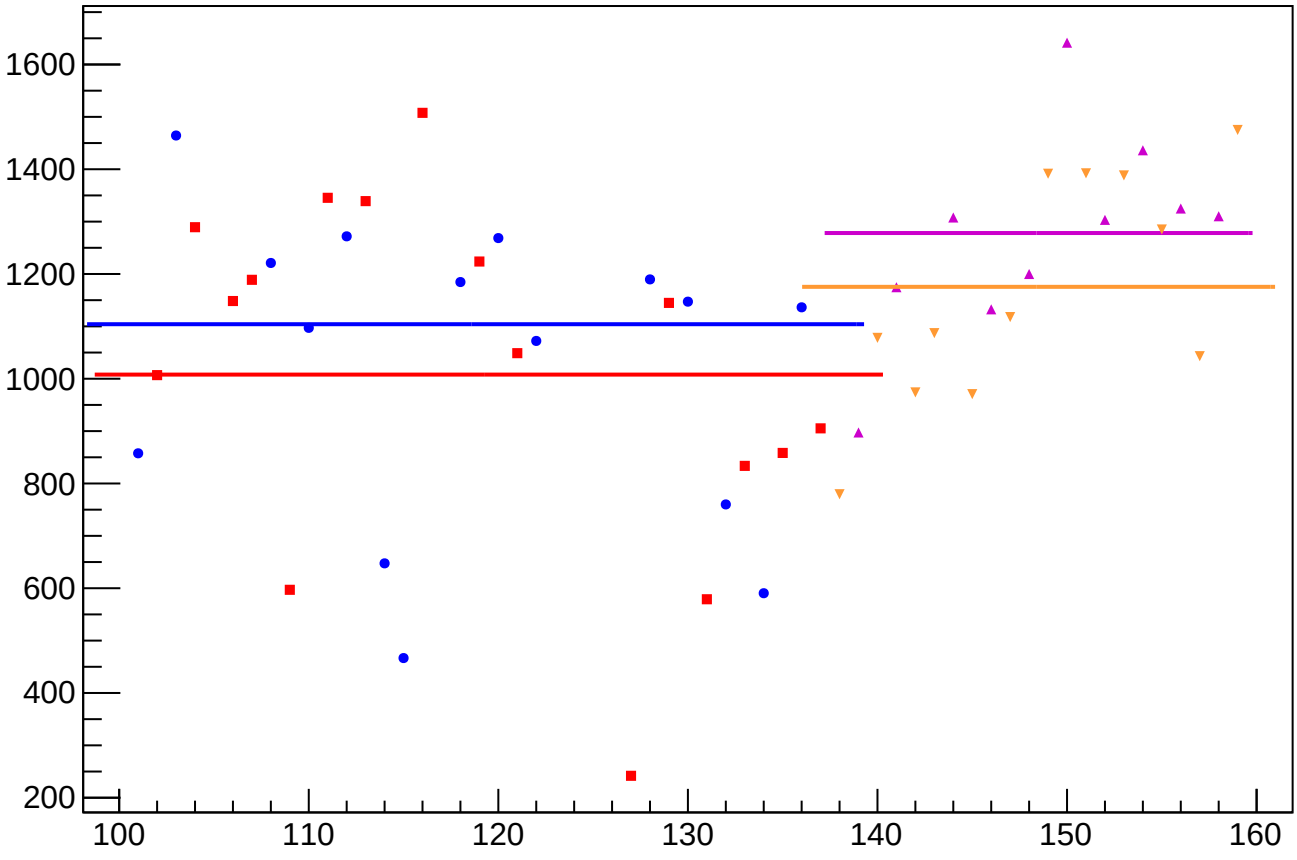
All: 354.657+/-0.000 χ^2/NDF: 2503596013

Right Out: 893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15

- sign 478.190+/-0.000 χ^2/NDF: 228223240352452

Left In: 151.982+/-0.000 χ^2/NDF:5965465874339603026628115332270653 44.0/9

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

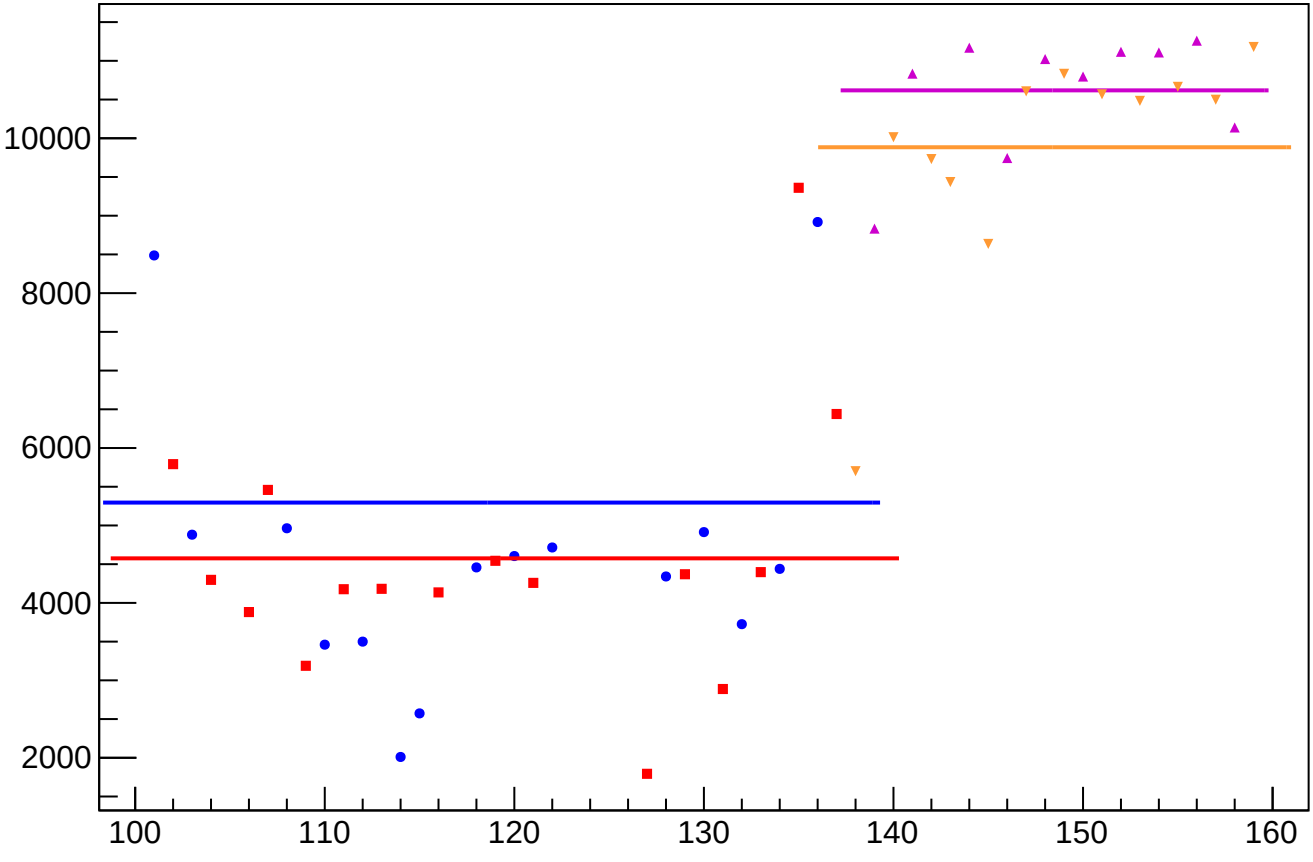
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9883.978+/-0.000 χ^2/NDF:190242889100524840855333644976504019353 6.0/11

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

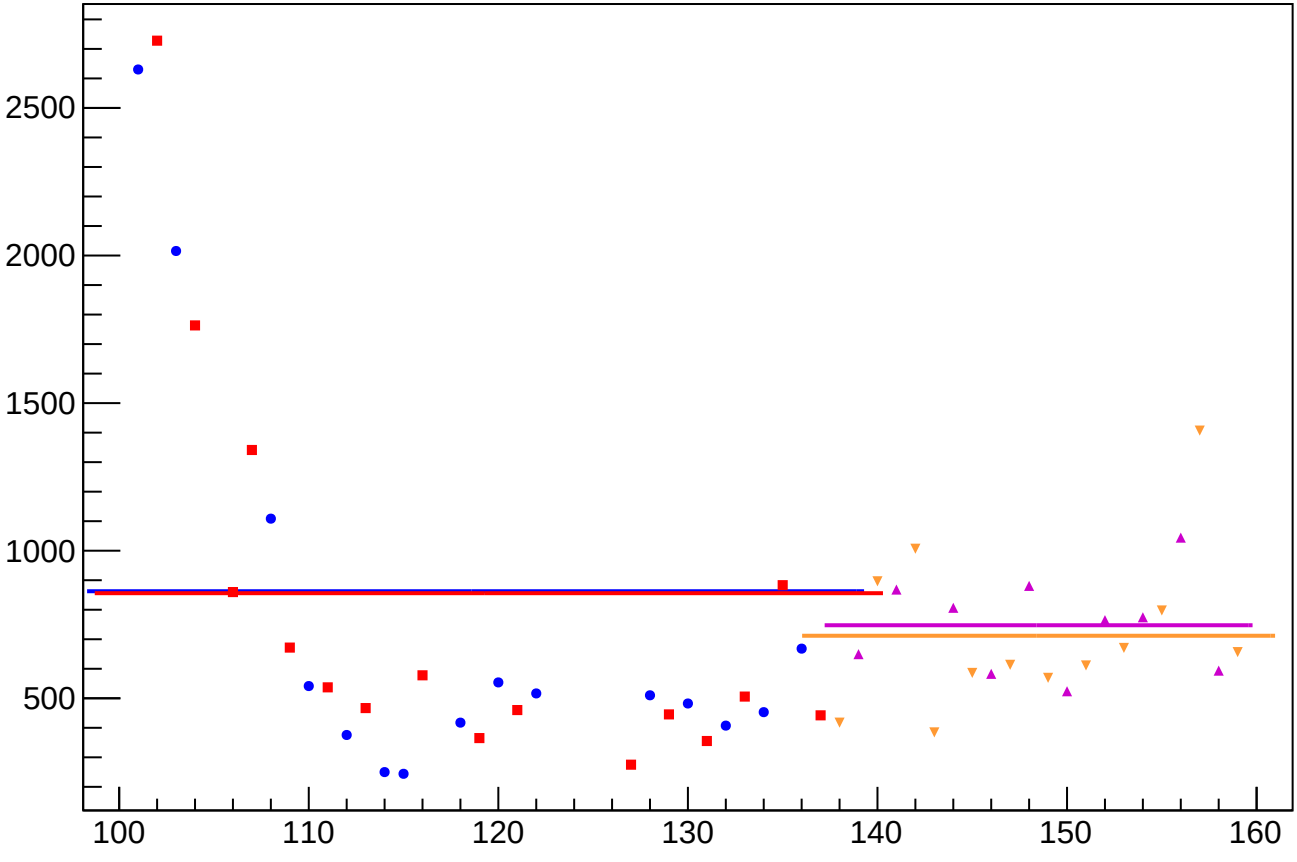
Left In: 10618.590+/-0.000 χ^2/NDF:463587546533557422210478209642530865152.0/9

+ sign 7982.361+/-0.000 χ^2/NDF: 1240940669468 6

All: 7972.067+/-0.000 χ^2/NDF: 2838595018 0

- sign 7961.441+/-0.000 χ^2/NDF: 15976206264587

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

+ sign 774.380+/-0.000 χ^2/NDF: 4107185691792 73

Left Out: 711.884+/-0.000 χ^2/NDF:643925084046209920087619394177083637 76.0/11

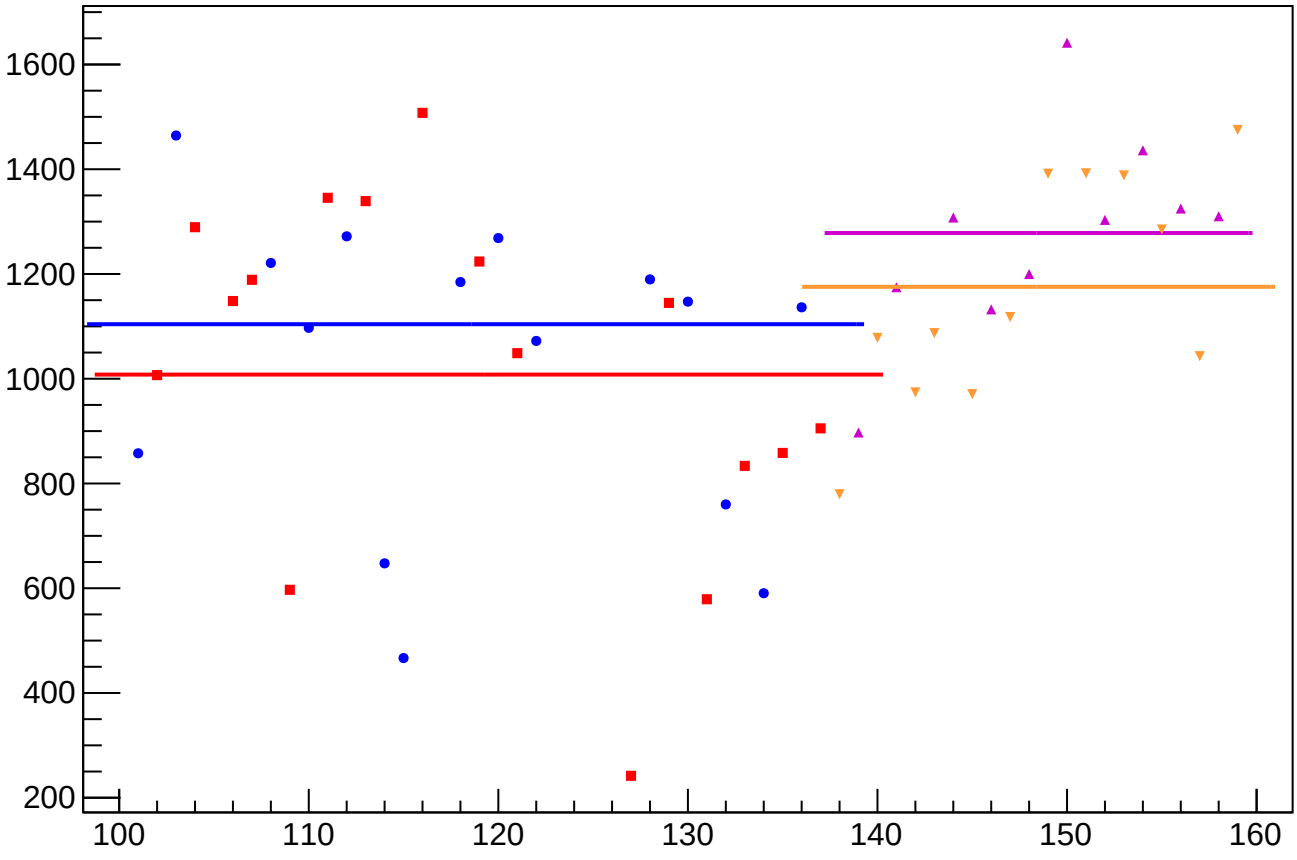
All: 784.631+/-0.000 χ^2/NDF: 7623337338 12

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

- sign 795.214+/-0.000 χ^2/NDF: 3512807131315 73

Left In: 747.468+/-0.000 χ^2/NDF:196784534797800097942963872840244264 96.0/9

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

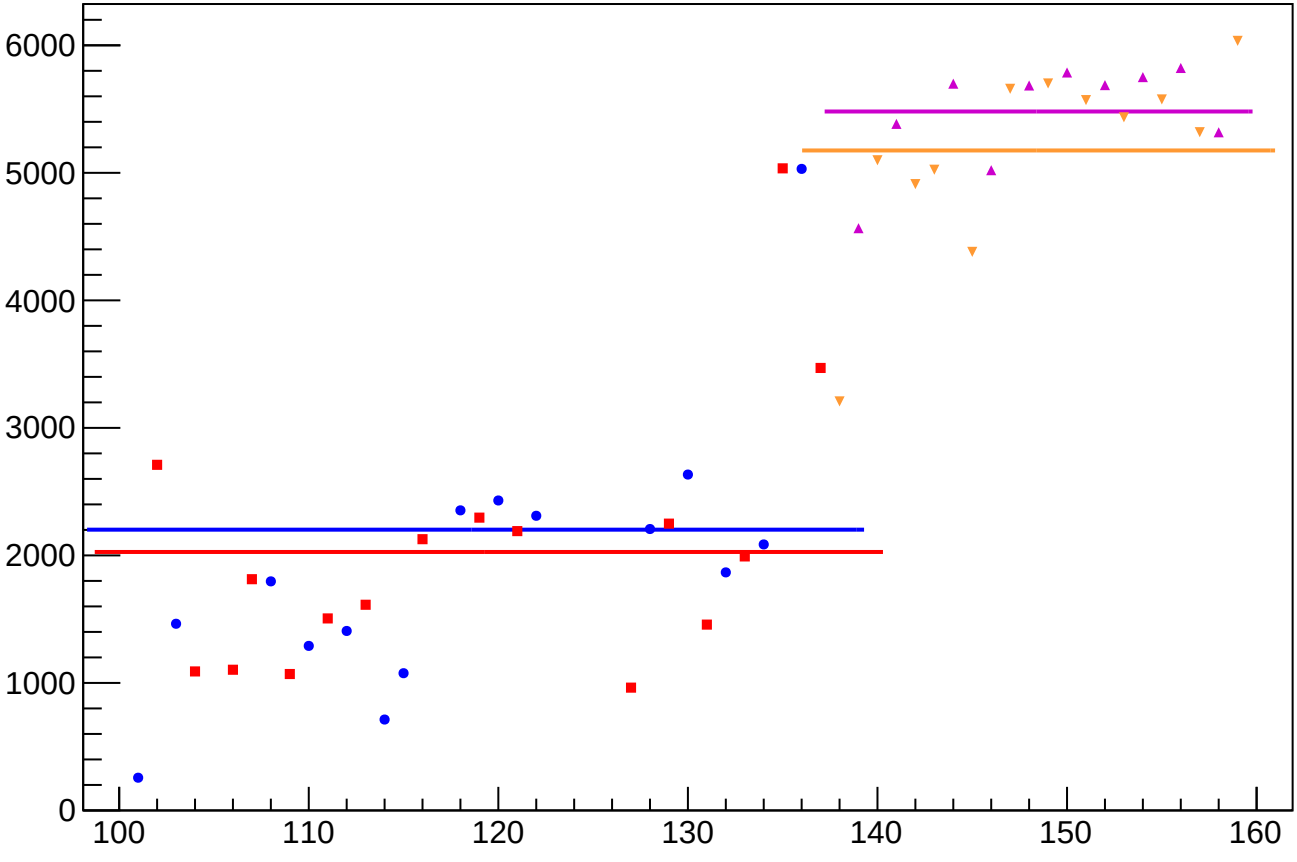
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 3943.116+/-0.000 χ^2/NDF: 4938181334007

Left Out: 5175.489+/-0.000 χ^2/NDF:4911630823988612447776806044453222248192.0/11

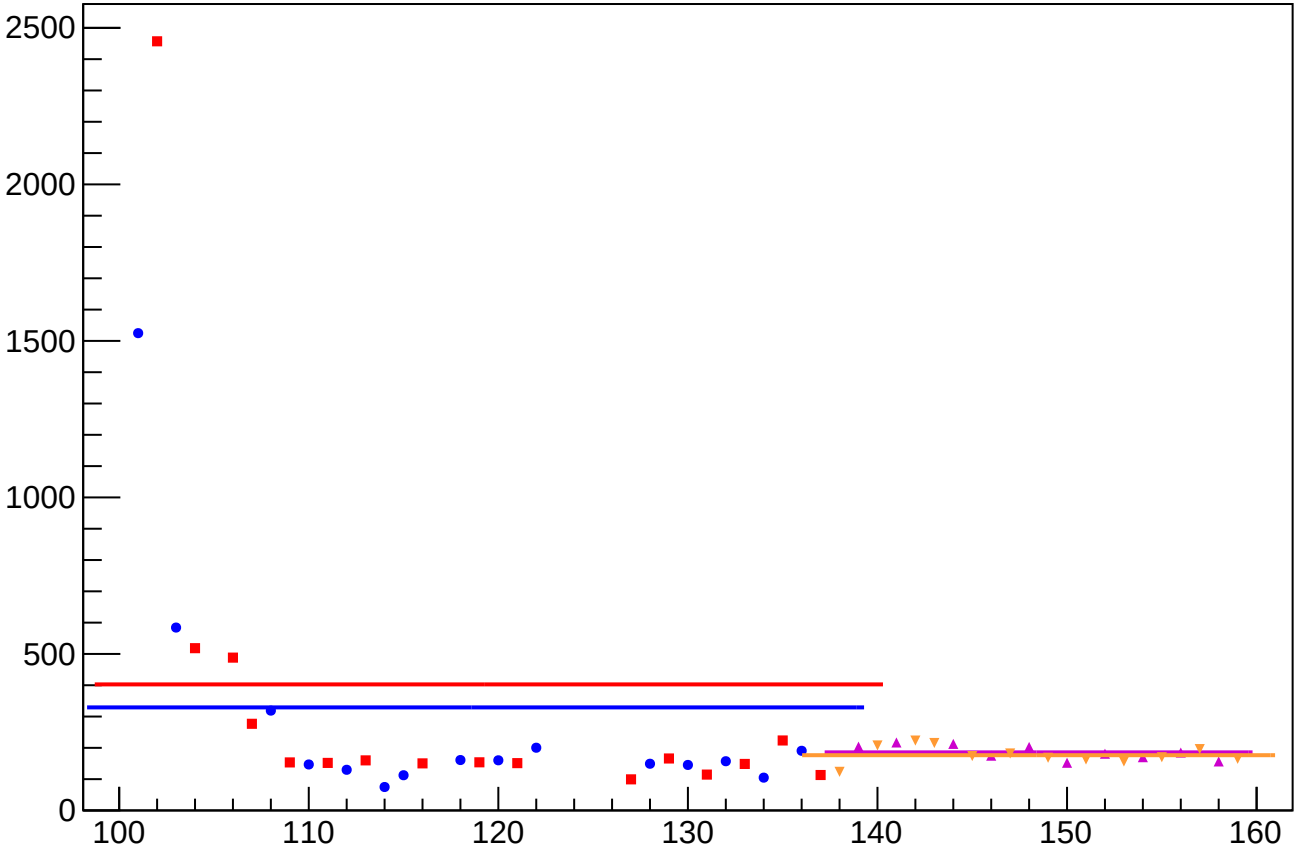
All: 3952.566+/-0.000 χ^2/NDF: 1022996930

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 3962.322+/-0.000 χ^2/NDF: 52915037300096

Left In: 5481.005+/-0.000 χ^2/NDF:1241302837395643108985012322443334778 88.0/9

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

+ sign 239.808+/-0.000 χ^2/NDF: 11275128169516 0

Left Out: 176.521+/-0.000 χ^2/NDF:6039540206495428096578451207786332 16.0/11

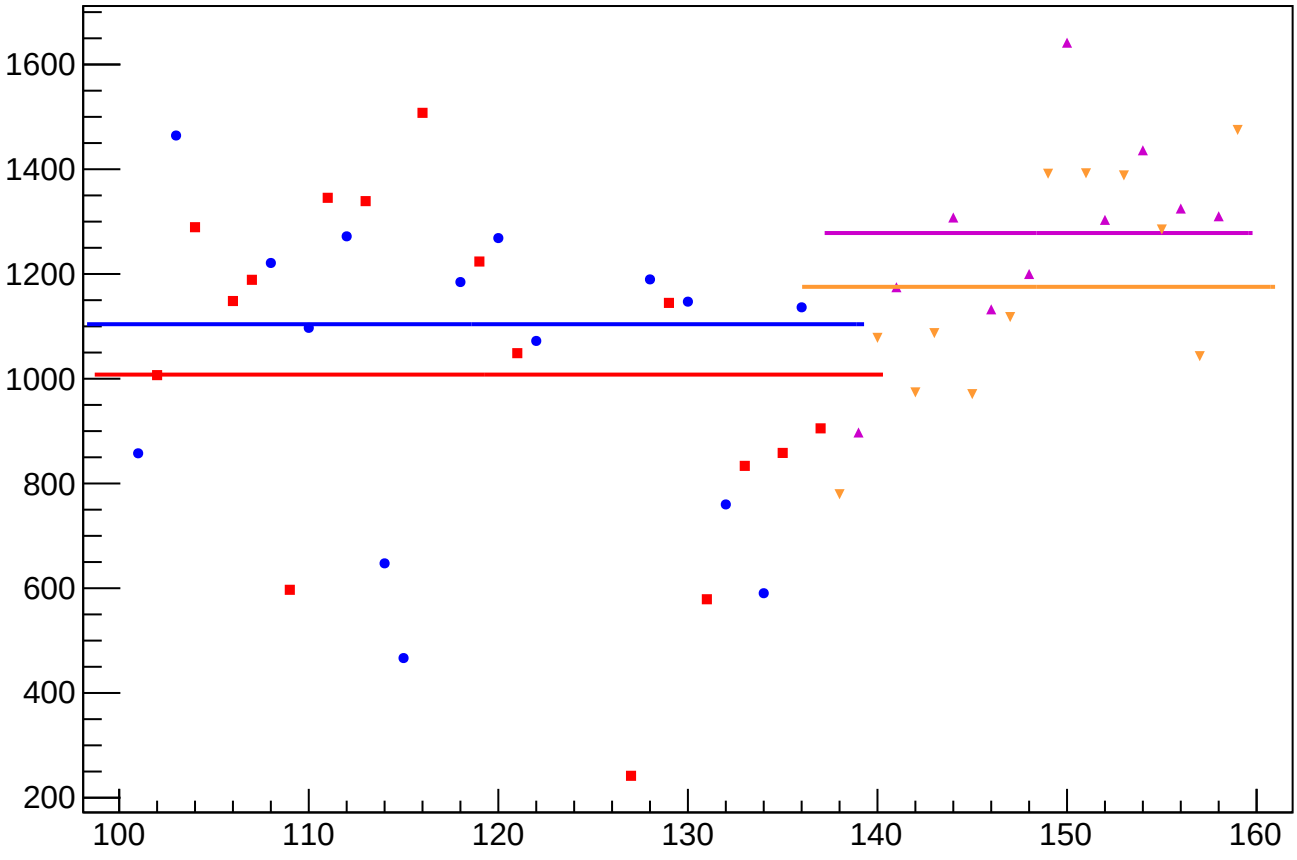
All: 260.096+/-0.000 χ^2/NDF: 40971680698 3

Right Out: 402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

- sign 281.039+/-0.000 χ^2/NDF: 2956555842022 84

Left In: 185.579+/-0.000 χ^2/NDF:4028951456593135660517056342822748 16.0/9

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

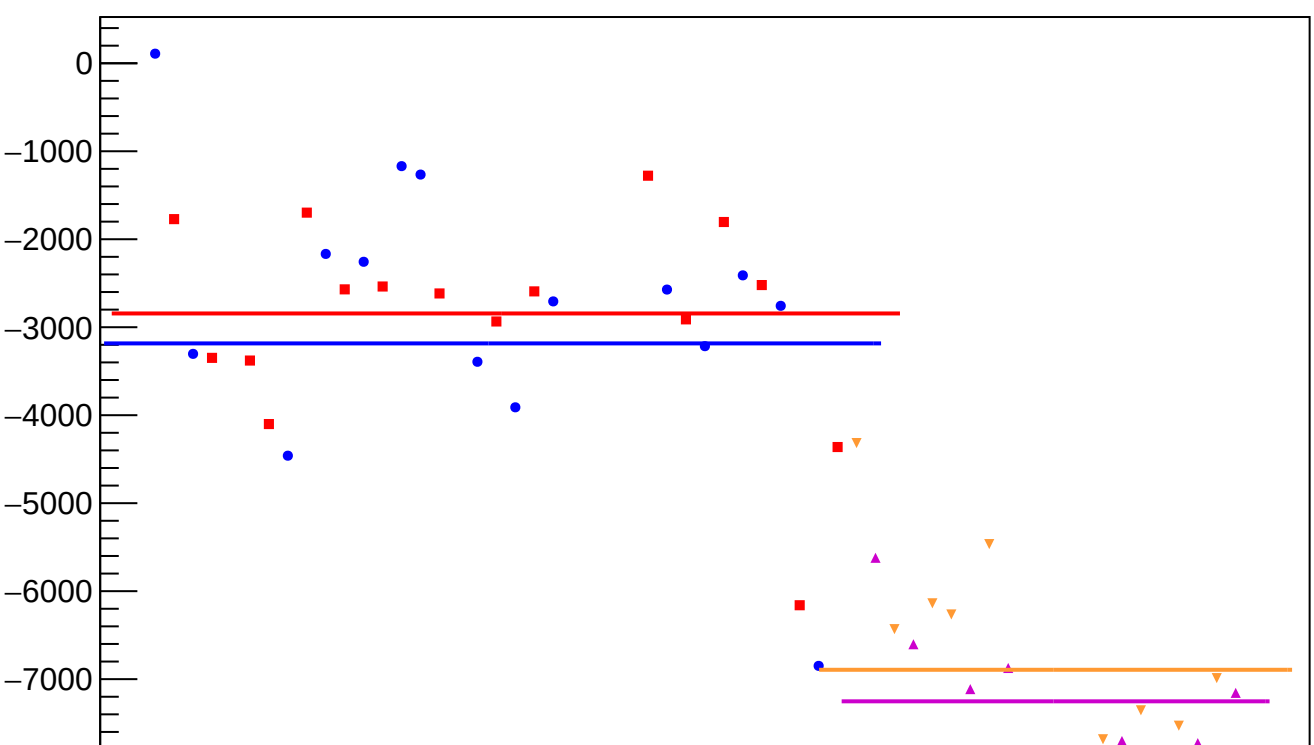
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

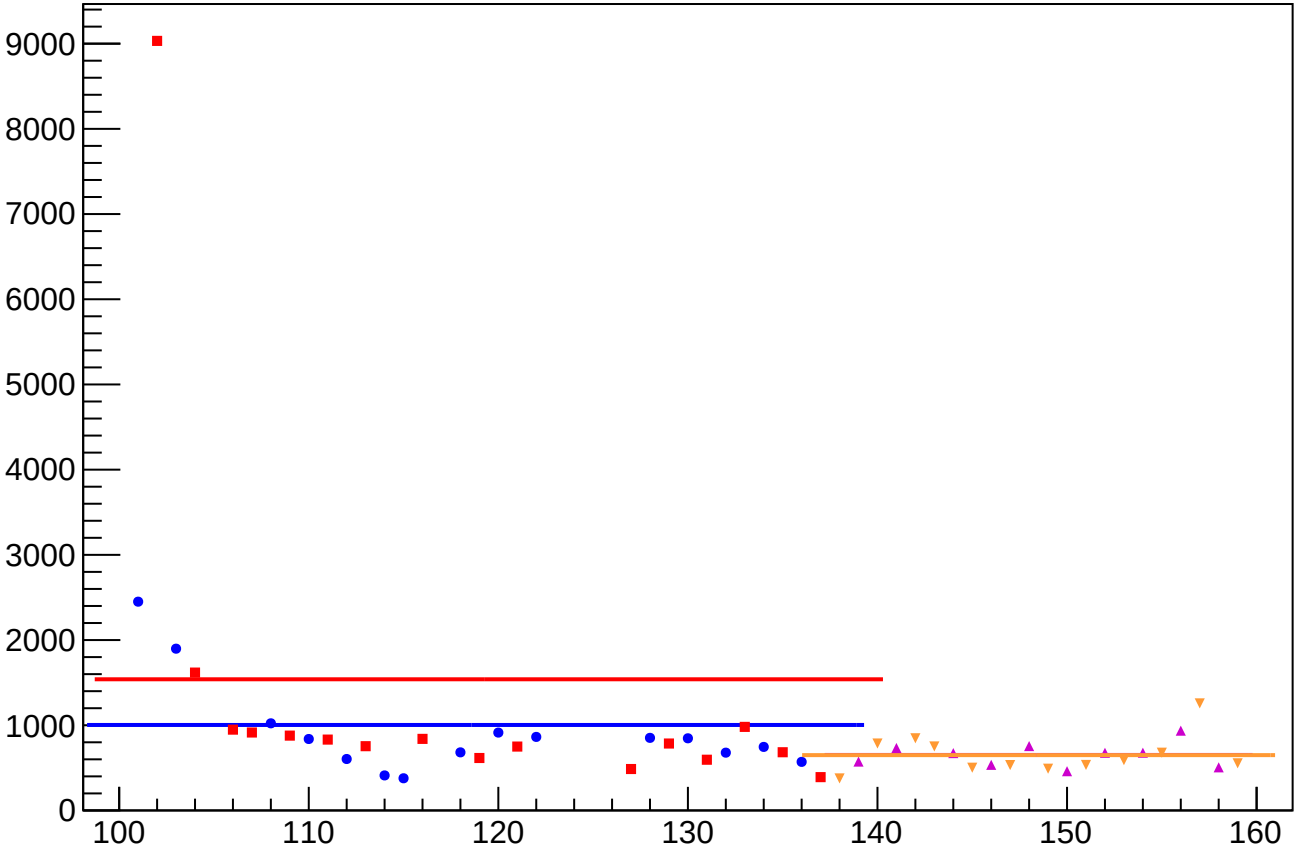
- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_atr2_coil3_mean vs Slug



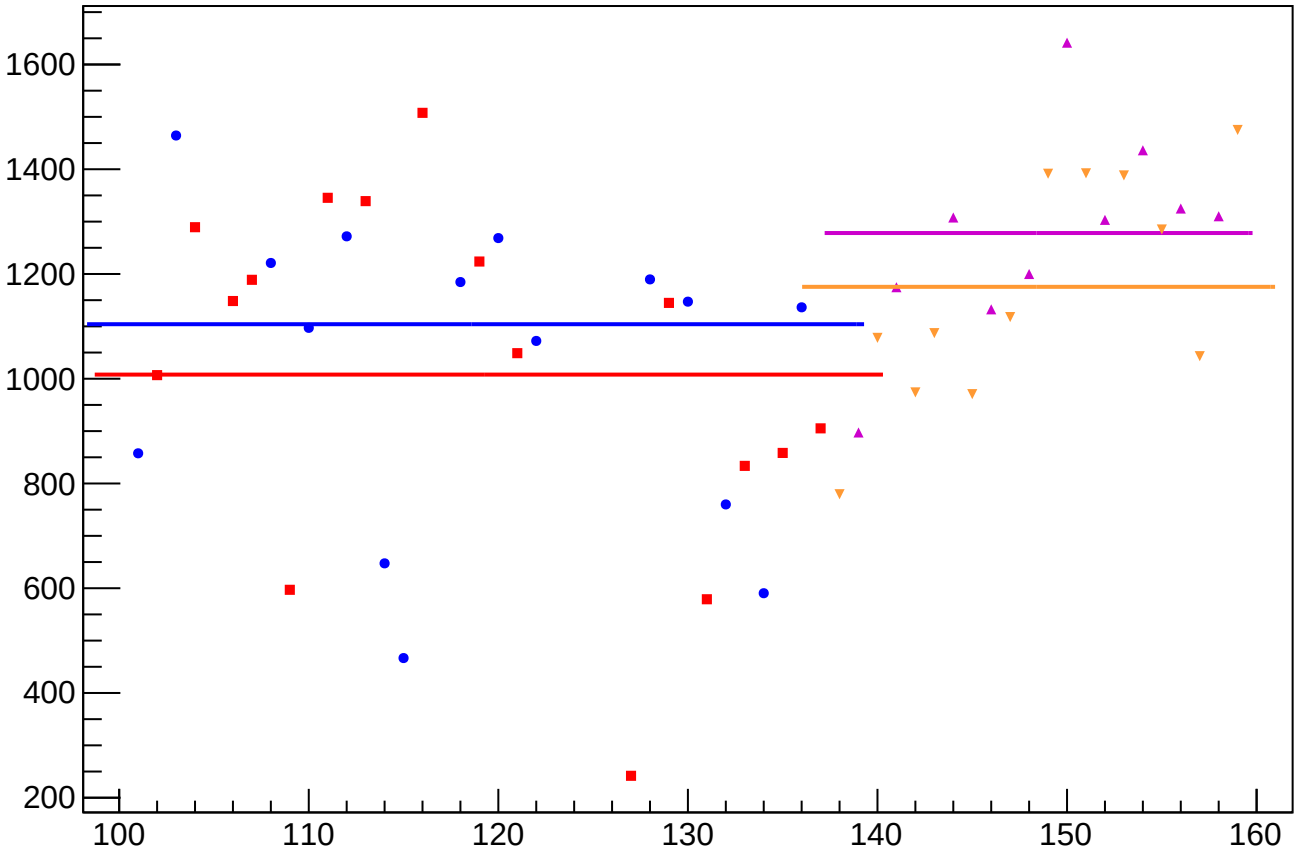
Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -5356.219+/-0.000 χ^2/NDF: 8531737355376
Left Out: -6893.642+/-0.000 χ^2/NDF:116679699255139559190048971936861729587 2.0/11
All: -5335.312+/-0.000 χ^2/NDF: 1714485798
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
- sign -5313.731+/-0.000 χ^2/NDF: 8611729578271 6
Left In: -7252.059+/-0.000 χ^2/NDF:4013603975316638194701783913507680419 84.0/9

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
+ sign 796.141+/-0.000 χ^2/NDF: 313492413123593
Left Out: 649.450+/-0.000 χ^2/NDF:460645701363968551689380234551298621 44.0/11
All: 917.085+/-0.000 χ^2/NDF: 42843792980 5
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1041.936+/-0.000 χ^2/NDF: 39243336902919
Left In: 651.442+/-0.000 χ^2/NDF:147716719544738993645913719785725624 32.0/9

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

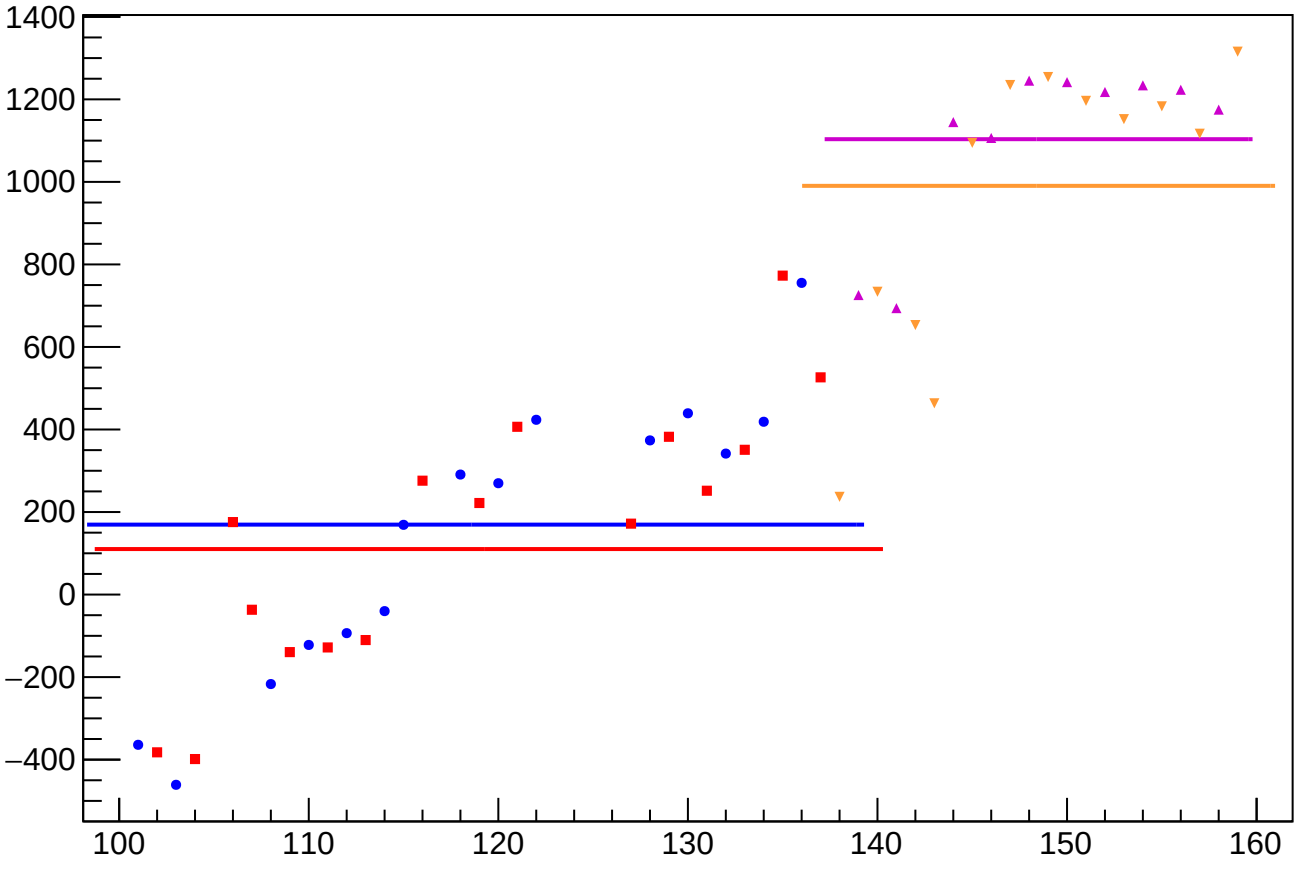
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

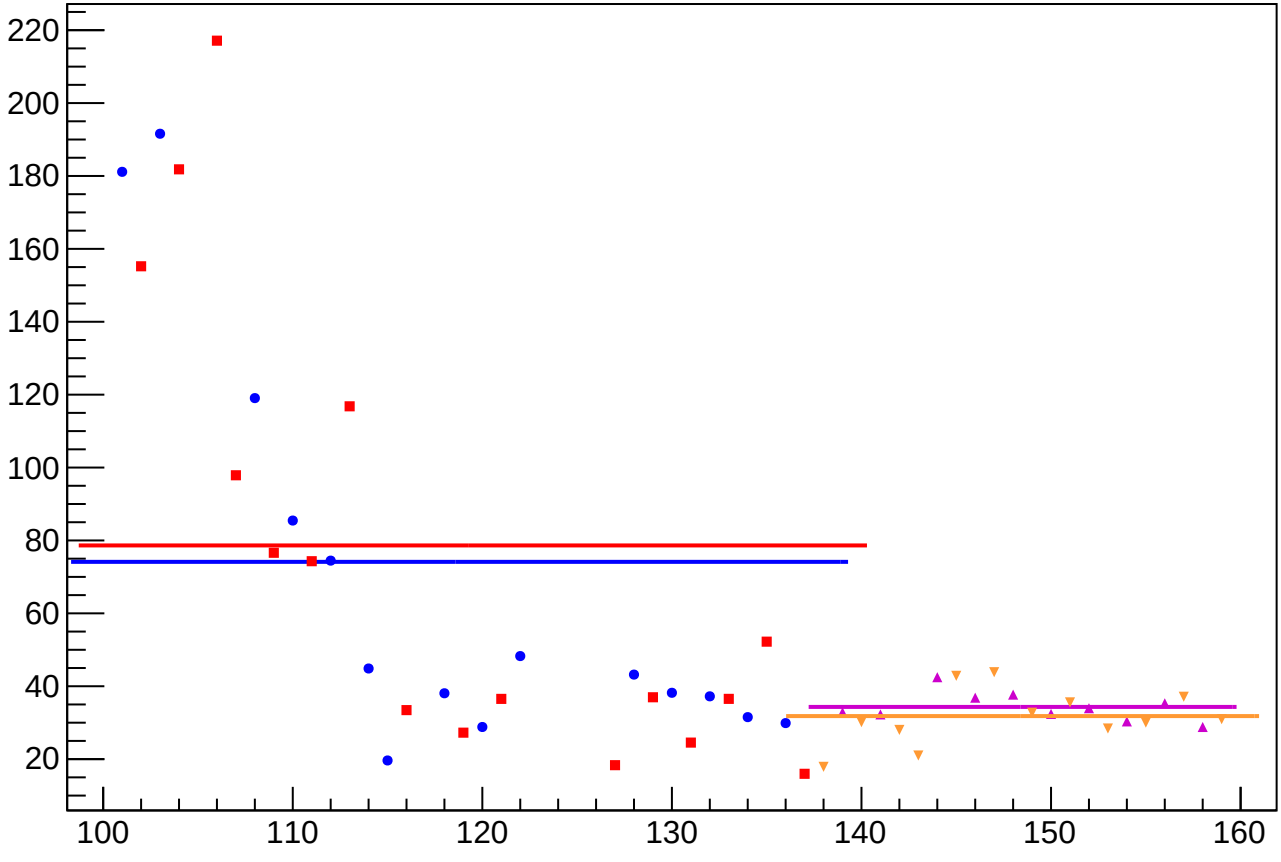
- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14
+ sign 650.206+/-0.000 χ^2/NDF: 454647994177762
Left Out: 990.430+/-0.000 χ^2/NDF:1030909105316597543128825016539917844 48.0/11
All: 658.367+/-0.000 χ^2/NDF: 928891546022
Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15
- sign 666.792+/-0.000 χ^2/NDF: 474031574038056
Left In: 1103.483+/-0.000 χ^2/NDF:335992754538379353732966985326489763 84.0/9

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Left Out: 31.811+/-0.000 χ^2/NDF:4971450270807435580451353344658636 8.0/11

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

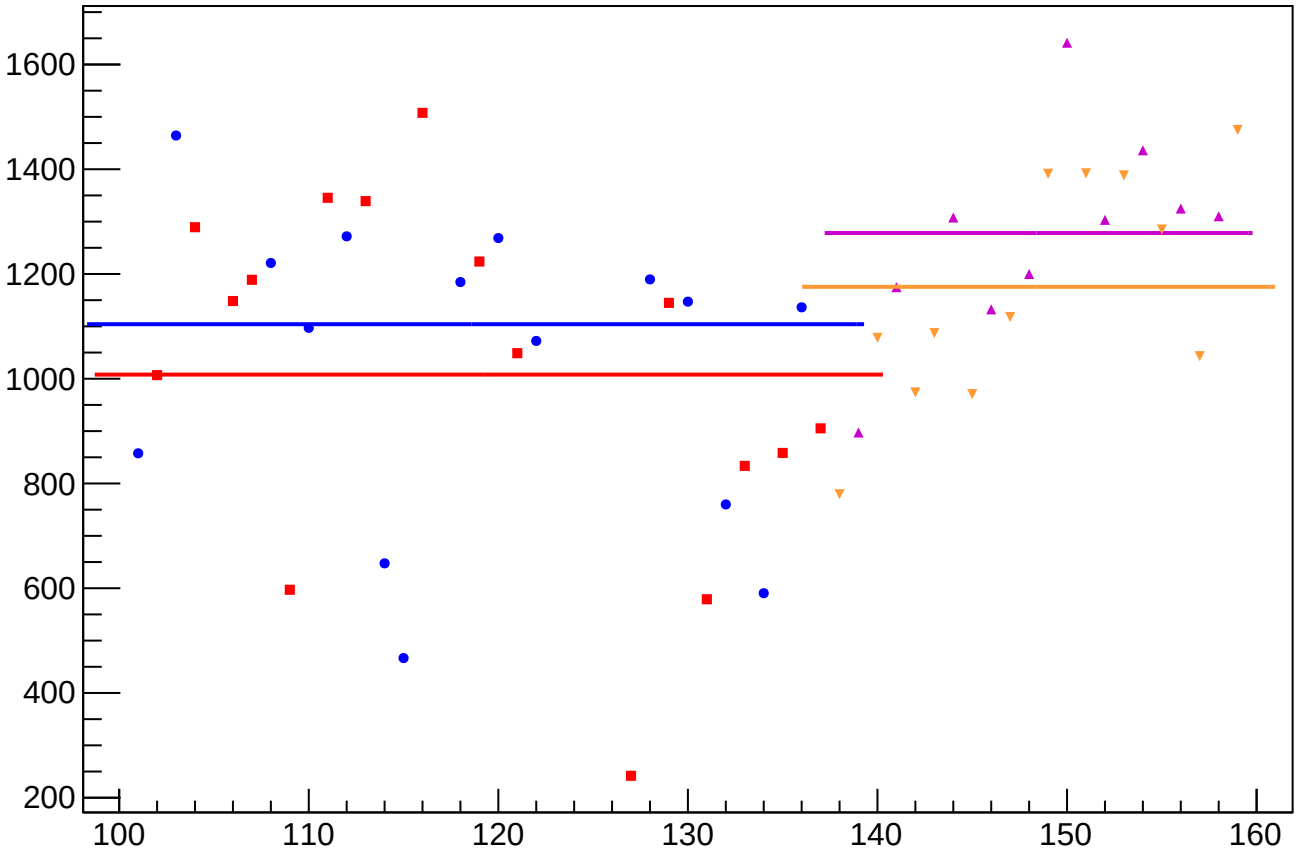
Left In: 34.328+/-0.000 χ^2/NDF:1222987144405781607912956712347238 4.0/9

+ sign 49.349+/-0.000 χ^2/NDF: 2898641022839379

All: 51.543+/-0.000 χ^2/NDF: 600302640806 5

- sign 53.808+/-0.000 χ^2/NDF: 3089063234369893

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

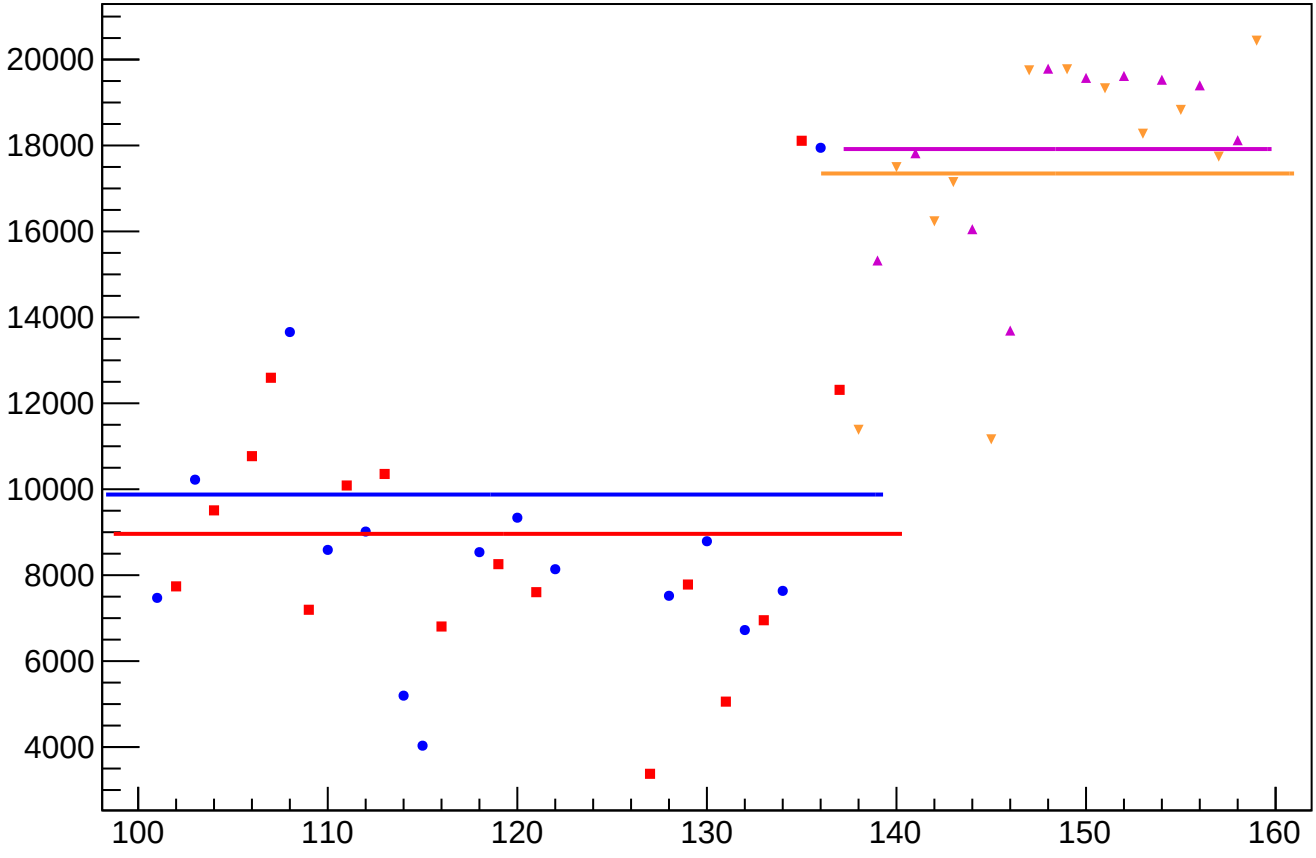
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 14251.650+/-0.000 χ^2/NDF: 3790609532840

Left Out: 17348.108+/-0.000 χ^2/NDF:8207548108596149921739030122495561695232.0/11

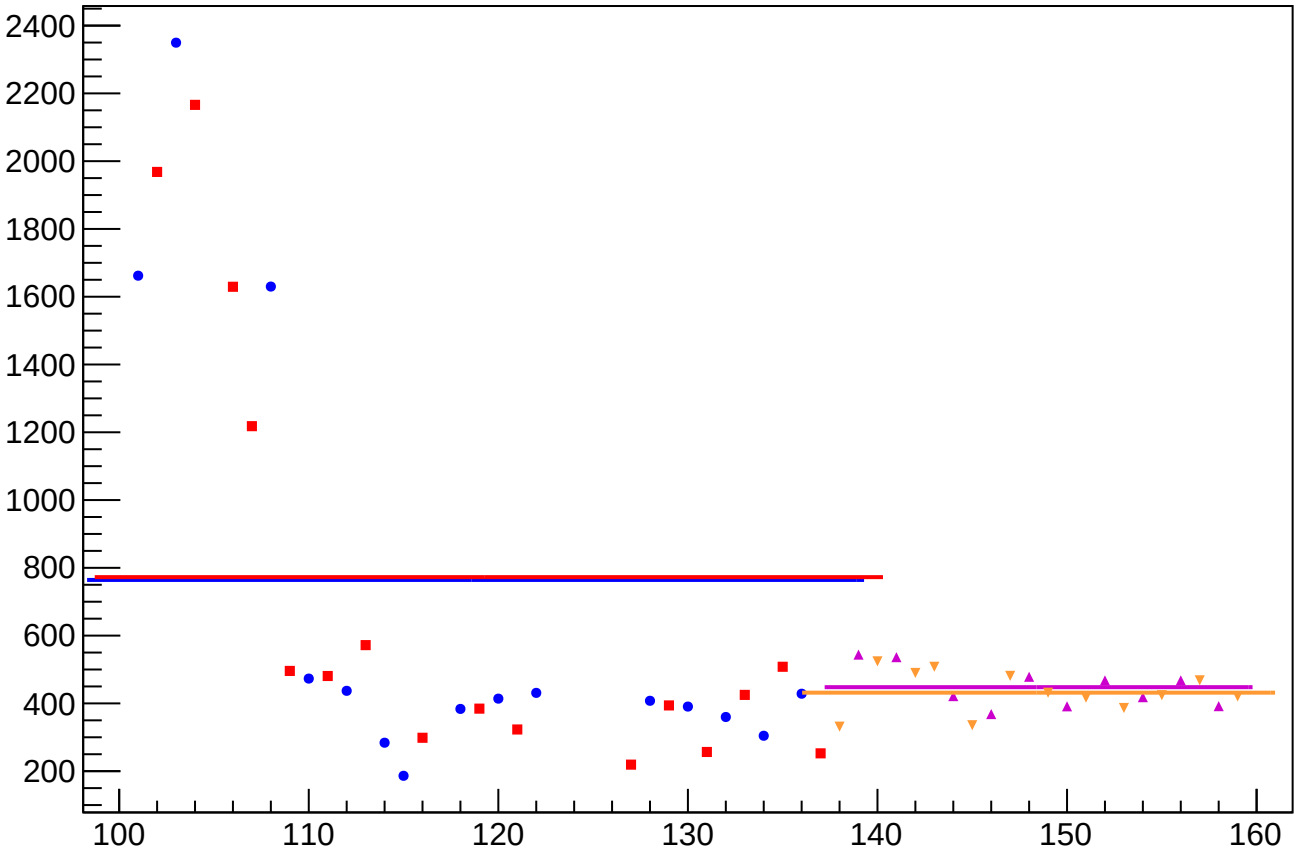
All: 14117.679+/-0.000 χ^2/NDF: 7906160930

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 13979.380+/-0.000 χ^2/NDF: 4109839238017

Left In: 17916.868+/-0.000 χ^2/NDF:3542569553800076248150385891804423651328.0/9

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

+ sign 569.511+/-0.000 χ^2/NDF: 336291177714798

Left Out: 431.662+/-0.000 χ^2/NDF:328042151415945122222291980456348876 8.0/11

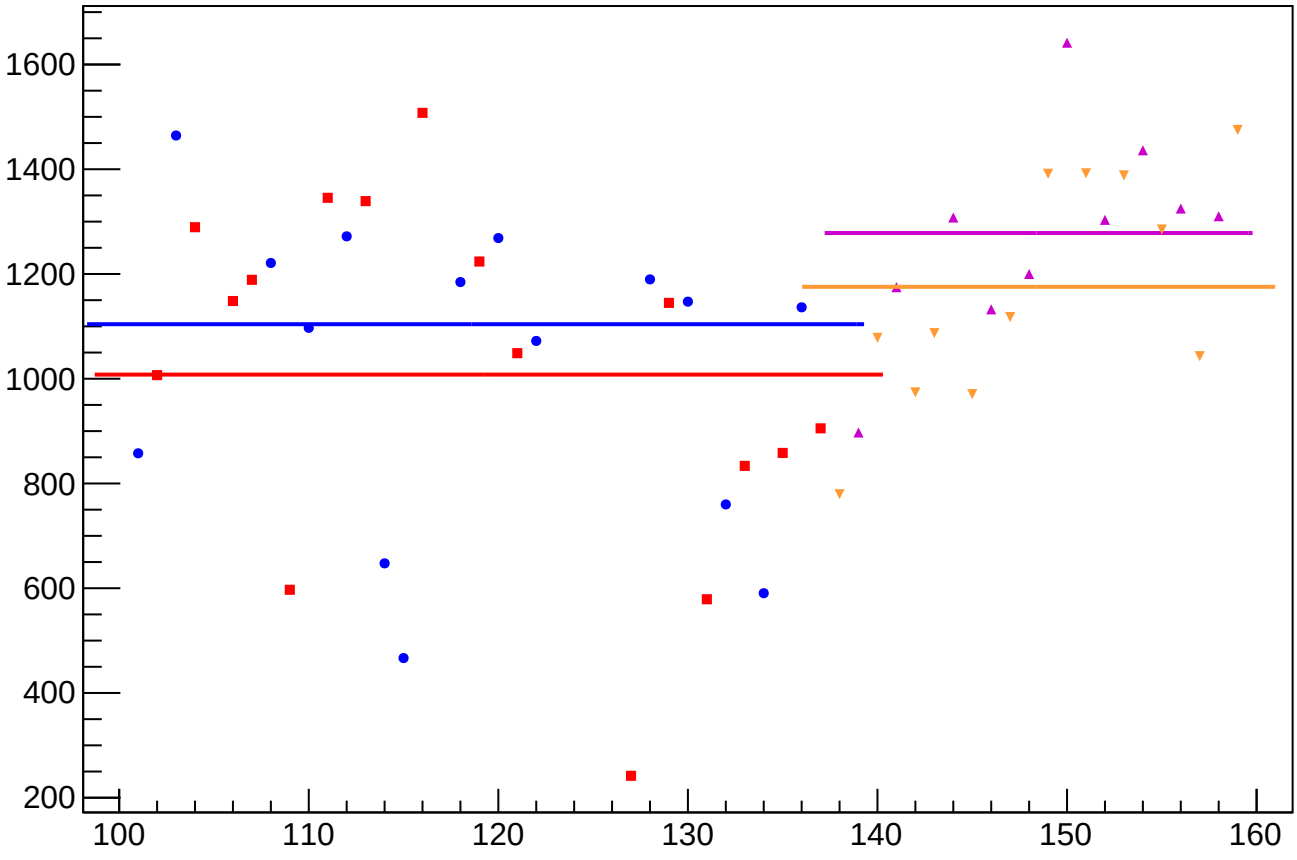
All: 579.898+/-0.000 χ^2/NDF: 66470395403 0

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 590.620+/-0.000 χ^2/NDF: 328069432743313

Left In: 447.860+/-0.000 χ^2/NDF:276788252959695679254635616703768166 4.0/9

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

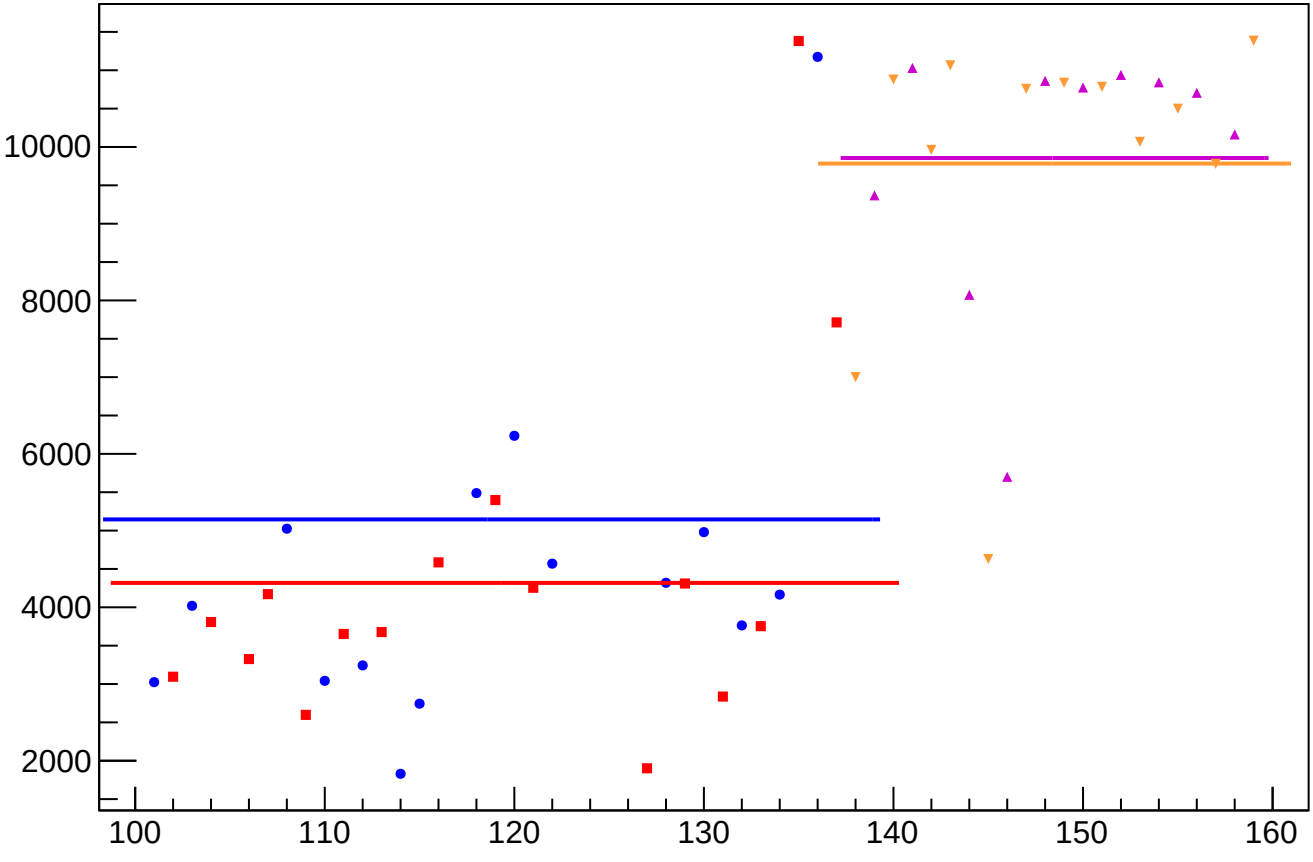
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Left Out: 9783.623+/-0.000 χ^2/NDF:3463460967659182435053933688350532698112.0/11

Right Out: 4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

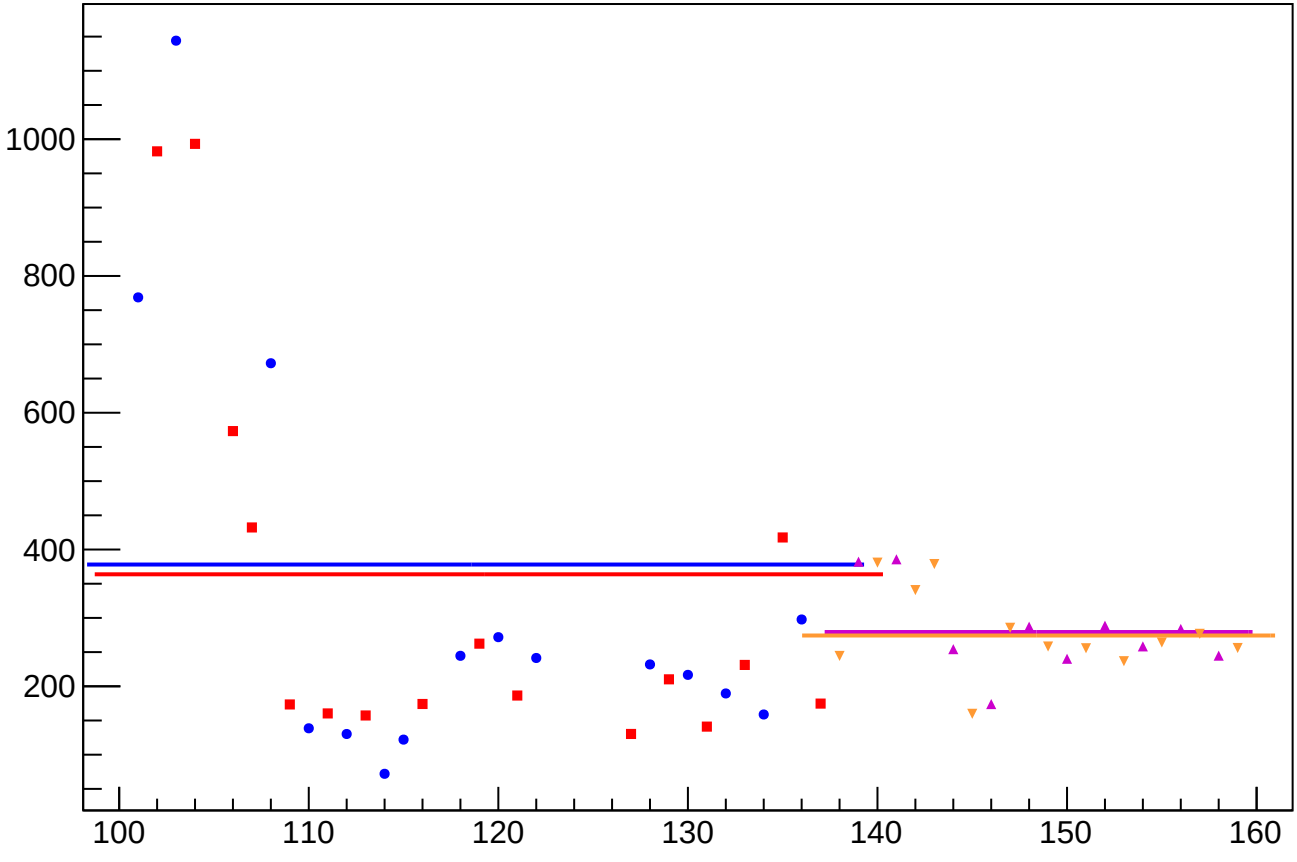
Left In: 9856.187+/-0.000 χ^2/NDF:2268394838550359878050659588500239679488.0/9

+ sign 7861.503+/-0.000 χ^2/NDF: 15911133661545

All: 7644.847+/-0.000 χ^2/NDF: 3313647222

- sign 7421.193+/-0.000 χ^2/NDF: 17075948436309

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 274.281+/-0.000 χ^2/NDF:32108665703217245013068466707706675 20.0/11

Right Out: 363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

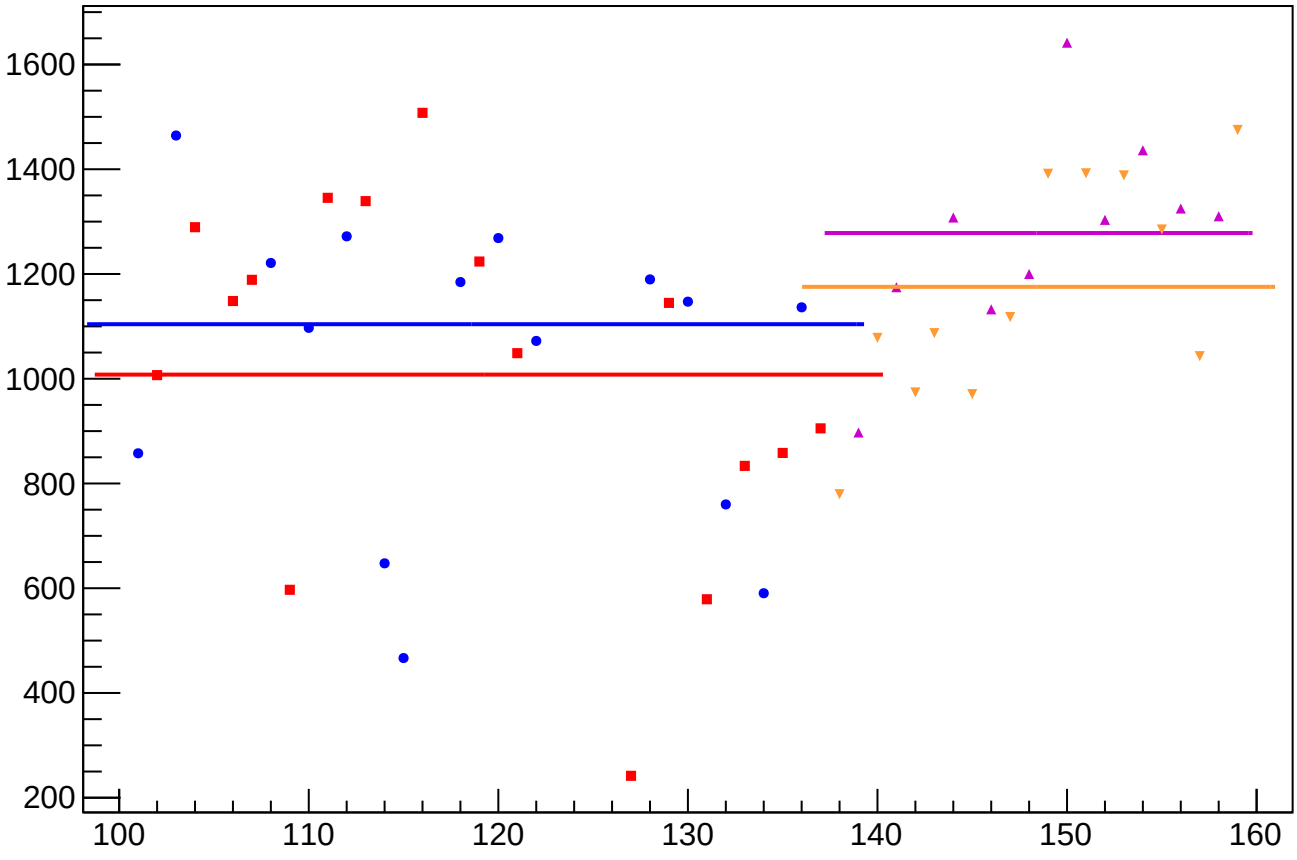
Left In: 279.374+/-0.000 χ^2/NDF:30844423688052983844276753735352320 00.0/9

+ sign 317.287+/-0.000 χ^2/NDF: 6881982388118 62

All: 316.891+/-0.000 χ^2/NDF: 13359820937 3

- sign 316.483+/-0.000 χ^2/NDF: 647778871156942

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

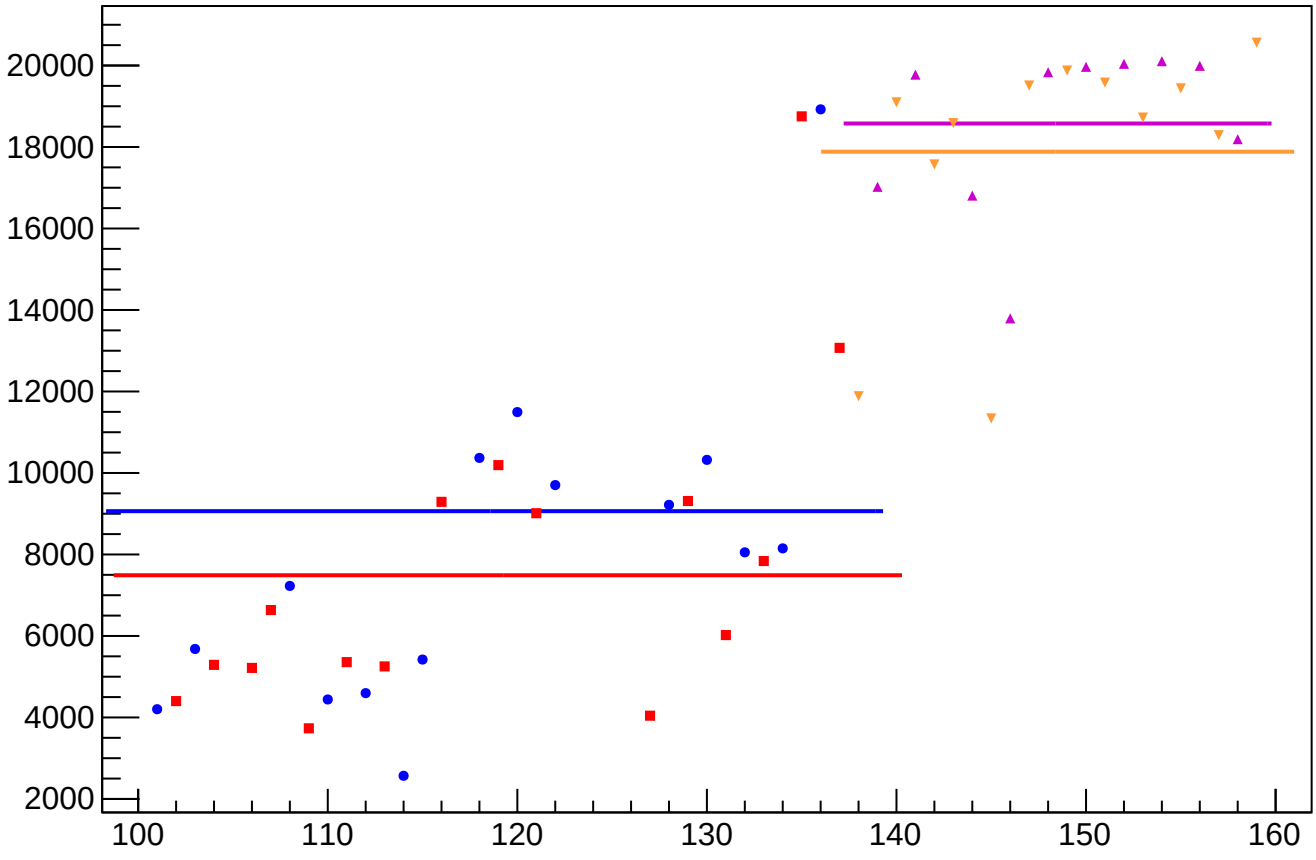
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 14228.663+/-0.000 χ^2/NDF: 5123479115016

Left Out: 17884.828+/-0.000 χ^2/NDF:8035777278860305028144675580255817170944.0/11

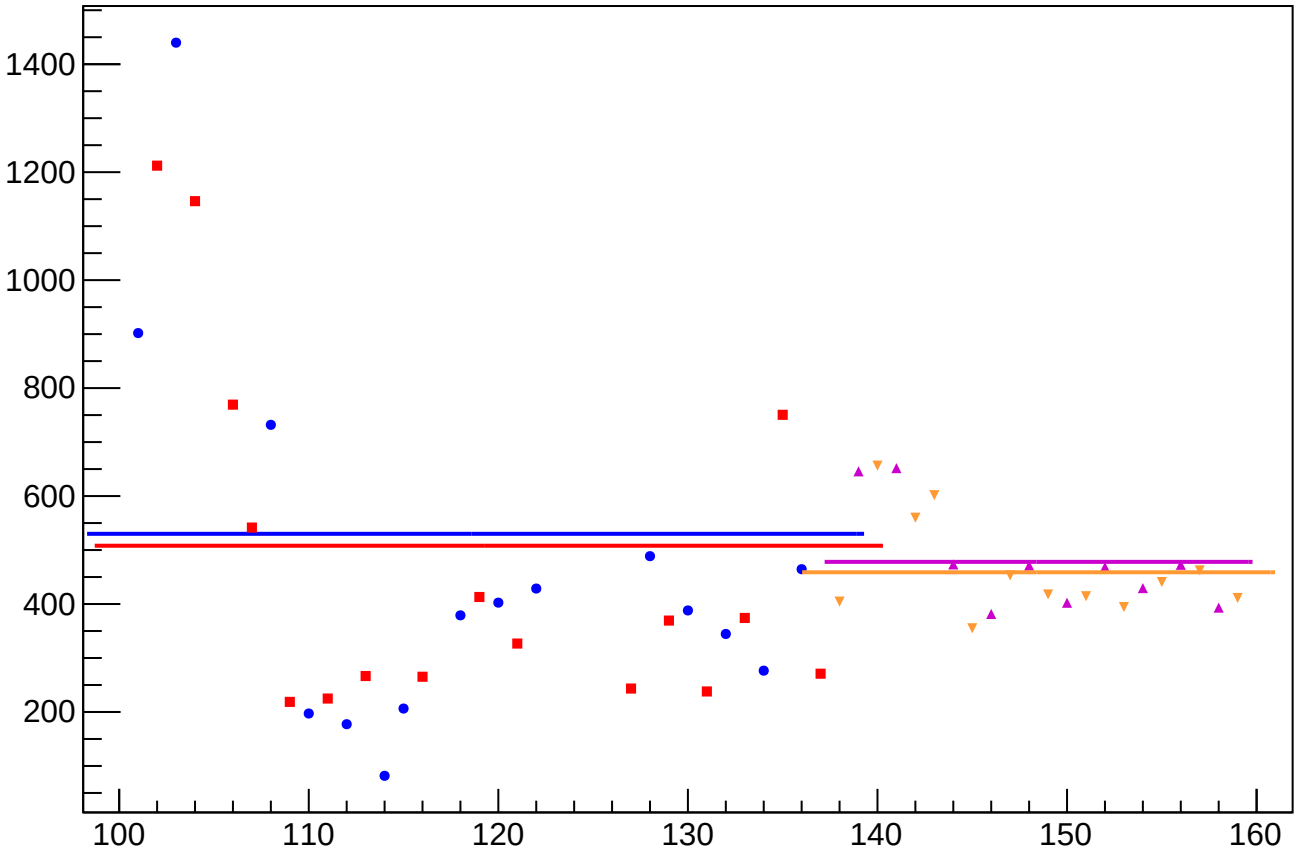
All: 13969.574+/-0.000 χ^2/NDF: 1108641439

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 13702.117+/-0.000 χ^2/NDF: 5941571628011

Left In: 18576.687+/-0.000 χ^2/NDF:3371718062666820096457287151772130869248.0/9

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14

Left Out: 458.806+/-0.000 χ^2/NDF:699552159448986874717336622873339494 4.0/11

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

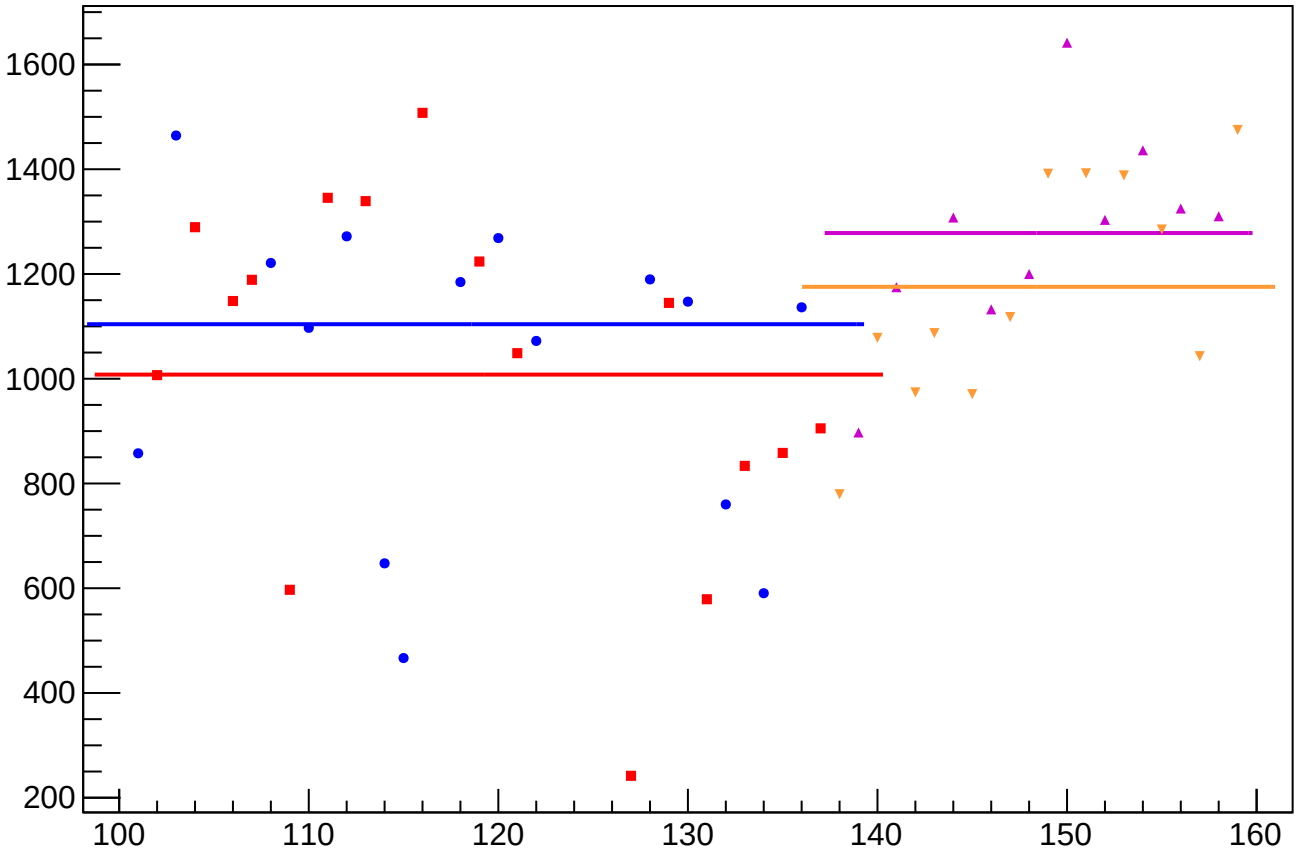
Left In: 478.090+/-0.000 χ^2/NDF:69449875162760845001531266052600627 20.0/9

+ sign 488.335+/-0.000 χ^2/NDF: 876795060631457

All: 489.762+/-0.000 χ^2/NDF: 17165476092 5

- sign 491.235+/-0.000 χ^2/NDF: 839687748729267

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

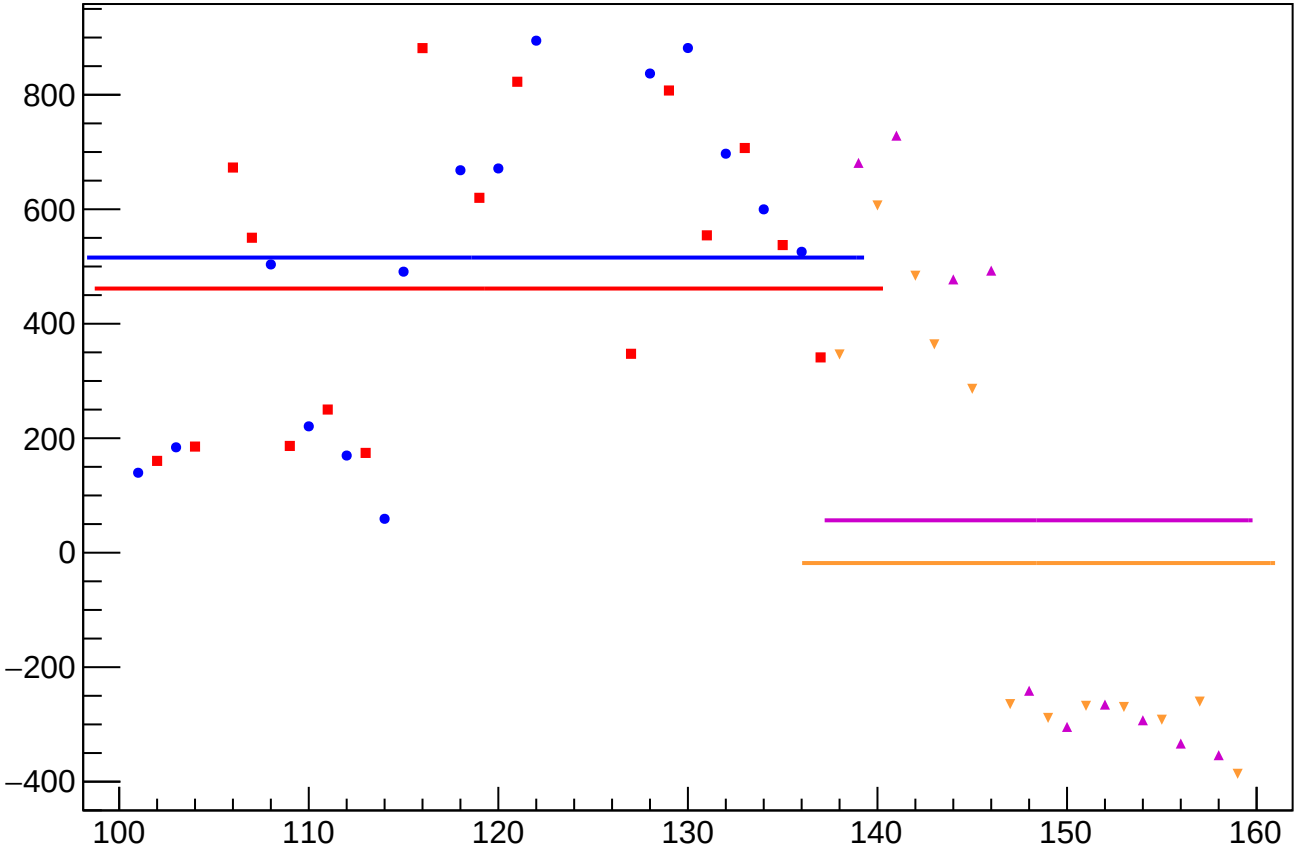
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Left Out: -18.086+/-0.000 χ^2/NDF:113760261442063078265103594368341639168.0/11

Right Out: 461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15

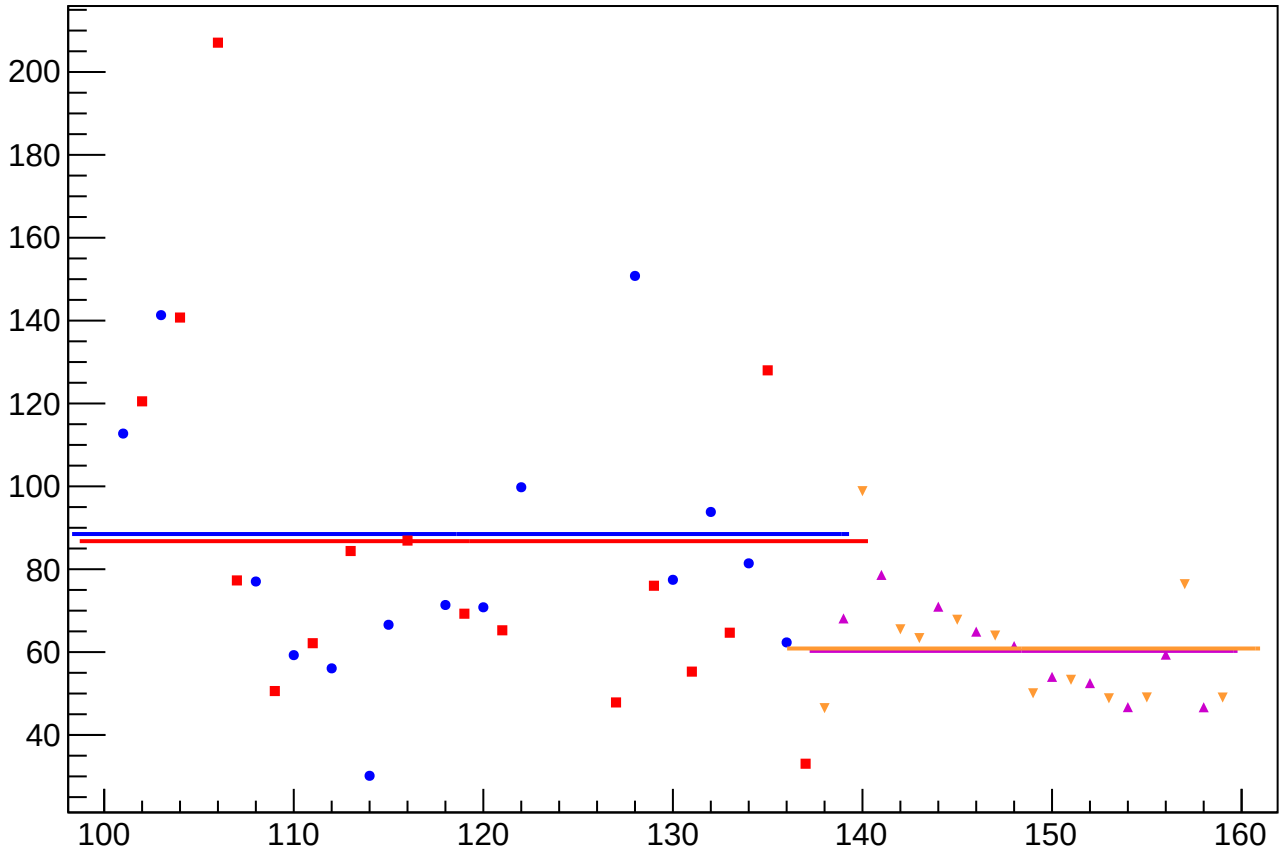
Left In: 56.573+/-0.000 χ^2/NDF:166521343197009971753658203112271249408.0/9

+ sign 203.105+/-0.000 χ^2/NDF: 270481717005925

All: 218.608+/-0.000 χ^2/NDF: 539520035253

- sign 234.611+/-0.000 χ^2/NDF: 268273415170709

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

Left Out: 60.867+/-0.000 χ^2/NDF:2083348304208426876980007665034854 40.0/11

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

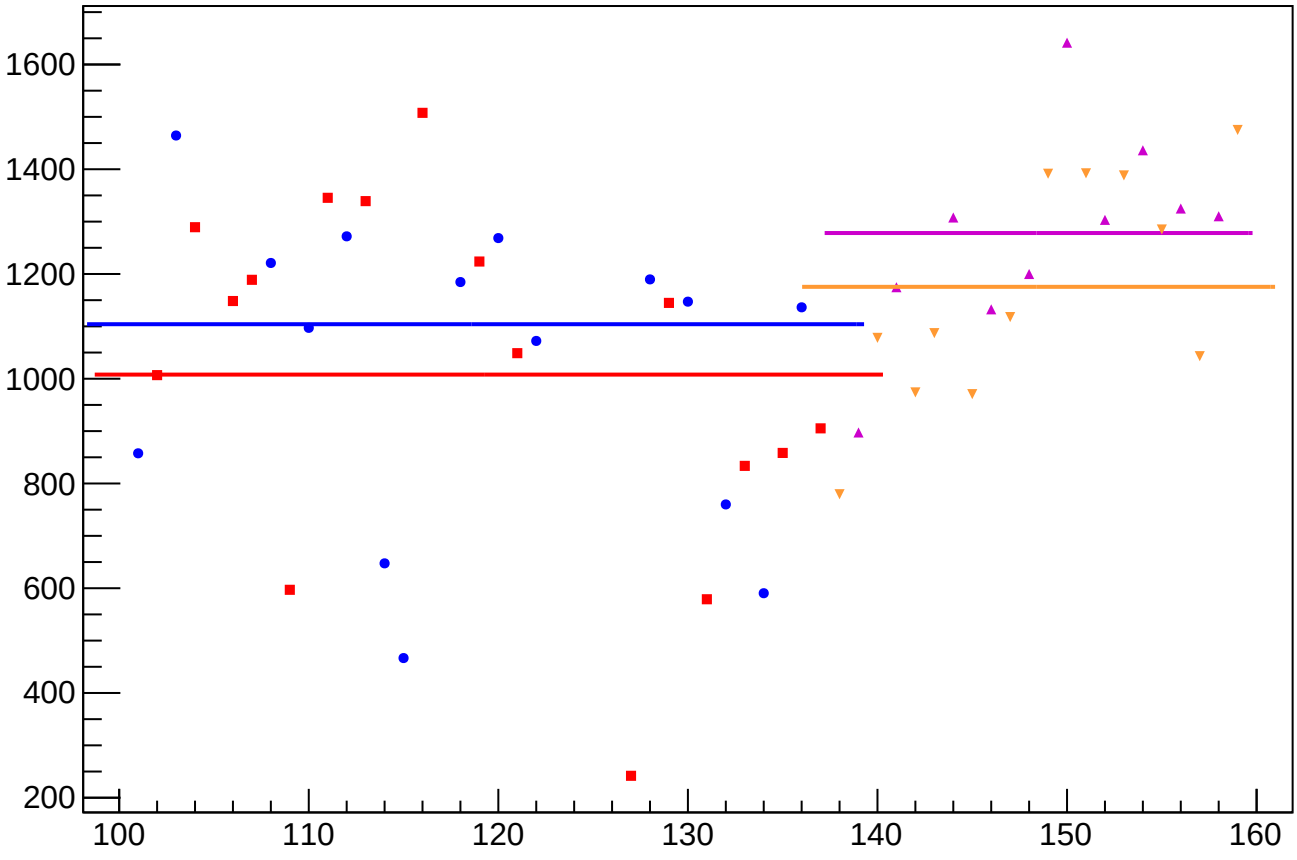
Left In: 60.289+/-0.000 χ^2/NDF:858827906223830220733955104089047 04.0/9

+ sign 72.316+/-0.000 χ^2/NDF: 1141601170158102

All: 72.128+/-0.000 χ^2/NDF: 2548942423428

- sign 71.934+/-0.000 χ^2/NDF: 1407228628979591

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

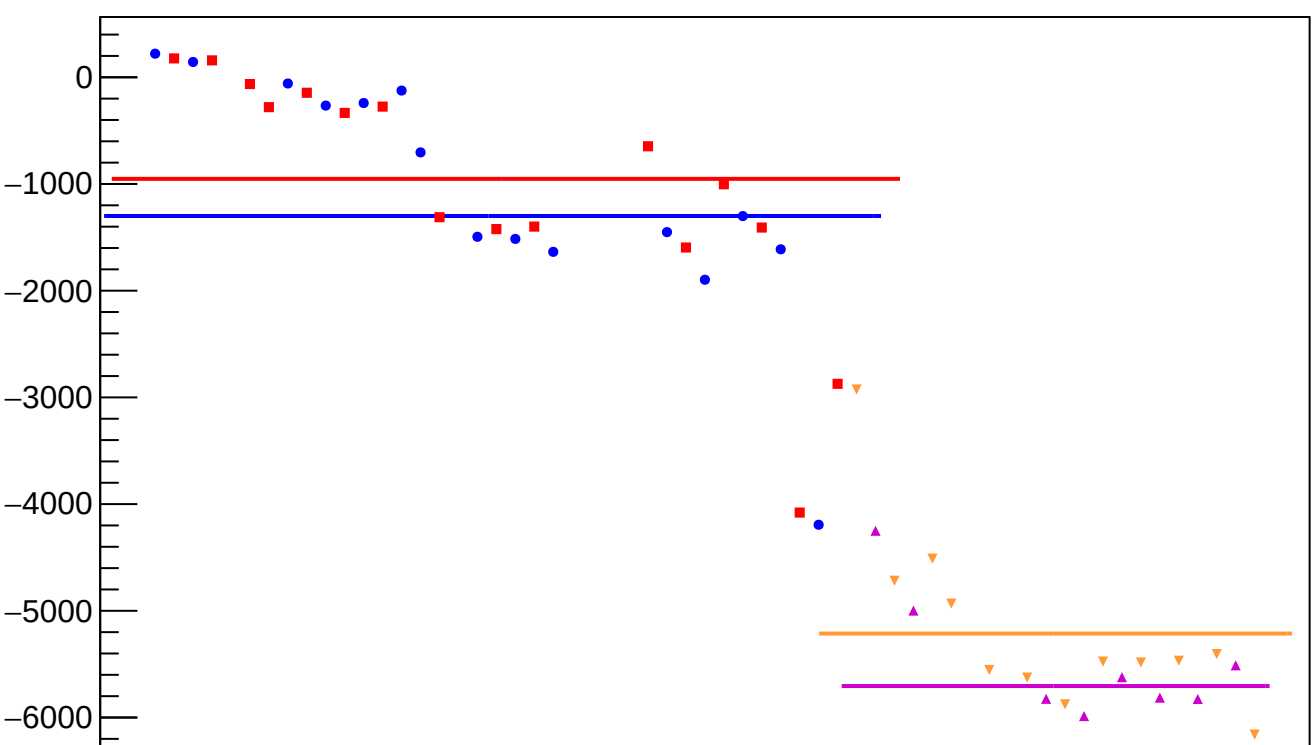
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

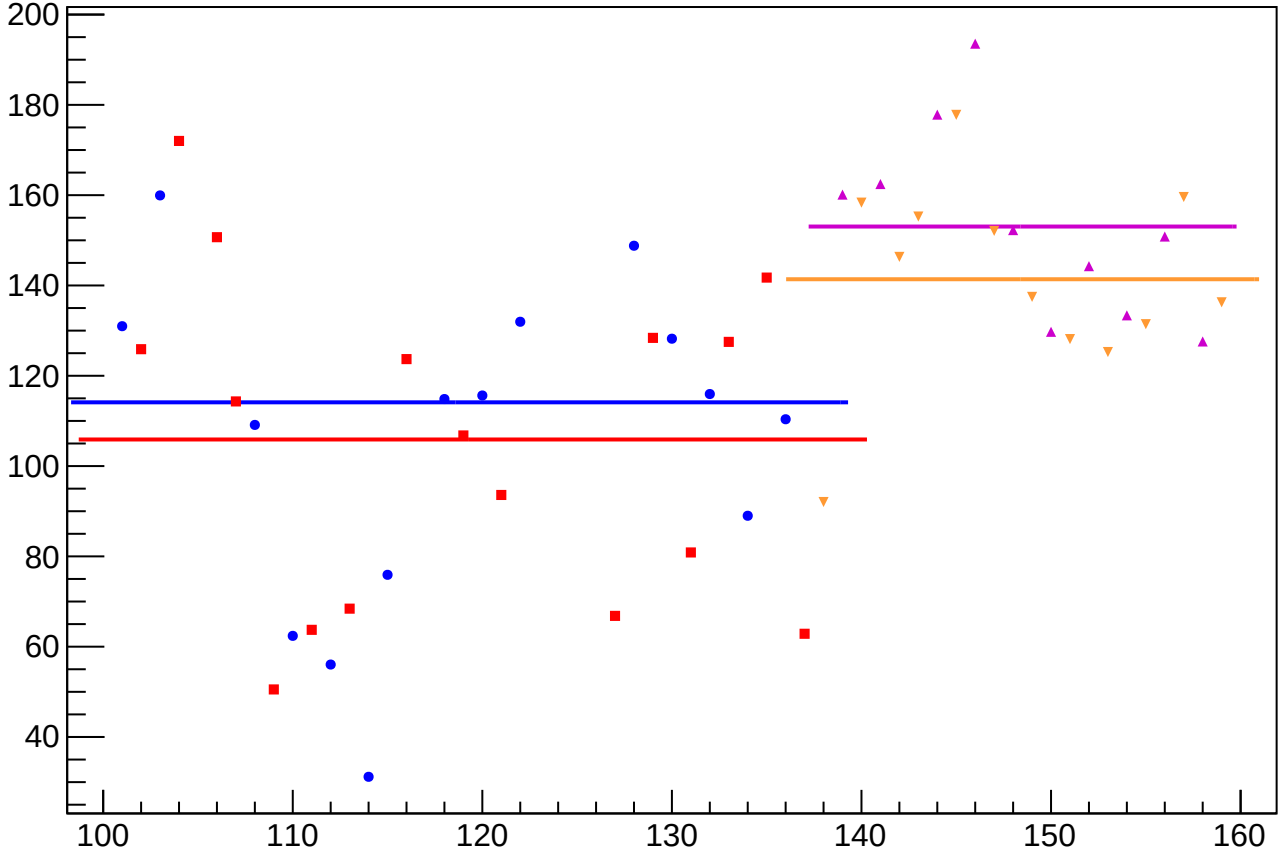
- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14
+ sign -3591.320+/-0.000 χ^2/NDF: 7626032277897
Left Out: -5213.053+/-0.000 χ^2/NDF:607024723474712138909900039656470216704.0/11
All: -3603.047+/-0.000 χ^2/NDF: 1726483300
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -3615.153+/-0.000 χ^2/NDF: 9638363055377 2
Left In: -5705.020+/-0.000 χ^2/NDF:353670609011636479129590136224077578240.0/9

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.380+/-0.000 χ^2/NDF:4169630263102922855140589896749547 52.0/11

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

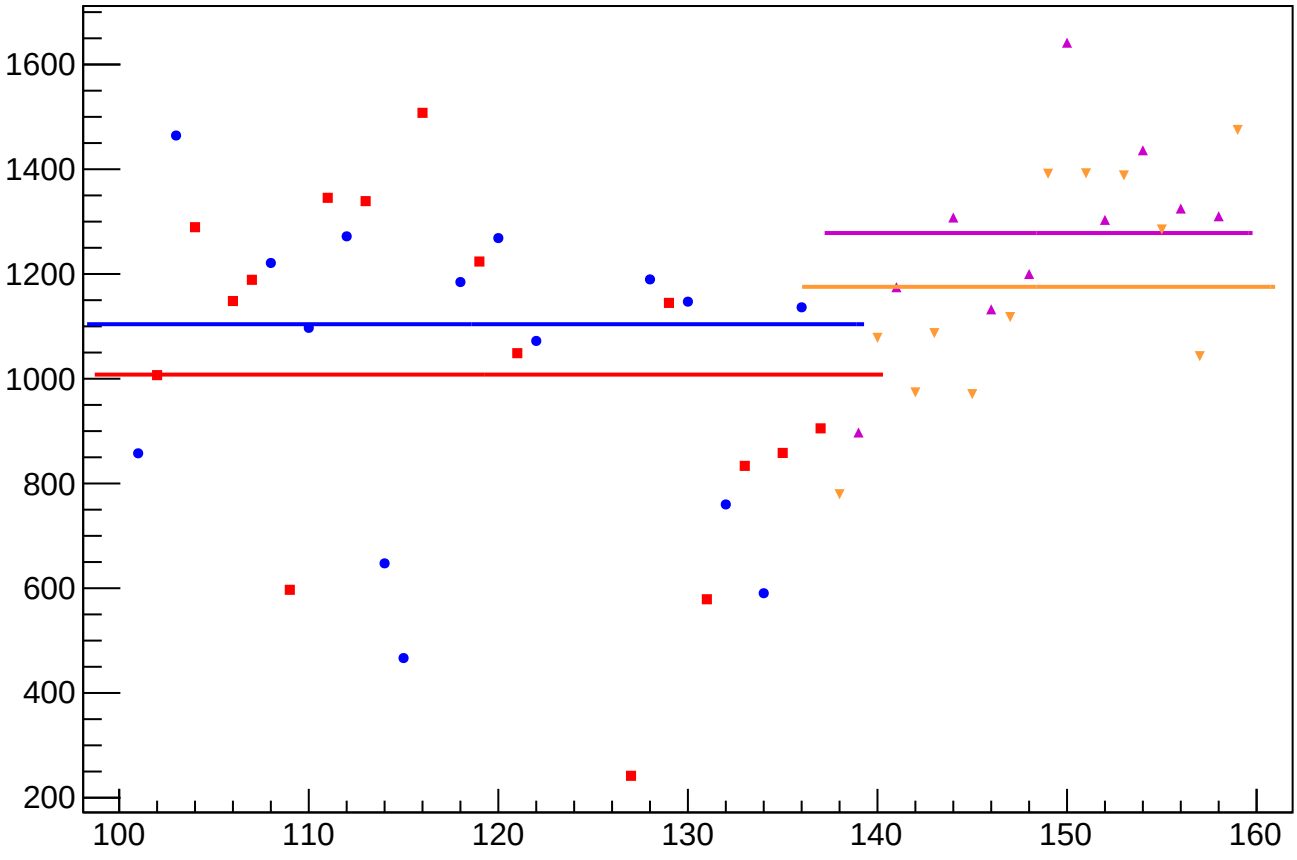
Left In: 153.053+/-0.000 χ^2/NDF:3459147586416568540971874629441290 24.0/9

+ sign 130.082+/-0.000 χ^2/NDF: 13066348967666 1

All: 131.181+/-0.000 χ^2/NDF: 33395709671 9

- sign 132.316+/-0.000 χ^2/NDF: 202908953659986

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

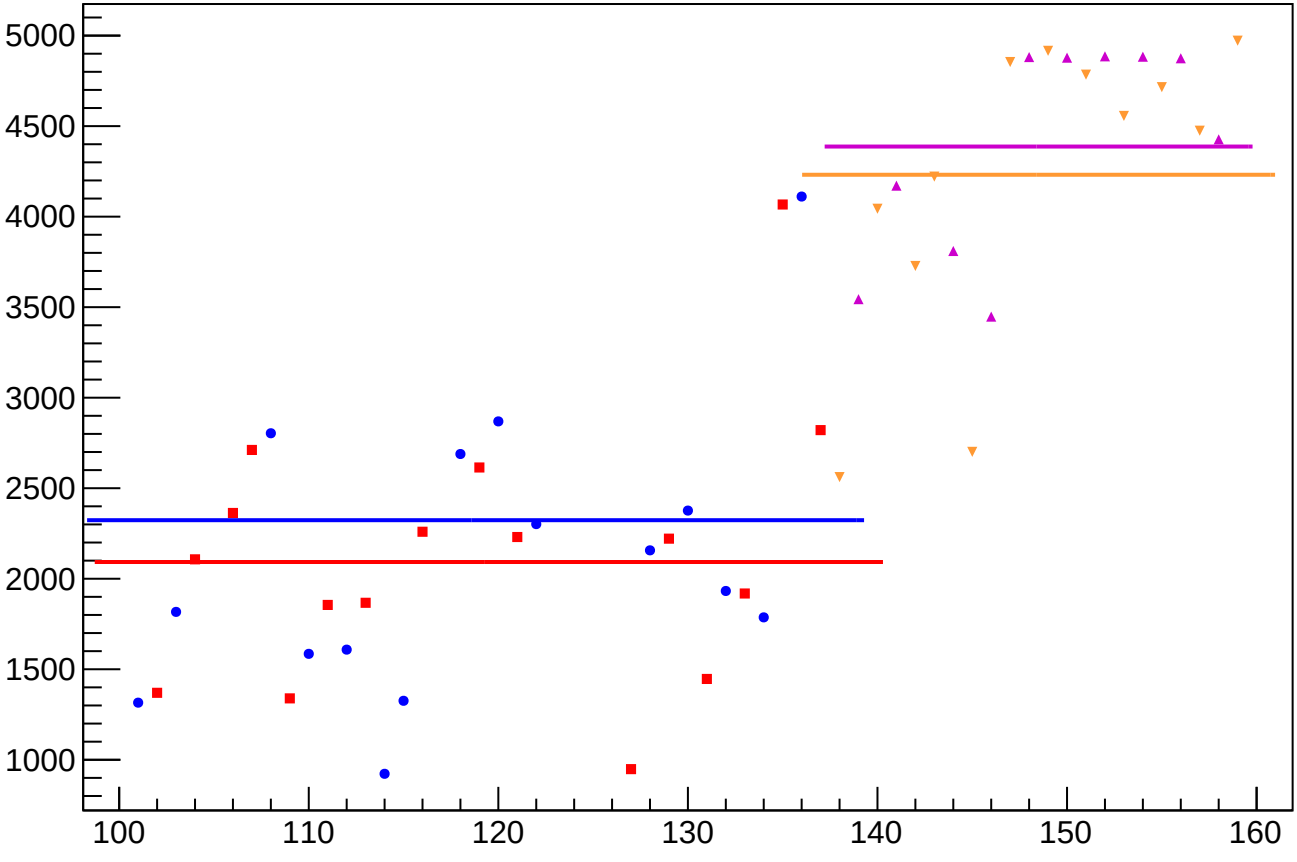
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 4231.380+/-0.000 χ^2/NDF:591264758783455505140129278309664030720.0/11

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

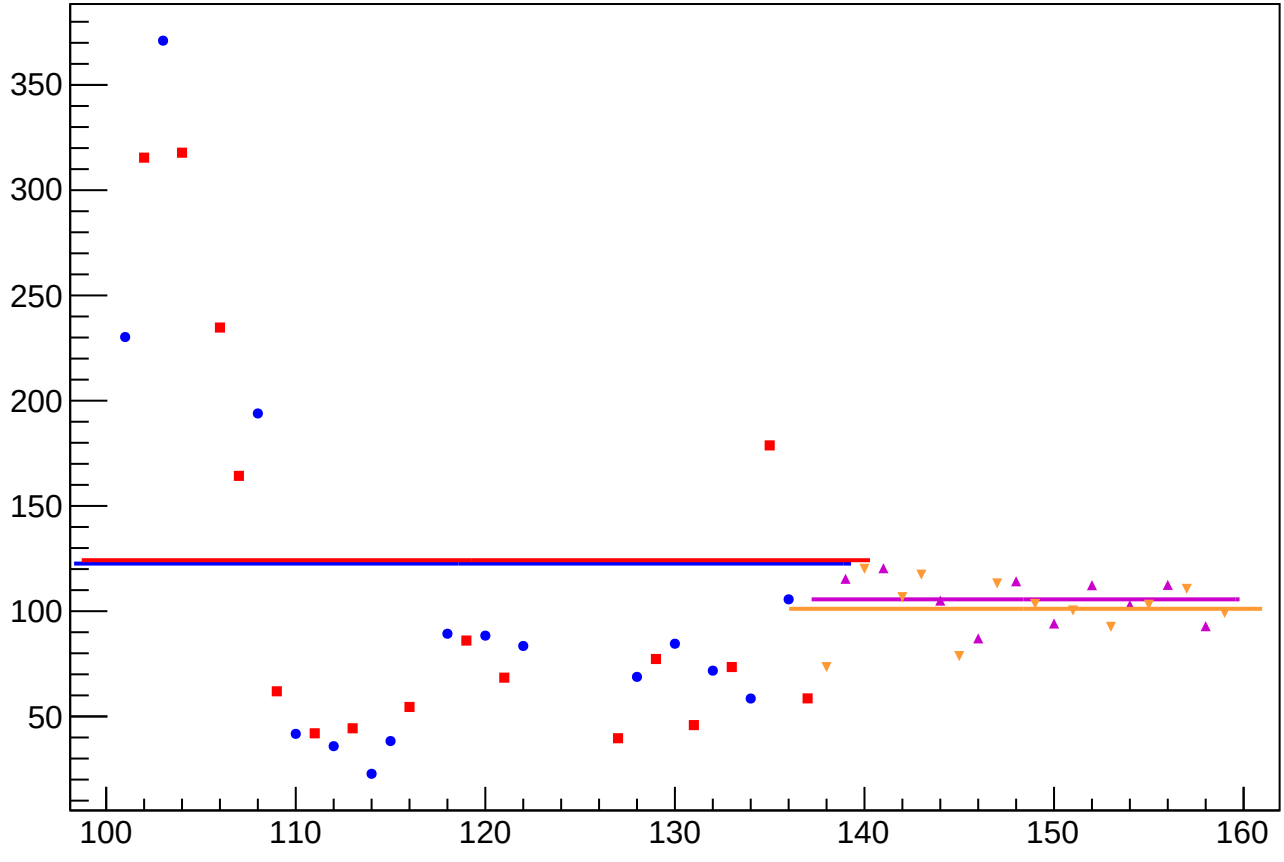
Left In: 4387.225+/-0.000 χ^2/NDF:269496277259890960670221813712137748480.0/9

+ sign 3440.641+/-0.000 χ^2/NDF: 2451147621612

All: 3409.943+/-0.000 χ^2/NDF: 5058820424

- sign 3378.254+/-0.000 χ^2/NDF: 26046736443749

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 101.138+/-0.000 χ^2/NDF:1751114564774519668041155503970058 24.0/11

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

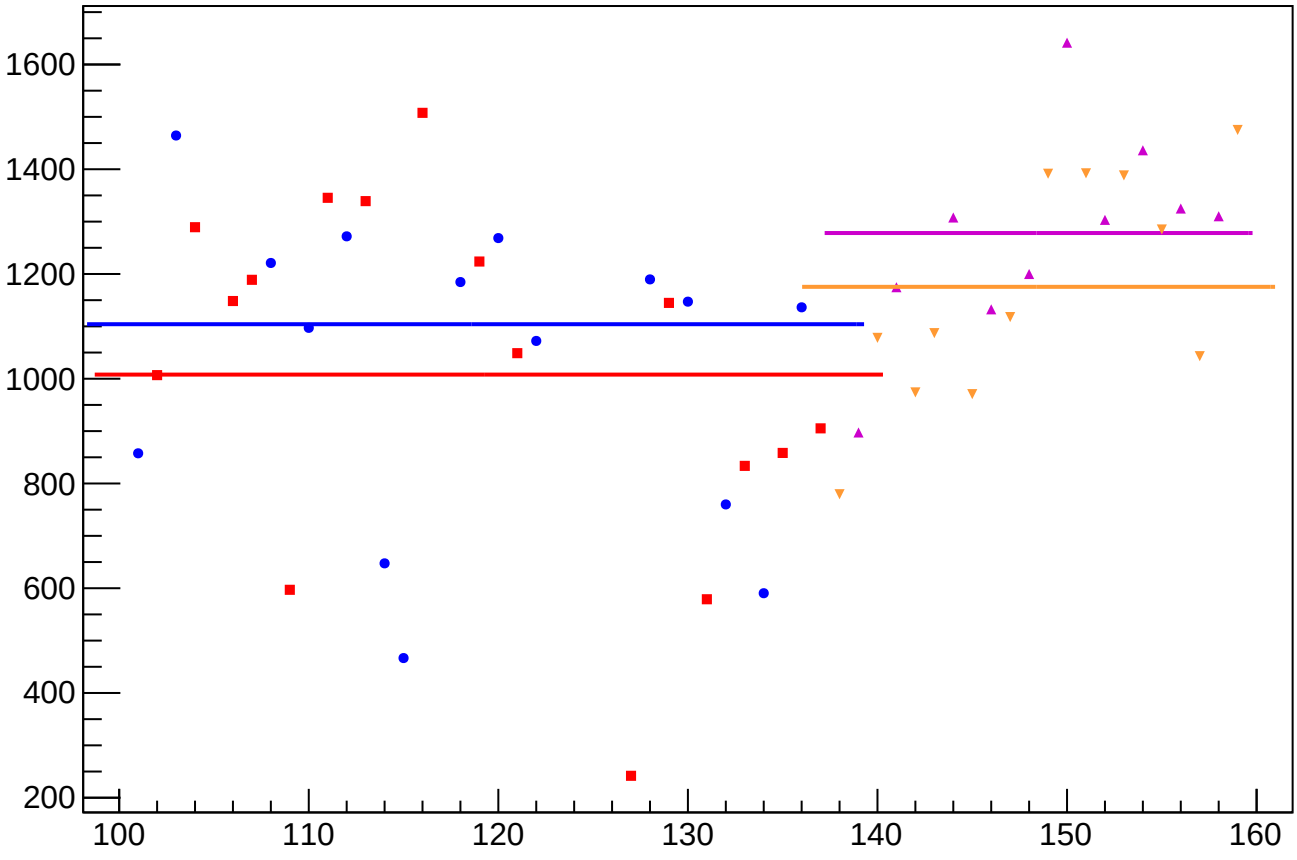
Left In: 105.623+/-0.000 χ^2/NDF:9457953137131302311473375692718080 0.0/9

+ sign 110.042+/-0.000 χ^2/NDF: 628802435091121

All: 111.890+/-0.000 χ^2/NDF: 13072305432

- sign 113.798+/-0.000 χ^2/NDF: 677340643935622

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

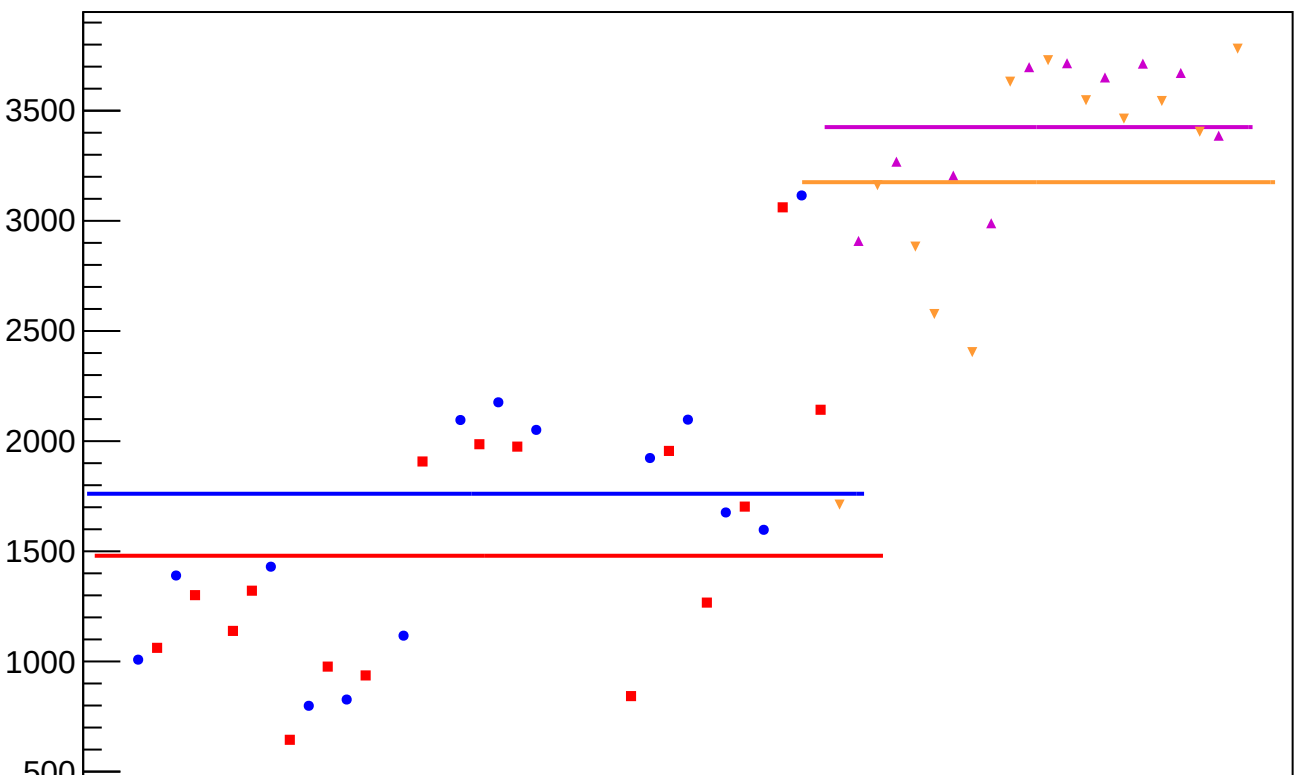
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 3175.502+/-0.000 χ^2/NDF:34729119198020358955882780222723981312 0.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

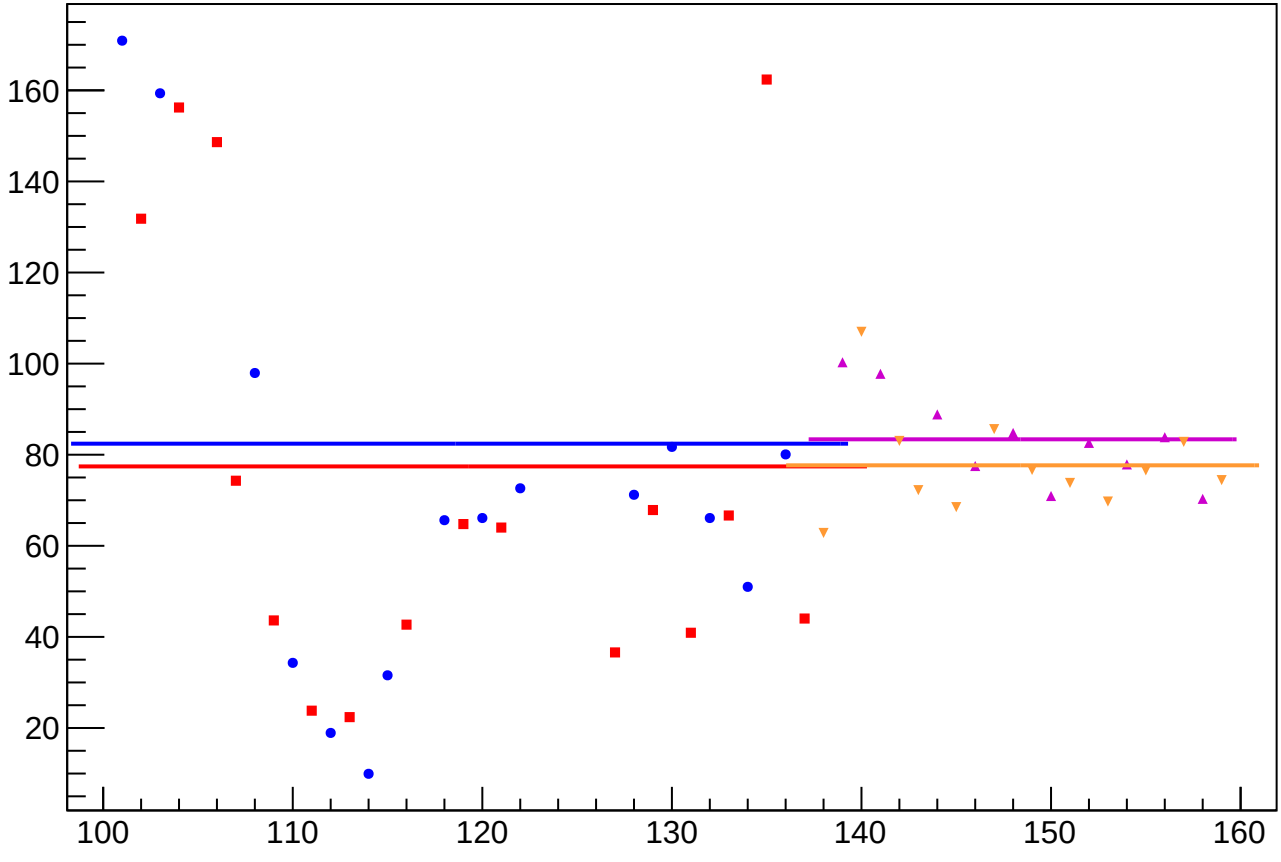
Left In: 3425.539+/-0.000 χ^2/NDF:74469588059160346340432520849139957760.0/9

+ sign 2589.389+/-0.000 χ^2/NDF: 1439612656315 5

All: 2579.863+/-0.000 χ^2/NDF: 3192745673 5

- sign 2570.030+/-0.000 χ^2/NDF: 17528442188202

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Left Out: 77.672+/-0.000 χ^2/NDF:1123594259701153969731918512059842 56.0/11

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

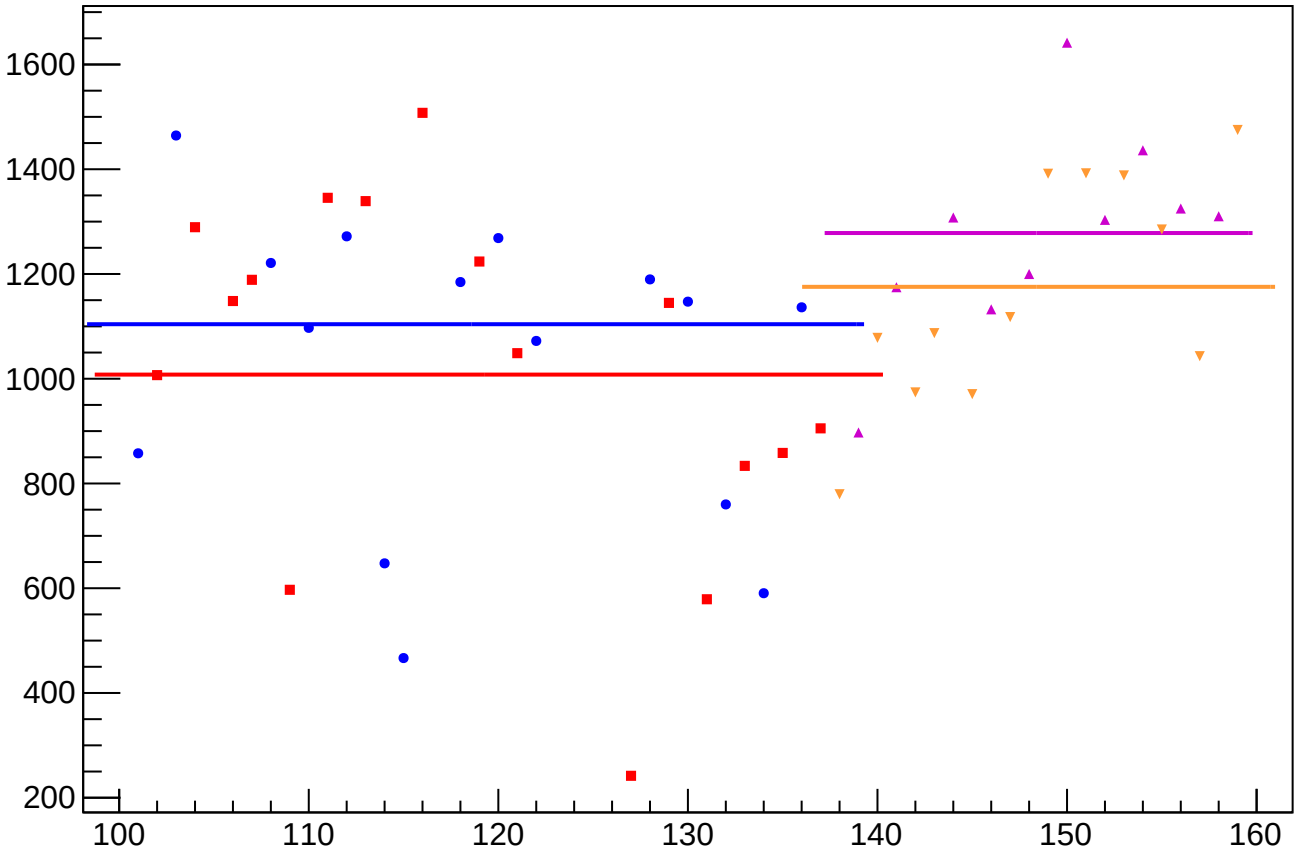
Left In: 83.380+/-0.000 χ^2/NDF:7714676638093689675131737705598 1568.0/9

+ sign 79.641+/-0.000 χ^2/NDF: 1384567048715076

All: 80.193+/-0.000 χ^2/NDF: 2991372656377

- sign 80.764+/-0.000 χ^2/NDF: 1605833589625570

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

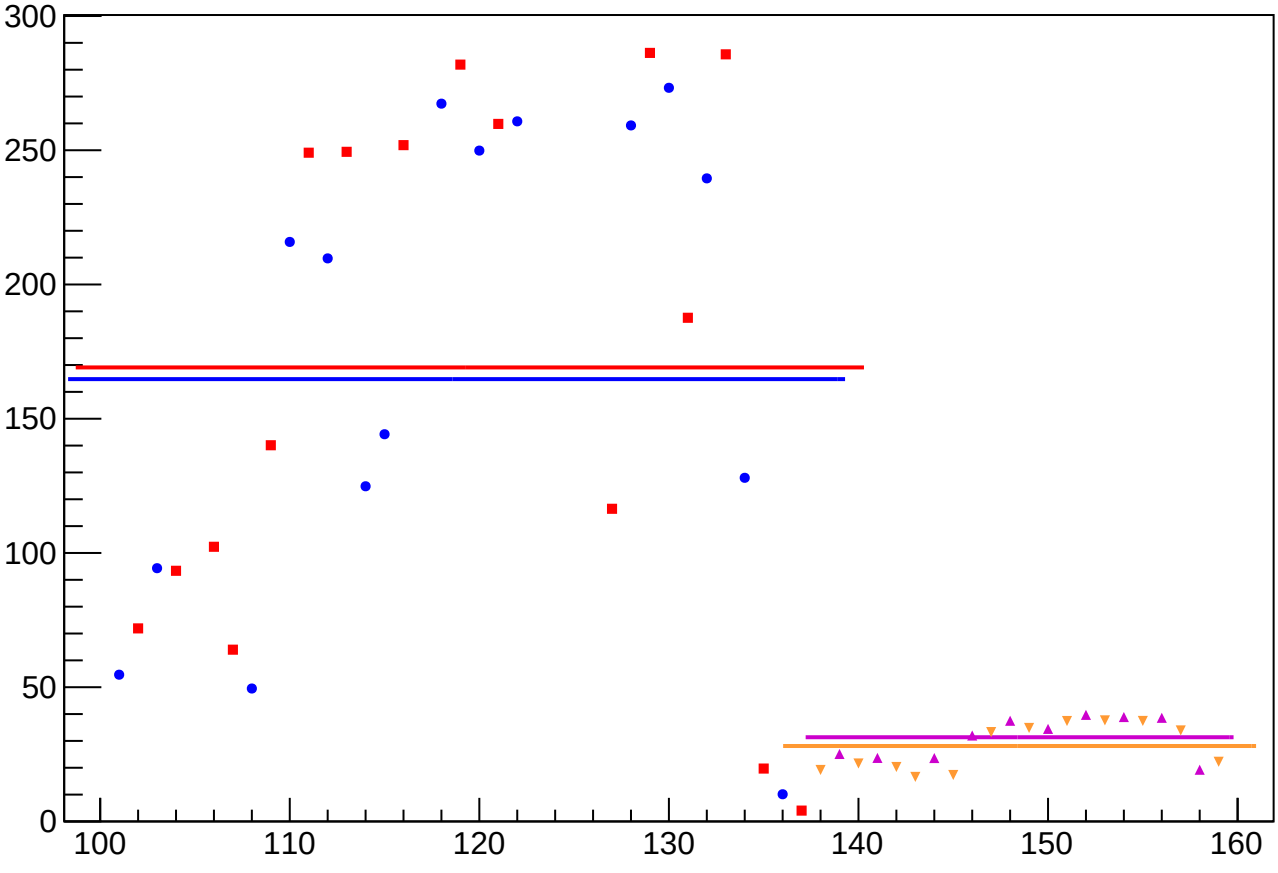
Left In: 1278.216+/-0.000 χ^2/NDF:29565438458869811796359539499848433664.0/9

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1152.526+/-0.000 χ^2/NDF: 2007312082 7

- sign 1159.365+/-0.000 χ^2/NDF: 12595109493212

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 84.733+/-0.000 χ^2/NDF: 135299729495451 0

Left Out: 28.100+/-0.000 χ^2/NDF:635173573099110904470706697923461 12.0/11

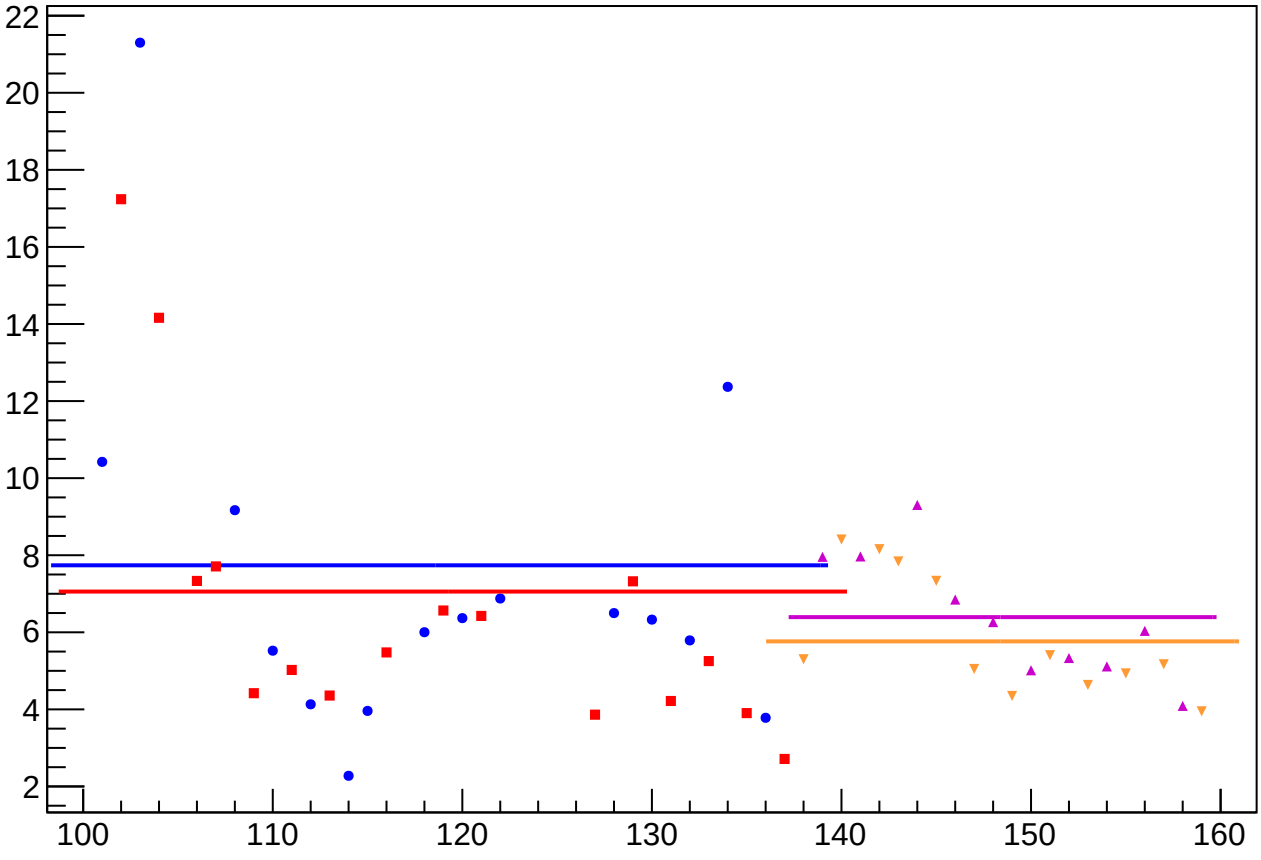
All: 88.274+/-0.000 χ^2/NDF: 267458916020 0

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

- sign 91.930+/-0.000 χ^2/NDF: 1317601019952732

Left In: 31.367+/-0.000 χ^2/NDF:447450324424147421366725662757355 52.0/9

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 6.582+/-0.000 χ^2/NDF: 1862262539718685

Left Out: 5.764+/-0.000 χ^2/NDF:20144739325743836902613272116592 64.0/11

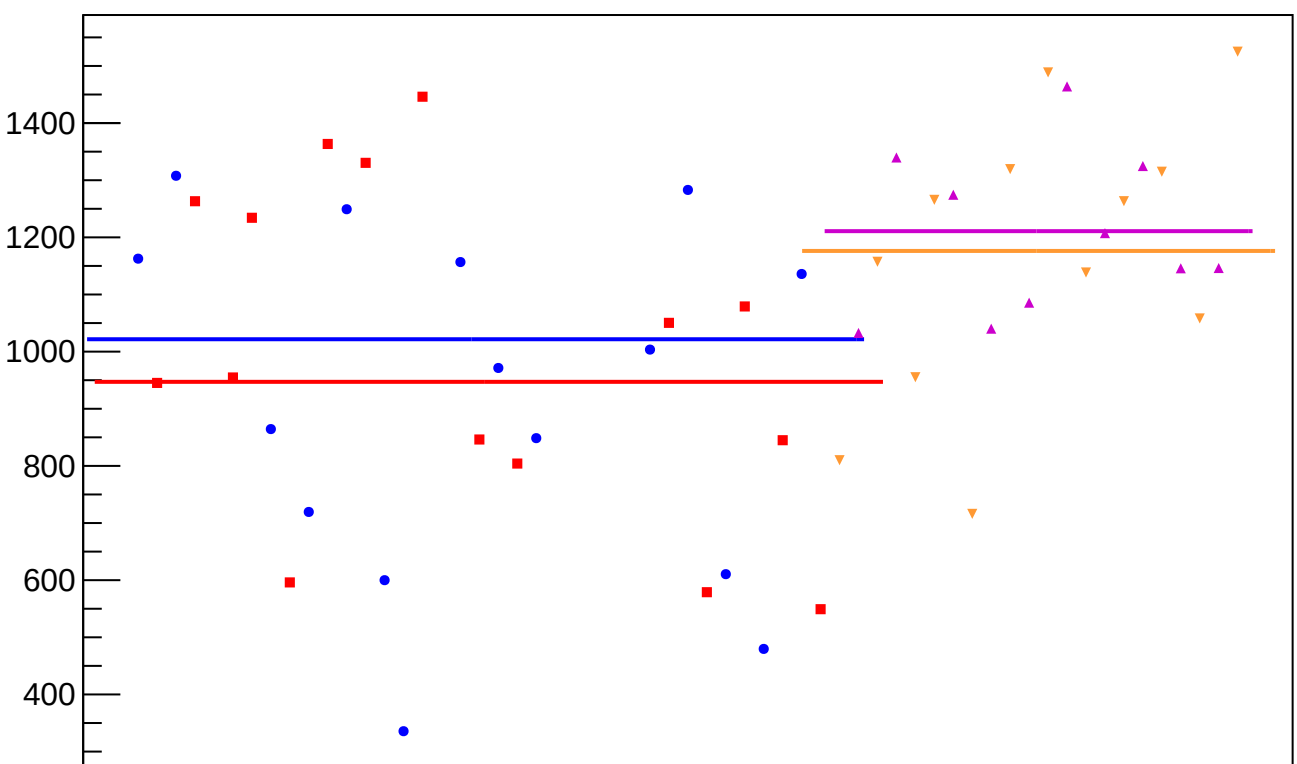
All: 6.633+/-0.000 χ^2/NDF: 3212606560284

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 6.685+/-0.000 χ^2/NDF: 13495268365048110

Left In: 6.394+/-0.000 χ^2/NDF:20385148489044066424051379669565 44.0/9

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

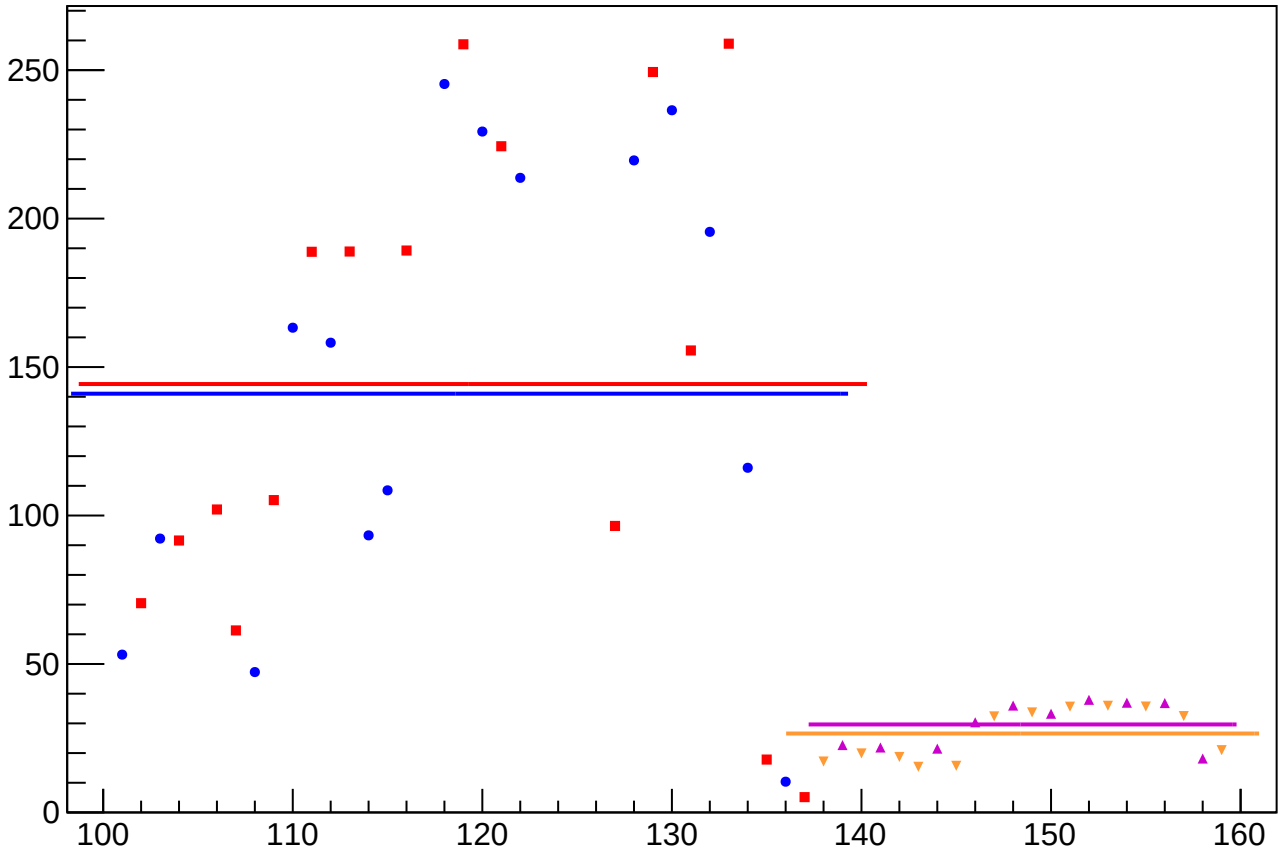
Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 74.013+/-0.000 χ^2/NDF: 9549859310470877

Left Out: 26.582+/-0.000 χ^2/NDF:638805469323936580506146521418301 44.0/11

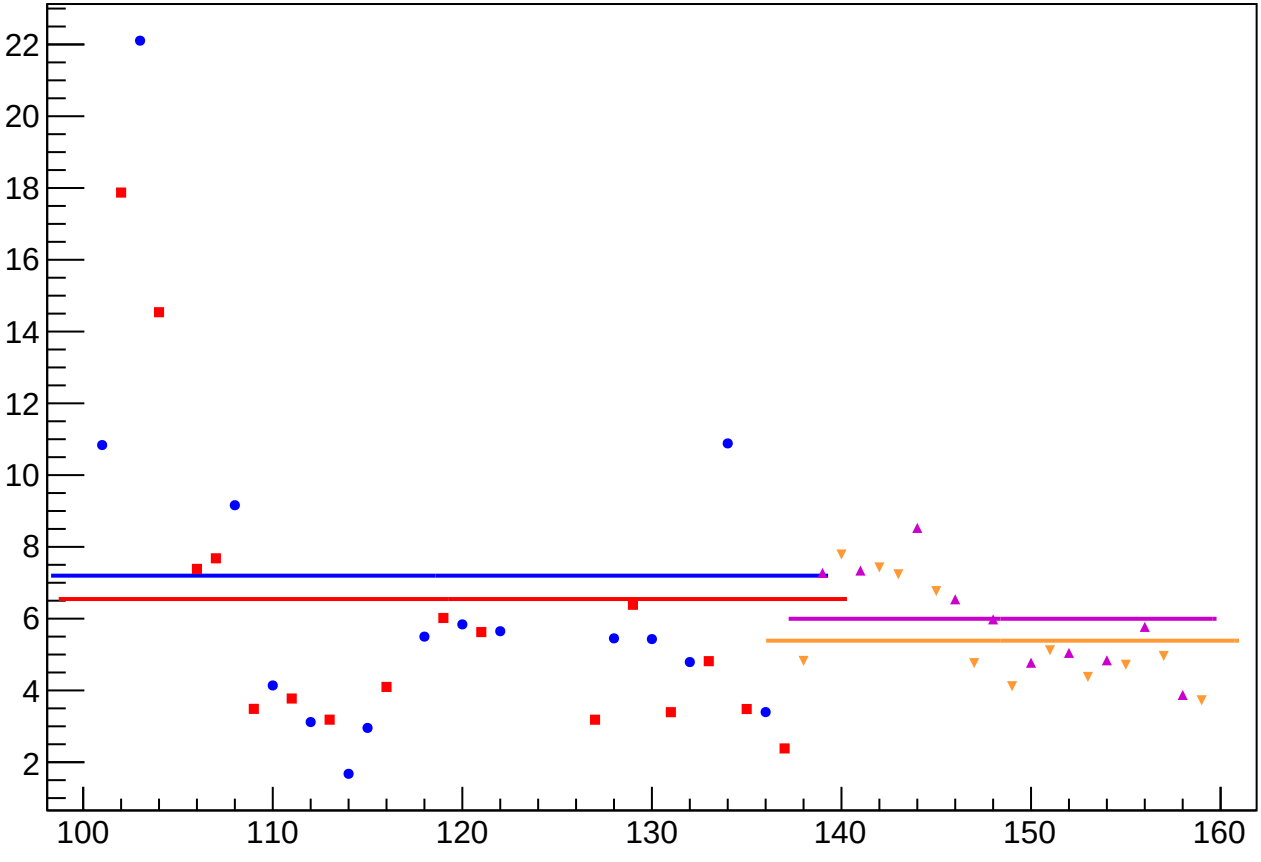
All: 76.982+/-0.000 χ^2/NDF: 188034447275 6

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 80.046+/-0.000 χ^2/NDF: 9225543730411541

Left In: 29.639+/-0.000 χ^2/NDF:4513668230023887150711990449602 5600.0/9

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

+ sign 6.137+/-0.000 χ^2/NDF: 2106160114989429

Left Out: 5.387+/-0.000 χ^2/NDF:16021382498824788148359438438236 16.0/11

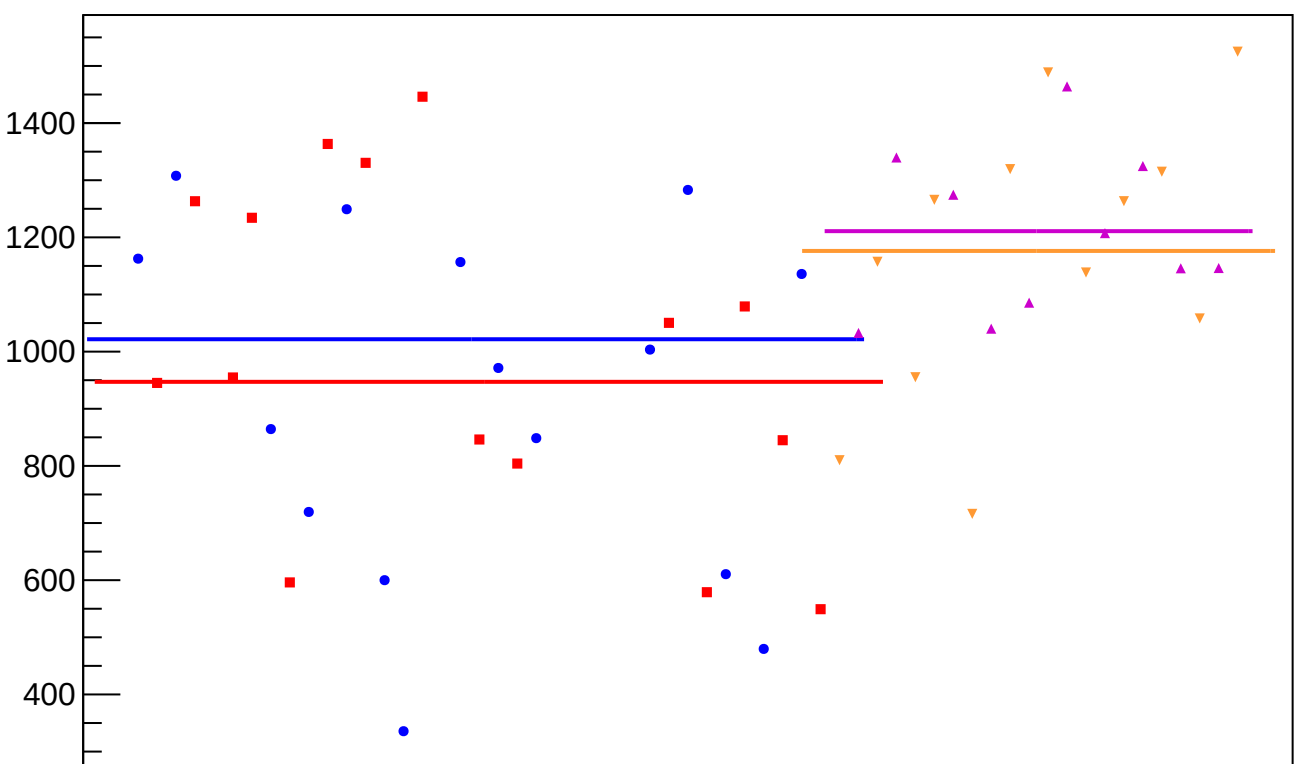
All: 6.187+/-0.000 χ^2/NDF: 3684545392790

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

- sign 6.238+/-0.000 χ^2/NDF: 1577596589236009 3

Left In: 5.996+/-0.000 χ^2/NDF:15839333162994062783195651453747 20.0/9

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

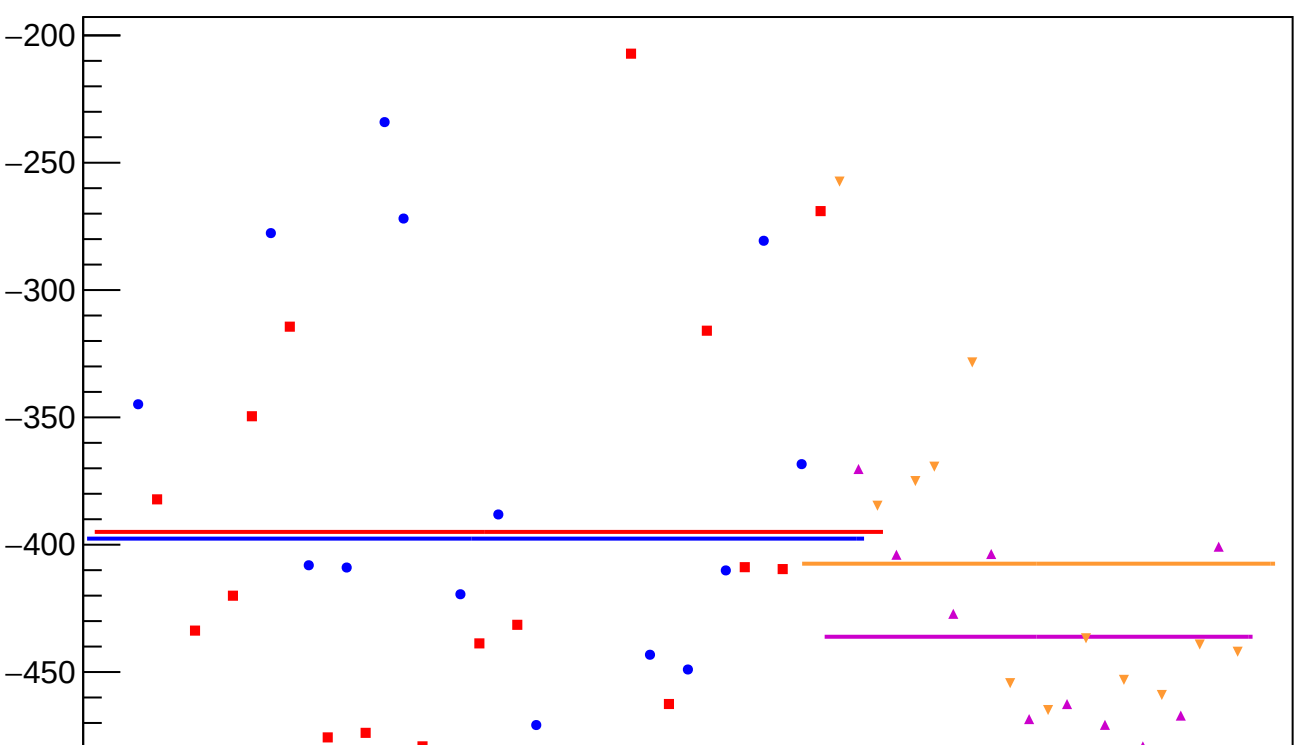
Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Left Out: -407.457+/-0.000 χ^2/NDF:353025449080407268501570591063749427 2.0/11

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

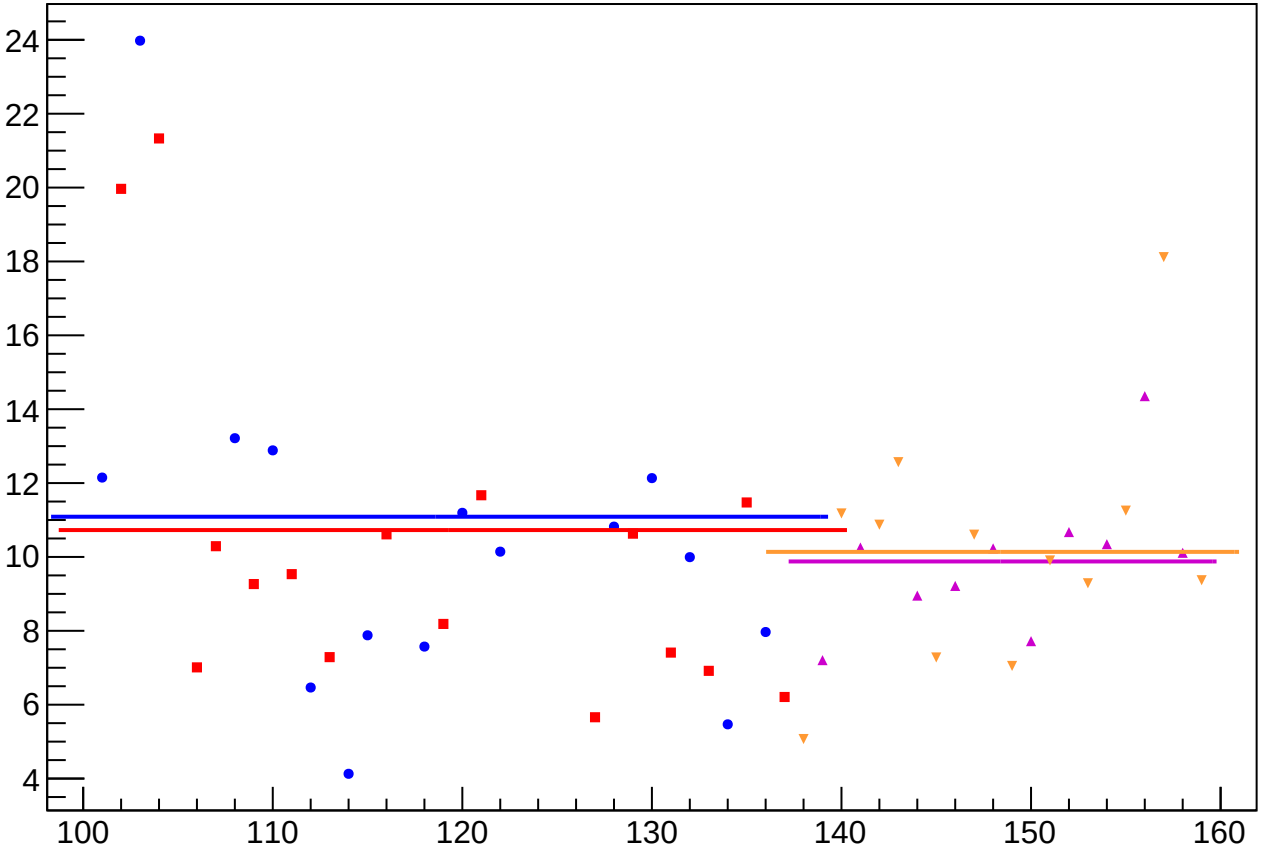
Left In: -436.145+/-0.000 χ^2/NDF:113290539624158418197094390818668544 0.0/9

+ sign -403.377+/-0.000 χ^2/NDF: 62283585707933

All: -410.593+/-0.000 χ^2/NDF: 1184613374 5

- sign -418.042+/-0.000 χ^2/NDF: 5452047835917 33

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.532+/-0.000 χ^2/NDF: 2381392640071486

Left Out: 10.137+/-0.000 χ^2/NDF:9233961900502442042562315288576000.0/11

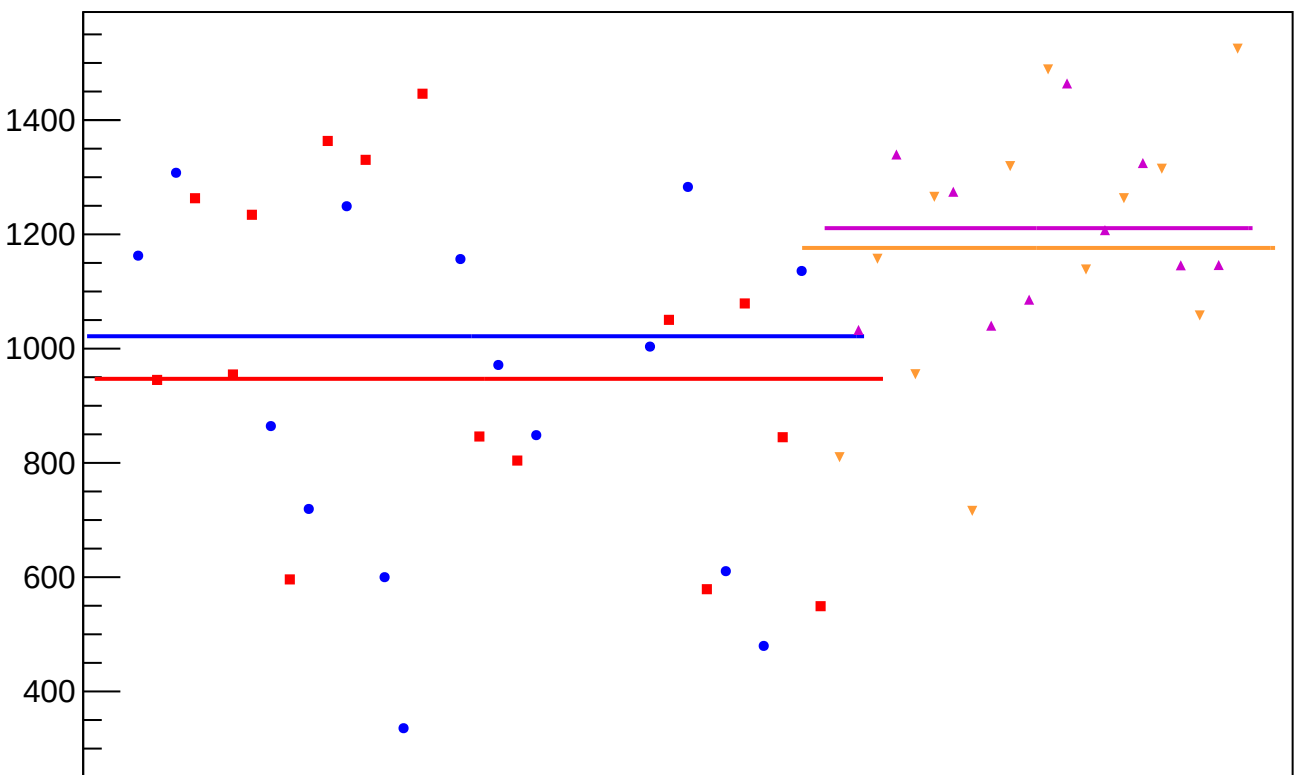
All: 10.394+/-0.000 χ^2/NDF: 4172998805044

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

- sign 10.251+/-0.000 χ^2/NDF: 1785551409645034

Left In: 9.878+/-0.000 χ^2/NDF:2818338704298161849216829503832064.0/9

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

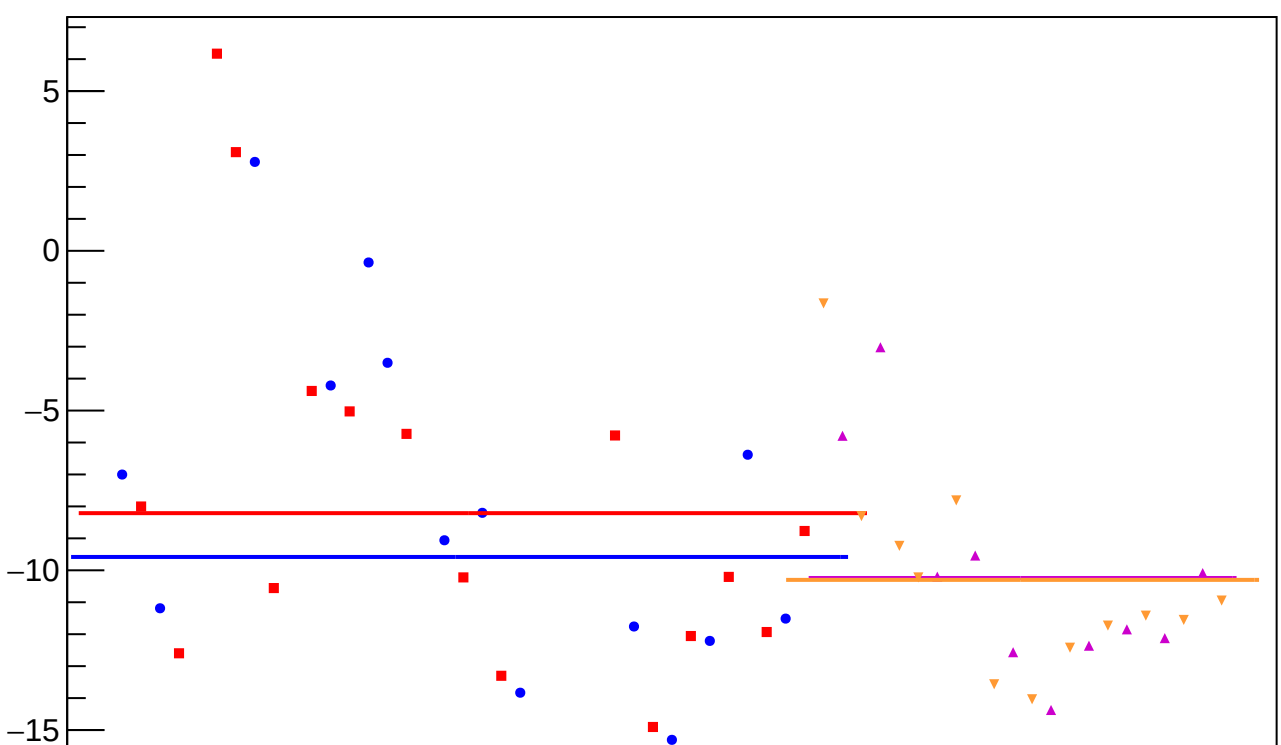
Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -10.002+/-0.000 χ^2/NDF: 244052394679521

Left Out: -10.300+/-0.000 χ^2/NDF:9506877601099056155644993577418752.0/11

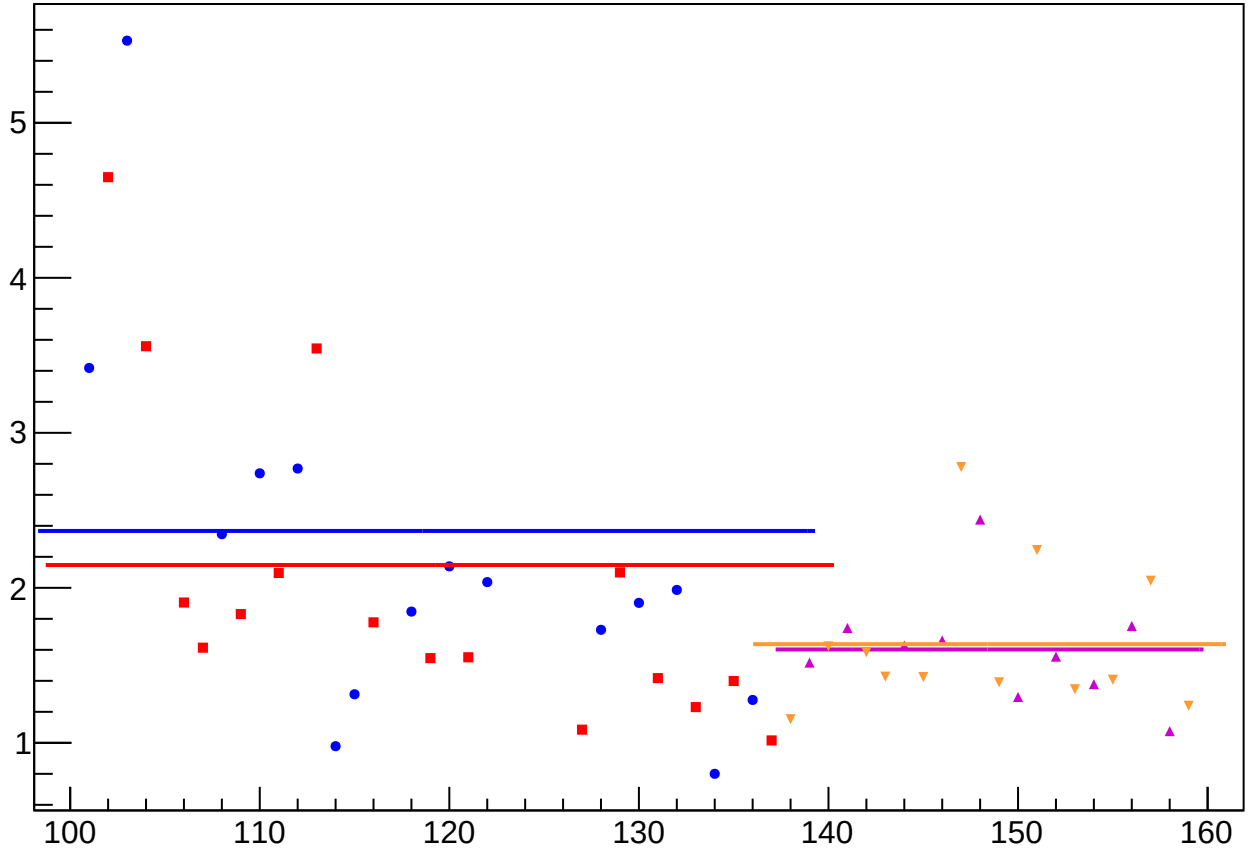
All: -9.680+/-0.000 χ^2/NDF: 5357111296390

Right Out: -8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

- sign -9.348+/-0.000 χ^2/NDF: 2883629056140980 3

Left In: -10.241+/-0.000 χ^2/NDF:8992821353755545564904825120882688.0/9

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

+ sign 1.939+/-0.000 χ^2/NDF: 1320968763351157 6

Left Out: 1.637+/-0.000 χ^2/NDF:1975848469515970519447692891914 24.0/11

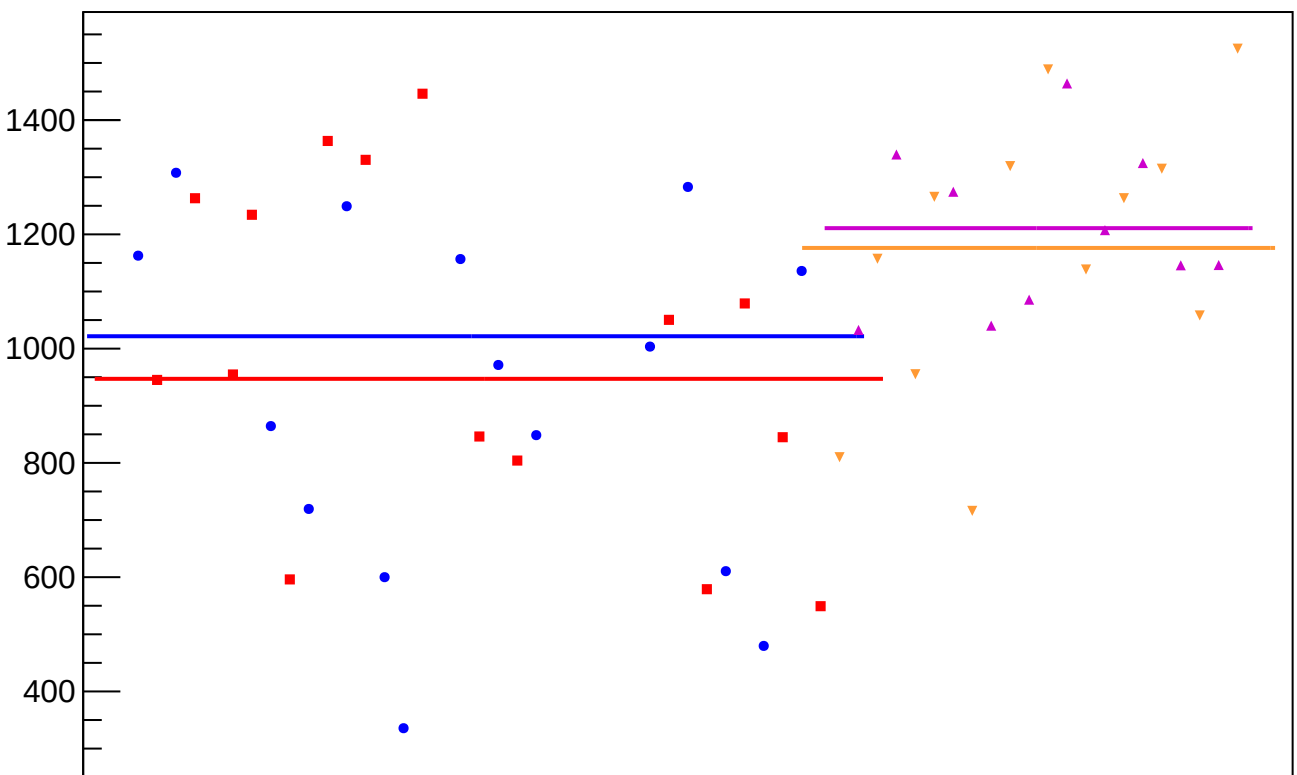
All: 1.891+/-0.000 χ^2/NDF: 2302433434407 7

Right Out: 2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

- sign 1.842+/-0.000 χ^2/NDF: 9741533672414384 8

Left In: 1.602+/-0.000 χ^2/NDF:9906587182956355469437565717708 8.0/9

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

Left Out: 1176.242+/-0.000 χ^2/NDF:533555257965920228823850231988832174 08.0/11

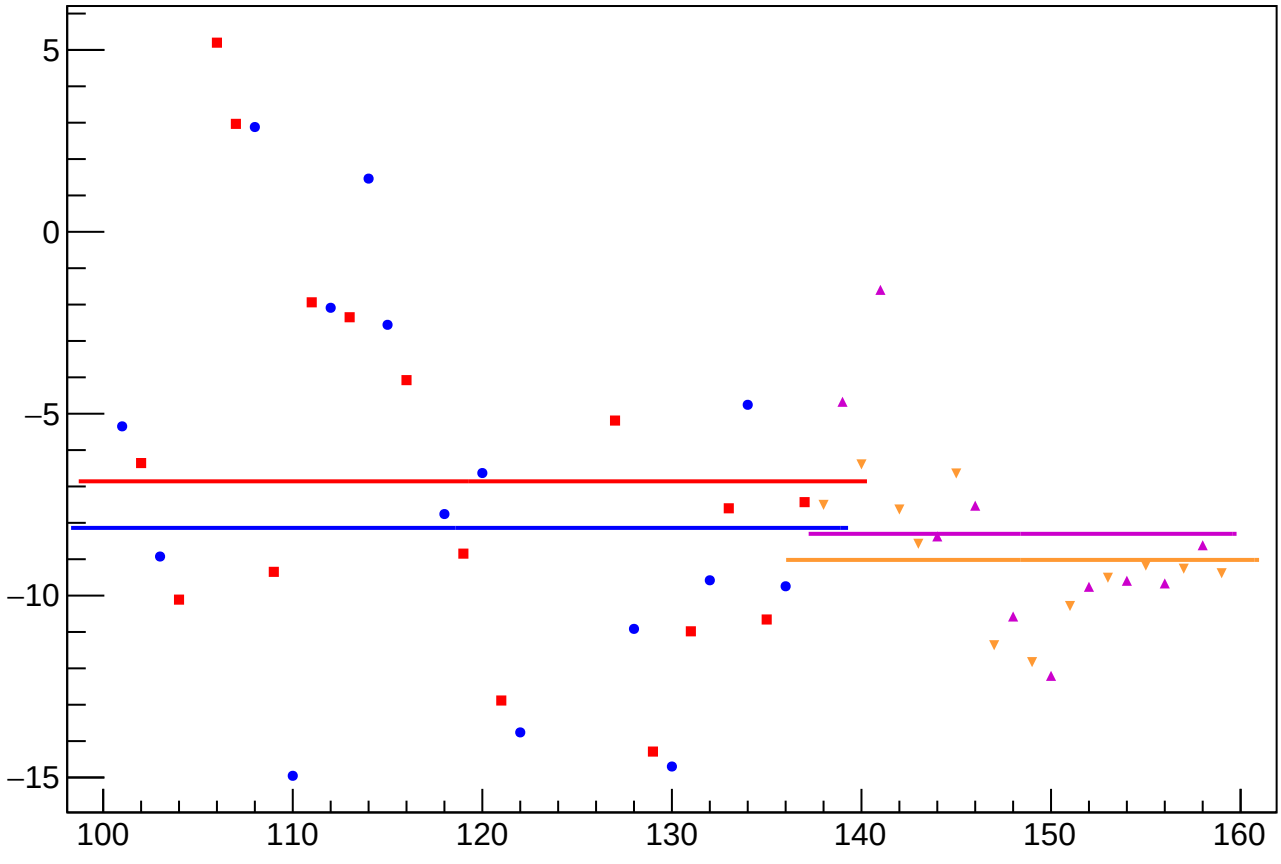
All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -9.019+/-0.000 χ^2/NDF:2556393635520144823493802684579840.0/11

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

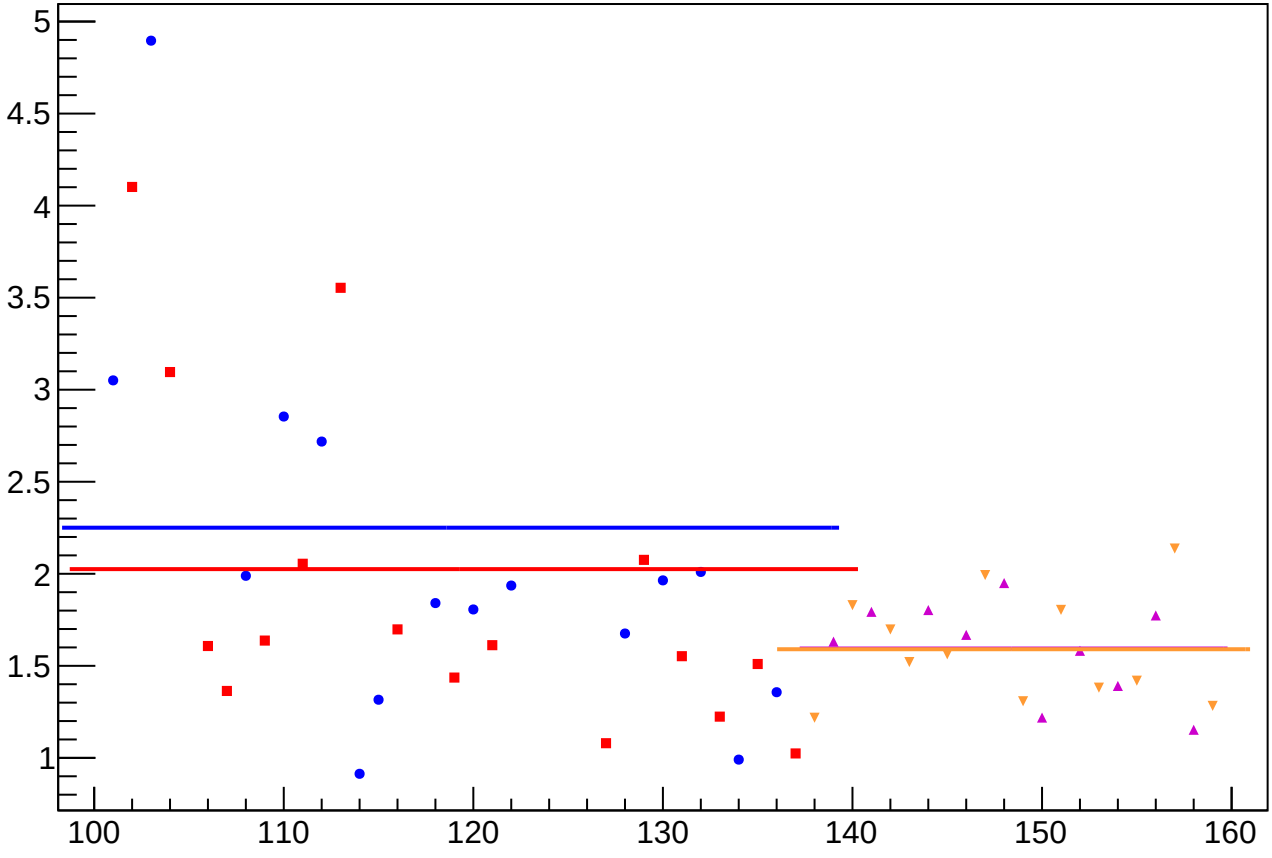
Left In: -8.302+/-0.000 χ^2/NDF:7251000583069947323375141678743552.0/9

+ sign -8.654+/-0.000 χ^2/NDF: 1752717108252513

All: -8.169+/-0.000 χ^2/NDF: 4279055986484

- sign -7.667+/-0.000 χ^2/NDF: 2451302453433505 7

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

+ sign 1.864+/-0.000 χ^2/NDF: 8990040742256429 0

Left Out: 1.590+/-0.000 χ^2/NDF:765543511146936696052180907458 56.0/11

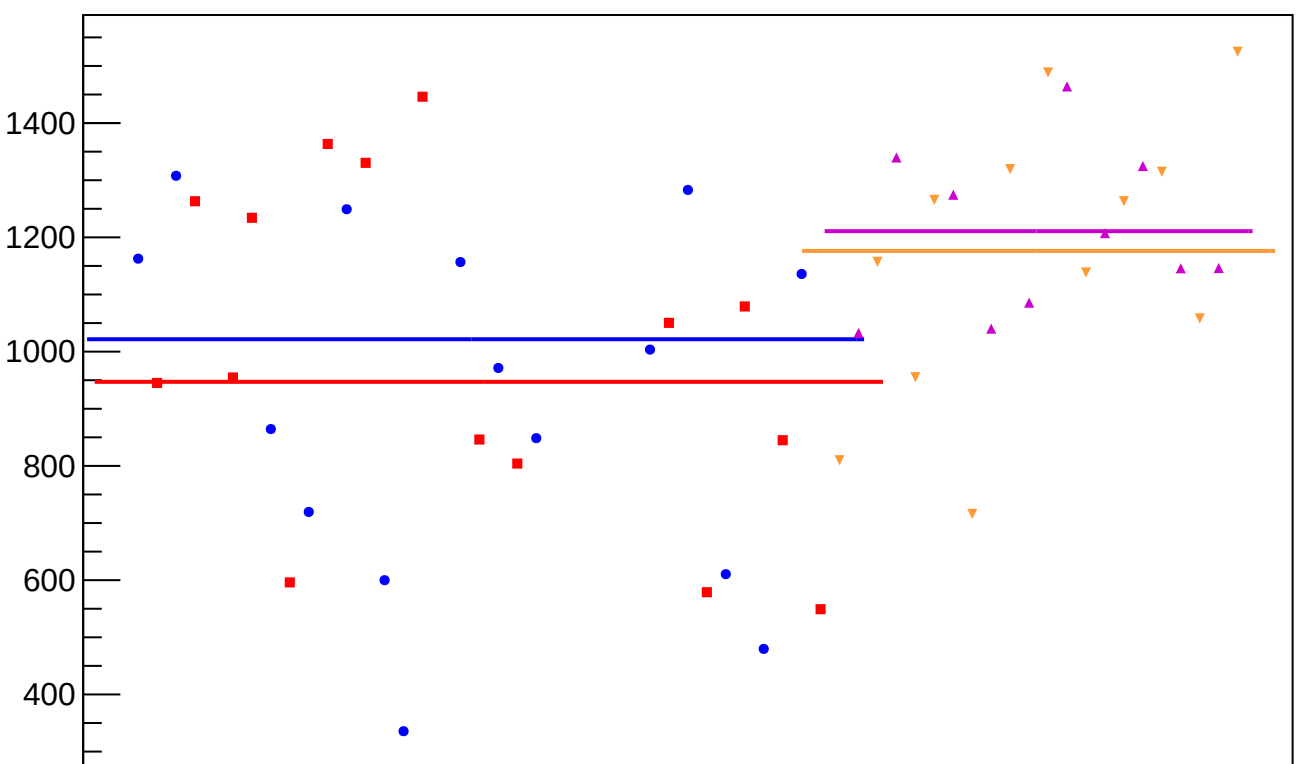
All: 1.824+/-0.000 χ^2/NDF: 1605523577105 5

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

- sign 1.784+/-0.000 χ^2/NDF: 7015731029473845 4

Left In: 1.594+/-0.000 χ^2/NDF:5330801020239217157957701389516 8.0/9

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

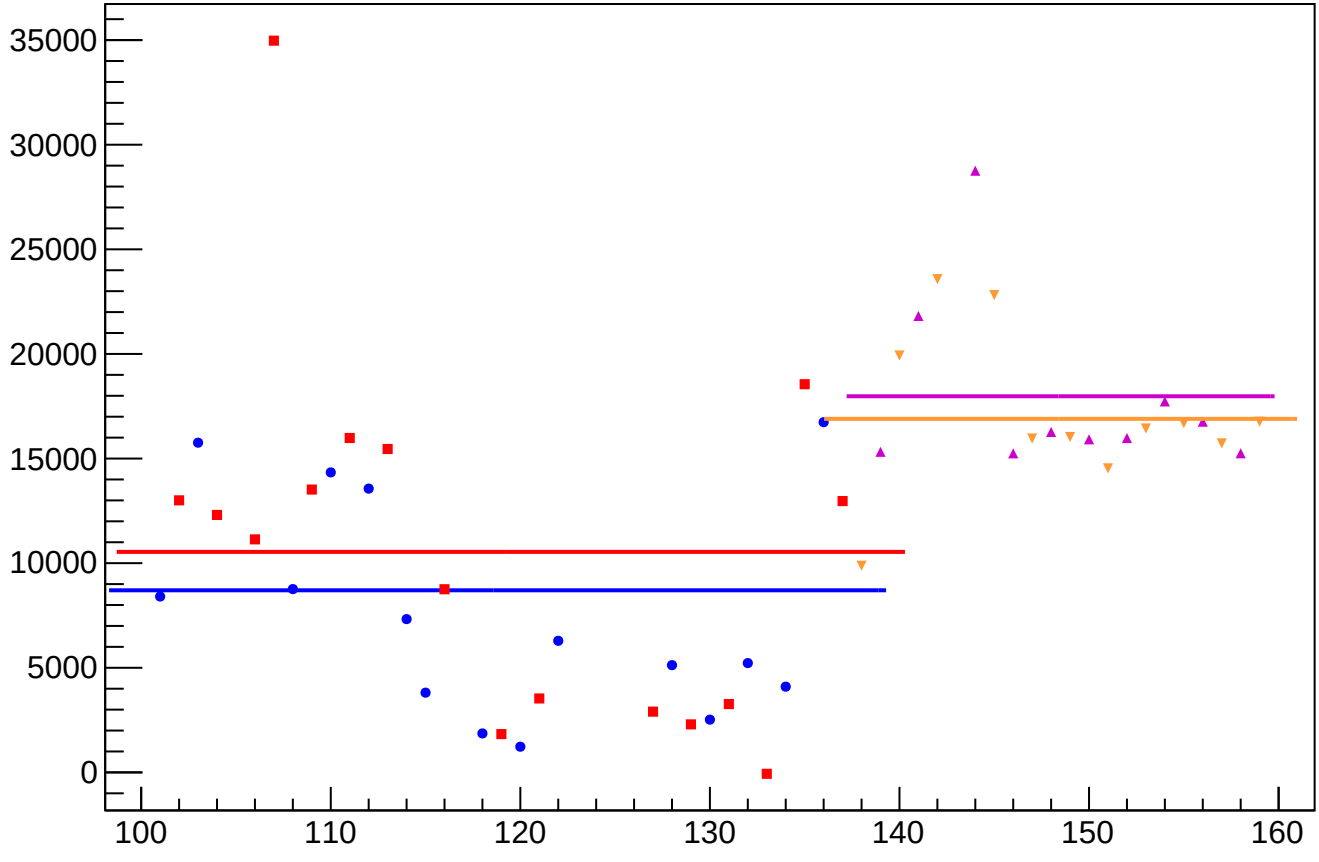
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924 6720.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

+ sign 13349.919+/-0.000 χ^2/NDF: 5438867962568

Left Out: 16897.725+/-0.000 χ^2/NDF:1017625262382863571340569286423009139097 6.0/10

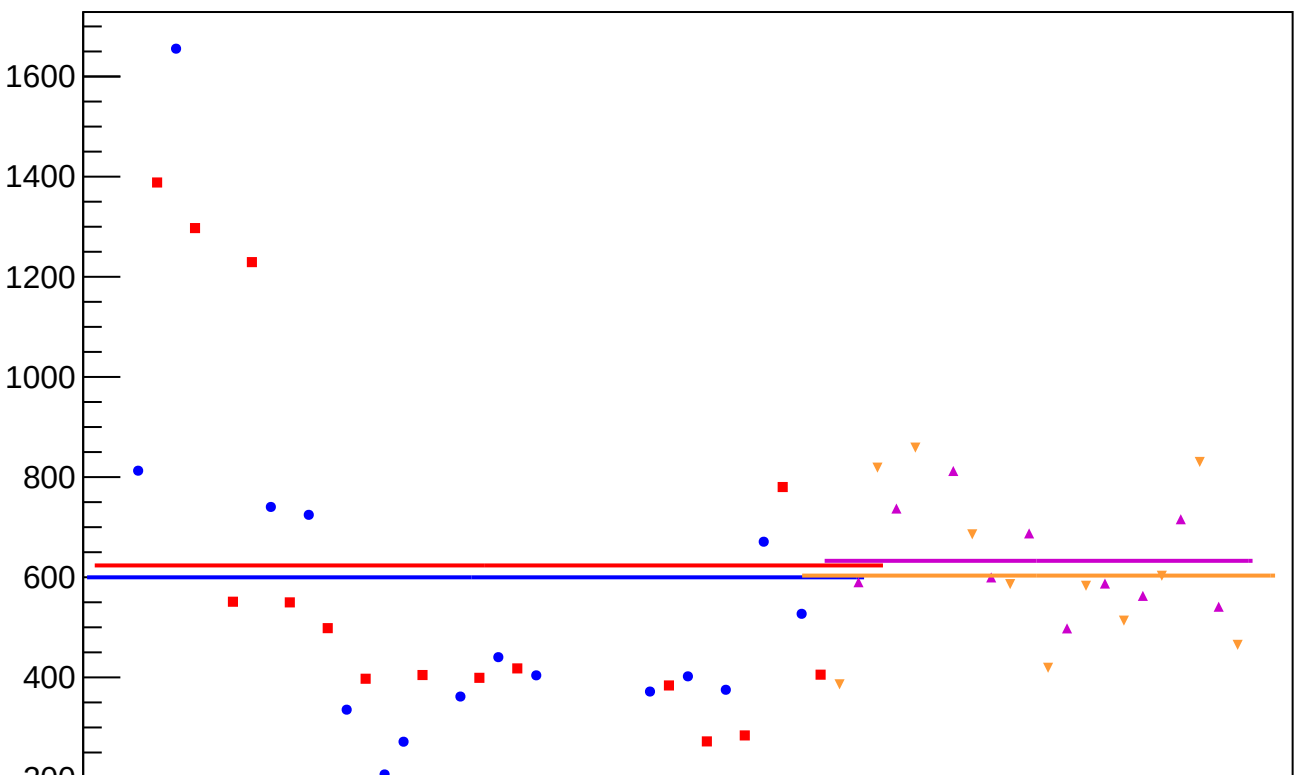
All: 14032.496+/-0.000 χ^2/NDF: 137163556 6

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

- sign 14706.975+/-0.000 χ^2/NDF: 8138636012204

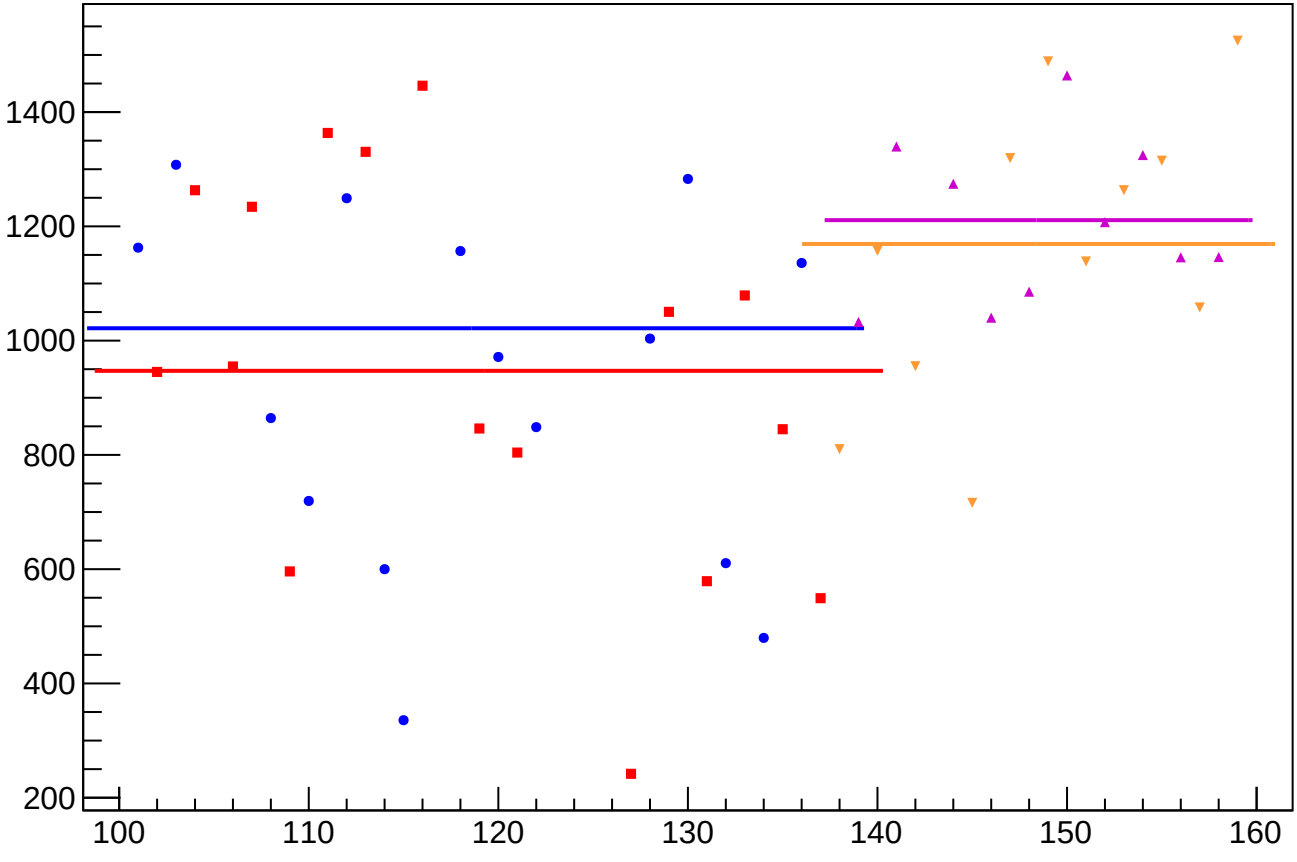
Left Out: 17977.352+/-0.000 χ^2/NDF:1448329674301918004545234245695881976217 6.0/9

dit_usl_coil7_err_mean vs Slug



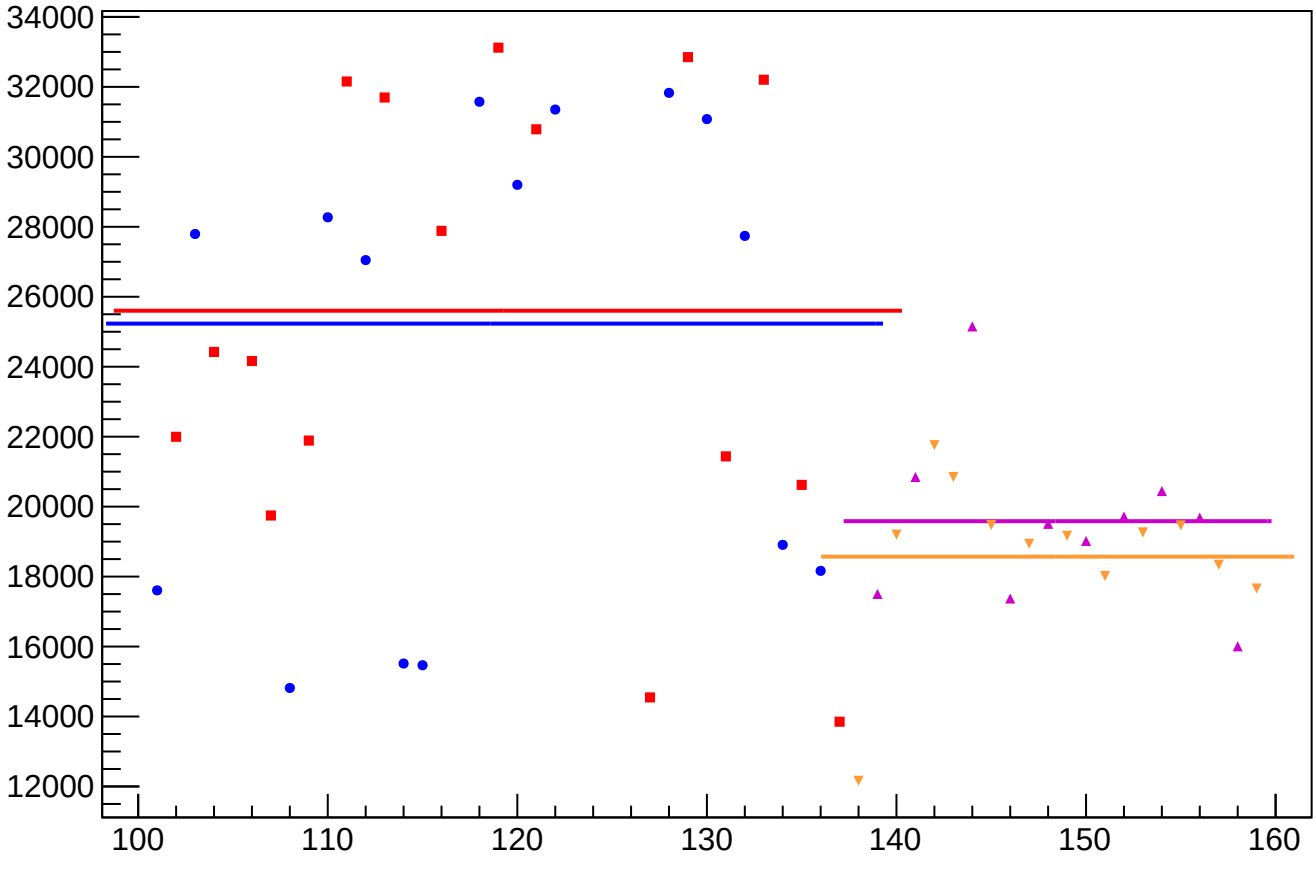
Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14
+ sign 601.816+/-0.000 χ^2/NDF: 109494471147636
Left Out: 603.317+/-0.000 χ^2/NDF:2023108432540805097671000990085545984 0.0/10
All: 615.359+/-0.000 χ^2/NDF: 21930860299
Right Out: 623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15
- sign 628.742+/-0.000 χ^2/NDF: 109267469961033
Left In: 632.802+/-0.000 χ^2/NDF:7786764439691337251774383060435337216.0/9

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1105.328+/-0.000 χ^2/NDF: 10127806605821
Left Out: 1169.193+/-0.000 χ^2/NDF:5277744667517852928965440818889988505 6.0/10
All: 1100.088+/-0.000 χ^2/NDF: 2108855348
Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15
- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 21330.839+/-0.000 χ^2/NDF: 4575967964808

Left Out: 18569.658+/-0.000 χ^2/NDF:435545392994974589674056900812132581376 0.0/11

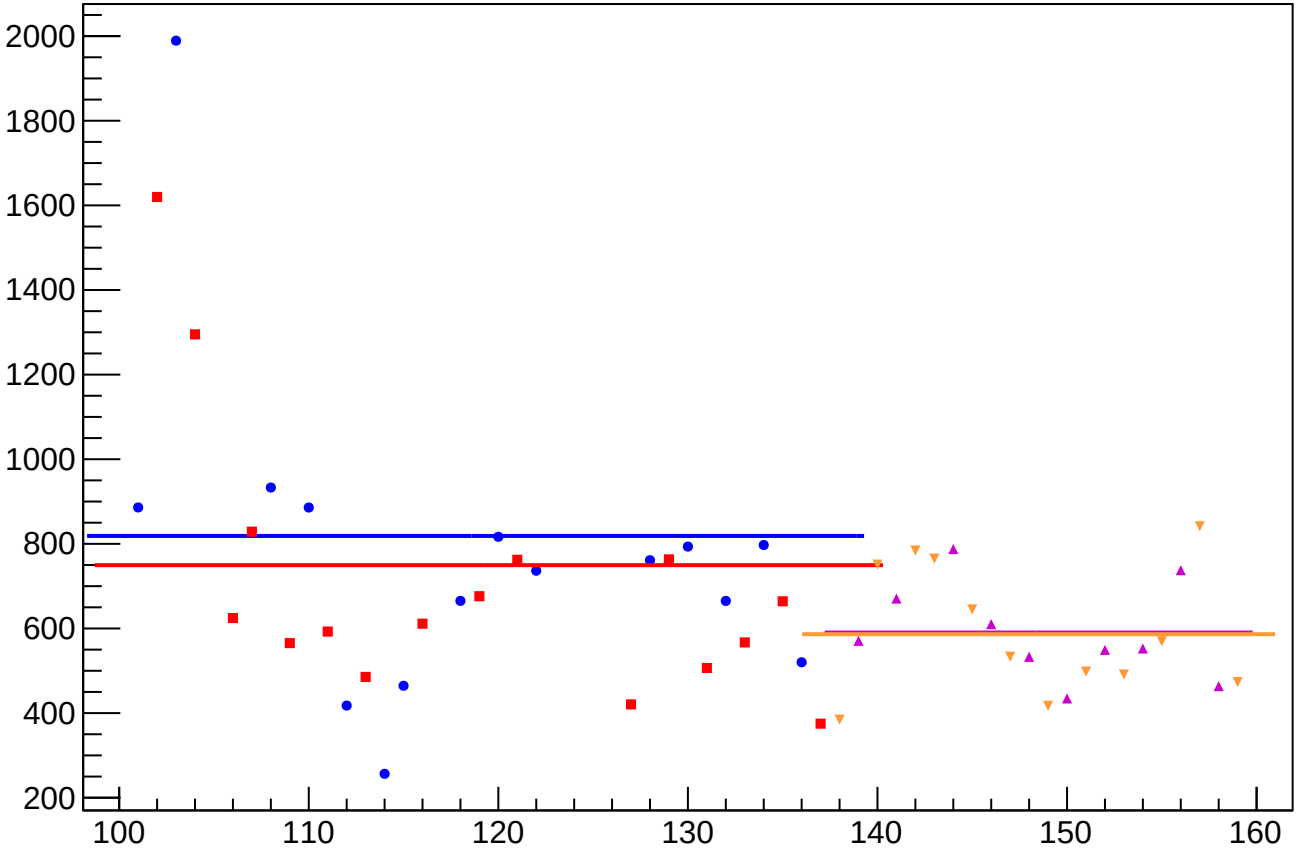
All: 21773.225+/-0.000 χ^2/NDF: 8905865214

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 22229.900+/-0.000 χ^2/NDF: 4267612401453

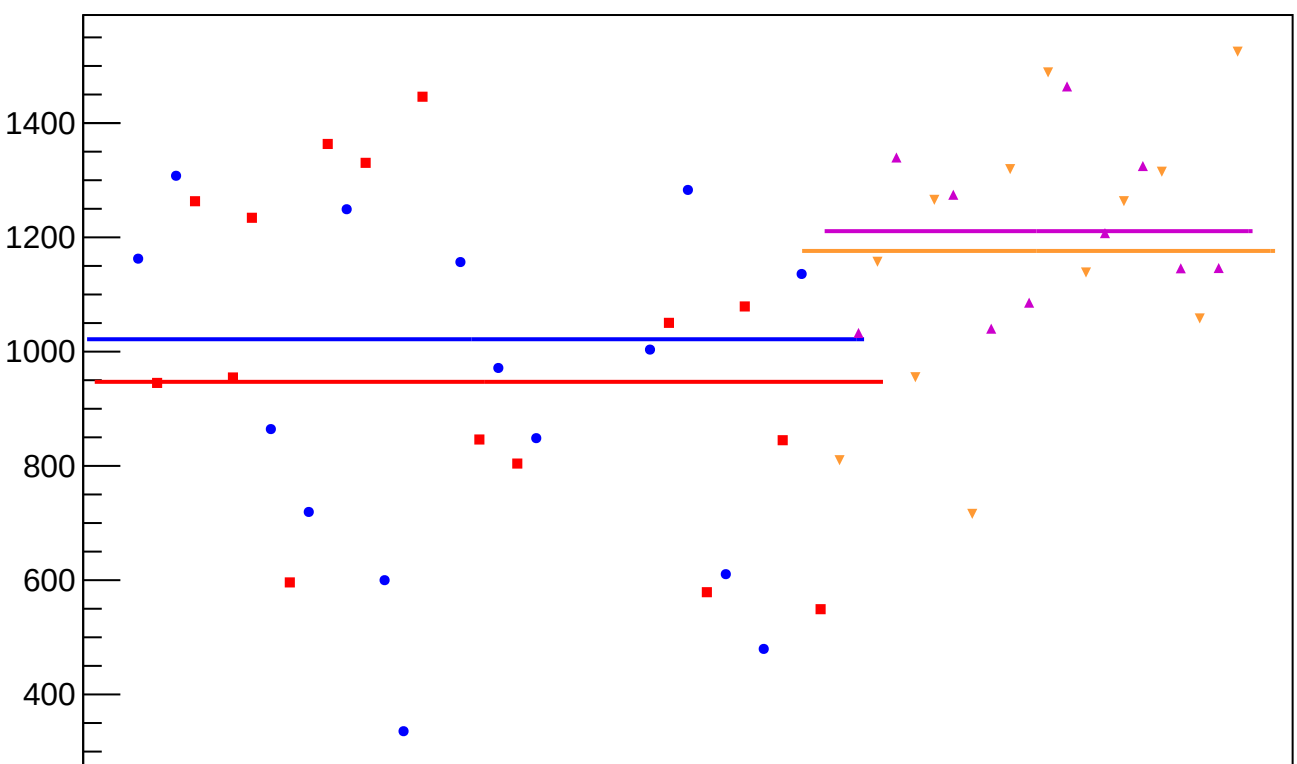
Left In: 19584.273+/-0.000 χ^2/NDF:478518191377428883982194612790346173644 8.0/9

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 682.698+/-0.000 χ^2/NDF: 1458960387664 57
Left Out: 586.466+/-0.000 χ^2/NDF:1979896833676526591917517428715054 6944.0/11
All: 671.766+/-0.000 χ^2/NDF: 2435861886 03
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 660.481+/-0.000 χ^2/NDF: 973098126226987
Left In: 590.501+/-0.000 χ^2/NDF:9869705477627151320874104728649203712.0/9

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

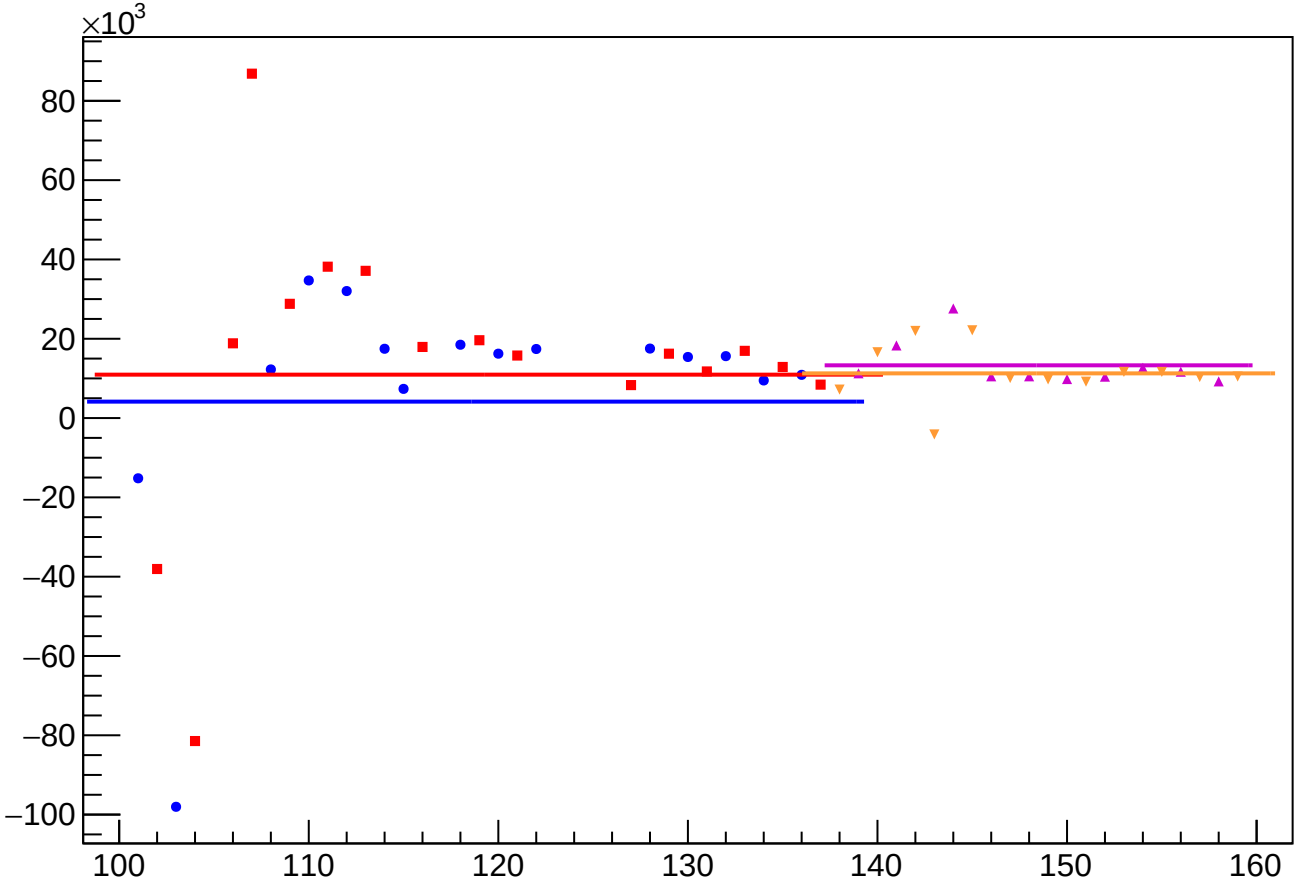
Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

+ sign 8317.741+/-0.000 χ^2/NDF: 8181264655678 8

Left Out: 11270.779+/-0.000 χ^2/NDF:3513704352703313906538875918268284849356 8.0/11

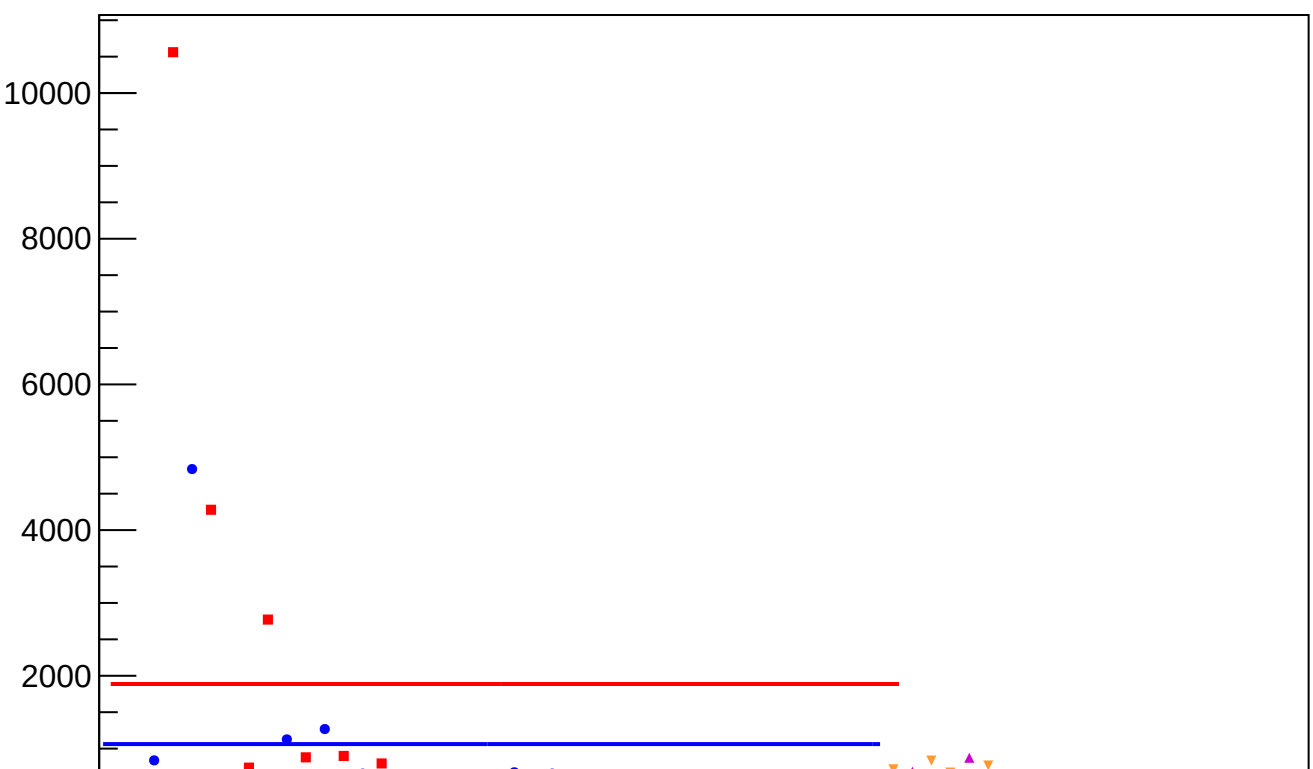
All: 10260.915+/-0.000 χ^2/NDF: 1731559662

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12266.853+/-0.000 χ^2/NDF: 9014160122931

Left In: 13301.708+/-0.000 χ^2/NDF:2539602527732781433942007906935168932249 6.0/9

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

+ sign 771.544+/-0.000 χ^2/NDF: 106304781671472

Left Out: 565.876+/-0.000 χ^2/NDF:166473791256182929136478488785793843 20.0/11

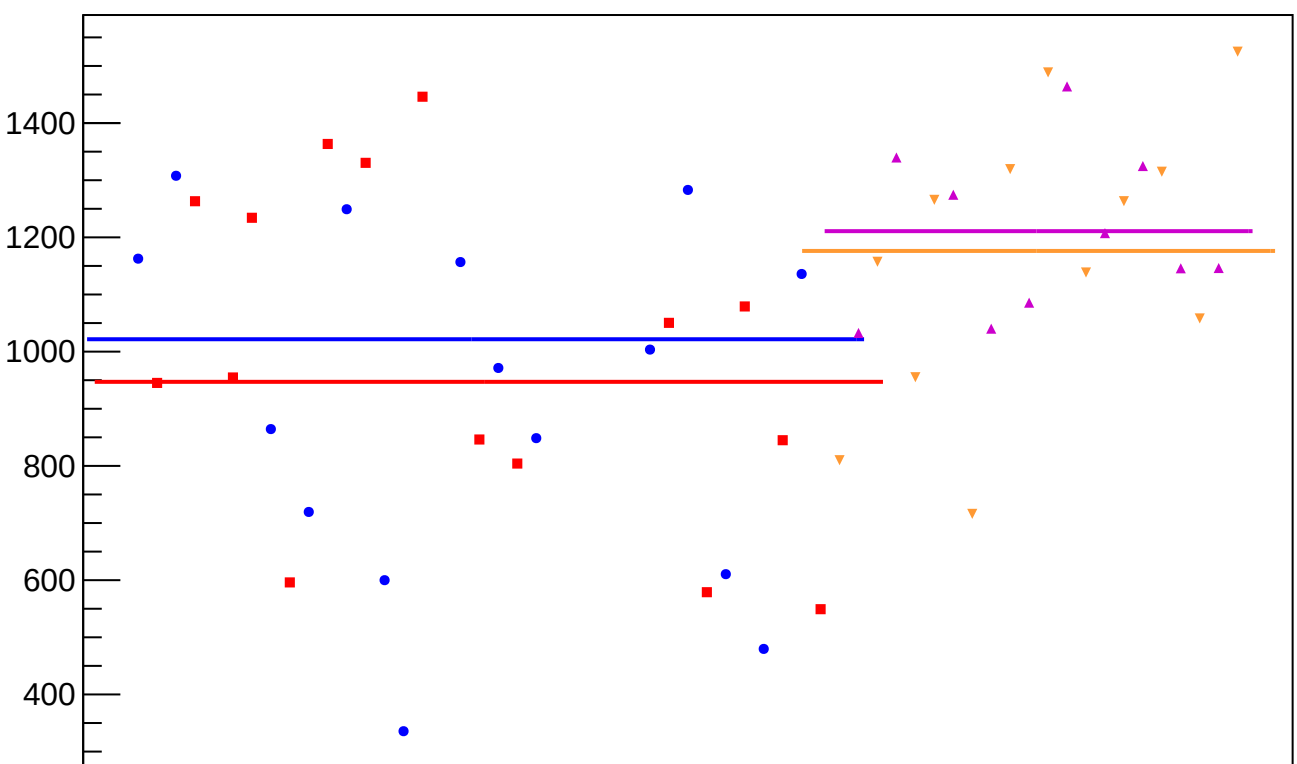
All: 961.843+/-0.000 χ^2/NDF: 73481244141

Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

- sign 1158.289+/-0.000 χ^2/NDF: 61698233117382

Left In: 586.404+/-0.000 χ^2/NDF:116910777655711720032315635089067212 80.0/9

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

Left Out: 1176.242+/-0.000 χ^2/NDF:533555257965920228823850231988832174 08.0/11

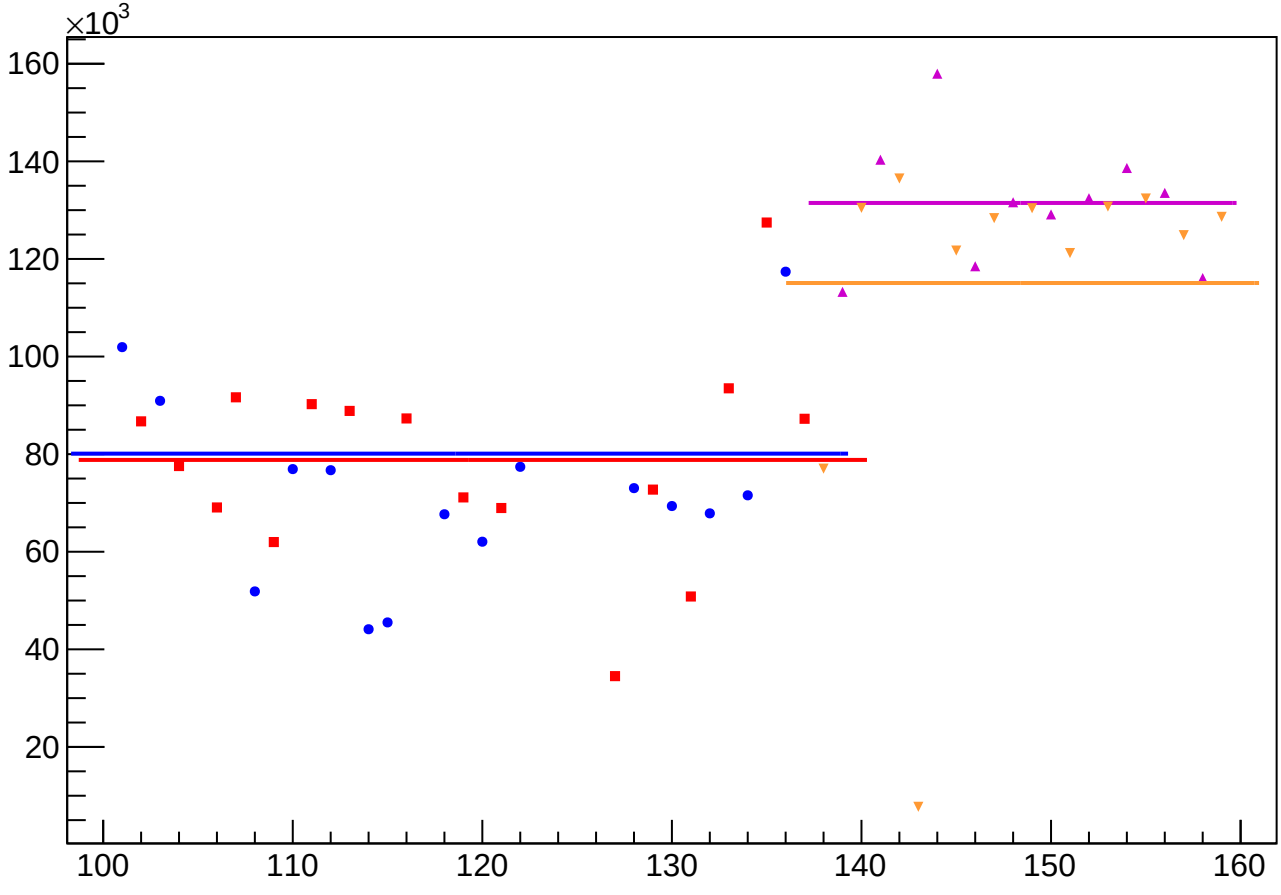
All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

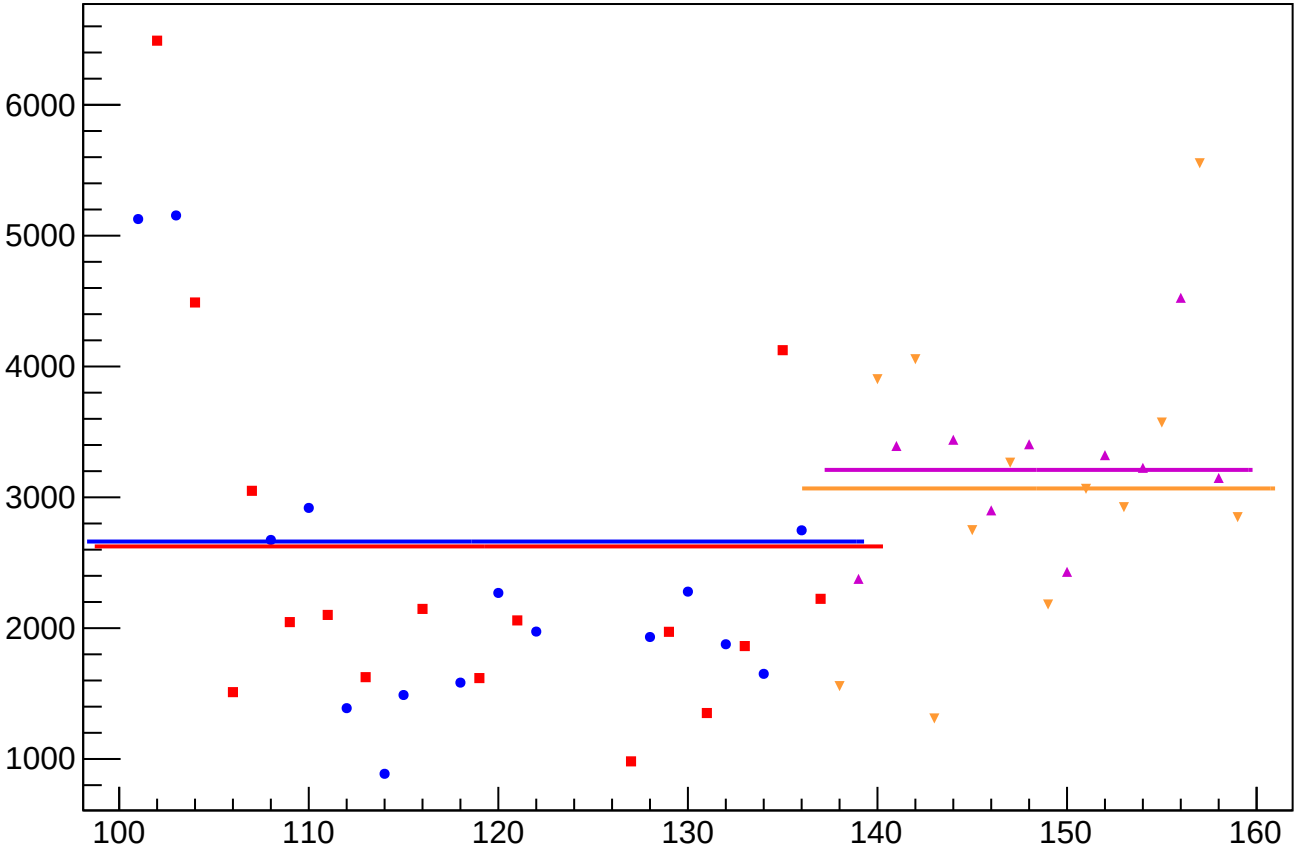
Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
+ sign 100579.063+/-0.000 χ^2/NDF: 17517314596 8
Left Out: 115071.197+/-0.000 χ^2/NDF:10325006808320338789278995472903048307671 04.0/11
All: 104388.746+/-0.000 χ^2/NDF: 3254999 34
Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15
- sign 108321.483+/-0.000 χ^2/NDF: 1457076901 89
Left In: 131474.741+/-0.000 χ^2/NDF:1346584995050192824358248473787900352 26624.0/9

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

+ sign 2899.744+/-0.000 χ^2/NDF: 2172432595163

Left Out: 3067.875+/-0.000 χ^2/NDF:1078495187687389019694818149822179049472.0/11

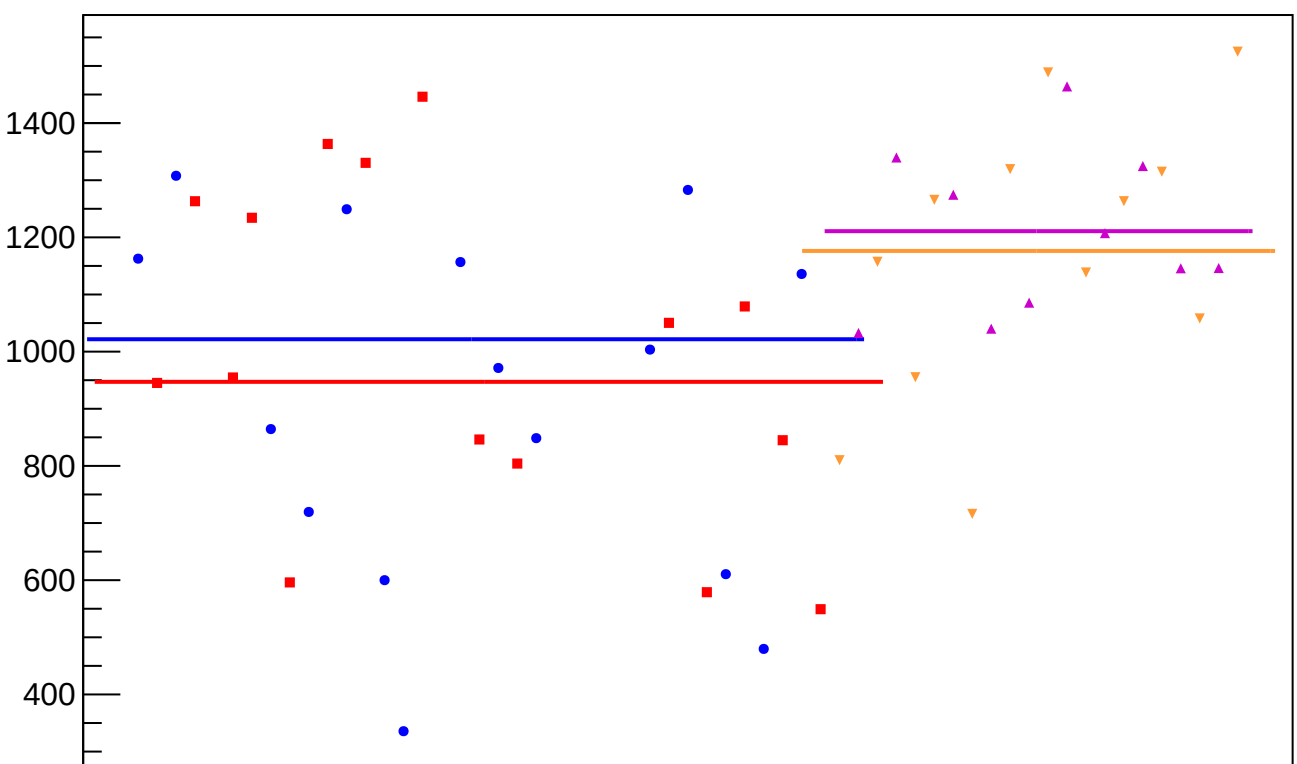
All: 2925.699+/-0.000 χ^2/NDF: 4139218817

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

- sign 2952.493+/-0.000 χ^2/NDF: 19646421110324

Left In: 3209.718+/-0.000 χ^2/NDF:2700273144472767933292079752532973322 24.0/9

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

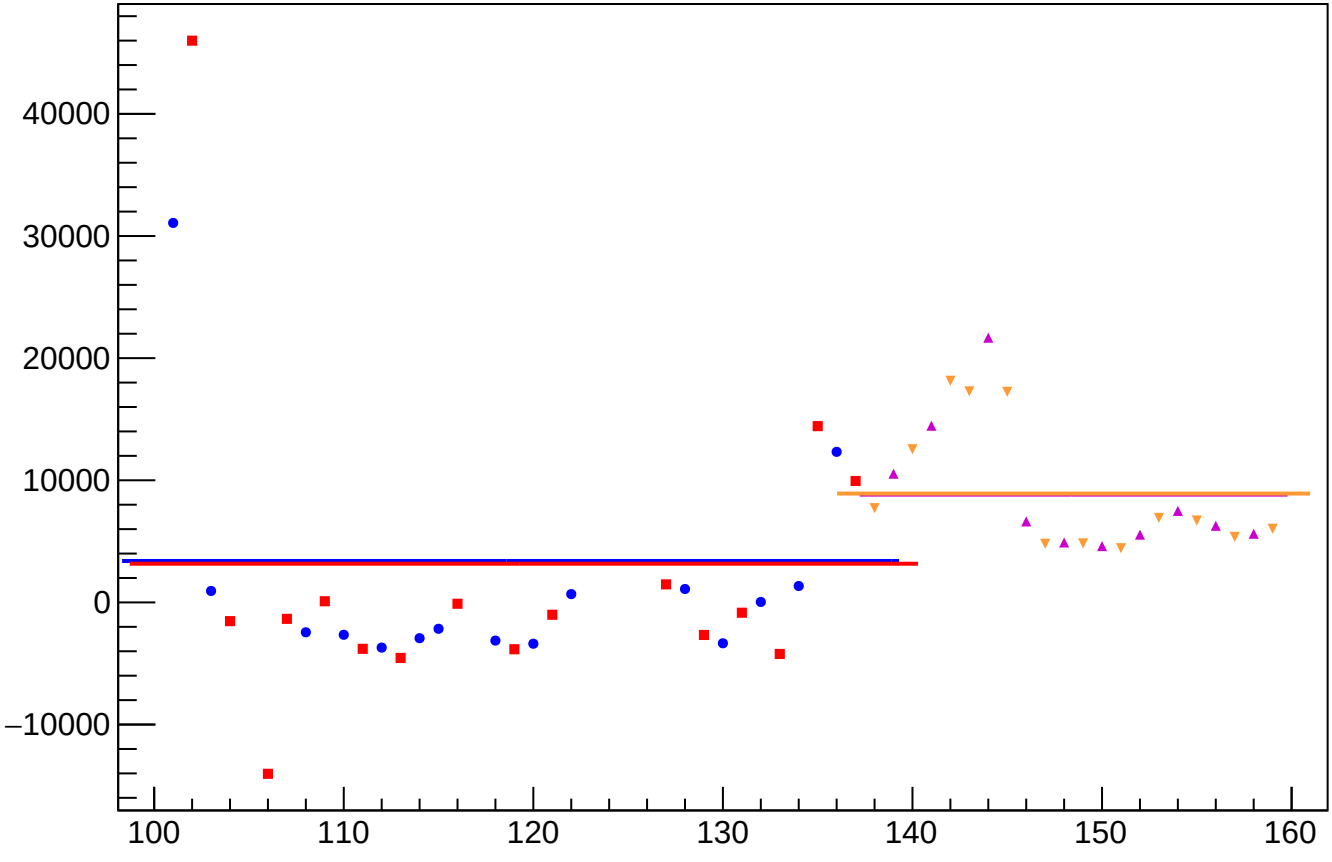
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

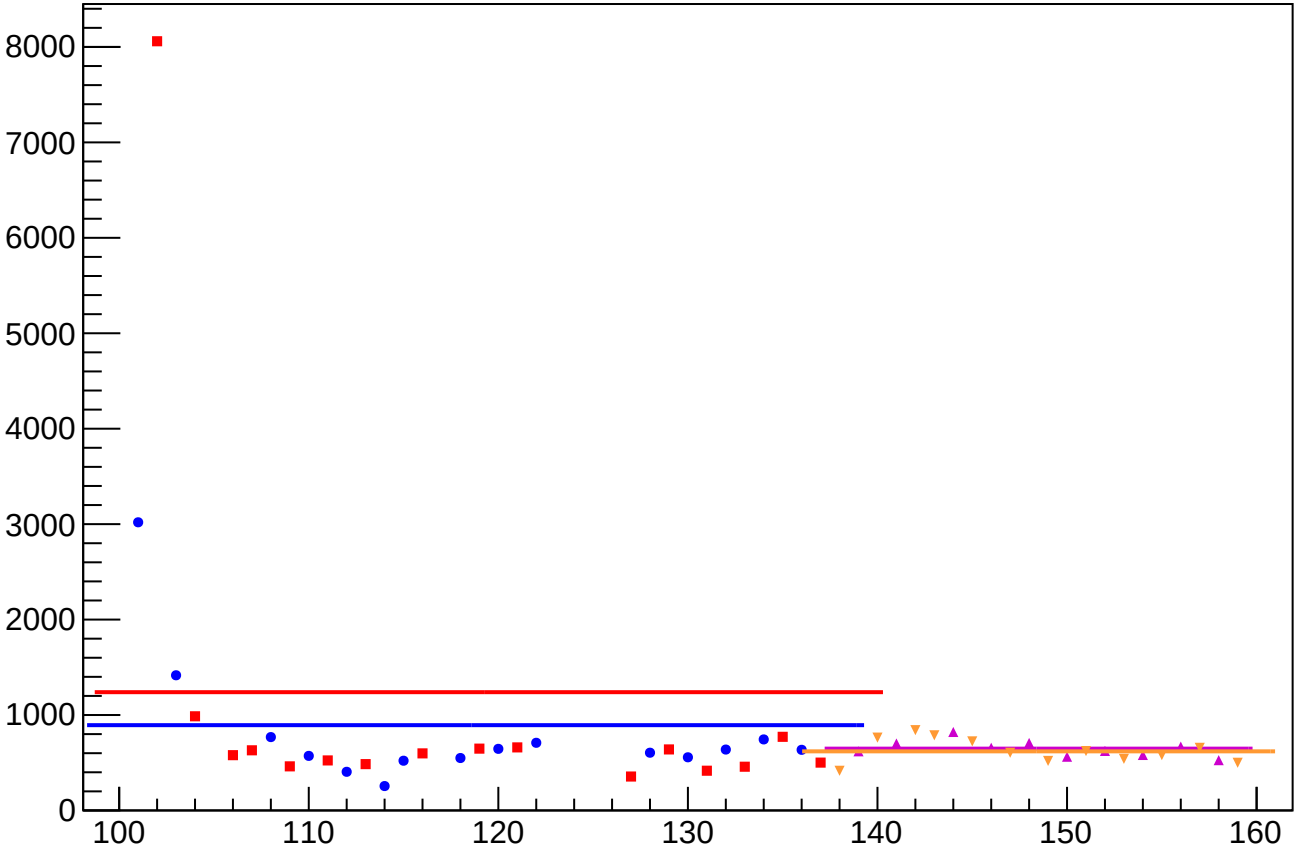
- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6624.005+/-0.000 χ^2/NDF: 9953026642235 6
Left Out: 8912.459+/-0.000 χ^2/NDF:2207054440264607428426823169080523594137 6.0/11
All: 6483.375+/-0.000 χ^2/NDF: 2727004337 3
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6338.201+/-0.000 χ^2/NDF: 17310722534948
Left In: 8826.351+/-0.000 χ^2/NDF:2338505858309671724397034517493698265088 0.0/9

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14

+ sign 733.050+/-0.000 χ^2/NDF: 37592509414626 7

Left Out: 619.363+/-0.000 χ^2/NDF:1274331059790780227359809930048988 7744.0/11

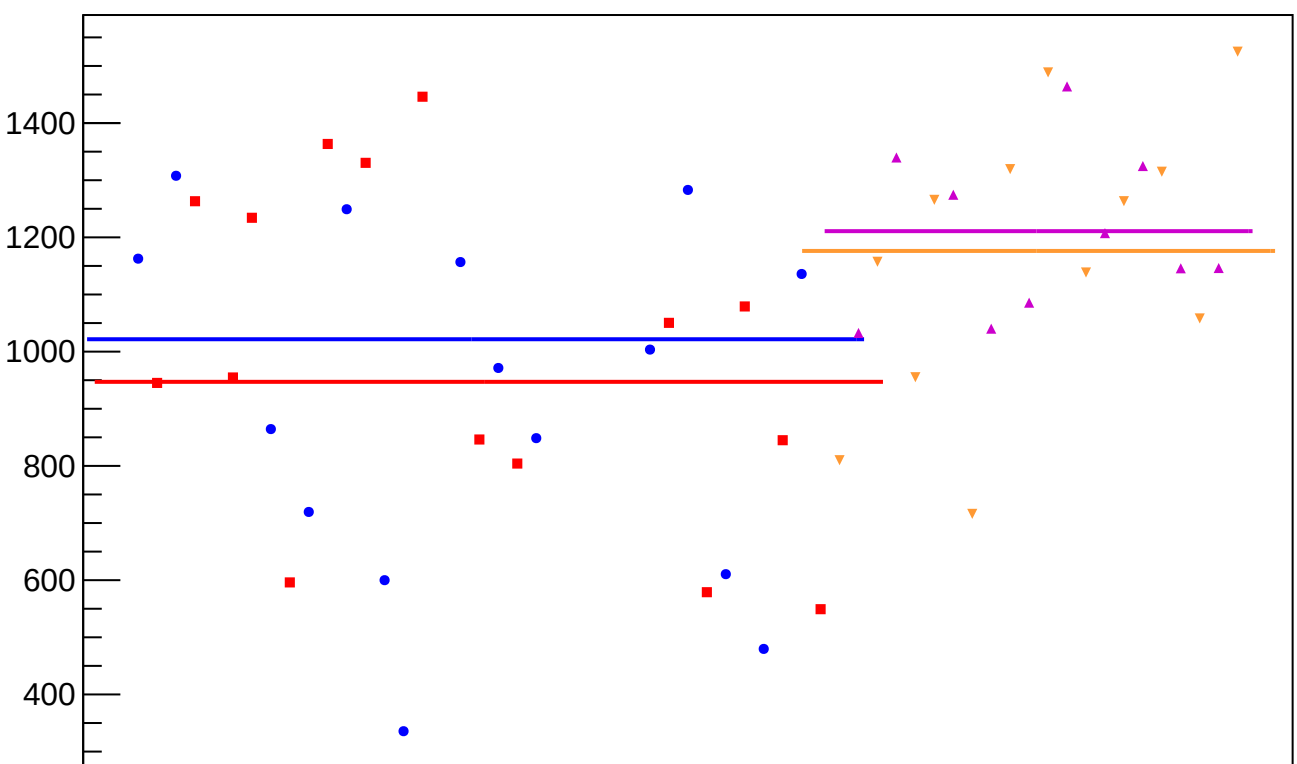
All: 819.023+/-0.000 χ^2/NDF: 3506922574 27

Right Out: 1239.298+/-0.000 χ^2/NDF: 2970990859486483990408108918937565003776.0/15

- sign 907.774+/-0.000 χ^2/NDF: 310747349113777

Left In: 647.625+/-0.000 χ^2/NDF:5647801198571049492143195106830188544.0/9

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

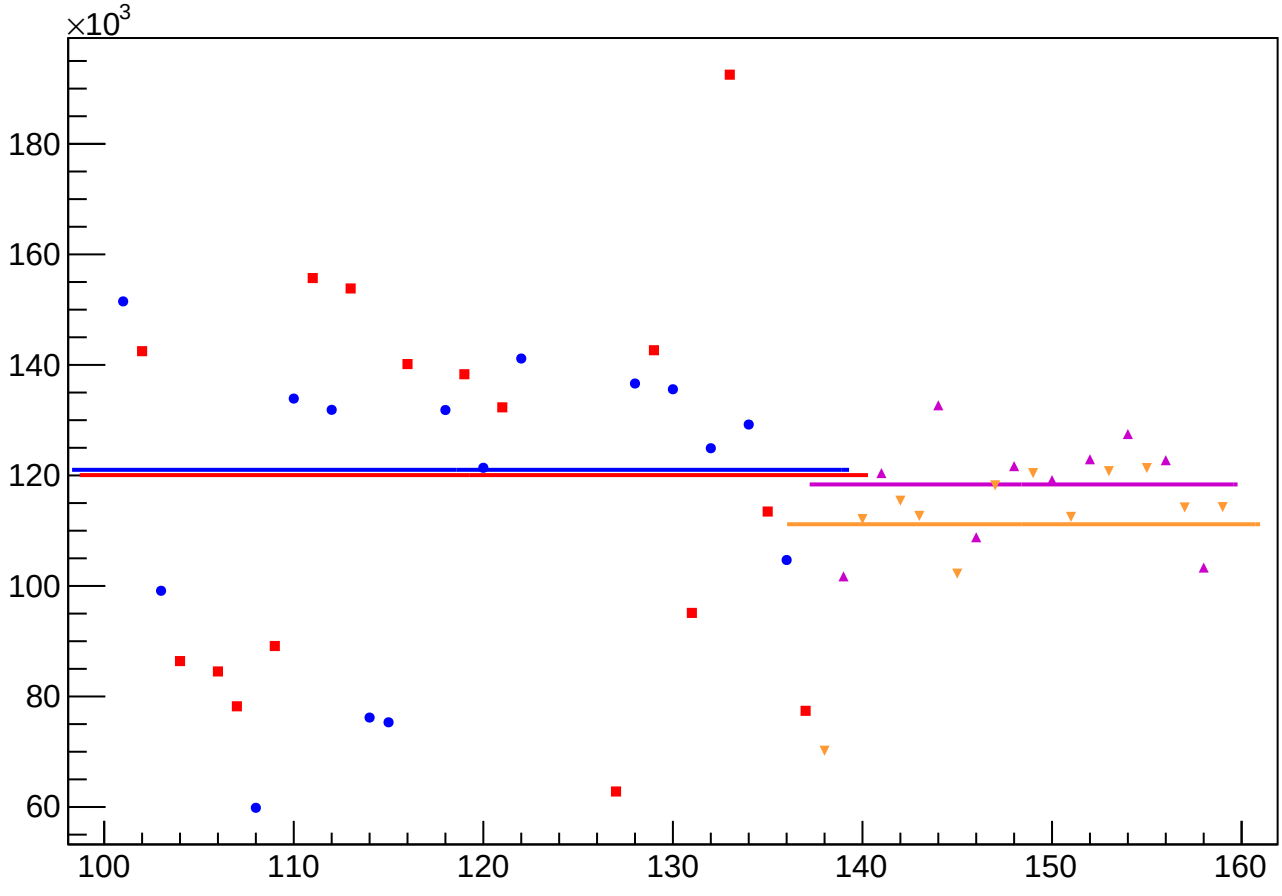
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

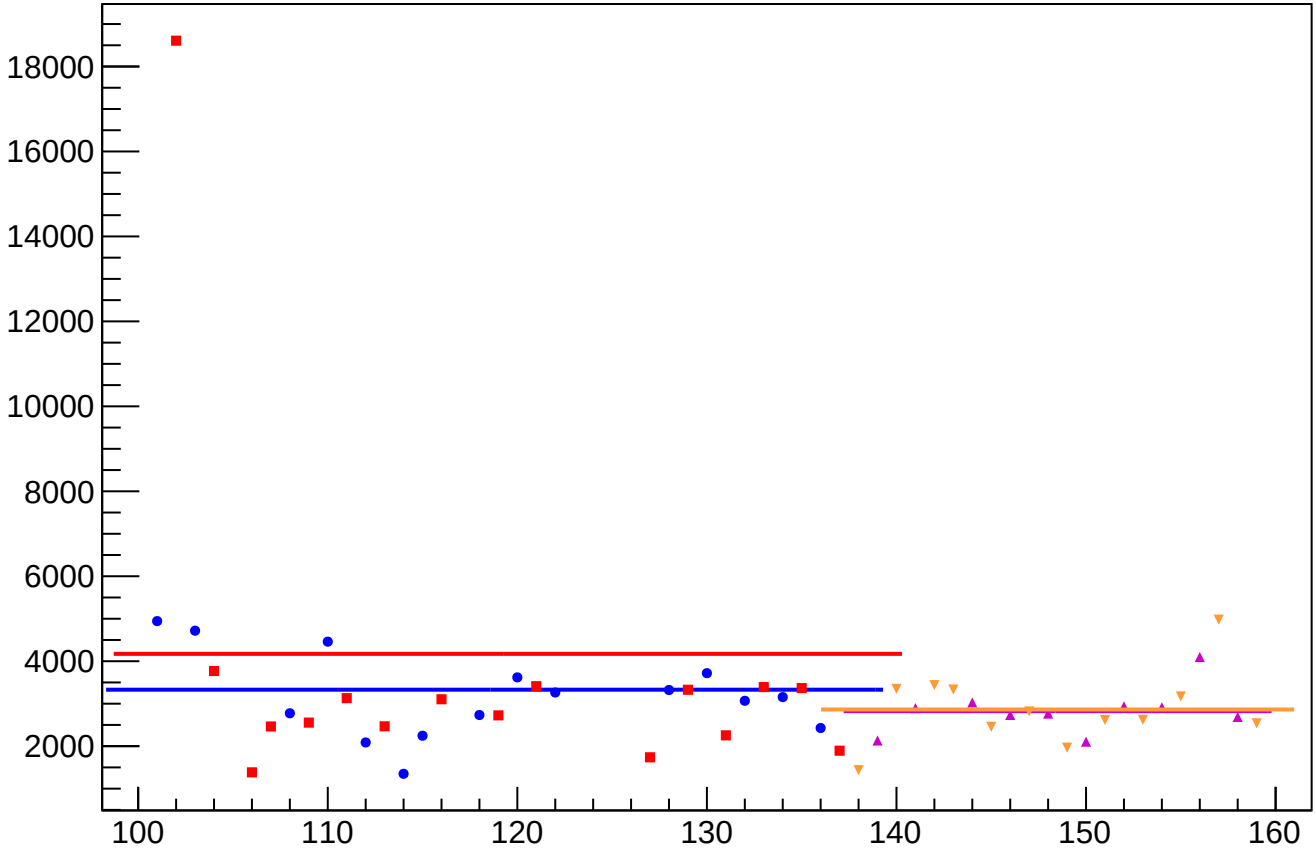
- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115248.820+/-0.000 χ^2/NDF: 562947495905
Left Out: 111166.801+/-0.000 χ^2/NDF:1673641924393880472122504610079693686702 08.0/11
All: 117150.708+/-0.000 χ^2/NDF: 14826041(
Right Out: 120060.693+/-0.000 χ^2/NDF: 8284197823467076014486203100141359527362 56.0/15
- sign 119114.027+/-0.000 χ^2/NDF: 908144646836
Left Out: 118371.172+/-0.000 χ^2/NDF:7865805618844483999608024008634188116 7872.0/9

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3056.426+/-0.000 χ^2/NDF: 1318441136144 2

Left Out: 2863.169+/-0.000 χ^2/NDF:668766817298044492245074854515224608768.0/11

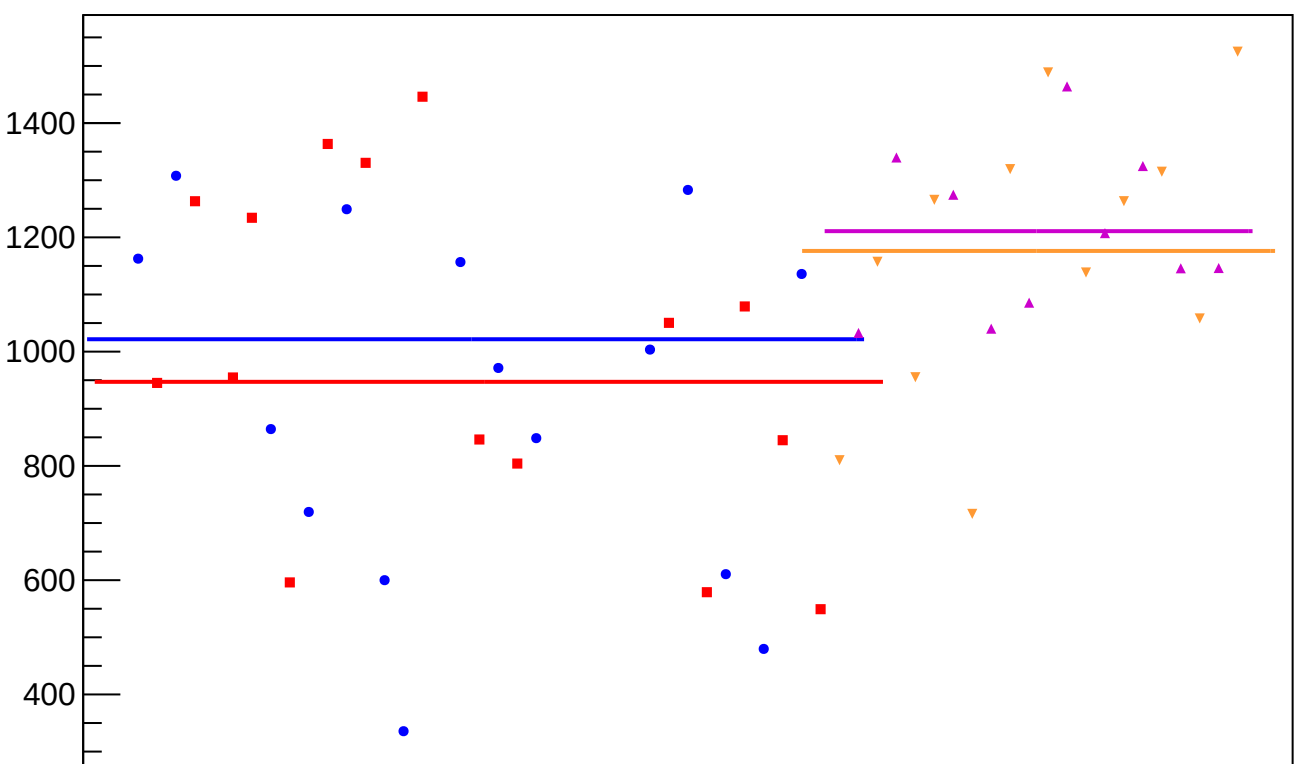
All: 3233.955+/-0.000 χ^2/NDF: 1582180037 5

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810 6240.0/15

- sign 3417.219+/-0.000 χ^2/NDF: 14403054914904

Left In: 2823.813+/-0.000 χ^2/NDF:224066085754679819342225770361391153152.0/9

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

Left Out: 1176.242+/-0.000 χ^2/NDF:533555257965920228823850231988832174 08.0/11

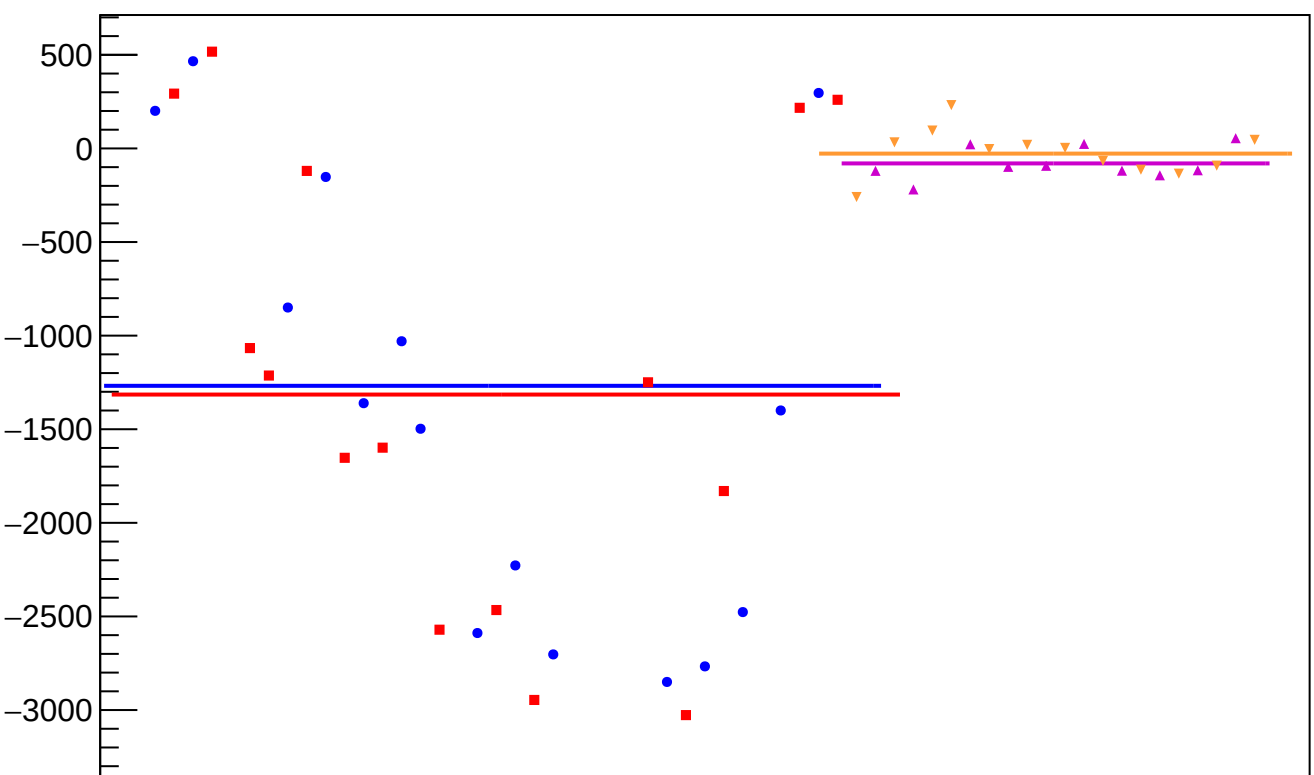
All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -541.718+/-0.000 χ^2/NDF: 16894077125350

Left Out: -27.654+/-0.000 χ^2/NDF:124041316170362888185736325169172971 52.0/11

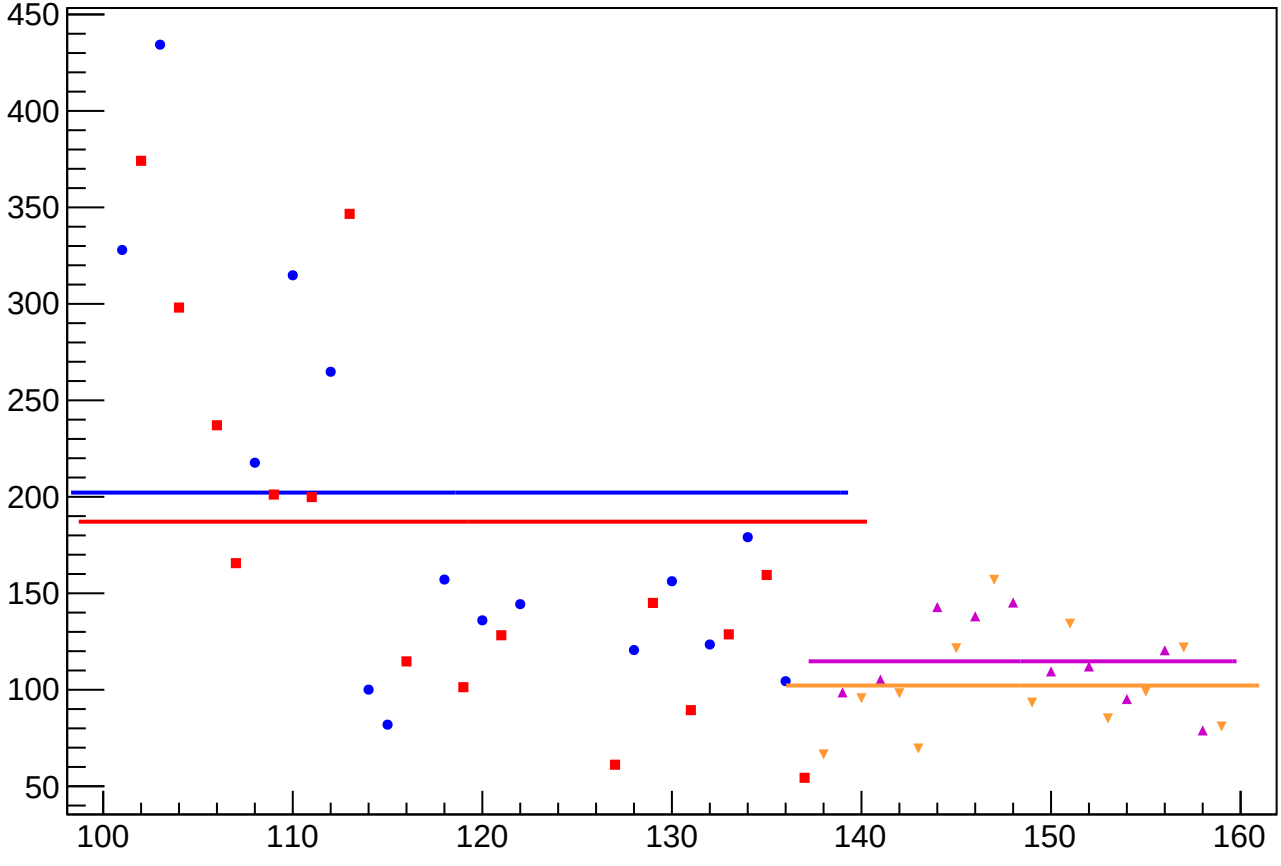
All: -581.686+/-0.000 χ^2/NDF: 3368508184 2

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -622.944+/-0.000 χ^2/NDF: 167401660324316

Left In: -80.066+/-0.000 χ^2/NDF:579703930456331344955009987467490099 2.0/9

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 102.211+/-0.000 χ^2/NDF:617349982651654313498458631453016064.0/11

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

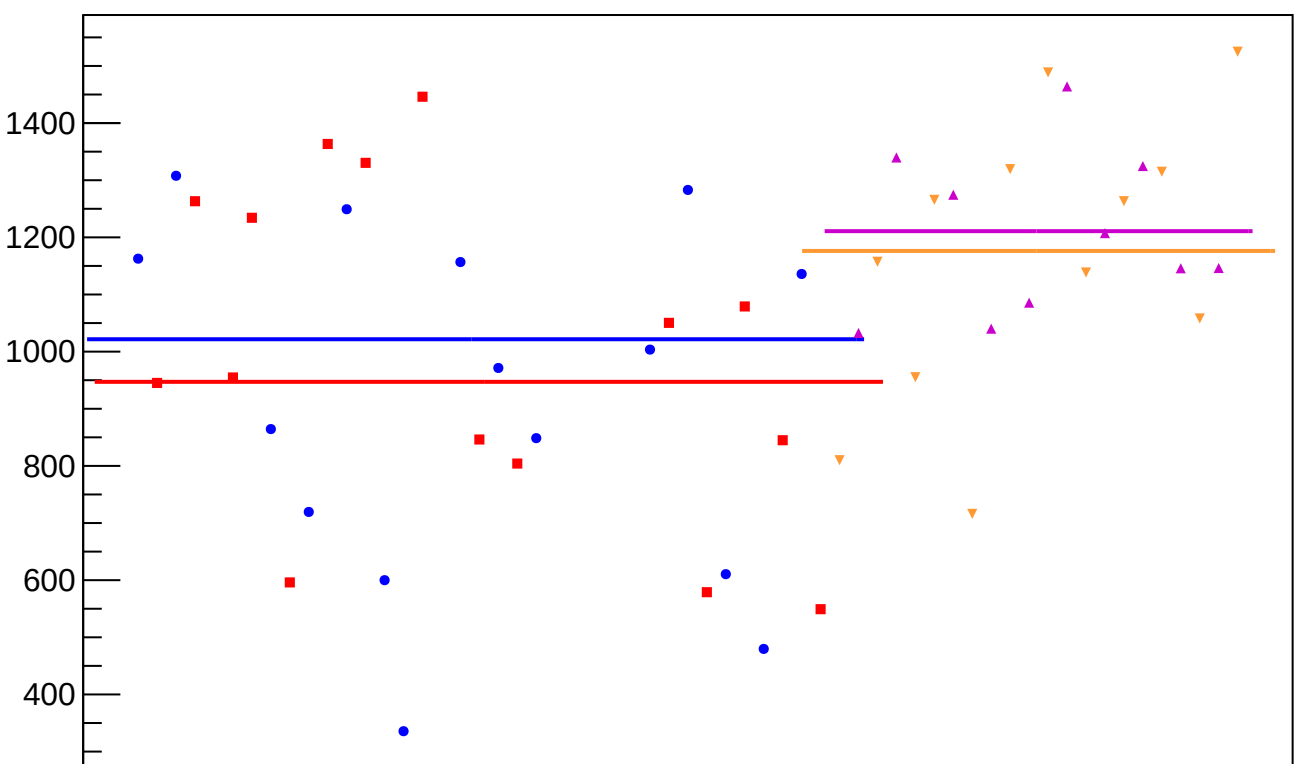
Left In: 114.755+/-0.000 χ^2/NDF:365702711945424540084712272912449536.0/9

+ sign 143.646+/-0.000 χ^2/NDF: 114440760944396

All: 145.087+/-0.000 χ^2/NDF: 20003857409 5

- sign 146.575+/-0.000 χ^2/NDF: 855316948336295

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

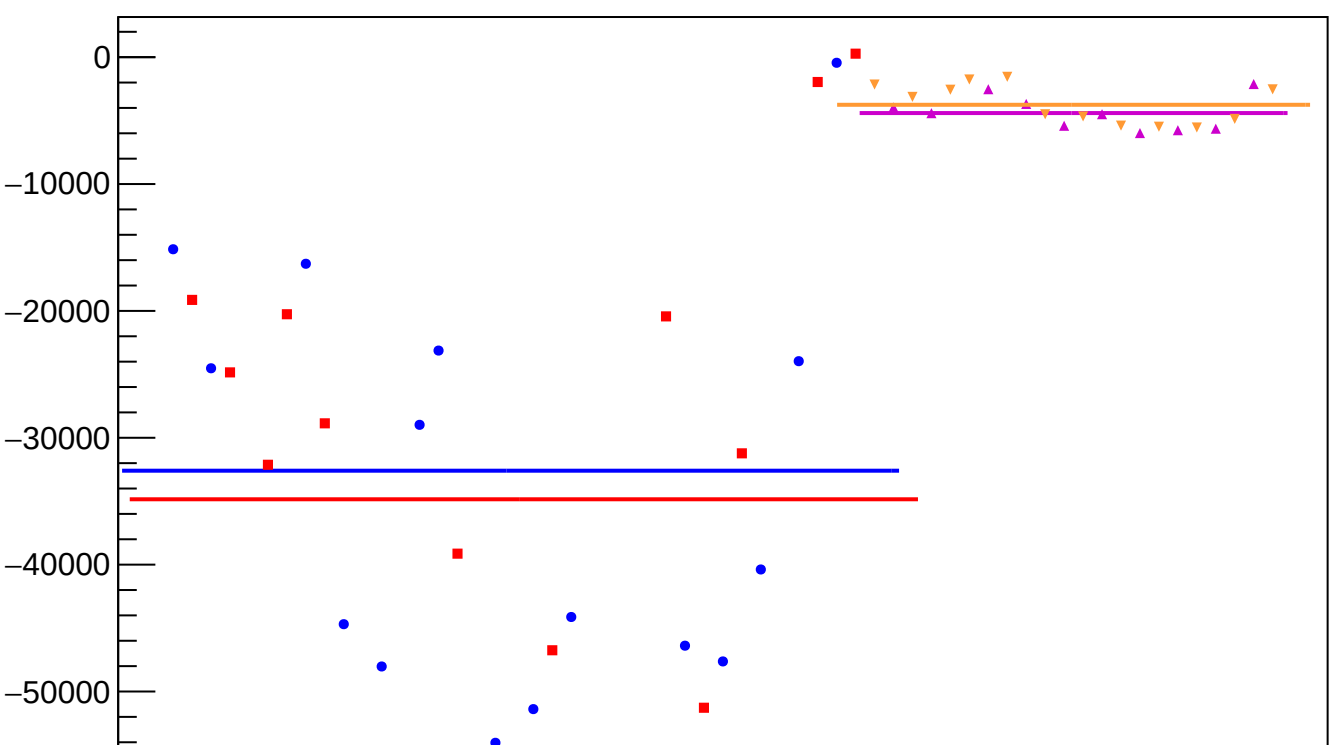
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

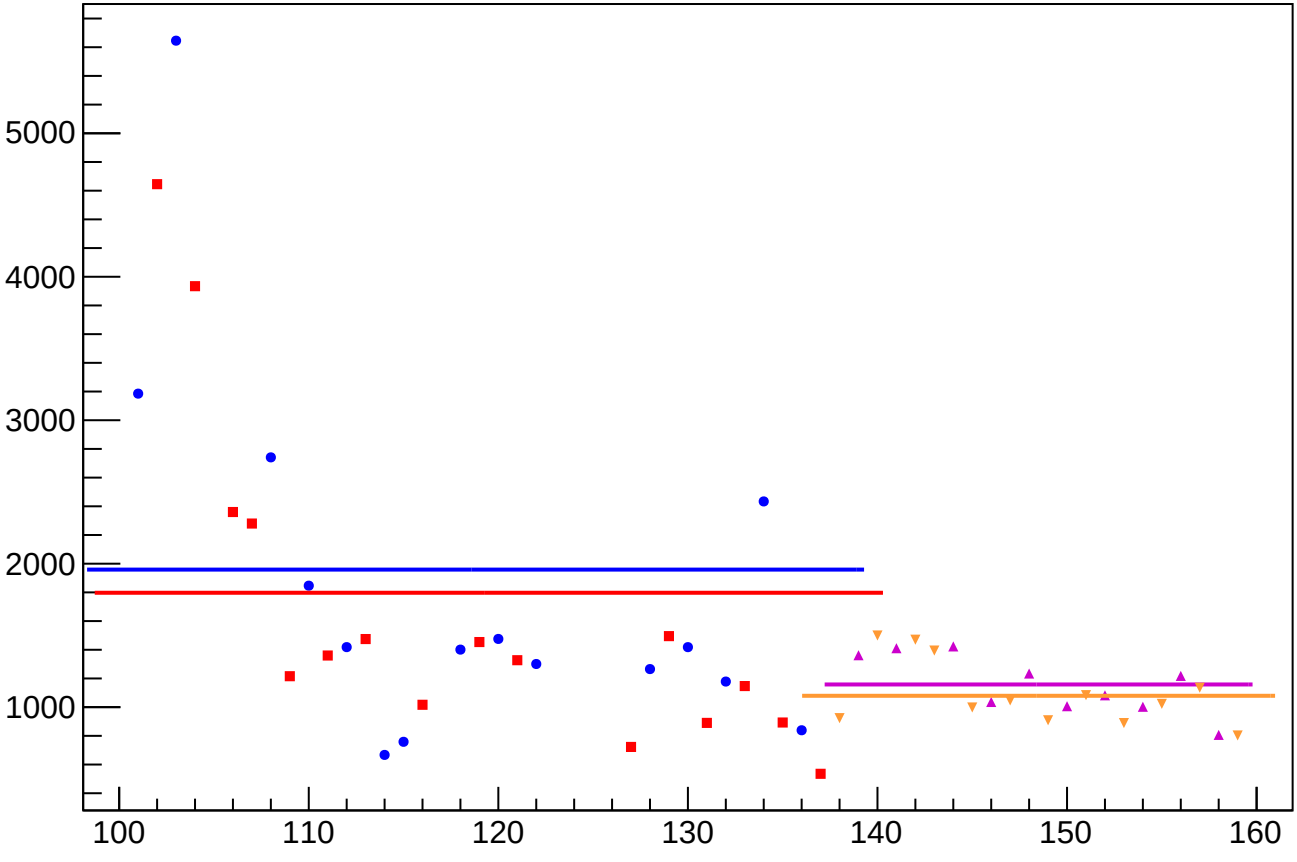
- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -15705.699+/-0.000 χ^2/NDF: 527300976753
Left Out: -3752.448+/-0.000 χ^2/NDF:200401892239786451250625175198296860262 4.0/11
All: -16731.375+/-0.000 χ^2/NDF: 109953181
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -17790.180+/-0.000 χ^2/NDF: 5688827253136
Left In: -4404.772+/-0.000 χ^2/NDF:138374270692186326070555052949648074 3424.0/9

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1443.764+/-0.000 χ^2/NDF: 15261985554575

Left Out: 1079.227+/-0.000 χ^2/NDF:428394586612557246098944060584624128 00.0/11

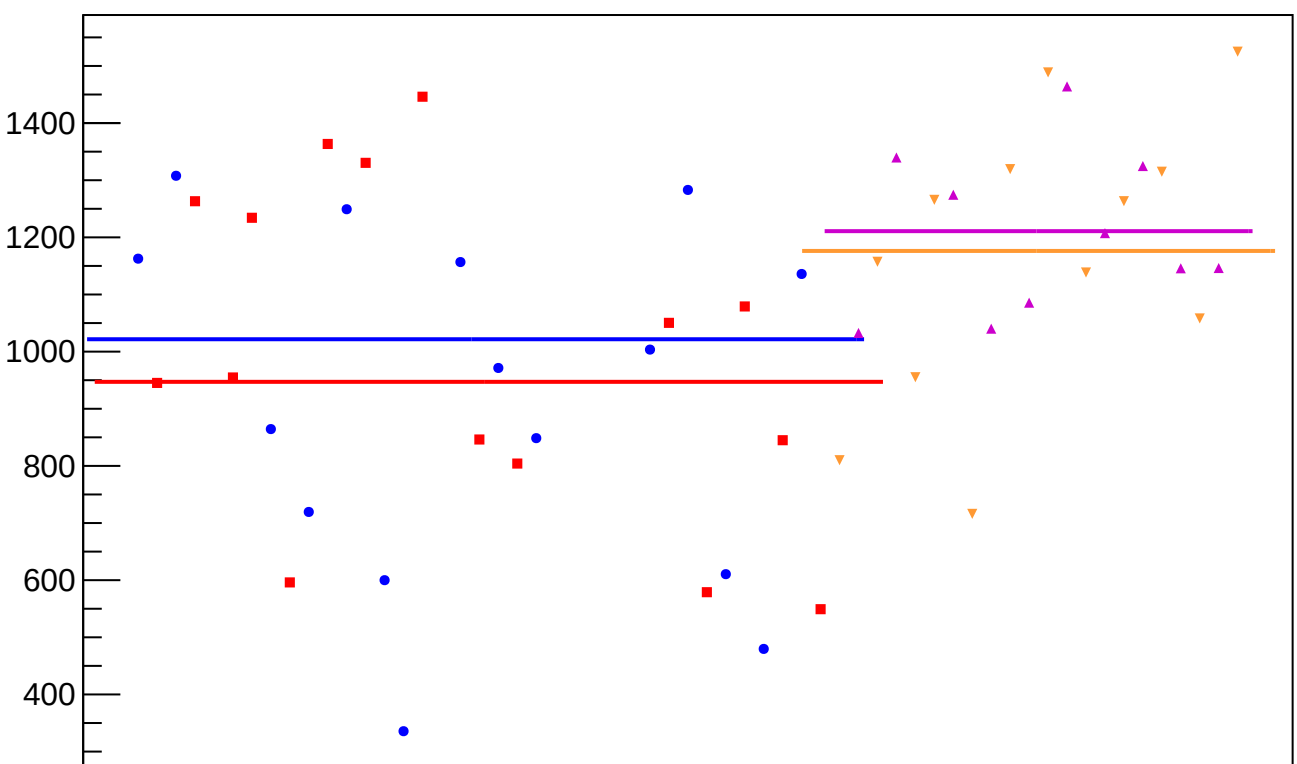
All: 1441.521+/-0.000 χ^2/NDF: 2665836719 8

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1439.206+/-0.000 χ^2/NDF: 11396221582457

Left In: 1158.136+/-0.000 χ^2/NDF:3180104149339530279865699434032529408 0.0/9

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

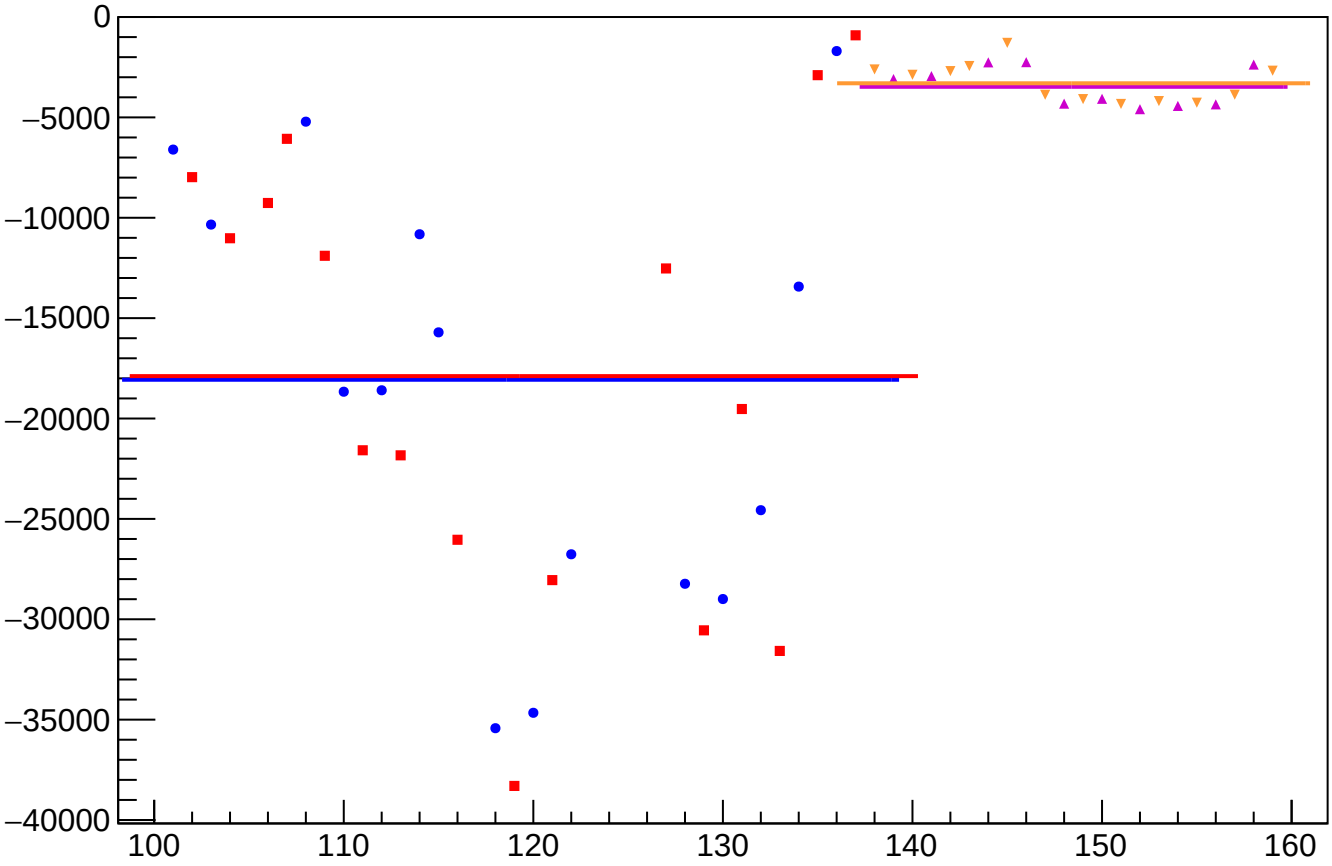
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

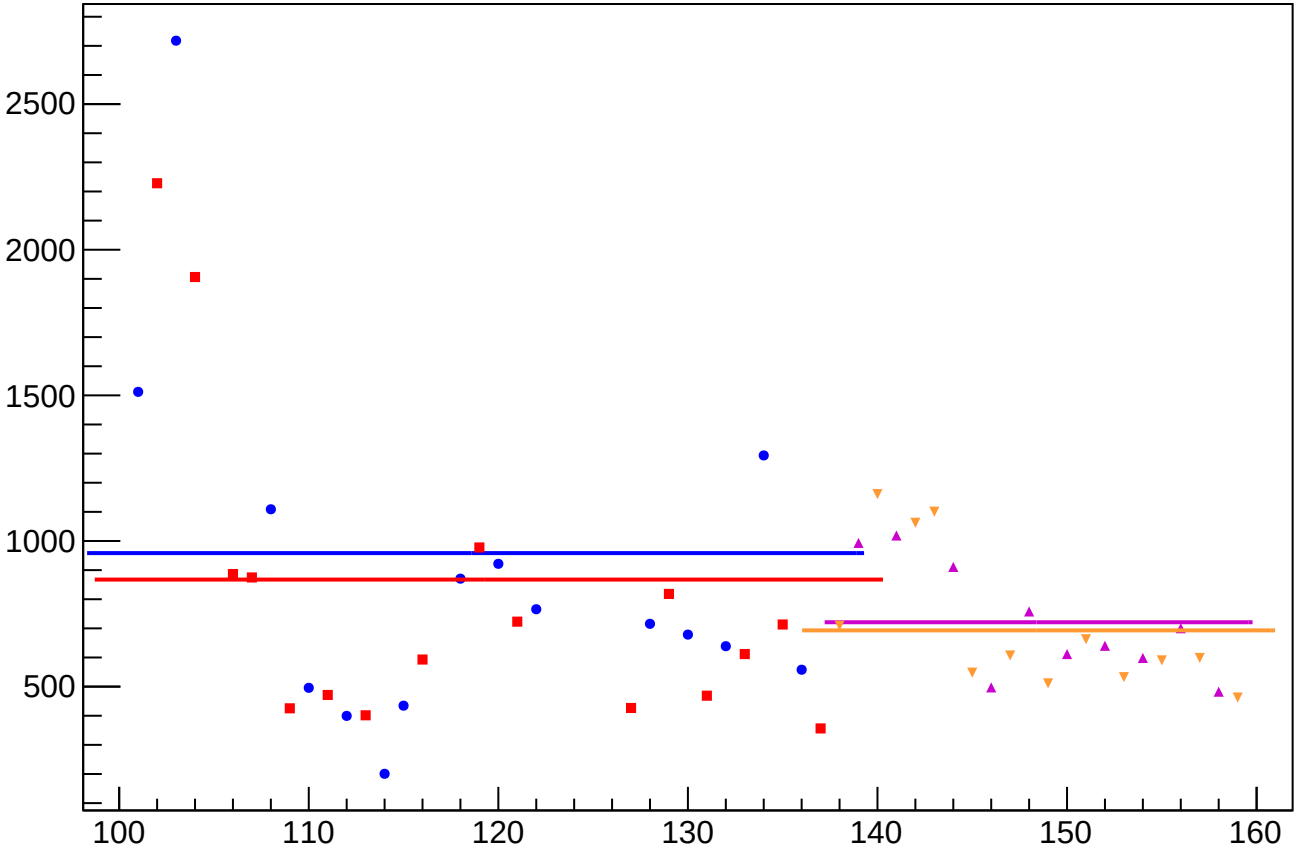
- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -9421.237+/-0.000 χ^2/NDF: 1679928582354
Left Out: -3301.165+/-0.000 χ^2/NDF:804572006868088518224503479729974673408.0/11
All: -9613.858+/-0.000 χ^2/NDF: 3248806305
Right Out: -17888.149+/-0.000 χ^2/NDF: 784059156129142528698752310687953930158 08.0/15
- sign -9812.700+/-0.000 χ^2/NDF: 1567696897841 7
Left In: -3475.849+/-0.000 χ^2/NDF:7344550587154538222917737132651383357 44.0/9

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Left Out: 693.081+/-0.000 χ^2/NDF:4851473446850370812653864126724125491 2.0/11

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

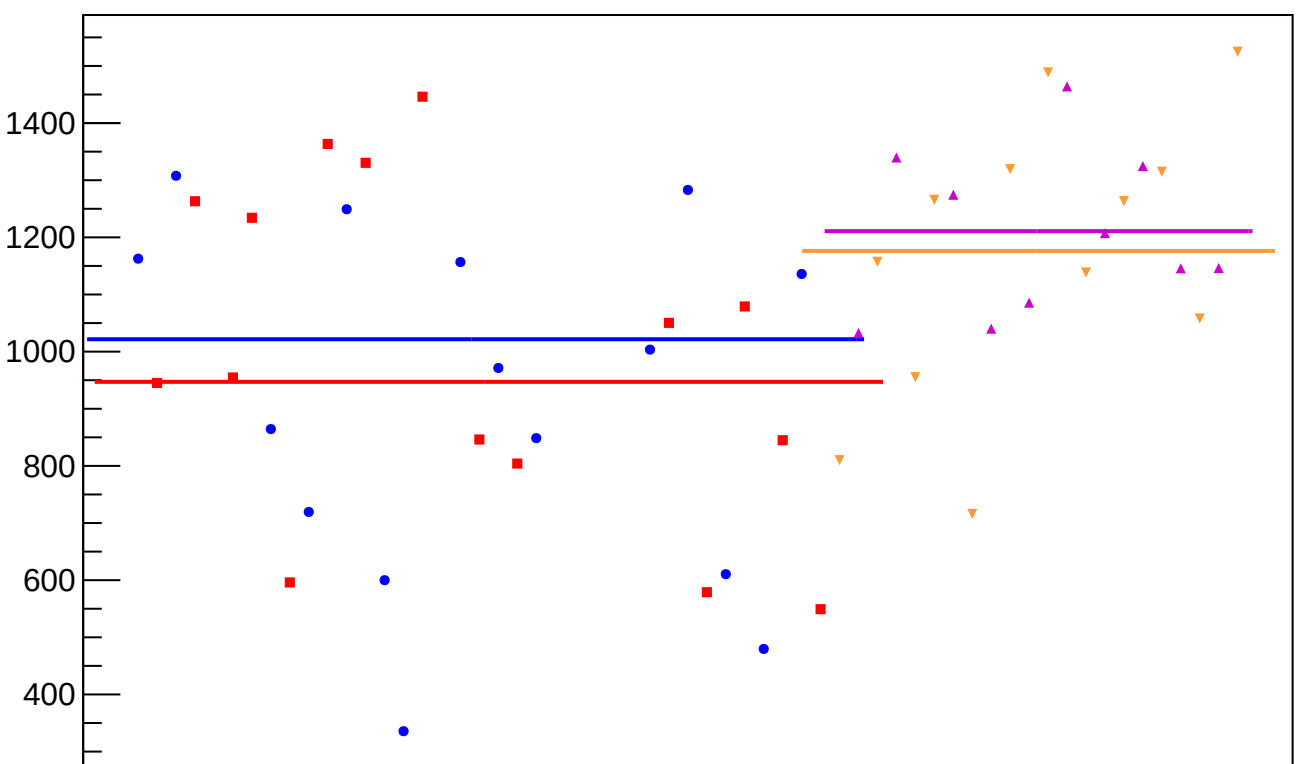
Left In: 721.017+/-0.000 χ^2/NDF:2865943610717026769968096205629659545 6.0/9

+ sign 803.042+/-0.000 χ^2/NDF: 340002051465398

All: 794.381+/-0.000 χ^2/NDF: 5930534091 47

- sign 785.440+/-0.000 χ^2/NDF: 252812606789671

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

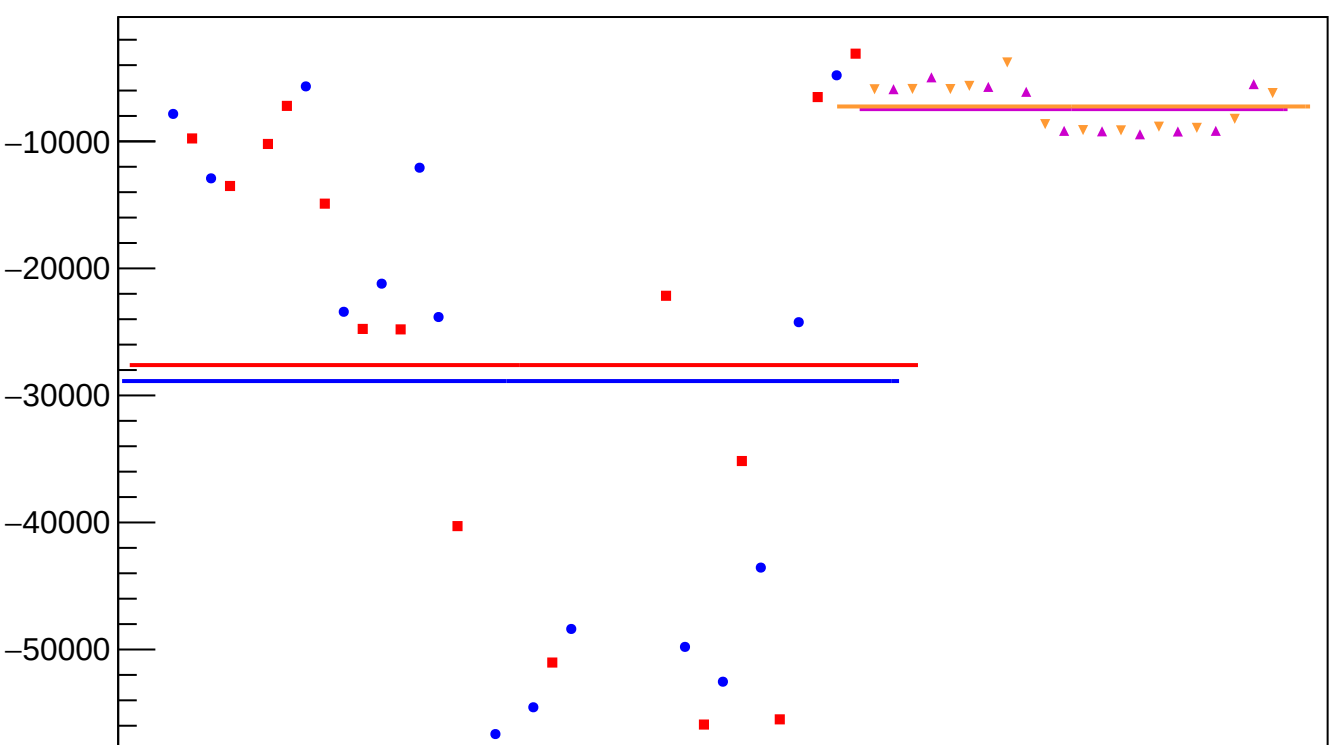
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 2614507010957273629613676579265841243095 04.0/14

+ sign -16211.830+/-0.000 χ^2/NDF: 441850759776

Left Out: -7254.077+/-0.000 χ^2/NDF:2852558880492321663467062466027223777280.0/11

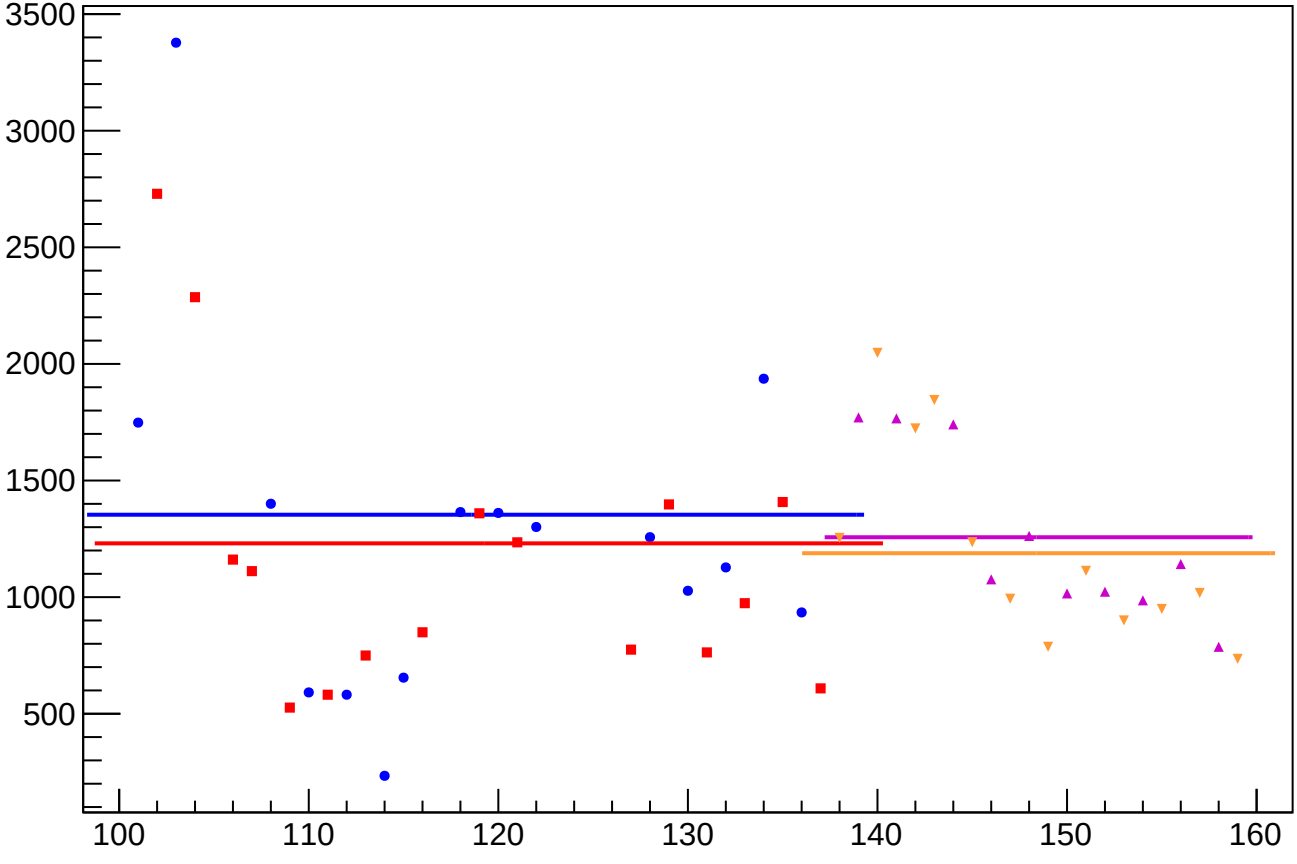
All: -16265.580+/-0.000 χ^2/NDF: 844532480

Right Out: -27610.848+/-0.000 χ^2/NDF: 2480979834775235049357515713844001185 46432.0/15

- sign -16321.067+/-0.000 χ^2/NDF: 4026725253755

Left In: -7461.910+/-0.000 χ^2/NDF:2847324209228022758547868591918443134976.0/9

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1256.772+/-0.000 χ^2/NDF: 5136278992662 6

Left Out: 1188.374+/-0.000 χ^2/NDF:1503886366143269167509182202875090042 88.0/11

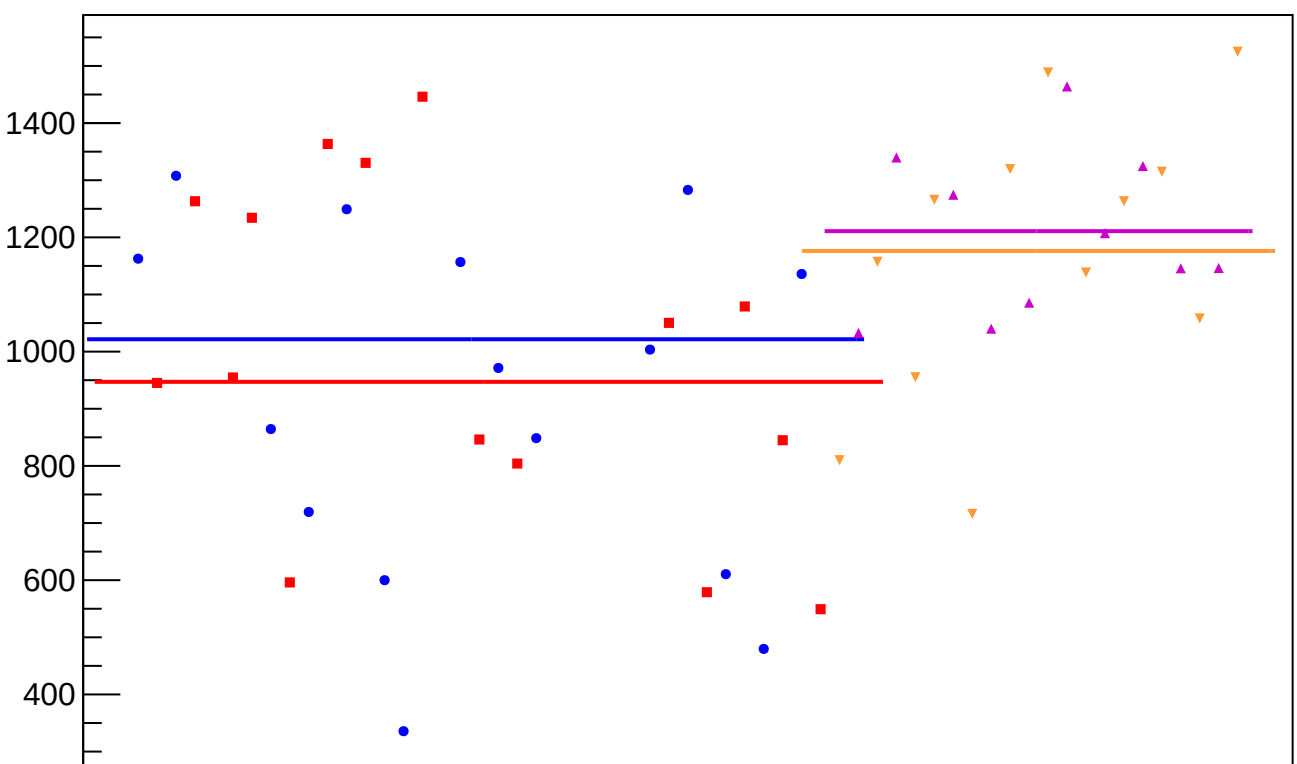
All: 1251.139+/-0.000 χ^2/NDF: 8934467273 3

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1245.324+/-0.000 χ^2/NDF: 3797178519612 0

Left In: 1256.852+/-0.000 χ^2/NDF:1024714673882011523435485626494416322 56.0/9

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

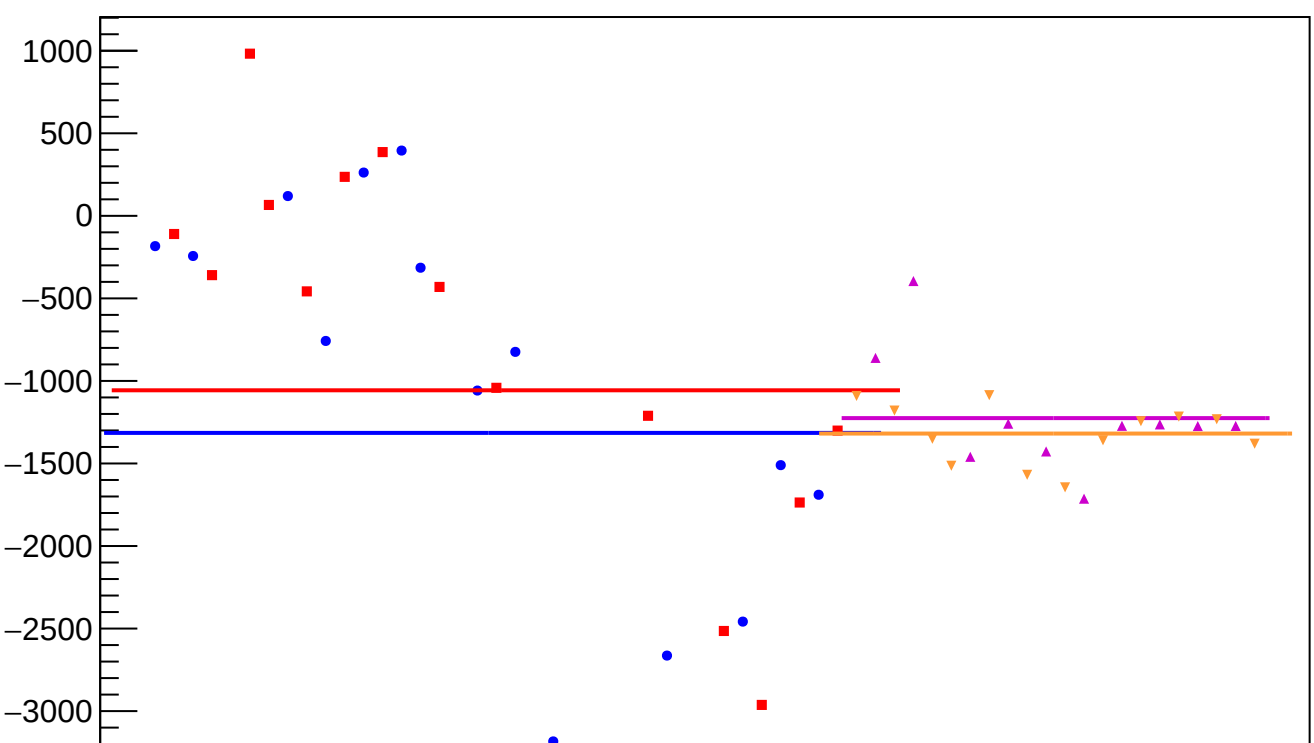
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14

+ sign -1317.143+/-0.000 χ^2/NDF: 9948274030867

Left Out: -1318.814+/-0.000 χ^2/NDF:287388567755543409547451447844410490 88.0/11

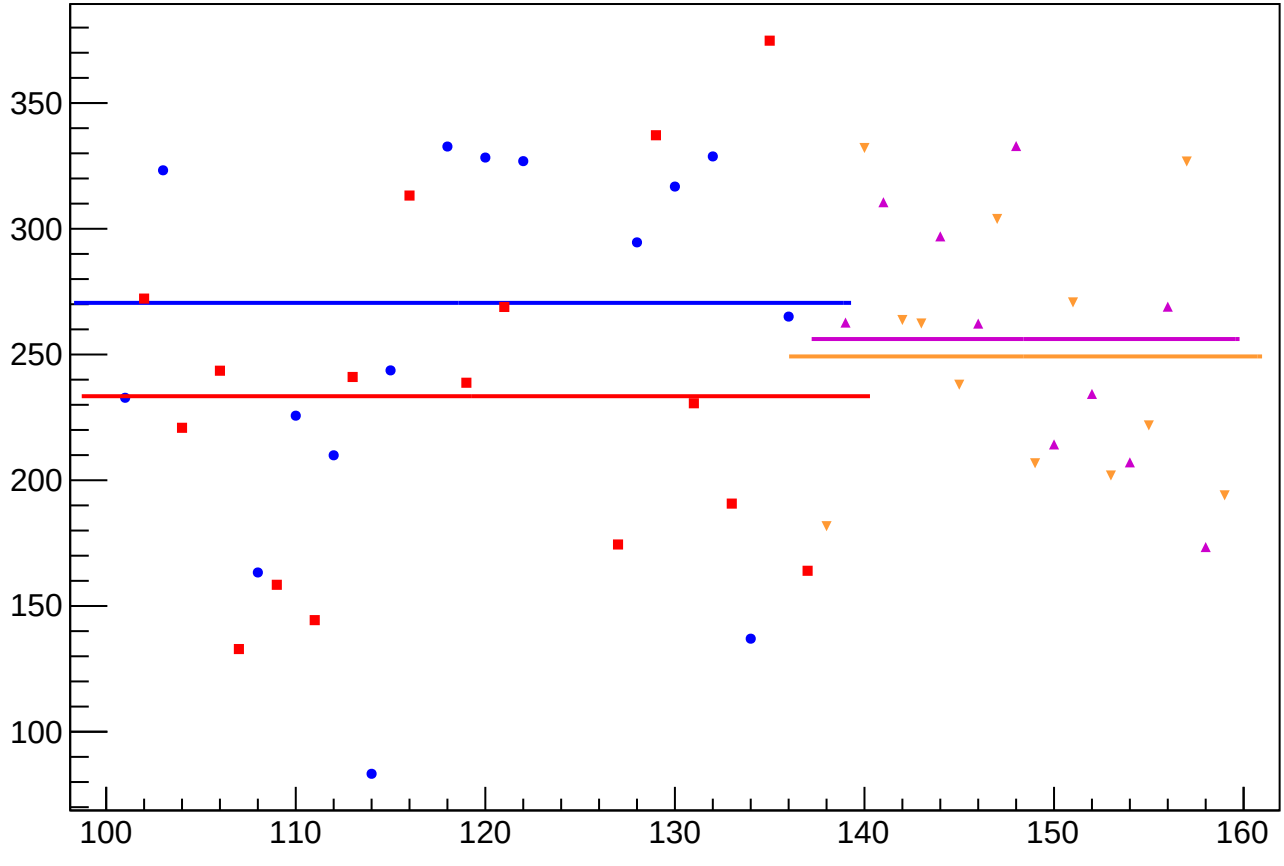
All: -1235.474+/-0.000 χ^2/NDF: 2253951075

Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15

- sign -1151.167+/-0.000 χ^2/NDF: 1237896555078 8

Left In: -1225.245+/-0.000 χ^2/NDF:1001464113621859358844047555864517 67296.0/9

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 249.237+/-0.000 χ^2/NDF:2339906474360292493064044354333573120.0/11

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

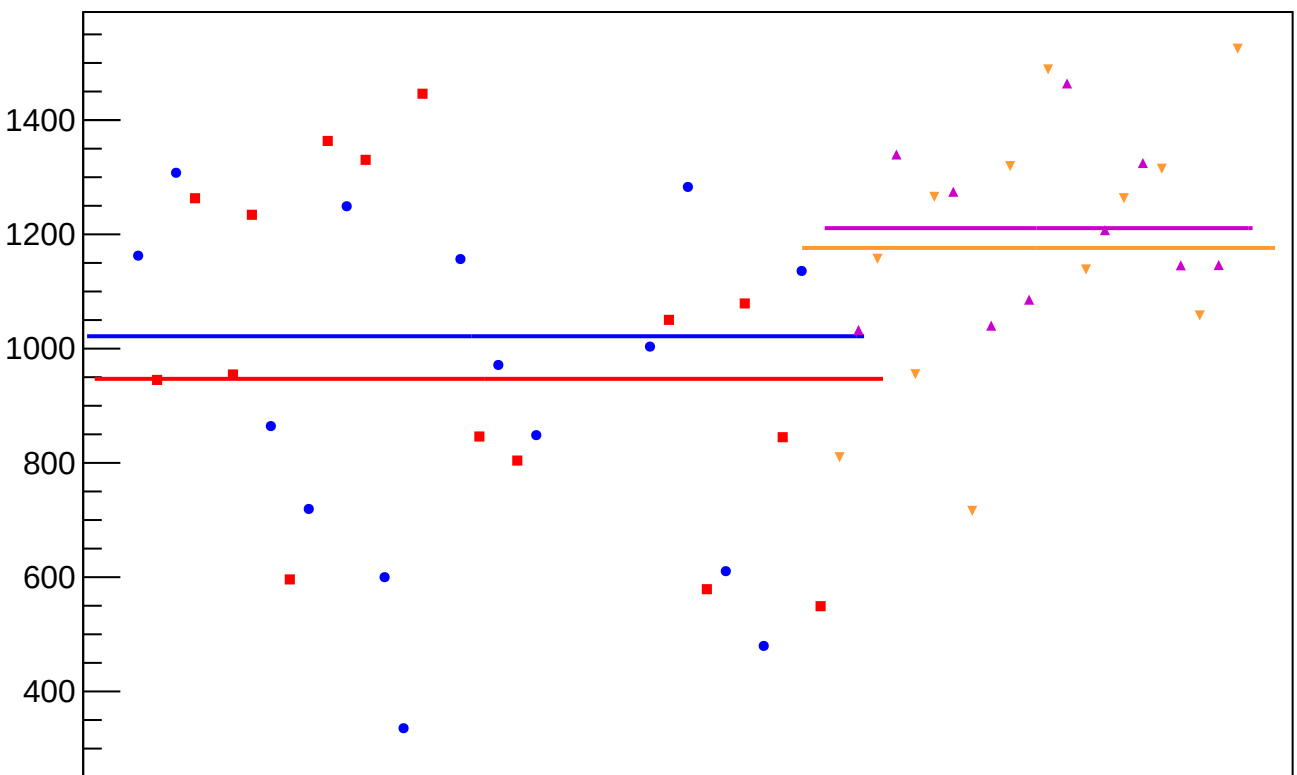
Left In: 256.156+/-0.000 χ^2/NDF:1884029289597737409901063282500829184.0/9

+ sign 258.065+/-0.000 χ^2/NDF: 498617836977836

All: 252.207+/-0.000 χ^2/NDF: 10221123389

- sign 246.160+/-0.000 χ^2/NDF: 512572733048630

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

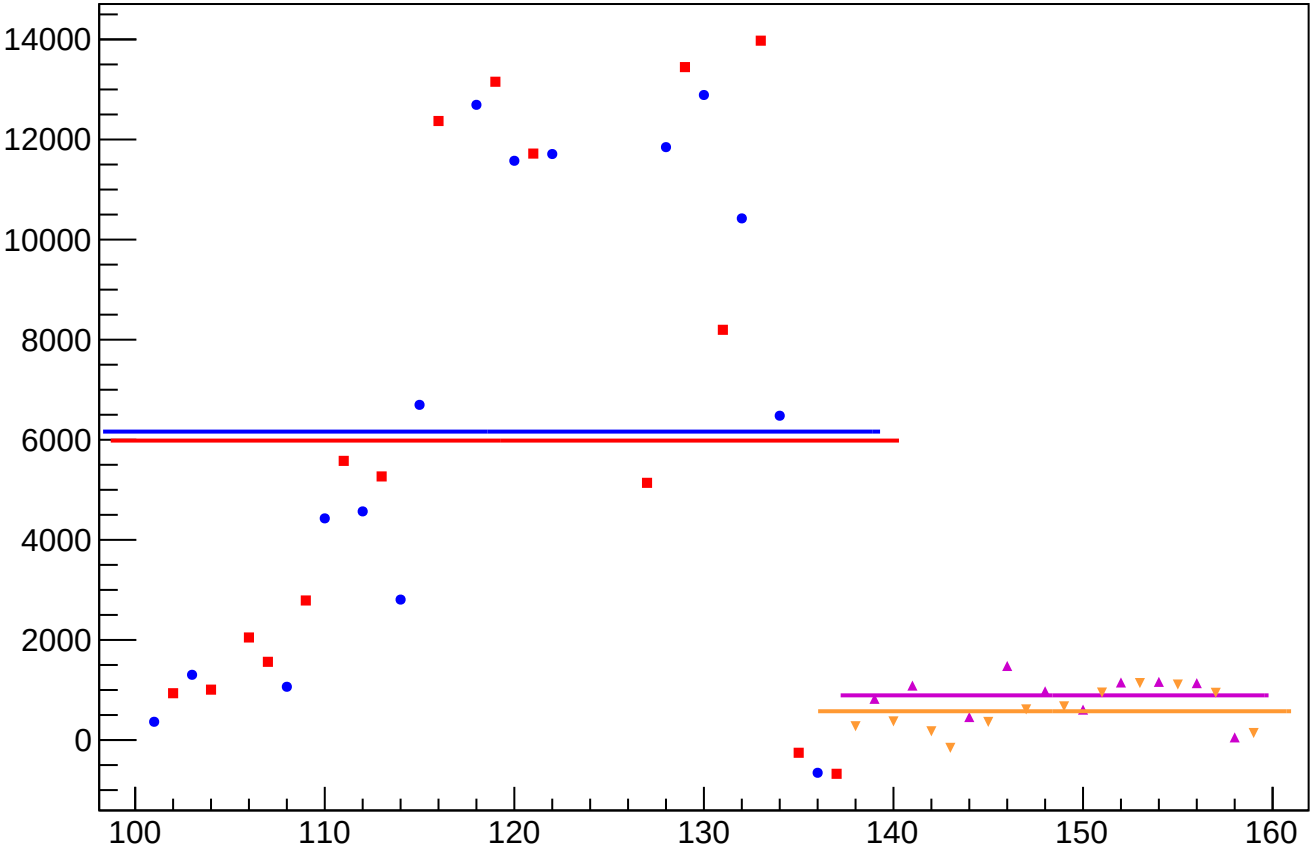
Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

Left Out: 575.396+/-0.000 χ^2/NDF:1445529132280667816251884433555649986 56.0/11

Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174 0800.0/15

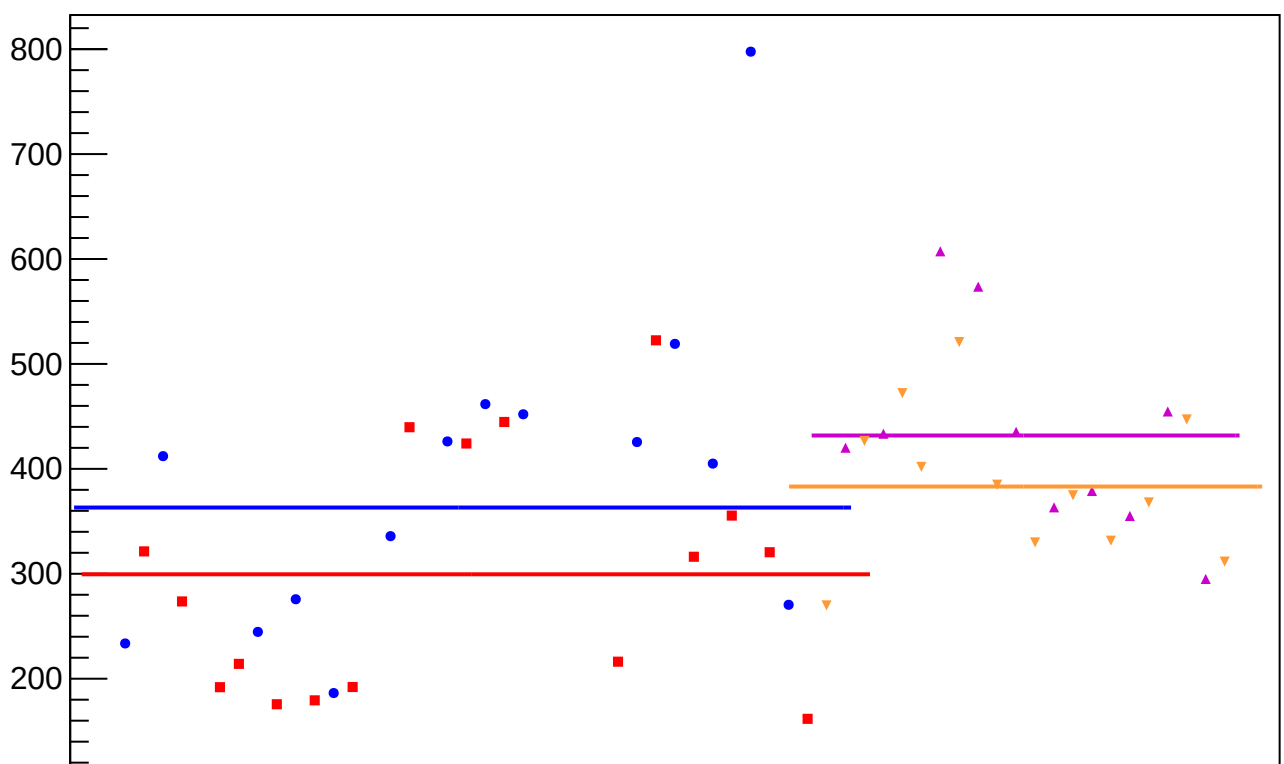
Left In: 892.959+/-0.000 χ^2/NDF:1310477552497896866411218153729498808 32.0/9

+ sign 2891.260+/-0.000 χ^2/NDF: 3021222333802 8

All: 3009.398+/-0.000 χ^2/NDF: 5757904073 5

- sign 3131.352+/-0.000 χ^2/NDF: 2732239955093 6

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 383.139+/-0.000 χ^2/NDF:4300109581526268747828208718091124736.0/11

Right Out: 299.514+/-0.000 χ^2/NDF: 768549731874422521835465282898467225 6.0/15

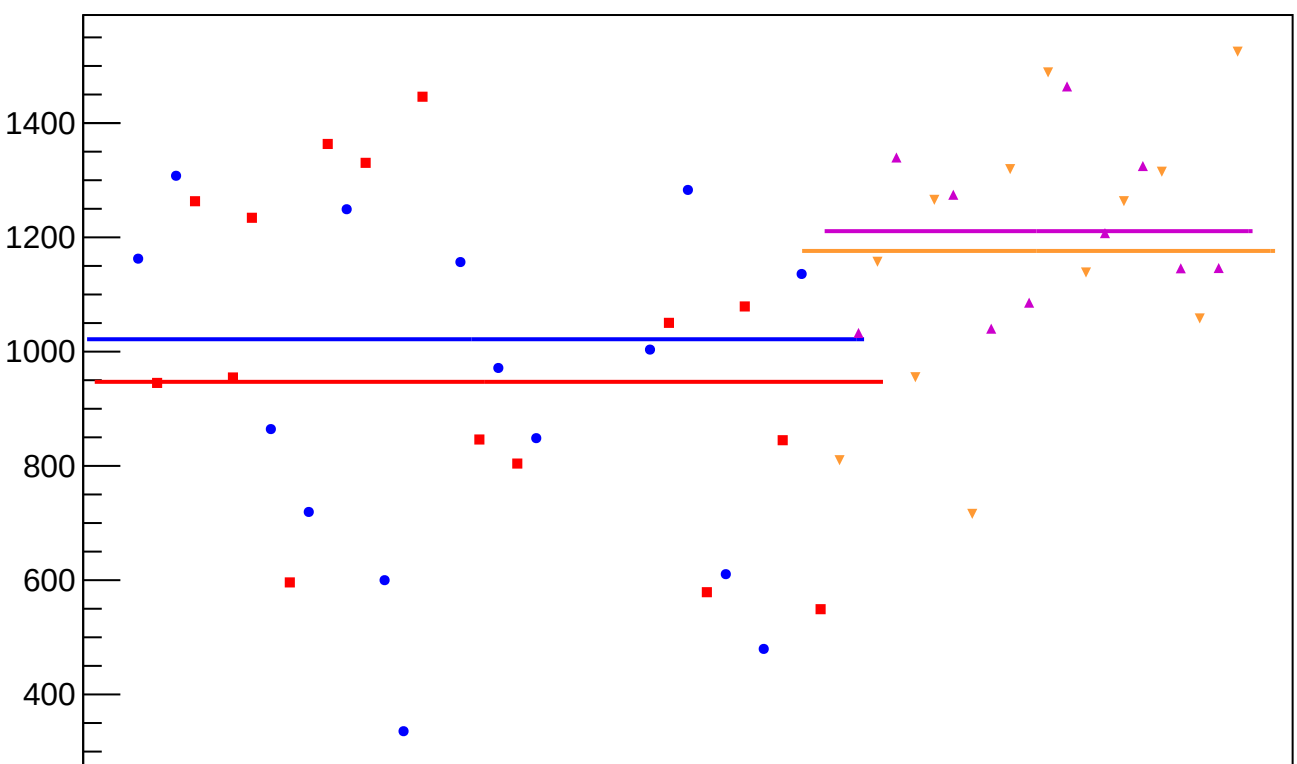
Left In: 431.792+/-0.000 χ^2/NDF:7174063216478027142847440351737675776.0/9

+ sign 374.848+/-0.000 χ^2/NDF: 15955006654542 5

All: 374.250+/-0.000 χ^2/NDF: 37355012541 9

- sign 373.632+/-0.000 χ^2/NDF: 213988656237662

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

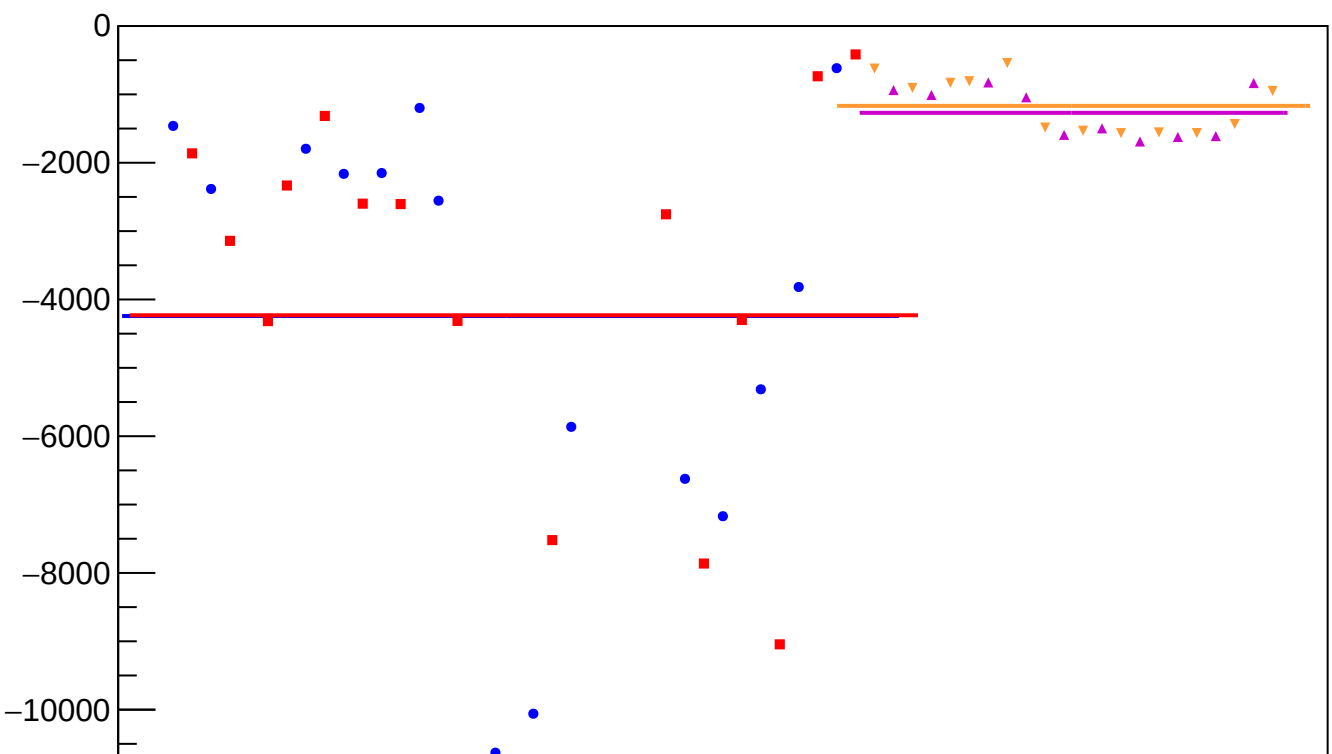
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

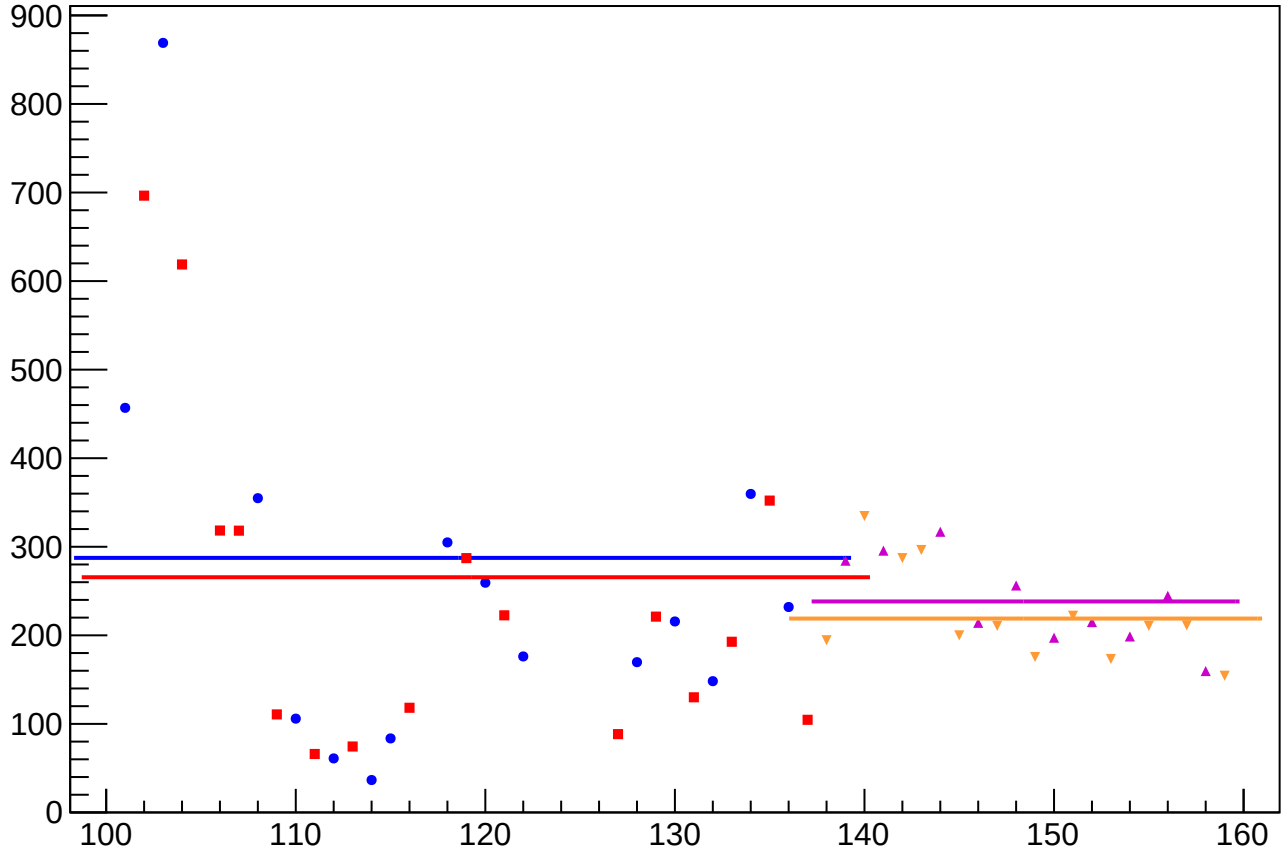
- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2442.006+/-0.000 χ^2/NDF: 1051571012116
Left Out: -1167.950+/-0.000 χ^2/NDF:140593267041981181070281289588583432192.0/11
All: -2505.879+/-0.000 χ^2/NDF: 2058914655
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2571.815+/-0.000 χ^2/NDF: 10060452391842
Left In: -1269.859+/-0.000 χ^2/NDF:101084733468651332171015254008762728448.0/9

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

+ sign 247.344+/-0.000 χ^2/NDF: 337758050005505

Left Out: 218.953+/-0.000 χ^2/NDF:247521399716341995048119947356641689 6.0/11

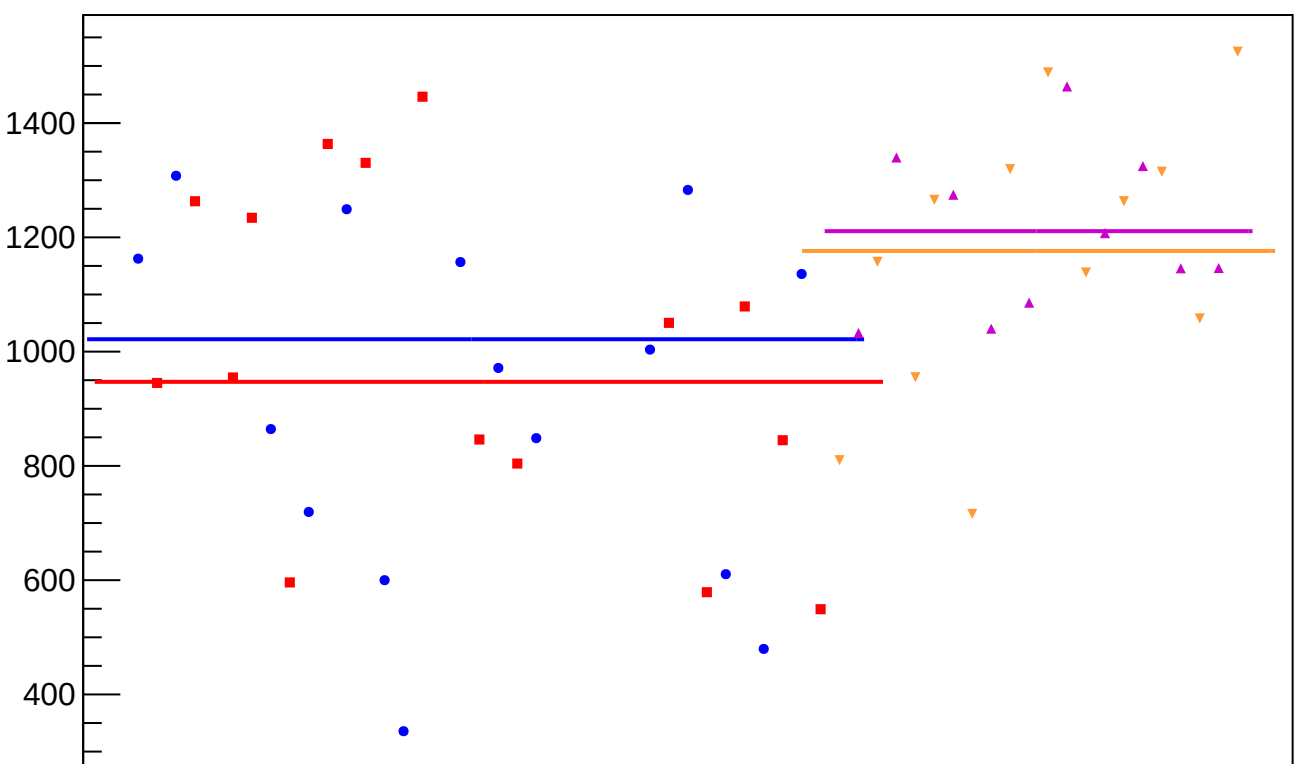
All: 248.786+/-0.000 χ^2/NDF: 61825946966

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

- sign 250.275+/-0.000 χ^2/NDF: 280435263103515

Left In: 238.254+/-0.000 χ^2/NDF:192093964256072337593147461993706291 2.0/9

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

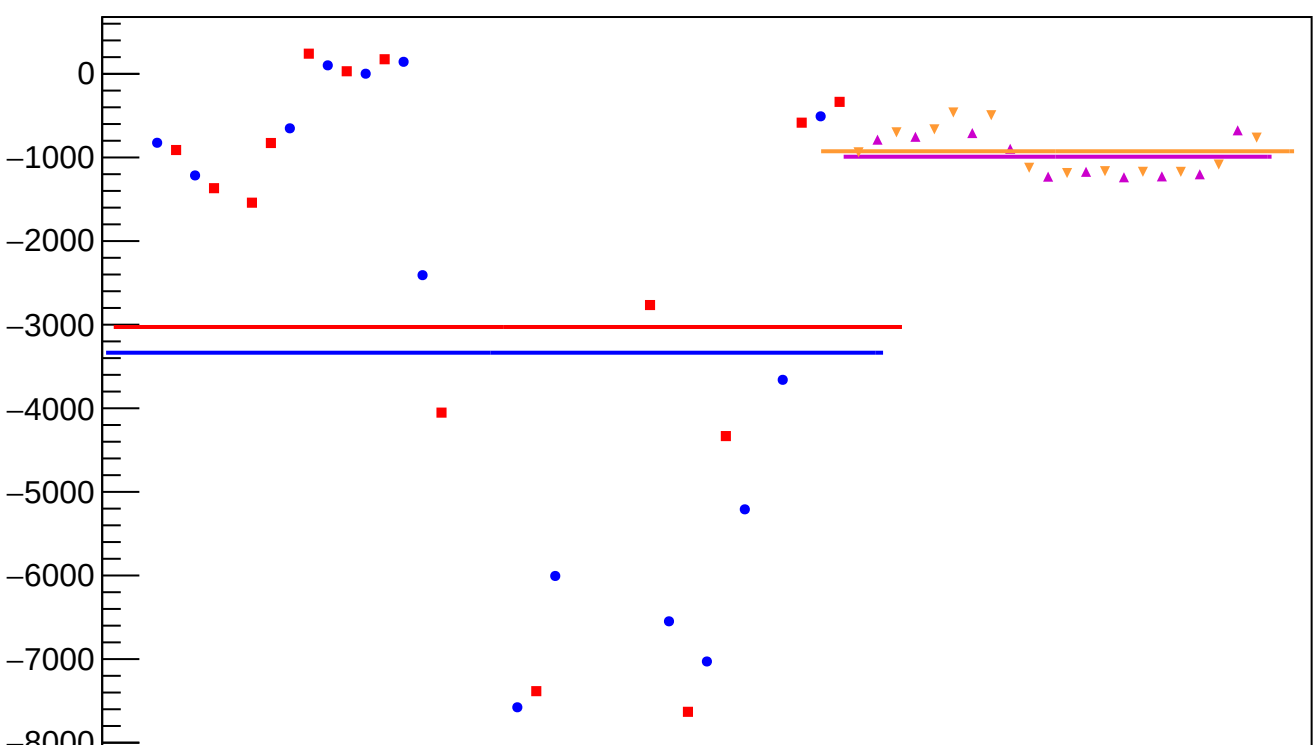
Left In: 1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

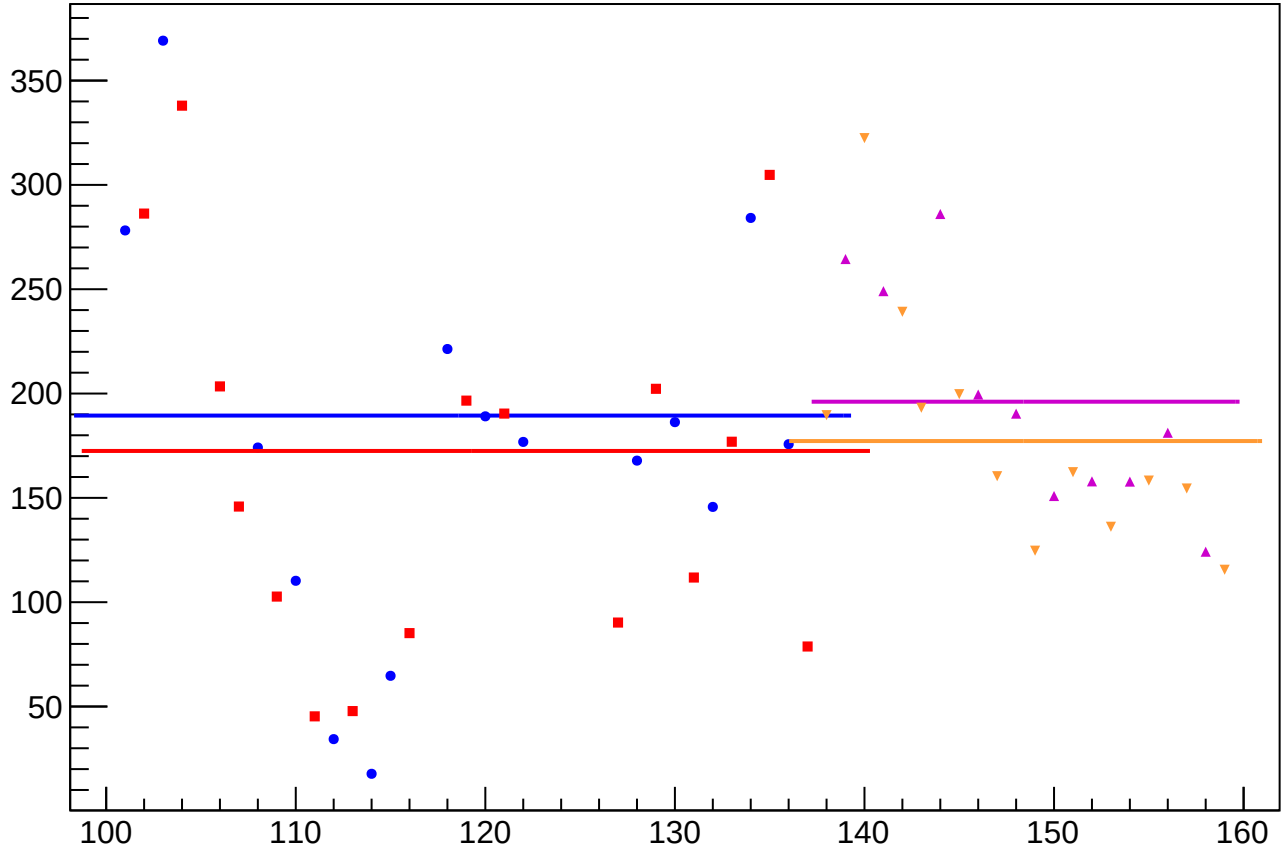
- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -1924.376+/-0.000 χ^2/NDF: 8608420469622
Left Out: -925.824+/-0.000 χ^2/NDF:640677990717716544415447758247590625 28.0/11
All: -1905.731+/-0.000 χ^2/NDF: 1729138028
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -1886.484+/-0.000 χ^2/NDF: 8681853454376 4
Left In: -991.040+/-0.000 χ^2/NDF:4561430434738225942714721145943228416 0.0/9

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Left Out: 177.229+/-0.000 χ^2/NDF:2763689981014700365307320120704499712.0/11

Right Out: 172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

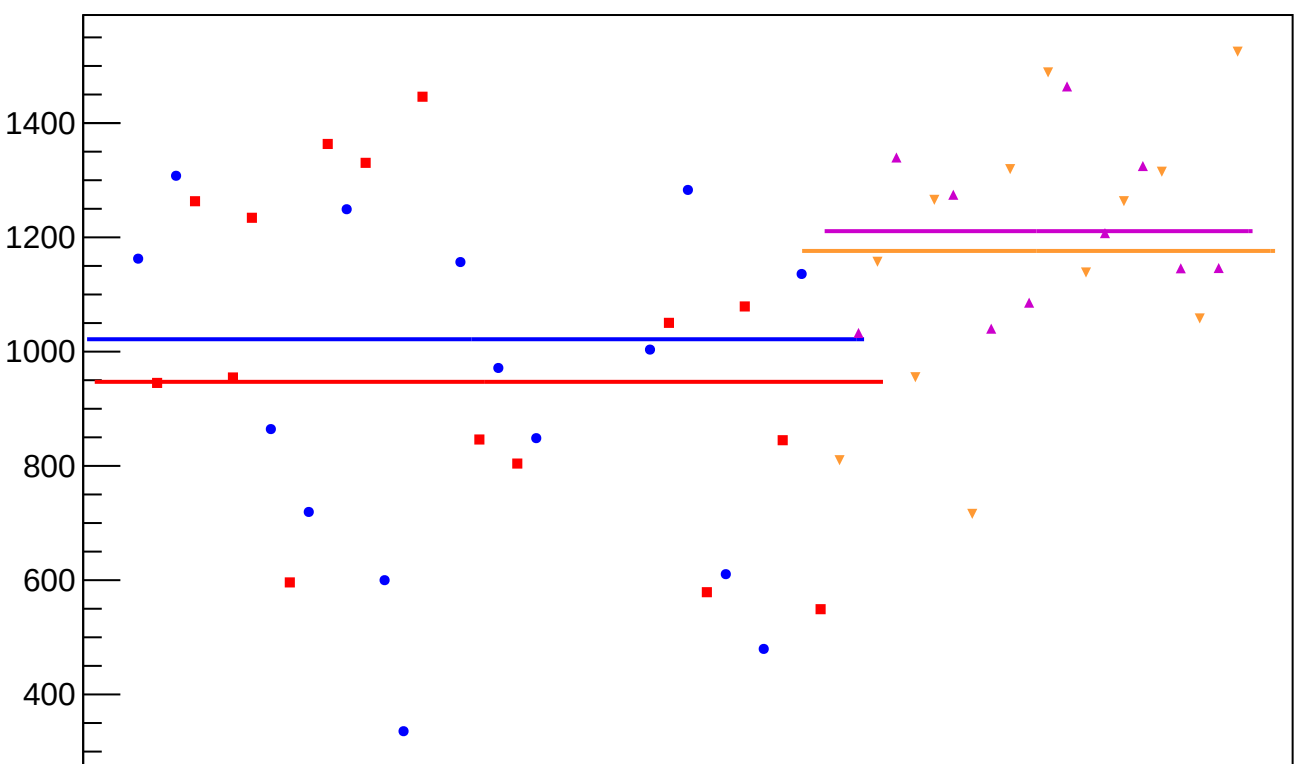
Left In: 196.090+/-0.000 χ^2/NDF:2220930284767266763162375565934067712.0/9

+ sign 182.290+/-0.000 χ^2/NDF: 752760486130990

All: 183.974+/-0.000 χ^2/NDF: 15560617193

- sign 185.711+/-0.000 χ^2/NDF: 802399430067177

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

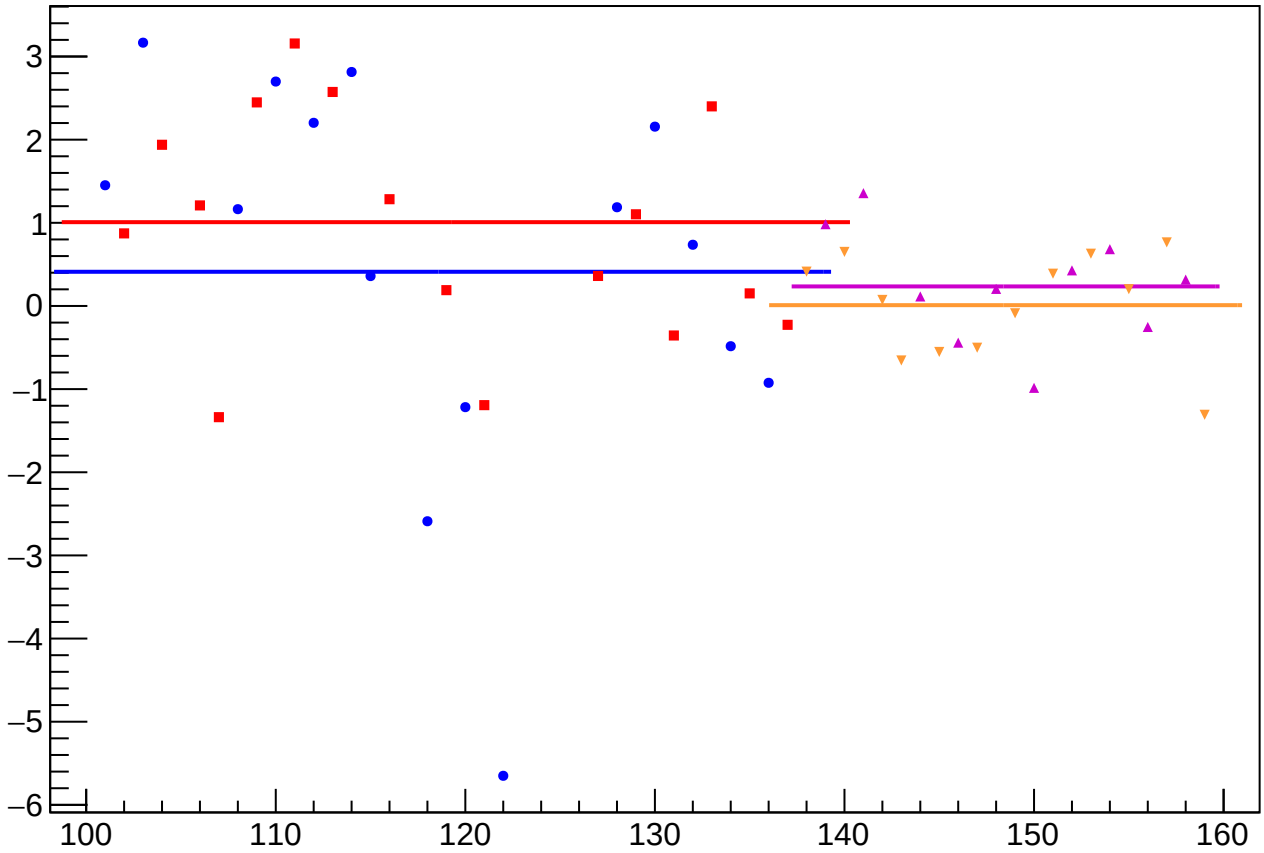
Left In: 1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1103.687+/-0.000 χ^2/NDF: 2126826294 9

- sign 1094.910+/-0.000 χ^2/NDF: 10952565721383

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 3385573506255563170053089820409856.0/14

+ sign 0.176+/-0.000 χ^2/NDF: 38004936513775919

Left Out: 0.010+/-0.000 χ^2/NDF:3536207864063690076637343755796 48.0/11

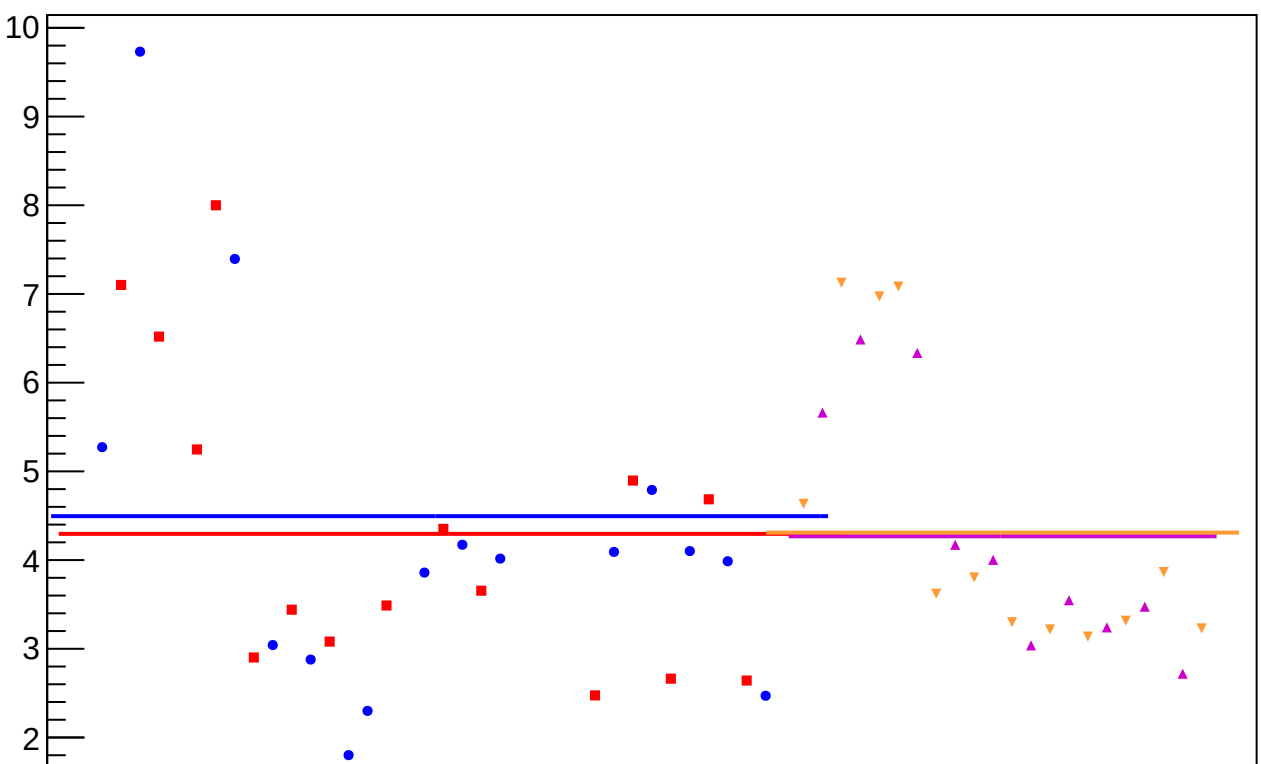
All: 0.372+/-0.000 χ^2/NDF: 5642346339505 2

Right Out: 1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15

- sign 0.575+/-0.000 χ^2/NDF: 17193048140682654

Left In: 0.235+/-0.000 χ^2/NDF:3676992855812600646532606113873 92.0/9

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Left Out: 4.310+/-0.000 χ^2/NDF:204059229831869080240582357208268 8.0/11

Right Out: 4.296+/-0.000 χ^2/NDF: 201192570706205189038100747544166 4.0/15

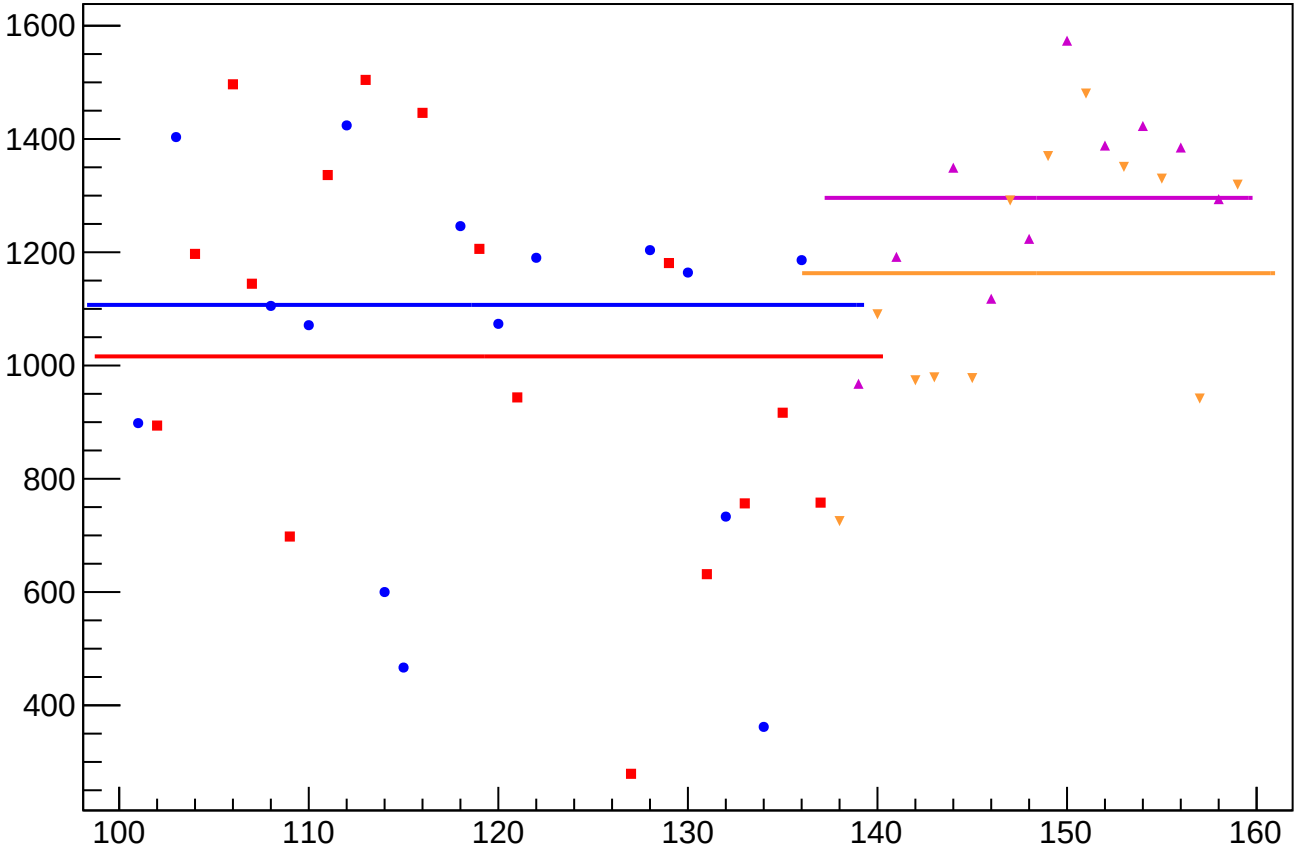
Left In: 4.269+/-0.000 χ^2/NDF:148458693981551609827434607044198 4.0/9

+ sign 4.387+/-0.000 χ^2/NDF: 4795912389021210 2

All: 4.334+/-0.000 χ^2/NDF: 8301369107149 1

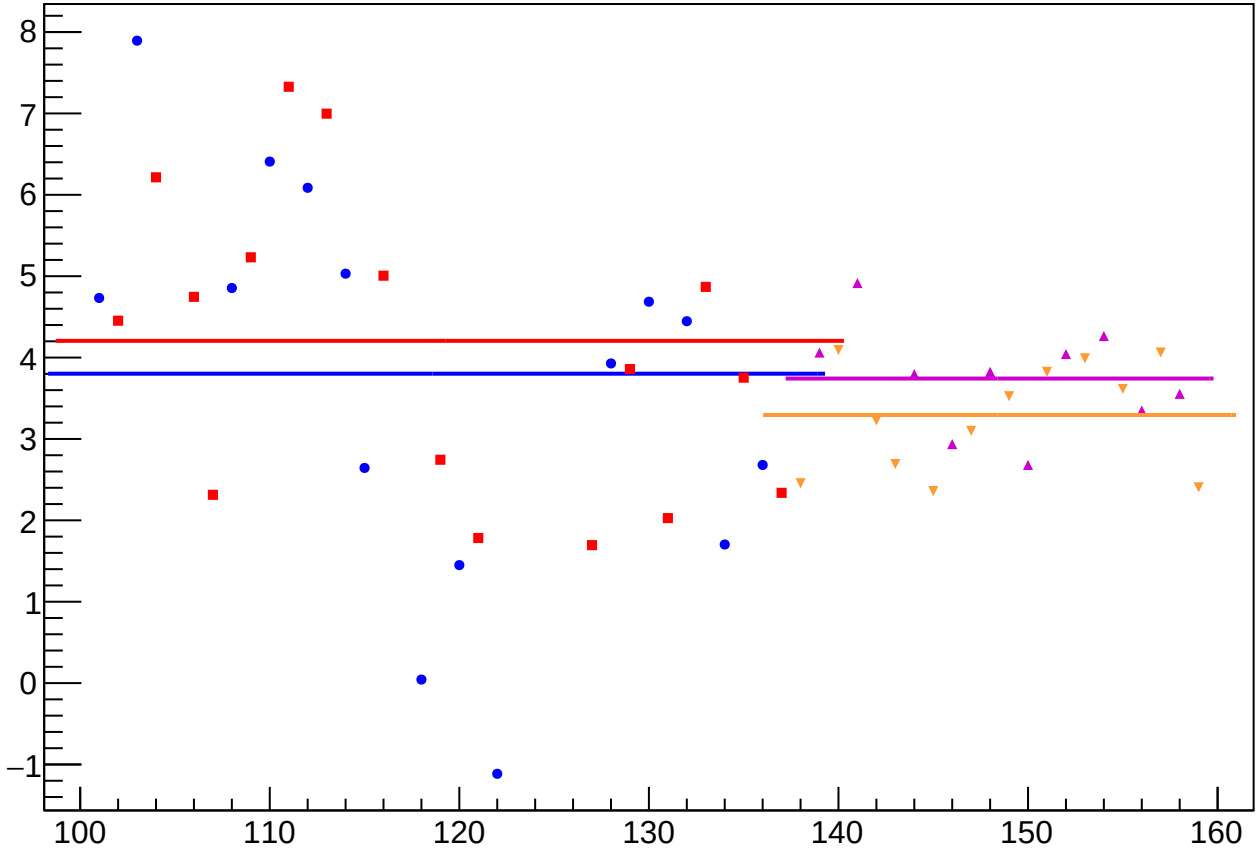
- sign 4.280+/-0.000 χ^2/NDF: 3496784861485055 2

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.505+/-0.000 χ^2/NDF: 4284126303732841 3

Left Out: 3.295+/-0.000 χ^2/NDF:39084723958967351758325038658355 2.0/11

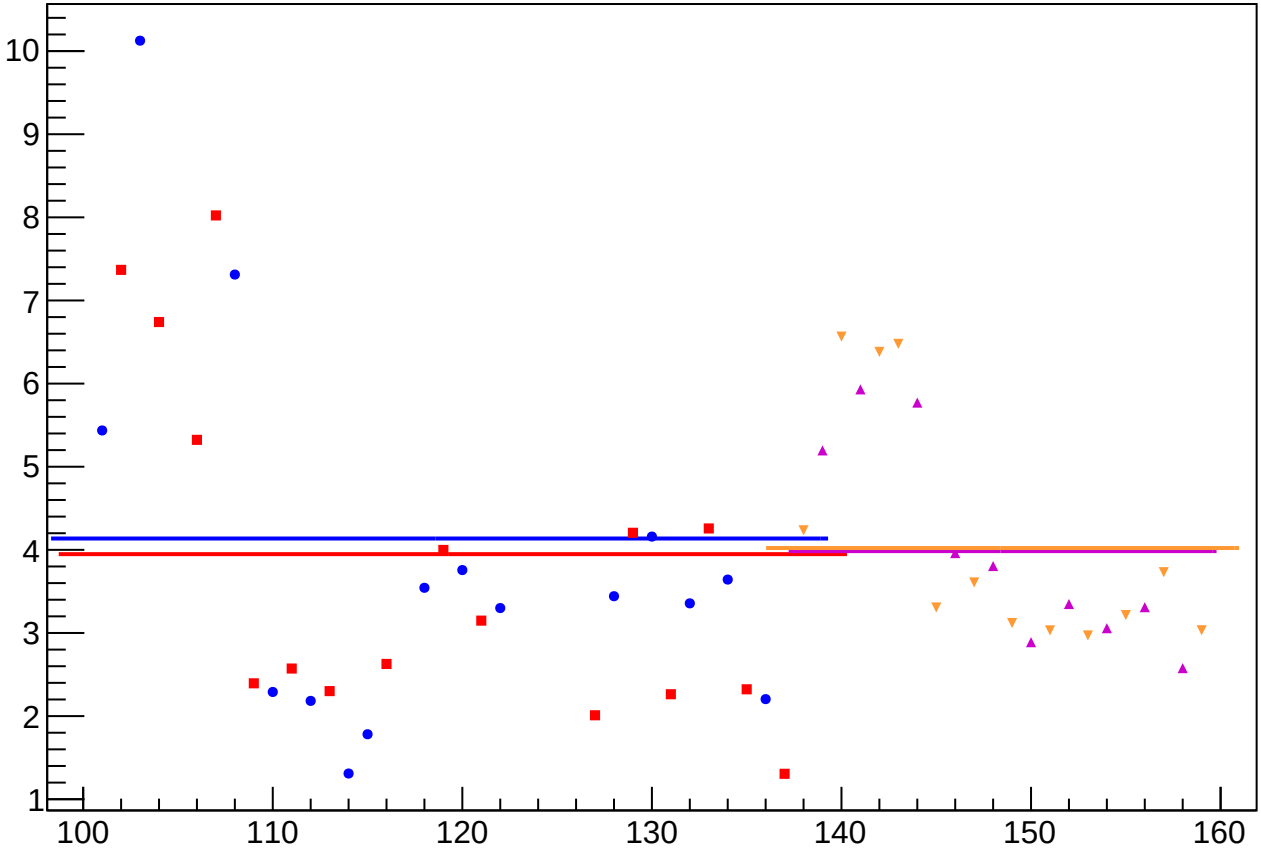
All: 3.722+/-0.000 χ^2/NDF: 6940697583118 4

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

- sign 3.946+/-0.000 χ^2/NDF: 2506545885759193 2

Left In: 3.742+/-0.000 χ^2/NDF:32992846956493867432127716812390 4.0/9

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

+ sign 4.069+/-0.000 χ^2/NDF: 5136497641264052

Left Out: 4.022+/-0.000 χ^2/NDF:1623918055405441678672358958694400.0/11

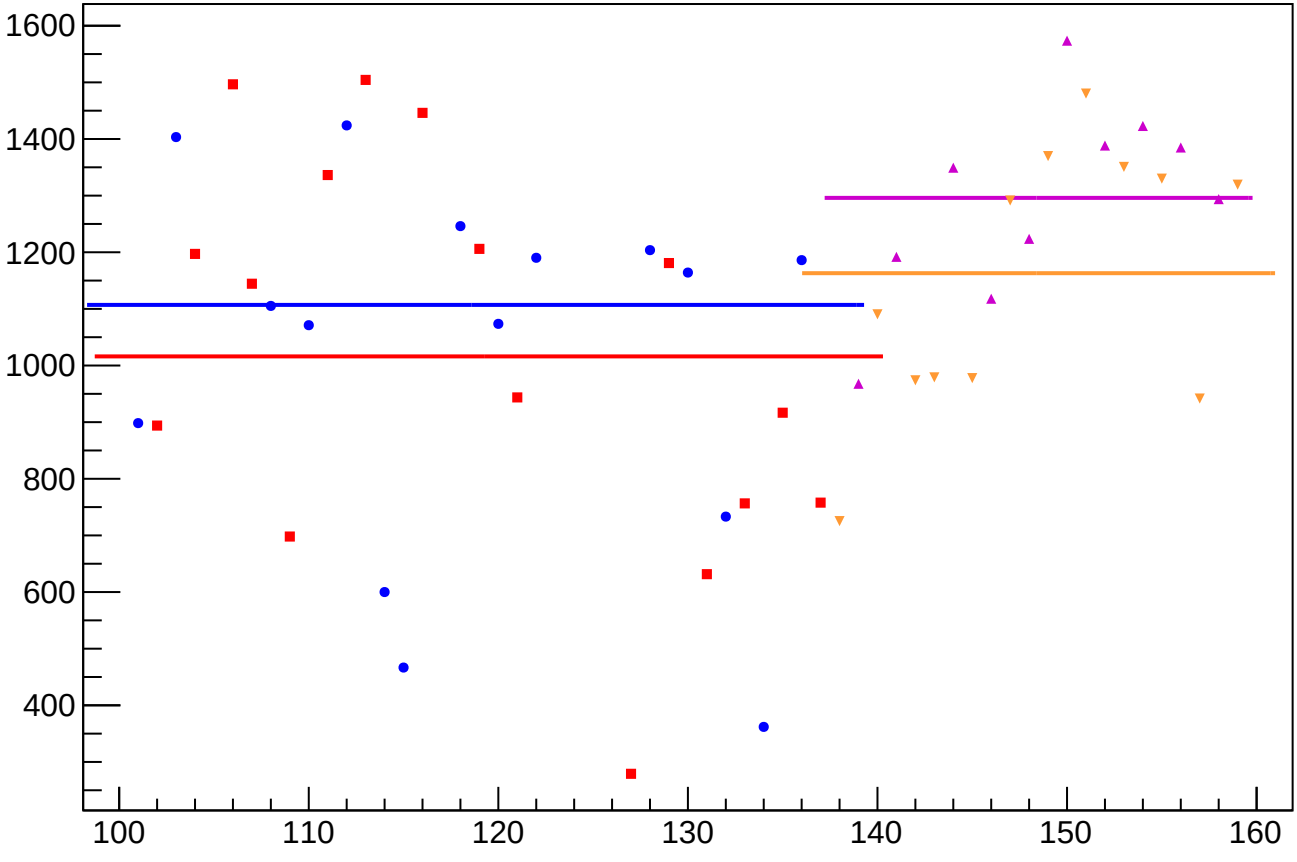
All: 4.020+/-0.000 χ^2/NDF: 8960505420635

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

- sign 3.969+/-0.000 χ^2/NDF: 38162055479843491

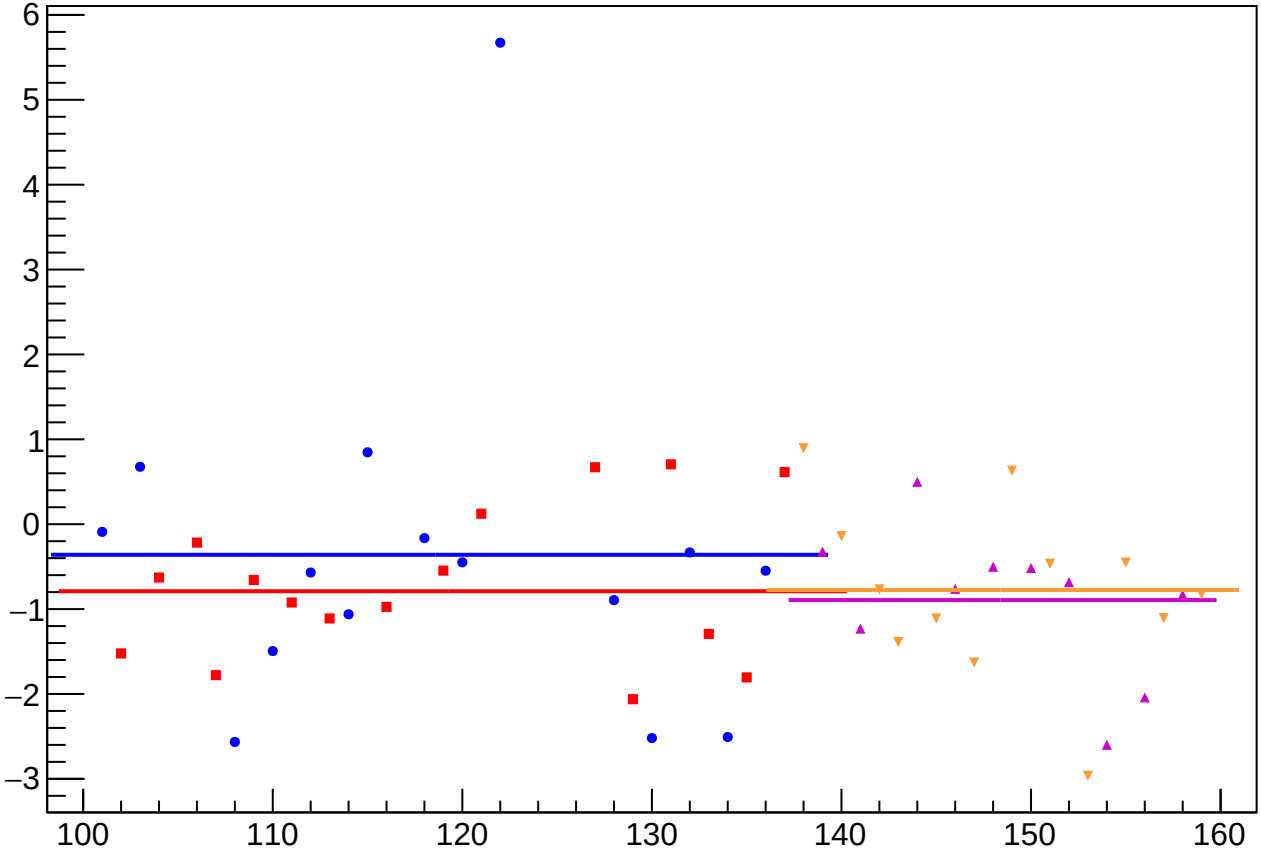
Left In: 3.985+/-0.000 χ^2/NDF:1145536065762958556872020890484736.0/9

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

+ sign -0.603+/-0.000 χ^2/NDF: 3185594709666533

Left Out: -0.776+/-0.000 χ^2/NDF:9397570822151910206140210489589 76.0/11

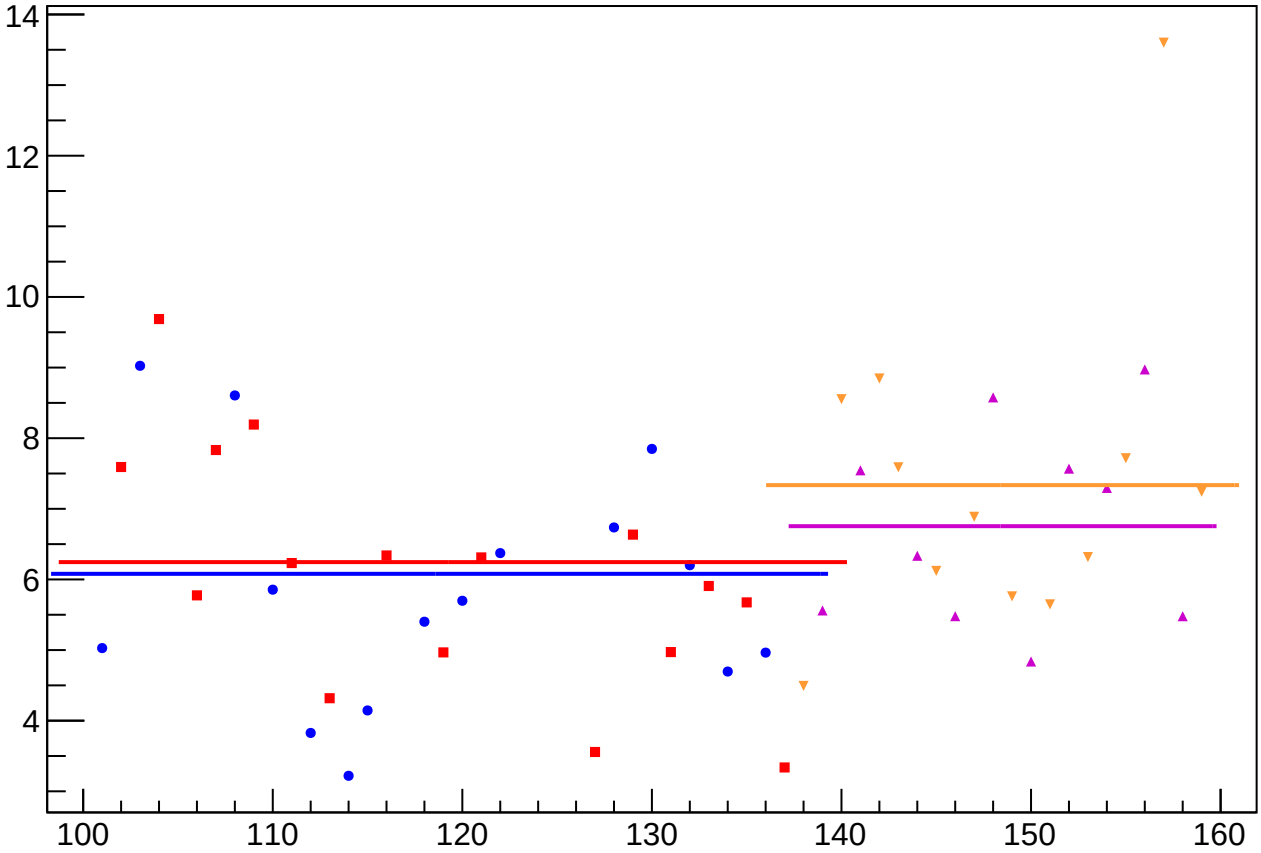
All: -0.724+/-0.000 χ^2/NDF: 4303121510270

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.848+/-0.000 χ^2/NDF: 1071466086516257 0

Left In: -0.894+/-0.000 χ^2/NDF:6043294366514561313104360657387 52.0/9

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.815+/-0.000 χ^2/NDF: 6815525908485664 5

Left Out: 7.336+/-0.000 χ^2/NDF:46256288332011399912673539910533 12.0/11

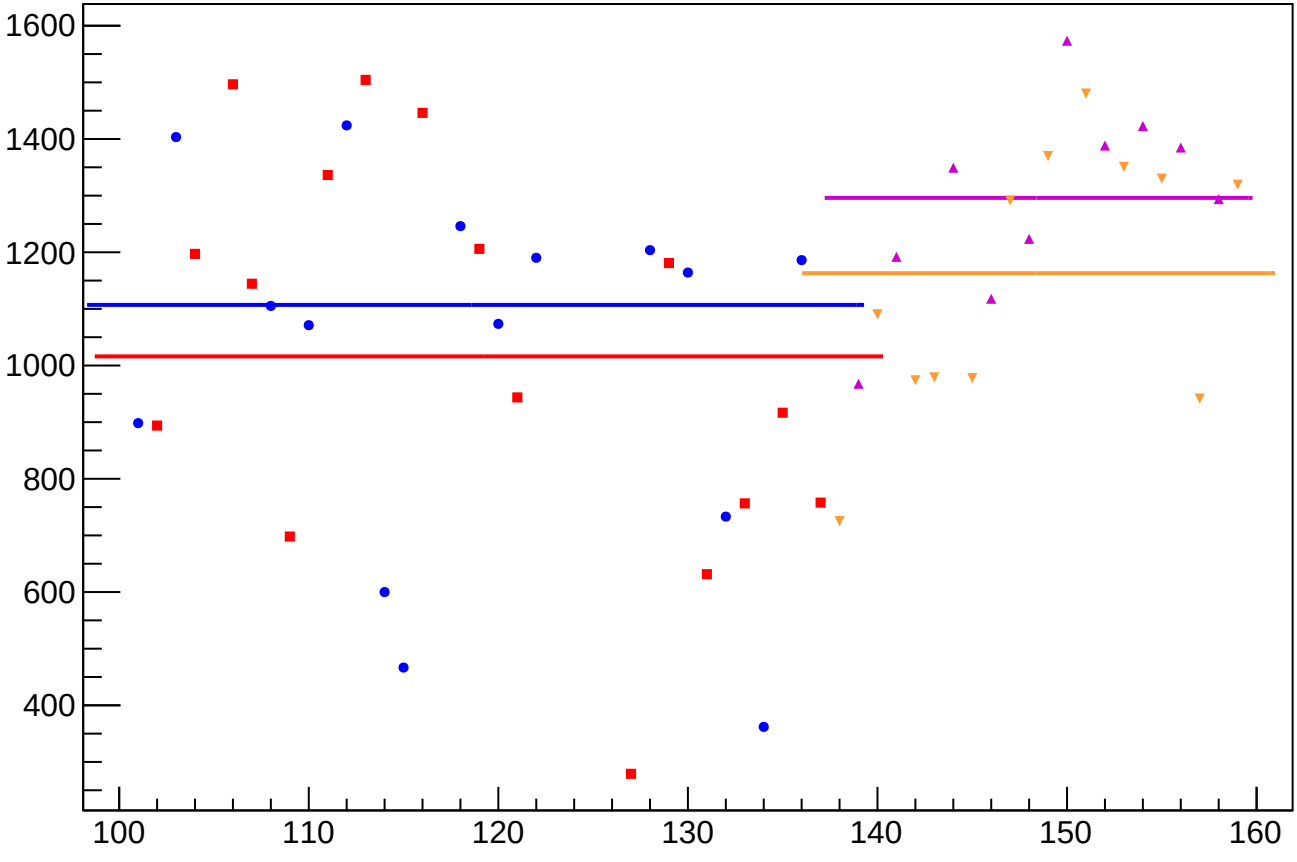
All: 6.675+/-0.000 χ^2/NDF: 1033322625587 7

Right Out: 6.245+/-0.000 χ^2/NDF: 18165291631050069385109769855959 04.0/15

- sign 6.530+/-0.000 χ^2/NDF: 3455310689460782 2

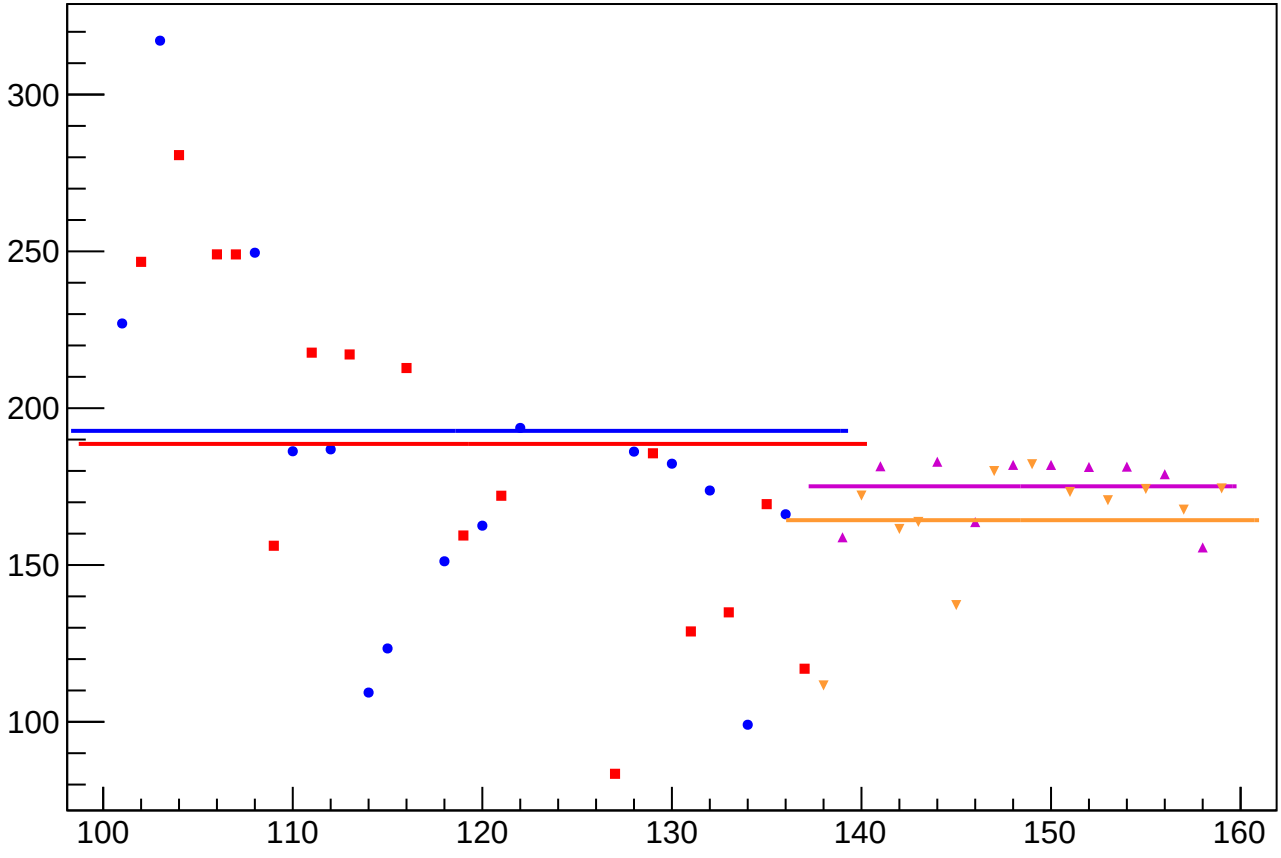
Left In: 6.754+/-0.000 χ^2/NDF:15420714872499152241909536967884 80.0/9

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Left Out: 164.293+/-0.000 χ^2/NDF:3538301209639400606057942125505413 12.0/11

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961 0624.0/15

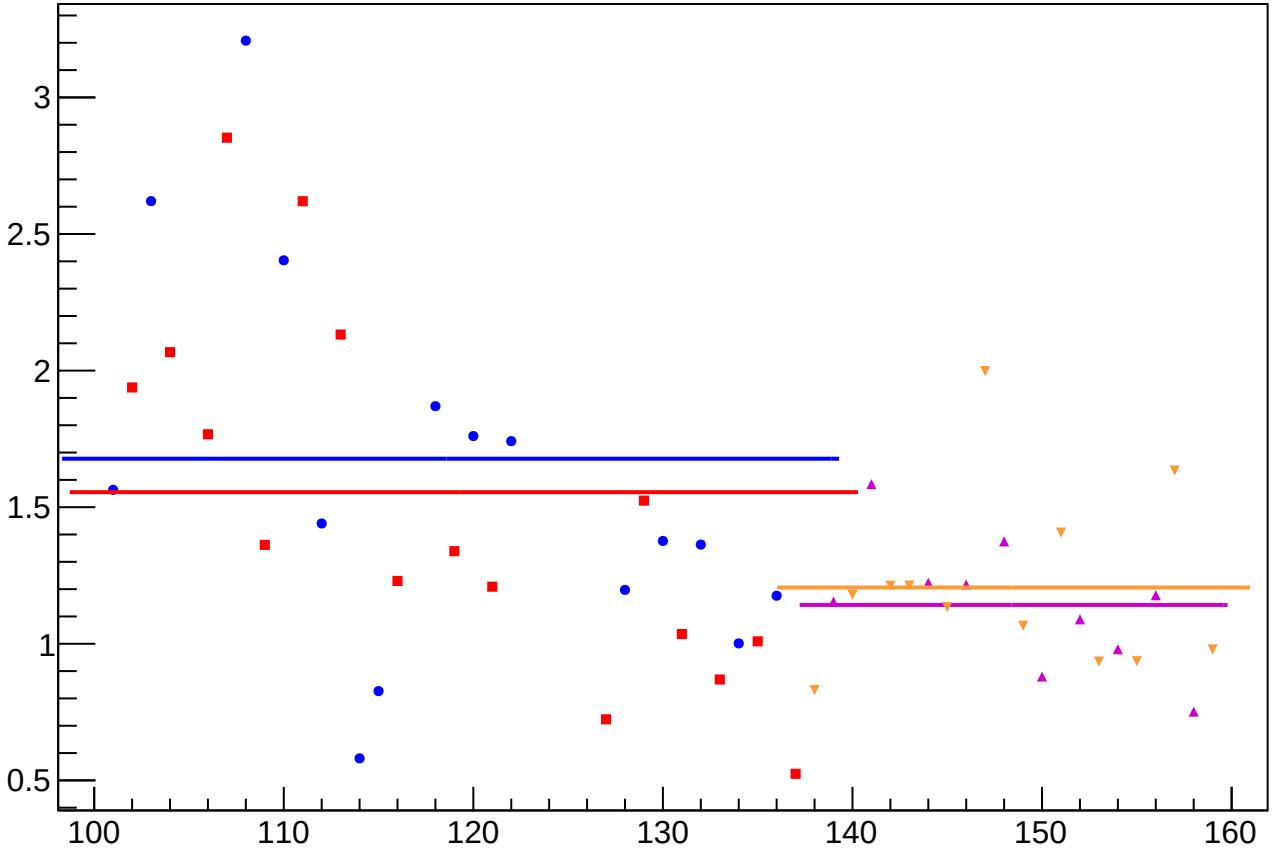
Left In: 175.094+/-0.000 χ^2/NDF:8805527925518266853632934659332 5056.0/9

+ sign 176.095+/-0.000 χ^2/NDF: 230260901406877

All: 178.527+/-0.000 χ^2/NDF: 44001181959

- sign 181.038+/-0.000 χ^2/NDF: 207868580800297

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.401+/-0.000 χ^2/NDF: 4222107427756009 7

Left Out: 1.206+/-0.000 χ^2/NDF:958696241285596662676270664908 80.0/11

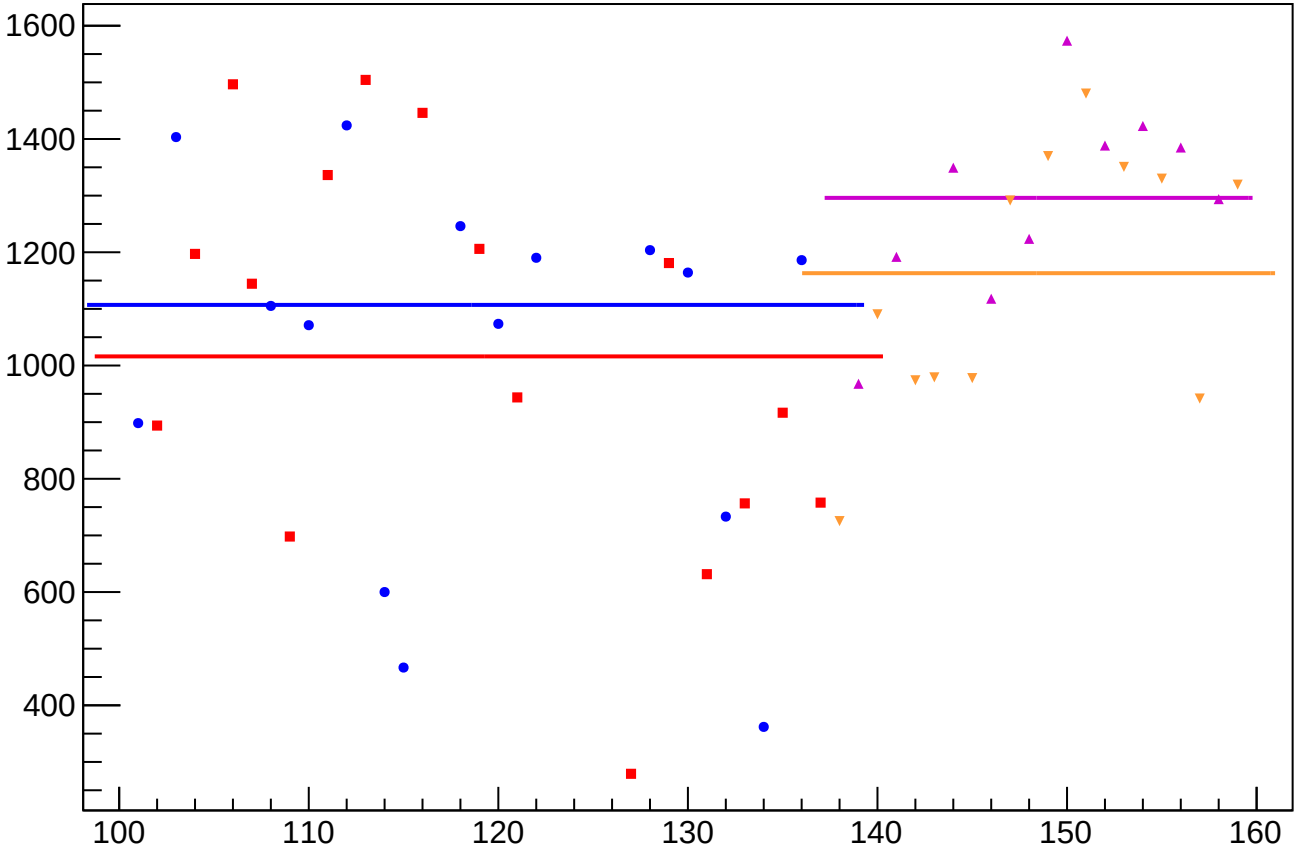
All: 1.363+/-0.000 χ^2/NDF: 7897252158509 4

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.324+/-0.000 χ^2/NDF: 3628605937145335 6

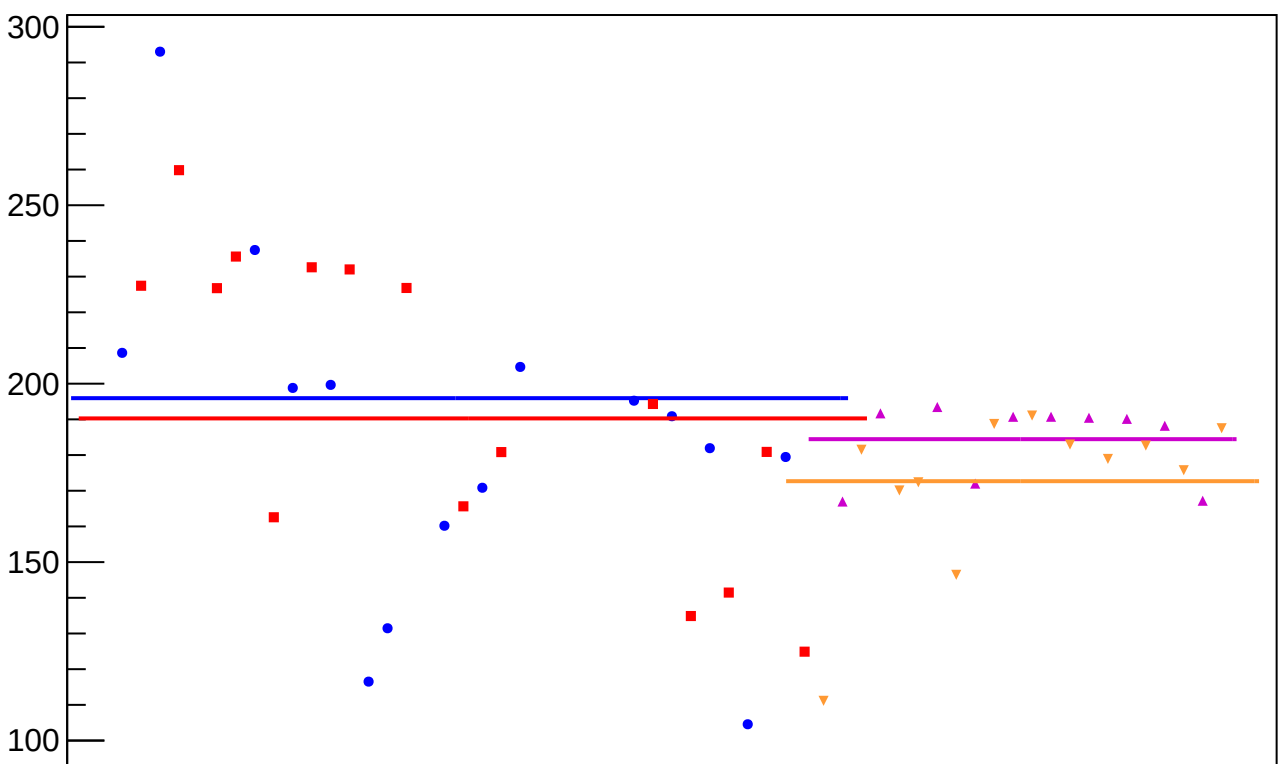
Left In: 1.142+/-0.000 χ^2/NDF:4352740330661661646030807813 3248.0/9

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 172.678+/-0.000 χ^2/NDF:4441291543187844917047905283473408 00.0/11

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

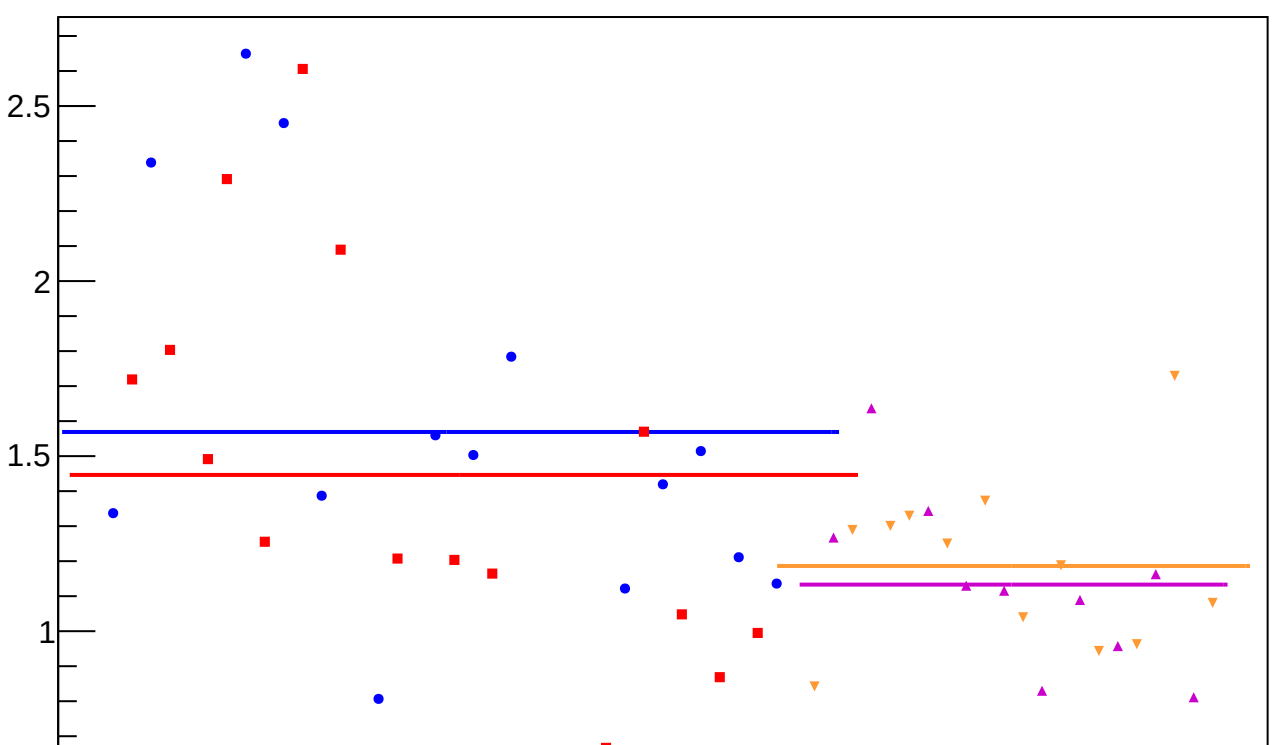
Left In: 184.452+/-0.000 χ^2/NDF:8743089197470583399371173434857881 6.0/9

+ sign 182.319+/-0.000 χ^2/NDF: 17076718533673 8

All: 184.626+/-0.000 χ^2/NDF: 3293168909 29

- sign 187.009+/-0.000 χ^2/NDF: 156854646097343

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.186+/-0.000 χ^2/NDF:501106490067331282697014424371 20.0/11

Right Out: 1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

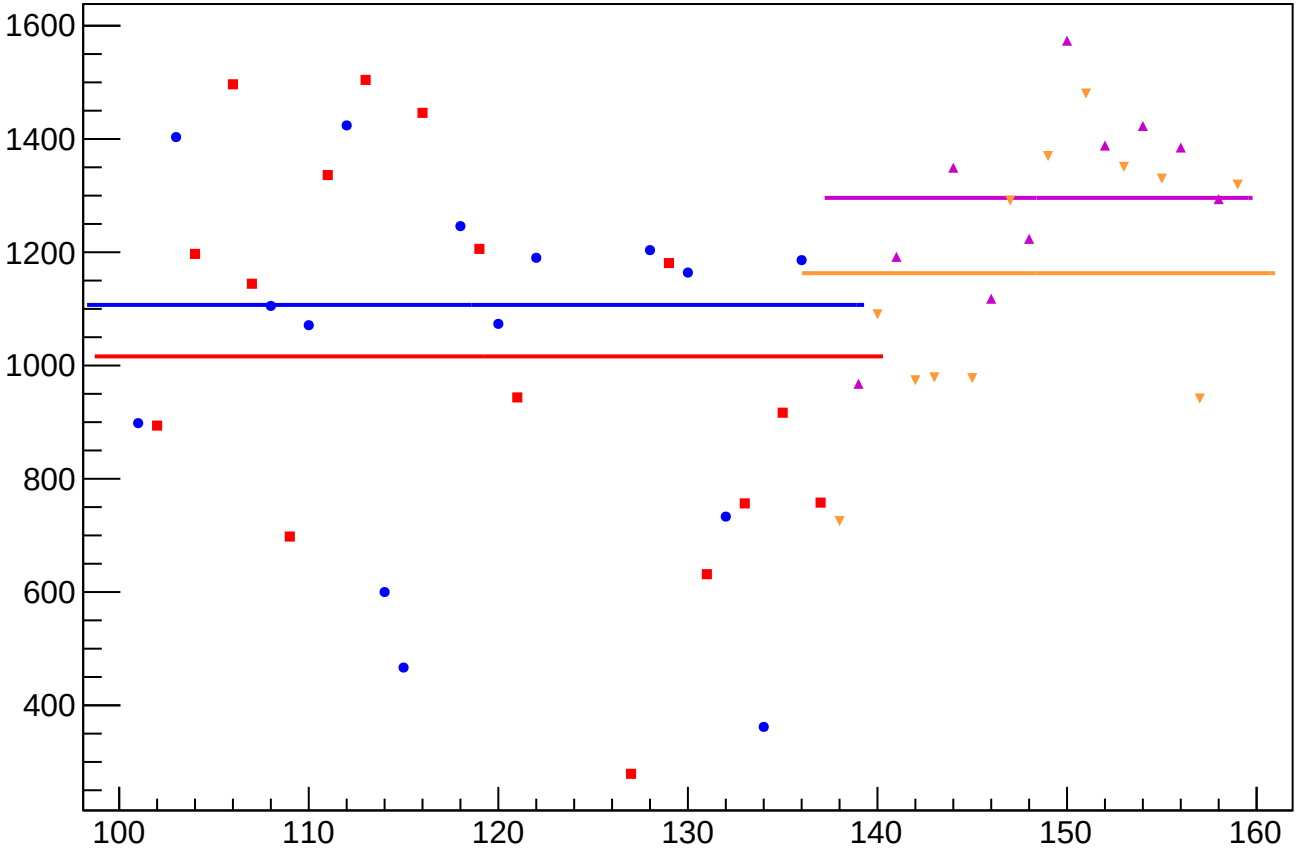
Left In: 1.133+/-0.000 χ^2/NDF:467215088221388418813583310192 64.0/9

+ sign 1.345+/-0.000 χ^2/NDF: 2686222287087534 0

All: 1.308+/-0.000 χ^2/NDF: 5525557186492 5

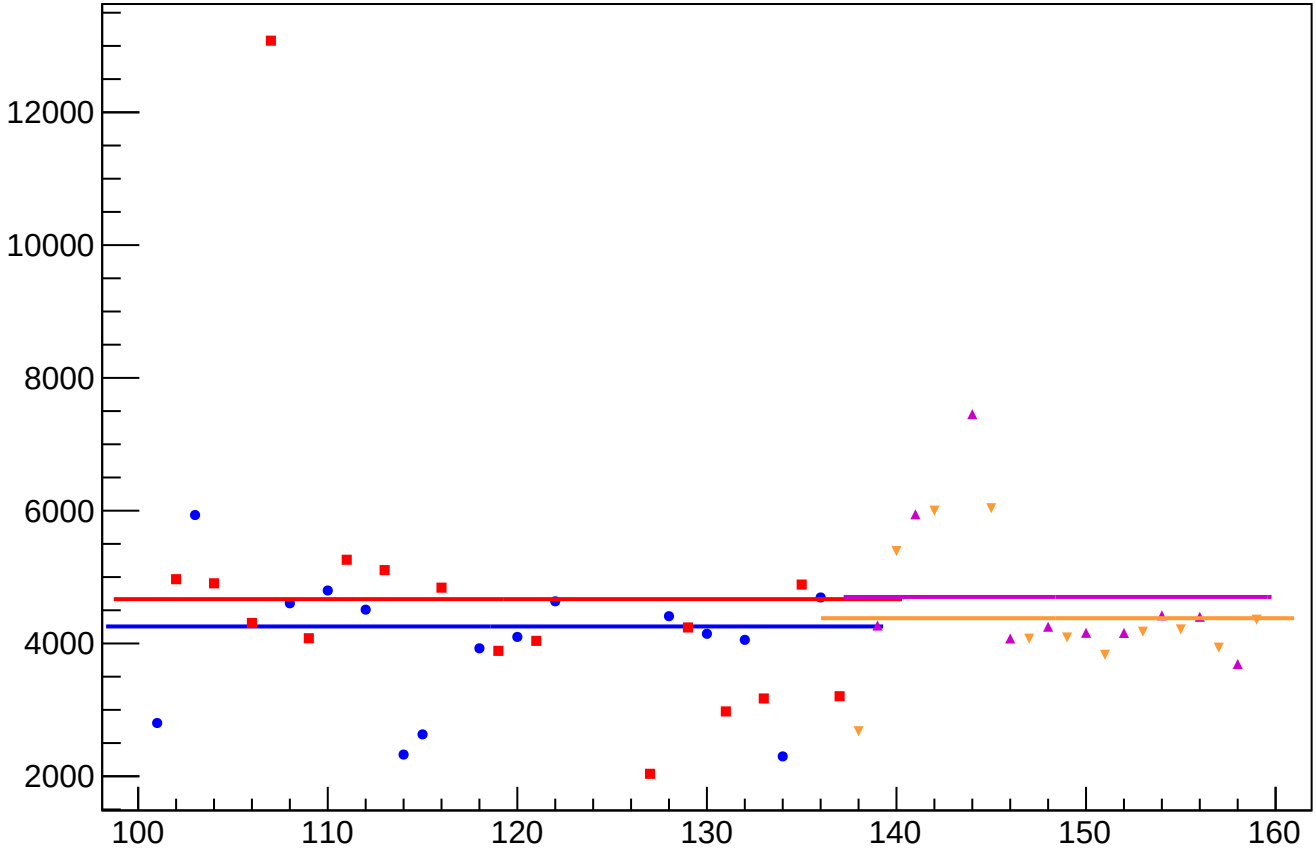
- sign 1.271+/-0.000 χ^2/NDF: 27970127433251000

dit_4eY_coil4_Ndata_mean vs Slug



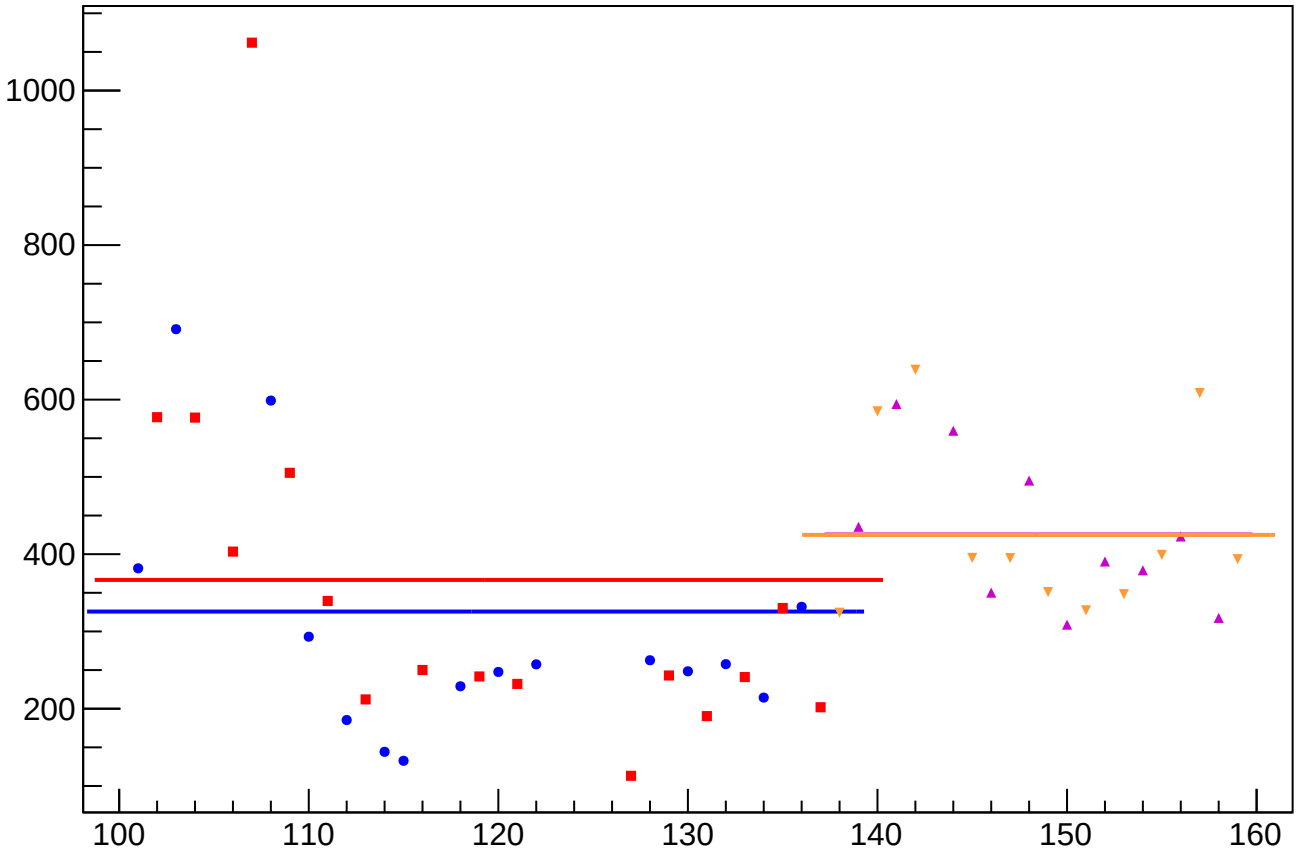
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14
+ sign 4326.984+/-0.000 χ^2/NDF: 12162390712682
Left Out: 4380.887+/-0.000 χ^2/NDF:7119293507962428723564453320843360993 28.0/10
All: 4507.661+/-0.000 χ^2/NDF: 5535119813 3
Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15
- sign 4686.194+/-0.000 χ^2/NDF: 42215940595145
Left Out: 4700.603+/-0.000 χ^2/NDF:1019267152397247321648961150416064610304.0/9

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 424.941+/-0.000 χ^2/NDF:962182867327264981338377327246888140 8.0/10

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893452 8.0/15

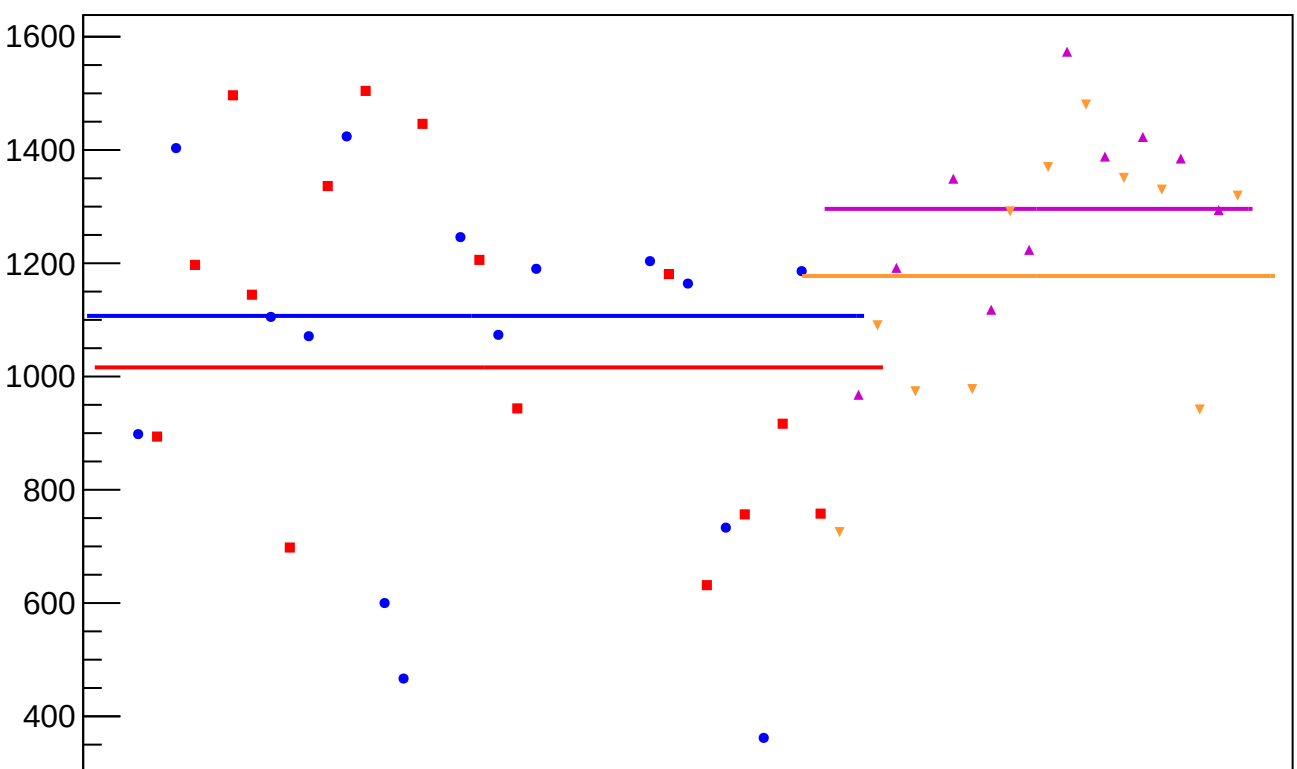
Left In: 425.477+/-0.000 χ^2/NDF:7395328689023686119802827092772519936.0/9

+ sign 381.988+/-0.000 χ^2/NDF: 2787729642766 88

All: 390.859+/-0.000 χ^2/NDF: 6889636003 44

- sign 399.626+/-0.000 χ^2/NDF: 4078449625150 13

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1177.551+/-0.000 χ^2/NDF:432990323993542902641234833031781416 96.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

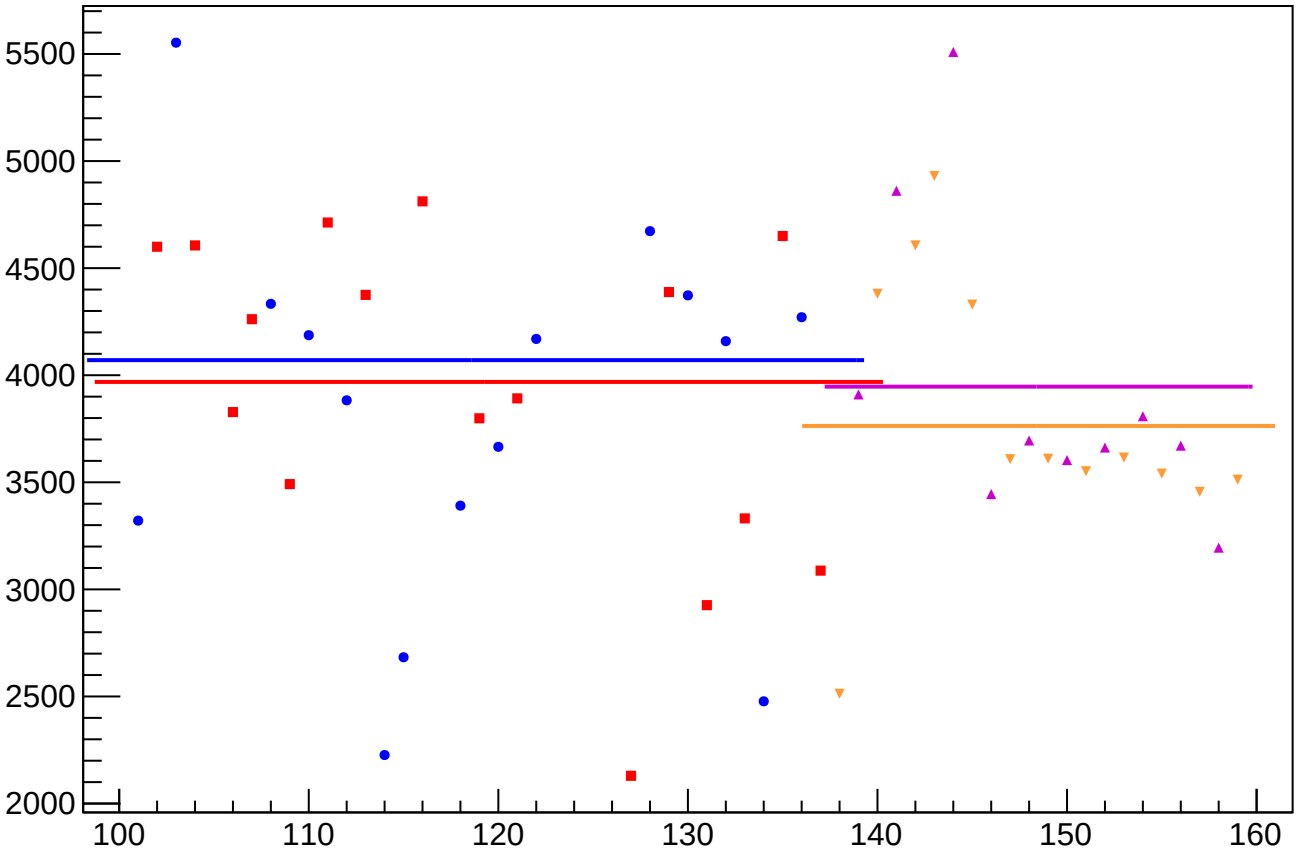
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

+ sign 1147.028+/-0.000 χ^2/NDF: 8576188246687 5

All: 1160.069+/-0.000 χ^2/NDF: 2109158602 7

- sign 1172.955+/-0.000 χ^2/NDF: 12464716969780

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 3763.117+/-0.000 χ^2/NDF:3288304104942859974906352696227476275 20.0/11

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

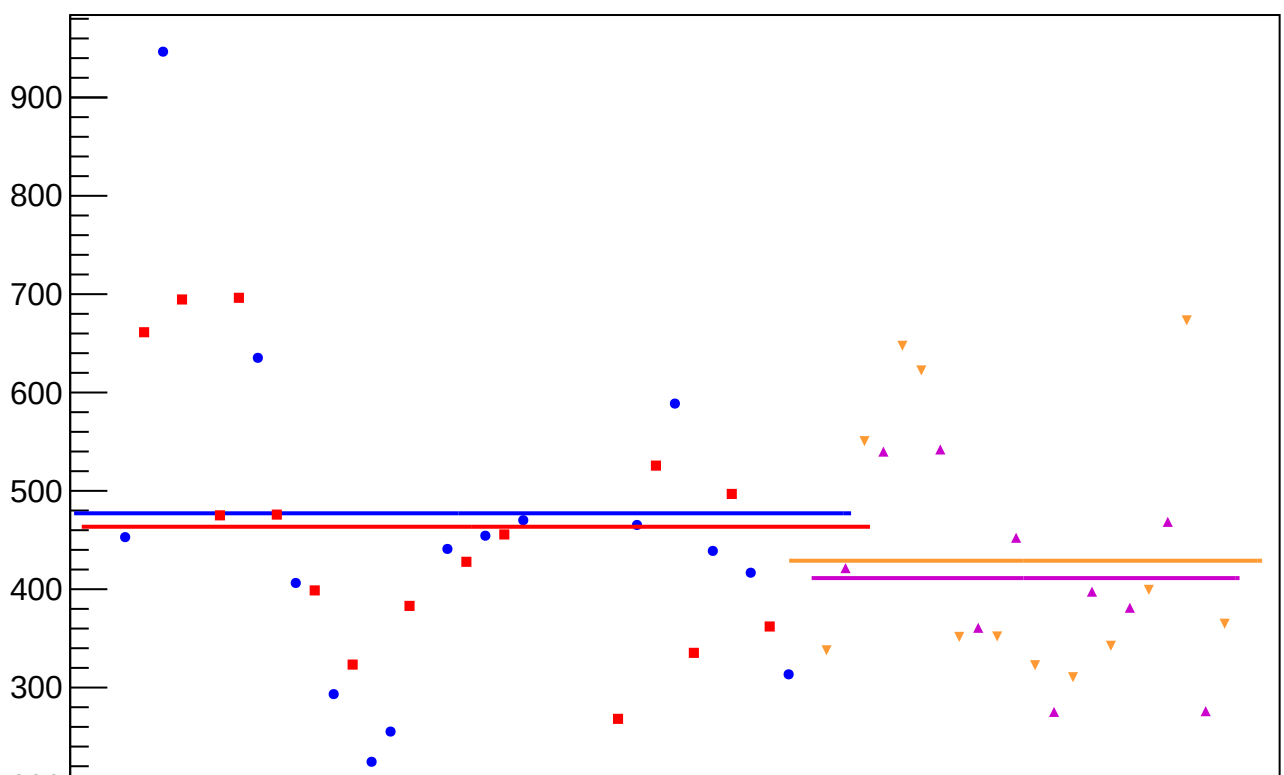
Left In: 3946.702+/-0.000 χ^2/NDF:3860552523647072755772605477445131304 96.0/9

+ sign 3890.483+/-0.000 χ^2/NDF: 7080063057790 5

All: 3922.910+/-0.000 χ^2/NDF: 1457545178 1

- sign 3956.384+/-0.000 χ^2/NDF: 7461923511283 9

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 428.977+/-0.000 χ^2/NDF:1529382778606567993198848445469268 3776.0/11

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457 1904.0/15

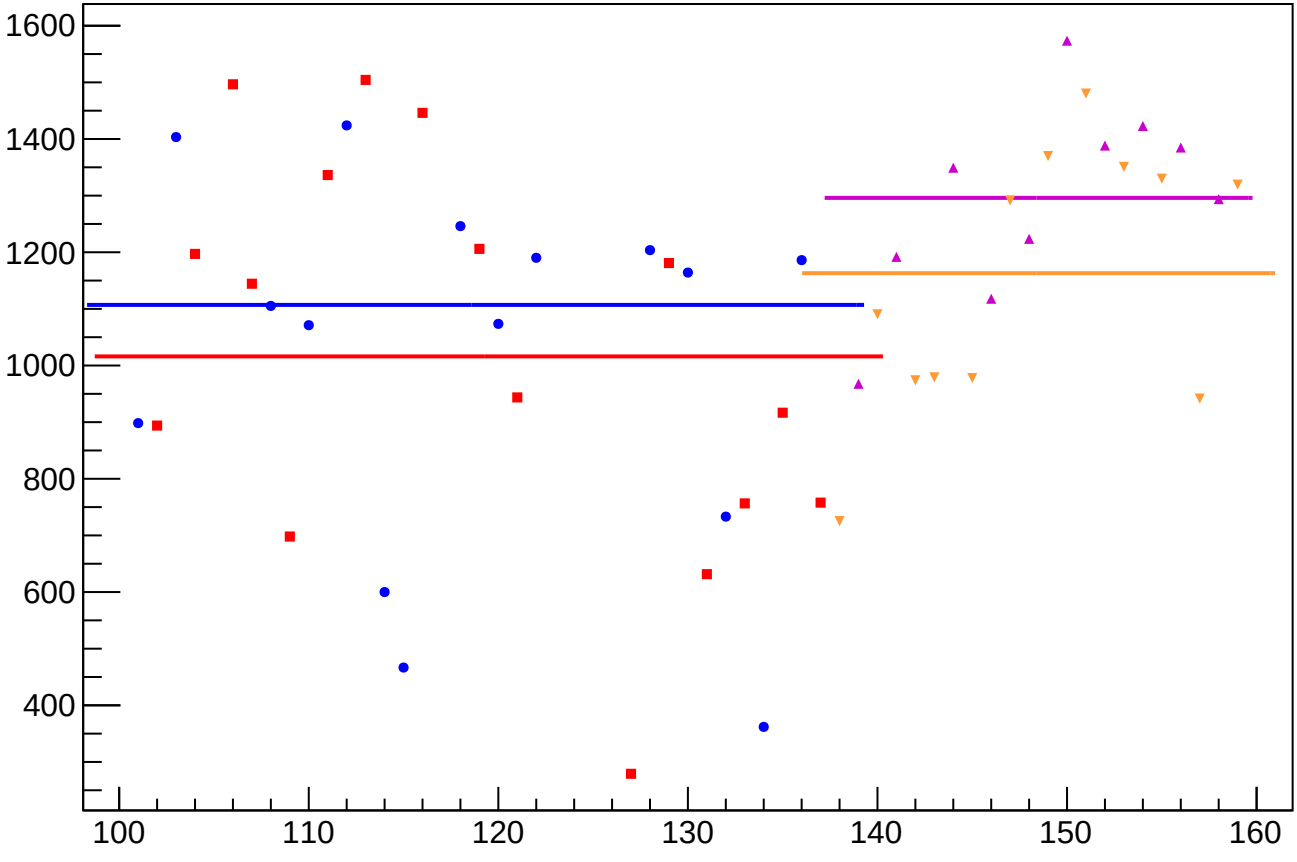
Left In: 411.304+/-0.000 χ^2/NDF:6816699884804276577882958707487145984.0/9

+ sign 448.957+/-0.000 χ^2/NDF: 36632799082275 0

All: 441.725+/-0.000 χ^2/NDF: 5719142744 42

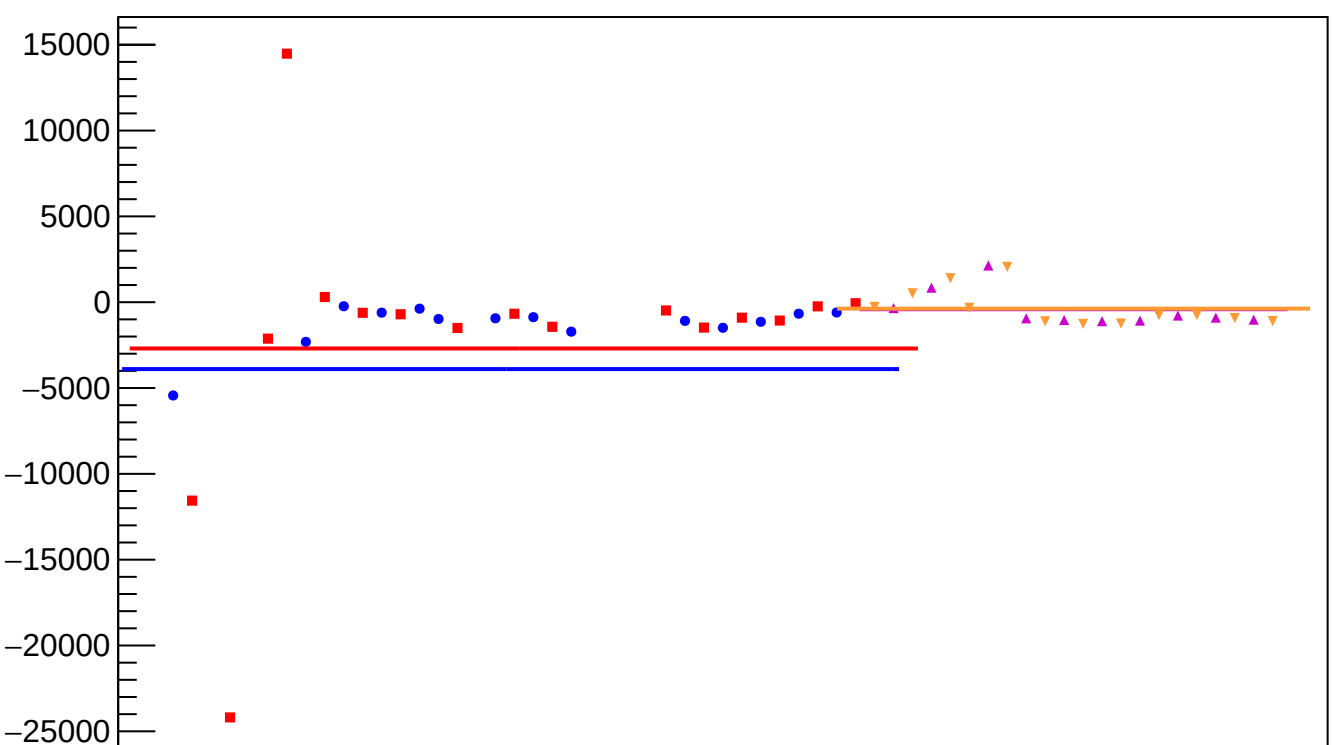
- sign 434.259+/-0.000 χ^2/NDF: 20392177079401 5

dit_usr_coil4_Ndata_mean vs Slug



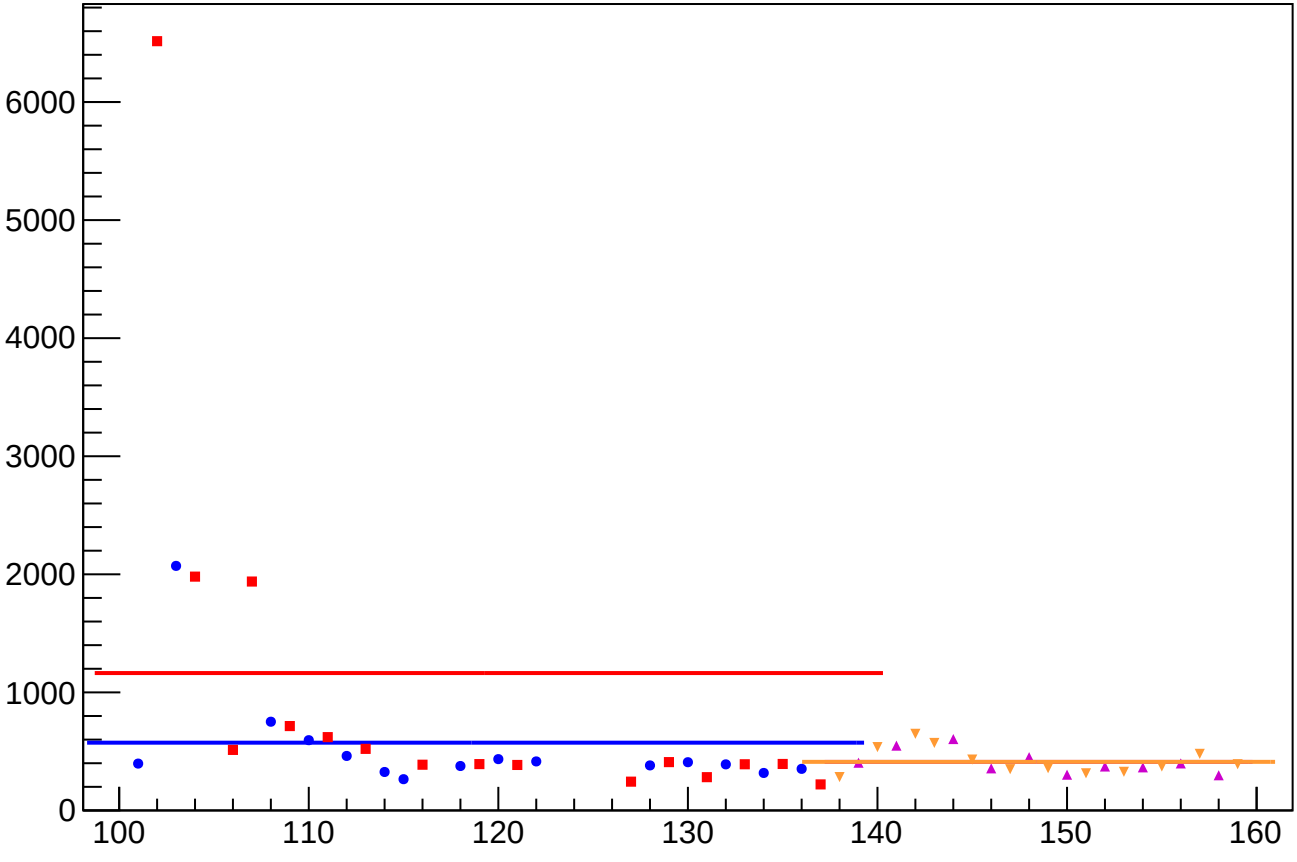
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -1833.963+/-0.000 χ^2/NDF: 4527944849891
Left Out: -374.202+/-0.000 χ^2/NDF:9458681751446739631330703811354967408 64.0/11
All: -1627.677+/-0.000 χ^2/NDF: 8910304144
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1414.728+/-0.000 χ^2/NDF: 4368816156291 0
Left Out: -409.312+/-0.000 χ^2/NDF:911493765384516588826450256964251287552.0/9

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14

+ sign 478.965+/-0.000 χ^2/NDF: 171437634653711

Left Out: 411.666+/-0.000 χ^2/NDF:931075356204691907006762156089461964 8.0/11

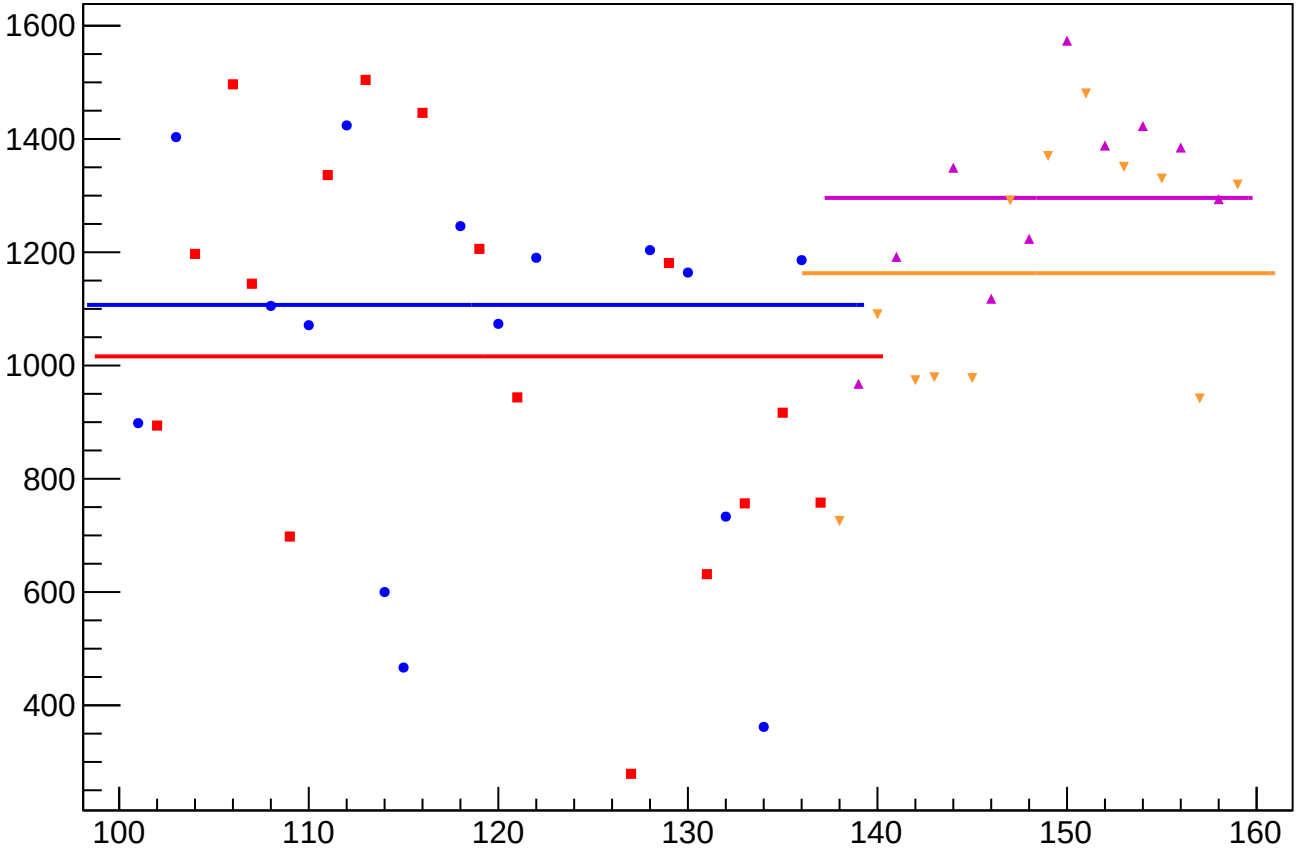
All: 608.336+/-0.000 χ^2/NDF: 24474732670 6

Right Out: 1163.697+/-0.000 χ^2/NDF: 200319439647546533719015478751518313 6768.0/15

- sign 741.885+/-0.000 χ^2/NDF: 222276957055286

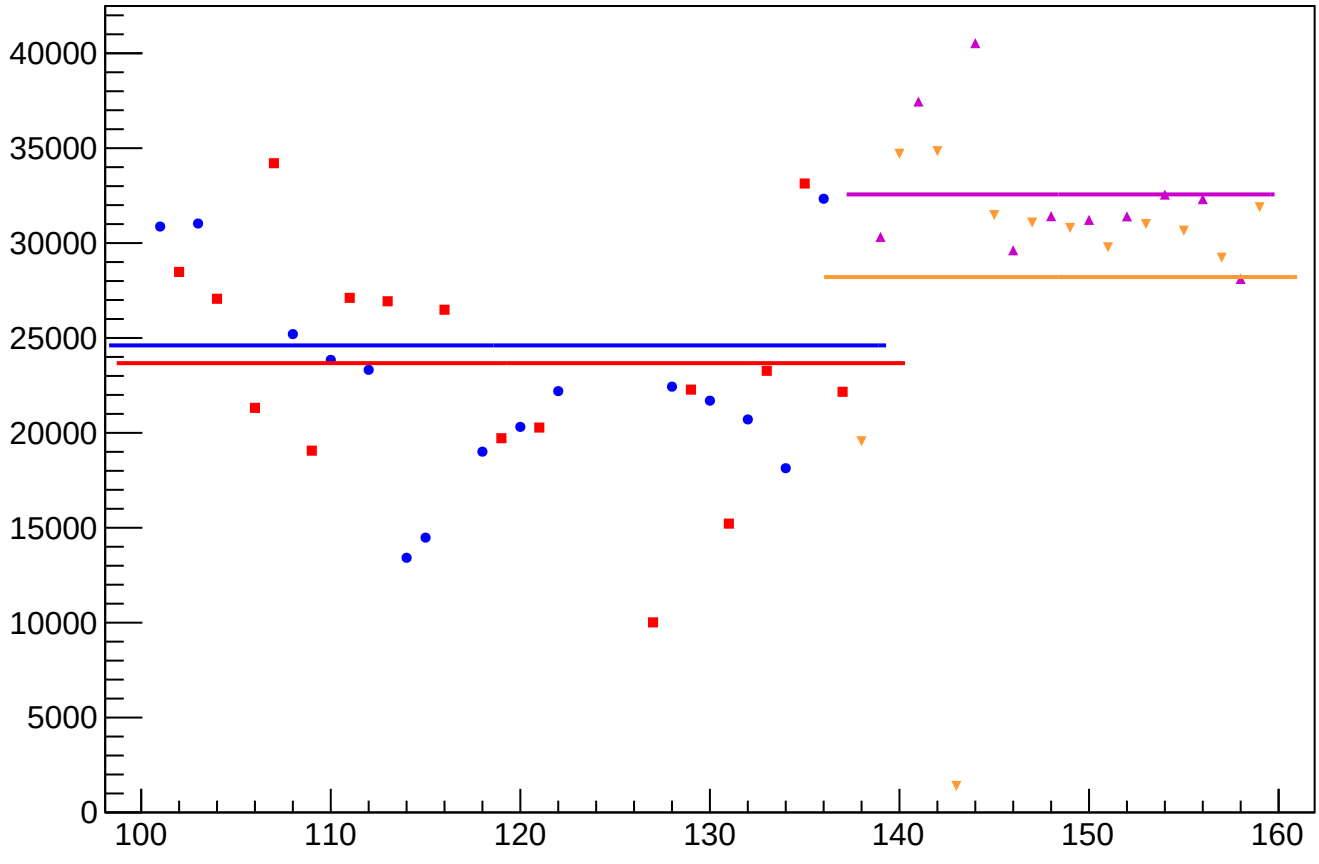
Left In: 410.887+/-0.000 χ^2/NDF:777342267986992715737619279601100390 4.0/9

dit_atl1_coil4_Ndata_mean vs Slug



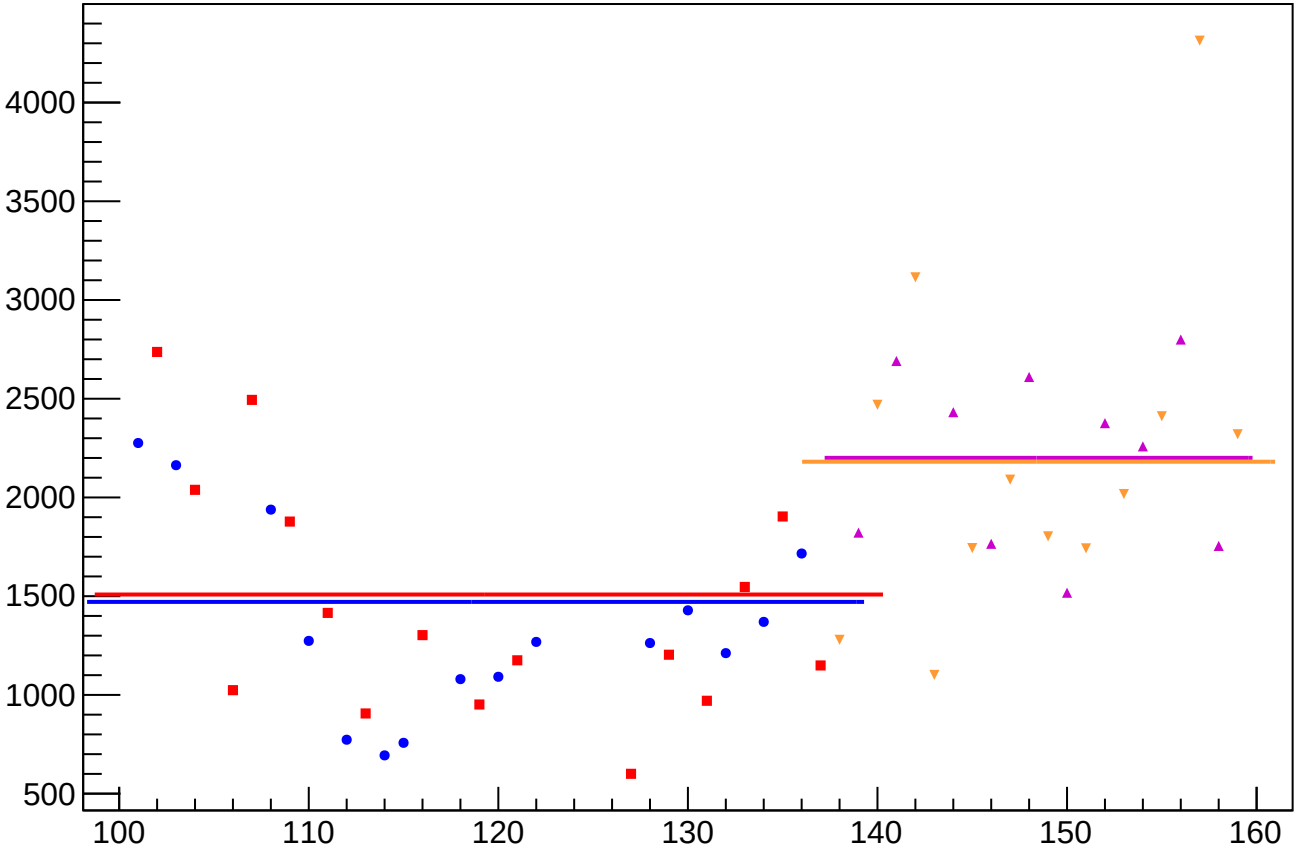
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
+ sign 26717.396+/-0.000 χ^2/NDF: 8653618172568
Left Out: 28209.767+/-0.000 χ^2/NDF:640525882088157865012711361542179572940 80.0/11
All: 27670.771+/-0.000 χ^2/NDF: 1546028516
Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
- sign 28654.941+/-0.000 χ^2/NDF: 6517394199209
Left In: 32563.565+/-0.000 χ^2/NDF:1081543356672347746210077834778229132492 8.0/9

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 13917497942046784107389416795645201612 8.0/14

Left Out: 2180.972+/-0.000 χ^2/NDF:5987032261219997887471511740263474135 04.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156136 96.0/15

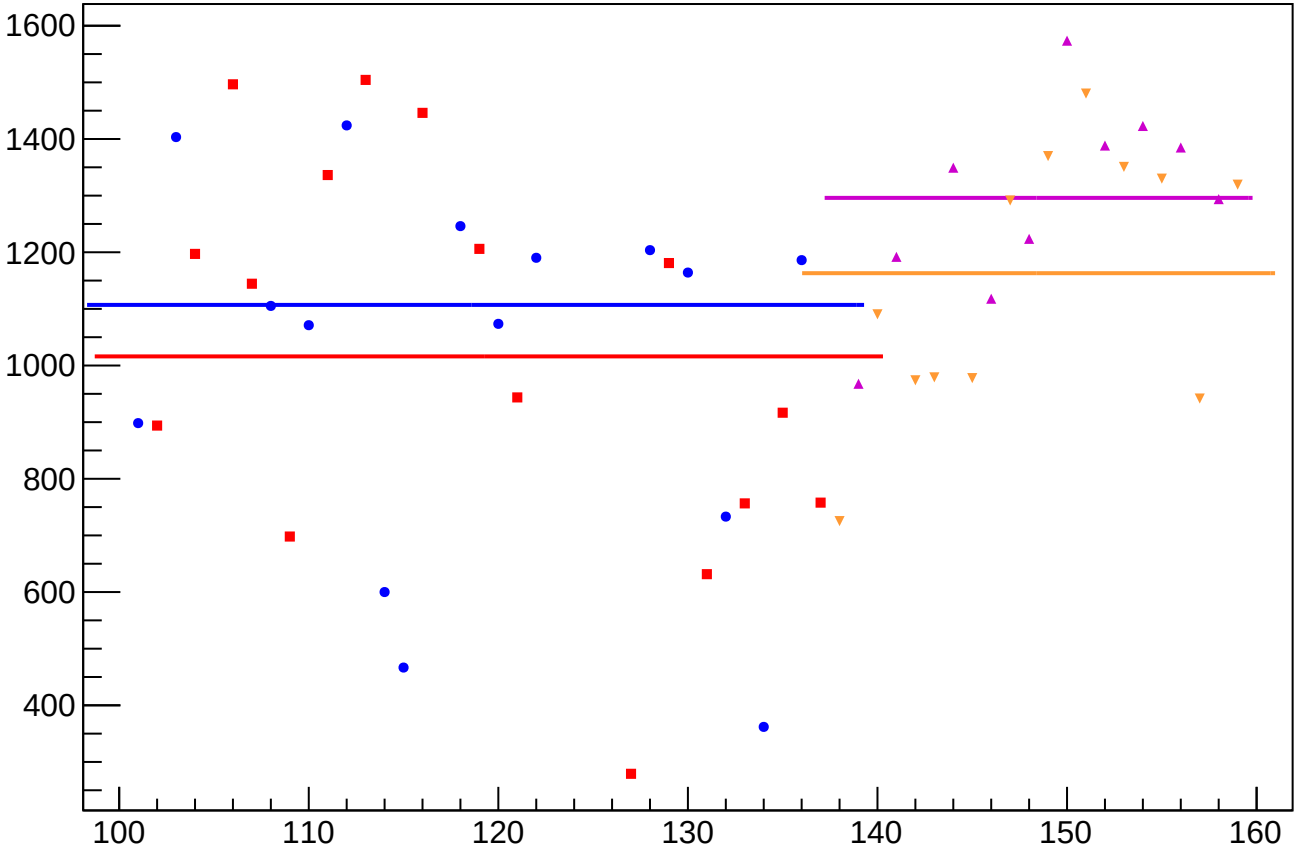
Left In: 2200.573+/-0.000 χ^2/NDF:1569185625520352330957247481038105477 12.0/9

+ sign 1886.776+/-0.000 χ^2/NDF: 9293871705714 2

All: 1891.442+/-0.000 χ^2/NDF: 1515490087 9

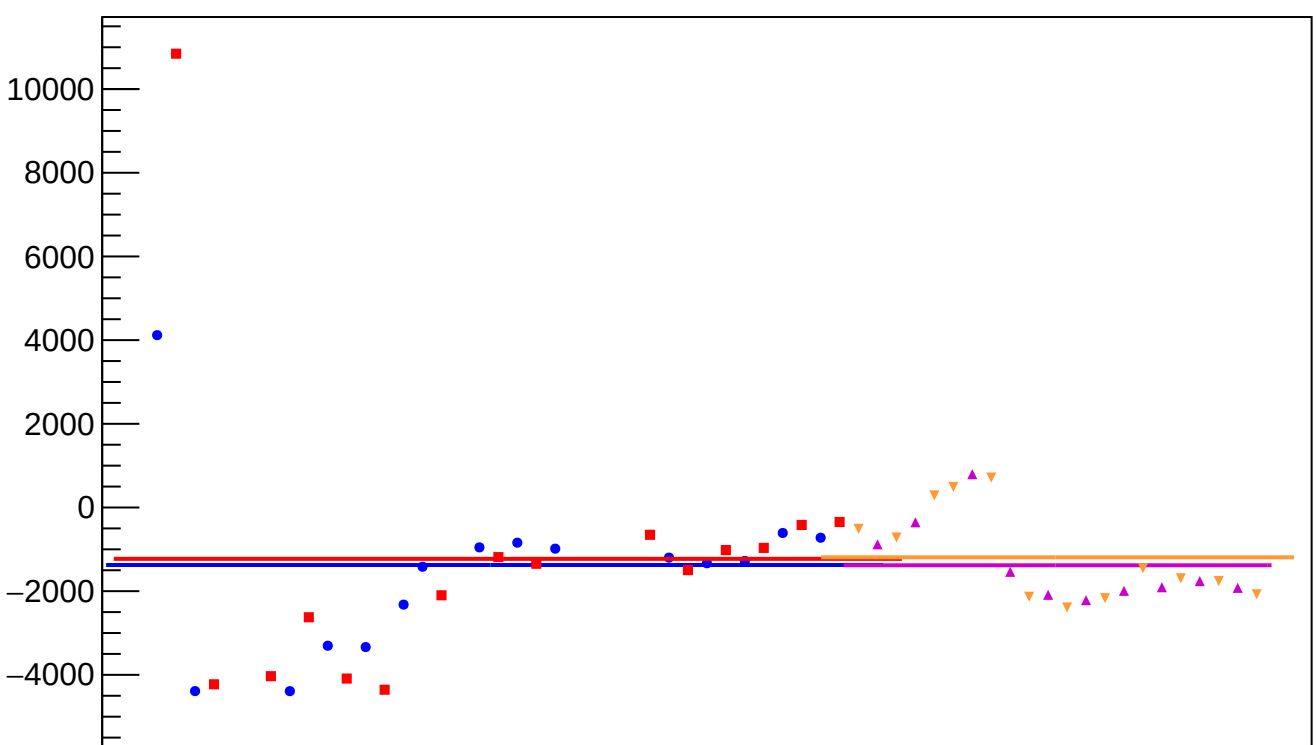
- sign 1896.258+/-0.000 χ^2/NDF: 5860336388796 8

dit_atl2_coil4_Ndata_mean vs Slug



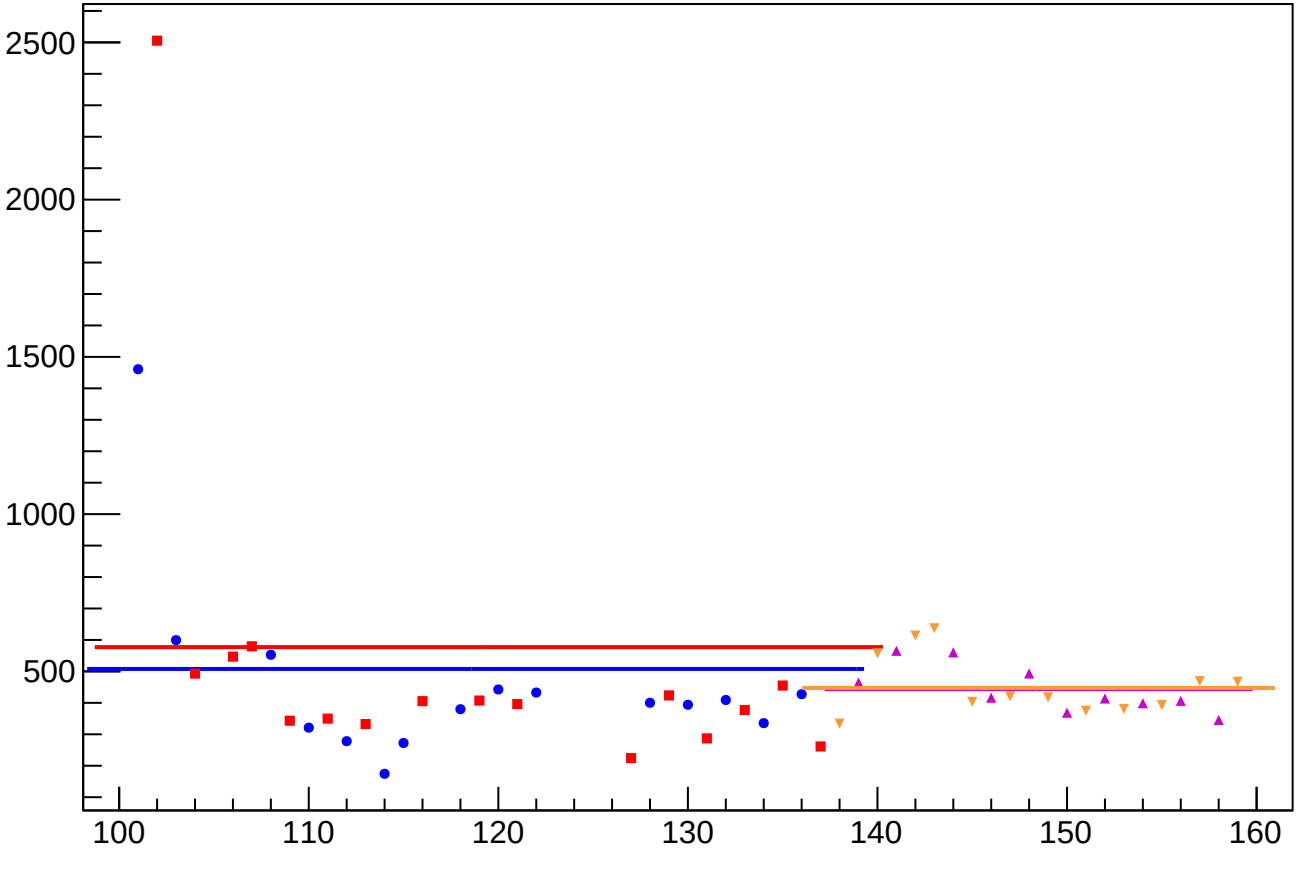
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1267.093+/-0.000 χ^2/NDF: 4101226272793
Left Out: -1191.069+/-0.000 χ^2/NDF:1015662132878322627077441101495867015168.0/11
All: -1290.109+/-0.000 χ^2/NDF: 1595848840
Right Out: -1227.879+/-0.000 χ^2/NDF: 1111531299992662339646645021844862245273 6.0/15
- sign -1313.869+/-0.000 χ^2/NDF: 1185557610611 8
Left In: -1381.347+/-0.000 χ^2/NDF:7314609167533631638704057742580703559 68.0/9

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 447.436+/-0.000 χ^2/NDF:706907202896977463868898574275182592 0.0/11

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

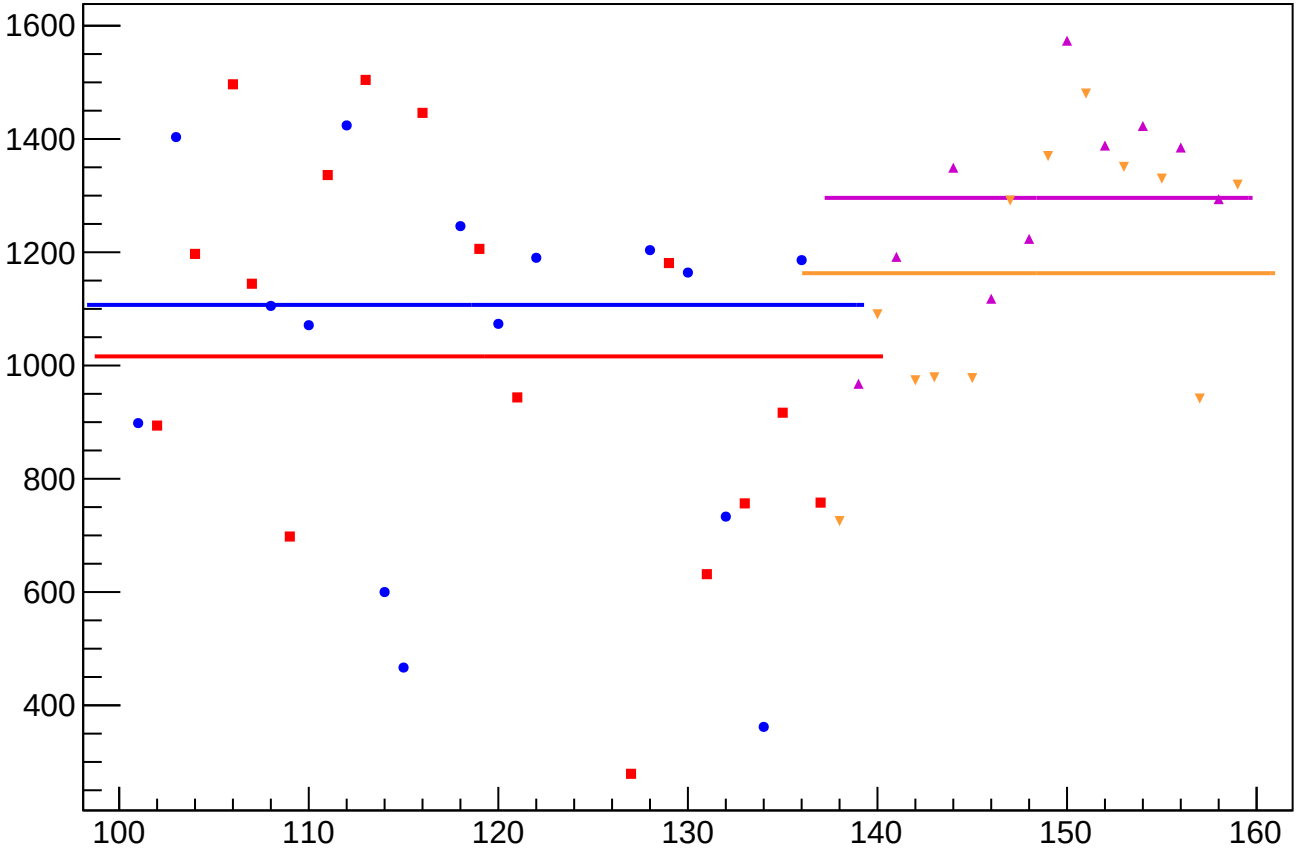
Left In: 443.727+/-0.000 χ^2/NDF:443832498403804409707774724313972736 0.0/9

+ sign 472.457+/-0.000 χ^2/NDF: 7259419601326 00

All: 487.208+/-0.000 χ^2/NDF: 3256768487 53

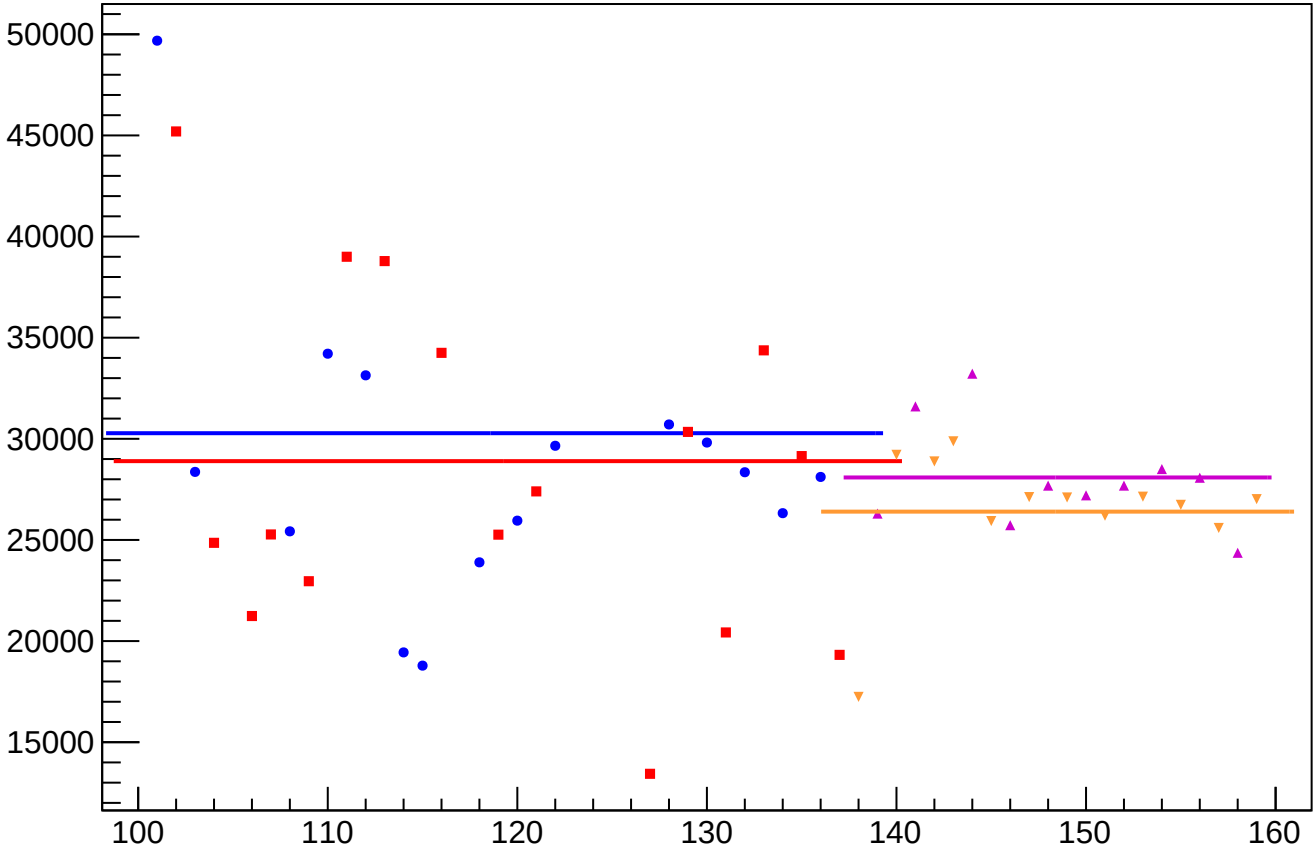
- sign 502.435+/-0.000 χ^2/NDF: 2523901400868 03

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Left Out: 26400.073+/-0.000 χ^2/NDF:852345353206654257424343989900837650432 0.0/11

Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

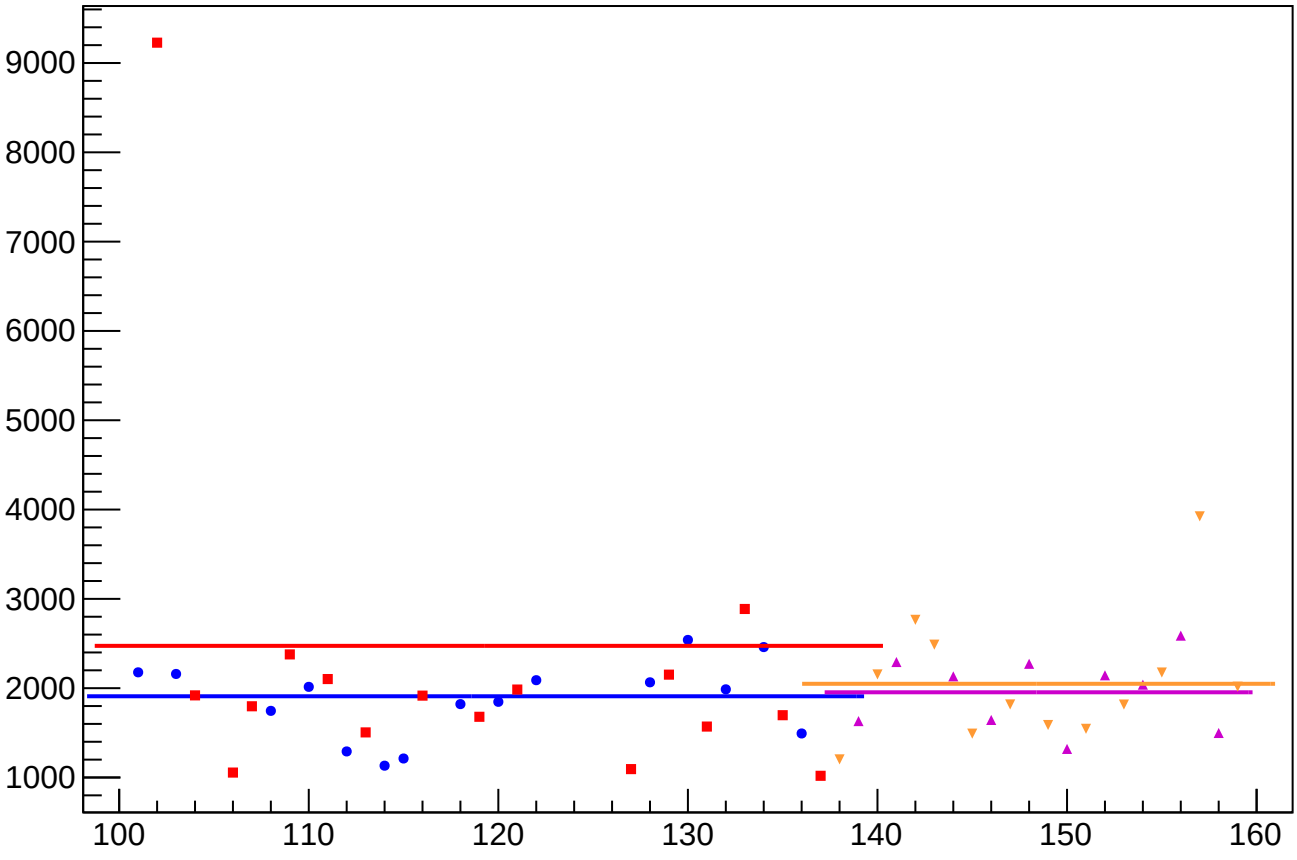
Left In: 28088.985+/-0.000 χ^2/NDF:535053332006630131060389821866115386572 8.0/9

+ sign 28007.063+/-0.000 χ^2/NDF: 4521346262671

All: 28222.038+/-0.000 χ^2/NDF: 9792417287

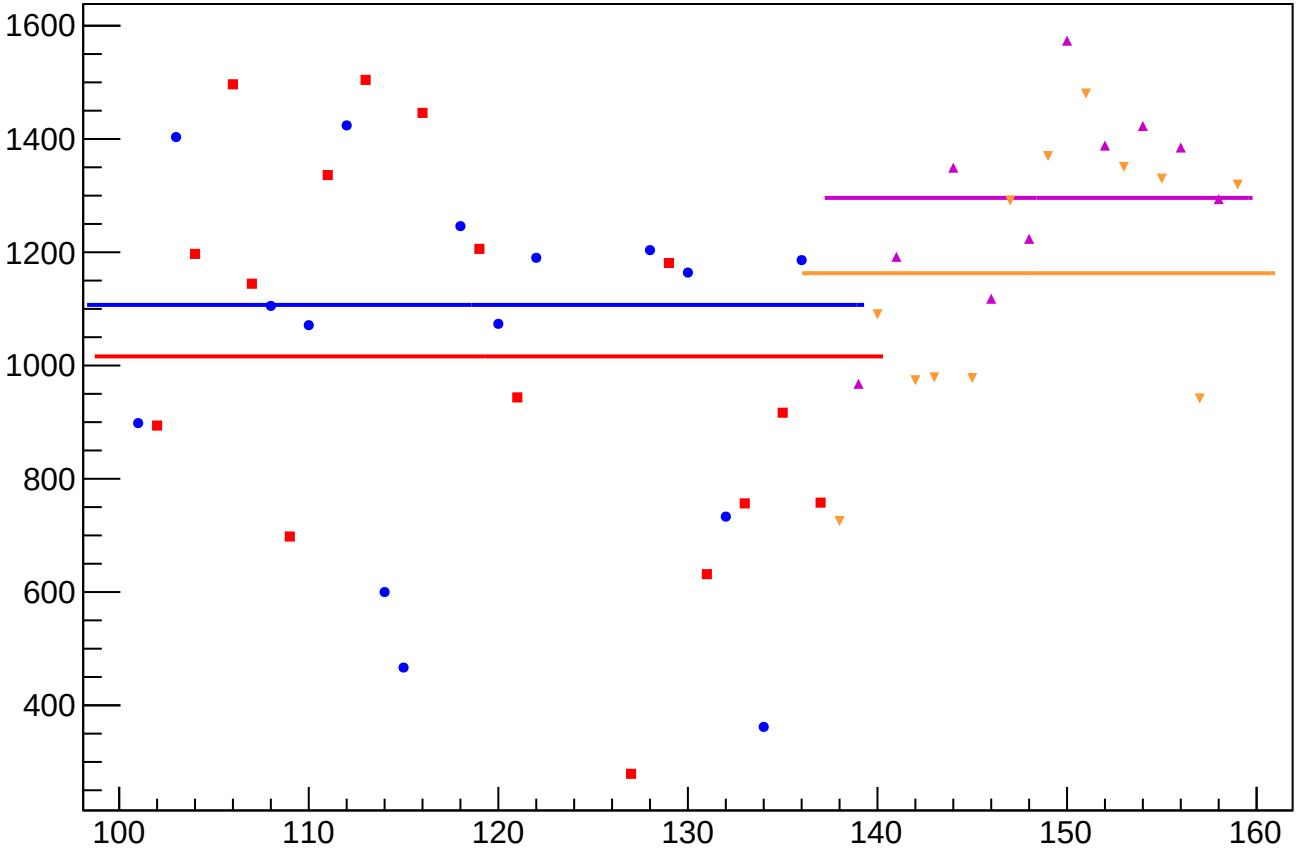
- sign 28443.956+/-0.000 χ^2/NDF: 5256363018125

dit_atr2_coil4_err_mean vs Slug



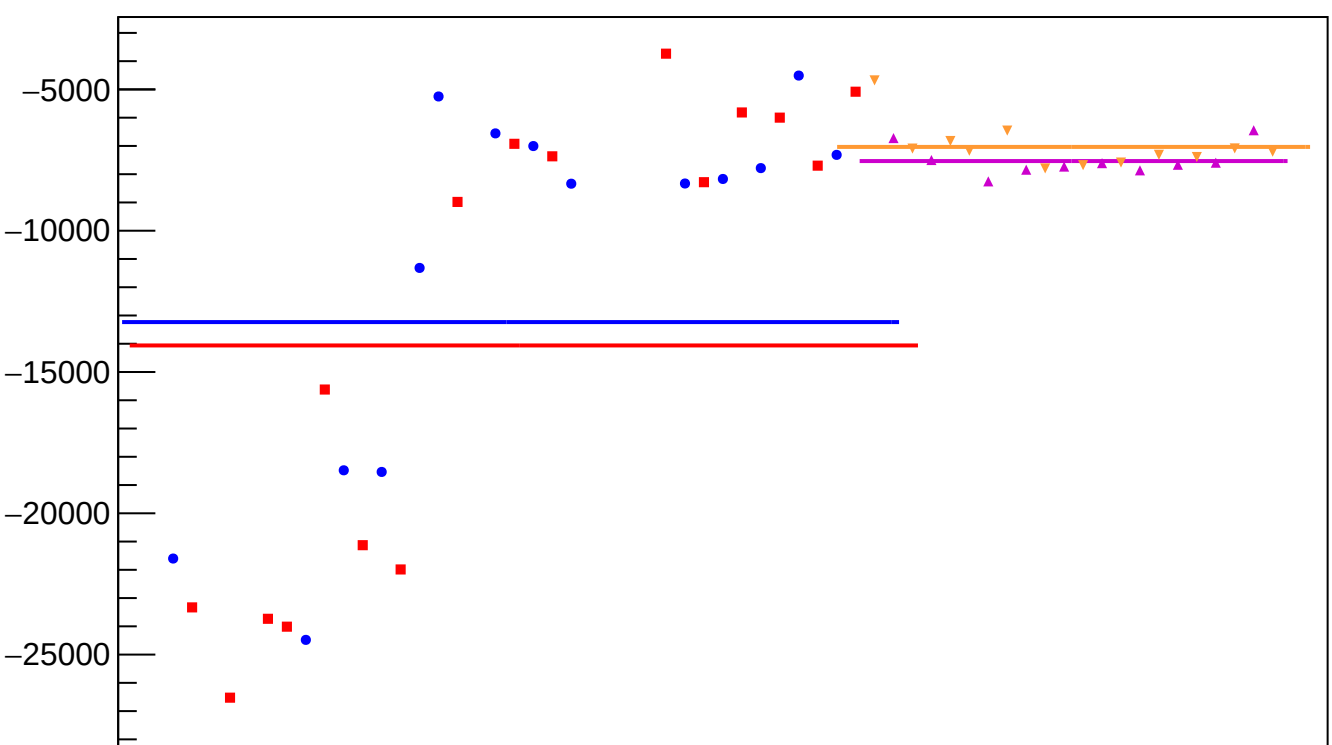
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1991.196+/-0.000 χ^2/NDF: 5387672882538 2
Left Out: 2049.063+/-0.000 χ^2/NDF:4437211009992955156726740363485097492 48.0/11
All: 2085.381+/-0.000 χ^2/NDF: 3828857580 1
Right Out: 2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15
- sign 2182.607+/-0.000 χ^2/NDF: 3261858510099 1
Left In: 1953.968+/-0.000 χ^2/NDF:1268898615515286127153608526235875409 92.0/9

dit_atr2_coil4_Ndata_mean vs Slug



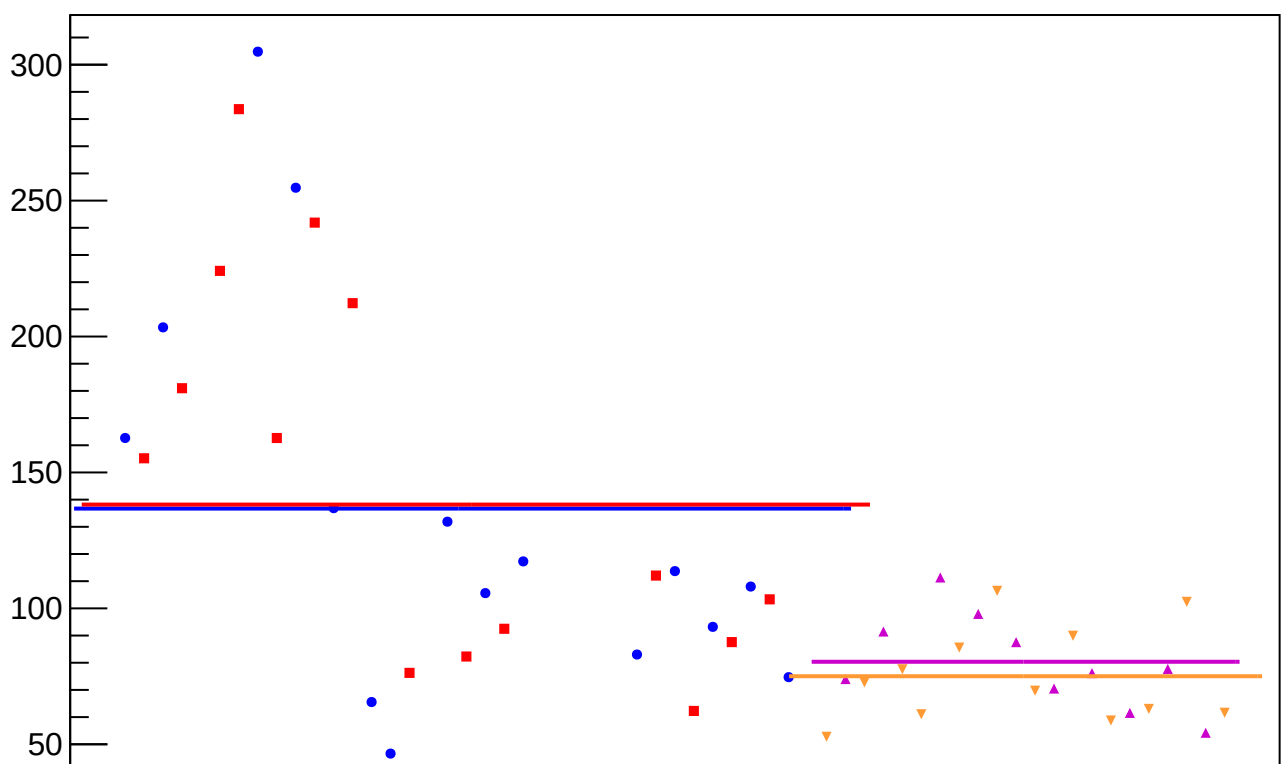
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -9603.460+/-0.000 χ^2/NDF: 5644666826321
Left Out: -7034.420+/-0.000 χ^2/NDF:5860877002520491792654324353800234598 40.0/11
All: -9997.359+/-0.000 χ^2/NDF: 1175619135
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -10403.982+/-0.000 χ^2/NDF: 6062144657335
Left In: -7535.001+/-0.000 χ^2/NDF:2185209344405639468924198957543598 32576.0/9

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 268706503088522712629176426745665945 6.0/14

+ sign 100.594+/-0.000 χ^2/NDF: 43984437308582 5

Left Out: 75.033+/-0.000 χ^2/NDF:2656978002749540884156088723743703 04.0/11

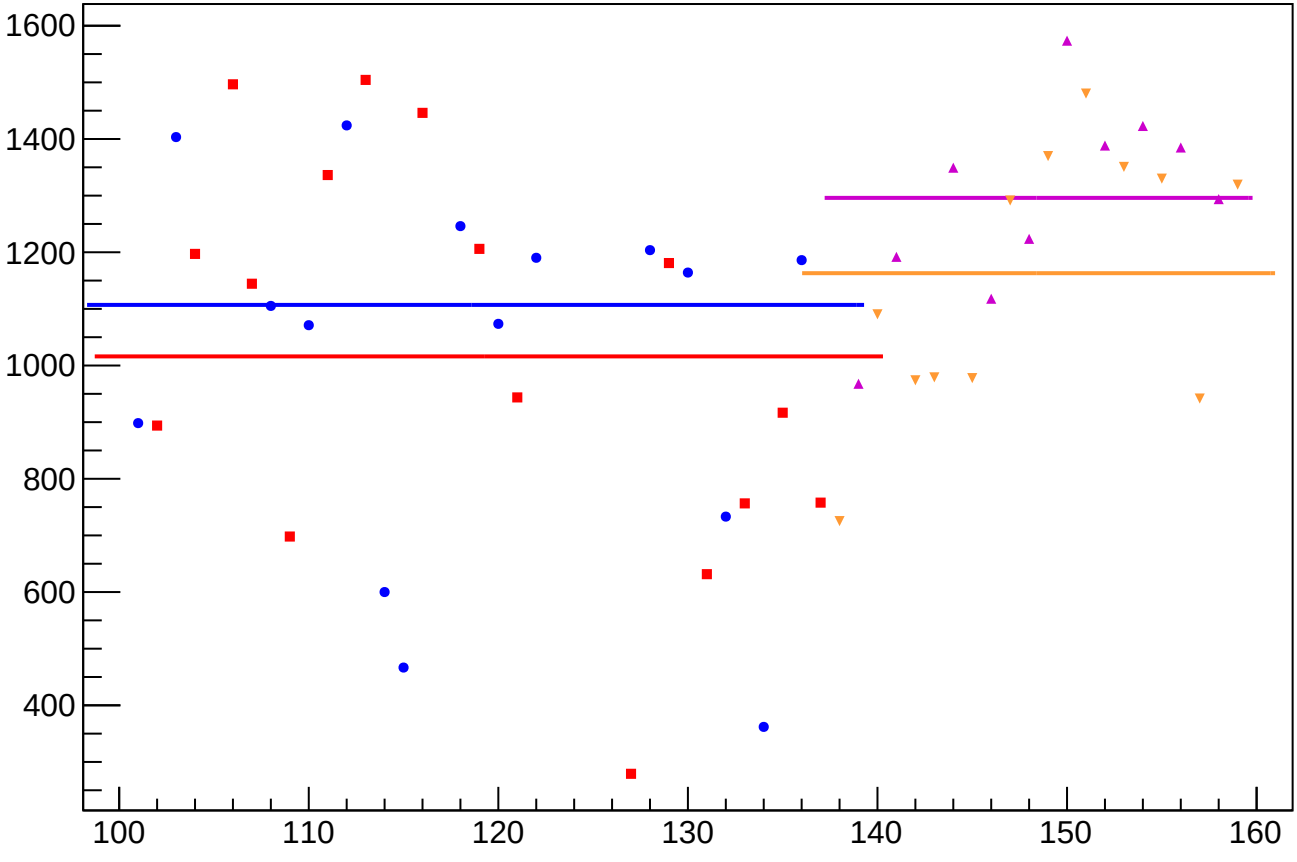
All: 103.146+/-0.000 χ^2/NDF: 91267052164 9

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846732 8.0/15

- sign 105.780+/-0.000 χ^2/NDF: 470753810666512

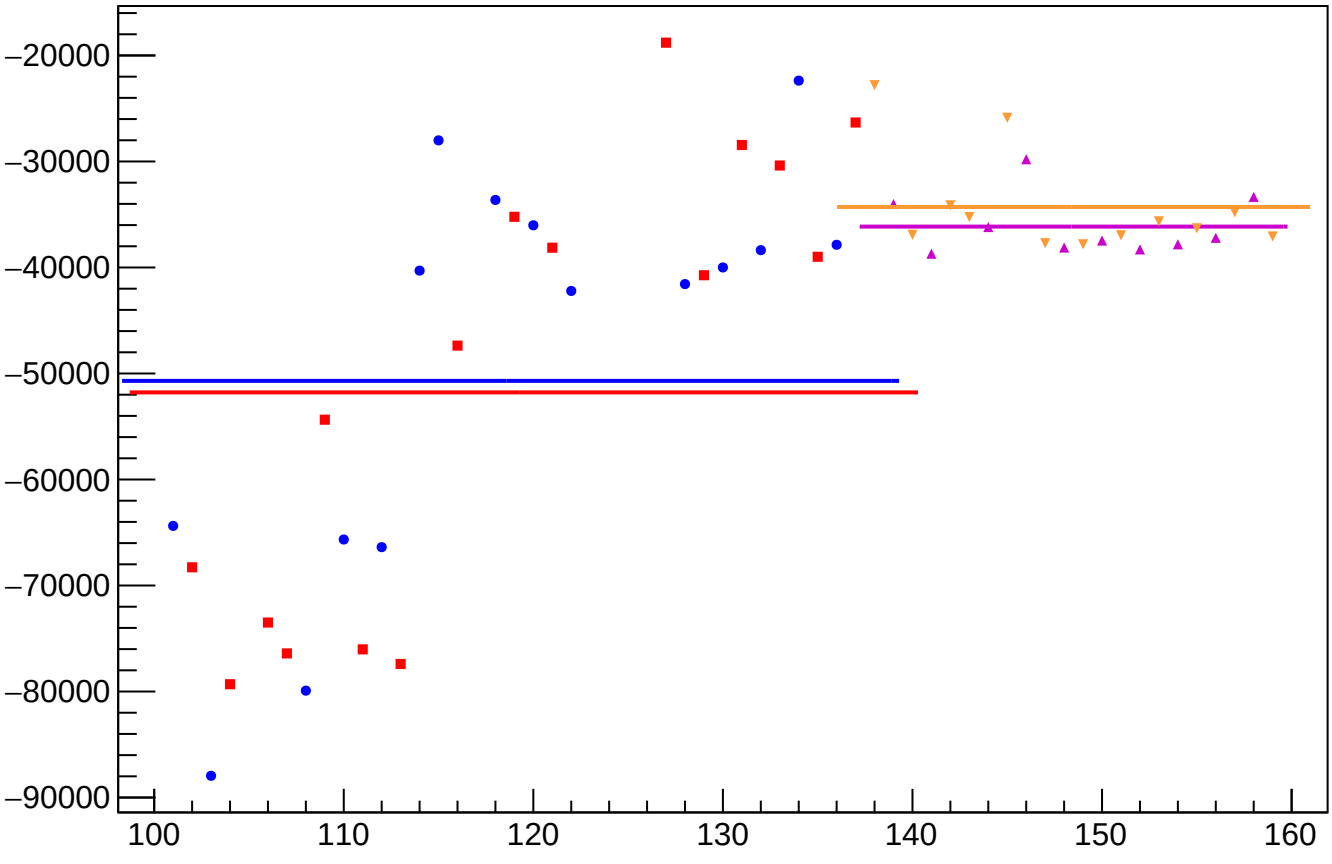
Left In: 80.357+/-0.000 χ^2/NDF:227110962175699921814949830343000064.0/9

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Left Out: -34292.100+/-0.000 χ^2/NDF:2027312940399082078986610590811666409062 4.0/11

Right Out: -51783.912+/-0.000 χ^2/NDF: 2817896177291319962711541984726174788485 12.0/15

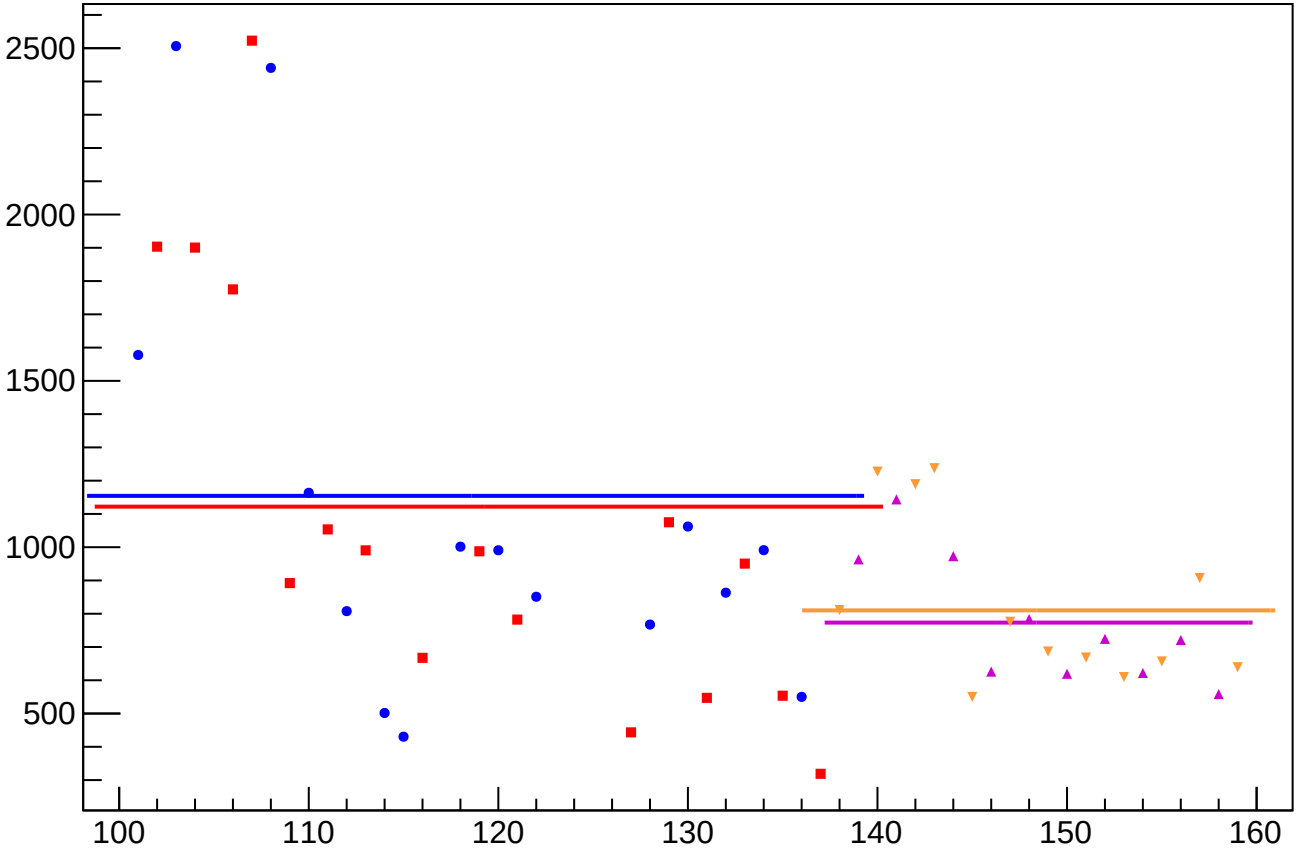
Left In: -36143.489+/-0.000 χ^2/NDF:6137032332459773946646990799755555110912.0/9

+ sign -41090.157+/-0.000 χ^2/NDF: 349142060389

All: -42039.903+/-0.000 χ^2/NDF: 731362603

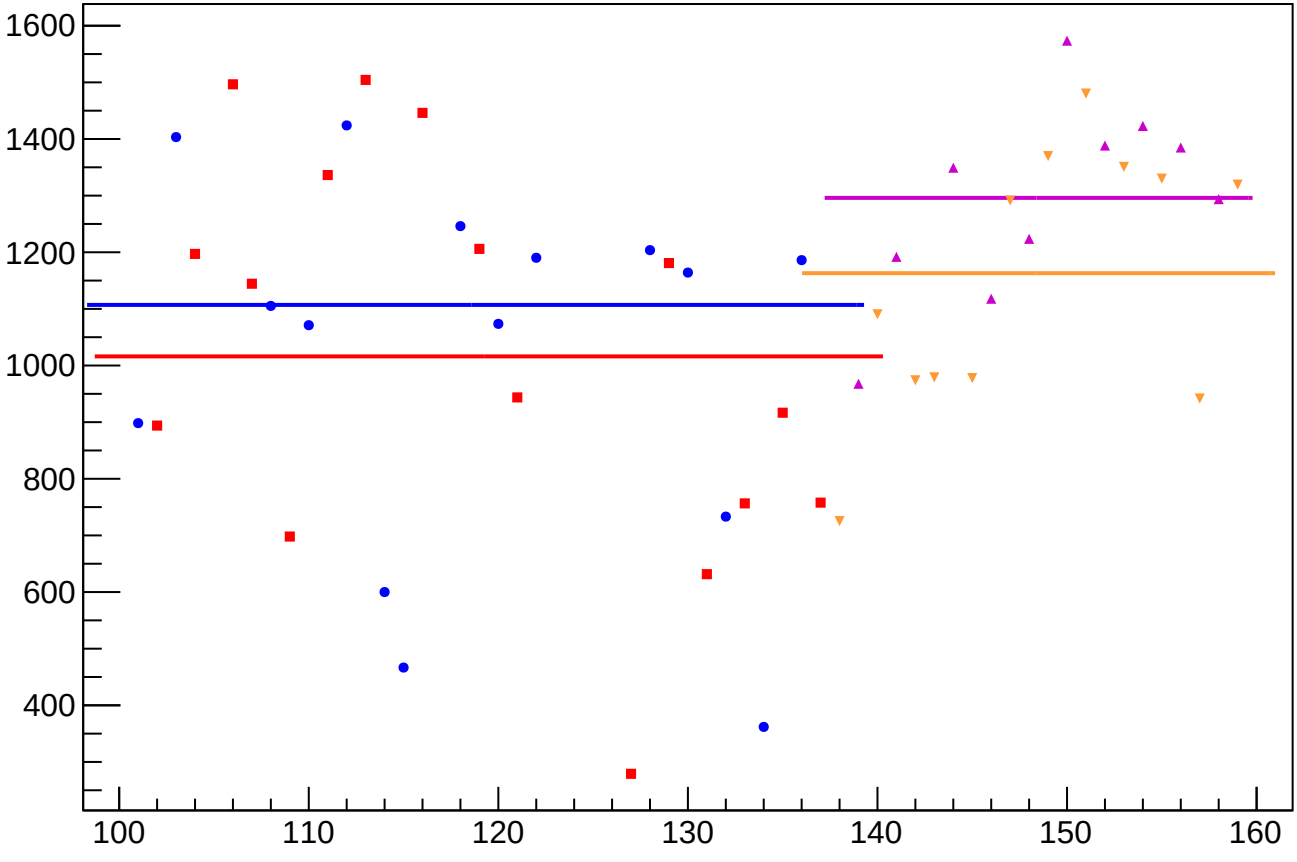
- sign -43020.326+/-0.000 χ^2/NDF: 3793497985561

dit_sam2_coil4_err_mean vs Slug



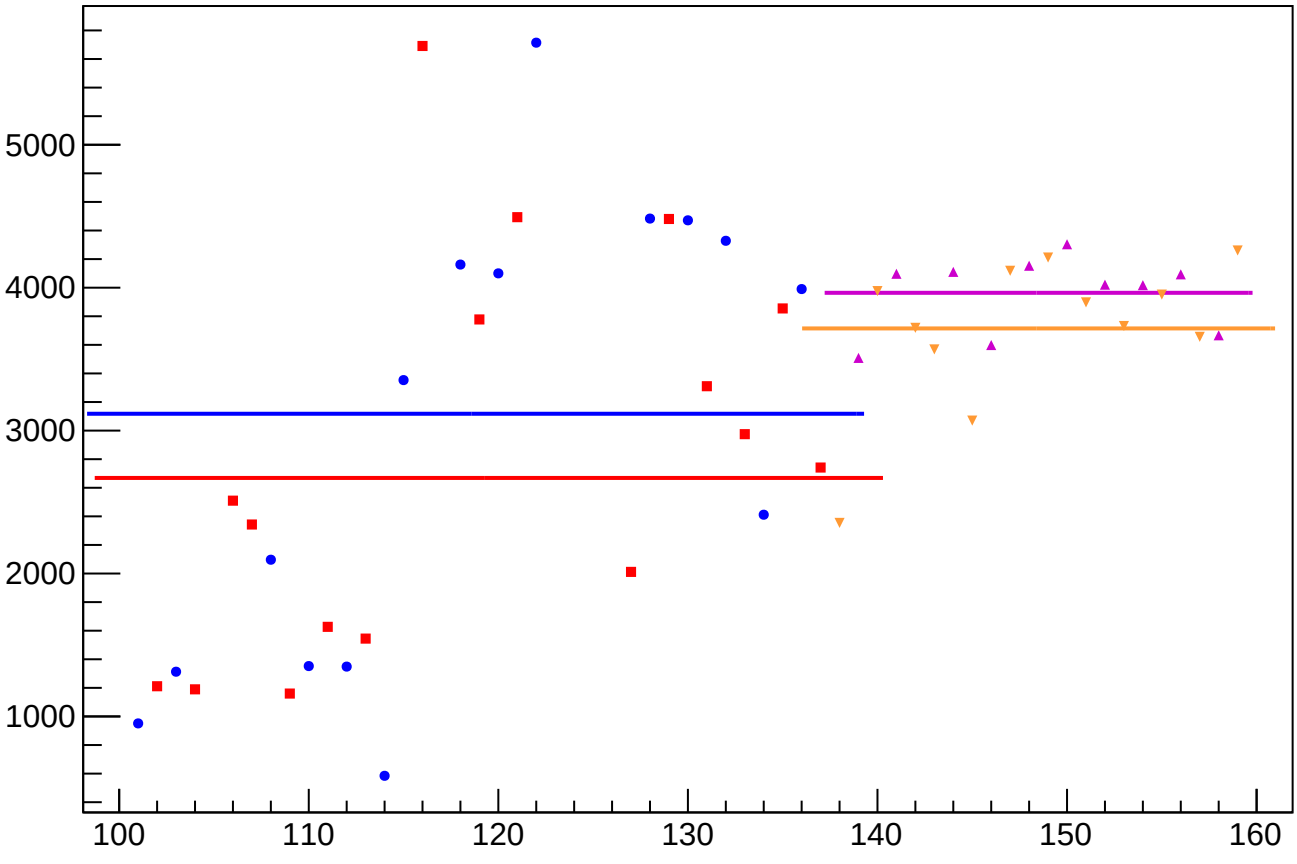
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 952.766+/-0.000 χ^2/NDF: 344202313283542
Left Out: 810.109+/-0.000 χ^2/NDF:4990228962713660160321193432400160358 4.0/11
All: 939.904+/-0.000 χ^2/NDF: 64460865009 3
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 926.627+/-0.000 χ^2/NDF: 299879877758486
Left In: 773.369+/-0.000 χ^2/NDF:2831294917141533979278010125843326566 4.0/9

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

+ sign 3467.491+/-0.000 χ^2/NDF: 19378330855592

Left Out: 3714.902+/-0.000 χ^2/NDF:2496524034929409624753633728821272248 32.0/11

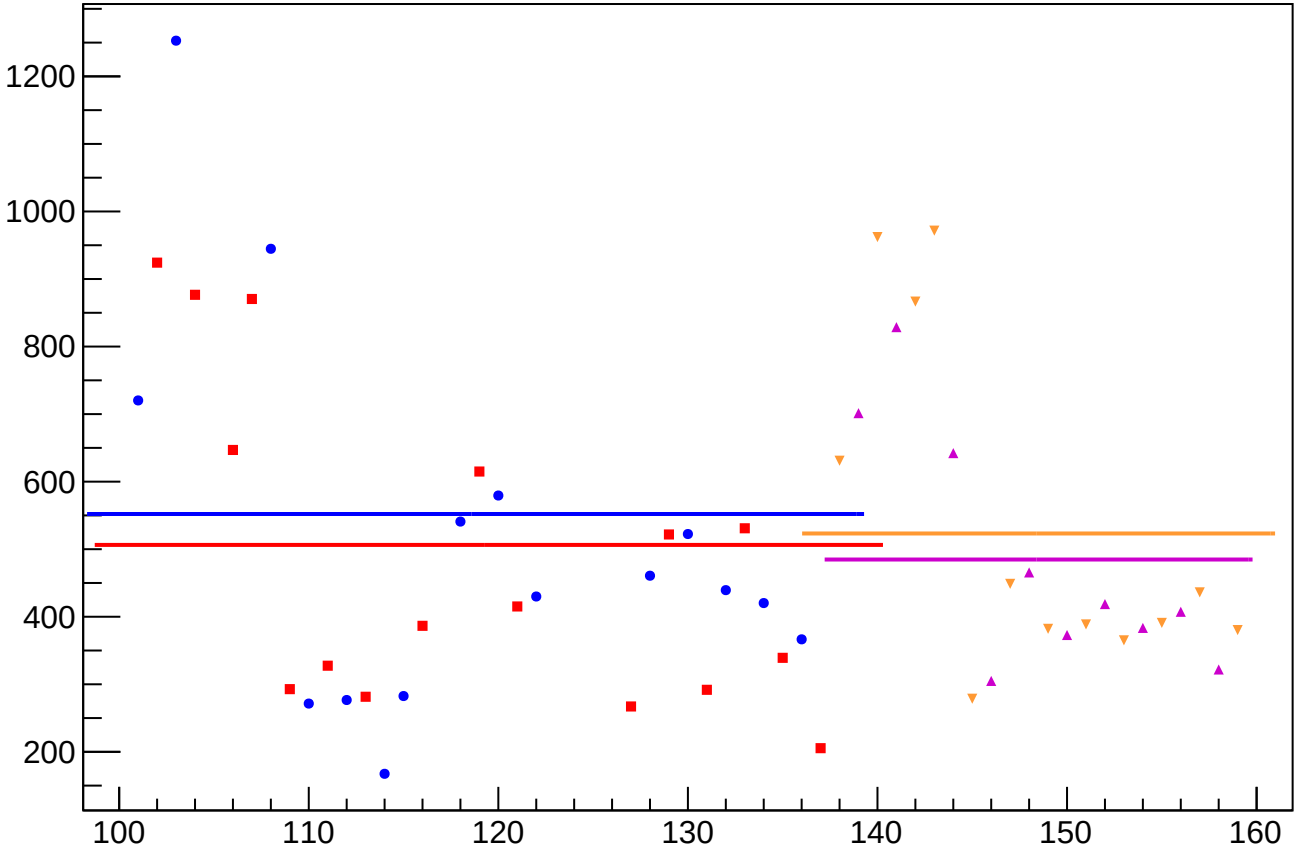
All: 3431.628+/-0.000 χ^2/NDF: 3759295995

Right Out: 2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15

- sign 3394.607+/-0.000 χ^2/NDF: 18173696934308

Left In: 3964.157+/-0.000 χ^2/NDF:5385611993561958392094008693024515 6864.0/9

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 5073904174115911984852398823600186982 4.0/14

Left Out: 523.267+/-0.000 χ^2/NDF:4970286624499209741038683405949494886 4.0/11

Right Out: 506.345+/-0.000 χ^2/NDF: 3718165329731488350165913180601057280 0.0/15

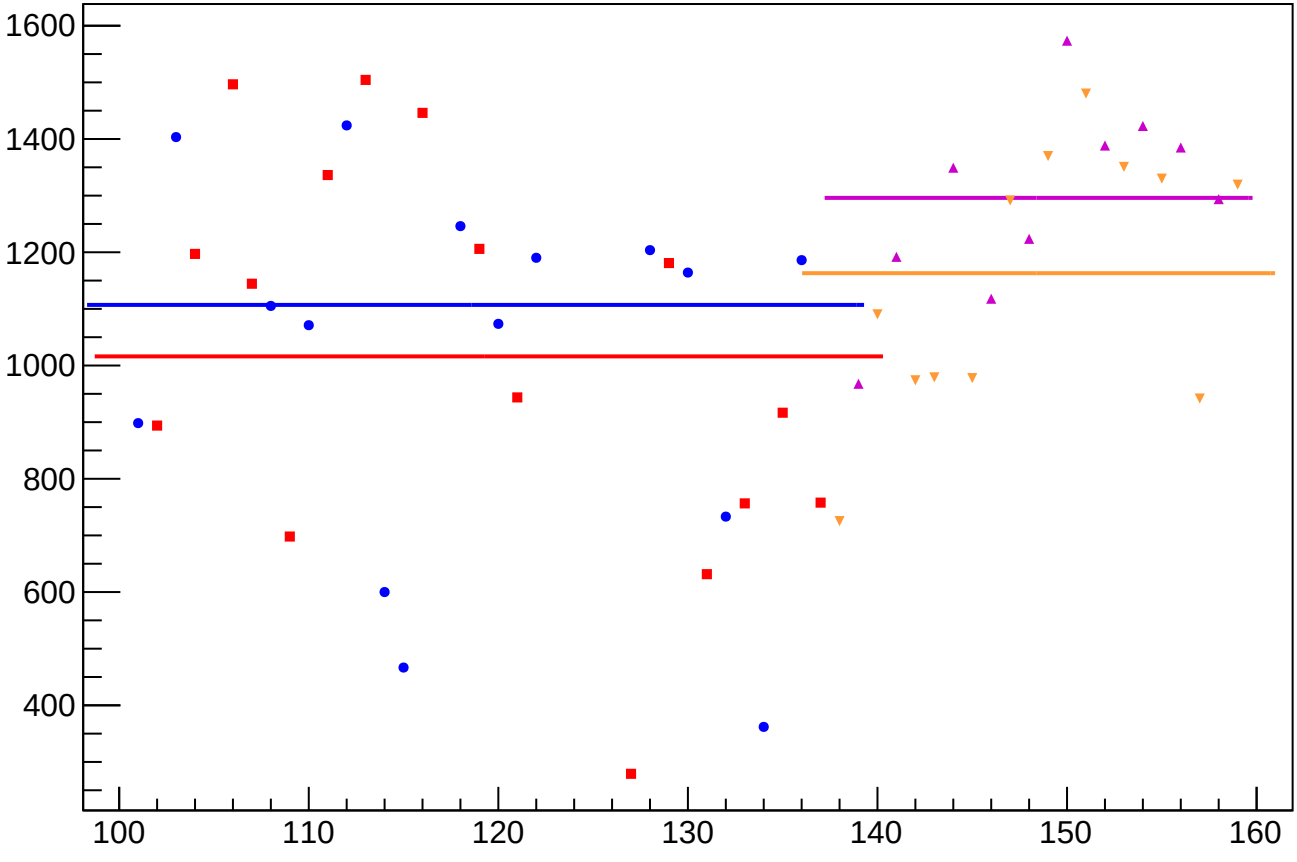
Left In: 484.720+/-0.000 χ^2/NDF:2383720194788150013037645977037989478 4.0/9

+ sign 535.220+/-0.000 χ^2/NDF: 10075802716663 1

All: 515.050+/-0.000 χ^2/NDF: 16324643491 7

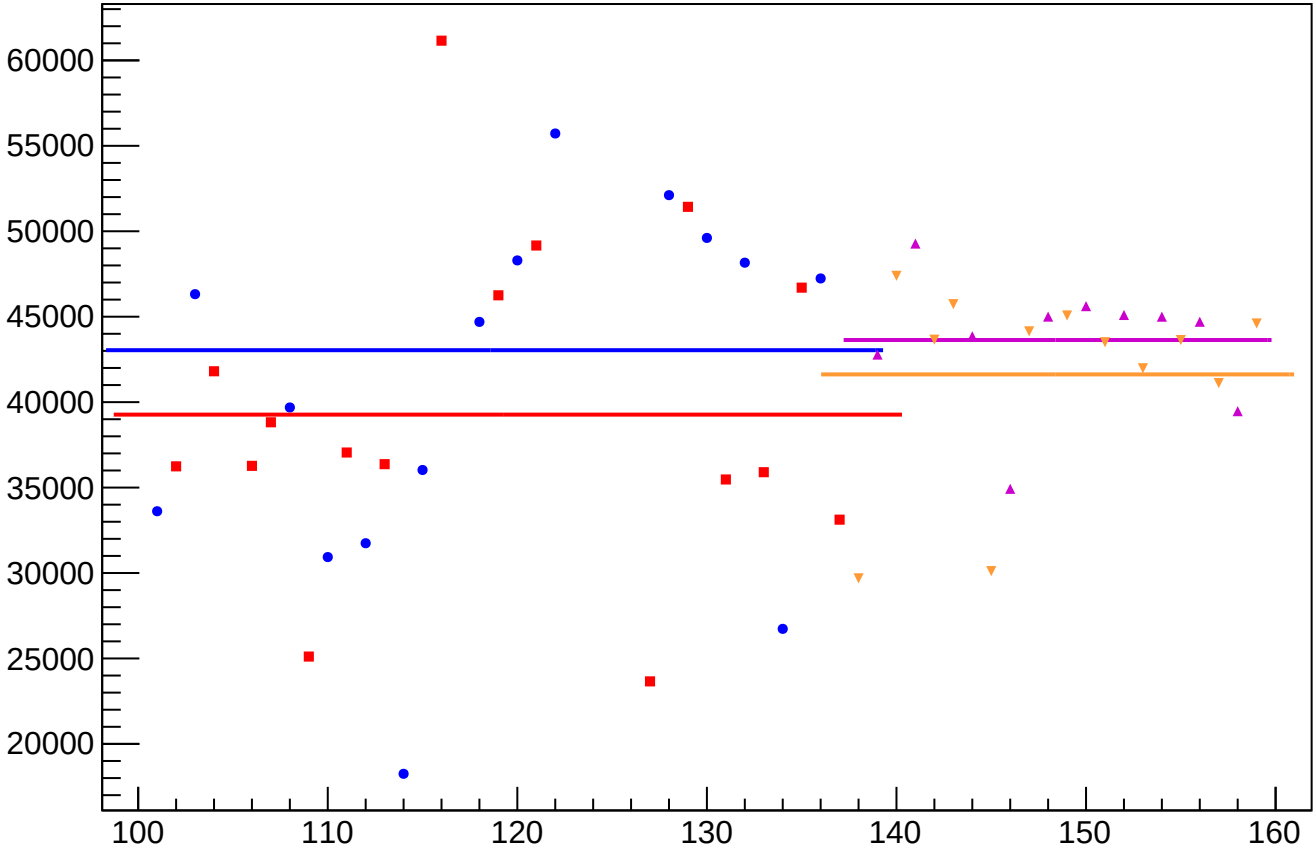
- sign 494.228+/-0.000 χ^2/NDF: 611936372252338

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 41622.622+/-0.000 χ^2/NDF:2872841439772233900337755250428853249638 4.0/11

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

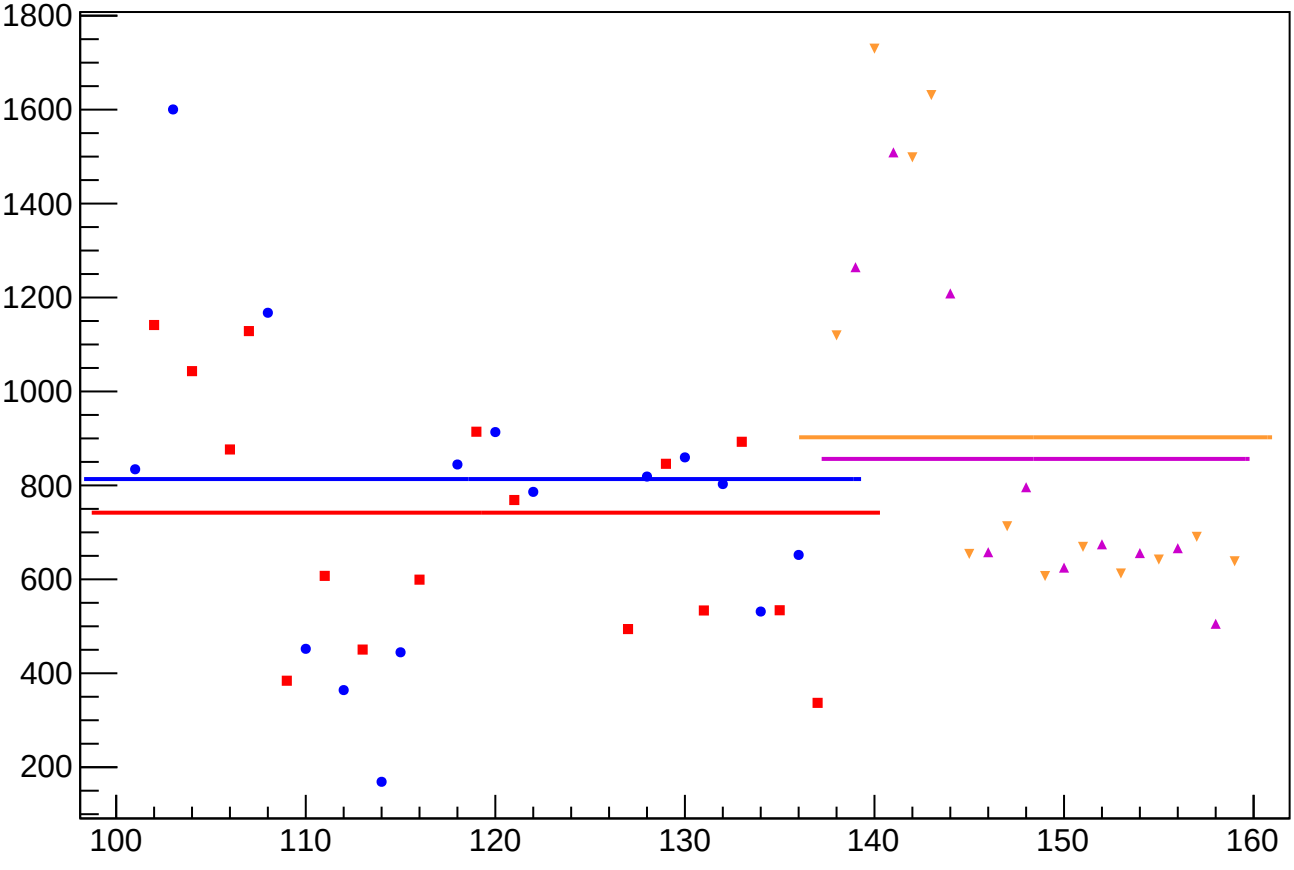
Left In: 43636.048+/-0.000 χ^2/NDF:1142933076394193313404319911160457671475 2.0/9

+ sign 42209.998+/-0.000 χ^2/NDF: 7788886231036

All: 41967.025+/-0.000 χ^2/NDF: 148504535 9

- sign 41716.204+/-0.000 χ^2/NDF: 7042778747610

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 902.421+/-0.000 χ^2/NDF:1527183260740364257606922814228151664 64.0/11

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164569 6.0/15

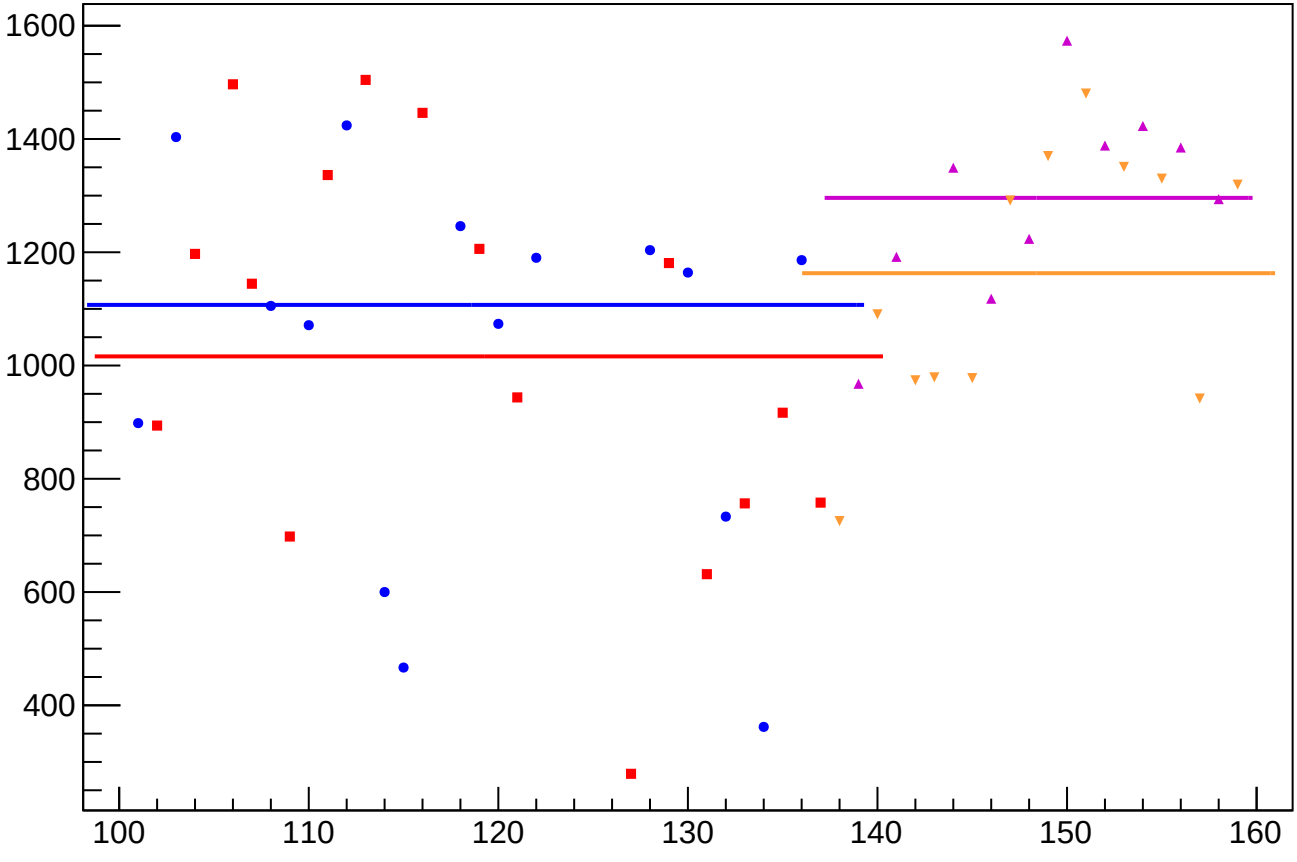
Left In: 856.395+/-0.000 χ^2/NDF:8852332935114040532185840660138636083 2.0/9

+ sign 865.569+/-0.000 χ^2/NDF: 222844128220423

All: 836.287+/-0.000 χ^2/NDF: 36306889350 4

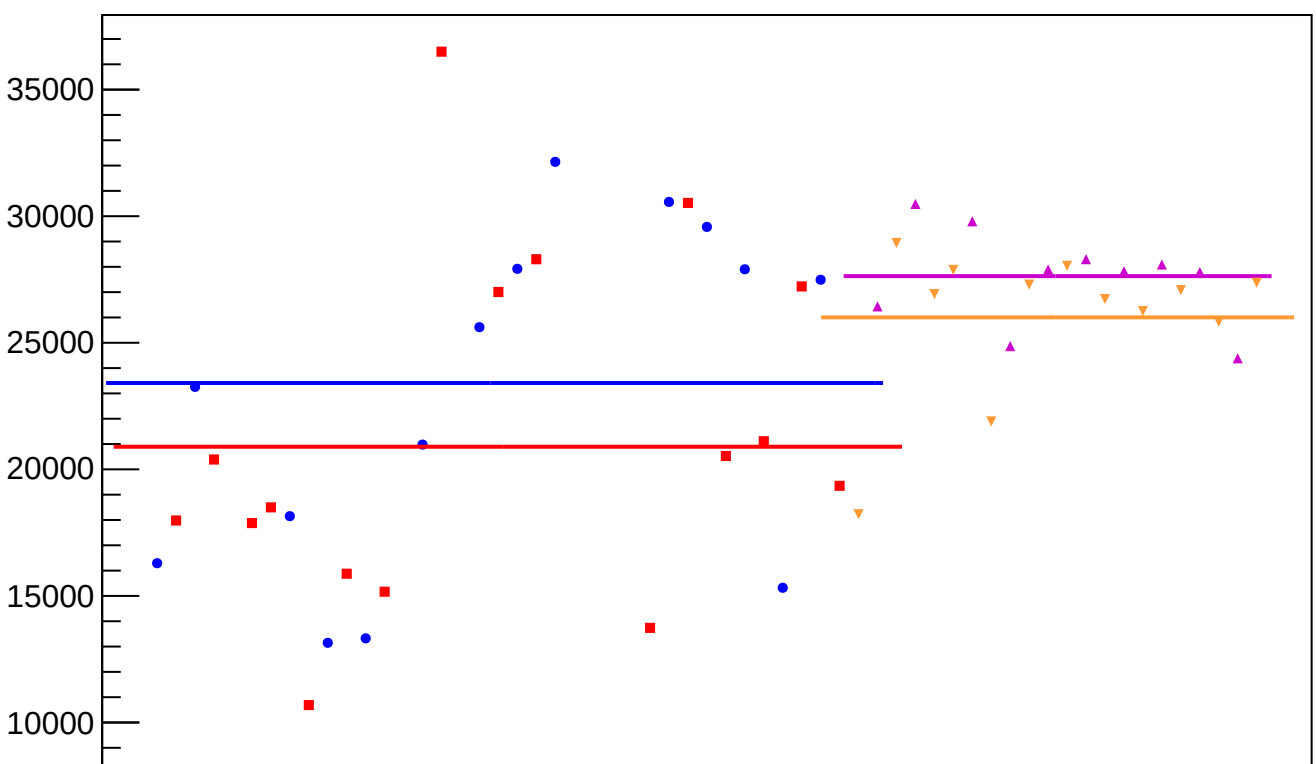
- sign 806.058+/-0.000 χ^2/NDF: 137495766728413

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 26004.082+/-0.000 χ^2/NDF:7839626408572155503333833682521065259008.0/11

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

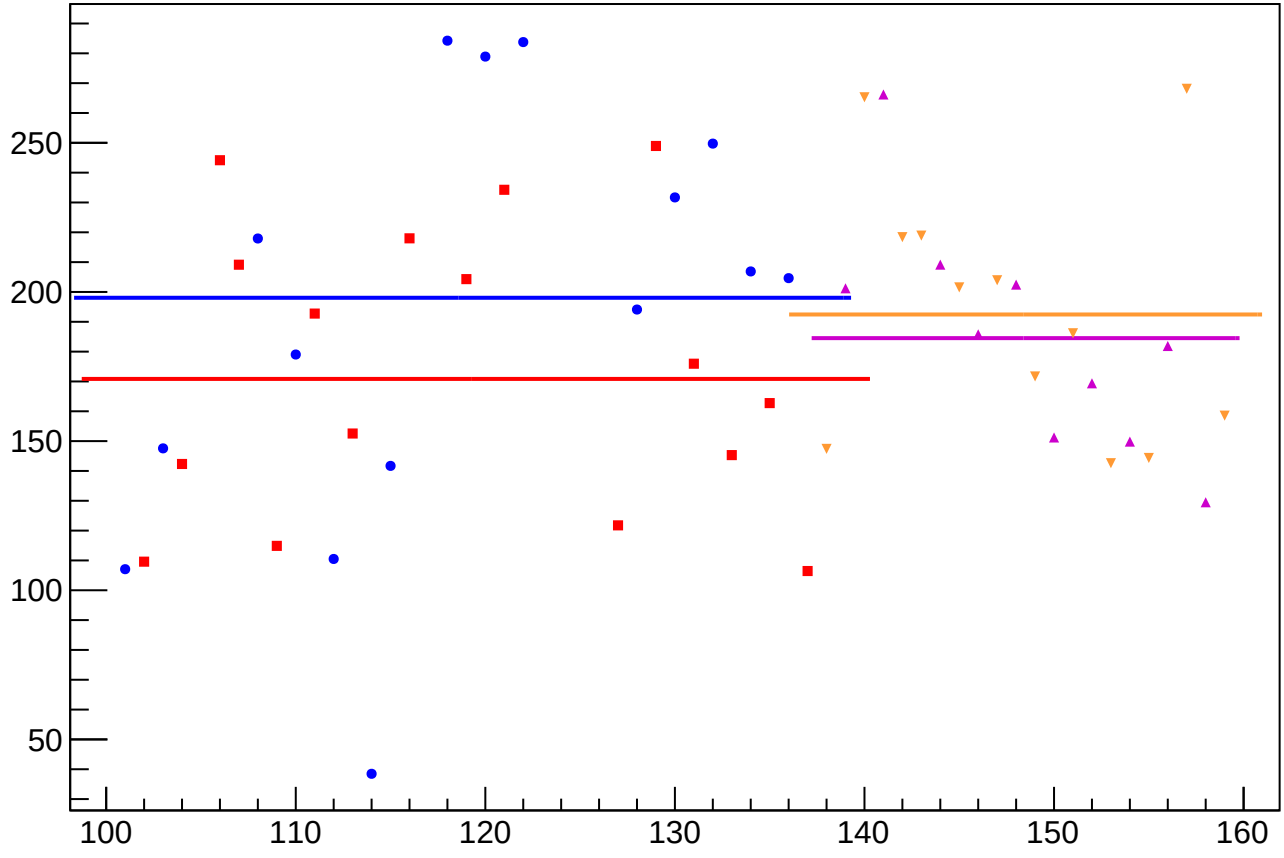
Left In: 27632.659+/-0.000 χ^2/NDF:2783418668320667126159563265788054863872.0/9

+ sign 24929.637+/-0.000 χ^2/NDF: 3882146204538

All: 24801.800+/-0.000 χ^2/NDF: 8603619215

- sign 24669.835+/-0.000 χ^2/NDF: 4716271996486

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 192.452+/-0.000 χ^2/NDF:1667687947841400069416399021327515648.0/11

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

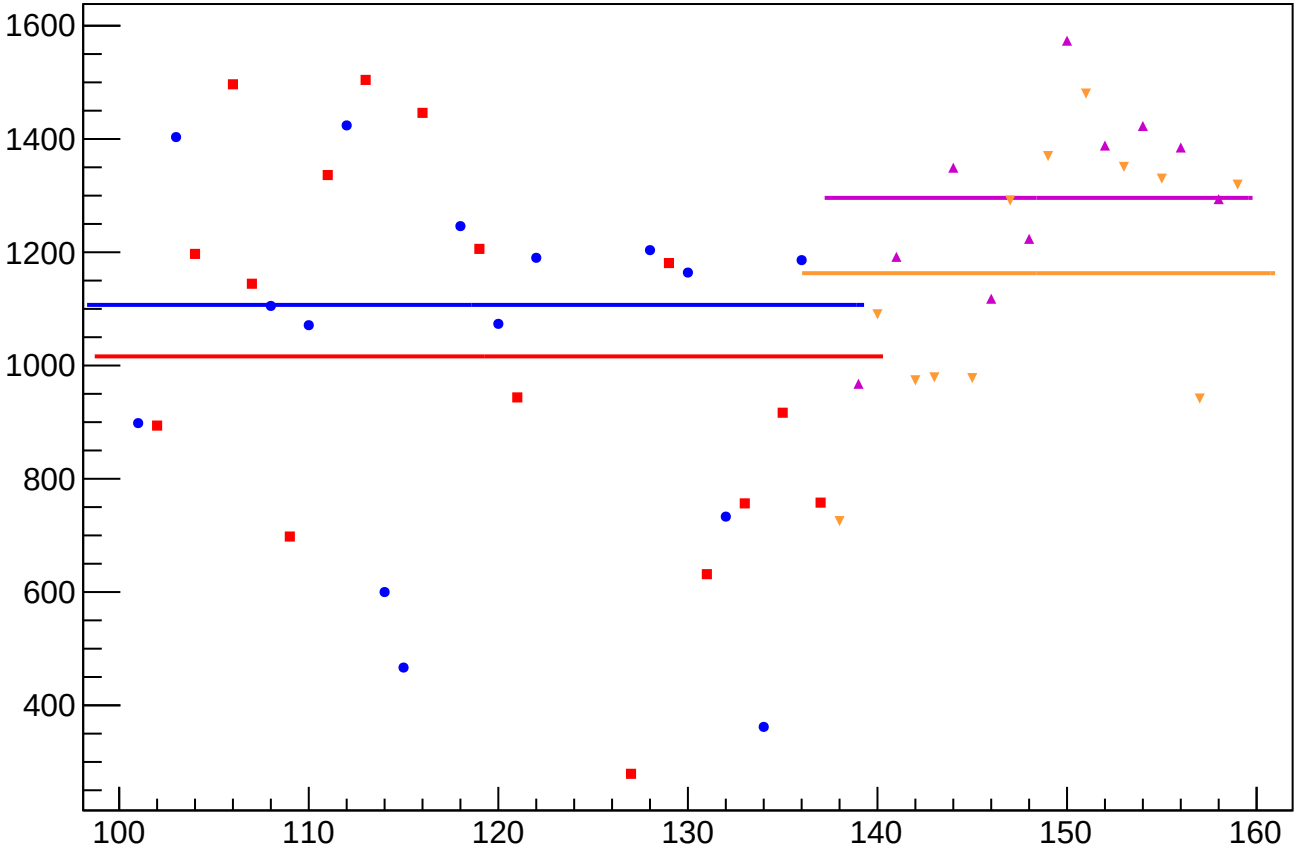
Left In: 184.523+/-0.000 χ^2/NDF:1144639780252590594649768746230480896.0/9

+ sign 194.774+/-0.000 χ^2/NDF: 416254991796562

All: 186.772+/-0.000 χ^2/NDF: 699914692944

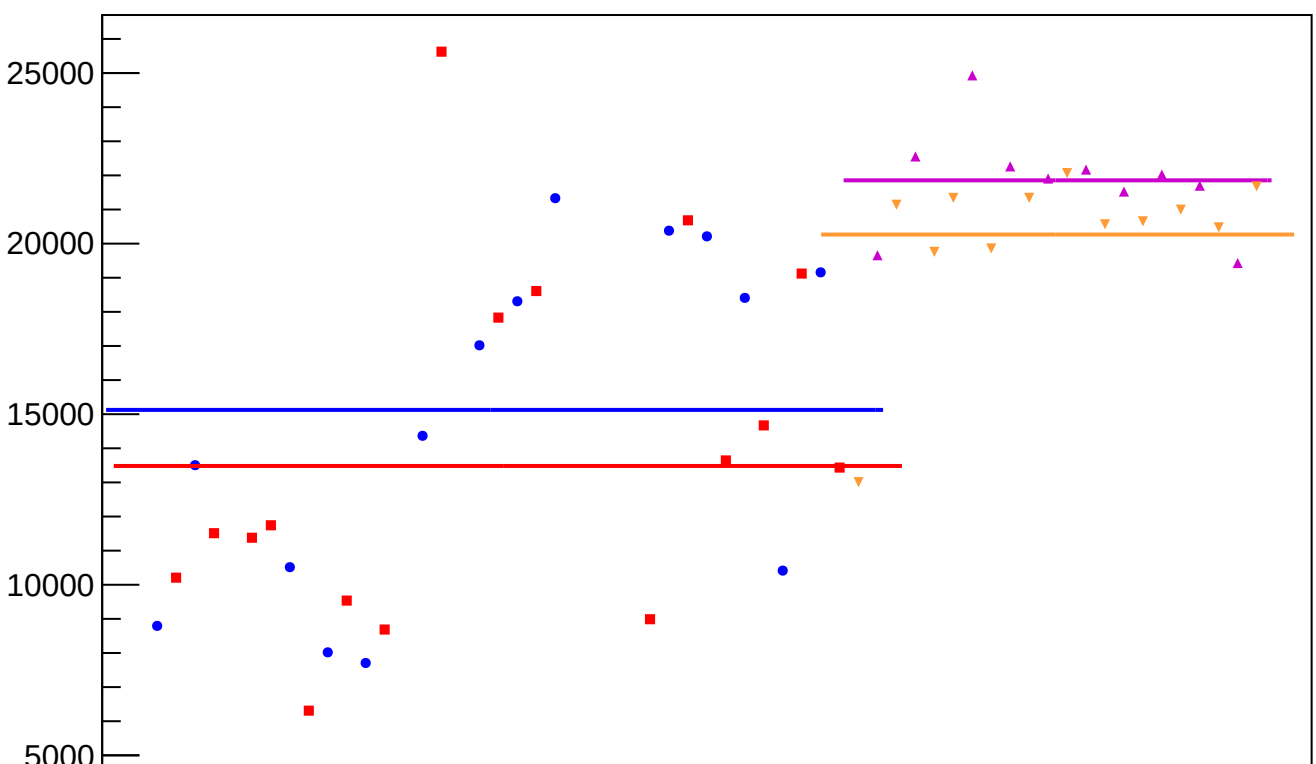
- sign 178.512+/-0.000 χ^2/NDF: 263281117097632

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Left Out: 20266.540+/-0.000 χ^2/NDF:486366022475247073917224269545411182592 0.0/11

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

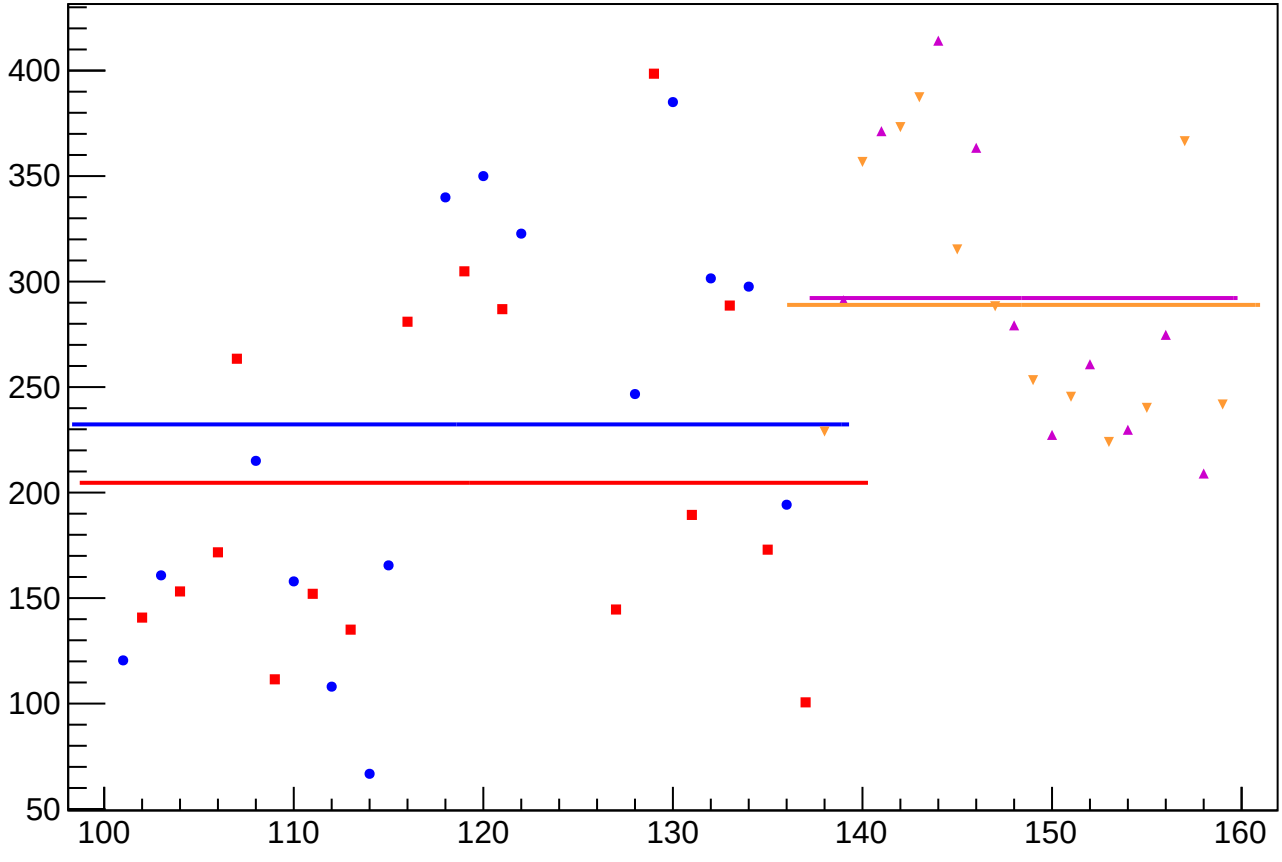
Left In: 21855.226+/-0.000 χ^2/NDF:17875922752452257070104558992265052160 00.0/9

+ sign 18136.069+/-0.000 χ^2/NDF: 3152220068910

All: 18154.617+/-0.000 χ^2/NDF: 7542241336

- sign 18173.764+/-0.000 χ^2/NDF: 4389911778771

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 288.949+/-0.000 χ^2/NDF:3144080021405635930356092886432350208.0/11

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

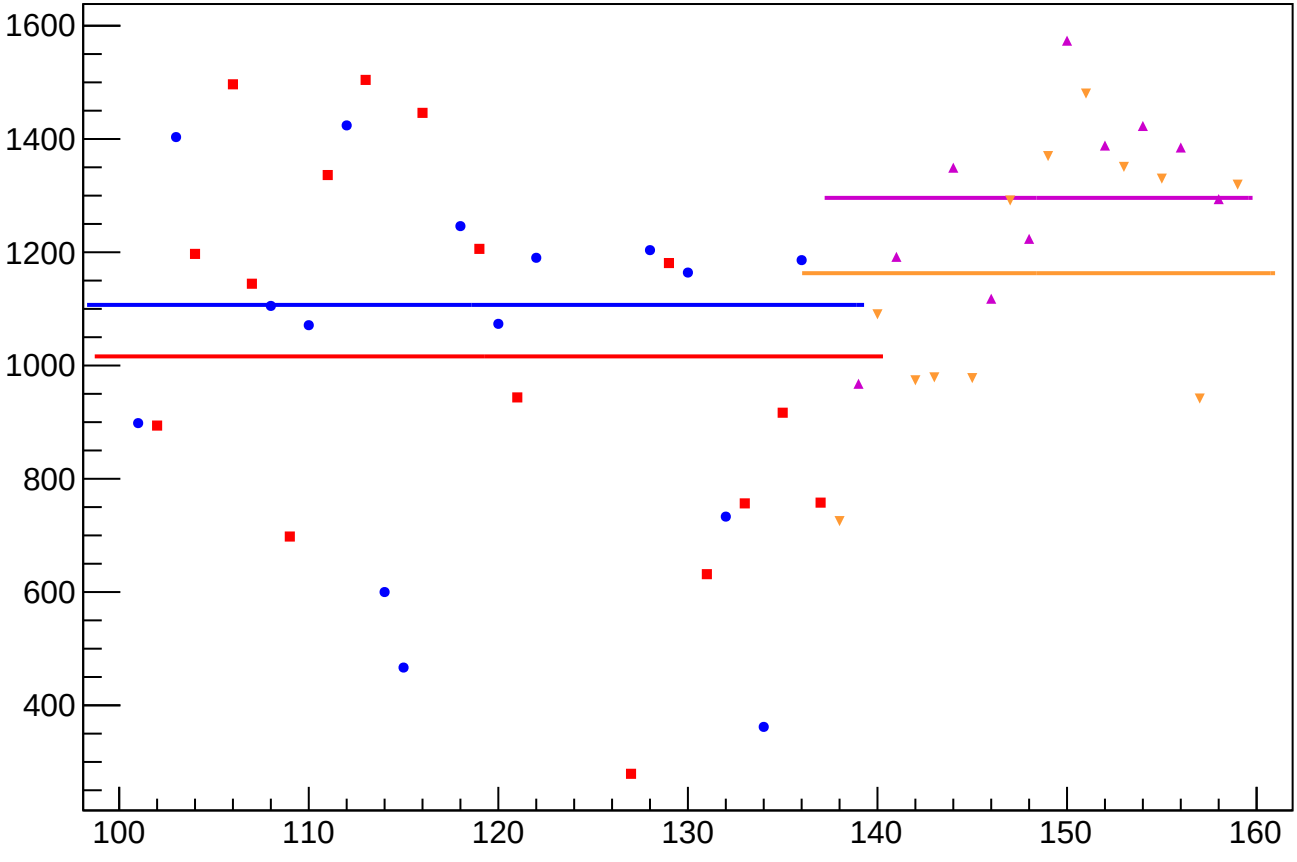
Left In: 292.203+/-0.000 χ^2/NDF:3690556831892914723066513376805912576.0/9

+ sign 265.477+/-0.000 χ^2/NDF: 984130462925206

All: 259.683+/-0.000 χ^2/NDF: 21059443023

- sign 253.702+/-0.000 χ^2/NDF: 111112962561662

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

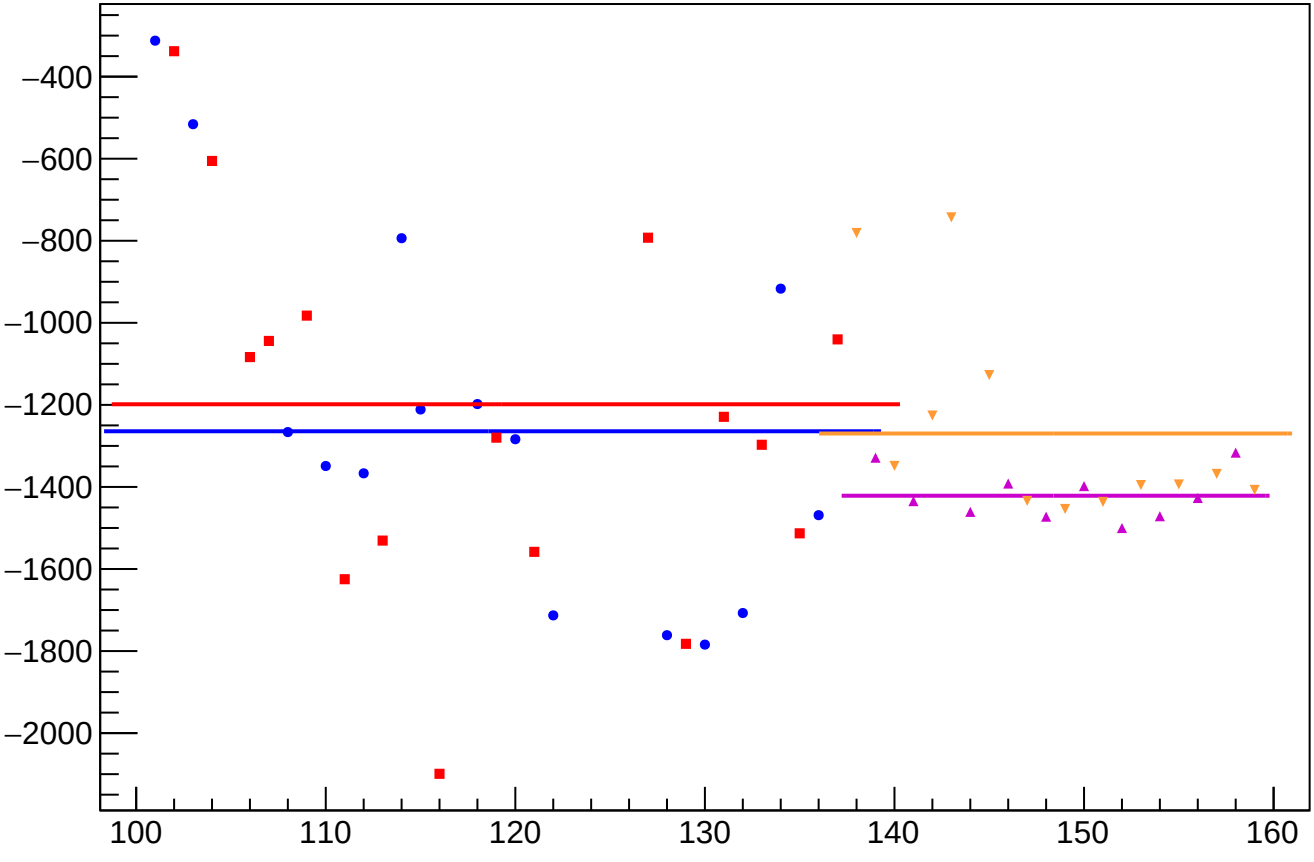
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3

All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6

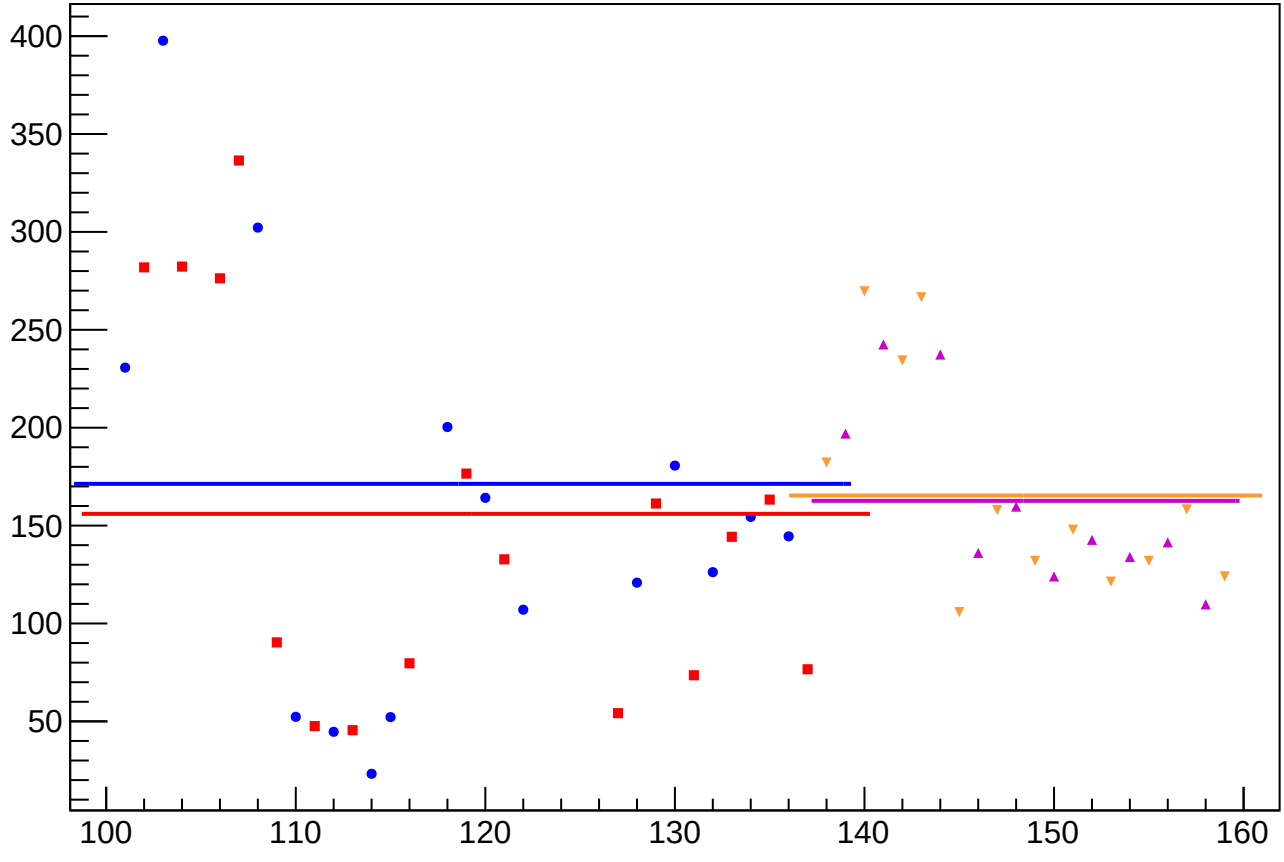
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1267.489+/-0.000 χ^2/NDF: 1916376137818
Left Out: -1269.744+/-0.000 χ^2/NDF:5141110974922071048895626105563434188 8.0/11
All: -1295.001+/-0.000 χ^2/NDF: 3466350517
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1323.402+/-0.000 χ^2/NDF: 1525884732647 4
Left In: -1421.426+/-0.000 χ^2/NDF:2847955919513947010630233595532279808.0/9

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 165.375+/-0.000 χ^2/NDF:262233535117478580327927127628106956 8.0/11

Right Out: 155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15

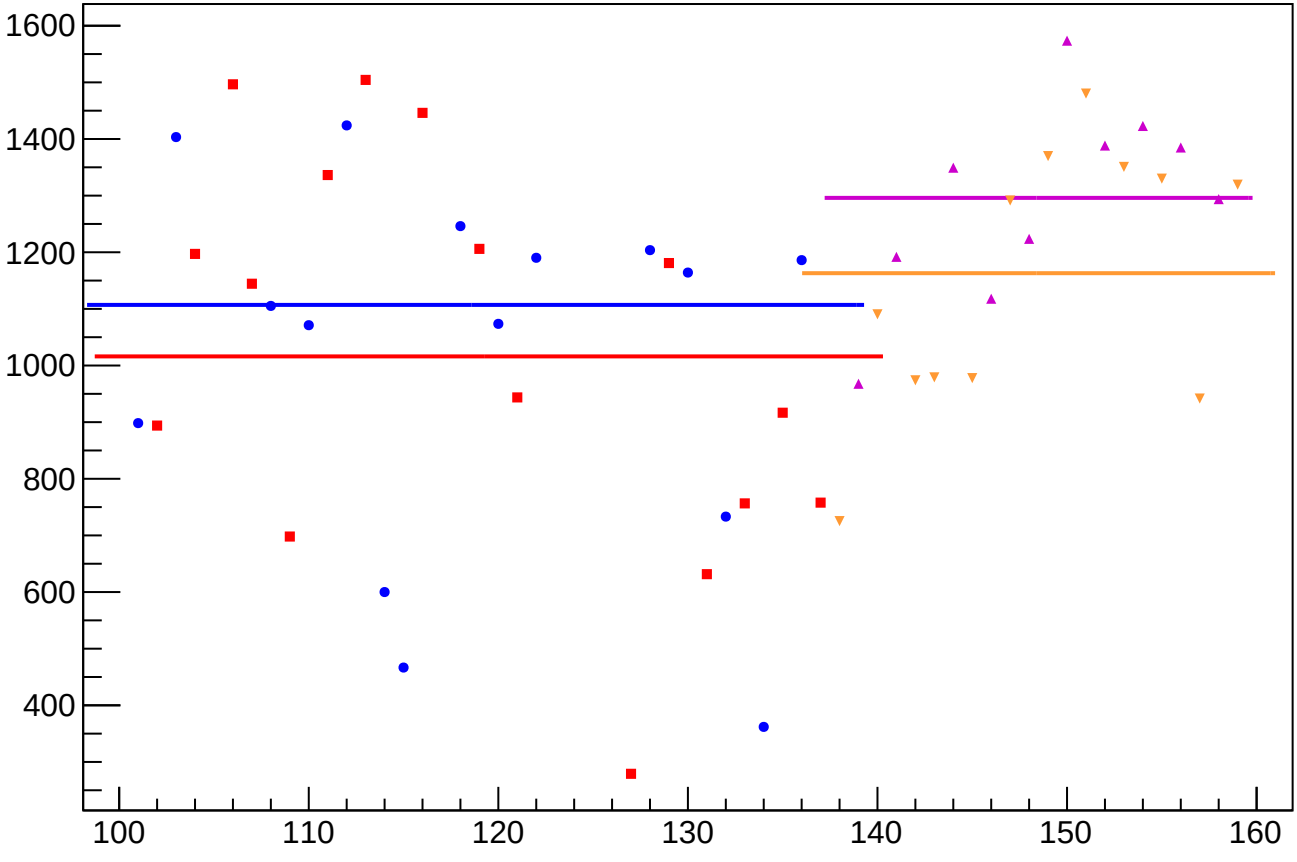
Left In: 162.632+/-0.000 χ^2/NDF:170016052859723719944880038632803532 8.0/9

+ sign 167.840+/-0.000 χ^2/NDF: 875675526414248

All: 163.841+/-0.000 χ^2/NDF: 16204932672 7

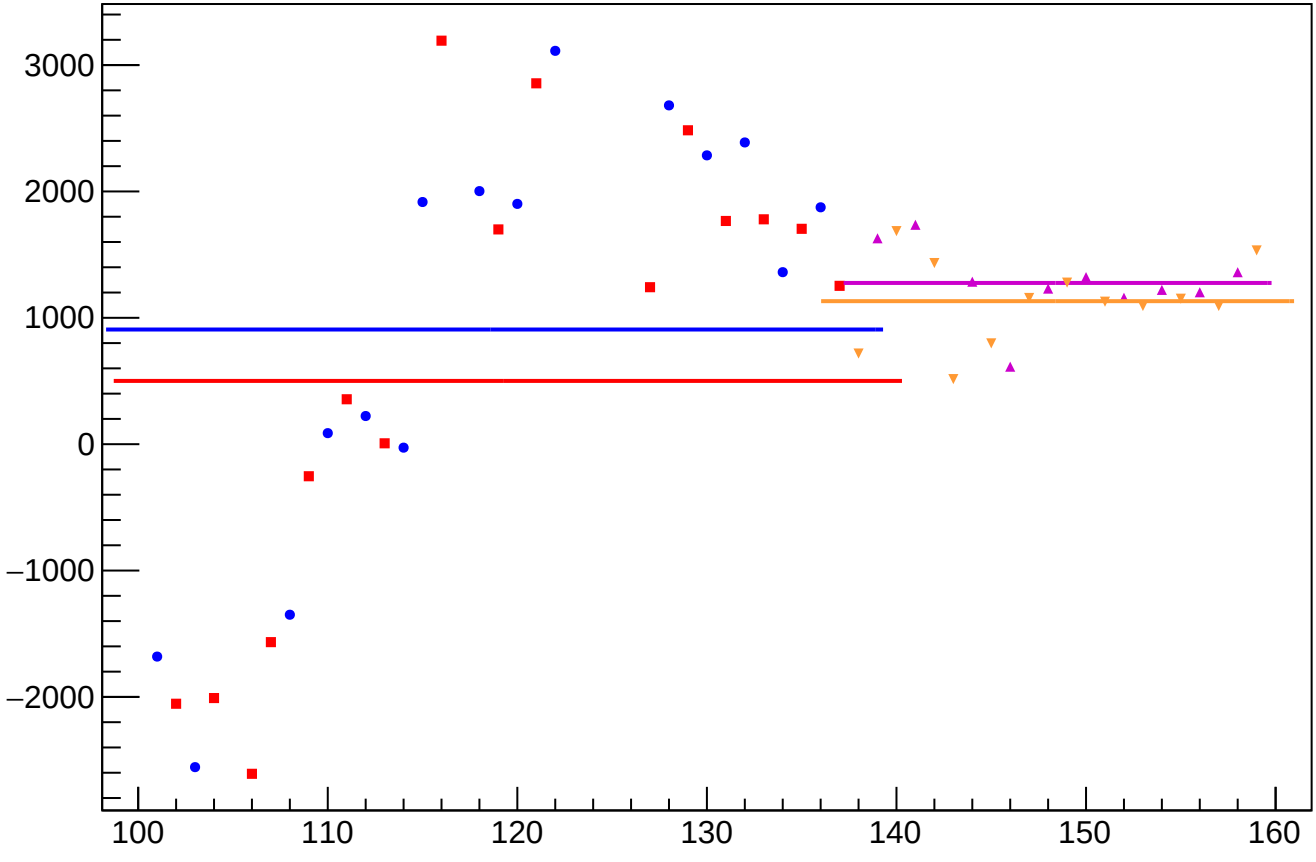
- sign 159.713+/-0.000 χ^2/NDF: 739729141801969

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0
Left In: 1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

+ sign 1038.815+/-0.000 χ^2/NDF: 2218694130274

Left Out: 1131.794+/-0.000 χ^2/NDF:9232746431894252930207975420498385305 6.0/11

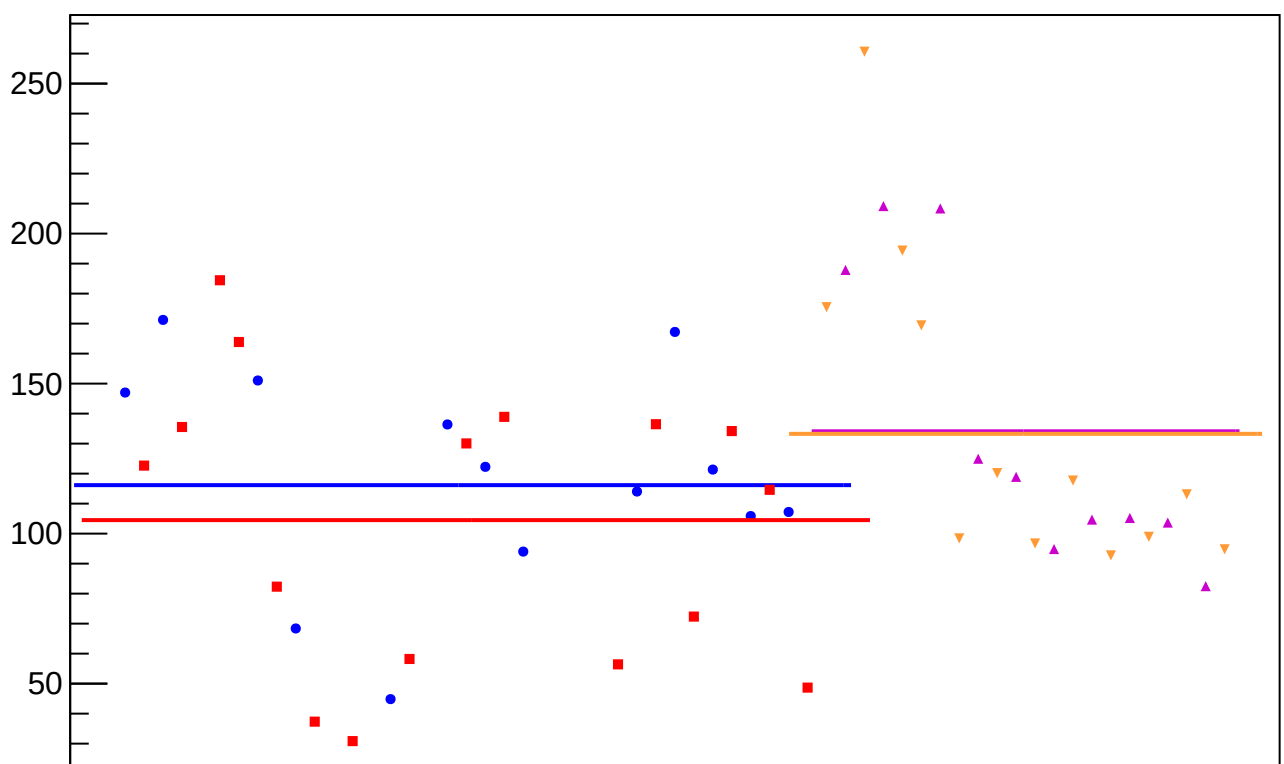
All: 987.778+/-0.000 χ^2/NDF: 45932728303

Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

- sign 935.092+/-0.000 χ^2/NDF: 236628858081681

Left In: 1275.970+/-0.000 χ^2/NDF:6742038862182835529460340685110719 2832.0/9

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 133.258+/-0.000 χ^2/NDF:235551069930953917249044474434997 4528.0/11

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

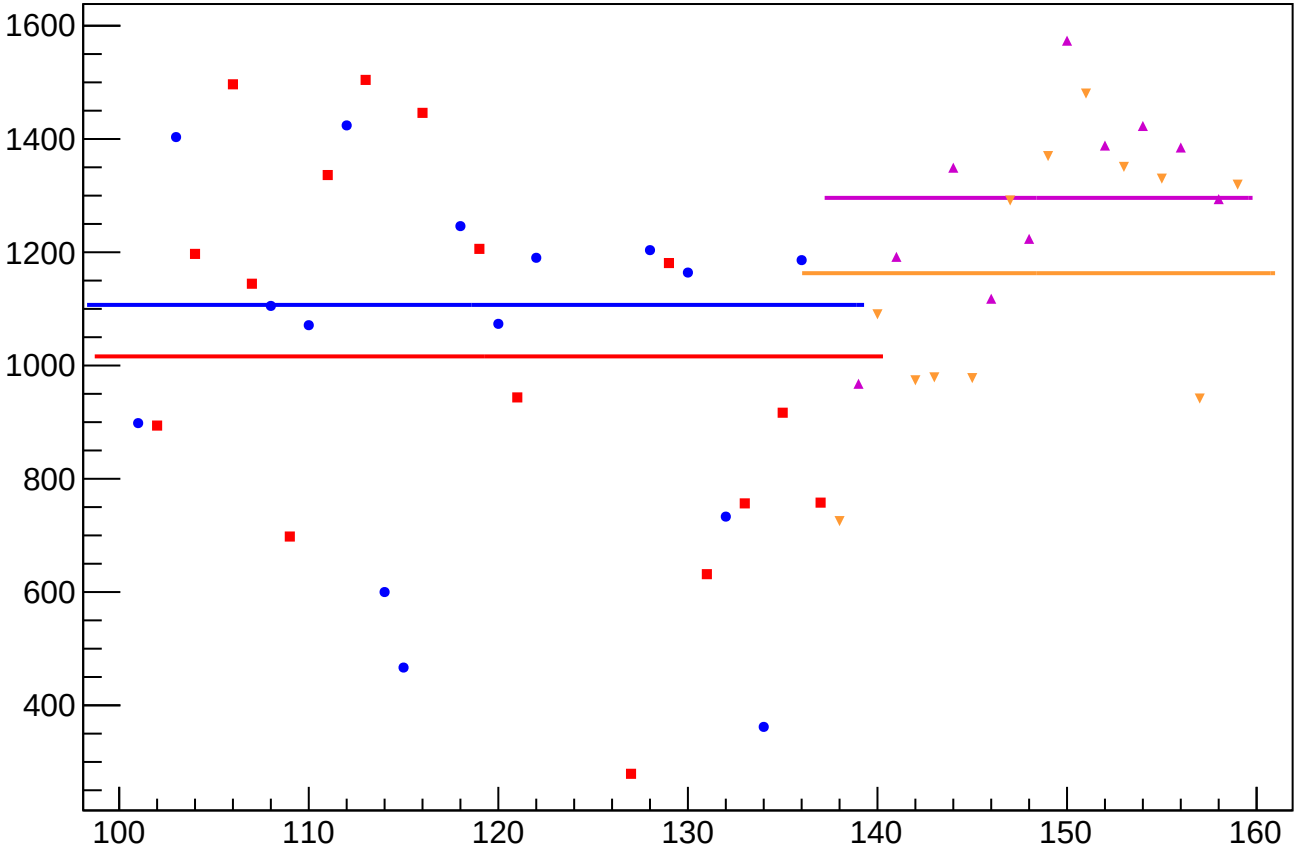
Left In: 134.100+/-0.000 χ^2/NDF:1810391344608745032936292443754594304.0/9

+ sign 126.172+/-0.000 χ^2/NDF: 366514873637822

All: 123.669+/-0.000 χ^2/NDF: 71088984632 5

- sign 121.086+/-0.000 χ^2/NDF: 342381673248309

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

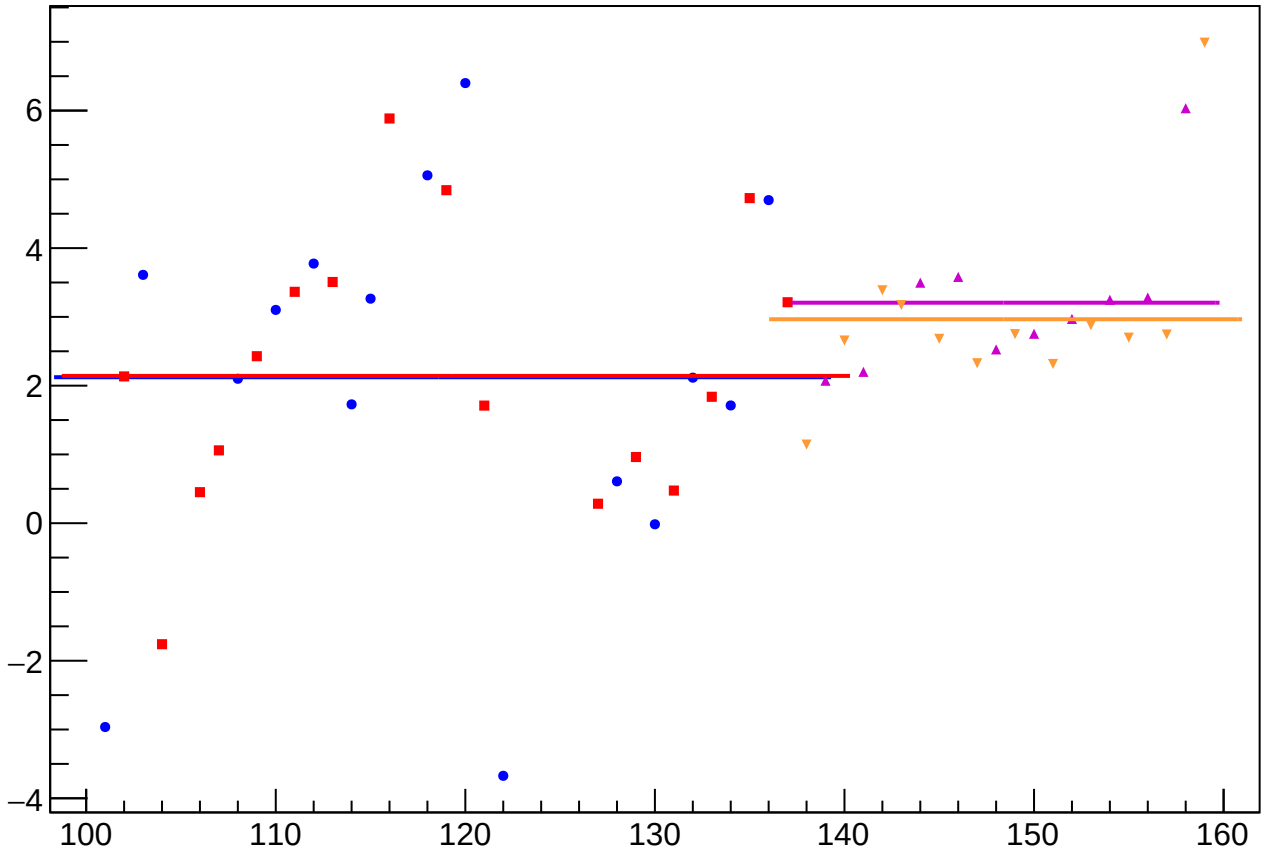
Left In: 1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3

All: 1156.136+/-0.000 χ^2/NDF: 2130622952 6

- sign 1172.955+/-0.000 χ^2/NDF: 1246471696978 0

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

+ sign 2.616+/-0.000 χ^2/NDF: 7190788922017080 7

Left Out: 2.966+/-0.000 χ^2/NDF:1657147599544170270871306245242880.0/11

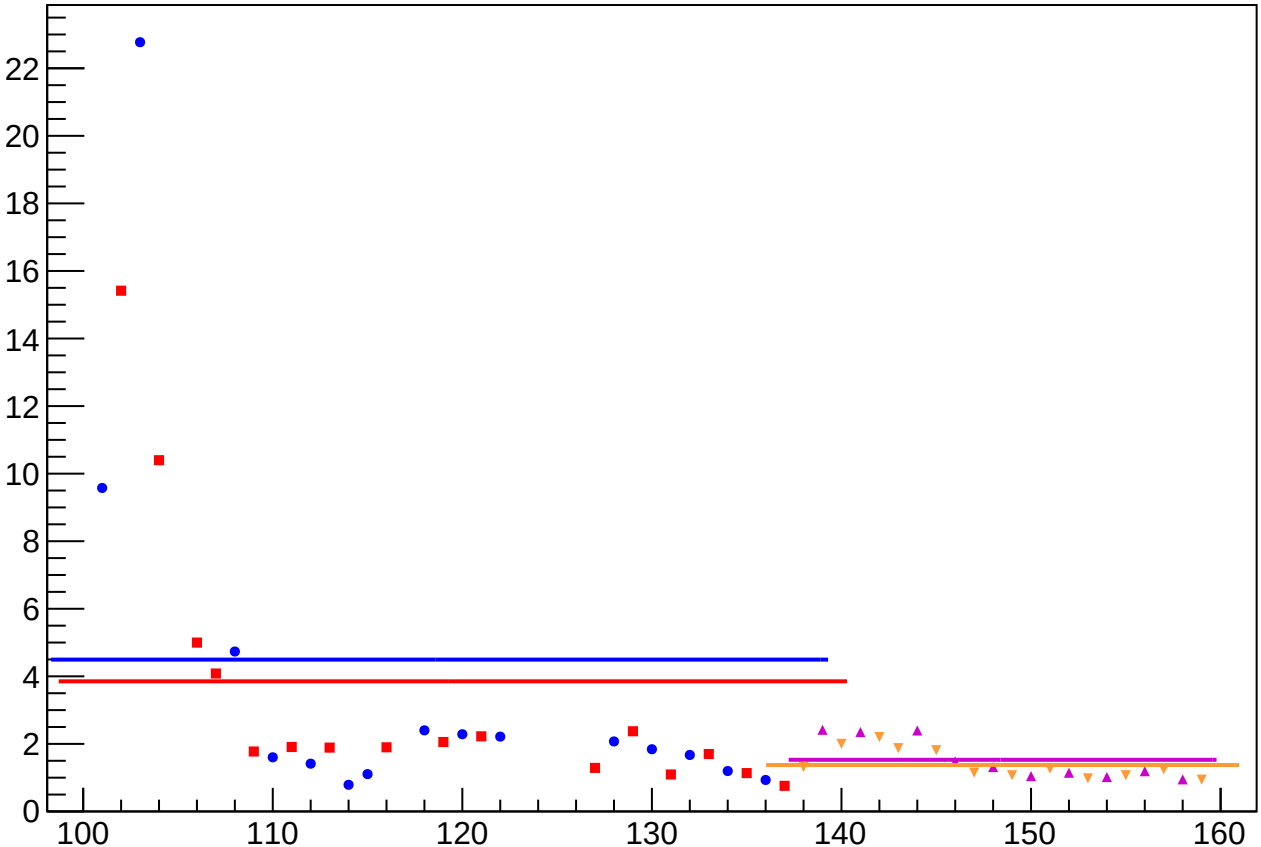
All: 2.676+/-0.000 χ^2/NDF: 1101849848219 2

Right Out: 2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

- sign 2.738+/-0.000 χ^2/NDF: 3816267827134252 9

Left In: 3.206+/-0.000 χ^2/NDF:919828215212399500006921674424320.0/9

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 2.668+/-0.000 χ^2/NDF: 2911658258177645 4

Left Out: 1.375+/-0.000 χ^2/NDF:1458241370571230983290321486479 36.0/11

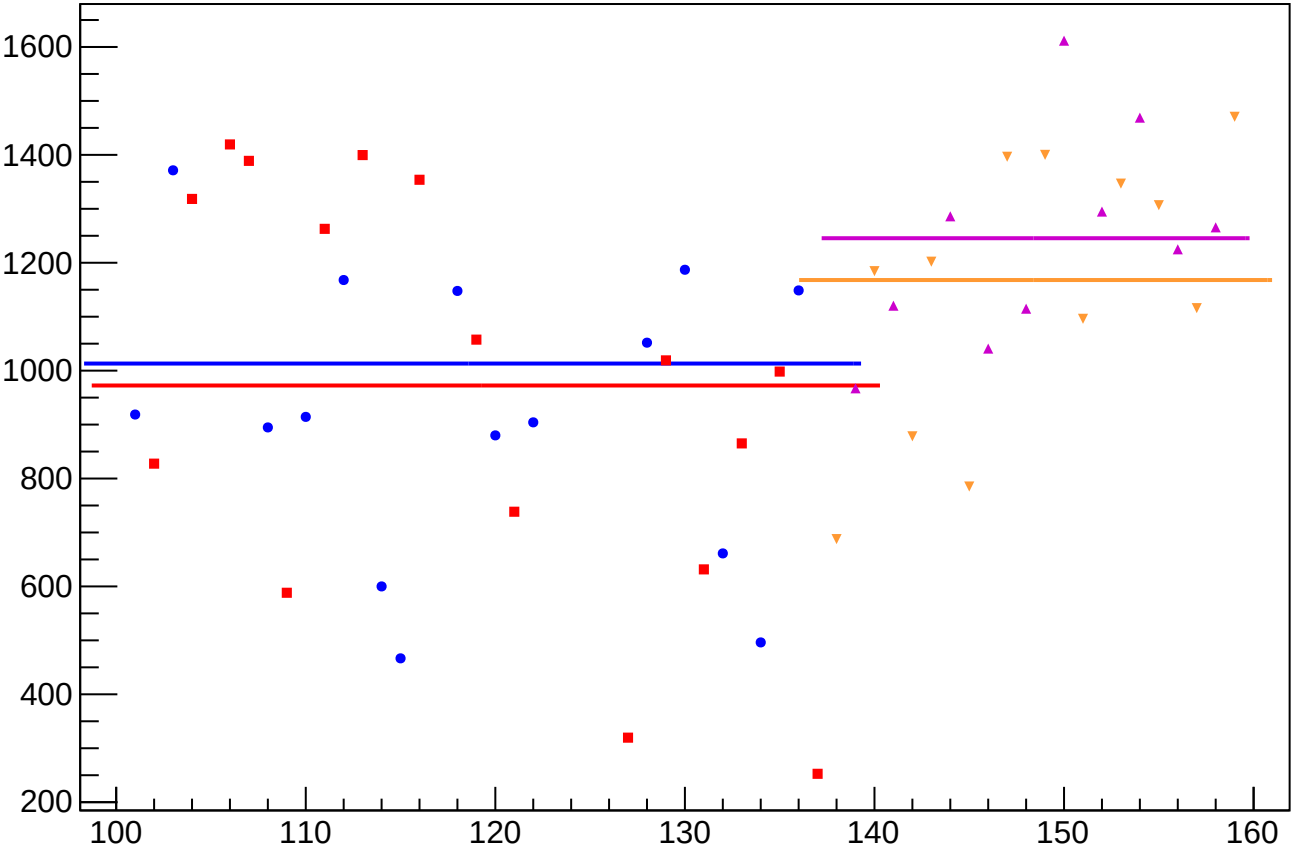
All: 2.610+/-0.000 χ^2/NDF: 4374490270369 1

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.551+/-0.000 χ^2/NDF: 1461775911396137 2

Left In: 1.529+/-0.000 χ^2/NDF:2861291009675370244569982482513 92.0/9

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

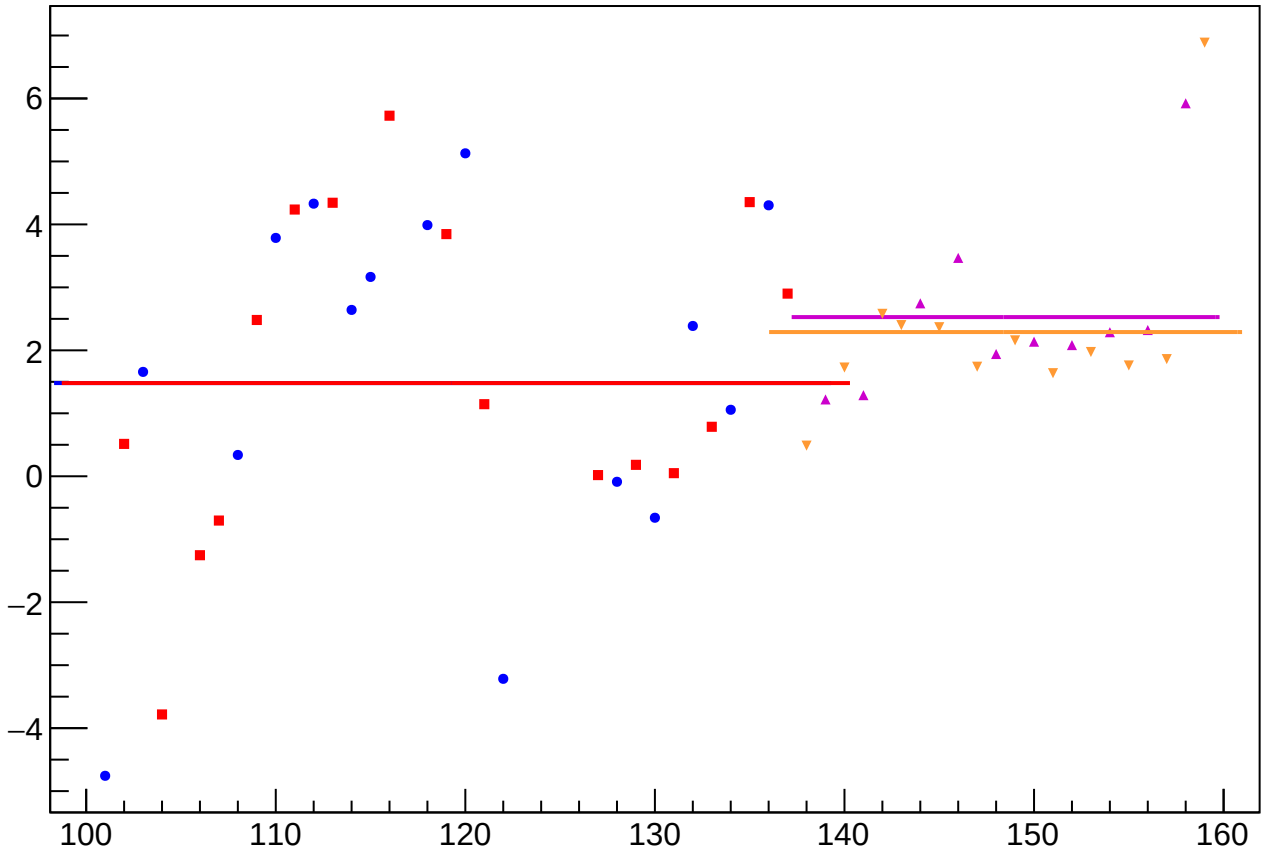
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272

All: 1114.456+/-0.000 χ^2/NDF: 2321310866

- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 2.290+/-0.000 χ^2/NDF:2078203934623339407466741505196032.0/11

Right Out: 1.480+/-0.000 χ^2/NDF: 4092645800613765572662987820367872.0/15

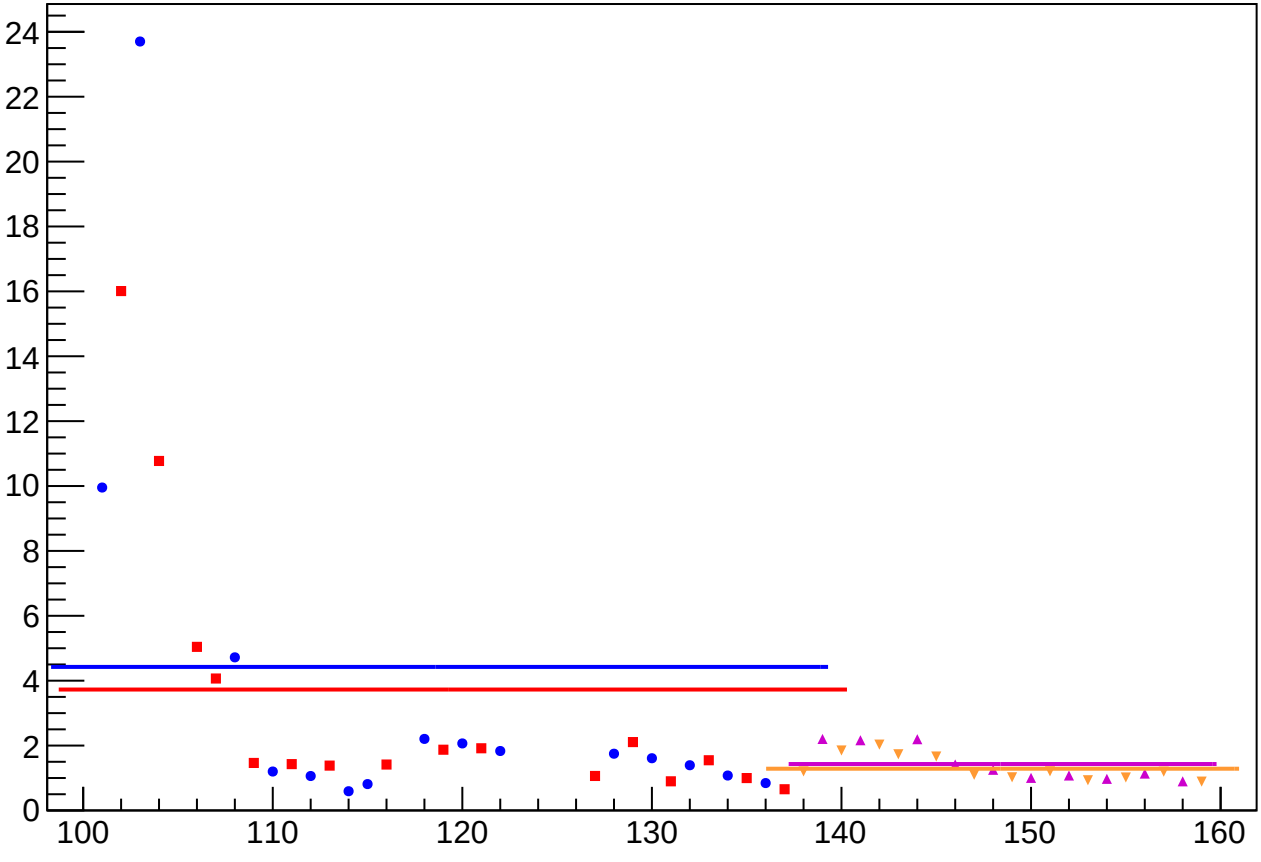
Left In: 2.528+/-0.000 χ^2/NDF:1349044961780870758465859766714368.0/9

+ sign 1.955+/-0.000 χ^2/NDF: 8127503128430705 8

All: 2.010+/-0.000 χ^2/NDF: 1398935575546 8

- sign 2.067+/-0.000 χ^2/NDF: 5852047751805717 7

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 2.587+/-0.000 χ^2/NDF: 32115021501511057

Left Out: 1.287+/-0.000 χ^2/NDF:1155727104259745420148263553597 44.0/11

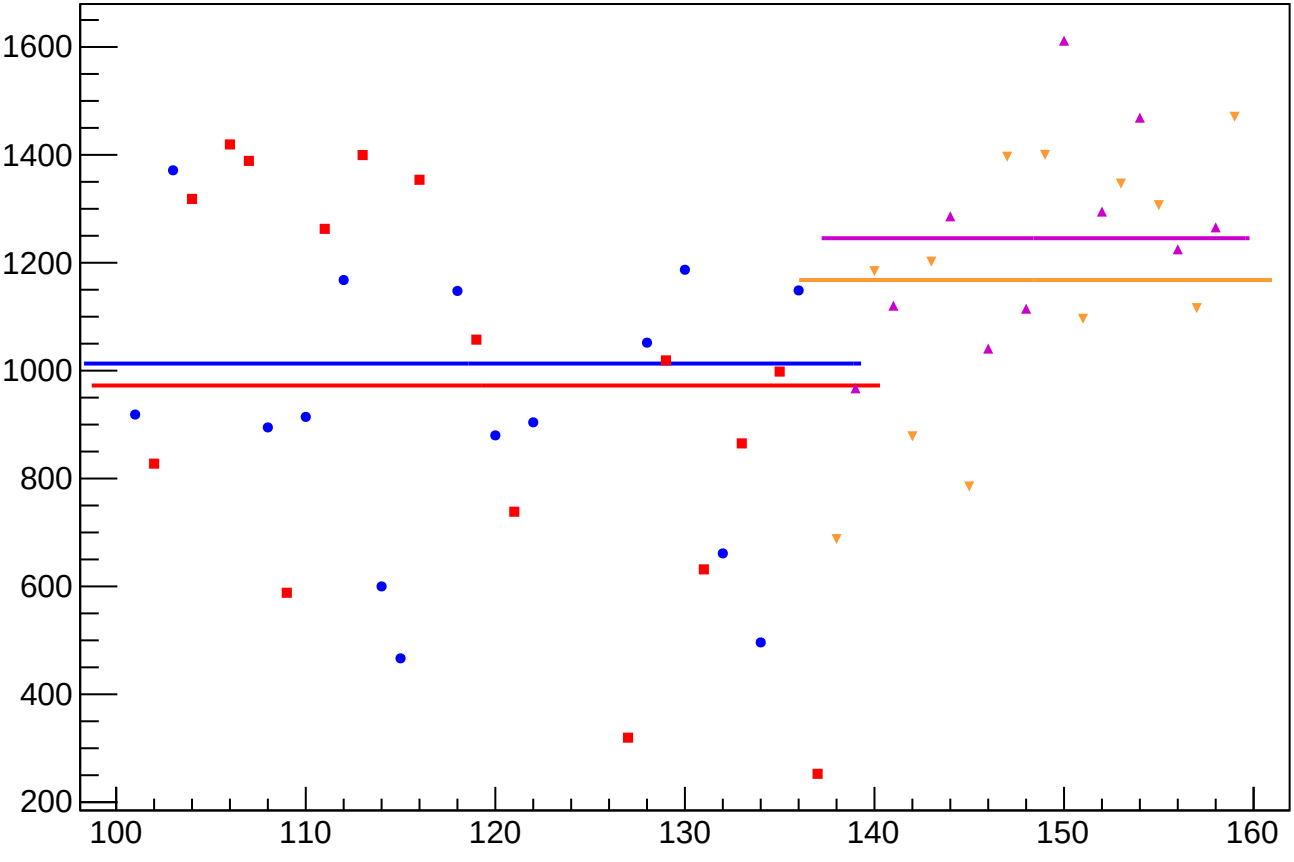
All: 2.515+/-0.000 χ^2/NDF: 4831809904749 3

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.441+/-0.000 χ^2/NDF: 16186574789071040

Left In: 1.431+/-0.000 χ^2/NDF:22484200561959510364553849759 3344.0/9

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

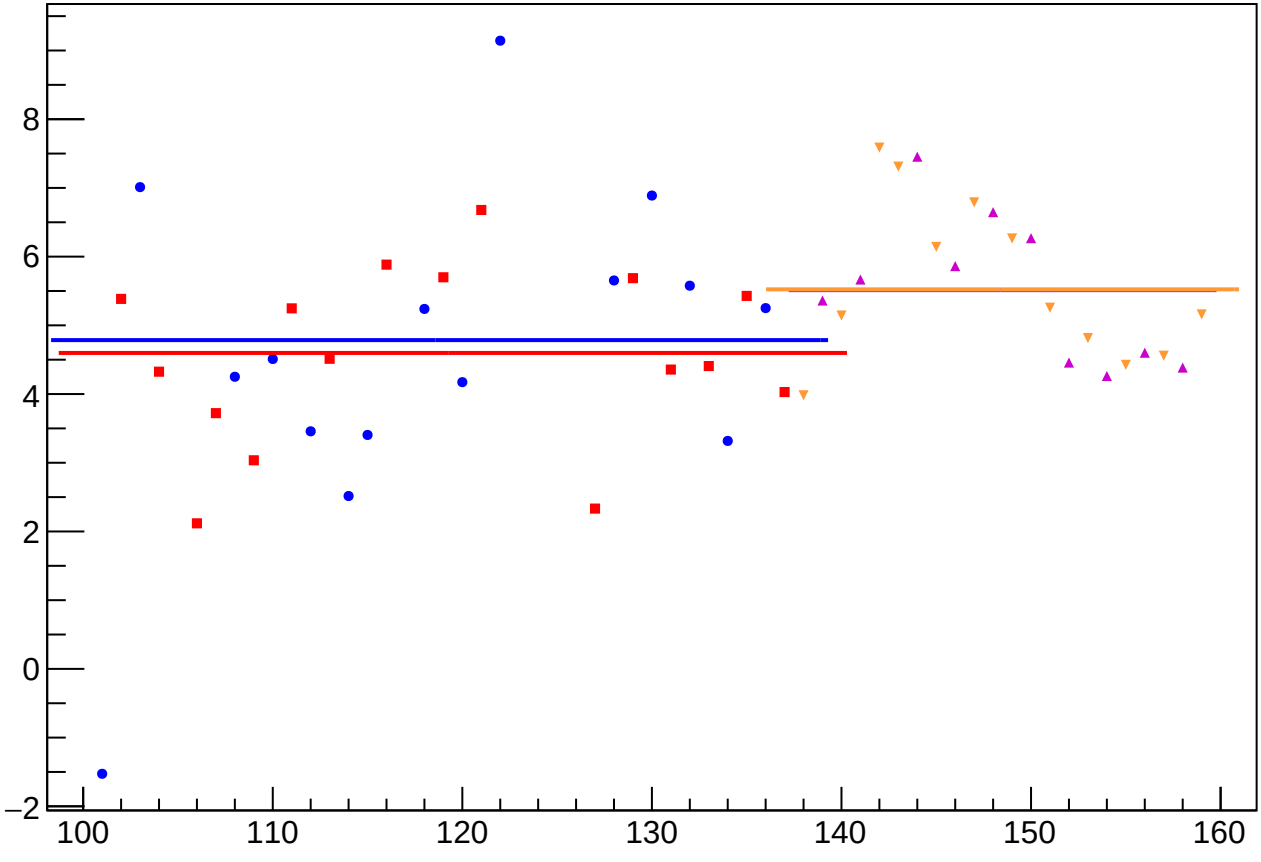
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272

All: 1114.456+/-0.000 χ^2/NDF: 2321310866

- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.524+/-0.000 χ^2/NDF:10379213257961414199003092751482 88.0/11

Right Out: 4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15

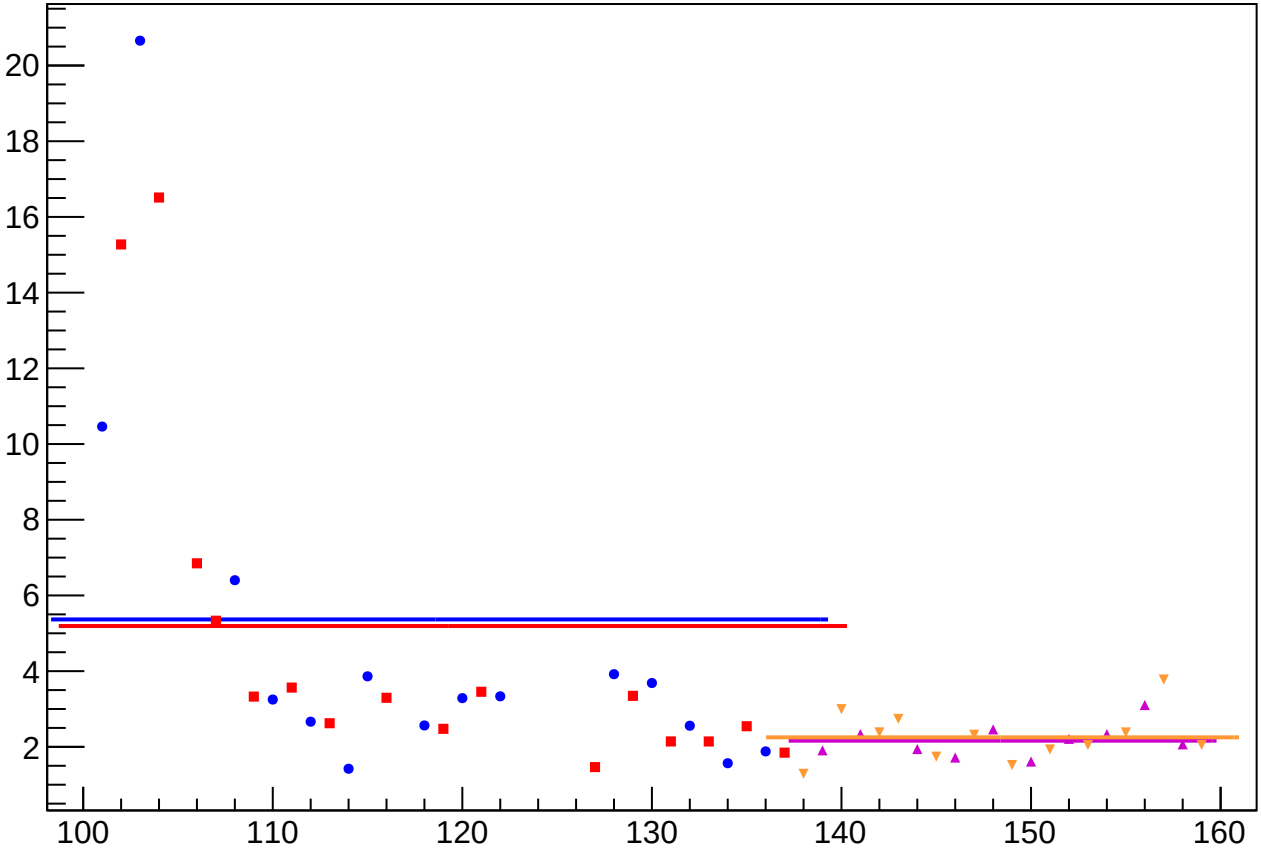
Left In: 5.512+/-0.000 χ^2/NDF:91499054632709472213019497227878 4.0/9

+ sign 5.218+/-0.000 χ^2/NDF: 5241850801732148 6

All: 5.165+/-0.000 χ^2/NDF: 7467530045460 8

- sign 5.110+/-0.000 χ^2/NDF: 2216825734047306 8

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.542+/-0.000 χ^2/NDF: 2286859801984359 4

Left Out: 2.251+/-0.000 χ^2/NDF:4012149072617451650055666453708 80.0/11

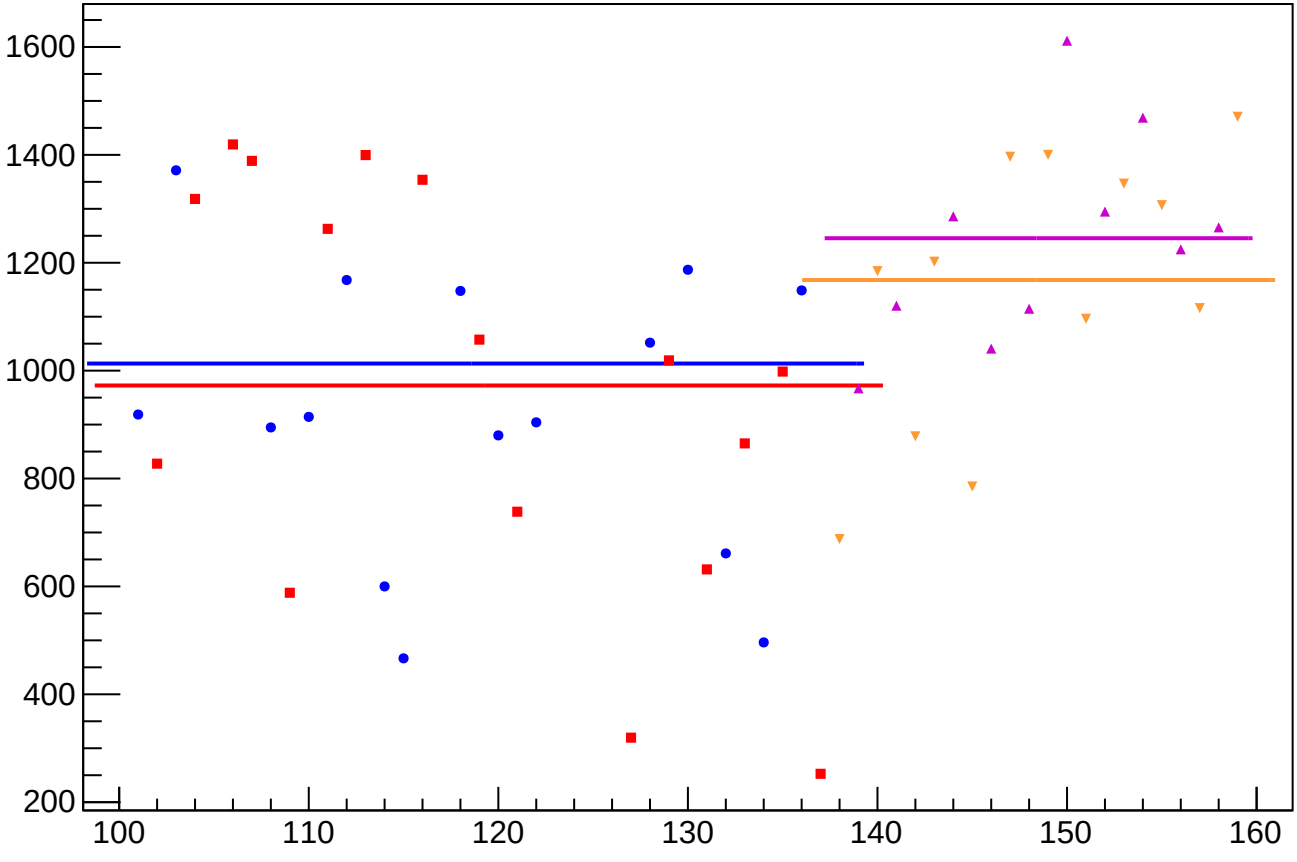
All: 3.519+/-0.000 χ^2/NDF: 4218735651672 5

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

- sign 3.495+/-0.000 χ^2/NDF: 1931703352829170 4

Left In: 2.163+/-0.000 χ^2/NDF:1383427602292518828382944000737 28.0/9

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

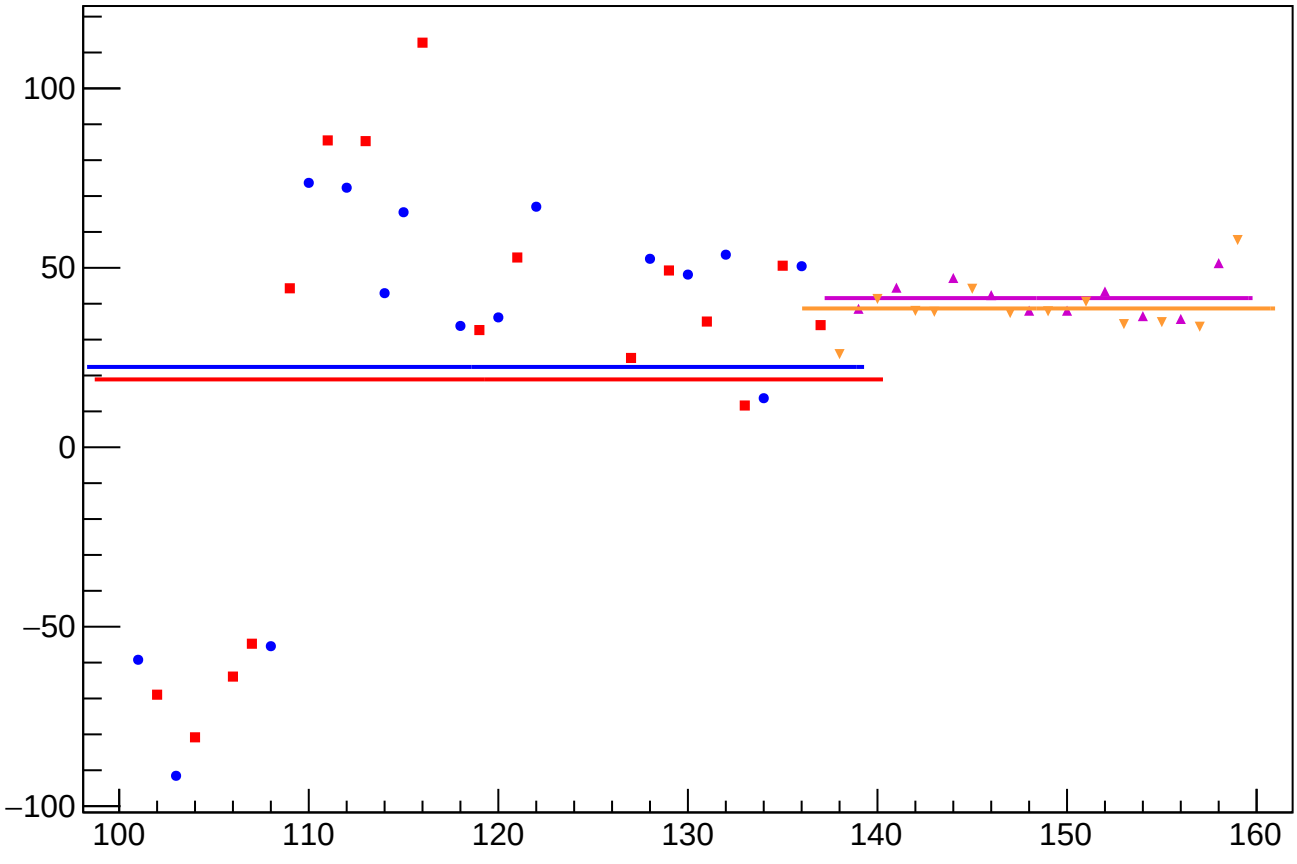
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1114.456+/-0.000 χ^2/NDF: 2321310866 0

- sign 1125.448+/-0.000 χ^2/NDF: 1363288436802 4

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 38.679+/-0.000 χ^2/NDF:500758788978112734847872895371182 08.0/11

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15

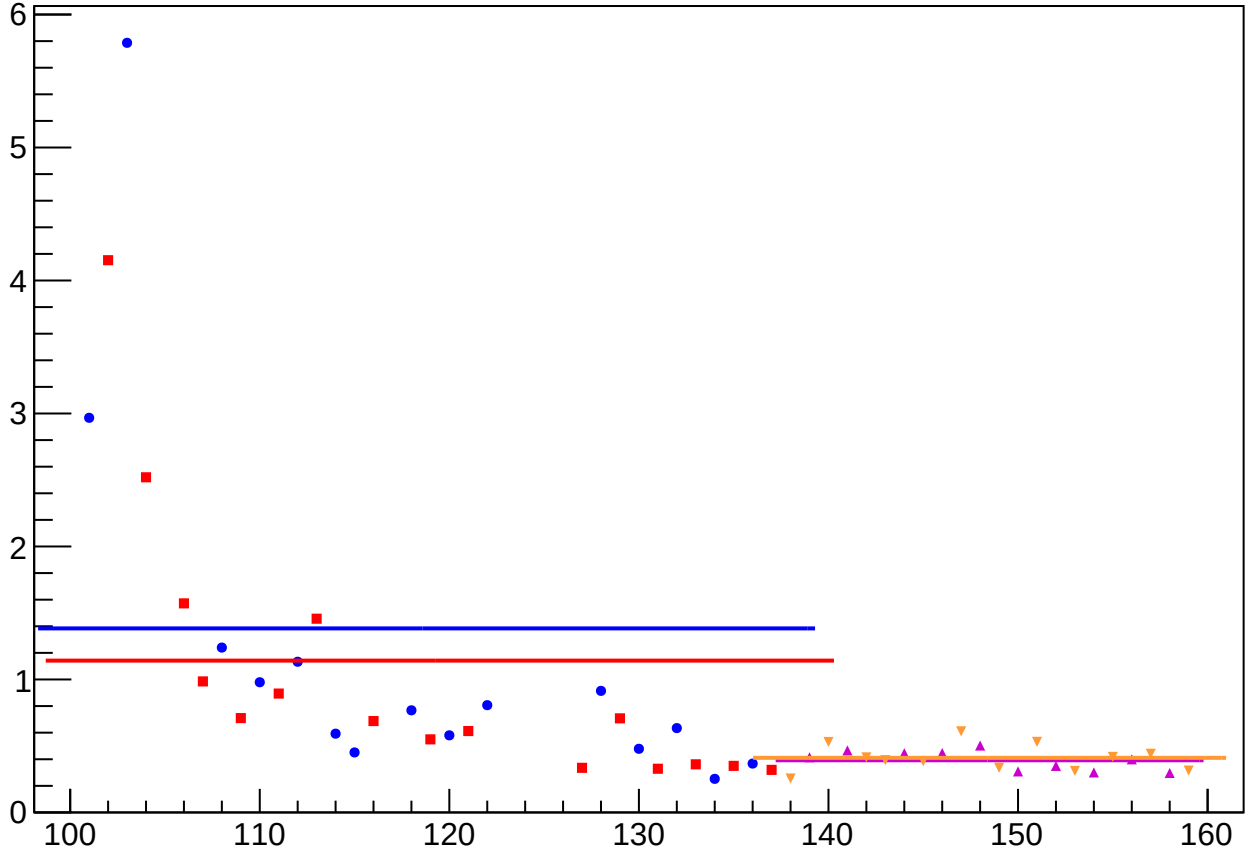
Left In: 41.564+/-0.000 χ^2/NDF:193739701151023096315932744404172 80.0/9

+ sign 31.926+/-0.000 χ^2/NDF: 2073238427380323

All: 31.767+/-0.000 χ^2/NDF: 446675783998 9

- sign 31.602+/-0.000 χ^2/NDF: 2393438492662241

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.411+/-0.000 χ^2/NDF:9428610492078012186649224544256.0/11

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

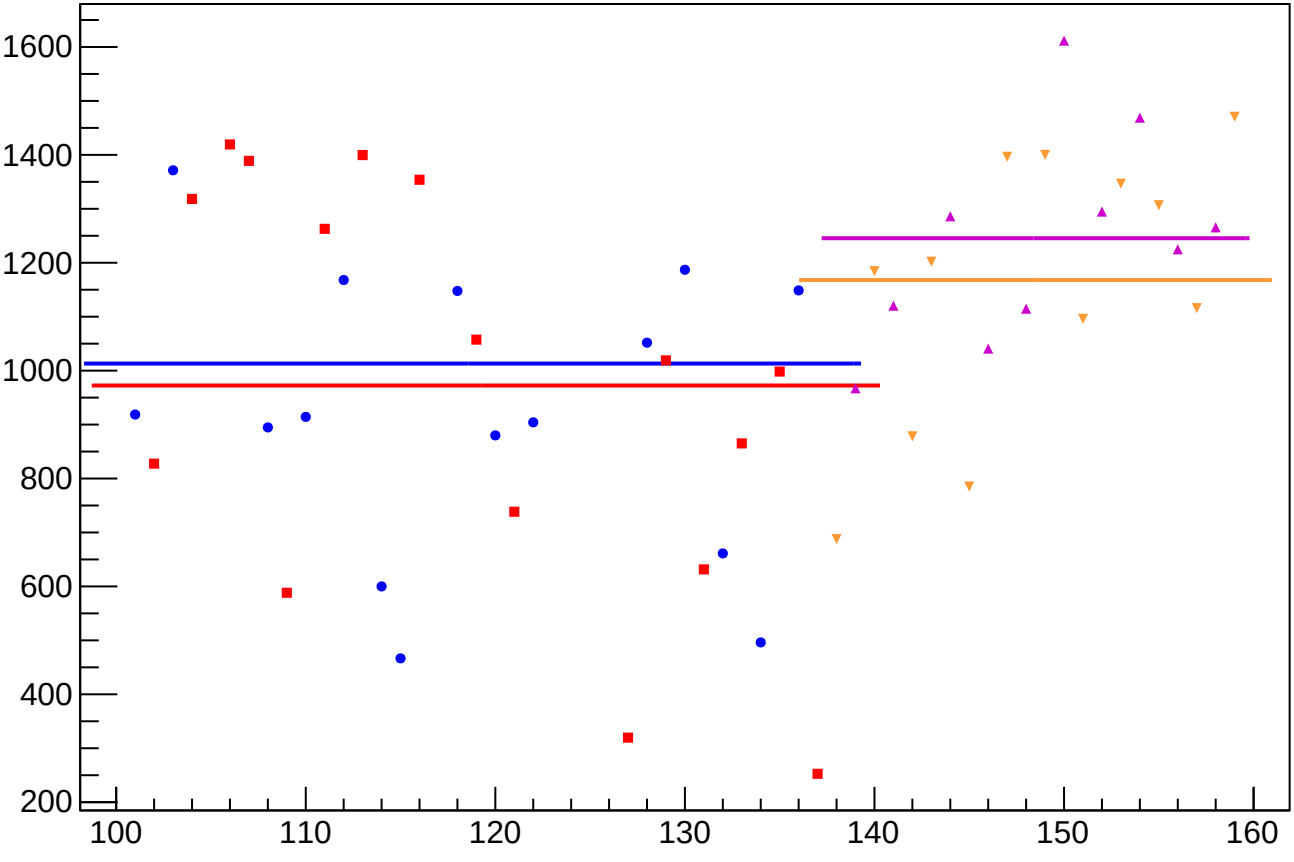
Left In: 0.392+/-0.000 χ^2/NDF:4315346326456245105598518001664.0/9

+ sign 0.814+/-0.000 χ^2/NDF: 1940519918288726 3

All: 0.769+/-0.000 χ^2/NDF: 2971916329912 2

- sign 0.722+/-0.000 χ^2/NDF: 10248523980531736

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

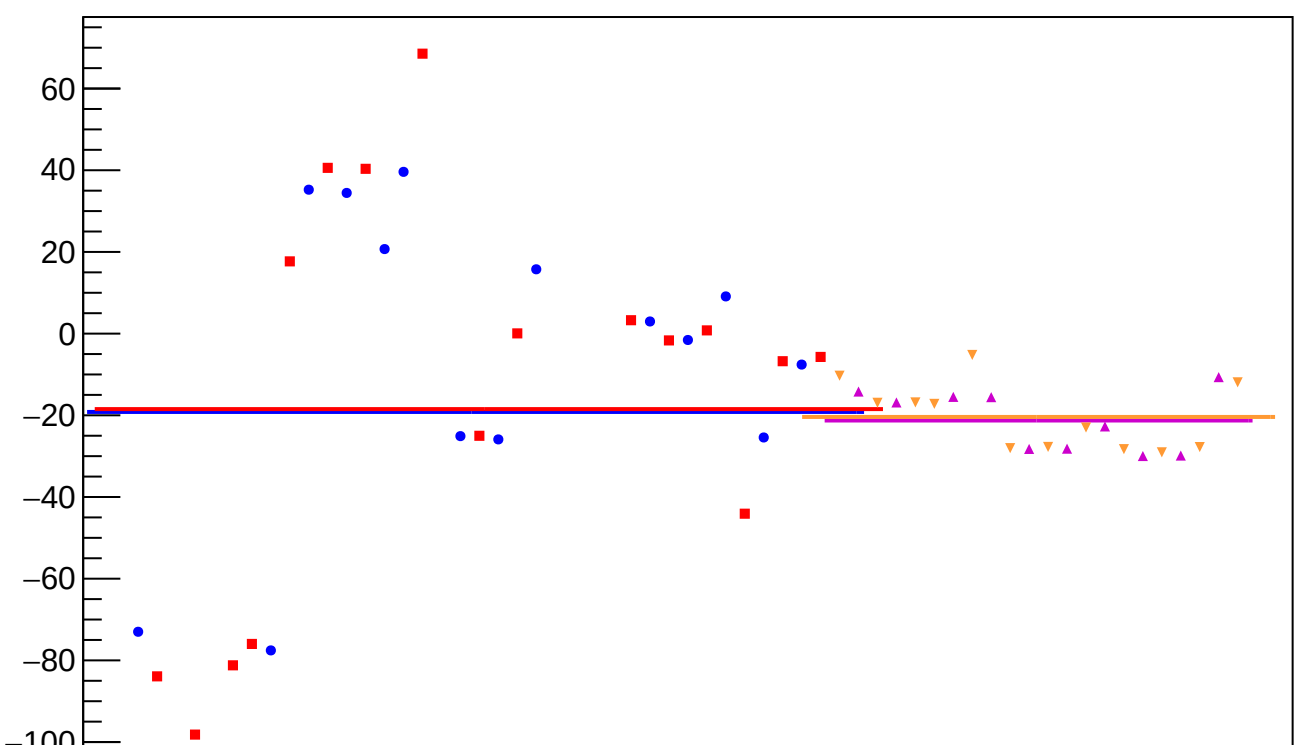
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272

All: 1114.456+/-0.000 χ^2/NDF: 2321310866

- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Left Out: -20.399+/-0.000 χ^2/NDF:5979587484613201607462578639654092 8.0/11

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

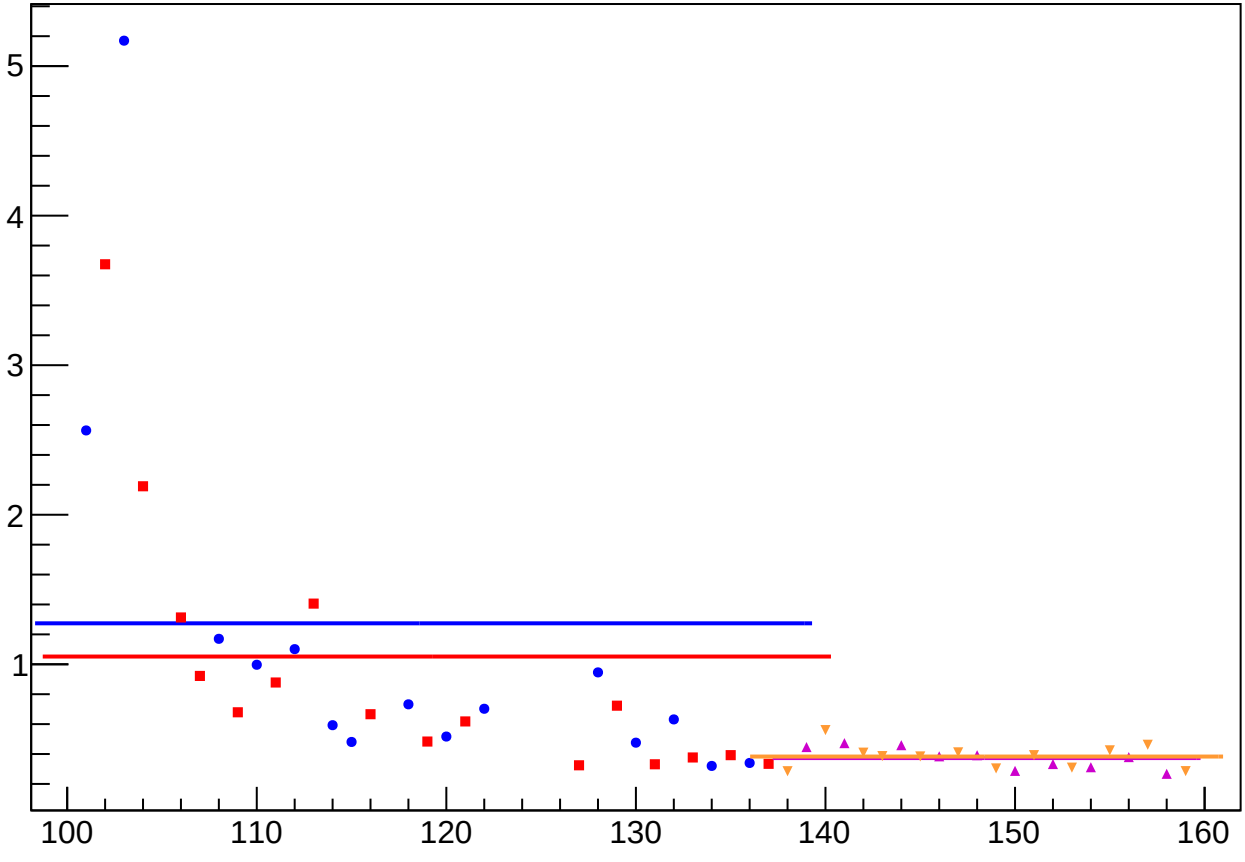
Left In: -21.269+/-0.000 χ^2/NDF:4175457401733354872350521422145126 4.0/9

+ sign -19.892+/-0.000 χ^2/NDF: 130672947127581

All: -19.966+/-0.000 χ^2/NDF: 284080959586

- sign -20.043+/-0.000 χ^2/NDF: 153406257367145 8

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.383+/-0.000 χ^2/NDF:58049055504205289104265277603 84.0/11

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

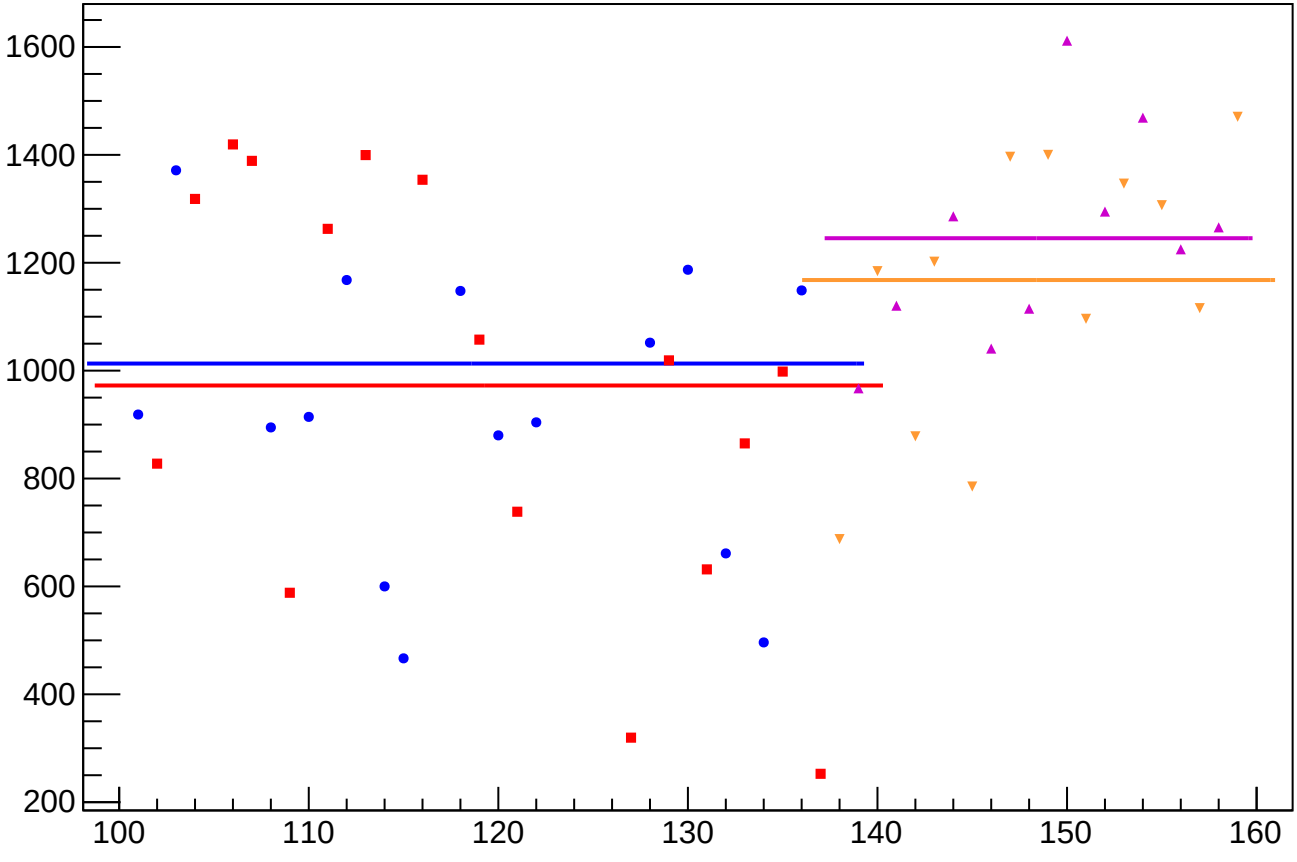
Left In: 0.373+/-0.000 χ^2/NDF:4027830907187391309812498169856.0/9

+ sign 0.752+/-0.000 χ^2/NDF: 1519470095677947 9

All: 0.713+/-0.000 χ^2/NDF: 2308118473038 6

- sign 0.671+/-0.000 χ^2/NDF: 78360808929731368

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

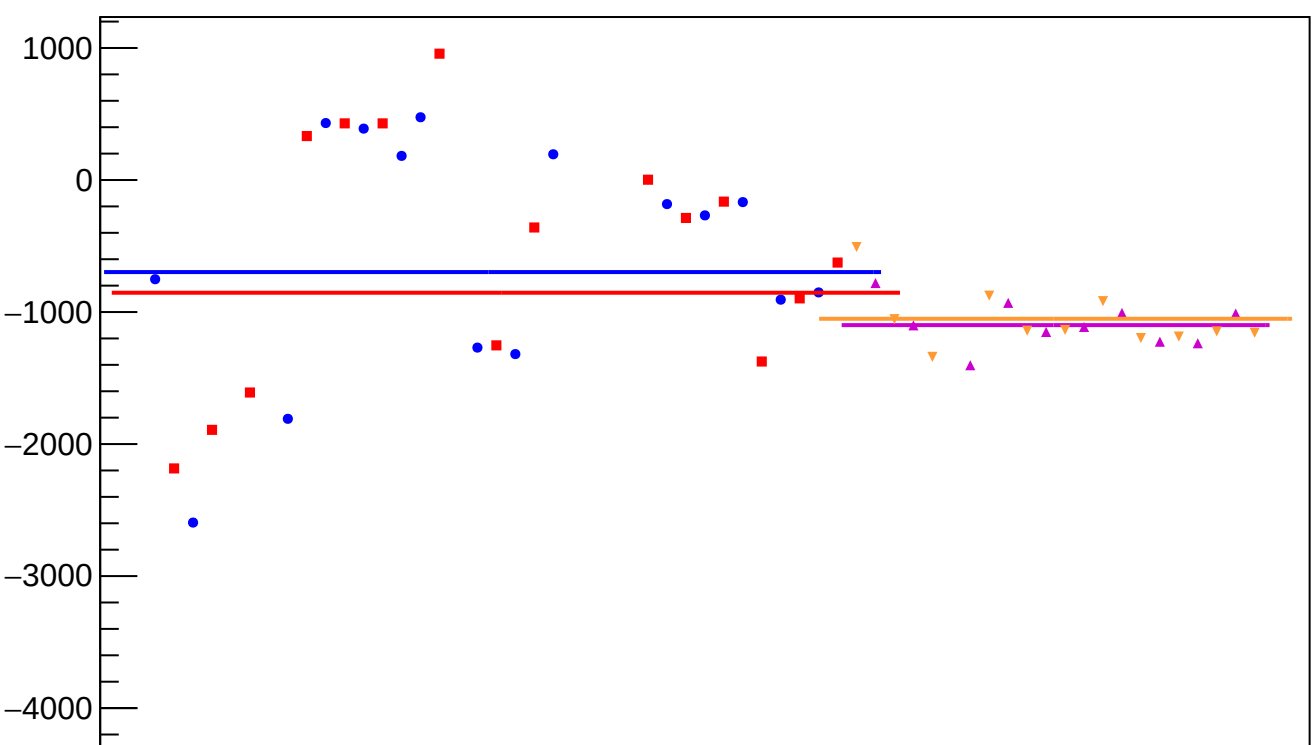
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1114.456+/-0.000 χ^2/NDF: 2321310866 0

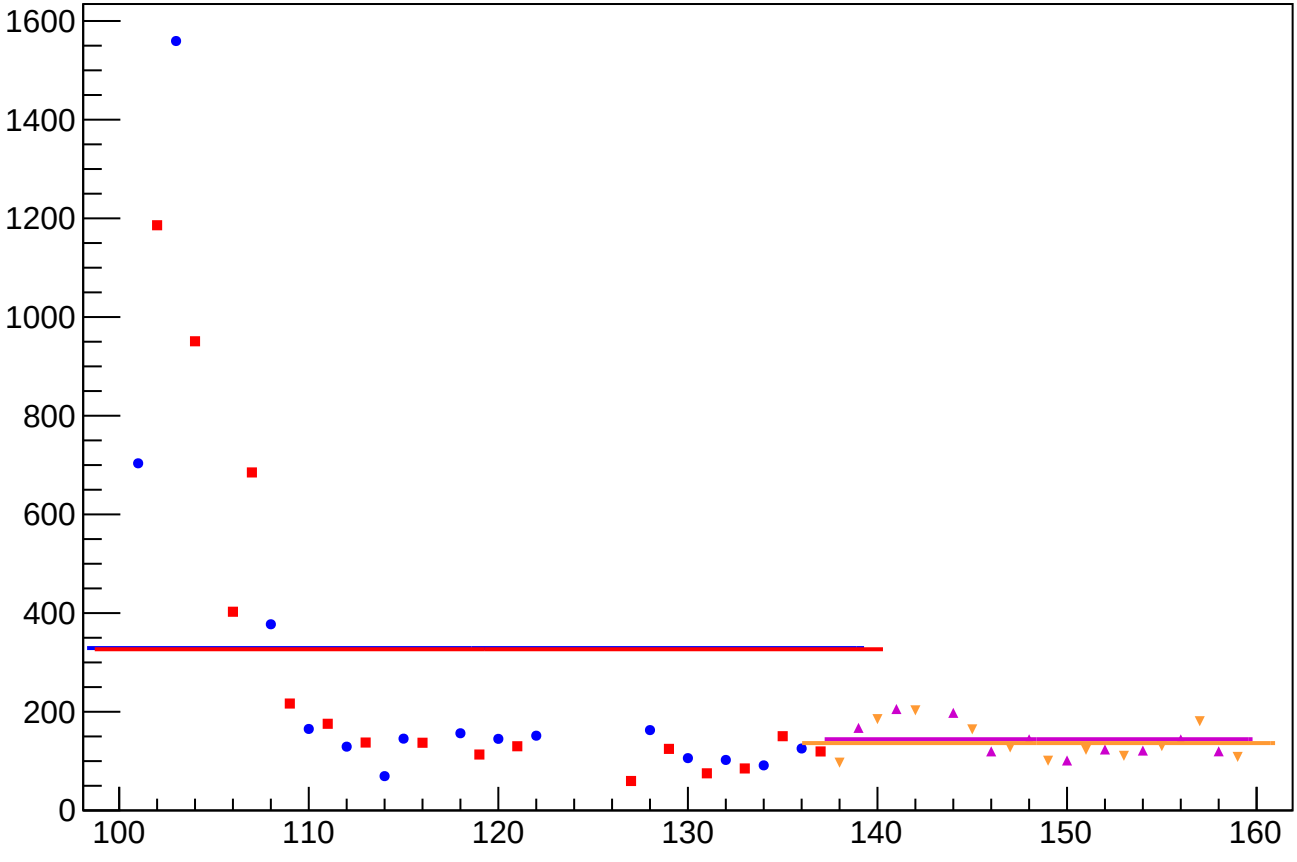
- sign 1125.448+/-0.000 χ^2/NDF: 1363288436802 4

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -897.829+/-0.000 χ^2/NDF: 57329674650375
Left Out: -1050.953+/-0.000 χ^2/NDF:36829070766461393403765229942747430912.0/10
All: -944.790+/-0.000 χ^2/NDF: 17040692660
Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176691 2.0/15
- sign -991.194+/-0.000 χ^2/NDF: 112420011792556
Left In: -1099.061+/-0.000 χ^2/NDF:23327960509777355487674059846431277056.0/9

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 219.907+/-0.000 χ^2/NDF: 131498546737370

Left Out: 136.529+/-0.000 χ^2/NDF:986372818283314141100082094359445504.0/10

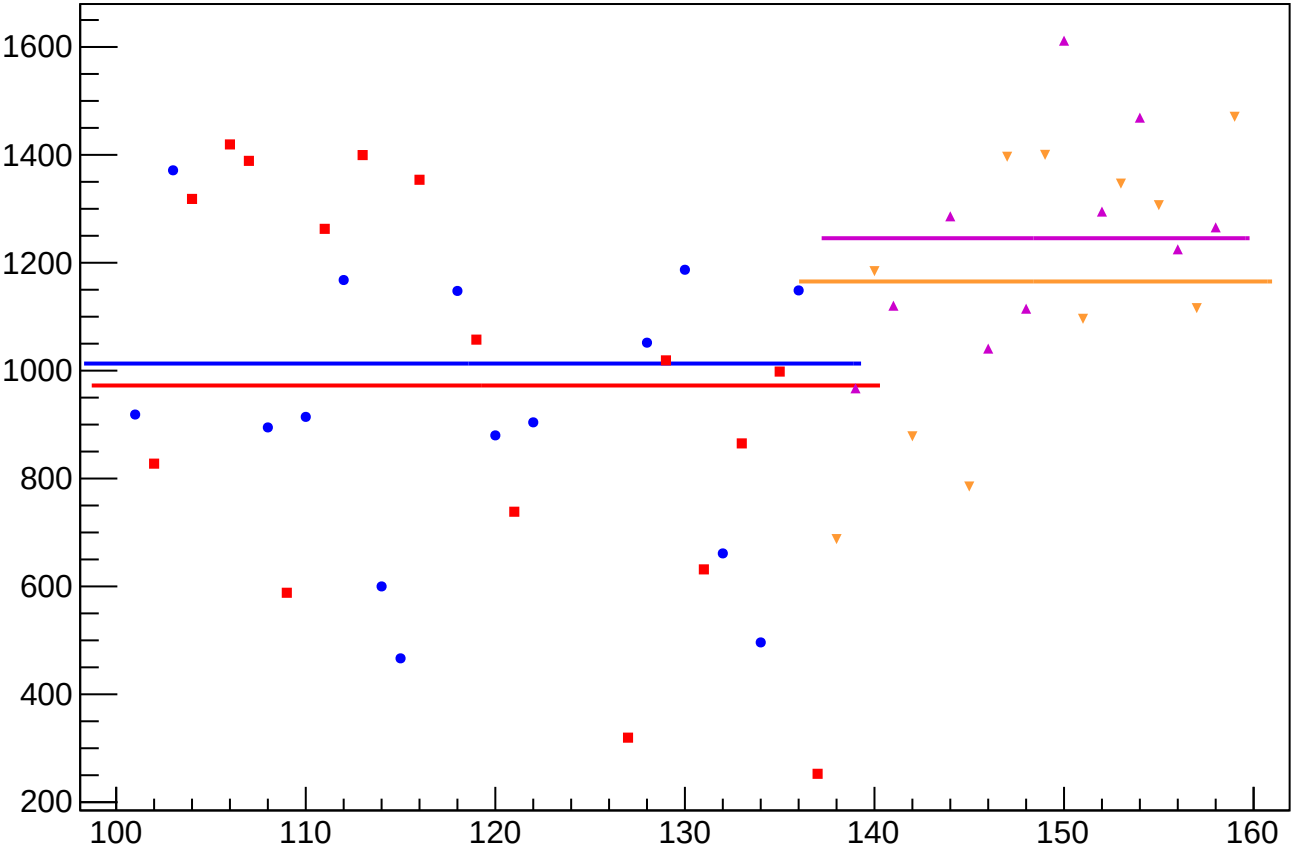
All: 222.237+/-0.000 χ^2/NDF: 232474934844

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 224.538+/-0.000 χ^2/NDF: 100960215866393

Left In: 144.376+/-0.000 χ^2/NDF:968206824192830867911327417959972864.0/9

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1165.293+/-0.000 χ^2/NDF:5452652645472732695761949382749559 1936.0/10

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

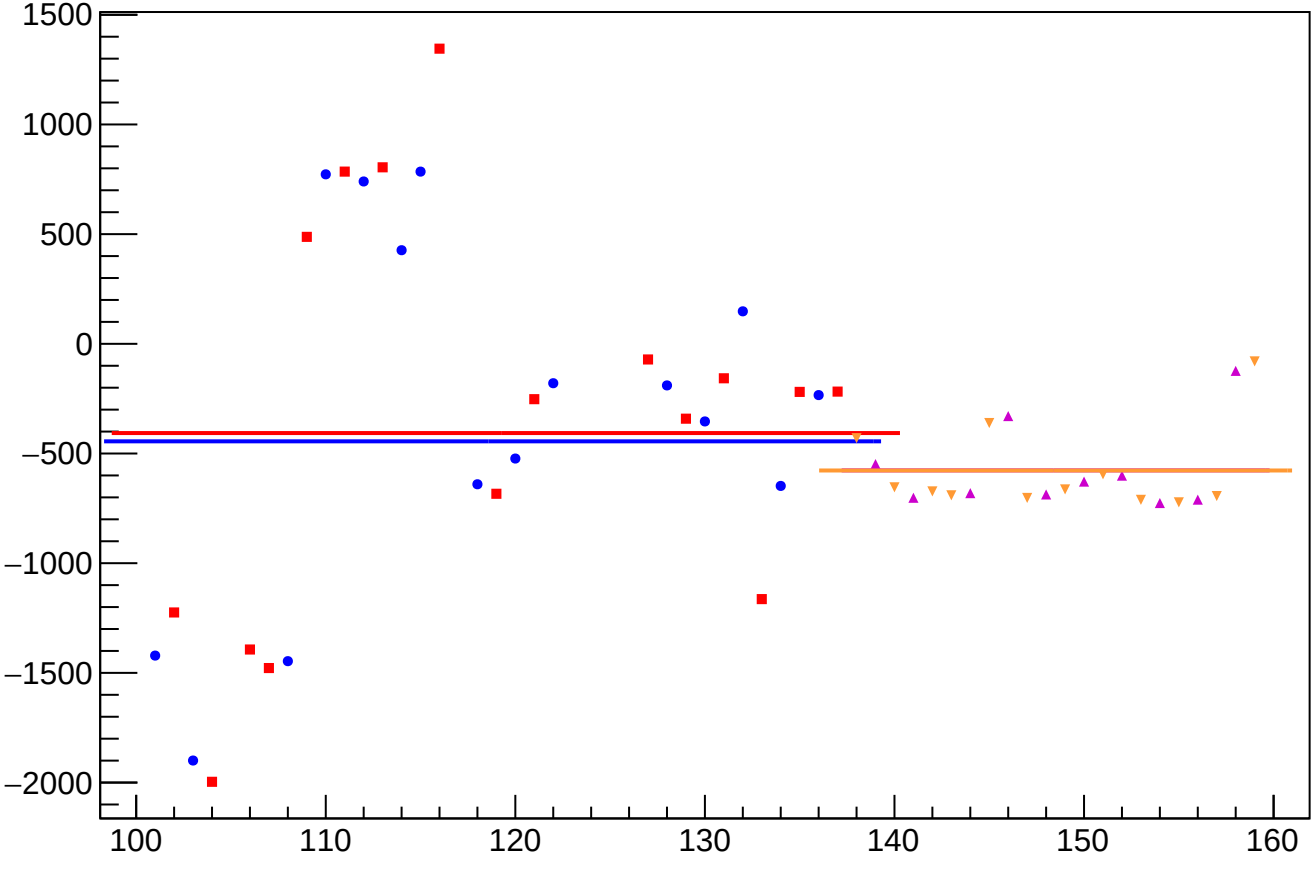
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686 95296.0/9

+ sign 1099.420+/-0.000 χ^2/NDF: 9476675143609 3

All: 1112.512+/-0.000 χ^2/NDF: 2316063782 7

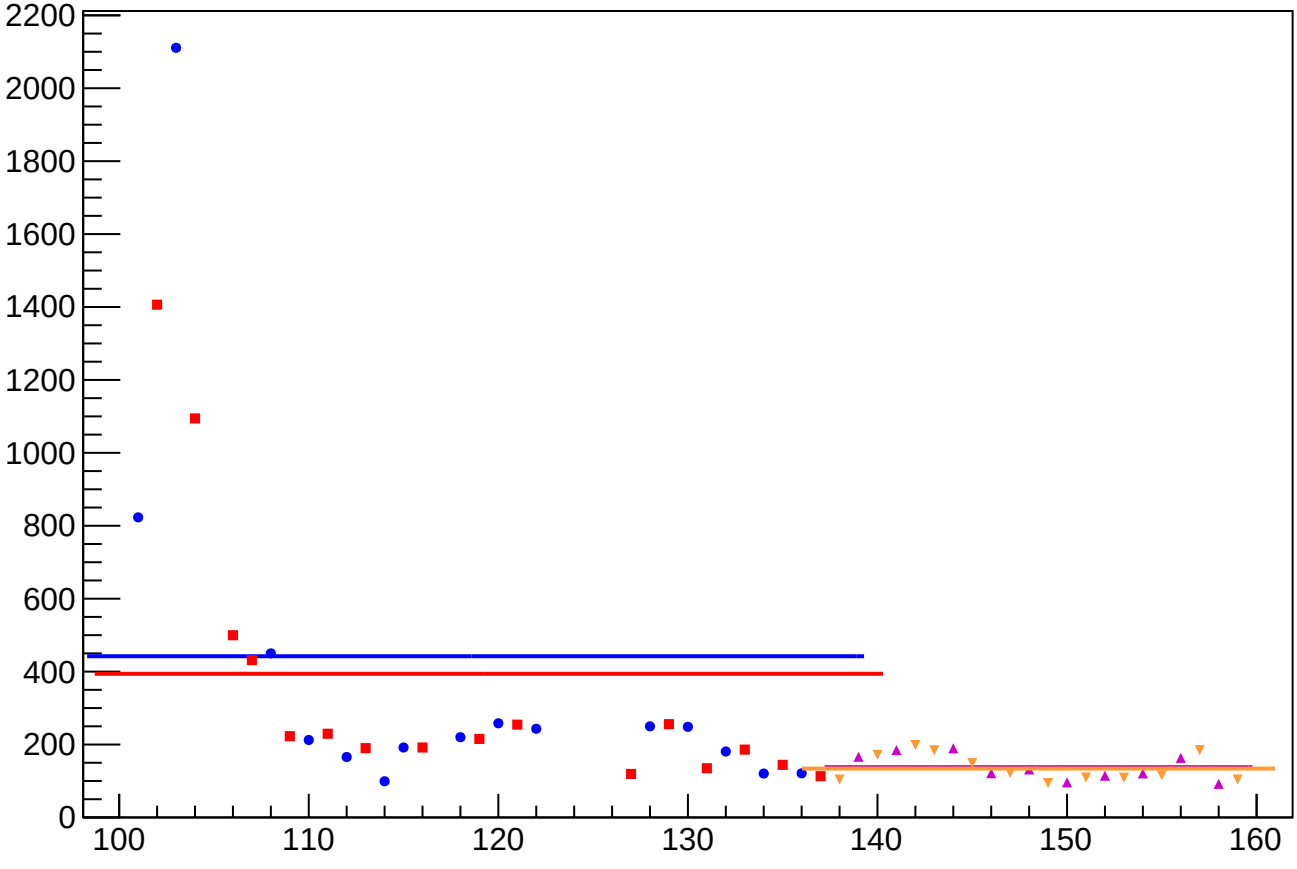
- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 39648190350159370306653585122995365478 4.0/14
+ sign -522.314+/-0.000 χ^2/NDF: 43637268115601
Left Out: -577.377+/-0.000 χ^2/NDF:3318198345583115358583881629004359270 4.0/11
All: -512.382+/-0.000 χ^2/NDF: 1005442955 9
Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291 08480.0/15
- sign -502.131+/-0.000 χ^2/NDF: 5687563849174 50
Left In: -576.992+/-0.000 χ^2/NDF:2879968382920195268056492602509859 2256.0/9

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 261.784+/-0.000 χ^2/NDF: 241185059846512

Left Out: 134.122+/-0.000 χ^2/NDF:1108150296028178587463342476455051264.0/11

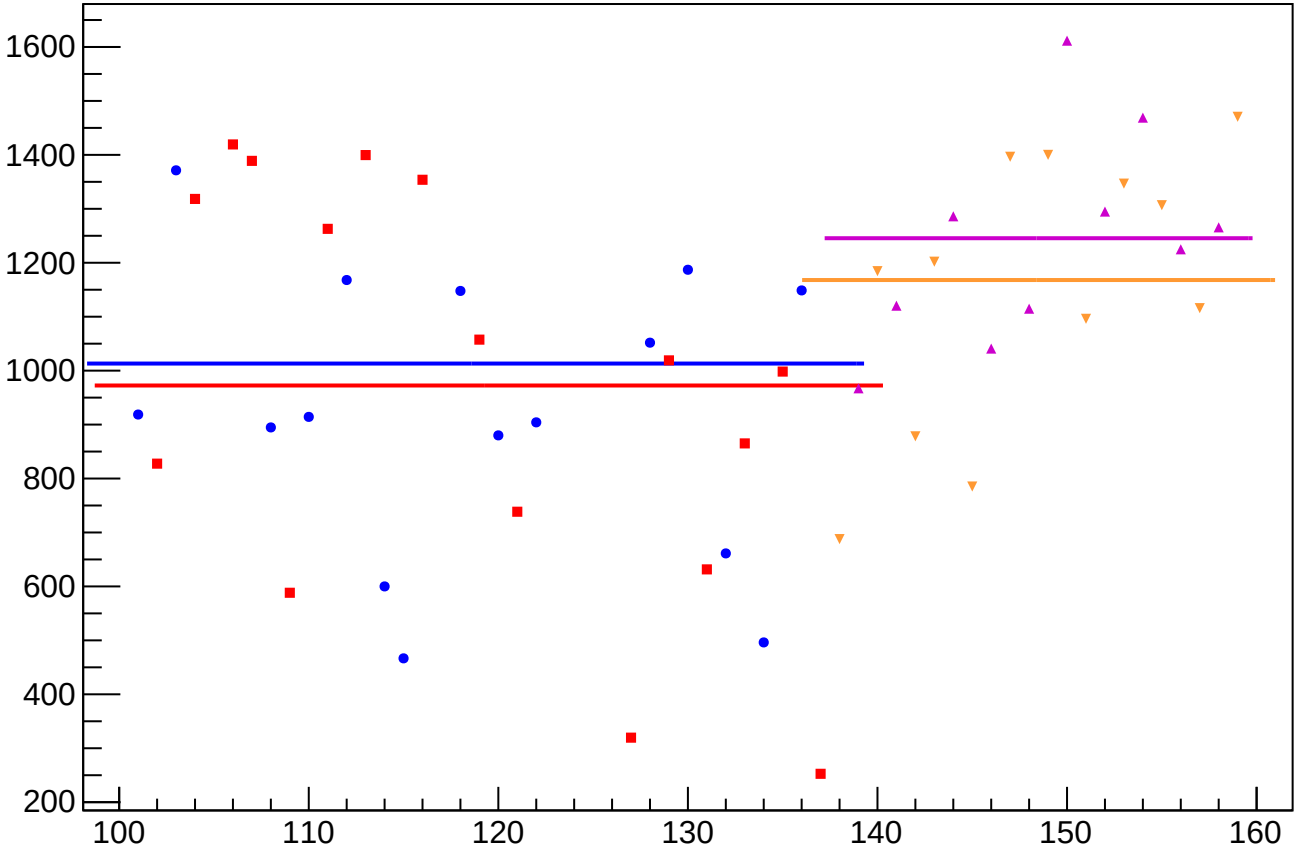
All: 256.261+/-0.000 χ^2/NDF: 37264007098

Right Out: 394.033+/-0.000 χ^2/NDF: 1058826116241820094898044262077400350 72.0/15

- sign 250.560+/-0.000 χ^2/NDF: 131357942503851

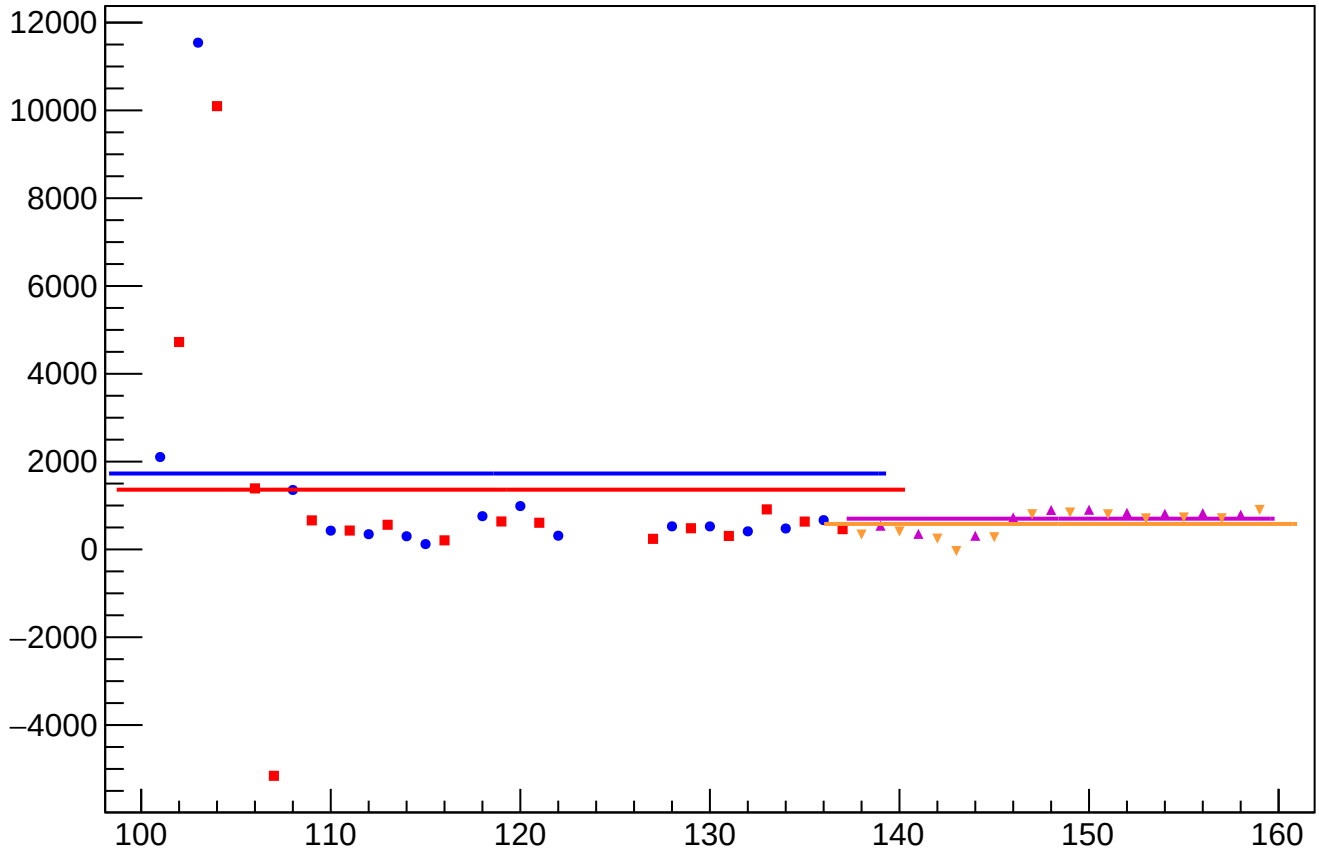
Left In: 137.975+/-0.000 χ^2/NDF:971339578873557843721010126384005120.0/9

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272
Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11
All: 1114.456+/-0.000 χ^2/NDF: 2321310866
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

+ sign 1056.333+/-0.000 χ^2/NDF: 69854955946737

Left Out: 580.248+/-0.000 χ^2/NDF:7085797843407662400942997921272850022 4.0/11

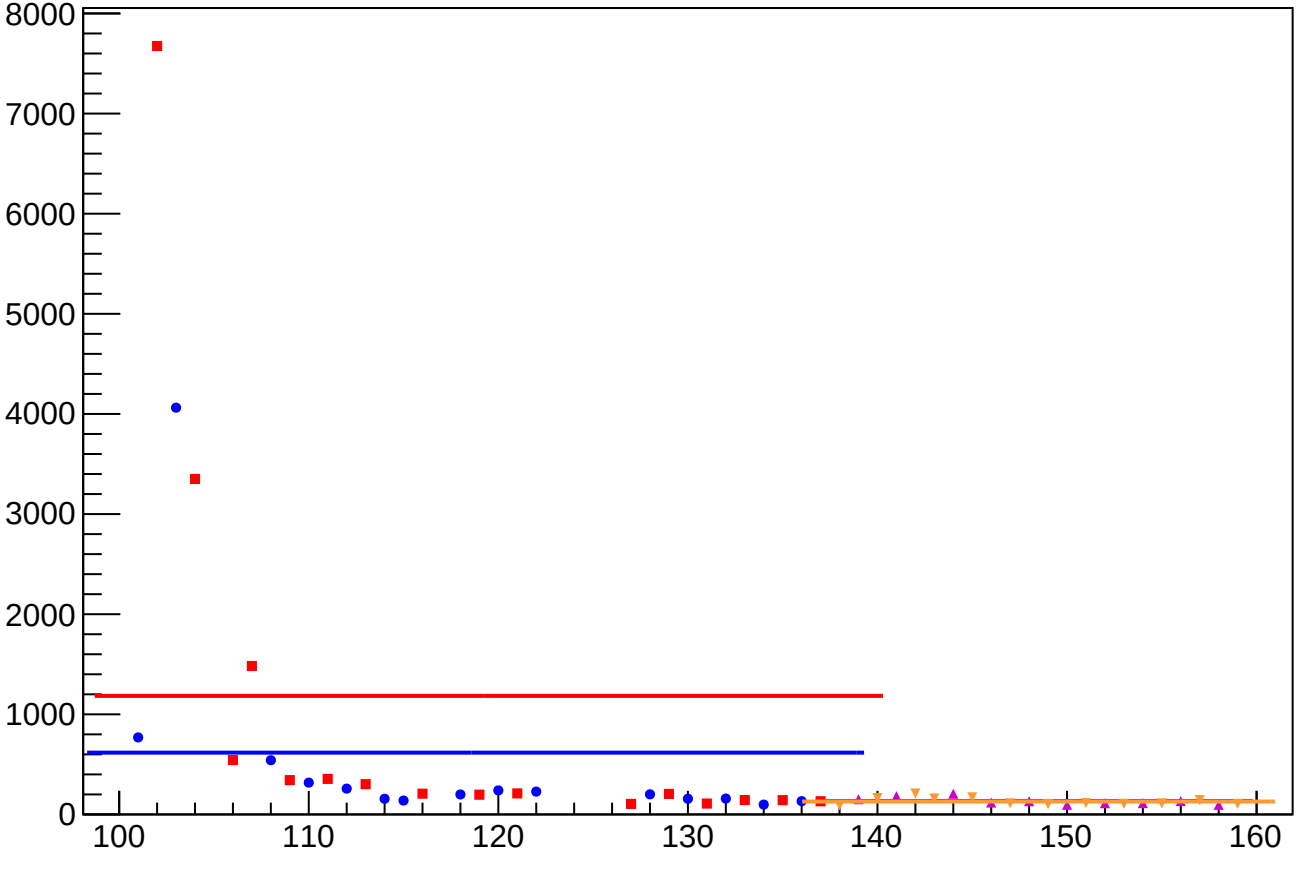
All: 1024.037+/-0.000 χ^2/NDF: 1362106350

Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617446 4.0/15

- sign 990.698+/-0.000 χ^2/NDF: 663224843584730

Left In: 700.188+/-0.000 χ^2/NDF:374870363862155859402702000201305948 16.0/9

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14

+ sign 331.336+/-0.000 χ^2/NDF: 88397371945685 9

Left Out: 128.916+/-0.000 χ^2/NDF:9464462818899964107363355906193489 92.0/11

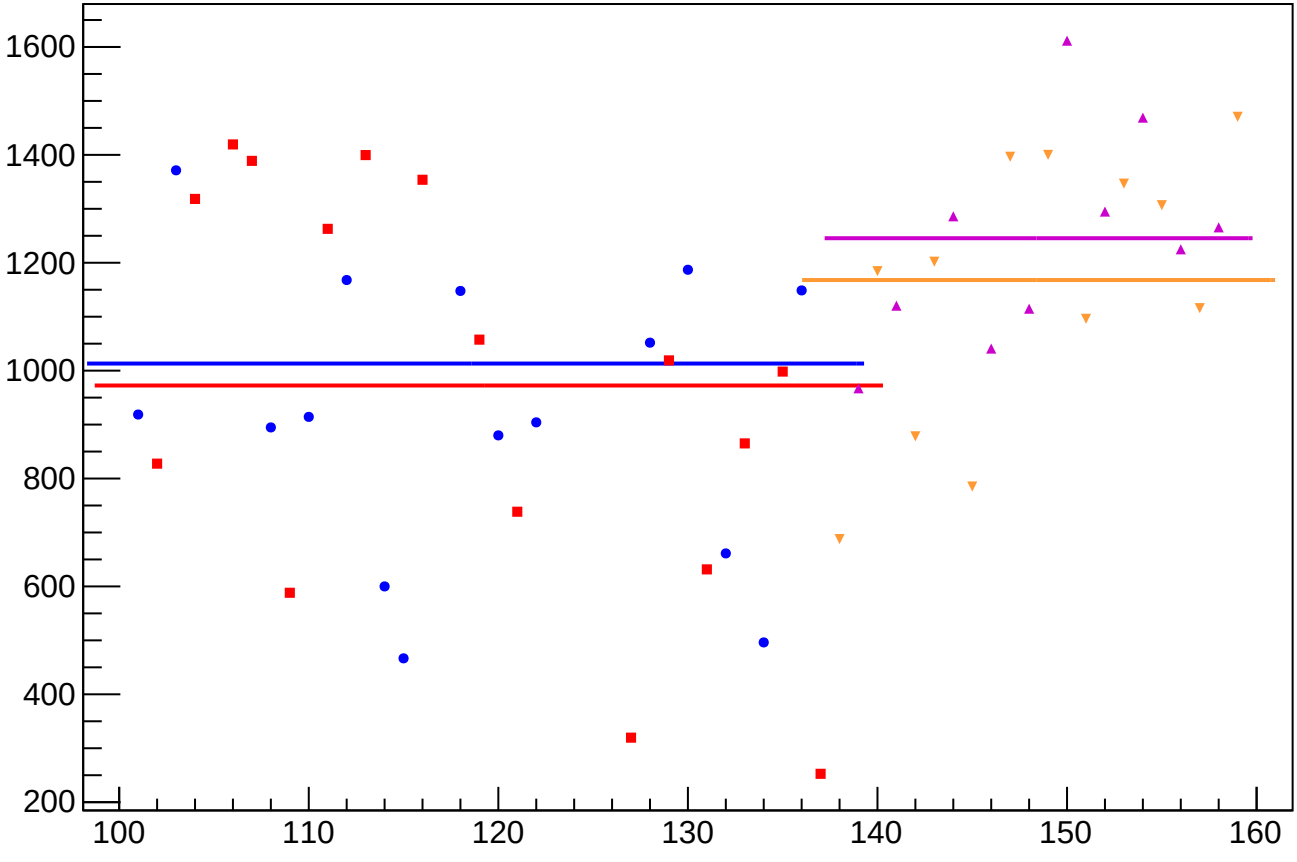
All: 461.698+/-0.000 χ^2/NDF: 45181771883 8

Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

- sign 596.272+/-0.000 χ^2/NDF: 358011733192561

Left In: 134.826+/-0.000 χ^2/NDF:1051215580205075861730259049354625024.0/9

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

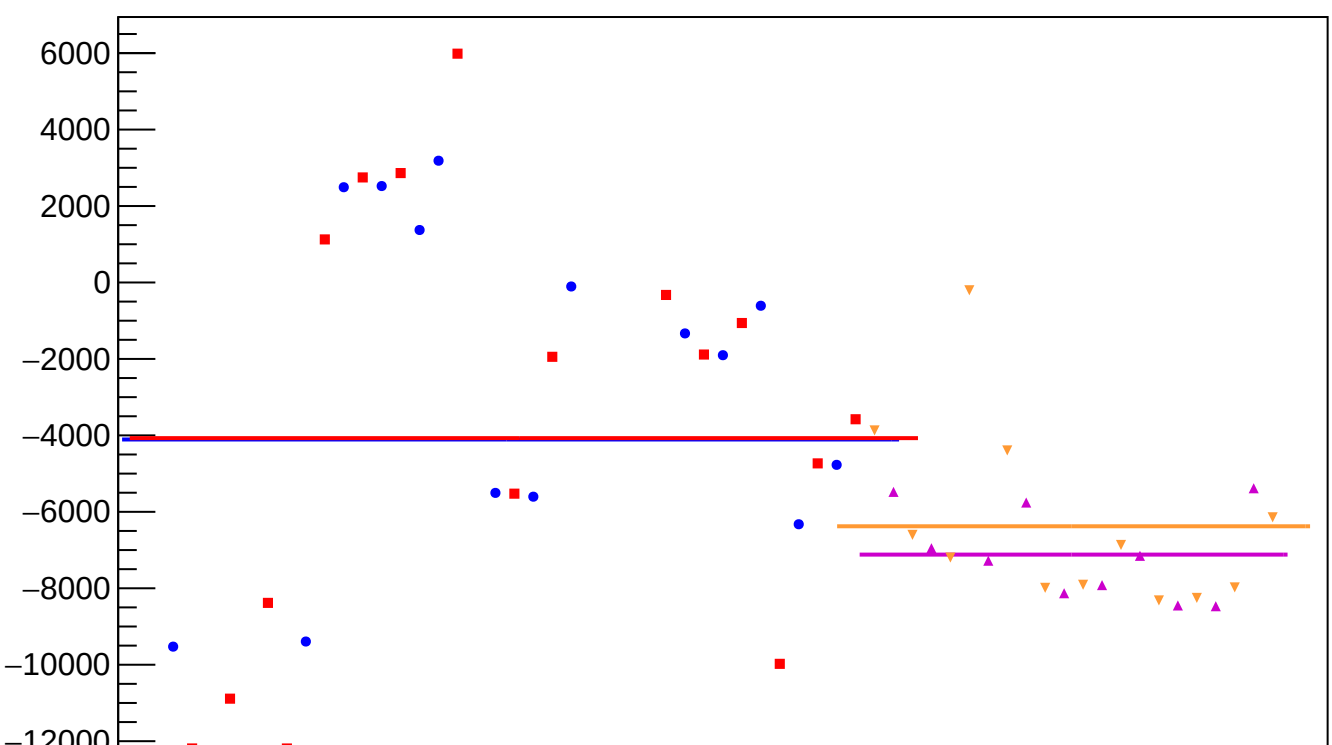
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1114.456+/-0.000 χ^2/NDF: 2321310866 0

- sign 1125.448+/-0.000 χ^2/NDF: 1363288436802 4

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

+ sign -5436.993+/-0.000 χ^2/NDF: 2110921720753

Left Out: -6377.972+/-0.000 χ^2/NDF:462259115495458827520769352633359427174 4.0/11

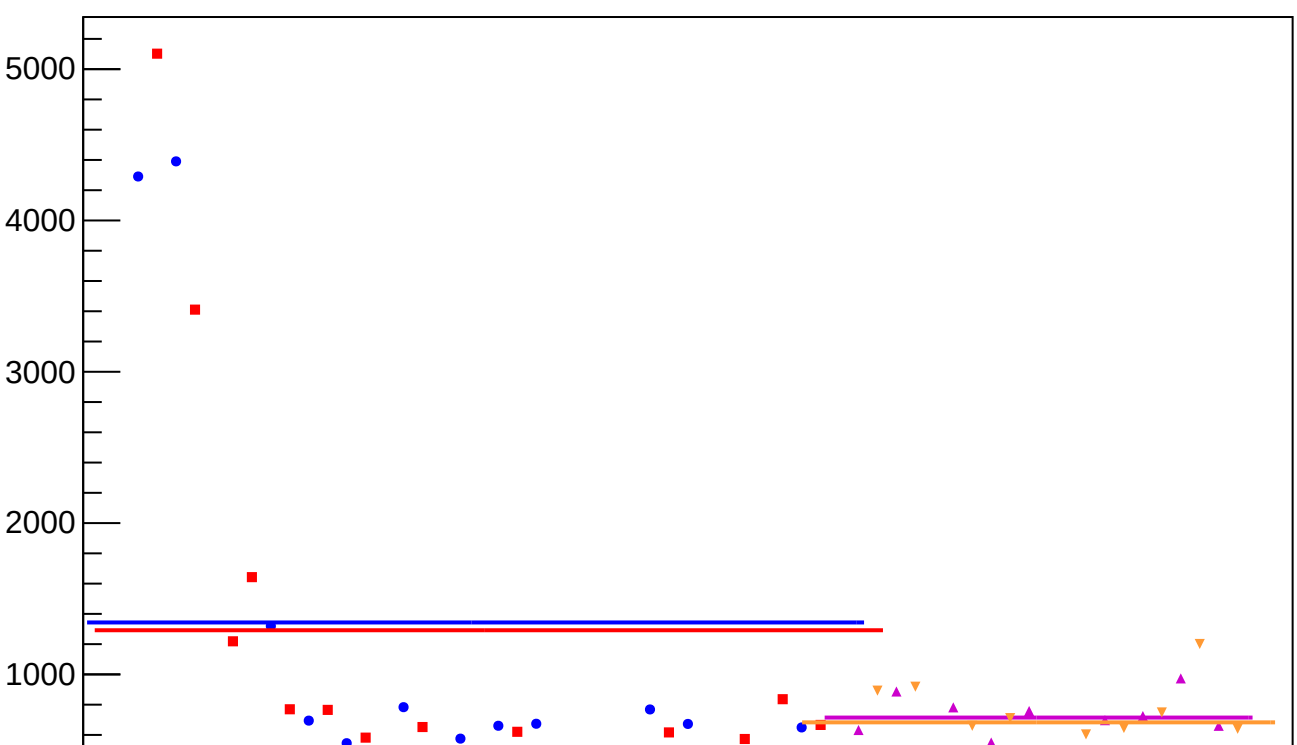
All: -5605.447+/-0.000 χ^2/NDF: 4610427205

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

- sign -5779.343+/-0.000 χ^2/NDF: 2490474288830 9

Left In: -7119.012+/-0.000 χ^2/NDF:1068019741157216612604866931613069475840.0/9

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 956.696+/-0.000 χ^2/NDF: 15295293601495

Left Out: 683.065+/-0.000 χ^2/NDF:46379995695844949663521519572812300288.0/11

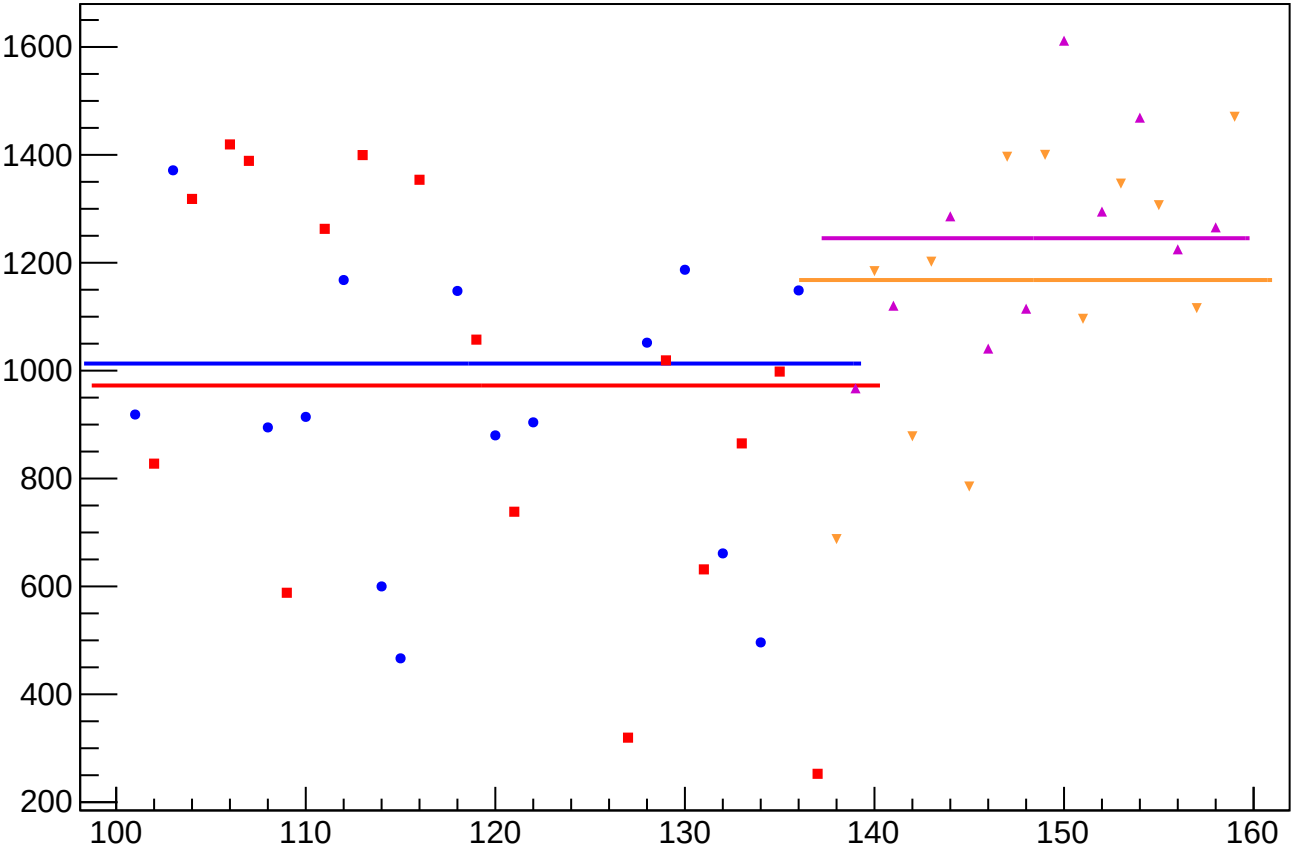
All: 962.469+/-0.000 χ^2/NDF: 29934620129

Right Out: 1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

- sign 968.428+/-0.000 χ^2/NDF: 146382659949488

Left In: 714.679+/-0.000 χ^2/NDF:157808994181519316121252016969178152 96.0/9

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

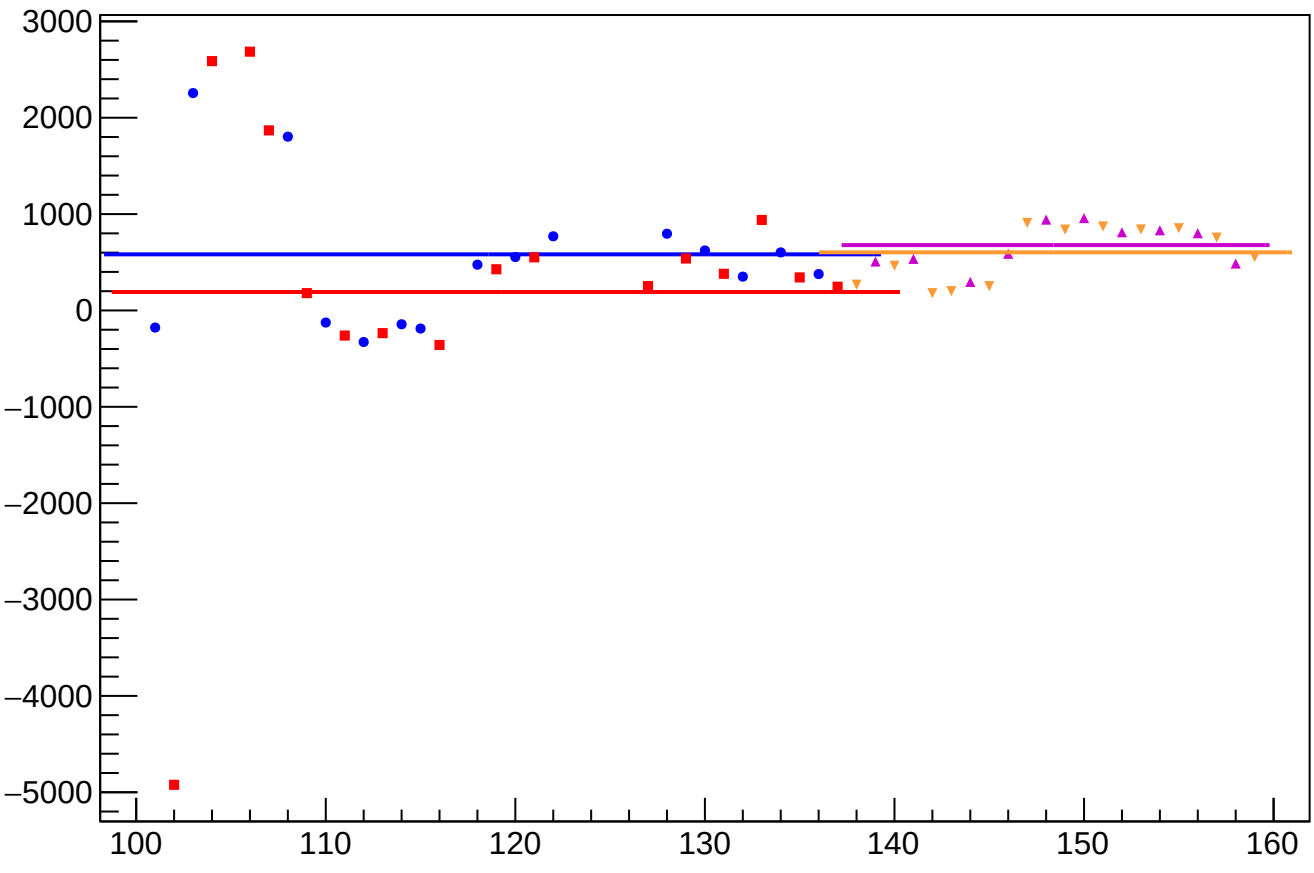
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1114.456+/-0.000 χ^2/NDF: 2321310866 0

- sign 1125.448+/-0.000 χ^2/NDF: 1363288436802 4

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

+ sign 594.514+/-0.000 χ^2/NDF: 407769521673703

Left Out: 603.094+/-0.000 χ^2/NDF:688100384194630010048785749886799708 16.0/11

All: 530.423+/-0.000 χ^2/NDF: 271671931225

Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15

- sign 464.262+/-0.000 χ^2/NDF: 229587692310383

Left Out: 678.231+/-0.000 χ^2/NDF:386069370751179986997697056299905187 84.0/9

dit_atr1_coil6_err_mean vs Slug

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 307.831+/-0.000 χ^2/NDF: 475999879031261

Left Out: 141.867+/-0.000 χ^2/NDF:675701485078594006846282081211777024.0/11

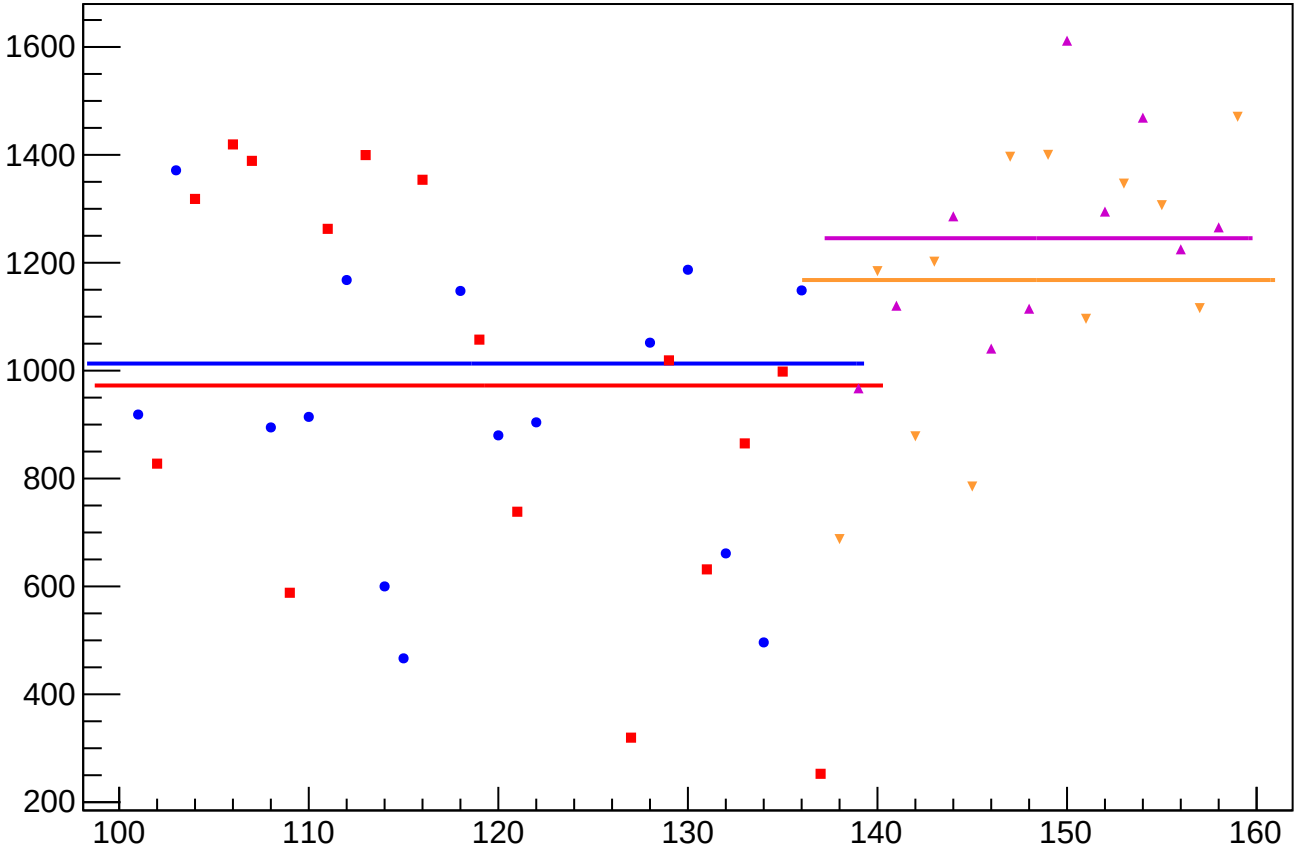
All: 381.697+/-0.000 χ^2/NDF: 325413930721

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 457.948+/-0.000 χ^2/NDF: 276077478950520

Left In: 147.789+/-0.000 χ^2/NDF:7265252338637031042037707182849392 64.0/9

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

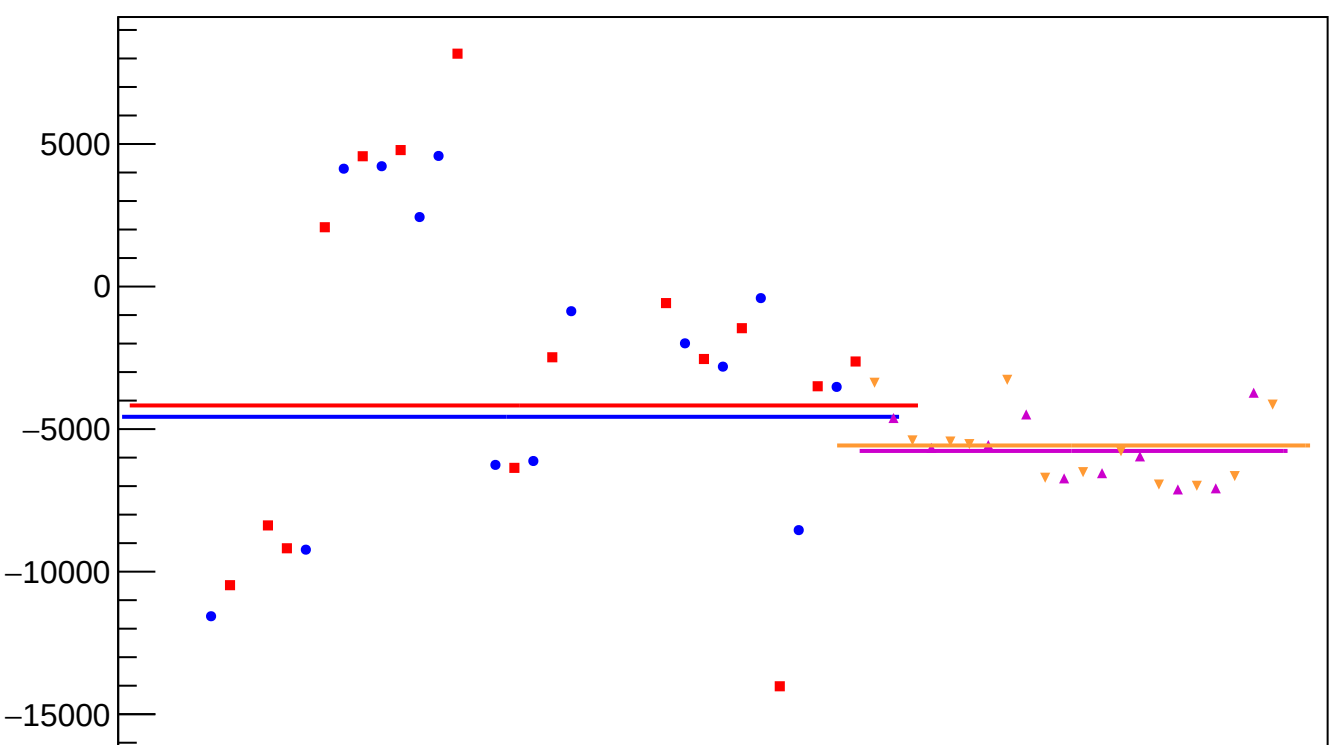
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1114.456+/-0.000 χ^2/NDF: 2321310866 0

- sign 1125.448+/-0.000 χ^2/NDF: 1363288436802 4

dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14

Left Out: -5574.062+/-0.000 χ^2/NDF:1562689011038892047530316656159376801792.0/11

Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15

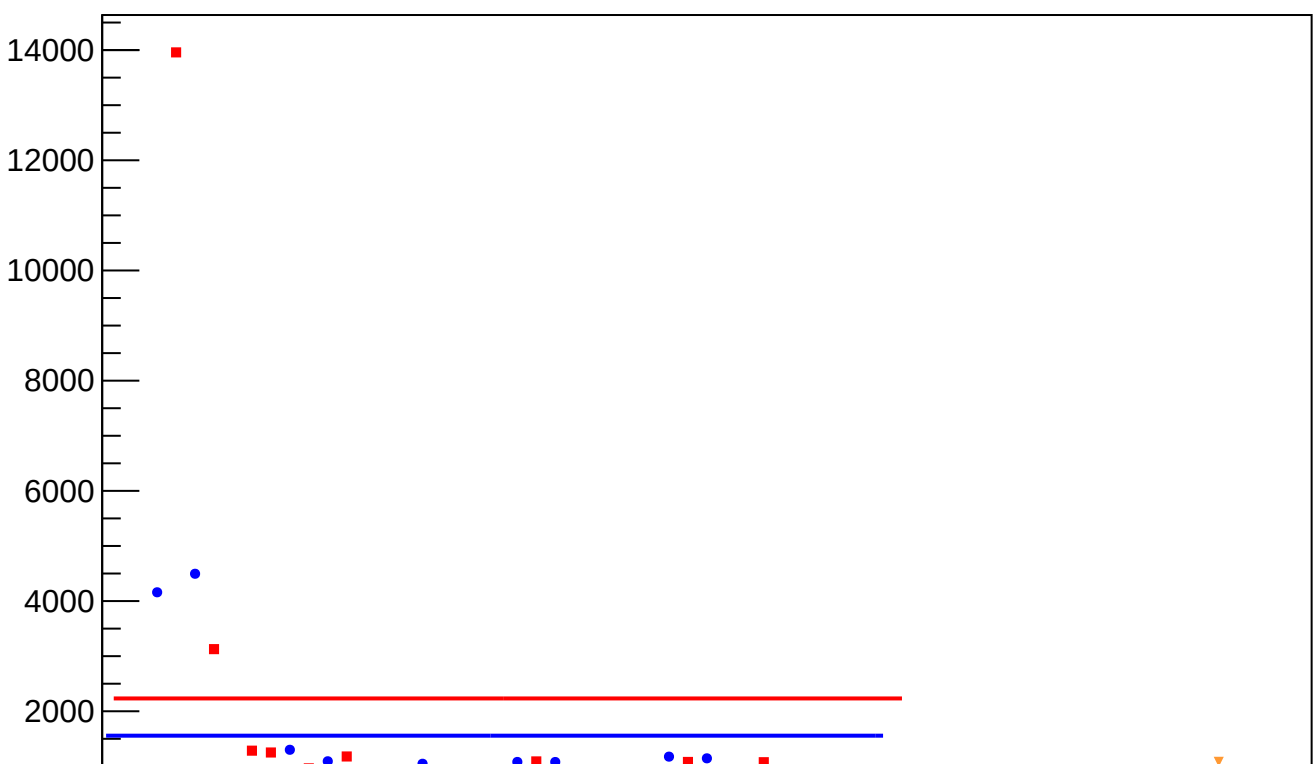
Left In: -5766.318+/-0.000 χ^2/NDF:1022802972818909167192127127927734140928.0/9

+ sign -5157.241+/-0.000 χ^2/NDF: 2614216939022

All: -5111.747+/-0.000 χ^2/NDF: 5909023990

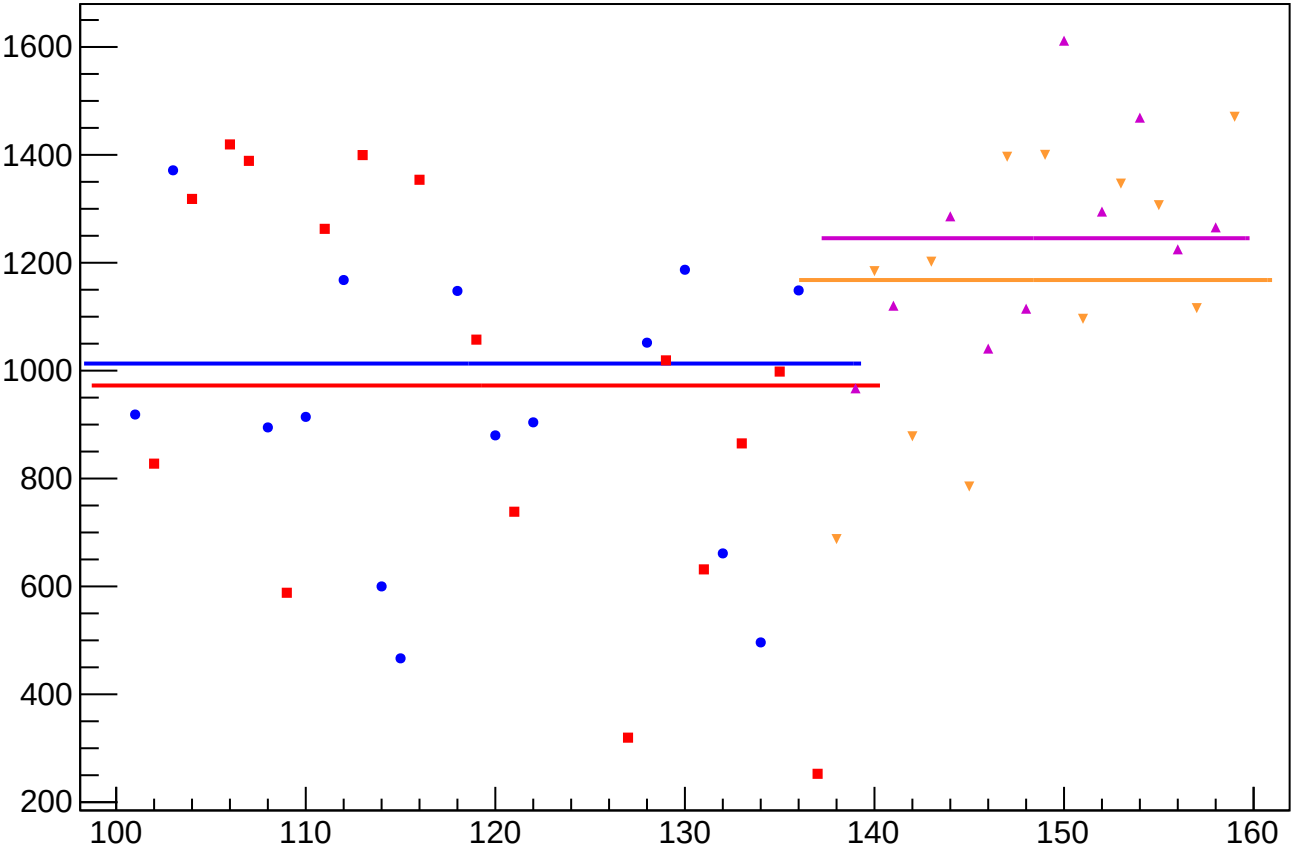
- sign -5064.783+/-0.000 χ^2/NDF: 3294148344237

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14
+ sign 1020.250+/-0.000 χ^2/NDF: 1488562242408 8
Left Out: 640.537+/-0.000 χ^2/NDF:3017065875405214816151642120907862835 2.0/11
All: 1176.825+/-0.000 χ^2/NDF: 1152077490 2
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233 2928.0/15
- sign 1338.458+/-0.000 χ^2/NDF: 99541891414632
Left In: 636.882+/-0.000 χ^2/NDF:122513355972817609933789727971407298 56.0/9

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

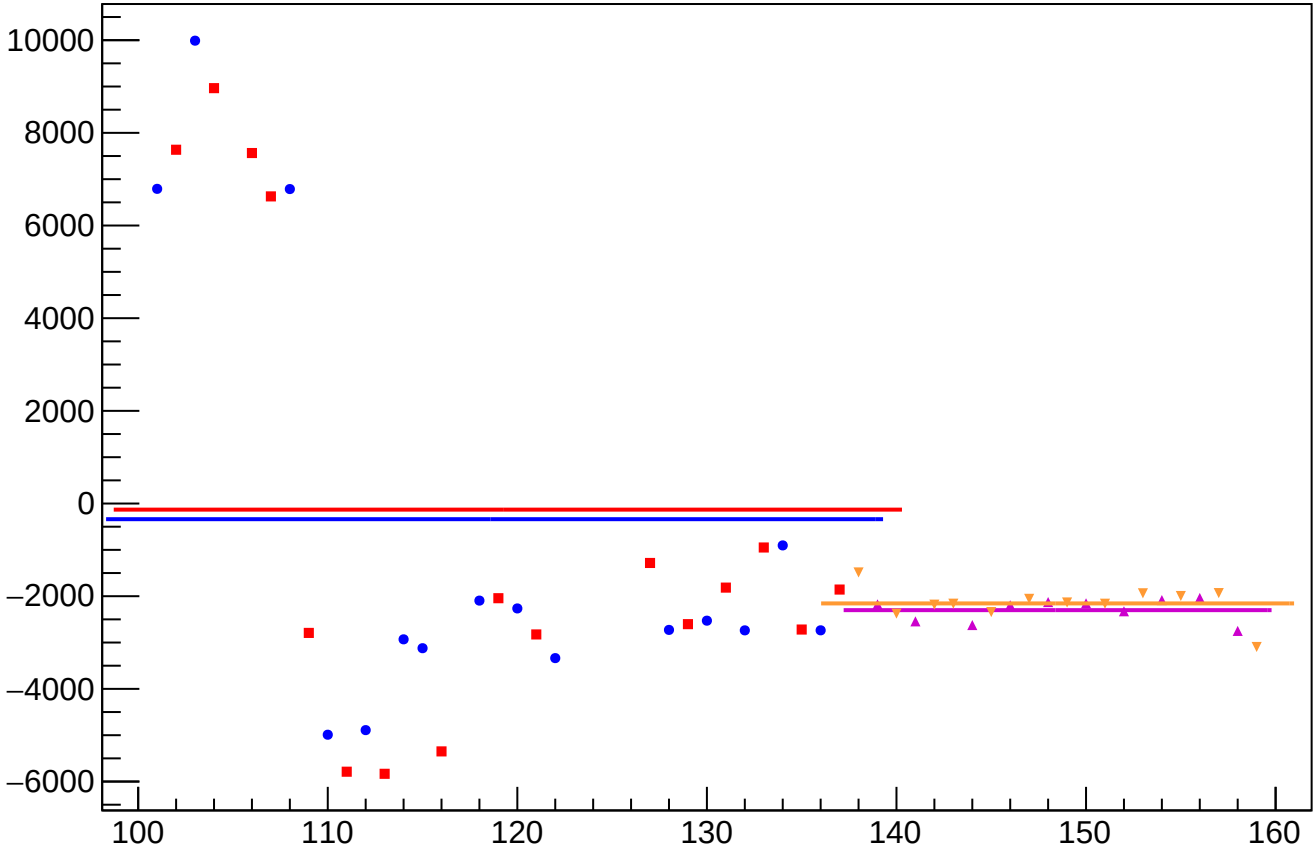
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272

All: 1114.456+/-0.000 χ^2/NDF: 2321310866

- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

+ sign -1402.379+/-0.000 χ^2/NDF: 1653167827528

Left Out: -2155.781+/-0.000 χ^2/NDF:1232193651273252322124109301352518123 52.0/11

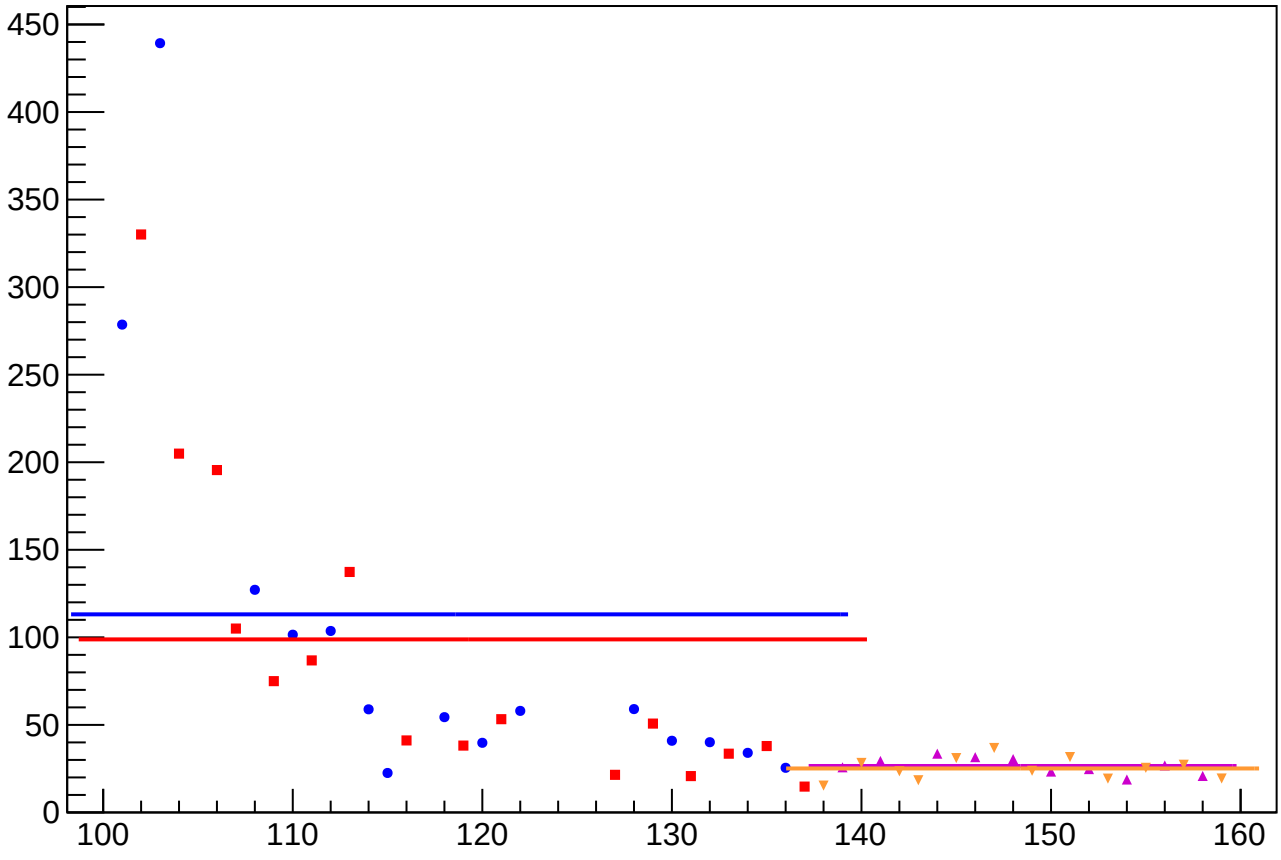
All: -1375.183+/-0.000 χ^2/NDF: 3481316047

Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15

- sign -1347.108+/-0.000 χ^2/NDF: 1827912821592 6

Left In: -2300.967+/-0.000 χ^2/NDF:4698737309078400121676005583389877 8624.0/9

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 61.597+/-0.000 χ^2/NDF: 1296766126844036

Left Out: 25.122+/-0.000 χ^2/NDF:3423655463991049901455558155907891 2.0/11

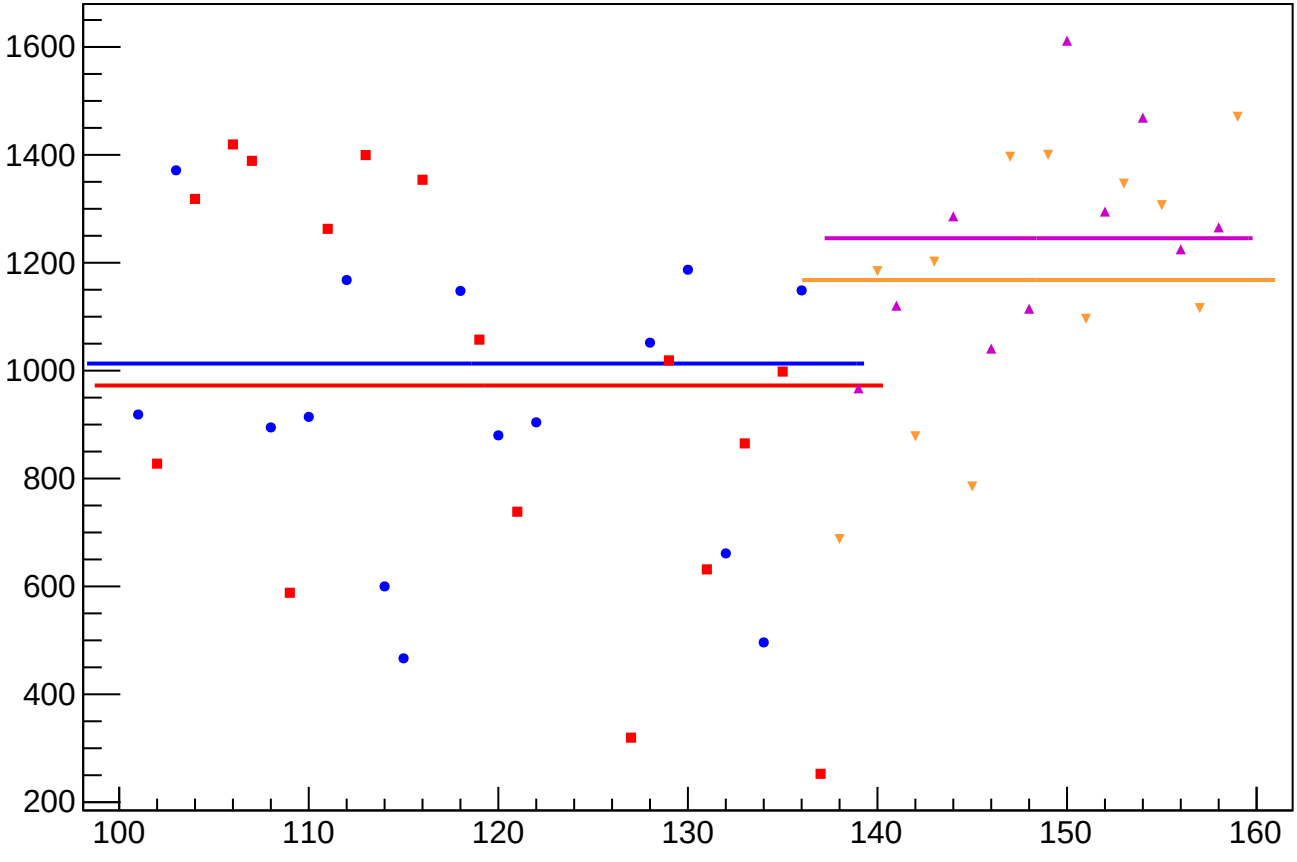
All: 59.985+/-0.000 χ^2/NDF: 204577442309 8

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 58.321+/-0.000 χ^2/NDF: 7481814684620305

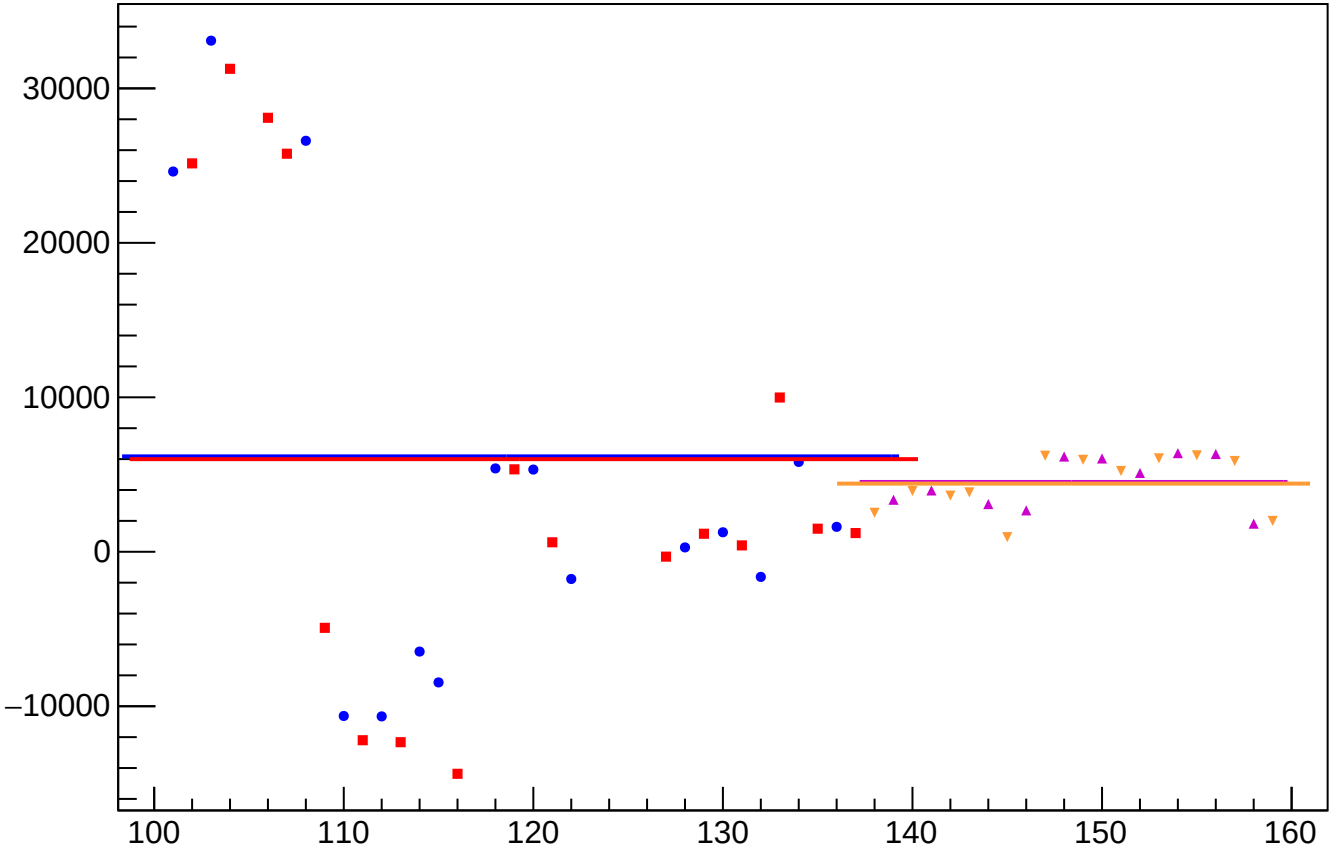
Left In: 26.531+/-0.000 χ^2/NDF:1771786451200328181806954795394662 4.0/9

dit_sam1_coil6_Ndata_mean vs Slug



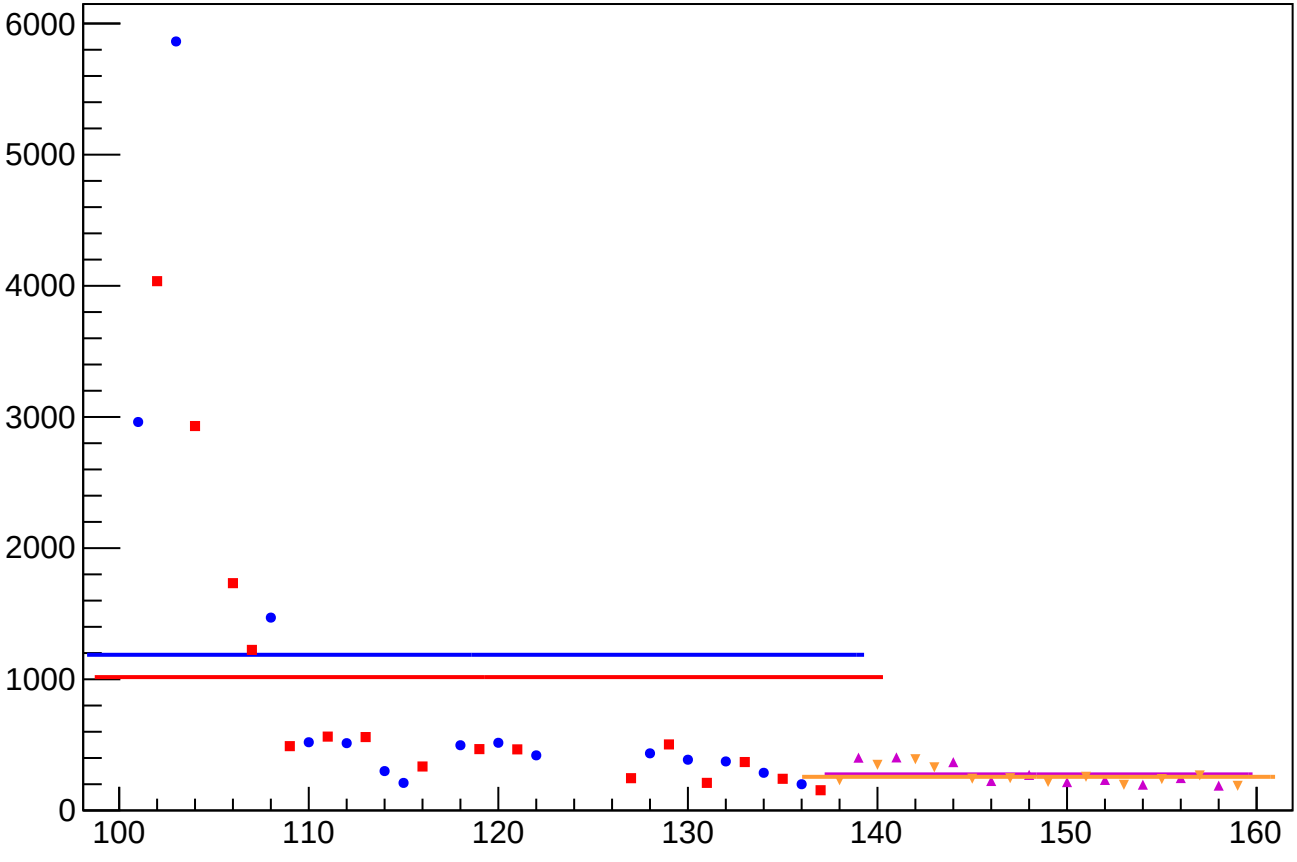
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272
Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11
All: 1114.456+/-0.000 χ^2/NDF: 2321310866
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 117260877162921223967478349050708452442112.0/14
+ sign 5143.792+/-0.000 χ^2/NDF: 12139655774063
Left Out: 4413.614+/-0.000 χ^2/NDF:29559728640274806151088846798427562967 04.0/11
All: 5156.073+/-0.000 χ^2/NDF: 2614967072 2
Right Out: 5996.727+/-0.000 χ^2/NDF: 137057710785025136543407710107916356812800.0/15
- sign 5168.751+/-0.000 χ^2/NDF: 14009966948077
Left In: 4519.034+/-0.000 χ^2/NDF:222588804150248484291579014325613048 6272.0/9

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 642.014+/-0.000 χ^2/NDF: 212825698662926

Left Out: 256.413+/-0.000 χ^2/NDF:279637799274021052723344583983890432 0.0/11

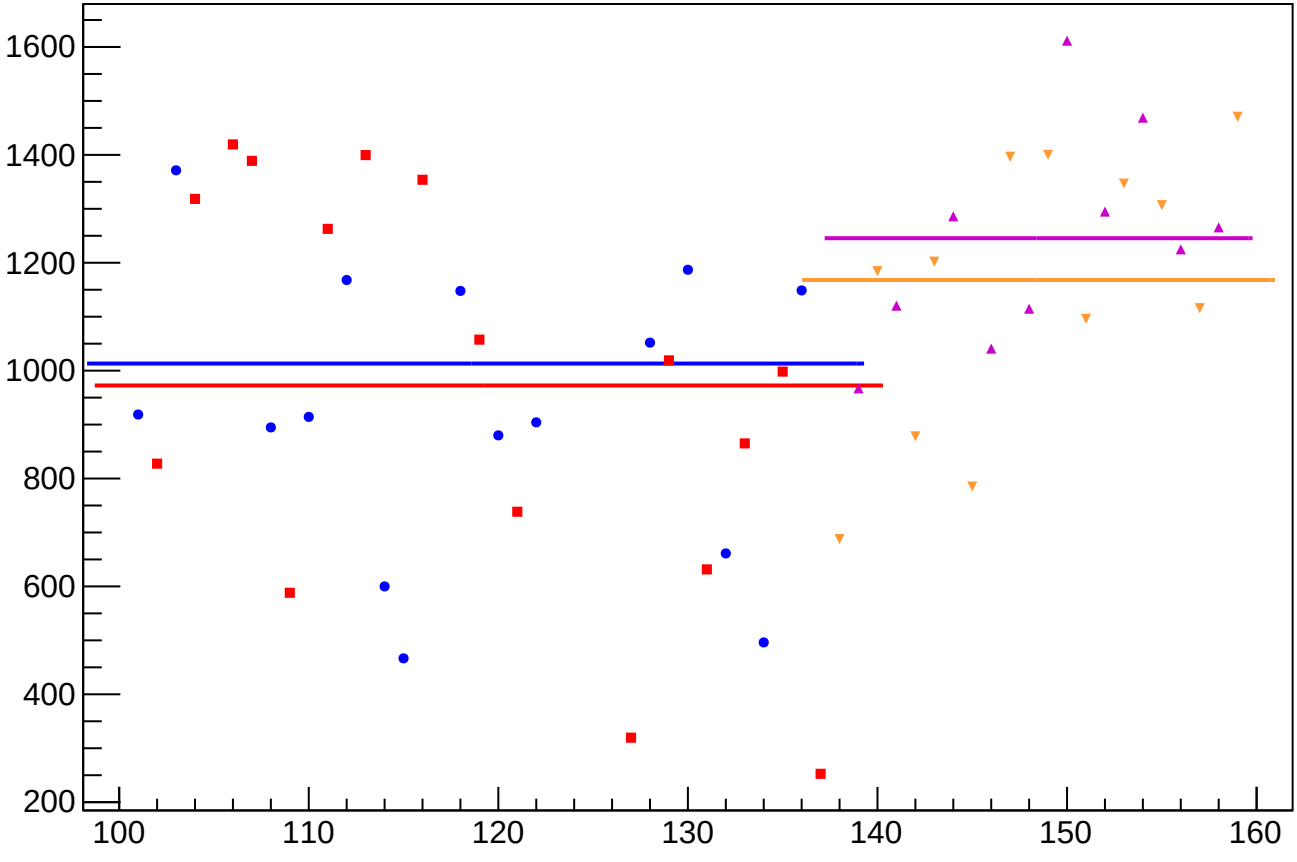
All: 621.905+/-0.000 χ^2/NDF: 326818701813

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

- sign 601.146+/-0.000 χ^2/NDF: 113864307441180

Left In: 275.034+/-0.000 χ^2/NDF:540164912757000796490958521369205 1456.0/9

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

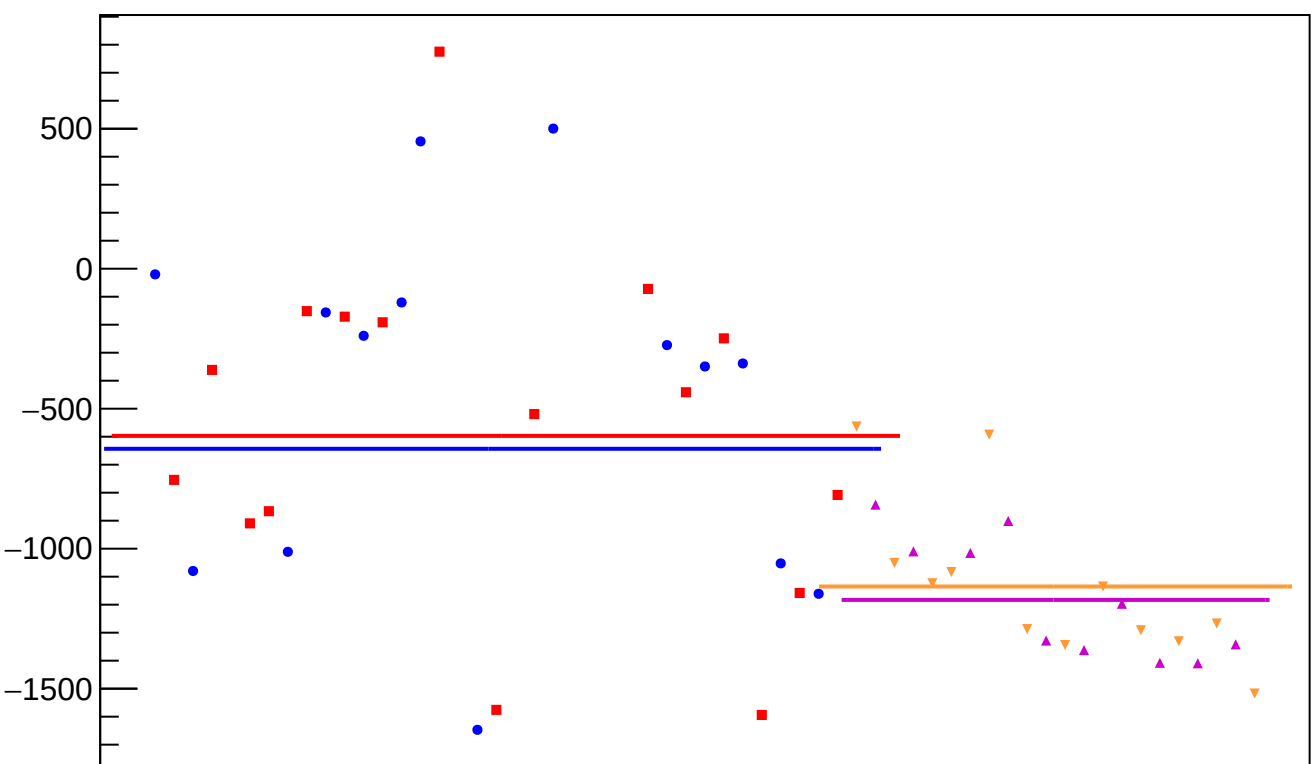
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272

All: 1114.456+/-0.000 χ^2/NDF: 2321310866

- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14

Left Out: -1135.033+/-0.000 χ^2/NDF:7378981763218616377663214601635469721 6.0/11

Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15

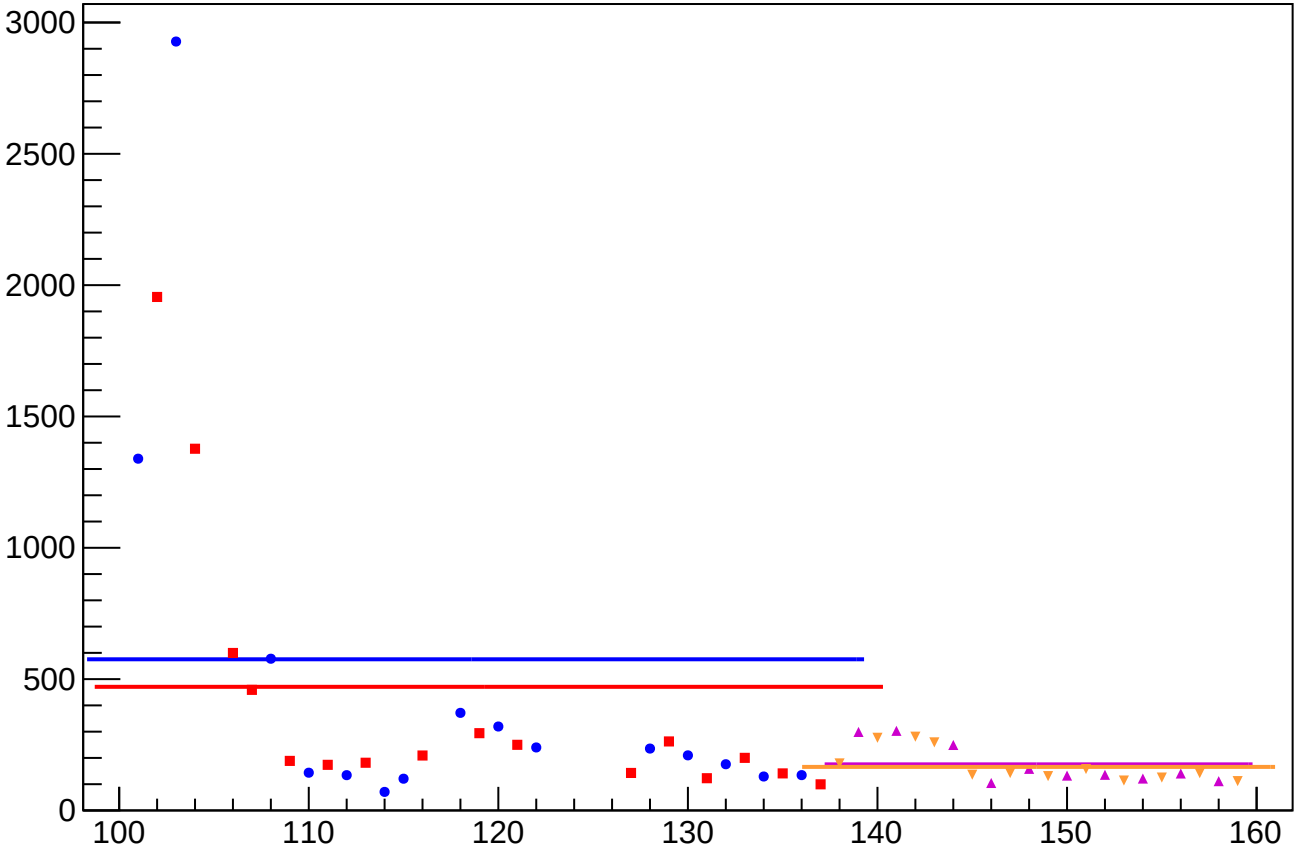
Left In: -1182.946+/-0.000 χ^2/NDF:3637555202053735554088186707351856742 4.0/9

+ sign -931.209+/-0.000 χ^2/NDF: 43844054596659

All: -928.318+/-0.000 χ^2/NDF: 8138712745 3

- sign -925.334+/-0.000 χ^2/NDF: 375404129057813

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Left Out: 165.815+/-0.000 χ^2/NDF:307773236232955660542687786866363 5968.0/11

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

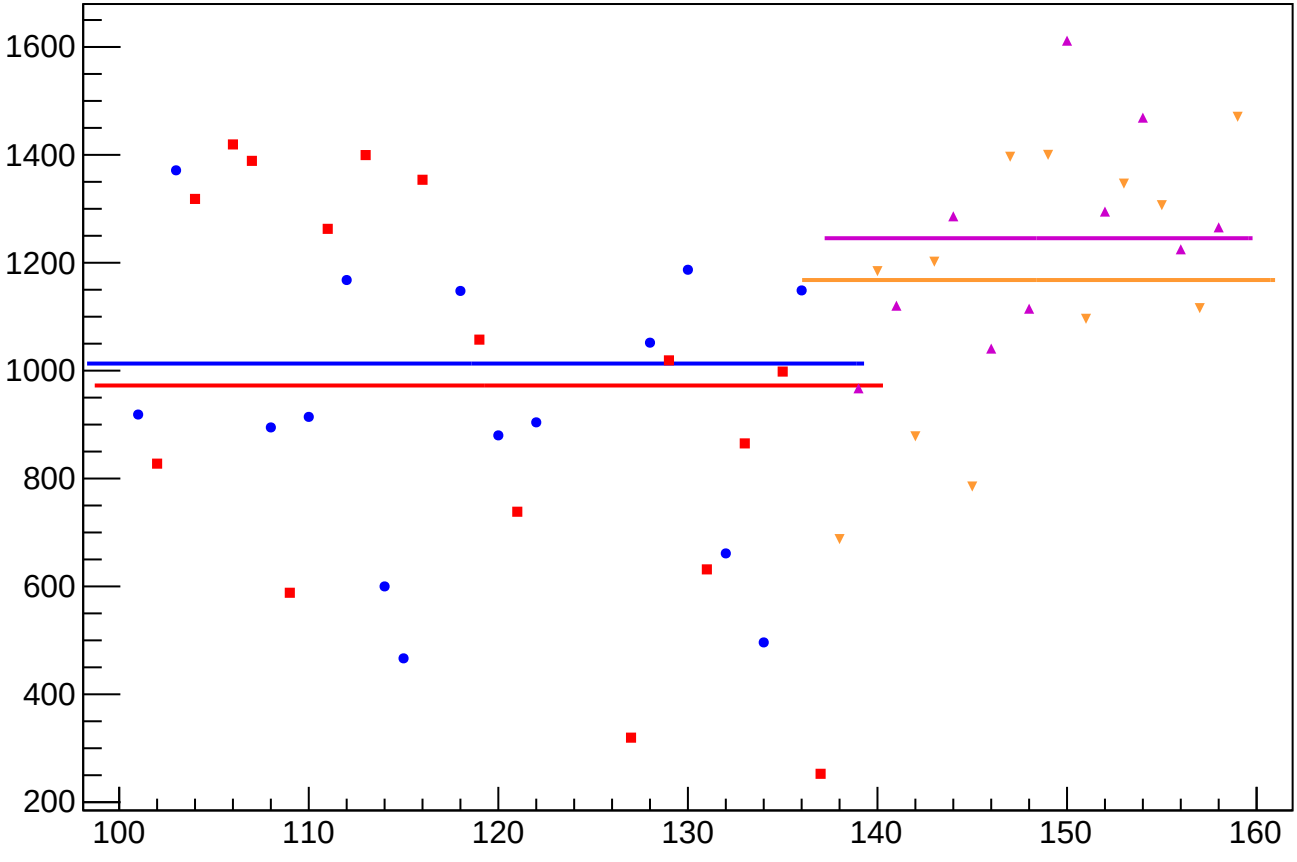
Left In: 175.504+/-0.000 χ^2/NDF:453923021025473725571981497006555 1360.0/9

+ sign 335.612+/-0.000 χ^2/NDF: 49955129212153 9

All: 320.699+/-0.000 χ^2/NDF: 746679767053

- sign 305.304+/-0.000 χ^2/NDF: 246420621242202

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

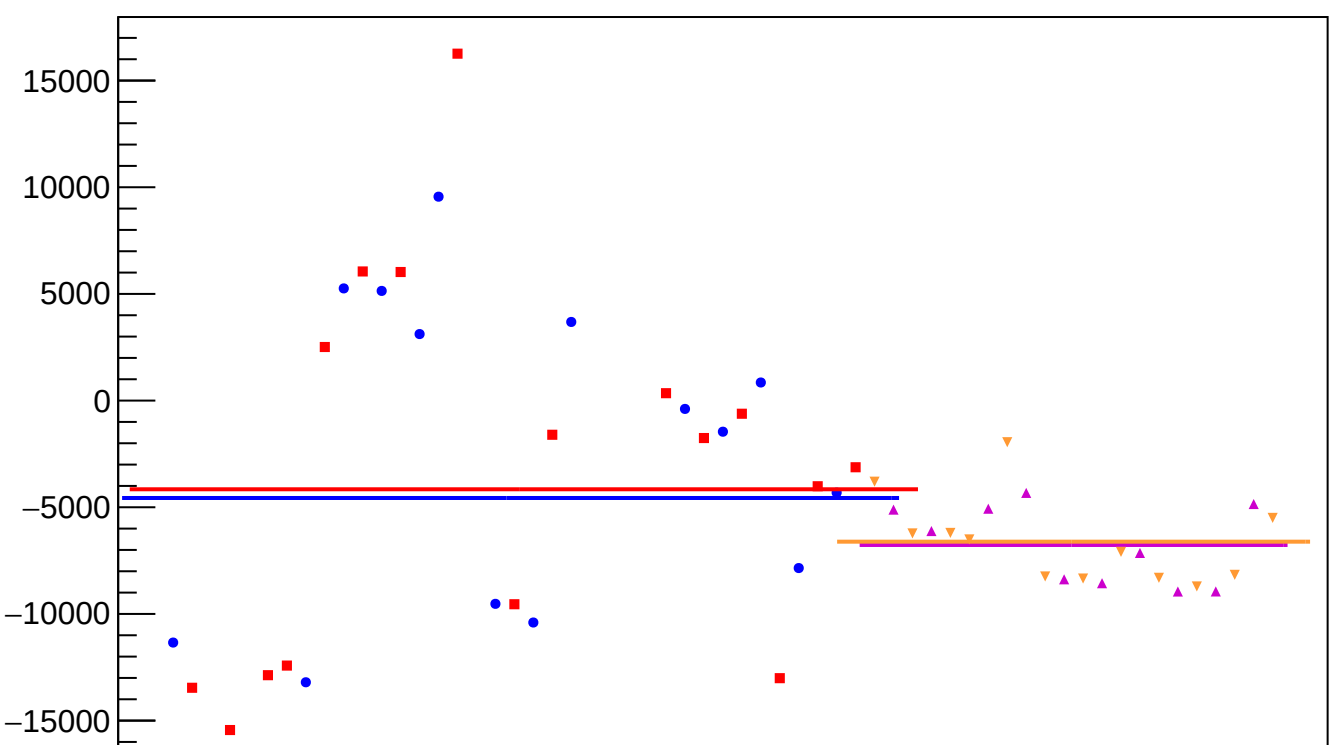
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272

All: 1114.456+/-0.000 χ^2/NDF: 2321310866

- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Left Out: -6612.752+/-0.000 χ^2/NDF:3759909720266492863199038301551573598208.0/11

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

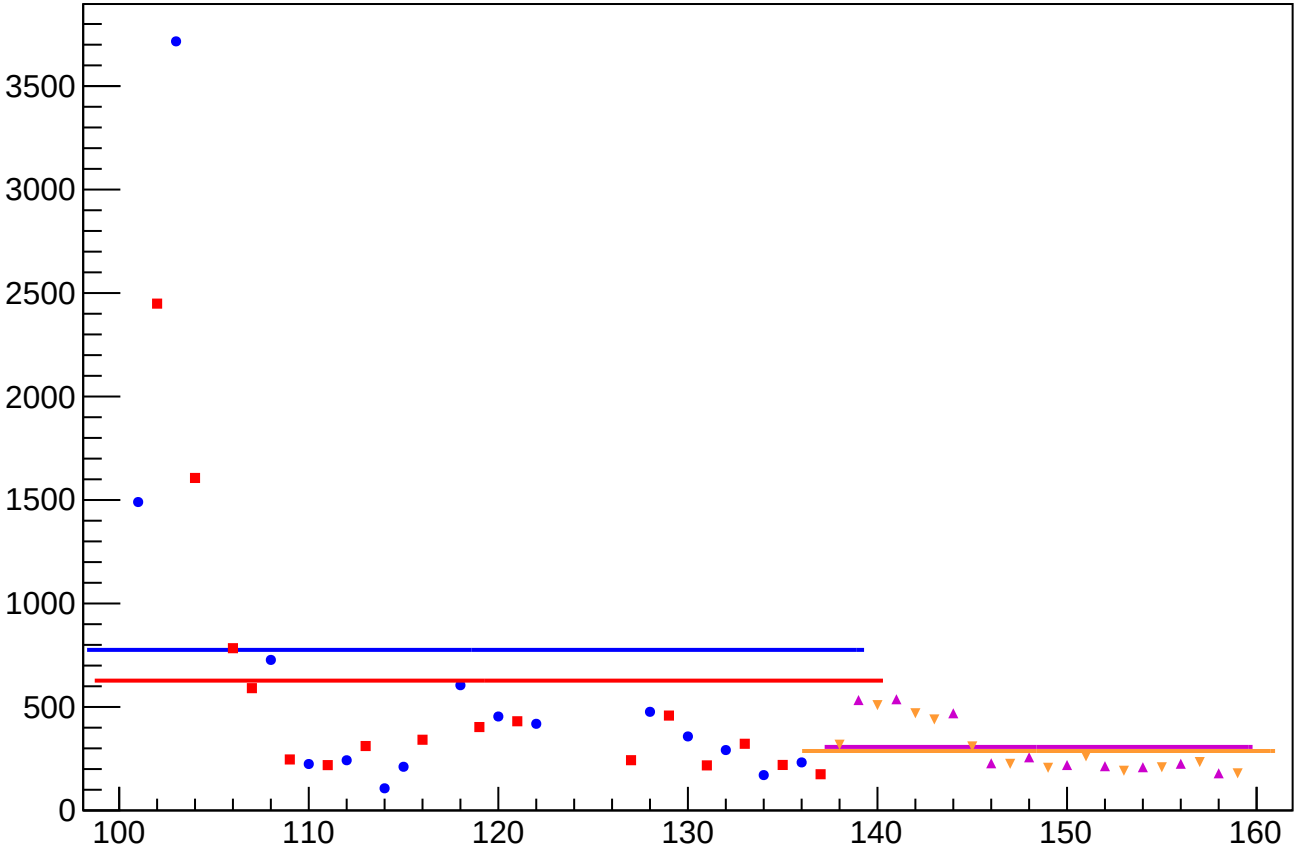
Left In: -6767.679+/-0.000 χ^2/NDF:2633962132978784741994661844815034974208.0/9

+ sign -5764.270+/-0.000 χ^2/NDF: 4102062790522

All: -5693.155+/-0.000 χ^2/NDF: 9175763343

- sign -5619.744+/-0.000 χ^2/NDF: 5072091044995 7

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 287.283+/-0.000 χ^2/NDF:105574670743417735594790697446167019 52.0/11

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

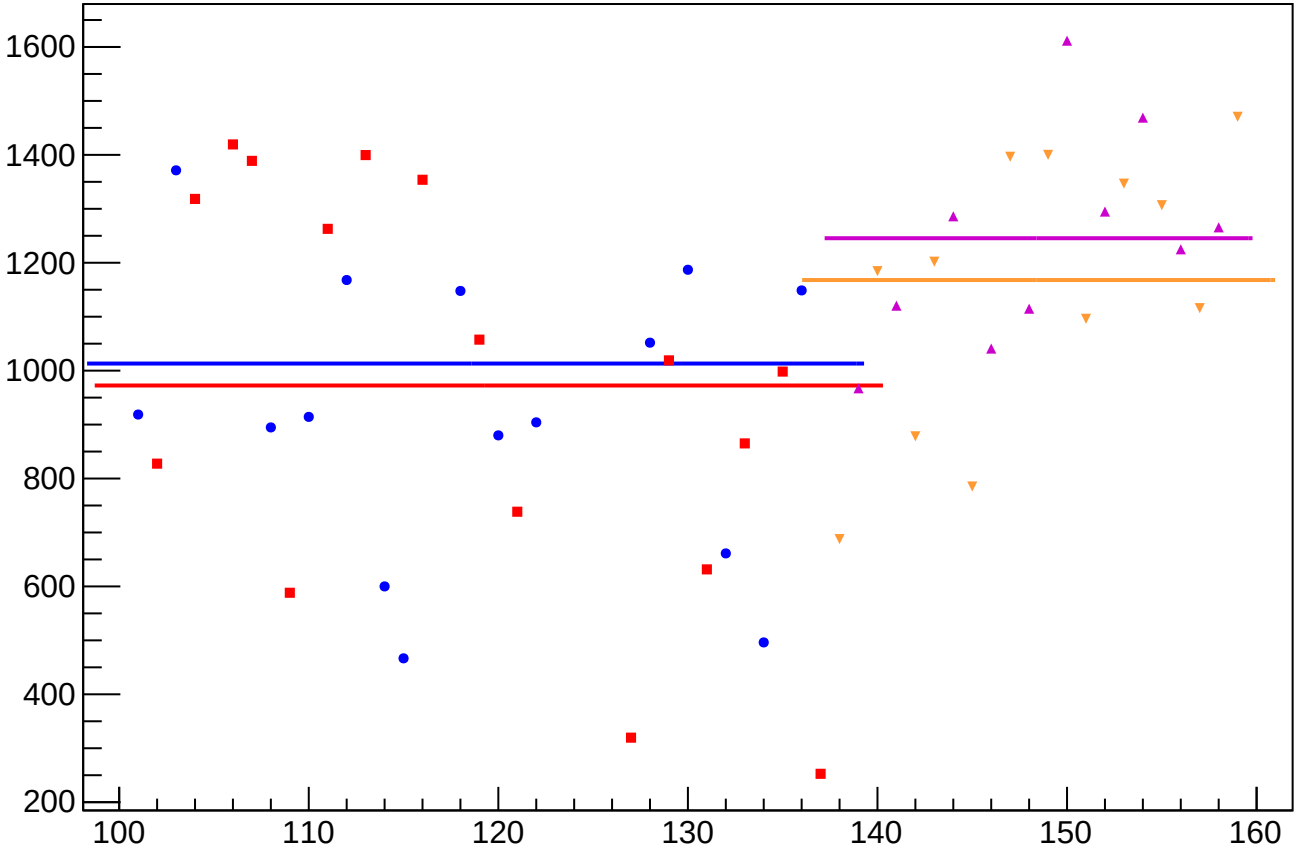
Left In: 307.003+/-0.000 χ^2/NDF:158943068817145507927025393965633372 16.0/9

+ sign 489.750+/-0.000 χ^2/NDF: 7431179919389 11

All: 469.127+/-0.000 χ^2/NDF: 10962282039 3

- sign 447.839+/-0.000 χ^2/NDF: 351756685491033

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

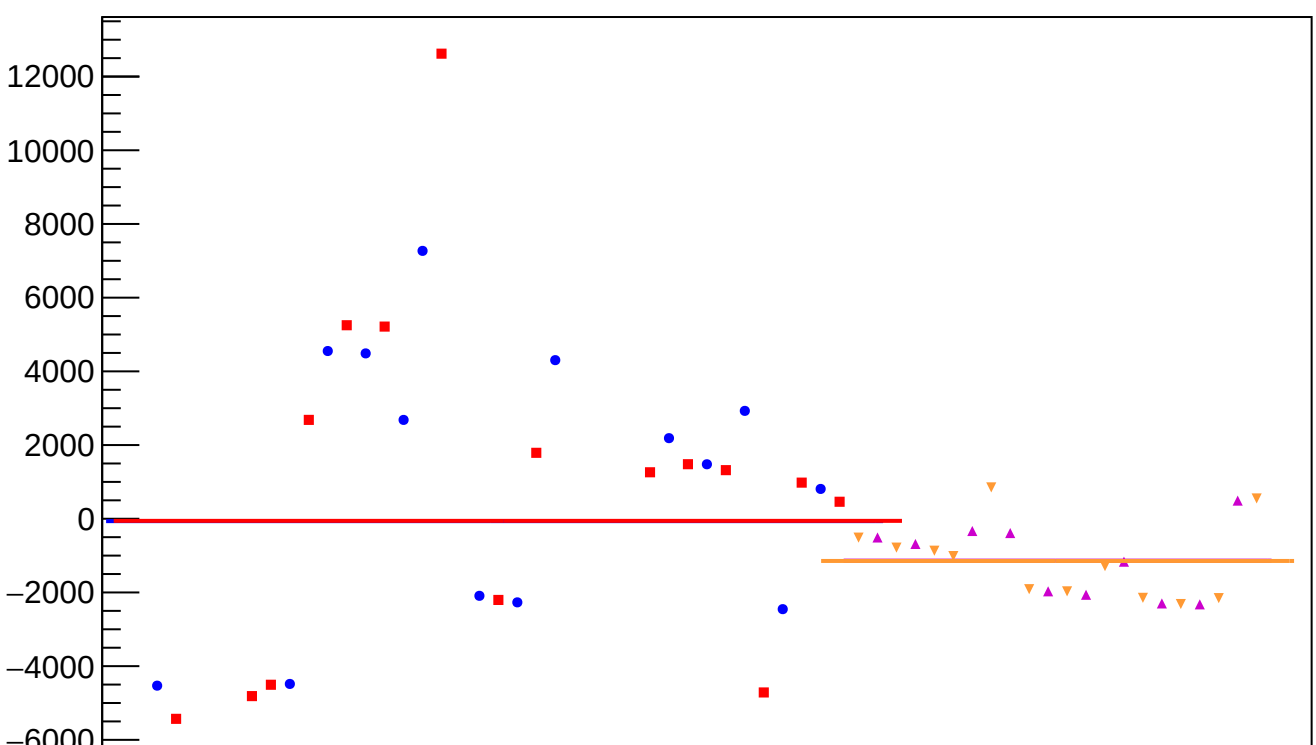
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1114.456+/-0.000 χ^2/NDF: 2321310866 0

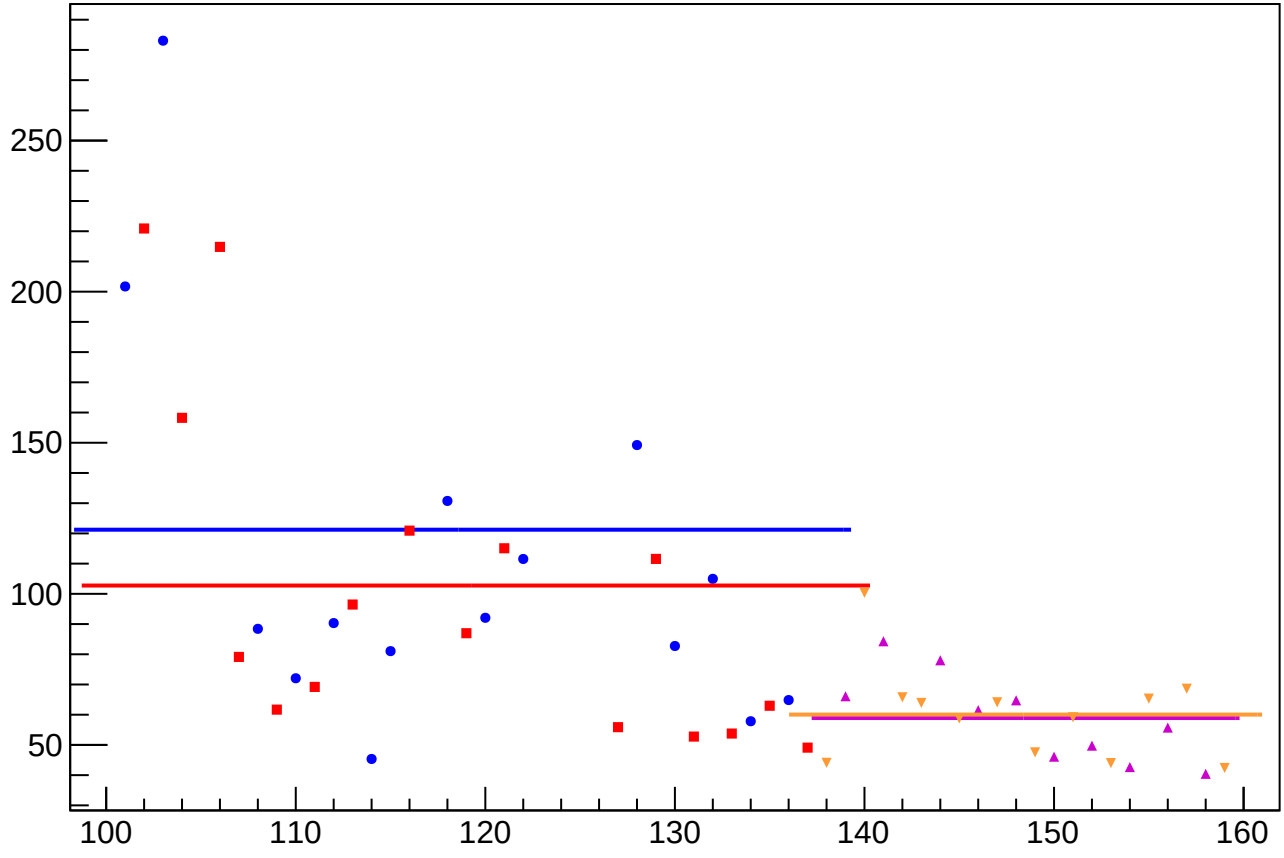
- sign 1125.448+/-0.000 χ^2/NDF: 1363288436802 4

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
+ sign -697.473+/-0.000 χ^2/NDF: 11037002785957
Left Out: -1145.277+/-0.000 χ^2/NDF:979075596349520821974350897813840199680.0/11
All: -679.997+/-0.000 χ^2/NDF: 2599178226 0
Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779 79904.0/15
- sign -661.957+/-0.000 χ^2/NDF: 14953807521500 6
Left In: -1136.491+/-0.000 χ^2/NDF:7375238786041509145688285722855153336 32.0/9

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

+ sign 85.399+/-0.000 χ^2/NDF: 4371083748180791

Left Out: 60.042+/-0.000 χ^2/NDF:225194152627424805036116621962248192.0/11

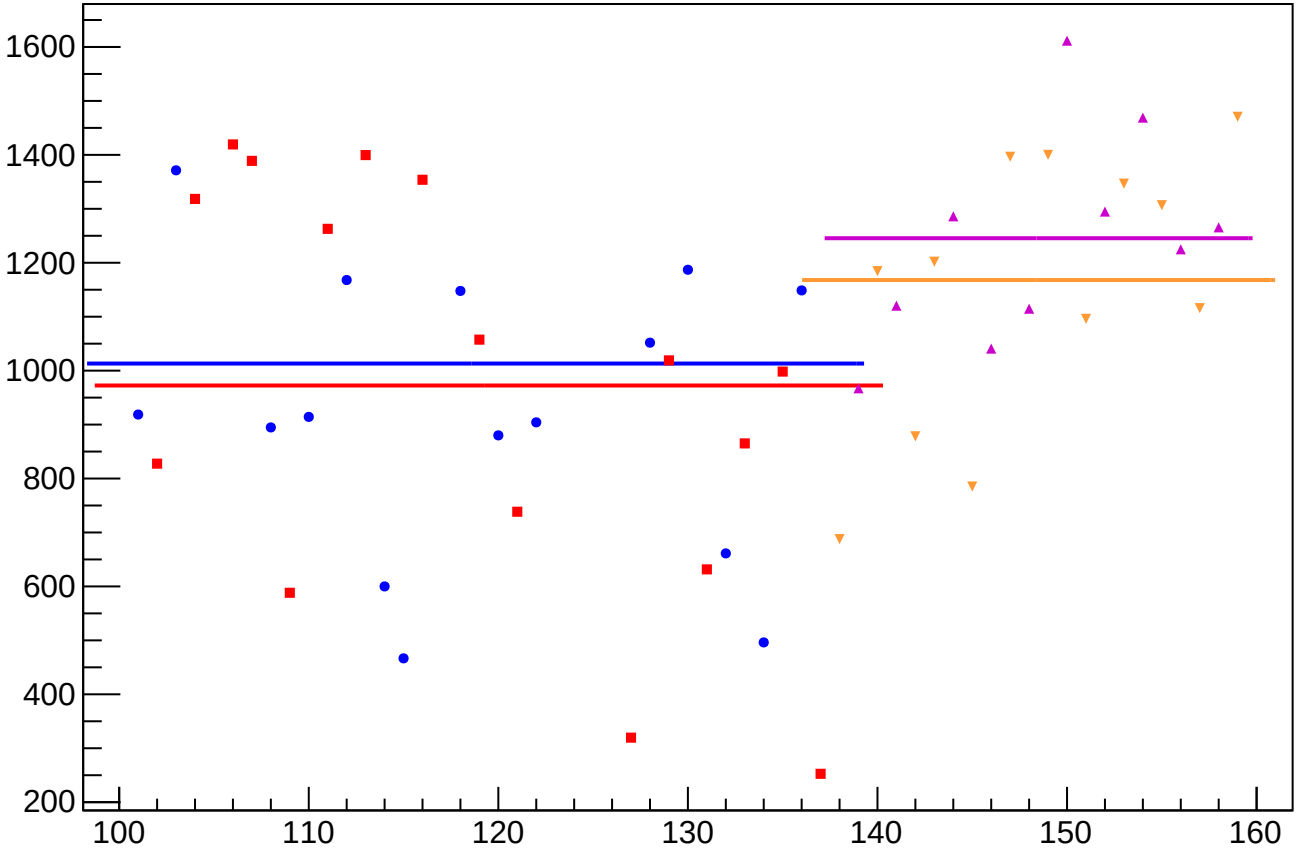
All: 81.848+/-0.000 χ^2/NDF: 726638318468 9

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

- sign 78.181+/-0.000 χ^2/NDF: 2855149912600578

Left In: 58.903+/-0.000 χ^2/NDF:168982164788728176175332737501102080.0/9

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

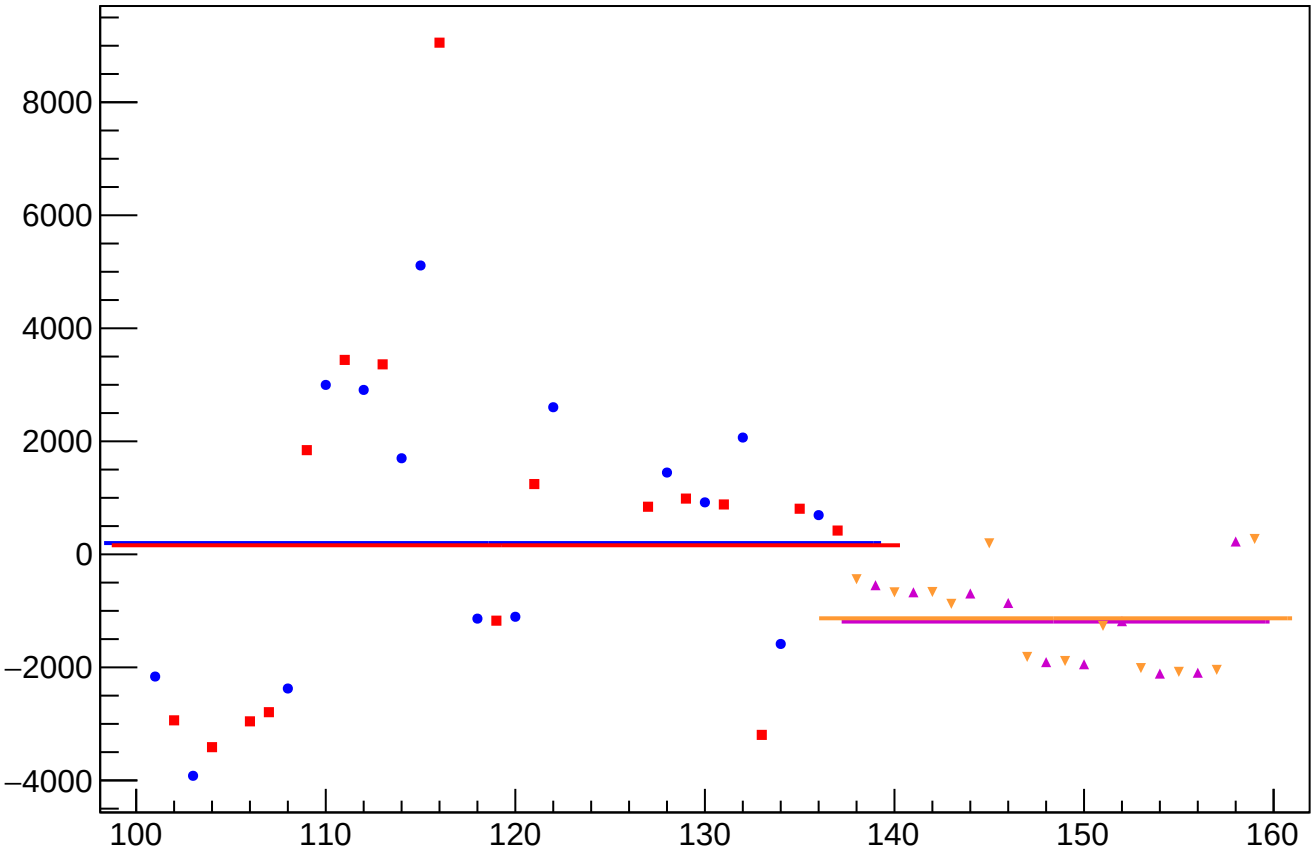
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272

All: 1114.456+/-0.000 χ^2/NDF: 2321310866

- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14

Left Out: -1131.740+/-0.000 χ^2/NDF:658434610169859056709733978264796397568.0/11

Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149337 6.0/15

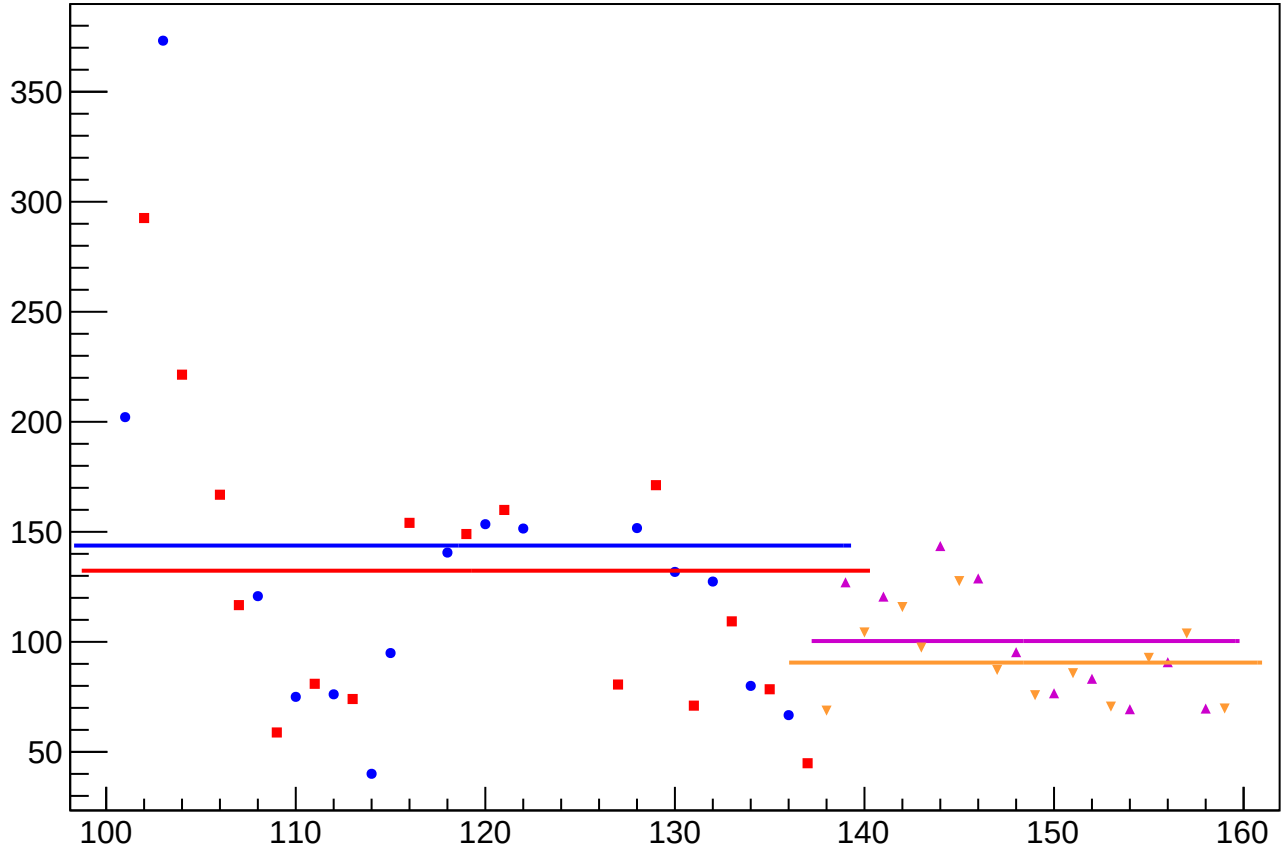
Left In: -1189.646+/-0.000 χ^2/NDF:486098419220033497908045253773457620992.0/9

+ sign -580.031+/-0.000 χ^2/NDF: 46000935679809

All: -587.890+/-0.000 χ^2/NDF: 1144824942 1

- sign -596.003+/-0.000 χ^2/NDF: 68479592578615 7

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

+ sign 112.623+/-0.000 χ^2/NDF: 58897442853677 5

Left Out: 90.584+/-0.000 χ^2/NDF:300208511037372941883923935499649024.0/11

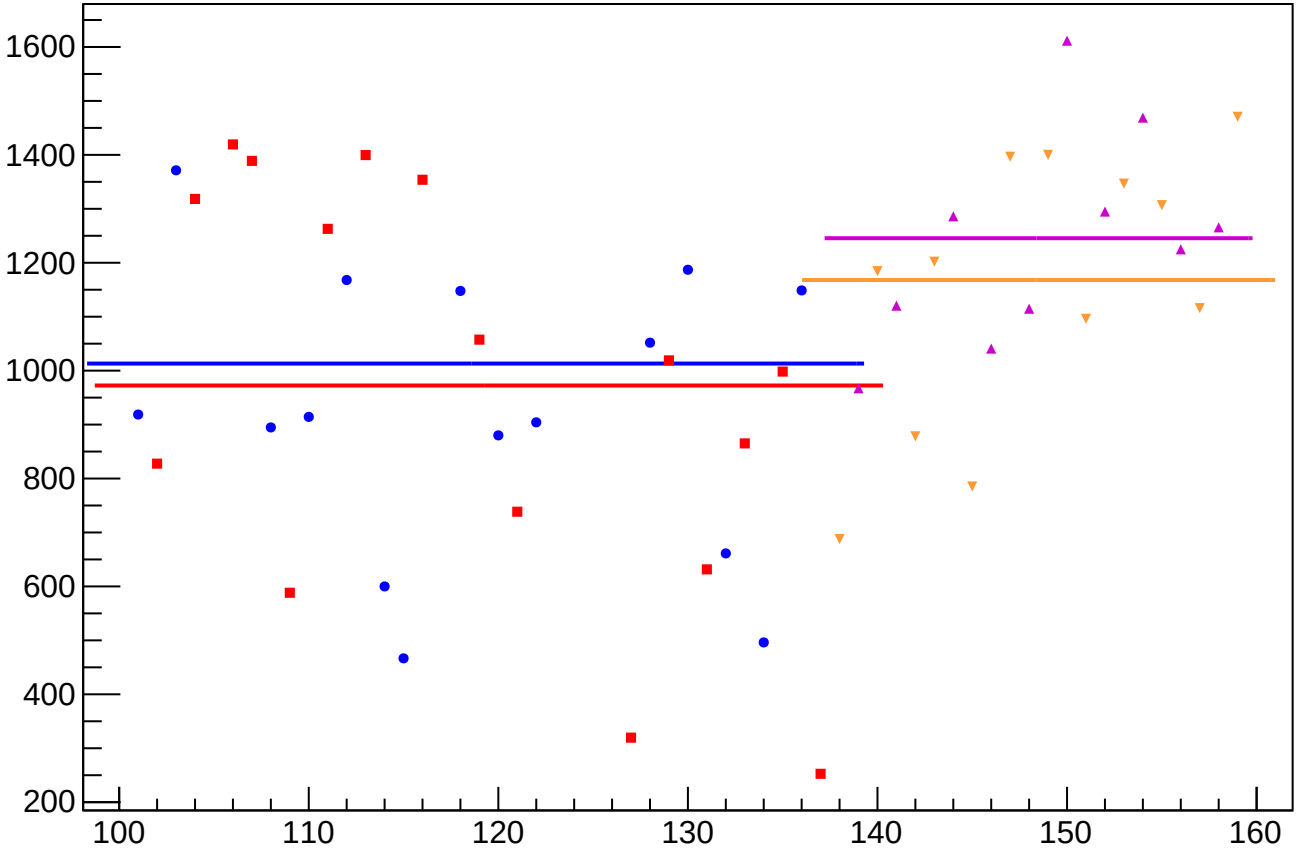
All: 113.512+/-0.000 χ^2/NDF: 10021756501 6

Right Out: 132.341+/-0.000 χ^2/NDF: 31740879087962452876823599142823526 40.0/15

- sign 114.429+/-0.000 χ^2/NDF: 41295015466298 2

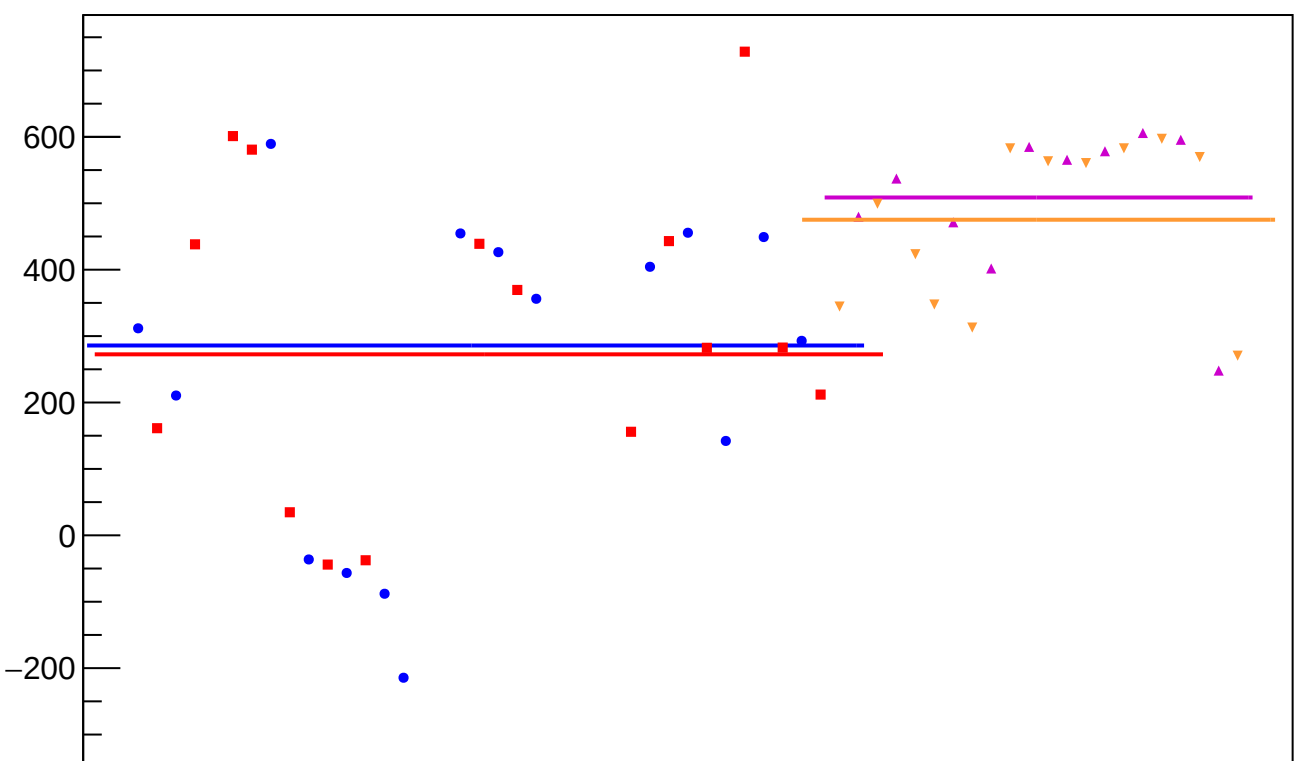
Left In: 100.373+/-0.000 χ^2/NDF:57347981282880909784586658179868 2624.0/9

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272
Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11
All: 1114.456+/-0.000 χ^2/NDF: 2321310866
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 475.235+/-0.000 χ^2/NDF:1307081868746512687407548052152306892 8.0/11

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

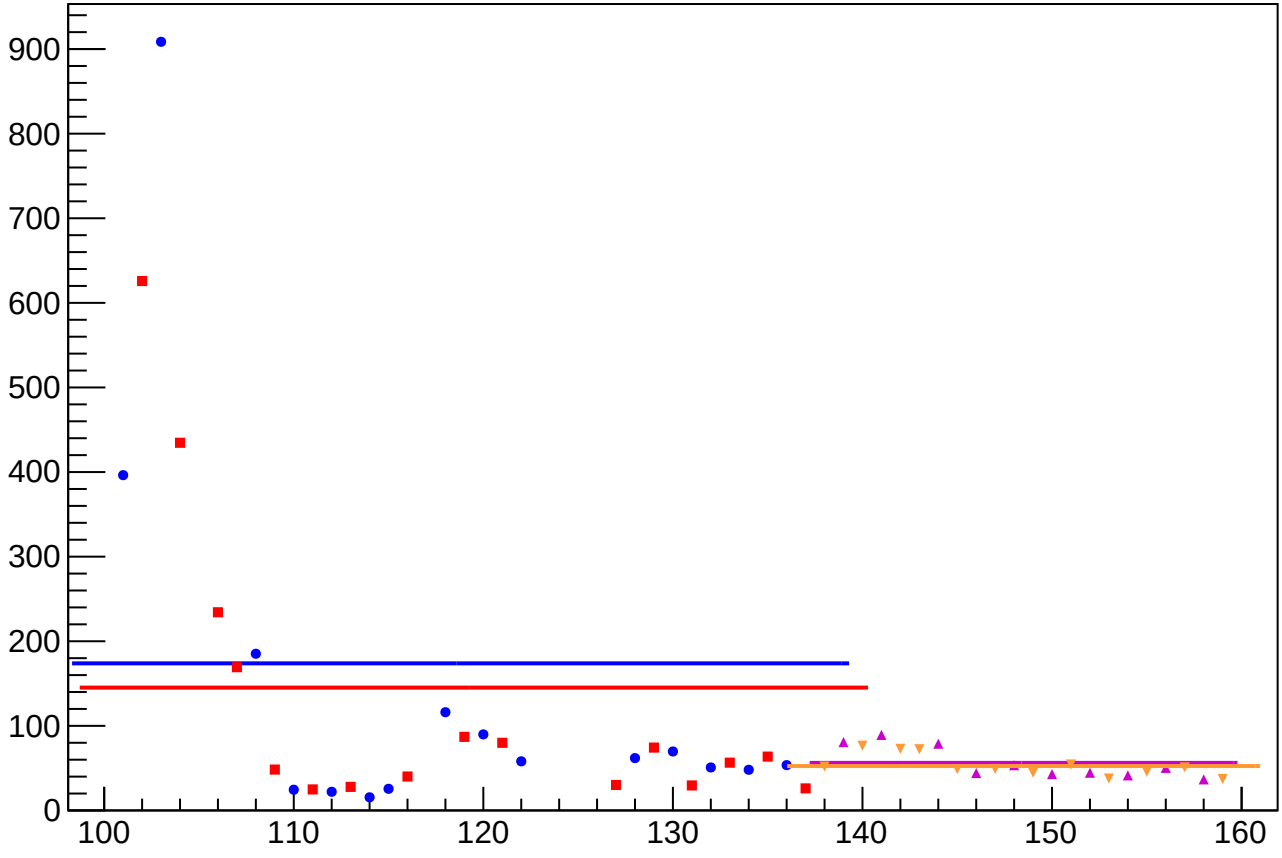
Left In: 508.721+/-0.000 χ^2/NDF:9360944205242480036148096412573237248.0/9

+ sign 396.751+/-0.000 χ^2/NDF: 508087742294544

All: 400.748+/-0.000 χ^2/NDF: 12521802778 2

- sign 404.875+/-0.000 χ^2/NDF: 743583886245883

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

+ sign 102.790+/-0.000 χ^2/NDF: 474462044613621

Left Out: 52.484+/-0.000 χ^2/NDF:14098252231235537526648380267167744 0.0/11

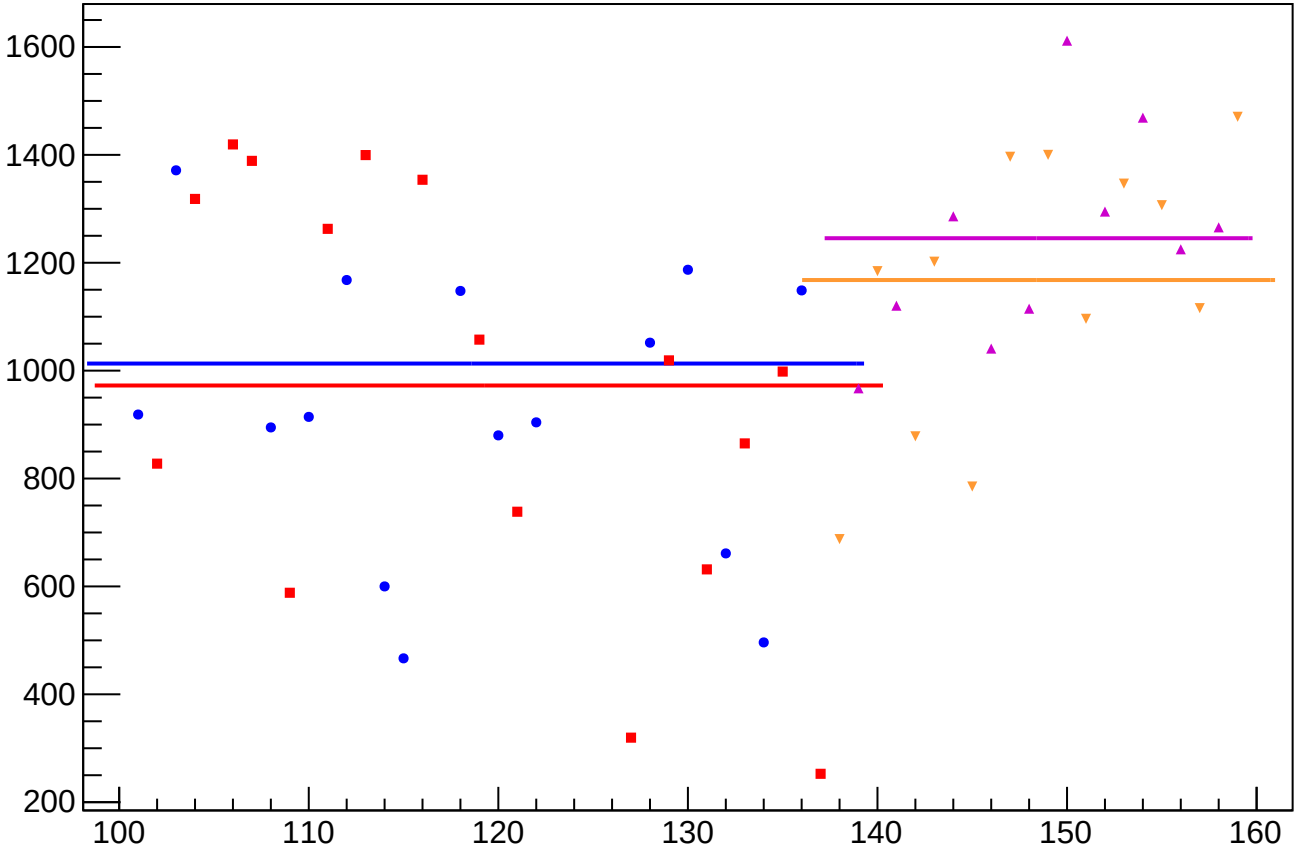
All: 99.138+/-0.000 χ^2/NDF: 732586900526 7

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 95.367+/-0.000 χ^2/NDF: 2577002776321151

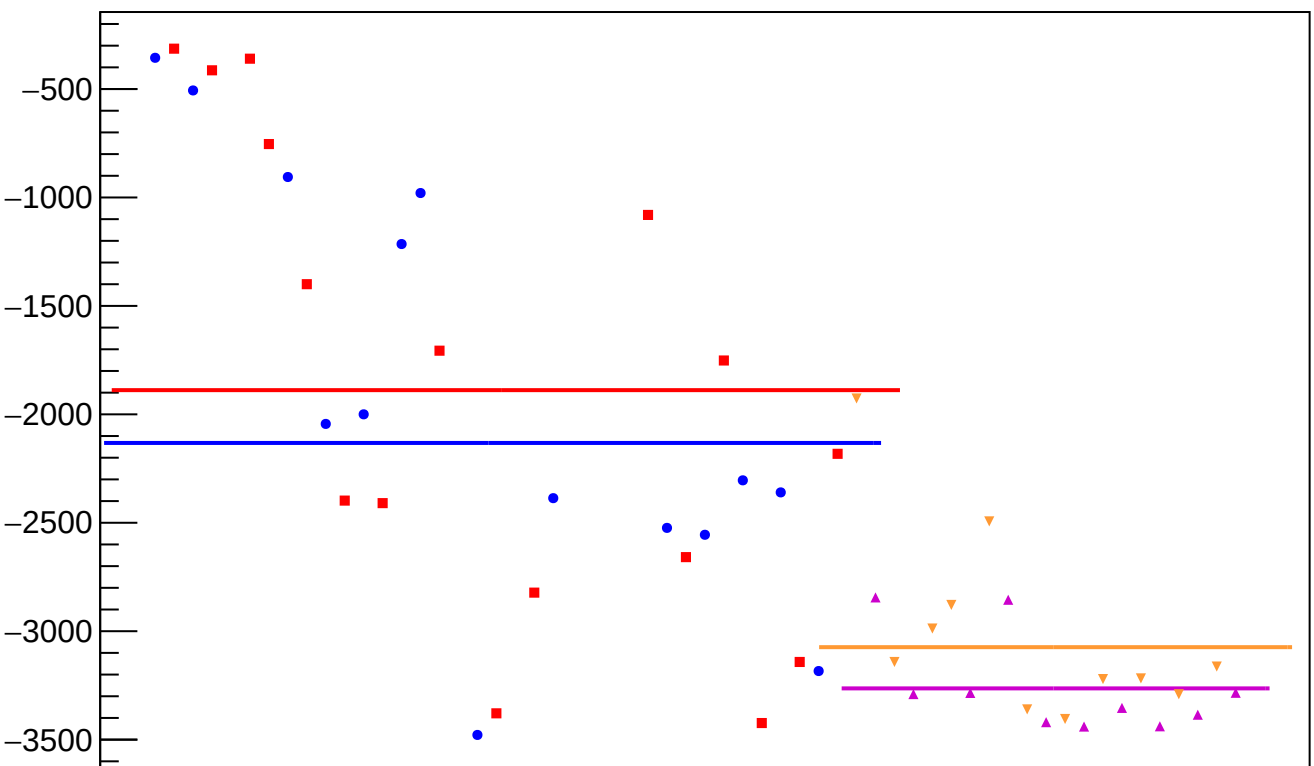
Left In: 56.242+/-0.000 χ^2/NDF:2809945101622541661763737425501224 96.0/9

dit_sam7_coil6_Ndata_mean vs Slug



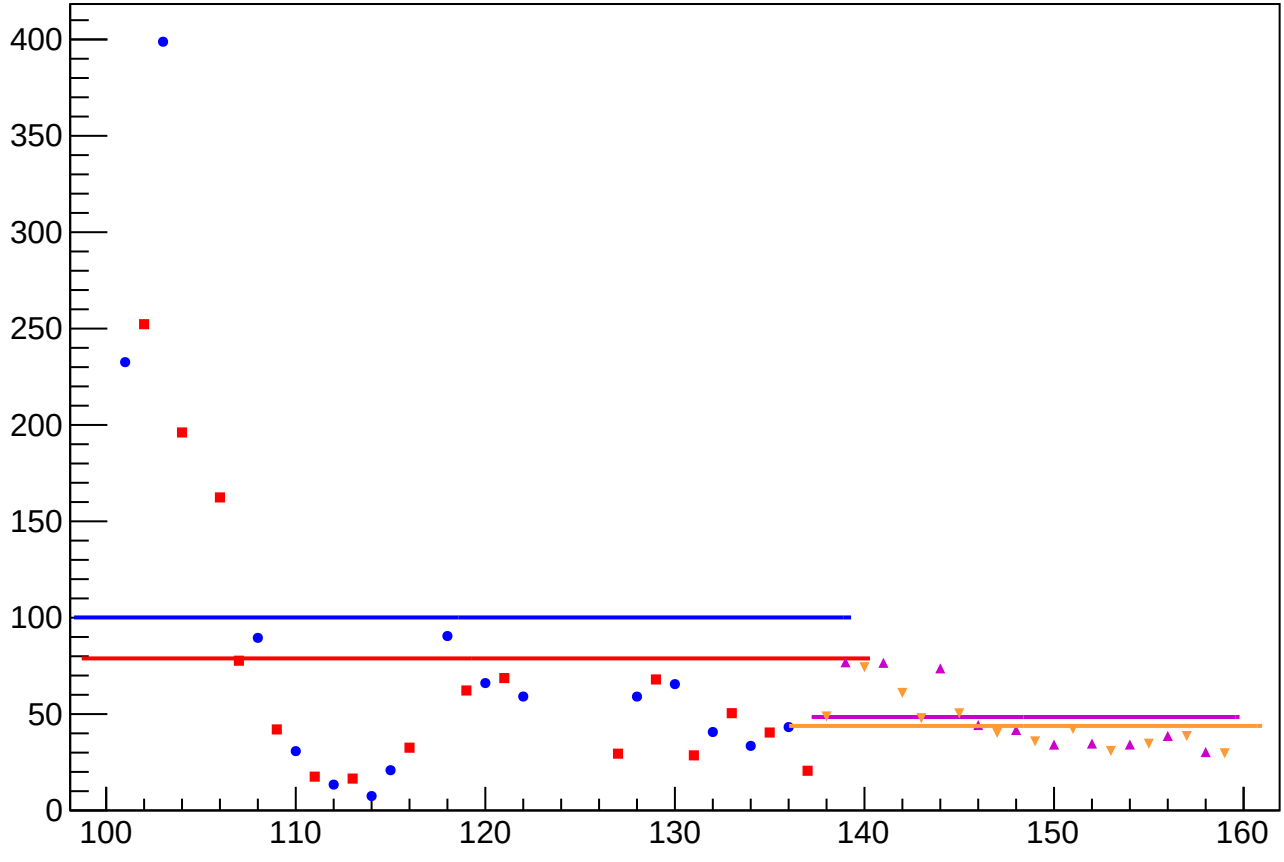
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272
Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11
All: 1114.456+/-0.000 χ^2/NDF: 2321310866
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
+ sign -2683.355+/-0.000 χ^2/NDF: 1246857732983
Left Out: -3073.640+/-0.000 χ^2/NDF:1873855824368527837793696110009940705 28.0/11
All: -2671.388+/-0.000 χ^2/NDF: 2783875355
Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
- sign -2659.035+/-0.000 χ^2/NDF: 1536561855820
Left In: -3263.719+/-0.000 χ^2/NDF:3771137142998393598333505569616088268 8.0/9

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 67.177+/-0.000 χ^2/NDF: 9159773877688145

Left Out: 43.850+/-0.000 χ^2/NDF:1419169669218025909826122649666846 72.0/11

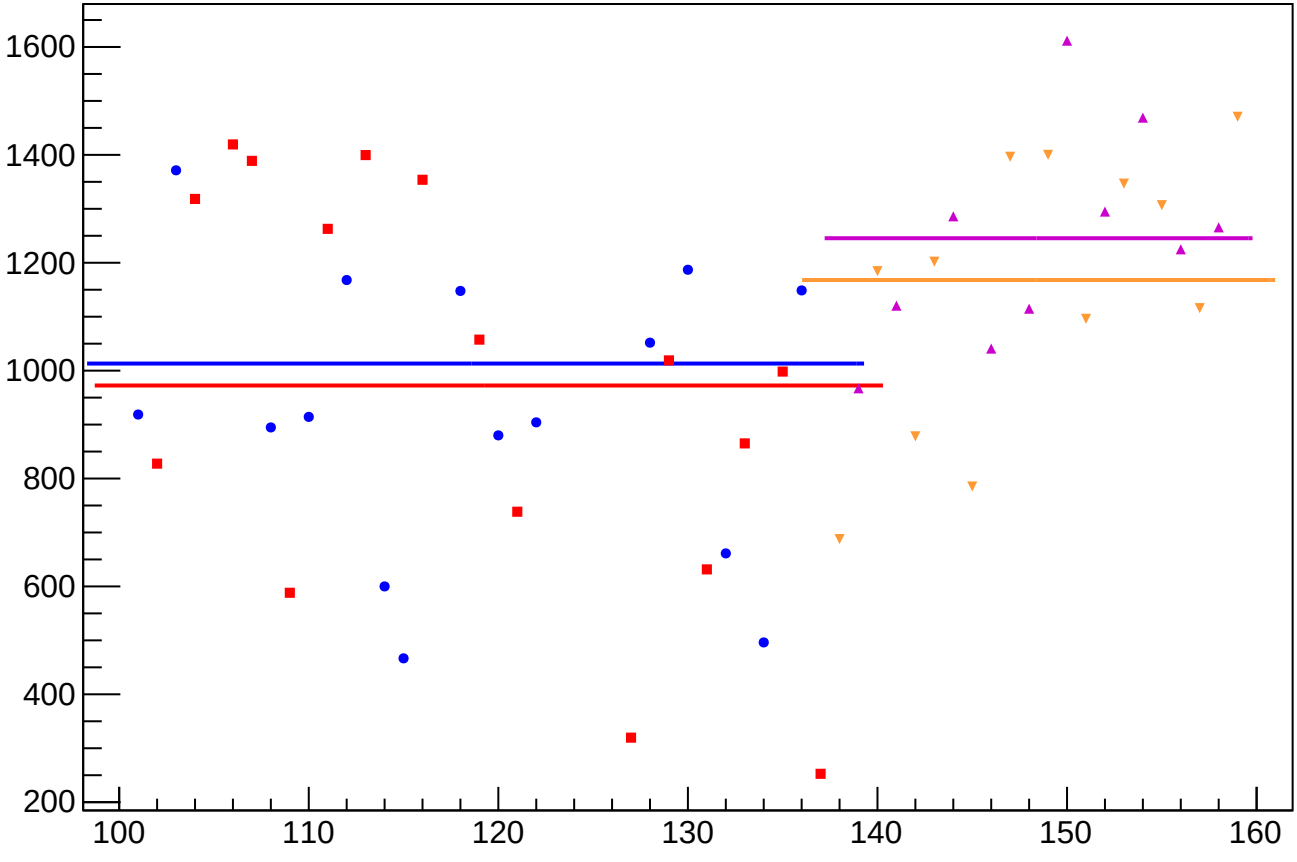
All: 64.555+/-0.000 χ^2/NDF: 133342018009 4

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 61.848+/-0.000 χ^2/NDF: 4152548323268632

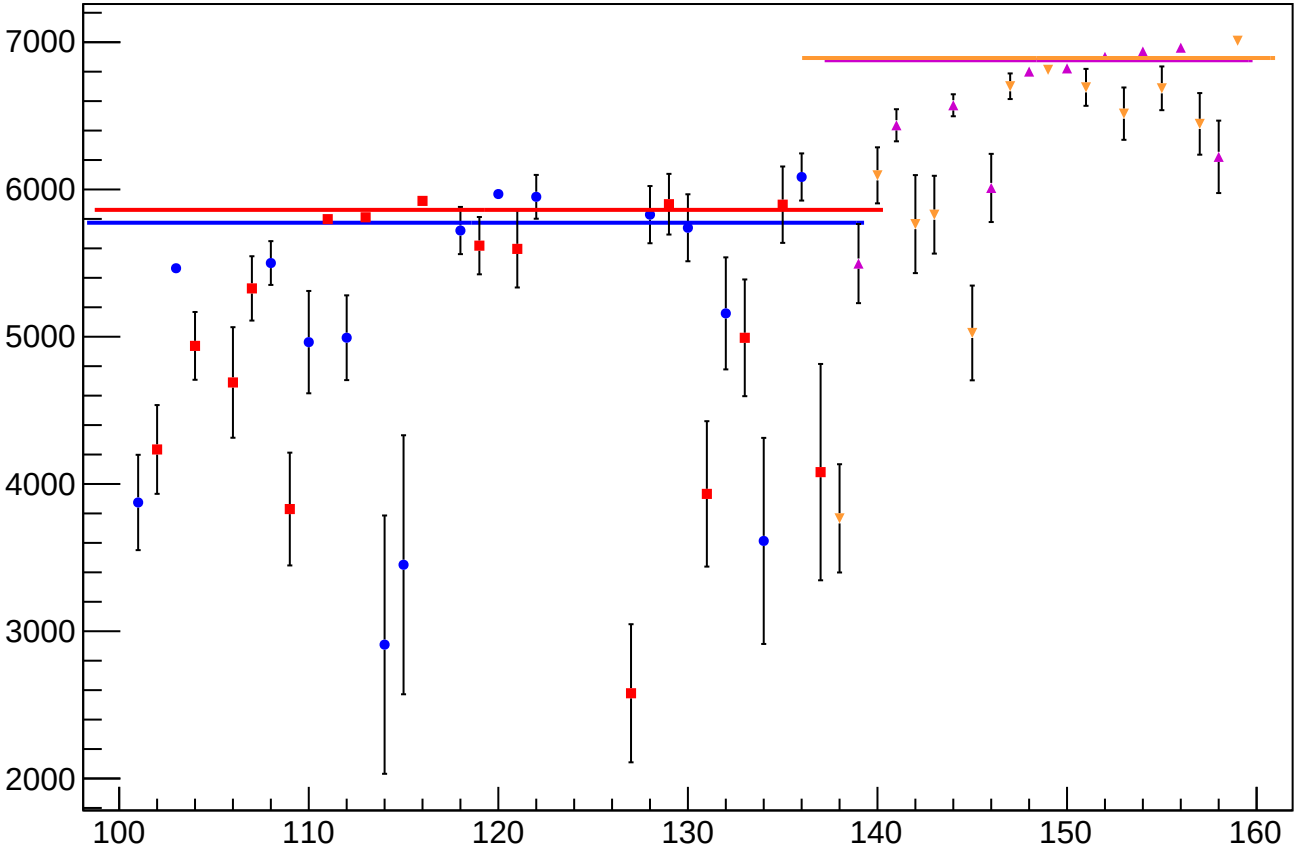
Left In: 48.482+/-0.000 χ^2/NDF:2820544752727413108552955734219816 96.0/9

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272
Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11
All: 1114.456+/-0.000 χ^2/NDF: 2321310866
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1125.448+/-0.000 χ^2/NDF: 13632884368024
Left In: 1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6892.763+/-0.240 χ^2/NDF:163987.5/11

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

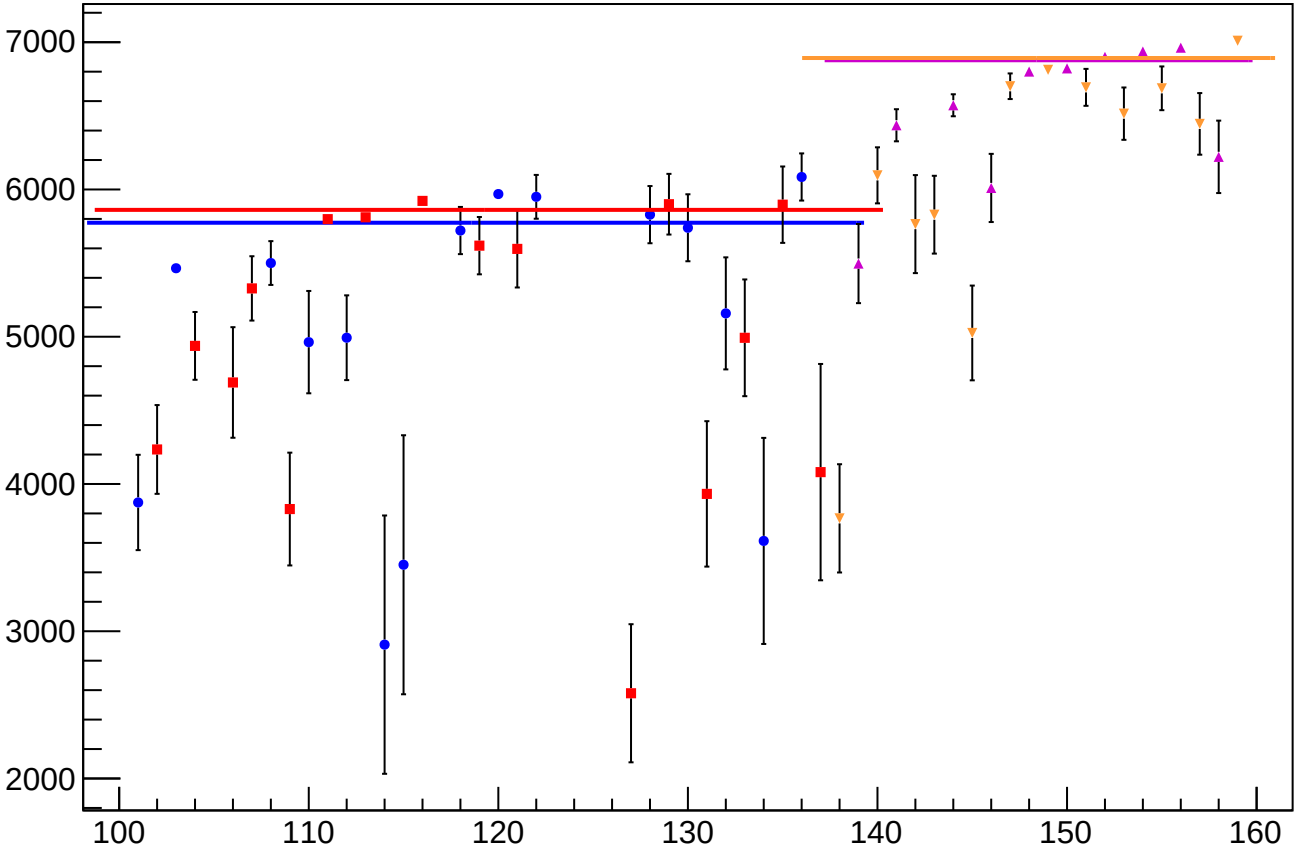
Left In: 6877.525+/-0.173 χ^2/NDF:152467.3/9

+ sign 6181.879+/-0.145 χ^2/NDF: 15845993.1/26

All: 6233.796+/-0.087 χ^2/NDF: 37323962.8/5

- sign 6263.030+/-0.109 χ^2/NDF: 21276617.3/25

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6892.763+/-0.240 χ^2/NDF:163987.5/11

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

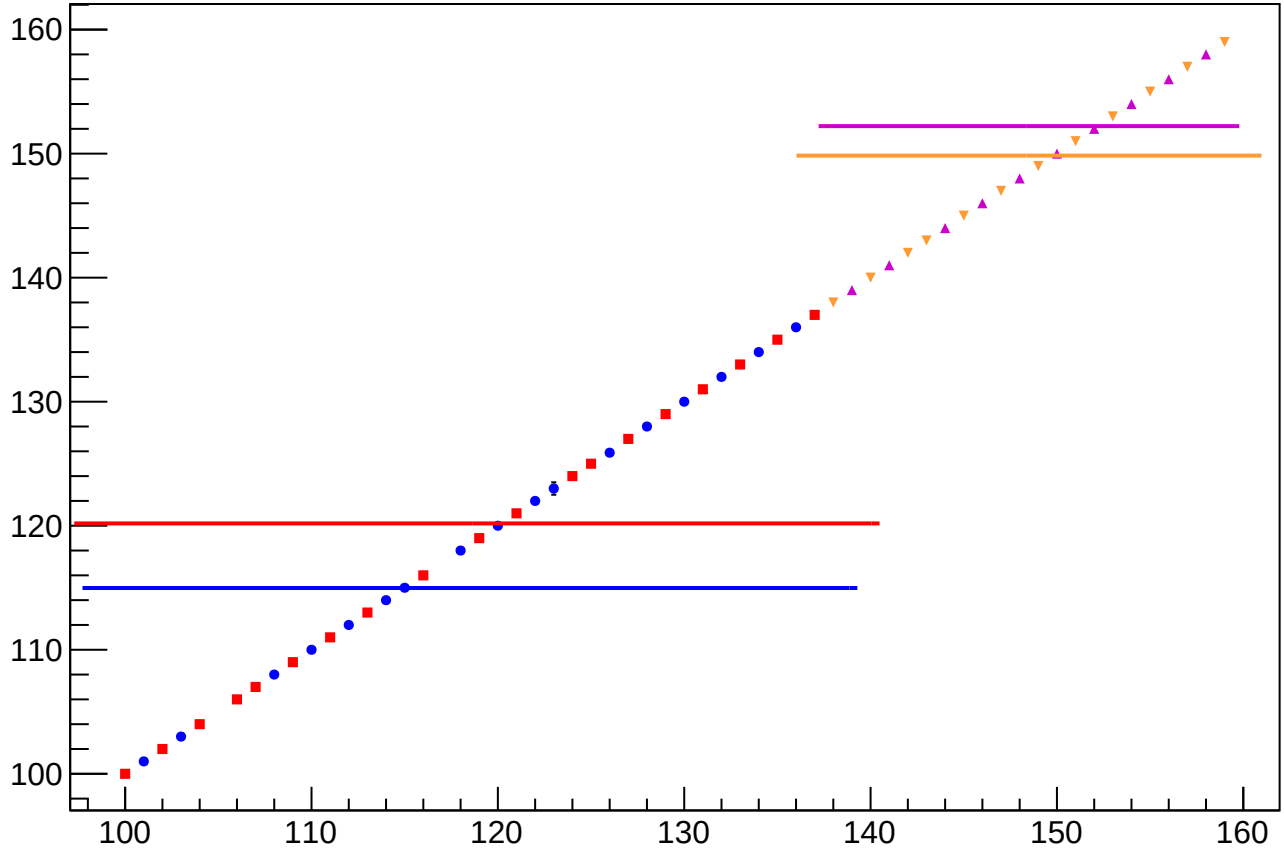
Left In: 6877.525+/-0.173 χ^2/NDF:152467.3/9

+ sign 6181.879+/-0.145 χ^2/NDF: 15845993.1/26

All: 6233.796+/-0.087 χ^2/NDF: 37323962.8/5

- sign 6263.030+/-0.109 χ^2/NDF: 21276617.3/25

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 149.841+/-0.000 χ^2/NDF:194778271774837998196251038842 88.0/11

Right Out: 120.186+/-0.000 χ^2/NDF: 522332536442616955281980417638 40.0/18

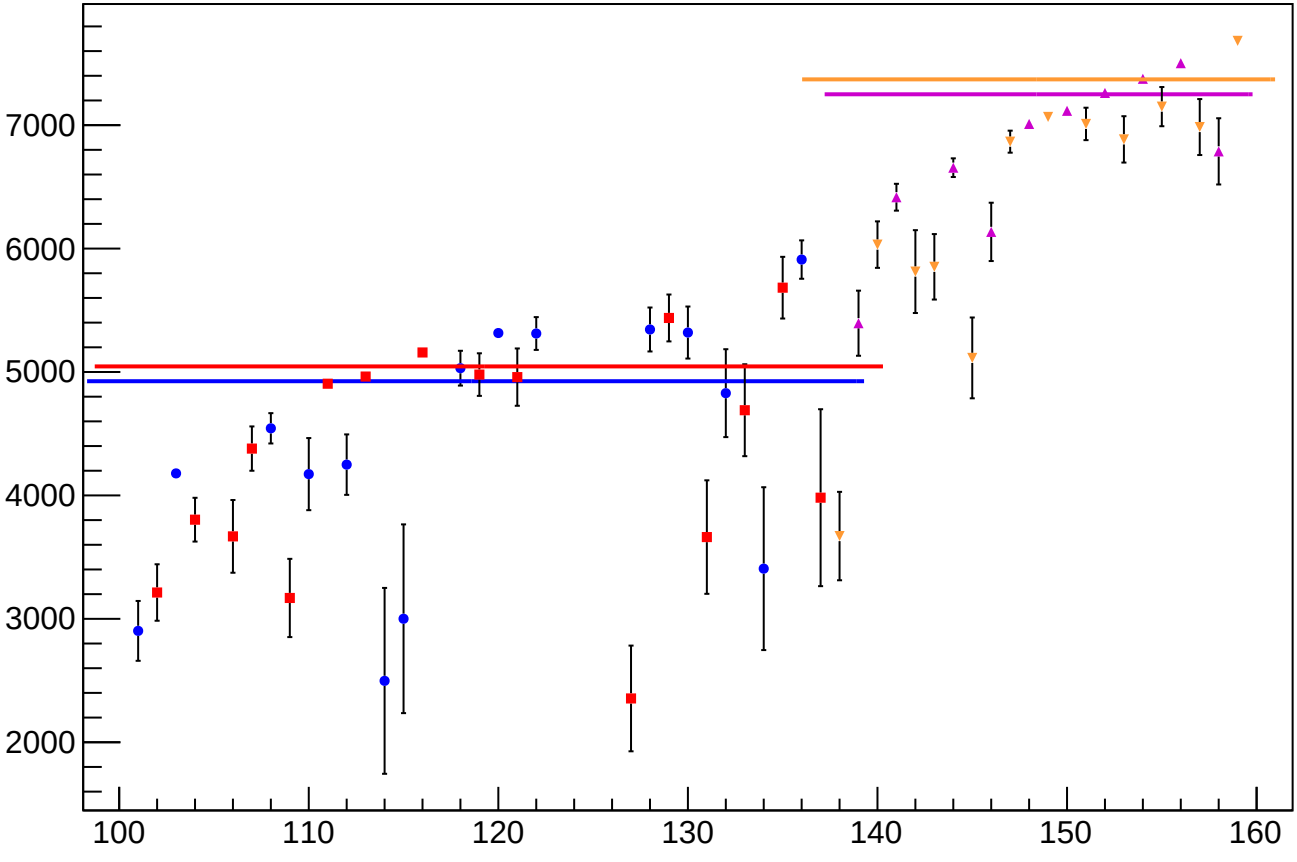
Left In: 152.217+/-0.000 χ^2/NDF:1313162564359897551765186491187 2.0/9

+ sign 122.267+/-0.000 χ^2/NDF: 506677425000894

All: 127.104+/-0.000 χ^2/NDF: 106612330003

- sign 132.580+/-0.000 χ^2/NDF: 466384289025585

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7370.927+/-1.051 χ^2/NDF:86199.2/11

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

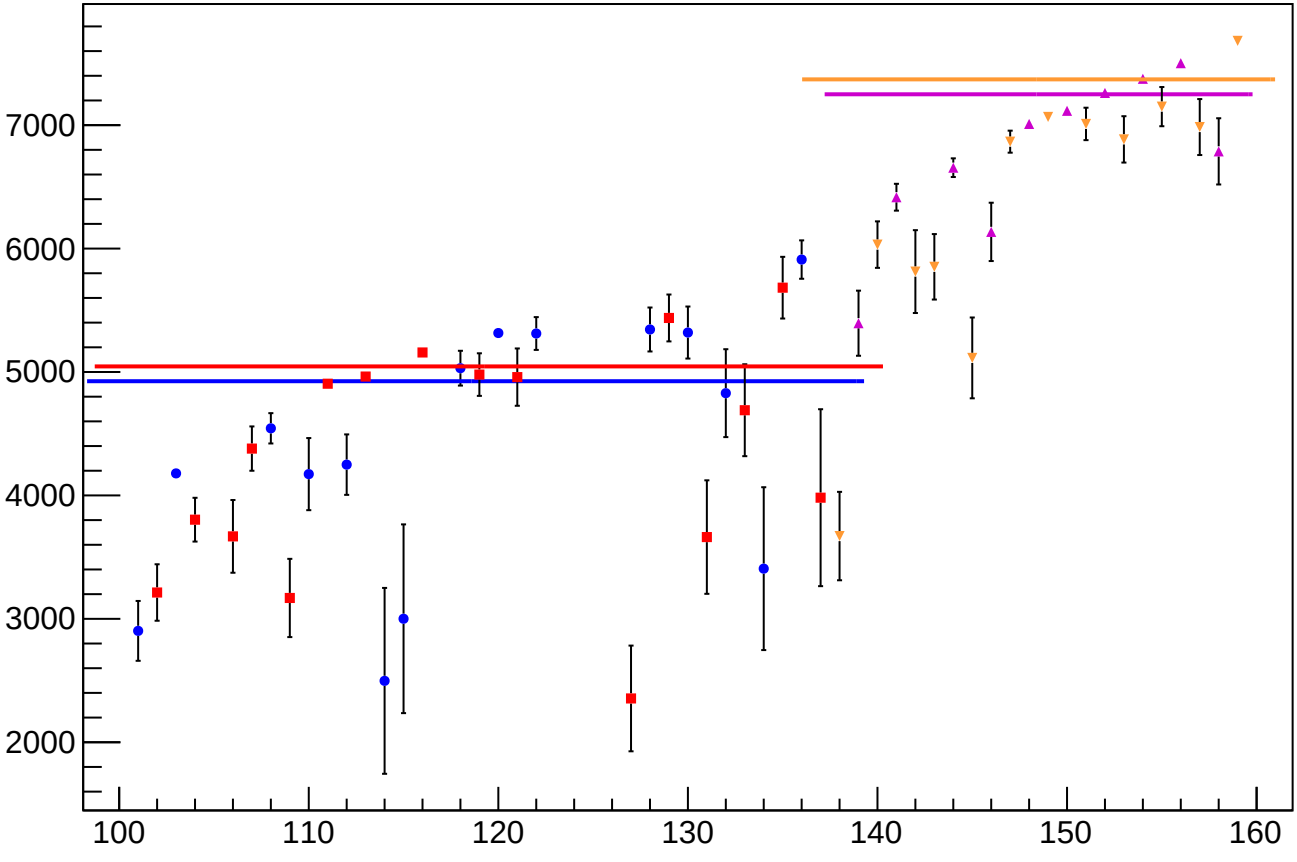
Left In: 7250.103+/-0.766 χ^2/NDF:51706.1/9

+ sign 6010.378+/-0.700 χ^2/NDF: 3428780.2/26

All: 6002.299+/-0.409 χ^2/NDF: 8221629.1/52

- sign 5998.126+/-0.503 χ^2/NDF: 4792647.0/25

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7370.927+/-1.051 χ^2/NDF:86199.2/11

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

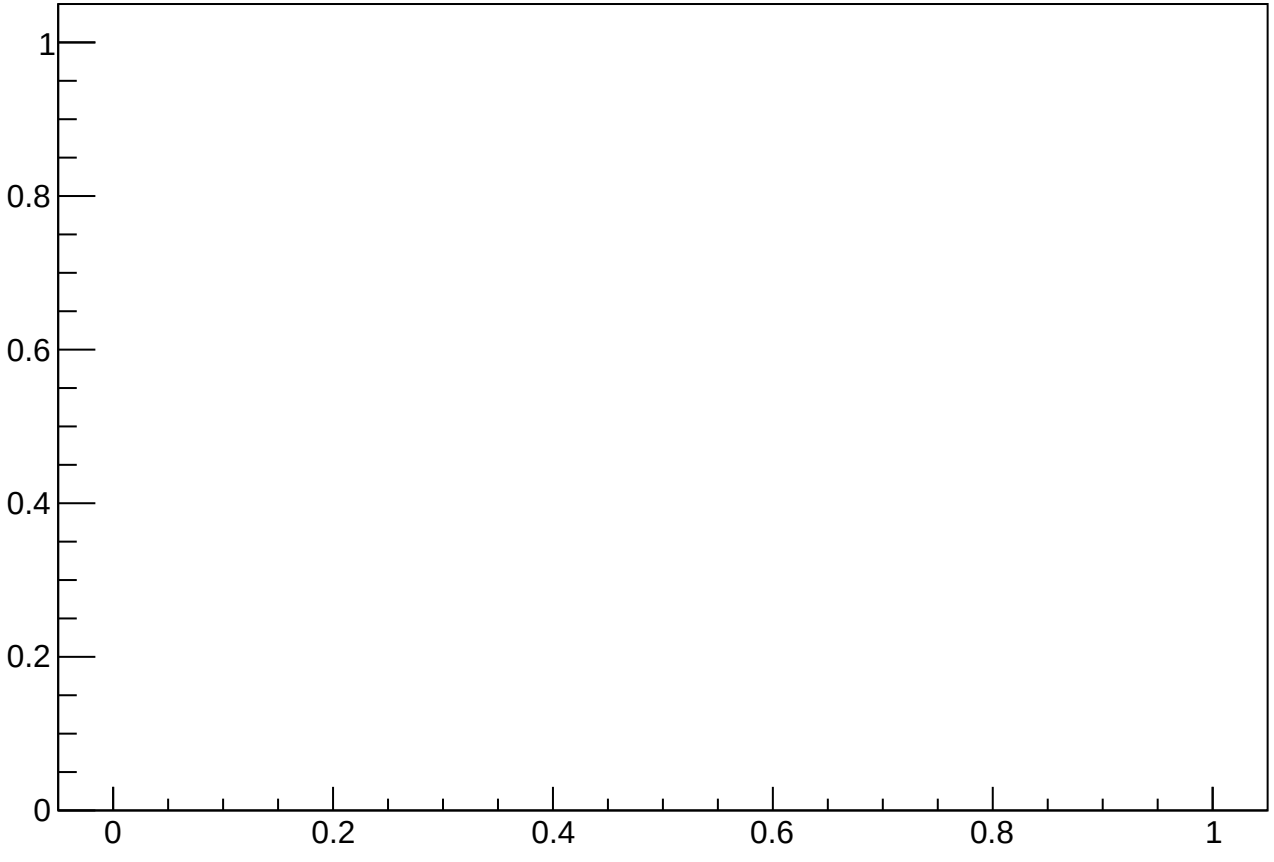
Left In: 7250.103+/-0.766 χ^2/NDF:51706.1/9

+ sign 6010.378+/-0.700 χ^2/NDF: 3428780.2/26

All: 6002.299+/-0.409 χ^2/NDF: 8221629.1/52

- sign 5998.126+/-0.503 χ^2/NDF: 4792647.0/25

dit_scandata1_mean vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

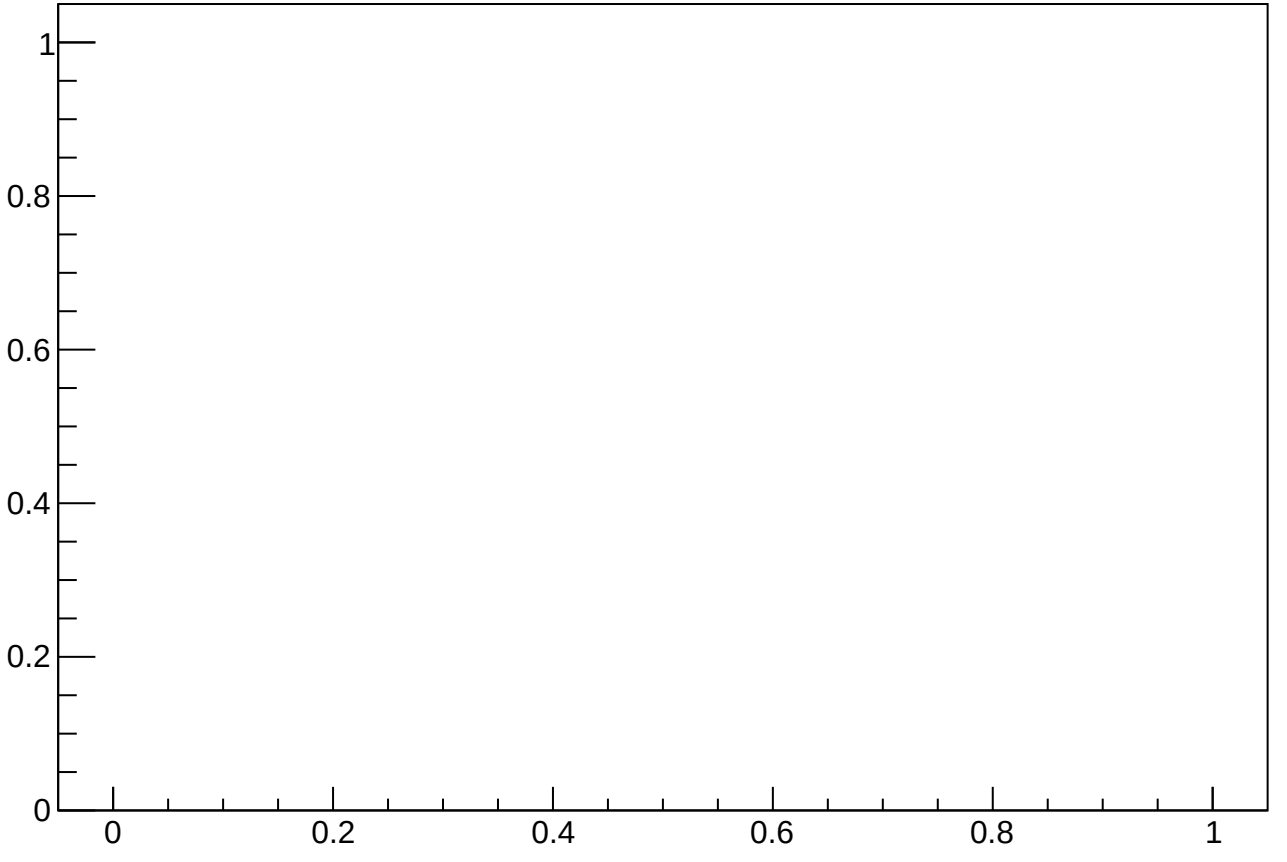
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug



Right In: 0.000+/-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

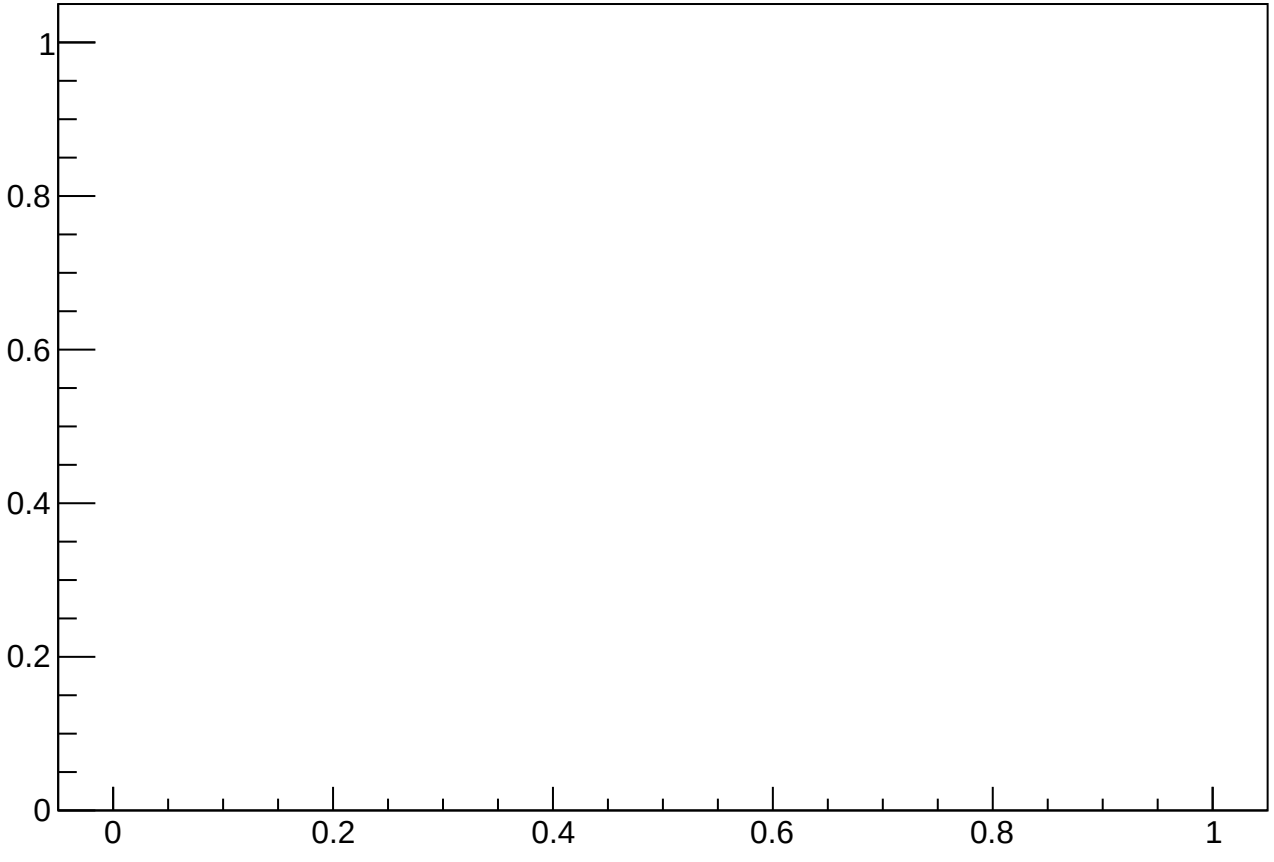
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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+/-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

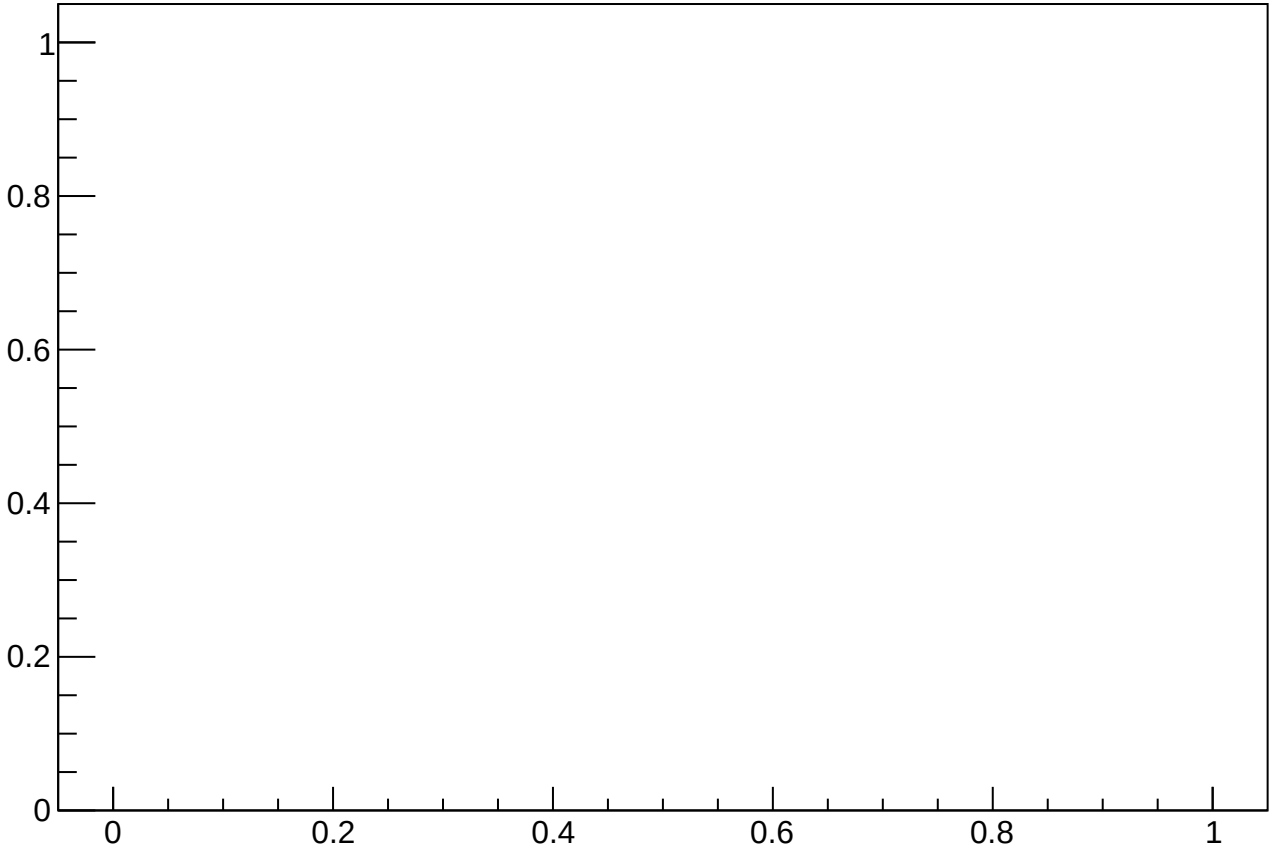
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

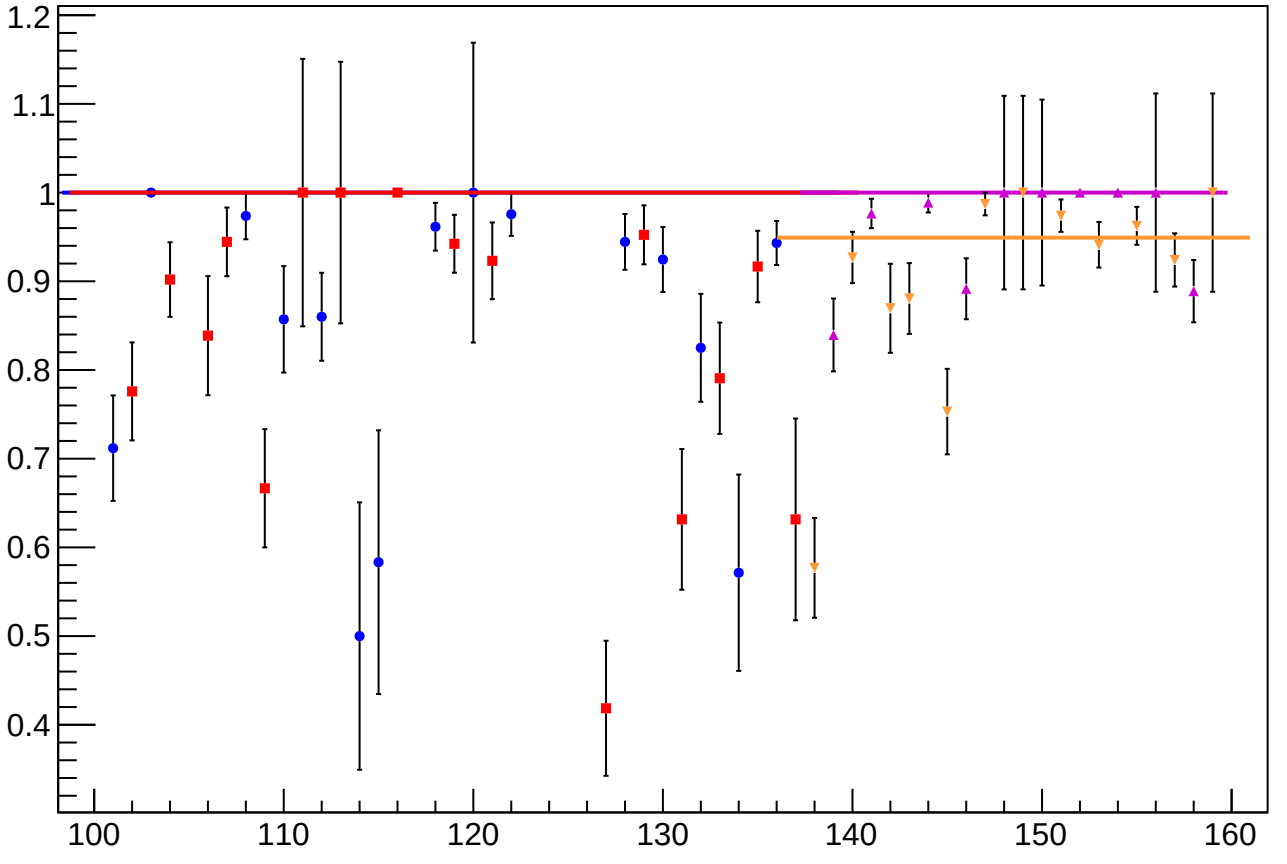
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.949+/-0.008 χ^2/NDF:78.6/11

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

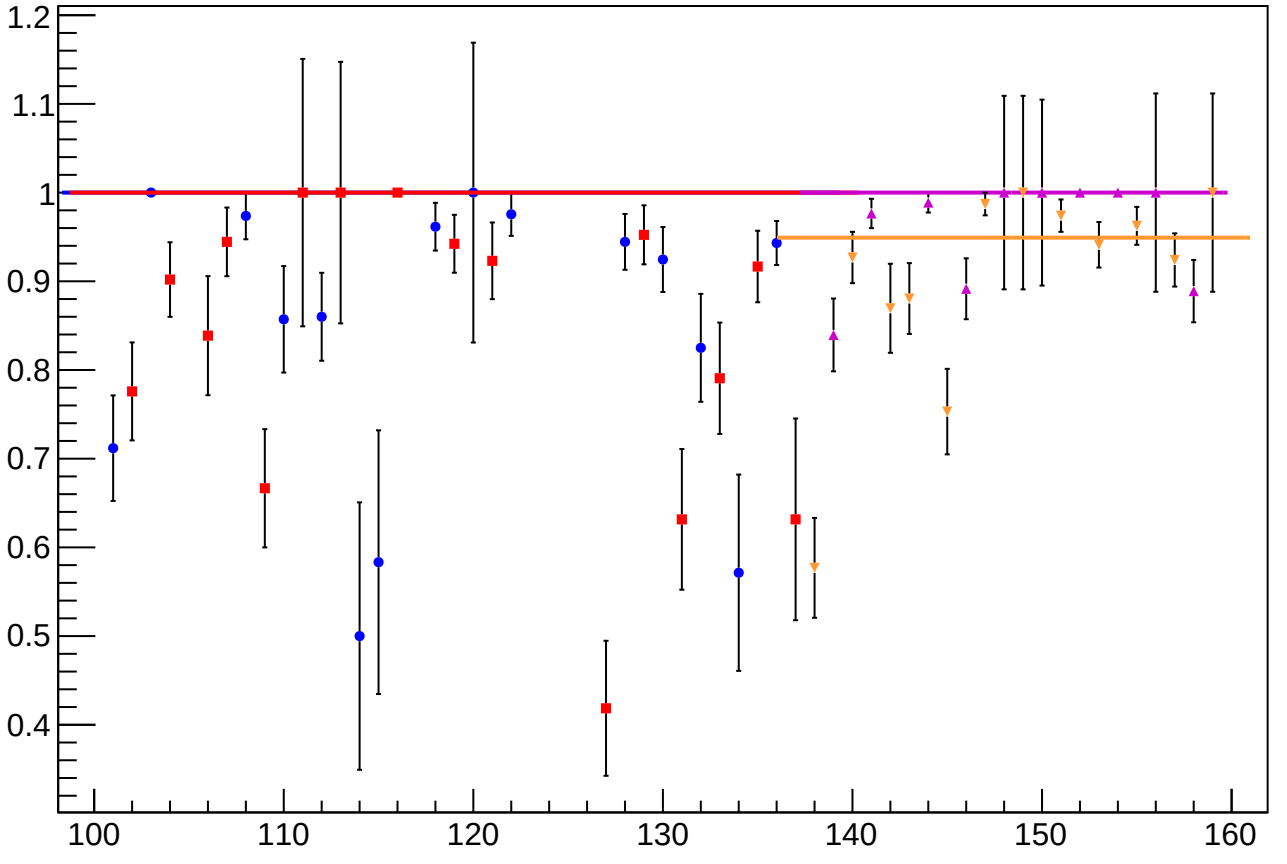
Left In: 1.000+/-0.000 χ^2/NDF:382.3/9

+ sign 1.000+/-0.000 χ^2/NDF: 218.4/26

All: 1.000+/-0.000 χ^2/NDF: 769.6/52

- sign 1.000+/-0.000 χ^2/NDF: 551.2/25

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.949+/-0.008 χ^2/NDF:78.6/11

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

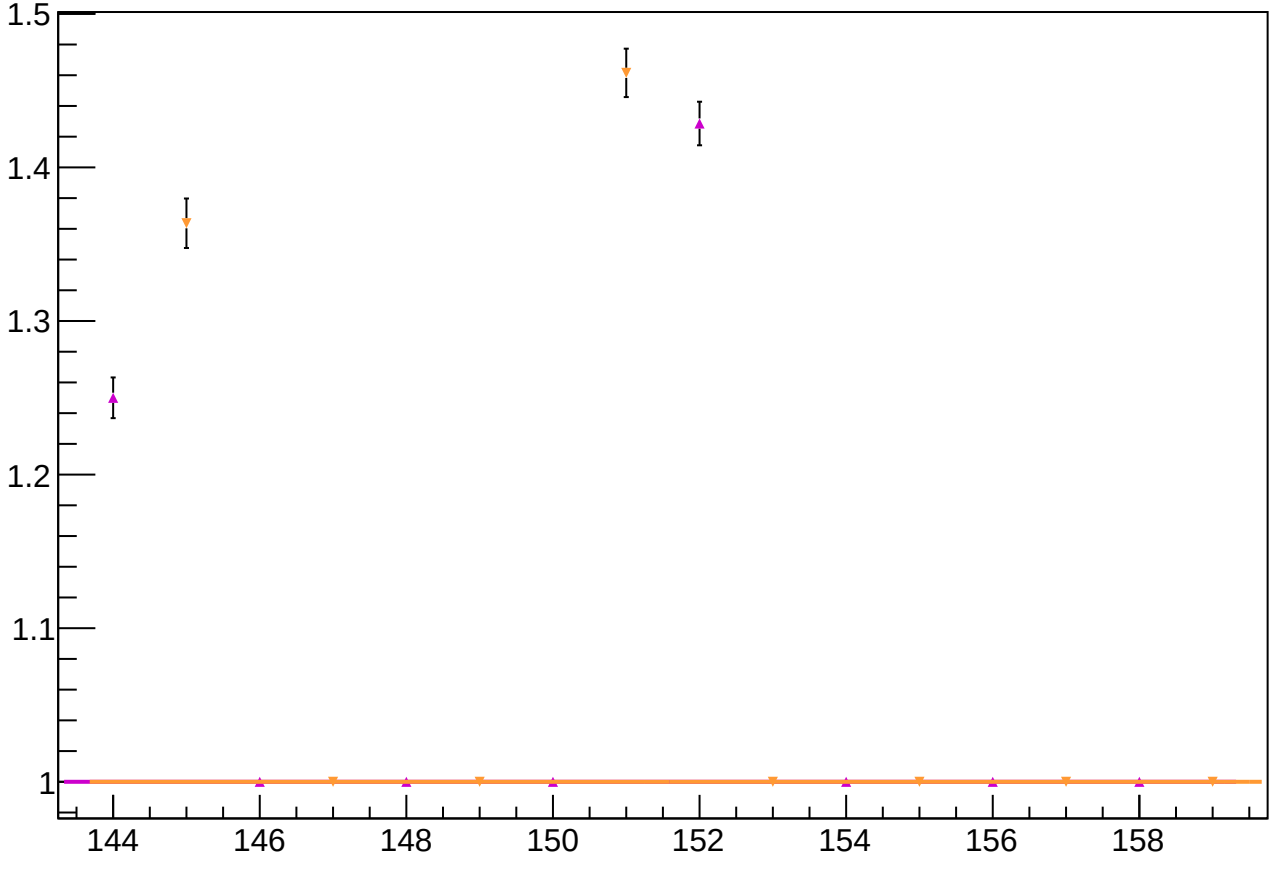
Left In: 1.000+/-0.000 χ^2/NDF:382.3/9

+ sign 1.000+/-0.000 χ^2/NDF: 218.4/26

All: 1.000+/-0.000 χ^2/NDF: 769.6/52

- sign 1.000+/-0.000 χ^2/NDF: 551.2/25

dit_segment_slope vs Slug



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

Left Out: 1.000+/-0.000 χ^2/NDF:2661.5/7

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

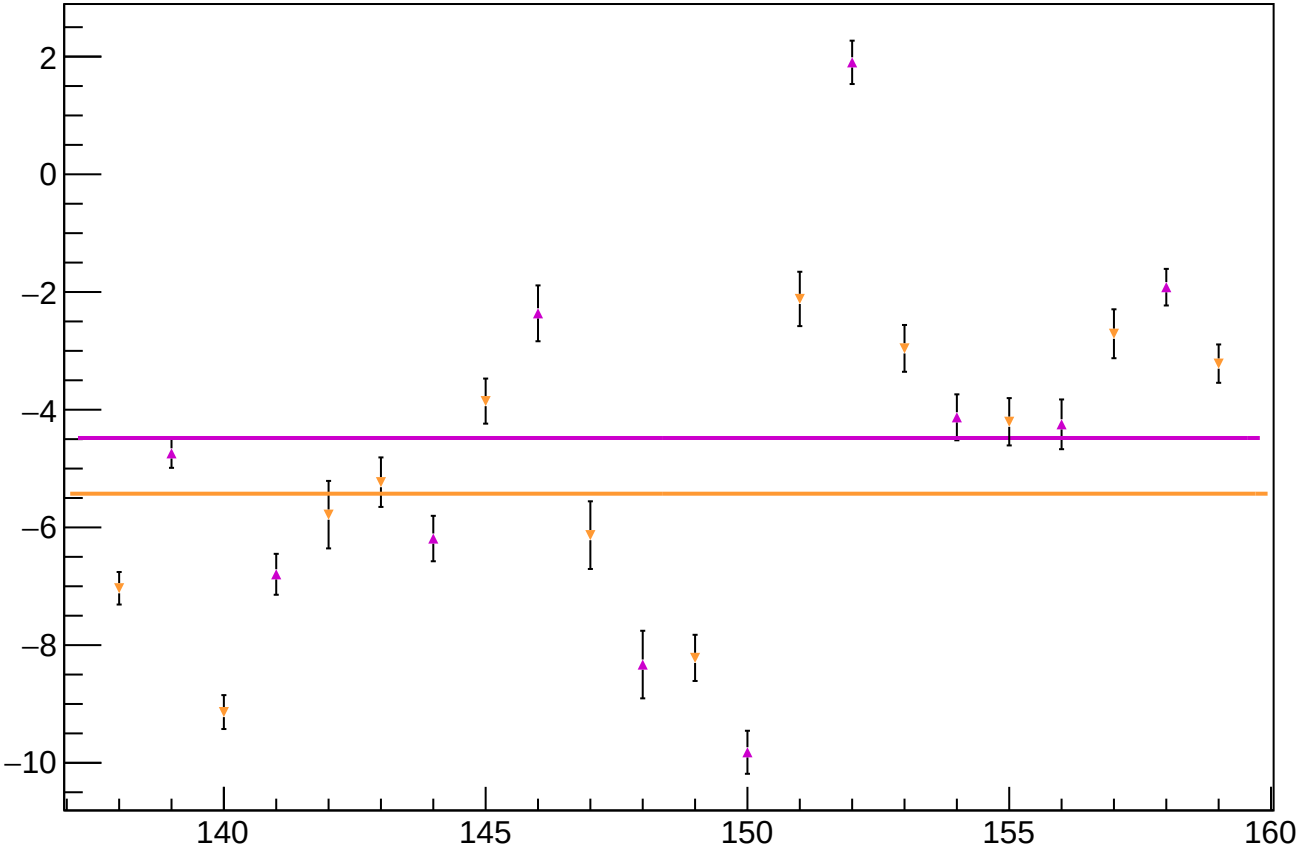
Left In: 1.000+/-0.000 χ^2/NDF:1775.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 3629.6/15

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -5.427+/-0.110 χ^2/NDF:457.1/11

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

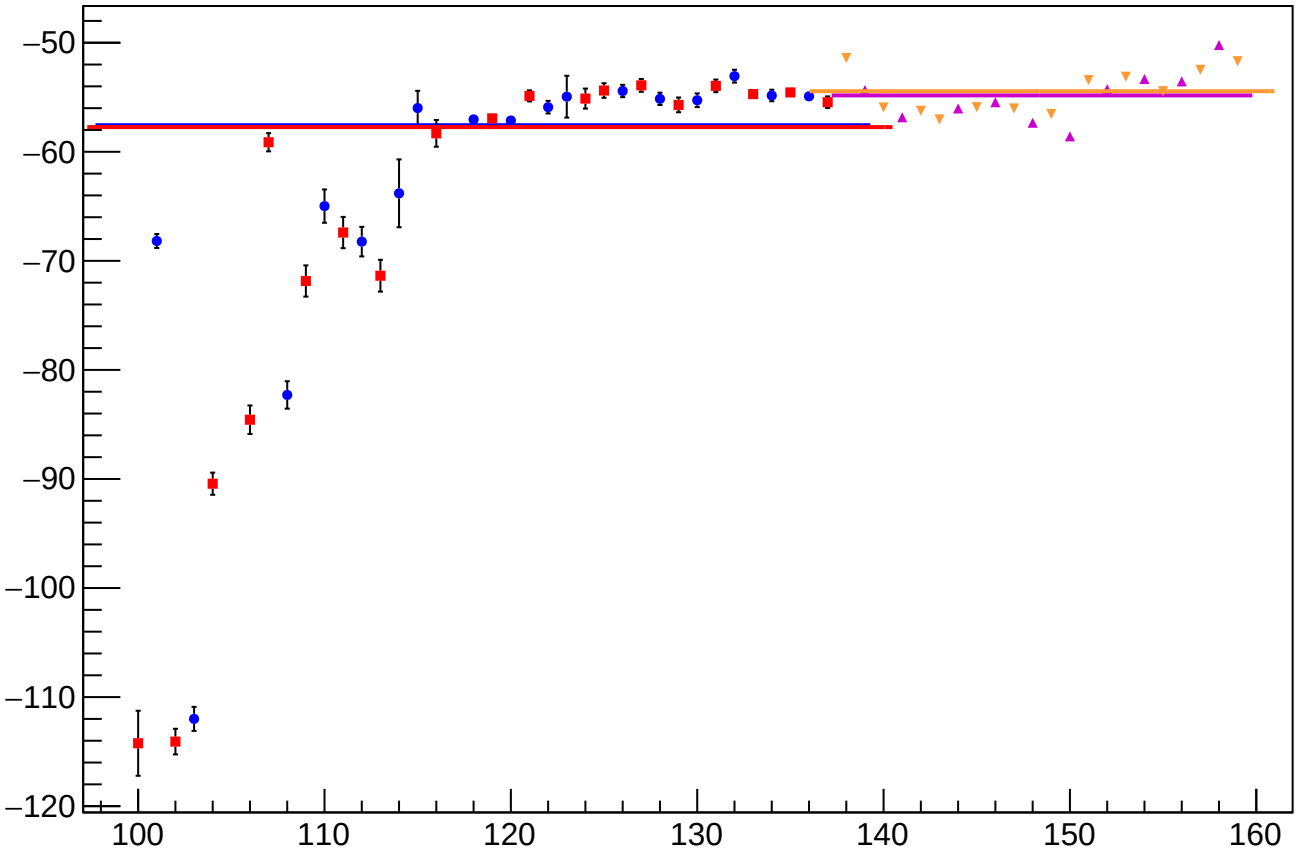
Left In: -4.481+/-0.114 χ^2/NDF:712.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.972+/-0.079 χ^2/NDF: 1205.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -54.444+/-0.081 χ^2/NDF:578.5/11

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

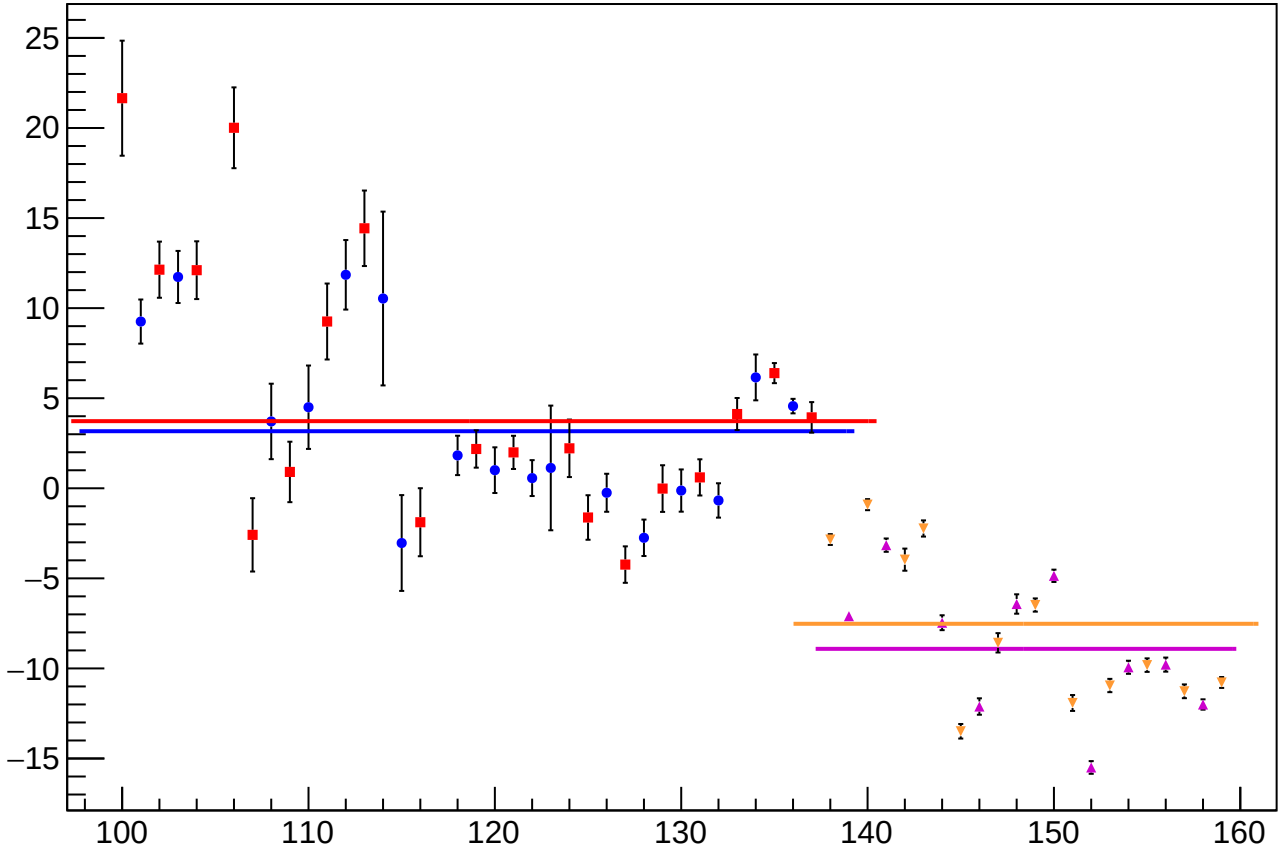
Left In: -54.828+/-0.087 χ^2/NDF:905.6/9

+ sign -55.210+/-0.070 χ^2/NDF: 4401.1/28

All: -55.399+/-0.051 χ^2/NDF: 10322.8/57

- sign -55.610+/-0.074 χ^2/NDF: 5906.3/28

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.522+/-0.109 χ^2/NDF:1544.0/11

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

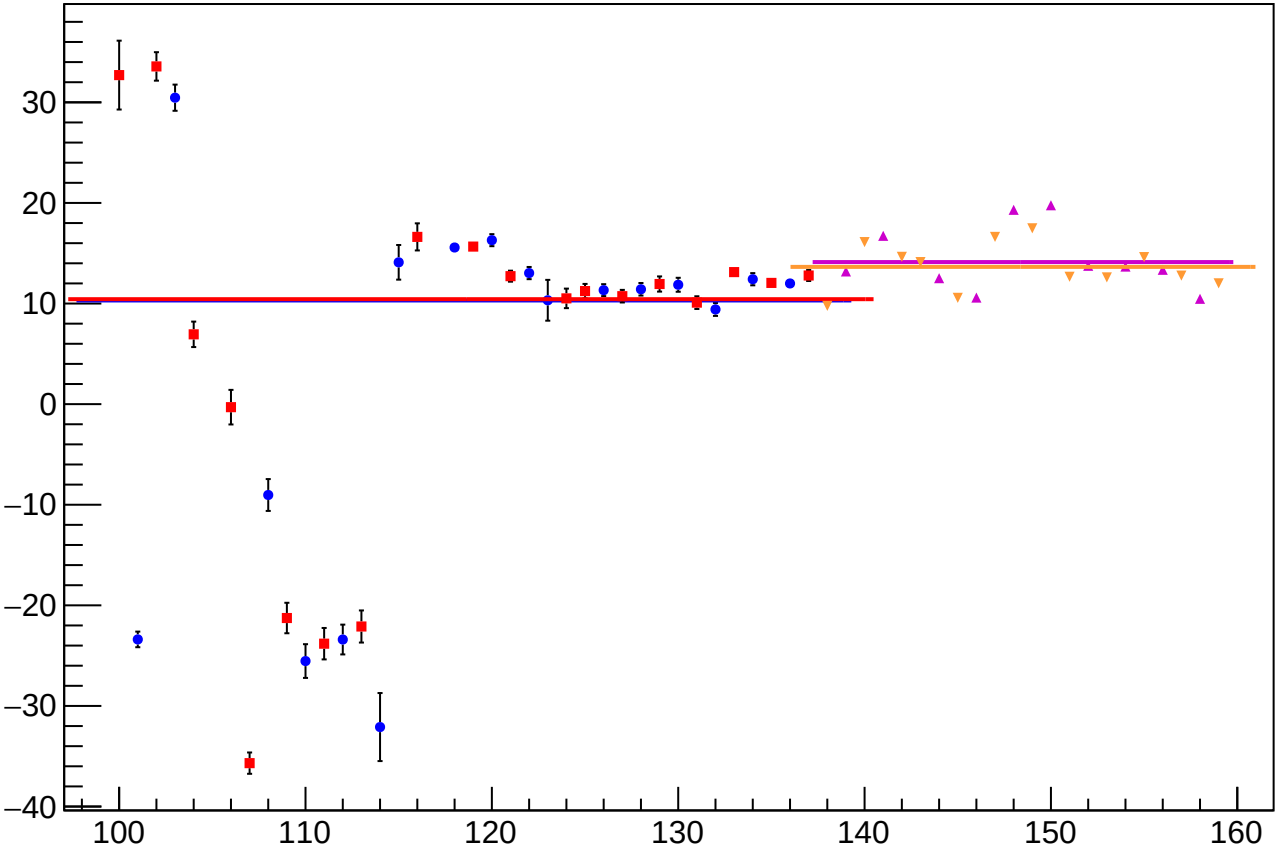
Left In: -8.913+/-0.113 χ^2/NDF:990.0/9

+ sign -5.892+/-0.101 χ^2/NDF: 3188.4/28

All: -6.426+/-0.072 χ^2/NDF: 6459.3/57

- sign -6.996+/-0.104 χ^2/NDF: 3212.8/28

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.644+/-0.094 χ^2/NDF:572.1/11

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

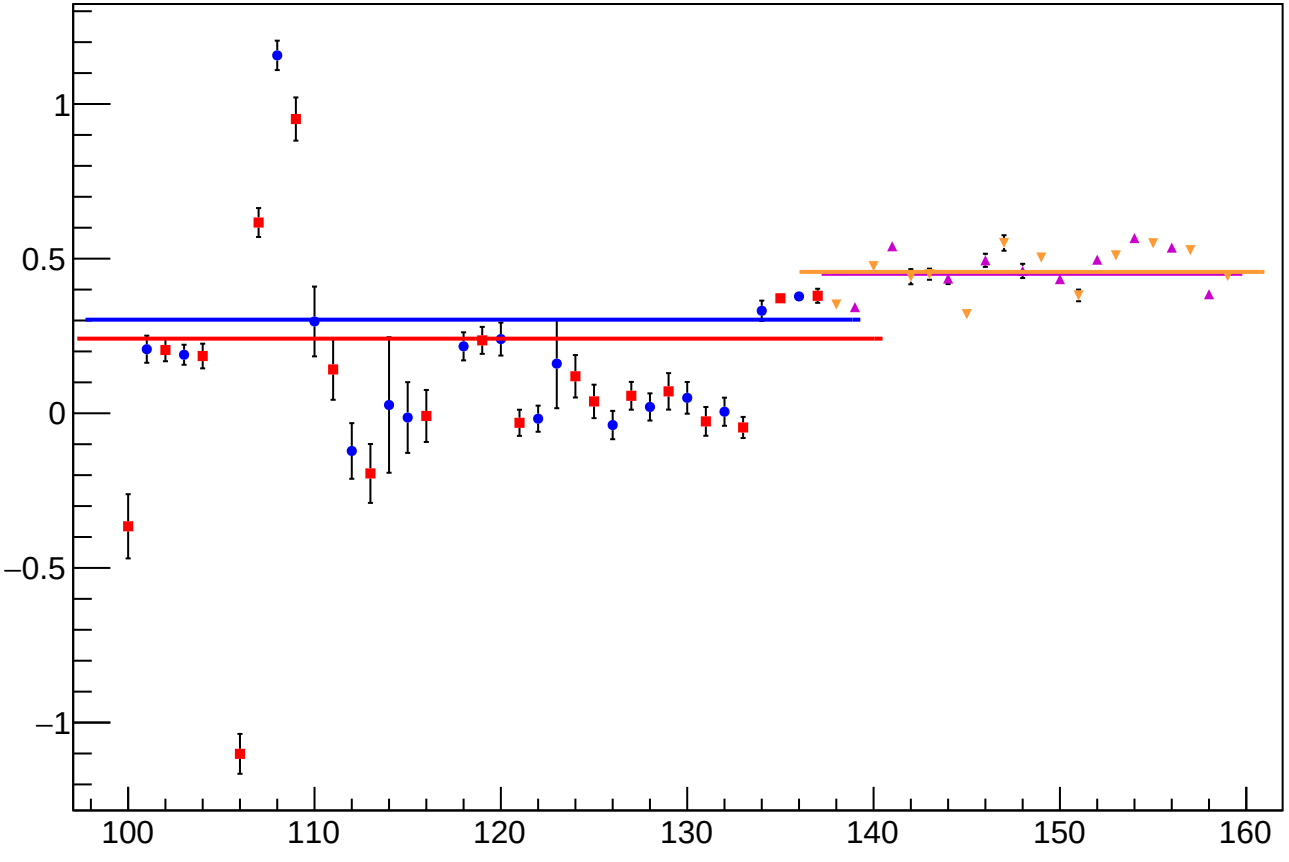
Left In: 14.121+/-0.100 χ^2/NDF:1017.0/9

+ sign 12.757+/-0.081 χ^2/NDF: 4617.3/28

All: 12.911+/-0.059 χ^2/NDF: 9852.5/57

- sign 13.081+/-0.085 χ^2/NDF: 5227.6/28

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.457+/-0.004 χ^2/NDF:297.9/11

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

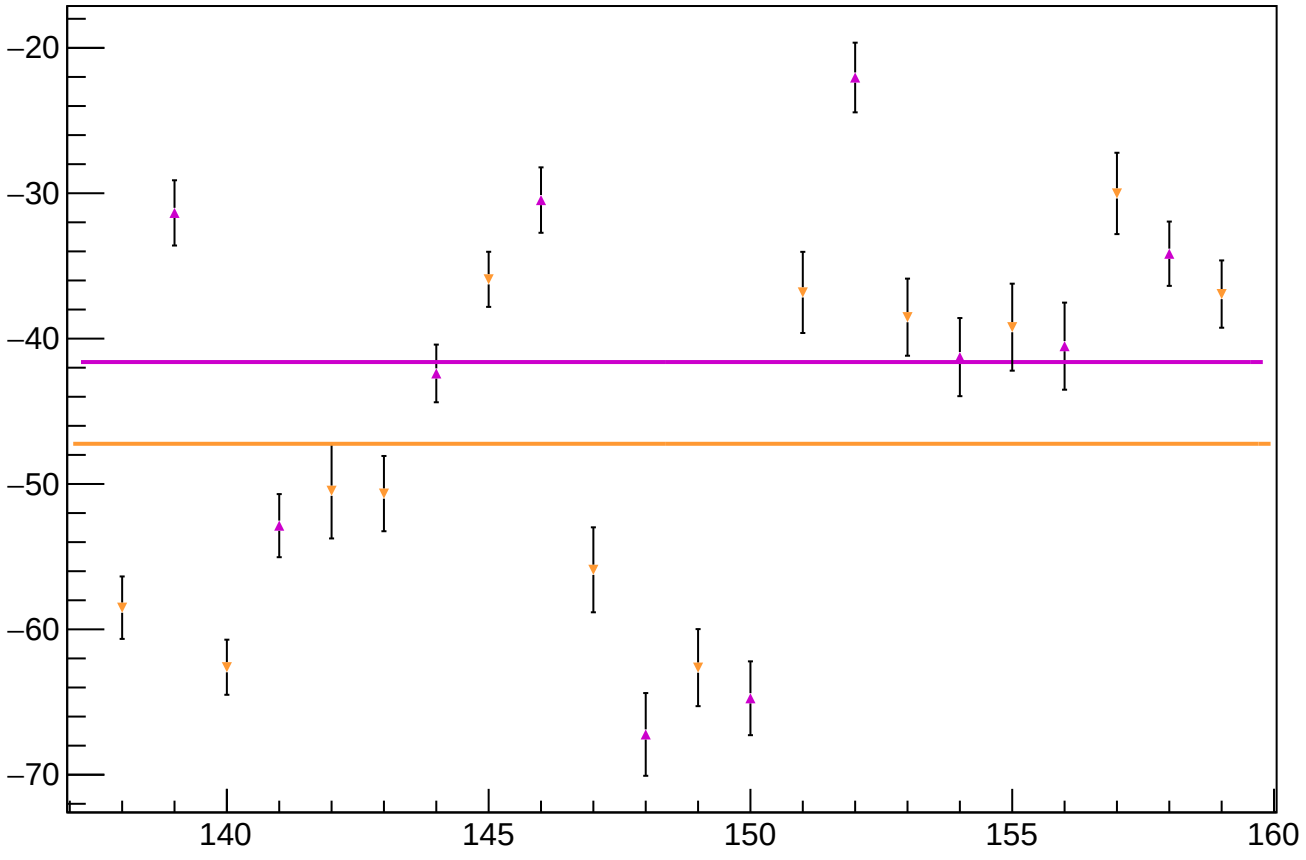
Left In: 0.451+/-0.004 χ^2/NDF:351.2/9

+ sign 0.425+/-0.004 χ^2/NDF: 1225.6/28

All: 0.417+/-0.003 χ^2/NDF: 3058.7/57

- sign 0.408+/-0.004 χ^2/NDF: 1823.6/28

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -47.235+/-0.712 χ^2/NDF:263.8/11

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

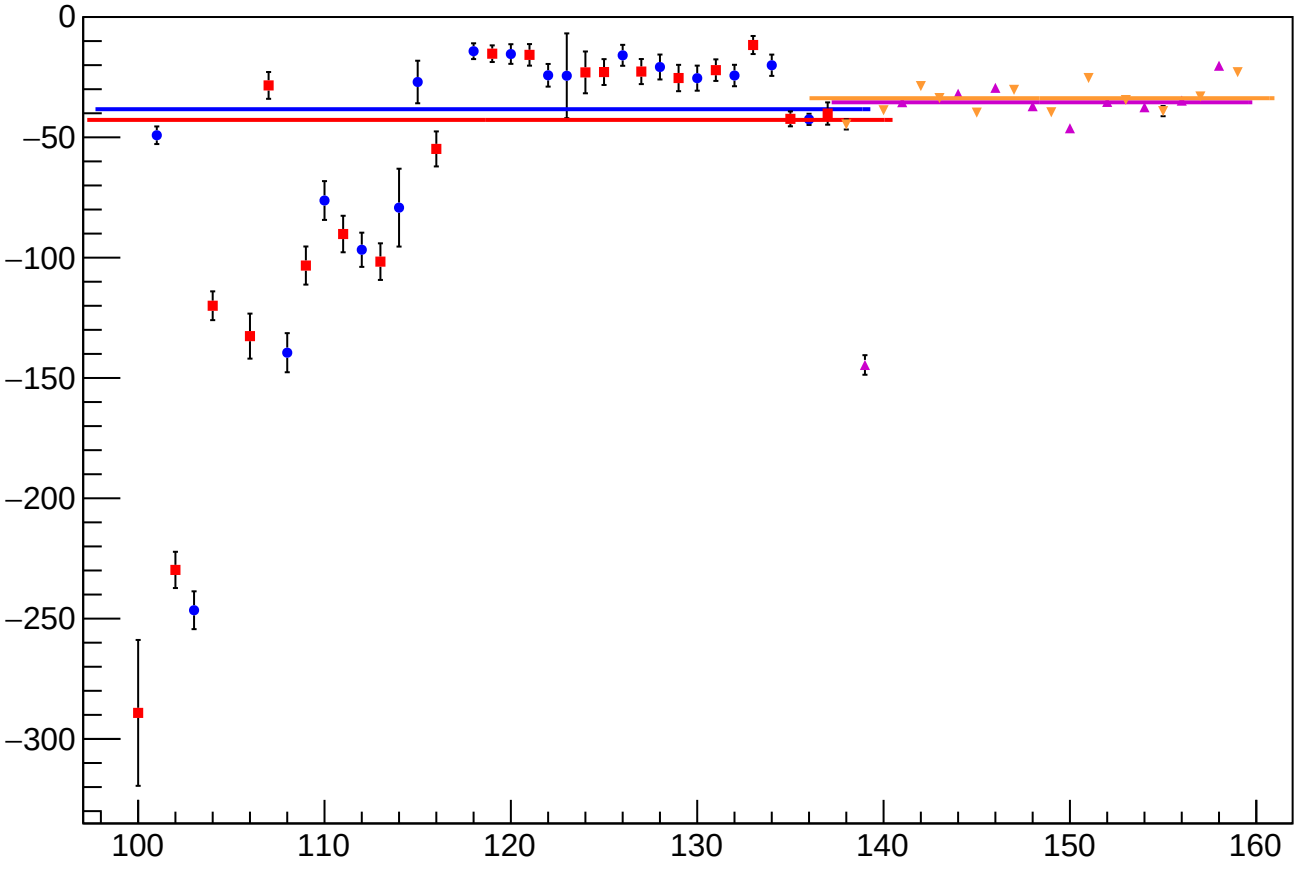
Left In: -41.612+/-0.752 χ^2/NDF:314.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -44.575+/-0.517 χ^2/NDF: 607.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -33.738+/-0.498 χ^2/NDF:155.9/11

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

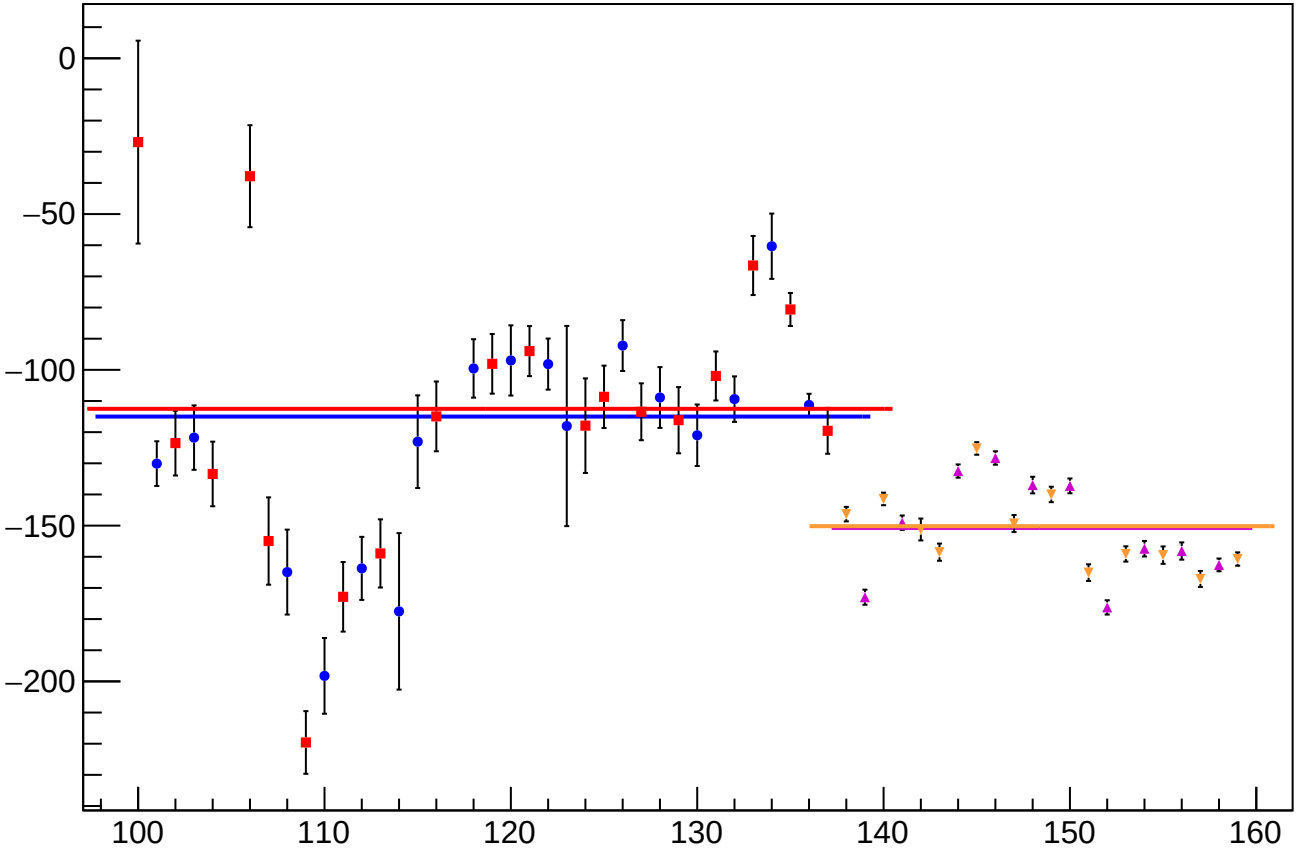
Left In: -35.436+/-0.524 χ^2/NDF:886.6/9

+ sign -34.473+/-0.456 χ^2/NDF: 1302.1/28

All: -35.476+/-0.331 χ^2/NDF: 3571.3/57

- sign -36.593+/-0.481 χ^2/NDF: 2259.0/28

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -150.187+/-0.710 χ^2/NDF:323.3/11

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

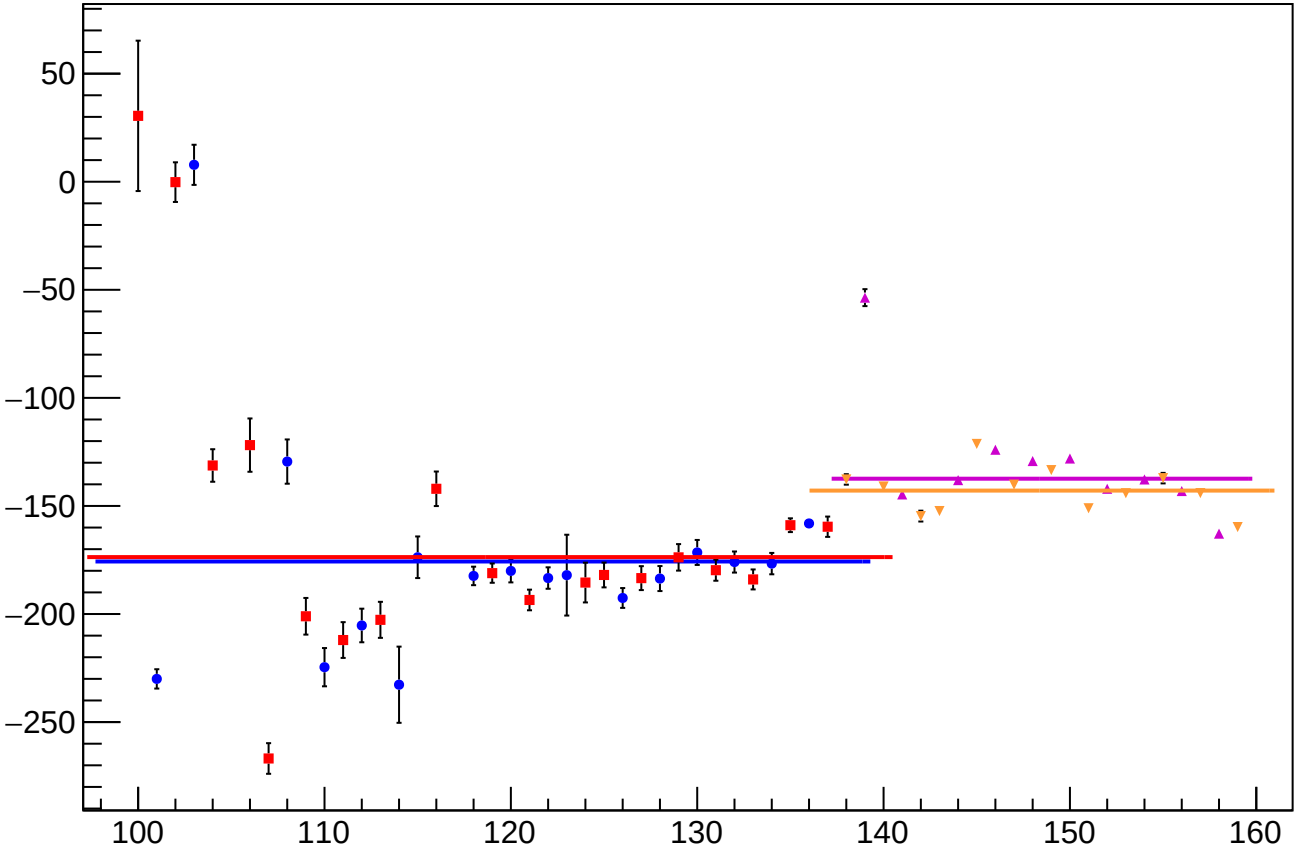
Left In: -150.739+/-0.739 χ^2/NDF:497.1/9

+ sign -146.494+/-0.671 χ^2/NDF: 723.2/28

All: -146.681+/-0.485 χ^2/NDF: 1763.5/57

- sign -146.885+/-0.701 χ^2/NDF: 1040.1/28

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -142.895+/-0.593 χ^2/NDF:343.9/11

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

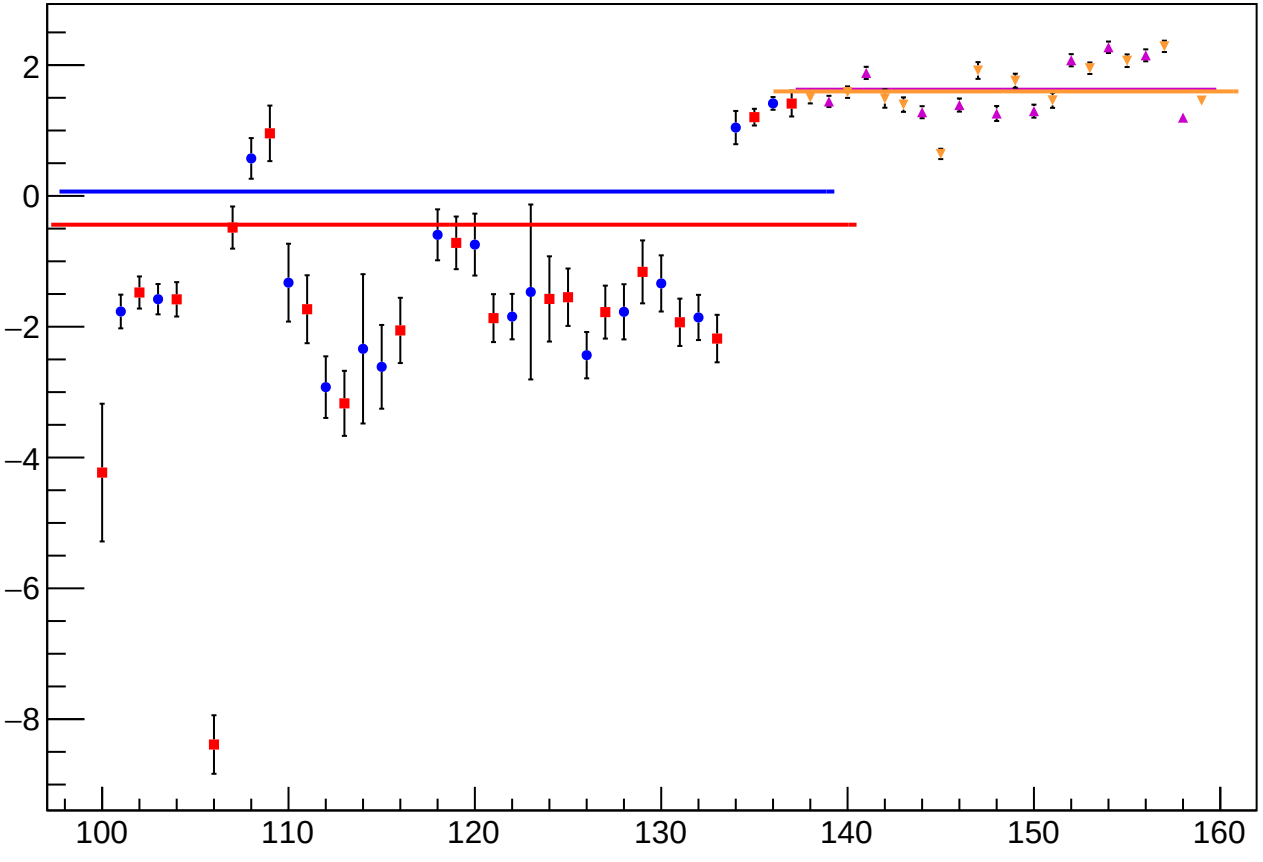
Left In: -137.397+/-0.623 χ^2/NDF:833.7/9

+ sign -148.784+/-0.537 χ^2/NDF: 1586.2/28

All: -146.387+/-0.390 χ^2/NDF: 3790.5/57

- sign -143.723+/-0.566 χ^2/NDF: 2162.2/28

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.598+/-0.028 χ^2/NDF:266.8/11

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

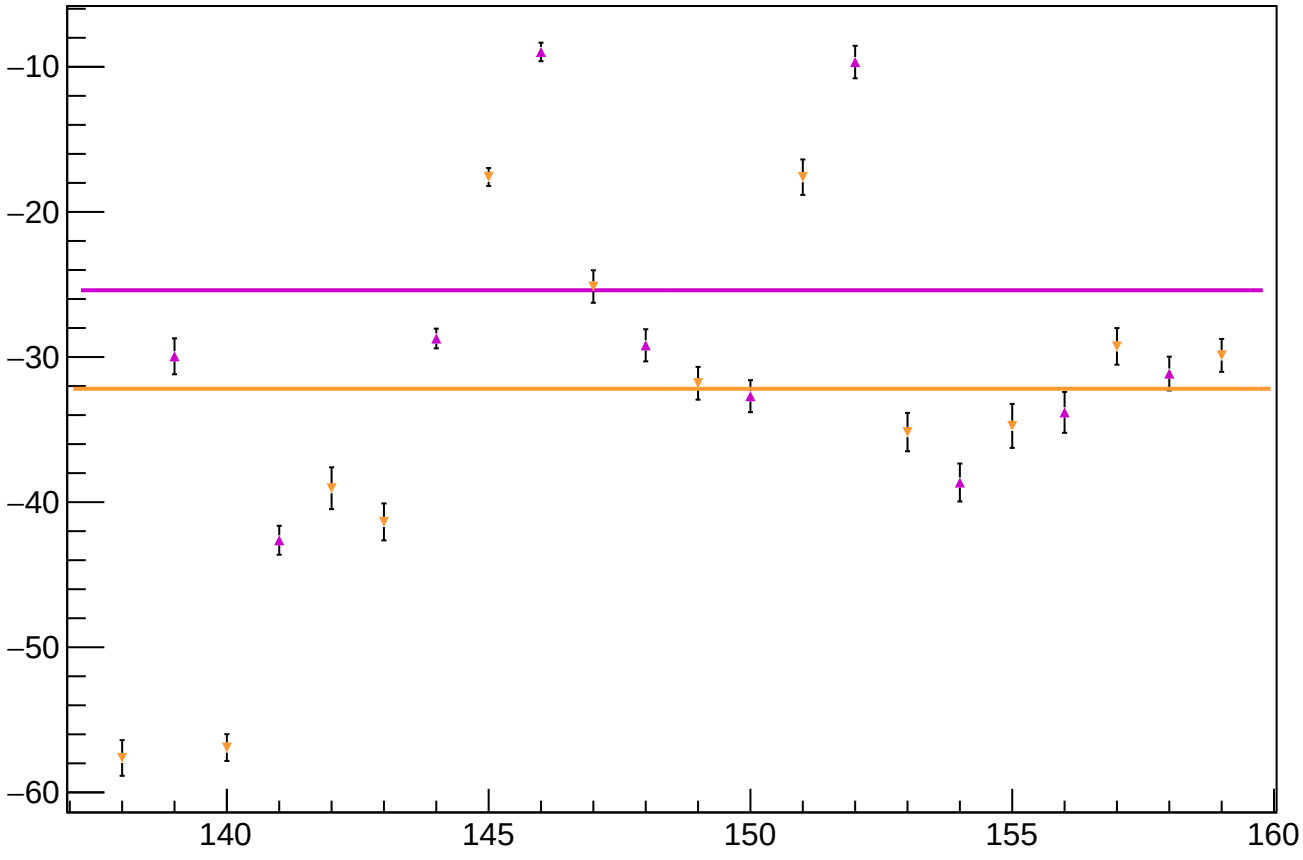
Left In: 1.624+/-0.029 χ^2/NDF:197.4/9

+ sign 1.373+/-0.026 χ^2/NDF: 1238.9/28

All: 1.353+/-0.019 χ^2/NDF: 2915.7/57

- sign 1.331+/-0.027 χ^2/NDF: 1675.5/28

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.187+/-0.313 χ^2/NDF:1980.0/11

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

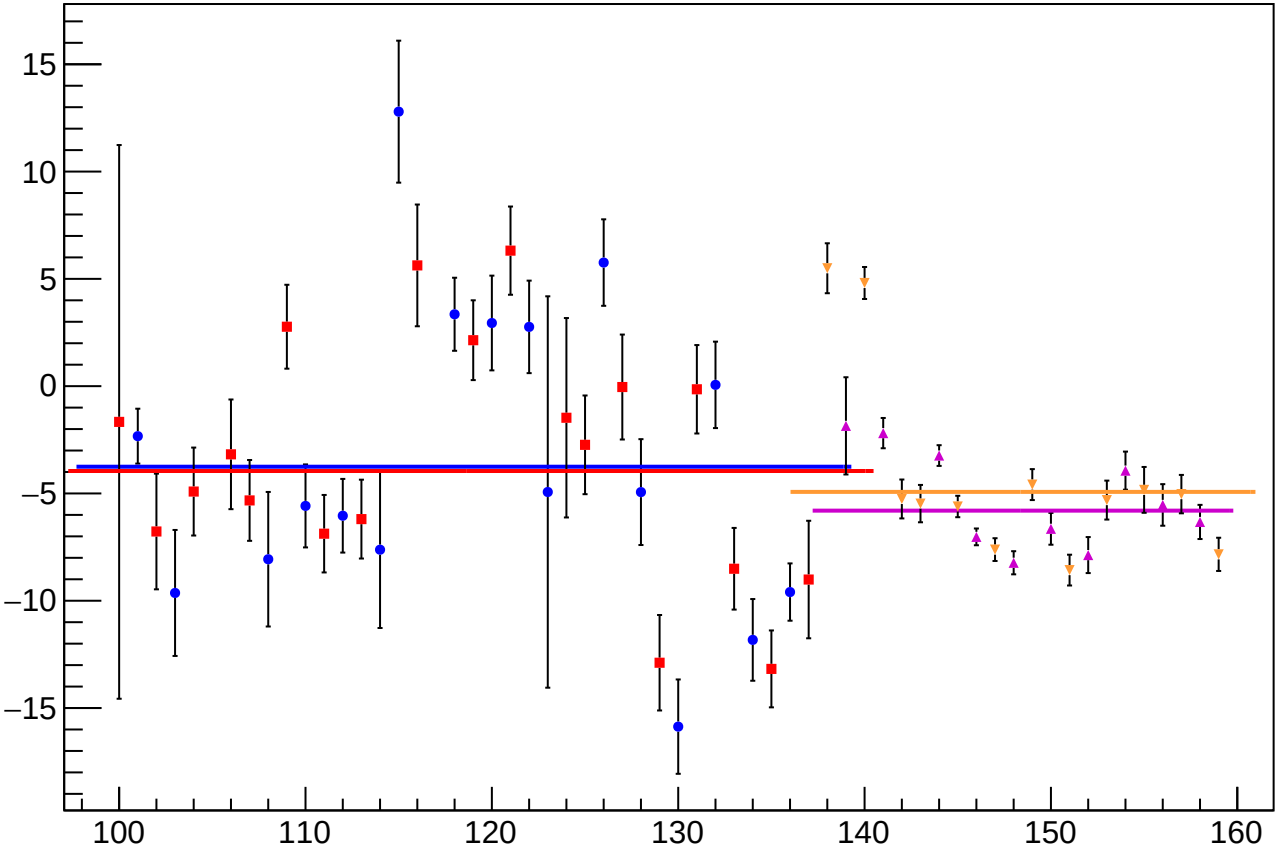
Left In: -25.398+/-0.308 χ^2/NDF:1411.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -28.740+/-0.219 χ^2/NDF: 3631.0/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -4.927+/-0.216 χ^2/NDF:319.2/11

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

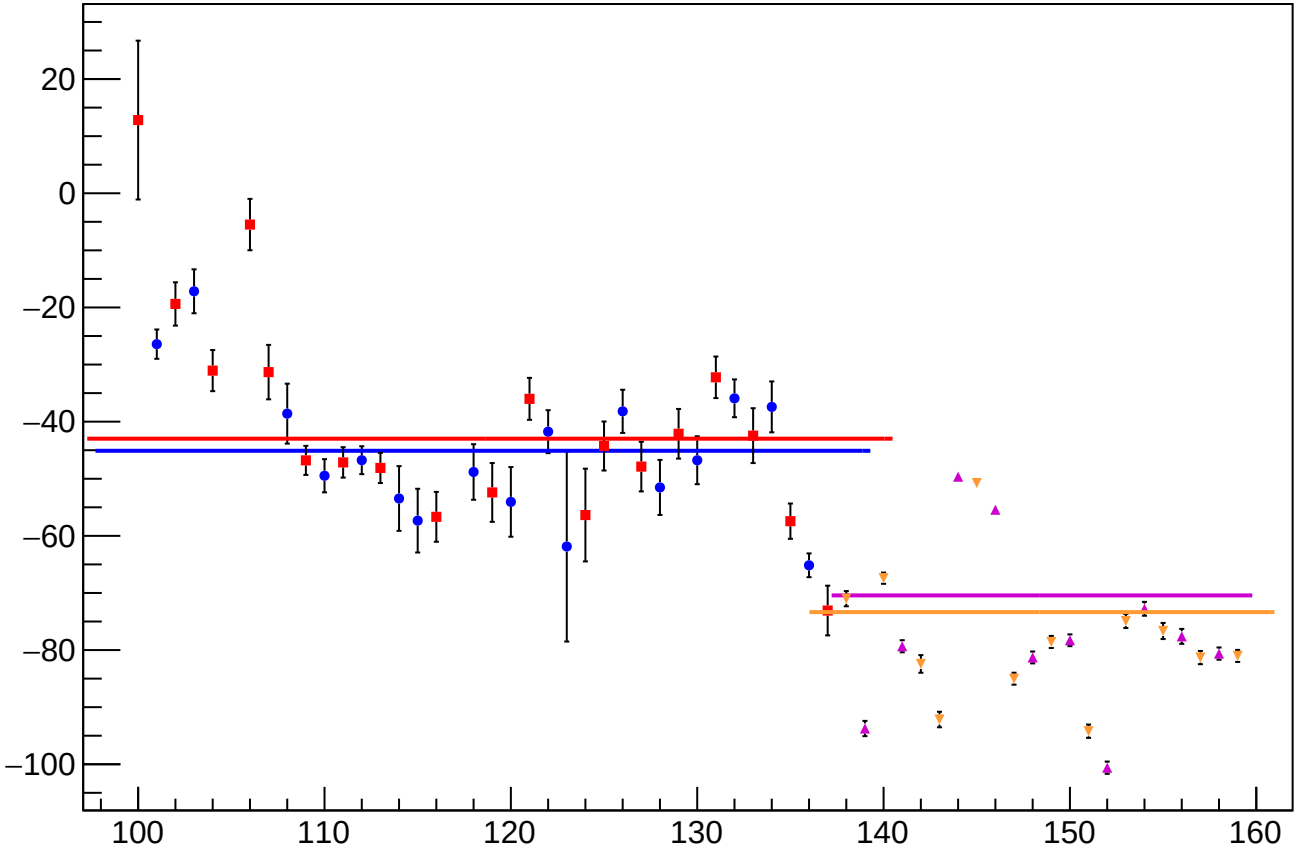
Left In: -5.801+/-0.206 χ^2/NDF:100.0/9

+ sign -4.740+/-0.198 χ^2/NDF: 489.2/28

All: -5.155+/-0.137 χ^2/NDF: 732.4/57

- sign -5.540+/-0.191 χ^2/NDF: 234.7/28

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -73.354+/-0.313 χ^2/NDF:2028.9/11

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

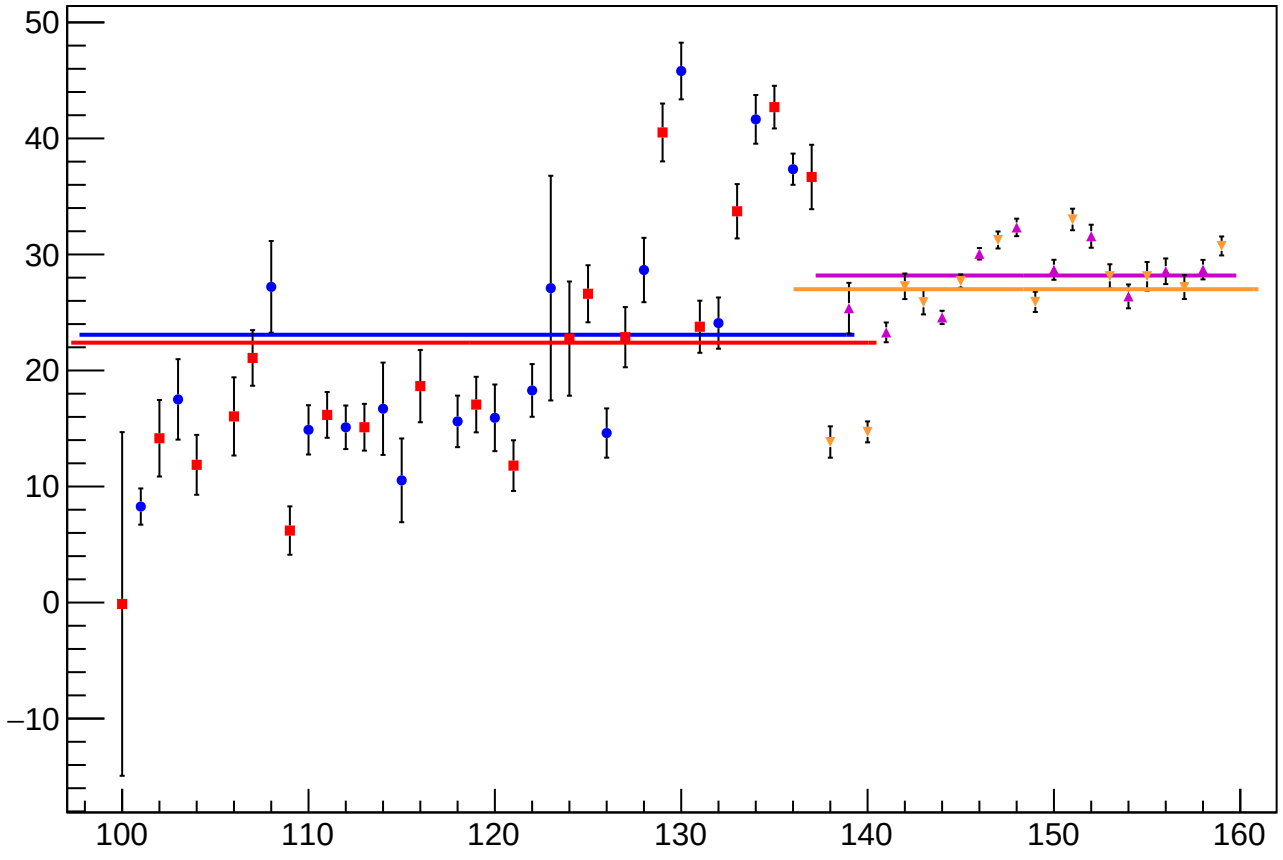
Left In: -70.428+/-0.303 χ^2/NDF:2873.0/9

+ sign -70.195+/-0.295 χ^2/NDF: 3172.6/28

All: -68.809+/-0.205 χ^2/NDF: 7211.9/57

- sign -67.496+/-0.287 χ^2/NDF: 3996.2/28

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 27.005+/-0.259 χ^2/NDF:383.1/11

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

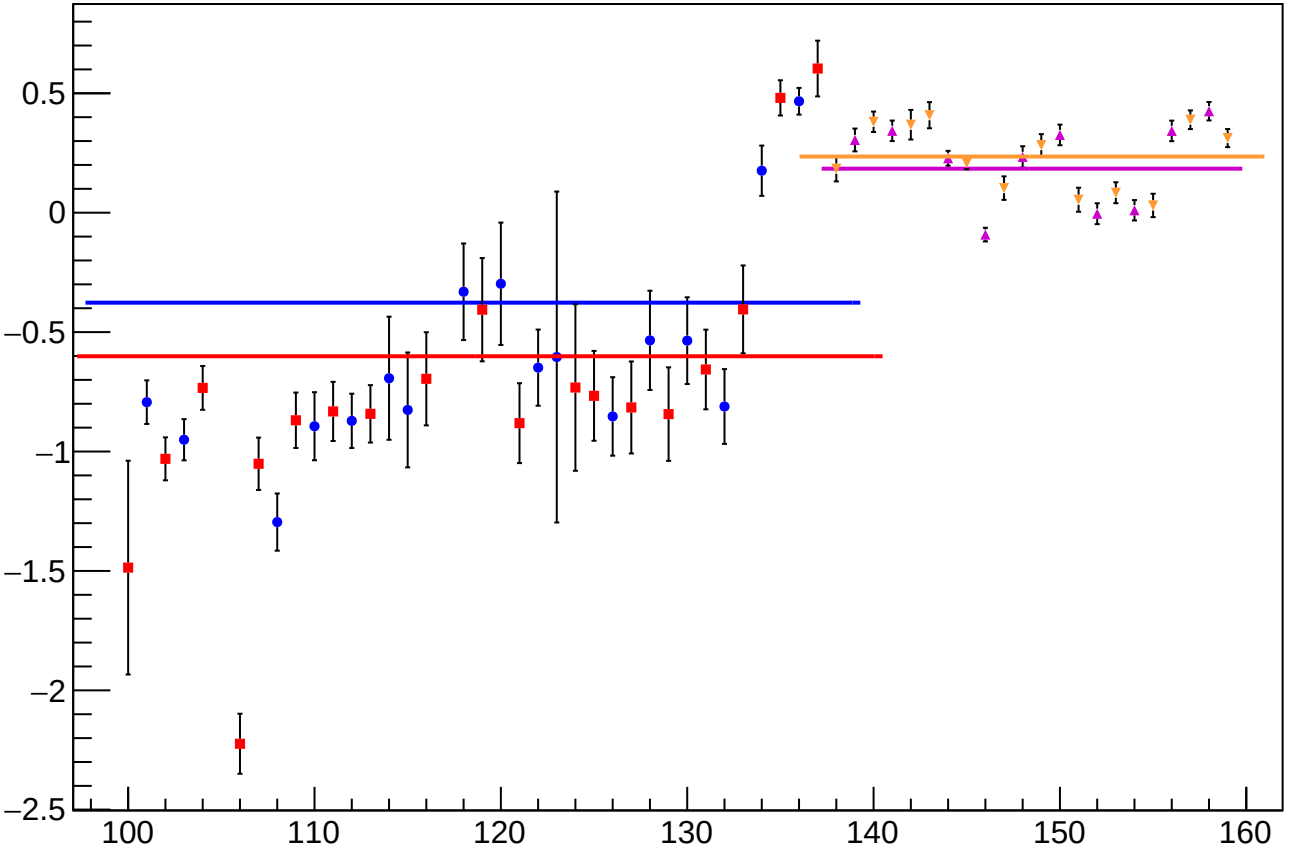
Left In: 28.186+/-0.250 χ^2/NDF:134.5/9

+ sign 26.305+/-0.235 χ^2/NDF: 885.2/28

All: 26.794+/-0.164 χ^2/NDF: 1484.4/57

- sign 27.259+/-0.229 χ^2/NDF: 590.7/28

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.235+/-0.012 χ^2/NDF:98.6/11

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

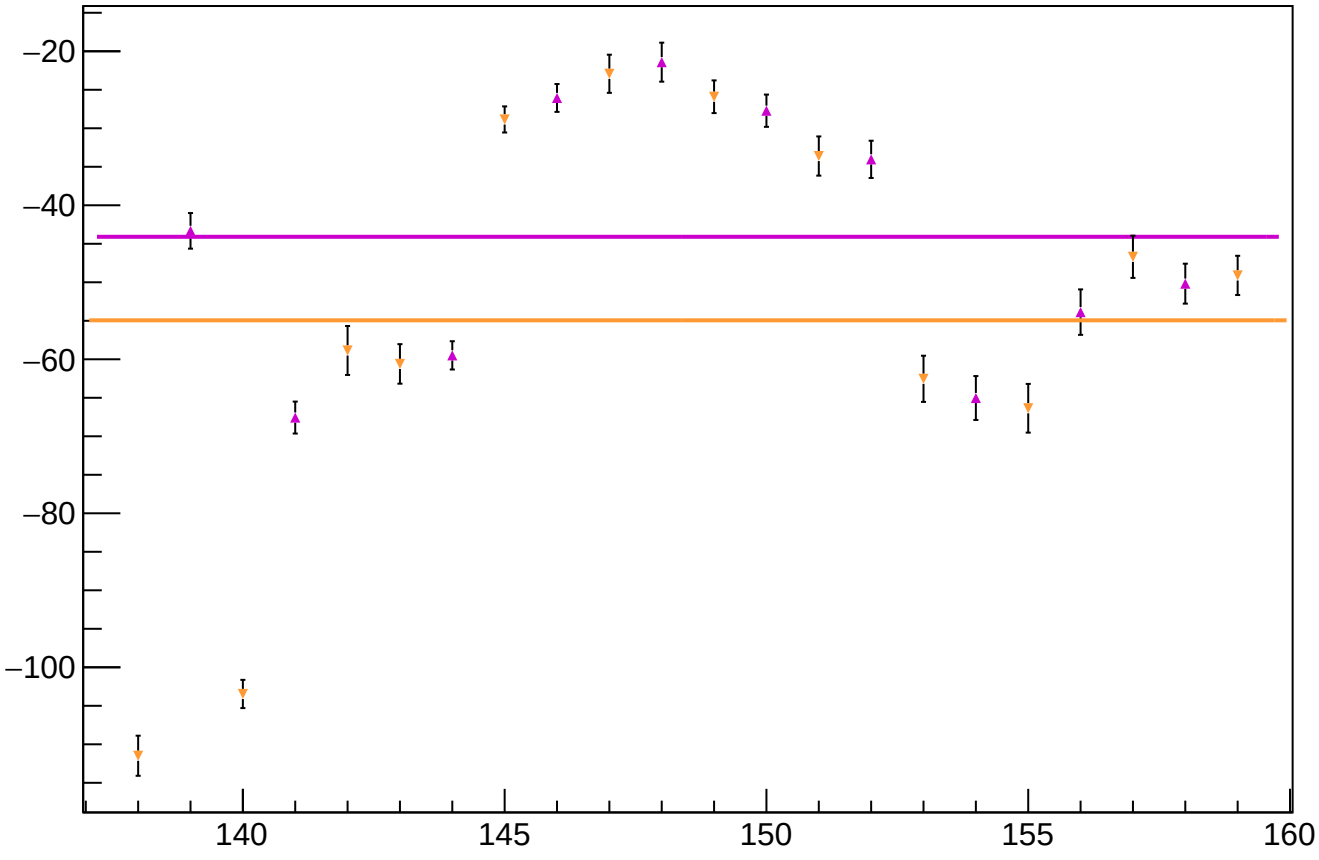
Left In: 0.184+/-0.012 χ^2/NDF:214.3/9

+ sign 0.147+/-0.011 χ^2/NDF: 890.1/28

All: 0.109+/-0.008 χ^2/NDF: 2262.2/57

- sign 0.072+/-0.011 χ^2/NDF: 1350.3/28

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -54.939+/-0.693 χ^2/NDF:1873.5/11

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

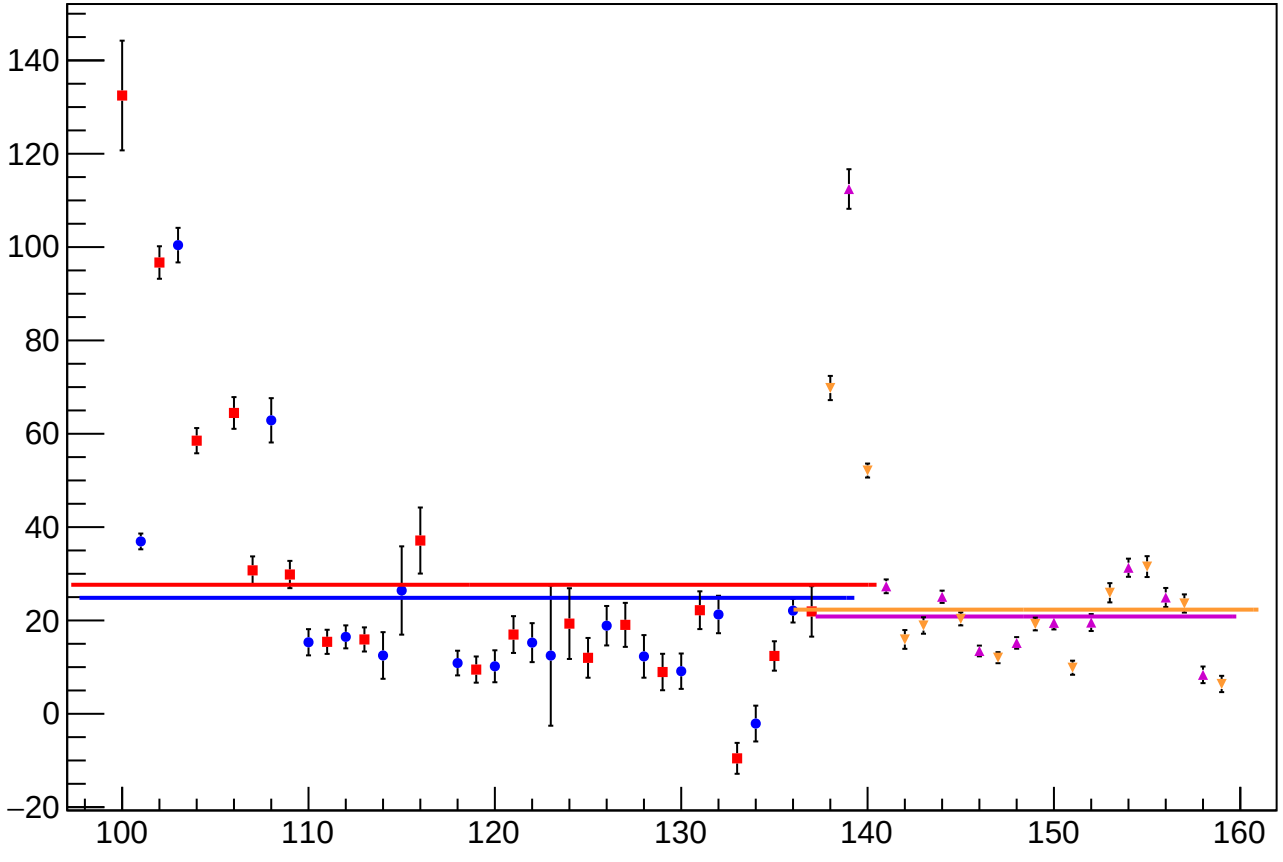
Left In: -44.092+/-0.714 χ^2/NDF:526.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -49.674+/-0.497 χ^2/NDF: 2519.2/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 22.320+/-0.477 χ^2/NDF:998.8/11

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

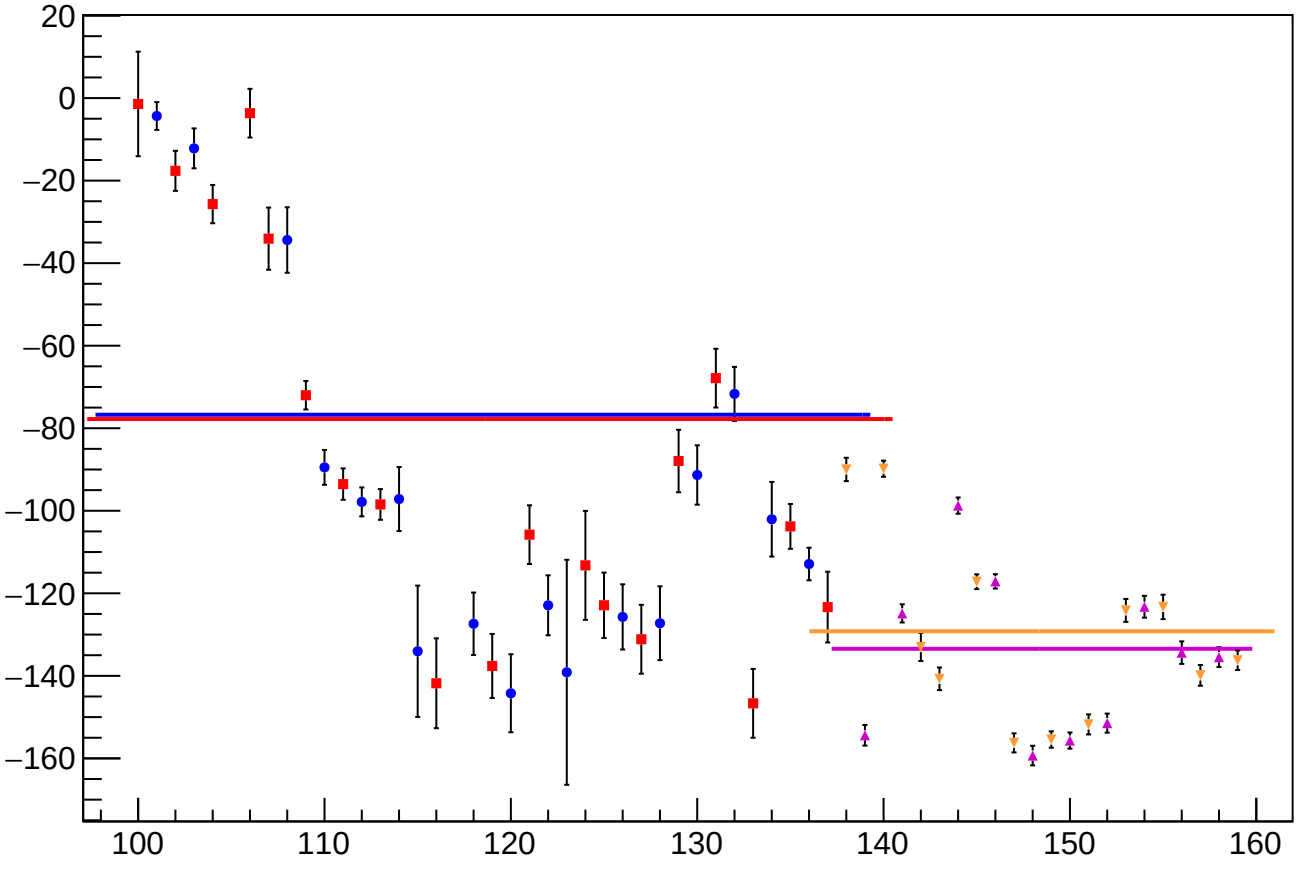
Left In: 20.848+/-0.493 χ^2/NDF:641.2/9

+ sign 22.983+/-0.410 χ^2/NDF: 1696.9/28

All: 22.838+/-0.294 χ^2/NDF: 3399.0/57

- sign 22.684+/-0.421 χ^2/NDF: 1701.8/28

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -129.196+/-0.689 χ^2/NDF:1095.1/11

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

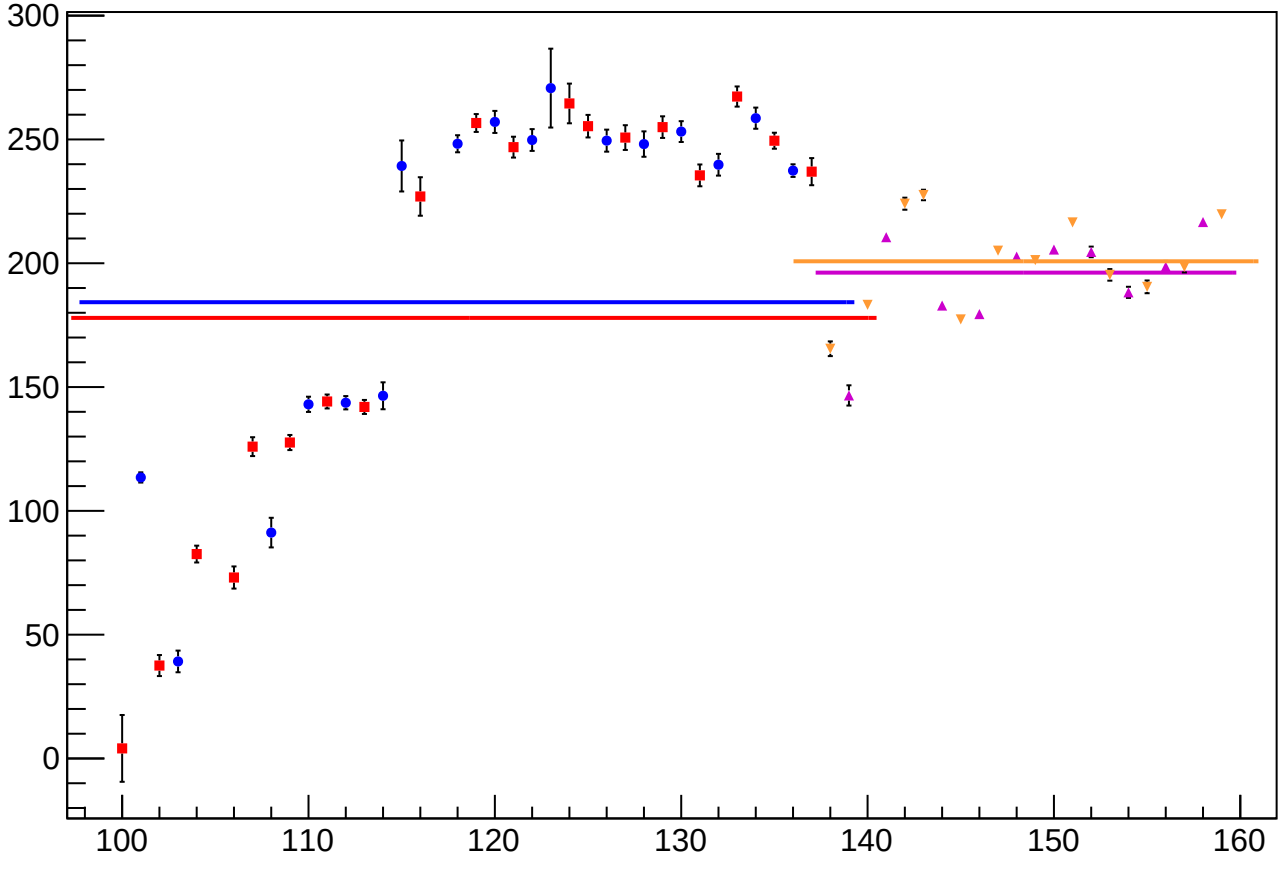
Left In: -133.446+/-0.702 χ^2/NDF:809.0/9

+ sign -119.116+/-0.619 χ^2/NDF: 3252.2/28

All: -120.367+/-0.439 χ^2/NDF: 6276.6/57

- sign -121.634+/-0.623 χ^2/NDF: 3016.1/28

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 200.791+/-0.573 χ^2/NDF:902.0/11

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

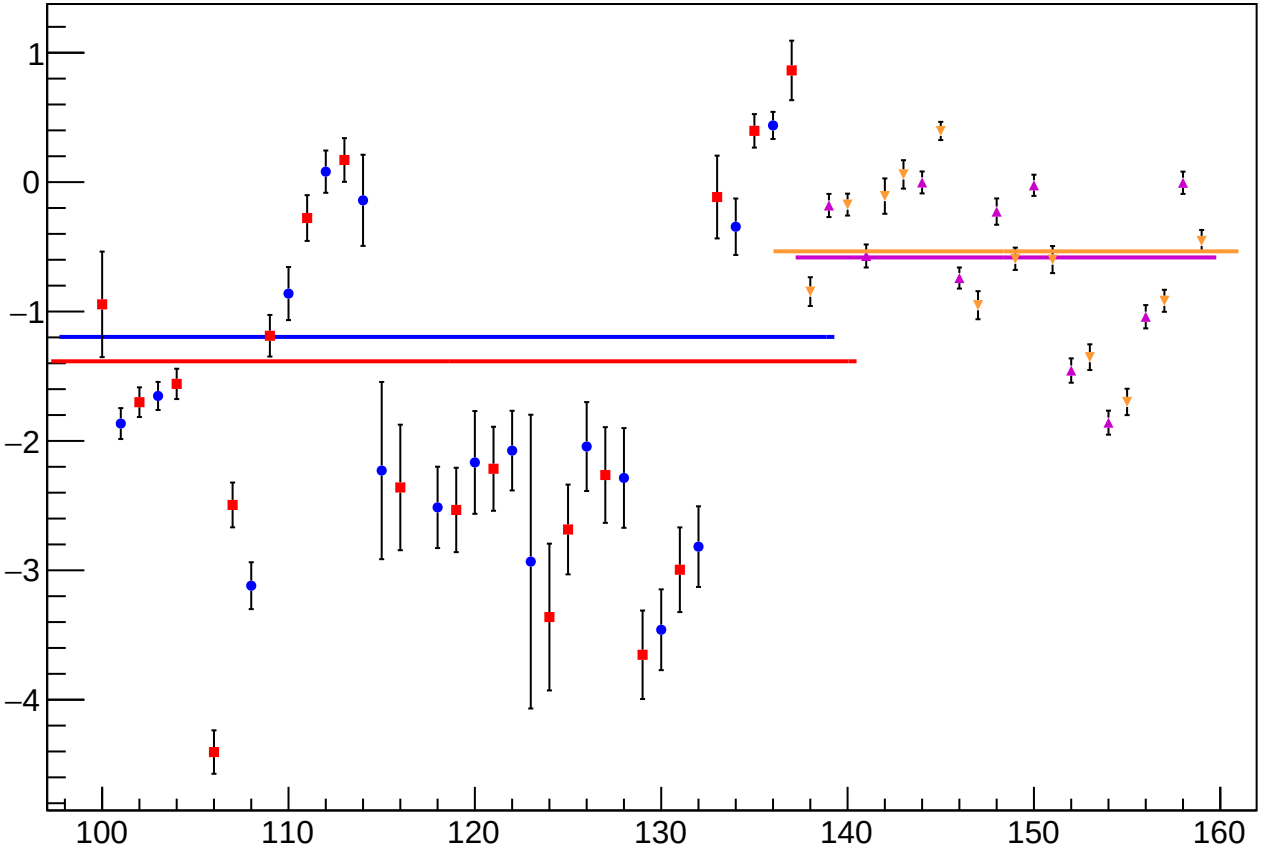
Left In: 196.212+/-0.590 χ^2/NDF:615.4/9

+ sign 196.123+/-0.486 χ^2/NDF: 6537.5/28

All: 193.580+/-0.348 χ^2/NDF: 13818.0/57

- sign 190.912+/-0.497 χ^2/NDF: 7224.3/28

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.535+/-0.027 χ^2/NDF:474.6/11

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

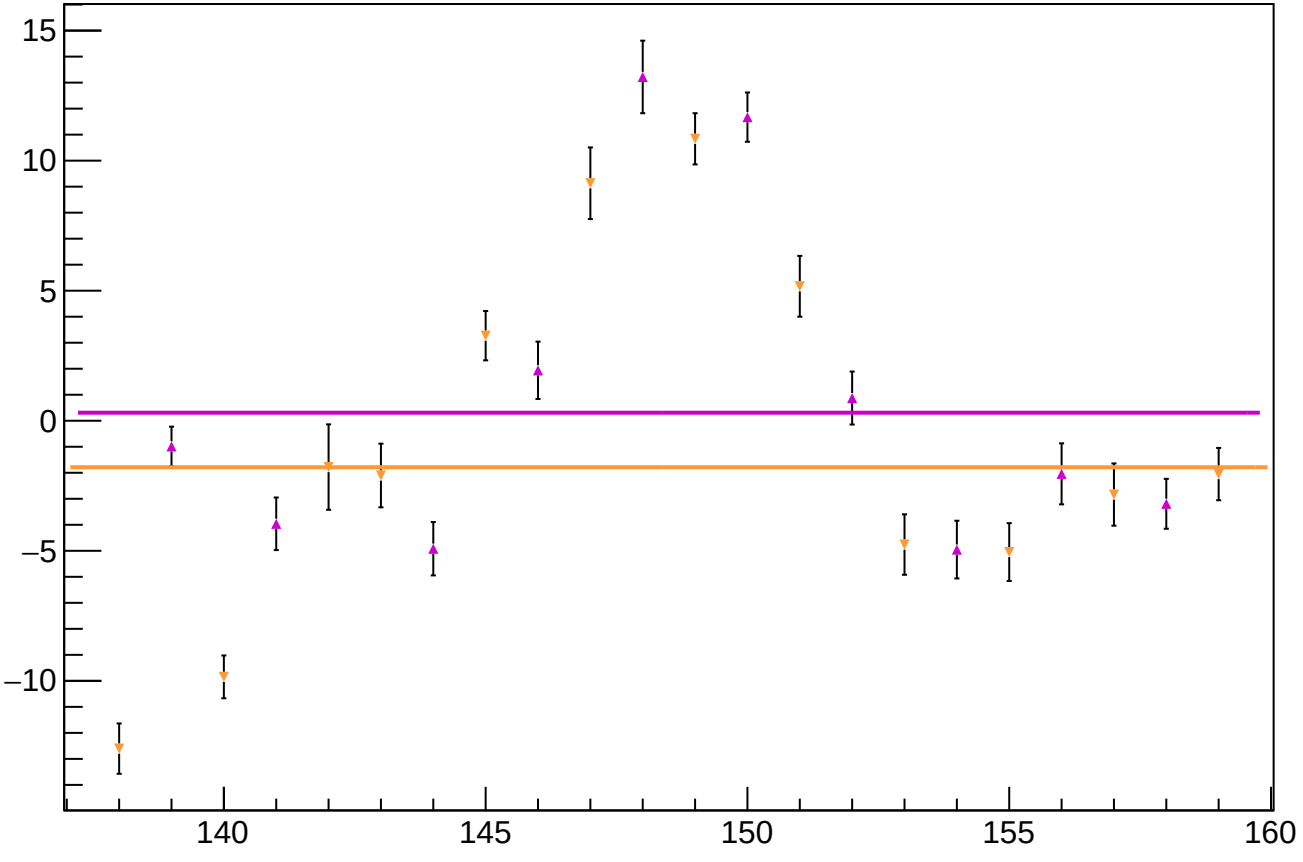
Left In: -0.582+/-0.028 χ^2/NDF:475.3/9

+ sign -0.696+/-0.024 χ^2/NDF: 1240.8/28

All: -0.748+/-0.017 χ^2/NDF: 2874.0/57

- sign -0.801+/-0.024 χ^2/NDF: 1623.4/28

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.788+/-0.313 χ^2/NDF:528.2/11

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

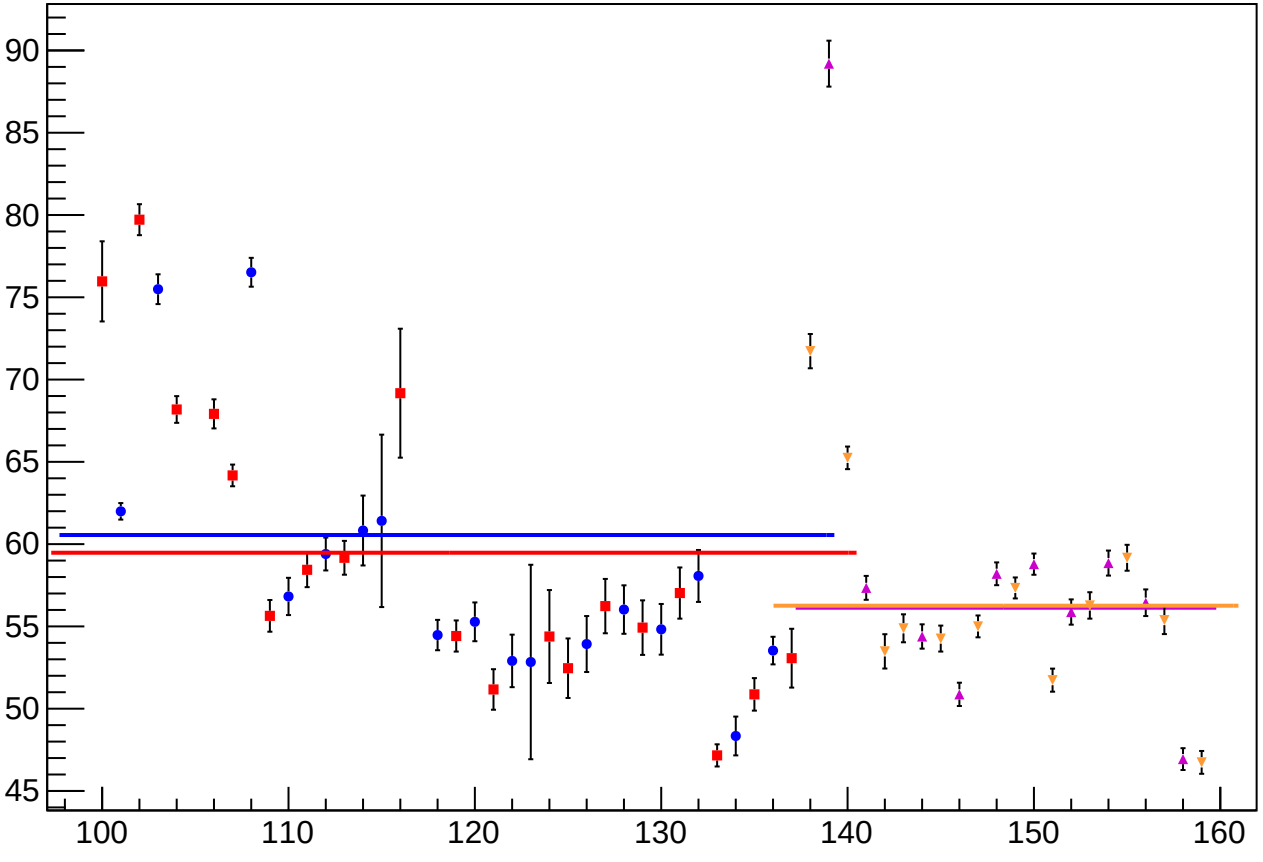
Left In: 0.310+/-0.321 χ^2/NDF:318.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.766+/-0.224 χ^2/NDF: 868.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 56.259+/-0.222 χ^2/NDF:659.3/11

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

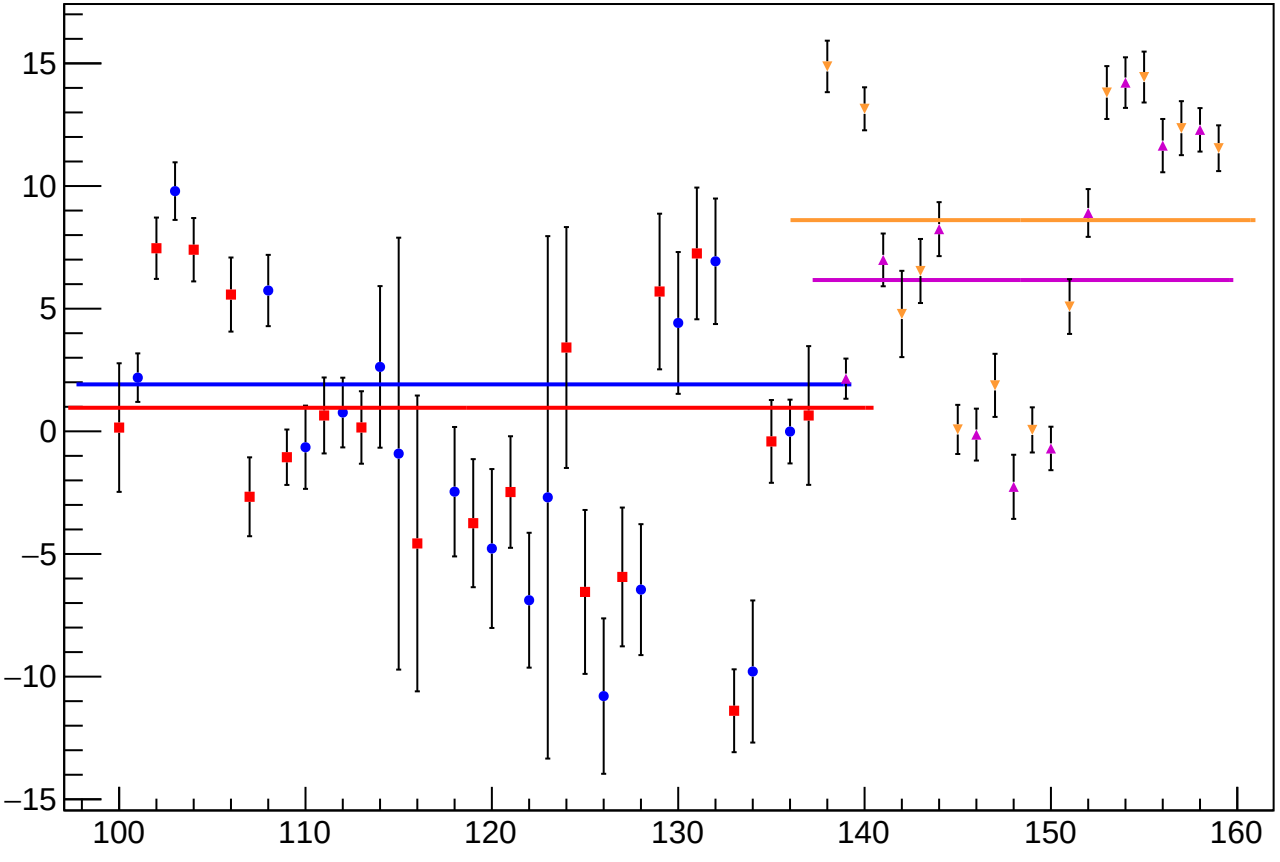
Left In: 56.135+/-0.236 χ^2/NDF:855.8/9

+ sign 58.055+/-0.169 χ^2/NDF: 1746.9/28

All: 57.891+/-0.120 χ^2/NDF: 4017.0/57

- sign 57.724+/-0.171 χ^2/NDF: 2268.2/28

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 8.610+/-0.309 χ^2/NDF:342.3/11

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

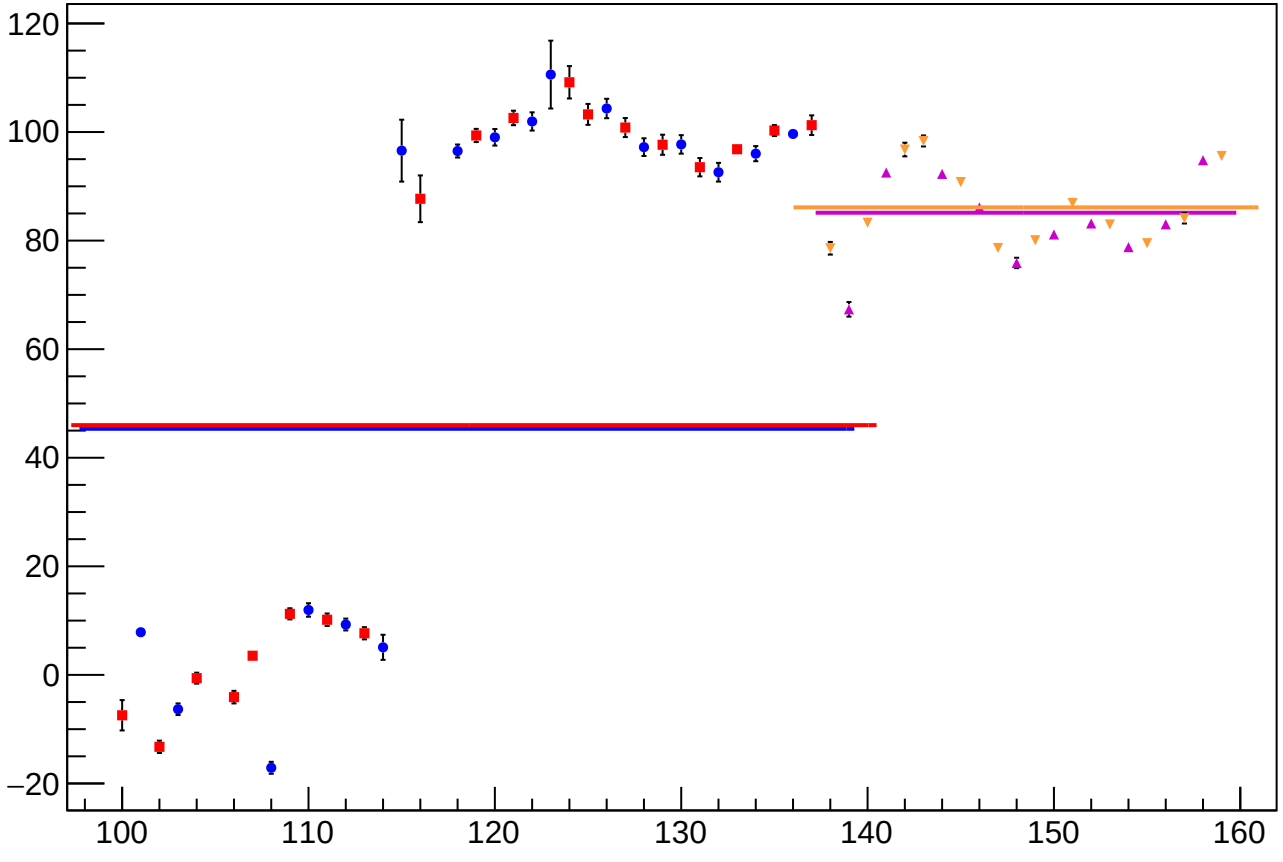
Left In: 6.168+/-0.315 χ^2/NDF:307.3/9

+ sign 6.513+/-0.256 χ^2/NDF: 610.9/28

All: 5.400+/-0.180 χ^2/NDF: 1201.9/57

- sign 4.314+/-0.253 χ^2/NDF: 553.8/28

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 86.126+/-0.262 χ^2/NDF:665.7/11

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

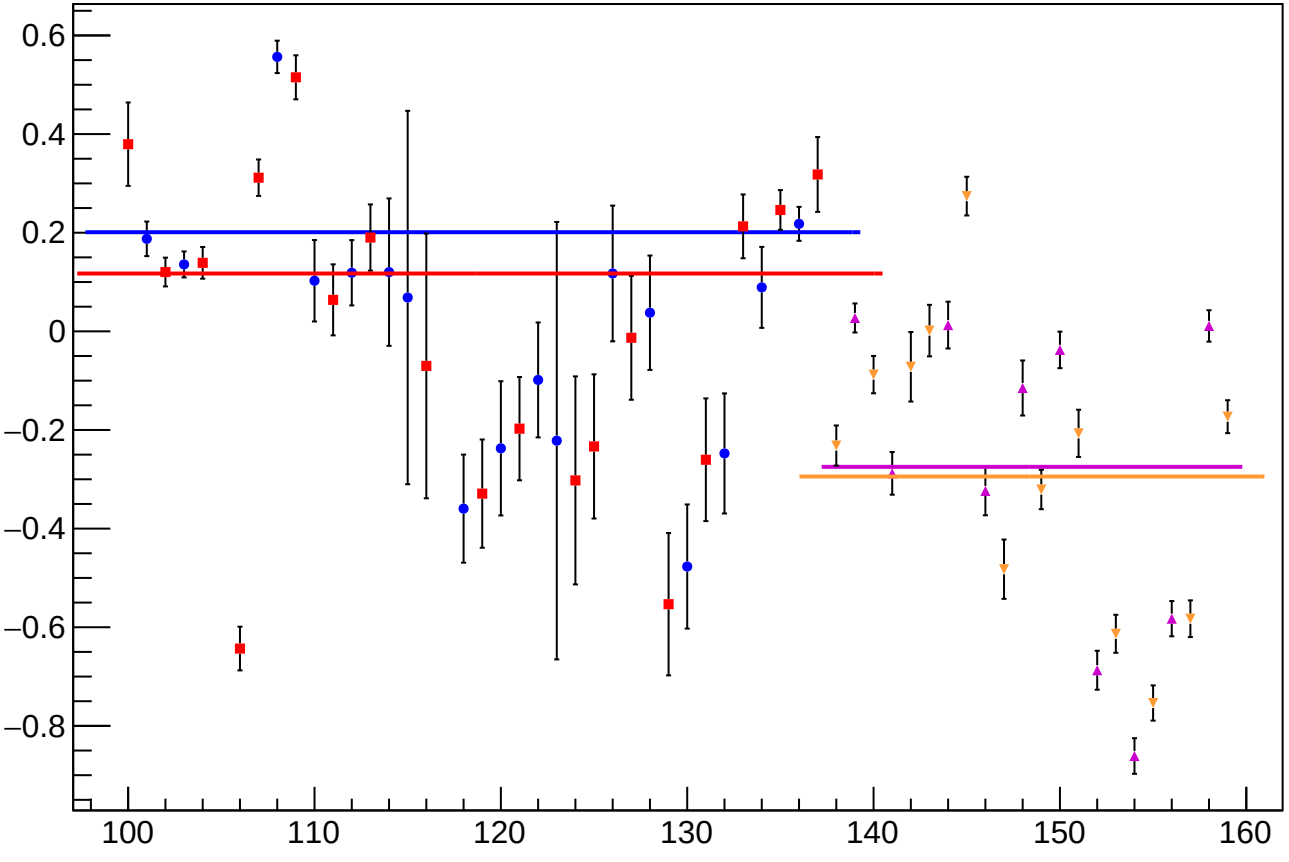
Left In: 85.137+/-0.276 χ^2/NDF:692.6/9

+ sign 68.691+/-0.198 χ^2/NDF: 36091.3/28

All: 67.610+/-0.141 χ^2/NDF: 74640.5/57

- sign 66.514+/-0.200 χ^2/NDF: 38489.4/28

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.294+/-0.012 χ^2/NDF:604.5/11

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

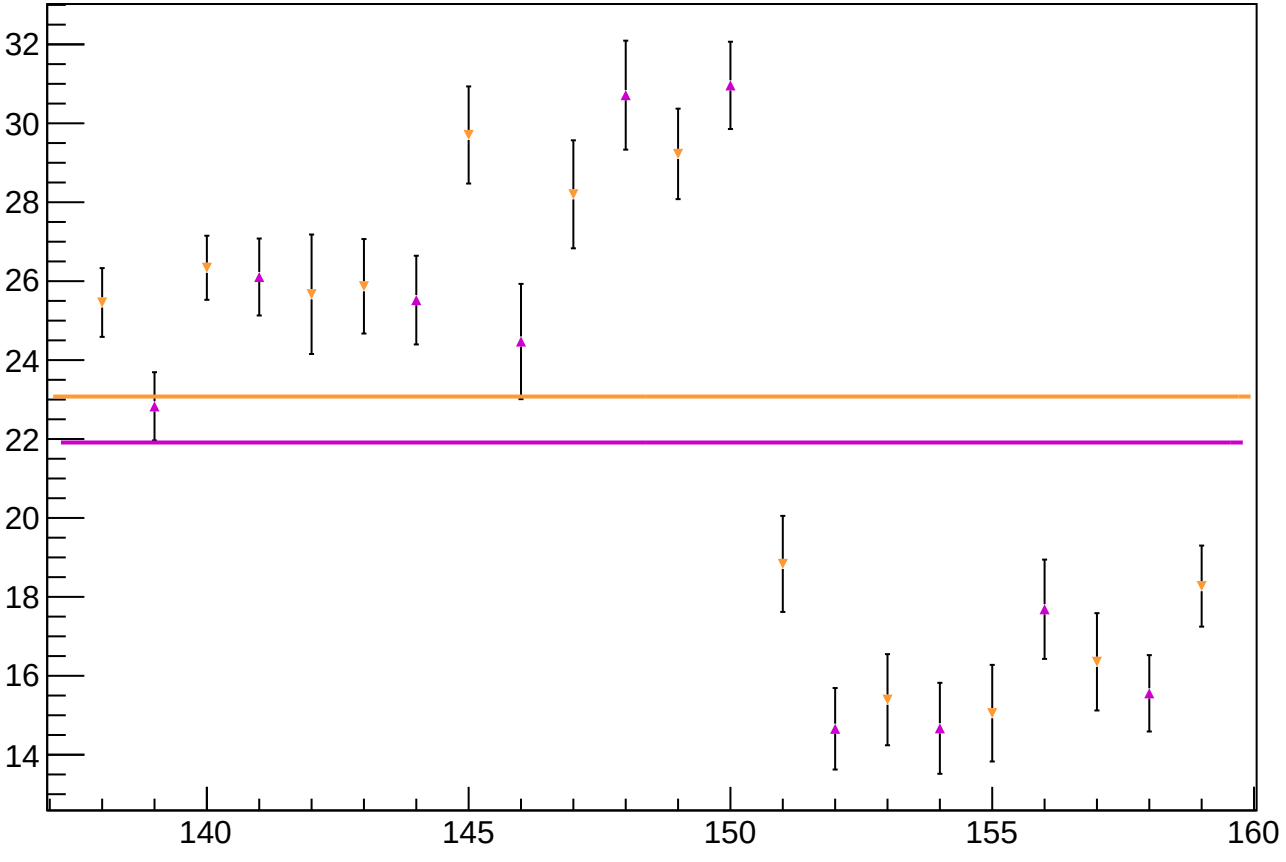
Left In: -0.275+/-0.012 χ^2/NDF:719.7/9

+ sign -0.085+/-0.009 χ^2/NDF: 1541.4/28

All: -0.089+/-0.006 χ^2/NDF: 3246.1/57

- sign -0.092+/-0.009 χ^2/NDF: 1704.4/28

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 23.077+/-0.322 χ^2/NDF:254.8/11

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

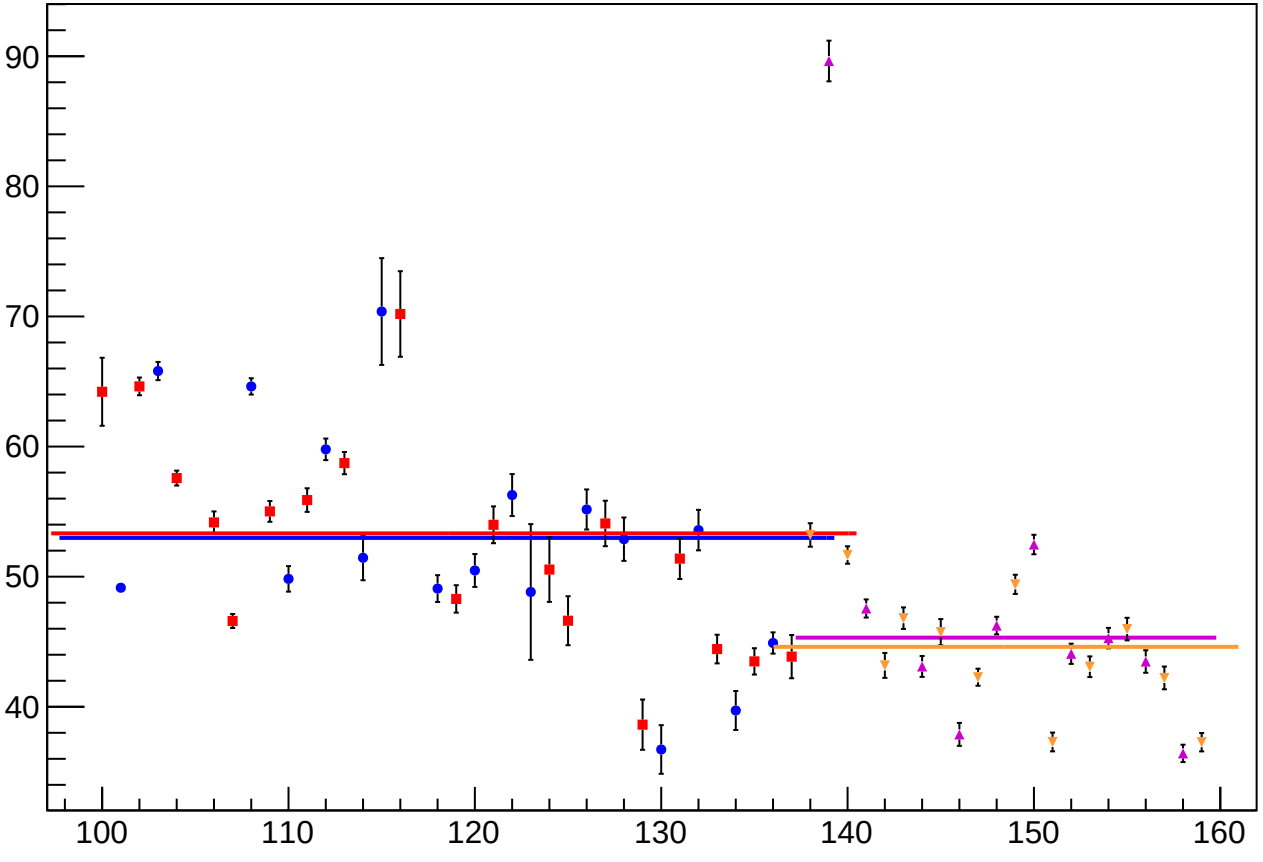
Left In: 21.912+/-0.345 χ^2/NDF:283.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.534+/-0.236 χ^2/NDF: 544.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 44.607+/-0.228 χ^2/NDF:490.9/11

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

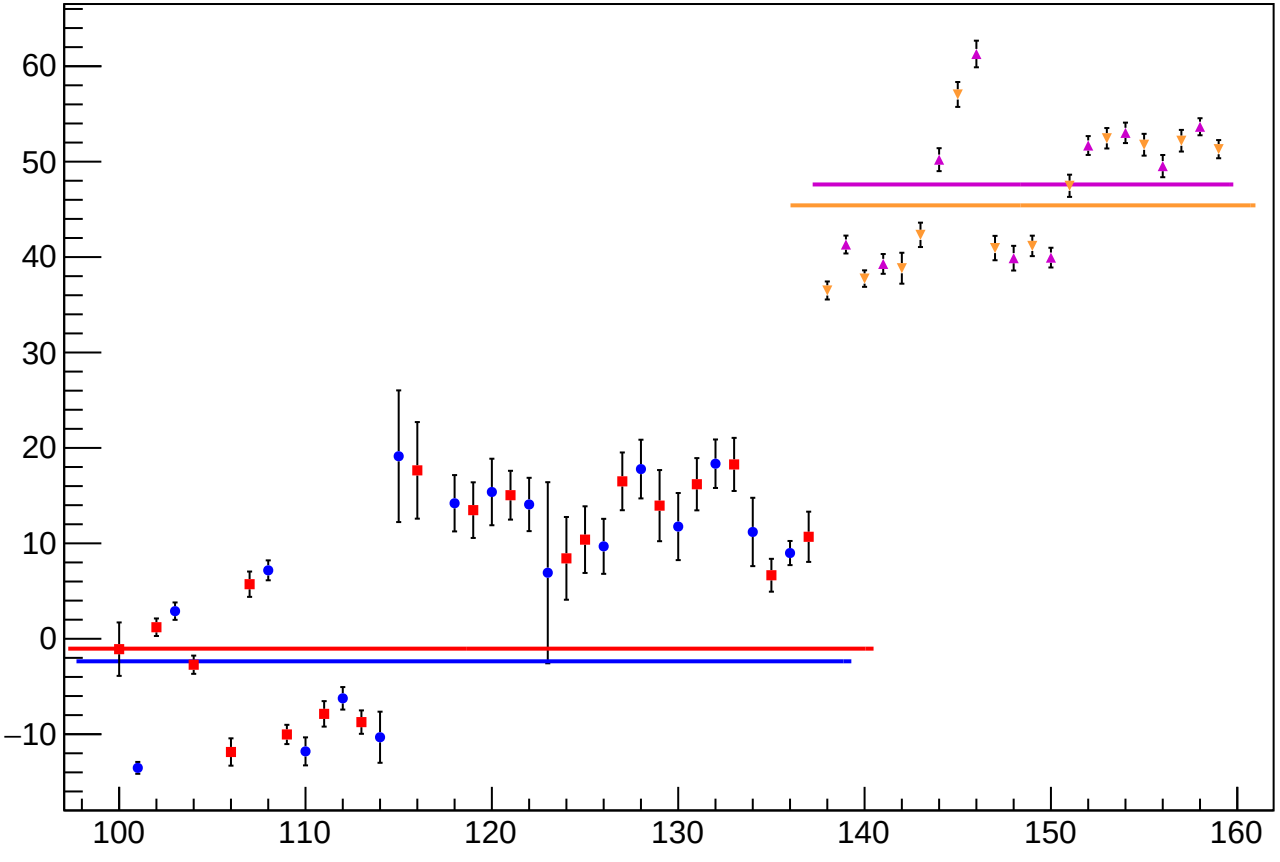
Left In: 45.313+/-0.249 χ^2/NDF:1170.9/9

+ sign 49.128+/-0.154 χ^2/NDF: 2419.2/28

All: 49.390+/-0.114 χ^2/NDF: 5035.1/57

- sign 49.698+/-0.168 χ^2/NDF: 2609.6/28

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 45.420+/-0.320 χ^2/NDF:448.5/11

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

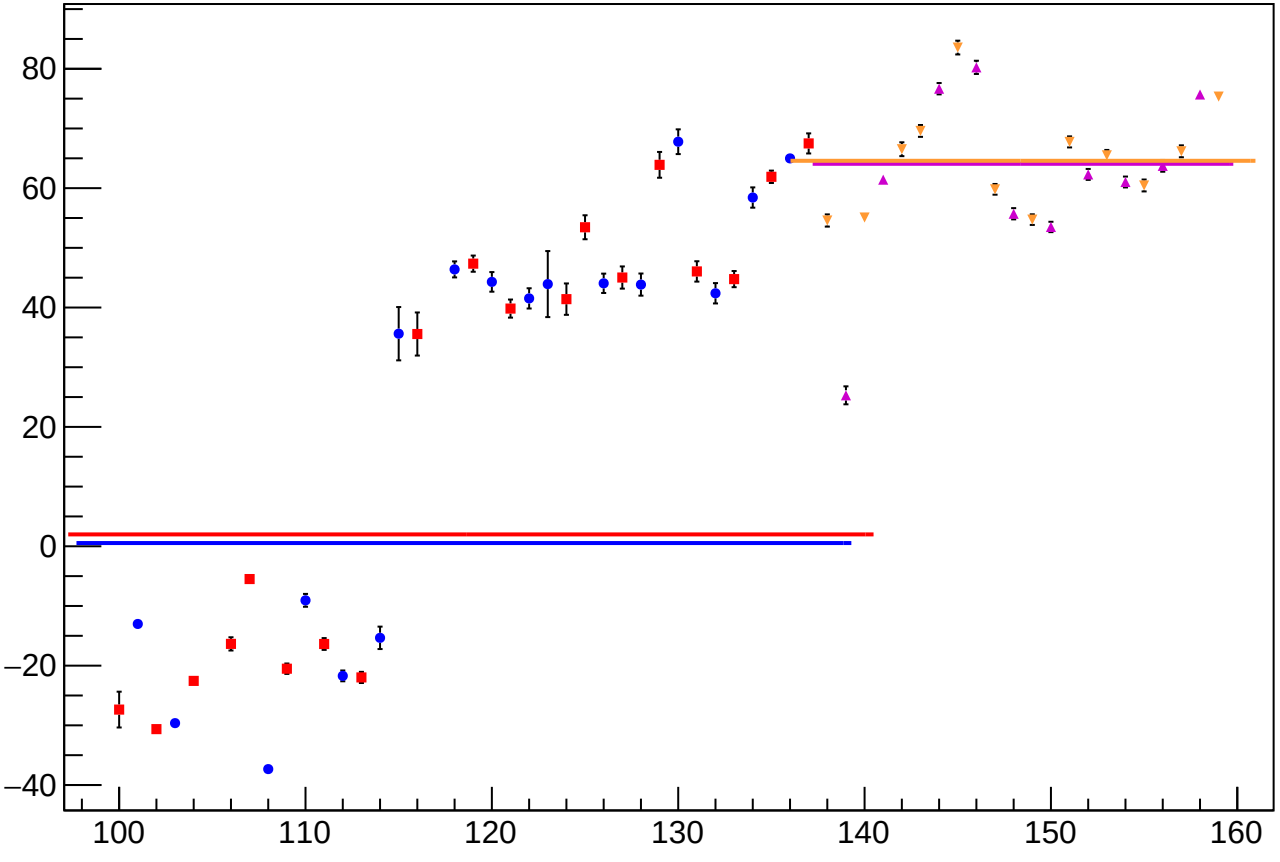
Left In: 47.609+/-0.339 χ^2/NDF:392.1/9

+ sign 24.589+/-0.240 χ^2/NDF: 11017.8/28

All: 25.186+/-0.174 χ^2/NDF: 21134.5/57

- sign 25.844+/-0.252 χ^2/NDF: 10103.7/28

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 64.585+/-0.270 χ^2/NDF:924.5/11

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

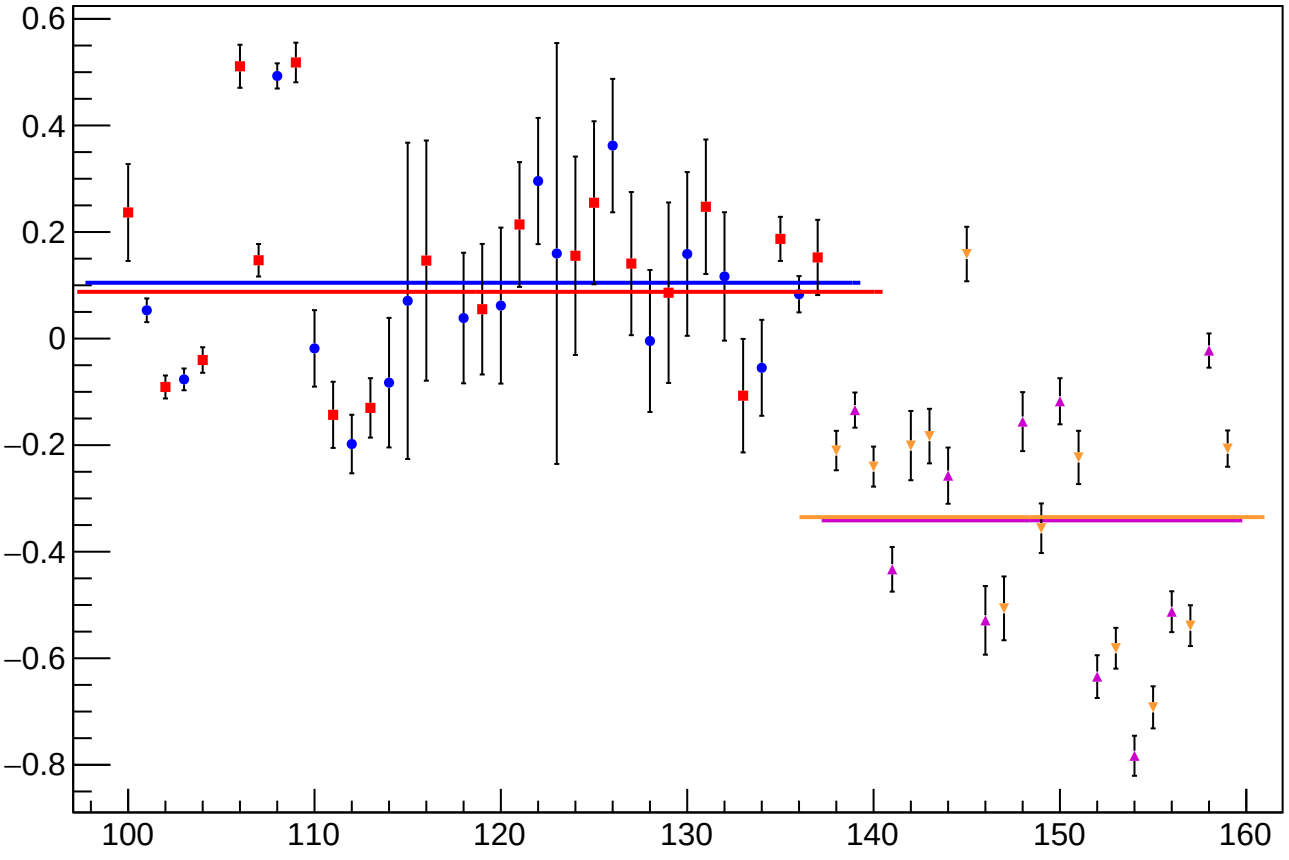
Left In: 64.082+/-0.292 χ^2/NDF:1577.0/9

+ sign 29.665+/-0.182 χ^2/NDF: 49994.2/28

All: 29.893+/-0.134 χ^2/NDF: 91676.5/57

- sign 30.160+/-0.197 χ^2/NDF: 41678.9/28

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.335+/-0.012 χ^2/NDF:302.9/11

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

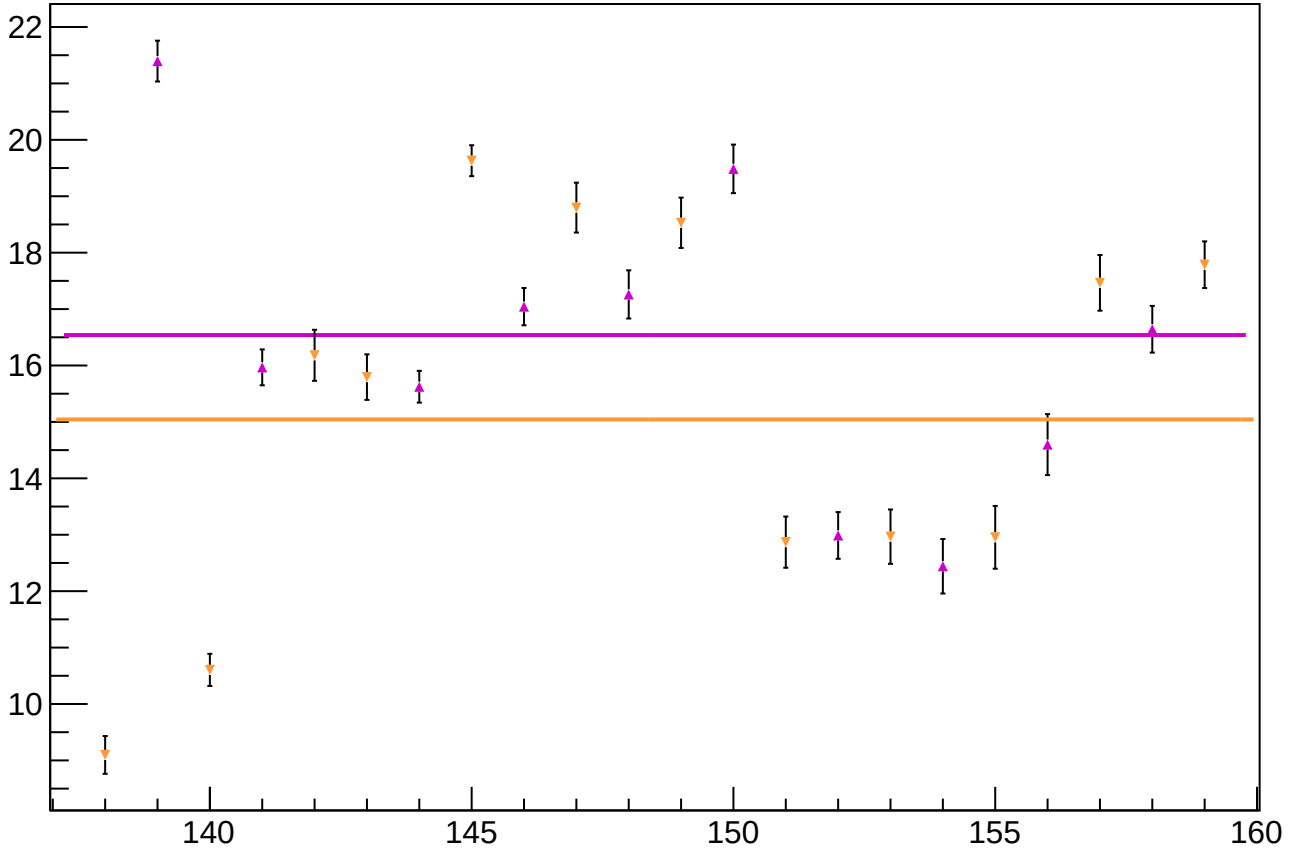
Left In: -0.341+/-0.013 χ^2/NDF:403.3/9

+ sign -0.089+/-0.008 χ^2/NDF: 1402.4/28

All: -0.090+/-0.006 χ^2/NDF: 2831.7/57

- sign -0.091+/-0.008 χ^2/NDF: 1429.2/28

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 15.043+/-0.113 χ^2/NDF:1104.4/11

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

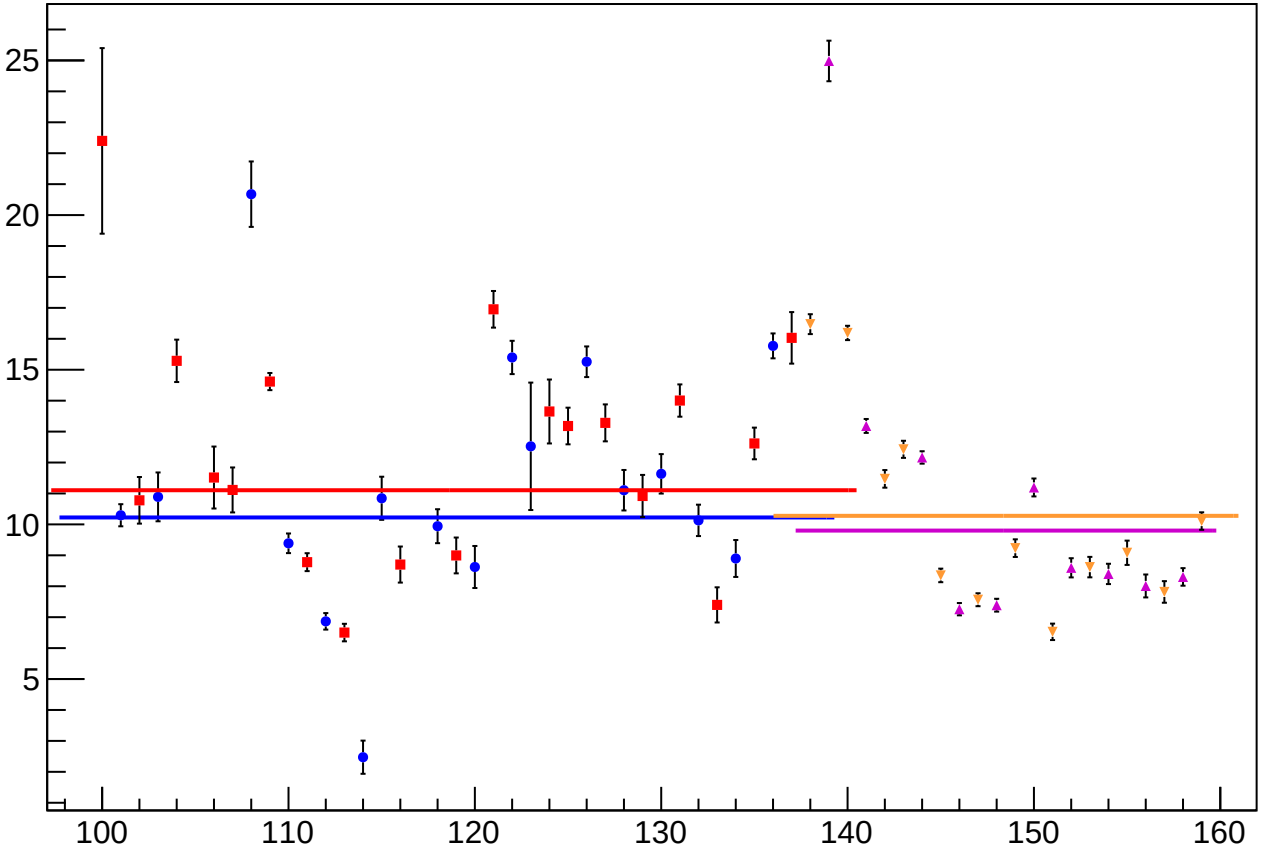
Left In: 16.540+/-0.120 χ^2/NDF:404.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.749+/-0.082 χ^2/NDF: 1591.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.277+/-0.079 χ^2/NDF:1644.0/11

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

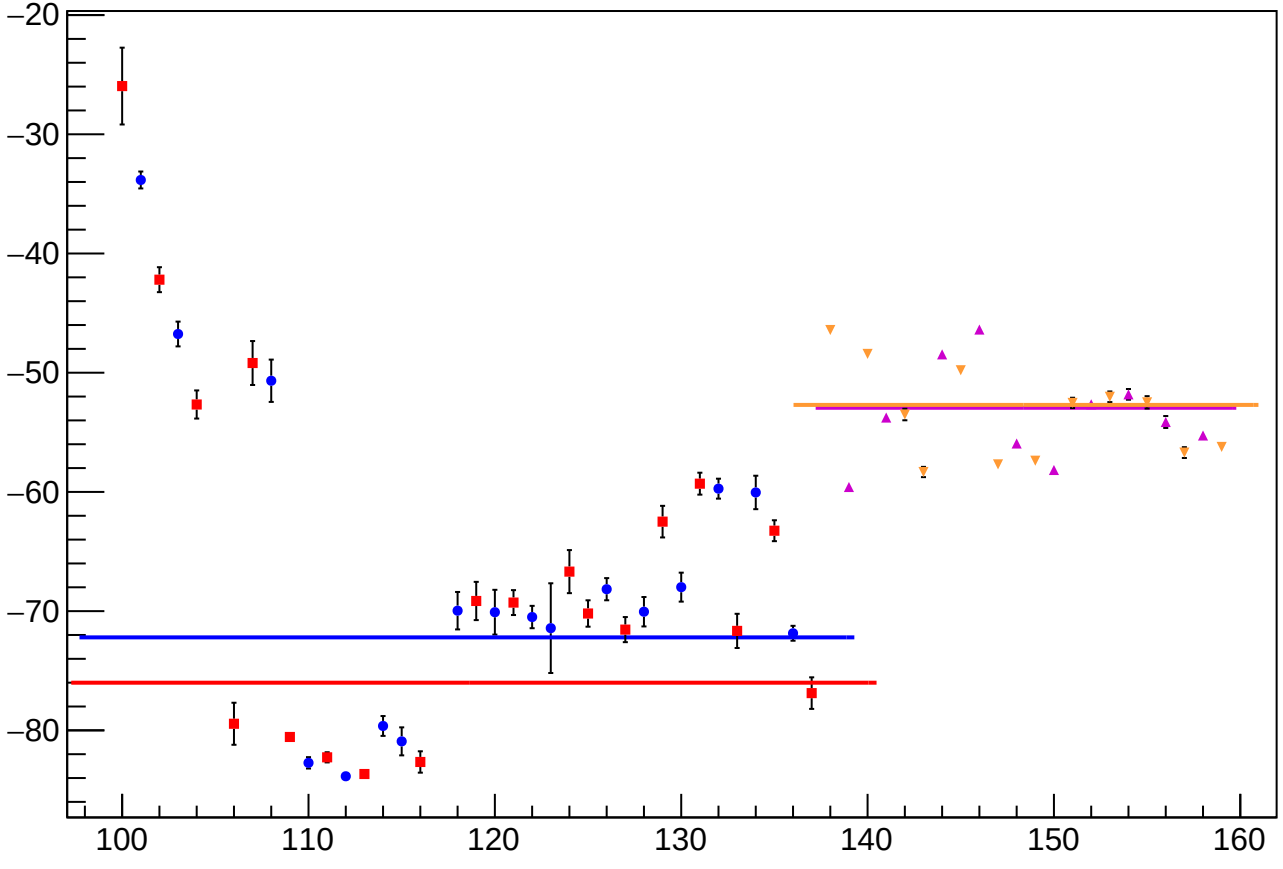
Left In: 9.800+/-0.083 χ^2/NDF:1305.9/9

+ sign 10.261+/-0.066 χ^2/NDF: 2521.7/28

All: 10.249+/-0.047 χ^2/NDF: 4728.4/57

- sign 10.237+/-0.067 χ^2/NDF: 2206.6/28

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -52.701+/-0.114 χ^2/NDF:1206.7/11

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

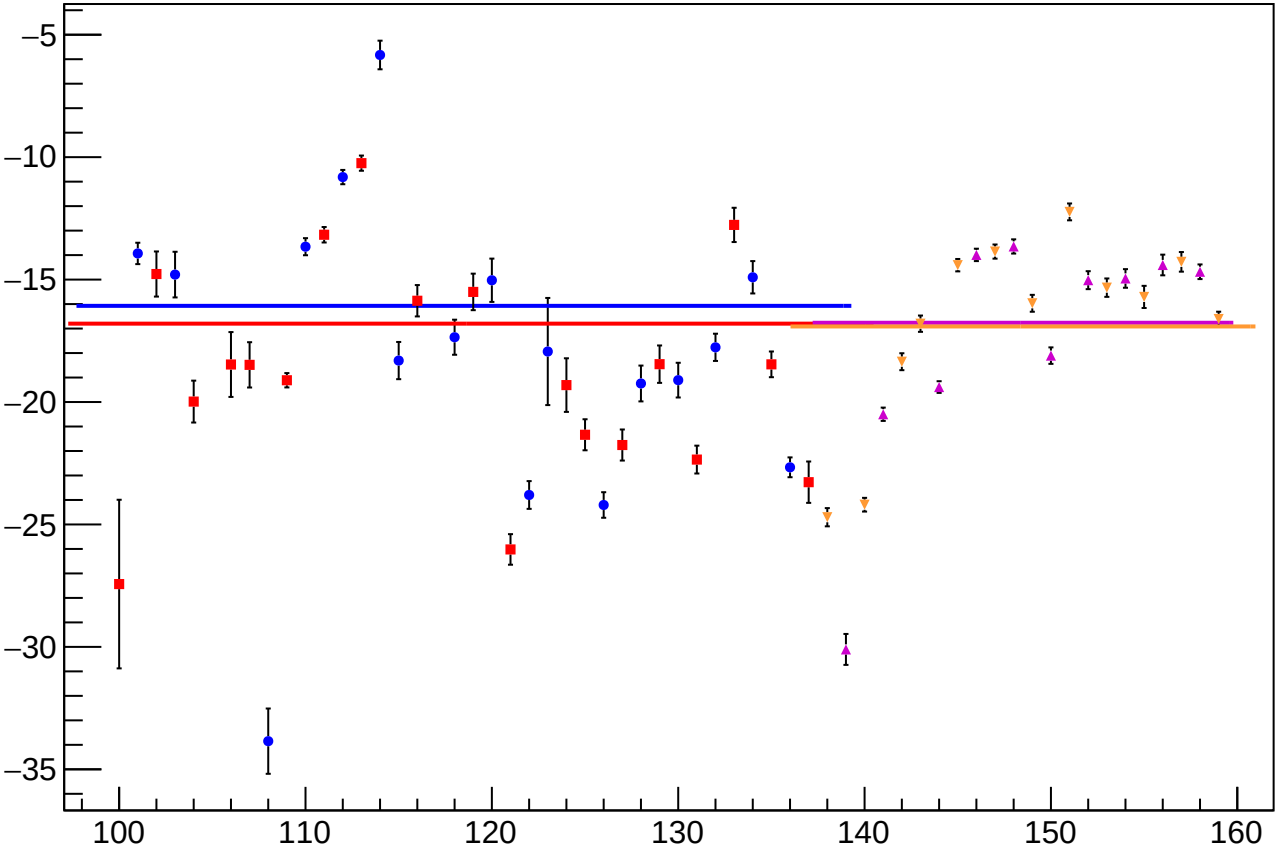
Left In: -52.941+/-0.119 χ^2/NDF:1217.3/9

+ sign -57.563+/-0.099 χ^2/NDF: 14077.0/28

All: -58.720+/-0.070 χ^2/NDF: 30386.1/57

- sign -59.891+/-0.099 χ^2/NDF: 16032.9/28

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -16.914+/-0.095 χ^2/NDF:1602.4/11

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

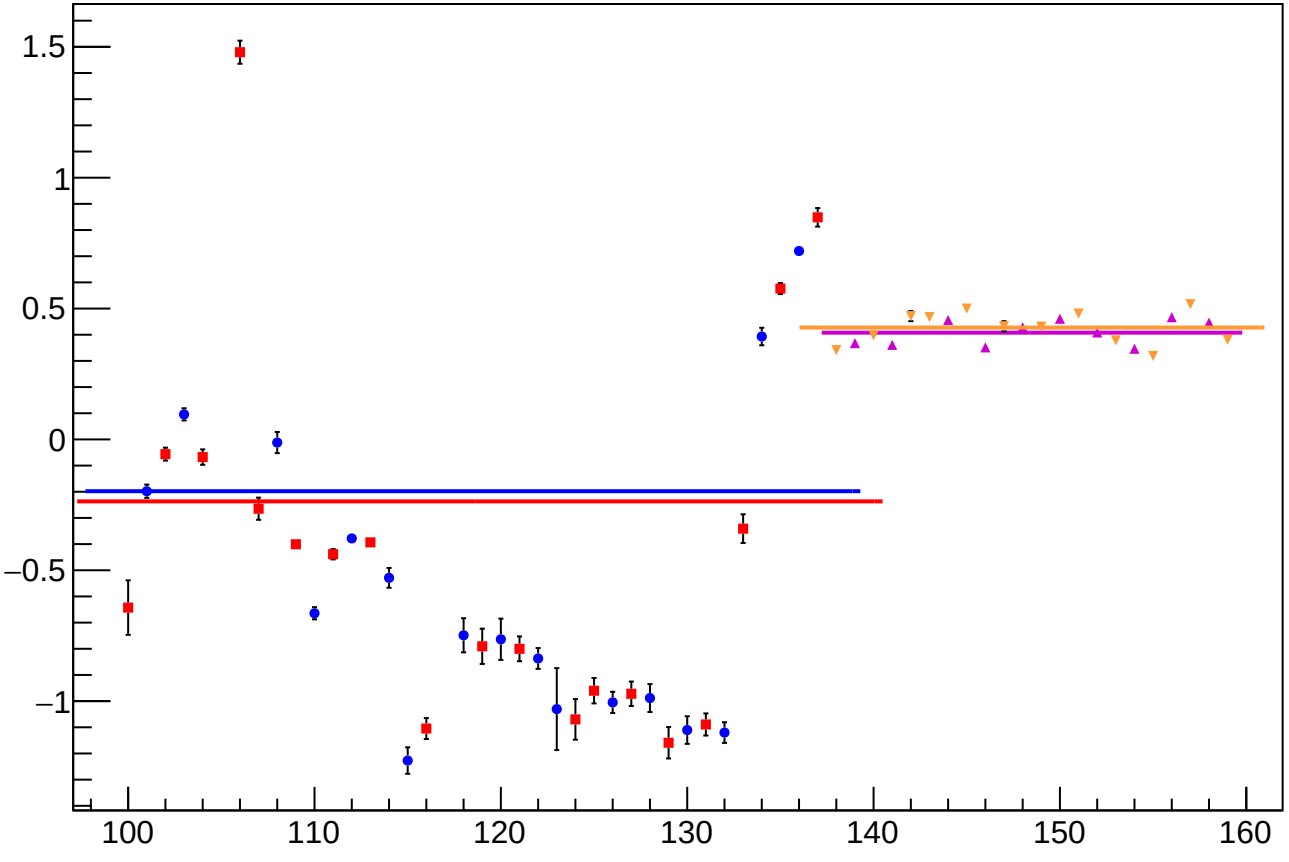
Left In: -16.763+/-0.099 χ^2/NDF:1132.0/9

+ sign -16.628+/-0.077 χ^2/NDF: 3270.1/28

All: -16.701+/-0.055 χ^2/NDF: 5619.7/57

- sign -16.777+/-0.079 χ^2/NDF: 2347.8/28

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.427+/-0.005 χ^2/NDF:190.7/11

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

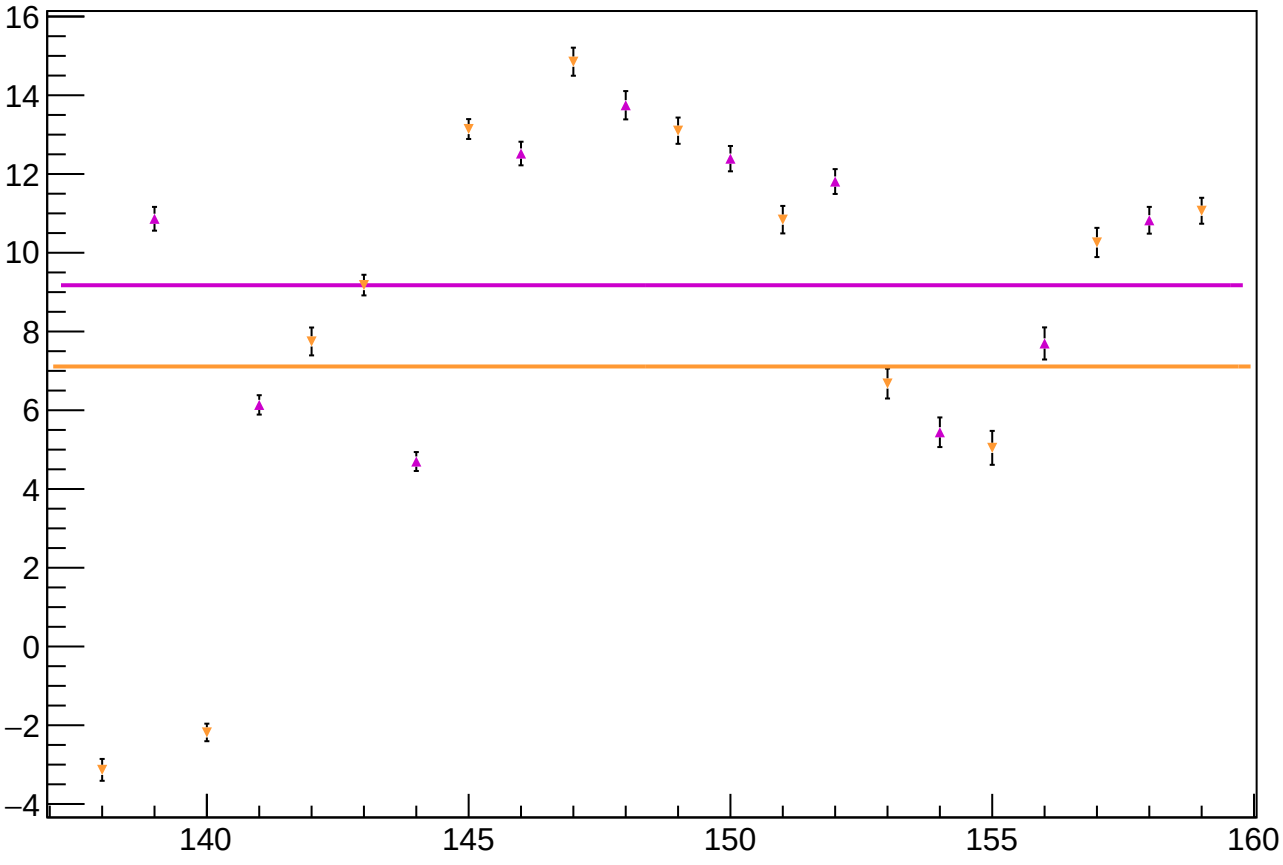
Left In: 0.408+/-0.005 χ^2/NDF:95.3/9

+ sign 0.263+/-0.004 χ^2/NDF: 11599.5/28

All: 0.238+/-0.003 χ^2/NDF: 23631.8/57

- sign 0.213+/-0.004 χ^2/NDF: 11950.7/28

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 7.111+/-0.089 χ^2/NDF:4888.8/11

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

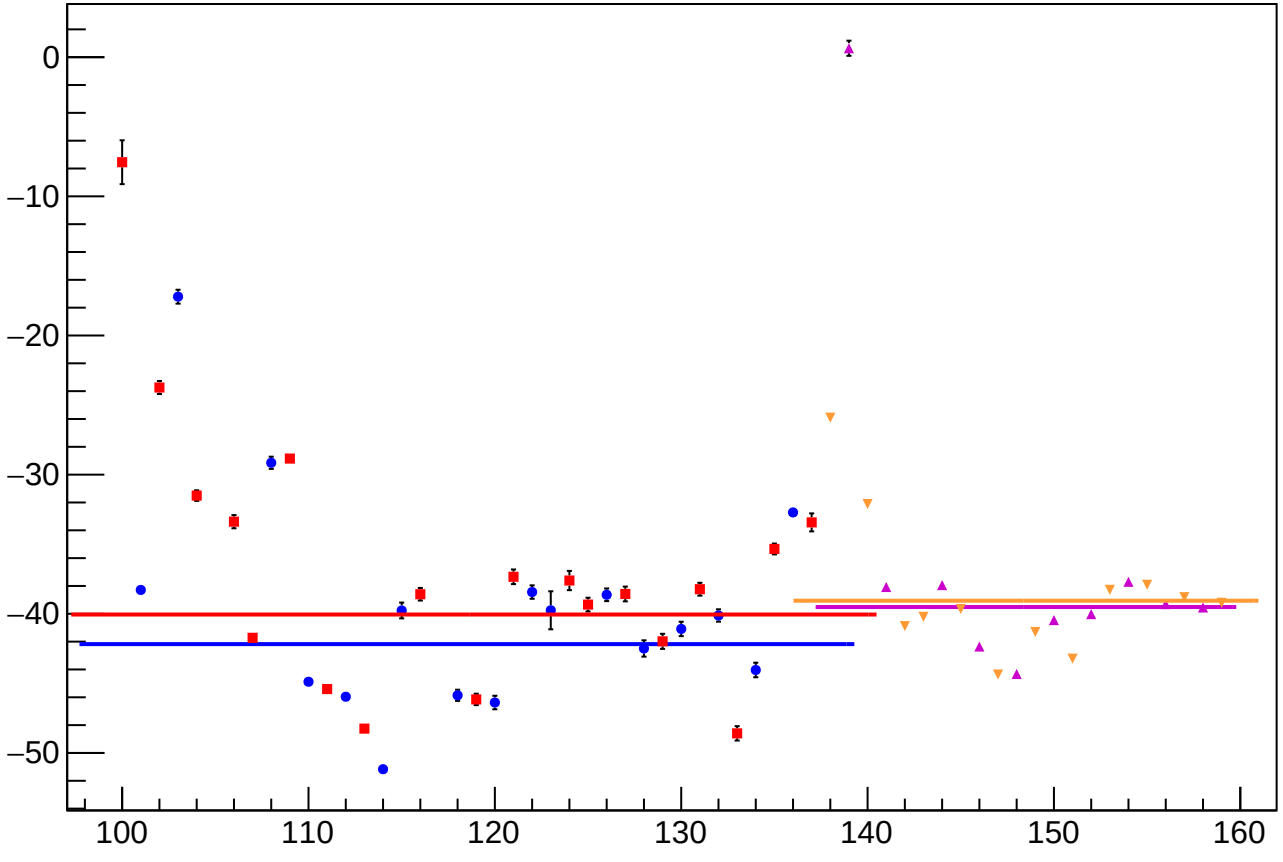
Left In: 9.175+/-0.098 χ^2/NDF:1121.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.053+/-0.066 χ^2/NDF: 6253.4/21

- 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: -39.058+/-0.062 χ^2/NDF:5497.9/11

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

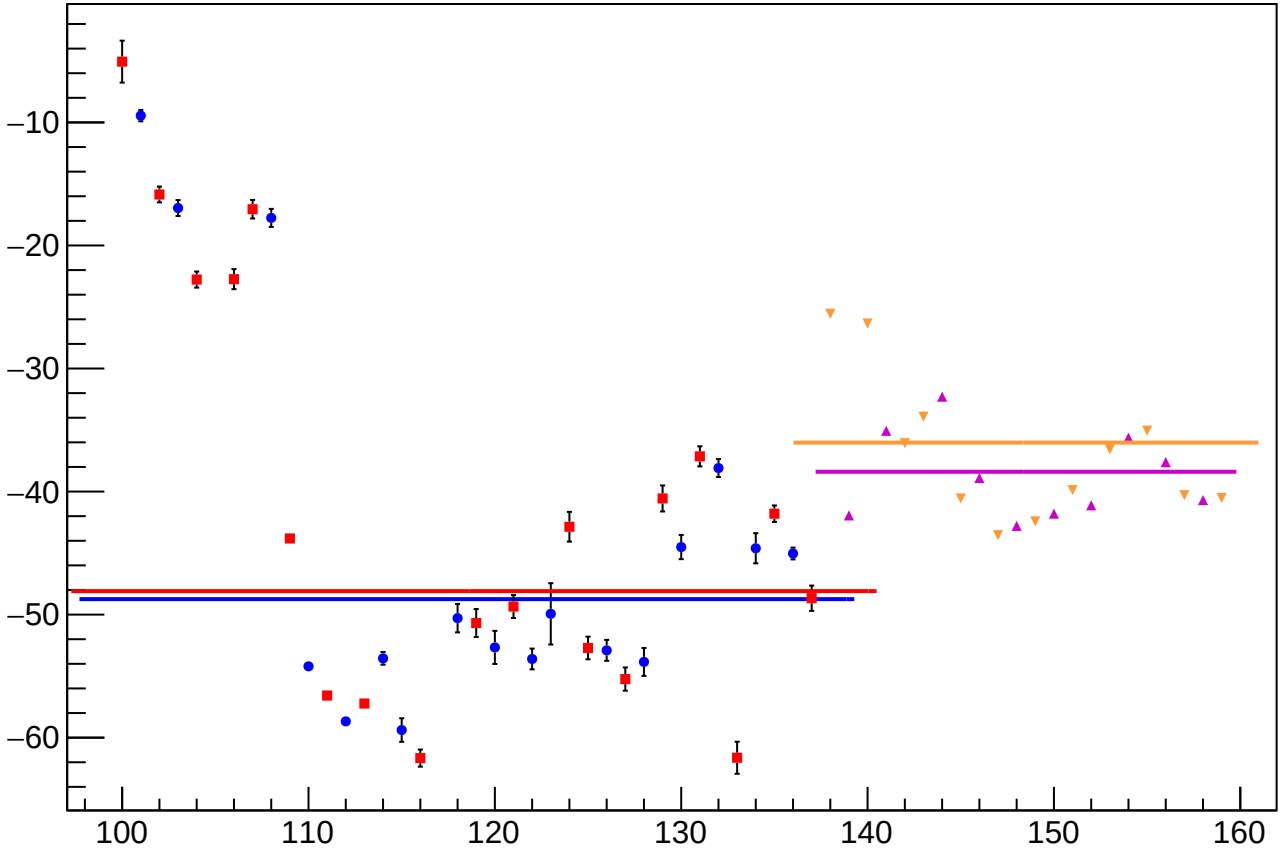
Left In: -39.513+/-0.068 χ^2/NDF:6643.4/9

+ sign -40.275+/-0.049 χ^2/NDF: 13053.9/28

All: -40.025+/-0.035 χ^2/NDF: 31094.2/57

- sign -39.764+/-0.050 χ^2/NDF: 17986.2/28

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -36.021+/-0.090 χ^2/NDF:4665.1/11

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

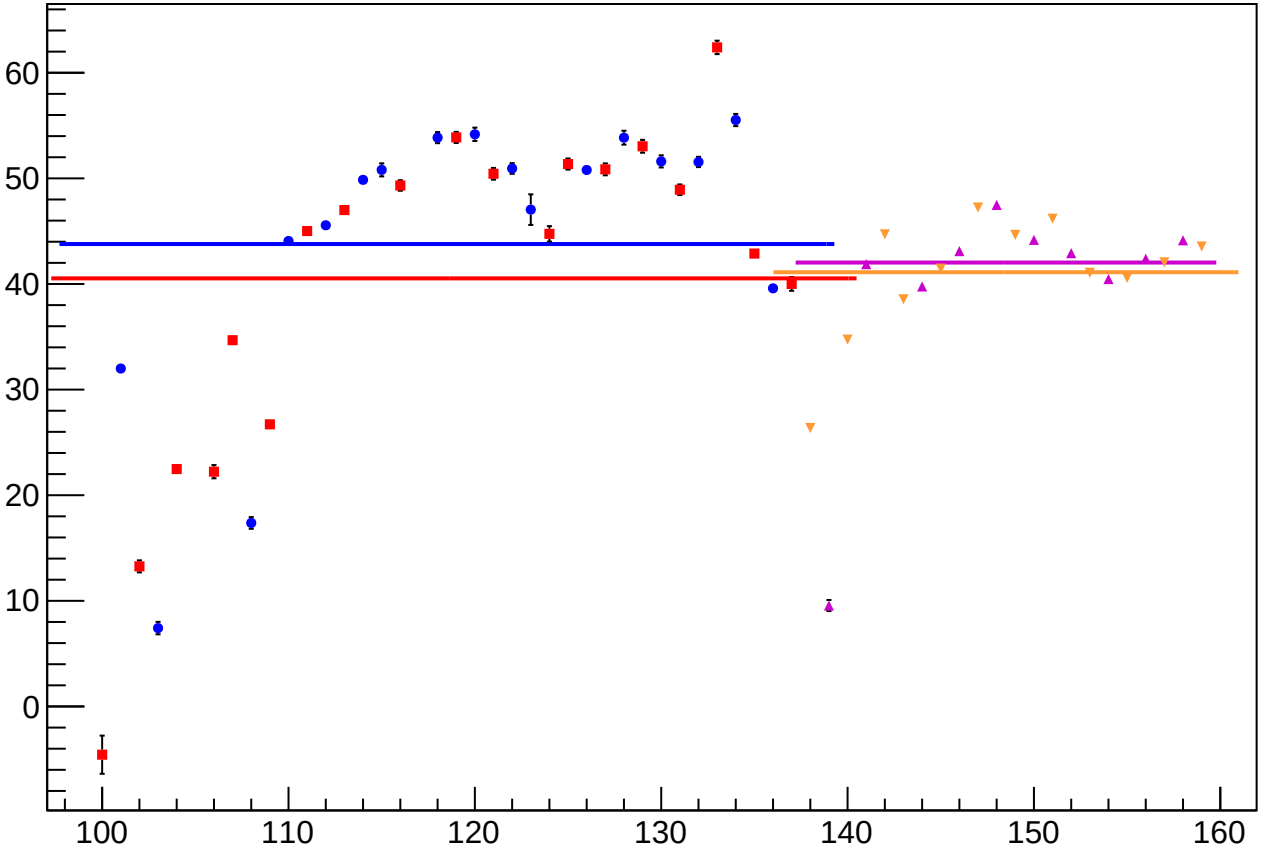
Left In: -38.390+/-0.097 χ^2/NDF:1346.2/9

+ sign -40.373+/-0.073 χ^2/NDF: 26200.9/28

All: -41.570+/-0.051 χ^2/NDF: 44332.9/57

- sign -42.733+/-0.072 χ^2/NDF: 17598.7/28

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 41.115+/-0.075 χ^2/NDF:4780.3/11

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

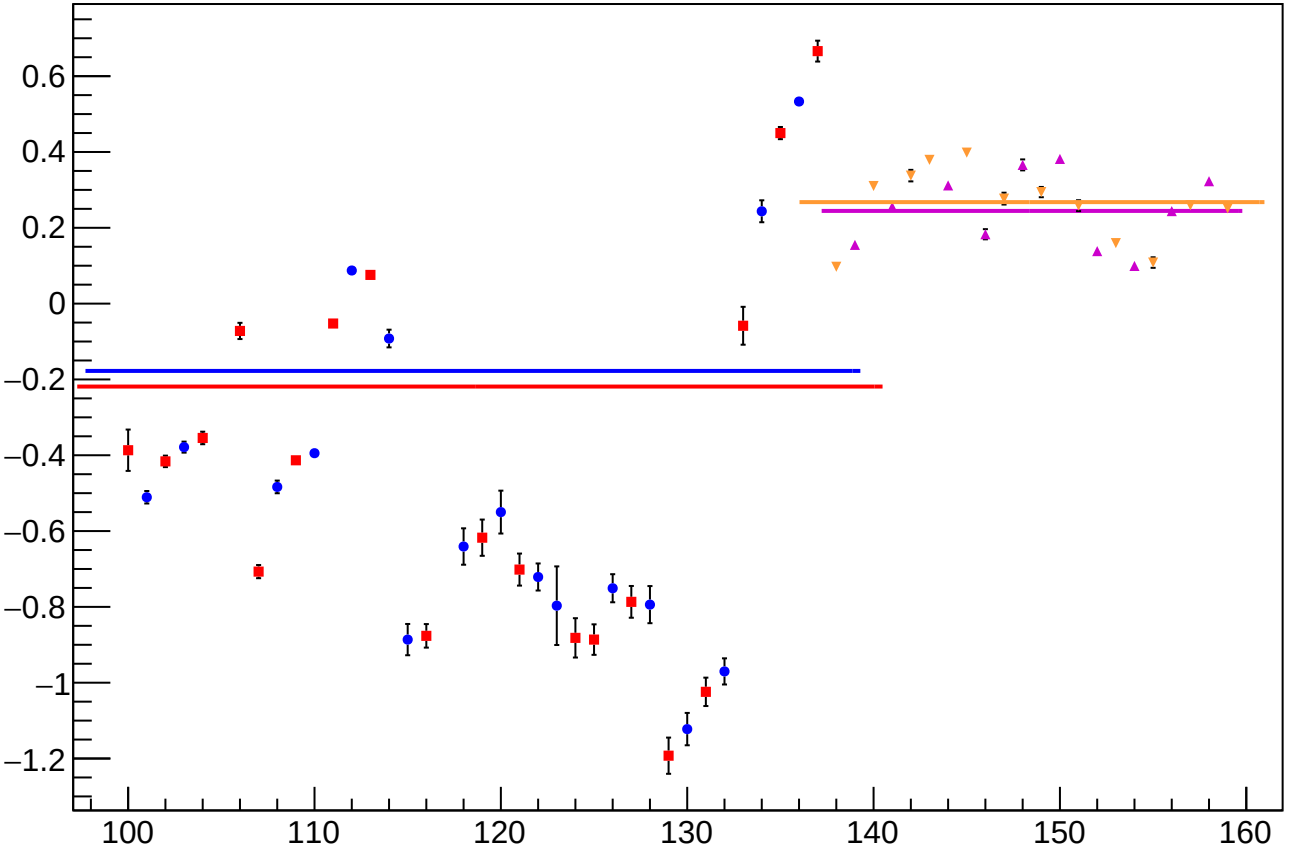
Left In: 42.030+/-0.081 χ^2/NDF:4664.9/9

+ sign 42.250+/-0.057 χ^2/NDF: 15963.8/28

All: 41.765+/-0.040 χ^2/NDF: 38530.6/57

- sign 41.270+/-0.057 χ^2/NDF: 22418.2/28

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.268+/-0.004 χ^2/NDF:706.7/11

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

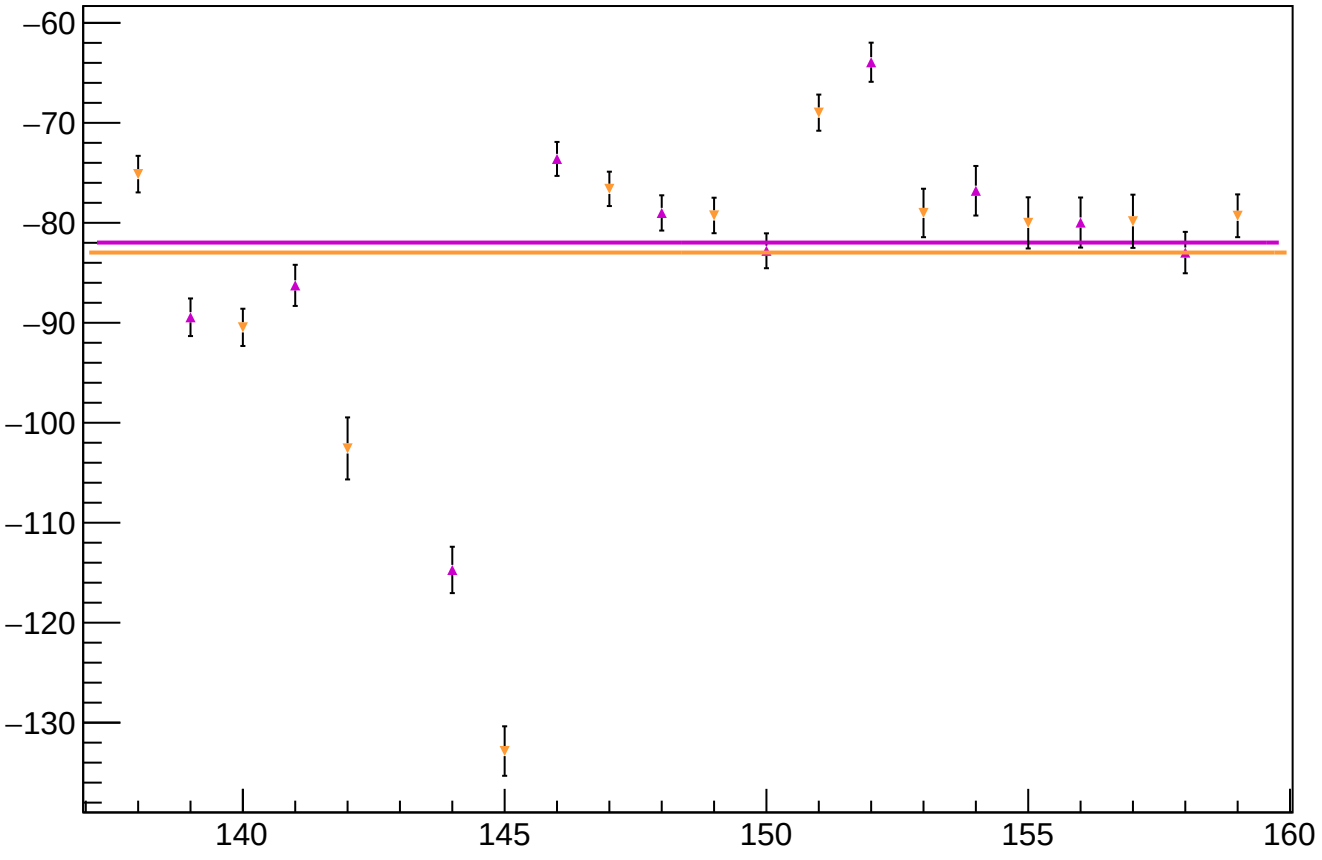
Left In: 0.245+/-0.004 χ^2/NDF:570.1/9

+ sign 0.112+/-0.003 χ^2/NDF: 13594.2/28

All: 0.076+/-0.002 χ^2/NDF: 28440.8/57

- sign 0.040+/-0.003 χ^2/NDF: 14534.2/28

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -82.973+/-0.633 χ^2/NDF:566.4/10

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

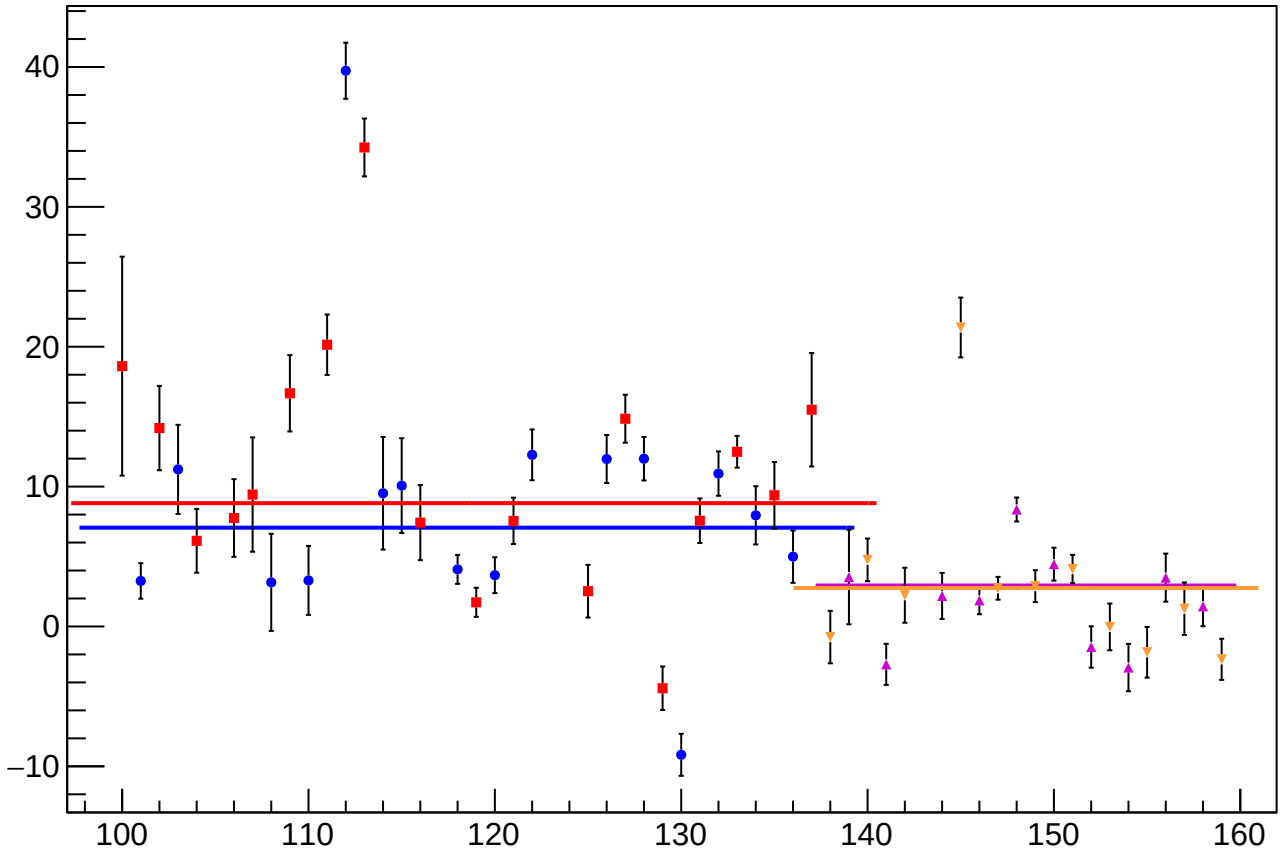
Left In: -81.975+/-0.630 χ^2/NDF:337.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -82.472+/-0.447 χ^2/NDF: 904.9/20

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.753+/-0.413 χ^2/NDF:104.7/10

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

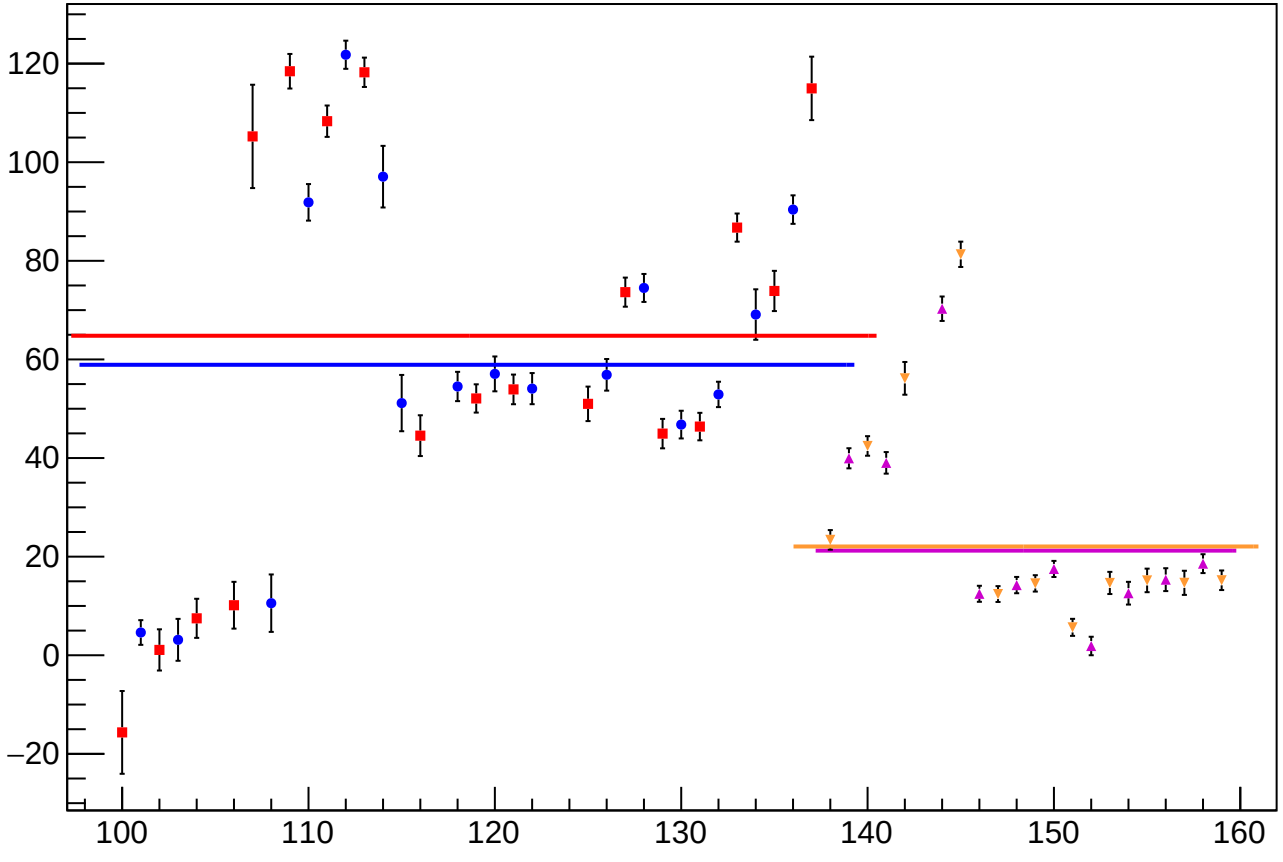
Left In: 2.928+/-0.420 χ^2/NDF:80.1/9

+ sign 4.806+/-0.299 χ^2/NDF: 603.3/26

All: 5.231+/-0.214 χ^2/NDF: 1129.6/54

- sign 5.678+/-0.307 χ^2/NDF: 522.2/27

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 22.061+/-0.617 χ^2/NDF:930.3/10

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

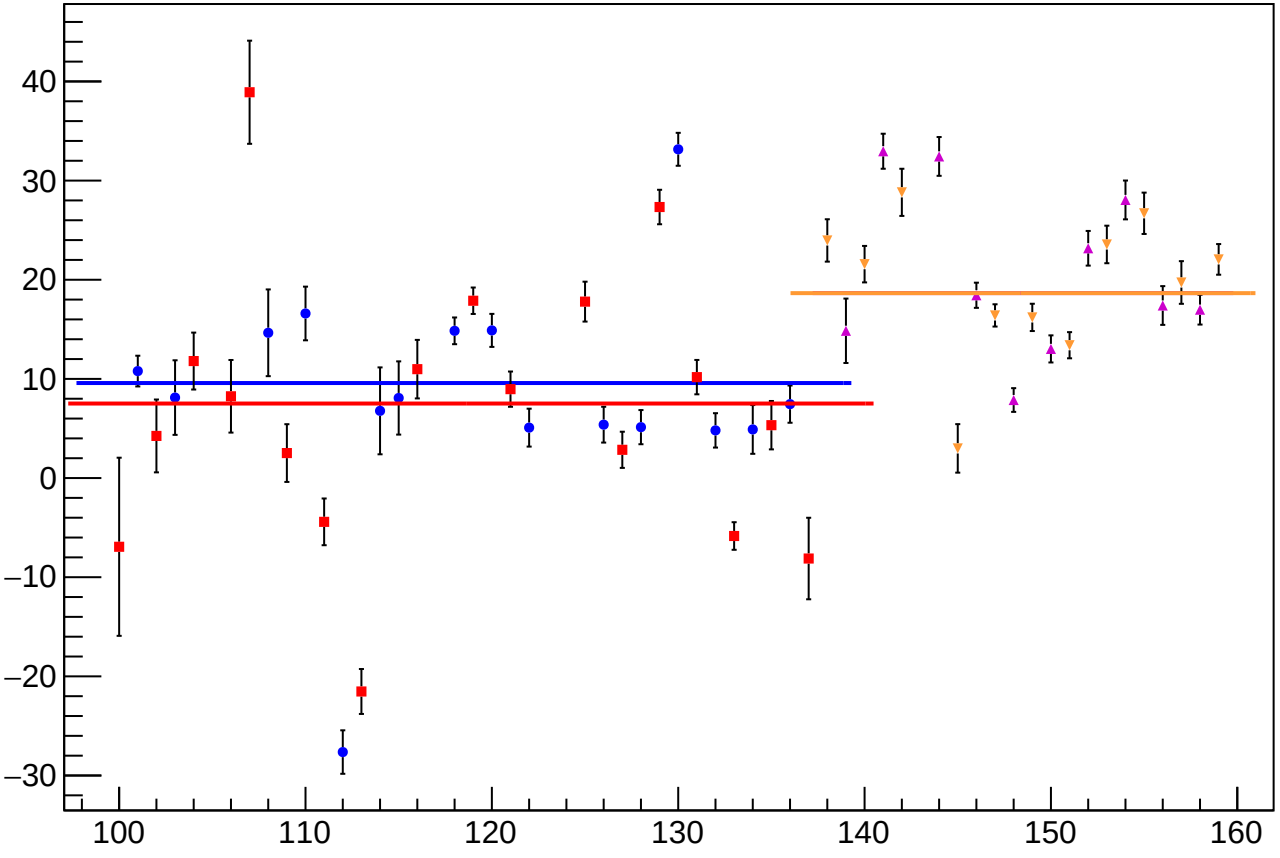
Left In: 21.222+/-0.613 χ^2/NDF:723.4/9

+ sign 35.138+/-0.495 χ^2/NDF: 3694.6/26

All: 35.743+/-0.350 χ^2/NDF: 7895.6/54

- sign 36.347+/-0.495 χ^2/NDF: 4198.1/27

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 18.649+/-0.507 χ^2/NDF:117.7/10

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

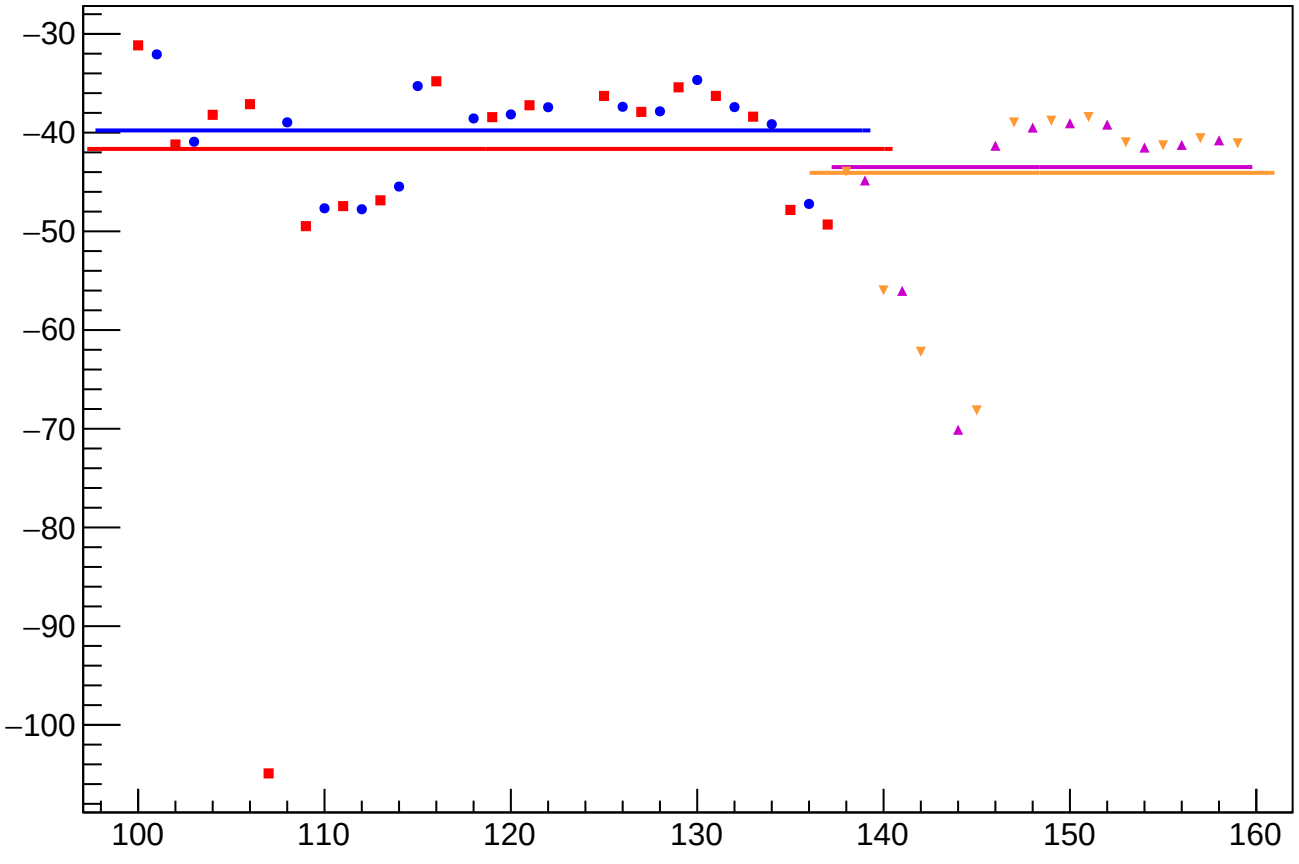
Left In: 18.656+/-0.511 χ^2/NDF:246.3/9

+ sign 14.067+/-0.356 χ^2/NDF: 834.0/26

All: 13.609+/-0.254 χ^2/NDF: 1888.8/54

- sign 13.133+/-0.363 χ^2/NDF: 1051.4/27

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -44.072+/-0.025 χ^2/NDF:115207.5/10

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

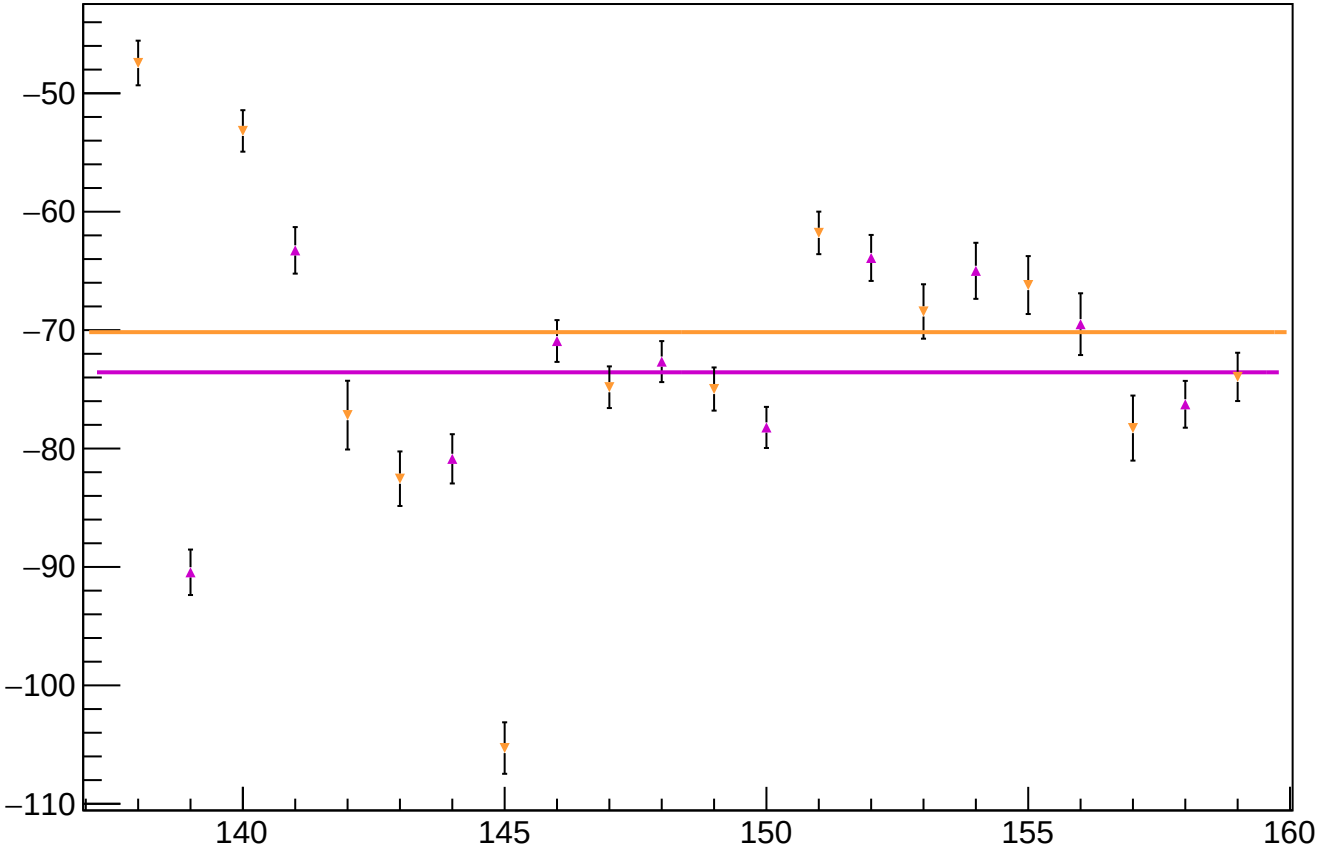
Left In: -43.488+/-0.024 χ^2/NDF:94731.5/9

+ sign -42.410+/-0.019 χ^2/NDF: 153086.8/26

All: -42.606+/-0.014 χ^2/NDF: 344641.8/54

- sign -42.797+/-0.019 χ^2/NDF: 191353.1/27

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -70.171+/-0.599 χ^2/NDF:586.3/11

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

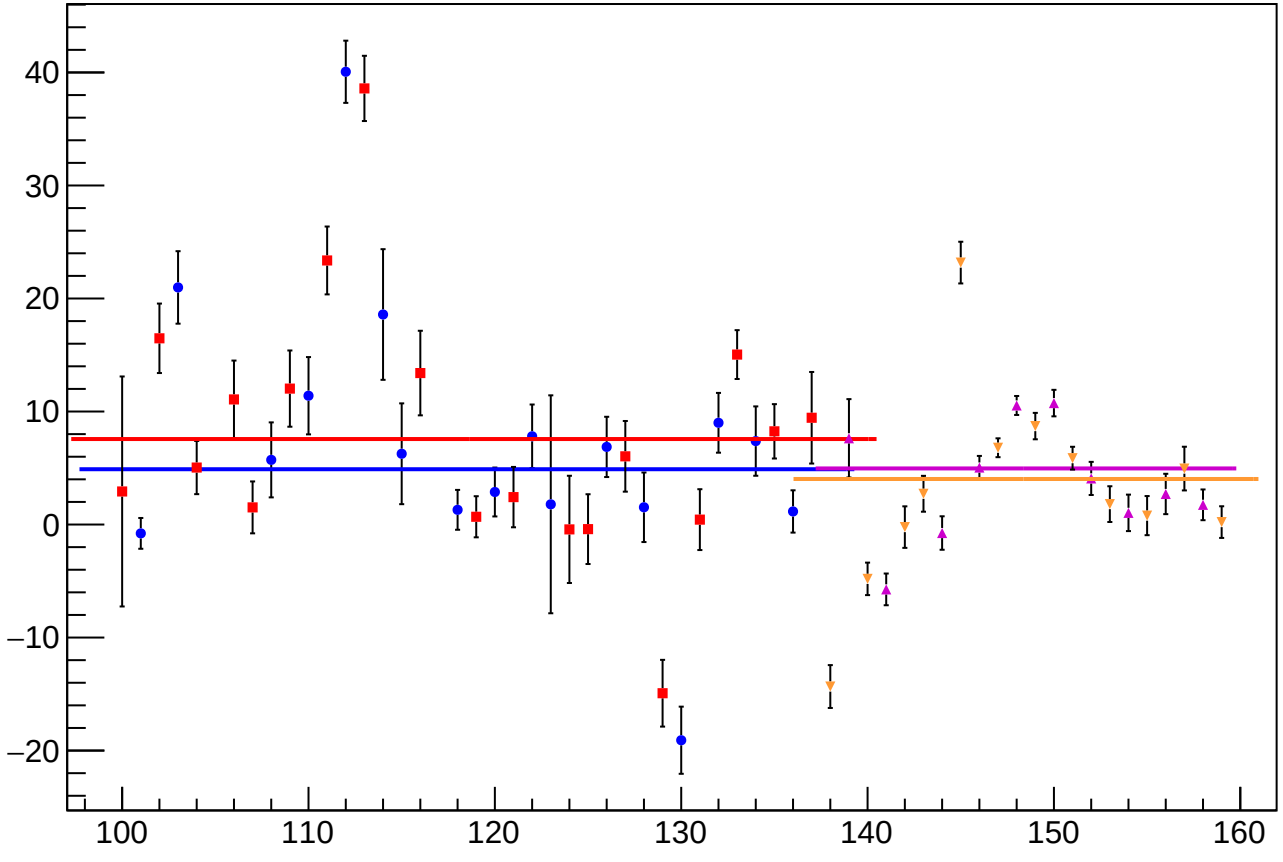
Left In: -73.563+/-0.621 χ^2/NDF:169.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -71.806+/-0.431 χ^2/NDF: 770.7/21

- 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: 4.030+/-0.395 χ^2/NDF:288.9/11

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

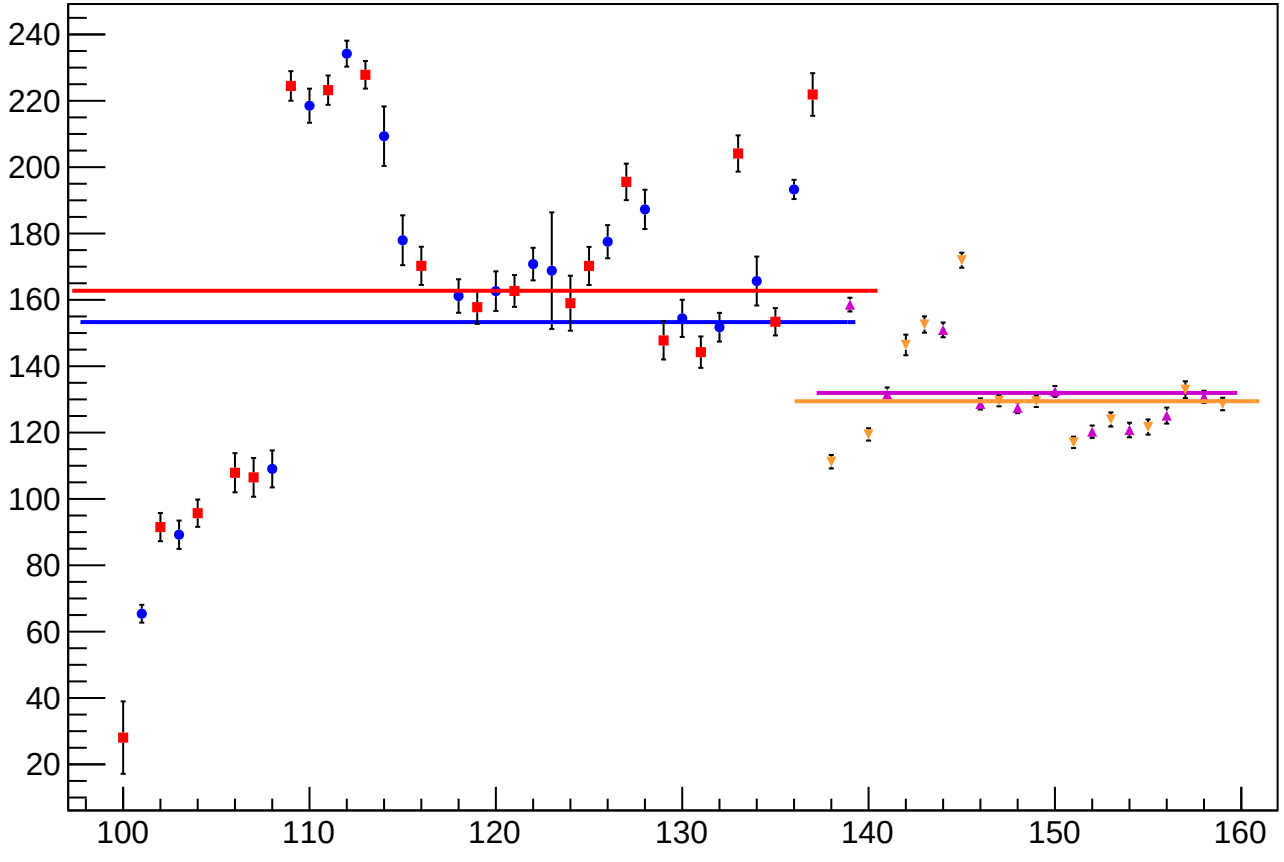
Left In: 4.963+/-0.414 χ^2/NDF:155.5/9

+ sign 4.279+/-0.333 χ^2/NDF: 585.6/28

All: 4.961+/-0.241 χ^2/NDF: 1031.5/57

- sign 5.710+/-0.349 χ^2/NDF: 437.1/28

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 129.452+/-0.588 χ^2/NDF:650.0/11

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

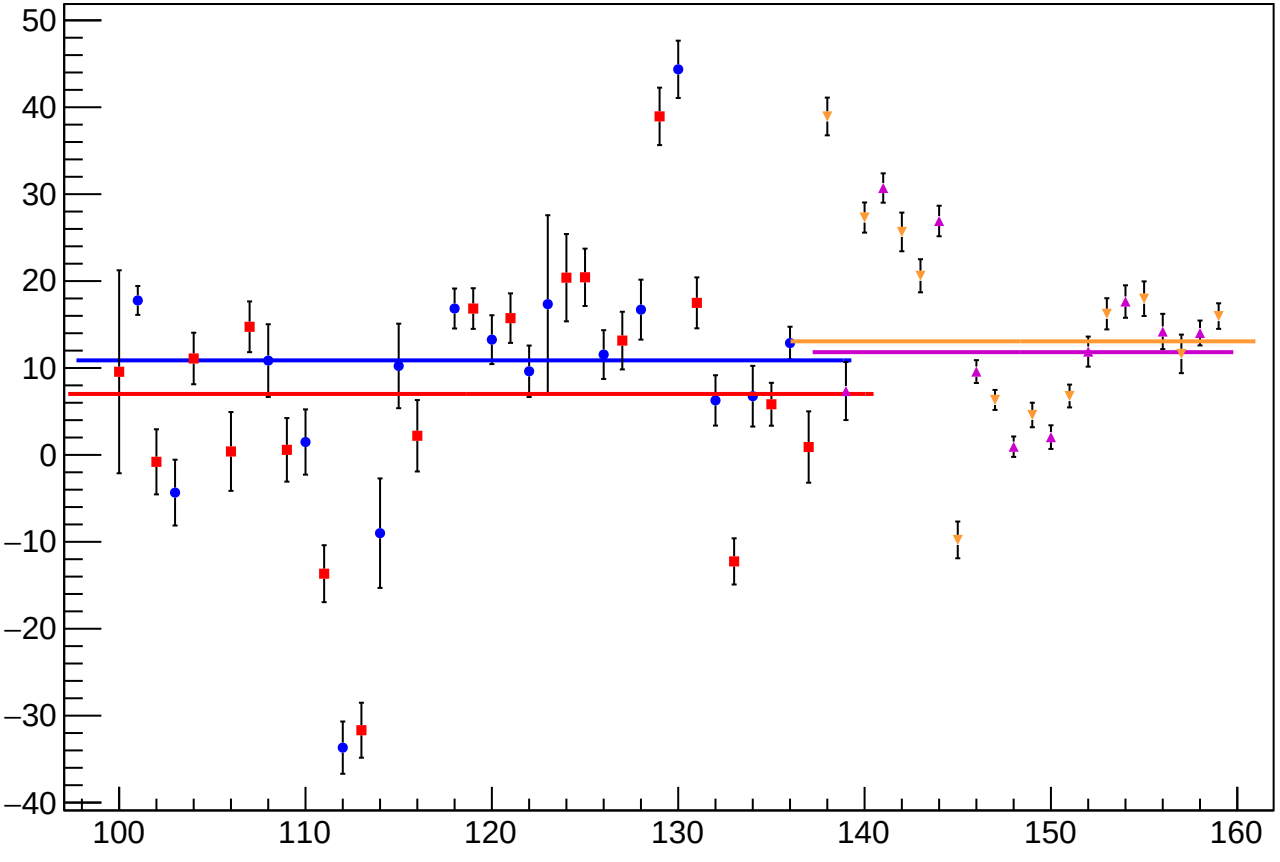
Left In: 131.947+/-0.604 χ^2/NDF:322.2/9

+ sign 134.430+/-0.523 χ^2/NDF: 3260.1/28

All: 136.347+/-0.375 χ^2/NDF: 5860.9/57

- sign 138.372+/-0.537 χ^2/NDF: 2573.2/28

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 13.068+/-0.482 χ^2/NDF:481.0/11

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

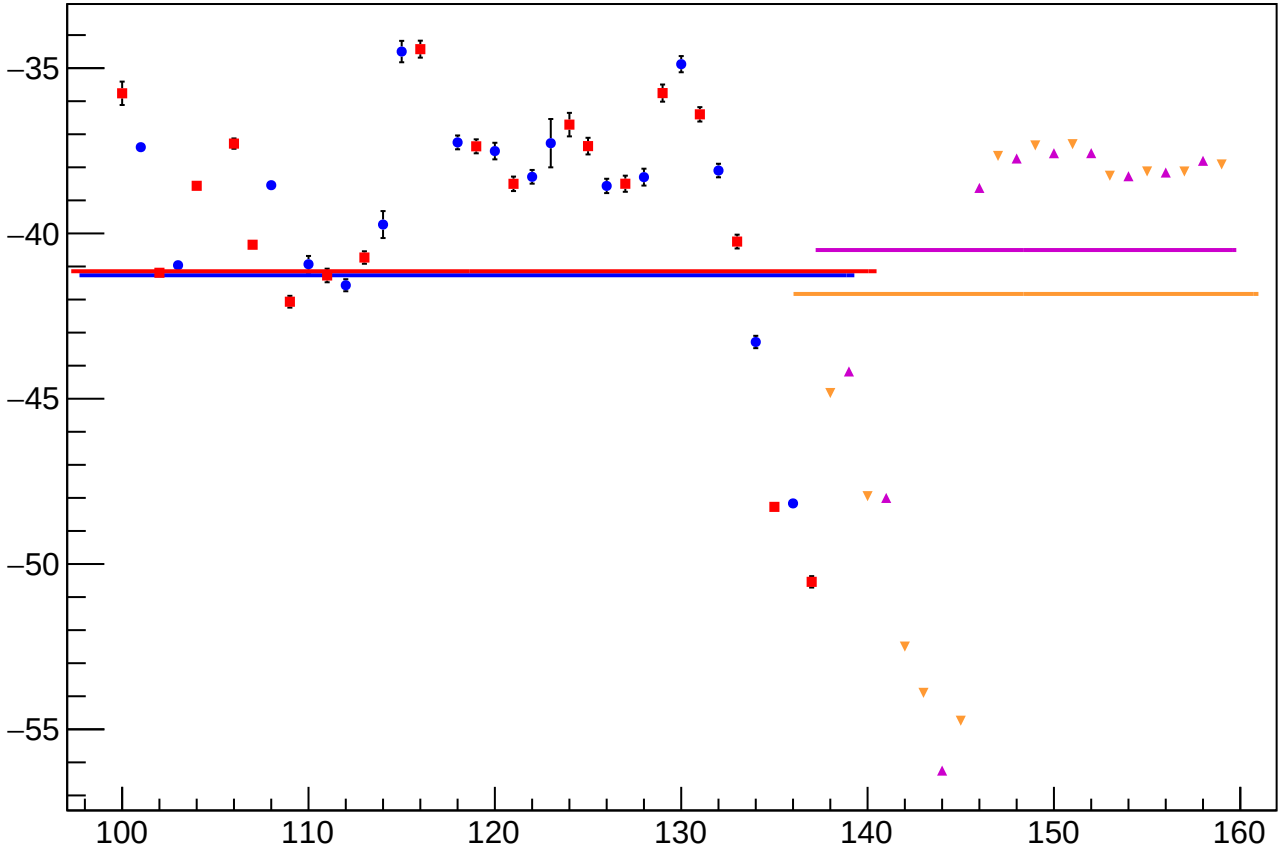
Left In: 11.821+/-0.503 χ^2/NDF:354.6/9

+ sign 12.383+/-0.399 χ^2/NDF: 875.6/28

All: 11.400+/-0.288 χ^2/NDF: 1695.9/57

- sign 10.326+/-0.417 χ^2/NDF: 807.6/28

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -41.830+/-0.023 χ^2/NDF:69929.4/11

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

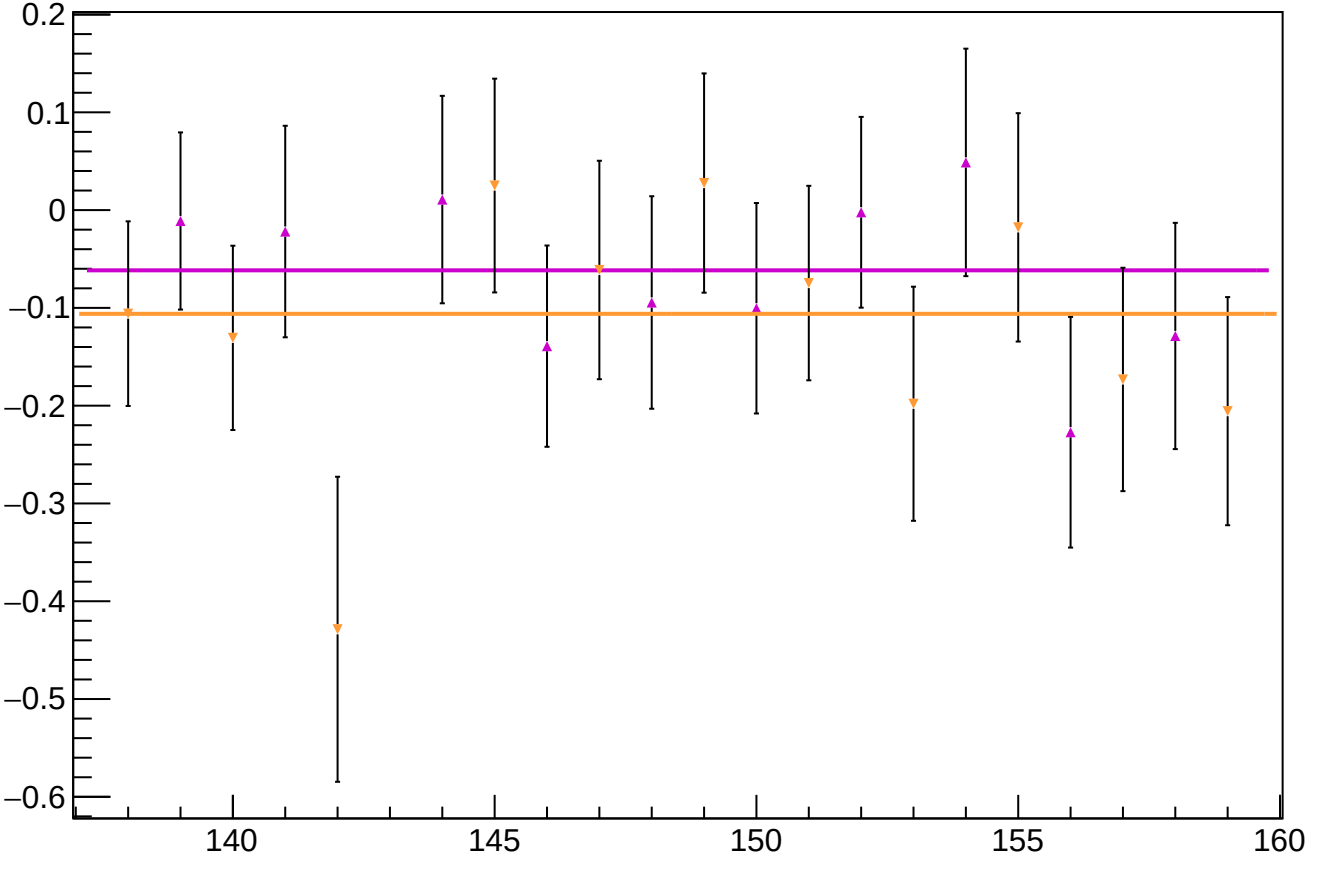
Left In: -40.502+/-0.024 χ^2/NDF:45447.8/9

+ sign -41.677+/-0.020 χ^2/NDF: 82656.5/28

All: -41.185+/-0.014 χ^2/NDF: 141742.5/57

- sign -40.680+/-0.020 χ^2/NDF: 57866.0/28

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.106+/-0.033 χ^2/NDF:9.7/10

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

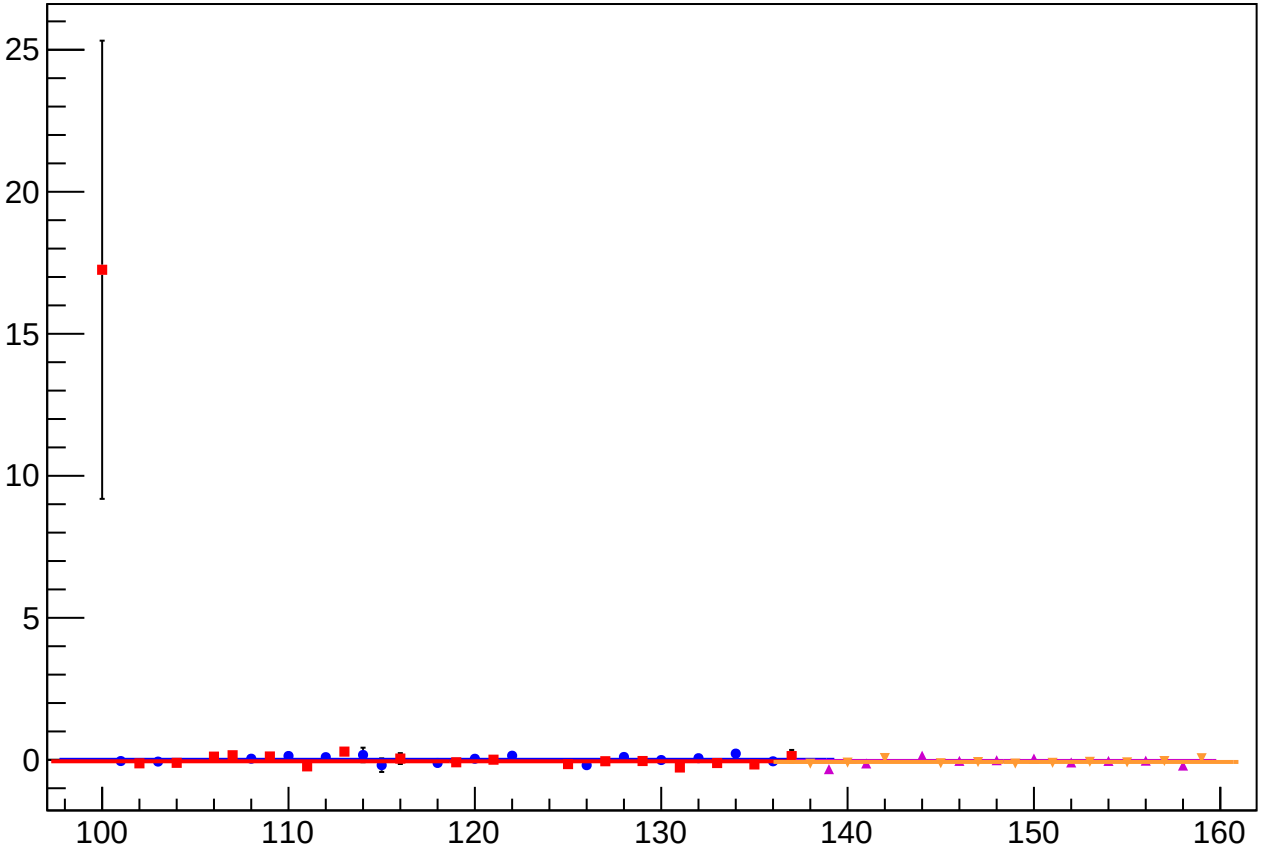
Left In: -0.062+/-0.034 χ^2/NDF:5.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.084+/-0.024 χ^2/NDF: 15.9/20

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.074+/-0.023 χ^2/NDF:6.4/10

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

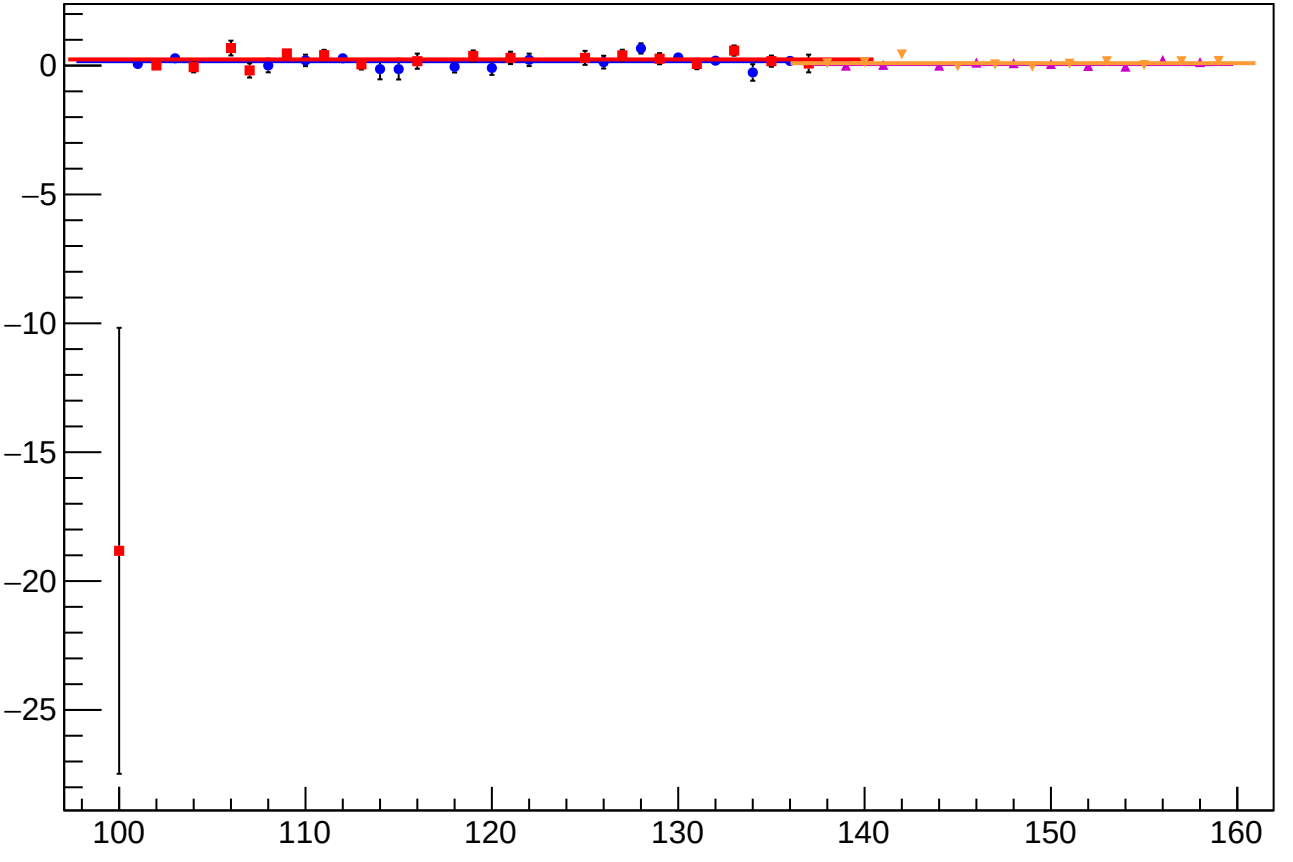
Left In: -0.039+/-0.023 χ^2/NDF:16.4/9

+ sign -0.044+/-0.018 χ^2/NDF: 23.3/26

All: -0.044+/-0.013 χ^2/NDF: 65.6/54

- sign -0.044+/-0.018 χ^2/NDF: 42.3/27

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.093+/-0.033 χ^2/NDF:9.4/10

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

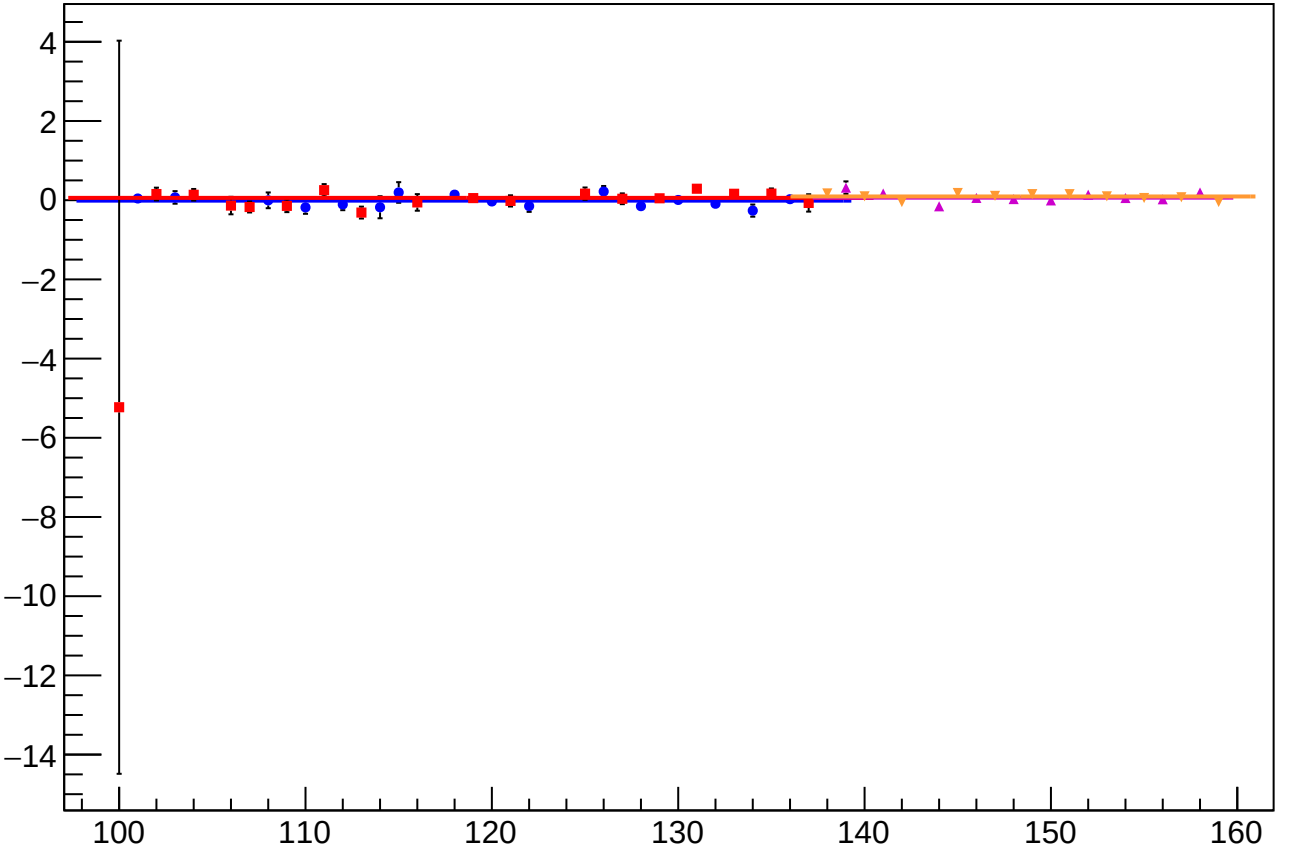
Left In: 0.058+/-0.033 χ^2/NDF:5.2/9

+ sign 0.115+/-0.028 χ^2/NDF: 24.7/26

All: 0.111+/-0.020 χ^2/NDF: 59.9/54

- sign 0.107+/-0.028 χ^2/NDF: 35.2/27

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.094+/-0.027 χ^2/NDF:6.6/10

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

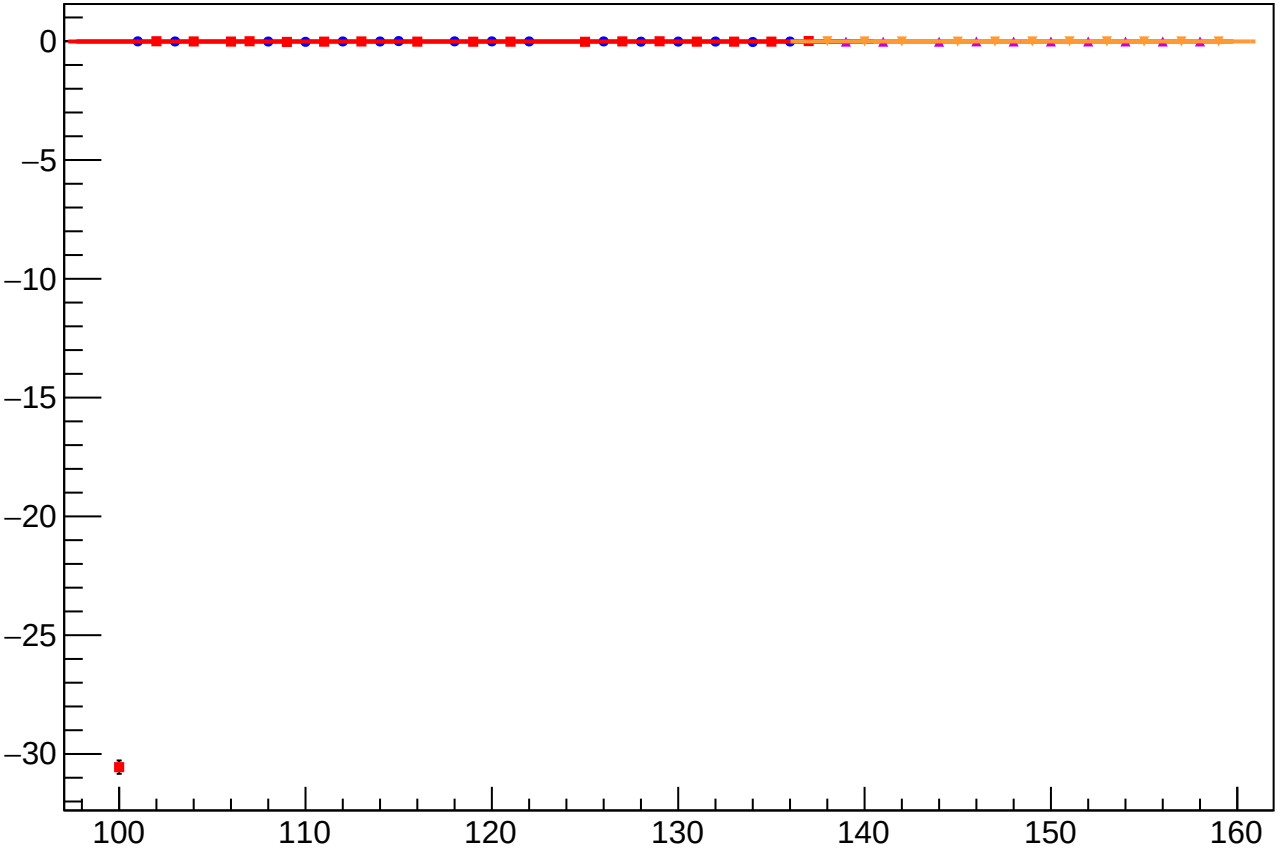
Left In: 0.064+/-0.028 χ^2/NDF:14.0/9

+ sign 0.051+/-0.021 χ^2/NDF: 26.5/26

All: 0.056+/-0.015 χ^2/NDF: 61.3/54

- sign 0.062+/-0.022 χ^2/NDF: 34.6/27

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.009+/-0.001 χ^2/NDF:8.2/10

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

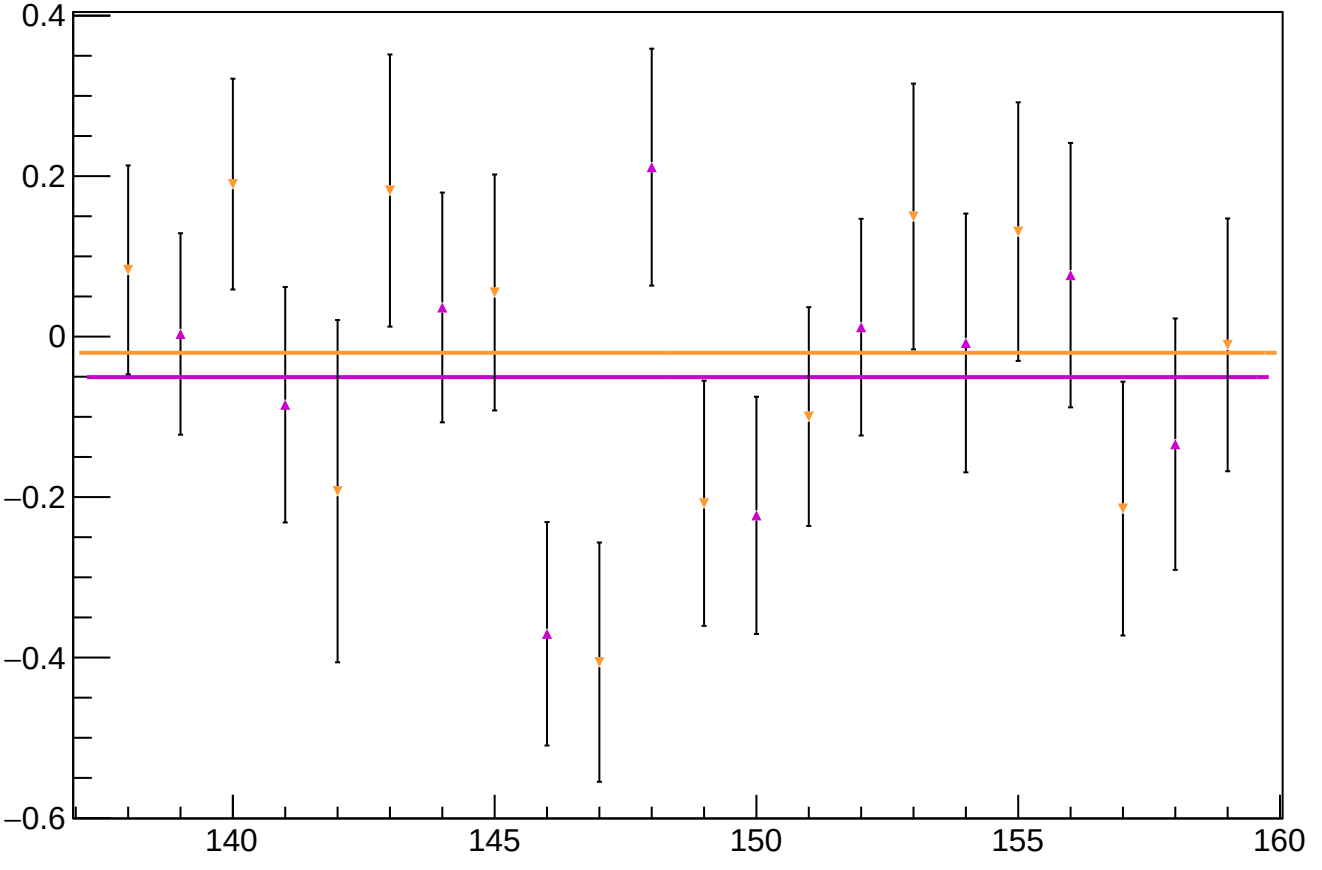
Left In: -0.011+/-0.001 χ^2/NDF:9.6/9

+ sign -0.010+/-0.001 χ^2/NDF: 23.0/26

All: -0.011+/-0.001 χ^2/NDF: 11925.6/54

- sign -0.012+/-0.001 χ^2/NDF: 11901.3/27

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.020+/-0.044 χ^2/NDF:17.5/11

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

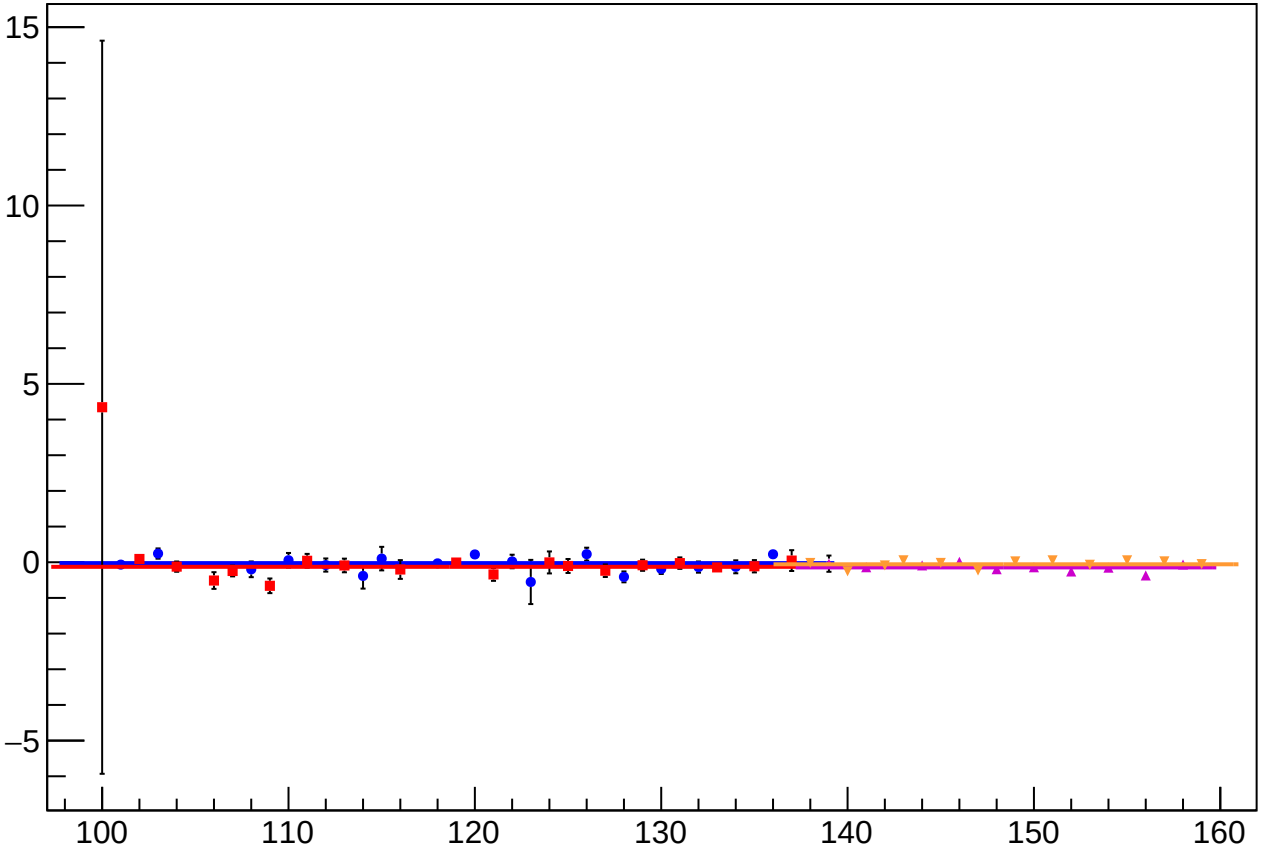
Left In: -0.050+/-0.046 χ^2/NDF:11.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.035+/-0.032 χ^2/NDF: 29.3/21

- sign 0.000+/-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: -0.057+/-0.030 χ^2/NDF:14.7/11

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

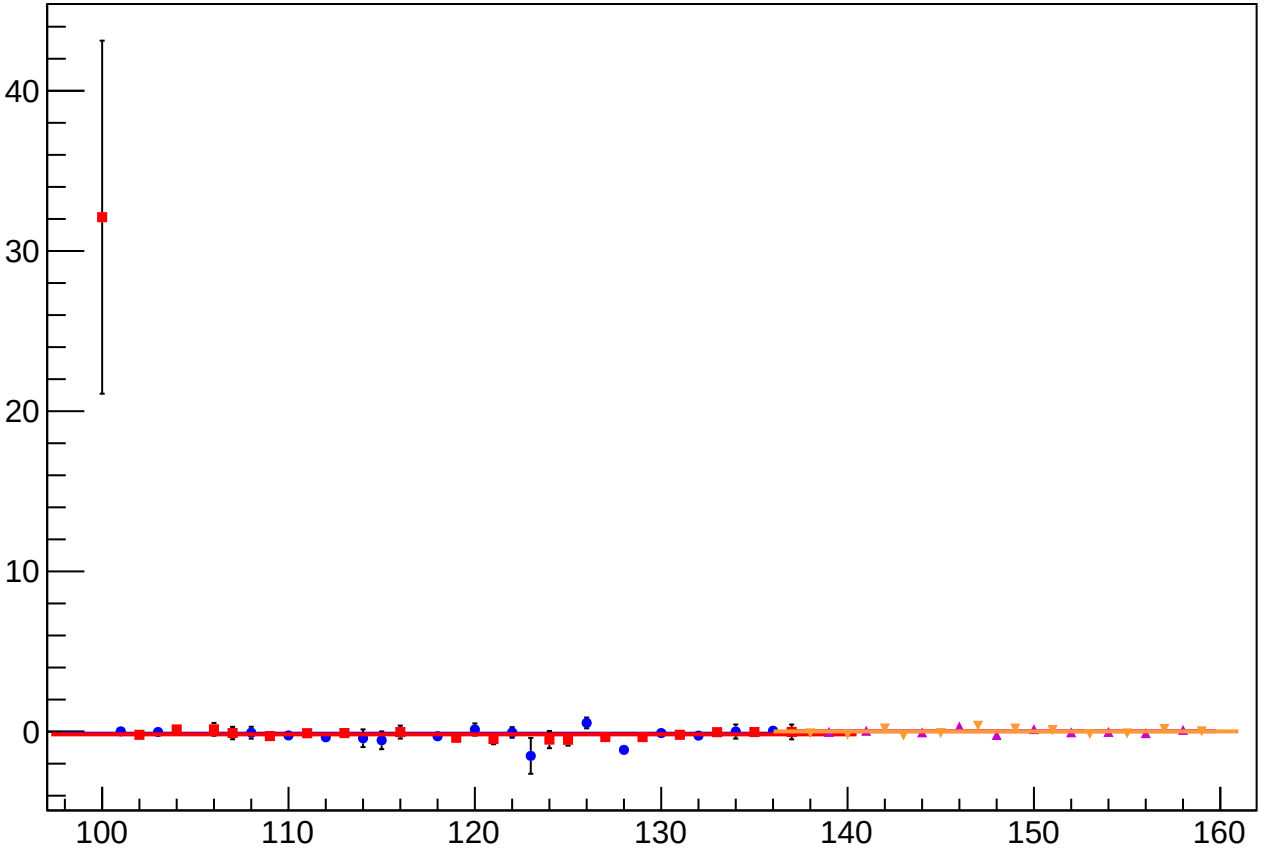
Left In: -0.145+/-0.032 χ^2/NDF:10.4/9

+ sign -0.044+/-0.023 χ^2/NDF: 38.6/28

All: -0.088+/-0.017 χ^2/NDF: 74.4/57

- sign -0.138+/-0.025 χ^2/NDF: 28.1/28

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.013+/-0.043 χ^2/NDF:17.2/11

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

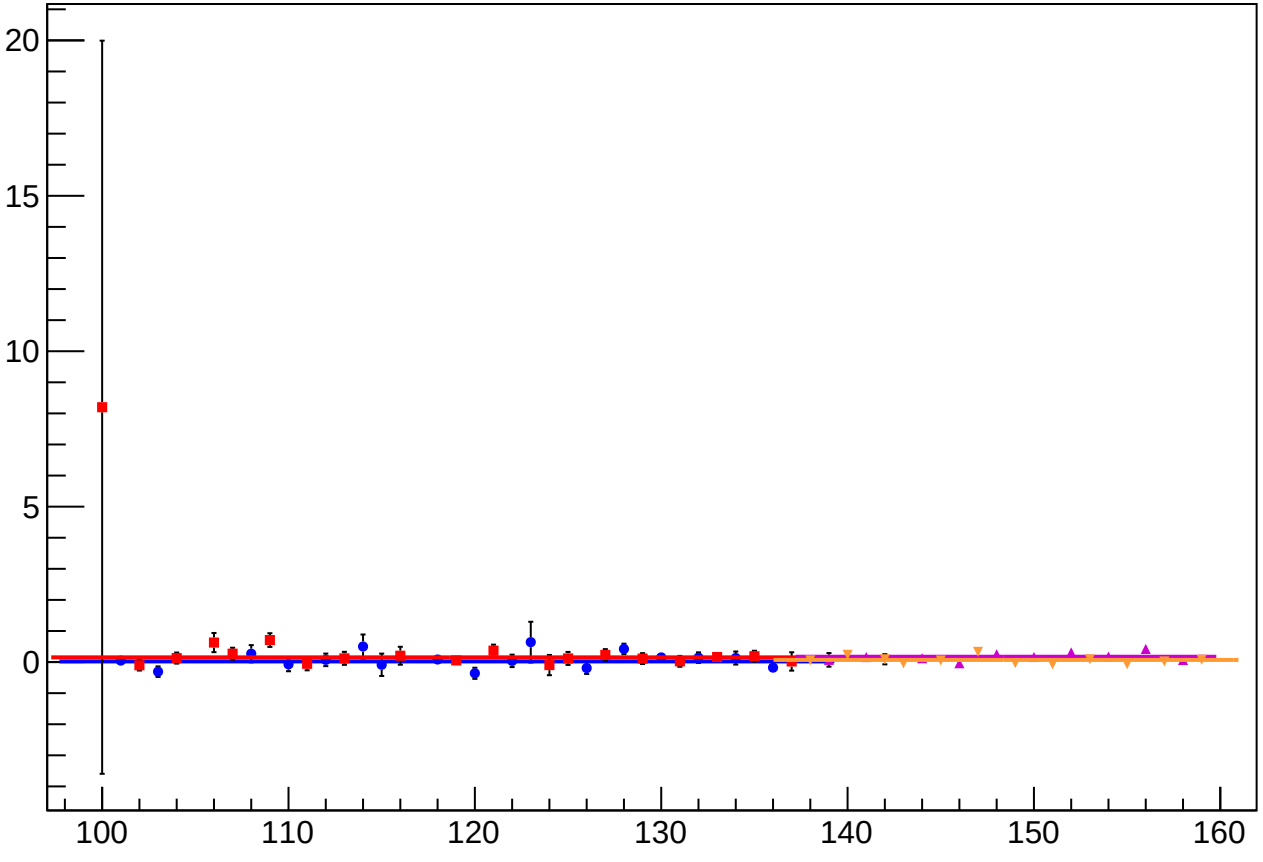
Left In: 0.027+/-0.045 χ^2/NDF:10.4/9

+ sign -0.029+/-0.036 χ^2/NDF: 44.1/28

All: -0.029+/-0.026 χ^2/NDF: 75.1/57

- sign -0.030+/-0.038 χ^2/NDF: 31.0/28

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.070+/-0.036 χ^2/NDF:13.3/11

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

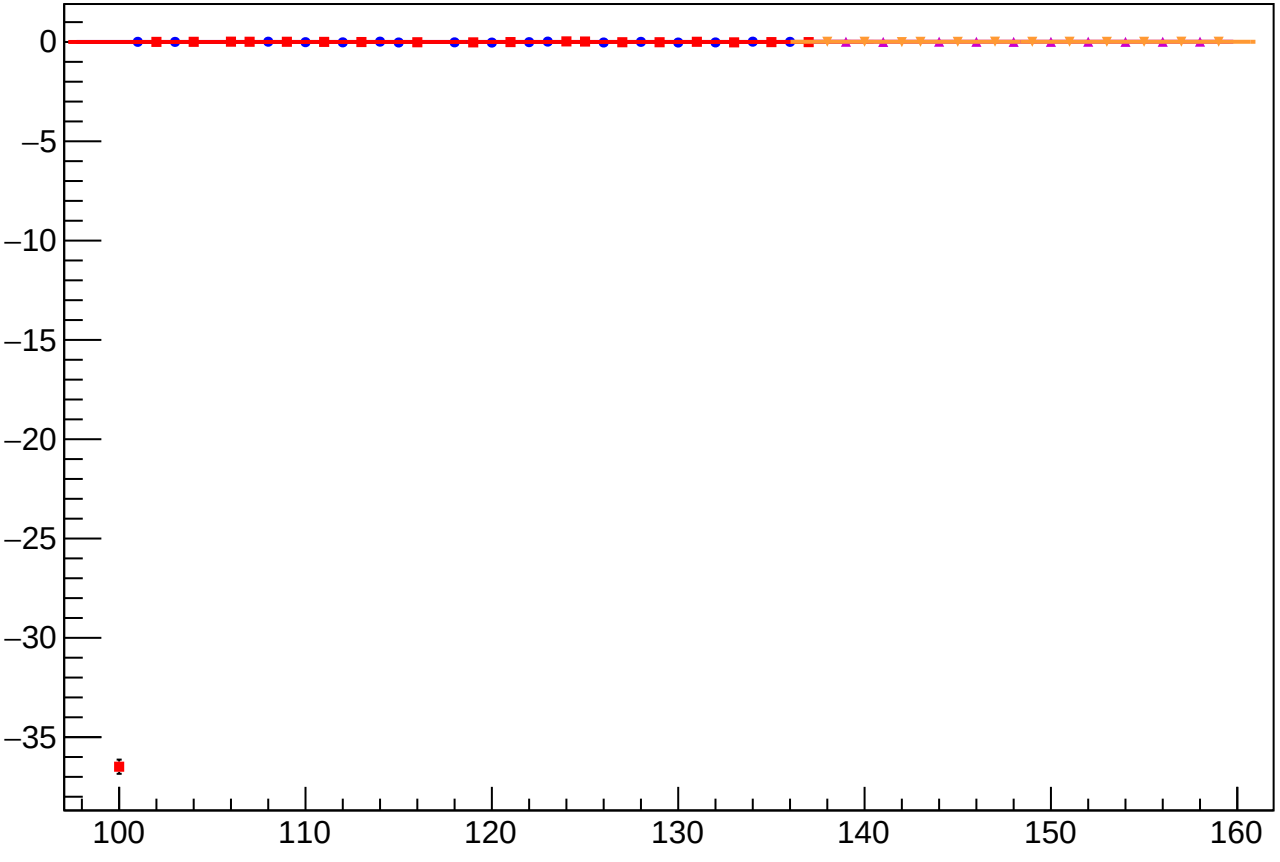
Left In: 0.172+/-0.038 χ^2/NDF:10.9/9

+ sign 0.049+/-0.027 χ^2/NDF: 36.5/28

All: 0.103+/-0.020 χ^2/NDF: 71.9/57

- sign 0.163+/-0.029 χ^2/NDF: 27.3/28

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.011+/-0.002 χ^2/NDF:5.5/11

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

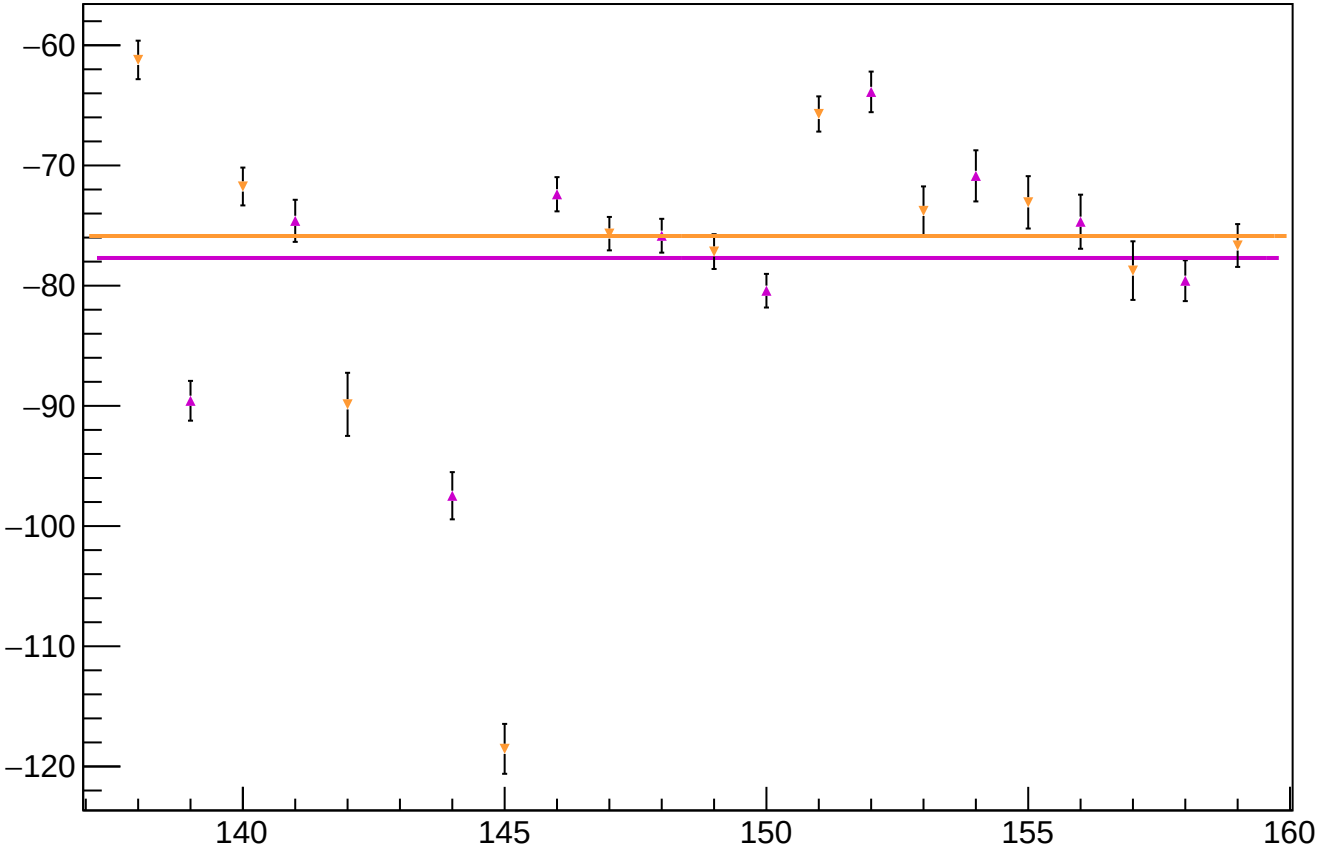
Left In: 0.011+/-0.002 χ^2/NDF:4.8/9

+ sign 0.007+/-0.001 χ^2/NDF: 49.8/28

All: 0.007+/-0.001 χ^2/NDF: 10516.8/57

- sign 0.007+/-0.001 χ^2/NDF: 10467.0/28

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.868+/-0.530 χ^2/NDF:594.6/10

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

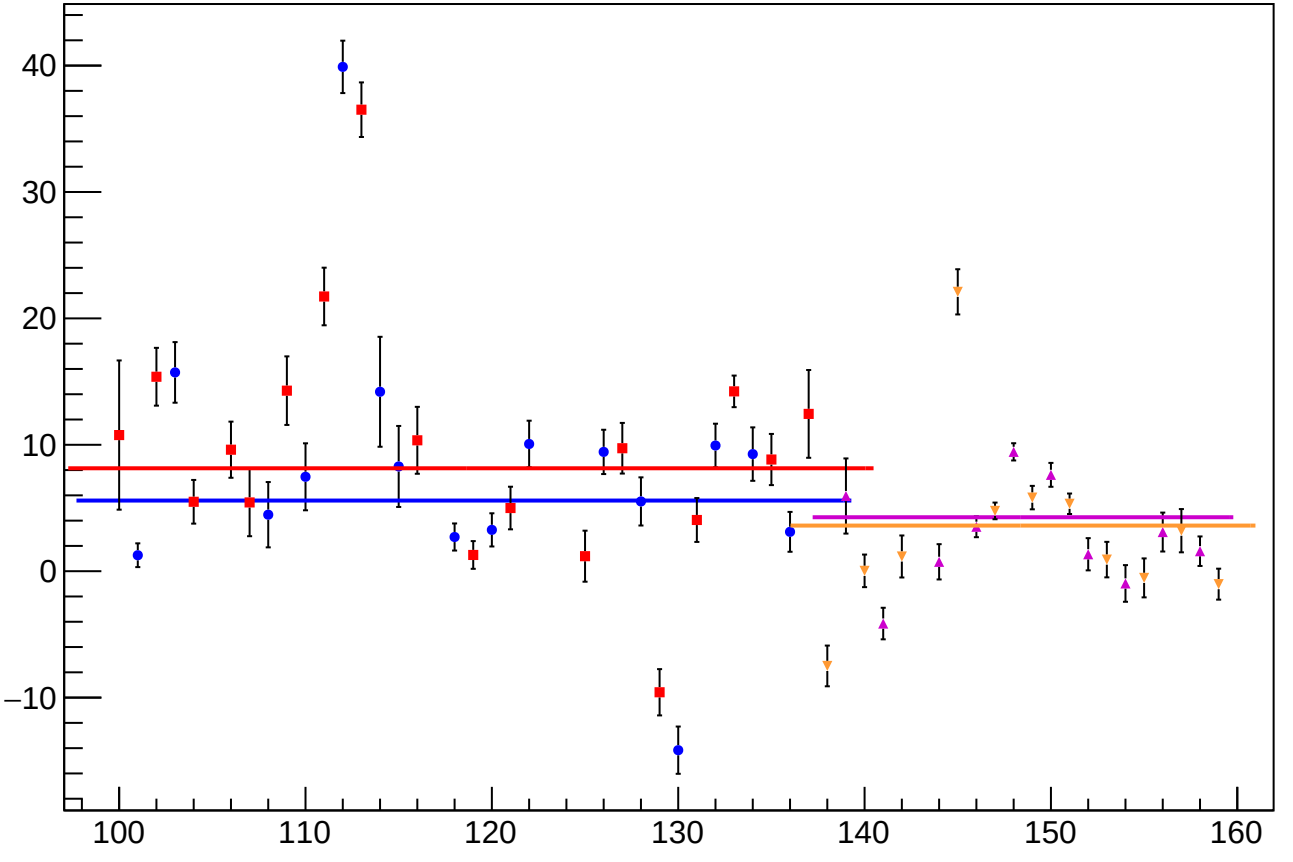
Left In: -77.697+/-0.529 χ^2/NDF:255.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -76.784+/-0.374 χ^2/NDF: 856.4/20

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 3.609+/-0.341 χ^2/NDF:202.9/10

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

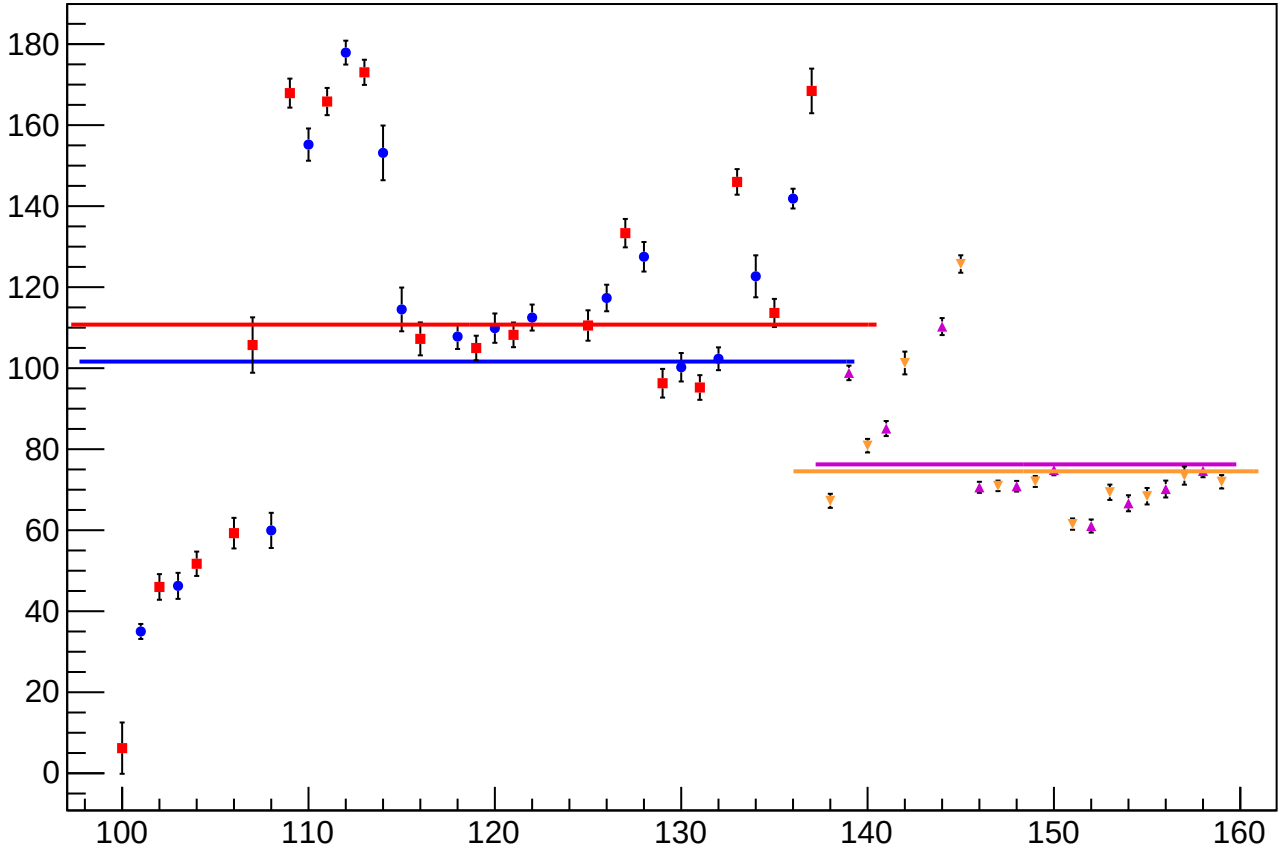
Left In: 4.269+/-0.348 χ^2/NDF:147.3/9

+ sign 4.389+/-0.266 χ^2/NDF: 678.9/26

All: 5.021+/-0.191 χ^2/NDF: 1291.6/54

- sign 5.704+/-0.276 χ^2/NDF: 600.9/27

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 74.539+/-0.515 χ^2/NDF:803.9/10

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

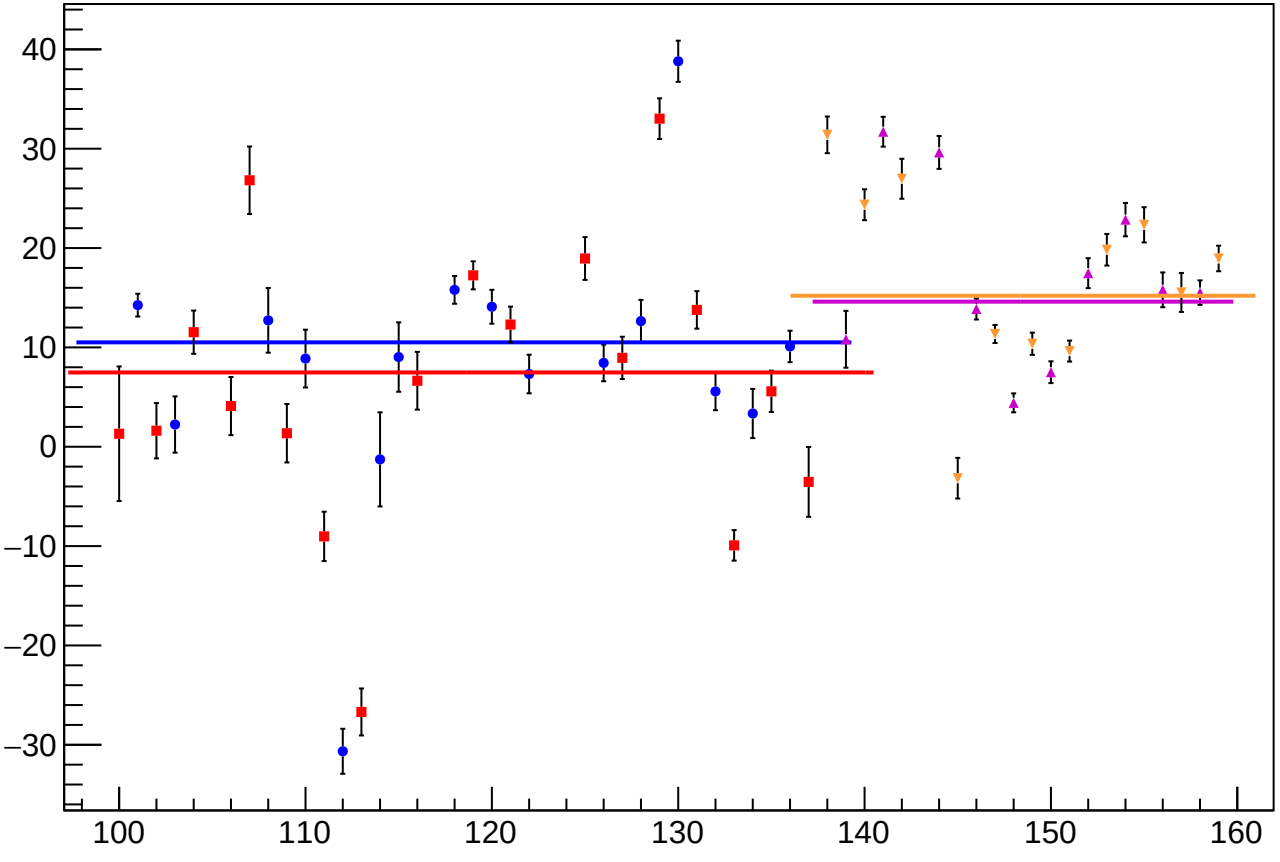
Left In: 76.252+/-0.513 χ^2/NDF:600.6/9

+ sign 82.385+/-0.434 χ^2/NDF: 4583.5/26

All: 84.023+/-0.308 χ^2/NDF: 8962.9/54

- sign 85.684+/-0.437 χ^2/NDF: 4350.8/27

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 15.200+/-0.420 χ^2/NDF:324.1/10

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

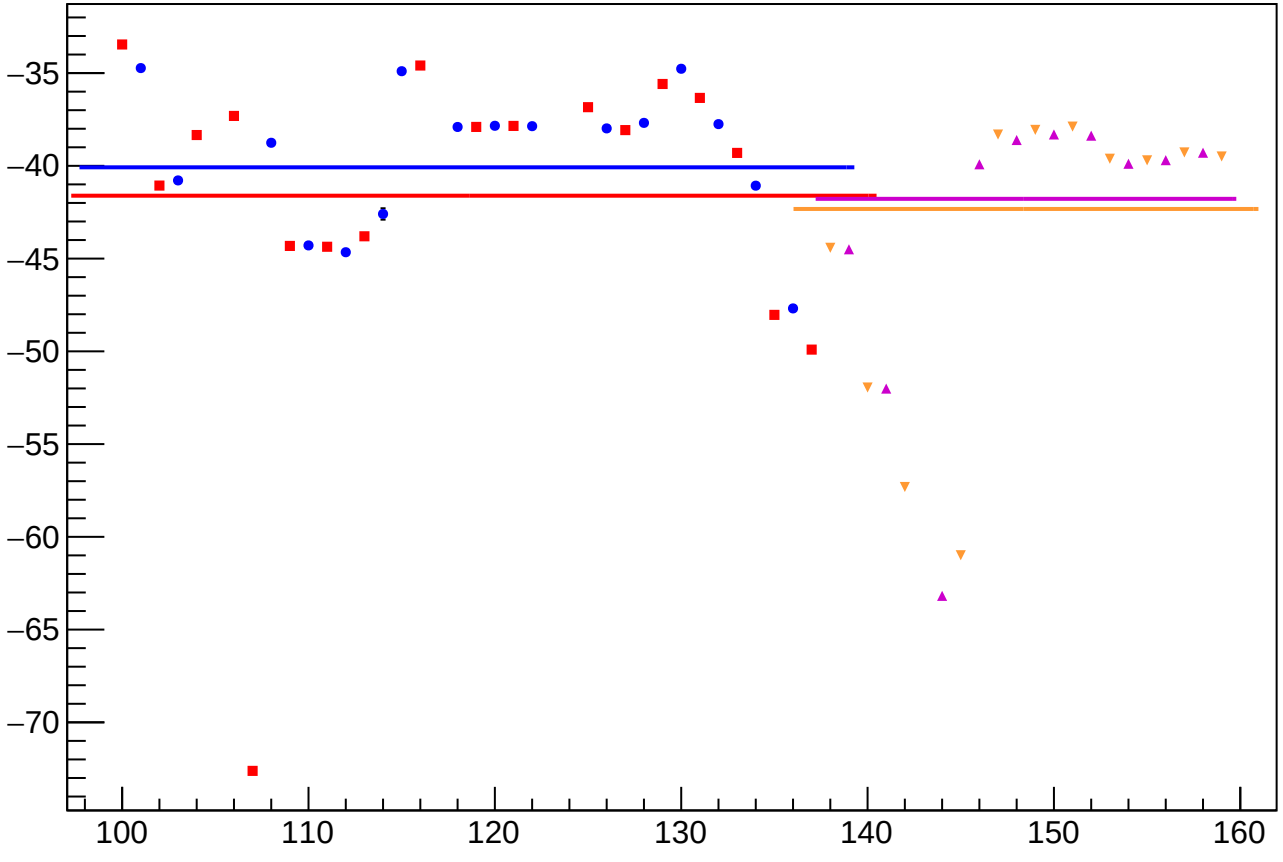
Left In: 14.604+/-0.425 χ^2/NDF:399.0/9

+ sign 13.223+/-0.319 χ^2/NDF: 958.2/26

All: 12.524+/-0.230 χ^2/NDF: 2168.1/54

- sign 11.777+/-0.330 χ^2/NDF: 1199.9/27

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -42.324+/-0.021 χ^2/NDF:105460.2/10

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

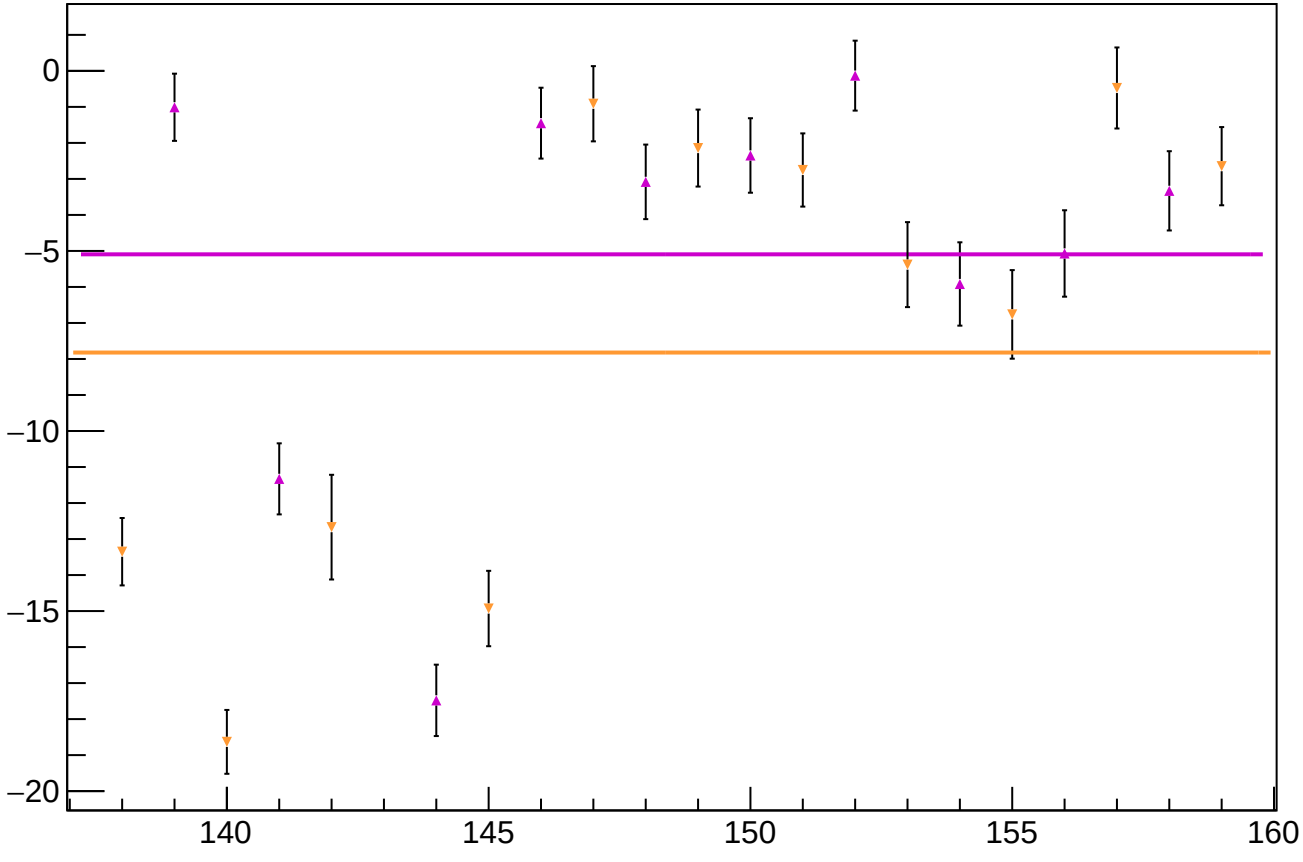
Left In: -41.779+/-0.020 χ^2/NDF:88601.9/9

+ sign -41.536+/-0.017 χ^2/NDF: 134695.3/26

All: -41.629+/-0.012 χ^2/NDF: 285167.3/54

- sign -41.722+/-0.017 χ^2/NDF: 150409.7/27

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -7.821+/-0.323 χ^2/NDF:408.0/10

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

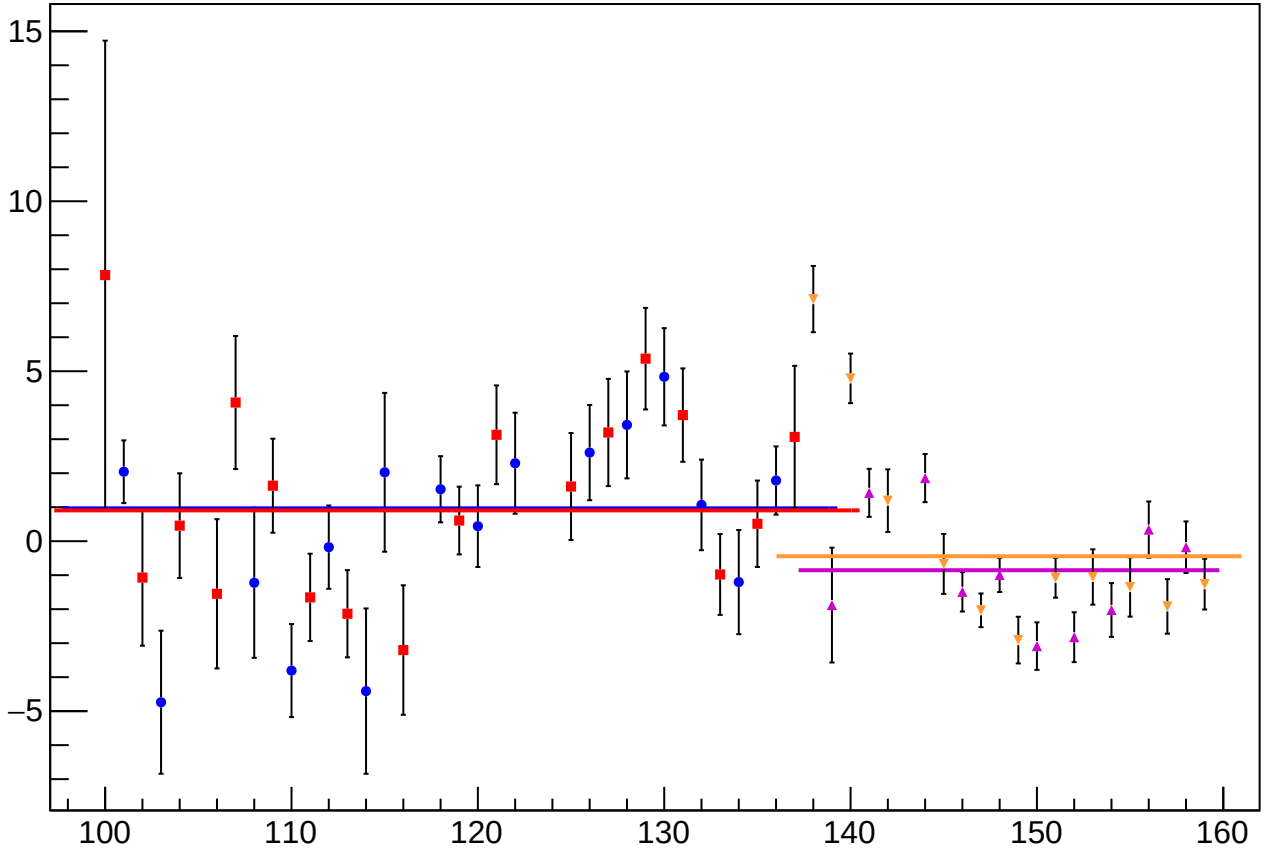
Left In: -5.094+/-0.326 χ^2/NDF:269.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.469+/-0.229 χ^2/NDF: 712.3/20

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: -0.442+/-0.220 χ^2/NDF:145.6/10

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

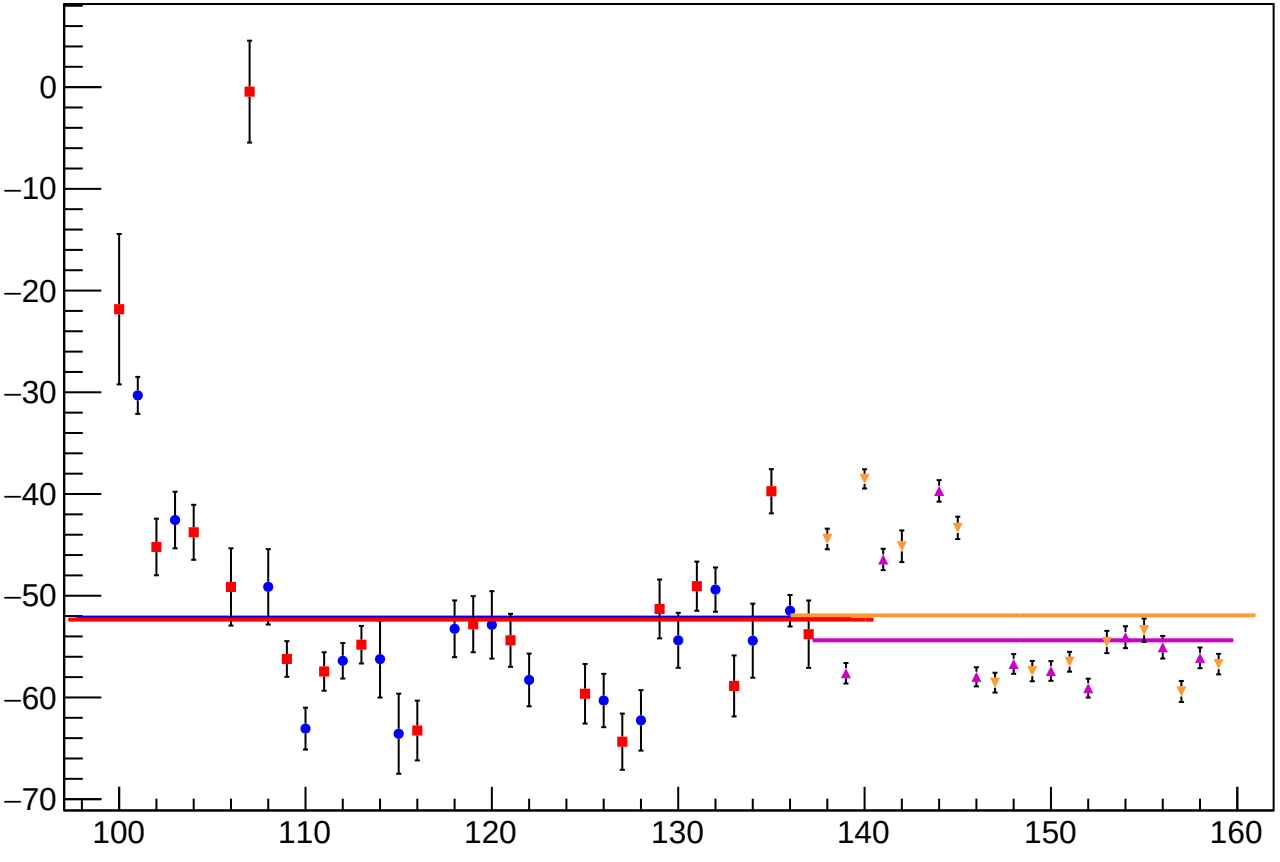
Left In: -0.854+/-0.224 χ^2/NDF:49.2/9

+ sign -0.024+/-0.184 χ^2/NDF: 200.8/26

All: -0.183+/-0.132 χ^2/NDF: 311.1/54

- sign -0.351+/-0.189 χ^2/NDF: 108.8/27

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -51.926+/-0.317 χ^2/NDF:517.1/10

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

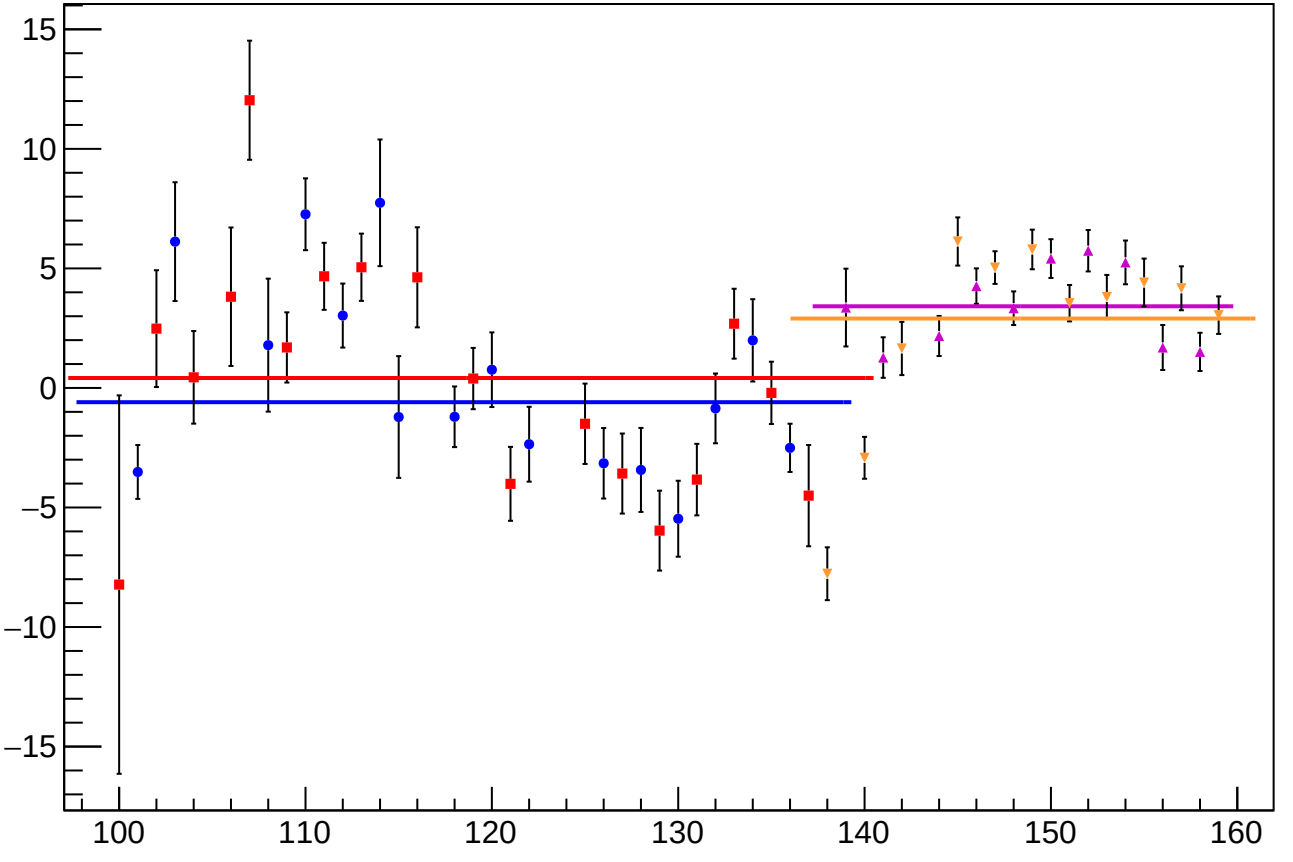
Left In: -54.383+/-0.319 χ^2/NDF:318.5/9

+ sign -51.973+/-0.281 χ^2/NDF: 747.4/26

All: -52.957+/-0.200 χ^2/NDF: 1334.9/54

- sign -53.952+/-0.283 χ^2/NDF: 562.9/27

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 2.904+/-0.265 χ^2/NDF:176.7/10

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

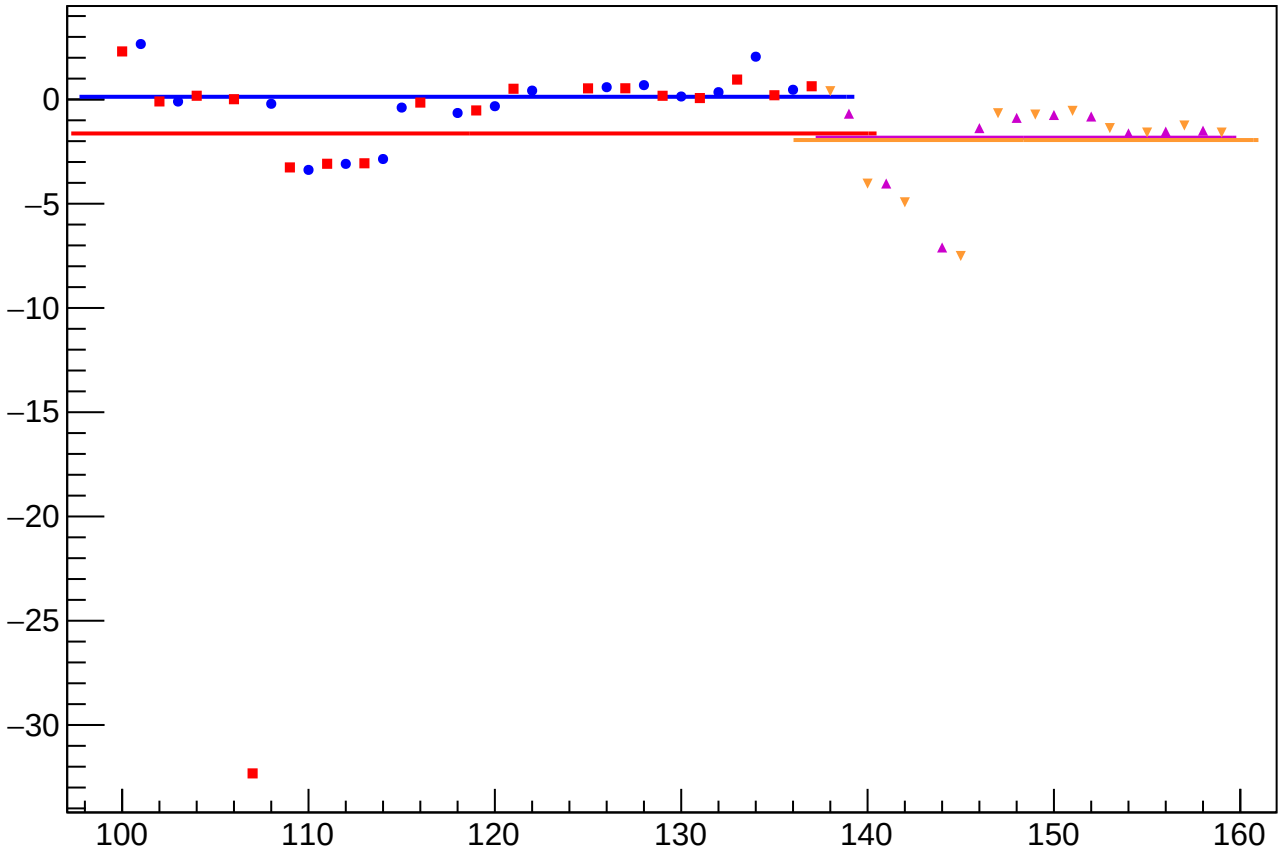
Left In: 3.415+/-0.269 χ^2/NDF:36.2/9

+ sign 1.773+/-0.218 χ^2/NDF: 315.6/26

All: 2.117+/-0.156 χ^2/NDF: 491.5/54

- sign 2.479+/-0.223 χ^2/NDF: 170.7/27

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -1.946+/-0.012 χ^2/NDF:28421.6/10

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

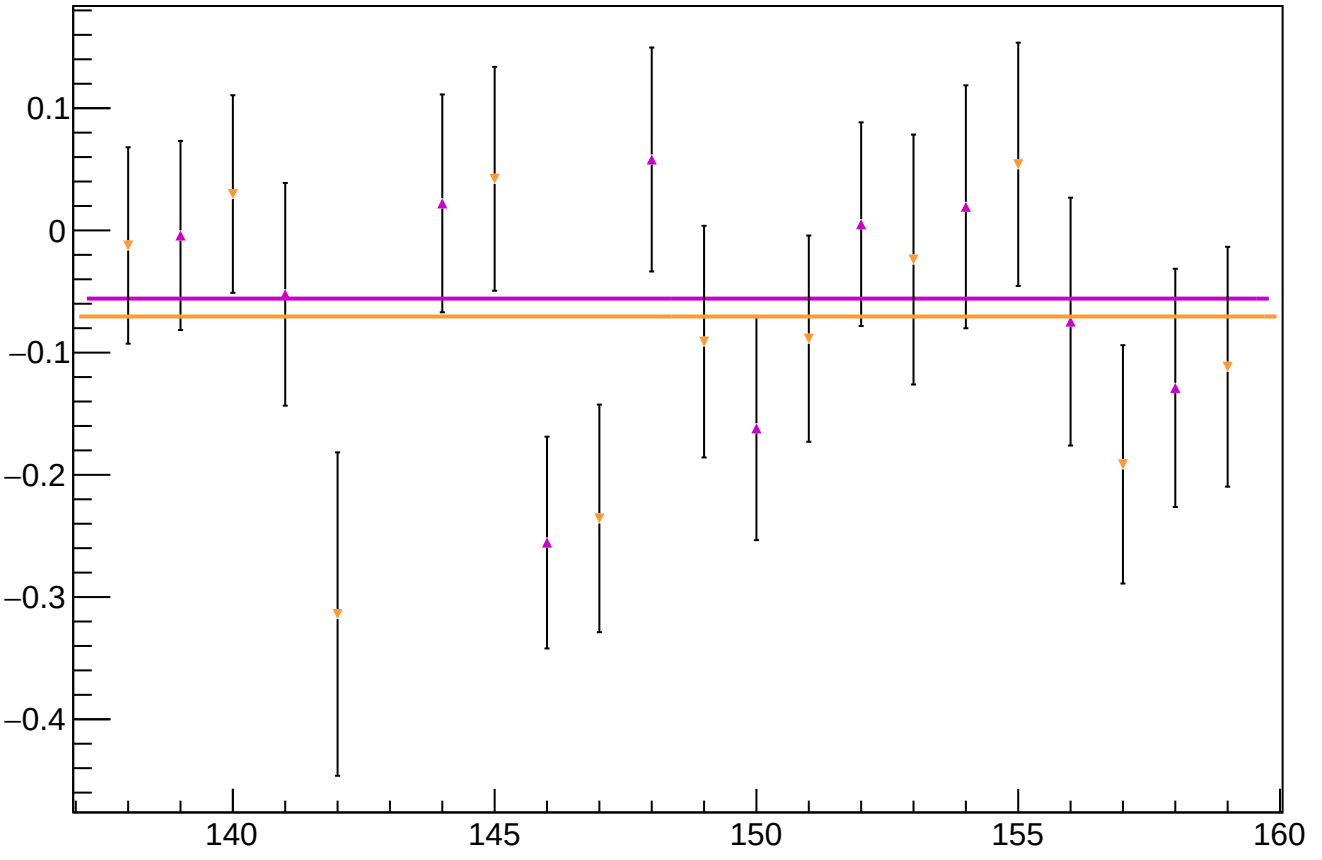
Left In: -1.833+/-0.012 χ^2/NDF:18915.6/9

+ sign -1.427+/-0.011 χ^2/NDF: 40653.8/26

All: -1.604+/-0.008 χ^2/NDF: 138059.5/54

- sign -1.784+/-0.011 χ^2/NDF: 96859.0/27

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.070+/-0.028 χ^2/NDF:13.7/10

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

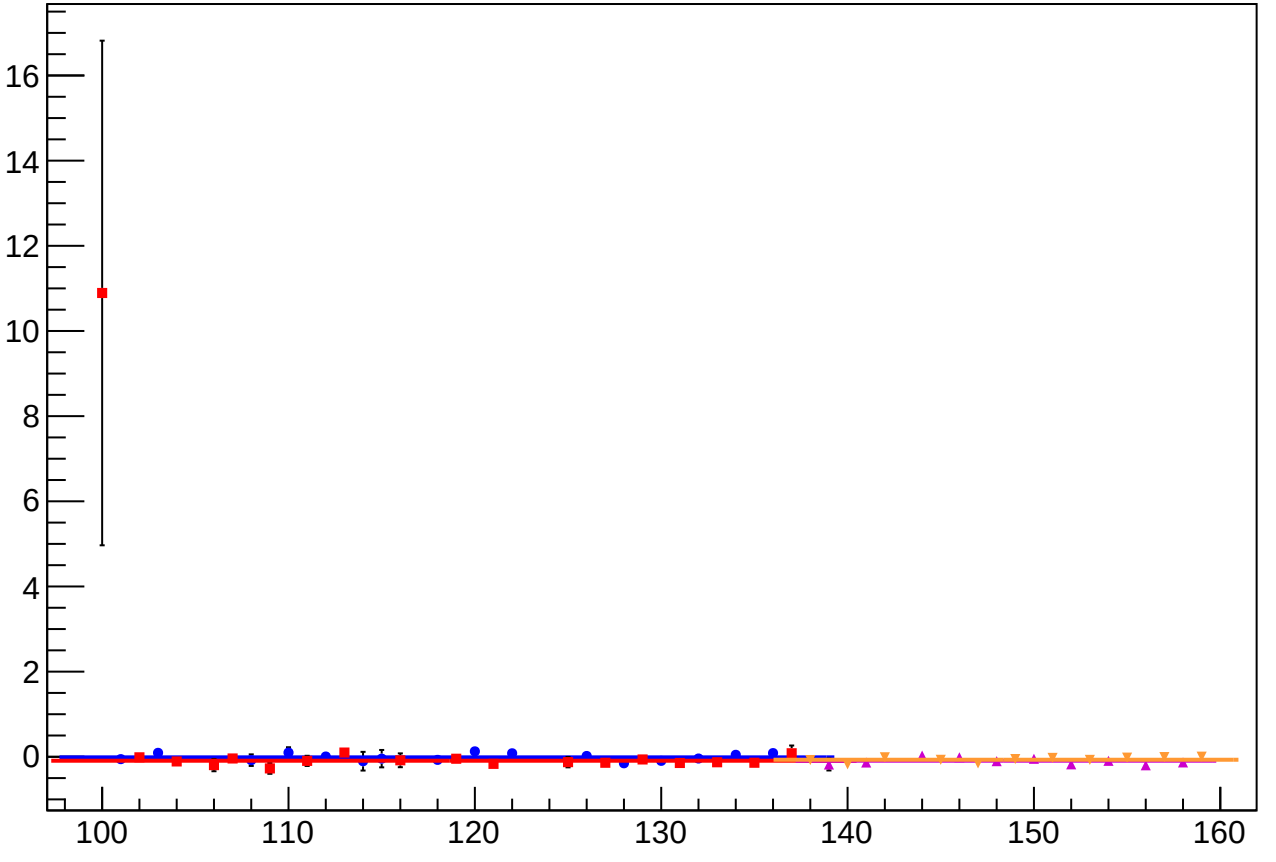
Left In: -0.056+/-0.028 χ^2/NDF:11.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.063+/-0.020 χ^2/NDF: 24.9/20

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013+/-0.023 χ^2/NDF: 12.2/15

Left Out: -0.069+/-0.019 χ^2/NDF:10.2/10

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

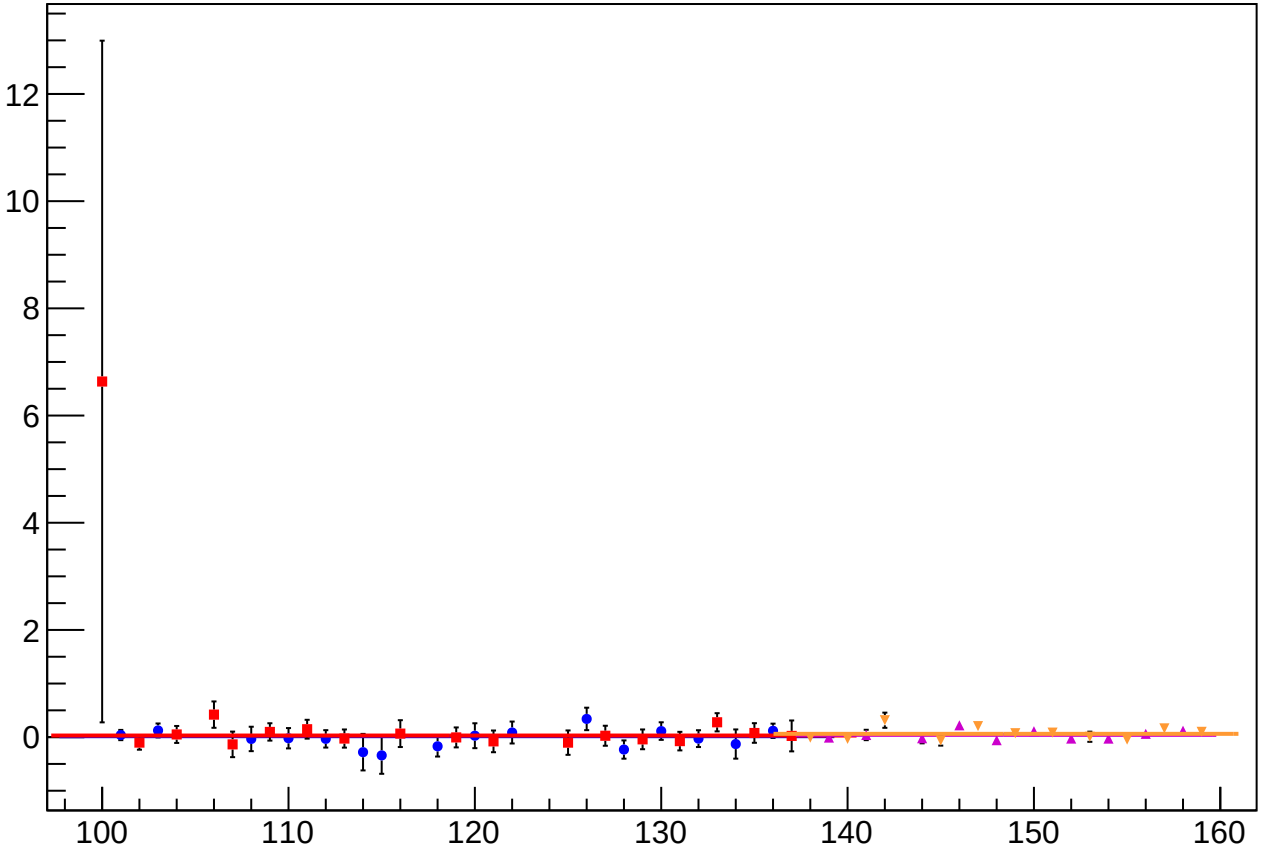
Left In: -0.092+/-0.020 χ^2/NDF:11.9/9

+ sign -0.046+/-0.015 χ^2/NDF: 25.9/26

All: -0.068+/-0.011 χ^2/NDF: 55.0/54

- sign -0.092+/-0.015 χ^2/NDF: 24.6/27

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.061+/-0.028 χ^2/NDF:12.7/10

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

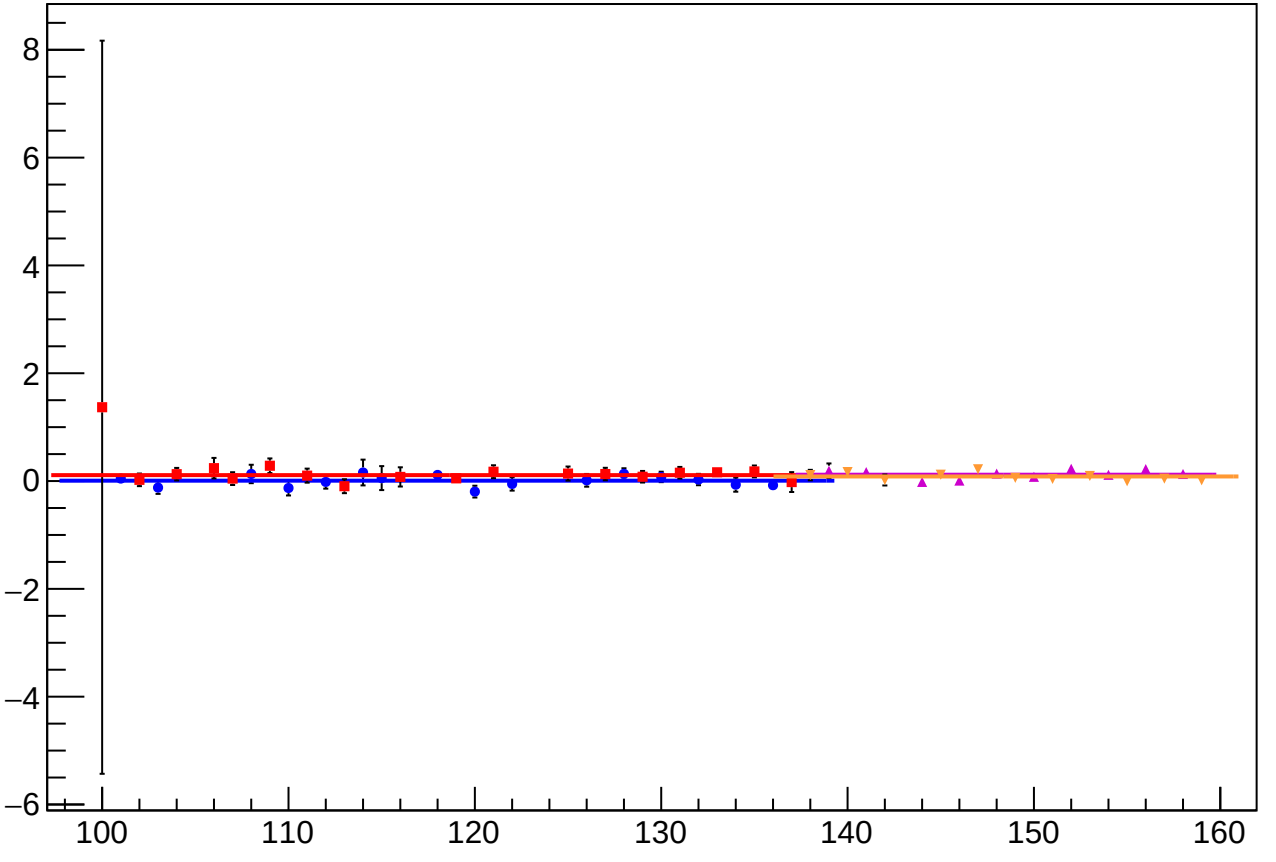
Left In: 0.042+/-0.028 χ^2/NDF:9.5/9

+ sign 0.048+/-0.023 χ^2/NDF: 23.1/26

All: 0.044+/-0.017 χ^2/NDF: 41.9/54

- sign 0.039+/-0.024 χ^2/NDF: 18.7/27

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.085+/-0.023 χ^2/NDF:9.6/10

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

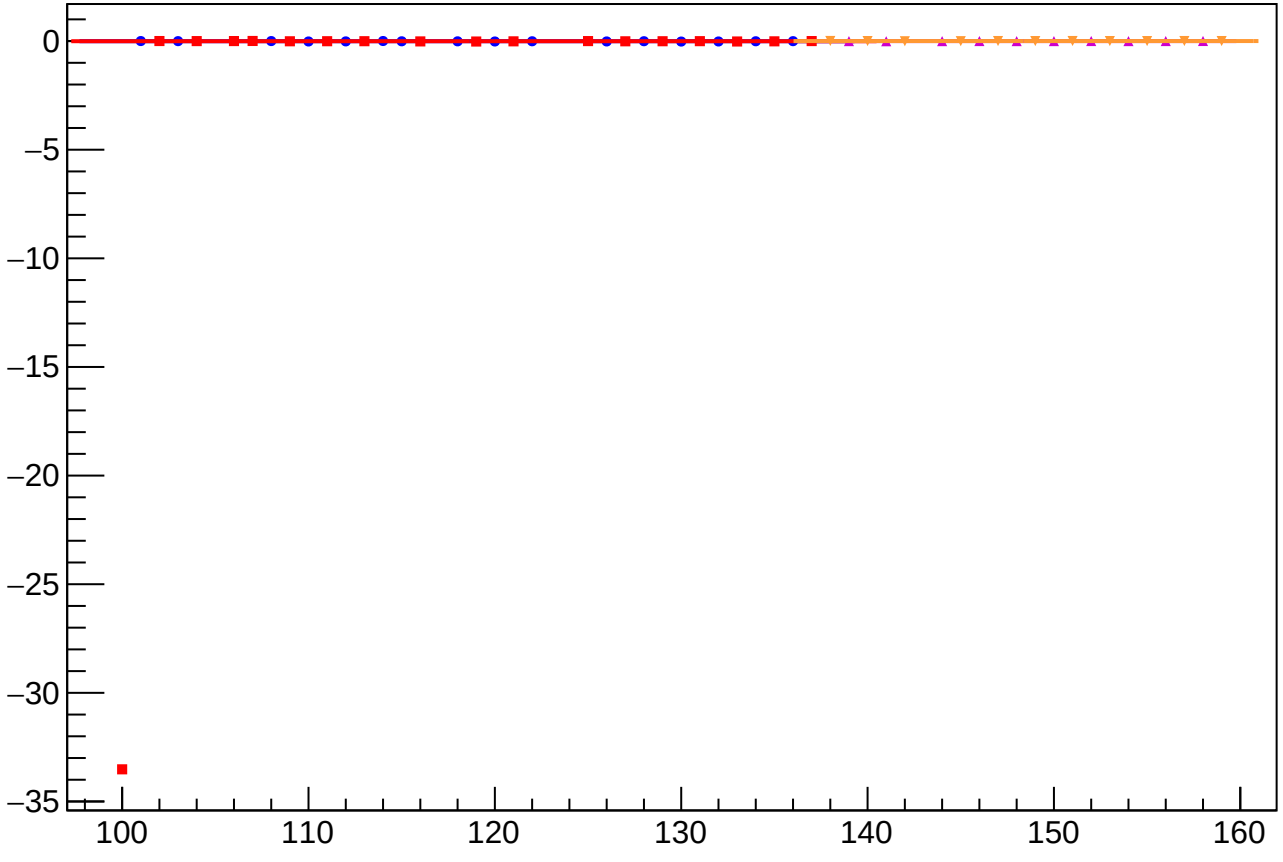
Left In: 0.118+/-0.024 χ^2/NDF:10.9/9

+ sign 0.052+/-0.018 χ^2/NDF: 26.6/26

All: 0.082+/-0.013 χ^2/NDF: 51.6/54

- sign 0.114+/-0.018 χ^2/NDF: 19.0/27

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.001 χ^2/NDF:7.1/10

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

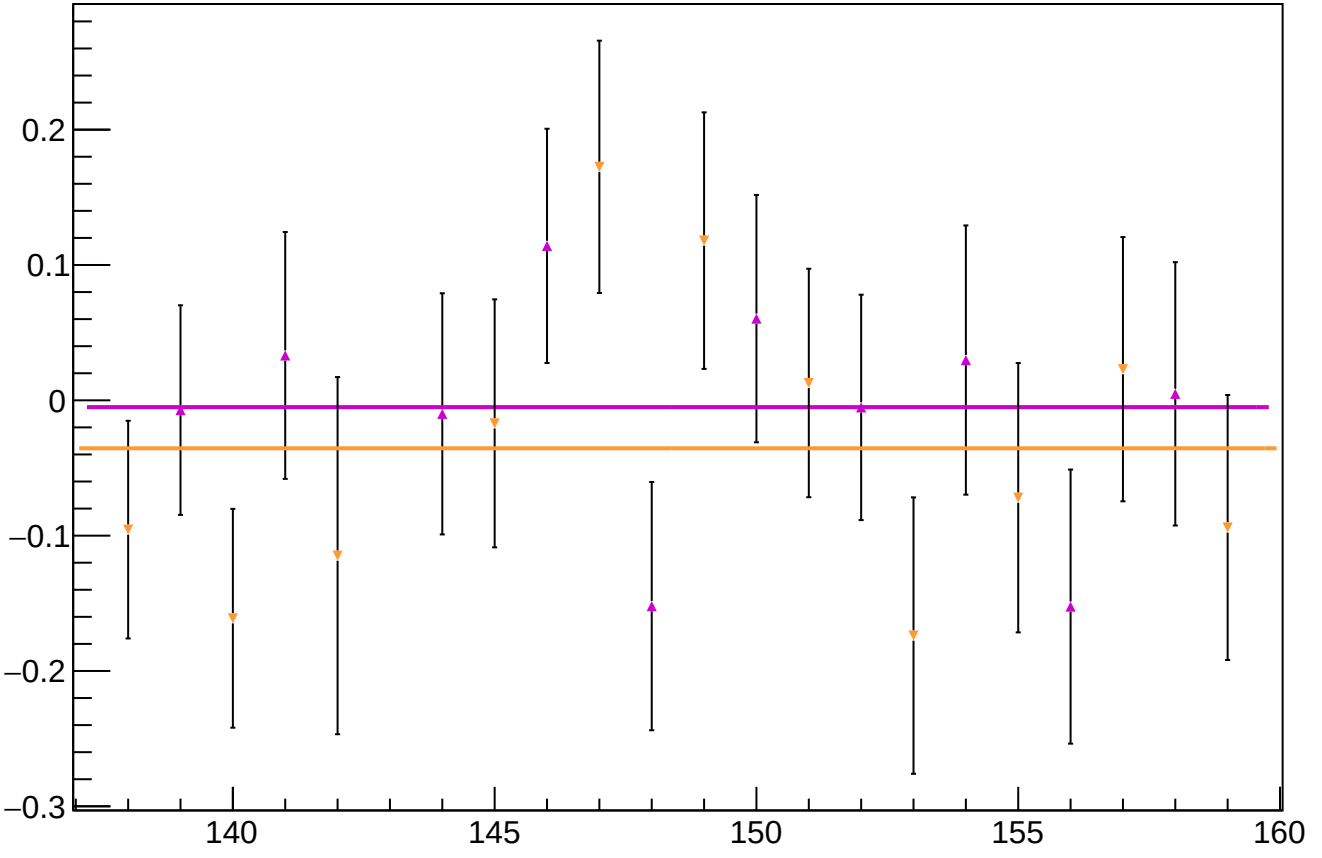
Left In: 0.000+/-0.001 χ^2/NDF:7.1/9

+ sign -0.001+/-0.001 χ^2/NDF: 42.6/26

All: -0.002+/-0.001 χ^2/NDF: 26569.7/54

- sign -0.002+/-0.001 χ^2/NDF: 26526.7/27

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.035+/-0.028 χ^2/NDF:14.0/10

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

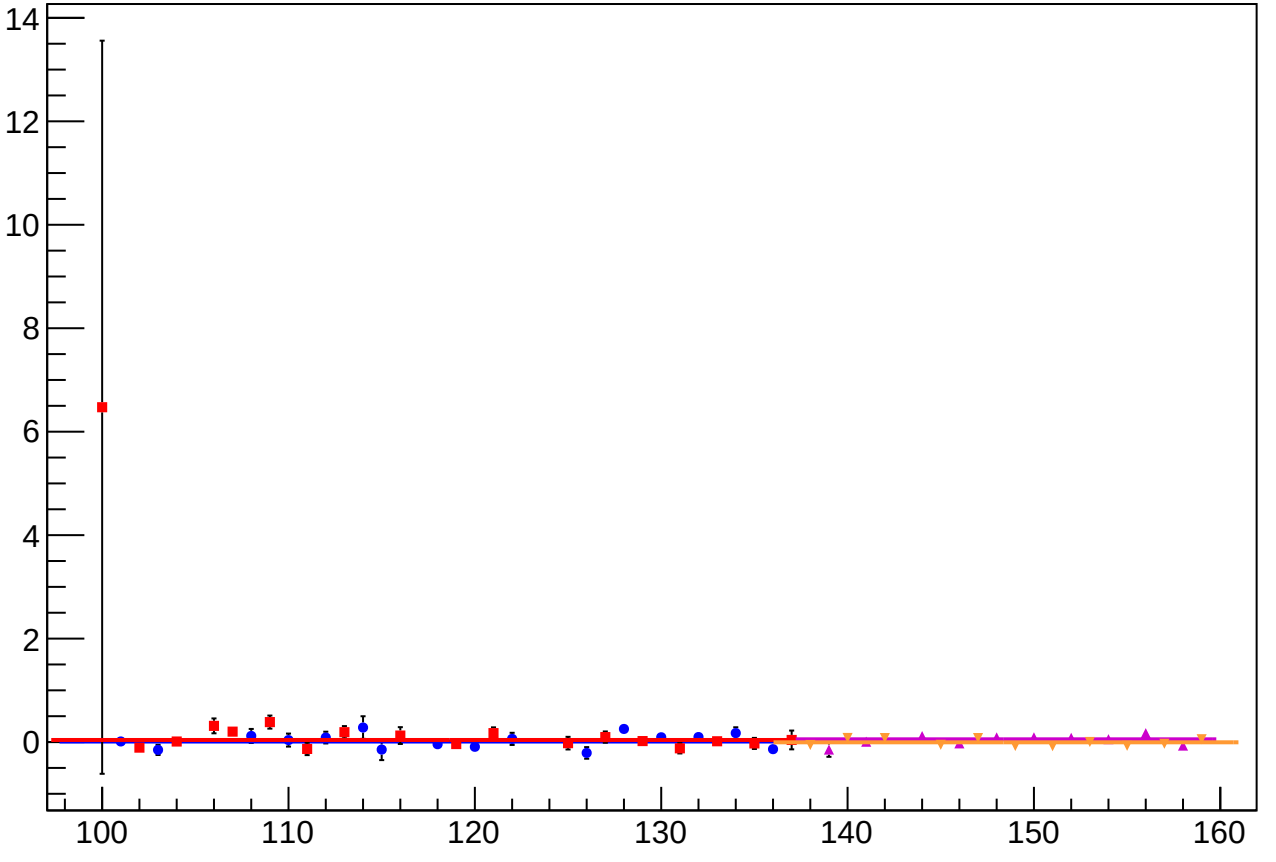
Left In: -0.005+/-0.028 χ^2/NDF:7.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.020+/-0.020 χ^2/NDF: 22.0/20

- sign 0.000+/-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: -0.005+/-0.019 χ^2/NDF:12.5/10

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

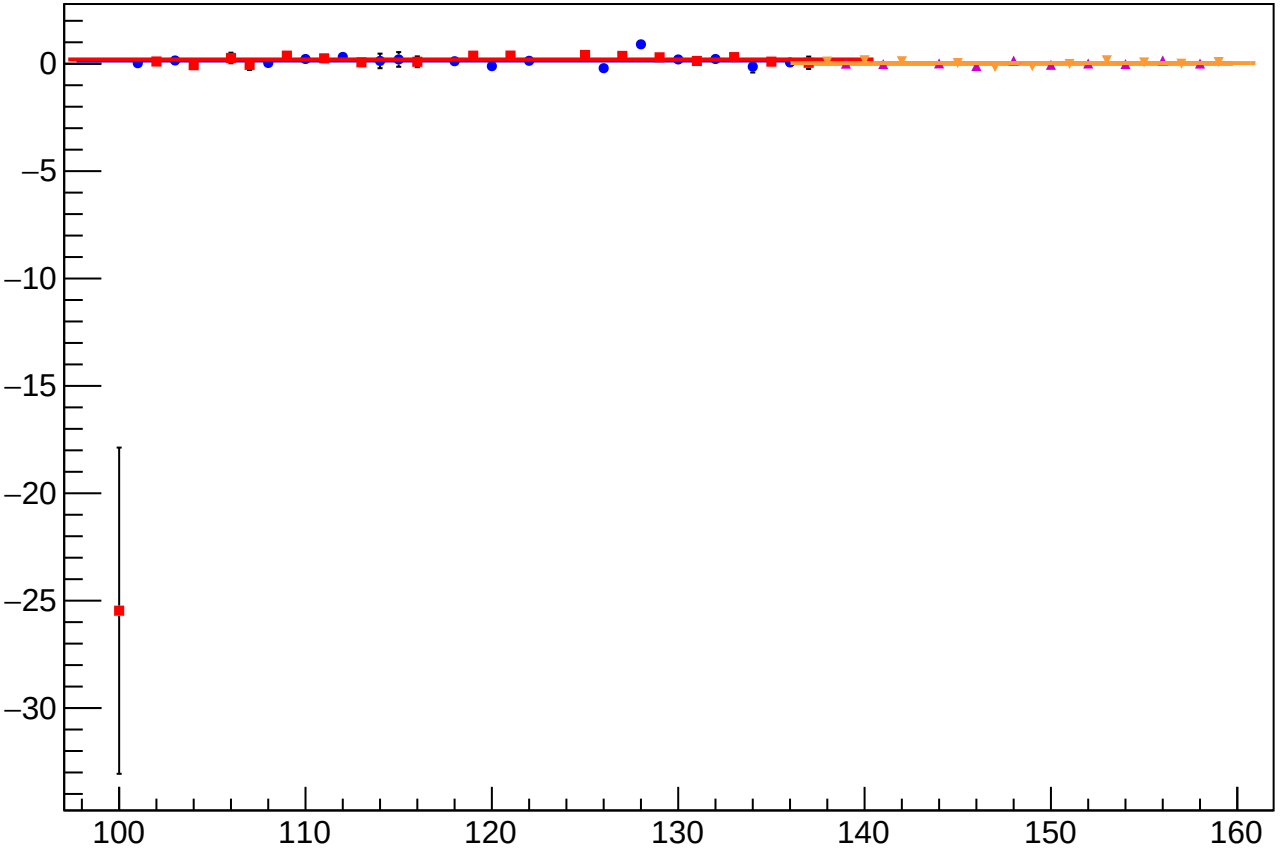
Left In: 0.053+/-0.020 χ^2/NDF:13.3/9

+ sign 0.001+/-0.015 χ^2/NDF: 38.2/26

All: 0.024+/-0.011 χ^2/NDF: 84.2/54

- sign 0.048+/-0.015 χ^2/NDF: 41.4/27

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.032+/-0.028 χ^2/NDF:13.4/10

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

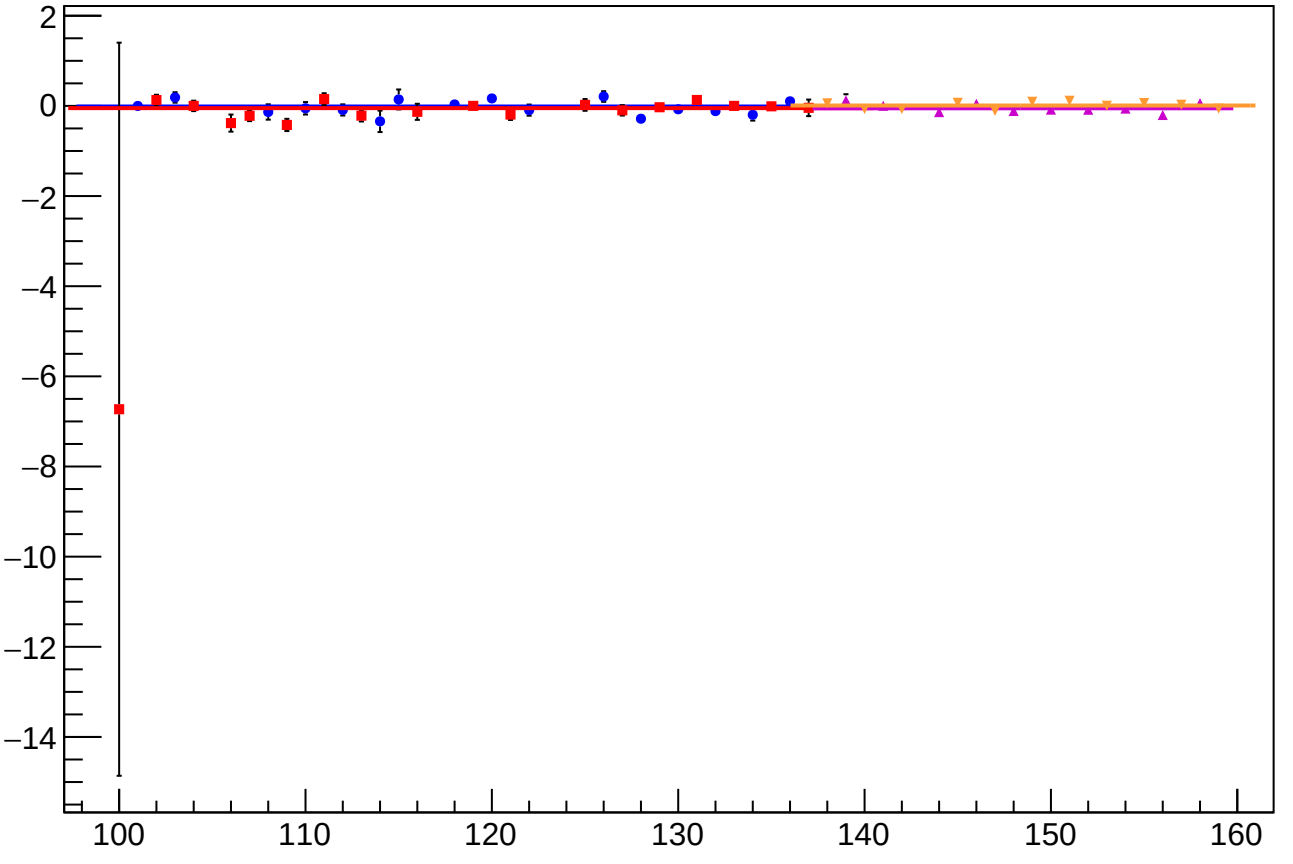
Left In: 0.015+/-0.028 χ^2/NDF:7.4/9

+ sign 0.067+/-0.023 χ^2/NDF: 47.7/26

All: 0.067+/-0.017 χ^2/NDF: 90.3/54

- sign 0.066+/-0.024 χ^2/NDF: 42.6/27

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.009+/-0.023 χ^2/NDF:11.6/10

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

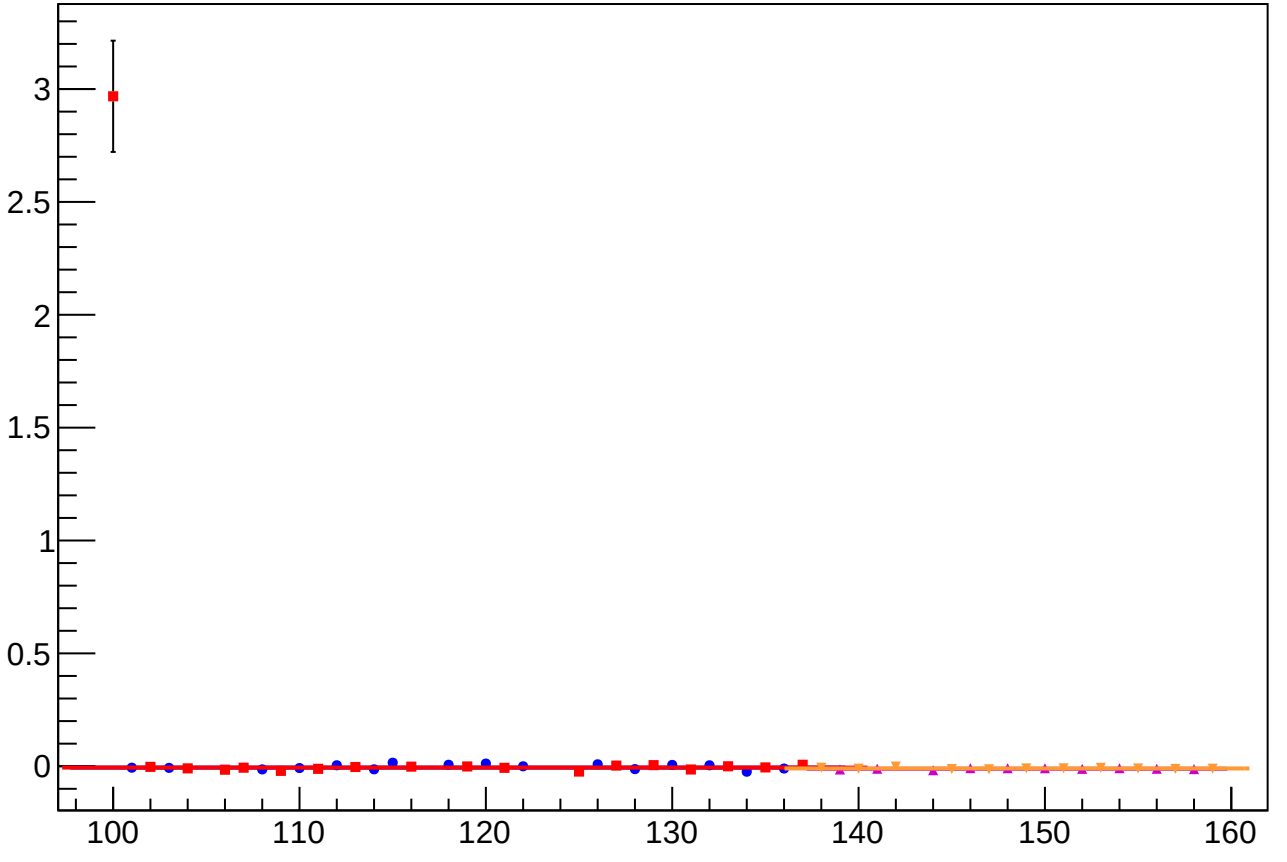
Left In: -0.053+/-0.024 χ^2/NDF:13.3/9

+ sign -0.001+/-0.018 χ^2/NDF: 37.1/26

All: -0.025+/-0.013 χ^2/NDF: 80.2/54

- sign -0.052+/-0.018 χ^2/NDF: 39.1/27

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.010+/-0.001 χ^2/NDF:5.7/10

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

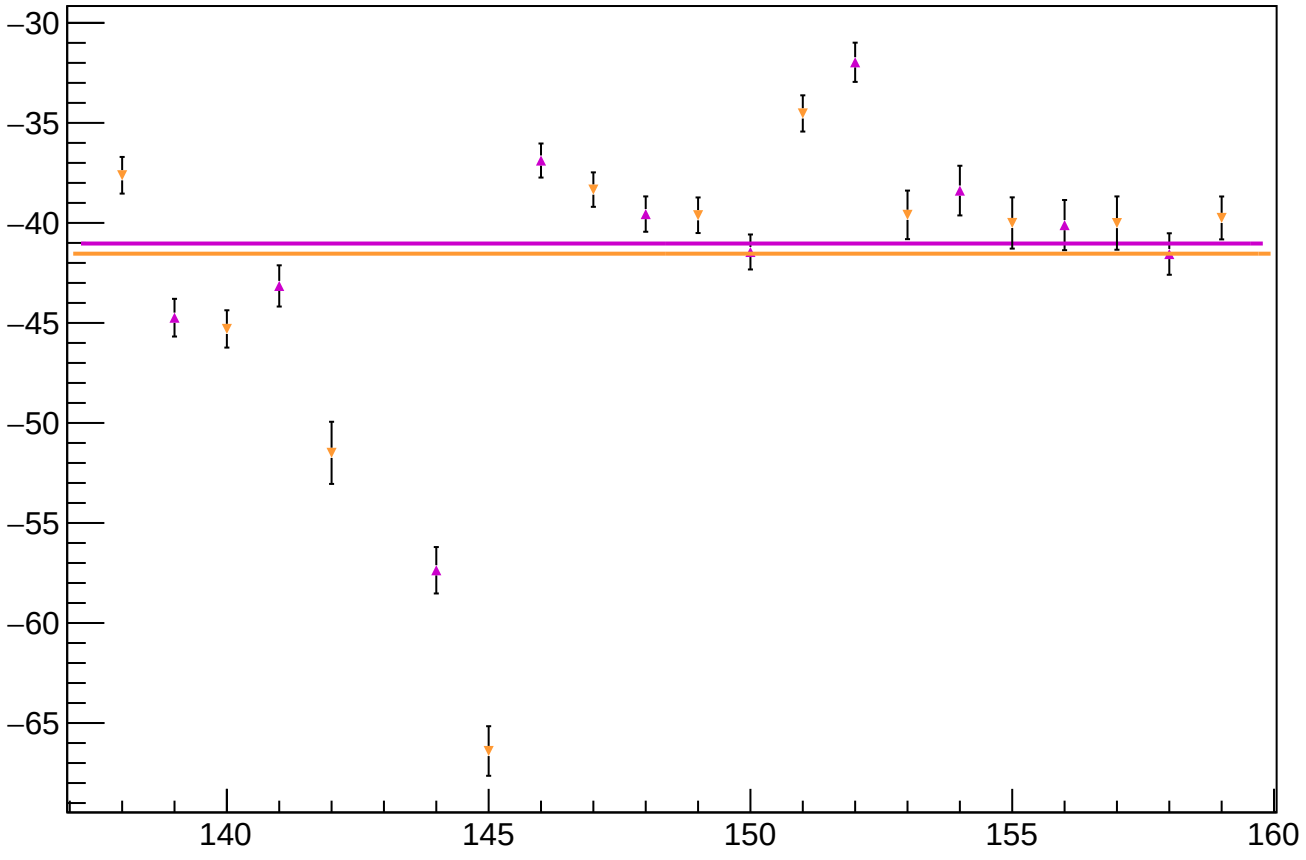
Left In: -0.011+/-0.001 χ^2/NDF:5.7/9

+ sign -0.008+/-0.001 χ^2/NDF: 39.2/26

All: -0.009+/-0.001 χ^2/NDF: 219.8/54

- sign -0.009+/-0.001 χ^2/NDF: 180.0/27

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.538+/-0.317 χ^2/NDF:564.4/10

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

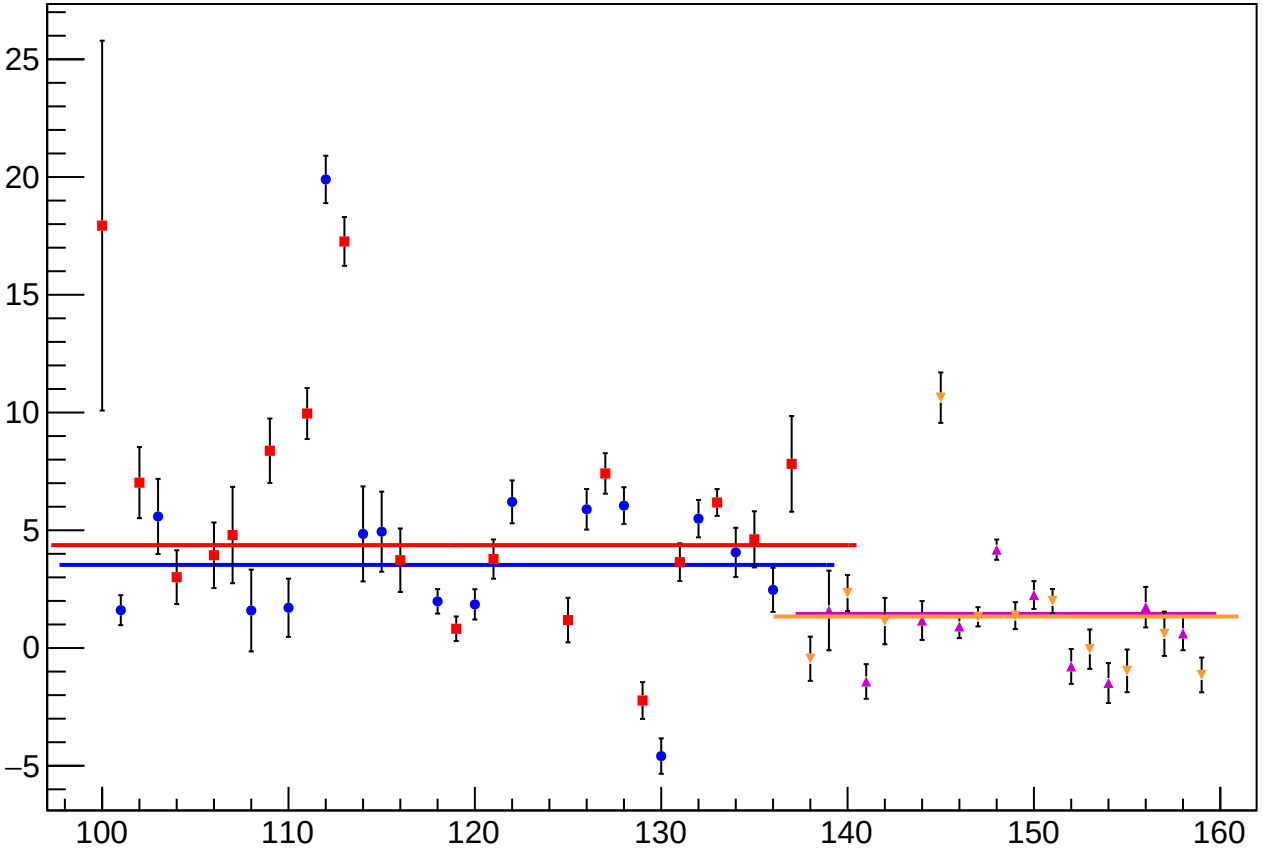
Left In: -41.030+/-0.316 χ^2/NDF:335.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -41.283+/-0.224 χ^2/NDF: 901.0/20

- 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: 1.338+/-0.207 χ^2/NDF:103.5/10

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

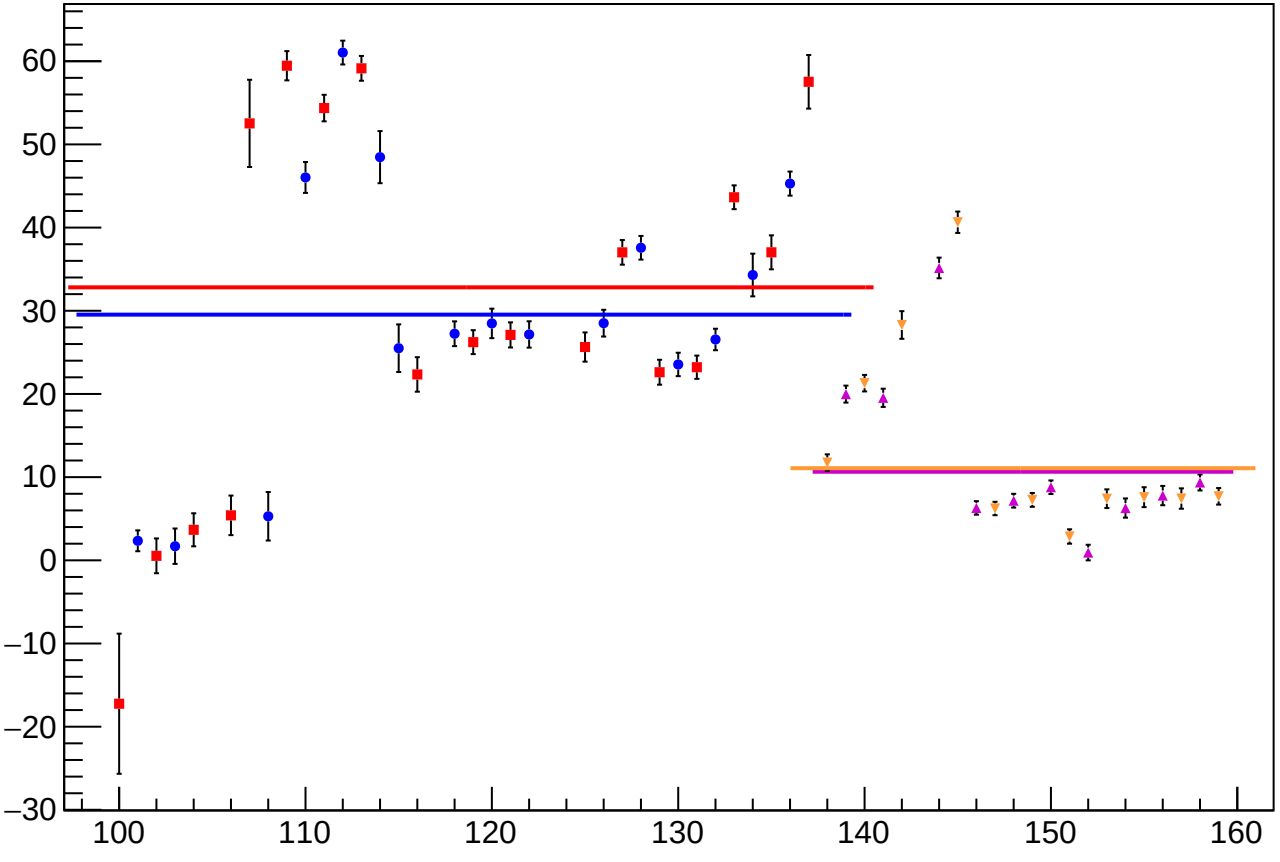
Left In: 1.445+/-0.211 χ^2/NDF:81.3/9

+ sign 2.381+/-0.150 χ^2/NDF: 603.4/26

All: 2.589+/-0.107 χ^2/NDF: 1132.3/54

- sign 2.808+/-0.154 χ^2/NDF: 525.0/27

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 11.075+/-0.309 χ^2/NDF:928.5/10

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

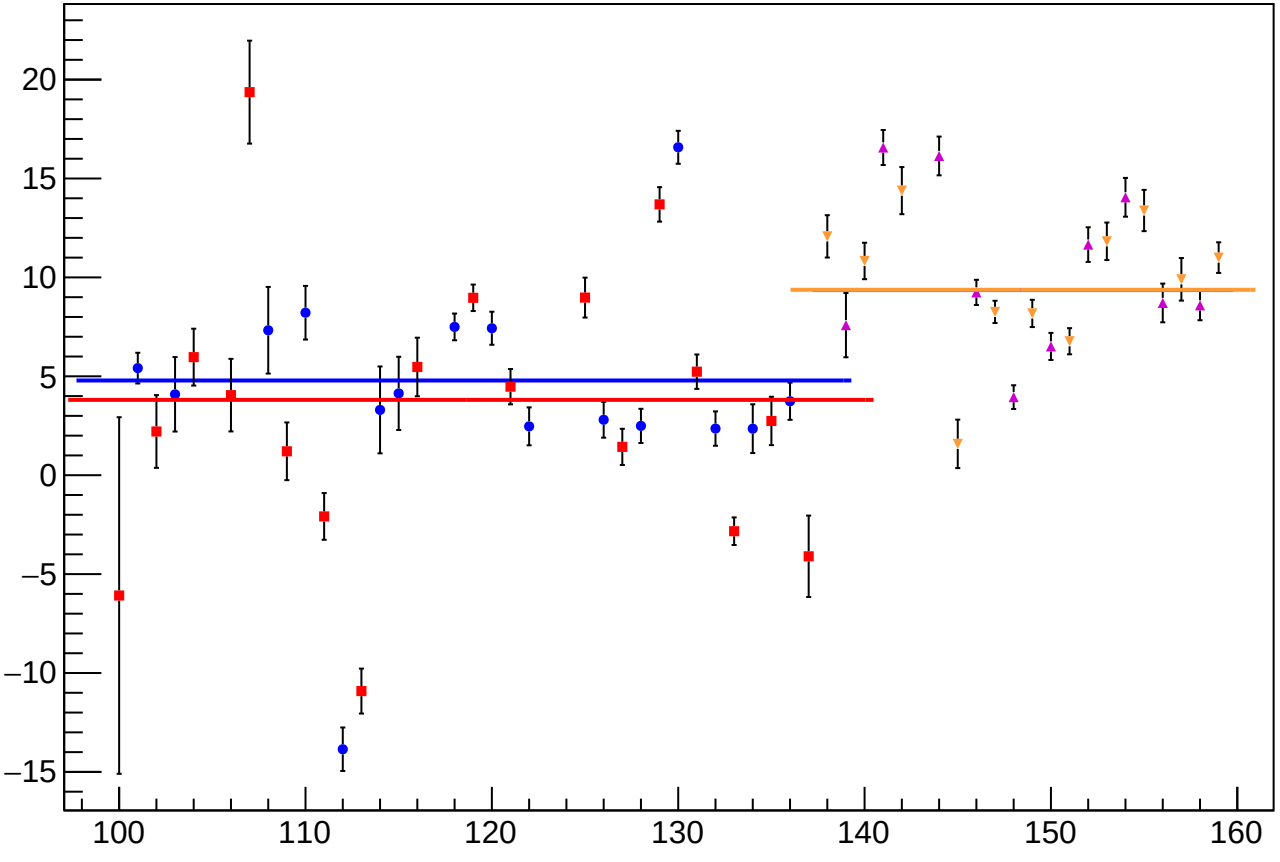
Left In: 10.651+/-0.307 χ^2/NDF:719.9/9

+ sign 17.620+/-0.248 χ^2/NDF: 3689.8/26

All: 17.958+/-0.176 χ^2/NDF: 7872.4/54

- sign 18.298+/-0.248 χ^2/NDF: 4178.9/27

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 9.374+/-0.254 χ^2/NDF:115.6/10

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

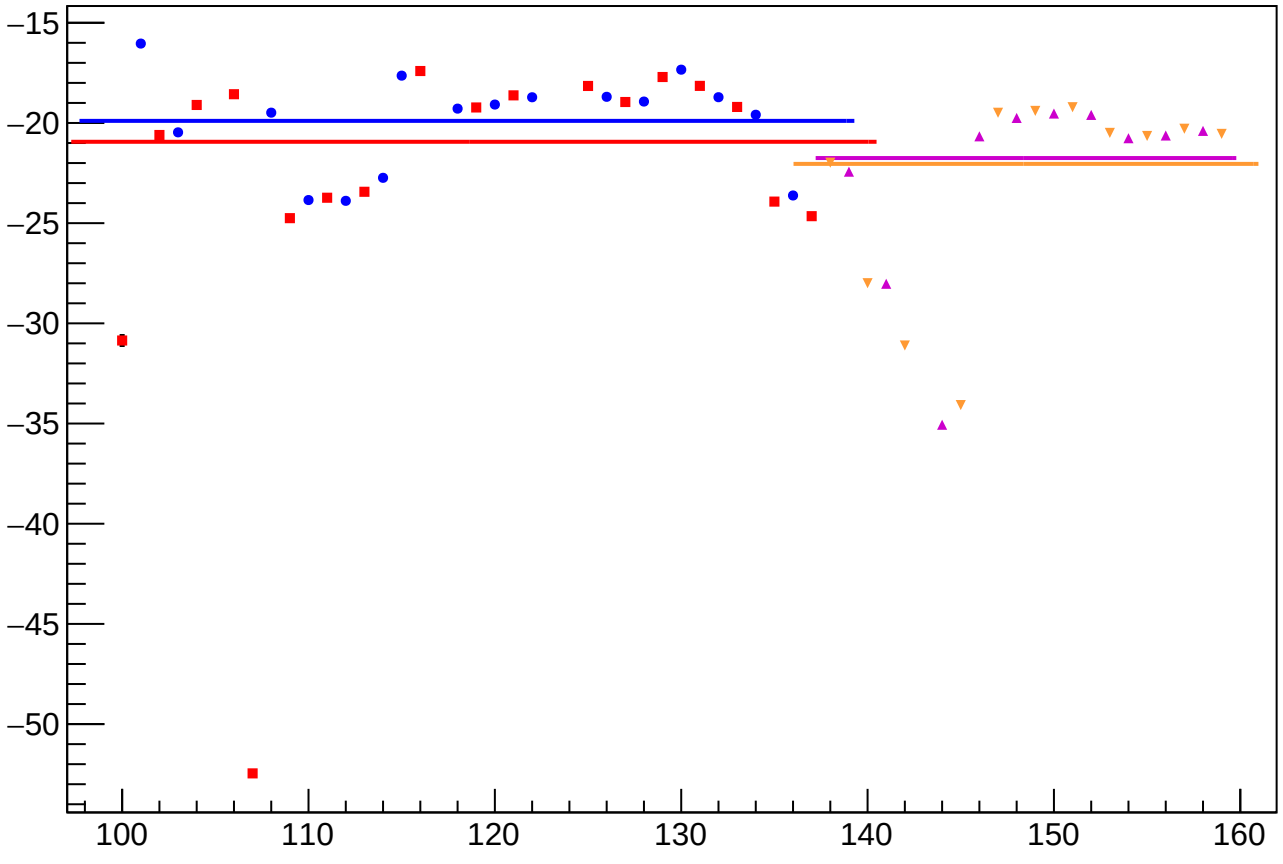
Left In: 9.362+/-0.256 χ^2/NDF:245.6/9

+ sign 7.058+/-0.179 χ^2/NDF: 834.4/26

All: 6.841+/-0.127 χ^2/NDF: 1883.1/54

- sign 6.615+/-0.182 χ^2/NDF: 1045.7/27

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -22.042+/-0.012 χ^2/NDF:114910.2/10

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

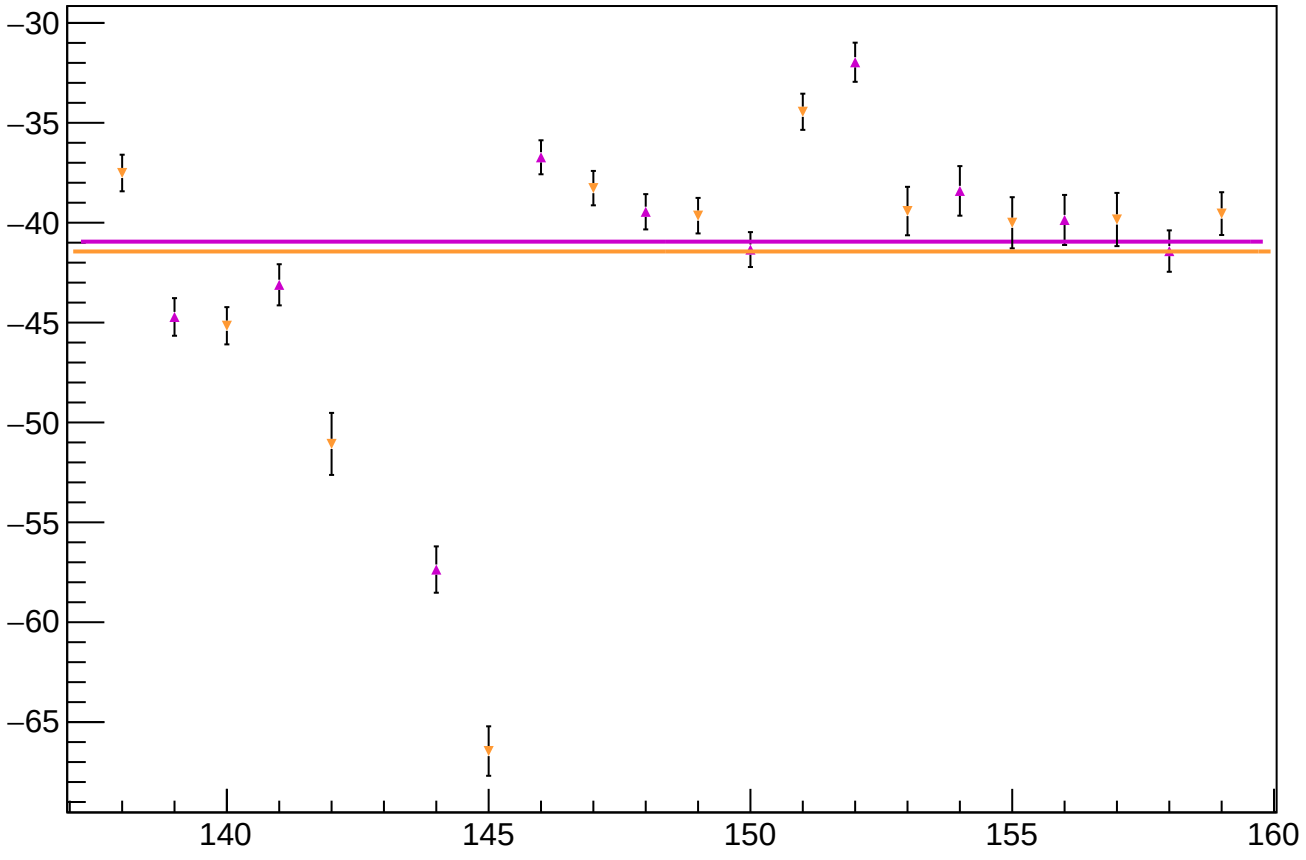
Left In: -21.751+/-0.012 χ^2/NDF:94533.0/9

+ sign -21.212+/-0.010 χ^2/NDF: 152646.2/26

All: -21.330+/-0.007 χ^2/NDF: 343215.7/54

- sign -21.447+/-0.010 χ^2/NDF: 190271.8/27

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.441+/-0.317 χ^2/NDF:566.3/10

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

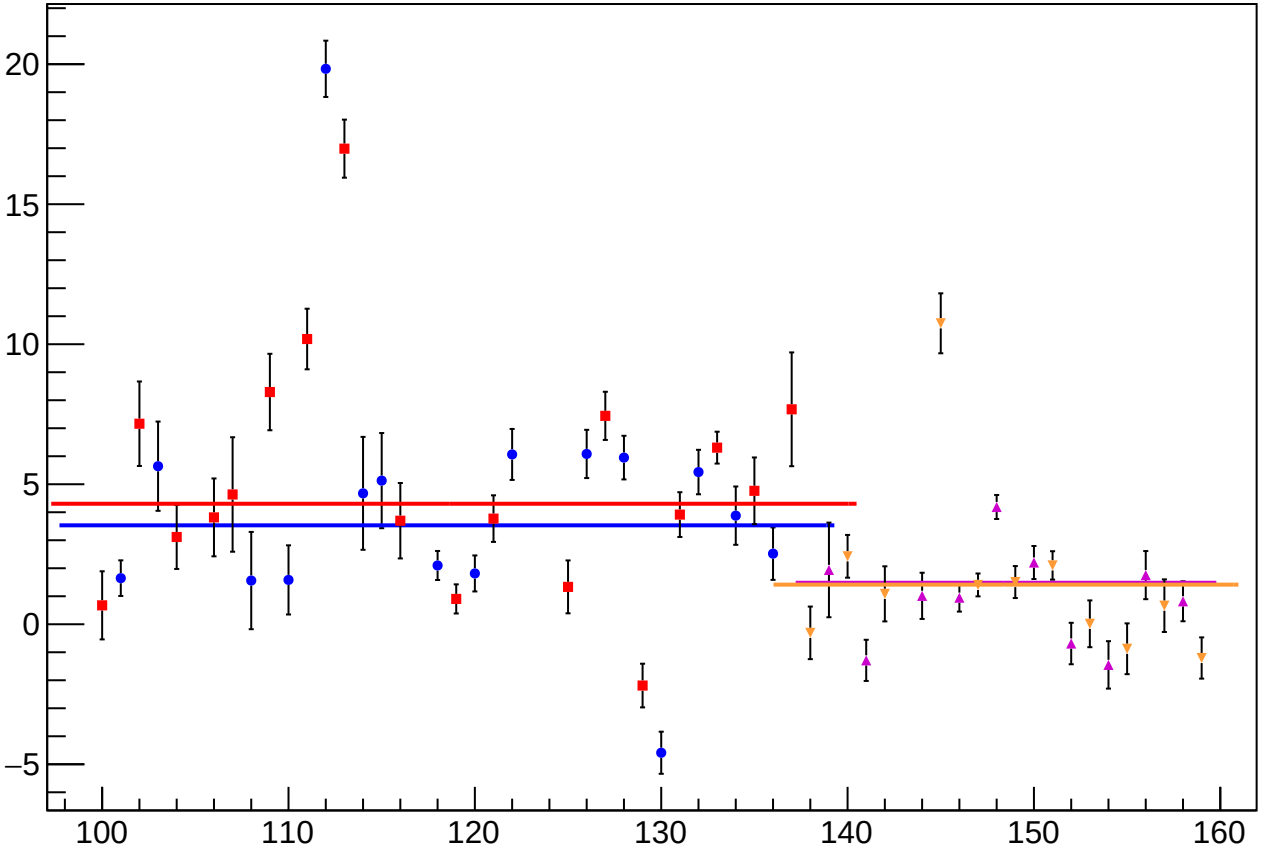
Left In: -40.948+/-0.316 χ^2/NDF:337.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -41.194+/-0.224 χ^2/NDF: 905.2/20

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.415+/-0.207 χ^2/NDF:105.6/10

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

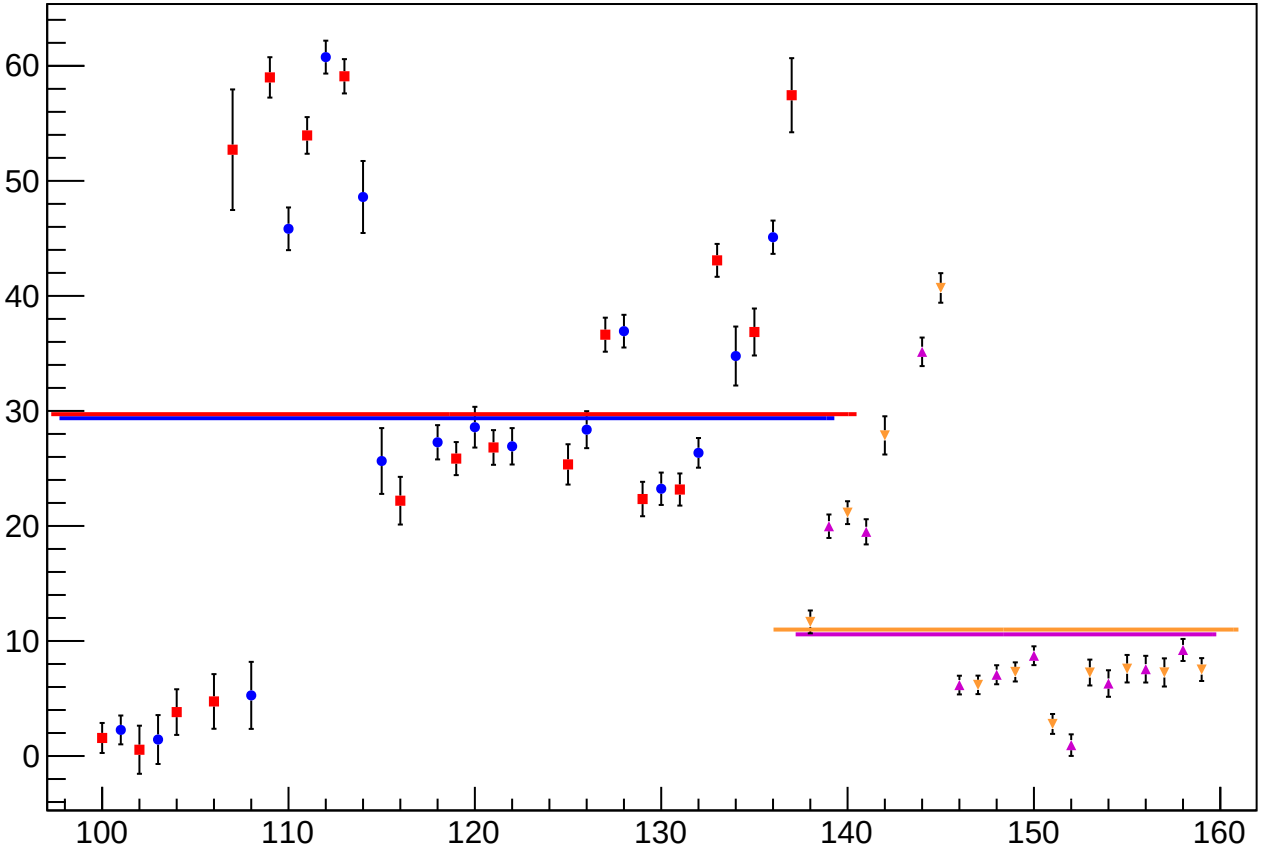
Left In: 1.481+/-0.210 χ^2/NDF:78.6/9

+ sign 2.423+/-0.150 χ^2/NDF: 598.6/26

All: 2.618+/-0.107 χ^2/NDF: 1118.7/54

- sign 2.820+/-0.153 χ^2/NDF: 516.7/27

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 10.992+/-0.309 χ^2/NDF:928.2/10

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

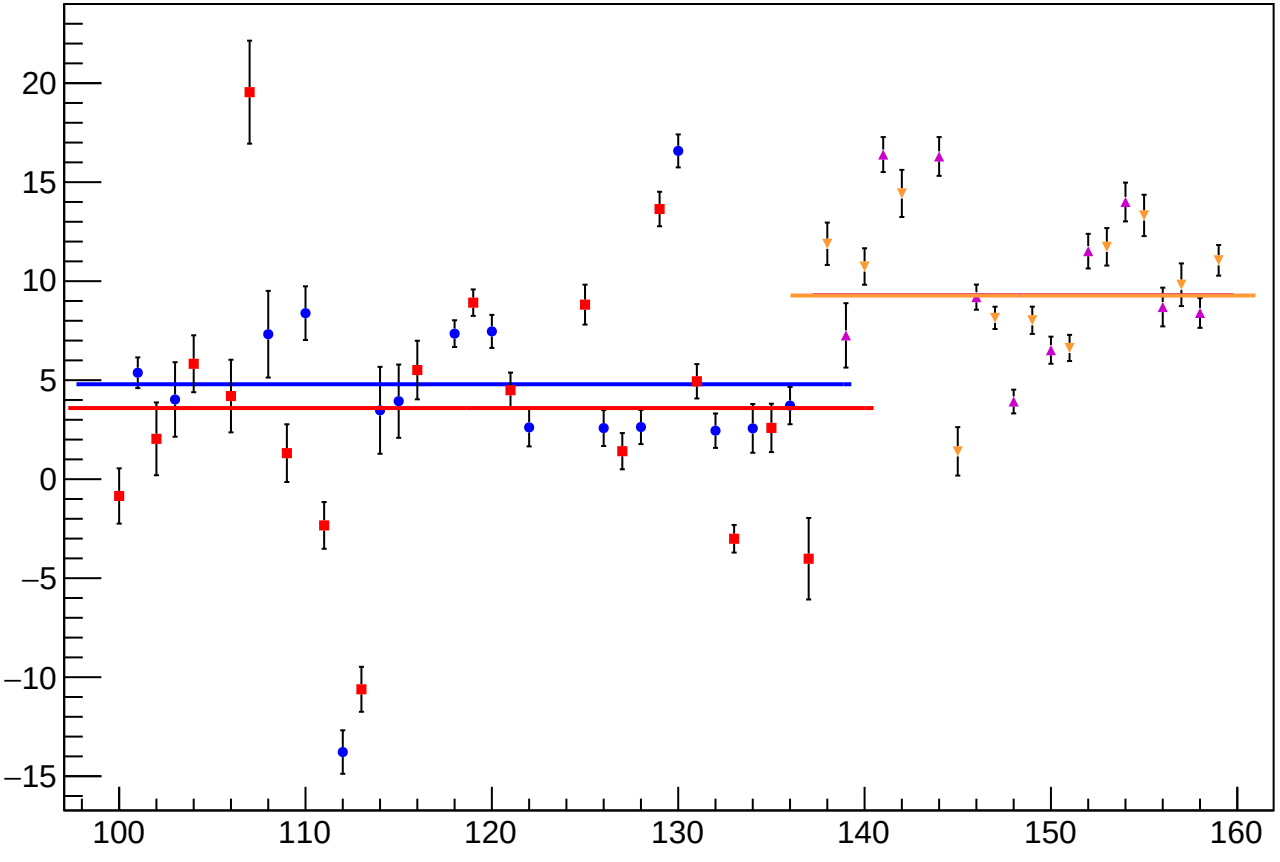
Left In: 10.576+/-0.307 χ^2/NDF:723.8/9

+ sign 17.507+/-0.248 χ^2/NDF: 3673.3/26

All: 17.559+/-0.174 χ^2/NDF: 7958.1/54

- sign 17.608+/-0.244 χ^2/NDF: 4284.7/27

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.277+/-0.254 χ^2/NDF:119.3/10

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

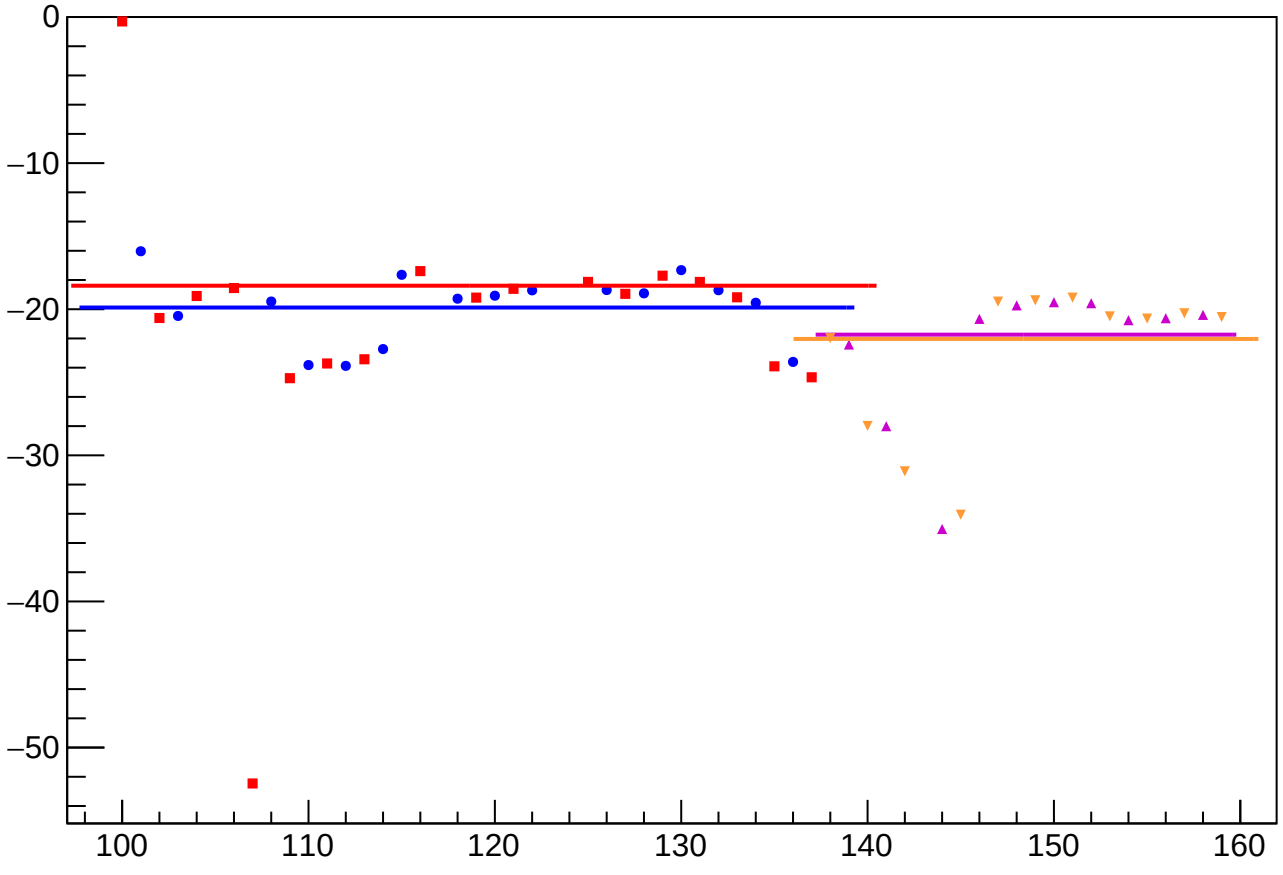
Left In: 9.299+/-0.256 χ^2/NDF:245.5/9

+ sign 7.013+/-0.178 χ^2/NDF: 827.1/26

All: 6.724+/-0.127 χ^2/NDF: 1901.3/54

- sign 6.428+/-0.180 χ^2/NDF: 1068.9/27

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -22.033+/-0.012 χ^2/NDF:114985.7/10

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

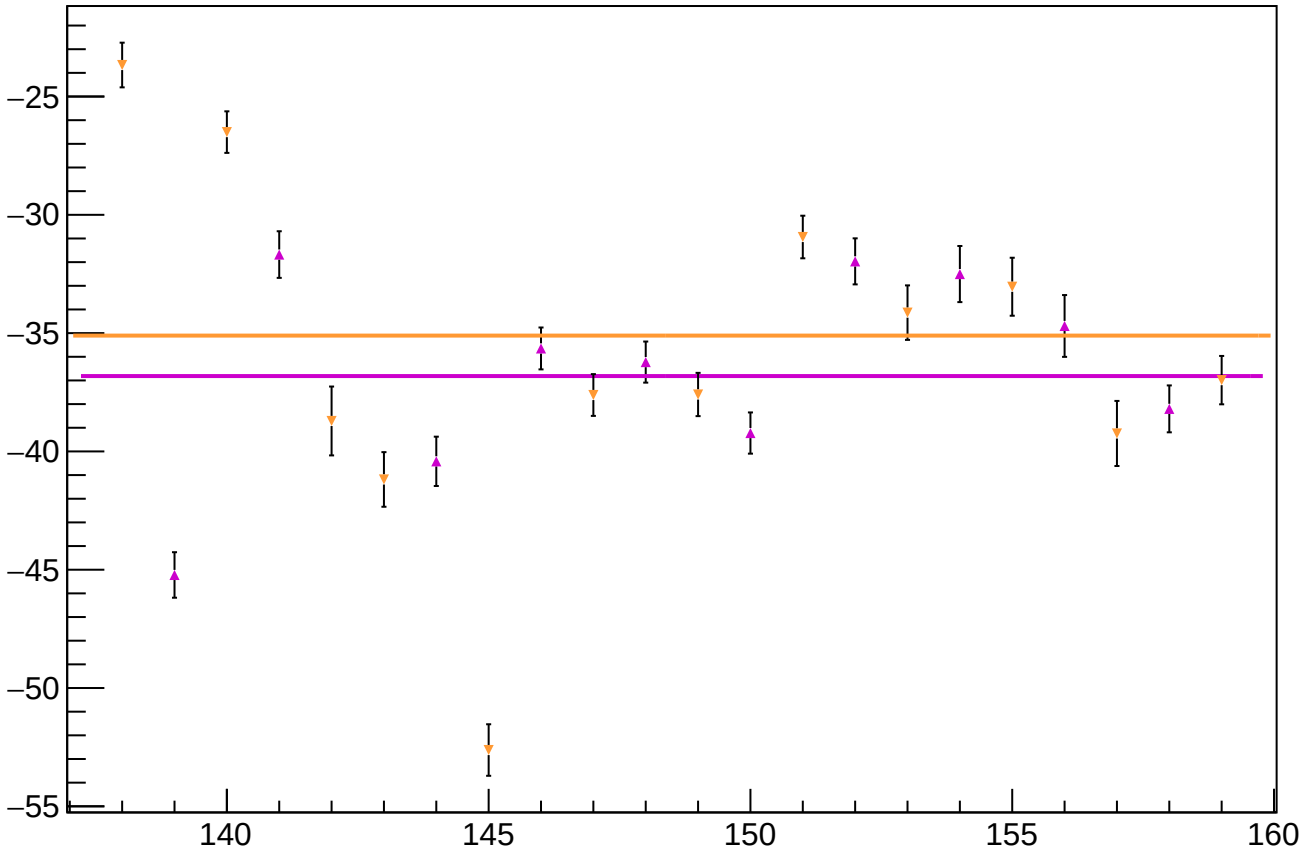
Left In: -21.740+/-0.012 χ^2/NDF:94478.5/9

+ sign -21.202+/-0.010 χ^2/NDF: 152763.5/26

All: -20.781+/-0.007 χ^2/NDF: 582958.7/54

- sign -20.388+/-0.009 χ^2/NDF: 426536.4/27

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -35.104+/-0.300 χ^2/NDF:588.0/11

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

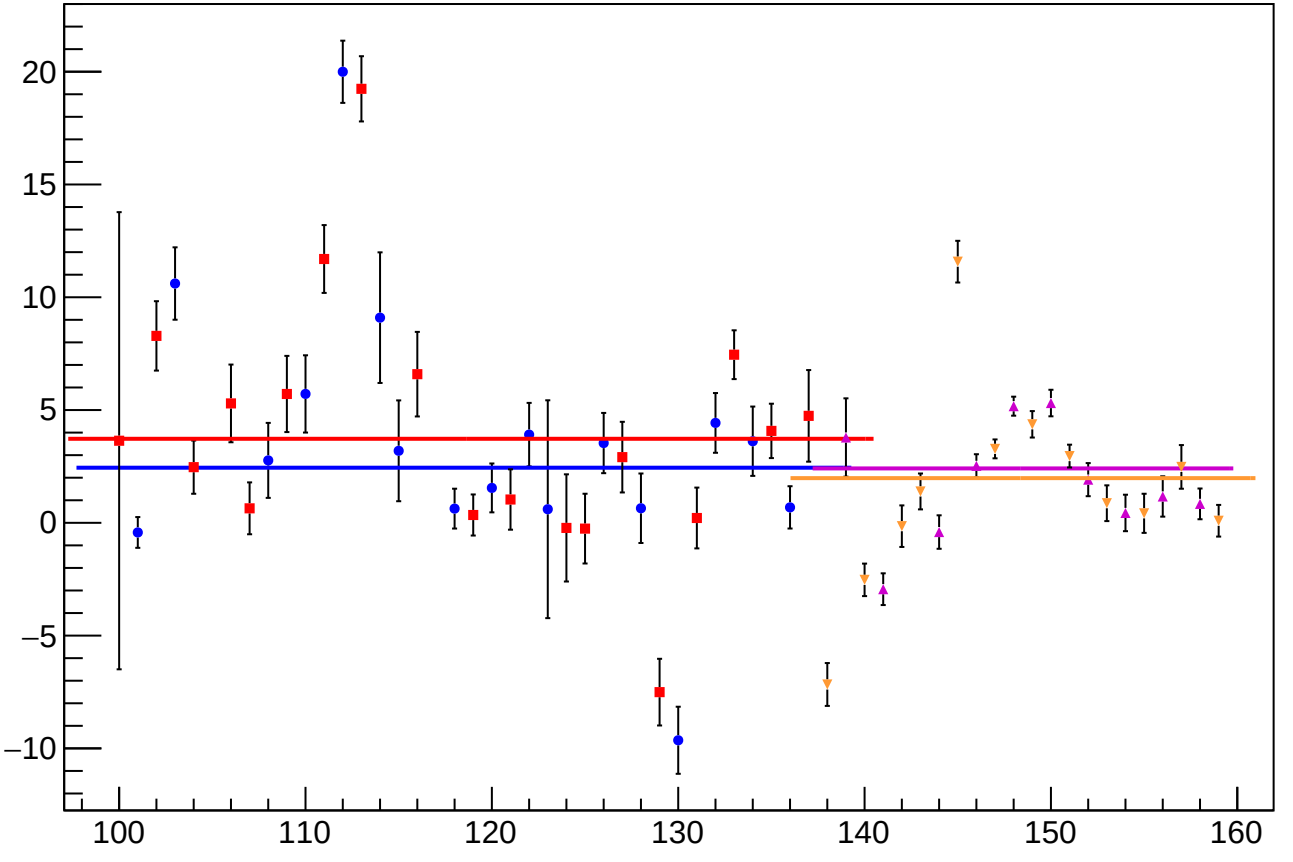
Left In: -36.815+/-0.311 χ^2/NDF:168.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.929+/-0.216 χ^2/NDF: 771.6/21

- 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: 1.981+/-0.198 χ^2/NDF:288.1/11

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

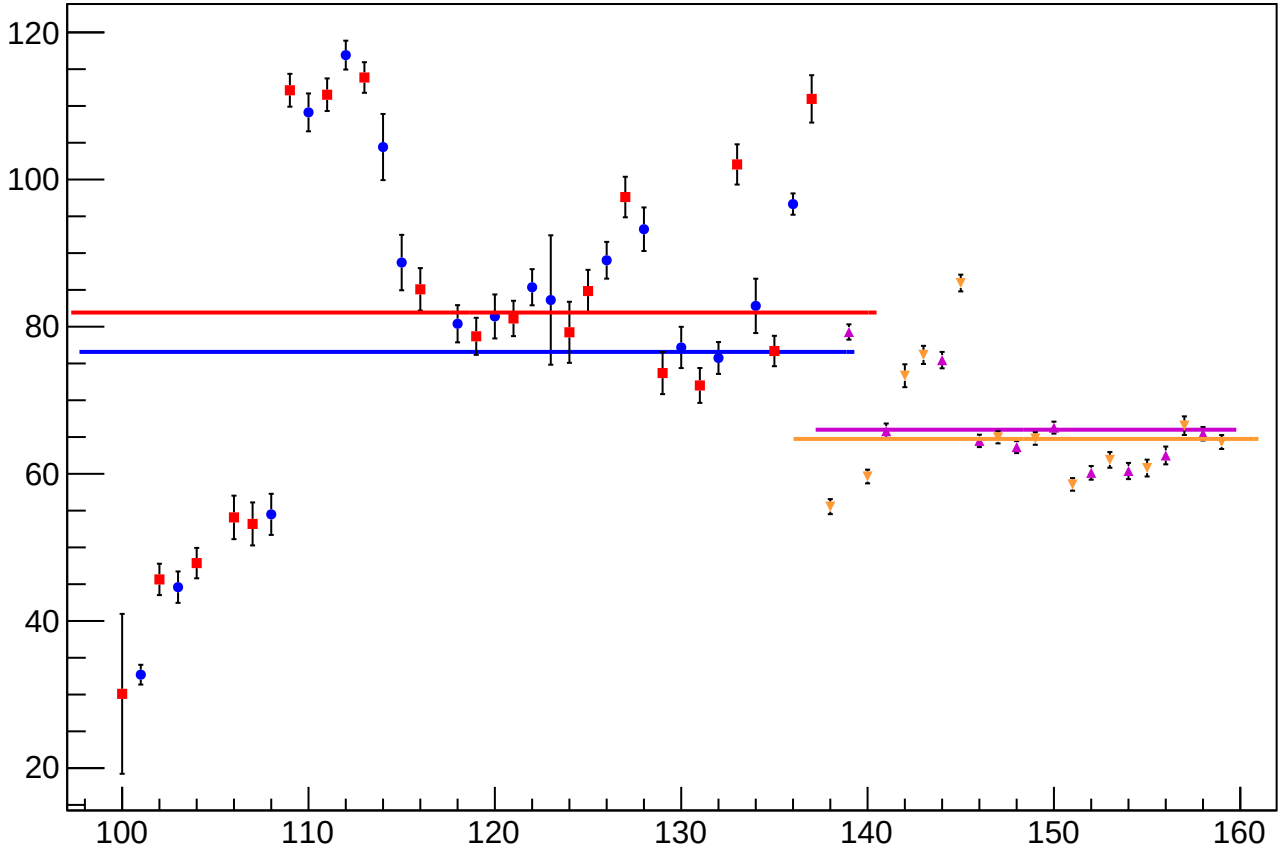
Left In: 2.412+/-0.207 χ^2/NDF:154.0/9

+ sign 2.115+/-0.167 χ^2/NDF: 585.0/28

All: 2.436+/-0.121 χ^2/NDF: 1027.4/57

- sign 2.789+/-0.175 χ^2/NDF: 434.6/28

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 64.743+/-0.295 χ^2/NDF:647.2/11

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

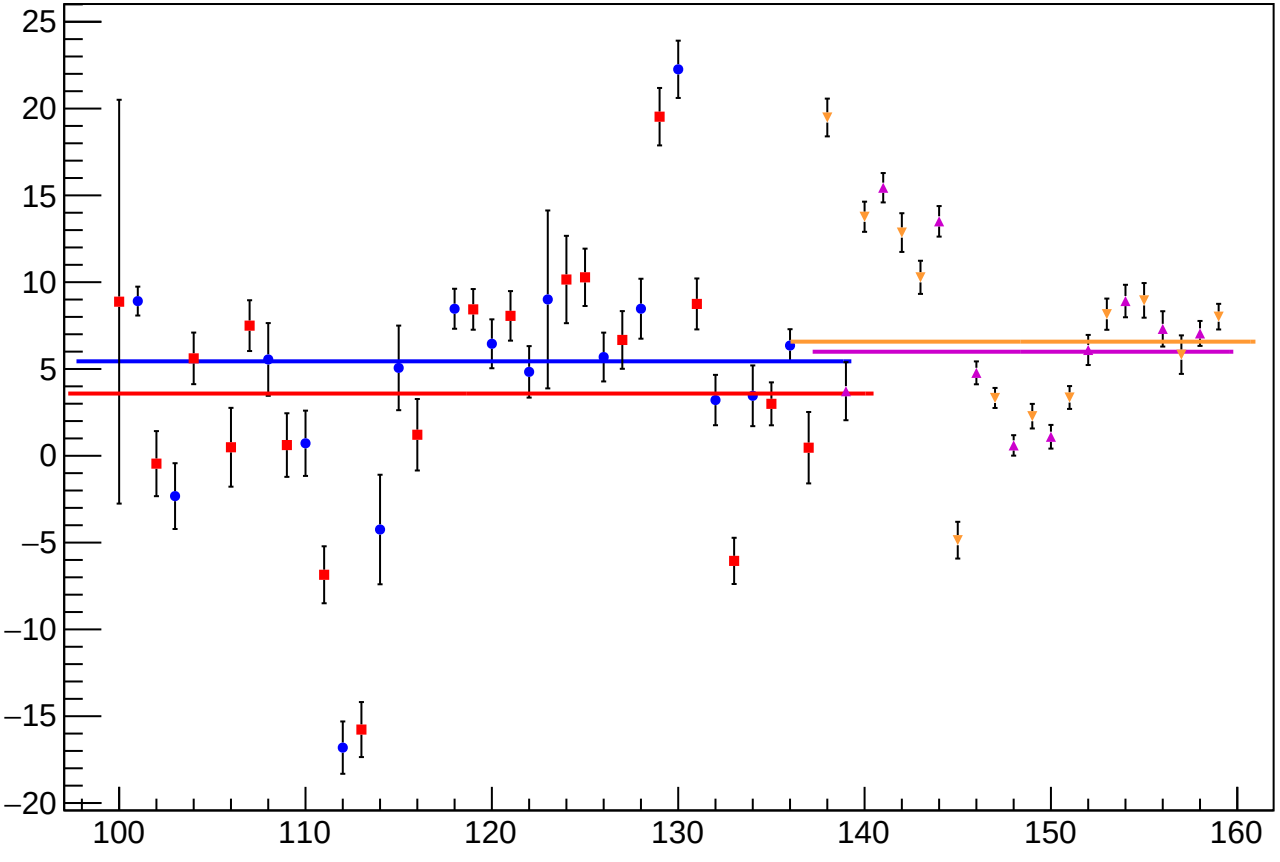
Left In: 65.996+/-0.303 χ^2/NDF:320.7/9

+ sign 67.216+/-0.262 χ^2/NDF: 3237.6/28

All: 68.229+/-0.188 χ^2/NDF: 5733.4/57

- sign 69.300+/-0.270 χ^2/NDF: 2465.1/28

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 6.575+/-0.241 χ^2/NDF:478.2/11

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

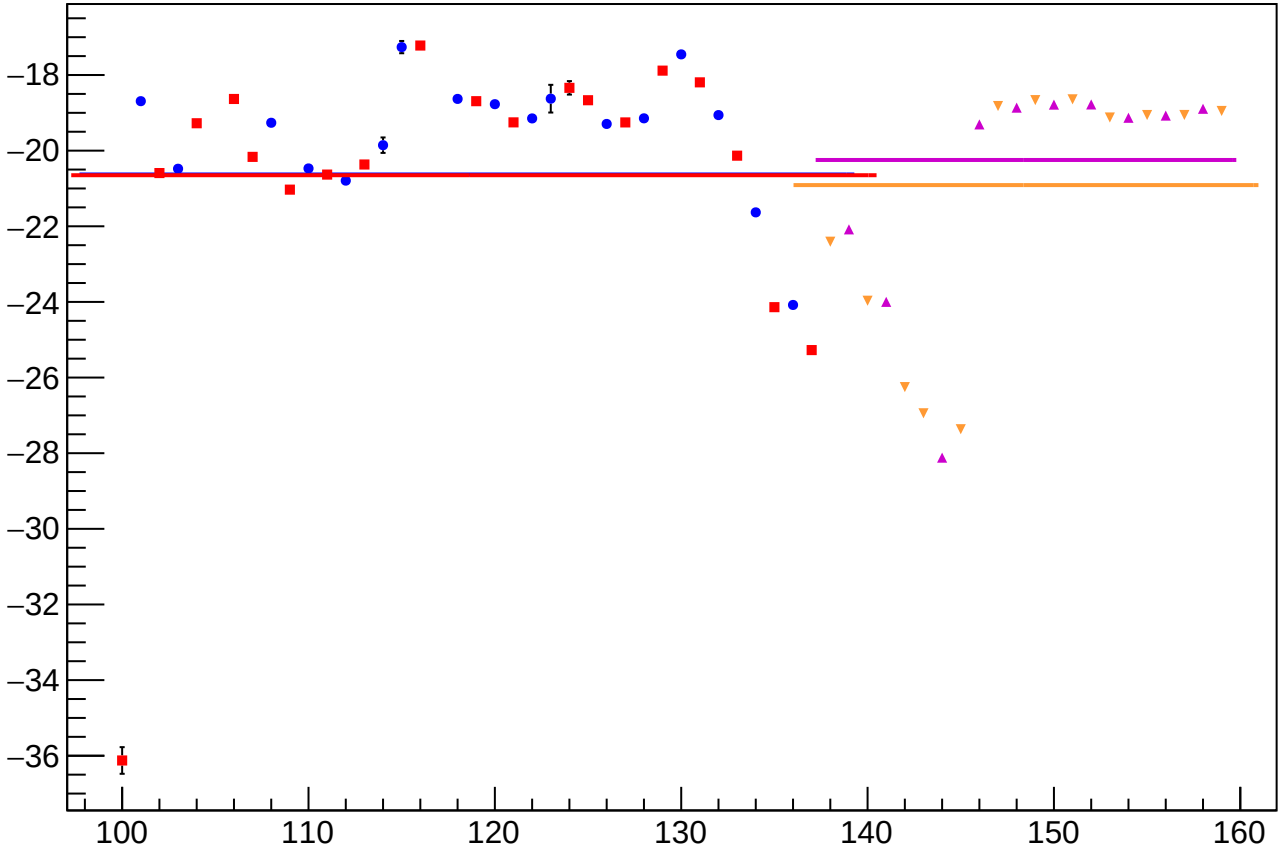
Left In: 5.994+/-0.252 χ^2/NDF:351.8/9

+ sign 6.220+/-0.200 χ^2/NDF: 872.5/28

All: 5.754+/-0.145 χ^2/NDF: 1687.3/57

- sign 5.245+/-0.209 χ^2/NDF: 803.4/28

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -20.911+/-0.012 χ^2/NDF:69650.5/11

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

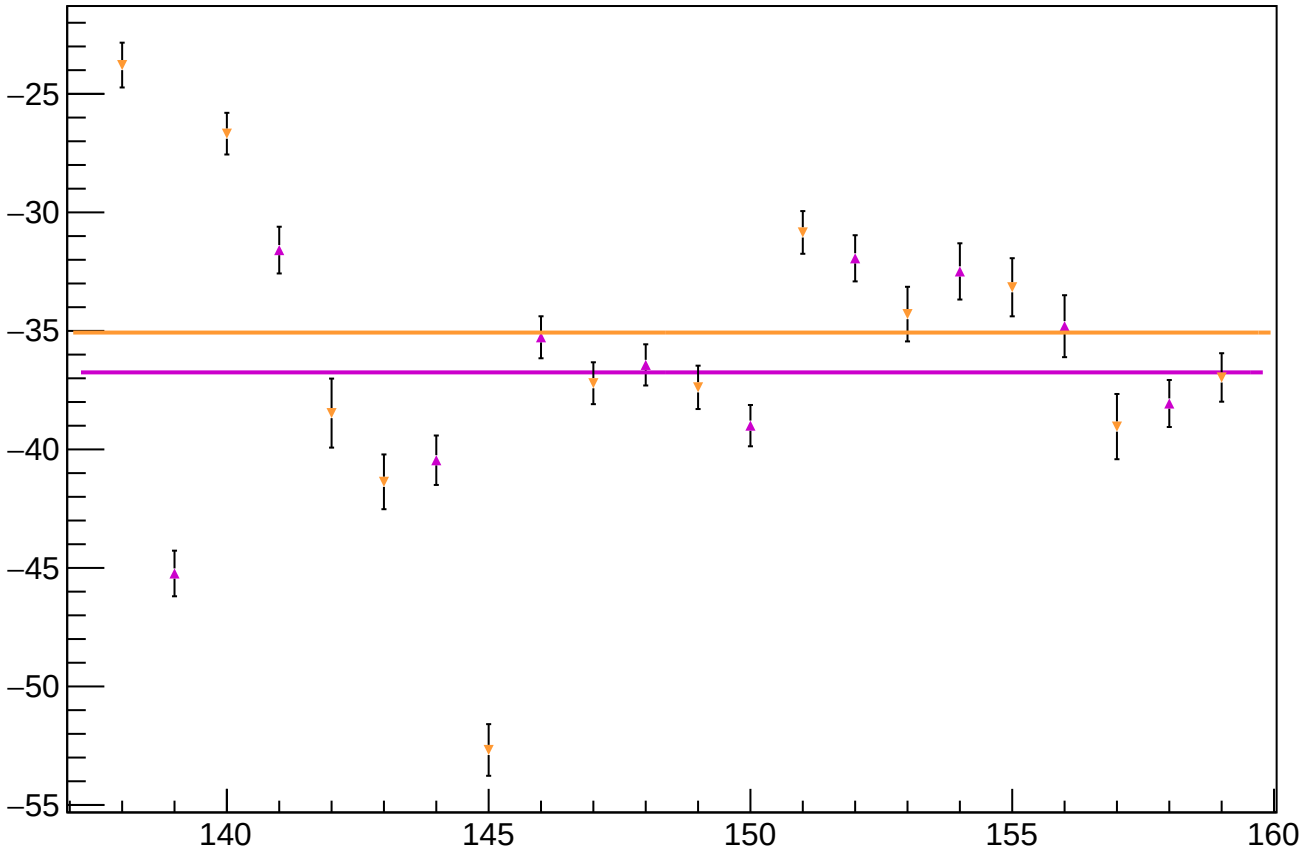
Left In: -20.247+/-0.012 χ^2/NDF:45250.5/9

+ sign -20.835+/-0.010 χ^2/NDF: 82295.1/28

All: -20.600+/-0.007 χ^2/NDF: 142853.1/57

- sign -20.358+/-0.010 χ^2/NDF: 59447.8/28

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.070+/-0.300 χ^2/NDF:578.9/11

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

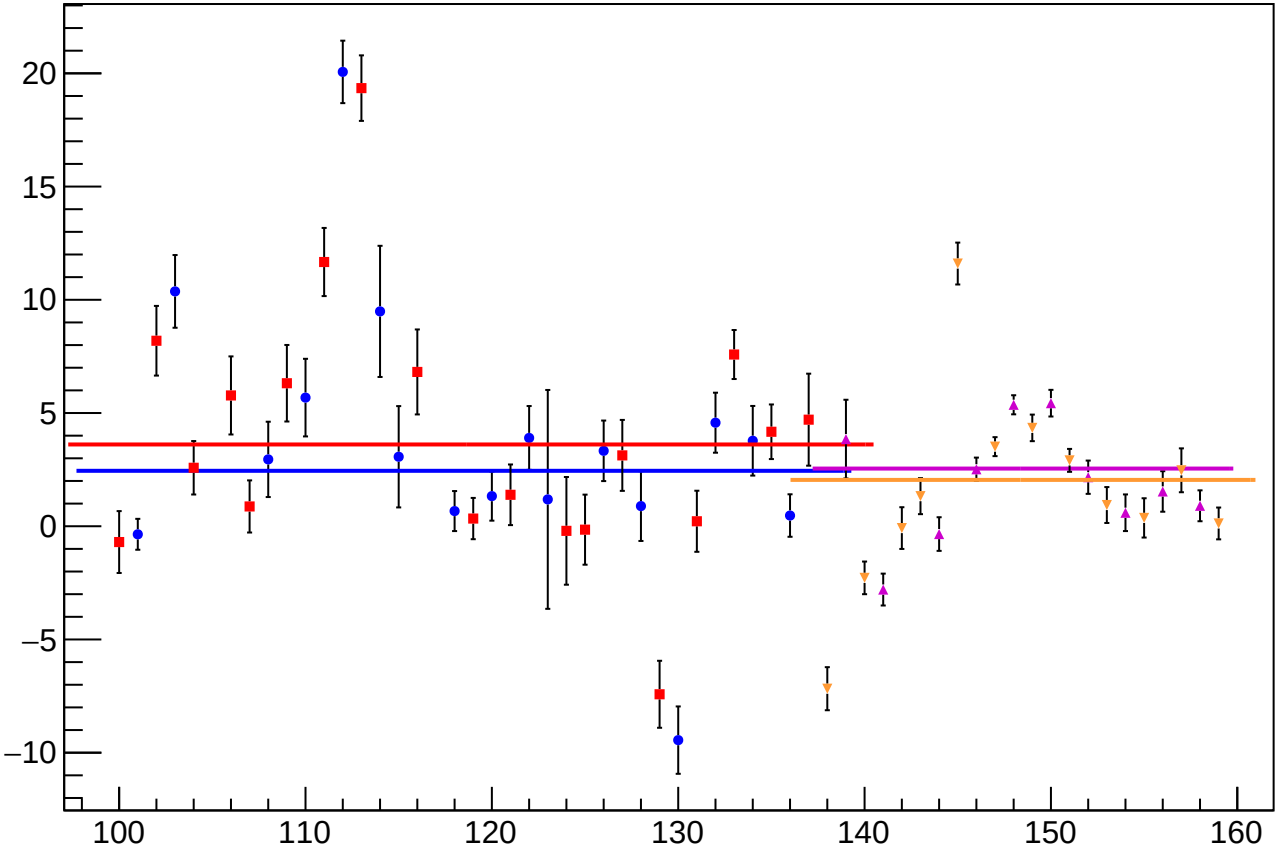
Left In: -36.750+/-0.311 χ^2/NDF:168.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.880+/-0.216 χ^2/NDF: 762.5/21

- 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: 2.046+/-0.198 χ^2/NDF:286.8/11

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

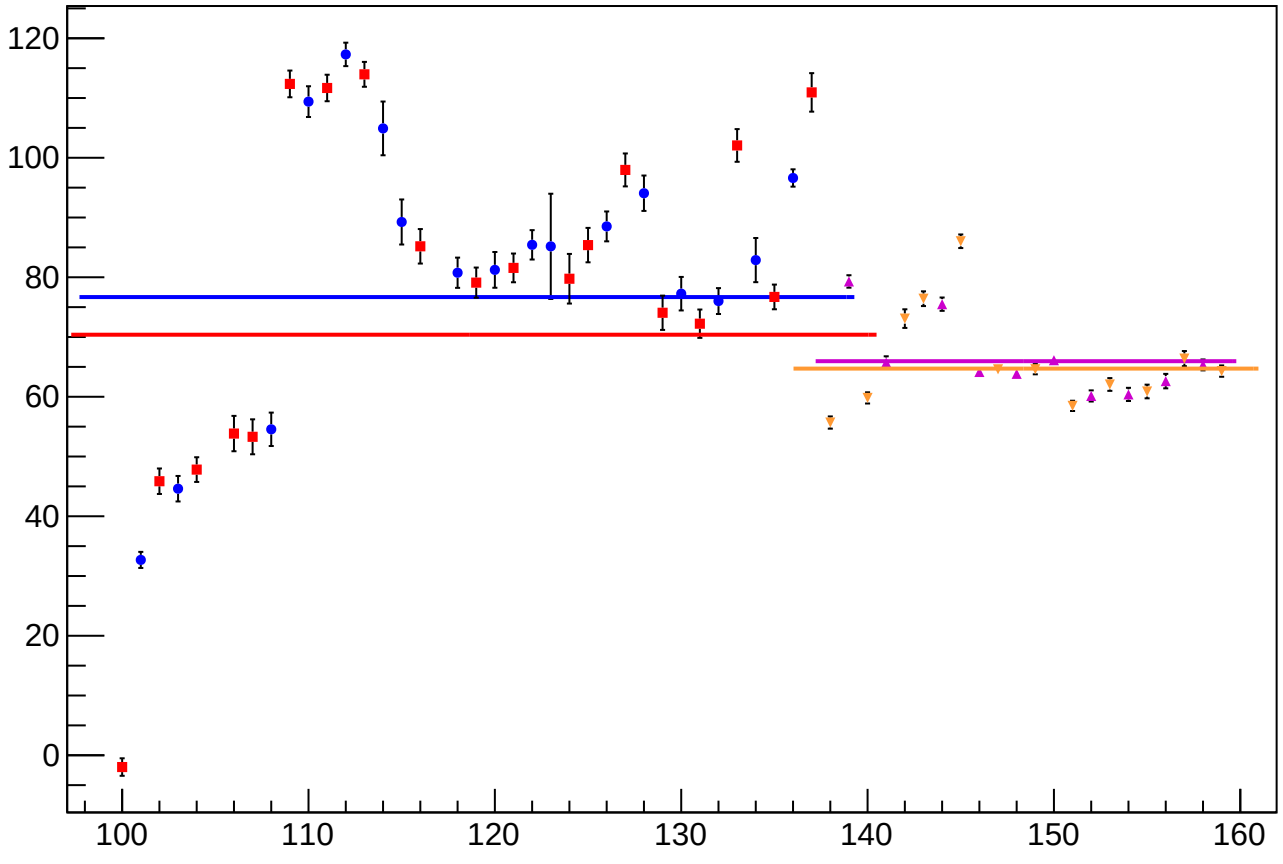
Left In: 2.547+/-0.208 χ^2/NDF:155.3/9

+ sign 2.162+/-0.167 χ^2/NDF: 581.4/28

All: 2.500+/-0.120 χ^2/NDF: 1032.4/57

- sign 2.864+/-0.174 χ^2/NDF: 442.5/28

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 64.714+/-0.295 χ^2/NDF:646.7/11

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

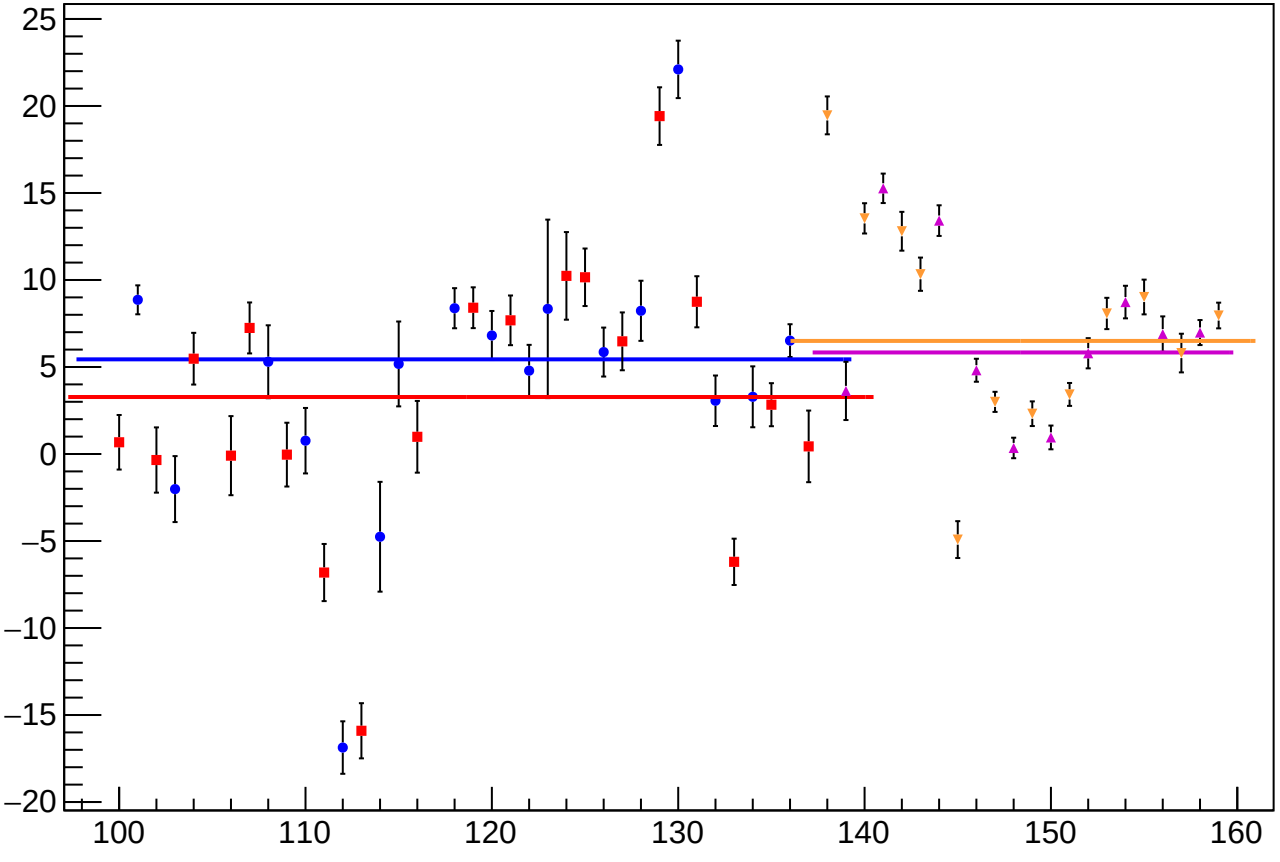
Left In: 65.955+/-0.303 χ^2/NDF:321.0/9

+ sign 67.217+/-0.262 χ^2/NDF: 3256.4/28

All: 67.104+/-0.187 χ^2/NDF: 8018.7/57

- sign 66.988+/-0.265 χ^2/NDF: 4761.9/28

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 6.498+/-0.242 χ^2/NDF:478.8/11

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

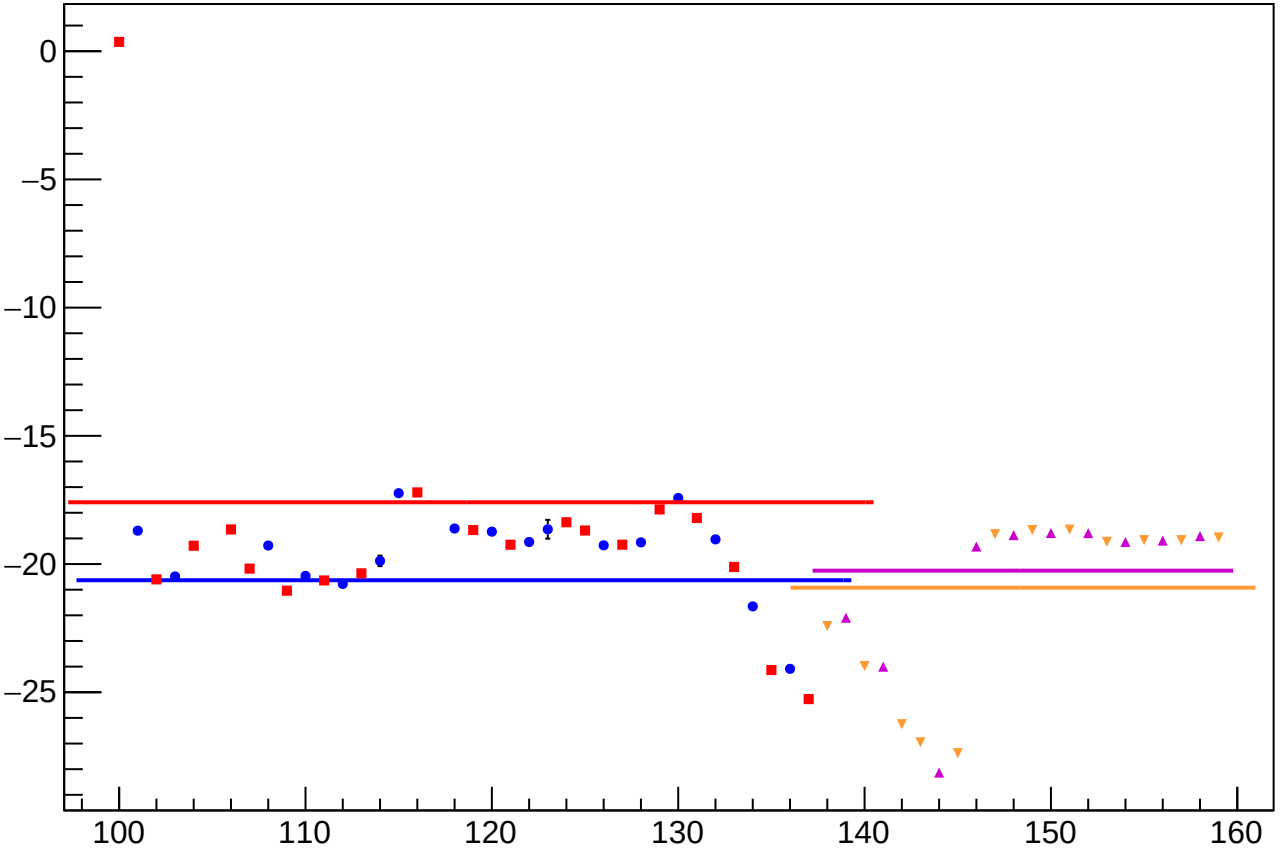
Left In: 5.835+/-0.252 χ^2/NDF:353.4/9

+ sign 6.166+/-0.200 χ^2/NDF: 870.8/28

All: 5.609+/-0.144 χ^2/NDF: 1699.3/57

- sign 5.009+/-0.208 χ^2/NDF: 812.4/28

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -20.921+/-0.012 χ^2/NDF:69484.0/11

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

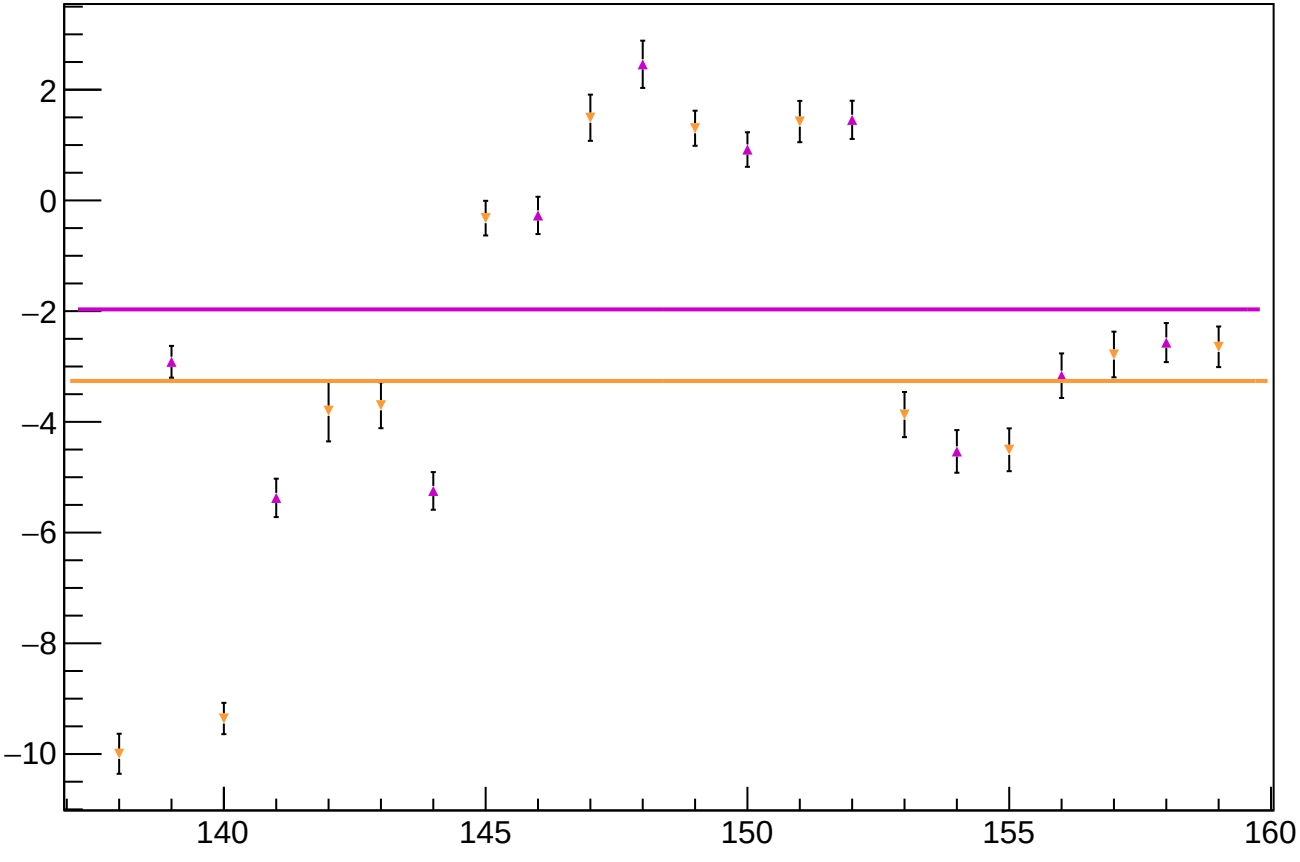
Left In: -20.258+/-0.012 χ^2/NDF:45181.2/9

+ sign -20.843+/-0.010 χ^2/NDF: 82179.3/28

All: -20.136+/-0.007 χ^2/NDF: 331050.0/57

- sign -19.439+/-0.010 χ^2/NDF: 239053.3/28

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.261+/-0.106 χ^2/NDF:1413.3/11

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

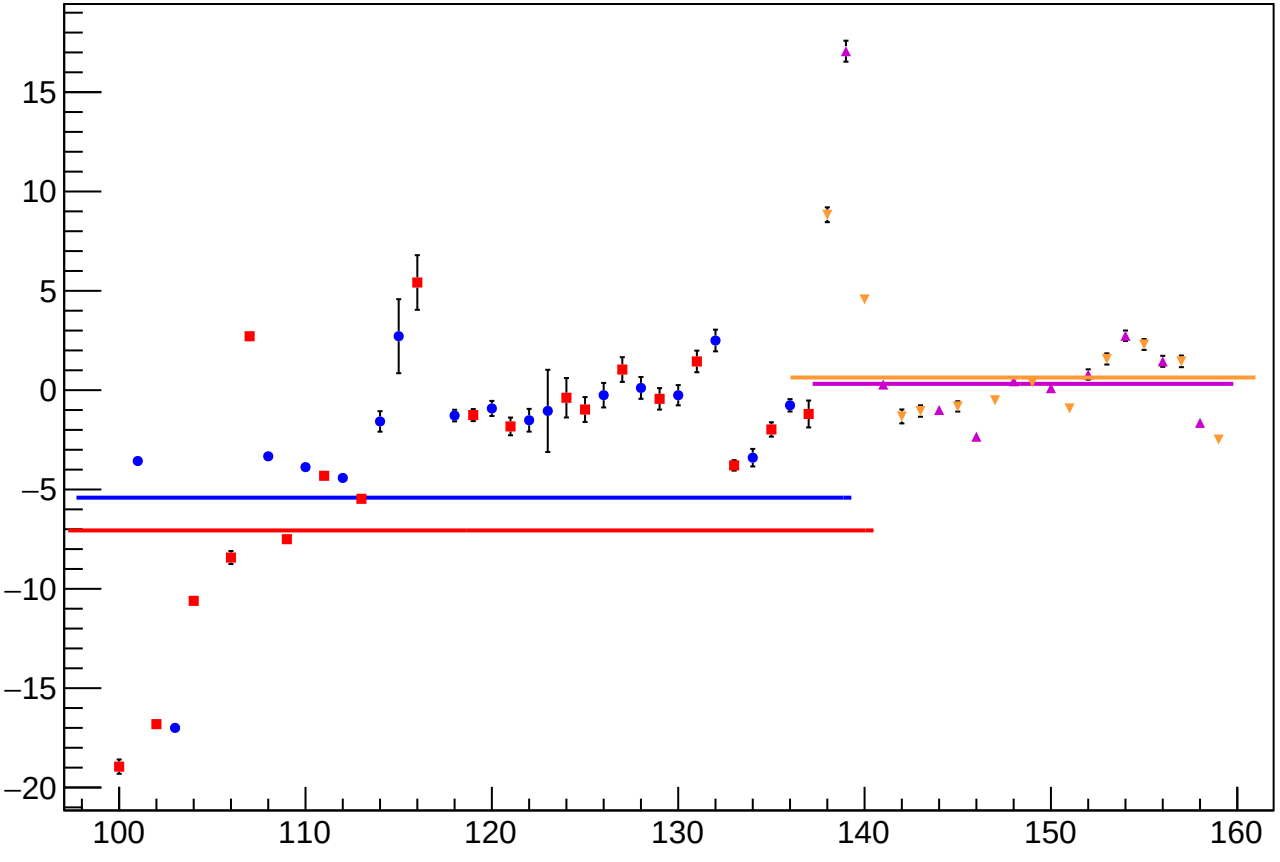
Left In: -1.968+/-0.110 χ^2/NDF:572.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.635+/-0.076 χ^2/NDF: 2057.7/21

- 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: 0.637+/-0.074 χ^2/NDF:1147.8/11

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

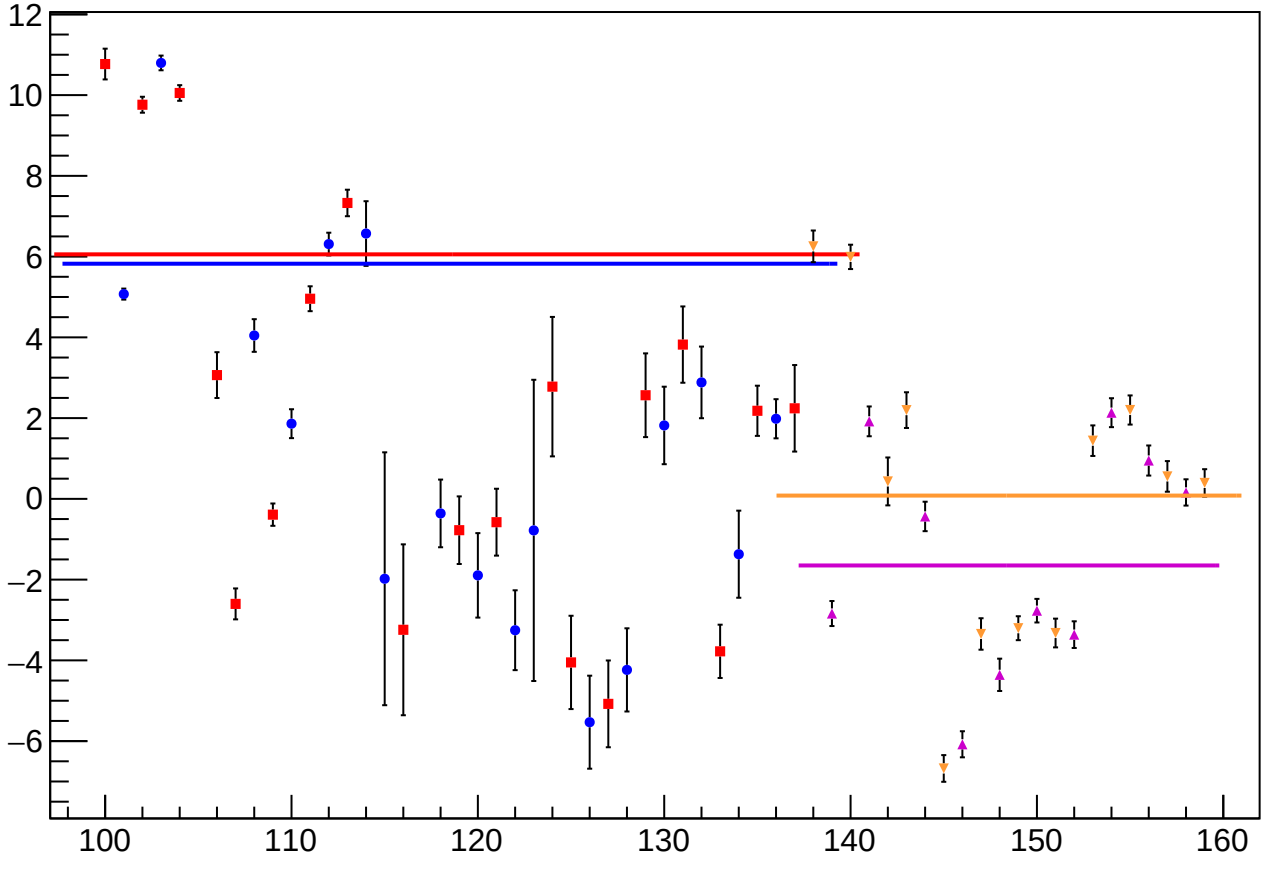
Left In: 0.318+/-0.079 χ^2/NDF:1357.1/9

+ sign -3.273+/-0.044 χ^2/NDF: 14725.0/28

All: -3.795+/-0.032 χ^2/NDF: 34354.5/57

- sign -4.395+/-0.047 χ^2/NDF: 19327.0/28

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 0.081+/-0.105 χ^2/NDF:1414.8/11

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

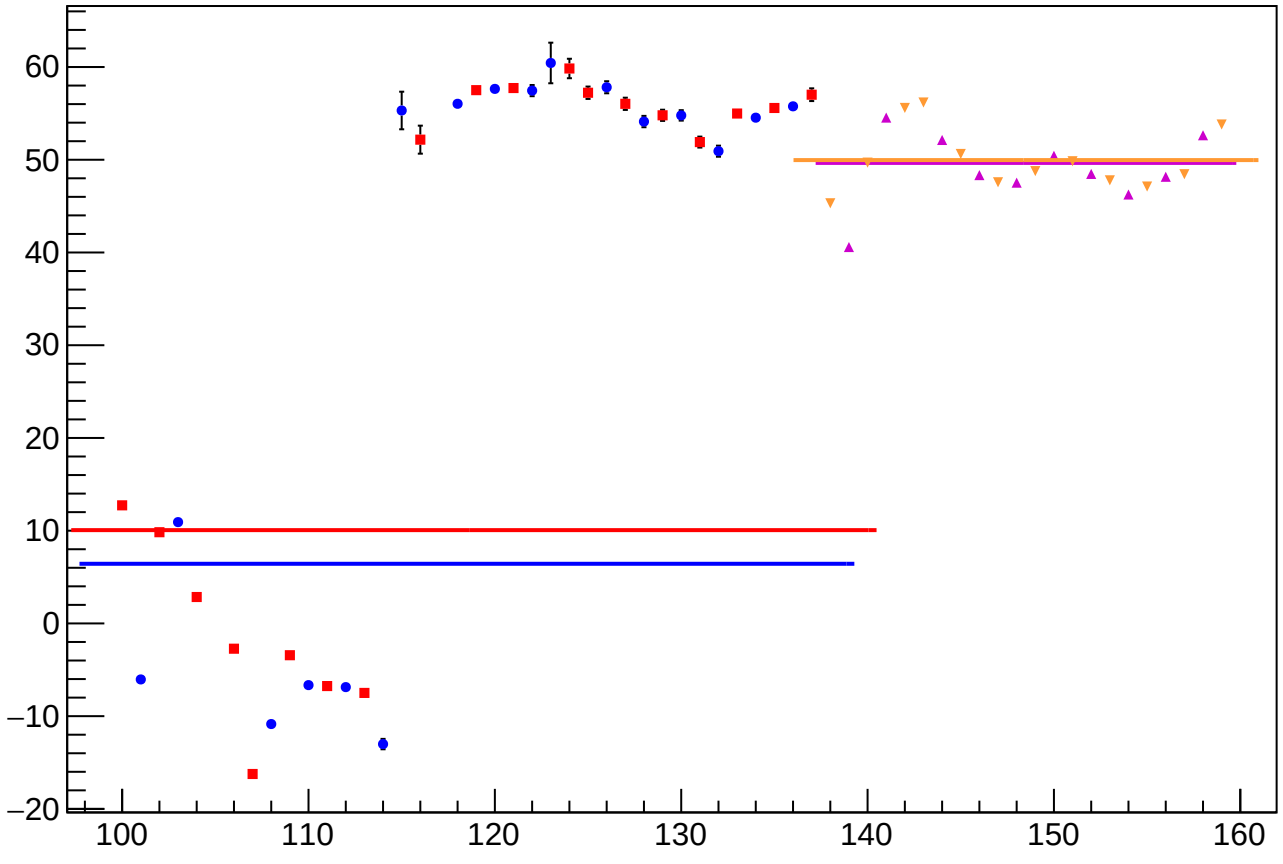
Left In: -1.650+/-0.108 χ^2/NDF:586.0/9

+ sign 3.405+/-0.068 χ^2/NDF: 4598.4/28

All: 3.087+/-0.049 χ^2/NDF: 10826.3/57

- sign 2.747+/-0.070 χ^2/NDF: 6183.0/28

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.963+/-0.088 χ^2/NDF:1086.0/11

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

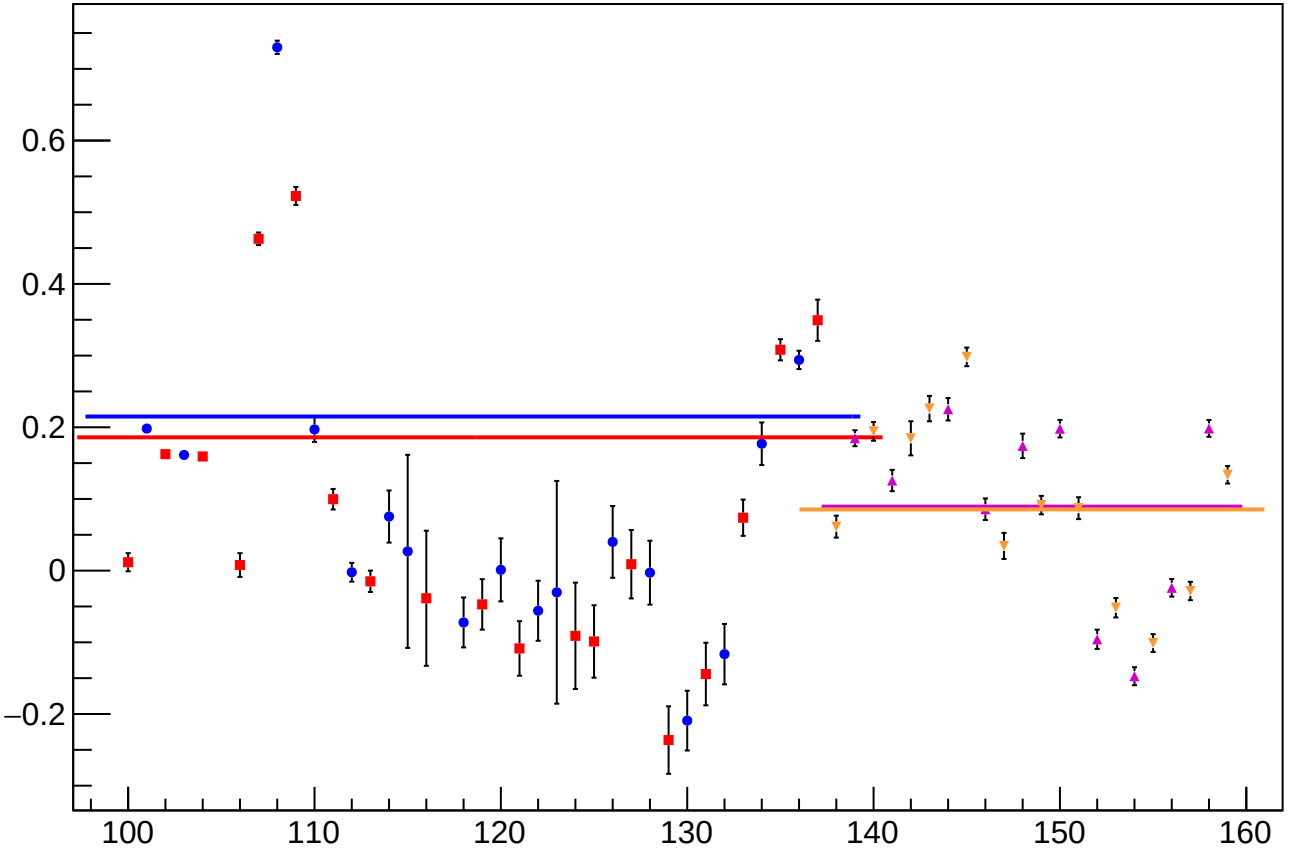
Left In: 49.660+/-0.093 χ^2/NDF:1043.3/9

+ sign 21.656+/-0.052 χ^2/NDF: 282891.8/28

All: 22.925+/-0.038 χ^2/NDF: 523545.2/57

- sign 24.373+/-0.056 χ^2/NDF: 239387.3/28

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.085+/-0.004 χ^2/NDF:852.6/11

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

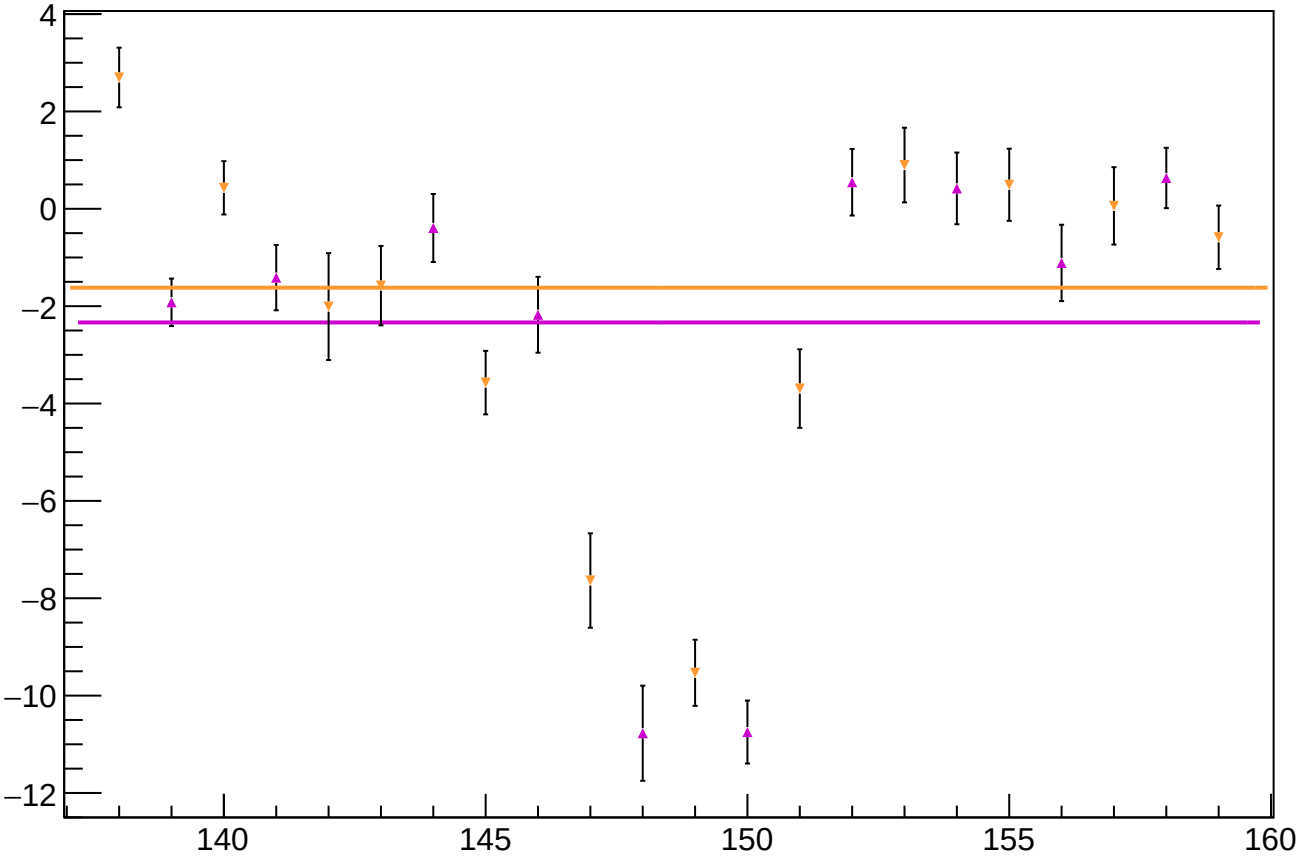
Left In: 0.089+/-0.004 χ^2/NDF:976.6/9

+ sign 0.175+/-0.002 χ^2/NDF: 5466.7/28

All: 0.166+/-0.002 χ^2/NDF: 9568.5/57

- sign 0.158+/-0.002 χ^2/NDF: 4074.6/28

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -1.620+/-0.209 χ^2/NDF:279.7/11

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

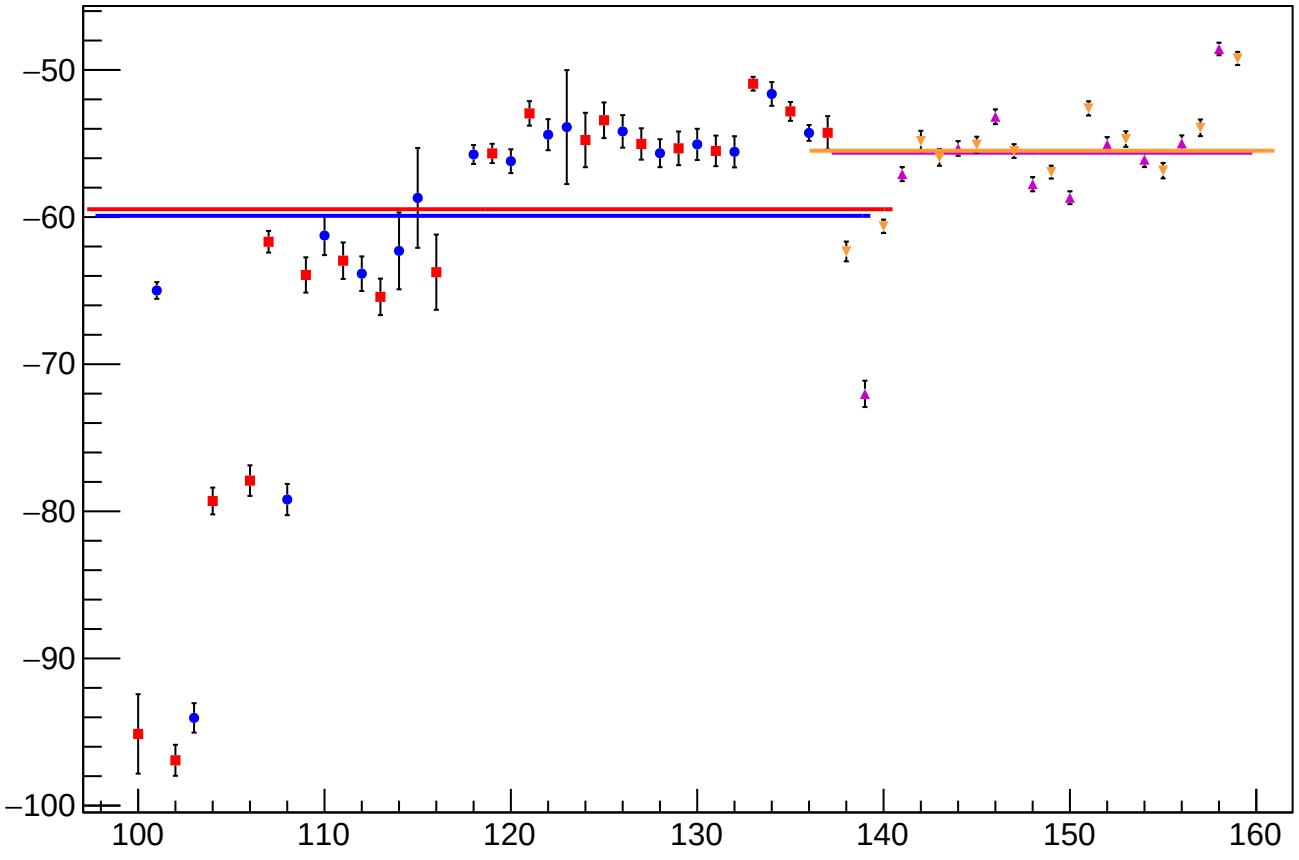
Left In: -2.335+/-0.214 χ^2/NDF:311.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.968+/-0.150 χ^2/NDF: 596.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -55.489+/-0.149 χ^2/NDF:488.5/11

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

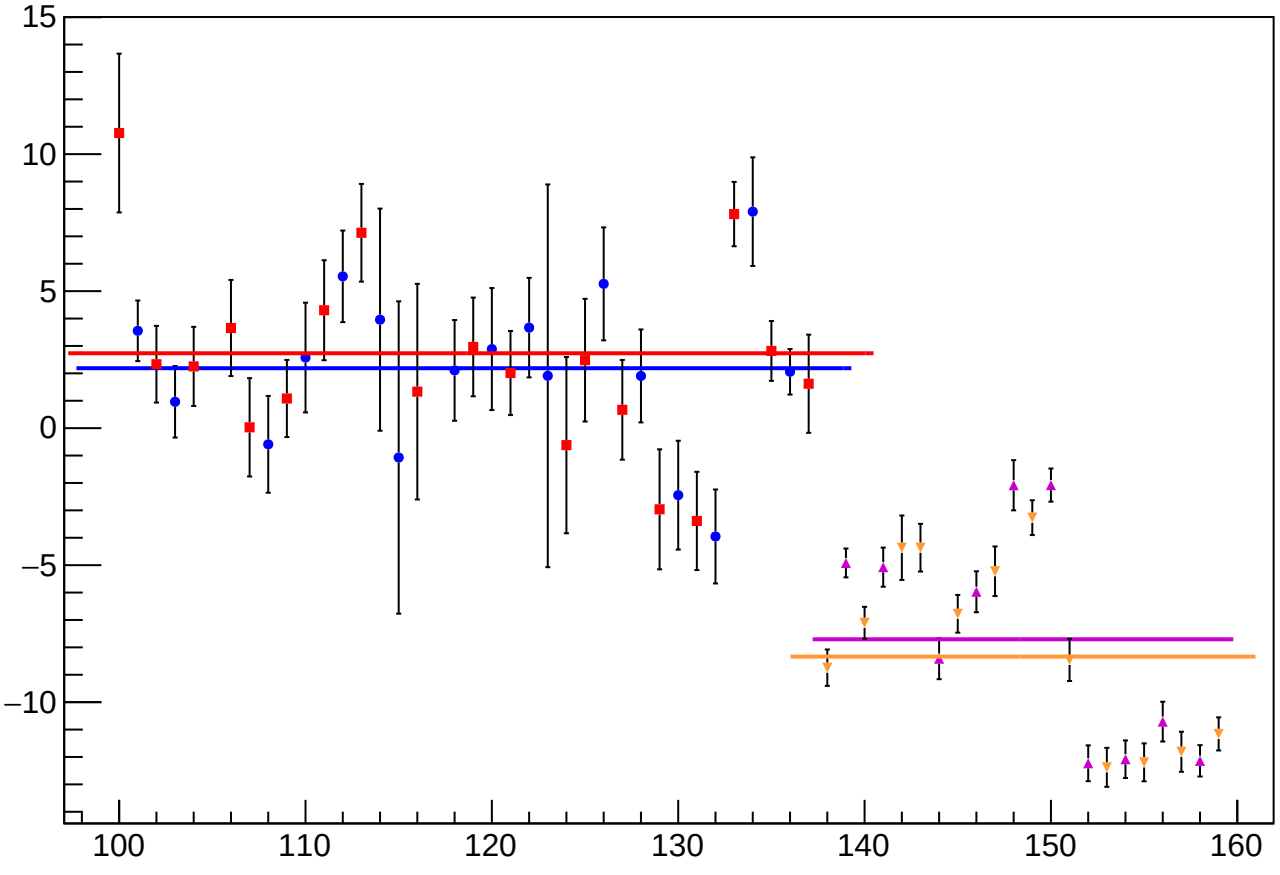
Left In: -55.625+/-0.159 χ^2/NDF:709.7/9

+ sign -56.861+/-0.124 χ^2/NDF: 2739.7/28

All: -56.934+/-0.089 χ^2/NDF: 6572.7/57

- sign -57.012+/-0.127 χ^2/NDF: 3832.2/28

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -8.337+/-0.207 χ^2/NDF:225.6/11

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

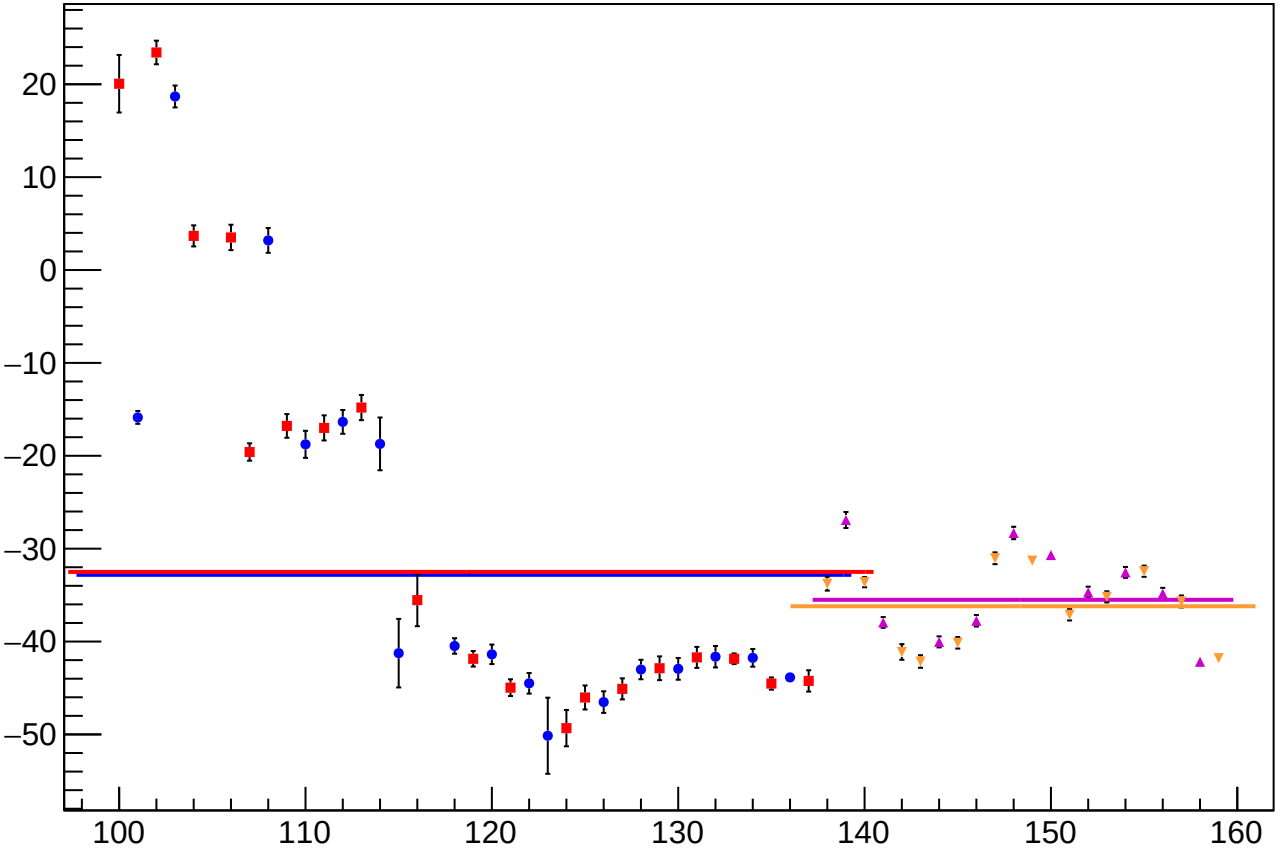
Left In: -7.705+/-0.211 χ^2/NDF:337.9/9

+ sign -6.155+/-0.184 χ^2/NDF: 802.4/28

All: -5.741+/-0.131 χ^2/NDF: 1768.9/57

- sign -5.321+/-0.185 χ^2/NDF: 956.3/28

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -36.200+/-0.176 χ^2/NDF:520.4/11

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

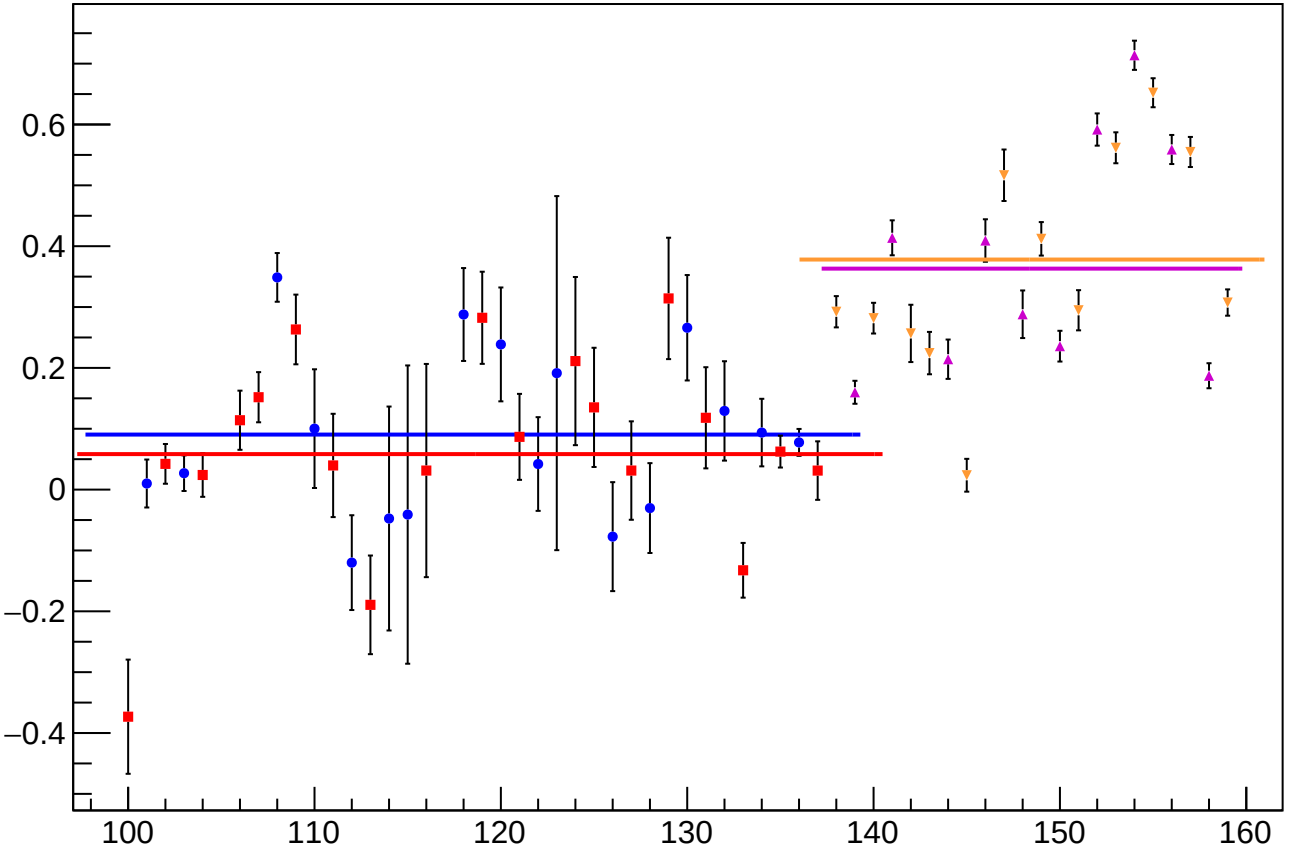
Left In: -35.505+/-0.185 χ^2/NDF:640.4/9

+ sign -35.103+/-0.145 χ^2/NDF: 5306.9/28

All: -34.761+/-0.103 χ^2/NDF: 12092.7/57

- sign -34.404+/-0.148 χ^2/NDF: 6774.3/28

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.378+/-0.008 χ^2/NDF:489.4/11

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

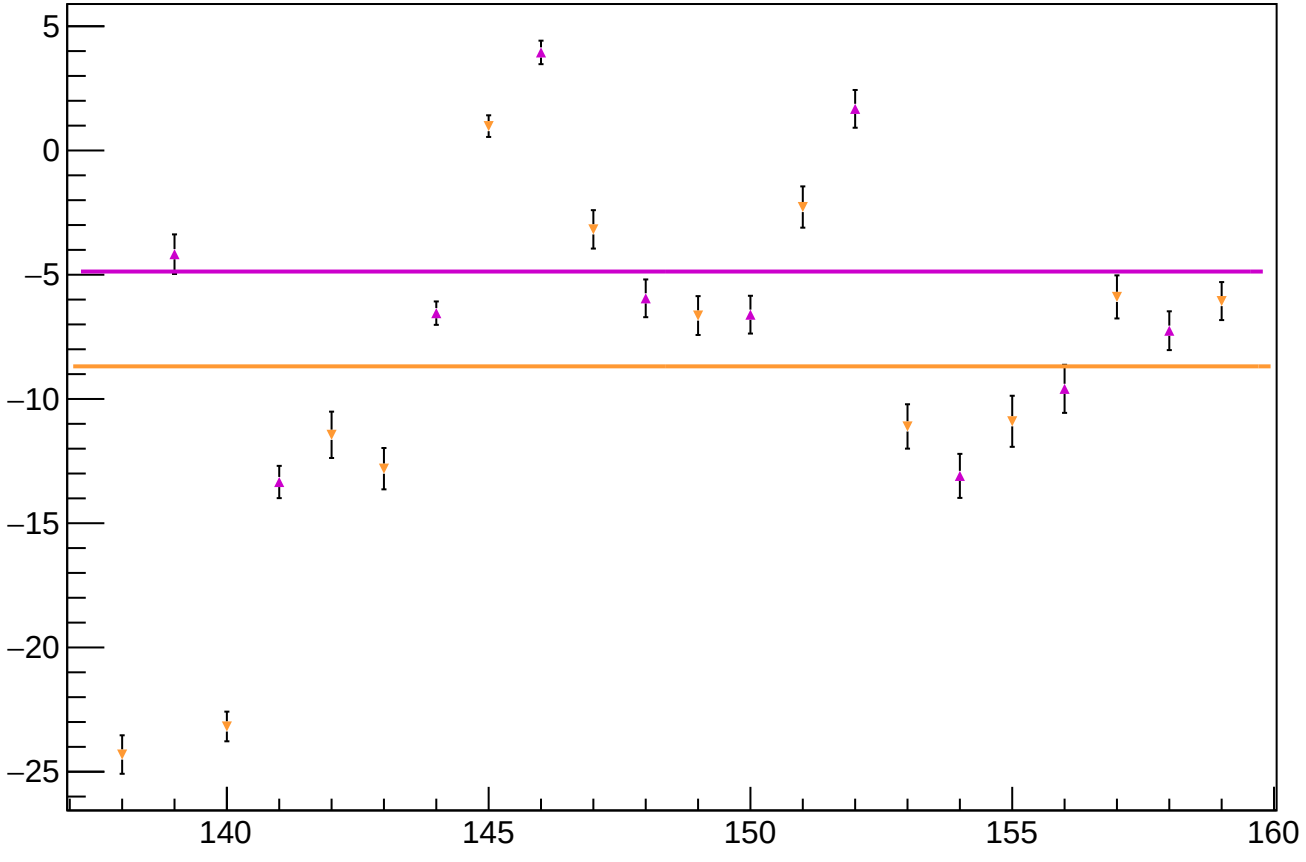
Left In: 0.363+/-0.008 χ^2/NDF:599.5/9

+ sign 0.296+/-0.007 χ^2/NDF: 935.0/28

All: 0.283+/-0.005 χ^2/NDF: 2066.3/57

- sign 0.270+/-0.007 χ^2/NDF: 1123.2/28

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.687+/-0.212 χ^2/NDF:1672.8/11

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

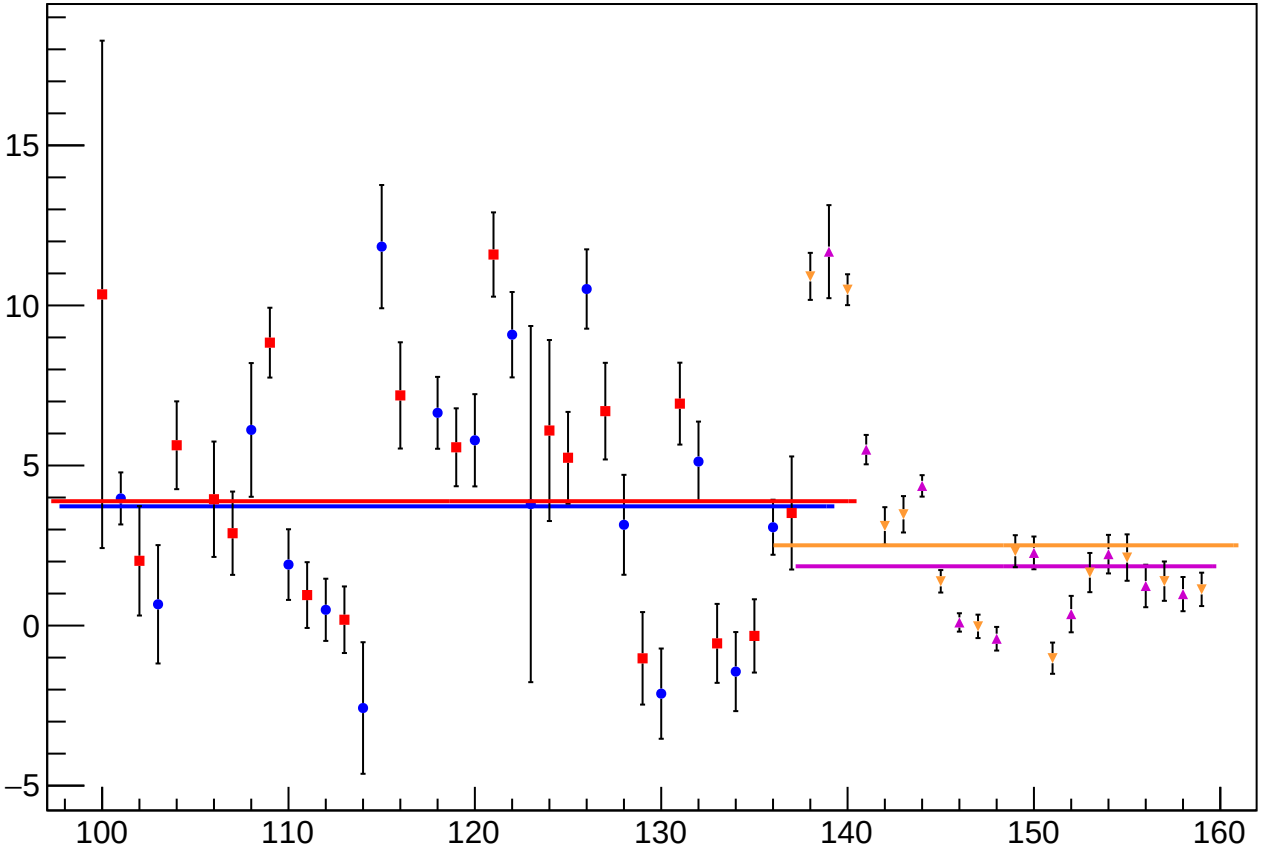
Left In: -4.872+/-0.213 χ^2/NDF:732.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.789+/-0.150 χ^2/NDF: 2567.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 2.507+/-0.146 χ^2/NDF:531.7/11

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

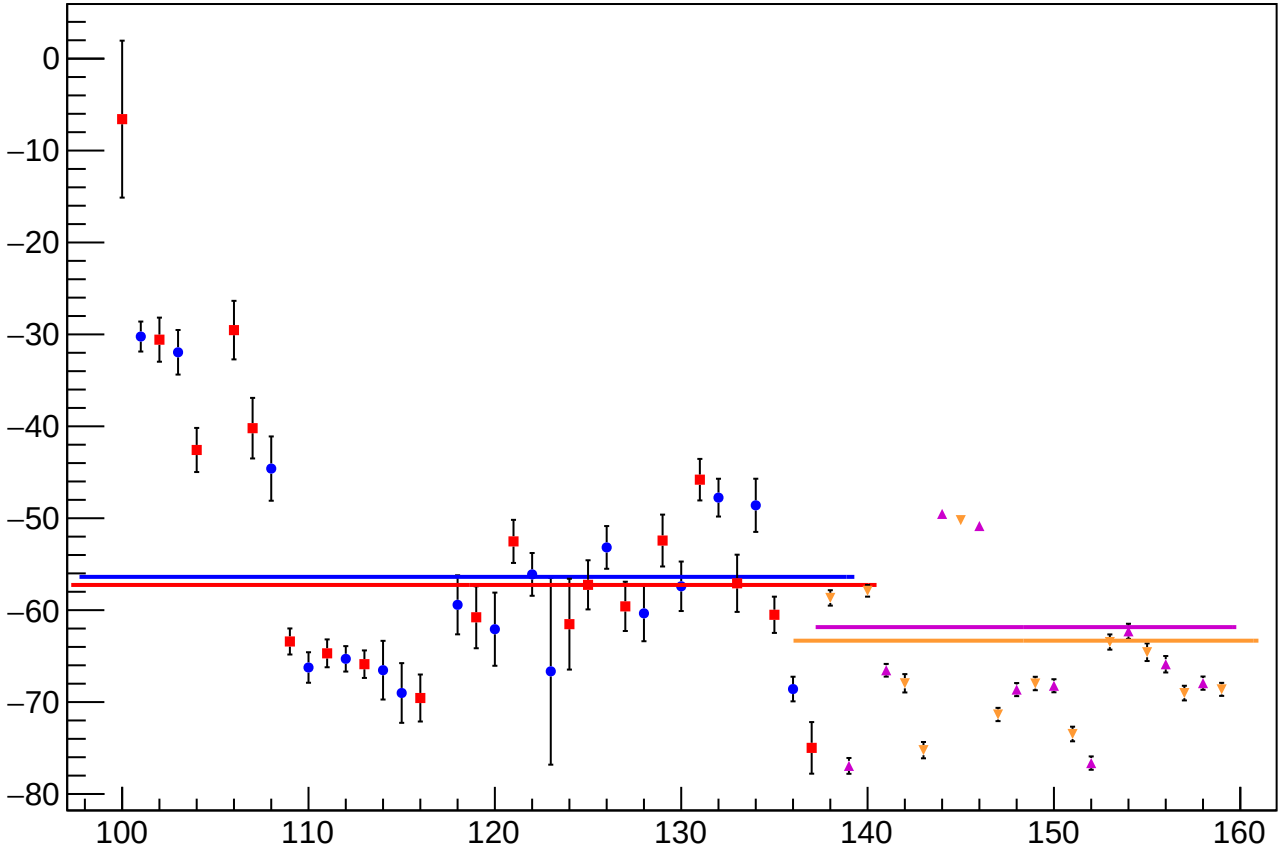
Left In: 1.852+/-0.143 χ^2/NDF:251.3/9

+ sign 2.730+/-0.132 χ^2/NDF: 681.1/28

All: 2.459+/-0.093 χ^2/NDF: 1109.4/57

- sign 2.196+/-0.130 χ^2/NDF: 420.0/28

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -63.321+/-0.212 χ^2/NDF:1540.4/11

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

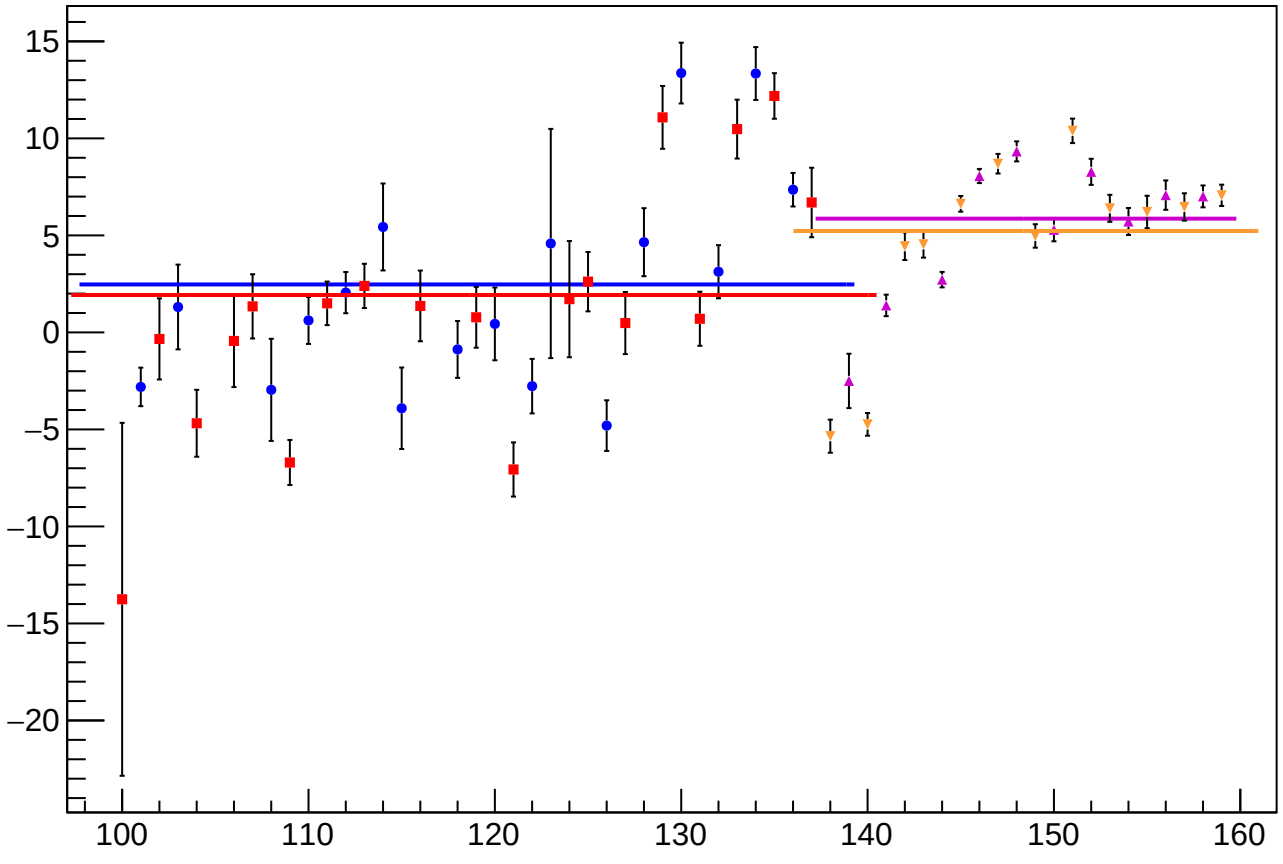
Left In: -61.844+/-0.210 χ^2/NDF:2214.4/9

+ sign -62.401+/-0.197 χ^2/NDF: 2270.1/28

All: -61.812+/-0.139 χ^2/NDF: 5041.7/57

- sign -61.235+/-0.195 χ^2/NDF: 2754.0/28

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 5.227+/-0.175 χ^2/NDF:591.6/11

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

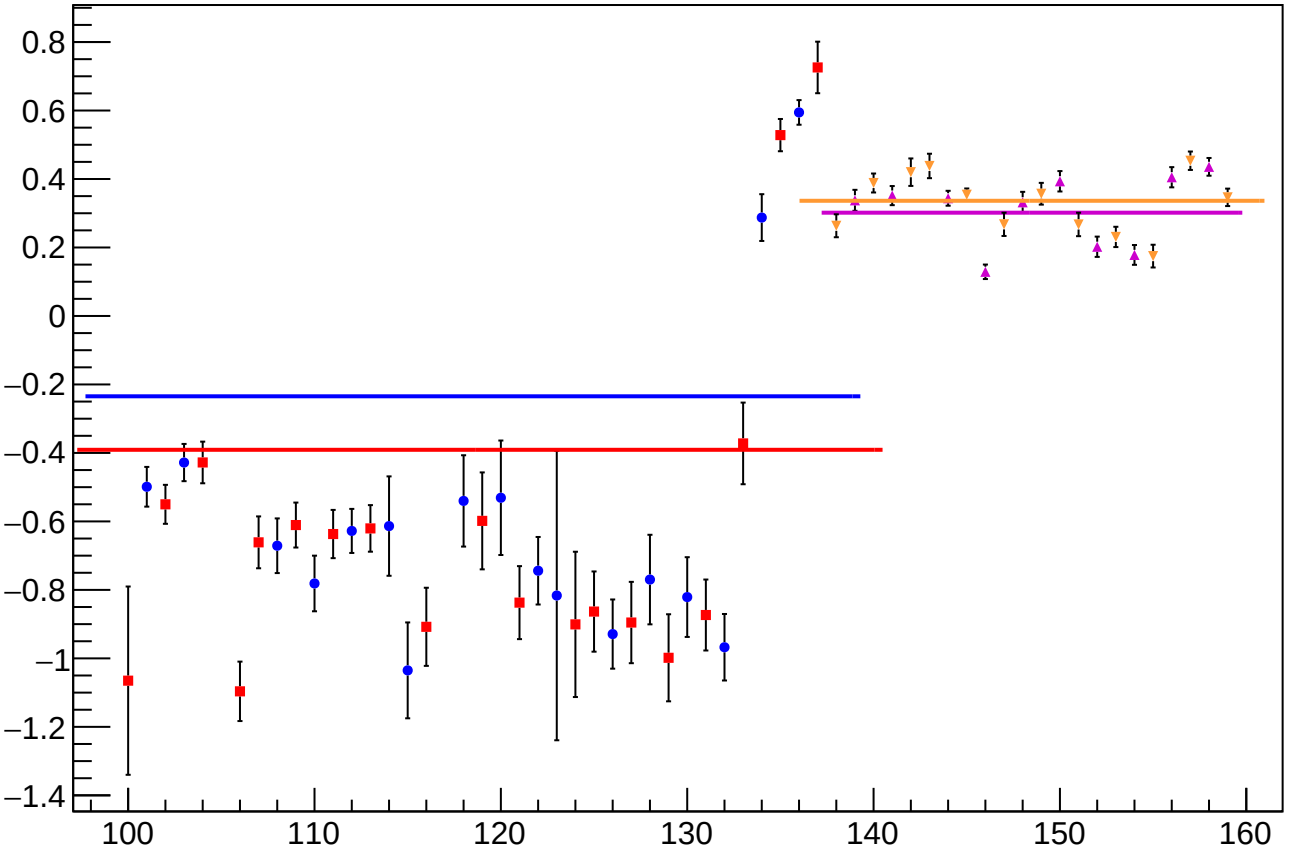
Left In: 5.863+/-0.173 χ^2/NDF:265.0/9

+ sign 4.662+/-0.156 χ^2/NDF: 885.7/28

All: 4.885+/-0.110 χ^2/NDF: 1520.7/57

- sign 5.106+/-0.156 χ^2/NDF: 631.0/28

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.336+/-0.008 χ^2/NDF:85.7/11

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

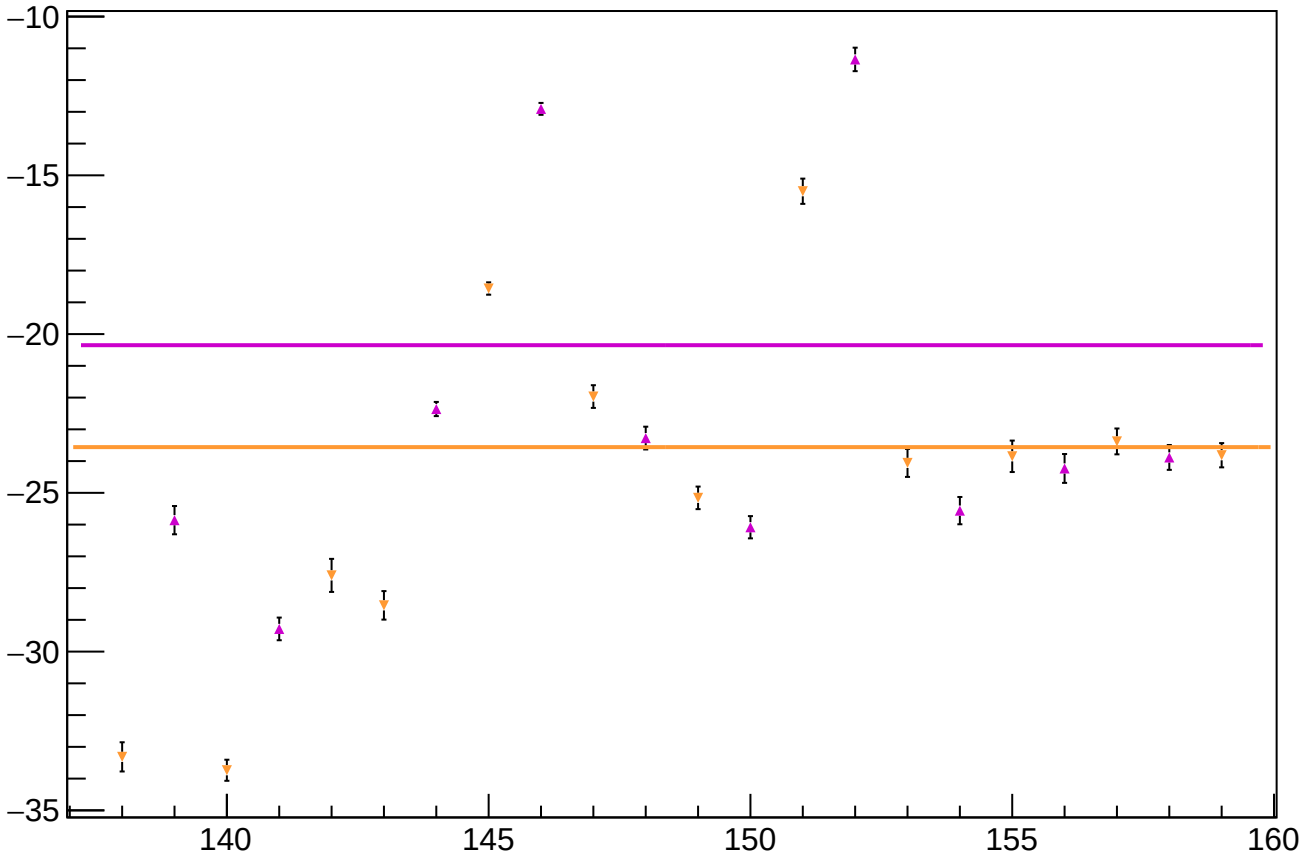
Left In: 0.302+/-0.008 χ^2/NDF:153.9/9

+ sign 0.243+/-0.008 χ^2/NDF: 1809.4/28

All: 0.215+/-0.005 χ^2/NDF: 3955.2/57

- sign 0.186+/-0.008 χ^2/NDF: 2118.5/28

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.560+/-0.104 χ^2/NDF:2683.5/11

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

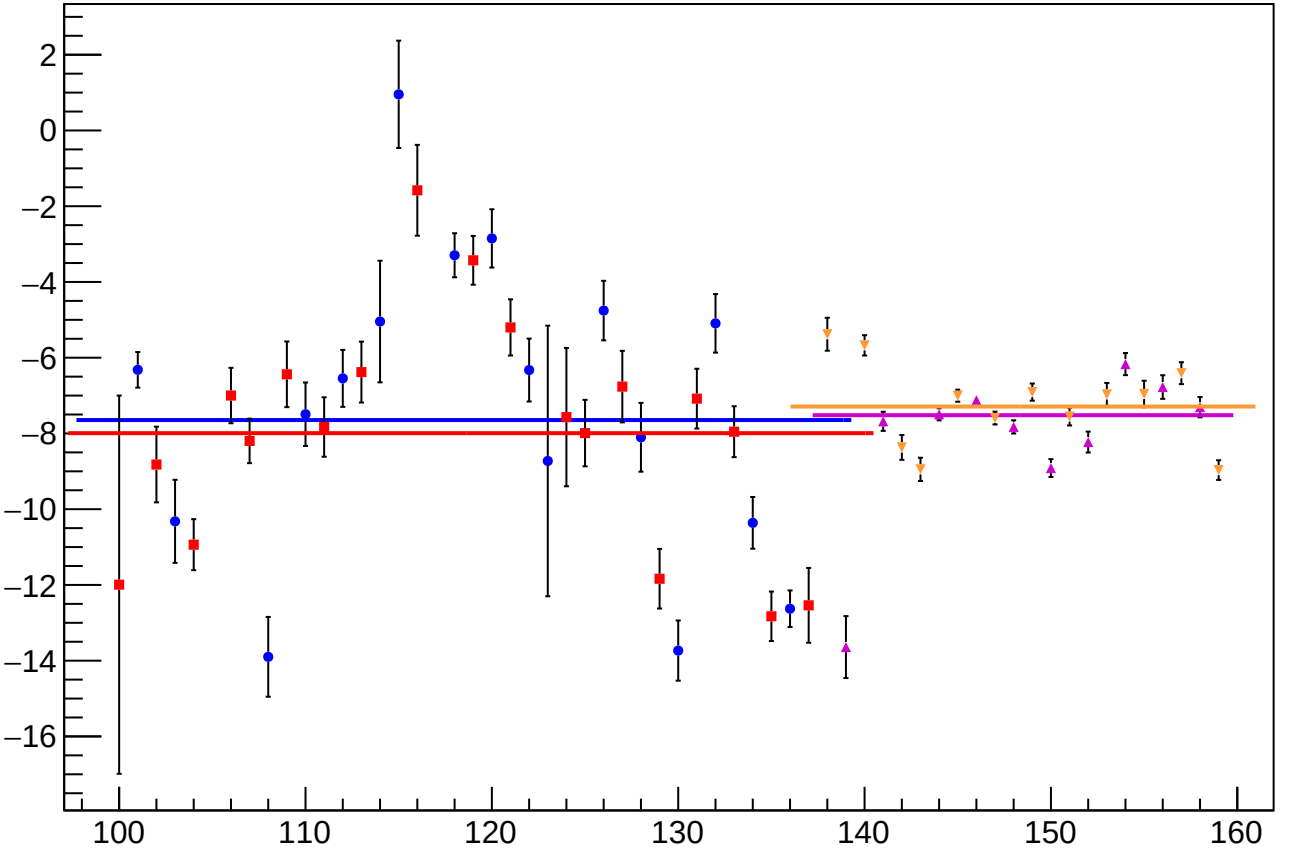
Left In: -20.350+/-0.099 χ^2/NDF:3666.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.885+/-0.072 χ^2/NDF: 6849.4/21

- 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: -7.289+/-0.071 χ^2/NDF:159.2/11

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

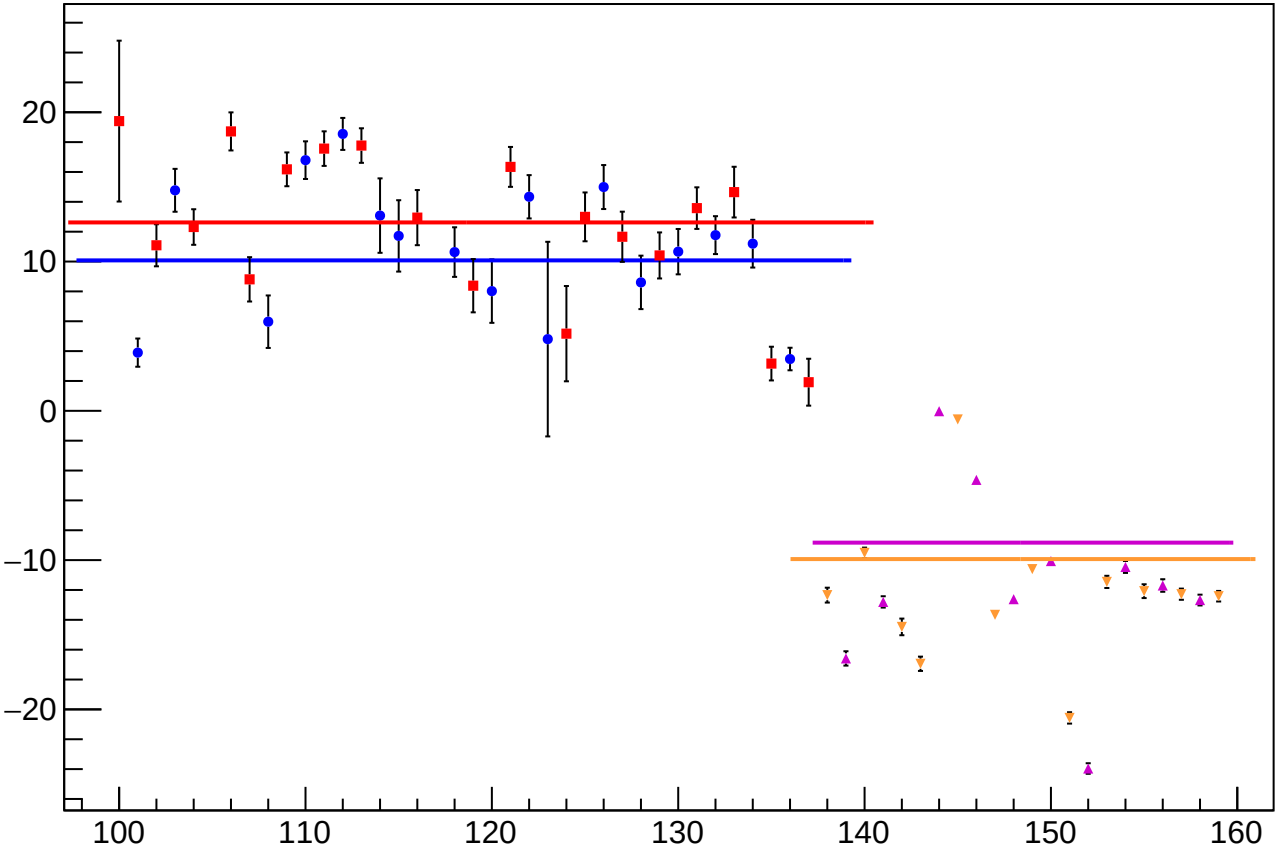
Left In: -7.518+/-0.066 χ^2/NDF:140.4/9

+ sign -7.335+/-0.067 χ^2/NDF: 556.0/28

All: -7.461+/-0.045 χ^2/NDF: 934.4/57

- sign -7.571+/-0.062 χ^2/NDF: 371.7/28

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -9.931+/-0.103 χ^2/NDF:3401.9/11

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

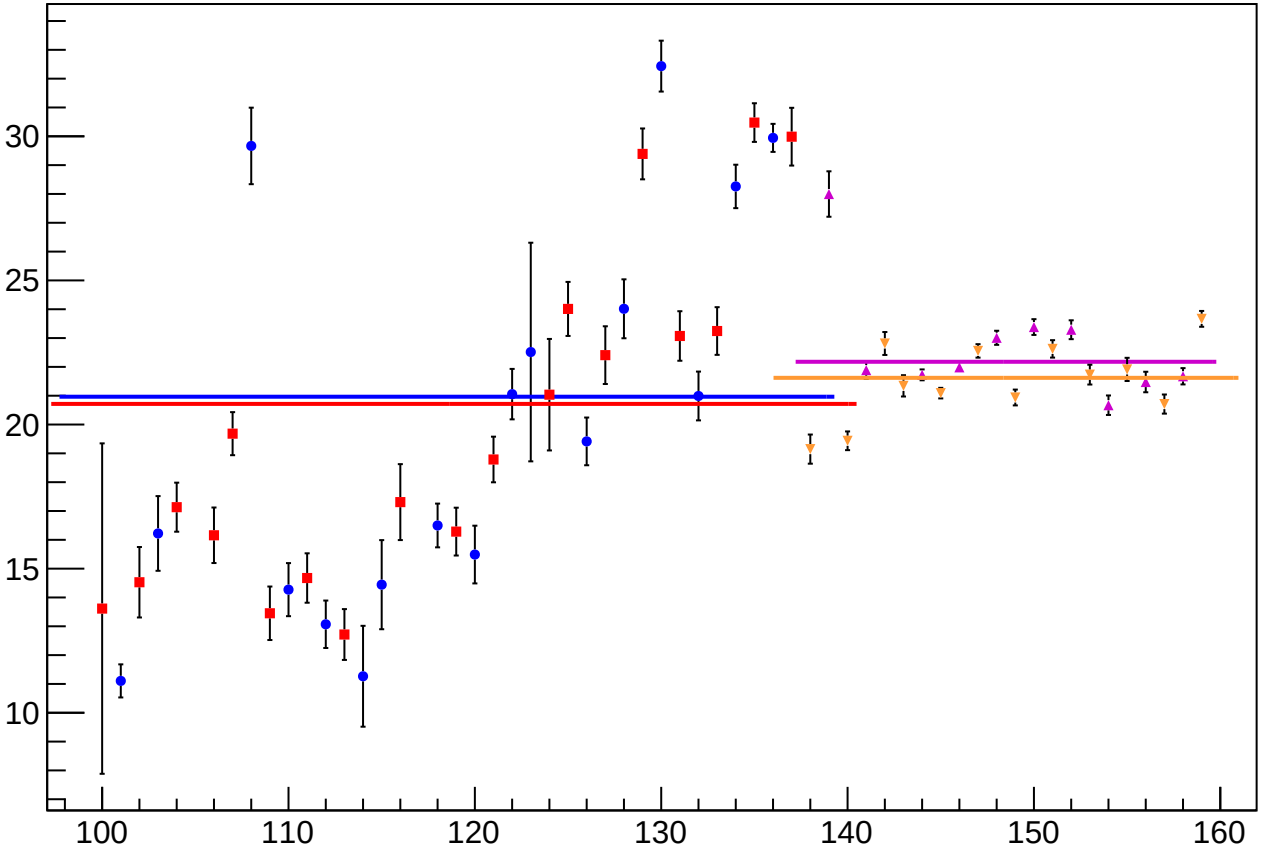
Left In: -8.830+/-0.097 χ^2/NDF:4410.3/9

+ sign -8.213+/-0.099 χ^2/NDF: 6881.2/28

All: -7.643+/-0.068 χ^2/NDF: 15408.3/57

- sign -7.131+/-0.094 χ^2/NDF: 8463.8/28

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 21.620+/-0.086 χ^2/NDF:184.0/11

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

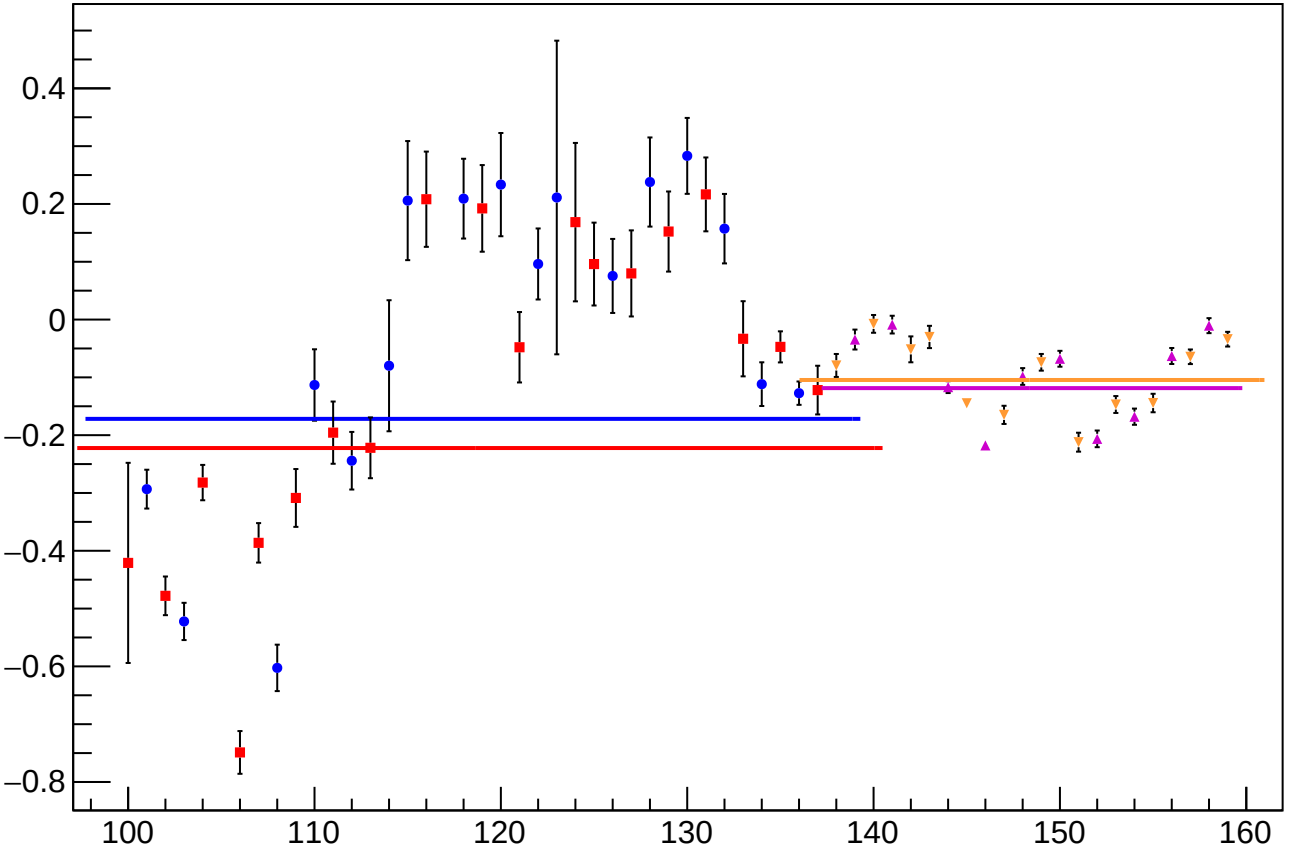
Left In: 22.177+/-0.080 χ^2/NDF:132.4/9

+ sign 21.526+/-0.079 χ^2/NDF: 1417.8/28

All: 21.773+/-0.055 χ^2/NDF: 2339.8/57

- sign 21.995+/-0.075 χ^2/NDF: 903.6/28

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.105+/-0.004 χ^2/NDF:204.5/11

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

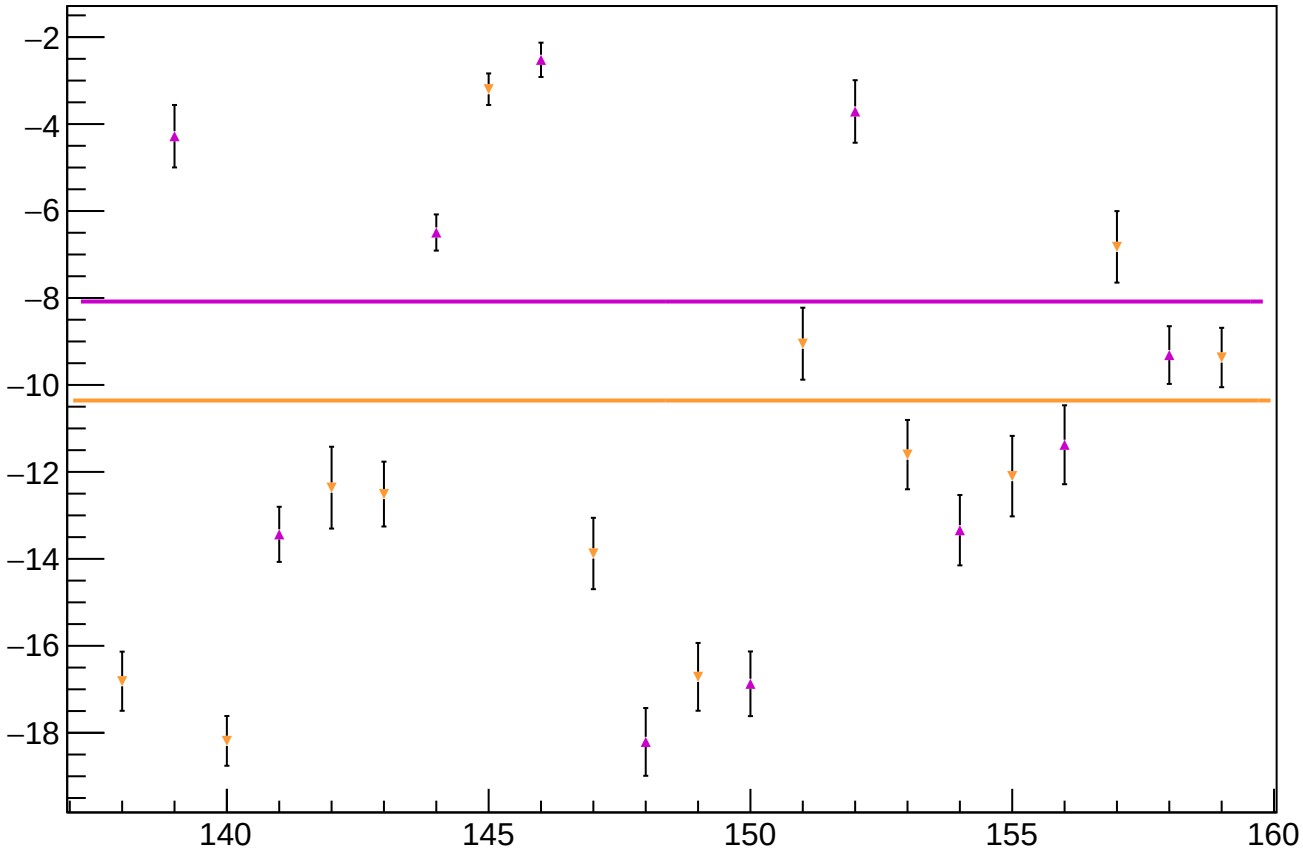
Left In: -0.119+/-0.004 χ^2/NDF:363.4/9

+ sign -0.112+/-0.004 χ^2/NDF: 700.6/28

All: -0.122+/-0.003 χ^2/NDF: 1691.1/57

- sign -0.131+/-0.004 χ^2/NDF: 978.7/28

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.358+/-0.194 χ^2/NDF:793.8/11

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

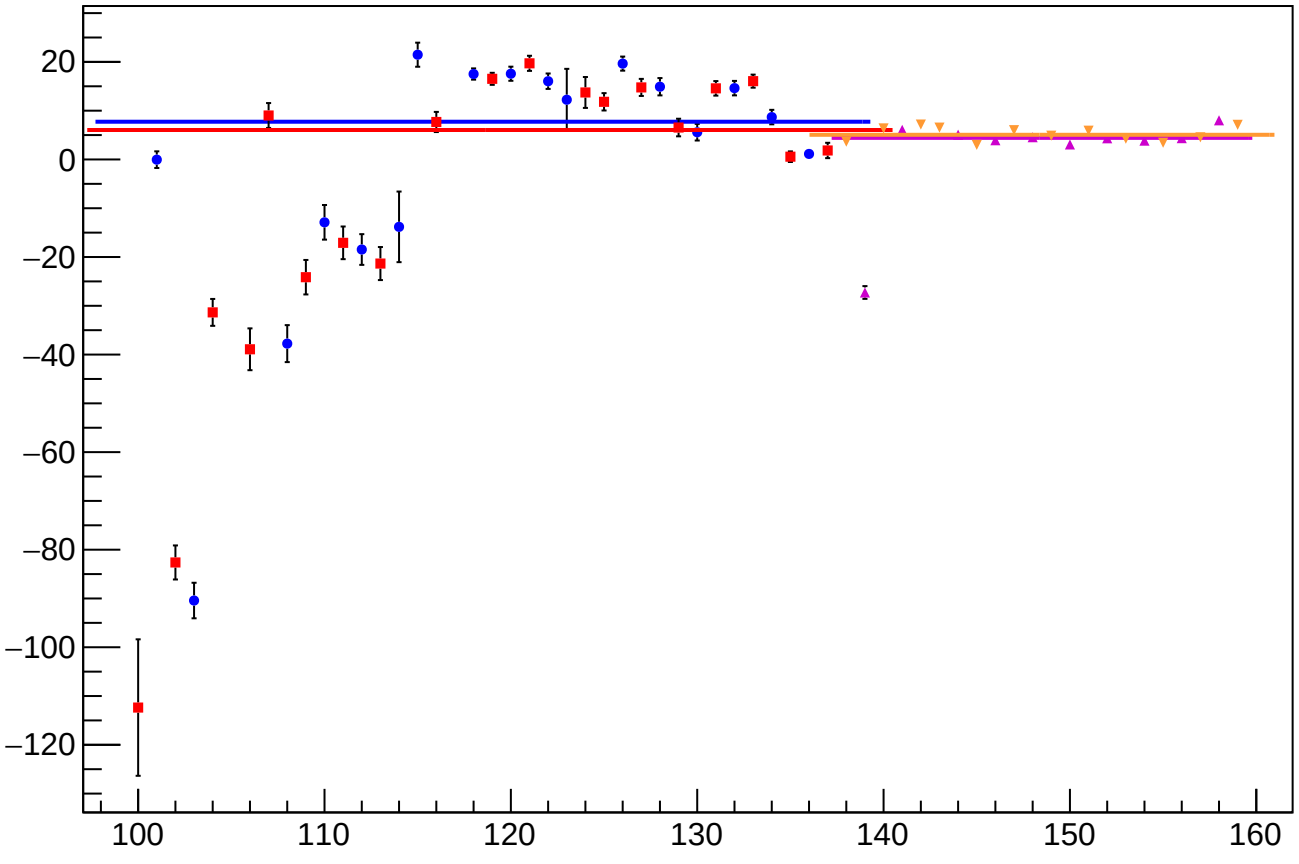
Left In: -8.082+/-0.192 χ^2/NDF:717.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.213+/-0.136 χ^2/NDF: 1580.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 5.057+/-0.136 χ^2/NDF:122.7/11

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

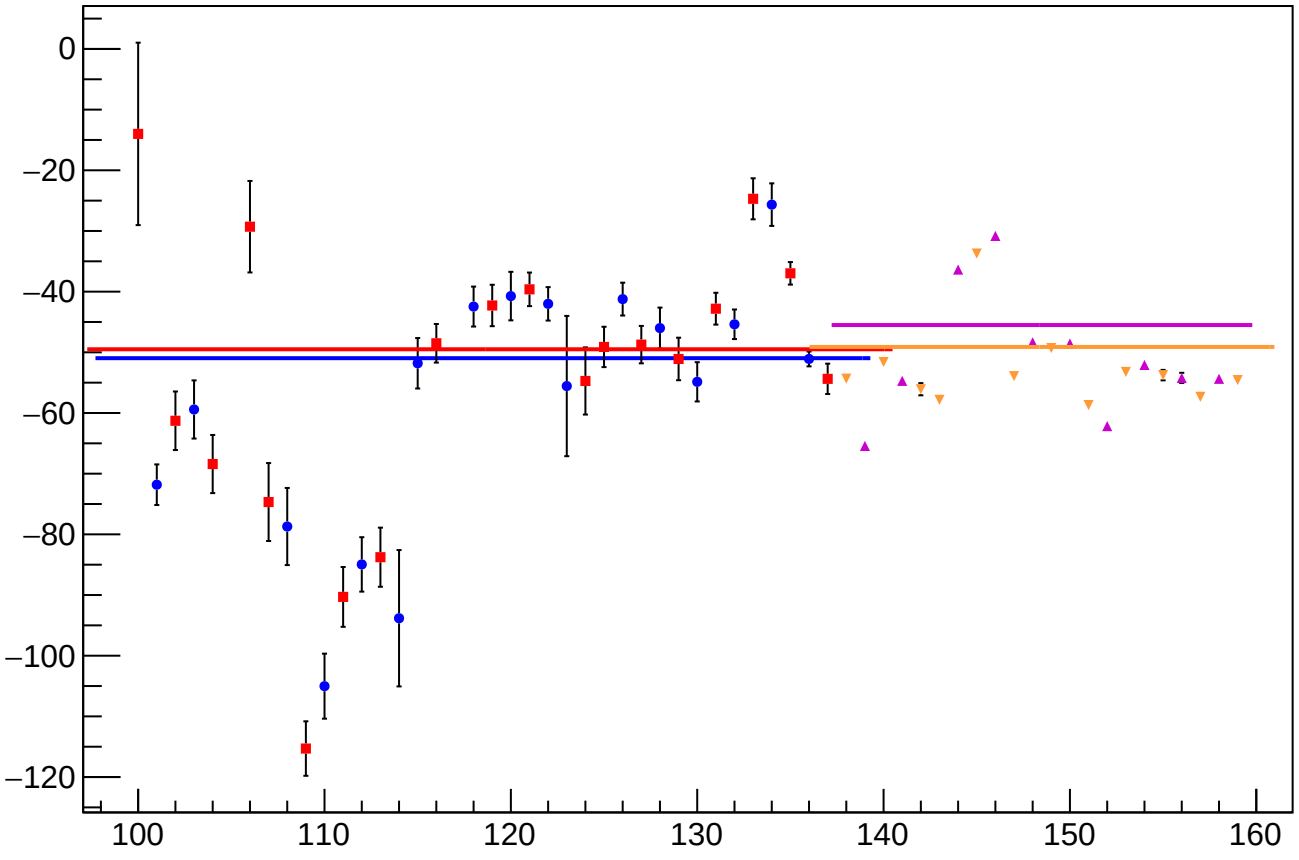
Left In: 4.427+/-0.131 χ^2/NDF:681.4/9

+ sign 5.332+/-0.129 χ^2/NDF: 1520.8/28

All: 4.938+/-0.090 χ^2/NDF: 3745.2/57

- sign 4.563+/-0.126 χ^2/NDF: 2206.2/28

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -49.112+/-0.195 χ^2/NDF:2250.8/11

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

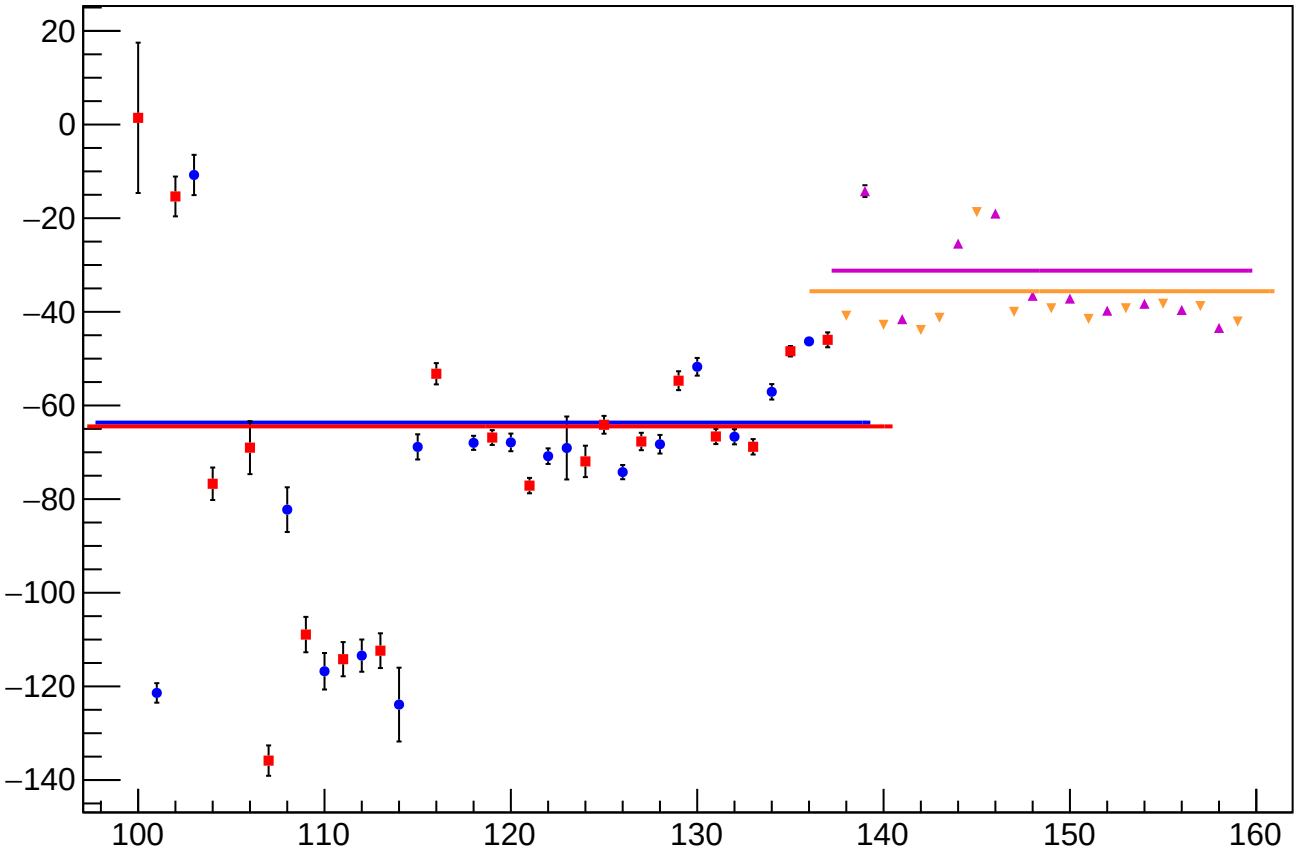
Left In: -45.503+/-0.190 χ^2/NDF:3773.1/9

+ sign -49.232+/-0.188 χ^2/NDF: 2589.4/28

All: -47.441+/-0.132 χ^2/NDF: 7074.0/57

- sign -45.718+/-0.185 χ^2/NDF: 4307.2/28

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -35.598+/-0.162 χ^2/NDF:3425.9/11

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

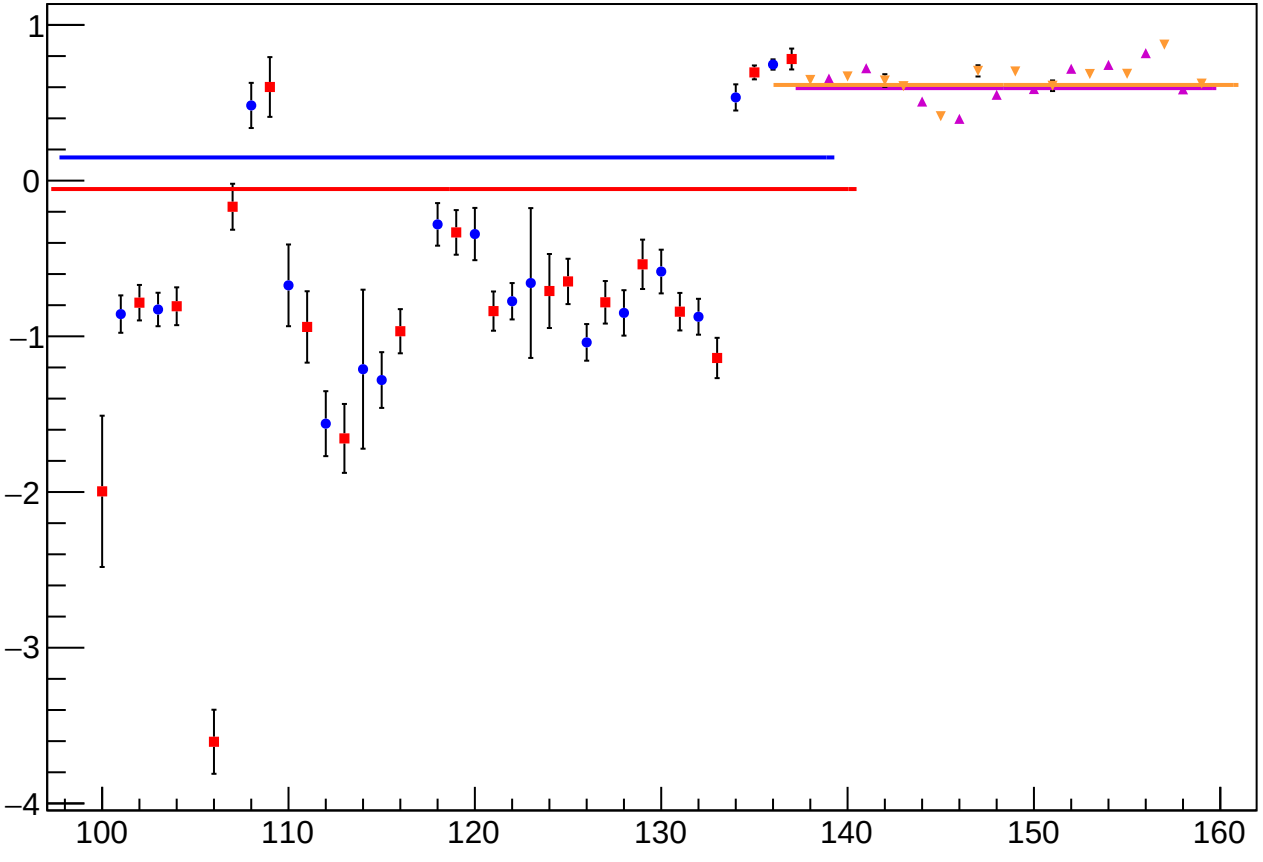
Left In: -31.203+/-0.158 χ^2/NDF:3620.9/9

+ sign -38.884+/-0.152 χ^2/NDF: 8944.9/28

All: -36.625+/-0.107 χ^2/NDF: 18898.2/57

- sign -34.430+/-0.150 χ^2/NDF: 9520.2/28

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.615+/-0.008 χ^2/NDF:310.5/11

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

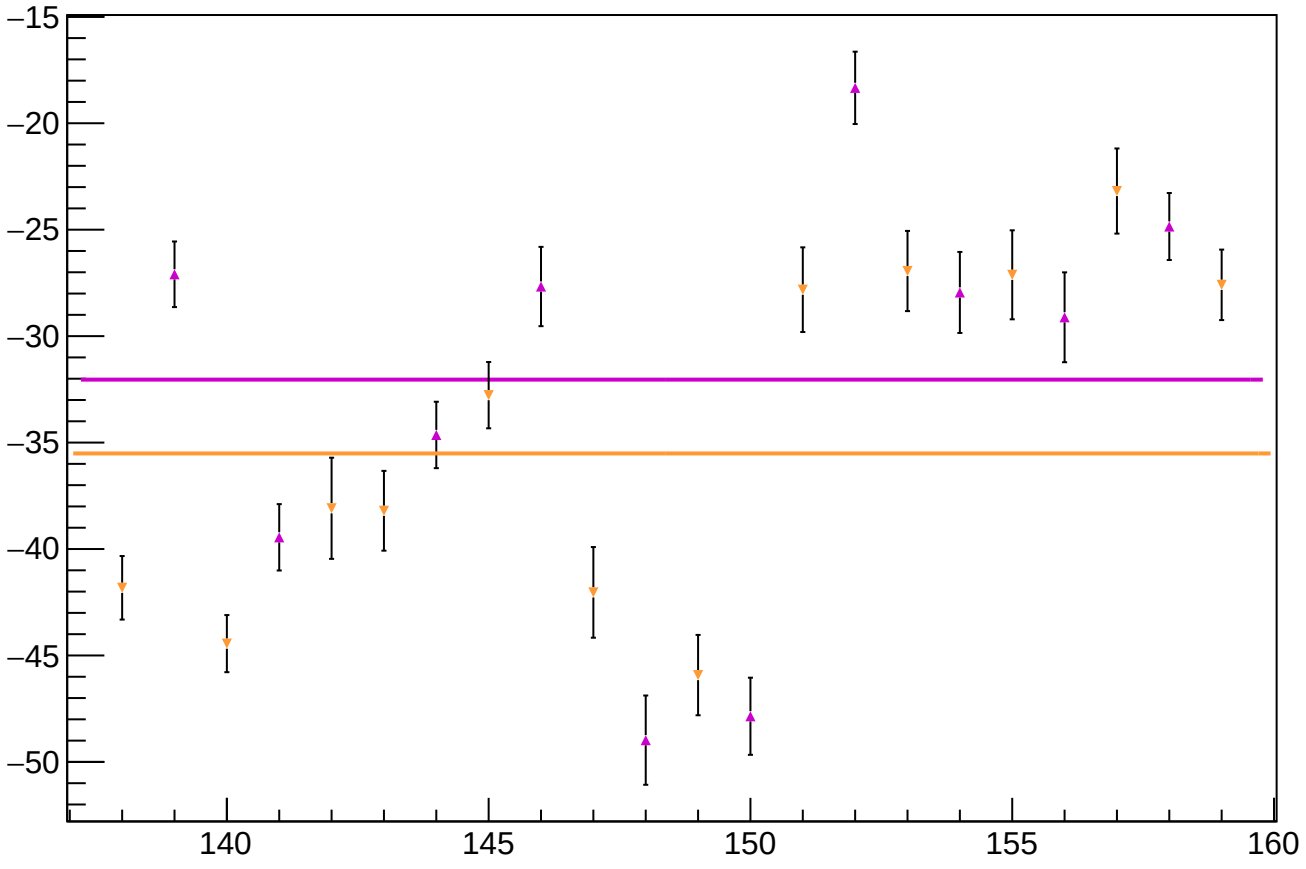
Left In: 0.594+/-0.008 χ^2/NDF:288.5/9

+ sign 0.572+/-0.007 χ^2/NDF: 1642.9/28

All: 0.557+/-0.005 χ^2/NDF: 3670.4/57

- sign 0.542+/-0.007 χ^2/NDF: 2019.5/28

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.510+/-0.516 χ^2/NDF:221.0/11

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

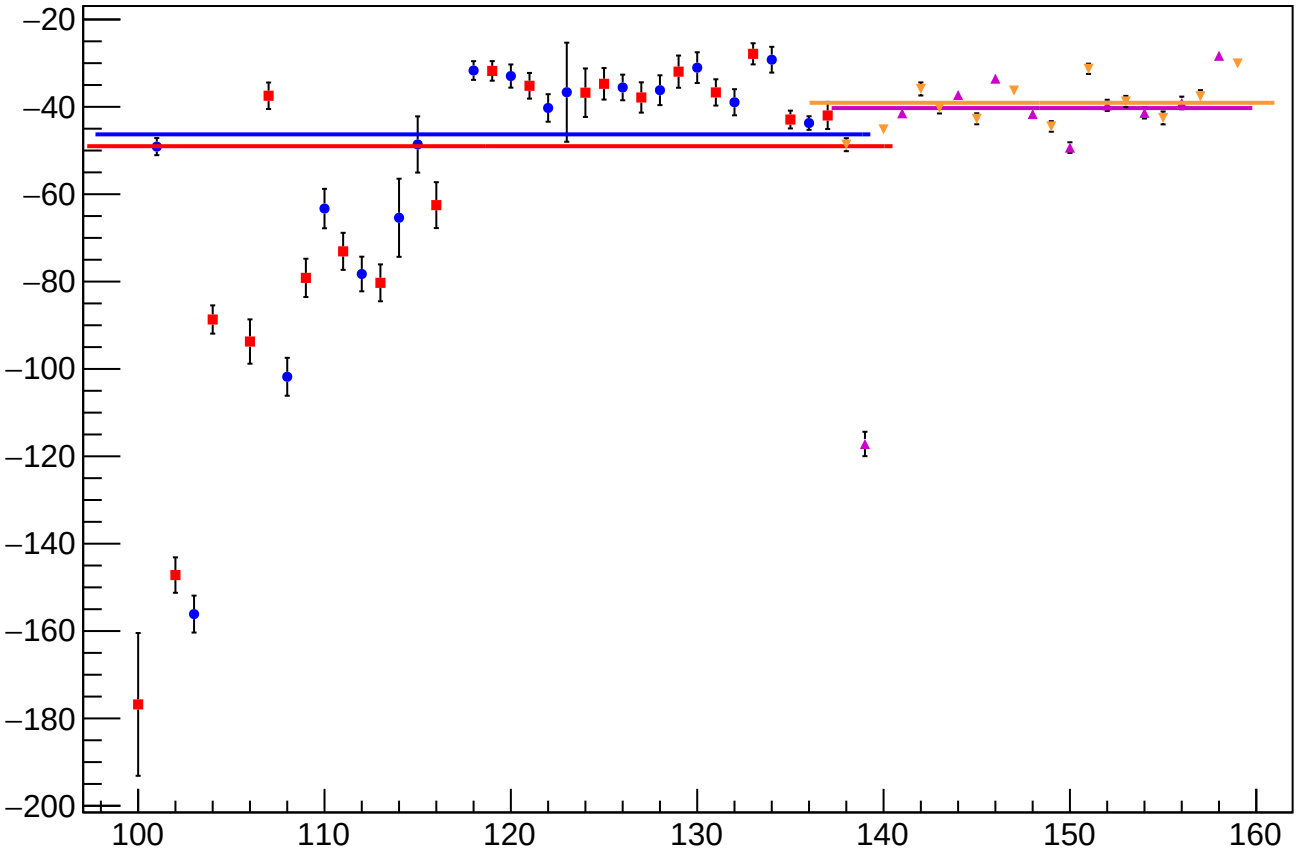
Left In: -32.043+/-0.549 χ^2/NDF:275.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.885+/-0.376 χ^2/NDF: 517.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -39.073+/-0.361 χ^2/NDF:227.2/11

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

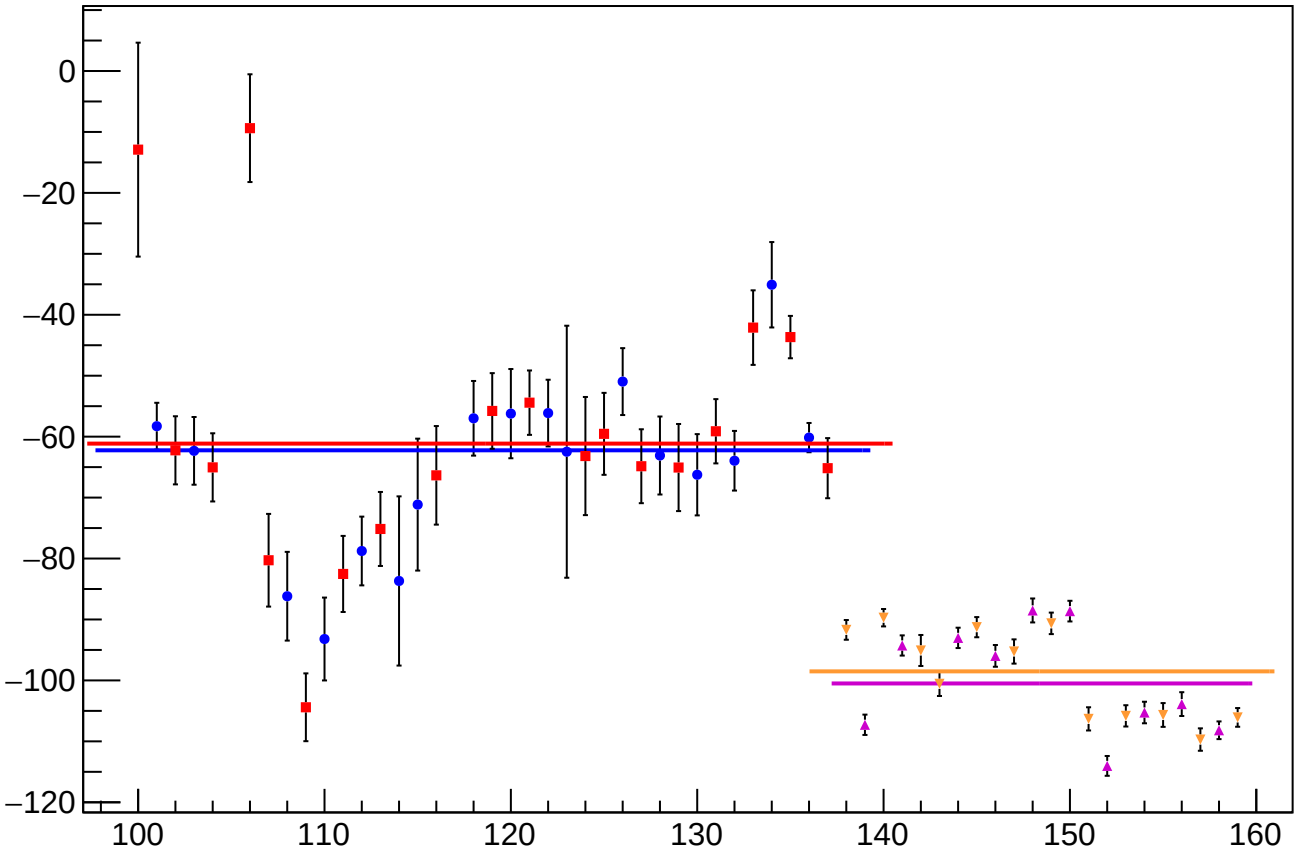
Left In: -40.284+/-0.387 χ^2/NDF:982.8/9

+ sign -40.517+/-0.323 χ^2/NDF: 1391.2/28

All: -41.240+/-0.236 χ^2/NDF: 3760.3/57

- sign -42.066+/-0.345 χ^2/NDF: 2358.3/28

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -98.515+/-0.513 χ^2/NDF:209.3/11

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

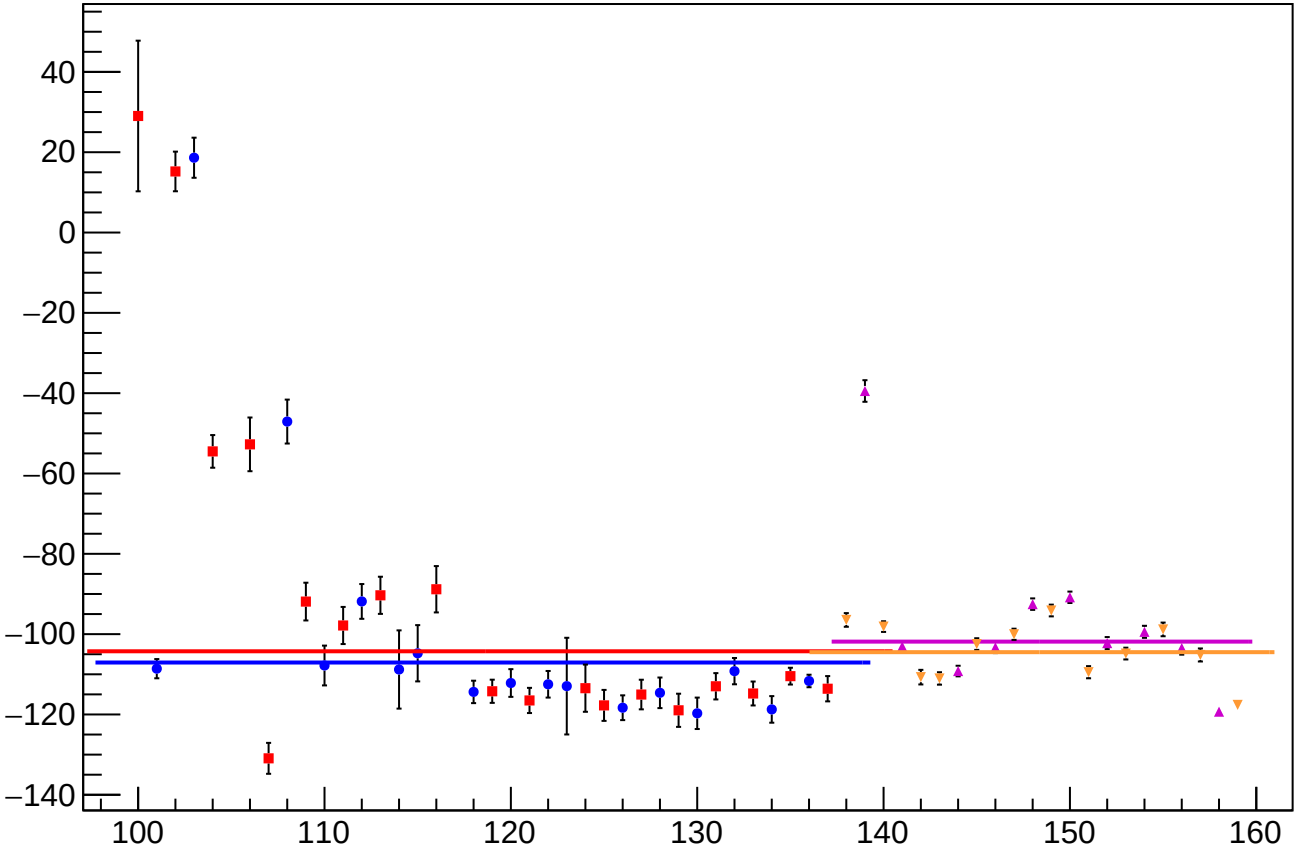
Left In: -100.499+/-0.539 χ^2/NDF:250.8/9

+ sign -93.695+/-0.478 χ^2/NDF: 941.4/28

All: -94.448+/-0.346 χ^2/NDF: 2069.1/57

- sign -95.280+/-0.502 χ^2/NDF: 1122.5/28

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -104.488+/-0.430 χ^2/NDF:280.3/11

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

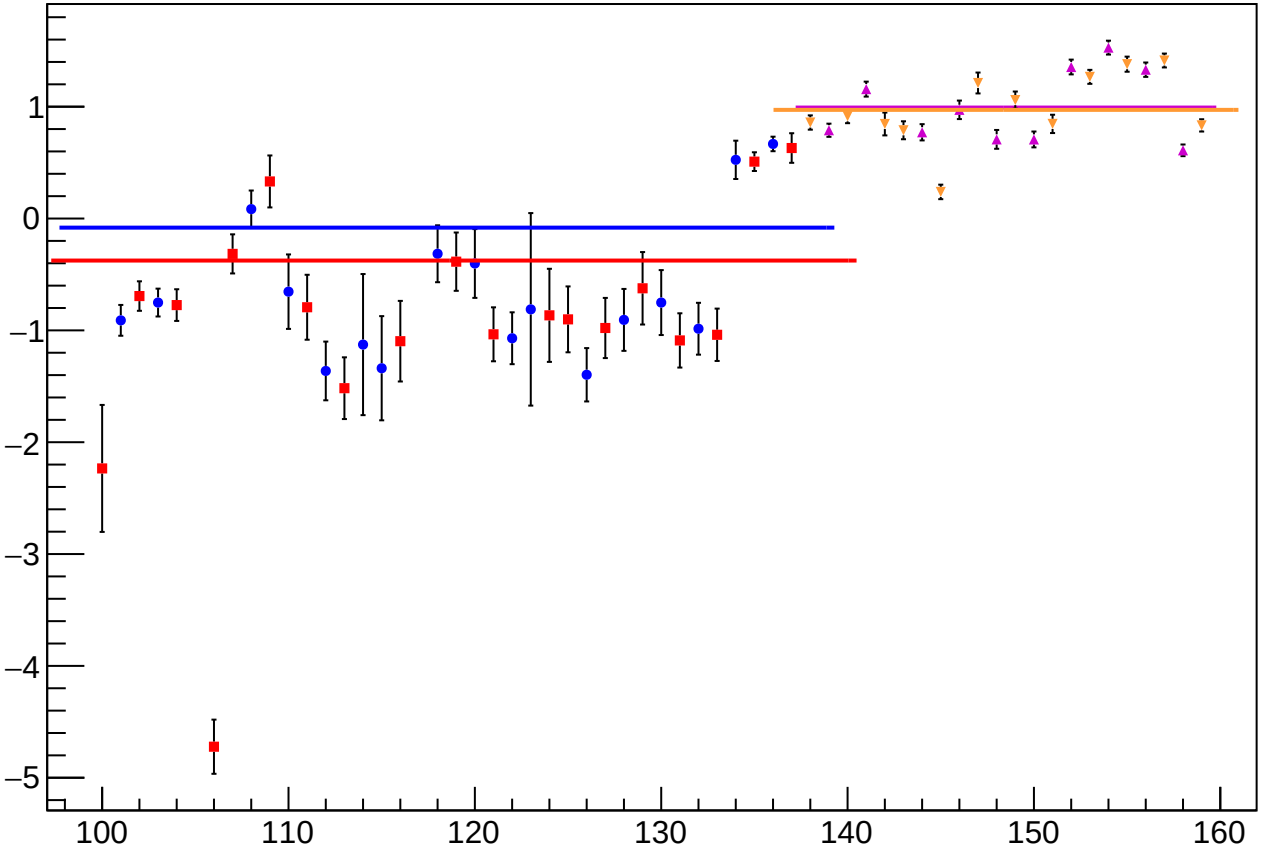
Left In: -101.861+/-0.458 χ^2/NDF:912.3/9

+ sign -105.053+/-0.380 χ^2/NDF: 1116.6/28

All: -103.806+/-0.277 χ^2/NDF: 3076.7/57

- sign -102.392+/-0.404 χ^2/NDF: 1937.1/28

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.972+/-0.020 χ^2/NDF:264.7/11

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

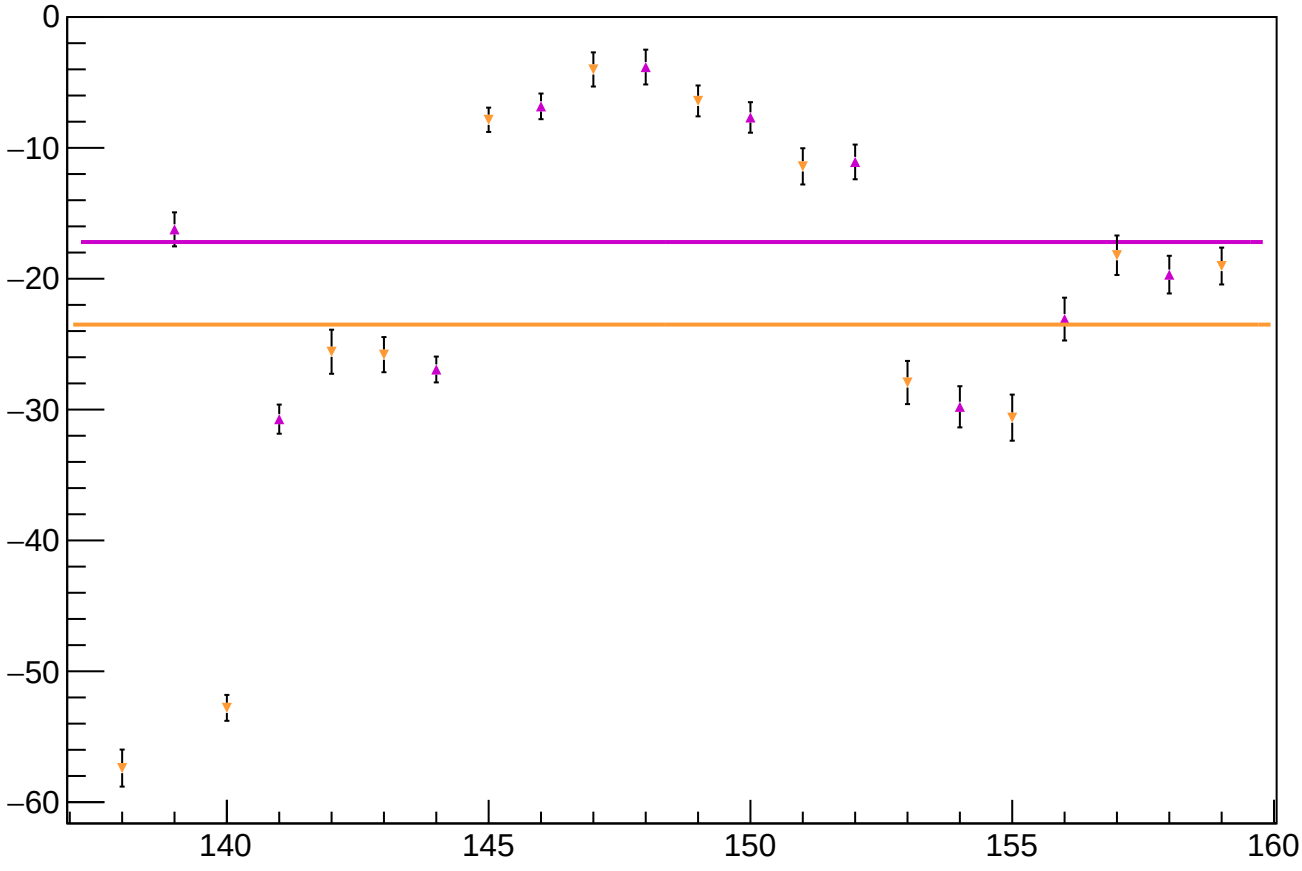
Left In: 0.992+/-0.021 χ^2/NDF:240.8/9

+ sign 0.778+/-0.018 χ^2/NDF: 1102.4/28

All: 0.759+/-0.013 χ^2/NDF: 2720.0/57

- sign 0.739+/-0.019 χ^2/NDF: 1615.4/28

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.505+/-0.377 χ^2/NDF:2292.1/11

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

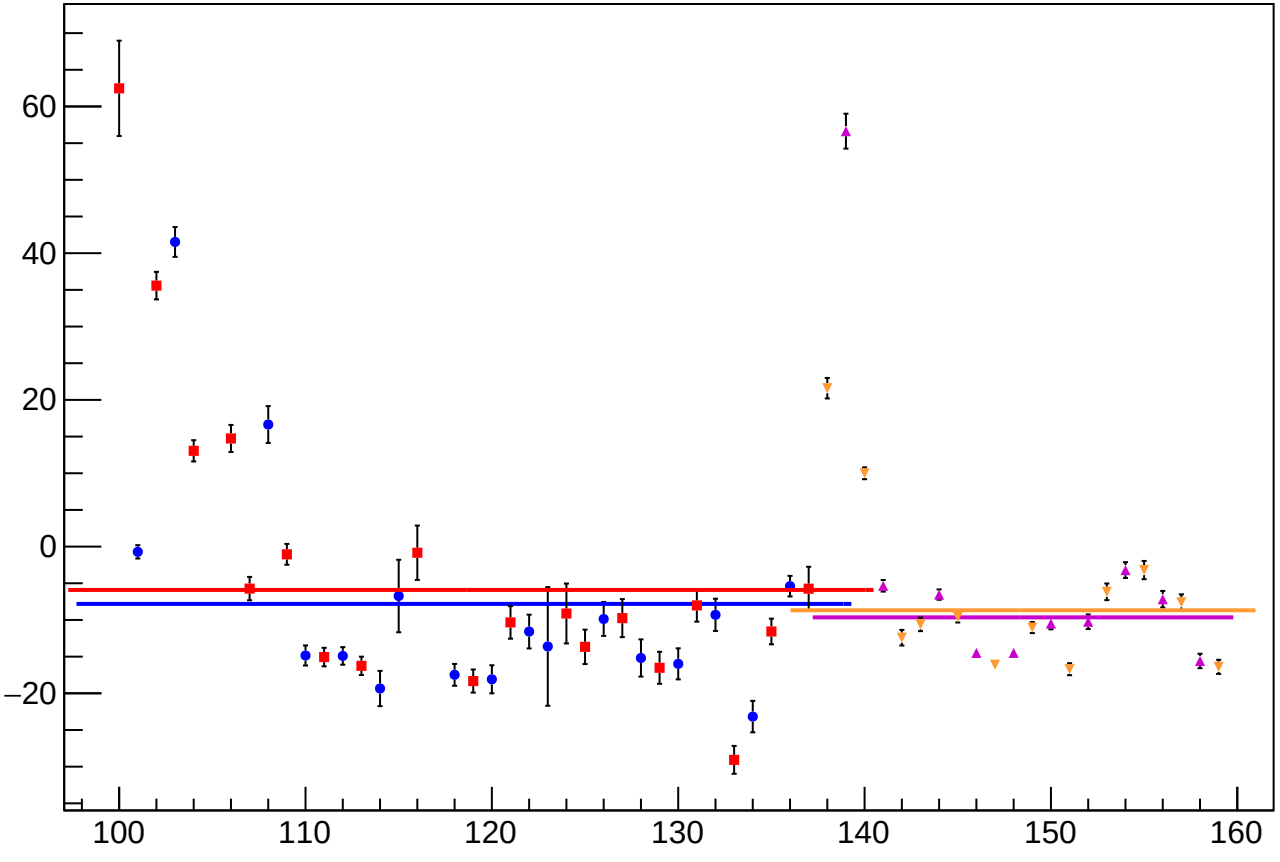
Left In: -17.196+/-0.389 χ^2/NDF:626.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.454+/-0.271 χ^2/NDF: 3054.5/21

- 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: -8.685+/-0.258 χ^2/NDF:1361.4/11

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

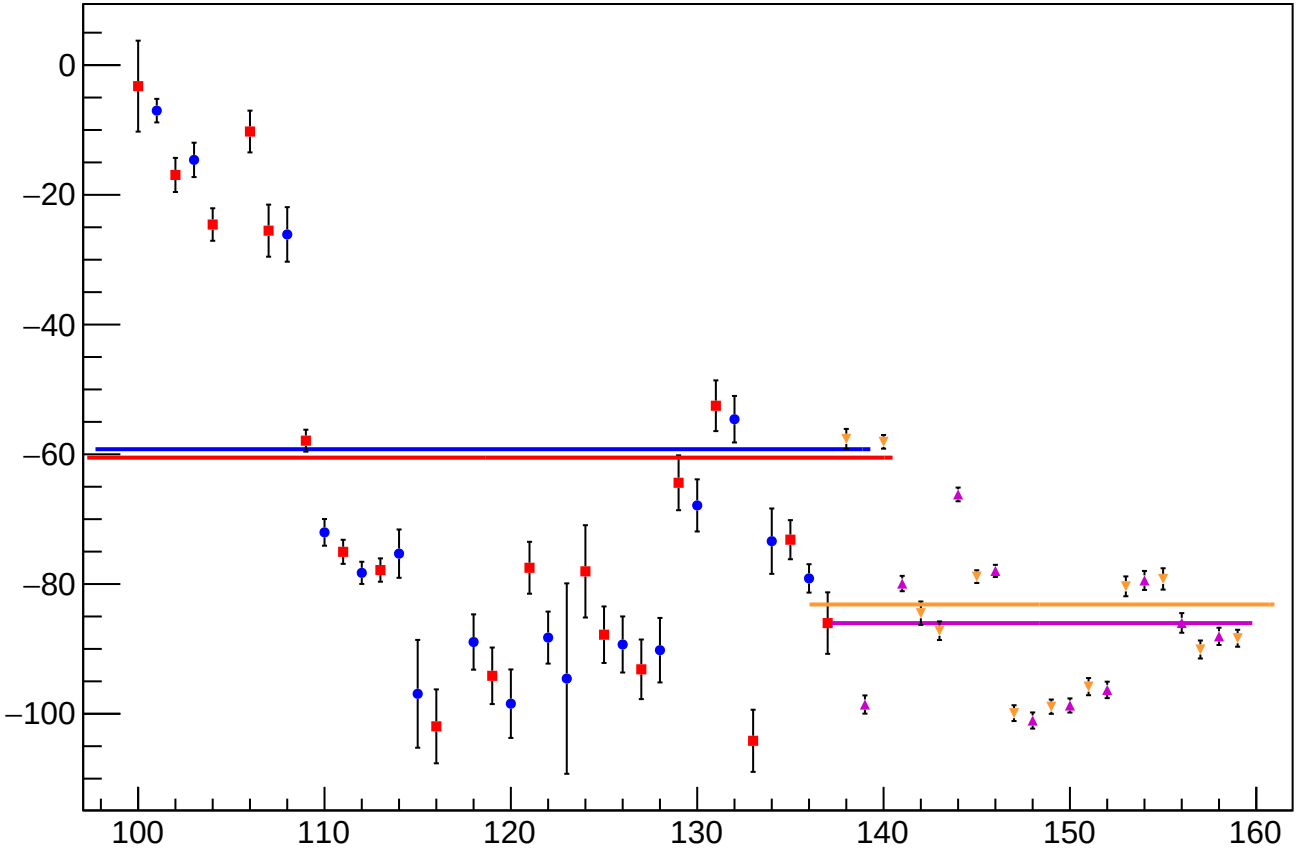
Left In: -9.646+/-0.266 χ^2/NDF:1020.3/9

+ sign -8.451+/-0.221 χ^2/NDF: 2347.2/28

All: -8.527+/-0.158 χ^2/NDF: 4715.6/57

- sign -8.606+/-0.226 χ^2/NDF: 2368.1/28

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -83.150+/-0.375 χ^2/NDF:1404.5/11

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

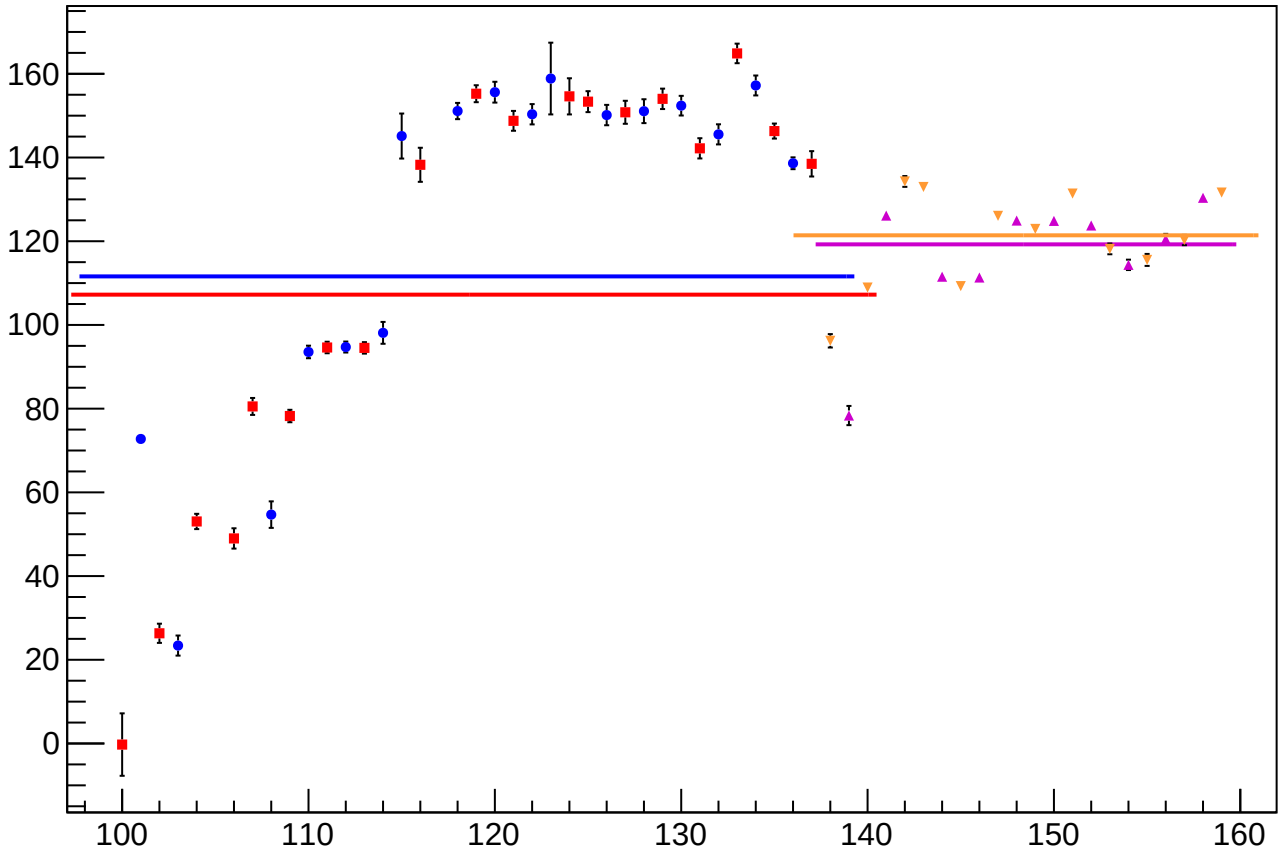
Left In: -86.020+/-0.383 χ^2/NDF:900.3/9

+ sign -78.303+/-0.335 χ^2/NDF: 3950.9/28

All: -79.246+/-0.237 χ^2/NDF: 7263.7/57

- sign -80.198+/-0.336 χ^2/NDF: 3296.9/28

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 121.414+/-0.311 χ^2/NDF:1058.4/11

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

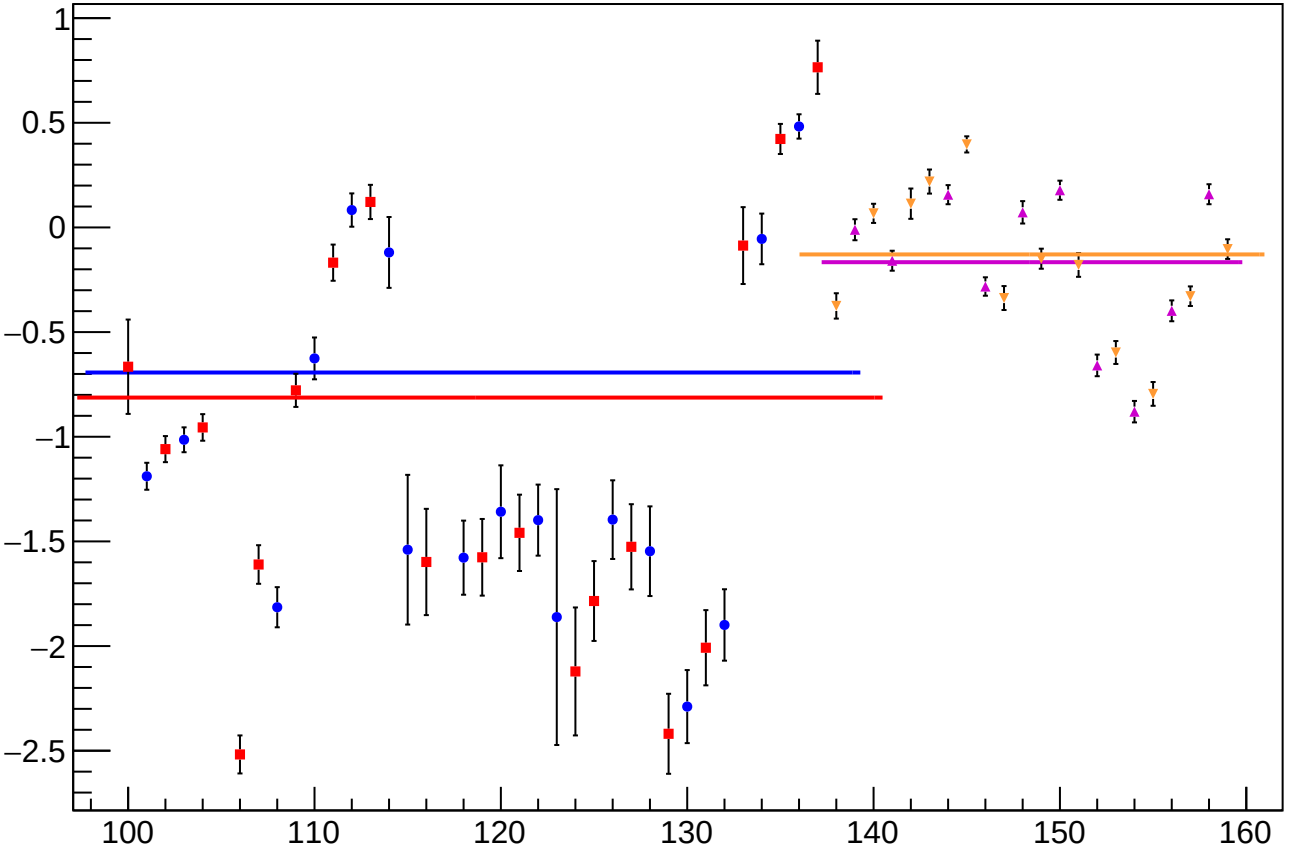
Left In: 119.252+/-0.321 χ^2/NDF:783.7/9

+ sign 118.568+/-0.262 χ^2/NDF: 7306.9/28

All: 117.131+/-0.187 χ^2/NDF: 15613.4/57

- sign 115.629+/-0.268 χ^2/NDF: 8245.0/28

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.129+/-0.015 χ^2/NDF:511.7/11

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

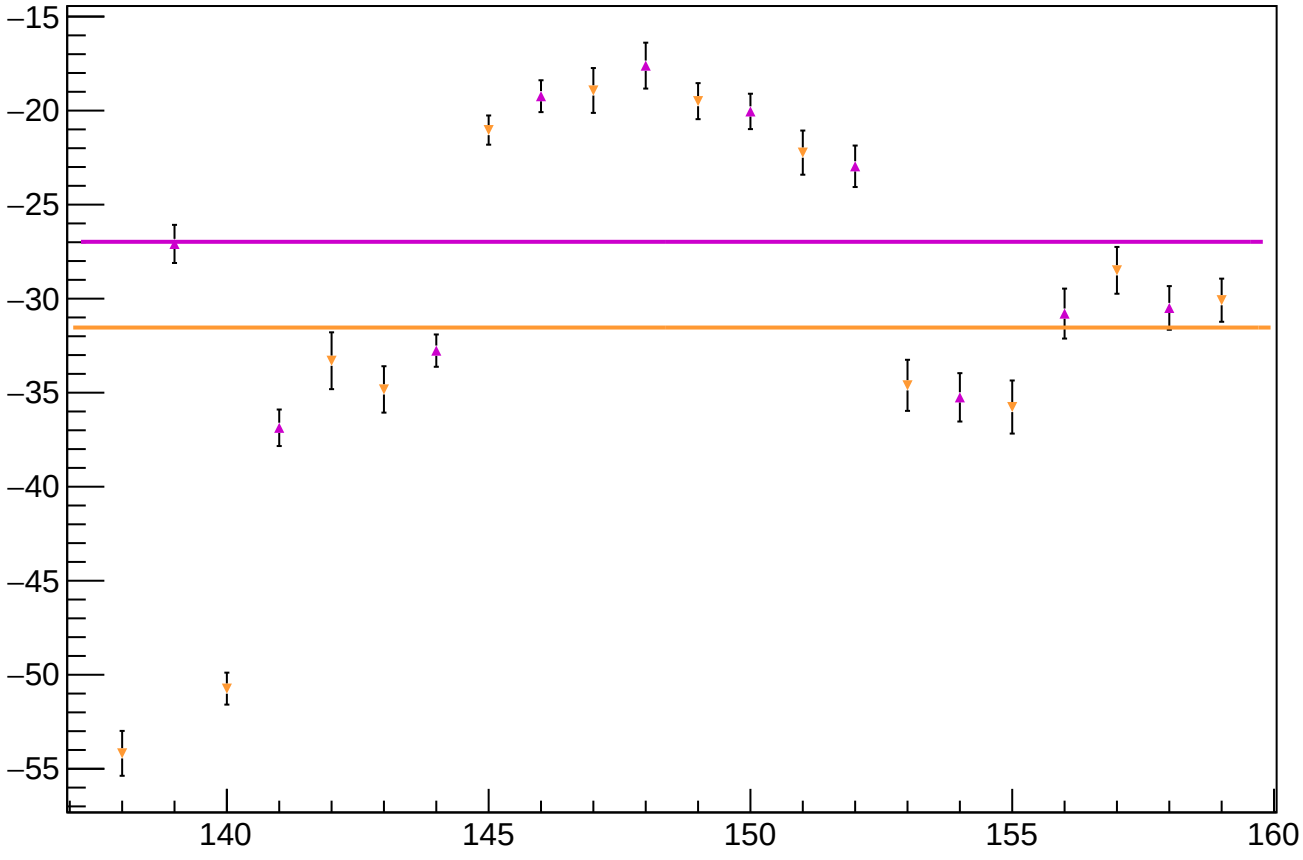
Left In: -0.166+/-0.015 χ^2/NDF:495.8/9

+ sign -0.270+/-0.013 χ^2/NDF: 1864.2/28

All: -0.310+/-0.009 χ^2/NDF: 4195.4/57

- sign -0.350+/-0.013 χ^2/NDF: 2312.2/28

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.536+/-0.319 χ^2/NDF:1415.6/11

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

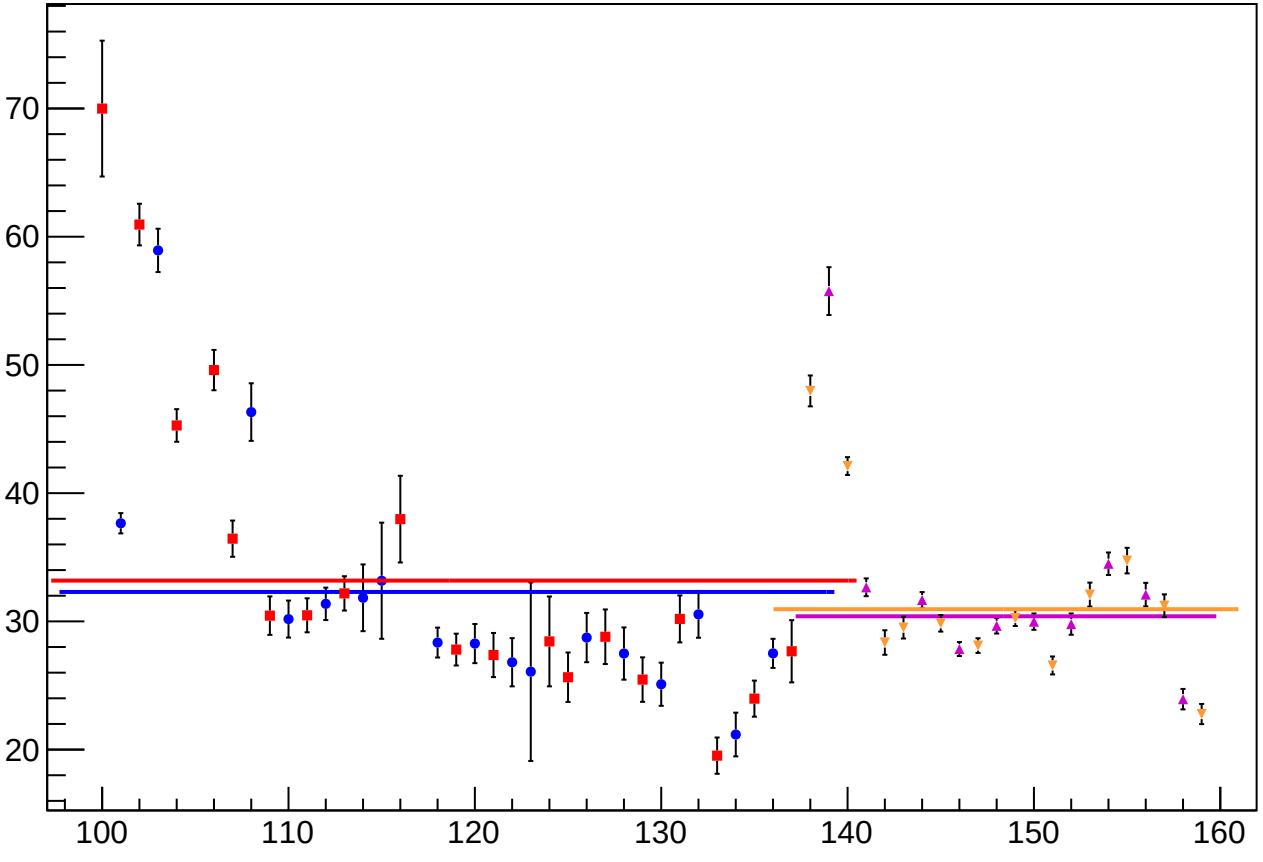
Left In: -26.977+/-0.328 χ^2/NDF:418.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.315+/-0.229 χ^2/NDF: 1932.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 30.949+/-0.221 χ^2/NDF:658.4/11

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

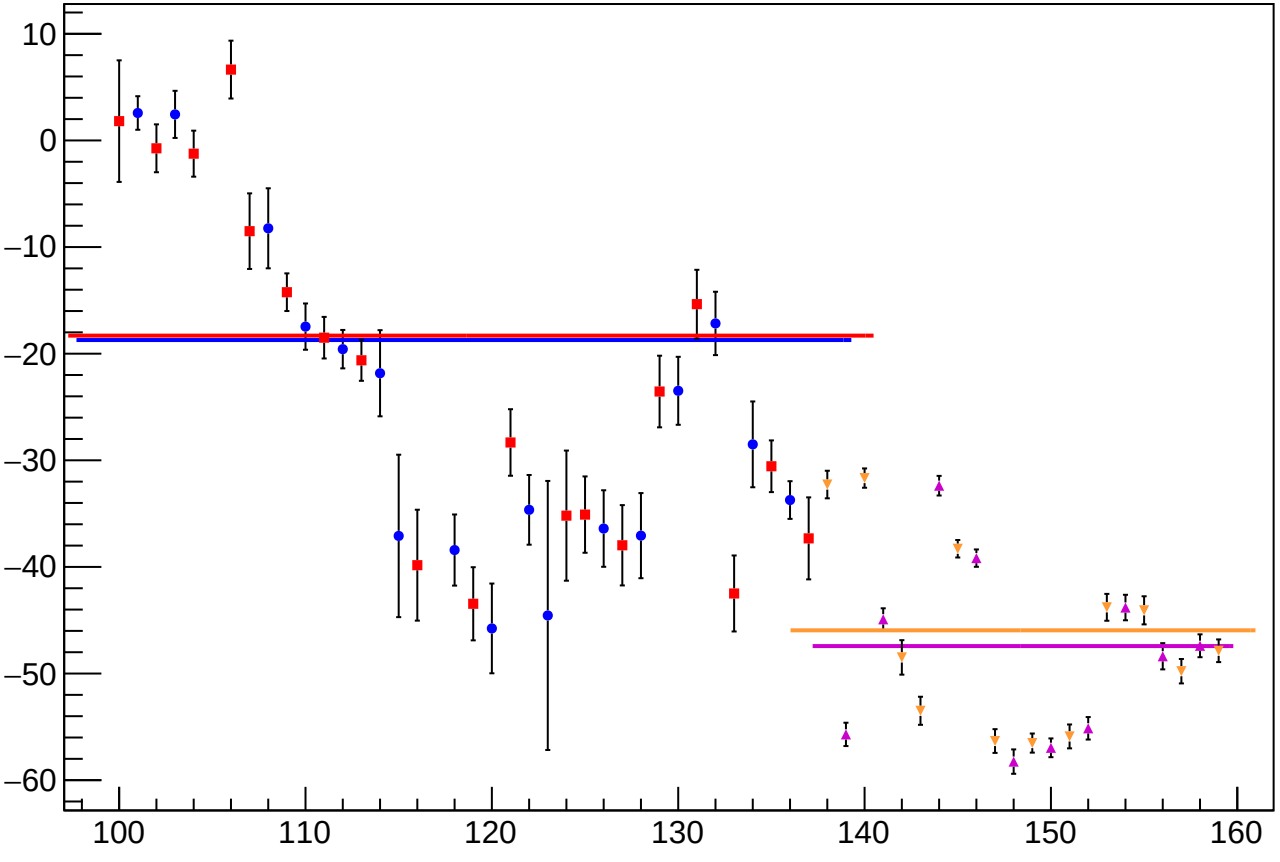
Left In: 30.395+/-0.229 χ^2/NDF:315.0/9

+ sign 31.300+/-0.190 χ^2/NDF: 1120.3/28

All: 31.222+/-0.137 χ^2/NDF: 2245.4/57

- sign 31.139+/-0.196 χ^2/NDF: 1124.8/28

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -45.947+/-0.317 χ^2/NDF:807.2/11

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

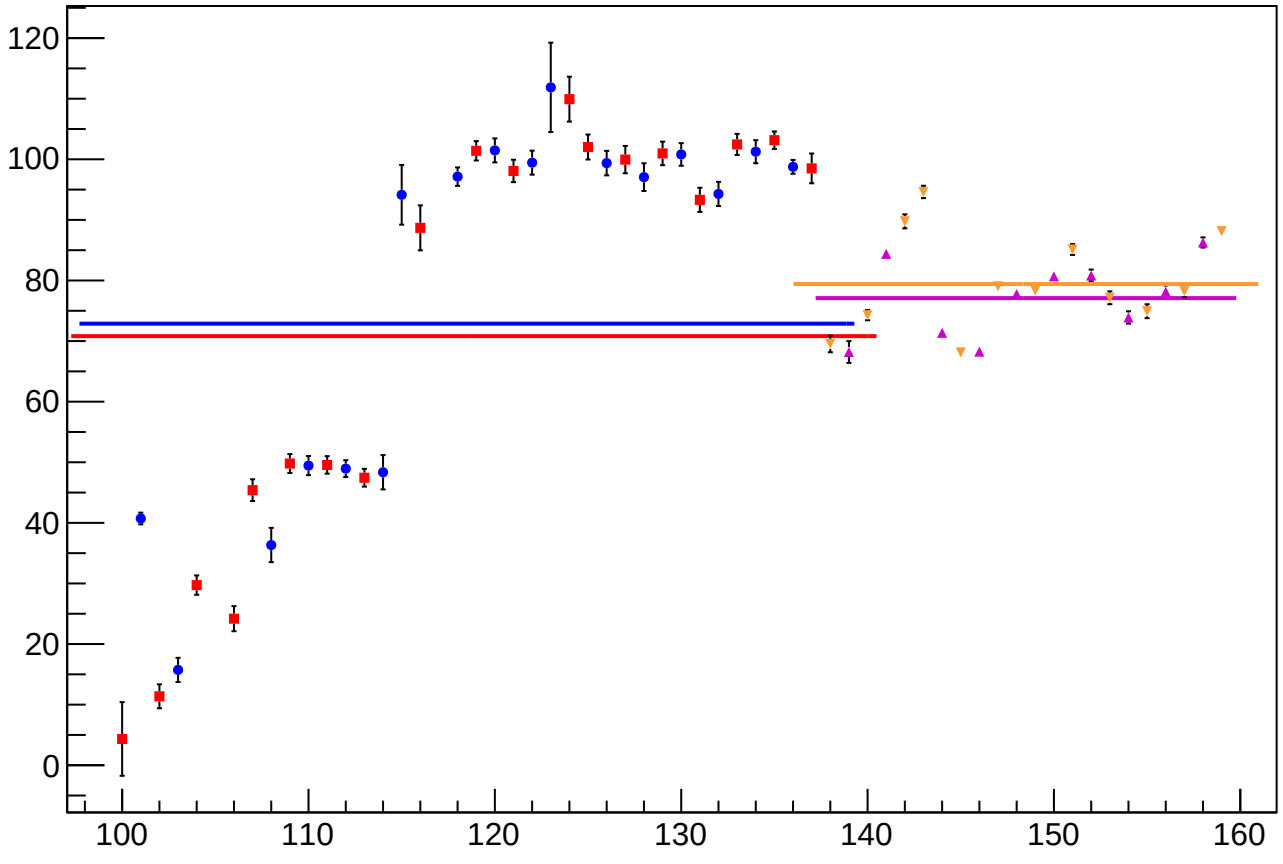
Left In: -47.424+/-0.322 χ^2/NDF:703.2/9

+ sign -40.916+/-0.286 χ^2/NDF: 2691.7/28

All: -41.253+/-0.203 χ^2/NDF: 5507.7/57

- sign -41.594+/-0.288 χ^2/NDF: 2813.2/28

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 79.412+/-0.265 χ^2/NDF:798.5/11

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

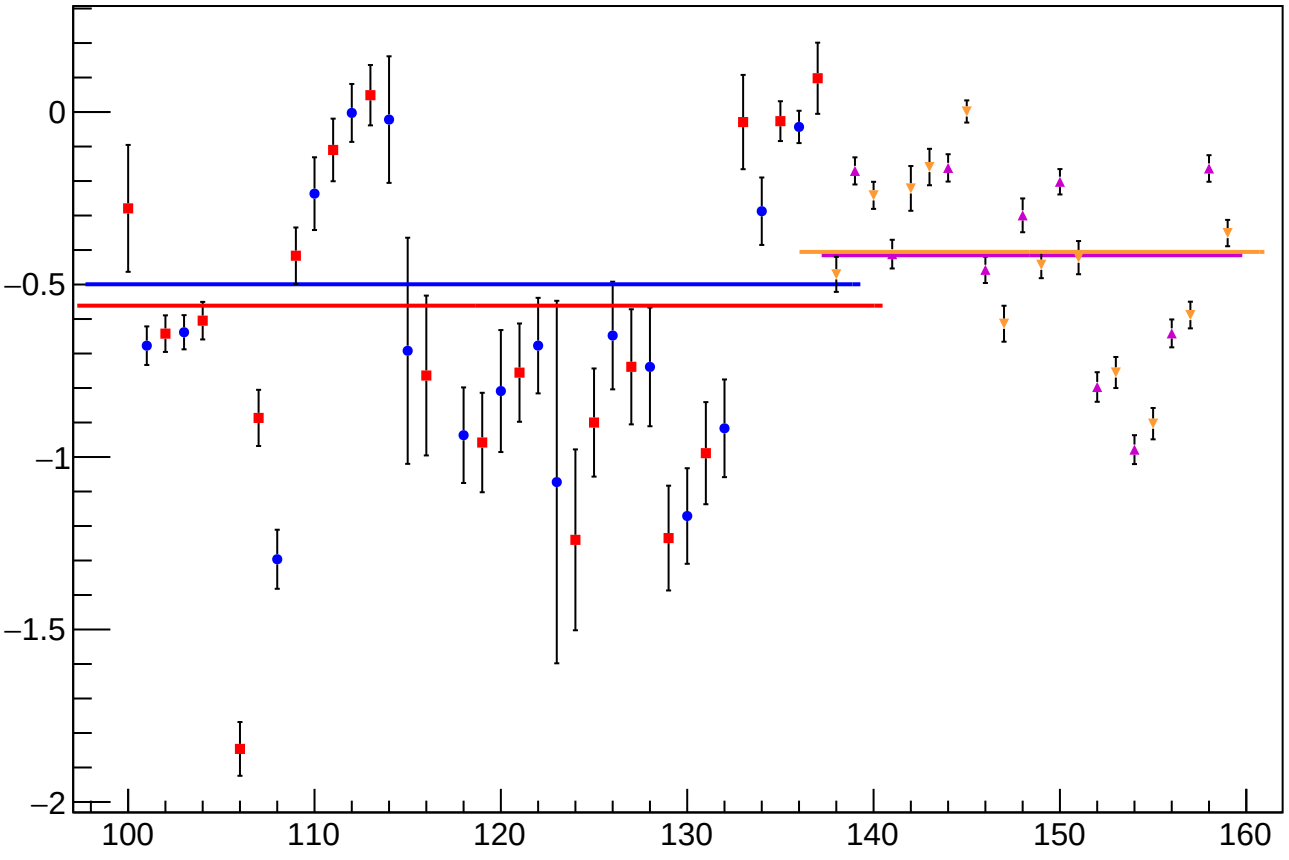
Left In: 77.091+/-0.273 χ^2/NDF:503.0/9

+ sign 77.587+/-0.225 χ^2/NDF: 5706.4/28

All: 76.478+/-0.161 χ^2/NDF: 11898.9/57

- sign 75.311+/-0.231 χ^2/NDF: 6142.6/28

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.405+/-0.013 χ^2/NDF:430.5/11

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

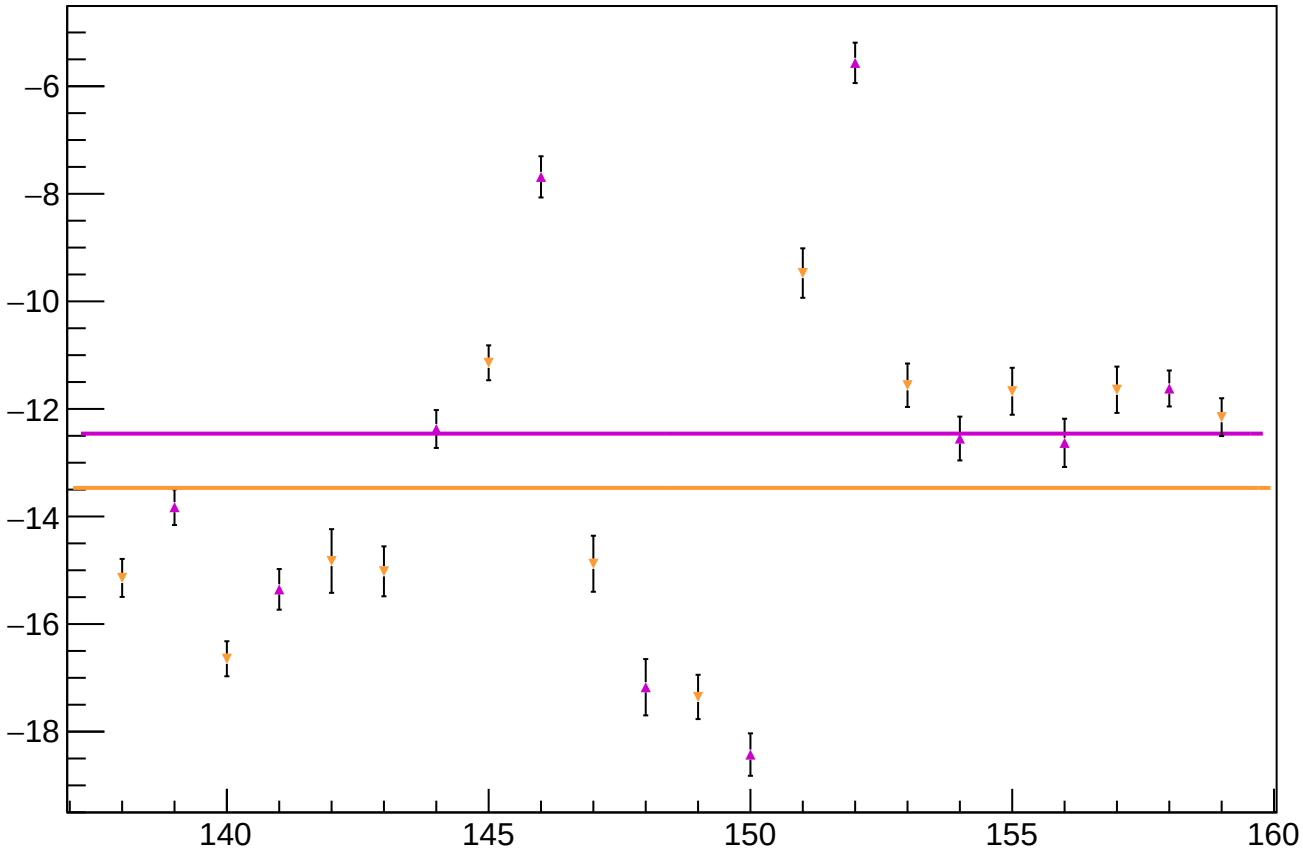
Left In: -0.415+/-0.013 χ^2/NDF:453.9/9

+ sign -0.428+/-0.011 χ^2/NDF: 747.5/28

All: -0.441+/-0.008 χ^2/NDF: 1800.9/57

- sign -0.454+/-0.011 χ^2/NDF: 1050.7/28

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.469+/-0.117 χ^2/NDF:428.5/11

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

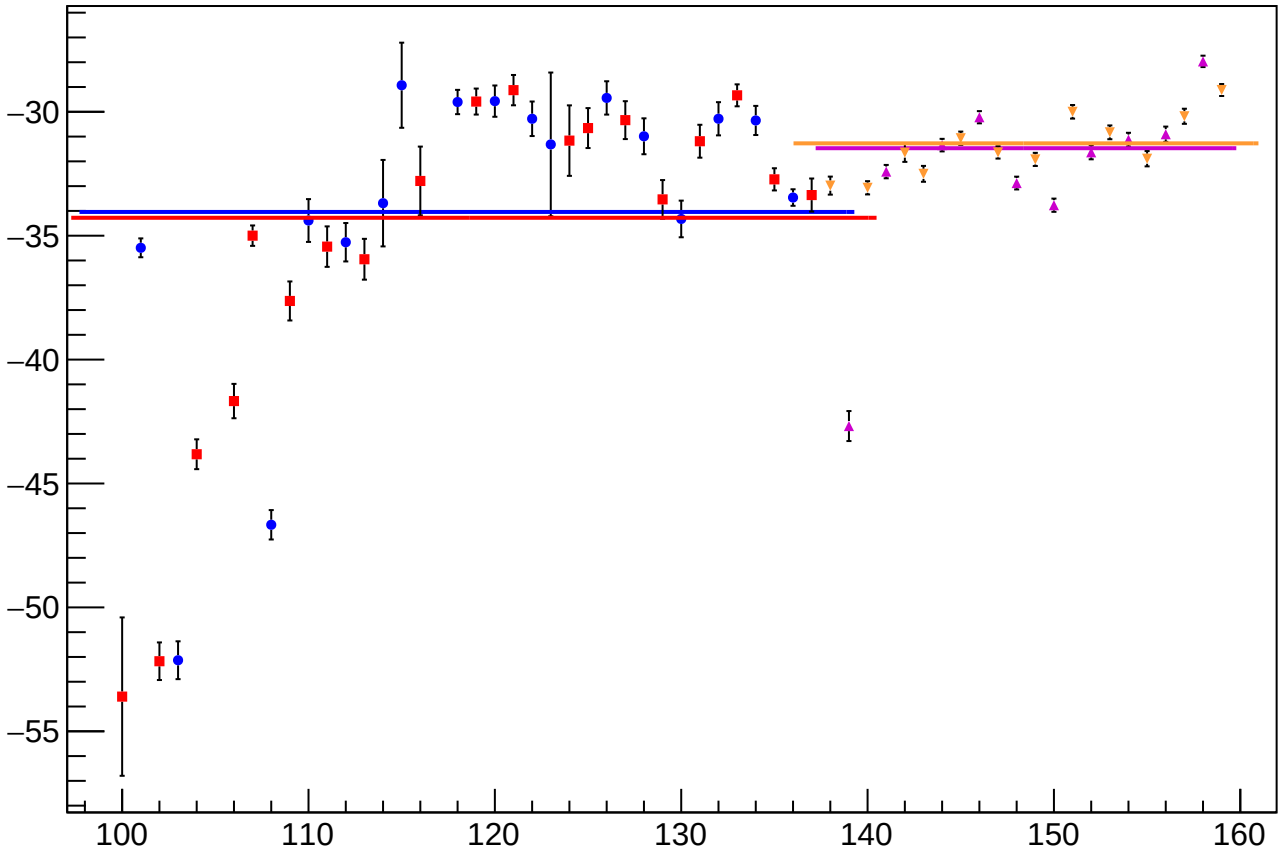
Left In: -12.459+/-0.121 χ^2/NDF:884.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.984+/-0.084 χ^2/NDF: 1348.9/21

- 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: -31.273+/-0.082 χ^2/NDF:211.6/11

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

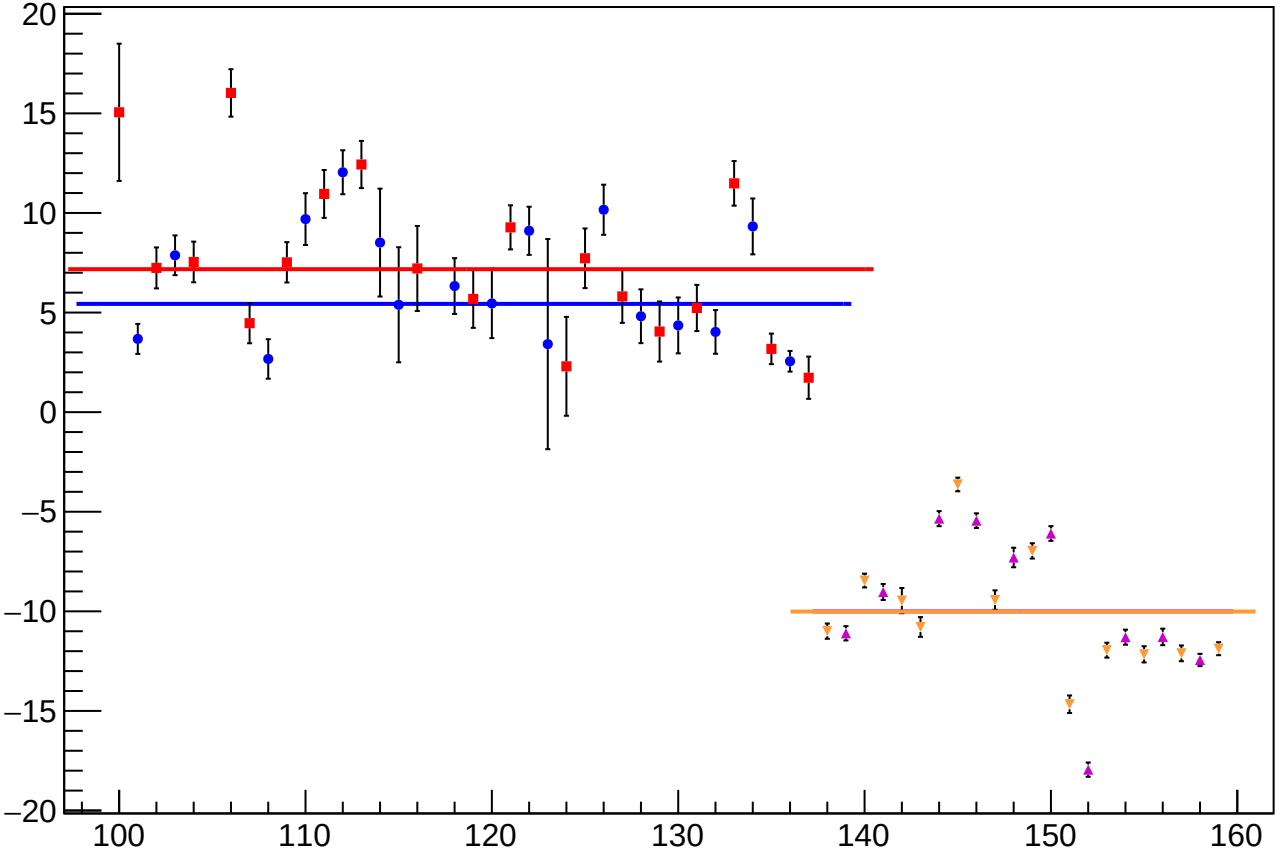
Left In: -31.470+/-0.087 χ^2/NDF:721.8/9

+ sign -31.912+/-0.072 χ^2/NDF: 1812.0/28

All: -32.035+/-0.052 χ^2/NDF: 4149.4/57

- sign -32.169+/-0.075 χ^2/NDF: 2331.3/28

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -10.011+/-0.115 χ^2/NDF:666.8/11

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

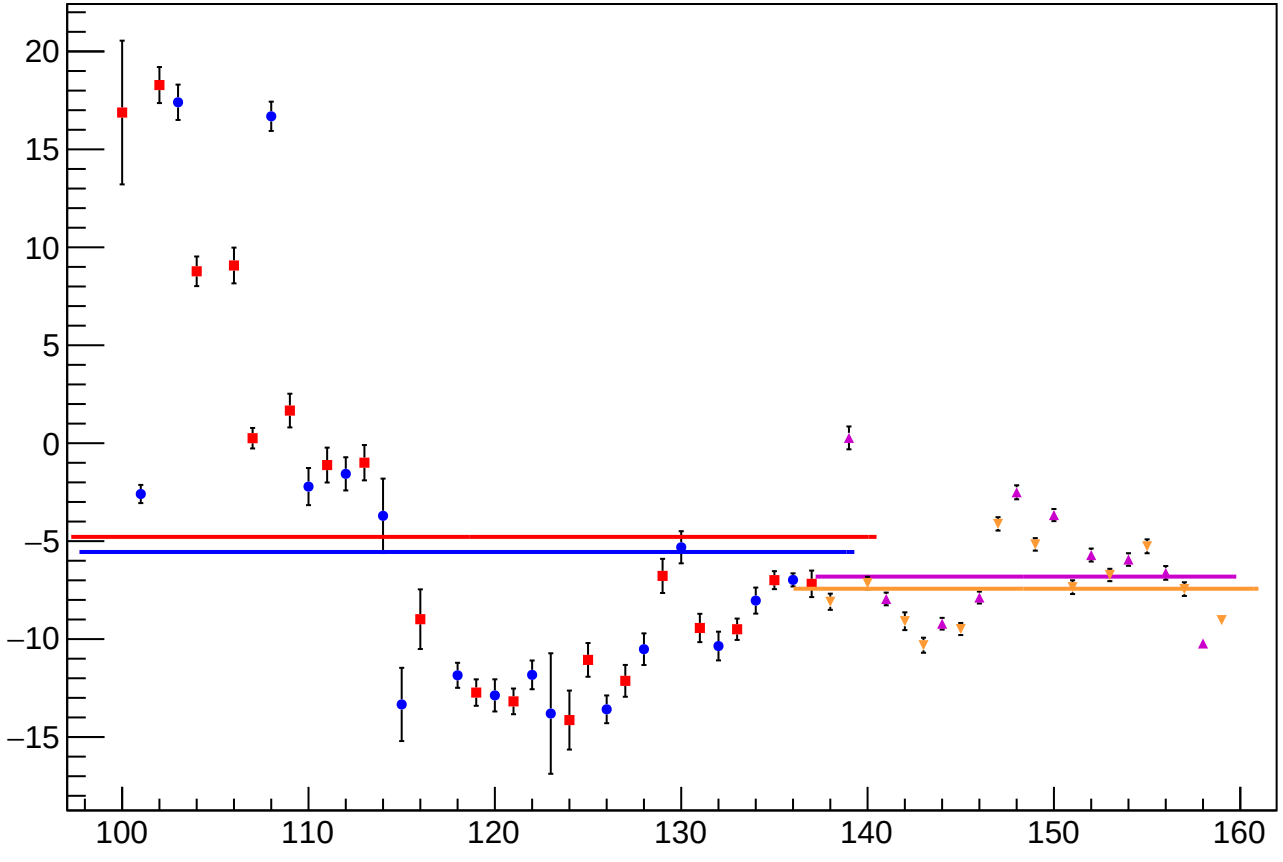
Left In: -10.003+/-0.119 χ^2/NDF:1036.6/9

+ sign -7.623+/-0.106 χ^2/NDF: 3574.5/28

All: -7.460+/-0.076 χ^2/NDF: 8104.4/57

- sign -7.287+/-0.109 χ^2/NDF: 4525.0/28

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -7.429+/-0.097 χ^2/NDF:343.2/11

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

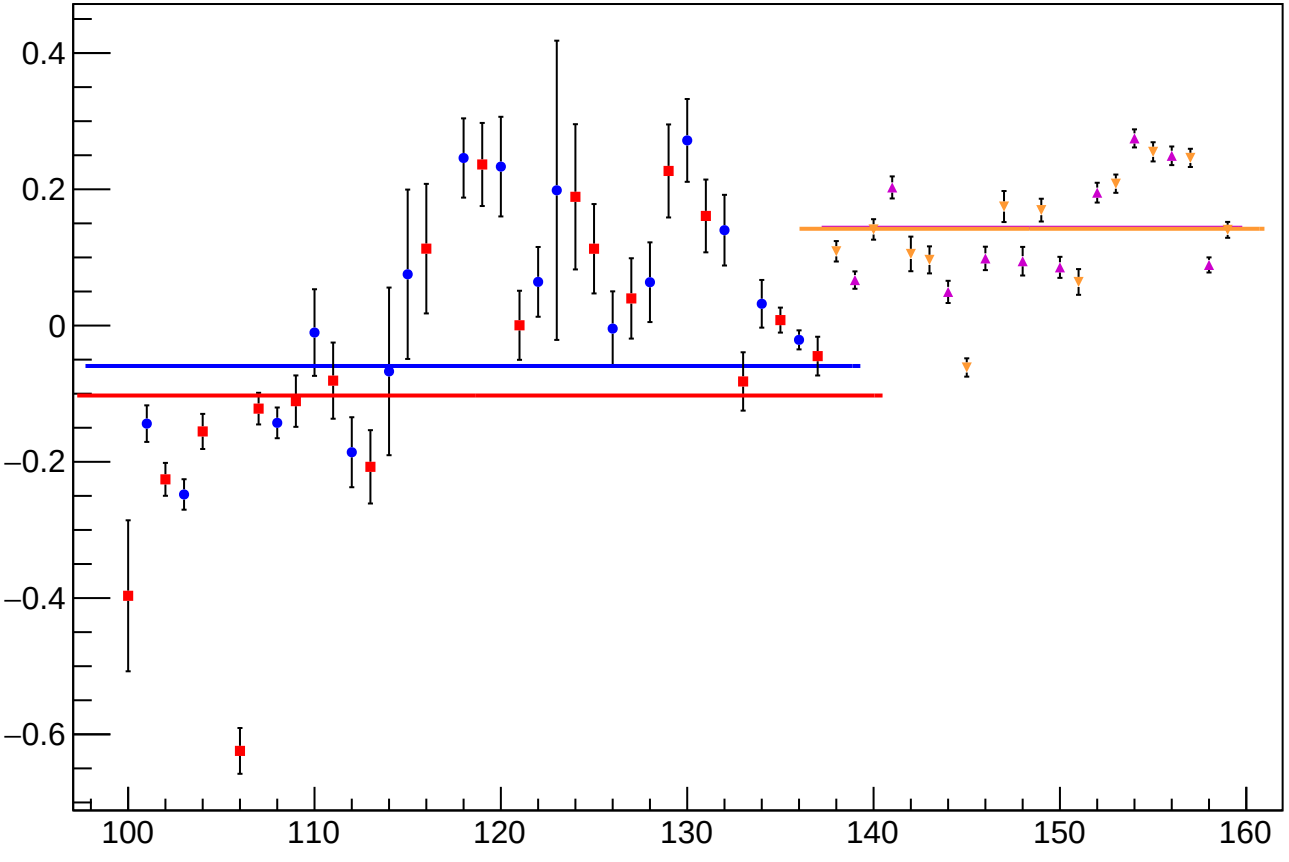
Left In: -6.811+/-0.102 χ^2/NDF:700.8/9

+ sign -6.966+/-0.084 χ^2/NDF: 2560.4/28

All: -6.640+/-0.061 χ^2/NDF: 5434.9/57

- sign -6.288+/-0.088 χ^2/NDF: 2843.5/28

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059+/-0.008 χ^2/NDF: 217.6/16

Left Out: 0.142+/-0.004 χ^2/NDF:412.7/11

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

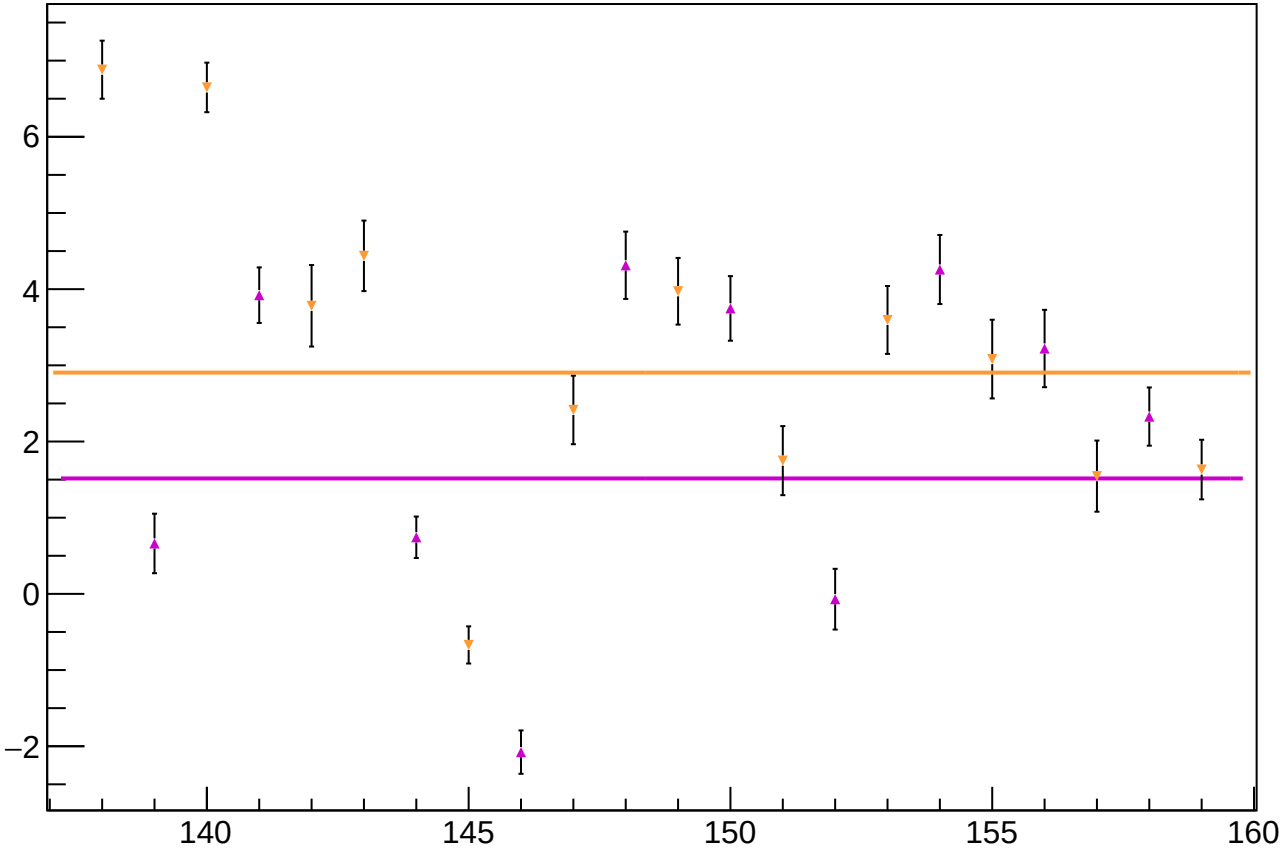
Left In: 0.144+/-0.005 χ^2/NDF:303.7/9

+ sign 0.098+/-0.004 χ^2/NDF: 1079.8/28

All: 0.093+/-0.003 χ^2/NDF: 2482.1/57

- sign 0.087+/-0.004 χ^2/NDF: 1398.8/28

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: 2.905+/-0.115 χ^2/NDF:505.1/11

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

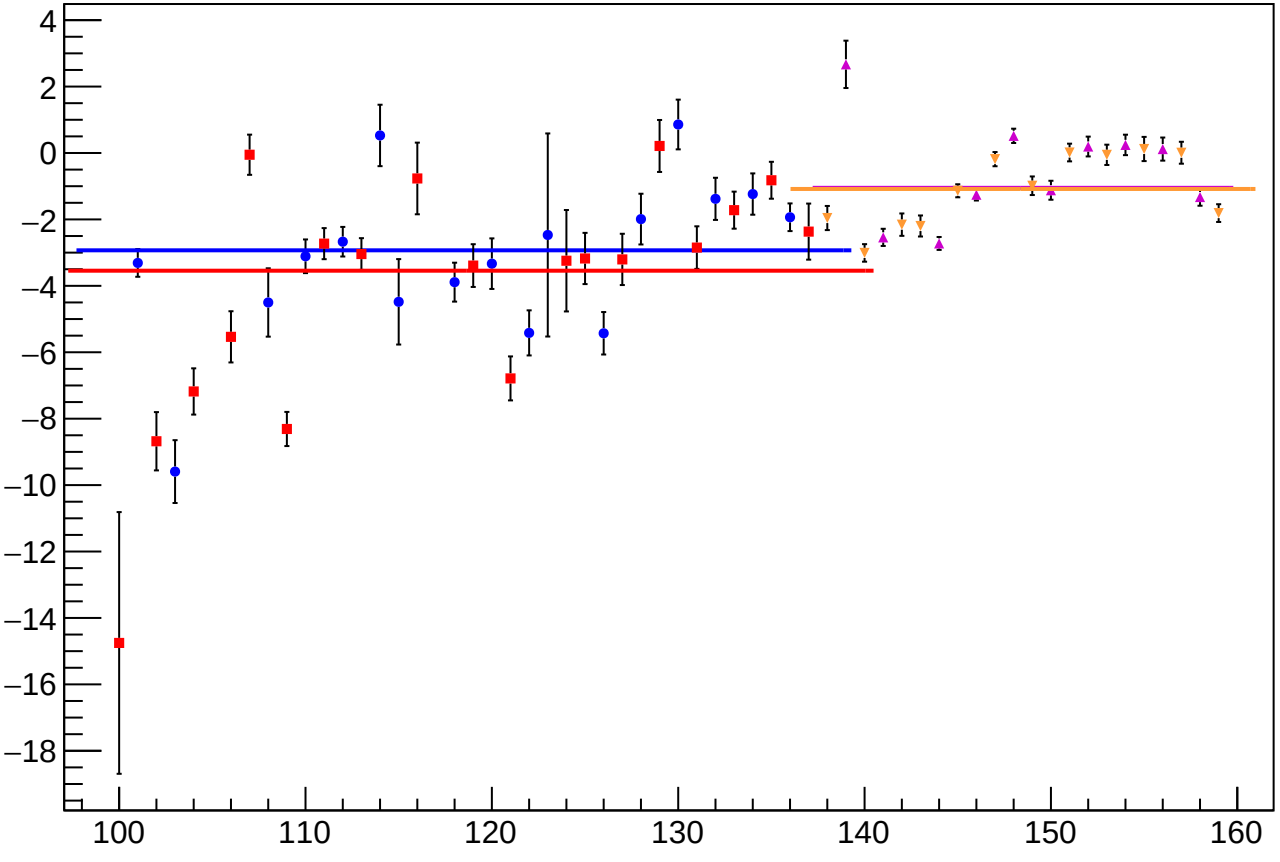
Left In: 1.515+/-0.117 χ^2/NDF:351.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.227+/-0.082 χ^2/NDF: 928.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -1.083+/-0.080 χ^2/NDF:156.9/11

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

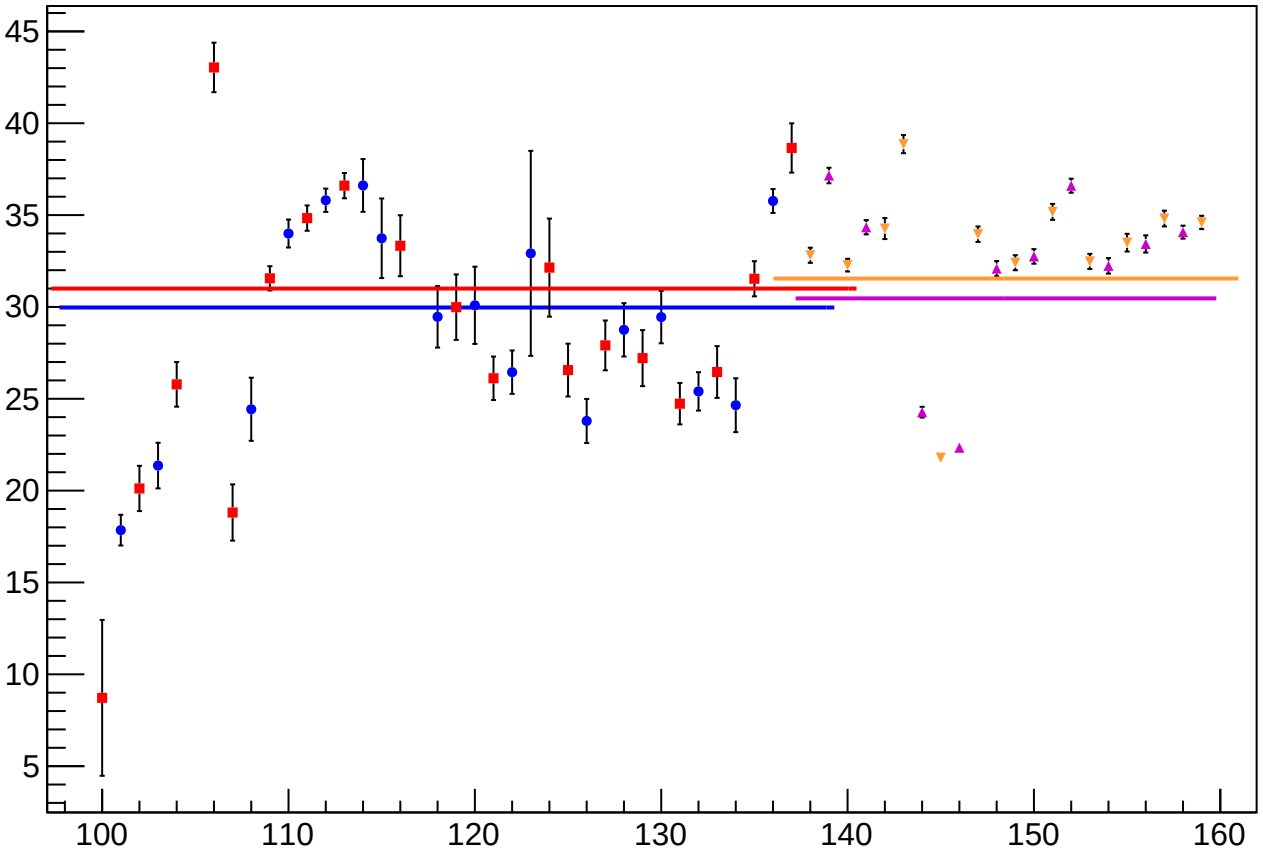
Left In: -1.049+/-0.080 χ^2/NDF:236.3/9

+ sign -1.475+/-0.071 χ^2/NDF: 416.9/28

All: -1.527+/-0.050 χ^2/NDF: 1151.0/57

- sign -1.580+/-0.071 χ^2/NDF: 732.9/28

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 31.546+/-0.114 χ^2/NDF:1923.3/11

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

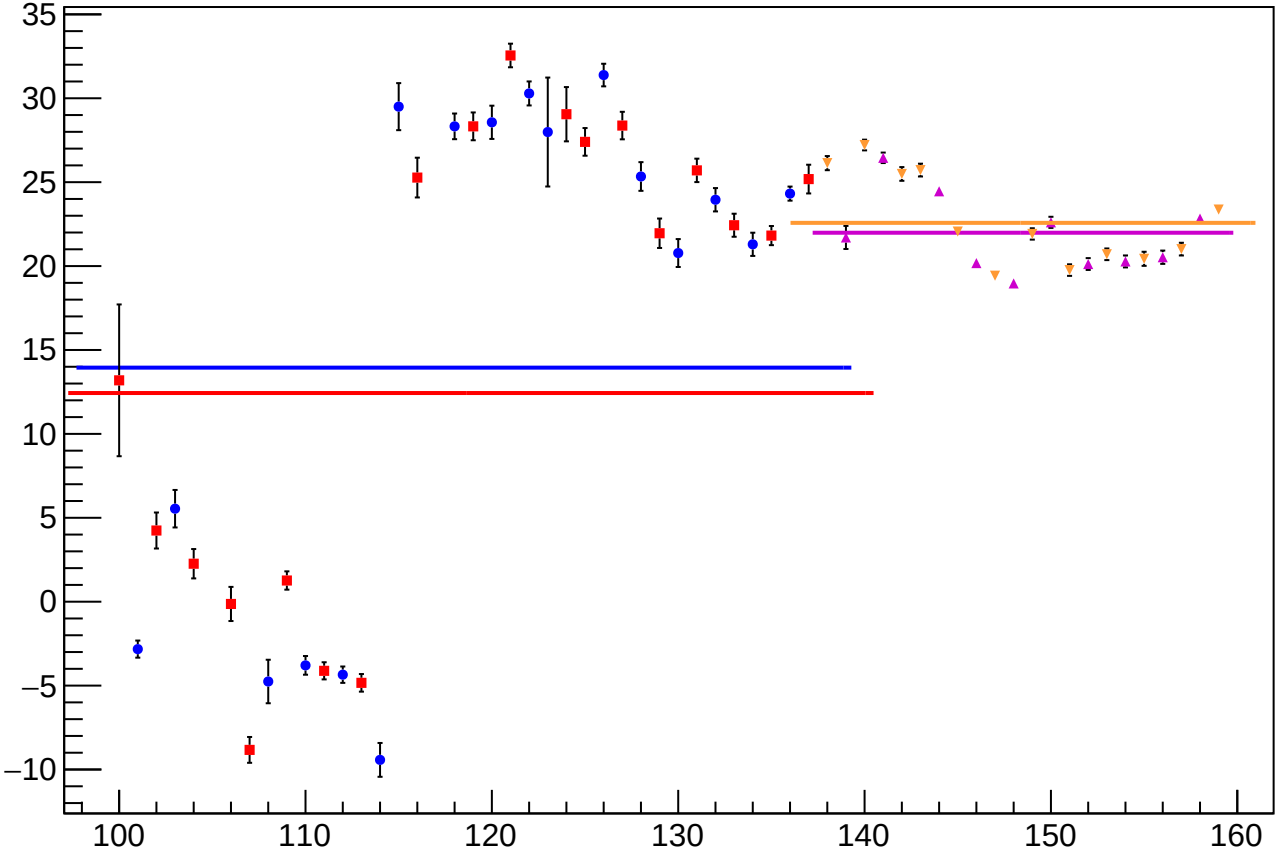
Left In: 30.465+/-0.116 χ^2/NDF:2157.2/9

+ sign 31.300+/-0.105 χ^2/NDF: 2507.1/28

All: 30.929+/-0.075 χ^2/NDF: 5172.4/57

- sign 30.553+/-0.106 χ^2/NDF: 2640.2/28

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 22.576+/-0.095 χ^2/NDF:671.0/11

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

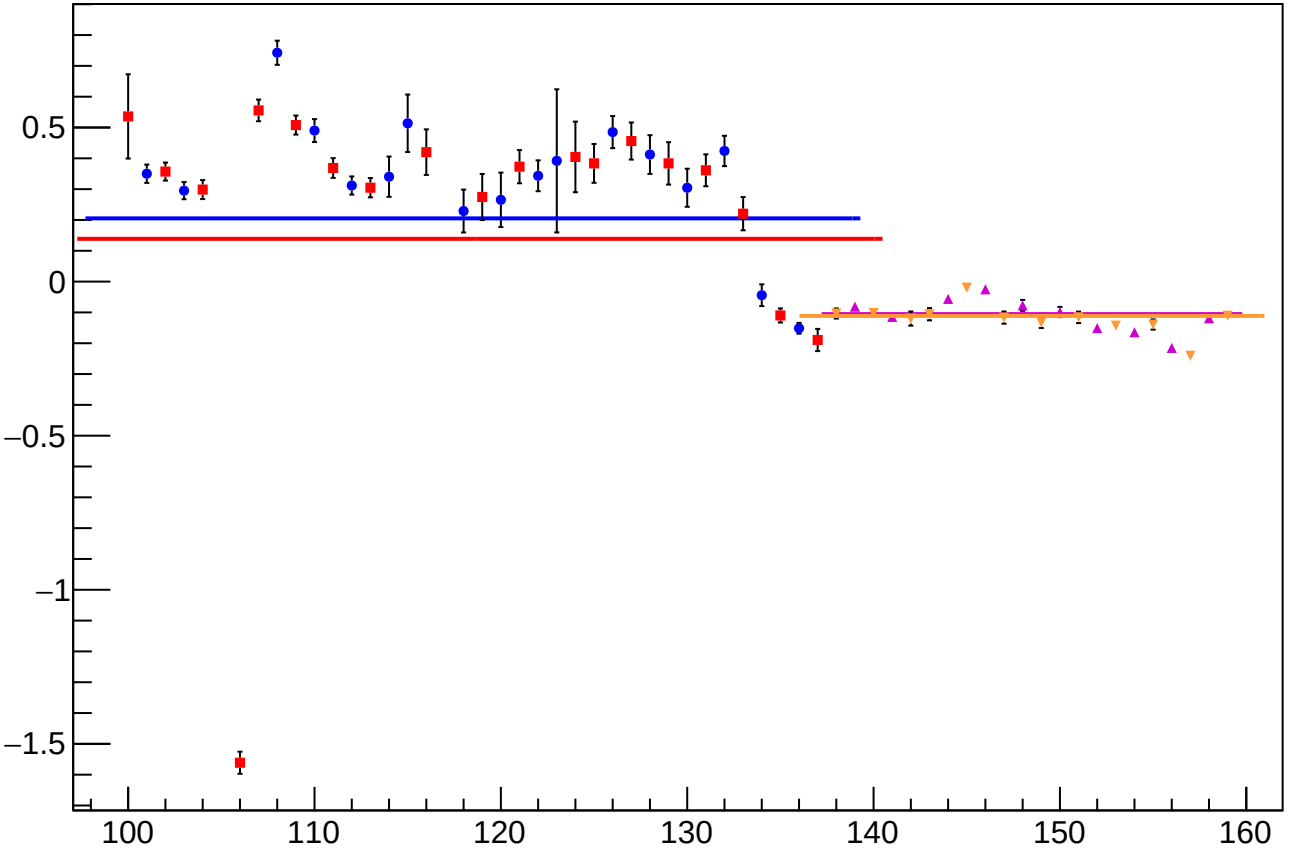
Left In: 21.987+/-0.096 χ^2/NDF:565.8/9

+ sign 20.547+/-0.083 χ^2/NDF: 9988.3/28

All: 20.145+/-0.059 χ^2/NDF: 19875.4/57

- sign 19.734+/-0.084 χ^2/NDF: 9840.1/28

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205+/-0.009 χ^2/NDF: 846.2/16

Left Out: -0.111+/-0.004 χ^2/NDF:170.4/11

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

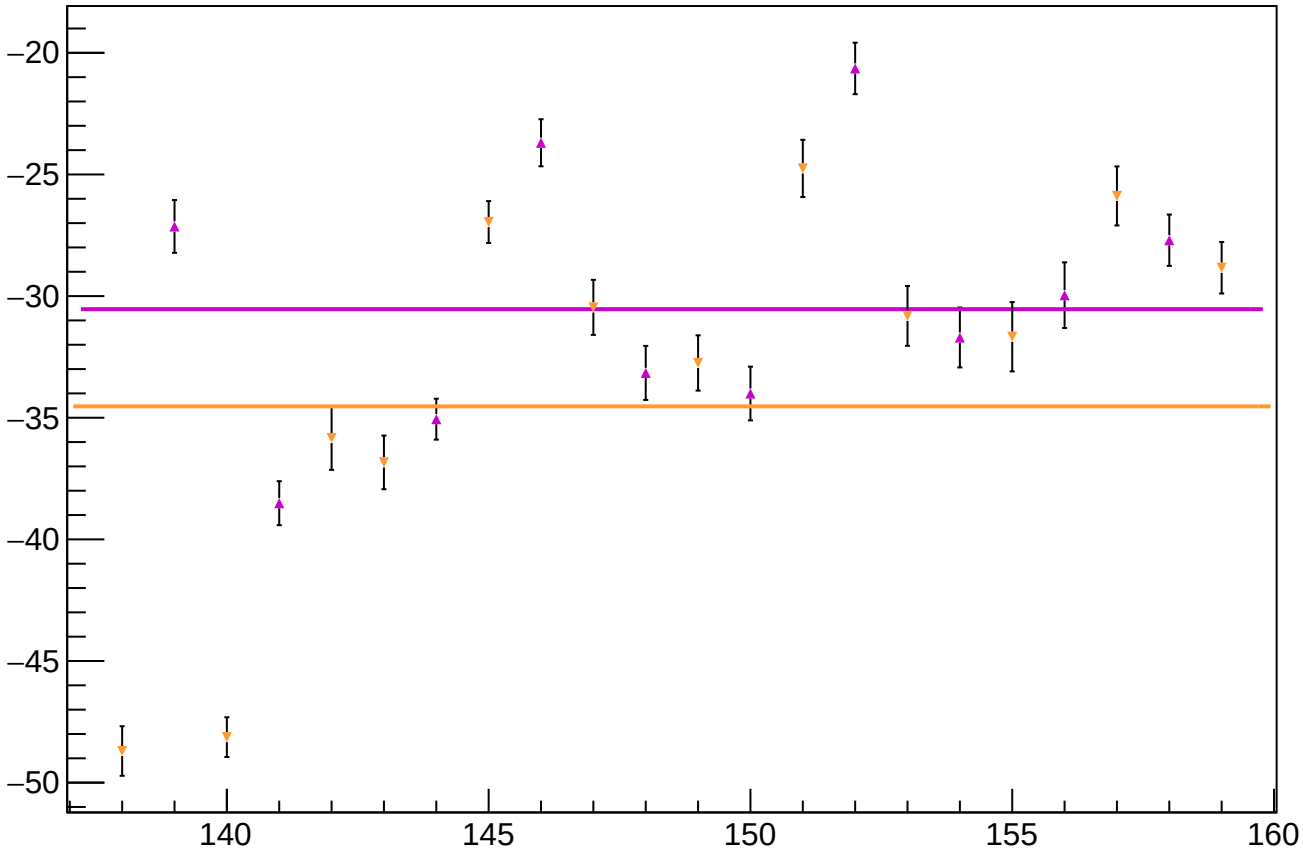
Left In: -0.106+/-0.005 χ^2/NDF:137.1/9

+ sign -0.052+/-0.004 χ^2/NDF: 1945.9/28

All: -0.054+/-0.003 χ^2/NDF: 5664.5/57

- sign -0.056+/-0.004 χ^2/NDF: 3718.1/28

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.533+/-0.313 χ^2/NDF:730.8/11

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

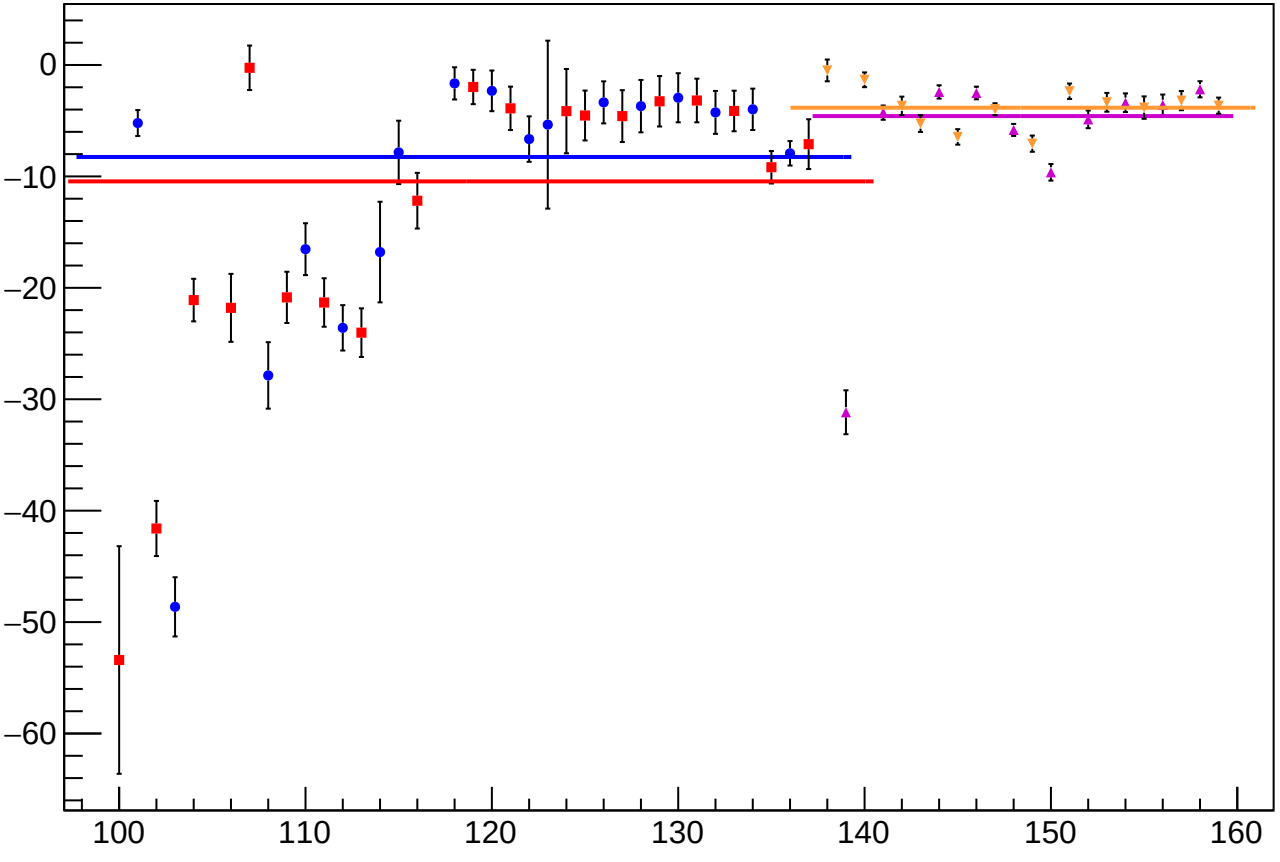
Left In: -30.537+/-0.330 χ^2/NDF:277.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.642+/-0.227 χ^2/NDF: 1085.5/21

- 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: -3.834+/-0.214 χ^2/NDF:69.2/11

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

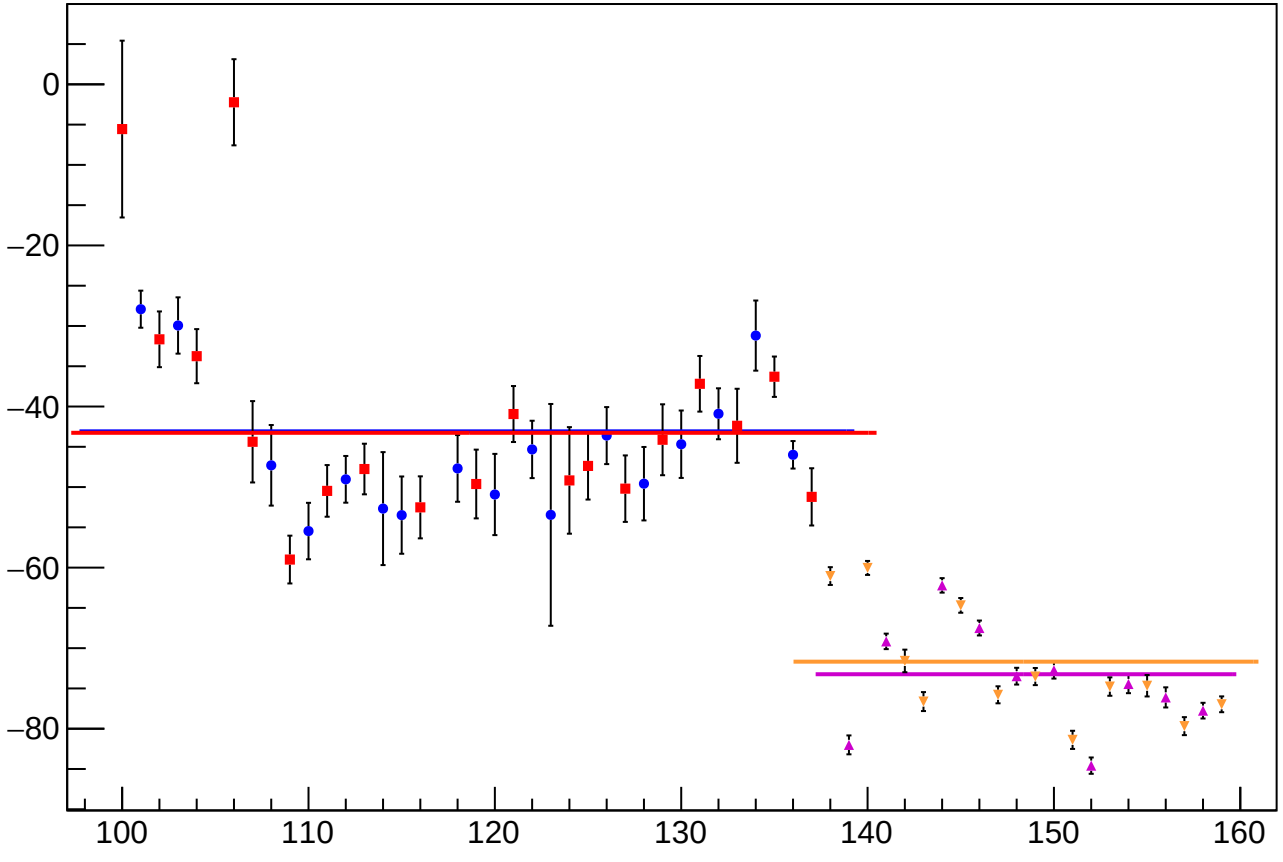
Left In: -4.586+/-0.224 χ^2/NDF:274.4/9

+ sign -4.618+/-0.195 χ^2/NDF: 556.6/28

All: -5.084+/-0.141 χ^2/NDF: 1389.4/57

- sign -5.595+/-0.204 χ^2/NDF: 820.7/28

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -71.675+/-0.311 χ^2/NDF:533.0/11

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

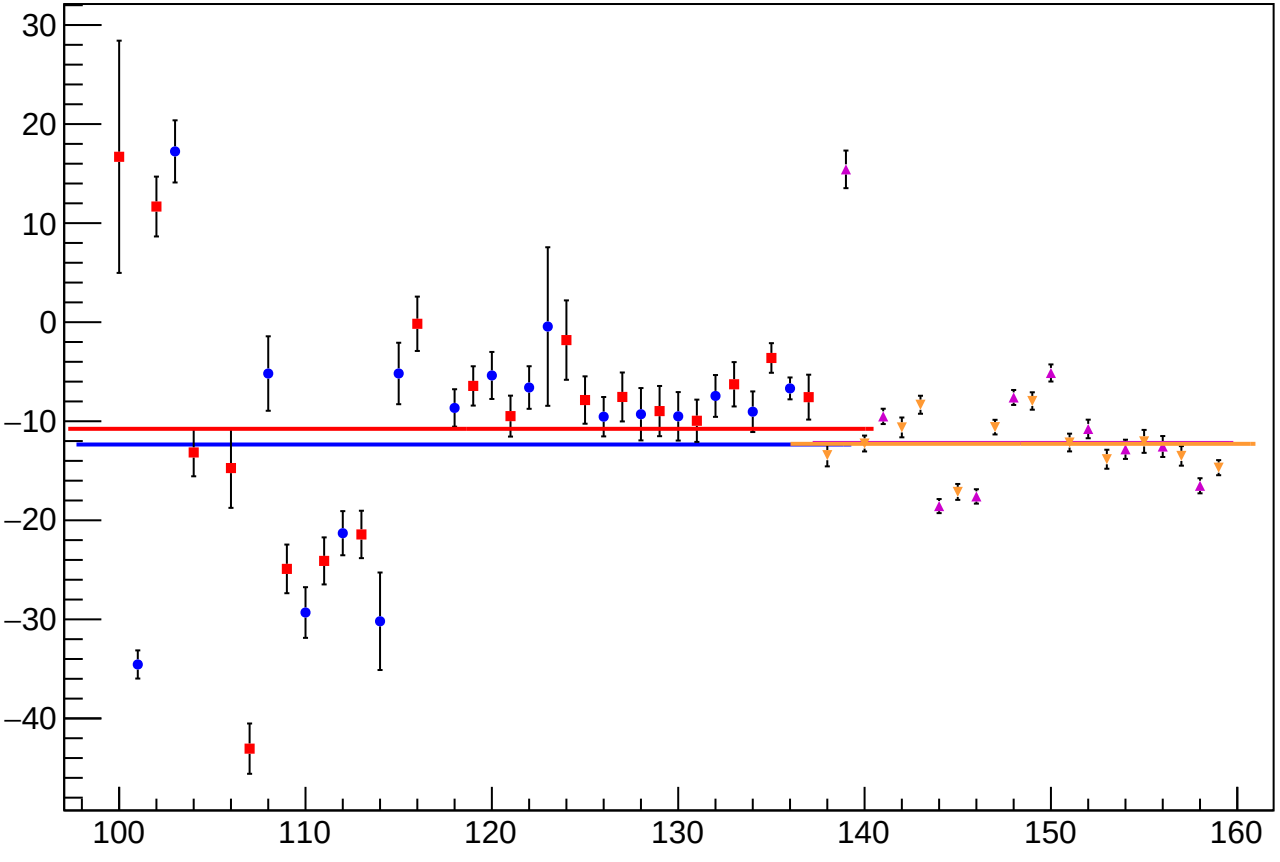
Left In: -73.236+/-0.324 χ^2/NDF:416.0/9

+ sign -68.178+/-0.292 χ^2/NDF: 1663.3/28

All: -68.836+/-0.210 χ^2/NDF: 3293.6/57

- sign -69.550+/-0.304 χ^2/NDF: 1619.8/28

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -12.280+/-0.258 χ^2/NDF:102.8/11

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

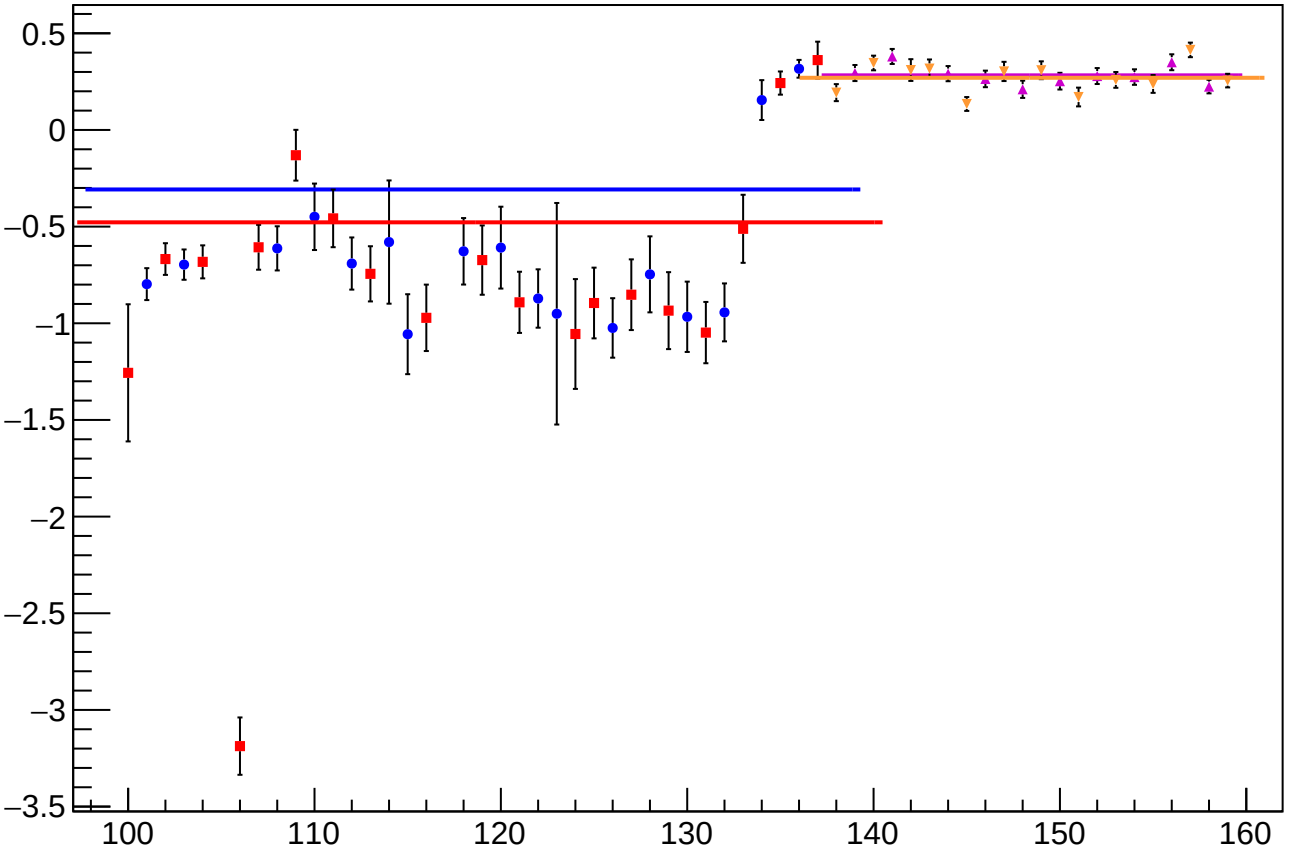
Left In: -12.190+/-0.270 χ^2/NDF:498.1/9

+ sign -12.293+/-0.231 χ^2/NDF: 578.7/28

All: -12.114+/-0.167 χ^2/NDF: 1450.2/57

- sign -11.916+/-0.243 χ^2/NDF: 870.2/28

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308+/-0.028 χ^2/NDF: 372.4/16

Left Out: 0.270+/-0.012 χ^2/NDF:43.6/11

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

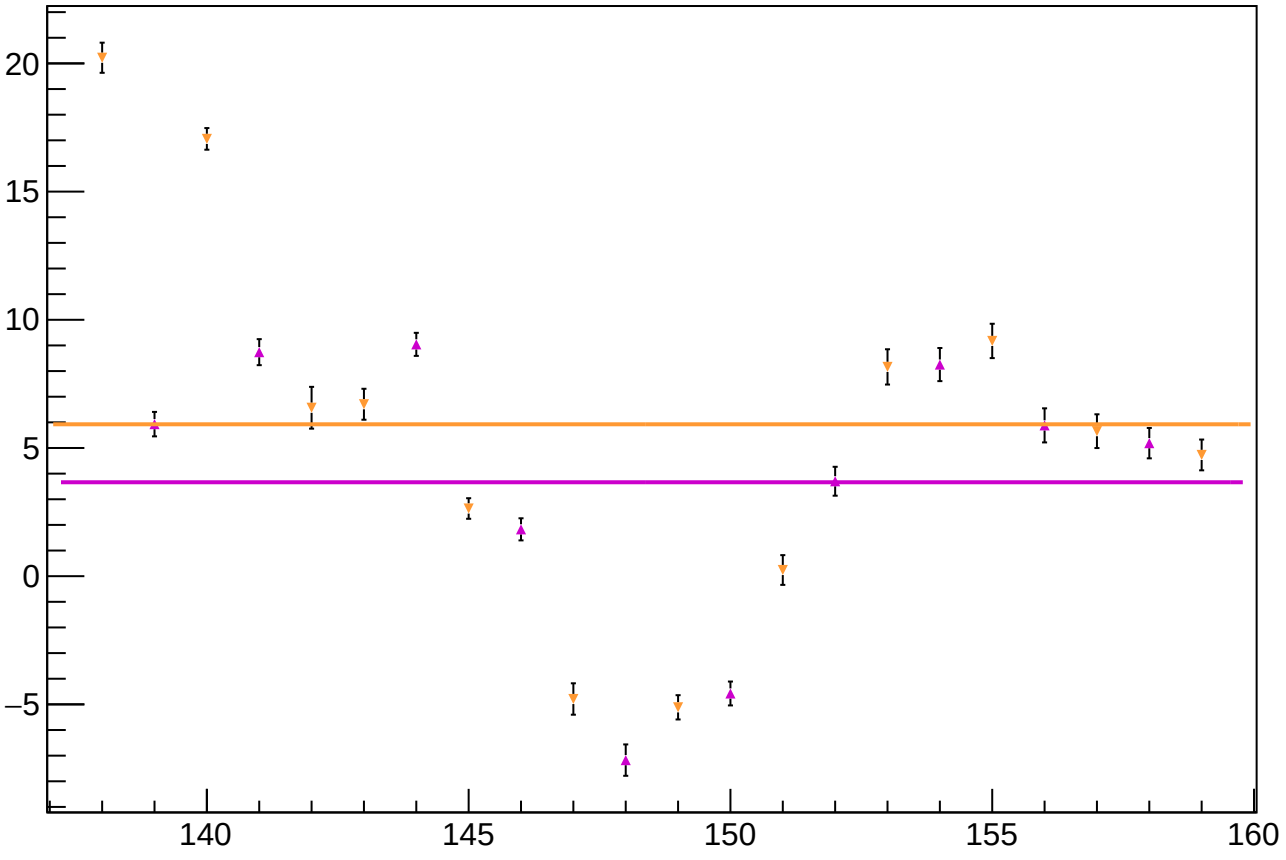
Left In: 0.282+/-0.013 χ^2/NDF:15.2/9

+ sign 0.174+/-0.011 χ^2/NDF: 783.6/28

All: 0.165+/-0.008 χ^2/NDF: 2022.3/57

- sign 0.155+/-0.012 χ^2/NDF: 1237.3/28

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.924+/-0.161 χ^2/NDF:2340.0/11

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

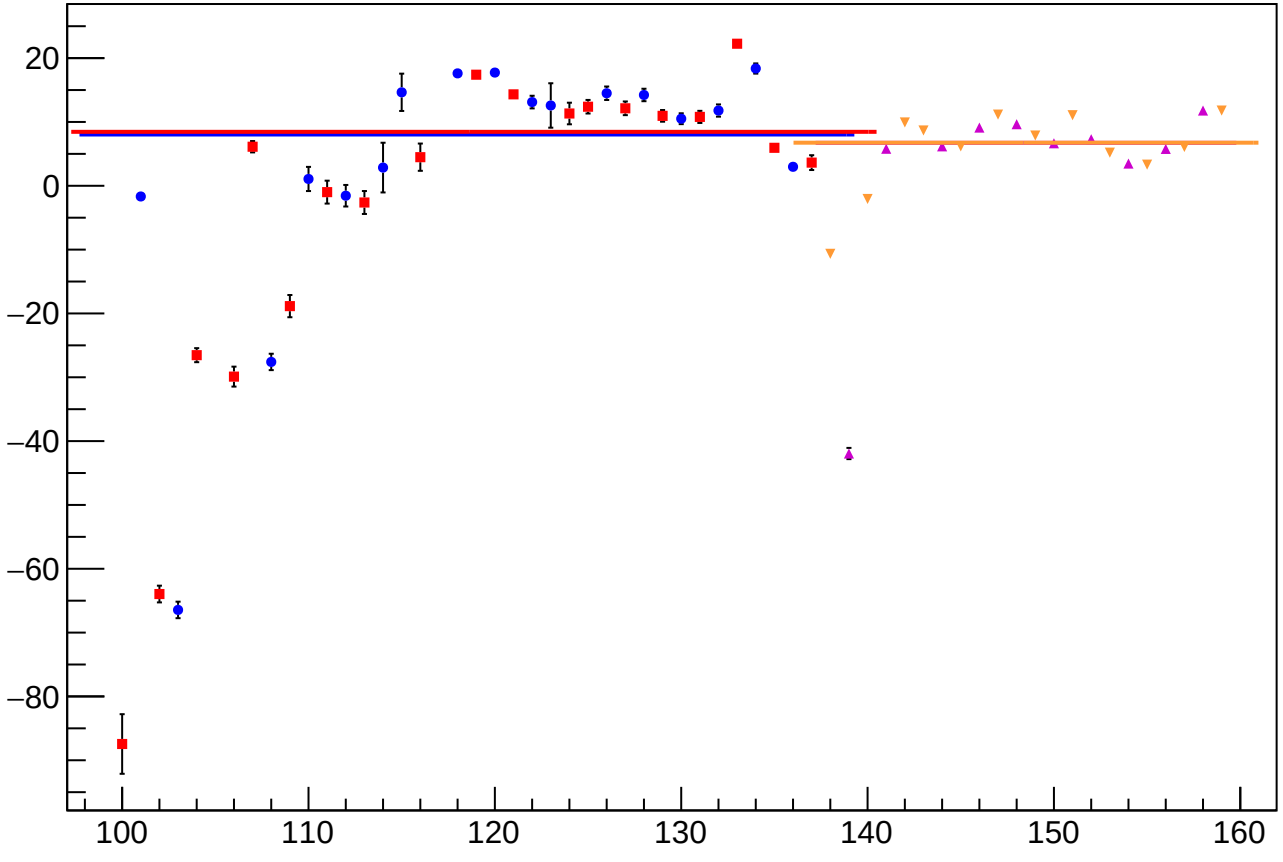
Left In: 3.663+/-0.165 χ^2/NDF:978.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.823+/-0.115 χ^2/NDF: 3414.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 6.751+/-0.112 χ^2/NDF:2158.5/11

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

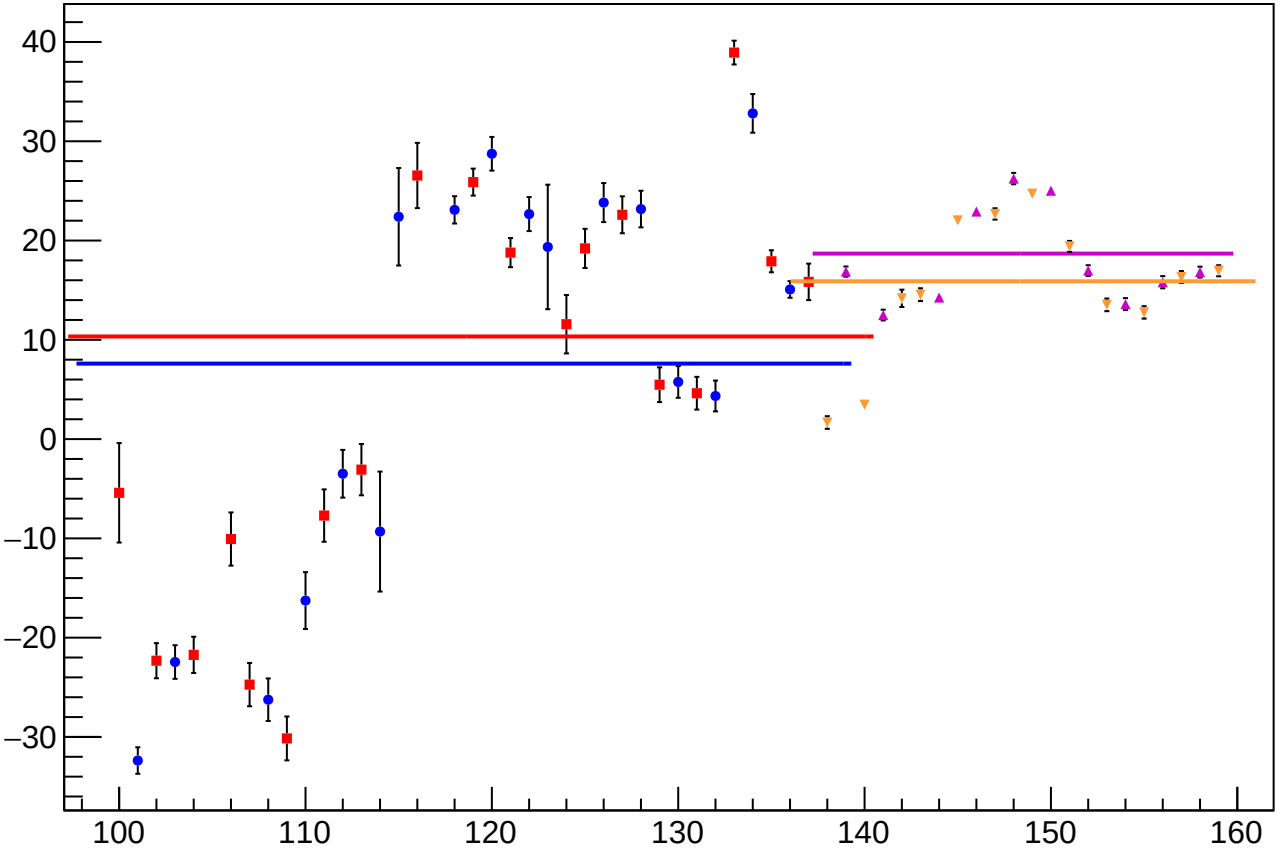
Left In: 6.724+/-0.116 χ^2/NDF:3453.9/9

+ sign 7.025+/-0.099 χ^2/NDF: 7556.0/28

All: 7.071+/-0.071 χ^2/NDF: 17765.4/57

- sign 7.120+/-0.102 χ^2/NDF: 10209.0/28

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 15.895+/-0.160 χ^2/NDF:2100.0/11

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

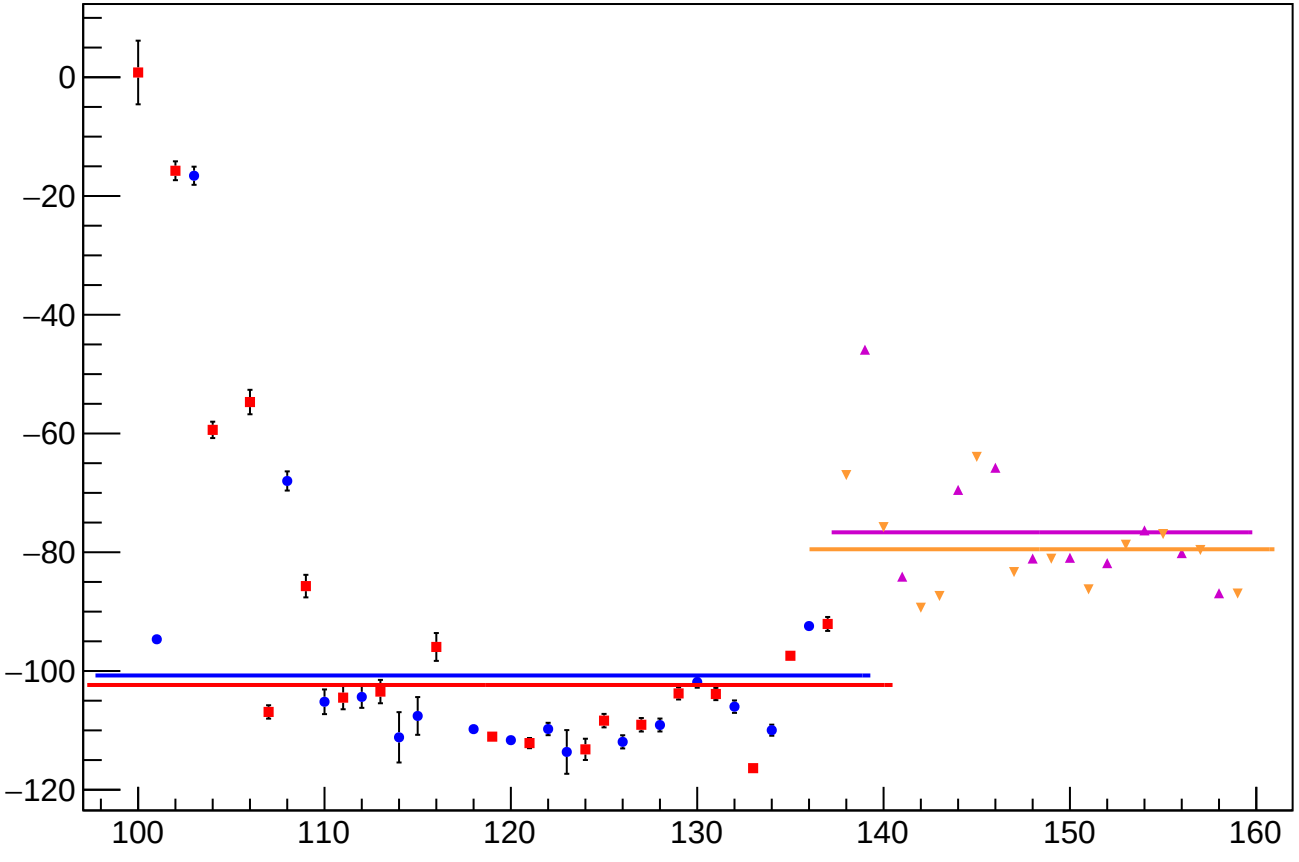
Left In: 18.686+/-0.163 χ^2/NDF:832.8/9

+ sign 14.826+/-0.149 χ^2/NDF: 4771.4/28

All: 16.184+/-0.106 χ^2/NDF: 8402.6/57

- sign 17.582+/-0.151 χ^2/NDF: 3463.3/28

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -79.496+/-0.134 χ^2/NDF:3262.3/11

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

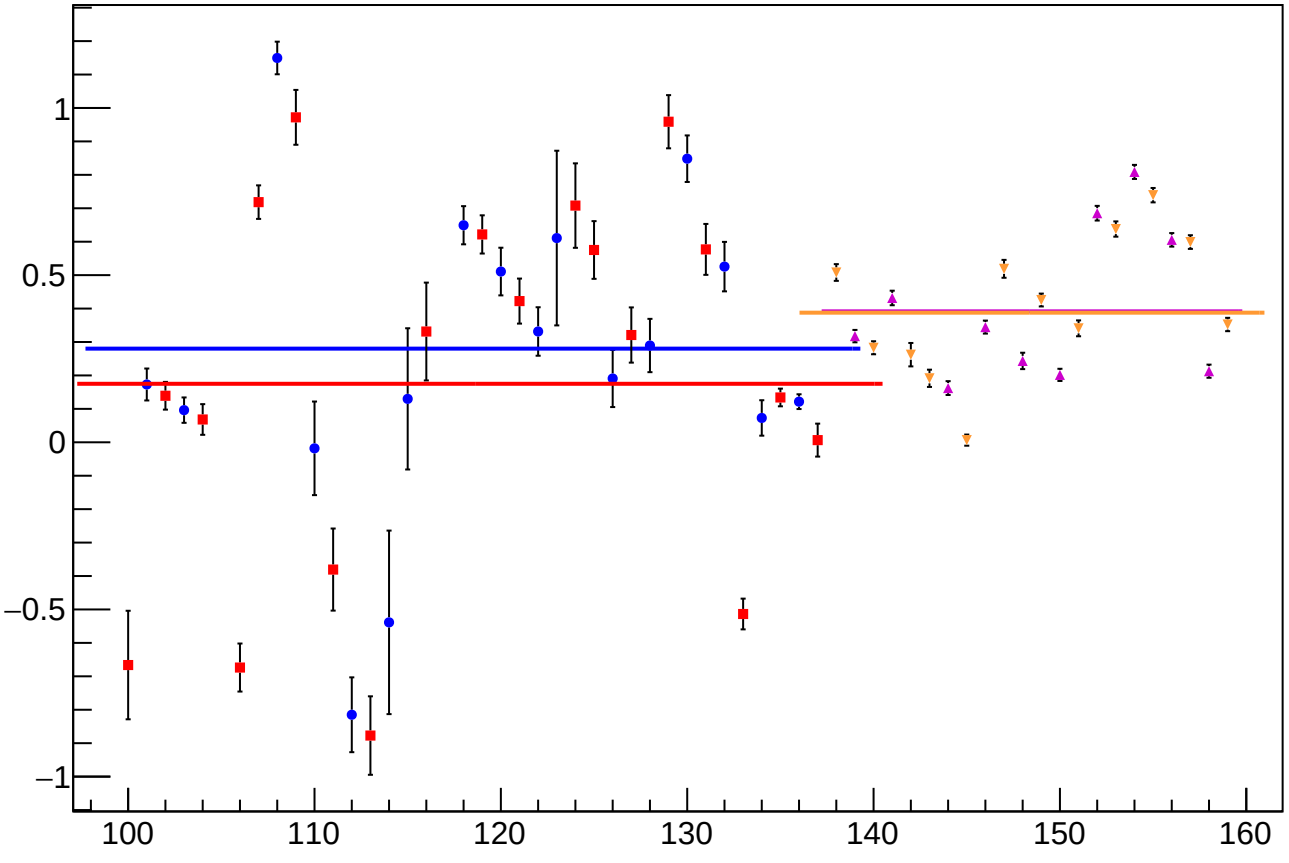
Left In: -76.643+/-0.139 χ^2/NDF:3936.2/9

+ sign -84.301+/-0.118 χ^2/NDF: 13470.5/28

All: -83.580+/-0.084 χ^2/NDF: 31844.1/57

- sign -82.824+/-0.121 χ^2/NDF: 18297.1/28

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280+/-0.013 χ^2/NDF: 656.0/16

Left Out: 0.388+/-0.006 χ^2/NDF:1173.9/11

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

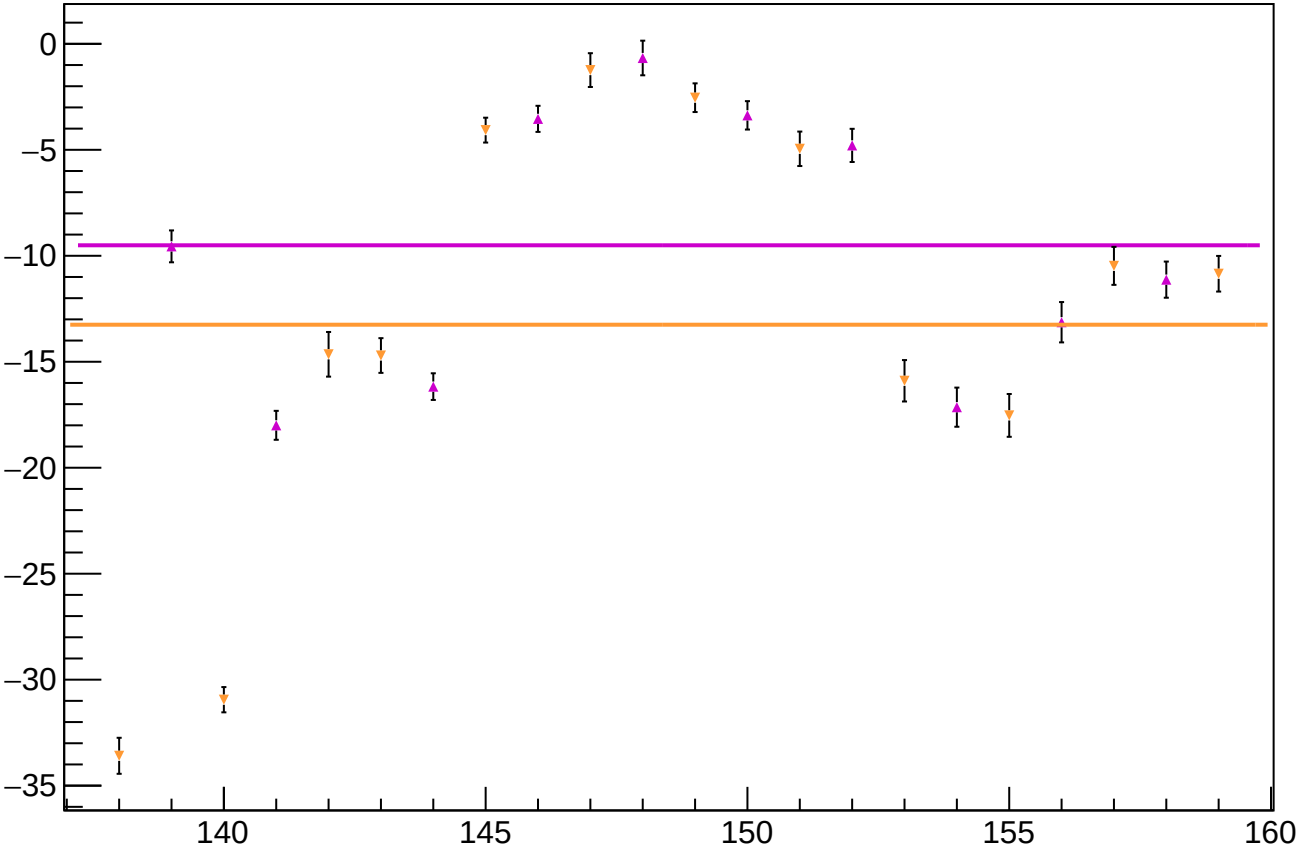
Left In: 0.392+/-0.006 χ^2/NDF:1059.7/9

+ sign 0.368+/-0.006 χ^2/NDF: 1882.2/28

All: 0.360+/-0.004 χ^2/NDF: 4124.2/57

- sign 0.351+/-0.006 χ^2/NDF: 2237.6/28

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.252+/-0.227 χ^2/NDF:2329.4/11

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

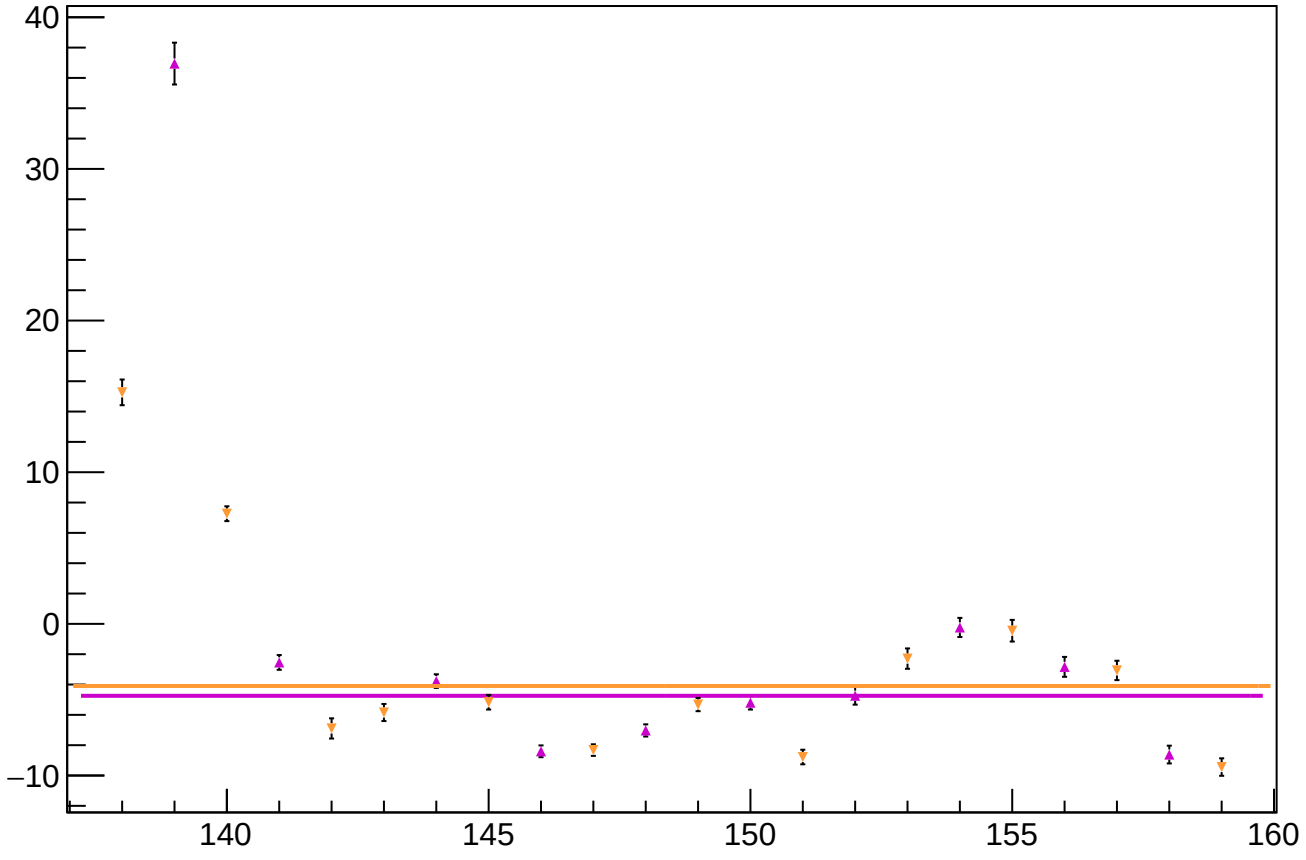
Left In: -9.505+/-0.235 χ^2/NDF:684.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.447+/-0.163 χ^2/NDF: 3145.7/21

- 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: -4.095+/-0.155 χ^2/NDF:1442.1/11

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

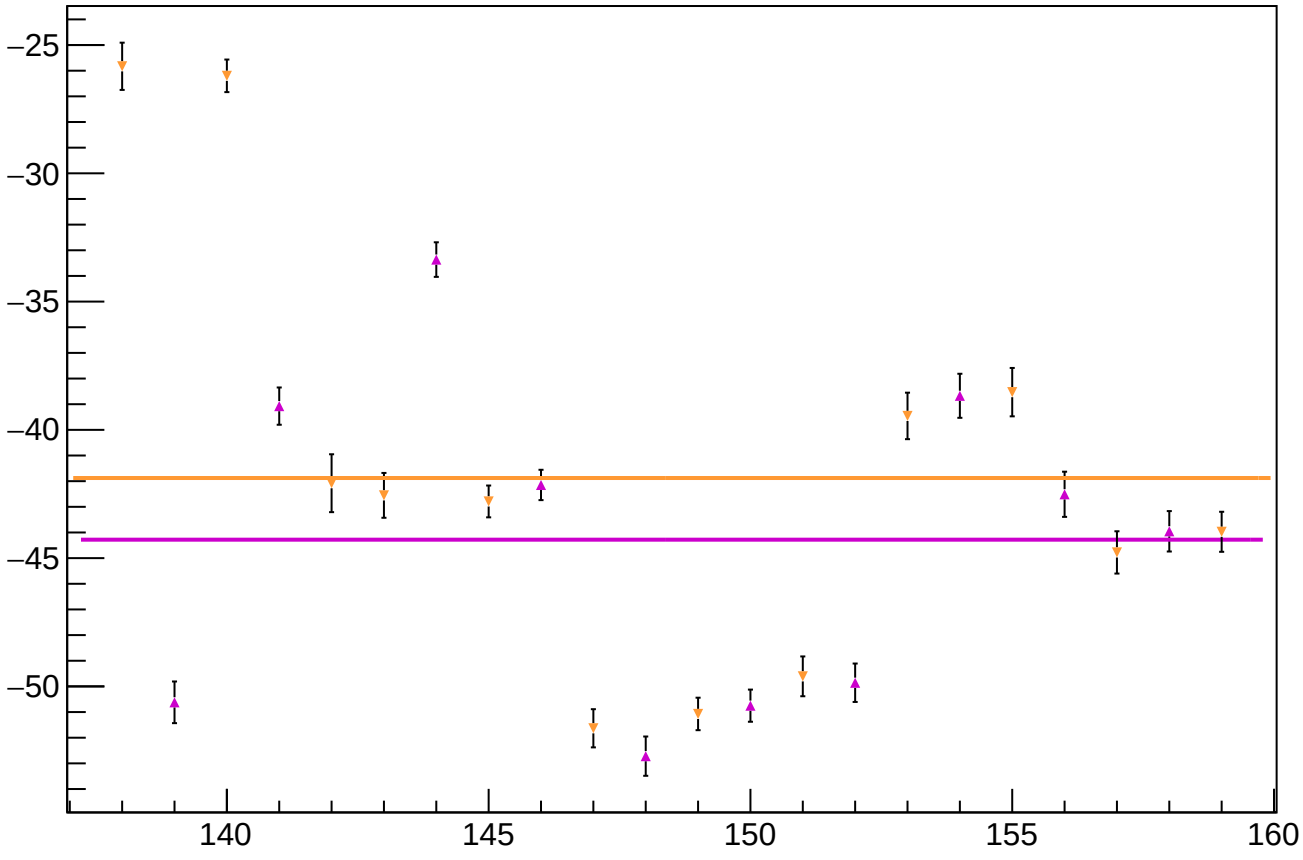
Left In: -4.744+/-0.162 χ^2/NDF:1164.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.406+/-0.112 χ^2/NDF: 2614.4/21

- 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: -41.877+/-0.225 χ^2/NDF:1437.6/11

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

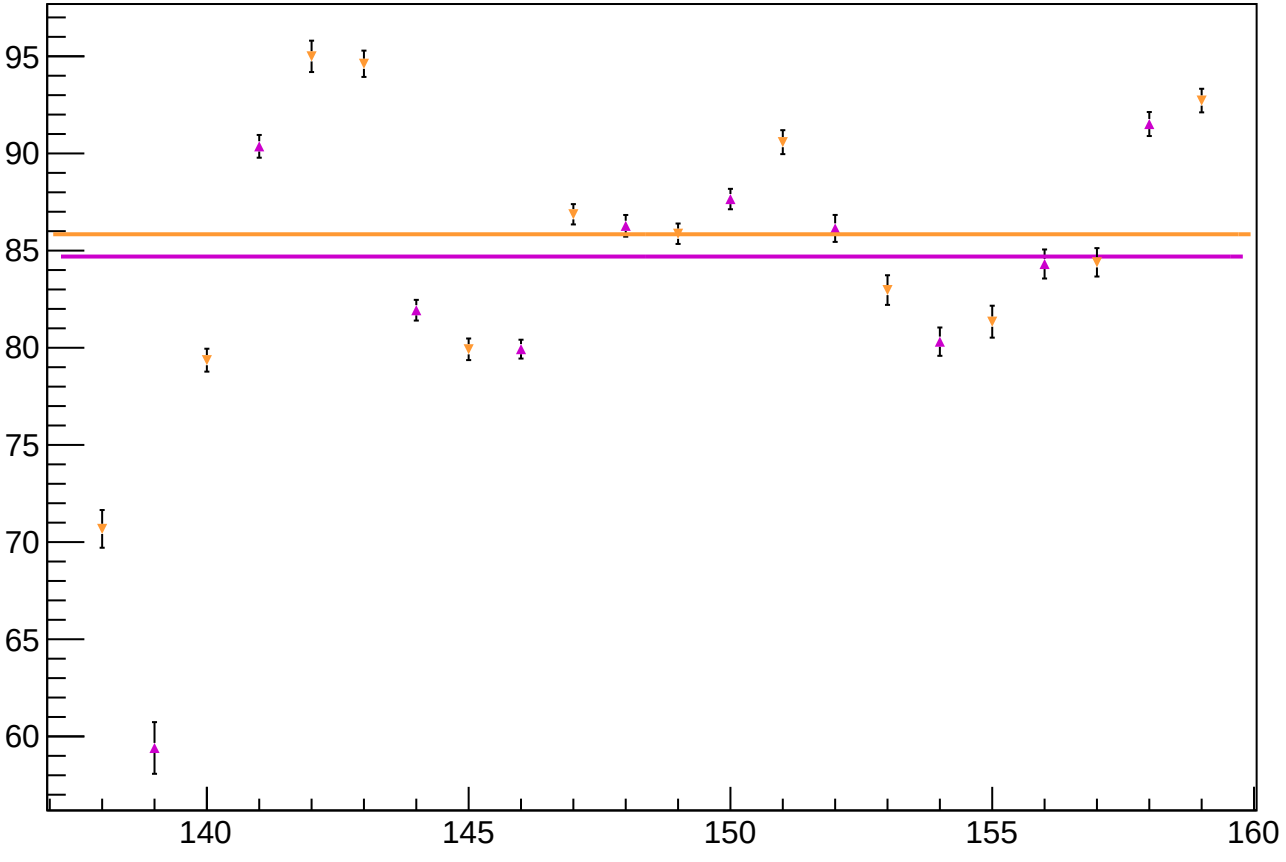
Left In: -44.281+/-0.231 χ^2/NDF:718.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.047+/-0.161 χ^2/NDF: 2211.4/21

- 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: 85.841+/-0.187 χ^2/NDF:1014.3/11

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

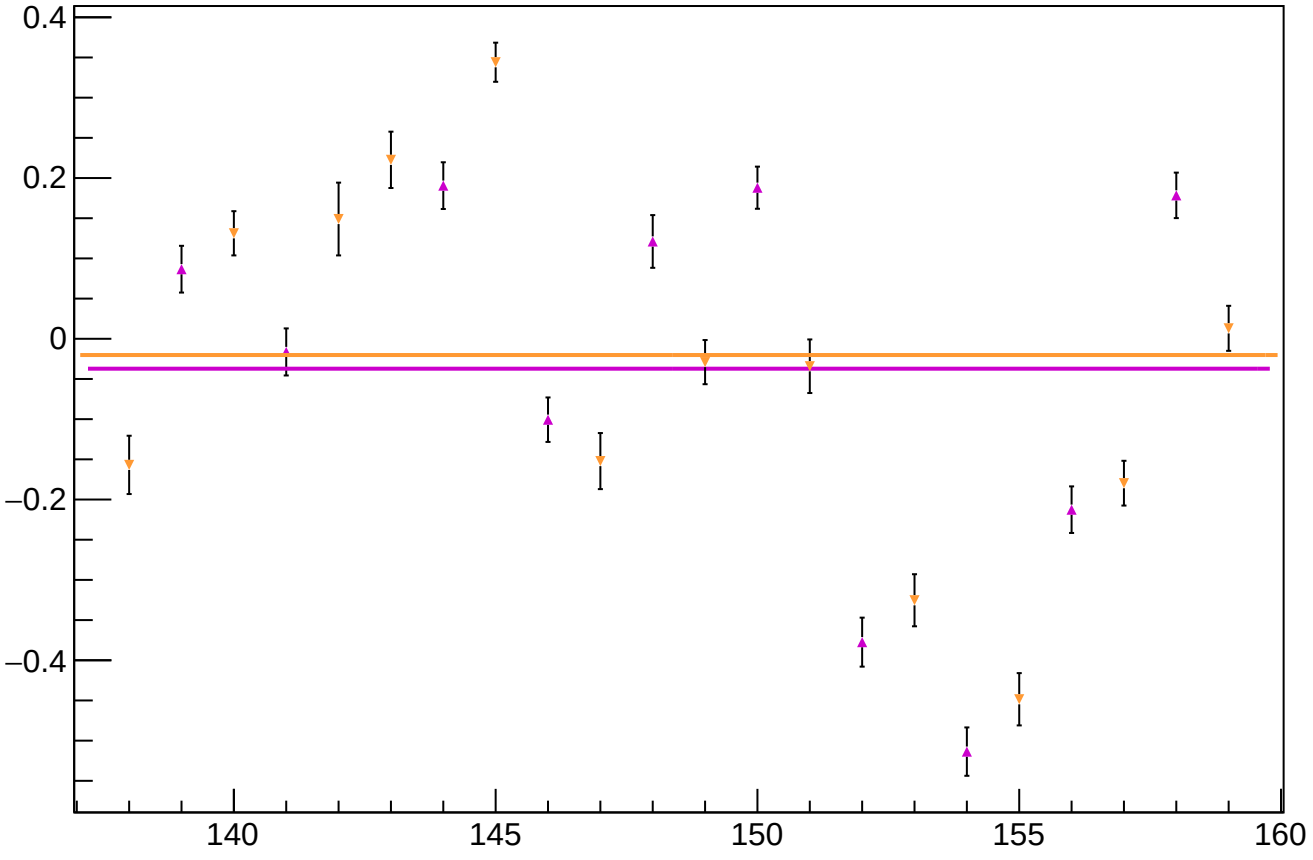
Left In: 84.694+/-0.194 χ^2/NDF:781.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 85.290+/-0.135 χ^2/NDF: 1813.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.020+/-0.009 χ^2/NDF:641.2/11

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

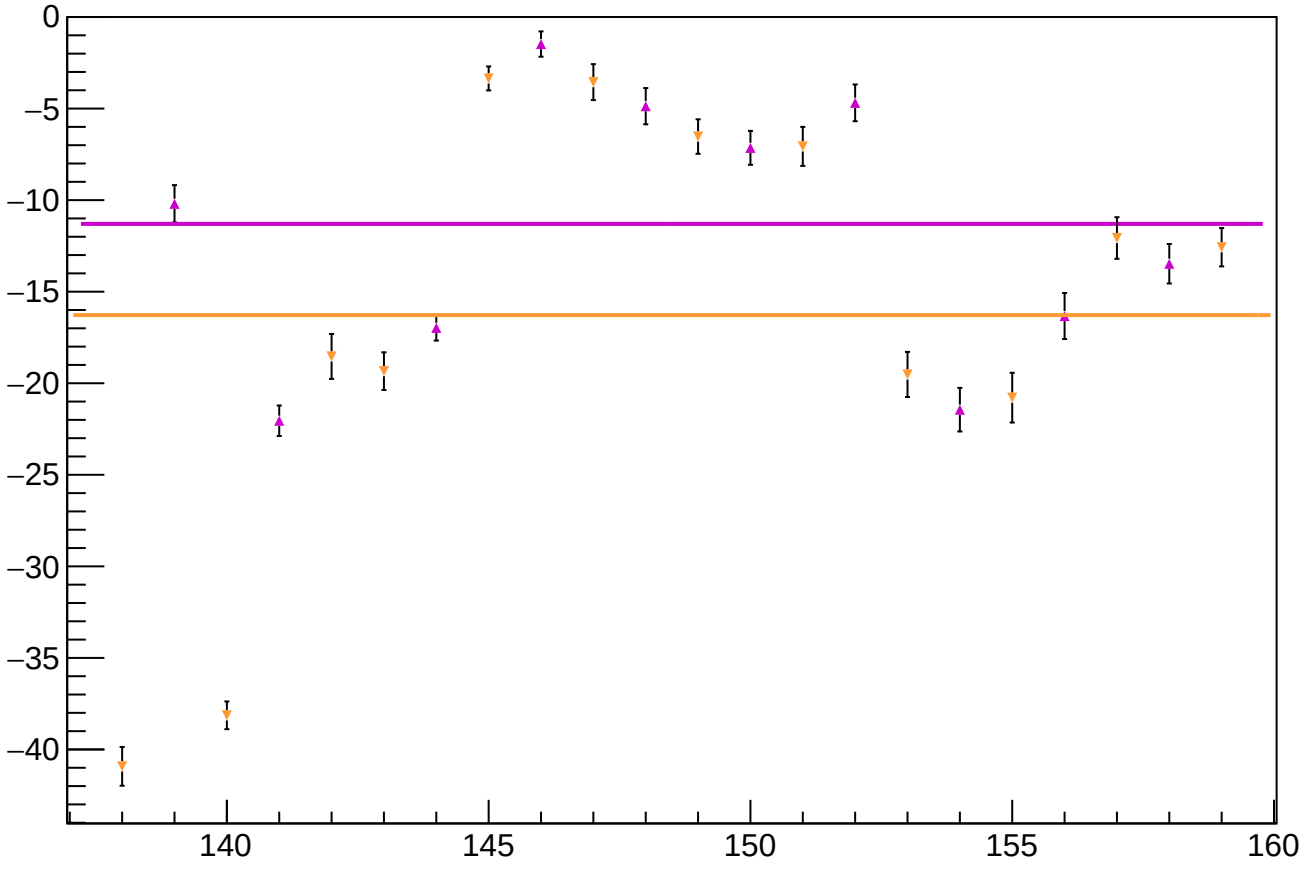
Left In: -0.037+/-0.009 χ^2/NDF:652.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.028+/-0.006 χ^2/NDF: 1295.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.280+/-0.283 χ^2/NDF:2171.7/11

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

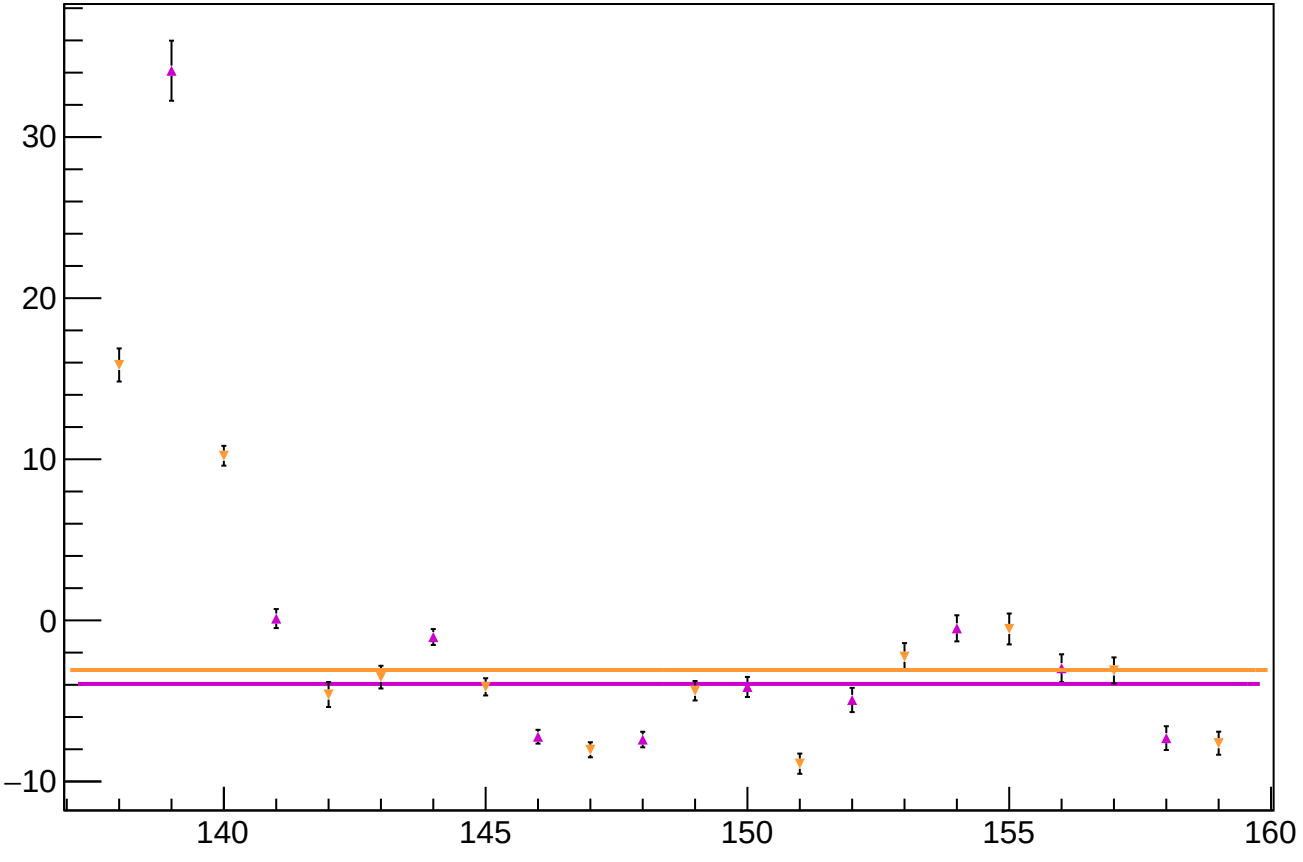
Left In: -11.298+/-0.289 χ^2/NDF:634.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.846+/-0.202 χ^2/NDF: 2957.9/21

- 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: -3.080+/-0.194 χ^2/NDF:1067.8/11

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

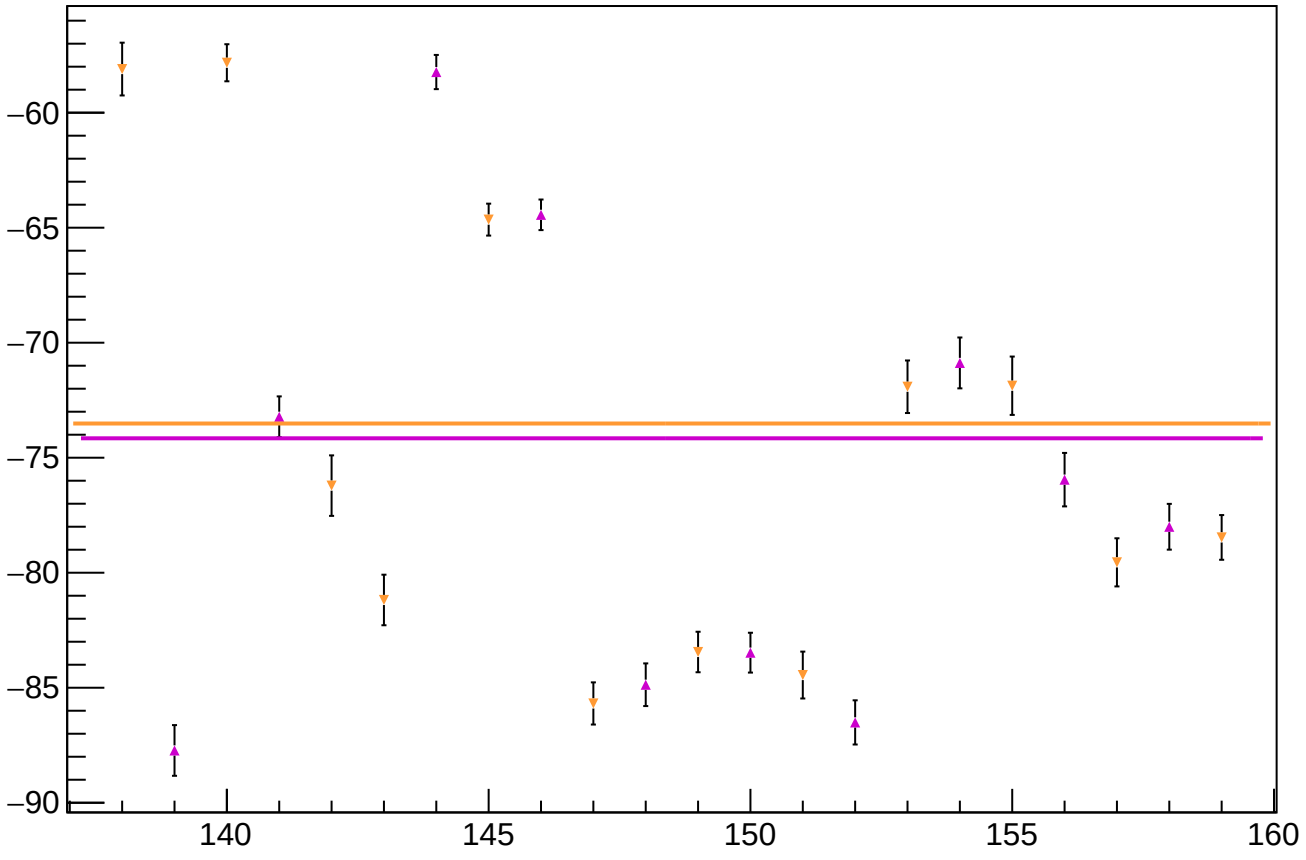
Left In: -3.945+/-0.196 χ^2/NDF:649.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.507+/-0.138 χ^2/NDF: 1727.5/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -73.513+/-0.282 χ^2/NDF:1256.7/11

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

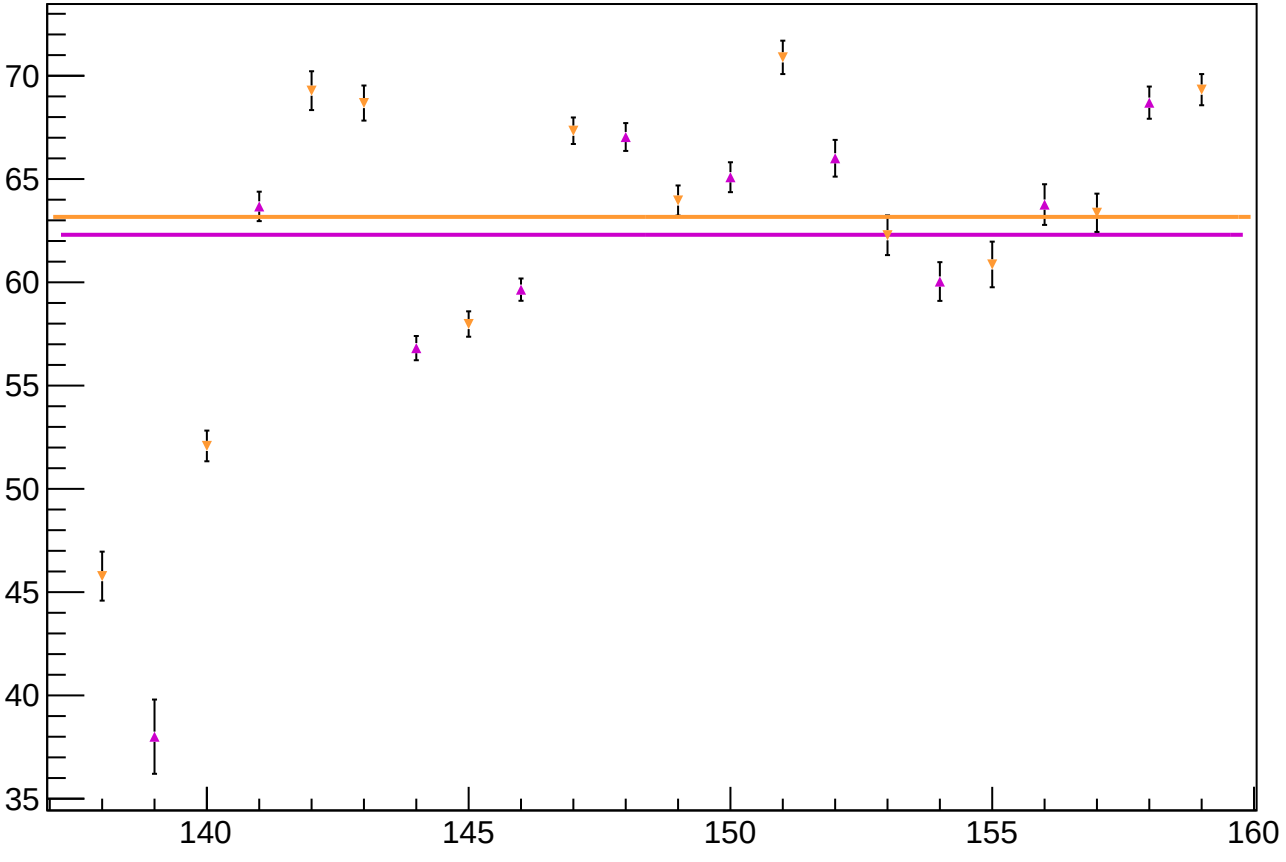
Left In: -74.156+/-0.285 χ^2/NDF:1265.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -73.831+/-0.200 χ^2/NDF: 2524.9/21

- 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: 63.167+/-0.233 χ^2/NDF:800.0/11

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

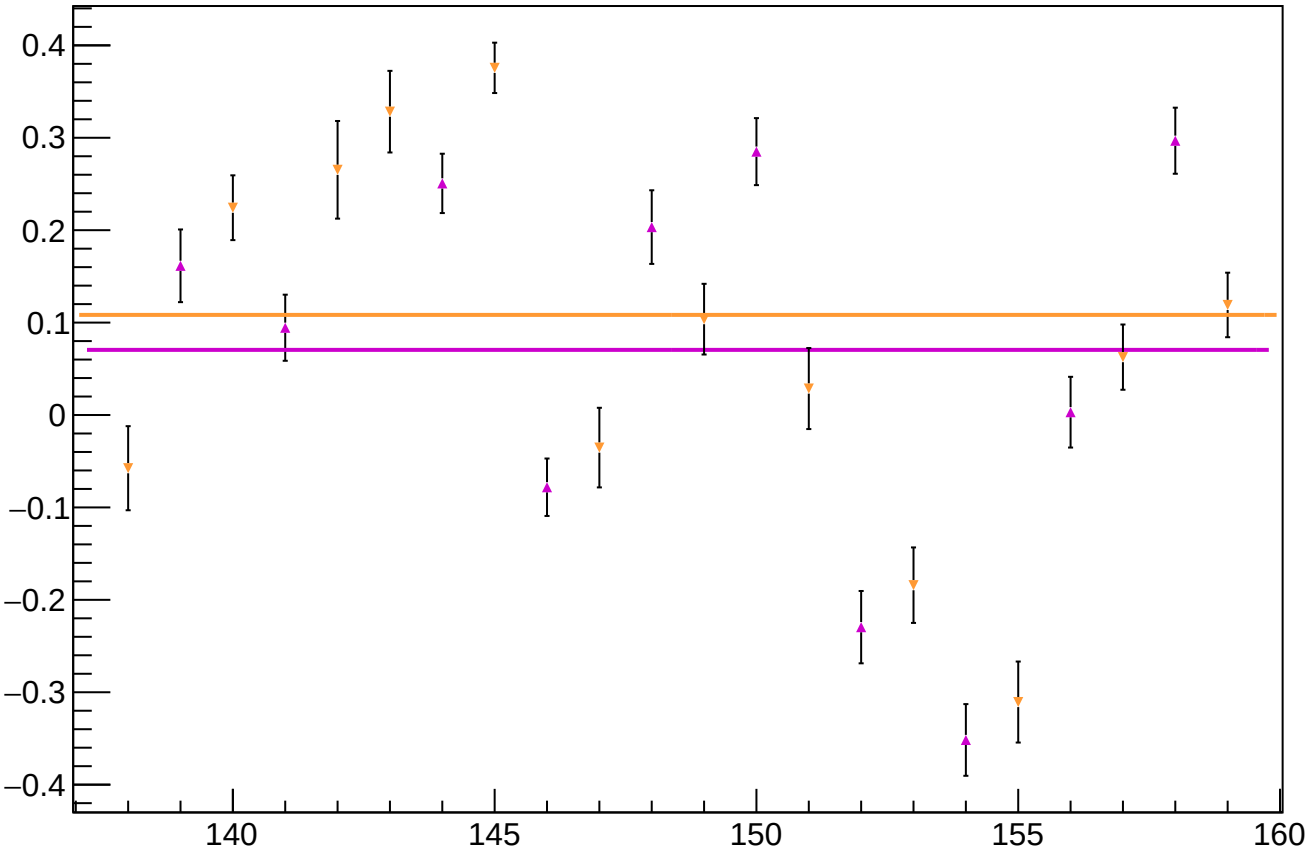
Left In: 62.301+/-0.237 χ^2/NDF:455.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.741+/-0.166 χ^2/NDF: 1261.8/21

- 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+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.108+/-0.011 χ^2/NDF:312.9/11

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

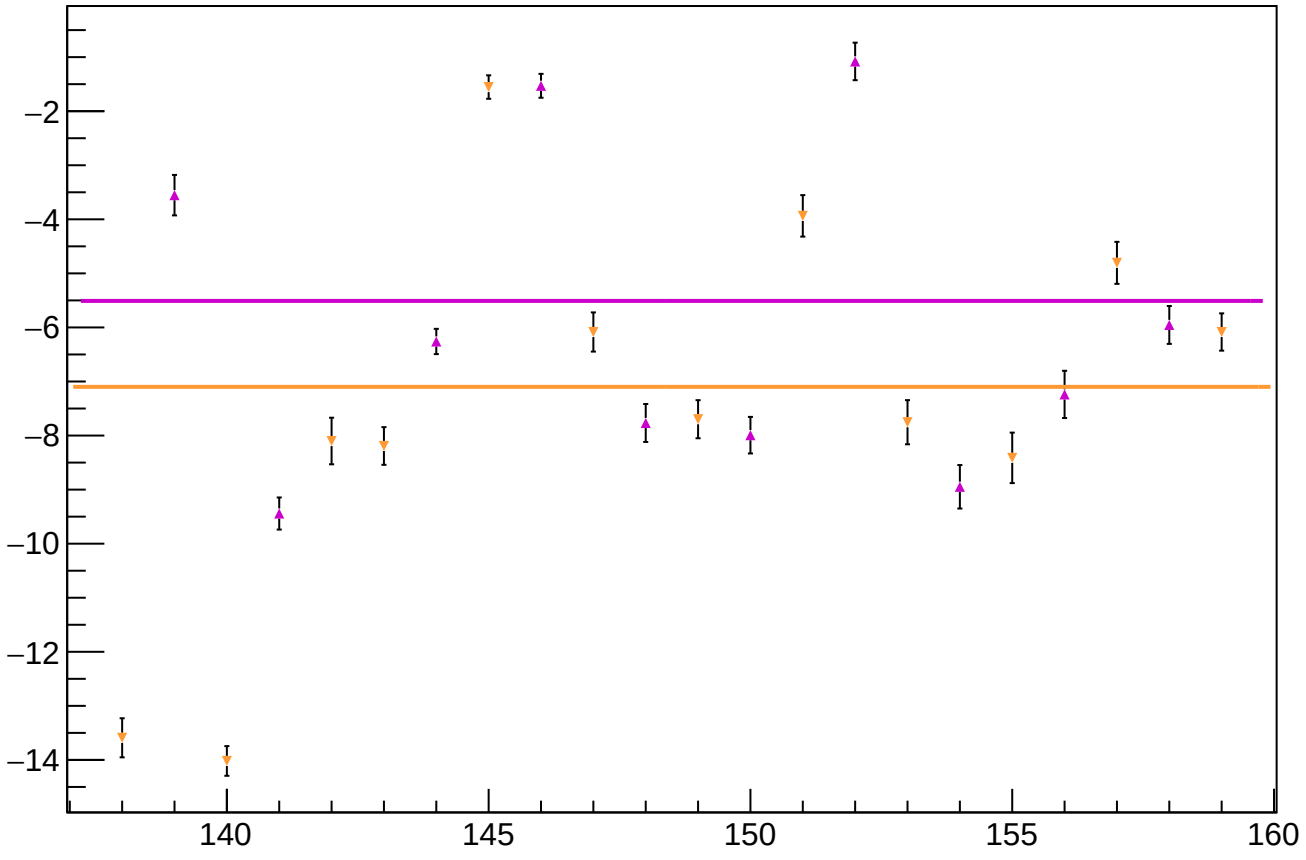
Left In: 0.070+/-0.011 χ^2/NDF:326.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.090+/-0.008 χ^2/NDF: 645.2/21

- sign 0.000+/-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: -7.099+/-0.098 χ^2/NDF:1758.4/11

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

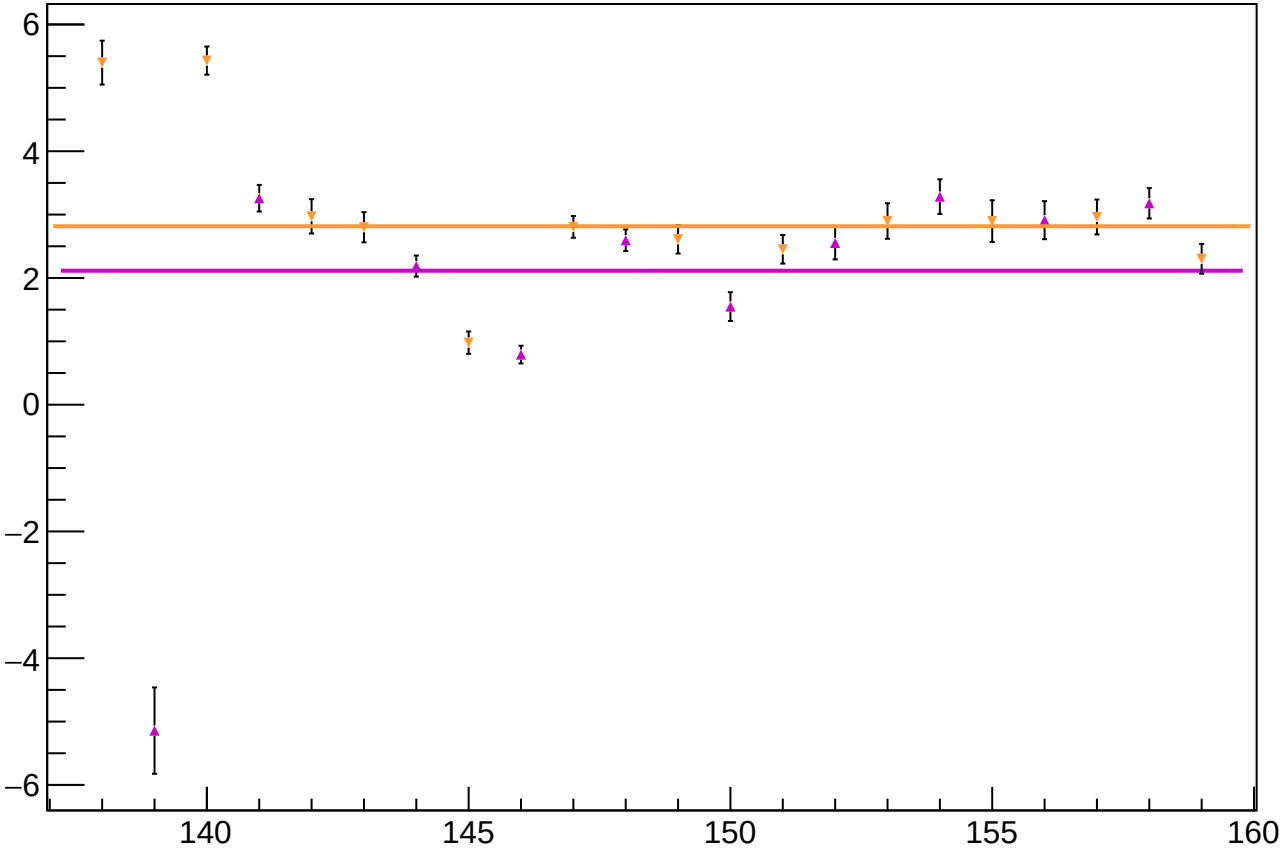
Left In: -5.509+/-0.099 χ^2/NDF:886.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.311+/-0.070 χ^2/NDF: 2774.5/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 2.816+/-0.068 χ^2/NDF:311.2/11

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

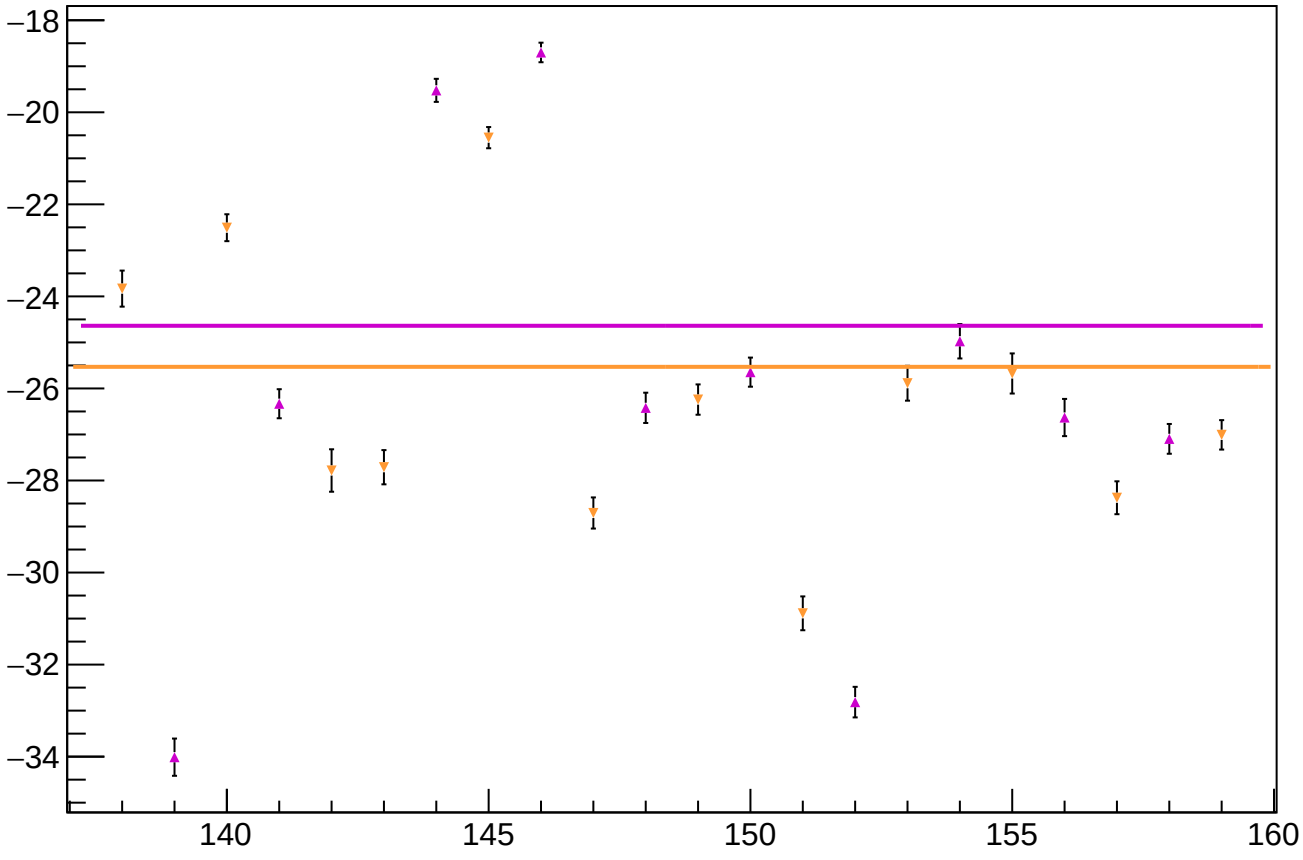
Left In: 2.114+/-0.067 χ^2/NDF:295.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.462+/-0.048 χ^2/NDF: 660.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.530+/-0.098 χ^2/NDF:1042.1/11

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

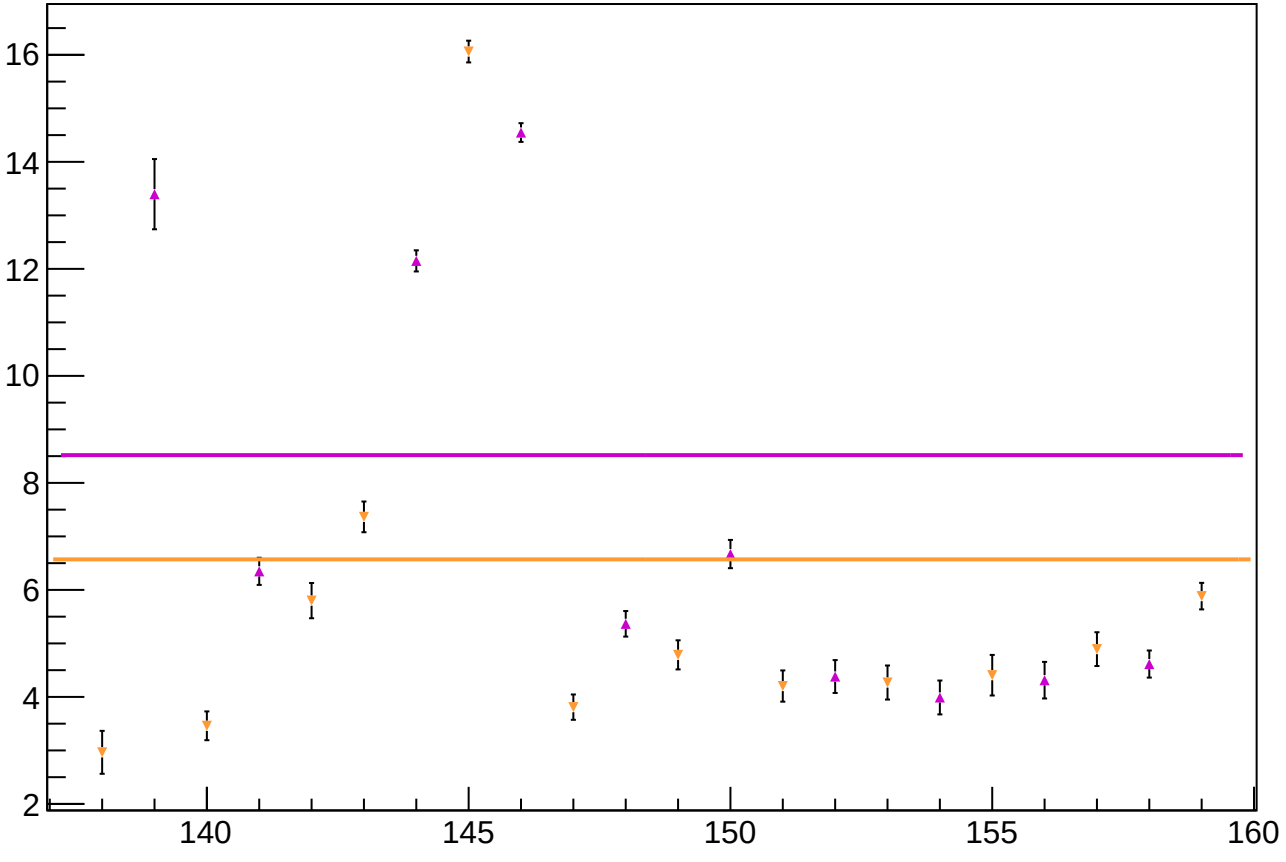
Left In: -24.638+/-0.097 χ^2/NDF:2491.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -25.082+/-0.069 χ^2/NDF: 3575.6/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 6.571+/-0.081 χ^2/NDF:2774.9/11

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

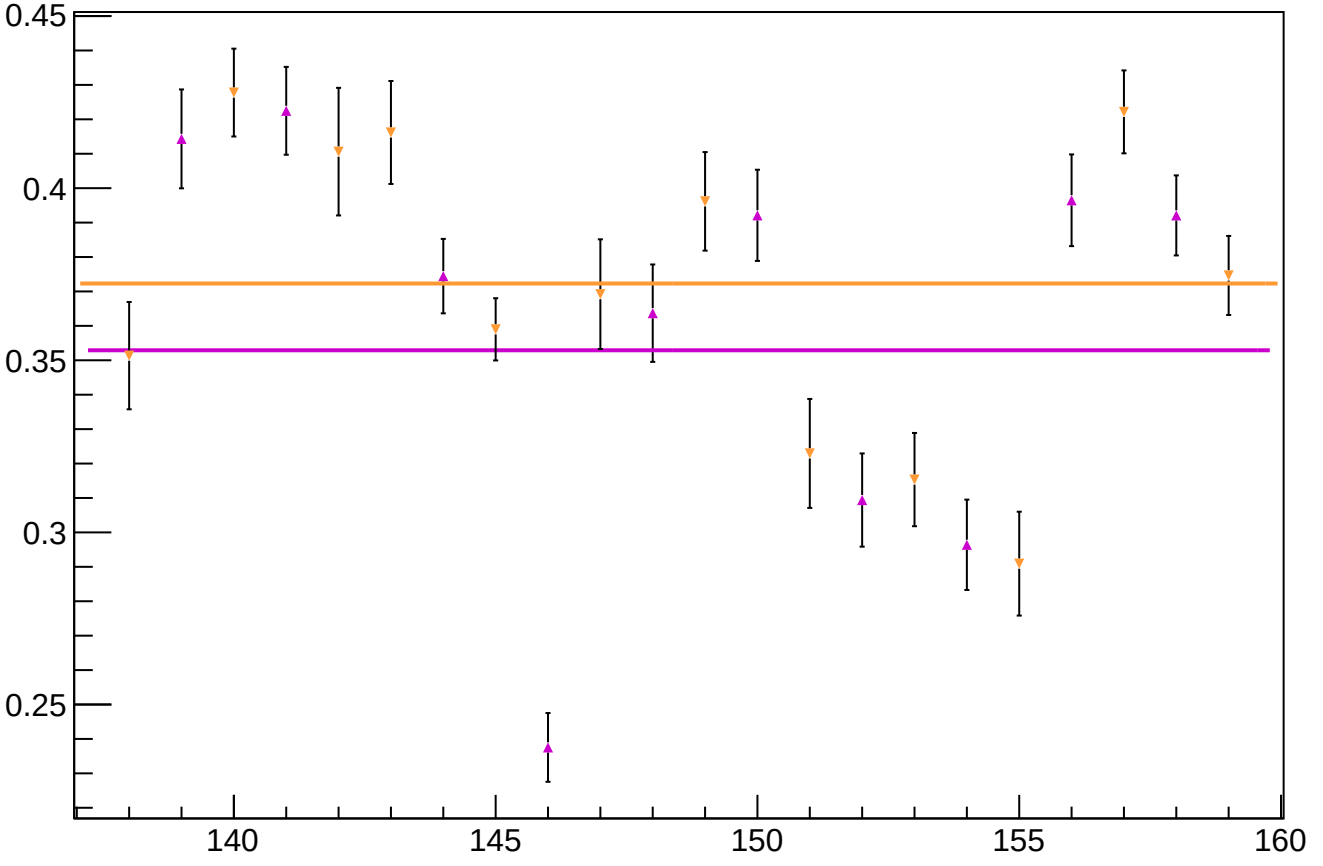
Left In: 8.519+/-0.081 χ^2/NDF:2652.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.548+/-0.057 χ^2/NDF: 5716.5/21

- 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+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.372+/-0.004 χ^2/NDF:112.3/11

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

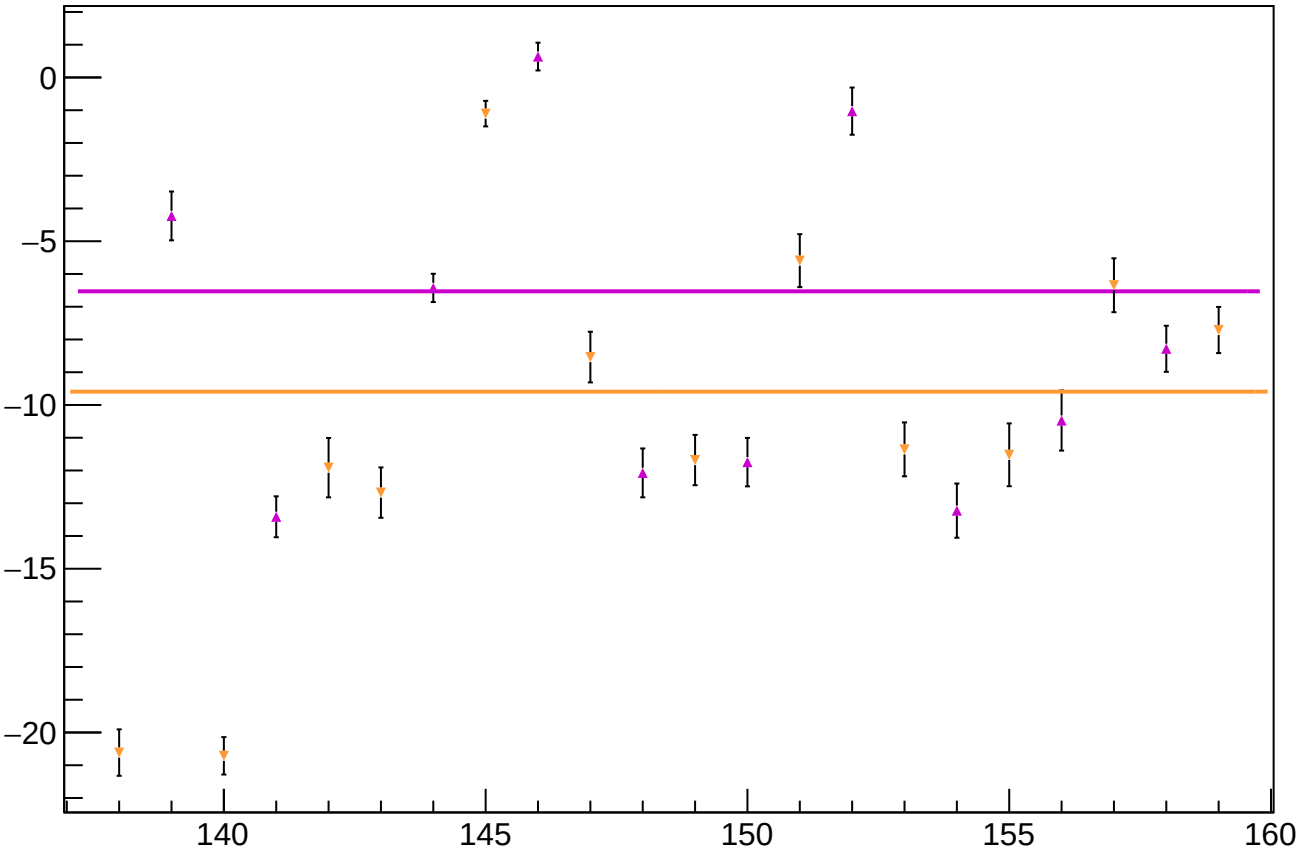
Left In: 0.353+/-0.004 χ^2/NDF:245.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.363+/-0.003 χ^2/NDF: 370.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.593+/-0.198 χ^2/NDF:1181.8/11

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

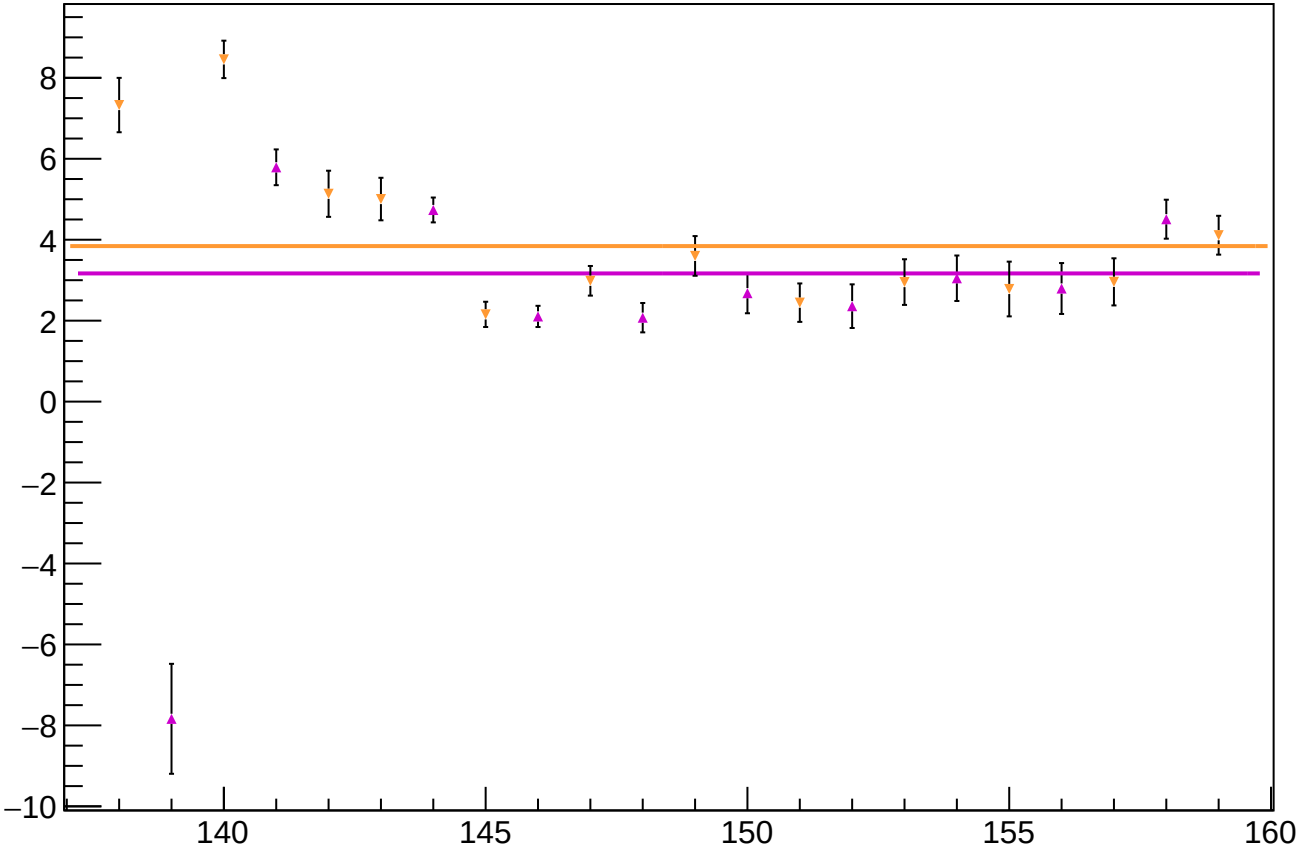
Left In: -6.530+/-0.198 χ^2/NDF:669.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.061+/-0.140 χ^2/NDF: 1971.2/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 3.843+/-0.138 χ^2/NDF:187.7/11

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

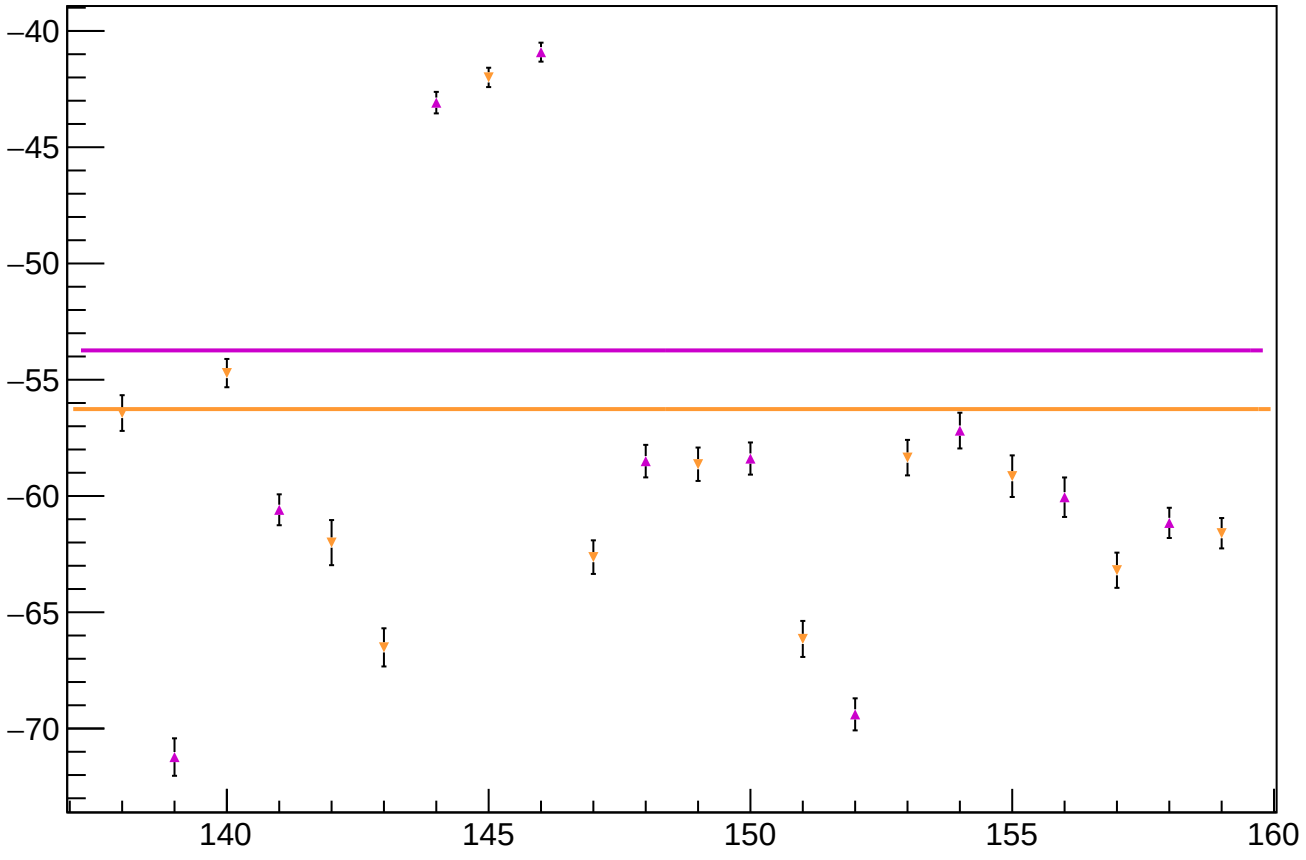
Left In: 3.167+/-0.134 χ^2/NDF:163.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.494+/-0.096 χ^2/NDF: 363.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -56.262+/-0.199 χ^2/NDF:1793.6/11

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

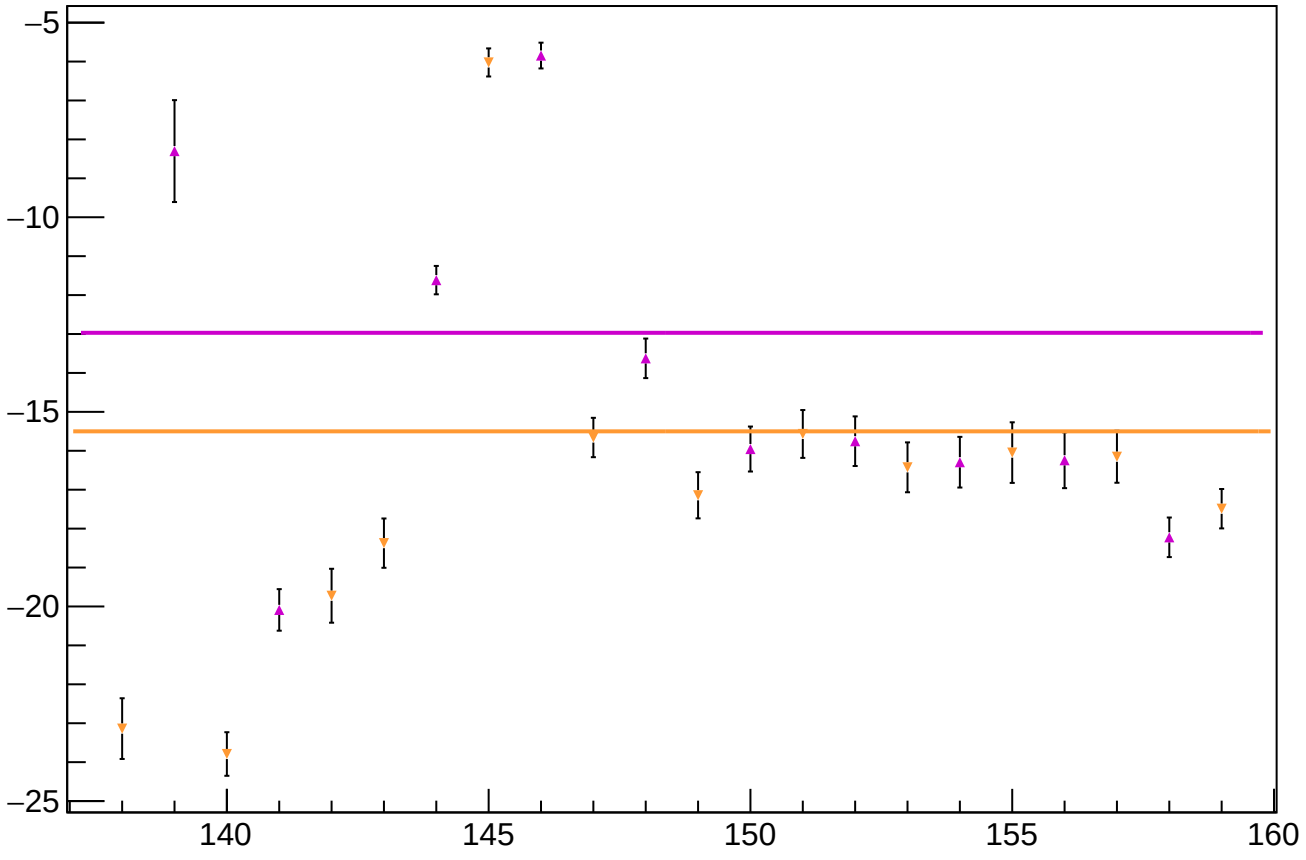
Left In: -53.738+/-0.195 χ^2/NDF:2909.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -54.979+/-0.139 χ^2/NDF: 4785.4/21

- 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: -15.501+/-0.165 χ^2/NDF:1089.3/11

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

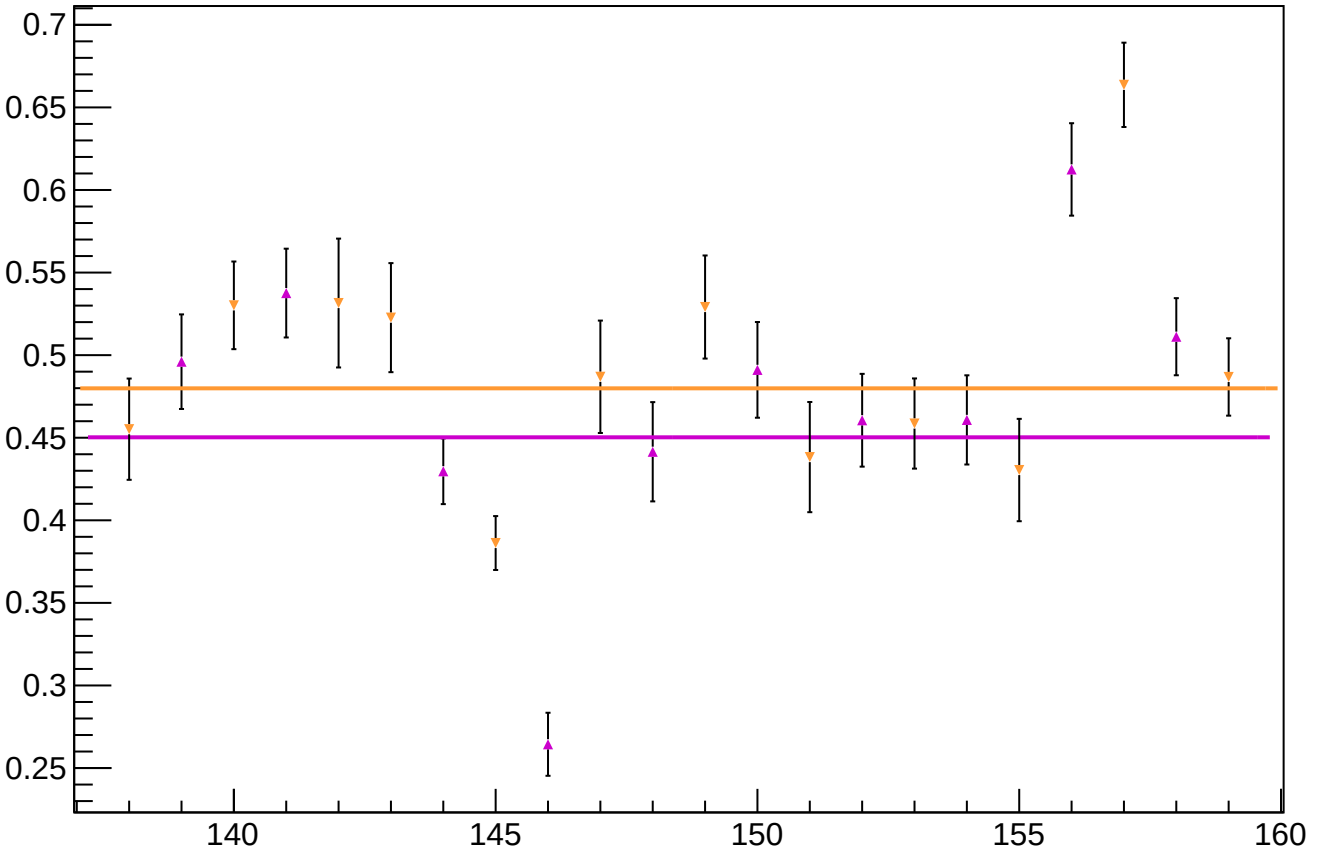
Left In: -12.969+/-0.162 χ^2/NDF:868.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.209+/-0.116 χ^2/NDF: 2077.6/21

- 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: 0.480+/-0.008 χ^2/NDF:99.8/11

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

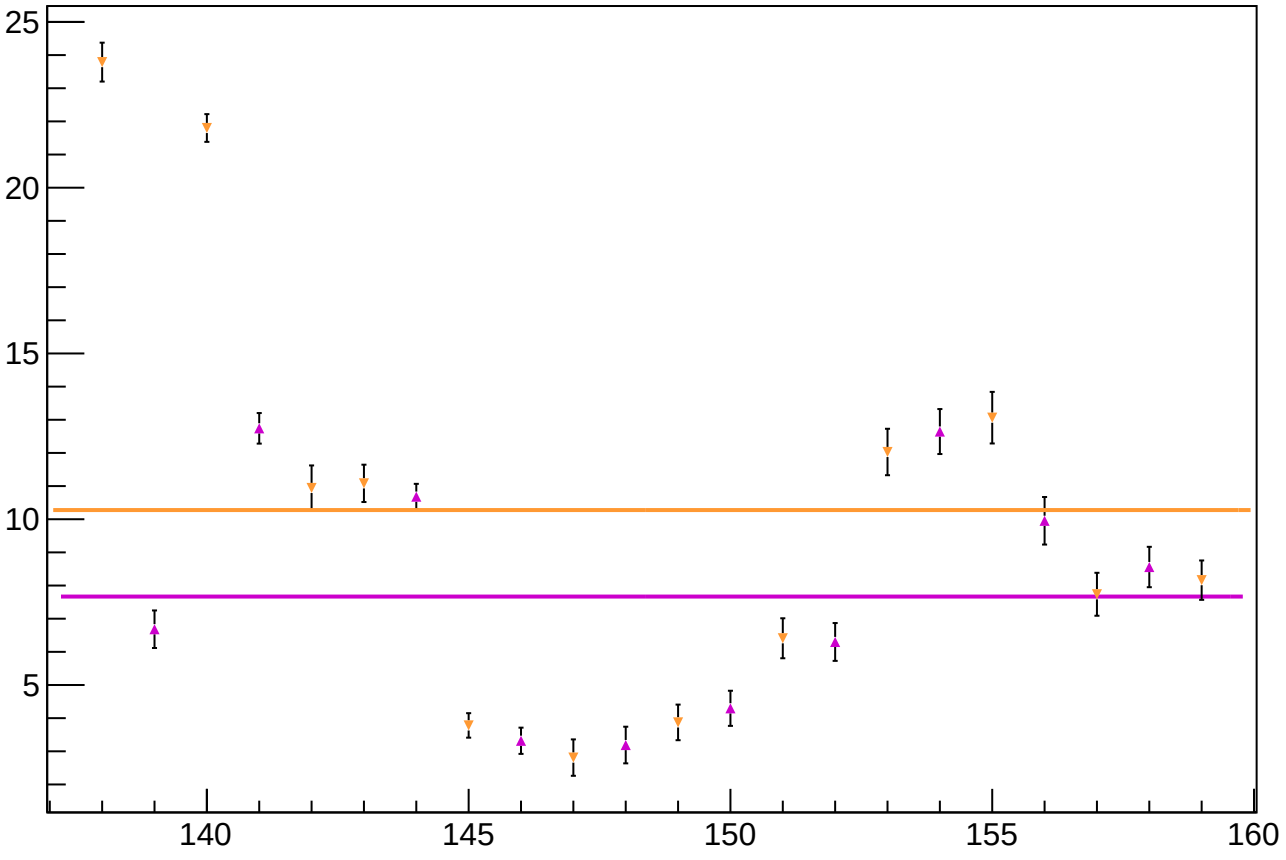
Left In: 0.450+/-0.008 χ^2/NDF:151.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.465+/-0.006 χ^2/NDF: 258.6/21

- 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: 10.277+/-0.159 χ^2/NDF:2017.0/11

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

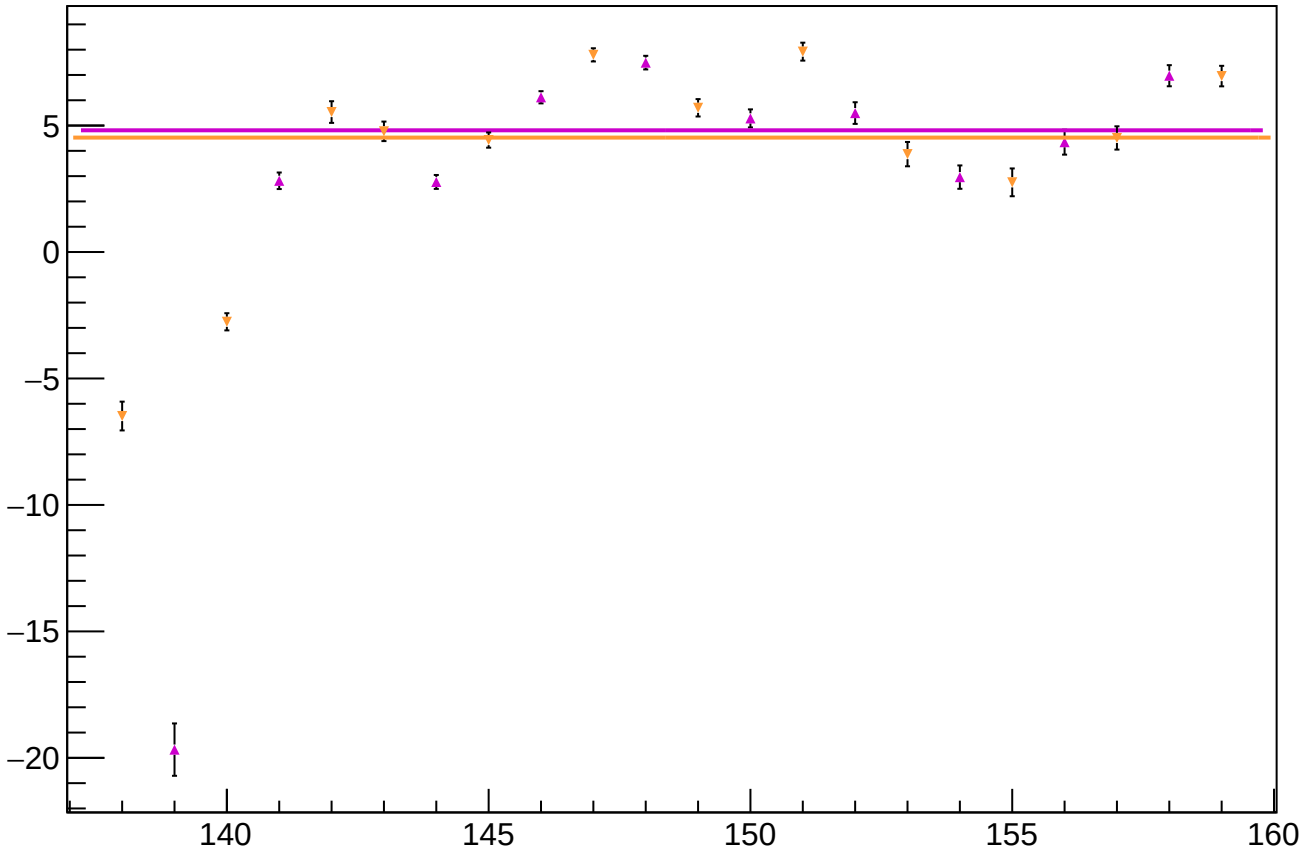
Left In: 7.668+/-0.163 χ^2/NDF:483.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.007+/-0.114 χ^2/NDF: 2632.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 4.524+/-0.109 χ^2/NDF:1149.2/11

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

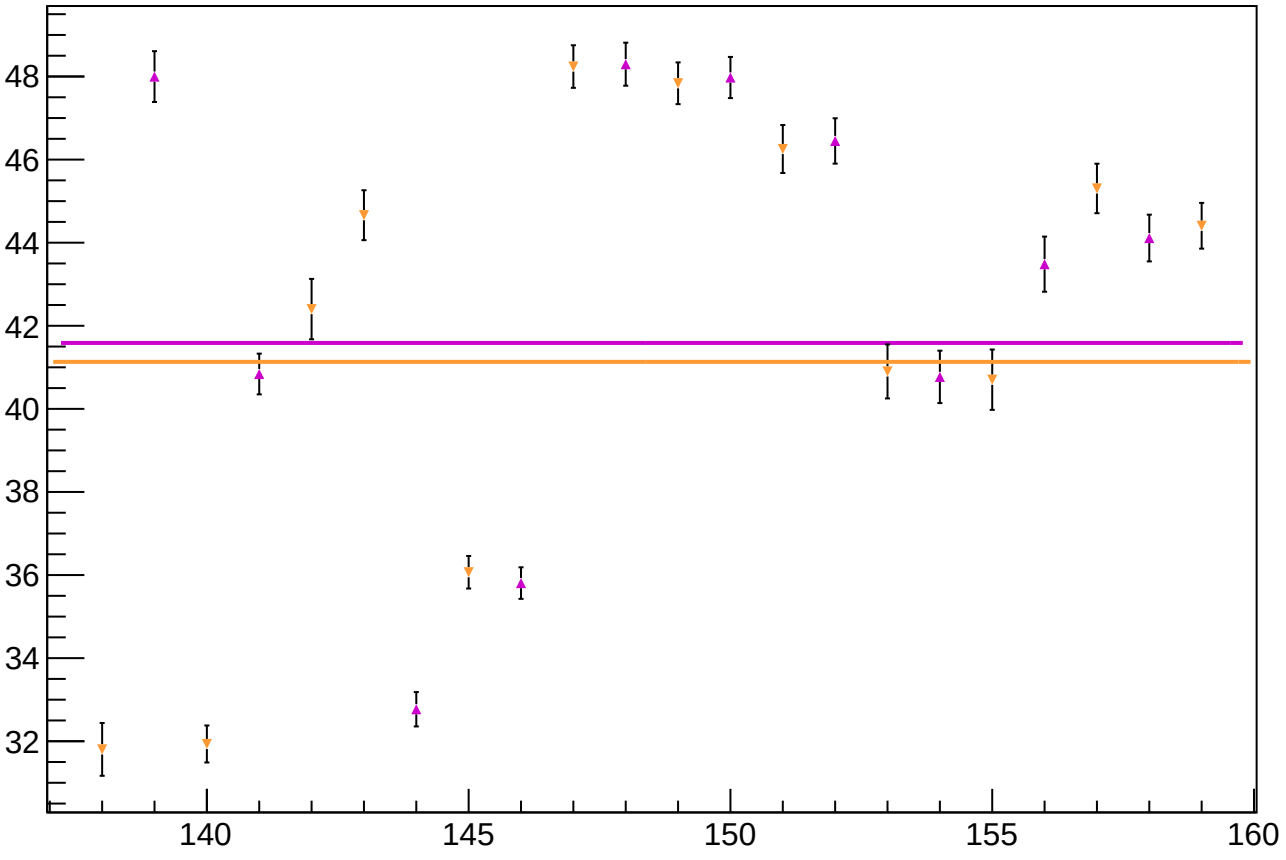
Left In: 4.812+/-0.110 χ^2/NDF:827.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.666+/-0.077 χ^2/NDF: 1980.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 41.132+/-0.158 χ^2/NDF:1380.6/11

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

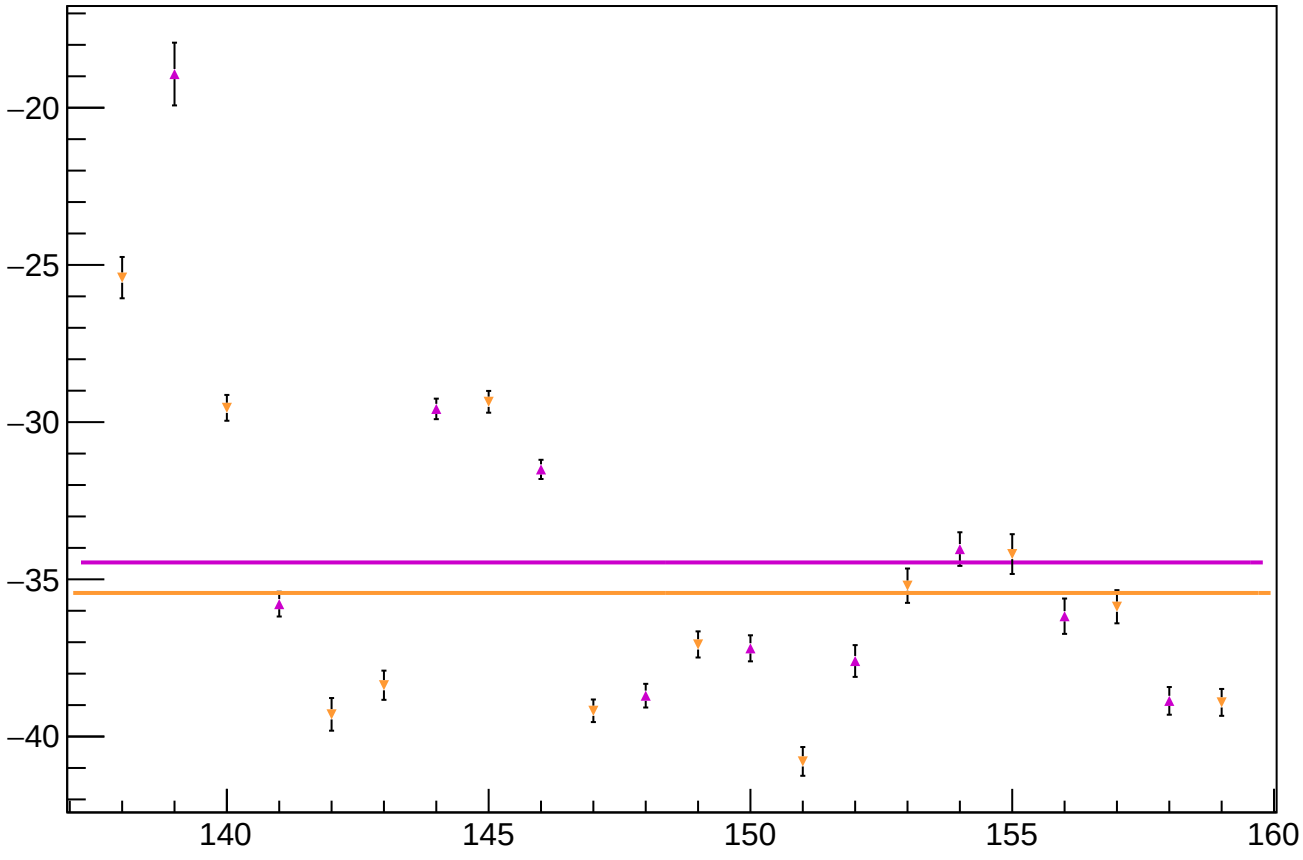
Left In: 41.587+/-0.161 χ^2/NDF:1241.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 41.356+/-0.113 χ^2/NDF: 2625.8/21

- 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: -35.433+/-0.131 χ^2/NDF:1174.4/11

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

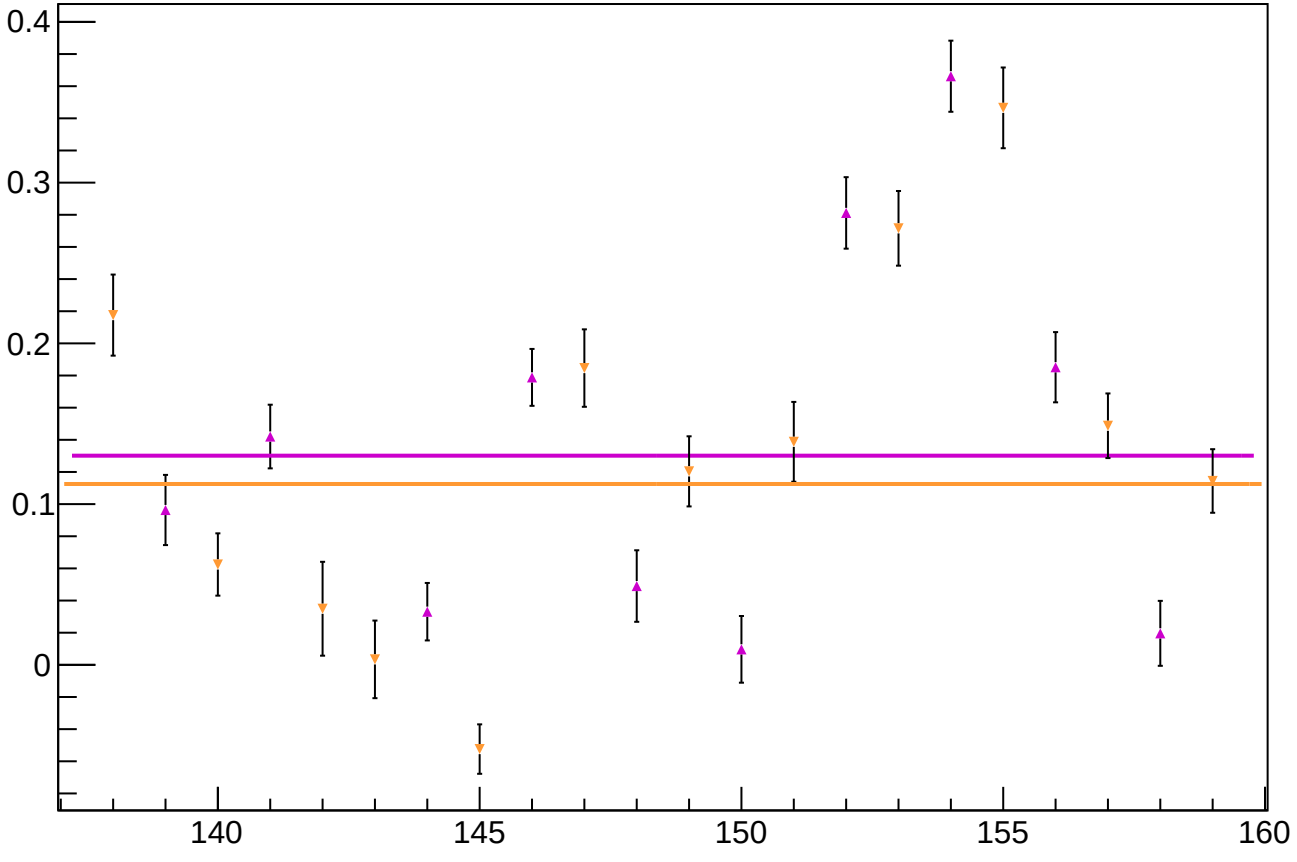
Left In: -34.463+/-0.133 χ^2/NDF:890.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.957+/-0.094 χ^2/NDF: 2091.3/21

- 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+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.113+/-0.006 χ^2/NDF:313.7/11

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

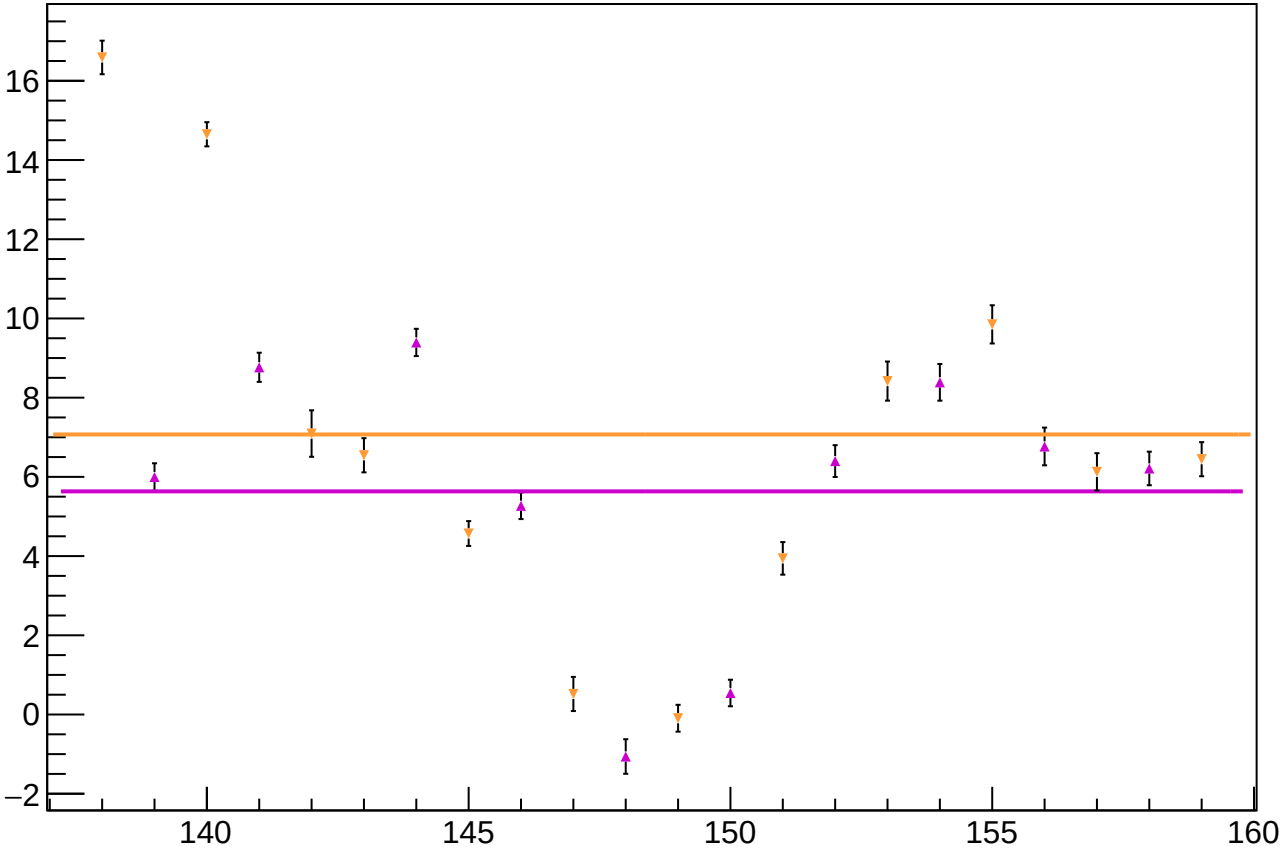
Left In: 0.130+/-0.006 χ^2/NDF:283.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.121+/-0.005 χ^2/NDF: 600.6/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 7.071+/-0.117 χ^2/NDF:1968.3/11

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

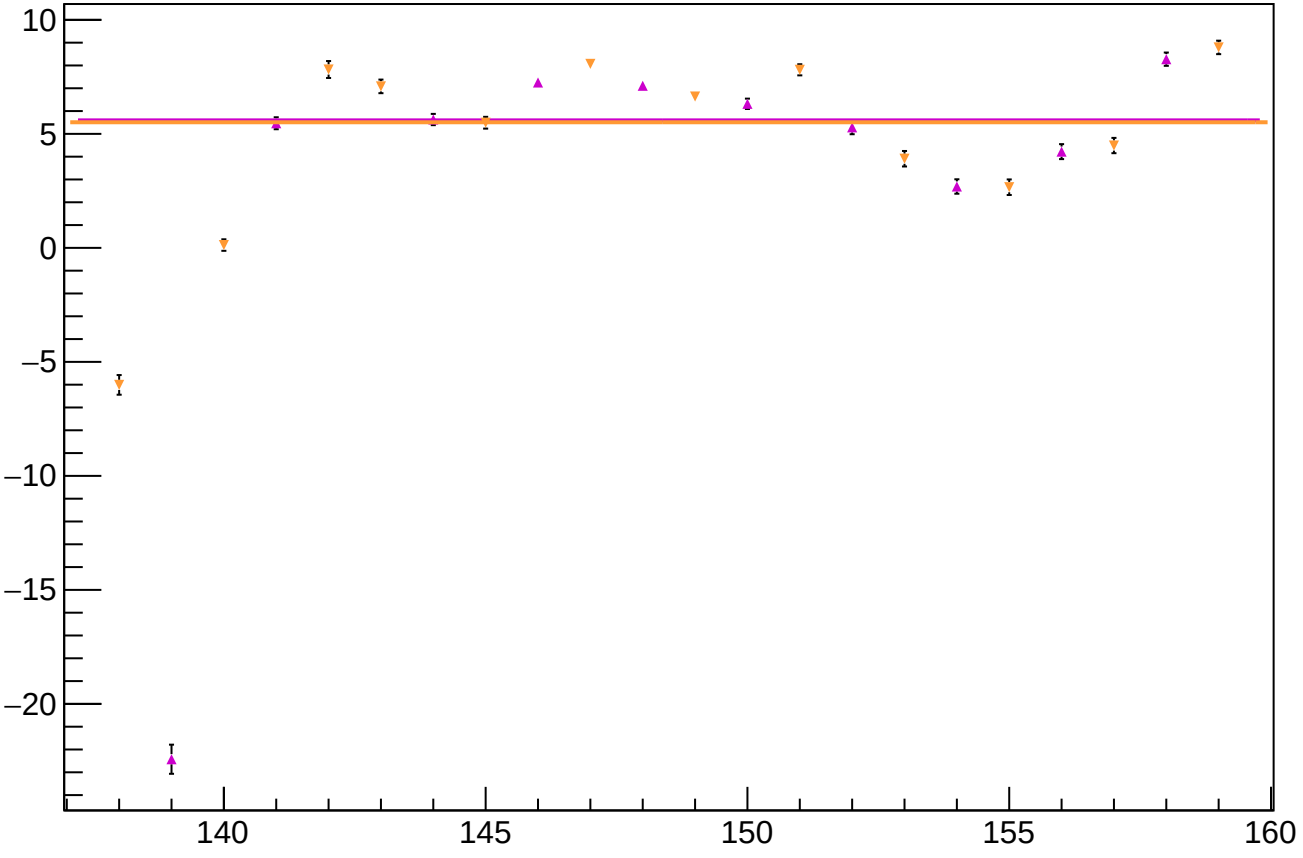
Left In: 5.634+/-0.121 χ^2/NDF:706.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.378+/-0.084 χ^2/NDF: 2747.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.509+/-0.081 χ^2/NDF:1725.7/11

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

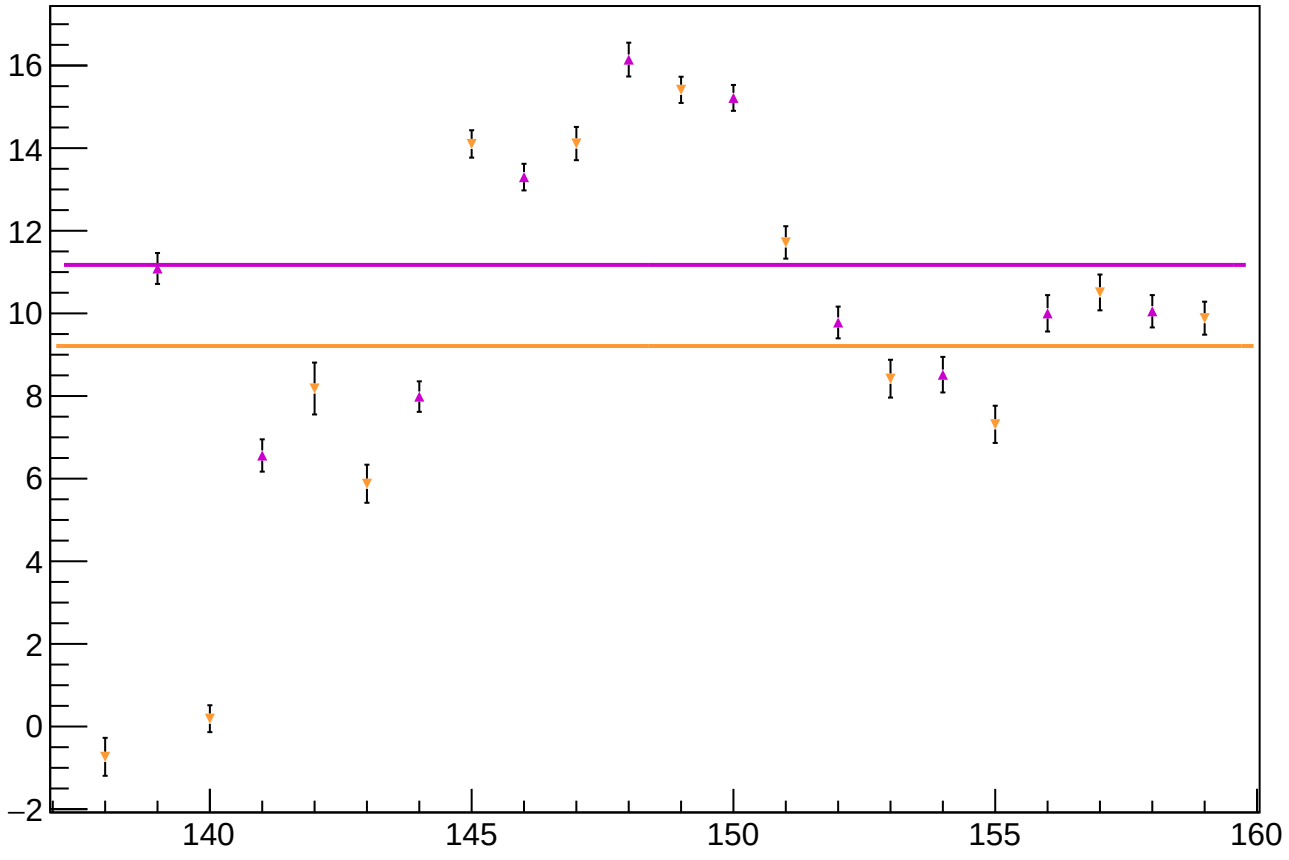
Left In: 5.592+/-0.085 χ^2/NDF:2230.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.548+/-0.059 χ^2/NDF: 3956.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 9.210+/-0.116 χ^2/NDF:2113.8/11

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

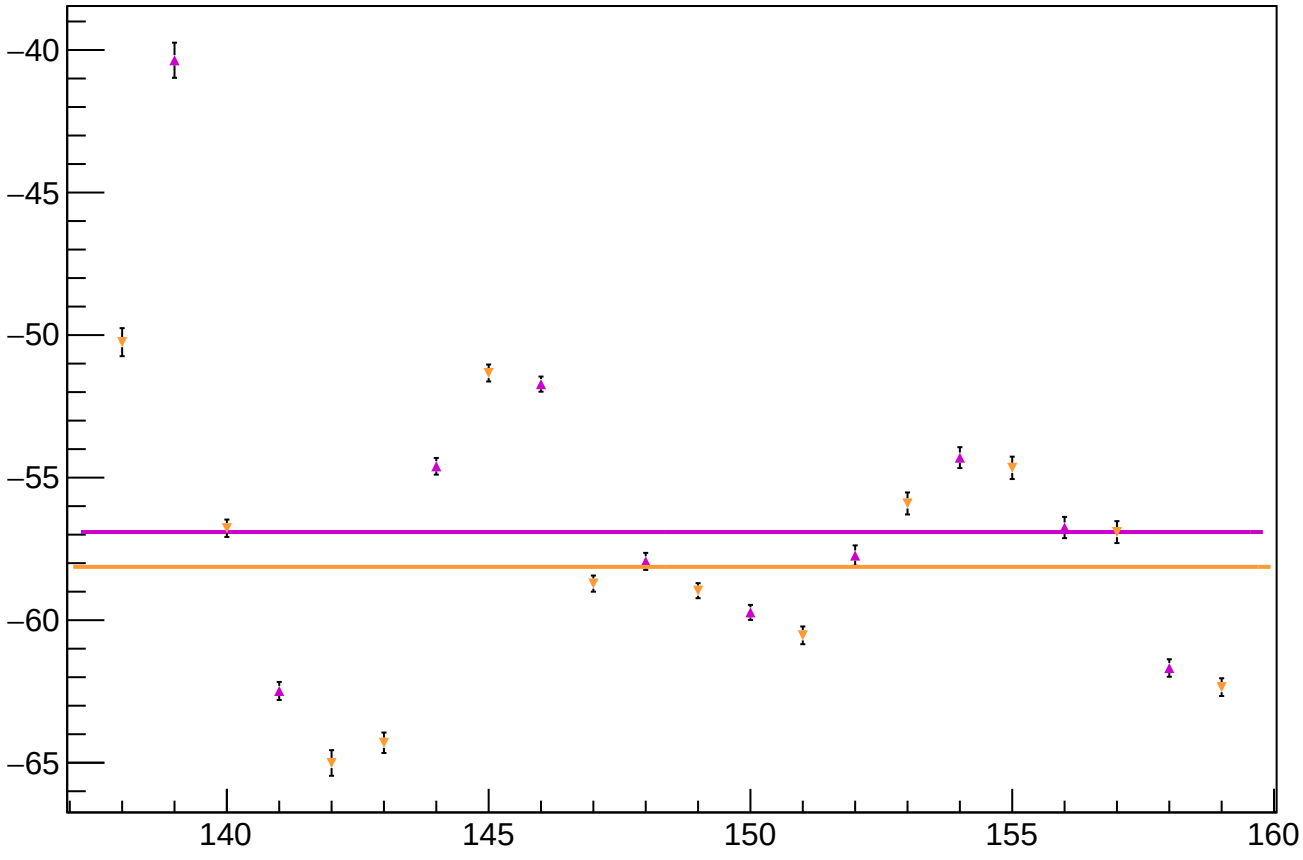
Left In: 11.174+/-0.119 χ^2/NDF:637.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.166+/-0.083 χ^2/NDF: 2891.0/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -58.130+/-0.097 χ^2/NDF:1711.3/11

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

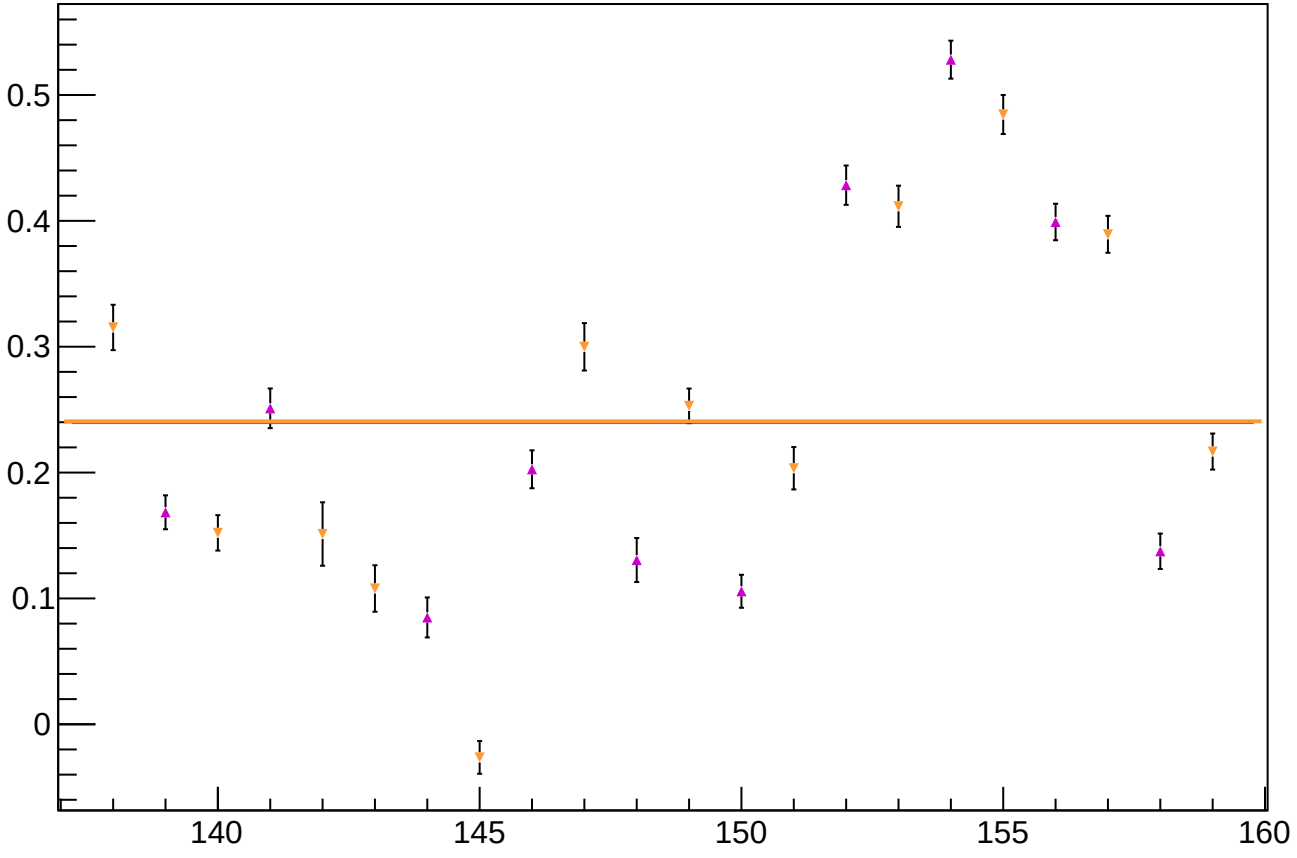
Left In: -56.908+/-0.101 χ^2/NDF:1902.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -57.546+/-0.070 χ^2/NDF: 3689.3/21

- 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+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.241+/-0.005 χ^2/NDF:1019.0/11

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

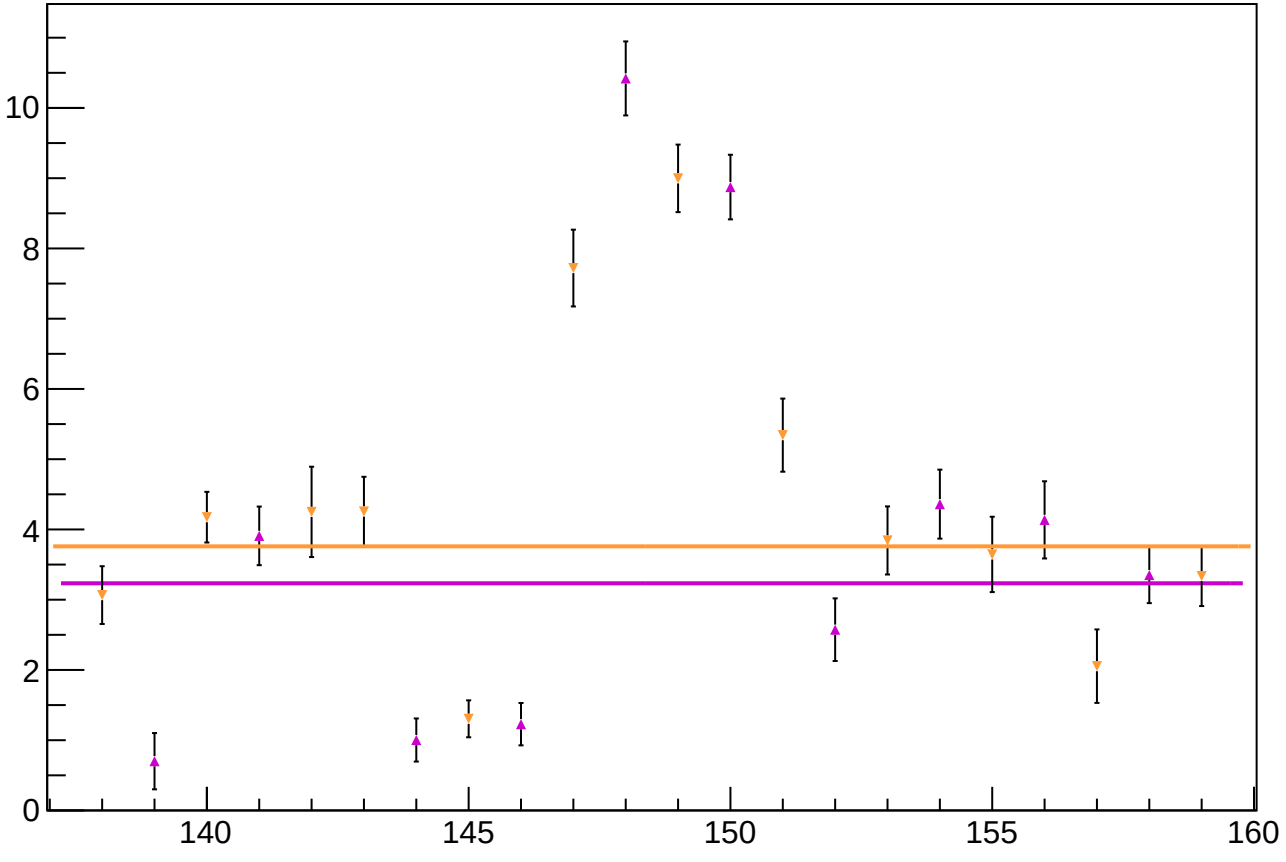
Left In: 0.240+/-0.005 χ^2/NDF:957.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.240+/-0.003 χ^2/NDF: 1976.9/21

- sign 0.000+/-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: 3.759+/-0.126 χ^2/NDF:285.2/11

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

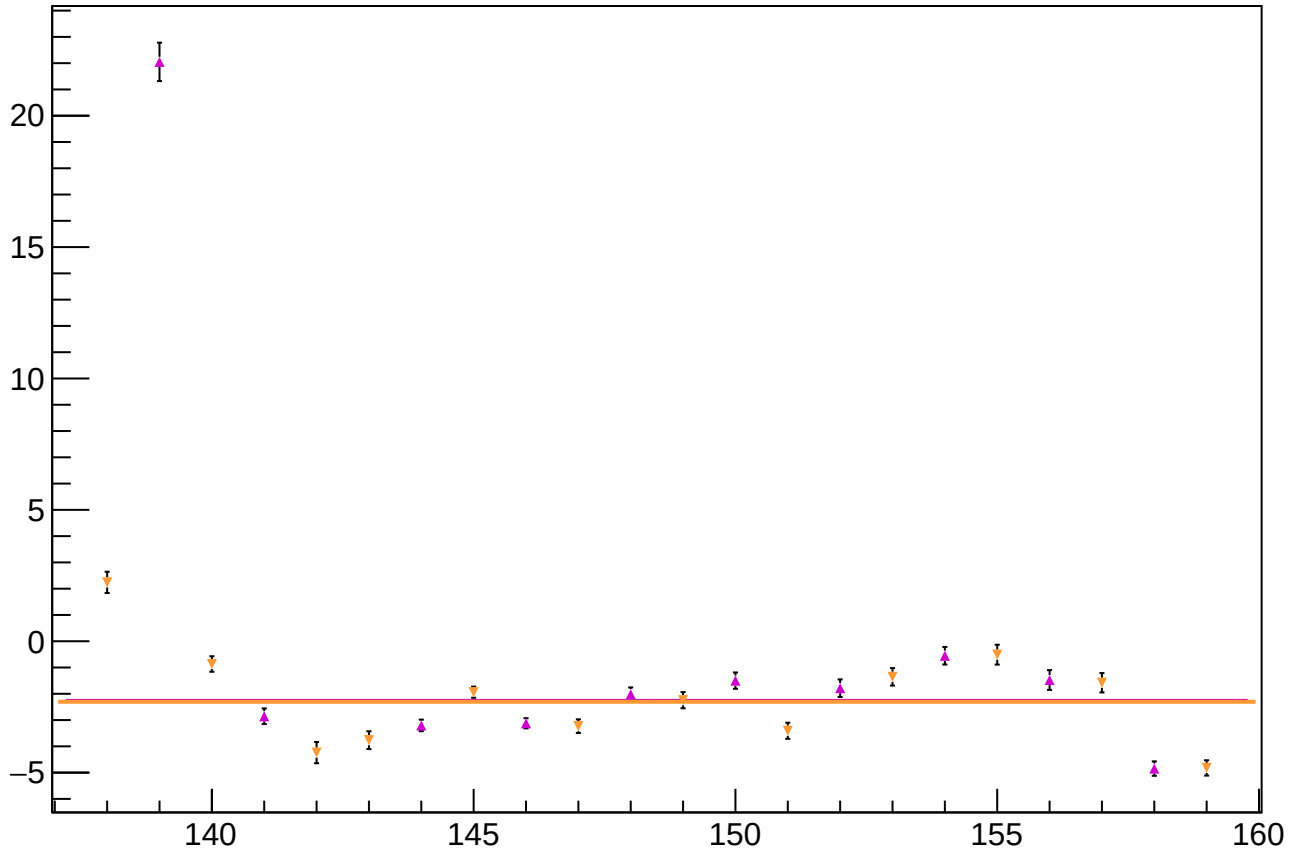
Left In: 3.234+/-0.128 χ^2/NDF:486.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.501+/-0.090 χ^2/NDF: 780.2/21

- 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: -2.304+/-0.089 χ^2/NDF:329.1/11

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

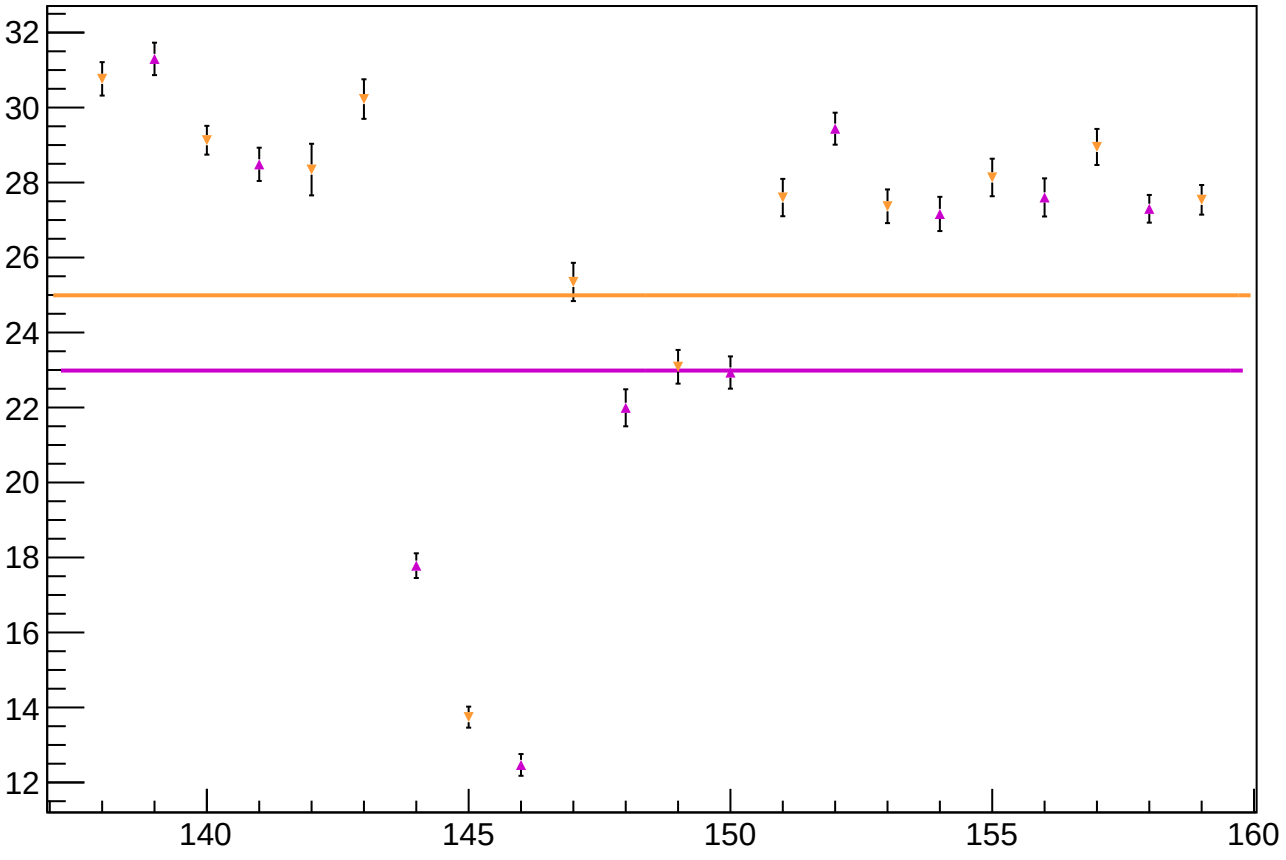
Left In: -2.271+/-0.090 χ^2/NDF:1276.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.287+/-0.063 χ^2/NDF: 1605.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 24.992+/-0.126 χ^2/NDF:2238.8/11

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

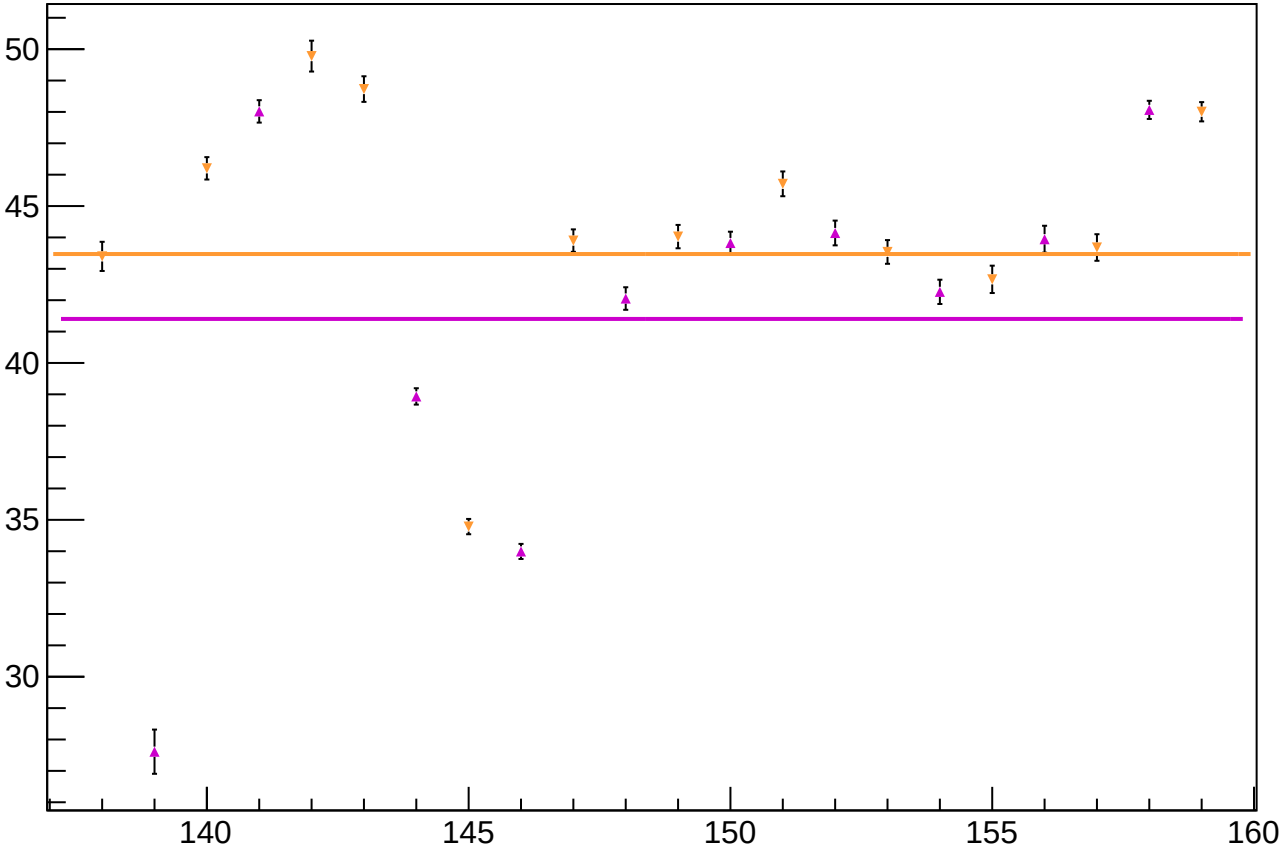
Left In: 22.985+/-0.126 χ^2/NDF:2622.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 23.990+/-0.089 χ^2/NDF: 4987.8/21

- 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: 43.471+/-0.106 χ^2/NDF:1914.5/11

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

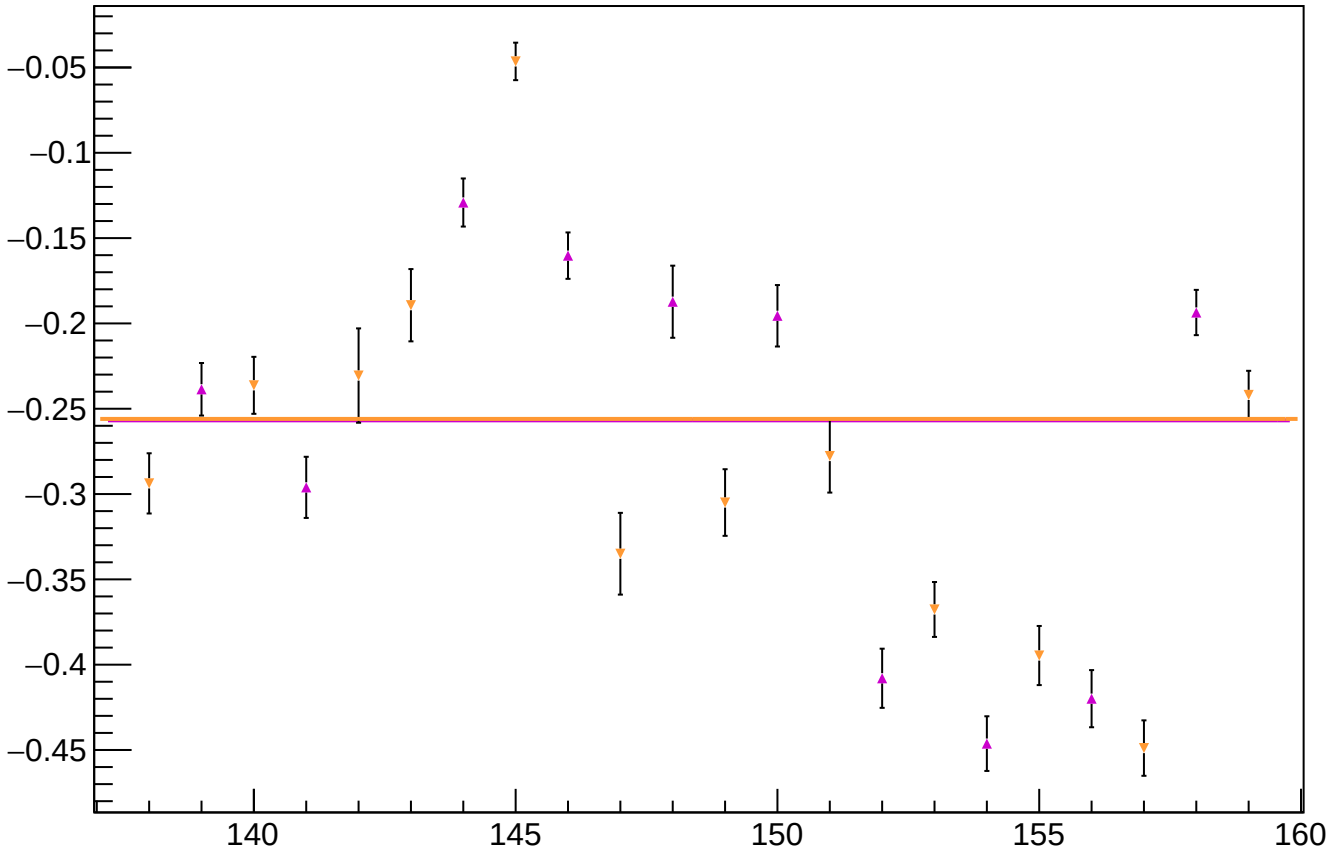
Left In: 41.403+/-0.107 χ^2/NDF:2430.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 42.446+/-0.075 χ^2/NDF: 4534.1/21

- 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: -0.256+/-0.005 χ^2/NDF:653.0/11

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

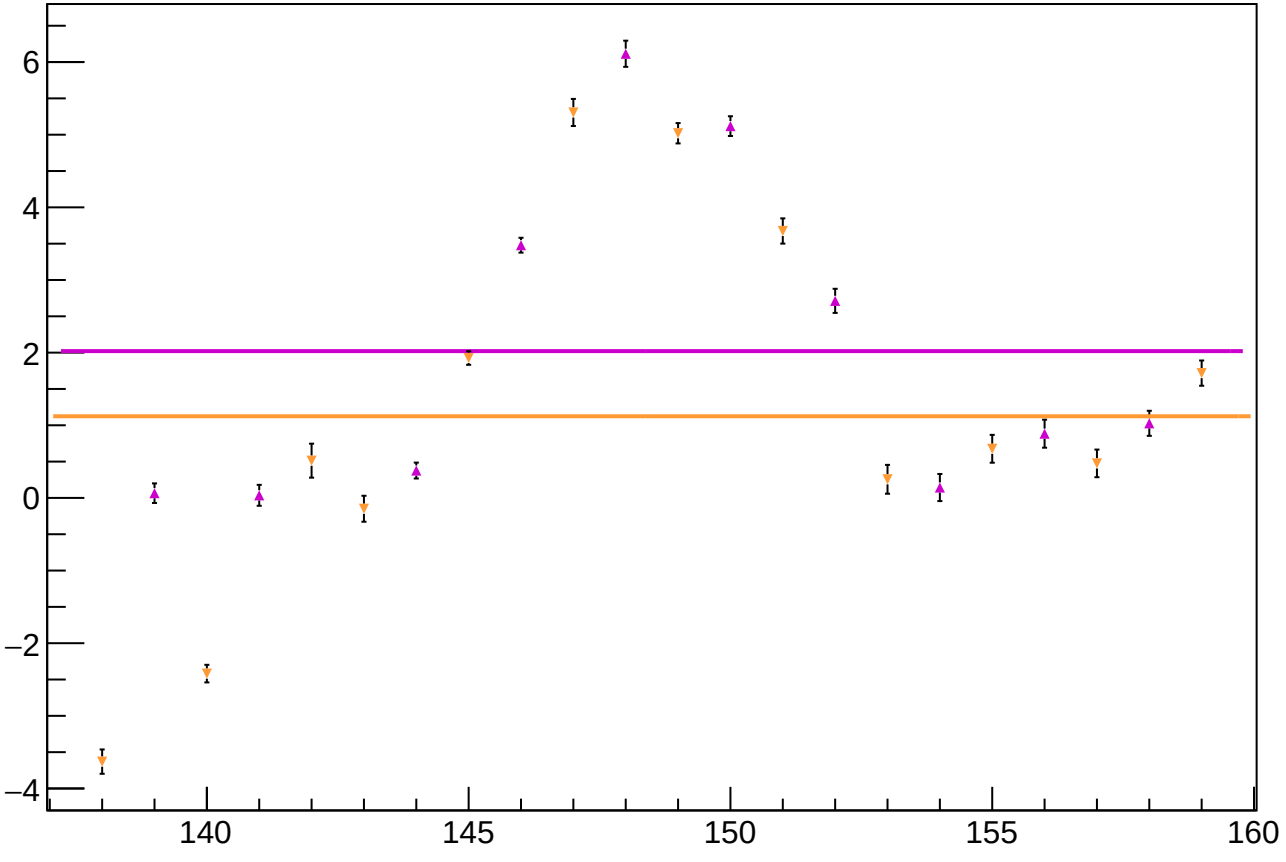
Left In: -0.257+/-0.005 χ^2/NDF:494.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.256+/-0.004 χ^2/NDF: 1147.5/21

- 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: 1.124+/-0.045 χ^2/NDF:3331.6/11

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

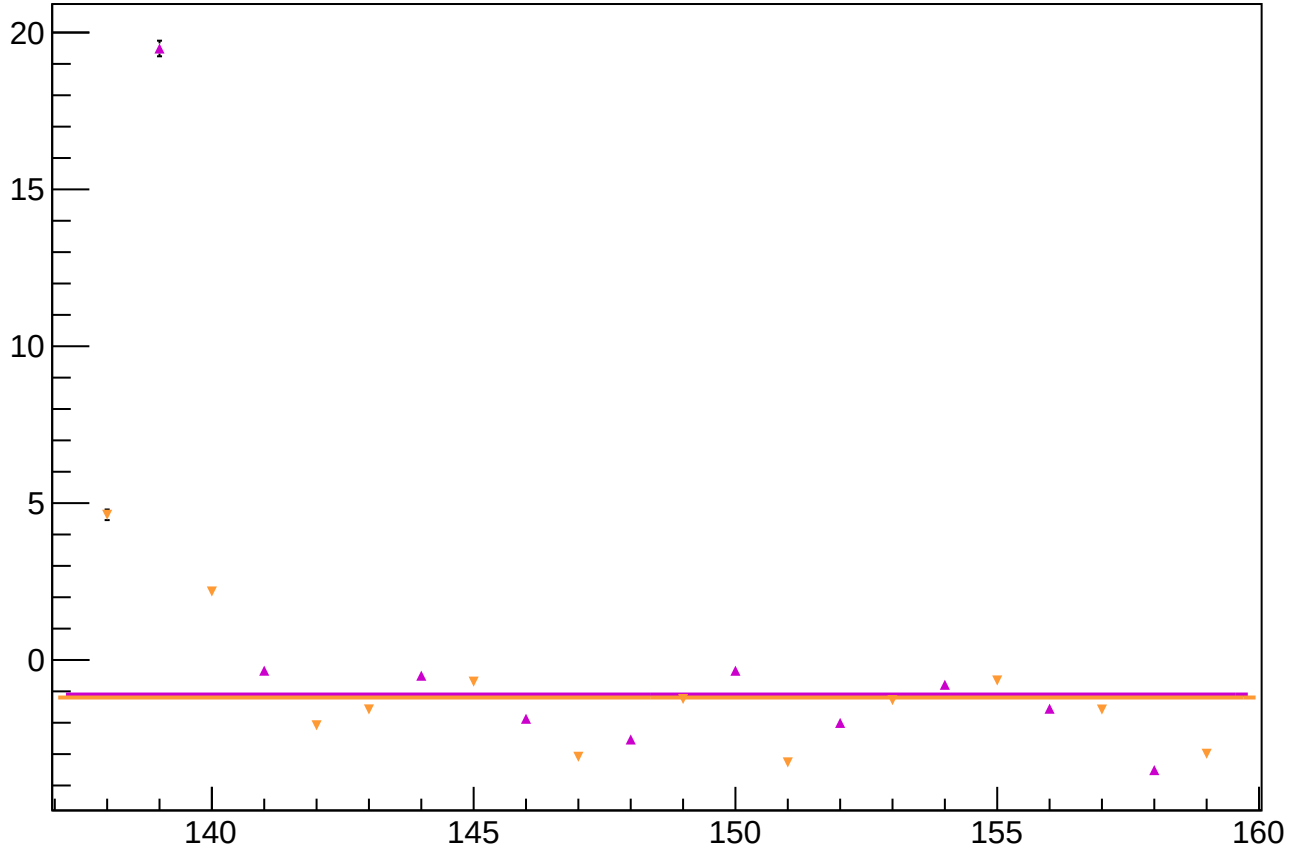
Left In: 2.021+/-0.045 χ^2/NDF:2052.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.572+/-0.032 χ^2/NDF: 5582.4/21

- 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: -1.196+/-0.032 χ^2/NDF:3515.2/11

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

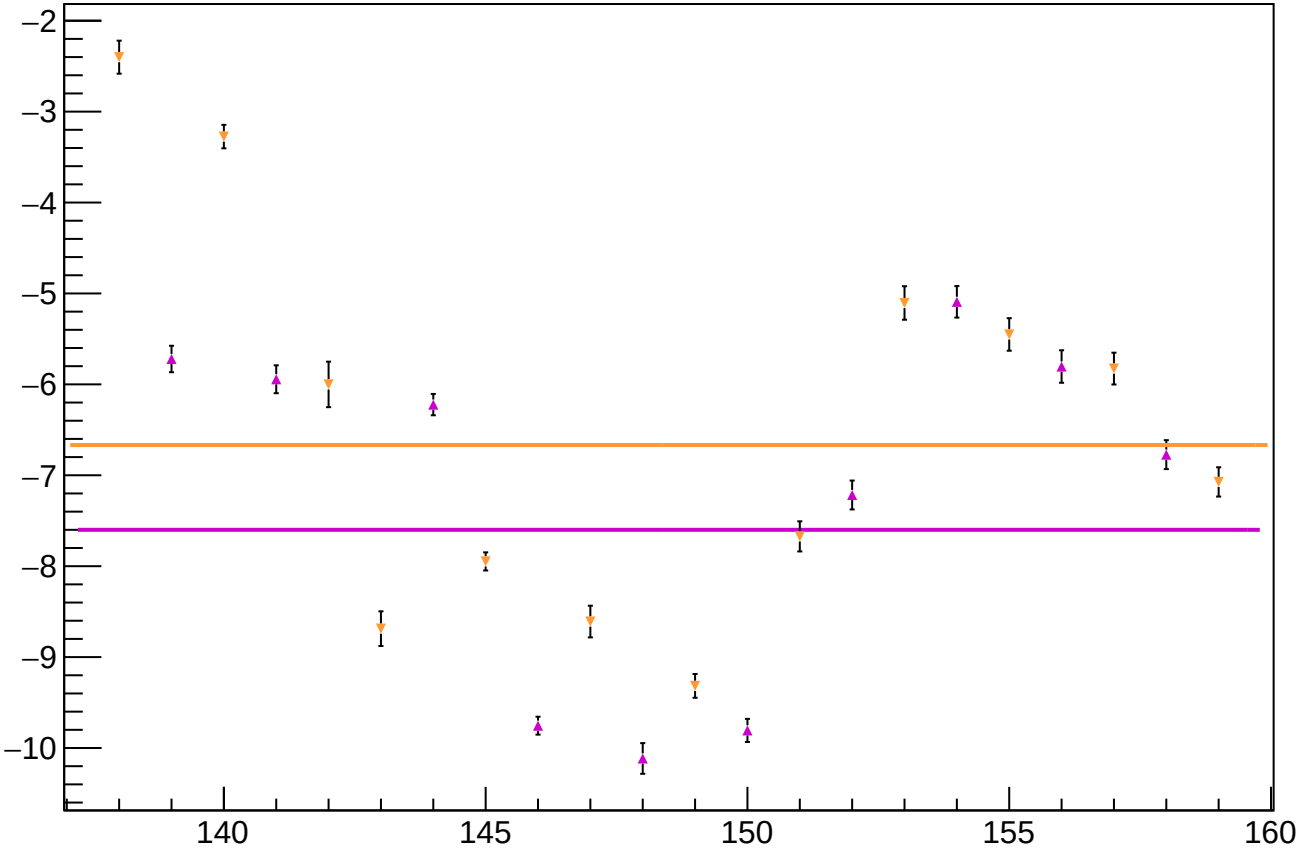
Left In: -1.101+/-0.032 χ^2/NDF:7886.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.148+/-0.022 χ^2/NDF: 11405.9/21

- 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: -6.667+/-0.045 χ^2/NDF:2245.5/11

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

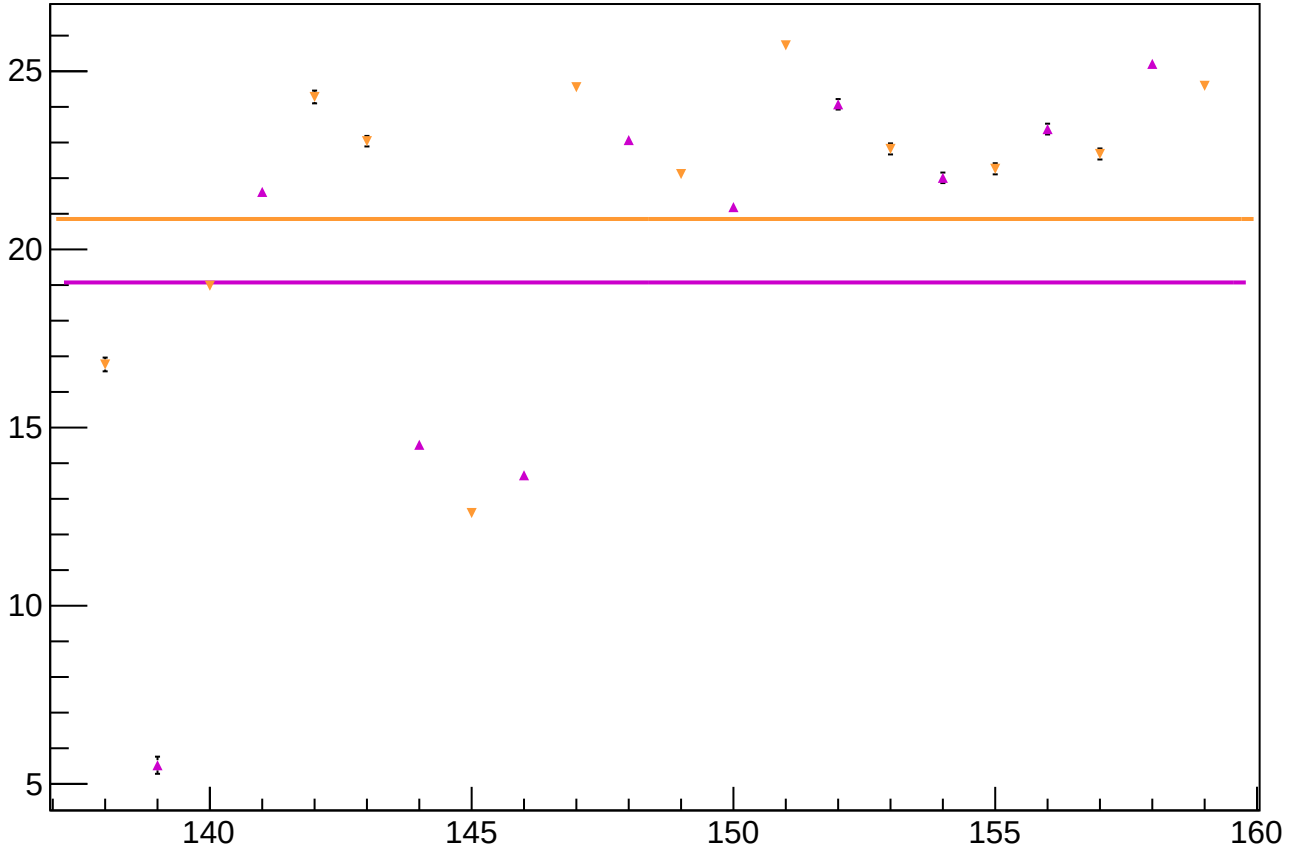
Left In: -7.600+/-0.044 χ^2/NDF:1766.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.139+/-0.032 χ^2/NDF: 4229.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 20.854+/-0.038 χ^2/NDF:13702.2/11

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

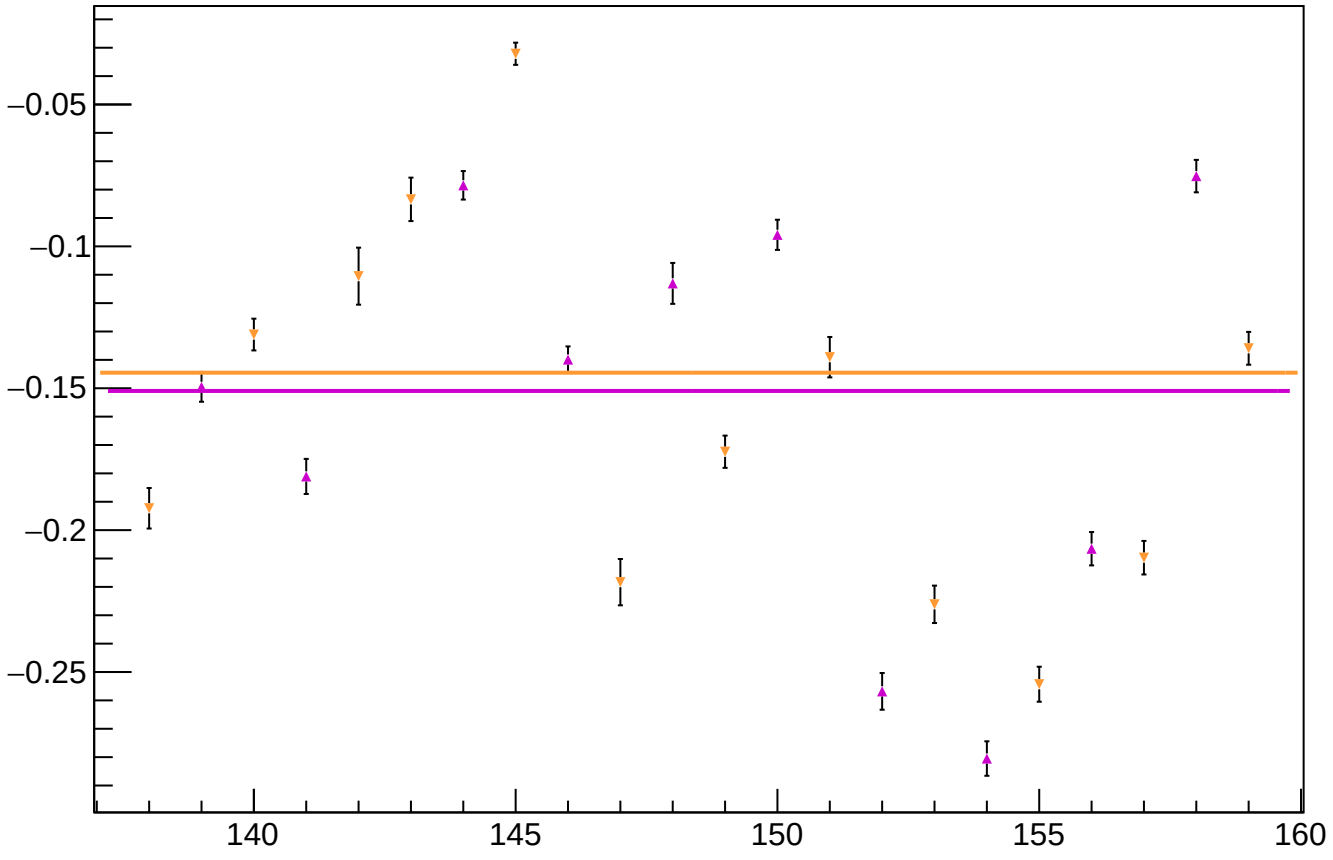
Left In: 19.073+/-0.038 χ^2/NDF:16532.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 19.962+/-0.027 χ^2/NDF: 31343.4/21

- 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: -0.145+/-0.002 χ^2/NDF:1653.1/11

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

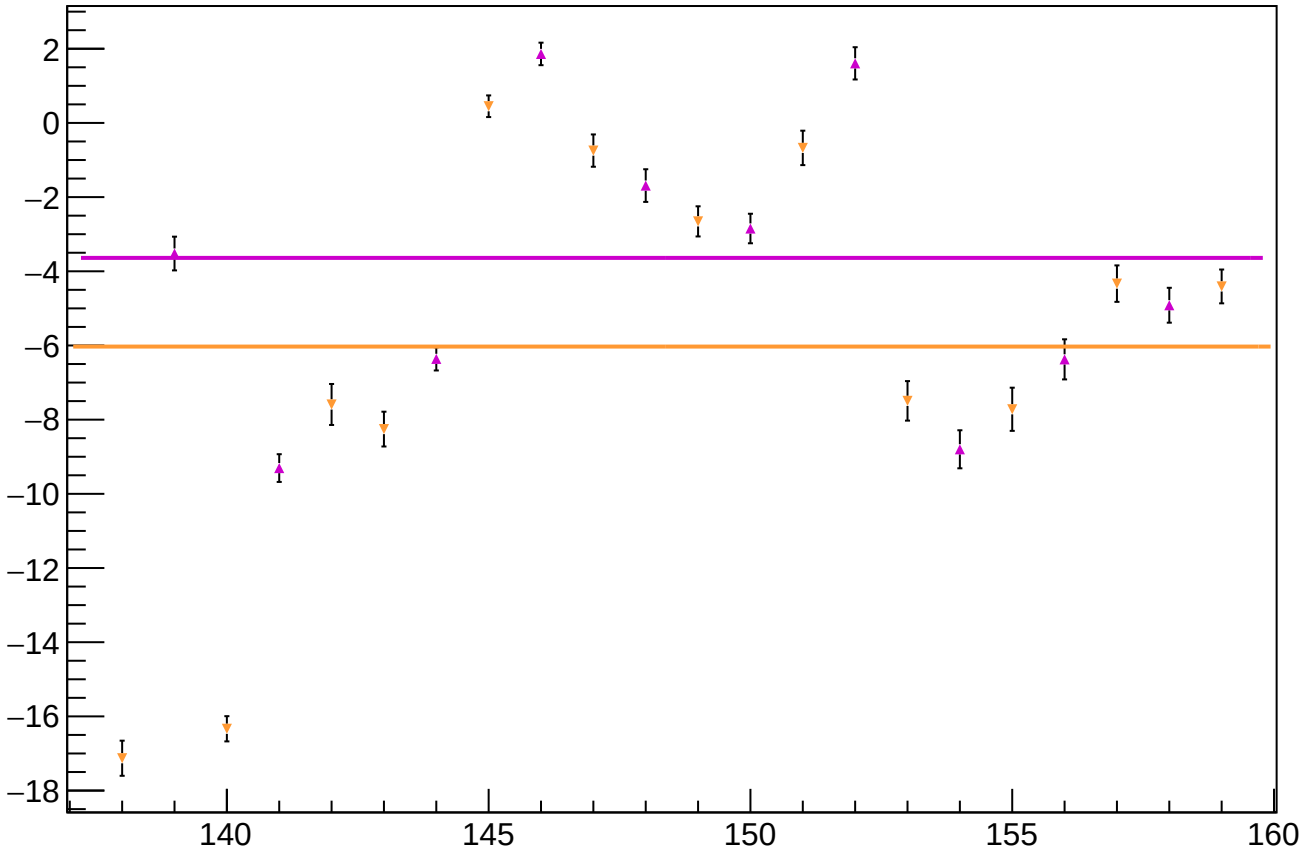
Left In: -0.151+/-0.002 χ^2/NDF:1358.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.148+/-0.001 χ^2/NDF: 3018.6/21

- 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: -6.030+/-0.125 χ^2/NDF:2380.6/11

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

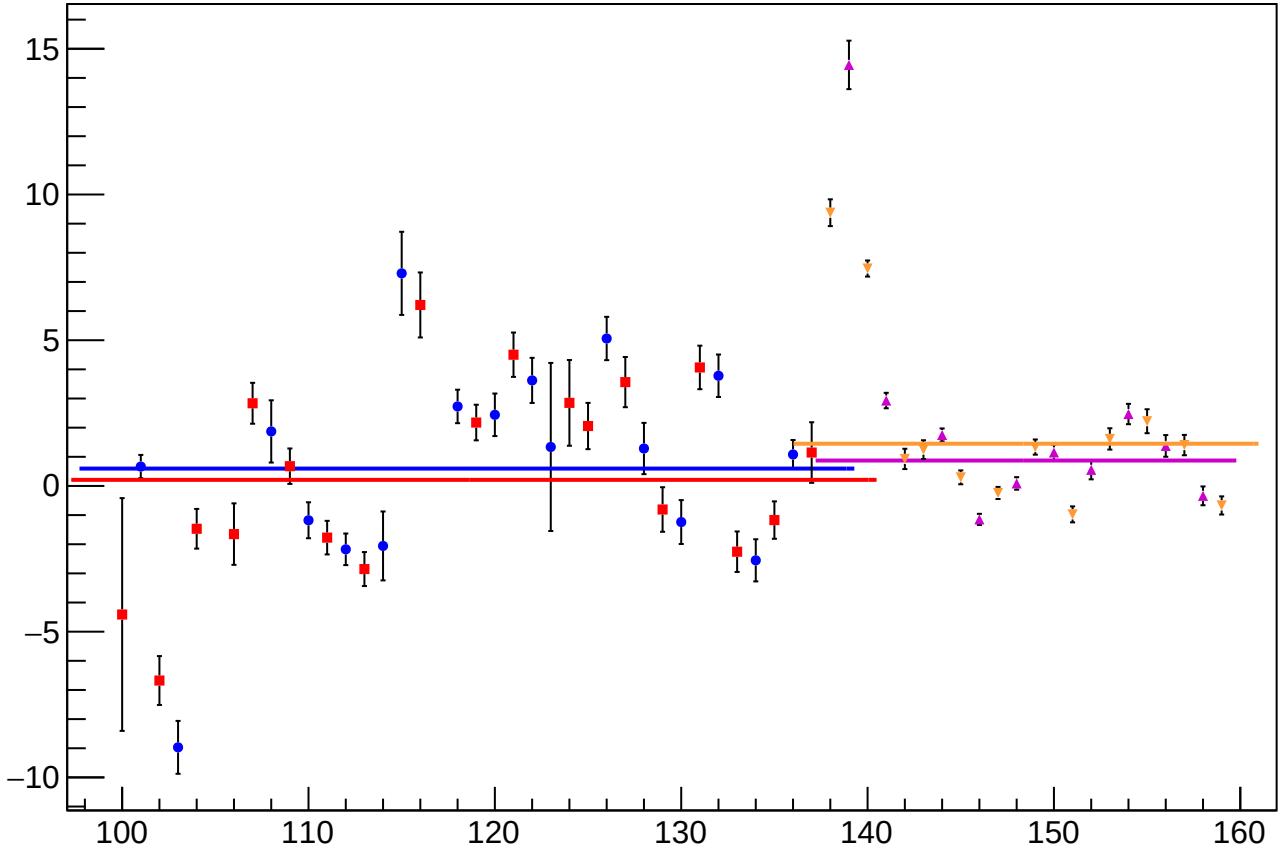
Left In: -3.639+/-0.127 χ^2/NDF:937.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.858+/-0.089 χ^2/NDF: 3497.1/21

- 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: 1.449+/-0.086 χ^2/NDF:992.2/11

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

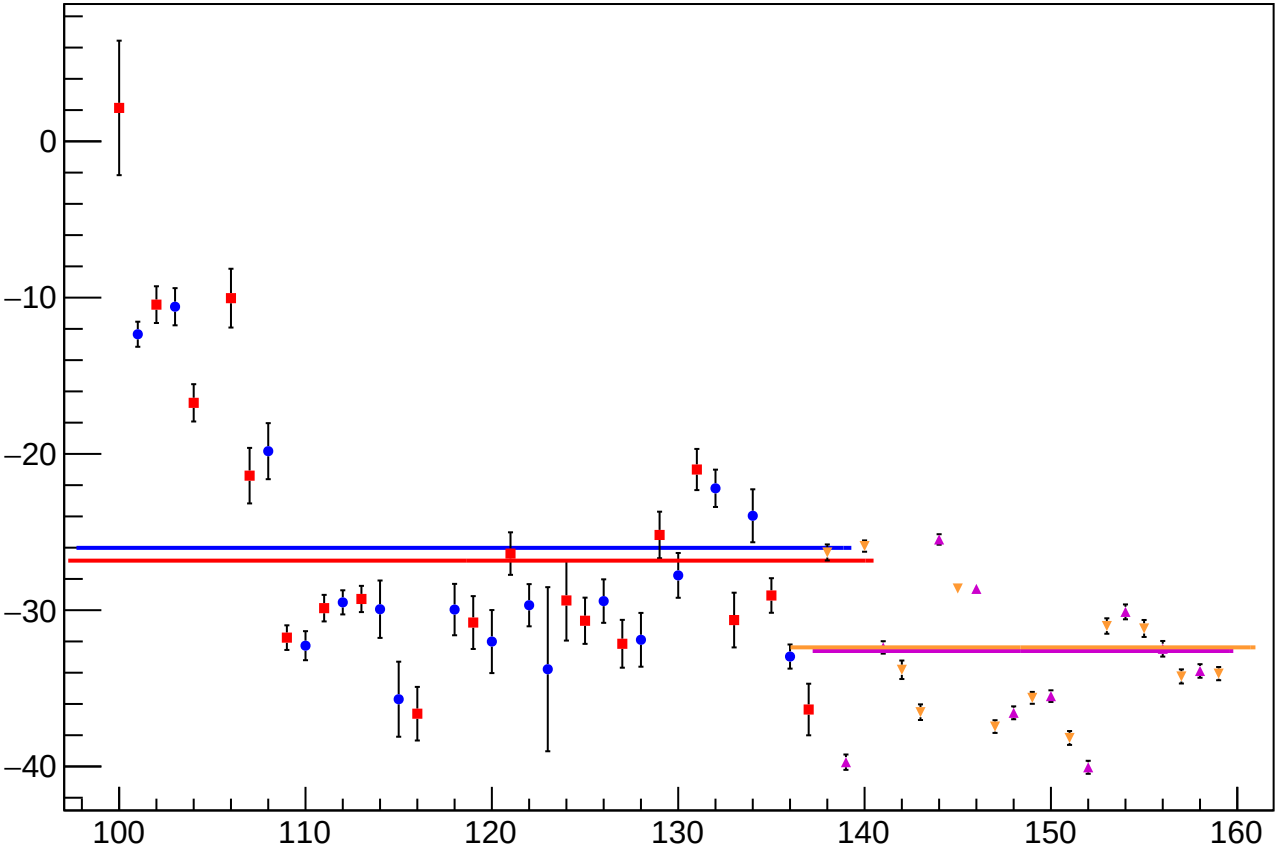
Left In: 0.872+/-0.087 χ^2/NDF:506.1/9

+ sign 1.275+/-0.076 χ^2/NDF: 1303.6/28

All: 1.013+/-0.054 χ^2/NDF: 2118.9/57

- sign 0.741+/-0.078 χ^2/NDF: 791.2/28

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -32.378+/-0.124 χ^2/NDF:1126.8/11

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

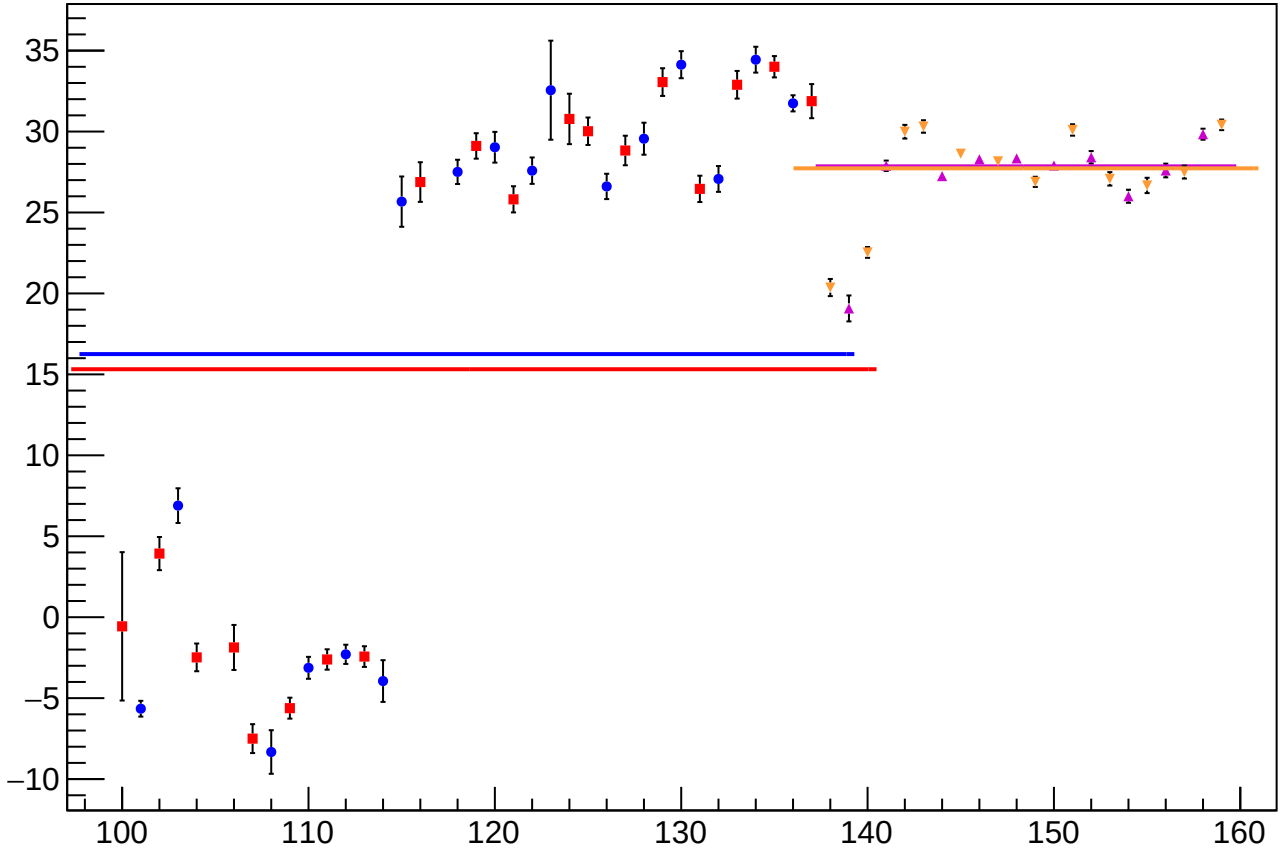
Left In: -32.611+/-0.125 χ^2/NDF:1356.6/9

+ sign -31.443+/-0.115 χ^2/NDF: 2205.0/28

All: -31.590+/-0.081 χ^2/NDF: 4467.3/57

- sign -31.739+/-0.115 χ^2/NDF: 2259.0/28

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.729+/-0.103 χ^2/NDF:648.2/11

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

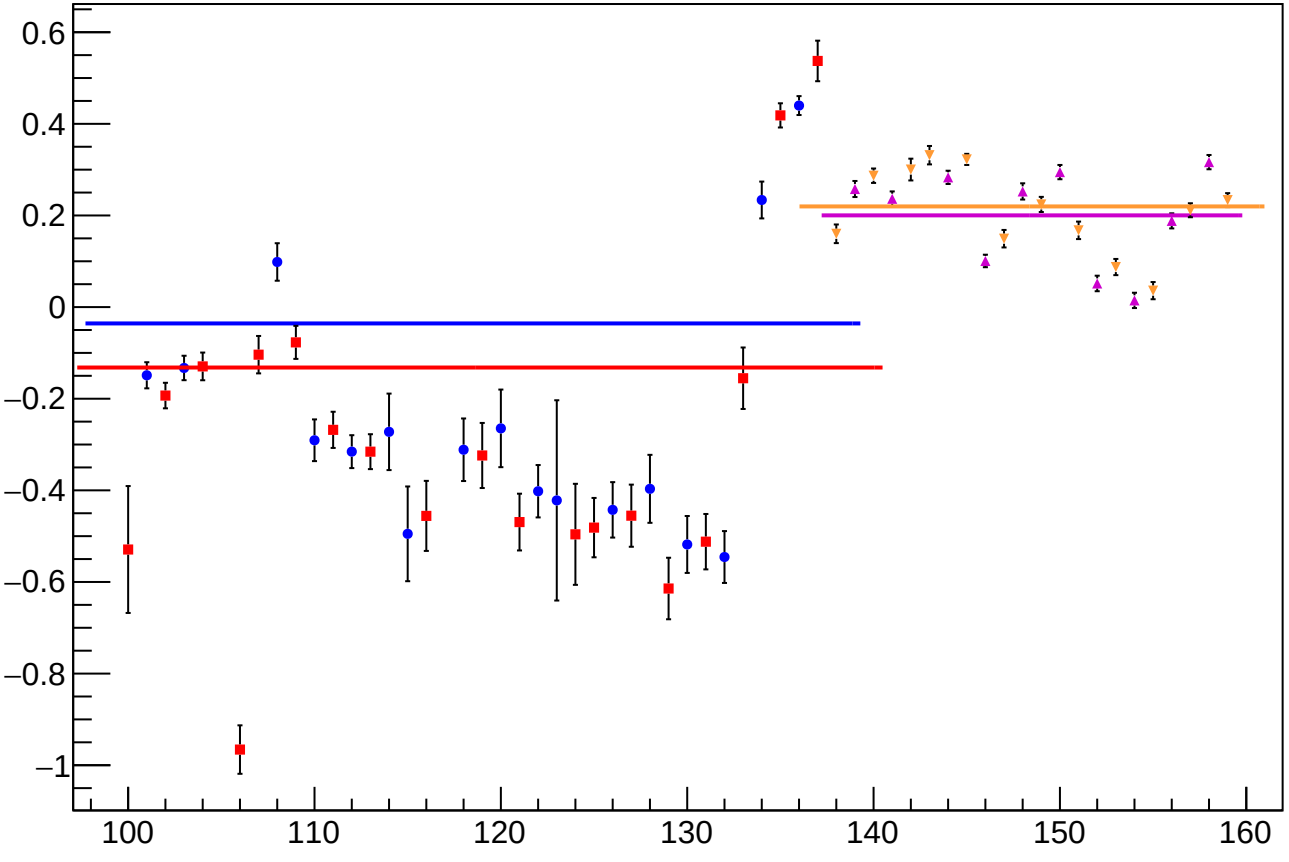
Left In: 27.850+/-0.104 χ^2/NDF:188.6/9

+ sign 25.144+/-0.091 χ^2/NDF: 11055.5/28

All: 25.122+/-0.065 χ^2/NDF: 21682.8/57

- sign 25.098+/-0.092 χ^2/NDF: 10627.2/28

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.220+/-0.005 χ^2/NDF:314.9/11

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

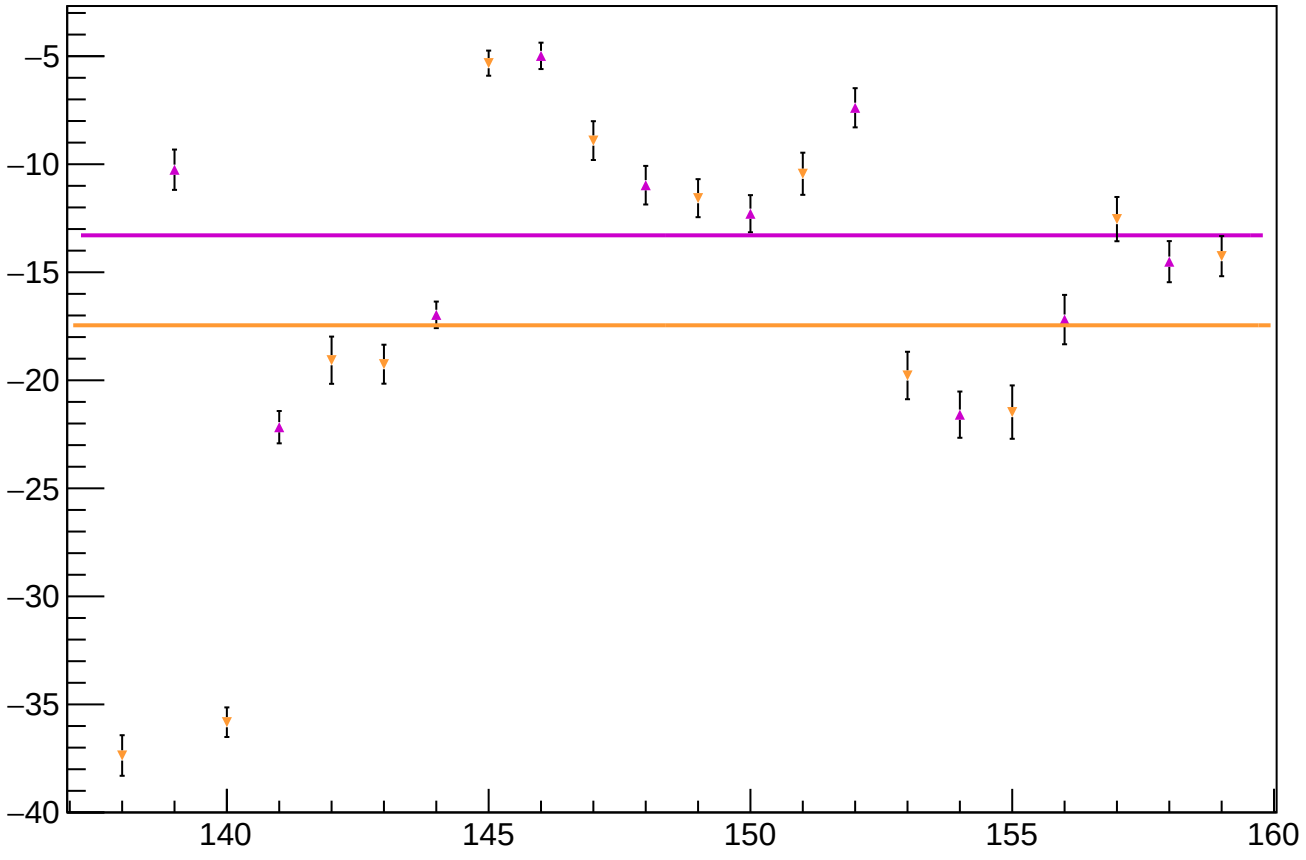
Left In: 0.200+/-0.005 χ^2/NDF:403.2/9

+ sign 0.172+/-0.004 χ^2/NDF: 1829.1/28

All: 0.155+/-0.003 χ^2/NDF: 4266.5/57

- sign 0.137+/-0.005 χ^2/NDF: 2405.8/28

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.454+/-0.254 χ^2/NDF:1847.2/11

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

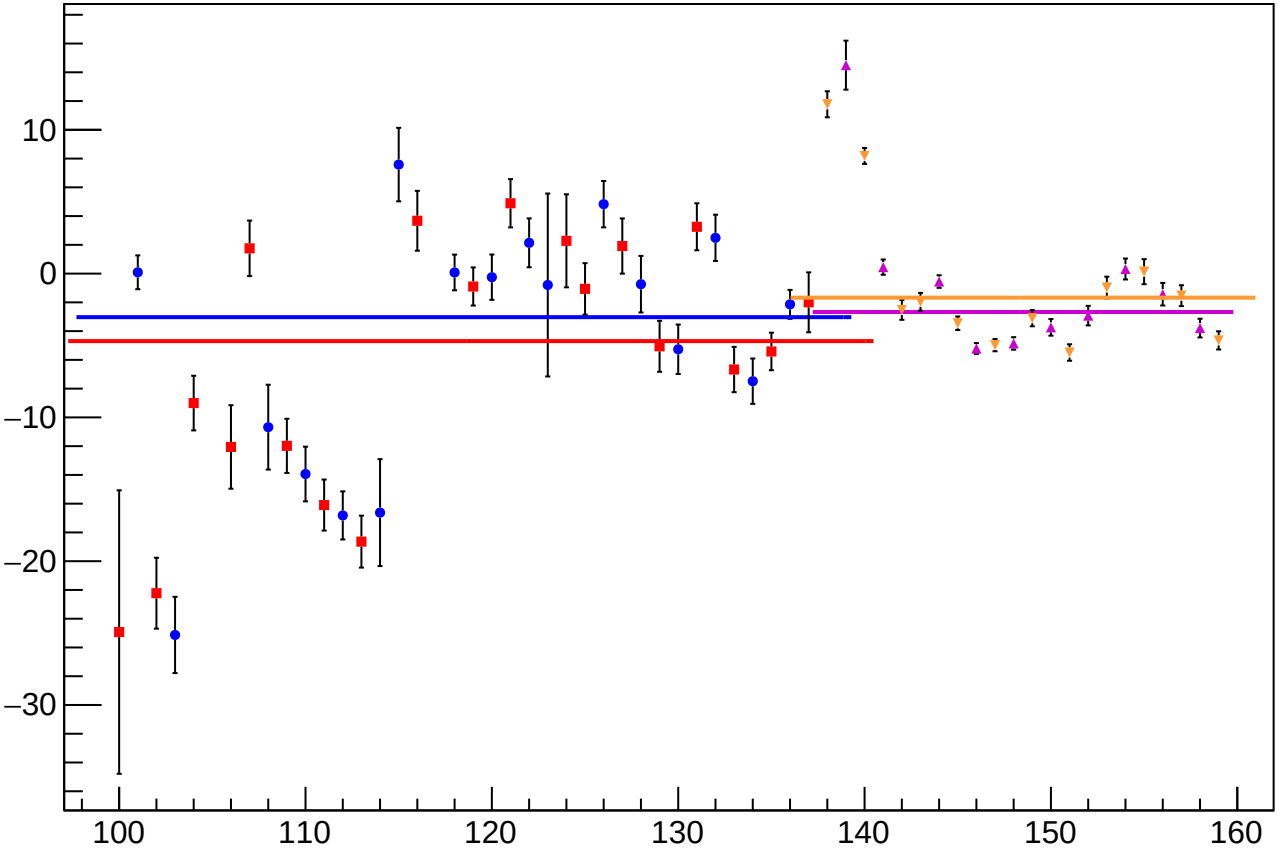
Left In: -13.291+/-0.260 χ^2/NDF:496.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.416+/-0.182 χ^2/NDF: 2474.7/21

- 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: -1.672+/-0.175 χ^2/NDF:689.1/11

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

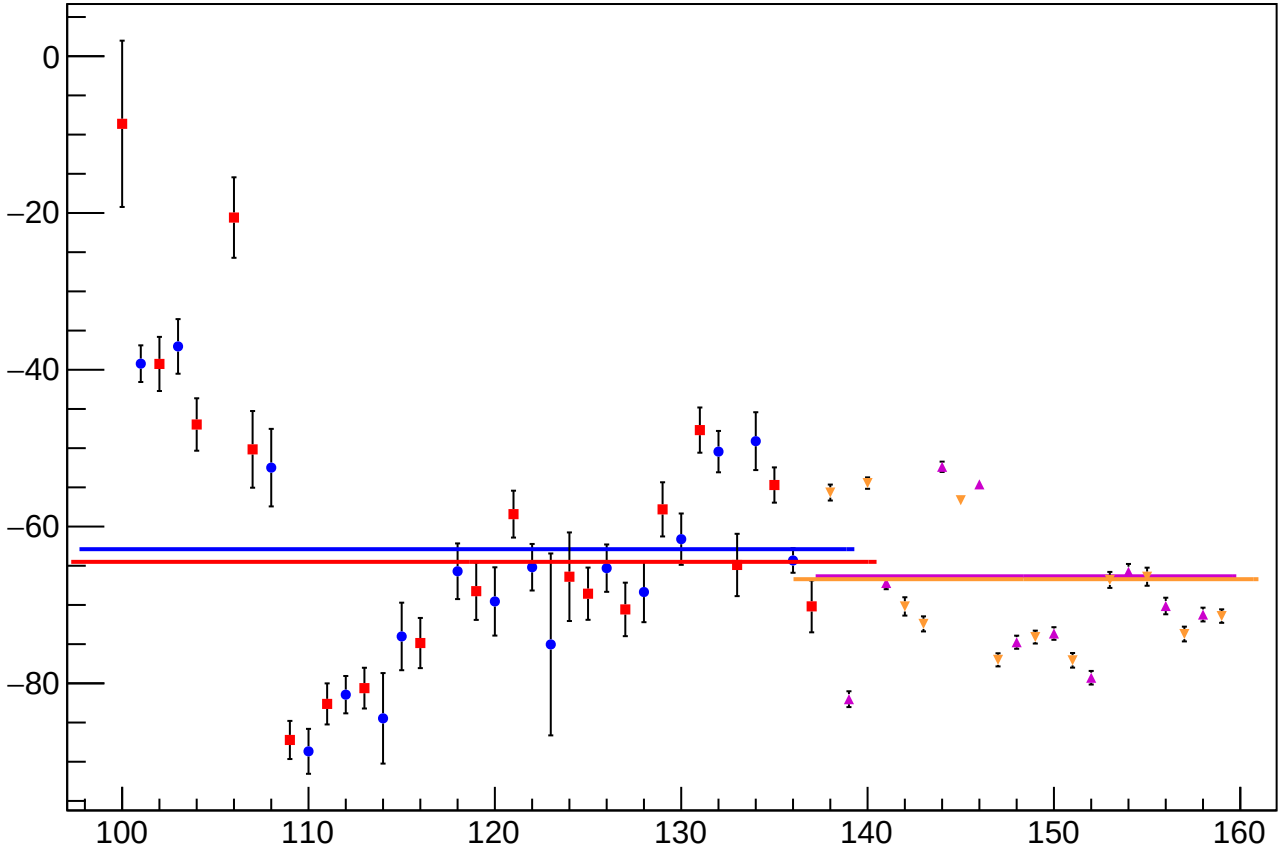
Left In: -2.670+/-0.176 χ^2/NDF:256.0/9

+ sign -1.883+/-0.160 χ^2/NDF: 979.3/28

All: -2.417+/-0.114 χ^2/NDF: 1575.2/57

- sign -2.963+/-0.162 χ^2/NDF: 573.6/28

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -66.713+/-0.254 χ^2/NDF:1150.1/11

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

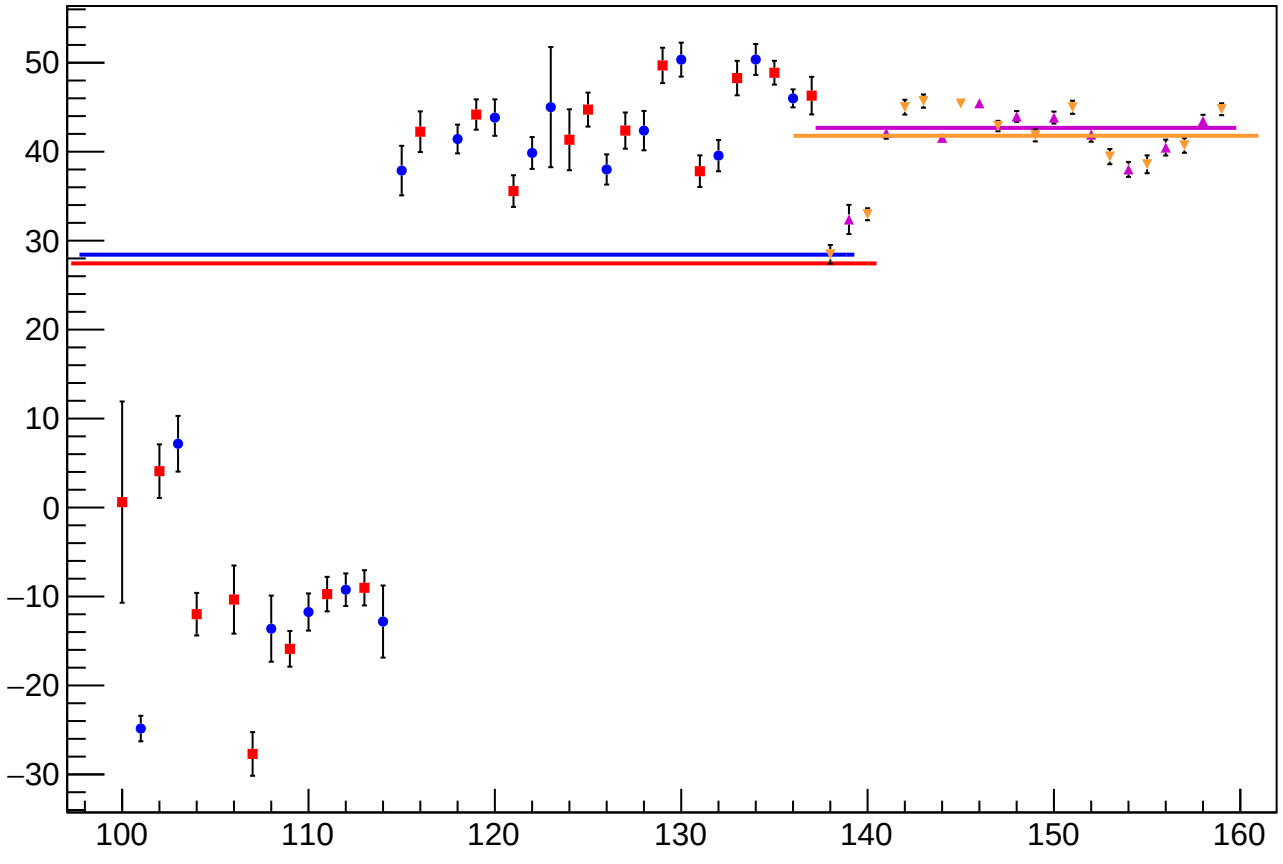
Left In: -66.344+/-0.256 χ^2/NDF:1542.8/9

+ sign -66.308+/-0.240 χ^2/NDF: 1542.9/28

All: -66.231+/-0.170 χ^2/NDF: 3535.3/57

- sign -66.153+/-0.242 χ^2/NDF: 1992.3/28

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 41.790+/-0.210 χ^2/NDF:482.1/11

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

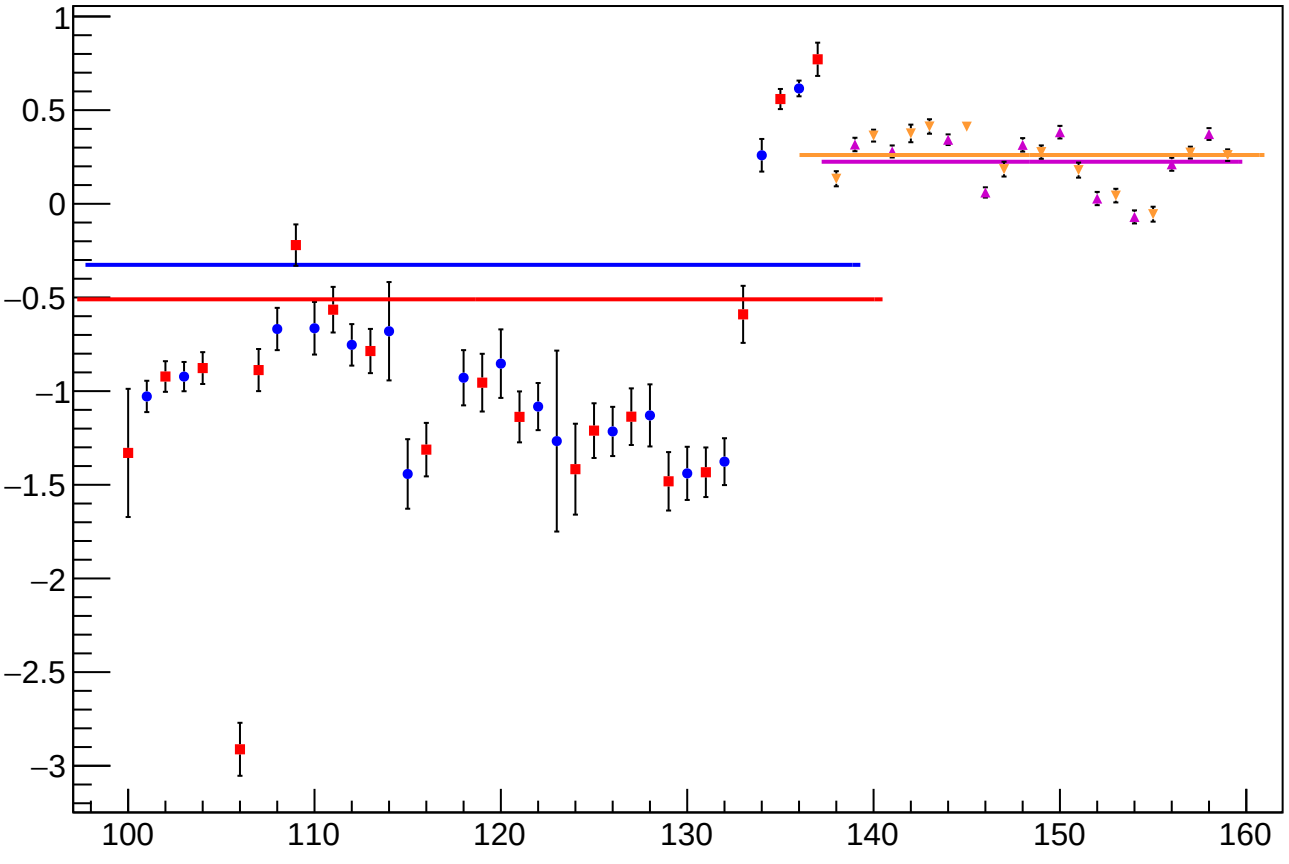
Left In: 42.677+/-0.212 χ^2/NDF:125.0/9

+ sign 39.459+/-0.191 χ^2/NDF: 4518.2/28

All: 39.810+/-0.136 χ^2/NDF: 8529.7/57

- sign 40.172+/-0.194 χ^2/NDF: 4004.6/28

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.261+/-0.010 χ^2/NDF:187.1/11

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

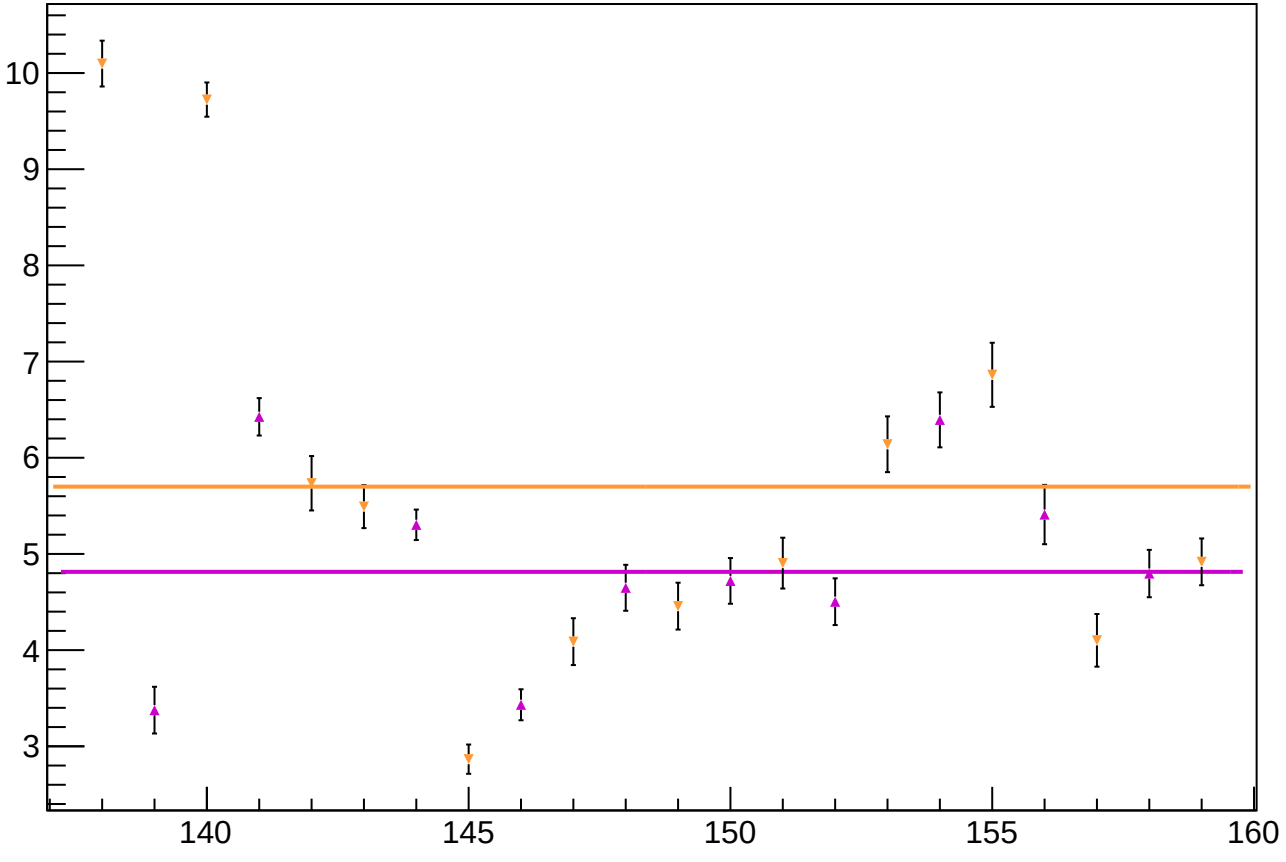
Left In: 0.225+/-0.010 χ^2/NDF:214.8/9

+ sign 0.178+/-0.009 χ^2/NDF: 1677.0/28

All: 0.151+/-0.007 χ^2/NDF: 3782.0/57

- sign 0.123+/-0.010 χ^2/NDF: 2087.7/28

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.700+/-0.067 χ^2/NDF:1337.0/11

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

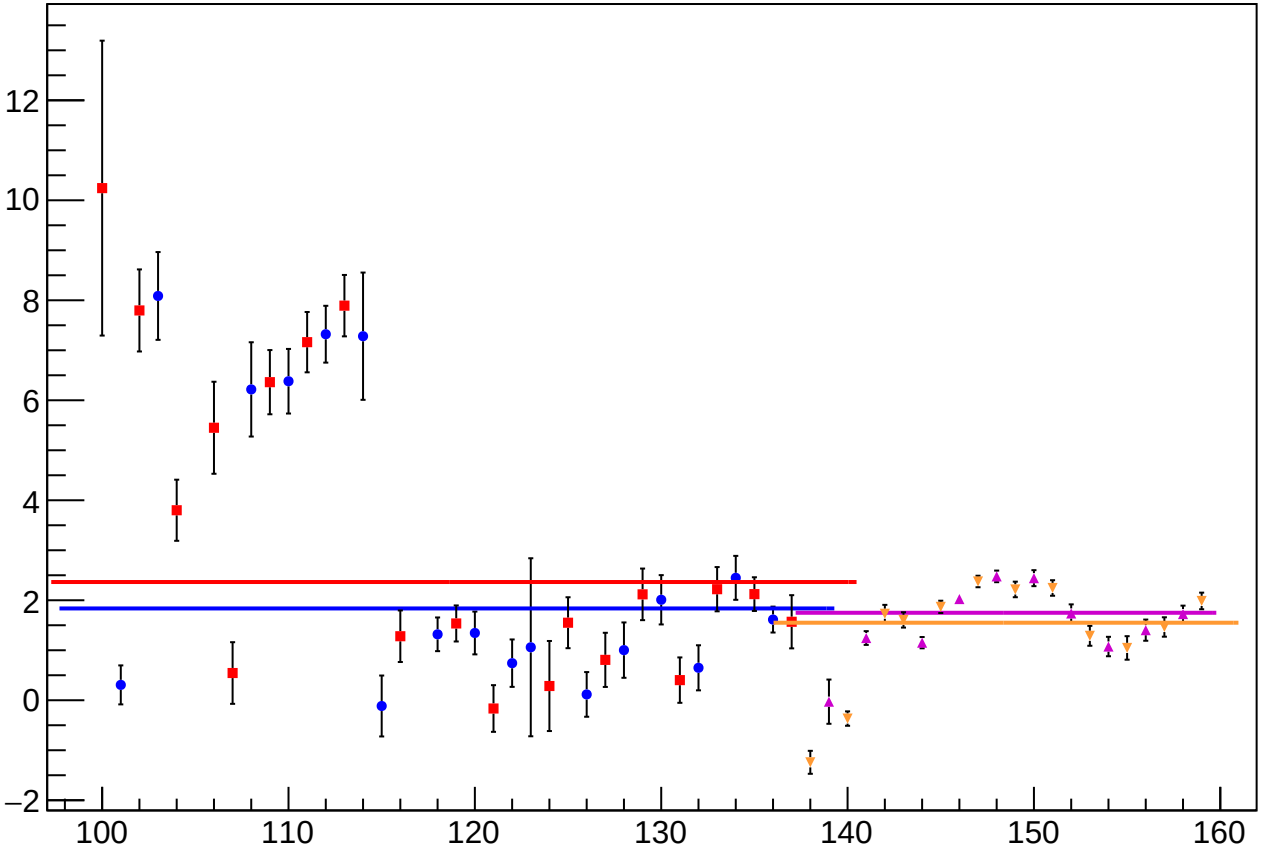
Left In: 4.814+/-0.068 χ^2/NDF:223.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.268+/-0.048 χ^2/NDF: 1646.2/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 1.551+/-0.046 χ^2/NDF:435.2/11

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

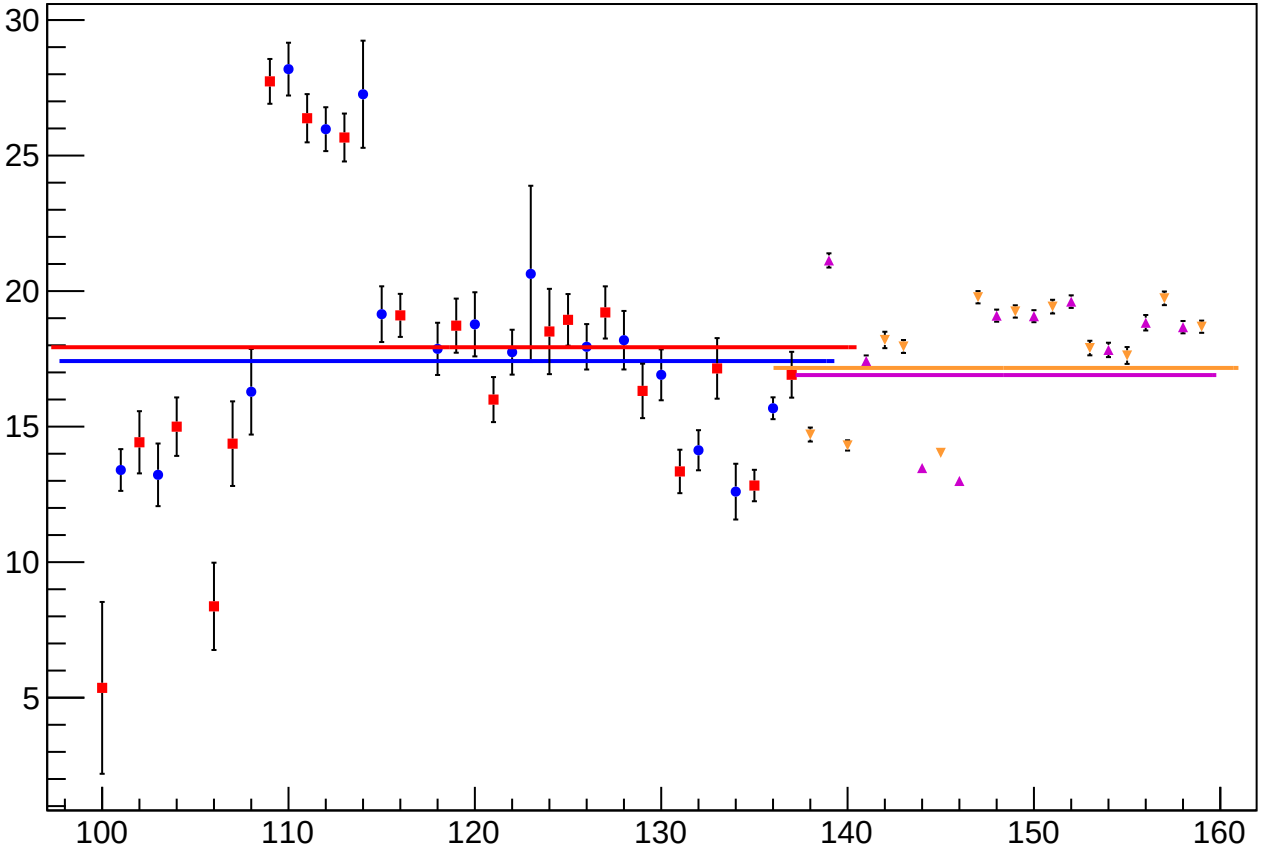
Left In: 1.750+/-0.046 χ^2/NDF:138.4/9

+ sign 1.590+/-0.043 χ^2/NDF: 735.3/28

All: 1.707+/-0.030 χ^2/NDF: 1247.3/57

- sign 1.826+/-0.043 χ^2/NDF: 496.9/28

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 17.165+/-0.067 χ^2/NDF:1170.2/11

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

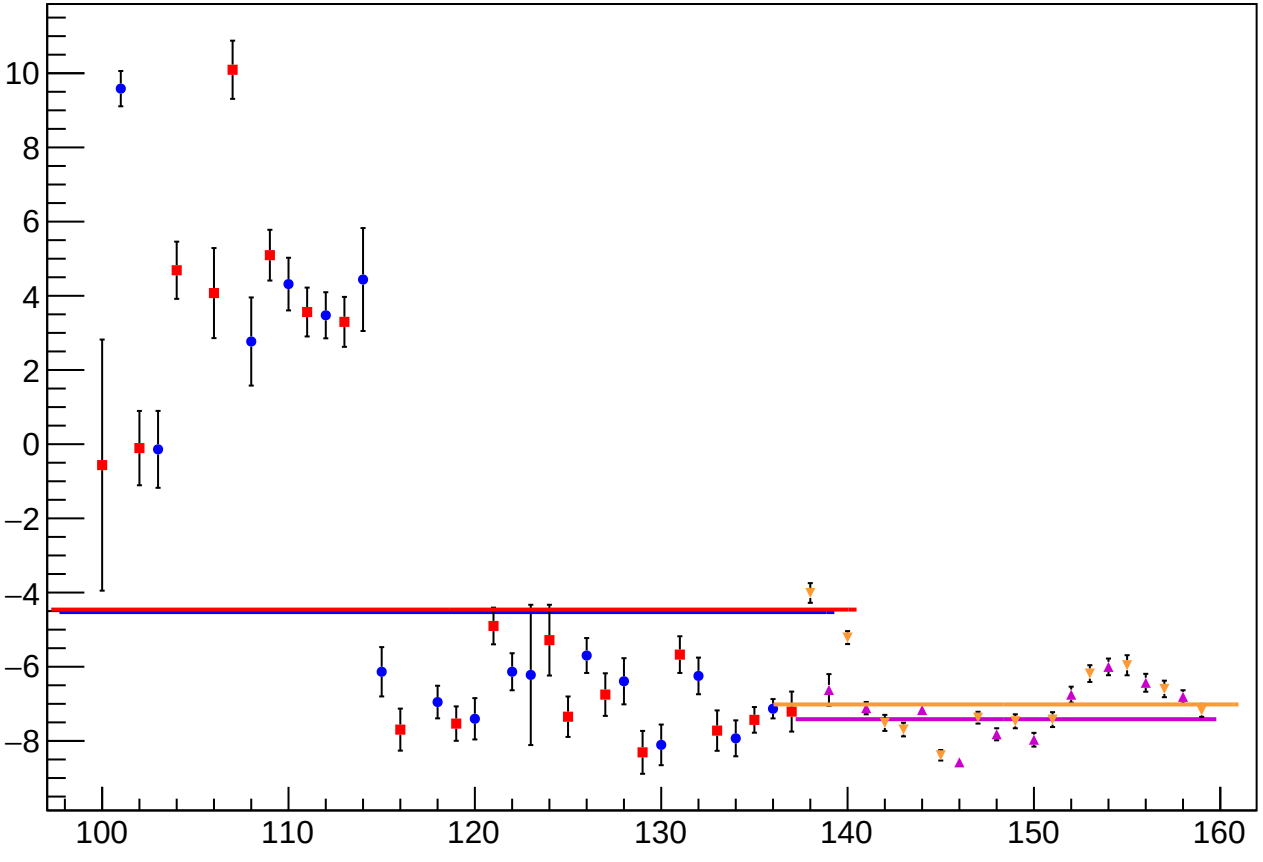
Left In: 16.902+/-0.068 χ^2/NDF:1758.2/9

+ sign 17.188+/-0.064 χ^2/NDF: 1538.3/28

All: 17.091+/-0.045 χ^2/NDF: 3827.6/57

- sign 16.991+/-0.065 χ^2/NDF: 2284.6/28

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -7.016+/-0.055 χ^2/NDF:394.7/11

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

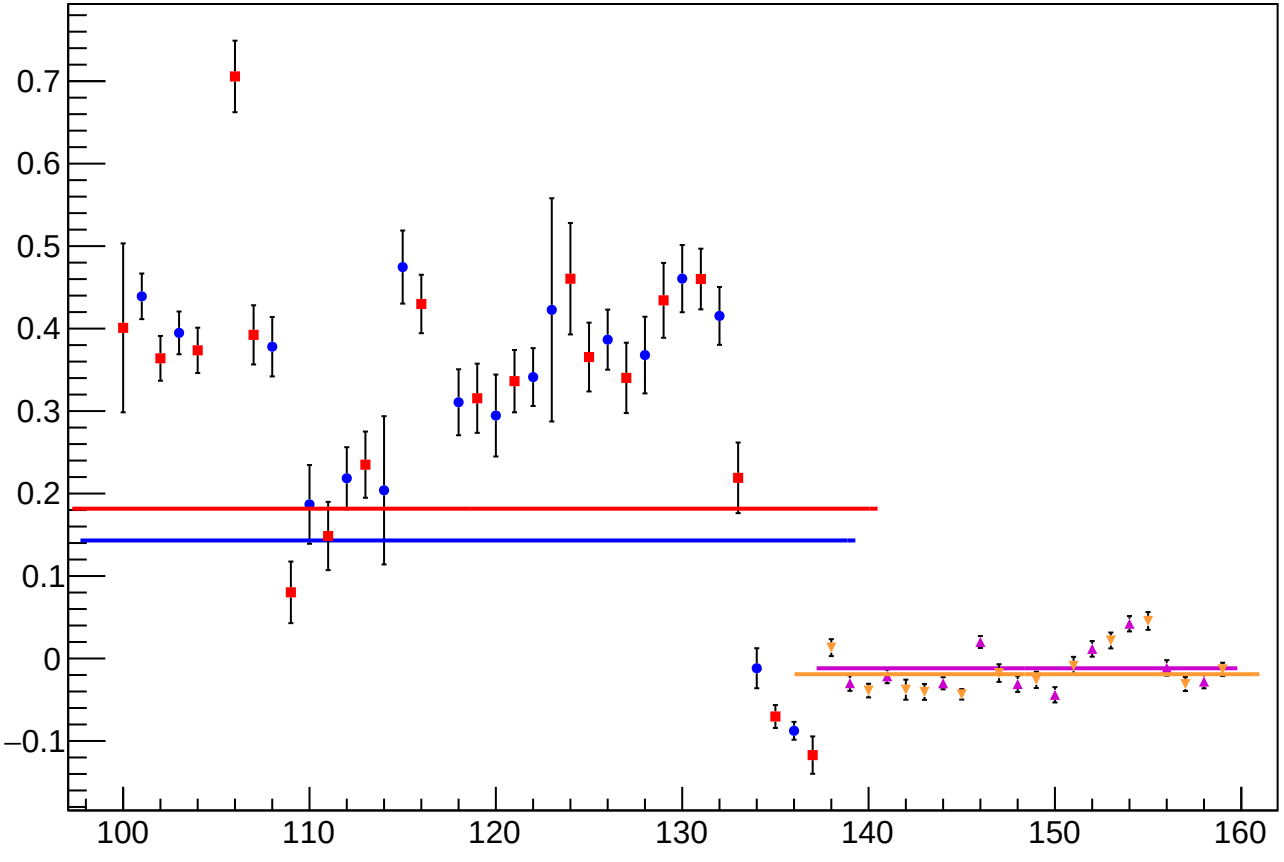
Left In: -7.414+/-0.056 χ^2/NDF:189.6/9

+ sign -6.631+/-0.051 χ^2/NDF: 2297.3/28

All: -6.808+/-0.036 χ^2/NDF: 4249.2/57

- sign -6.991+/-0.052 χ^2/NDF: 1927.3/28

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: -0.019+/-0.003 χ^2/NDF:95.7/11

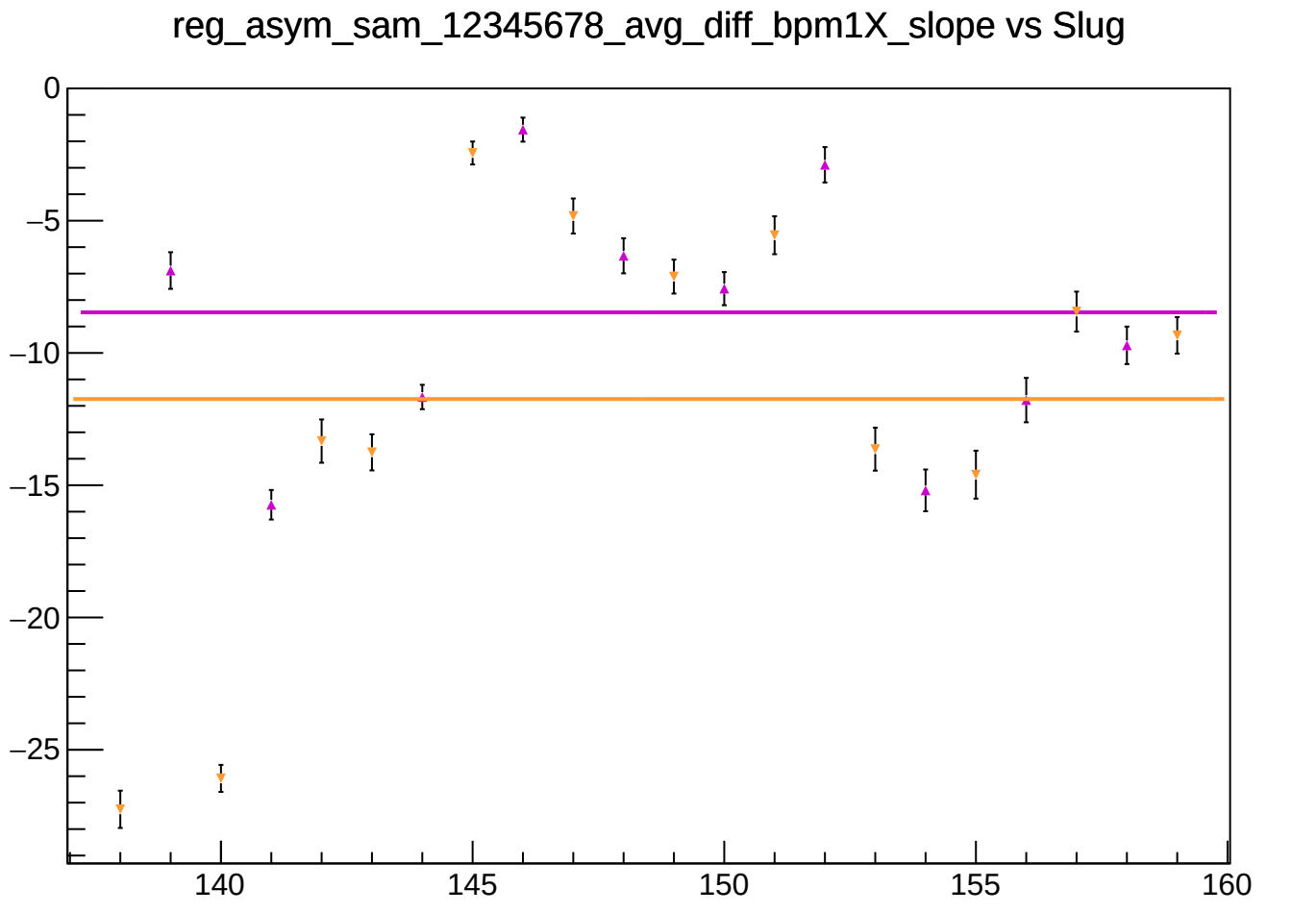
Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.012+/-0.003 χ^2/NDF:90.3/9

+ sign 0.001+/-0.002 χ^2/NDF: 1619.7/28

All: 0.006+/-0.002 χ^2/NDF: 3330.3/57

- sign 0.011+/-0.003 χ^2/NDF: 1702.4/28



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

Left Out: -11.742+/-0.189 χ^2/NDF:2027.5/11

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

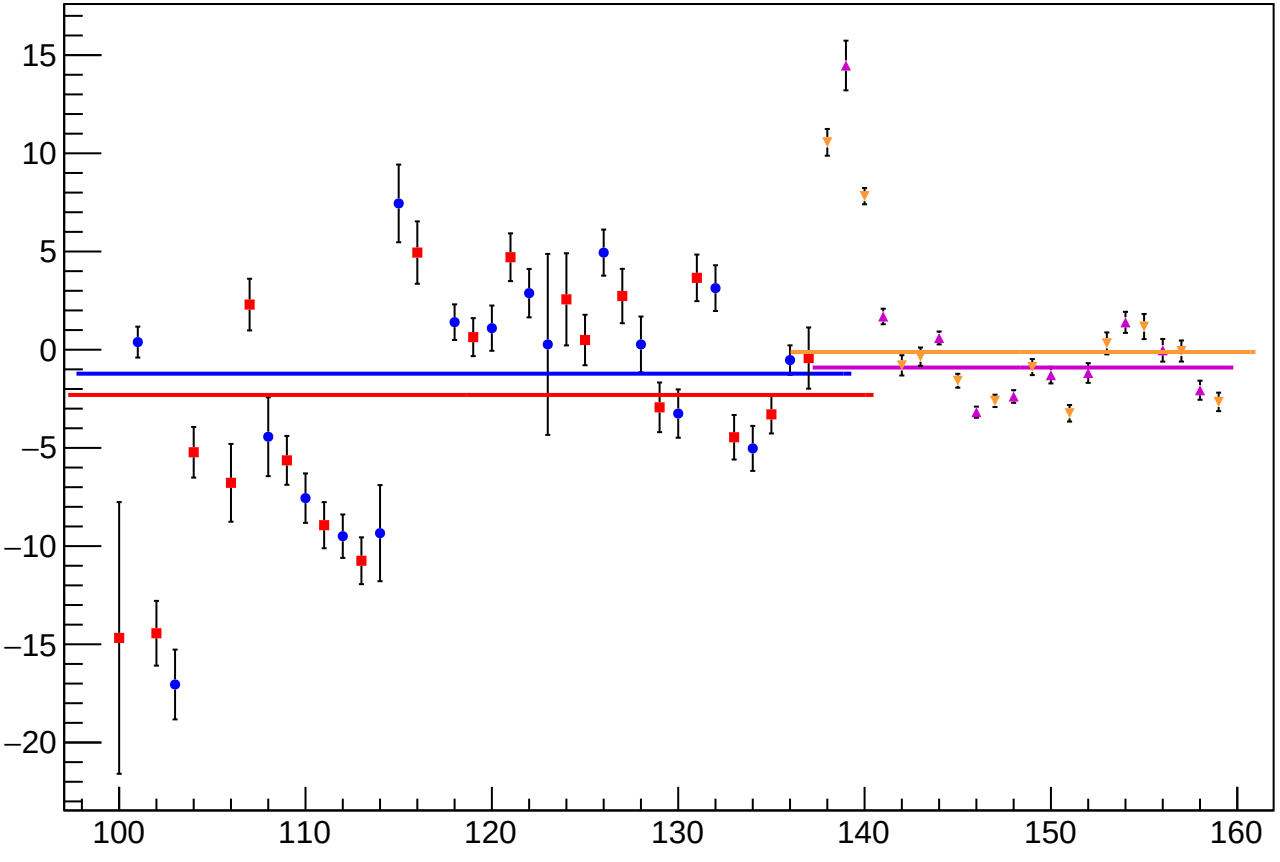
Left In: -8.465+/-0.193 χ^2/NDF:627.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.137+/-0.135 χ^2/NDF: 2802.5/21

- 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: -0.117+/-0.130 χ^2/NDF:786.7/11

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

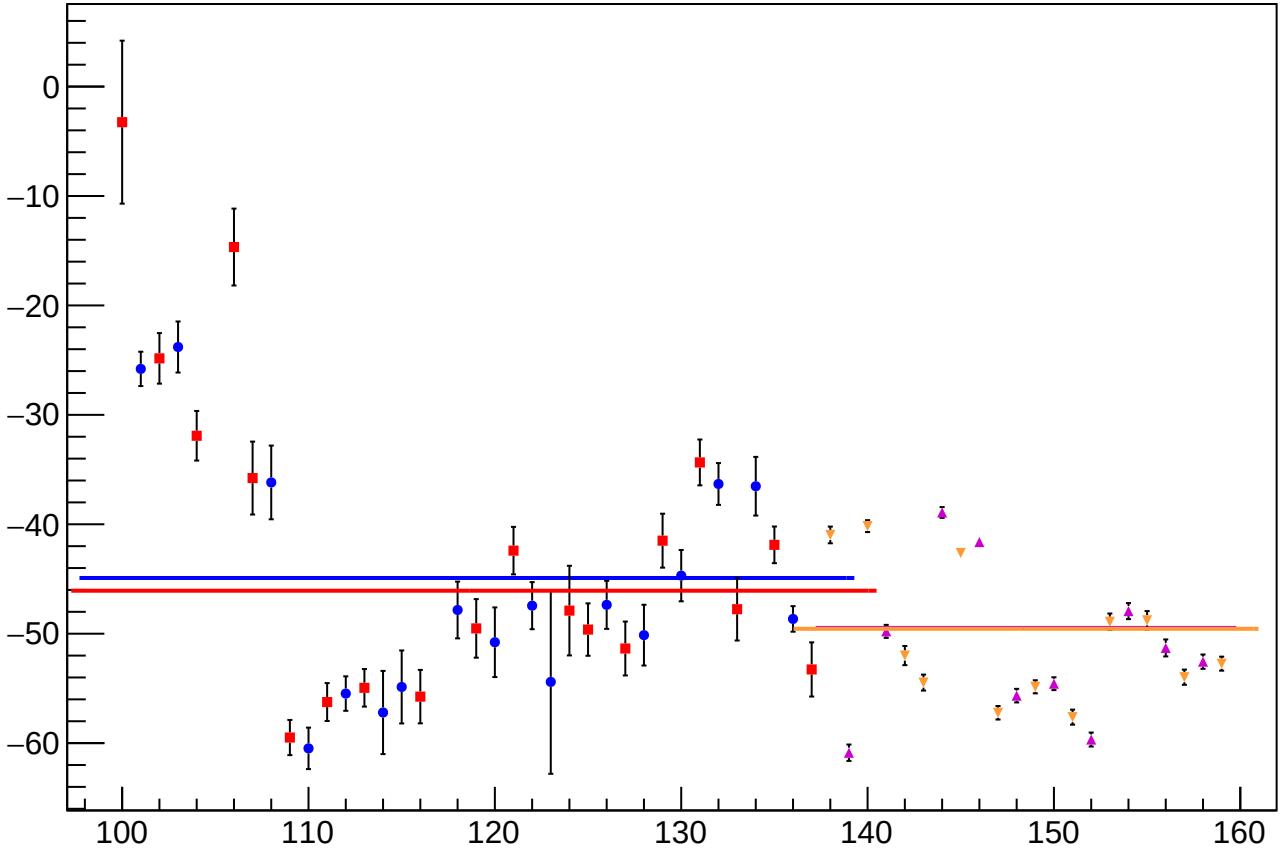
Left In: -0.907+/-0.131 χ^2/NDF:324.9/9

+ sign -0.300+/-0.118 χ^2/NDF: 1077.4/28

All: -0.708+/-0.084 χ^2/NDF: 1730.5/57

- sign -1.127+/-0.120 χ^2/NDF: 629.1/28

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -49.552+/-0.188 χ^2/NDF:1141.5/11

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

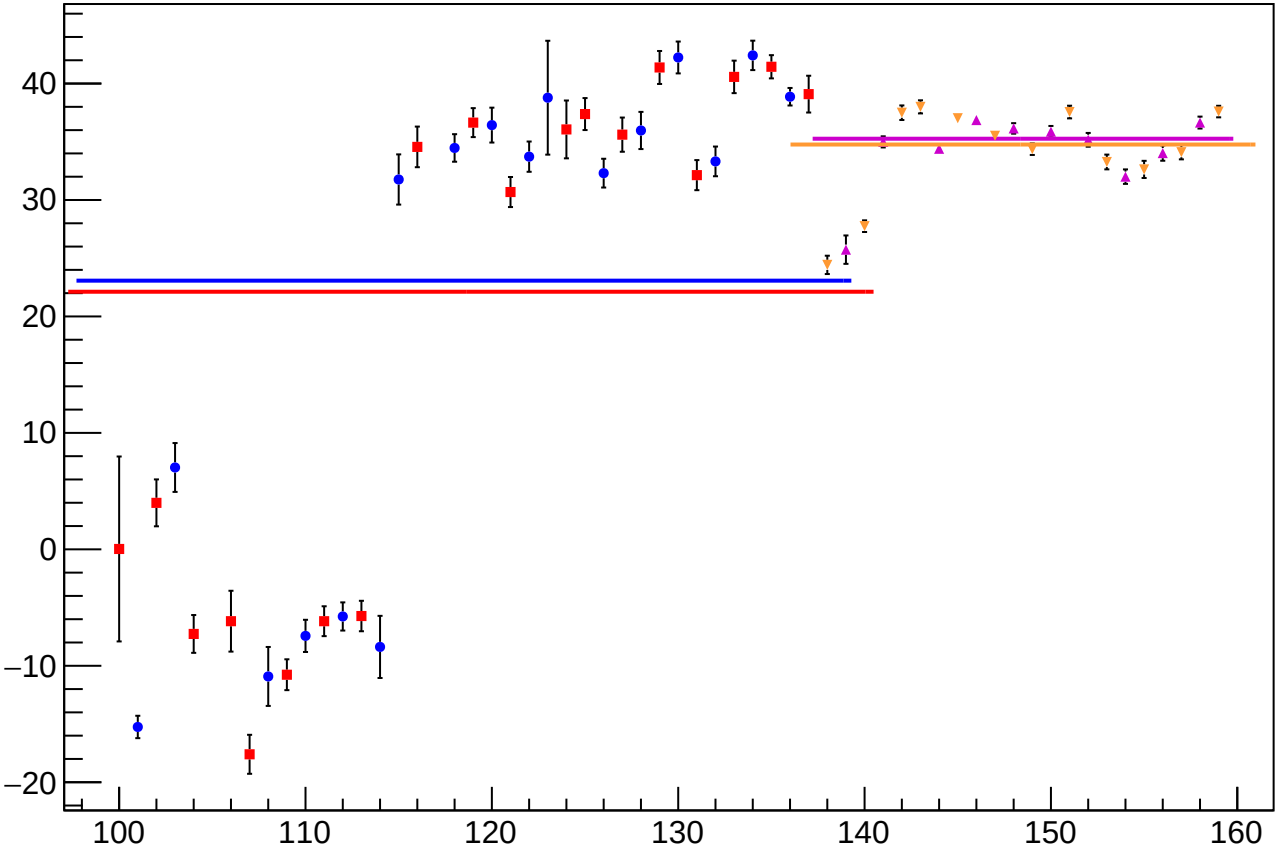
Left In: -49.473+/-0.190 χ^2/NDF:1473.1/9

+ sign -49.018+/-0.177 χ^2/NDF: 1632.6/28

All: -49.051+/-0.126 χ^2/NDF: 3596.5/57

- sign -49.084+/-0.179 χ^2/NDF: 1963.8/28

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 34.763+/-0.156 χ^2/NDF:528.7/11

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

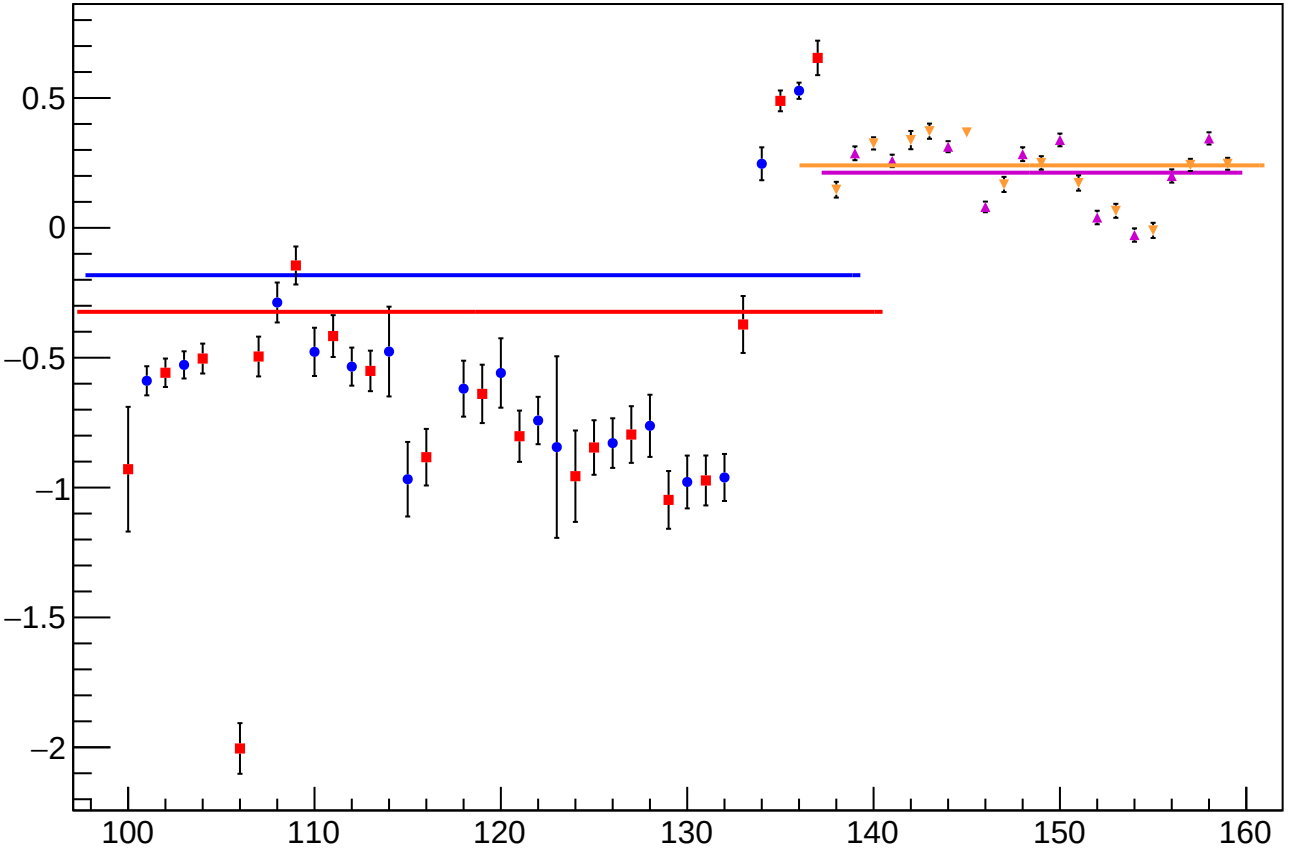
Left In: 35.262+/-0.158 χ^2/NDF:130.3/9

+ sign 32.587+/-0.141 χ^2/NDF: 5921.2/28

All: 32.757+/-0.100 χ^2/NDF: 11318.6/57

- sign 32.933+/-0.143 χ^2/NDF: 5394.4/28

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.241+/-0.007 χ^2/NDF:226.7/11

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

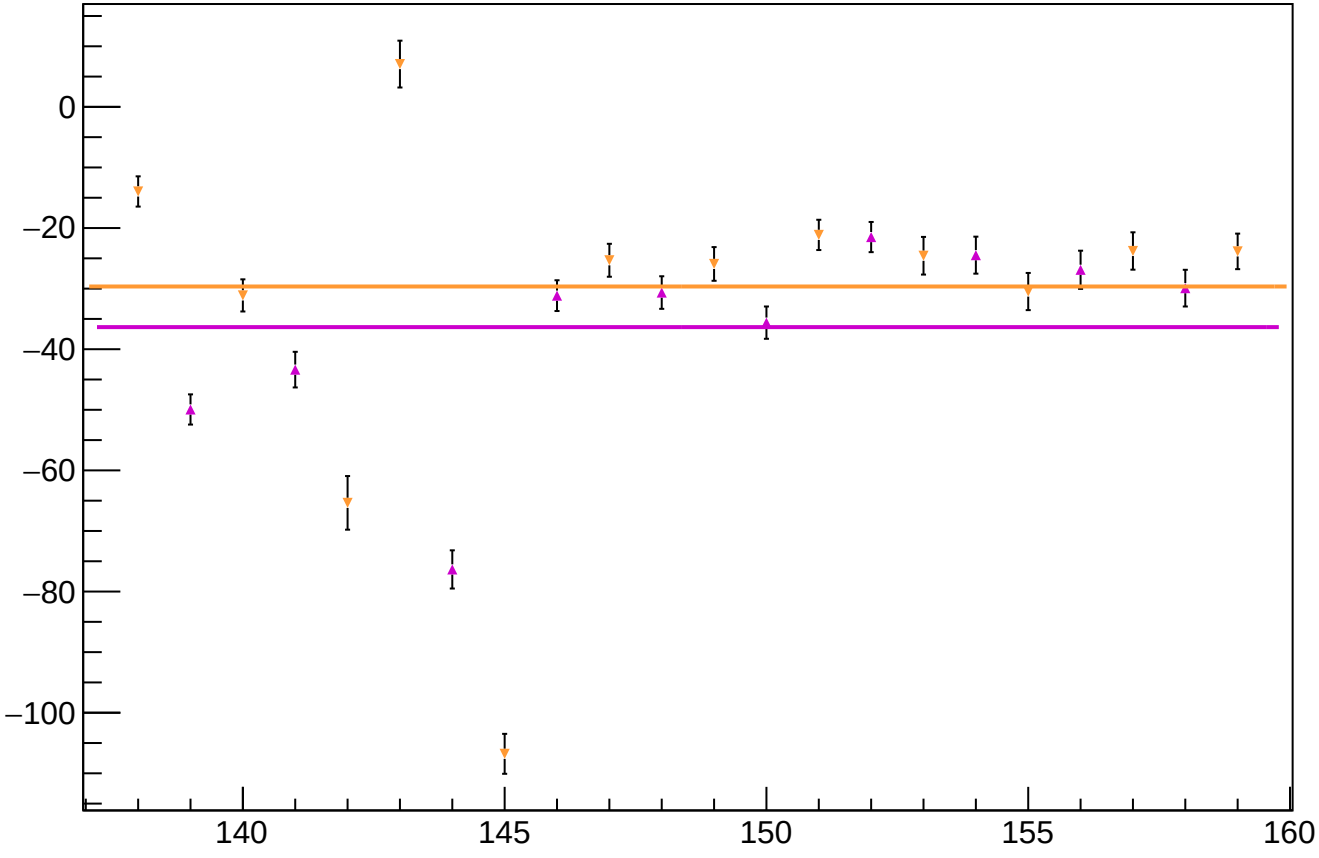
Left In: 0.212+/-0.008 χ^2/NDF:271.3/9

+ sign 0.177+/-0.007 χ^2/NDF: 1708.2/28

All: 0.155+/-0.005 χ^2/NDF: 3924.3/57

- sign 0.132+/-0.007 χ^2/NDF: 2195.1/28

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -29.648+/-0.855 χ^2/NDF:768.8/11

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

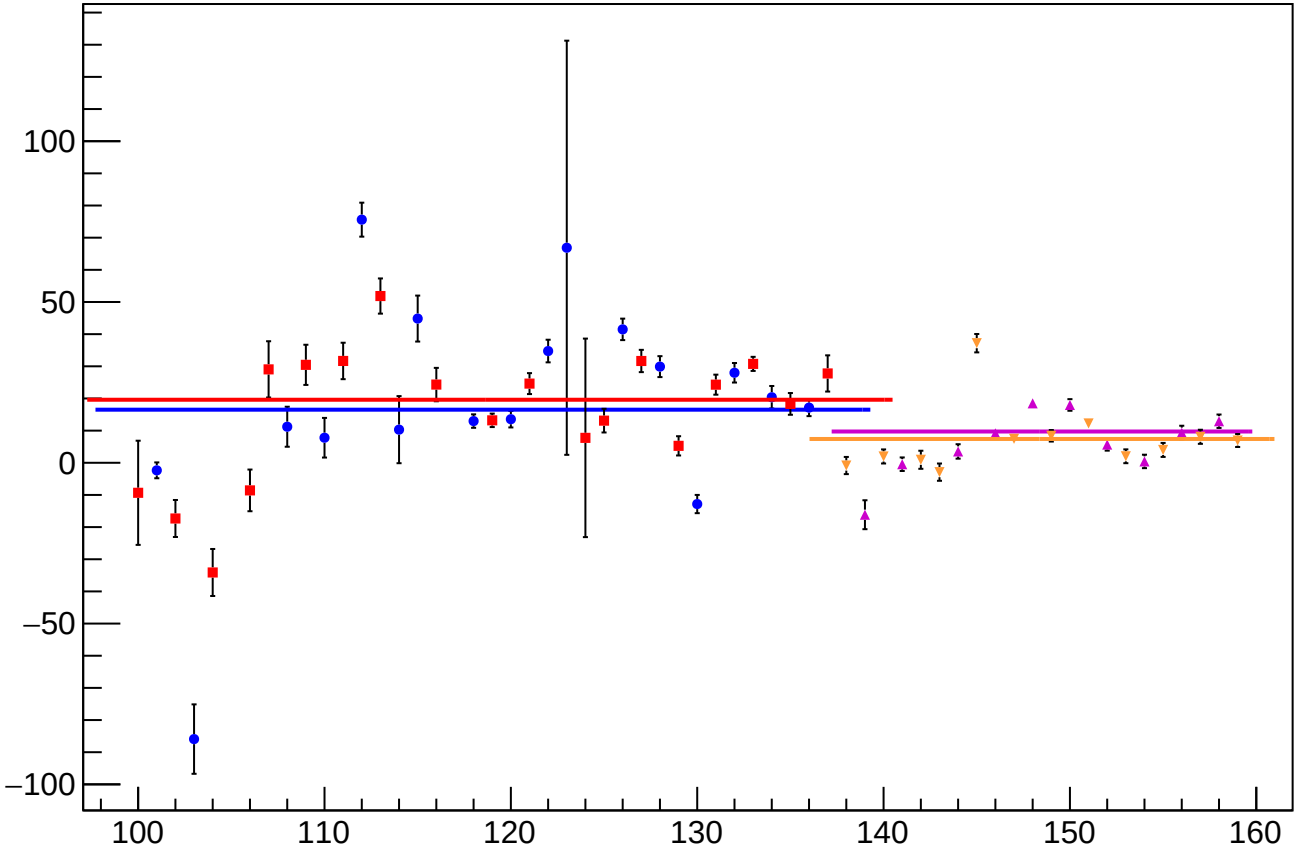
Left In: -36.353+/-0.881 χ^2/NDF:269.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.900+/-0.613 χ^2/NDF: 1068.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 7.404+/-0.575 χ^2/NDF:165.2/11

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

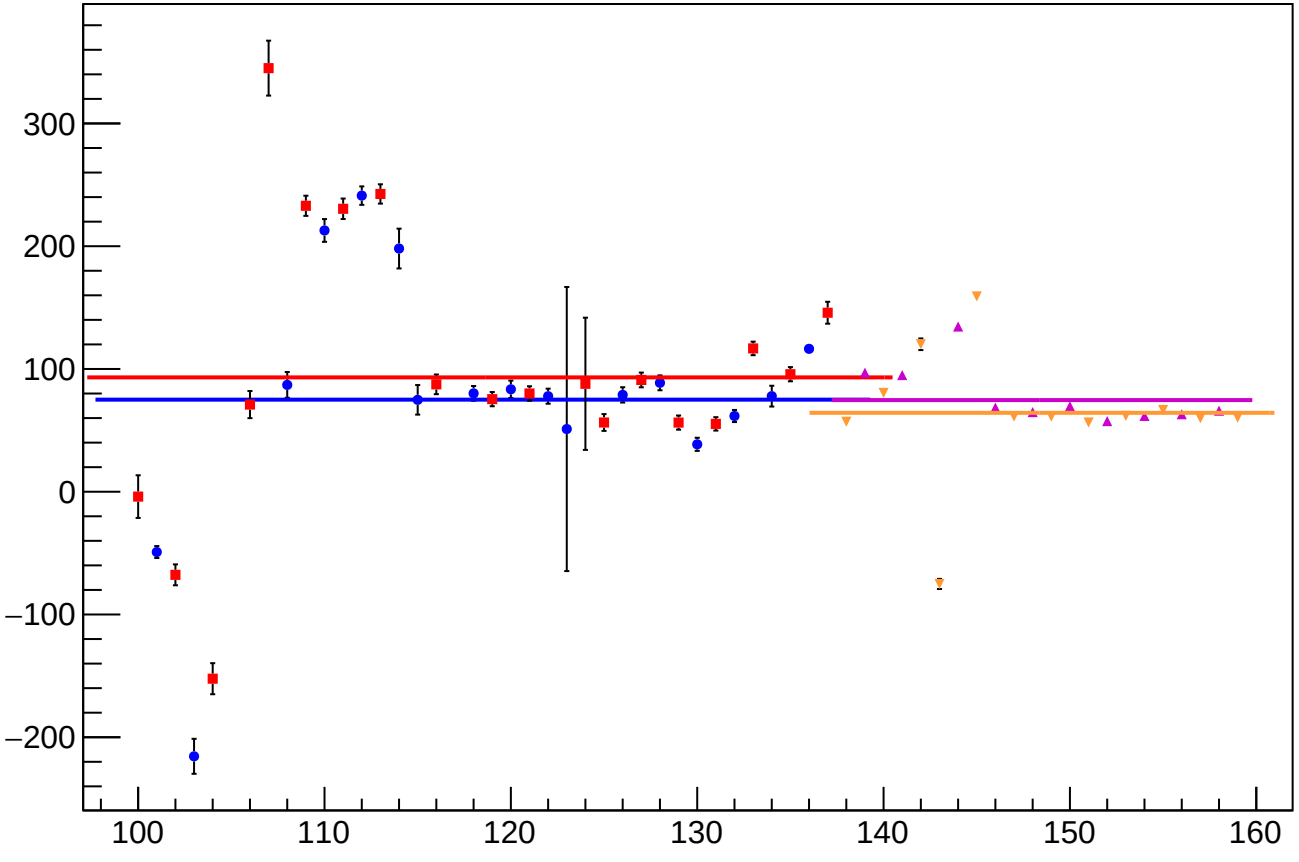
Left In: 9.727+/-0.601 χ^2/NDF:156.7/9

+ sign 10.272+/-0.476 χ^2/NDF: 764.0/28

All: 11.464+/-0.344 χ^2/NDF: 1259.4/57

- sign 12.779+/-0.499 χ^2/NDF: 482.2/28

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 64.280+/-0.836 χ^2/NDF:2107.6/11

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

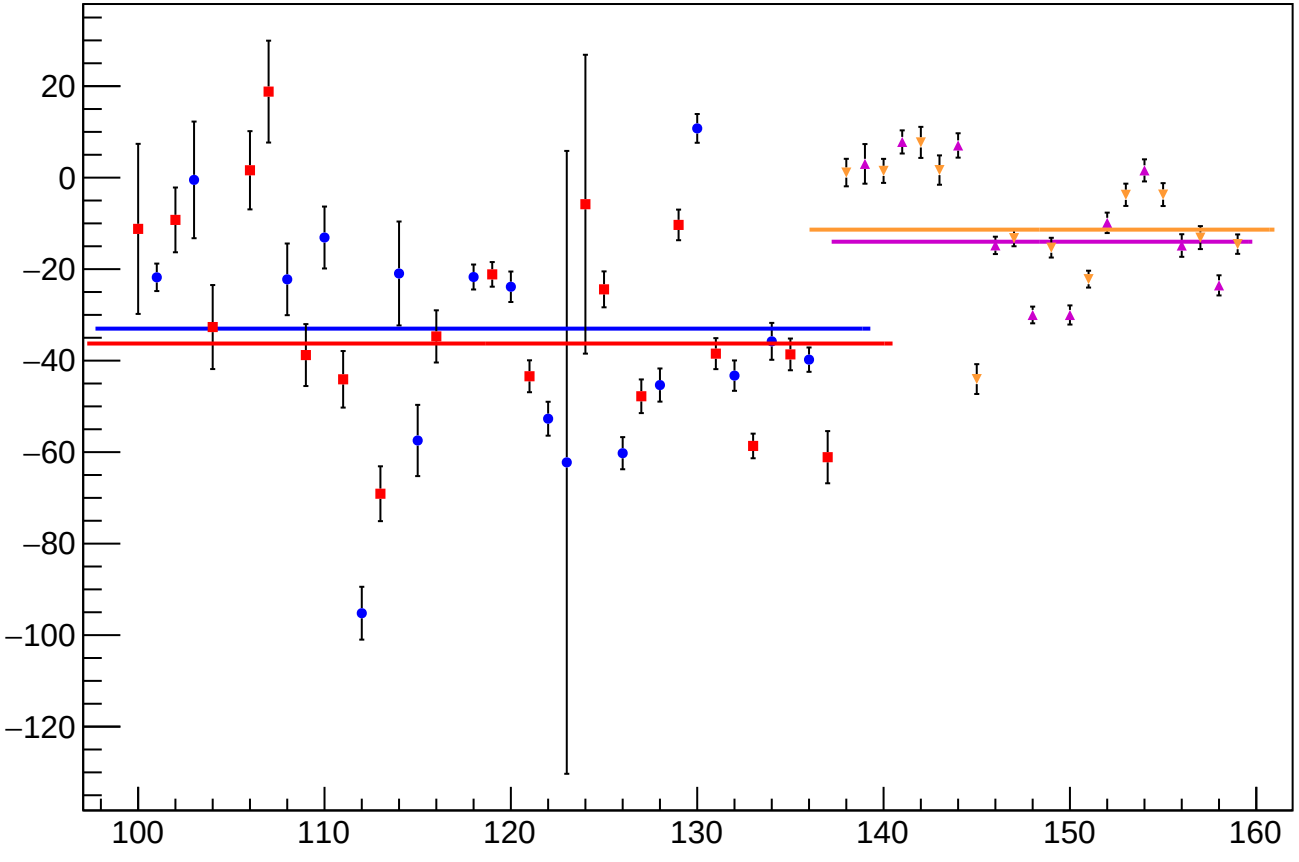
Left In: 74.653+/-0.857 χ^2/NDF:549.6/9

+ sign 66.504+/-0.745 χ^2/NDF: 4141.0/28

All: 72.262+/-0.534 χ^2/NDF: 6909.3/57

- sign 78.363+/-0.767 χ^2/NDF: 2645.2/28

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -11.365+/-0.695 χ^2/NDF:250.3/11

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

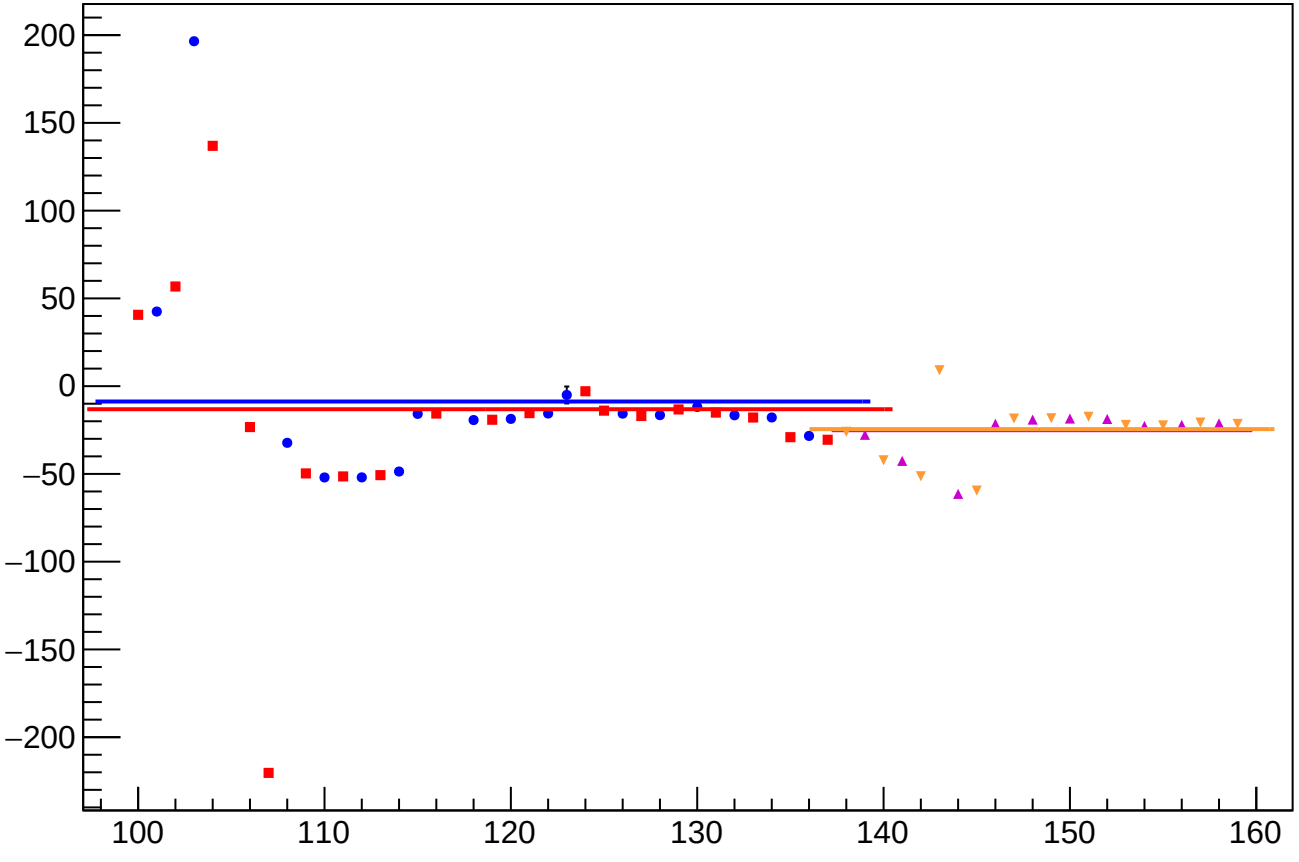
Left In: -14.006+/-0.726 χ^2/NDF:351.7/9

+ sign -18.694+/-0.566 χ^2/NDF: 1071.3/28

All: -20.000+/-0.409 χ^2/NDF: 2045.2/57

- sign -21.434+/-0.592 χ^2/NDF: 962.7/28

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -24.483+/-0.033 χ^2/NDF:163190.3/11

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

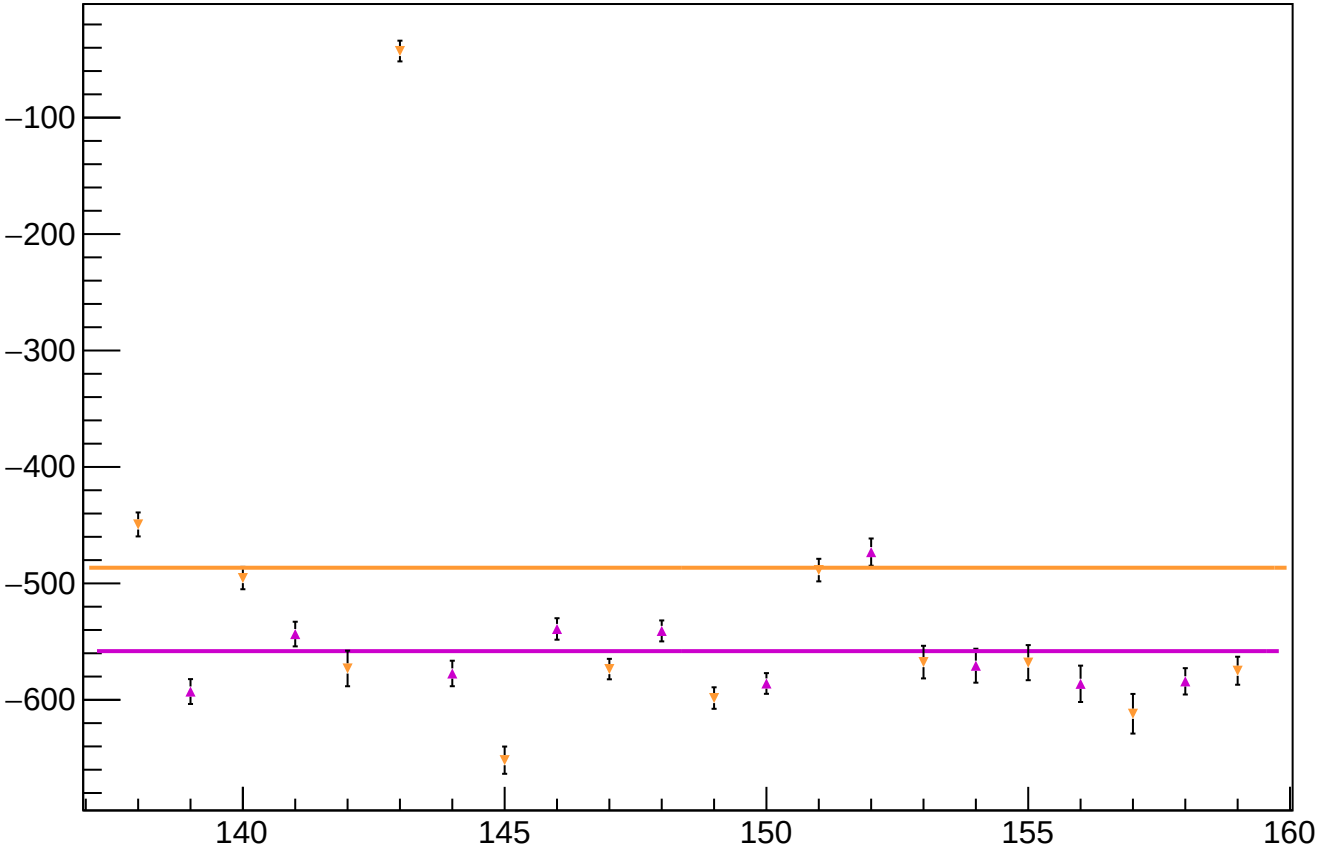
Left In: -25.092+/-0.034 χ^2/NDF:95965.2/9

+ sign -20.750+/-0.029 χ^2/NDF: 793788.0/28

All: -21.539+/-0.021 χ^2/NDF: 1478884.0/57

- sign -22.373+/-0.029 χ^2/NDF: 683535.4/28

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -486.538+/-3.167 χ^2/NDF:3148.0/11

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

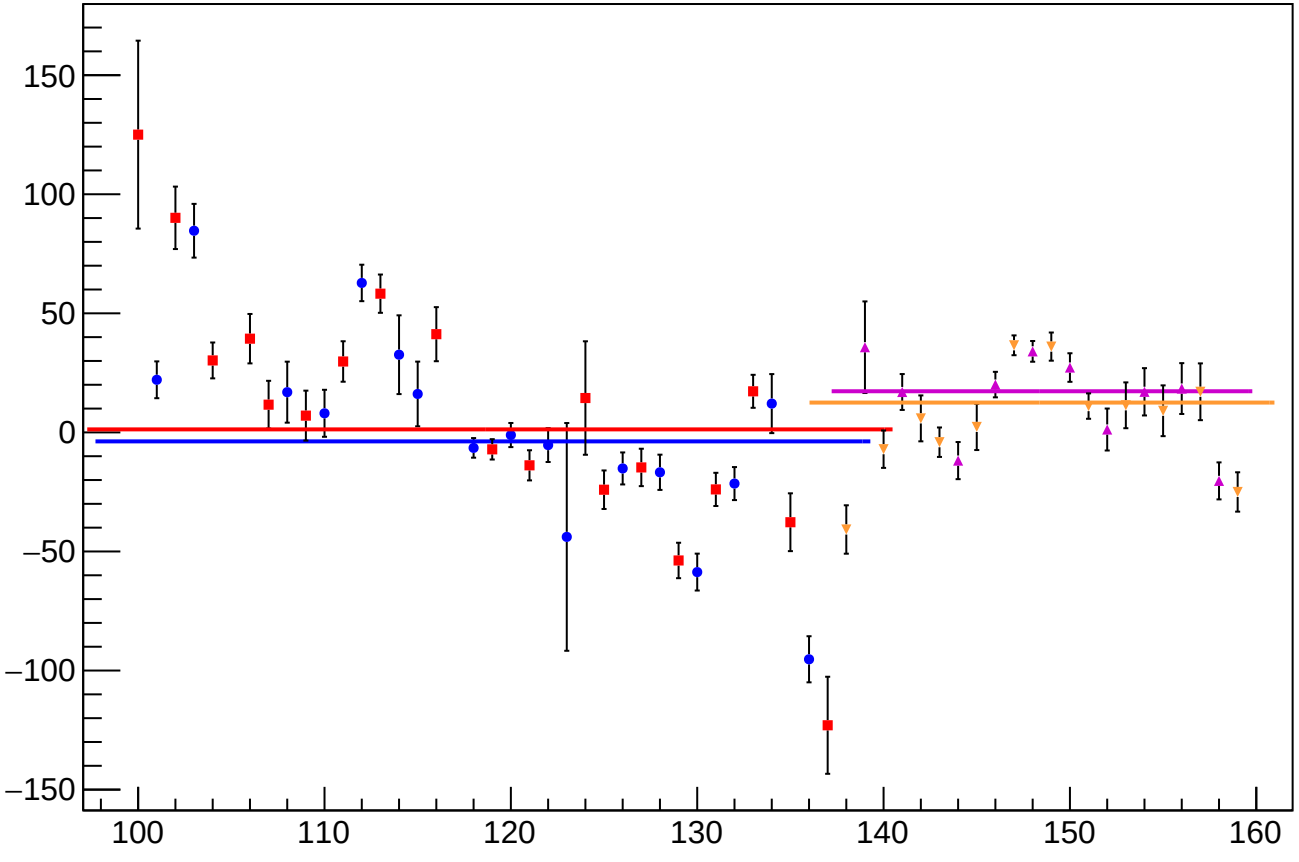
Left In: -558.167+/-3.395 χ^2/NDF:95.4/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -519.862+/-2.316 χ^2/NDF: 3481.5/21

- 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: 12.523+/-2.058 χ^2/NDF:112.7/11

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

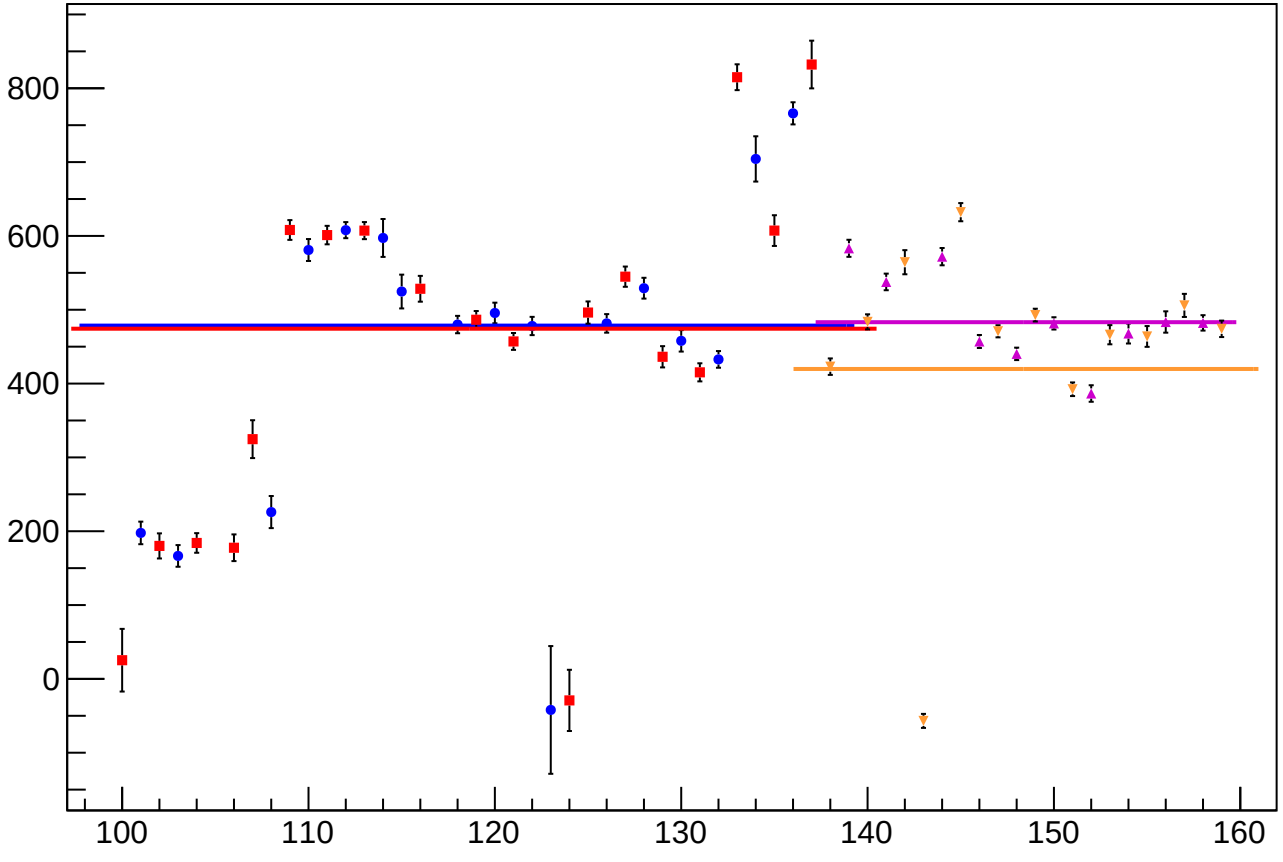
Left In: 17.277+/-2.233 χ^2/NDF:59.5/9

+ sign 3.677+/-1.391 χ^2/NDF: 461.1/28

All: 5.775+/-1.006 χ^2/NDF: 858.6/57

- sign 8.072+/-1.456 χ^2/NDF: 392.8/28

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 419.787+/-3.129 χ^2/NDF:3129.1/11

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

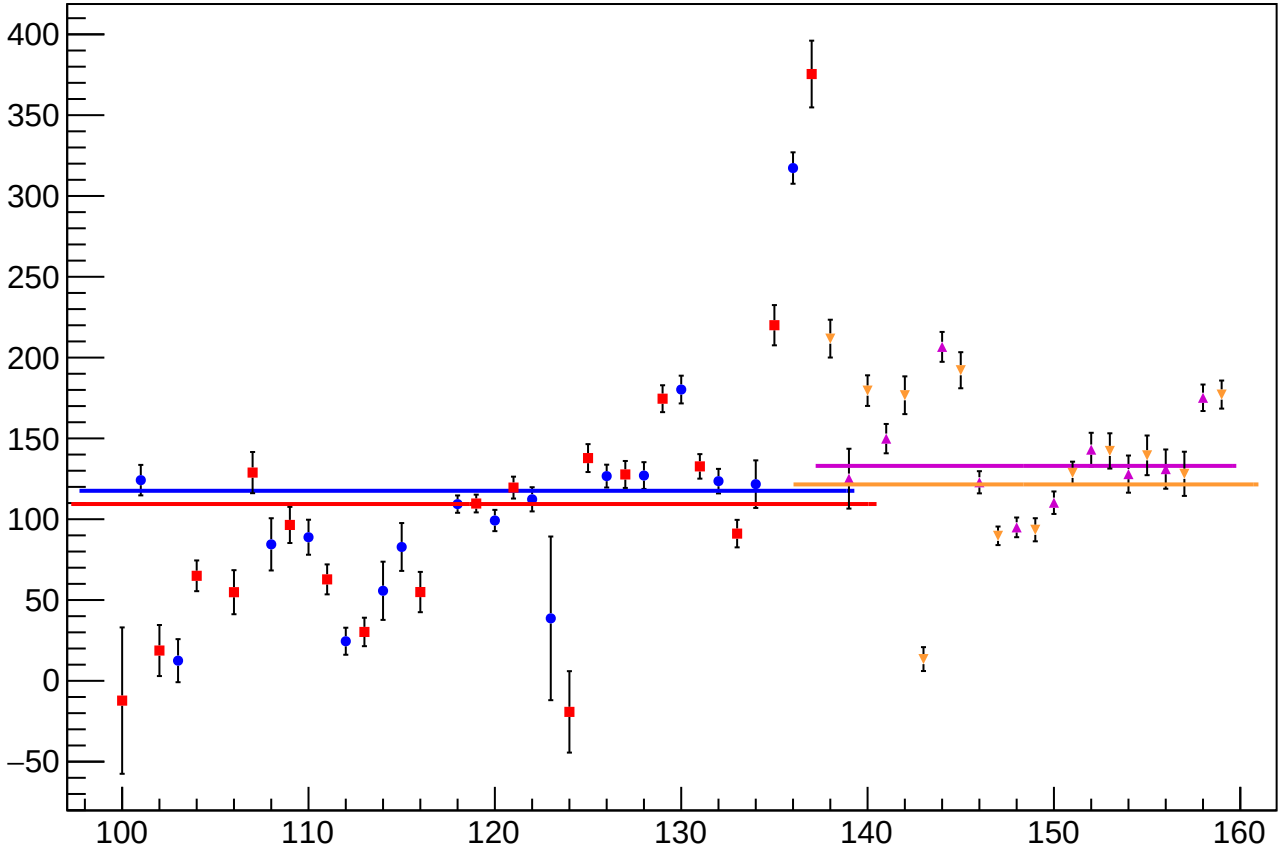
Left In: 483.158+/-3.307 χ^2/NDF:266.3/9

+ sign 444.823+/-2.370 χ^2/NDF: 4908.3/28

All: 461.614+/-1.691 χ^2/NDF: 7567.3/57

- sign 479.035+/-2.414 χ^2/NDF: 2556.7/28

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 121.529+/-2.529 χ^2/NDF:467.0/11

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

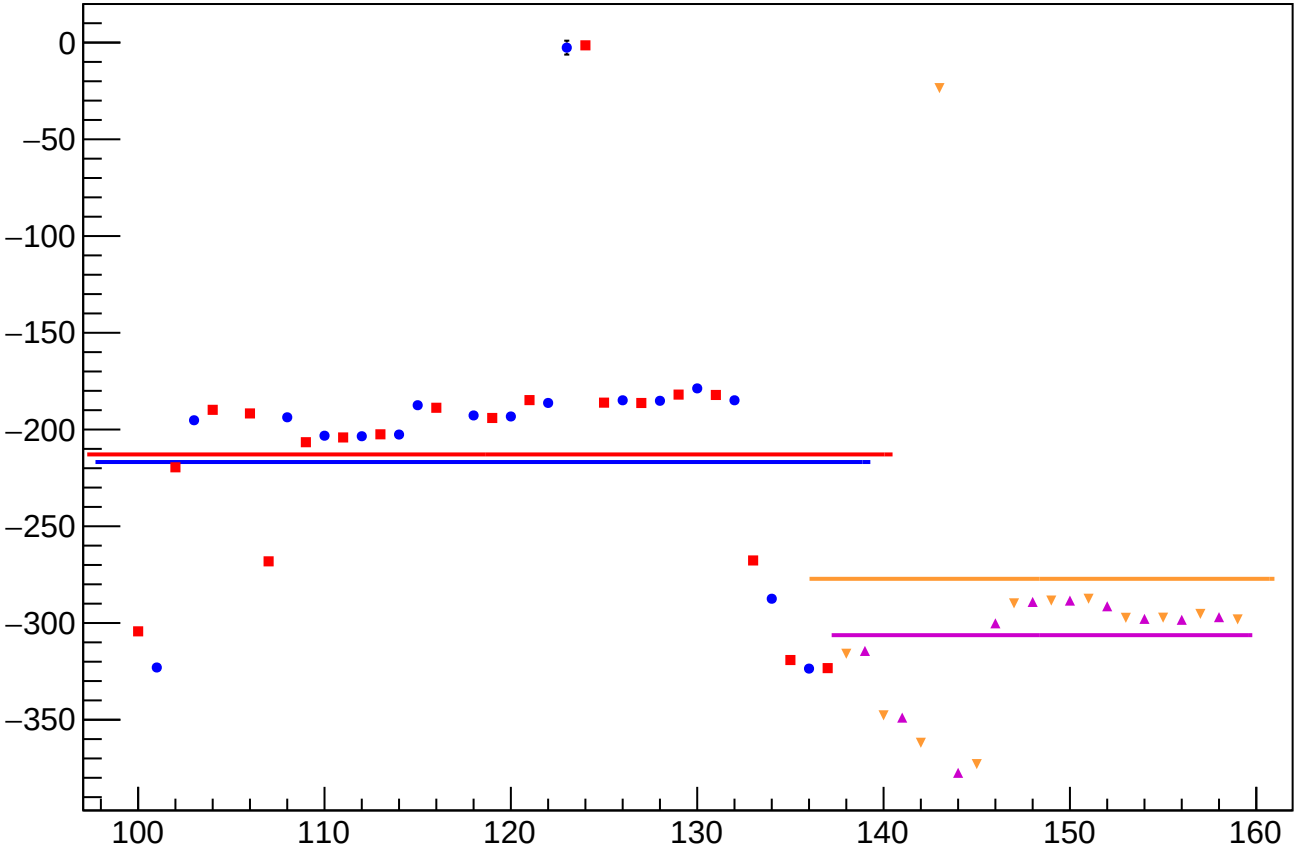
Left In: 132.997+/-2.731 χ^2/NDF:146.5/9

+ sign 119.278+/-1.657 χ^2/NDF: 1175.2/28

All: 119.017+/-1.193 χ^2/NDF: 1938.1/57

- sign 118.736+/-1.718 χ^2/NDF: 762.8/28

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -277.158+/-0.127 χ^2/NDF:543359.2/11

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

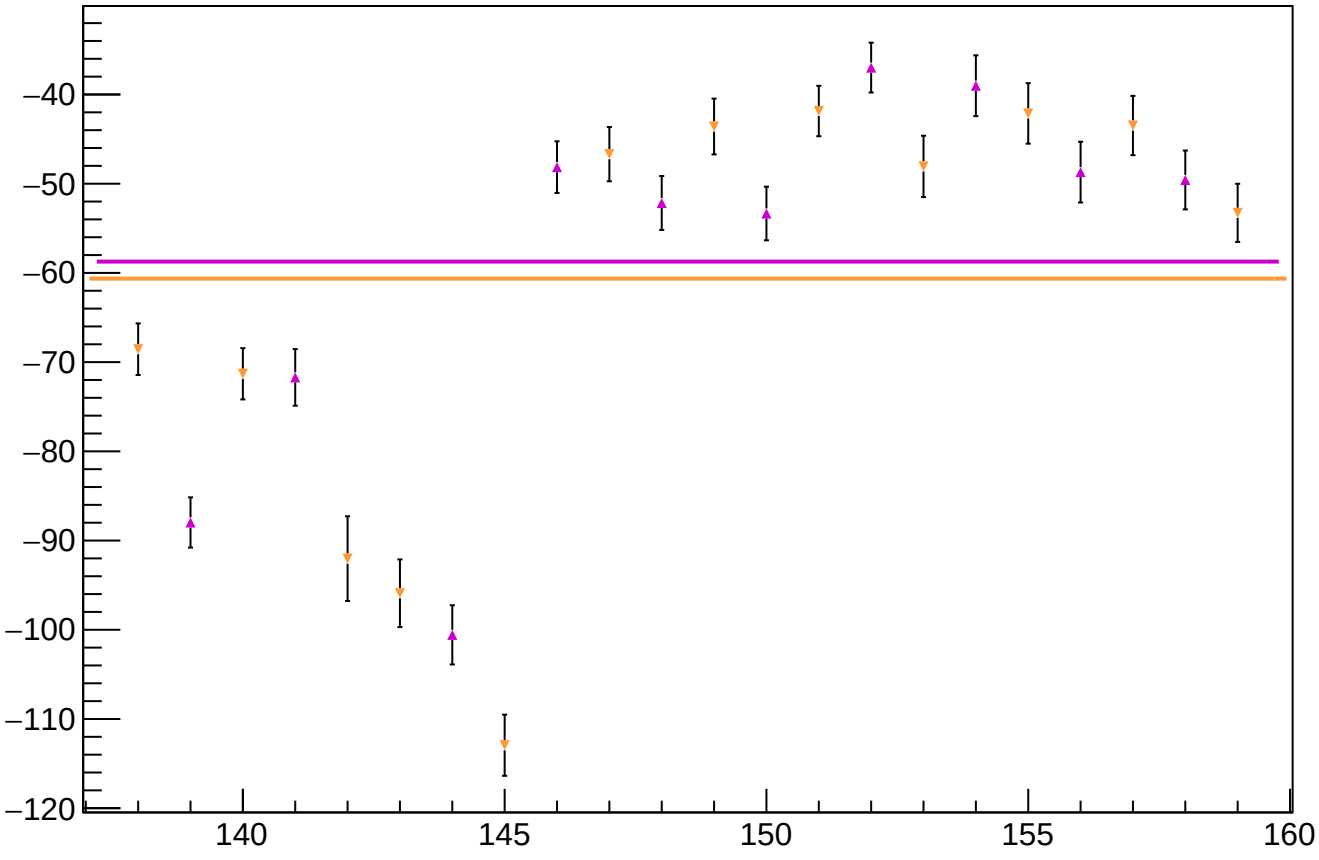
Left In: -306.286+/-0.132 χ^2/NDF:35797.1/9

+ sign -249.024+/-0.093 χ^2/NDF: 796051.9/28

All: -253.936+/-0.066 χ^2/NDF: 1207515.6/57

- sign -258.861+/-0.093 χ^2/NDF: 405828.9/28

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -60.640+/-0.940 χ^2/NDF:554.2/11

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

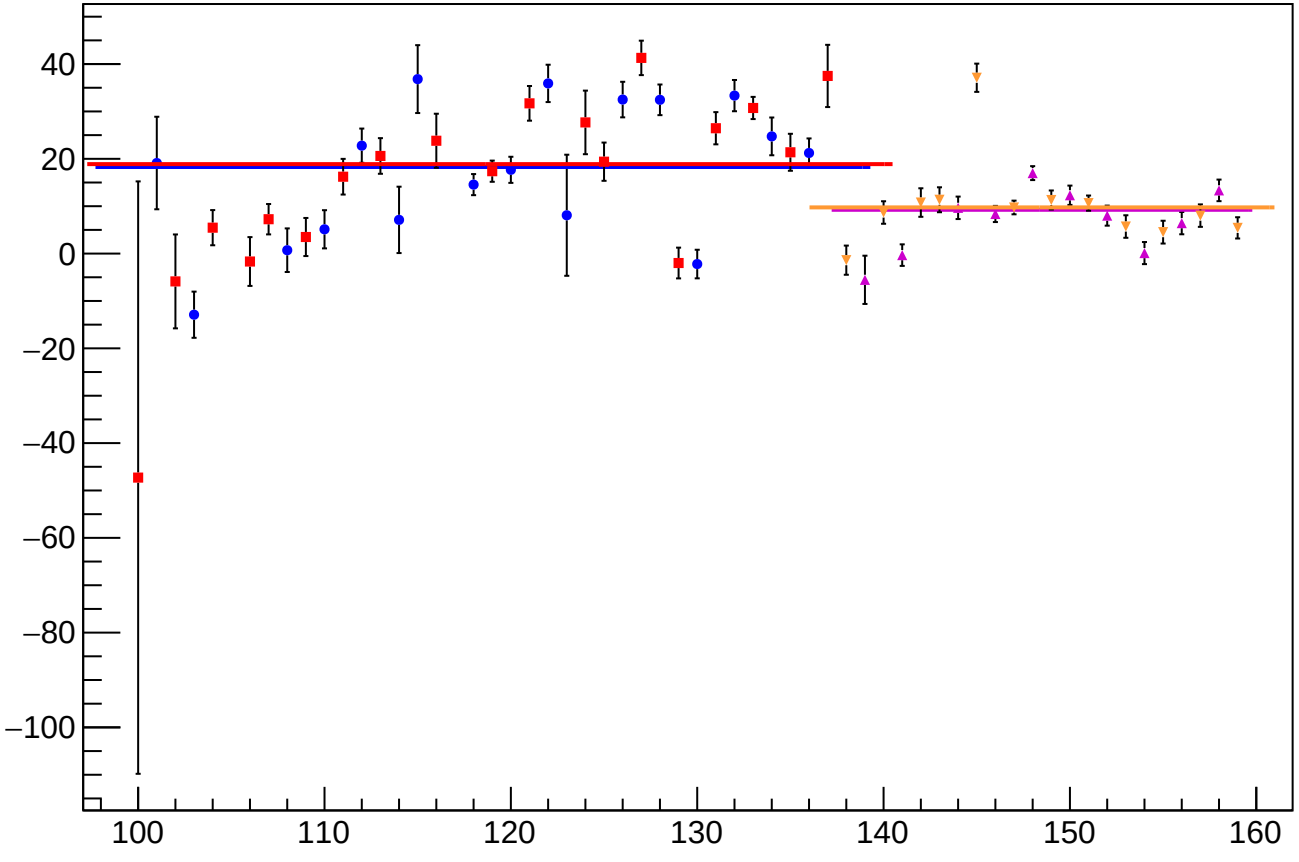
Left In: -58.730+/-0.977 χ^2/NDF:415.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -59.722+/-0.677 χ^2/NDF: 971.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.748+/-0.633 χ^2/NDF:110.8/11

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

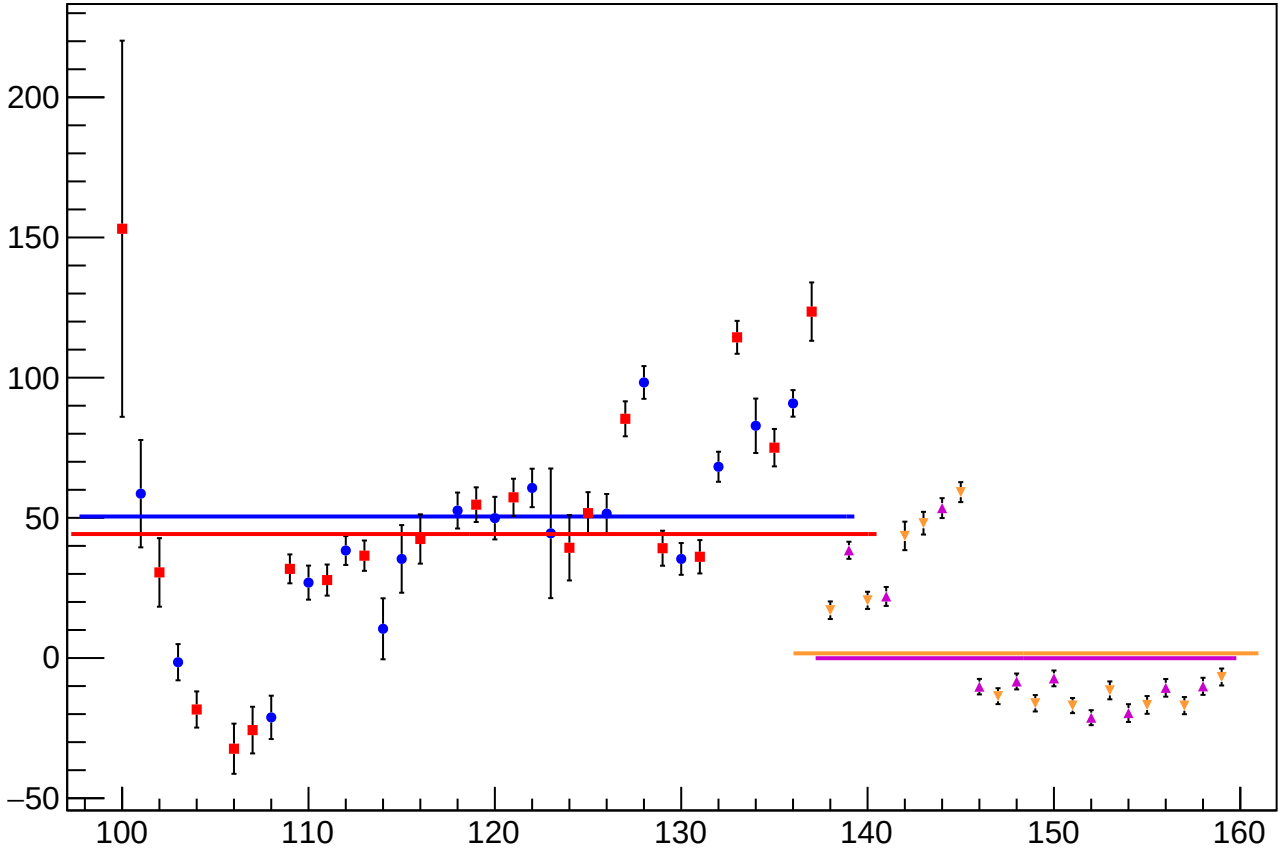
Left In: 9.244+/-0.668 χ^2/NDF:76.8/9

+ sign 12.551+/-0.519 χ^2/NDF: 374.9/28

All: 12.698+/-0.370 χ^2/NDF: 728.2/57

- sign 12.850+/-0.529 χ^2/NDF: 353.1/28

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 1.672+/-0.921 χ^2/NDF:731.8/11

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

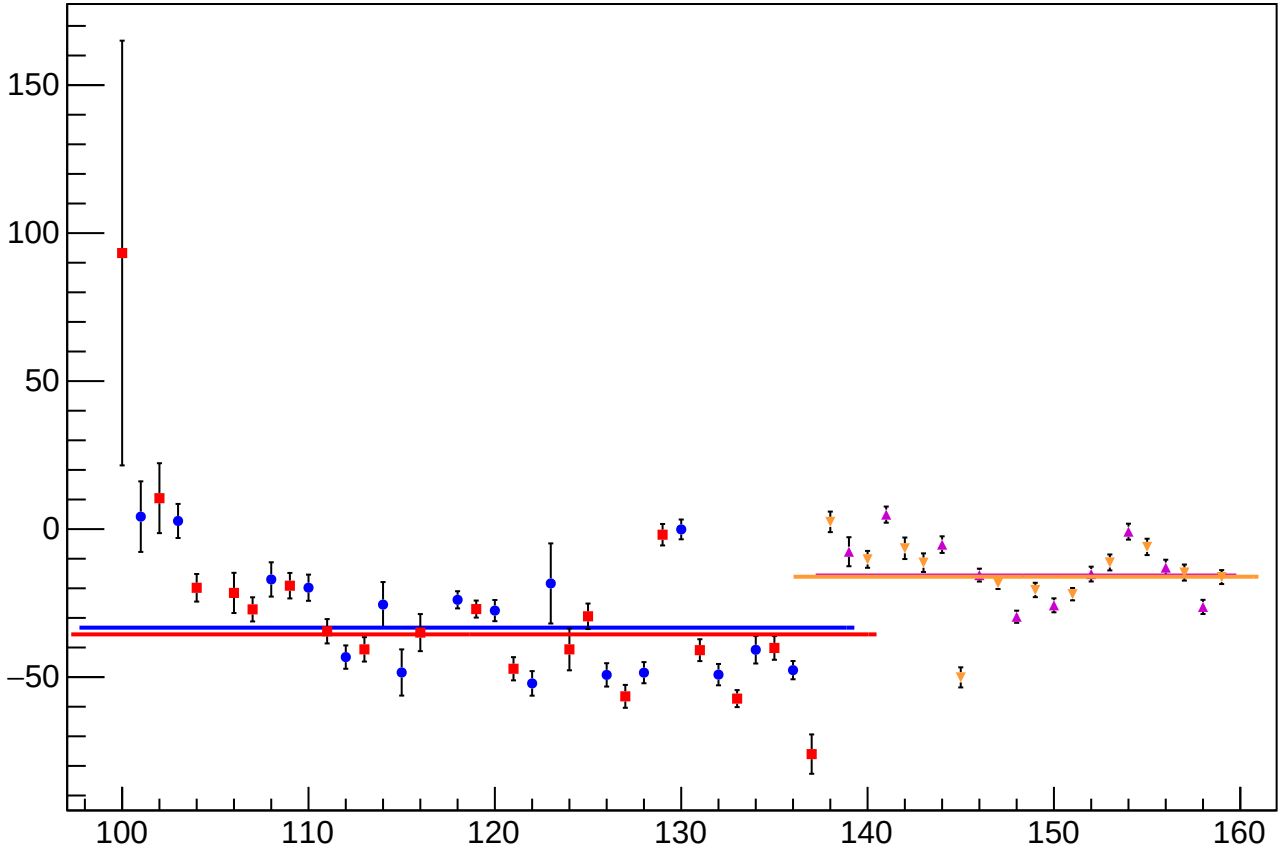
Left In: -0.061+/-0.952 χ^2/NDF:580.9/9

+ sign 13.076+/-0.806 χ^2/NDF: 1745.9/28

All: 12.295+/-0.574 χ^2/NDF: 3427.6/57

- sign 11.489+/-0.818 χ^2/NDF: 1679.8/28

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.081+/-0.766 χ^2/NDF:171.5/11

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

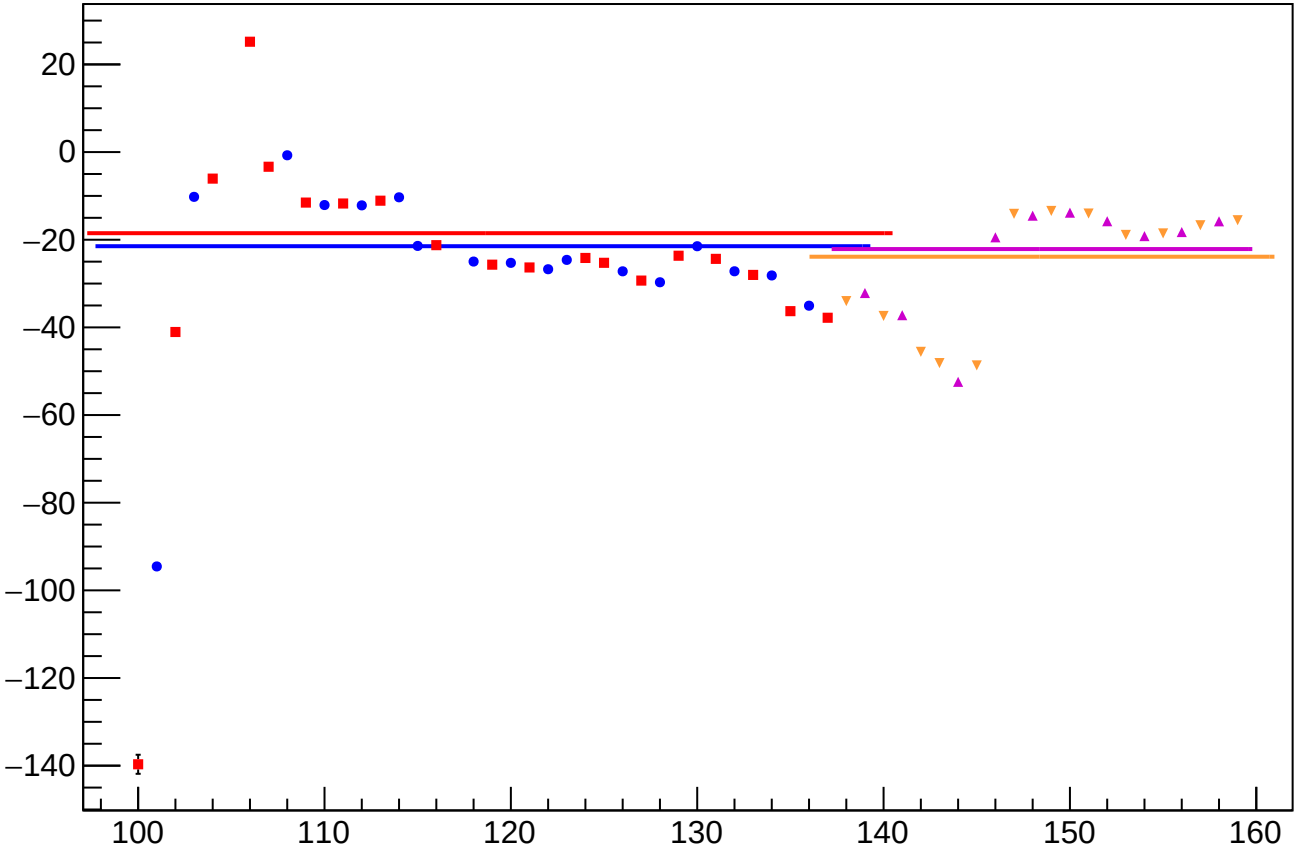
Left In: -15.684+/-0.805 χ^2/NDF:188.5/9

+ sign -22.184+/-0.615 χ^2/NDF: 639.8/28

All: -22.869+/-0.439 χ^2/NDF: 1360.4/57

- sign -23.578+/-0.625 χ^2/NDF: 718.1/28

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -23.875+/-0.036 χ^2/NDF:116399.1/11

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

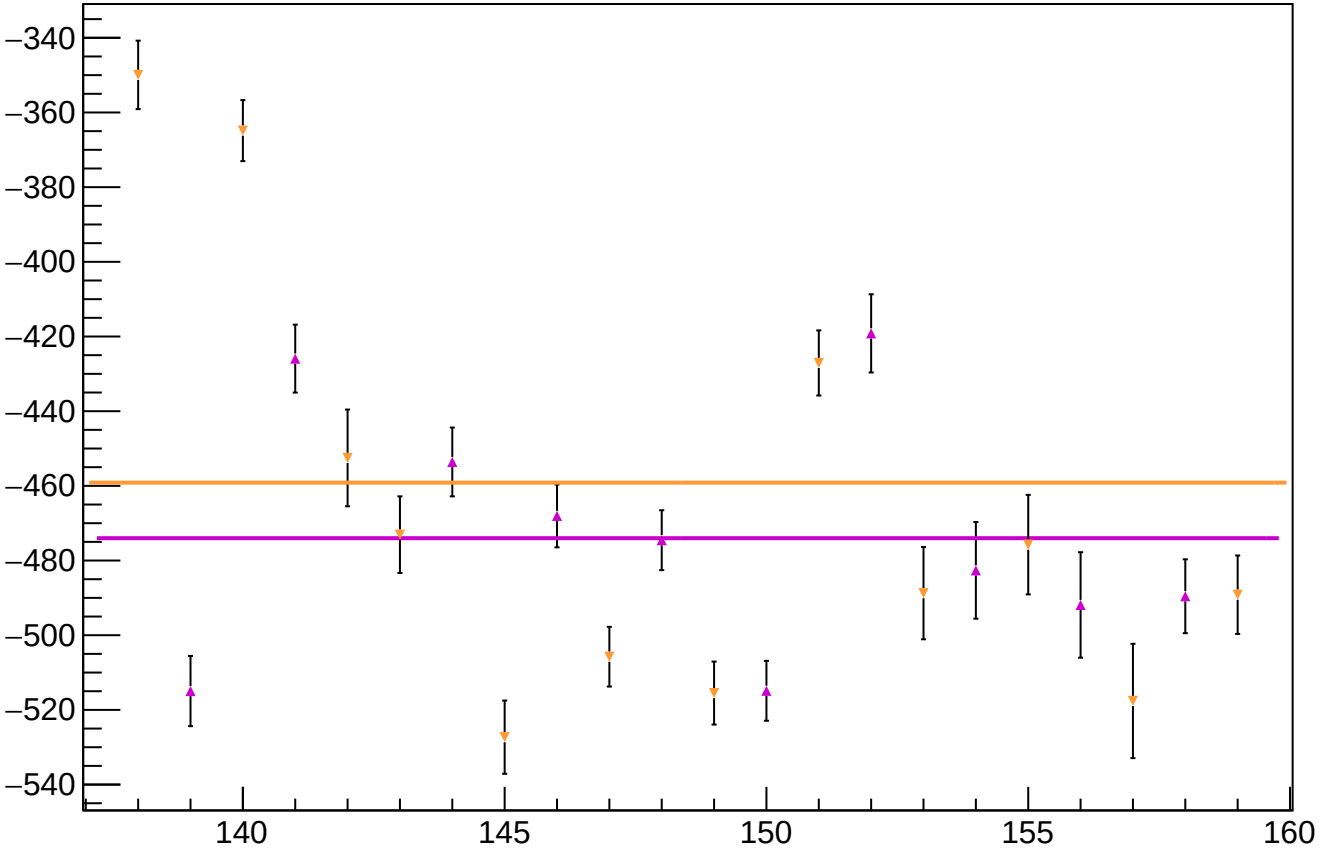
Left In: -22.127+/-0.037 χ^2/NDF:77252.0/9

+ sign -23.217+/-0.031 χ^2/NDF: 166622.1/28

All: -22.152+/-0.022 χ^2/NDF: 329852.3/57

- sign -21.056+/-0.031 χ^2/NDF: 160793.3/28

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -459.136+/-2.874 χ^2/NDF:447.6/11

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

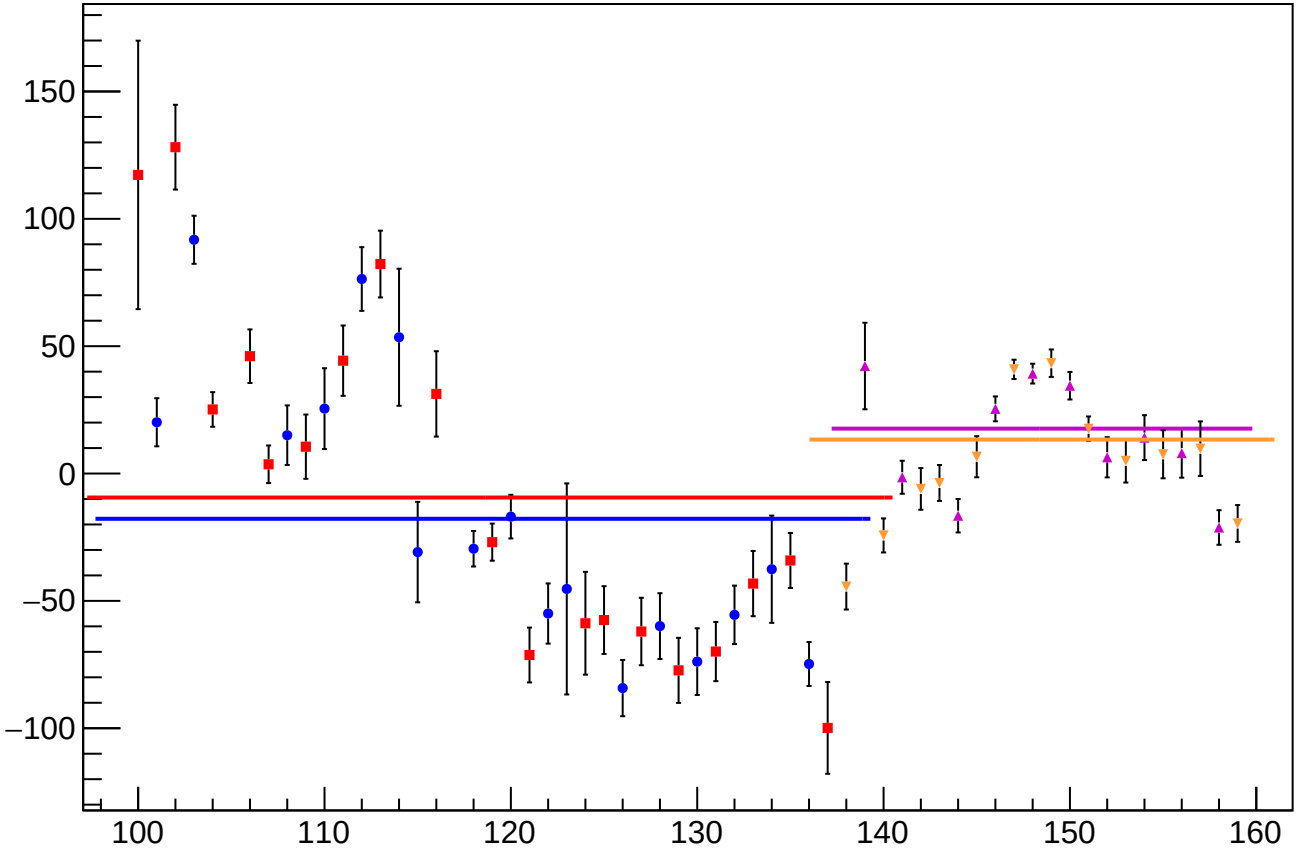
Left In: -474.012+/-3.006 χ^2/NDF:110.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -466.241+/-2.077 χ^2/NDF: 570.6/21

- 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: 13.337+/-1.872 χ^2/NDF:191.8/11

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

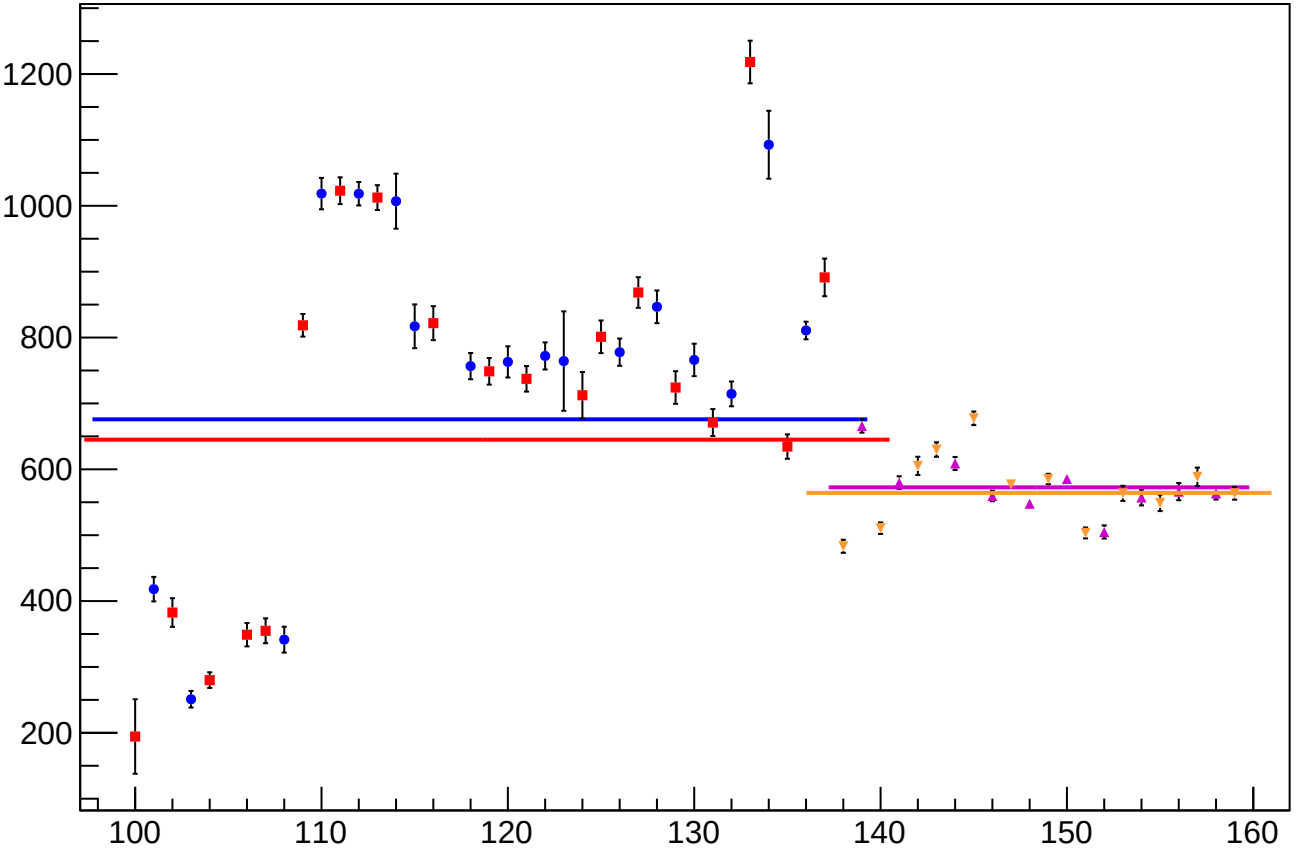
Left In: 17.639+/-1.983 χ^2/NDF:116.9/9

+ sign 3.641+/-1.553 χ^2/NDF: 641.7/28

All: 5.662+/-1.107 χ^2/NDF: 1199.6/57

- sign 7.752+/-1.580 χ^2/NDF: 554.5/28

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 564.167+/-2.835 χ^2/NDF:337.1/11

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

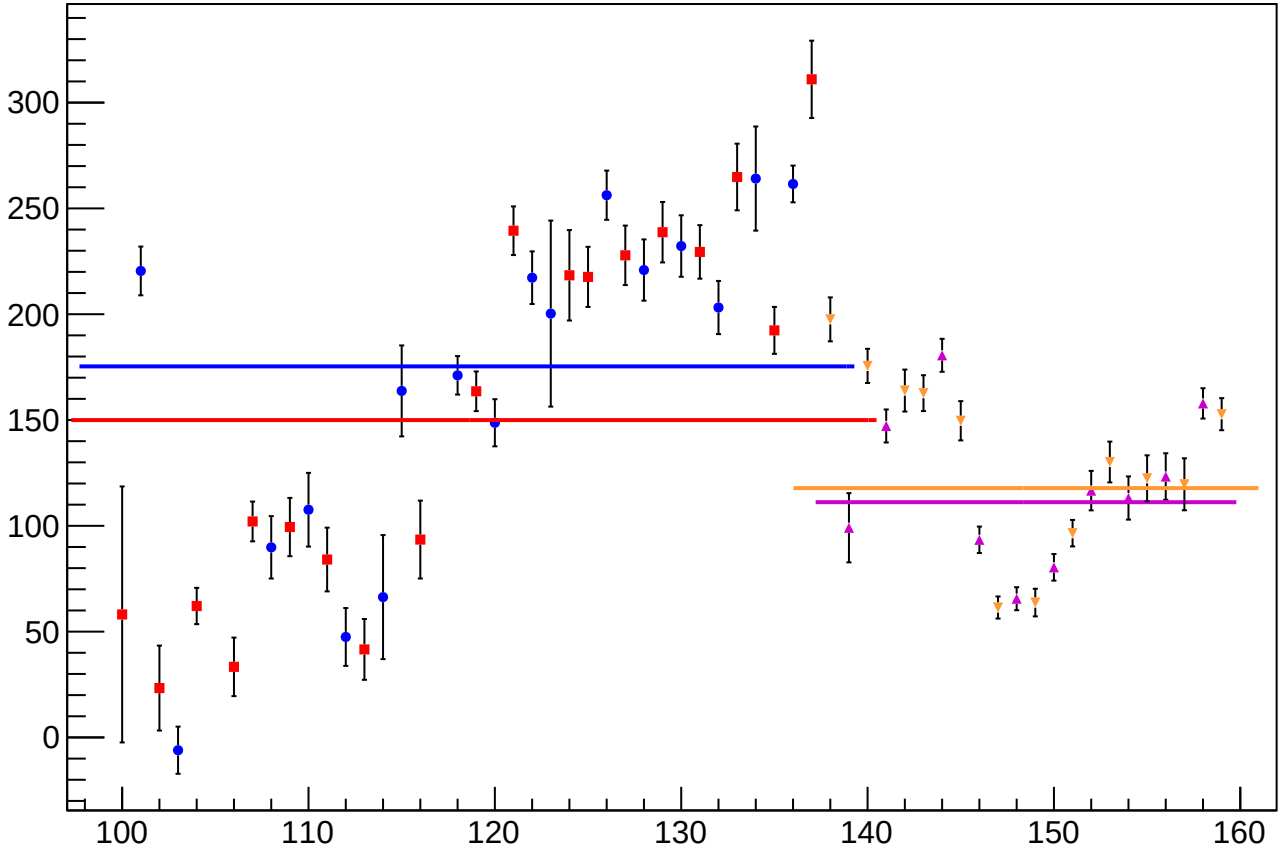
Left In: 572.625+/-2.933 χ^2/NDF:162.8/9

+ sign 591.044+/-2.471 χ^2/NDF: 3297.0/28

All: 591.784+/-1.756 χ^2/NDF: 6750.8/57

- sign 592.539+/-2.497 χ^2/NDF: 3453.6/28

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 117.824+/-2.299 χ^2/NDF:391.5/11

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

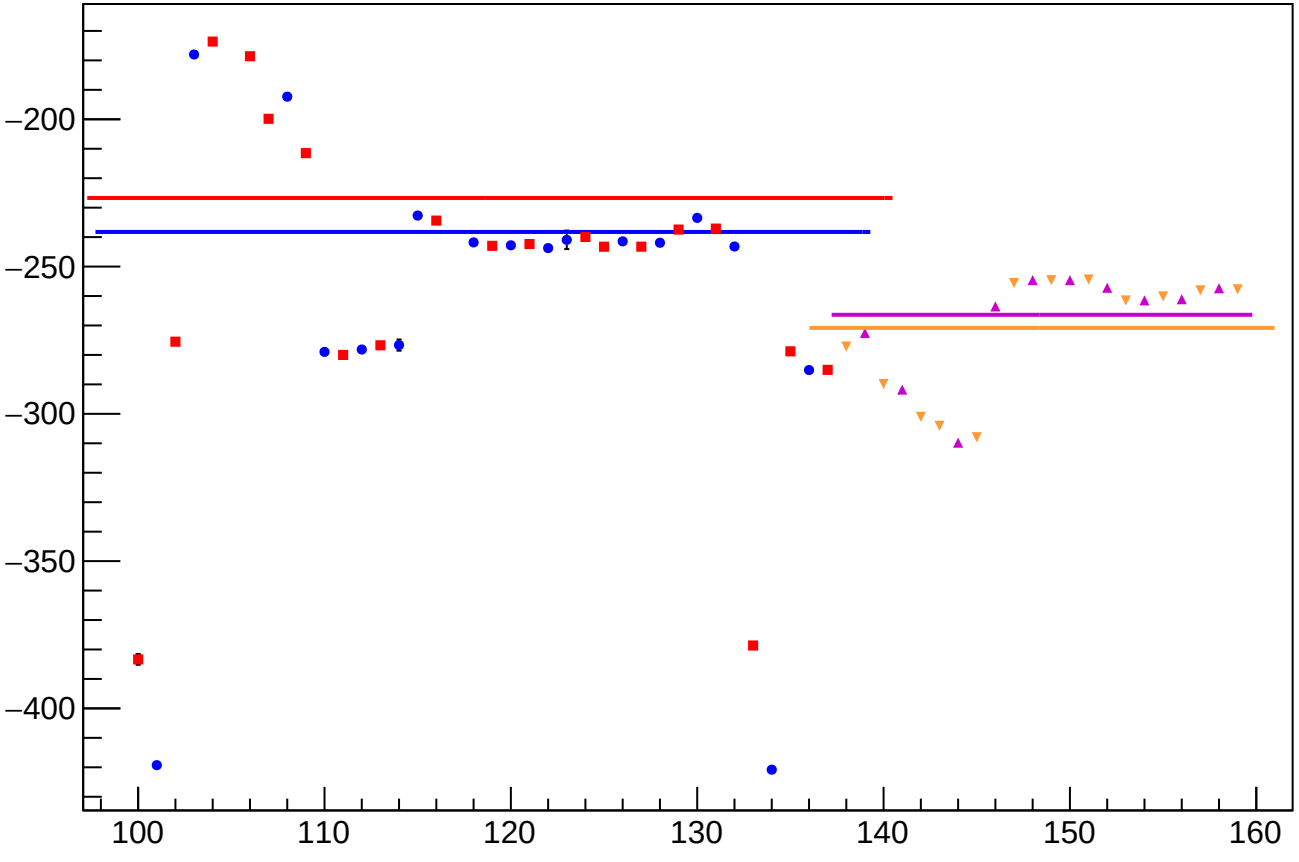
Left In: 111.165+/-2.423 χ^2/NDF:247.9/9

+ sign 137.382+/-1.868 χ^2/NDF: 1242.8/28

All: 131.878+/-1.331 χ^2/NDF: 2300.9/57

- sign 126.206+/-1.896 χ^2/NDF: 1040.5/28

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -270.818+/-0.115 χ^2/NDF:29131.2/11

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

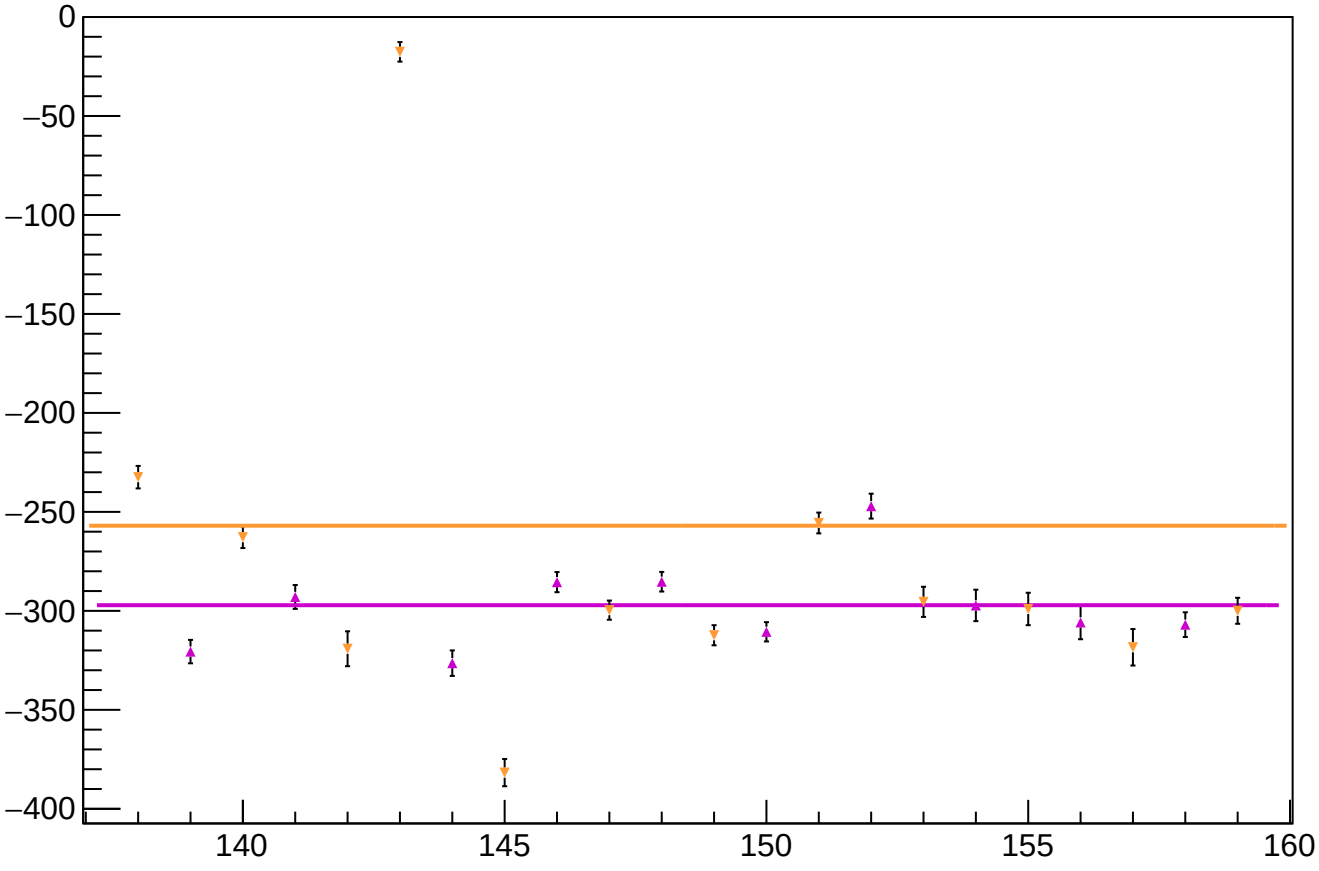
Left In: -266.372+/-0.117 χ^2/NDF:18984.2/9

+ sign -259.742+/-0.093 χ^2/NDF: 223630.3/28

All: -255.579+/-0.066 χ^2/NDF: 392436.5/57

- sign -251.475+/-0.093 χ^2/NDF: 164848.9/28

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -256.980+/-1.758 χ^2/NDF:3074.8/11

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

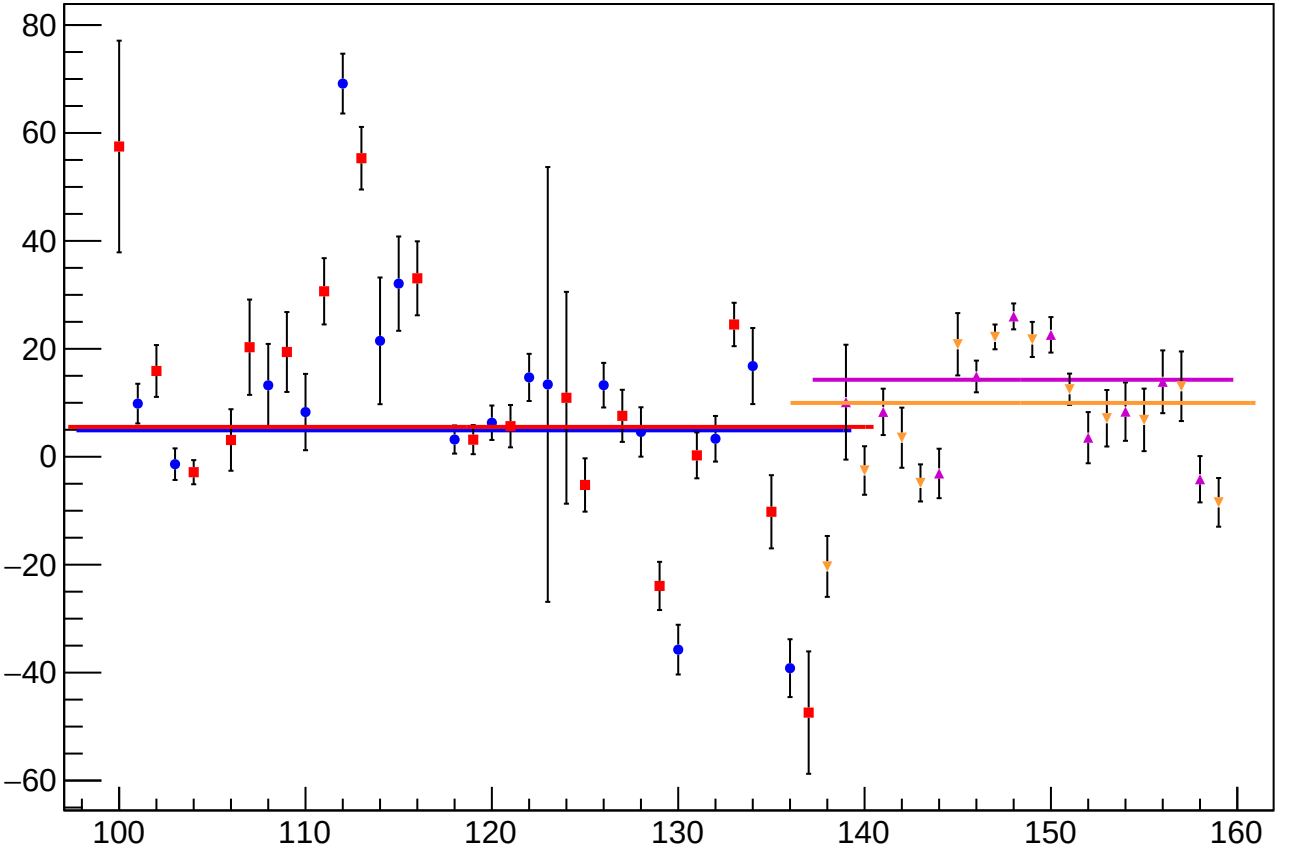
Left In: -297.144+/-1.882 χ^2/NDF:122.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -275.692+/-1.285 χ^2/NDF: 3440.3/21

- 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: 9.978+/-1.139 χ^2/NDF:119.8/11

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

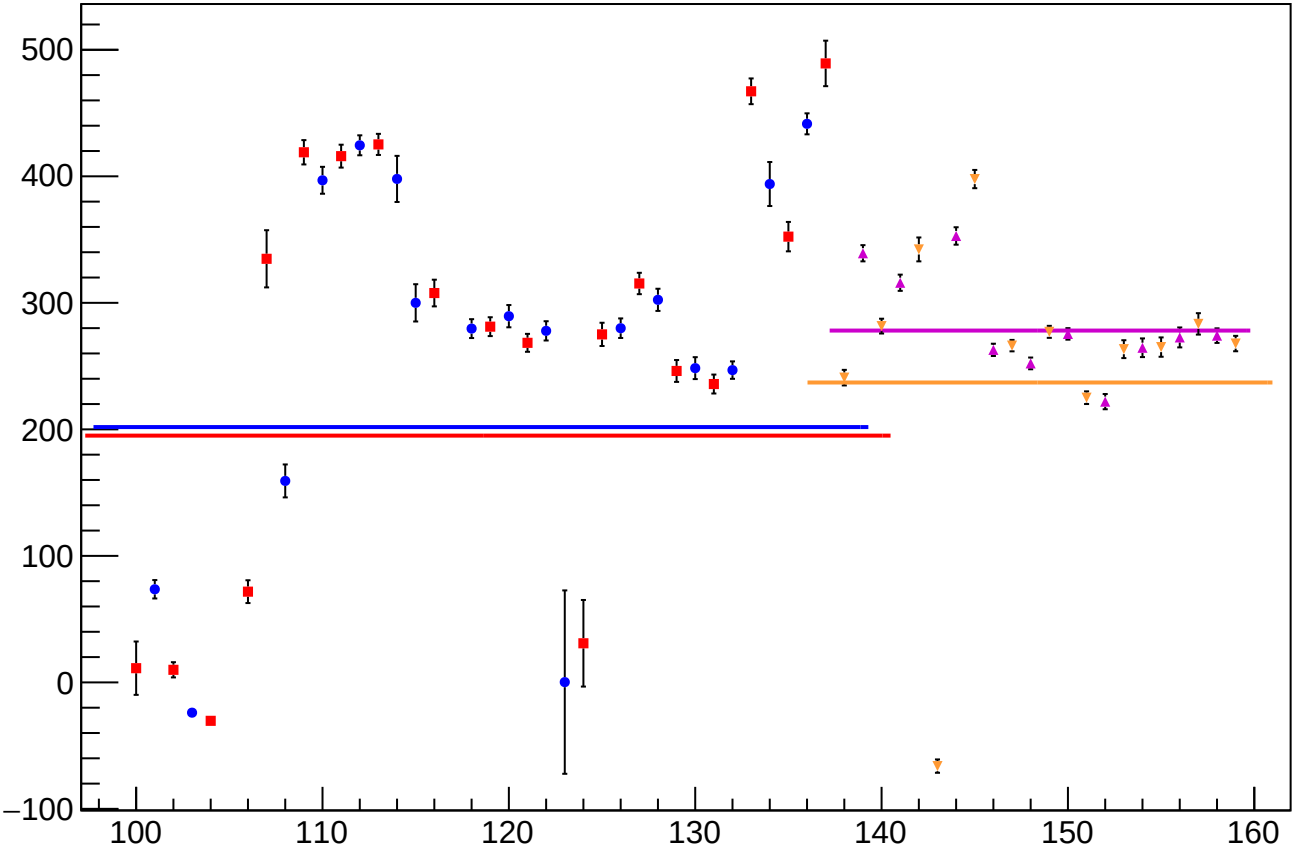
Left In: 14.270+/-1.235 χ^2/NDF:71.6/9

+ sign 7.323+/-0.787 χ^2/NDF: 442.1/28

All: 8.276+/-0.564 χ^2/NDF: 784.4/57

- sign 9.284+/-0.809 χ^2/NDF: 339.3/28

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 237.039+/-1.733 χ^2/NDF:4176.5/11

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

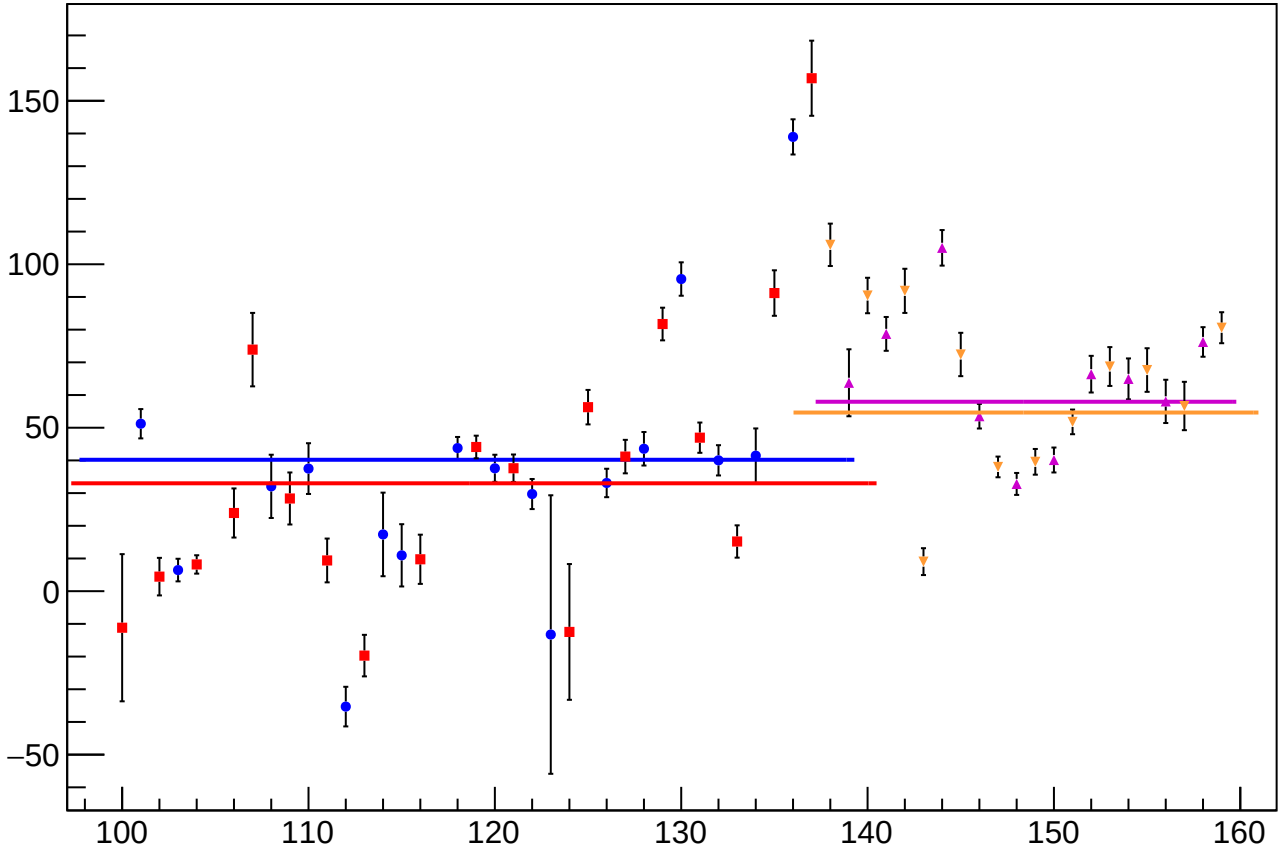
Left In: 278.087+/-1.829 χ^2/NDF:376.3/9

+ sign 221.674+/-1.301 χ^2/NDF: 11111.0/28

All: 230.012+/-0.929 χ^2/NDF: 20806.0/57

- sign 238.669+/-1.326 χ^2/NDF: 9611.3/28

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 54.647+/-1.400 χ^2/NDF:349.3/11

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

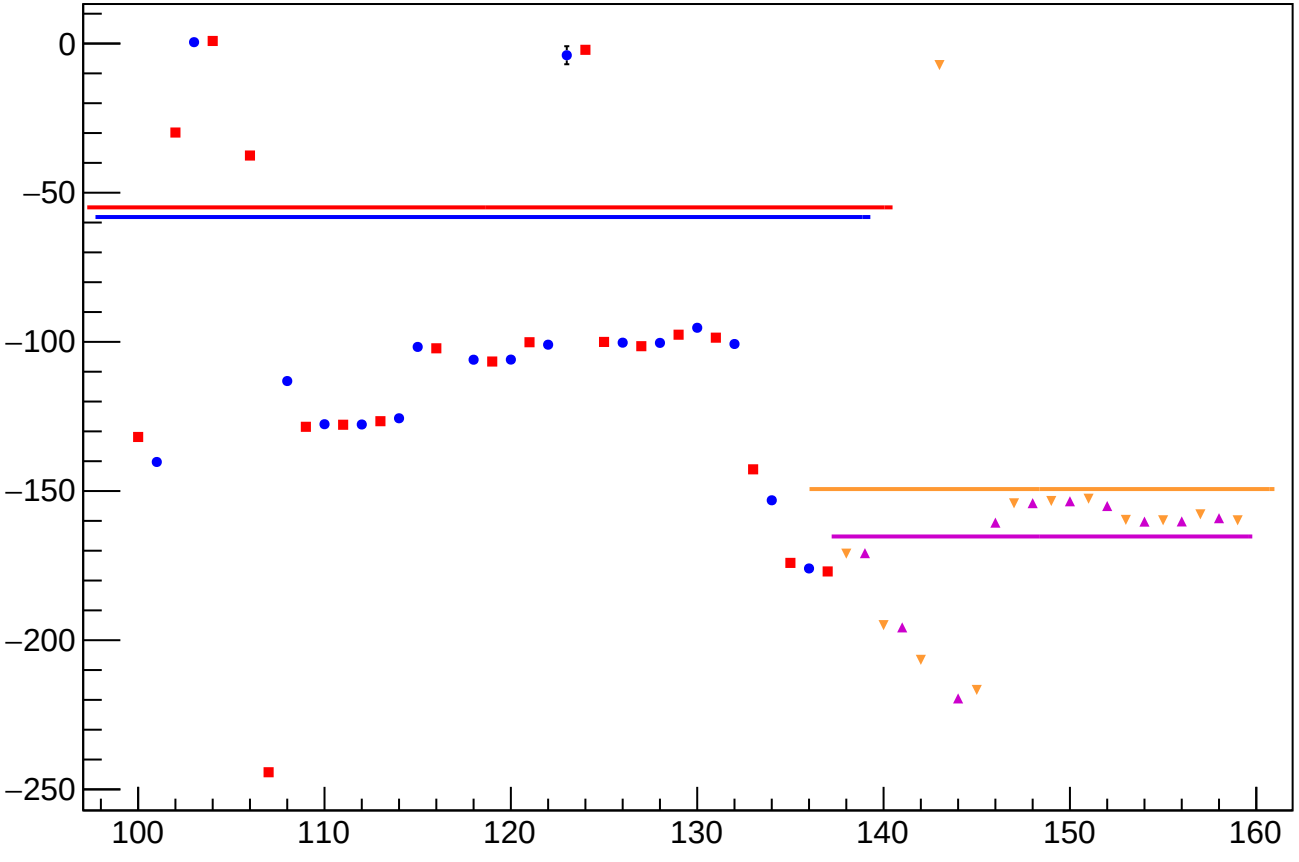
Left In: 57.944+/-1.512 χ^2/NDF:190.4/9

+ sign 46.705+/-0.940 χ^2/NDF: 1142.8/28

All: 44.976+/-0.673 χ^2/NDF: 2055.7/57

- sign 43.154+/-0.964 χ^2/NDF: 906.0/28

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -149.337+/-0.070 χ^2/NDF:578573.0/11

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

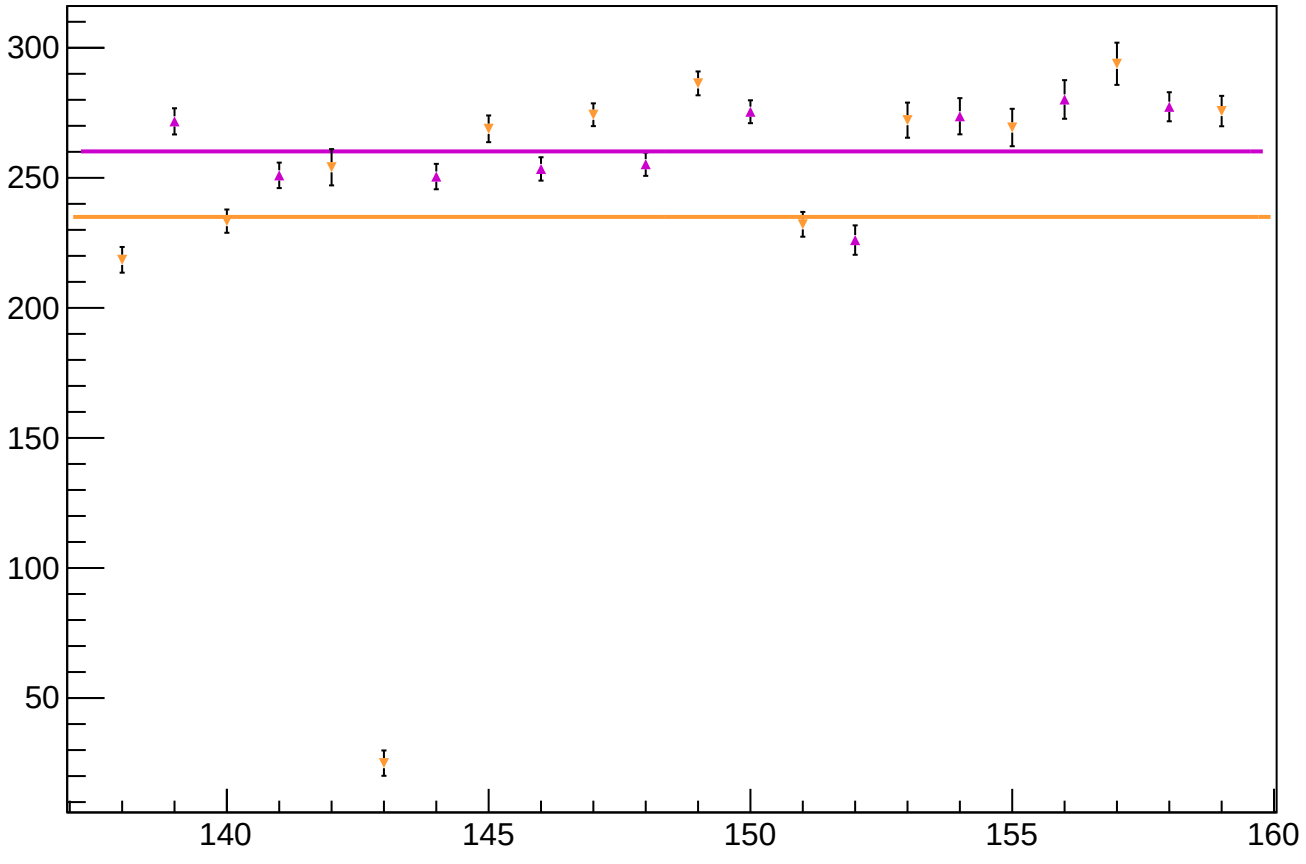
Left In: -165.231+/-0.073 χ^2/NDF:57446.9/9

+ sign -97.861+/-0.046 χ^2/NDF: 2639035.4/28

All: -98.709+/-0.033 χ^2/NDF: 5059270.2/57

- sign -99.564+/-0.046 χ^2/NDF: 2419560.3/28

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 234.983+/-1.541 χ^2/NDF:2282.3/11

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

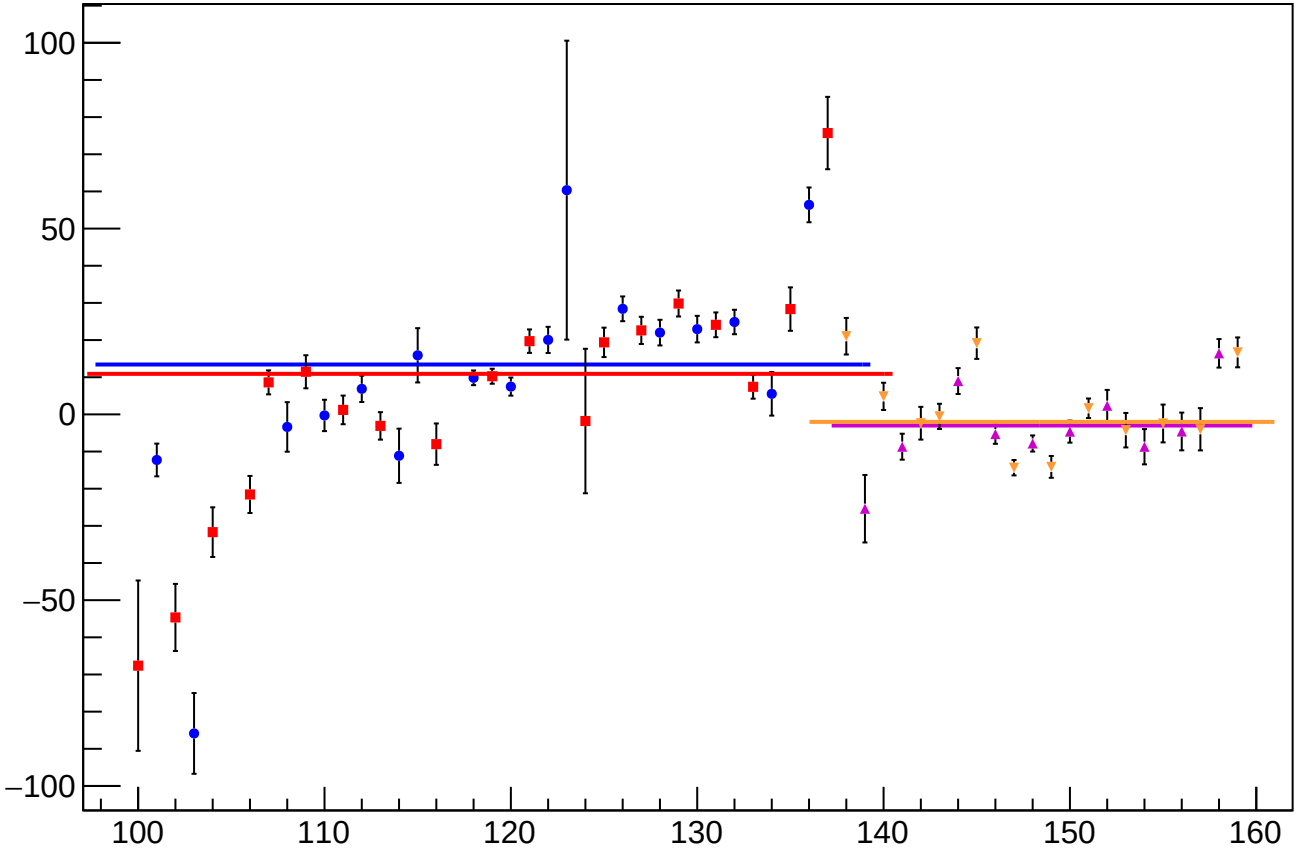
Left In: 260.164+/-1.630 χ^2/NDF:85.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 246.869+/-1.120 χ^2/NDF: 2493.3/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: -2.020+/-1.010 χ^2/NDF:126.9/11

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

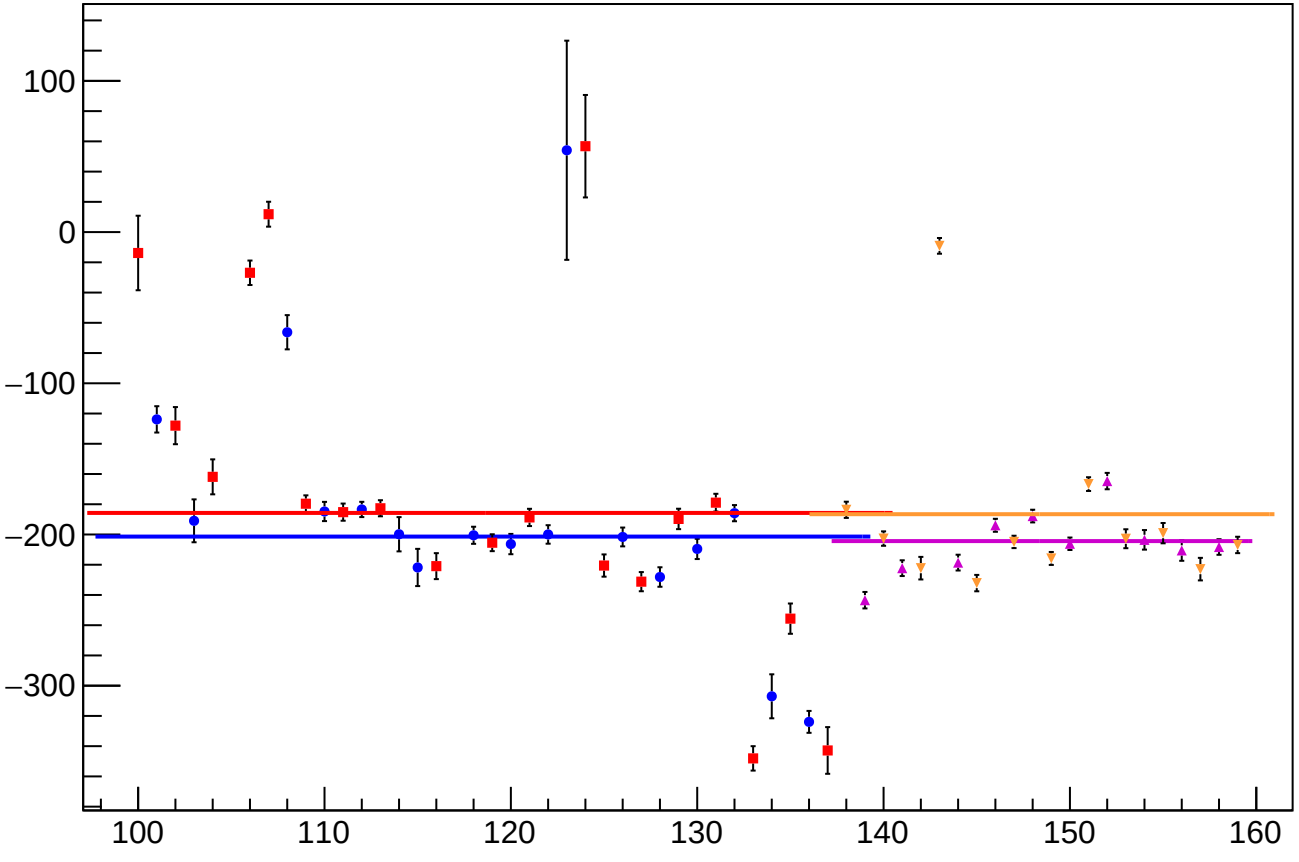
Left In: -2.999+/-1.082 χ^2/NDF:55.3/9

+ sign 6.424+/-0.680 χ^2/NDF: 549.9/28

All: 5.781+/-0.487 χ^2/NDF: 1005.9/57

- sign 5.102+/-0.699 χ^2/NDF: 454.1/28

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -186.578+/-1.525 χ^2/NDF:1404.4/11

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

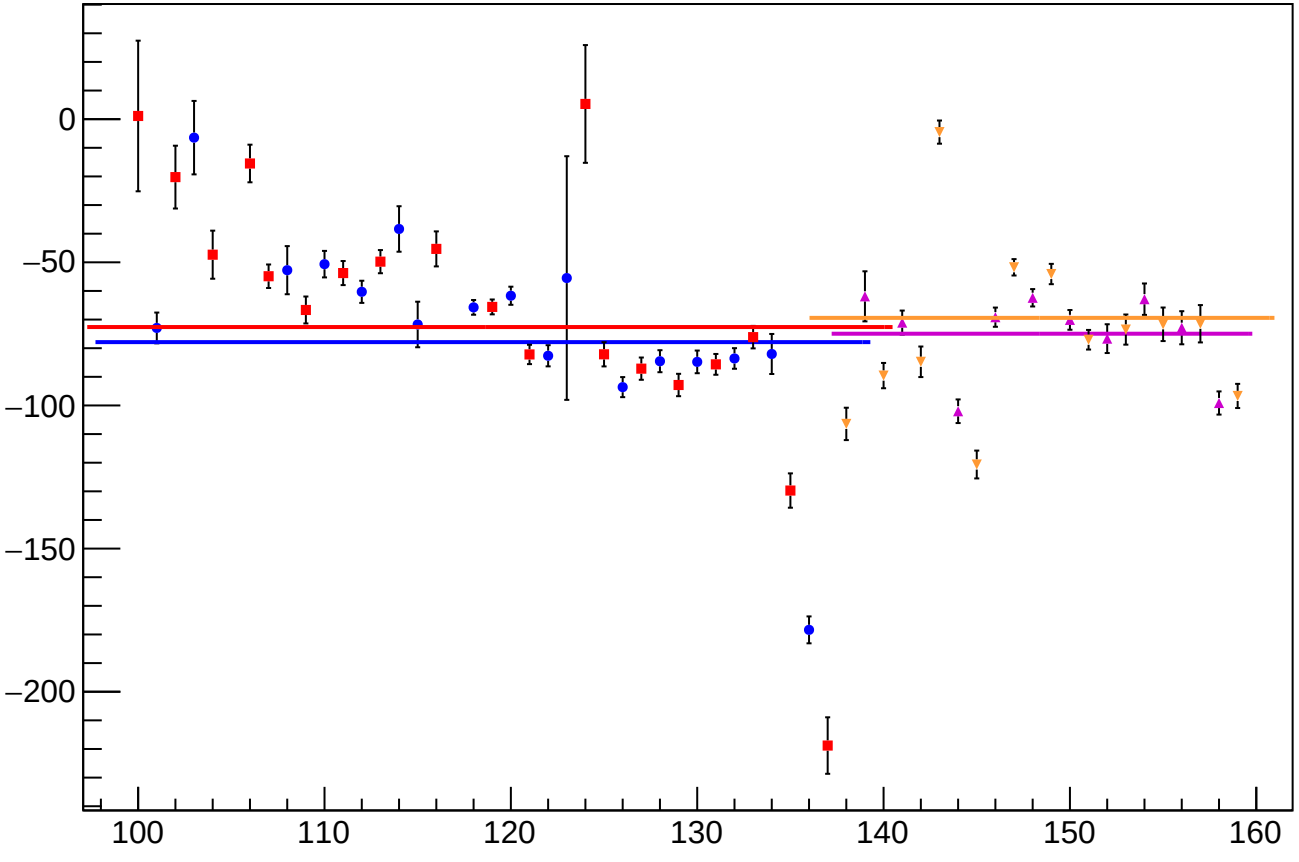
Left In: -204.366+/-1.593 χ^2/NDF:147.5/9

+ sign -192.846+/-1.158 χ^2/NDF: 2067.8/28

All: -194.246+/-0.820 χ^2/NDF: 4031.4/57

- sign -195.656+/-1.163 χ^2/NDF: 1960.7/28

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -69.405+/-1.238 χ^2/NDF:544.5/11

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

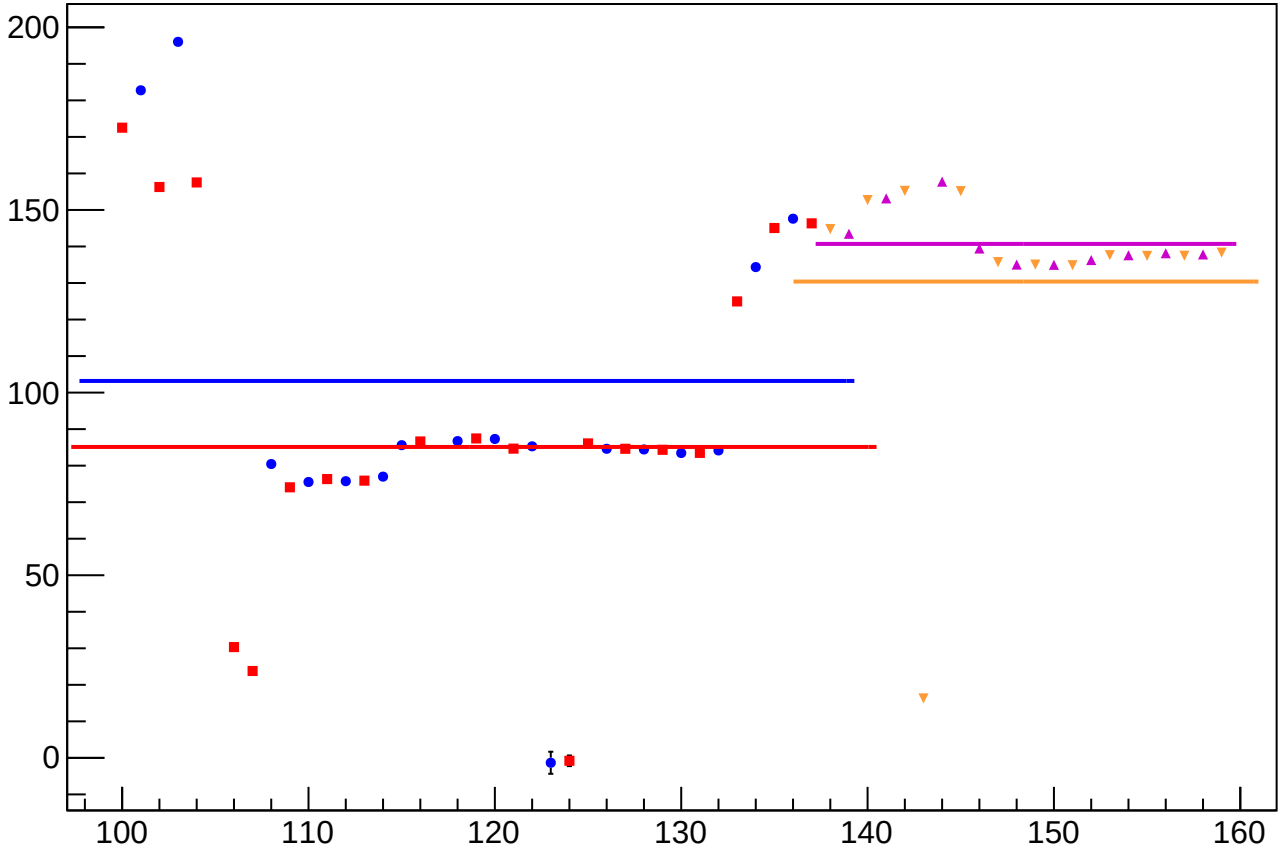
Left In: -74.942+/-1.320 χ^2/NDF:109.0/9

+ sign -74.272+/-0.808 χ^2/NDF: 1229.6/28

All: -73.903+/-0.577 χ^2/NDF: 1947.7/57

- sign -73.518+/-0.824 χ^2/NDF: 717.7/28

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 130.396+/-0.062 χ^2/NDF:343889.9/11

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

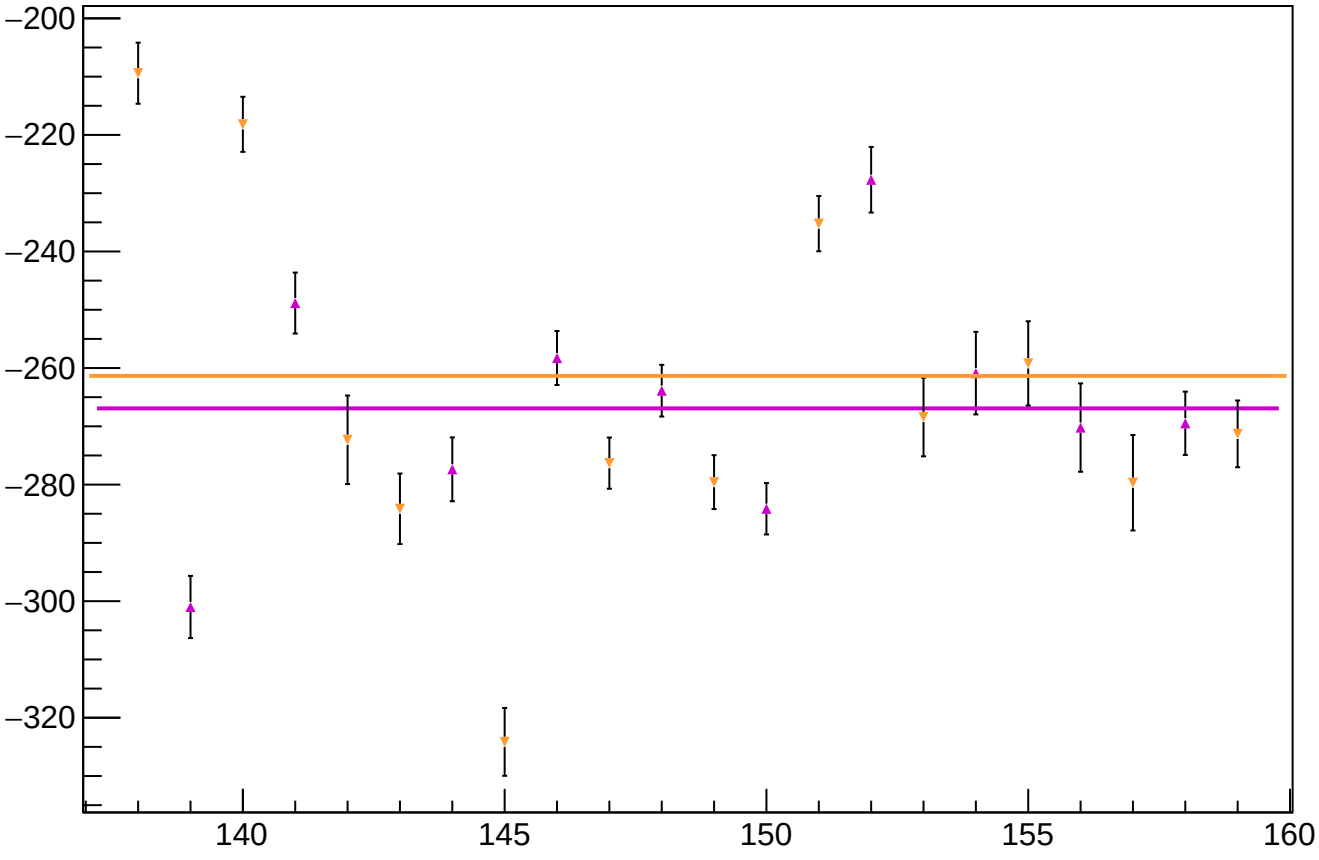
Left In: 140.706+/-0.064 χ^2/NDF:12364.4/9

+ sign 118.586+/-0.046 χ^2/NDF: 702164.7/28

All: 115.691+/-0.032 χ^2/NDF: 1526669.3/57

- sign 112.959+/-0.045 χ^2/NDF: 816920.2/28

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -261.345+/-1.611 χ^2/NDF:381.0/11

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

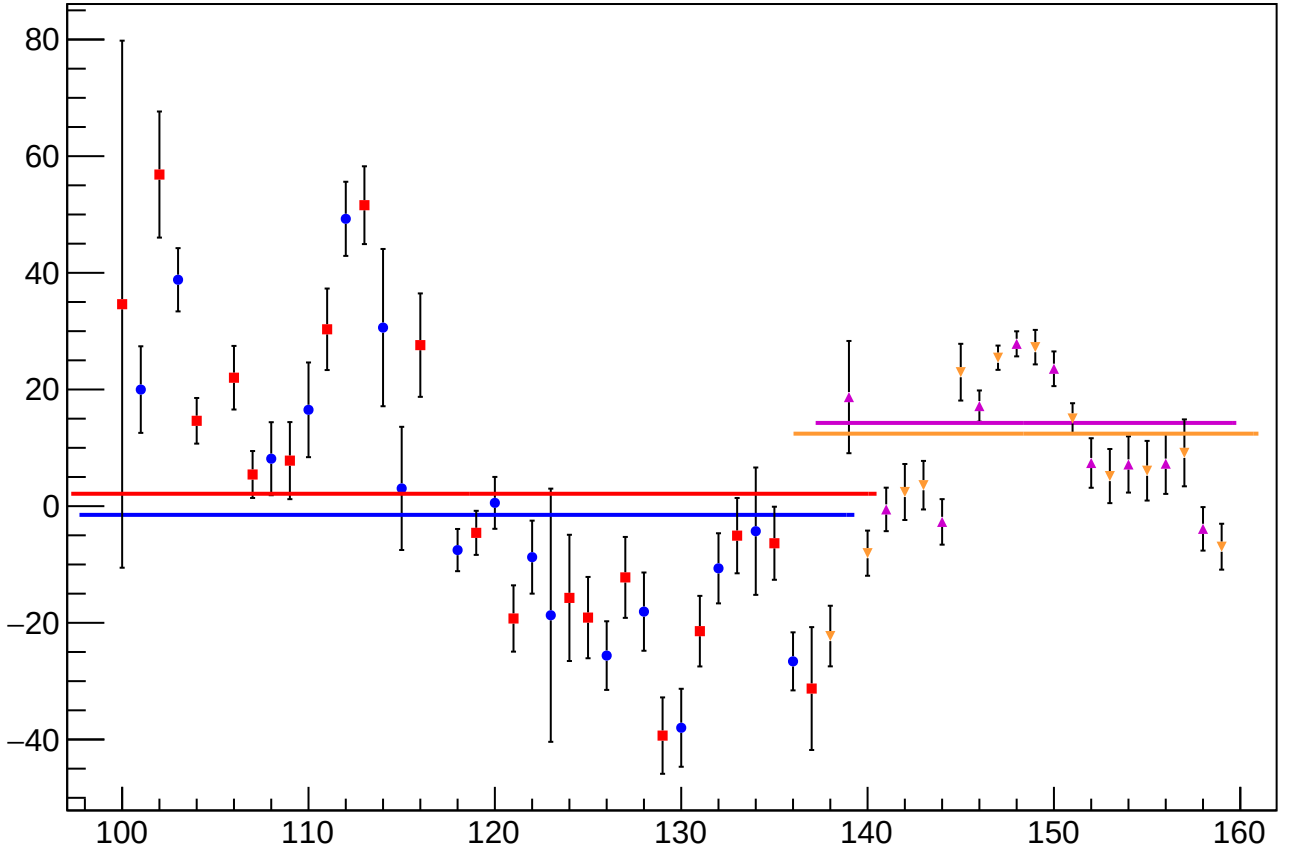
Left In: -266.921+/-1.674 χ^2/NDF:125.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -264.026+/-1.161 χ^2/NDF: 512.1/21

- 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: 12.429+/-1.043 χ^2/NDF:180.0/11

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

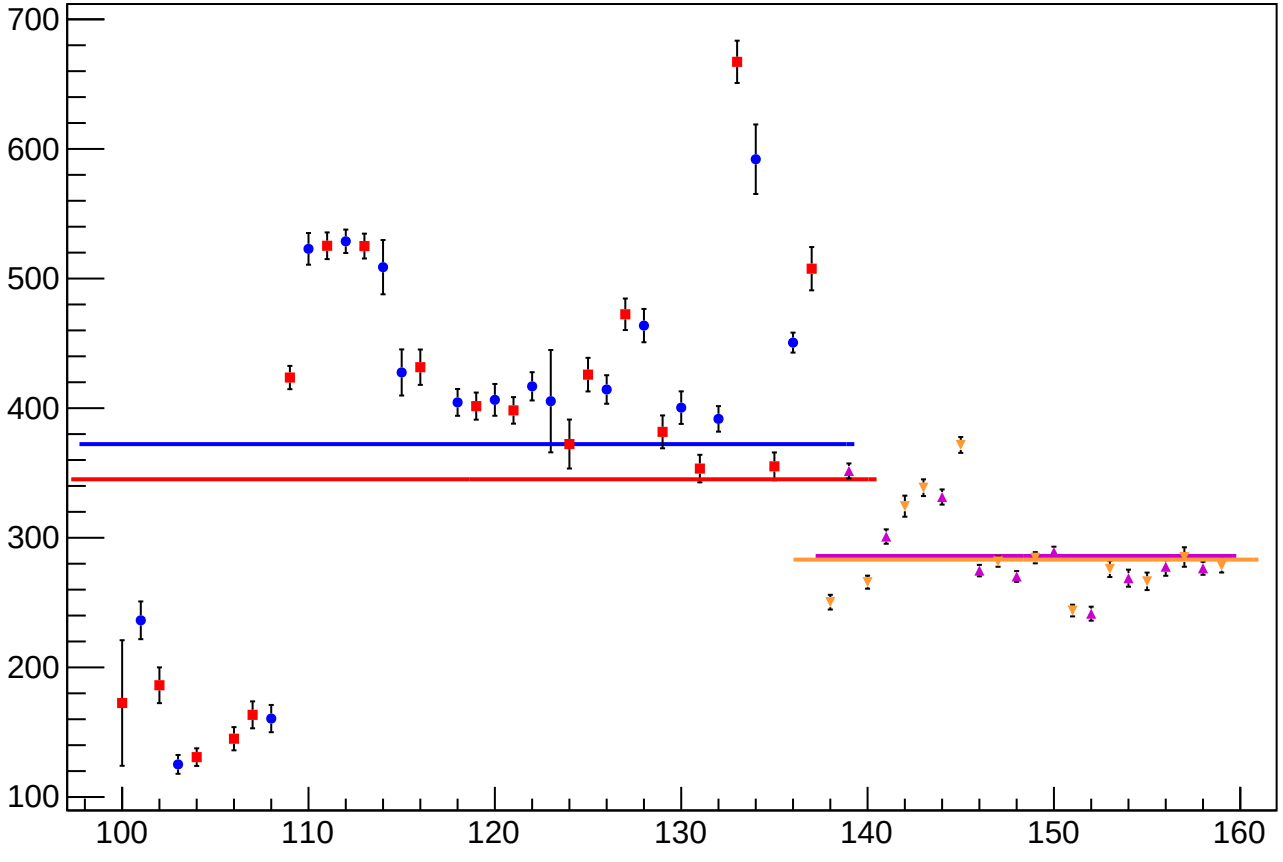
Left In: 14.270+/-1.101 χ^2/NDF:115.9/9

+ sign 7.943+/-0.859 χ^2/NDF: 463.5/28

All: 8.784+/-0.610 χ^2/NDF: 860.4/57

- sign 9.639+/-0.866 χ^2/NDF: 394.9/28

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 283.178+/-1.583 χ^2/NDF:438.8/11

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

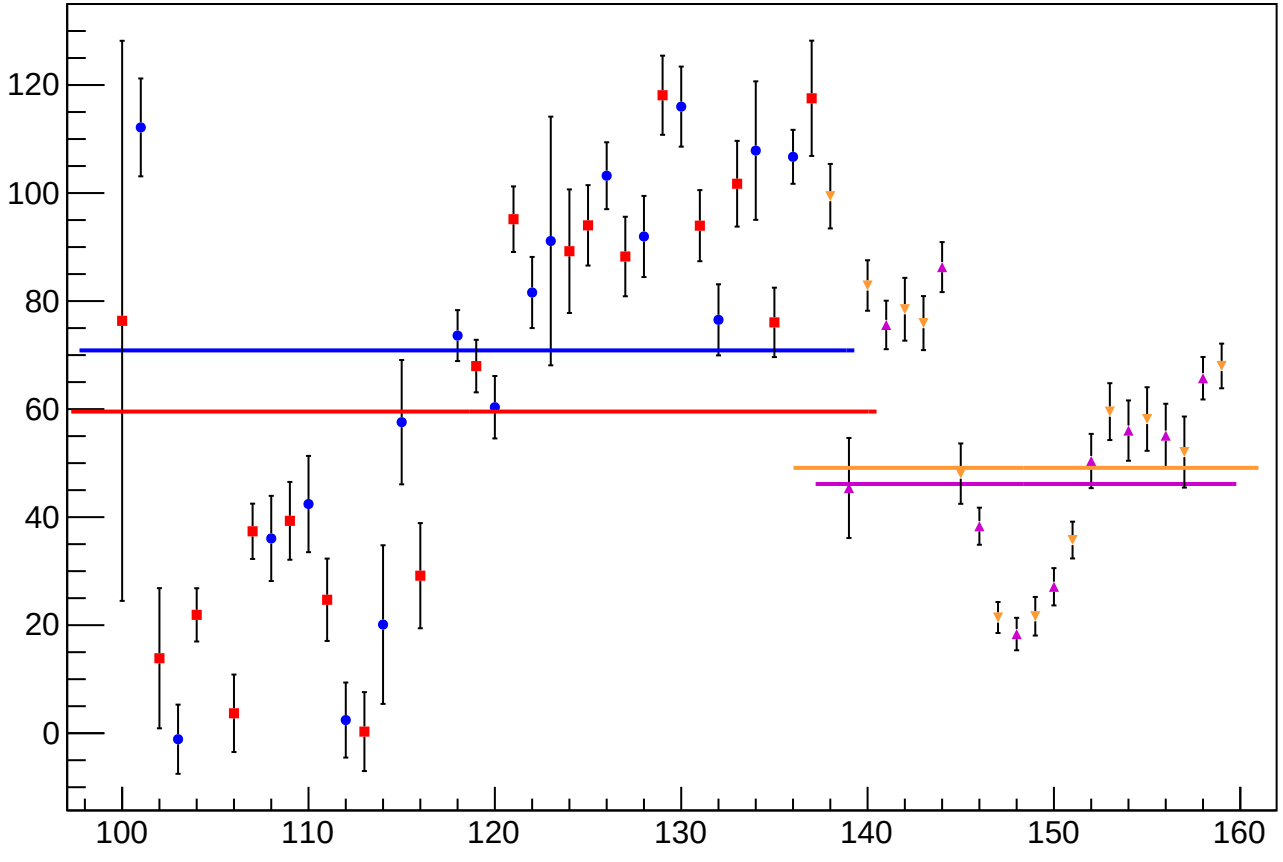
Left In: 285.942+/-1.629 χ^2/NDF:298.1/9

+ sign 305.236+/-1.373 χ^2/NDF: 3656.0/28

All: 304.110+/-0.971 χ^2/NDF: 7752.0/57

- sign 302.981+/-1.375 χ^2/NDF: 4094.7/28

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 49.127+/-1.283 χ^2/NDF:372.3/11

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

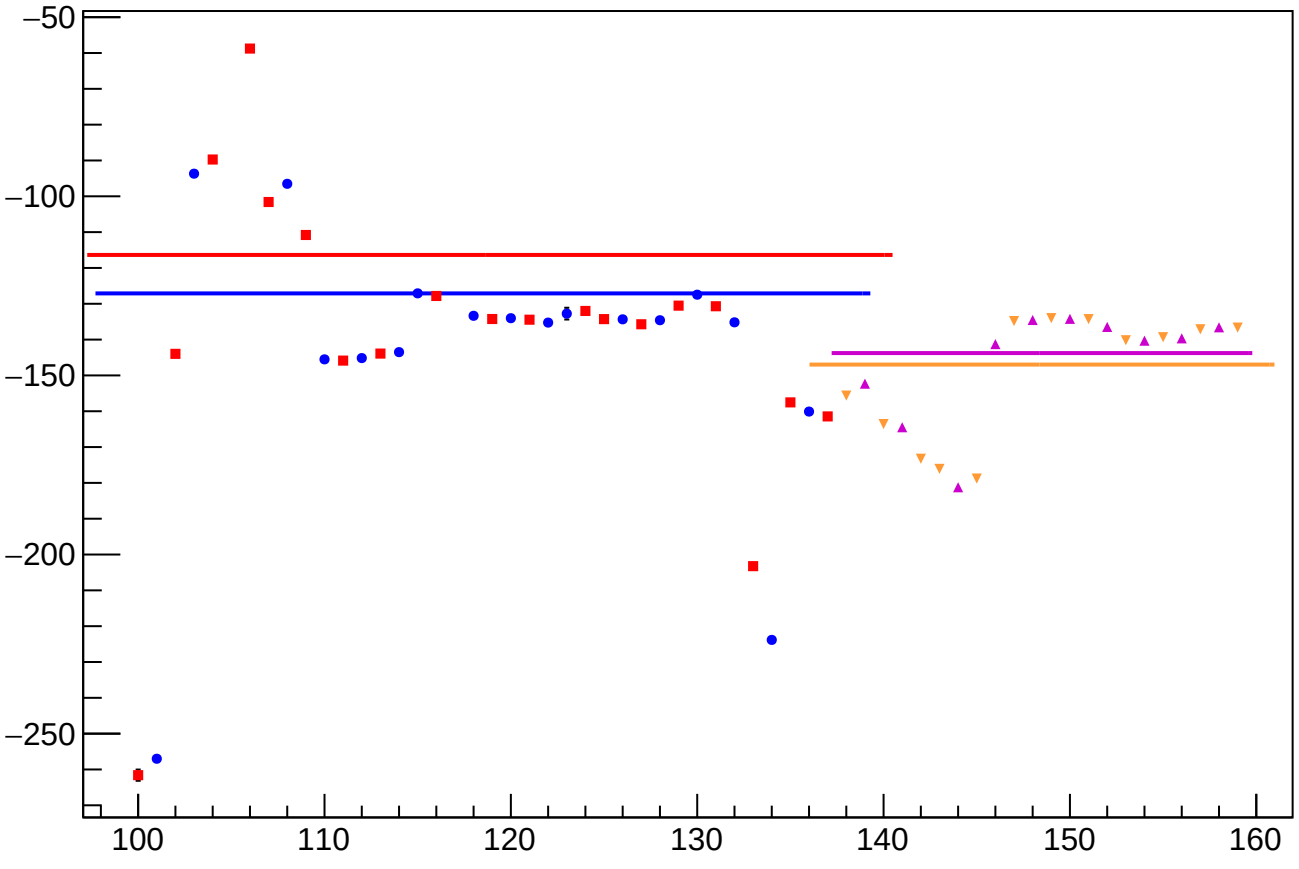
Left In: 46.138+/-1.345 χ^2/NDF:270.2/9

+ sign 56.765+/-1.033 χ^2/NDF: 900.2/28

All: 54.175+/-0.732 χ^2/NDF: 1714.1/57

- sign 51.559+/-1.038 χ^2/NDF: 801.2/28

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -146.976+/-0.064 χ^2/NDF:62950.3/11

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

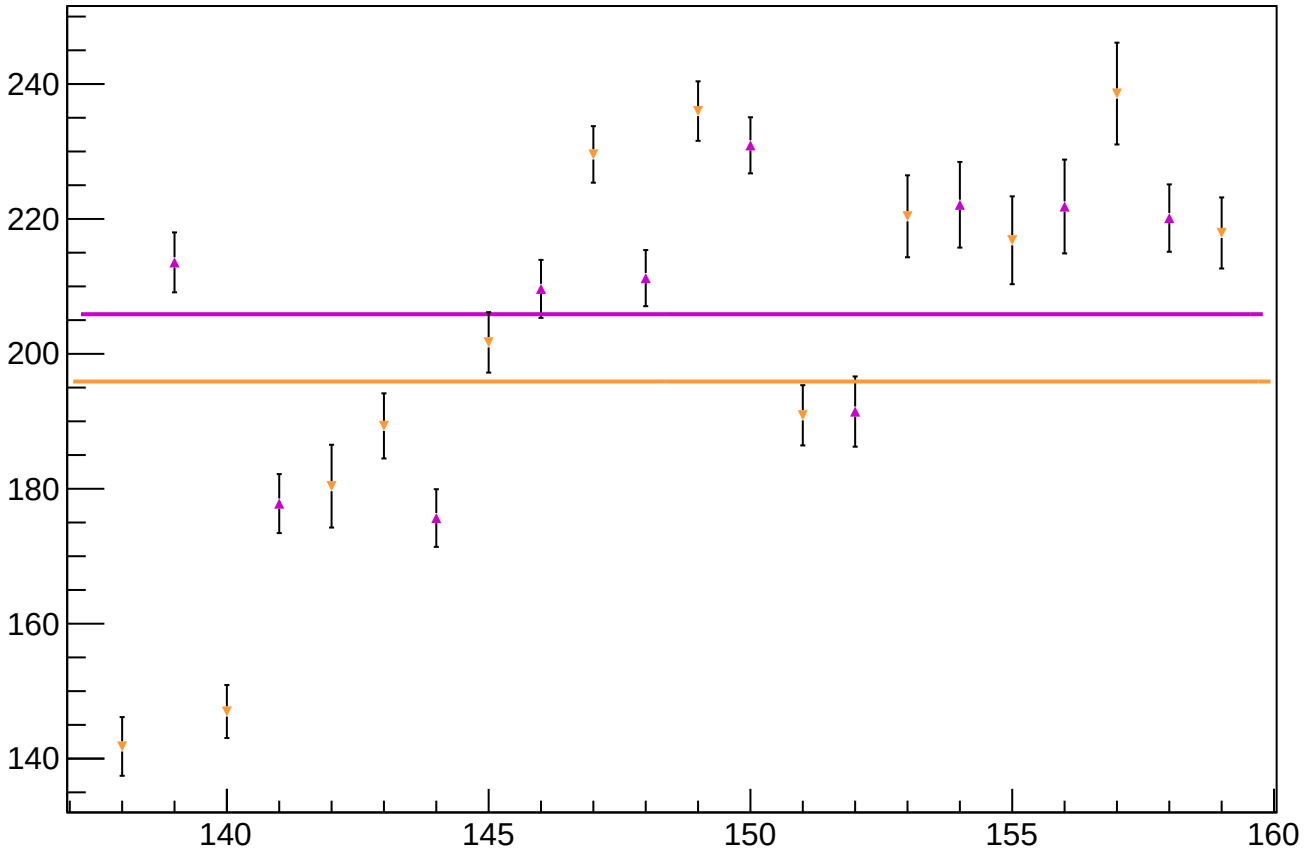
Left In: -143.764+/-0.065 χ^2/NDF:40662.8/9

+ sign -140.245+/-0.052 χ^2/NDF: 262660.3/28

All: -136.731+/-0.036 χ^2/NDF: 547479.5/57

- sign -133.338+/-0.051 χ^2/NDF: 275863.4/28

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 195.899+/-1.415 χ^2/NDF:543.8/11

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

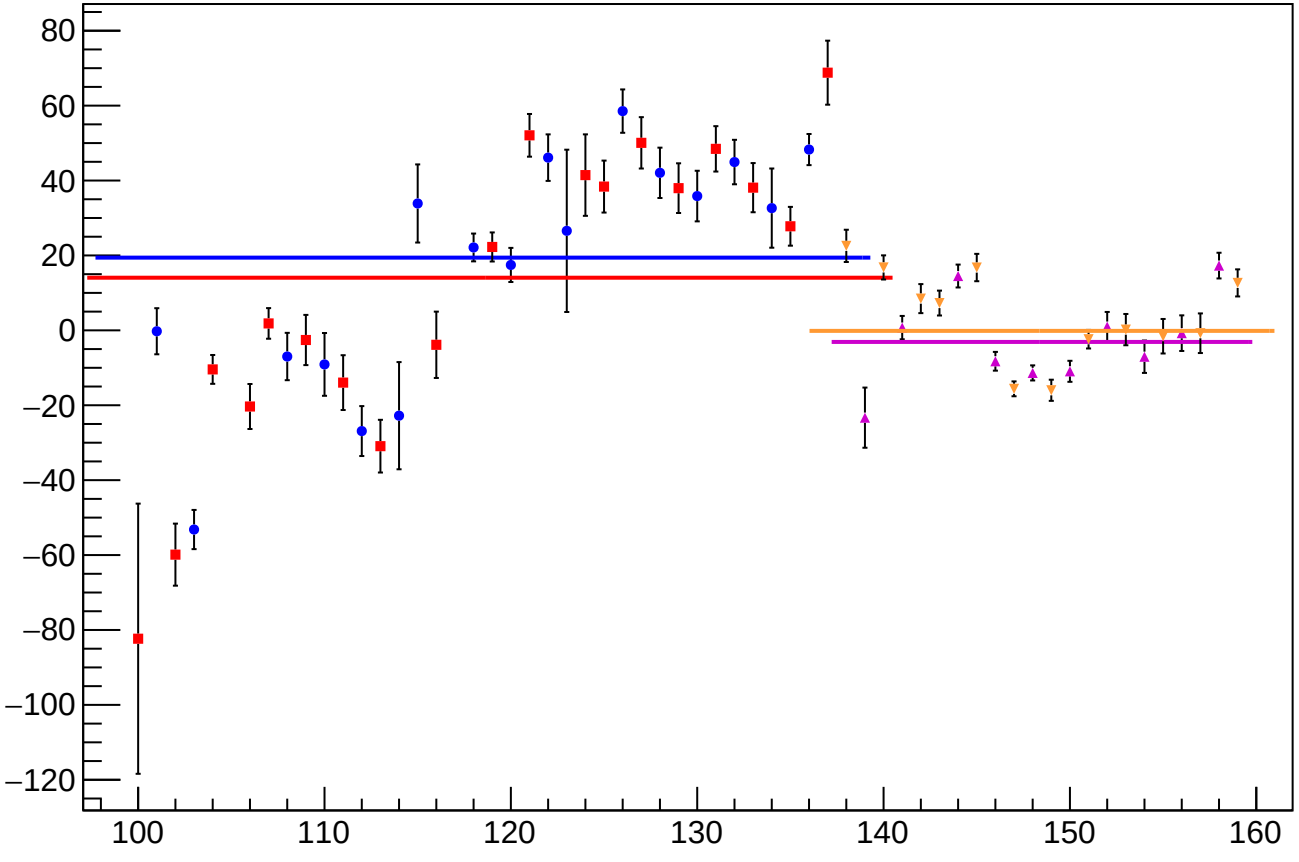
Left In: 205.880+/-1.491 χ^2/NDF:160.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 200.628+/-1.026 χ^2/NDF: 727.9/21

- 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: -0.141+/-0.936 χ^2/NDF:192.6/11

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

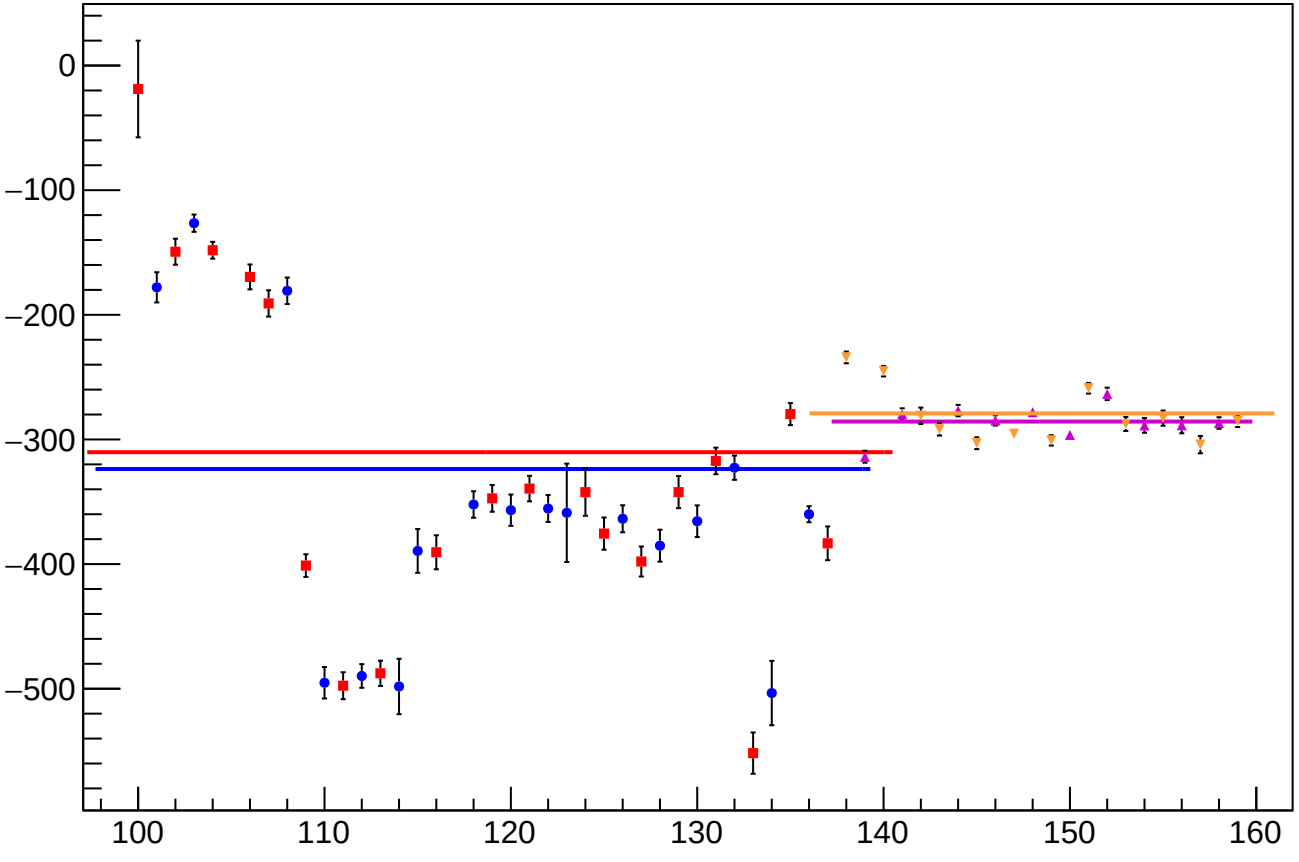
Left In: -3.093+/-0.997 χ^2/NDF:107.4/9

+ sign 5.449+/-0.791 χ^2/NDF: 758.4/28

All: 4.119+/-0.566 χ^2/NDF: 1408.4/57

- sign 2.722+/-0.811 χ^2/NDF: 644.2/28

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -279.092+/-1.403 χ^2/NDF:272.3/11

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

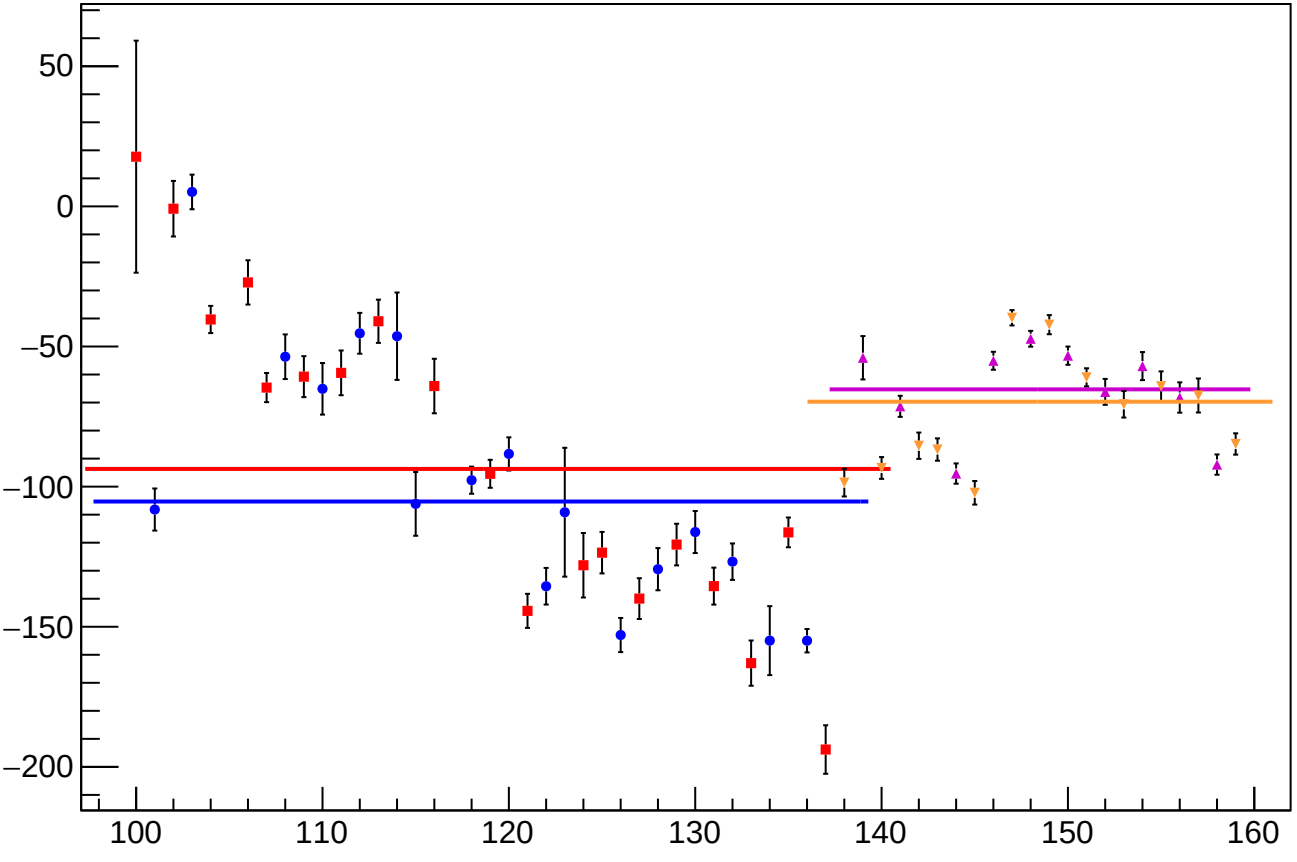
Left In: -285.653+/-1.461 χ^2/NDF:71.5/9

+ sign -288.762+/-1.242 χ^2/NDF: 2342.3/28

All: -290.265+/-0.886 χ^2/NDF: 4787.7/57

- sign -291.823+/-1.264 χ^2/NDF: 2442.5/28

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -69.697+/-1.144 χ^2/NDF:369.0/11

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

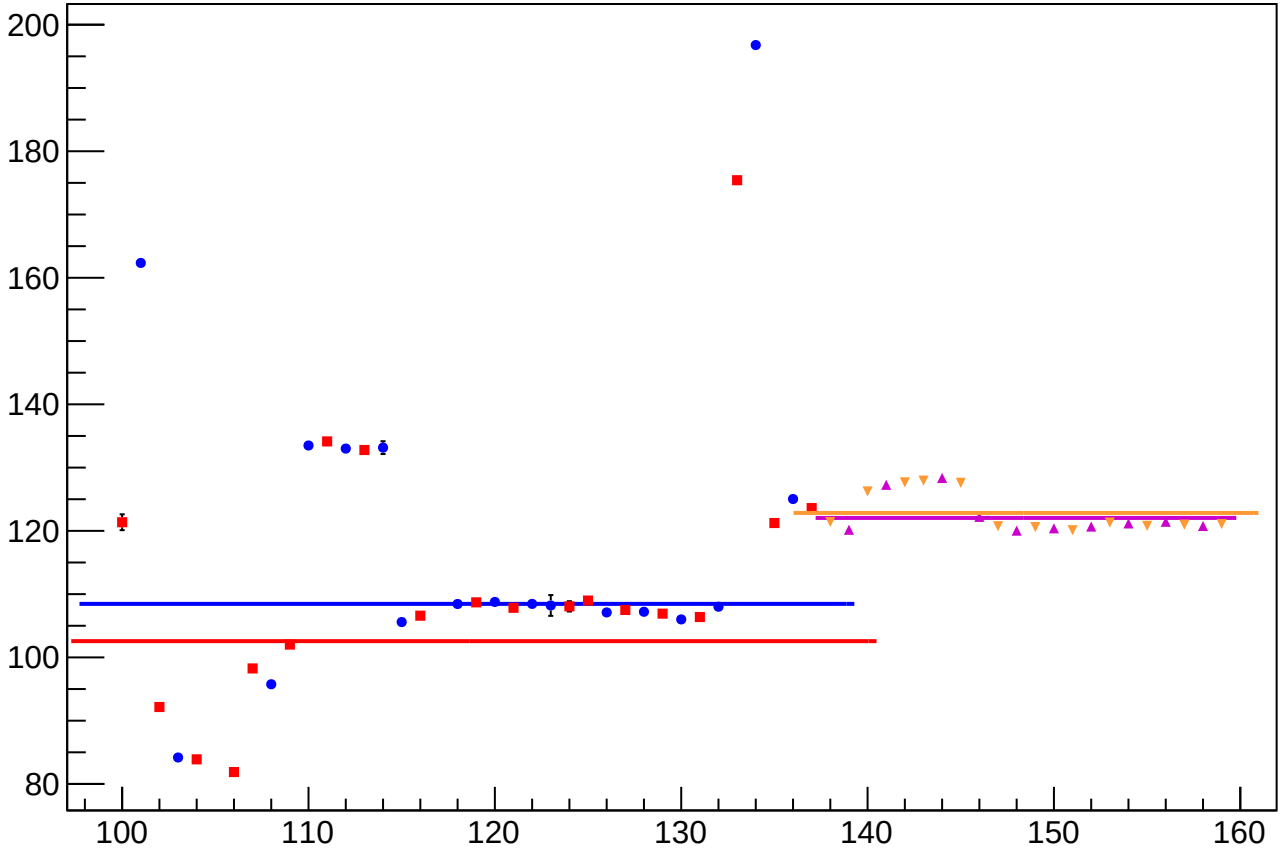
Left In: -65.289+/-1.214 χ^2/NDF:196.5/9

+ sign -80.862+/-0.948 χ^2/NDF: 1410.1/28

All: -78.274+/-0.678 χ^2/NDF: 2646.4/57

- sign -75.566+/-0.970 χ^2/NDF: 1221.0/28

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 122.835+/-0.057 χ^2/NDF:2814.7/11

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

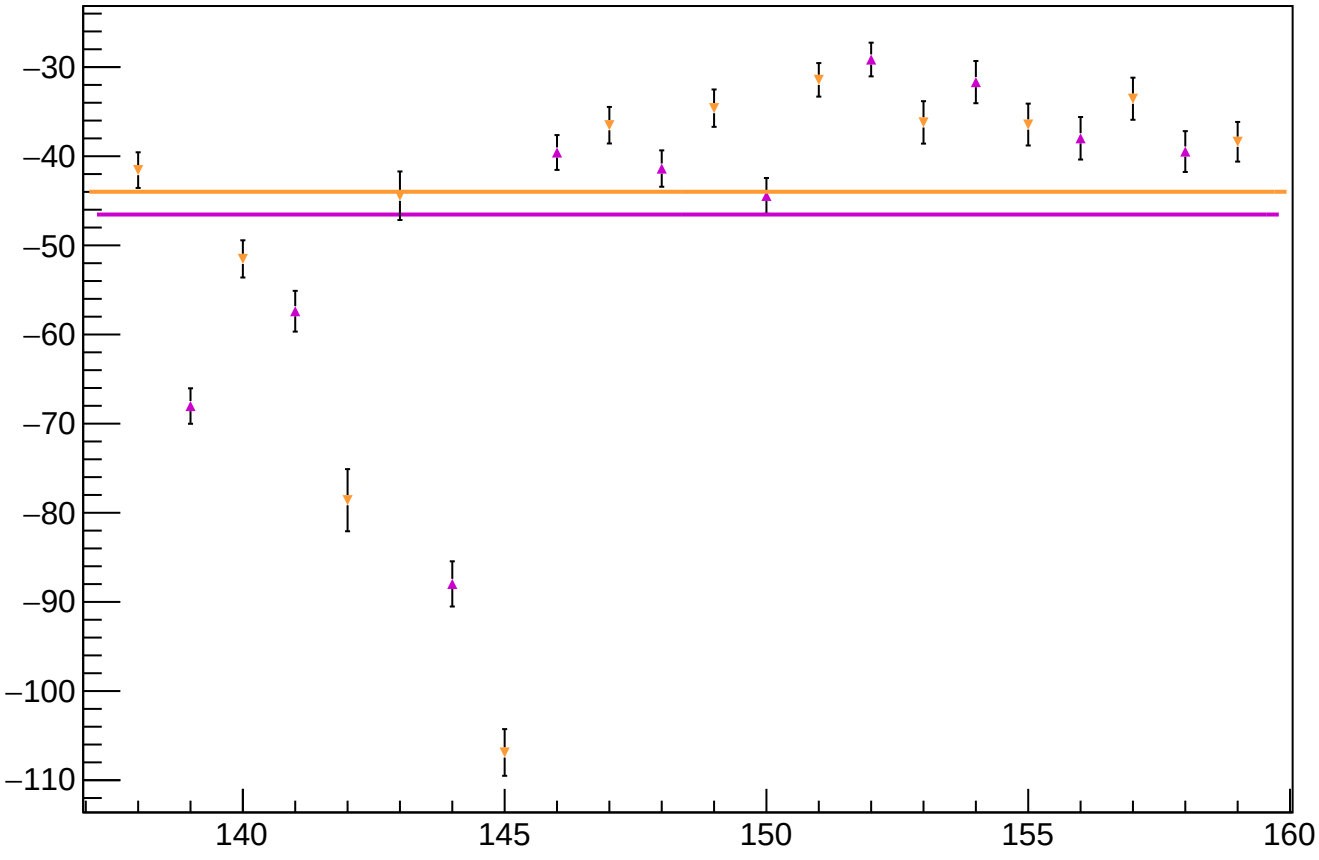
Left In: 122.045+/-0.058 χ^2/NDF:2273.5/9

+ sign 118.403+/-0.047 χ^2/NDF: 96027.8/28

All: 116.821+/-0.033 χ^2/NDF: 192797.5/57

- sign 115.245+/-0.047 χ^2/NDF: 94512.2/28

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -43.986+/-0.655 χ^2/NDF:814.6/11

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

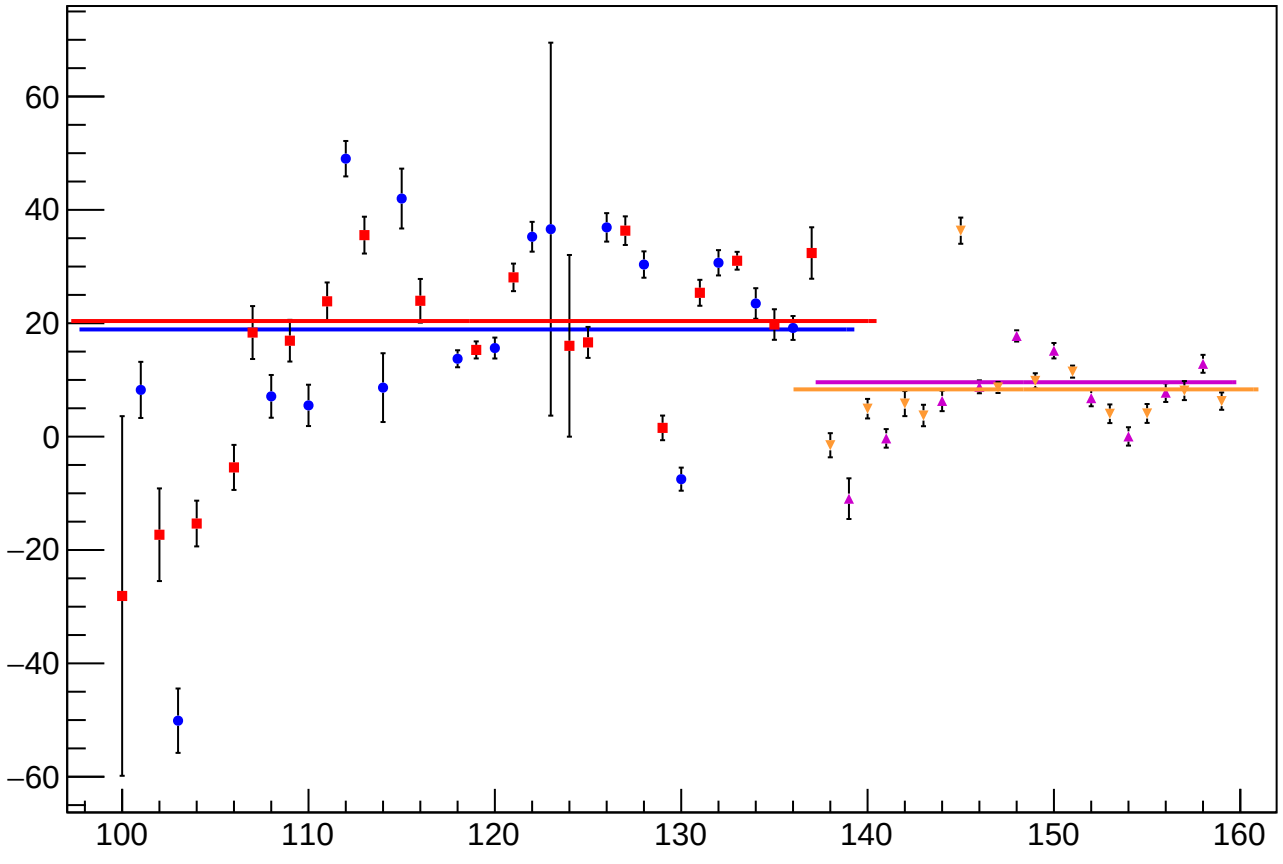
Left In: -46.540+/-0.678 χ^2/NDF:572.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -45.219+/-0.471 χ^2/NDF: 1394.5/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 8.334+/-0.437 χ^2/NDF:204.5/11

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

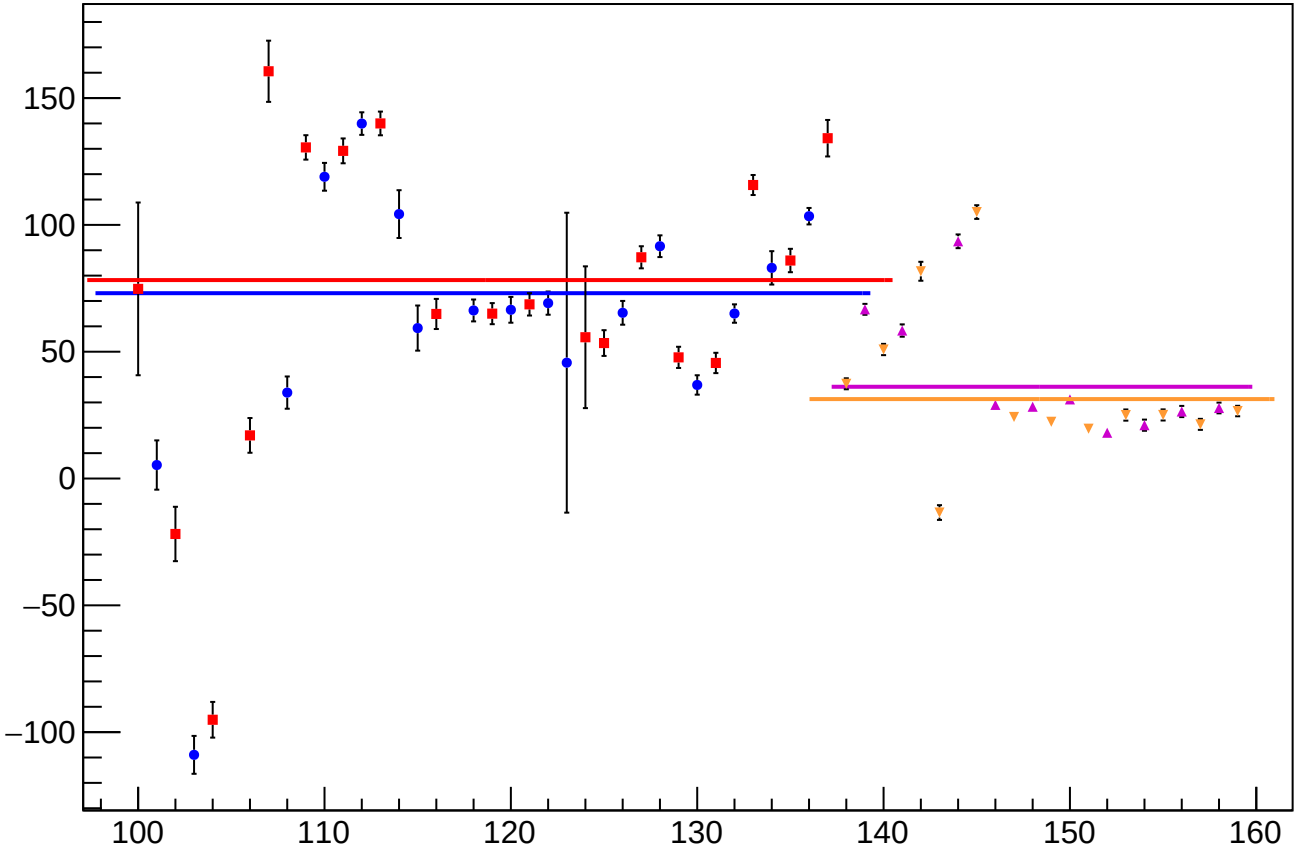
Left In: 9.595+/-0.460 χ^2/NDF:201.7/9

+ sign 11.675+/-0.362 χ^2/NDF: 1008.1/28

All: 12.434+/-0.260 χ^2/NDF: 1770.2/57

- sign 13.246+/-0.374 χ^2/NDF: 753.0/28

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 31.319+/-0.640 χ^2/NDF:1366.9/11

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

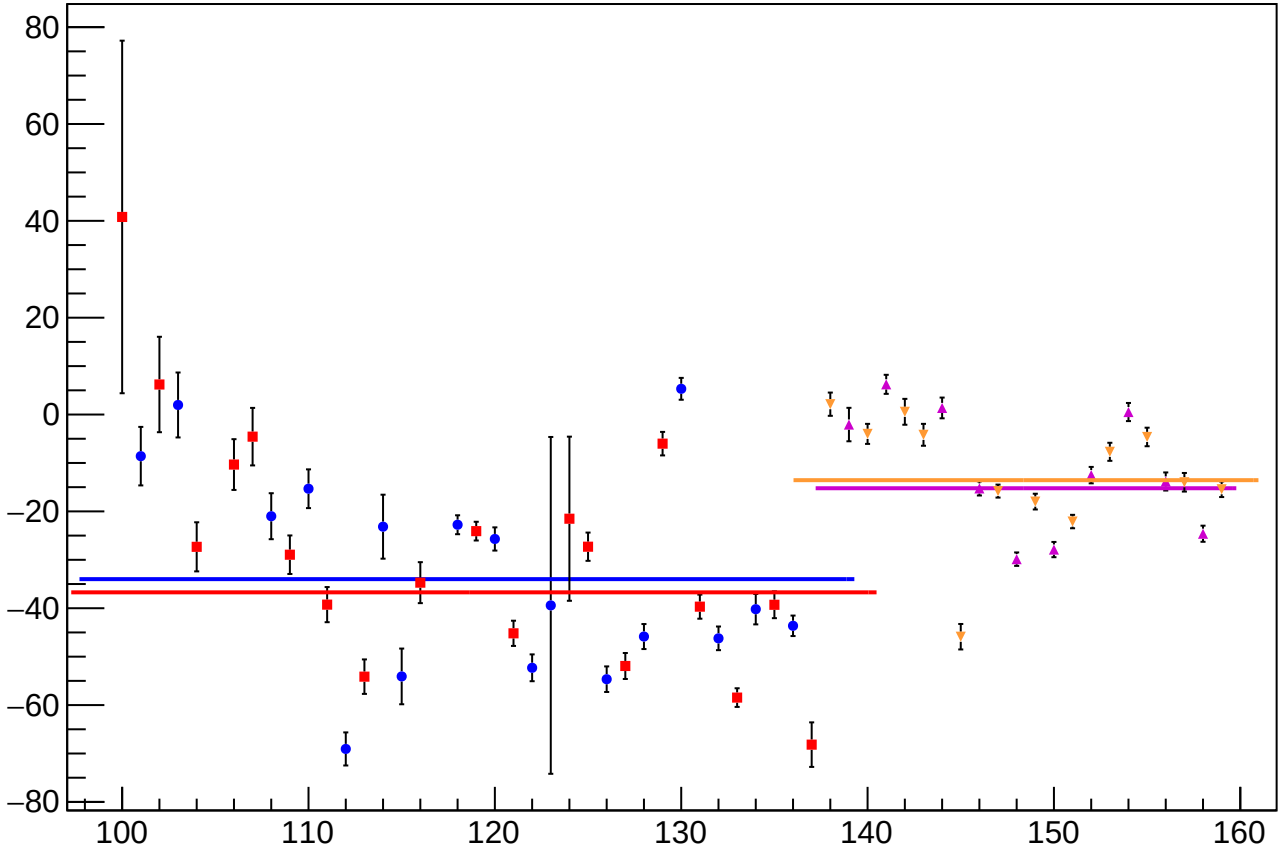
Left In: 36.177+/-0.659 χ^2/NDF:952.6/9

+ sign 40.237+/-0.567 χ^2/NDF: 3476.2/28

All: 42.883+/-0.406 χ^2/NDF: 6933.2/57

- sign 45.647+/-0.580 χ^2/NDF: 3412.6/28

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -13.554+/-0.530 χ^2/NDF:341.3/11

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

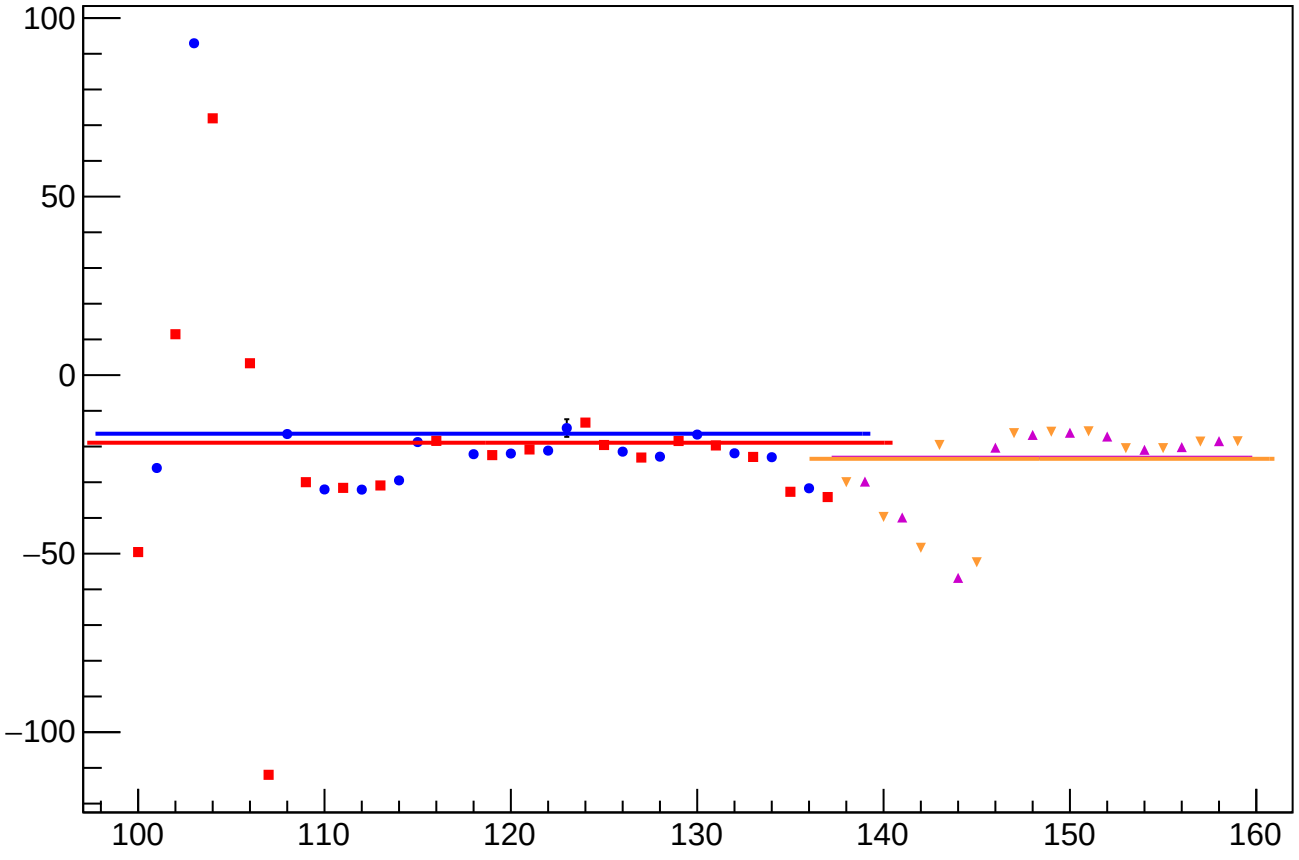
Left In: -15.222+/-0.556 χ^2/NDF:475.2/9

+ sign -20.533+/-0.430 χ^2/NDF: 1568.5/28

All: -21.740+/-0.309 χ^2/NDF: 3145.1/57

- sign -23.025+/-0.444 χ^2/NDF: 1560.4/28

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -23.436+/-0.025 χ^2/NDF:172217.9/11

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

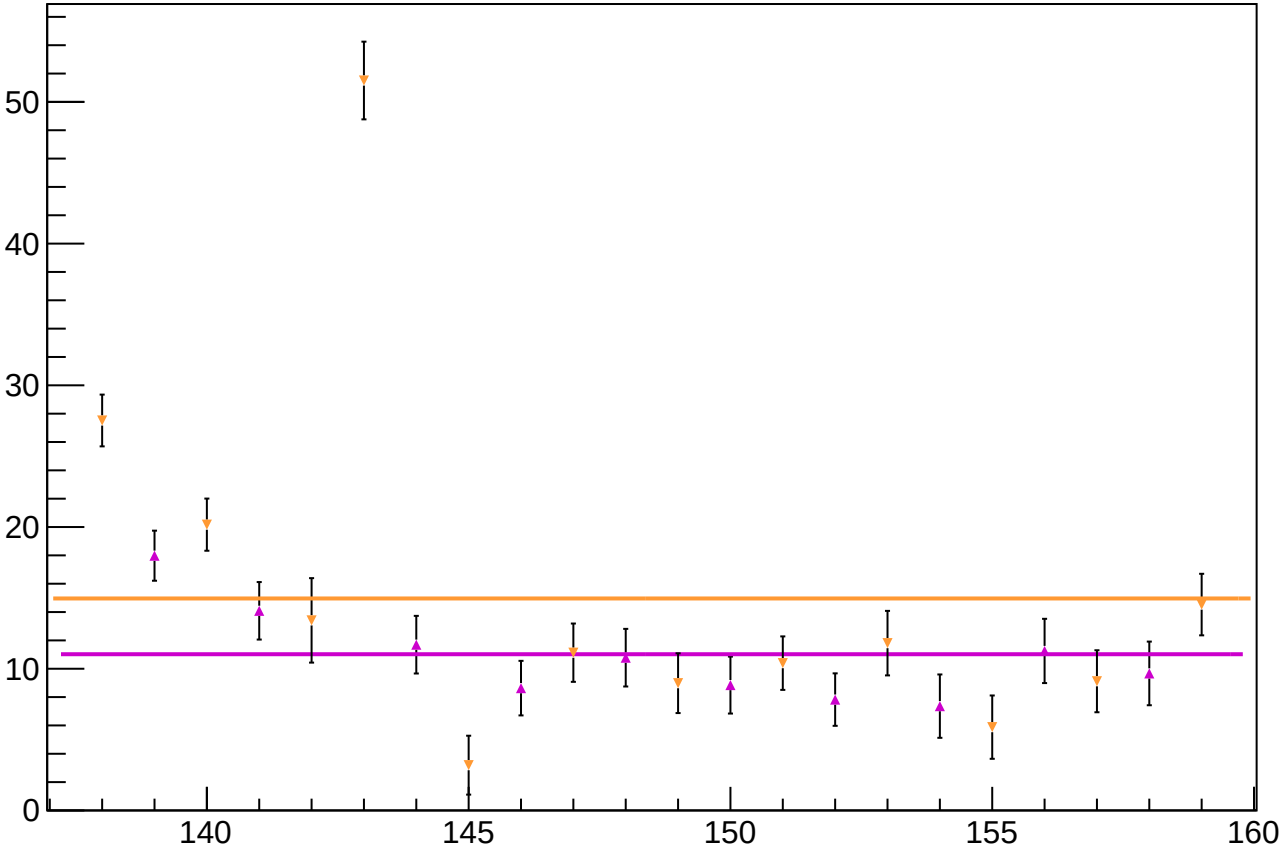
Left In: -23.127+/-0.026 χ^2/NDF:144654.7/9

+ sign -21.733+/-0.022 χ^2/NDF: 665551.6/28

All: -21.912+/-0.016 χ^2/NDF: 1250984.2/57

- sign -22.101+/-0.022 χ^2/NDF: 585294.5/28

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 14.959+/-0.617 χ^2/NDF:308.3/11

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

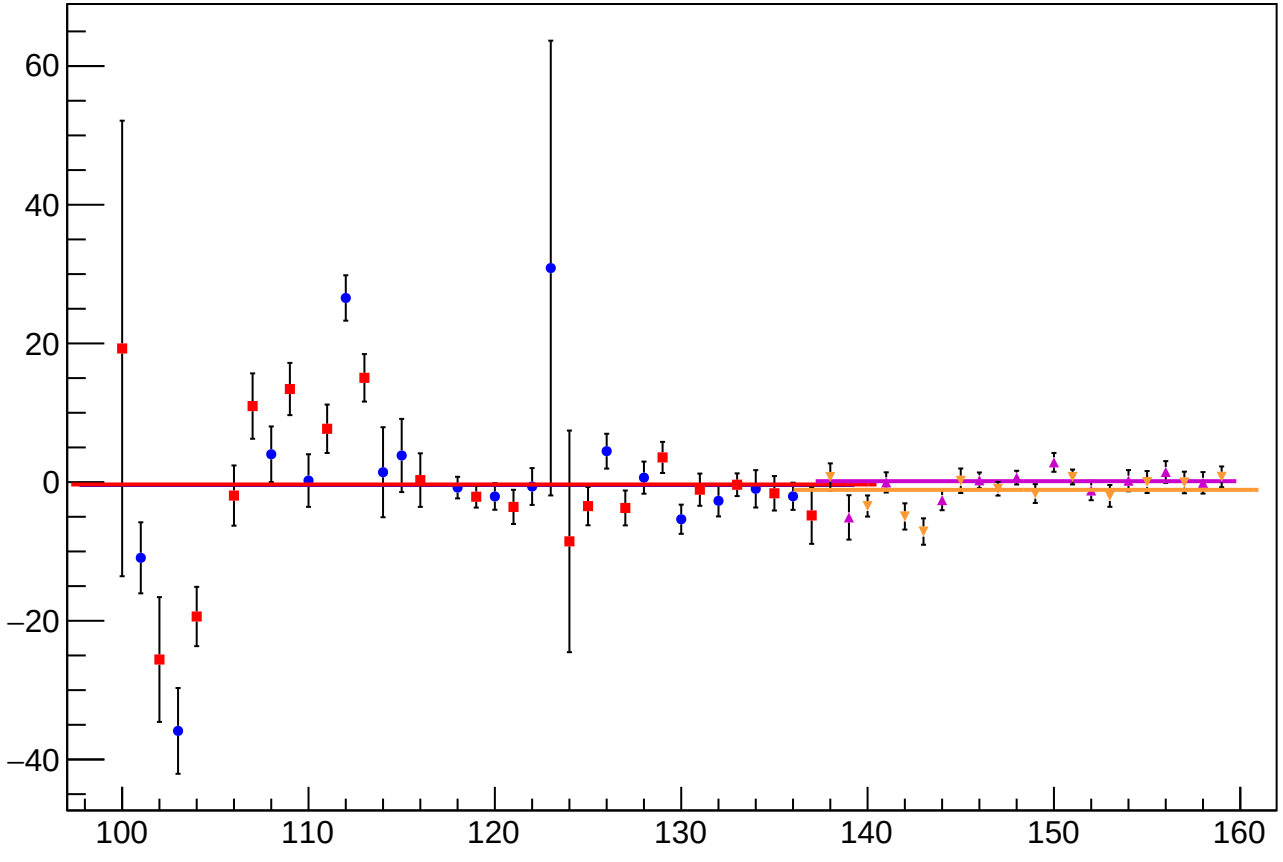
Left In: 11.025+/-0.639 χ^2/NDF:26.7/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 13.061+/-0.444 χ^2/NDF: 354.6/21

- 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: -1.114+/-0.419 χ^2/NDF:23.9/11

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

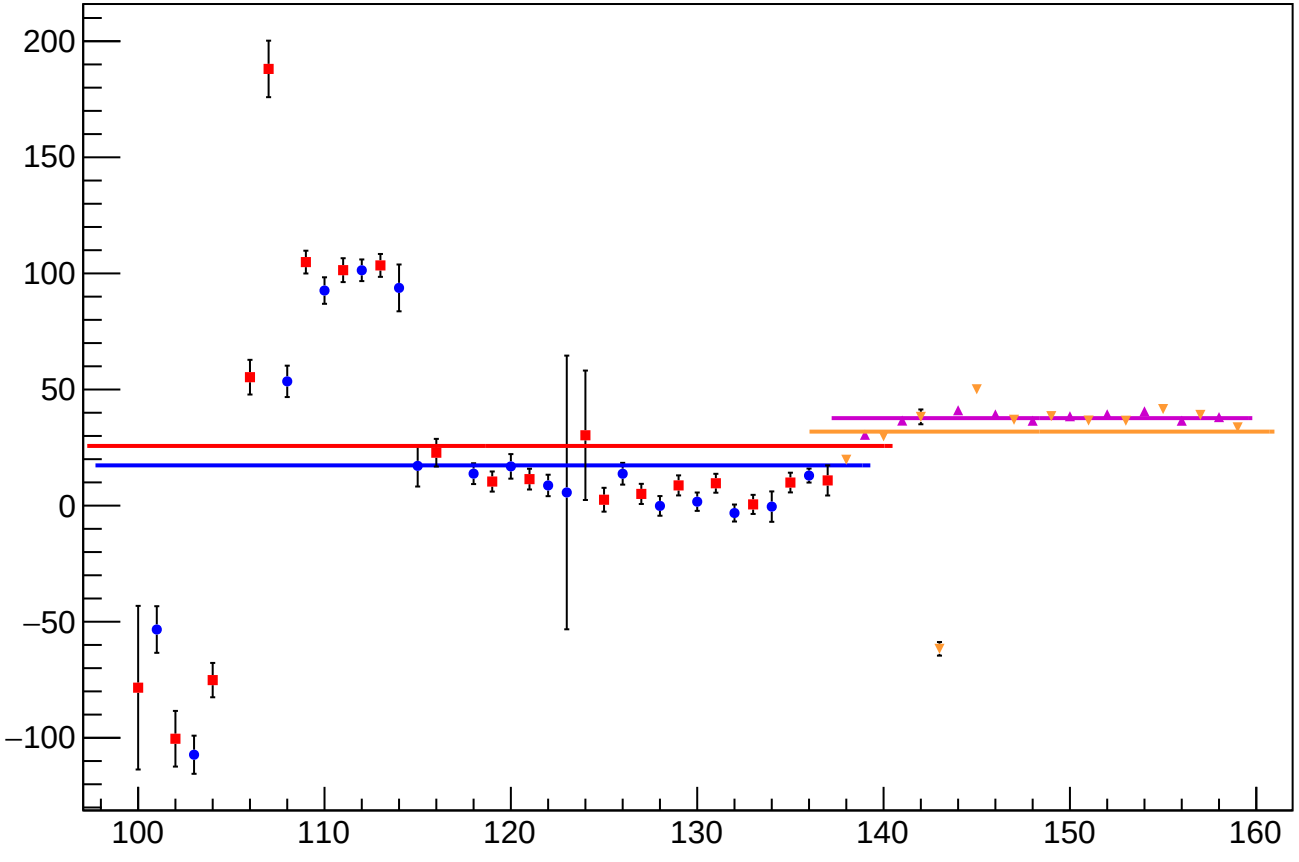
Left In: 0.133+/-0.441 χ^2/NDF:12.1/9

+ sign -0.910+/-0.353 χ^2/NDF: 144.6/28

All: -0.478+/-0.254 χ^2/NDF: 243.9/57

- sign -0.014+/-0.366 χ^2/NDF: 96.2/28

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 31.872+/-0.606 χ^2/NDF:1200.0/11

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

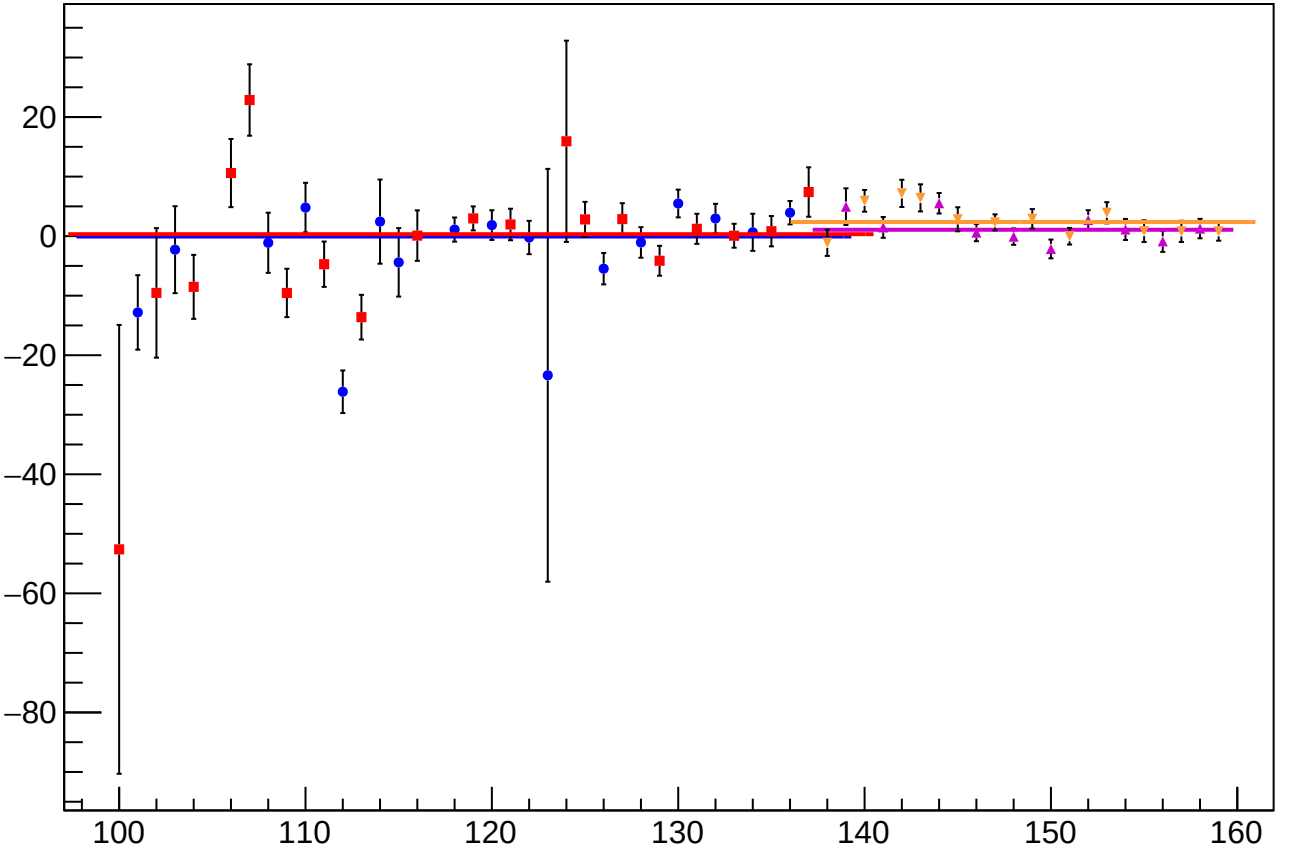
Left In: 37.674+/-0.625 χ^2/NDF:21.2/9

+ sign 29.063+/-0.544 χ^2/NDF: 2254.3/28

All: 32.083+/-0.390 χ^2/NDF: 3791.9/57

- sign 35.258+/-0.558 χ^2/NDF: 1474.4/28

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 2.375+/-0.506 χ^2/NDF:20.2/11

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

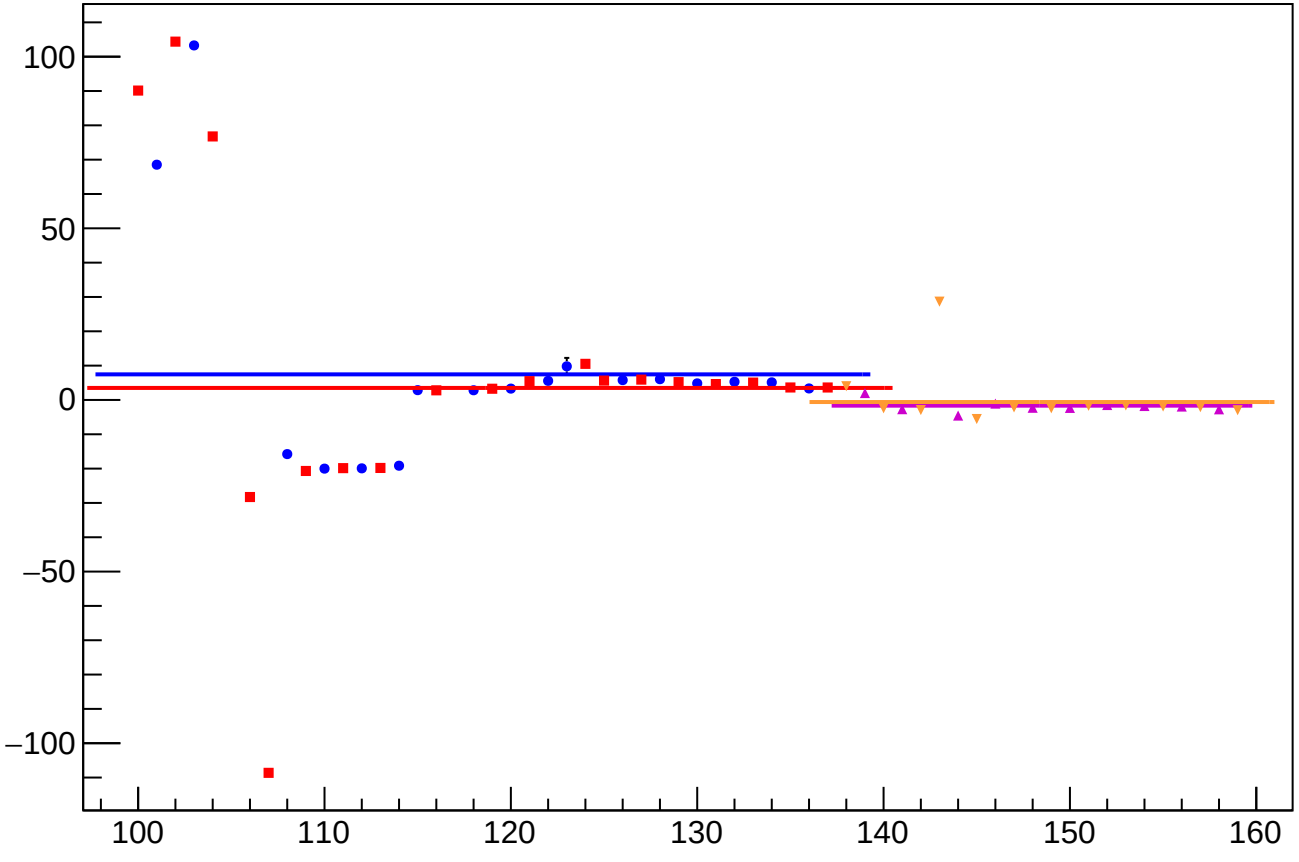
Left In: 1.068+/-0.531 χ^2/NDF:15.5/9

+ sign 1.604+/-0.418 χ^2/NDF: 104.1/28

All: 1.226+/-0.301 χ^2/NDF: 177.0/57

- sign 0.820+/-0.433 χ^2/NDF: 71.2/28

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: -0.605+/-0.024 χ^2/NDF:73108.6/11

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

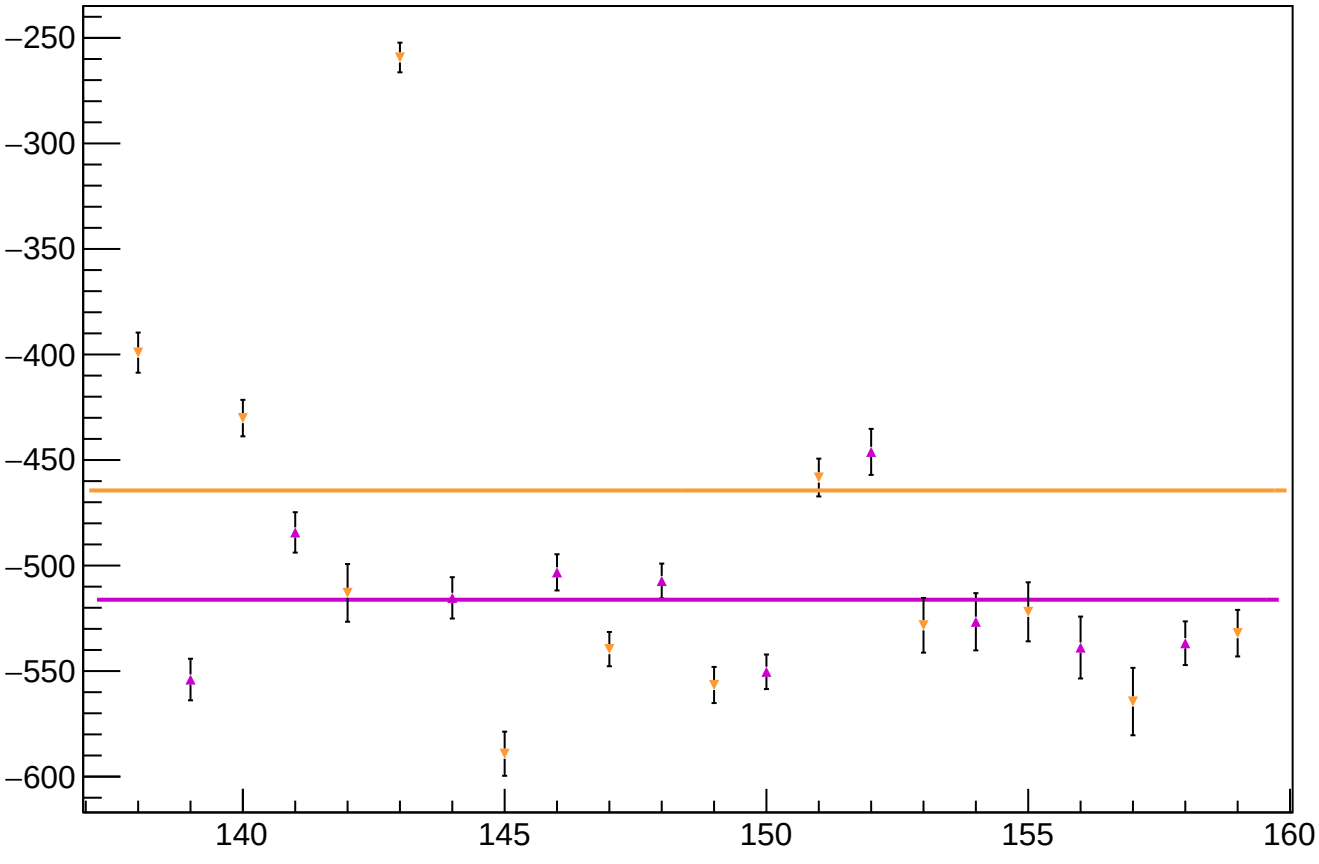
Left In: -1.660+/-0.024 χ^2/NDF:4417.8/9

+ sign 1.181+/-0.021 χ^2/NDF: 454783.8/28

All: 0.359+/-0.015 χ^2/NDF: 982943.5/57

- sign -0.510+/-0.021 χ^2/NDF: 524980.9/28

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -464.414+/-2.843 χ^2/NDF:1392.2/11

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

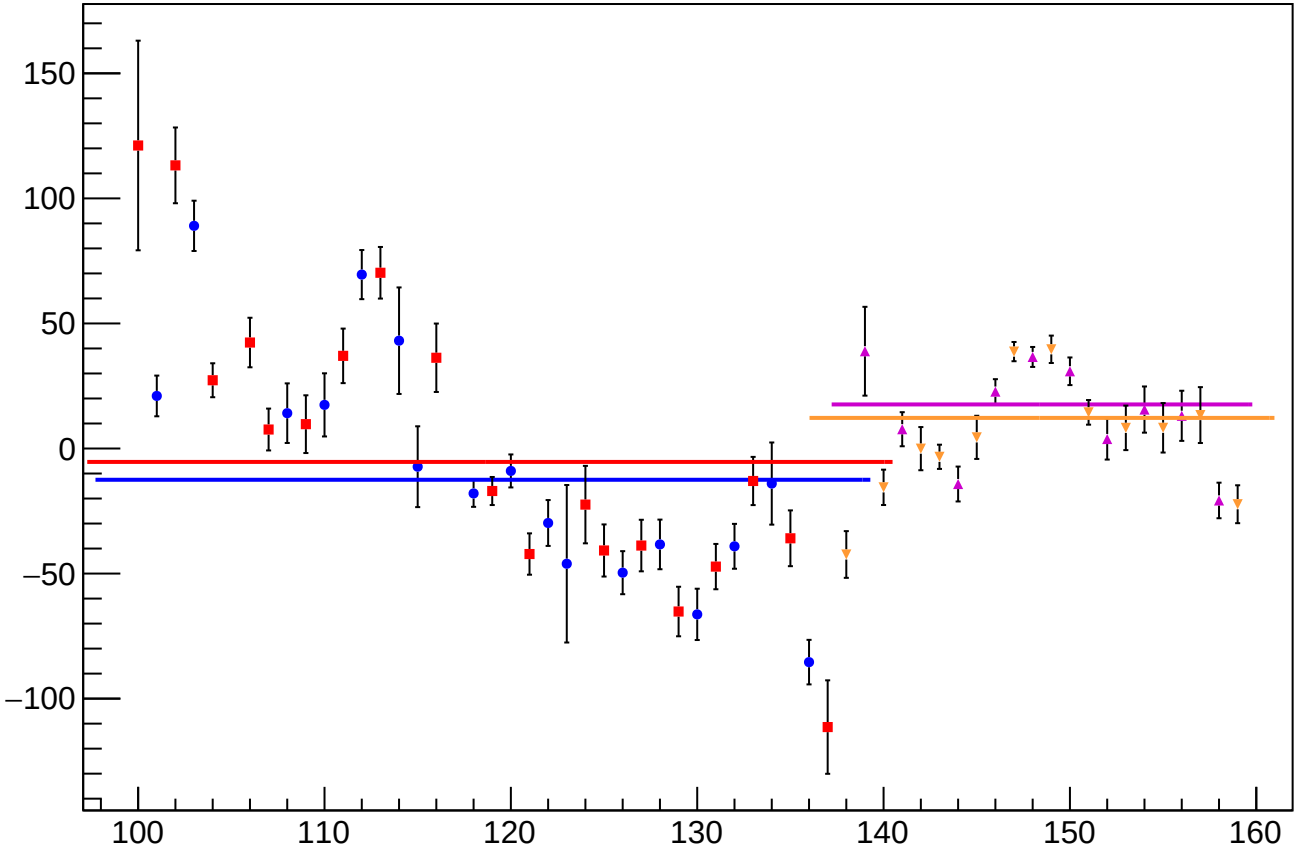
Left In: -516.185+/-3.120 χ^2/NDF:94.8/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -487.895+/-2.101 χ^2/NDF: 1637.5/21

- 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: 12.237+/-1.852 χ^2/NDF:156.7/11

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

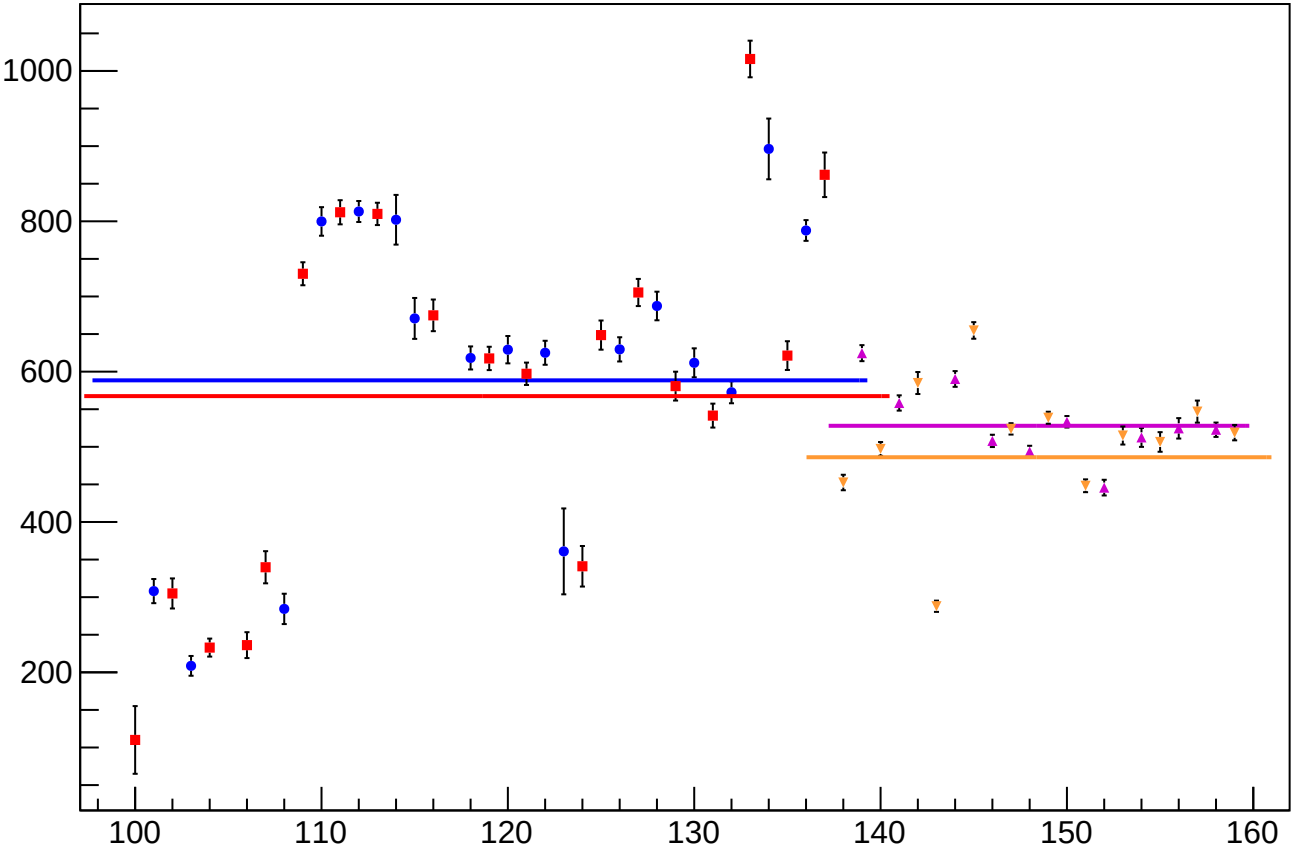
Left In: 17.621+/-2.052 χ^2/NDF:86.1/9

+ sign 2.561+/-1.445 χ^2/NDF: 567.5/28

All: 4.790+/-1.048 χ^2/NDF: 1059.7/57

- sign 7.257+/-1.520 χ^2/NDF: 487.2/28

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 486.125+/-2.821 χ^2/NDF:1115.5/11

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

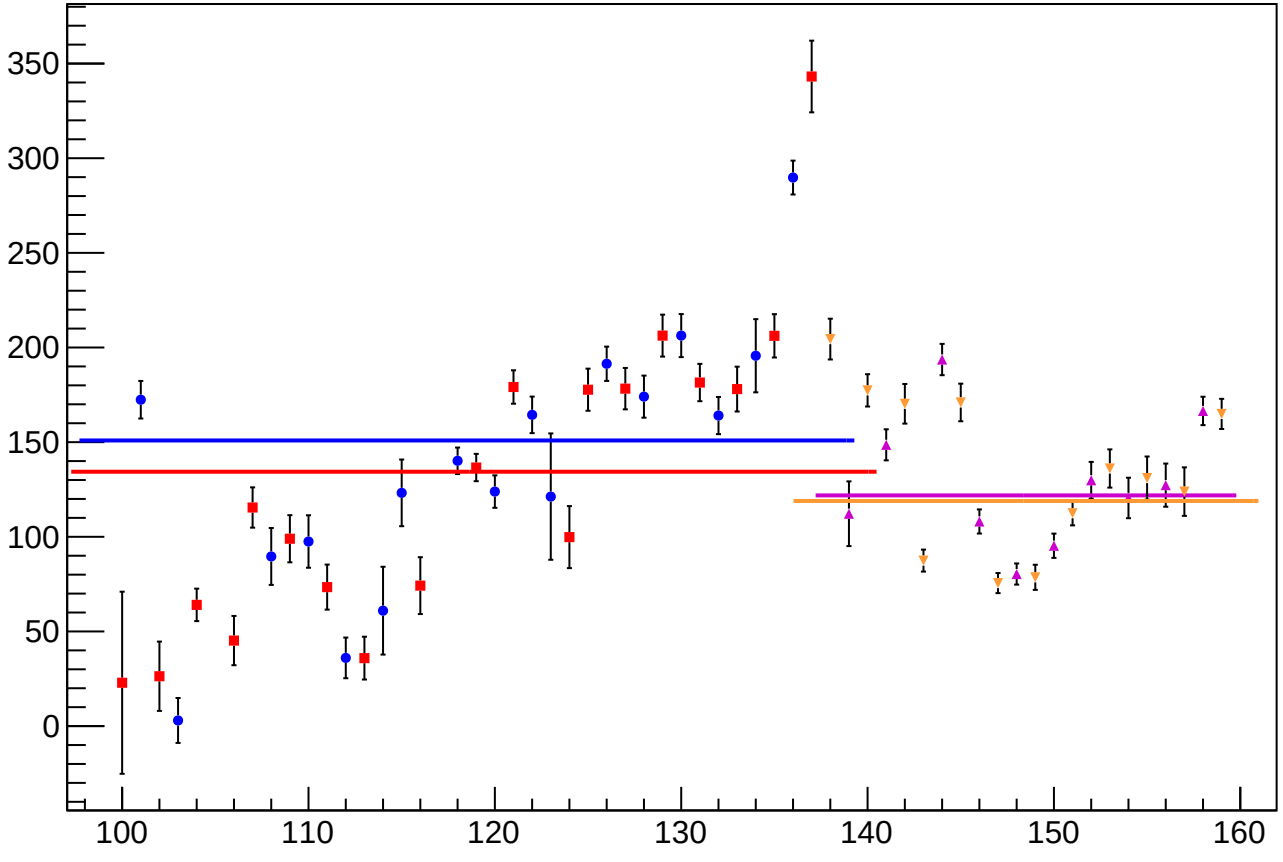
Left In: 527.969+/-3.042 χ^2/NDF:216.5/9

+ sign 516.695+/-2.362 χ^2/NDF: 3638.7/28

All: 528.796+/-1.701 χ^2/NDF: 6753.7/57

- sign 541.823+/-2.450 χ^2/NDF: 3060.4/28

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 118.937+/-2.274 χ^2/NDF:333.4/11

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

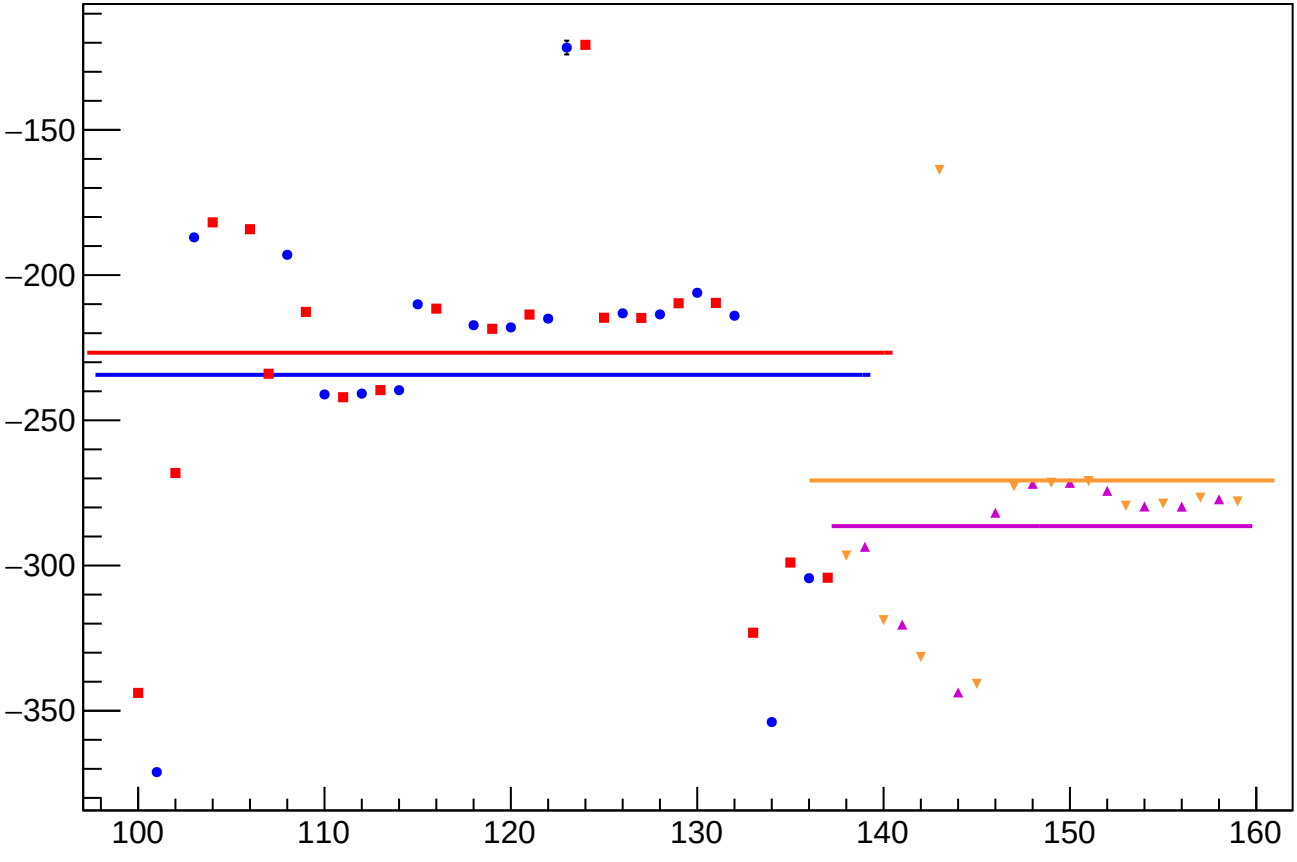
Left In: 121.875+/-2.510 χ^2/NDF:199.8/9

+ sign 132.352+/-1.732 χ^2/NDF: 1051.1/28

All: 130.207+/-1.252 χ^2/NDF: 1850.8/57

- sign 127.860+/-1.812 χ^2/NDF: 796.5/28

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -270.705+/-0.114 χ^2/NDF:182670.2/11

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

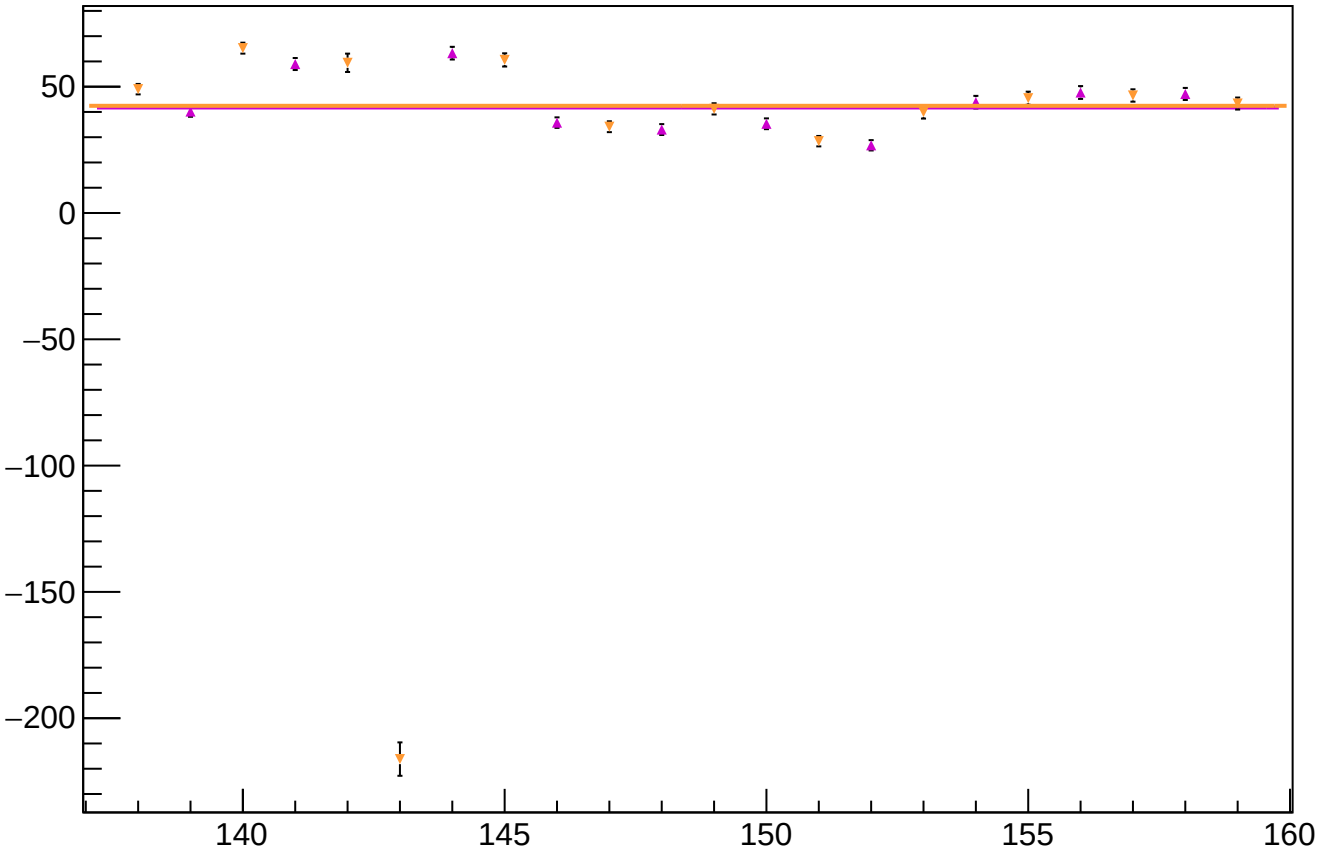
Left In: -286.427+/-0.122 χ^2/NDF:28973.6/9

+ sign -257.151+/-0.091 χ^2/NDF: 365546.7/28

All: -259.045+/-0.065 χ^2/NDF: 597377.0/57

- sign -261.010+/-0.092 χ^2/NDF: 230938.5/28

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 42.434+/-0.709 χ^2/NDF:1786.7/11

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

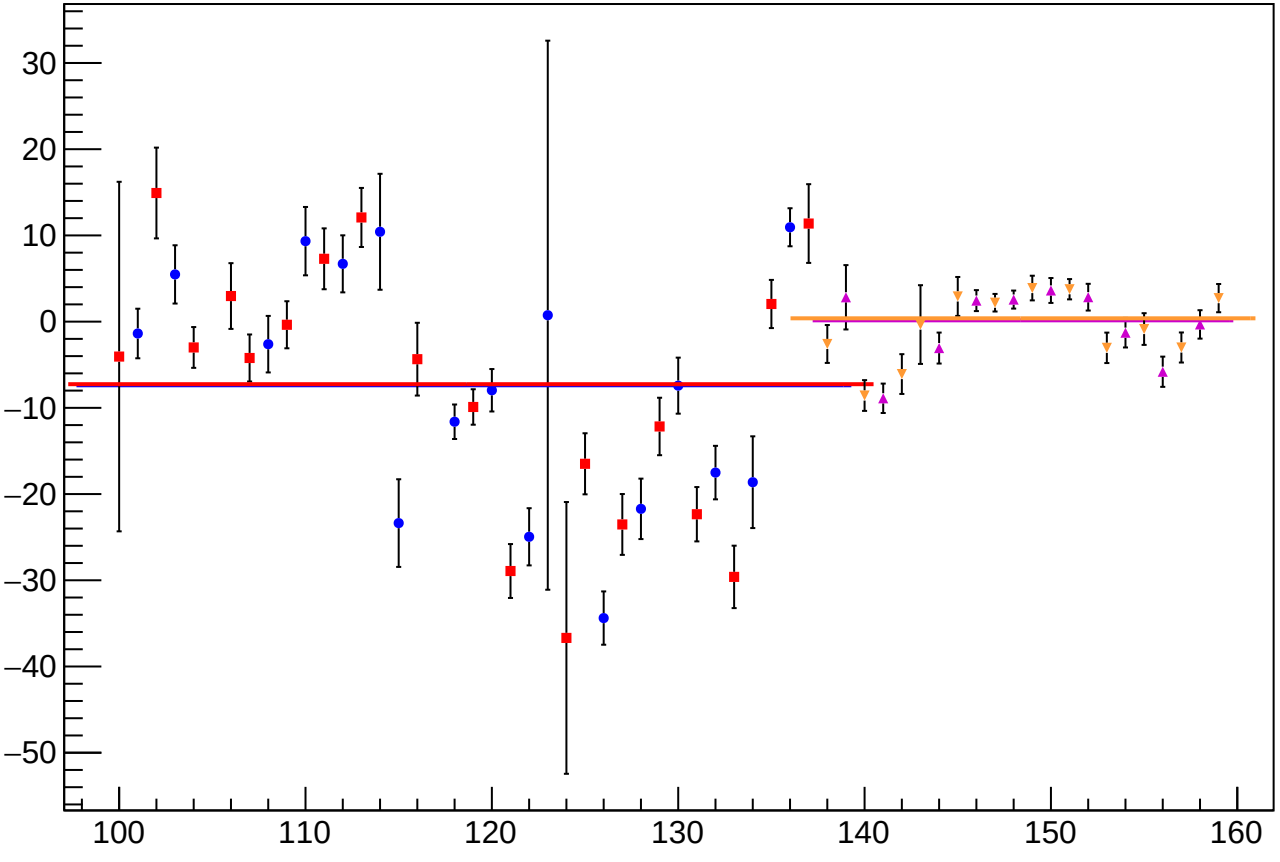
Left In: 41.767+/-0.714 χ^2/NDF:224.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 42.102+/-0.503 χ^2/NDF: 2011.8/21

- 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: 0.385+/-0.474 χ^2/NDF:63.6/11

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

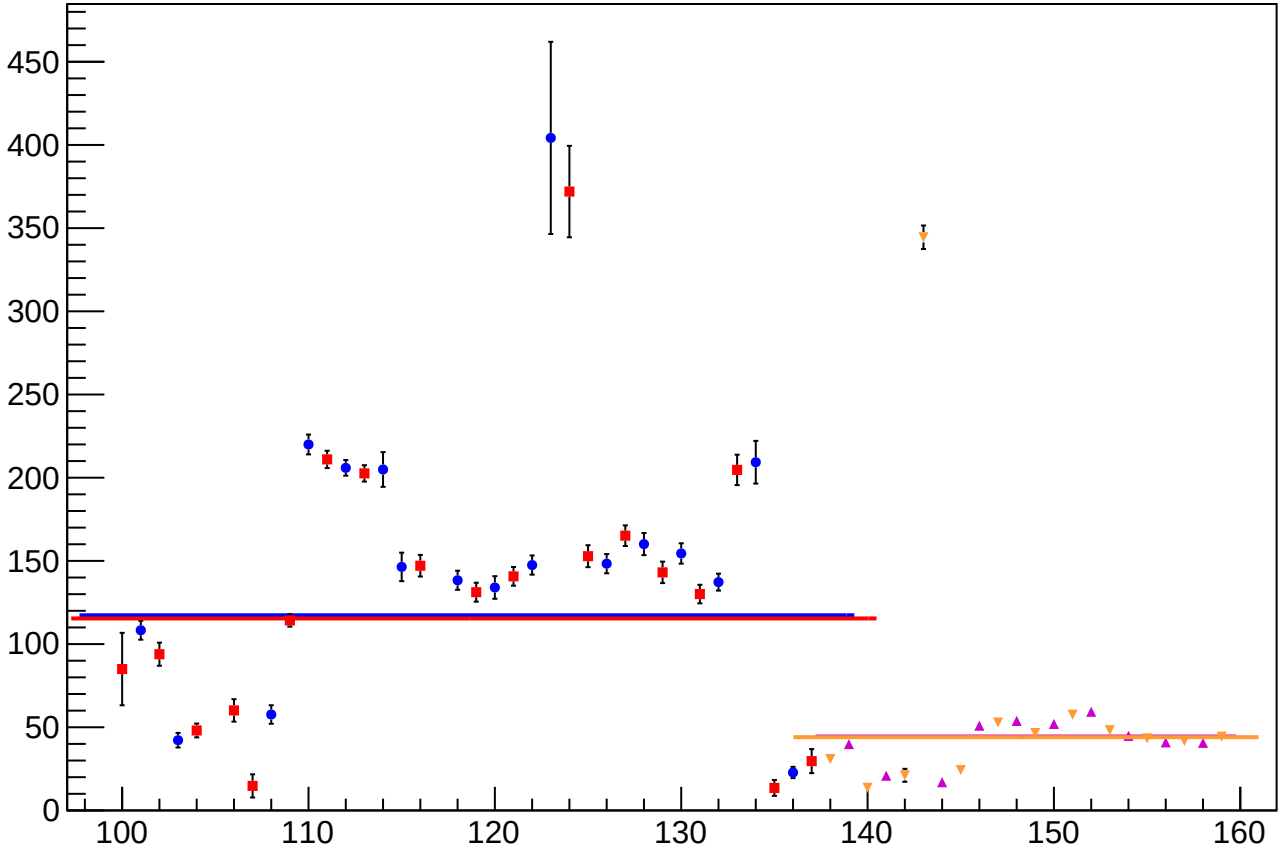
Left In: 0.153+/-0.485 χ^2/NDF:61.8/9

+ sign -1.717+/-0.405 χ^2/NDF: 419.7/28

All: -1.850+/-0.288 χ^2/NDF: 806.3/57

- sign -1.985+/-0.409 χ^2/NDF: 386.4/28

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 44.041+/-0.691 χ^2/NDF:2179.8/11

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

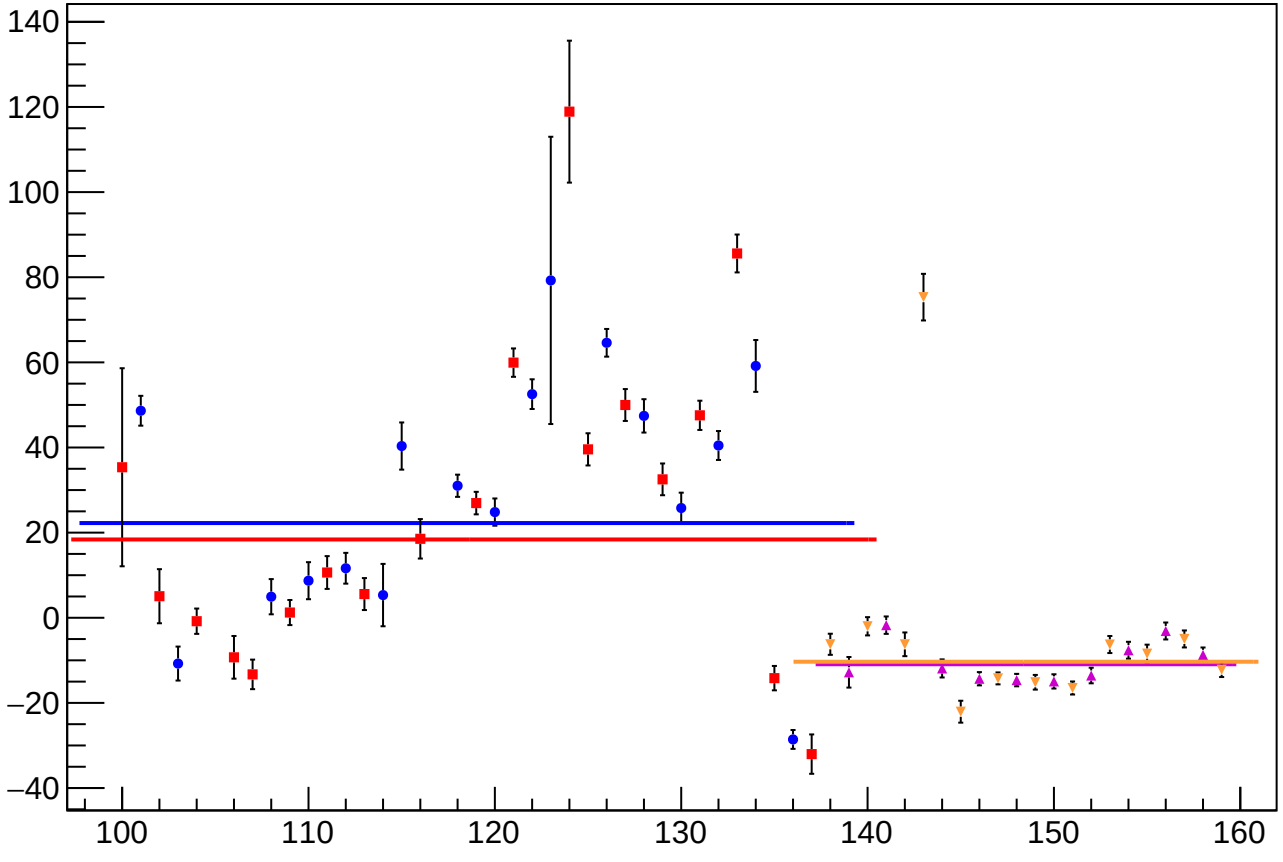
Left In: 44.442+/-0.695 χ^2/NDF:304.7/9

+ sign 58.264+/-0.621 χ^2/NDF: 6521.0/28

All: 58.689+/-0.438 χ^2/NDF: 11135.0/57

- sign 59.112+/-0.619 χ^2/NDF: 4613.0/28

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -10.328+/-0.575 χ^2/NDF:330.5/11

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

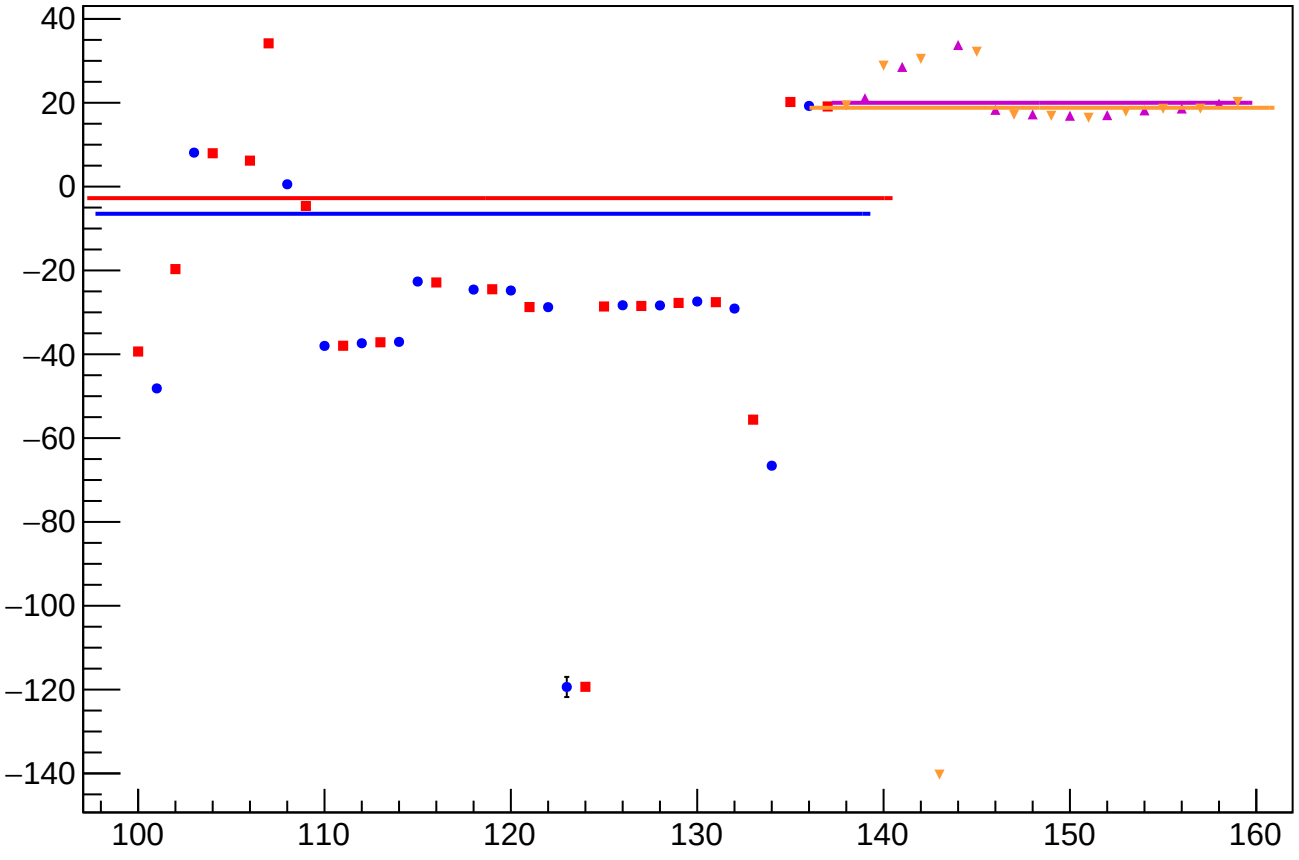
Left In: -10.921+/-0.586 χ^2/NDF:59.5/9

+ sign -0.720+/-0.483 χ^2/NDF: 2348.5/28

All: -1.253+/-0.343 χ^2/NDF: 4266.3/57

- sign -1.795+/-0.486 χ^2/NDF: 1915.4/28

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 18.806+/-0.027 χ^2/NDF:348909.7/11

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

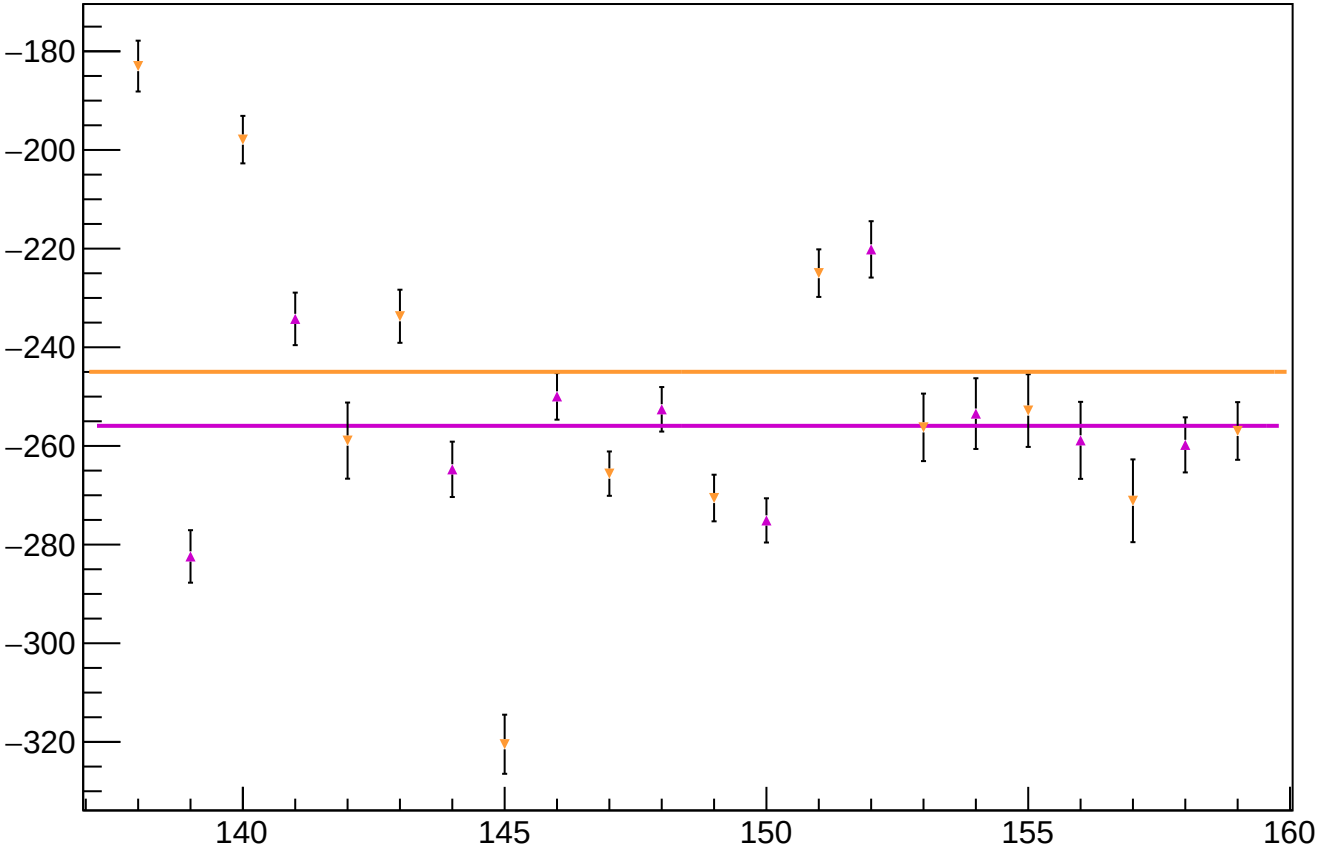
Left In: 19.998+/-0.027 χ^2/NDF:25860.1/9

+ sign 12.315+/-0.023 χ^2/NDF: 837770.6/28

All: 13.188+/-0.017 χ^2/NDF: 1315972.8/57

- sign 14.058+/-0.023 χ^2/NDF: 475417.0/28

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -244.972+/-1.621 χ^2/NDF:492.1/11

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

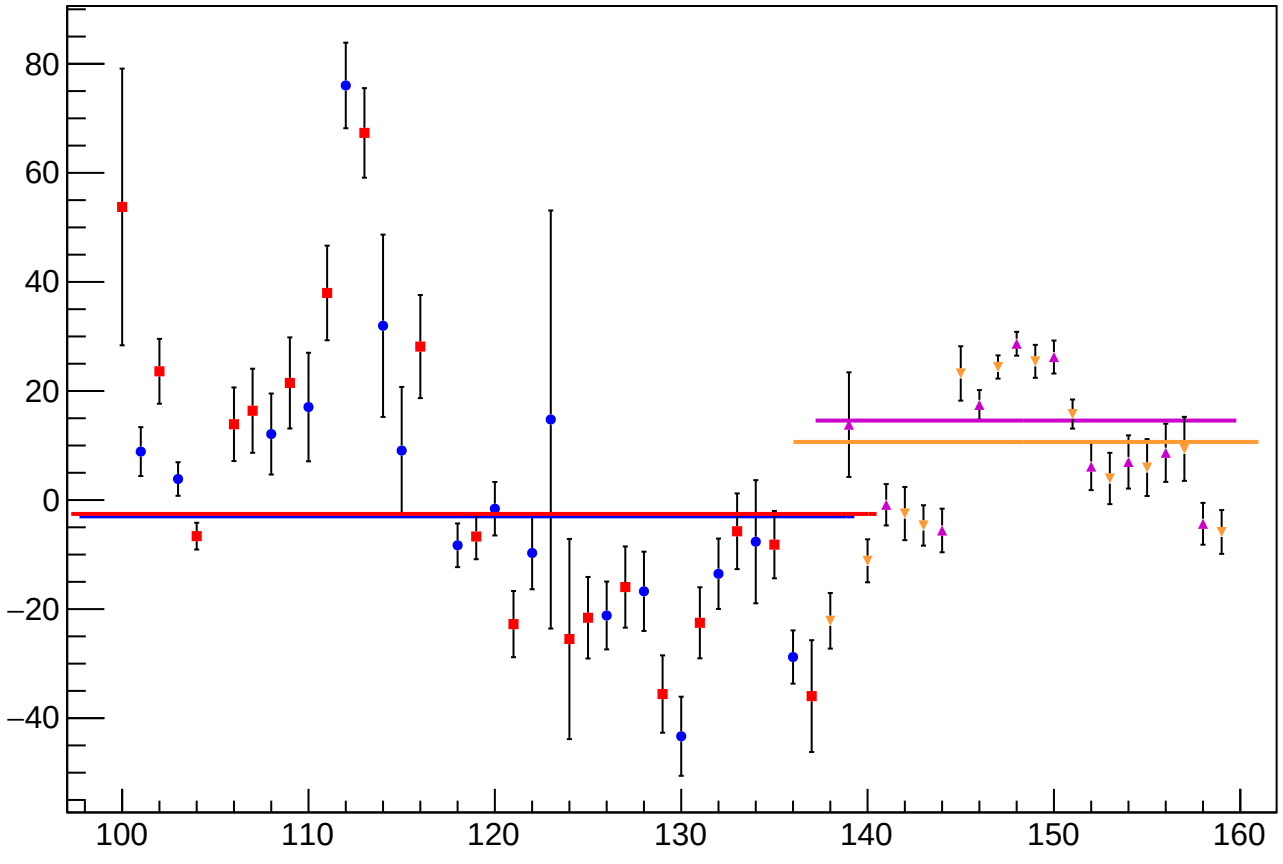
Left In: -255.925+/-1.703 χ^2/NDF:104.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -250.179+/-1.174 χ^2/NDF: 618.0/21

- 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: 10.658+/-1.053 χ^2/NDF:191.6/11

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

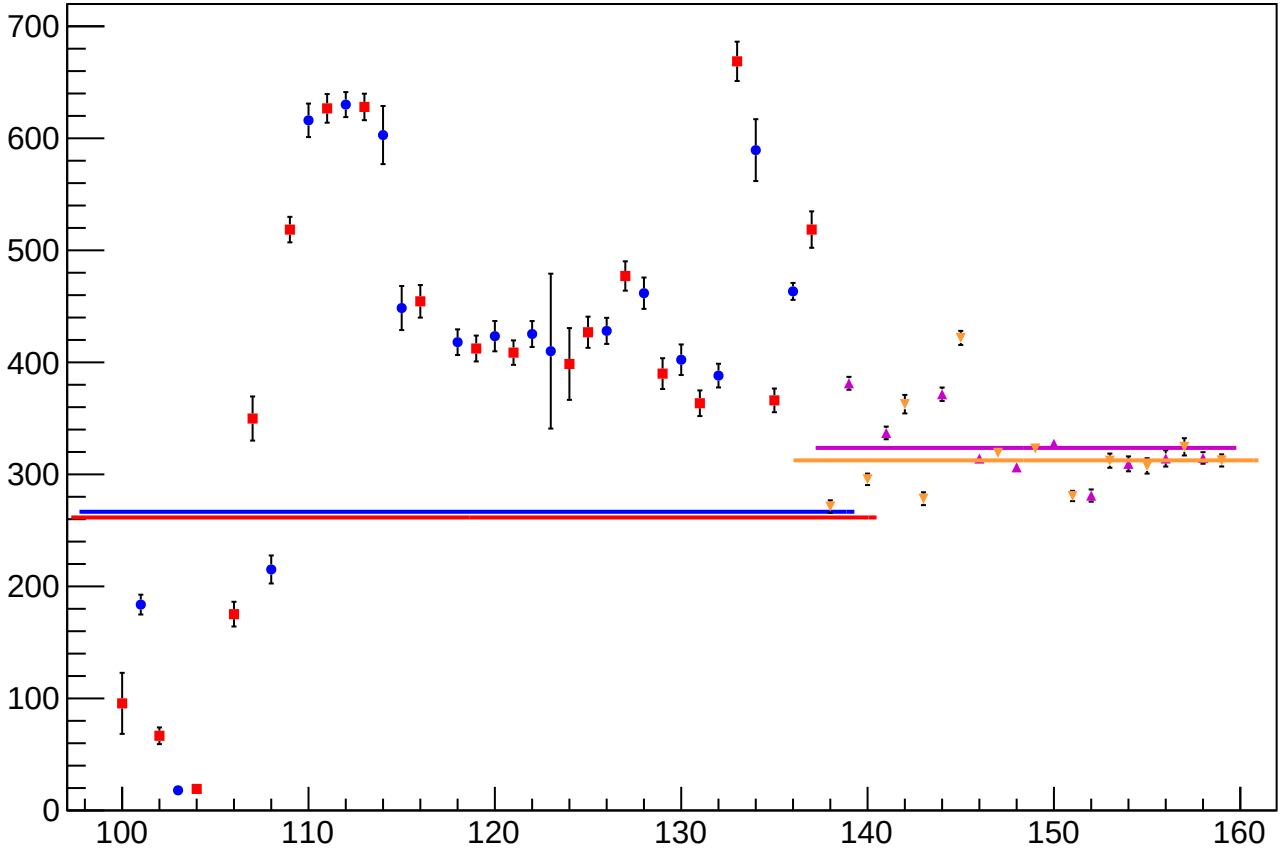
Left In: 14.575+/-1.121 χ^2/NDF:131.4/9

+ sign 5.948+/-0.852 χ^2/NDF: 453.4/28

All: 6.888+/-0.610 χ^2/NDF: 896.6/57

- sign 7.878+/-0.875 χ^2/NDF: 440.7/28

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 312.510+/-1.596 χ^2/NDF:498.5/11

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

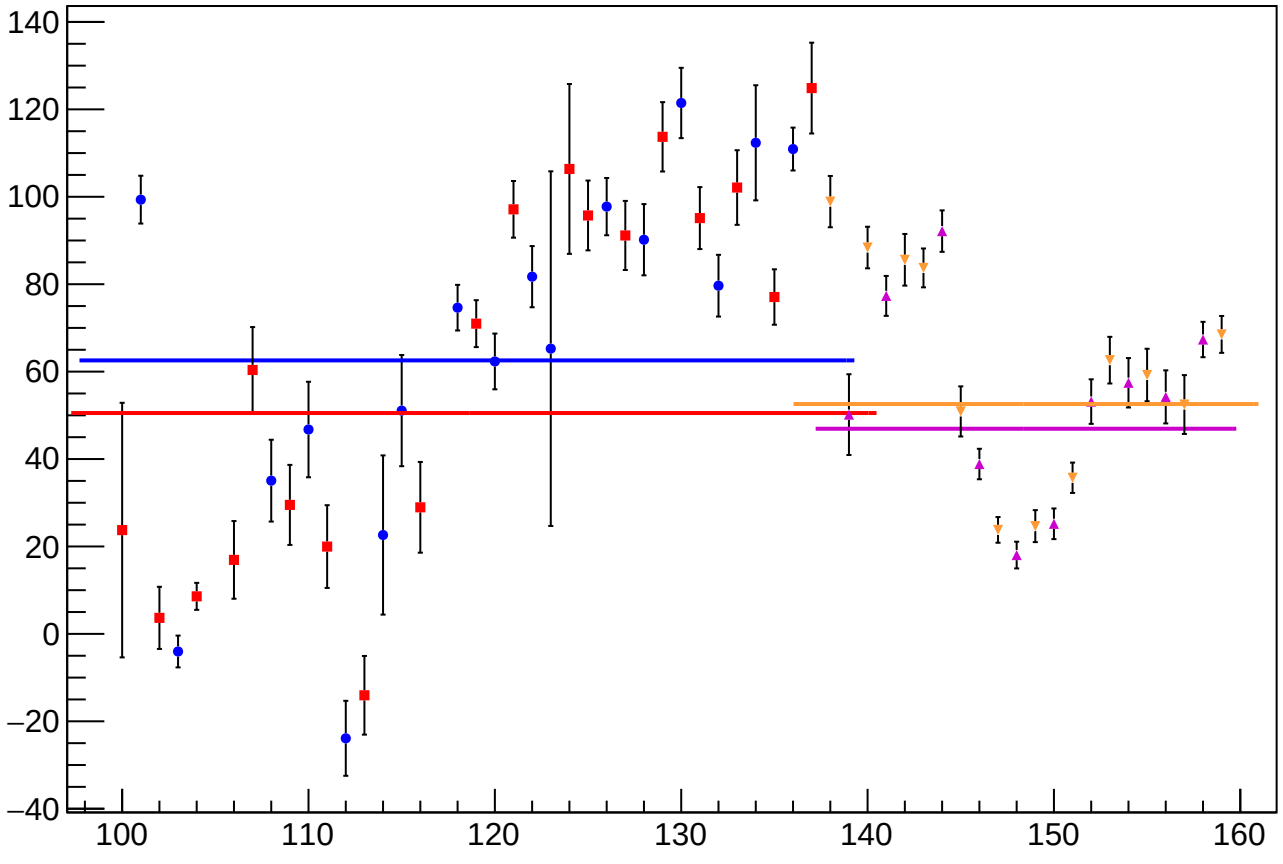
Left In: 323.629+/-1.658 χ^2/NDF:261.2/9

+ sign 299.047+/-1.342 χ^2/NDF: 8403.6/28

All: 301.570+/-0.960 χ^2/NDF: 17318.8/57

- sign 304.217+/-1.374 χ^2/NDF: 8907.9/28

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 52.585+/-1.294 χ^2/NDF:396.3/11

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

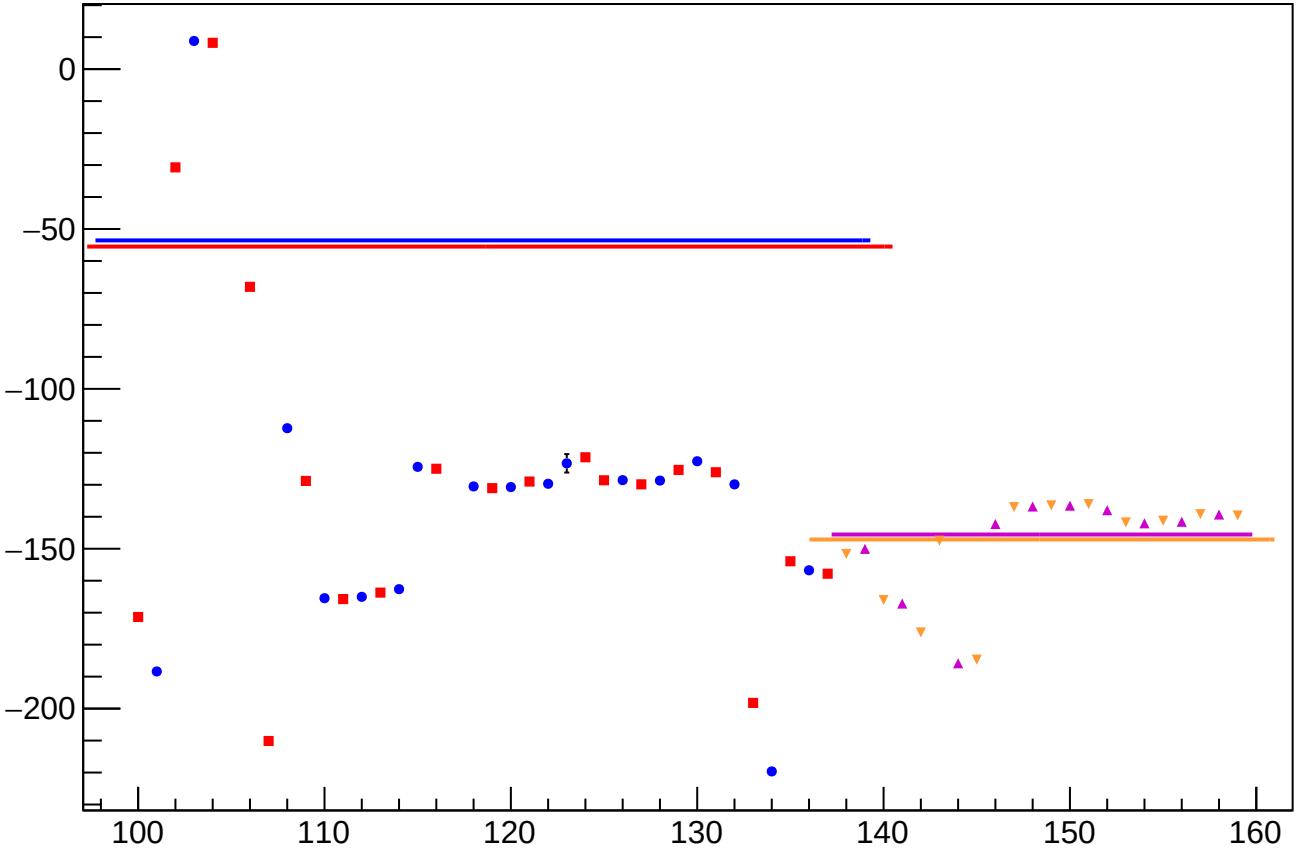
Left In: 46.934+/-1.370 χ^2/NDF:300.2/9

+ sign 56.306+/-1.025 χ^2/NDF: 1140.9/28

All: 52.462+/-0.734 χ^2/NDF: 2129.9/57

- sign 48.407+/-1.052 χ^2/NDF: 960.0/28

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -147.107+/-0.065 χ^2/NDF:50444.0/11

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

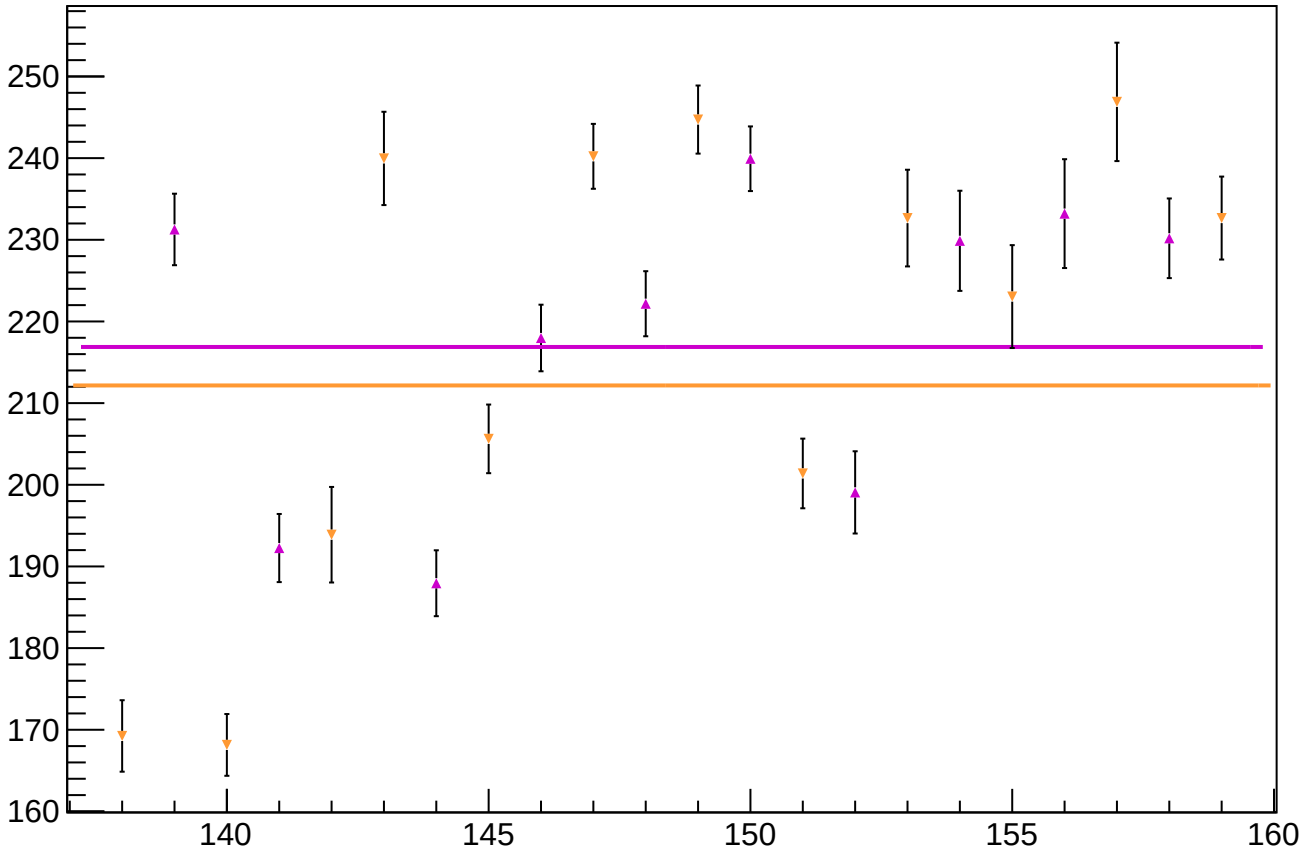
Left In: -145.552+/-0.066 χ^2/NDF:40857.8/9

+ sign -104.327+/-0.048 χ^2/NDF: 2242146.7/28

All: -104.308+/-0.034 χ^2/NDF: 4102287.0/57

- sign -104.288+/-0.049 χ^2/NDF: 1860140.0/28

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 212.164+/-1.379 χ^2/NDF:438.9/11

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

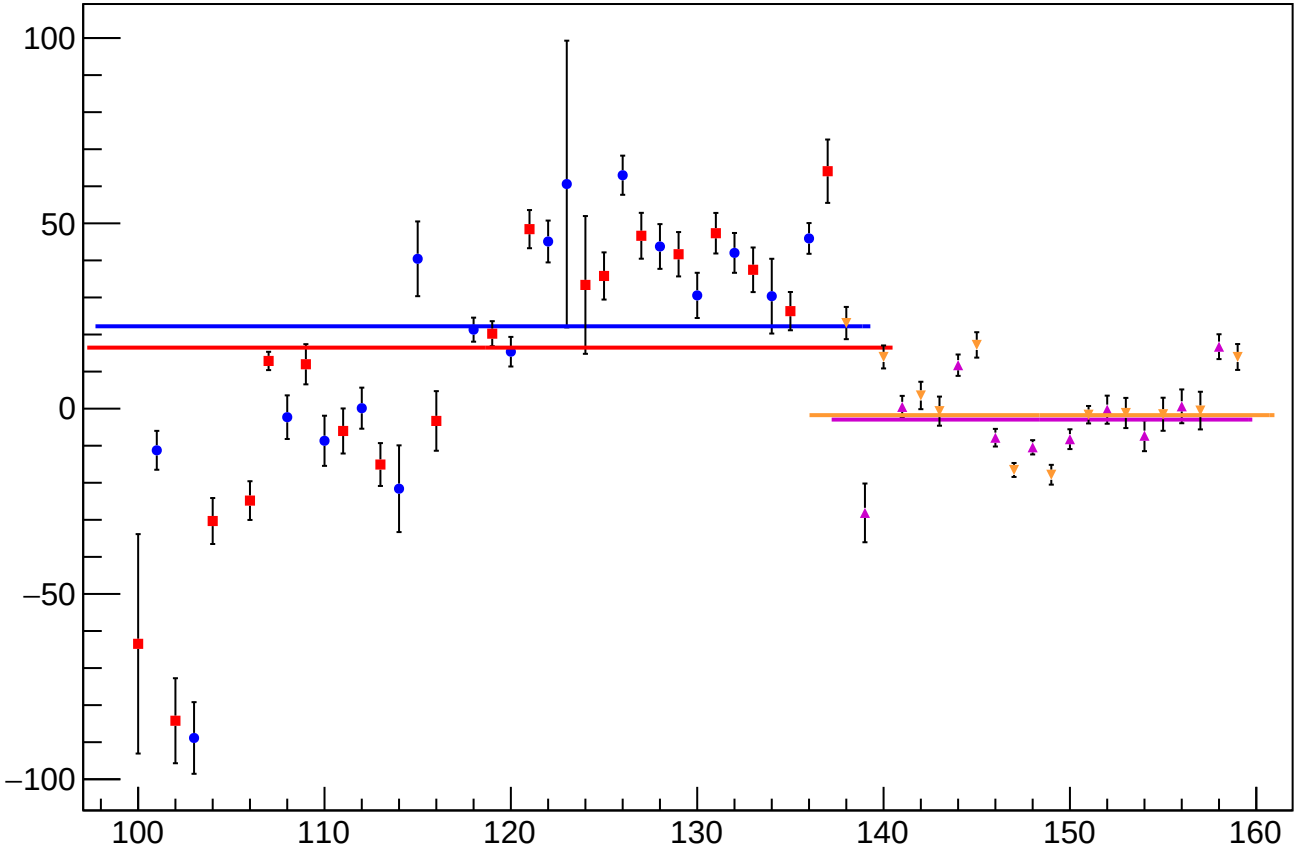
Left In: 216.876+/-1.431 χ^2/NDF:163.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 214.434+/-0.993 χ^2/NDF: 607.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: -1.754+/-0.908 χ^2/NDF:209.2/11

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

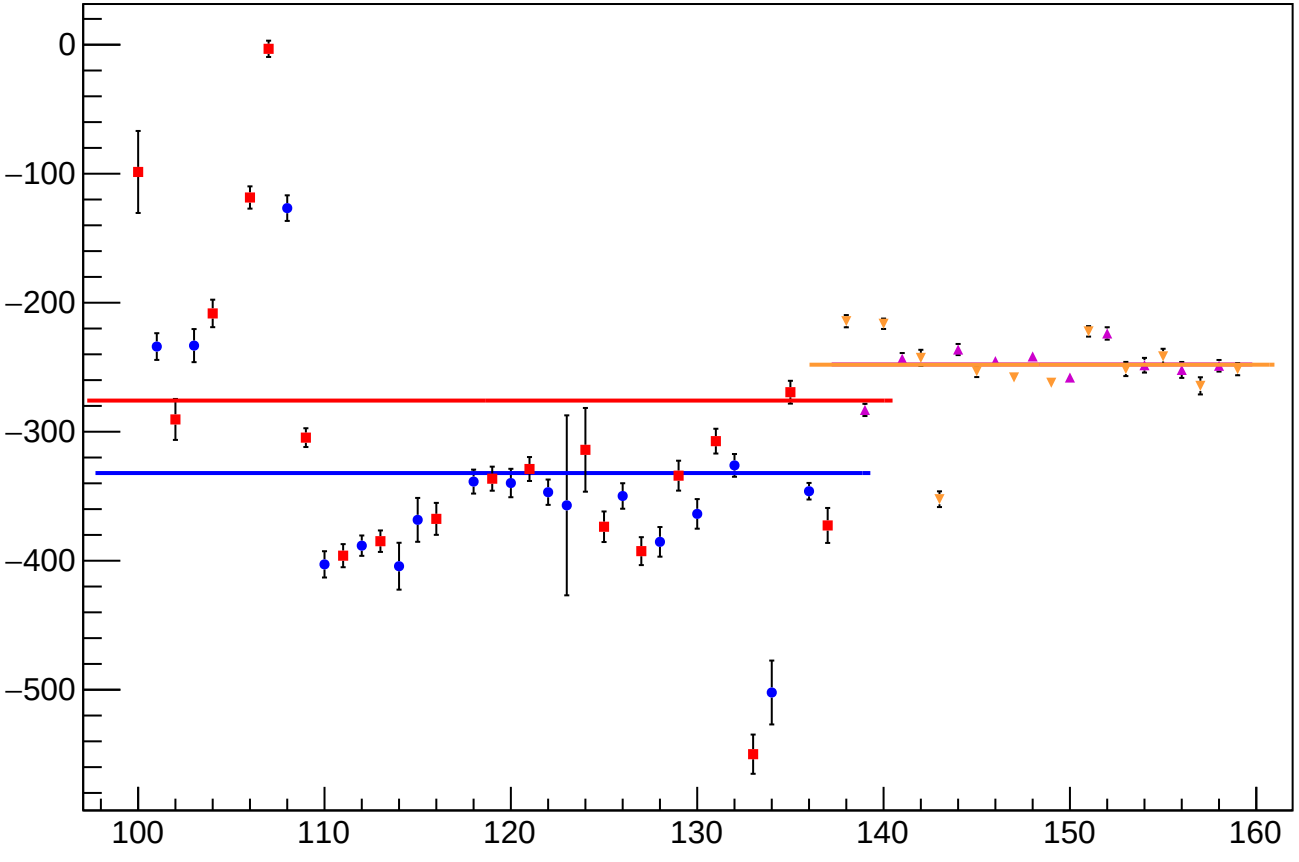
Left In: -2.950+/-0.954 χ^2/NDF:97.2/9

+ sign 5.533+/-0.757 χ^2/NDF: 806.8/28

All: 4.937+/-0.534 χ^2/NDF: 1486.7/57

- sign 4.348+/-0.754 χ^2/NDF: 678.7/28

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -248.041+/-1.364 χ^2/NDF:475.7/11

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

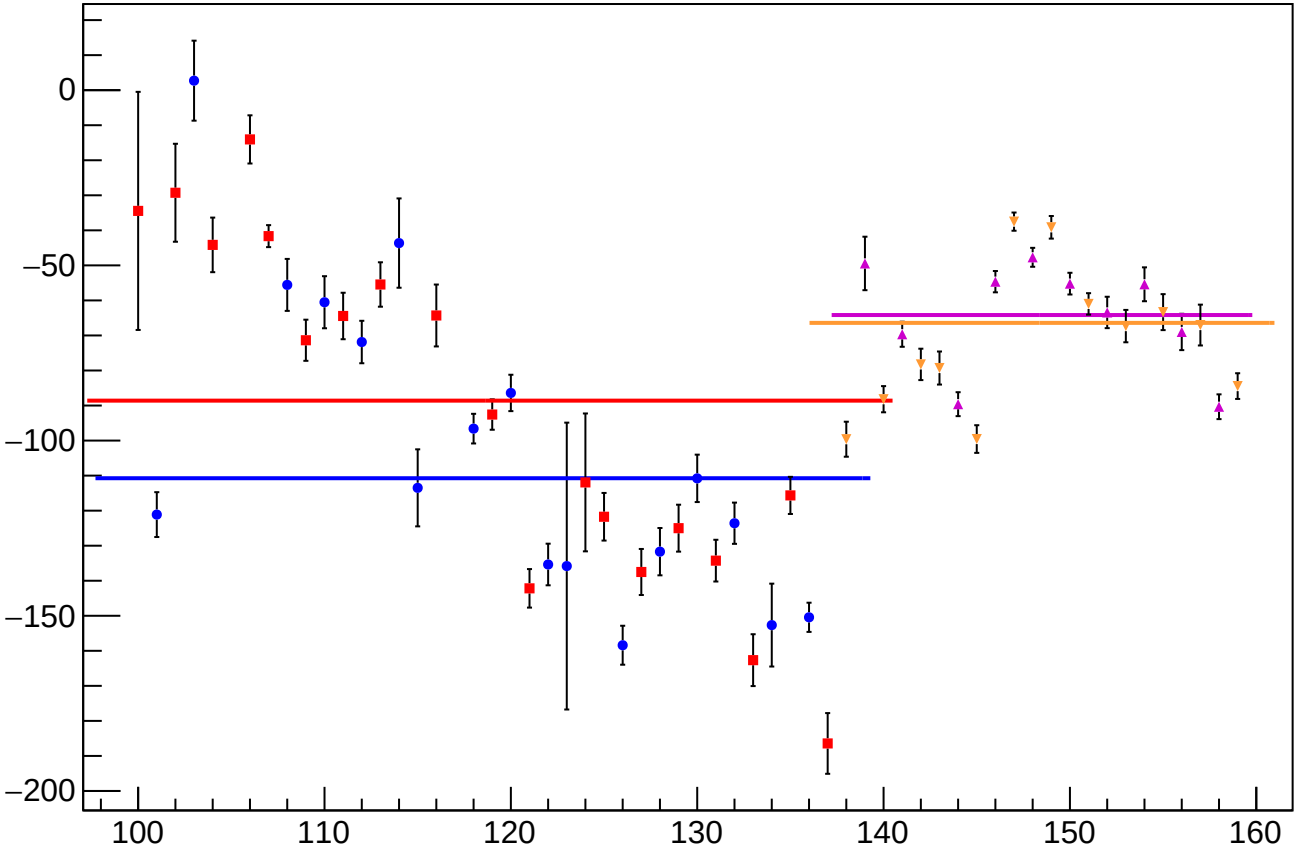
Left In: -247.852+/-1.402 χ^2/NDF:99.6/9

+ sign -266.591+/-1.204 χ^2/NDF: 2098.1/28

All: -260.939+/-0.850 χ^2/NDF: 5711.0/57

- sign -255.320+/-1.200 χ^2/NDF: 3568.9/28

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -66.409+/-1.111 χ^2/NDF:386.0/11

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

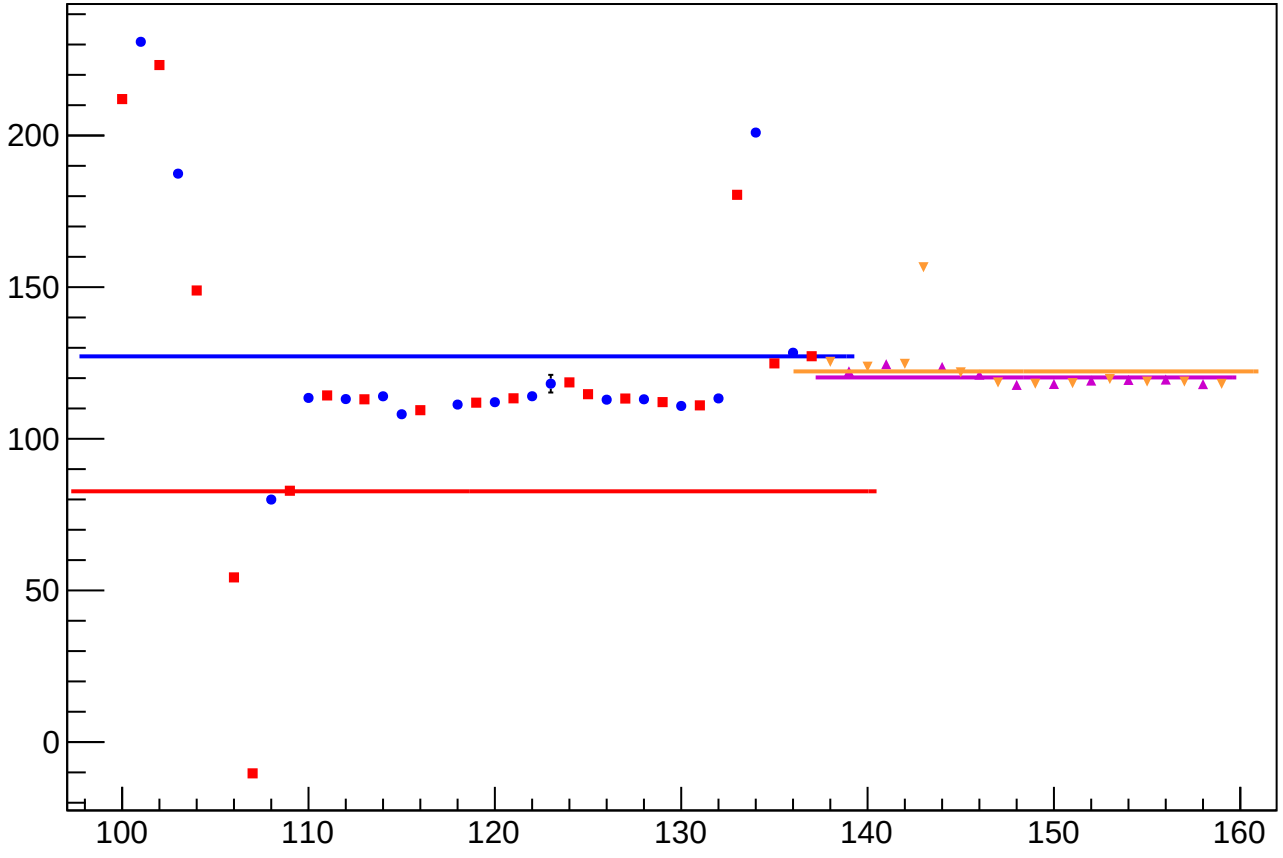
Left In: -64.170+/-1.162 χ^2/NDF:175.9/9

+ sign -81.113+/-0.909 χ^2/NDF: 1427.3/28

All: -77.462+/-0.641 χ^2/NDF: 2780.1/57

- sign -73.854+/-0.903 χ^2/NDF: 1320.7/28

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 122.220+/-0.055 χ^2/NDF:22876.9/11

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

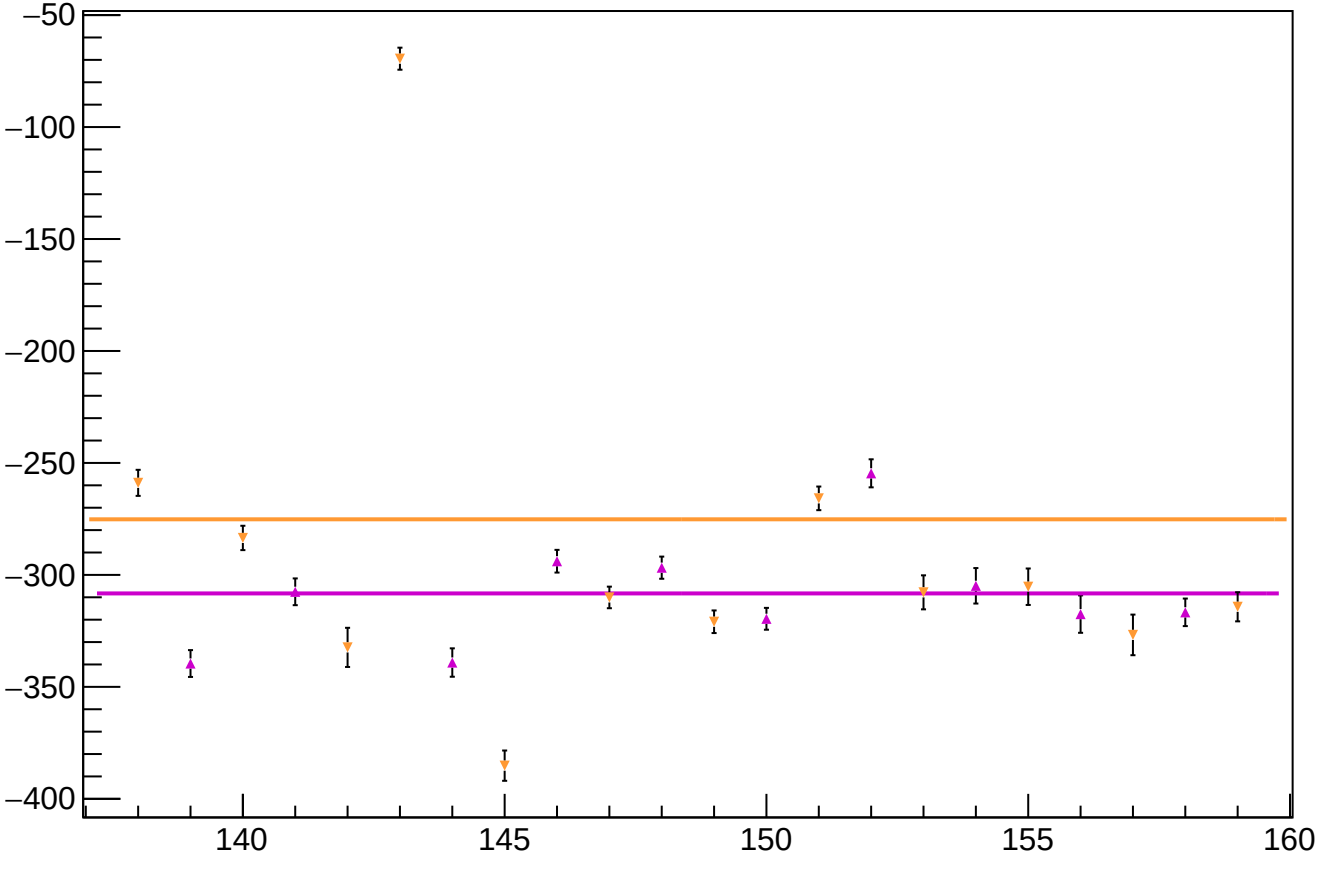
Left In: 120.231+/-0.056 χ^2/NDF:1769.0/9

+ sign 123.591+/-0.047 χ^2/NDF: 213172.8/28

All: 114.886+/-0.032 χ^2/NDF: 1207246.5/57

- sign 106.873+/-0.045 χ^2/NDF: 927660.7/28

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -275.175+/-1.751 χ^2/NDF:2301.2/11

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

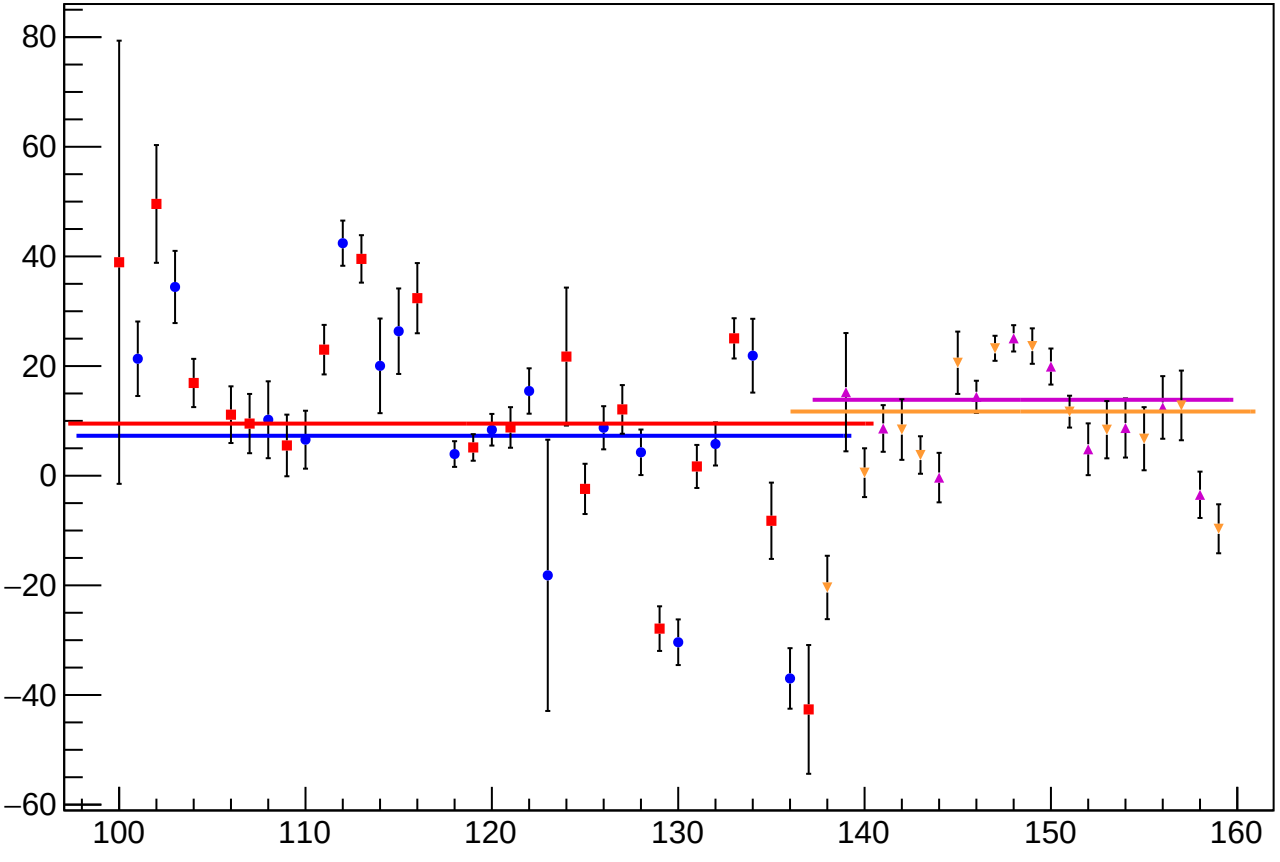
Left In: -308.271+/-1.874 χ^2/NDF:146.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -290.604+/-1.280 χ^2/NDF: 2614.1/21

- 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: 11.710+/-1.135 χ^2/NDF:108.5/11

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

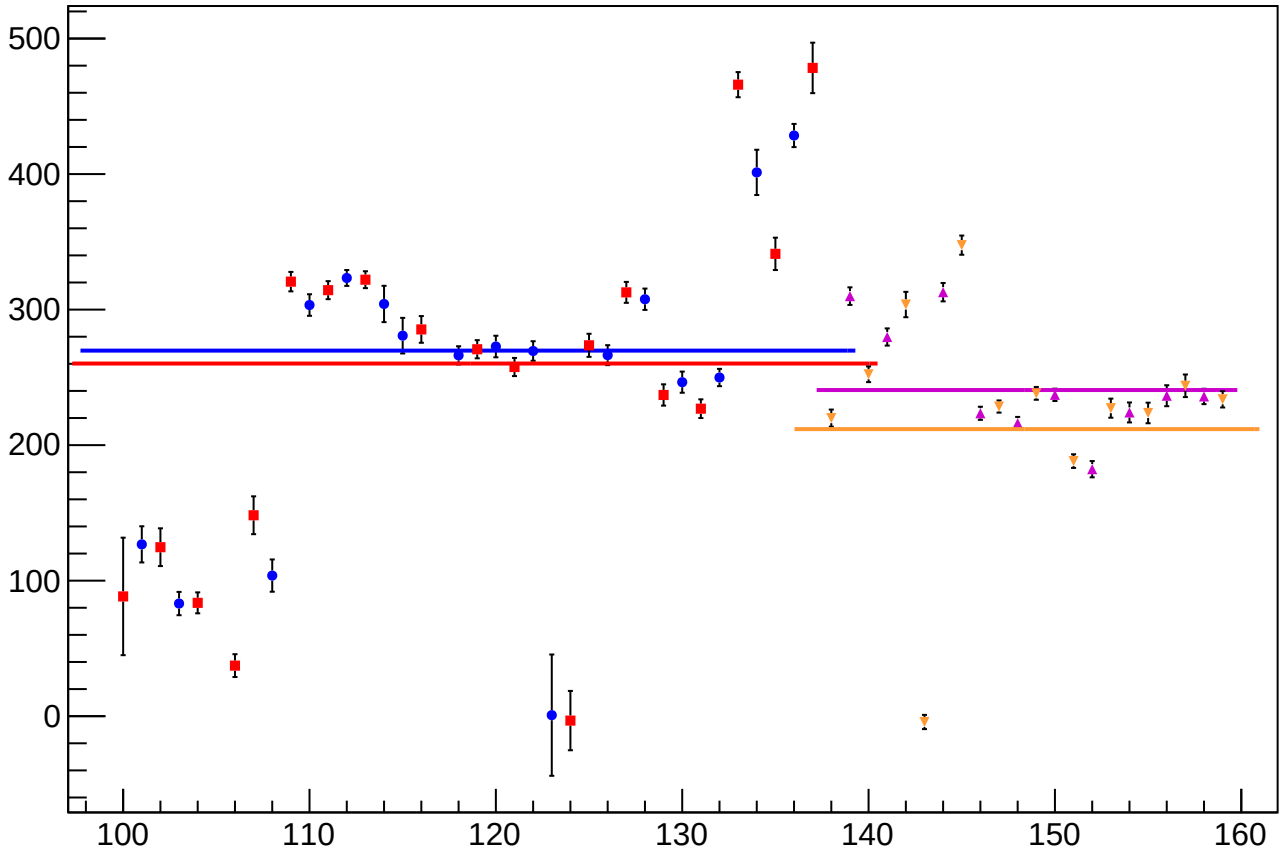
Left In: 13.849+/-1.230 χ^2/NDF:58.1/9

+ sign 9.395+/-0.784 χ^2/NDF: 377.5/28

All: 10.358+/-0.563 χ^2/NDF: 677.3/57

- sign 11.384+/-0.809 χ^2/NDF: 296.7/28

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 211.820+/-1.726 χ^2/NDF:2307.1/11

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

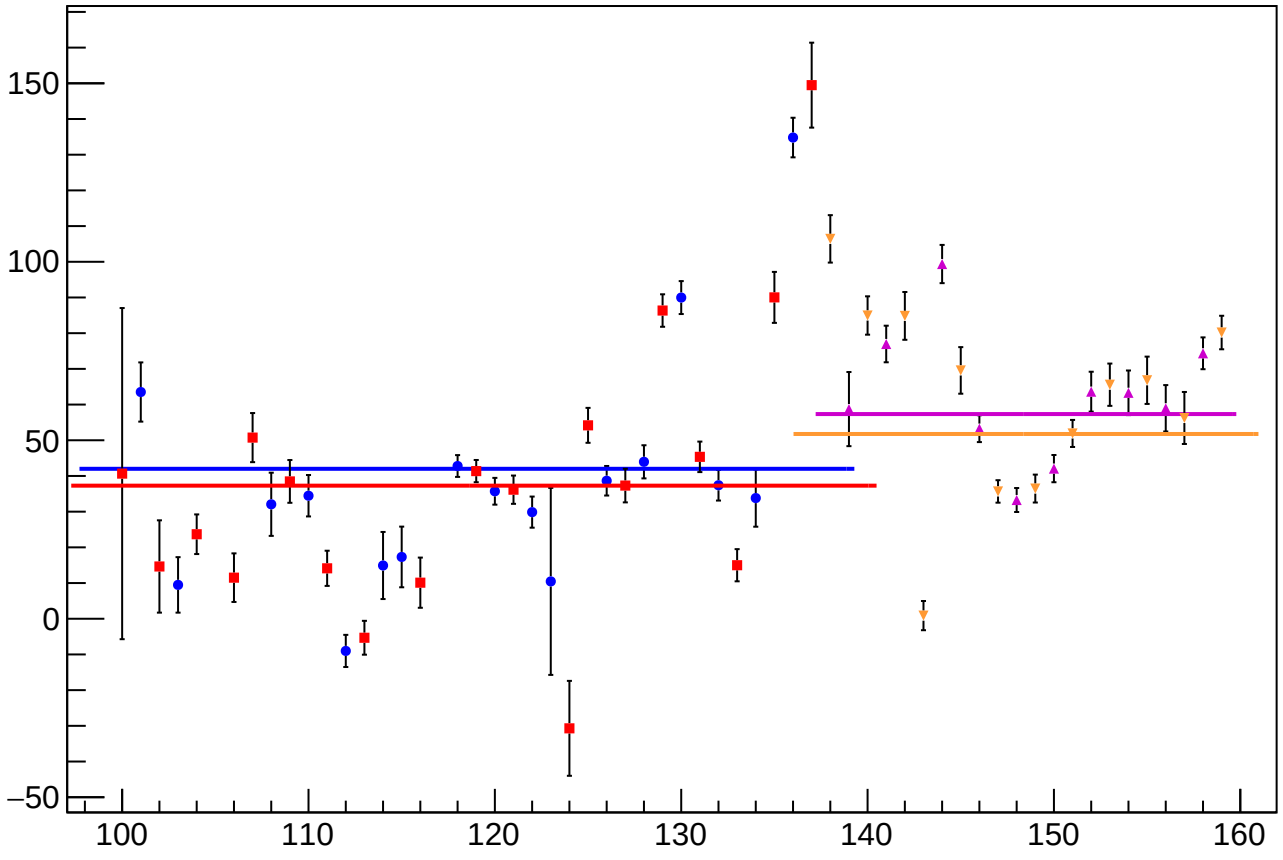
Left In: 240.652+/-1.821 χ^2/NDF:407.1/9

+ sign 235.558+/-1.326 χ^2/NDF: 4142.8/28

All: 242.519+/-0.942 χ^2/NDF: 7200.0/57

- sign 249.626+/-1.340 χ^2/NDF: 3001.5/28

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 51.760+/-1.394 χ^2/NDF:381.5/11

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

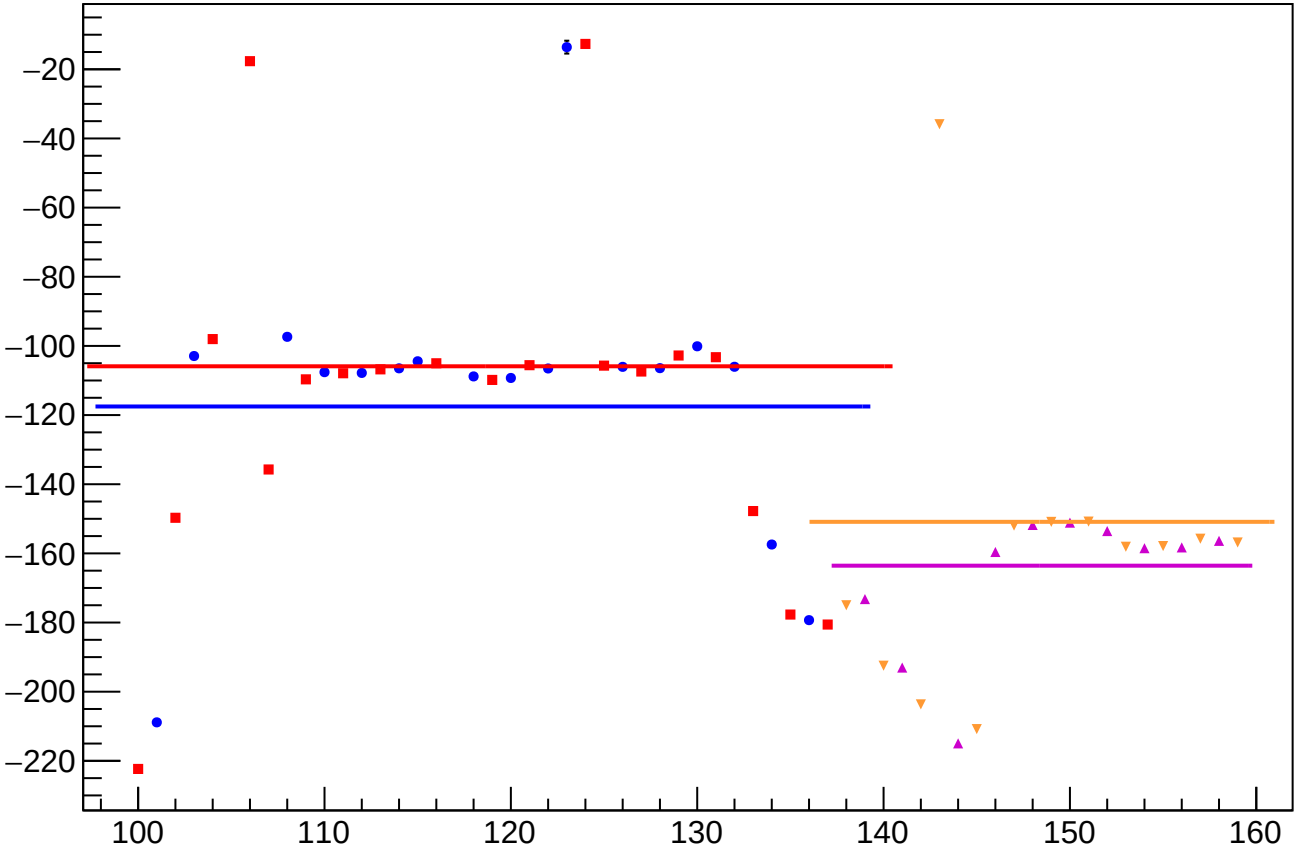
Left In: 57.342+/-1.504 χ^2/NDF:161.7/9

+ sign 46.373+/-0.933 χ^2/NDF: 984.0/28

All: 45.887+/-0.668 χ^2/NDF: 1725.0/57

- sign 45.377+/-0.955 χ^2/NDF: 740.4/28

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -150.875+/-0.070 χ^2/NDF:403223.4/11

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

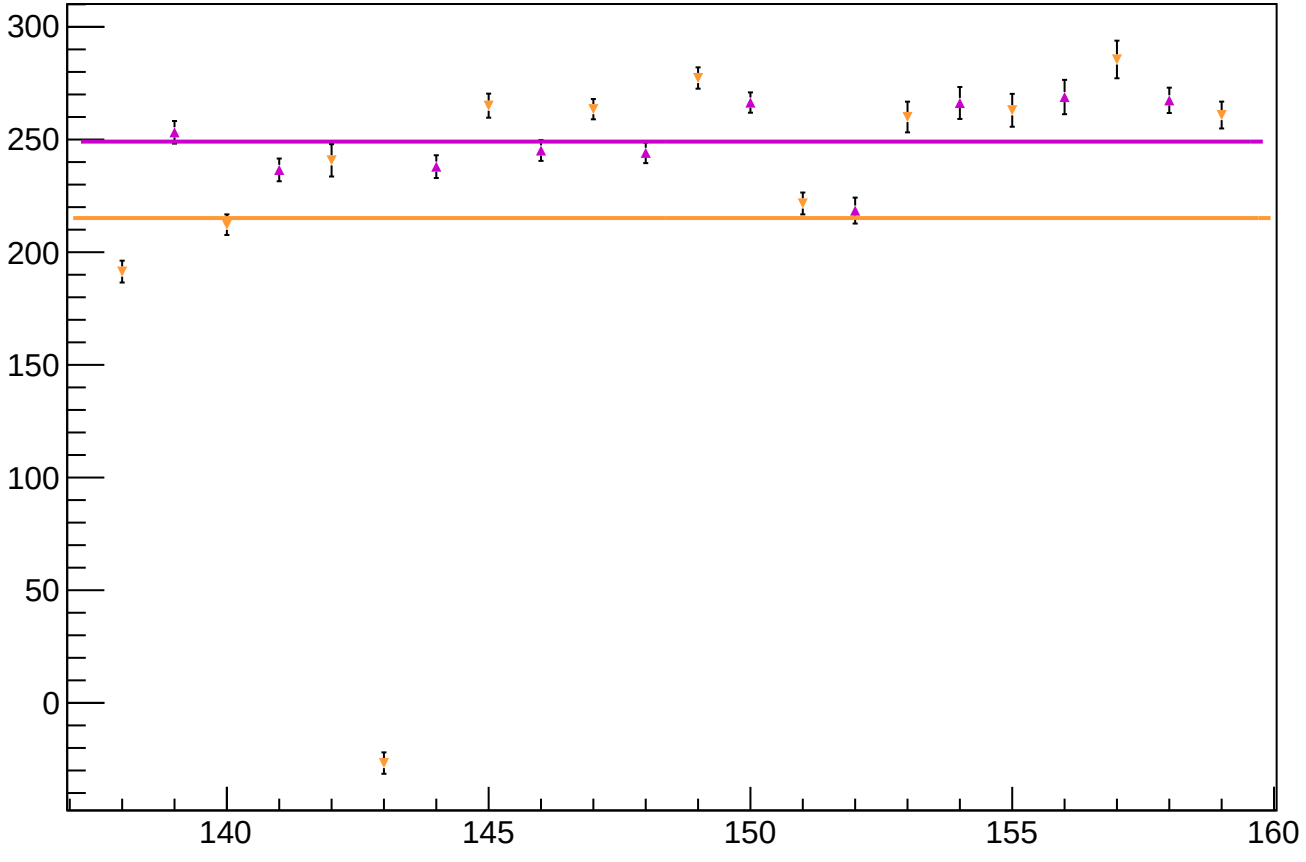
Left In: -163.557+/-0.073 χ^2/NDF:56589.5/9

+ sign -136.036+/-0.052 χ^2/NDF: 646784.4/28

All: -135.391+/-0.037 χ^2/NDF: 1342089.5/57

- sign -134.761+/-0.051 χ^2/NDF: 695000.9/28

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 215.155+/-1.564 χ^2/NDF:3218.5/11

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

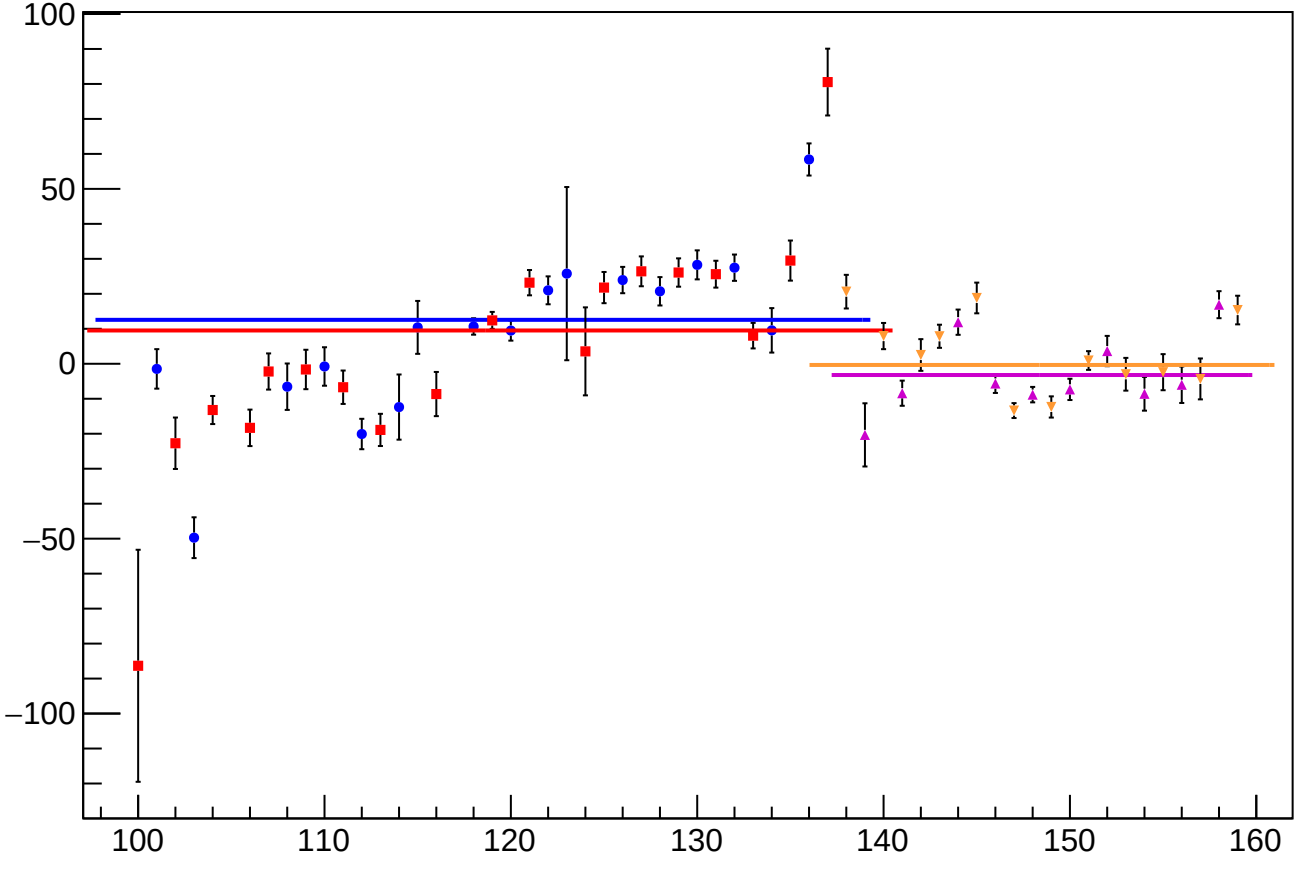
Left In: 249.084+/-1.663 χ^2/NDF:79.9/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 231.076+/-1.140 χ^2/NDF: 3519.2/21

- 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: -0.339+/-1.028 χ^2/NDF:118.4/11

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

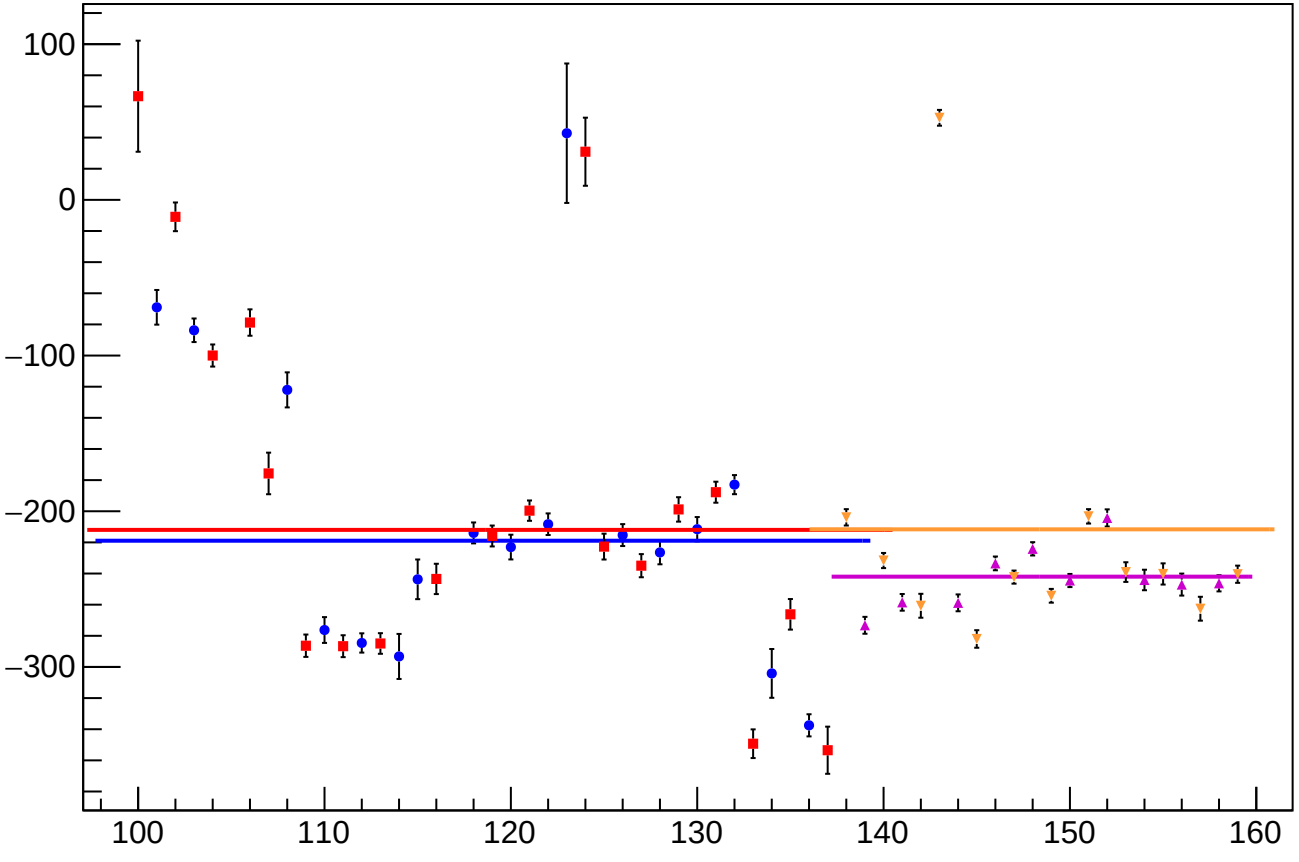
Left In: -3.215+/-1.106 χ^2/NDF:63.4/9

+ sign 5.937+/-0.736 χ^2/NDF: 542.8/28

All: 4.751+/-0.529 χ^2/NDF: 977.5/57

- sign 3.482+/-0.762 χ^2/NDF: 429.3/28

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -211.618+/-1.549 χ^2/NDF:3186.0/11

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

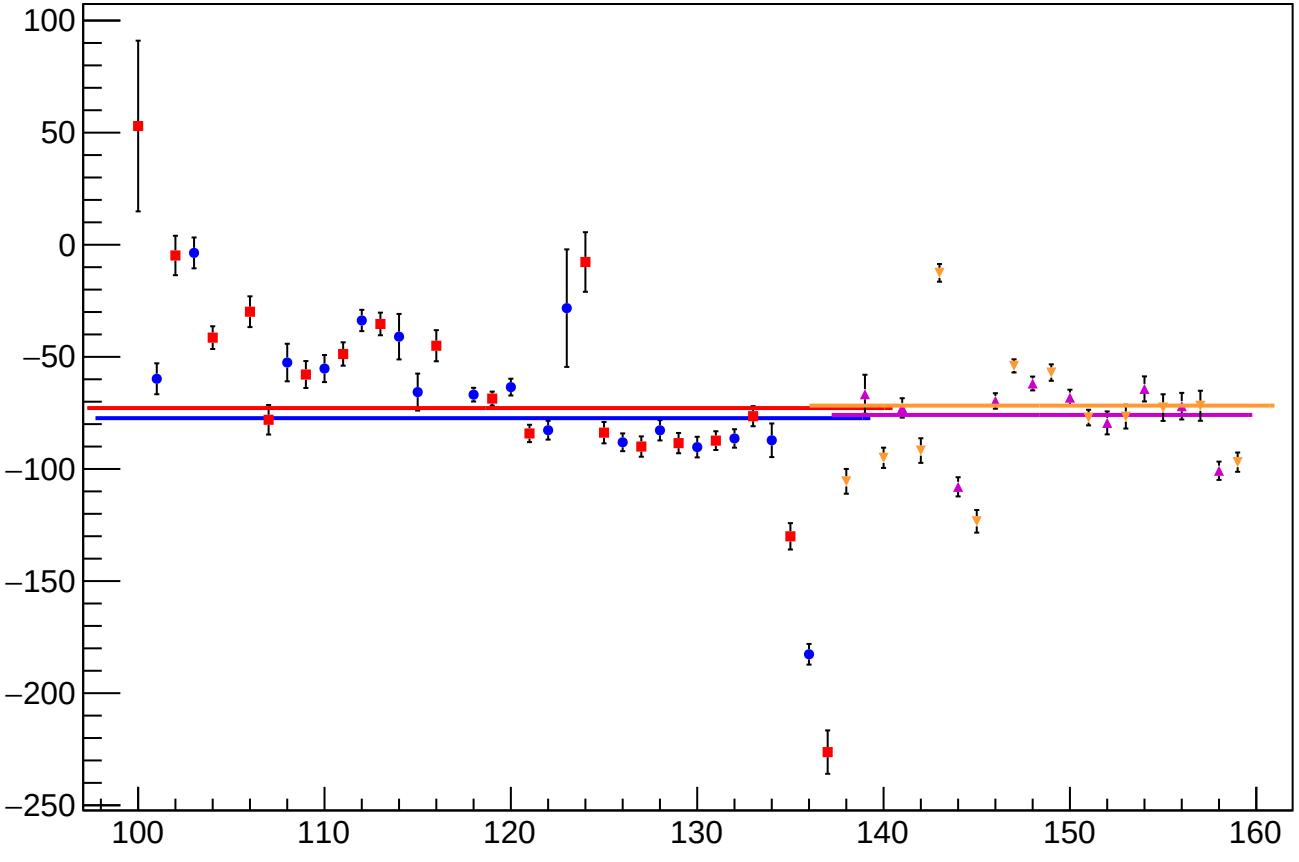
Left In: -242.010+/-1.626 χ^2/NDF:122.1/9

+ sign -214.348+/-1.226 χ^2/NDF: 4341.0/28

All: -221.826+/-0.873 χ^2/NDF: 6566.8/57

- sign -229.499+/-1.242 χ^2/NDF: 2150.4/28

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -71.738+/-1.259 χ^2/NDF:496.3/11

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

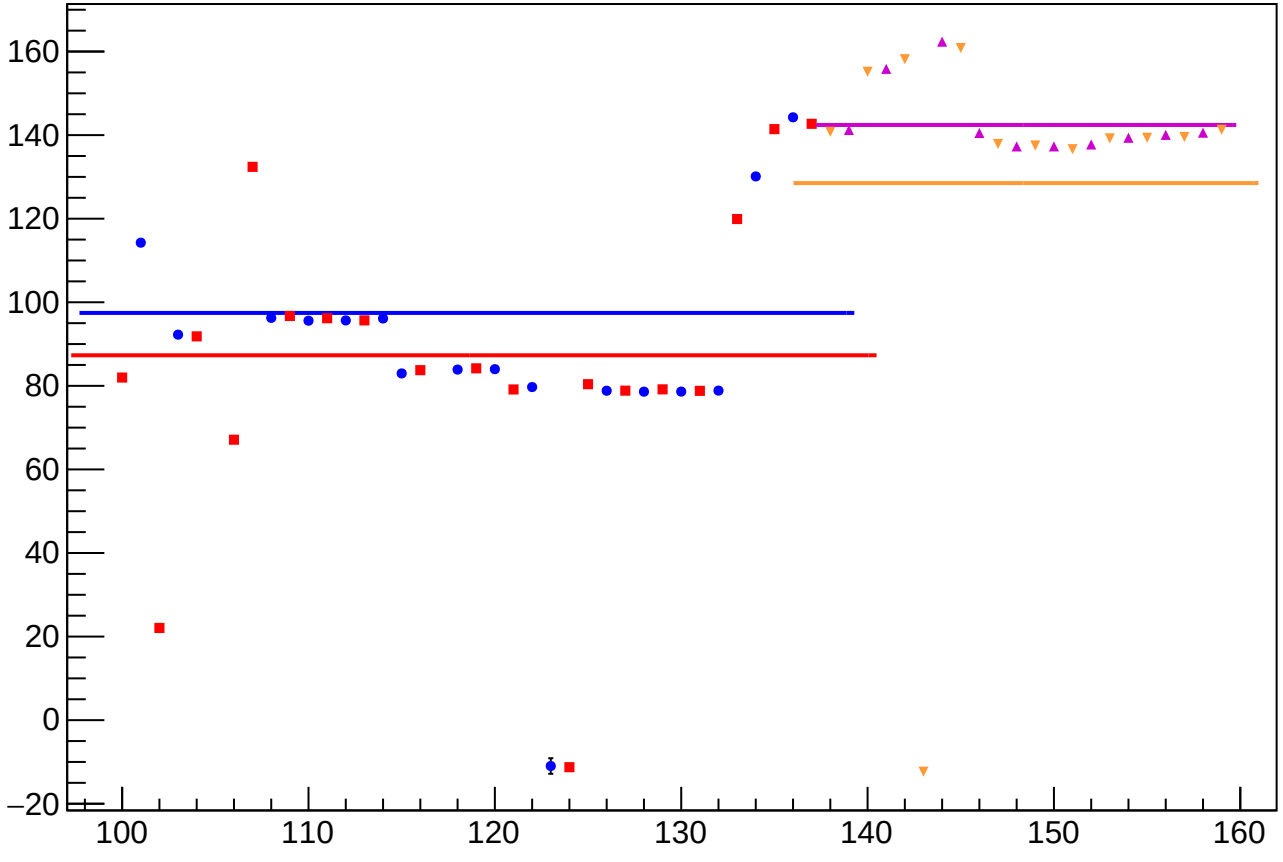
Left In: -75.910+/-1.349 χ^2/NDF:129.1/9

+ sign -74.630+/-0.876 χ^2/NDF: 1323.7/28

All: -74.423+/-0.628 χ^2/NDF: 2128.7/57

- sign -74.204+/-0.900 χ^2/NDF: 804.8/28

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 128.524+/-0.063 χ^2/NDF:547016.2/11

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

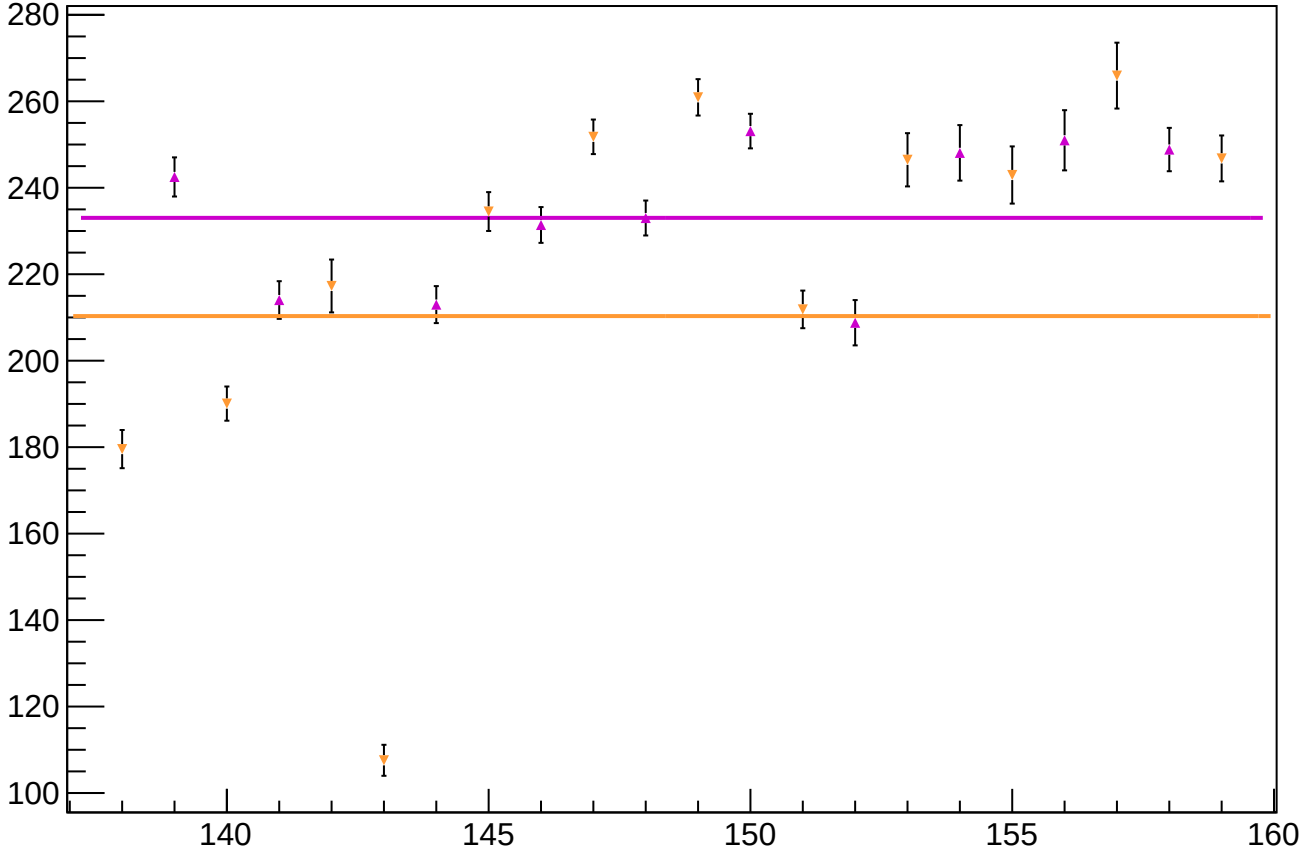
Left In: 142.427+/-0.065 χ^2/NDF:13501.8/9

+ sign 115.423+/-0.048 χ^2/NDF: 745518.6/28

All: 115.858+/-0.033 χ^2/NDF: 1323863.8/57

- sign 116.284+/-0.047 χ^2/NDF: 578179.3/28

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: 210.319+/-1.357 χ^2/NDF:1338.0/11

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

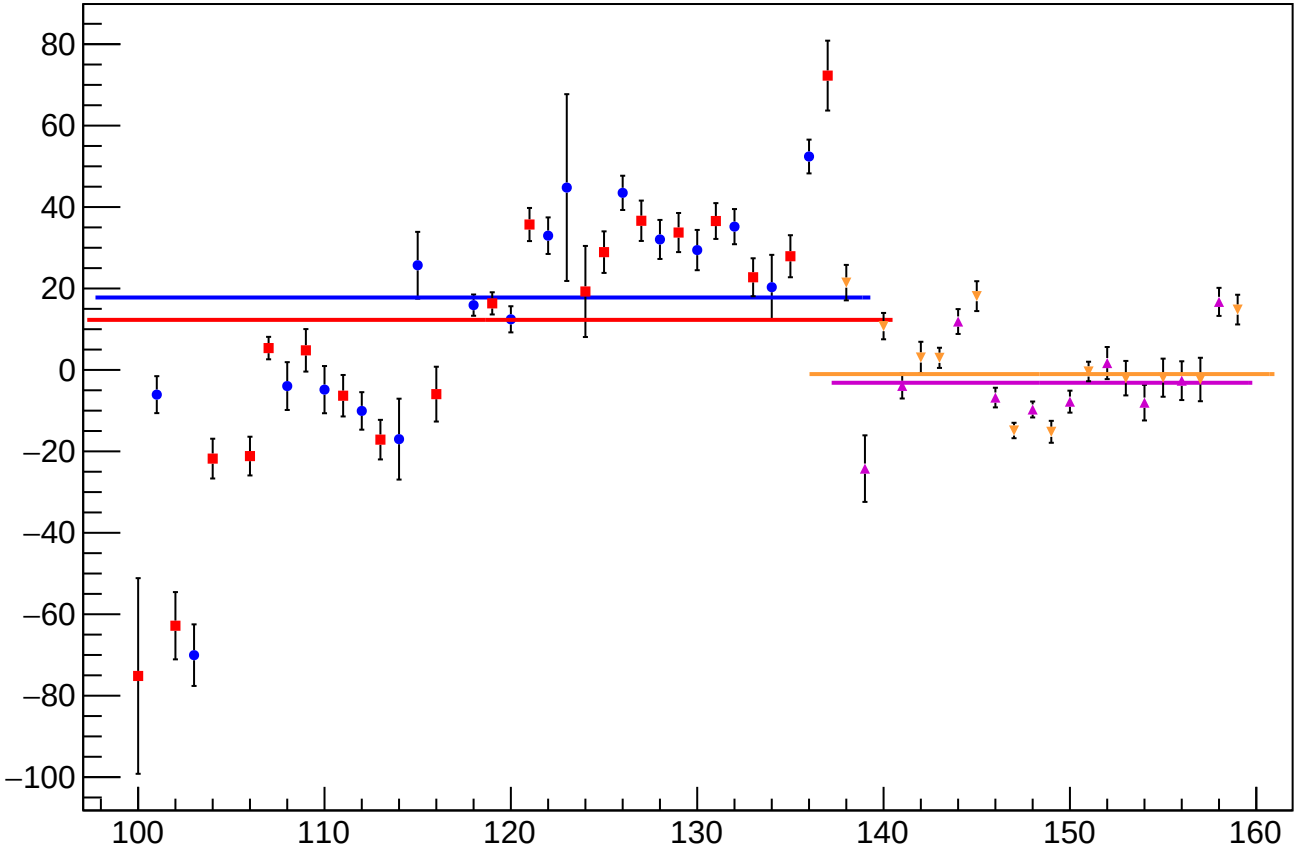
Left In: 233.038+/-1.475 χ^2/NDF:114.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 220.730+/-0.999 χ^2/NDF: 1580.7/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: -1.021+/-0.893 χ^2/NDF:171.1/11

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

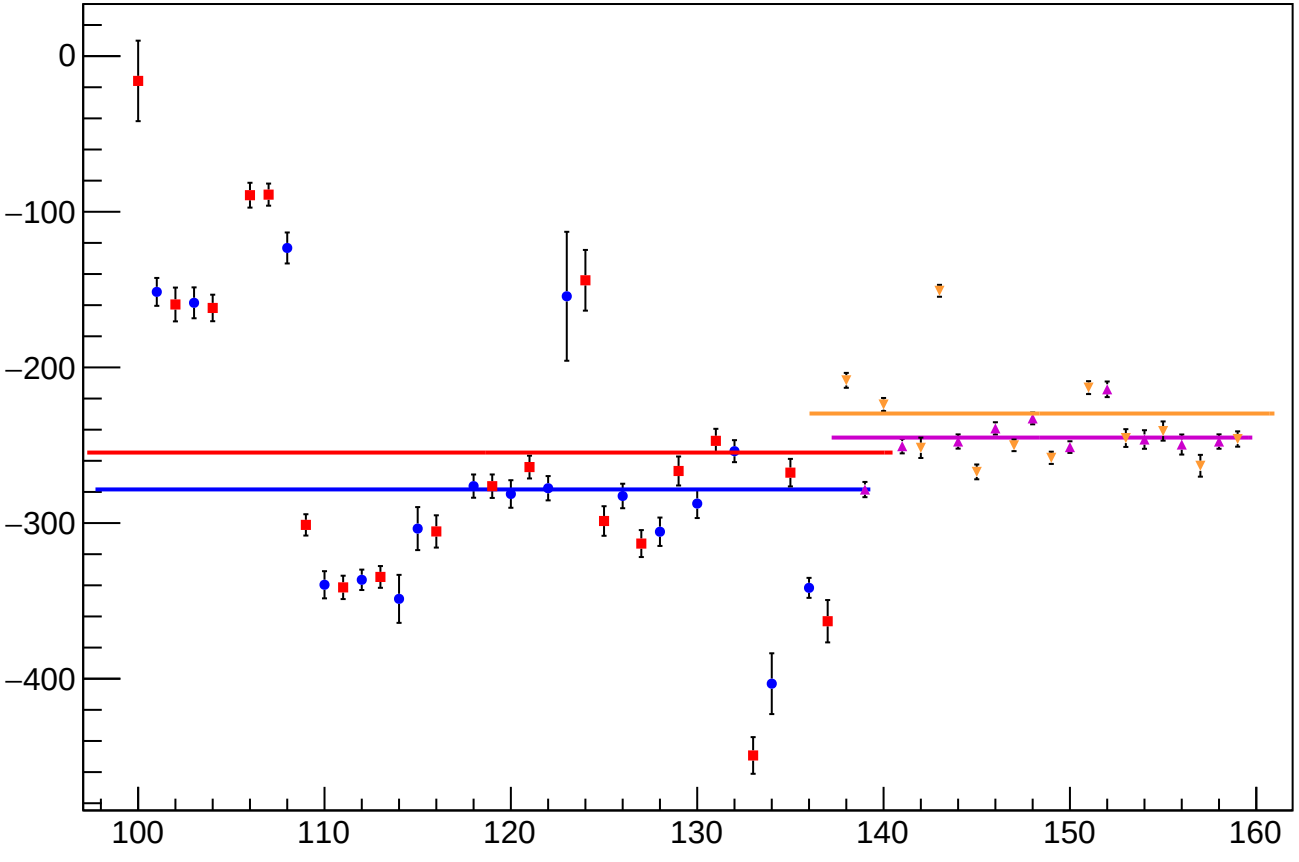
Left In: -3.154+/-0.980 χ^2/NDF:83.5/9

+ sign 6.078+/-0.704 χ^2/NDF: 733.7/28

All: 4.966+/-0.506 χ^2/NDF: 1377.6/57

- sign 3.780+/-0.728 χ^2/NDF: 638.7/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -229.626+/-1.350 χ^2/NDF:663.0/11

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

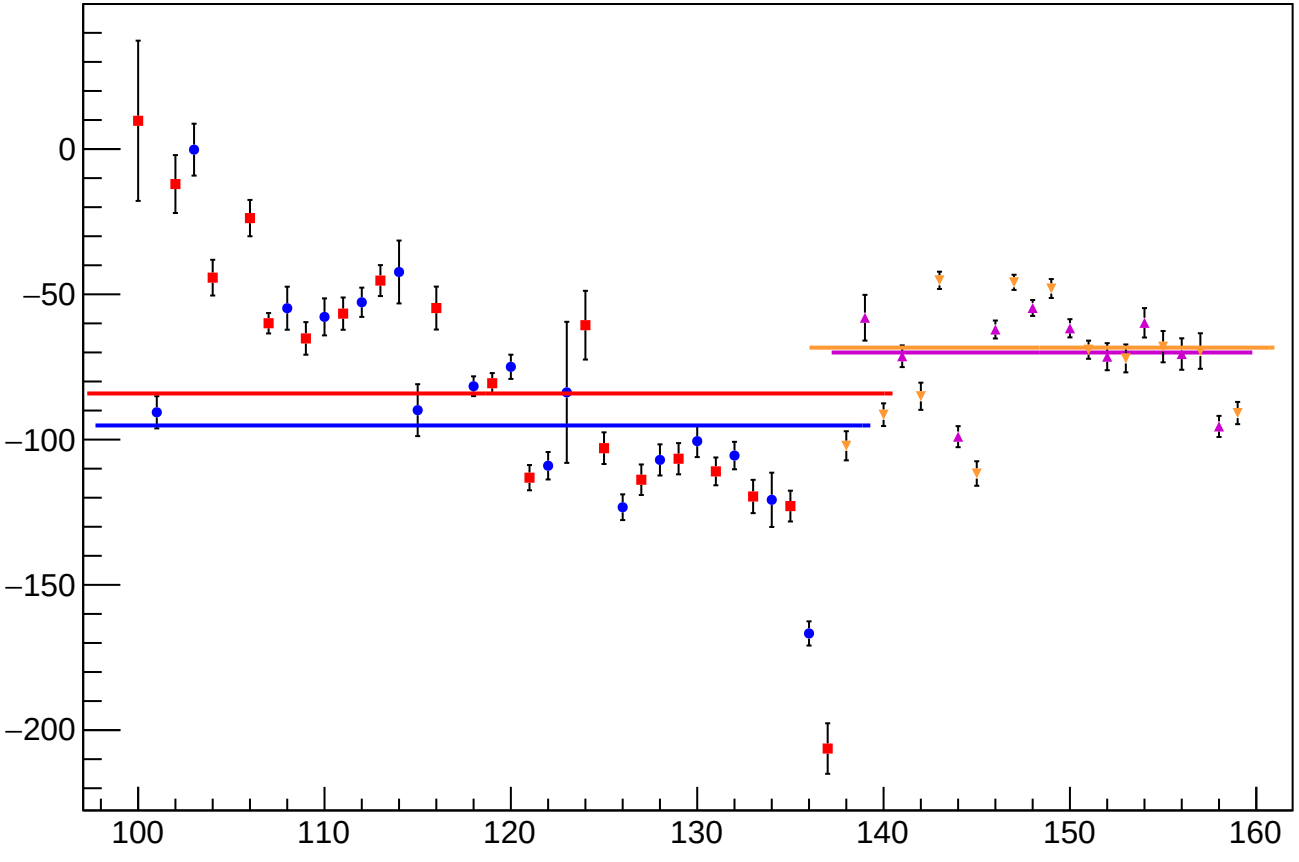
Left In: -245.072+/-1.444 χ^2/NDF:102.7/9

+ sign -243.251+/-1.146 χ^2/NDF: 1938.3/28

All: -245.726+/-0.820 χ^2/NDF: 4104.1/57

- sign -248.329+/-1.175 χ^2/NDF: 2156.2/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -68.340+/-1.093 χ^2/NDF:407.7/11

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

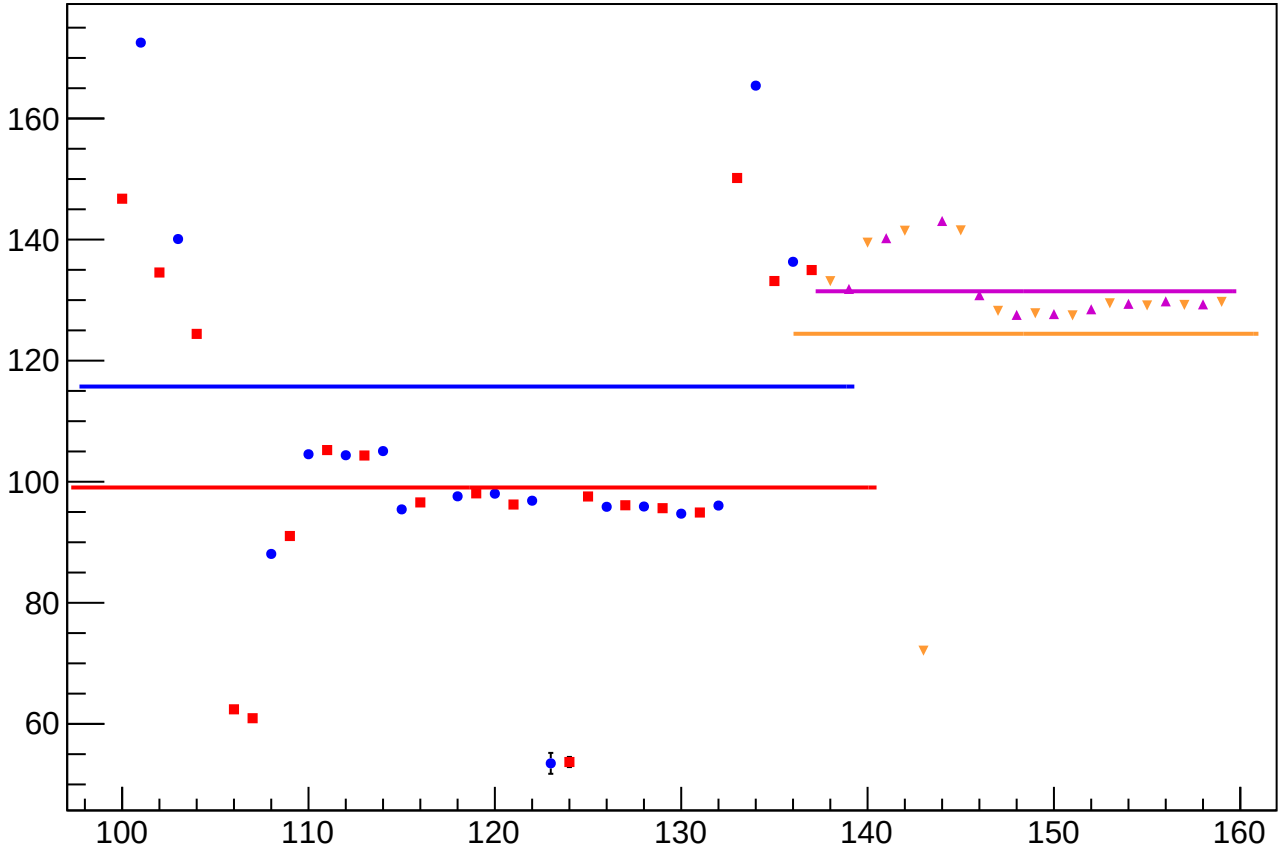
Left In: -70.023+/-1.196 χ^2/NDF:164.7/9

+ sign -79.217+/-0.843 χ^2/NDF: 1326.5/28

All: -78.000+/-0.604 χ^2/NDF: 2344.4/57

- sign -76.713+/-0.867 χ^2/NDF: 1013.6/28

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: 124.440+/-0.055 χ^2/NDF:141235.1/11

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

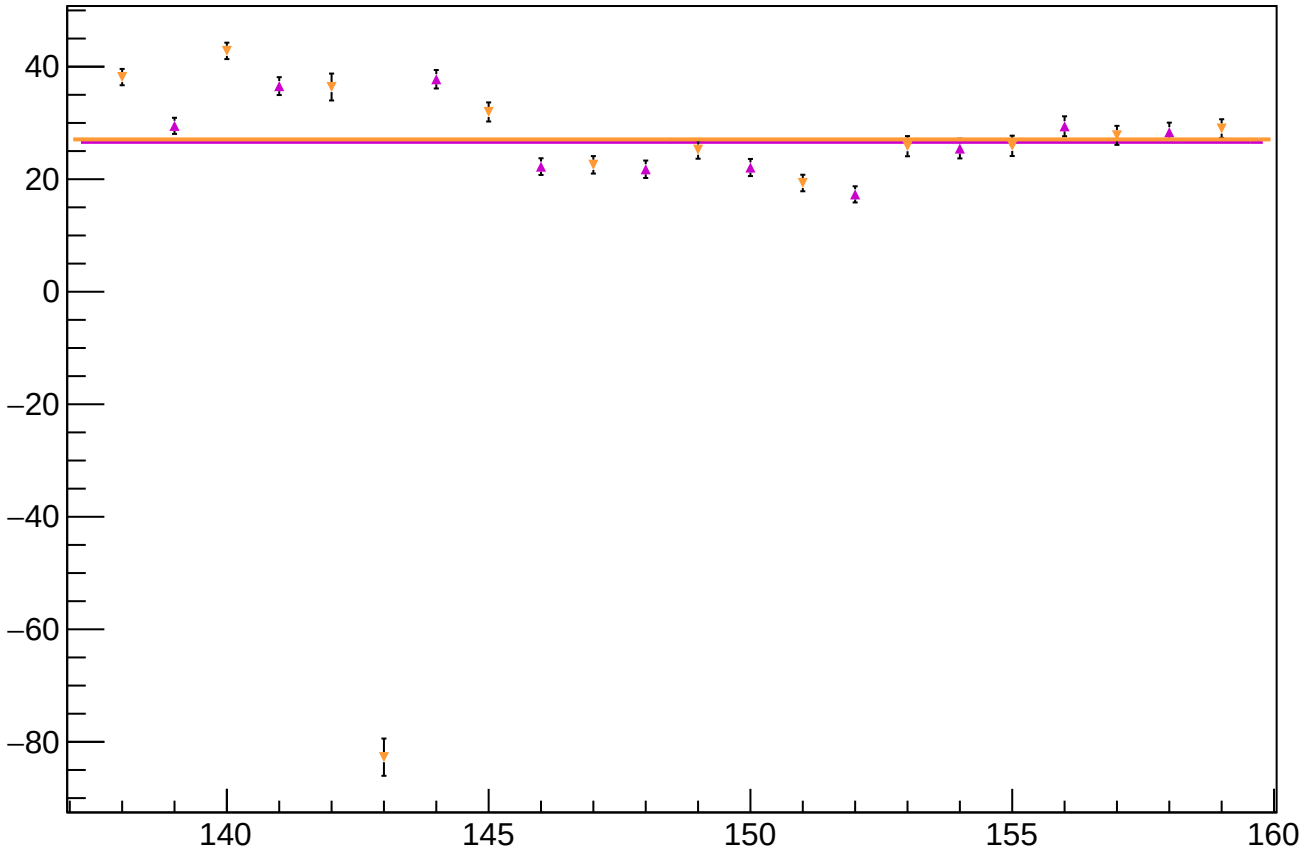
Left In: 131.459+/-0.058 χ^2/NDF:7272.0/9

+ sign 121.574+/-0.045 χ^2/NDF: 256008.8/28

All: 119.766+/-0.031 χ^2/NDF: 570884.0/57

- sign 118.004+/-0.044 χ^2/NDF: 311647.9/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 27.076+/-0.491 χ^2/NDF:1337.9/11

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

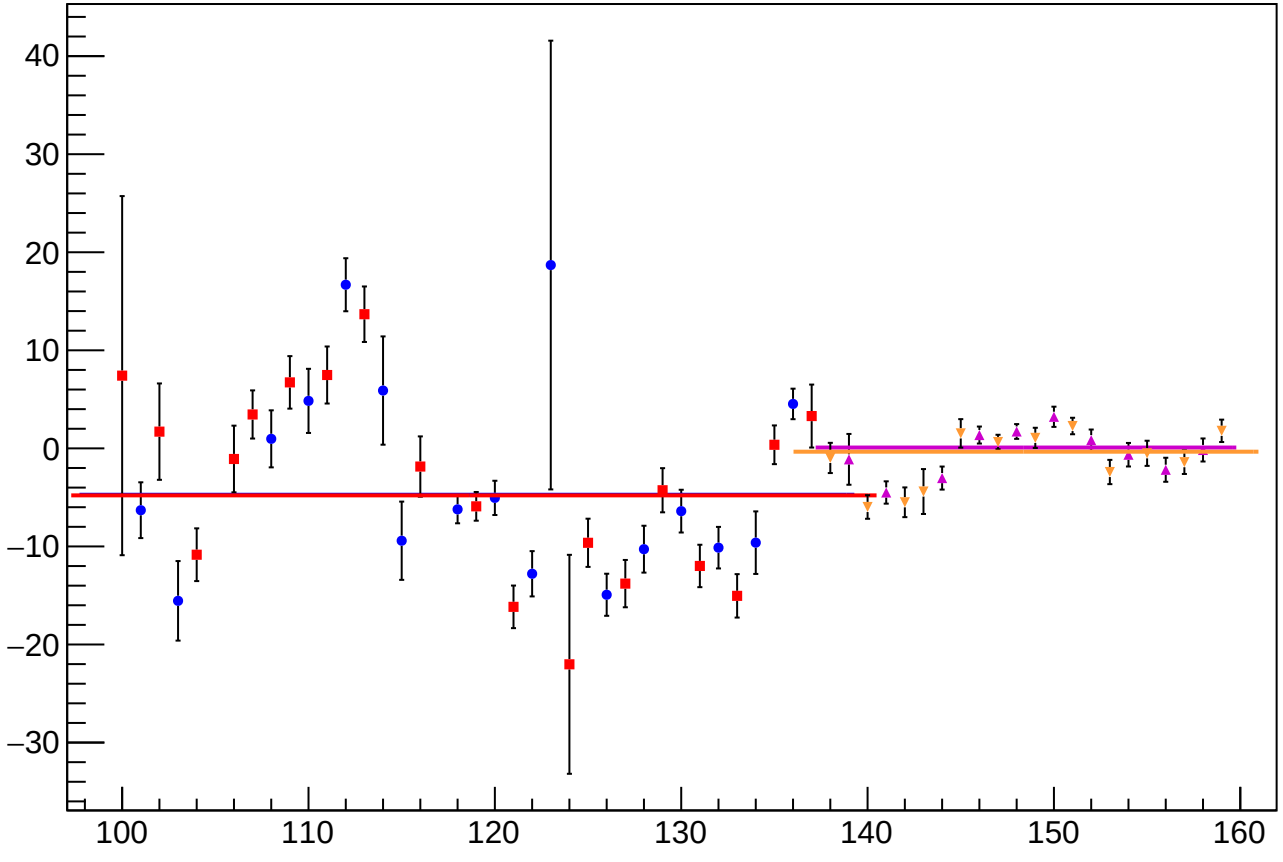
Left In: 26.642+/-0.498 χ^2/NDF:162.6/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.862+/-0.350 χ^2/NDF: 1500.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -0.339+/-0.331 χ^2/NDF:58.9/11

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

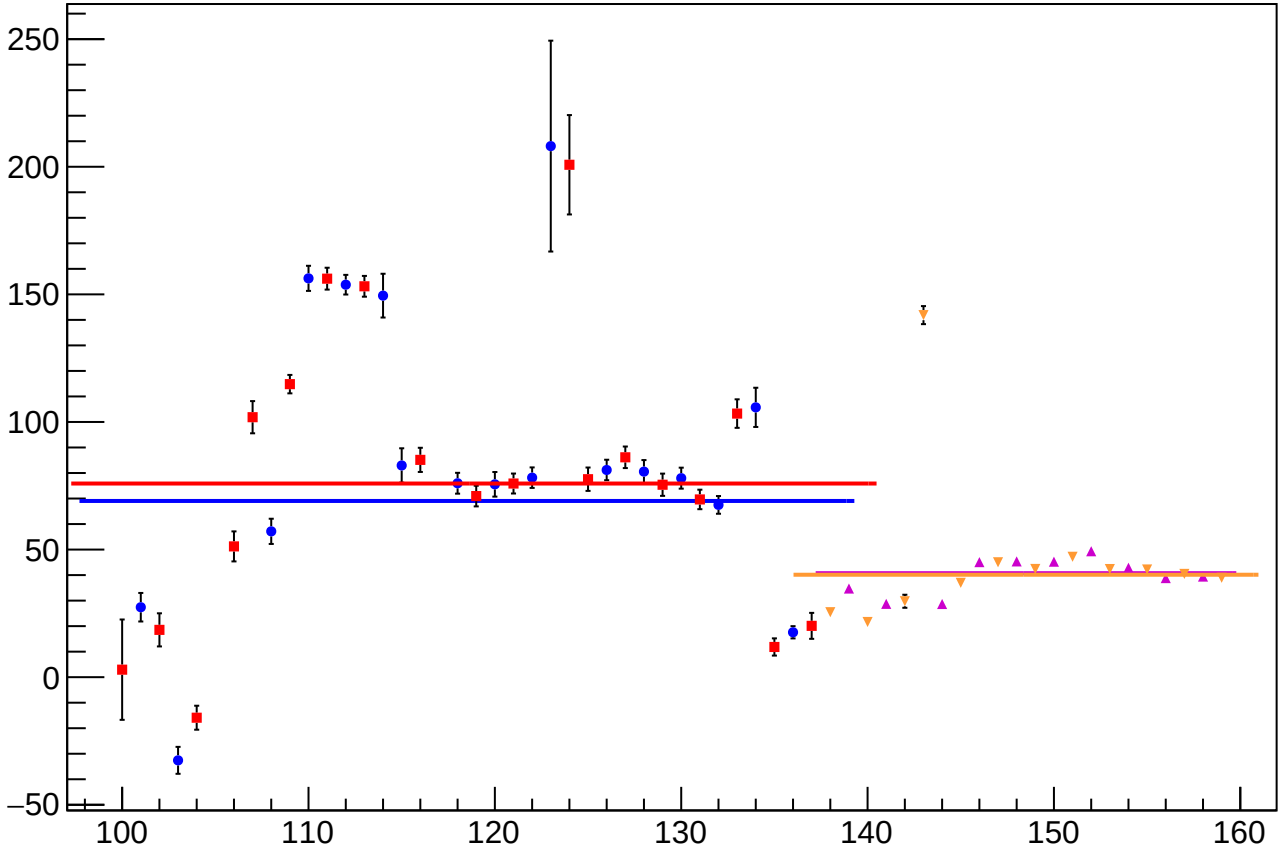
Left In: 0.084+/-0.341 χ^2/NDF:43.9/9

+ sign -1.419+/-0.287 χ^2/NDF: 277.1/28

All: -1.288+/-0.206 χ^2/NDF: 566.7/57

- sign -1.150+/-0.295 χ^2/NDF: 289.2/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 40.140+/-0.480 χ^2/NDF:1119.8/11

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

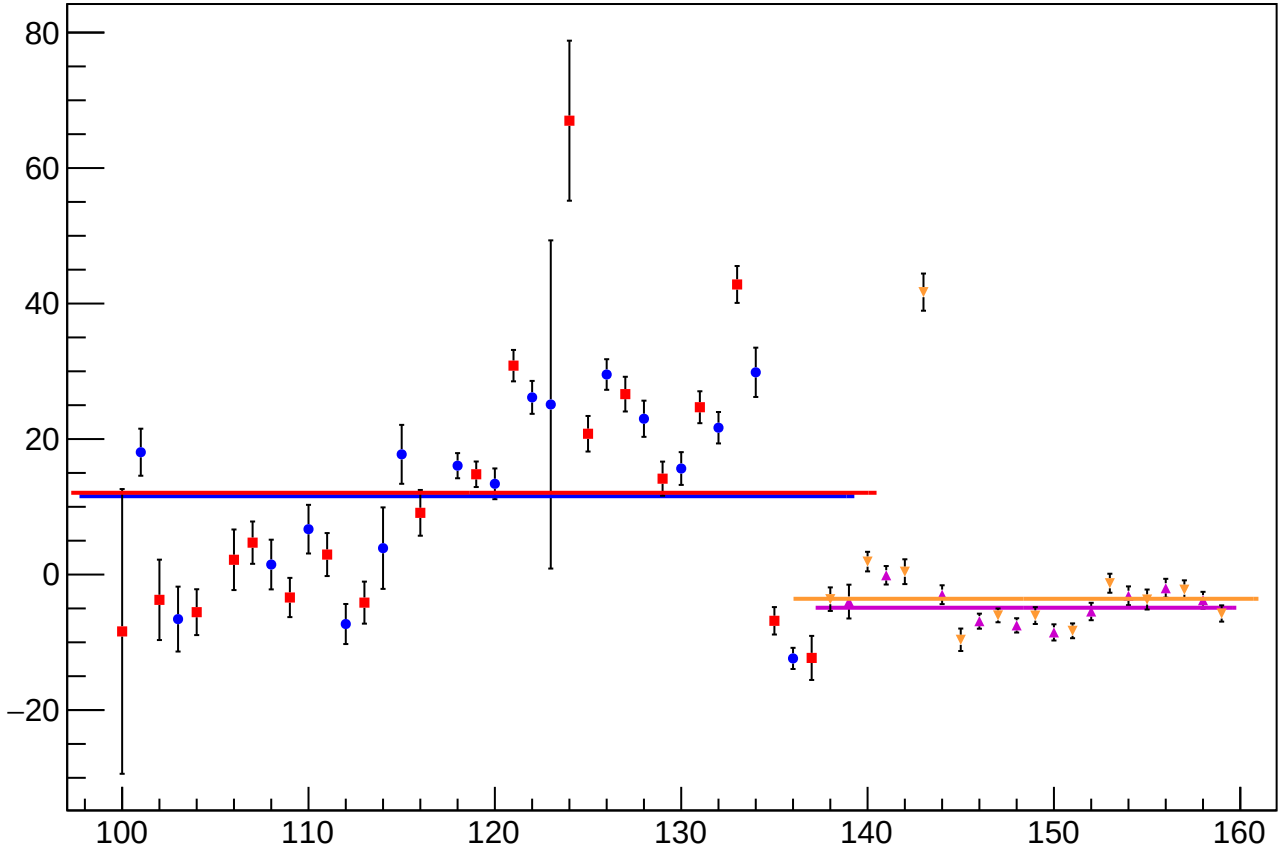
Left In: 40.753+/-0.486 χ^2/NDF:185.1/9

+ sign 44.933+/-0.438 χ^2/NDF: 3569.1/28

All: 45.842+/-0.311 χ^2/NDF: 6551.8/57

- sign 46.768+/-0.443 χ^2/NDF: 2974.1/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: -3.575+/-0.400 χ^2/NDF:340.2/11

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

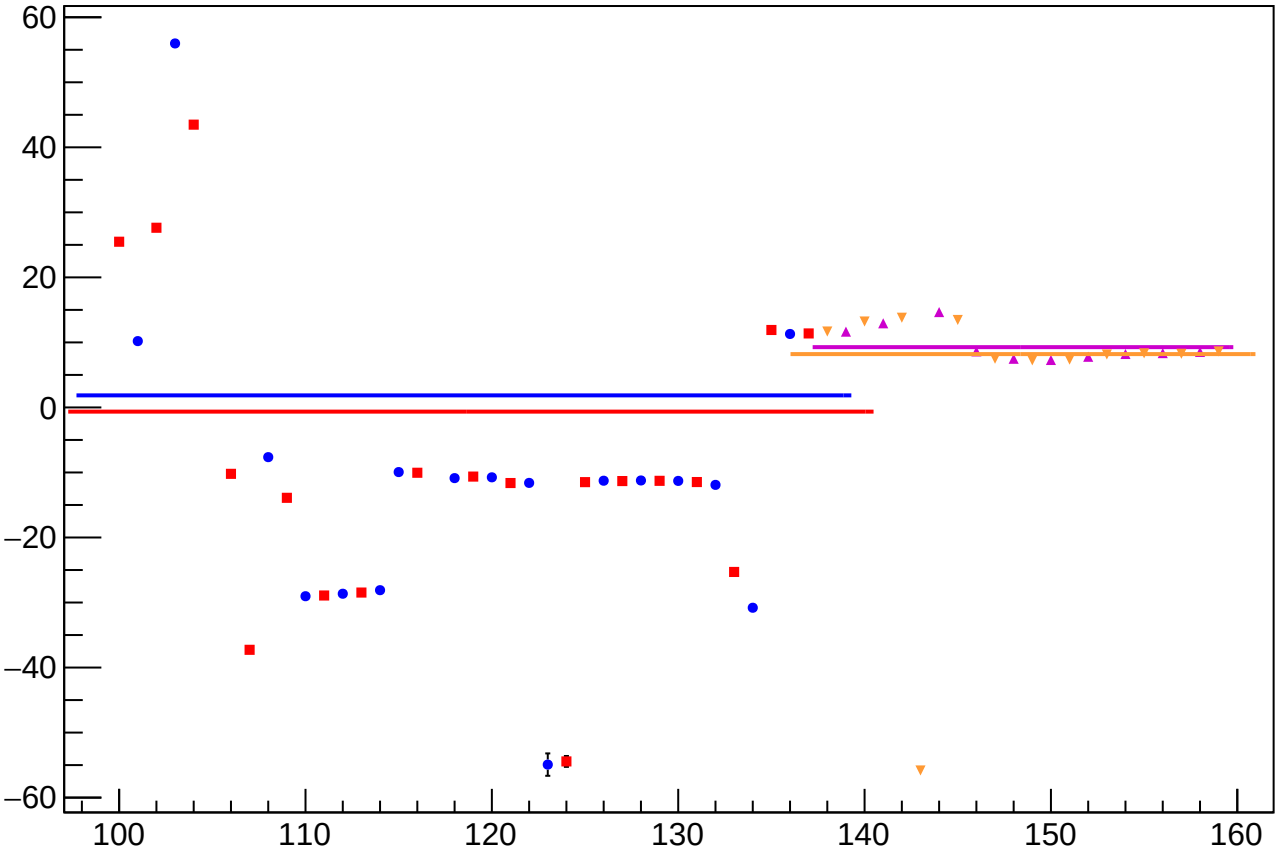
Left In: -4.897+/-0.411 χ^2/NDF:39.8/9

+ sign 0.510+/-0.342 χ^2/NDF: 1204.7/28

All: 0.162+/-0.244 χ^2/NDF: 2261.6/57

- sign -0.202+/-0.350 χ^2/NDF: 1054.8/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 8.202+/-0.019 χ^2/NDF:222503.9/11

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

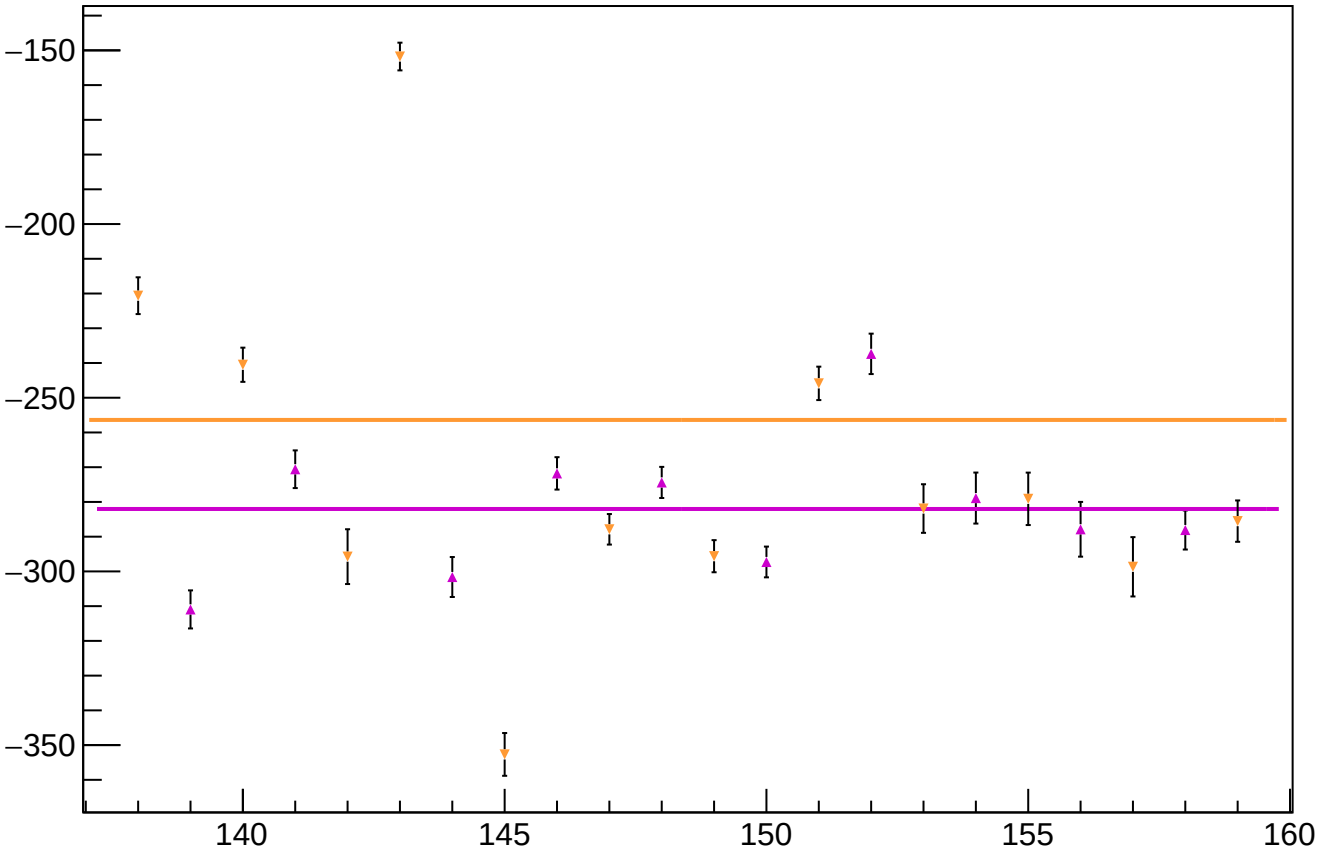
Left In: 9.271+/-0.019 χ^2/NDF:13243.6/9

+ sign 6.900+/-0.017 χ^2/NDF: 605307.6/28

All: 7.052+/-0.012 χ^2/NDF: 1037050.1/57

- sign 7.207+/-0.017 χ^2/NDF: 431575.9/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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

Left Out: -256.390+/-1.573 χ^2/NDF:1212.2/11

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

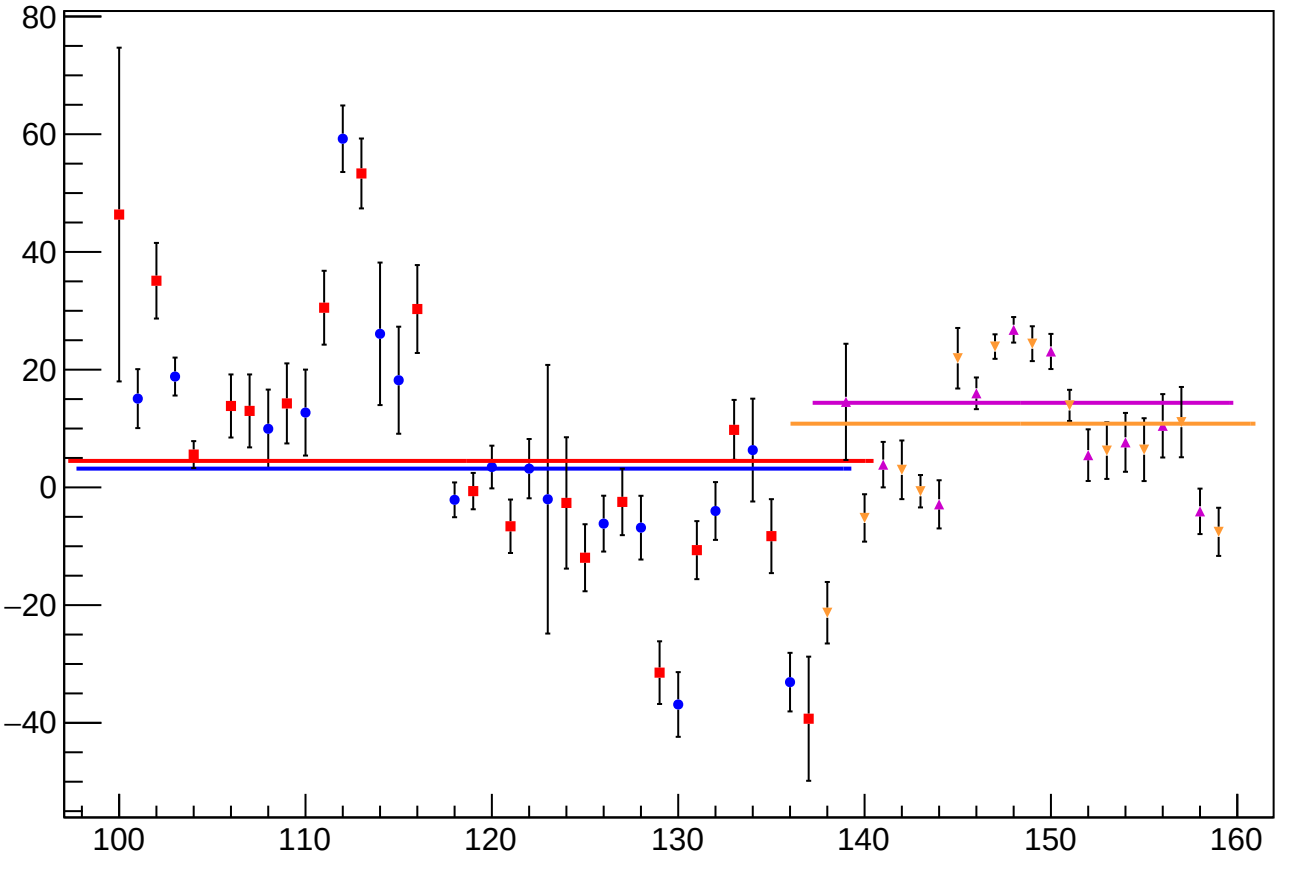
Left In: -282.026+/-1.715 χ^2/NDF:124.3/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -268.109+/-1.159 χ^2/NDF: 1457.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: 10.824+/-1.019 χ^2/NDF:161.9/11

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

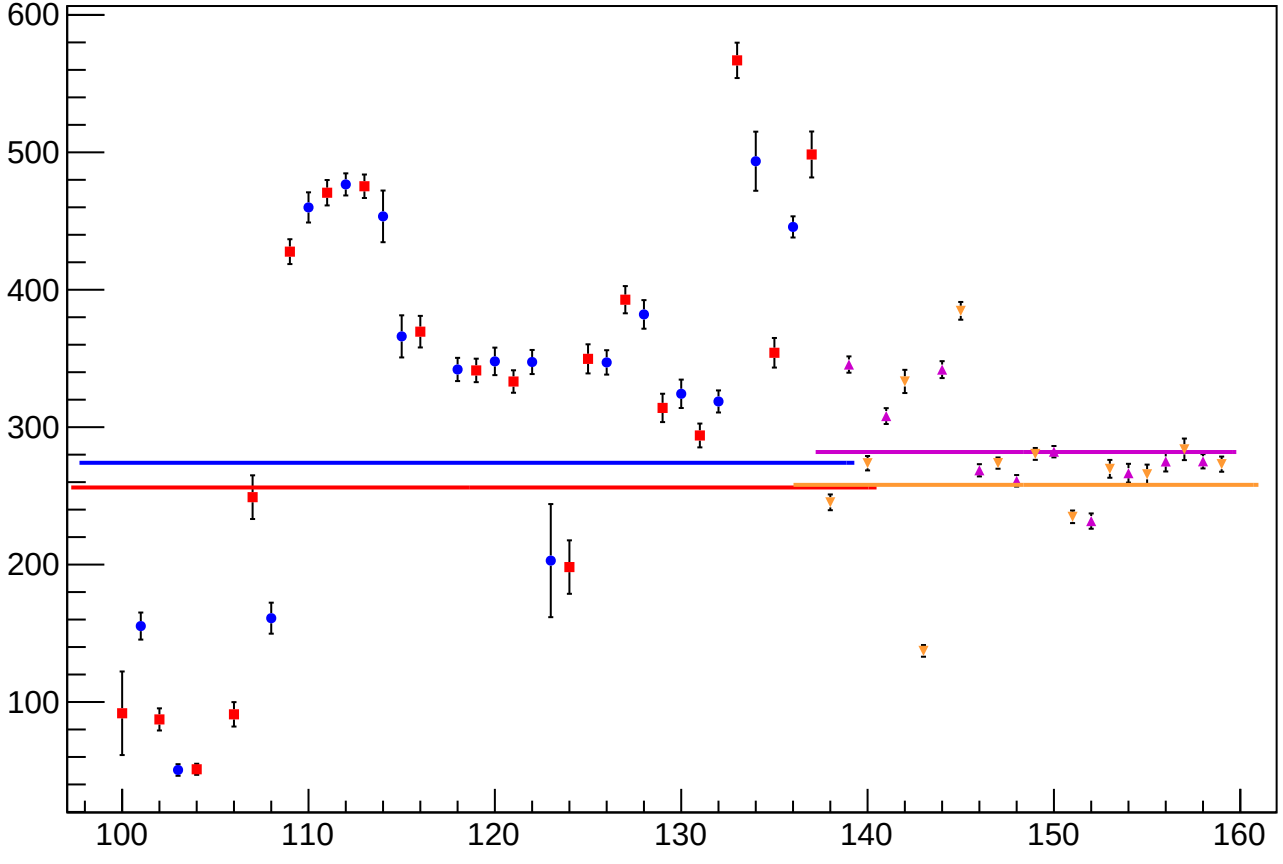
Left In: 14.370+/-1.123 χ^2/NDF:95.9/9

+ sign 7.700+/-0.784 χ^2/NDF: 440.5/28

All: 8.619+/-0.562 χ^2/NDF: 802.1/57

- sign 9.592+/-0.807 χ^2/NDF: 358.8/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079+/-2.191 χ^2/NDF: 5112.0/16

Left Out: 258.022+/-1.555 χ^2/NDF:1373.7/11

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

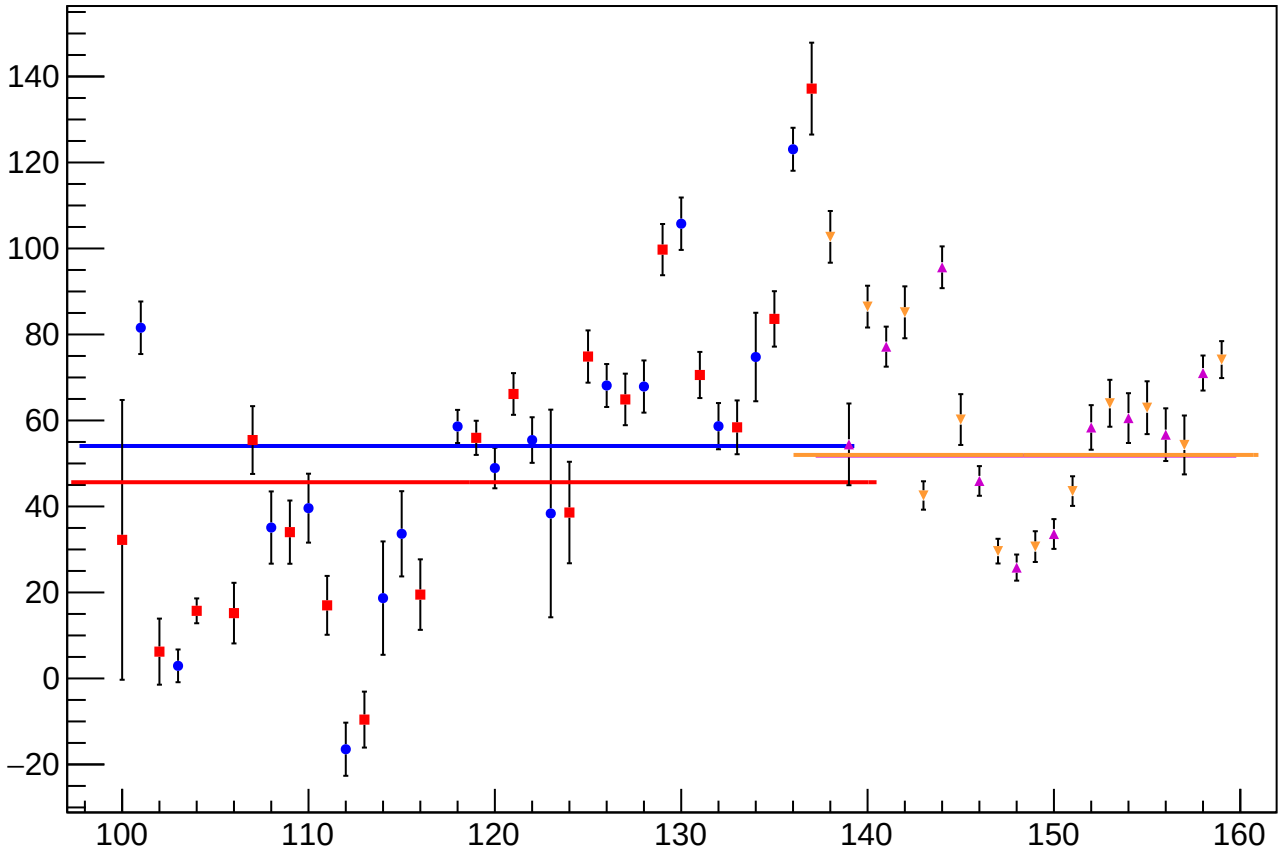
Left In: 281.922+/-1.667 χ^2/NDF:353.4/9

+ sign 263.402+/-1.268 χ^2/NDF: 6521.3/28

All: 267.508+/-0.908 χ^2/NDF: 13434.1/57

- sign 271.829+/-1.301 χ^2/NDF: 6891.2/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 51.984+/-1.253 χ^2/NDF:298.6/11

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

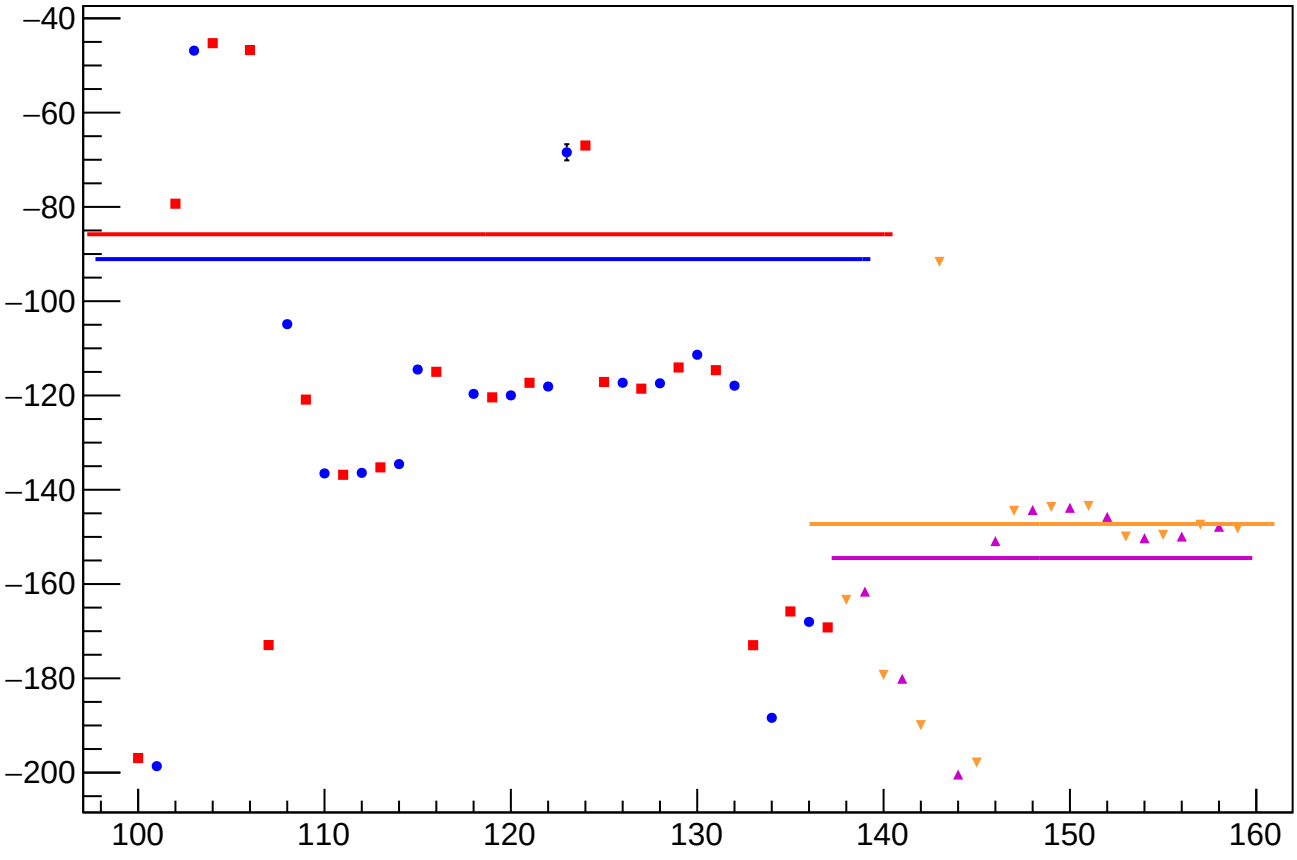
Left In: 51.840+/-1.375 χ^2/NDF:241.9/9

+ sign 52.895+/-0.940 χ^2/NDF: 934.2/28

All: 50.858+/-0.674 χ^2/NDF: 1726.9/57

- sign 48.703+/-0.966 χ^2/NDF: 783.0/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -147.262+/-0.063 χ^2/NDF:186798.1/11

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

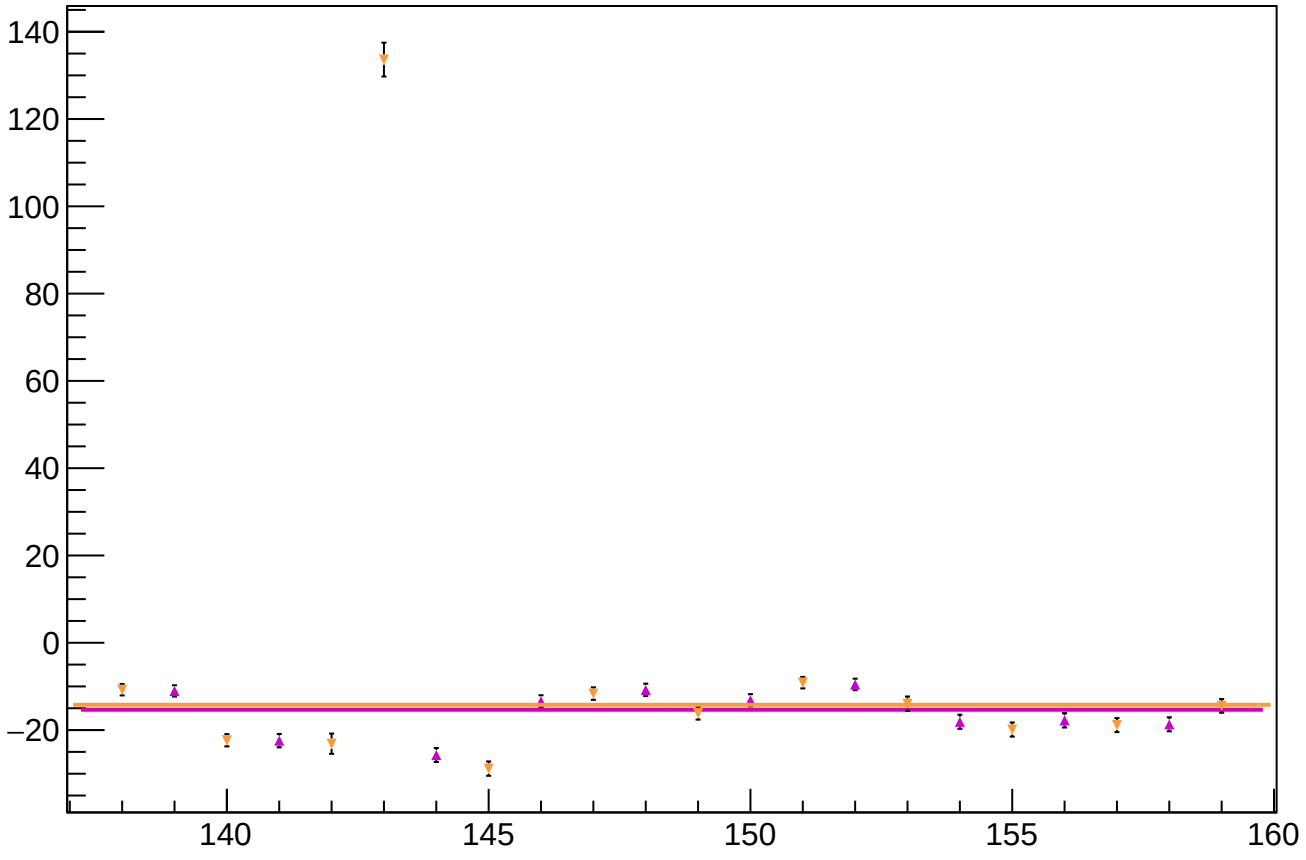
Left In: -154.481+/-0.067 χ^2/NDF:52885.1/9

+ sign -121.114+/-0.046 χ^2/NDF: 1091585.1/28

All: -120.225+/-0.033 χ^2/NDF: 2185223.8/57

- sign -119.318+/-0.047 χ^2/NDF: 1092886.4/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -14.205+/-0.459 χ^2/NDF:1624.5/11

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

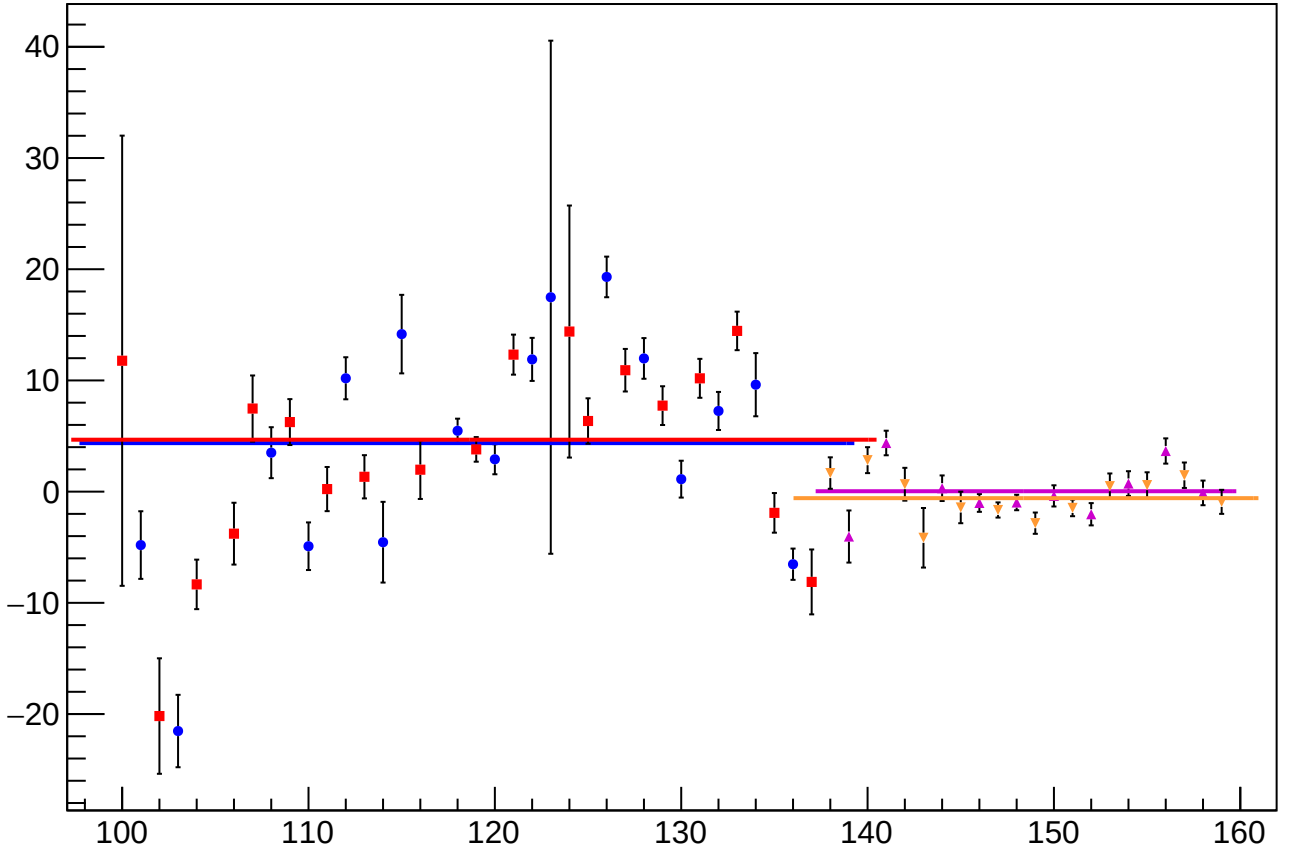
Left In: -15.344+/-0.464 χ^2/NDF:117.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.768+/-0.326 χ^2/NDF: 1744.5/21

- 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: -0.586+/-0.309 χ^2/NDF:28.6/11

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

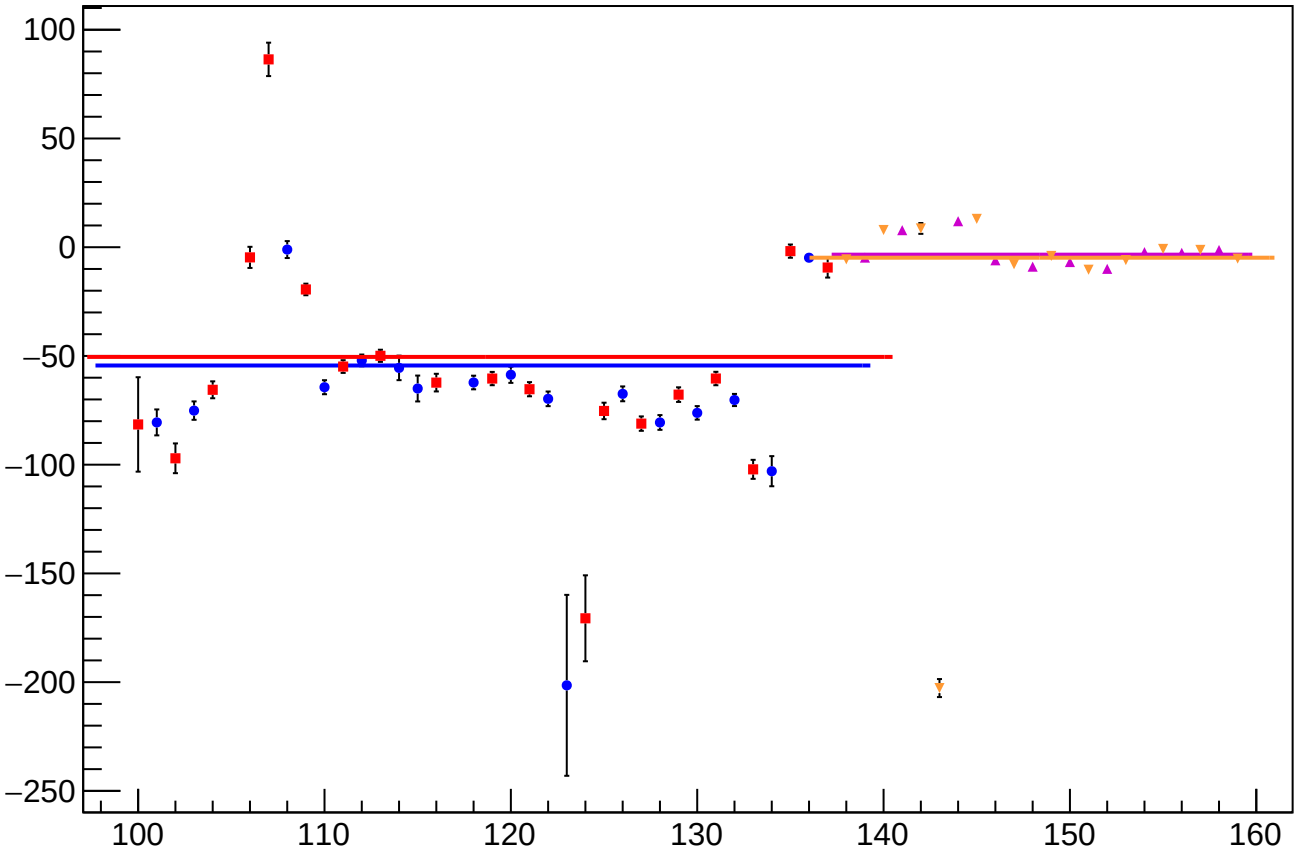
Left In: 0.037+/-0.318 χ^2/NDF:37.4/9

+ sign 0.929+/-0.257 χ^2/NDF: 393.8/28

All: 1.194+/-0.184 χ^2/NDF: 684.6/57

- sign 1.474+/-0.264 χ^2/NDF: 288.6/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -4.823+/-0.448 χ^2/NDF:2529.8/11

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

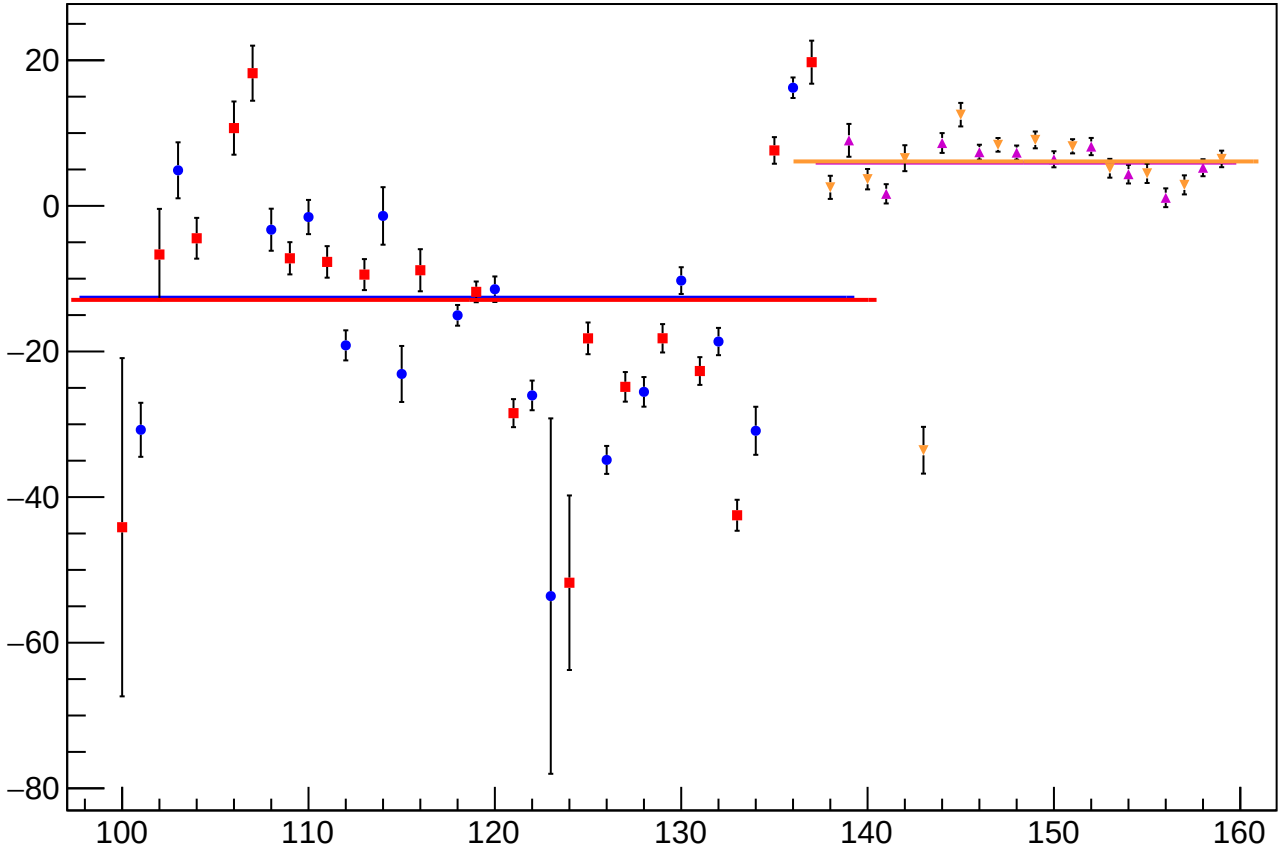
Left In: -3.426+/-0.452 χ^2/NDF:185.3/9

+ sign -15.354+/-0.398 χ^2/NDF: 6144.3/28

All: -14.516+/-0.282 χ^2/NDF: 10015.3/57

- sign -13.667+/-0.400 χ^2/NDF: 3862.0/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 6.103+/-0.374 χ^2/NDF:201.7/11

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

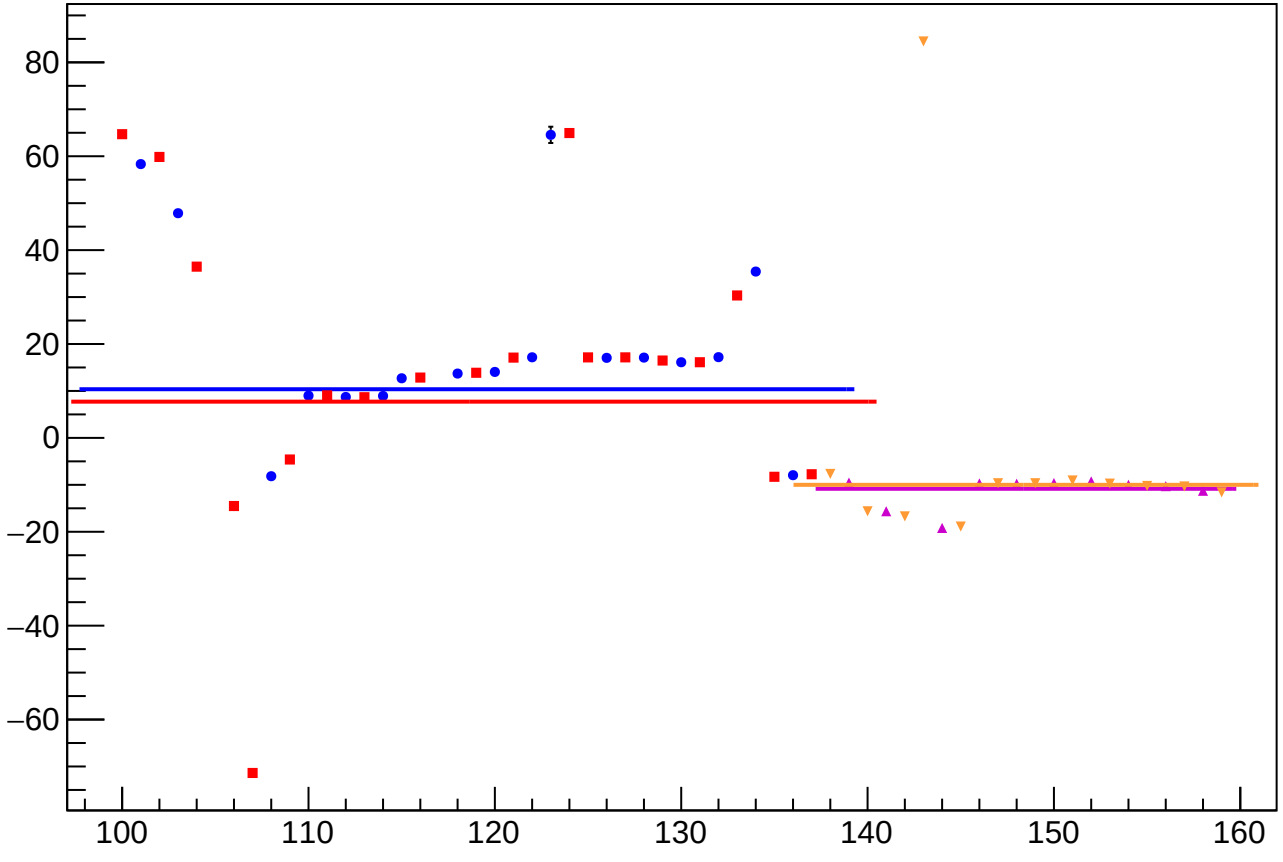
Left In: 5.942+/-0.384 χ^2/NDF:39.7/9

+ sign -0.108+/-0.305 χ^2/NDF: 1822.9/28

All: -0.256+/-0.218 χ^2/NDF: 3407.0/57

- sign -0.411+/-0.312 χ^2/NDF: 1583.7/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -9.999+/-0.018 χ^2/NDF:355763.0/11

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

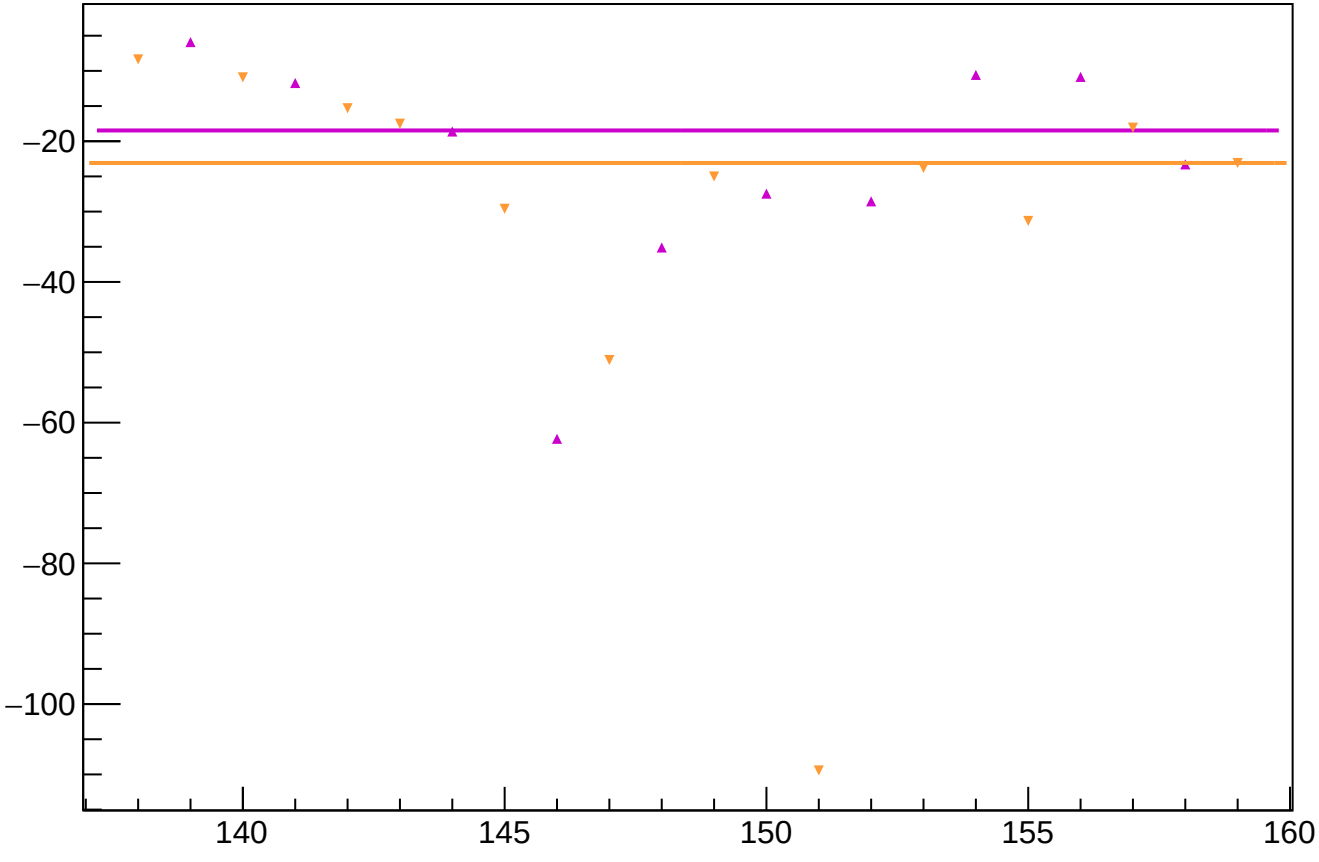
Left In: -10.845+/-0.018 χ^2/NDF:20896.5/9

+ sign -4.948+/-0.015 χ^2/NDF: 1071225.7/28

All: -5.643+/-0.011 χ^2/NDF: 1908853.4/57

- sign -6.353+/-0.015 χ^2/NDF: 833407.1/28

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.088+/-0.076 χ^2/NDF:50366.3/11

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

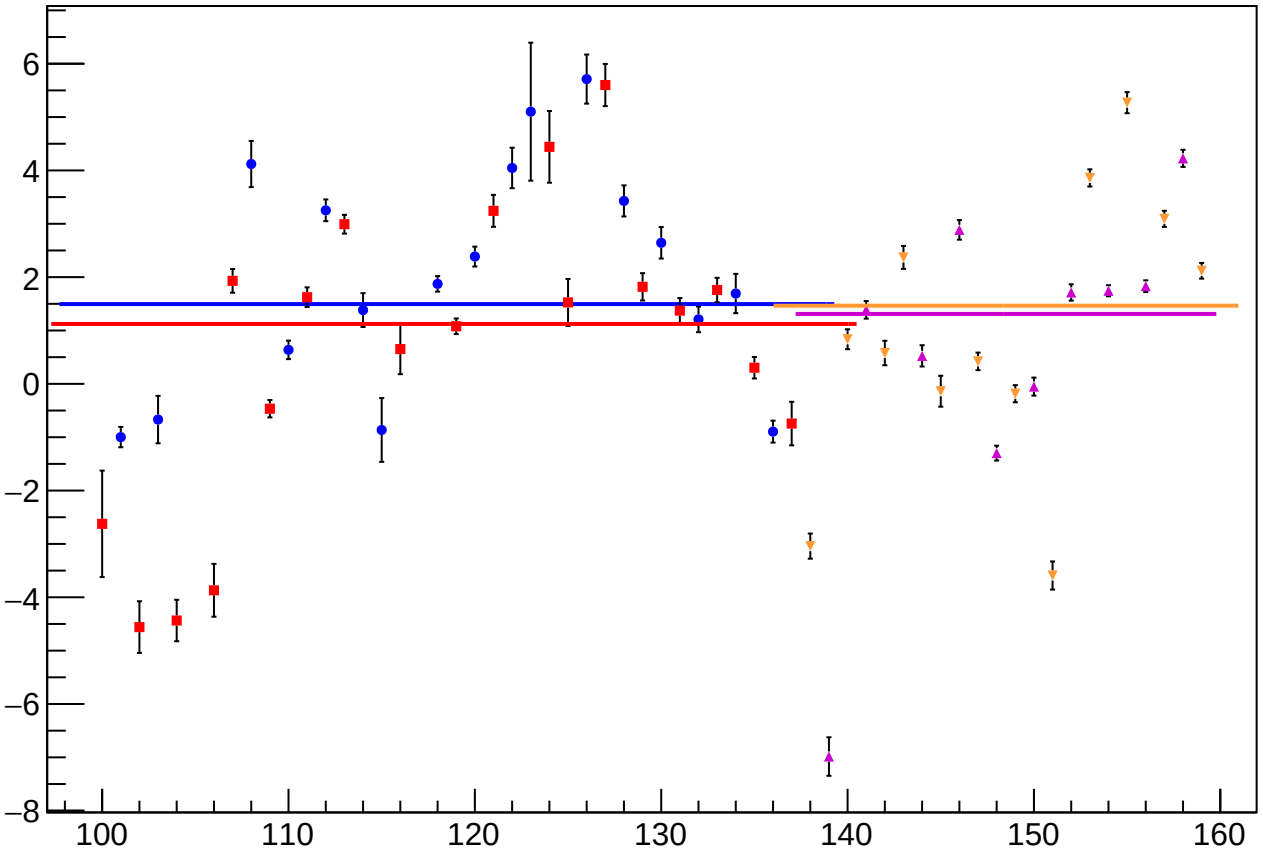
Left In: -18.468+/-0.068 χ^2/NDF:36519.0/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.526+/-0.051 χ^2/NDF: 88943.1/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 1.465+/-0.054 χ^2/NDF:1682.7/11

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

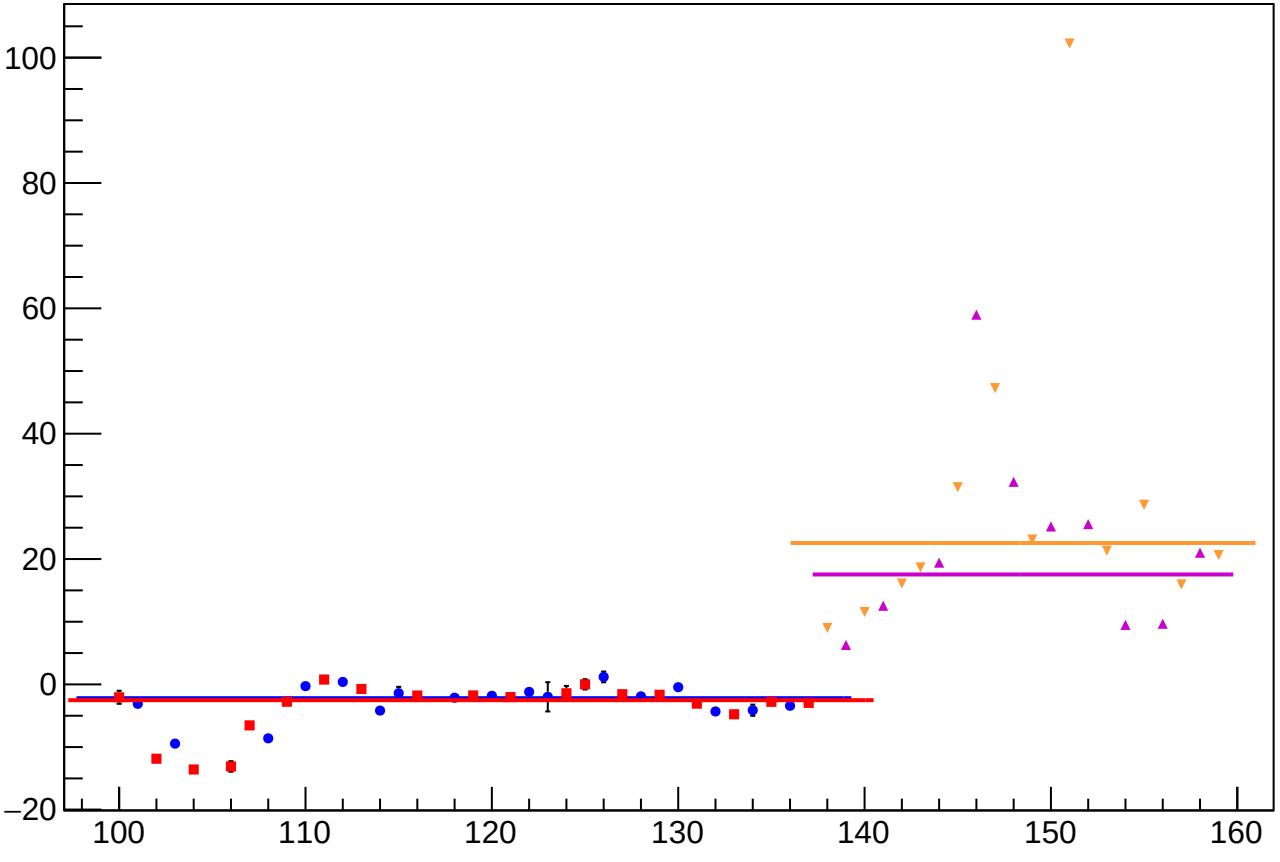
Left In: 1.310+/-0.047 χ^2/NDF:1408.9/9

+ sign 1.478+/-0.040 χ^2/NDF: 2391.7/28

All: 1.345+/-0.027 χ^2/NDF: 4773.0/57

- sign 1.235+/-0.037 χ^2/NDF: 2361.6/28

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 22.561+/-0.074 χ^2/NDF:45582.2/11

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

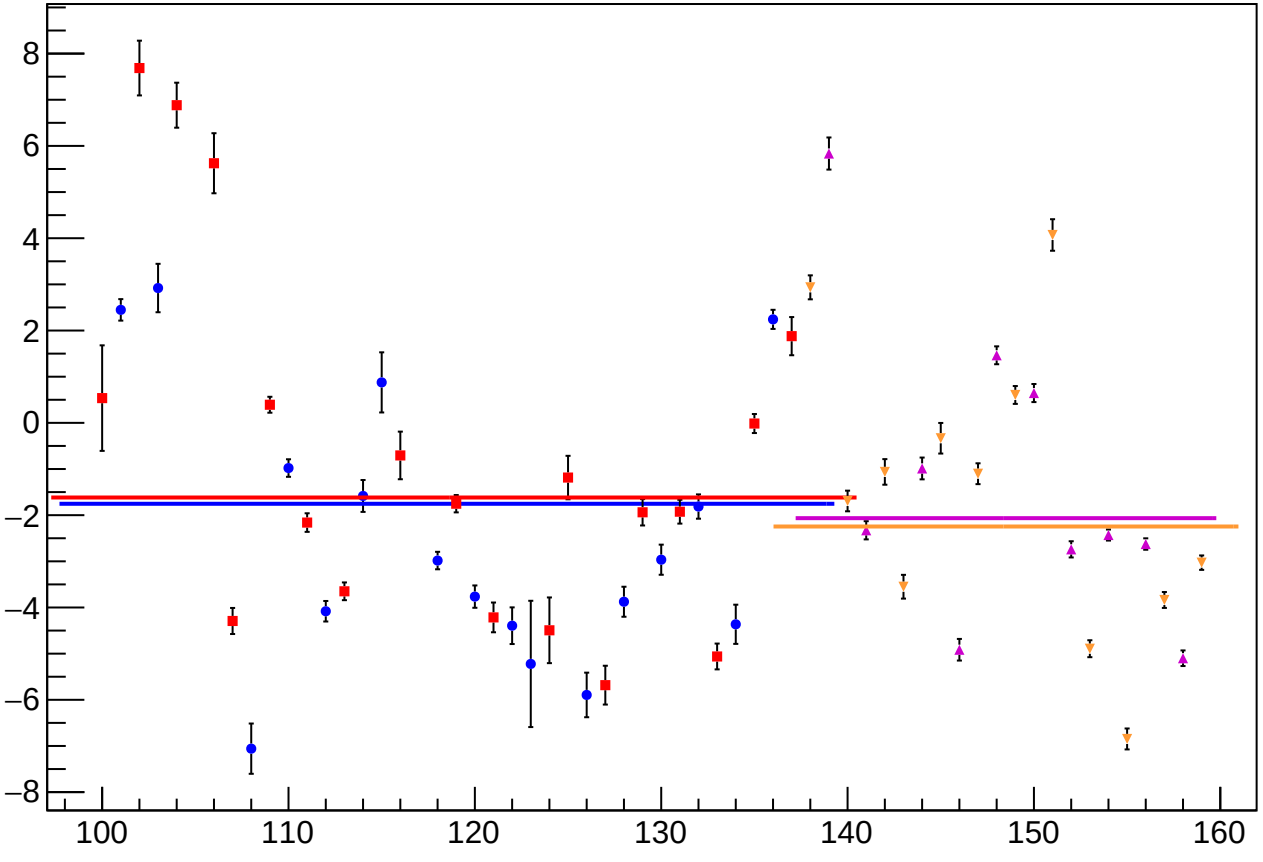
Left In: 17.539+/-0.065 χ^2/NDF:34283.9/9

+ sign 14.859+/-0.062 χ^2/NDF: 80582.5/28

All: 12.938+/-0.041 χ^2/NDF: 146086.2/57

- sign 11.434+/-0.055 χ^2/NDF: 63775.0/28

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -2.246+/-0.063 χ^2/NDF:1795.6/11

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

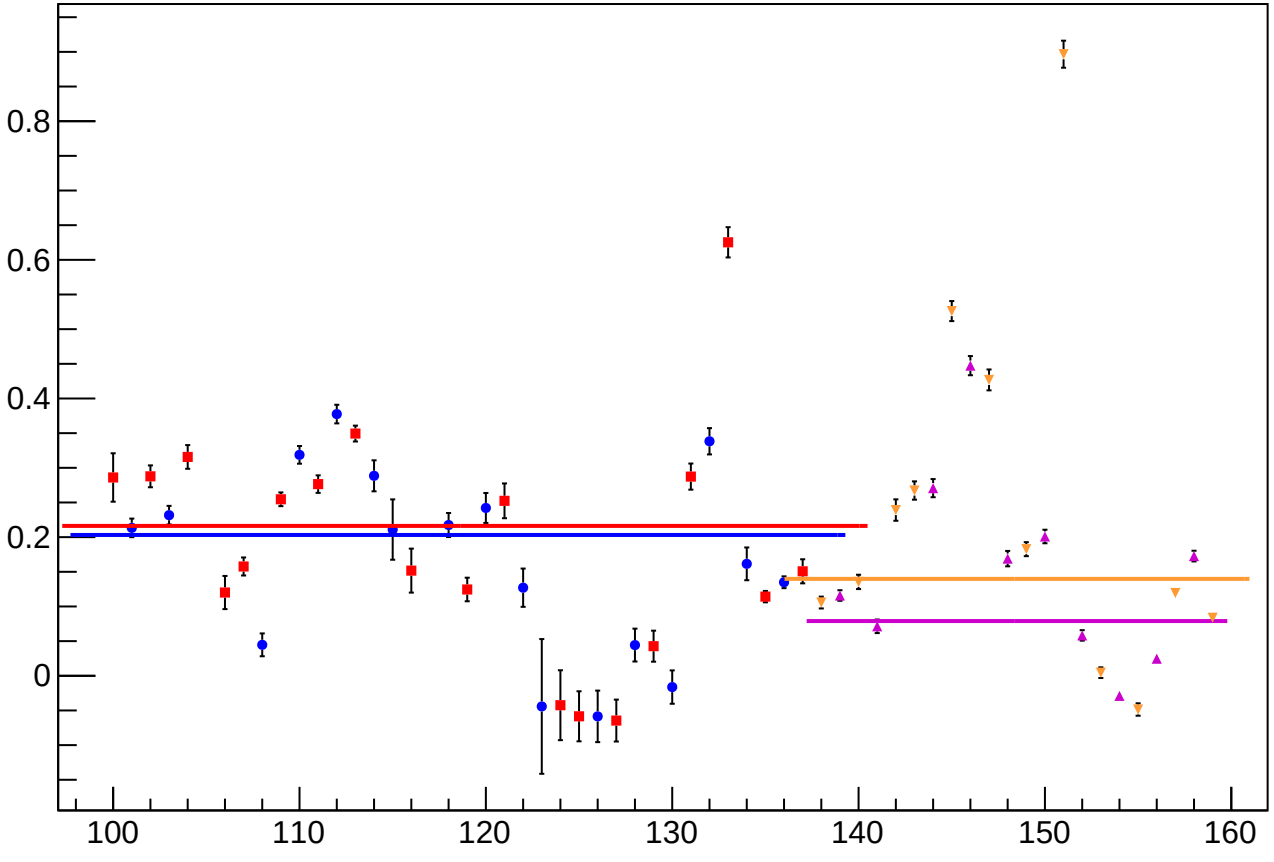
Left In: -2.065+/-0.055 χ^2/NDF:1576.7/9

+ sign -2.026+/-0.047 χ^2/NDF: 3167.8/28

All: -1.945+/-0.031 χ^2/NDF: 6264.5/57

- sign -1.879+/-0.042 χ^2/NDF: 3091.3/28

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.140+/-0.003 χ^2/NDF:3568.6/11

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

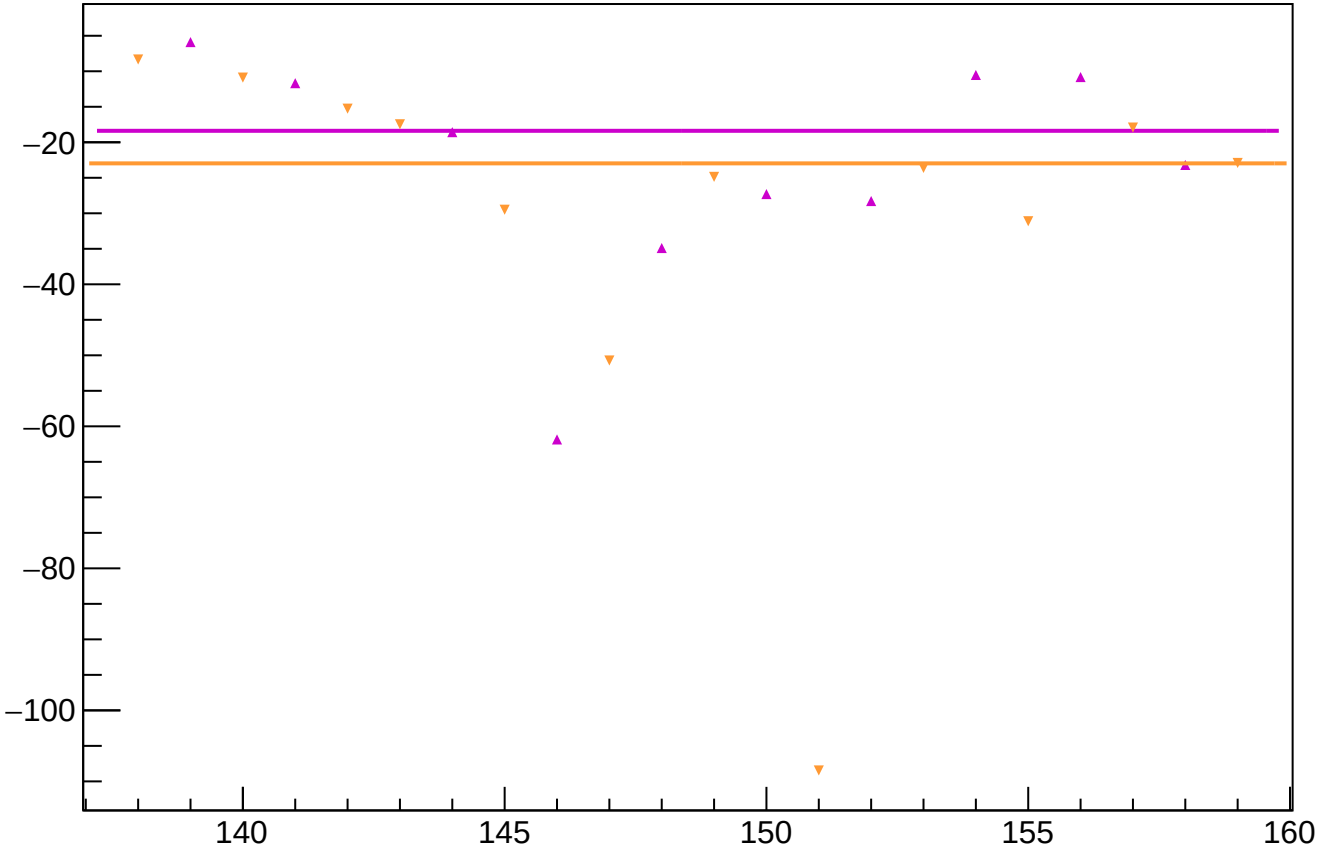
Left In: 0.079+/-0.002 χ^2/NDF:1933.4/9

+ sign 0.160+/-0.002 χ^2/NDF: 4406.3/28

All: 0.137+/-0.002 χ^2/NDF: 8557.9/57

- sign 0.119+/-0.002 χ^2/NDF: 3976.5/28

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.970+/-0.075 χ^2/NDF:50256.9/11

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

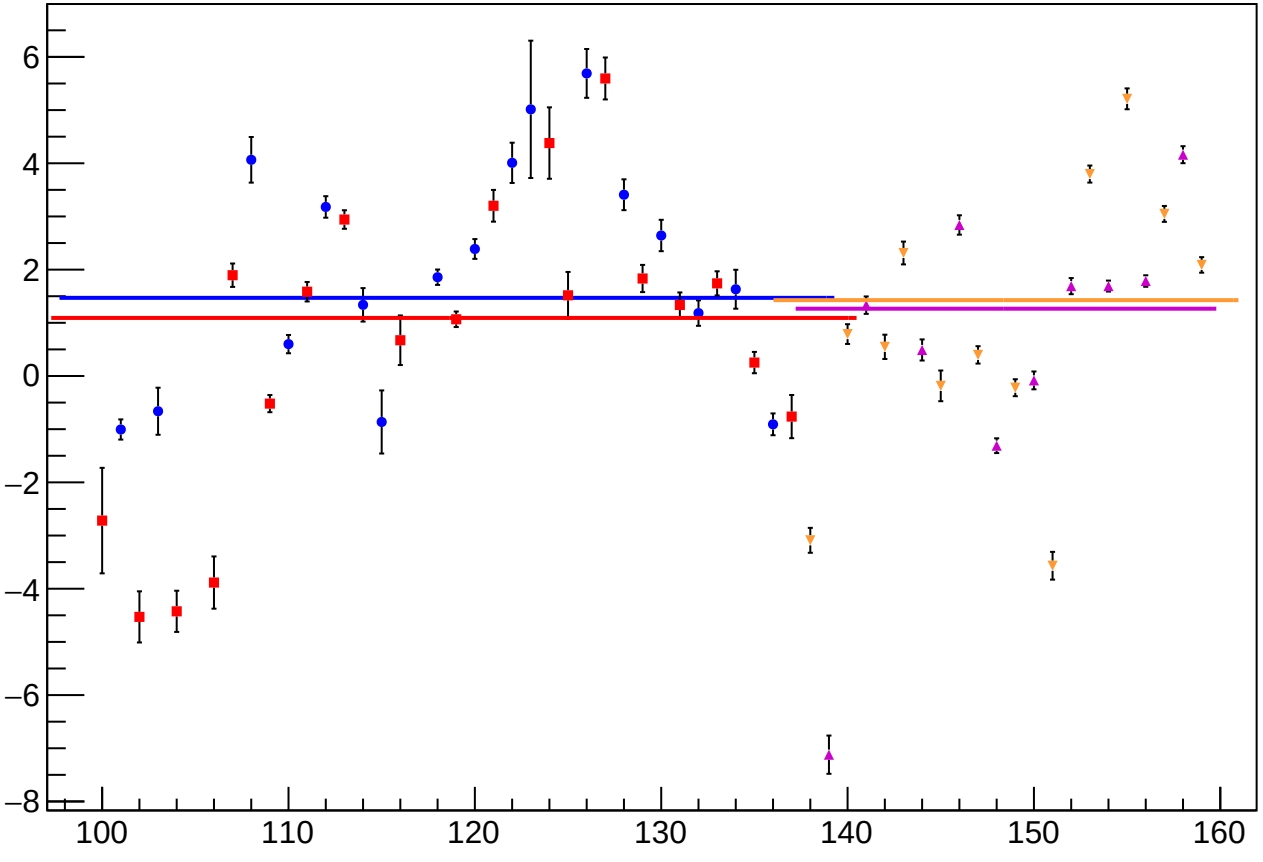
Left In: -18.385+/-0.068 χ^2/NDF:36445.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.428+/-0.050 χ^2/NDF: 88753.6/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 1.426+/-0.054 χ^2/NDF:1688.3/11

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

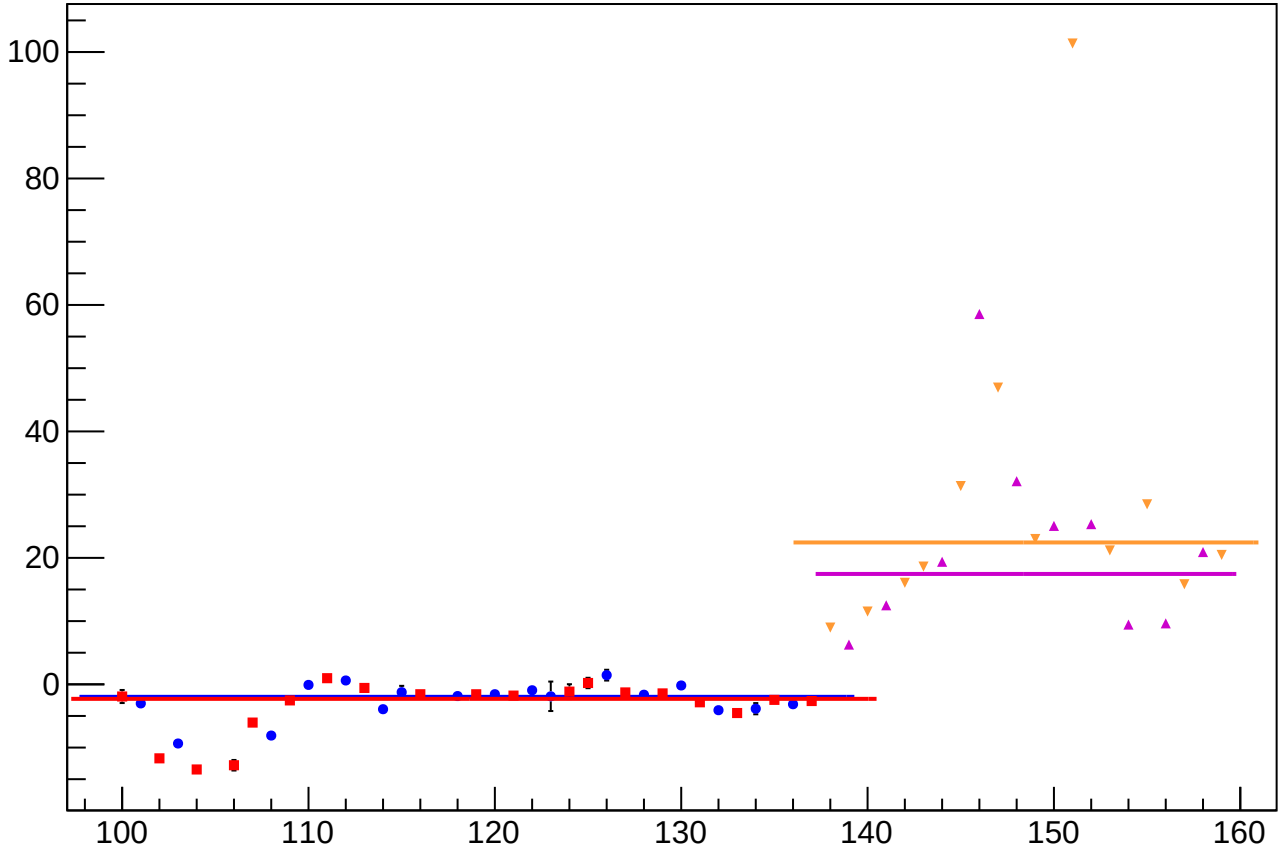
Left In: 1.266+/-0.047 χ^2/NDF:1420.8/9

+ sign 1.445+/-0.040 χ^2/NDF: 2396.4/28

All: 1.309+/-0.027 χ^2/NDF: 4795.7/57

- sign 1.196+/-0.037 χ^2/NDF: 2378.3/28

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 22.439+/-0.074 χ^2/NDF:45504.4/11

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

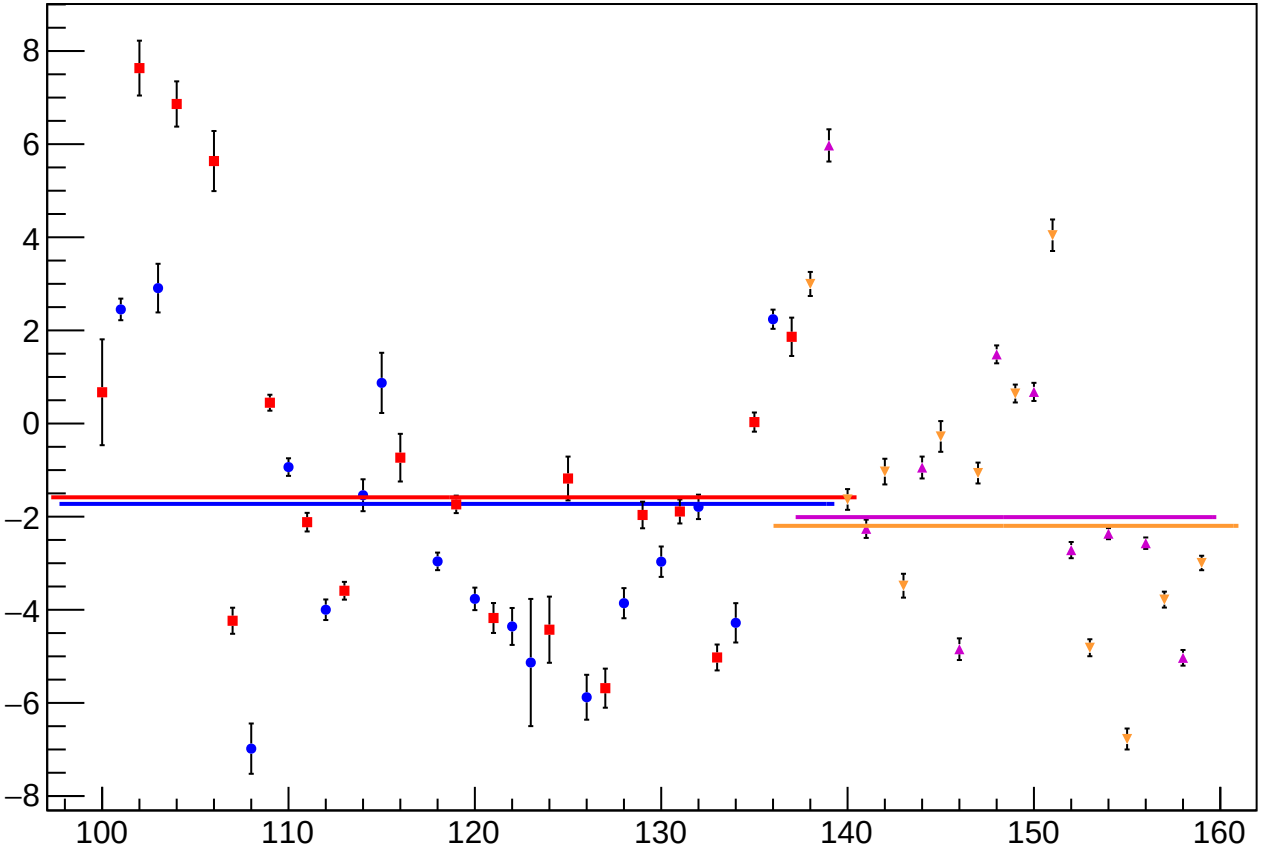
Left In: 17.459+/-0.065 χ^2/NDF:34220.7/9

+ sign 14.859+/-0.061 χ^2/NDF: 79914.8/28

All: 12.949+/-0.041 χ^2/NDF: 144801.8/57

- sign 11.453+/-0.054 χ^2/NDF: 63157.1/28

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -2.197+/-0.063 χ^2/NDF:1802.9/11

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

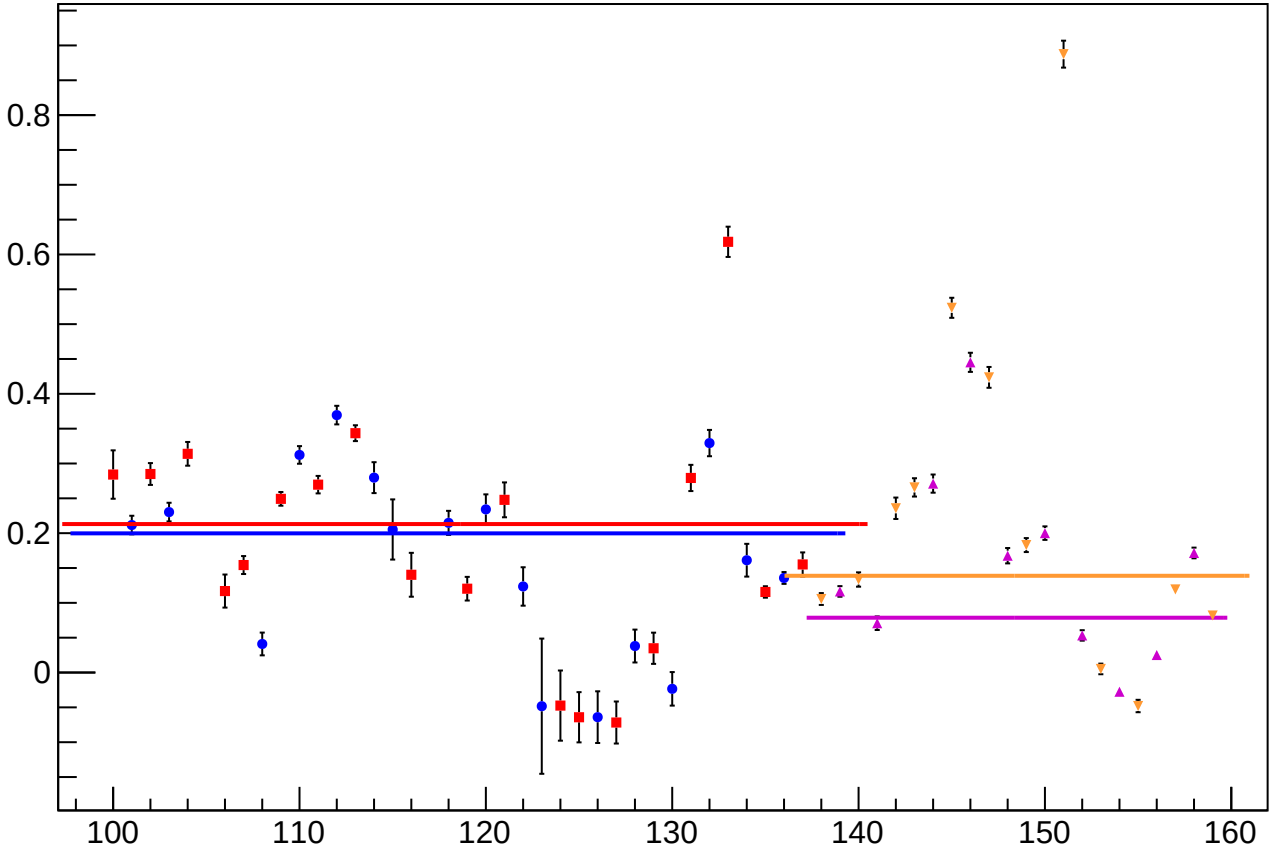
Left In: -2.010+/-0.055 χ^2/NDF:1592.4/9

+ sign -1.987+/-0.047 χ^2/NDF: 3169.5/28

All: -1.902+/-0.031 χ^2/NDF: 6285.5/57

- sign -1.833+/-0.042 χ^2/NDF: 3110.0/28

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.139+/-0.003 χ^2/NDF:3562.1/11

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

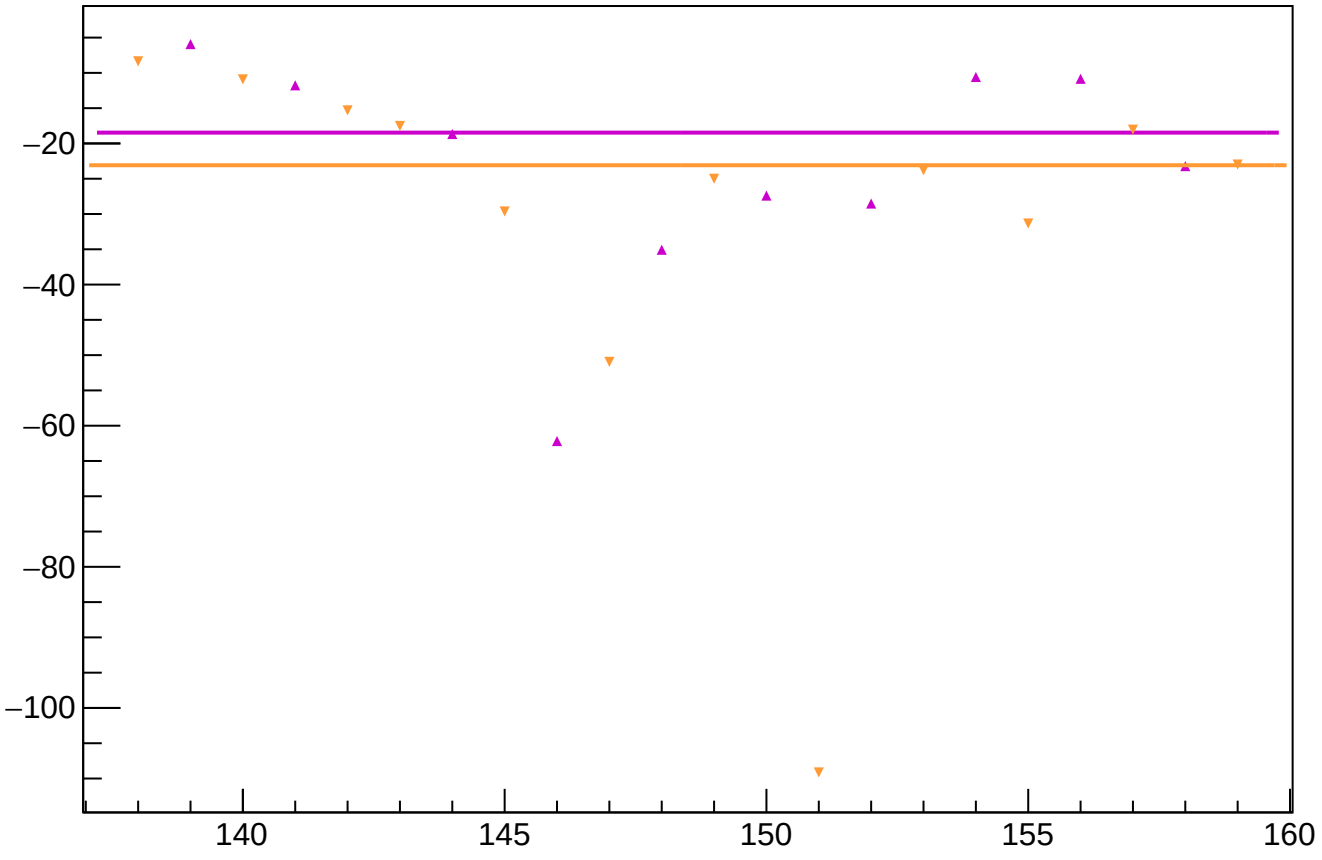
Left In: 0.079+/-0.002 χ^2/NDF:1933.1/9

+ sign 0.158+/-0.002 χ^2/NDF: 4374.5/28

All: 0.135+/-0.002 χ^2/NDF: 8476.8/57

- sign 0.118+/-0.002 χ^2/NDF: 3930.0/28

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.088+/-0.076 χ^2/NDF:50367.5/11

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

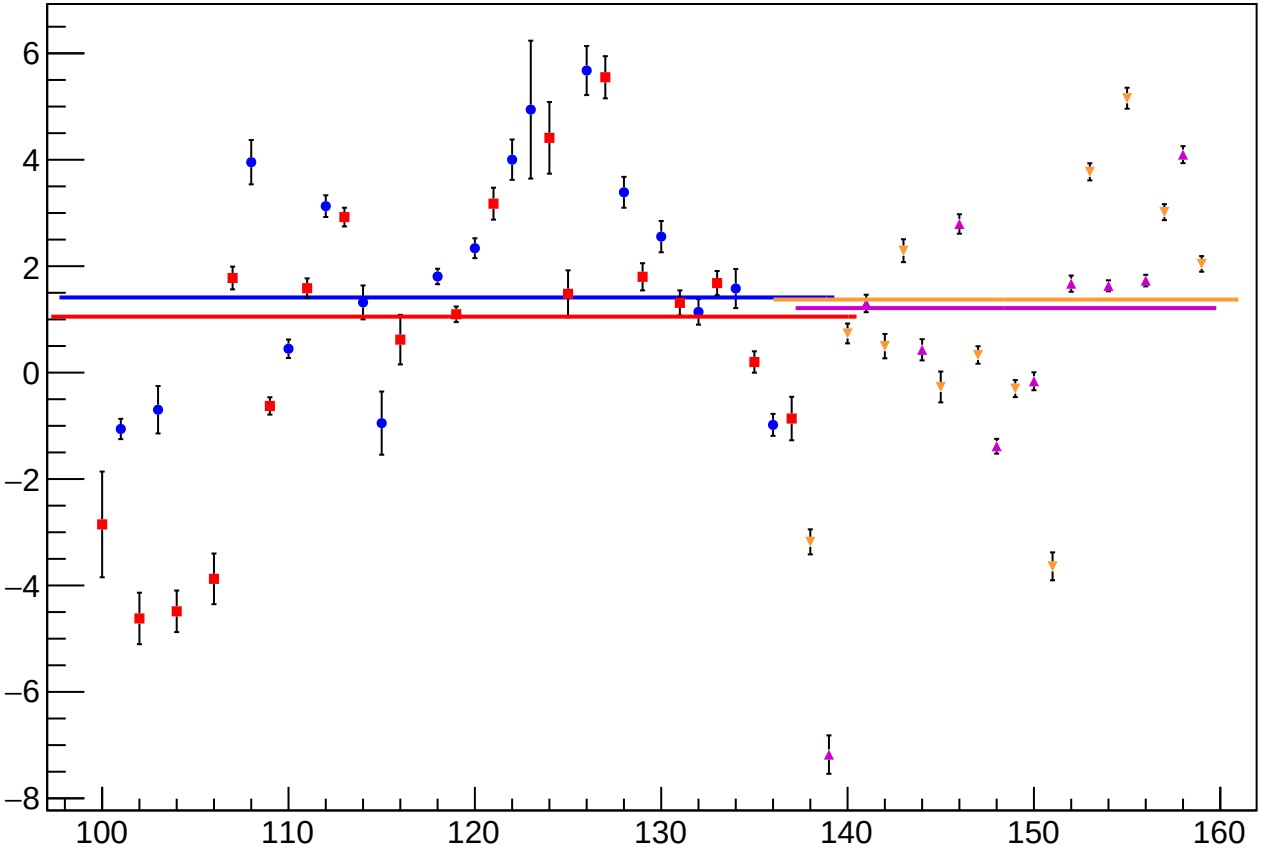
Left In: -18.467+/-0.068 χ^2/NDF:36525.5/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.524+/-0.051 χ^2/NDF: 88960.4/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413+/-0.061 χ^2/NDF: 713.9/16

Left Out: 1.373+/-0.054 χ^2/NDF:1696.2/11

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

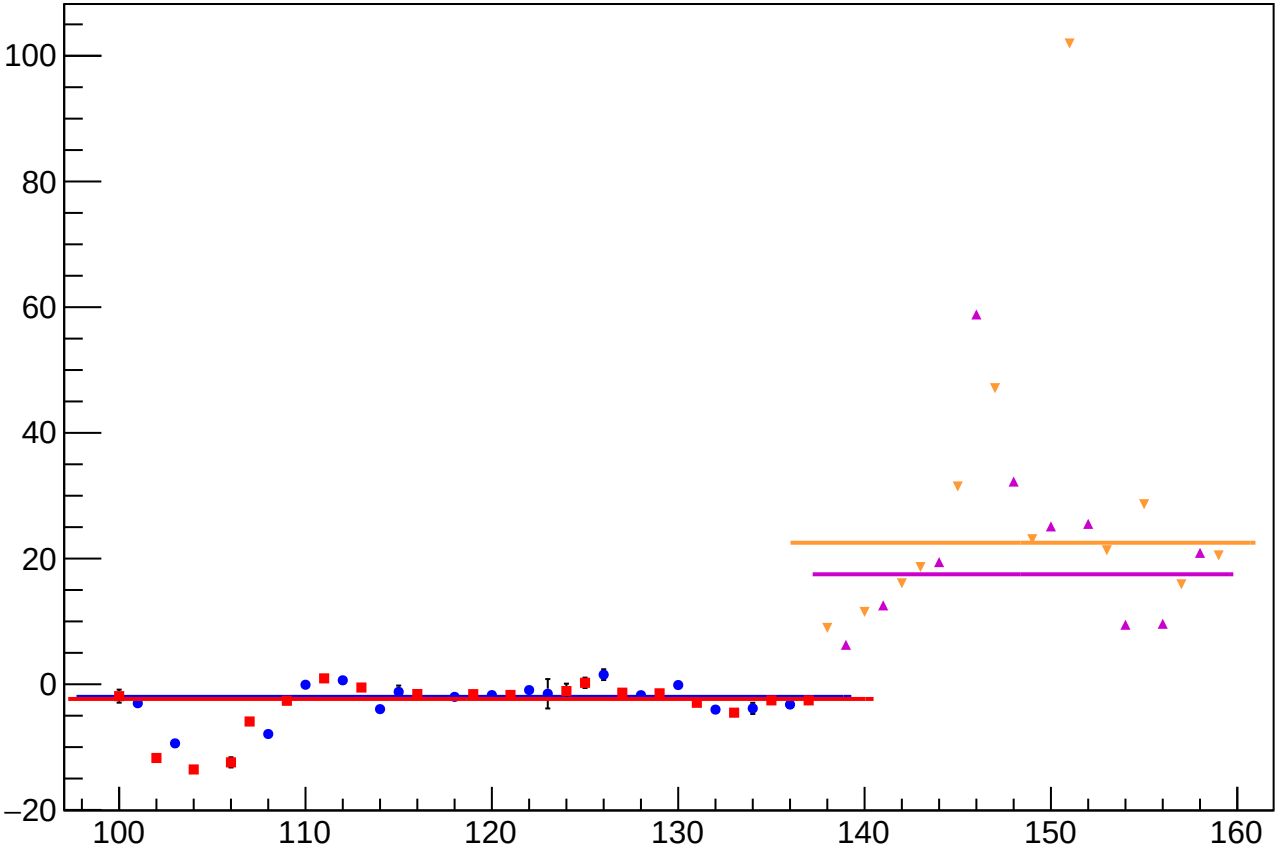
Left In: 1.213+/-0.047 χ^2/NDF:1418.1/9

+ sign 1.391+/-0.040 χ^2/NDF: 2410.3/28

All: 1.258+/-0.027 χ^2/NDF: 4816.0/57

- sign 1.149+/-0.037 χ^2/NDF: 2386.0/28

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 22.522+/-0.074 χ^2/NDF:45599.4/11

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

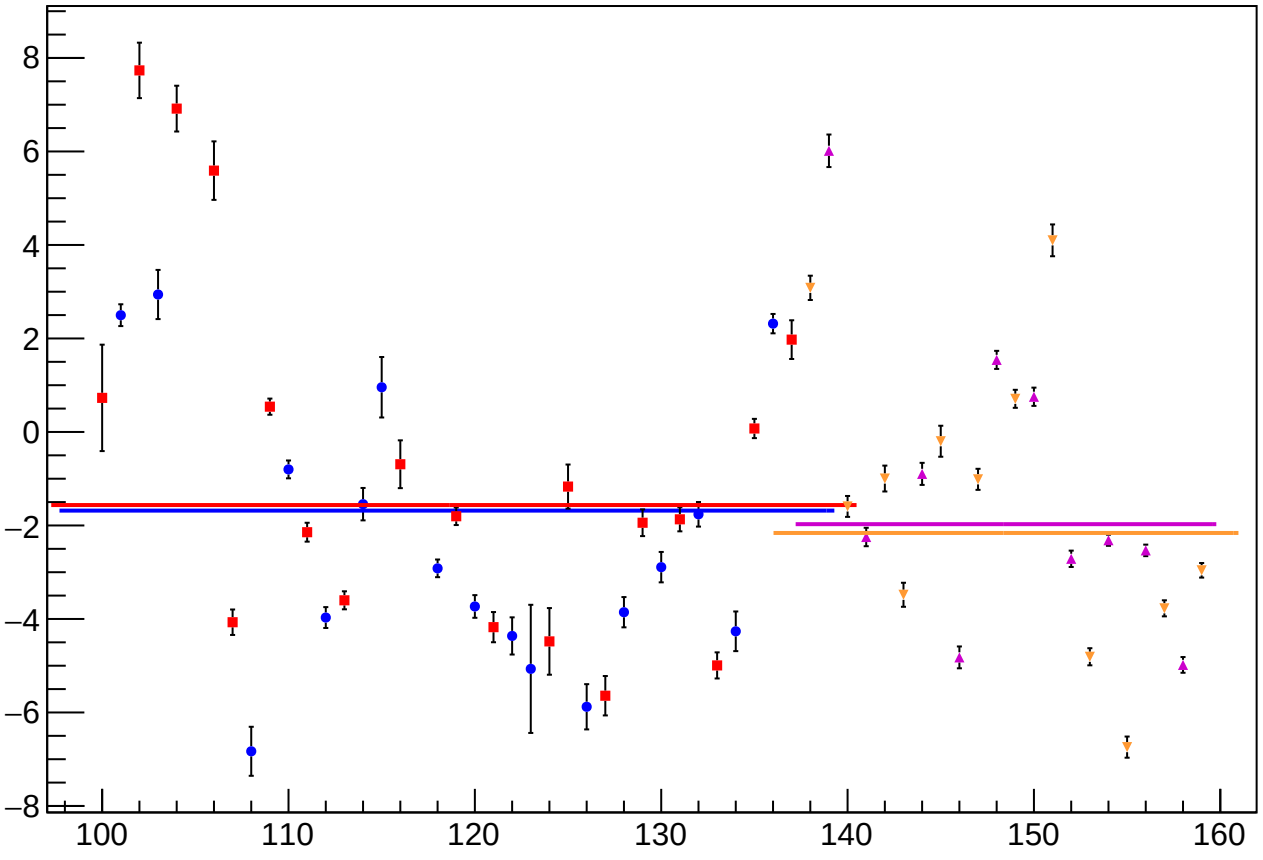
Left In: 17.499+/-0.065 χ^2/NDF:34312.0/9

+ sign 14.916+/-0.062 χ^2/NDF: 79981.8/28

All: 12.988+/-0.041 χ^2/NDF: 144951.3/57

- sign 11.480+/-0.054 χ^2/NDF: 63223.6/28

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -2.160+/-0.063 χ^2/NDF:1811.7/11

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

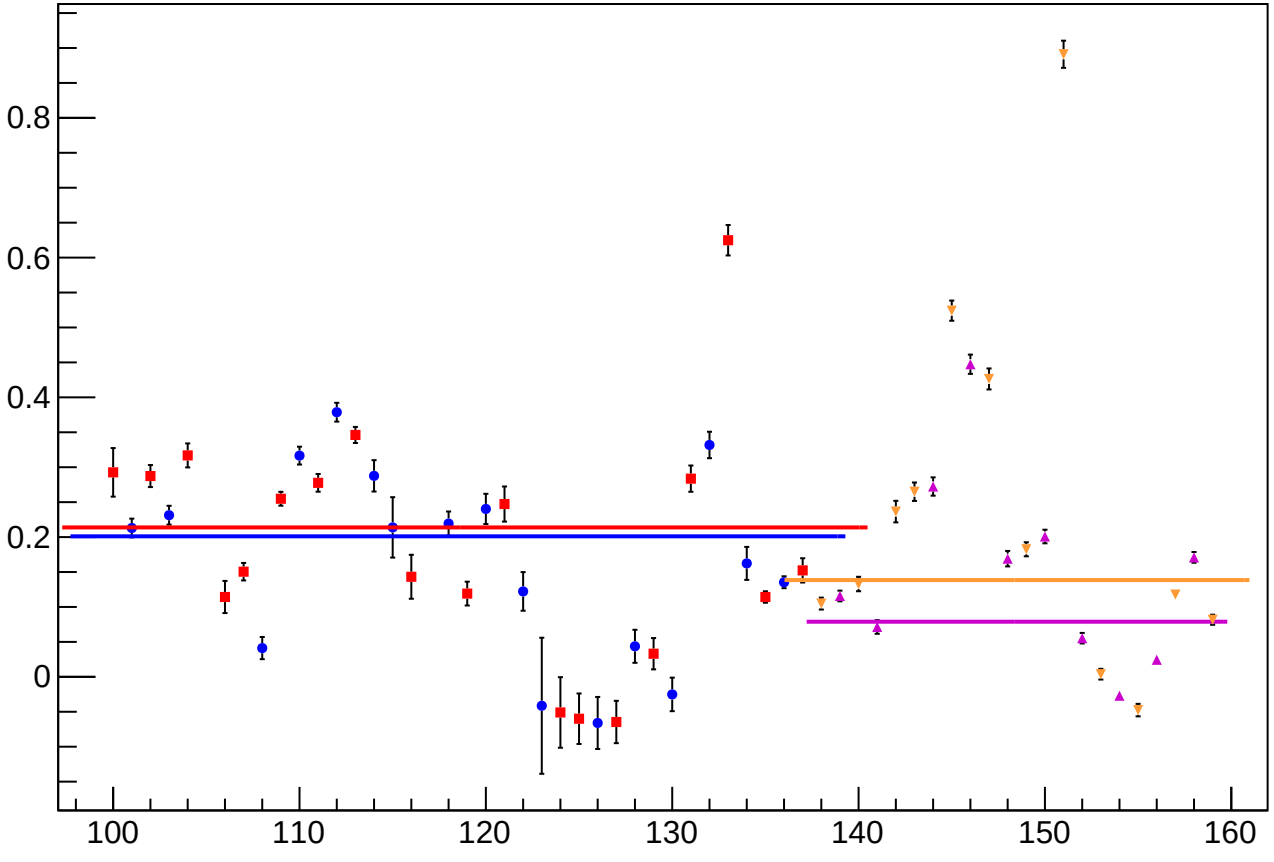
Left In: -1.972+/-0.055 χ^2/NDF:1590.8/9

+ sign -1.947+/-0.047 χ^2/NDF: 3185.2/28

All: -1.867+/-0.031 χ^2/NDF: 6308.6/57

- sign -1.803+/-0.042 χ^2/NDF: 3118.2/28

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.138+/-0.003 χ^2/NDF:3555.4/11

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

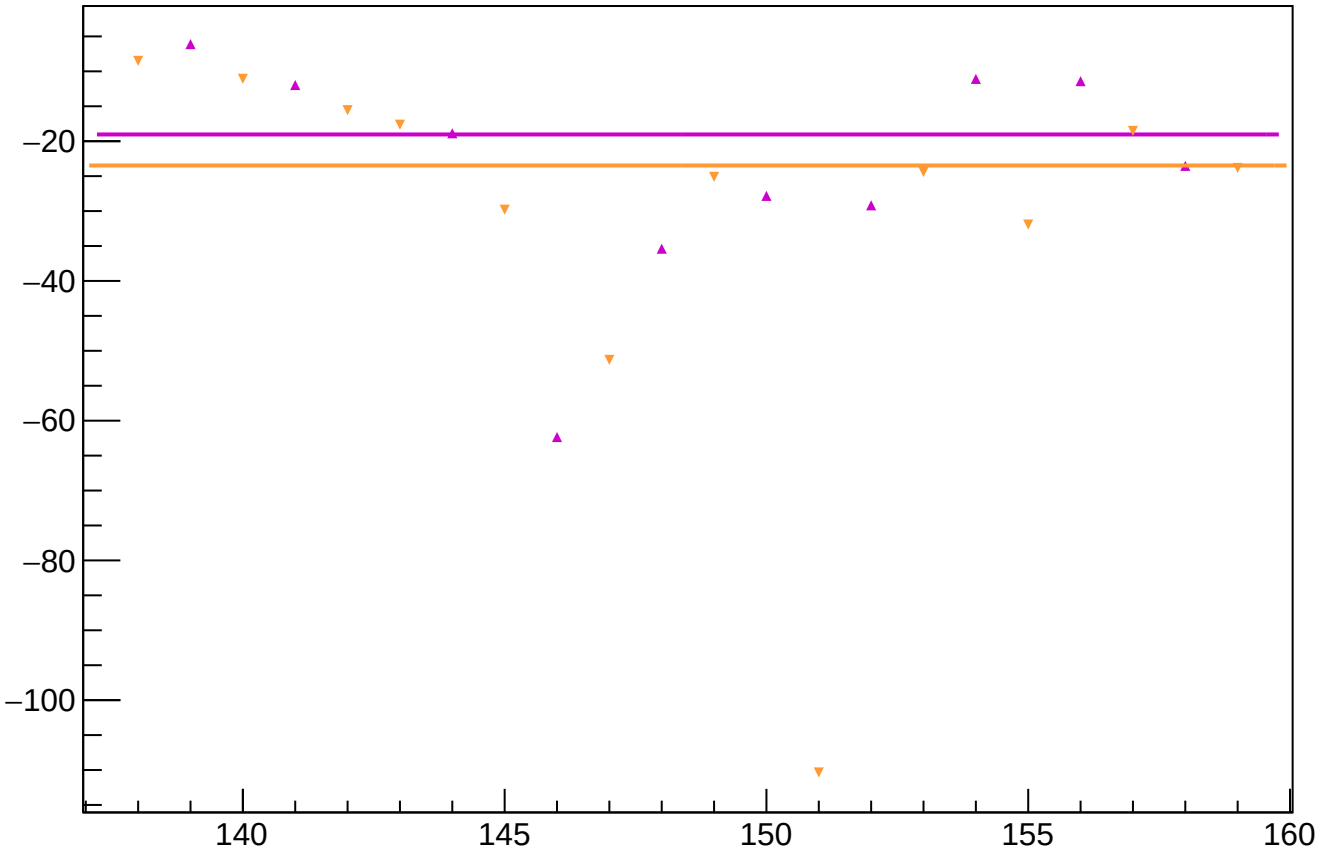
Left In: 0.079+/-0.002 χ^2/NDF:1929.0/9

+ sign 0.158+/-0.002 χ^2/NDF: 4404.1/28

All: 0.135+/-0.002 χ^2/NDF: 8533.6/57

- sign 0.119+/-0.002 χ^2/NDF: 3961.0/28

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.475+/-0.077 χ^2/NDF:50225.4/11

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

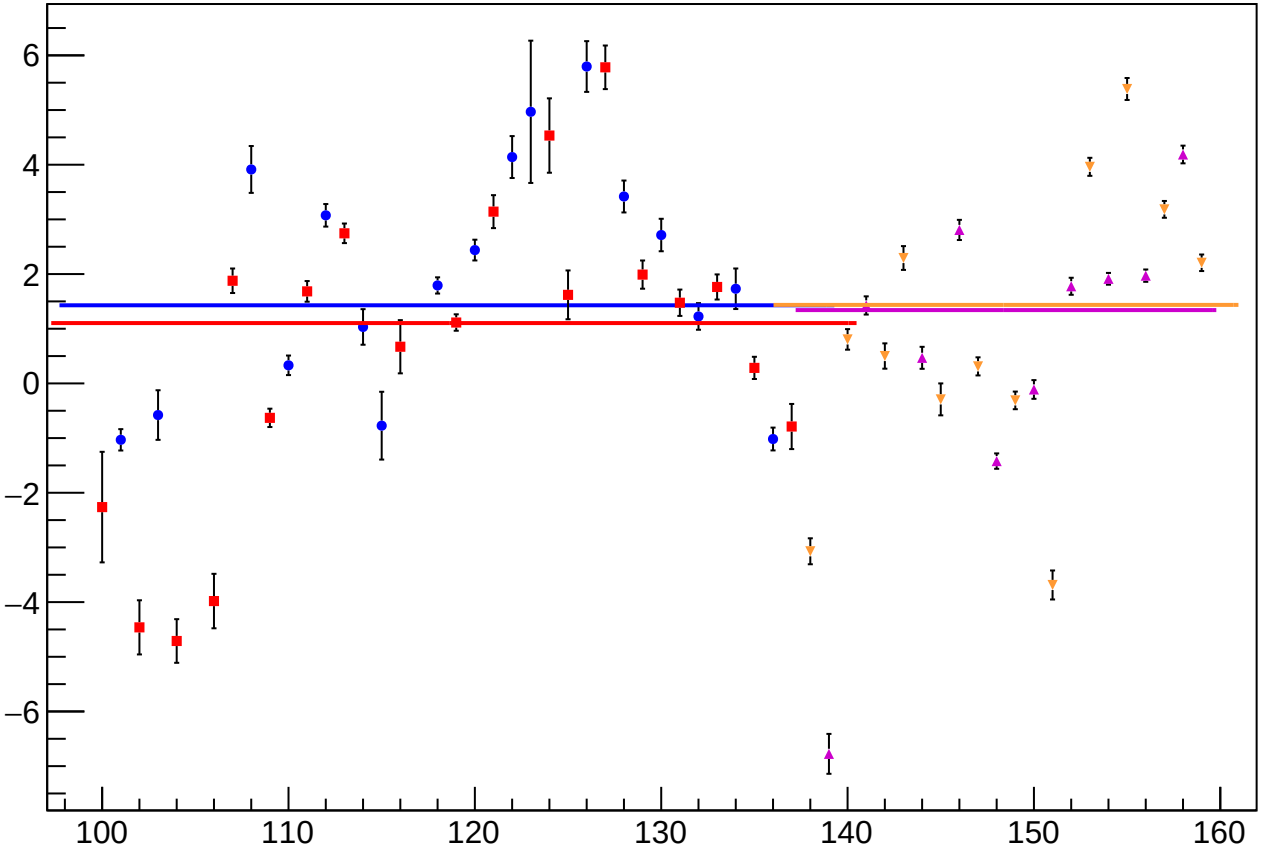
Left In: -19.033+/-0.069 χ^2/NDF:35482.1/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.027+/-0.052 χ^2/NDF: 87545.8/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 1.436+/-0.055 χ^2/NDF:1750.9/11

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

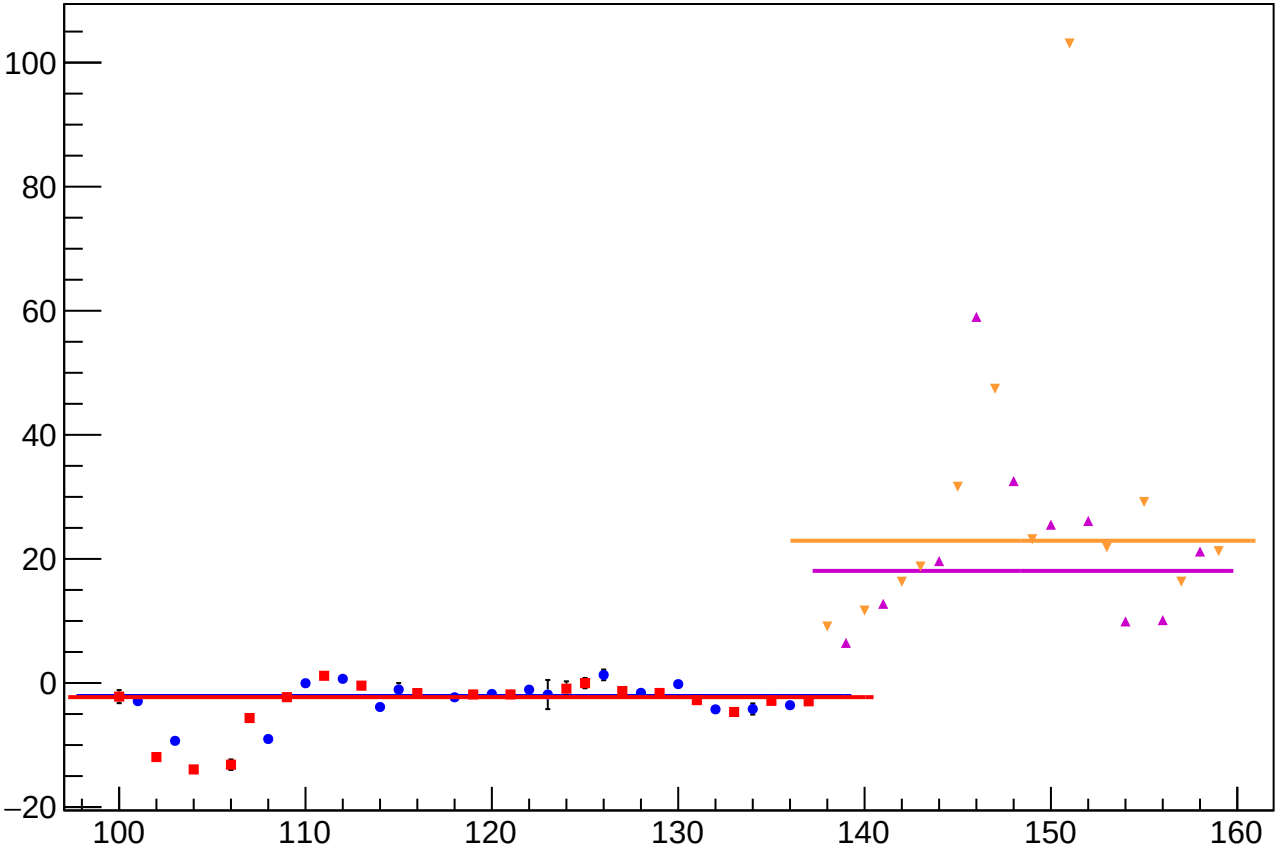
Left In: 1.341+/-0.048 χ^2/NDF:1411.0/9

+ sign 1.433+/-0.041 χ^2/NDF: 2462.3/28

All: 1.331+/-0.028 χ^2/NDF: 4830.8/57

- sign 1.246+/-0.038 χ^2/NDF: 2357.1/28

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 22.931+/-0.075 χ^2/NDF:45338.8/11

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

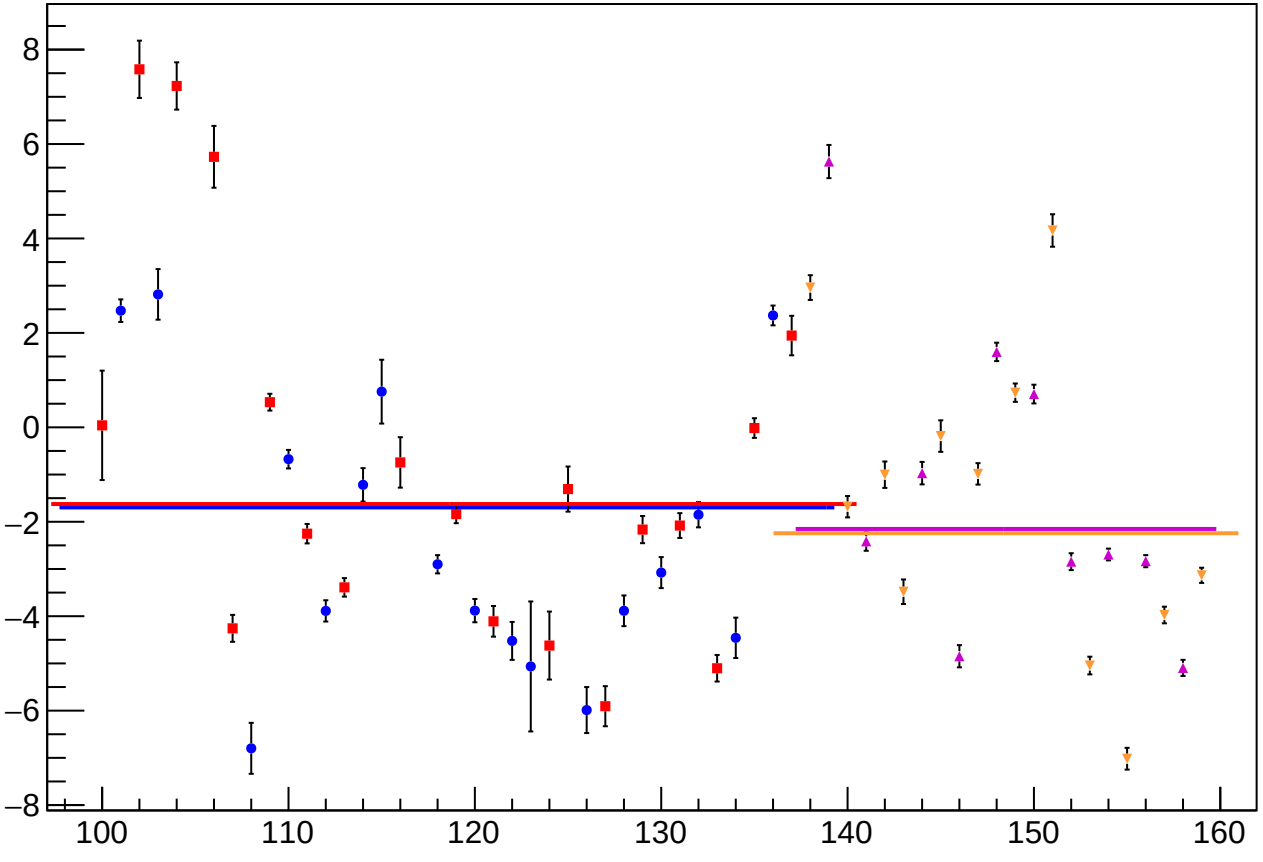
Left In: 18.073+/-0.067 χ^2/NDF:33173.5/9

+ sign 15.182+/-0.063 χ^2/NDF: 79929.4/28

All: 13.334+/-0.042 χ^2/NDF: 143800.3/57

- sign 11.870+/-0.056 χ^2/NDF: 62312.1/28

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -2.243+/-0.064 χ^2/NDF:1873.2/11

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

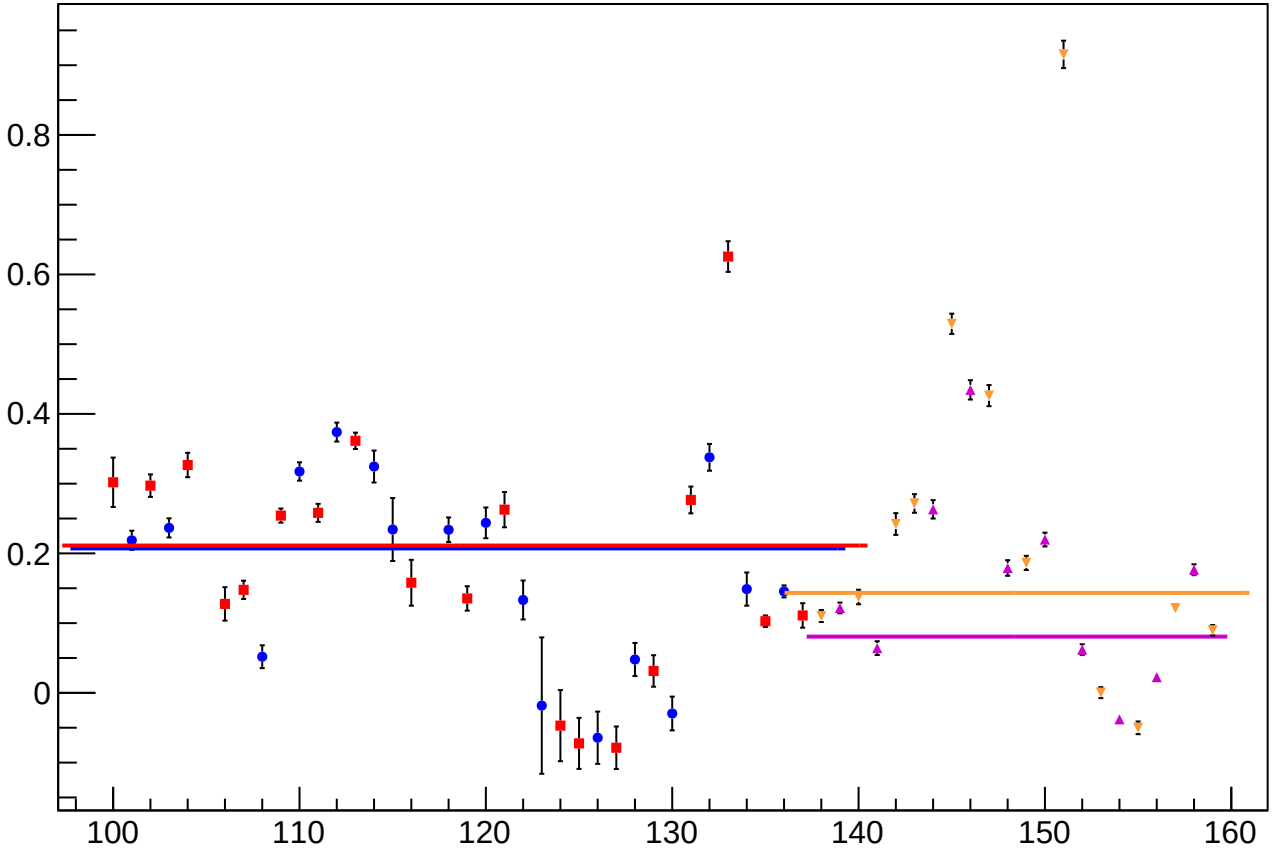
Left In: -2.152+/-0.057 χ^2/NDF:1584.6/9

+ sign -1.999+/-0.048 χ^2/NDF: 3238.9/28

All: -1.962+/-0.032 χ^2/NDF: 6328.1/57

- sign -1.932+/-0.043 χ^2/NDF: 3088.1/28

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.143+/-0.003 χ^2/NDF:3603.1/11

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

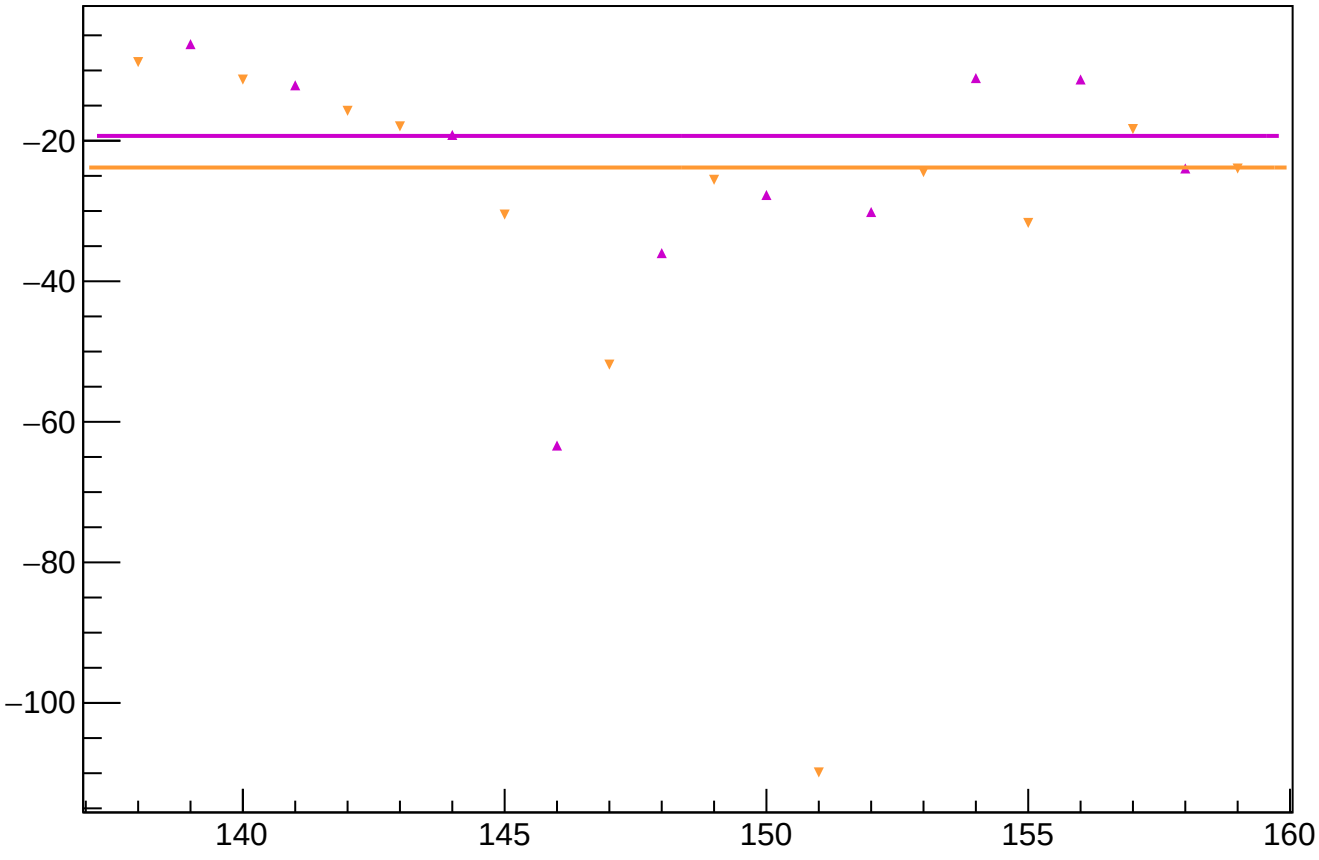
Left In: 0.081+/-0.002 χ^2/NDF:1978.6/9

+ sign 0.164+/-0.002 χ^2/NDF: 4416.7/28

All: 0.138+/-0.002 χ^2/NDF: 8591.6/57

- sign 0.119+/-0.002 χ^2/NDF: 3974.5/28

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.810+/-0.078 χ^2/NDF:49518.0/11

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

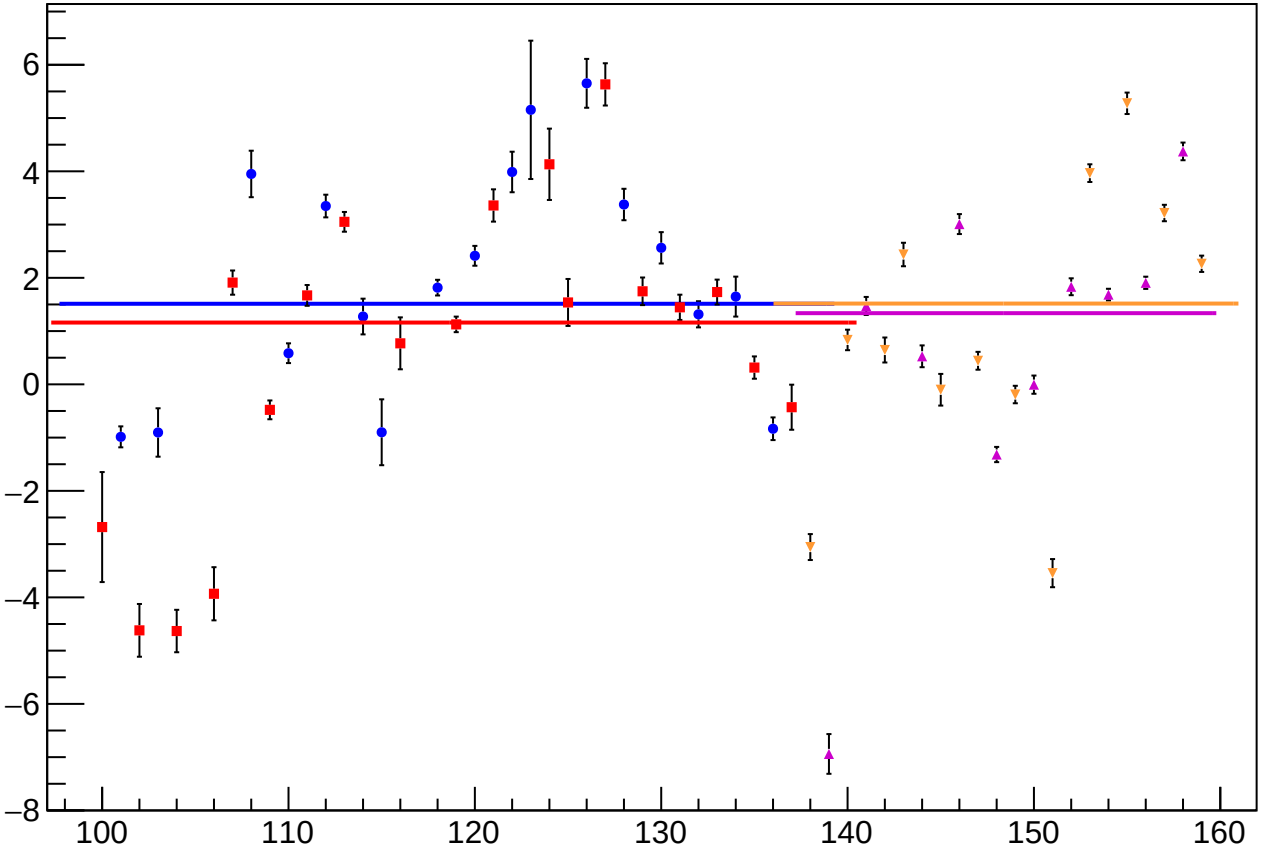
Left In: -19.313+/-0.071 χ^2/NDF:35765.2/9

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.341+/-0.052 χ^2/NDF: 87109.9/21

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513+/-0.063 χ^2/NDF: 669.7/16

Left Out: 1.517+/-0.055 χ^2/NDF:1653.9/11

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

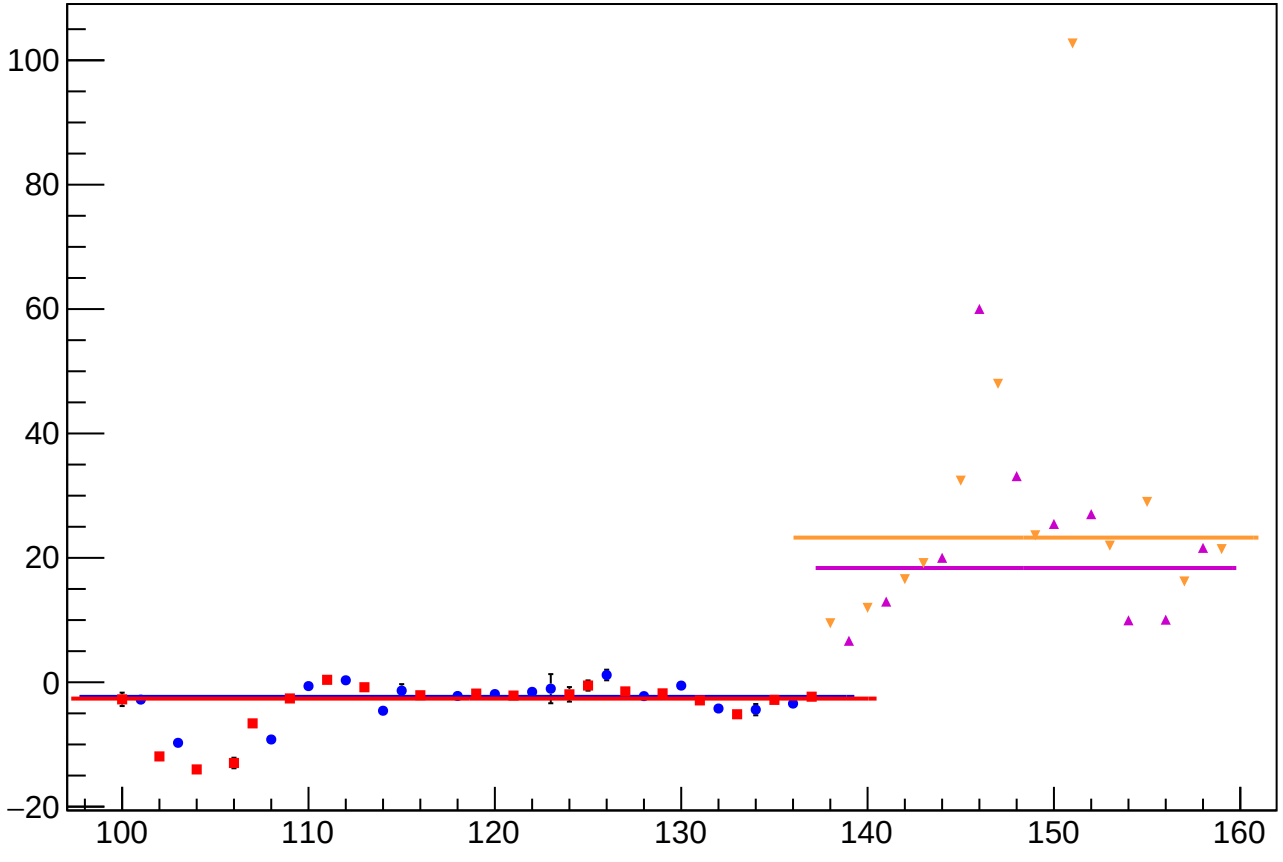
Left In: 1.336+/-0.049 χ^2/NDF:1374.1/9

+ sign 1.515+/-0.041 χ^2/NDF: 2323.6/28

All: 1.380+/-0.028 χ^2/NDF: 4639.6/57

- sign 1.266+/-0.038 χ^2/NDF: 2296.3/28

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 23.257+/-0.076 χ^2/NDF:44822.7/11

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

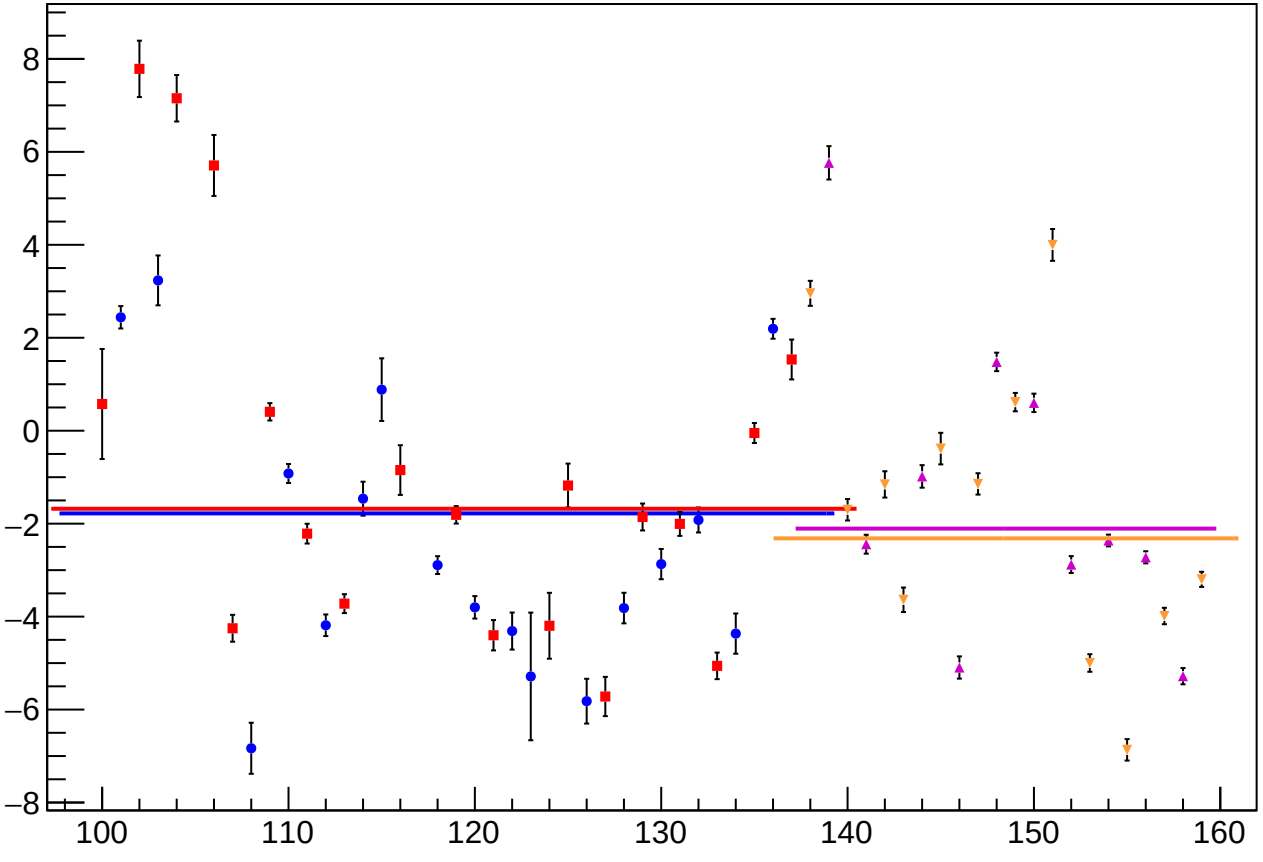
Left In: 18.370+/-0.068 χ^2/NDF:33469.0/9

+ sign 15.355+/-0.063 χ^2/NDF: 79964.4/28

All: 13.496+/-0.042 χ^2/NDF: 144639.9/57

- sign 12.007+/-0.057 χ^2/NDF: 63131.6/28

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -2.316+/-0.065 χ^2/NDF:1759.1/11

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

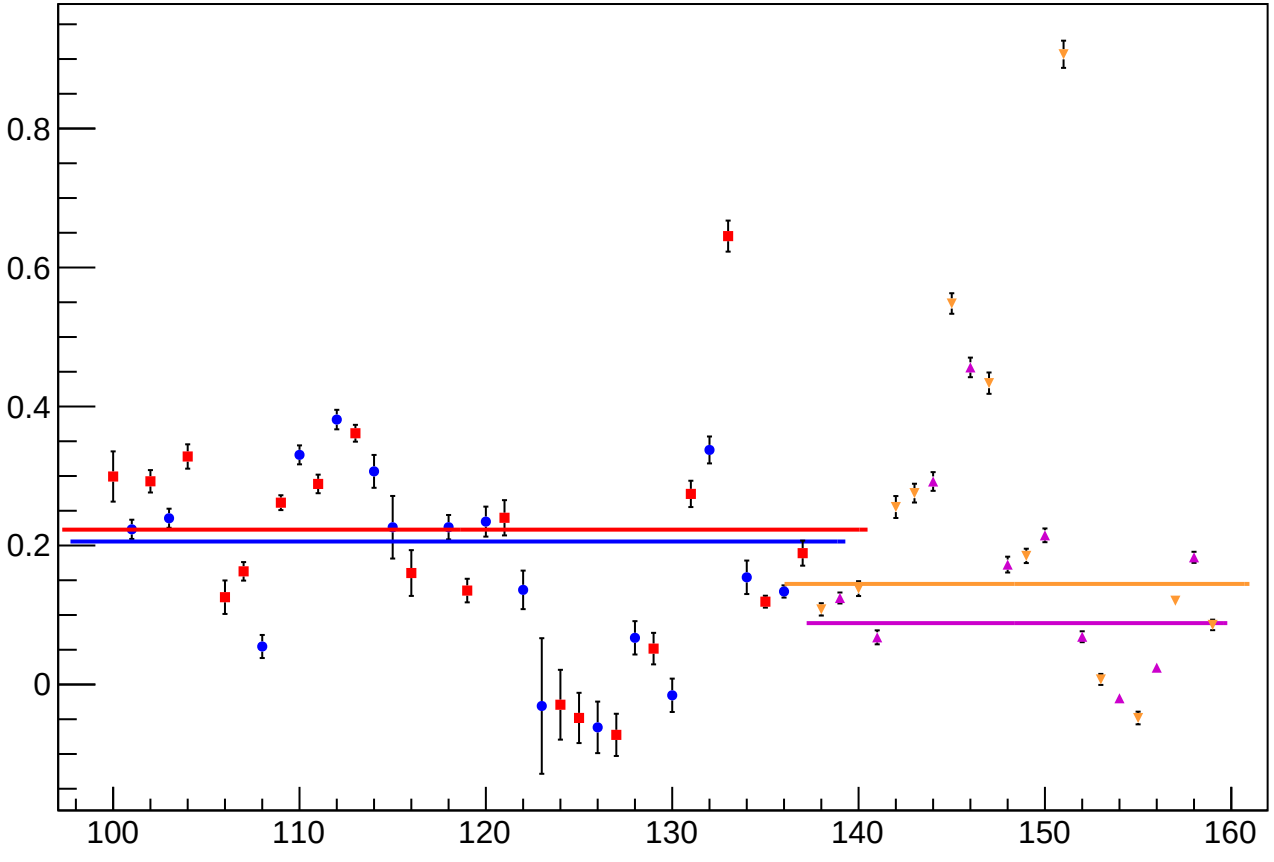
Left In: -2.106+/-0.058 χ^2/NDF:1547.8/9

+ sign -2.077+/-0.048 χ^2/NDF: 3061.8/28

All: -1.995+/-0.033 χ^2/NDF: 6067.3/57

- sign -1.928+/-0.044 χ^2/NDF: 3000.3/28

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.145+/-0.003 χ^2/NDF:3609.5/11

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.088+/-0.002 χ^2/NDF:1889.3/9

+ sign 0.164+/-0.002 χ^2/NDF: 4401.9/28

All: 0.144+/-0.002 χ^2/NDF: 8328.9/57

- sign 0.128+/-0.002 χ^2/NDF: 3798.6/28