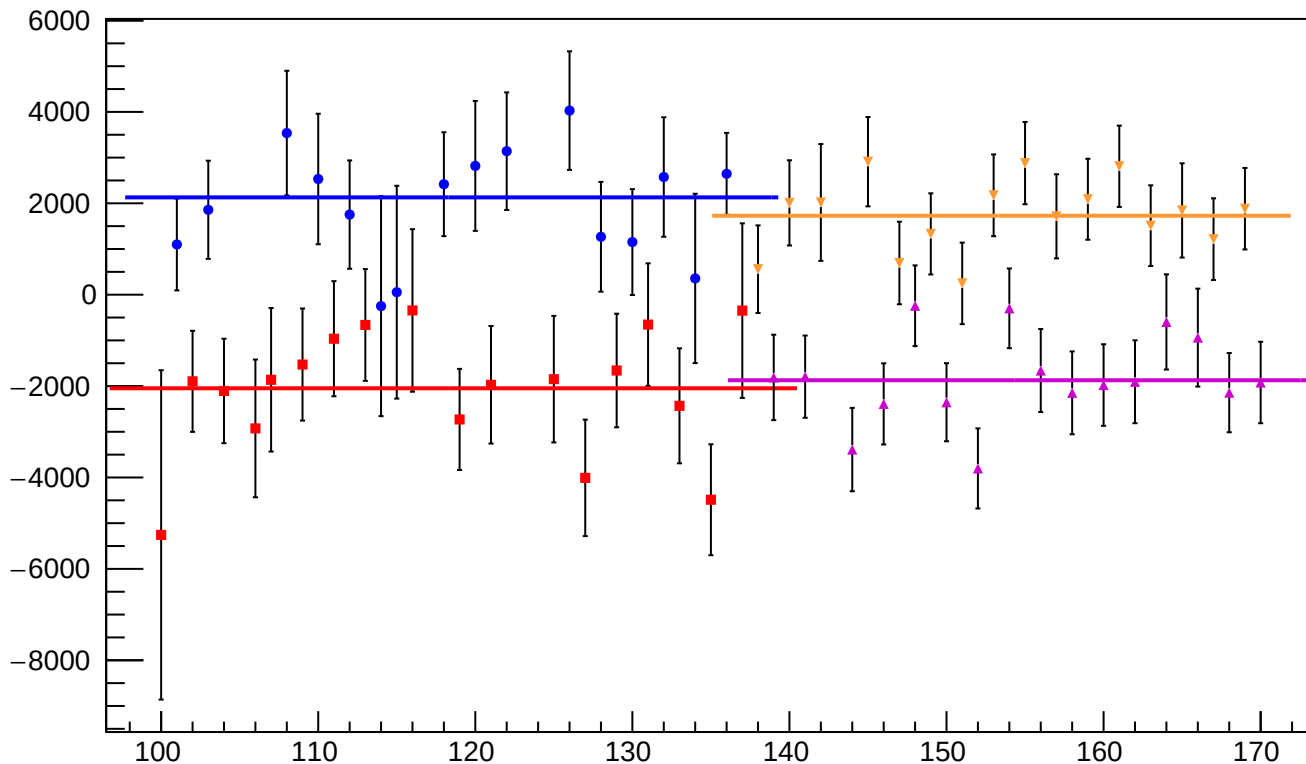


dit_asym_us_avg_mean vs Slug



Right In: 2129.586+/-316.501

χ^2/NDF : 9.8/15

Left Out: 1728.187+/-232.008

χ^2/NDF : 11.3/15

Right Out: -2048.278+/-314.118

χ^2/NDF : 13.2/17

Left In: -1872.576+/-227.053

χ^2/NDF : 17.5/15

+ sign 1868.487+/-187.119

χ^2/NDF : 22.2/31

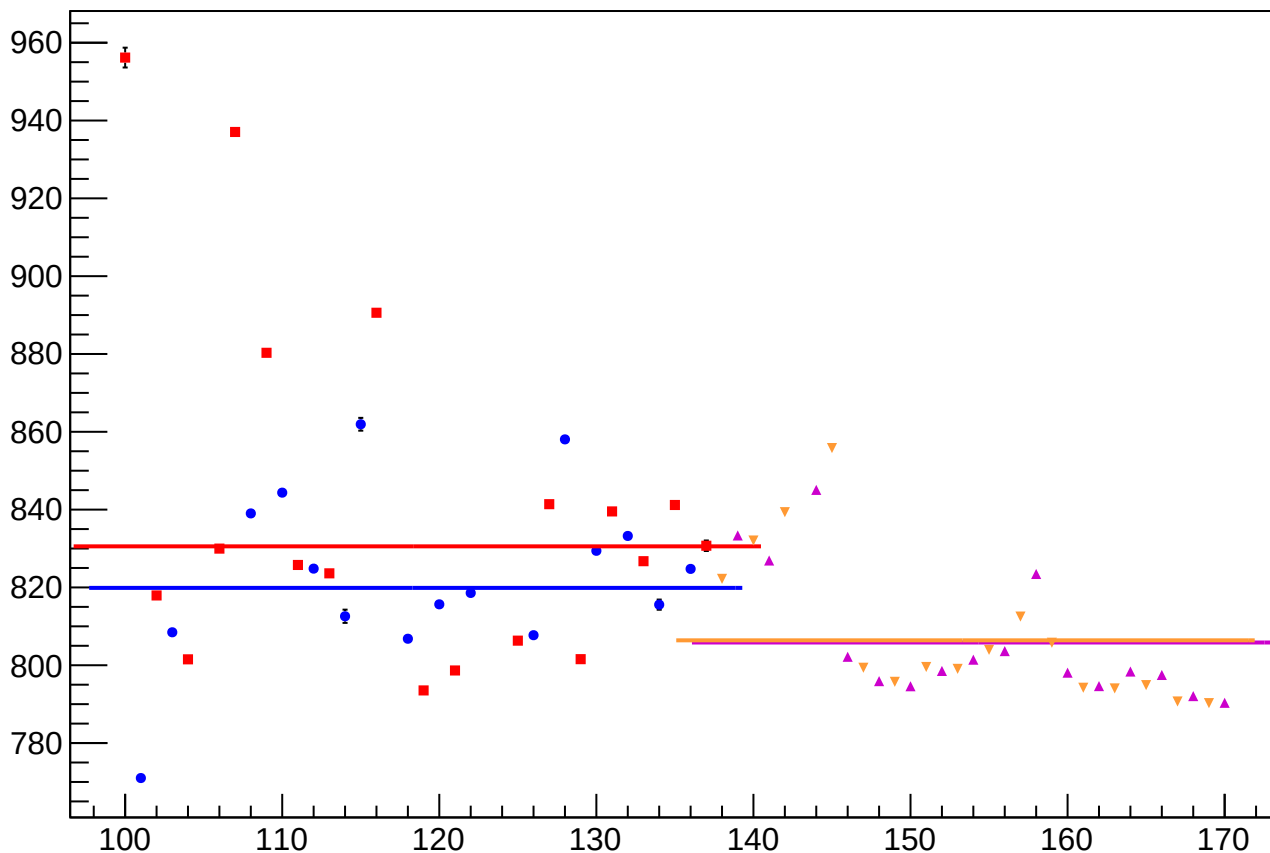
All: -63.985+/-131.202

χ^2/NDF : 262.8/65

- sign -1932.873+/-184.015

χ^2/NDF : 30.8/33

dit_asym_us_avg_rms vs Slug



Right In: 819.883 $\pm$ 0.224 χ^2 /NDF: 9537.8/15

Left Out: 806.402 $\pm$ 0.164 χ^2 /NDF:11548.3/15

Right Out: 830.559 $\pm$ 0.222 χ^2 /NDF: 24429.2/17

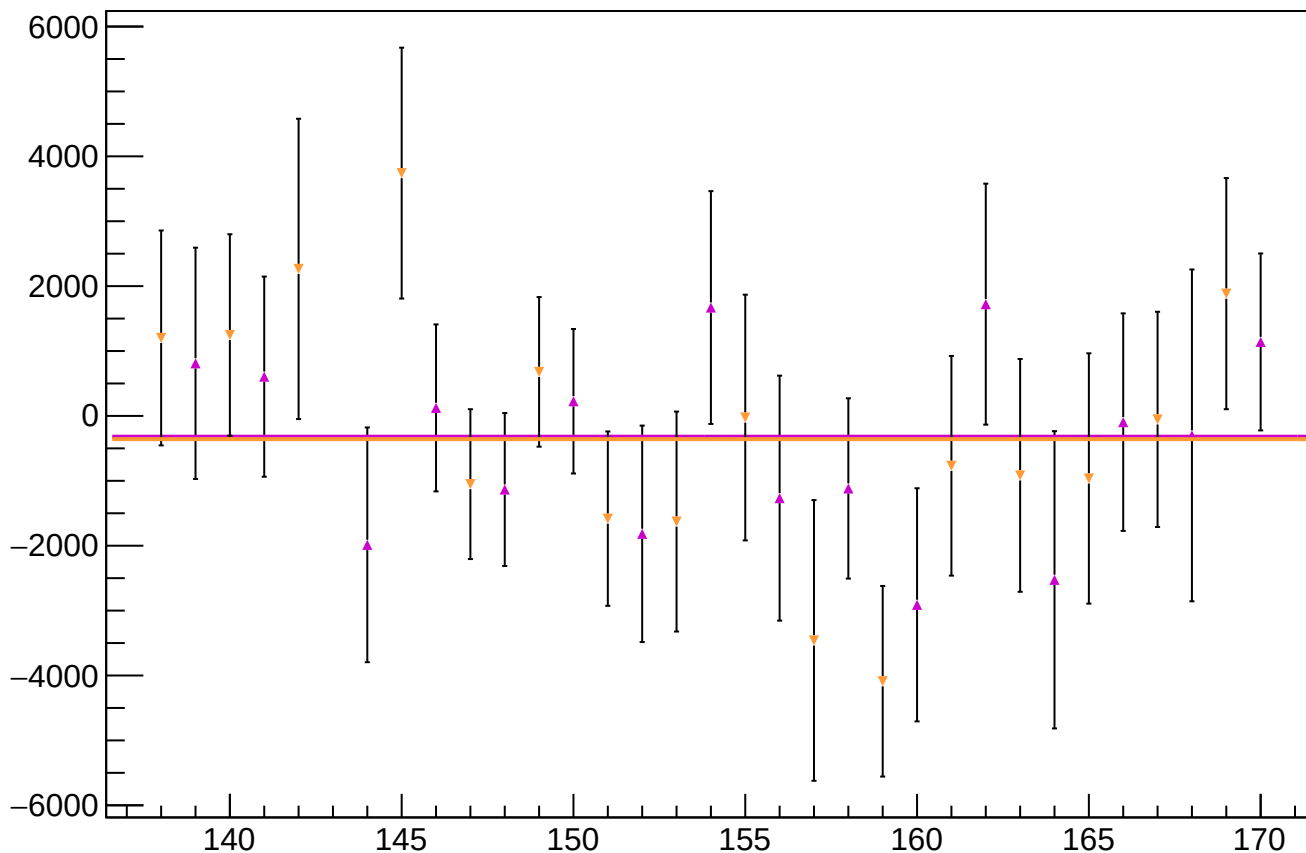
Left In: 805.846 $\pm$ 0.161 χ^2 /NDF:9908.8/15

+ sign 811.114 $\pm$ 0.132 χ^2 /NDF: 23446.1/31

All: 812.747 $\pm$ 0.093 χ^2 /NDF: 66214.6/65

- sign 814.327 $\pm$ 0.130 χ^2 /NDF: 42468.8/33

asym_us_avg_correction_mean vs Slug



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

Left Out: -358.015 $\pm$ 401.506 χ^2 /NDF:20.7/15

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

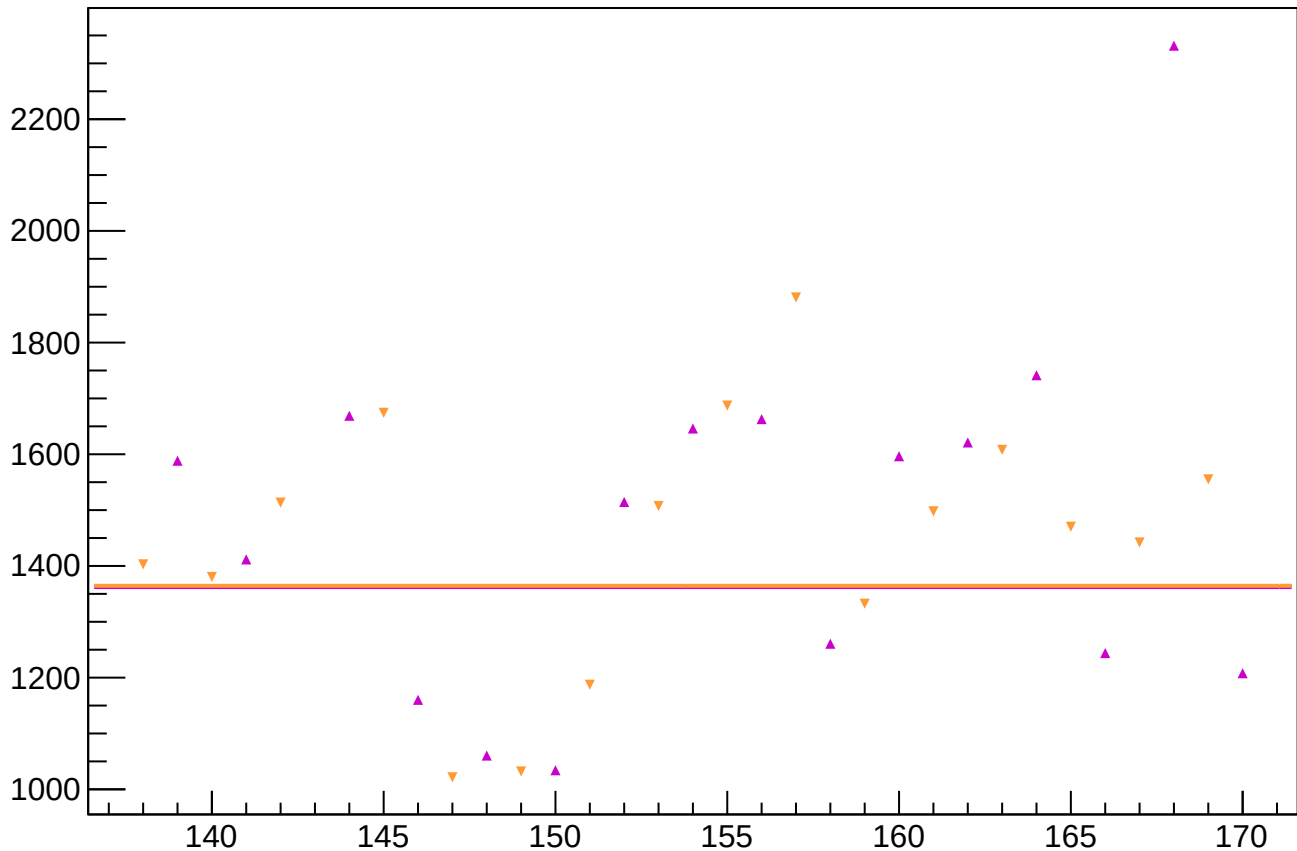
Left In: -320.463 $\pm$ 392.864 χ^2 /NDF:10.4/15

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

All: -338.831 $\pm$ 280.802 χ^2 /NDF: 31.2/31

- sign 0.000 $\pm$ 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: 1364.469+/-0.284 χ^2/NDF : 708491.9/15

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

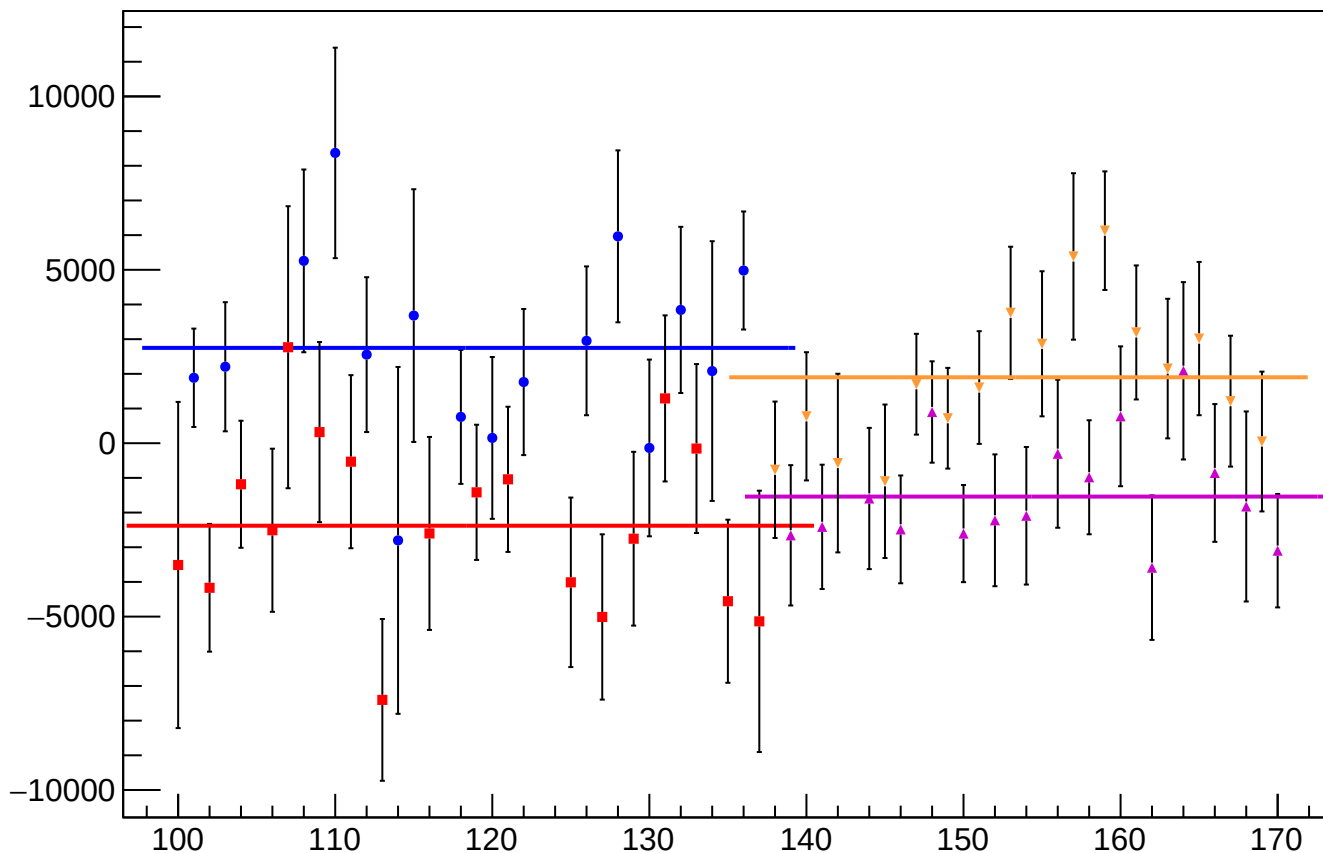
Left In: 1362.208+/-0.278 χ^2/NDF : 1025029.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.314+/-0.199 χ^2/NDF : 1733554.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



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

Left Out: 1901.189 $\pm$ 471.484 χ^2 /NDF:16.8/15

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

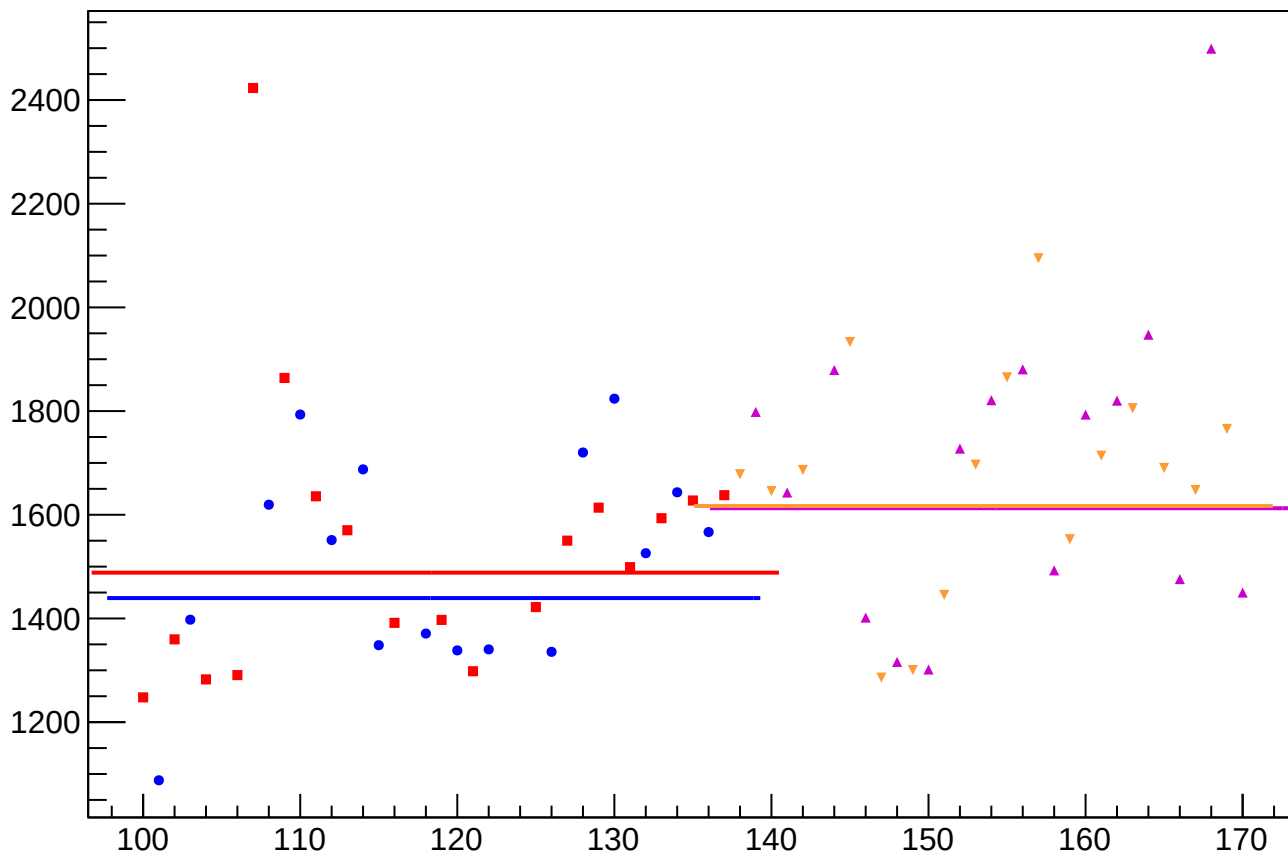
Left In: -1539.216 $\pm$ 461.348 χ^2 /NDF:10.3/15

+ sign 2250.624 $\pm$ 361.456 χ^2 /NDF: 31.6/31

All: 171.245 $\pm$ 254.482 χ^2 /NDF: 125.1/65

- sign -1872.515 $\pm$ 358.347 χ^2 /NDF: 27.8/33

asym_us_avg_rms vs Slug



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

Left Out: 1616.960 $\pm$ 0.333 χ^2 /NDF: 415769.8/15

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

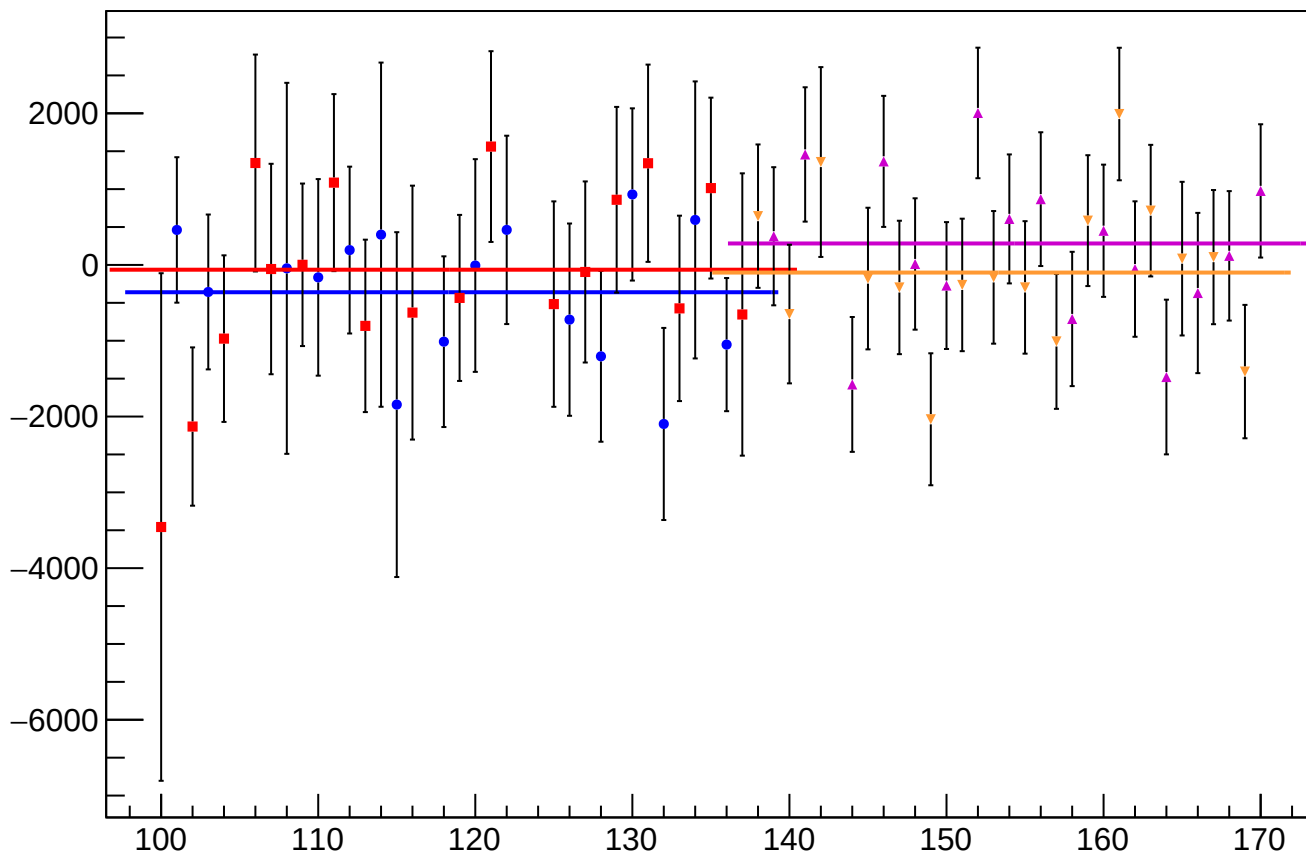
Left In: 1612.594 $\pm$ 0.326 χ^2 /NDF: 649758.9/15

+ sign 1543.729 $\pm$ 0.256 χ^2 /NDF: 810661.8/31

All: 1553.611 $\pm$ 0.180 χ^2 /NDF: 1777216.8/65

- sign 1563.323 $\pm$ 0.253 χ^2 /NDF: 963591.1/33

dit_asym_us_dd_mean vs Slug



Right In: -360.203+/-310.577 χ^2/NDF : 7.1/15

Left Out: -100.633+/-226.926 χ^2/NDF : 18.0/15

Right Out: -62.959+/-298.767 χ^2/NDF : 12.8/17

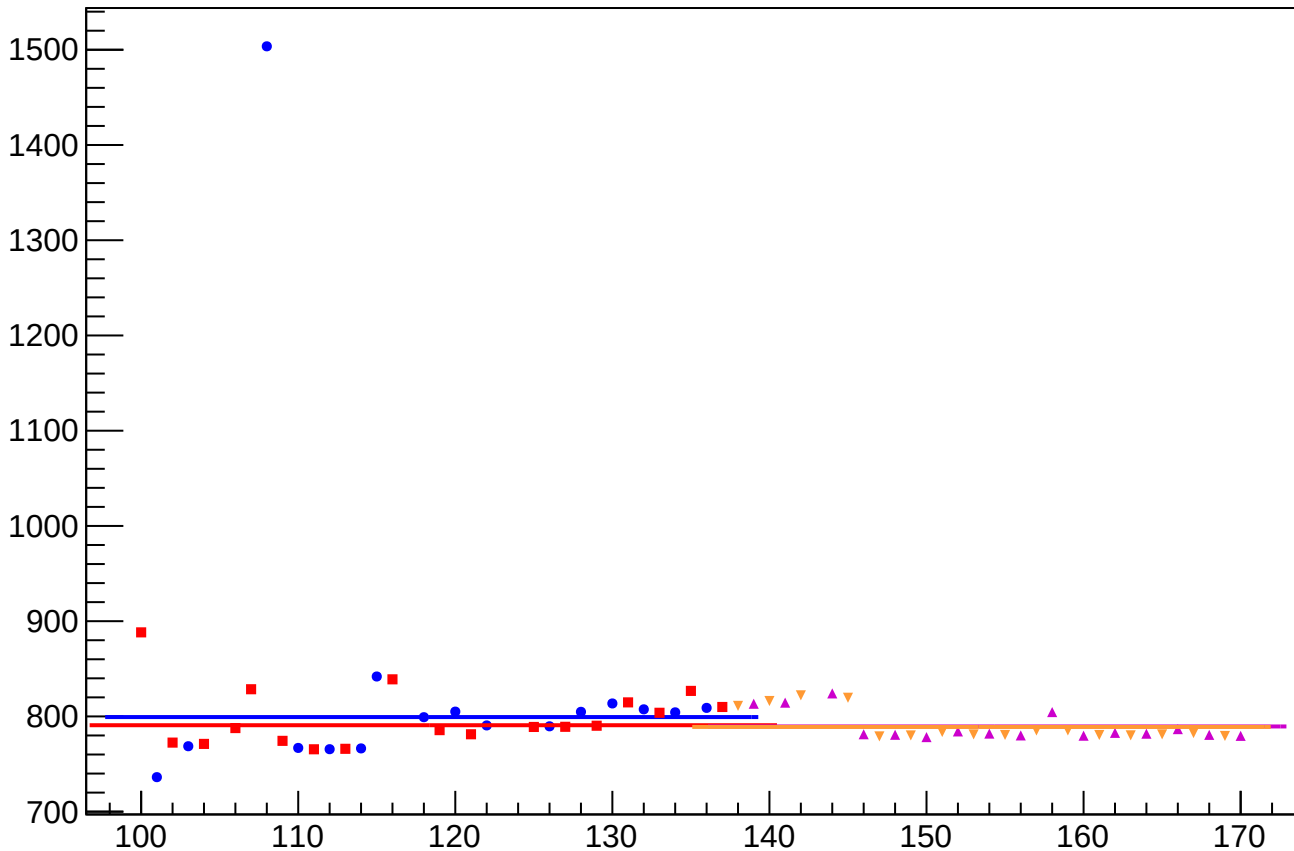
Left In: 283.186+/-222.409 χ^2/NDF : 18.3/15

+ sign -190.976+/-183.227 χ^2/NDF : 25.6/31

All: -10.929+/-127.822 χ^2/NDF : 59.4/65

- sign 159.762+/-178.404 χ^2/NDF : 32.0/33

dit_asym_us_dd_rms vs Slug



Right In: 799.322 ± 0.220 χ^2/NDF : 181303.9/15

Left Out: 788.971 ± 0.160 χ^2/NDF : 8229.2/15

Right Out: 790.760 ± 0.211 χ^2/NDF : 11555.4/17

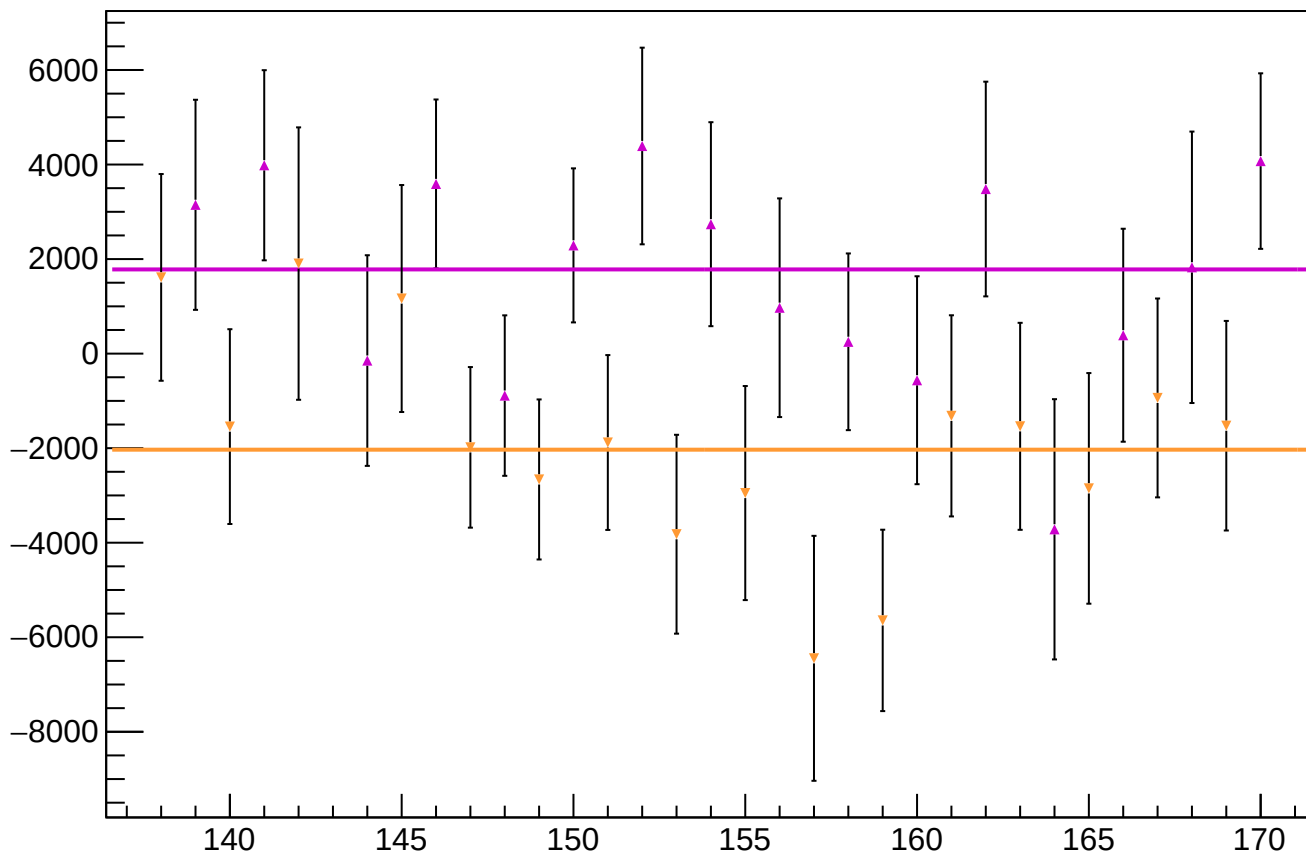
Left In: 789.463 ± 0.157 χ^2/NDF : 8731.8/15

+ sign 792.574 ± 0.130 χ^2/NDF : 190981.6/31

All: 791.214 ± 0.090 χ^2/NDF : 211507.5/65

- sign 789.925 ± 0.126 χ^2/NDF : 20311.4/33

asym_us_dd_correction_mean vs Slug



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

Left Out: -2032.080 $\pm$ 527.403 χ^2 /NDF:14.6/15

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

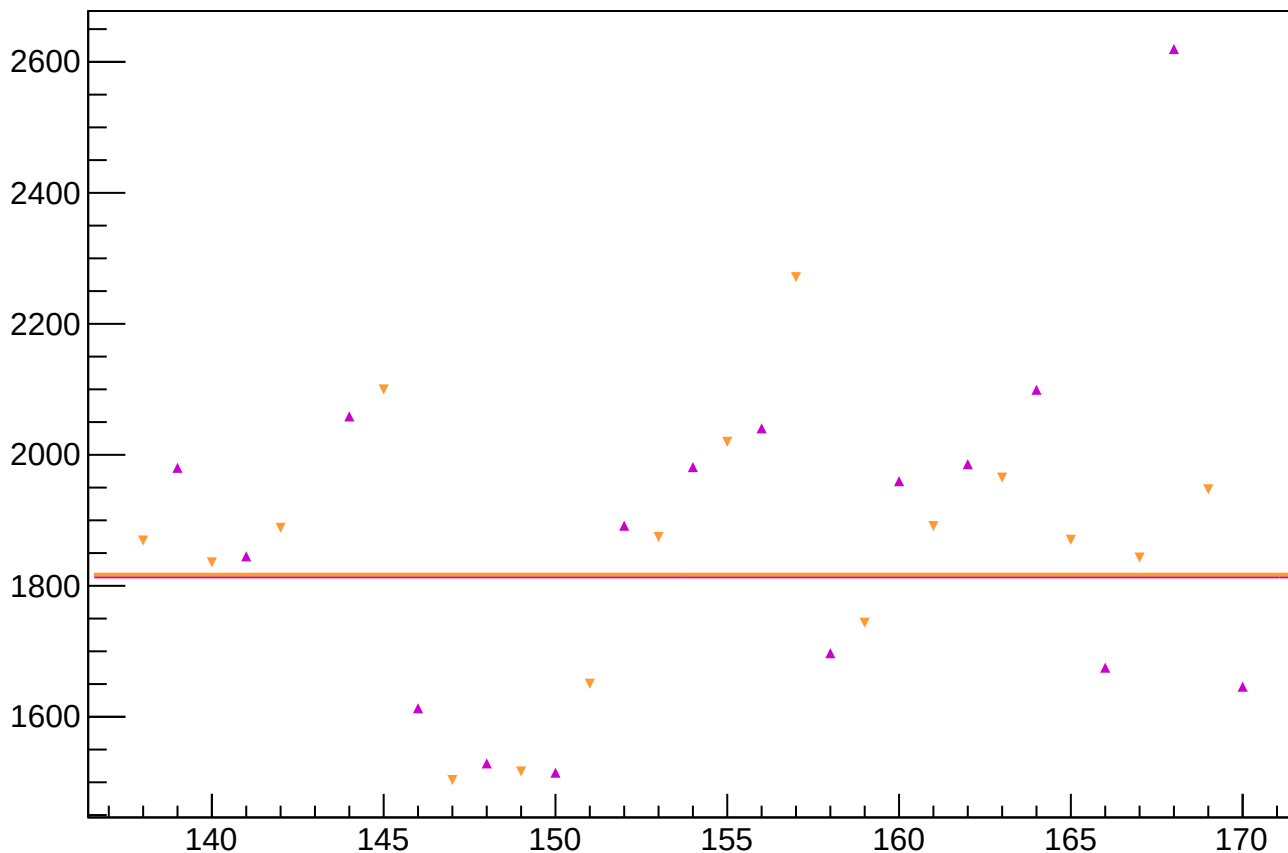
Left In: 1781.121 $\pm$ 516.511 χ^2 /NDF:16.1/15

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

All: -85.698 $\pm$ 369.019 χ^2 /NDF: 57.3/31

- sign 0.000 $\pm$ 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: 1816.967+/-0.373 χ^2/NDF : 279318.4/15

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

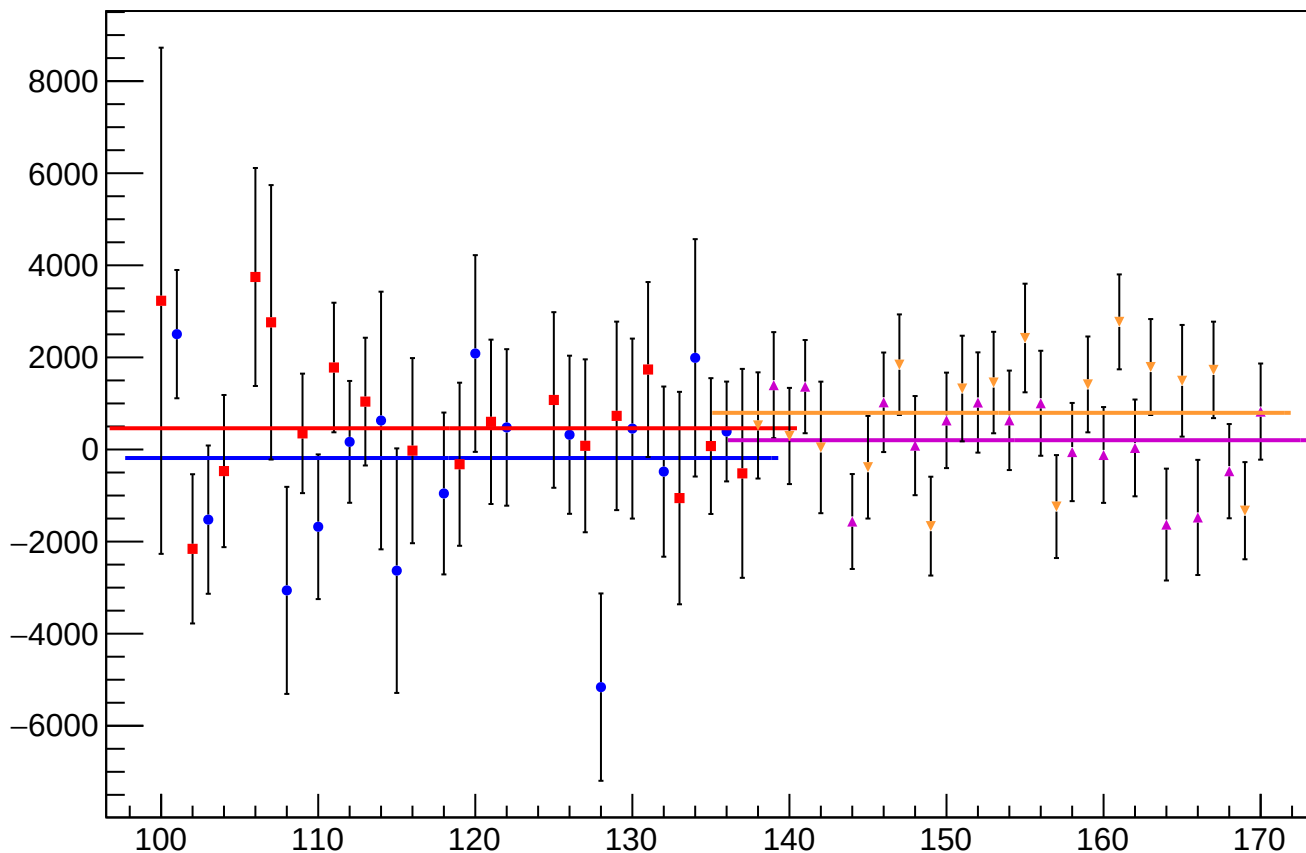
Left In: 1814.419+/-0.365 χ^2/NDF : 450001.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1815.667+/-0.261 χ^2/NDF : 729343.9/31

- 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: 796.117 ± 276.835 χ^2/NDF : 23.8/15

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

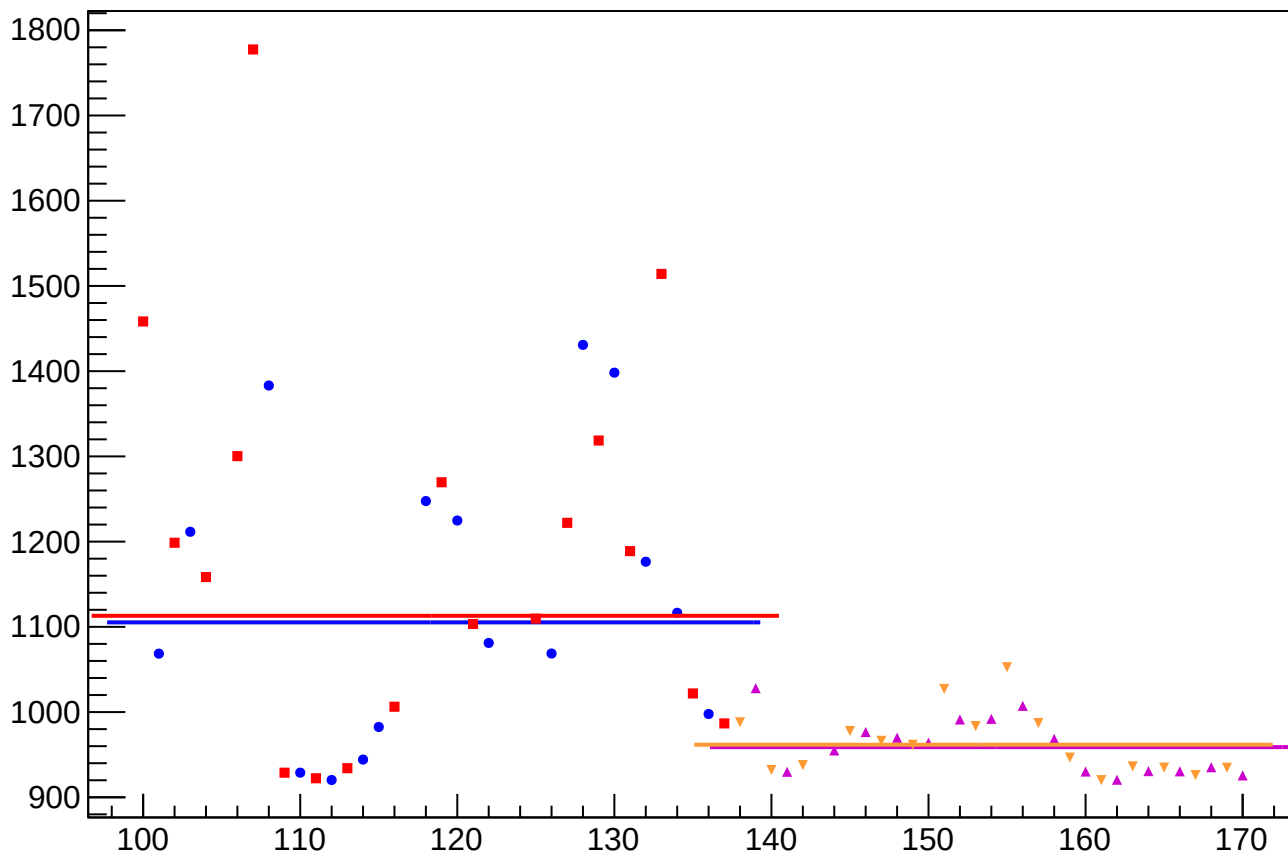
Left In: 201.648 ± 270.290 χ^2/NDF : 12.4/15

+ sign 510.016 ± 233.003 χ^2/NDF : 44.1/31

All: 390.623 ± 163.095 χ^2/NDF : 65.5/65

- sign 275.932 ± 228.369 χ^2/NDF : 20.9/33

asym_us_dd_rms vs Slug



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

Left Out: 961.672+/-0.196 χ^2/NDF :33346.7/15

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

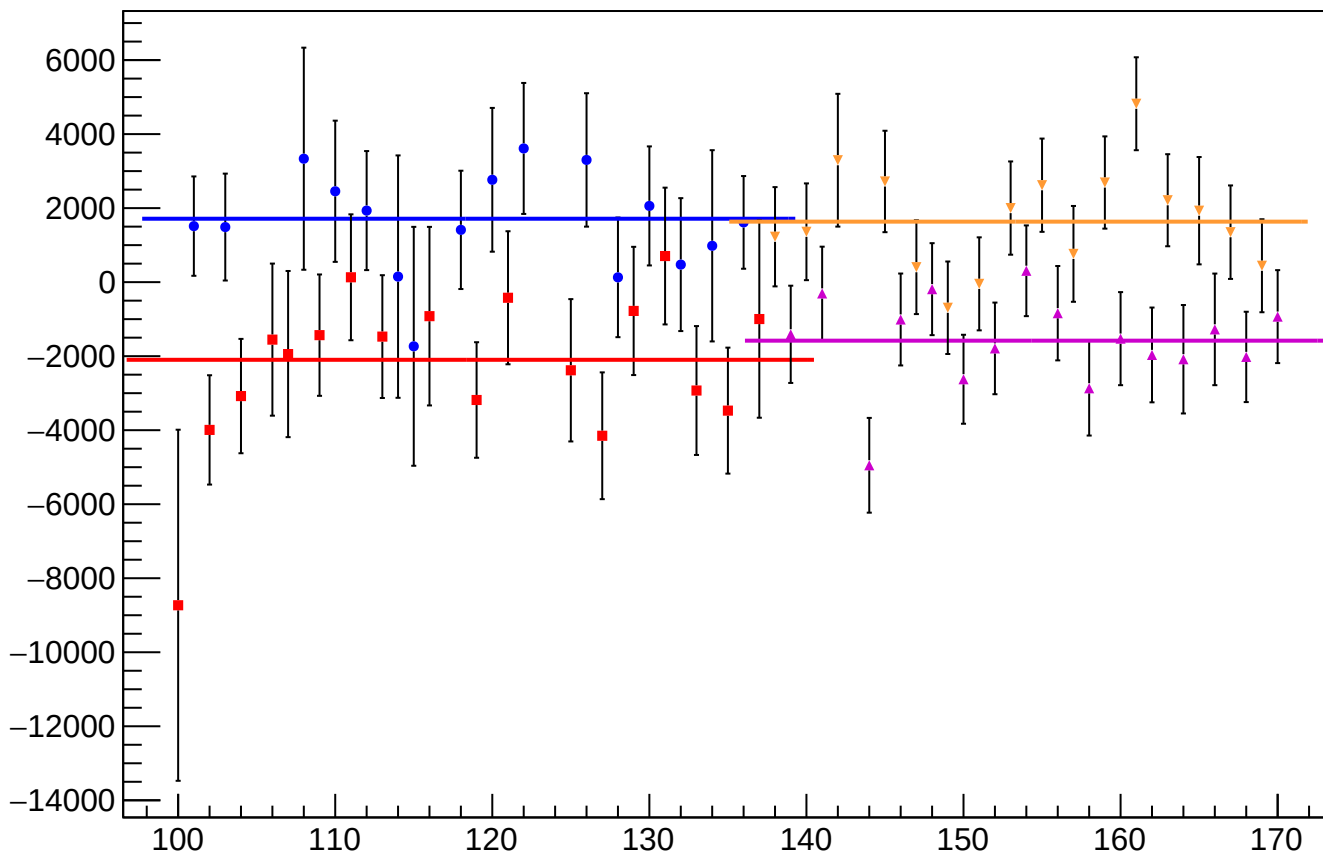
Left In: 958.883+/-0.191 χ^2/NDF :26468.9/15

+ sign 1003.534+/-0.165 χ^2/NDF : 445550.5/31

All: 1003.249+/-0.115 χ^2/NDF : 1021017.0/65

- sign 1002.974+/-0.161 χ^2/NDF : 575460.7/33

dit_asym_usl_mean vs Slug



Right In: 1713.558 $\pm$ 440.802 χ^2 /NDF: 5.7/15

Left Out: 1634.787 $\pm$ 326.198 χ^2 /NDF: 17.3/15

Right Out: -2098.291 $\pm$ 431.016 χ^2 /NDF: 13.1/17

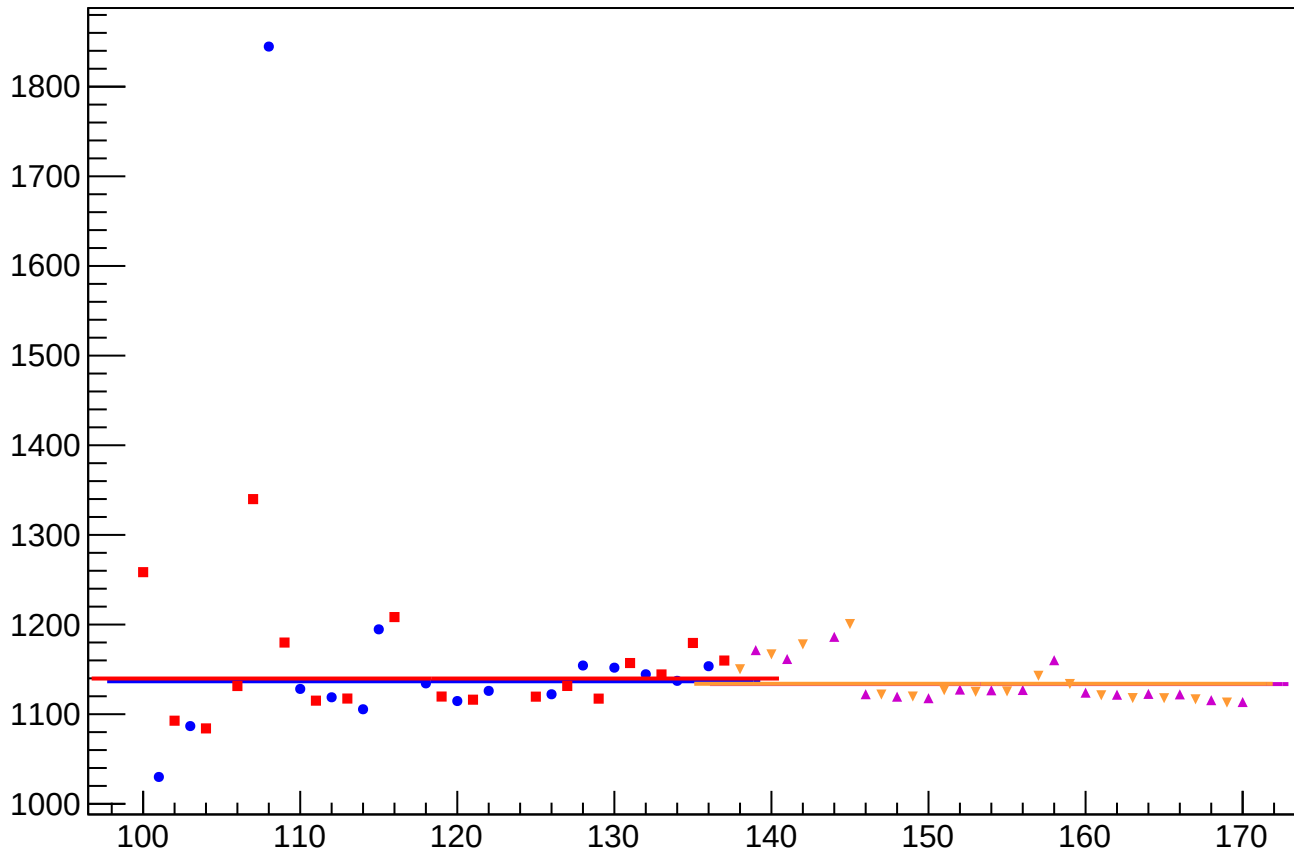
Left In: -1581.143 $\pm$ 319.388 χ^2 /NDF: 14.6/15

+ sign 1662.659 $\pm$ 262.210 χ^2 /NDF: 23.1/31

All: -87.864 $\pm$ 183.400 χ^2 /NDF: 138.9/65

- sign -1764.453 $\pm$ 256.613 χ^2 /NDF: 28.6/33

dit_asym_usl_rms vs Slug



Right In: 1136.737 $\pm$ 0.312 χ^2 /NDF: 128798.3/15

Left Out: 1133.939 $\pm$ 0.231 χ^2 /NDF: 9992.5/15

Right Out: 1139.790 $\pm$ 0.305 χ^2 /NDF: 28066.5/17

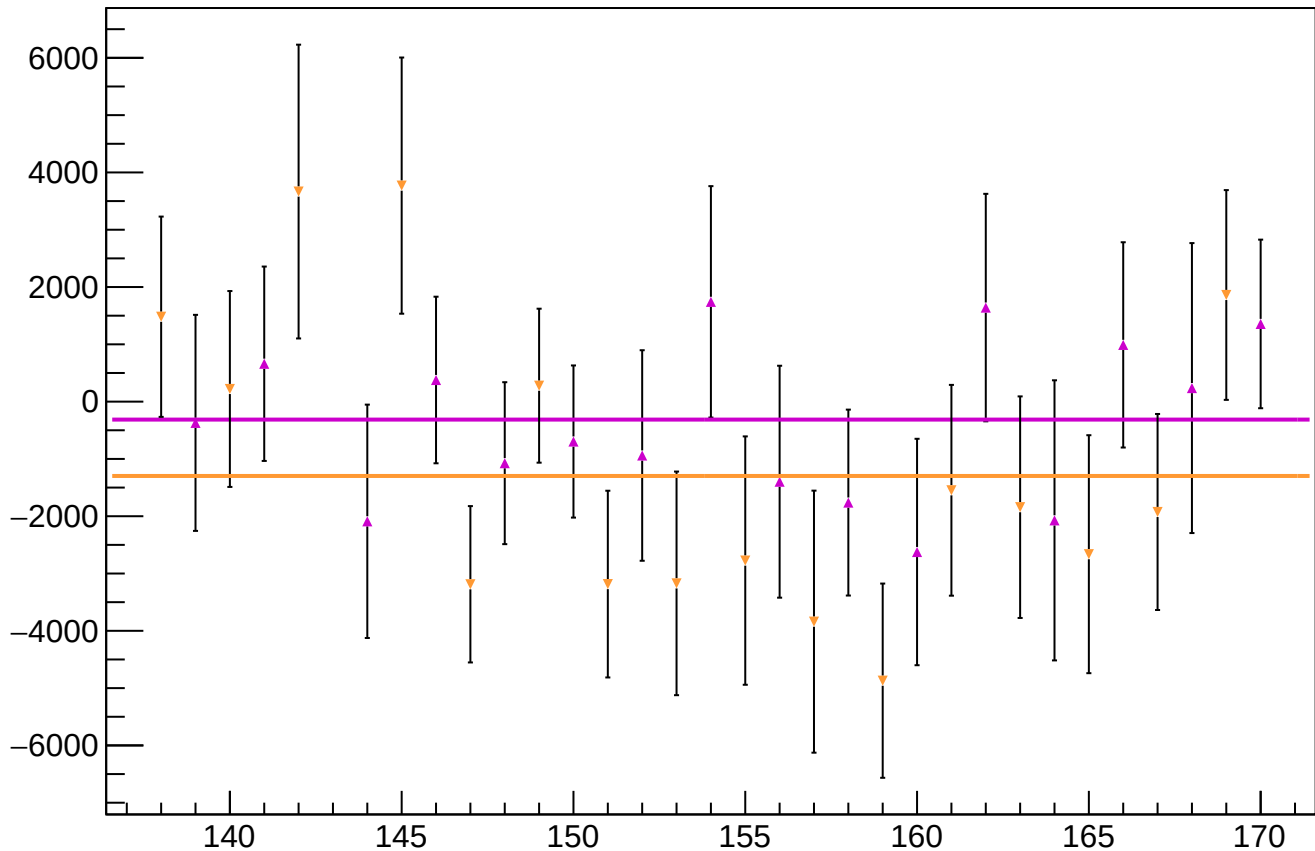
Left In: 1133.592 $\pm$ 0.226 χ^2 /NDF: 9286.4/15

+ sign 1134.929 $\pm$ 0.185 χ^2 /NDF: 138842.9/31

All: 1135.368 $\pm$ 0.130 χ^2 /NDF: 176473.8/65

- sign 1135.789 $\pm$ 0.181 χ^2 /NDF: 37619.9/33

asym_usl_correction_mean vs Slug



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

Left Out: -1297.349+/-449.935 χ^2/NDF : 27.5/15

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

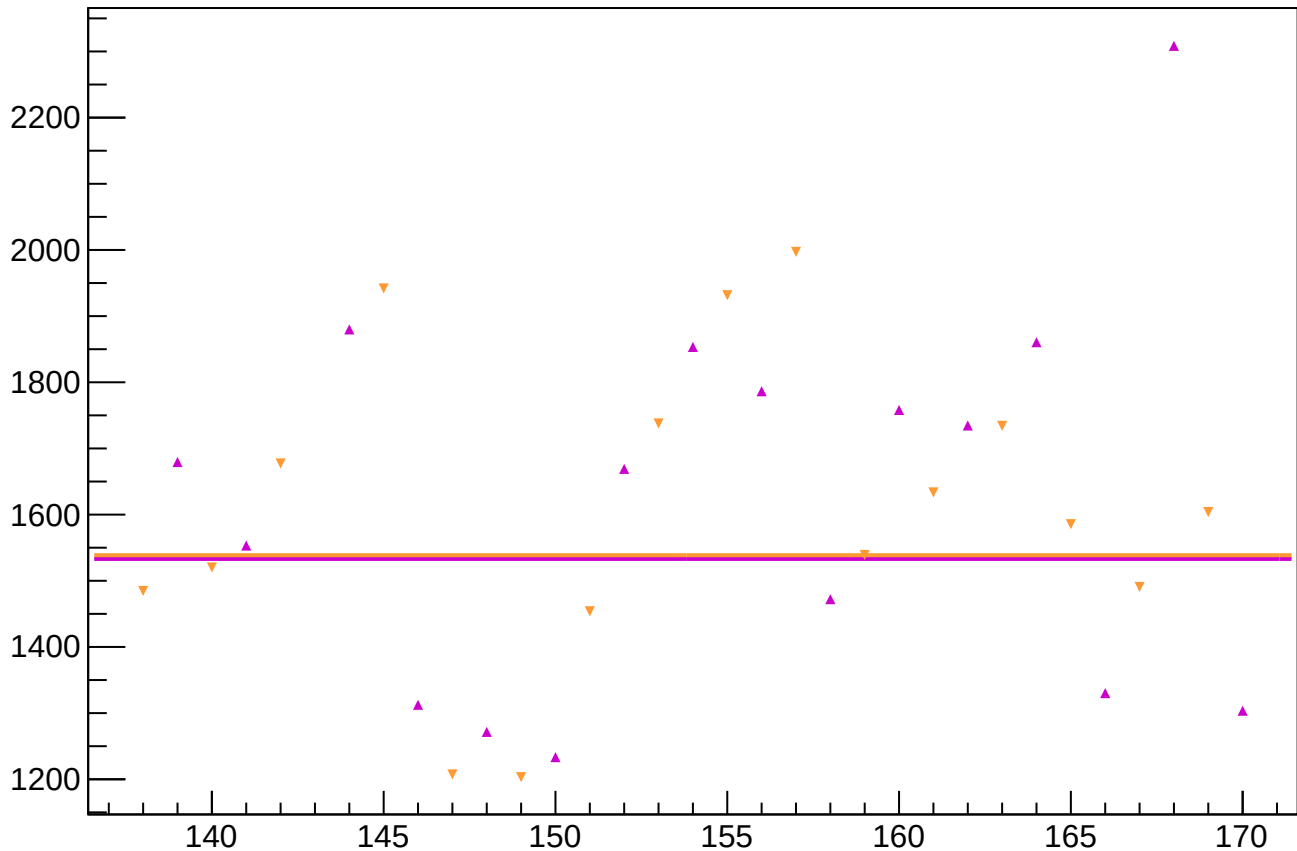
Left In: -313.434+/-439.201 χ^2/NDF : 8.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -793.515+/-314.289 χ^2/NDF : 38.6/31

- 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: 1538.673+/-0.318 χ^2/NDF : 518963.2/15

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

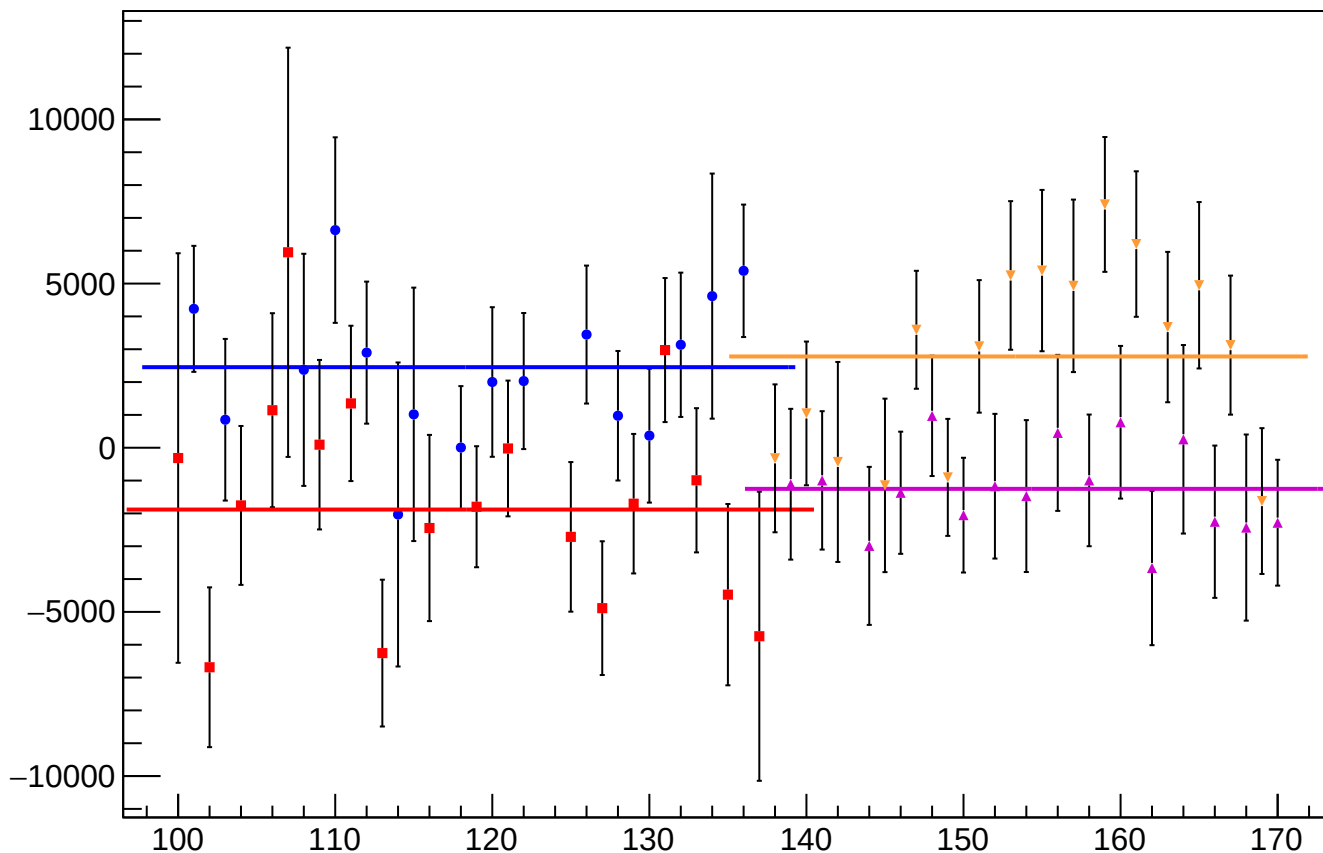
Left In: 1533.041+/-0.311 χ^2/NDF : 726754.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.789+/-0.222 χ^2/NDF : 1245878.4/31

- 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: 2779.831 ± 555.033 χ^2/NDF : 25.7/15

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

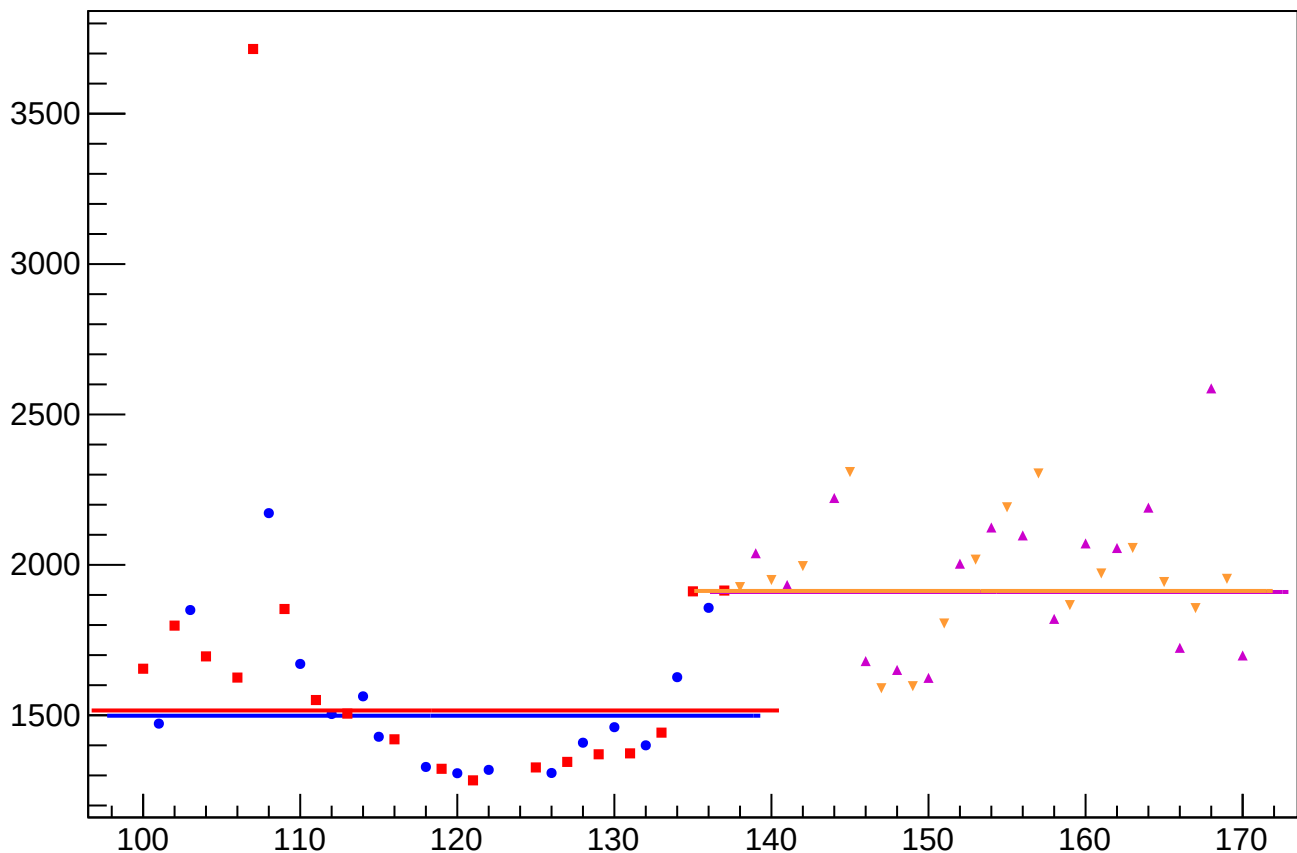
Left In: -1252.359 ± 543.122 χ^2/NDF : 5.5/15

+ sign 2625.125 ± 402.419 χ^2/NDF : 36.6/31

All: 514.107 ± 282.782 χ^2/NDF : 119.8/65

- sign -1545.160 ± 397.455 χ^2/NDF : 28.9/33

asym_usl_rms vs Slug



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

Left Out: 1913.305 $\pm$ 0.392 χ^2 /NDF: 267289.7/15

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

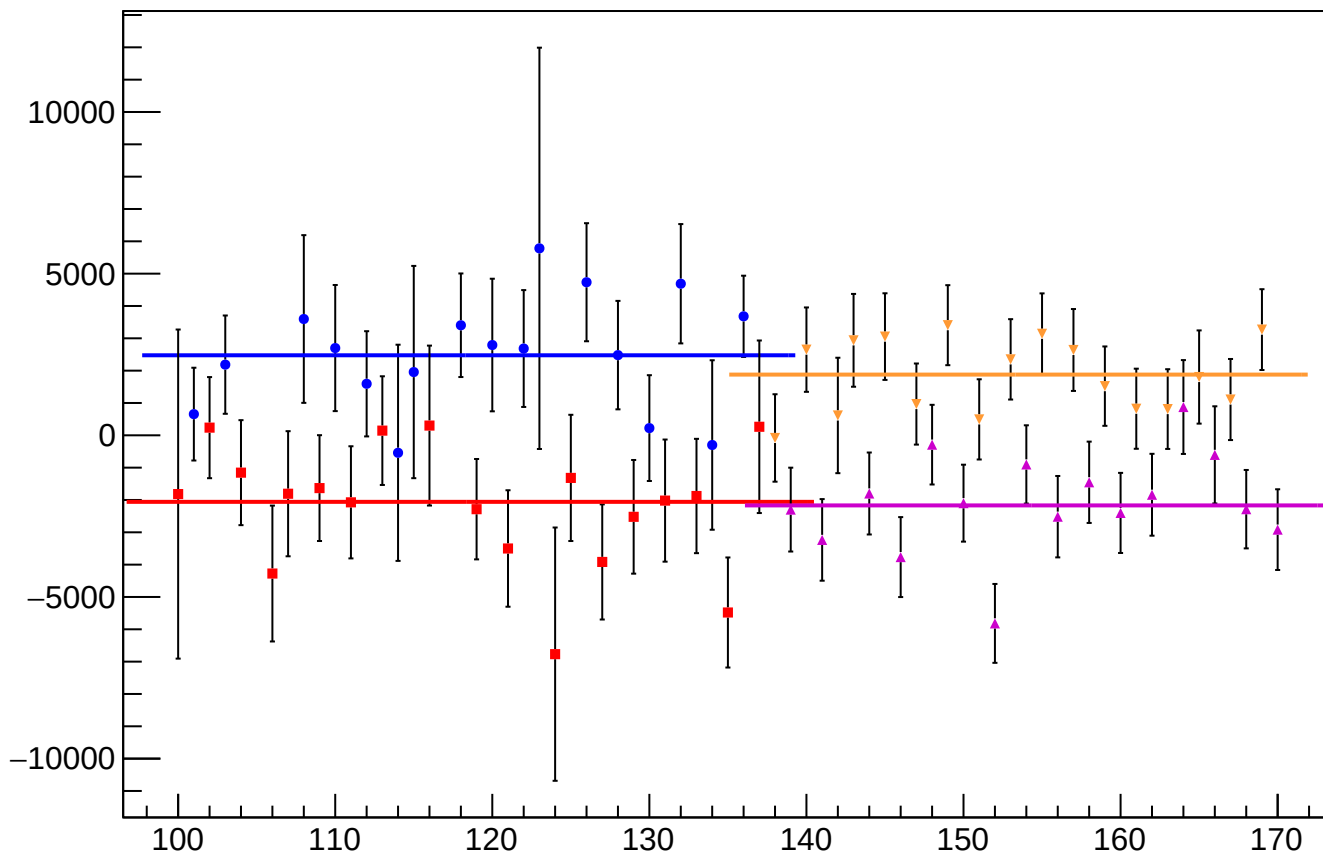
Left In: 1909.834 $\pm$ 0.384 χ^2 /NDF: 389045.3/15

+ sign 1716.546 $\pm$ 0.285 χ^2 /NDF: 1055989.6/31

All: 1721.780 $\pm$ 0.200 χ^2 /NDF: 2414824.7/65

- sign 1726.886 $\pm$ 0.281 χ^2 /NDF: 1358166.8/33

dit_asym_usr_mean vs Slug



Right In: 2475.300 ± 449.379 χ^2/NDF : 10.5/16

Left Out: 1877.962 ± 315.105 χ^2/NDF : 12.3/16

Right Out: -2057.800 ± 433.574 χ^2/NDF : 14.5/18

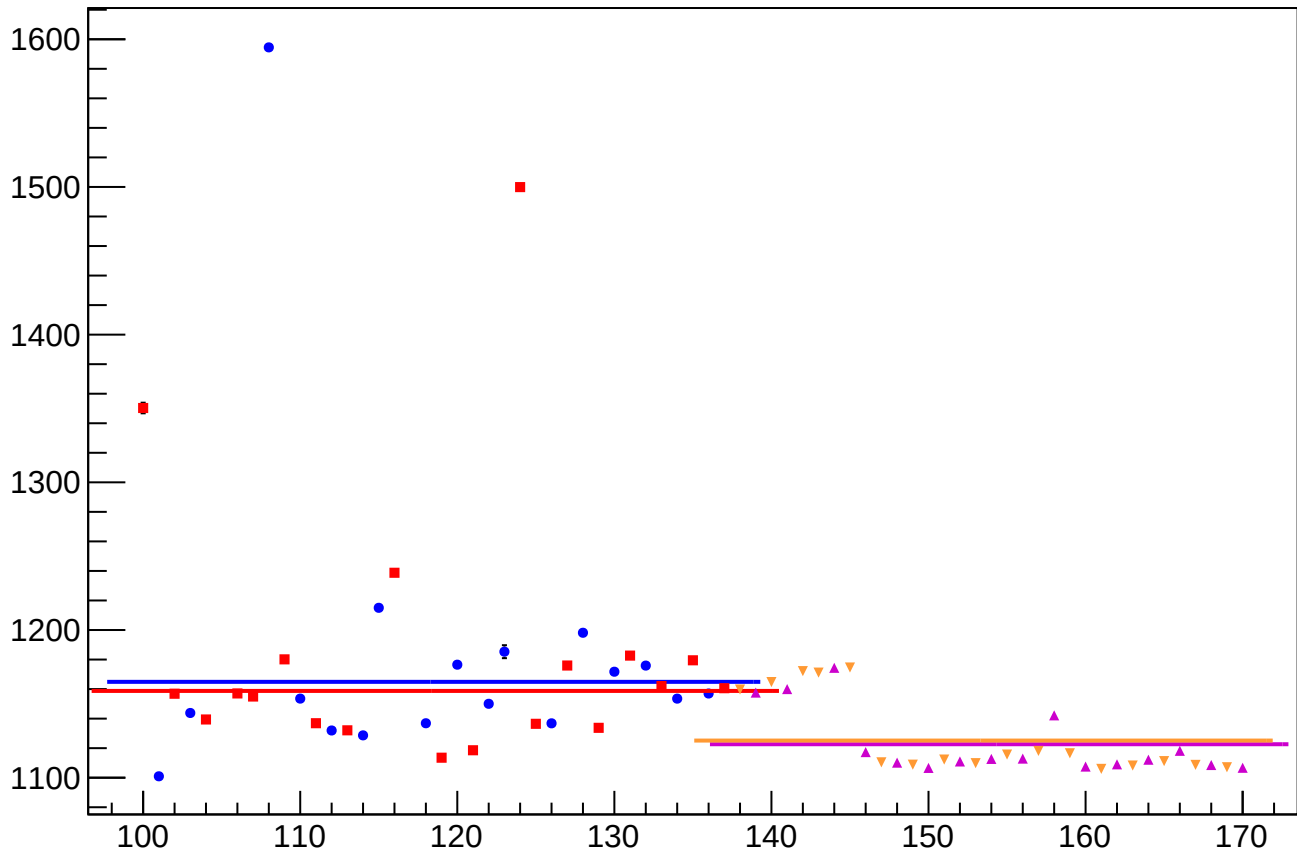
Left In: -2168.130 ± 316.286 χ^2/NDF : 21.2/15

+ sign 2074.854 ± 257.998 χ^2/NDF : 24.0/33

All: -47.747 ± 181.551 χ^2/NDF : 193.8/68

- sign -2129.810 ± 255.523 χ^2/NDF : 35.8/34

dit_asym_usr_rms vs Slug



Right In: 1164.904 $\pm$ 0.318 χ^2 /NDF: 63136.4/16

Left Out: 1125.146 $\pm$ 0.223 χ^2 /NDF:12540.5/16

Right Out: 1158.758 $\pm$ 0.307 χ^2 /NDF: 25723.5/18

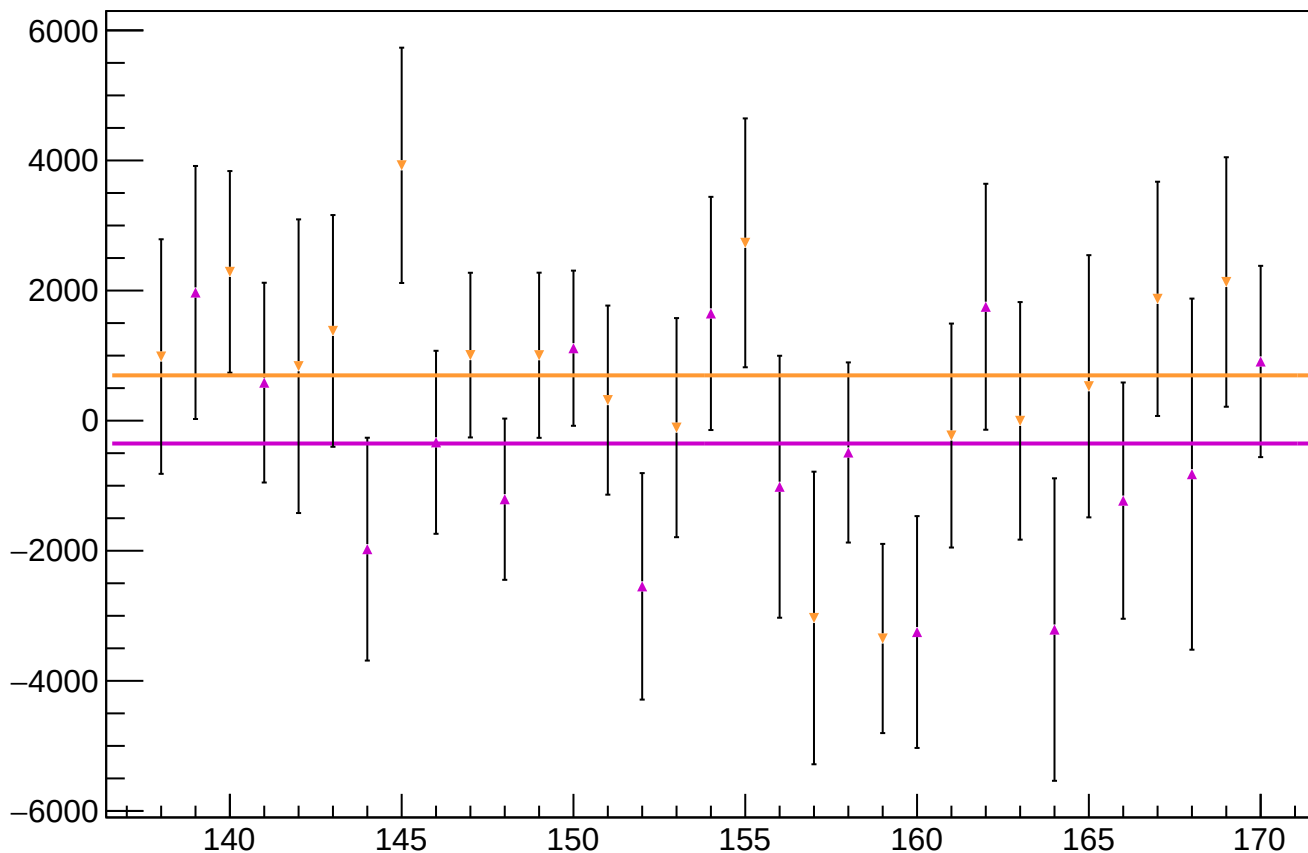
Left In: 1122.660 $\pm$ 0.224 χ^2 /NDF:9310.4/15

+ sign 1138.251 $\pm$ 0.182 χ^2 /NDF: 86172.2/33

All: 1136.709 $\pm$ 0.128 χ^2 /NDF: 130395.7/68

- sign 1135.197 $\pm$ 0.181 χ^2 /NDF: 44082.1/34

asym_usr_correction_mean vs Slug



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

Left Out: 696.348+/-407.603 χ^2/NDF : 17.9/16

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

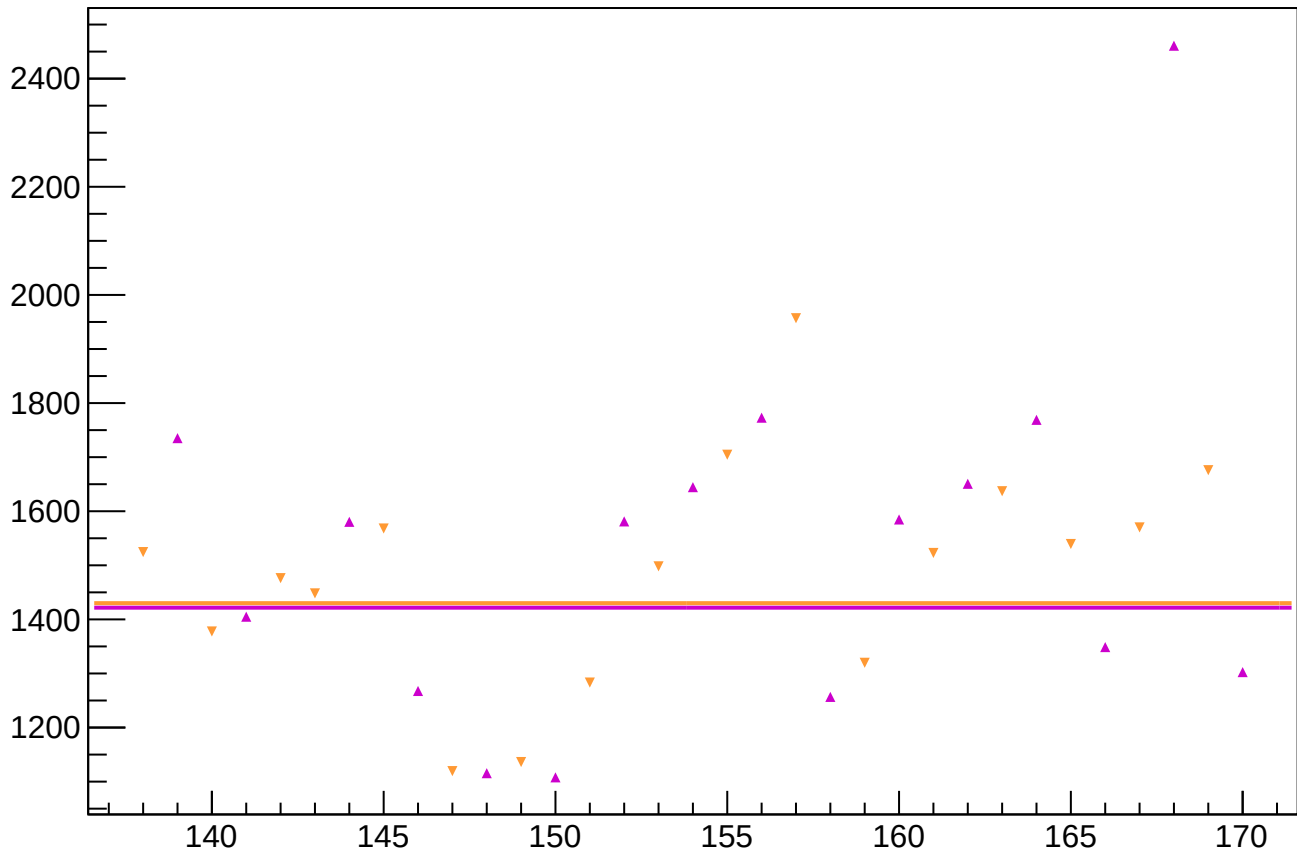
Left In: -351.318+/-408.906 χ^2/NDF : 14.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.188+/-288.678 χ^2/NDF : 35.2/32

- 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: 1430.031+/-0.288 χ^2/NDF : 516538.6/16

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

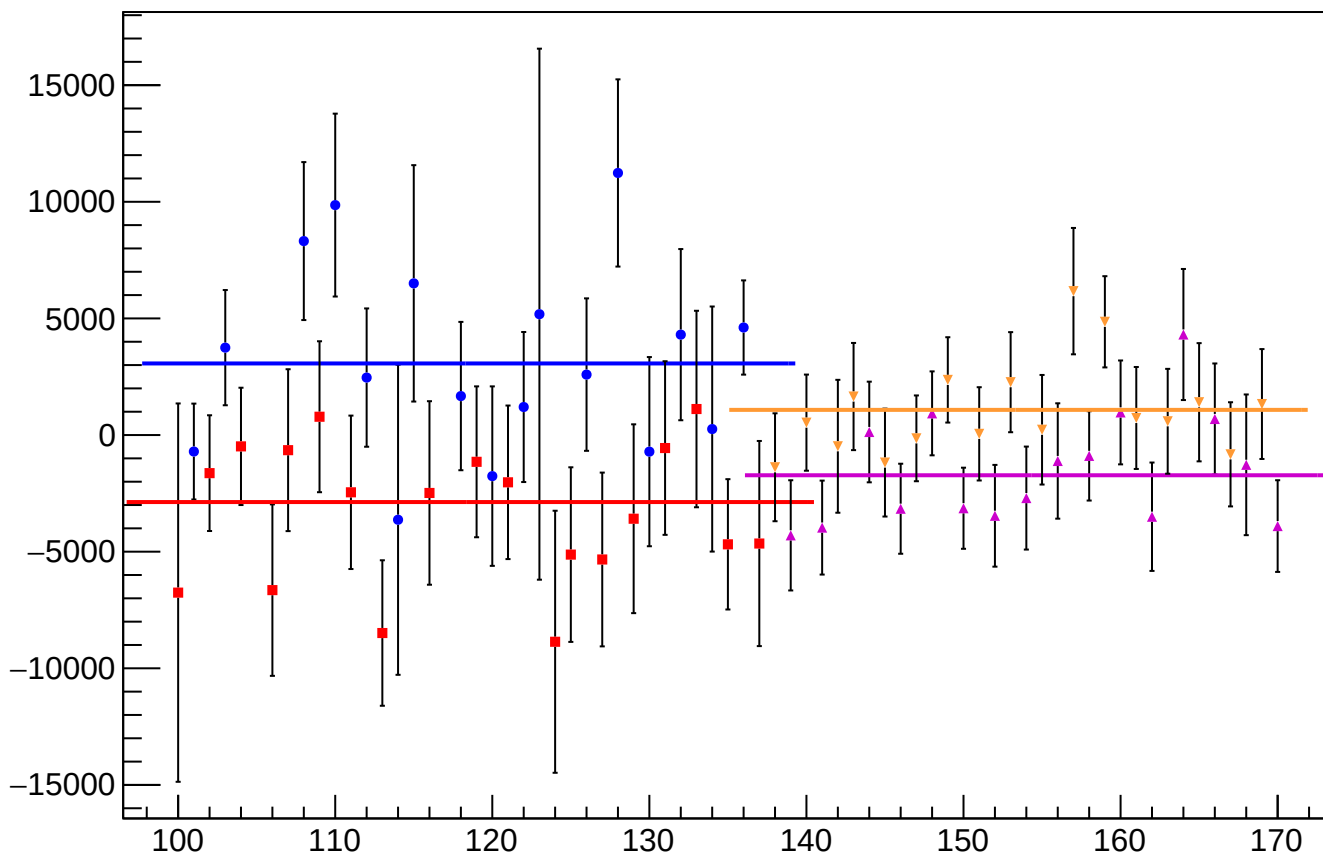
Left In: 1421.685+/-0.289 χ^2/NDF : 894416.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1425.871+/-0.204 χ^2/NDF : 1411373.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



Right In: 3069.484 $\pm$ 797.741 χ^2 /NDF: 18.5/16

Left Out: 1079.238 $\pm$ 534.013 χ^2 /NDF:12.2/16

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

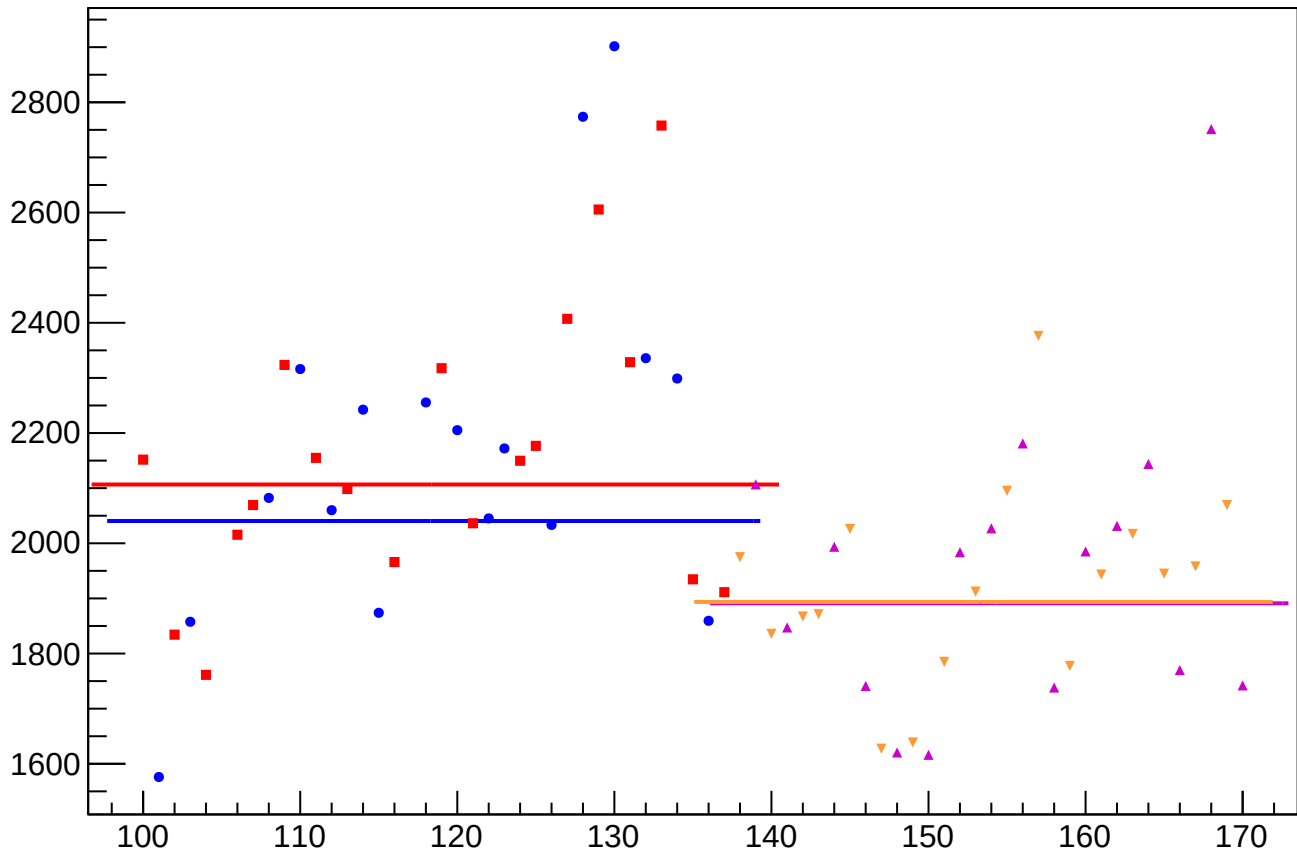
Left In: -1723.848 $\pm$ 537.646 χ^2 /NDF:16.6/15

+ sign 1695.104 $\pm$ 443.764 χ^2 /NDF: 35.1/33

All: -187.464 $\pm$ 314.374 χ^2 /NDF: 100.8/68

- sign -2084.144 $\pm$ 445.424 χ^2 /NDF: 29.6/34

asym_usr_rms vs Slug



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

Left Out: 1893.671+/-0.378 χ^2/NDF : 203719.2/16

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

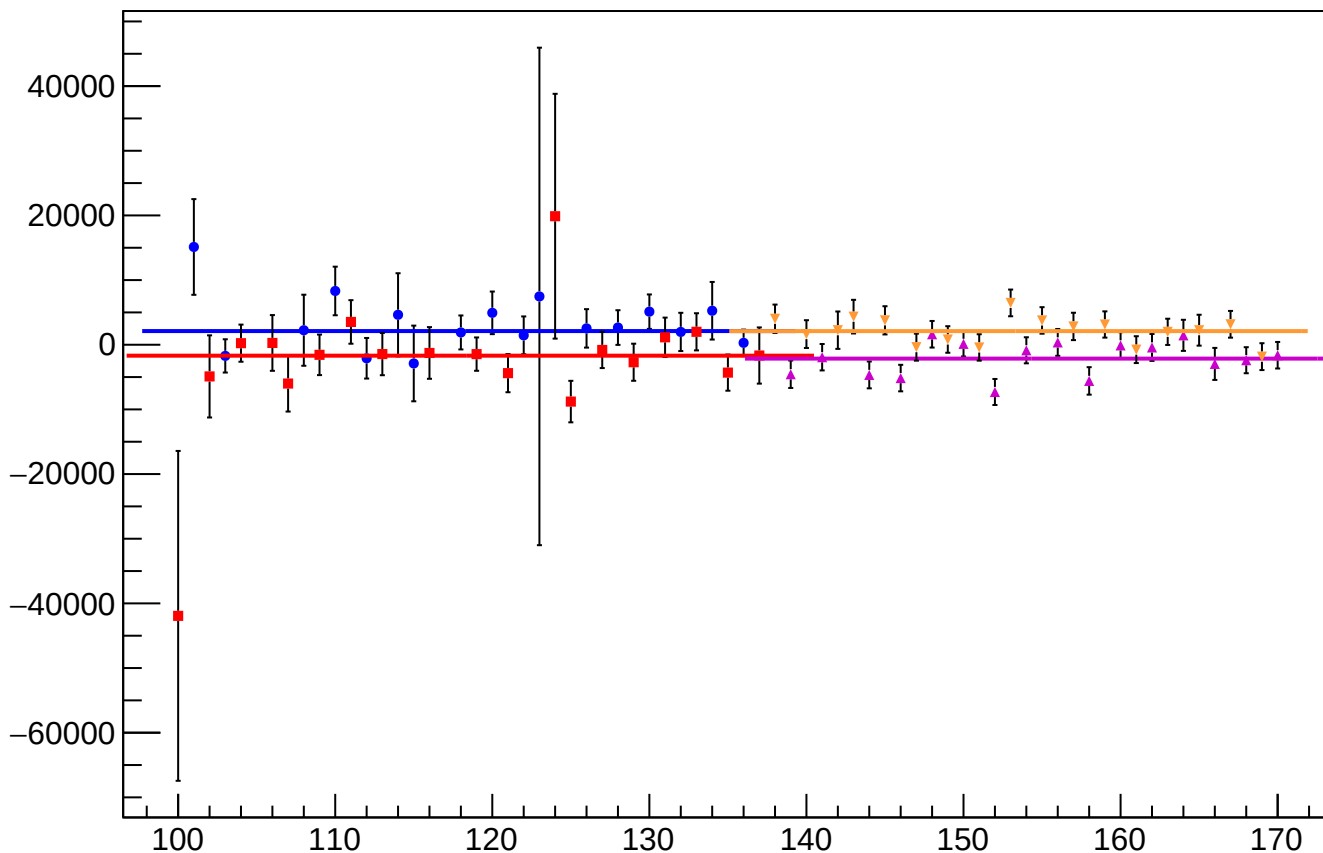
Left In: 1891.112+/-0.380 χ^2/NDF : 387326.0/15

+ sign 1939.085+/-0.314 χ^2/NDF : 581804.4/33

All: 1948.858+/-0.222 χ^2/NDF : 1267280.2/68

- sign 1958.704+/-0.315 χ^2/NDF : 683528.4/34

dit_asym_at1_avg_mean vs Slug



Right In: 2115.027 $\pm$ 795.794 χ^2 /NDF: 14.2/16

Left Out: 2109.304 $\pm$ 522.569 χ^2 /NDF: 16.7/16

Right Out: -1691.127 $\pm$ 784.678 χ^2 /NDF: 17.5/18

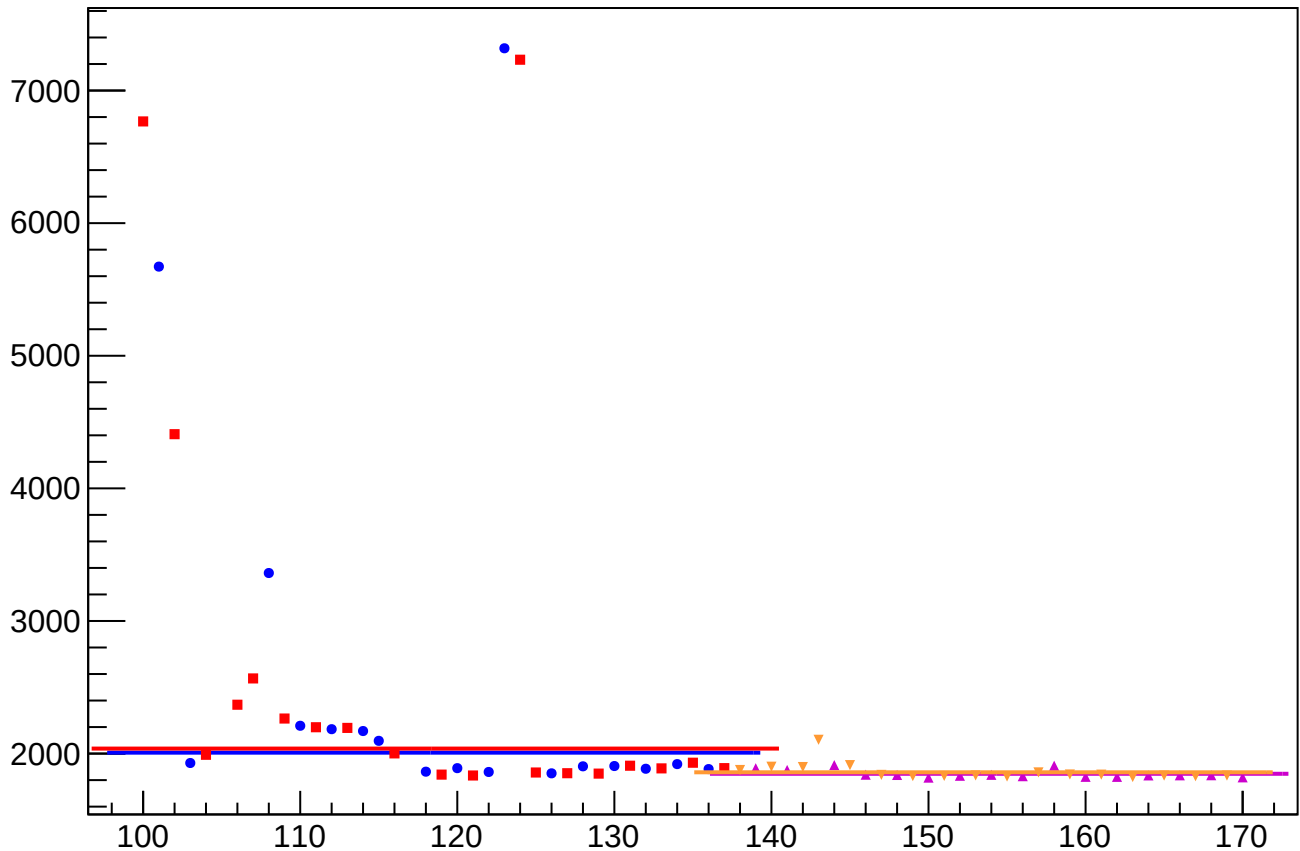
Left In: -2144.233 $\pm$ 522.233 χ^2 /NDF: 24.9/15

+ sign 2111.028 $\pm$ 436.810 χ^2 /NDF: 30.9/33

All: 43.217 $\pm$ 308.141 χ^2 /NDF: 118.1/68

- sign -2005.143 $\pm$ 434.751 χ^2 /NDF: 42.6/34

dit_asym_at1_avg_rms vs Slug



Right In: 2007.037 $\pm$ 0.563 χ^2 /NDF: 702361.7/16

Left Out: 1858.888 $\pm$ 0.370 χ^2 /NDF: 23787.6/16

Right Out: 2037.781 $\pm$ 0.555 χ^2 /NDF: 618966.5/18

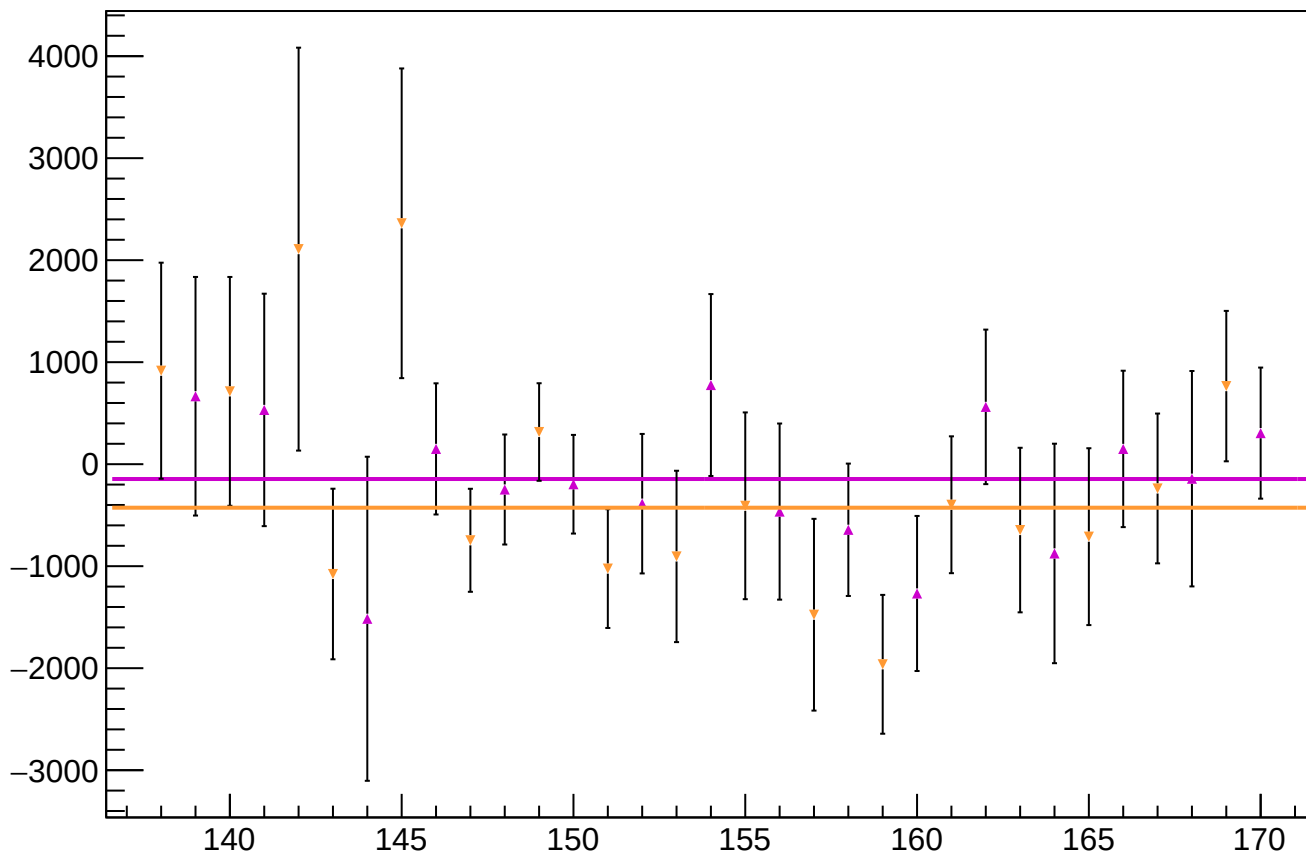
Left In: 1847.701 $\pm$ 0.369 χ^2 /NDF: 6603.8/15

+ sign 1903.524 $\pm$ 0.309 χ^2 /NDF: 774580.9/33

All: 1904.793 $\pm$ 0.218 χ^2 /NDF: 1481518.7/68

- sign 1906.051 $\pm$ 0.307 χ^2 /NDF: 706904.2/34

asym_at1_avg_correction_mean vs Slug



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

Left Out: -426.740+/-183.383 χ^2/NDF : 21.6/16

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

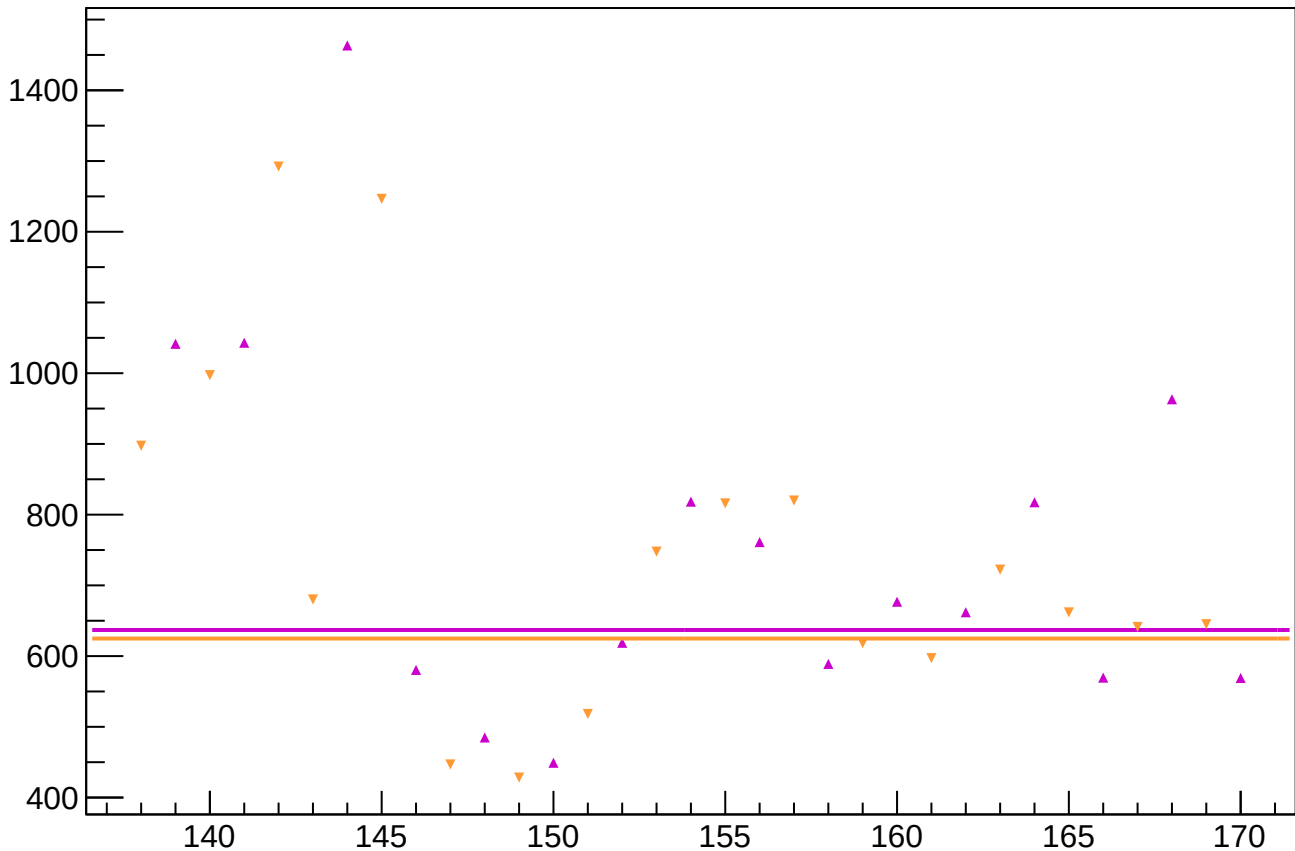
Left In: -145.423+/-187.319 χ^2/NDF : 7.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.068+/-131.041 χ^2/NDF : 30.7/32

- 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: 624.852+/-0.130 χ^2/NDF :1833998.2/16

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

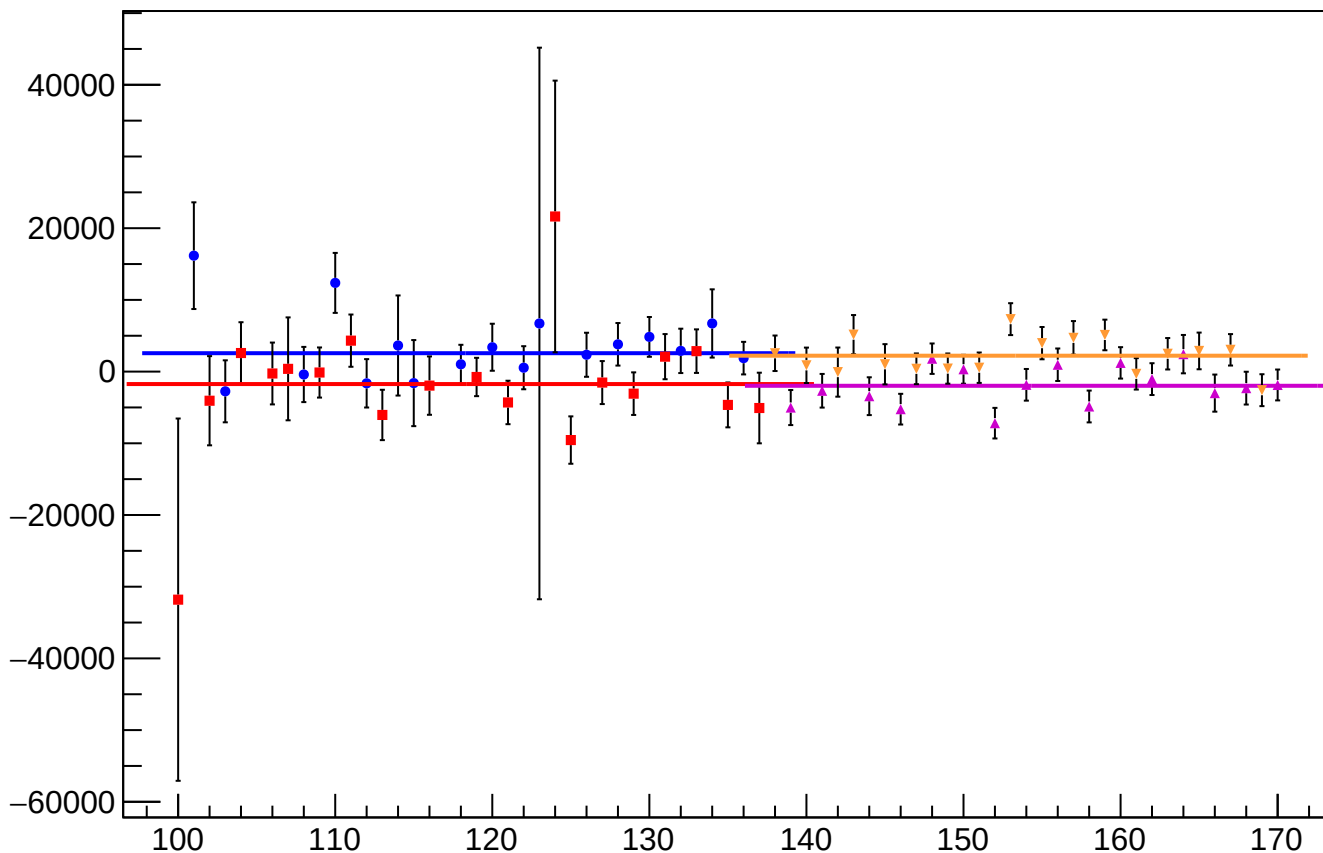
Left In: 636.927+/-0.132 χ^2/NDF :1939752.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.762+/-0.093 χ^2/NDF : 3777994.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2566.797 $\pm$ 856.089 χ^2 /NDF: 15.6/16

Left Out: 2217.347 $\pm$ 566.125 χ^2 /NDF:19.2/16

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

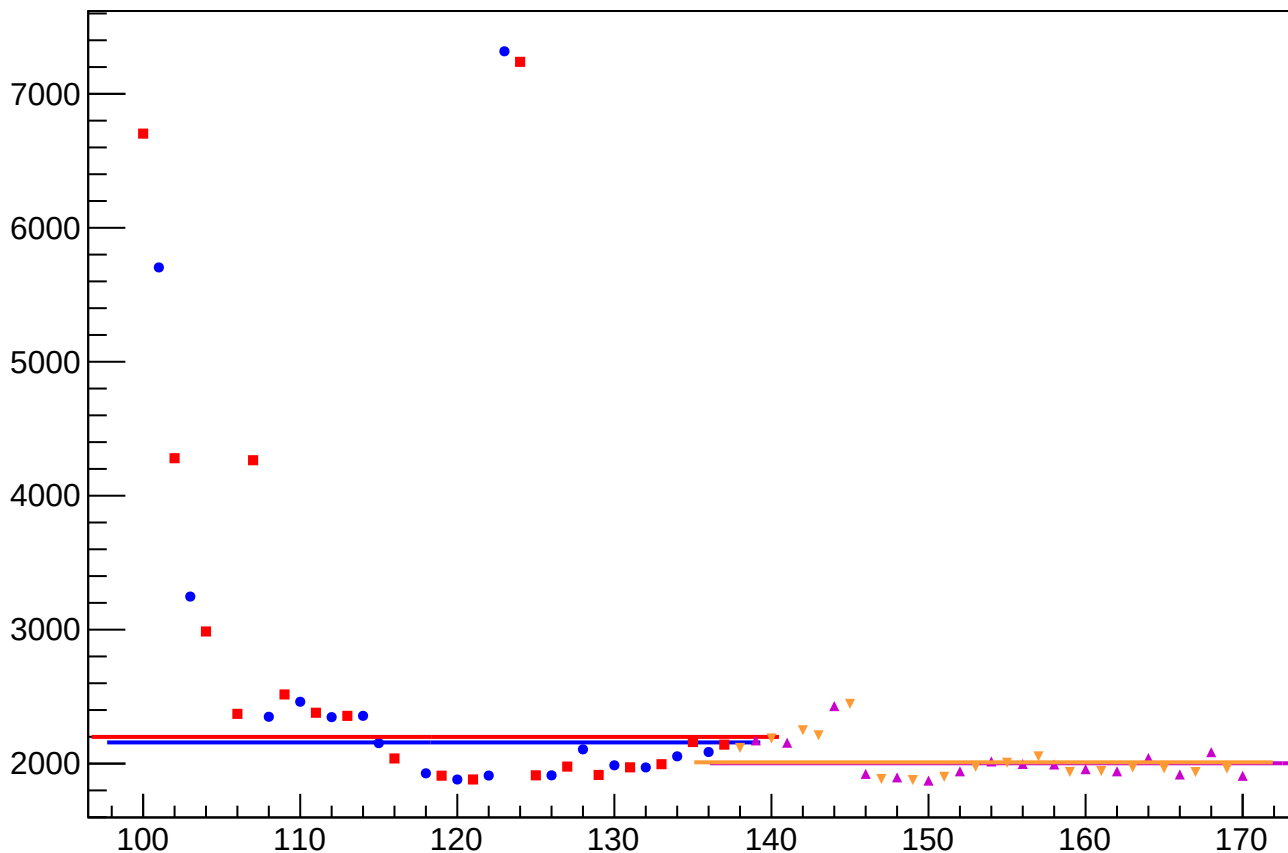
Left In: -1978.395 $\pm$ 567.073 χ^2 /NDF:23.3/15

+ sign 2323.669 $\pm$ 472.213 χ^2 /NDF: 34.9/33

All: 209.775 $\pm$ 333.925 χ^2 /NDF: 118.9/68

- sign -1904.639 $\pm$ 472.271 χ^2 /NDF: 43.8/34

asym_at1_avg_rms vs Slug



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

Left Out: 2009.644+/-0.400 χ^2/NDF : 112742.4/16

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

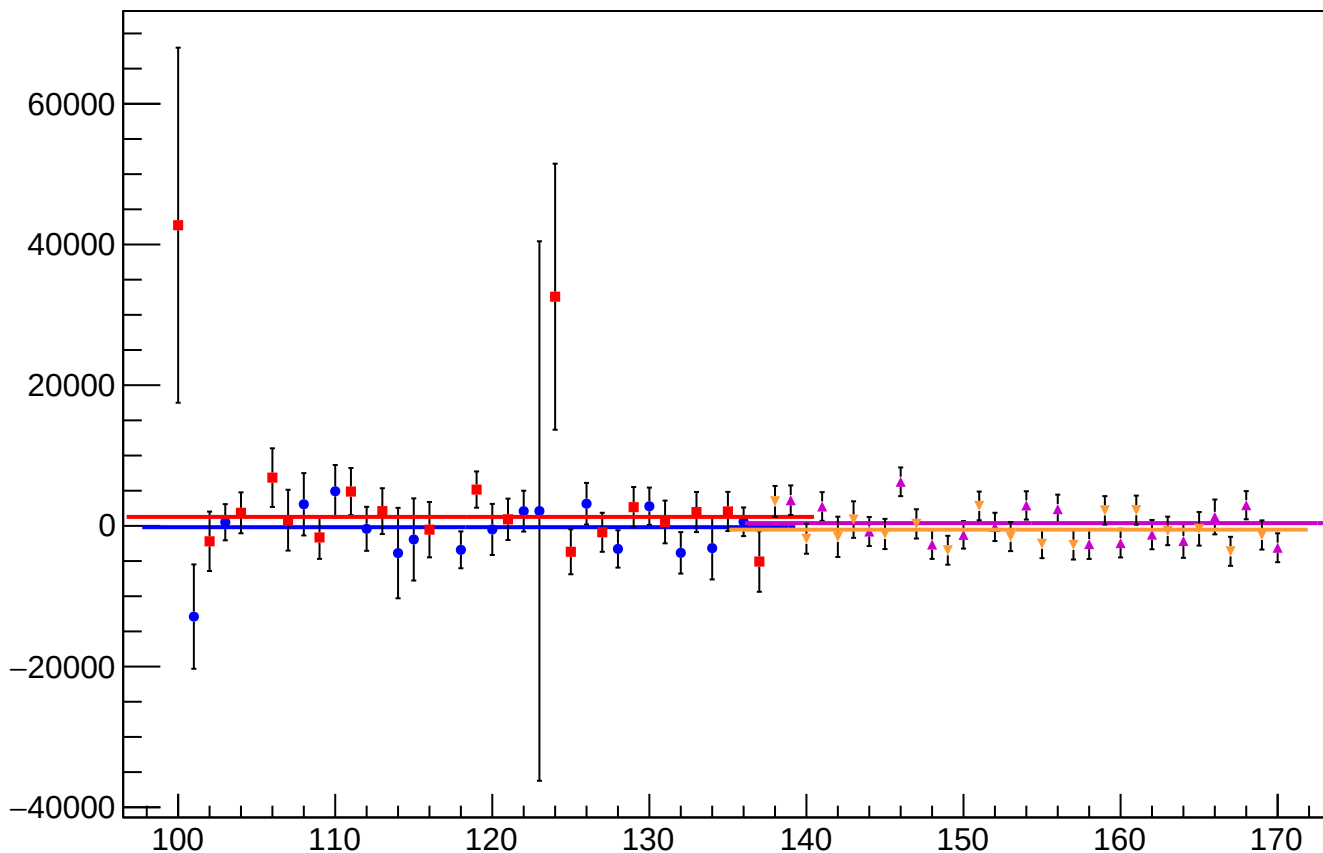
Left In: 2002.479+/-0.401 χ^2/NDF : 99550.0/15

+ sign 2054.827+/-0.334 χ^2/NDF : 868476.3/33

All: 2058.813+/-0.236 χ^2/NDF : 1845189.6/68

- sign 2062.800+/-0.334 χ^2/NDF : 976428.3/34

dit_asym_at1_dd_mean vs Slug



Right In: -184.386 ± 792.384 χ^2/NDF : 14.0/16

Left Out: -535.488 ± 520.525 χ^2/NDF : 17.4/16

Right Out: 1277.929 ± 772.384 χ^2/NDF : 18.2/18

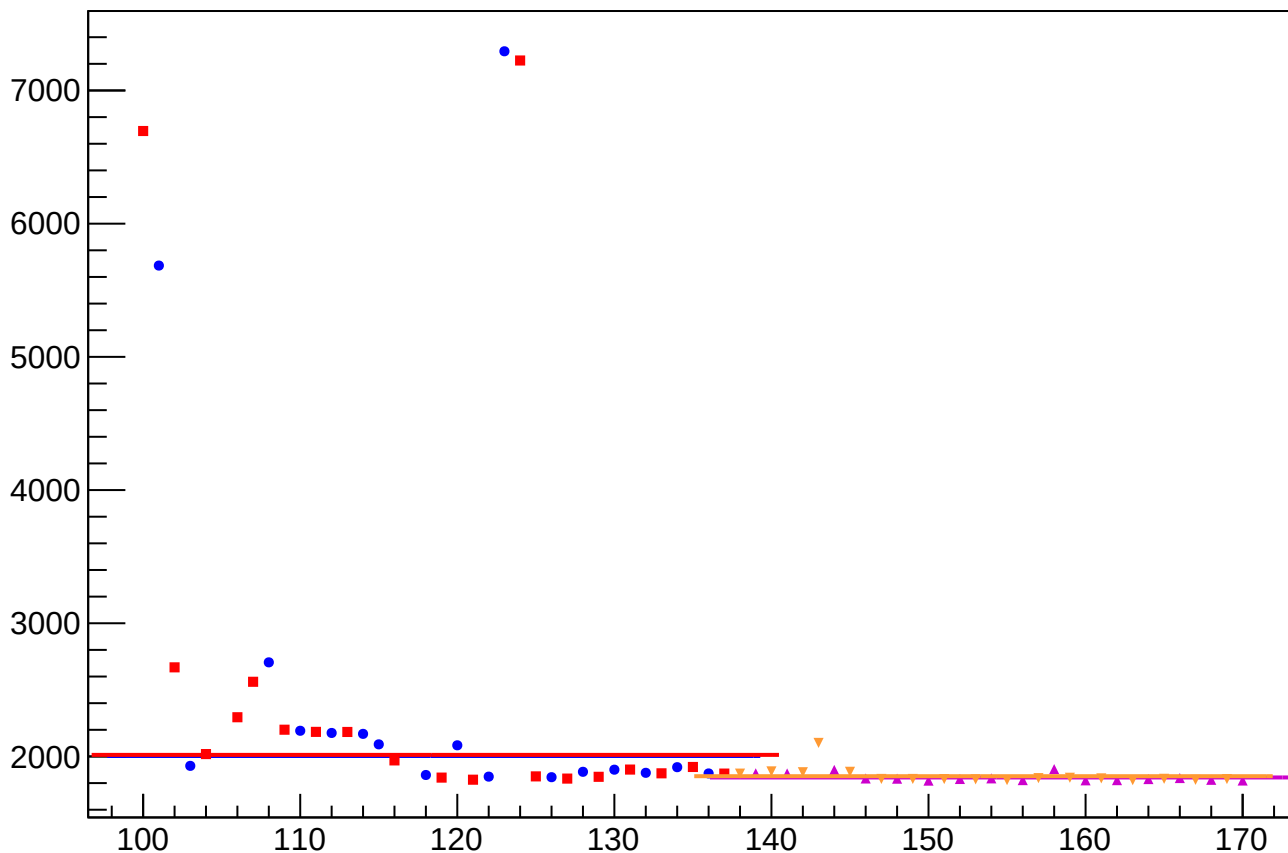
Left In: 395.847 ± 520.683 χ^2/NDF : 28.1/15

+ sign -429.649 ± 435.052 χ^2/NDF : 31.6/33

All: 125.107 ± 306.452 χ^2/NDF : 82.1/68

- sign 671.455 ± 431.743 χ^2/NDF : 47.3/34

dit_asym_at1_dd_rms vs Slug



Right In: 2003.545 $\pm$ 0.560 χ^2 /NDF: 634133.6/16

Left Out: 1851.761 $\pm$ 0.368 χ^2 /NDF: 22664.8/16

Right Out: 2011.800 $\pm$ 0.546 χ^2 /NDF: 377955.0/18

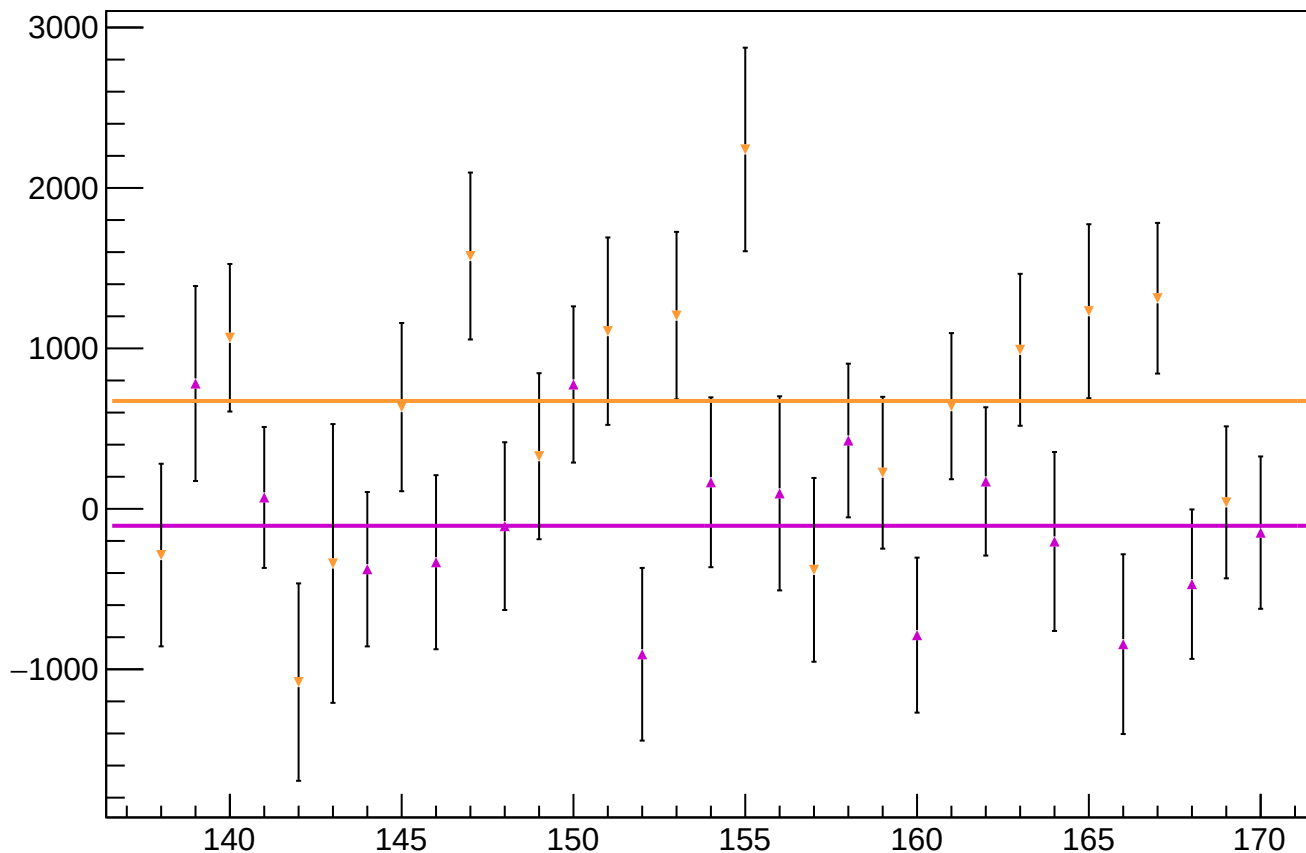
Left In: 1842.284 $\pm$ 0.368 χ^2 /NDF: 5651.4/15

+ sign 1897.516 $\pm$ 0.308 χ^2 /NDF: 708061.5/33

All: 1896.374 $\pm$ 0.217 χ^2 /NDF: 1157930.2/68

- sign 1895.250 $\pm$ 0.305 χ^2 /NDF: 449841.4/34

asym_at1_dd_correction_mean vs Slug



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

Left Out: 672.499+/-127.896 χ^2/NDF : 33.6/16

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

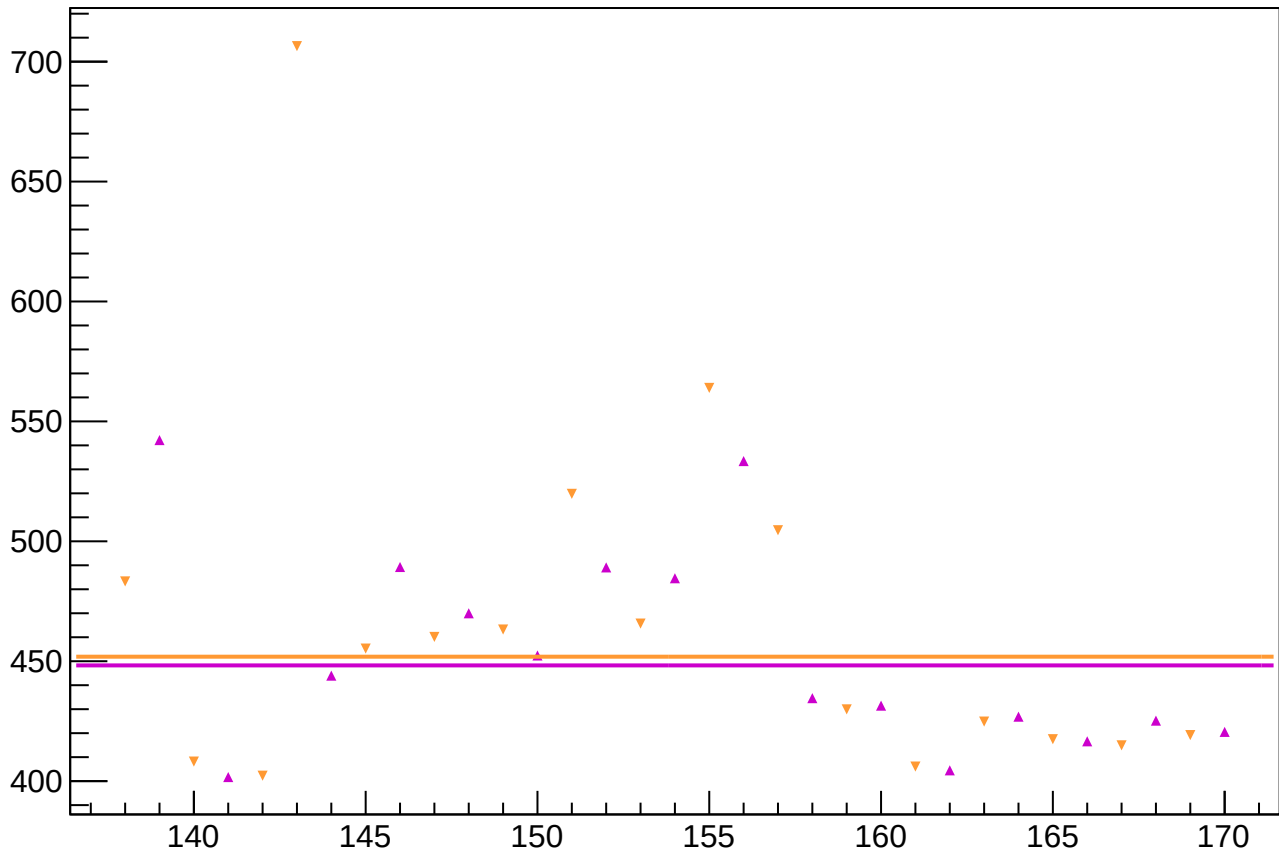
Left In: -105.587+/-126.979 χ^2/NDF : 14.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.656+/-90.110 χ^2/NDF : 66.9/32

- 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: 451.889+/-0.090 χ^2/NDF : 379363.6/16

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

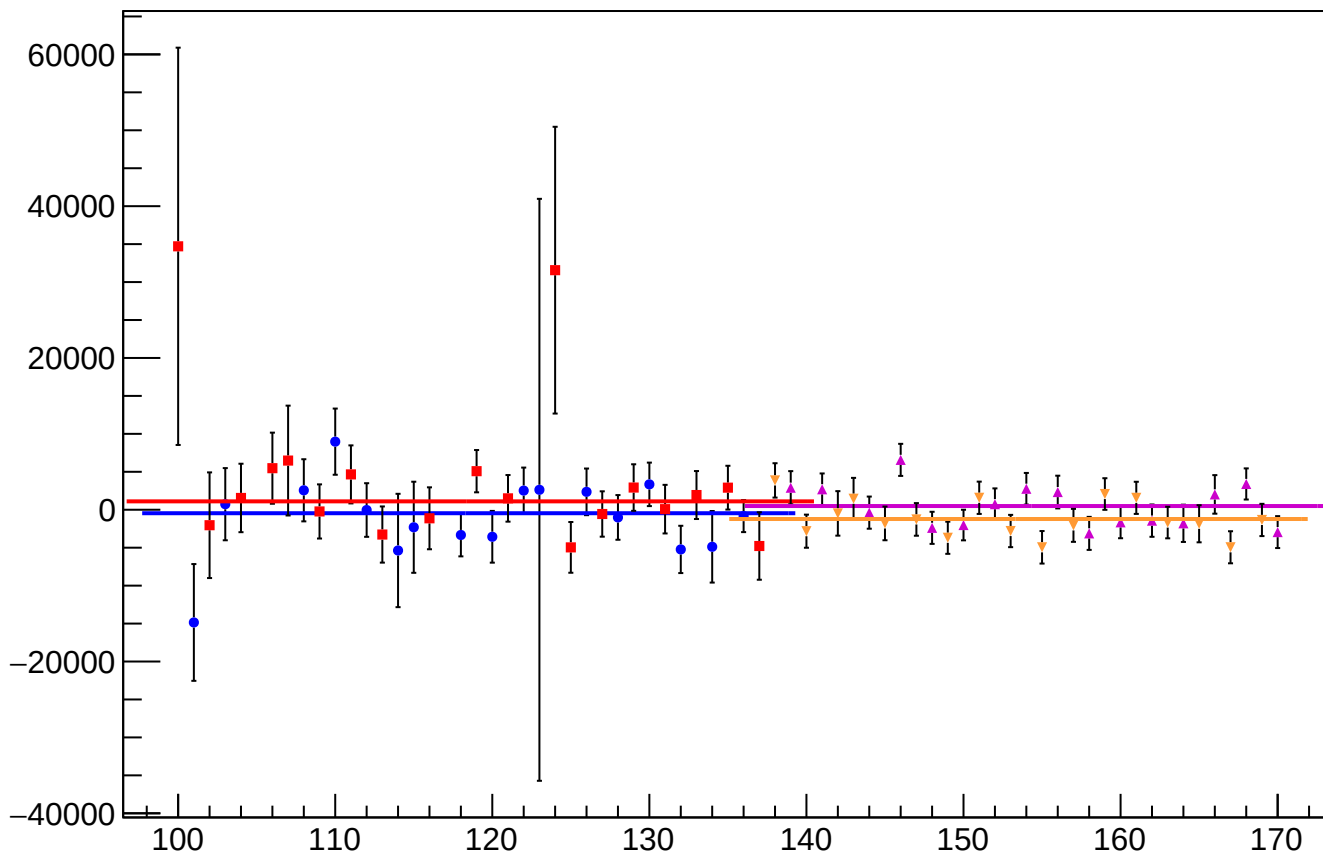
Left In: 448.256+/-0.090 χ^2/NDF : 189121.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.060+/-0.064 χ^2/NDF : 569297.3/32

- 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: -1221.062 ± 537.203 χ^2/NDF : 20.9/16

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

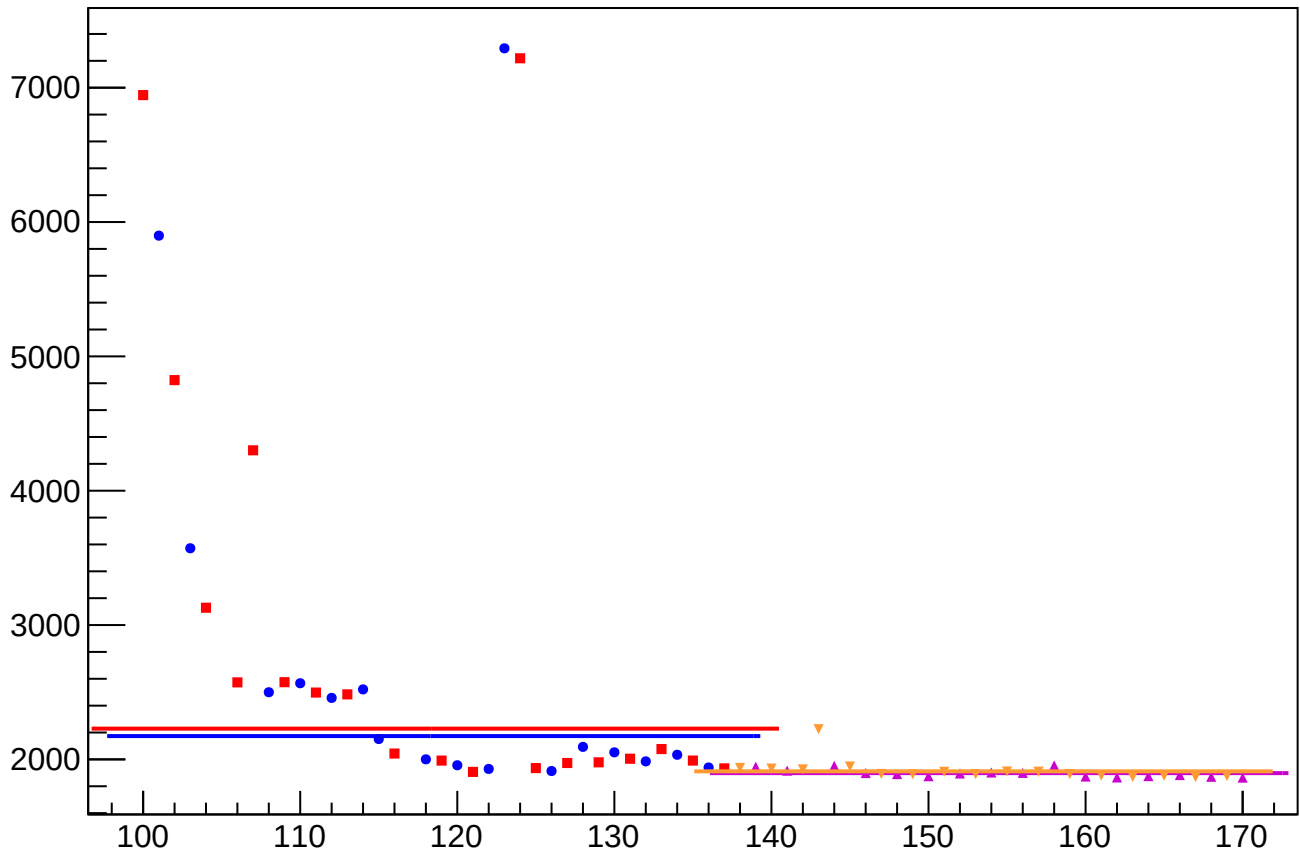
Left In: 488.193 ± 536.312 χ^2/NDF : 26.6/15

+ sign -1008.811 ± 456.379 χ^2/NDF : 39.6/33

All: -174.613 ± 322.619 χ^2/NDF : 90.1/68

- sign 658.658 ± 456.126 χ^2/NDF : 43.9/34

asym_at1_dd_rms vs Slug



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

Left Out: 1911.007+/-0.380 χ^2/NDF : 30796.9/16

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

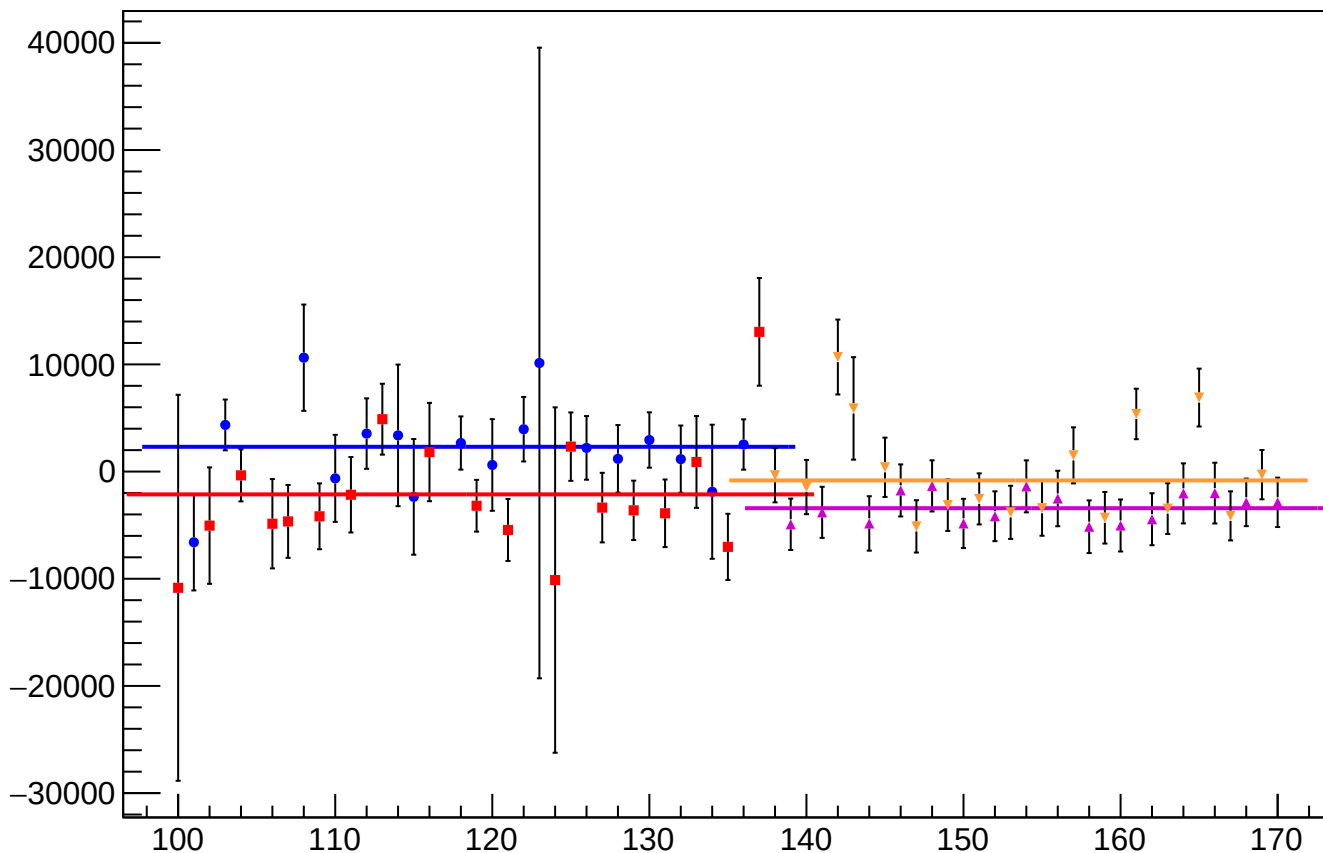
Left In: 1897.742+/-0.379 χ^2/NDF : 5959.6/15

+ sign 1984.059+/-0.323 χ^2/NDF : 969065.8/33

All: 1986.713+/-0.228 χ^2/NDF : 2081992.4/68

- sign 1989.363+/-0.323 χ^2/NDF : 1112791.4/34

dit_asym_at2_avg_mean vs Slug



Right In: 2311.075 ± 821.924 χ^2/NDF : 10.2/16

Left Out: -824.599 ± 620.929 χ^2/NDF : 41.5/16

Right Out: -2128.072 ± 791.943 χ^2/NDF : 24.3/18

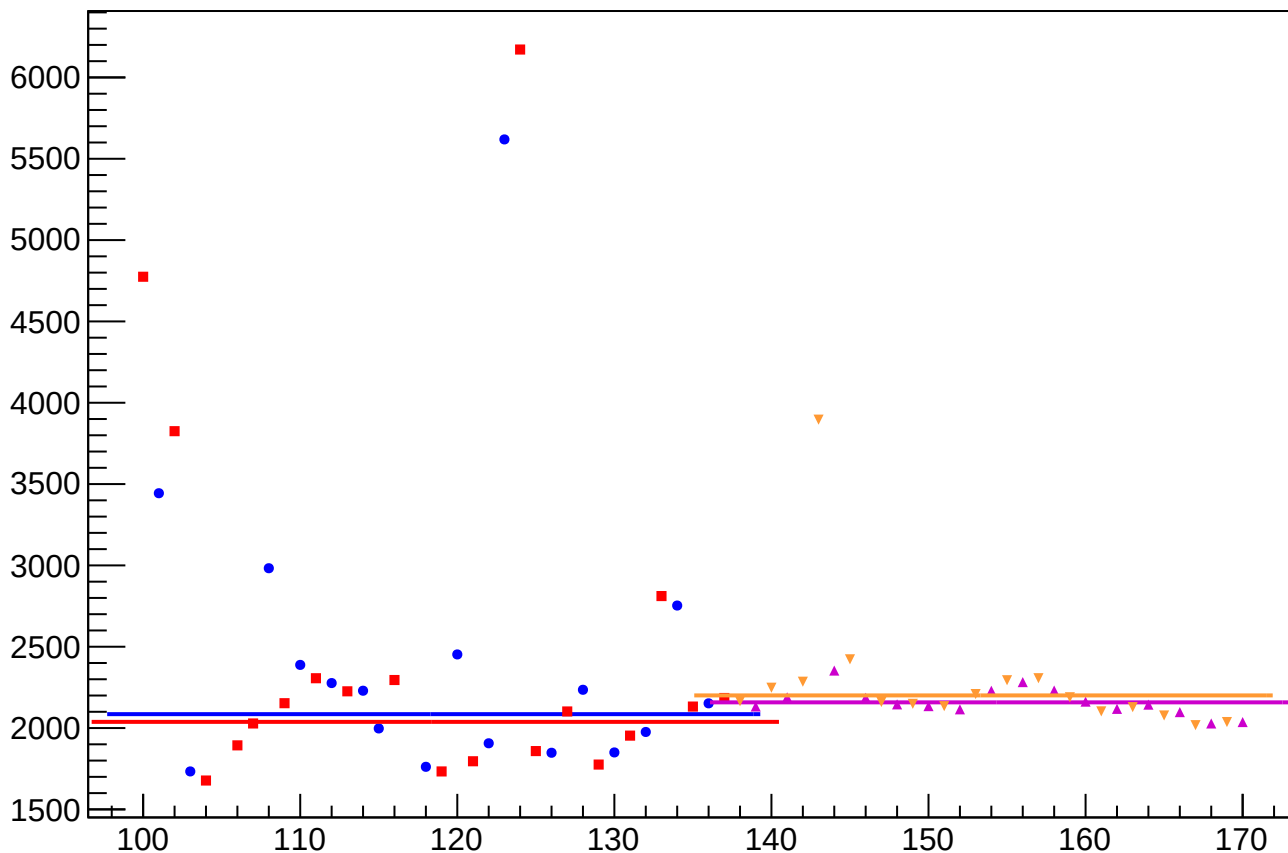
Left In: -3418.036 ± 609.284 χ^2/NDF : 5.0/15

+ sign 314.741 ± 495.442 χ^2/NDF : 61.0/33

All: -1353.511 ± 345.813 χ^2/NDF : 114.1/68

- sign -2938.400 ± 482.905 χ^2/NDF : 31.0/34

dit_asym_at2_avg_rms vs Slug



Right In: 2085.469+/-0.581 χ^2/NDF : 457066.0/16

Left Out: 2200.718+/-0.439 χ^2/NDF : 308023.3/16

Right Out: 2038.056+/-0.560 χ^2/NDF : 609210.7/18

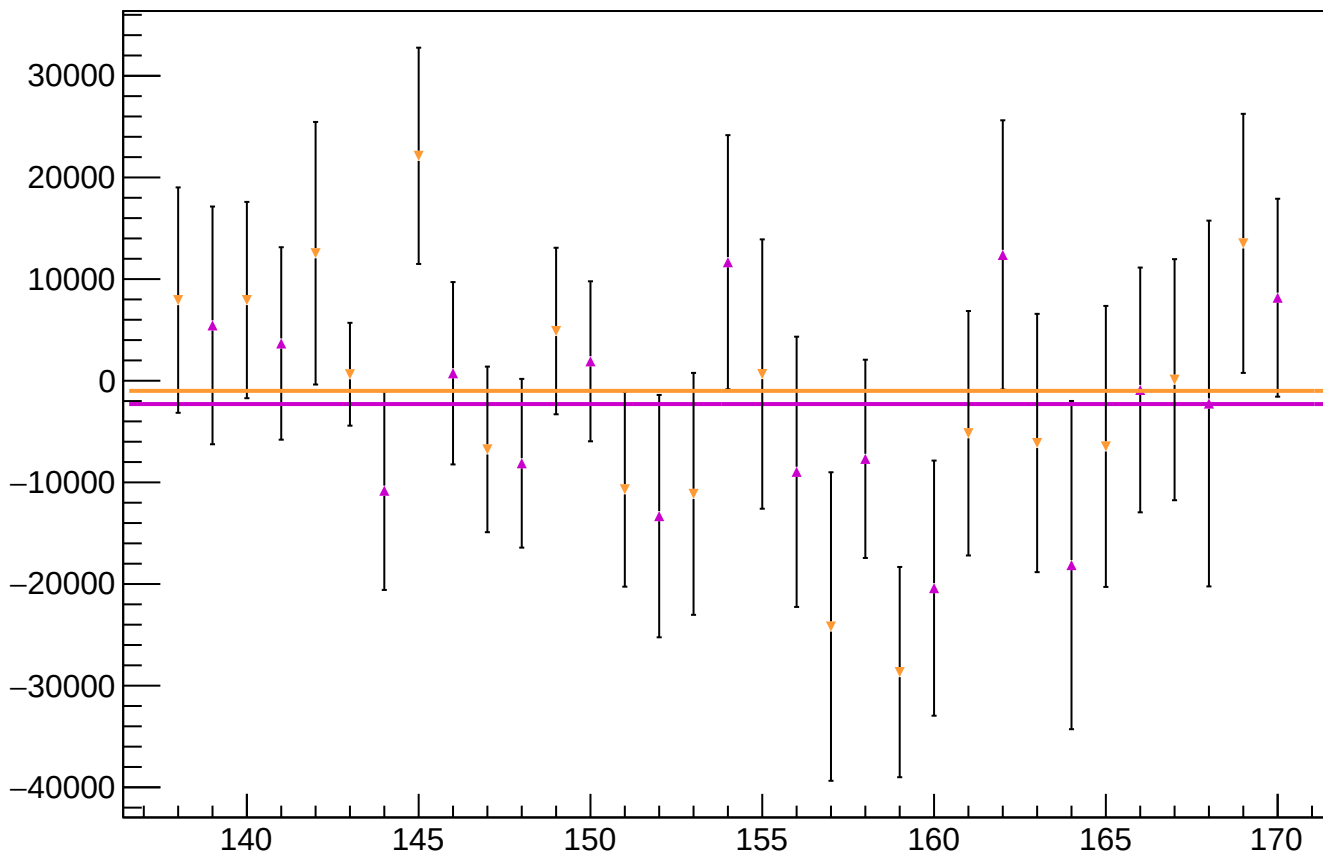
Left In: 2157.984+/-0.431 χ^2/NDF : 35593.7/15

+ sign 2158.843+/-0.350 χ^2/NDF : 790124.3/33

All: 2135.527+/-0.245 χ^2/NDF : 1472384.2/68

- sign 2113.380+/-0.341 χ^2/NDF : 673623.3/34

asym_at2_avg_correction_mean vs Slug



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

Left Out: -996.923+/-2413.434 χ^2/NDF :21.4/16

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

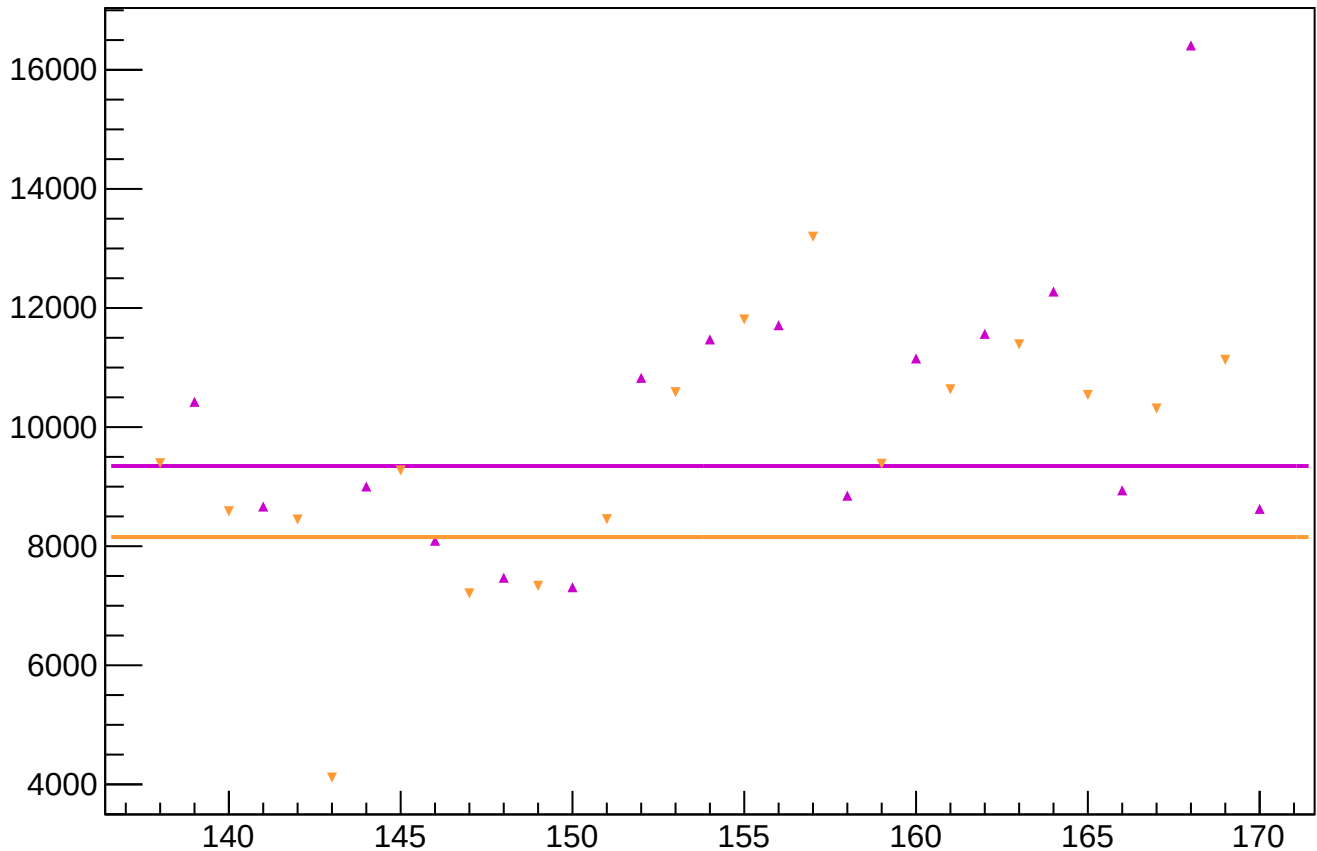
Left In: -2294.442+/-2691.340 χ^2/NDF :10.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1575.254+/-1796.800 χ^2/NDF : 32.2/32

- 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: 8153.794+/-1.707 χ^2/NDF :2311187.4/16

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

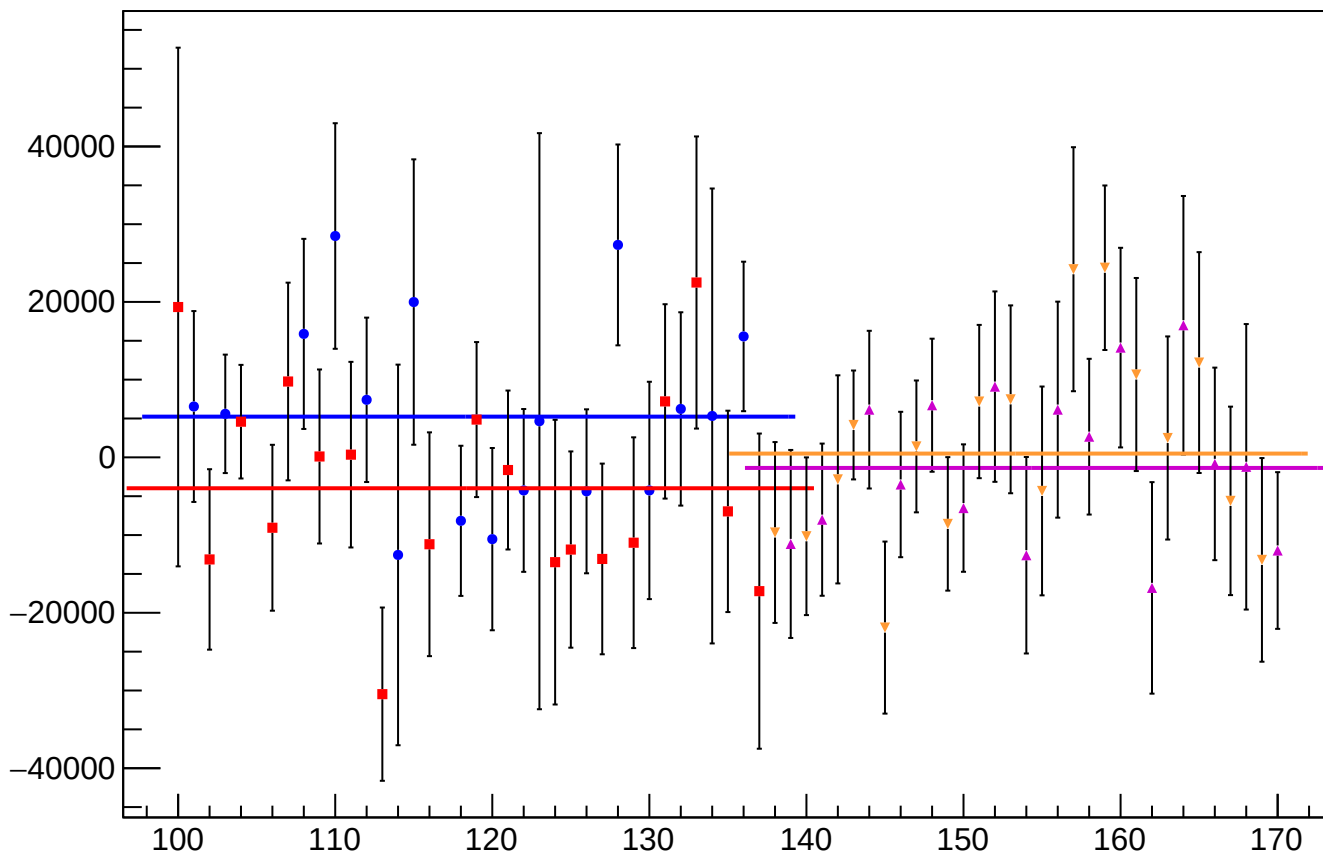
Left In: 9346.409+/-1.903 χ^2/NDF :946883.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8685.367+/-1.271 χ^2/NDF : 3475752.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: 484.766 $\pm$ 2633.088 χ^2 /NDF: 18.4/16

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

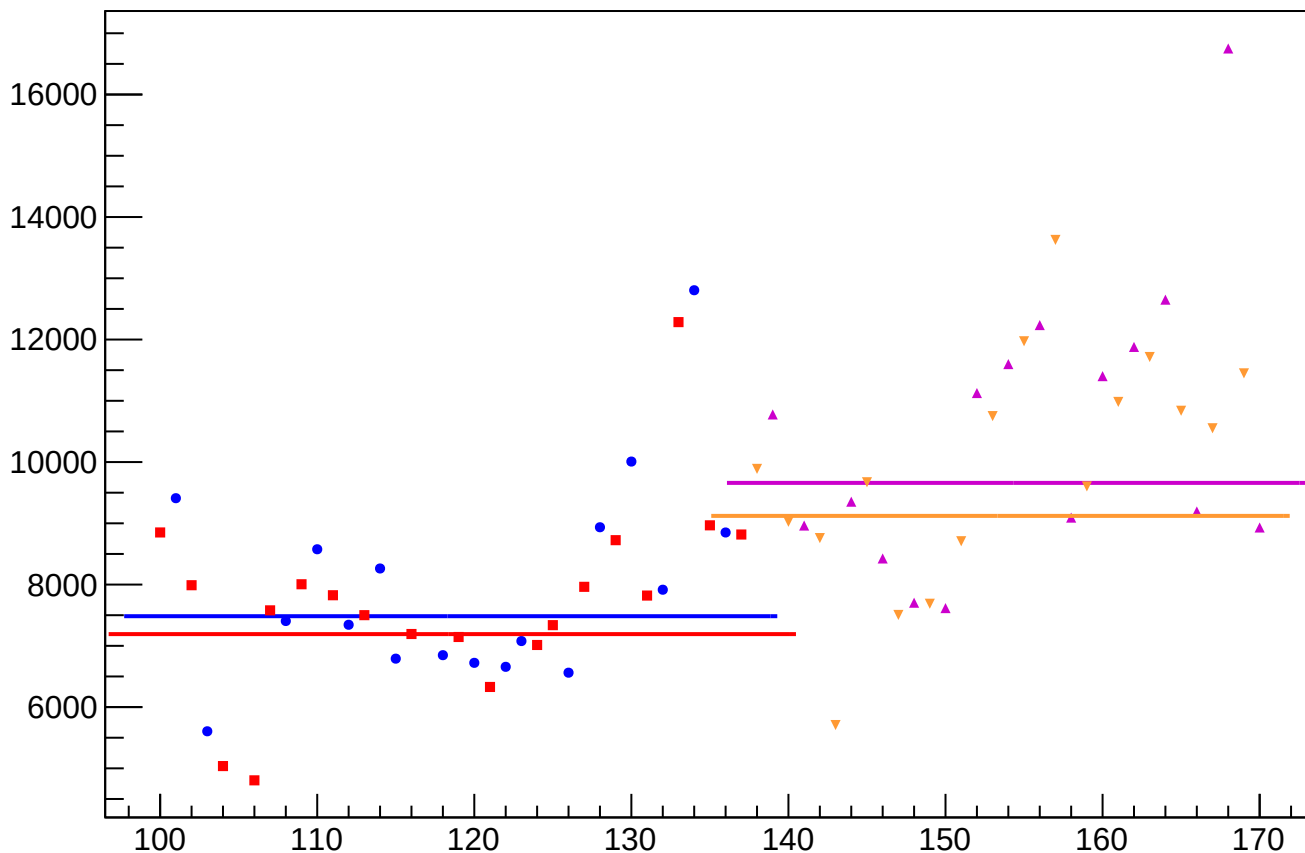
Left In: -1361.889 $\pm$ 2780.041 χ^2 /NDF: 10.0/15

+ sign 2595.742 $\pm$ 1963.264 χ^2 /NDF: 34.4/33

All: -25.913 $\pm$ 1390.418 χ^2 /NDF: 64.0/68

- sign -2664.104 $\pm$ 1969.446 χ^2 /NDF: 26.1/34

asym_at2_avg_rms vs Slug



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

Left Out: 9121.358 ± 1.862 χ^2/NDF : 1161142.2/16

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

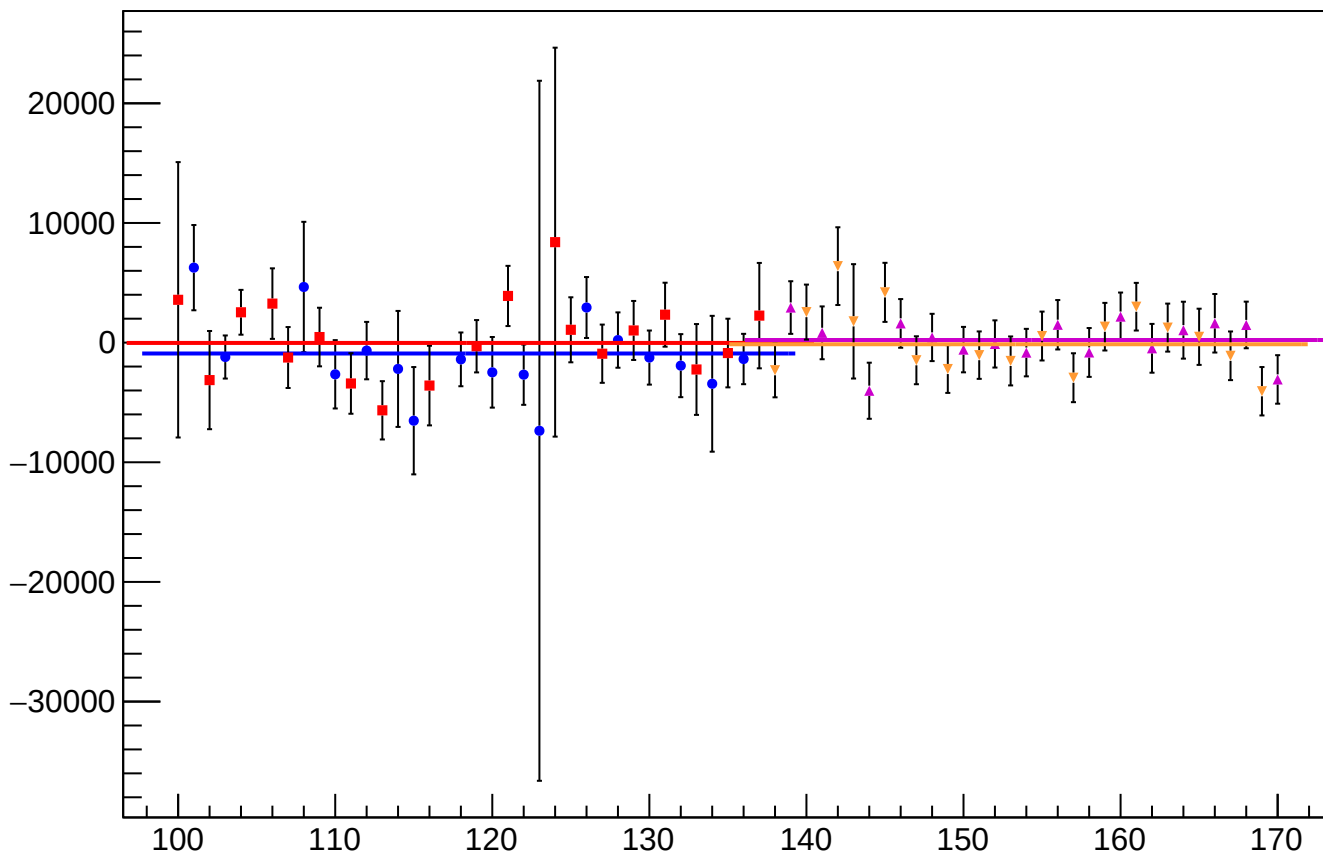
Left In: 9659.973 ± 1.966 χ^2/NDF : 909477.1/15

+ sign 8394.154 ± 1.388 χ^2/NDF : 1936471.7/33

All: 8412.098 ± 0.983 χ^2/NDF : 4190644.7/68

- sign 8430.153 ± 1.393 χ^2/NDF : 2253837.8/34

dit_asym_at2_dd_mean vs Slug



Right In: -909.107+/-671.360 χ^2/NDF : 10.9/16

Left Out: -135.439+/-528.512 χ^2/NDF : 21.3/16

Right Out: -26.566+/-642.141 χ^2/NDF : 17.0/18

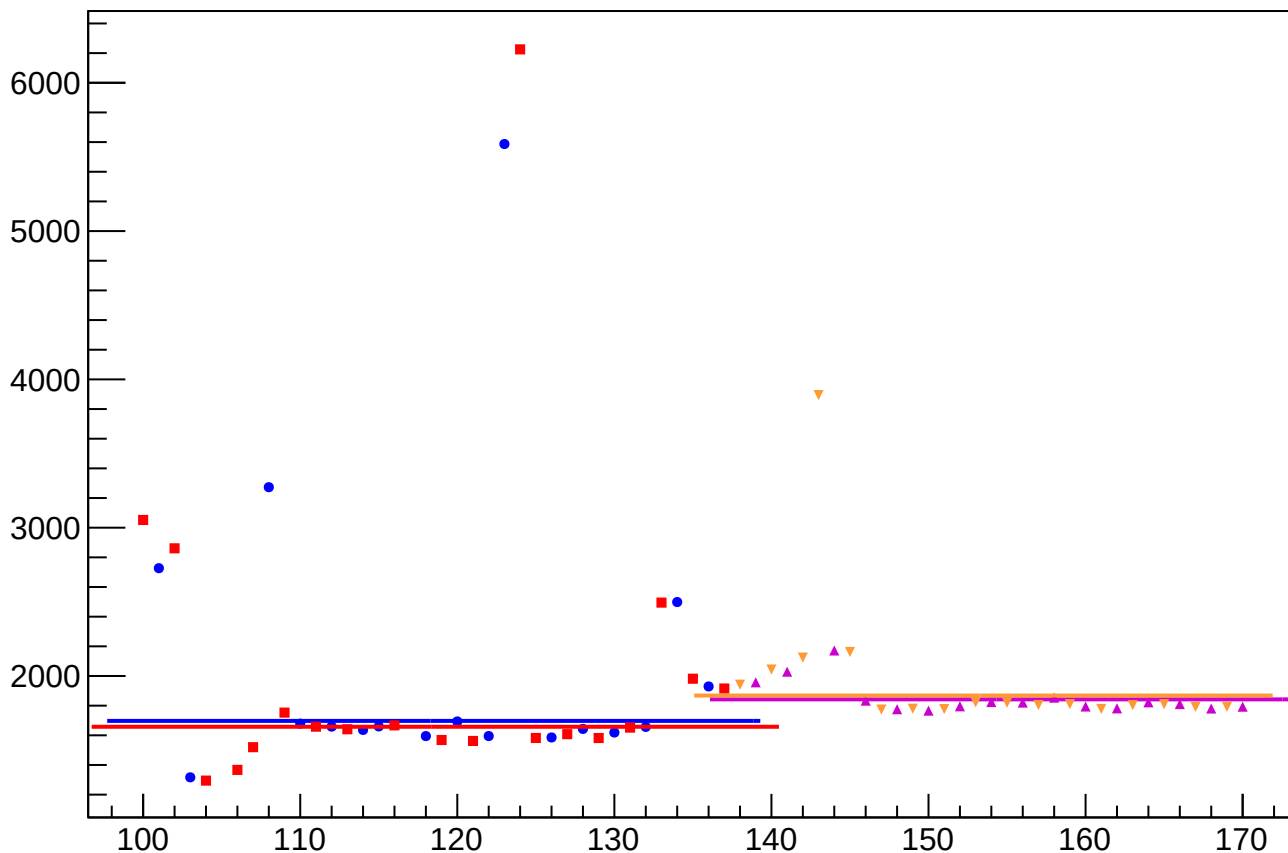
Left In: 218.864+/-520.423 χ^2/NDF : 11.0/15

+ sign -431.453+/-415.274 χ^2/NDF : 33.1/33

All: -147.549+/-289.690 χ^2/NDF : 62.1/68

- sign 121.566+/-404.313 χ^2/NDF : 28.1/34

dit_asym_at2_dd_rms vs Slug



Right In: 1697.239+/-0.475 χ^2/NDF : 539725.9/16

Left Out: 1868.270+/-0.374 χ^2/NDF : 445463.0/16

Right Out: 1657.716+/-0.454 χ^2/NDF : 603007.7/18

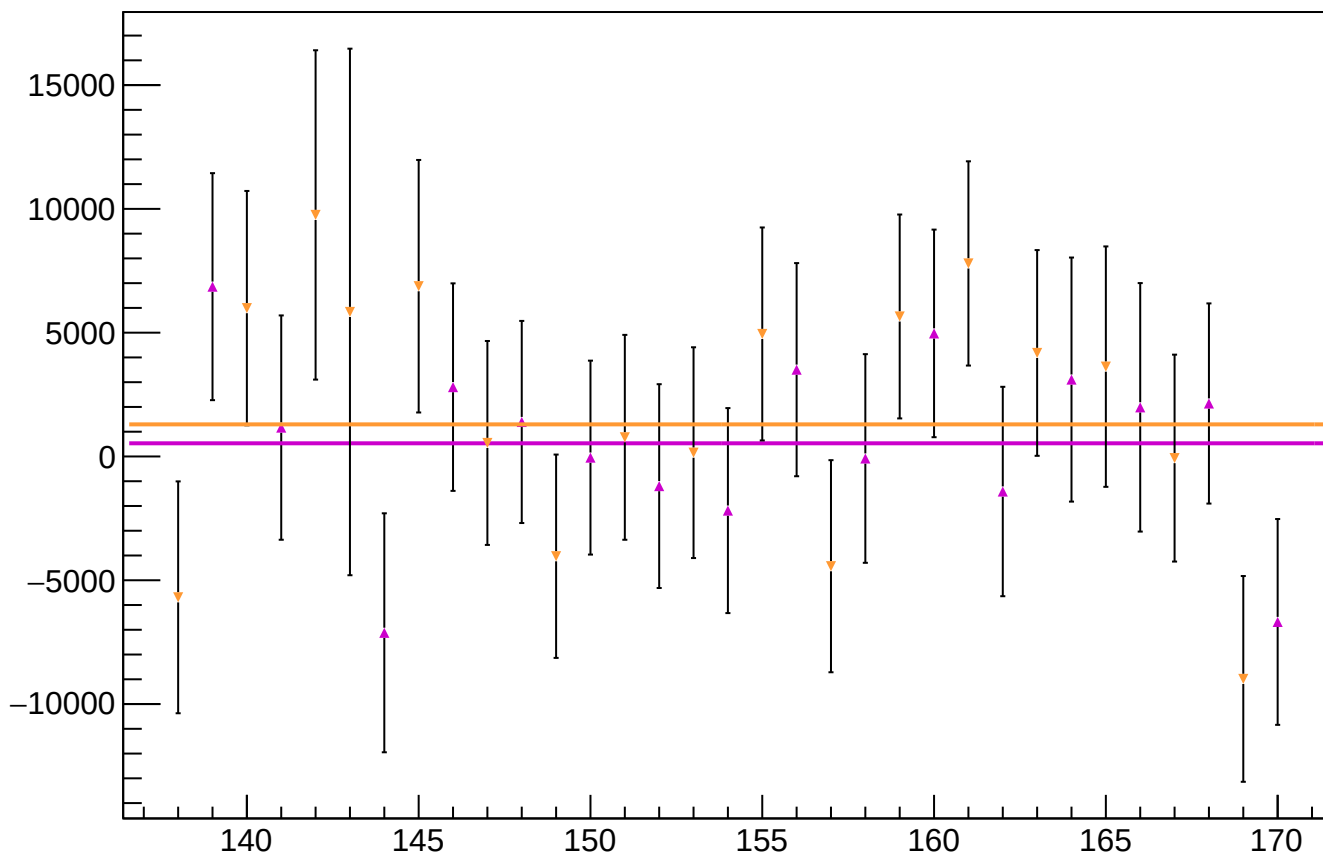
Left In: 1842.329+/-0.368 χ^2/NDF : 72926.2/15

+ sign 1802.832+/-0.294 χ^2/NDF : 1065325.5/33

All: 1785.536+/-0.205 χ^2/NDF : 1847790.3/68

- sign 1769.141+/-0.286 χ^2/NDF : 775706.9/34

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1296.428+/-1095.120 χ^2/NDF : 21.1/16

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

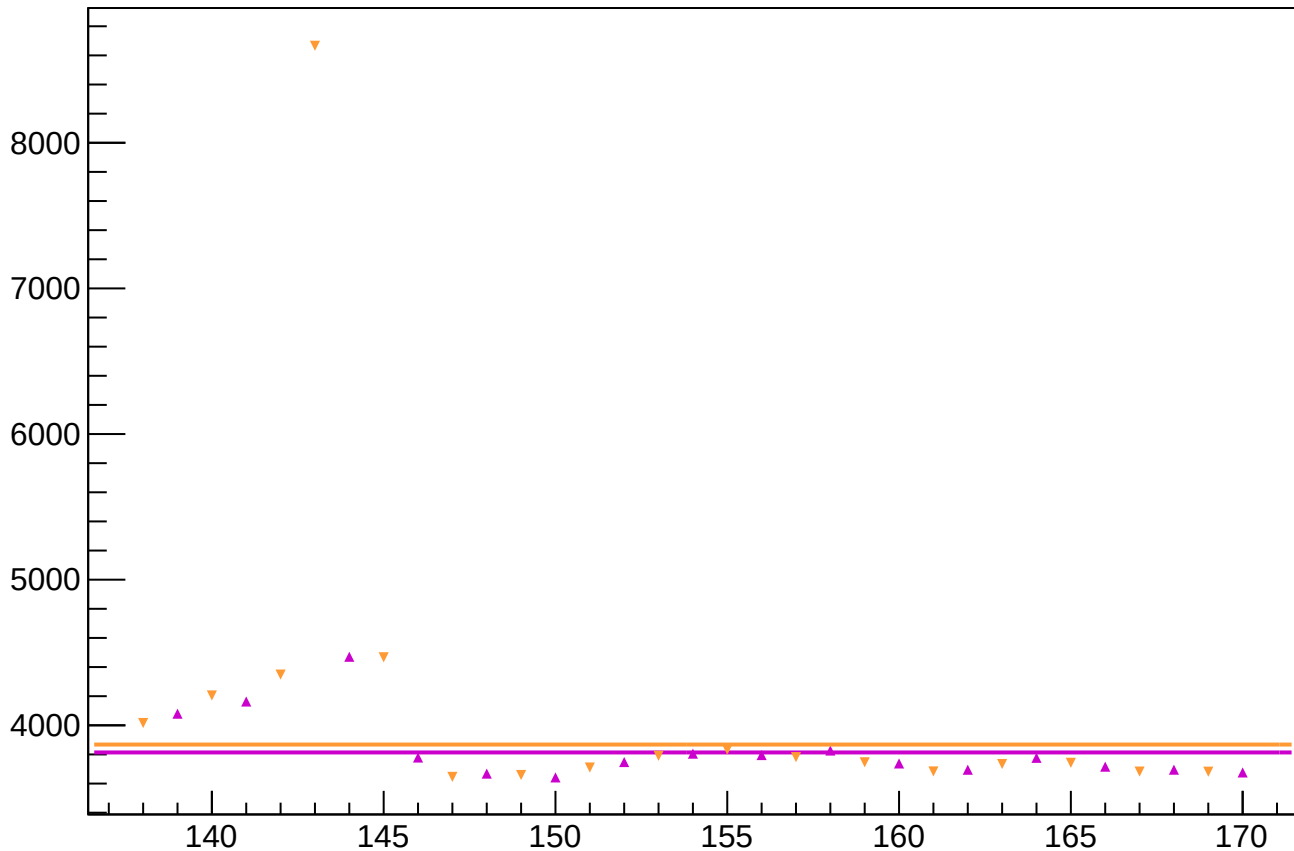
Left In: 531.917+/-1077.202 χ^2/NDF : 10.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 907.867+/-767.954 χ^2/NDF : 32.1/32

- 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: 3867.887+/-0.774 χ^2/NDF : 490028.3/16

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

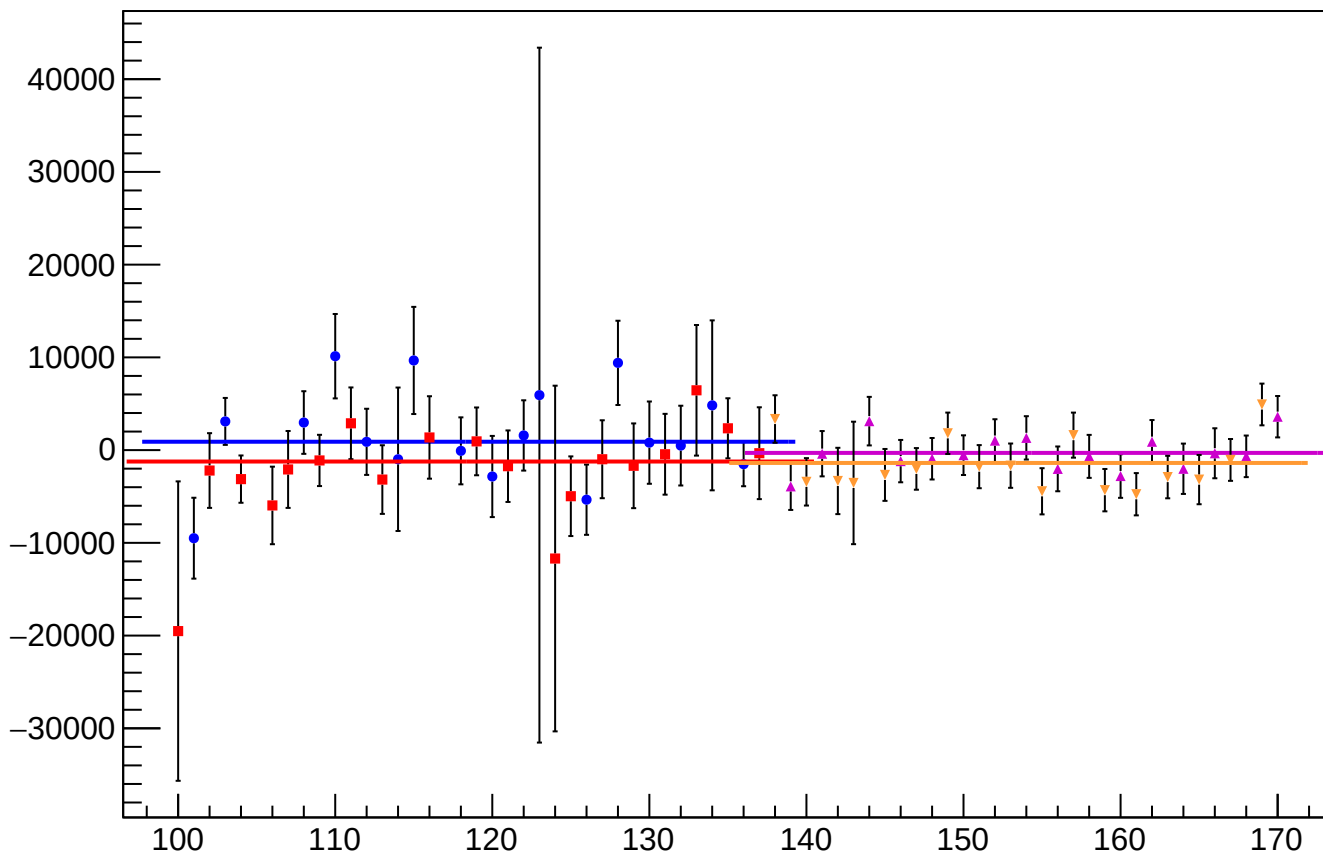
Left In: 3813.669+/-0.762 χ^2/NDF : 69801.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3840.331+/-0.543 χ^2/NDF : 562320.9/32

- 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: -1383.492 ± 604.637 χ^2/NDF : 22.5/16

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

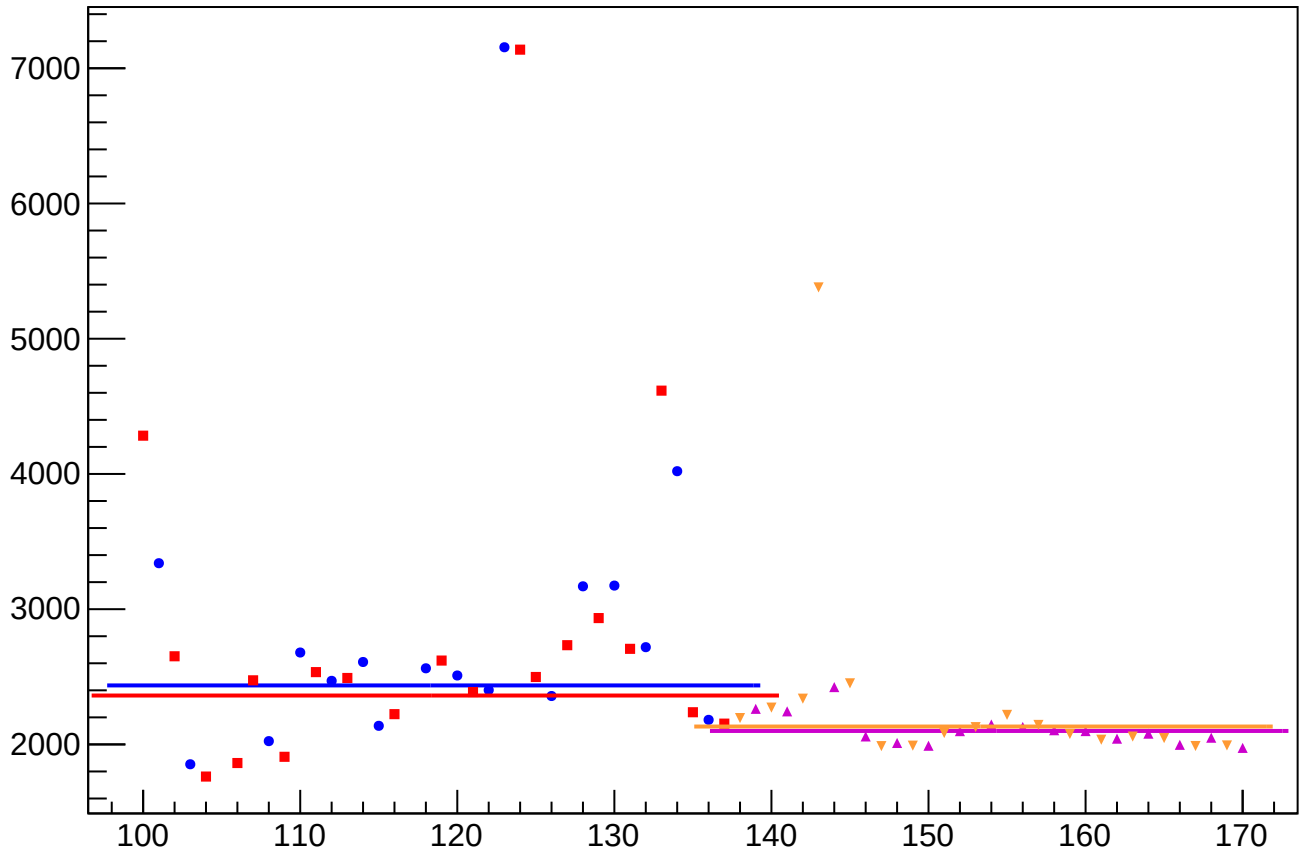
Left In: -300.051 ± 592.982 χ^2/NDF : 10.2/15

+ sign -735.860 ± 511.907 χ^2/NDF : 48.2/33

All: -651.460 ± 357.401 χ^2/NDF : 68.0/68

- sign -571.193 ± 499.216 χ^2/NDF : 19.8/34

asym_at2_dd_rms vs Slug



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

Left Out: 2132.228+/-0.428 χ^2/NDF : 568061.9/16

+ sign 2218.332+/-0.362 χ^2/NDF : 1179825.5/33

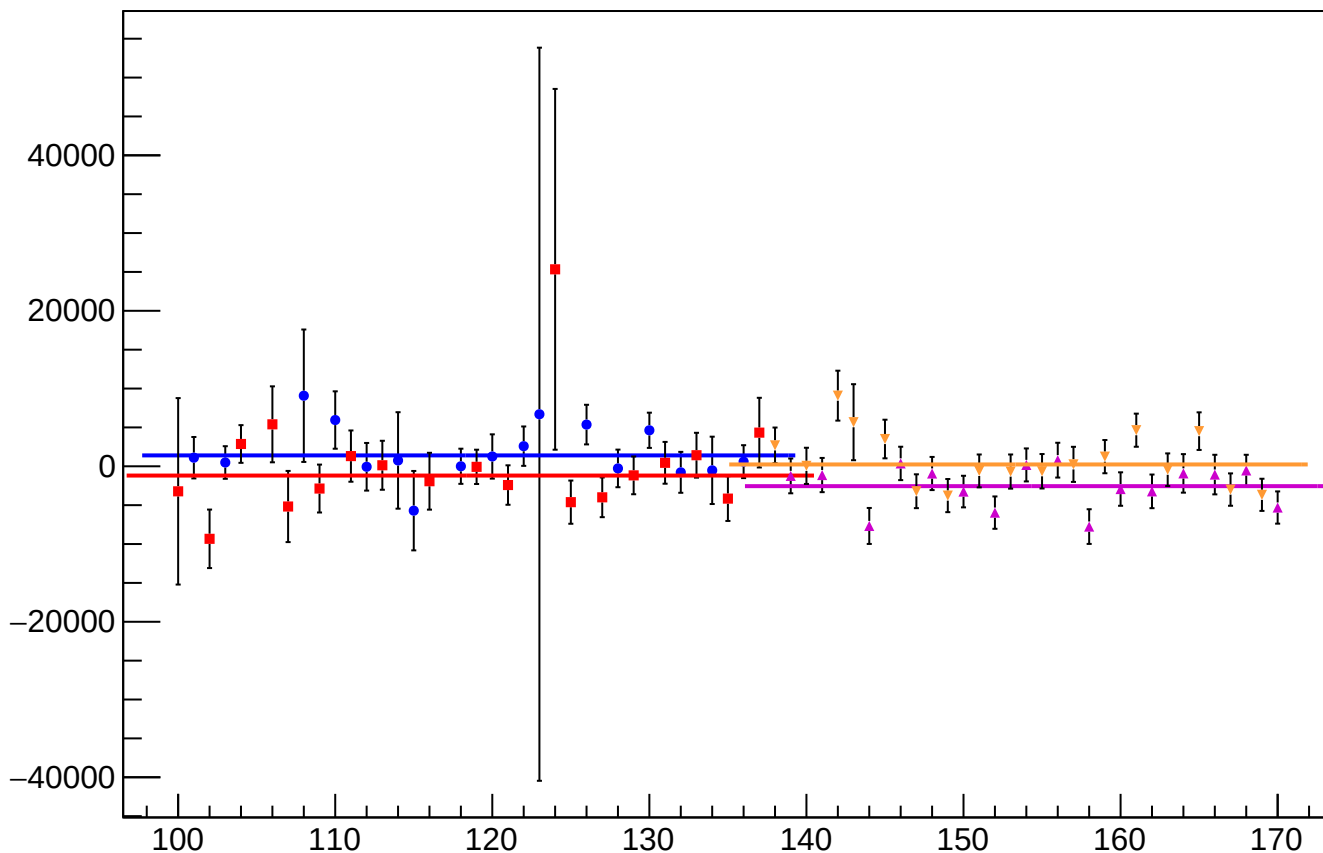
Right Out: 2361.558+/-0.654 χ^2/NDF : 655845.9/18

All: 2196.544+/-0.253 χ^2/NDF : 2024179.5/68

- sign 2175.823+/-0.353 χ^2/NDF : 837285.2/34

Left In: 2099.497+/-0.419 χ^2/NDF : 67670.9/15

dit_asym_atl_avg_mean vs Slug



Right In: 1400.477 $\pm$ 699.727 χ^2 /NDF: 11.3/16

Left Out: 236.676 $\pm$ 555.581 χ^2 /NDF:32.0/16

Right Out: -1191.720 $\pm$ 715.266 χ^2 /NDF: 19.5/18

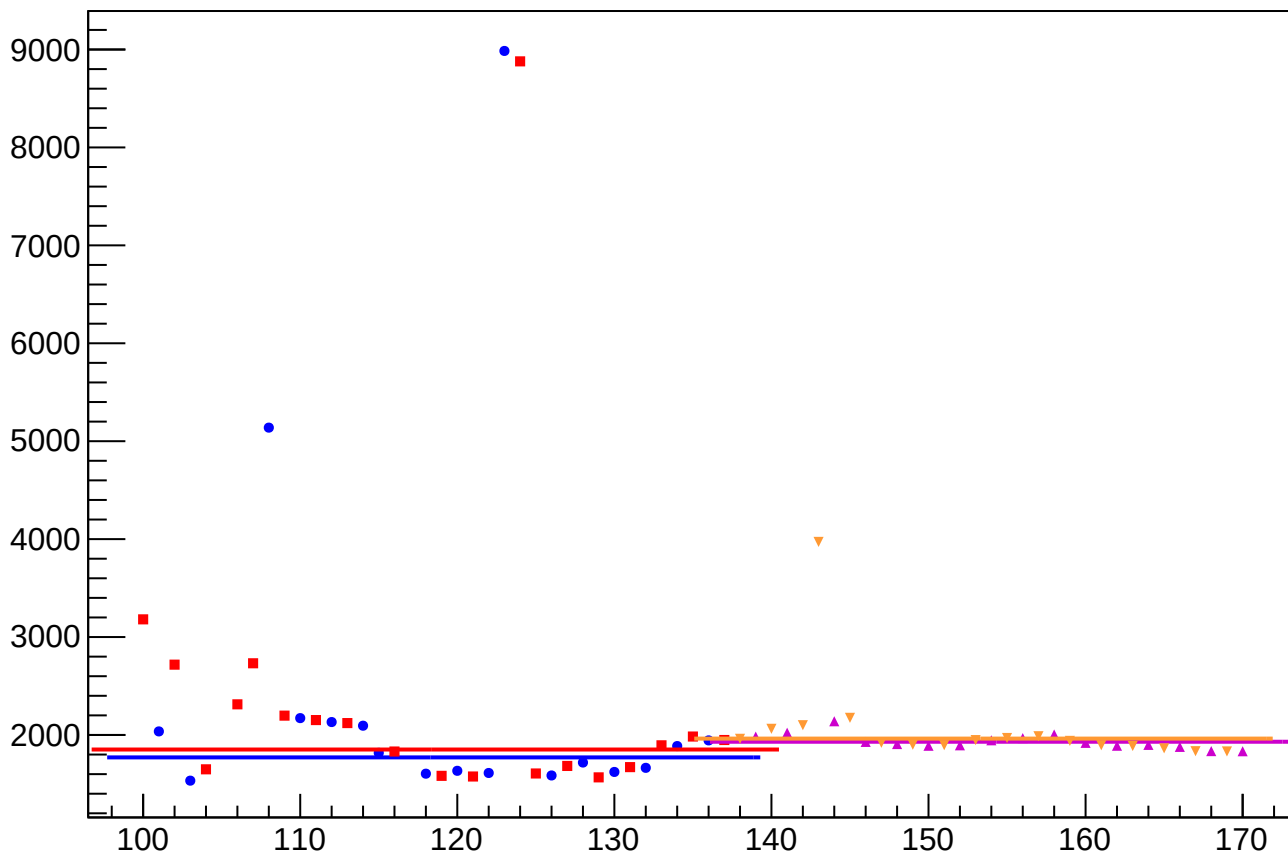
Left In: -2554.214 $\pm$ 546.220 χ^2 /NDF:23.9/15

+ sign 686.677 $\pm$ 435.107 χ^2 /NDF: 44.9/33

All: -685.957 $\pm$ 307.315 χ^2 /NDF: 110.5/68

- sign -2052.327 $\pm$ 434.113 χ^2 /NDF: 45.6/34

dit_asym_atl_avg_rms vs Slug



Right In: 1770.964+/-0.495 χ^2/NDF : 523586.3/16

Left Out: 1962.944+/-0.393 χ^2/NDF : 388283.7/16

Right Out: 1851.378+/-0.505 χ^2/NDF : 597933.6/18

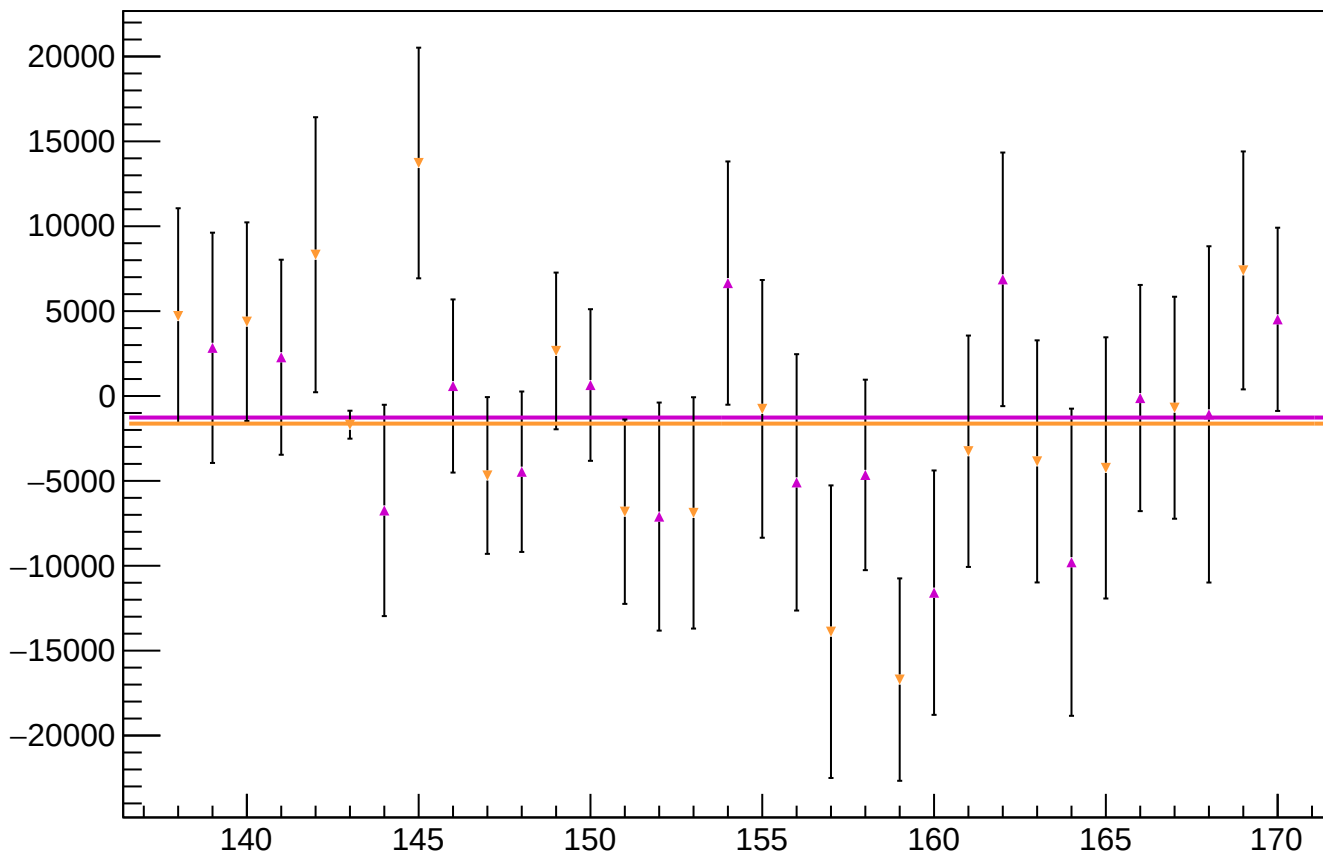
Left In: 1930.764+/-0.386 χ^2/NDF : 36294.4/15

+ sign 1888.712+/-0.308 χ^2/NDF : 1004209.0/33

All: 1895.112+/-0.217 χ^2/NDF : 1654884.9/68

- sign 1901.478+/-0.307 χ^2/NDF : 649812.7/34

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1626.843+/-730.144 χ^2/NDF :21.9/16

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

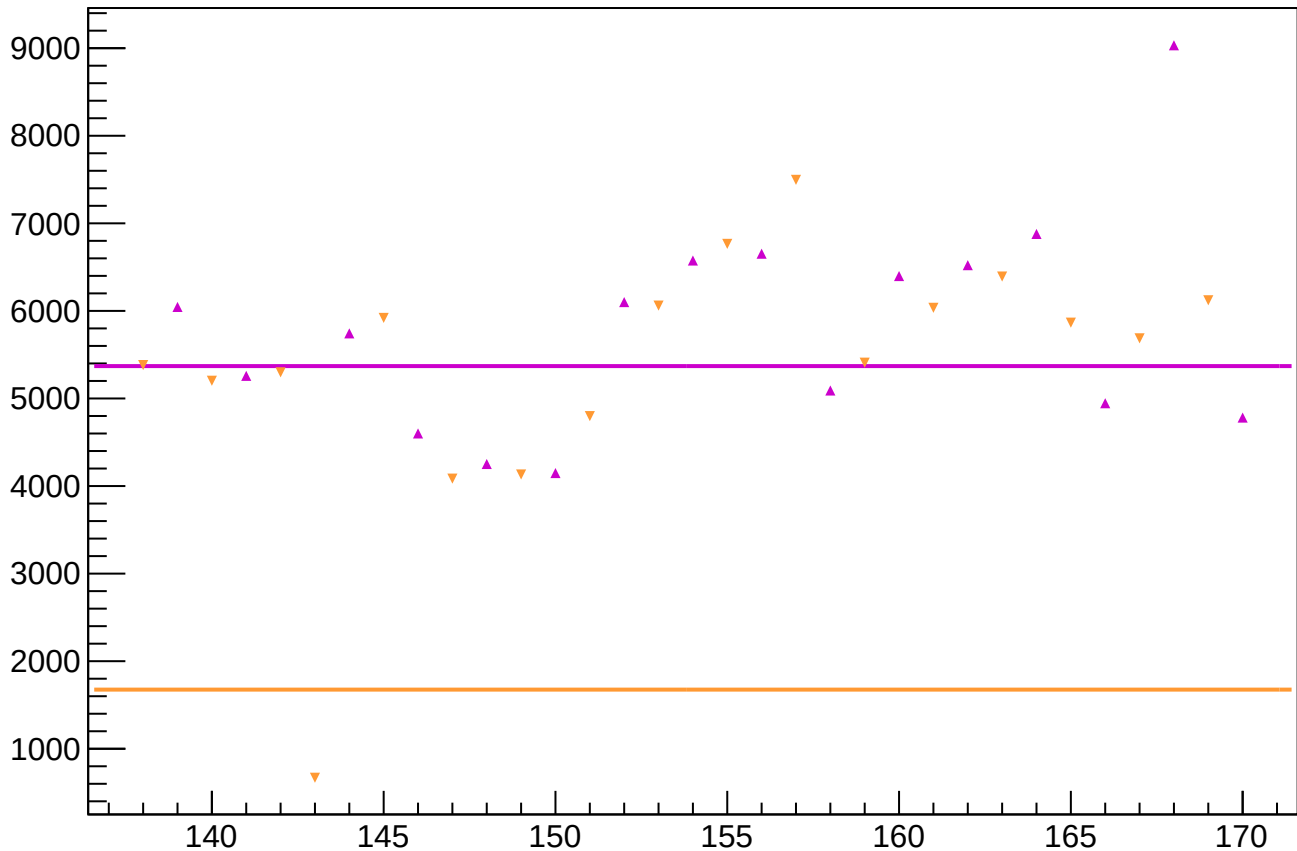
Left In: -1268.905+/-1545.484 χ^2/NDF :10.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1561.530+/-660.177 χ^2/NDF : 32.1/32

- 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: 1675.486+/-0.516 χ^2/NDF : 14617781.1/16

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

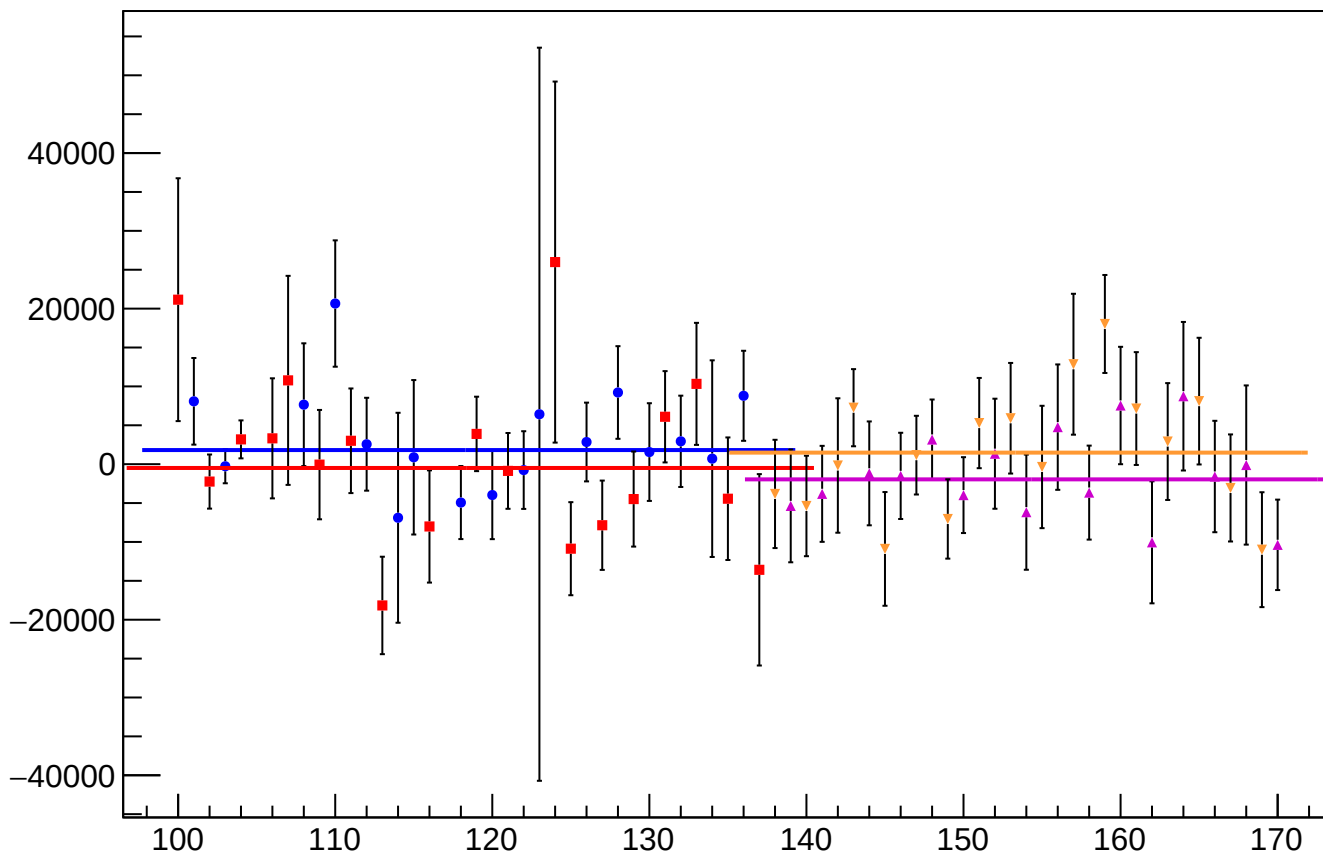
Left In: 5369.757+/-1.093 χ^2/NDF : 927288.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2349.580+/-0.467 χ^2/NDF : 24887544.7/3

- 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: 1485.334+/-1603.054 χ^2/NDF : 22.7/16

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

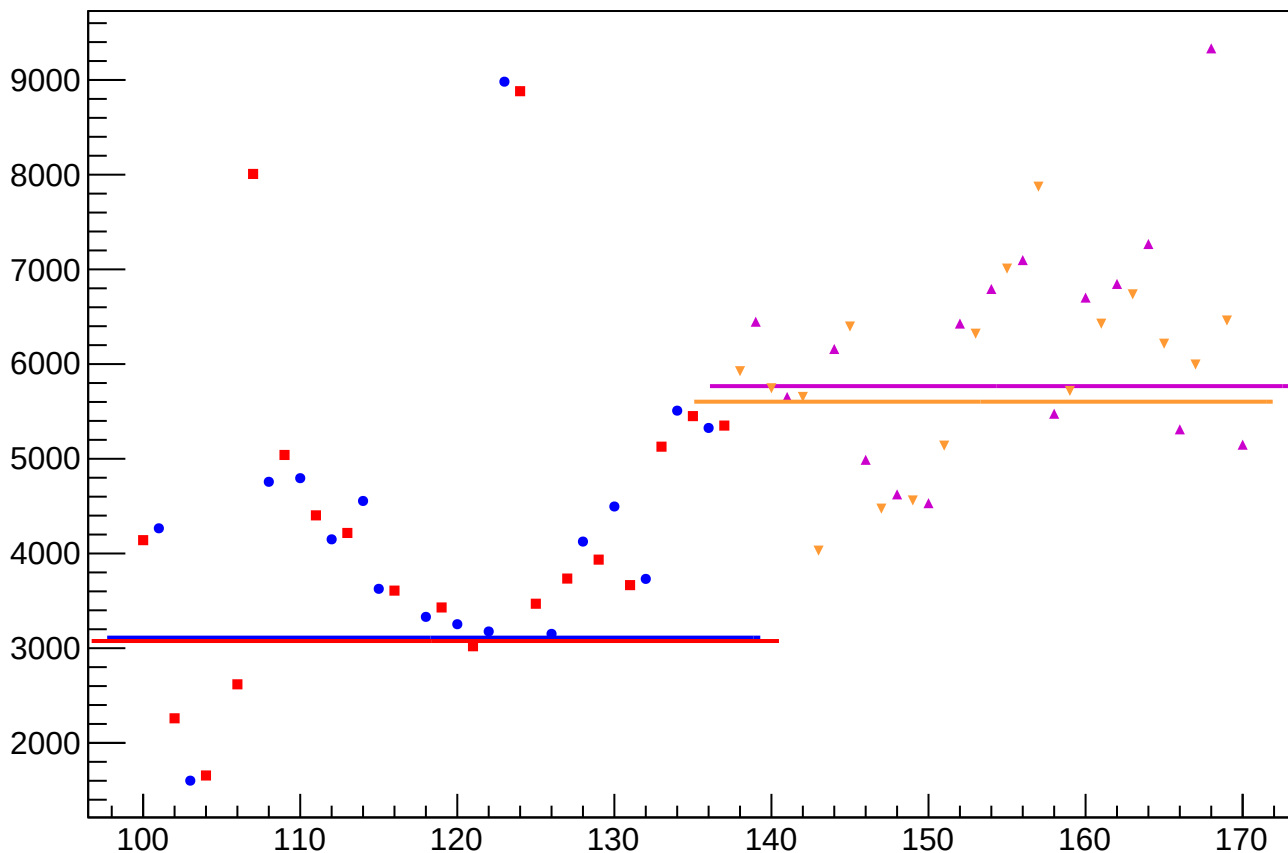
Left In: -1954.074+/-1656.472 χ^2/NDF : 8.8/15

+ sign 1683.610+/-1010.327 χ^2/NDF : 37.7/33

All: 329.425+/-716.352 χ^2/NDF : 77.2/68

- sign -1039.595+/-1015.846 χ^2/NDF : 35.8/34

asym_atl_avg_rms vs Slug



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

Left Out: 5602.976 ± 1.134 χ^2/NDF : 752599.5/16

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

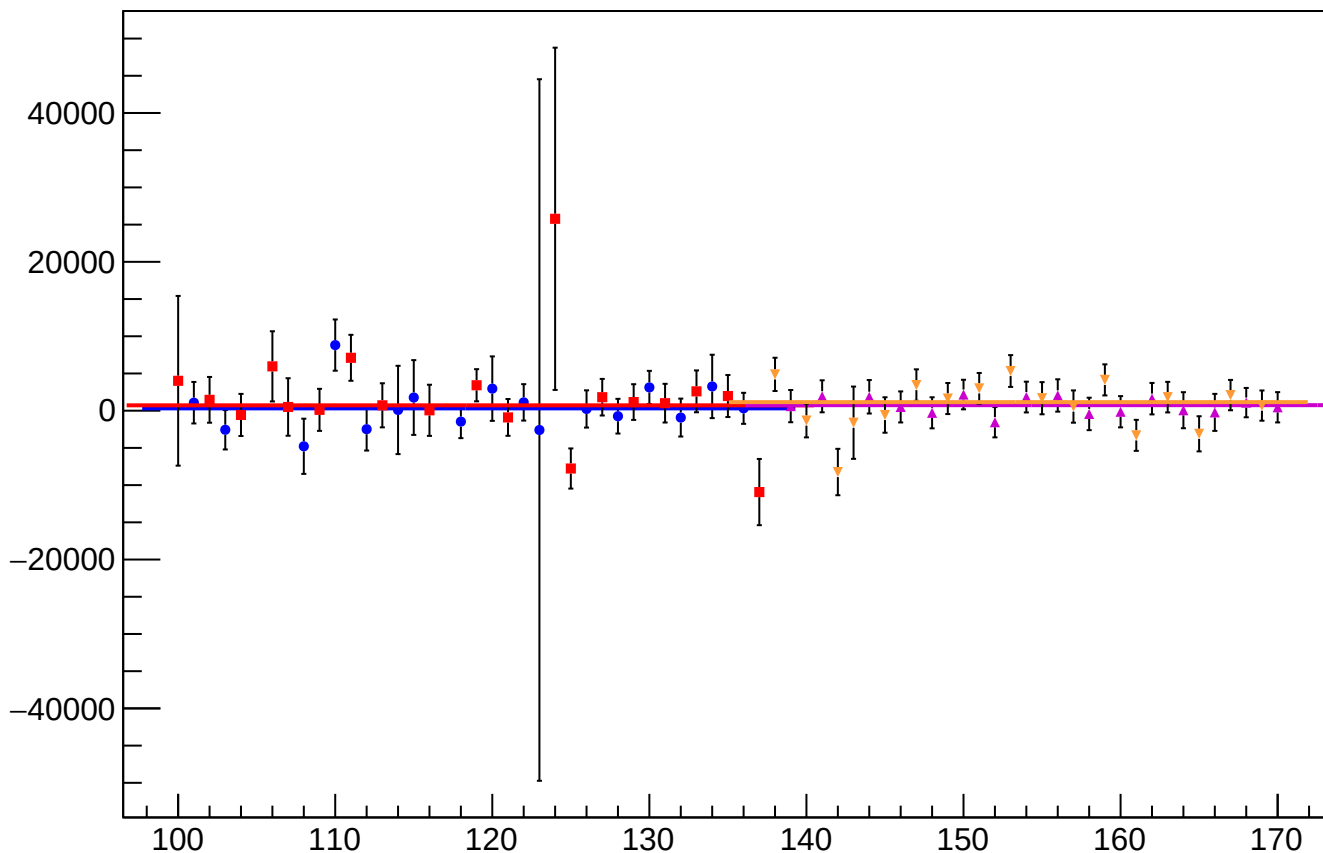
Left In: 5767.374 ± 1.171 χ^2/NDF : 798168.6/15

+ sign 4101.186 ± 0.714 χ^2/NDF : 5543576.0/33

All: 4085.393 ± 0.504 χ^2/NDF : 11682843.9/6

- sign 4069.716 ± 0.712 χ^2/NDF : 6138294.1/34

dit_asym_atl_dd_mean vs Slug



Right In: 310.890+/-702.491 χ^2/NDF : 13.9/16

Left Out: 1150.027+/-541.574 χ^2/NDF : 30.2/16

Right Out: 720.015+/-692.327 χ^2/NDF : 26.8/18

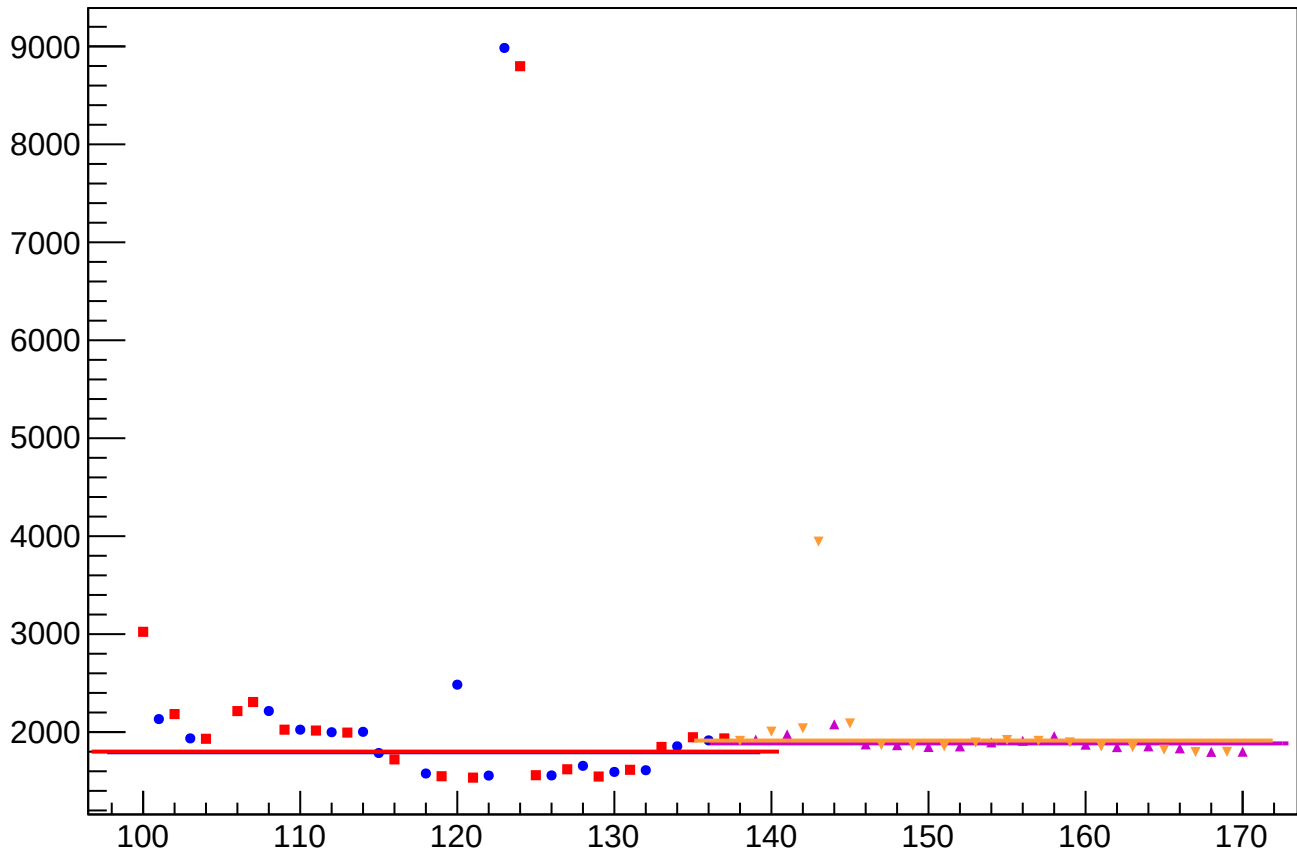
Left In: 741.387+/-533.093 χ^2/NDF : 4.2/15

+ sign 837.213+/-428.911 χ^2/NDF : 45.0/33

All: 784.527+/-300.952 χ^2/NDF : 76.0/68

- sign 733.432+/-422.385 χ^2/NDF : 30.9/34

dit_asym_atl_dd_rms vs Slug



Right In: 1794.083+/-0.497 χ^2/NDF : 276685.7/16

Left Out: 1913.501+/-0.383 χ^2/NDF : 391193.5/16

Right Out: 1800.745+/-0.489 χ^2/NDF : 444850.1/18

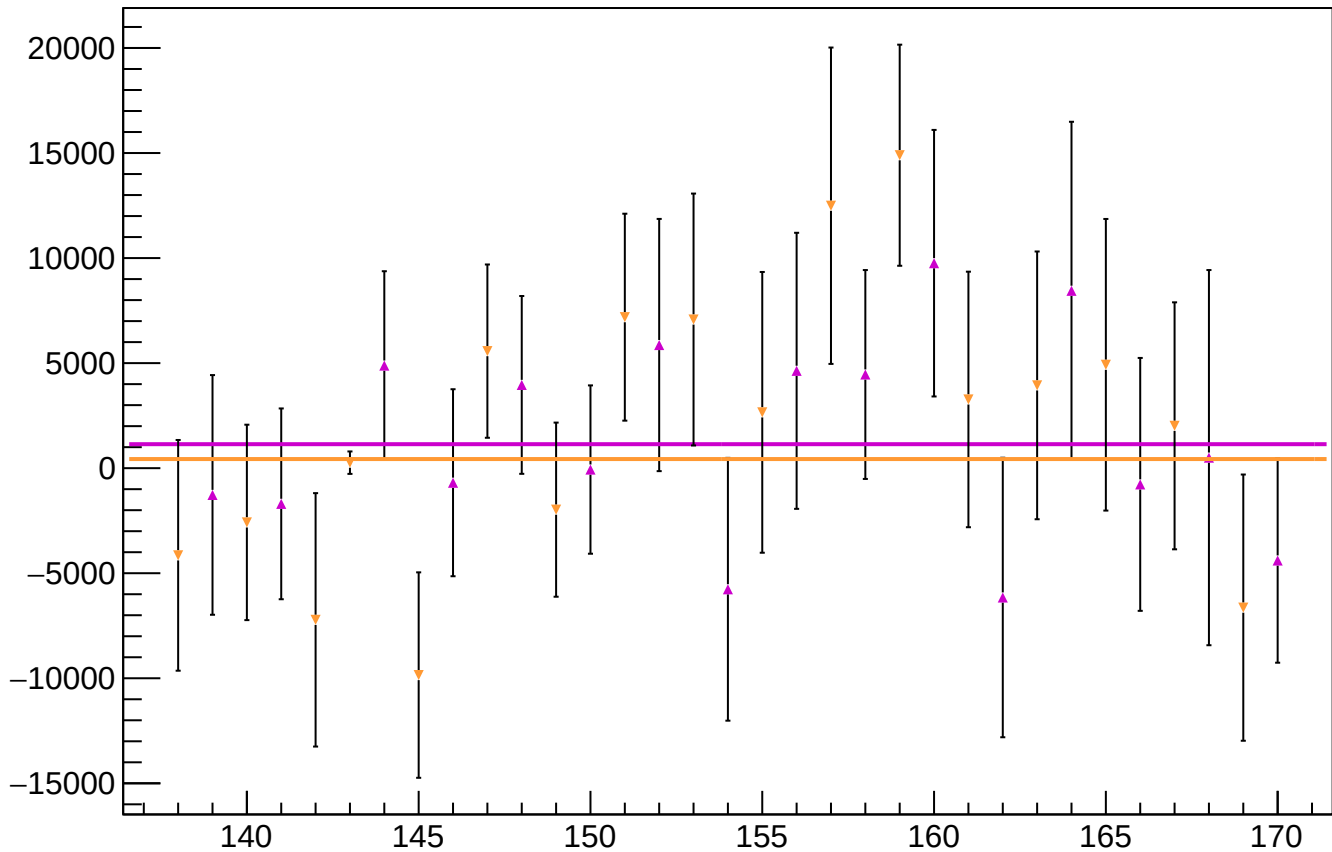
Left In: 1884.665+/-0.377 χ^2/NDF : 32339.9/15

+ sign 1868.984+/-0.303 χ^2/NDF : 704129.7/33

All: 1861.052+/-0.213 χ^2/NDF : 1201150.4/68

- sign 1853.368+/-0.298 χ^2/NDF : 495674.0/34

asym_atl_dd_correction_mean vs Slug



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

Left Out: 433.893+/-497.208 χ^2/NDF : 24.7/16

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

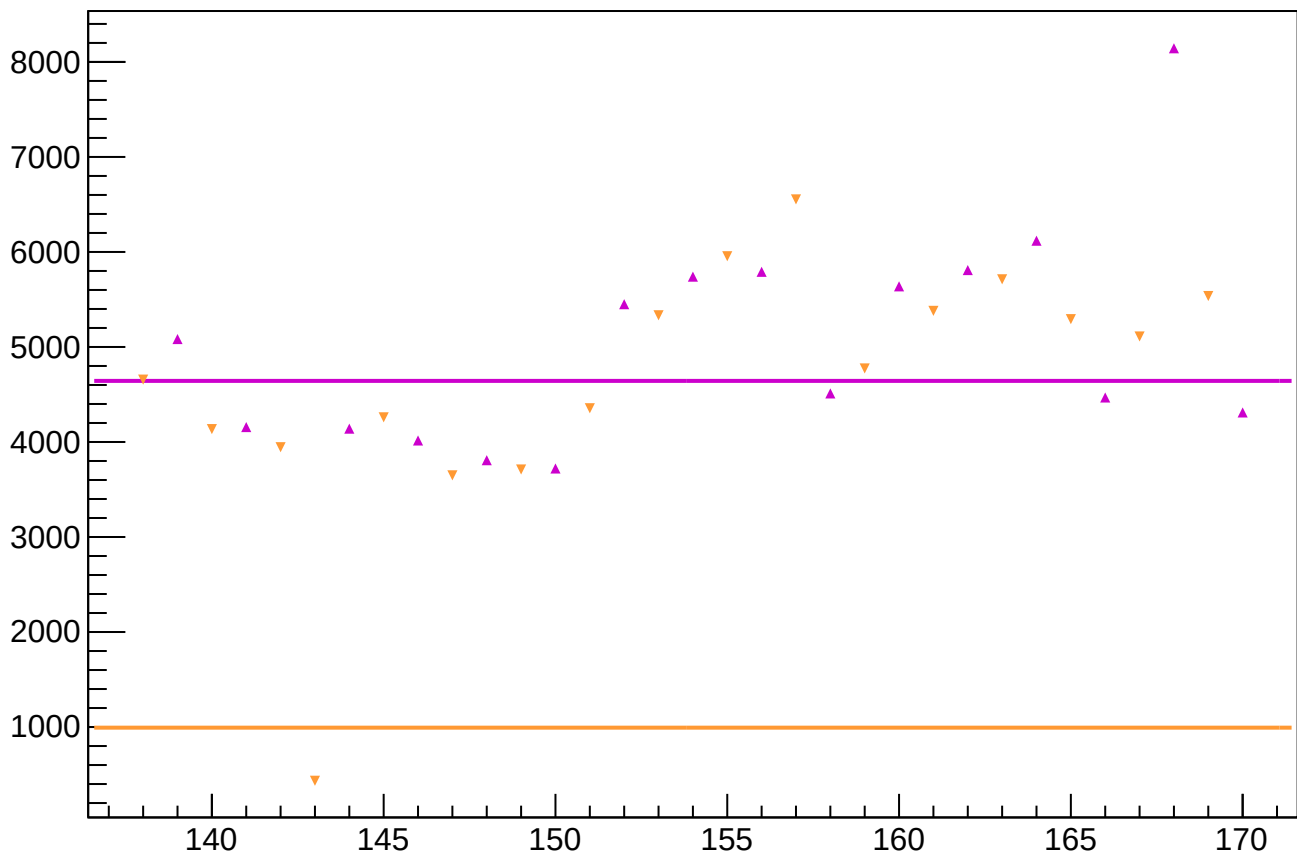
Left In: 1141.668+/-1336.681 χ^2/NDF : 9.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.920+/-466.013 χ^2/NDF : 34.8/32

- 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: 993.252+/-0.352 χ^2/NDF :17175865.1/16

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

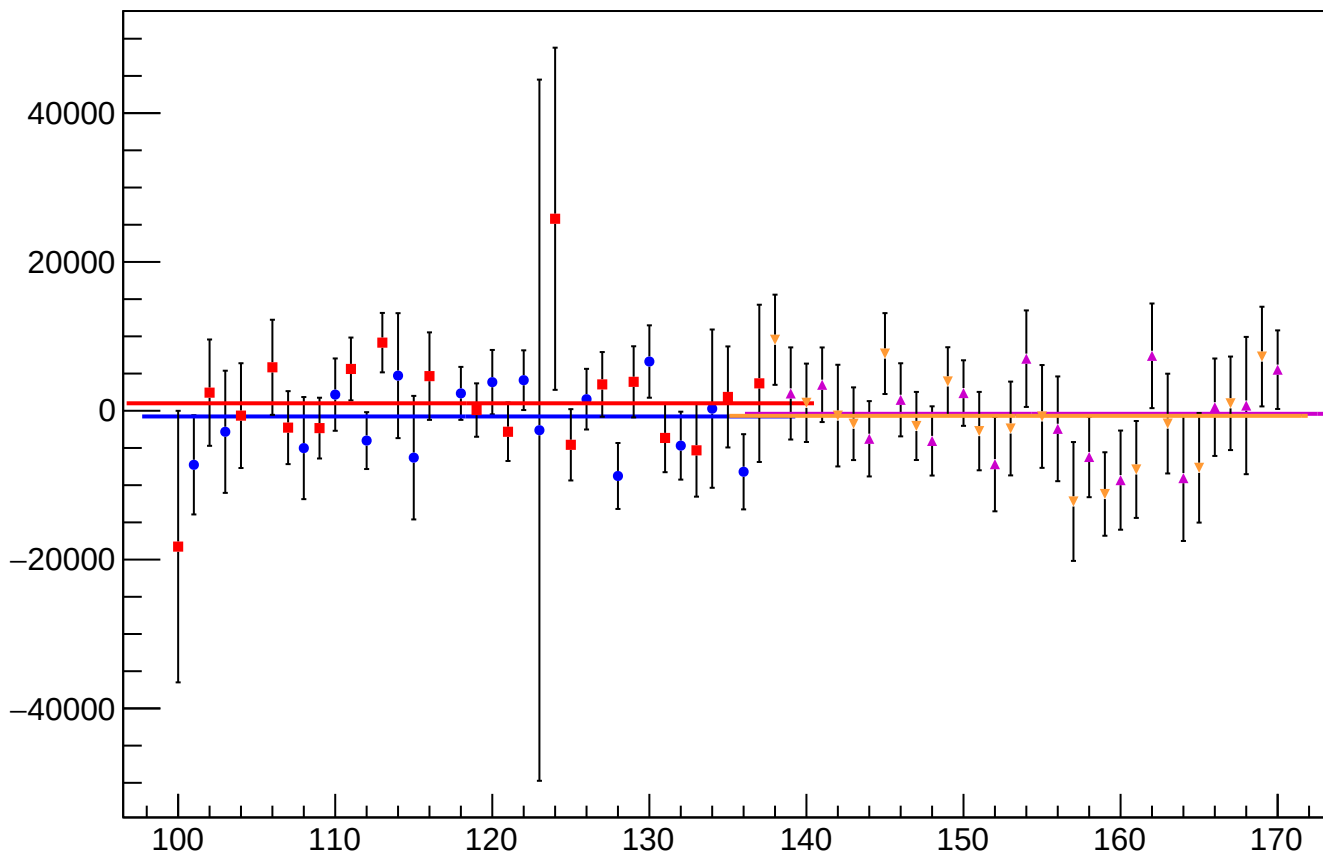
Left In: 4643.011+/-0.945 χ^2/NDF :939974.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1436.865+/-0.330 χ^2/NDF : 31214343.5/3

- 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: -681.276 ± 1418.460 χ^2/NDF : 15.9/16

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

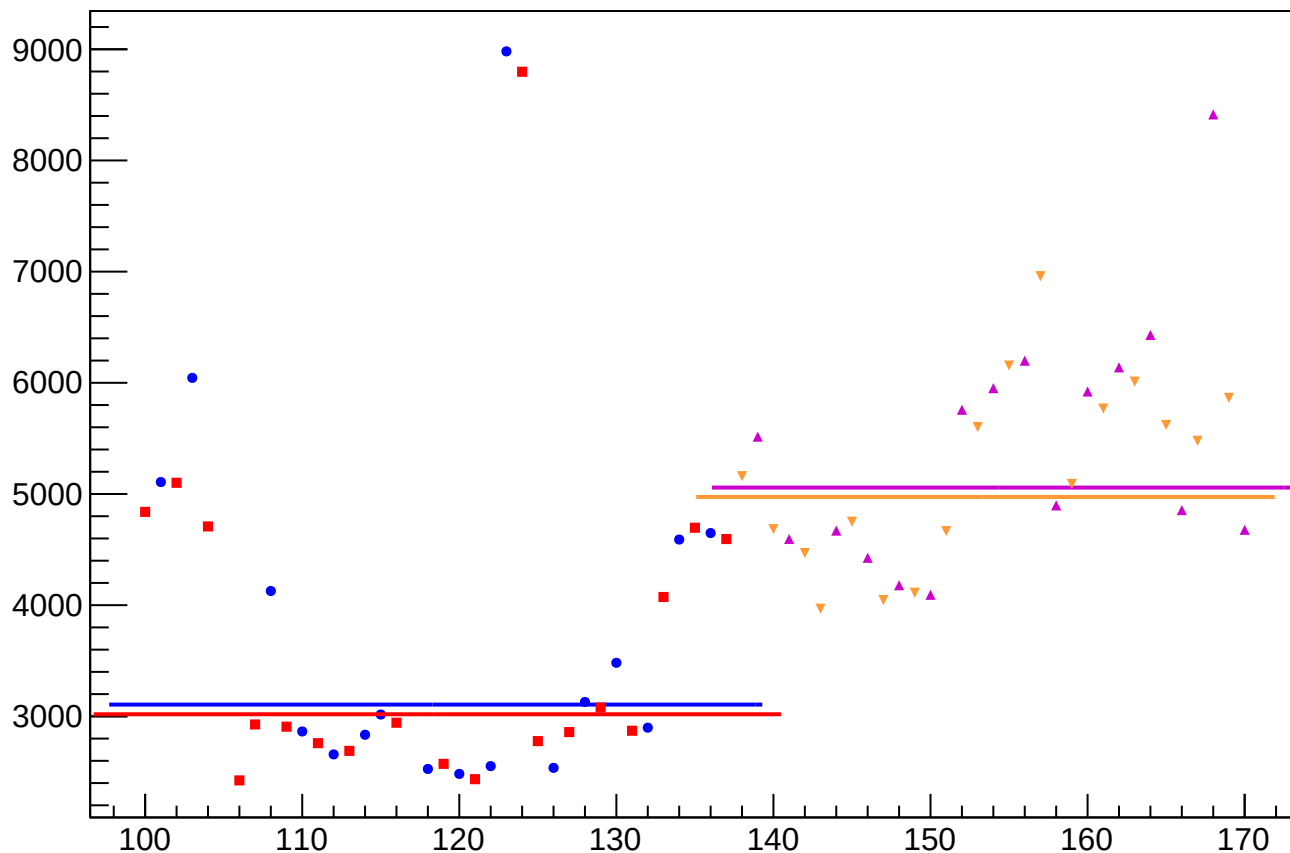
Left In: -409.923 ± 1451.251 χ^2/NDF : 11.4/15

+ sign -728.539 ± 936.845 χ^2/NDF : 31.4/33

All: -136.475 ± 656.672 χ^2/NDF : 59.2/68

- sign 435.373 ± 920.713 χ^2/NDF : 27.0/34

asym_atl_dd_rms vs Slug



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

Left Out: 4973.228 ± 1.003 χ^2/NDF : 610563.1/16

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

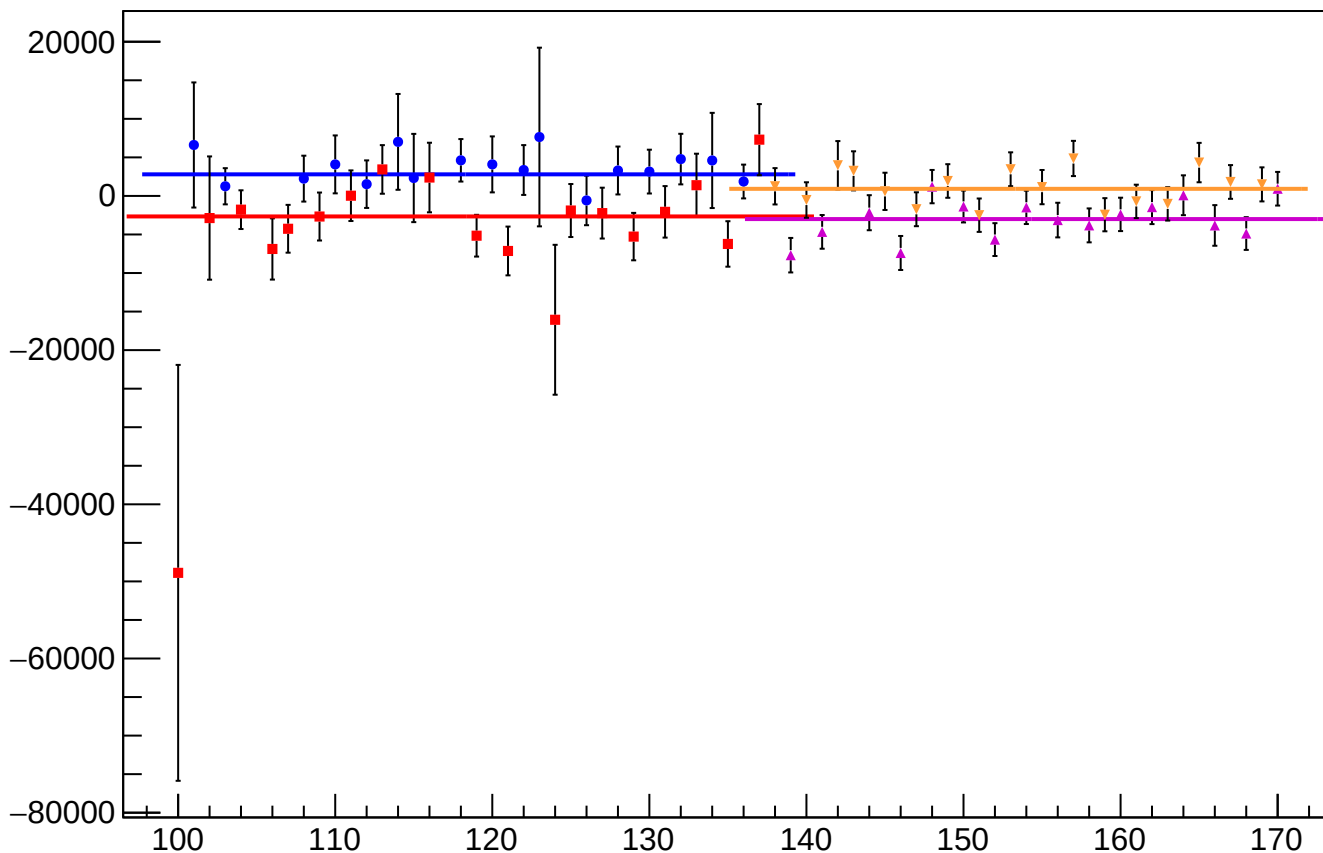
Left In: 5057.680 ± 1.026 χ^2/NDF : 767308.4/15

+ sign 3920.426 ± 0.662 χ^2/NDF : 3524618.5/33

All: 3872.639 ± 0.463 χ^2/NDF : 7478811.9/68

- sign 3827.173 ± 0.646 χ^2/NDF : 3944038.6/34

dit_asym_atr_avg_mean vs Slug



Right In: 2800.286 ± 815.307 χ^2/NDF : 4.0/16

Left Out: 921.494 ± 555.550 χ^2/NDF : 16.5/16

Right Out: -2660.424 ± 808.554 χ^2/NDF : 22.8/18

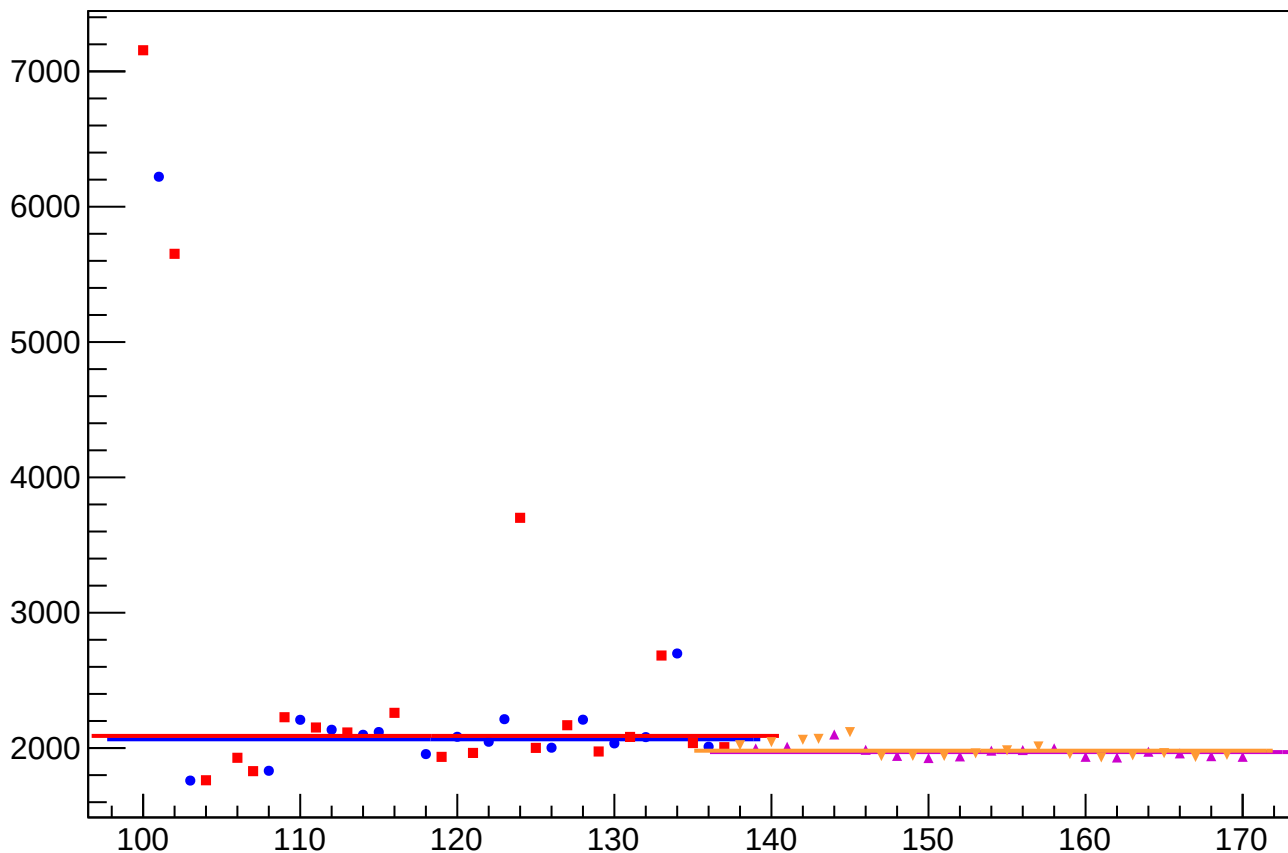
Left In: -3001.632 ± 555.654 χ^2/NDF : 21.8/15

+ sign 1517.226 ± 459.100 χ^2/NDF : 24.2/33

All: -693.044 ± 324.223 χ^2/NDF : 115.1/68

- sign -2892.180 ± 457.942 χ^2/NDF : 44.7/34

dit_asym_atr_avg_rms vs Slug



Right In: 2064.706 $\pm$ 0.577 χ^2 /NDF: 606406.5/16

Left Out: 1980.429 $\pm$ 0.393 χ^2 /NDF:17938.0/16

Right Out: 2089.787 $\pm$ 0.572 χ^2 /NDF: 640582.7/18

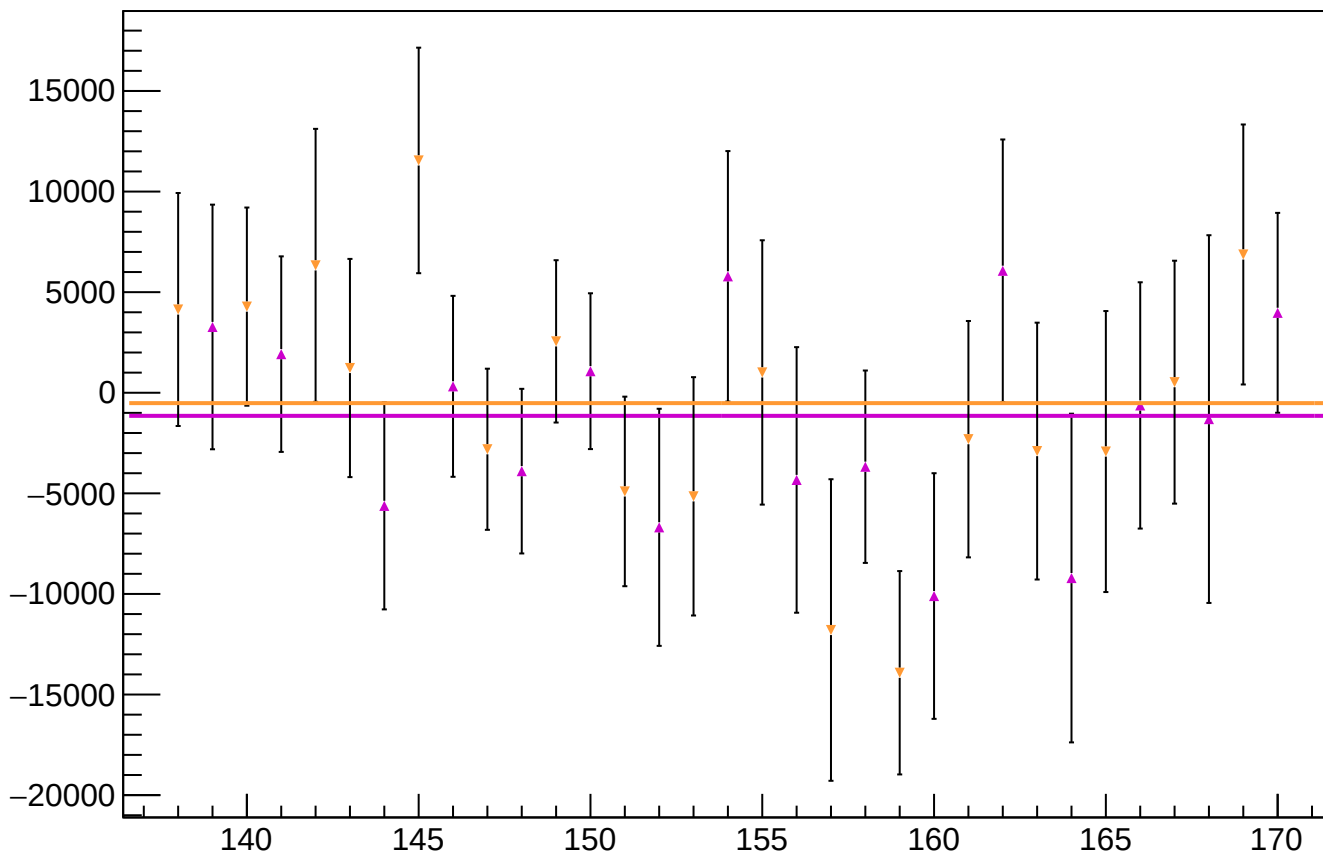
Left In: 1970.139 $\pm$ 0.393 χ^2 /NDF:11858.5/15

+ sign 2007.152 $\pm$ 0.325 χ^2 /NDF: 638938.5/33

All: 2007.847 $\pm$ 0.229 χ^2 /NDF: 1321149.6/68

- sign 2008.538 $\pm$ 0.324 χ^2 /NDF: 682201.9/34

asym_atr_avg_correction_mean vs Slug



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

Left Out: -515.339+/-1334.523 χ^2/NDF :20.8/16

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

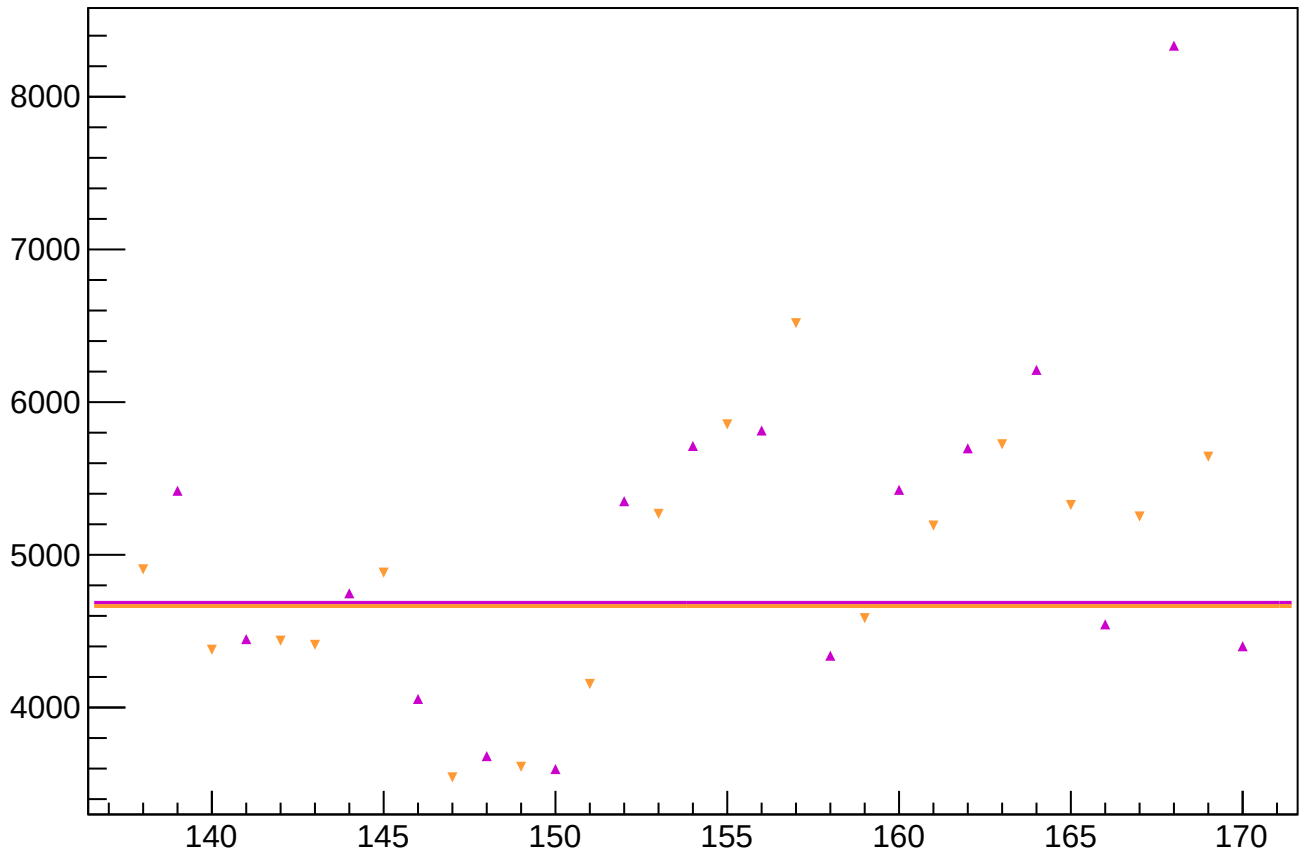
Left In: -1147.529+/-1349.878 χ^2/NDF :10.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -827.818+/-949.032 χ^2/NDF : 31.5/32

- 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: 4664.756+/-0.944 χ^2/NDF : 699448.5/16

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

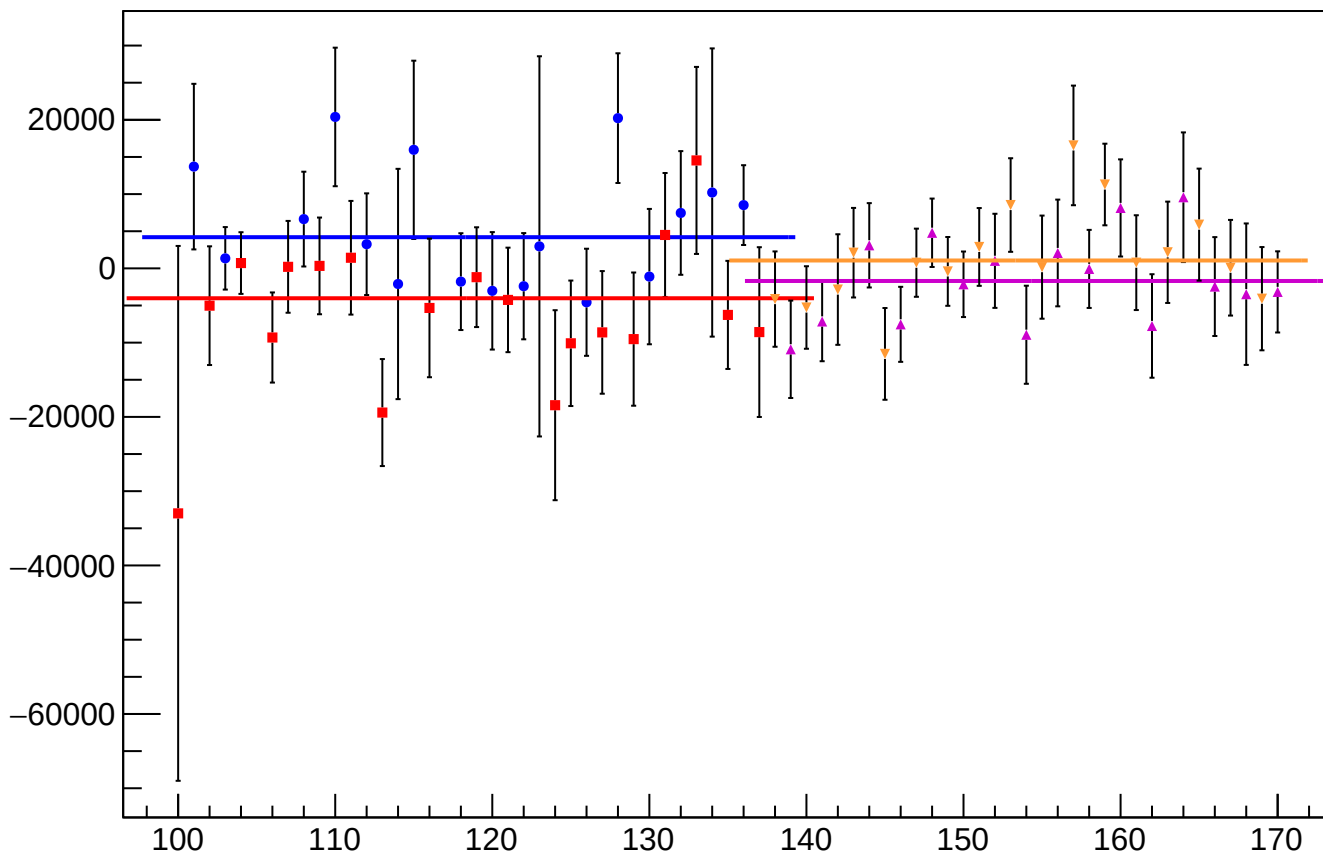
Left In: 4685.258+/-0.955 χ^2/NDF : 974633.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4674.890+/-0.671 χ^2/NDF : 1674315.3/32

- 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: 1060.905 ± 1471.448 χ^2/NDF : 16.2/16

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

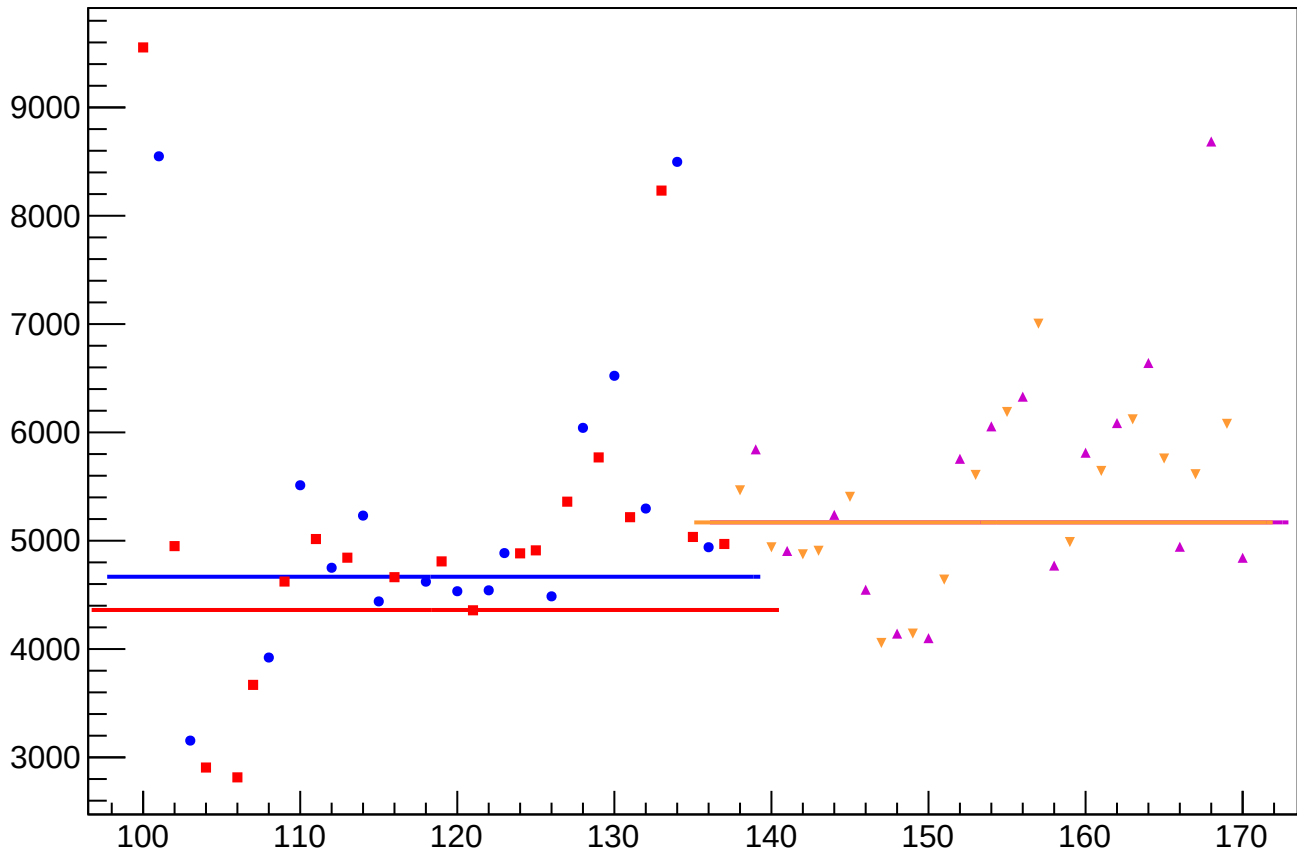
Left In: -1698.306 ± 1483.404 χ^2/NDF : 13.6/15

+ sign 2270.532 ± 1153.475 χ^2/NDF : 32.1/33

All: -270.544 ± 805.292 χ^2/NDF : 71.1/68

- sign -2686.755 ± 1124.778 χ^2/NDF : 29.5/34

asym_atr_avg_rms vs Slug



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

Left Out: 5169.016+/-1.040 χ^2/NDF : 518426.4/16

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

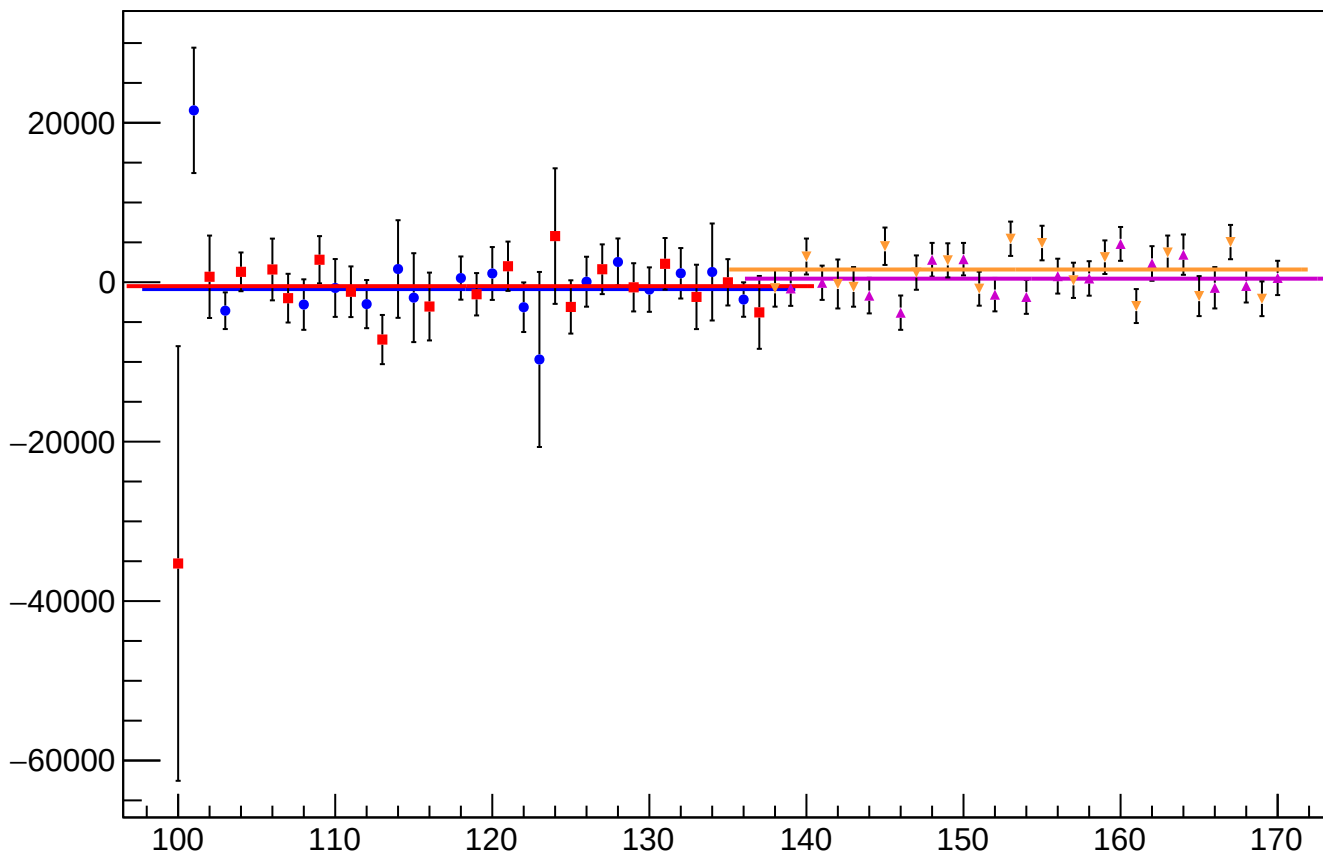
Left In: 5169.390+/-1.049 χ^2/NDF : 783086.9/15

+ sign 4975.674+/-0.816 χ^2/NDF : 1385857.7/33

All: 4897.379+/-0.569 χ^2/NDF : 3274040.7/68

- sign 4823.298+/-0.793 χ^2/NDF : 1870249.6/34

dit_asym_atr_dd_mean vs Slug



Right In: -860.655 ± 797.010 χ^2/NDF : 14.6/16

Left Out: 1594.724 ± 544.486 χ^2/NDF : 25.1/16

Right Out: -495.139 ± 780.927 χ^2/NDF : 13.0/18

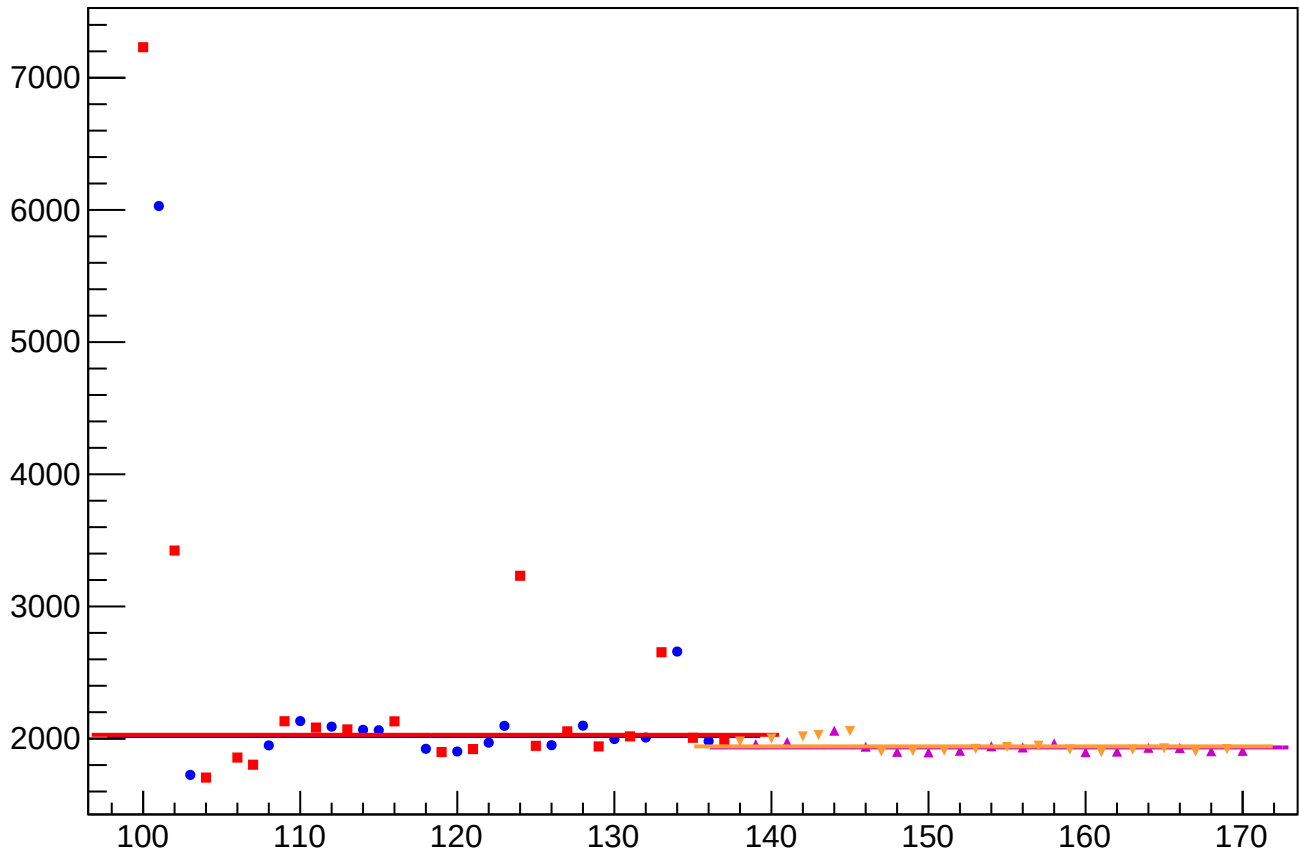
Left In: 444.350 ± 545.273 χ^2/NDF : 16.8/15

+ sign 813.418 ± 449.588 χ^2/NDF : 46.1/33

All: 473.028 ± 317.015 χ^2/NDF : 78.0/68

- sign 136.434 ± 447.075 χ^2/NDF : 30.7/34

dit_asym_atr_dd_rms vs Slug



Right In: 2019.624+/-0.564 χ^2/NDF : 587843.0/16

Left Out: 1941.219+/-0.385 χ^2/NDF : 14384.8/16

Right Out: 2028.987+/-0.551 χ^2/NDF : 371968.1/18

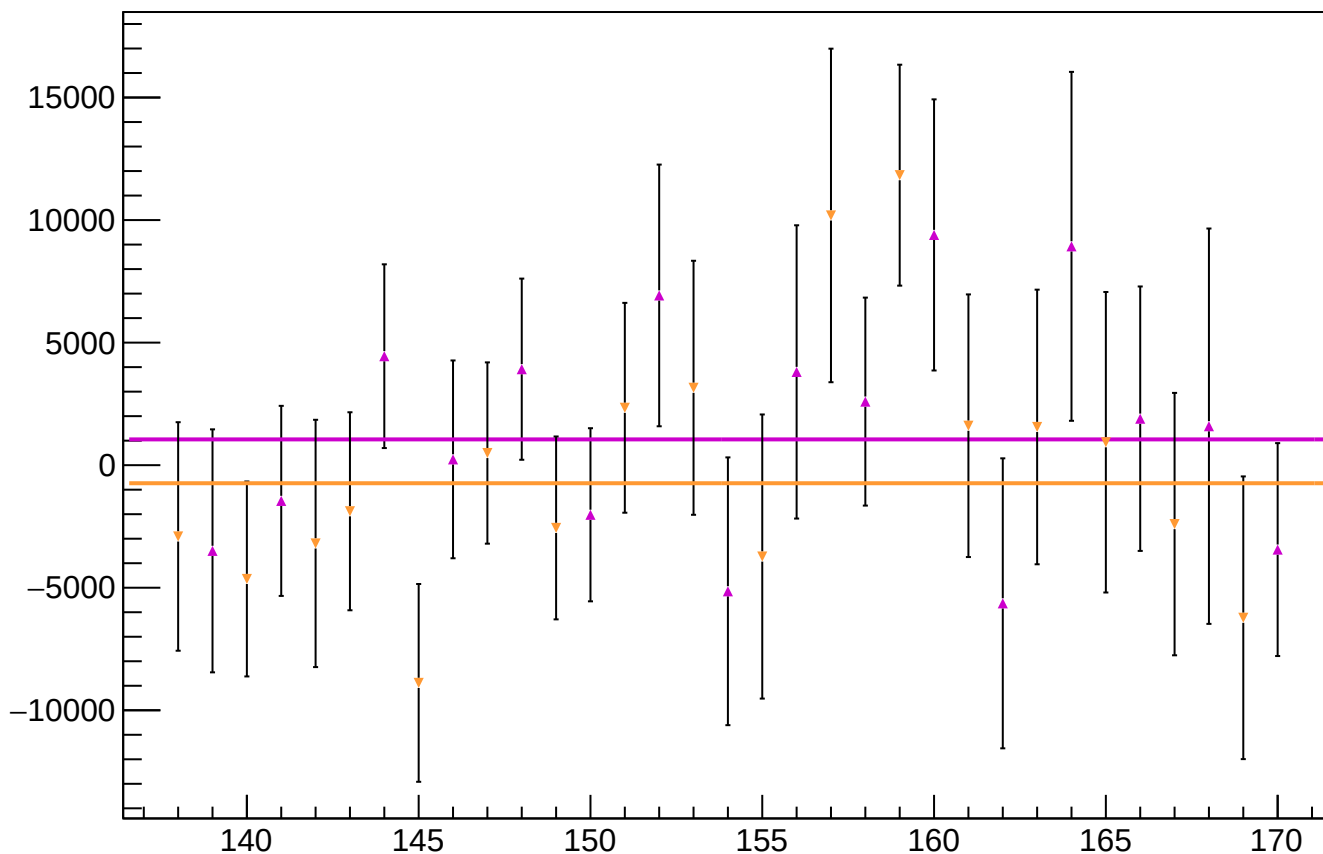
Left In: 1933.438+/-0.386 χ^2/NDF : 11012.7/15

+ sign 1966.168+/-0.318 χ^2/NDF : 615424.2/33

All: 1965.484+/-0.224 χ^2/NDF : 1018576.8/68

- sign 1964.808+/-0.316 χ^2/NDF : 403143.4/34

asym_atr_dd_correction_mean vs Slug



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

Left Out: -736.614+/-1141.923 χ^2/NDF : 19.1/16

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

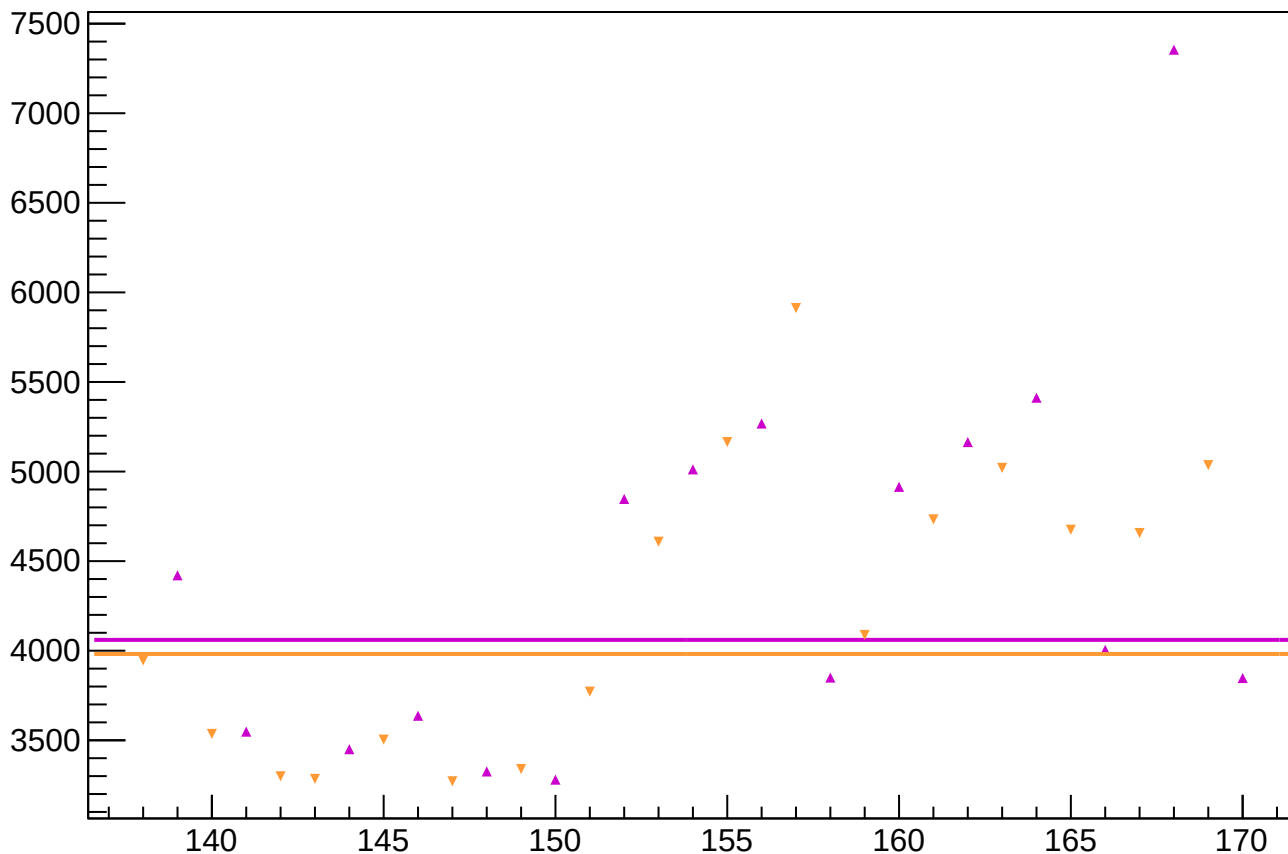
Left In: 1051.659+/-1171.178 χ^2/NDF : 12.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.909+/-817.609 χ^2/NDF : 32.5/32

- 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: 3981.820+/-0.807 χ^2/NDF : 794544.9/16

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

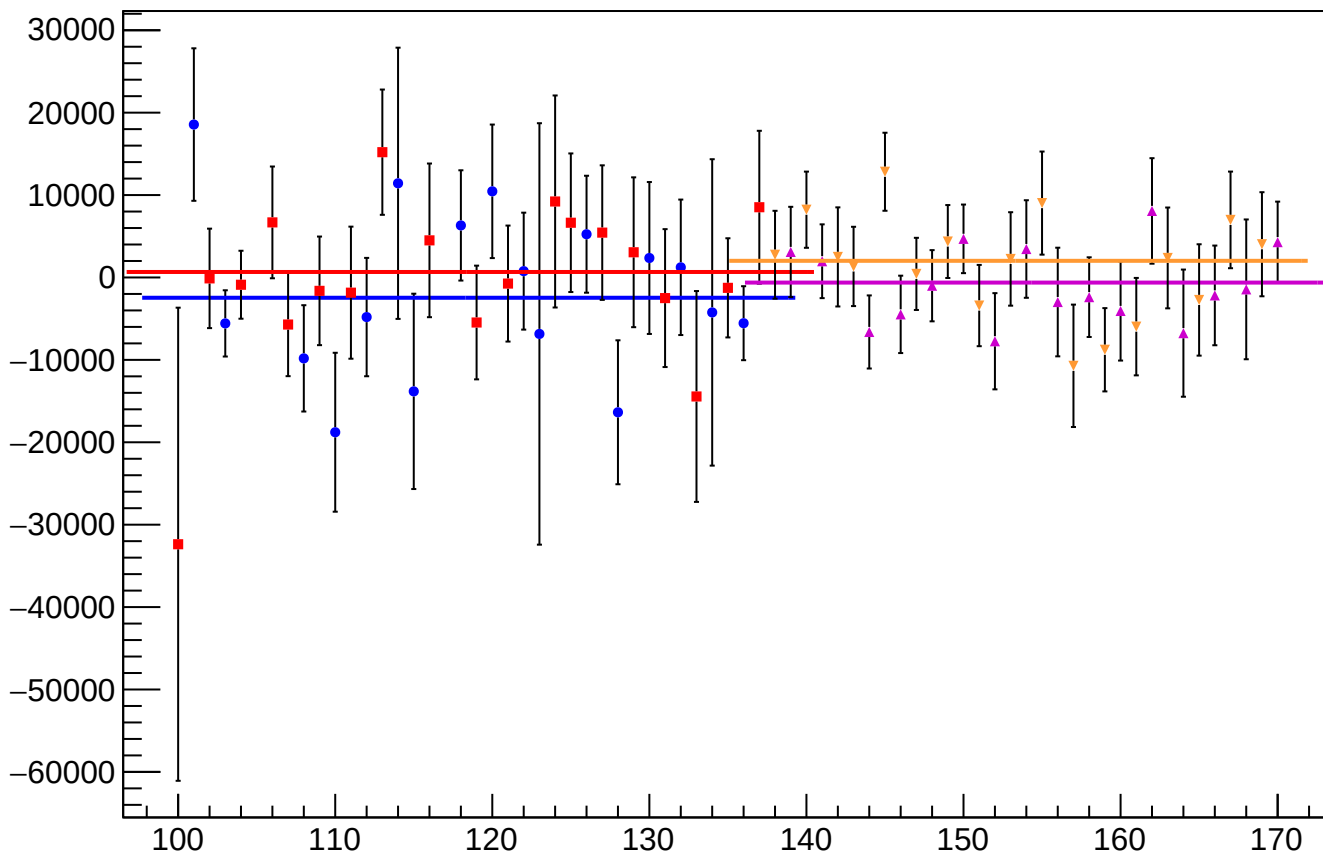
Left In: 4060.492+/-0.828 χ^2/NDF : 1015773.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4020.161+/-0.578 χ^2/NDF : 1814944.3/32

- 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: 2020.182 ± 1305.097 χ^2/NDF : 20.6/16

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

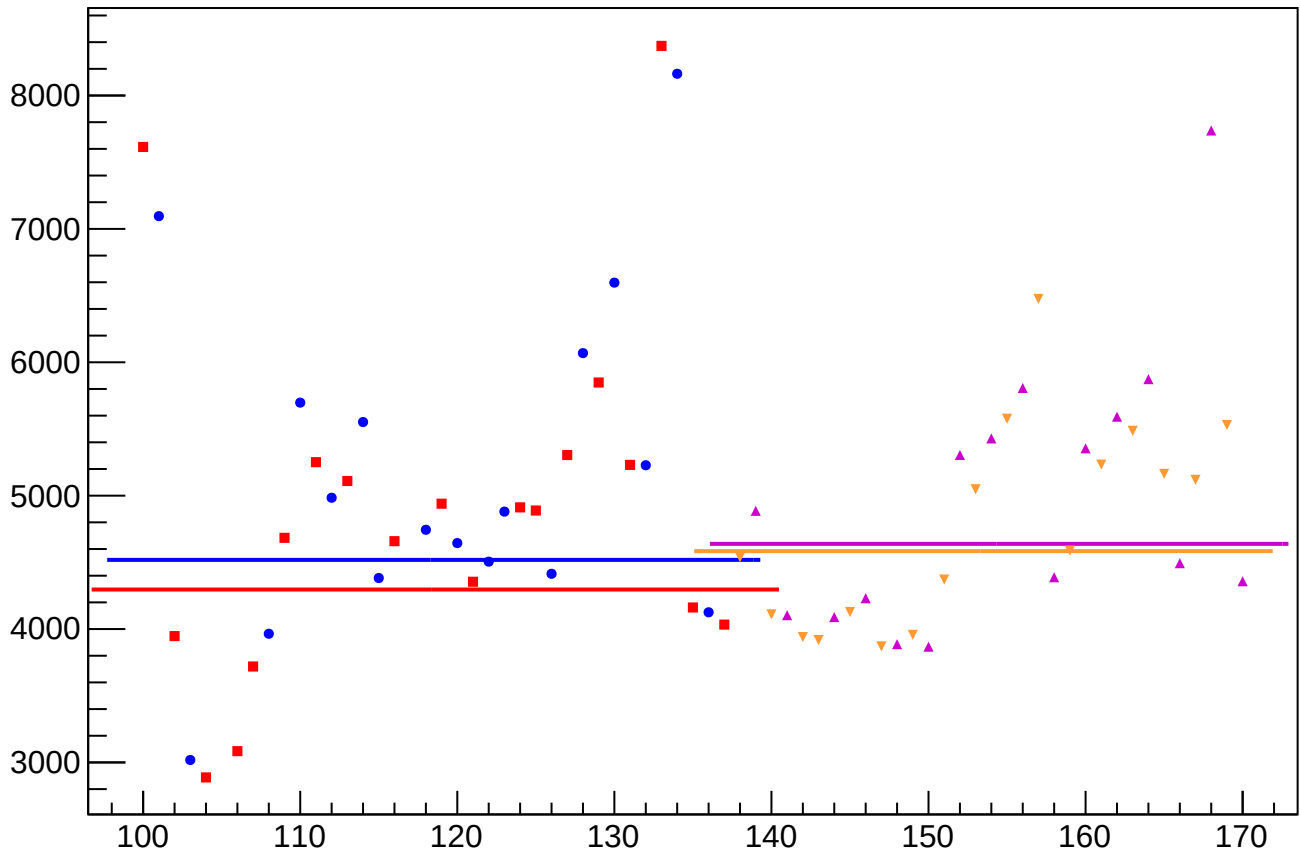
Left In: -621.220 ± 1329.482 χ^2/NDF : 11.0/15

+ sign 472.644 ± 1056.045 χ^2/NDF : 45.5/33

All: 168.616 ± 742.752 χ^2/NDF : 68.9/68

- sign -129.008 ± 1044.863 χ^2/NDF : 23.3/34

asym_atr_dd_rms vs Slug



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

Left Out: 4584.208 ± 0.923 χ^2/NDF : 535361.5/16

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

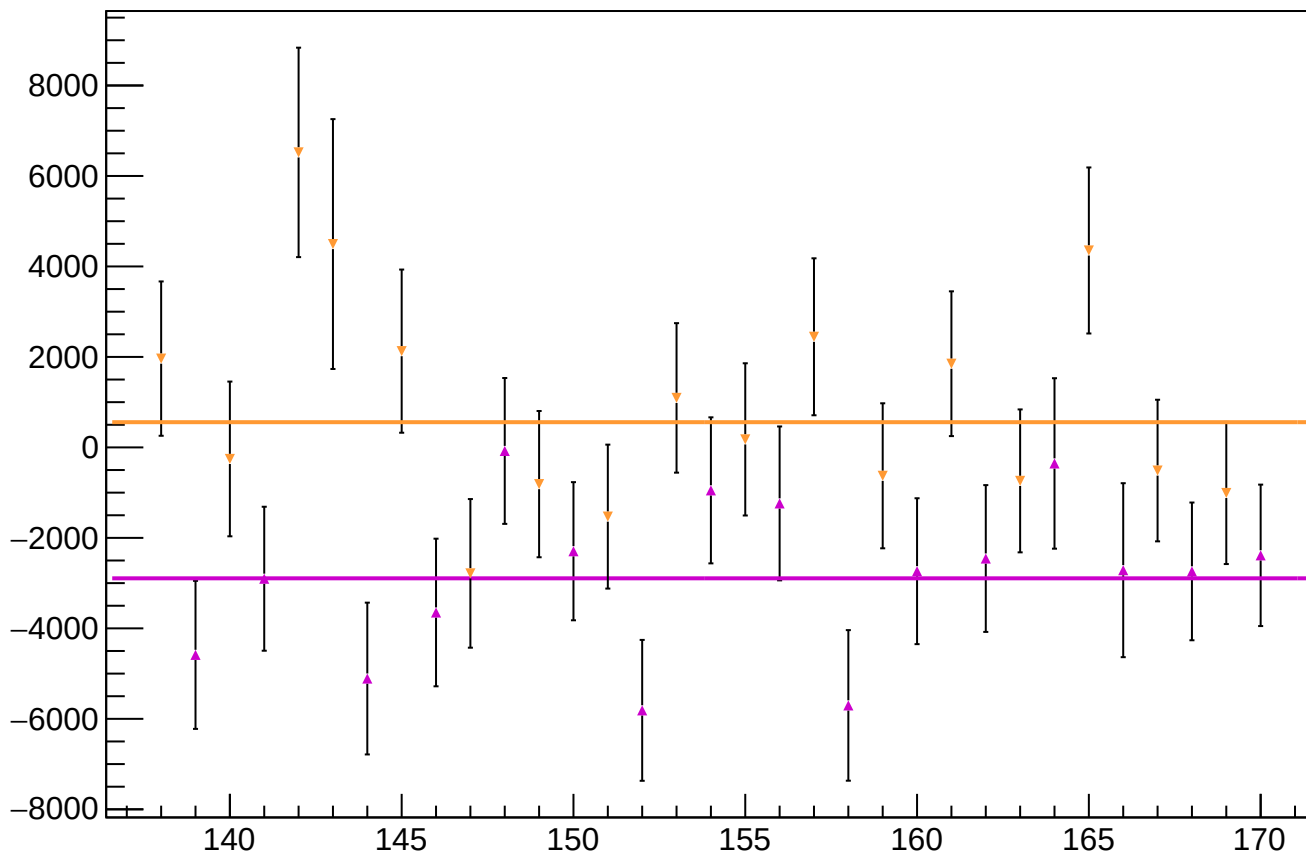
Left In: 4638.721 ± 0.940 χ^2/NDF : 735979.9/15

+ sign 4561.586 ± 0.747 χ^2/NDF : 1307328.9/33

All: 4533.910 ± 0.525 χ^2/NDF : 2868774.9/68

- sign 4506.932 ± 0.737 χ^2/NDF : 1558733.4/34

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 557.478+/-415.157 χ^2/NDF :25.9/16

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

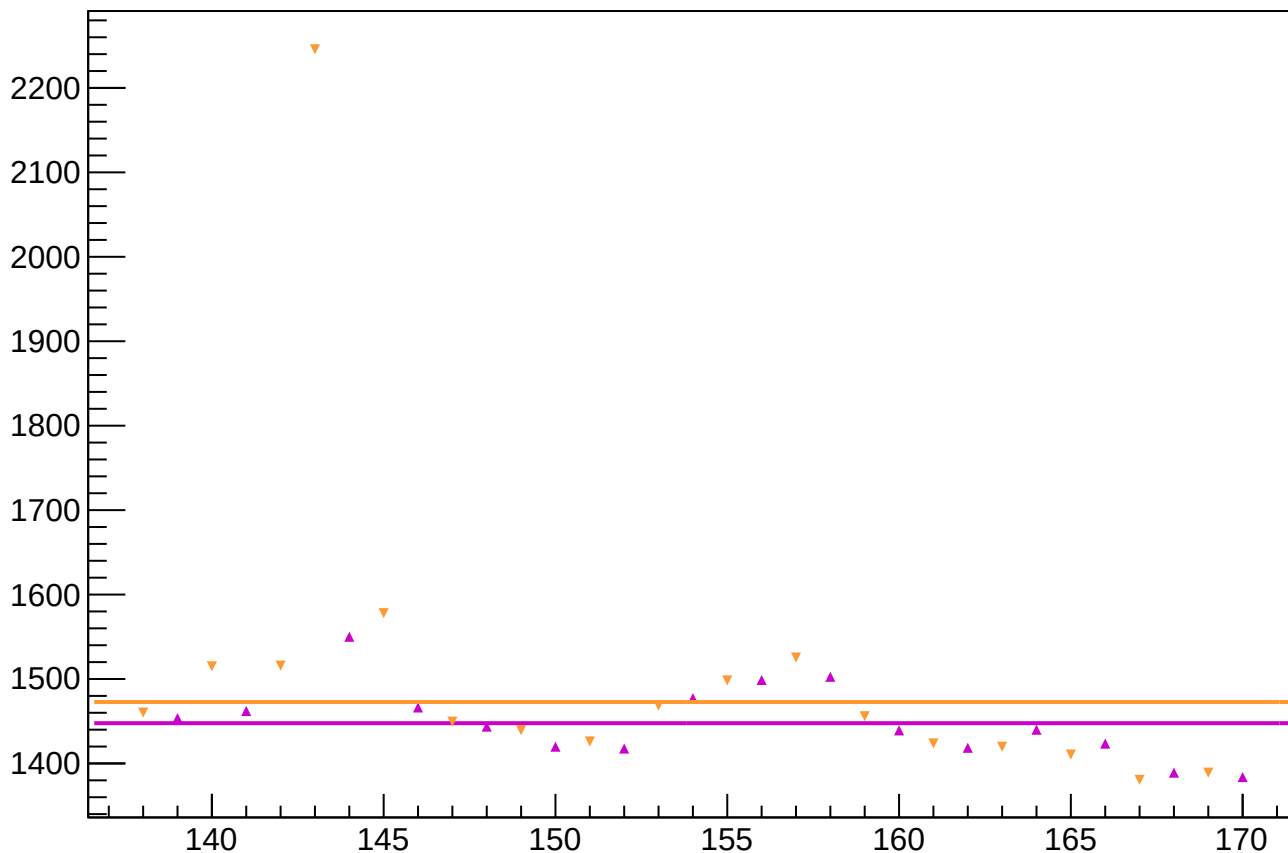
Left In: -2893.932+/-409.155 χ^2/NDF :17.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1193.358+/-291.415 χ^2/NDF : 77.9/32

- 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: 1472.750+/-0.294 χ^2 /NDF:190076.3/16

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

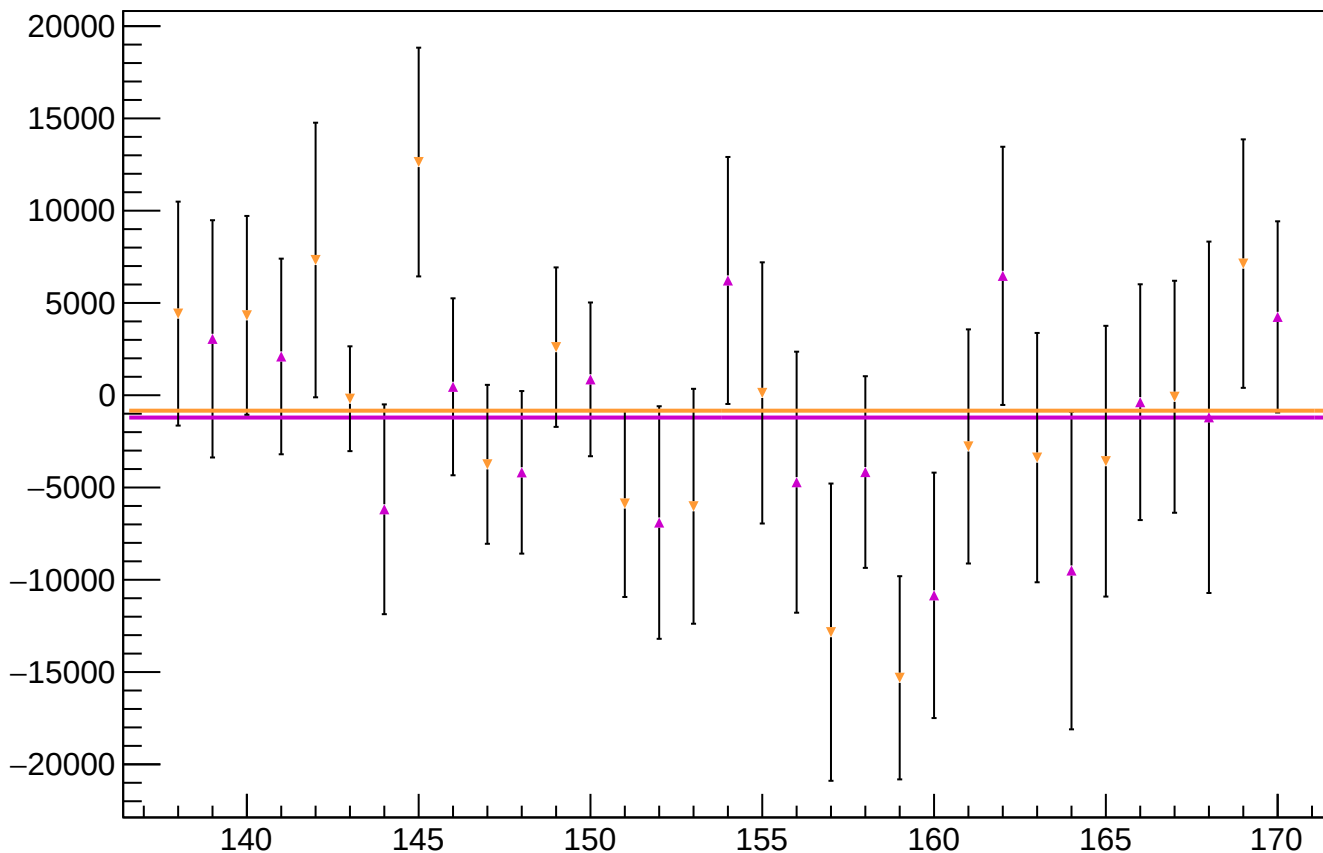
Left In: 1447.682+/-0.289 χ^2 /NDF:21329.7/15

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1460.034+/-0.206 χ^2 /NDF: 215105.1/32

- 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: -836.905+/-1310.785 χ^2/NDF :21.3/16

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

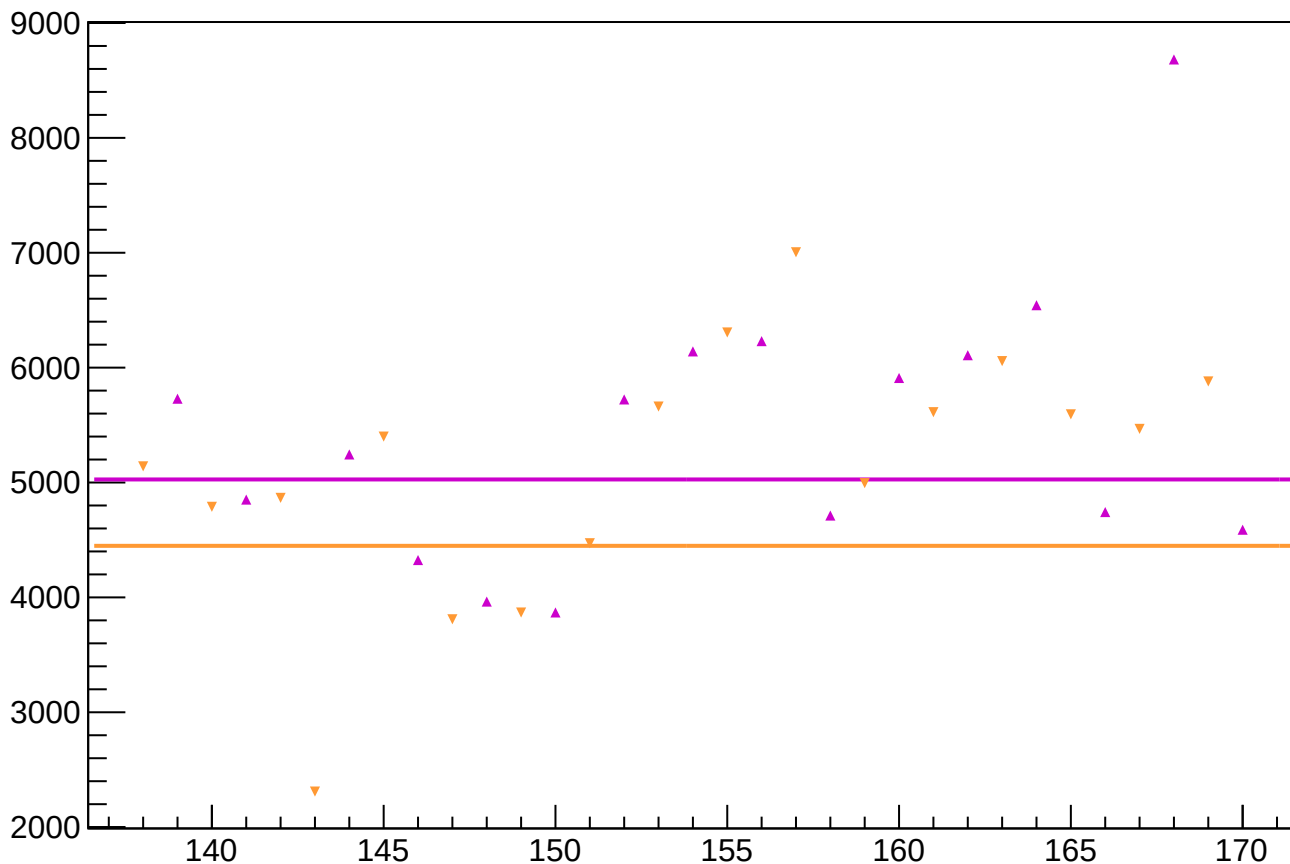
Left In: -1209.385+/-1447.327 χ^2/NDF :10.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1004.751+/-971.560 χ^2/NDF : 31.8/32

- 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: 4448.839+/-0.927 χ^2/NDF :2105860.2/16

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

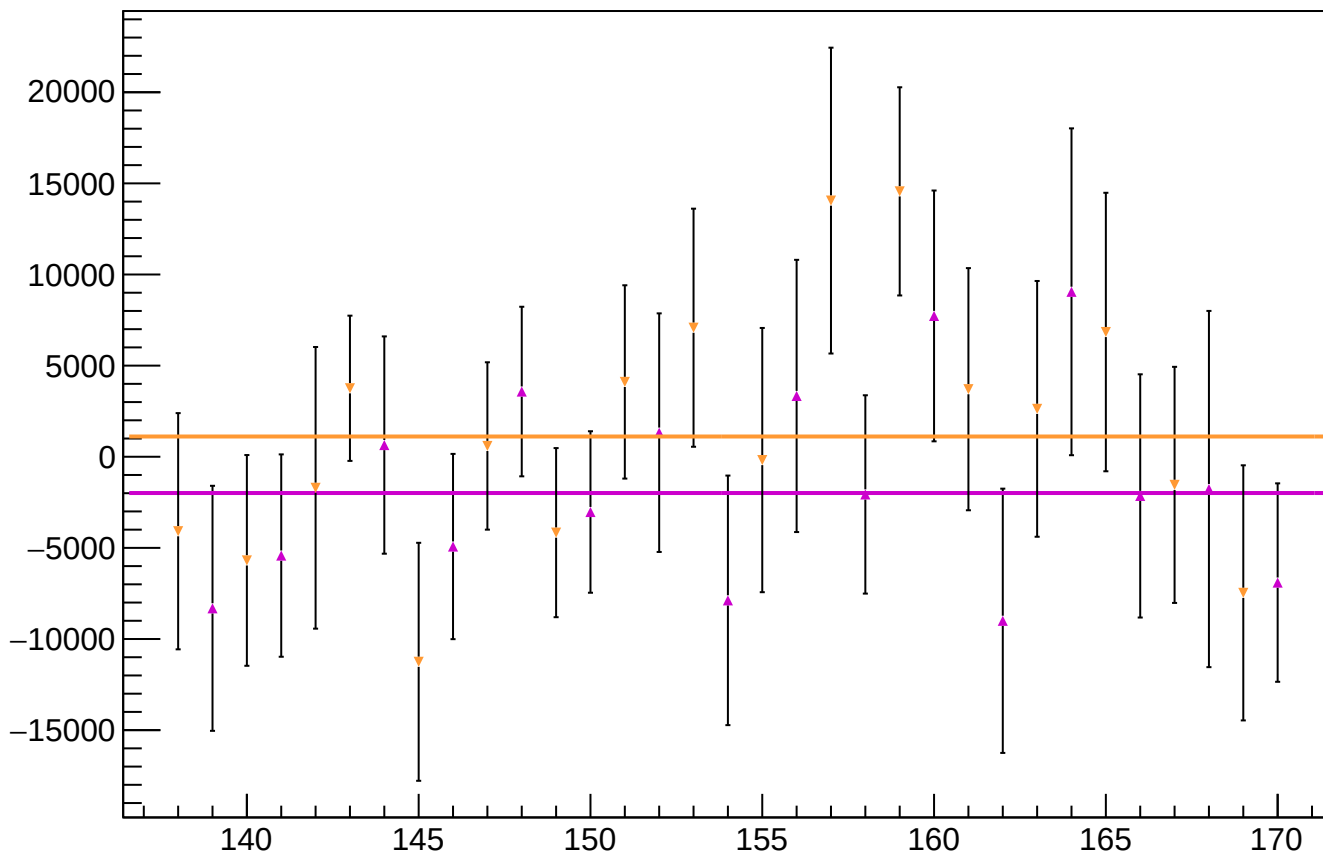
Left In: 5026.581+/-1.023 χ^2/NDF :946419.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4709.179+/-0.687 χ^2/NDF : 3227361.1/32

- 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: 1111.115+/-1446.342 χ^2/NDF :19.0/16

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

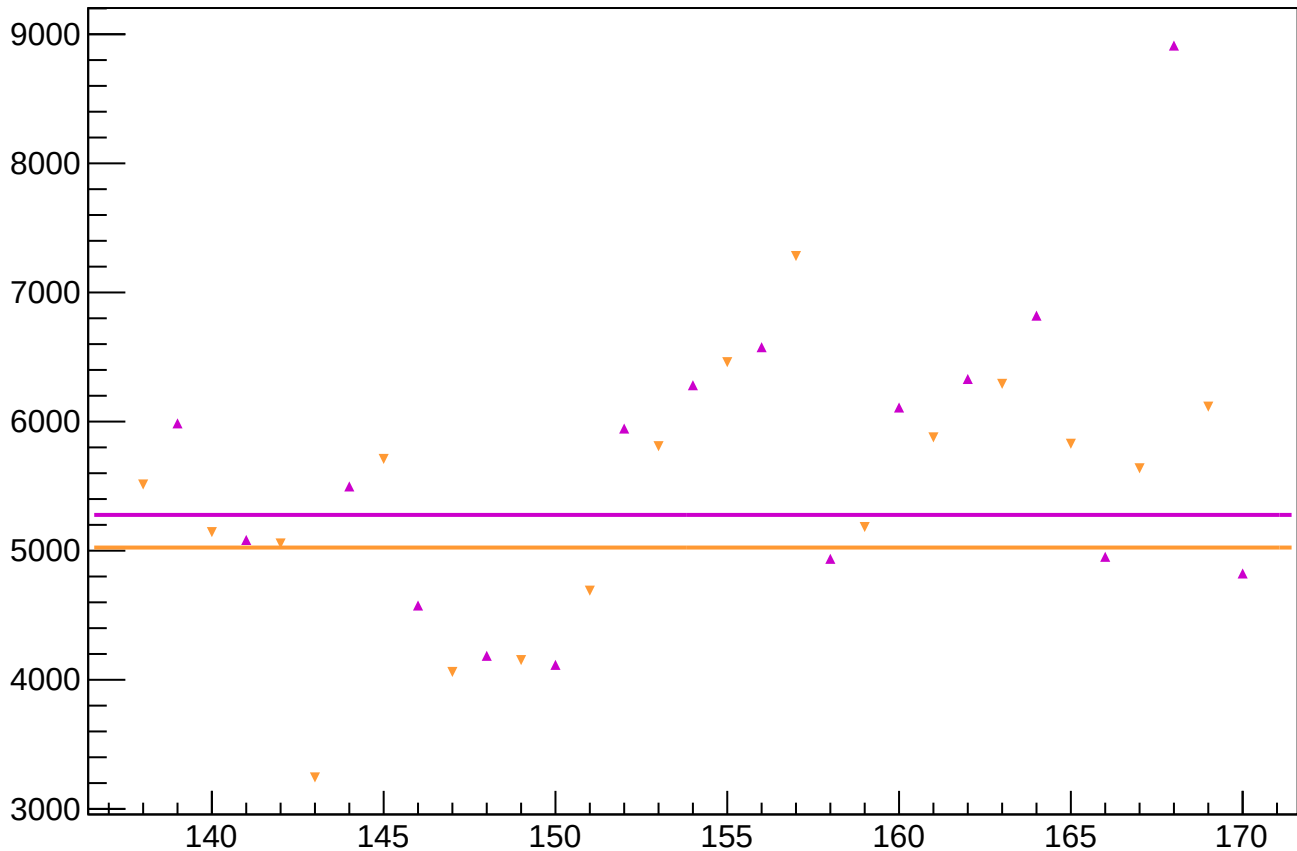
Left In: -1989.997+/-1517.585 χ^2/NDF :10.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.944+/-1046.999 χ^2/NDF : 31.3/32

- 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: 5024.315+/-1.023 χ^2/NDF : 1041044.3/16

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

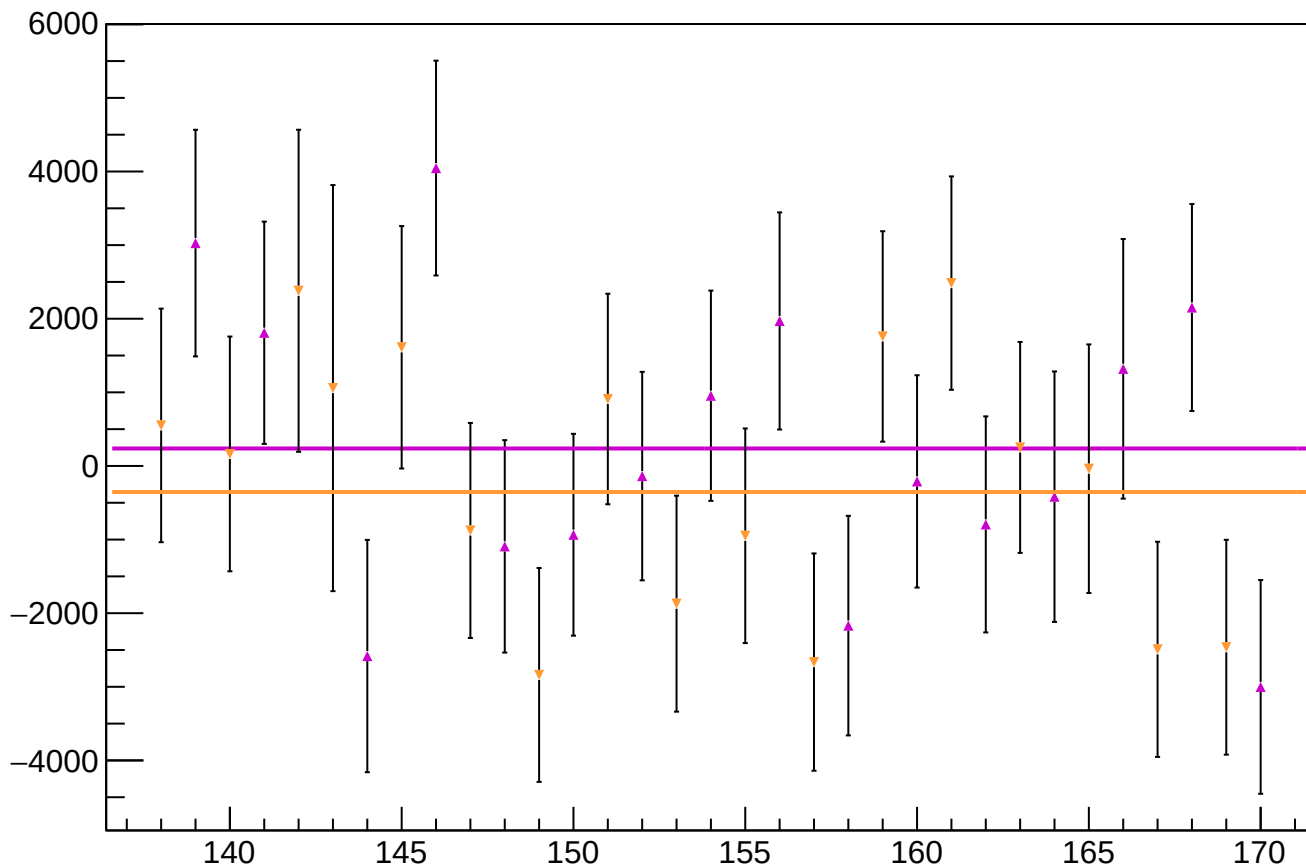
Left In: 5277.121+/-1.073 χ^2/NDF : 871284.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5144.645+/-0.740 χ^2/NDF : 1941412.3/32

- 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: -354.419+/-376.174 χ^2/NDF : 21.7/16

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

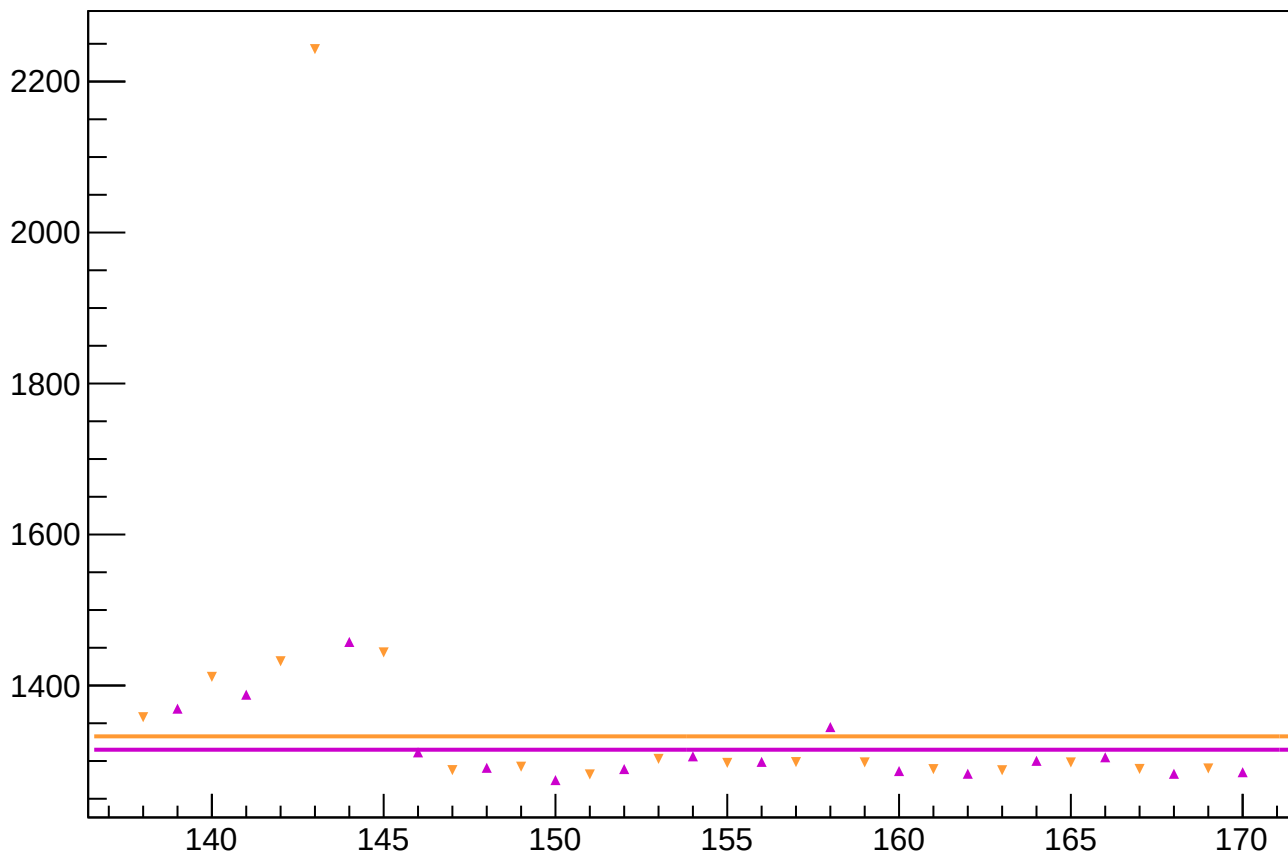
Left In: 237.434+/-371.755 χ^2/NDF : 28.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.996+/-264.419 χ^2/NDF : 51.1/32

- 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: 1332.655+/-0.266 χ^2/NDF :254625.1/16

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

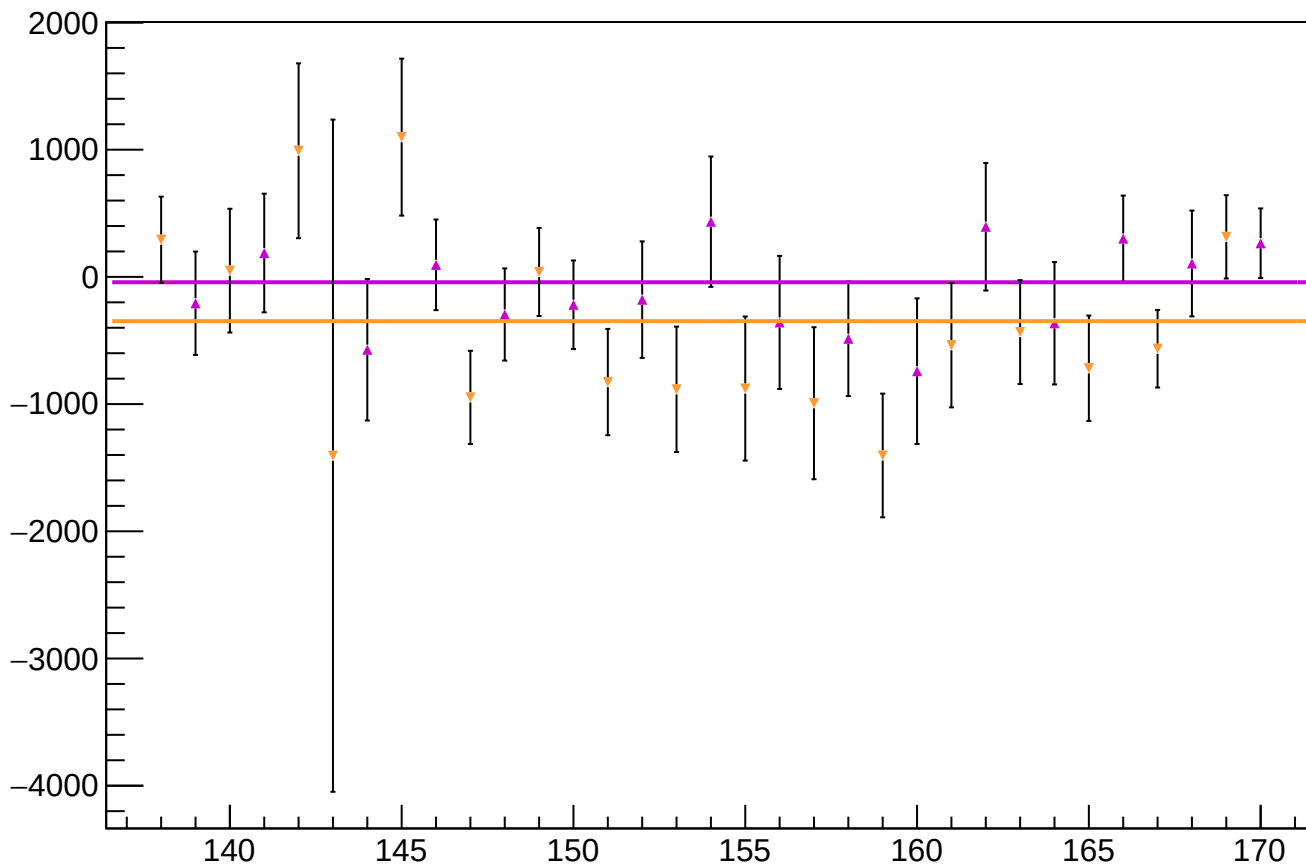
Left In: 1314.948+/-0.263 χ^2/NDF :31373.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.697+/-0.187 χ^2/NDF : 288240.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -347.704 $\pm$ 105.583 χ^2 /NDF:32.5/16

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

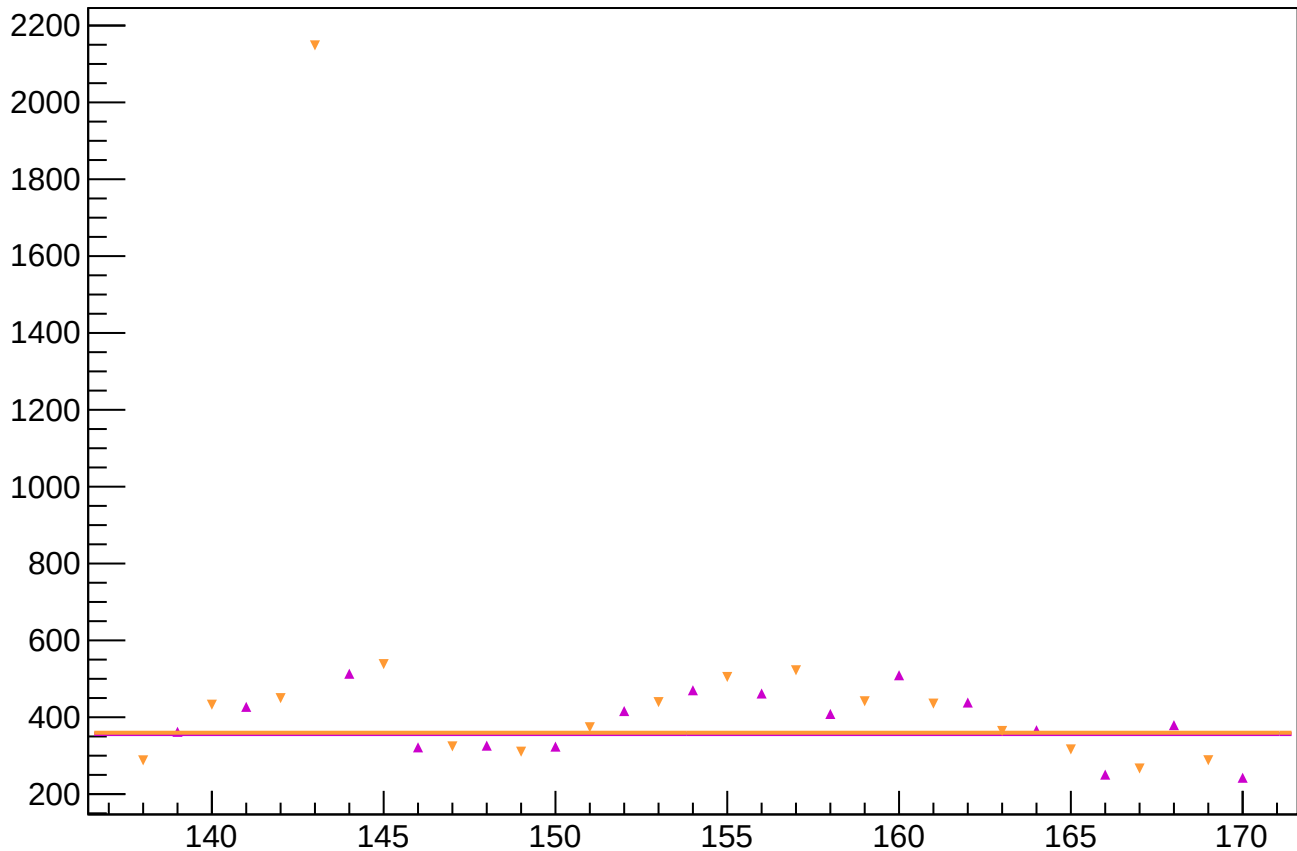
Left In: -42.179 $\pm$ 103.140 χ^2 /NDF:9.6/15

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

All: -191.365 $\pm$ 73.780 χ^2 /NDF: 46.4/32

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

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 359.739+/-0.075 χ^2/NDF : 2055328.5/16

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

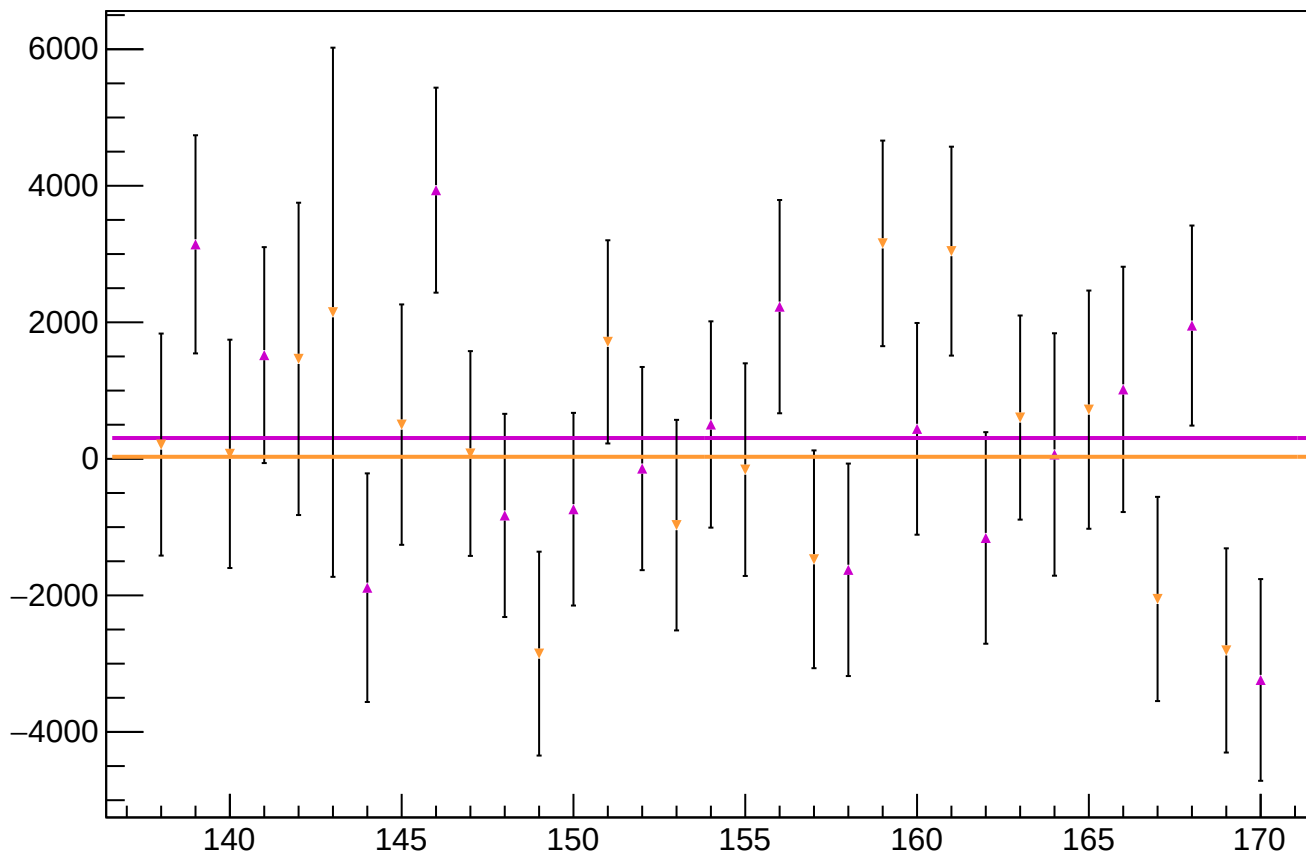
Left In: 356.198+/-0.073 χ^2/NDF : 1241014.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.927+/-0.052 χ^2/NDF : 3297494.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 30.221 $\pm$ 394.531 χ^2 /NDF:21.1/16

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

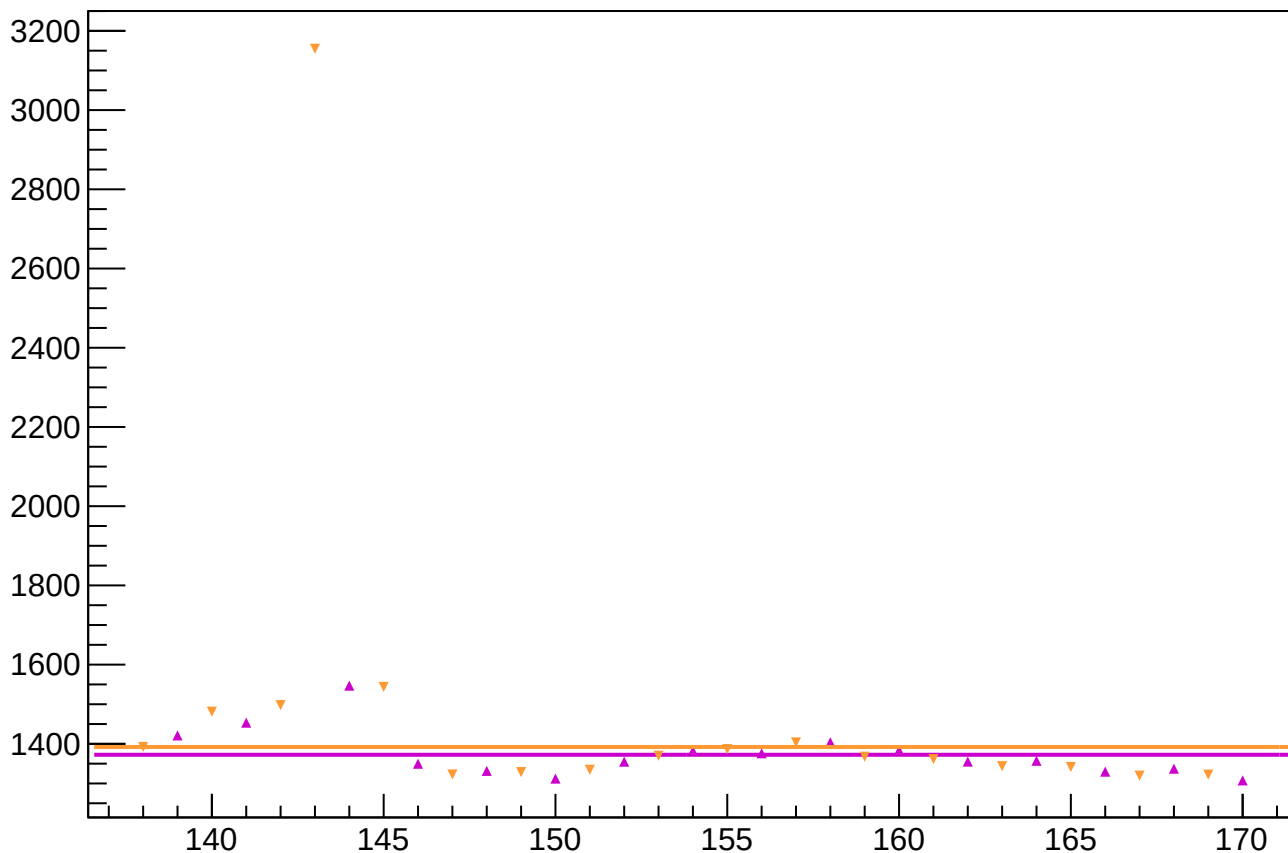
Left In: 305.208 $\pm$ 388.046 χ^2 /NDF:23.7/15

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

All: 169.993 $\pm$ 276.654 χ^2 /NDF: 45.1/32

- sign 0.000 $\pm$ 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: 1392.138+/-0.279 χ^2/NDF : 464084.7/16

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

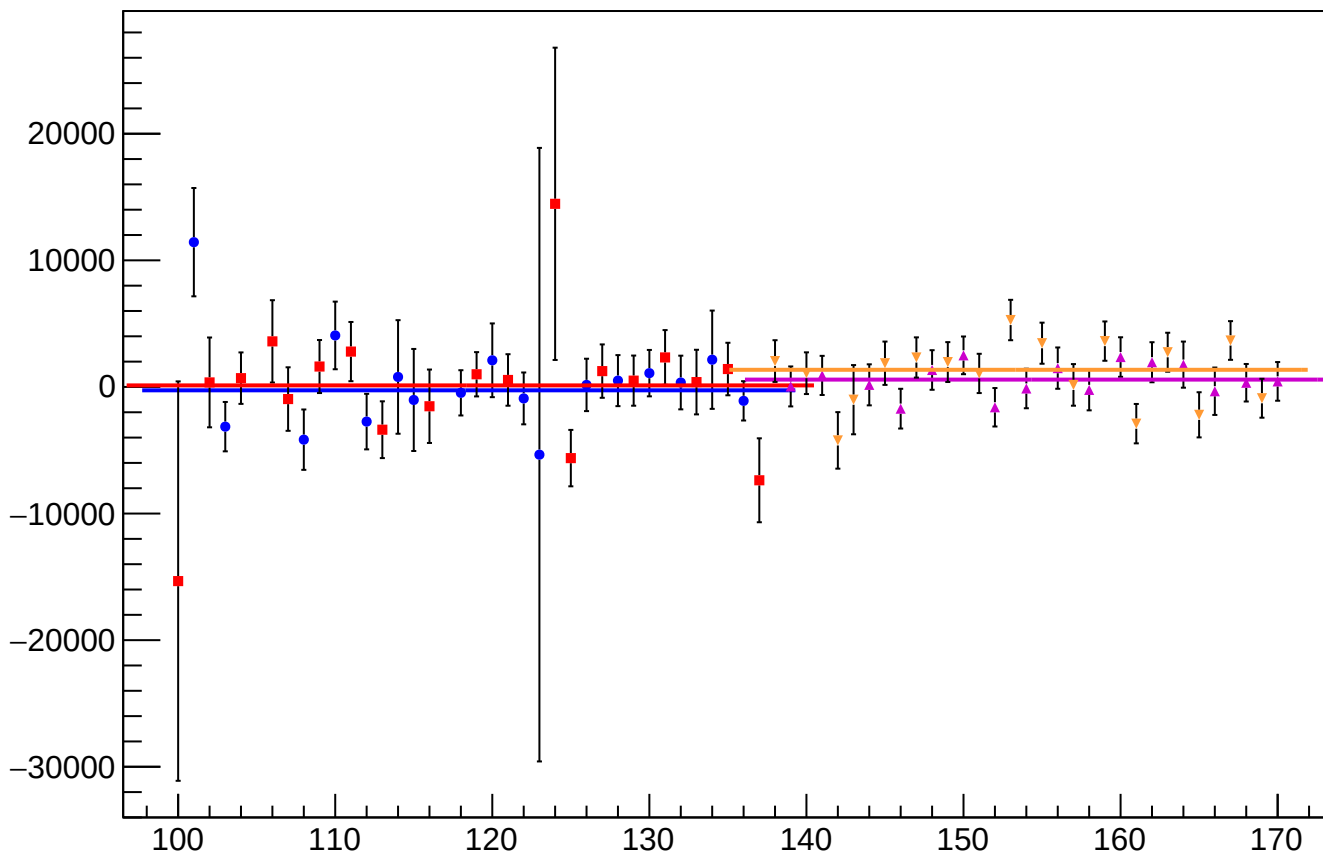
Left In: 1372.443+/-0.274 χ^2/NDF : 42233.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1382.127+/-0.196 χ^2/NDF : 508851.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -266.664 ± 567.455 χ^2/NDF : 18.6/16

Left Out: 1354.545 ± 402.008 χ^2/NDF : 34.9/16

Right Out: 122.072 ± 554.216 χ^2/NDF : 22.1/18

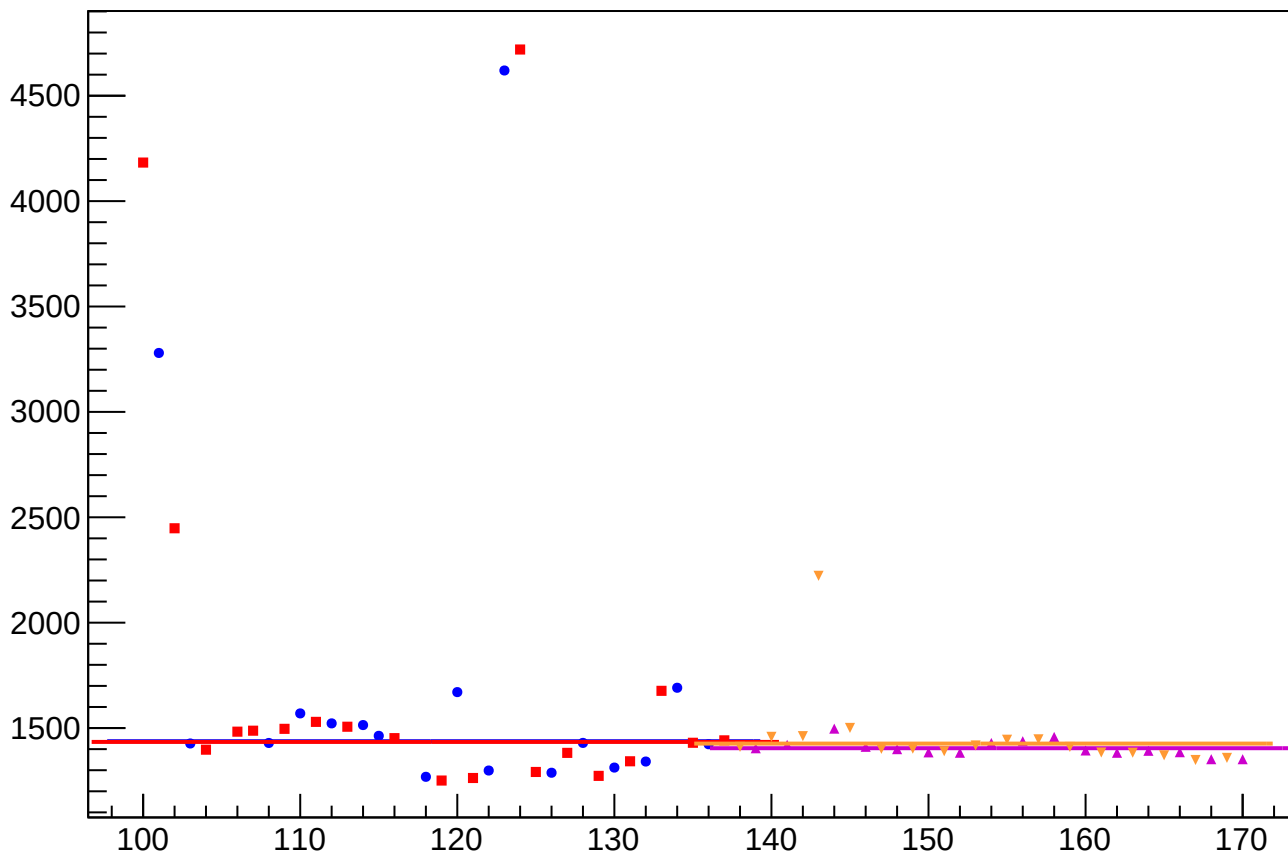
Left In: 580.290 ± 396.840 χ^2/NDF : 9.8/15

+ sign 812.784 ± 328.032 χ^2/NDF : 59.0/33

All: 615.679 ± 230.029 χ^2/NDF : 92.1/68

- sign 424.984 ± 322.654 χ^2/NDF : 32.4/34

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1437.576 $\pm$ 0.401 χ^2 /NDF: 486465.9/16

Left Out: 1426.278 $\pm$ 0.284 χ^2 /NDF: 191805.6/16

Right Out: 1434.272 $\pm$ 0.392 χ^2 /NDF: 455611.8/18

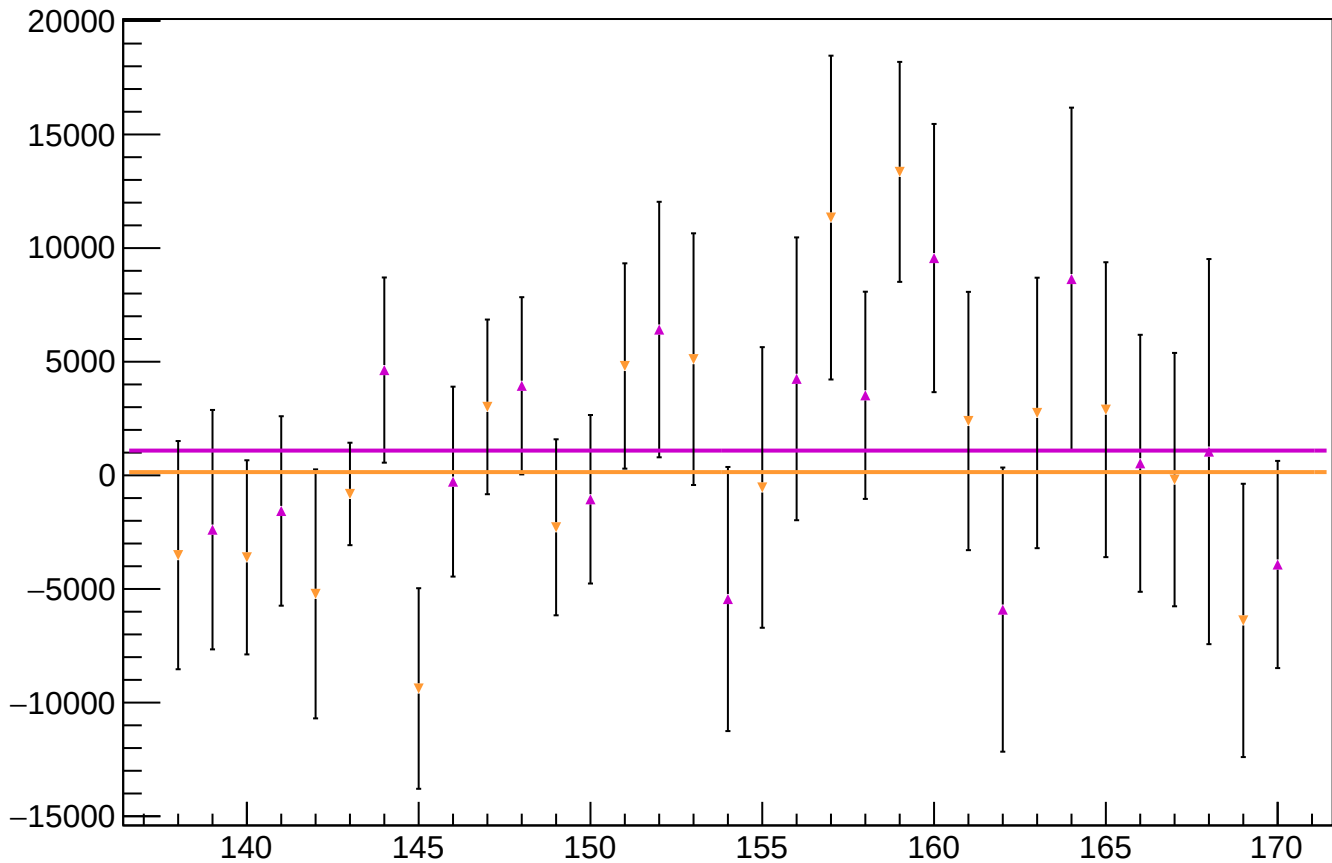
Left In: 1404.391 $\pm$ 0.281 χ^2 /NDF: 16677.0/15

+ sign 1430.054 $\pm$ 0.232 χ^2 /NDF: 678799.3/33

All: 1422.161 $\pm$ 0.163 χ^2 /NDF: 1157212.4/68

- sign 1414.527 $\pm$ 0.228 χ^2 /NDF: 476135.2/34

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: 143.141+/-1102.061 χ^2/NDF :21.6/16

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

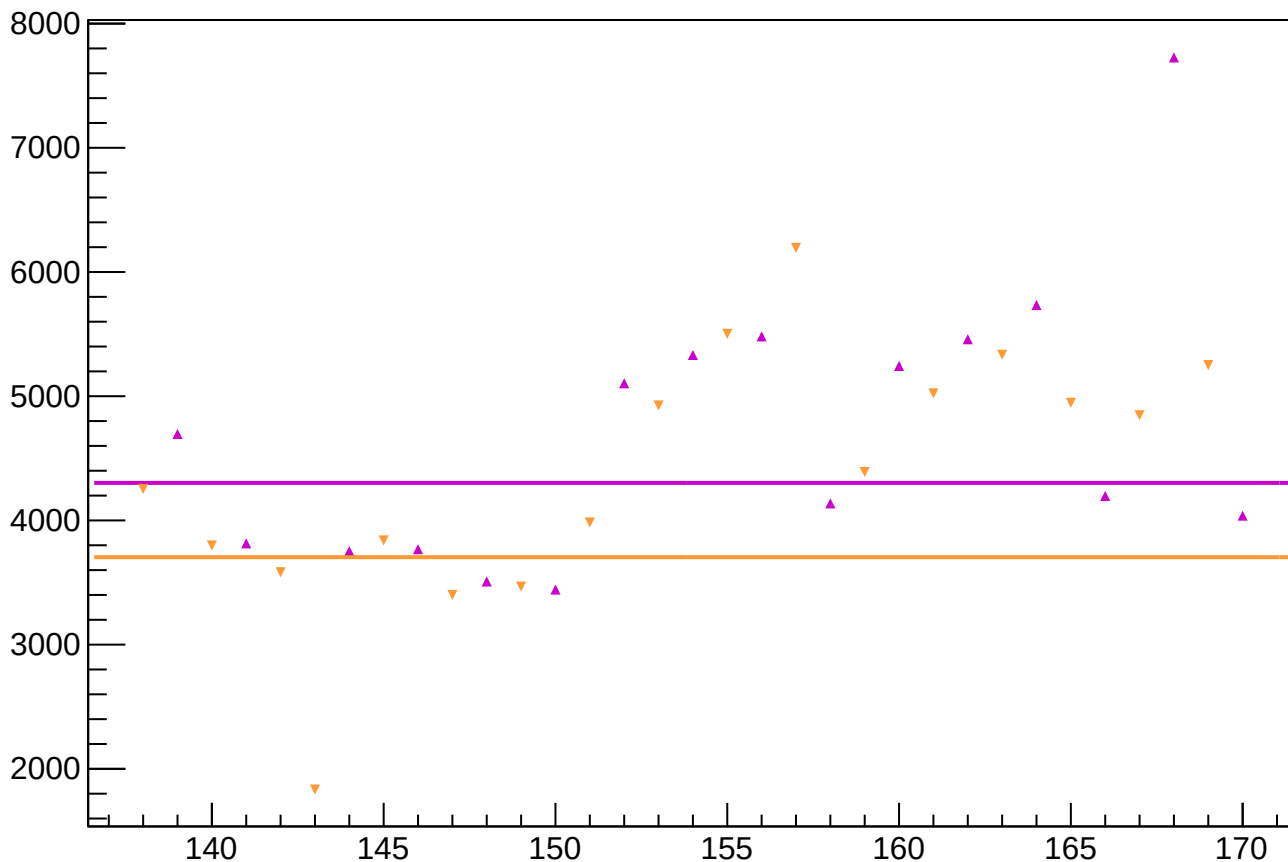
Left In: 1089.584+/-1240.345 χ^2/NDF :10.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.683+/-823.845 χ^2/NDF : 32.7/32

- 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: 3704.216+/-0.779 χ^2/NDF :2532765.7/16

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

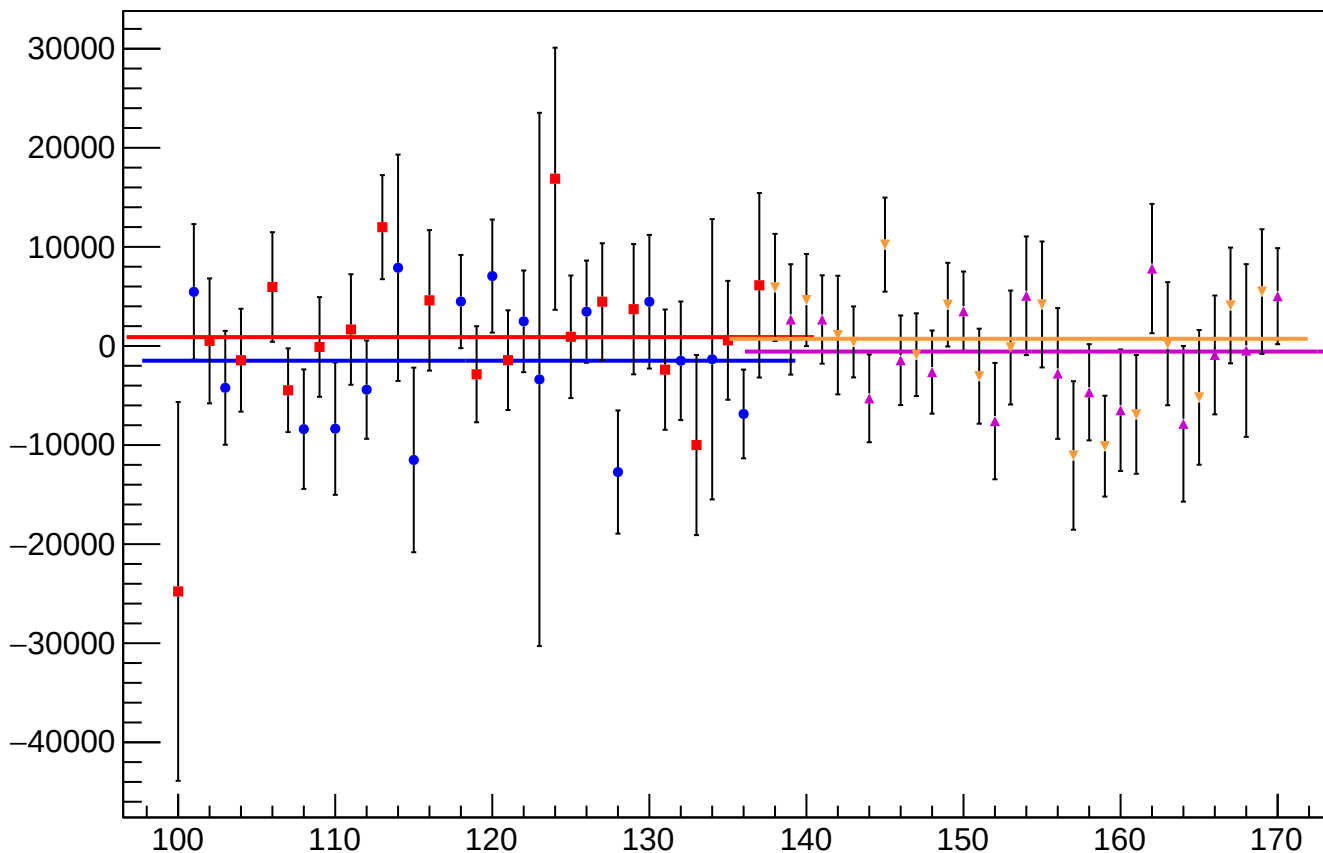
Left In: 4302.114+/-0.877 χ^2/NDF :1001100.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3967.991+/-0.583 χ^2/NDF : 3793570.6/32

- 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: 725.122 ± 1261.001 χ^2/NDF : 17.7/16

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

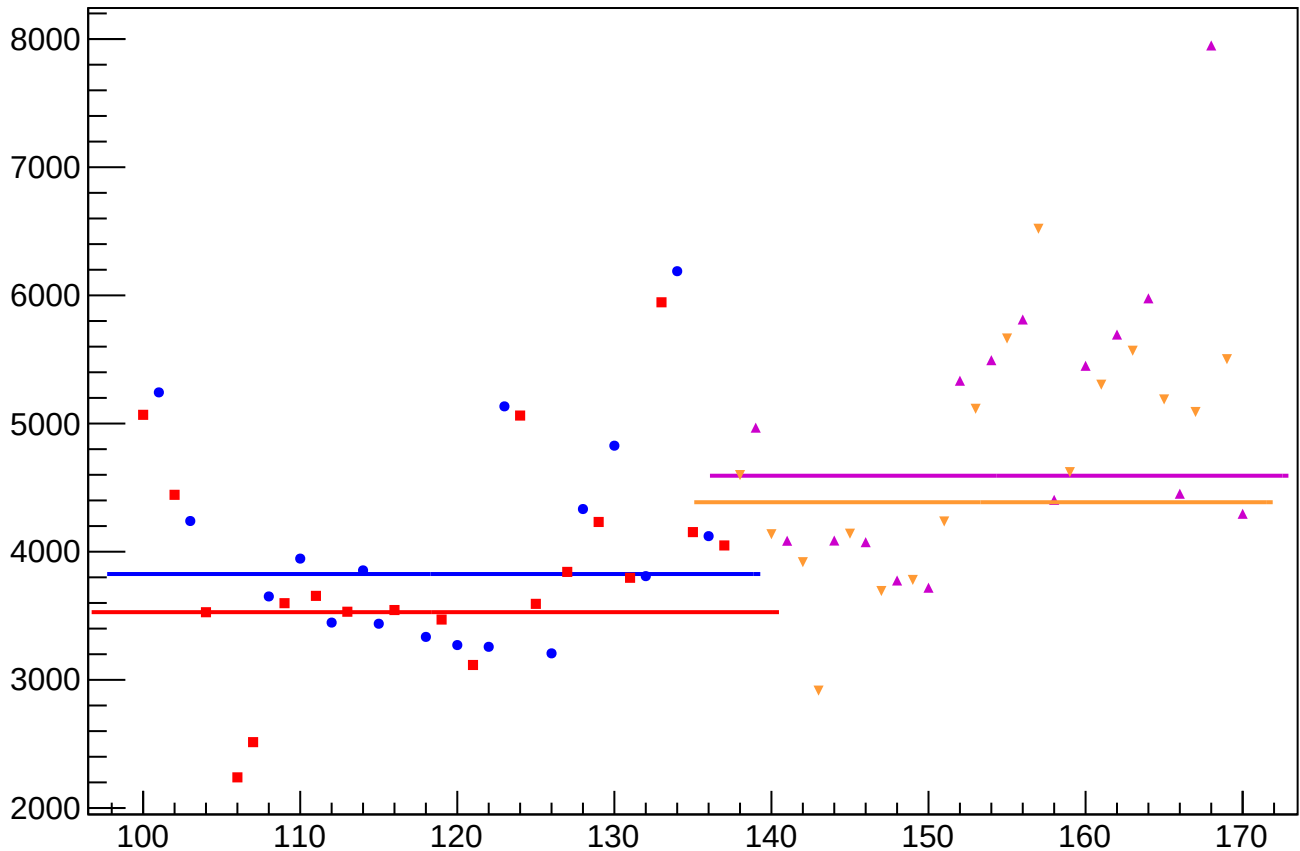
Left In: -563.725 ± 1320.413 χ^2/NDF : 11.2/15

+ sign -191.525 ± 965.002 χ^2/NDF : 35.6/33

All: -27.025 ± 678.322 χ^2/NDF : 61.6/68

- sign 133.638 ± 953.683 χ^2/NDF : 25.9/34

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4386.057+/-0.892 χ^2/NDF : 979778.5/16

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

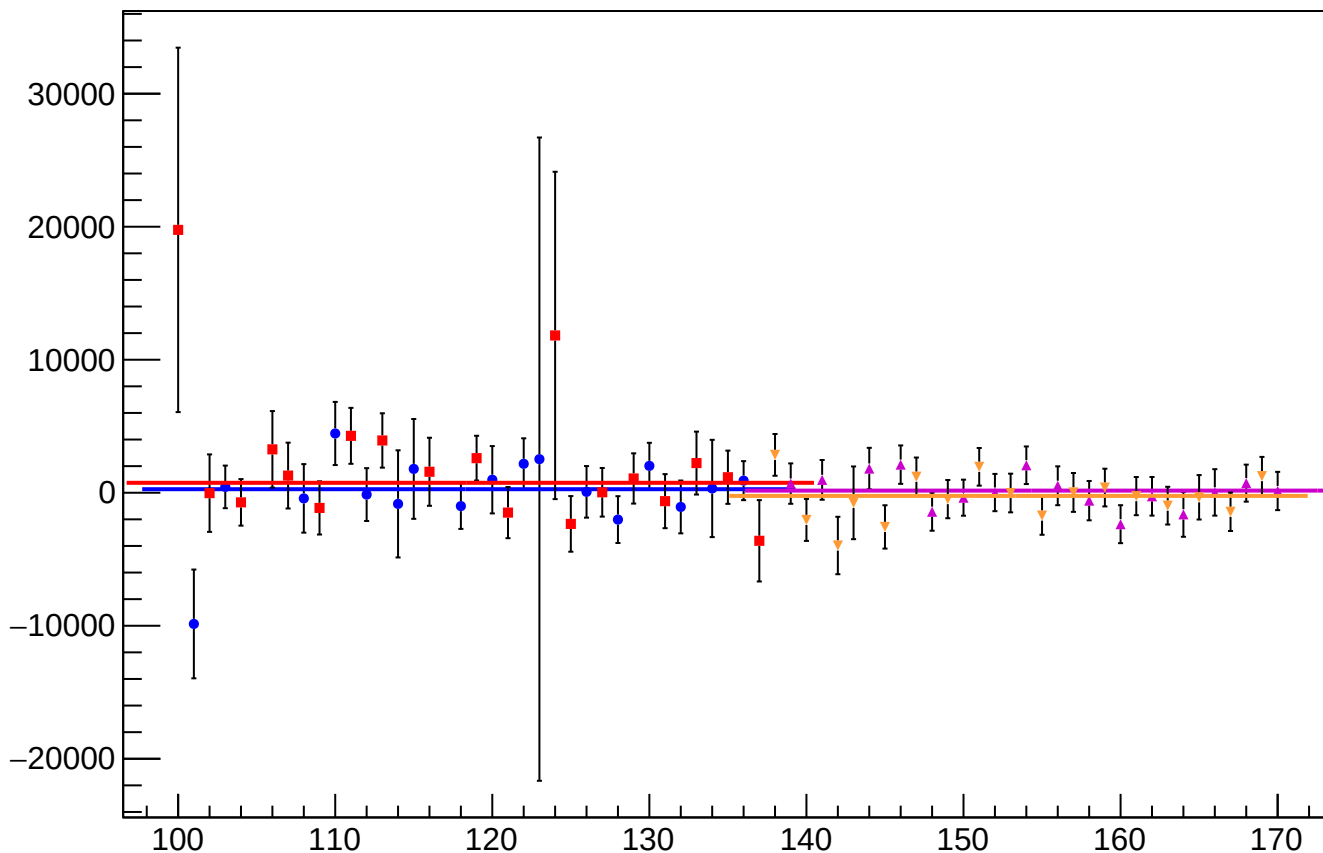
Left In: 4592.847+/-0.934 χ^2/NDF : 870474.1/15

+ sign 4153.916+/-0.682 χ^2/NDF : 1477753.1/33

All: 4115.737+/-0.479 χ^2/NDF : 3537577.6/68

- sign 4078.774+/-0.671 χ^2/NDF : 2053663.0/34

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 265.987 $\pm$ 523.529 χ^2 /NDF: 14.6/16

Left Out: -236.775 $\pm$ 372.302 χ^2 /NDF:17.0/16

Right Out: 747.421 $\pm$ 511.778 χ^2 /NDF: 18.4/18

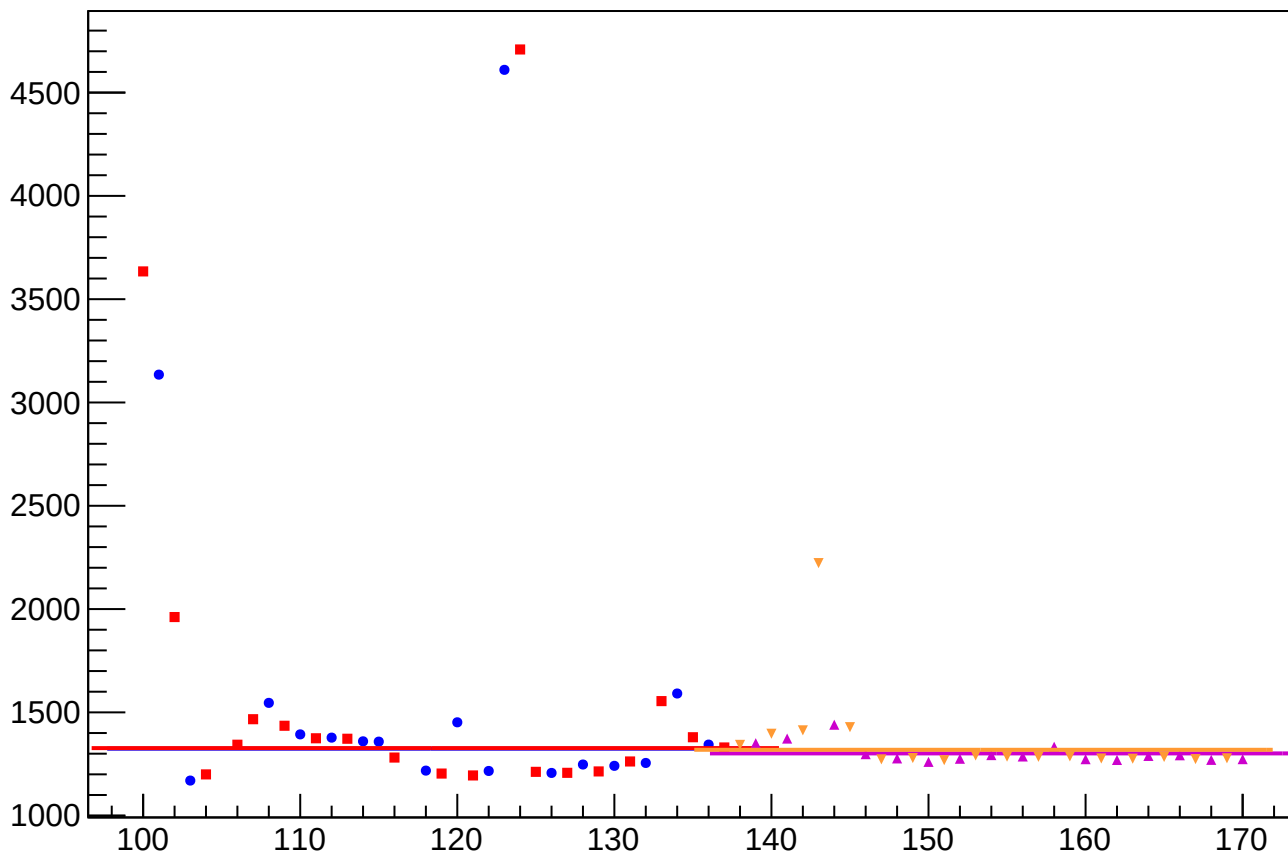
Left In: 161.329 $\pm$ 367.918 χ^2 /NDF:11.4/15

+ sign -67.915 $\pm$ 303.406 χ^2 /NDF: 32.2/33

All: 149.884 $\pm$ 212.869 χ^2 /NDF: 63.9/68

- sign 361.026 $\pm$ 298.734 χ^2 /NDF: 30.7/34

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1324.281+/-0.370 χ^2/NDF : 514089.5/16

Left Out: 1318.860+/-0.263 χ^2/NDF : 254736.7/16

Right Out: 1326.975+/-0.362 χ^2/NDF : 392077.2/18

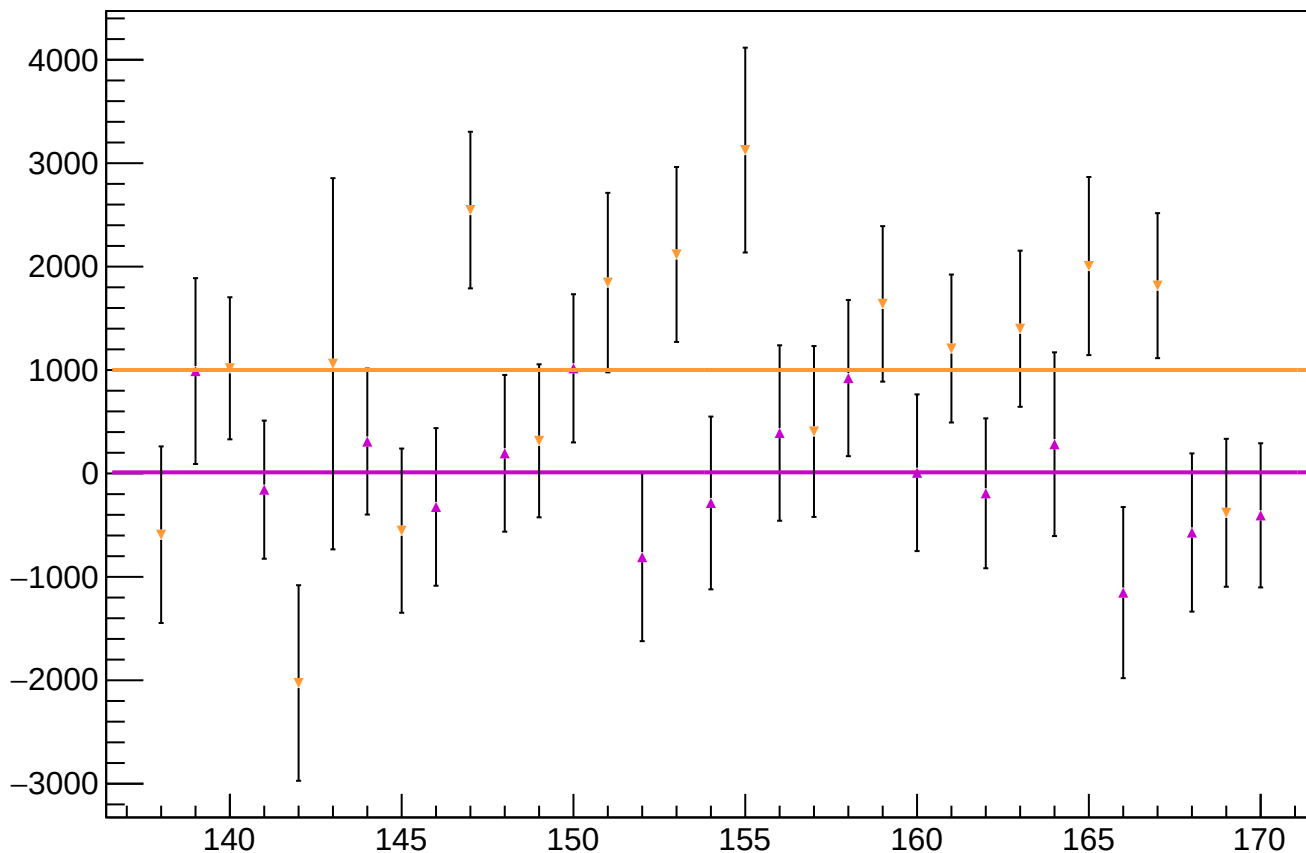
Left In: 1301.365+/-0.260 χ^2/NDF : 30557.5/15

+ sign 1320.681+/-0.215 χ^2/NDF : 768968.6/33

All: 1315.304+/-0.151 χ^2/NDF : 1196142.2/68

- sign 1310.091+/-0.211 χ^2/NDF : 425936.4/34

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 1000.392 $\pm$ 195.721 χ^2/NDF :37.9/16

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

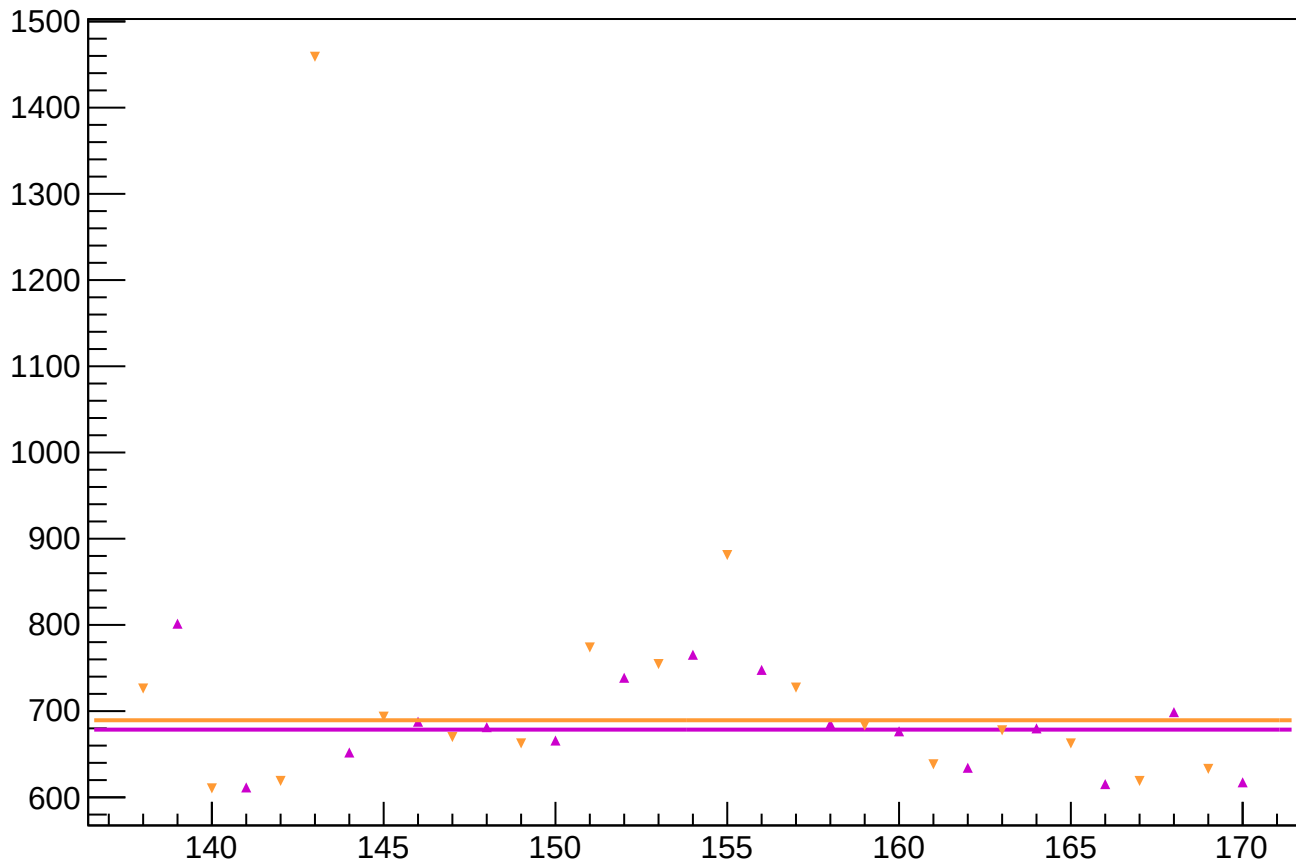
Left In: 10.817 $\pm$ 191.982 χ^2/NDF :9.5/15

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

All: 496.062 $\pm$ 137.054 χ^2/NDF : 60.5/32

- sign 0.000 $\pm$ 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: 689.405+/-0.138 χ^2/NDF : 568396.8/16

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

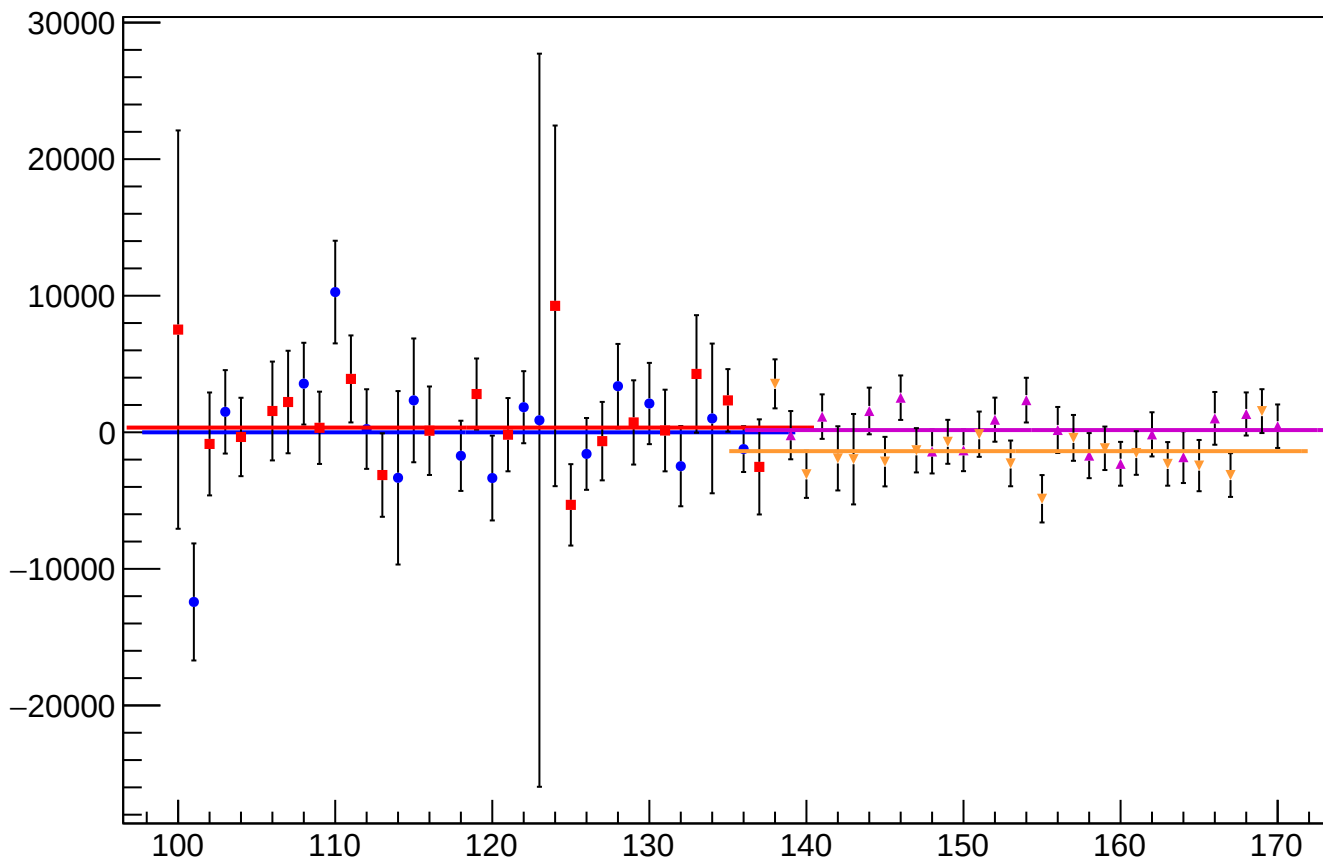
Left In: 678.531+/-0.136 χ^2/NDF : 143336.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 683.863+/-0.097 χ^2/NDF : 714879.9/32

- 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: -1380.570 ± 421.157 χ^2/NDF : 19.4/16

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

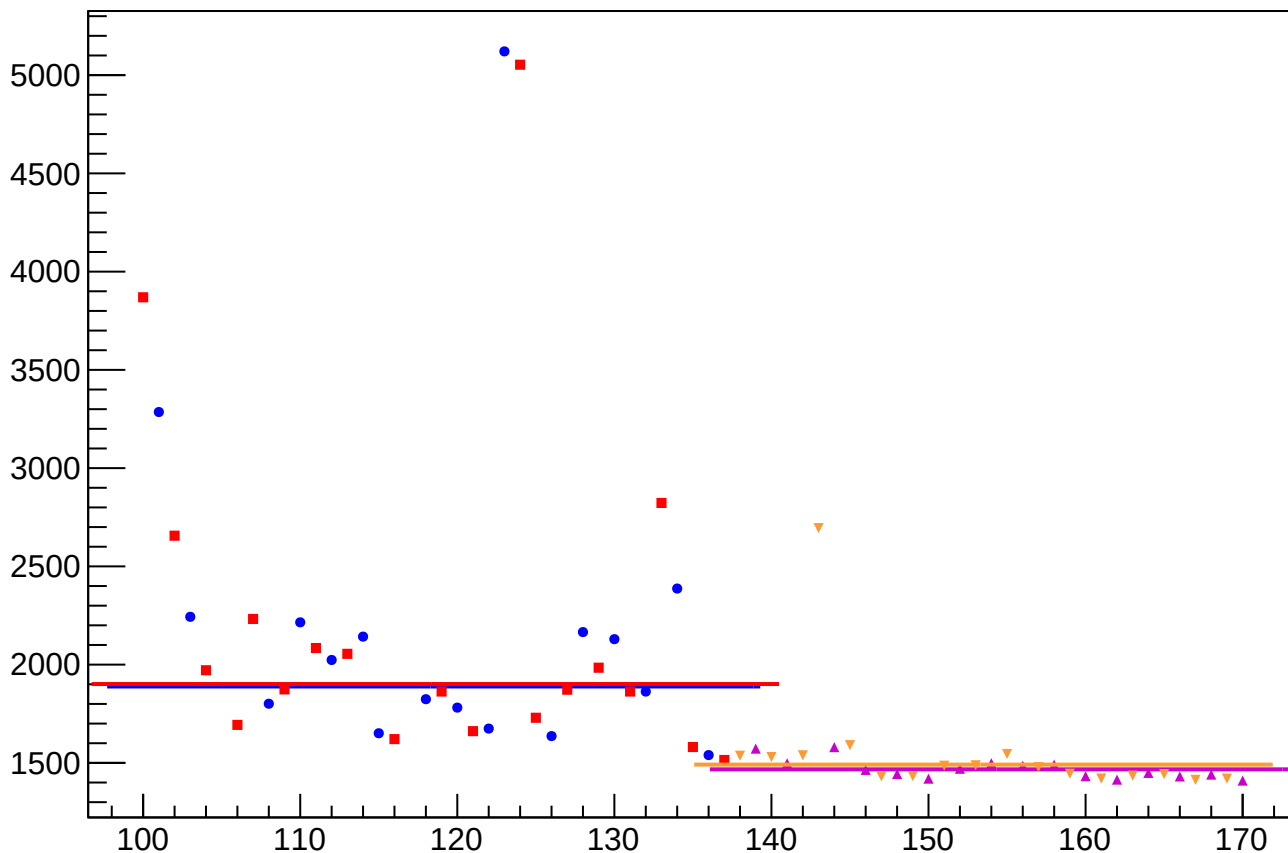
Left In: 162.068 ± 414.588 χ^2/NDF : 12.7/15

+ sign -1046.797 ± 366.636 χ^2/NDF : 45.5/33

All: -410.420 ± 257.217 χ^2/NDF : 74.8/68

- sign 206.375 ± 360.951 χ^2/NDF : 23.4/34

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1491.277+/-0.298 χ^2/NDF : 298784.3/16

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

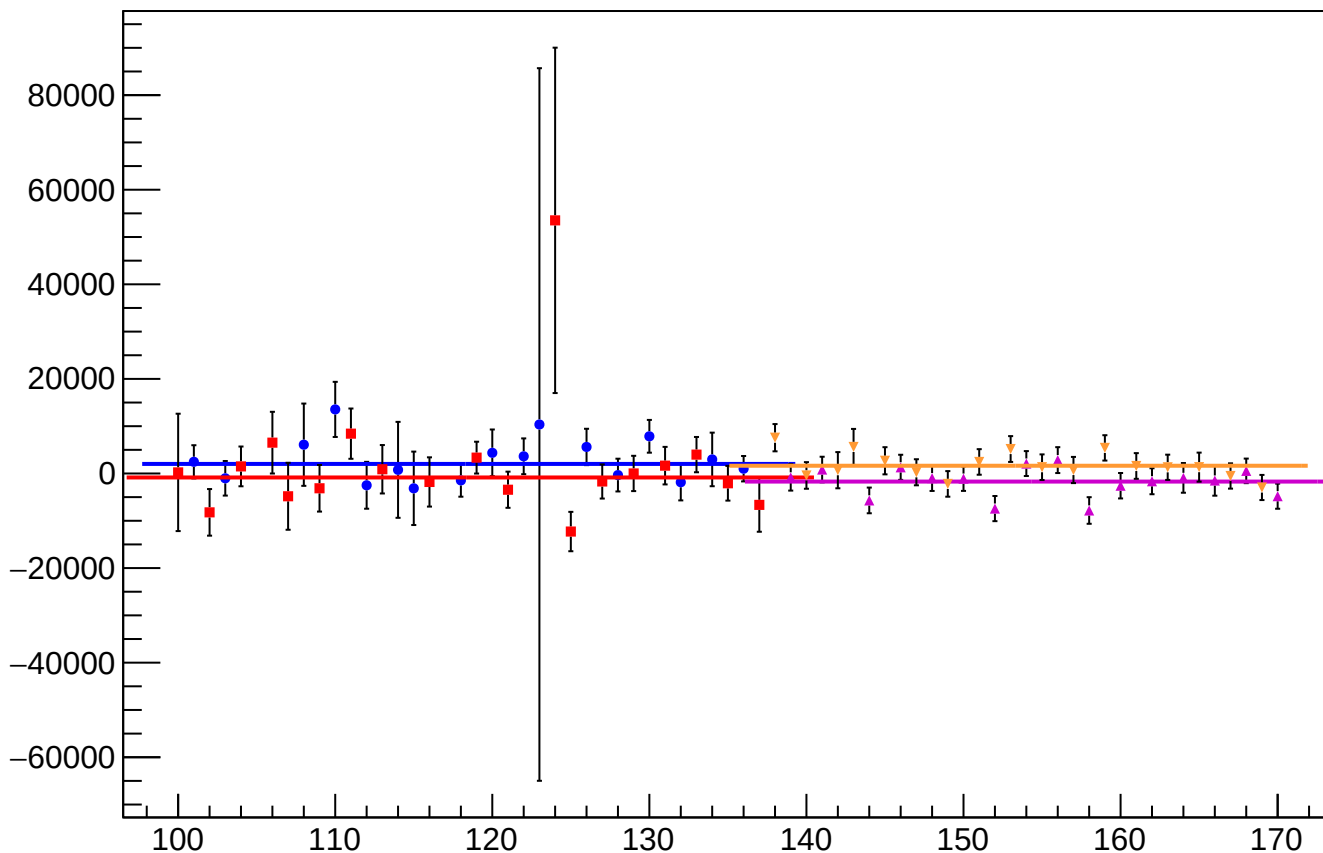
Left In: 1467.138+/-0.293 χ^2/NDF : 27372.3/15

+ sign 1587.541+/-0.259 χ^2/NDF : 1196126.9/33

All: 1579.750+/-0.182 χ^2/NDF : 2217389.4/68

- sign 1572.199+/-0.255 χ^2/NDF : 1019484.1/34

dit_asym_atl1_mean vs Slug



Right In: 2021.418+/-1035.639 χ^2/NDF : 12.9/16

Left Out: 1636.862+/-687.774 χ^2/NDF :15.9/16

Right Out: -842.423+/-1051.980 χ^2/NDF : 22.7/18

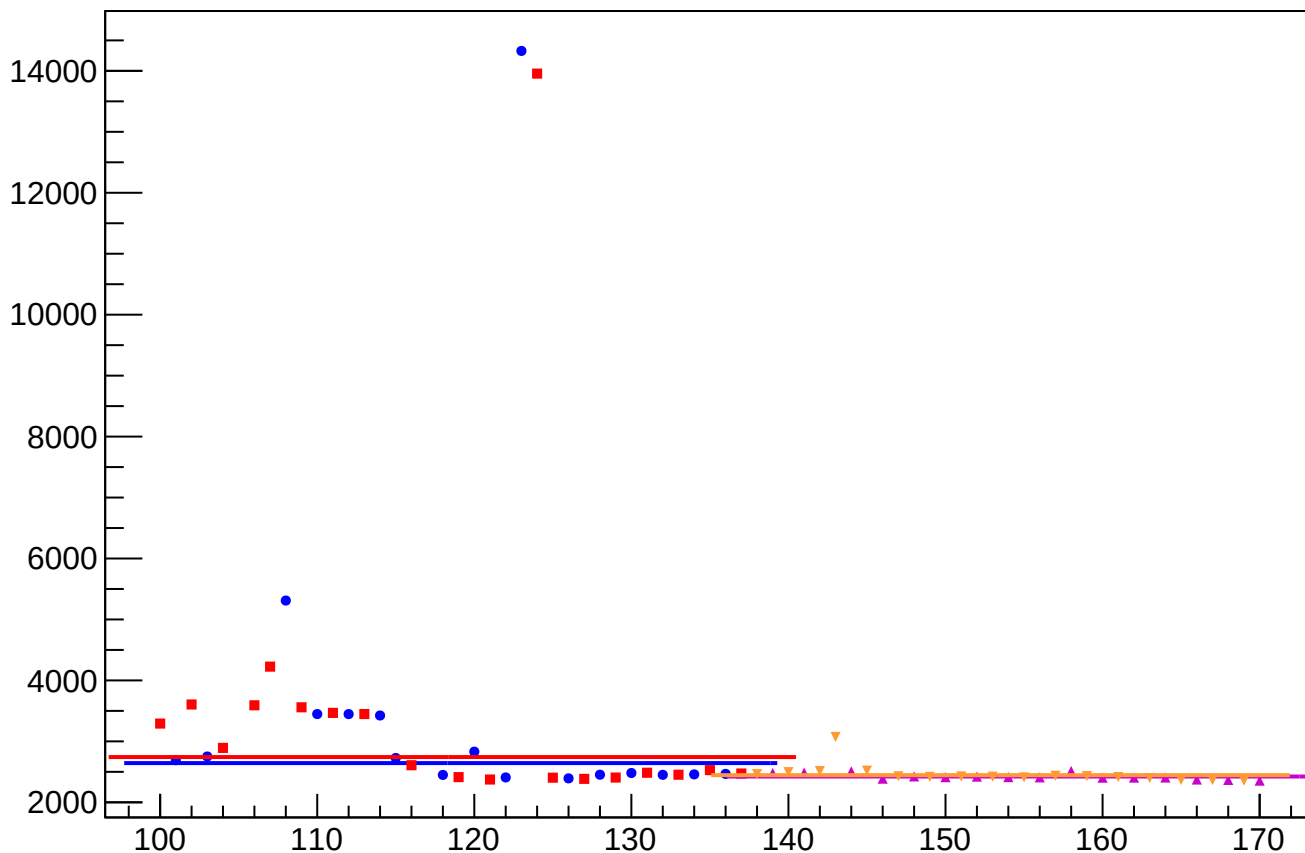
Left In: -1710.362+/-684.842 χ^2/NDF :21.0/15

+ sign 1754.557+/-572.939 χ^2/NDF : 28.9/33

All: 154.066+/-405.482 χ^2/NDF : 88.7/68

- sign -1452.015+/-573.938 χ^2/NDF : 44.1/34

dit_asym_atl1_rms vs Slug



Right In: 2643.525+/-0.732 χ^2/NDF : 392705.3/16

Left Out: 2445.582+/-0.486 χ^2/NDF : 64236.8/16

Right Out: 2742.543+/-0.744 χ^2/NDF : 628009.1/18

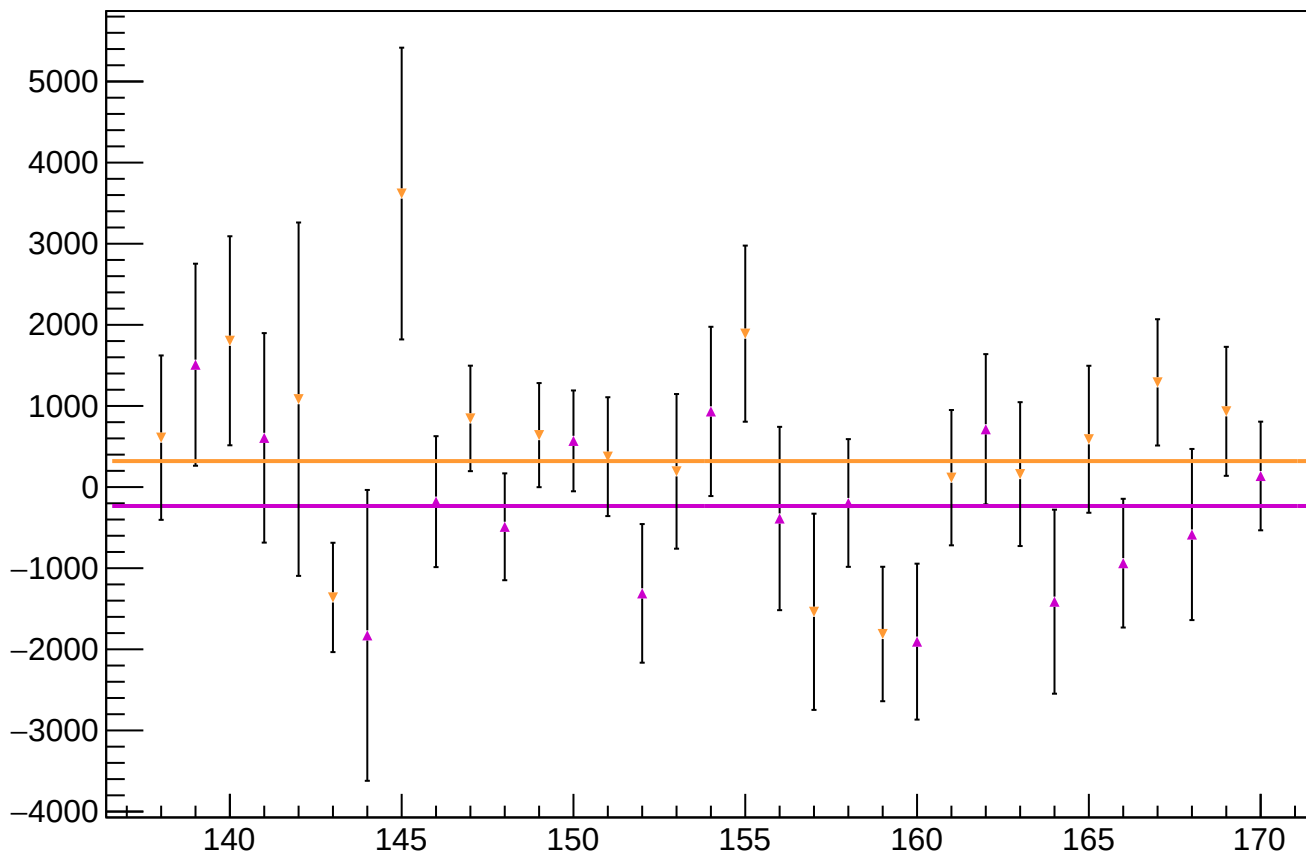
Left In: 2423.385+/-0.484 χ^2/NDF : 9492.2/15

+ sign 2506.164+/-0.405 χ^2/NDF : 507643.5/33

All: 2512.264+/-0.287 χ^2/NDF : 1274892.1/68

- sign 2518.385+/-0.406 χ^2/NDF : 766794.5/34

asym_atl1_correction_mean vs Slug



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

Left Out: 320.383 $\pm$ 212.225 χ^2 /NDF: 25.4/16

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

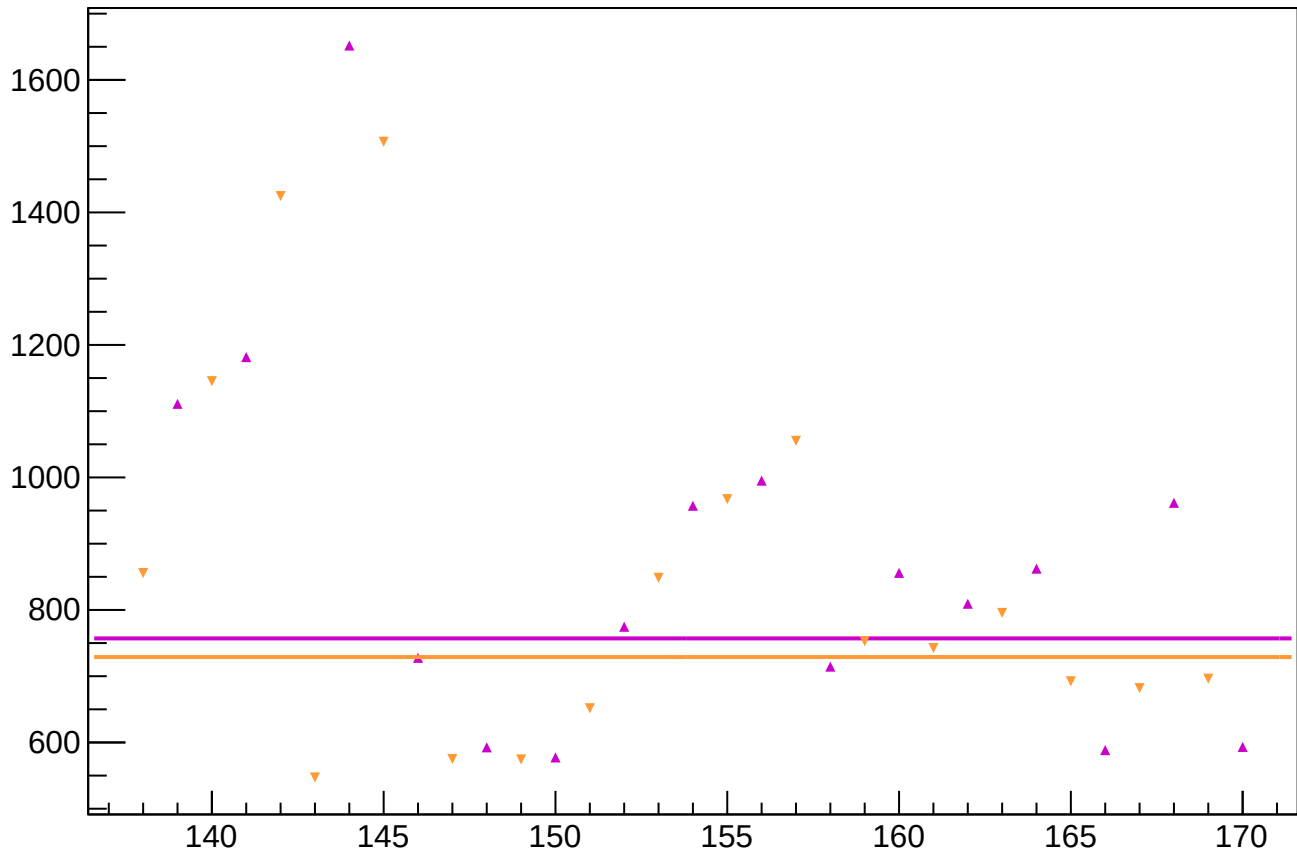
Left In: -233.185 $\pm$ 221.340 χ^2 /NDF: 14.2/15

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

All: 55.232 $\pm$ 153.187 χ^2 /NDF: 42.9/32

- sign 0.000 $\pm$ 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: 728.913+/-0.150 χ^2/NDF :1514937.2/16

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

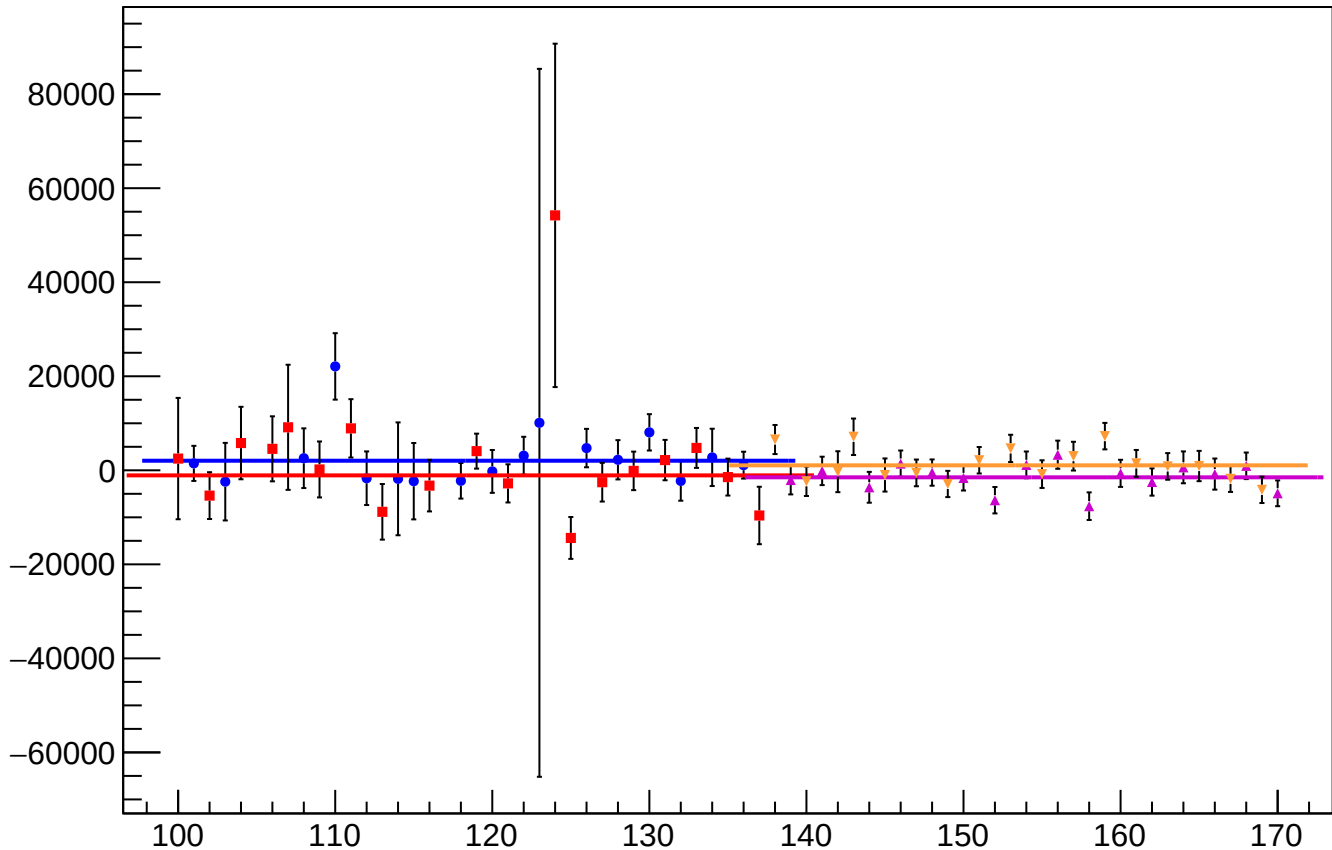
Left In: 757.031+/-0.157 χ^2/NDF :1669735.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.381+/-0.108 χ^2/NDF : 3201488.6/32

- 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: 1057.047+/-734.853 χ^2/NDF : 21.5/16

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

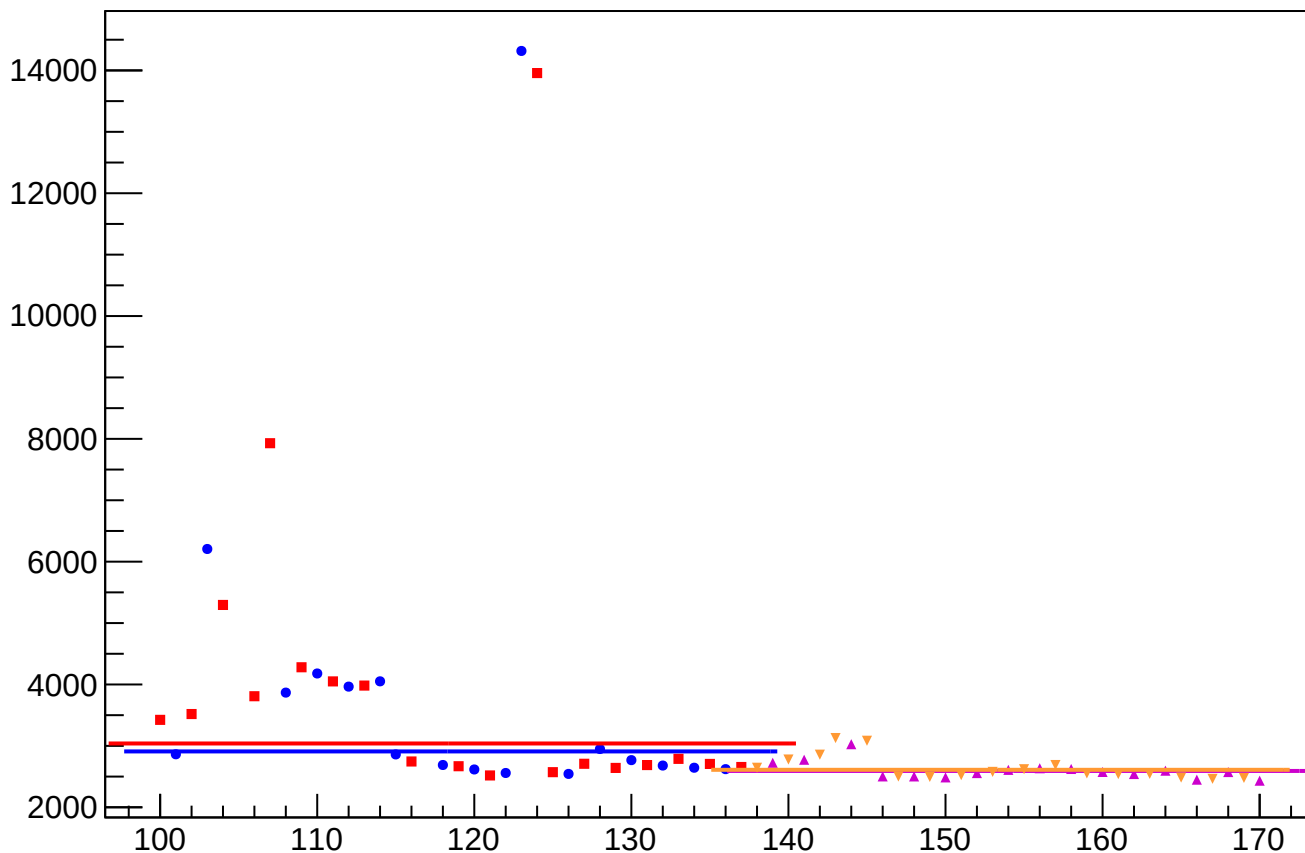
Left In: -1492.671+/-733.316 χ^2/NDF : 15.6/15

+ sign 1340.906+/-619.447 χ^2/NDF : 36.8/33

All: -9.324+/-439.552 χ^2/NDF : 87.4/68

- sign -1378.665+/-623.816 χ^2/NDF : 41.0/34

asym_atl1_rms vs Slug



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

Left Out: 2610.223 ± 0.520 χ^2/NDF : 110189.4/16

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

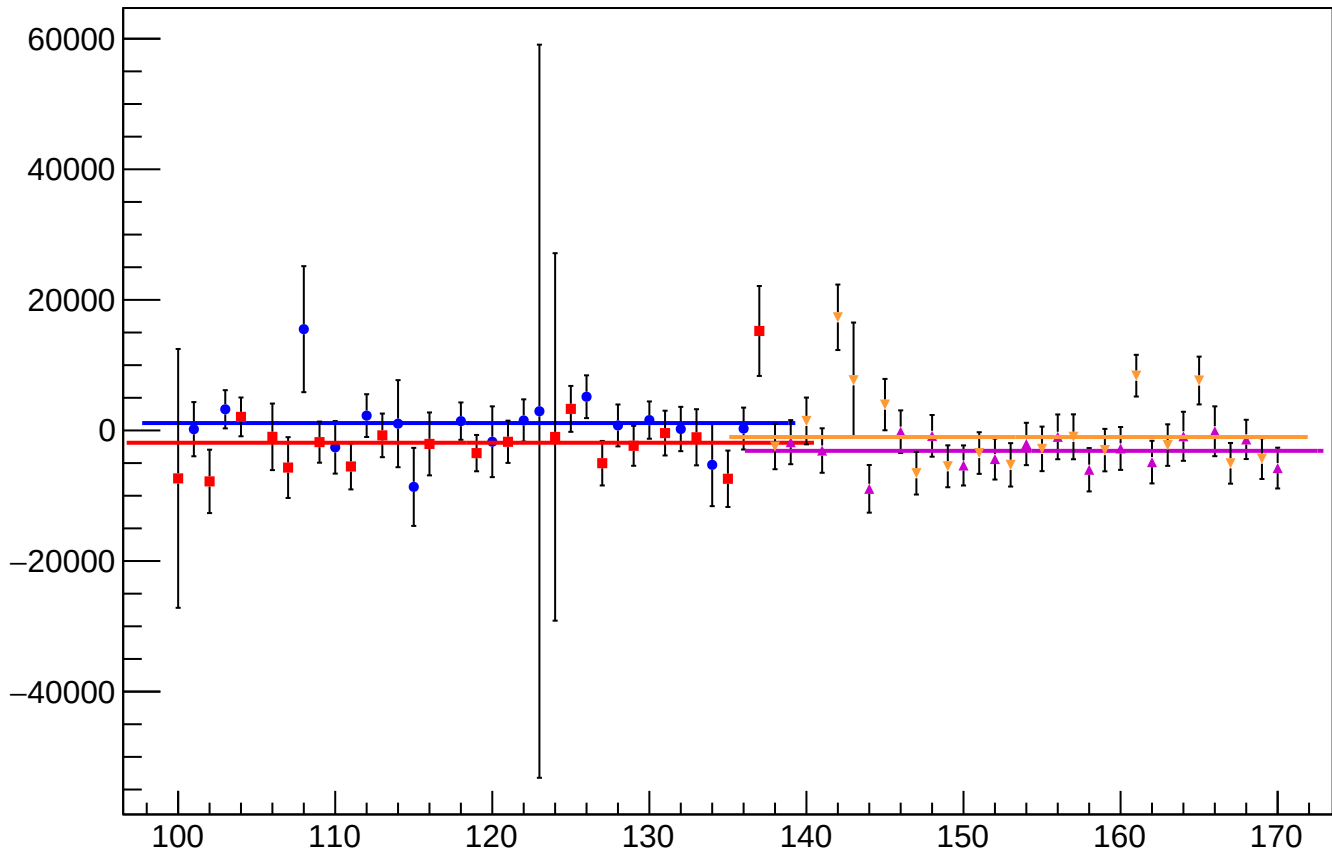
Left In: 2591.750 ± 0.519 χ^2/NDF : 65696.5/15

+ sign 2696.910 ± 0.438 χ^2/NDF : 848243.5/33

All: 2706.079 ± 0.311 χ^2/NDF : 2131828.6/68

- sign 2715.379 ± 0.441 χ^2/NDF : 1282702.3/34

dit_asym_atl2_mean vs Slug



Right In: 1131.802 $\pm$ 926.744 χ^2 /NDF: 9.5/16

Left Out: -1008.931 $\pm$ 845.232 χ^2 /NDF: 41.5/16

Right Out: -1884.987 $\pm$ 887.115 χ^2 /NDF: 16.6/18

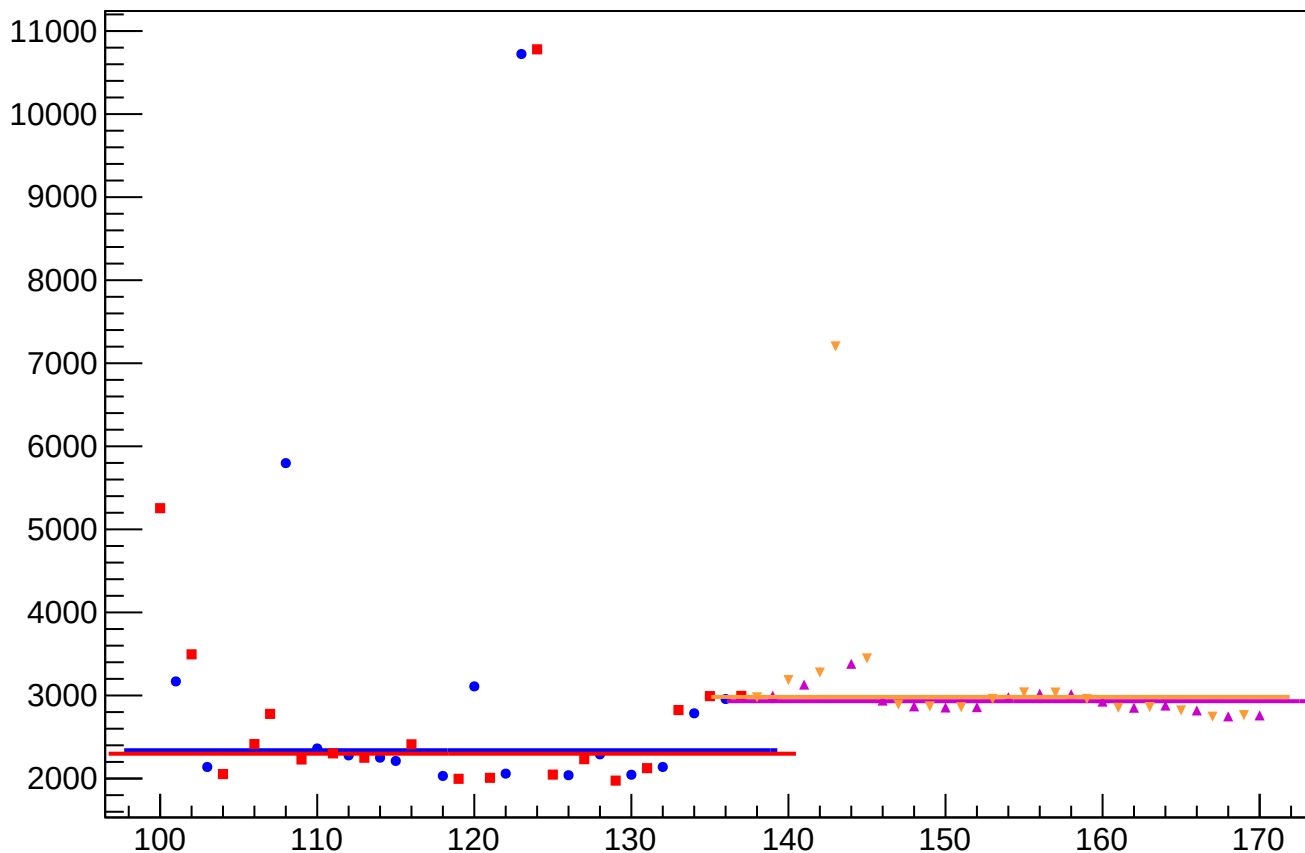
Left In: -3124.119 $\pm$ 828.196 χ^2 /NDF: 8.3/15

+ sign -36.833 $\pm$ 624.502 χ^2 /NDF: 53.9/33

All: -1330.966 $\pm$ 434.672 χ^2 /NDF: 88.1/68

- sign -2547.066 $\pm$ 605.382 χ^2 /NDF: 25.9/34

dit_asym_atl2_rms vs Slug



Right In: 2340.877 ± 0.655 χ^2/NDF : 600471.2/16

Left Out: 2982.399 ± 0.598 χ^2/NDF : 536982.5/16

Right Out: 2298.949 ± 0.627 χ^2/NDF : 566102.7/18

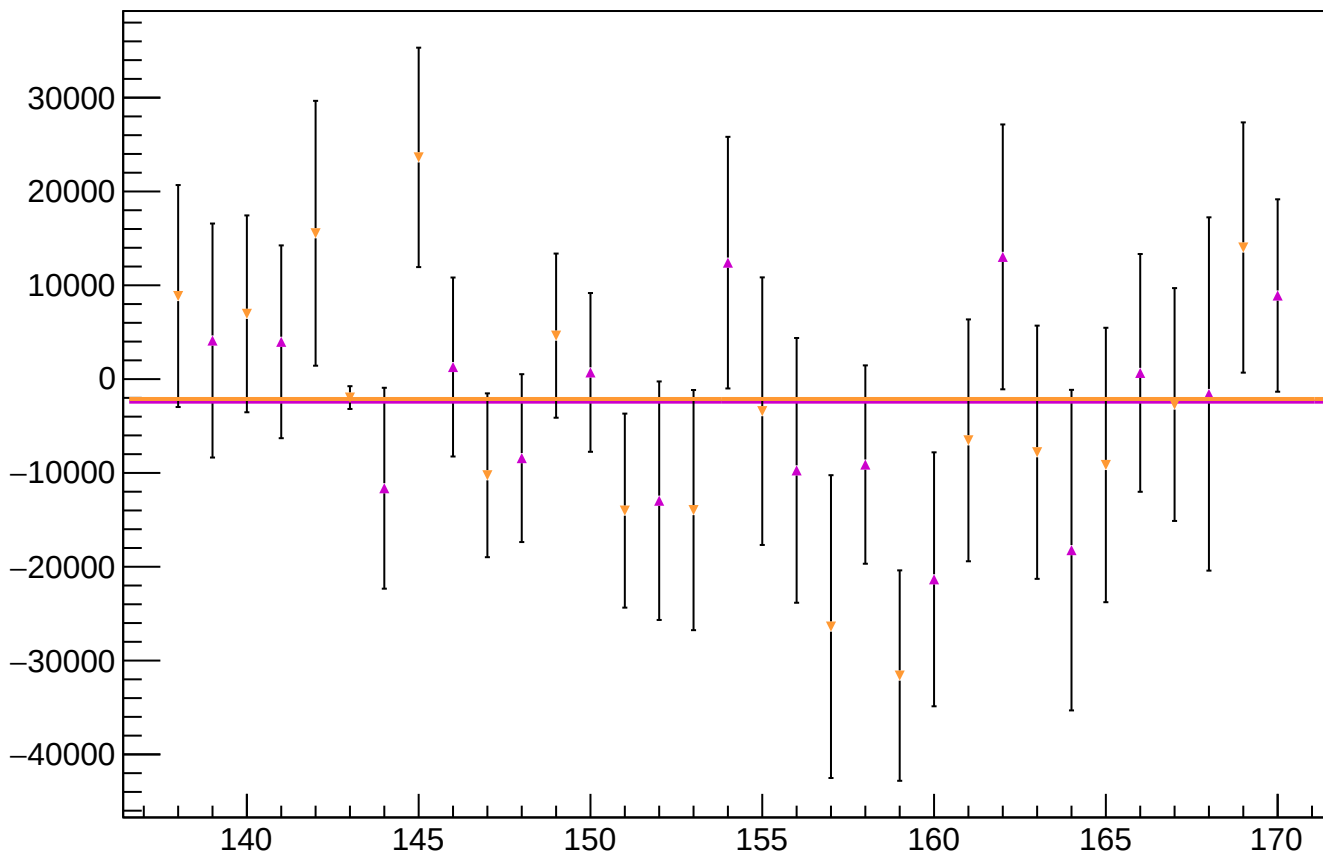
Left In: 2930.967 ± 0.586 χ^2/NDF : 60893.8/15

+ sign 2691.086 ± 0.442 χ^2/NDF : 1660632.7/33

All: 2662.887 ± 0.307 χ^2/NDF : 2838371.1/68

- sign 2636.407 ± 0.428 χ^2/NDF : 1169831.2/34

asym_atl2_correction_mean vs Slug



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

Left Out: -2117.459+/-1122.421 χ^2/NDF : 22.9/16

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

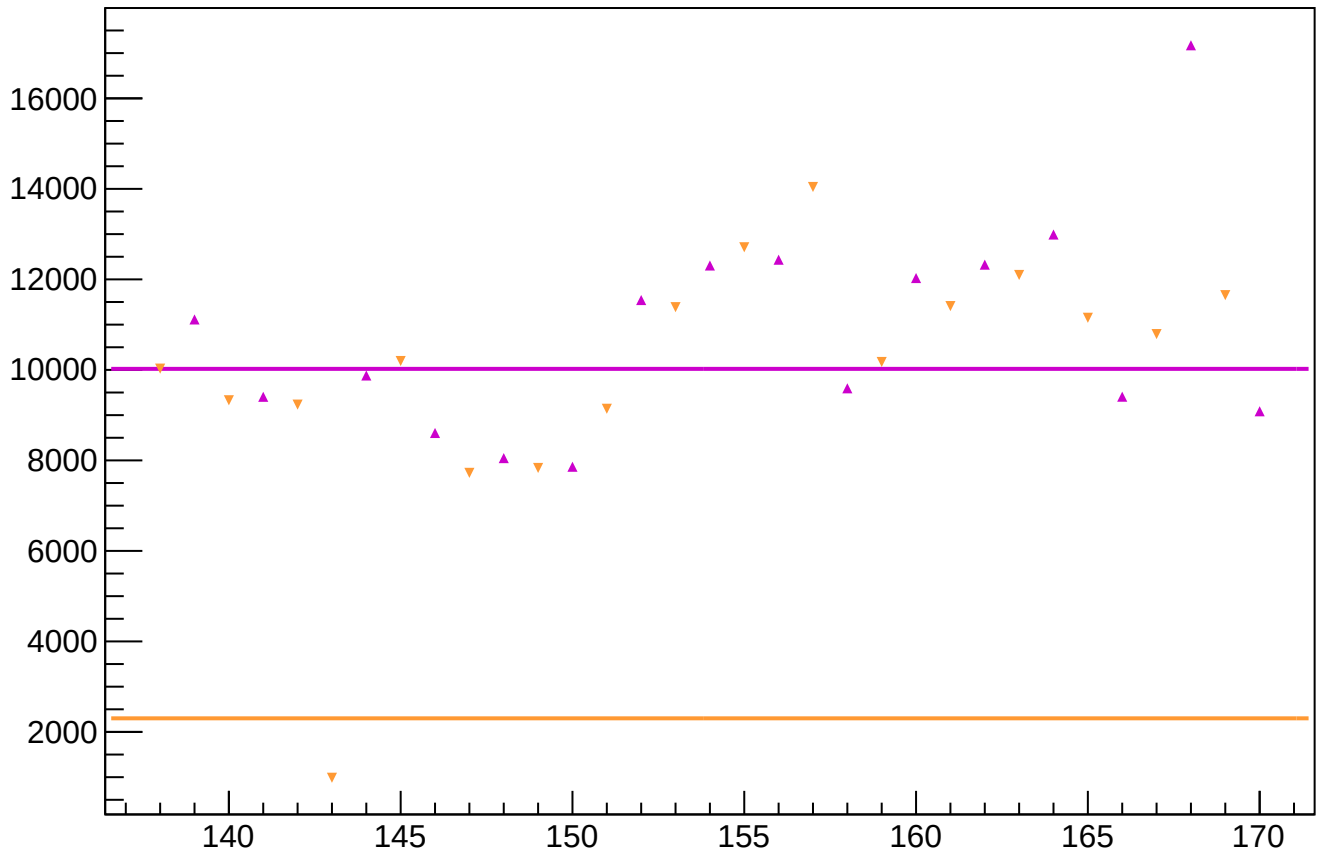
Left In: -2403.689+/-2883.621 χ^2/NDF : 10.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2155.119+/-1045.978 χ^2/NDF : 32.9/32

- 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: 2300.328+/-0.794 χ^2/NDF :16755013.8/16

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

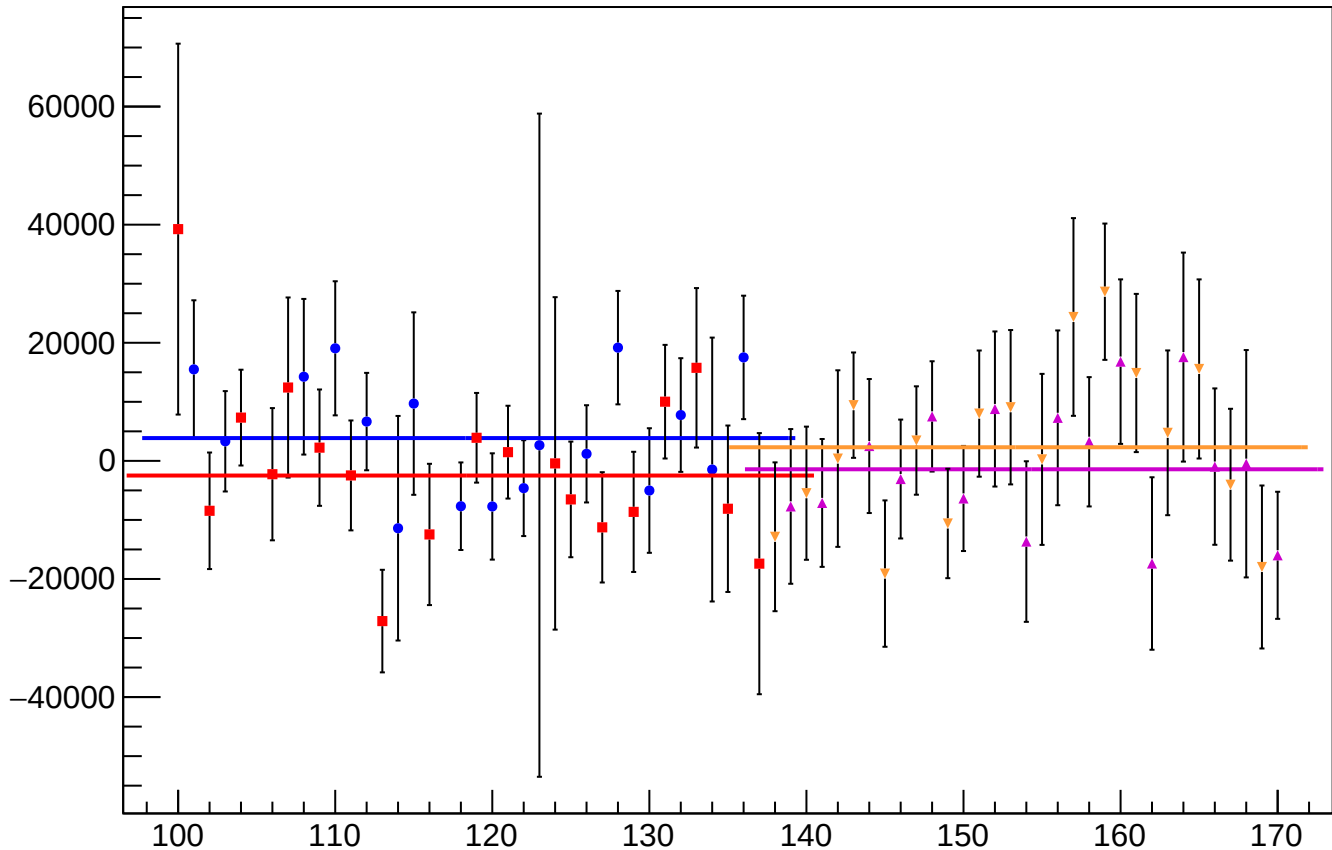
Left In: 10022.593+/-2.039 χ^2/NDF :910701.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3316.374+/-0.740 χ^2/NDF : 30121639.9/3

- 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: 2306.292+/-2910.570 χ^2/NDF : 19.1/16

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

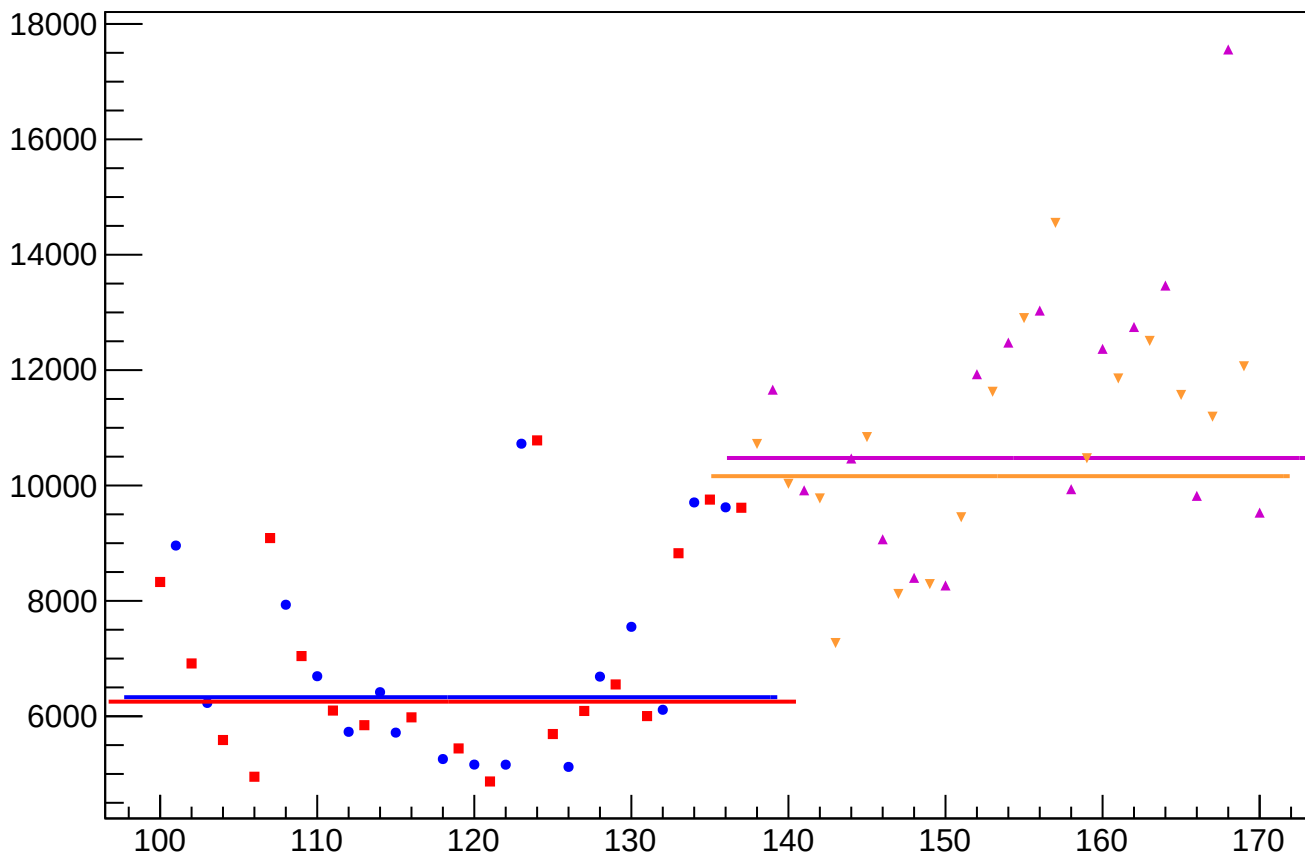
Left In: -1423.671+/-3011.386 χ^2/NDF : 9.7/15

+ sign 3197.631+/-1900.283 χ^2/NDF : 34.0/33

All: 546.833+/-1338.979 χ^2/NDF : 67.7/68

- sign -2067.008+/-1886.990 χ^2/NDF : 29.8/34

asym_atl2_rms vs Slug



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

Left Out: 10161.804+/-2.058 χ^2/NDF : 803377.5/16

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

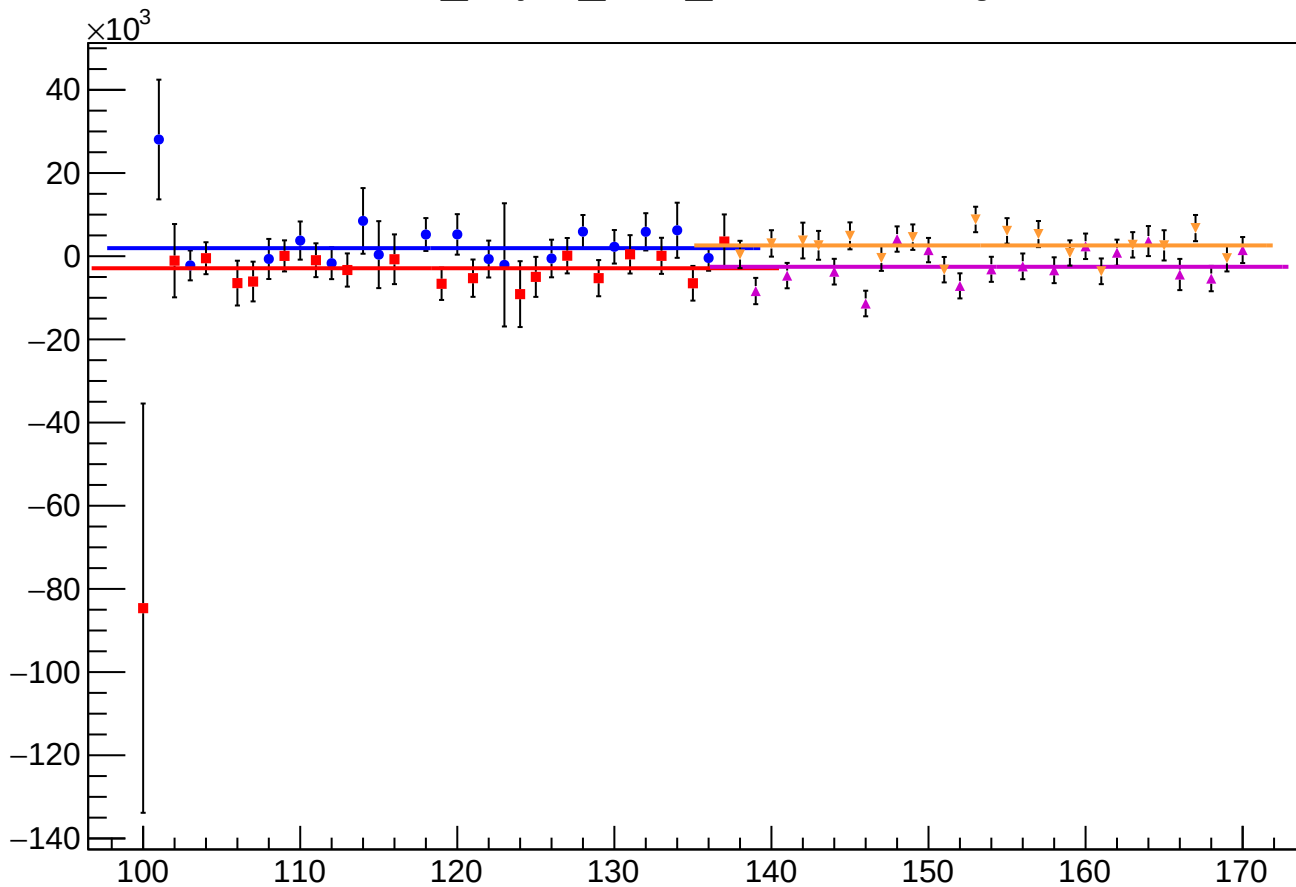
Left In: 10476.733+/-2.129 χ^2/NDF : 848647.4/15

+ sign 7963.526+/-1.344 χ^2/NDF : 3385279.2/33

All: 7937.359+/-0.947 χ^2/NDF : 7159366.7/68

- sign 7911.559+/-1.334 χ^2/NDF : 3773334.4/34

dit_asym_atr1_mean vs Slug



Right In: 1936.744 ± 1128.266 χ^2/NDF : 11.3/16

Left Out: 2592.539 ± 777.770 χ^2/NDF : 19.4/16

Right Out: -2896.594 ± 1086.848 χ^2/NDF : 10.6/18

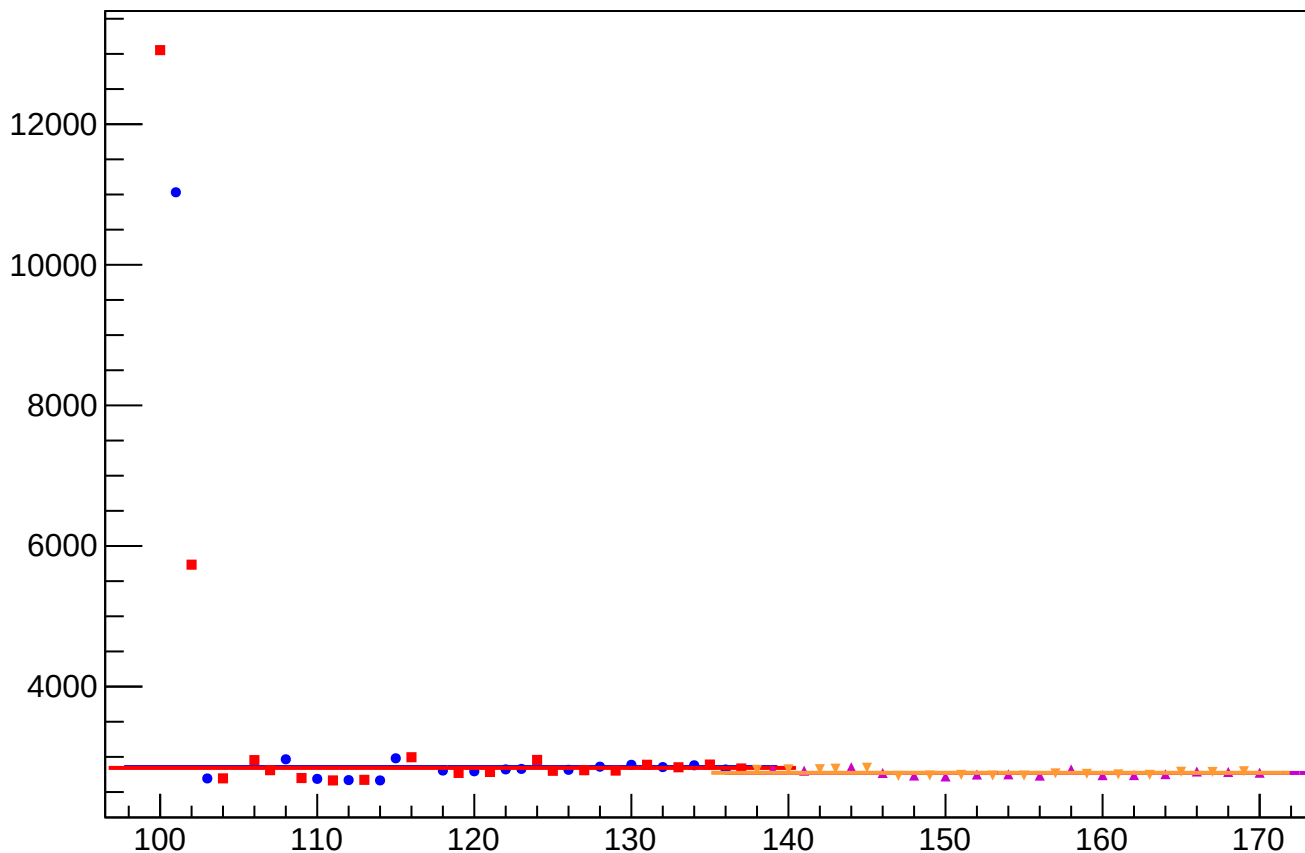
Left In: -2546.501 ± 781.742 χ^2/NDF : 30.8/15

+ sign 2381.290 ± 640.361 χ^2/NDF : 30.9/33

All: -164.983 ± 450.763 χ^2/NDF : 103.8/68

- sign -2665.868 ± 634.629 χ^2/NDF : 41.5/34

dit_asym_atr1_rms vs Slug



Right In: 2855.108+/-0.798 χ^2/NDF : 660906.0/16

Left Out: 2773.315+/-0.550 χ^2/NDF : 4730.5/16

Right Out: 2843.350+/-0.769 χ^2/NDF : 319301.9/18

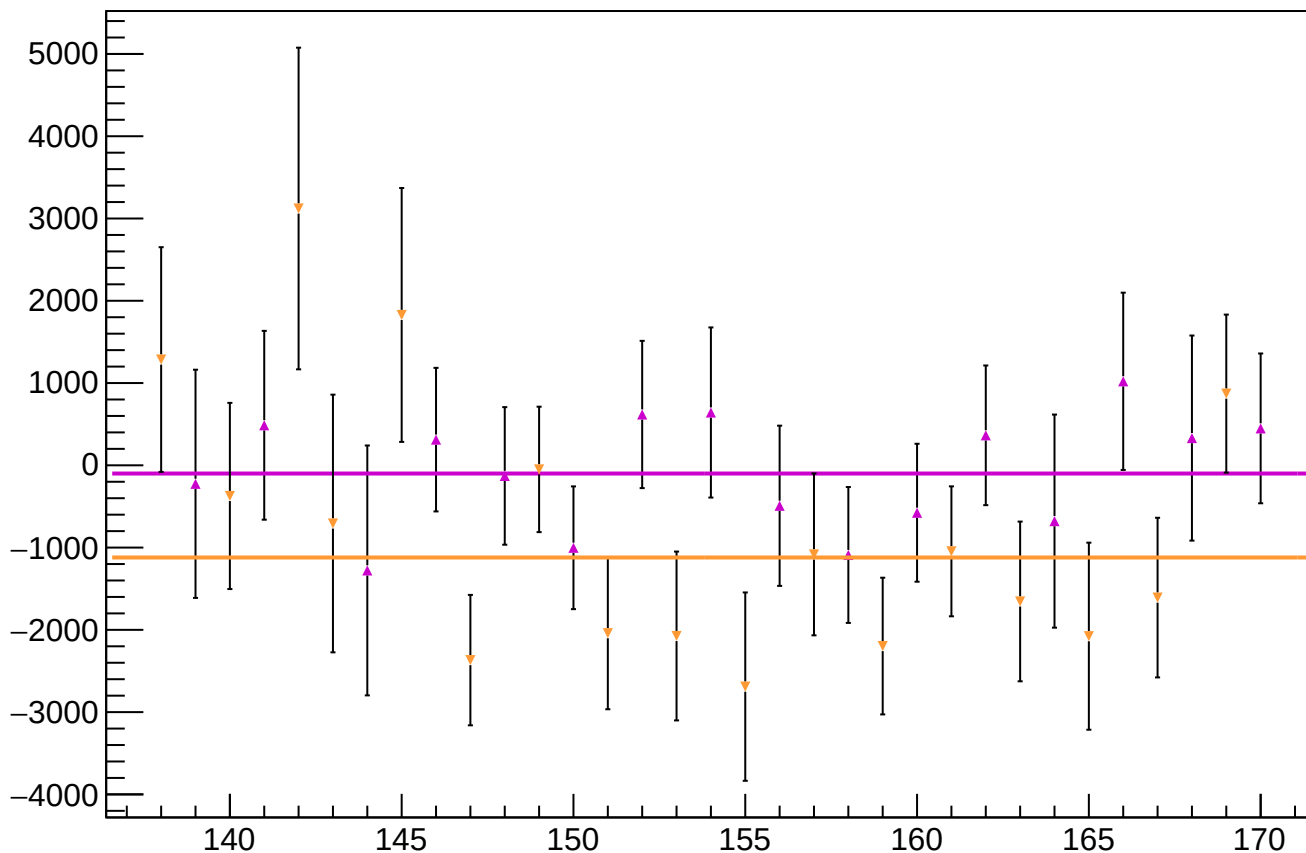
Left In: 2771.353+/-0.553 χ^2/NDF : 4516.5/15

+ sign 2799.663+/-0.453 χ^2/NDF : 672761.5/33

All: 2797.765+/-0.319 χ^2/NDF : 1002398.8/68

- sign 2795.901+/-0.449 χ^2/NDF : 329602.5/34

asym_atr1_correction_mean vs Slug



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

Left Out: -1120.445 $\pm$ 244.931 χ^2 /NDF:27.4/16

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

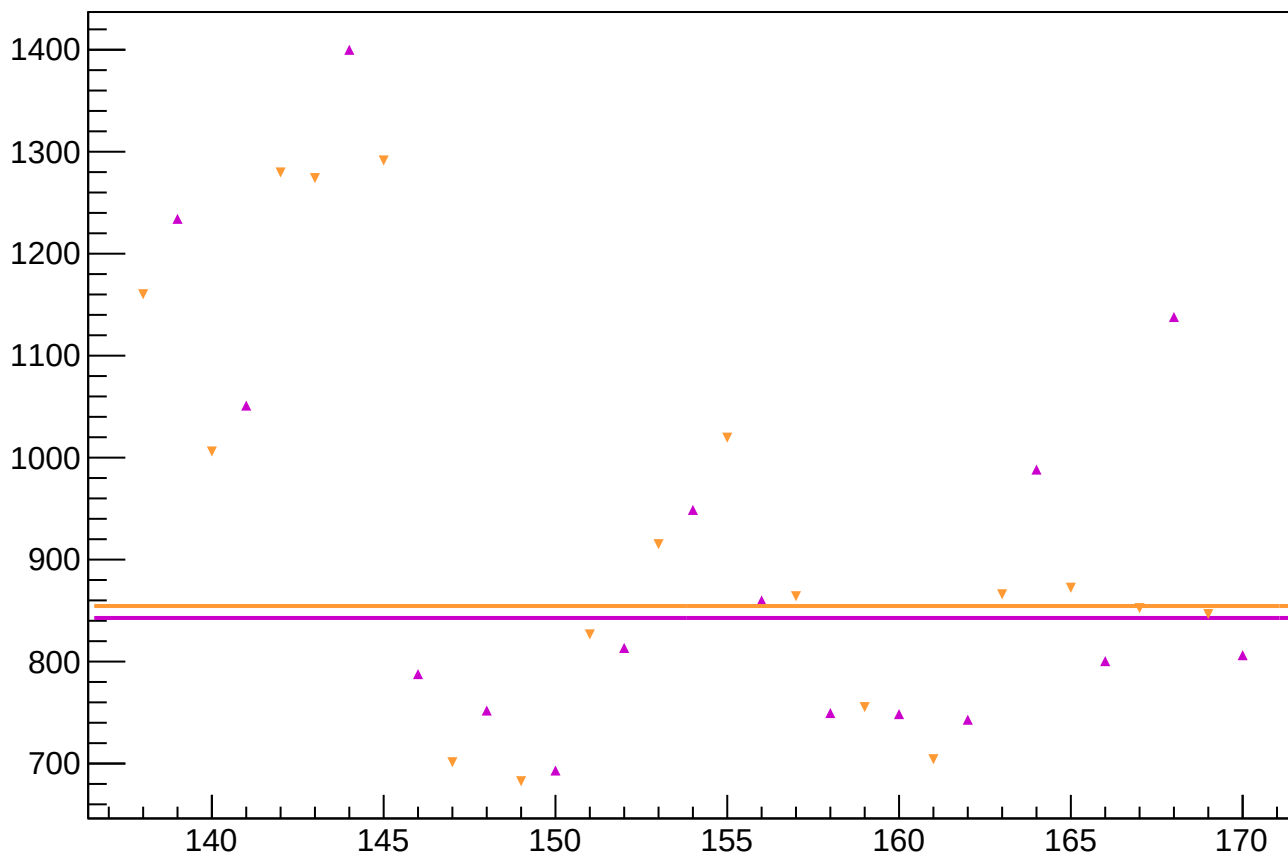
Left In: -99.905 $\pm$ 241.993 χ^2 /NDF:7.7/15

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

All: -604.016 $\pm$ 172.144 χ^2 /NDF: 43.9/32

- sign 0.000 $\pm$ 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: 854.490+/-0.173 χ^2/NDF : 863491.2/16

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

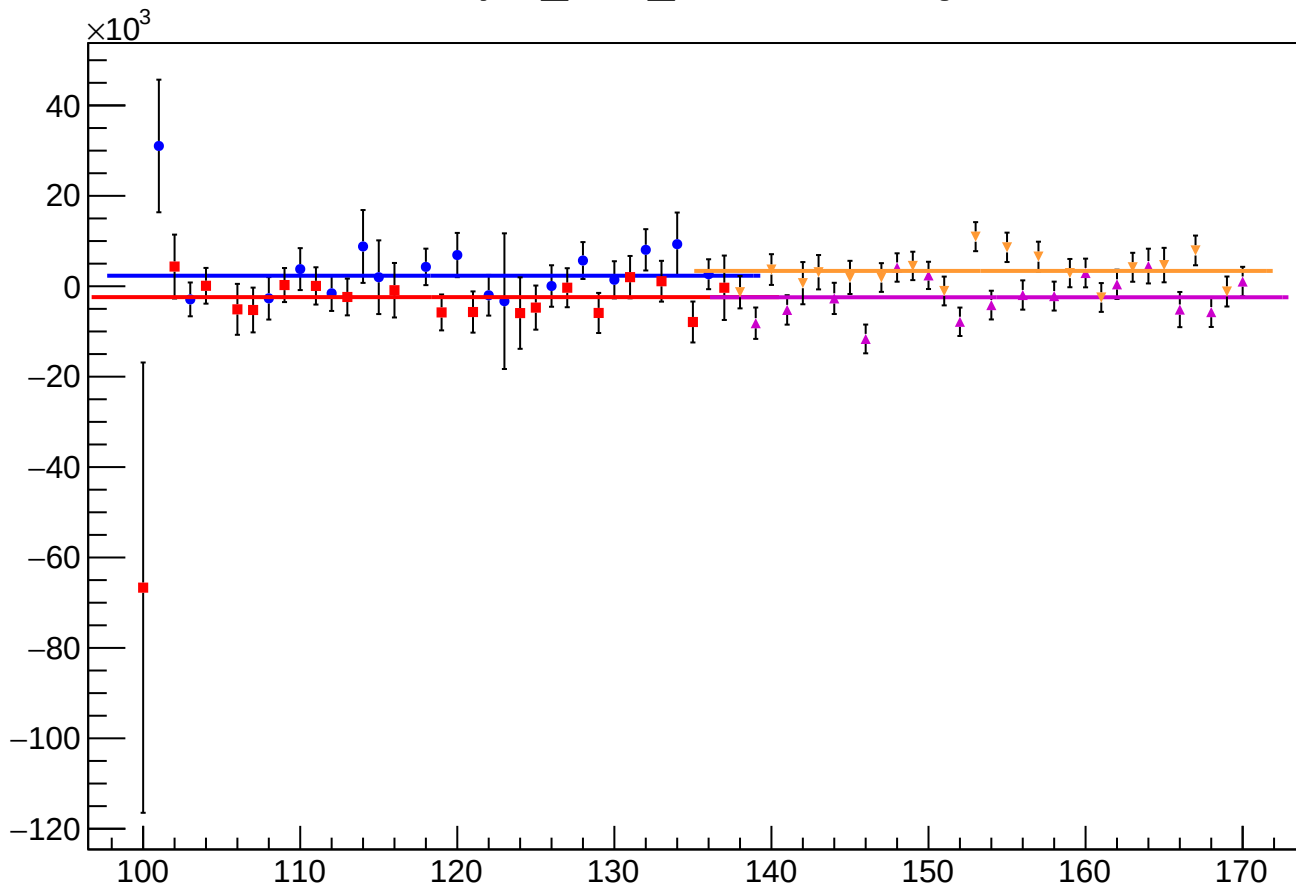
Left In: 842.769+/-0.171 χ^2/NDF : 852249.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.559+/-0.122 χ^2/NDF : 1718057.7/32

- 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: 3393.507+/-820.025 χ^2/NDF : 21.0/16

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

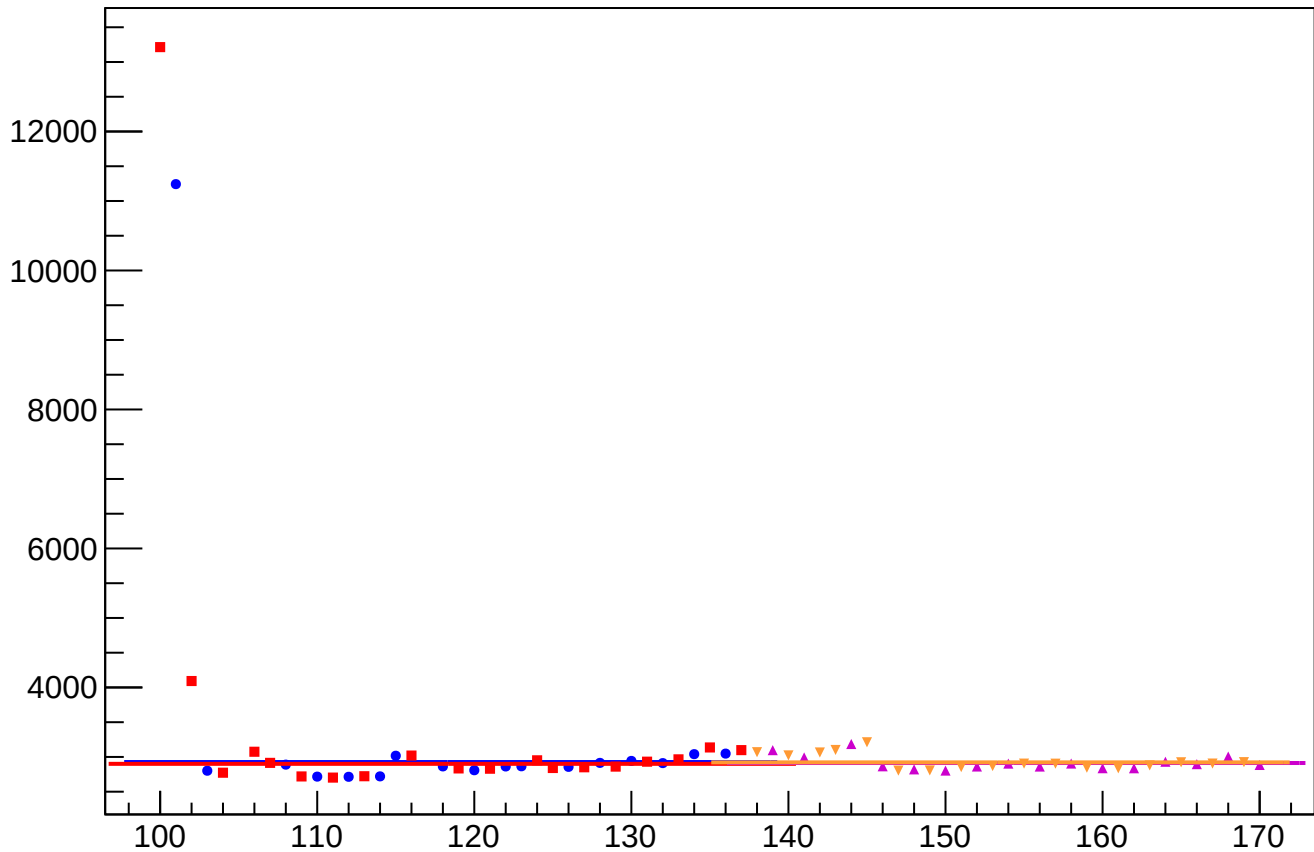
Left In: -2435.412+/-822.046 χ^2/NDF : 31.6/15

+ sign 3037.768+/-668.943 χ^2/NDF : 35.9/33

All: 272.642+/-470.048 χ^2/NDF : 111.4/68

- sign -2424.198+/-660.631 χ^2/NDF : 41.7/34

asym_atr1_rms vs Slug



Right In: 2926.610 ± 0.818 $\chi^2/\text{NDF}: 662794.4/16$

Left Out: 2921.917 ± 0.580 $\chi^2/\text{NDF}: 33948.6/16$

Right Out: 2900.827 ± 0.785 $\chi^2/\text{NDF}: 169866.6/18$

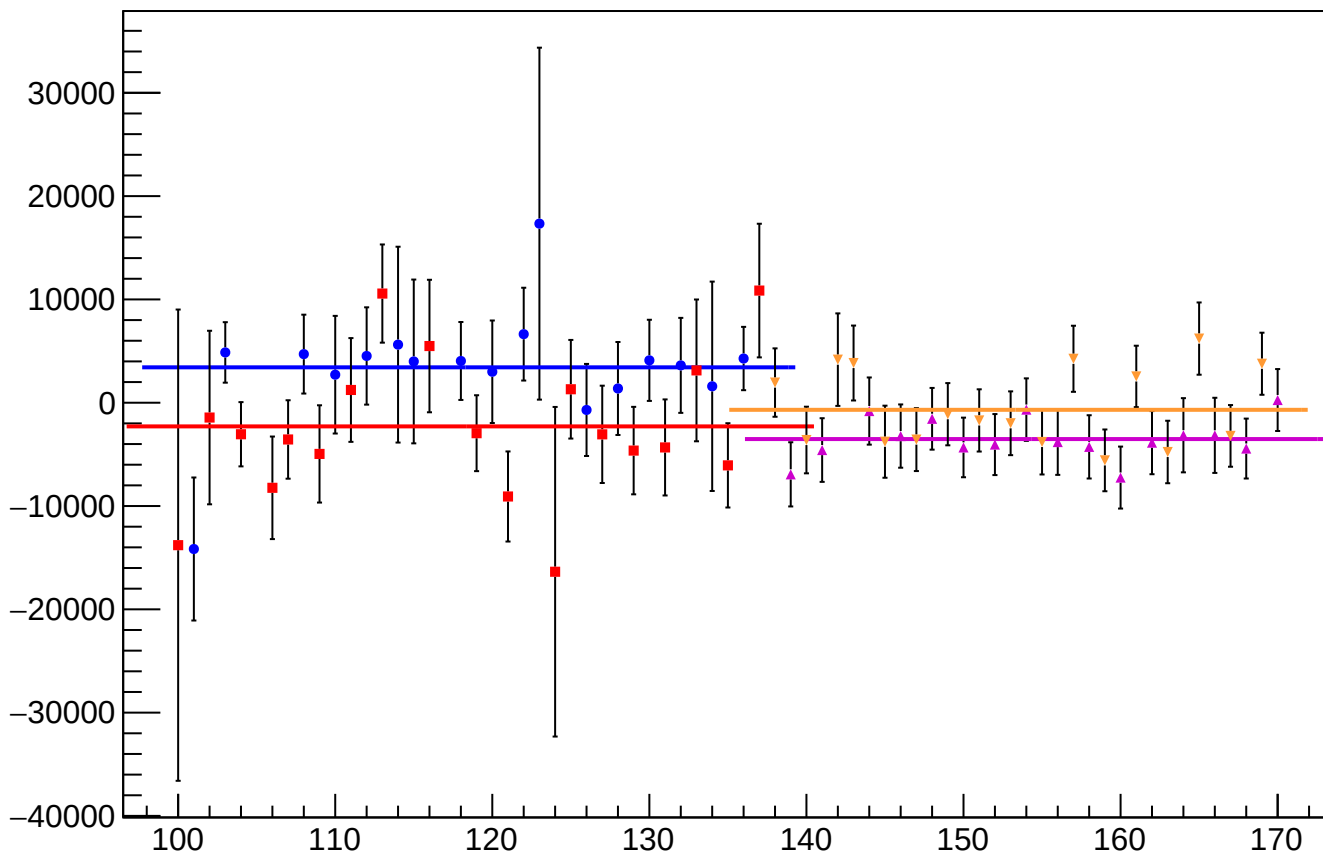
Left In: 2912.728 ± 0.581 $\chi^2/\text{NDF}: 29225.9/15$

+ sign 2923.487 ± 0.473 $\chi^2/\text{NDF}: 696764.9/33$

All: 2915.906 ± 0.332 $\chi^2/\text{NDF}: 896513.2/68$

- sign 2908.513 ± 0.467 $\chi^2/\text{NDF}: 199241.0/34$

dit_asym_atr2_mean vs Slug



Right In: 3426.396+/-1117.275 χ^2/NDF : 9.4/16

Left Out: -686.312+/-774.621 χ^2/NDF : 22.0/16

Right Out: -2290.985+/-1111.370 χ^2/NDF : 21.4/18

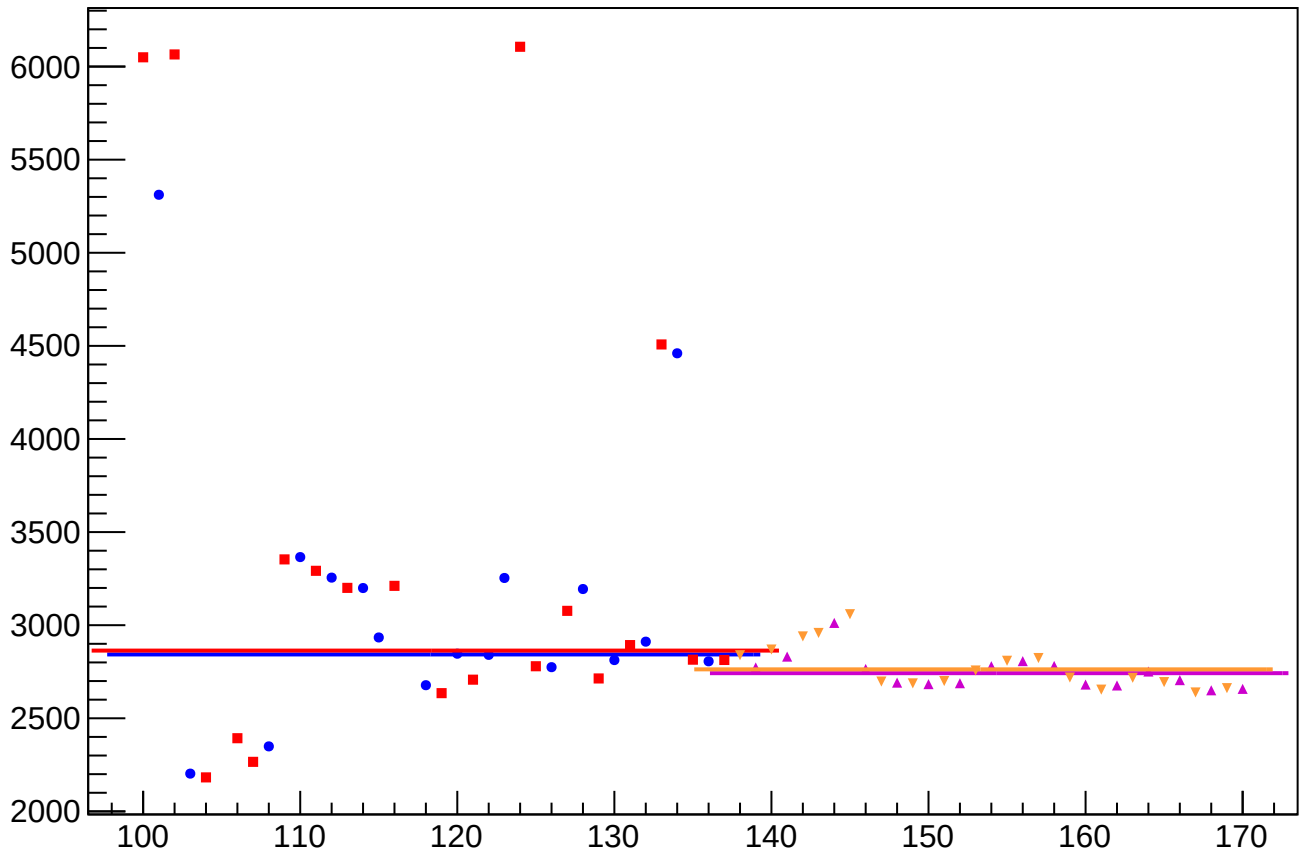
Left In: -3517.238+/-772.973 χ^2/NDF : 6.8/15

+ sign 648.821+/-636.588 χ^2/NDF : 40.5/33

All: -1240.265+/-449.424 χ^2/NDF : 87.1/68

- sign -3117.446+/-634.579 χ^2/NDF : 29.0/34

dit_asym_atr2_rms vs Slug



Right In: 2842.874+/-0.790 χ^2/NDF : 488114.5/16

Left Out: 2762.820+/-0.548 χ^2/NDF : 40828.2/16

Right Out: 2863.592+/-0.786 χ^2/NDF : 760763.4/18

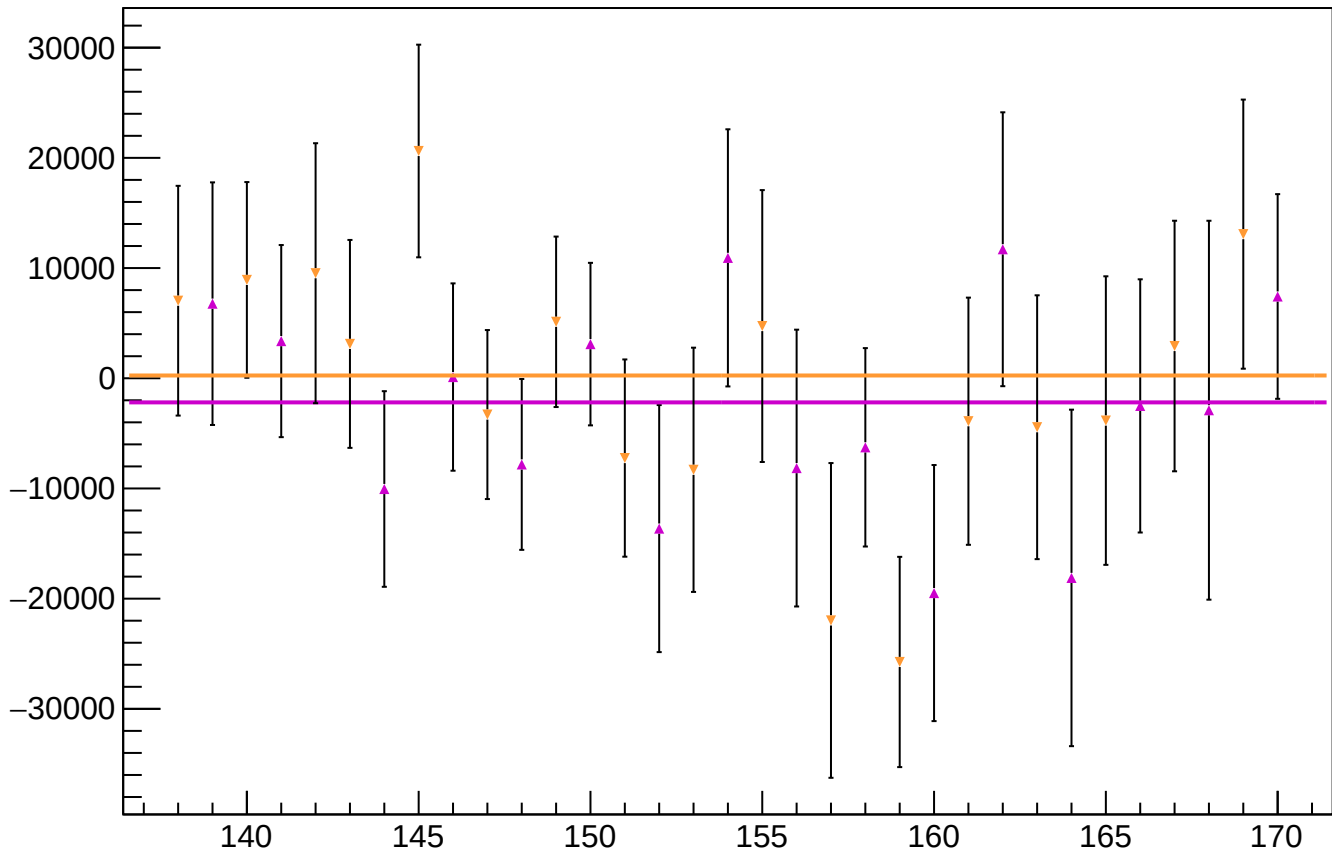
Left In: 2742.310+/-0.547 χ^2/NDF : 24876.4/15

+ sign 2788.808+/-0.450 χ^2/NDF : 535877.2/33

All: 2785.329+/-0.318 χ^2/NDF : 1337697.3/68

- sign 2781.873+/-0.449 χ^2/NDF : 801701.0/34

asym_atr2_correction_mean vs Slug



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

Left Out: 251.690+/-2476.331 χ^2/NDF :20.0/16

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

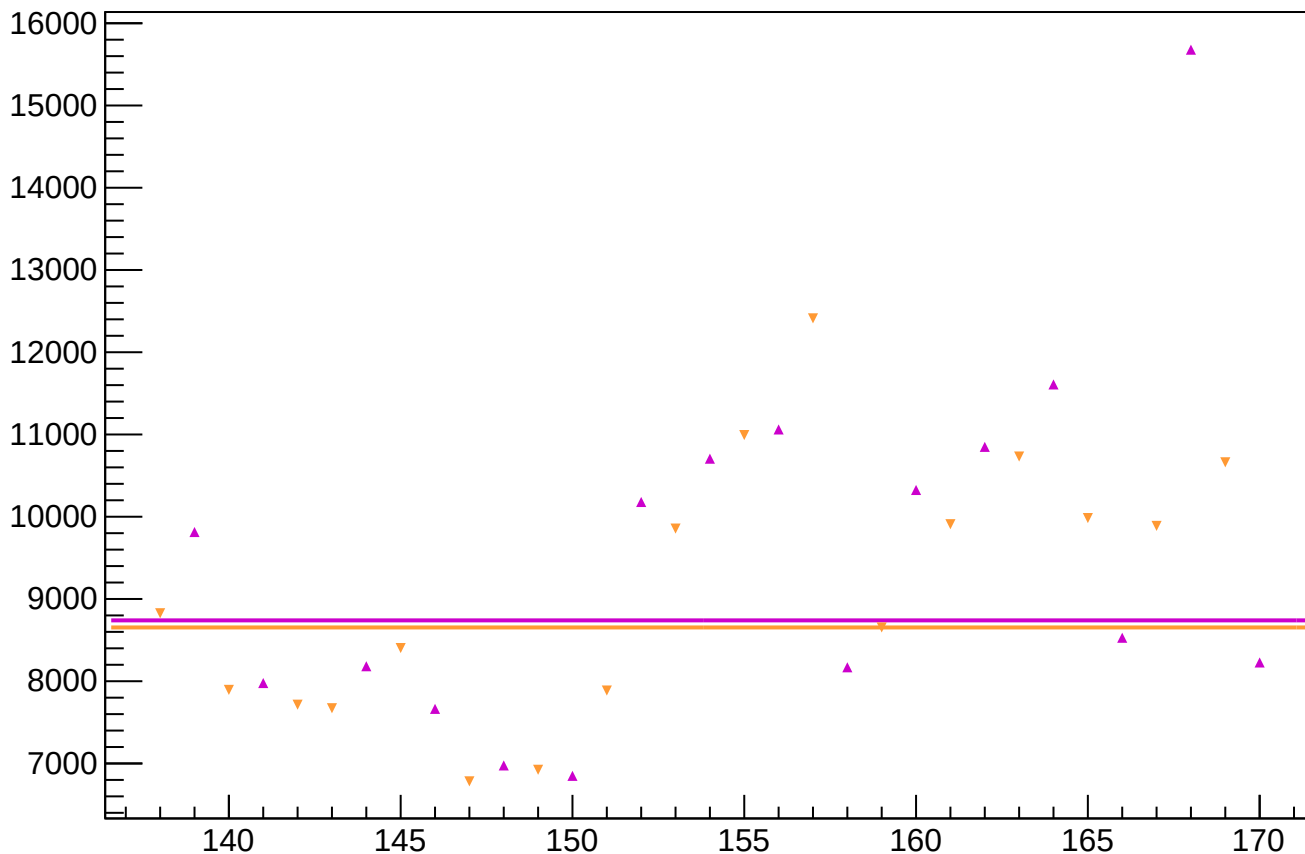
Left In: -2189.819+/-2518.251 χ^2/NDF :11.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -948.574+/-1765.665 χ^2/NDF : 31.8/32

- 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: 8653.774+/-1.751 χ^2/NDF : 702376.6/16

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

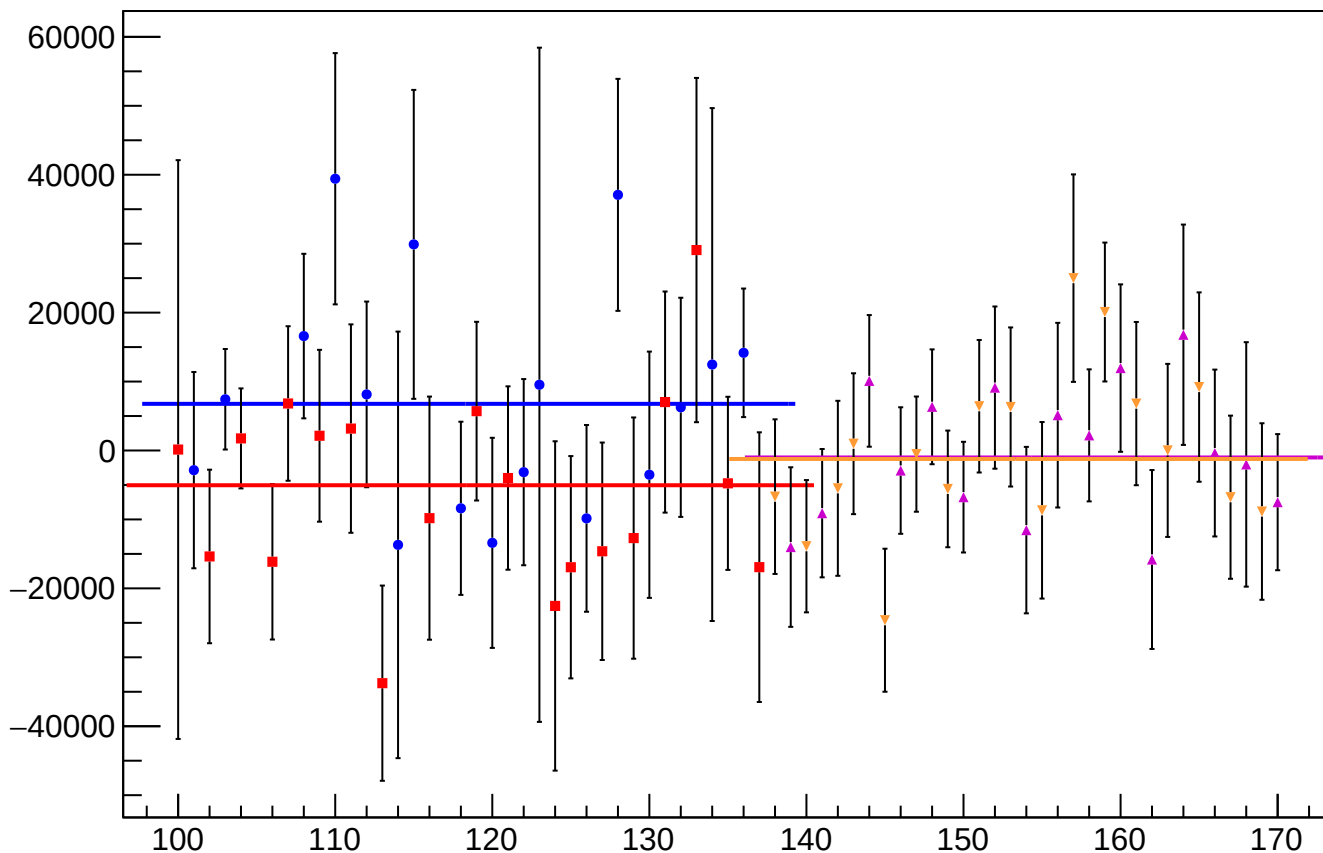
Left In: 8739.836+/-1.781 χ^2/NDF : 973343.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8696.083+/-1.249 χ^2/NDF : 1676907.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



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

Left Out: -1229.385 $\pm$ 2645.326 χ^2 /NDF:18.0/16

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

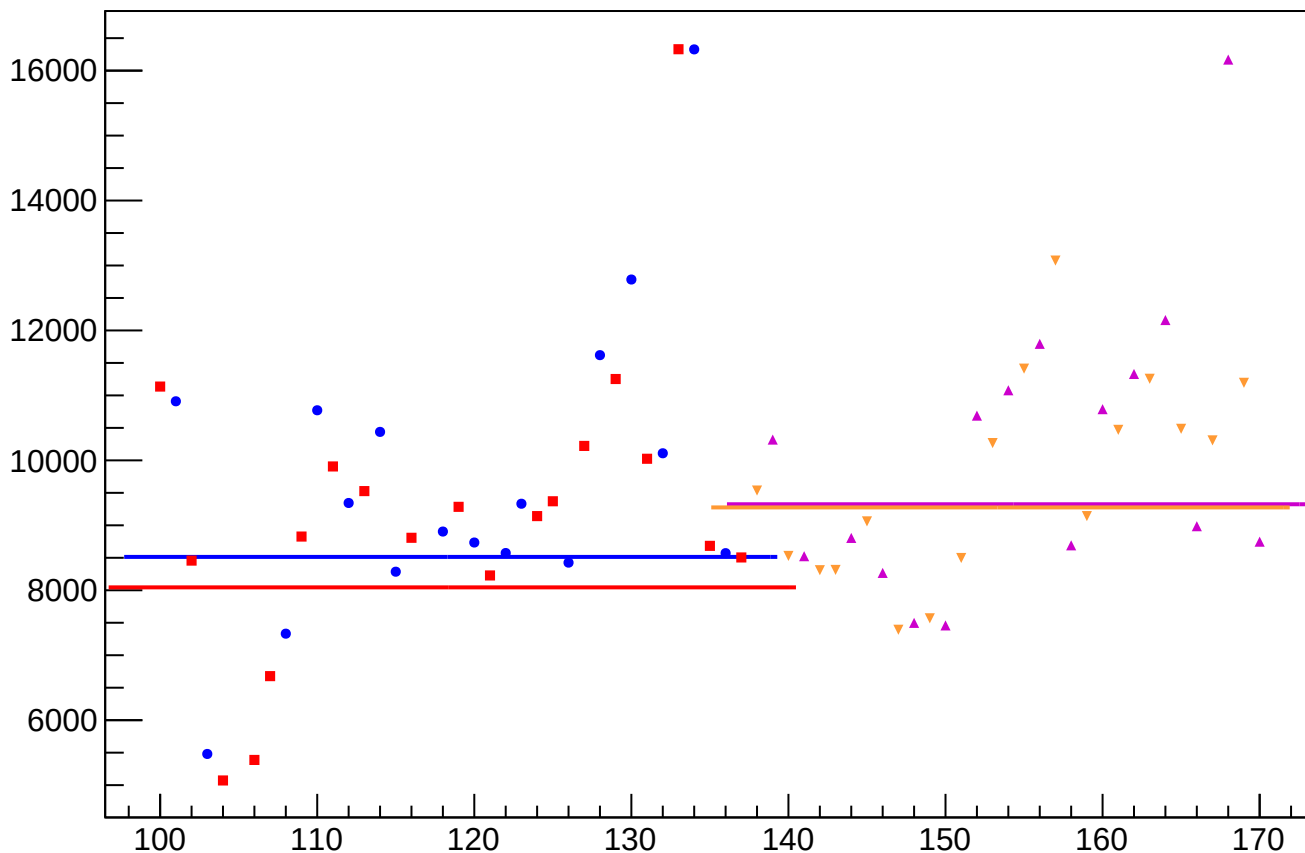
Left In: -1011.120 $\pm$ 2679.885 χ^2 /NDF:10.6/15

+ sign 1800.290 $\pm$ 2084.843 χ^2 /NDF: 36.8/33

All: -488.408 $\pm$ 1460.250 χ^2 /NDF: 64.4/68

- sign -2692.440 $\pm$ 2045.917 χ^2 /NDF: 25.2/34

asym_atr2_rms vs Slug



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

Left Out: 9275.545+/-1.871 χ^2/NDF : 583600.4/16

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

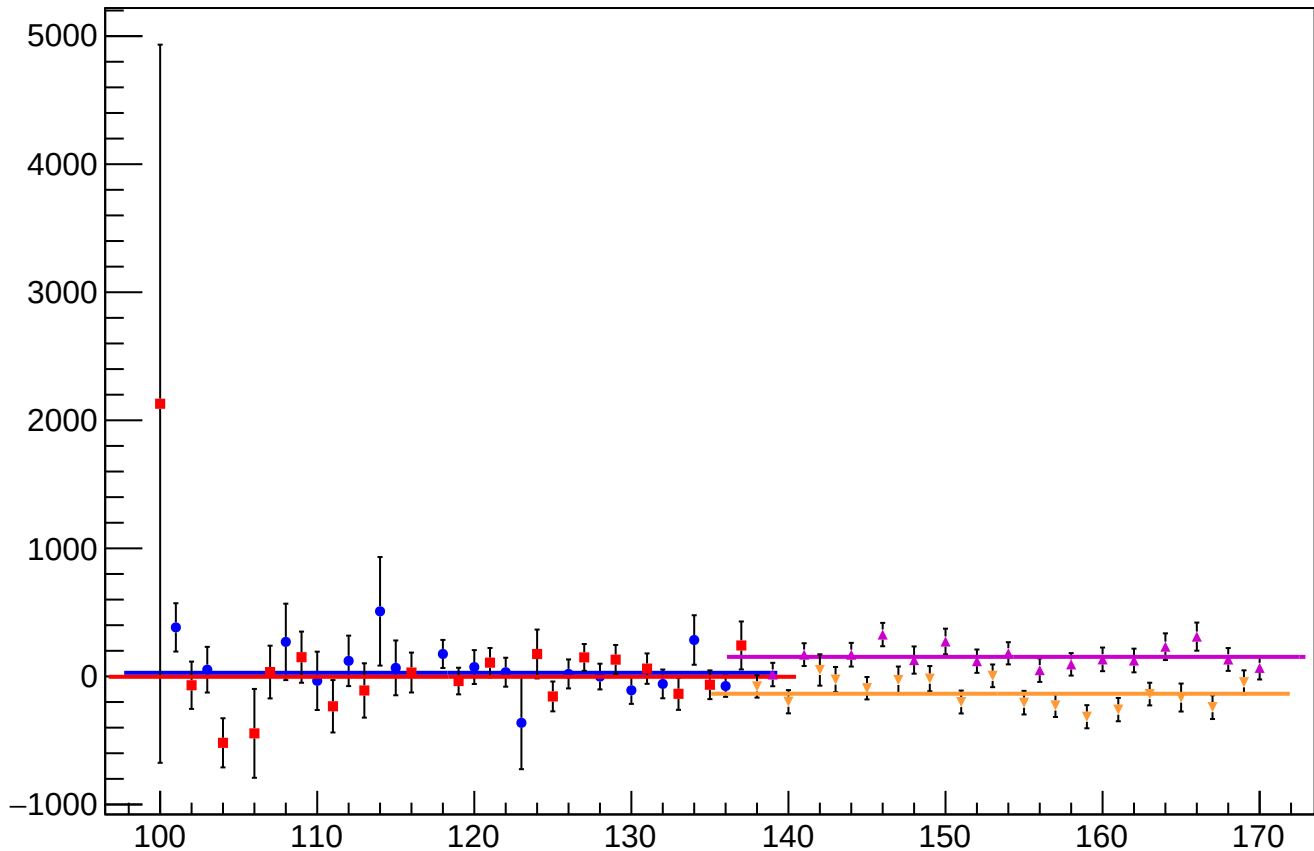
Left In: 9324.202+/-1.895 χ^2/NDF : 858320.6/15

+ sign 8986.898+/-1.474 χ^2/NDF : 1409067.7/33

All: 8886.811+/-1.033 χ^2/NDF : 3418934.5/68

- sign 8790.429+/-1.447 χ^2/NDF : 2000818.7/34

dit_asym_sam1_mean vs Slug



Right In: 28.303+/-33.679 χ^2/NDF : 14.5/16

Left Out: -135.299+/-22.784 χ^2/NDF : 19.9/16

Right Out: -2.963+/-33.691 χ^2/NDF : 22.3/18

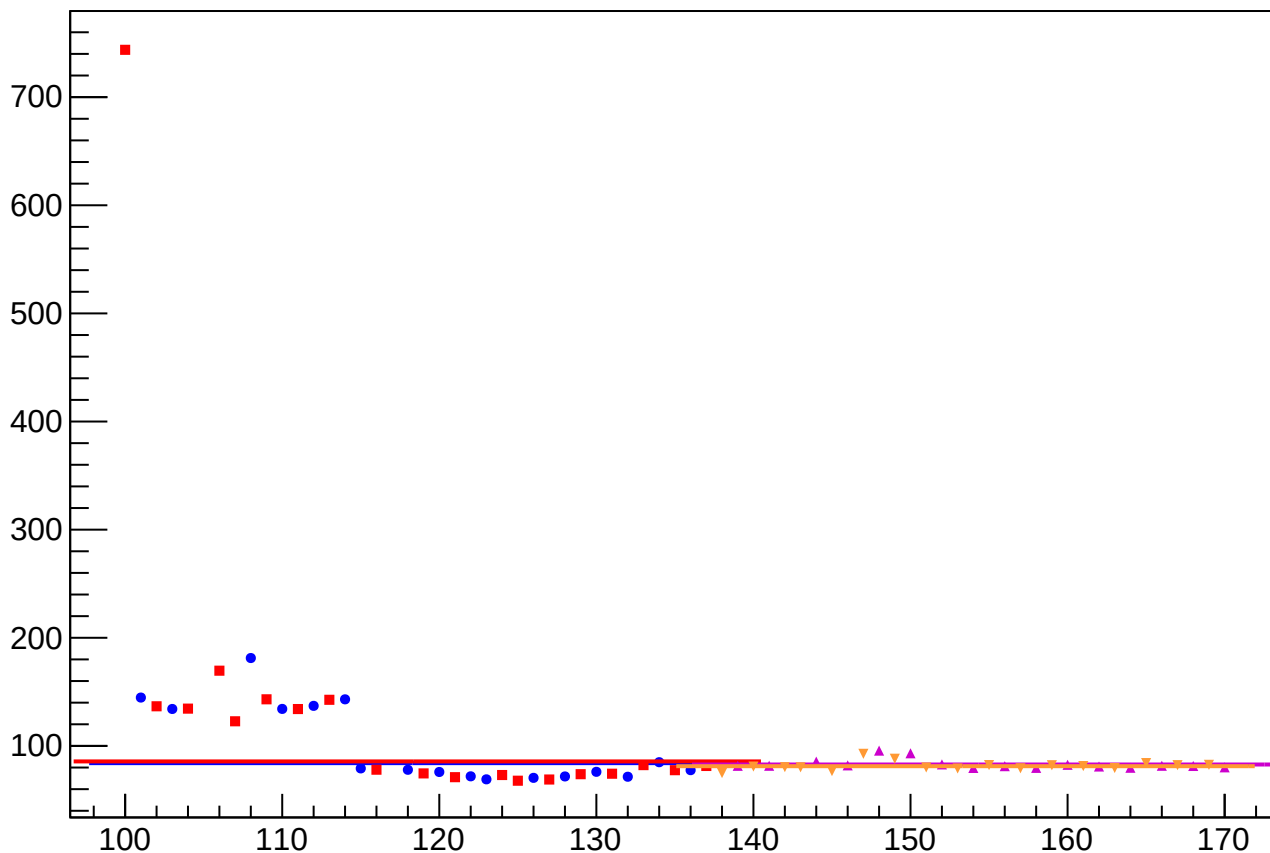
Left In: 152.624+/-23.379 χ^2/NDF : 13.2/15

+ sign -83.933+/-18.871 χ^2/NDF : 50.6/33

All: 7.417+/-13.461 χ^2/NDF : 148.1/68

- sign 102.053+/-19.208 χ^2/NDF : 49.8/34

dit_asym_sam1_rms vs Slug



Right In: 84.067 $\pm$ 0.024 χ^2 /NDF: 1005835.5/16

Left Out: 81.241 $\pm$ 0.016 χ^2 /NDF: 55394.7/16

Right Out: 85.667 $\pm$ 0.024 χ^2 /NDF: 1215221.9/18

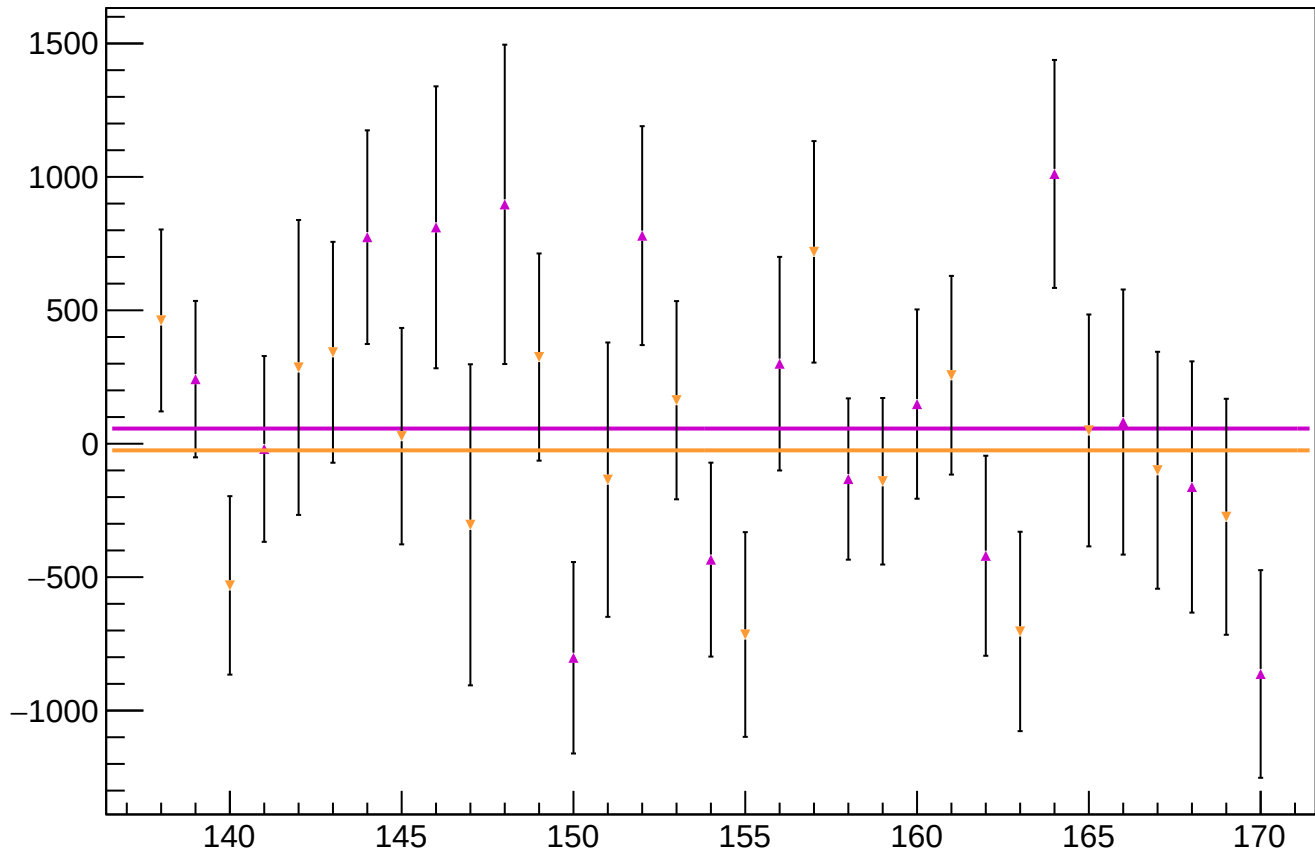
Left In: 82.802 $\pm$ 0.017 χ^2 /NDF: 63762.3/15

+ sign 82.128 $\pm$ 0.013 χ^2 /NDF: 1070889.3/33

All: 82.917 $\pm$ 0.010 χ^2 /NDF: 2366736.5/68

- sign 83.733 $\pm$ 0.014 χ^2 /NDF: 1288743.3/34

asym_sam1_correction_mean vs Slug



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

Left Out: -24.872 $\pm$ 97.179 χ^2 /NDF:17.6/16

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

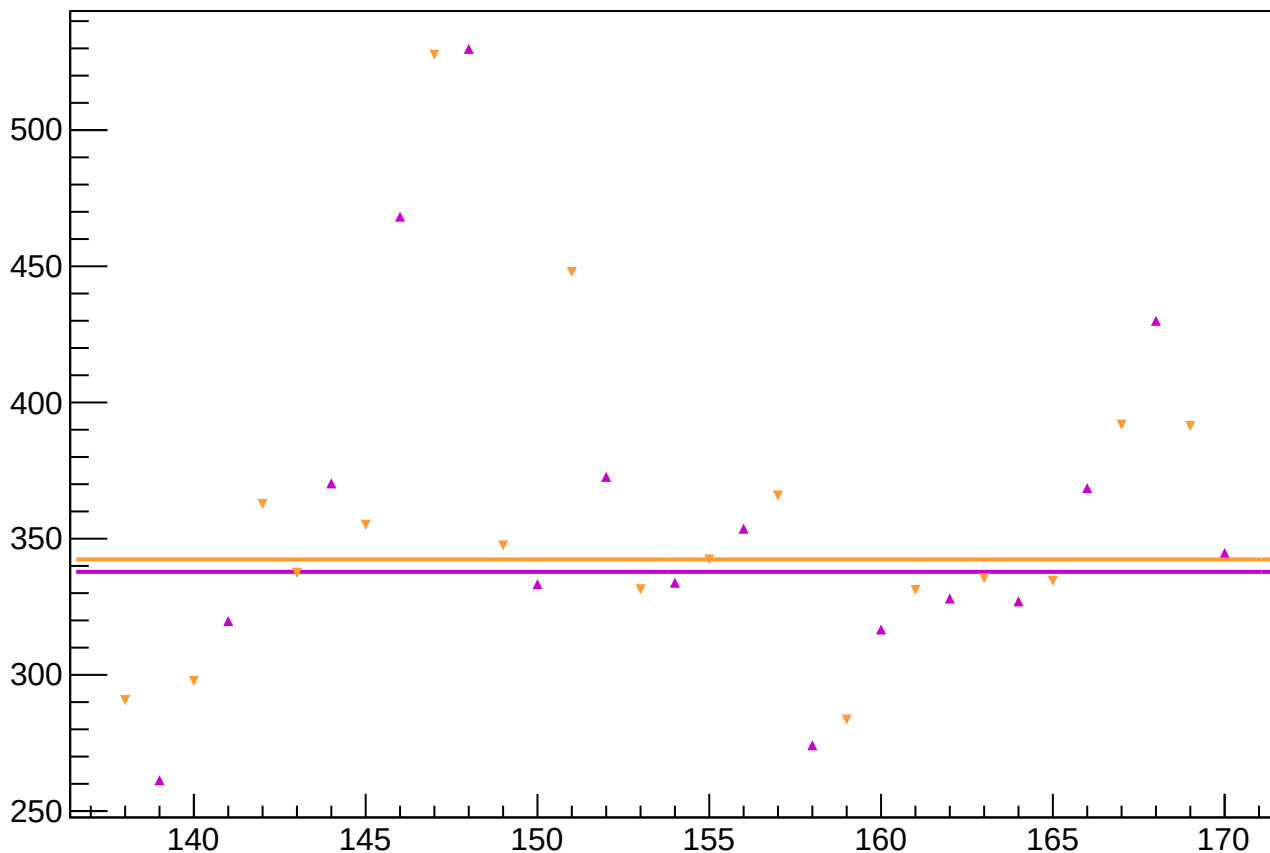
Left In: 56.859 $\pm$ 96.818 χ^2 /NDF:31.6/15

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

All: 16.145 $\pm$ 68.588 χ^2 /NDF: 49.5/32

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

asym_sam1_correction_rms vs Slug



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

Left Out: 342.366+/-0.069 χ^2/NDF : 492280.1/16

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

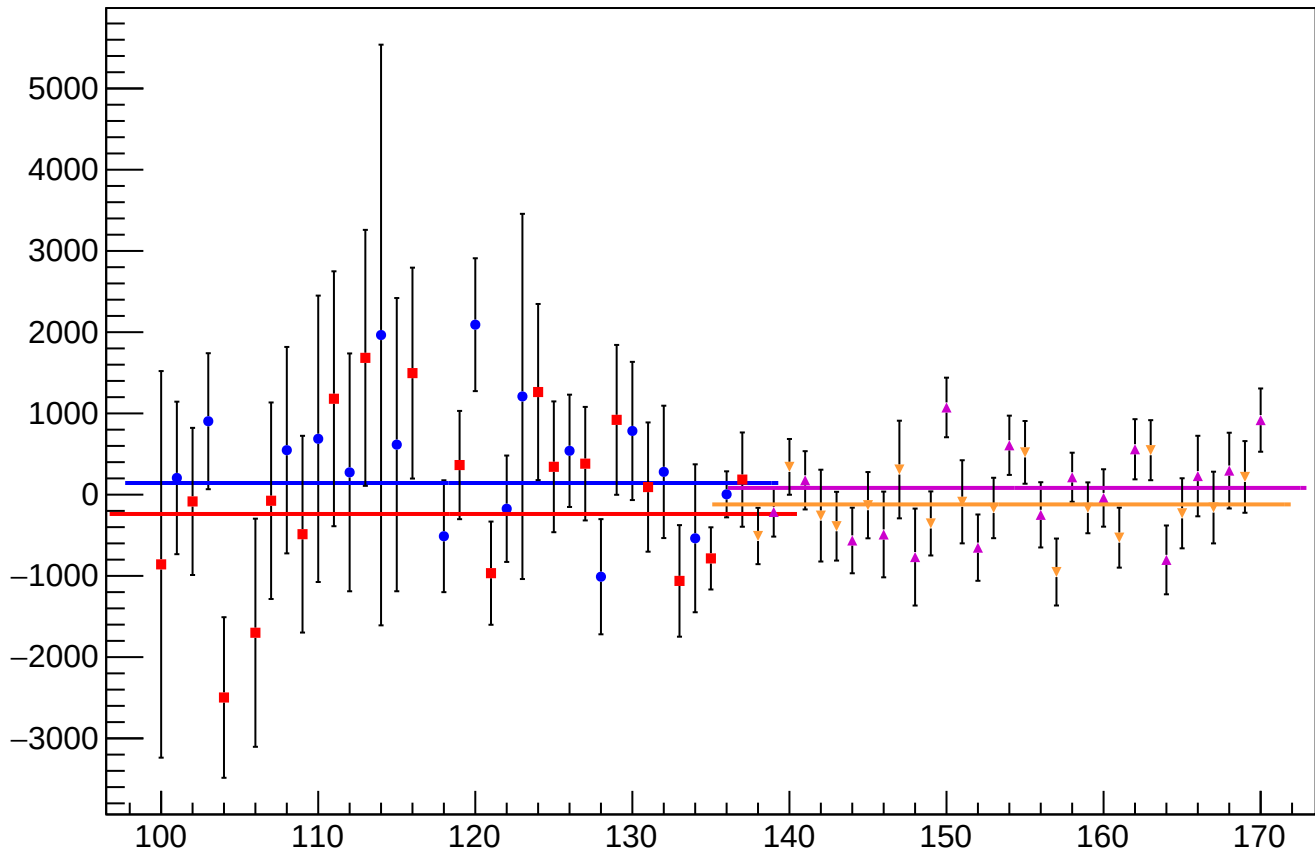
Left In: 337.825+/-0.068 χ^2/NDF : 684070.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.087+/-0.048 χ^2/NDF : 1178542.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -120.059 $\pm$ 97.651 χ^2 /NDF:16.4/16

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

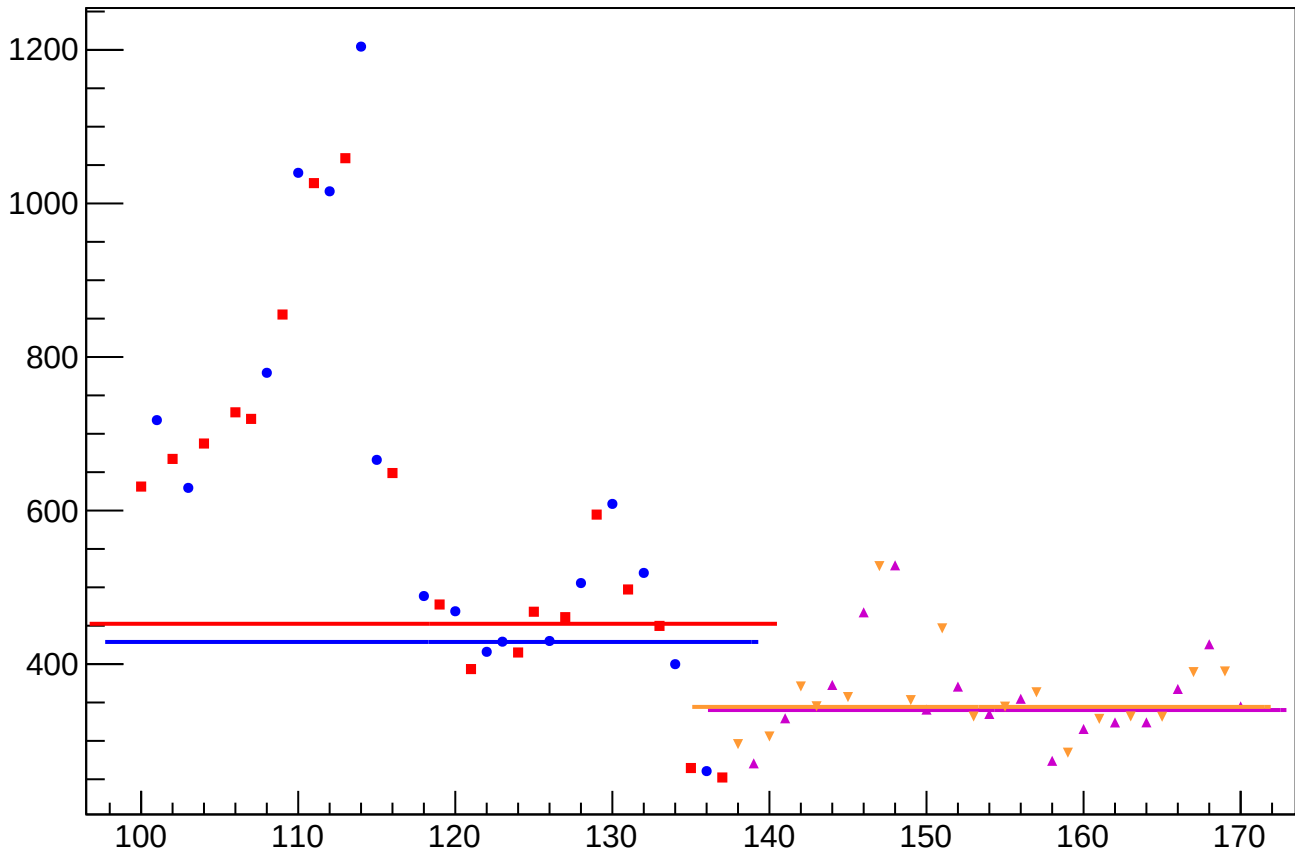
Left In: 82.891 $\pm$ 97.401 χ^2 /NDF:31.3/15

+ sign -59.737 $\pm$ 85.751 χ^2 /NDF: 30.9/33

All: -23.664 $\pm$ 60.752 χ^2 /NDF: 86.6/68

- sign 12.690 $\pm$ 86.084 χ^2 /NDF: 55.4/34

asym_sam1_rms vs Slug



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

Left Out: 344.261+/-0.069 χ^2/NDF : 467435.4/16

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

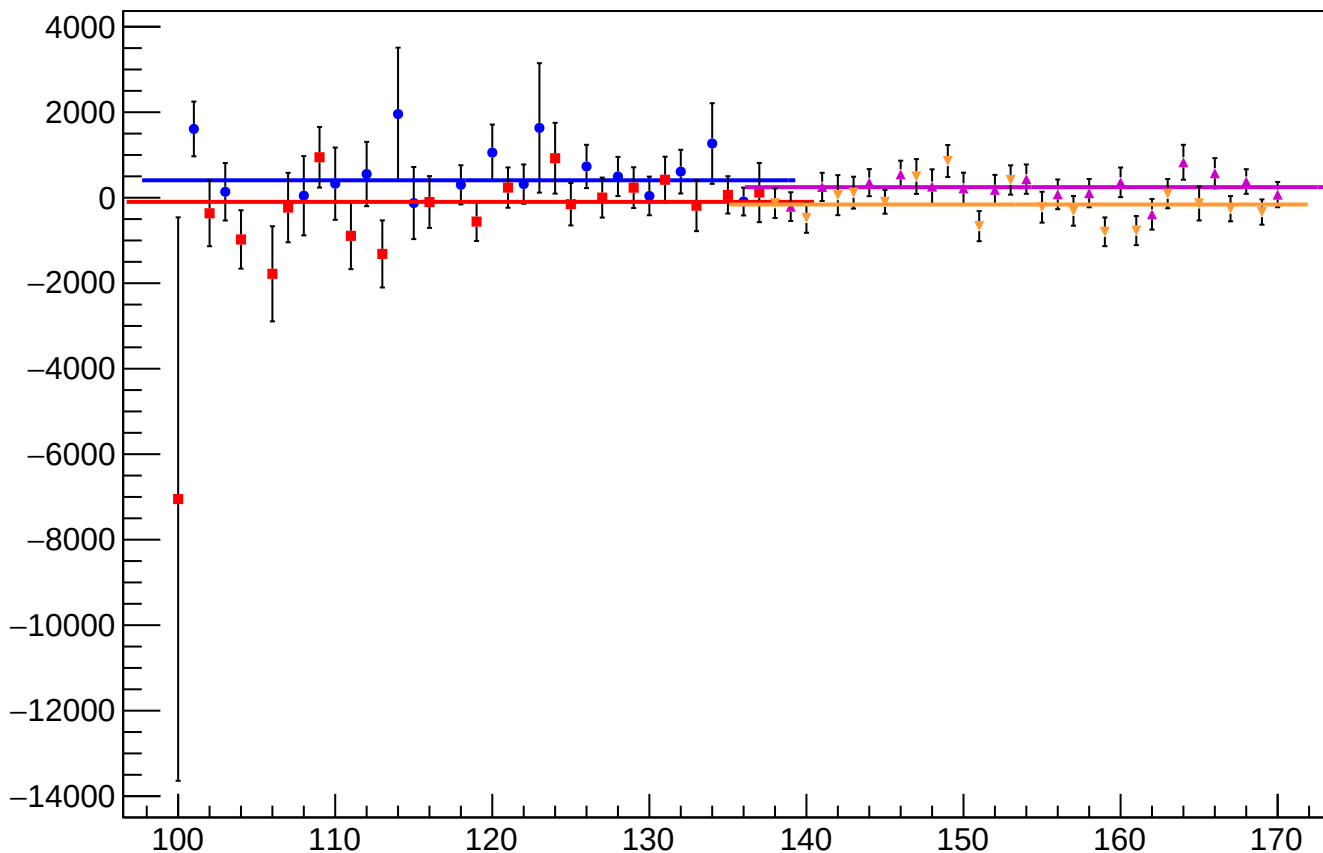
Left In: 340.175+/-0.069 χ^2/NDF : 635886.7/15

+ sign 363.624+/-0.061 χ^2/NDF : 2823307.6/33

All: 364.192+/-0.043 χ^2/NDF : 6081005.0/68

- sign 364.766+/-0.061 χ^2/NDF : 3257520.8/34

dit_asym_sam2_mean vs Slug



Right In: 407.640 $\pm$ 139.972 χ^2 /NDF: 11.4/16

Left Out: -159.029 $\pm$ 83.799 χ^2 /NDF:24.5/16

Right Out: -96.852 $\pm$ 139.191 χ^2 /NDF: 15.6/18

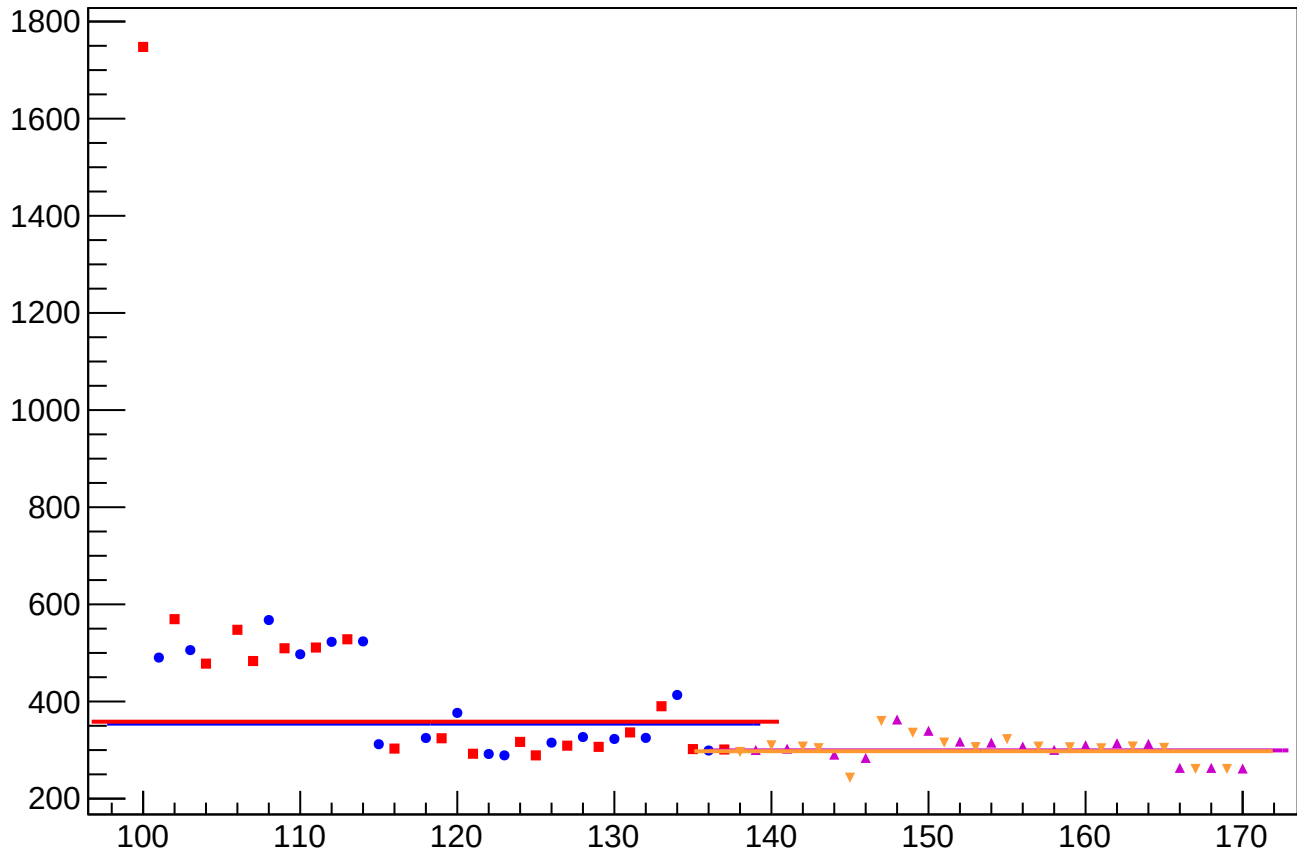
Left In: 247.212 $\pm$ 84.796 χ^2 /NDF:10.3/15

+ sign -9.510 $\pm$ 71.899 χ^2 /NDF: 48.0/33

All: 71.700 $\pm$ 51.022 χ^2 /NDF: 80.9/68

- sign 154.083 $\pm$ 72.416 χ^2 /NDF: 30.3/34

dit_asym_sam2_rms vs Slug



Right In: 354.426+/-0.099 χ^2/NDF : 636260.3/16

Left Out: 297.682+/-0.059 χ^2/NDF : 230963.4/16

Right Out: 358.422+/-0.098 χ^2/NDF : 879426.8/18

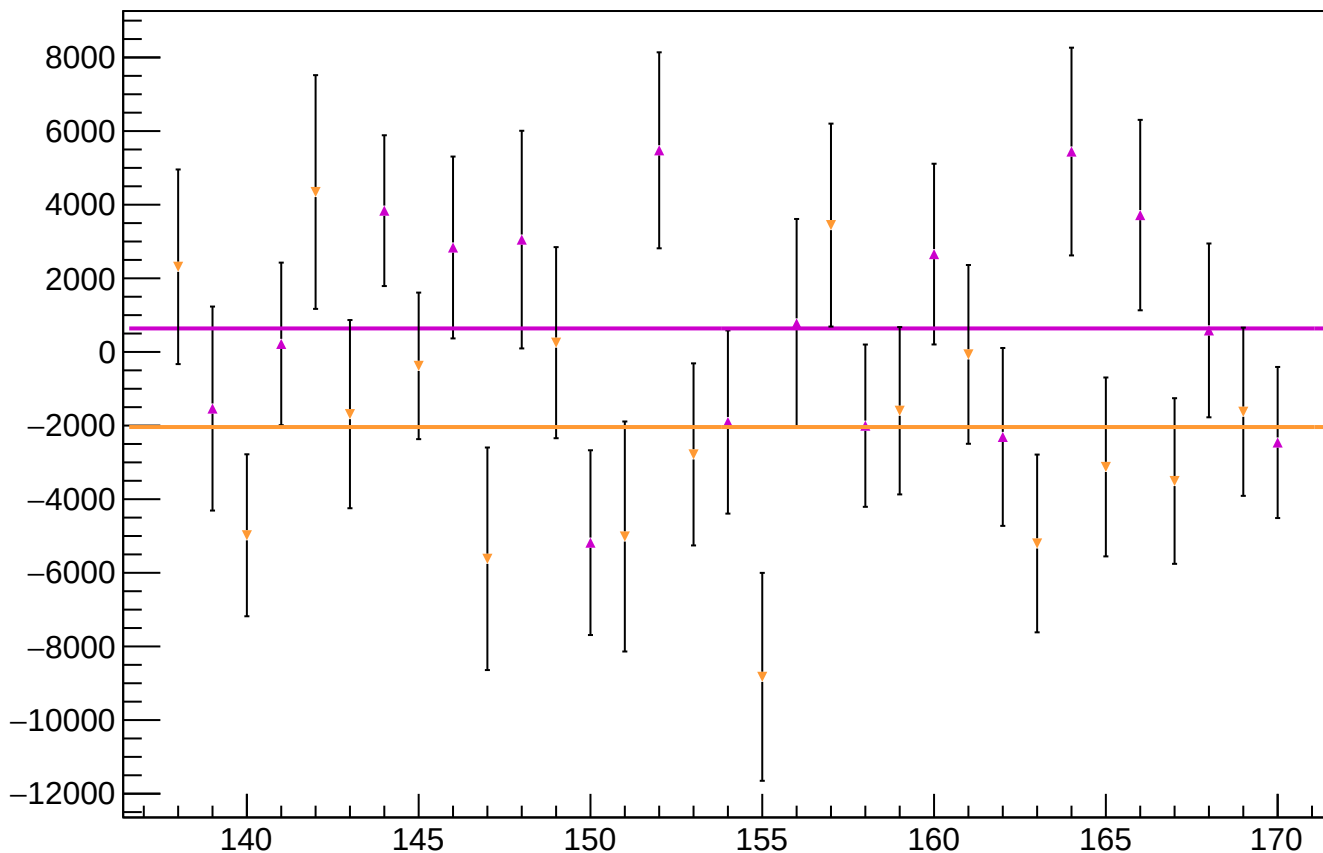
Left In: 299.304+/-0.060 χ^2/NDF : 182693.8/15

+ sign 312.654+/-0.051 χ^2/NDF : 1109186.0/33

All: 313.971+/-0.036 χ^2/NDF : 2435783.5/68

- sign 315.306+/-0.051 χ^2/NDF : 1325247.3/34

asym_sam2_correction_mean vs Slug



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

Left Out: -2039.865 $\pm$ 605.413 χ^2 /NDF:25.2/16

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

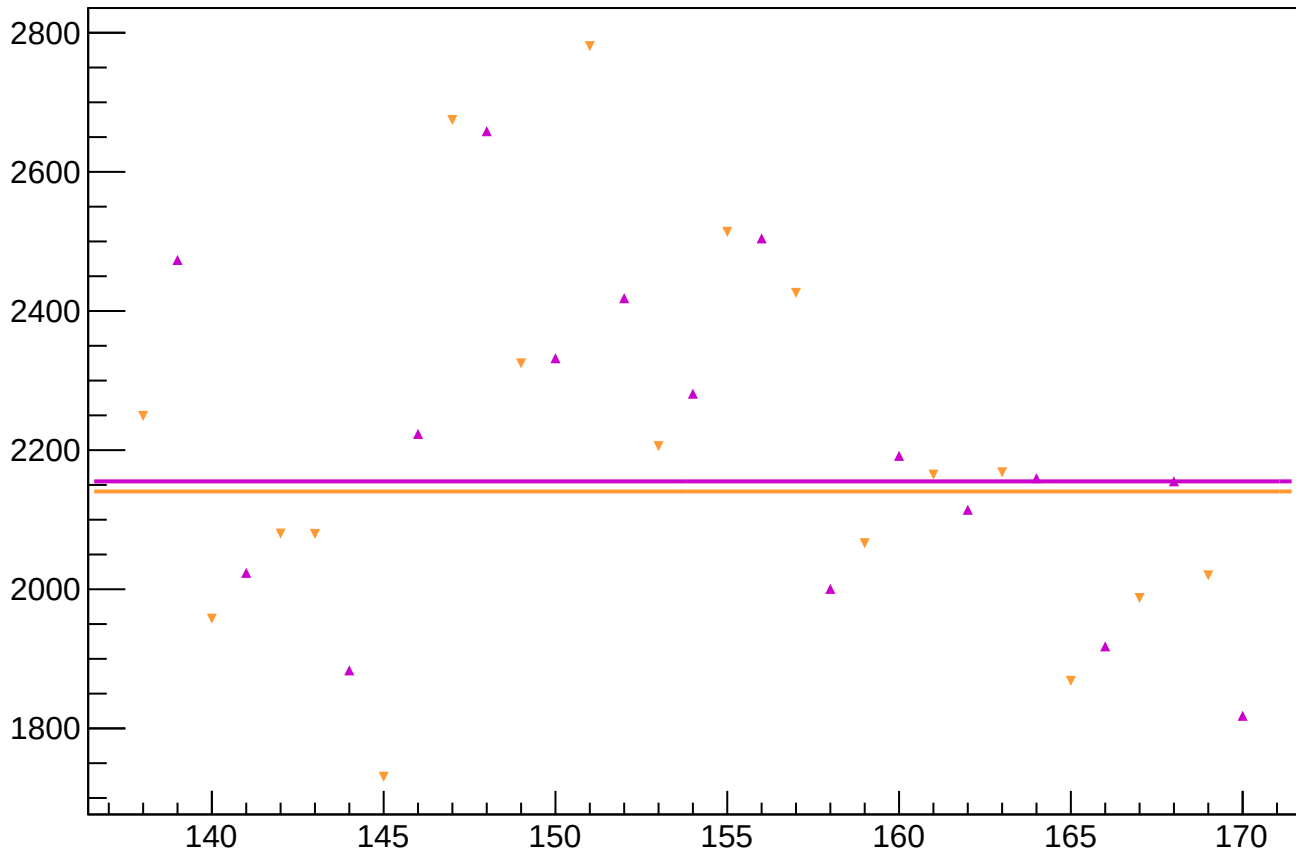
Left In: 638.603 $\pm$ 611.696 χ^2 /NDF:24.5/15

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

All: -714.457 $\pm$ 430.296 χ^2 /NDF: 59.4/32

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

asym_sam2_correction_rms vs Slug



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

Left Out: 2140.618+/-0.428 χ^2/NDF : 360707.2/16

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

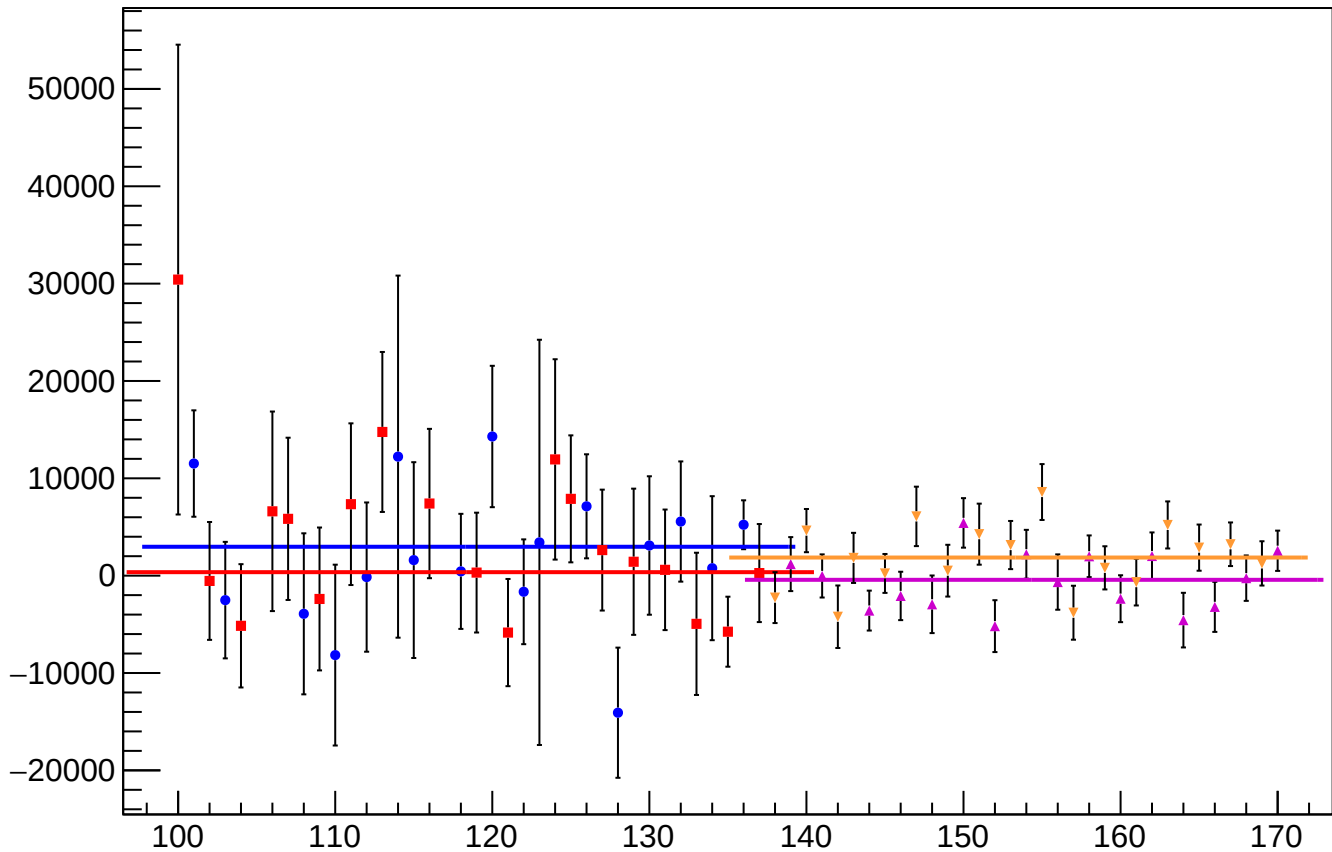
Left In: 2155.110+/-0.433 χ^2/NDF : 274719.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2147.789+/-0.304 χ^2/NDF : 635993.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 1862.760 $\pm$ 605.027 χ^2 /NDF: 24.9/16

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

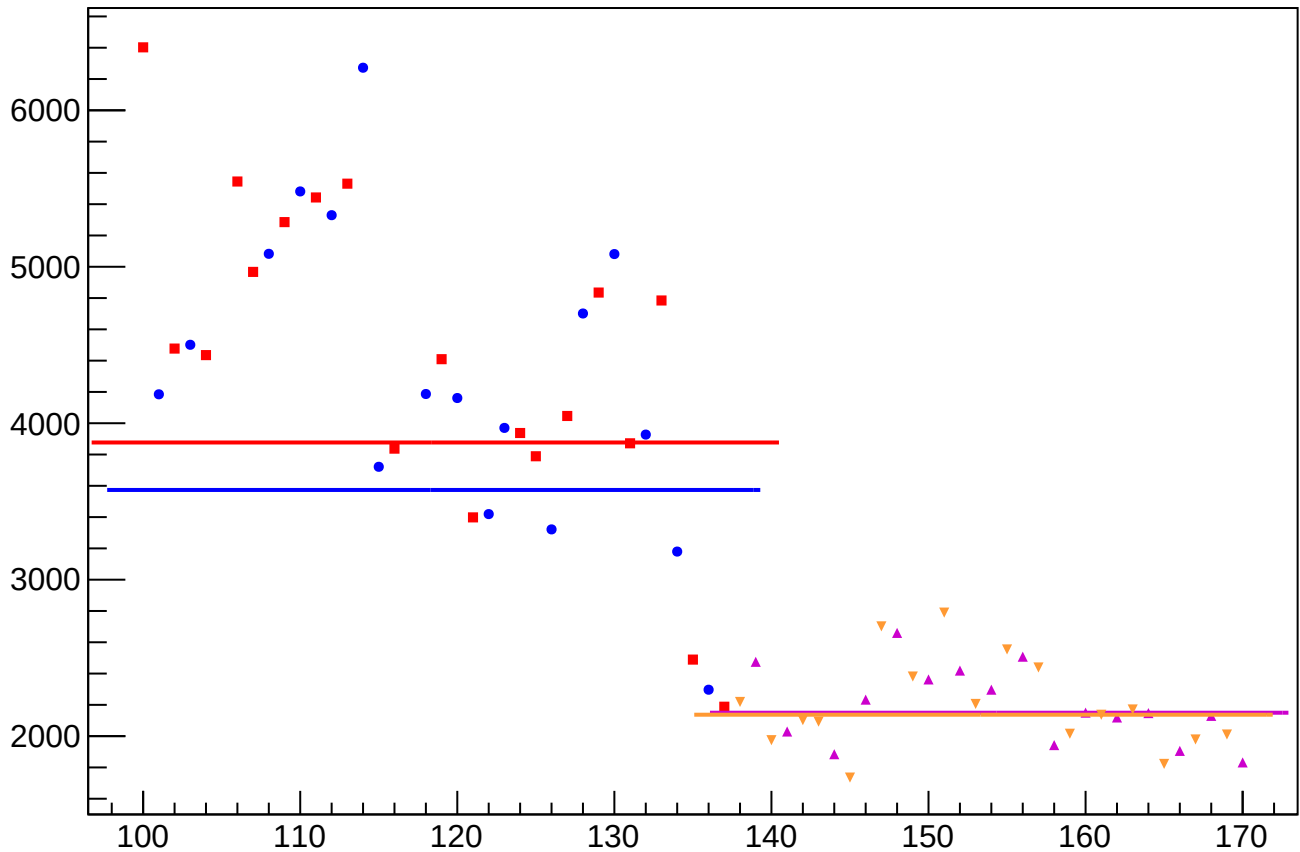
Left In: -427.023 $\pm$ 610.539 χ^2 /NDF: 21.9/15

+ sign 2028.669 $\pm$ 557.821 χ^2 /NDF: 42.8/33

All: 872.998 $\pm$ 397.253 χ^2 /NDF: 88.9/68

- sign -316.252 $\pm$ 565.867 χ^2 /NDF: 37.5/34

asym_sam2_rms vs Slug



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

Left Out: 2137.001+/-0.428 χ^2/NDF : 391482.1/16

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

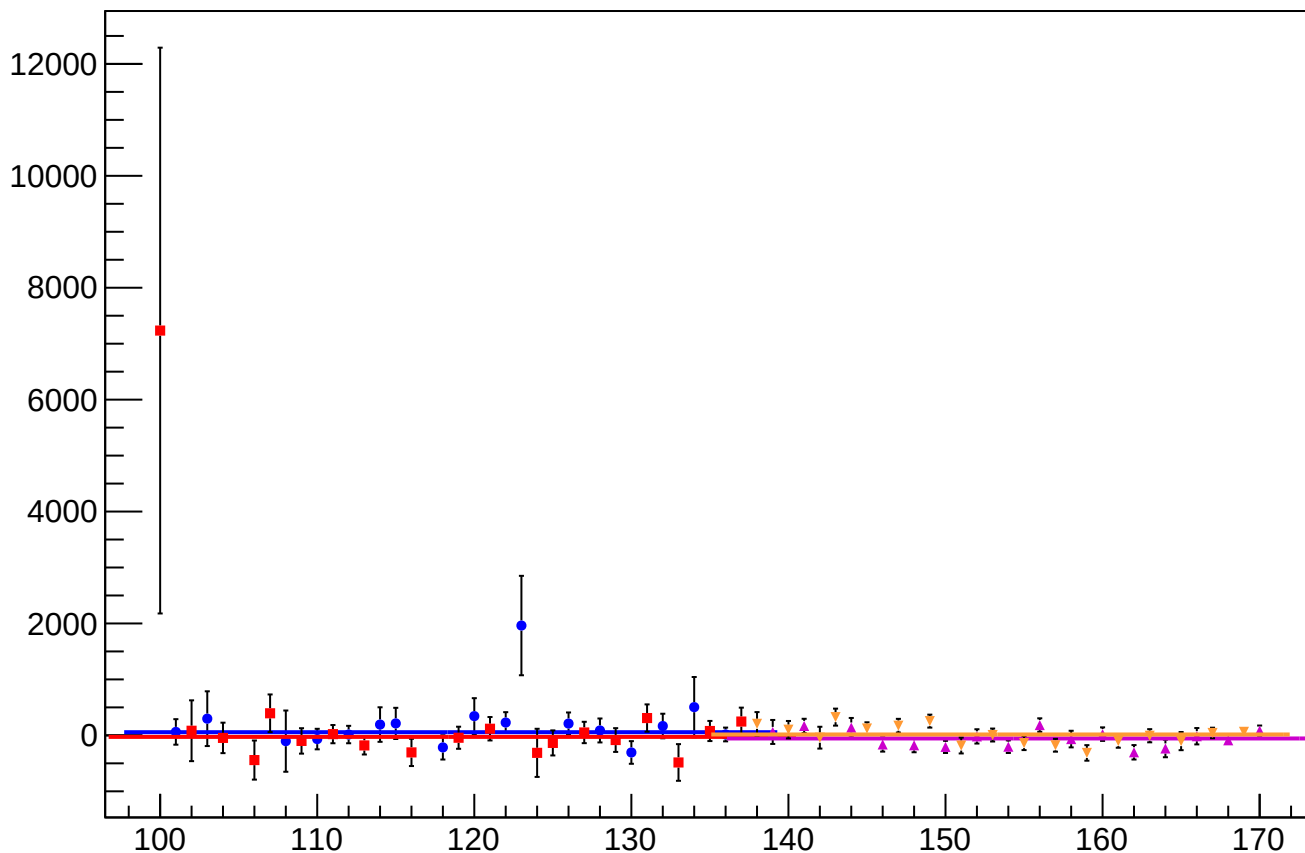
Left In: 2149.709+/-0.432 χ^2/NDF : 285978.6/15

+ sign 2352.411+/-0.394 χ^2/NDF : 3170820.4/33

All: 2372.521+/-0.281 χ^2/NDF : 6707091.1/68

- sign 2393.215+/-0.400 χ^2/NDF : 3530996.7/34

dit_asym_sam3_mean vs Slug



Right In: 56.595+/-53.880 χ^2/NDF : 14.1/16

Left Out: 15.903+/-29.995 χ^2/NDF : 26.1/16

Right Out: -27.299+/-54.033 χ^2/NDF : 14.3/18

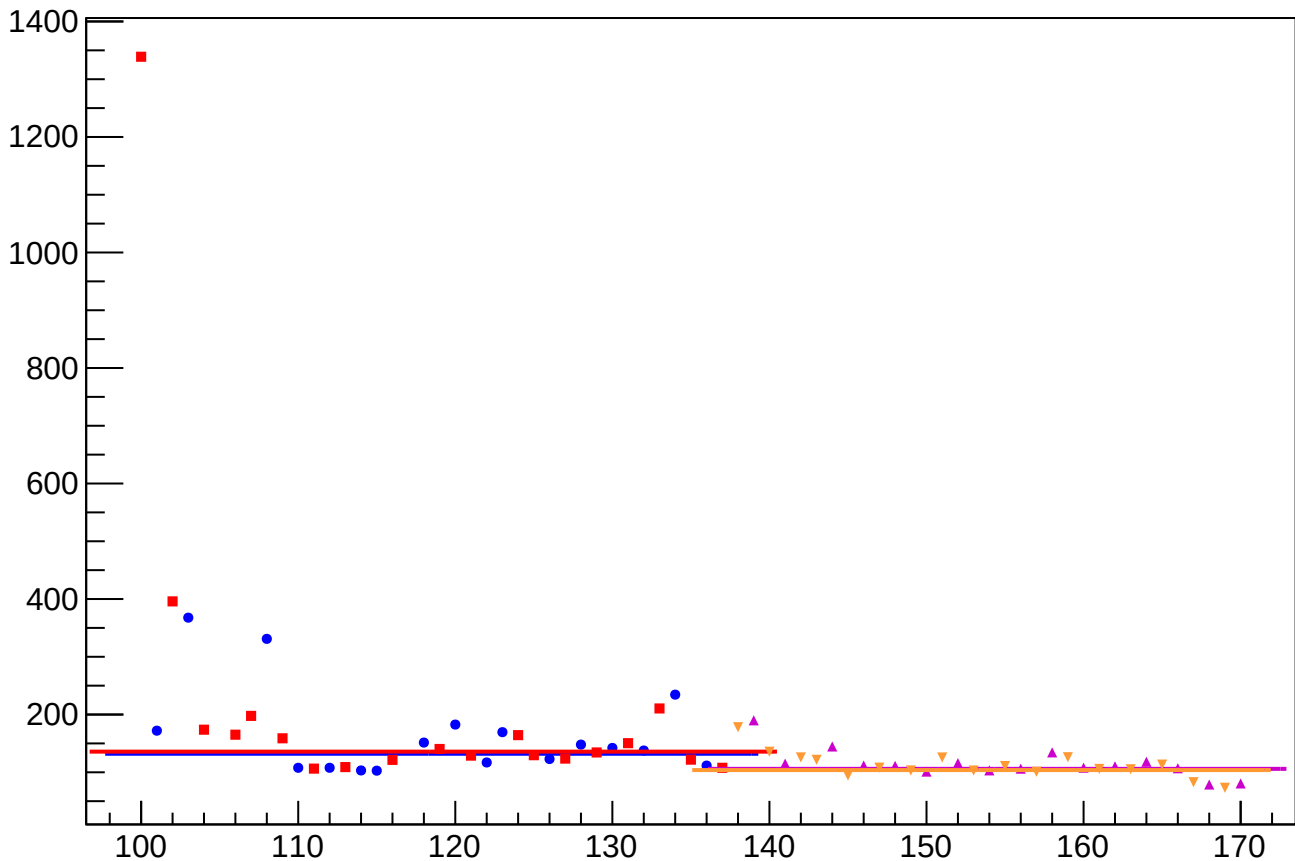
Left In: -55.504+/-30.869 χ^2/NDF : 21.9/15

+ sign 25.530+/-26.207 χ^2/NDF : 40.6/33

All: -10.685+/-18.738 χ^2/NDF : 80.8/68

- sign -48.564+/-26.803 χ^2/NDF : 36.3/34

dit_asym_sam3_rms vs Slug



Right In: 132.104 $\pm$ 0.038 χ^2 /NDF: 1144612.1/16

Left Out: 103.847 $\pm$ 0.021 χ^2 /NDF: 890374.5/16

Right Out: 135.773 $\pm$ 0.038 χ^2 /NDF: 1009635.6/18

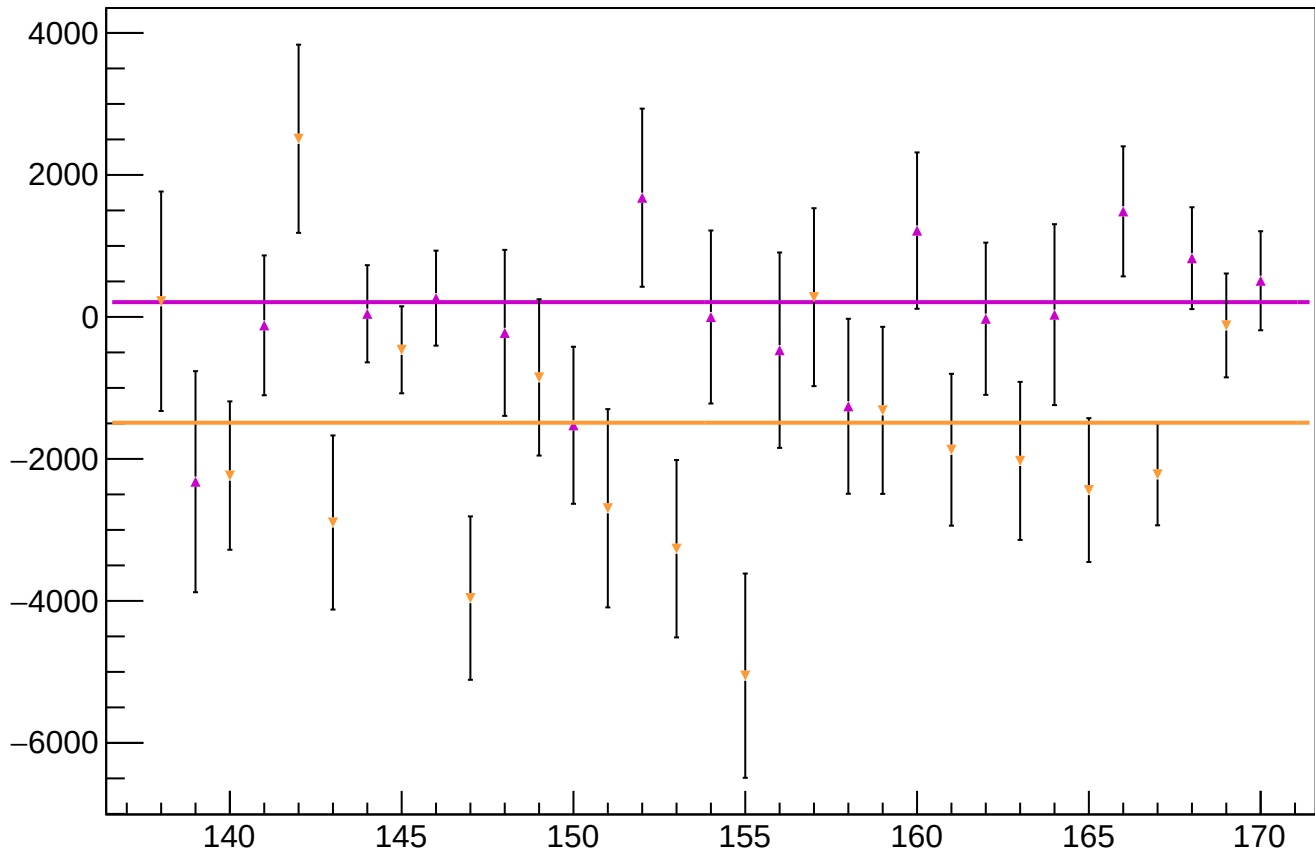
Left In: 105.974 $\pm$ 0.022 χ^2 /NDF: 881022.7/15

+ sign 110.532 $\pm$ 0.019 χ^2 /NDF: 2454925.4/33

All: 111.888 $\pm$ 0.013 χ^2 /NDF: 4815163.9/68

- sign 113.306 $\pm$ 0.019 χ^2 /NDF: 2349282.6/34

asym_sam3_correction_mean vs Slug



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

Left Out: -1490.175 $\pm$ 247.857 χ^2 /NDF:36.6/16

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

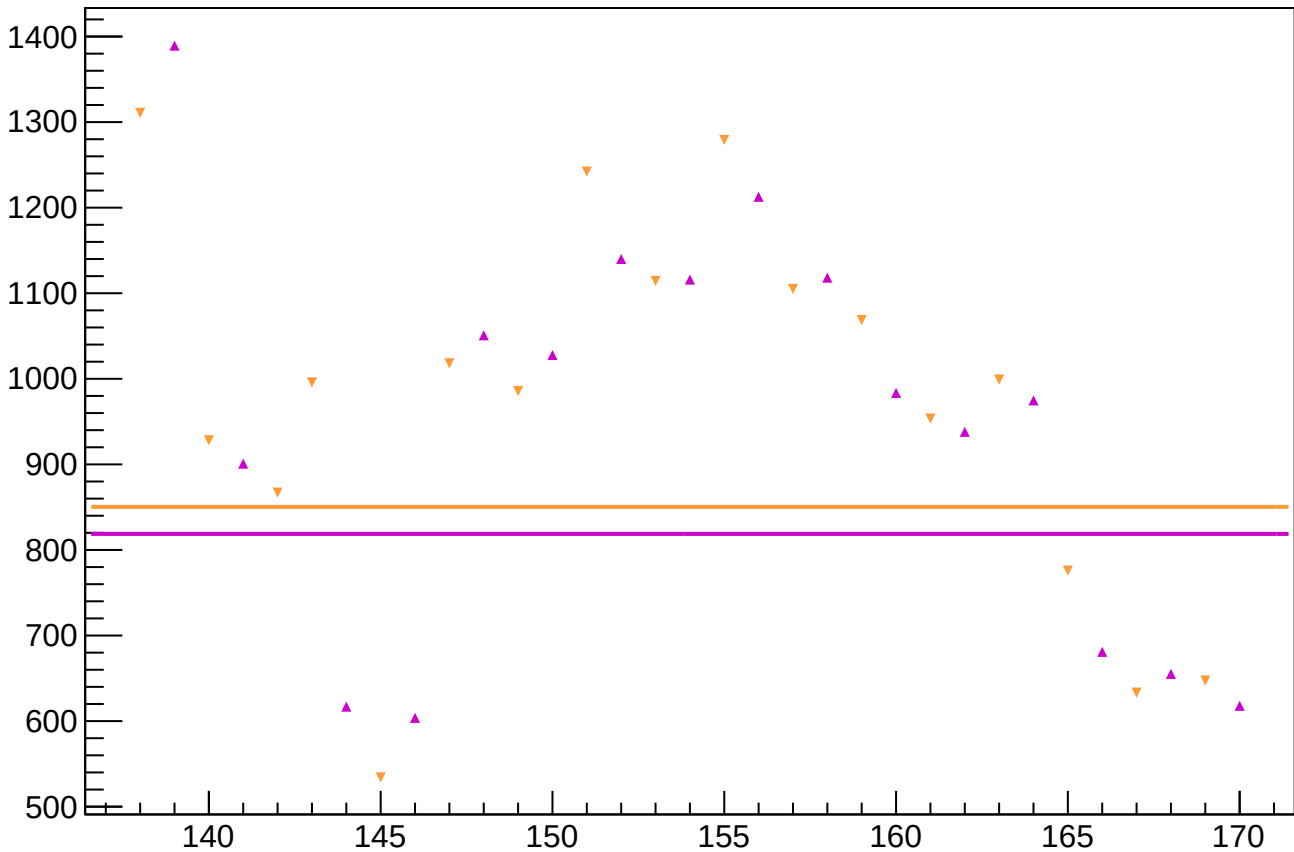
Left In: 208.122 $\pm$ 240.021 χ^2 /NDF:12.3/15

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

All: -613.758 $\pm$ 172.424 χ^2 /NDF: 73.1/32

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

asym_sam3_correction_rms vs Slug



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

Left Out: 850.364+/-0.175 χ^2/NDF :1800600.0/16

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

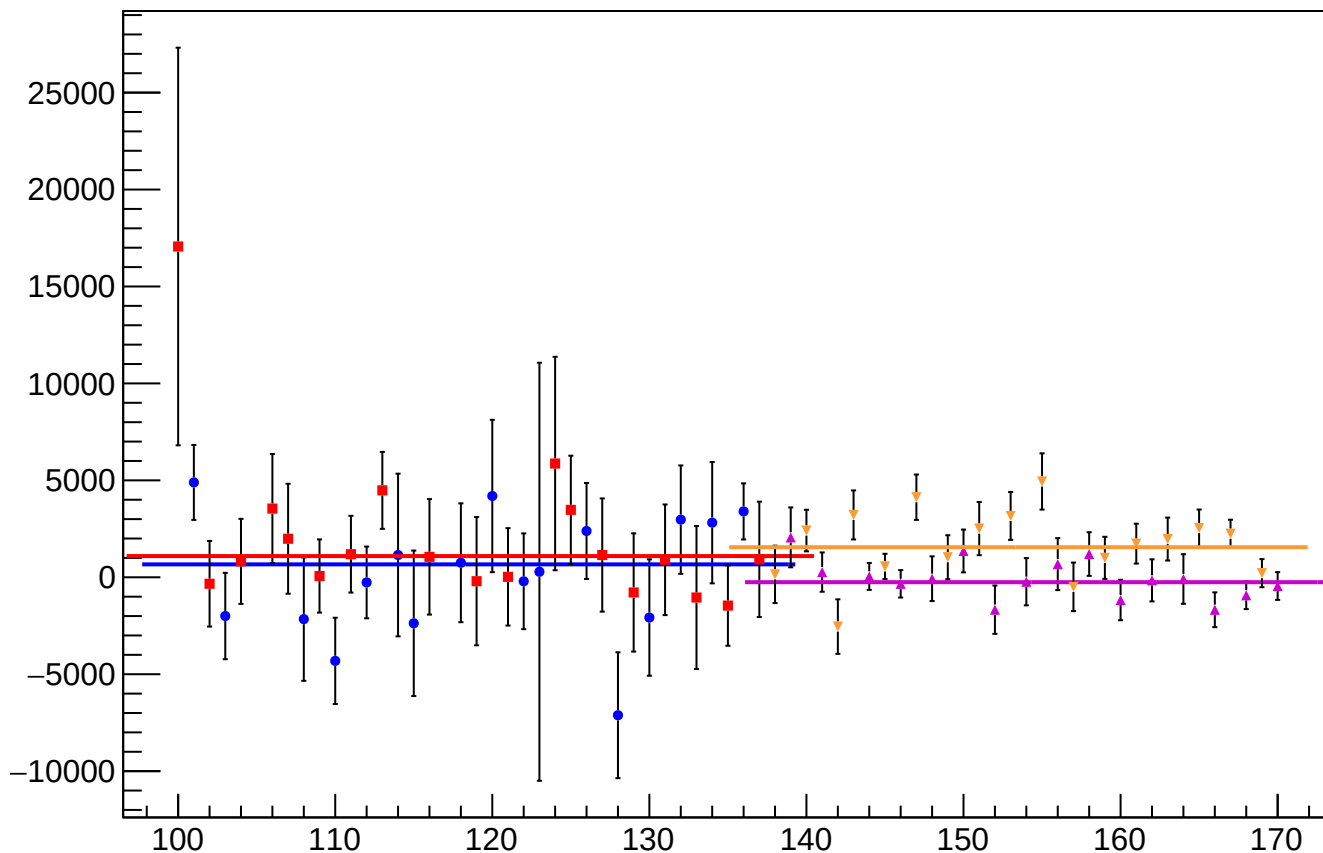
Left In: 818.771+/-0.170 χ^2/NDF :1760202.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.060+/-0.122 χ^2/NDF : 3577571.6/32

- 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: 1552.502 ± 248.767 χ^2/NDF : 35.3/16

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

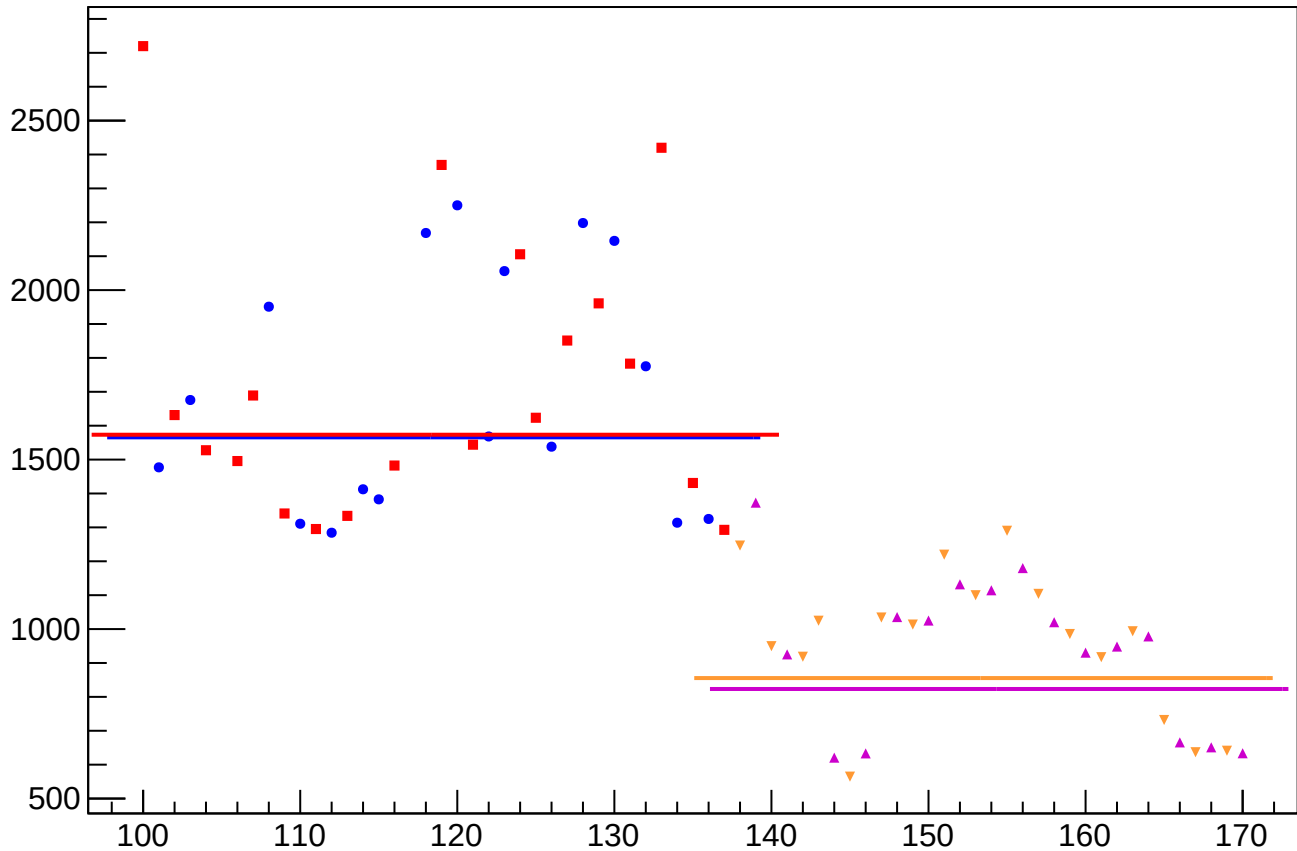
Left In: -252.149 ± 240.810 χ^2/NDF : 12.6/15

+ sign 1429.239 ± 230.816 χ^2/NDF : 62.7/33

All: 657.548 ± 160.606 χ^2/NDF : 112.2/68

- sign -66.761 ± 223.618 χ^2/NDF : 27.9/34

asym_sam3_rms vs Slug



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 855.459 $\pm$ 0.176 χ^2 /NDF: 1617219.3/16

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

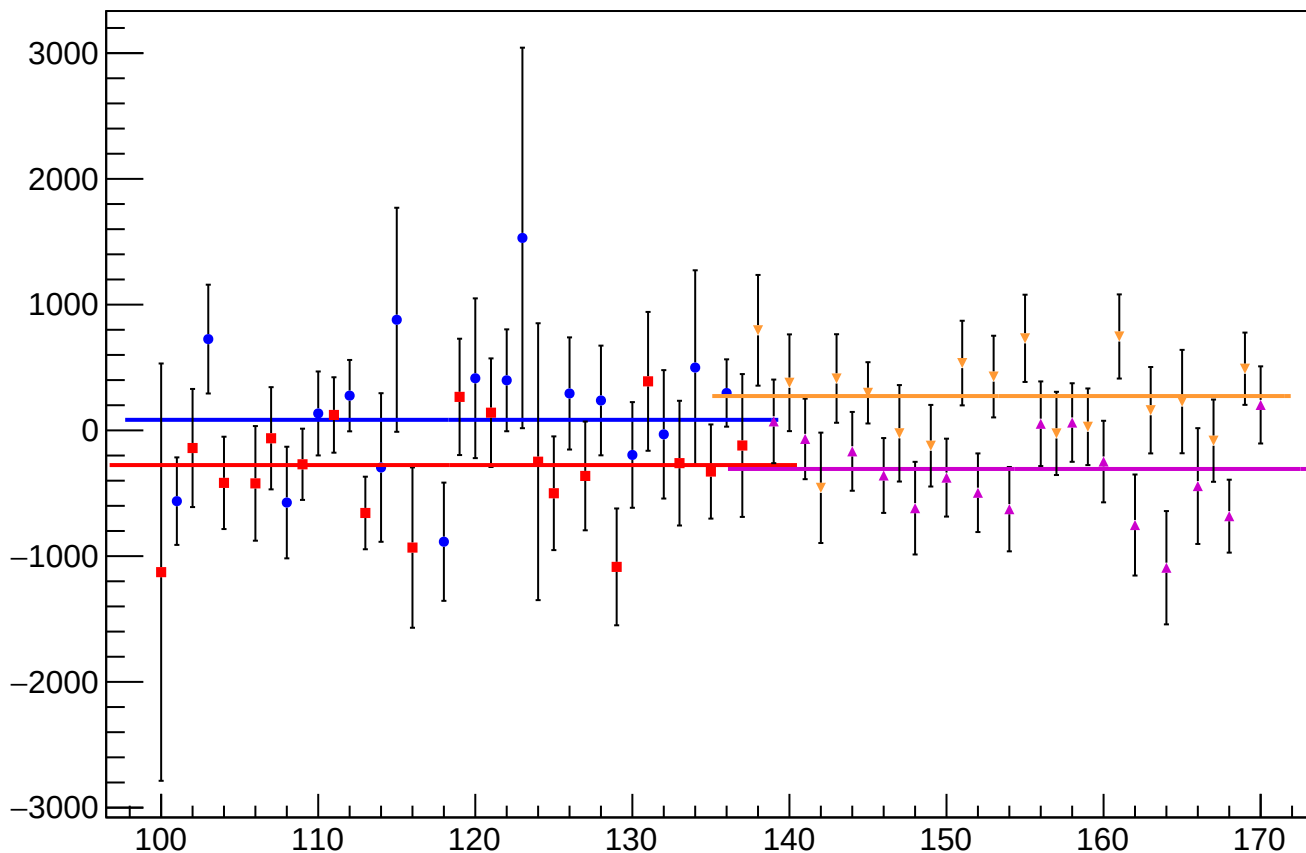
Left In: 823.265 $\pm$ 0.170 χ^2 /NDF: 1558819.8/15

+ sign 954.254 $\pm$ 0.163 χ^2 /NDF: 4375450.2/33

All: 939.961 $\pm$ 0.114 χ^2 /NDF: 9083067.6/68

- sign 926.545 $\pm$ 0.158 χ^2 /NDF: 4692749.6/34

dit_asym_sam4_mean vs Slug



Right In: 83.935 $\pm$ 103.619 χ^2 /NDF: 17.3/16

Left Out: 273.025 $\pm$ 81.750 χ^2 /NDF:14.4/16

Right Out: -275.803 $\pm$ 97.798 χ^2 /NDF: 12.6/18

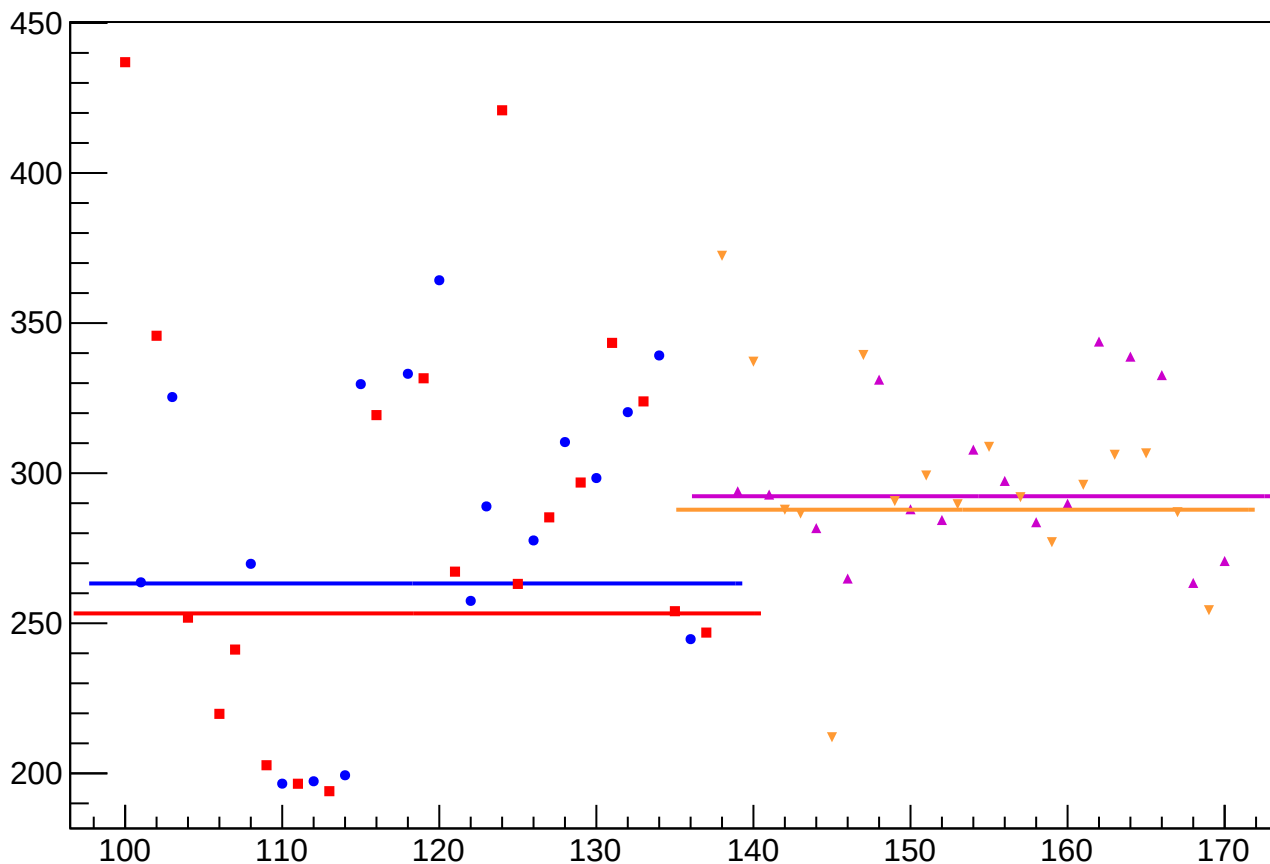
Left In: -306.794 $\pm$ 83.298 χ^2 /NDF:15.5/15

+ sign 200.481 $\pm$ 64.180 χ^2 /NDF: 33.8/33

All: -49.611 $\pm$ 45.109 χ^2 /NDF: 92.0/68

- sign -293.764 $\pm$ 63.414 χ^2 /NDF: 28.2/34

dit_asym_sam4_rms vs Slug



Right In: 263.262 $\pm$ 0.073 χ^2 /NDF: 452757.7/16

Left Out: 287.832 $\pm$ 0.058 χ^2 /NDF: 387292.9/16

Right Out: 253.283 $\pm$ 0.069 χ^2 /NDF: 585121.8/18

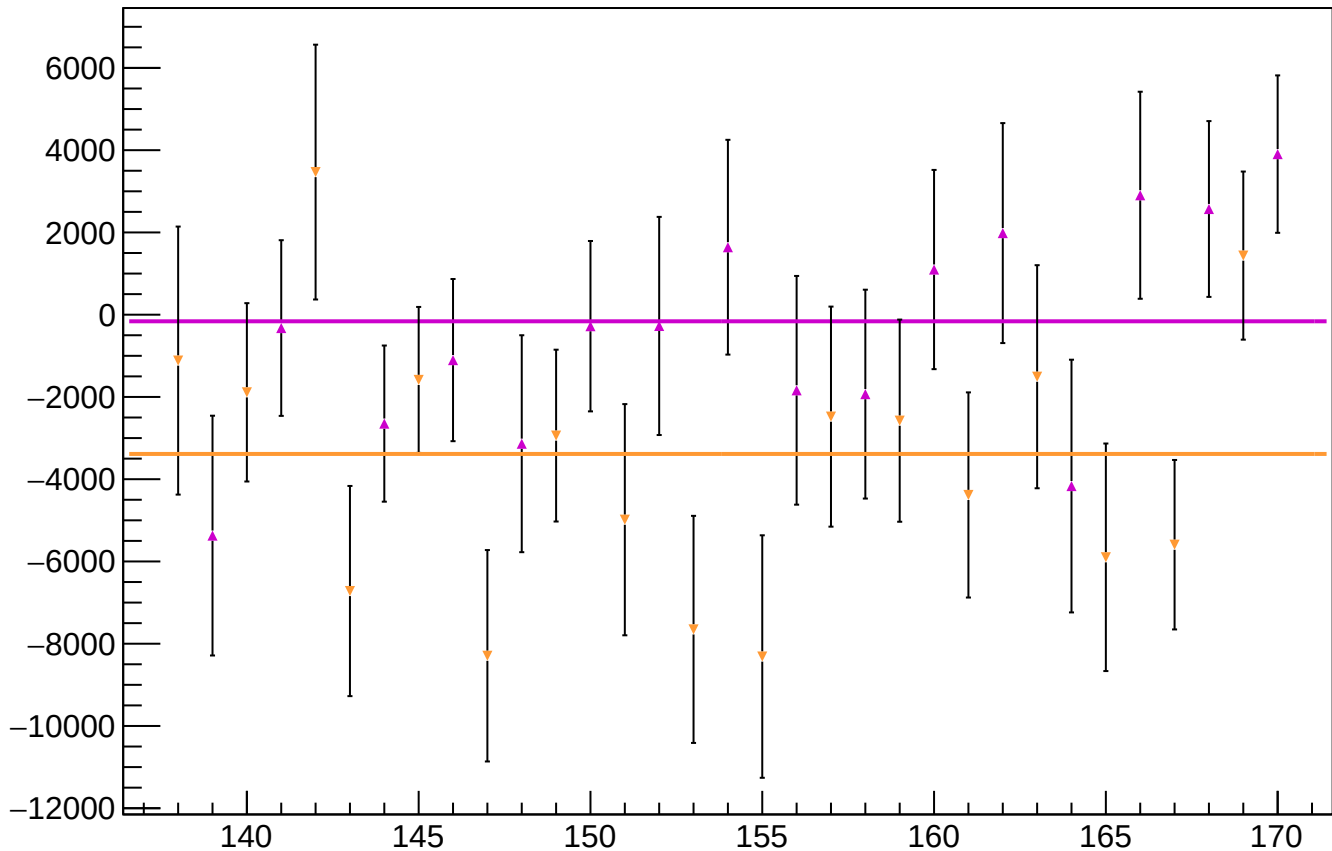
Left In: 292.320 $\pm$ 0.059 χ^2 /NDF: 148918.1/15

+ sign 278.406 $\pm$ 0.045 χ^2 /NDF: 909360.1/33

All: 277.142 $\pm$ 0.032 χ^2 /NDF: 1829611.1/68

- sign 275.907 $\pm$ 0.045 χ^2 /NDF: 918716.3/34

asym_sam4_correction_mean vs Slug



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

Left Out: -3385.837+/-593.095 χ^2/NDF : 26.2/16

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

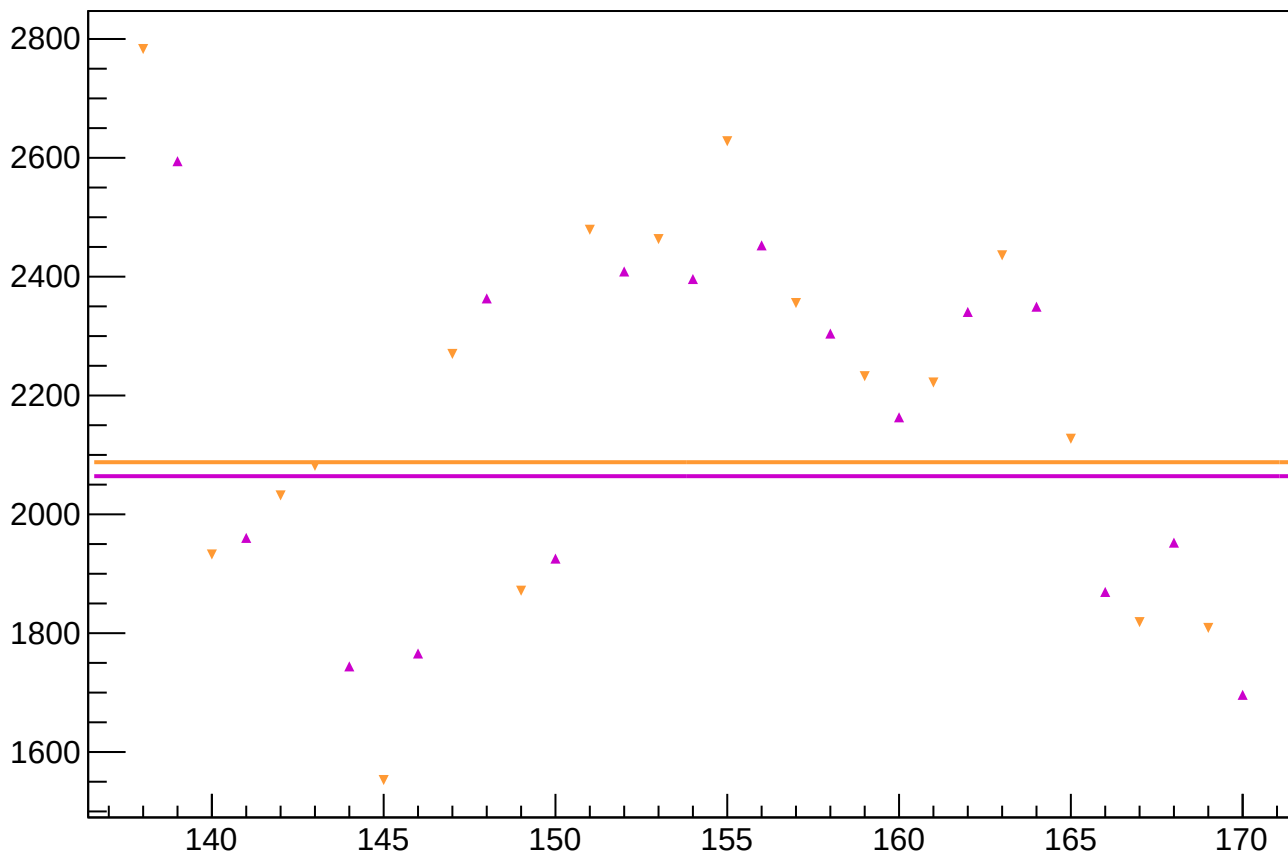
Left In: -160.554+/-588.474 χ^2/NDF : 18.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1760.583+/-417.738 χ^2/NDF : 59.1/32

- 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: 2087.744+/-0.419 χ^2/NDF : 595612.6/16

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

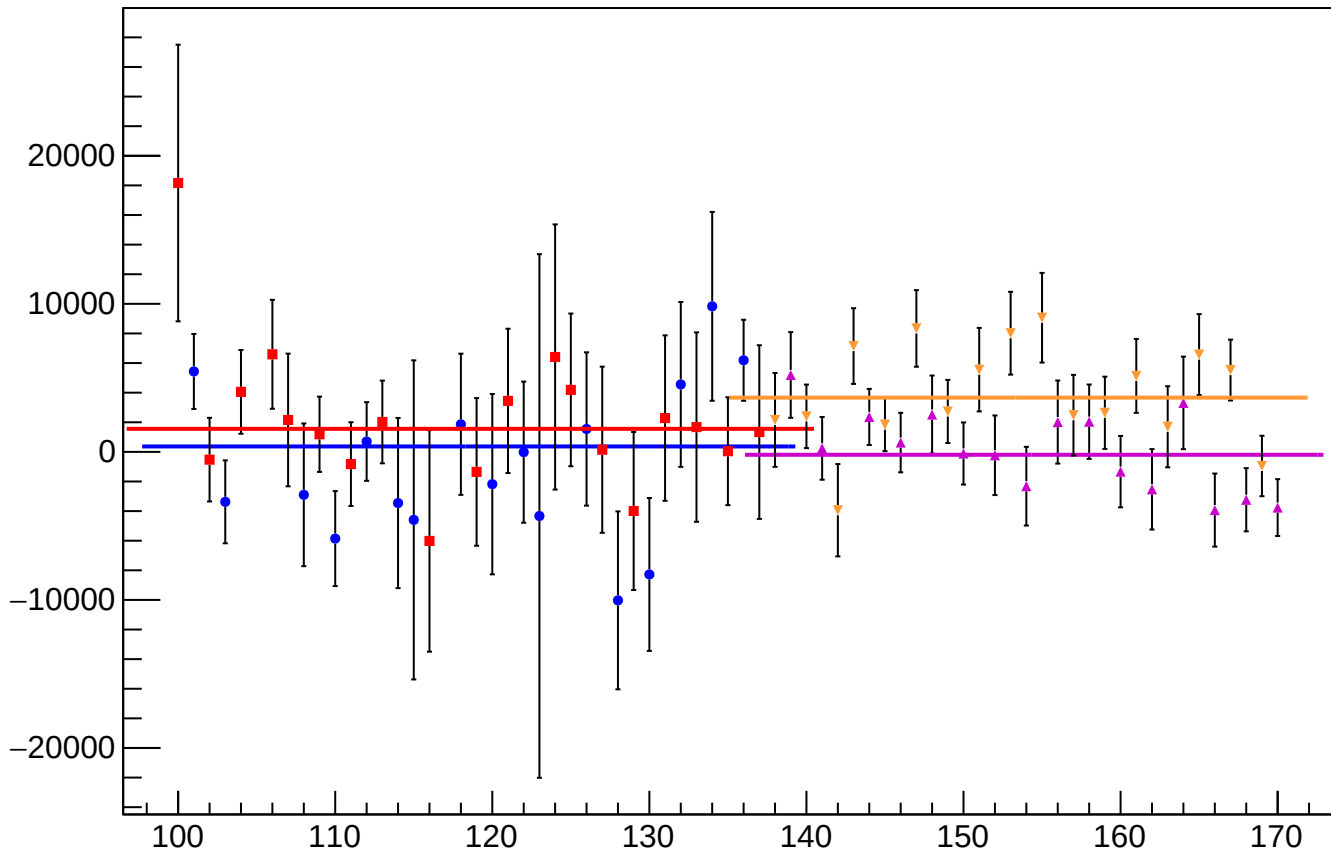
Left In: 2064.223+/-0.416 χ^2/NDF : 464541.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.891+/-0.295 χ^2/NDF : 1061738.8/32

- 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: 3664.425 ± 595.355 χ^2/NDF : 27.2/16

Right Out: 1557.388 ± 924.003 χ^2/NDF : 10.5/18

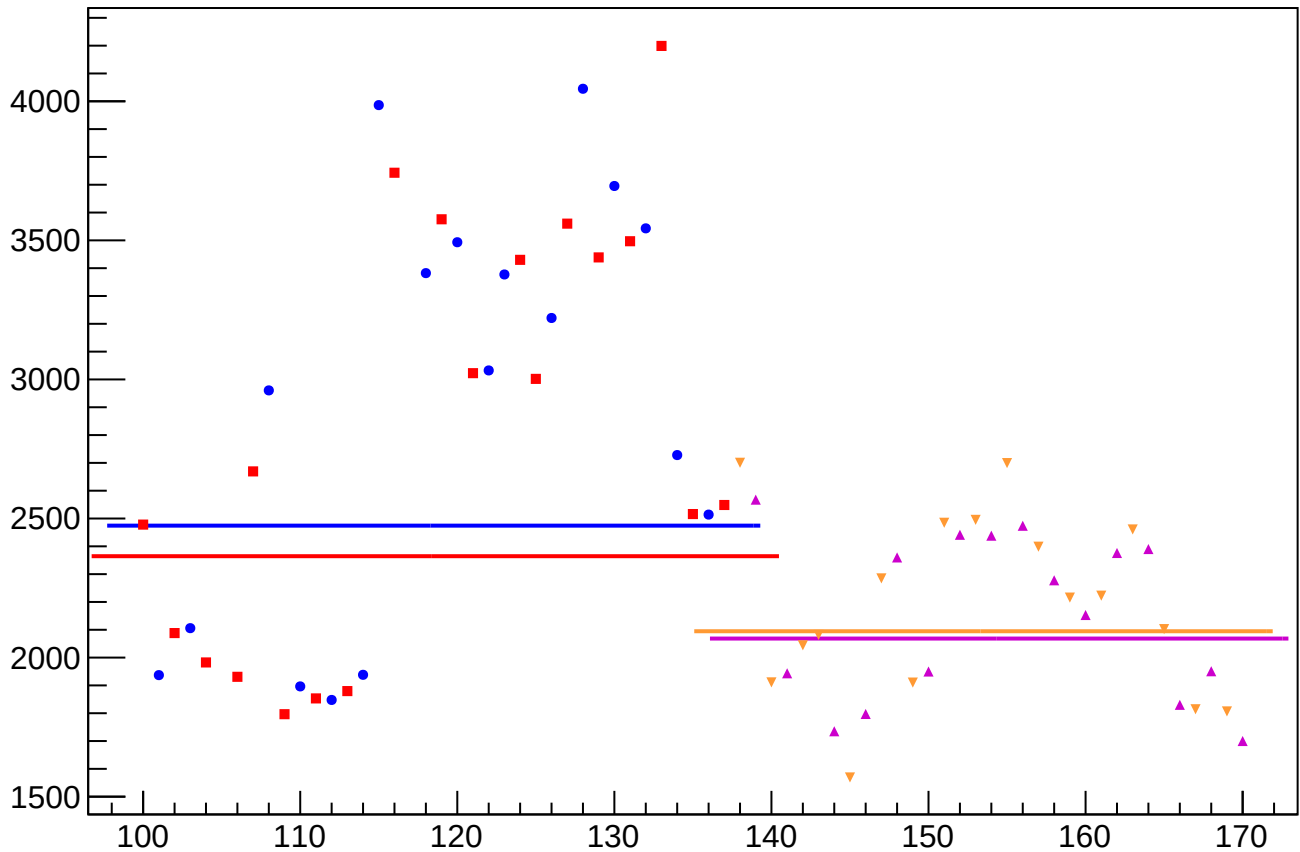
Left In: -196.516 ± 590.248 χ^2/NDF : 18.6/15

+ sign 2791.720 ± 510.543 χ^2/NDF : 59.5/33

All: 1519.467 ± 356.279 χ^2/NDF : 103.3/68

- sign 311.770 ± 497.421 χ^2/NDF : 31.7/34

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2094.716+/-0.421 χ^2/NDF : 592236.3/16

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

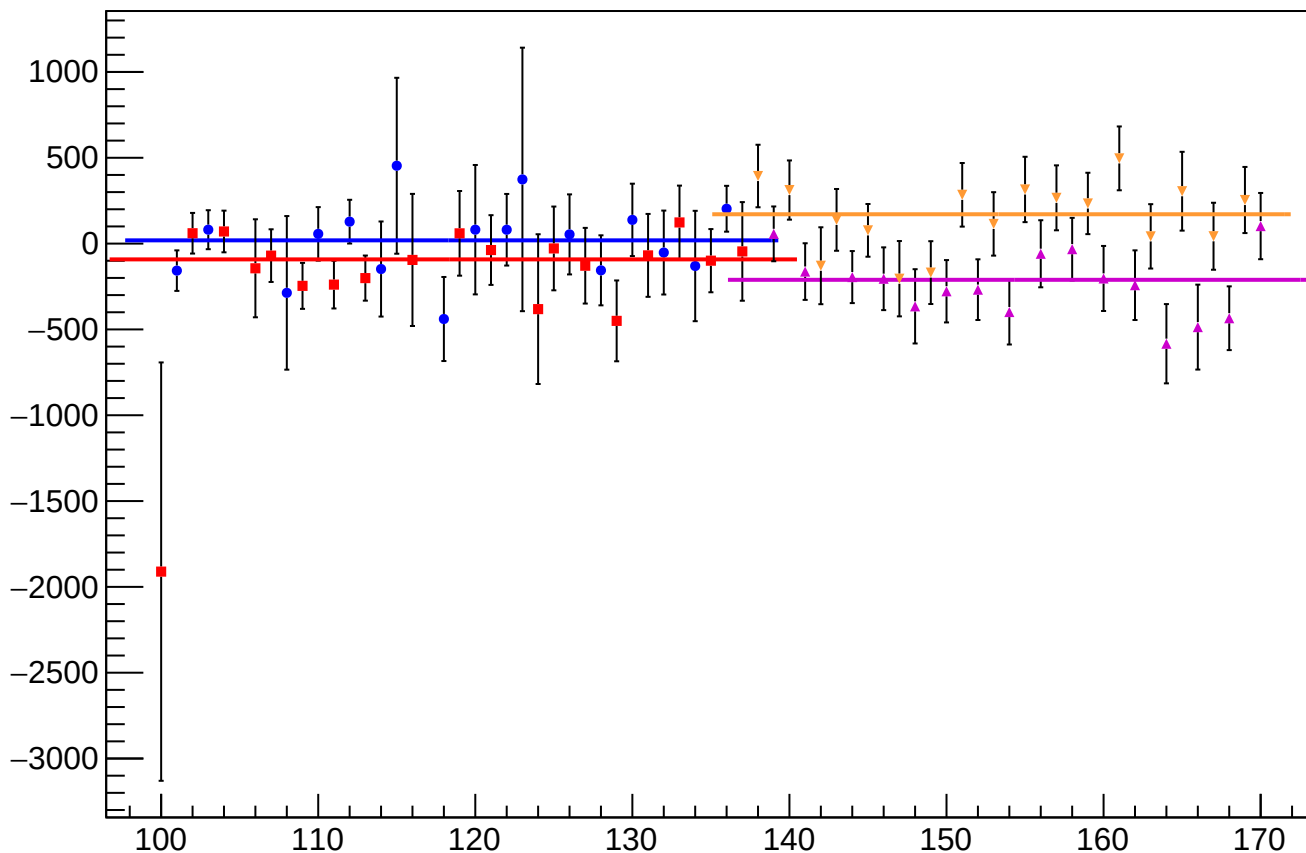
Left In: 2068.409+/-0.417 χ^2/NDF : 476408.6/15

+ sign 2195.184+/-0.361 χ^2/NDF : 1713736.3/33

All: 2174.168+/-0.252 χ^2/NDF : 3366013.1/68

- sign 2154.219+/-0.352 χ^2/NDF : 1645671.0/34

dit_asym_sam5_mean vs Slug



Right In: 18.930 ± 46.147 χ^2/NDF : 12.0/16

Left Out: 170.965 ± 45.534 χ^2/NDF : 16.7/16

Right Out: -91.993 ± 42.693 χ^2/NDF : 13.2/18

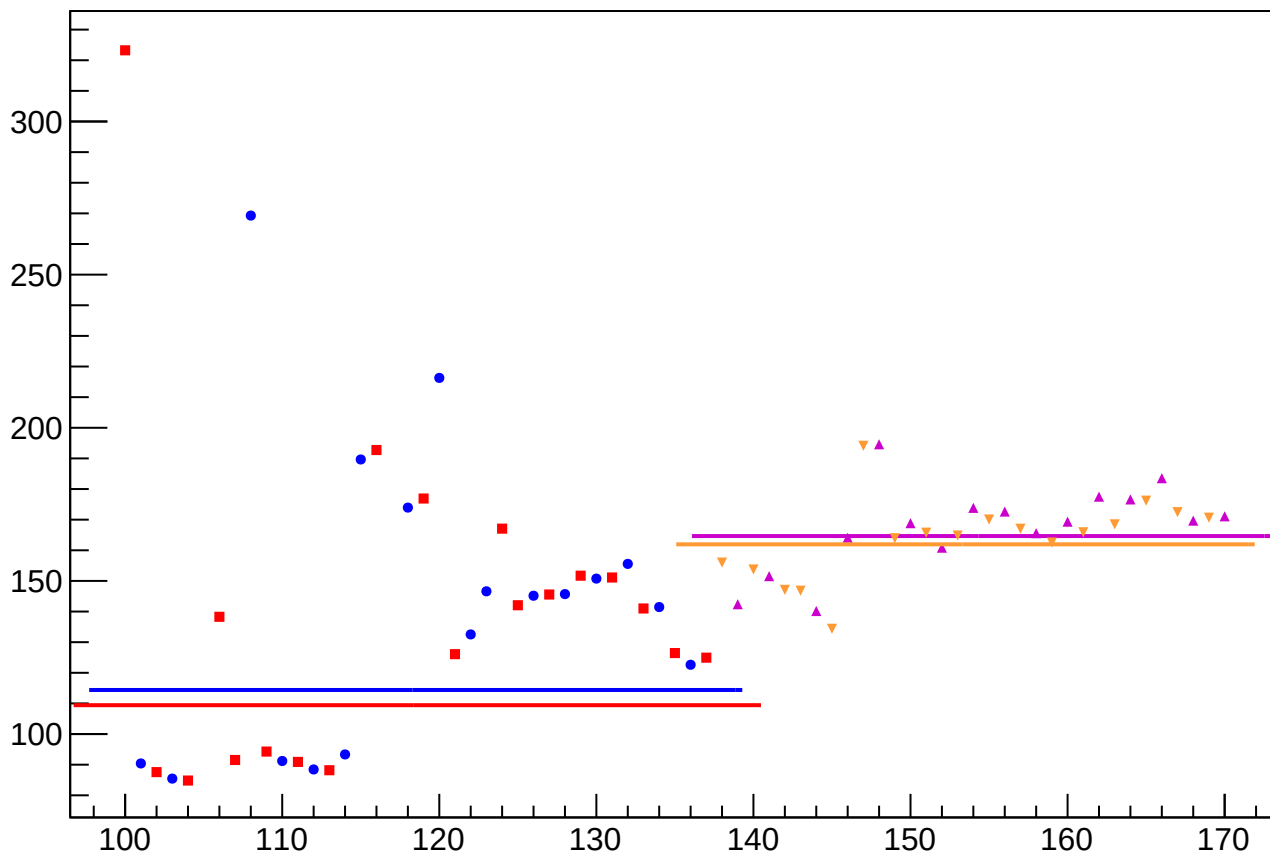
Left In: -211.002 ± 46.604 χ^2/NDF : 14.2/15

+ sign 95.964 ± 32.412 χ^2/NDF : 34.1/33

All: -28.696 ± 22.582 χ^2/NDF : 93.8/68

- sign -146.296 ± 31.481 χ^2/NDF : 30.9/34

dit_asym_sam5_rms vs Slug



Right In: 114.391+/-0.033 χ^2/NDF : 1136702.0/16

Left Out: 161.947+/-0.032 χ^2/NDF :164602.5/16

Right Out: 109.428+/-0.030 χ^2/NDF : 944386.0/18

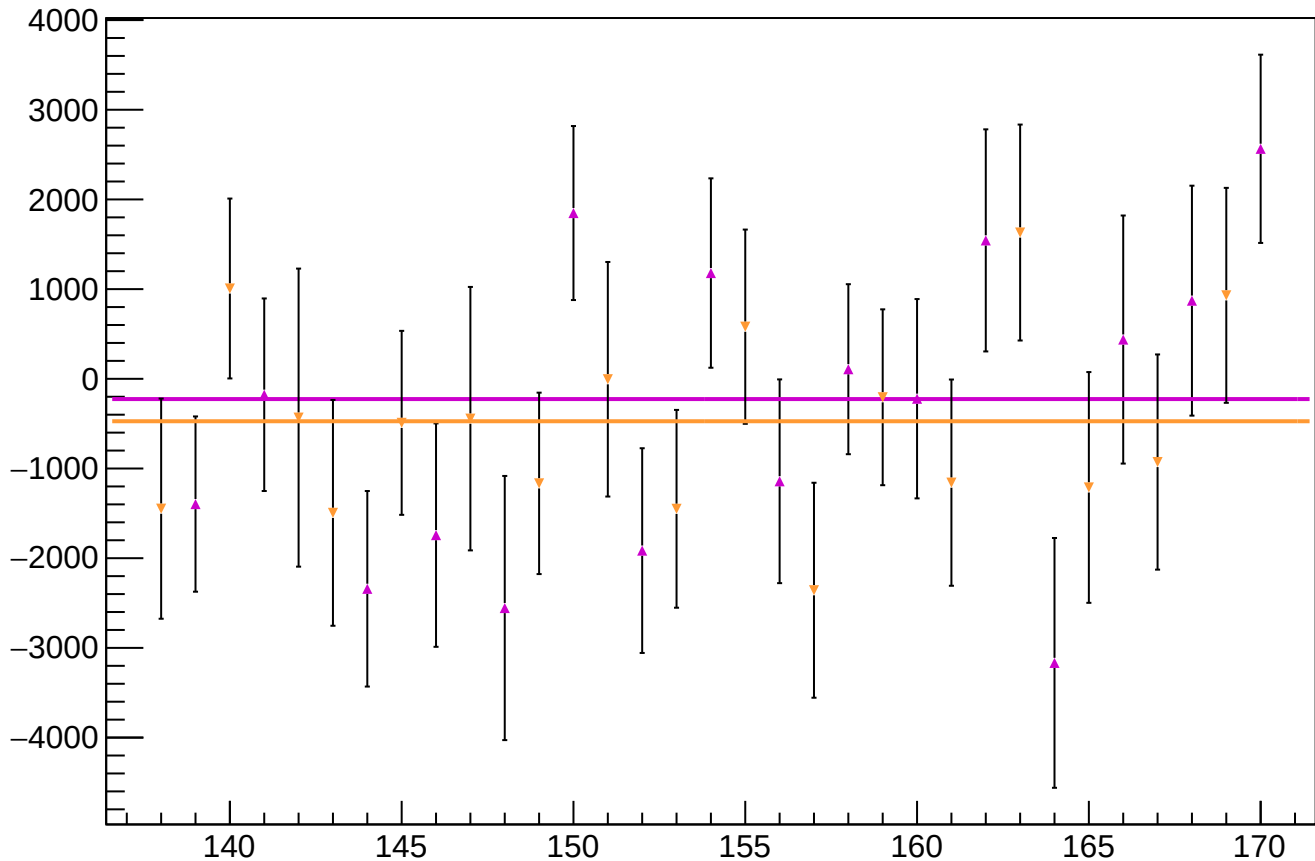
Left In: 164.650+/-0.033 χ^2/NDF :182146.9/15

+ sign 138.487+/-0.023 χ^2/NDF : 2377492.5/33

All: 136.500+/-0.016 χ^2/NDF : 5045428.4/68

- sign 134.625+/-0.022 χ^2/NDF : 2653323.6/34

asym_sam5_correction_mean vs Slug



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

Left Out: -473.099+/-283.043 χ^2/NDF :13.6/16

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

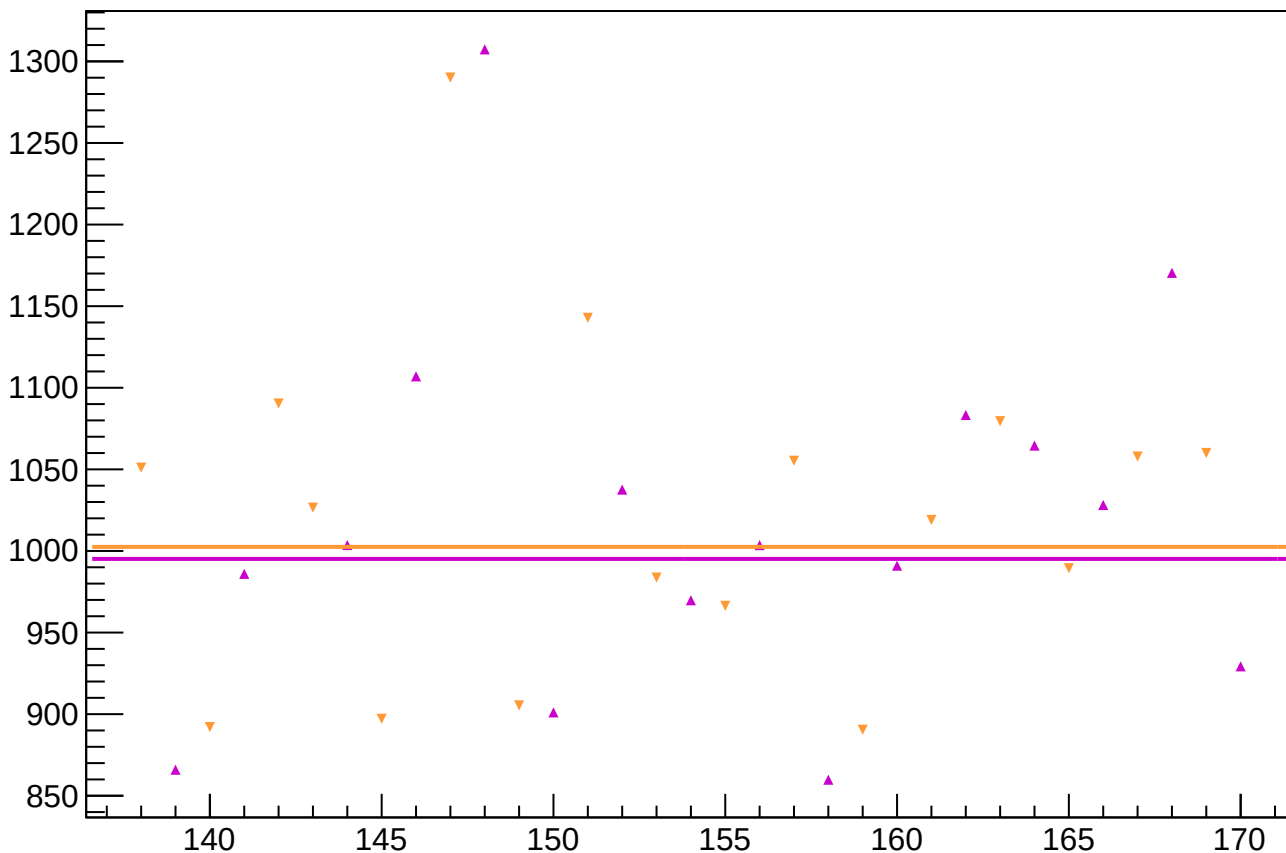
Left In: -225.801+/-282.889 χ^2/NDF :33.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -349.383+/-200.087 χ^2/NDF : 47.0/32

- 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: 1002.501+/-0.200 χ^2/NDF : 223450.4/16

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

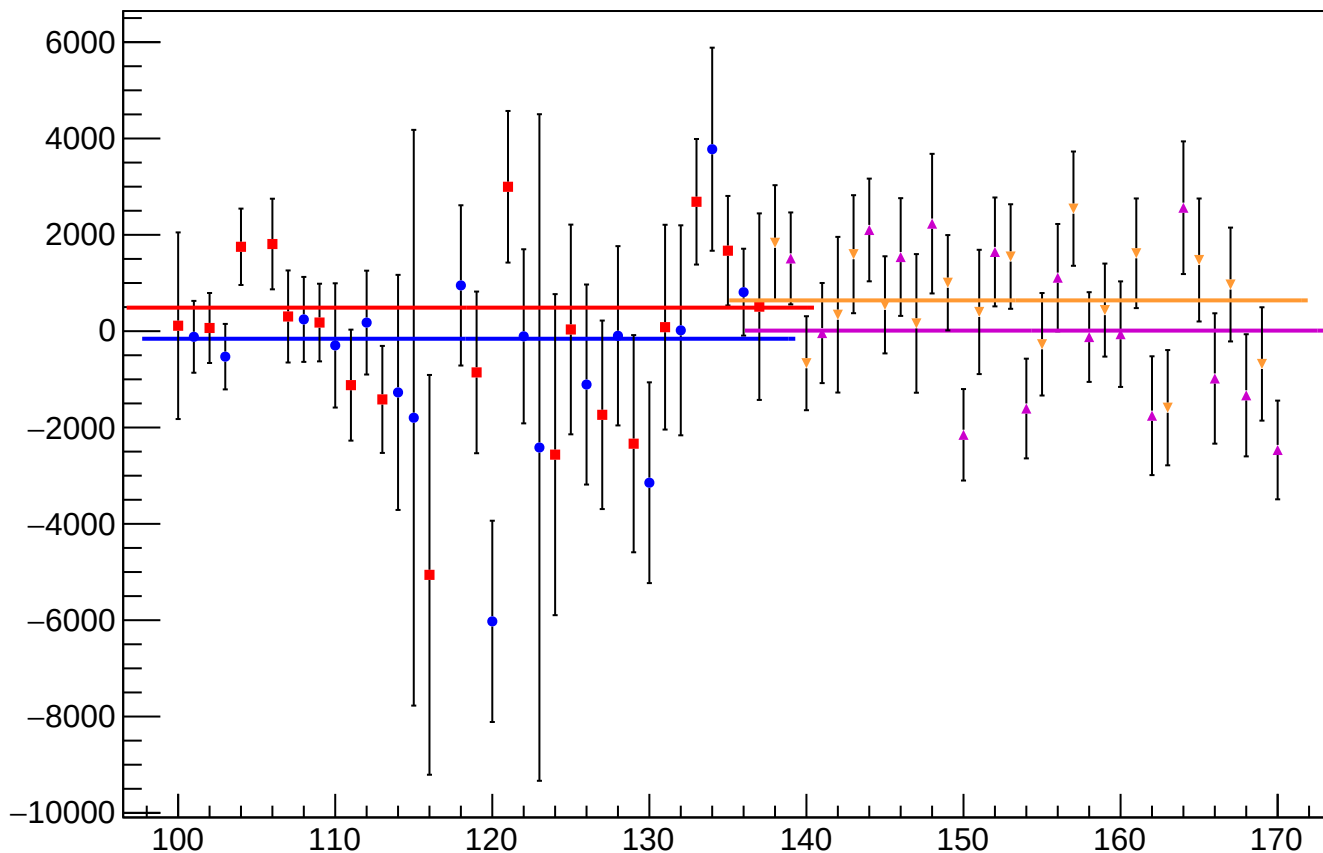
Left In: 995.130+/-0.200 χ^2/NDF : 266415.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.814+/-0.141 χ^2/NDF : 490544.4/32

- 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: 639.164 ± 278.147 χ^2/NDF : 13.8/16

Right Out: 488.583 ± 282.758 χ^2/NDF : 22.6/18

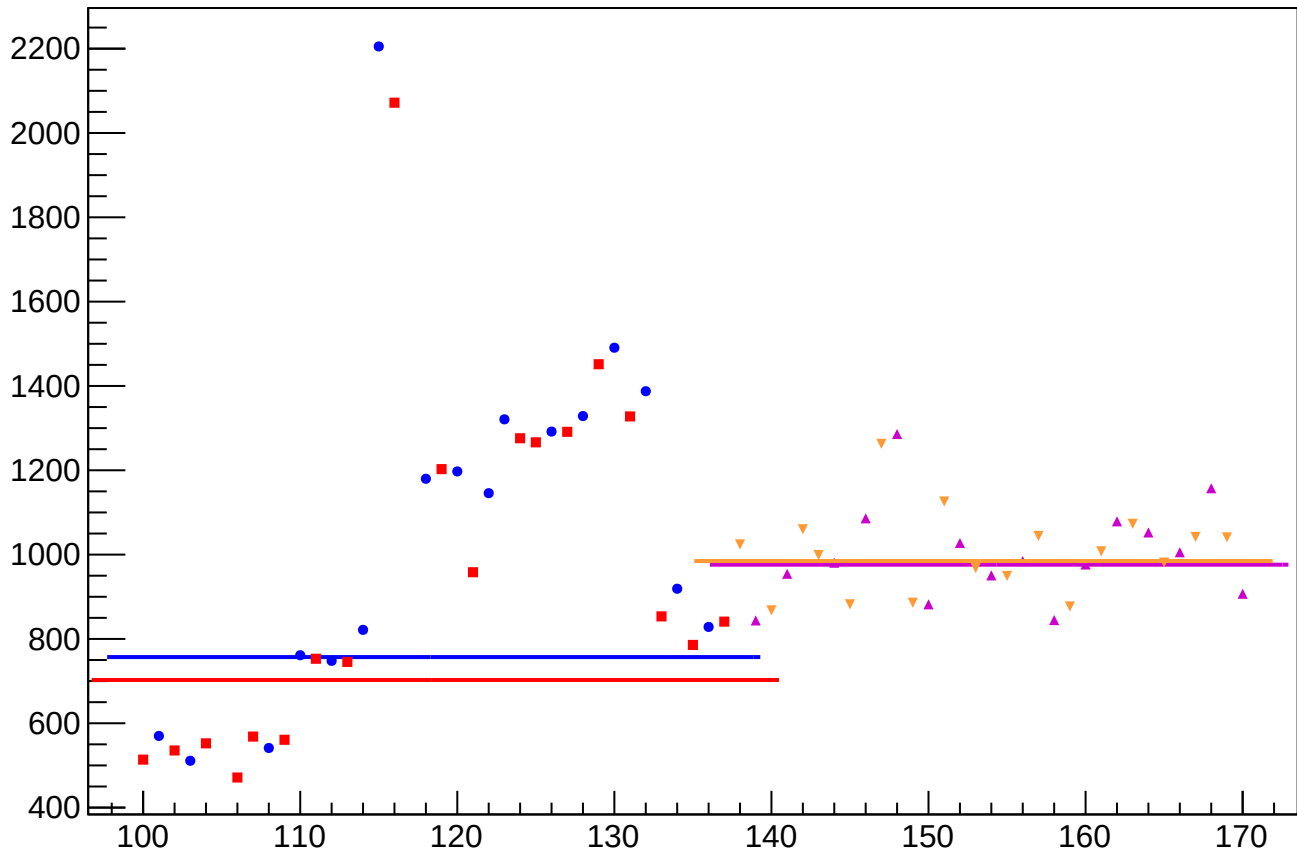
Left In: 11.955 ± 277.661 χ^2/NDF : 33.9/15

+ sign 287.153 ± 207.768 χ^2/NDF : 33.6/33

All: 265.563 ± 143.379 χ^2/NDF : 91.7/68

- sign 245.934 ± 198.113 χ^2/NDF : 58.0/34

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 984.781+/-0.197 χ^2/NDF : 228398.2/16

+ sign 884.087+/-0.147 χ^2/NDF : 2532650.6/33

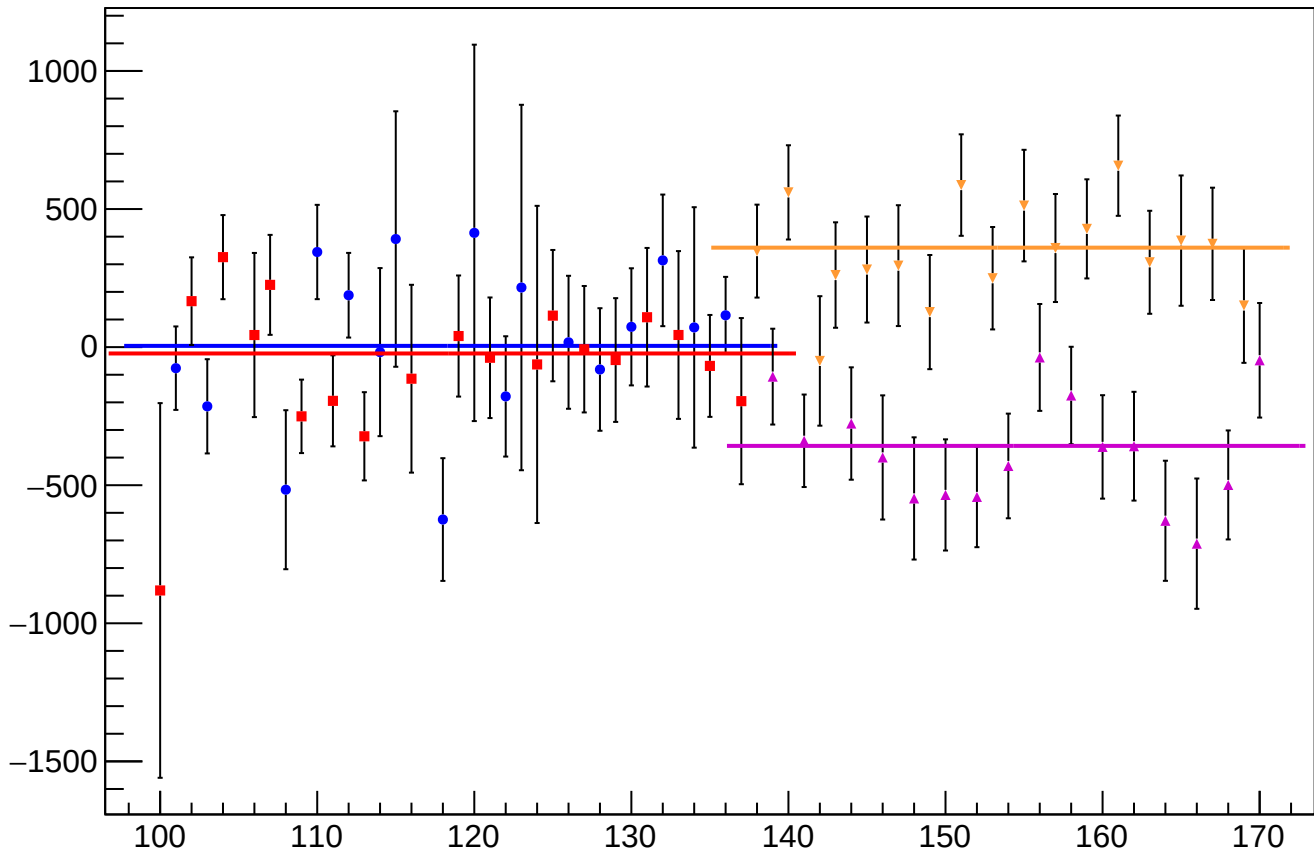
Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

All: 861.972+/-0.101 χ^2/NDF : 5500509.5/68

- sign 841.865+/-0.140 χ^2/NDF : 2924597.1/34

Left In: 976.099+/-0.196 χ^2/NDF : 282810.3/15

dit_asym_sam6_mean vs Slug



Right In: 4.533 ± 52.509 $\chi^2/\text{NDF}: 23.1/16$

Left Out: 360.176 ± 47.060 $\chi^2/\text{NDF}: 12.6/16$

Right Out: -22.985 ± 47.854 $\chi^2/\text{NDF}: 19.0/18$

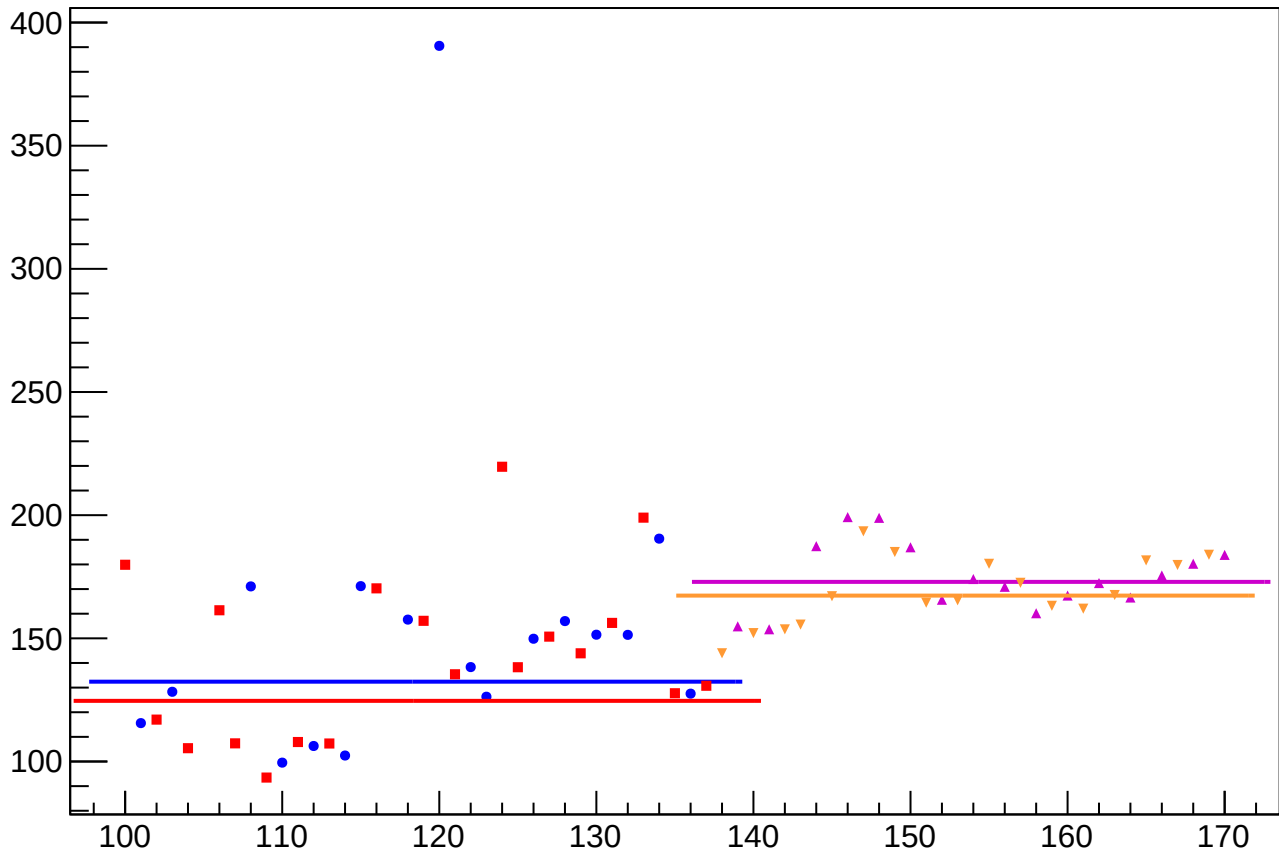
Left In: -357.610 ± 48.965 $\chi^2/\text{NDF}: 15.4/15$

+ sign 201.760 ± 35.045 $\chi^2/\text{NDF}: 61.1/33$

All: 3.048 ± 24.485 $\chi^2/\text{NDF}: 182.2/68$

- sign -186.458 ± 34.224 $\chi^2/\text{NDF}: 58.2/34$

dit_asym_sam6_rms vs Slug



Right In: 132.404 $\pm$ 0.037 χ^2 /NDF: 643884.8/16

Left Out: 167.352 $\pm$ 0.033 χ^2 /NDF: 152793.0/16

Right Out: 124.620 $\pm$ 0.034 χ^2 /NDF: 592322.9/18

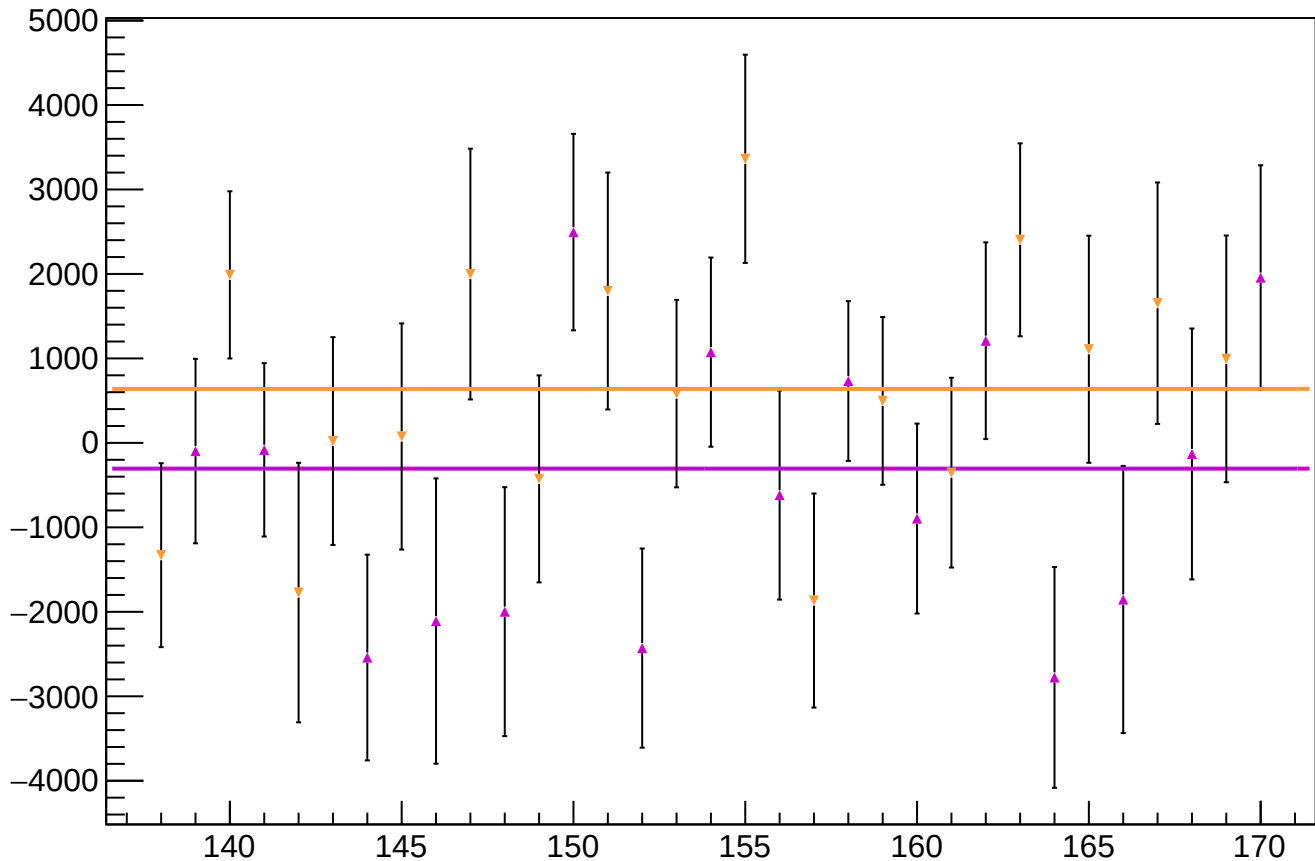
Left In: 172.921 $\pm$ 0.035 χ^2 /NDF: 148869.3/15

+ sign 151.785 $\pm$ 0.025 χ^2 /NDF: 1287960.1/33

All: 149.958 $\pm$ 0.017 χ^2 /NDF: 3035156.9/68

- sign 148.216 $\pm$ 0.024 χ^2 /NDF: 1736582.0/34

asym_sam6_correction_mean vs Slug



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

Left Out: 639.457+/-297.295 χ^2/NDF : 23.0/16

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

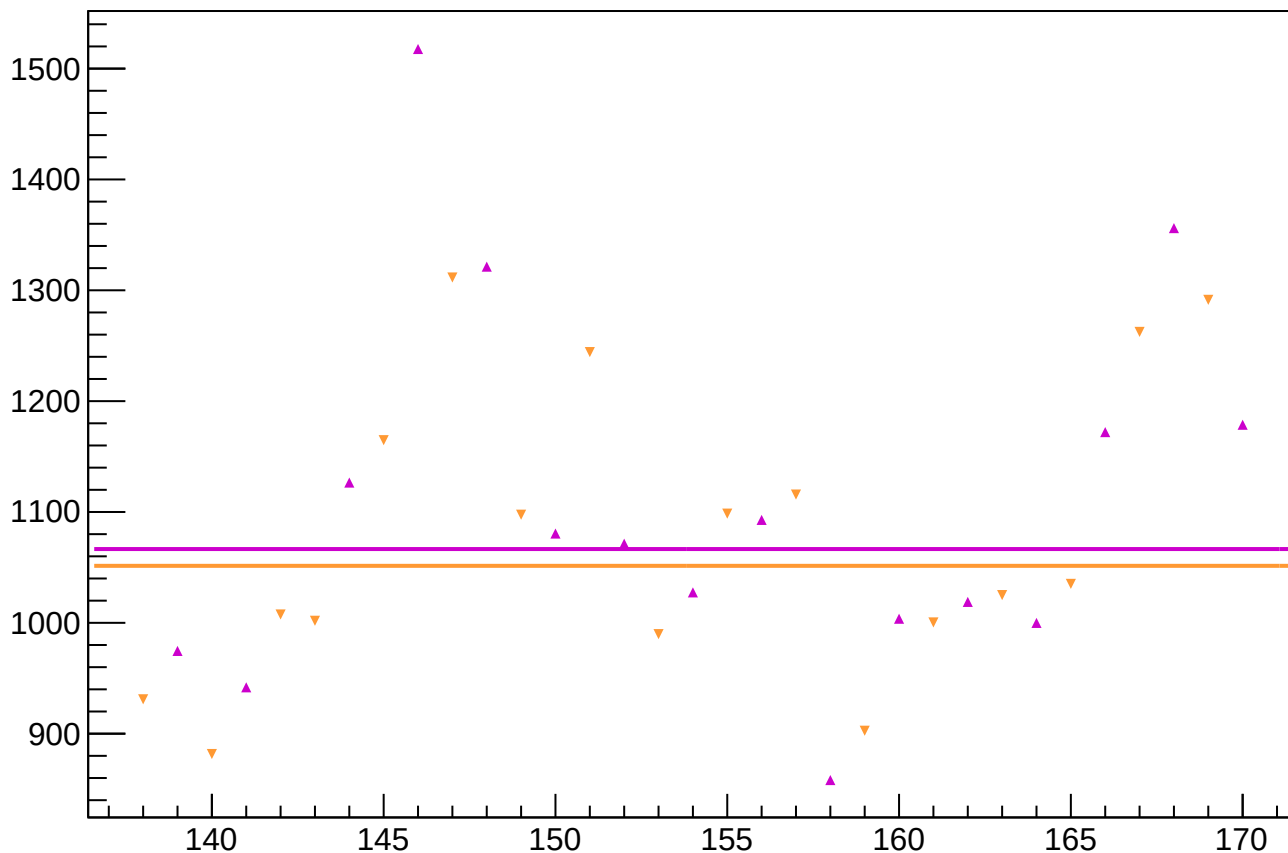
Left In: -304.495+/-303.809 χ^2/NDF : 27.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.710+/-212.485 χ^2/NDF : 55.1/32

- 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: 1051.423+/-0.210 χ^2/NDF : 366828.3/16

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

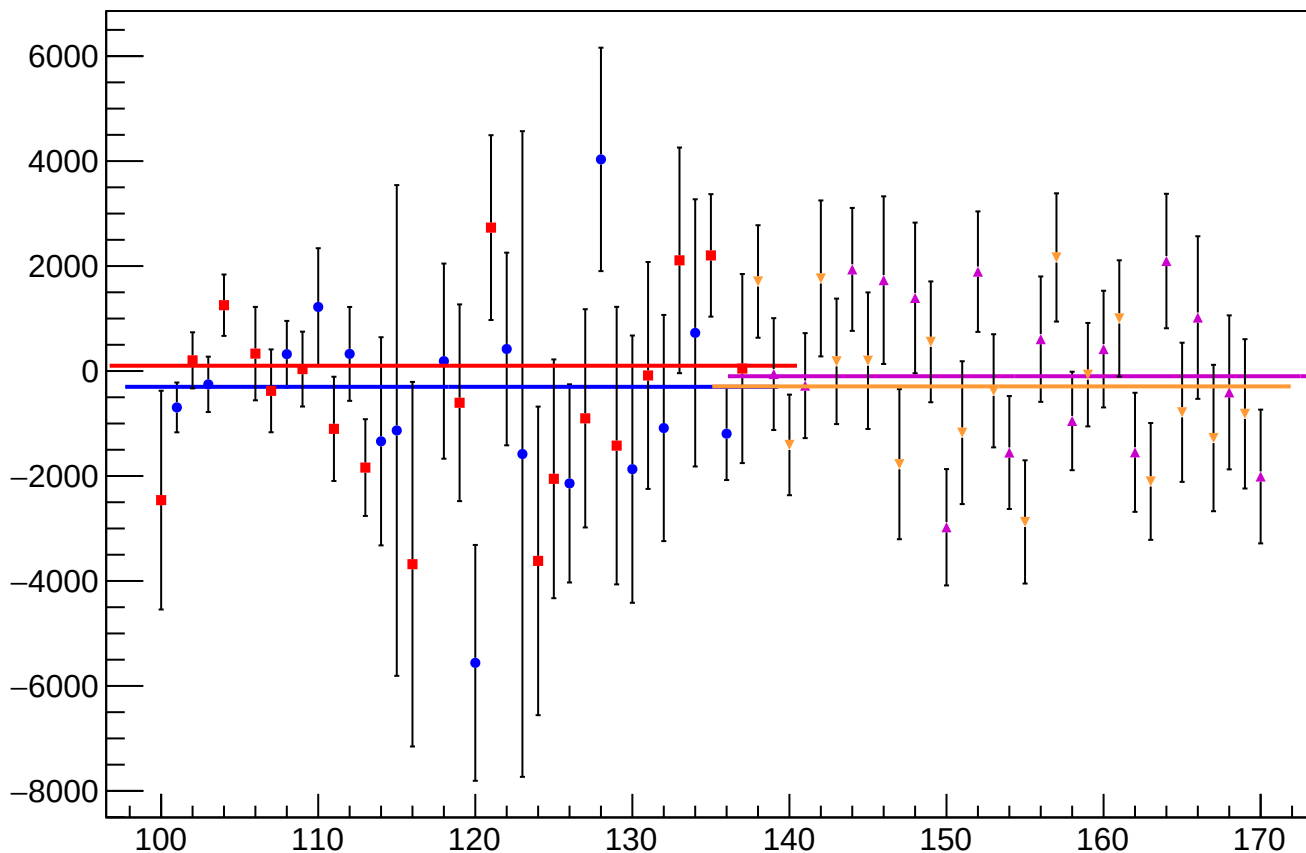
Left In: 1066.567+/-0.215 χ^2/NDF : 465805.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.831+/-0.150 χ^2/NDF : 835172.5/32

- 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: -292.902 ± 289.010 χ^2/NDF : 22.8/16

Right Out: 100.857 ± 245.981 χ^2/NDF : 22.5/18

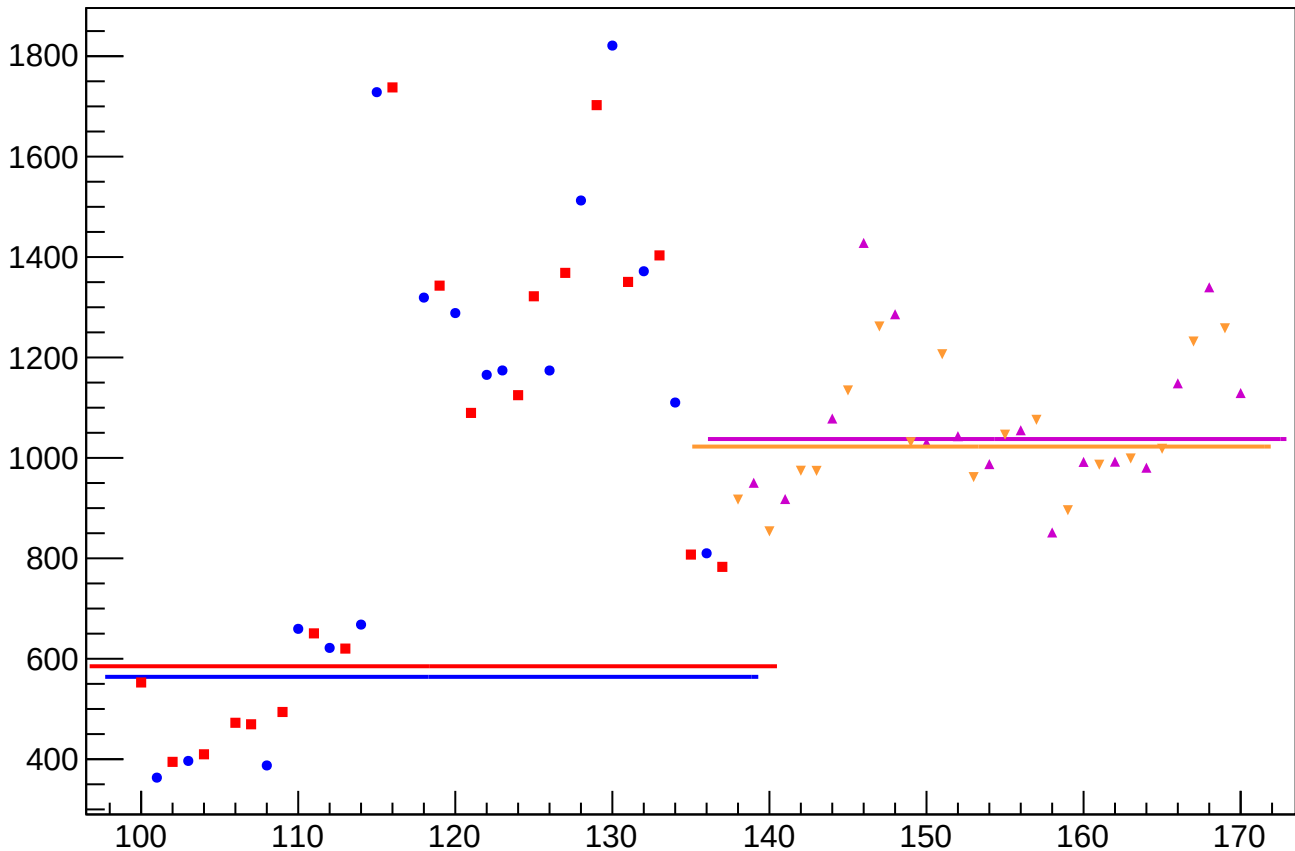
Left In: -99.097 ± 295.480 χ^2/NDF : 25.8/15

+ sign -297.533 ± 189.095 χ^2/NDF : 39.7/33

All: -139.223 ± 133.693 χ^2/NDF : 89.7/68

- sign 19.008 ± 189.047 χ^2/NDF : 48.6/34

asym_sam6_rms vs Slug



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

Left Out: 1022.579 $\pm$ 0.204 χ^2 /NDF:341195.4/16

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

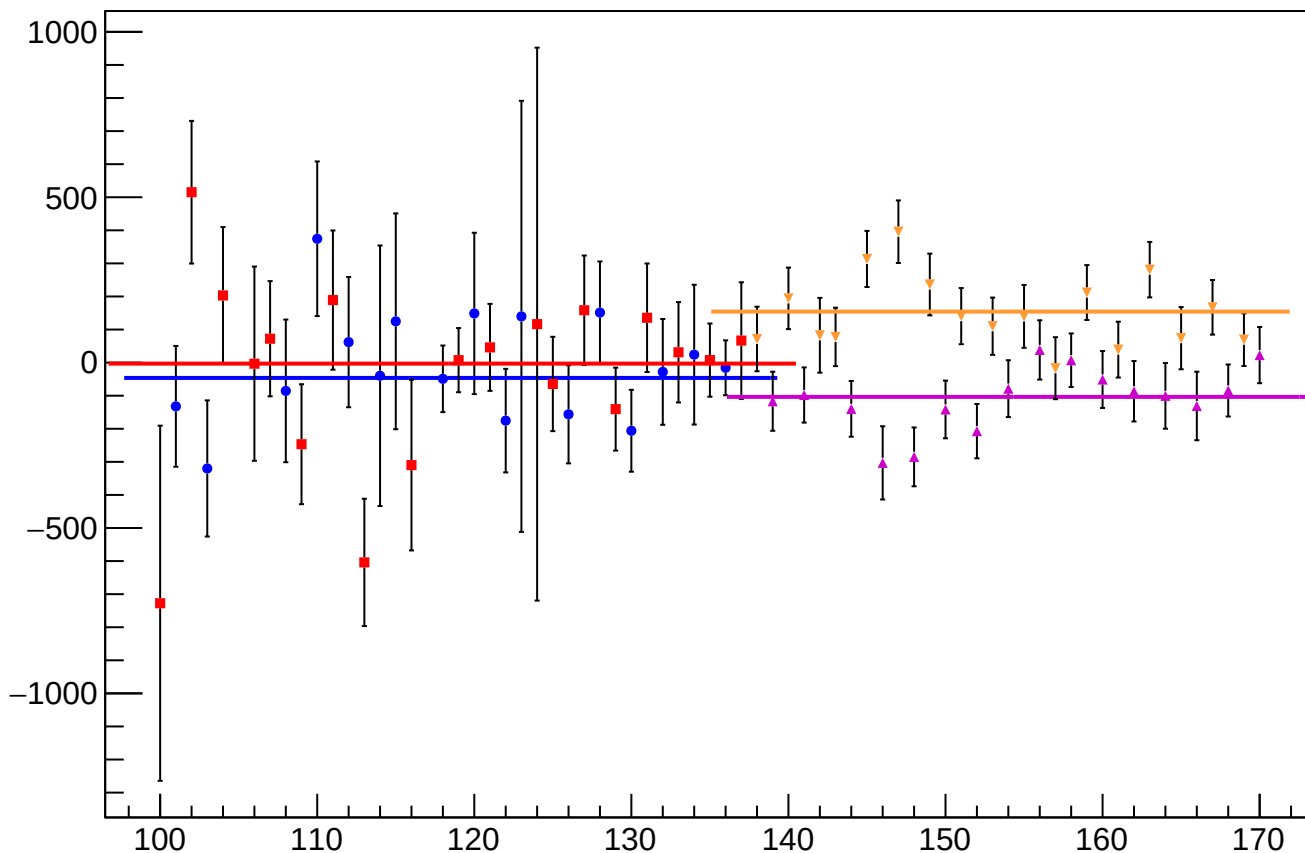
Left In: 1037.590 $\pm$ 0.209 χ^2 /NDF:423332.0/15

+ sign 760.313 $\pm$ 0.134 χ^2 /NDF: 6482437.0/33

All: 765.310 $\pm$ 0.095 χ^2 /NDF: 12500093.7/68

- sign 770.304 $\pm$ 0.134 χ^2 /NDF: 6014864.1/34

dit_asym_sam7_mean vs Slug



Right In: -46.211 ± 39.137 χ^2/NDF : 11.3/16

Left Out: 154.248 ± 21.637 χ^2/NDF : 23.0/16

Right Out: -2.942 ± 37.872 χ^2/NDF : 26.0/18

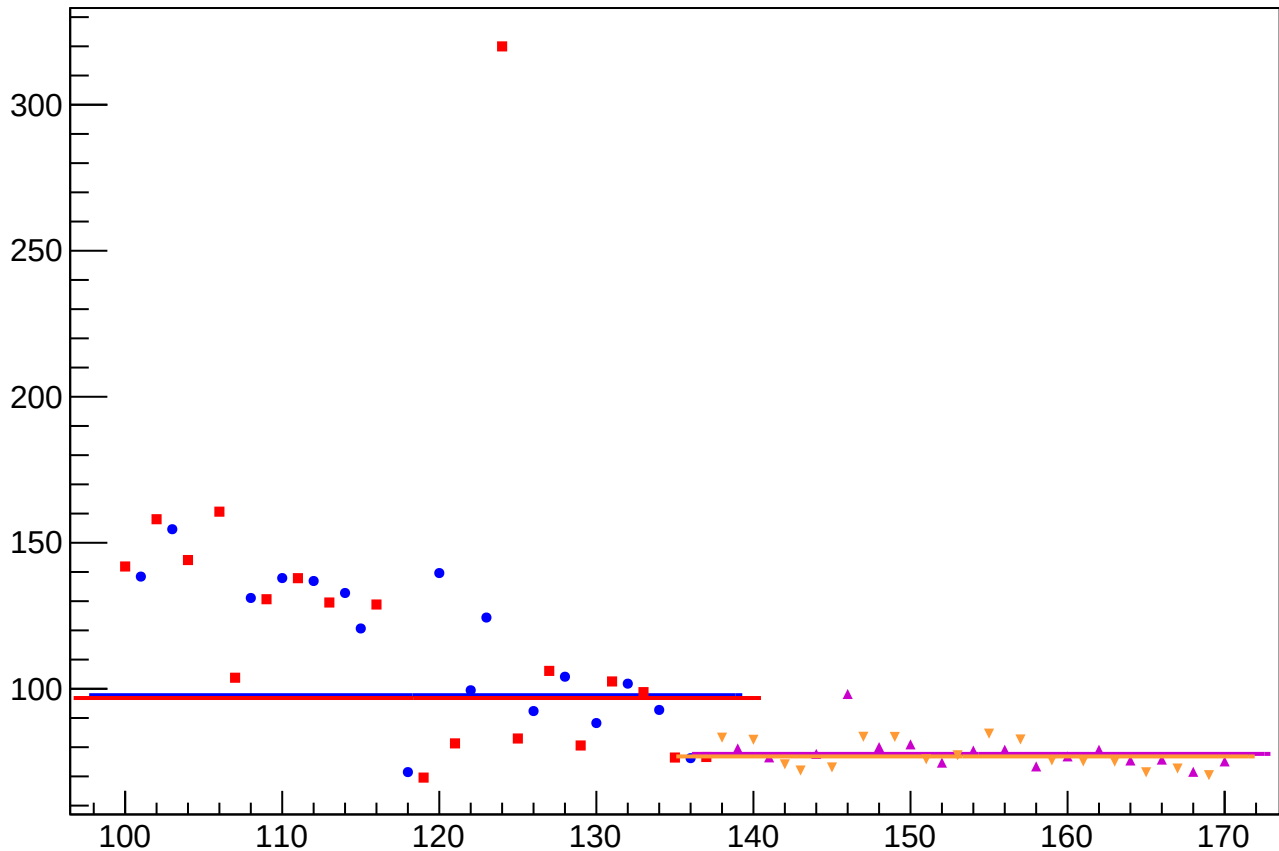
Left In: -103.581 ± 22.030 χ^2/NDF : 16.6/15

+ sign 107.319 ± 18.936 χ^2/NDF : 54.5/33

All: 15.110 ± 13.427 χ^2/NDF : 150.1/68

- sign -78.138 ± 19.043 χ^2/NDF : 47.9/34

dit_asym_sam7_rms vs Slug



Right In: 97.807 $\pm$ 0.028 χ^2 /NDF: 816964.4/16

Left Out: 76.842 $\pm$ 0.015 χ^2 /NDF: 96164.4/16

Right Out: 96.842 $\pm$ 0.027 χ^2 /NDF: 1095471.1/18

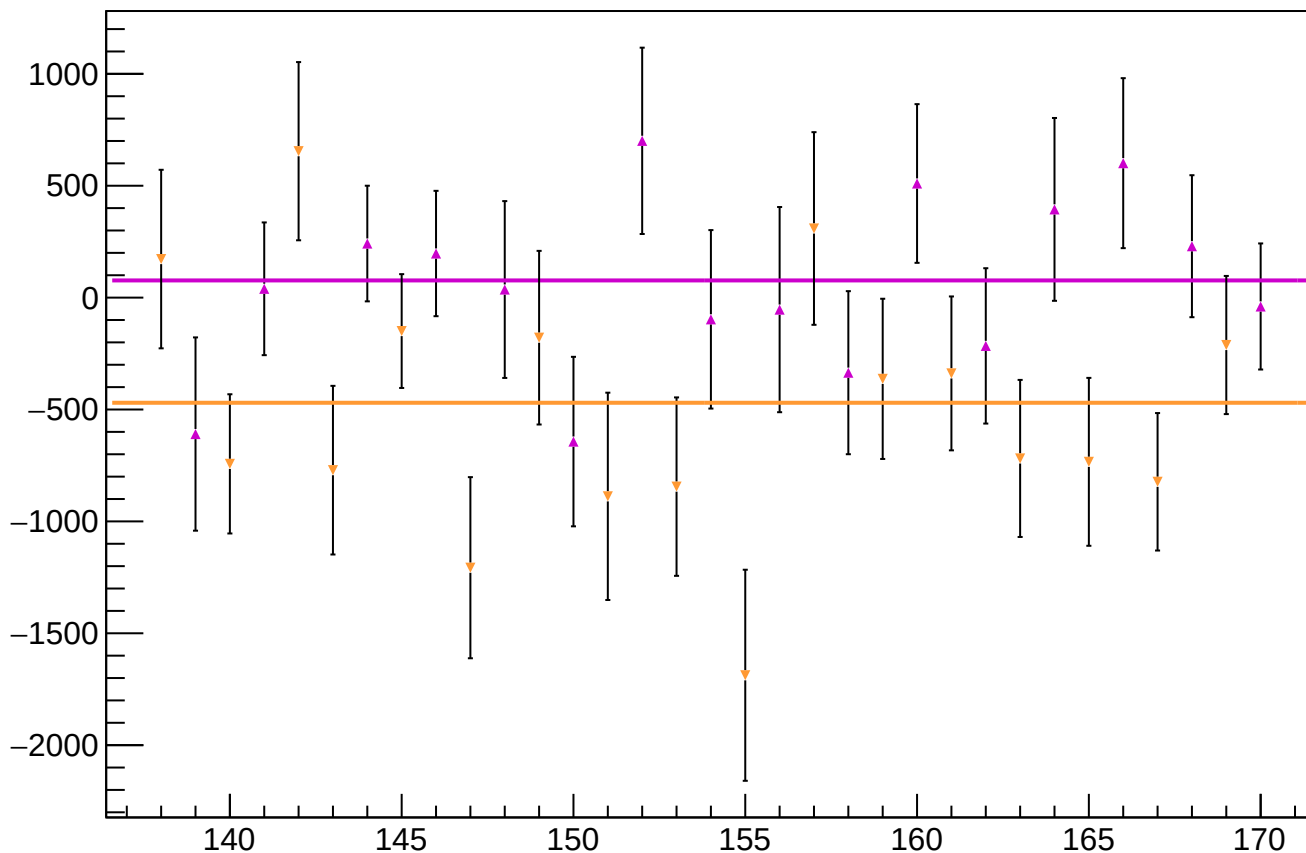
Left In: 77.707 $\pm$ 0.016 χ^2 /NDF: 99672.6/15

+ sign 81.750 $\pm$ 0.013 χ^2 /NDF: 1352693.2/33

All: 82.145 $\pm$ 0.009 χ^2 /NDF: 2931062.1/68

- sign 82.545 $\pm$ 0.013 χ^2 /NDF: 1576617.7/34

asym_sam7_correction_mean vs Slug



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

Left Out: -469.866 $\pm$ 87.172 χ^2 /NDF:32.3/16

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

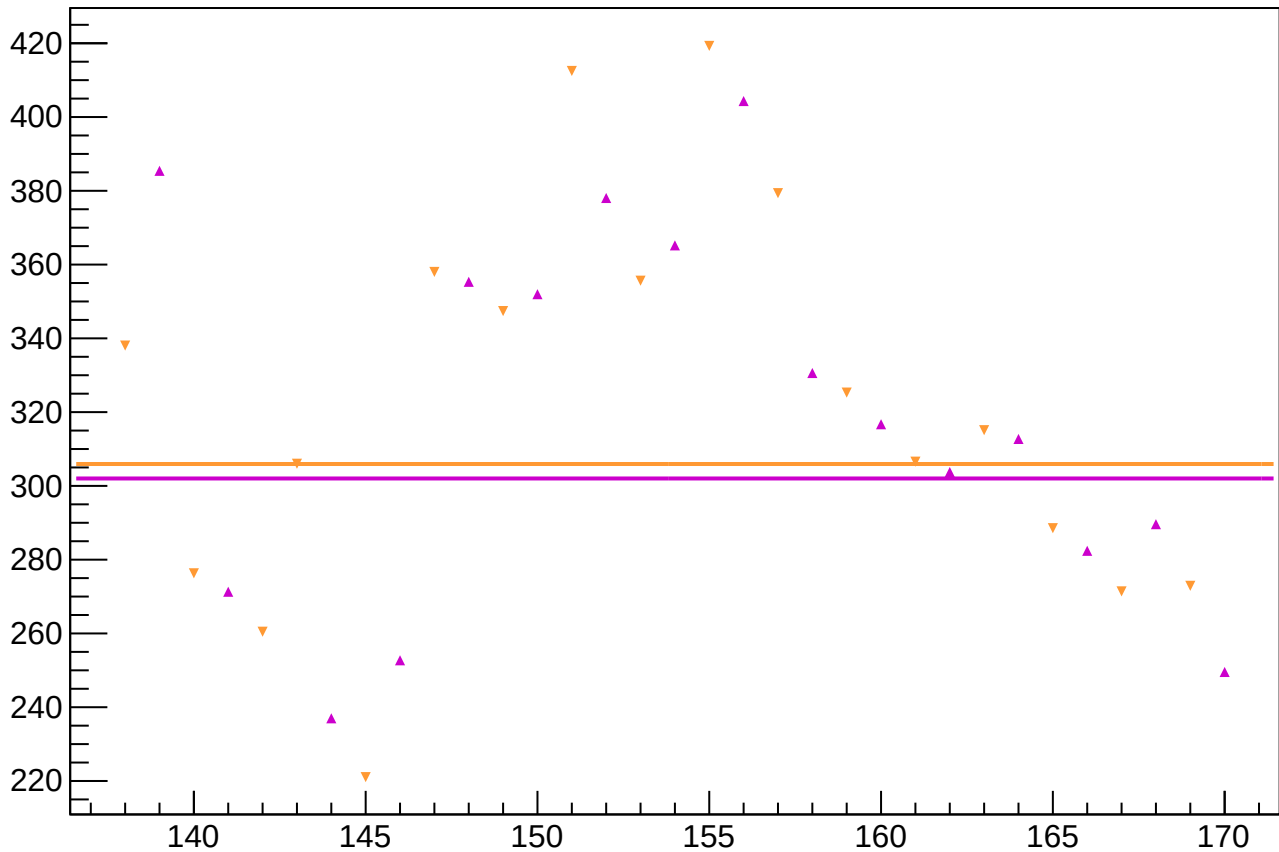
Left In: 76.823 $\pm$ 86.421 χ^2 /NDF:15.7/15

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

All: -194.155 $\pm$ 61.372 χ^2 /NDF: 67.8/32

- sign 0.000 $\pm$ 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: 305.935+/-0.062 χ^2/NDF : 706288.8/16

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

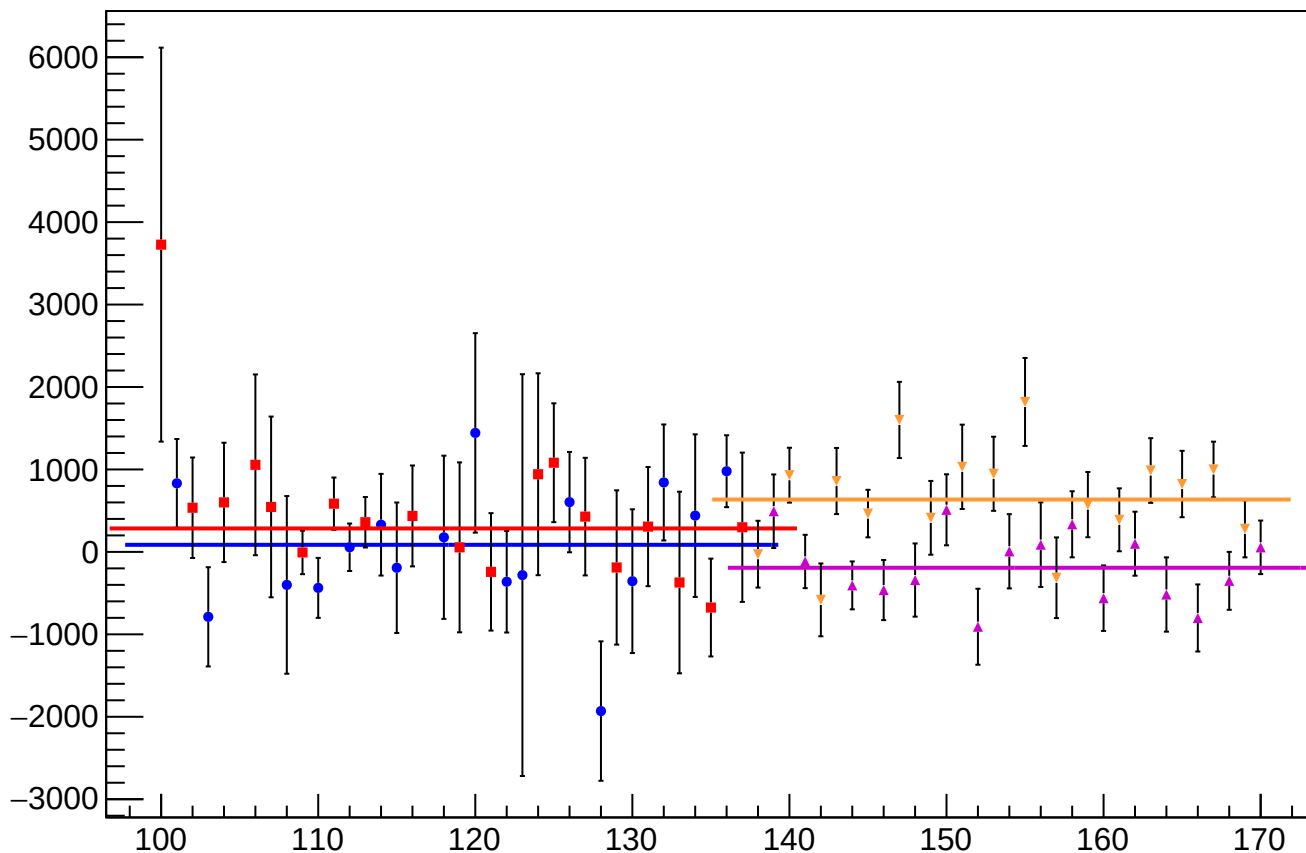
Left In: 302.012+/-0.061 χ^2/NDF : 667311.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.956+/-0.043 χ^2/NDF : 1375643.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810 $\pm$ 142.601 χ^2 /NDF: 20.6/16

Left Out: 635.156 $\pm$ 96.384 χ^2 /NDF: 29.8/16

Right Out: 284.456 $\pm$ 129.599 χ^2 /NDF: 10.6/18

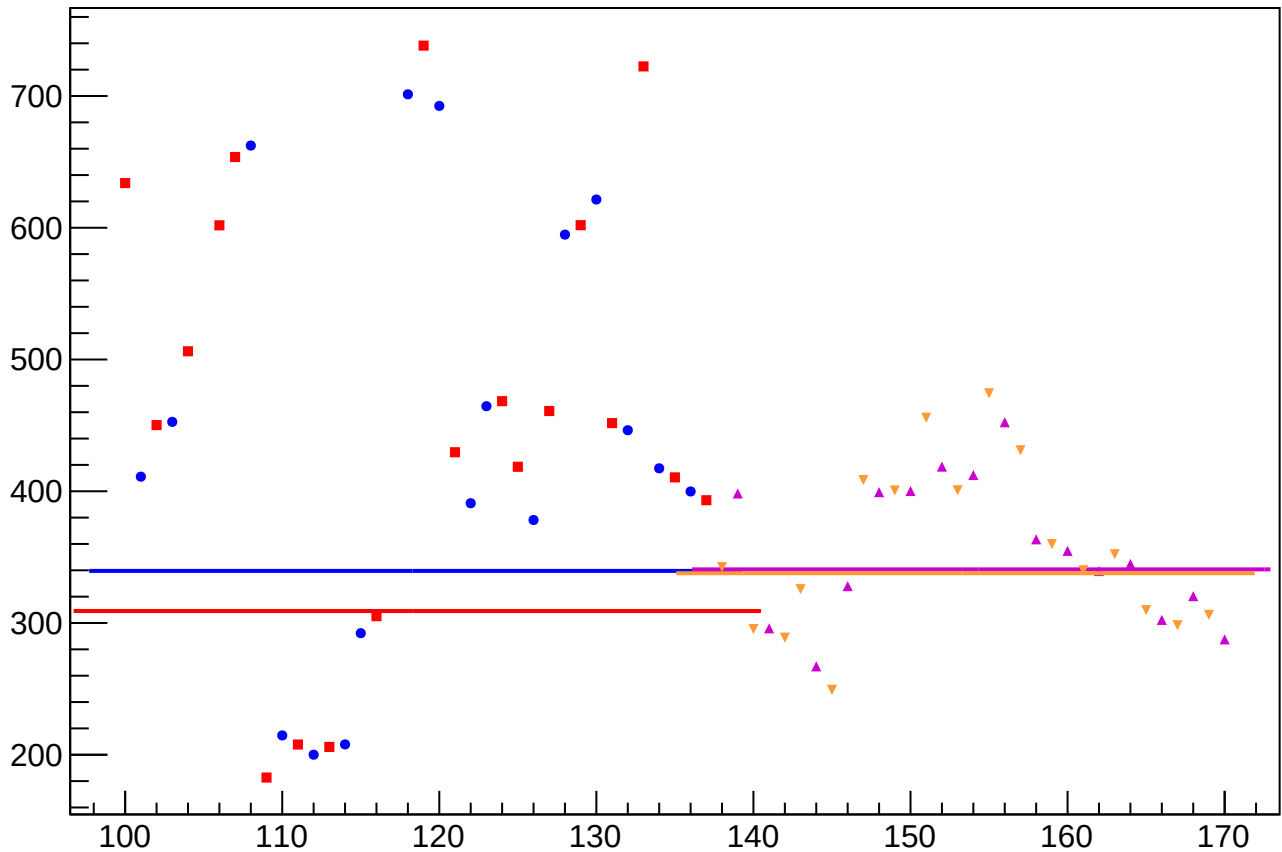
Left In: -192.629 $\pm$ 97.316 χ^2 /NDF: 15.9/15

+ sign 462.889 $\pm$ 79.854 χ^2 /NDF: 60.5/33

All: 214.897 $\pm$ 55.732 χ^2 /NDF: 114.5/68

- sign -20.614 $\pm$ 77.819 χ^2 /NDF: 35.2/34

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Left Out: 337.775+/-0.068 χ^2/NDF : 746275.2/16

Right Out: 309.105+/-0.092 χ^2/NDF : 2730308.7/18

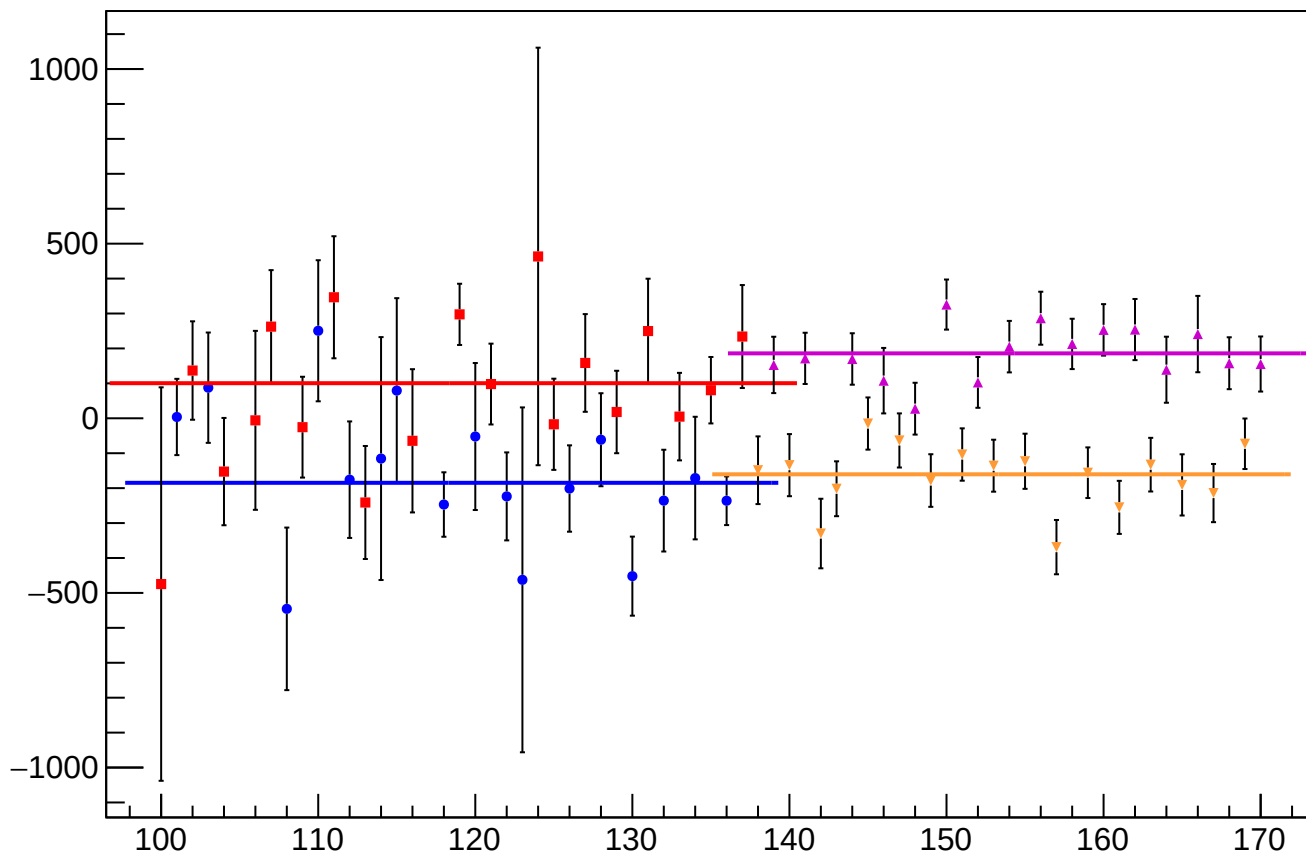
Left In: 340.712+/-0.069 χ^2/NDF : 565062.3/15

+ sign 338.332+/-0.056 χ^2/NDF : 2788732.7/33

All: 333.708+/-0.039 χ^2/NDF : 6173247.7/68

- sign 329.316+/-0.055 χ^2/NDF : 3371437.6/34

dit_asym_sam8_mean vs Slug



Right In: -184.736 ± 33.009 χ^2/NDF : 22.4/16

Left Out: -160.393 ± 19.242 χ^2/NDF : 20.5/16

Right Out: 100.491 ± 32.512 χ^2/NDF : 22.2/18

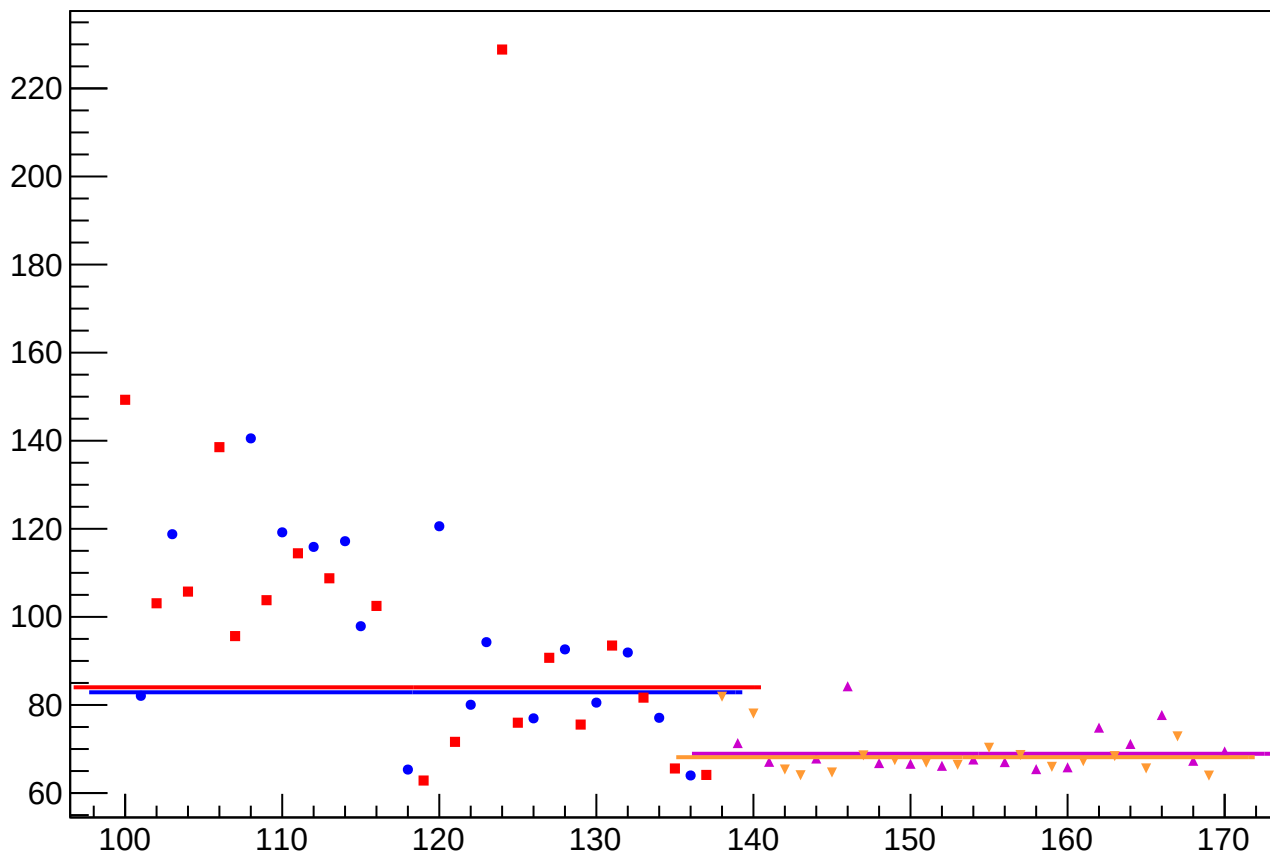
Left In: 185.876 ± 19.591 χ^2/NDF : 14.8/15

+ sign -166.567 ± 16.624 χ^2/NDF : 43.3/33

All: -3.256 ± 11.810 χ^2/NDF : 280.2/68

- sign 163.131 ± 16.780 χ^2/NDF : 42.1/34

dit_asym_sam8_rms vs Slug



Right In: 82.880 ± 0.023 χ^2/NDF : 706417.7/16

Left Out: 68.141 ± 0.014 χ^2/NDF : 96729.4/16

Right Out: 84.013 ± 0.023 χ^2/NDF : 765400.6/18

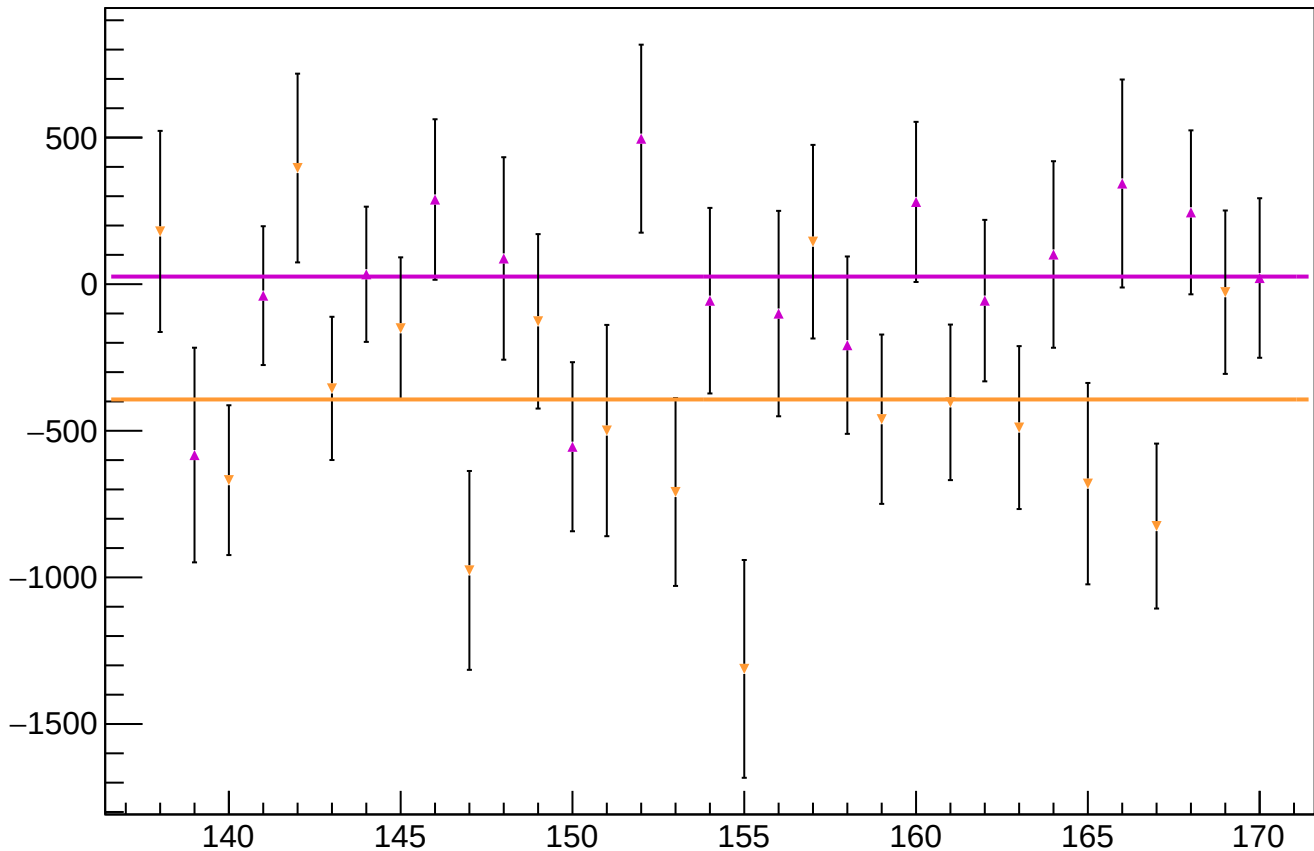
Left In: 68.919 ± 0.014 χ^2/NDF : 97693.4/15

+ sign 71.879 ± 0.012 χ^2/NDF : 1100777.7/33

All: 72.405 ± 0.008 χ^2/NDF : 2284138.5/68

- sign 72.940 ± 0.012 χ^2/NDF : 1179327.5/34

asym_sam8_correction_mean vs Slug



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

Left Out: -393.161+/-71.727 χ^2/NDF : 29.5/16

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

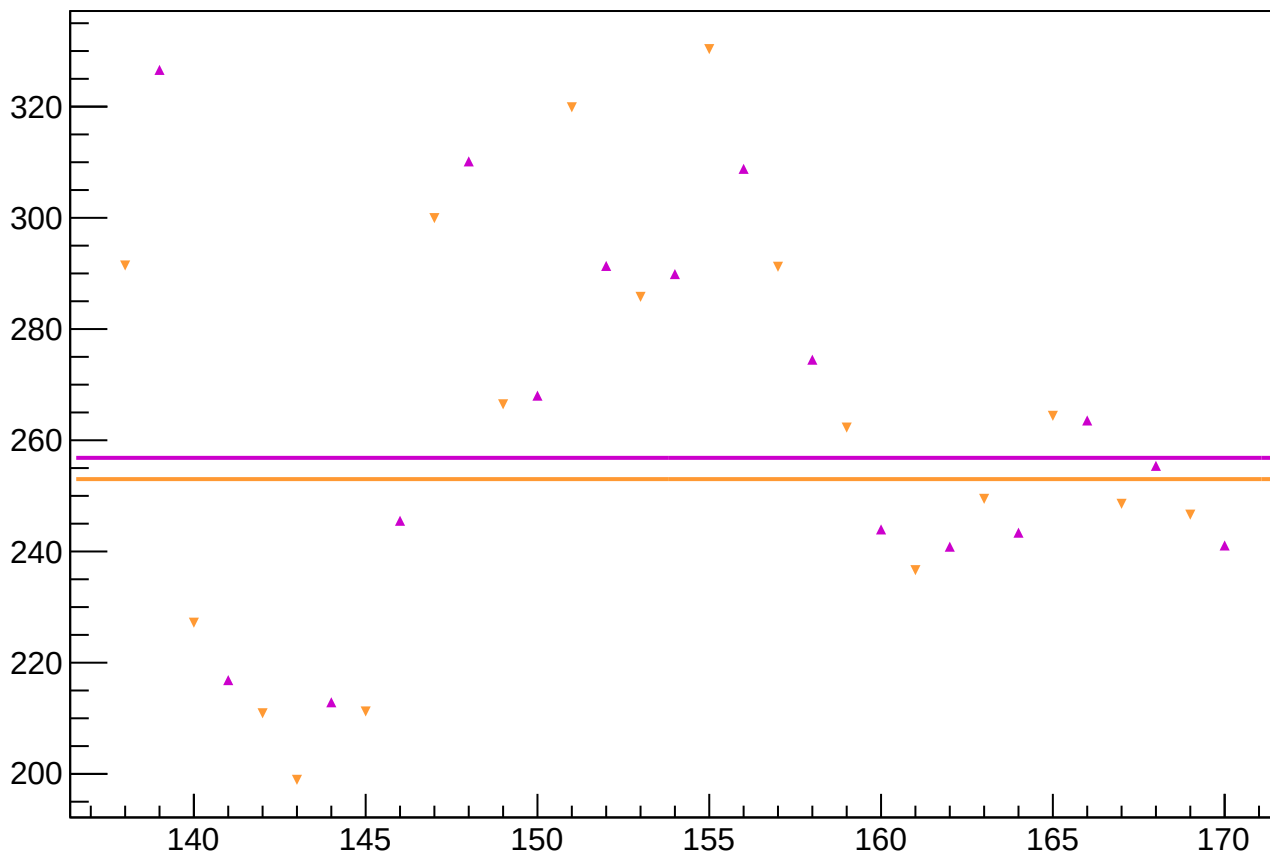
Left In: 25.898+/-73.044 χ^2/NDF : 13.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.444+/-51.178 χ^2/NDF : 59.5/32

- 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: 253.014+/-0.051 χ^2/NDF : 496942.5/16

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

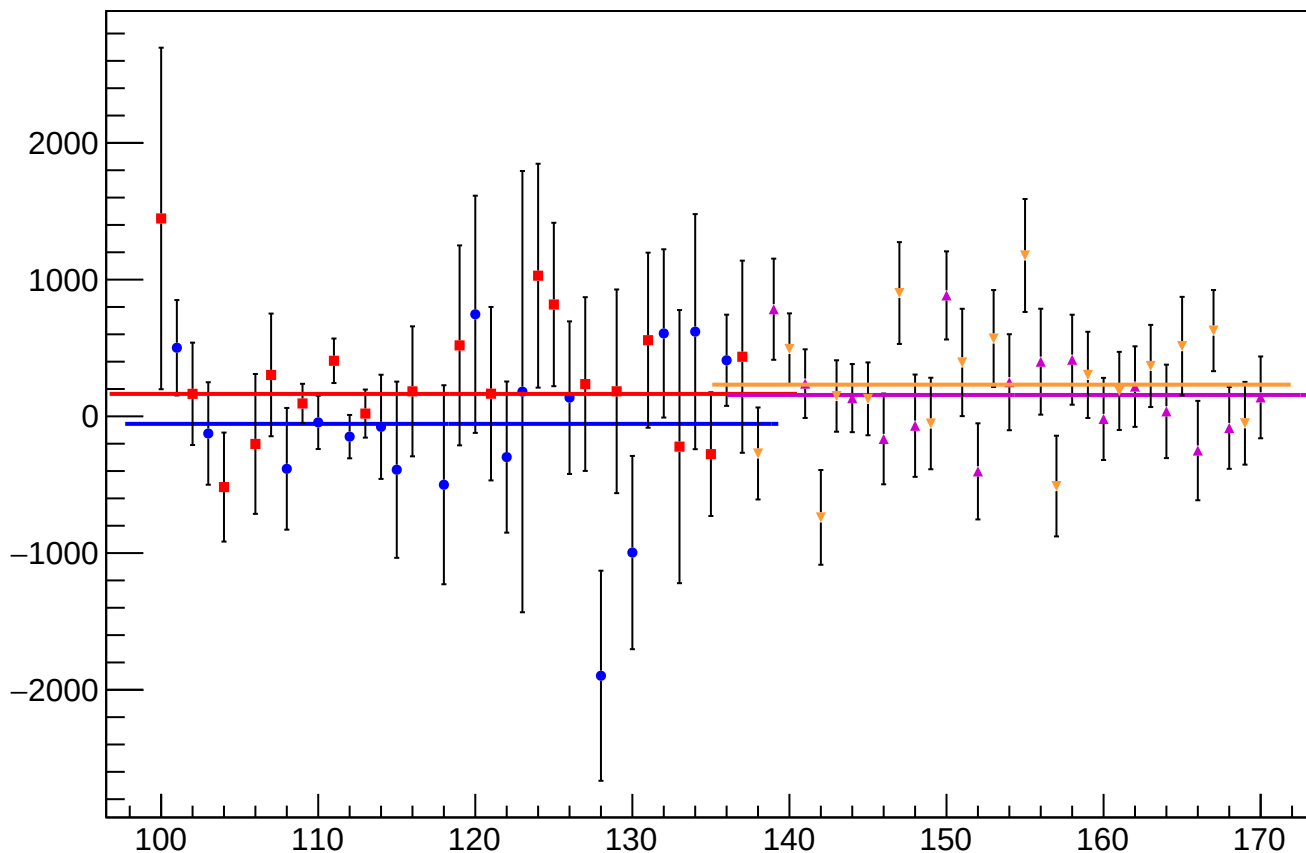
Left In: 256.838+/-0.052 χ^2/NDF : 374582.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.891+/-0.036 χ^2/NDF : 874315.0/32

- 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: 231.811 ± 77.184 χ^2/NDF : 29.2/16

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

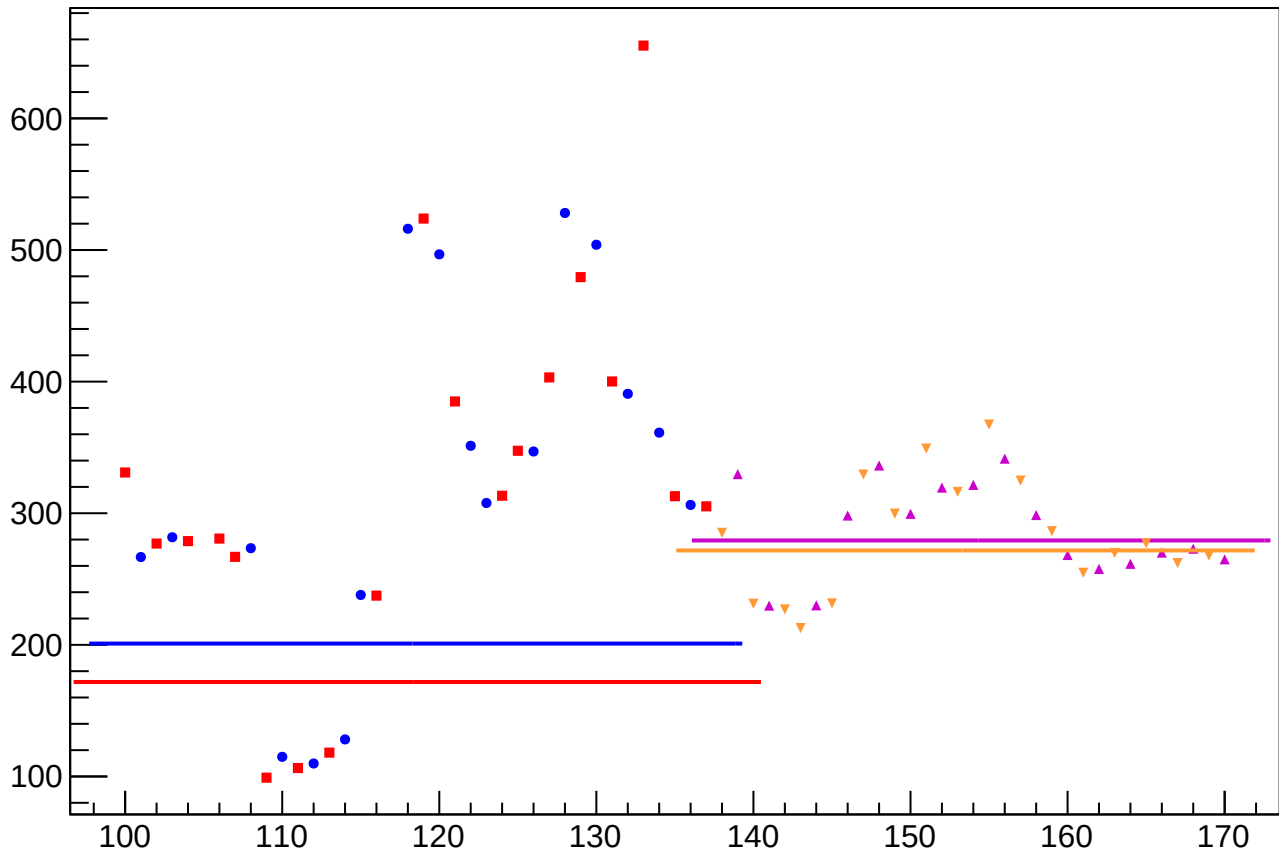
Left In: 156.492 ± 79.463 χ^2/NDF : 15.4/15

+ sign 110.844 ± 58.687 χ^2/NDF : 51.6/33

All: 137.132 ± 40.232 χ^2/NDF : 79.3/68

- sign 160.442 ± 55.262 χ^2/NDF : 27.3/34

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 271.724+/-0.055 χ^2/NDF : 566869.6/16

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

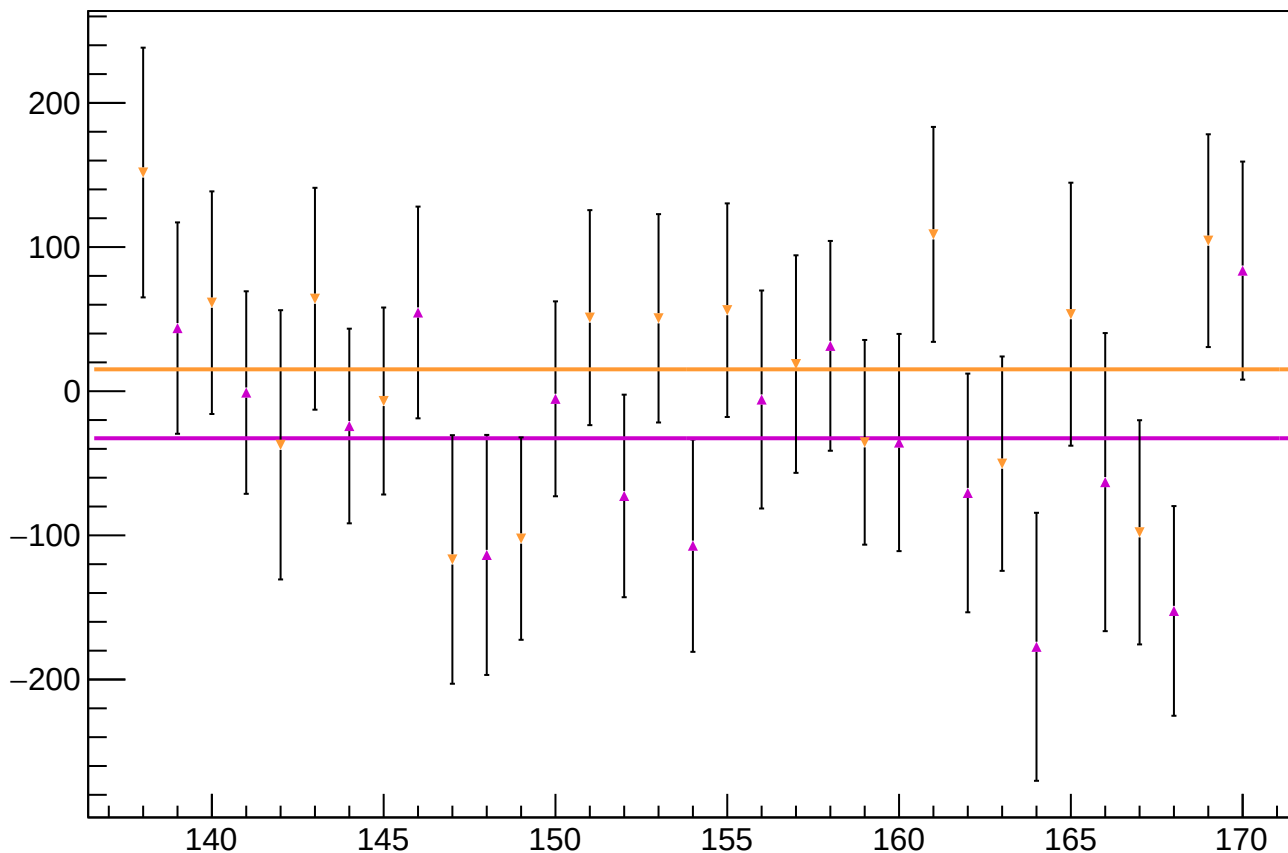
Left In: 279.311+/-0.056 χ^2/NDF : 393062.3/15

+ sign 241.876+/-0.041 χ^2/NDF : 4712034.1/33

All: 232.291+/-0.028 χ^2/NDF : 11189052.5/68

- sign 223.793+/-0.039 χ^2/NDF : 6376371.2/34

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 15.179 $\pm$ 18.516 χ^2 /NDF:16.2/16

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

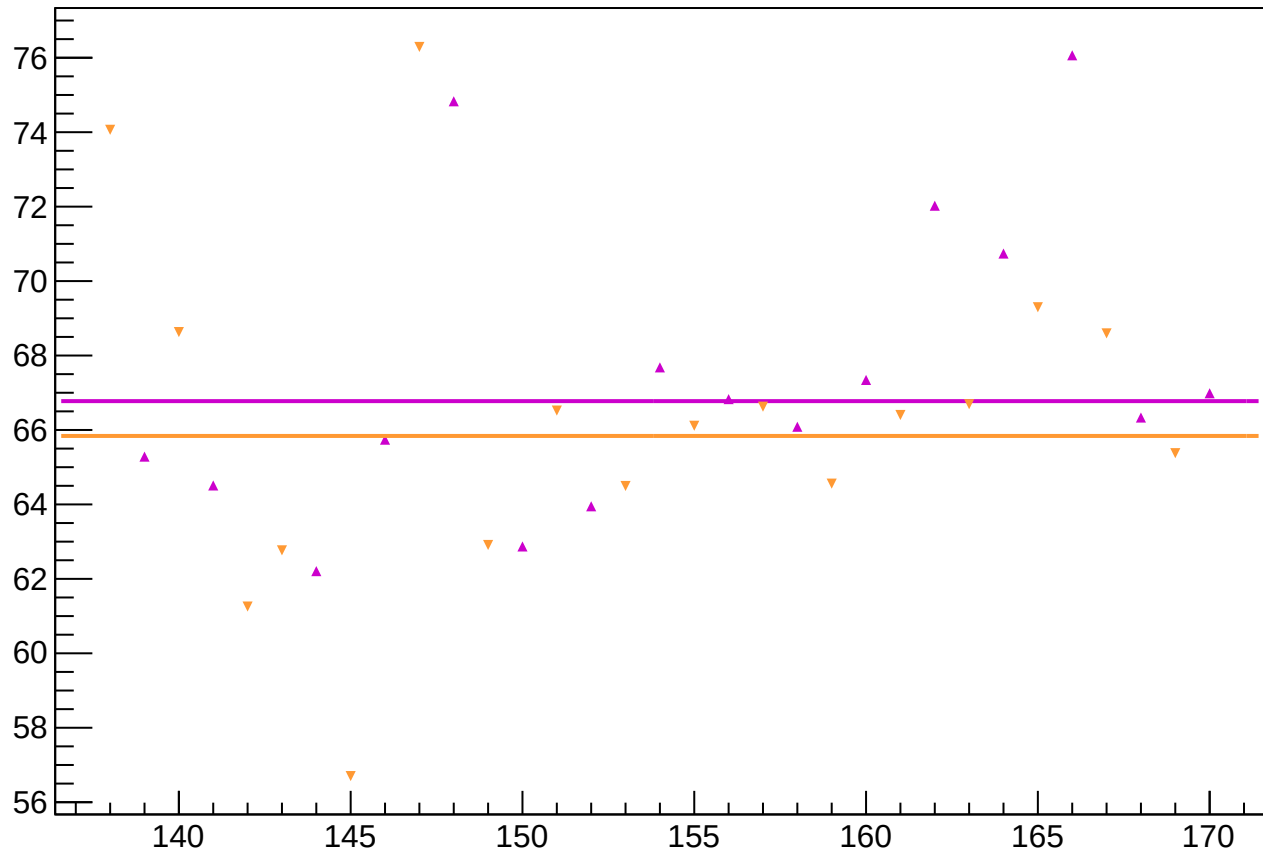
Left In: -32.637 $\pm$ 18.891 χ^2 /NDF:13.9/15

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

All: -8.250 $\pm$ 13.224 χ^2 /NDF: 33.3/32

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

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.840+/-0.013 χ^2/NDF :108806.6/16

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

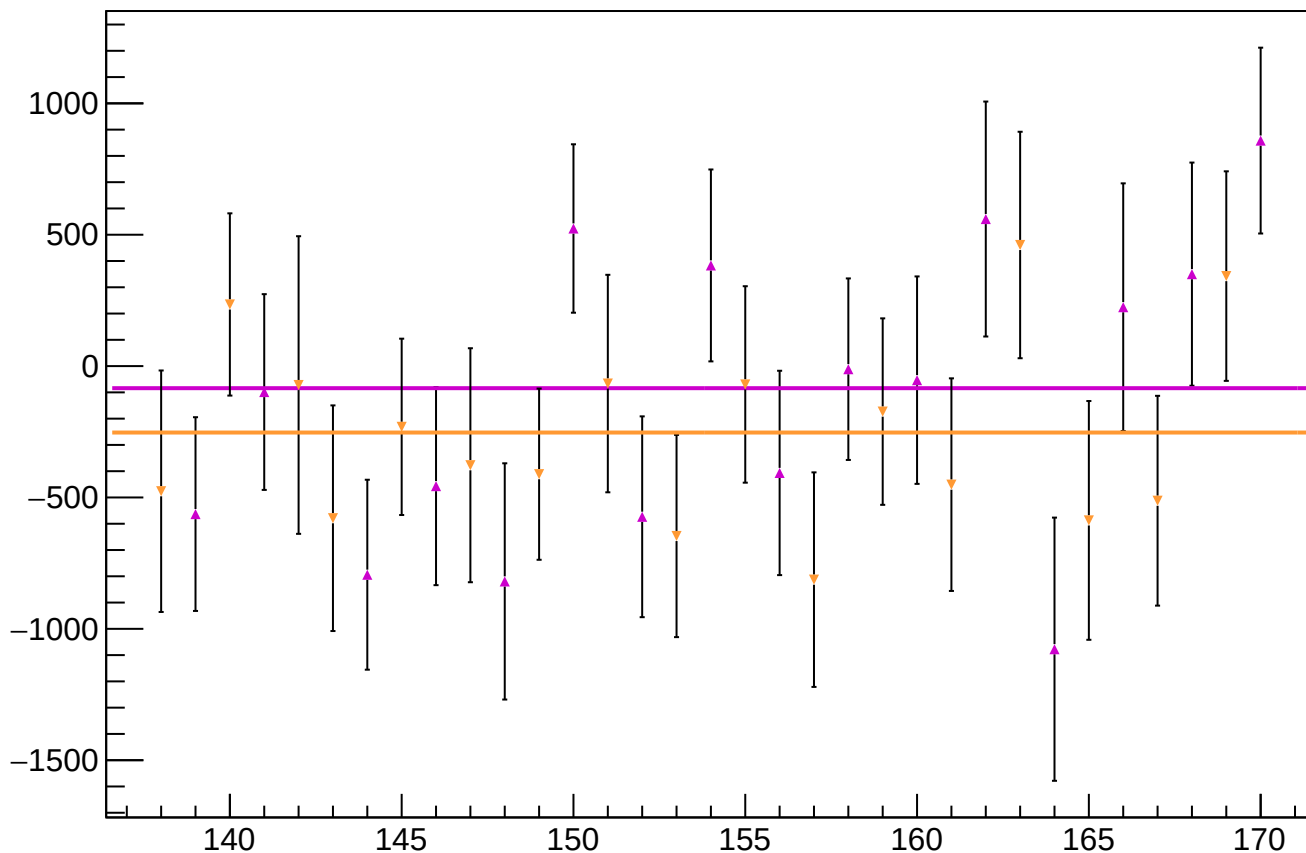
Left In: 66.775+/-0.013 χ^2/NDF :69590.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.298+/-0.009 χ^2/NDF : 180897.9/32

- 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: -252.852+/-96.442 χ^2/NDF :12.8/16

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

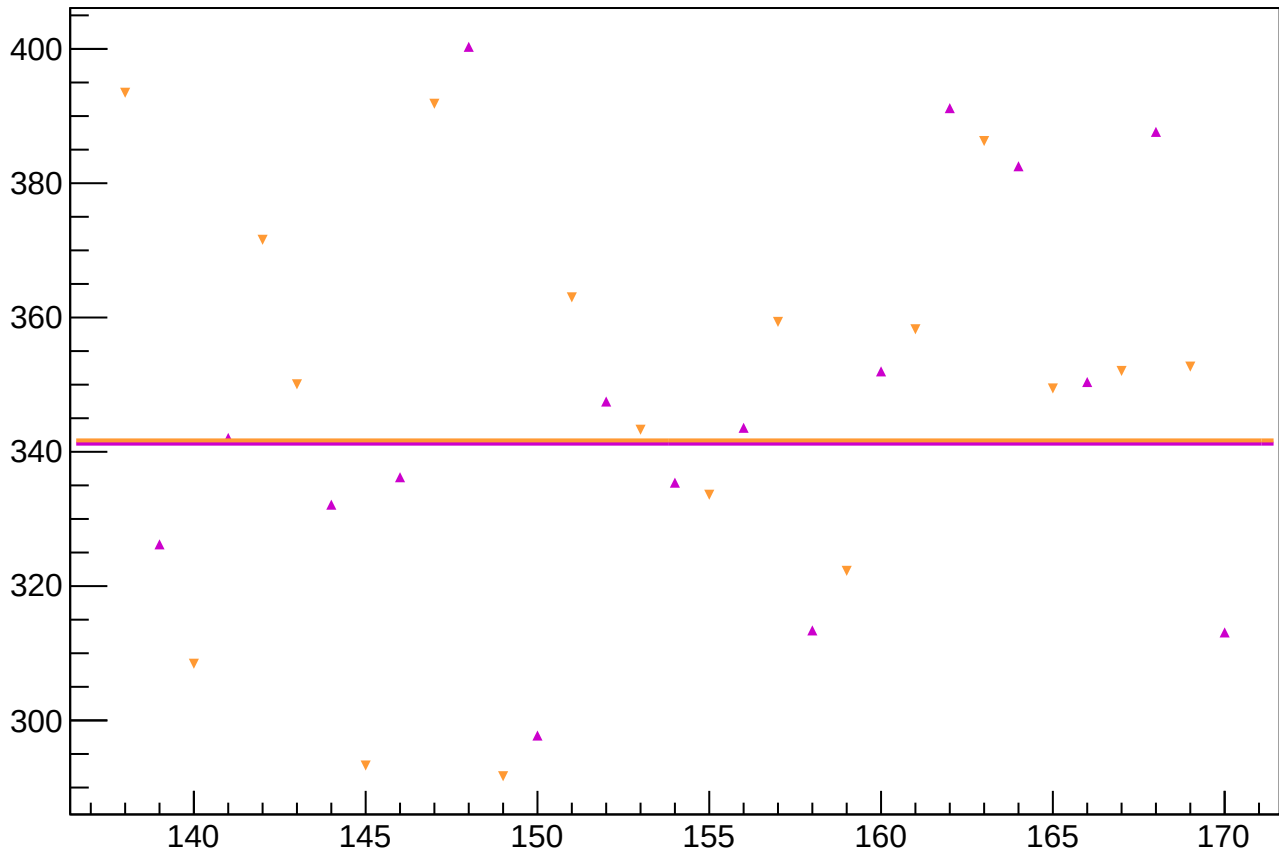
Left In: -84.050+/-96.800 χ^2/NDF :31.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.764+/-68.321 χ^2/NDF : 45.7/32

- 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: 341.697+/-0.068 χ^2/NDF : 208424.4/16

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

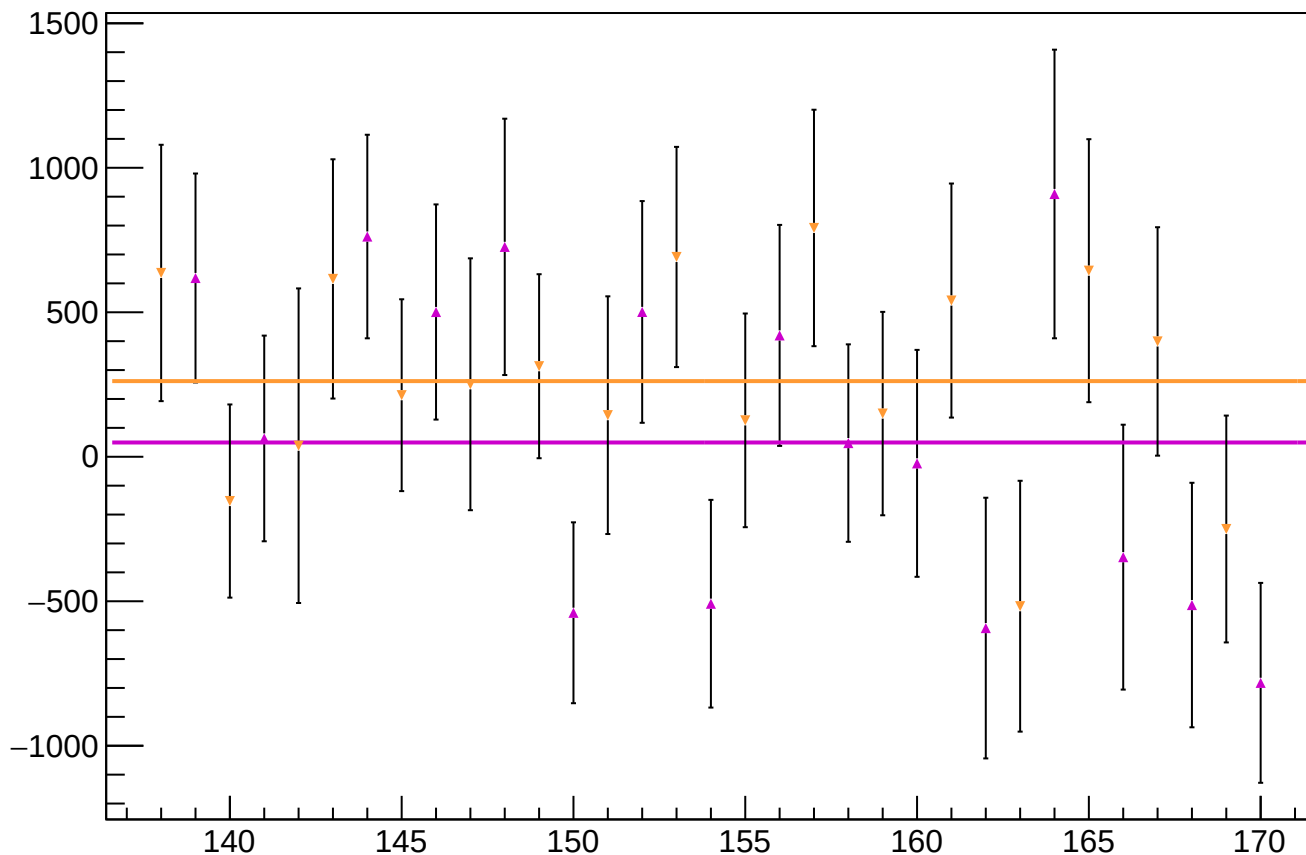
Left In: 341.217+/-0.068 χ^2/NDF : 167747.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.458+/-0.048 χ^2/NDF : 376196.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 261.775 $\pm$ 95.026 χ^2 /NDF:12.7/16

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

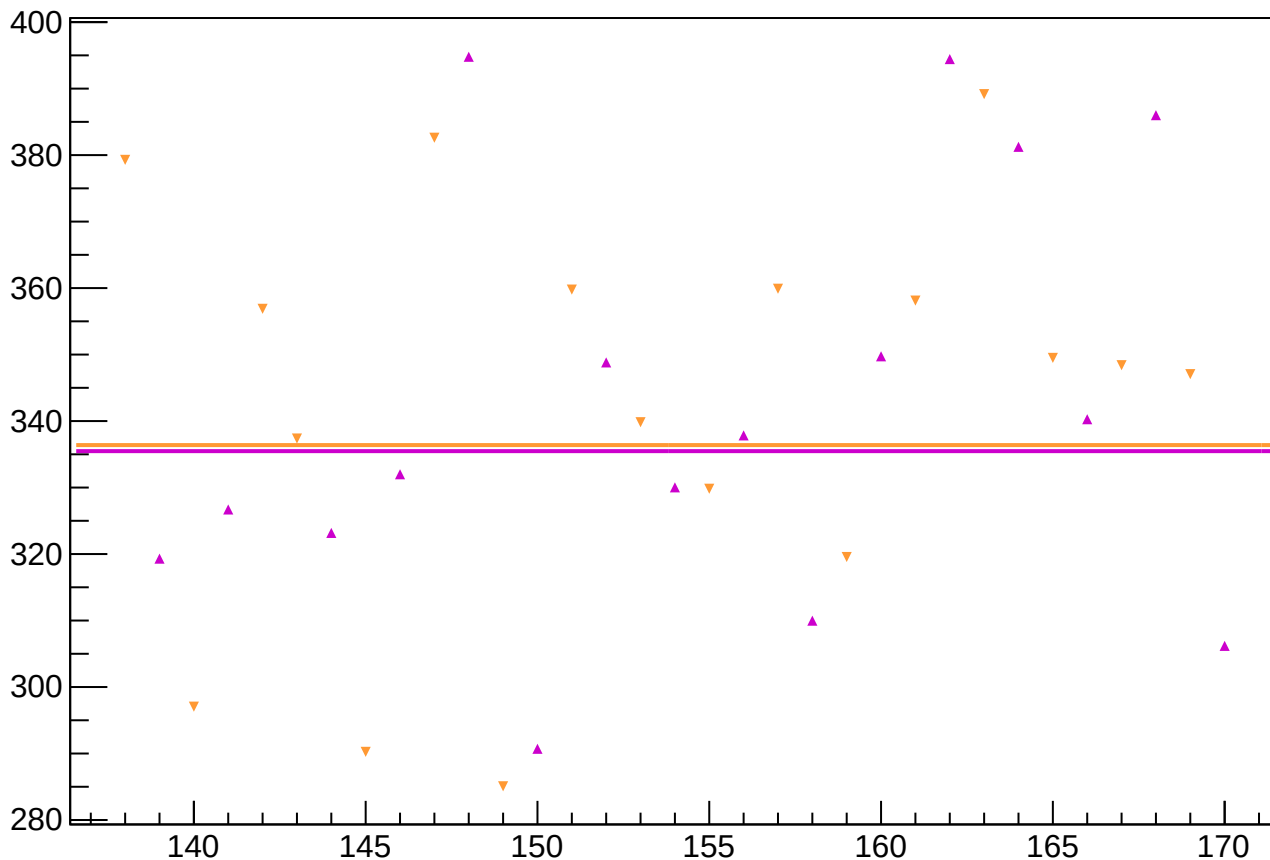
Left In: 49.389 $\pm$ 95.269 χ^2 /NDF:32.0/15

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

All: 155.853 $\pm$ 67.280 χ^2 /NDF: 47.2/32

- sign 0.000 $\pm$ 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: 336.387+/-0.067 χ^2/NDF :221128.1/16

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

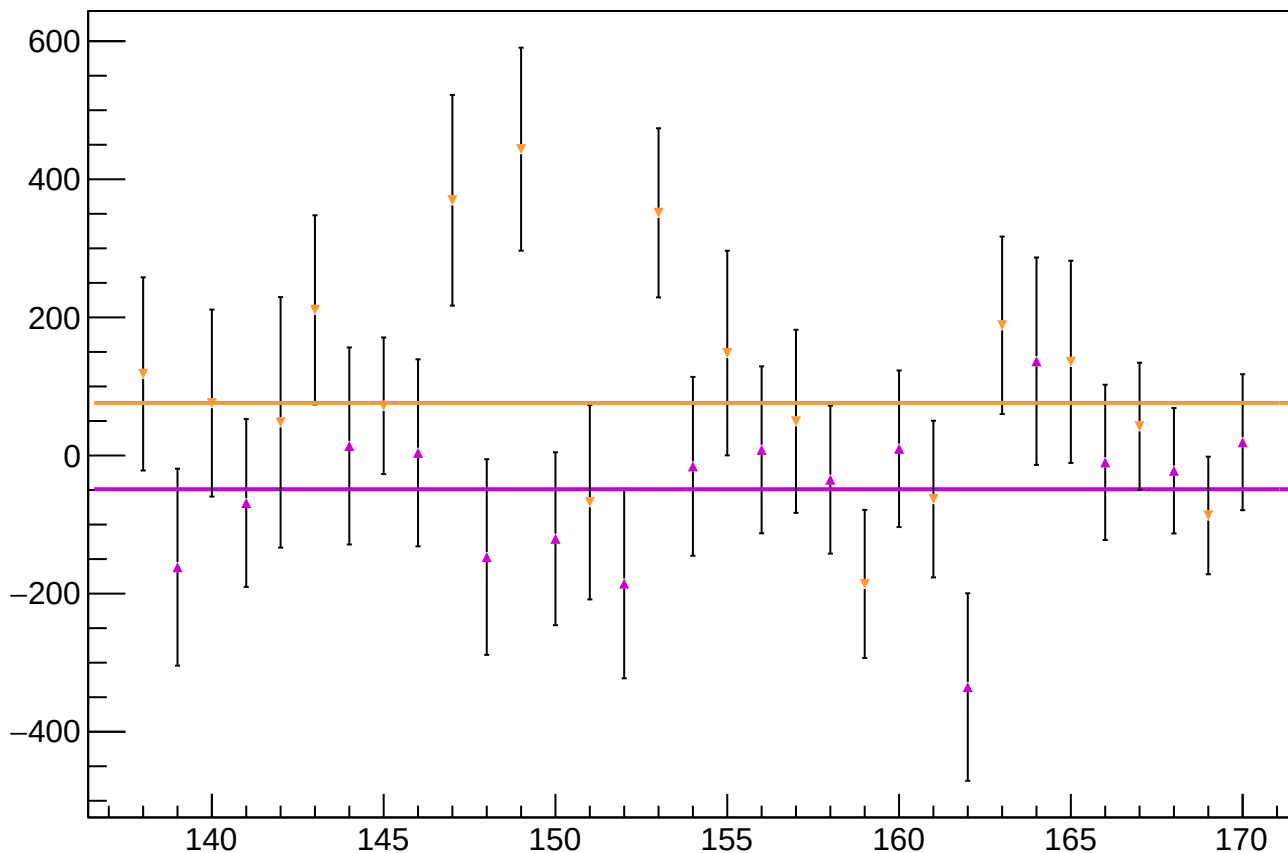
Left In: 335.477+/-0.067 χ^2/NDF :195310.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.933+/-0.048 χ^2/NDF : 416529.8/32

- 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: 76.172+/-29.770 χ^2/NDF :29.6/16

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

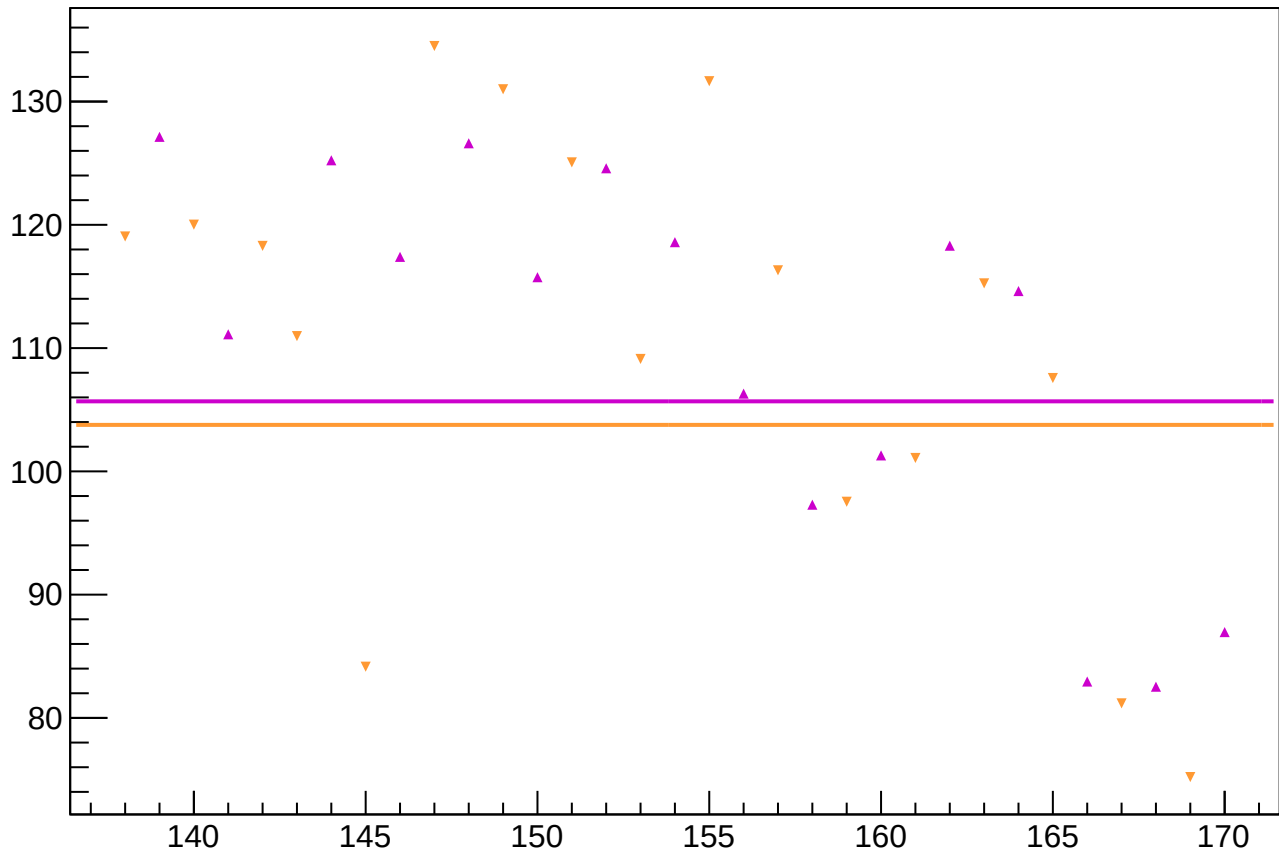
Left In: -48.811+/-30.395 χ^2/NDF :10.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.979+/-21.268 χ^2/NDF : 48.3/32

- 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: 103.771+/-0.021 χ^2/NDF : 808624.8/16

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

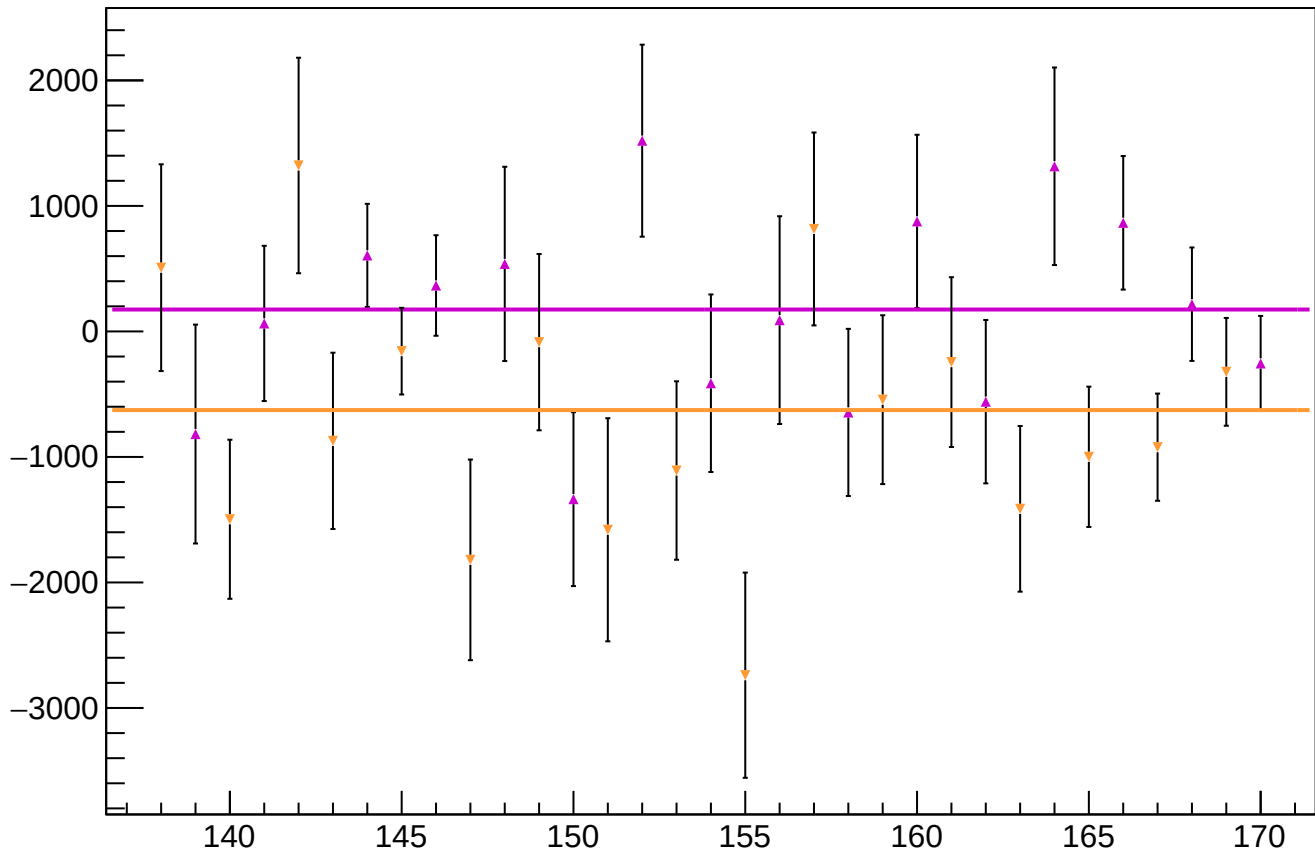
Left In: 105.681+/-0.021 χ^2/NDF : 540041.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.706+/-0.015 χ^2/NDF : 1352698.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -626.724 $\pm$ 146.542 χ^2 /NDF:28.7/16

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

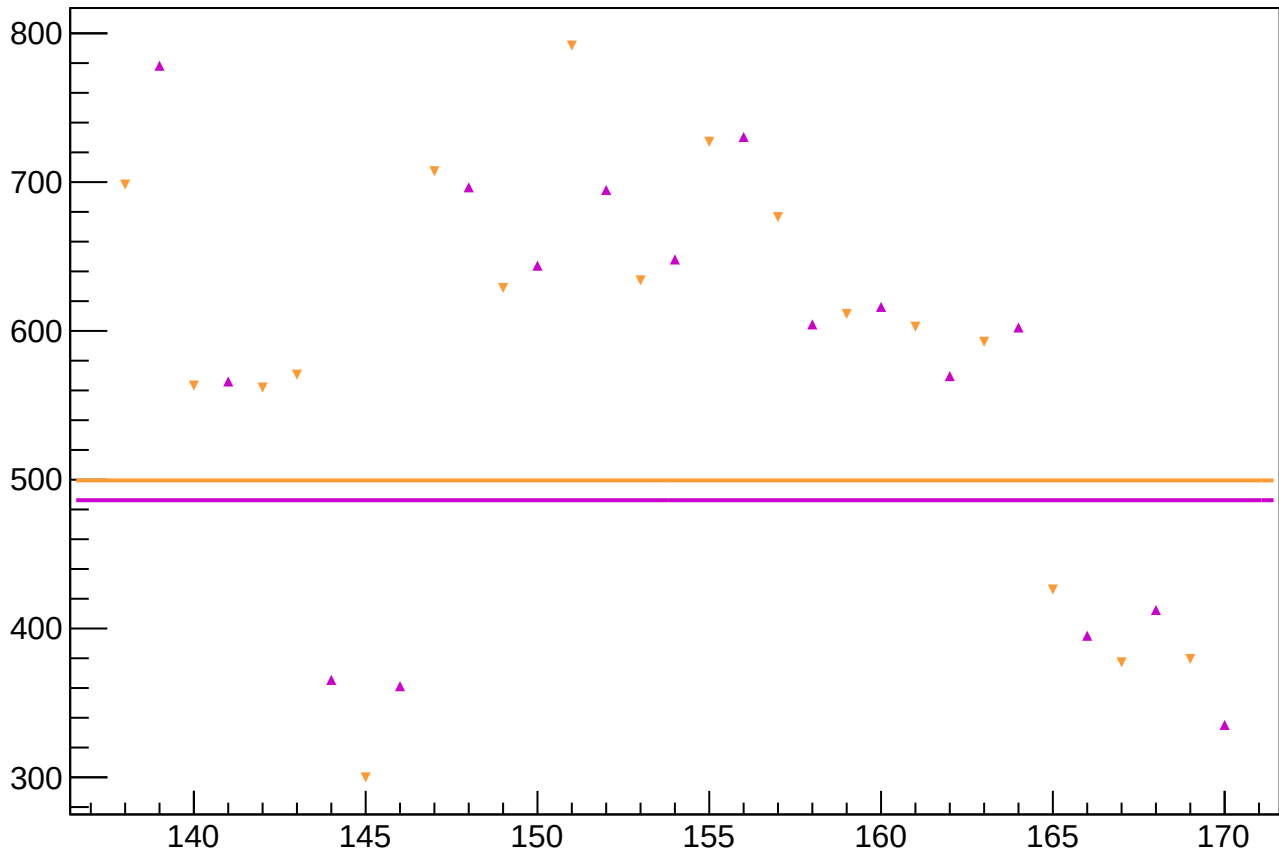
Left In: 174.575 $\pm$ 143.219 χ^2 /NDF:20.3/15

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

All: -216.887 $\pm$ 102.426 χ^2 /NDF: 64.3/32

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

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 499.518+/-0.104 χ^2/NDF :2084679.0/16

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

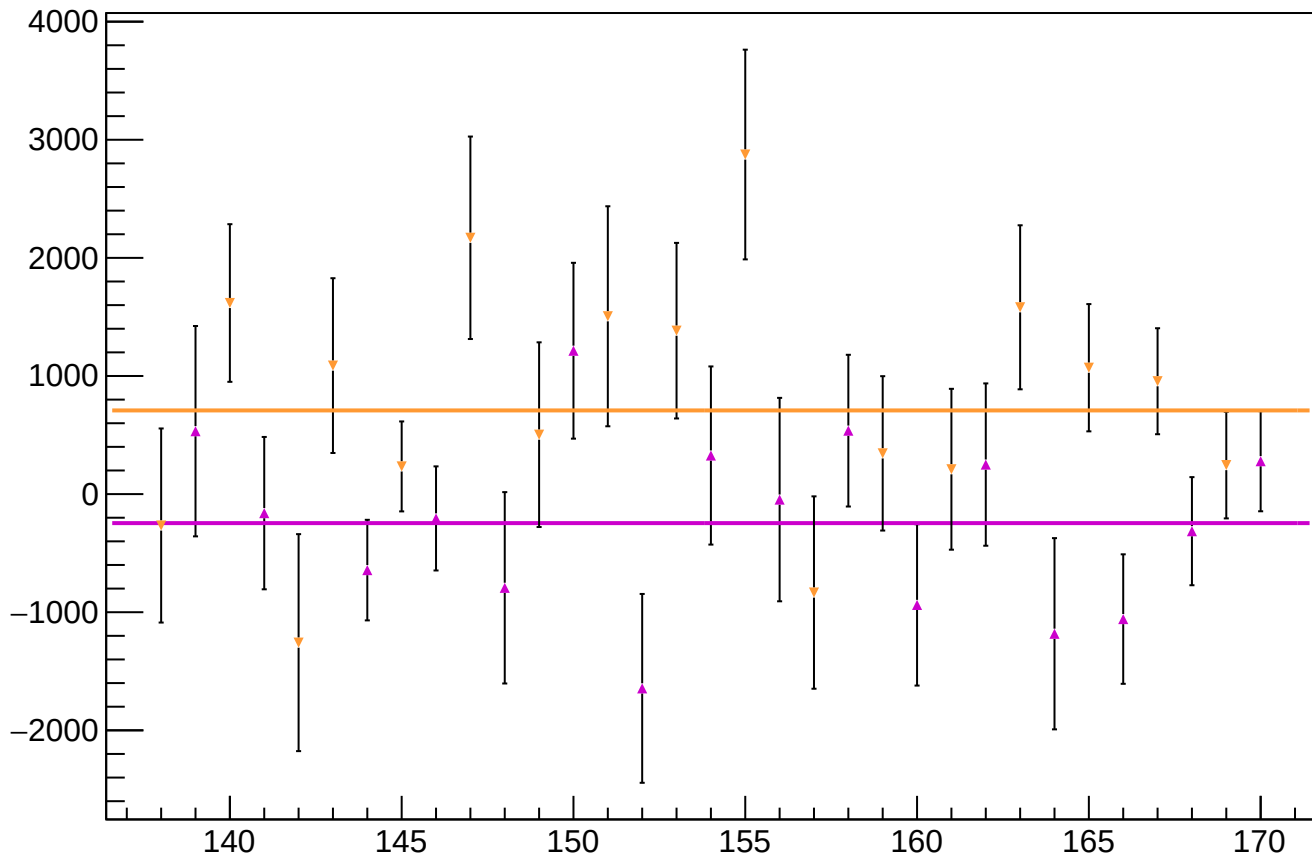
Left In: 486.211+/-0.101 χ^2/NDF :1944422.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.712+/-0.072 χ^2/NDF : 4037535.4/32

- 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: 708.426+/-153.824 χ^2/NDF : 28.0/16

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

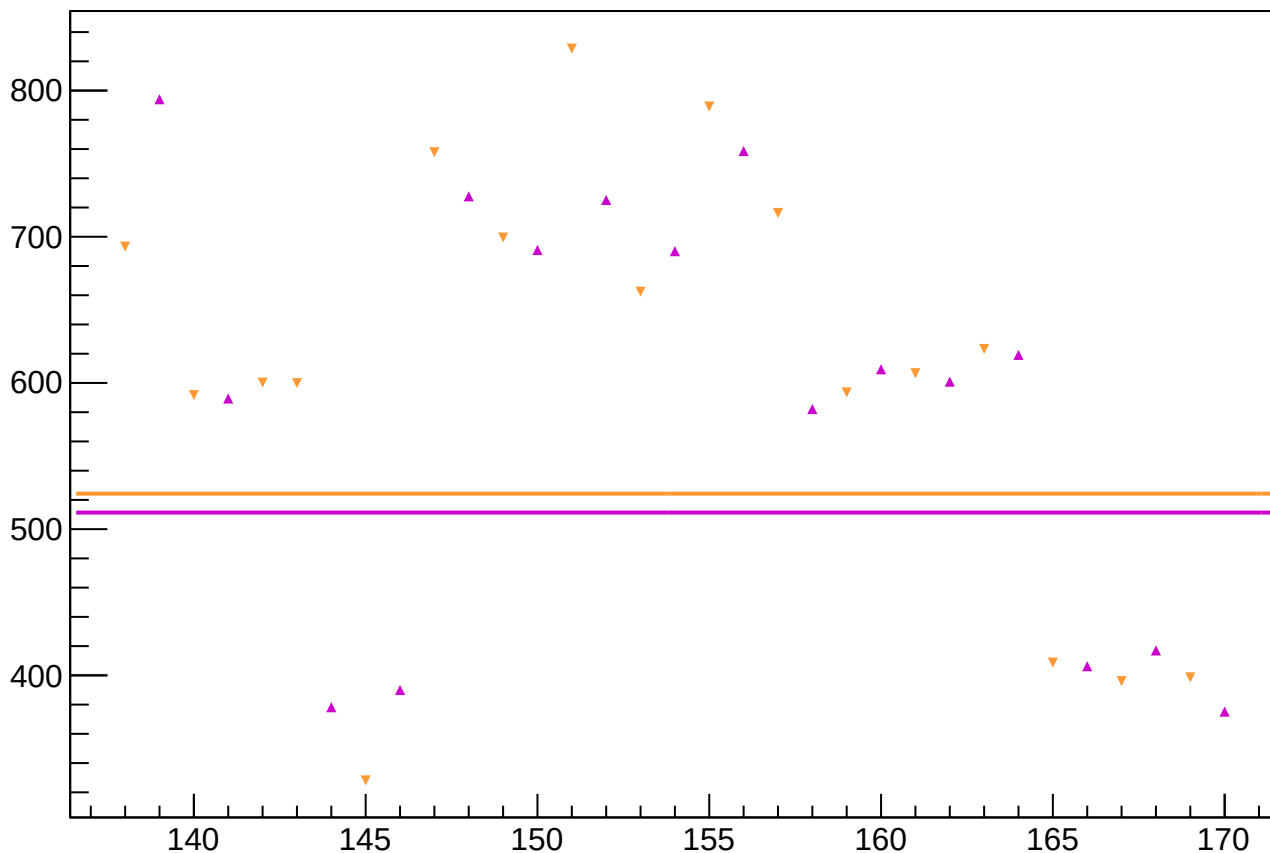
Left In: -245.662+/-150.405 χ^2/NDF : 17.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.661+/-107.541 χ^2/NDF : 65.4/32

- 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: 524.306+/-0.109 χ^2/NDF :1993501.6/16

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

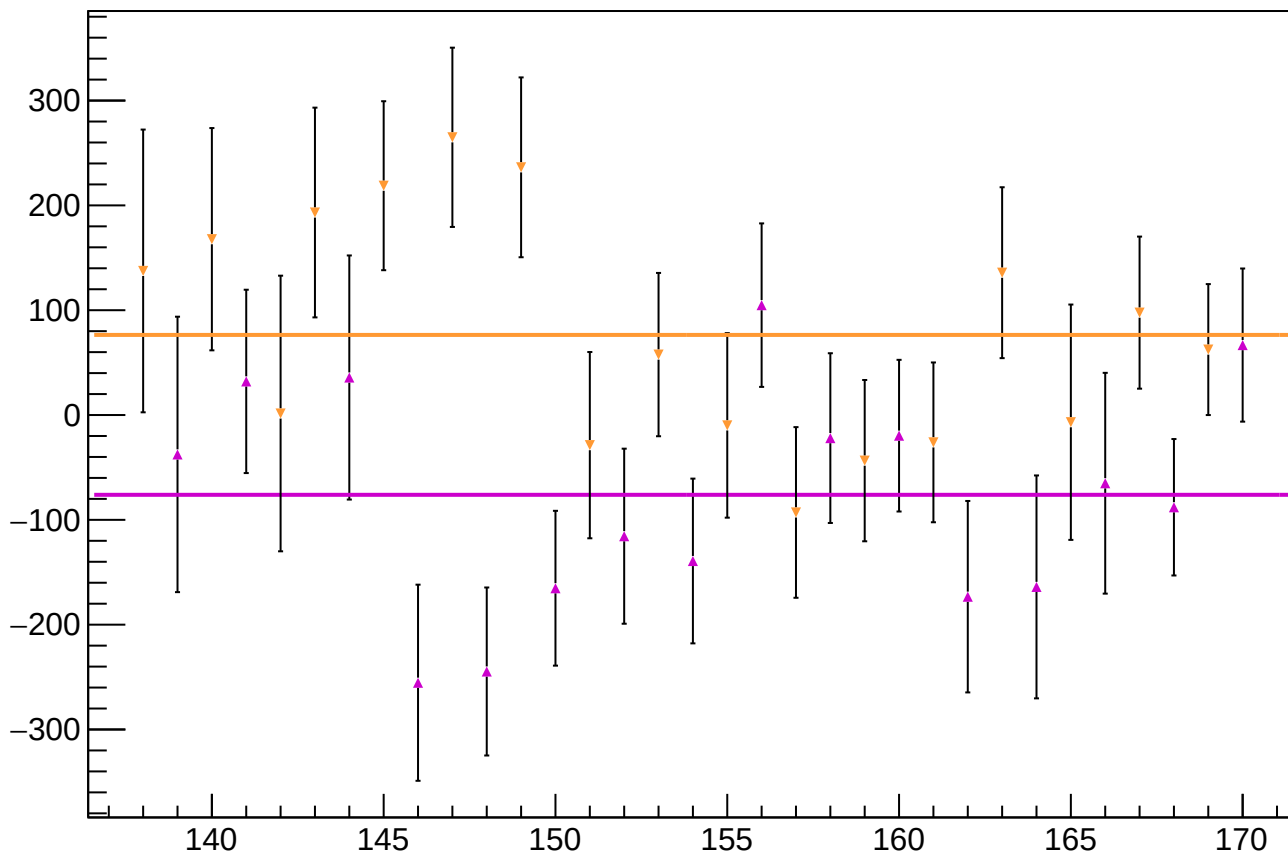
Left In: 511.350+/-0.106 χ^2/NDF :1757163.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.683+/-0.076 χ^2/NDF : 3757917.8/32

- 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: 76.424+/-20.776 χ^2/NDF : 26.3/16

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

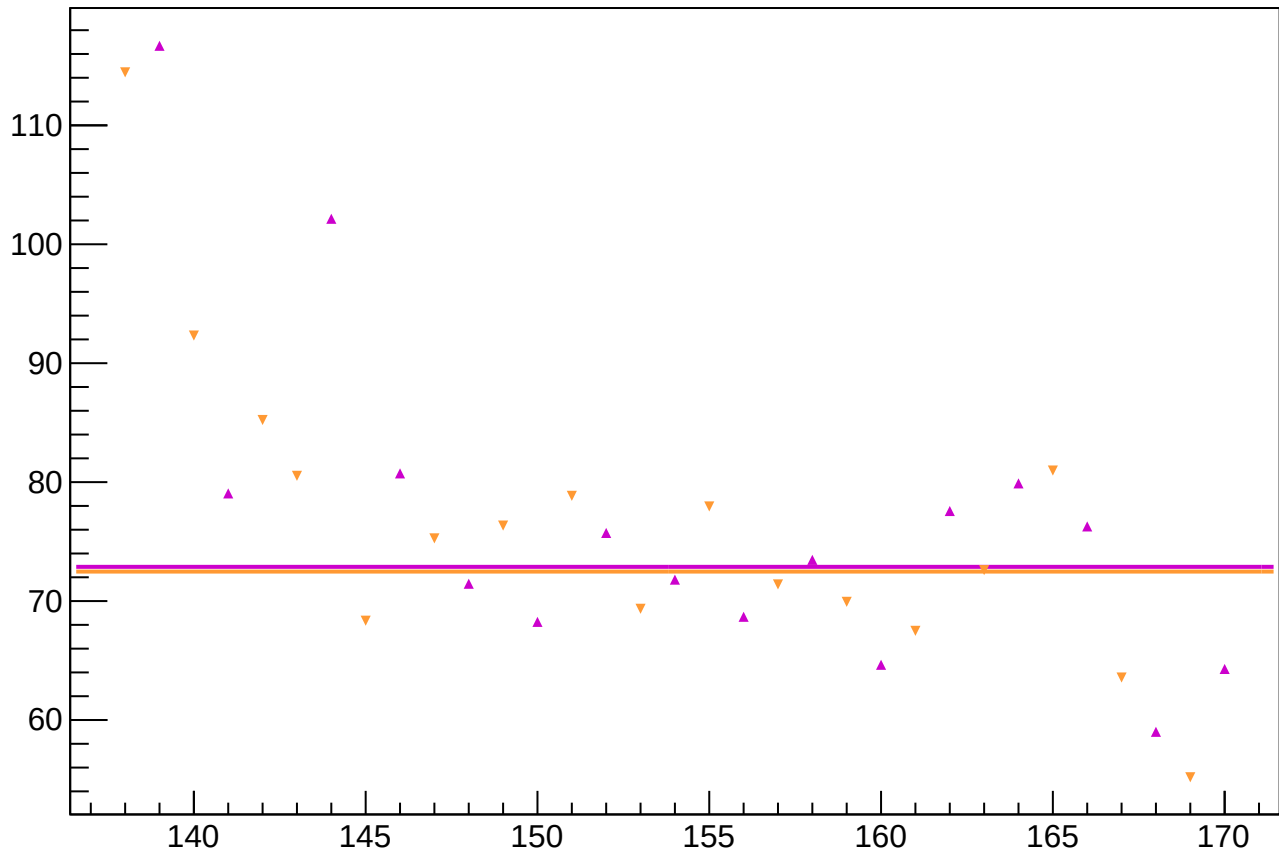
Left In: -76.119+/-21.077 χ^2/NDF : 25.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.251+/-14.796 χ^2/NDF : 77.9/32

- 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: 72.480+/-0.015 χ^2/NDF :534230.1/16

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

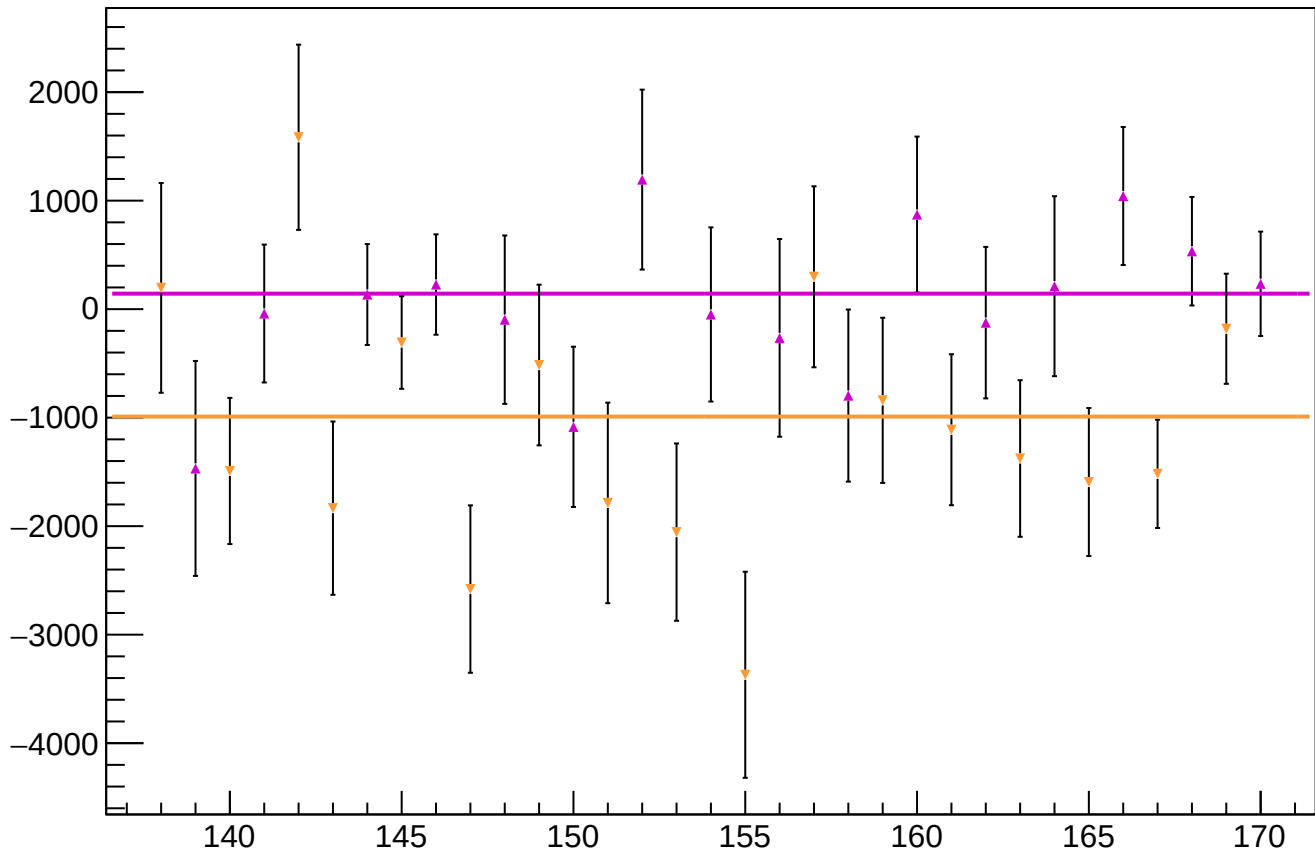
Left In: 72.878+/-0.015 χ^2/NDF :550331.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.676+/-0.010 χ^2/NDF : 1084923.6/32

- 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: -990.035+/-166.226 χ^2/NDF : 35.4/16

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

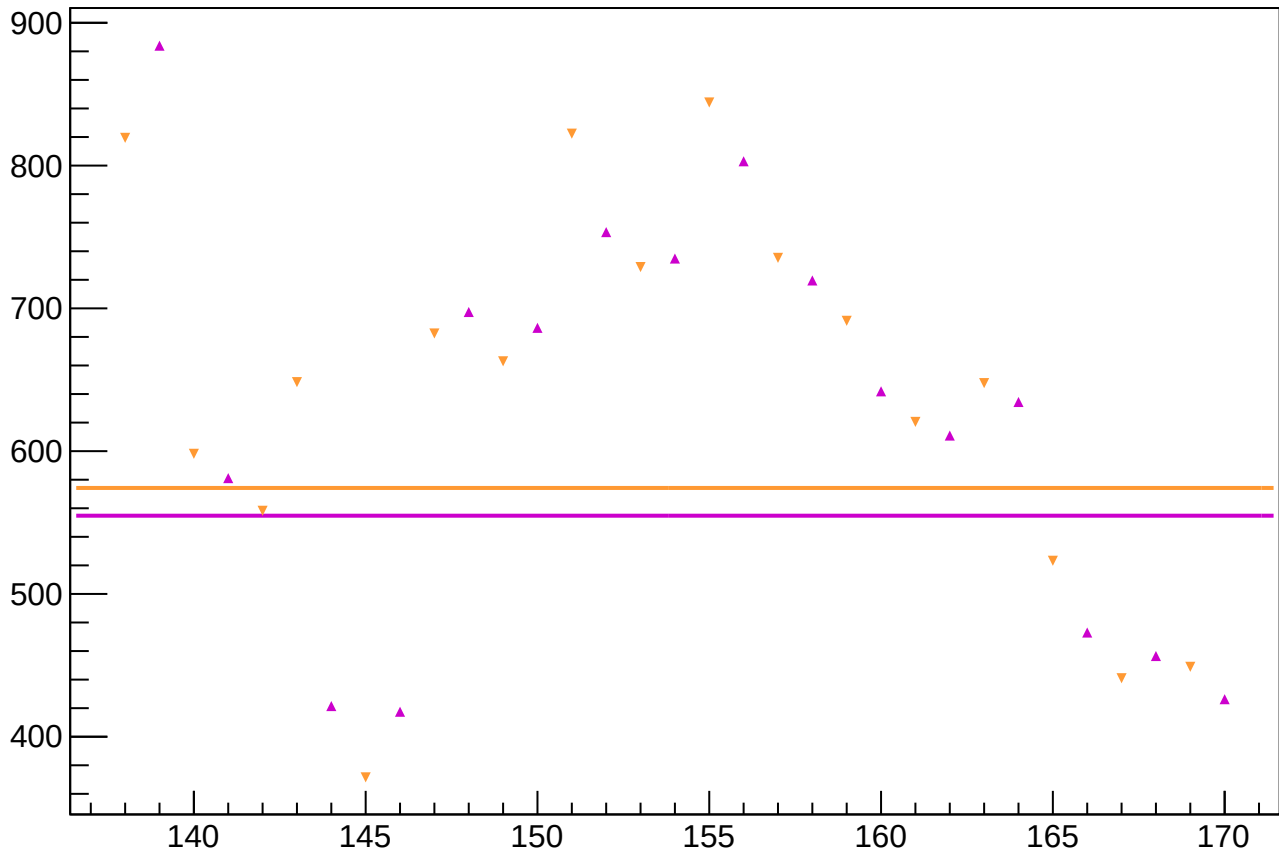
Left In: 142.827+/-161.539 χ^2/NDF : 12.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -407.409+/-115.847 χ^2/NDF : 72.0/32

- 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: 574.230+/-0.118 χ^2/NDF :1473423.5/16

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

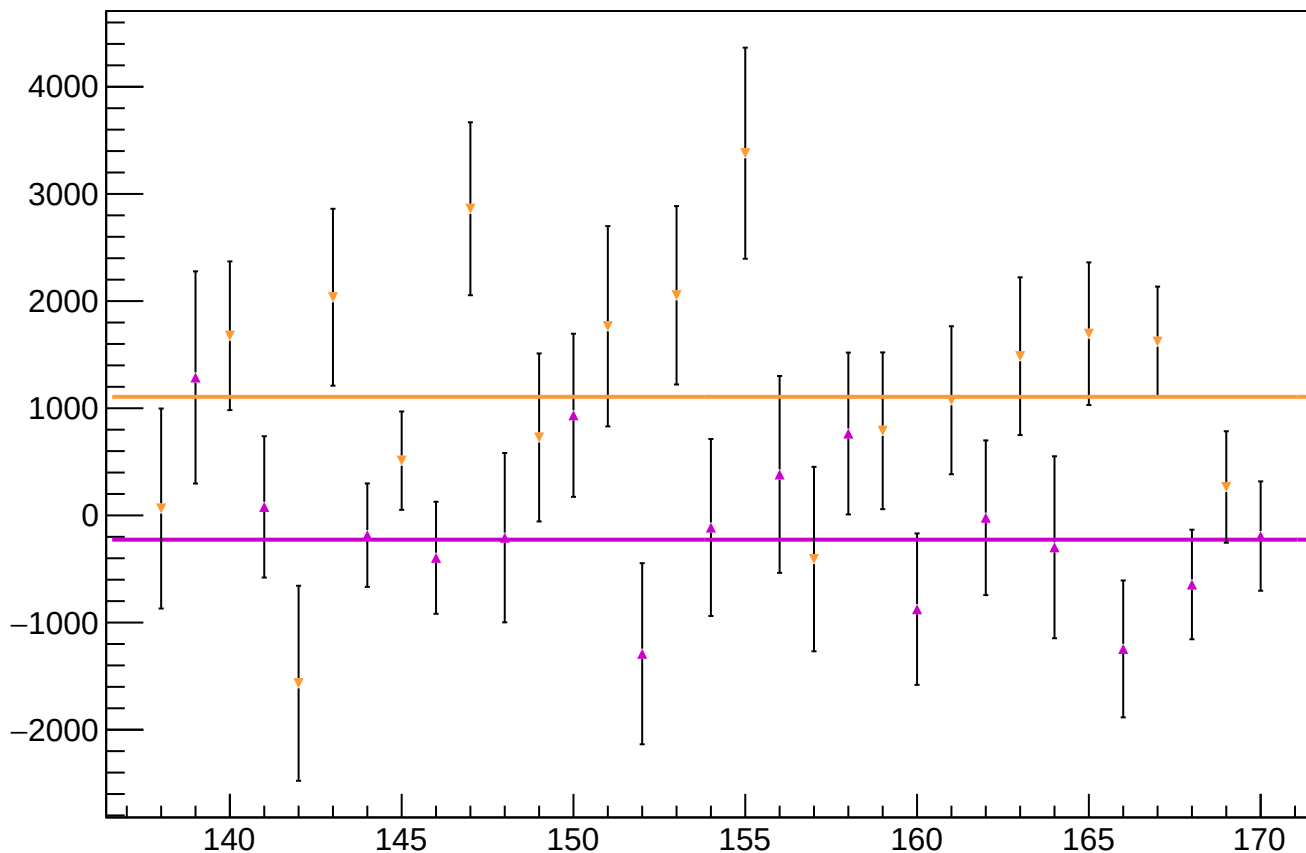
Left In: 554.799+/-0.114 χ^2/NDF :1459909.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.237+/-0.082 χ^2/NDF : 2947387.6/32

- 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: 1106.707+/-170.655 χ^2/NDF : 33.5/16

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

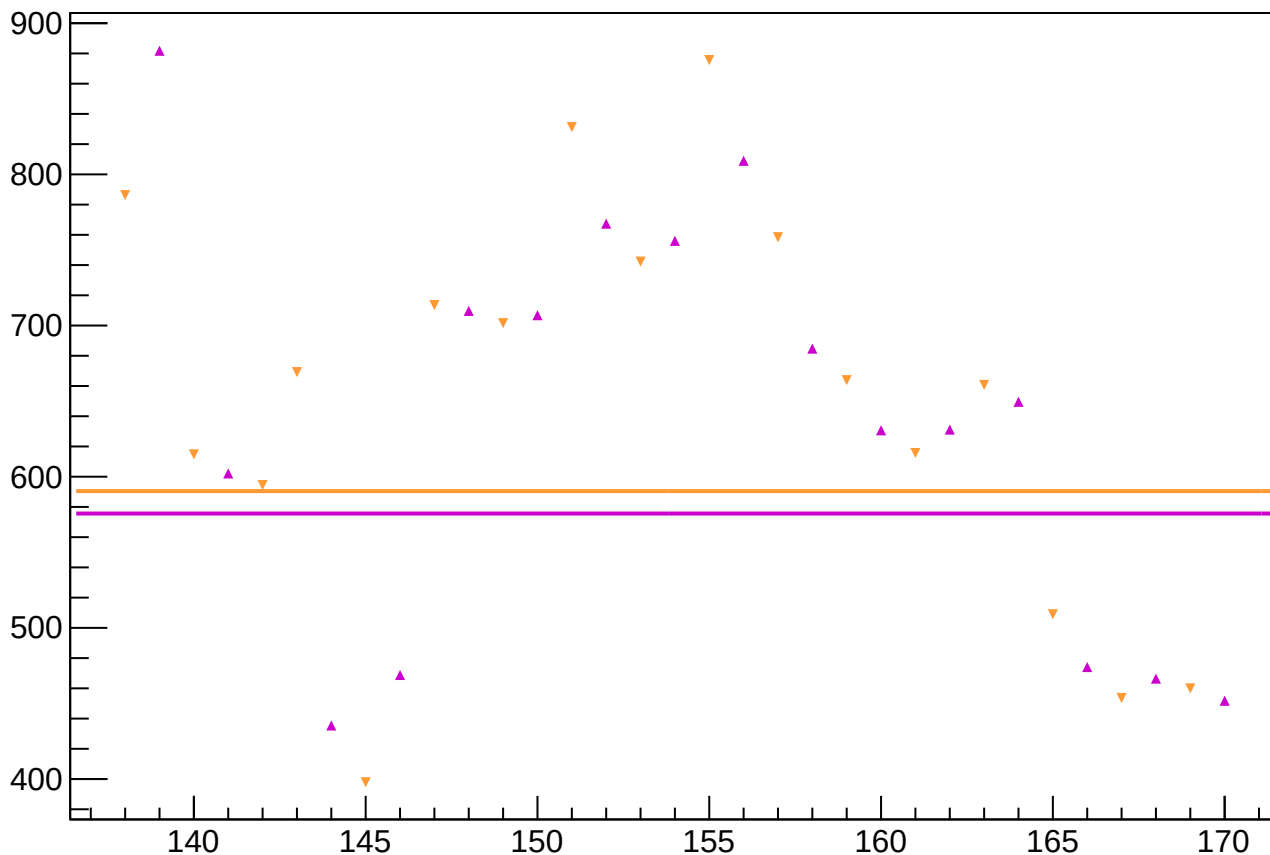
Left In: -226.356+/-167.062 χ^2/NDF : 12.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.994+/-119.381 χ^2/NDF : 77.6/32

- 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: 590.470+/-0.121 χ^2/NDF :1329924.1/16

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

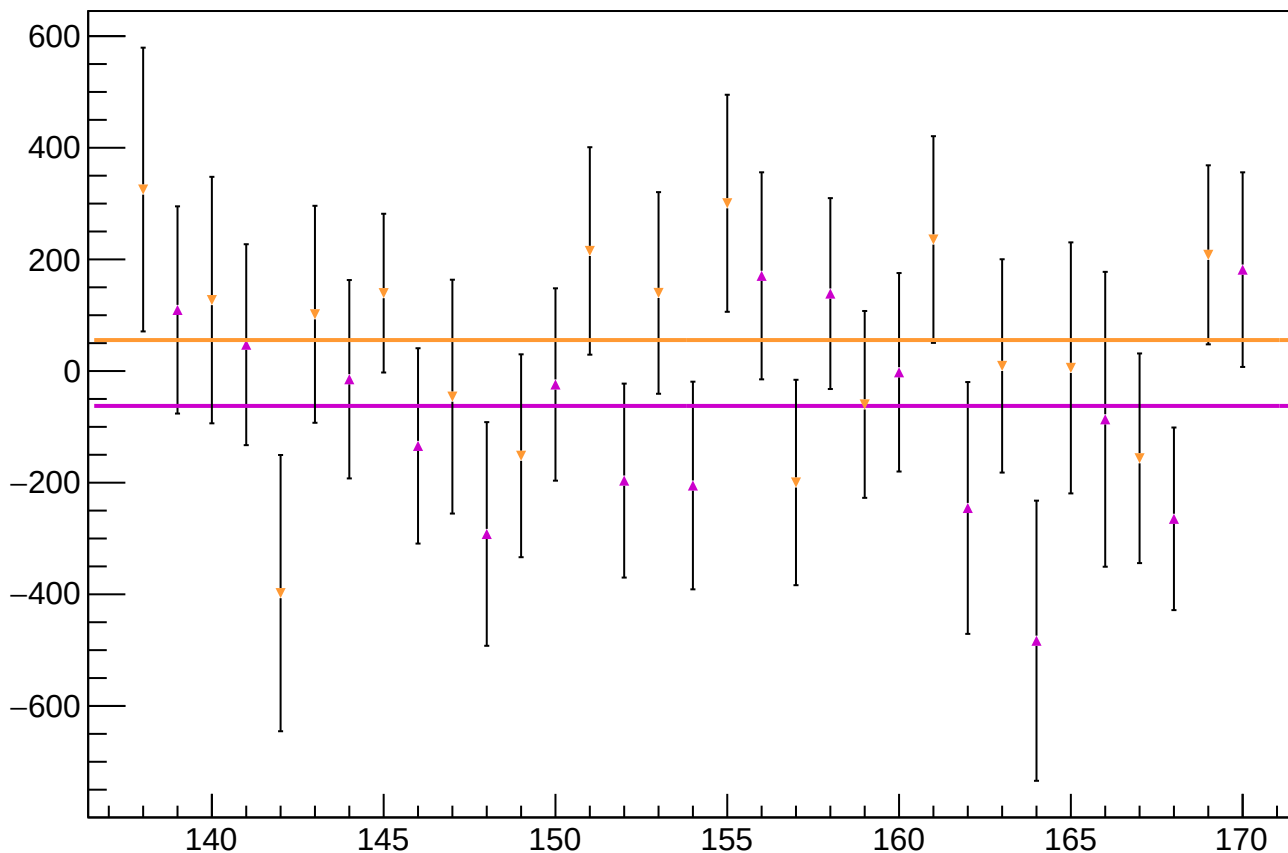
Left In: 575.637+/-0.118 χ^2/NDF :1231631.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.895+/-0.084 χ^2/NDF : 2569271.7/32

- 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: 55.507+/-45.826 χ^2/NDF :14.7/16

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

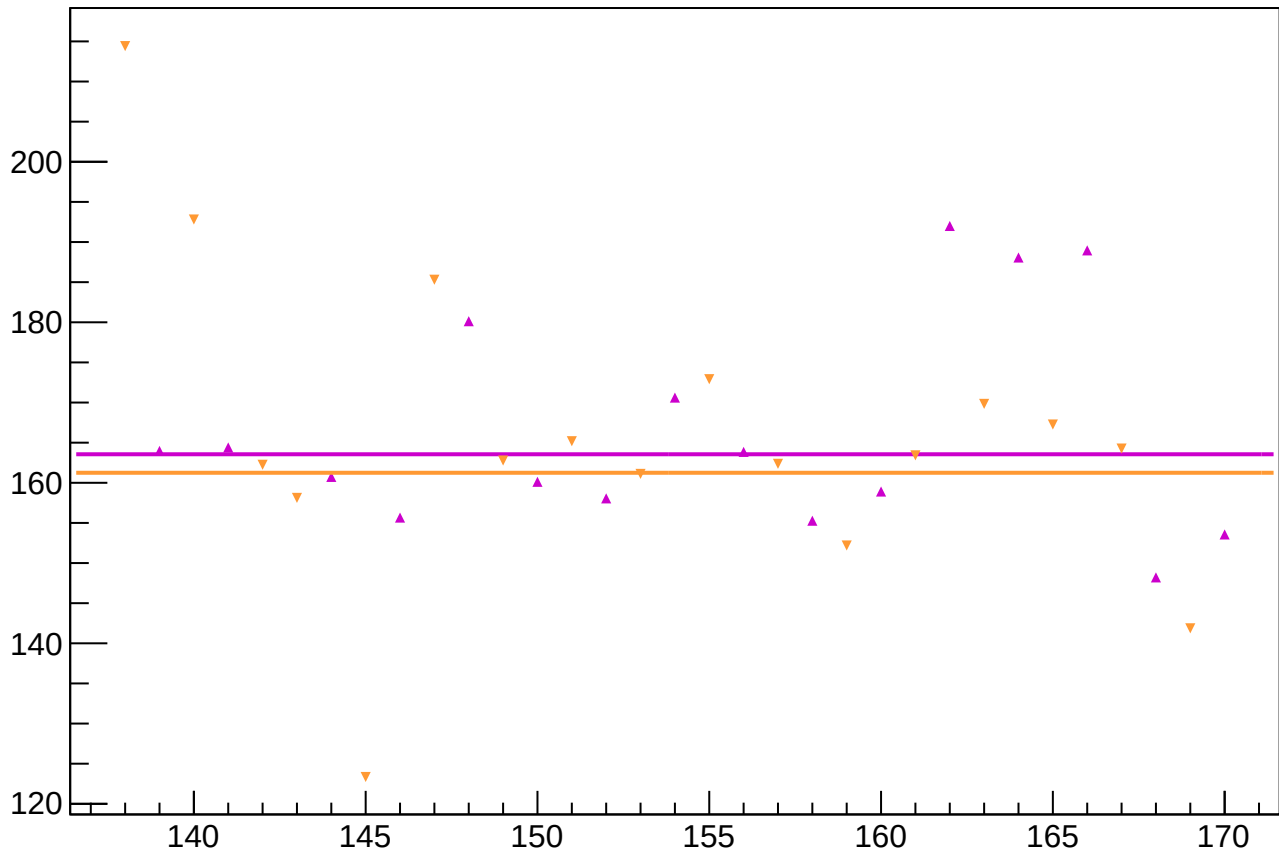
Left In: -62.475+/-46.630 χ^2/NDF :14.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.458+/-32.684 χ^2/NDF : 32.0/32

- 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: 161.250+/-0.032 χ^2/NDF : 347028.4/16

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

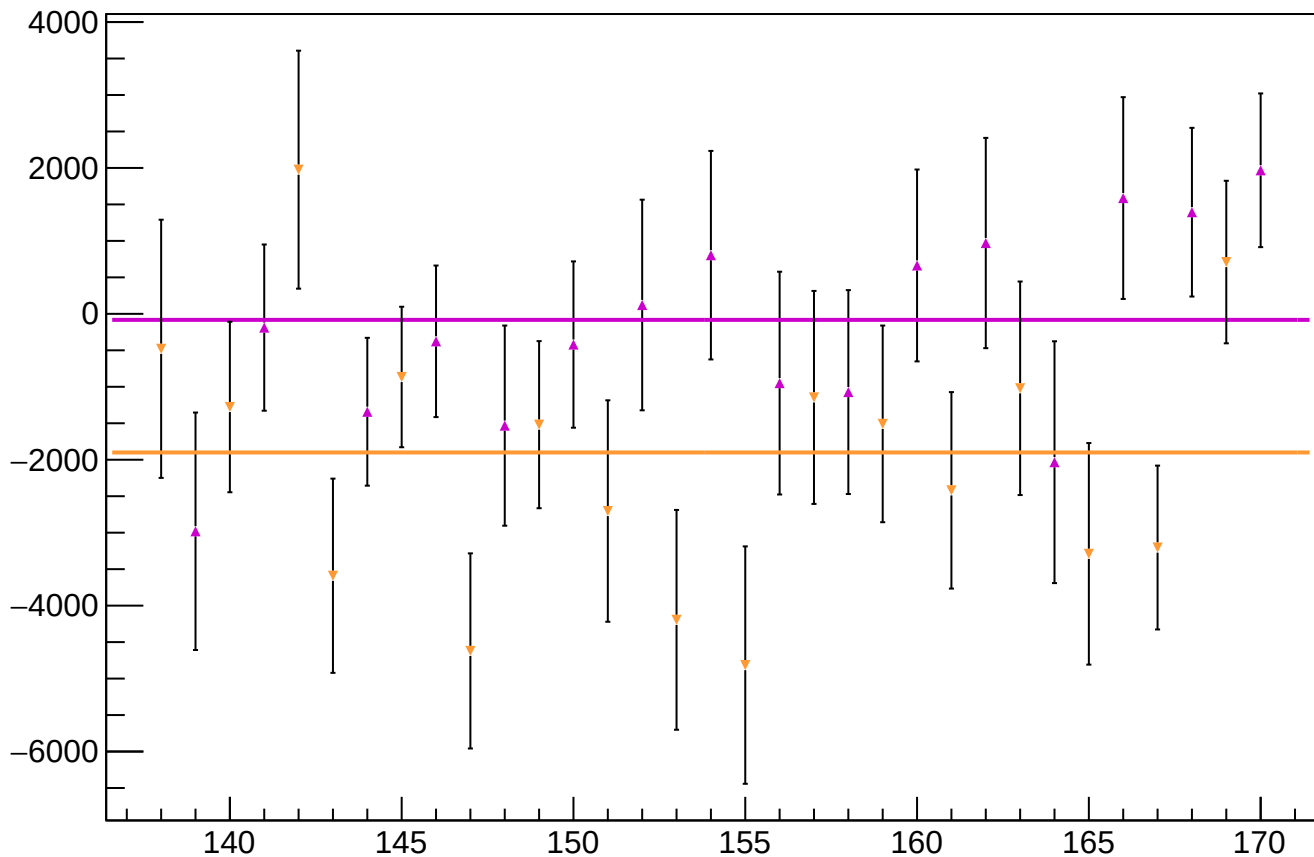
Left In: 163.556+/-0.033 χ^2/NDF : 123618.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.383+/-0.023 χ^2/NDF : 473135.0/32

- 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: -1900.359+/-320.858 χ^2/NDF : 27.9/16

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

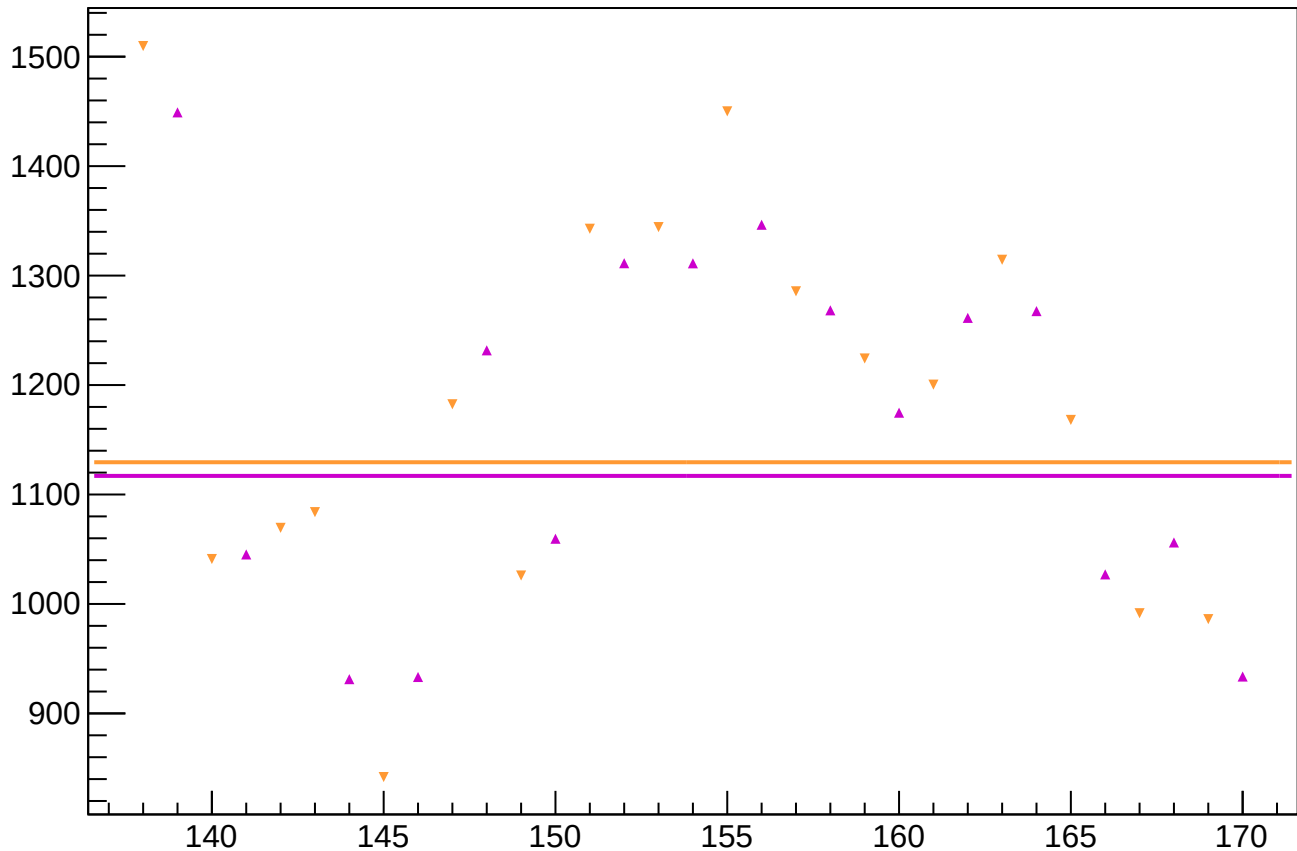
Left In: -82.595+/-318.548 χ^2/NDF : 16.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -984.909+/-226.060 χ^2/NDF : 60.5/32

- 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: 1129.474+/-0.227 χ^2/NDF : 599314.2/16

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

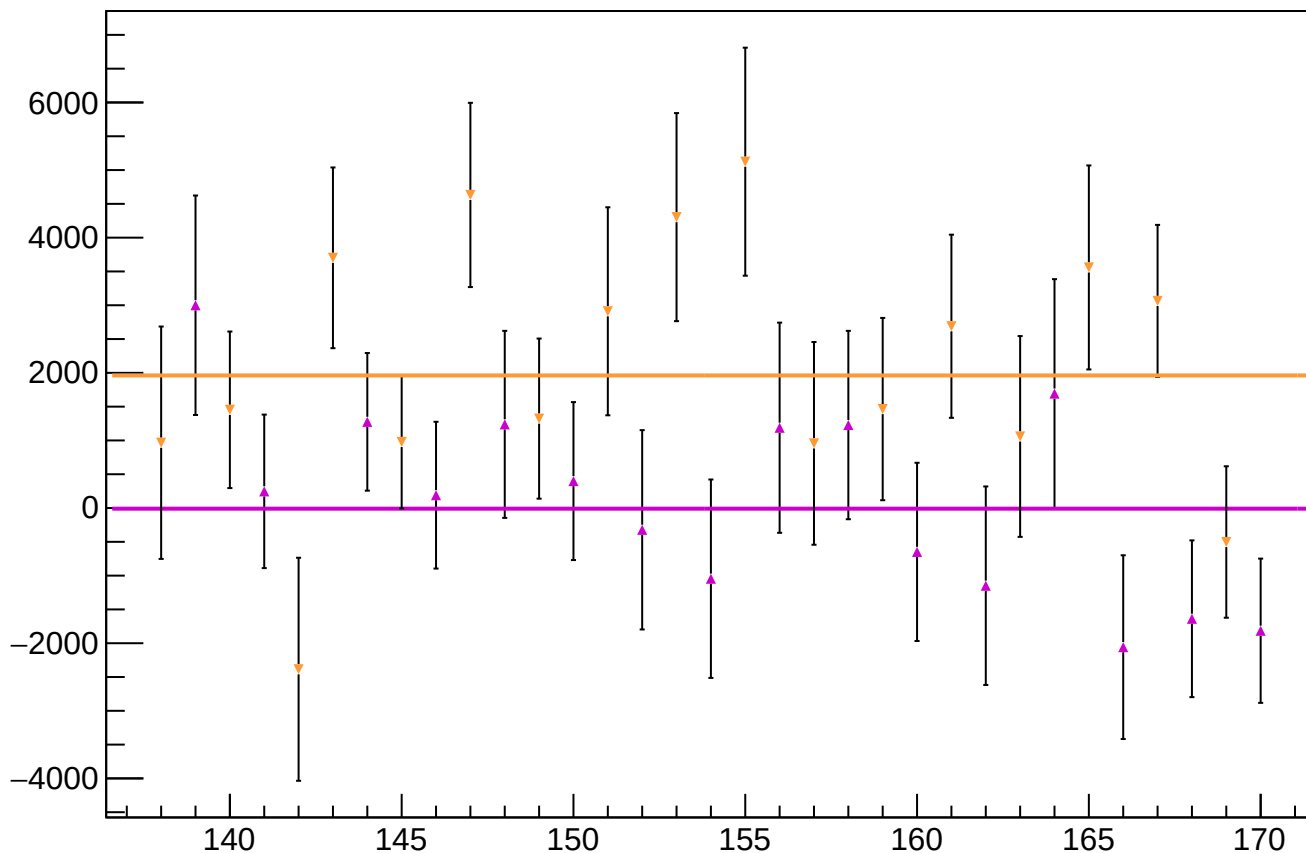
Left In: 1117.000+/-0.225 χ^2/NDF : 496710.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.192+/-0.160 χ^2/NDF : 1097547.0/32

- 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: 1961.749+/-324.220 χ^2/NDF : 28.7/16

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

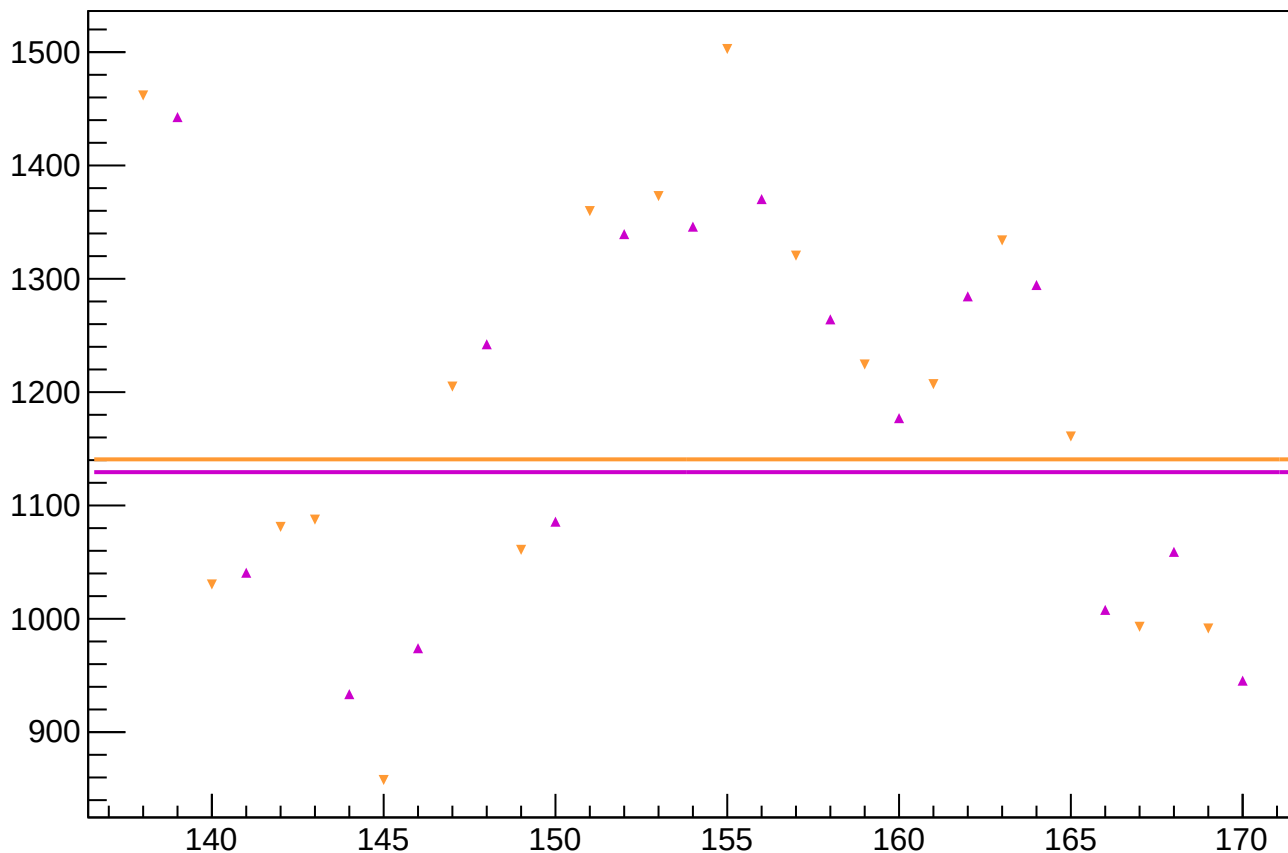
Left In: -9.505+/-322.283 χ^2/NDF : 16.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.217+/-228.570 χ^2/NDF : 64.2/32

- 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: 1140.693+/-0.229 χ^2/NDF : 596676.5/16

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

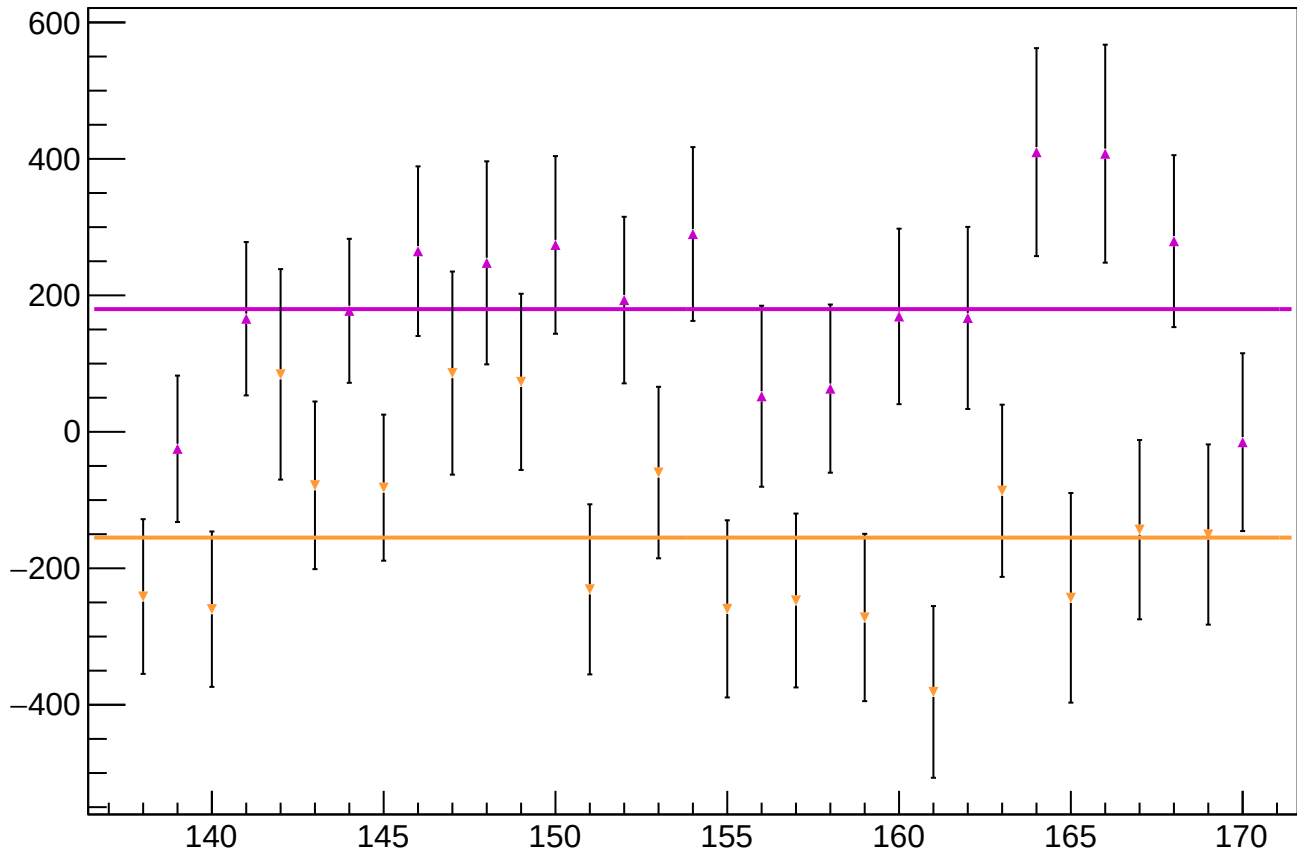
Left In: 1129.399+/-0.228 χ^2/NDF : 495450.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.012+/-0.162 χ^2/NDF : 1093347.9/32

- 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: -154.980+/-30.795 χ^2/NDF : 17.3/16

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

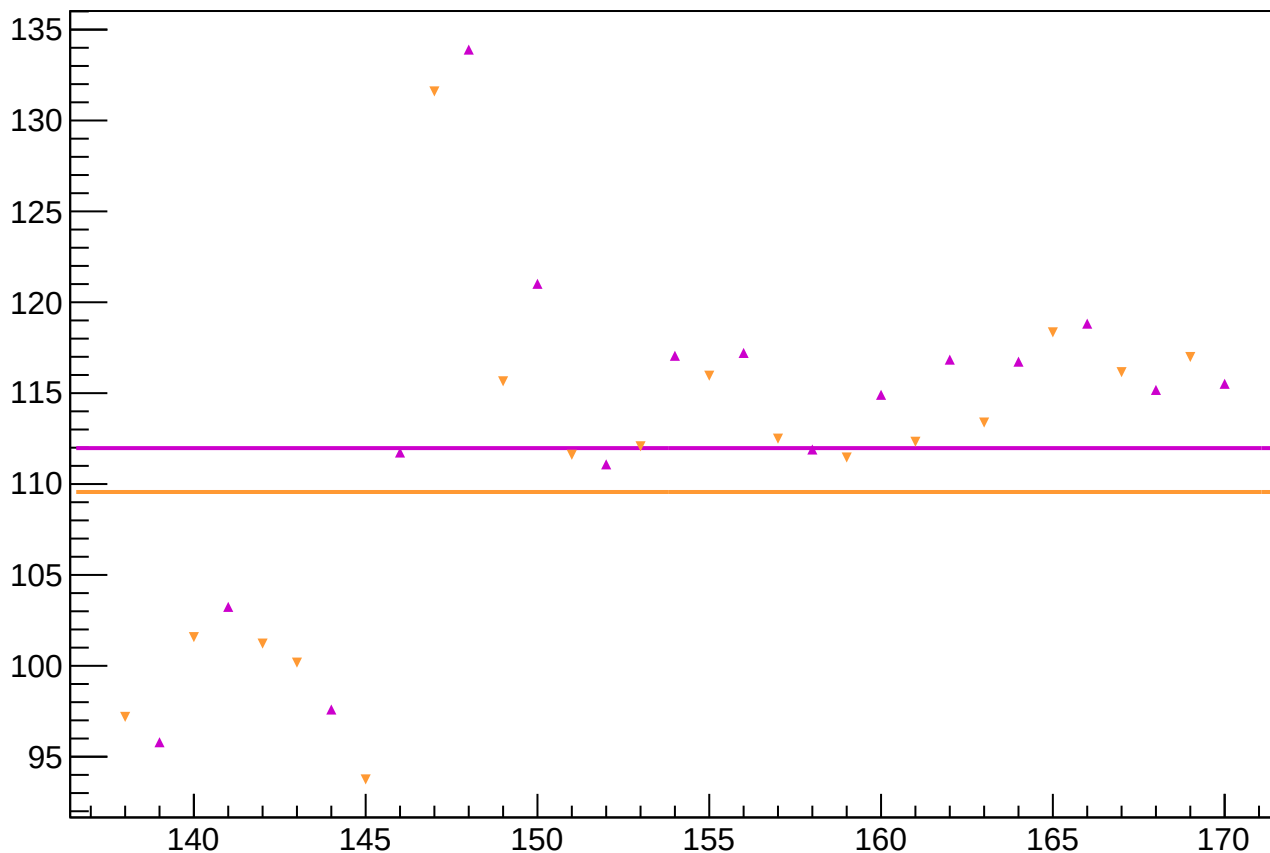
Left In: 179.836+/-31.669 χ^2/NDF : 14.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.743+/-22.078 χ^2/NDF : 89.4/32

- 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: 109.563+/-0.022 χ^2/NDF : 171557.2/16

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

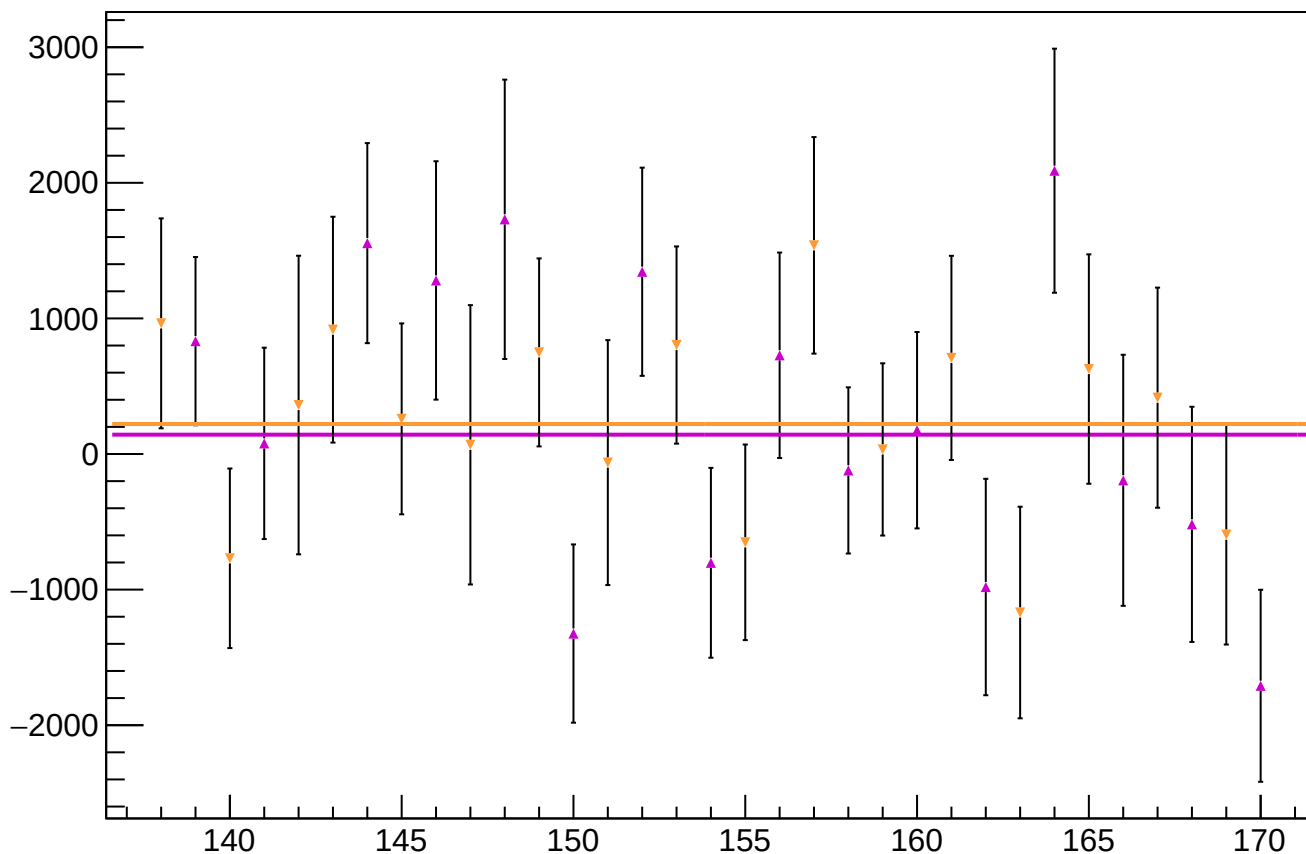
Left In: 111.977+/-0.022 χ^2/NDF : 166289.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.736+/-0.016 χ^2/NDF : 343818.8/32

- 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: 221.264+/-188.342 χ^2/NDF :14.4/16

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

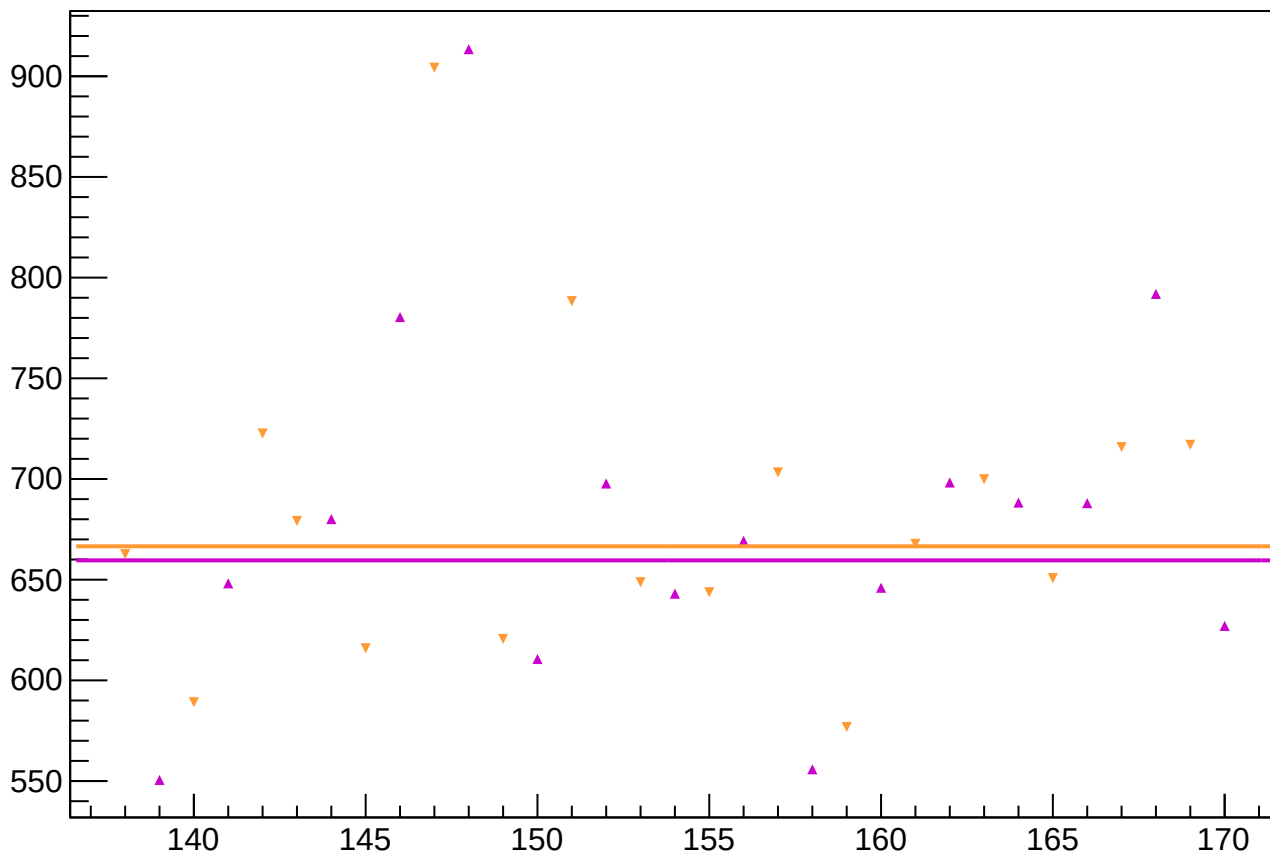
Left In: 142.558+/-187.839 χ^2/NDF :33.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.806+/-133.000 χ^2/NDF : 47.7/32

- 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: 666.579+/-0.133 χ^2/NDF : 261842.7/16

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

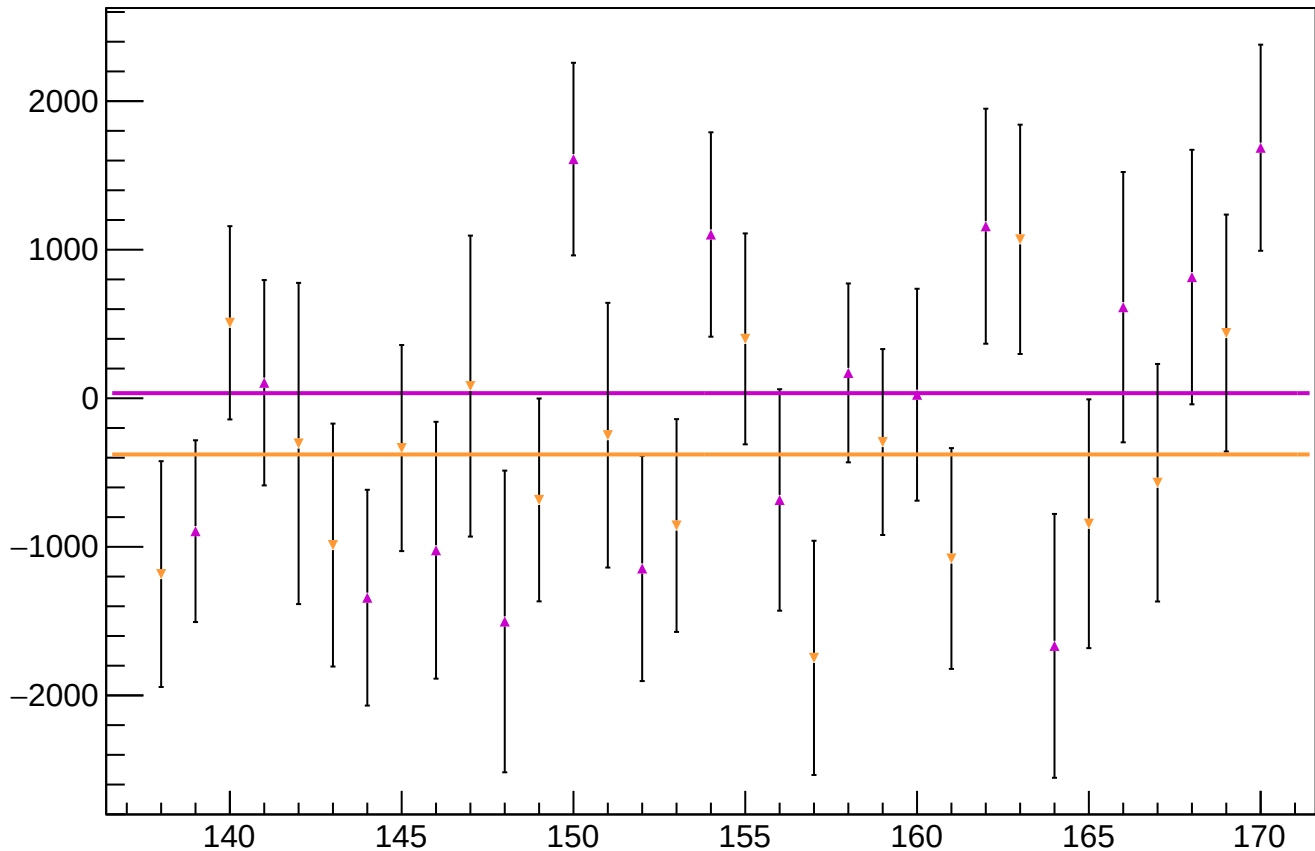
Left In: 659.590+/-0.133 χ^2/NDF : 358087.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.075+/-0.094 χ^2/NDF : 621310.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -378.114 $\pm$ 185.511 χ^2 /NDF:14.5/16

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

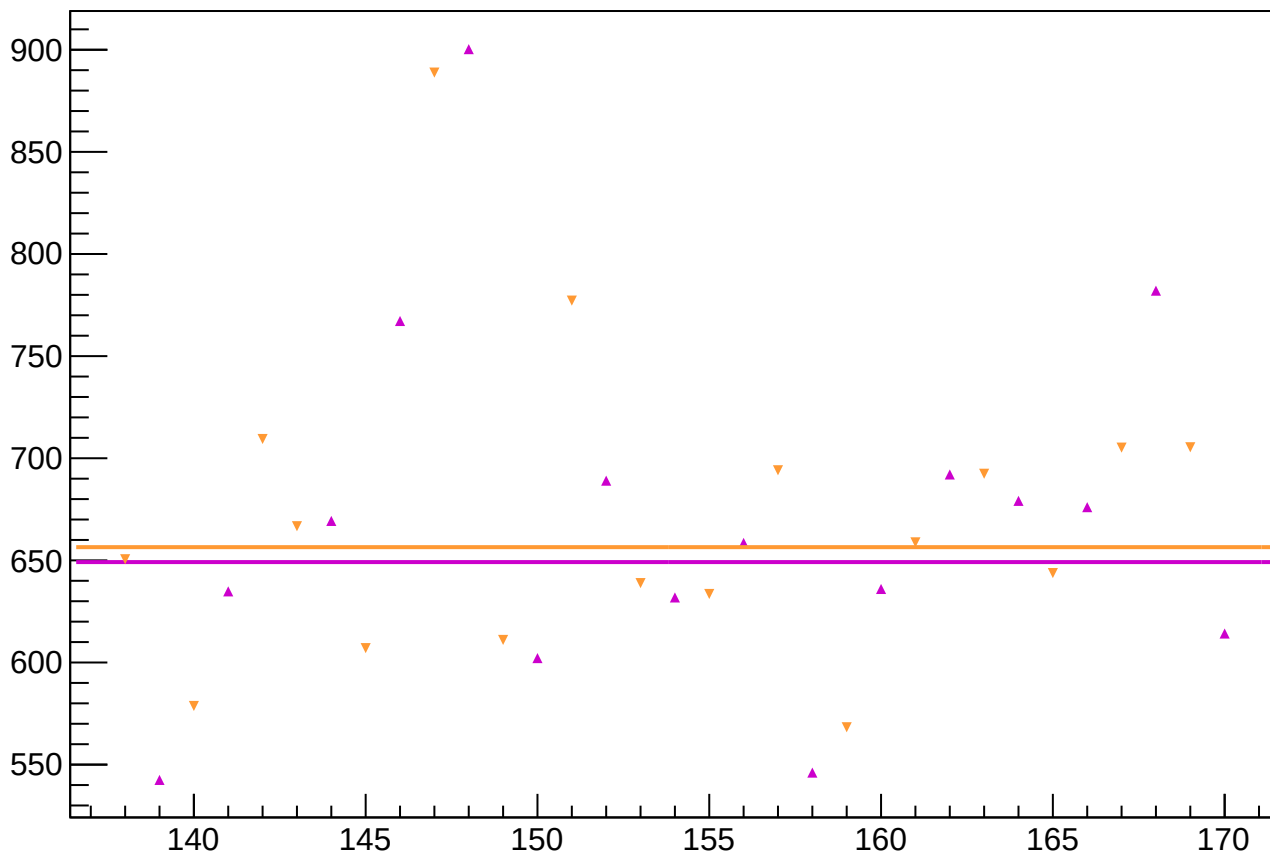
Left In: 34.506 $\pm$ 184.916 χ^2 /NDF:34.0/15

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

All: -171.141 $\pm$ 130.965 χ^2 /NDF: 51.0/32

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

asym_sam_15_dd_rms vs Slug



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

Left Out: 656.471+/-0.131 χ^2/NDF : 262130.4/16

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

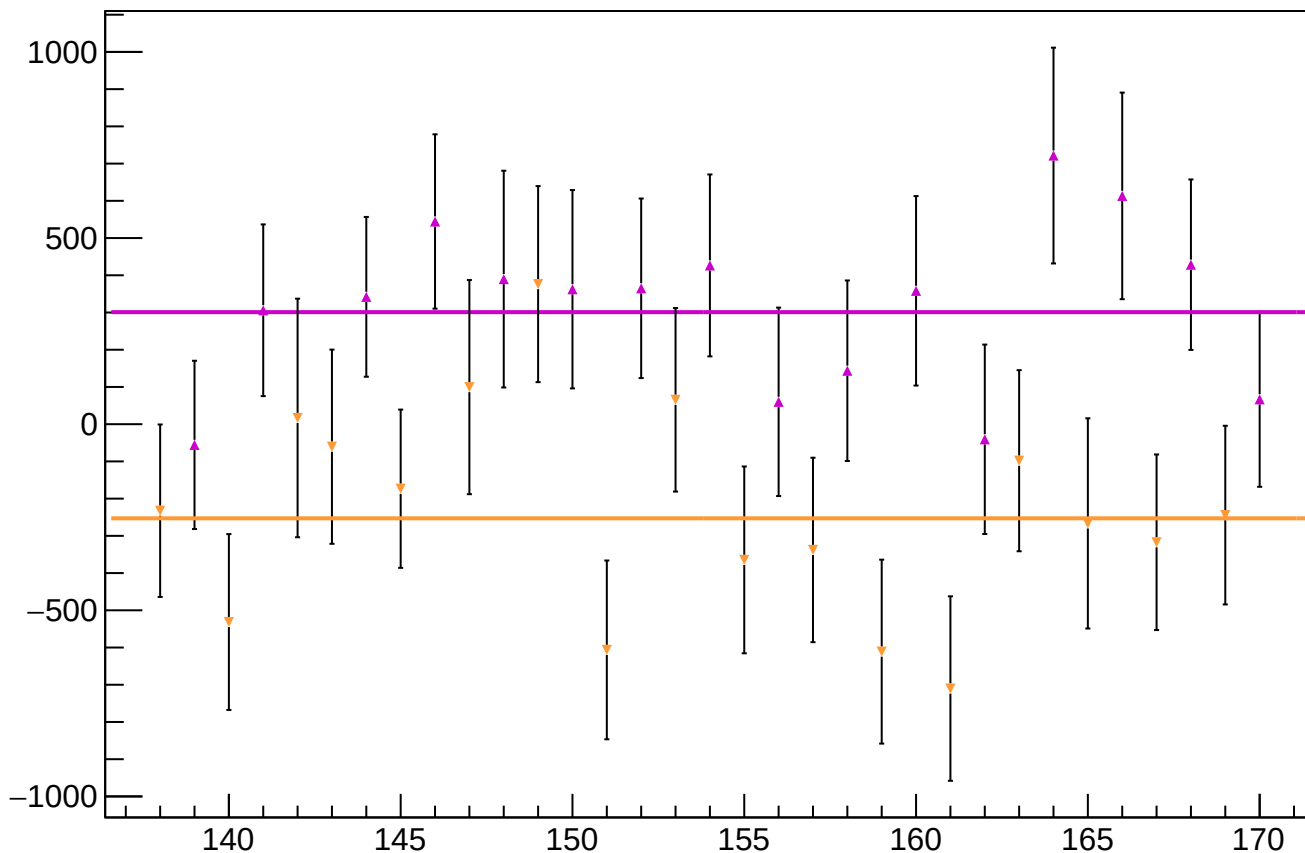
Left In: 649.162+/-0.131 χ^2/NDF : 362927.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.805+/-0.093 χ^2/NDF : 626615.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -252.879 $\pm$ 60.517 χ^2 /NDF:20.1/16

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

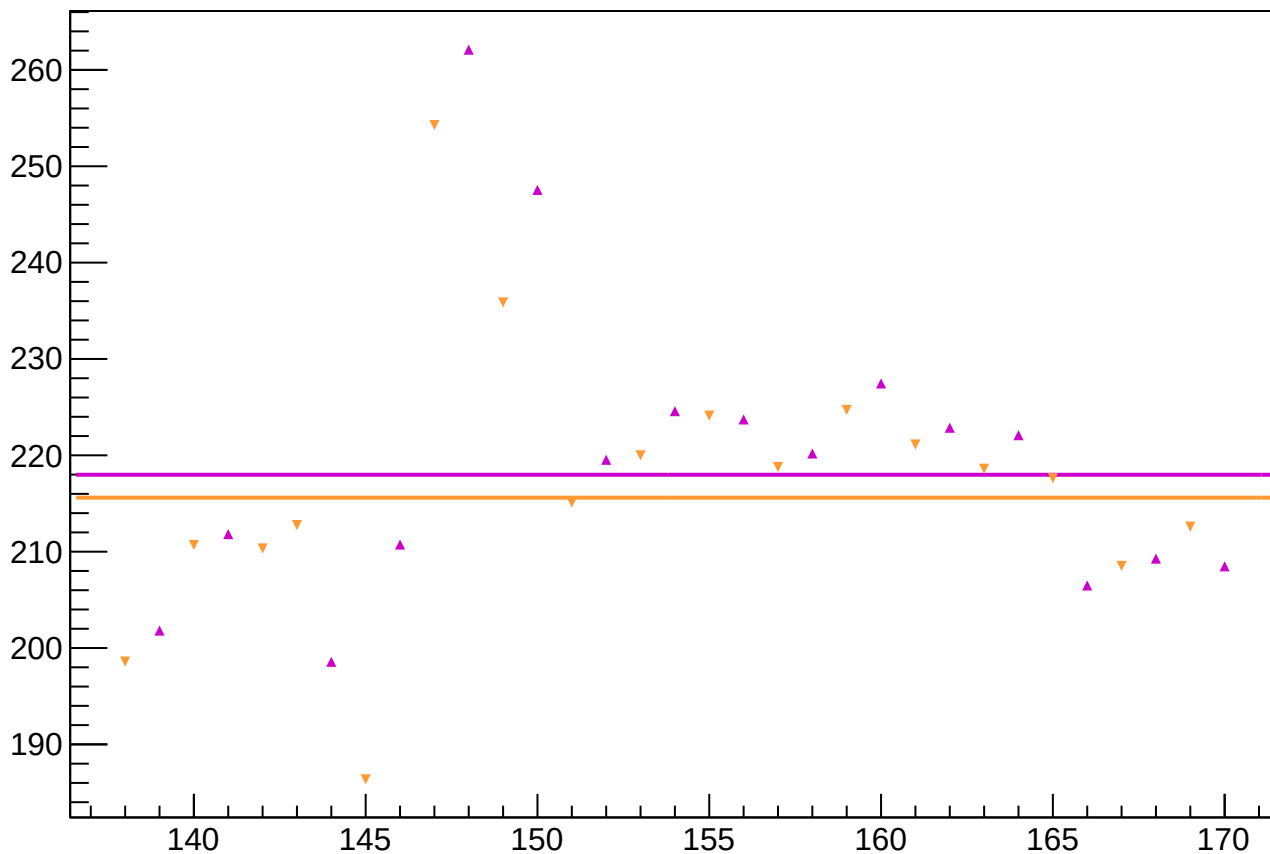
Left In: 300.962 $\pm$ 61.581 χ^2 /NDF:11.9/15

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

All: 19.218 $\pm$ 43.163 χ^2 /NDF: 73.2/32

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

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 215.608+/-0.043 χ^2/NDF :107765.2/16

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

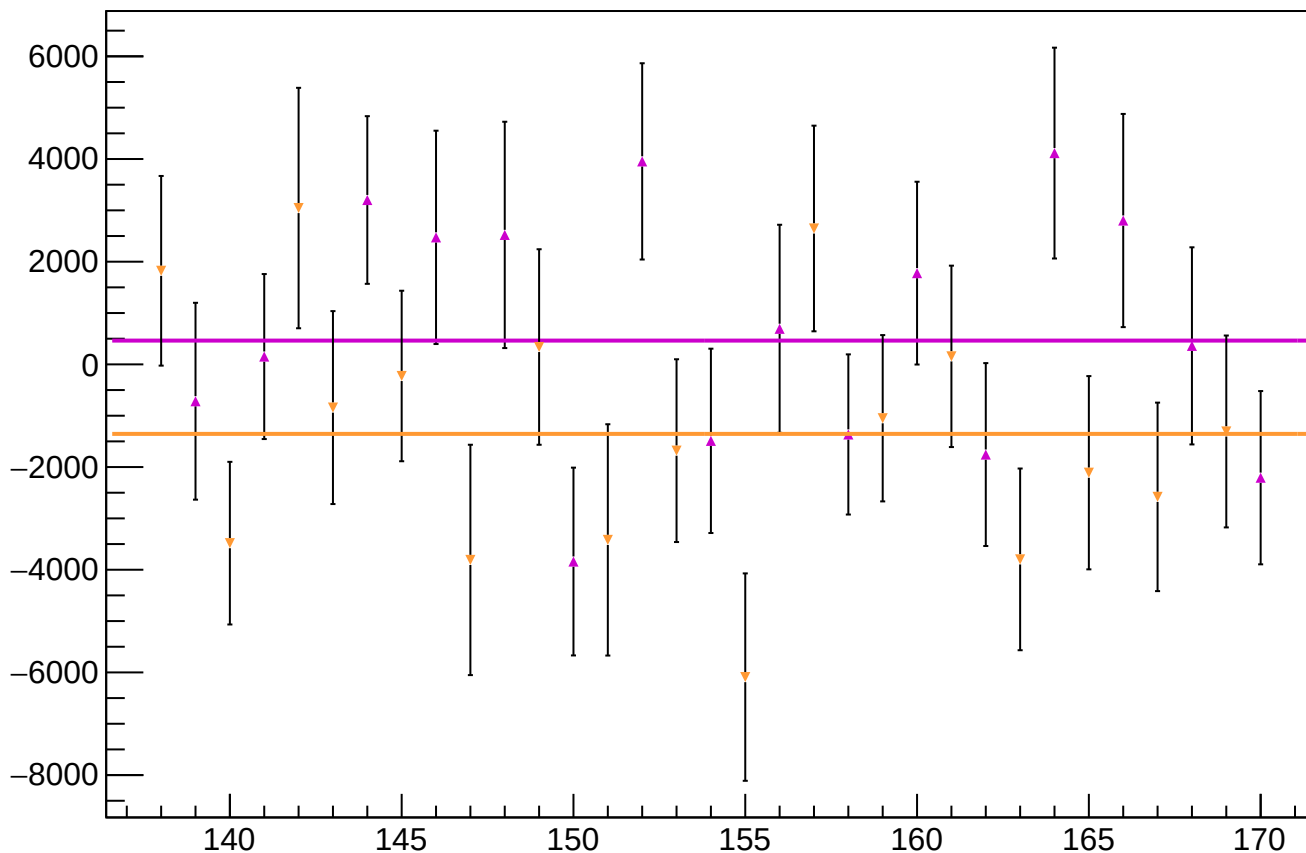
Left In: 217.982+/-0.044 χ^2/NDF :116722.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.774+/-0.031 χ^2/NDF : 225999.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -1354.057 $\pm$ 452.326 χ^2 /NDF:24.5/16

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

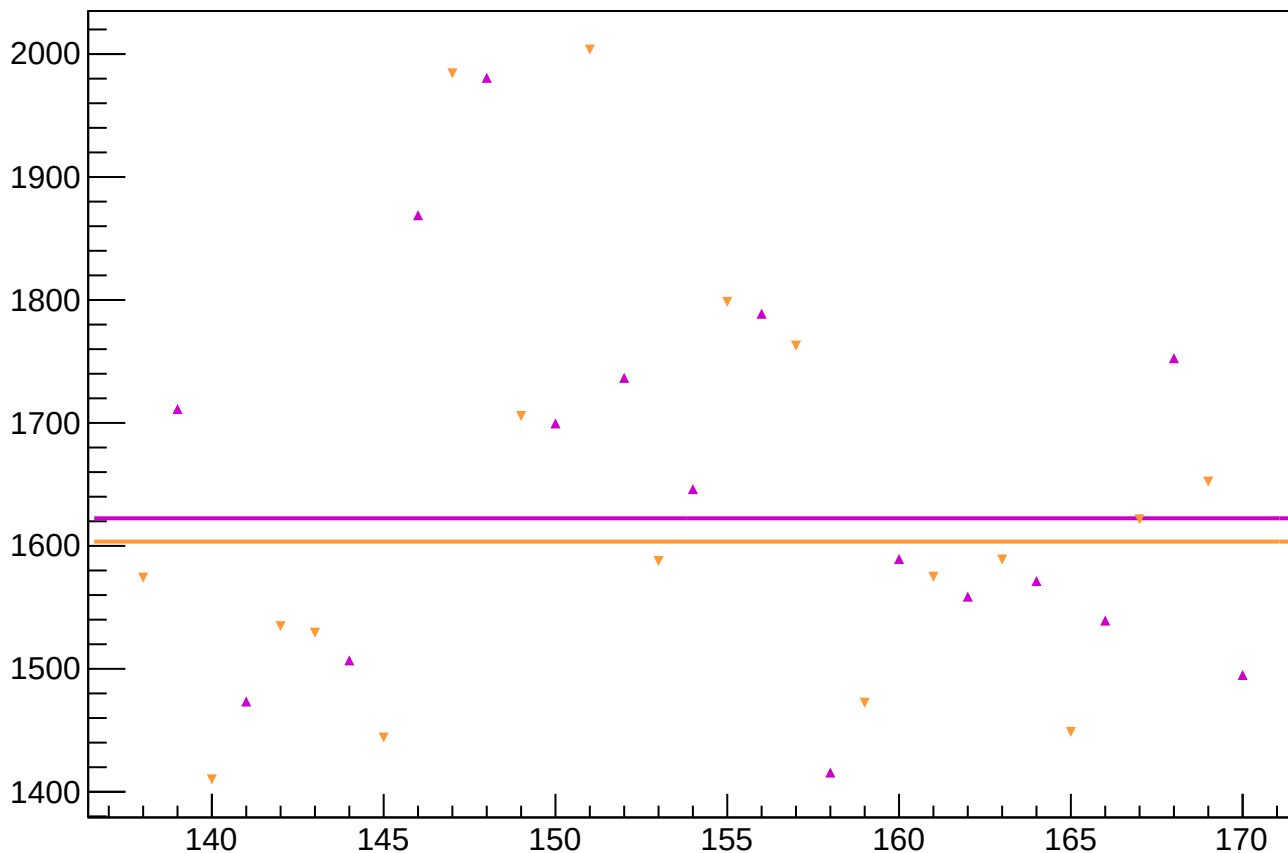
Left In: 463.272 $\pm$ 459.719 χ^2 /NDF:25.5/15

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

All: -460.123 $\pm$ 322.425 χ^2 /NDF: 57.9/32

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

asym_sam_26_dd_correction_rms vs Slug



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

Left Out: 1603.489+/-0.320 χ^2/NDF : 240347.9/16

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

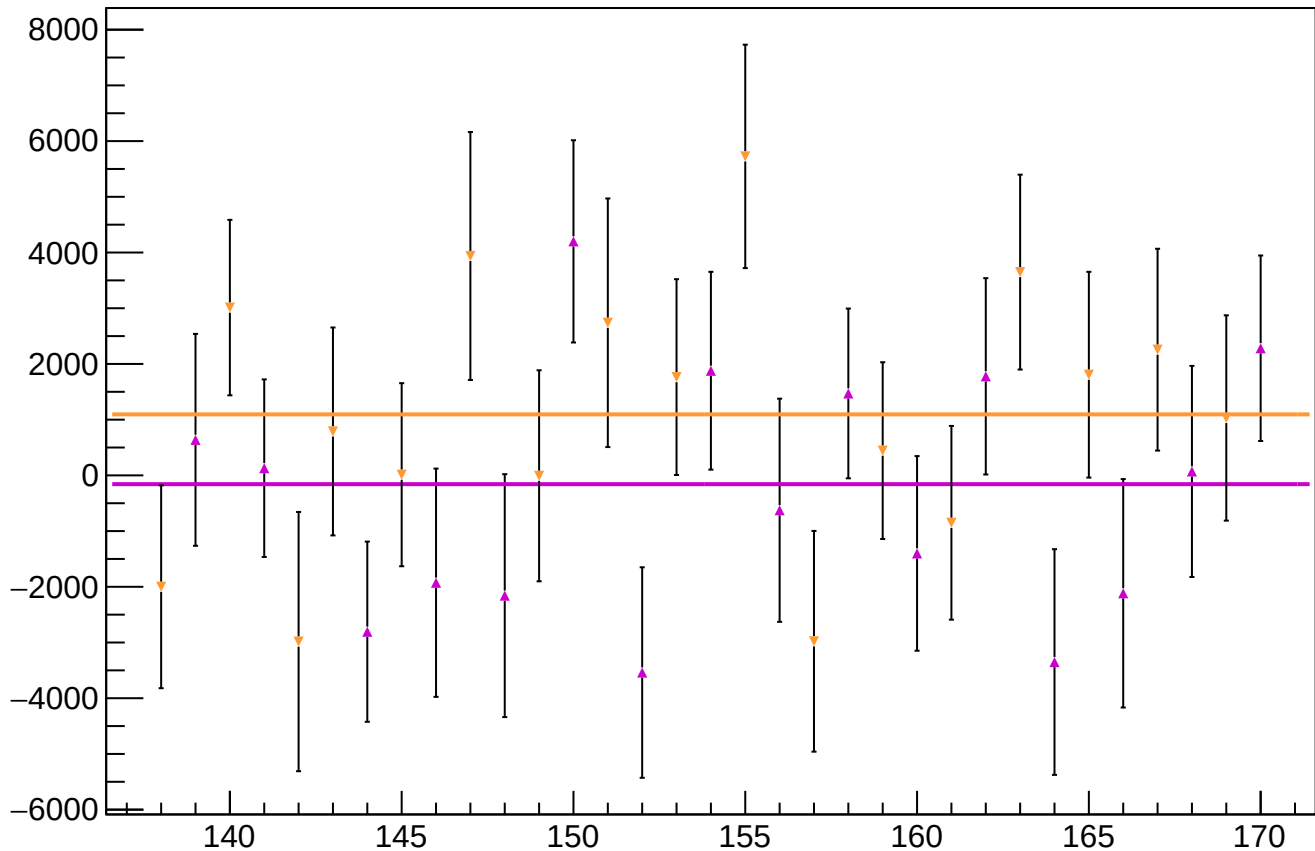
Left In: 1622.446+/-0.325 χ^2/NDF : 200461.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.814+/-0.228 χ^2/NDF : 442537.6/32

- 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: 1095.078+/-447.059 χ^2/NDF : 24.2/16

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

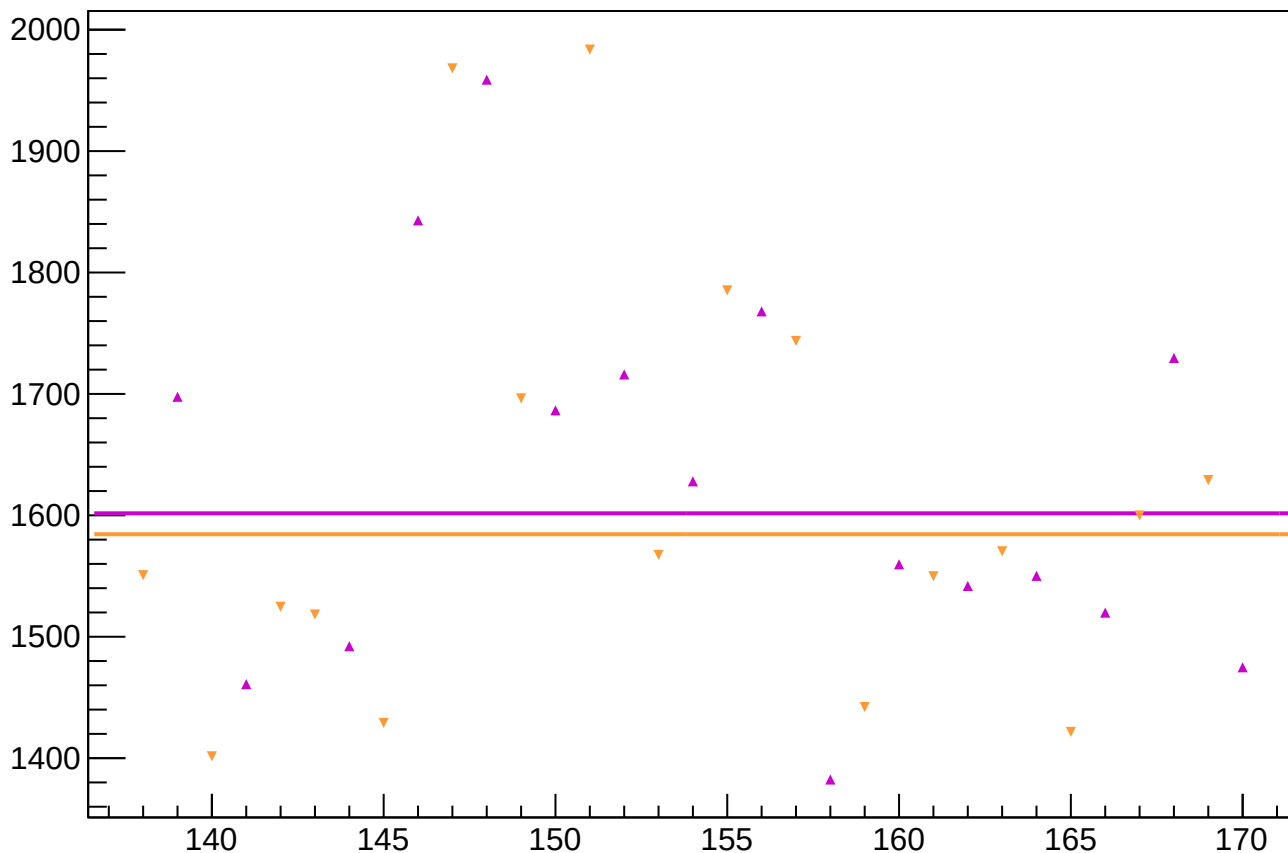
Left In: -157.715+/-453.929 χ^2/NDF : 23.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.233+/-318.520 χ^2/NDF : 51.3/32

- 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: 1584.429+/-0.316 χ^2/NDF : 246920.0/16

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

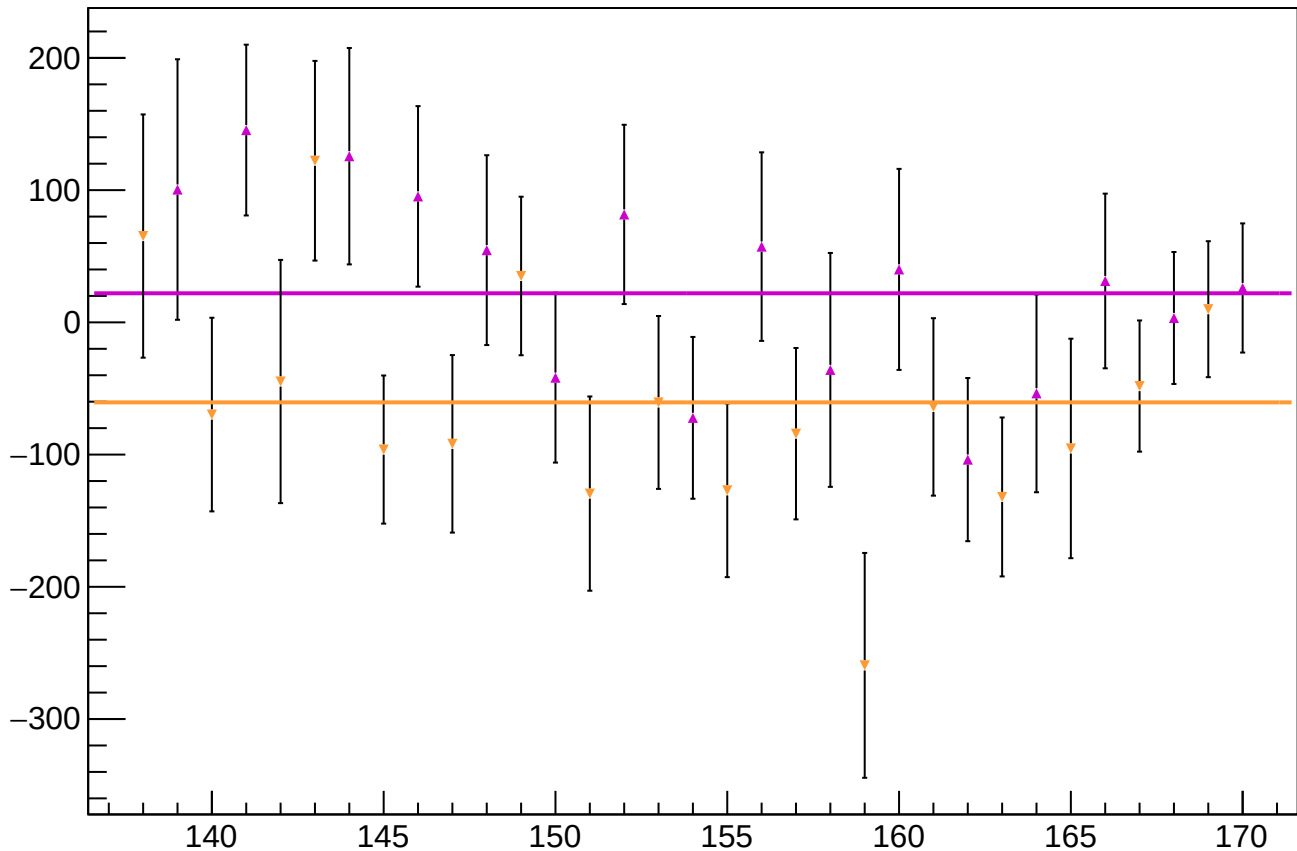
Left In: 1601.656+/-0.321 χ^2/NDF : 207303.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1592.911+/-0.225 χ^2/NDF : 455685.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -60.514 $\pm$ 16.068 χ^2 /NDF:22.0/16

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

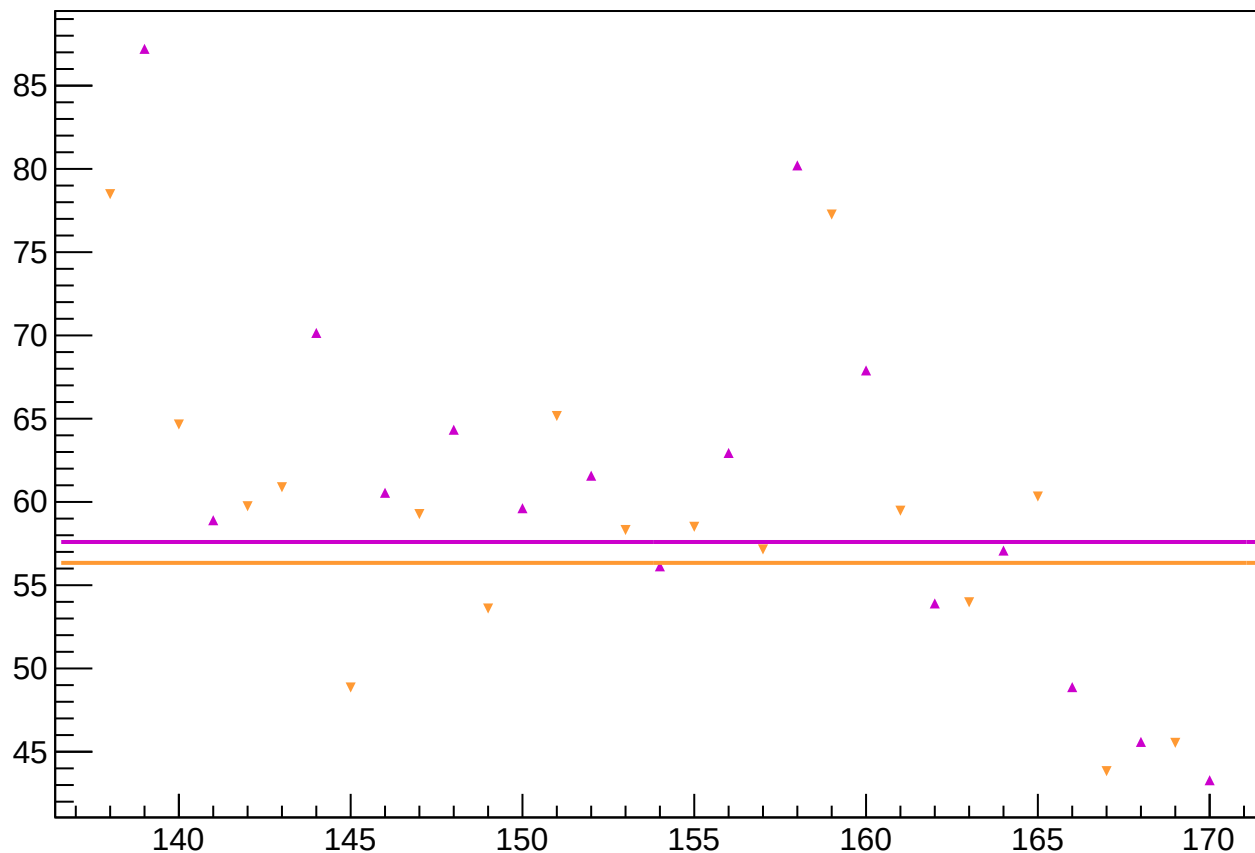
Left In: 21.993 $\pm$ 16.629 χ^2 /NDF:17.5/15

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

All: -20.676 $\pm$ 11.555 χ^2 /NDF: 52.2/32

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

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 56.341+/-0.011 χ^2/NDF : 577068.2/16

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

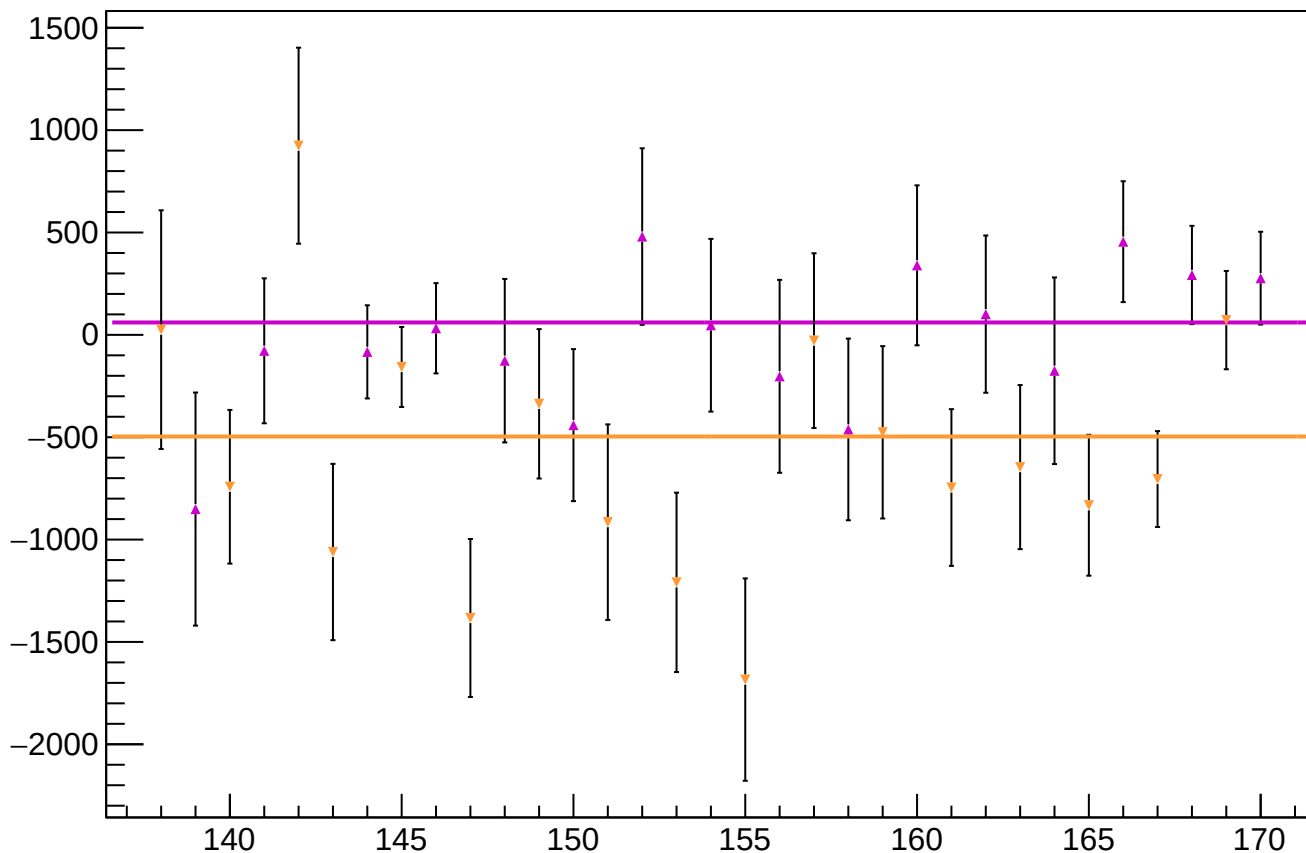
Left In: 57.595+/-0.012 χ^2/NDF : 768209.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.947+/-0.008 χ^2/NDF : 1351159.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -496.688 $\pm$ 83.879 χ^2 /NDF:38.5/16

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

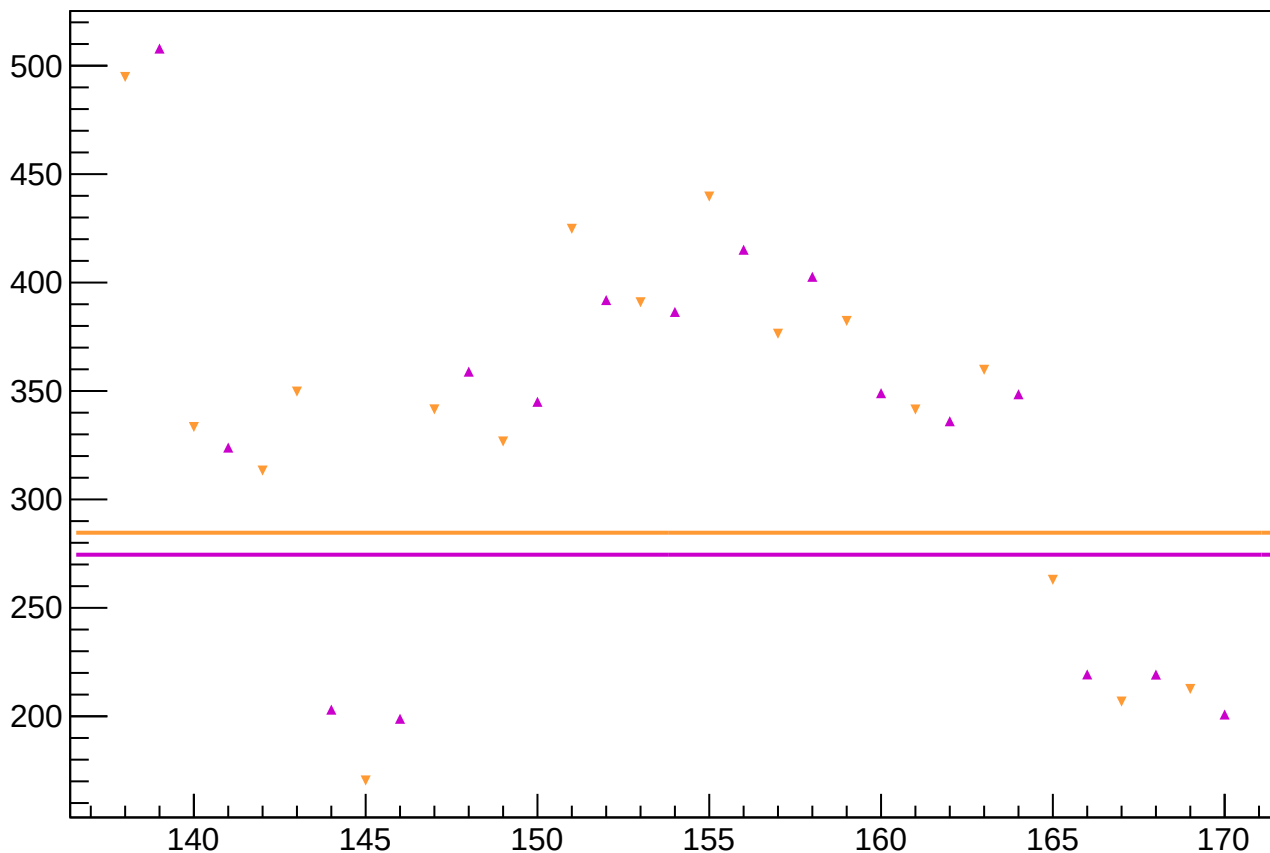
Left In: 60.549 $\pm$ 81.245 χ^2 /NDF:12.2/15

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

All: -209.183 $\pm$ 58.358 χ^2 /NDF: 73.6/32

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

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 284.652+/-0.059 χ^2/NDF : 2310786.7/16

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

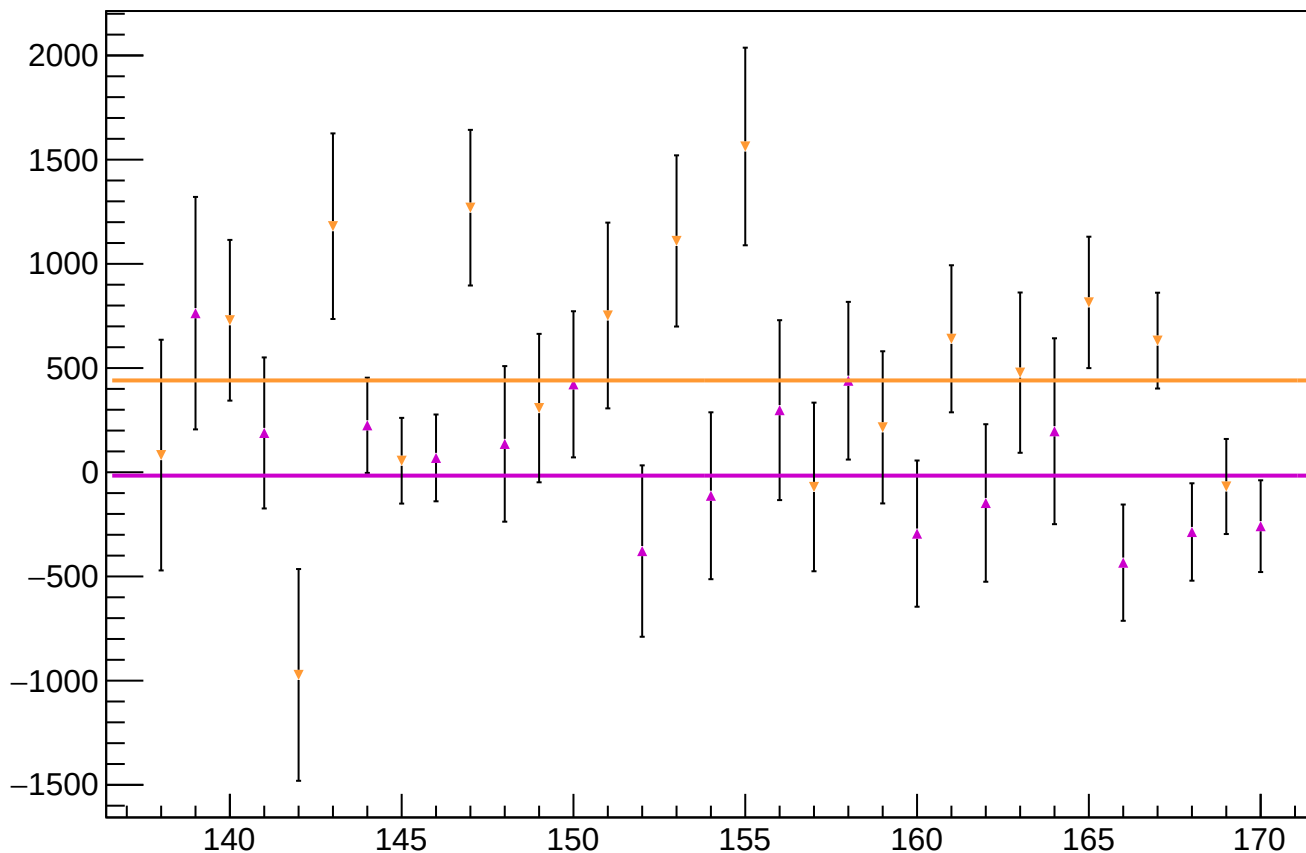
Left In: 274.508+/-0.057 χ^2/NDF : 2167582.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.418+/-0.041 χ^2/NDF : 4493461.8/32

- 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: 440.578+/-81.756 χ^2/NDF : 38.2/16

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

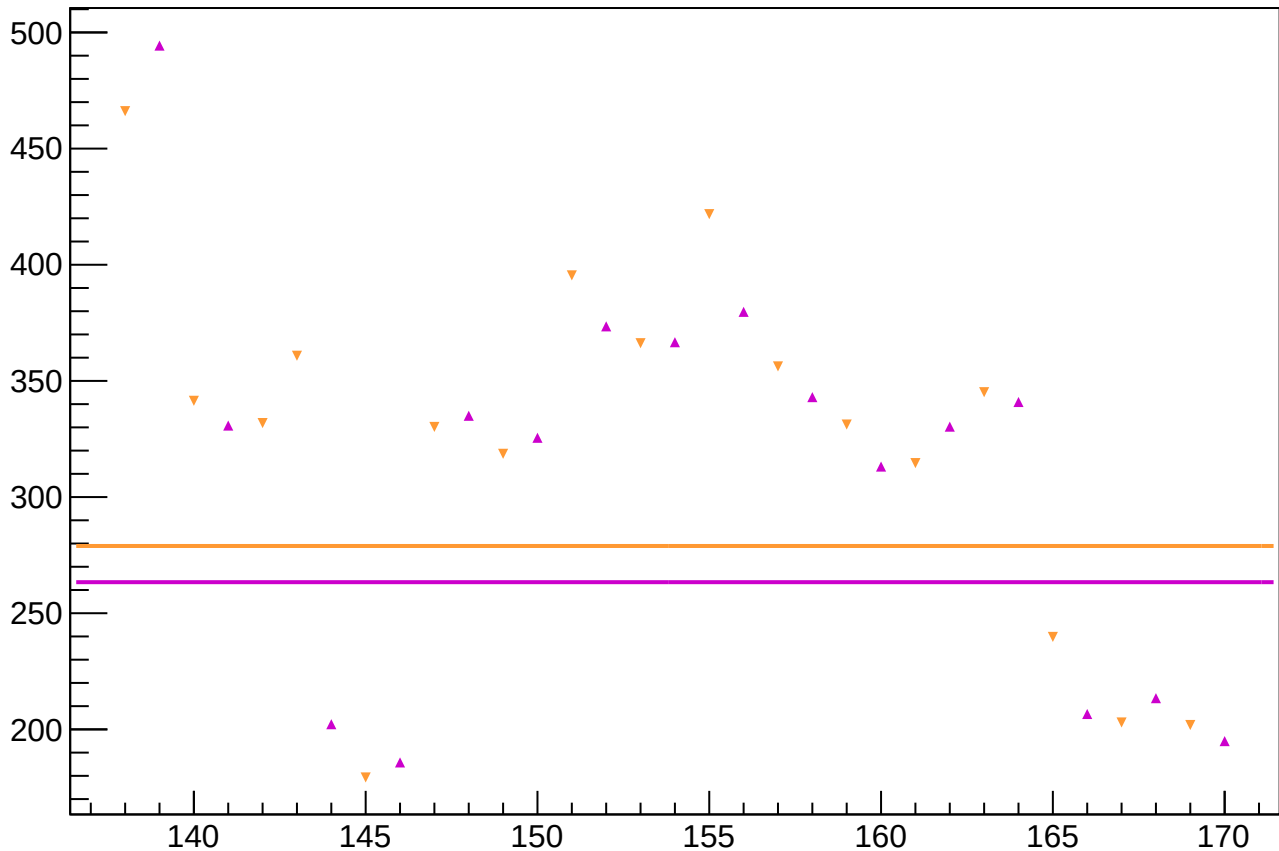
Left In: -16.155+/-77.896 χ^2/NDF : 13.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.176+/-56.396 χ^2/NDF : 68.4/32

- 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: 278.946+/-0.058 χ^2/NDF :1981977.0/16

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

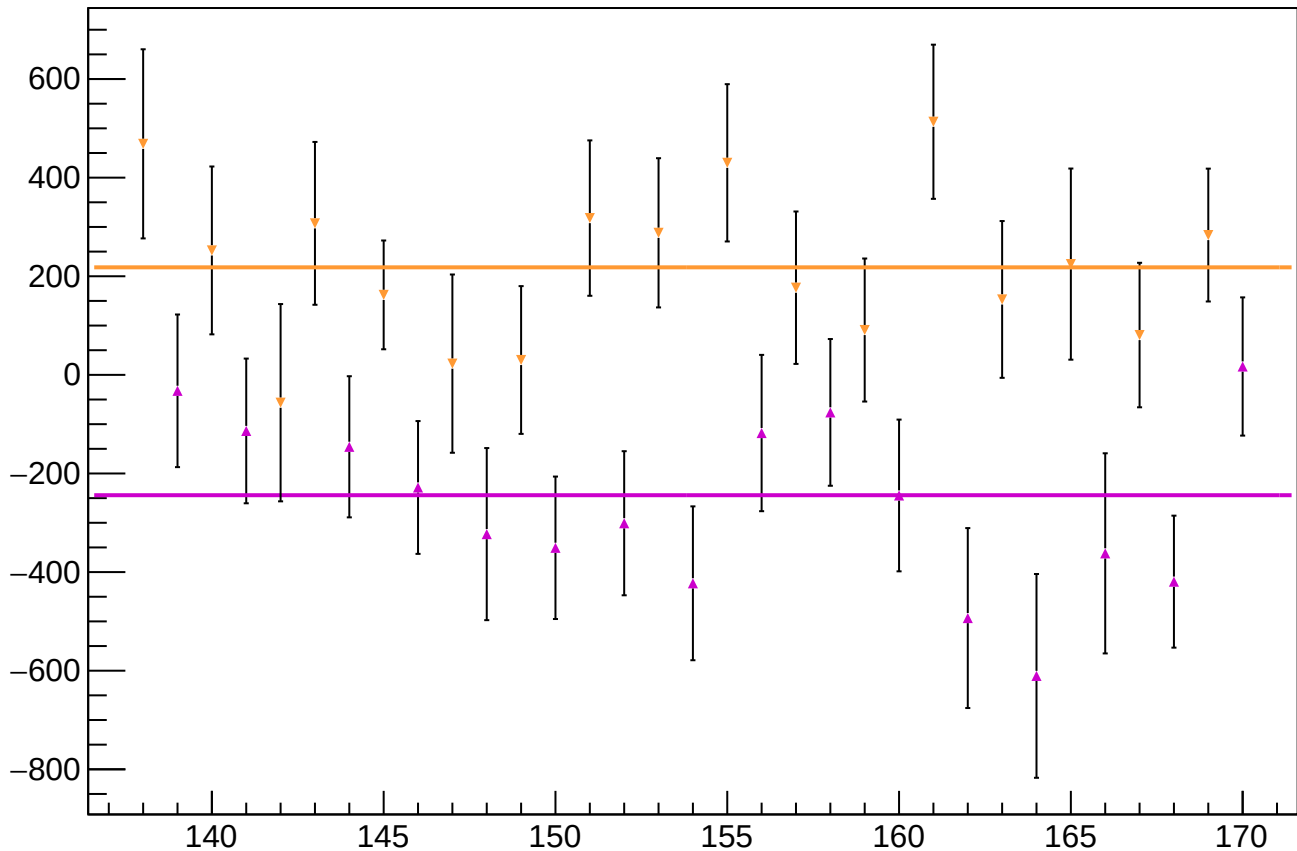
Left In: 263.365+/-0.055 χ^2/NDF :2010664.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.779+/-0.040 χ^2/NDF : 4030713.8/32

- 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: 218.085+/-37.742 χ^2/NDF :15.0/16

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

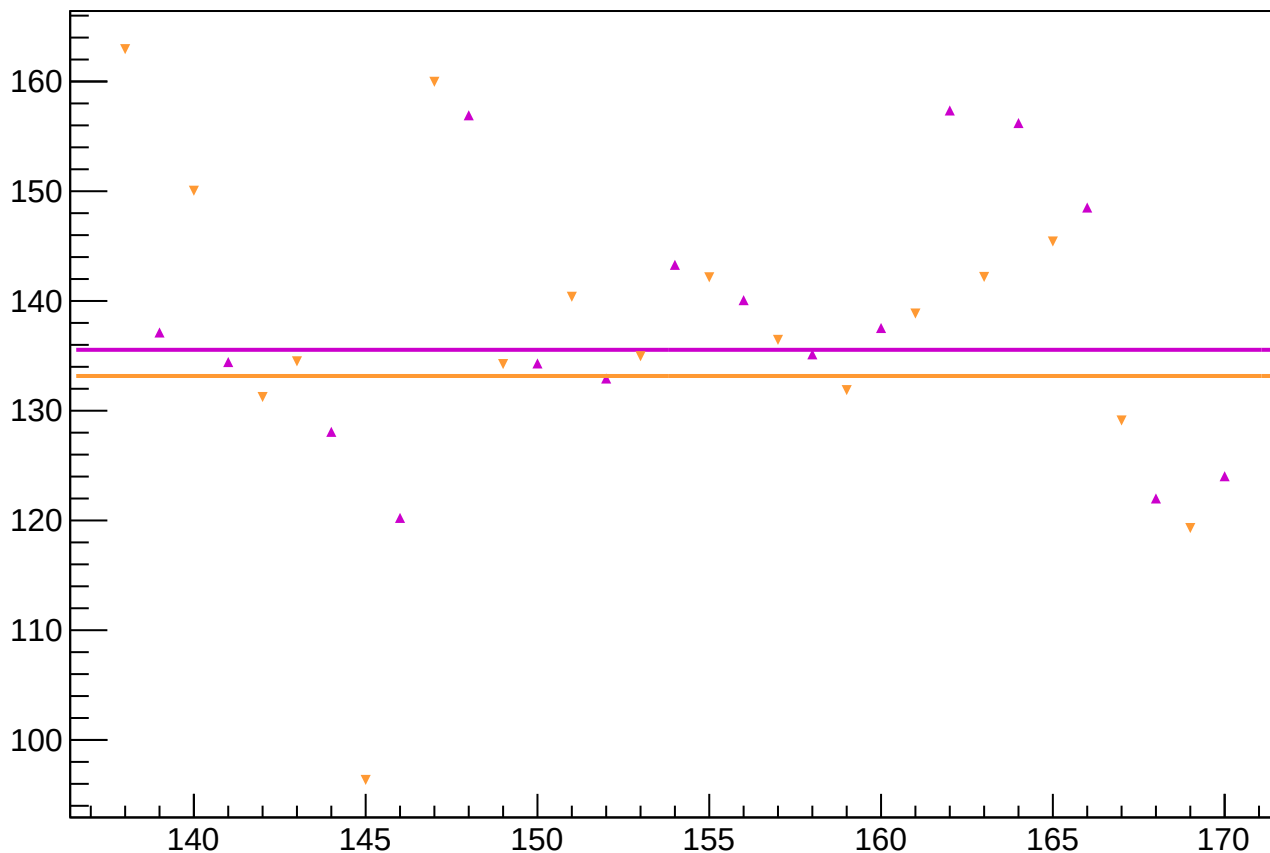
Left In: -244.070+/-38.565 χ^2/NDF :17.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.014+/-26.974 χ^2/NDF : 106.1/32

- 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: 133.164+/-0.027 χ^2/NDF : 386593.2/16

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

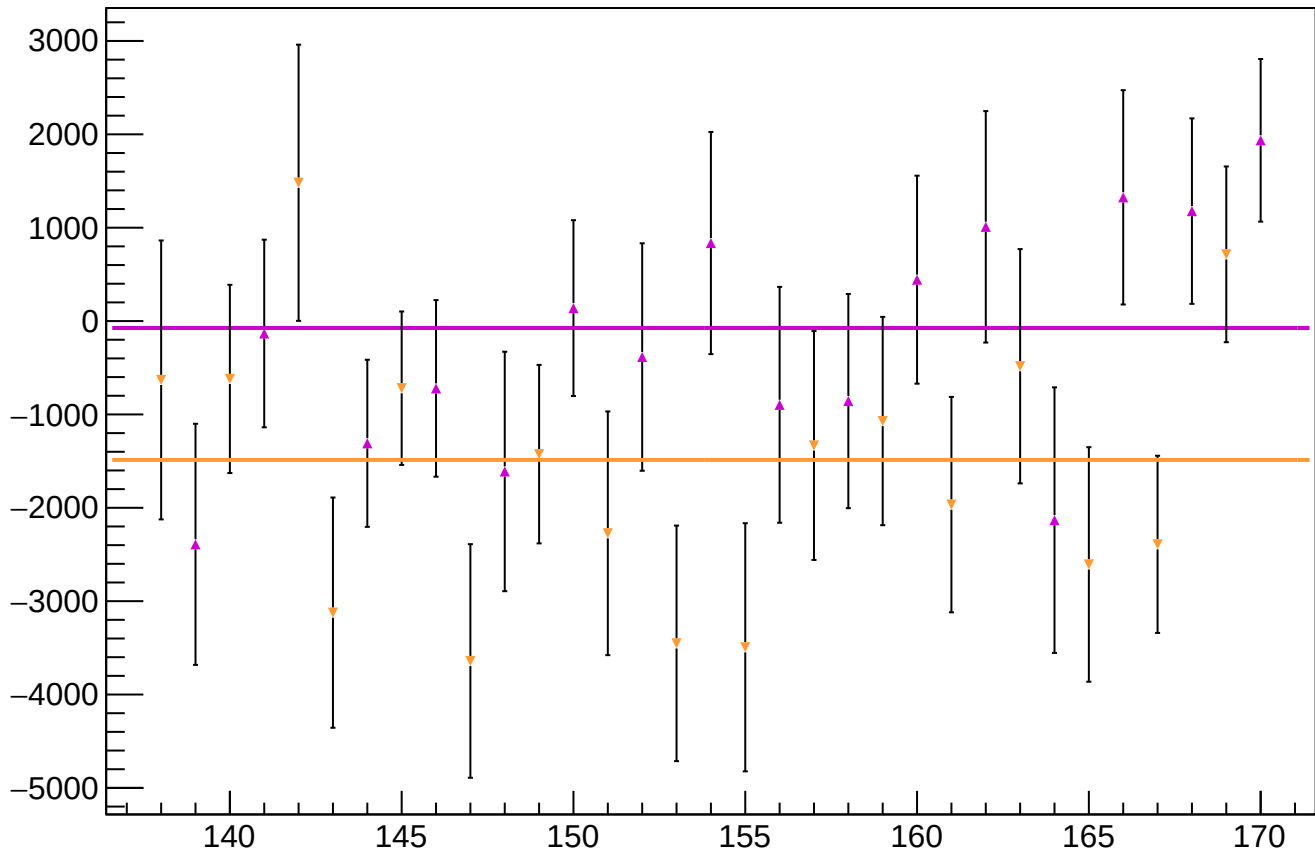
Left In: 135.550+/-0.027 χ^2/NDF : 160027.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.331+/-0.019 χ^2/NDF : 550528.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1486.917 $\pm$ 274.500 χ^2 /NDF:23.9/16

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

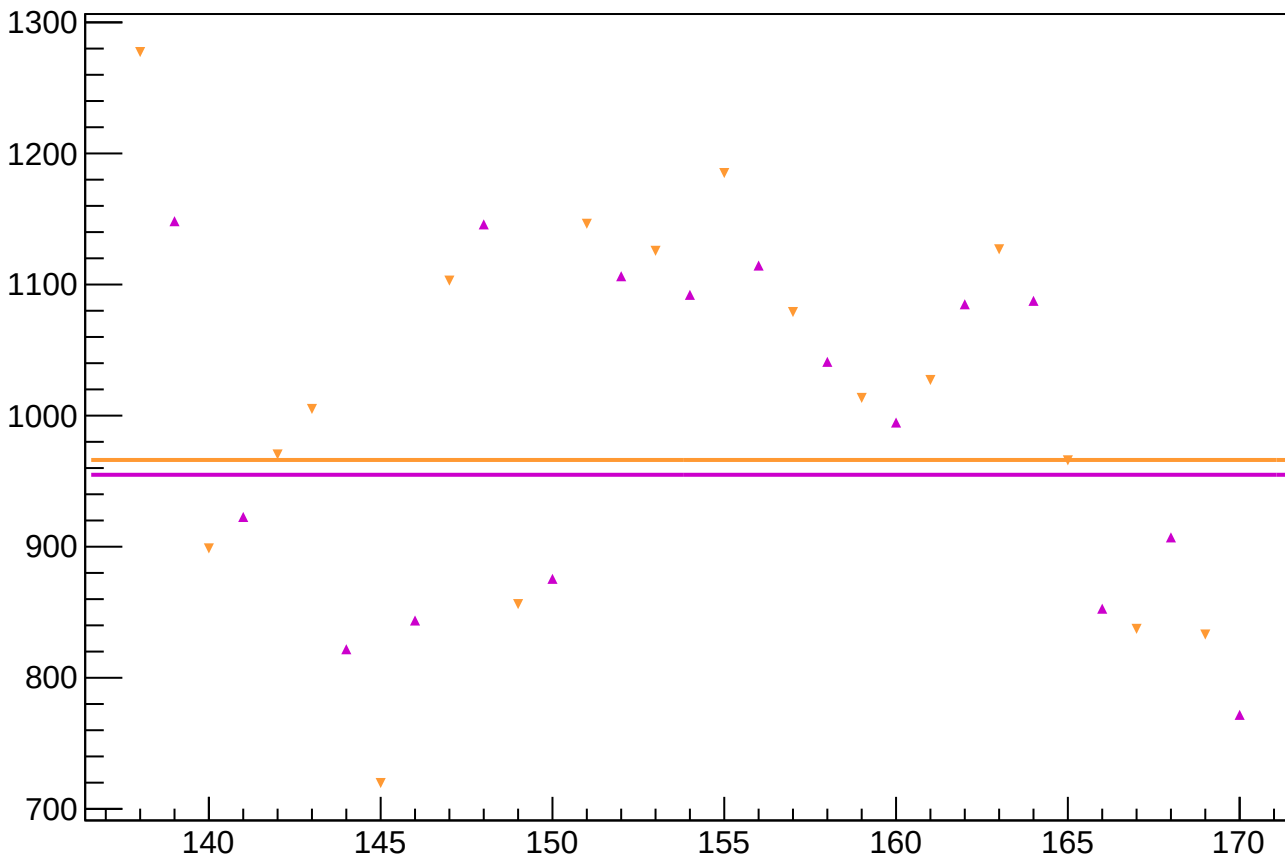
Left In: -74.010 $\pm$ 272.139 χ^2 /NDF:20.1/15

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

All: -774.362 $\pm$ 193.261 χ^2 /NDF: 57.4/32

- sign 0.000 $\pm$ 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: 966.176+/-0.194 χ^2/NDF : 588241.7/16

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

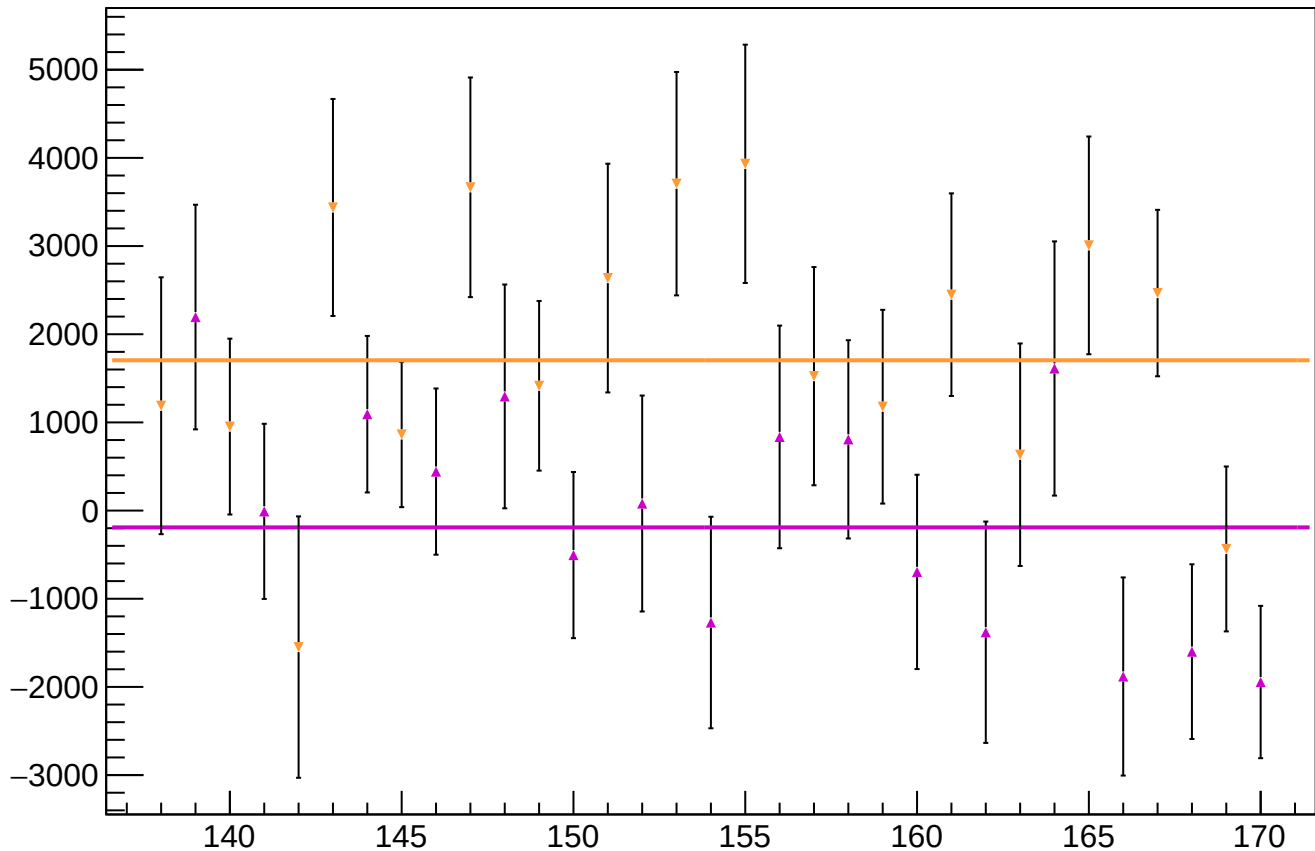
Left In: 954.867+/-0.192 χ^2/NDF : 429090.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.473+/-0.137 χ^2/NDF : 1019044.7/32

- 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: 1704.674+/-273.769 χ^2/NDF : 25.2/16

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

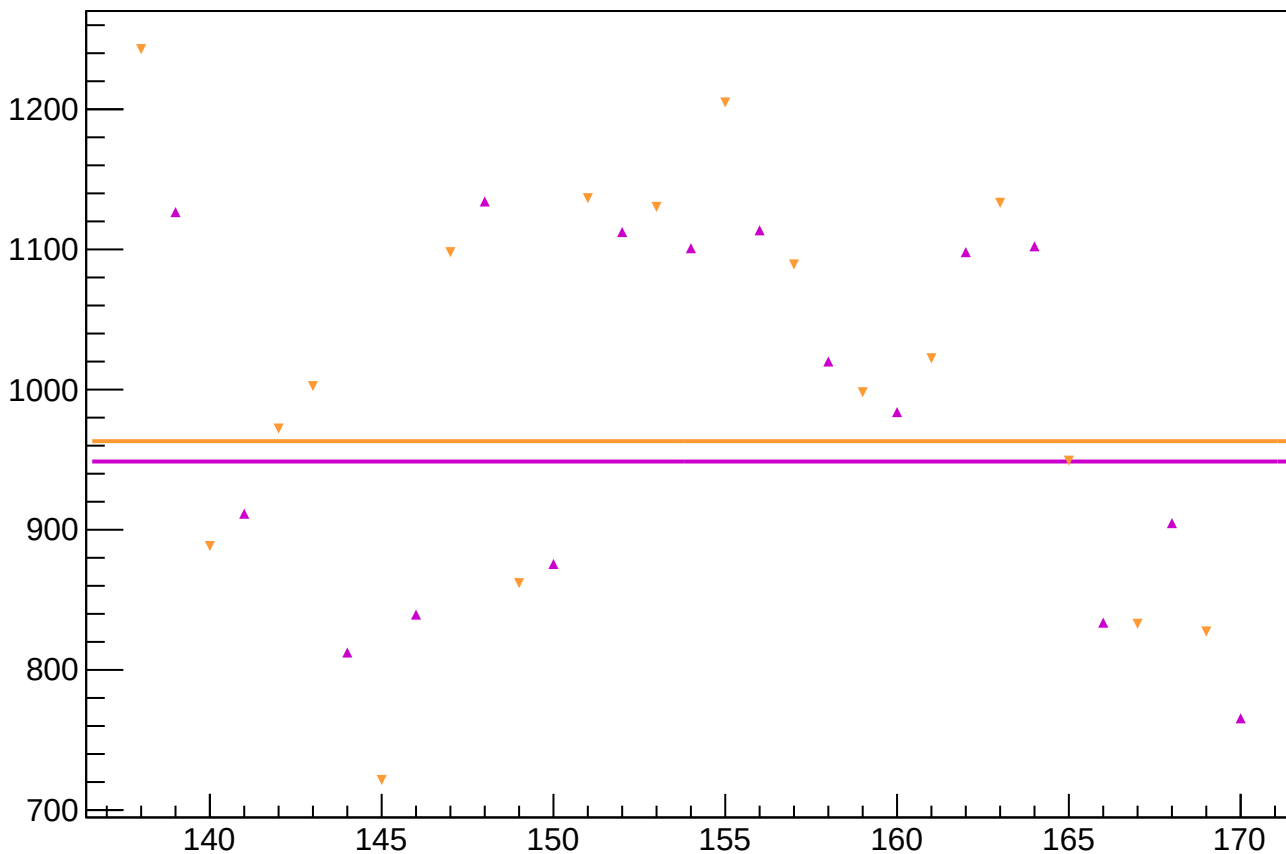
Left In: -190.679+/-270.730 χ^2/NDF : 21.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 746.421+/-192.500 χ^2/NDF : 70.4/32

- 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: 963.207+/-0.194 χ^2/NDF : 584107.1/16

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

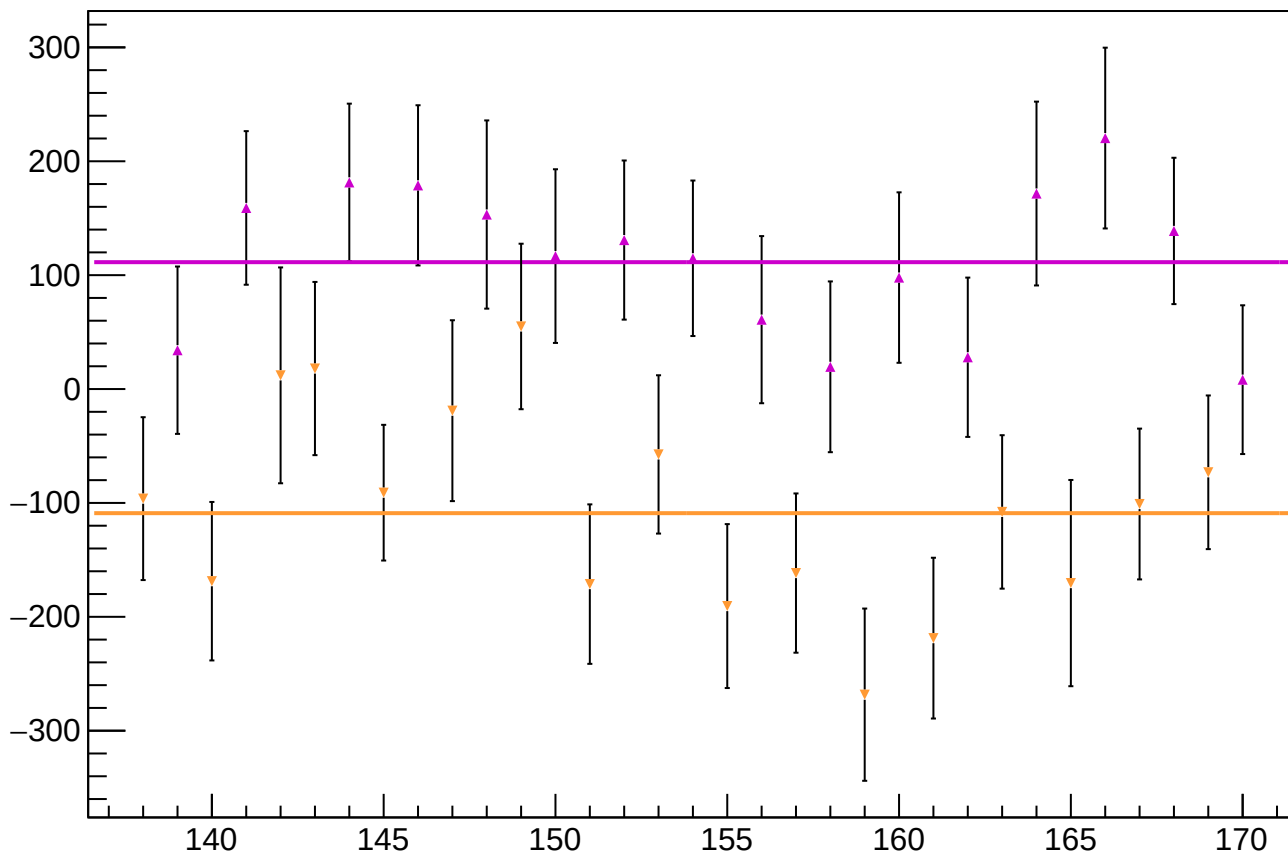
Left In: 948.697+/-0.191 χ^2/NDF : 448670.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 955.871+/-0.136 χ^2/NDF : 1035617.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -108.982 $\pm$ 17.433 χ^2 /NDF:22.5/16

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

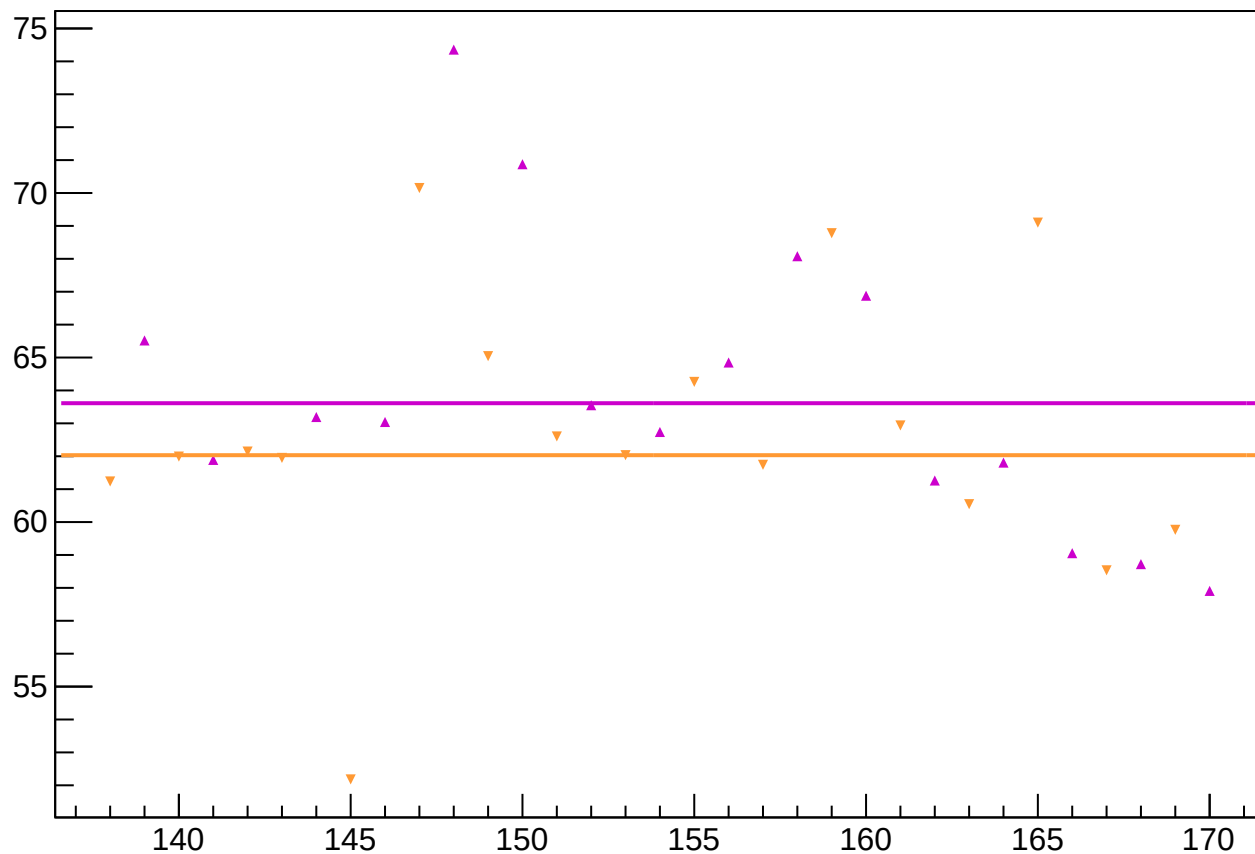
Left In: 111.403 $\pm$ 17.990 χ^2 /NDF:12.4/15

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

All: -2.256 $\pm$ 12.519 χ^2 /NDF: 112.3/32

- sign 0.000 $\pm$ 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: 62.032+/-0.012 χ^2/NDF :118632.8/16

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

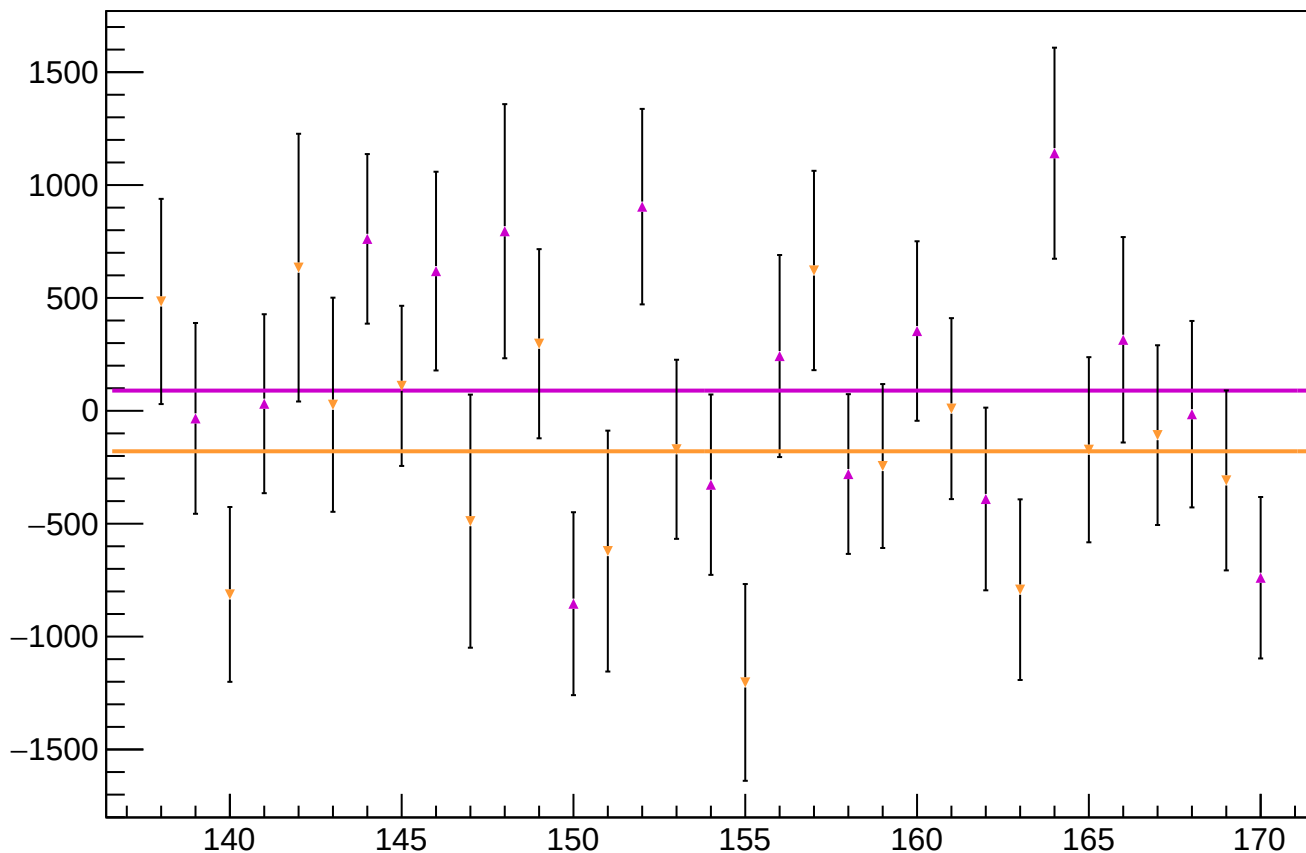
Left In: 63.612+/-0.013 χ^2/NDF :103320.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.797+/-0.009 χ^2/NDF : 229908.2/32

- 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: -179.247+/-102.862 χ^2/NDF : 21.4/16

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

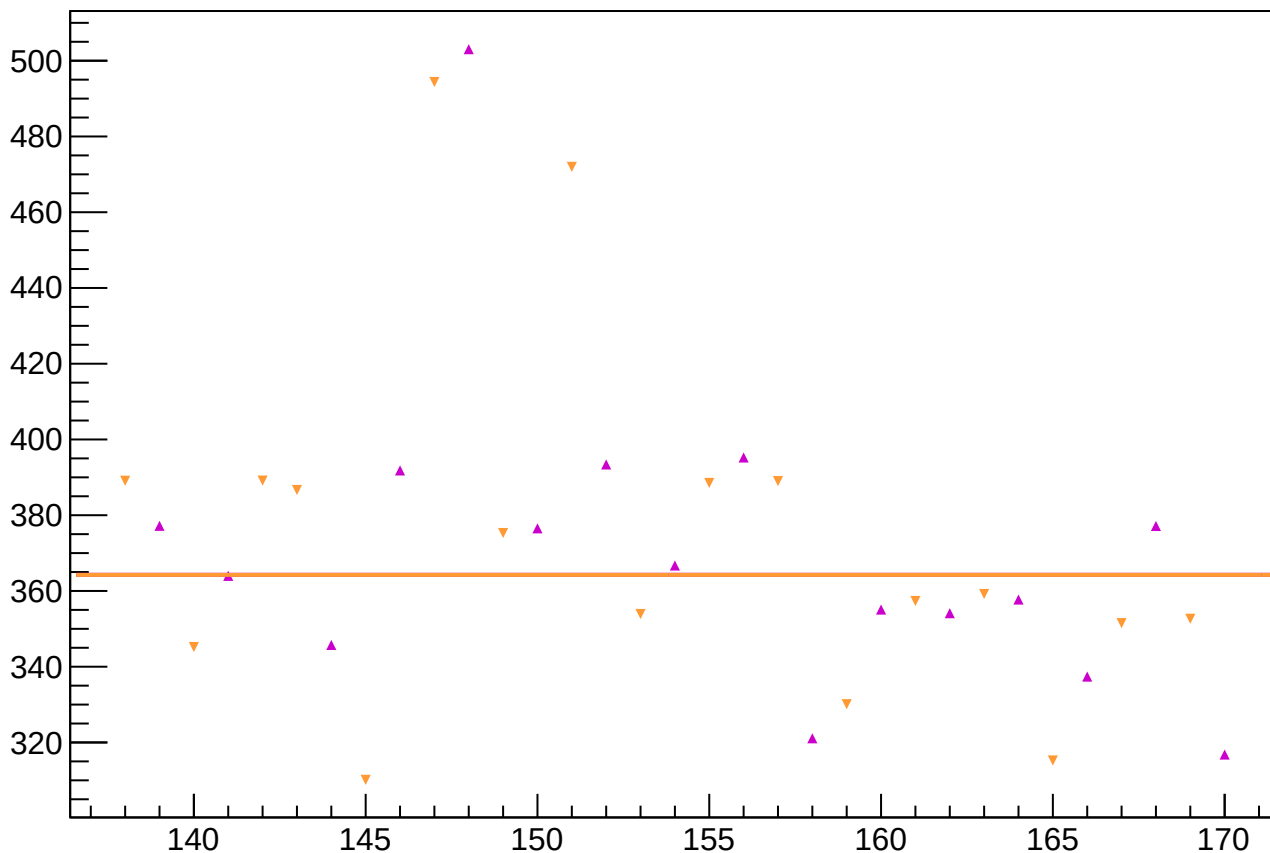
Left In: 89.583+/-103.372 χ^2/NDF : 30.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.496+/-72.914 χ^2/NDF : 55.0/32

- 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: 364.248+/-0.073 χ^2/NDF : 320855.9/16

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

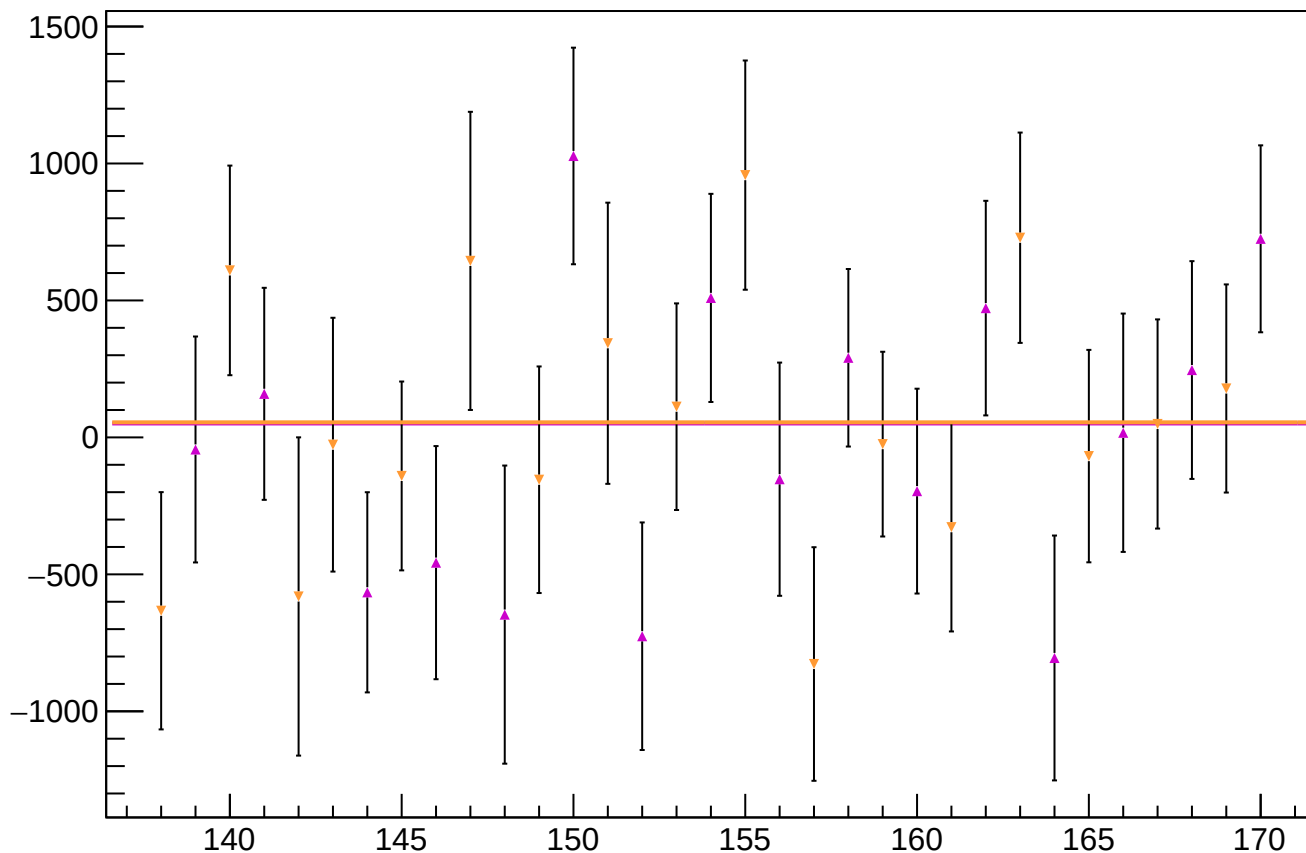
Left In: 364.266+/-0.073 χ^2/NDF : 233372.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.257+/-0.052 χ^2/NDF : 554228.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: 54.993 $\pm$ 98.834 χ^2 /NDF:21.2/16

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

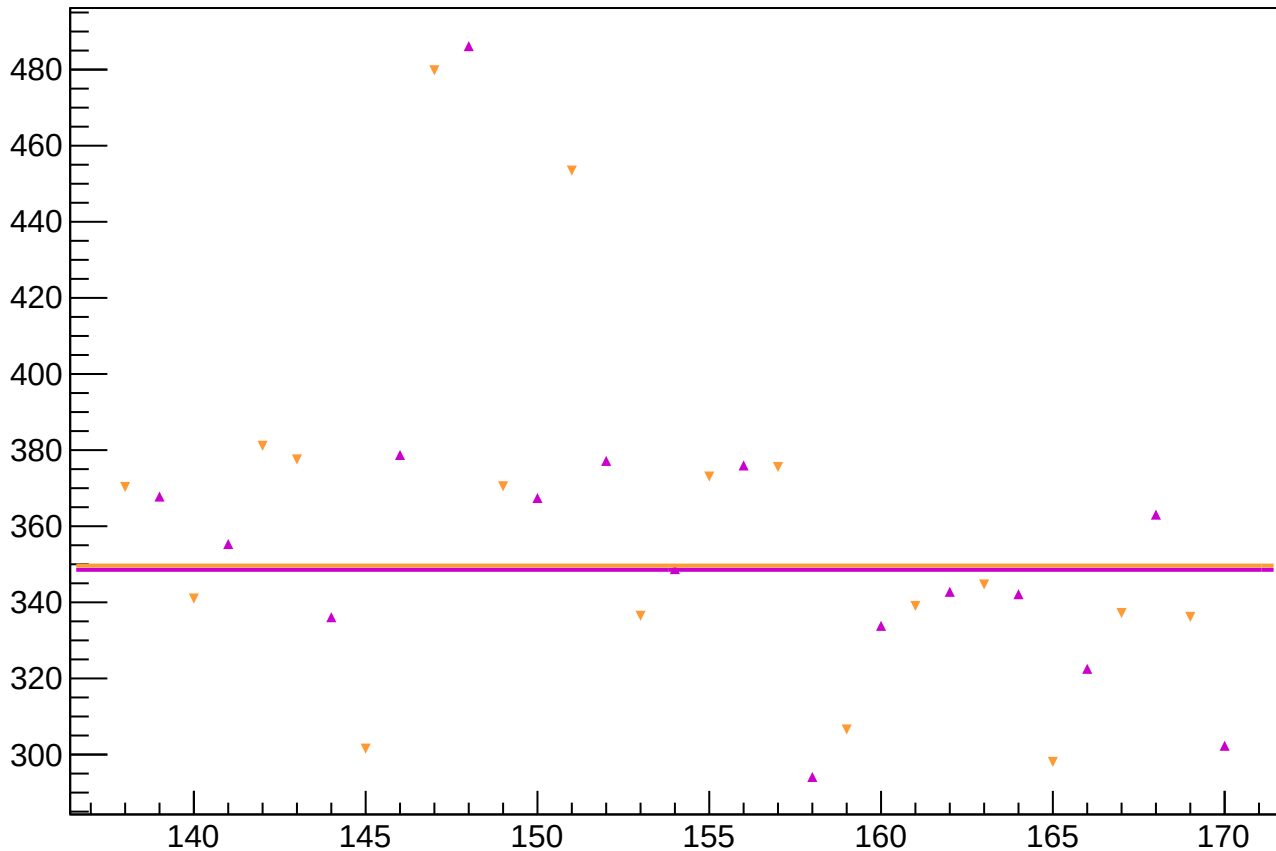
Left In: 50.913 $\pm$ 99.026 χ^2 /NDF:27.3/15

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

All: 52.957 $\pm$ 69.954 χ^2 /NDF: 48.5/32

- sign 0.000 $\pm$ 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: 349.657+/-0.070 χ^2/NDF : 349565.8/16

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

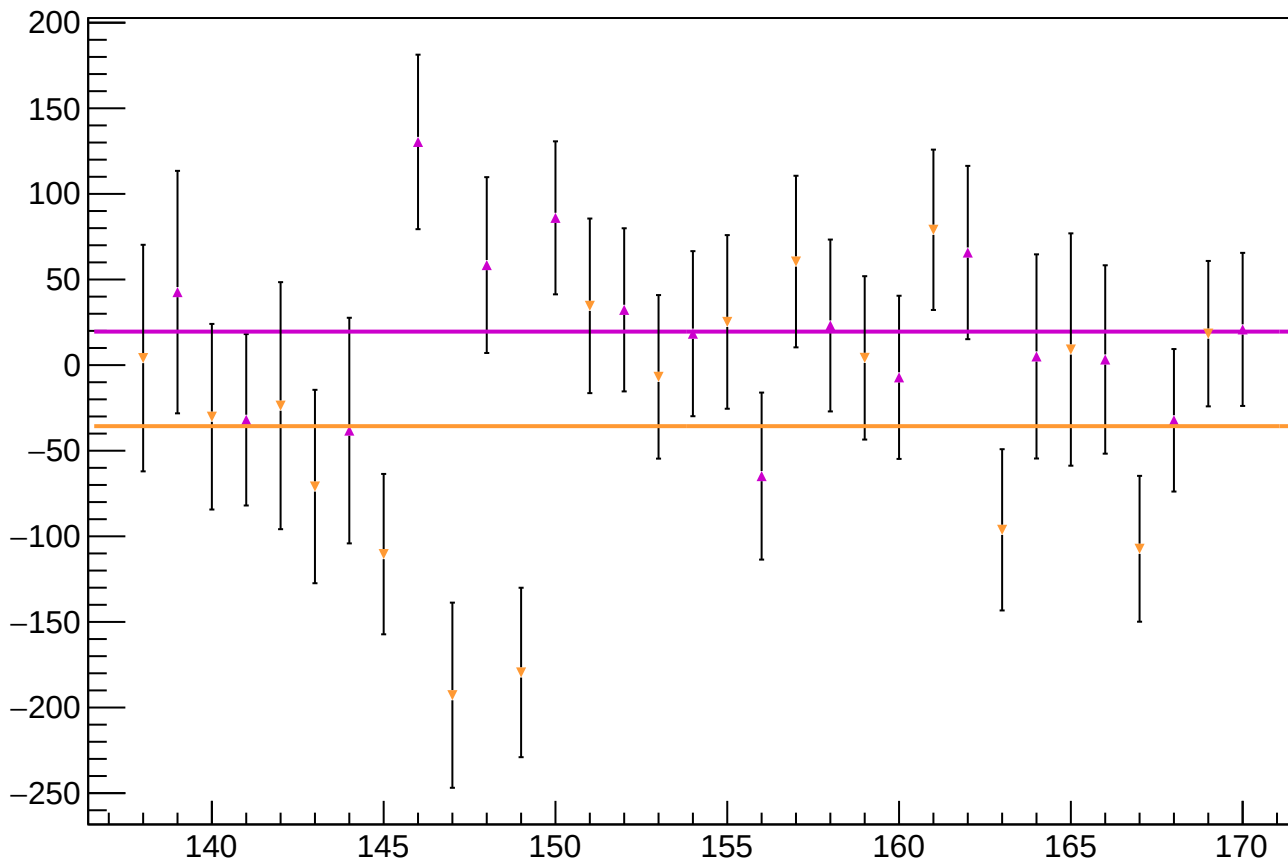
Left In: 348.547+/-0.070 χ^2/NDF : 274501.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.103+/-0.049 χ^2/NDF : 624193.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -35.658 $\pm$ 12.347 χ^2 /NDF:40.9/16

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

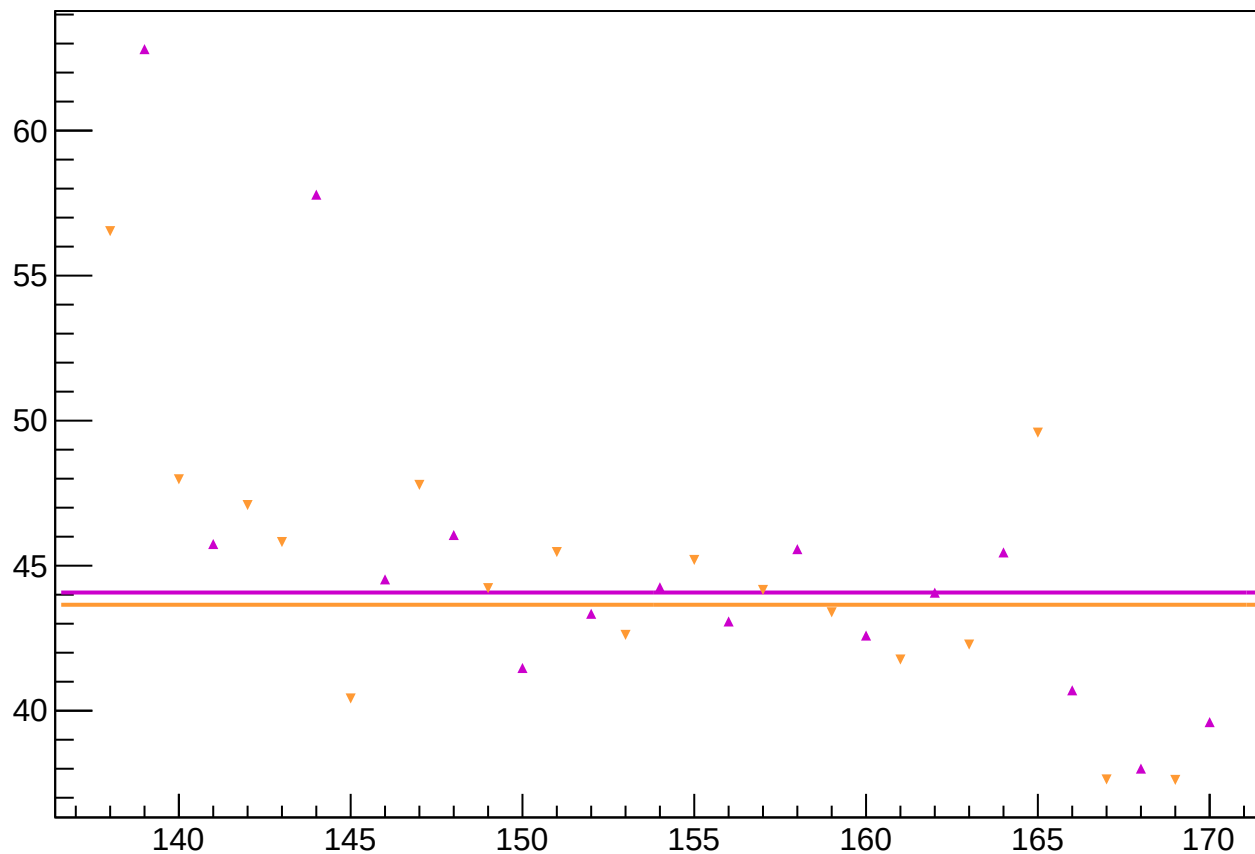
Left In: 19.567 $\pm$ 12.597 χ^2 /NDF:15.4/15

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

All: -8.599 $\pm$ 8.818 χ^2 /NDF: 66.0/32

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

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 43.653+/-0.009 χ^2/NDF : 223711.9/16

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

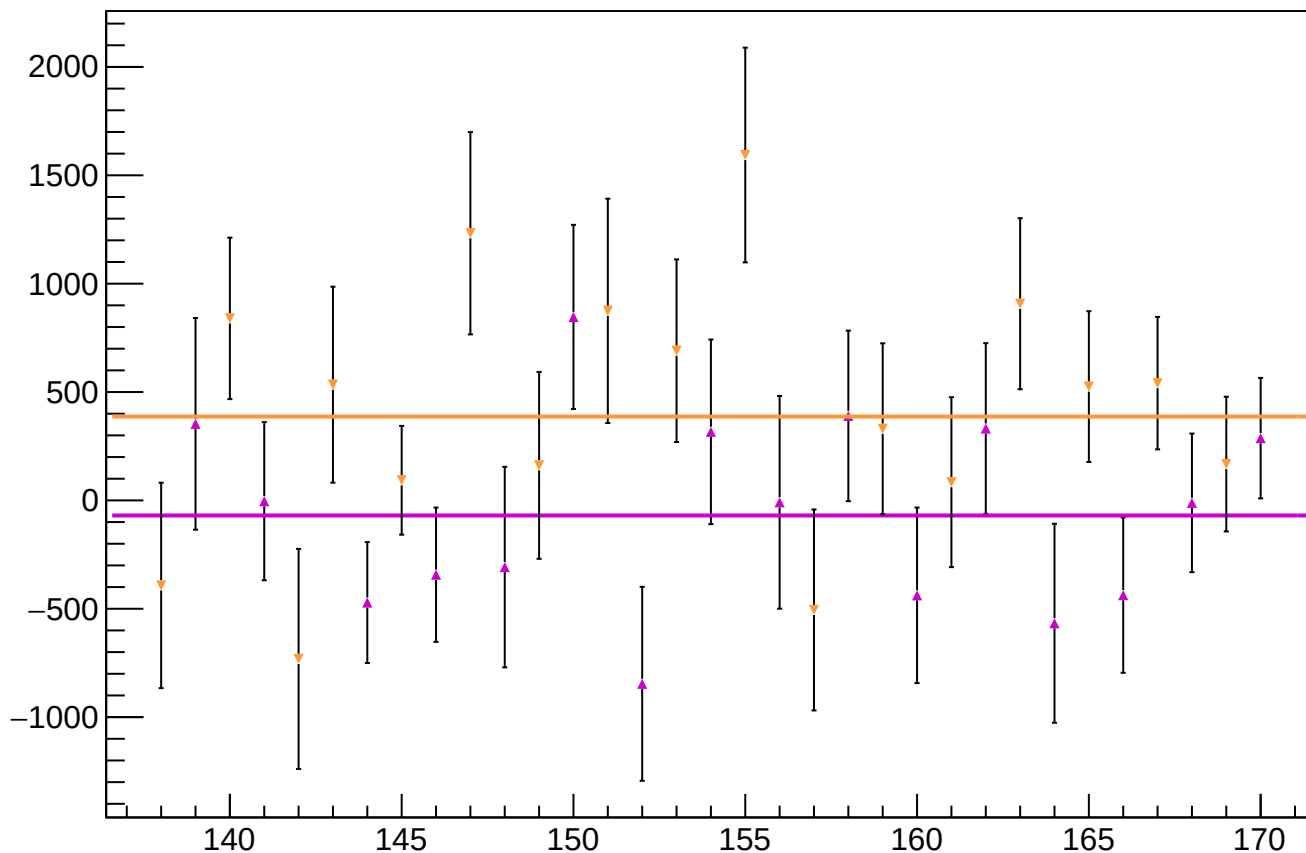
Left In: 44.075+/-0.009 χ^2/NDF : 314932.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.860+/-0.006 χ^2/NDF : 539787.0/32

- 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: 386.924+/-94.050 χ^2/NDF : 28.4/16

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

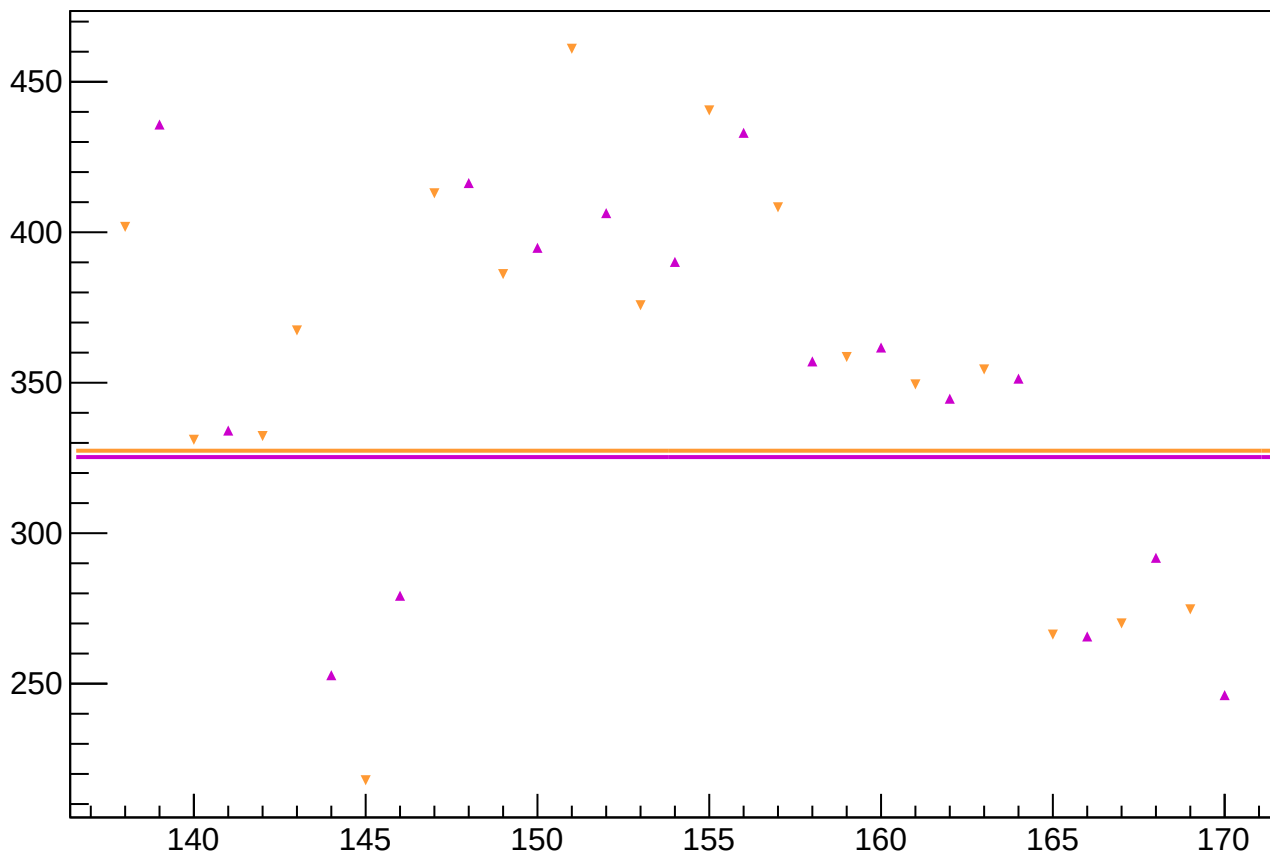
Left In: -69.568+/-93.623 χ^2/NDF : 19.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.640+/-66.352 χ^2/NDF : 59.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug



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

Left Out: 327.411+/-0.067 χ^2/NDF :1093015.4/16

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

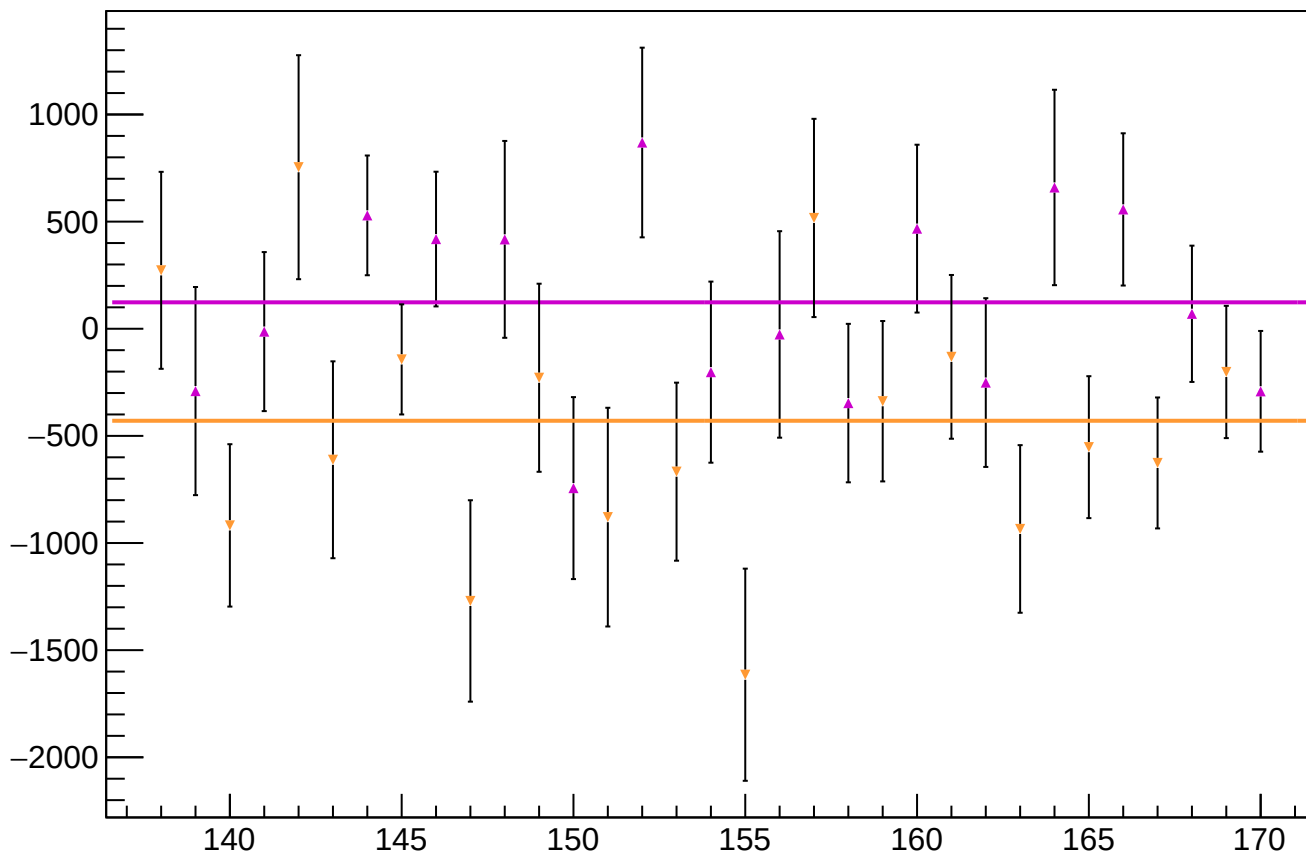
Left In: 325.292+/-0.066 χ^2/NDF :902047.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.347+/-0.047 χ^2/NDF : 1995572.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -429.439 $\pm$ 93.579 χ^2 /NDF:28.4/16

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

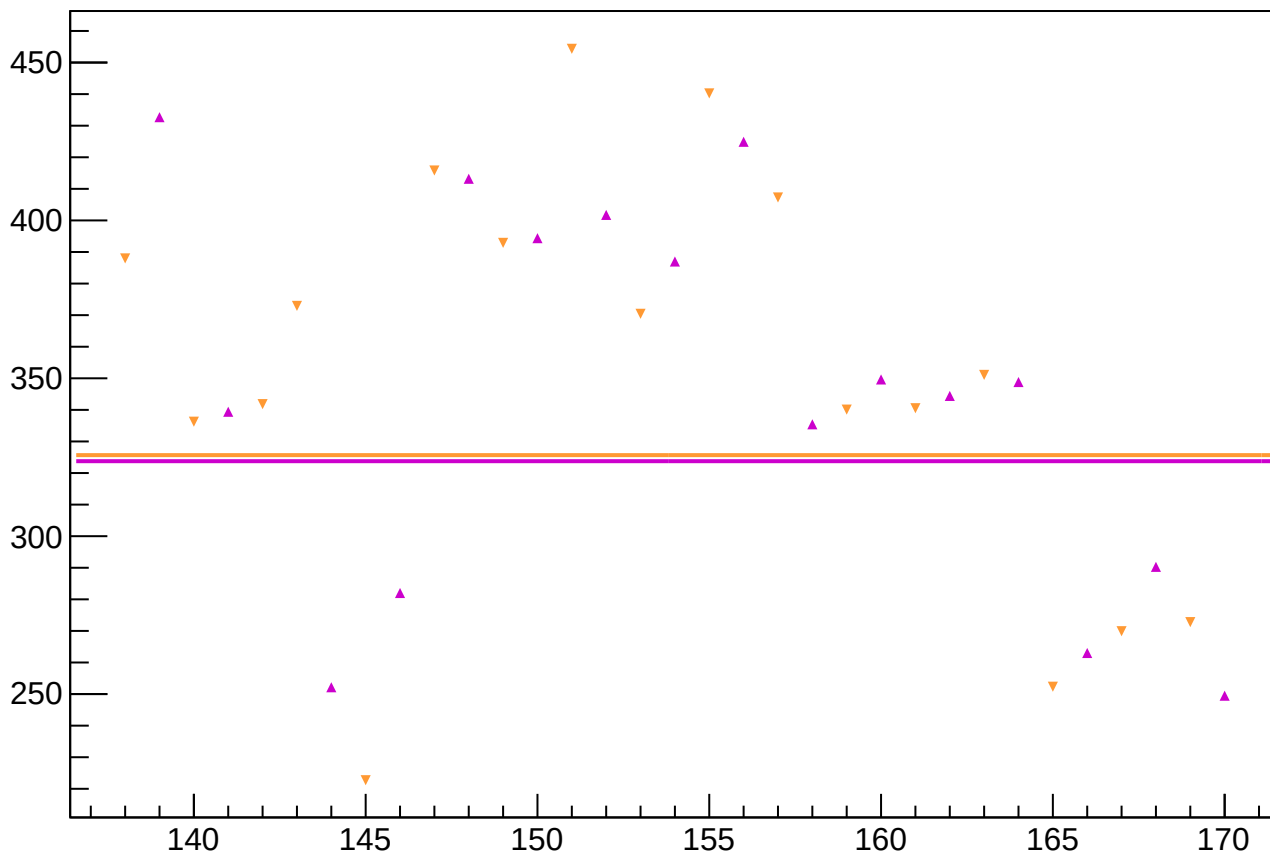
Left In: 123.315 $\pm$ 93.160 χ^2 /NDF:20.3/15

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

All: -151.824 $\pm$ 66.022 χ^2 /NDF: 66.2/32

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

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 325.669+/-0.066 χ^2/NDF : 1060614.8/16

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

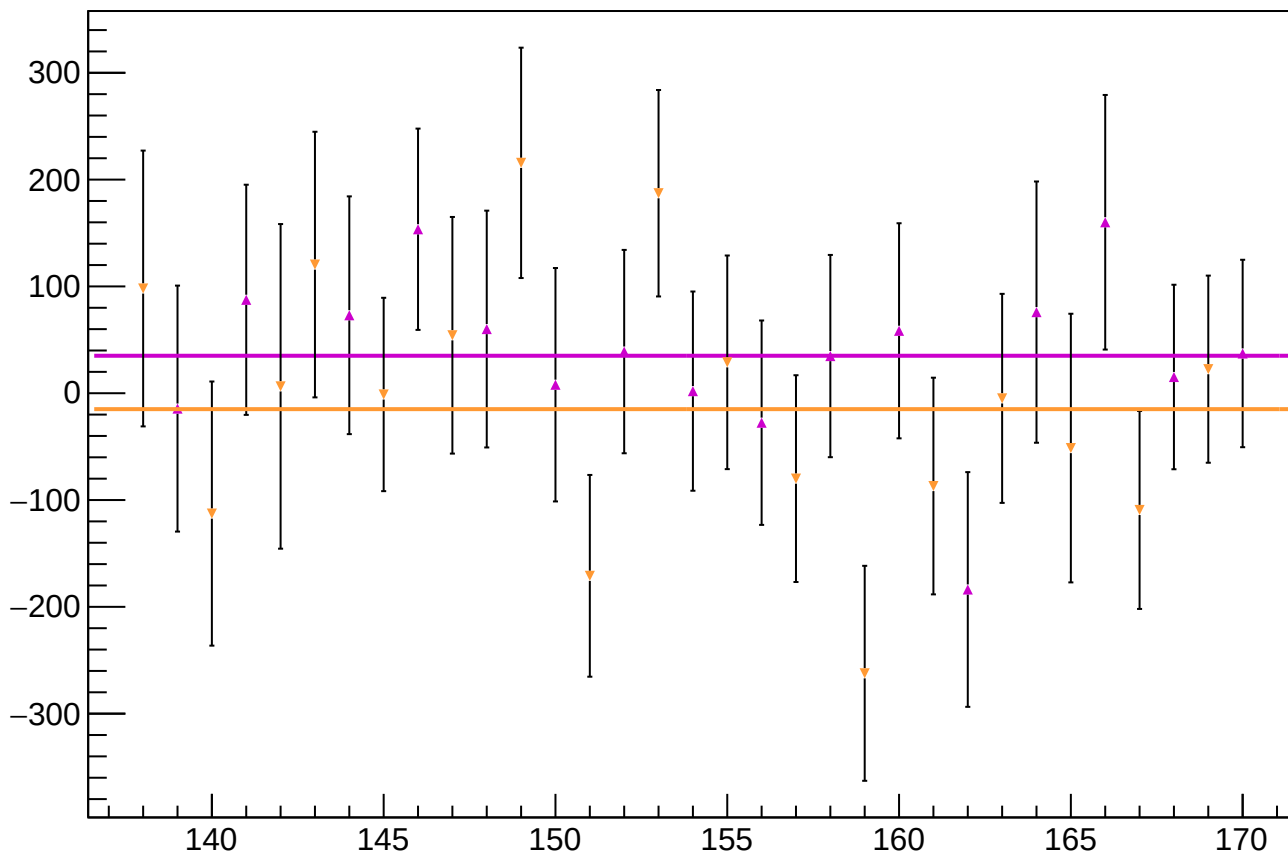
Left In: 323.750+/-0.066 χ^2/NDF : 838808.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.705+/-0.047 χ^2/NDF : 1899845.4/32

- 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 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -14.901 ± 25.325 $\chi^2/\text{NDF}: 23.2/16$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

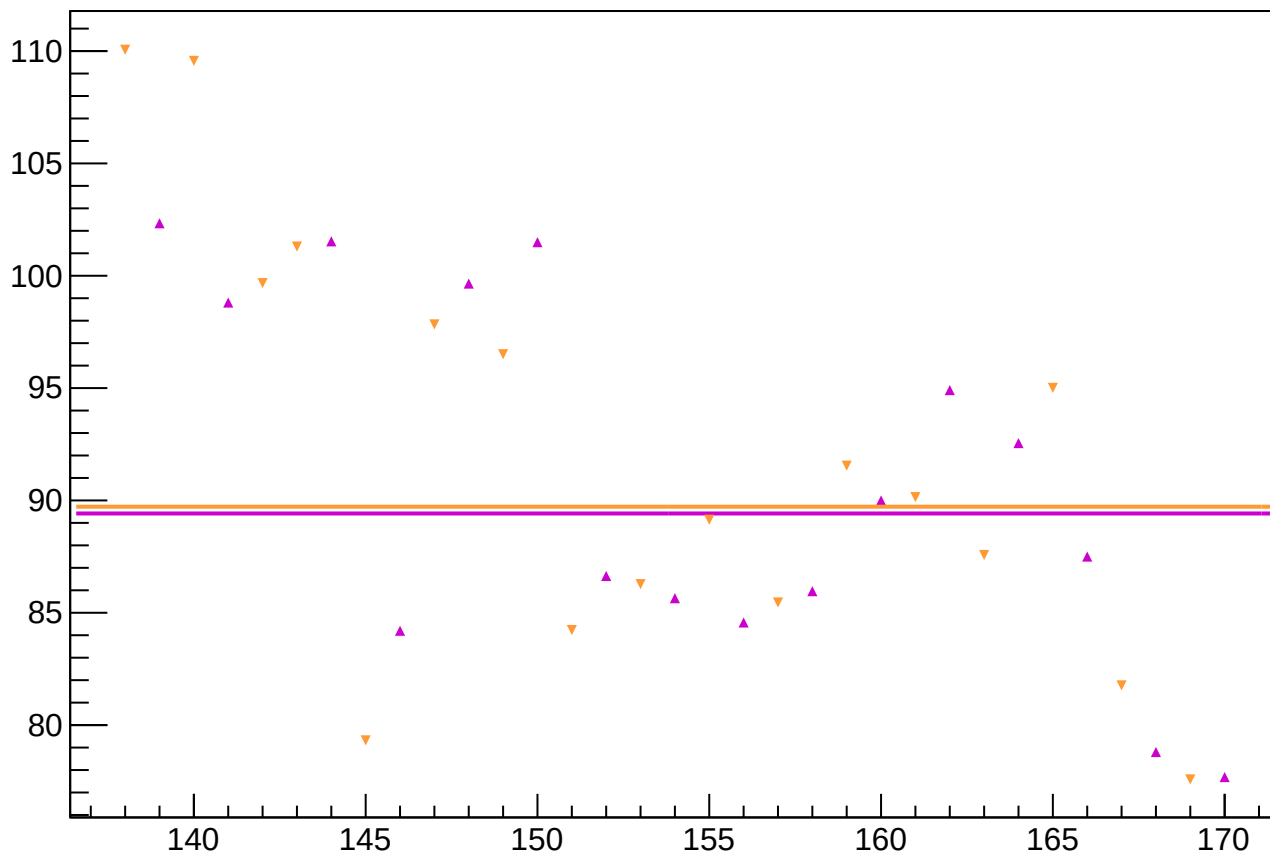
Left In: 35.088 ± 25.410 $\chi^2/\text{NDF}: 8.1/15$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 10.010 ± 17.938 $\chi^2/\text{NDF}: 33.2/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 89.721+/-0.018 χ^2/NDF : 243697.2/16

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

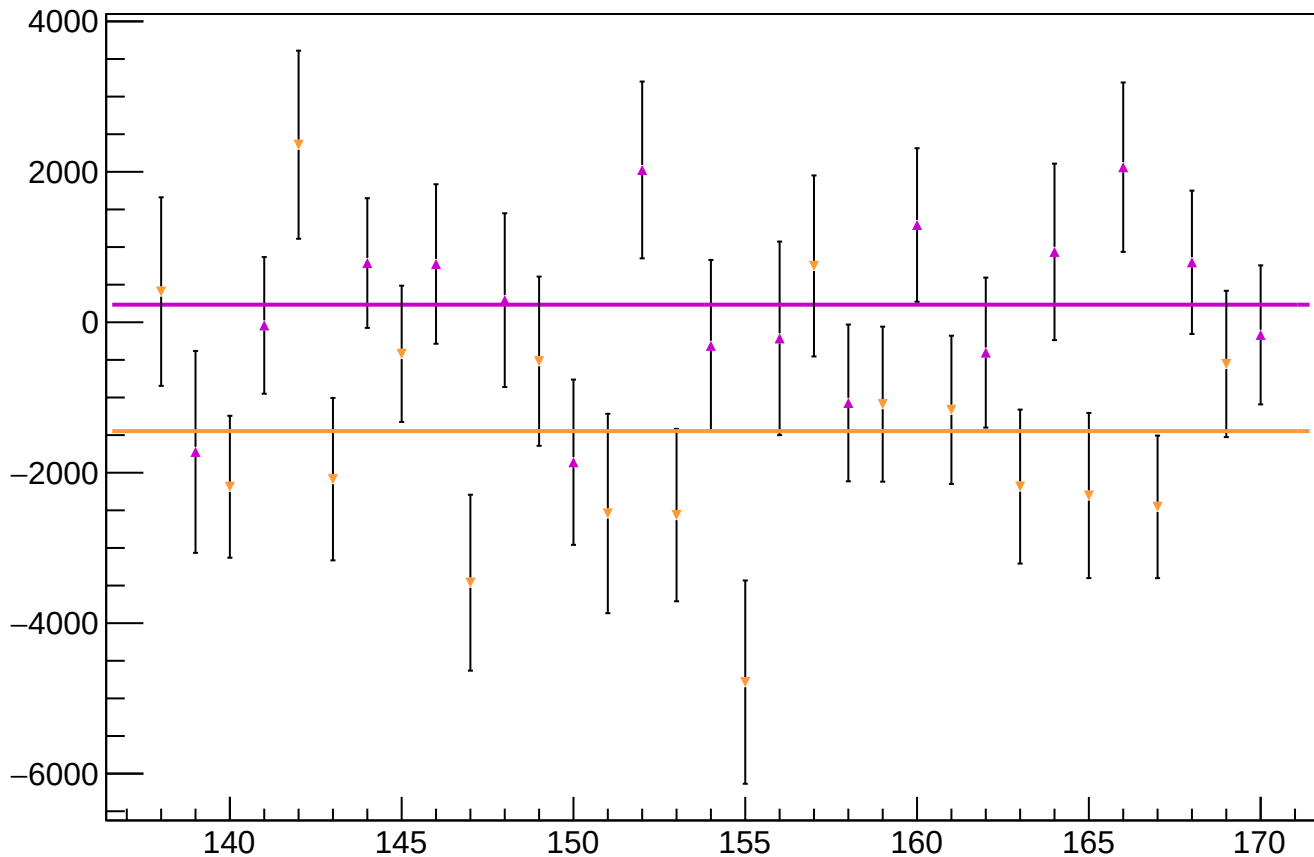
Left In: 89.419+/-0.018 χ^2/NDF : 197299.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.570+/-0.013 χ^2/NDF : 441137.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1446.627 $\pm$ 262.659 χ^2 /NDF:31.7/16

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

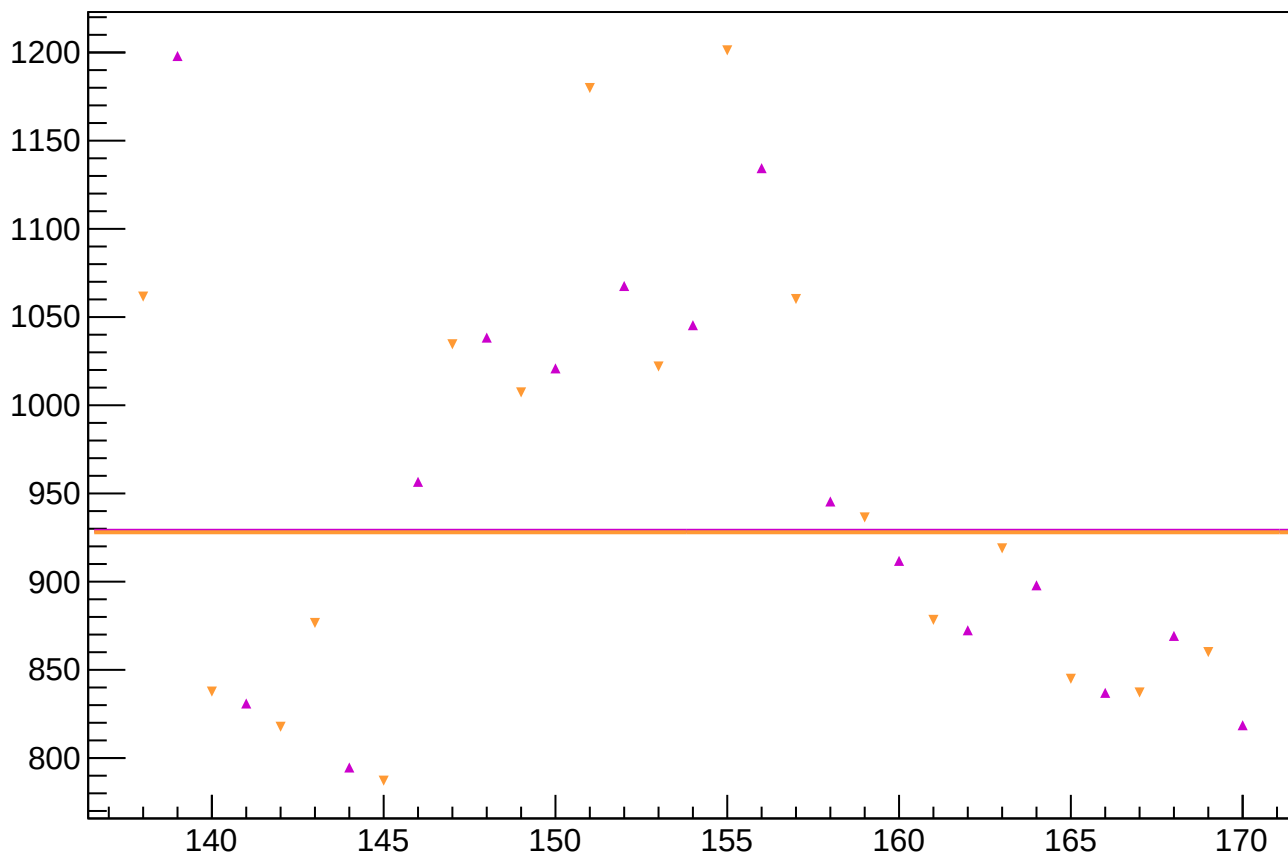
Left In: 233.906 $\pm$ 263.974 χ^2 /NDF:15.8/15

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

All: -610.559 $\pm$ 186.191 χ^2 /NDF: 67.9/32

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

asym_sam_24_68_dd_correction_rms vs Slug



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

Left Out: 928.002+/-0.186 χ^2/NDF : 372561.6/16

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

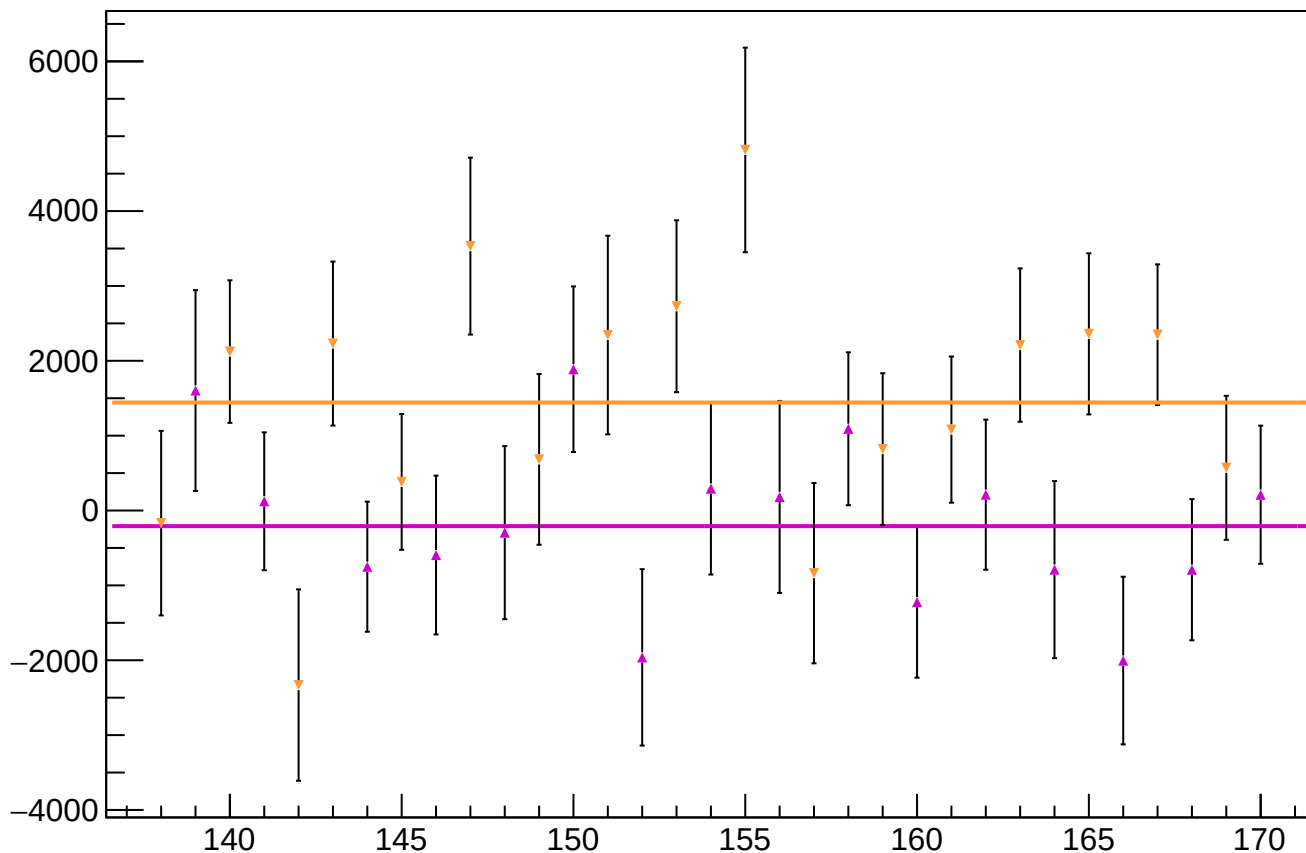
Left In: 928.841+/-0.187 χ^2/NDF : 343736.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 928.419+/-0.132 χ^2/NDF : 716308.3/32

- 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: 1443.089+/-262.498 χ^2/NDF : 31.3/16

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

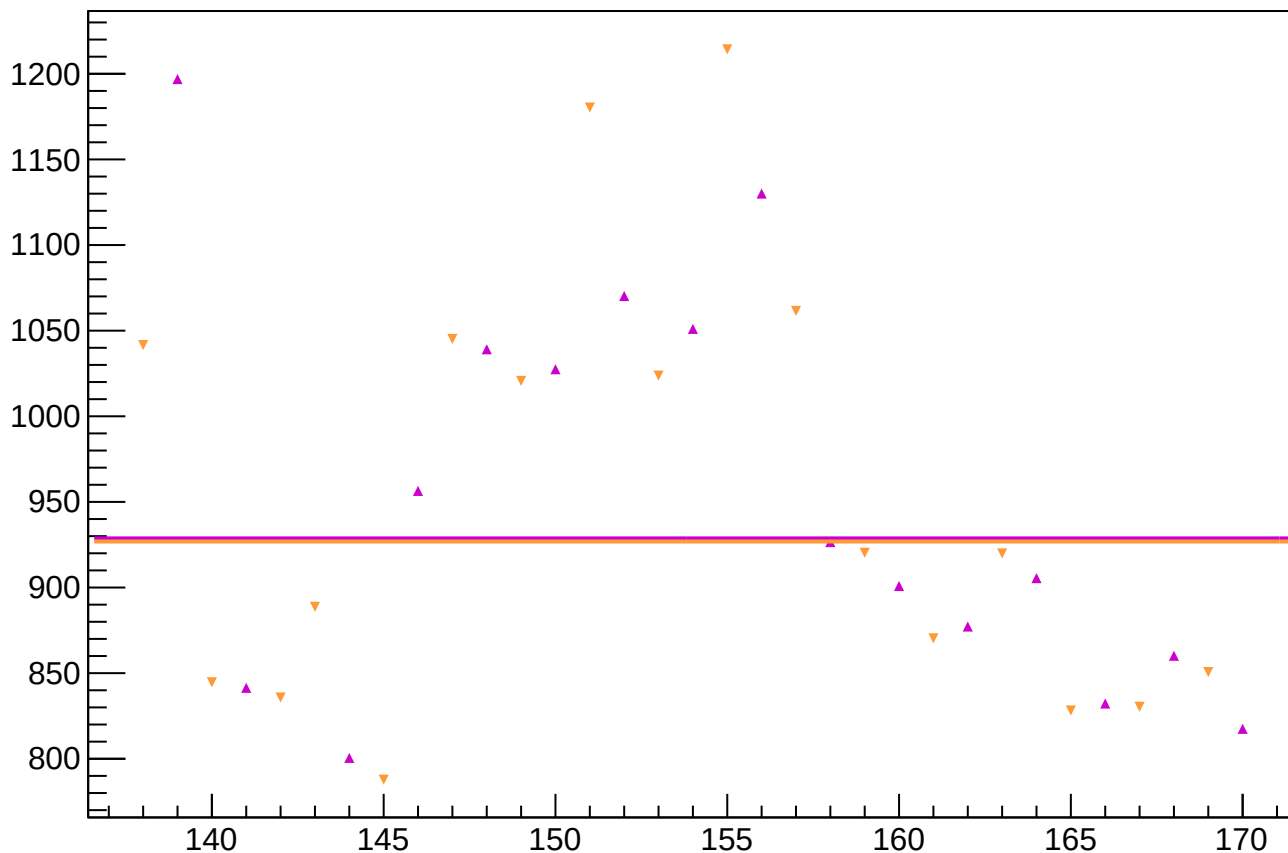
Left In: -208.531+/-263.975 χ^2/NDF : 14.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.911+/-186.134 χ^2/NDF : 65.8/32

- 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: 926.885+/-0.186 χ^2/NDF : 383528.0/16

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

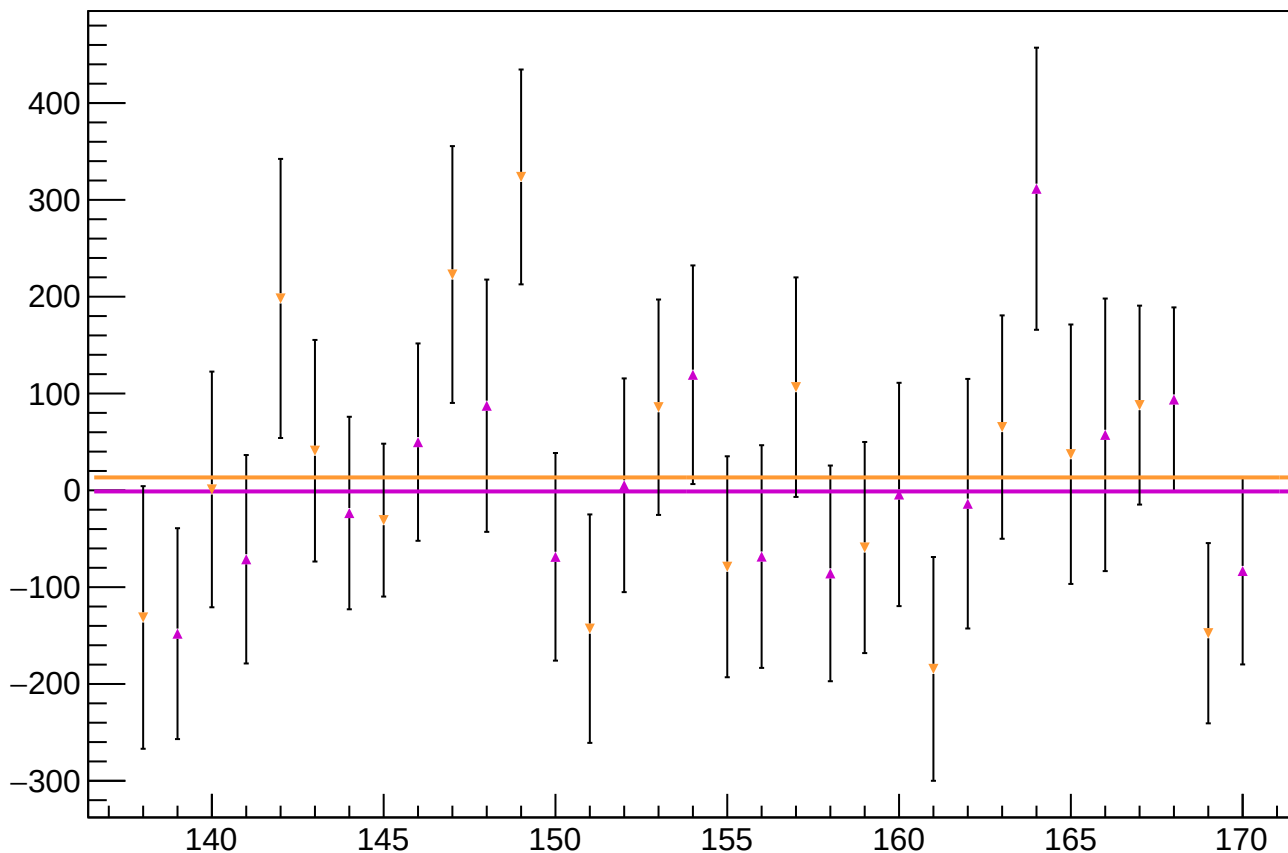
Left In: 928.693+/-0.187 χ^2/NDF : 339958.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.784+/-0.132 χ^2/NDF : 723533.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 13.342 $\pm$ 27.195 χ^2 /NDF:24.1/16

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

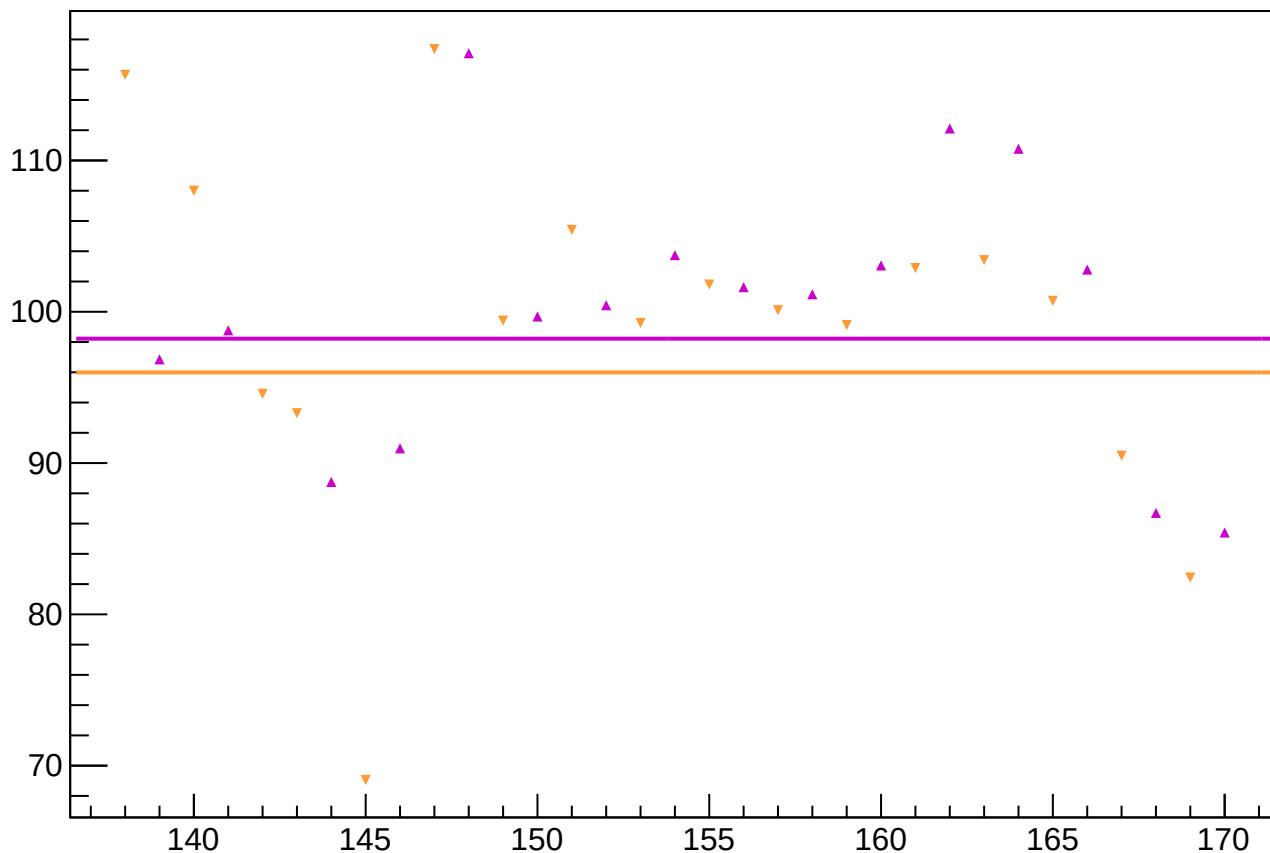
Left In: -1.138 $\pm$ 27.935 χ^2 /NDF:12.0/15

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

All: 6.296 $\pm$ 19.486 χ^2 /NDF: 36.2/32

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

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 95.991+/-0.019 χ^2/NDF :439477.6/16

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

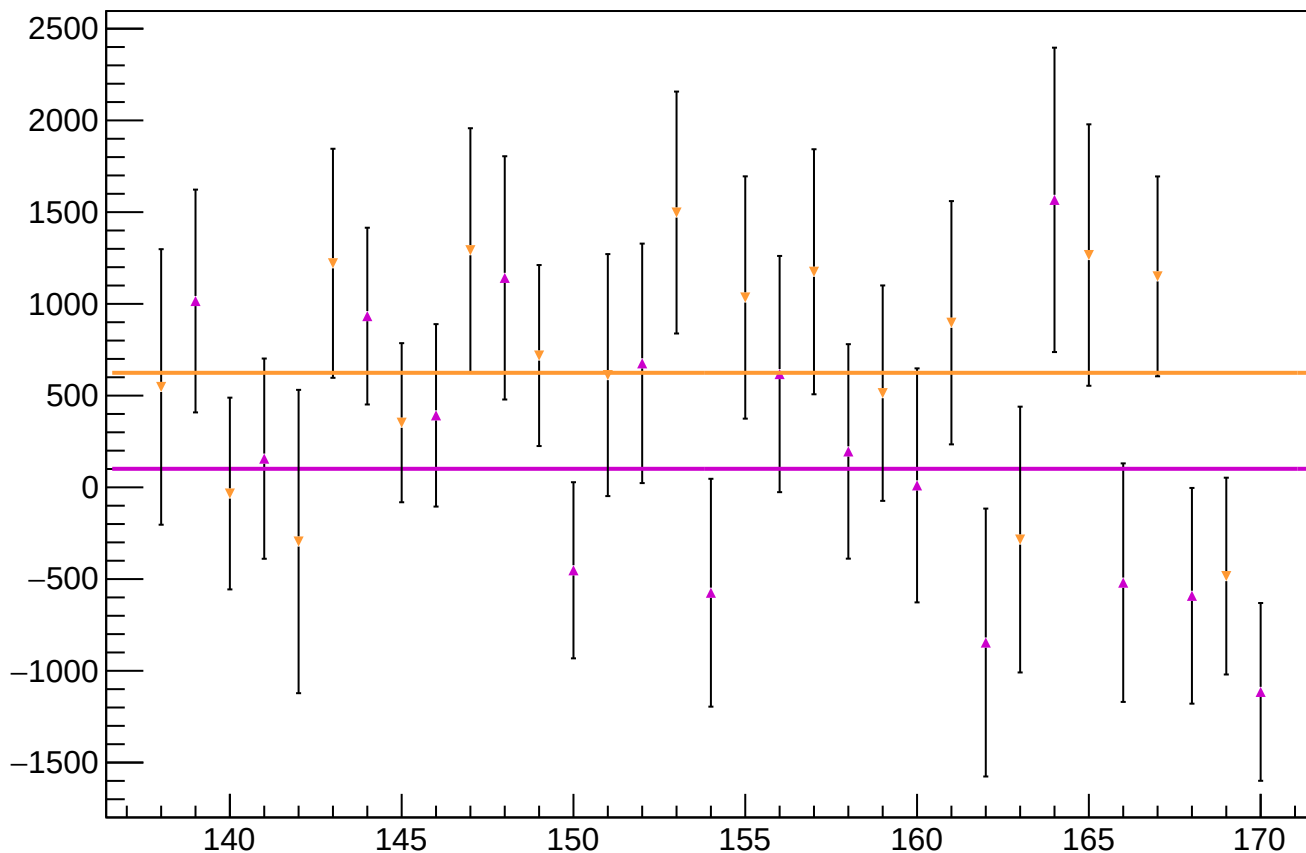
Left In: 98.223+/-0.020 χ^2/NDF :187895.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.077+/-0.014 χ^2/NDF : 633930.3/32

- 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: 624.280+/-147.141 χ^2/NDF :15.8/16

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

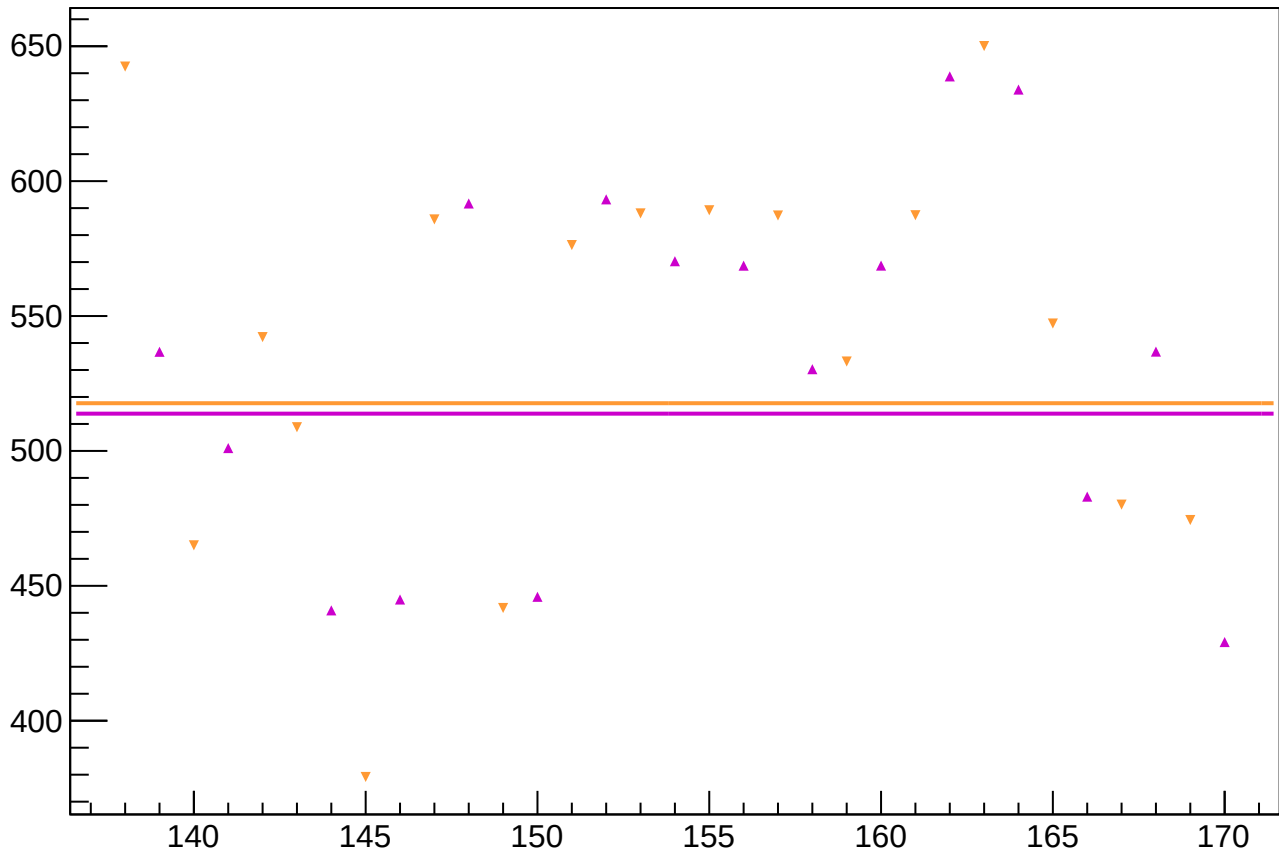
Left In: 101.057+/-146.446 χ^2/NDF :25.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 361.430+/-103.798 χ^2/NDF : 47.6/32

- 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: 517.686+/-0.104 χ^2/NDF : 550190.3/16

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

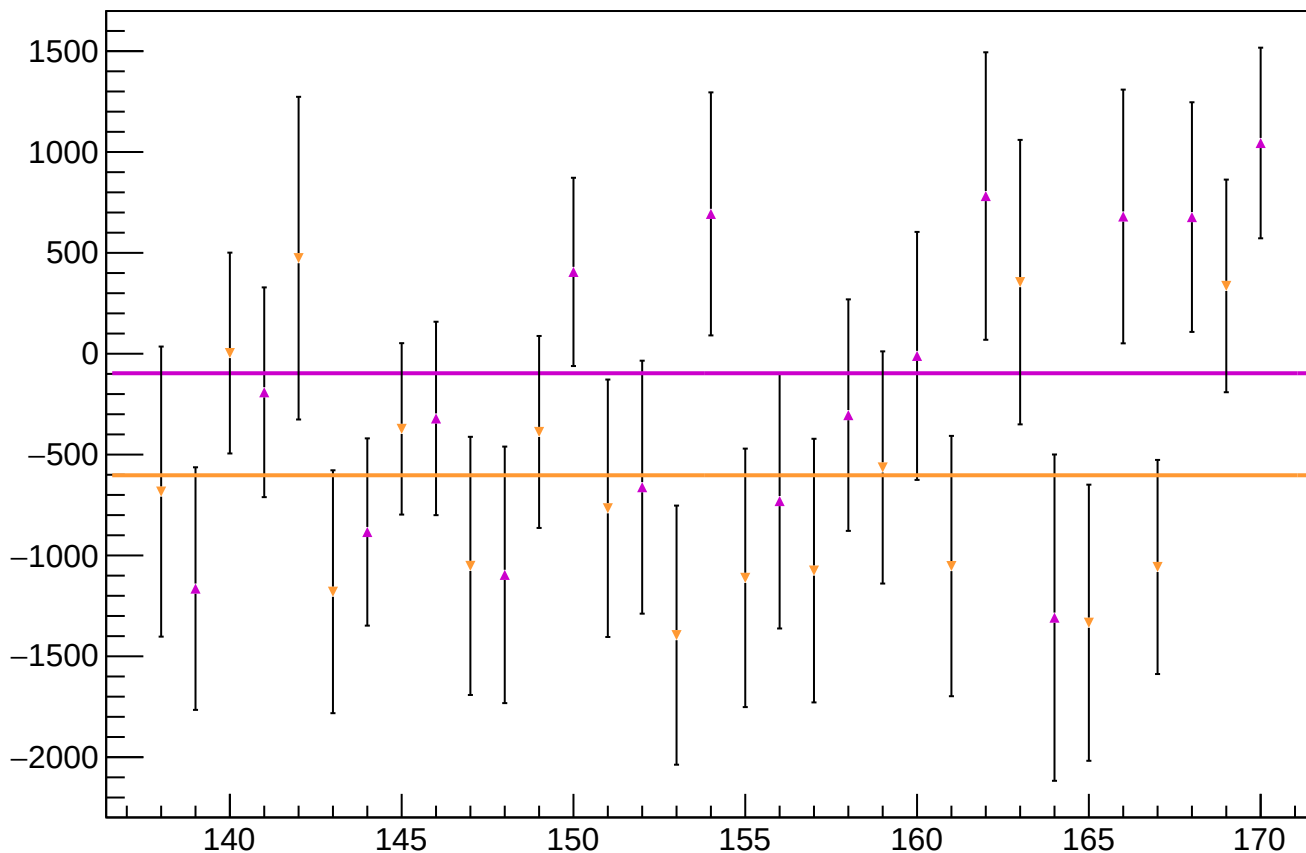
Left In: 513.816+/-0.104 χ^2/NDF : 402022.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.742+/-0.073 χ^2/NDF : 952907.7/32

- 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: -602.500+/-142.760 χ^2/NDF : 15.3/16

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

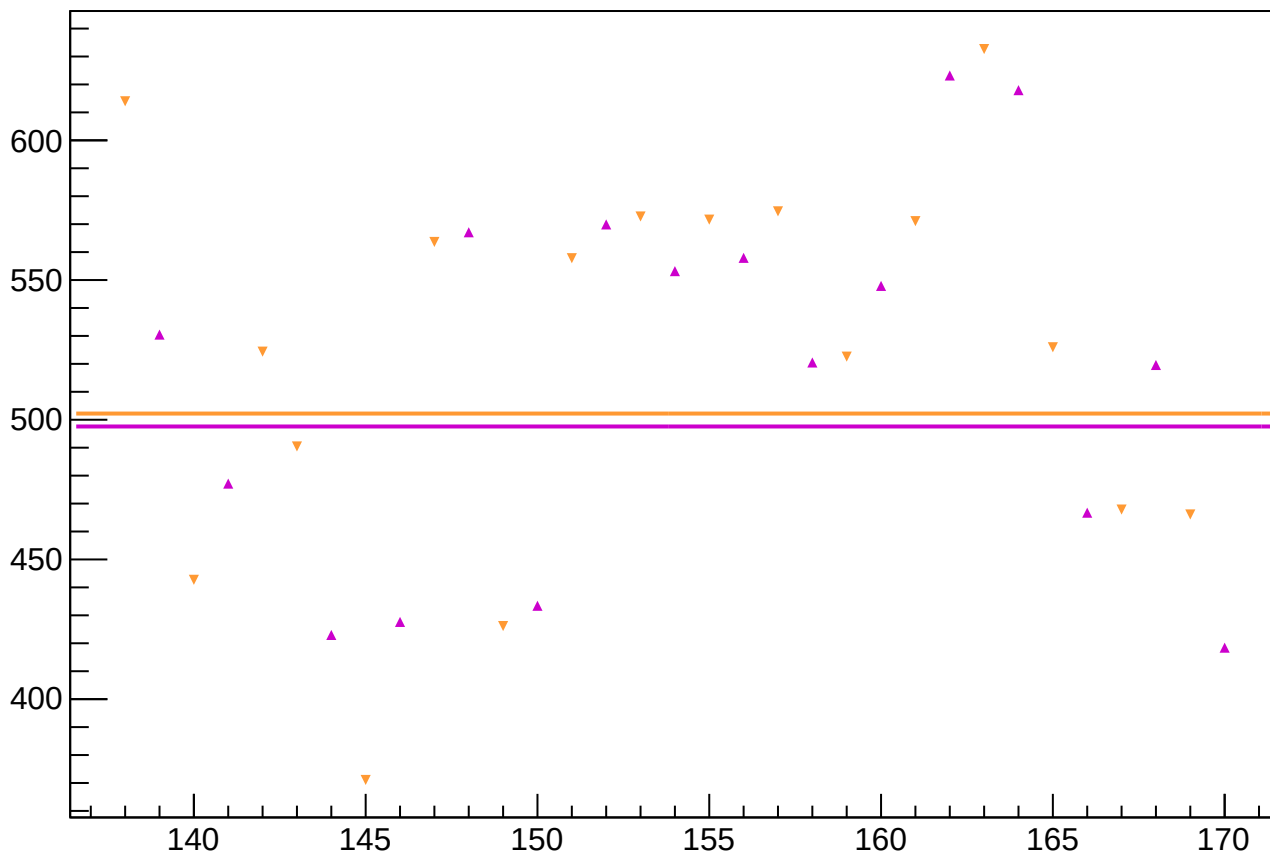
Left In: -96.750+/-141.985 χ^2/NDF : 26.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.249+/-100.672 χ^2/NDF : 48.2/32

- 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: 502.214+/-0.101 χ^2/NDF : 540430.2/16

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

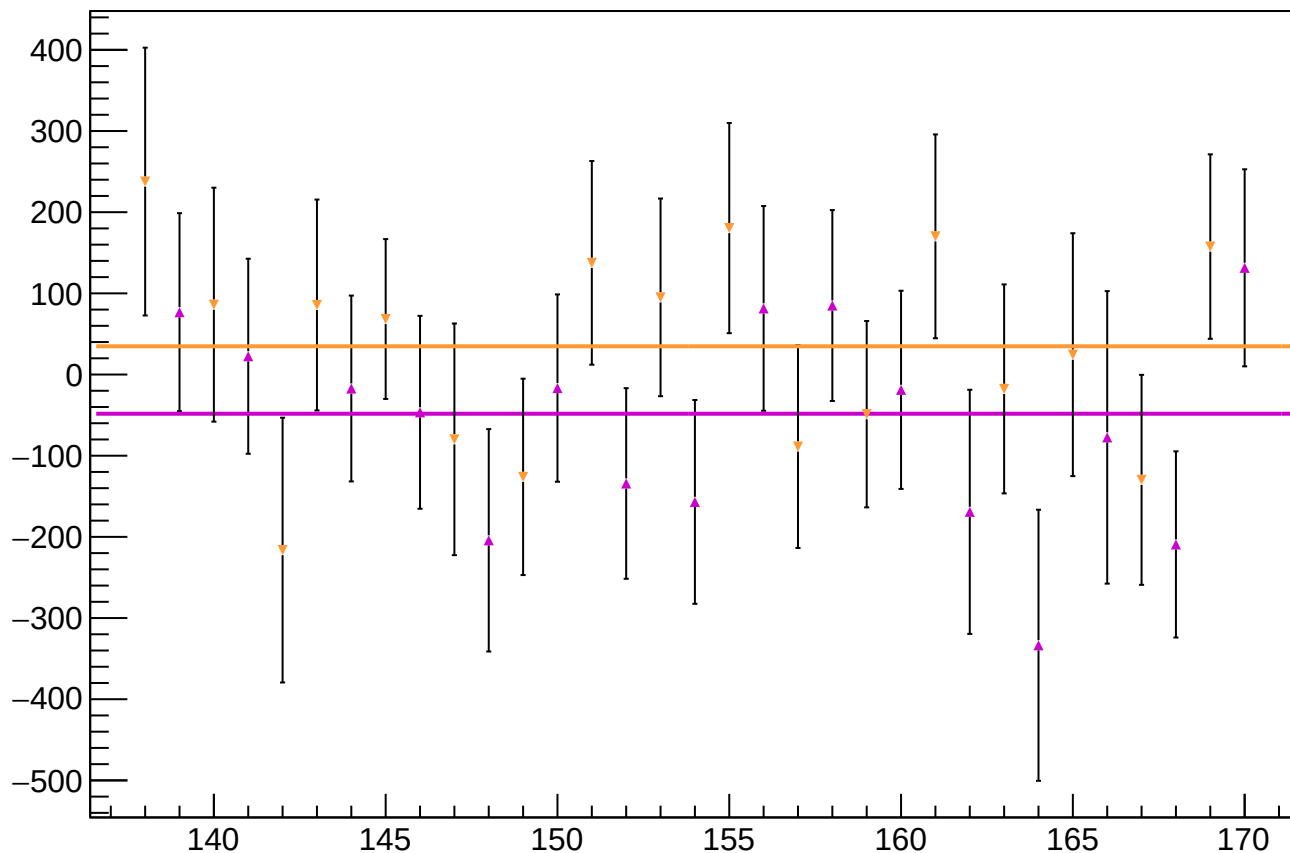
Left In: 497.588+/-0.100 χ^2/NDF : 413893.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.888+/-0.071 χ^2/NDF : 955379.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 34.801 $\pm$ 31.030 χ^2 /NDF:14.5/16

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

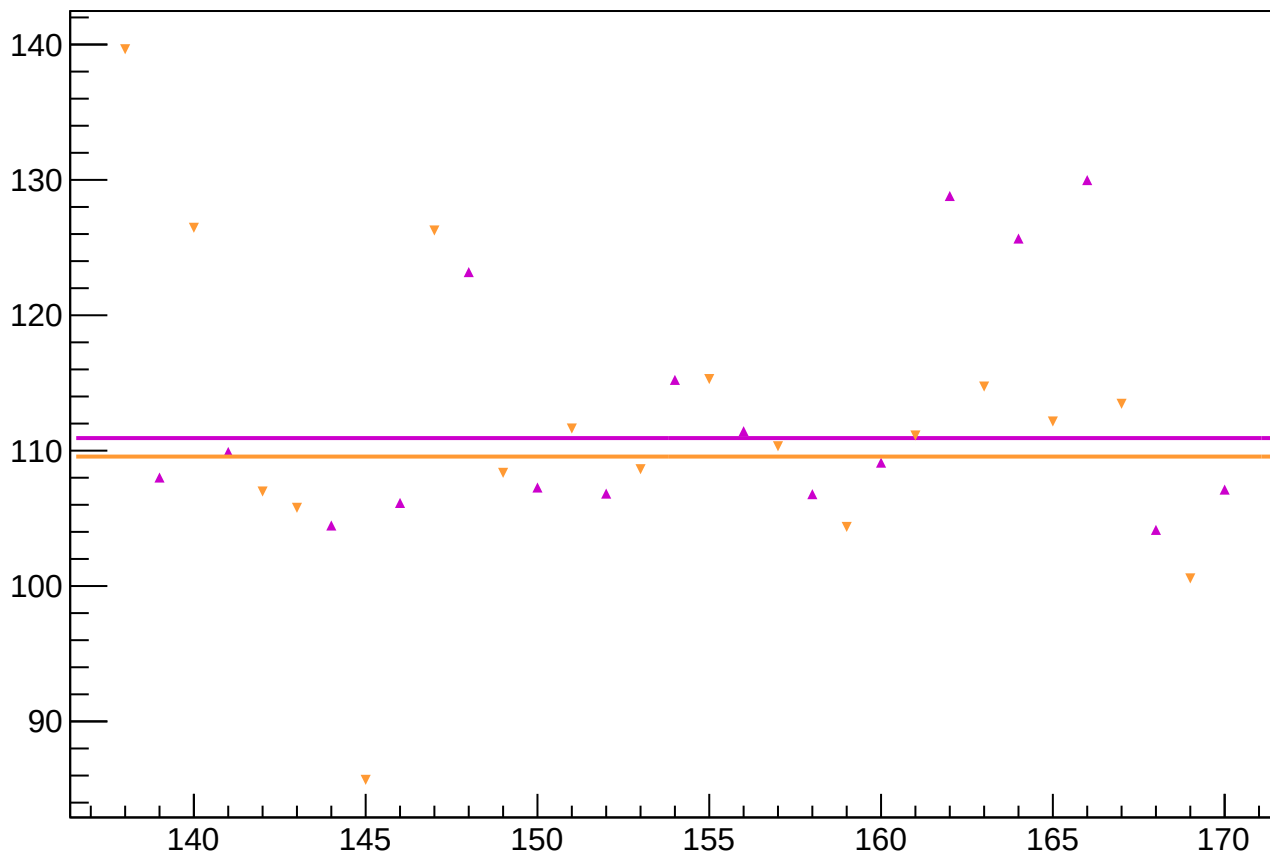
Left In: -48.289 $\pm$ 31.543 χ^2 /NDF:14.3/15

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

All: -6.063 $\pm$ 22.121 χ^2 /NDF: 32.3/32

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

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 109.562+/-0.022 χ^2/NDF : 268689.2/16

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

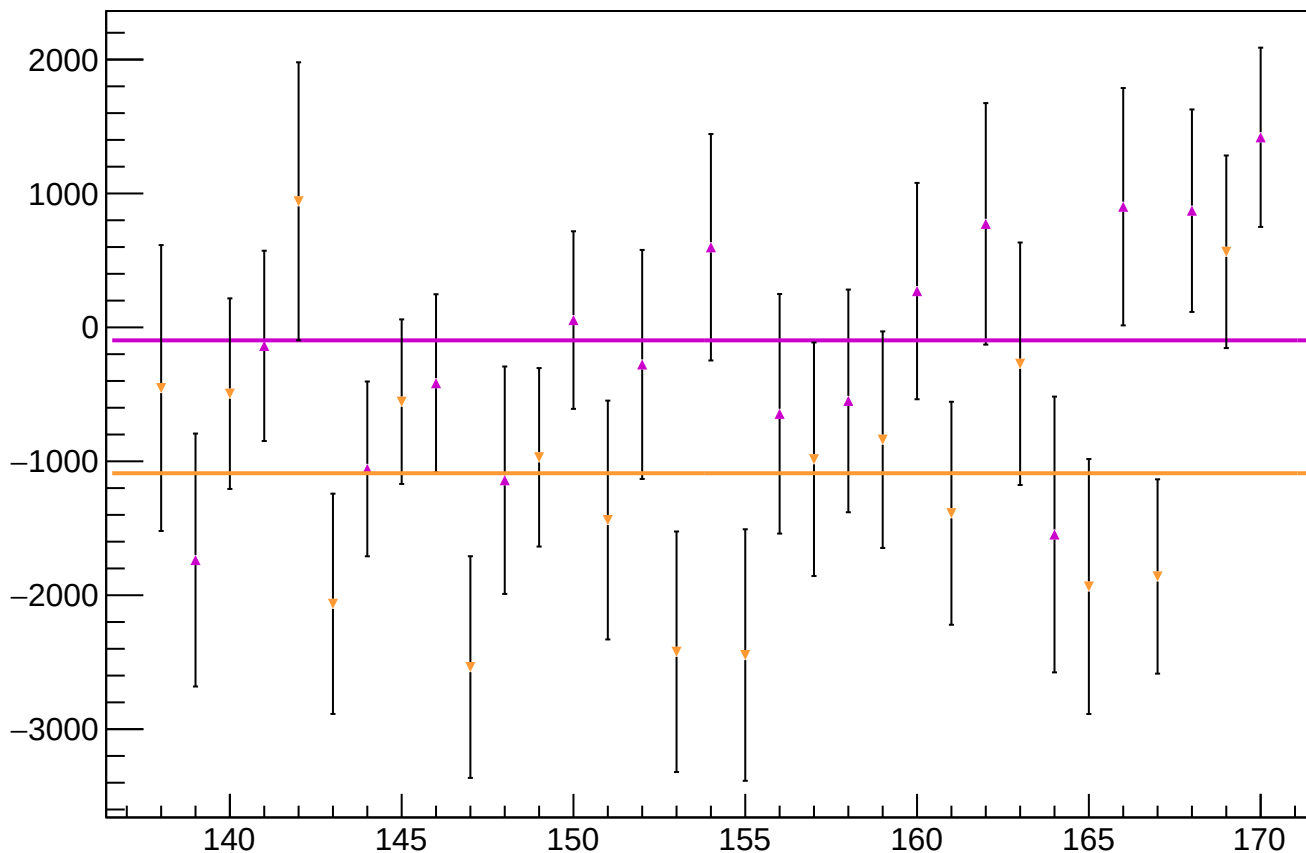
Left In: 110.928+/-0.022 χ^2/NDF : 111866.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.234+/-0.016 χ^2/NDF : 382461.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1089.024 $\pm$ 197.267 χ^2 /NDF:22.8/16

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

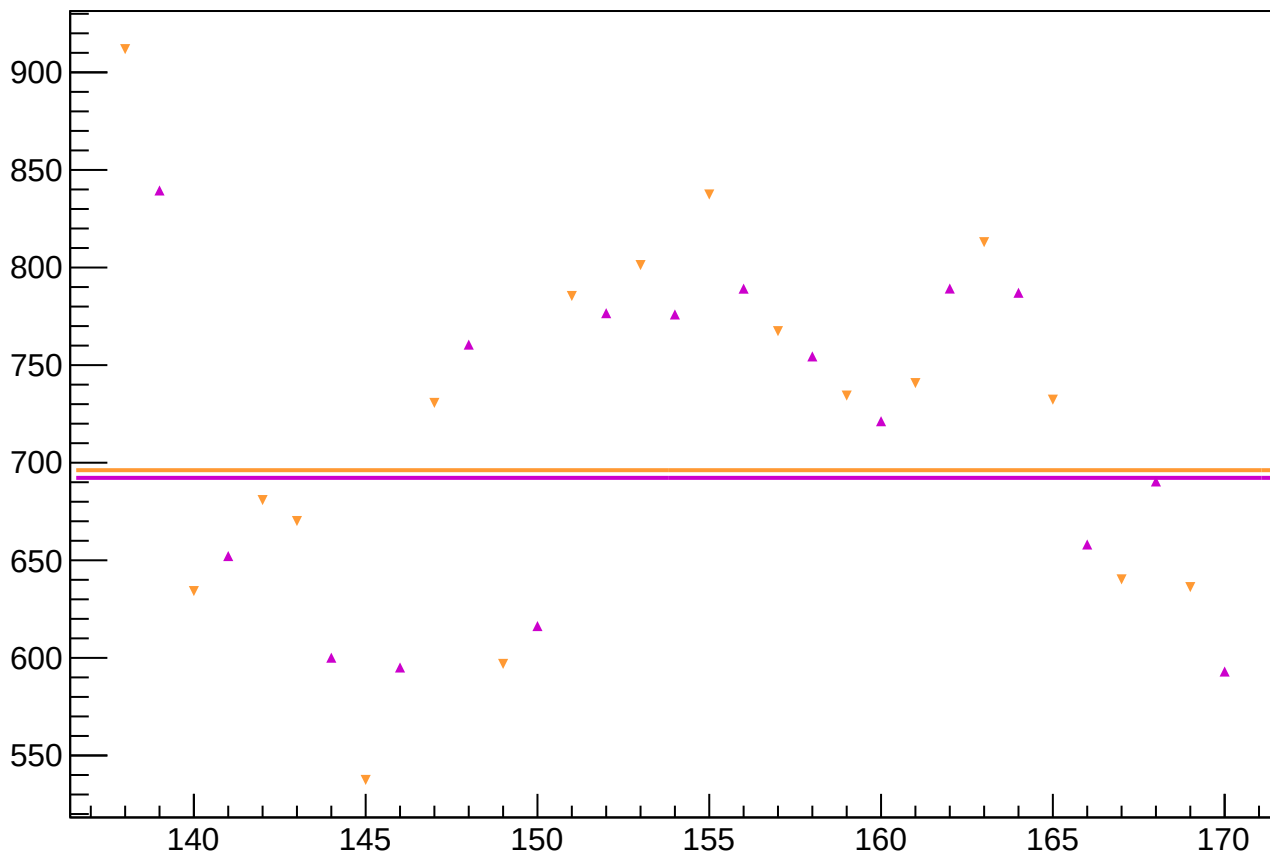
Left In: -96.800 $\pm$ 196.860 χ^2 /NDF:19.5/15

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

All: -591.890 $\pm$ 139.345 χ^2 /NDF: 55.1/32

- sign 0.000 $\pm$ 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: 696.170+/-0.139 χ^2/NDF : 458785.0/16

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

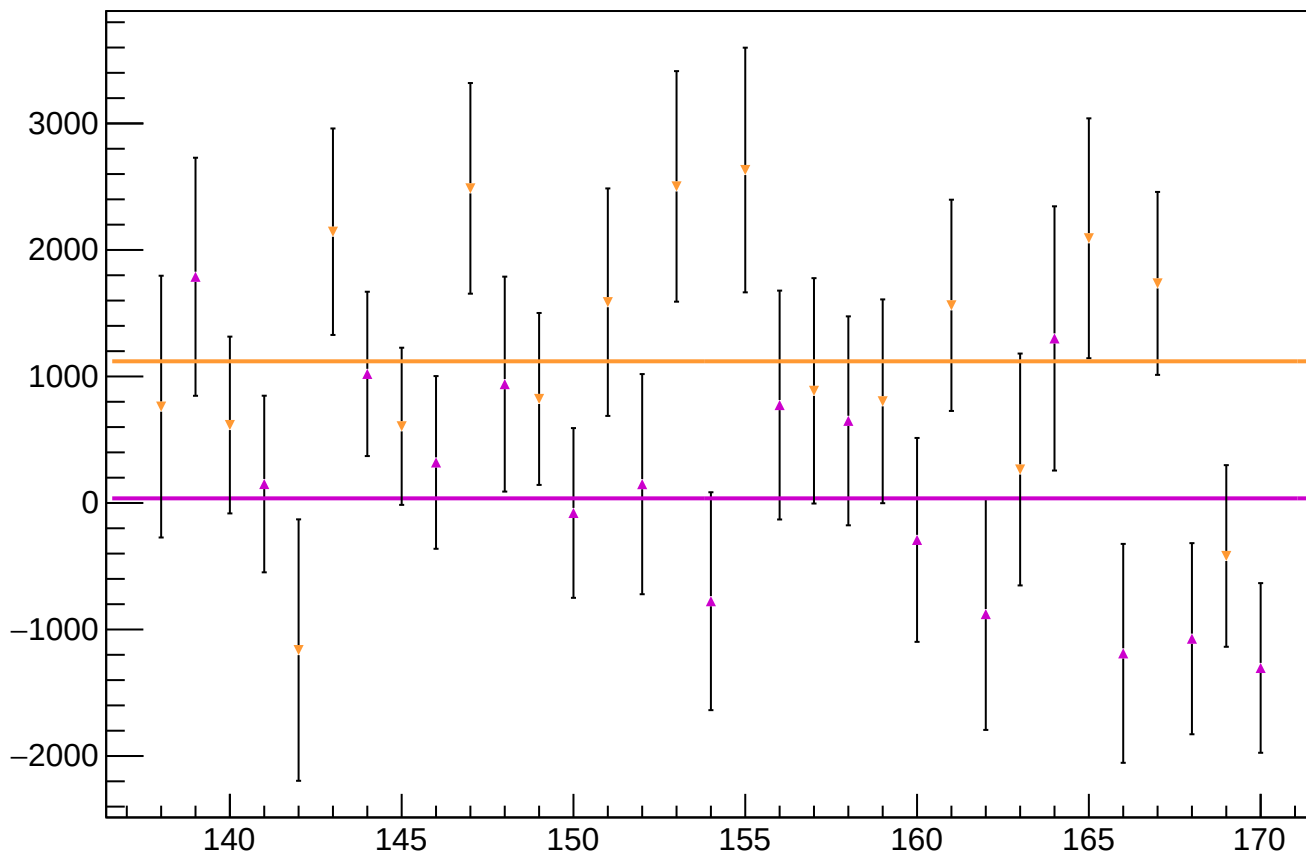
Left In: 692.239+/-0.139 χ^2/NDF : 340221.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.200+/-0.099 χ^2/NDF : 799404.0/32

- 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: 1119.882+/-197.931 χ^2/NDF :23.4/16

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

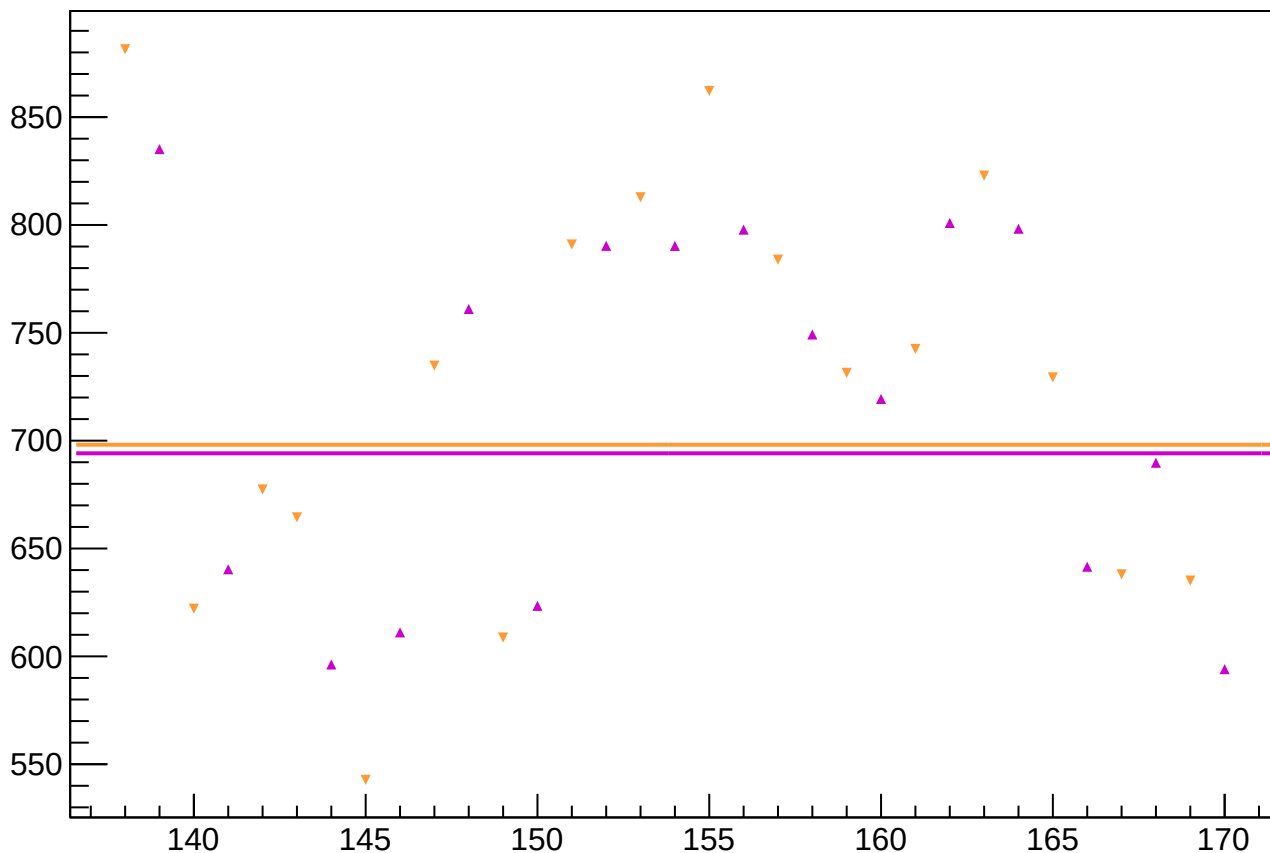
Left In: 36.585+/-197.539 χ^2/NDF :20.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.159+/-139.820 χ^2/NDF : 58.5/32

- 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: 698.119+/-0.140 χ^2/NDF : 460947.1/16

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

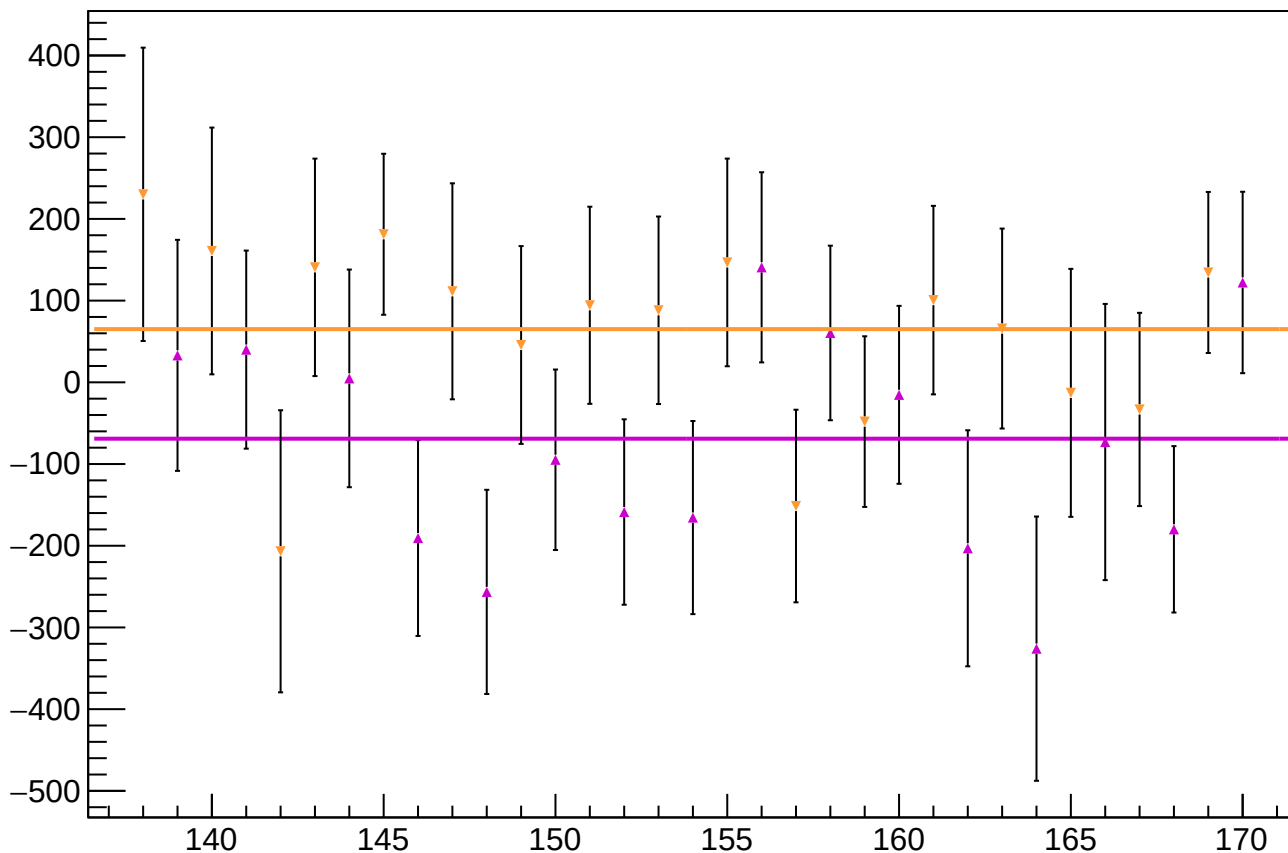
Left In: 694.136+/-0.140 χ^2/NDF : 352046.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.124+/-0.099 χ^2/NDF : 813399.3/32

- 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: 65.137+/-29.834 χ^2/NDF :12.2/16

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

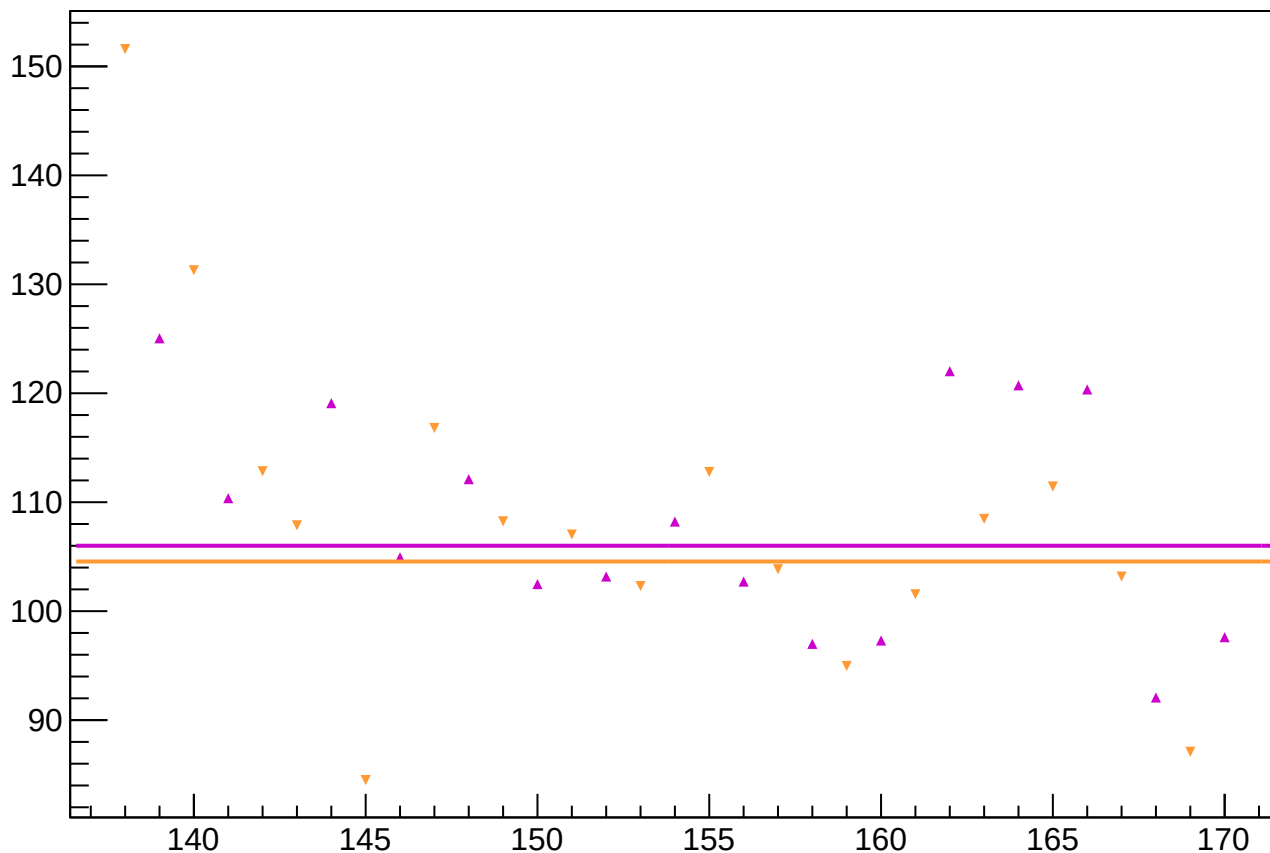
Left In: -68.995+/-30.373 χ^2/NDF :18.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.728+/-21.284 χ^2/NDF : 40.9/32

- 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: 104.557+/-0.021 χ^2/NDF : 405274.2/16

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

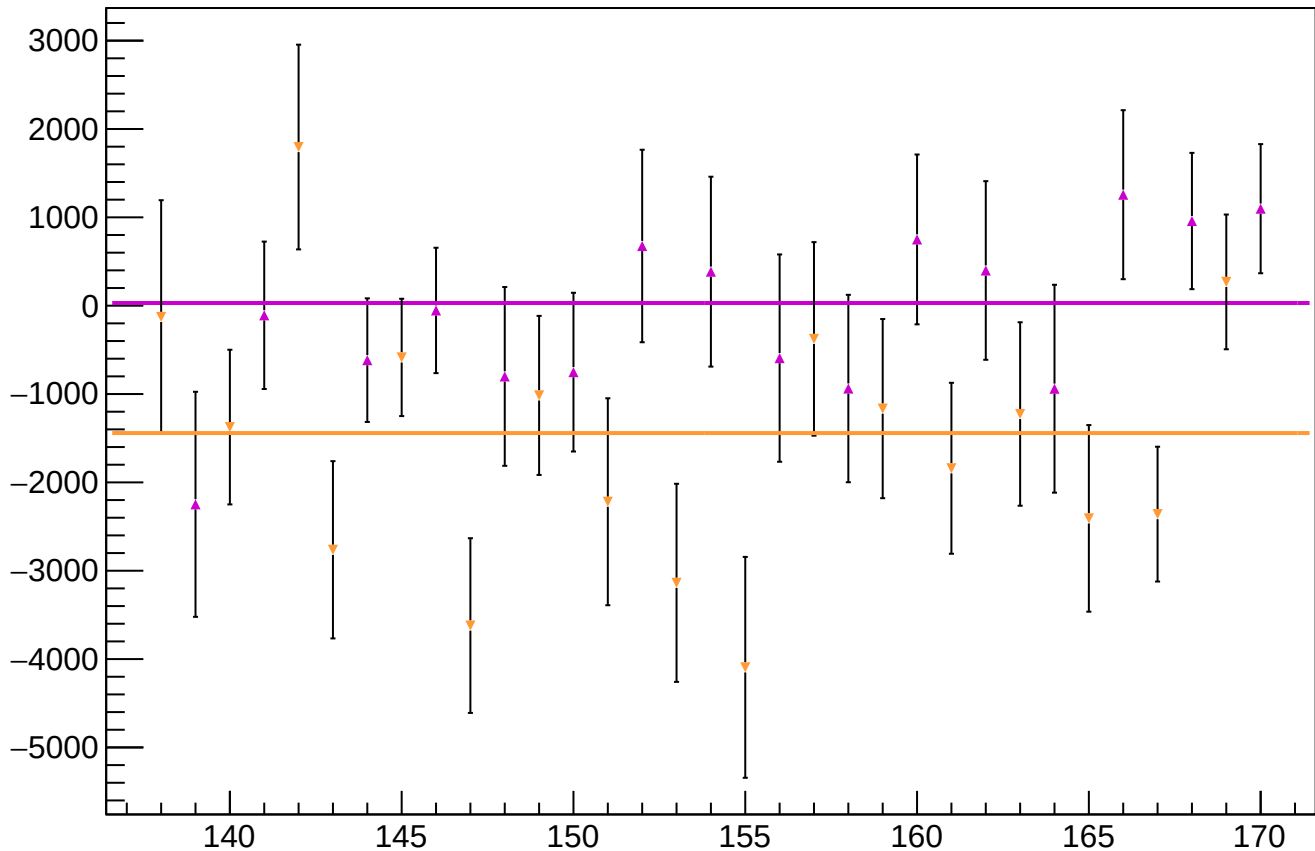
Left In: 106.004+/-0.021 χ^2/NDF : 200115.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.268+/-0.015 χ^2/NDF : 607699.5/32

- 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: -1441.730+/-232.870 χ^2/NDF : 33.1/16

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

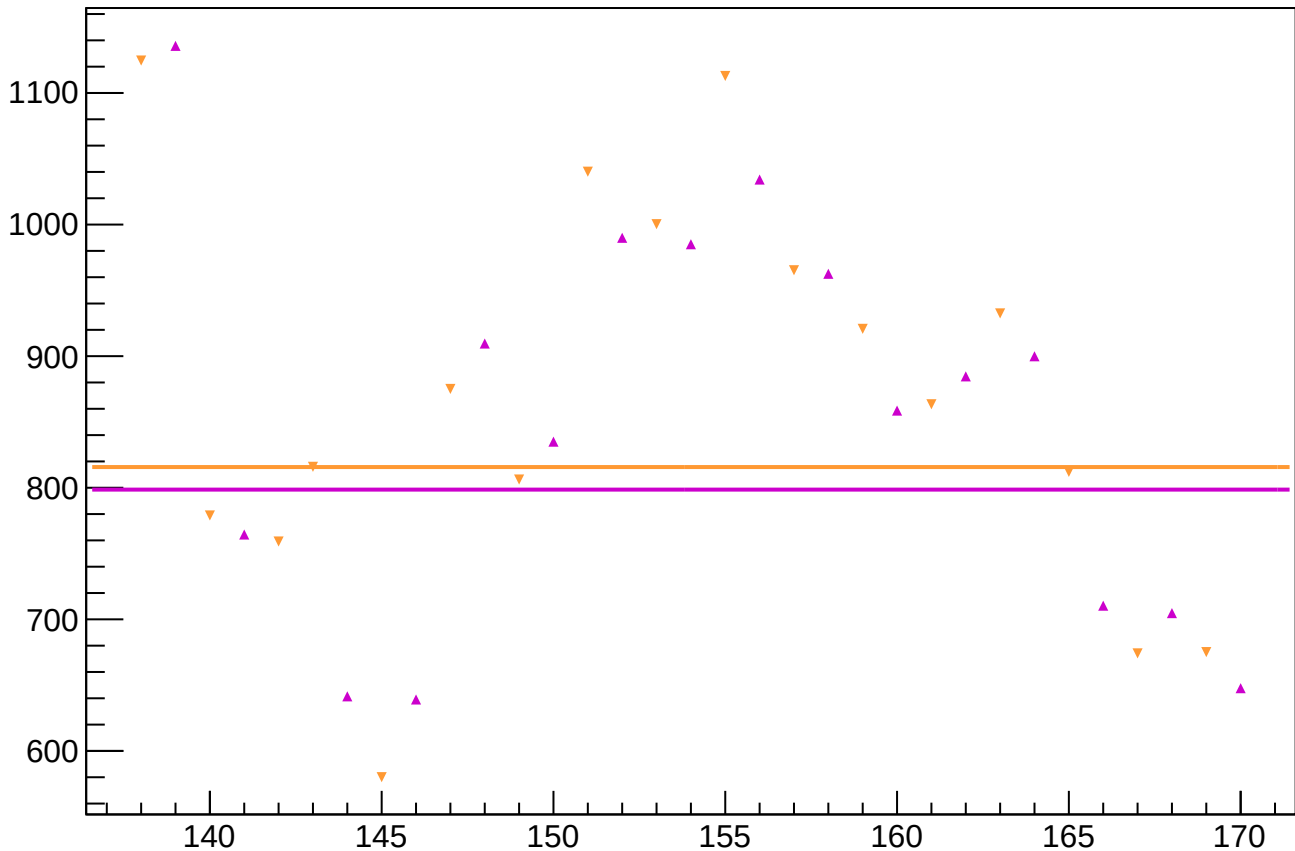
Left In: 30.405+/-229.105 χ^2/NDF : 13.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -693.668+/-163.317 χ^2/NDF : 67.1/32

- 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: 815.725+/-0.165 χ^2/NDF : 843482.0/16

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

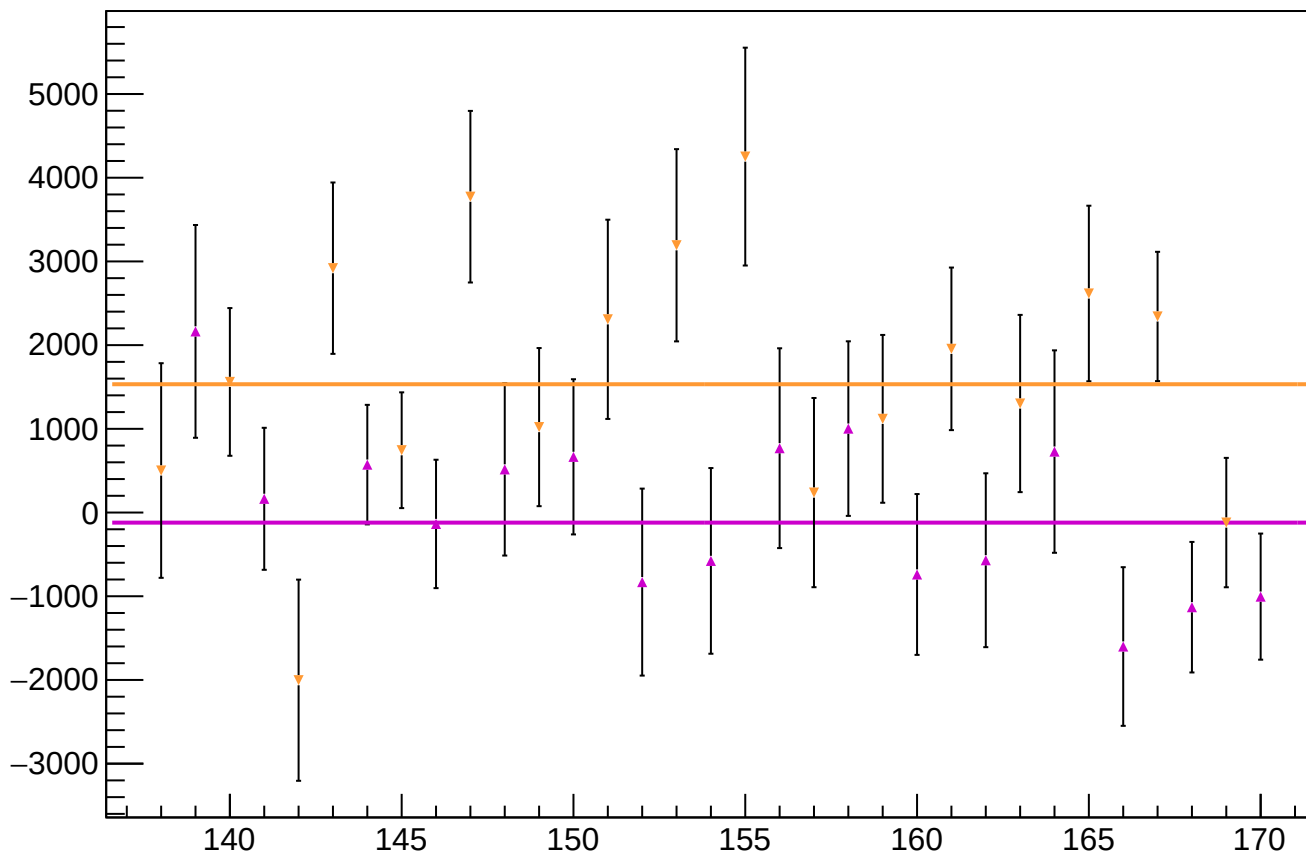
Left In: 798.586+/-0.162 χ^2/NDF : 792231.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 807.016+/-0.115 χ^2/NDF : 1641218.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1532.791+/-237.367 χ^2/NDF : 32.9/16

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

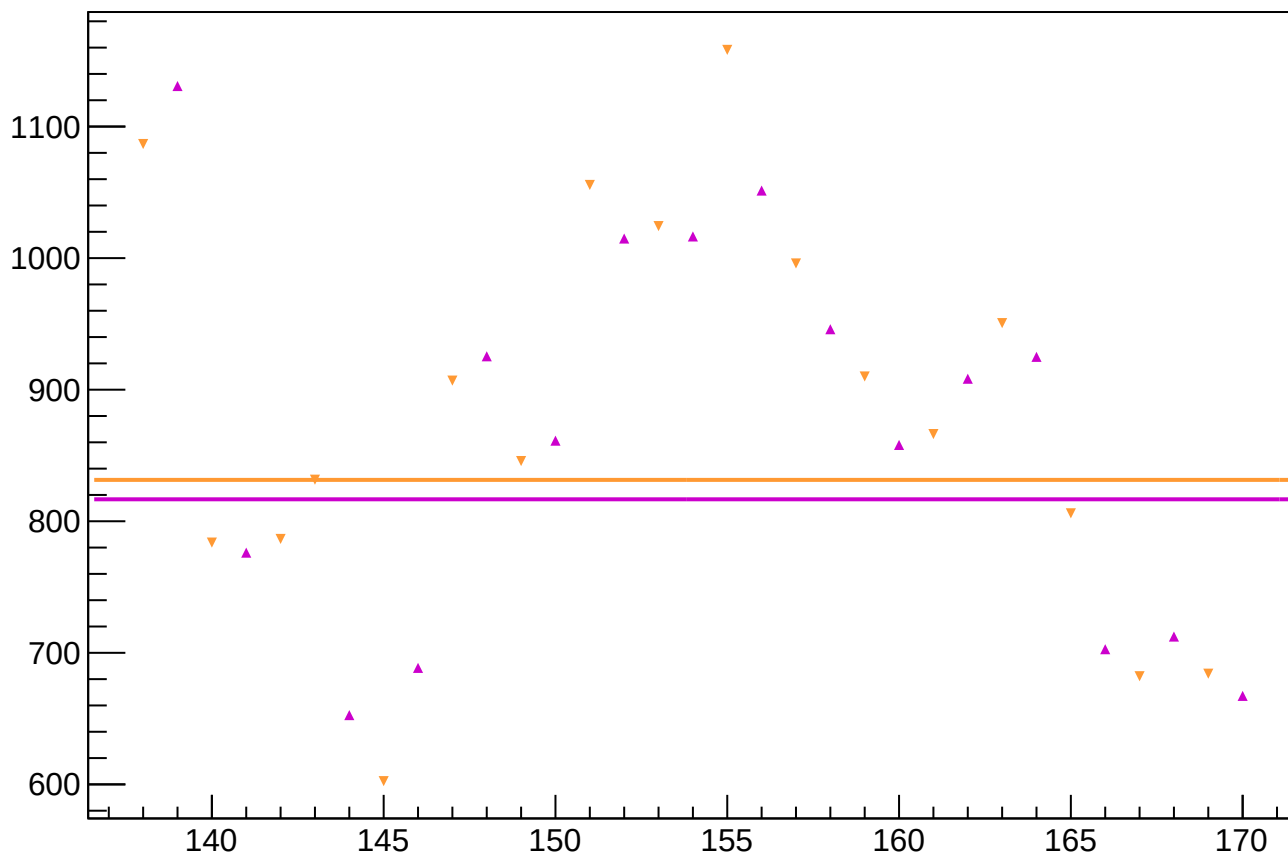
Left In: -120.558+/-234.224 χ^2/NDF : 14.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.099+/-166.722 χ^2/NDF : 71.7/32

- 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: 831.447+/-0.168 χ^2/NDF : 803164.8/16

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

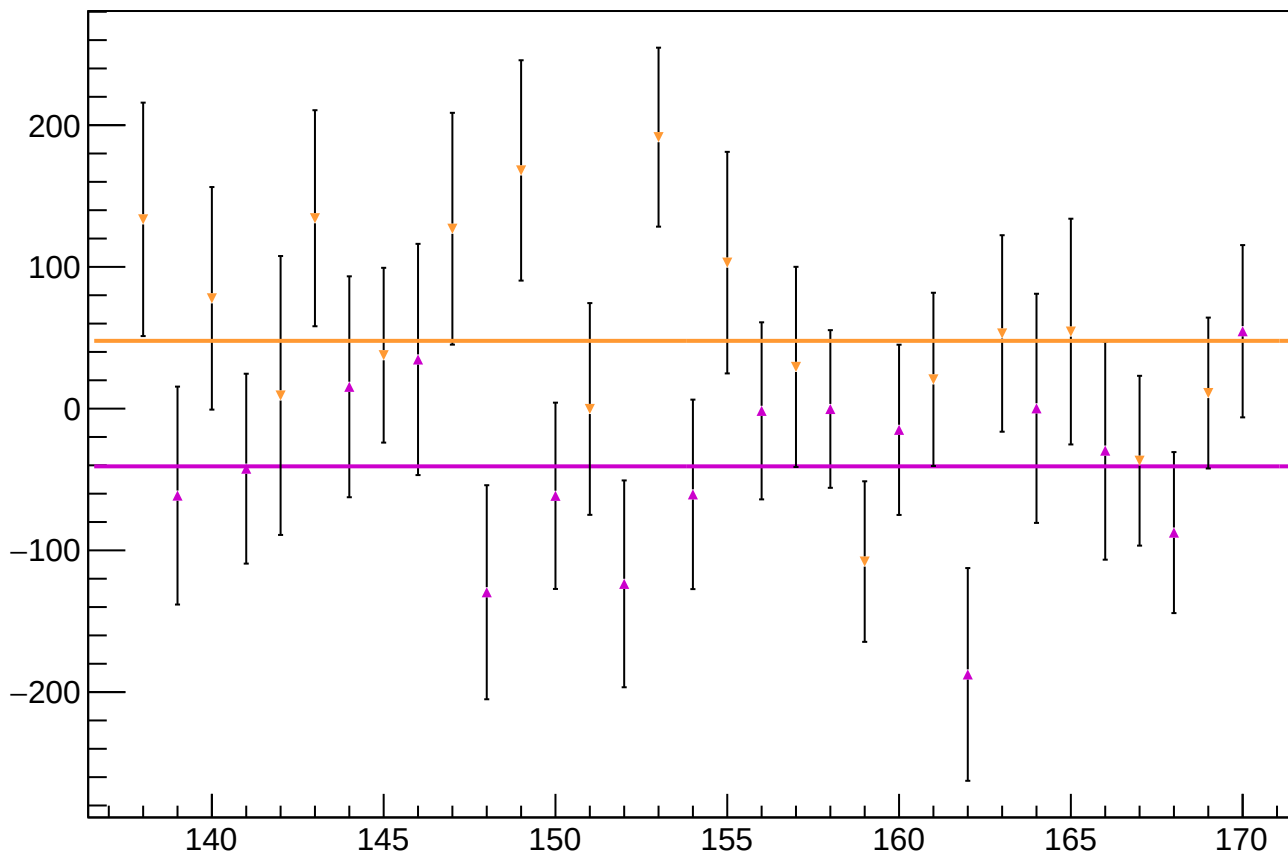
Left In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 823.967+/-0.118 χ^2/NDF : 1536678.8/32

- 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: 47.822+/-16.821 χ^2/NDF : 22.4/16

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

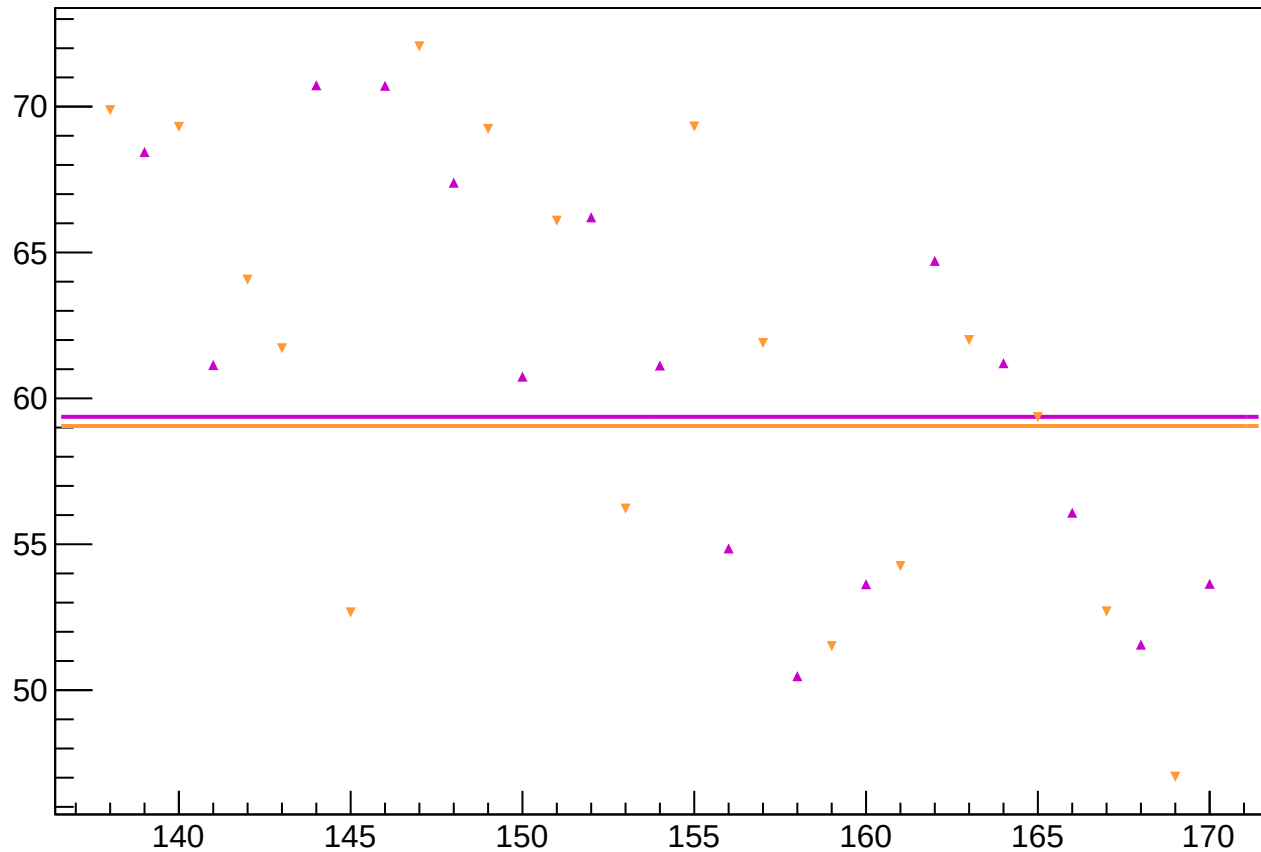
Left In: -40.721+/-16.994 χ^2/NDF : 12.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.004+/-11.955 χ^2/NDF : 48.8/32

- 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: 59.052+/-0.012 χ^2/NDF : 418132.0/16

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

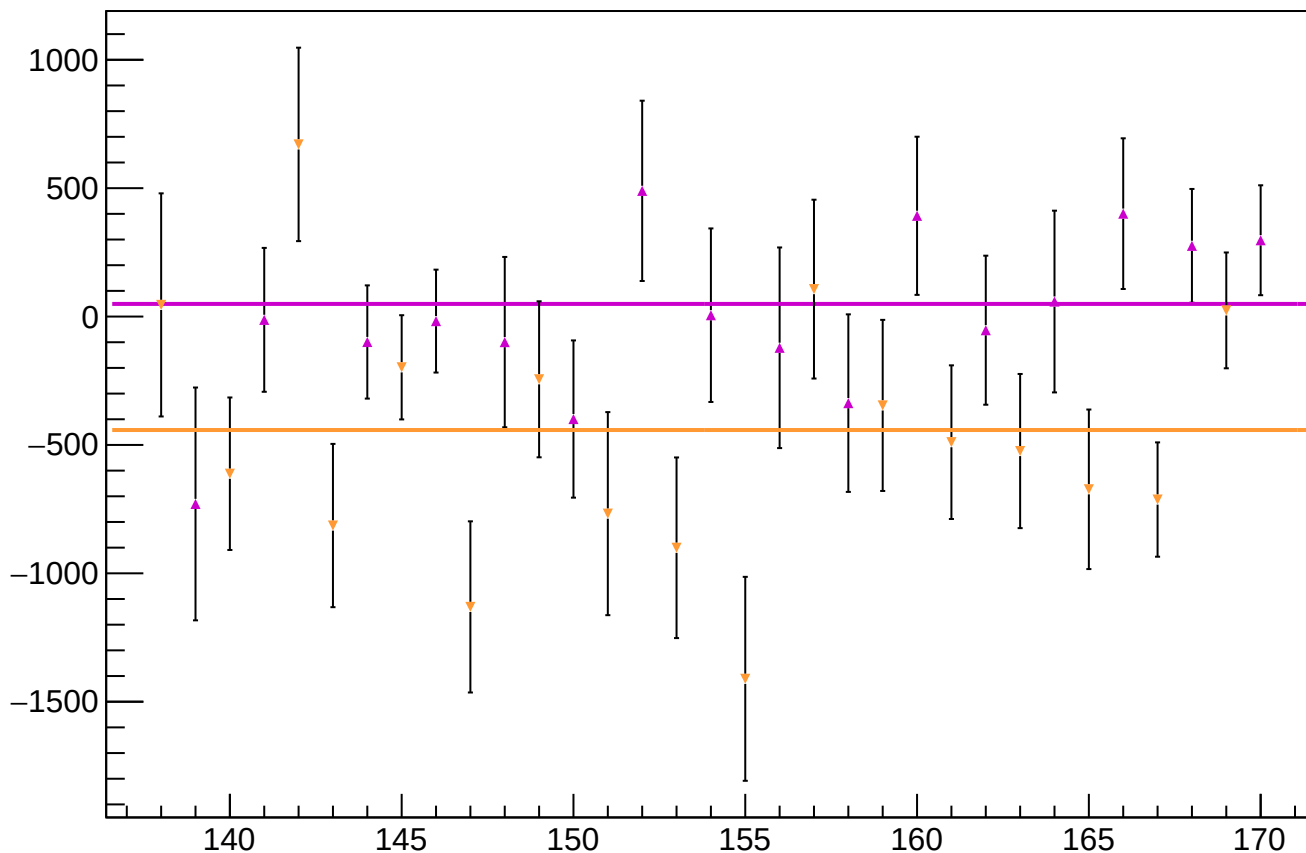
Left In: 59.368+/-0.012 χ^2/NDF : 303009.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.208+/-0.008 χ^2/NDF : 721490.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -441.883 $\pm$ 72.887 χ^2 /NDF:35.1/16

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

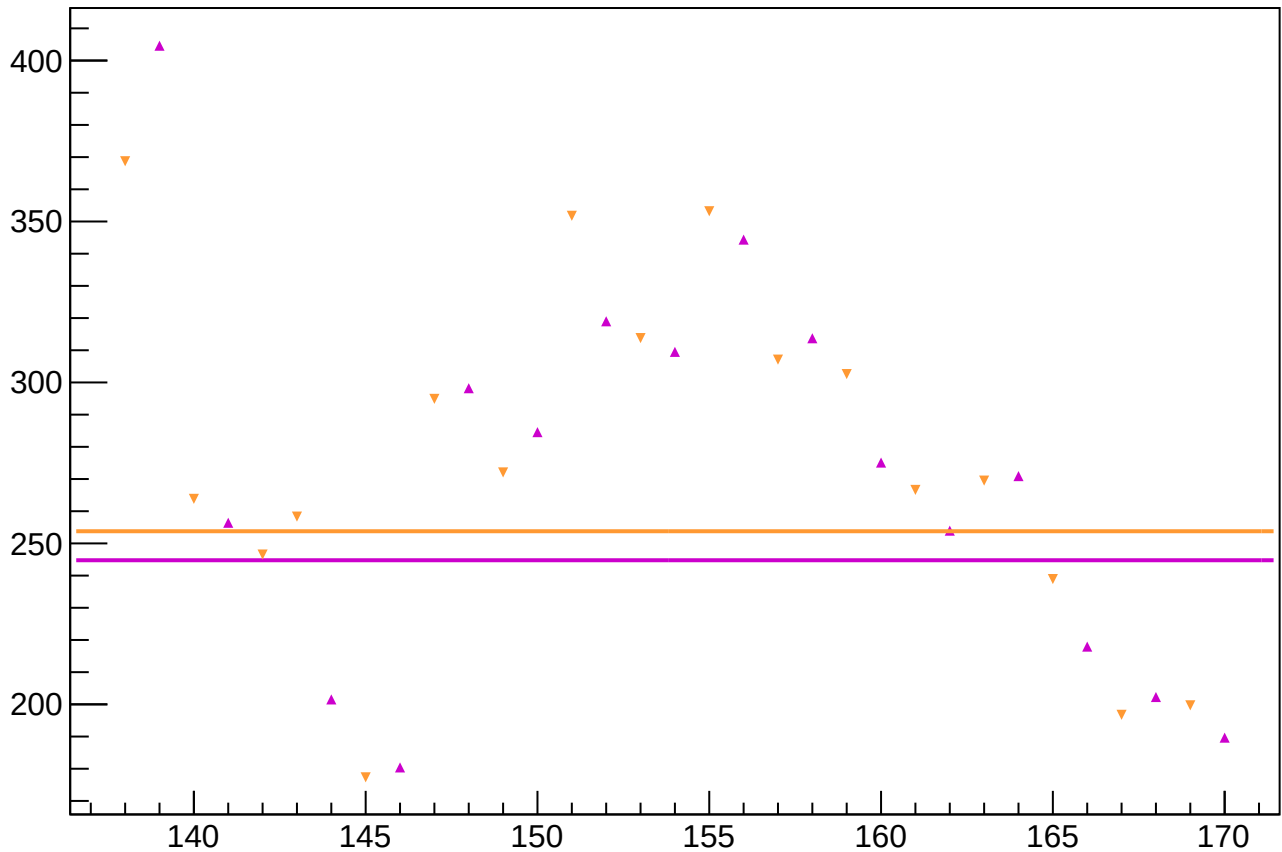
Left In: 49.203 $\pm$ 70.915 χ^2 /NDF:14.1/15

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

All: -189.605 $\pm$ 50.827 χ^2 /NDF: 72.6/32

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

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 253.778+/-0.052 χ^2/NDF :1121046.4/16

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

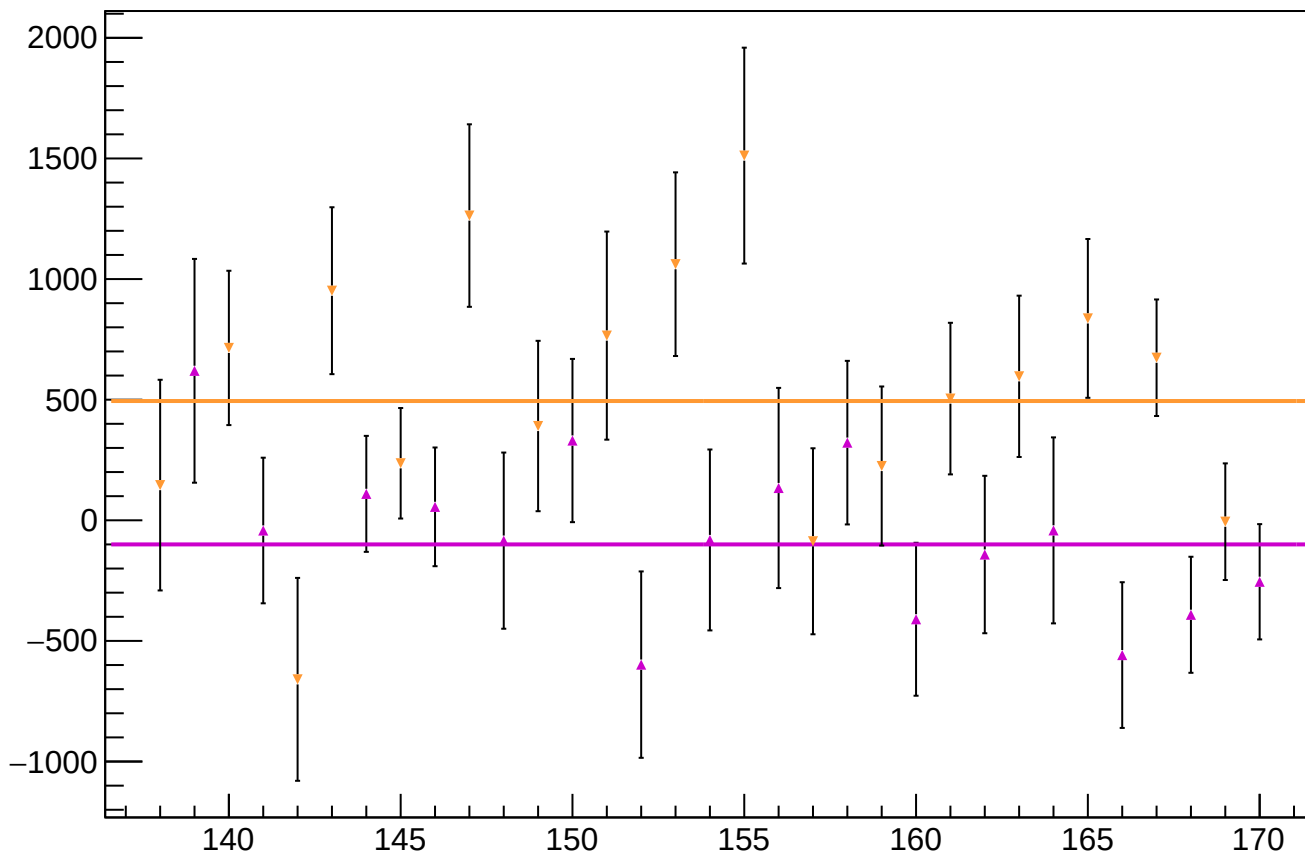
Left In: 244.768+/-0.050 χ^2/NDF :1248532.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.149+/-0.036 χ^2/NDF : 2385281.1/32

- 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: 494.445+/-79.349 χ^2/NDF : 32.6/16

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

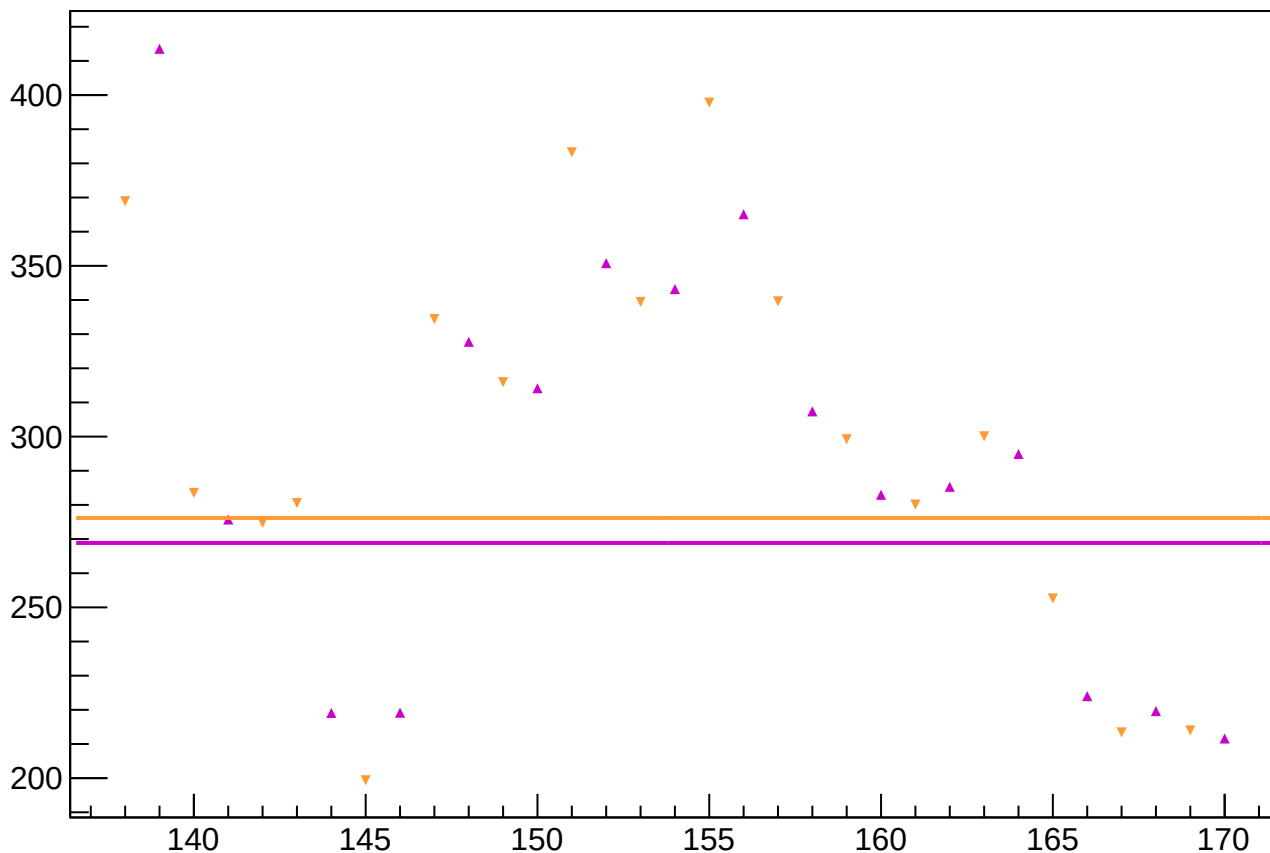
Left In: -99.957+/-77.657 χ^2/NDF : 14.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.839+/-55.500 χ^2/NDF : 75.2/32

- 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: 276.193+/-0.056 χ^2/NDF :1067384.4/16

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

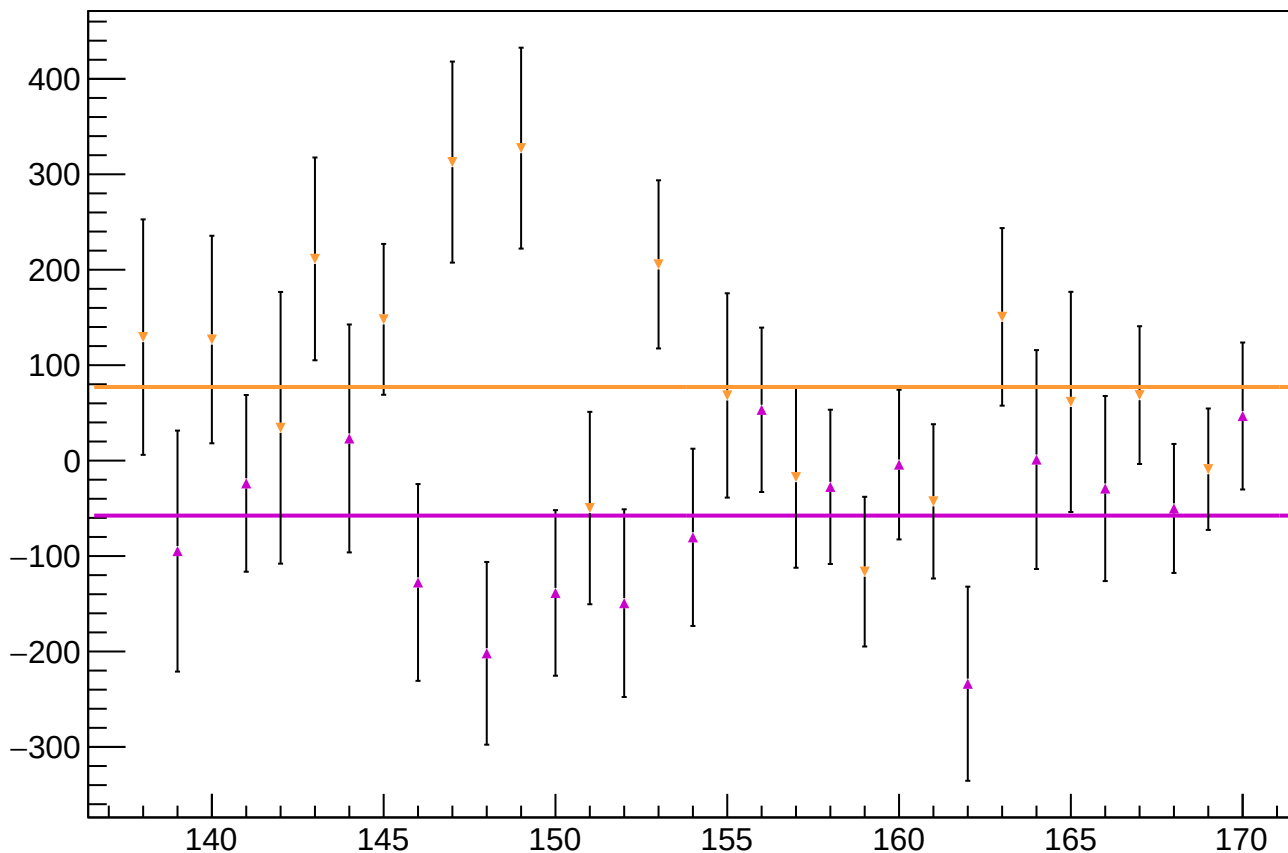
Left In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.450+/-0.039 χ^2/NDF : 2089630.6/32

- 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: 77.143+/-22.362 χ^2/NDF :29.0/16

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

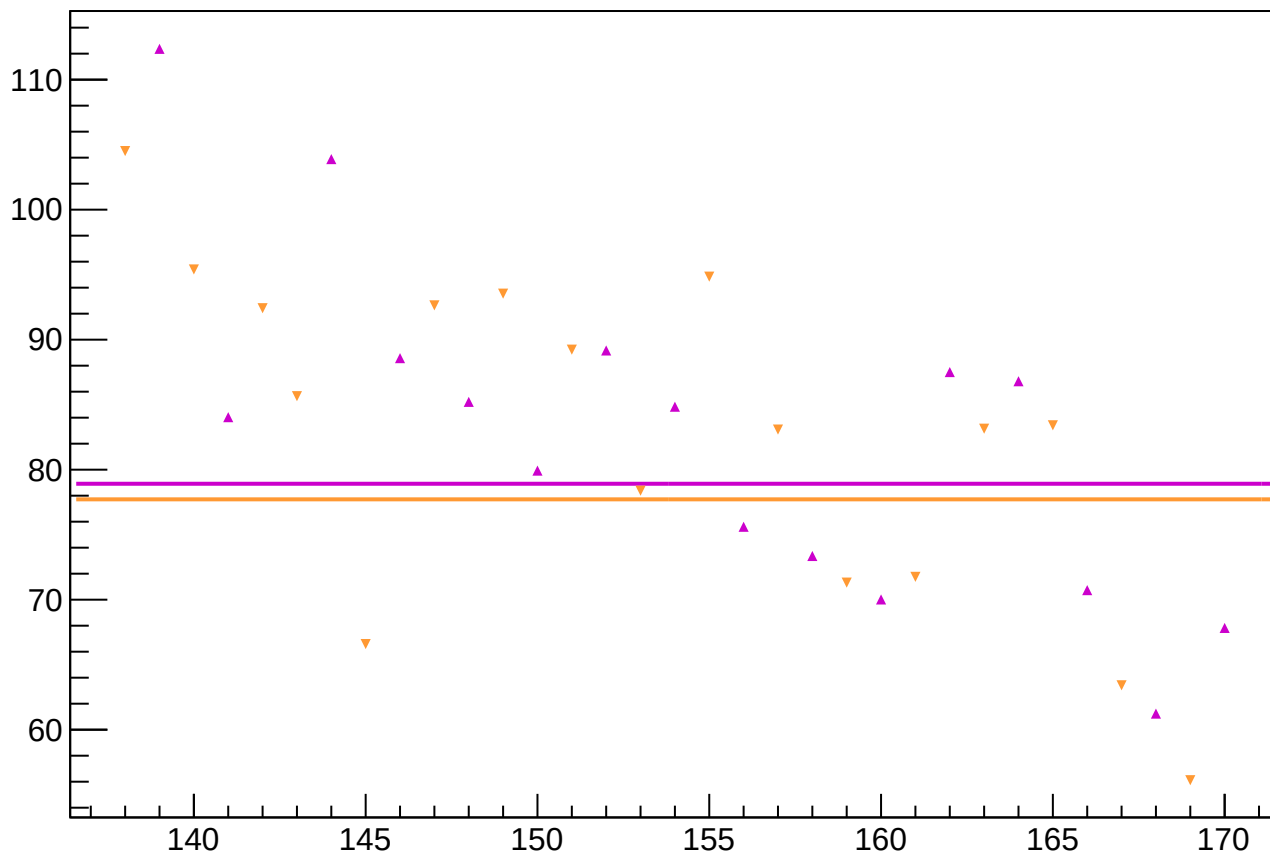
Left In: -57.618+/-22.808 χ^2/NDF :12.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.093+/-15.968 χ^2/NDF : 59.5/32

- 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: 77.718+/-0.016 χ^2/NDF : 733748.5/16

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

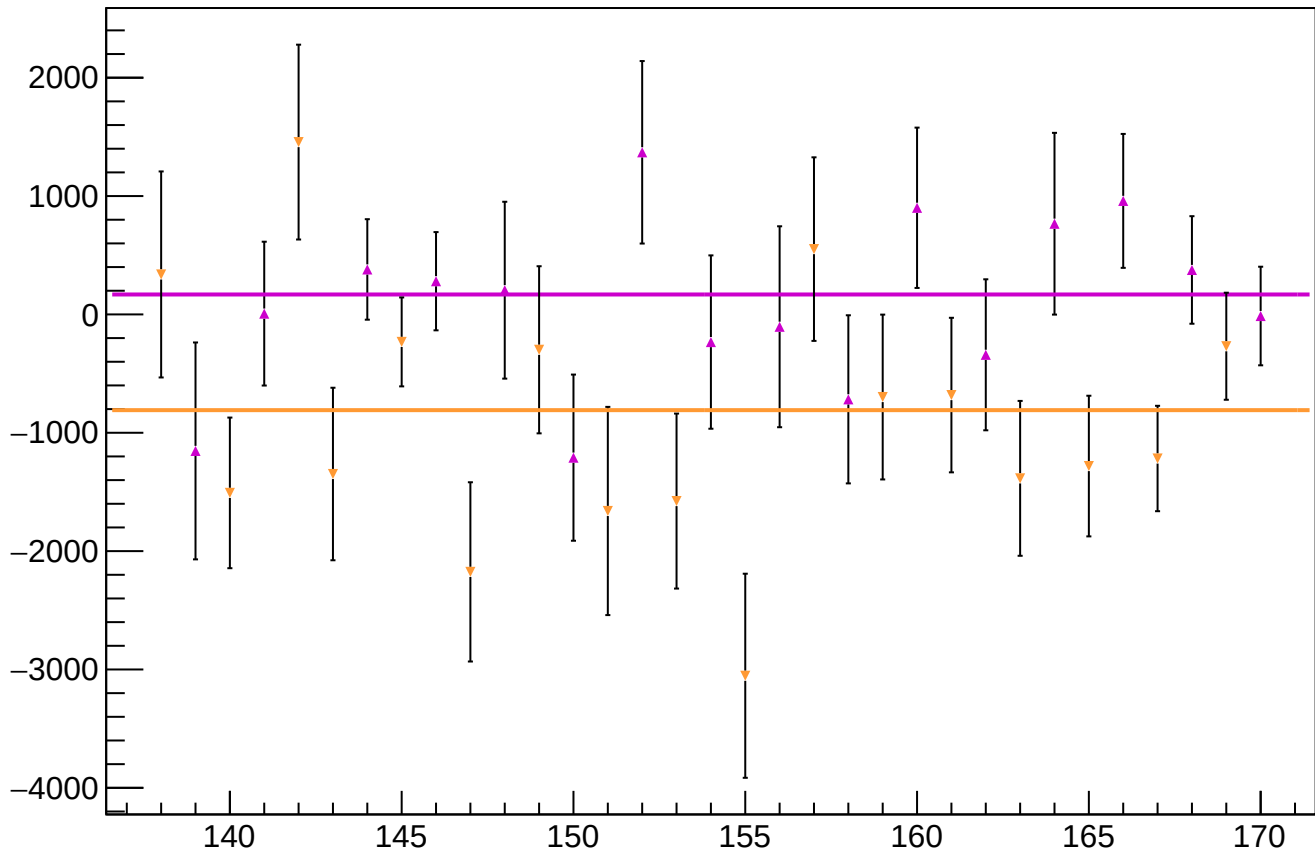
Left In: 78.917+/-0.016 χ^2/NDF : 544872.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.306+/-0.011 χ^2/NDF : 1281437.7/32

- 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: -808.874+/-151.406 χ^2/NDF : 32.8/16

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

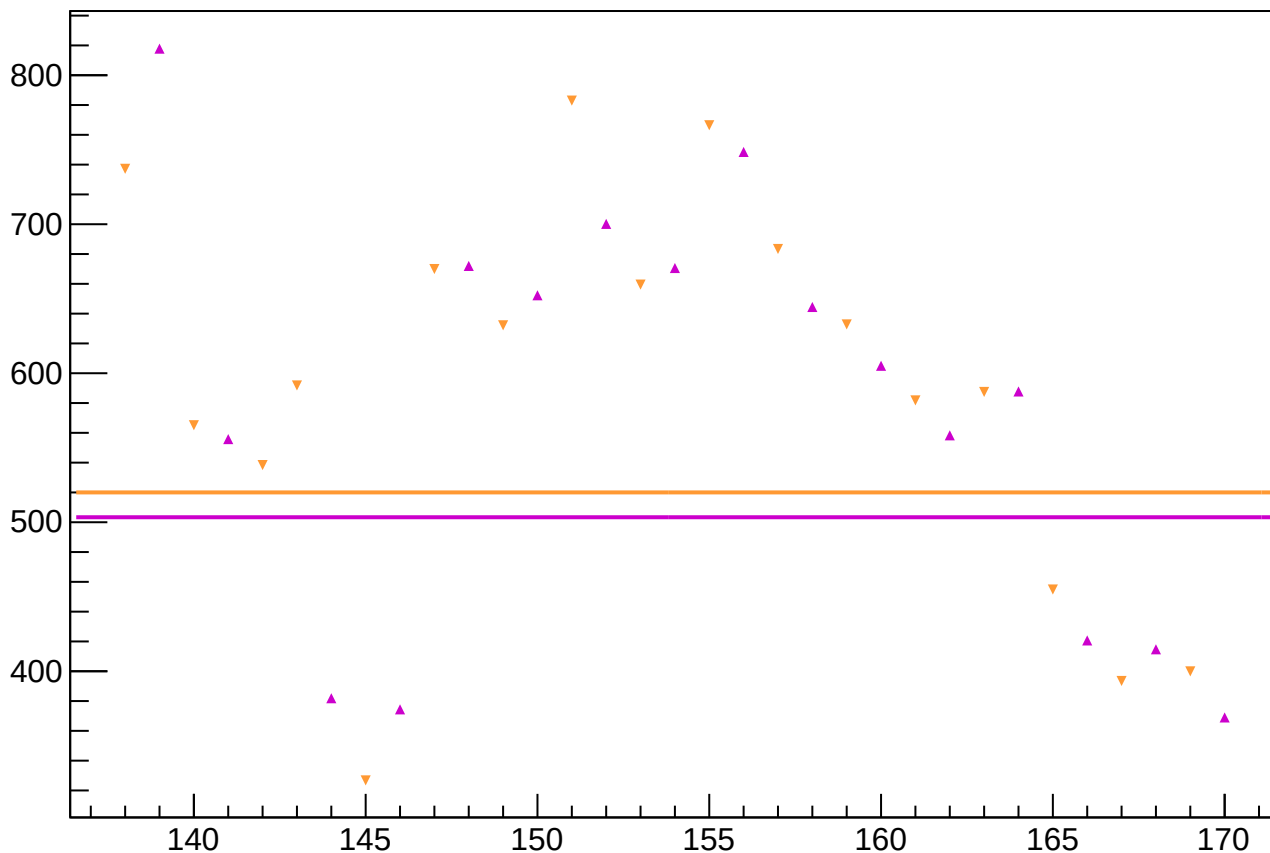
Left In: 168.428+/-147.356 χ^2/NDF : 15.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.975+/-105.599 χ^2/NDF : 69.7/32

- 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: 520.021+/-0.107 χ^2/NDF :1733416.5/16

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

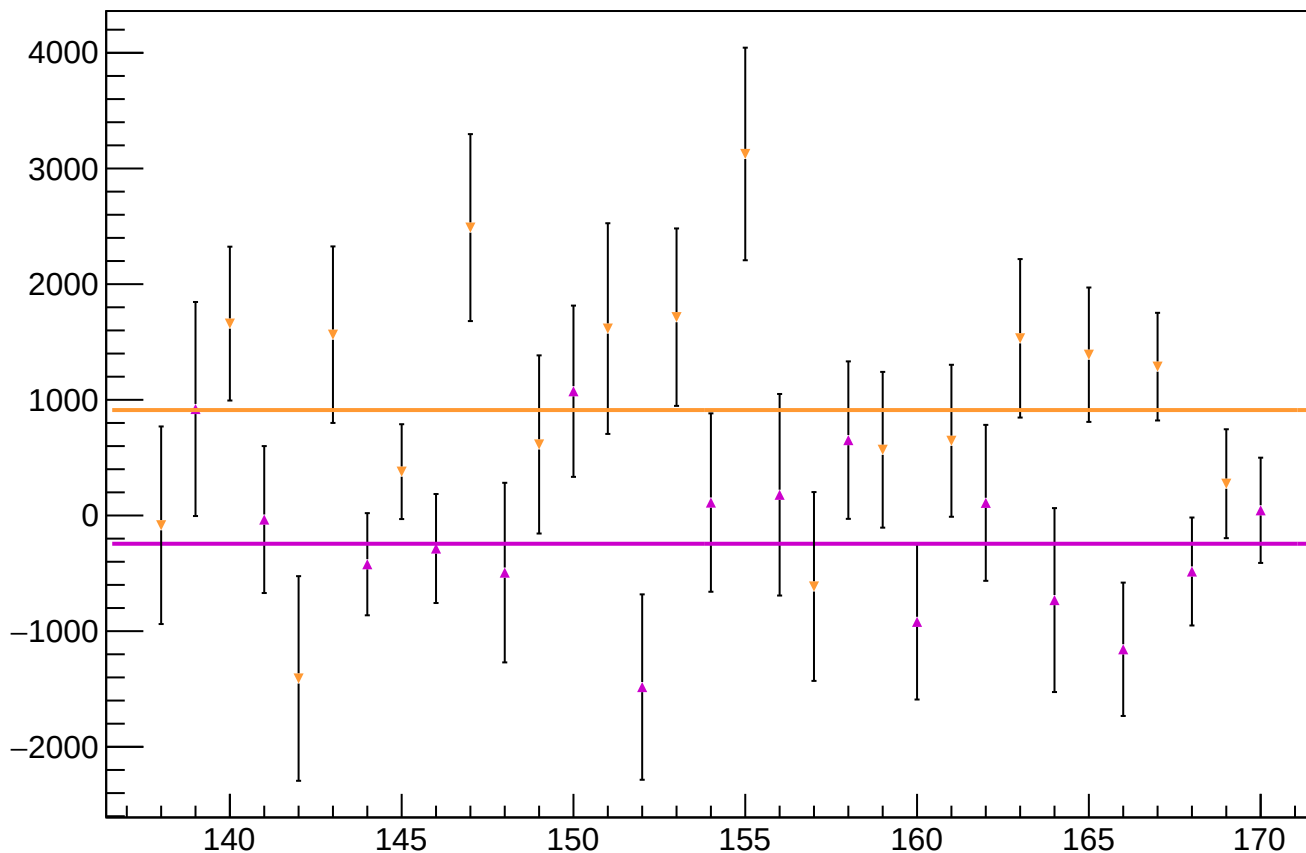
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.461+/-0.075 χ^2/NDF : 3436410.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 503.352+/-0.104 χ^2/NDF :1690544.8/15

asym_sam_3726_avg_mean vs Slug



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

Left Out: 911.500+/-157.863 χ^2/NDF : 31.3/16

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

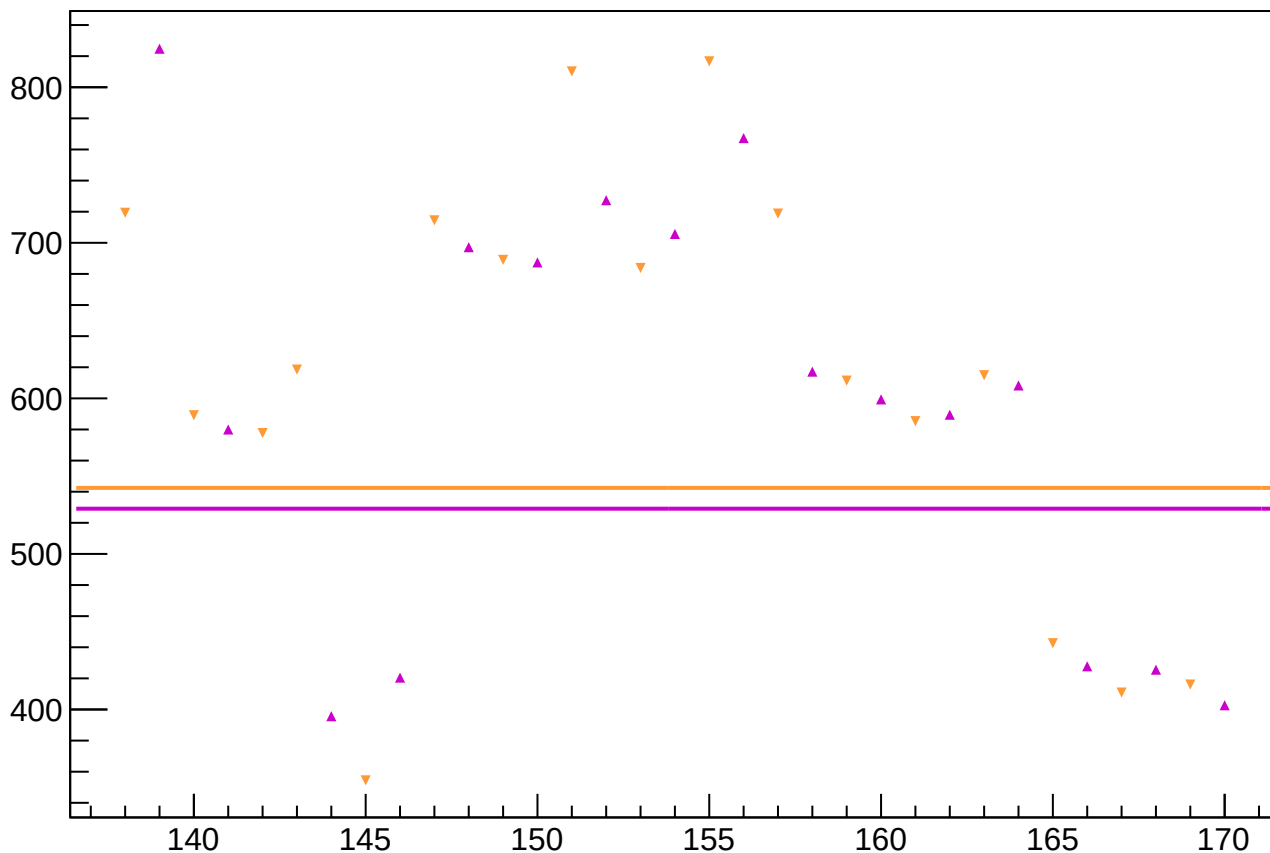
Left In: -244.337+/-154.479 χ^2/NDF : 14.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.061+/-110.410 χ^2/NDF : 73.2/32

- 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: 542.457+/-0.112 χ^2/NDF :1629434.0/16

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

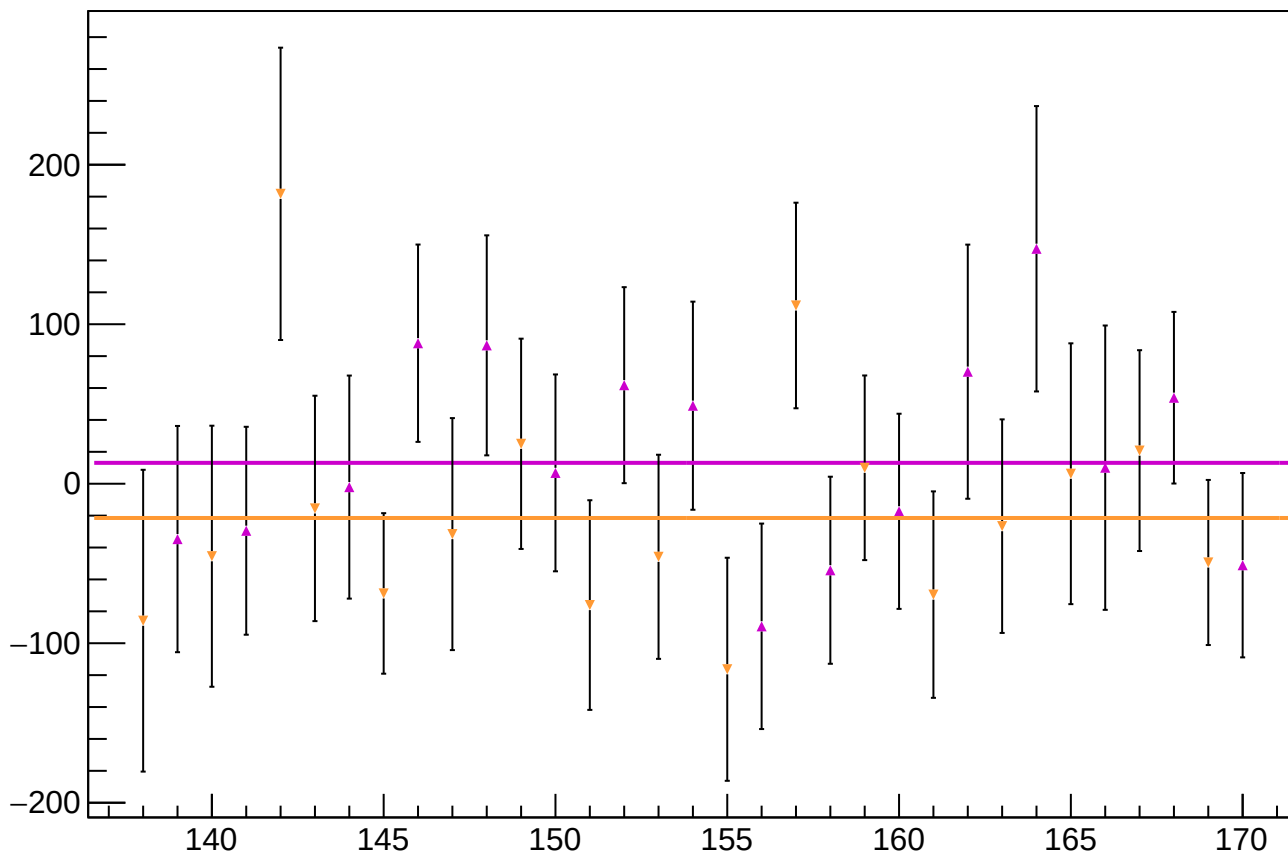
Left In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.621+/-0.078 χ^2/NDF : 3110407.1/32

- 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: -21.476+/-16.114 χ^2/NDF : 15.5/16

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

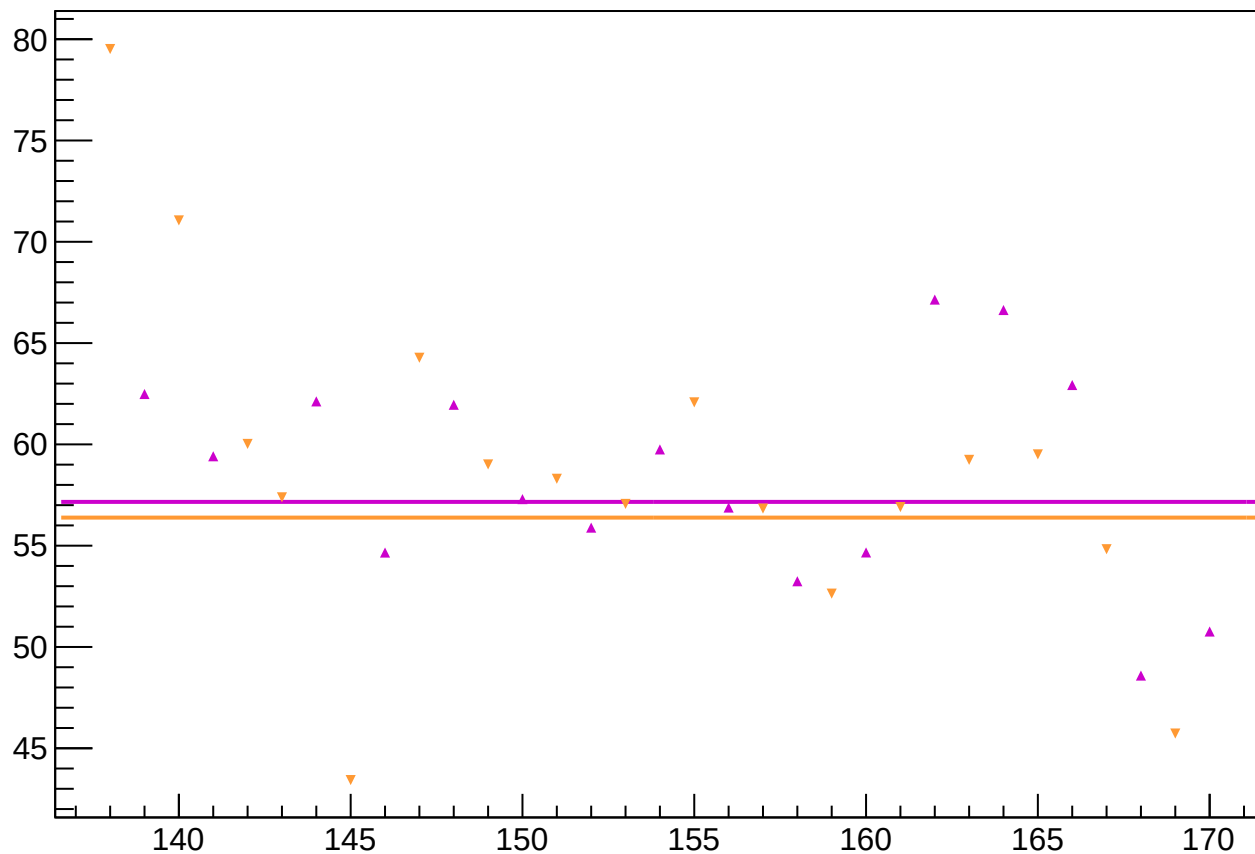
Left In: 13.094+/-16.385 χ^2/NDF : 13.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.479+/-11.489 χ^2/NDF : 30.9/32

- 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: 56.386+/-0.011 χ^2/NDF : 463036.6/16

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

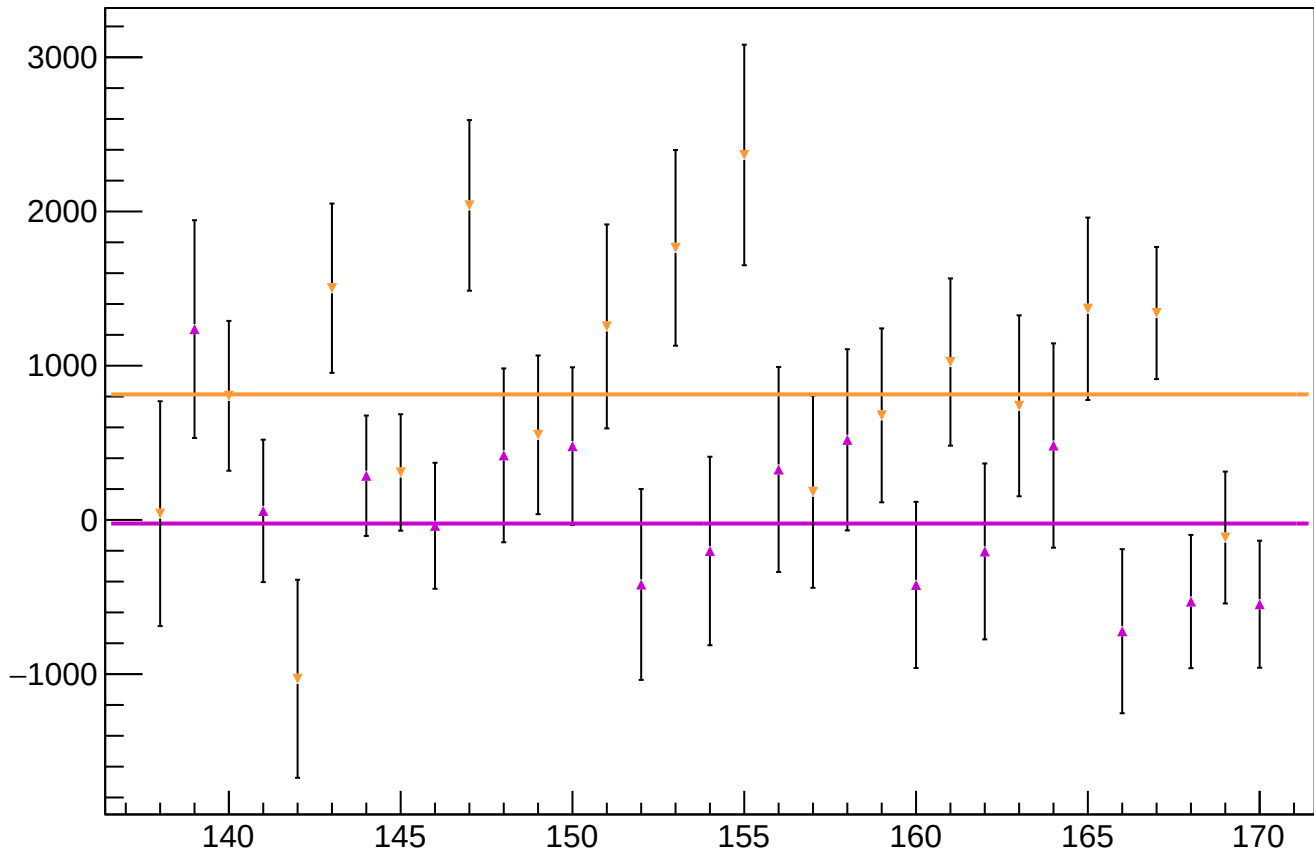
Left In: 57.161+/-0.012 χ^2/NDF : 190487.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.767+/-0.008 χ^2/NDF : 655800.4/32

- 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: 814.046+/-130.800 χ^2/NDF : 33.7/16

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

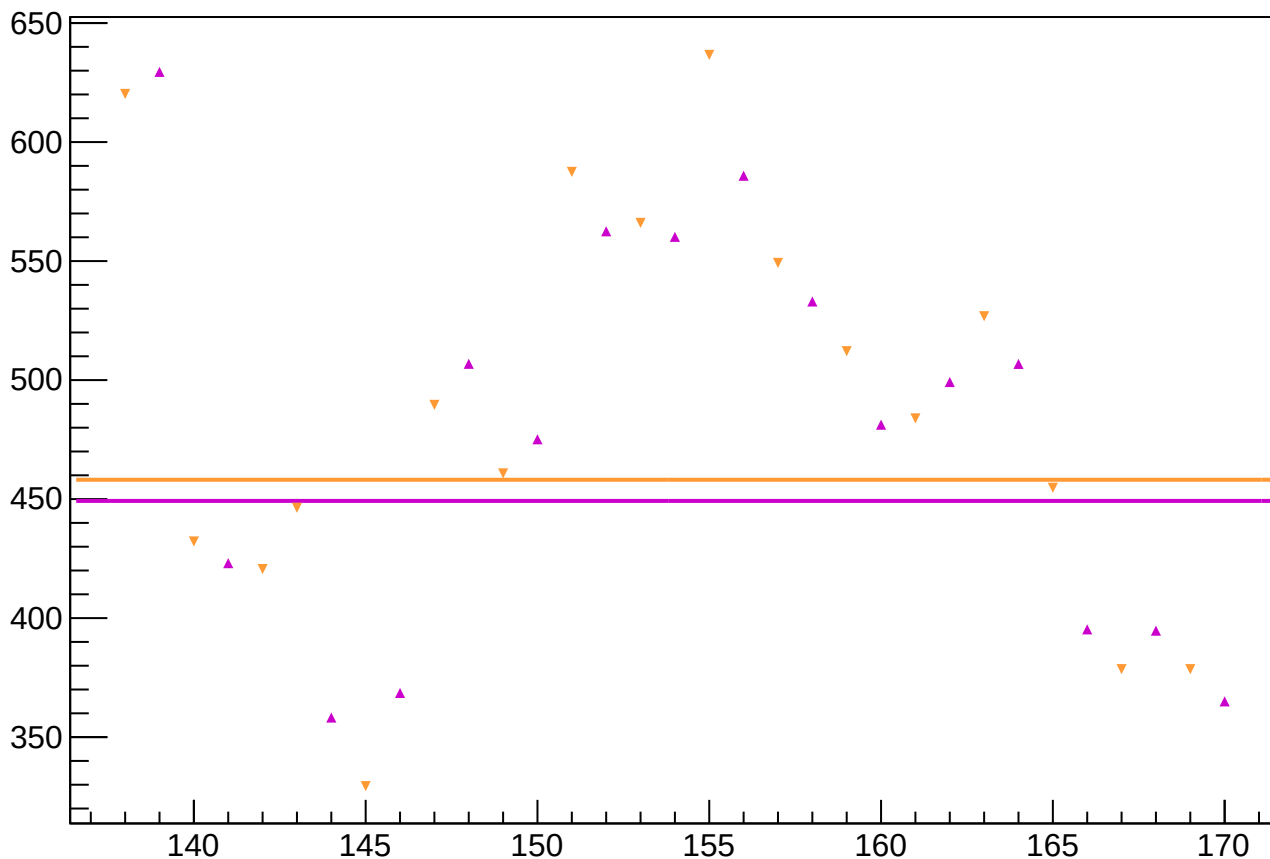
Left In: -23.590+/-128.839 χ^2/NDF : 13.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.899+/-91.788 χ^2/NDF : 67.5/32

- 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: 458.139+/-0.092 χ^2/NDF : 841789.5/16

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

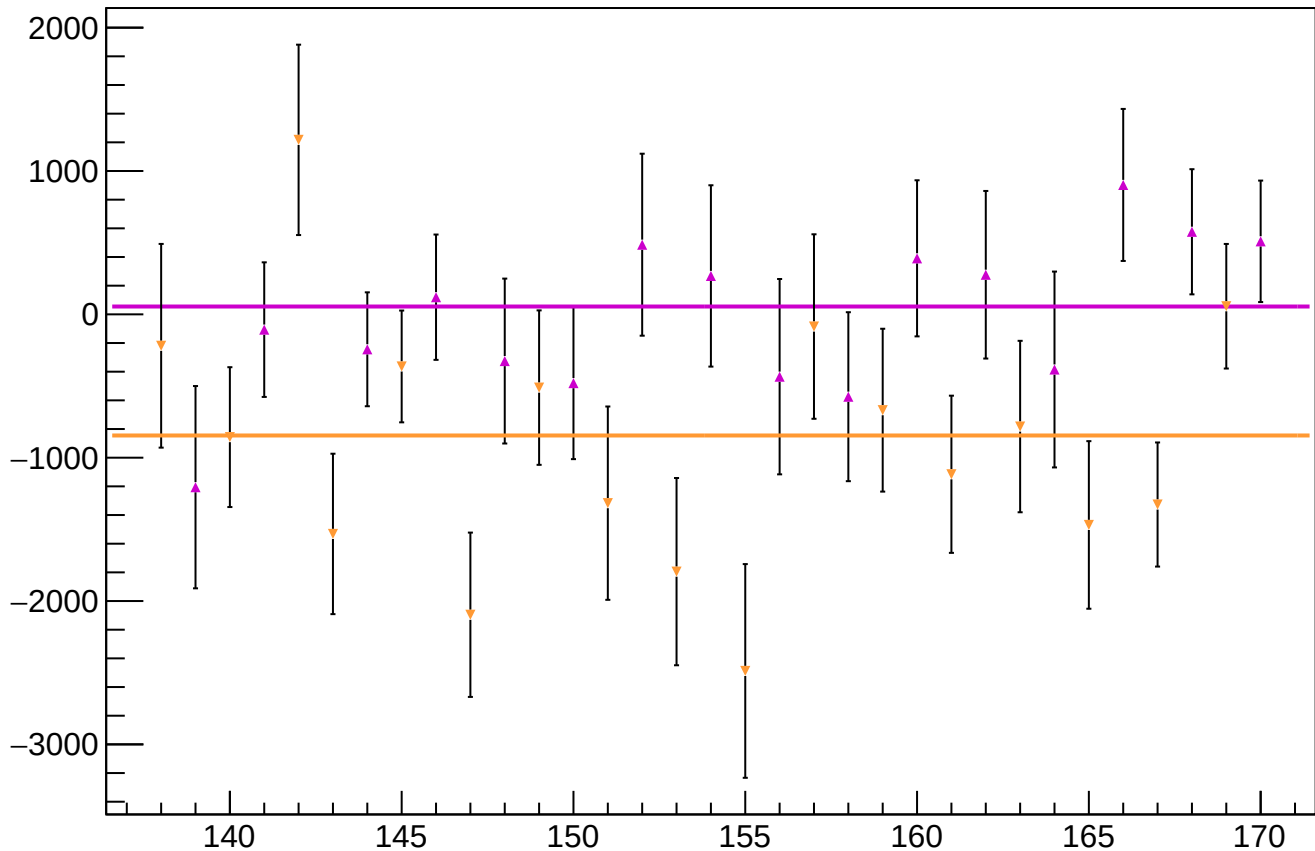
Left In: 449.240+/-0.091 χ^2/NDF : 781019.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.622+/-0.065 χ^2/NDF : 1627507.2/32

- 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: -845.081+/-133.335 χ^2/NDF : 34.5/16

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

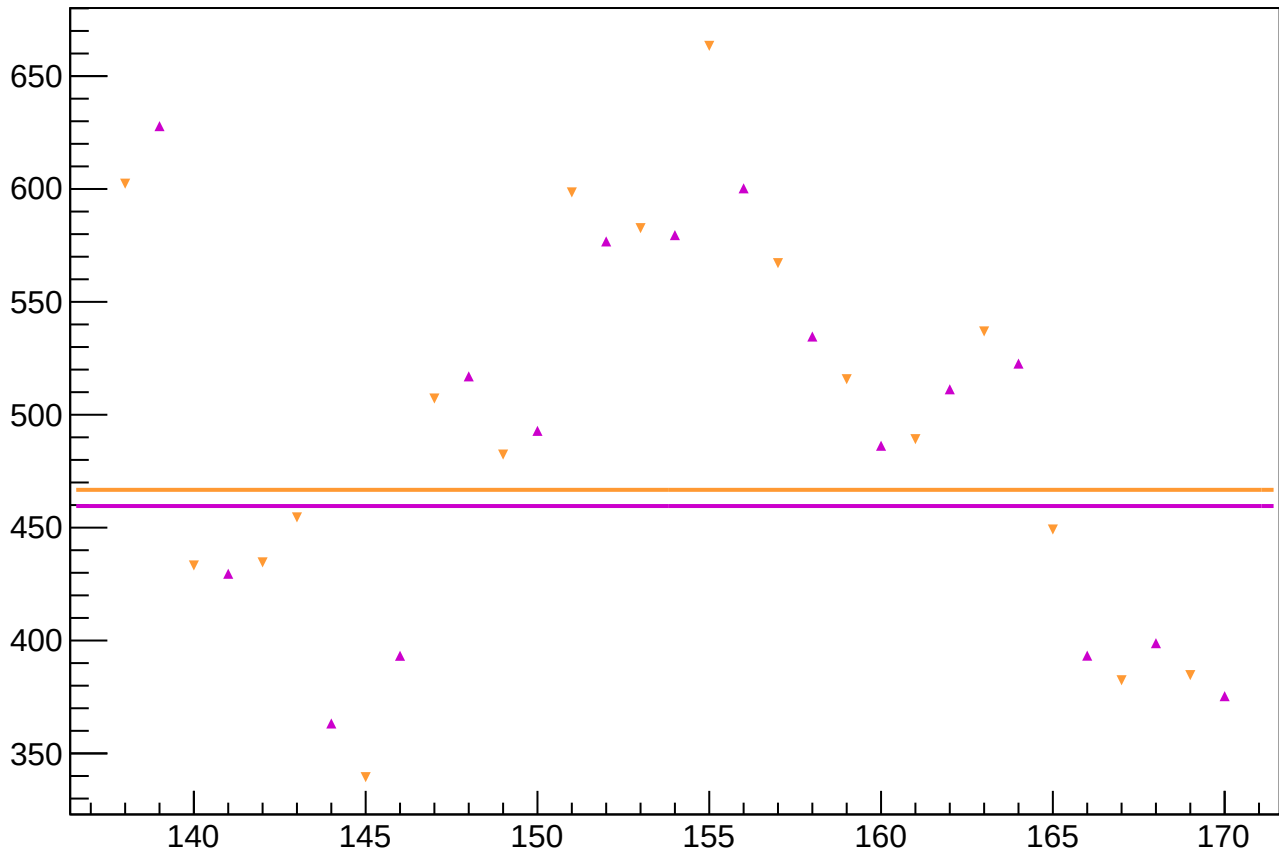
Left In: 54.654+/-131.855 χ^2/NDF : 13.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.191+/-93.754 χ^2/NDF : 71.2/32

- 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: 466.744+/-0.094 χ^2/NDF : 834619.3/16

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

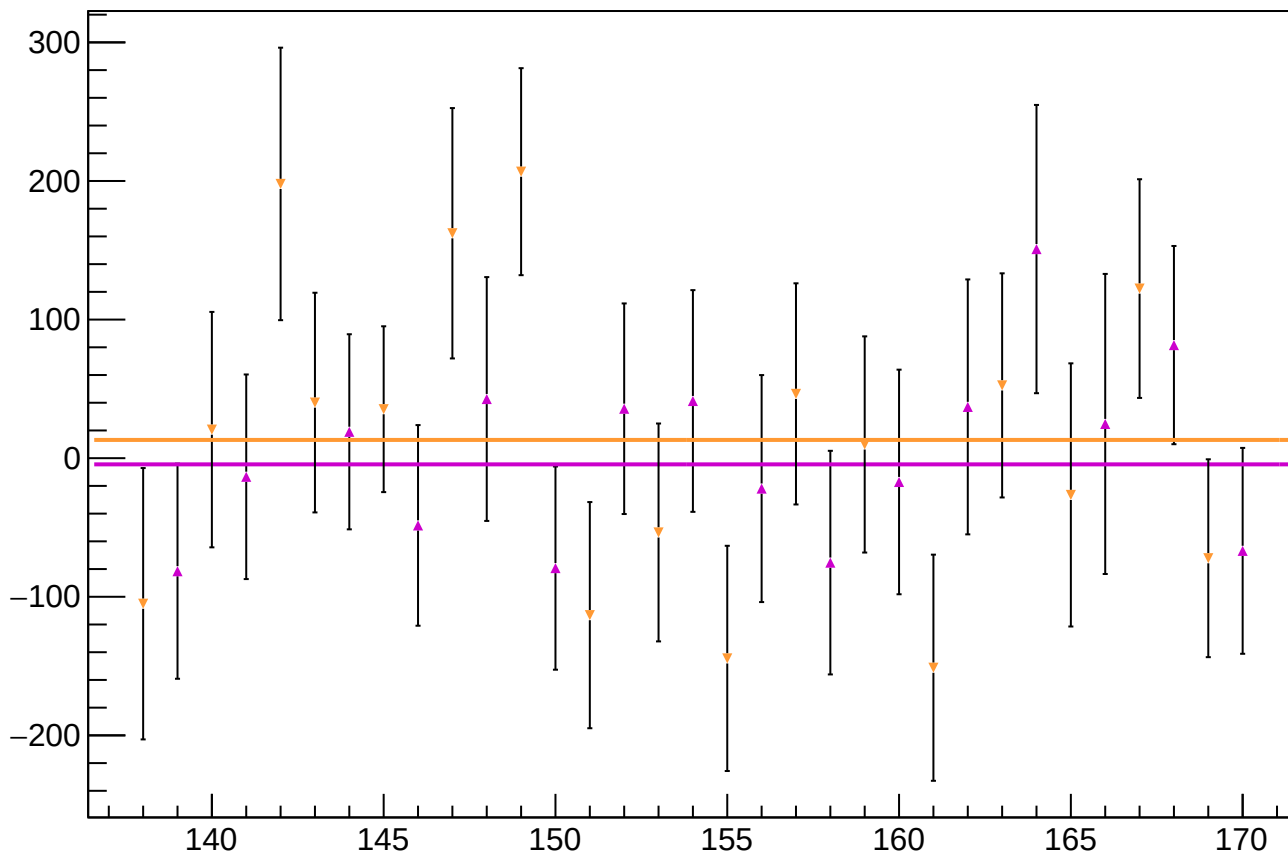
Left In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.117+/-0.066 χ^2/NDF : 1595222.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 13.171 $\pm$ 19.451 χ^2 /NDF:29.6/16

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

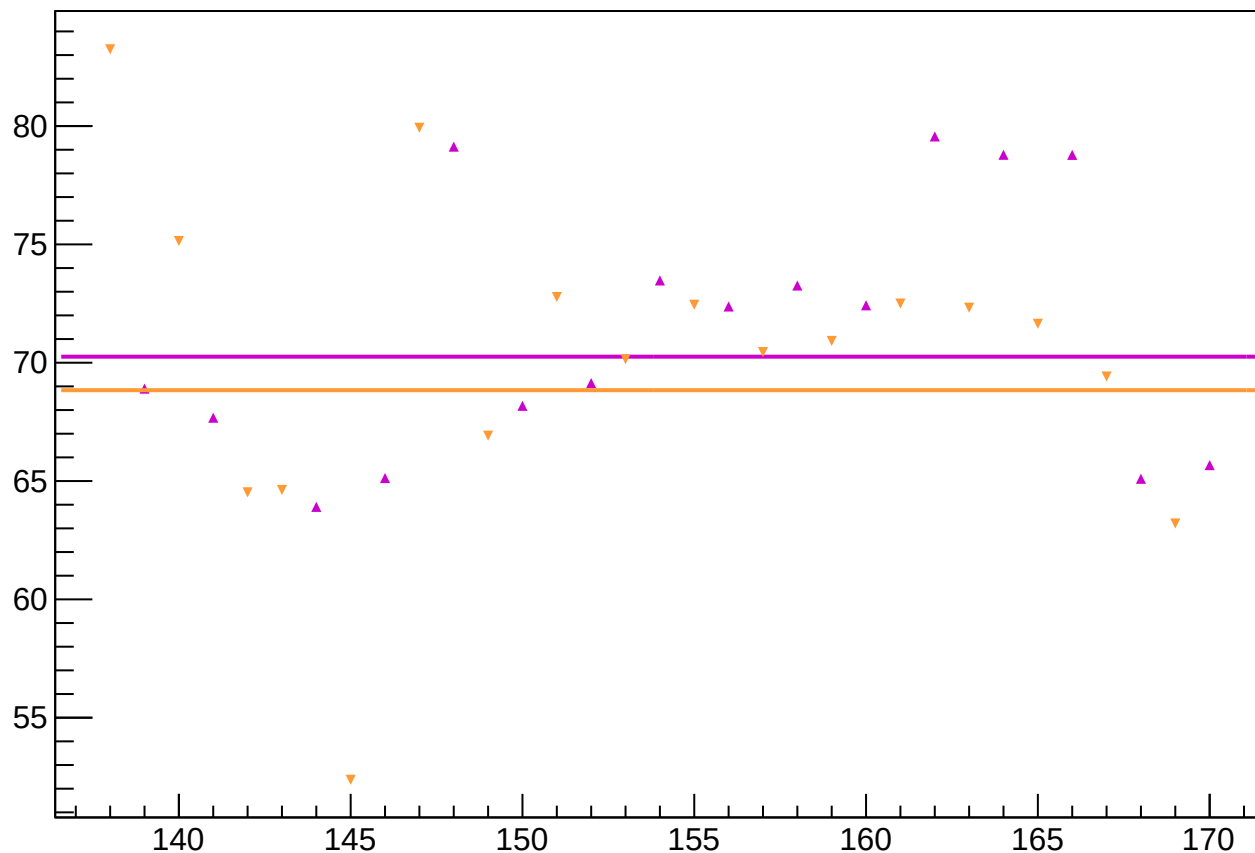
Left In: -4.460 $\pm$ 19.940 χ^2 /NDF:8.9/15

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

All: 4.574 $\pm$ 13.924 χ^2 /NDF: 38.9/32

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

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 68.839+/-0.014 χ^2/NDF : 280236.4/16

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

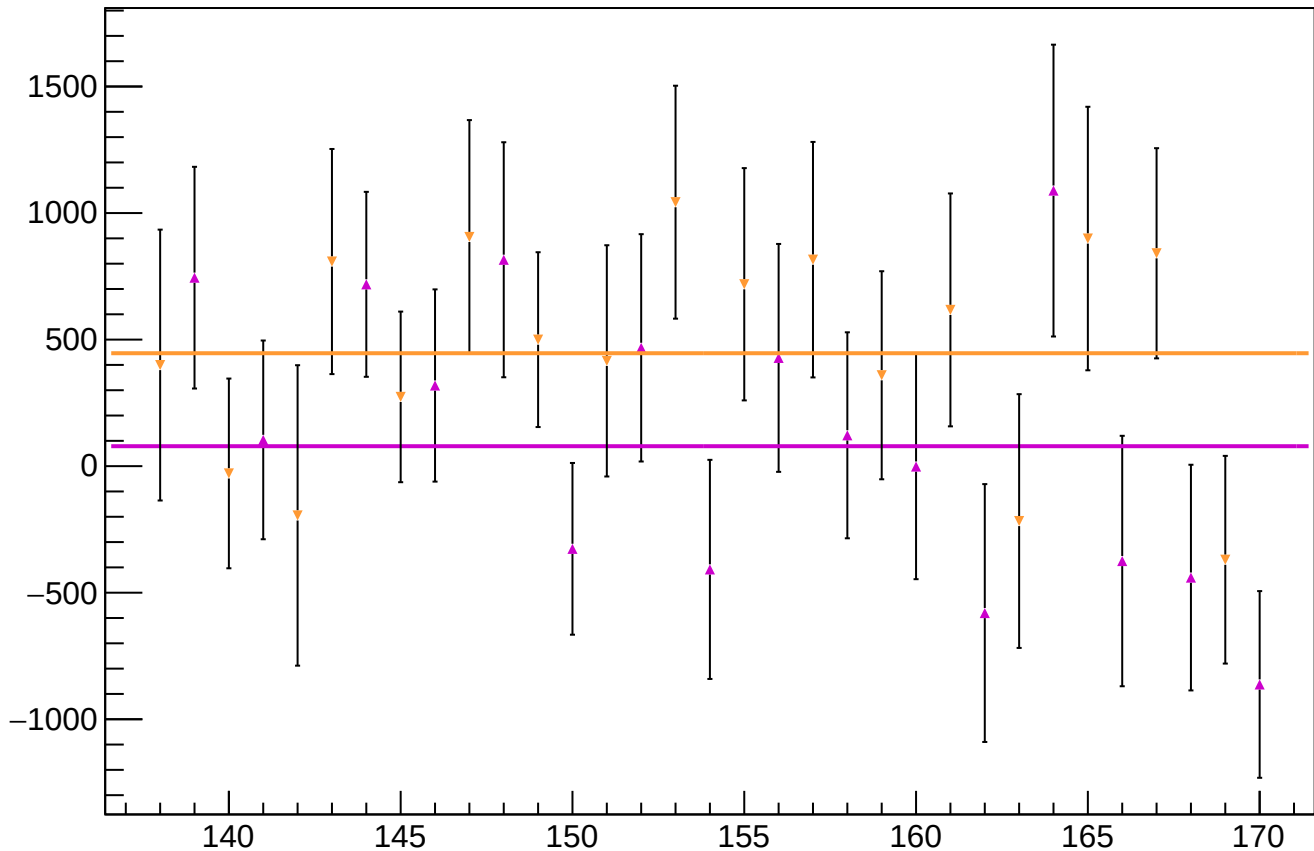
Left In: 70.256+/-0.014 χ^2/NDF : 124916.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.530+/-0.010 χ^2/NDF : 410323.9/32

- 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: 446.183+/-105.815 χ^2/NDF :14.9/16

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

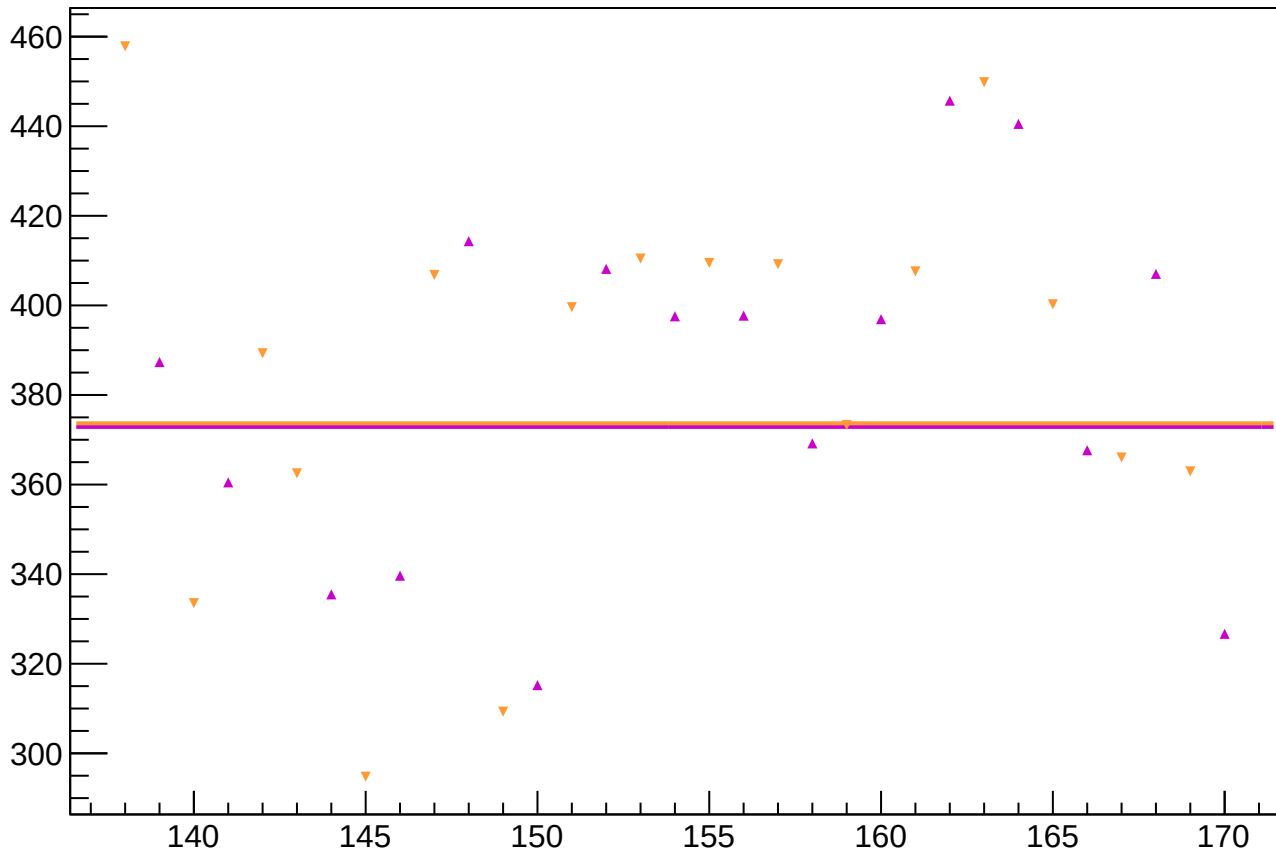
Left In: 78.818+/-105.944 χ^2/NDF :25.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.724+/-74.868 χ^2/NDF : 46.8/32

- 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: 373.676+/-0.075 χ^2/NDF : 371736.6/16

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

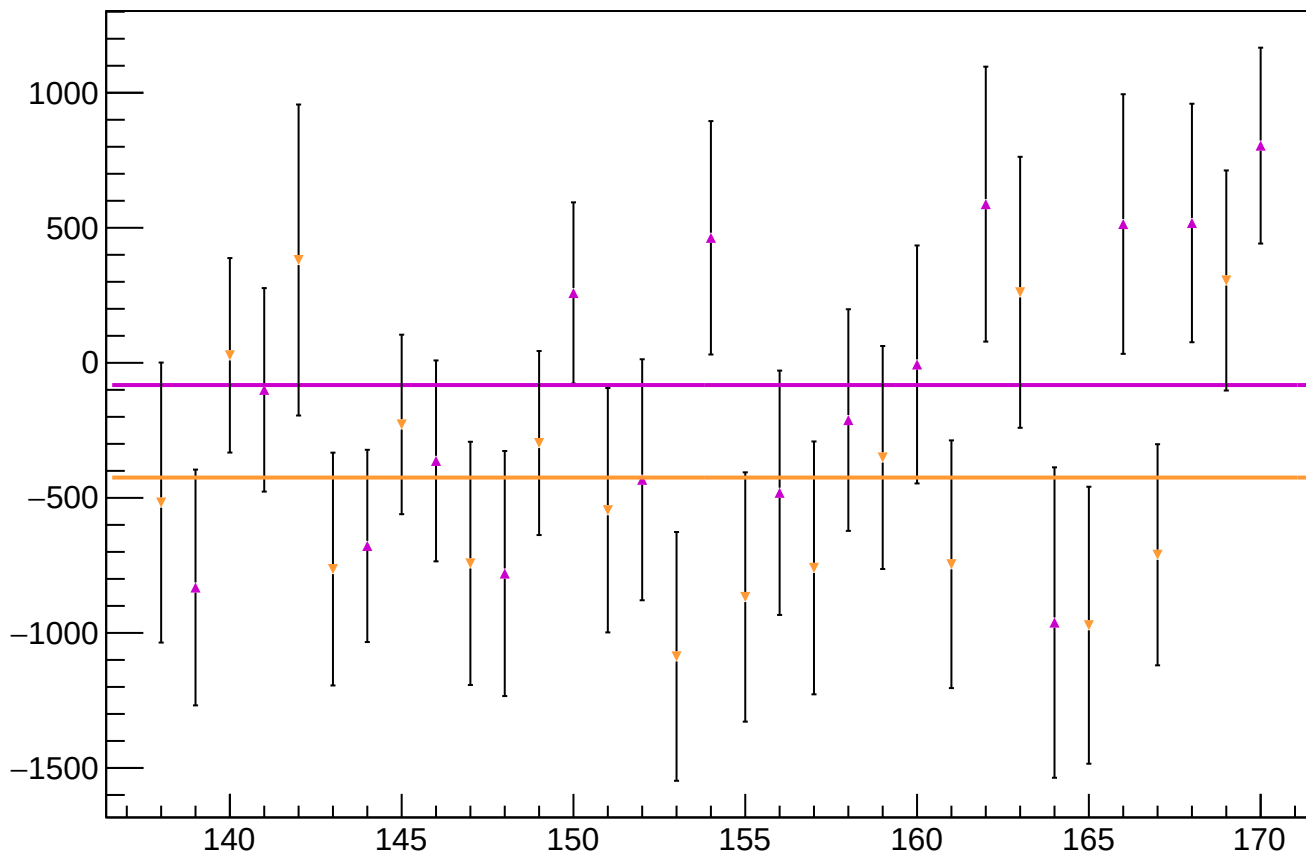
Left In: 372.875+/-0.075 χ^2/NDF : 256815.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.276+/-0.053 χ^2/NDF : 628609.3/32

- 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: -424.784+/-104.437 χ^2/NDF : 16.0/16

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

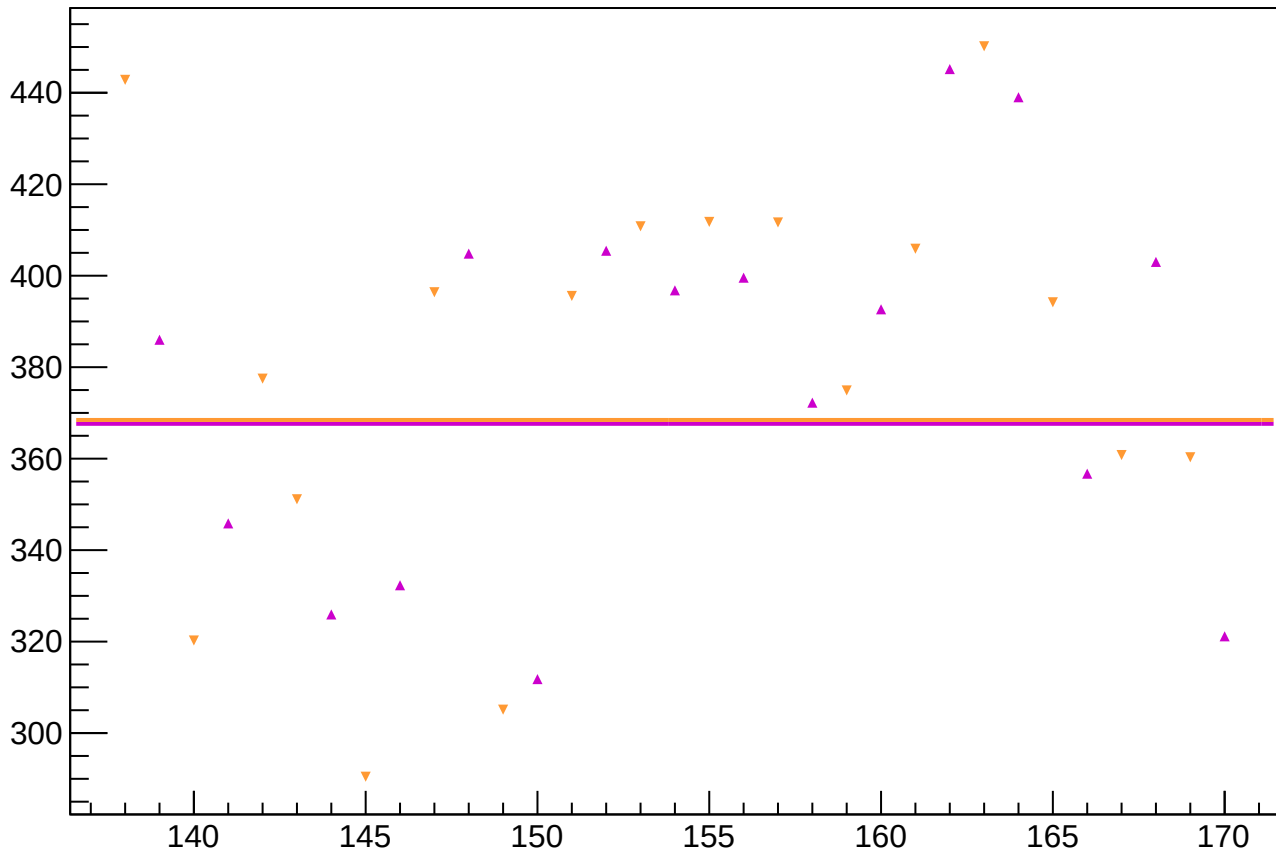
Left In: -82.249+/-104.569 χ^2/NDF : 26.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.734+/-73.895 χ^2/NDF : 47.6/32

- 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: 368.461+/-0.074 χ^2/NDF : 399850.9/16

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

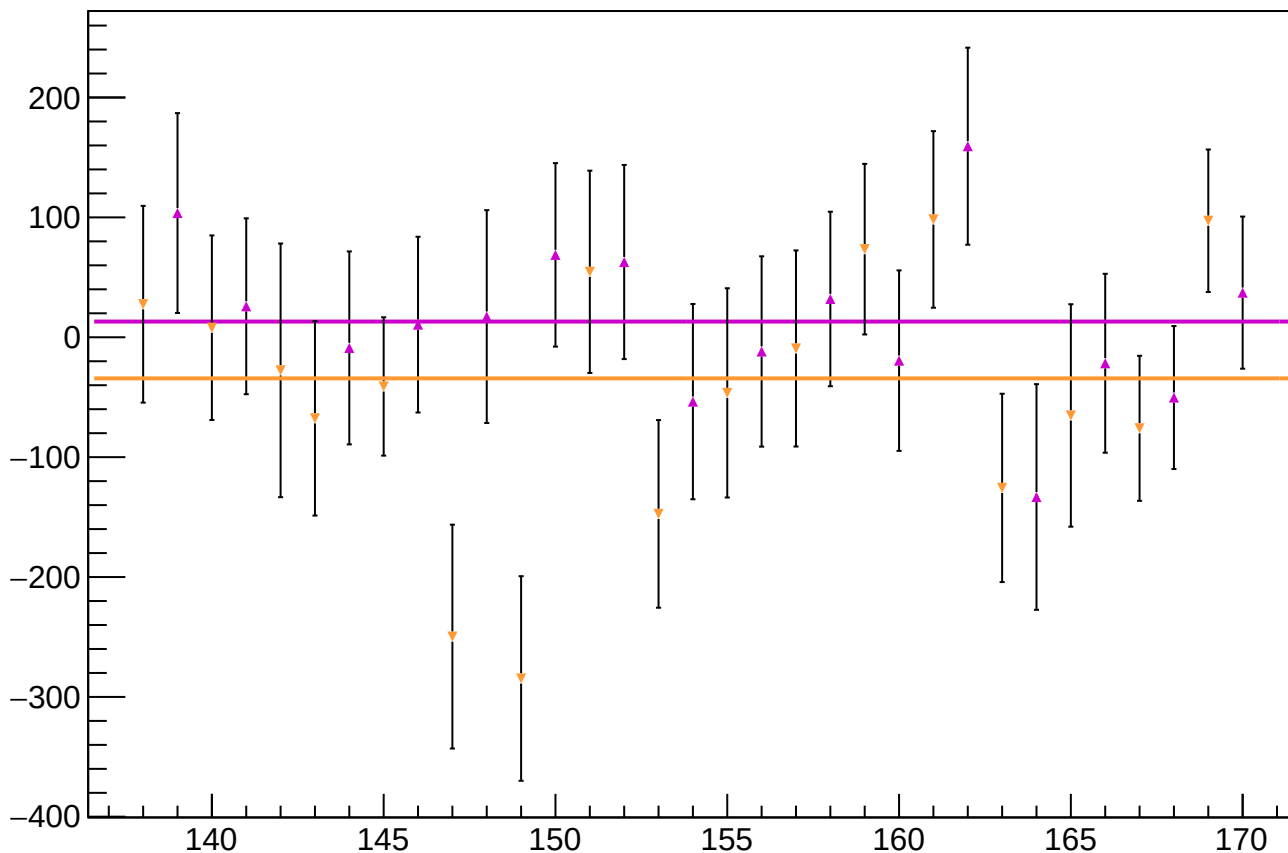
Left In: 367.618+/-0.074 χ^2/NDF : 288622.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.040+/-0.052 χ^2/NDF : 688538.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -34.274 $\pm$ 18.531 χ^2 /NDF:30.7/16

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

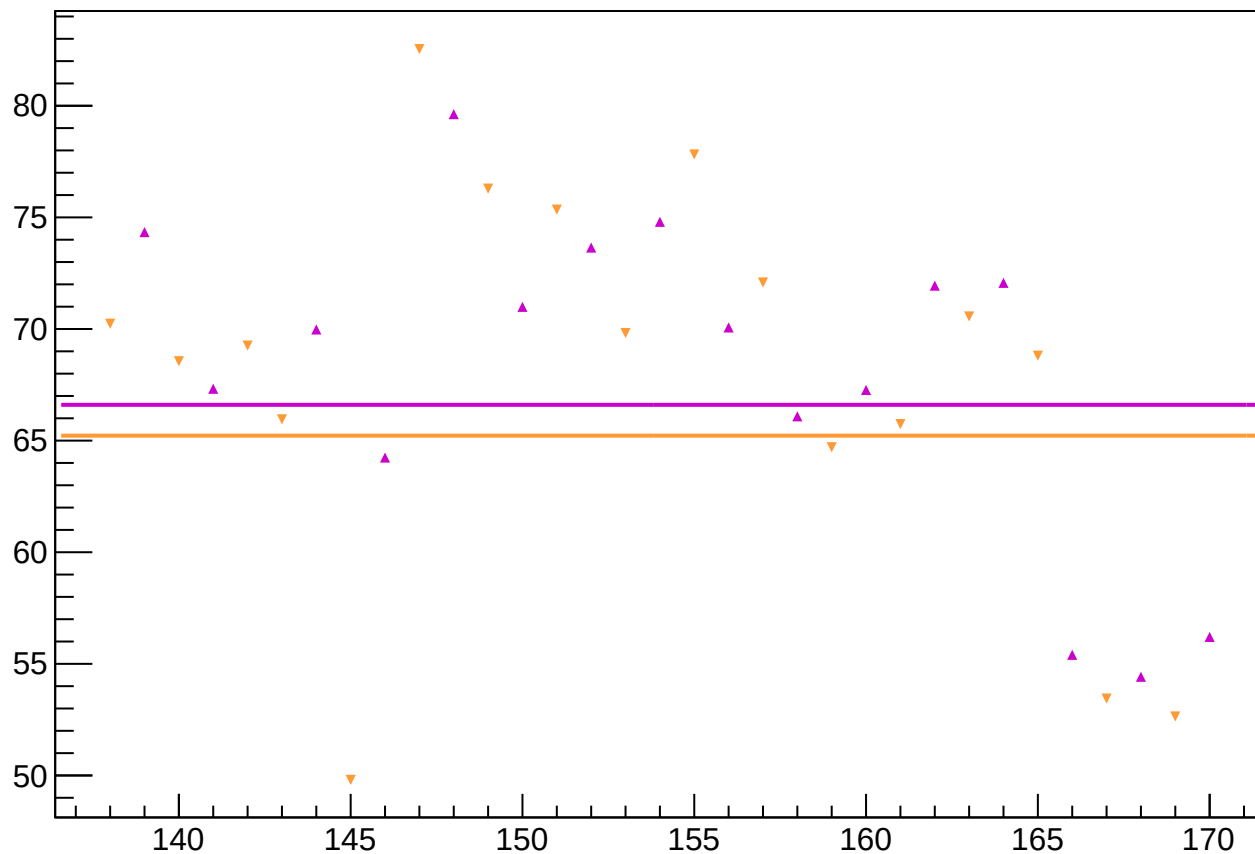
Left In: 13.100 $\pm$ 19.016 χ^2 /NDF:10.3/15

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

All: -11.199 $\pm$ 13.271 χ^2 /NDF: 44.1/32

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

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 65.223+/-0.013 χ^2/NDF : 528827.4/16

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

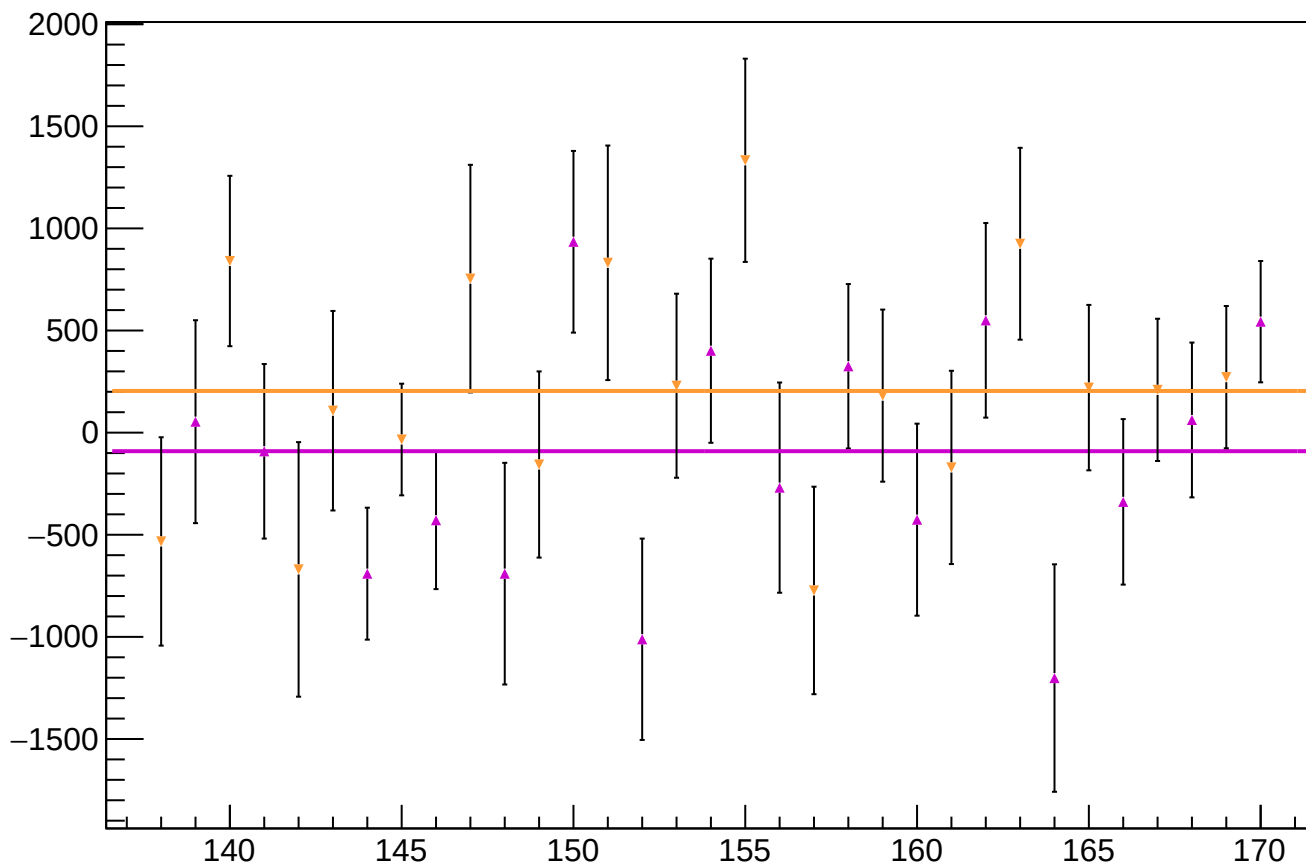
Left In: 66.603+/-0.013 χ^2/NDF : 309513.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.895+/-0.009 χ^2/NDF : 843745.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 204.062 $\pm$ 104.908 χ^2 /NDF:21.8/16

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

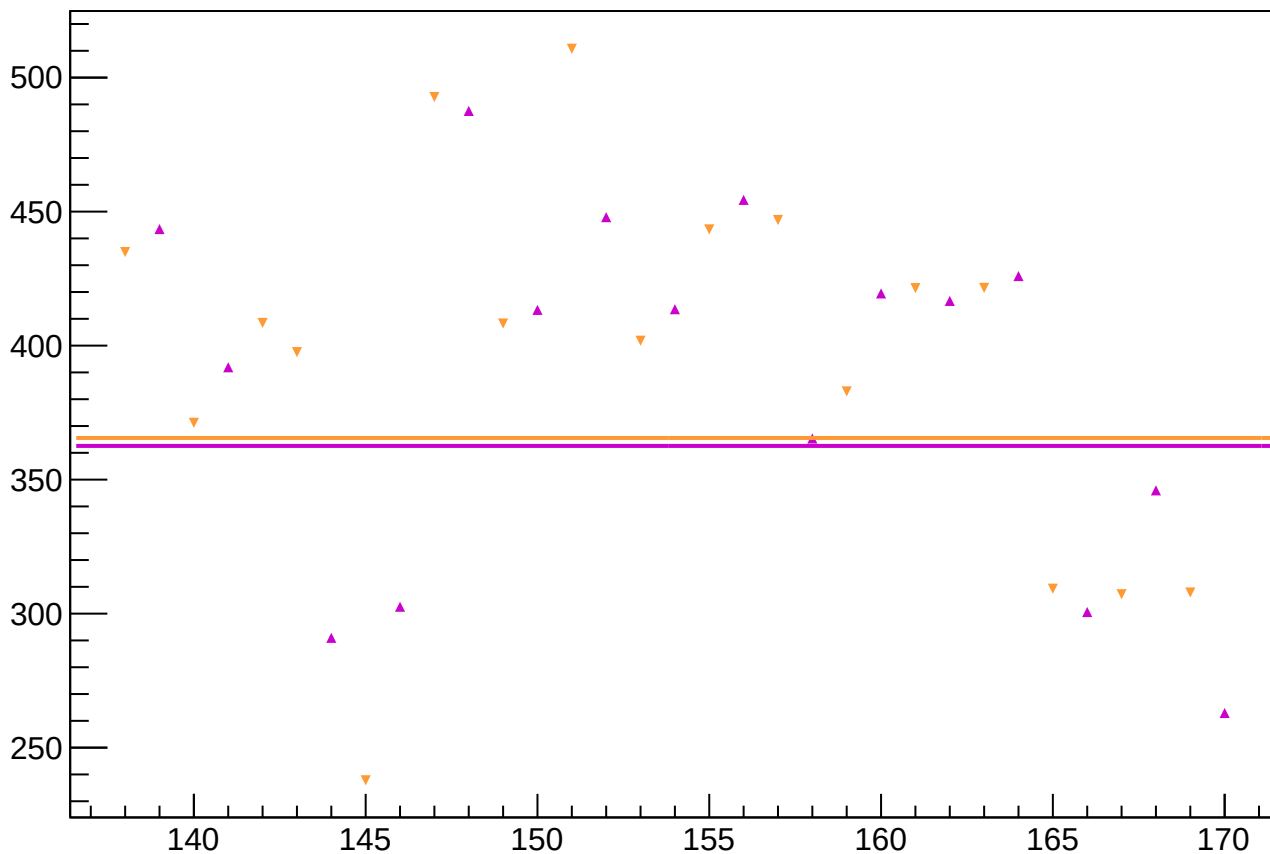
Left In: -90.820 $\pm$ 104.332 χ^2 /NDF:28.3/15

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

All: 55.809 $\pm$ 73.977 χ^2 /NDF: 54.1/32

- sign 0.000 $\pm$ 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: 365.550+/-0.074 χ^2/NDF :1064232.8/16

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

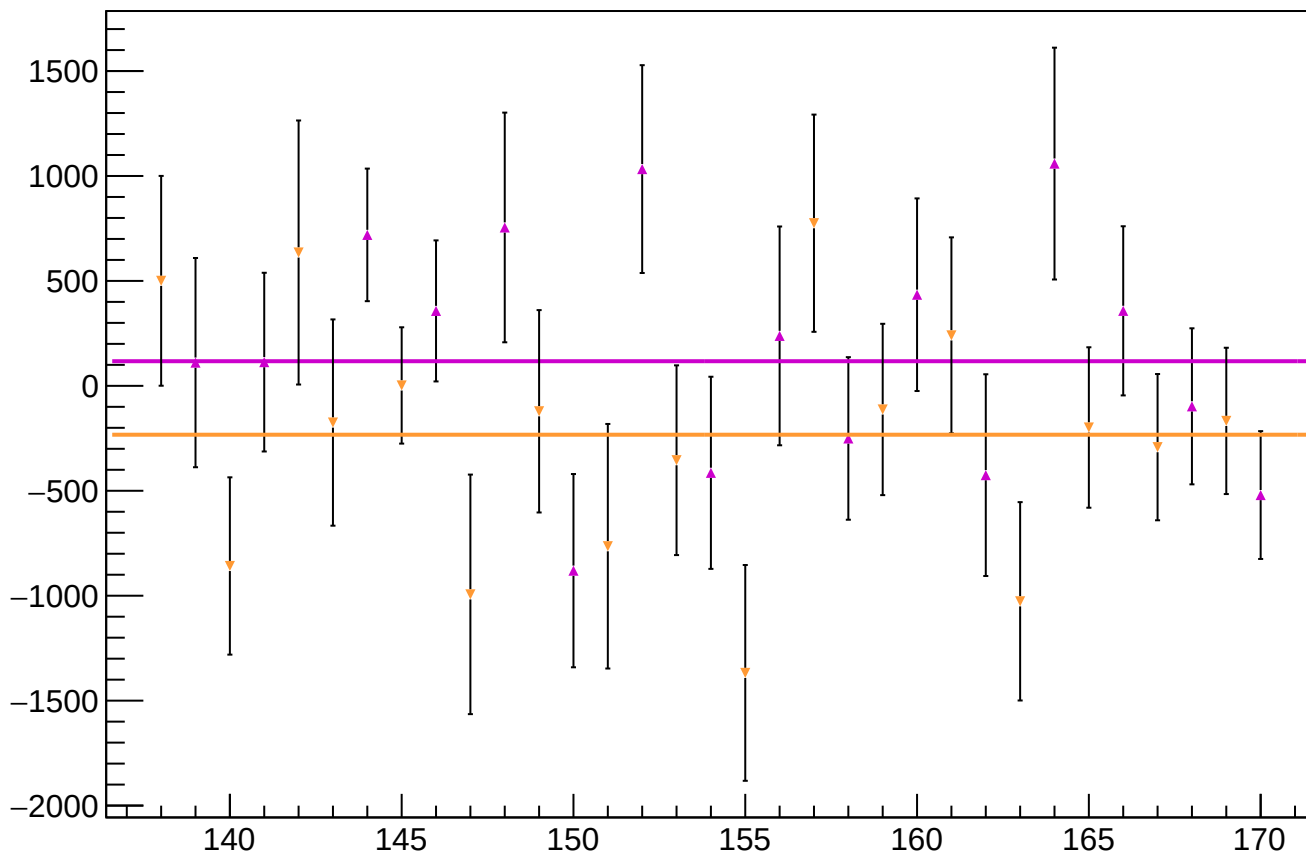
Left In: 362.578+/-0.074 χ^2/NDF :862172.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.056+/-0.052 χ^2/NDF : 1927212.8/32

- 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: -232.855+/-105.180 χ^2/NDF : 22.4/16

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

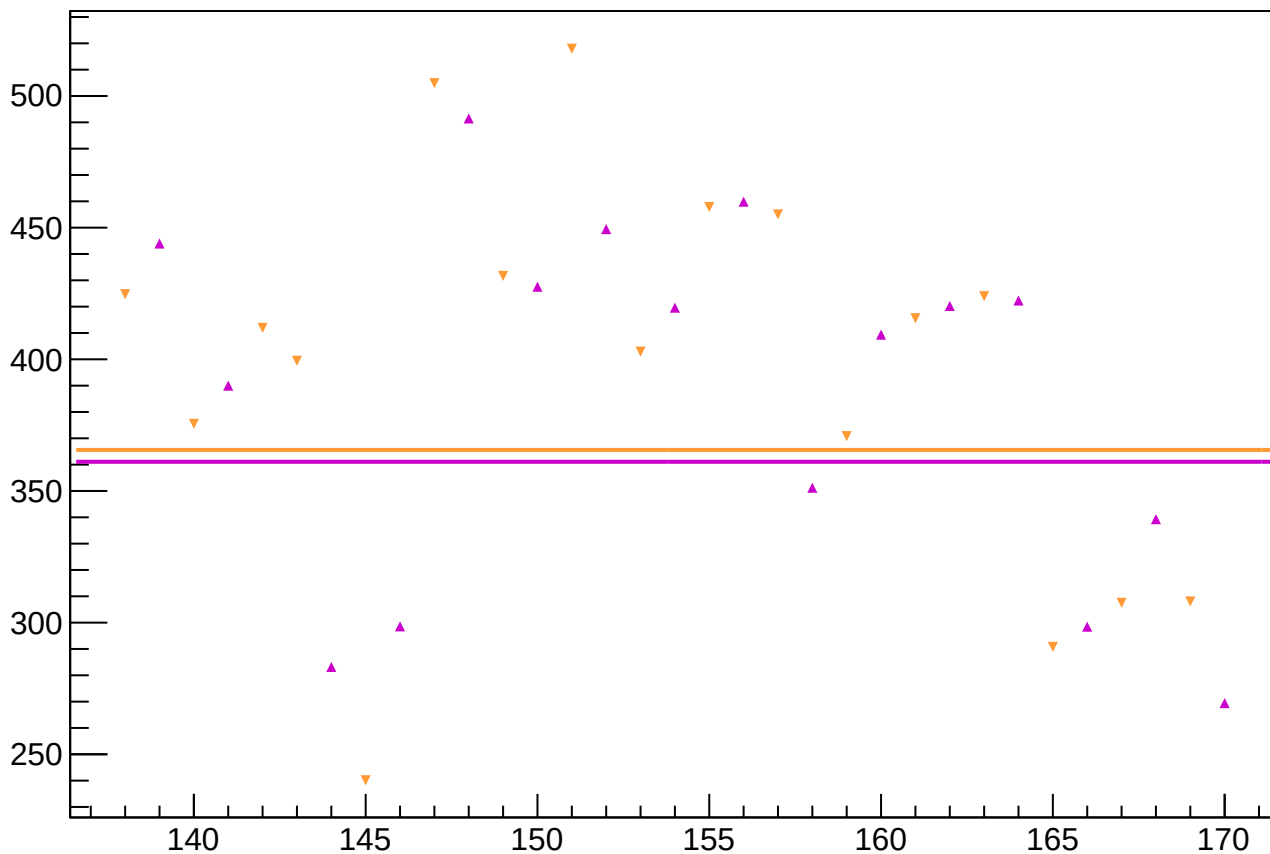
Left In: 117.386+/-104.143 χ^2/NDF : 25.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.999+/-74.004 χ^2/NDF : 53.6/32

- 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: 365.593+/-0.074 χ^2/NDF :1130950.1/16

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

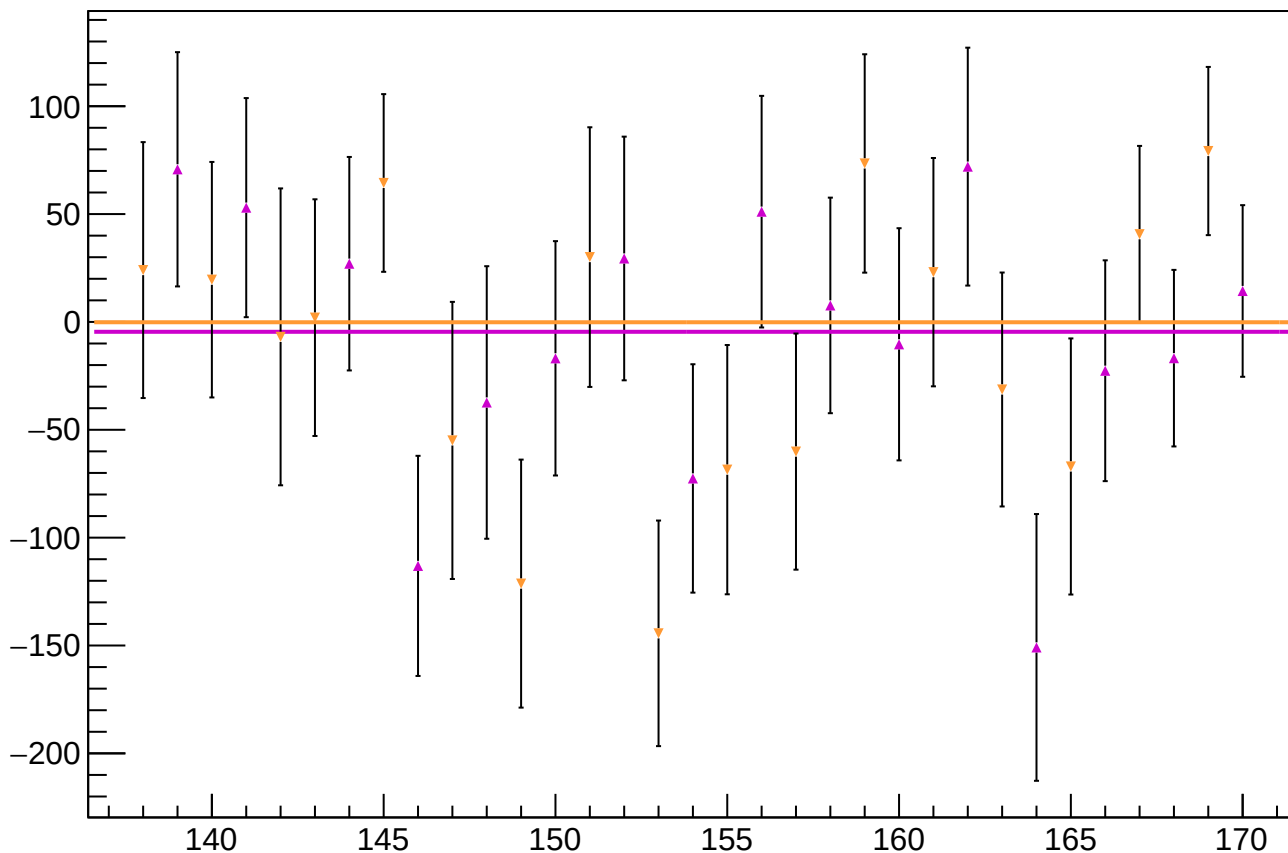
Left In: 361.090+/-0.074 χ^2/NDF :893539.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.320+/-0.052 χ^2/NDF : 2026340.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: -0.150 $\pm$ 12.701 χ^2 /NDF: 27.4/16

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

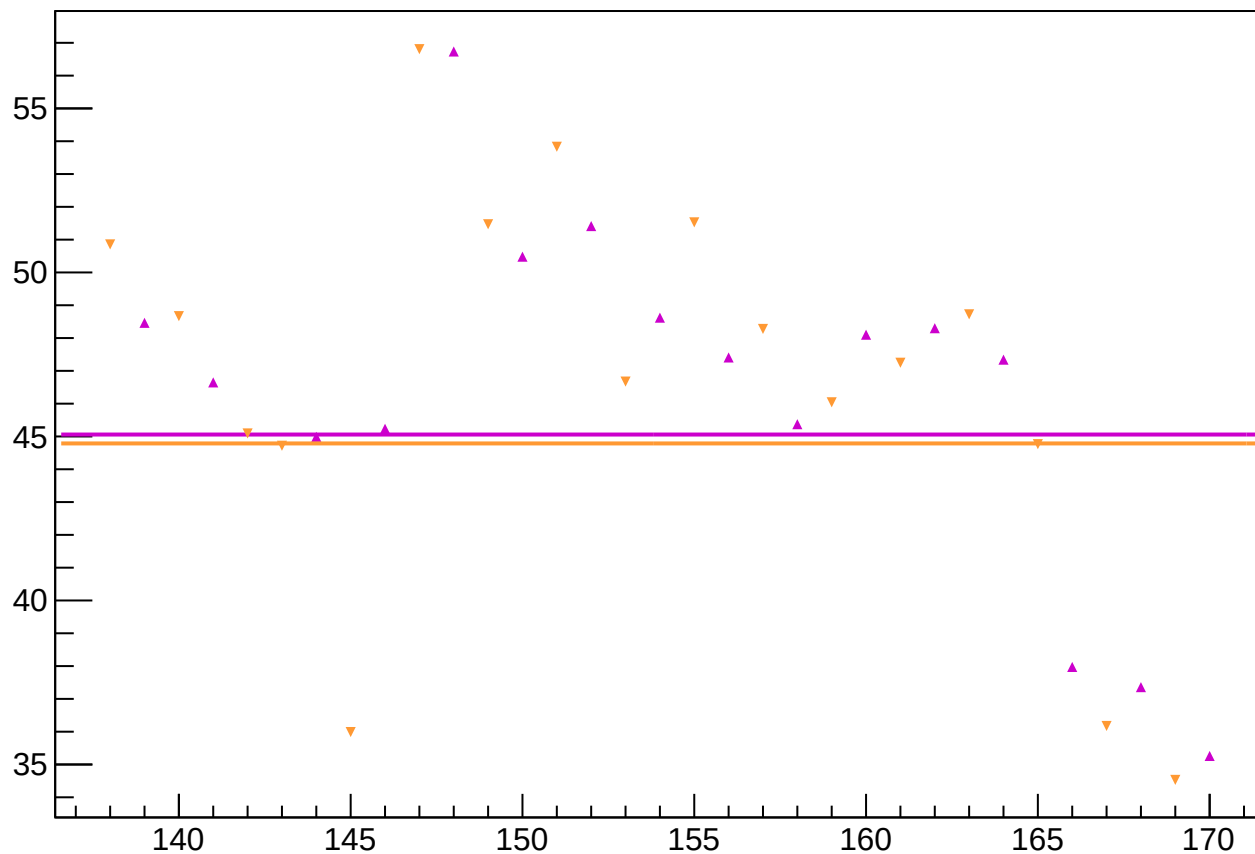
Left In: -4.576 $\pm$ 12.832 χ^2 /NDF: 19.6/15

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

All: -2.341 $\pm$ 9.027 χ^2 /NDF: 47.1/32

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

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 44.787 +/- 0.009 χ^2/NDF : 545530.7/16

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

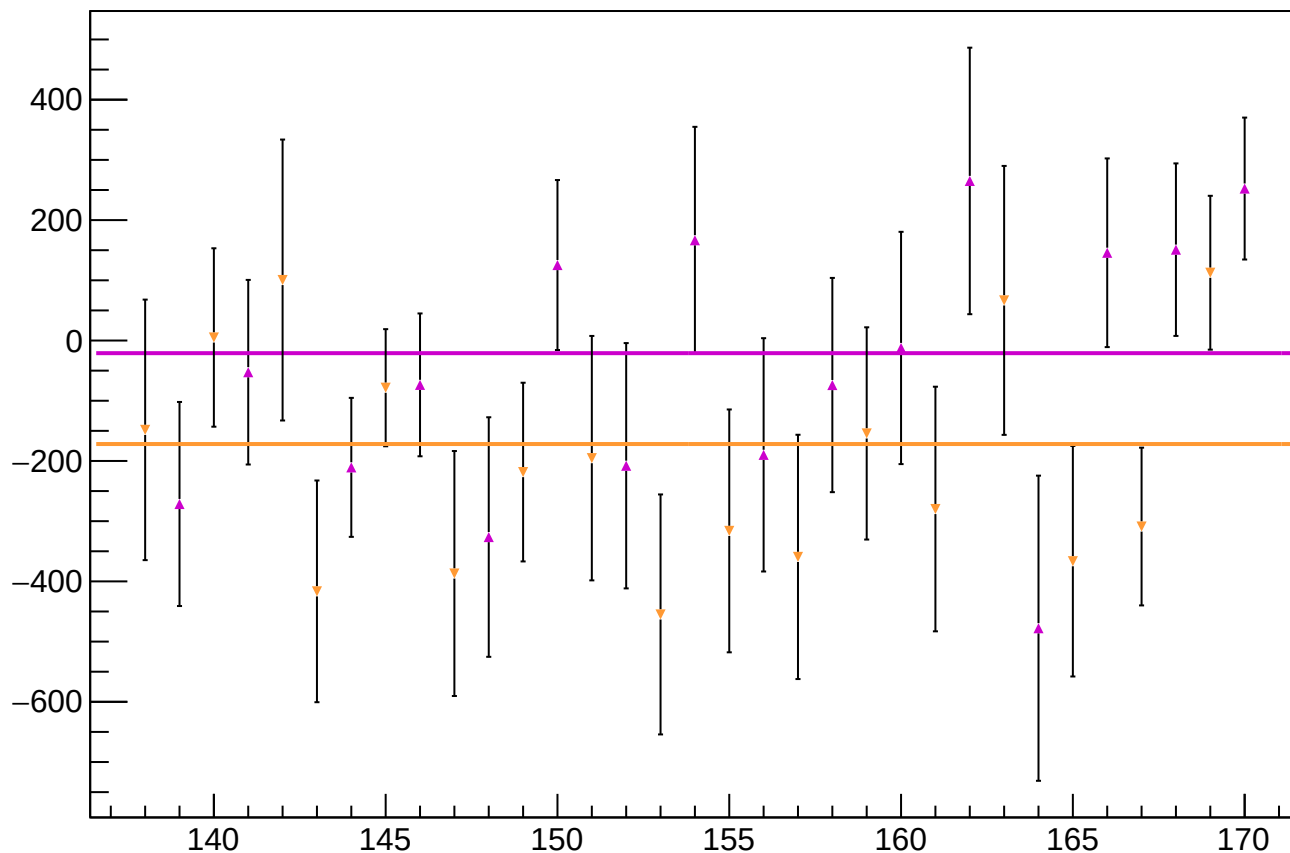
Left In: 45.059 +/- 0.009 χ^2/NDF : 382899.6/15

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 44.922 +/- 0.006 χ^2/NDF : 928881.7/32

- 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: -171.890+/-40.431 χ^2/NDF : 18.6/16

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

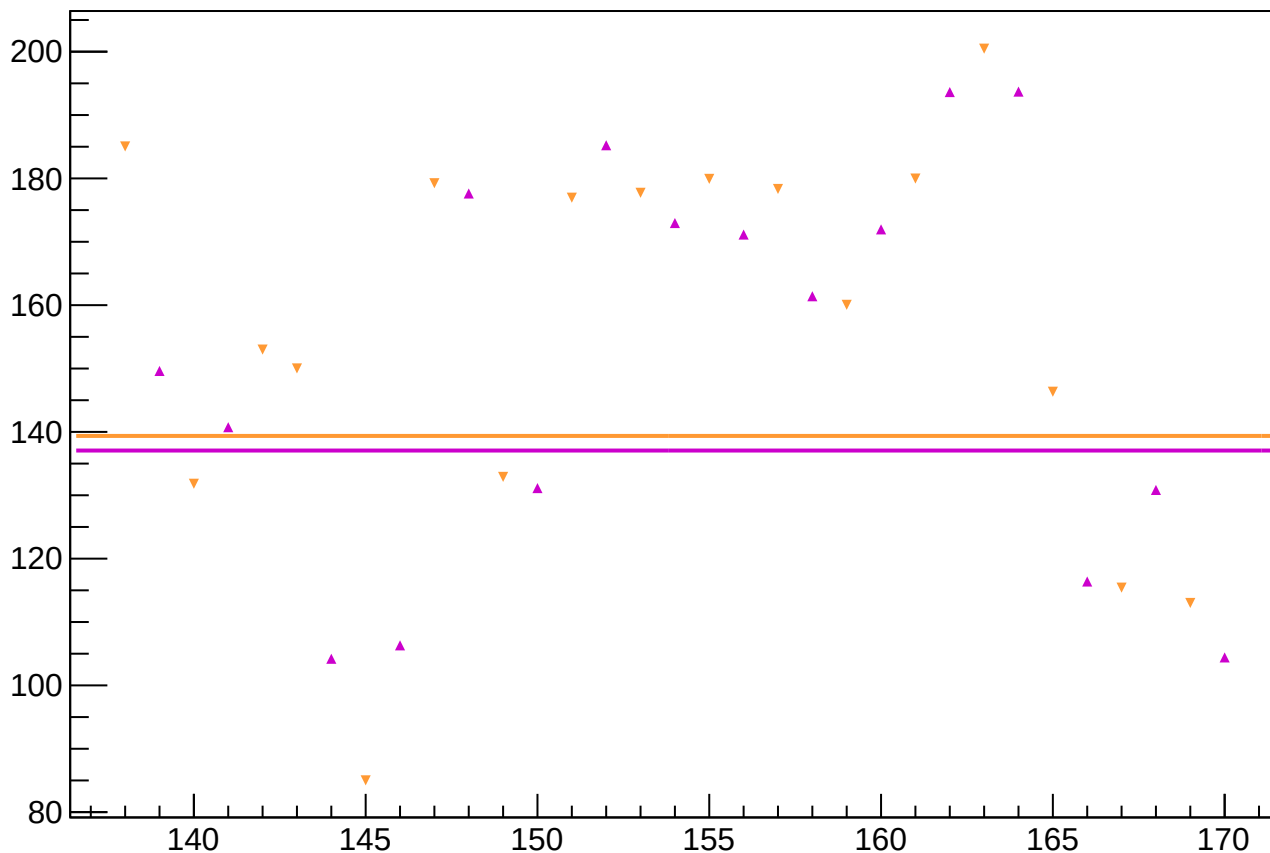
Left In: -20.980+/-39.719 χ^2/NDF : 24.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.094+/-28.334 χ^2/NDF : 49.8/32

- 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: 139.366+/-0.029 χ^2/NDF :1522347.9/16

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

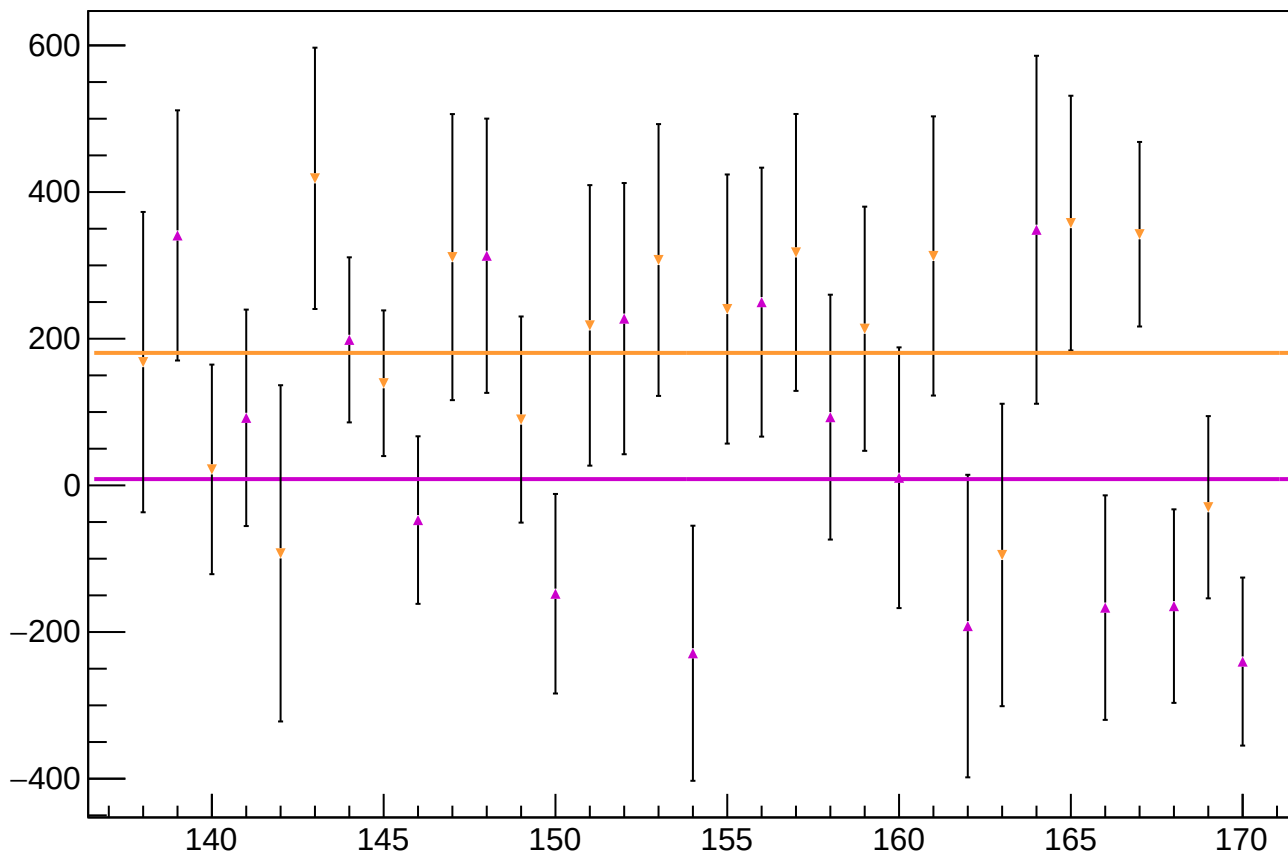
Left In: 137.060+/-0.028 χ^2/NDF :1167222.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.192+/-0.020 χ^2/NDF : 2692881.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 180.664 $\pm$ 38.806 χ^2 /NDF:14.5/16

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

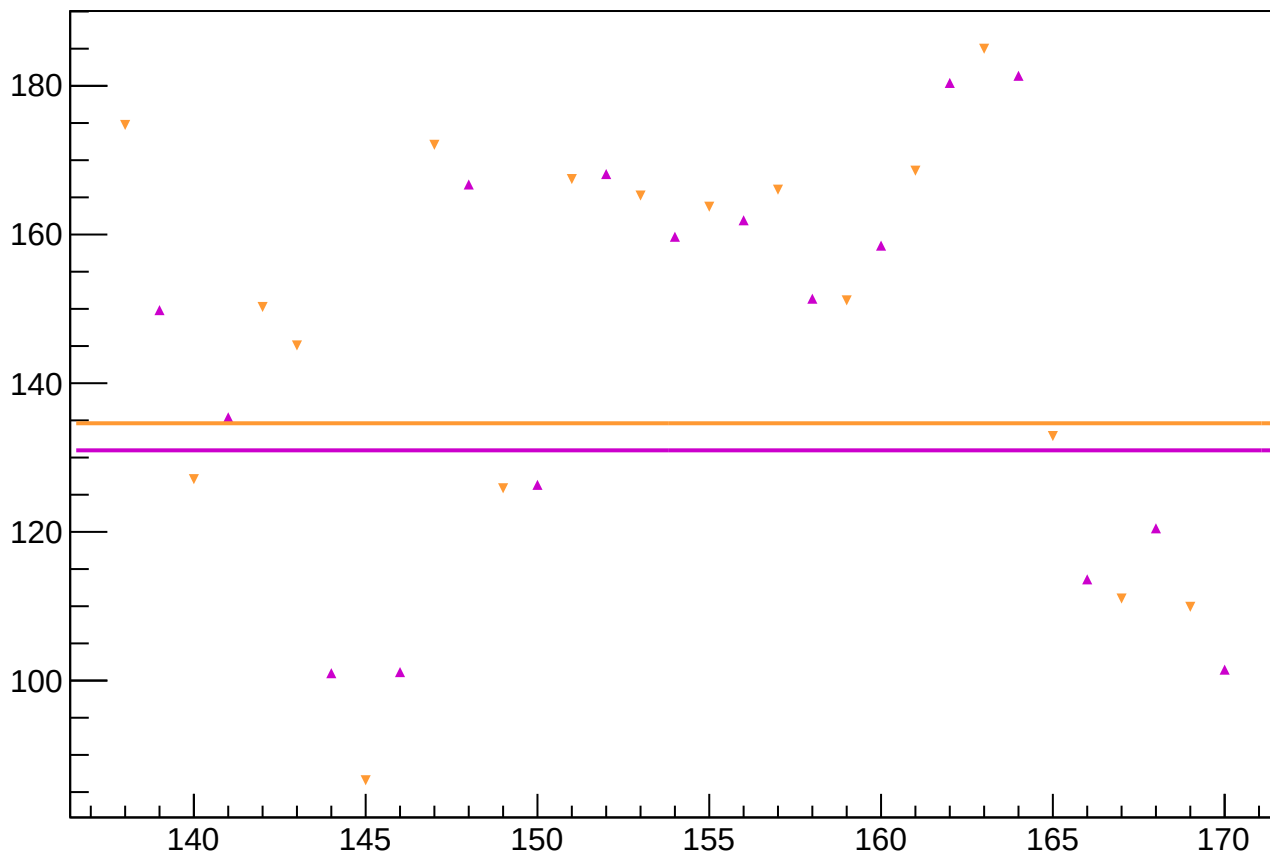
Left In: 8.550 $\pm$ 37.919 χ^2 /NDF:27.2/15

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

All: 92.616 $\pm$ 27.121 χ^2 /NDF: 51.7/32

- sign 0.000 $\pm$ 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: 134.611+/-0.027 χ^2/NDF :1219132.6/16

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

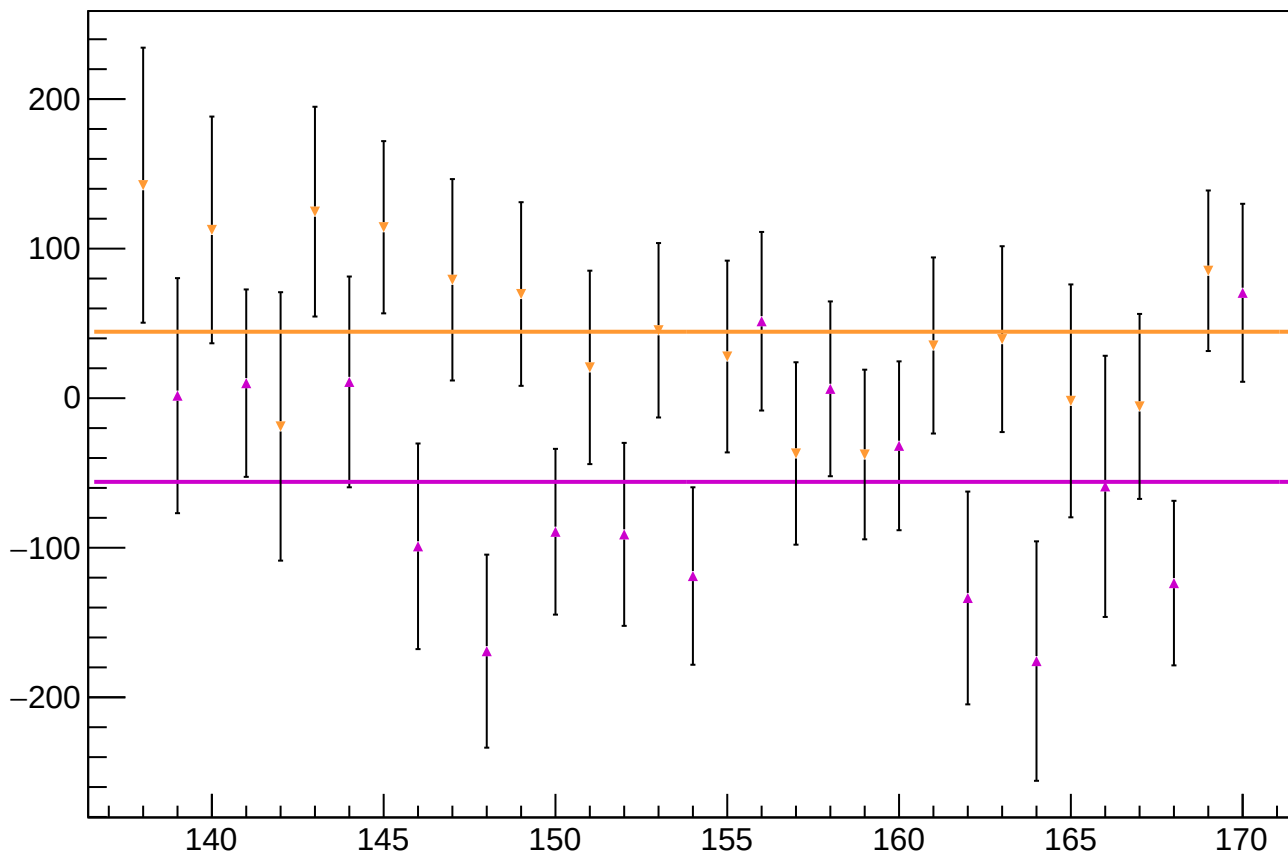
Left In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.749+/-0.019 χ^2/NDF : 2254154.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 44.434 $\pm$ 15.647 χ^2 /NDF:11.3/16

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

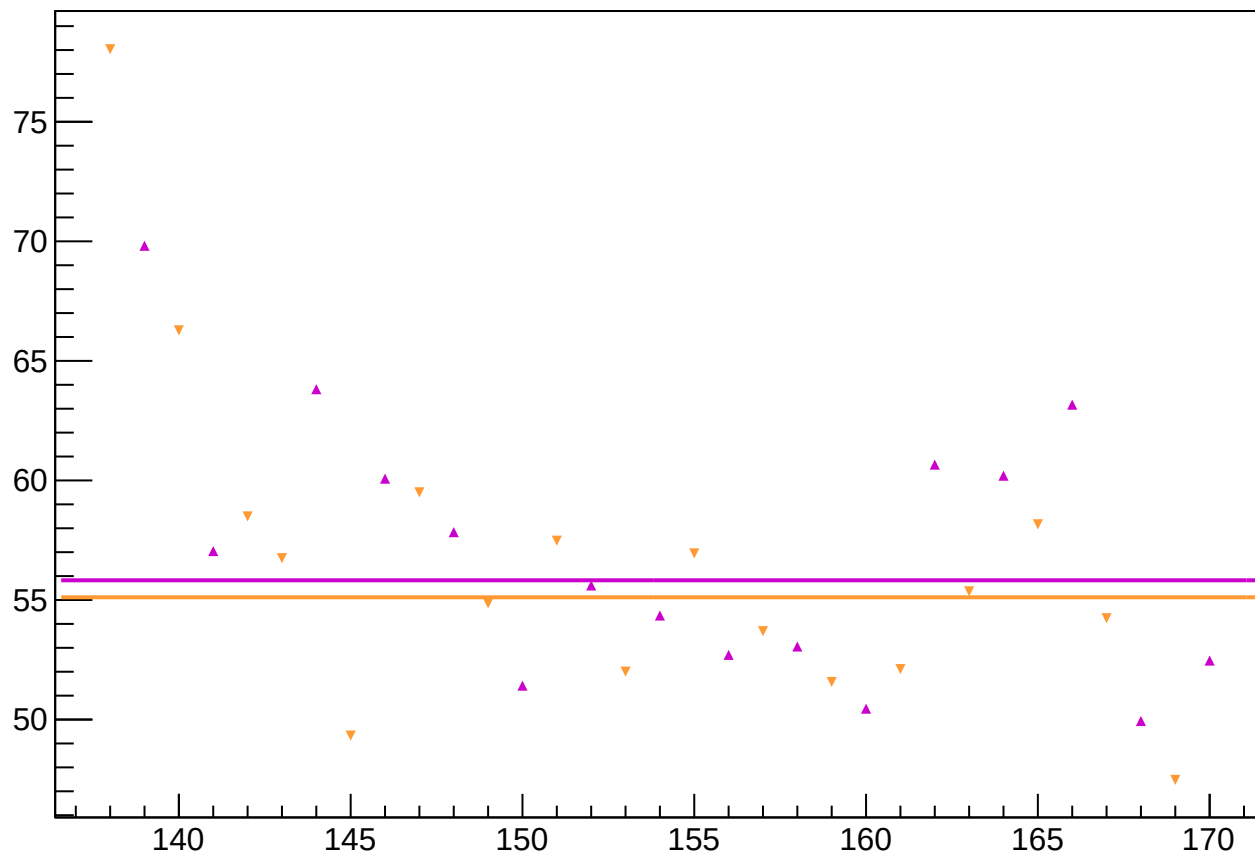
Left In: -55.951 $\pm$ 15.949 χ^2 /NDF:21.8/15

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

All: -4.799 $\pm$ 11.169 χ^2 /NDF: 53.4/32

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 55.113+/-0.011 χ^2/NDF : 268397.6/16

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

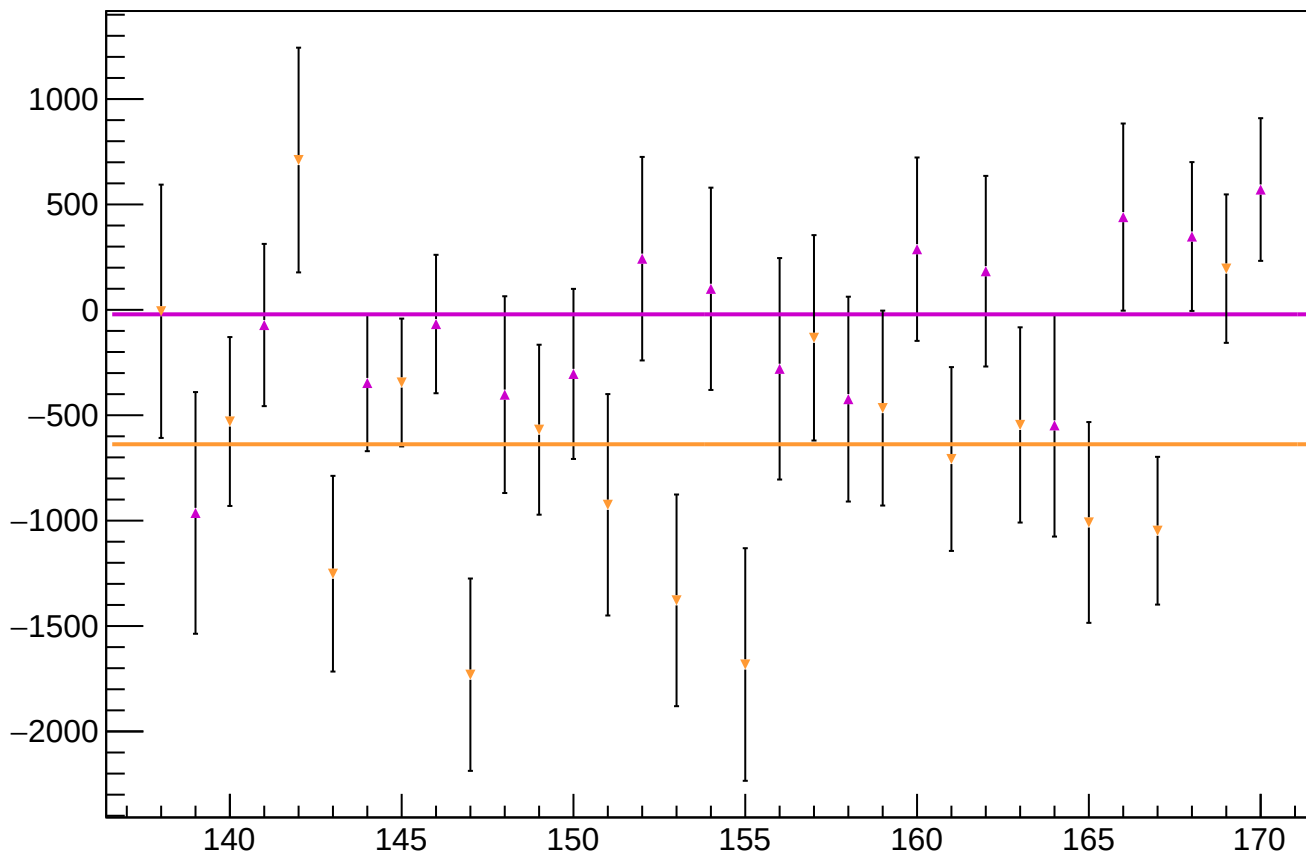
Left In: 55.824+/-0.011 χ^2/NDF : 200029.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.462+/-0.008 χ^2/NDF : 470450.7/32

- 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: -637.656+/-105.819 χ^2/NDF : 30.9/16

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

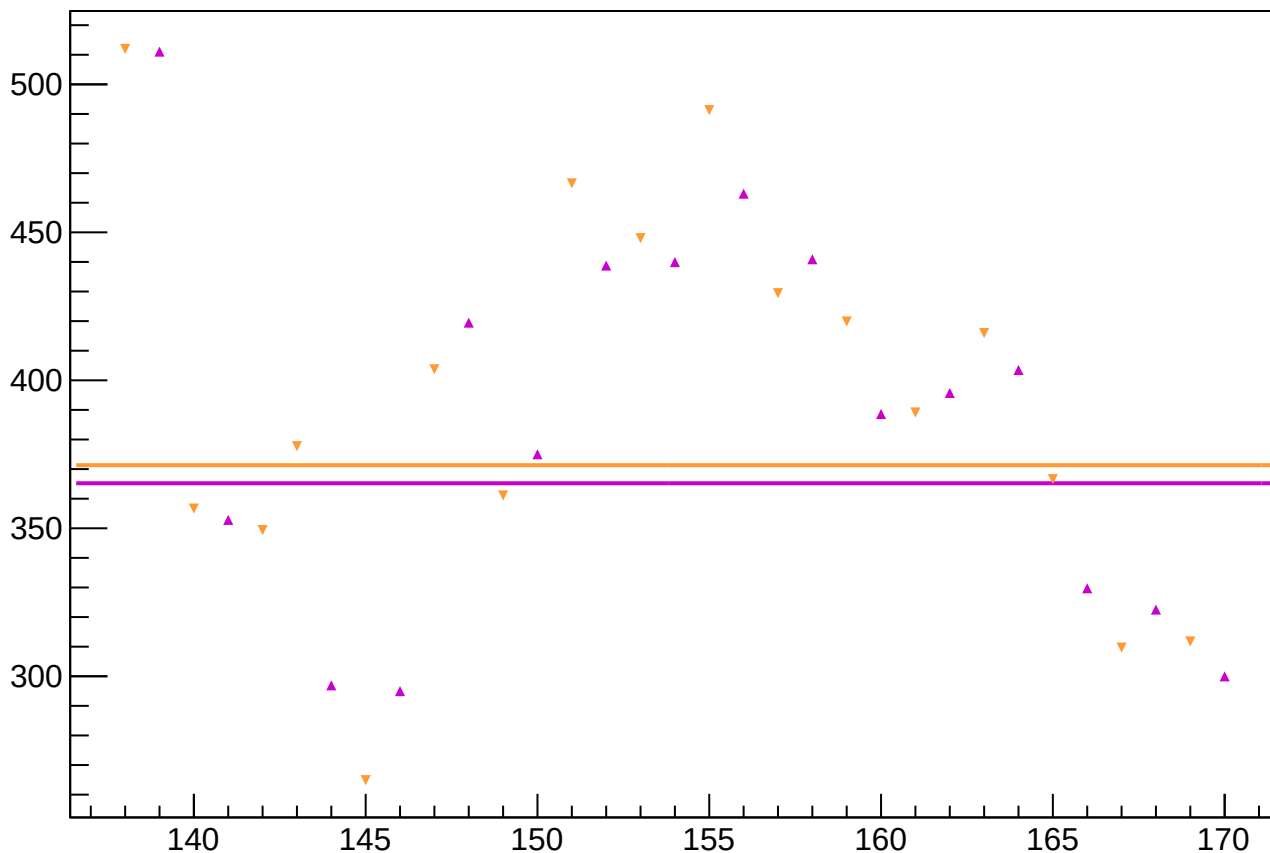
Left In: -21.297+/-104.569 χ^2/NDF : 13.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.815+/-74.380 χ^2/NDF : 61.2/32

- 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: 371.321+/-0.075 χ^2/NDF : 772641.3/16

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

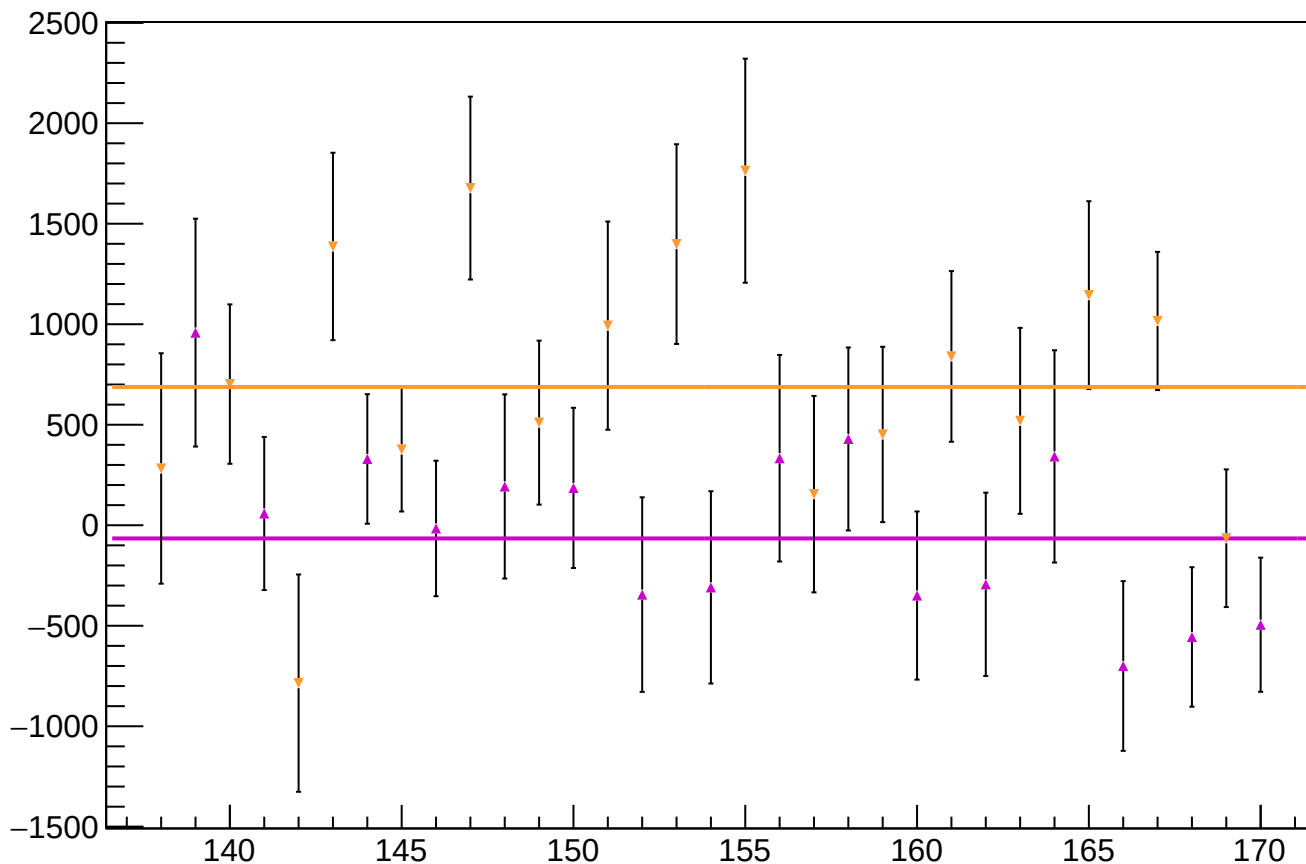
Left In: 365.211+/-0.074 χ^2/NDF : 695047.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.230+/-0.053 χ^2/NDF : 1471061.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_mean vs Slug



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

Left Out: 687.877 $\pm$ 104.813 χ^2 /NDF:30.7/16

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

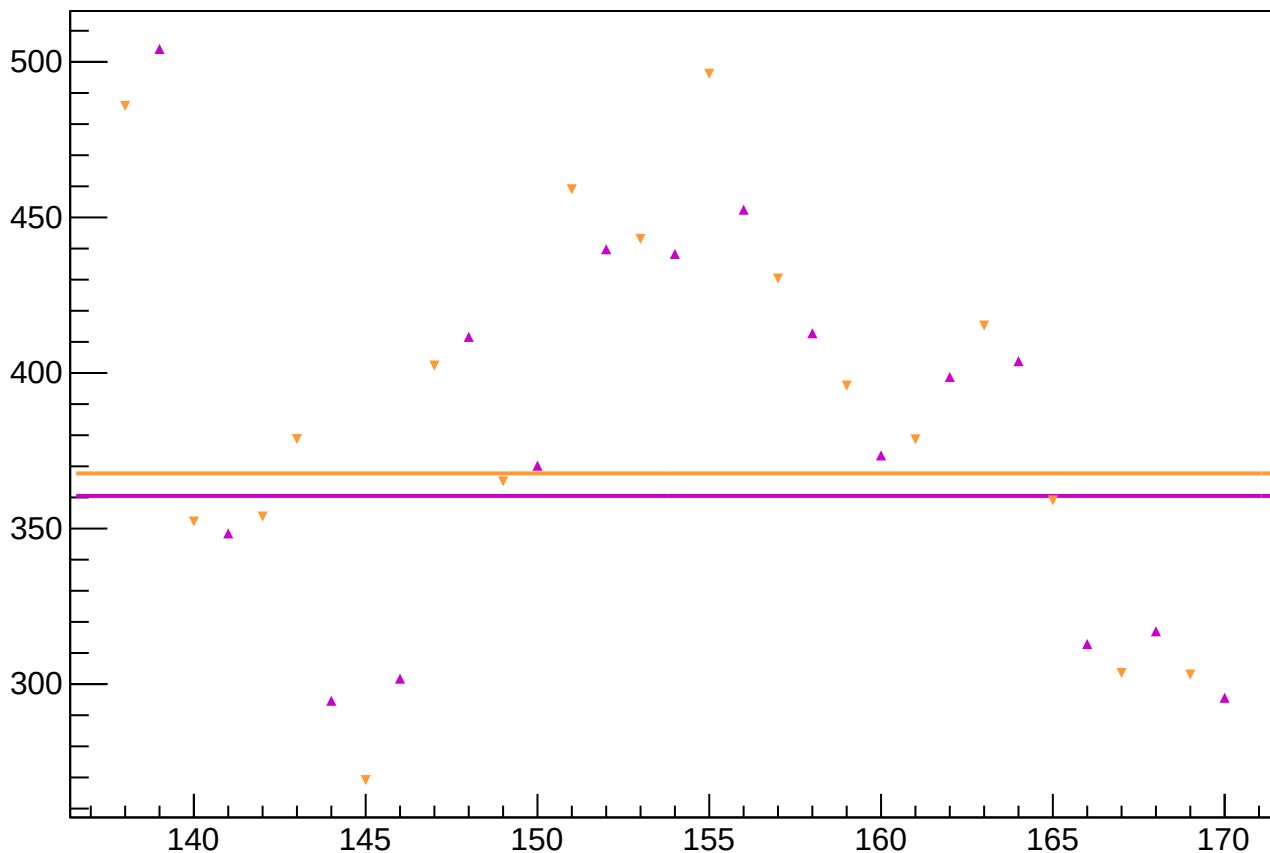
Left In: -65.594 $\pm$ 103.260 χ^2 /NDF:15.2/15

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

All: 305.517 $\pm$ 73.559 χ^2 /NDF: 72.1/32

- sign 0.000 $\pm$ 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: 367.724+/-0.074 χ^2/NDF : 726055.8/16

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

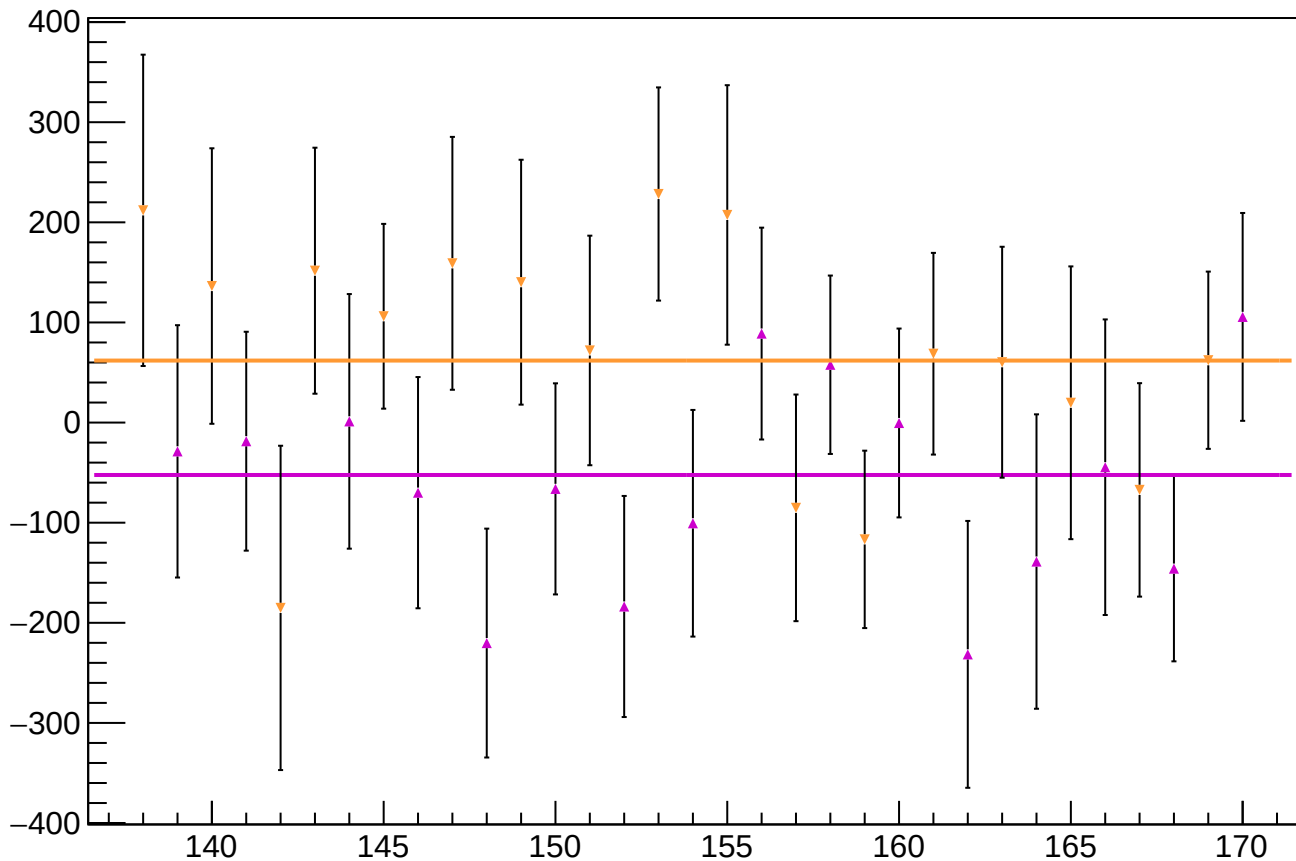
Left In: 360.494+/-0.073 χ^2/NDF : 659919.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.055+/-0.052 χ^2/NDF : 1390803.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 61.934 $\pm$ 27.544 χ^2 /NDF:16.3/16

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

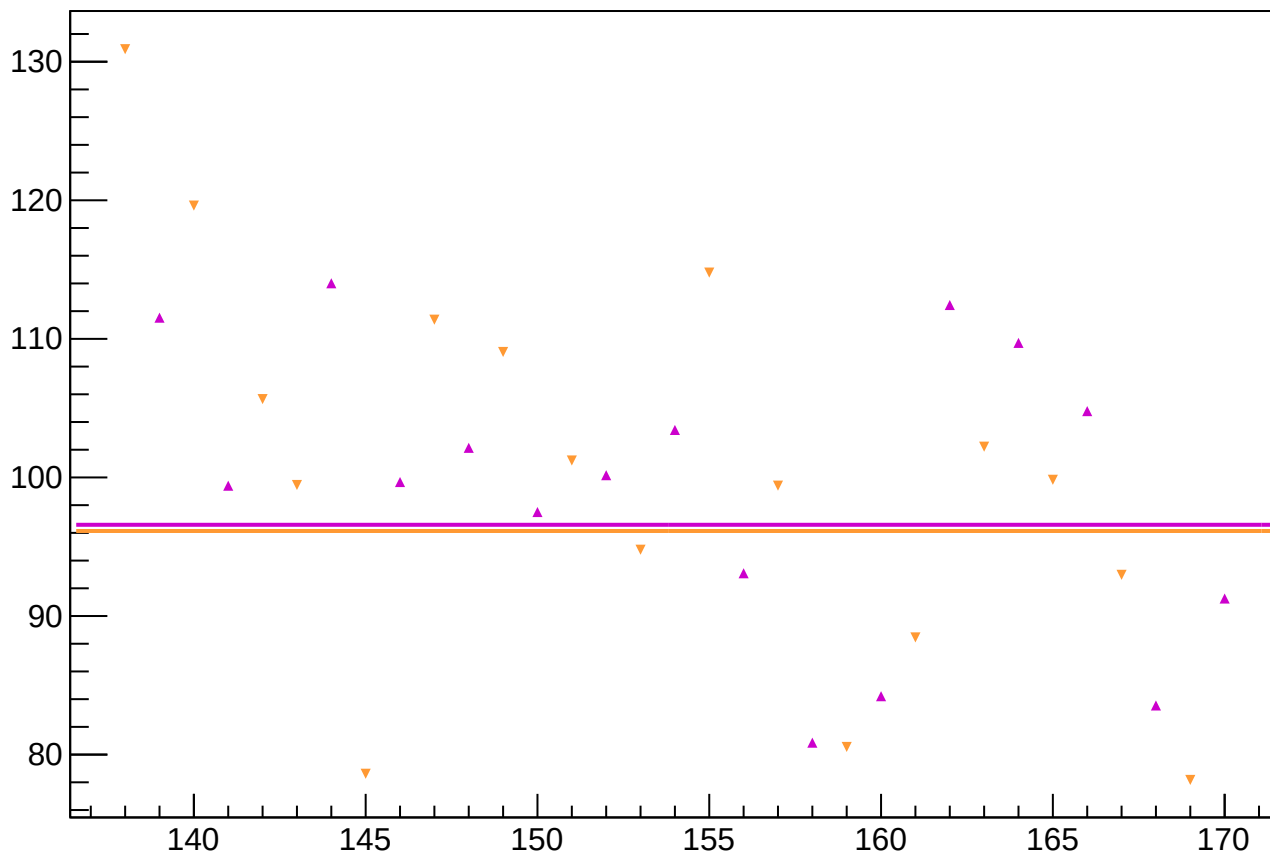
Left In: -52.354 $\pm$ 27.780 χ^2 /NDF:13.2/15

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

All: 5.279 $\pm$ 19.560 χ^2 /NDF: 38.1/32

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

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 96.137+/-0.019 χ^2/NDF : 502174.8/16

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

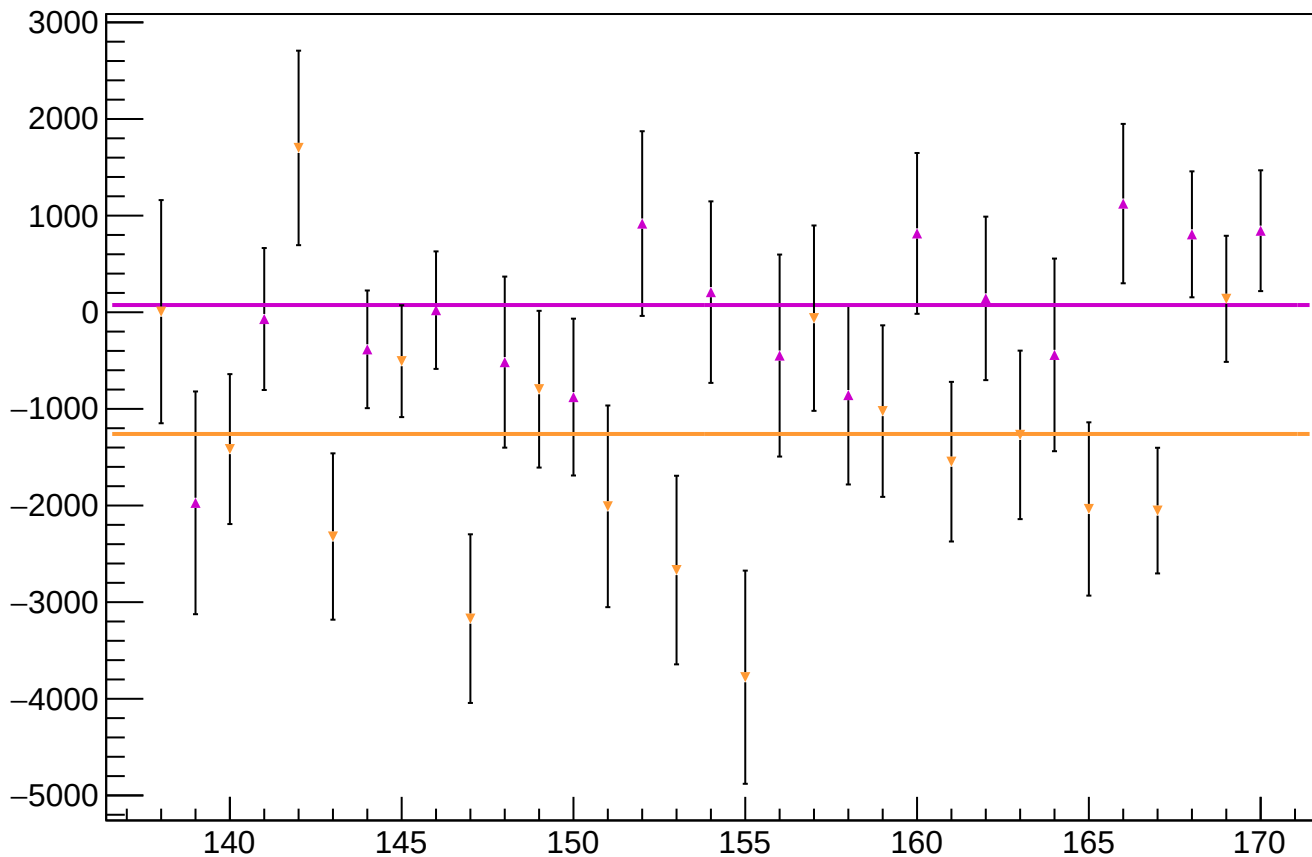
Left In: 96.584+/-0.020 χ^2/NDF : 277005.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.358+/-0.014 χ^2/NDF : 779442.0/32

- 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: -1259.444+/-202.228 χ^2/NDF : 34.6/16

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

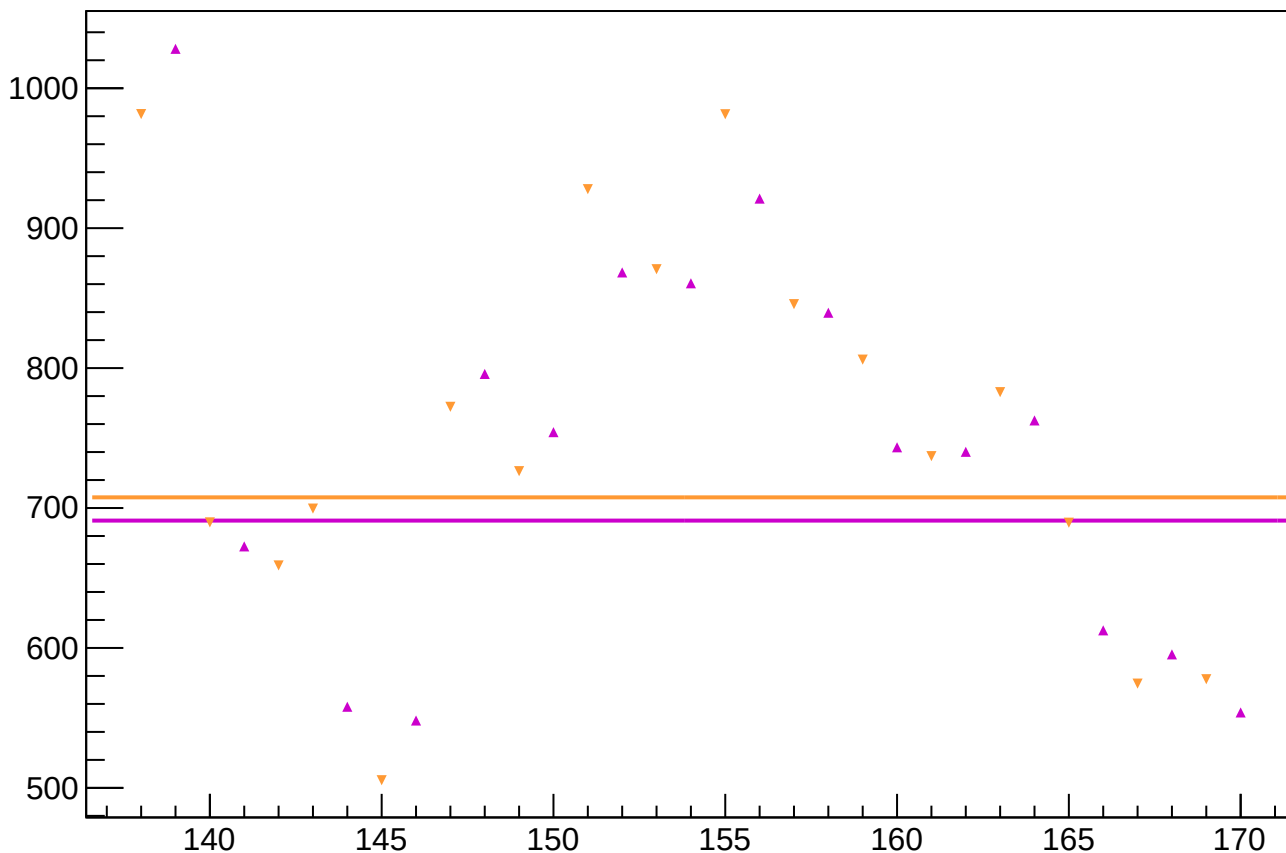
Left In: 74.779+/-198.624 χ^2/NDF : 13.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.339+/-141.705 χ^2/NDF : 69.9/32

- 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: 707.623+/-0.143 χ^2/NDF : 889928.0/16

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

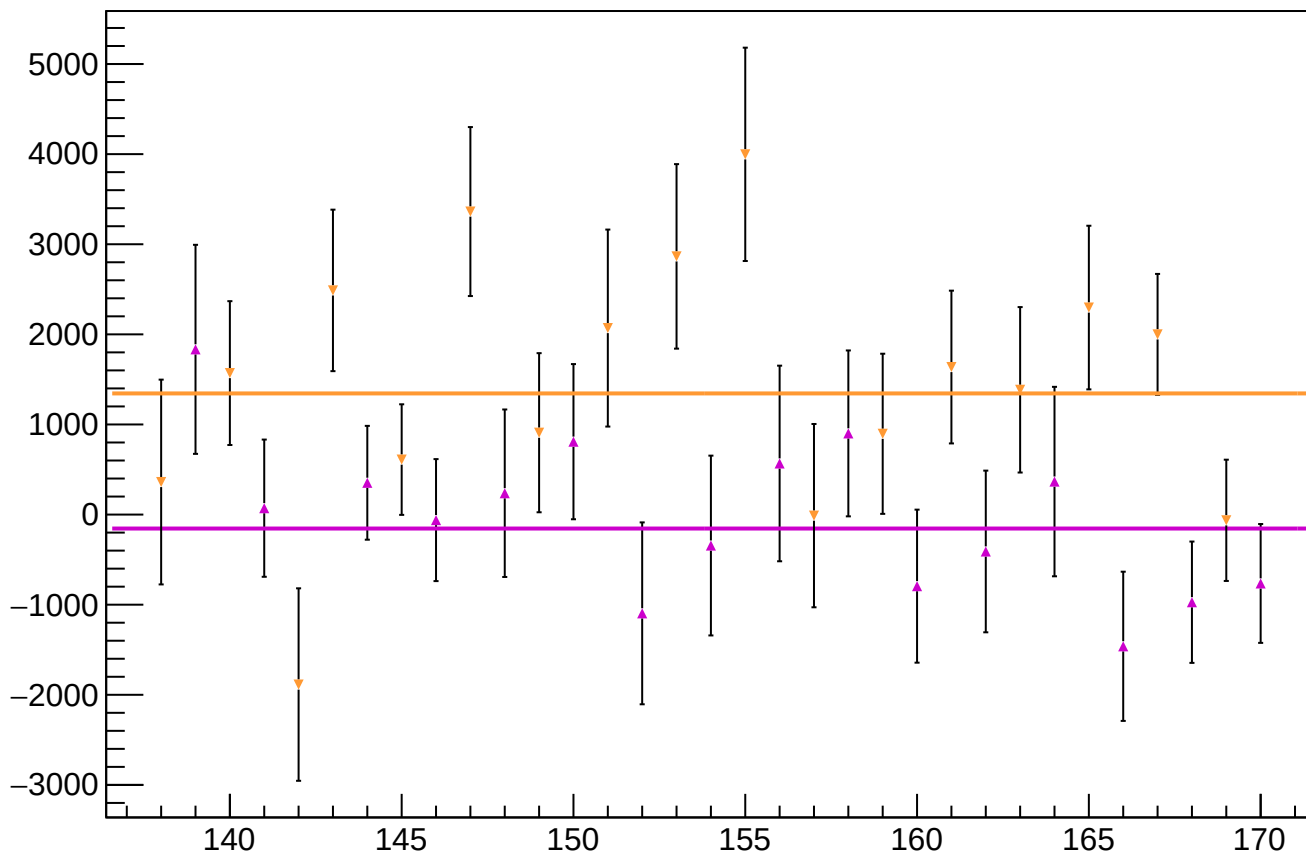
Left In: 691.018+/-0.140 χ^2/NDF : 883390.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.172+/-0.100 χ^2/NDF : 1780182.2/32

- 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: 1344.434+/-210.808 χ^2/NDF :34.2/16

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

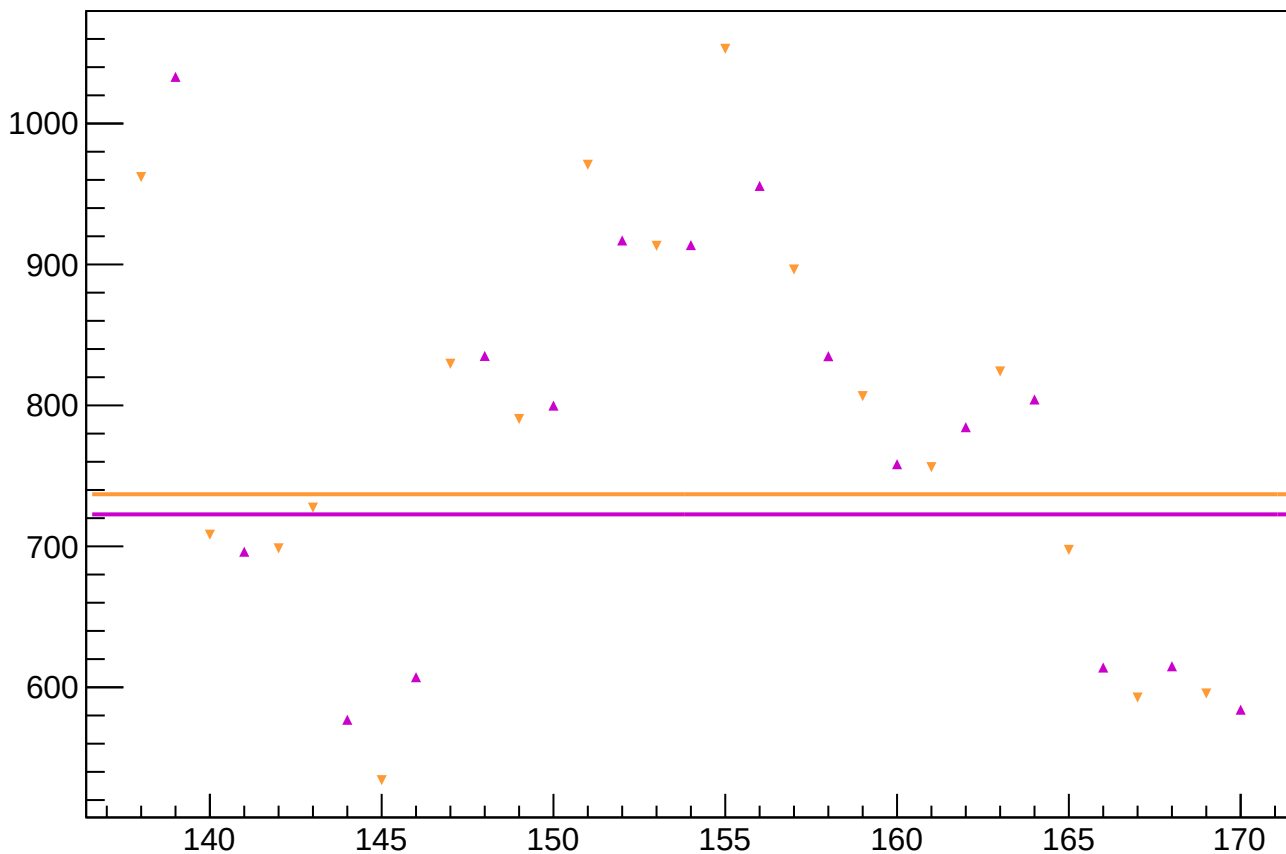
Left In: -154.887+/-207.707 χ^2/NDF :13.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.666+/-147.955 χ^2/NDF : 73.3/32

- 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: 736.965+/-0.149 χ^2/NDF : 887448.6/16

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

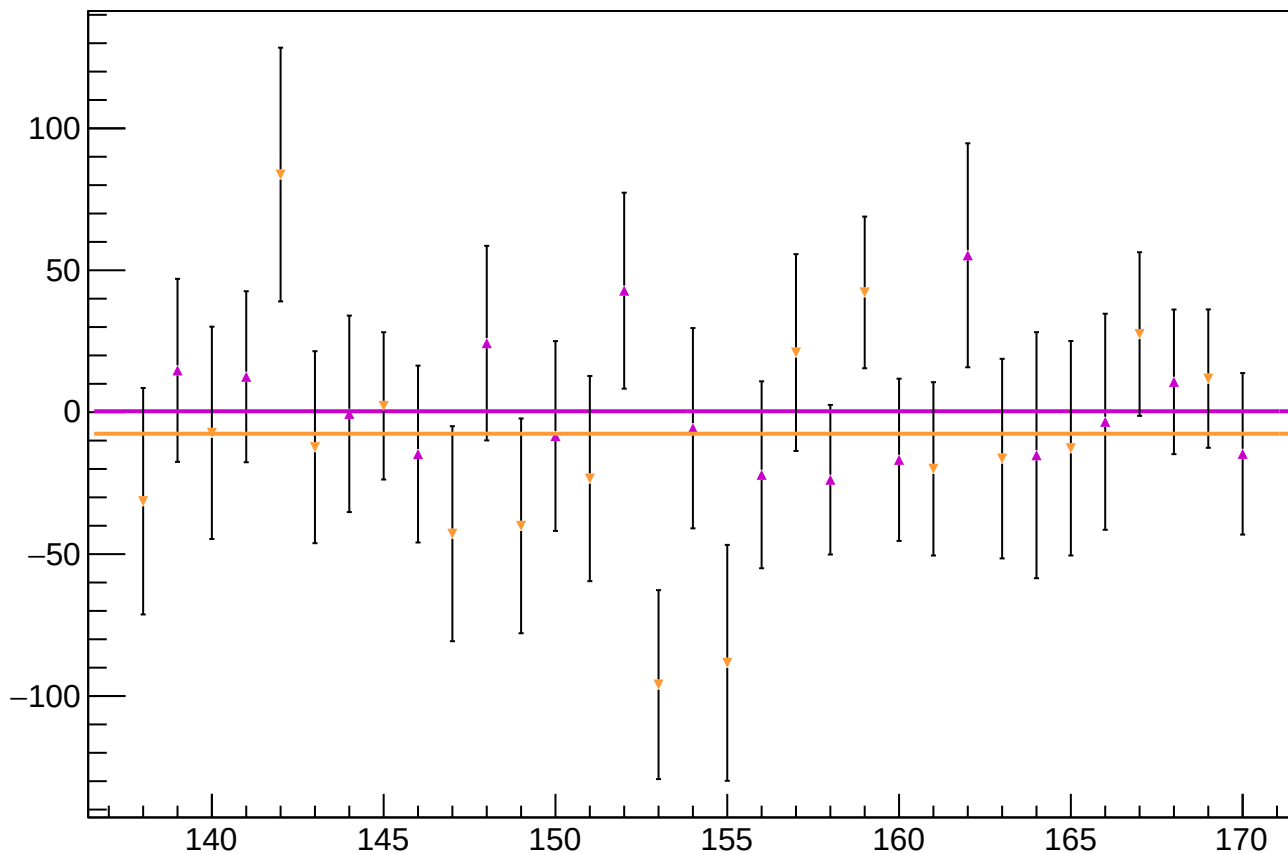
Left In: 722.690+/-0.147 χ^2/NDF : 824237.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.722+/-0.105 χ^2/NDF : 1716339.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -7.575 $\pm$ 8.020 χ^2 /NDF:23.8/16

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

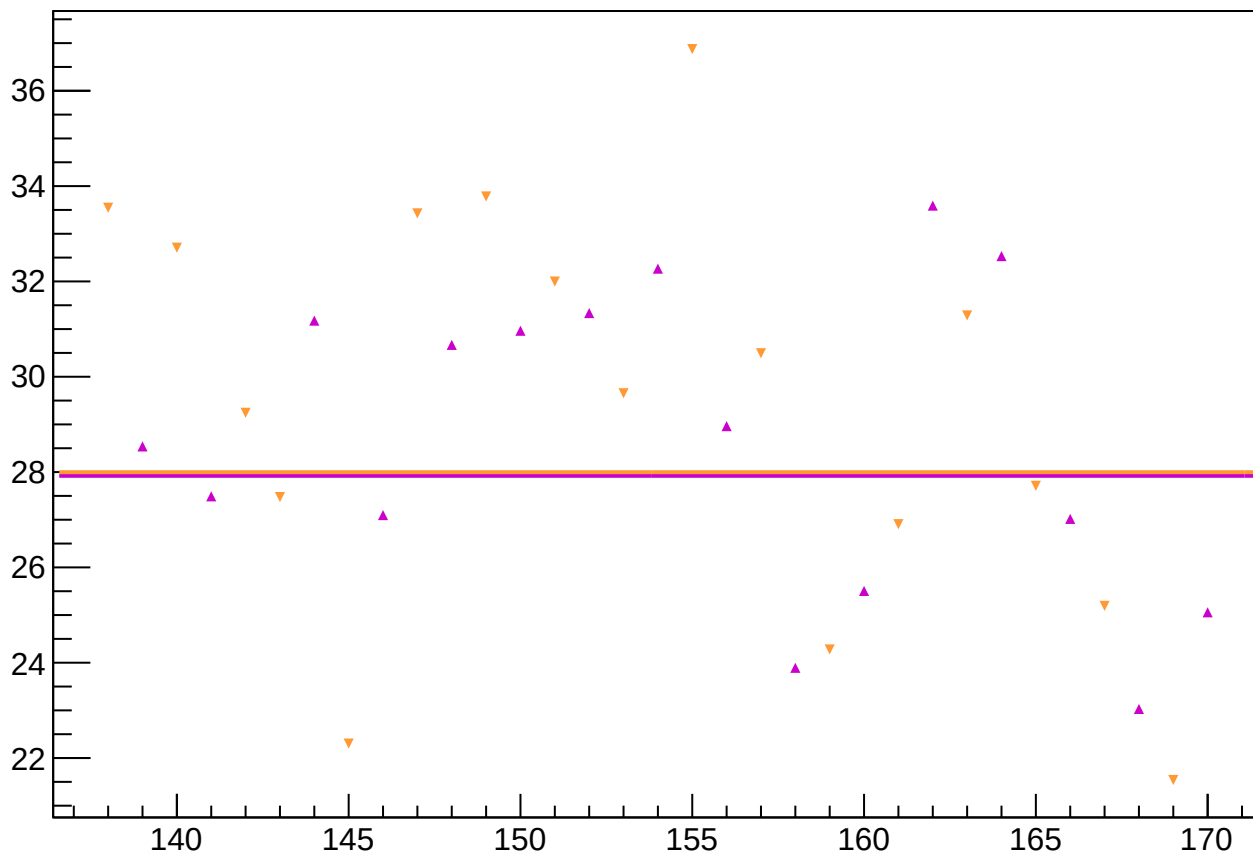
Left In: 0.339 $\pm$ 8.021 χ^2 /NDF:6.9/15

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

All: -3.618 $\pm$ 5.671 χ^2 /NDF: 31.2/32

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

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 27.998+/-0.006 χ^2/NDF : 605943.6/16

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

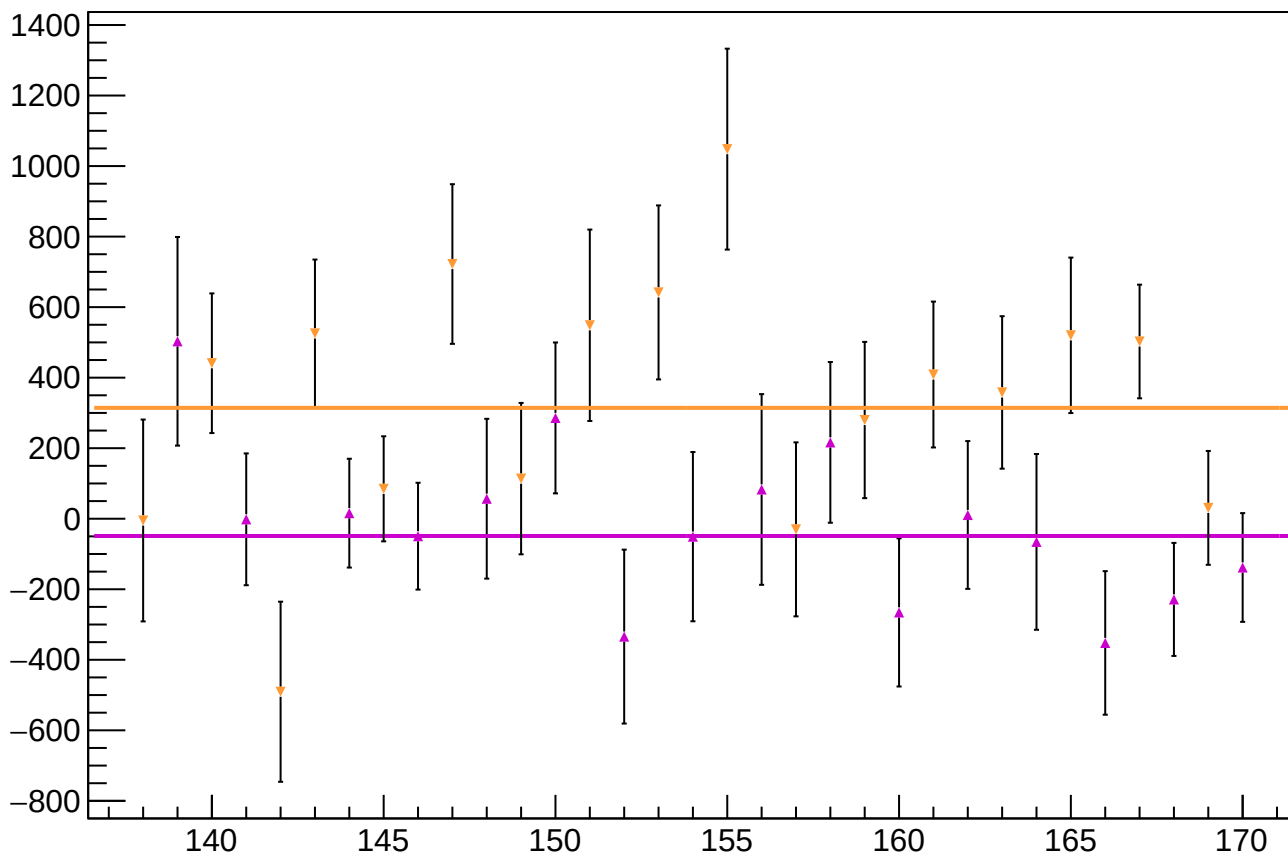
Left In: 27.922+/-0.006 χ^2/NDF : 321671.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.960+/-0.004 χ^2/NDF : 927704.6/32

- 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: 314.452+/-51.062 χ^2/NDF : 35.8/16

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

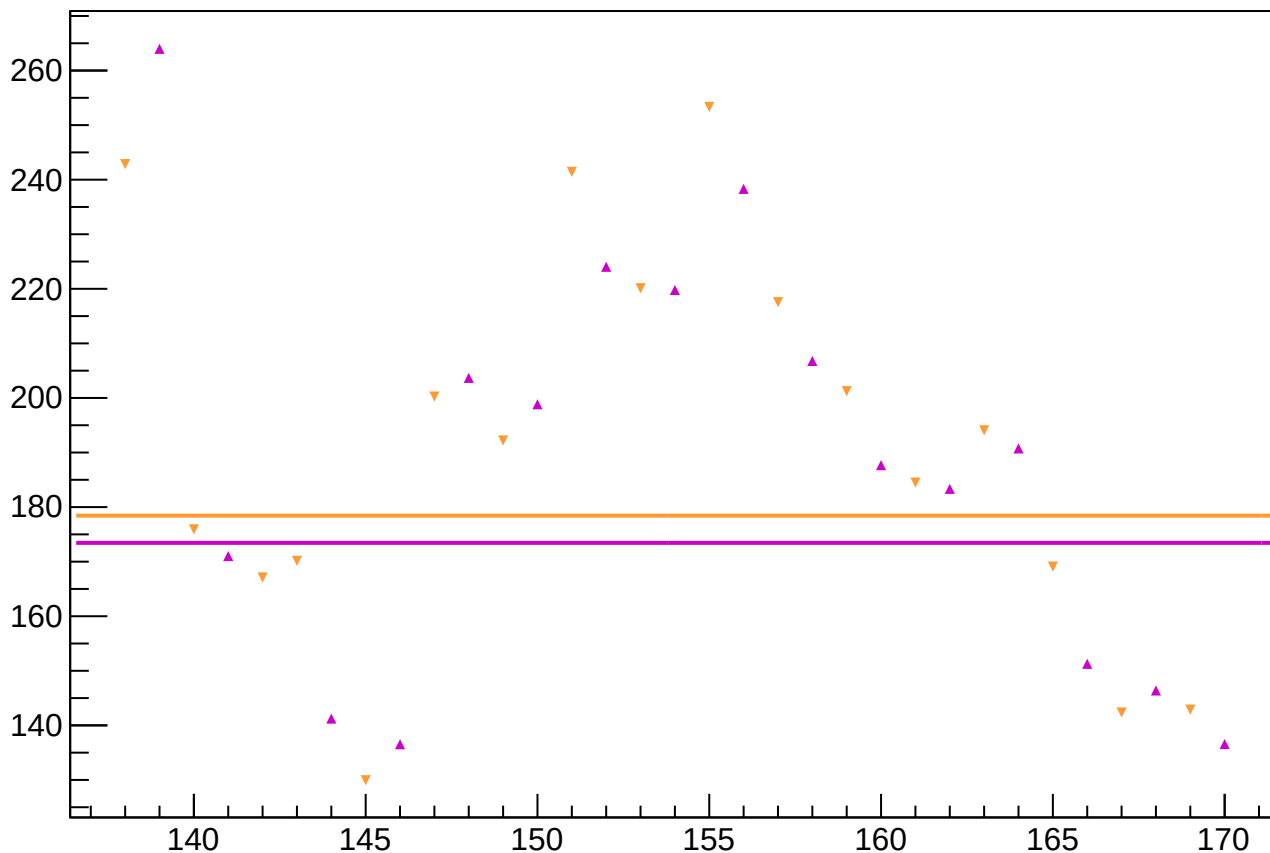
Left In: -48.902+/-49.972 χ^2/NDF : 14.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.856+/-35.715 χ^2/NDF : 75.9/32

- 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: 178.435+/-0.036 χ^2/NDF : 935174.5/16

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

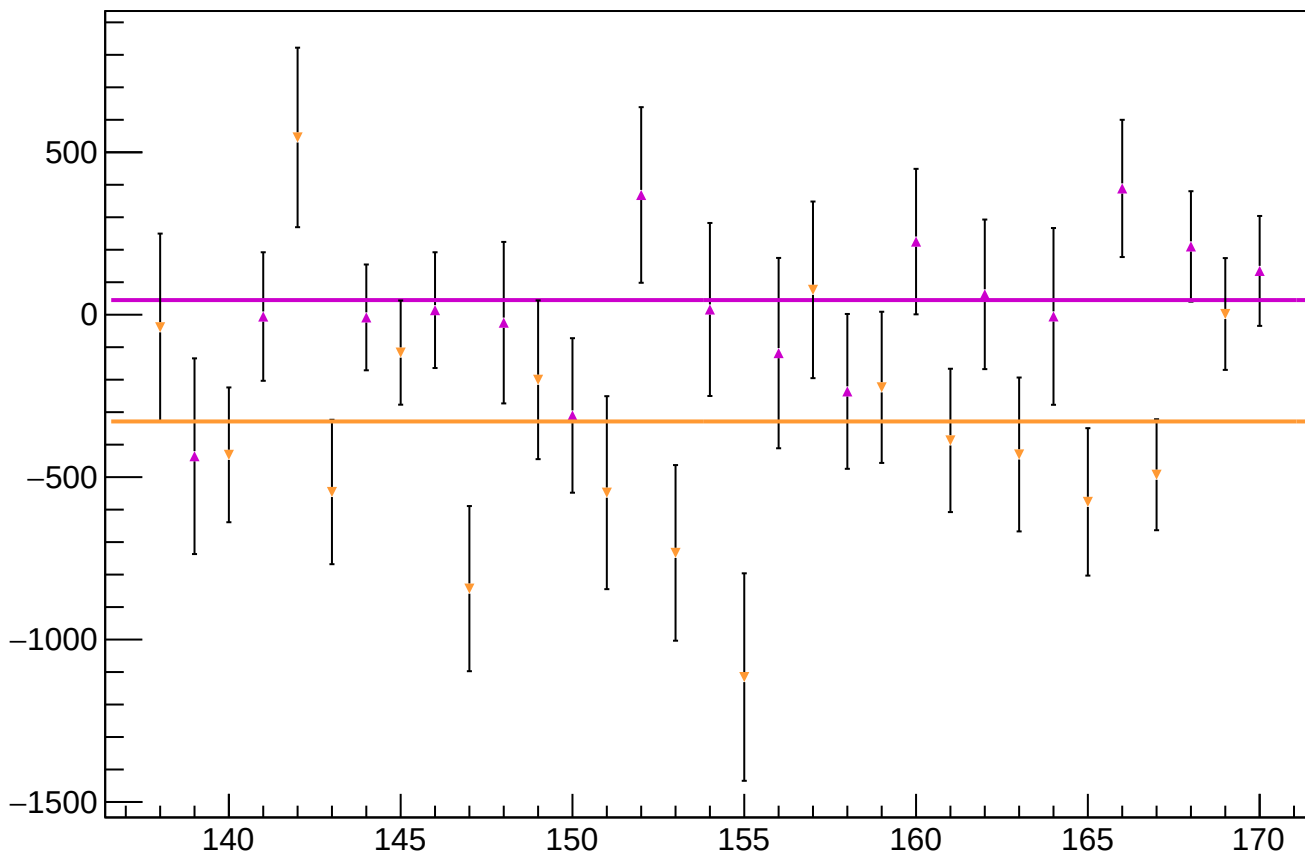
Left In: 173.446+/-0.035 χ^2/NDF : 992460.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.887+/-0.025 χ^2/NDF : 1937384.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -328.590 $\pm$ 54.852 χ^2 /NDF:35.7/16

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

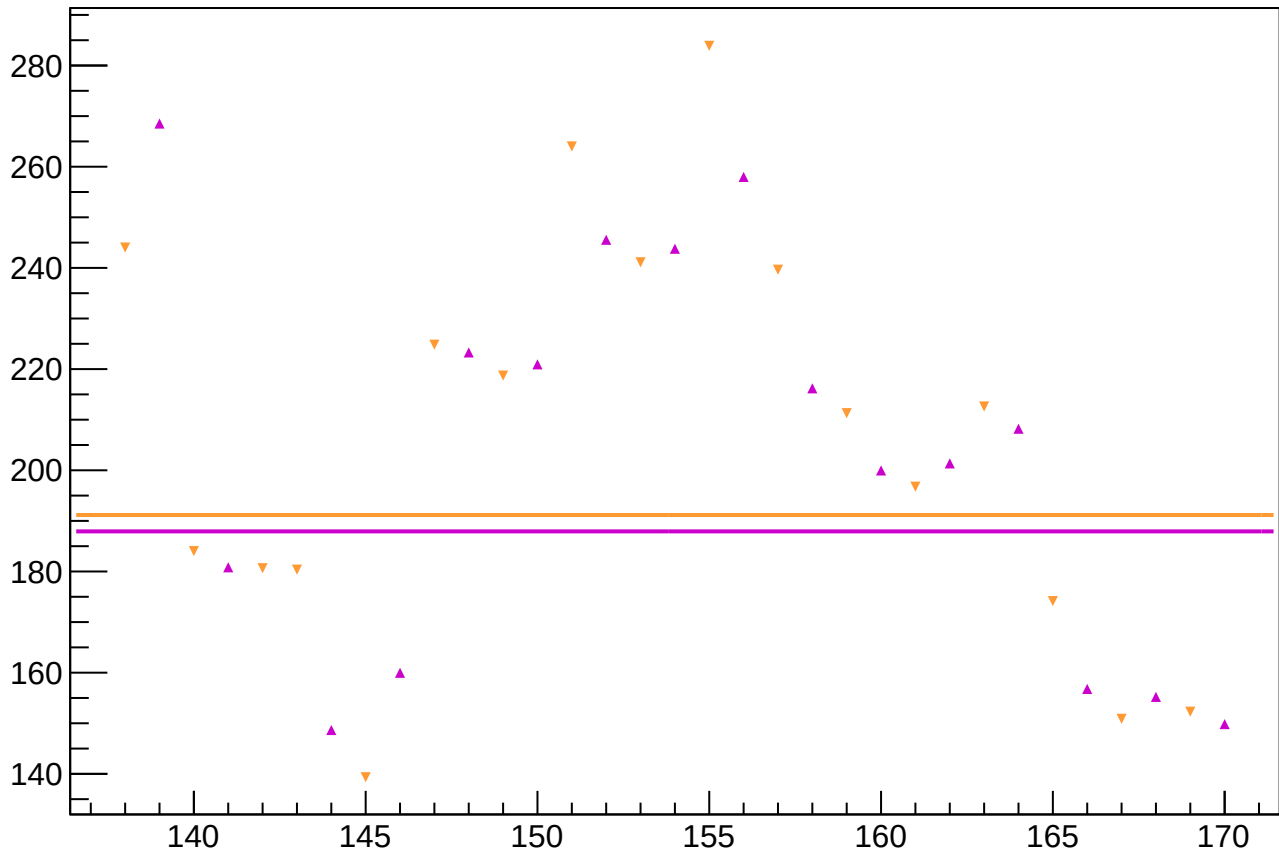
Left In: 45.022 $\pm$ 54.157 χ^2 /NDF:12.8/15

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

All: -139.401 $\pm$ 38.538 χ^2 /NDF: 71.9/32

- sign 0.000 $\pm$ 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: 191.163+/-0.039 χ^2/NDF :1024581.0/16

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

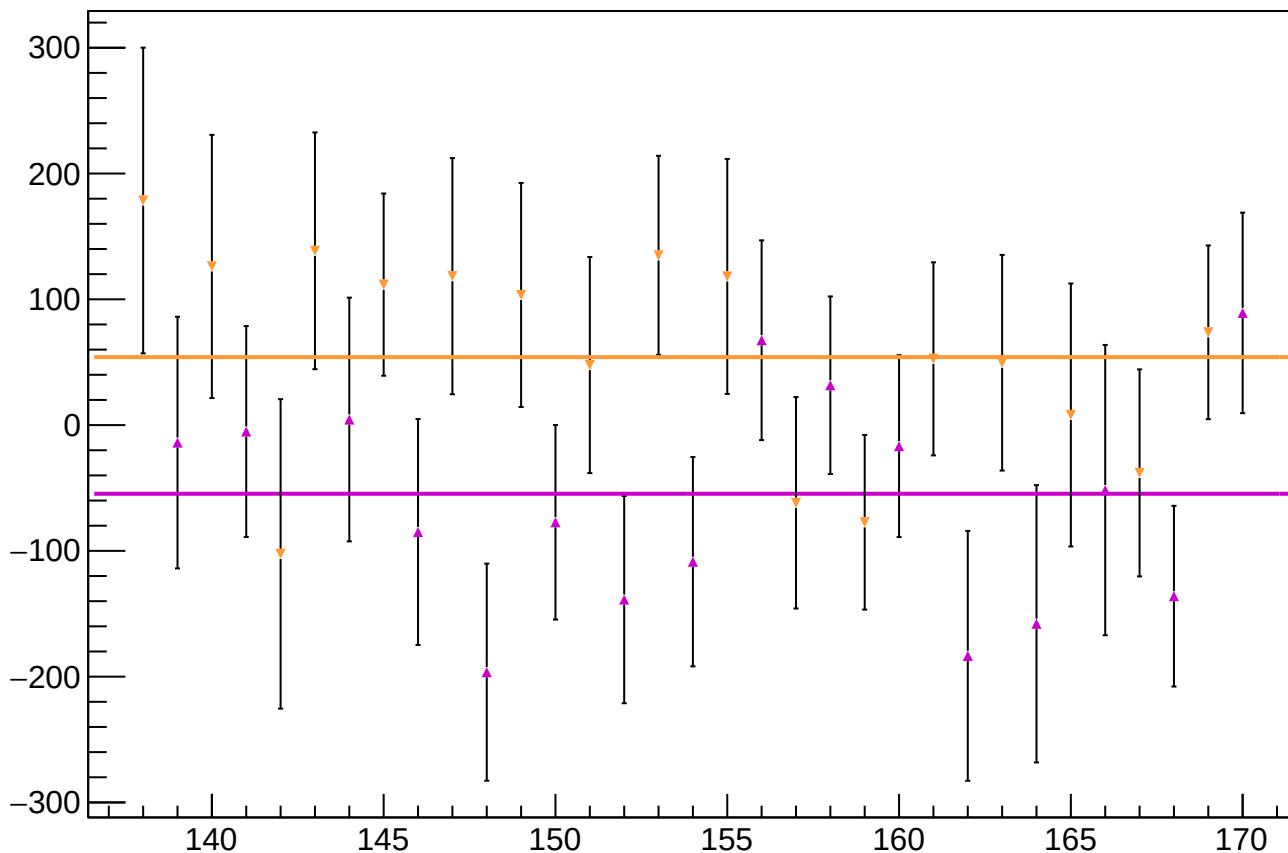
Left In: 187.925+/-0.038 χ^2/NDF :954252.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.524+/-0.027 χ^2/NDF : 1982362.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 54.050 $\pm$ 20.936 χ^2 /NDF:13.9/16

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

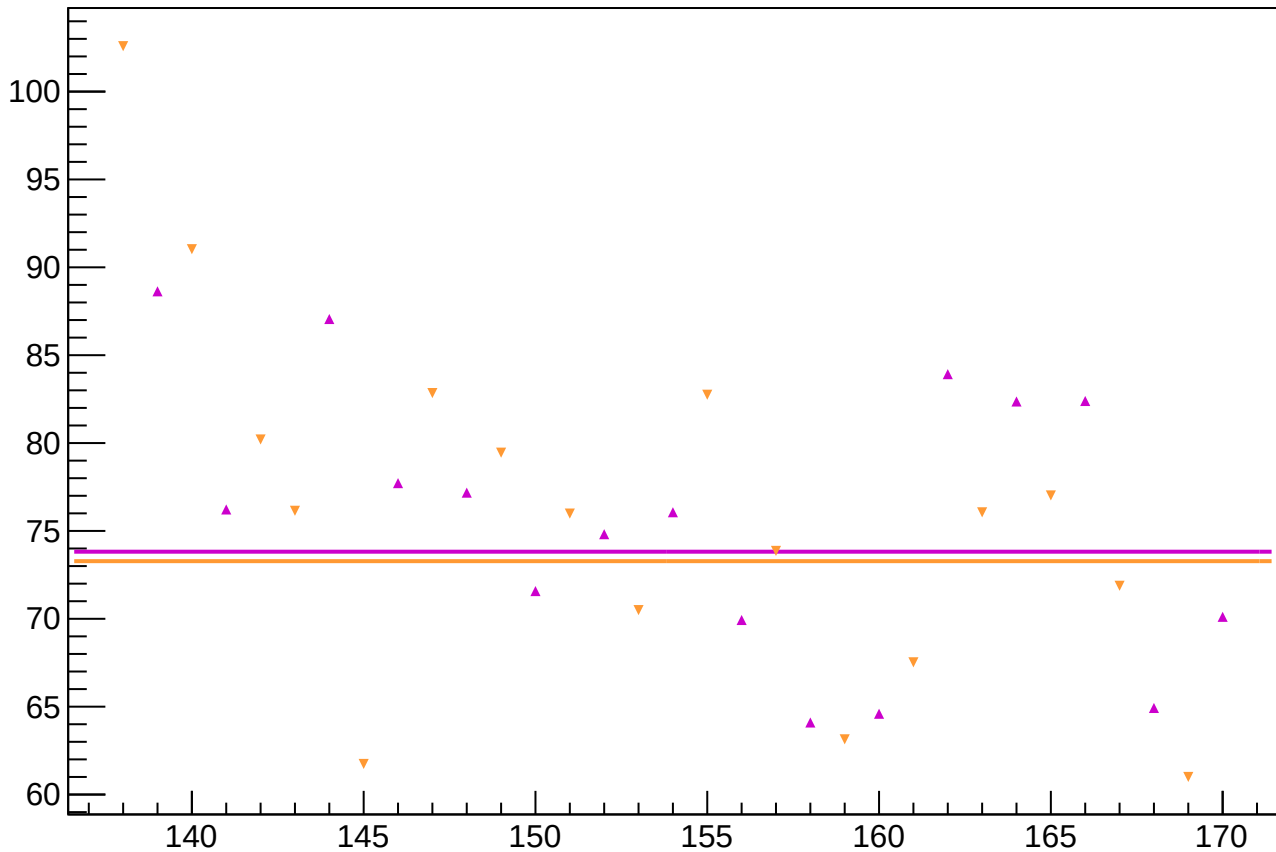
Left In: -54.581 $\pm$ 21.194 χ^2 /NDF:16.5/15

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

All: 0.400 $\pm$ 14.894 χ^2 /NDF: 43.7/32

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

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 73.279+/-0.015 χ^2/NDF : 410700.0/16

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

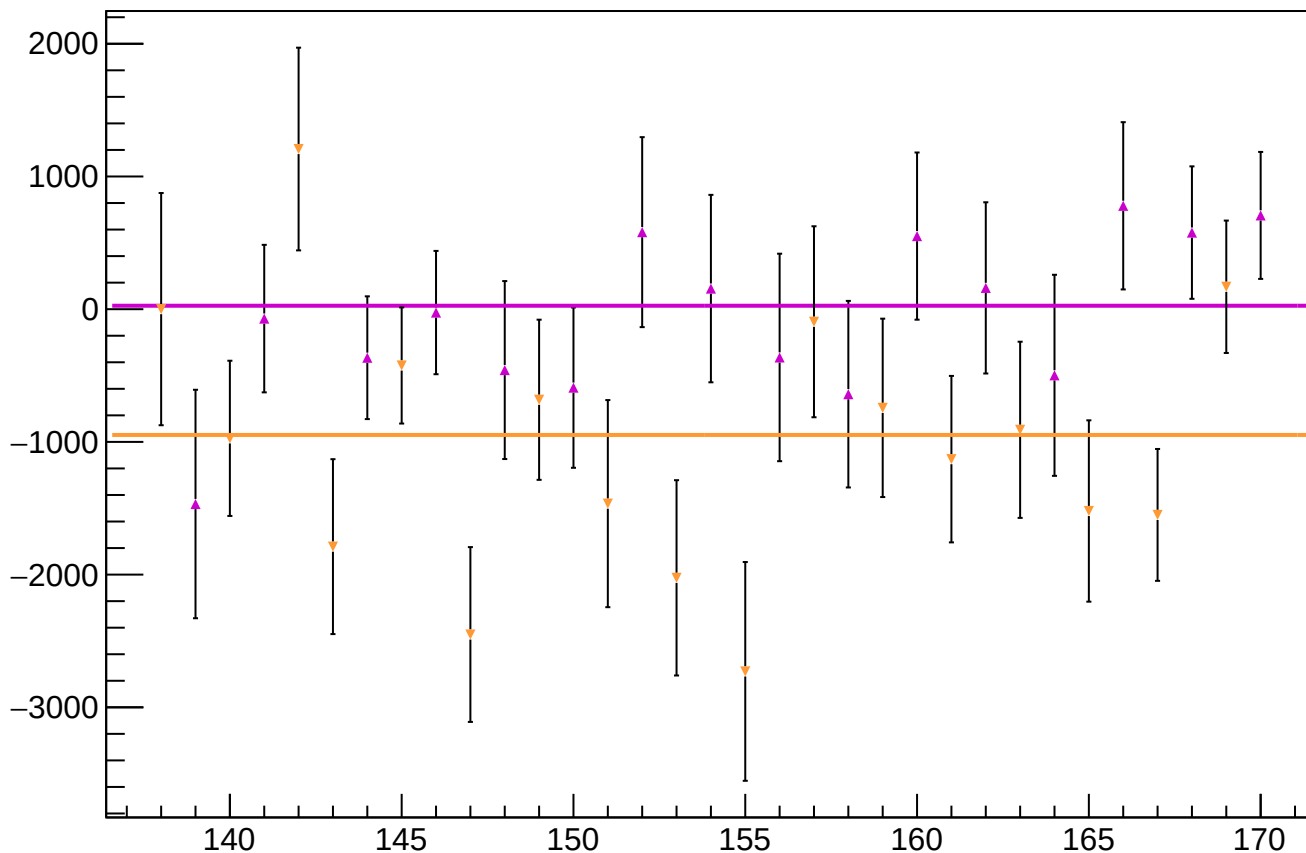
Left In: 73.818+/-0.015 χ^2/NDF : 247057.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.546+/-0.011 χ^2/NDF : 658411.9/32

- 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: -947.659+/-153.113 χ^2/NDF :33.6/16

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

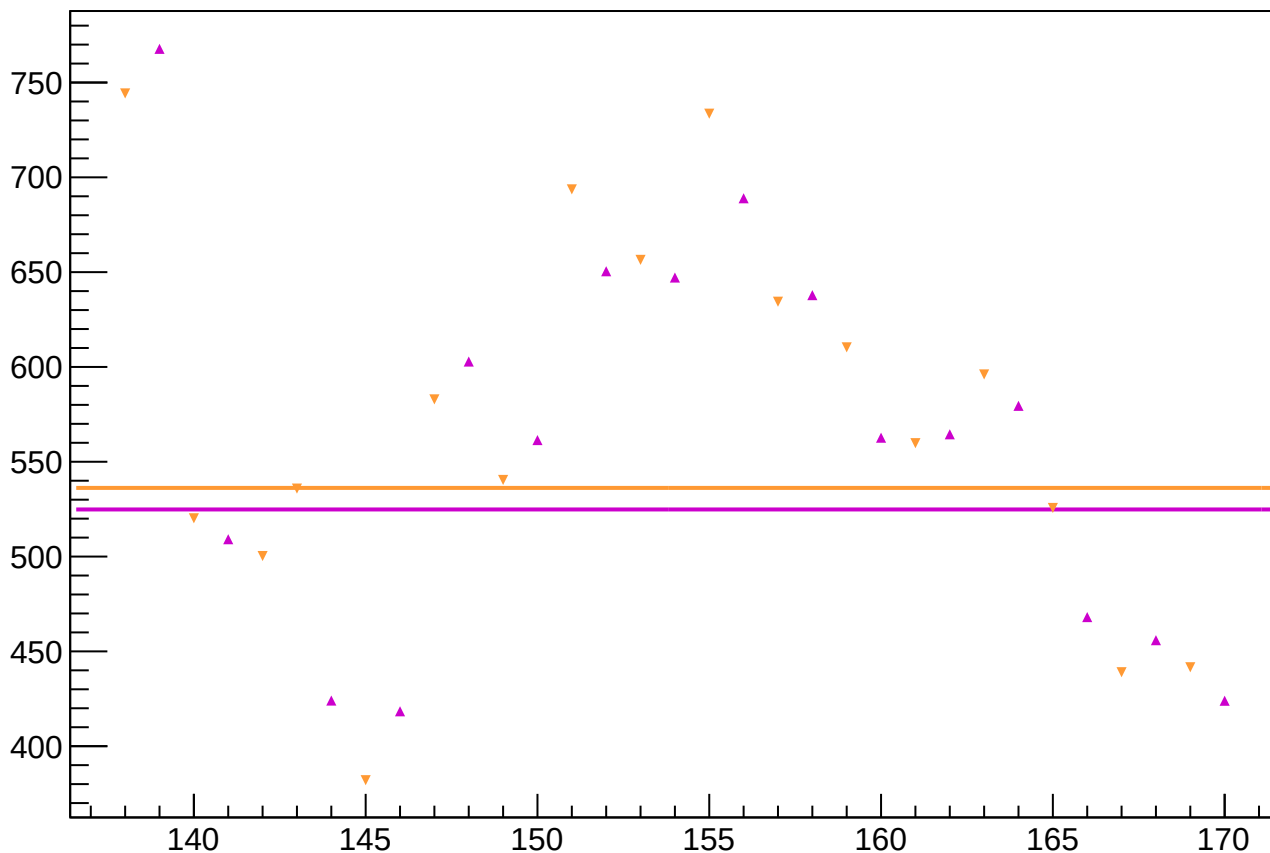
Left In: 26.077+/-150.676 χ^2/NDF :13.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -452.979+/-107.395 χ^2/NDF : 67.2/32

- 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: 536.214+/-0.108 χ^2/NDF : 856670.4/16

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

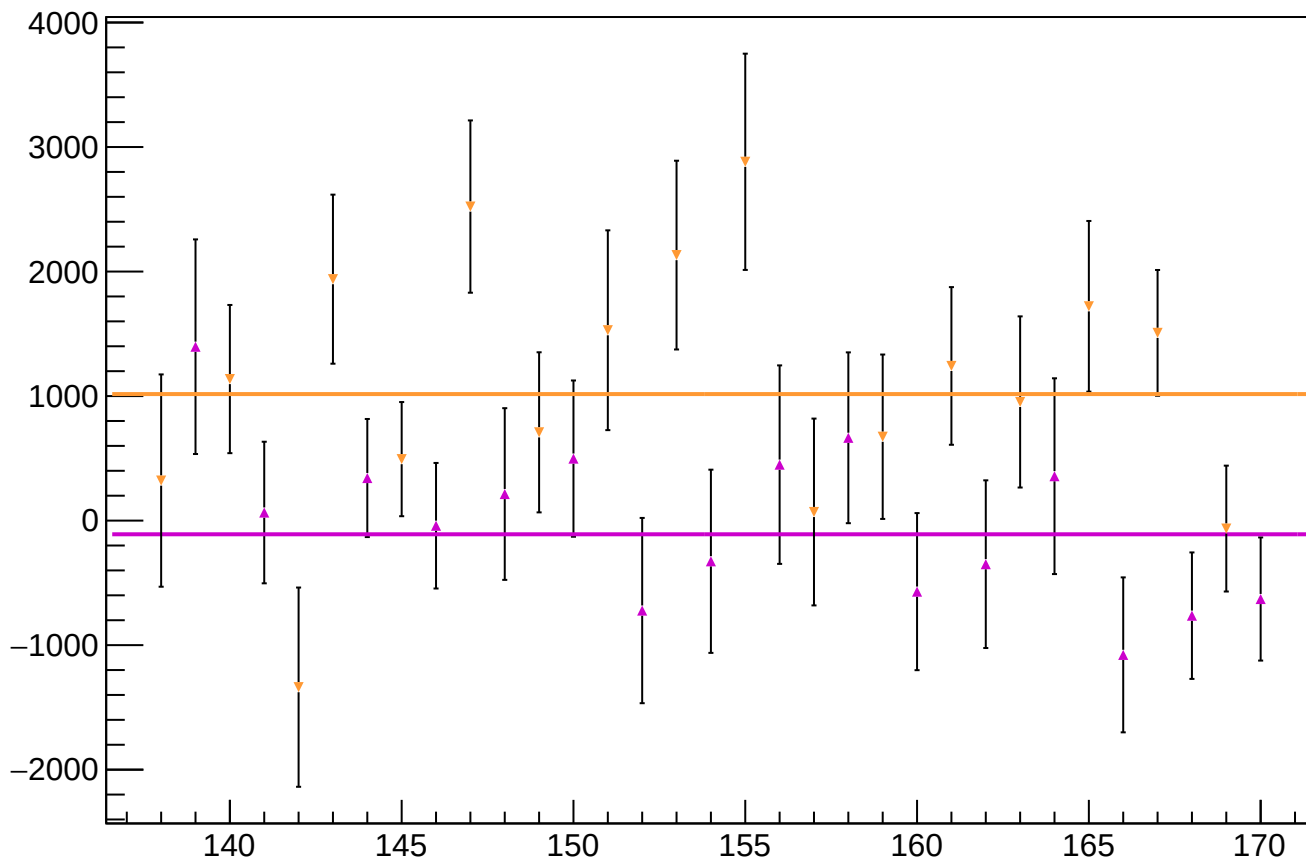
Left In: 524.843+/-0.107 χ^2/NDF : 825206.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.437+/-0.076 χ^2/NDF : 1687480.8/32

- 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: 1016.100+/-157.186 χ^2/NDF : 33.2/16

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

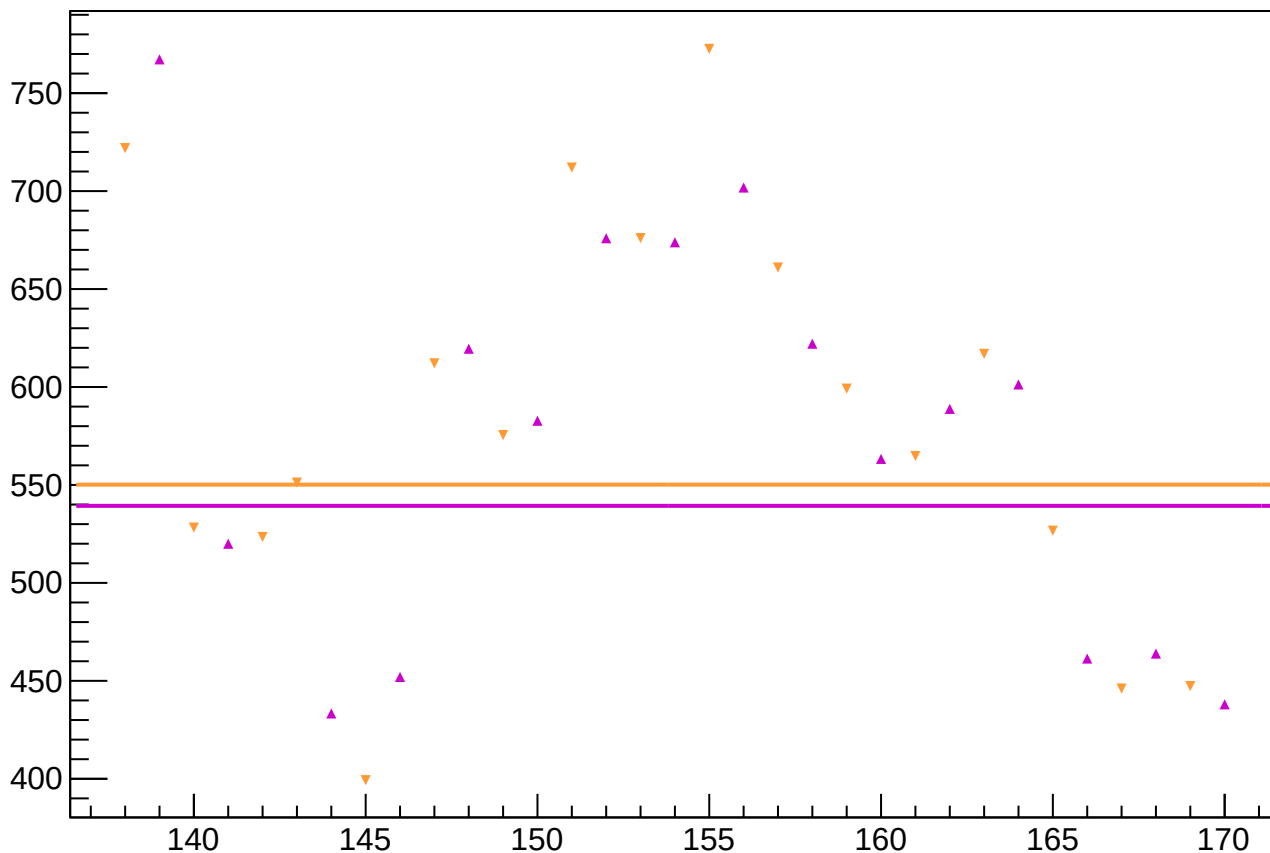
Left In: -109.813+/-154.837 χ^2/NDF : 14.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.670+/-110.307 χ^2/NDF : 73.2/32

- 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: 550.161+/-0.111 χ^2/NDF : 834496.0/16

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

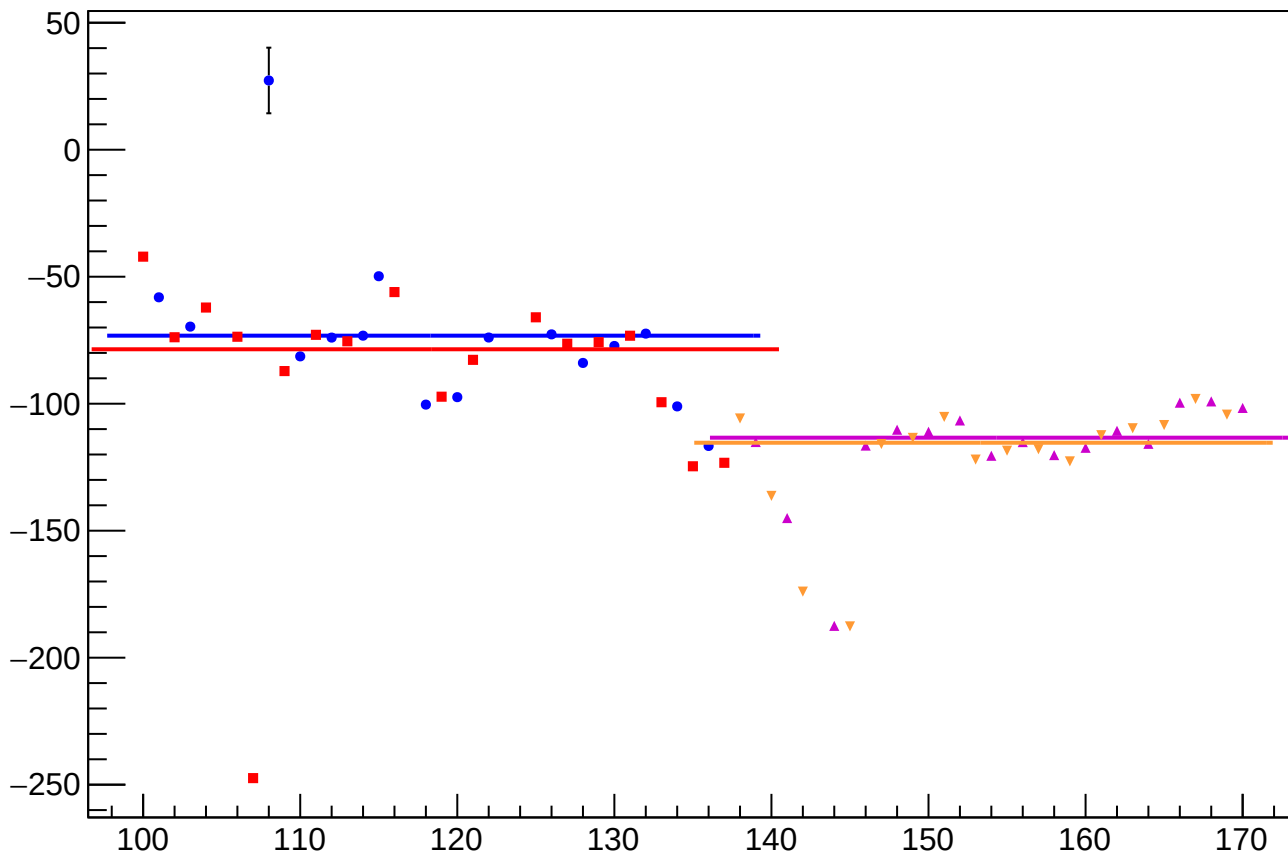
Left In: 539.332+/-0.109 χ^2/NDF : 771010.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.665+/-0.078 χ^2/NDF : 1610323.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -73.209 ± 0.000 $\chi^2/\text{NDF}: 127655.5/15$

Left Out: -115.369 ± 0.066 $\chi^2/\text{NDF}: 34219.4/15$

Right Out: -78.570 ± 0.093 $\chi^2/\text{NDF}: 52084.9/17$

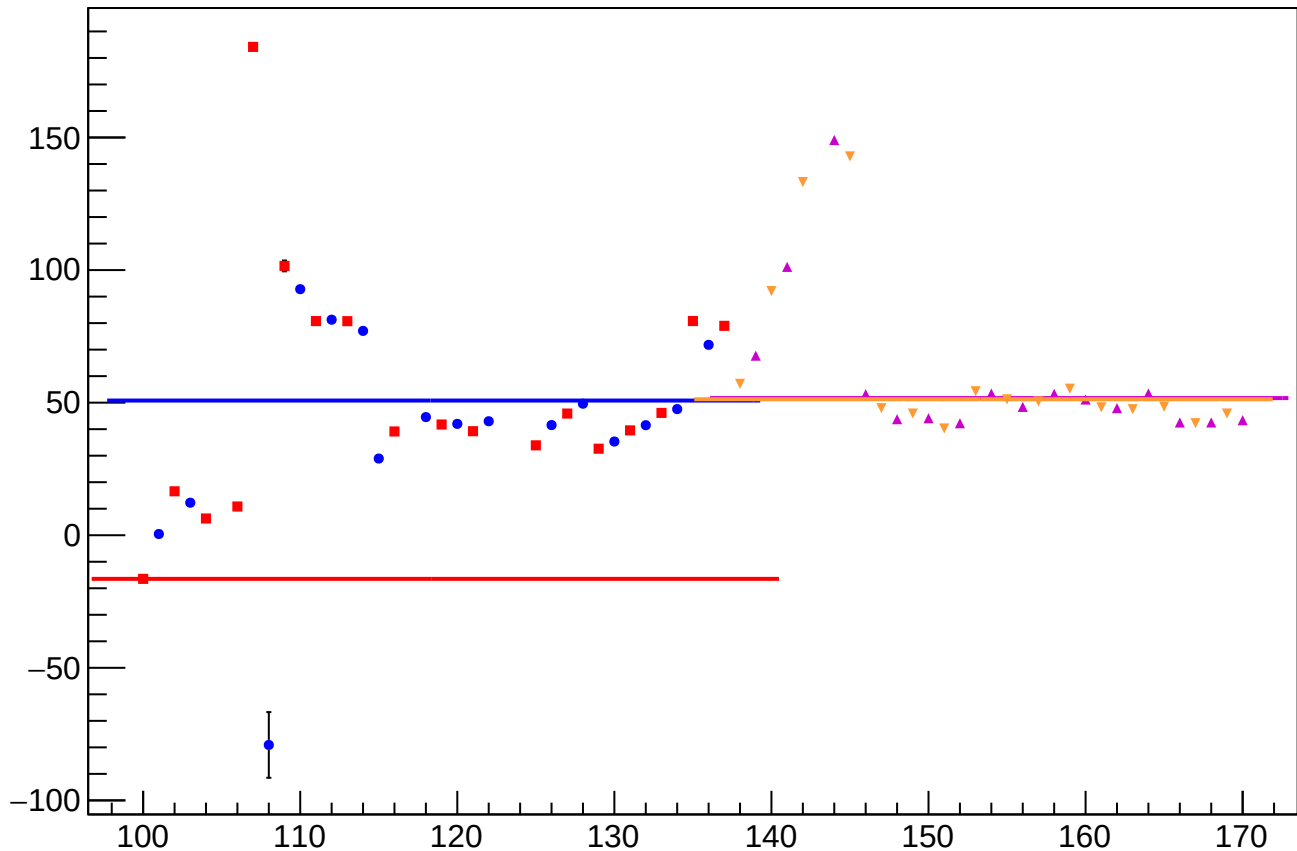
Left In: -113.379 ± 0.058 $\chi^2/\text{NDF}: 74495.4/15$

+ sign -73.209 ± 0.000 $\chi^2/\text{NDF}: 572183.7/31$

All: -73.209 ± 0.000 $\chi^2/\text{NDF}: 1181731.8/65$

- sign -103.621 ± 0.049 $\chi^2/\text{NDF}: 227549.0/33$

dit_usl_4eX_slope vs Slug



Right In: 50.796+/-0.074 χ^2/NDF : 89943.6/15

Left Out: 51.281+/-0.055 χ^2/NDF : 46297.3/15

Right Out: -16.452+/-0.000 χ^2/NDF : 455268.5/17

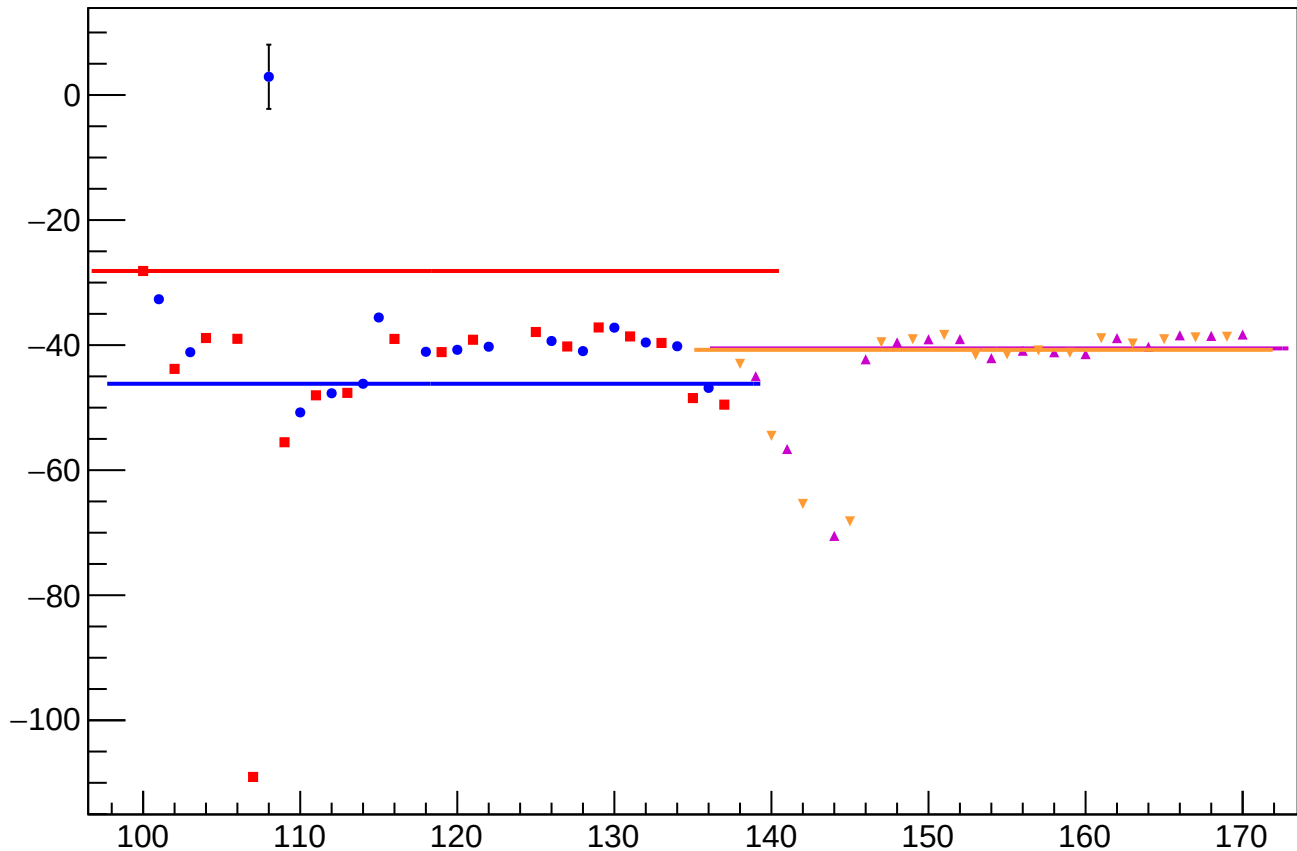
Left In: 51.724+/-0.050 χ^2/NDF : 126829.0/15

+ sign 51.111+/-0.044 χ^2/NDF : 136268.5/31

All: -16.452+/-0.000 χ^2/NDF : 4942799.5/65

- sign -16.452+/-0.000 χ^2/NDF : 2445509.9/33

dit_usl_11X12X_slope vs Slug



Right In: -46.180 ± 0.000 χ^2/NDF : 472878.7/15

Left Out: -40.756 ± 0.008 χ^2/NDF : 88383.7/15

Right Out: -28.144 ± 0.000 χ^2/NDF : 717935.6/17

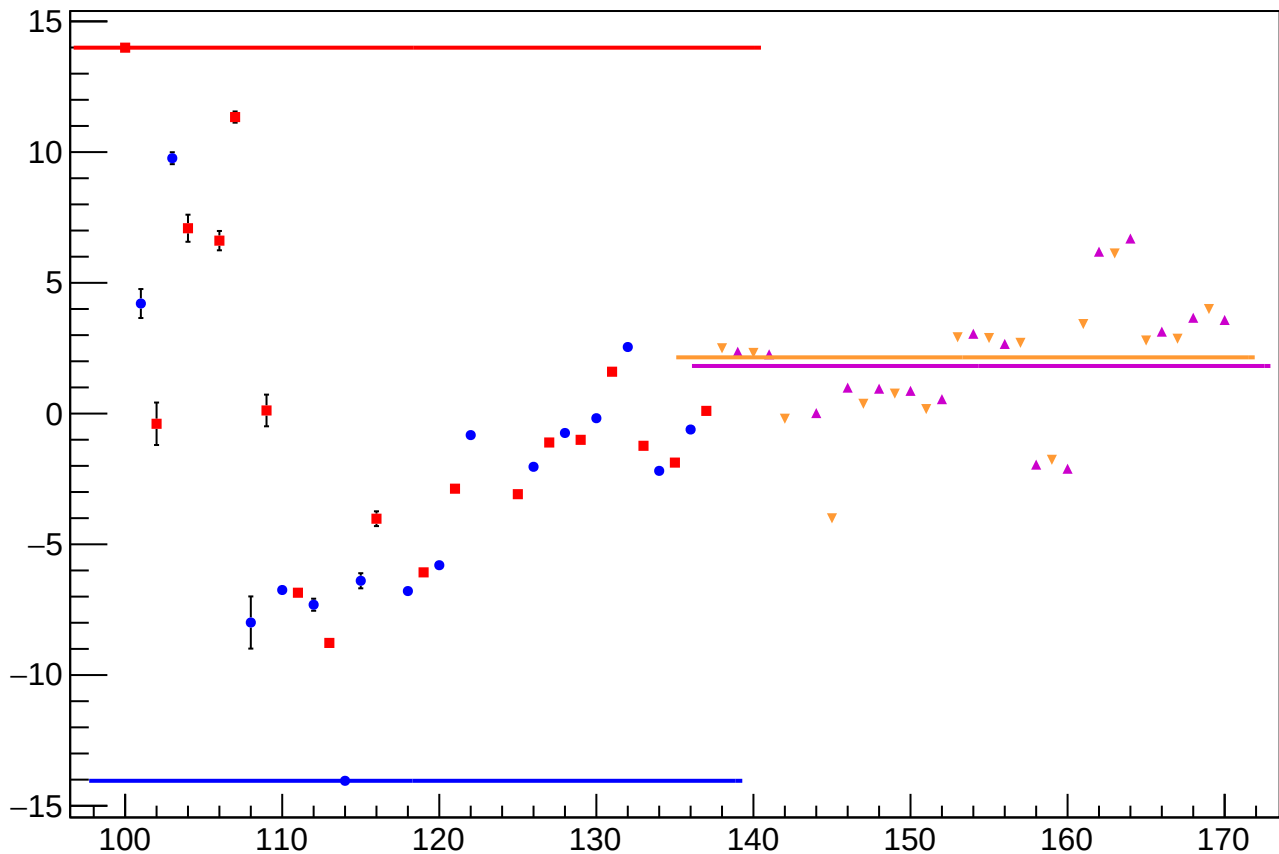
Left In: -40.525 ± 0.009 χ^2/NDF : 165344.0/15

+ sign -46.180 ± 0.000 χ^2/NDF : 1049281.9/31

All: -33.813 ± 0.000 χ^2/NDF : 539977182263

- sign -28.144 ± 0.000 χ^2/NDF : 2981184.8/33

dit_usl_4aY_slope vs Slug



Right In: -14.044 ± 0.000 $\chi^2/\text{NDF}: 759846.3/15$

Left Out: 2.151 ± 0.009 $\chi^2/\text{NDF}: 71918.1/15$

Right Out: 13.994 ± 0.000 $\chi^2/\text{NDF}: 389892.9/17$

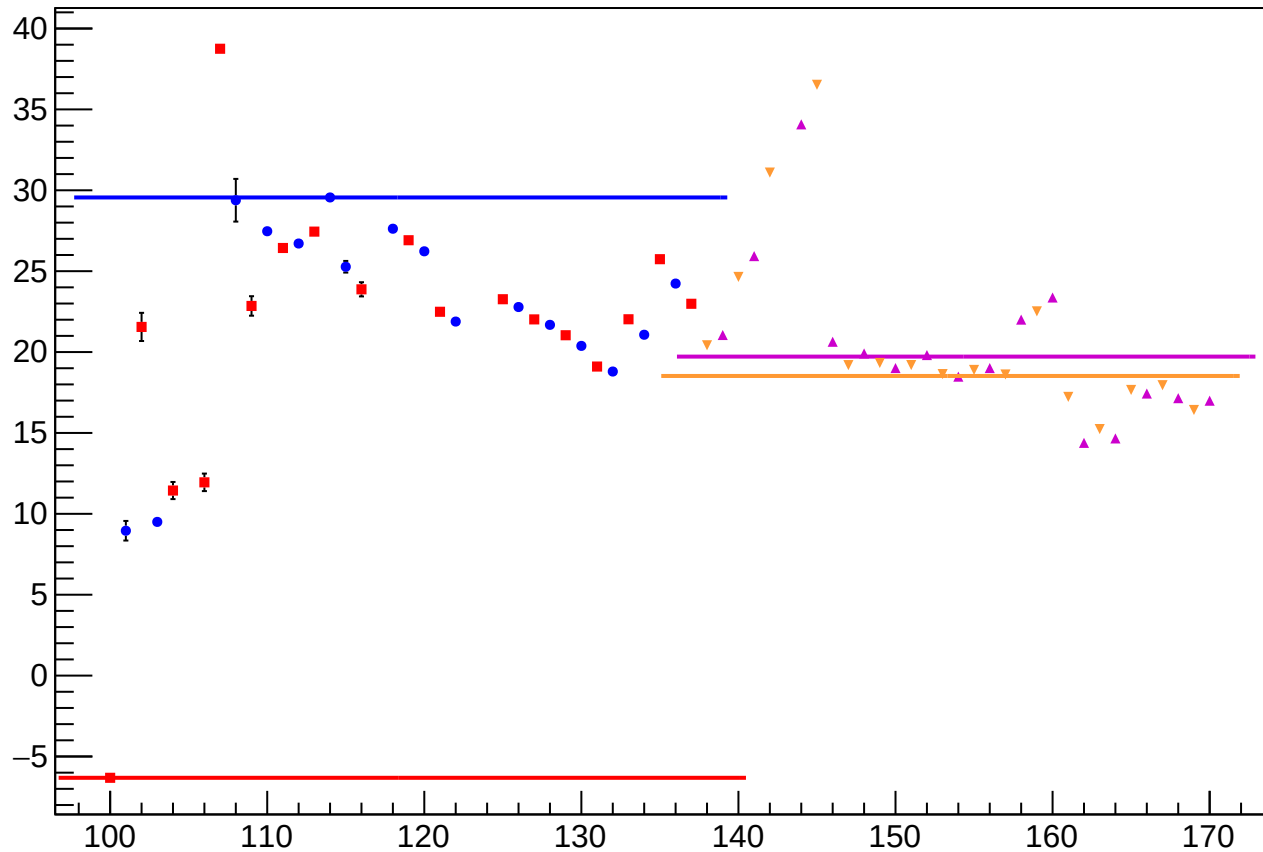
Left In: 1.820 ± 0.008 $\chi^2/\text{NDF}: 84088.0/15$

+ sign -14.044 ± 0.000 $\chi^2/\text{NDF}: 4339035.7/31$

All: 5.182 ± 0.000 $\chi^2/\text{NDF}: 4697963324518$

- sign 13.994 ± 0.000 $\chi^2/\text{NDF}: 2834192.7/33$

dit_usl_4eY_slope vs Slug



Right In: 29.557 $\pm$ 0.000 χ^2 /NDF: 88755.1/15

Left Out: 18.522 $\pm$ 0.009 χ^2 /NDF: 60370.4/15

Right Out: -6.317 $\pm$ 0.000 χ^2 /NDF: 1630502.4/17

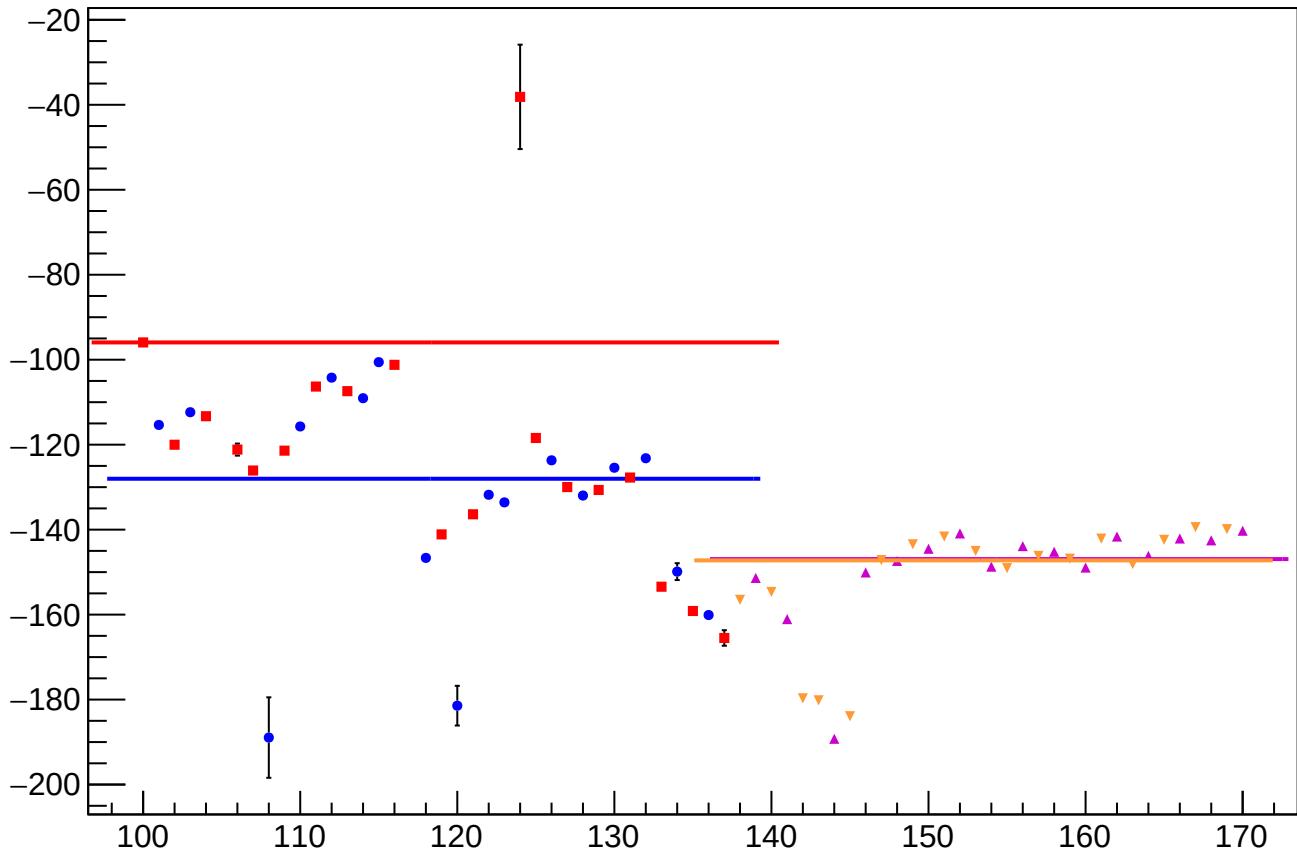
Left In: 19.719 $\pm$ 0.008 χ^2 /NDF: 98839.1/15

+ sign 29.557 $\pm$ 0.000 χ^2 /NDF: 1764382.8/31

All: -2.629 $\pm$ 0.000 χ^2 /NDF: 1006300357398

- sign -6.317 $\pm$ 0.000 χ^2 /NDF: 11959775.3/33

dit_usr_4aX_slope vs Slug



Right In: -128.021 ± 0.098 χ^2/NDF : 38162.5/16

Left Out: -147.234 ± 0.054 χ^2/NDF : 33736.4/16

Right Out: -95.934 ± 0.000 χ^2/NDF : 168284.2/18

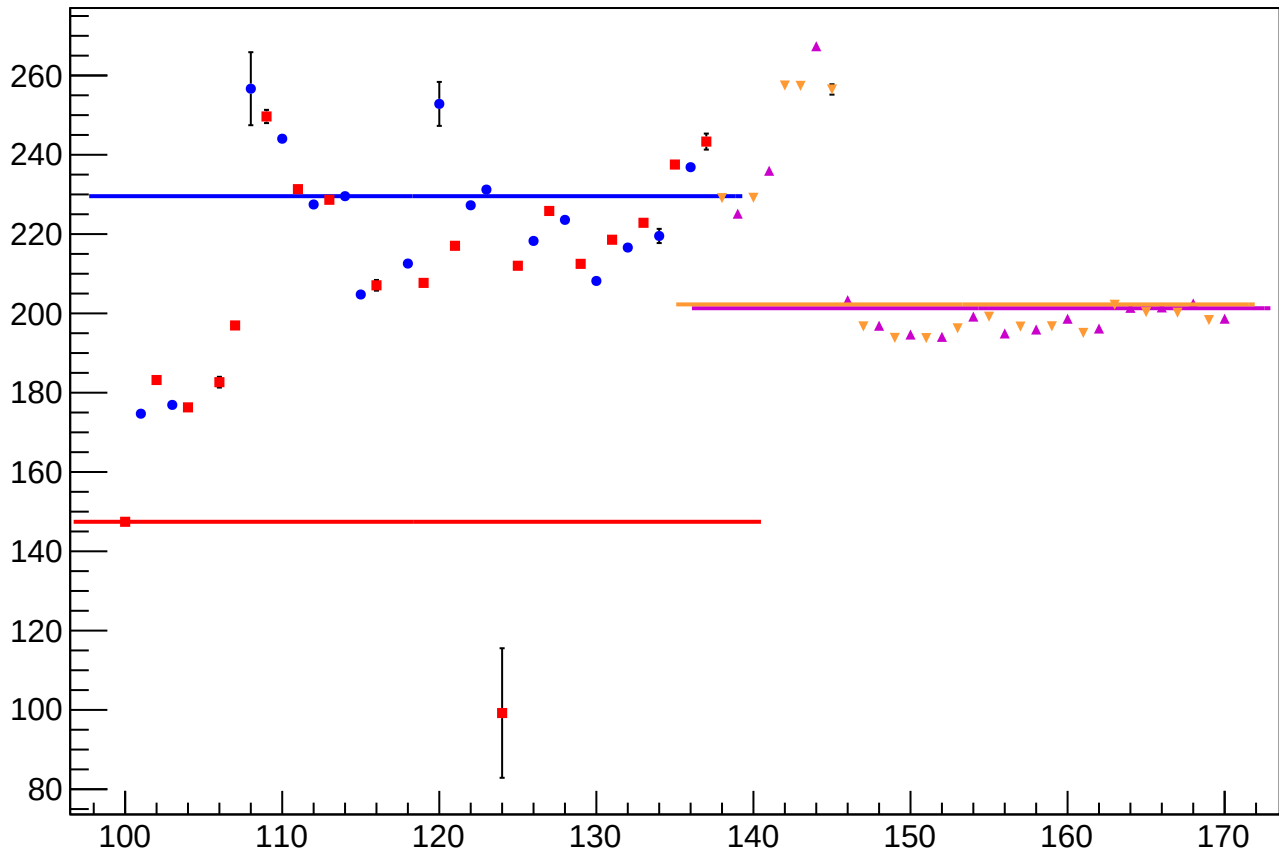
Left In: -146.926 ± 0.054 χ^2/NDF : 23941.6/15

+ sign -142.838 ± 0.047 χ^2/NDF : 101370.7/33

All: -95.934 ± 0.000 χ^2/NDF : 2185239.8/68

- sign -95.934 ± 0.000 χ^2/NDF : 1088439.5/34

dit_usr_4eX_slope vs Slug



Right In: 229.560 $\pm$ 0.000 χ^2 /NDF: 37813.1/16

Left Out: 202.266 $\pm$ 0.046 χ^2 /NDF:104191.2/16

Right Out: 147.445 $\pm$ 0.000 χ^2 /NDF: 546753.3/18

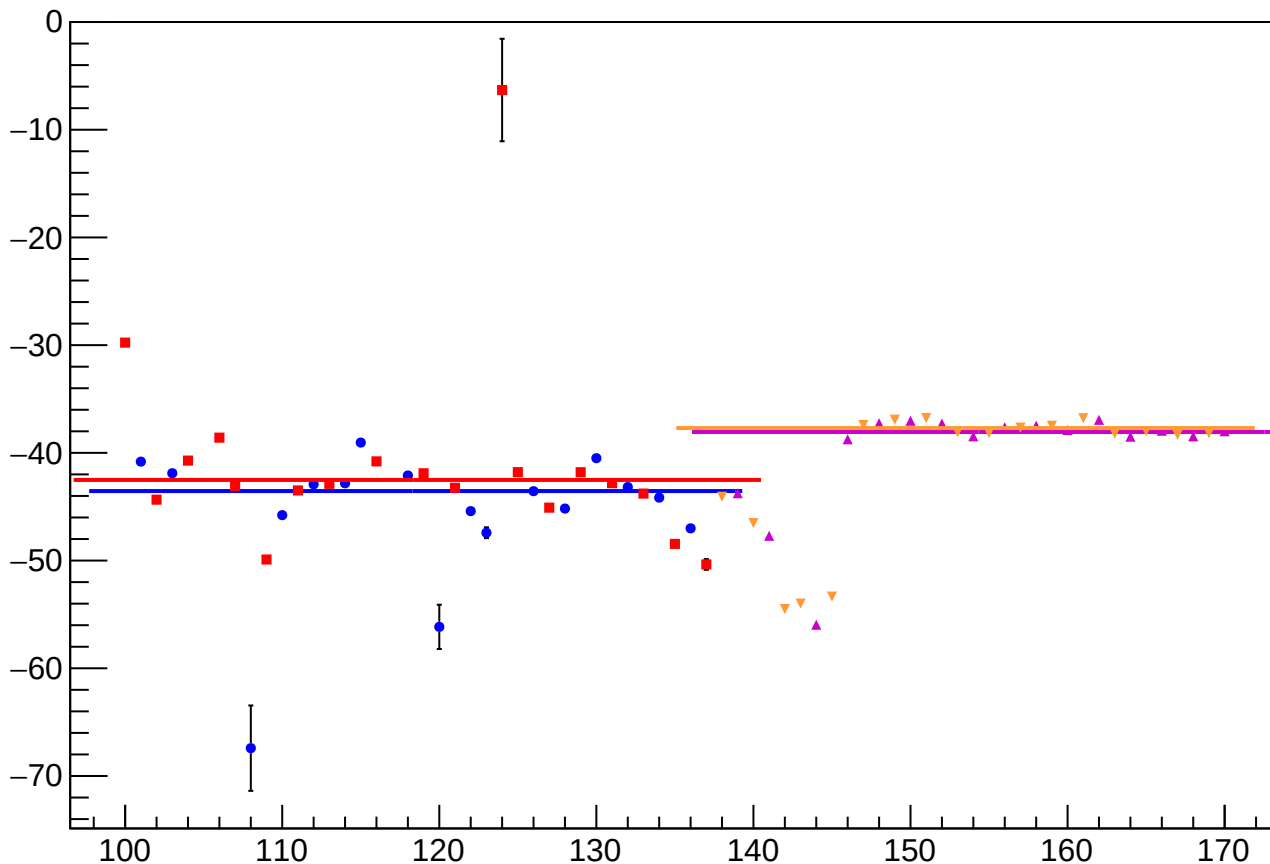
Left In: 201.300 $\pm$ 0.046 χ^2 /NDF:76341.1/15

+ sign 229.560 $\pm$ 0.000 χ^2 /NDF: 500107.8/33

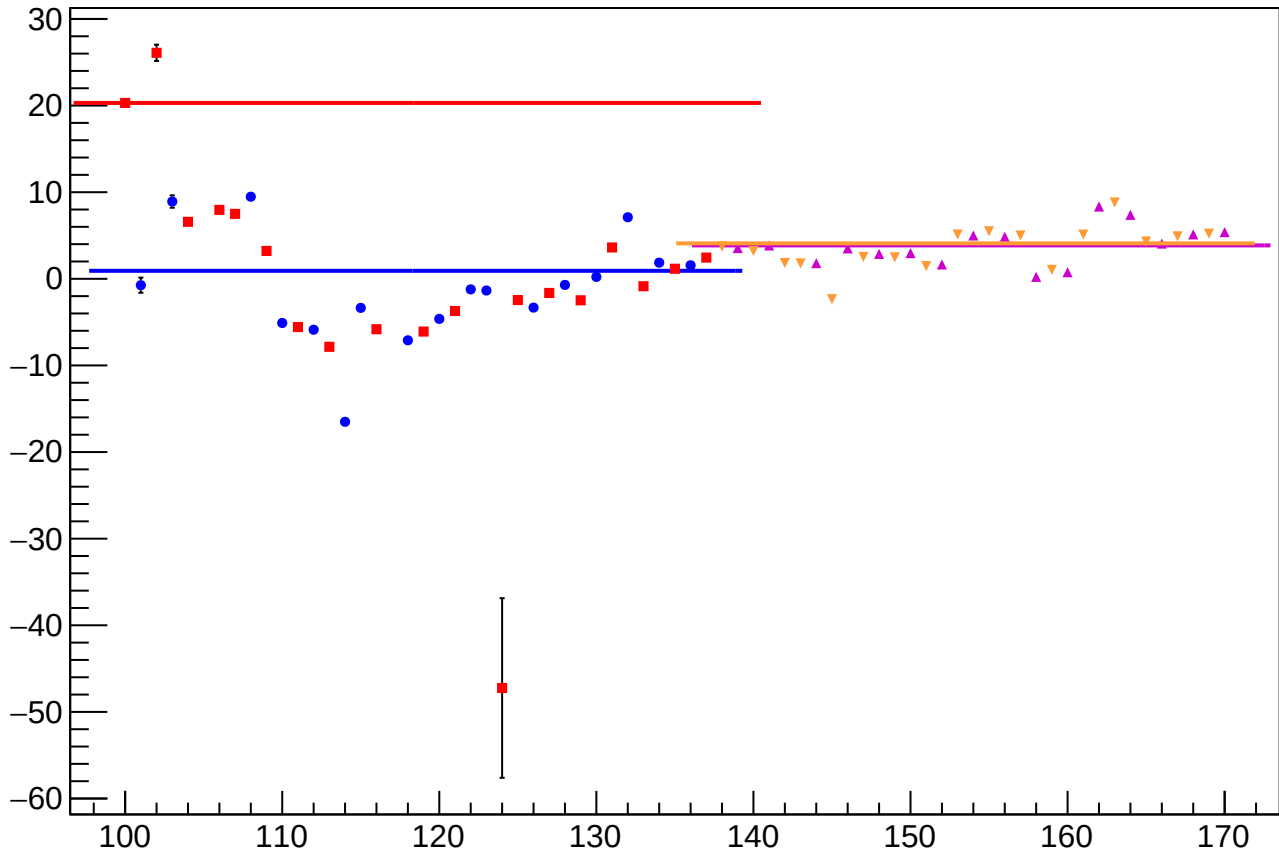
All: 173.253 $\pm$ 0.000 χ^2 /NDF: 157405034293

- sign 147.445 $\pm$ 0.000 χ^2 /NDF: 1991190.8/34

dit_usr_11X12X_slope vs Slug



dit_usr_4aY_slope vs Slug



Right In: 0.923 ± 0.020 χ^2/NDF : 21353.5/16

Left Out: 4.092 ± 0.007 χ^2/NDF : 87350.9/16

Right Out: 20.304 ± 0.000 χ^2/NDF : 918407.4/18

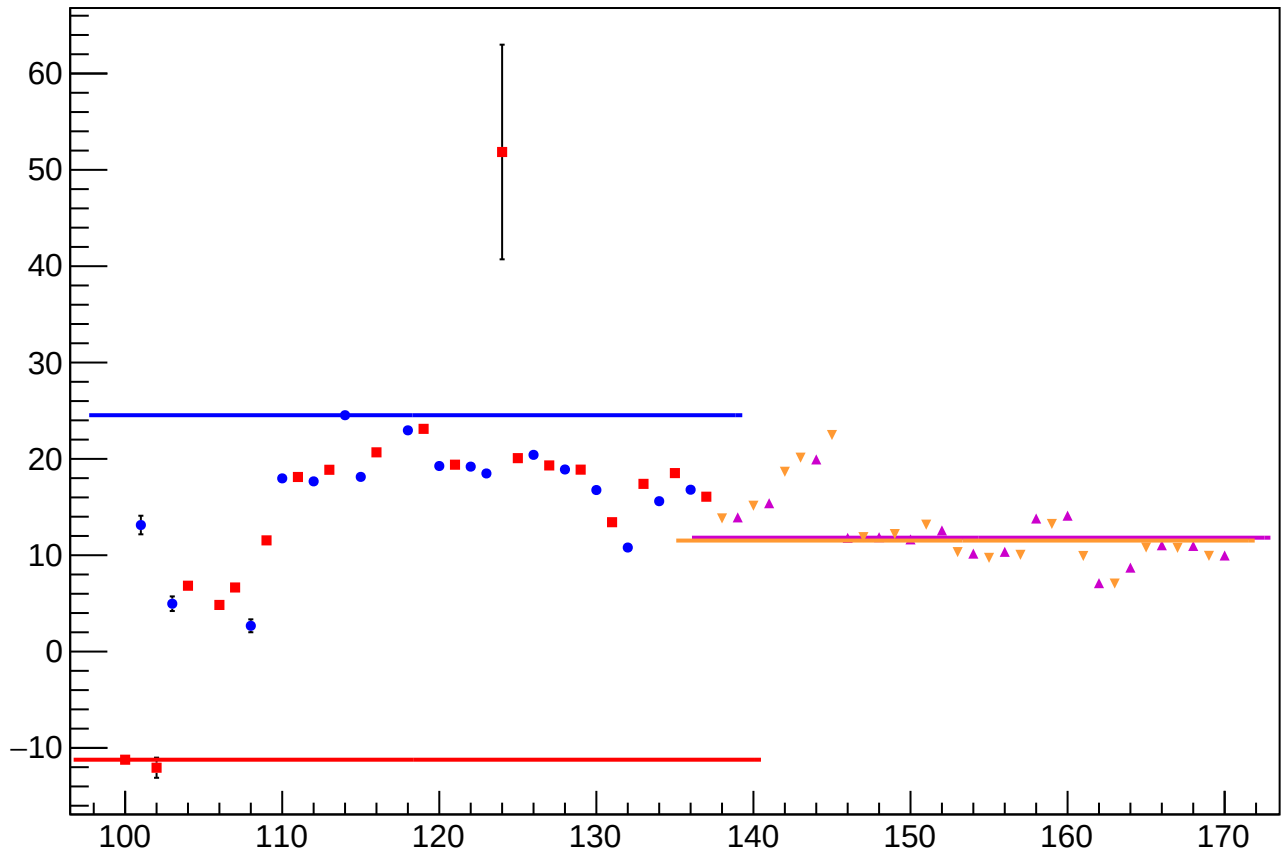
Left In: 3.858 ± 0.008 χ^2/NDF : 67095.9/15

+ sign 3.784 ± 0.006 χ^2/NDF : 130922.4/33

All: 20.304 ± 0.000 χ^2/NDF : 12415999.2/68

- sign 20.304 ± 0.000 χ^2/NDF : 5400392.9/34

dit_usr_4eY_slope vs Slug



Right In: 24.533+/-0.000 χ^2/NDF : 119839.5/16

Left Out: 11.522+/-0.009 χ^2/NDF : 89141.3/16

Right Out: -11.224+/-0.000 χ^2/NDF : 2204048.4/18

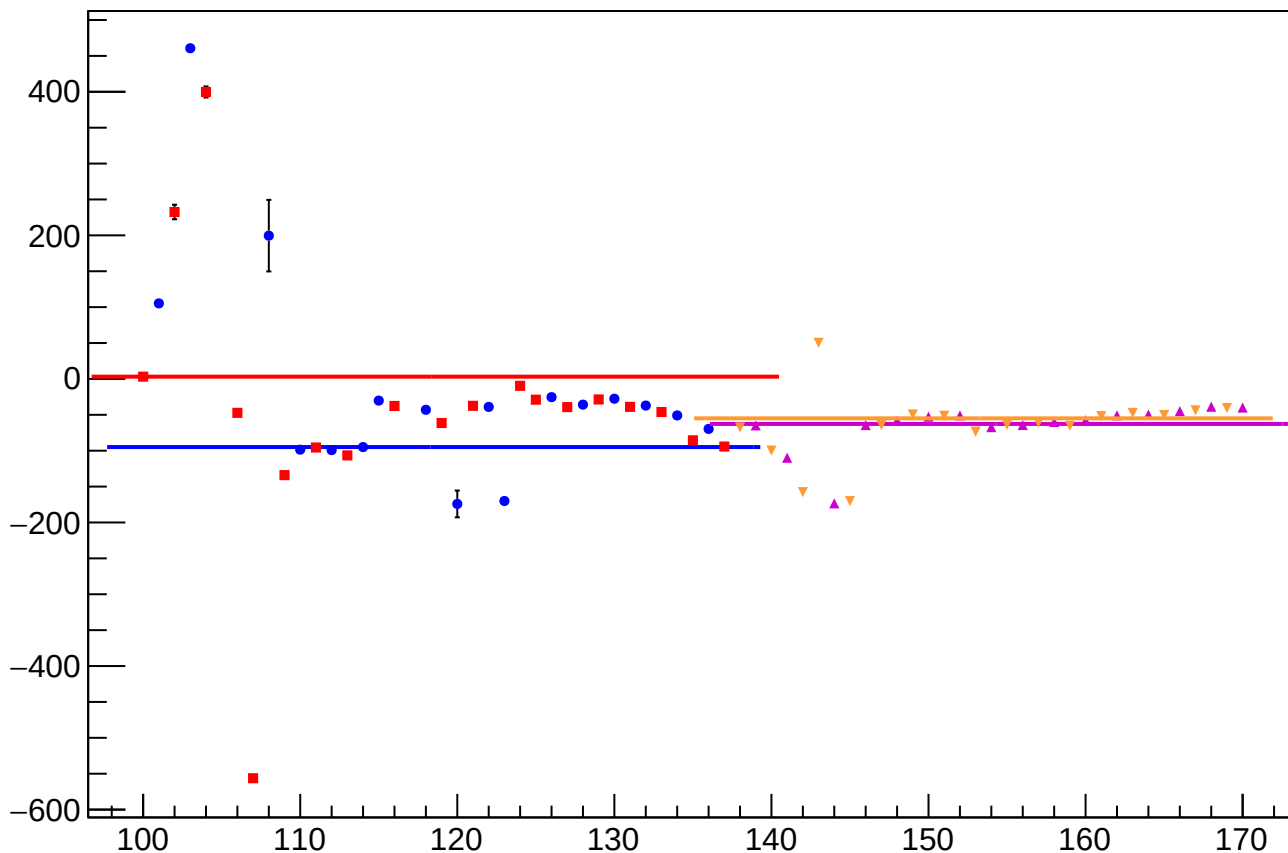
Left In: 11.820+/-0.010 χ^2/NDF : 48533.7/15

+ sign 24.533+/-0.000 χ^2/NDF : 2430403.2/33

All: -7.548+/-0.000 χ^2/NDF : 2499340702901

- sign -11.224+/-0.000 χ^2/NDF : 7849847.7/34

dit_atl1_4aX_slope vs Slug



Right In: -94.927 $\pm$ 0.000 χ^2 /NDF: 718777.6/16

Left Out: -54.908 $\pm$ 0.101 χ^2 /NDF: 48677.5/16

Right Out: 3.148 $\pm$ 0.000 χ^2 /NDF: 61196784.3/18

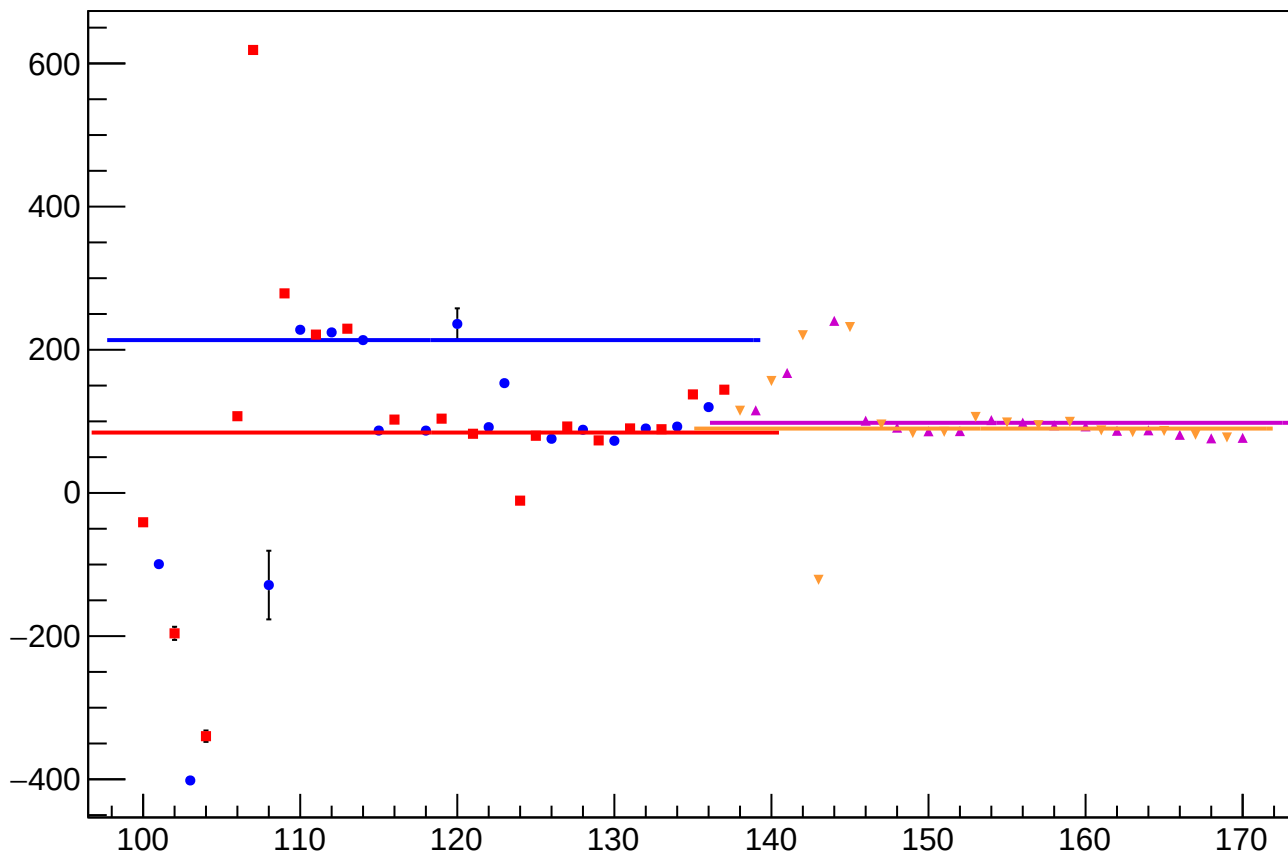
Left In: -62.719 $\pm$ 0.128 χ^2 /NDF: 45418.4/15

+ sign -94.927 $\pm$ 0.000 χ^2 /NDF: 923179.3/33

All: 2.973 $\pm$ 0.000 χ^2 /NDF: 52299232074263

- sign 3.148 $\pm$ 0.000 χ^2 /NDF: 61505096.6/34

dit_atl1_4eX_slope vs Slug



Right In: 213.523 ± 0.000 χ^2/NDF : 2690617.8/16

Left Out: 89.927 ± 0.089 χ^2/NDF : 155125.8/16

Right Out: 84.377 ± 0.176 χ^2/NDF : 227868.3/18

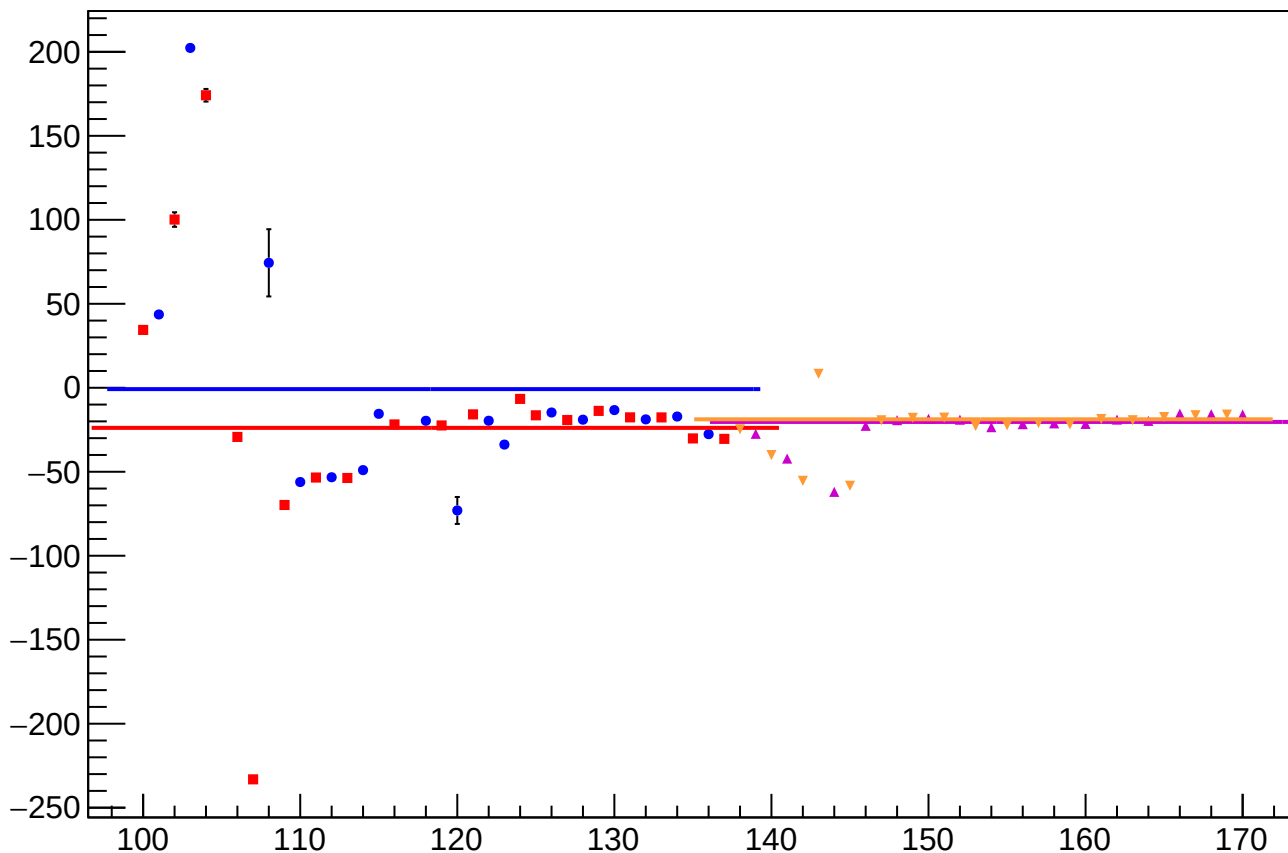
Left In: 97.978 ± 0.111 χ^2/NDF : 67166.9/15

+ sign 213.523 ± 0.000 χ^2/NDF : 4777863.7/33

All: 213.523 ± 0.000 χ^2/NDF : 6696826.1/68

- sign 94.124 ± 0.094 χ^2/NDF : 299302.9/34

dit_atl1_11X12X_slope vs Slug



Right In: -0.799 ± 0.031 χ^2/NDF : 2816818.1/16

Left Out: -18.766 ± 0.012 χ^2/NDF : 572267.4/16

Right Out: -23.861 ± 0.044 χ^2/NDF : 200002.4/18

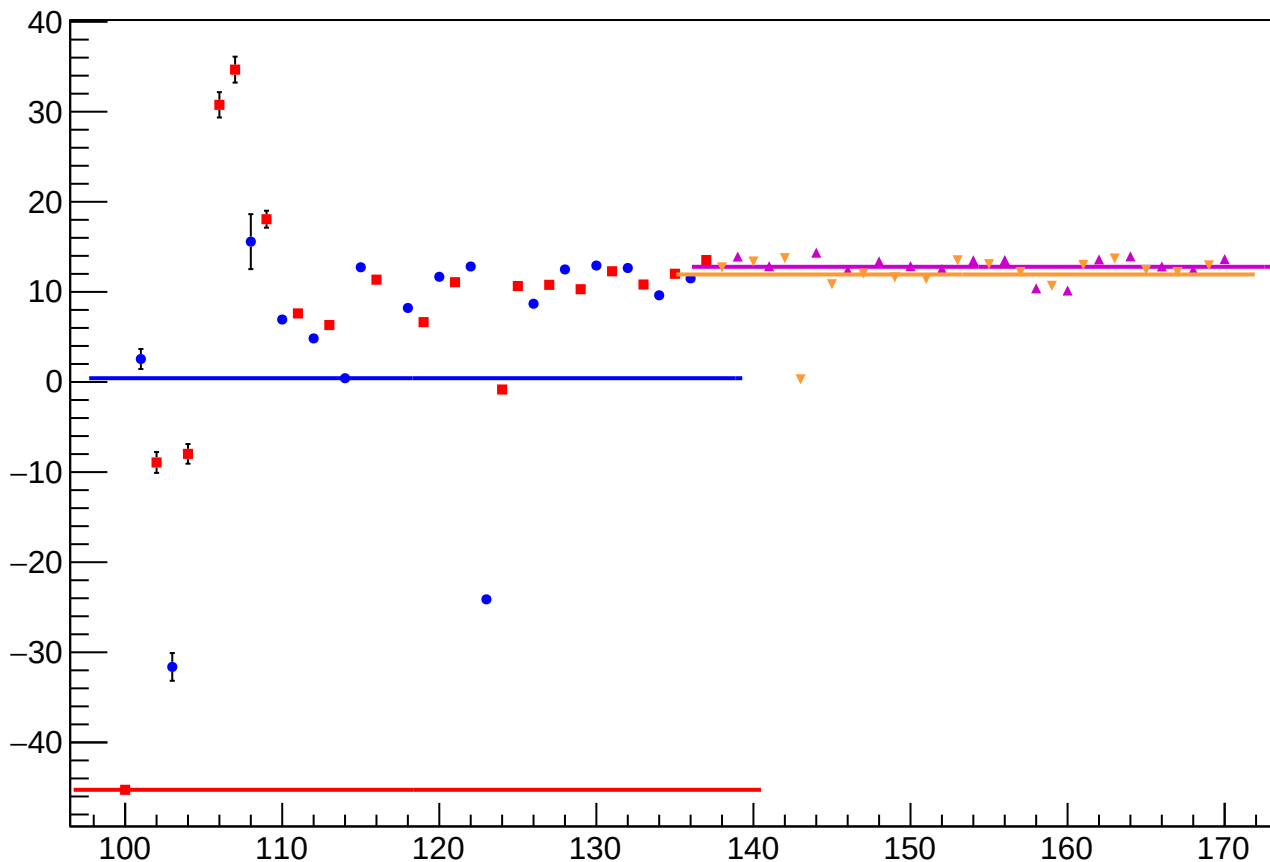
Left In: -20.337 ± 0.015 χ^2/NDF : 148715.5/15

+ sign -16.437 ± 0.011 χ^2/NDF : 3675038.1/33

All: -18.088 ± 0.009 χ^2/NDF : 4085021.9/68

- sign -20.713 ± 0.014 χ^2/NDF : 354561.5/34

dit_atl1_4aY_slope vs Slug



Right In: 0.420 ± 0.000 χ^2/NDF : 84744.6/16

Left Out: 11.934 ± 0.017 χ^2/NDF : 26979.2/16

Right Out: -45.259 ± 0.000 χ^2/NDF : 1298633.3/18

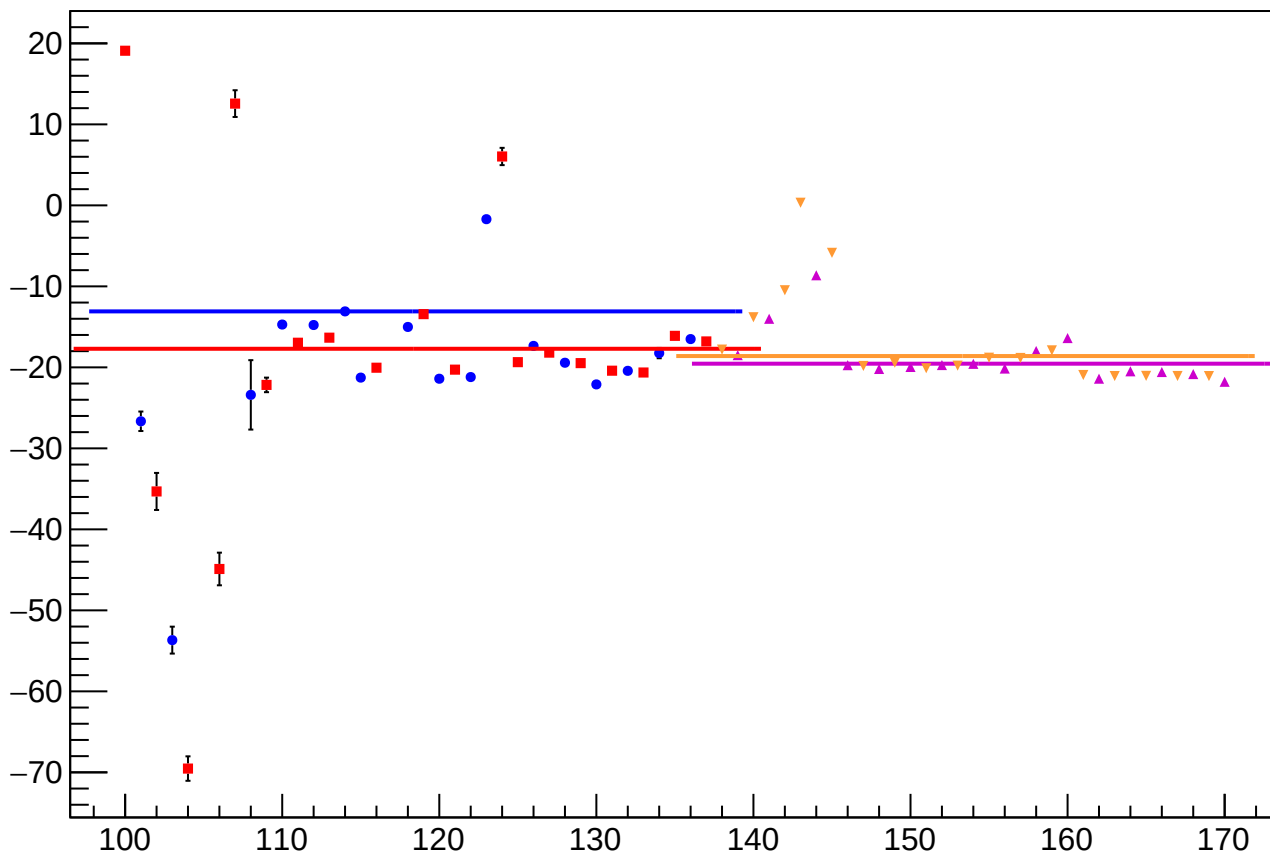
Left In: 12.786 ± 0.014 χ^2/NDF : 5432.8/15

+ sign 0.420 ± 0.000 χ^2/NDF : 593766.6/33

All: 0.419 ± 0.000 χ^2/NDF : 24797052003265

- sign -45.259 ± 0.000 χ^2/NDF : 18593636.4/34

dit_atl1_4eY_slope vs Slug



Right In: -13.090 ± 0.000 χ^2/NDF : 30071.6/16

Left Out: -18.604 ± 0.019 χ^2/NDF : 47596.1/16

Right Out: -17.705 ± 0.048 χ^2/NDF : 14635.4/18

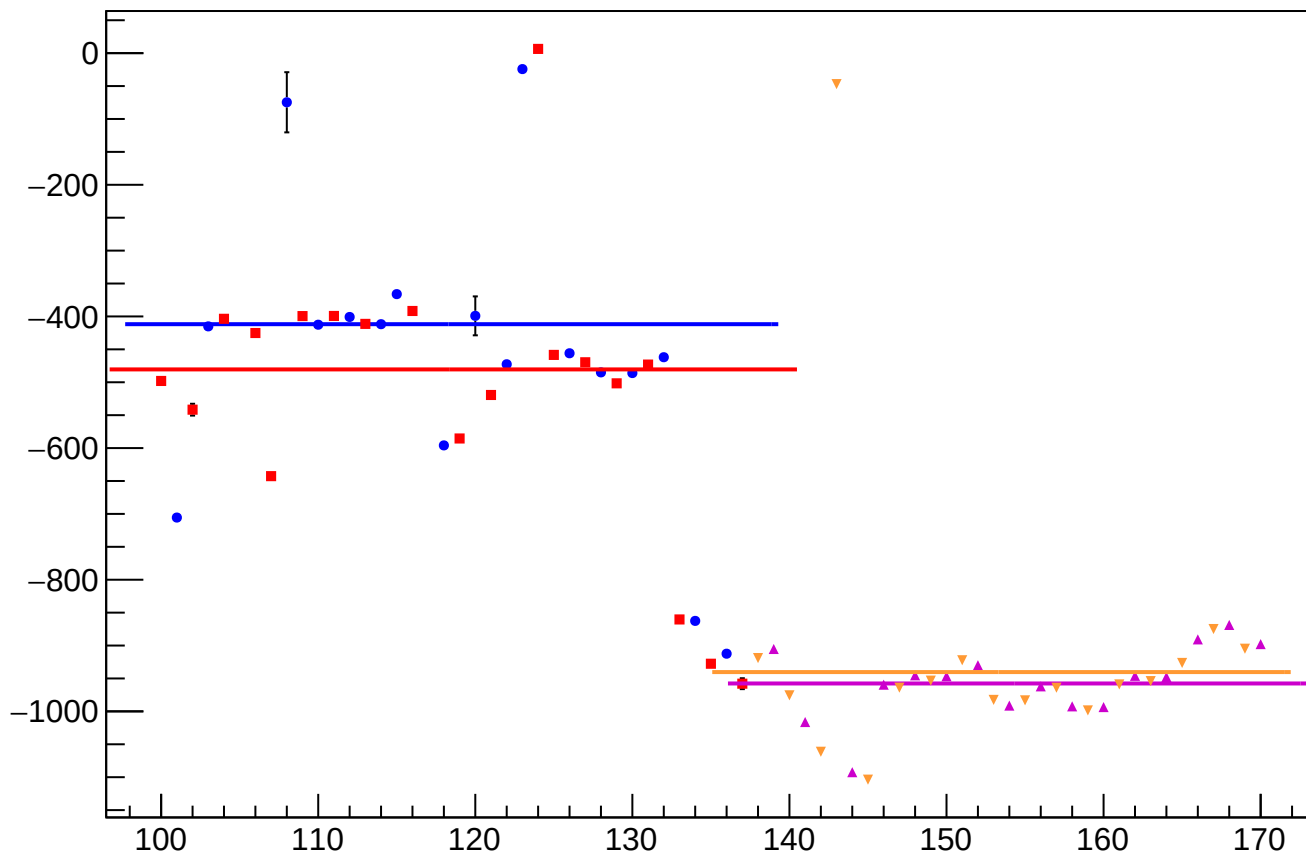
Left In: -19.547 ± 0.018 χ^2/NDF : 11139.5/15

+ sign -13.090 ± 0.000 χ^2/NDF : 163400.5/33

All: -13.090 ± 0.000 χ^2/NDF : 332669.5/68

- sign -19.328 ± 0.017 χ^2/NDF : 27077.5/34

dit_atl2_4aX_slope vs Slug



Right In: -411.771+/-0.000 χ^2/NDF : 984974.9/16

Left Out: -940.305+/-0.179 χ^2/NDF :306800.1/16

Right Out: -480.481+/-0.166 χ^2/NDF : 596807.0/18

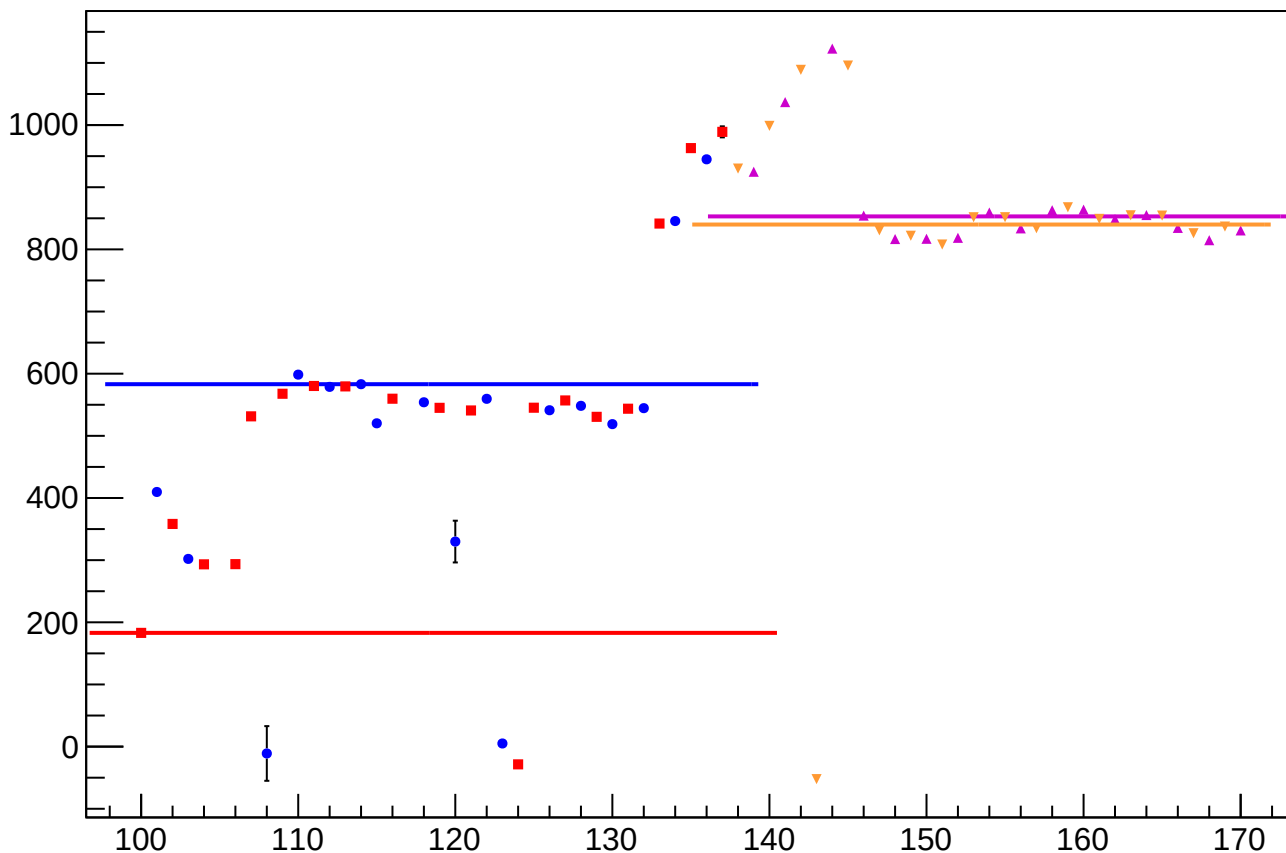
Left In: -957.617+/-0.178 χ^2/NDF :61731.6/15

+ sign -411.771+/-0.000 χ^2/NDF : 10058608.1/33

All: -411.771+/-0.000 χ^2/NDF : 20246977.5/6

- sign -702.105+/-0.122 χ^2/NDF : 4487977.7/34

dit_atl2_4eX_slope vs Slug



Right In: 583.096+/-0.000 χ^2/NDF : 1695243.6/16

Left Out: 839.965+/-0.146 χ^2/NDF : 370982.0/16

Right Out: 182.993+/-0.000 χ^2/NDF : 2983395.1/18

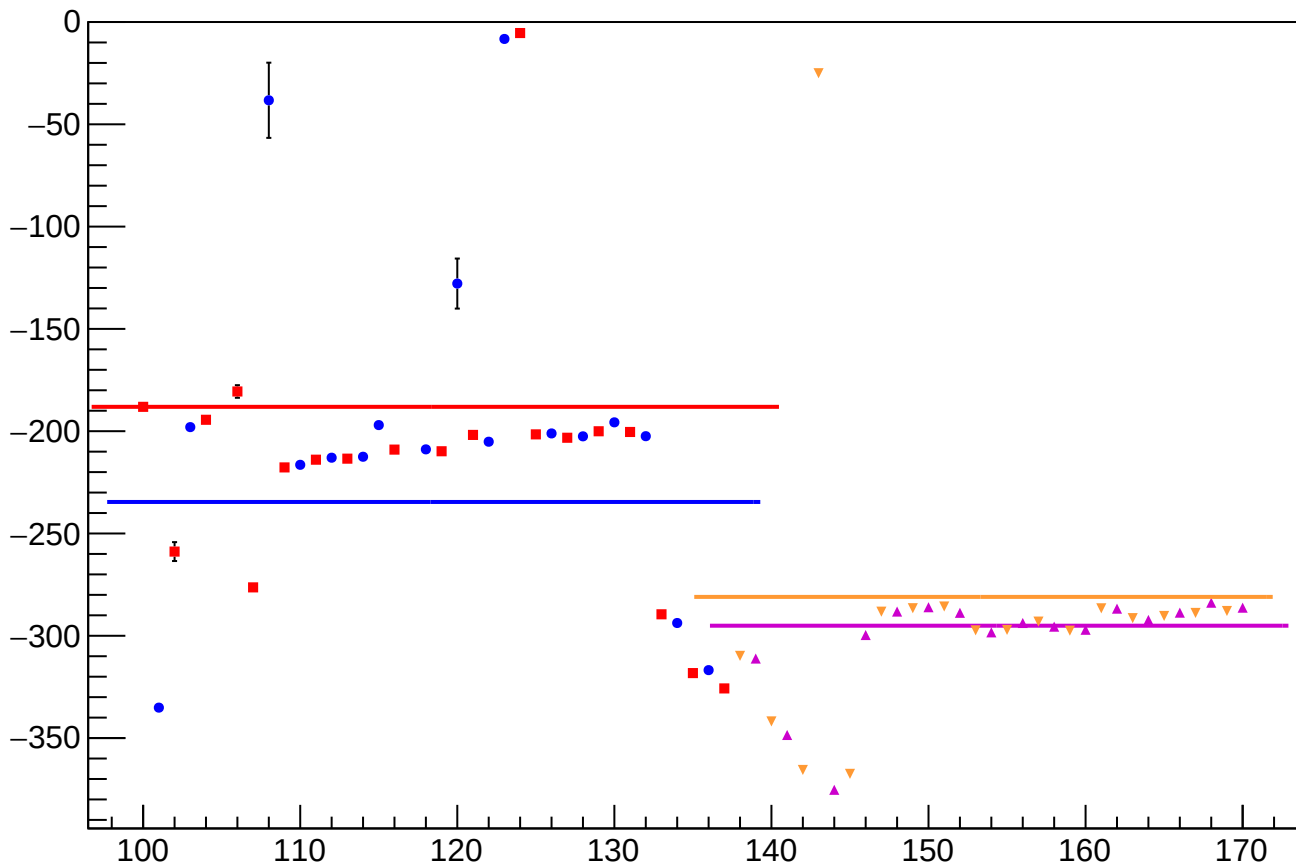
Left In: 853.056+/-0.146 χ^2/NDF : 94810.5/15

+ sign 583.096+/-0.000 χ^2/NDF : 5174768.6/33

All: 224.125+/-0.000 χ^2/NDF : 12223711375

- sign 182.993+/-0.000 χ^2/NDF : 24184379.4/34

dit_atl2_11X12X_slope vs Slug



Right In: -234.595+/-0.057 χ^2/NDF : 1034543.3/16

Left Out: -280.995+/-0.024 χ^2/NDF : 5615578.3/16

Right Out: -188.094+/-0.000 χ^2/NDF : 564190.5/18

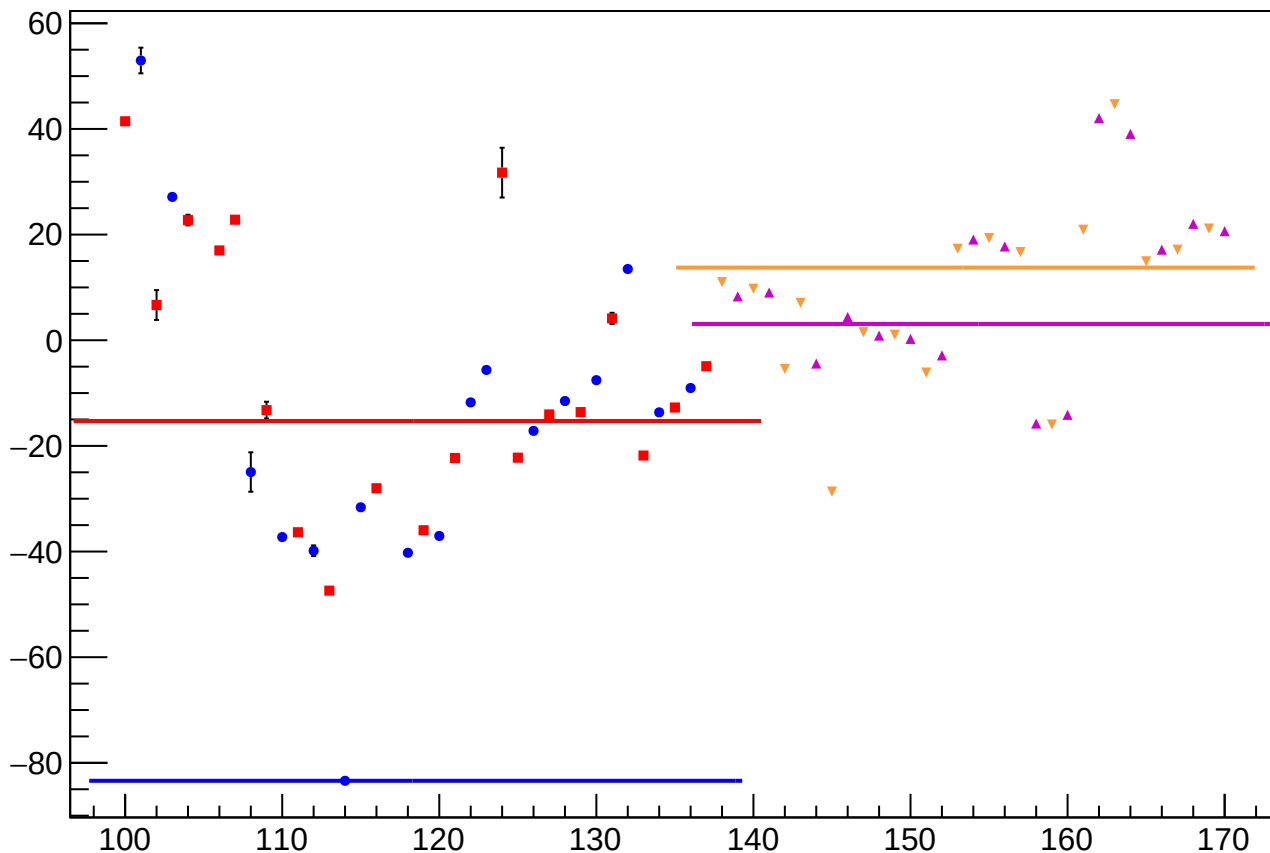
Left In: -295.077+/-0.025 χ^2/NDF : 267094.1/15

+ sign -273.663+/-0.022 χ^2/NDF : 7217942.6/33

All: -188.094+/-0.000 χ^2/NDF : 40243391.9/6

- sign -188.094+/-0.000 χ^2/NDF : 18512067.3/34

dit_atl2_4aY_slope vs Slug



Right In: -83.399 ± 0.000 χ^2/NDF : 1111851.8/16

Left Out: 13.752 ± 0.025 χ^2/NDF : 451730.4/16

Right Out: -15.289 ± 0.093 χ^2/NDF : 45102.9/18

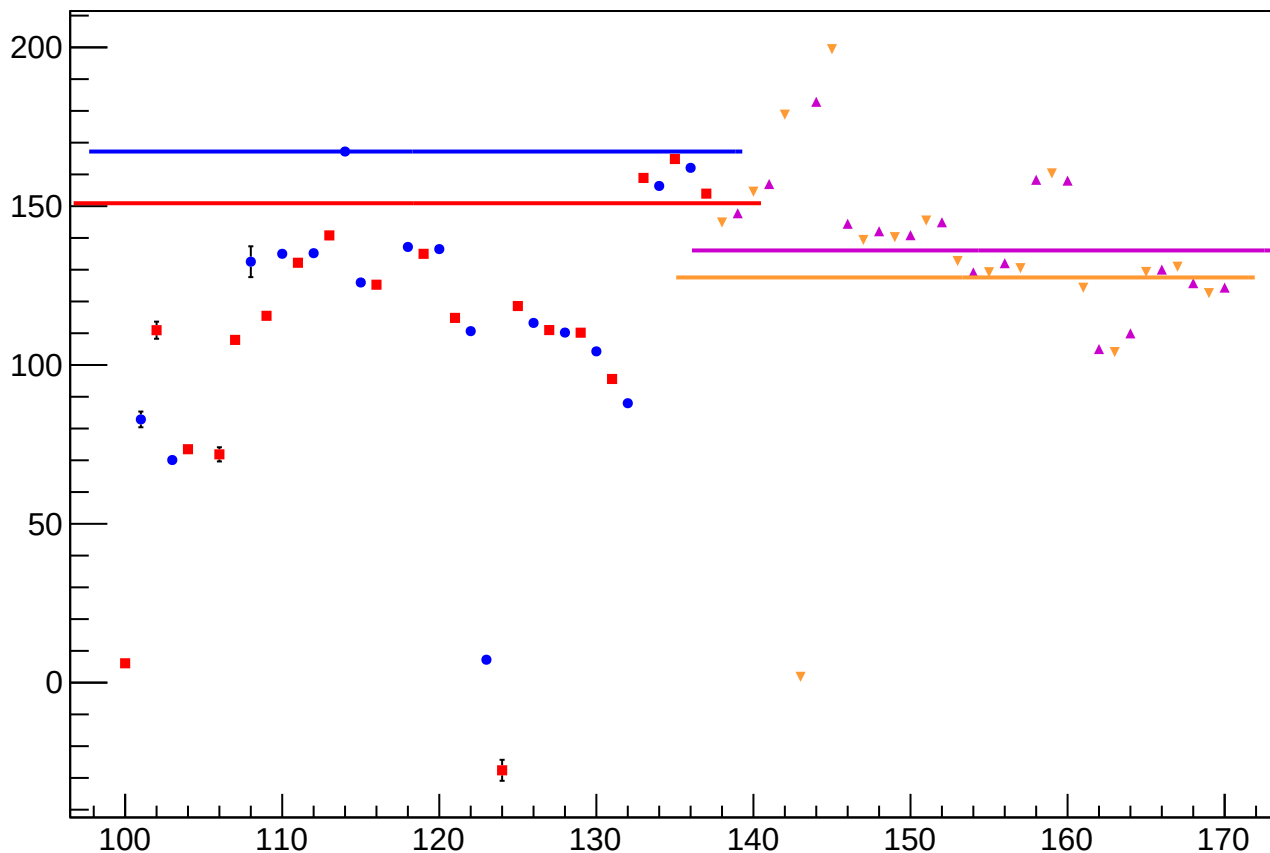
Left In: 3.079 ± 0.021 χ^2/NDF : 674341.2/15

+ sign -83.399 ± 0.000 χ^2/NDF : 16971183.9/33

All: -83.399 ± 0.000 χ^2/NDF : 34806182.4/68

- sign 2.168 ± 0.021 χ^2/NDF : 756545.5/34

dit_atl2_4eY_slope vs Slug



Right In: 167.207 $\pm$ 0.000 χ^2 /NDF: 377544.7/16

Left Out: 127.565 $\pm$ 0.030 χ^2 /NDF: 565348.1/16

Right Out: 150.930 $\pm$ 0.030 χ^2 /NDF: 254077.1/18

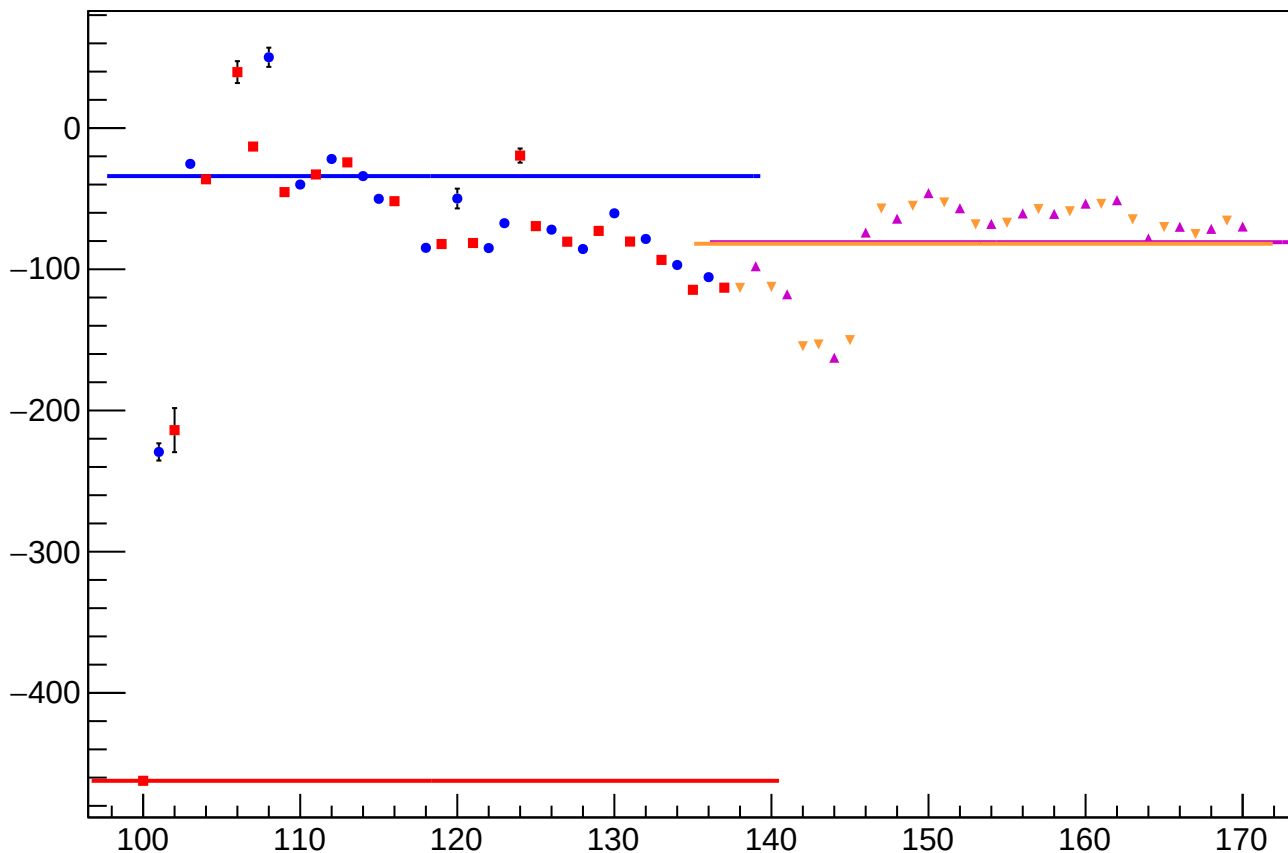
Left In: 136.065 $\pm$ 0.028 χ^2 /NDF: 372377.3/15

+ sign 167.207 $\pm$ 0.000 χ^2 /NDF: 2673159.2/33

All: 167.207 $\pm$ 0.000 χ^2 /NDF: 4838918.8/68

- sign 142.979 $\pm$ 0.020 χ^2 /NDF: 758259.1/34

dit_atr1_4aX_slope vs Slug



Right In: -34.002 ± 0.000 χ^2/NDF : 103608.4/16

Left Out: -81.912 ± 0.133 χ^2/NDF : 59700.5/16

Right Out: -462.254 ± 0.000 χ^2/NDF : 4616114.1/18

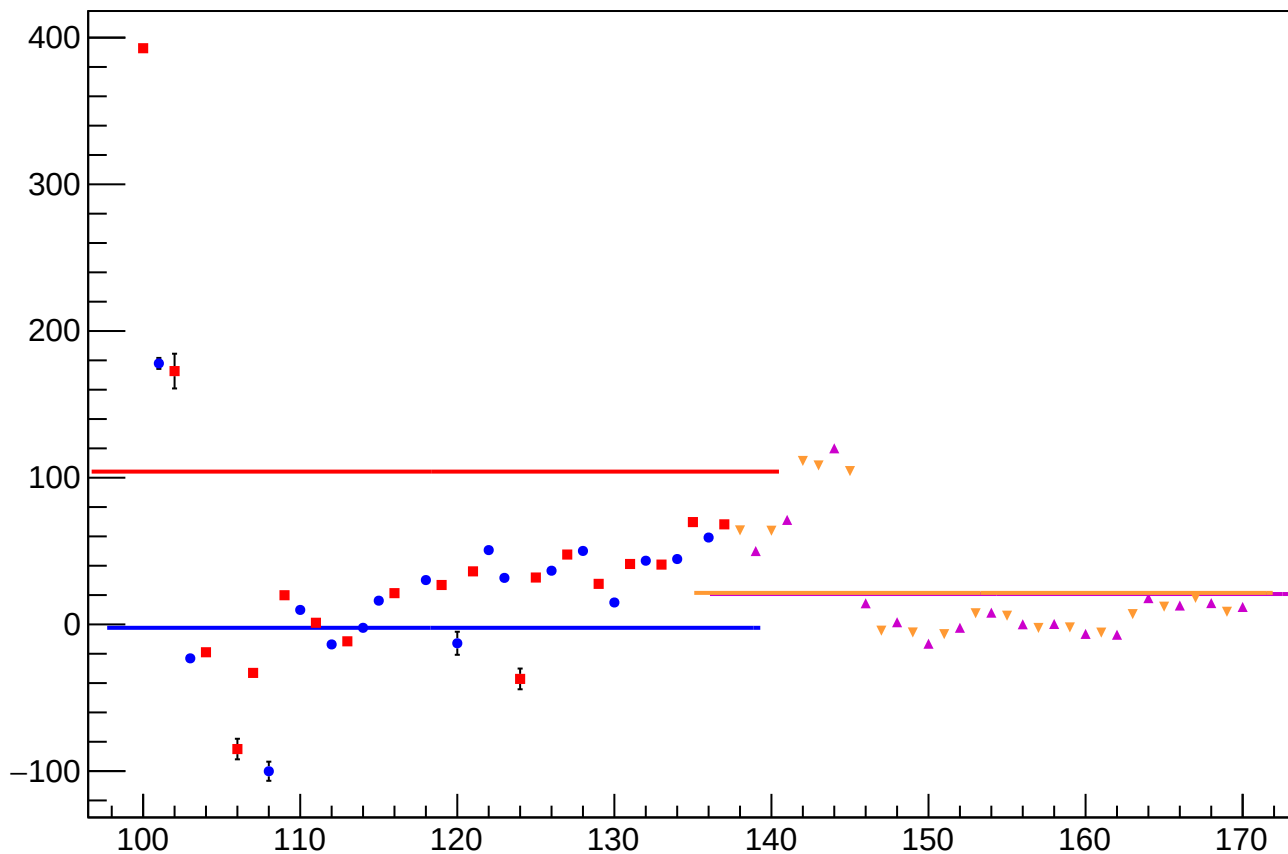
Left In: -80.811 ± 0.134 χ^2/NDF : 59053.3/15

+ sign -34.002 ± 0.000 χ^2/NDF : 293652.0/33

All: -34.912 ± 0.000 χ^2/NDF : 849582565143

- sign -462.254 ± 0.000 χ^2/NDF : 12741665.3/34

dit_atr1_4eX_slope vs Slug



Right In: -2.317 ± 0.000 χ^2/NDF : 72308.0/16

Left Out: 21.491 ± 0.116 χ^2/NDF : 96207.6/16

Right Out: 104.164 ± 0.183 χ^2/NDF : 779114.1/18

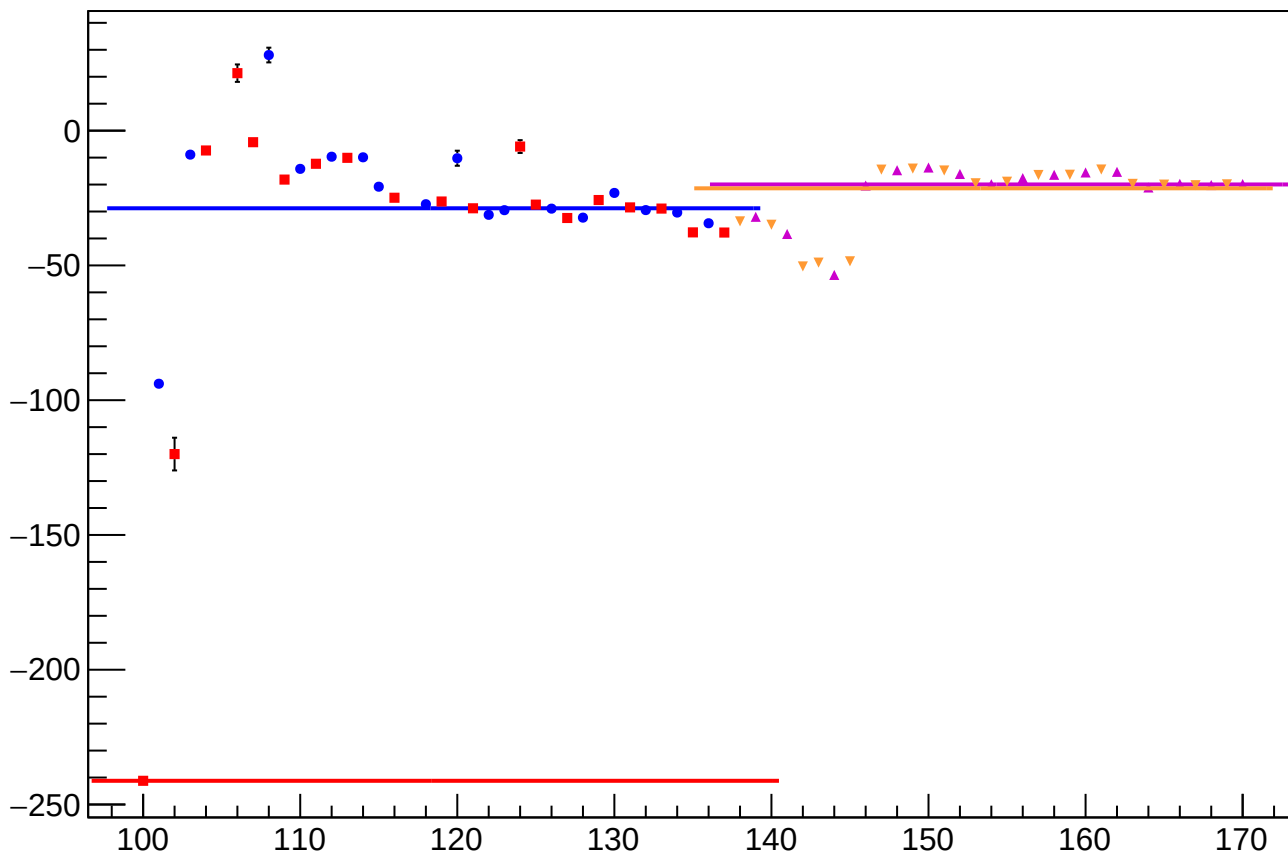
Left In: 20.717 ± 0.118 χ^2/NDF : 87815.5/15

+ sign -2.317 ± 0.000 χ^2/NDF : 210998.4/33

All: -2.317 ± 0.000 χ^2/NDF : 1453972.2/68

- sign 45.070 ± 0.099 χ^2/NDF : 1013802.6/34

dit_atr1_11X12X_slope vs Slug



Right In: -28.799 +/- 0.035 χ^2/NDF : 49372.5/16

Left Out: -21.396 +/- 0.014 χ^2/NDF : 360424.3/16

Right Out: -241.209 +/- 0.000 χ^2/NDF : 31730104.8/18

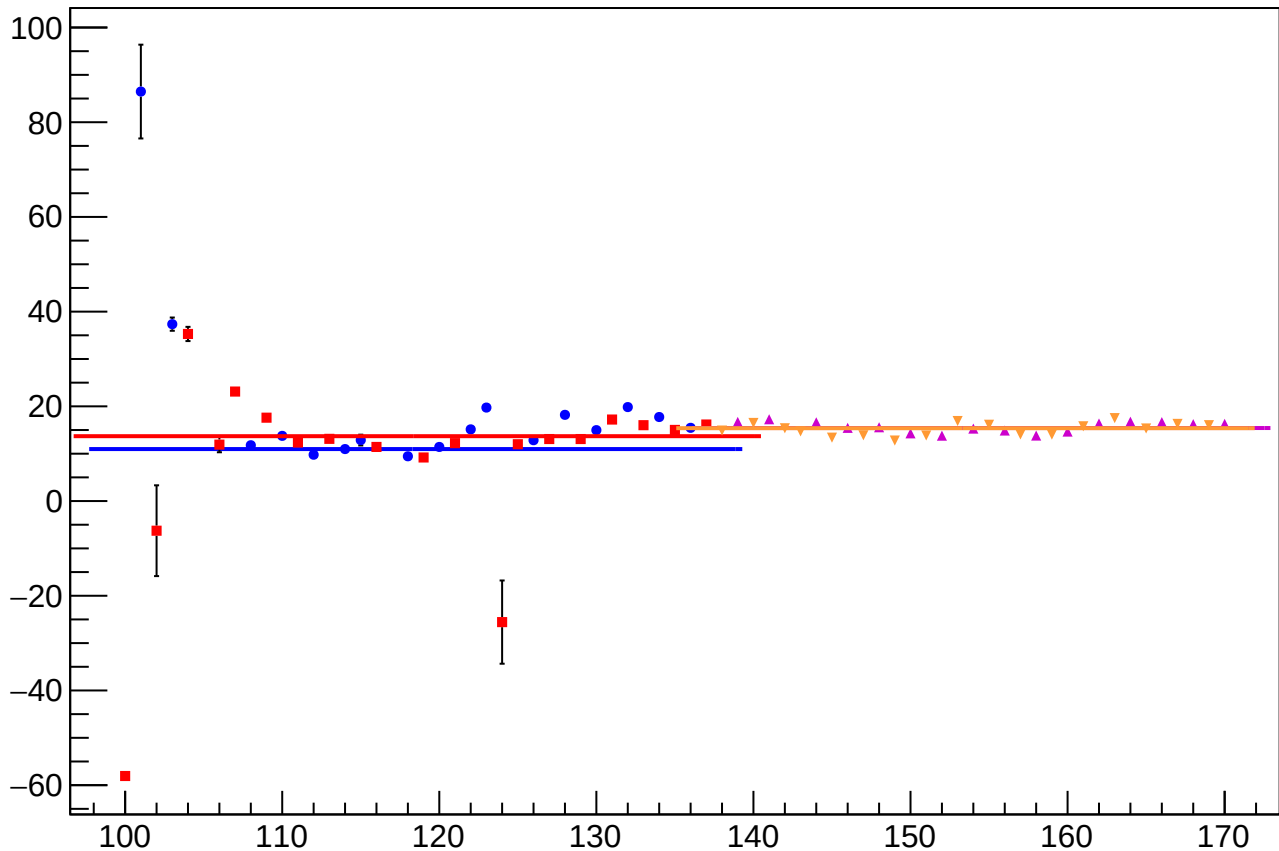
Left In: -19.964 +/- 0.017 χ^2/NDF : 193155.5/15

+ sign -22.433 +/- 0.013 χ^2/NDF : 447479.6/33

All: -241.209 +/- 0.000 χ^2/NDF : 484519228.0/34

- sign -241.209 +/- 0.000 χ^2/NDF : 210738010.7/34

dit_atr1_4aY_slope vs Slug



Right In: 10.978+/-0.000 χ^2/NDF : 26383.3/16

Left Out: 15.388+/-0.015 χ^2/NDF : 6801.8/16

Right Out: 13.698+/-0.044 χ^2/NDF : 38261.7/18

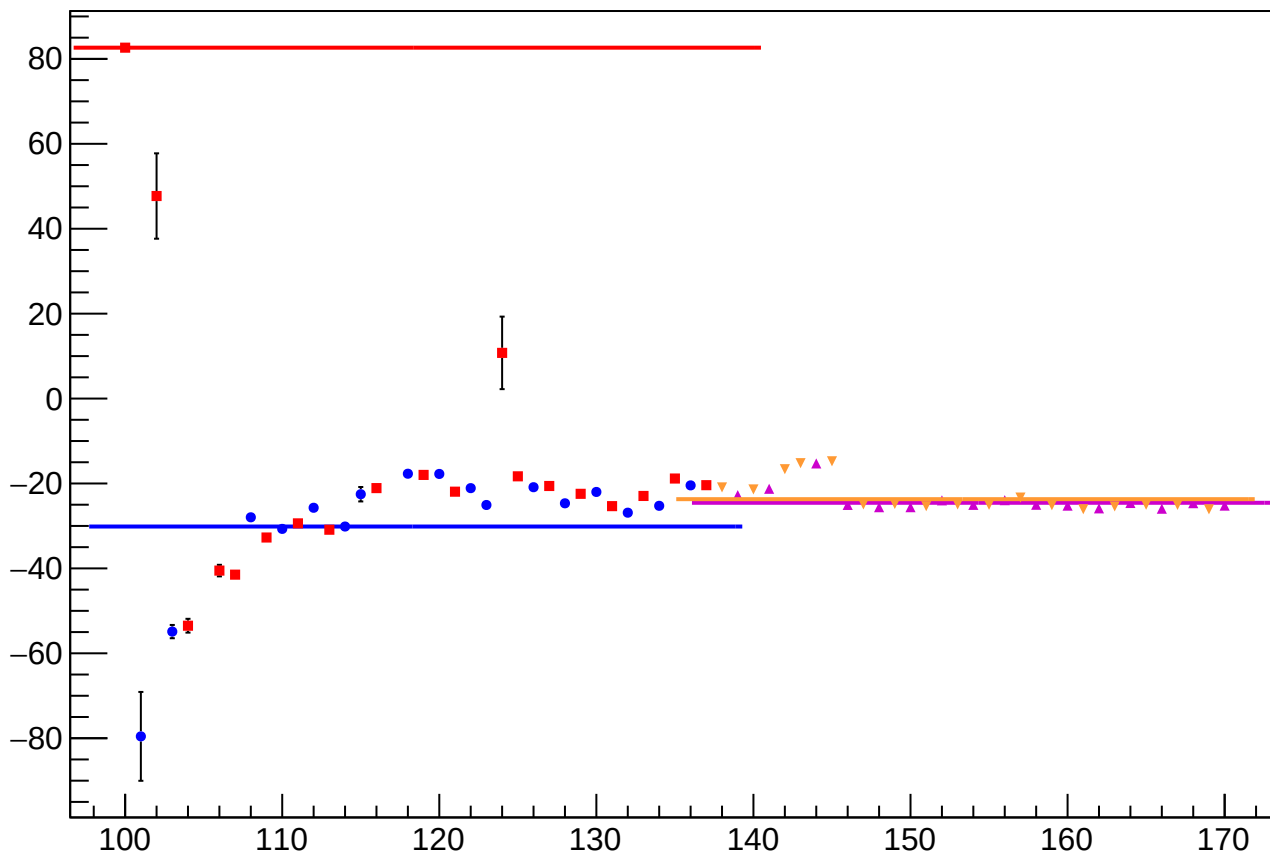
Left In: 15.420+/-0.016 χ^2/NDF : 4879.7/15

+ sign 10.978+/-0.000 χ^2/NDF : 115144.0/33

All: 10.978+/-0.000 χ^2/NDF : 244137.3/68

- sign 15.229+/-0.015 χ^2/NDF : 44505.7/34

dit_atr1_4eY_slope vs Slug



Right In: -30.139 ± 0.000 χ^2/NDF : 75823.3/16

Left Out: -23.695 ± 0.019 χ^2/NDF : 30586.9/16

Right Out: 82.645 ± 0.000 χ^2/NDF : 4126300.9/18

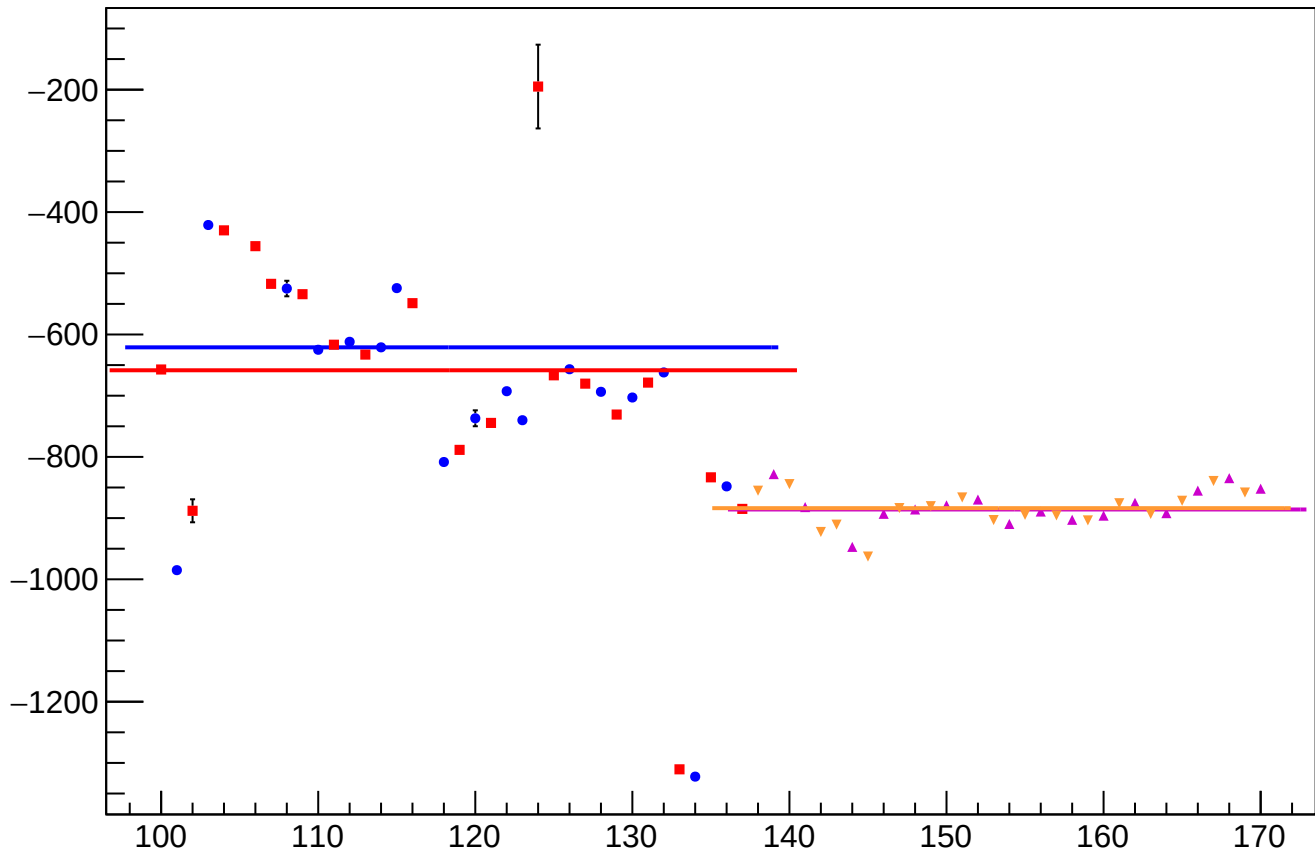
Left In: -24.547 ± 0.019 χ^2/NDF : 8014.5/15

+ sign -30.139 ± 0.000 χ^2/NDF : 220514.3/33

All: -26.421 ± 0.000 χ^2/NDF : 365466407976

- sign 82.645 ± 0.000 χ^2/NDF : 37202304.6/34

dit_atr2_4aX_slope vs Slug



Right In: -620.994+/-0.000 χ^2 /NDF: 309597.8/16

Left Out: -883.765+/-0.152 χ^2 /NDF:23817.5/16

Right Out: -658.472+/-0.211 χ^2 /NDF: 385288.9/18

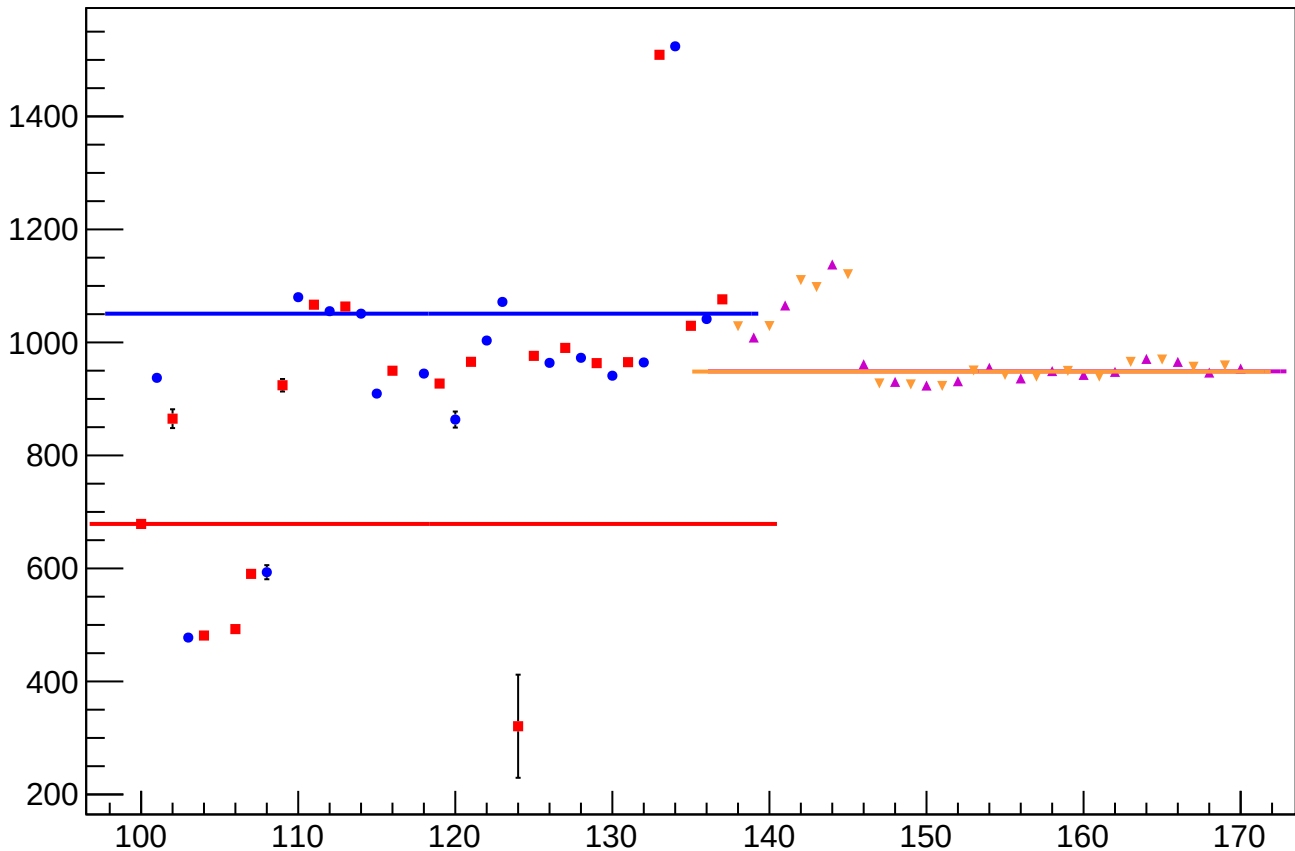
Left In: -885.913+/-0.143 χ^2 /NDF:23231.0/15

+ sign -620.994+/-0.000 χ^2 /NDF: 3317169.3/33

All: -620.994+/-0.000 χ^2 /NDF: 7204930.3/68

- sign -814.325+/-0.118 χ^2 /NDF: 1208345.6/34

dit_atr2_4eX_slope vs Slug



Right In: 1050.885+/-0.000 χ^2/NDF : 296535.3/16

Left Out: 948.413+/-0.125 χ^2/NDF : 70117.3/16

Right Out: 678.756+/-0.000 χ^2/NDF : 1421757.7/18

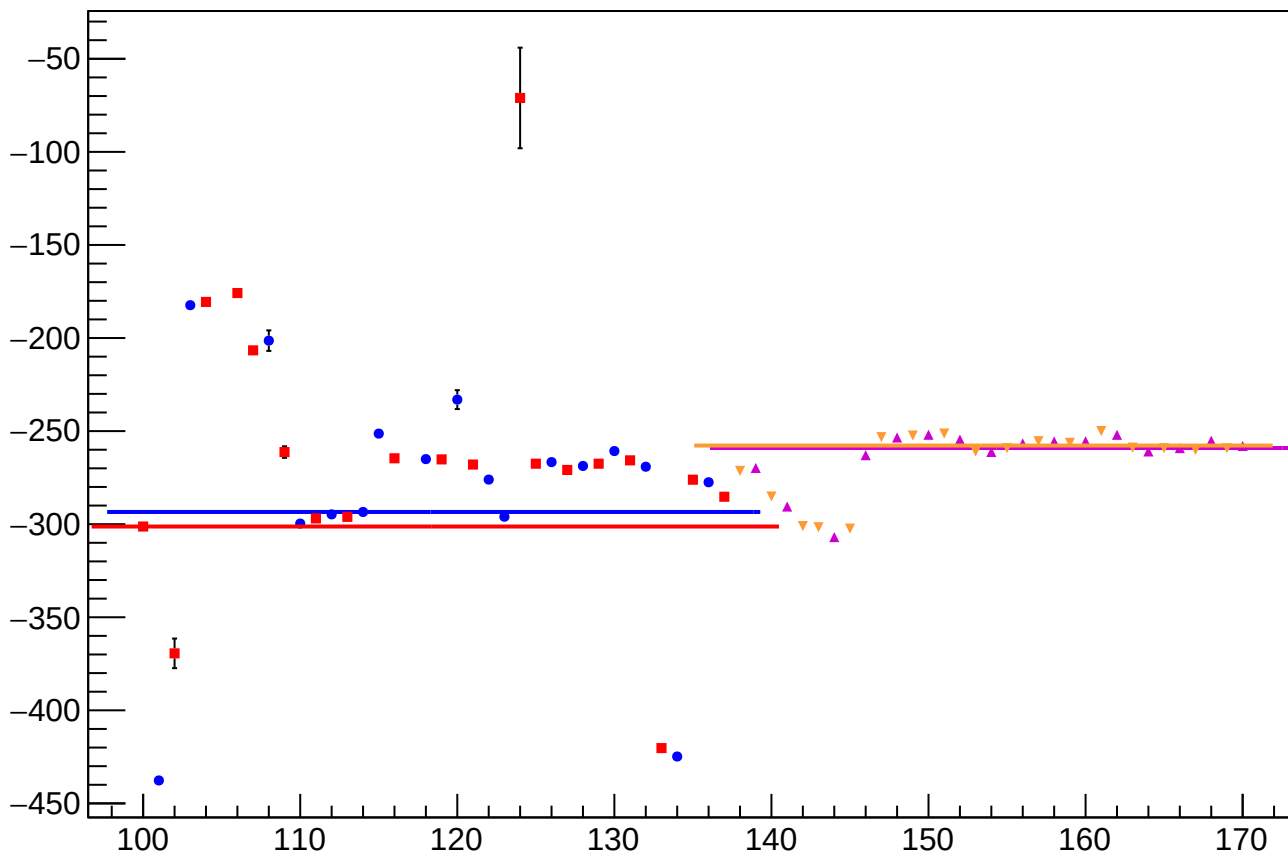
Left In: 948.765+/-0.118 χ^2/NDF : 75319.1/15

+ sign 1050.885+/-0.000 χ^2/NDF : 1041609.5/33

All: 717.012+/-0.000 χ^2/NDF : 660888056800

- sign 678.756+/-0.000 χ^2/NDF : 6775185.0/34

dit_atr2_11X12X_slope vs Slug



Right In: -293.440+/-0.000 χ^2/NDF : 806123.9/16

Left Out: -257.759+/-0.021 χ^2/NDF : 164272.4/16

Right Out: -301.259+/-0.000 χ^2/NDF : 709937.5/18

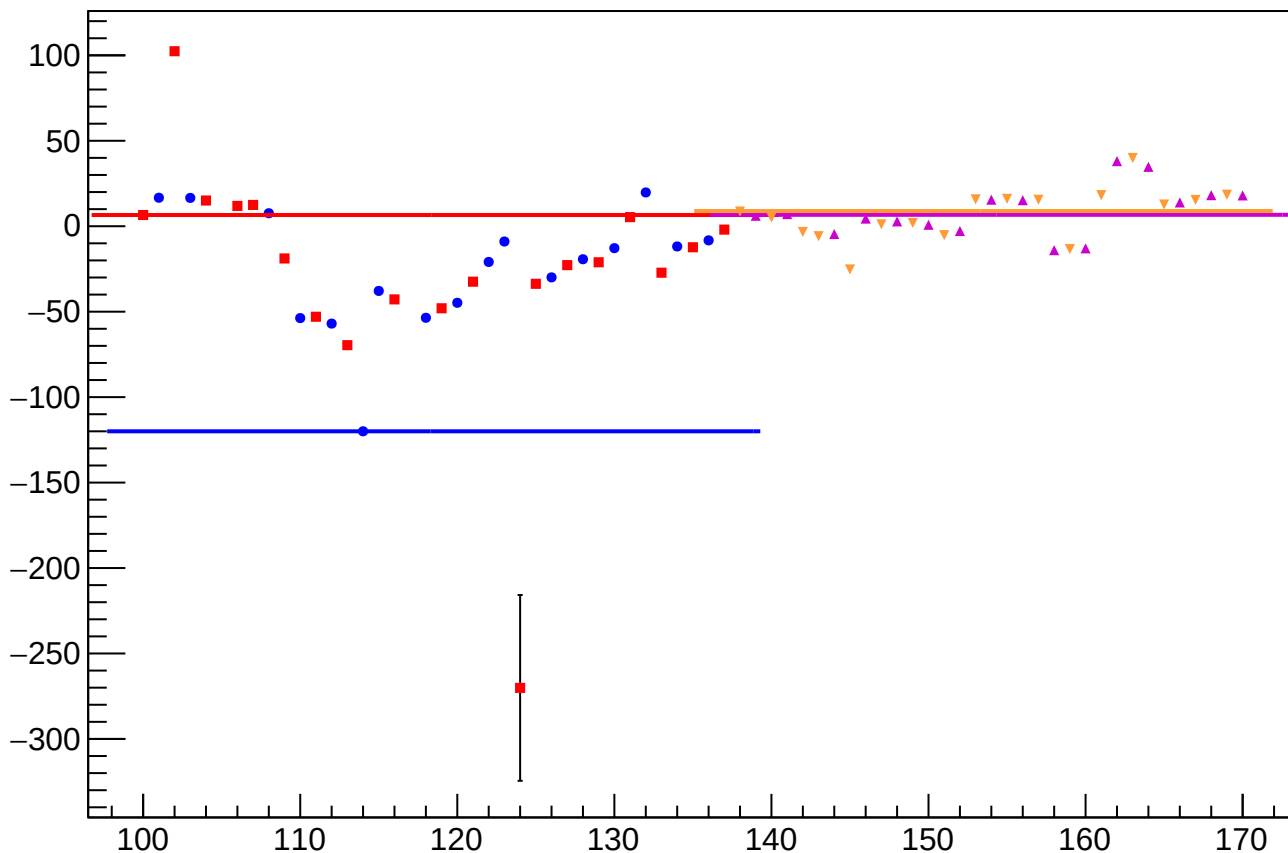
Left In: -259.084+/-0.021 χ^2/NDF : 188233.8/15

+ sign -293.440+/-0.000 χ^2/NDF : 3834017.4/33

All: -296.200+/-0.000 χ^2/NDF : 73444542243

- sign -301.259+/-0.000 χ^2/NDF : 4961239.7/34

dit_atr2_4aY_slope vs Slug



Right In: -119.993 ± 0.000 $\chi^2/\text{NDF}: 1507310.0/16$

Left Out: 8.883 ± 0.023 $\chi^2/\text{NDF}: 379792.7/16$

Right Out: 6.562 ± 0.000 $\chi^2/\text{NDF}: 110723.7/18$

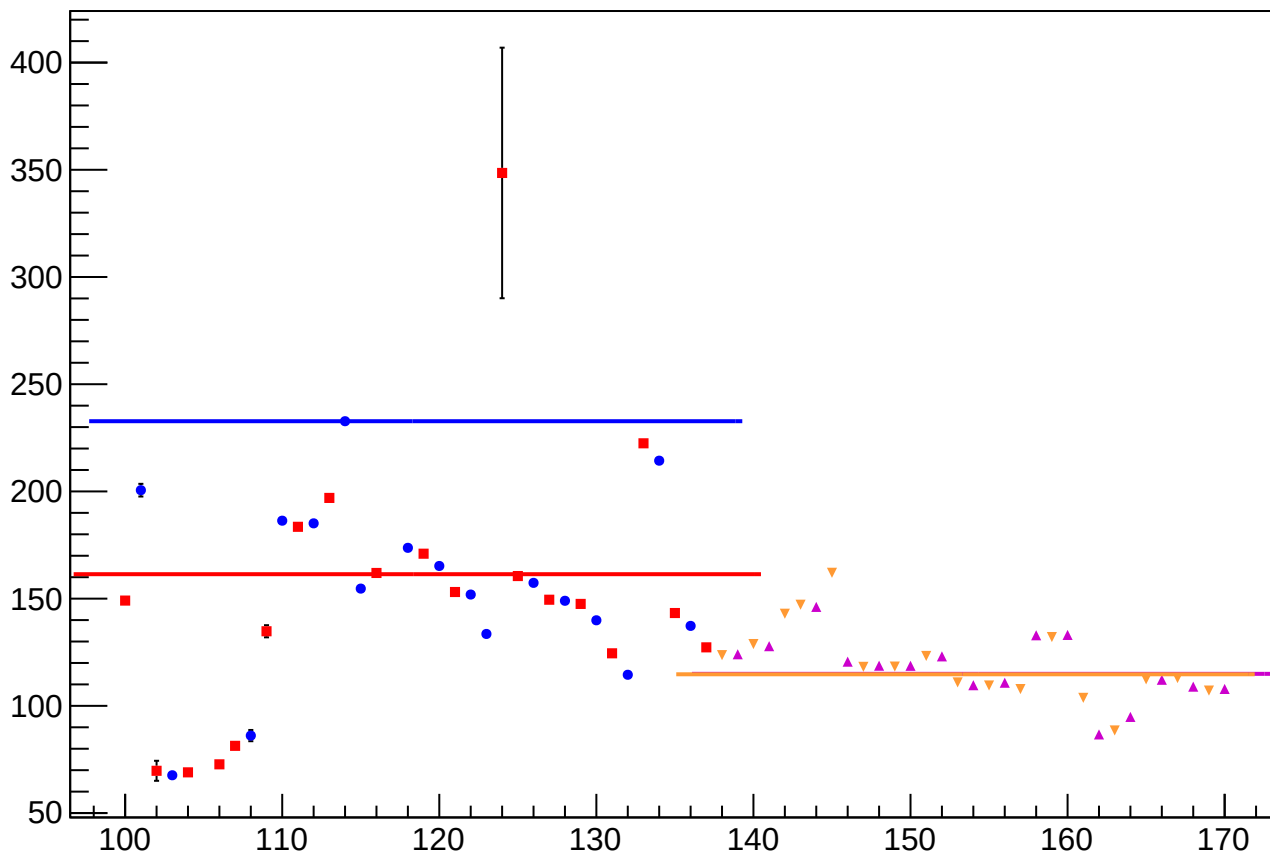
Left In: 6.679 ± 0.021 $\chi^2/\text{NDF}: 431893.6/15$

+ sign -119.993 ± 0.000 $\chi^2/\text{NDF}: 34518409.1/33$

All: 6.462 ± 0.000 $\chi^2/\text{NDF}: 96855847891730$

- sign 6.562 ± 0.000 $\chi^2/\text{NDF}: 542648.9/34$

dit_atr2_4eY_slope vs Slug



Right In: 232.747 $\pm$ 0.000 χ^2 /NDF: 885111.3/16

Left Out: 114.722 $\pm$ 0.026 χ^2 /NDF: 214158.6/16

Right Out: 161.402 $\pm$ 0.086 χ^2 /NDF: 158469.5/18

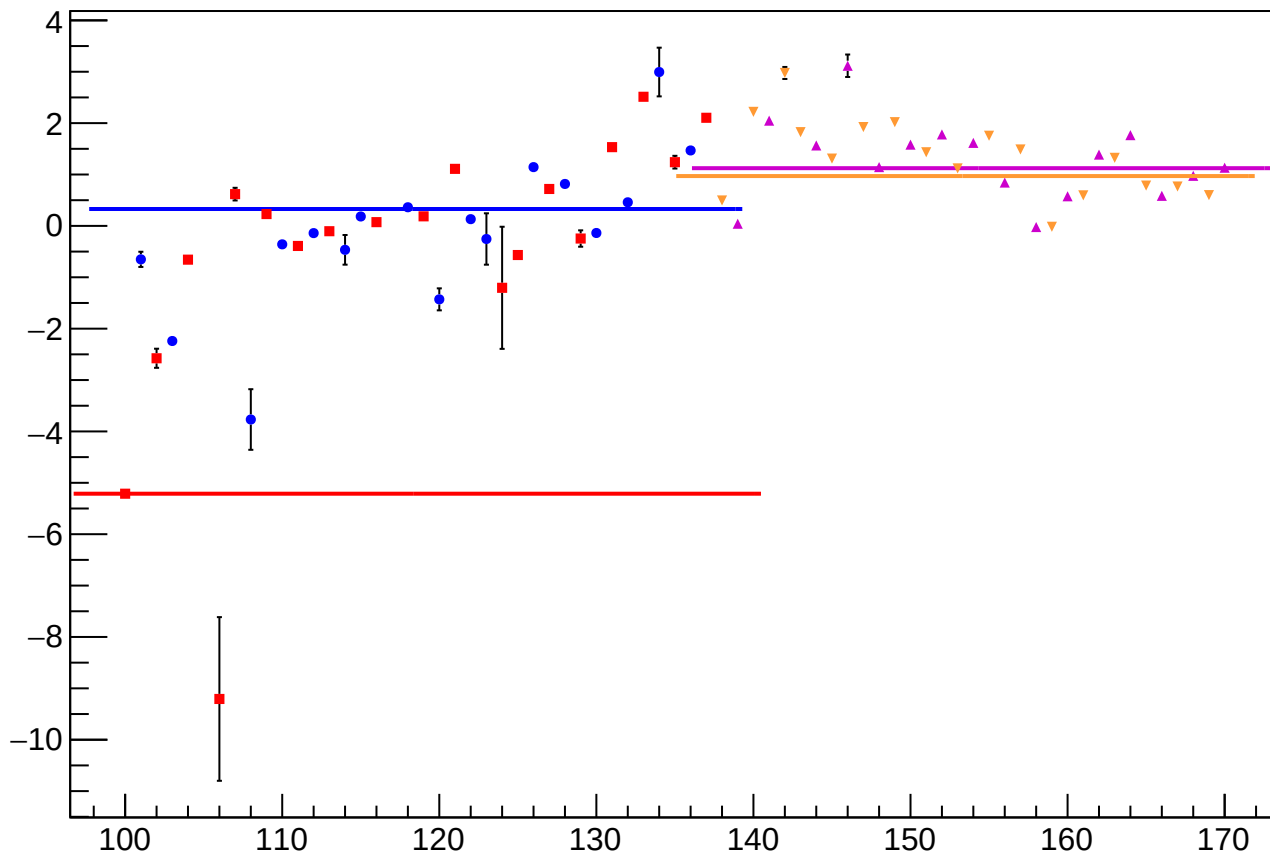
Left In: 114.928 $\pm$ 0.023 χ^2 /NDF: 297156.4/15

+ sign 232.747 $\pm$ 0.000 χ^2 /NDF: 21959362.7/33

All: 232.747 $\pm$ 0.000 χ^2 /NDF: 49571675.2/68

- sign 117.985 $\pm$ 0.022 χ^2 /NDF: 726591.1/34

dit_sam1_4aX_slope vs Slug



Right In: 0.329 ± 0.013 χ^2/NDF : 4100.2/16

Left Out: 0.970 ± 0.009 χ^2/NDF : 5196.9/16

Right Out: -5.212 ± 0.000 χ^2/NDF : 500748.8/18

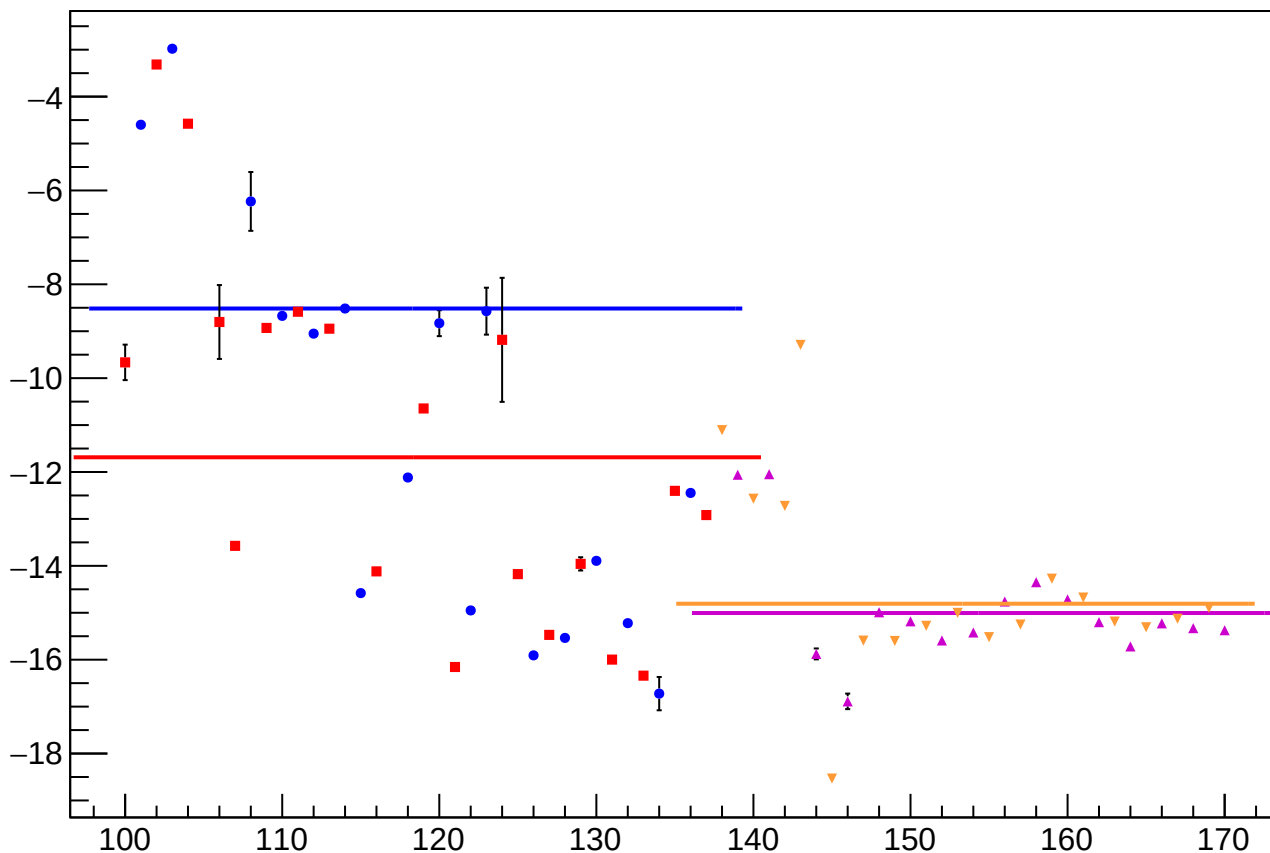
Left In: 1.123 ± 0.008 χ^2/NDF : 6428.9/15

+ sign 0.751 ± 0.008 χ^2/NDF : 10936.7/33

All: -5.212 ± 0.000 χ^2/NDF : 1827586.8/68

- sign -5.212 ± 0.000 χ^2/NDF : 1184920.5/34

dit_sam1_4eX_slope vs Slug



Right In: -8.516 ± 0.000 χ^2/NDF : 245356.0/16

Left Out: -14.807 ± 0.007 χ^2/NDF : 30144.5/16

Right Out: -11.687 ± 0.012 χ^2/NDF : 108168.0/18

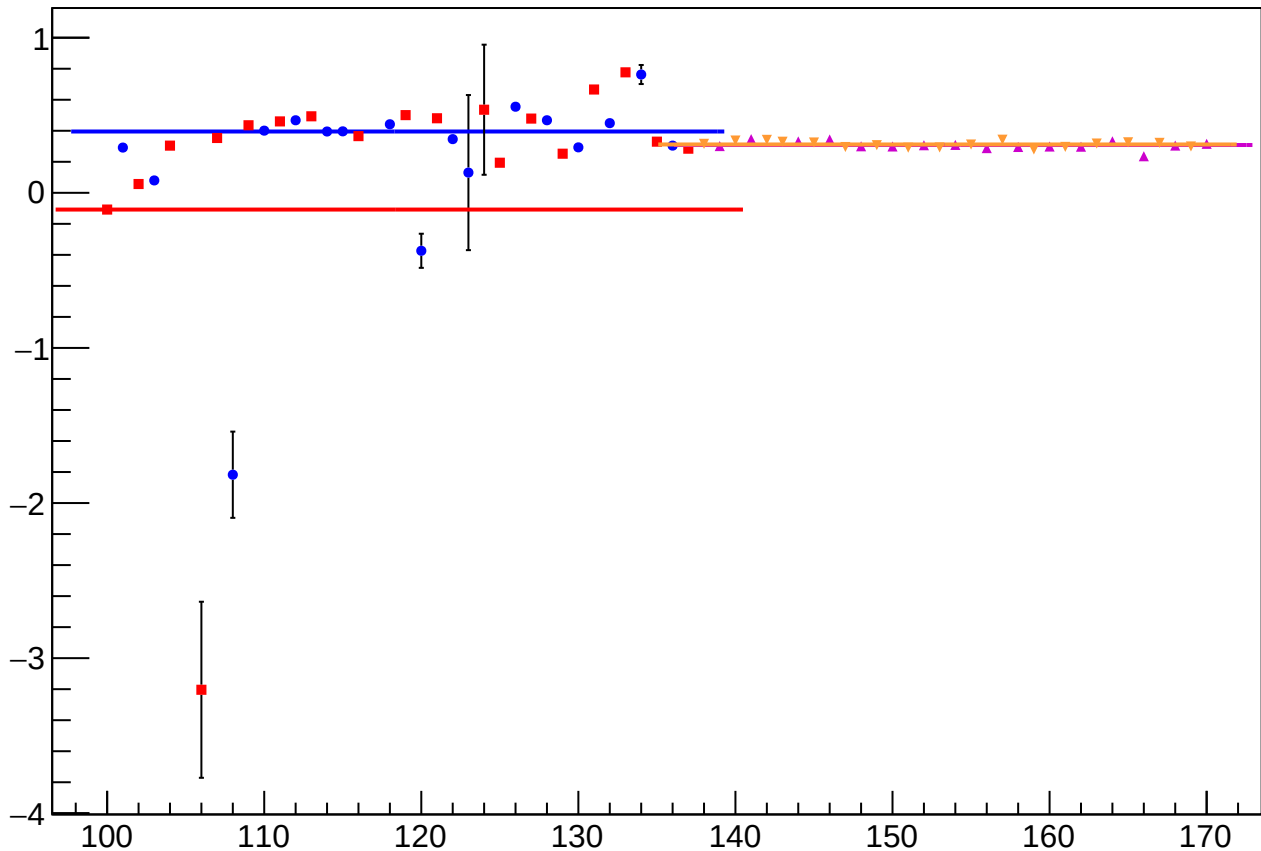
Left In: -15.005 ± 0.007 χ^2/NDF : 12660.6/15

+ sign -8.516 ± 0.000 χ^2/NDF : 988202.9/33

All: -8.516 ± 0.000 χ^2/NDF : 2112128.8/68

- sign -14.168 ± 0.006 χ^2/NDF : 182057.3/34

dit_sam1_11X12X_slope vs Slug



Right In: 0.395 ± 0.000 χ^2/NDF : 10311.3/16

Left Out: 0.312 ± 0.000 χ^2/NDF : 4440.8/16

Right Out: -0.108 ± 0.000 χ^2/NDF : 128250.0/18

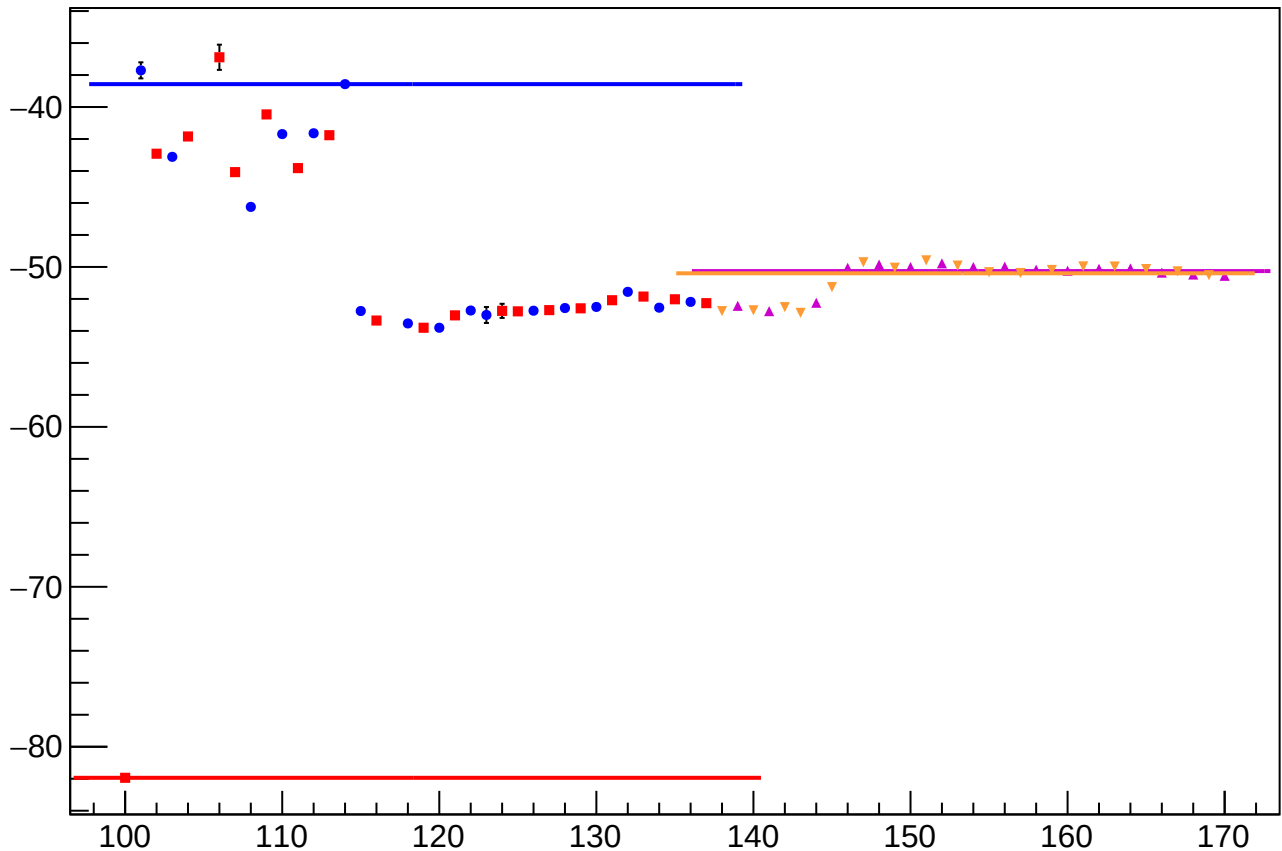
Left In: 0.308 ± 0.000 χ^2/NDF : 2601.8/15

+ sign 0.395 ± 0.000 χ^2/NDF : 119083.3/33

All: -0.056 ± 0.000 χ^2/NDF : 8110213490538

- sign -0.108 ± 0.000 χ^2/NDF : 2469828.5/34

dit_sam1_4aY_slope vs Slug



Right In: -38.570 ± 0.000 $\chi^2/\text{NDF}: 12311757.7/16$

Left Out: -50.398 ± 0.002 $\chi^2/\text{NDF}: 243574.0/16$

Right Out: -81.941 ± 0.000 $\chi^2/\text{NDF}: 120351577.0/18$

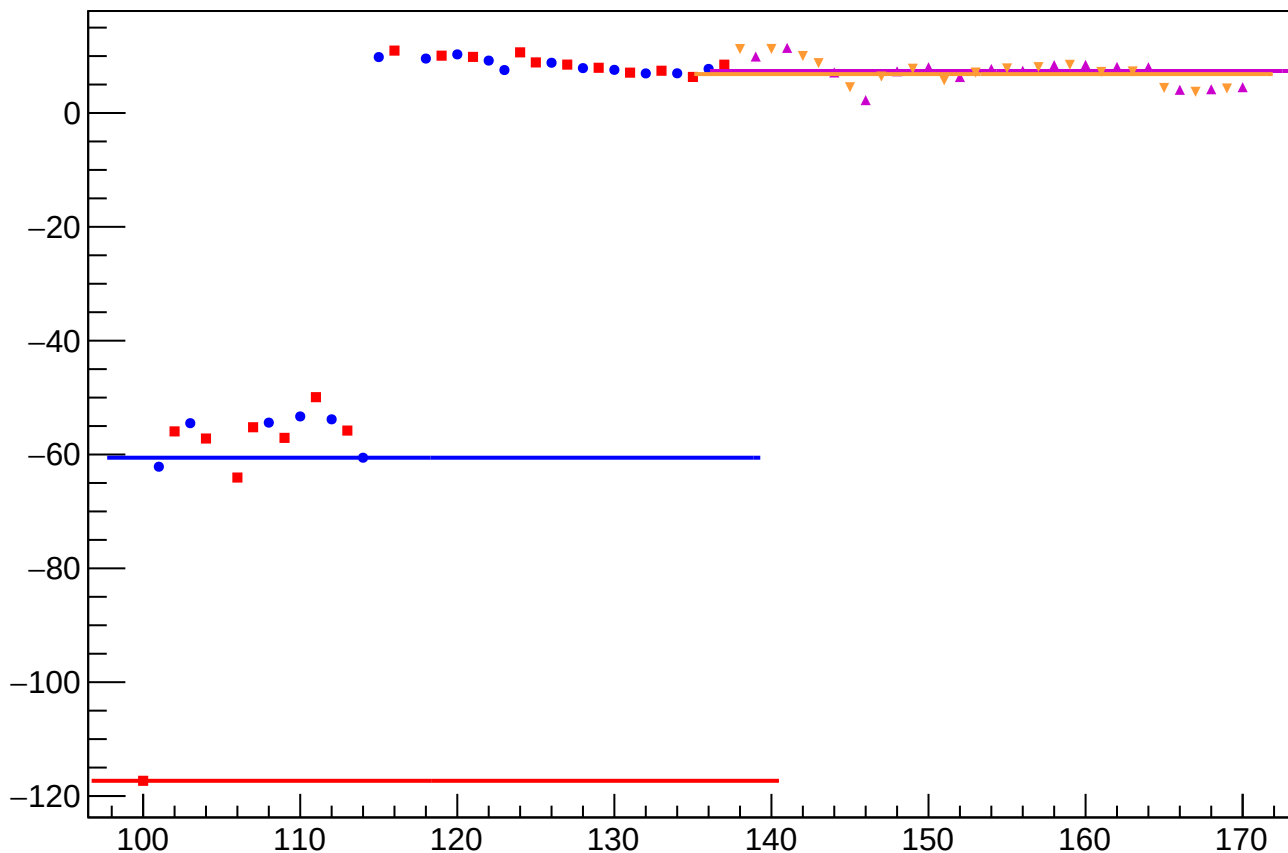
Left In: -50.259 ± 0.001 $\chi^2/\text{NDF}: 162953.6/15$

+ sign -38.570 ± 0.000 $\chi^2/\text{NDF}: 61500379.0/33$

All: -43.774 ± 0.000 $\chi^2/\text{NDF}: 491816286535$

- sign -81.941 ± 0.000 $\chi^2/\text{NDF}: 627731101.4/34$

dit_sam1_4eY_slope vs Slug



Right In: -60.561 ± 0.000 $\chi^2/\text{NDF}: 179199478.6/16$

Left Out: 6.835 ± 0.004 $\chi^2/\text{NDF}: 273016.4/16$

Right Out: -117.324 ± 0.000 $\chi^2/\text{NDF}: 218537776.8/18$

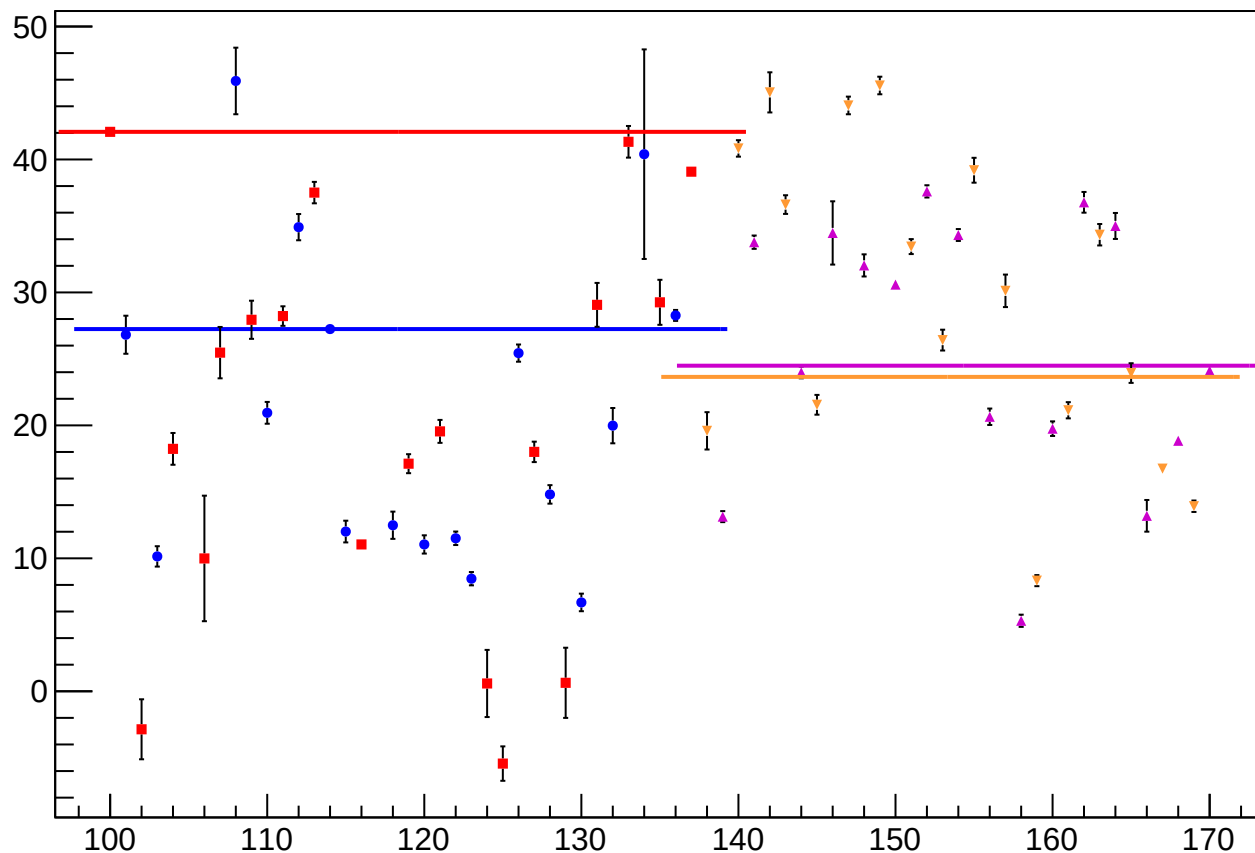
Left In: 7.379 ± 0.004 $\chi^2/\text{NDF}: 143952.8/15$

+ sign -60.561 ± 0.000 $\chi^2/\text{NDF}: 478301070.1/33$

All: -91.839 ± 0.000 $\chi^2/\text{NDF}: 429805156128$

- sign -117.324 ± 0.000 $\chi^2/\text{NDF}: 1427553251.8/34$

dit_sam2_4aX_slope vs Slug



Right In: 27.244 $\pm$ 0.000 χ^2 /NDF: 5492.1/16

Left Out: 23.646 $\pm$ 0.141 χ^2 /NDF: 6724.9/16

Right Out: 42.078 $\pm$ 0.000 χ^2 /NDF: 38215.8/18

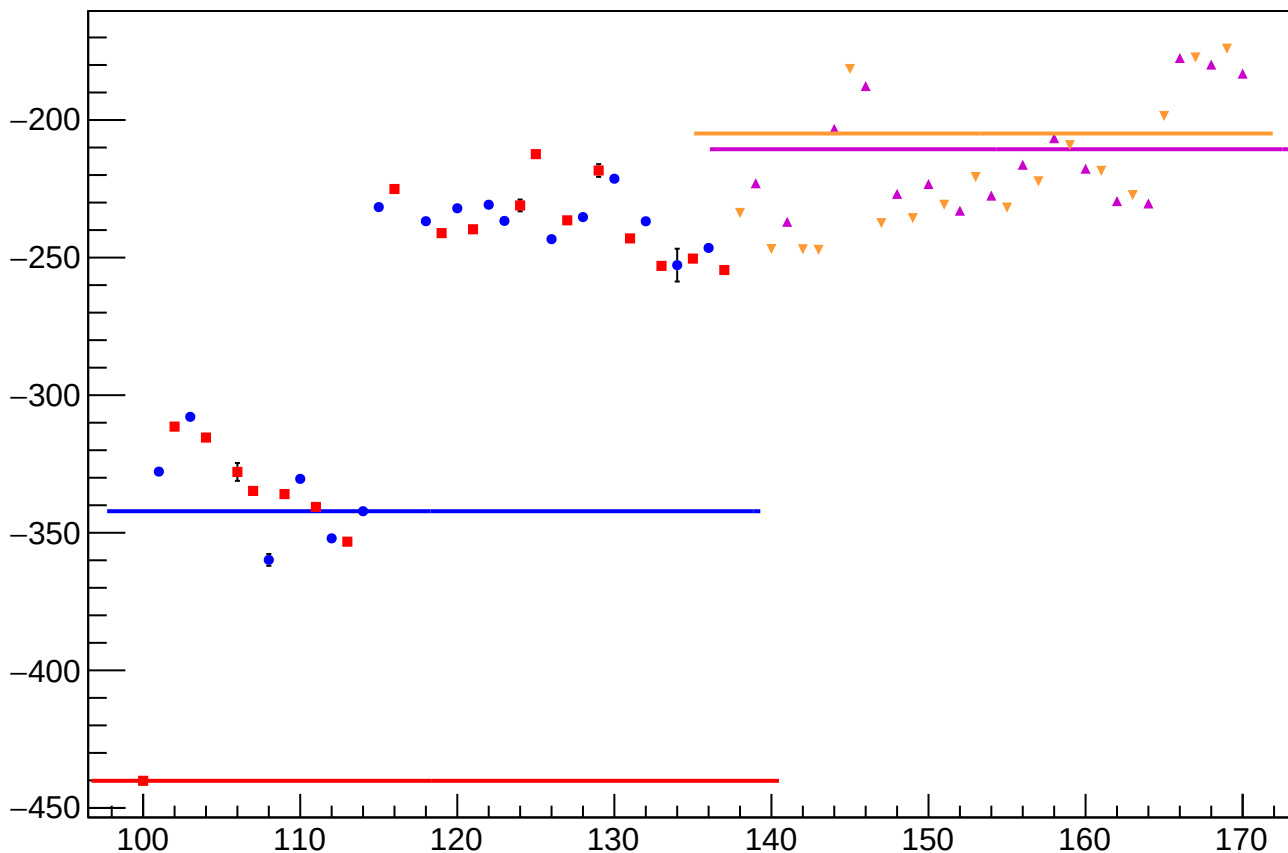
Left In: 24.489 $\pm$ 0.118 χ^2 /NDF: 5449.6/15

+ sign 27.244 $\pm$ 0.000 χ^2 /NDF: 12864.2/33

All: 35.418 $\pm$ 0.000 χ^2 /NDF: 117411719760

- sign 42.078 $\pm$ 0.000 χ^2 /NDF: 65796.5/34

dit_sam2_4eX_slope vs Slug



Right In: -342.165+/-0.000 χ^2 /NDF: 307562.3/16

Left Out: -204.905+/-0.117 χ^2 /NDF:52851.0/16

Right Out: -440.136+/-0.000 χ^2 /NDF: 6836158.8/18

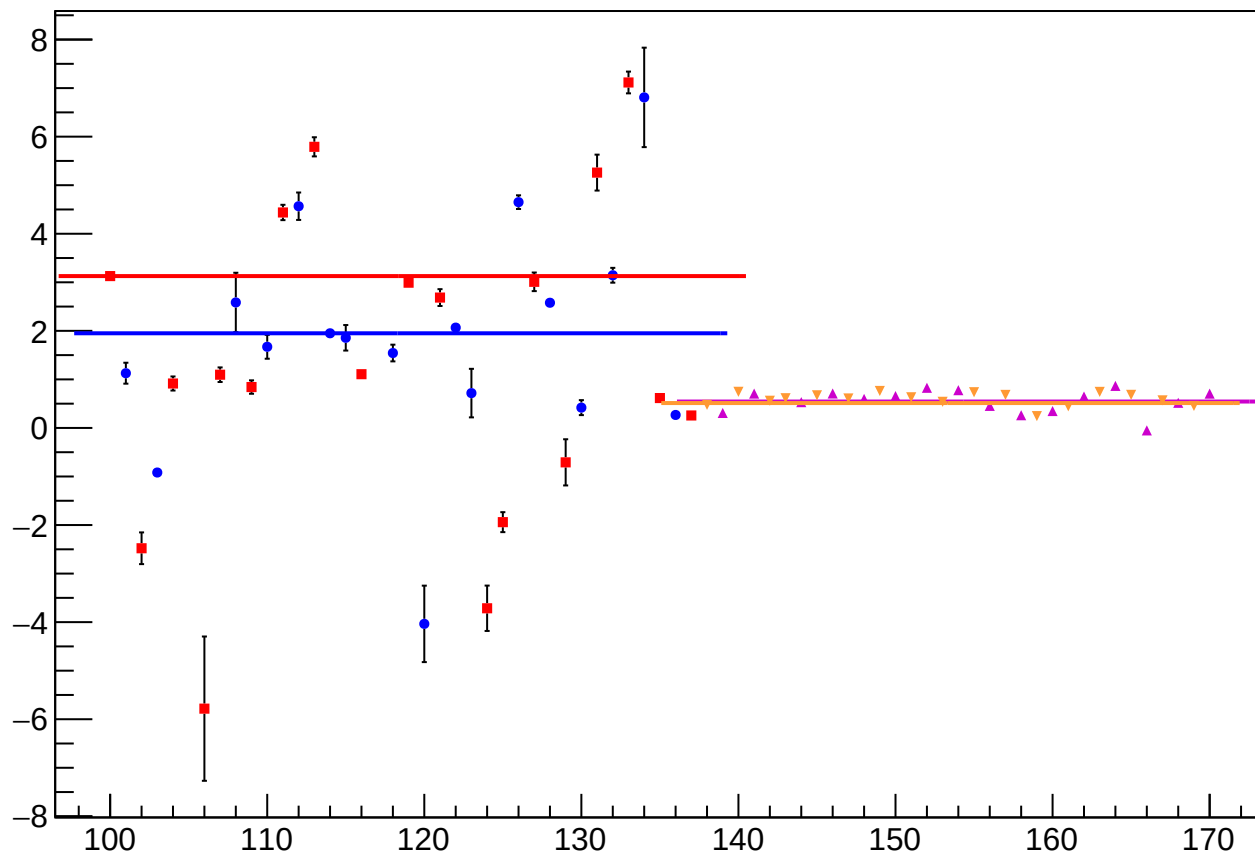
Left In: -210.622+/-0.102 χ^2 /NDF:40249.5/15

+ sign -342.165+/-0.000 χ^2 /NDF: 1736617.1/33

All: -376.743+/-0.000 χ^2 /NDF: 11532667116

- sign -440.136+/-0.000 χ^2 /NDF: 11925831.8/34

dit_sam2_11X12X_slope vs Slug



Right In: 1.950 $\pm$ 0.000 χ^2 /NDF: 64103.9/16

Left Out: 0.513 $\pm$ 0.002 χ^2 /NDF:8234.2/16

Right Out: 3.128 $\pm$ 0.000 χ^2 /NDF: 24965.4/18

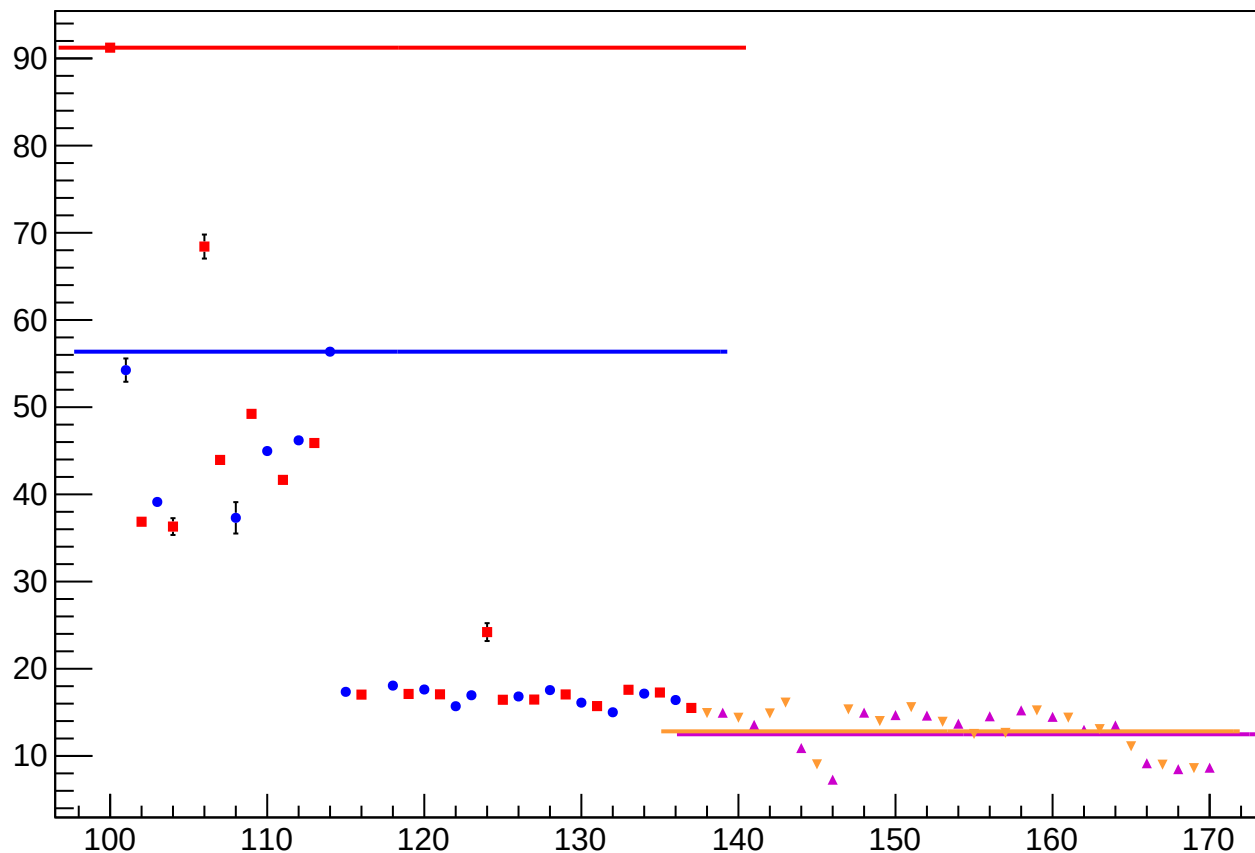
Left In: 0.544 $\pm$ 0.002 χ^2 /NDF:14103.2/15

+ sign 1.950 $\pm$ 0.000 χ^2 /NDF: 547908.9/33

All: 2.366 $\pm$ 0.000 χ^2 /NDF: 27324586822992

- sign 3.128 $\pm$ 0.000 χ^2 /NDF: 2036212.0/34

dit_sam2_4aY_slope vs Slug



Right In: 56.366+/-0.000 χ^2/NDF : 8017656.1/16

Left Out: 12.822+/-0.008 χ^2/NDF : 124450.2/16

Right Out: 91.232+/-0.000 χ^2/NDF : 17922403.4/18

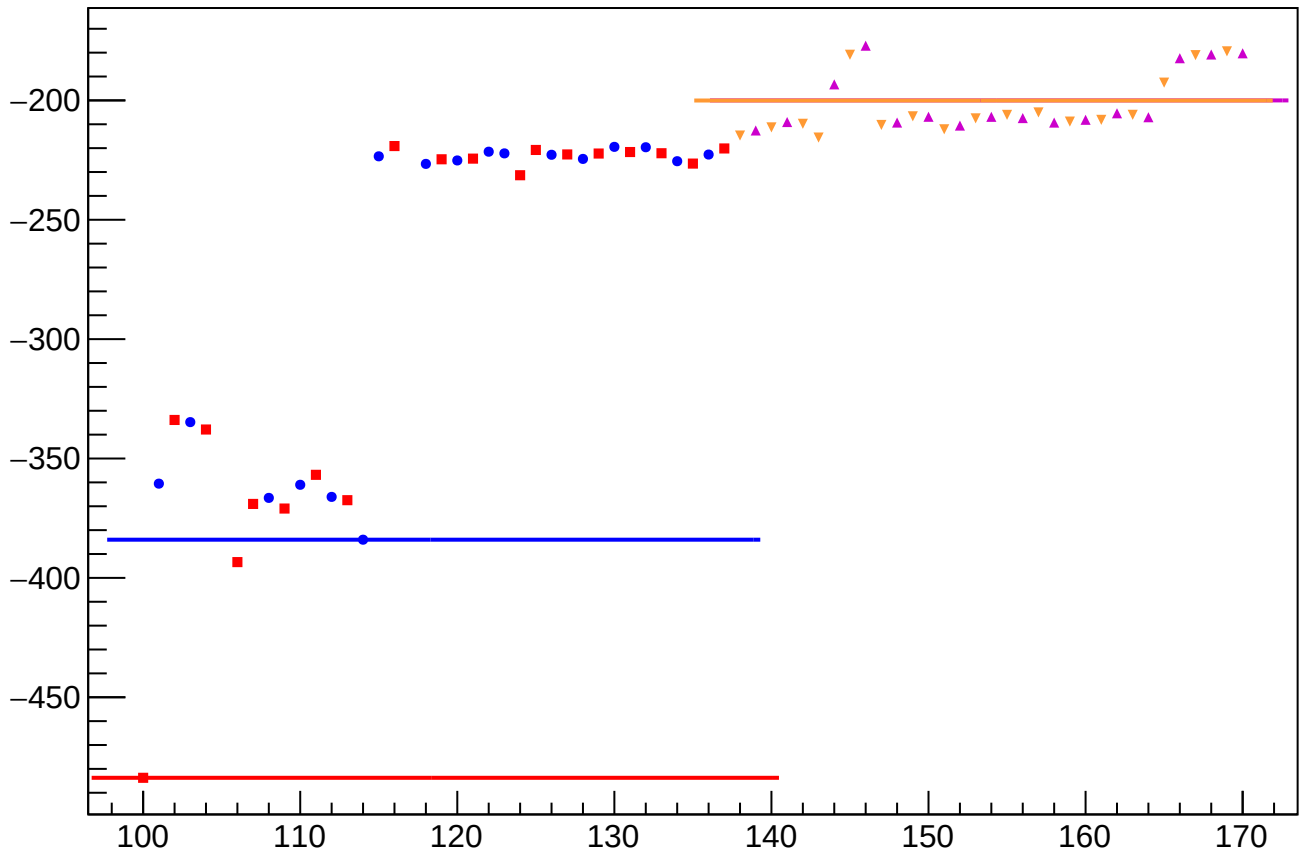
Left In: 12.485+/-0.008 χ^2/NDF : 124332.2/15

+ sign 56.366+/-0.000 χ^2/NDF : 35158461.0/33

All: 60.550+/-0.000 χ^2/NDF : 3178336126771

- sign 91.232+/-0.000 χ^2/NDF : 116987065.6/34

dit_sam2_4eY_slope vs Slug



Right In: -384.003+/-0.000 χ^2/NDF : 17098507.2/16

Left Out: -200.047+/-0.016 χ^2/NDF : 725929.5/16

+ sign -384.003+/-0.000 χ^2/NDF : 150645180.5/33

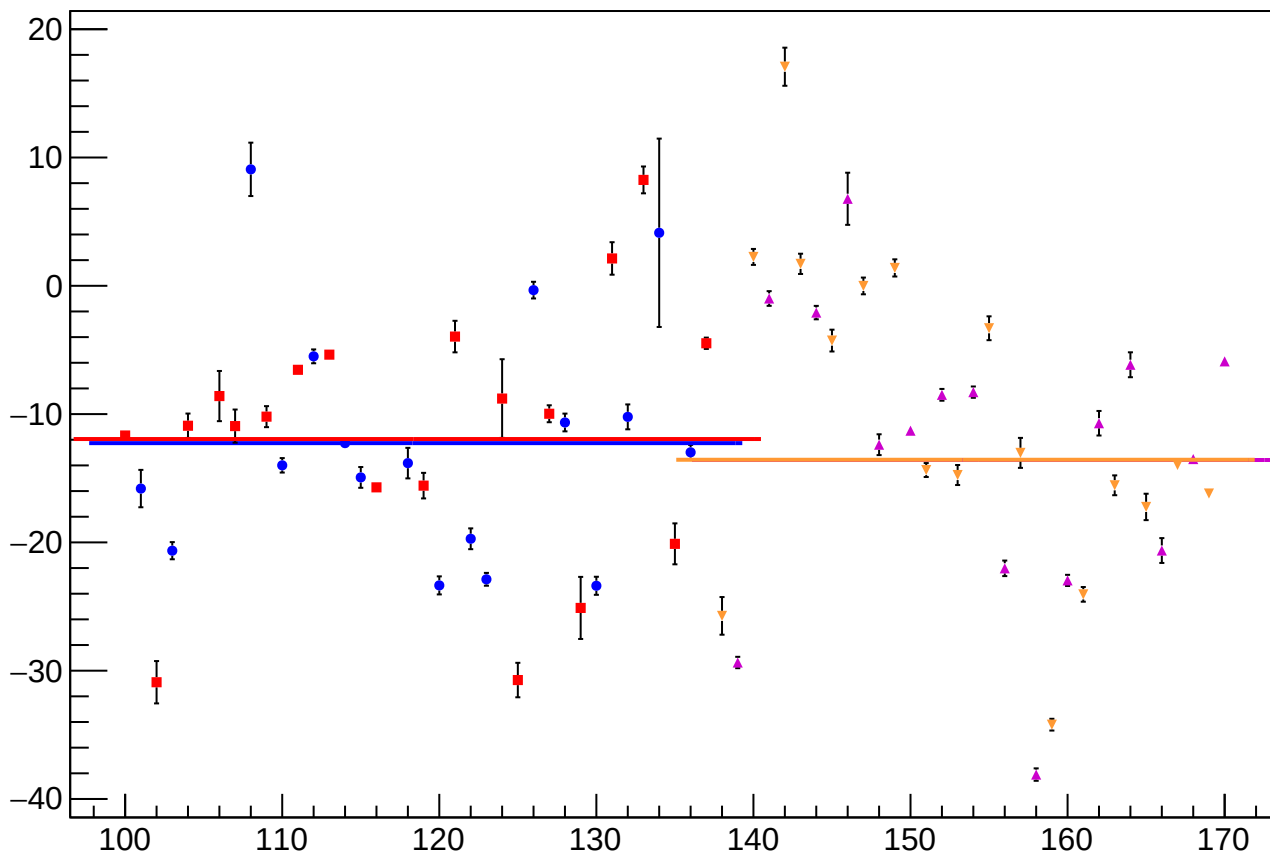
Right Out: -483.735+/-0.000 χ^2/NDF : 27646775.0/18

All: -452.390+/-0.000 χ^2/NDF : 58047820362

Left In: -200.007+/-0.015 χ^2/NDF : 707477.9/15

- sign -483.735+/-0.000 χ^2/NDF : 391379936.5/34

dit_sam3_4aX_slope vs Slug



Right In: -12.264 ± 0.000 χ^2/NDF : 1844.2/16

Left Out: -13.559 ± 0.145 χ^2/NDF : 5117.6/16

Right Out: -11.943 ± 0.108 χ^2/NDF : 2527.1/18

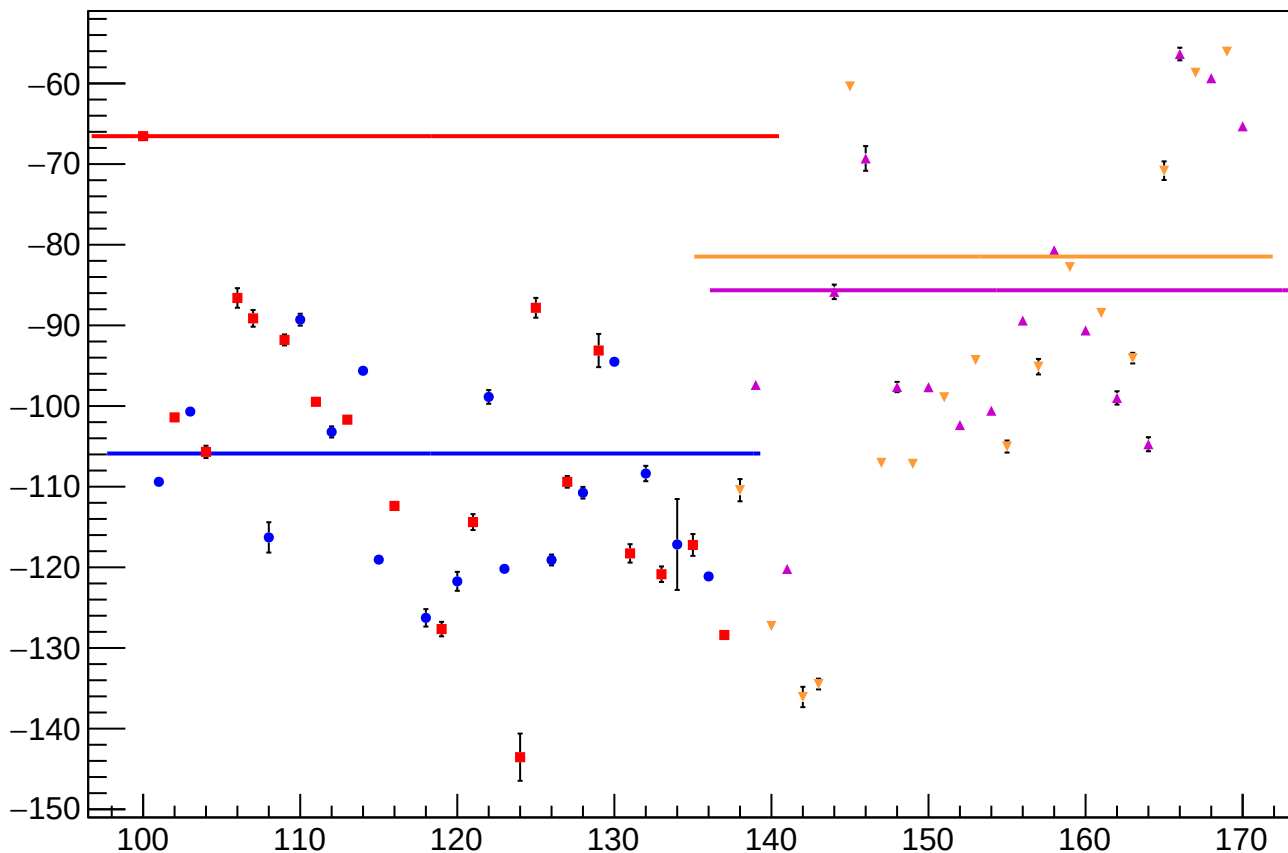
Left In: -13.578 ± 0.122 χ^2/NDF : 6728.8/15

+ sign -12.264 ± 0.000 χ^2/NDF : 7041.4/33

All: -12.264 ± 0.000 χ^2/NDF : 16422.6/68

- sign -12.661 ± 0.081 χ^2/NDF : 9356.9/34

dit_sam3_4eX_slope vs Slug



Right In: -105.886 ± 0.108 χ^2/NDF : 6351.6/16

Left Out: -81.466 ± 0.115 χ^2/NDF : 44870.2/16

Right Out: -66.536 ± 0.000 χ^2/NDF : 794335.4/18

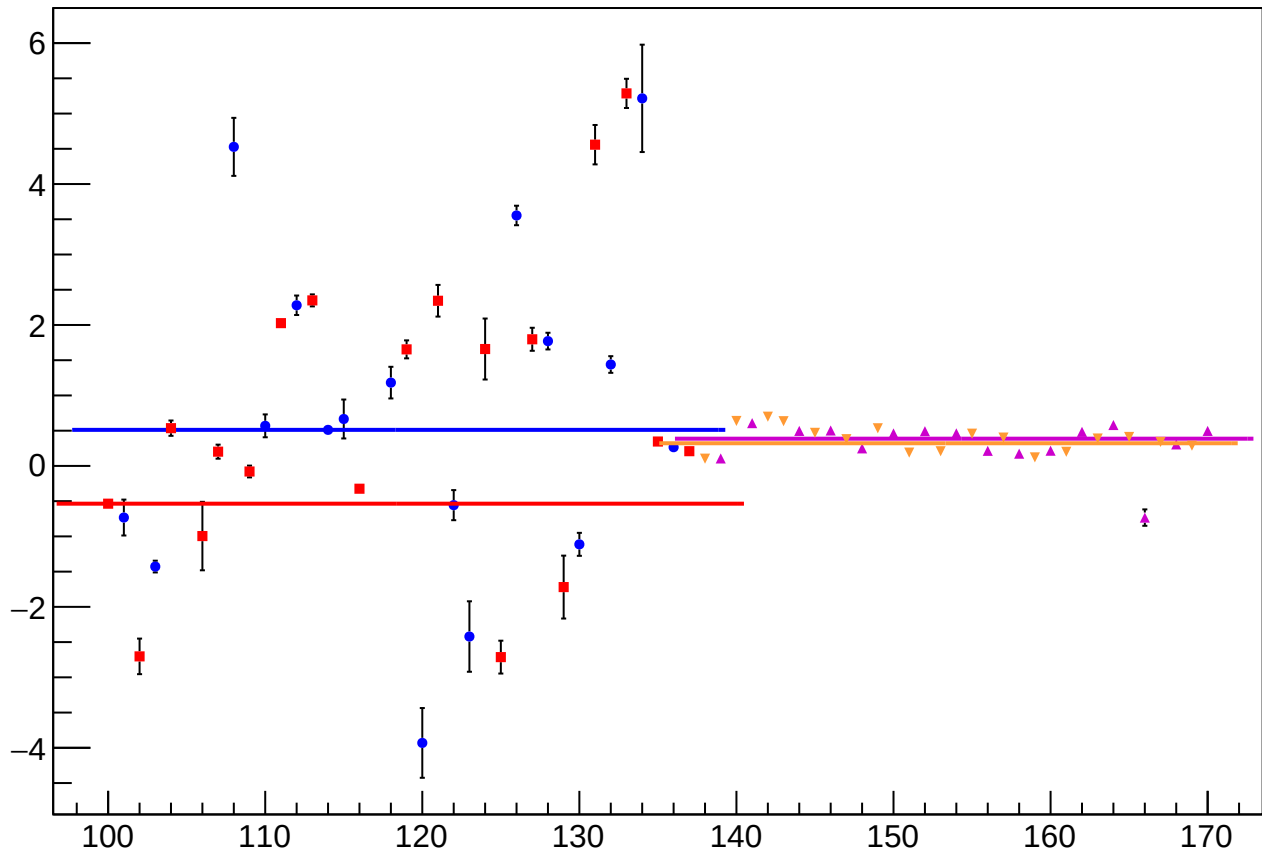
Left In: -85.647 ± 0.101 χ^2/NDF : 31757.2/15

+ sign -94.541 ± 0.079 χ^2/NDF : 75185.3/33

All: -66.536 ± 0.000 χ^2/NDF : 1063722.2/68

- sign -66.536 ± 0.000 χ^2/NDF : 861842.4/34

dit_sam3_11X12X_slope vs Slug



Right In: 0.512 $\pm$ 0.000 χ^2 /NDF: 3863.6/16

Left Out: 0.322 $\pm$ 0.002 χ^2 /NDF:6284.5/16

Right Out: -0.536 $\pm$ 0.000 χ^2 /NDF: 33055.3/18

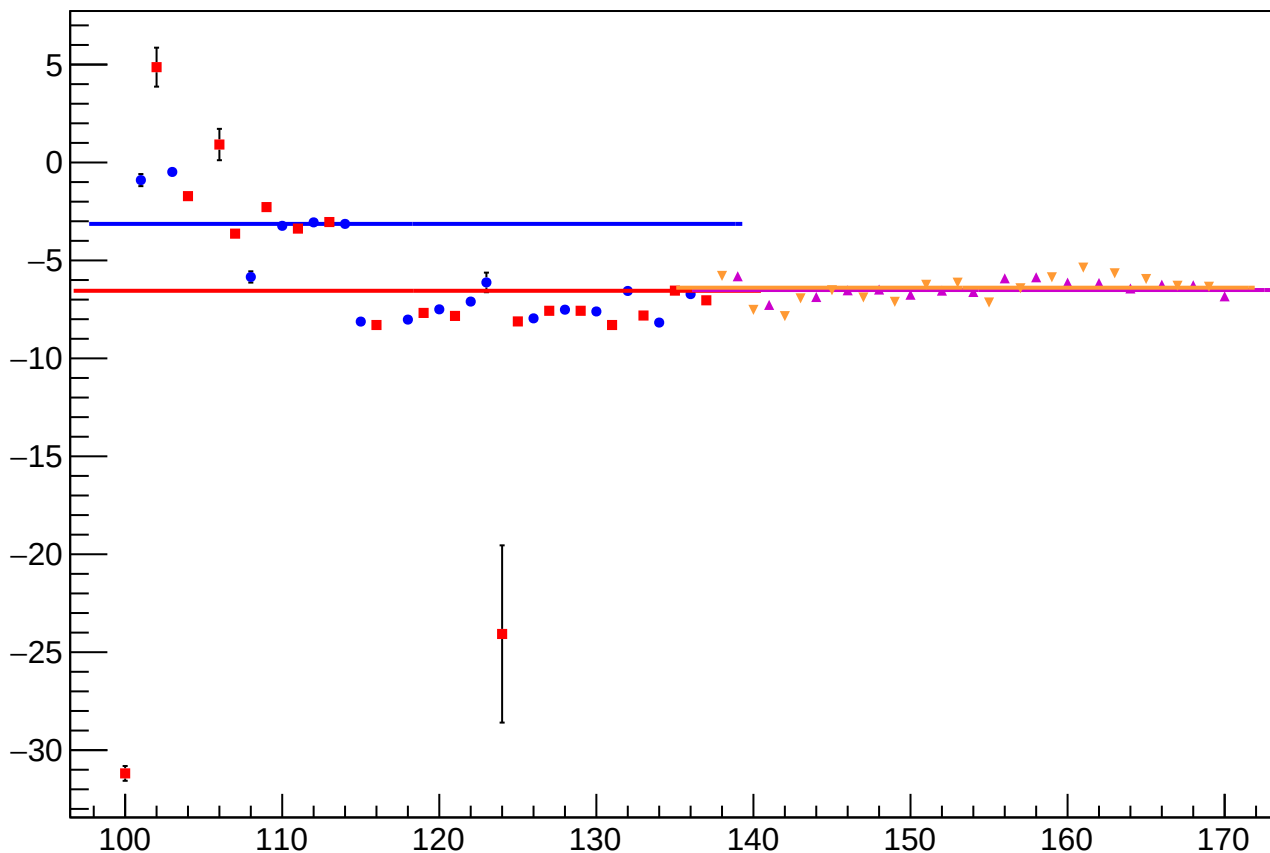
Left In: 0.387 $\pm$ 0.002 χ^2 /NDF:8286.1/15

+ sign 0.512 $\pm$ 0.000 χ^2 /NDF: 18040.7/33

All: 0.142 $\pm$ 0.000 χ^2 /NDF: 34560328403056

- sign -0.536 $\pm$ 0.000 χ^2 /NDF: 299964.1/34

dit_sam3_4aY_slope vs Slug



Right In: -3.134 ± 0.000 χ^2/NDF : 368547.6/16

Left Out: -6.392 ± 0.005 χ^2/NDF : 5965.7/16

Right Out: -6.549 ± 0.008 χ^2/NDF : 92207.3/18

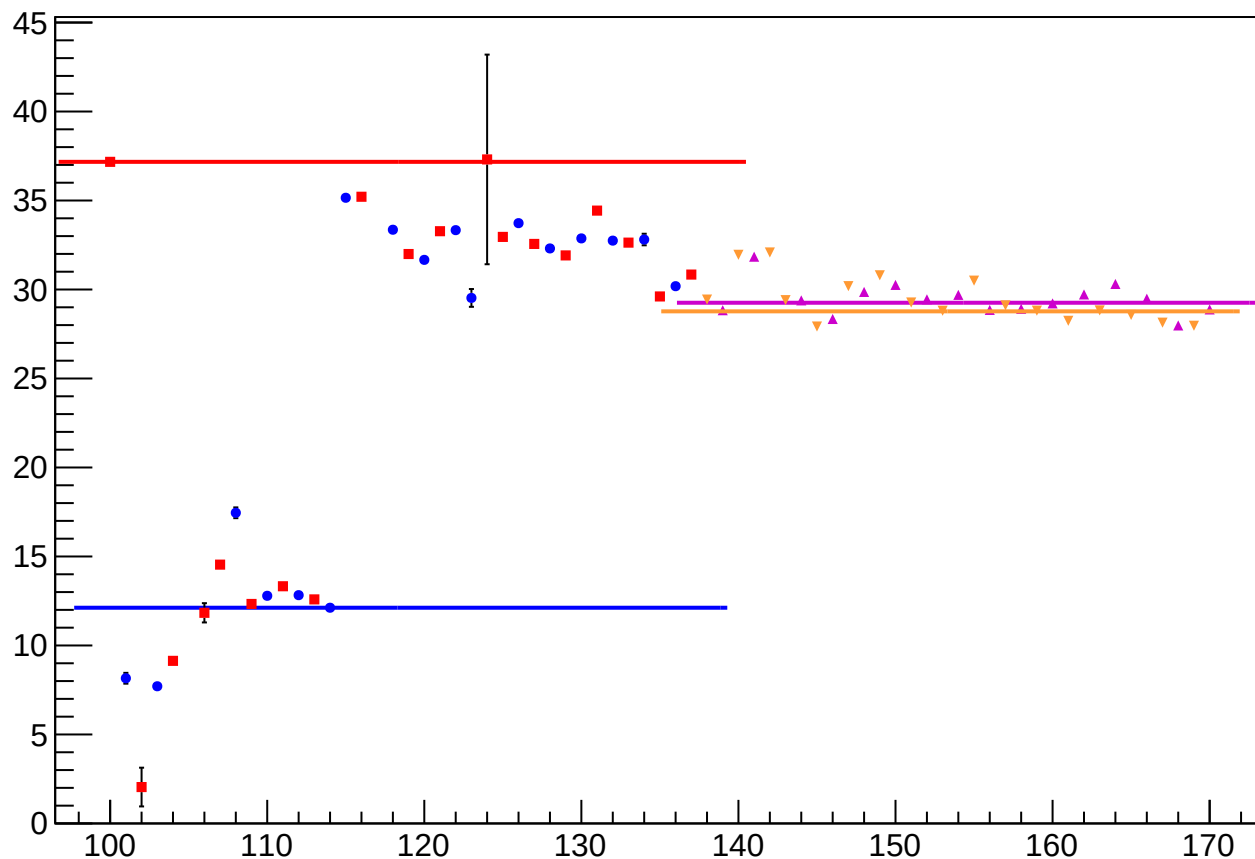
Left In: -6.511 ± 0.005 χ^2/NDF : 6498.1/15

+ sign -3.134 ± 0.000 χ^2/NDF : 742490.2/33

All: -3.134 ± 0.000 χ^2/NDF : 1520731.3/68

- sign -6.522 ± 0.004 χ^2/NDF : 98724.2/34

dit_sam3_4eY_slope vs Slug



Right In: 12.121 $\pm$ 0.000 χ^2 /NDF: 1993680.8/16

Left Out: 28.773 $\pm$ 0.009 χ^2 /NDF:12379.7/16

Right Out: 37.173 $\pm$ 0.000 χ^2 /NDF: 1531278.0/18

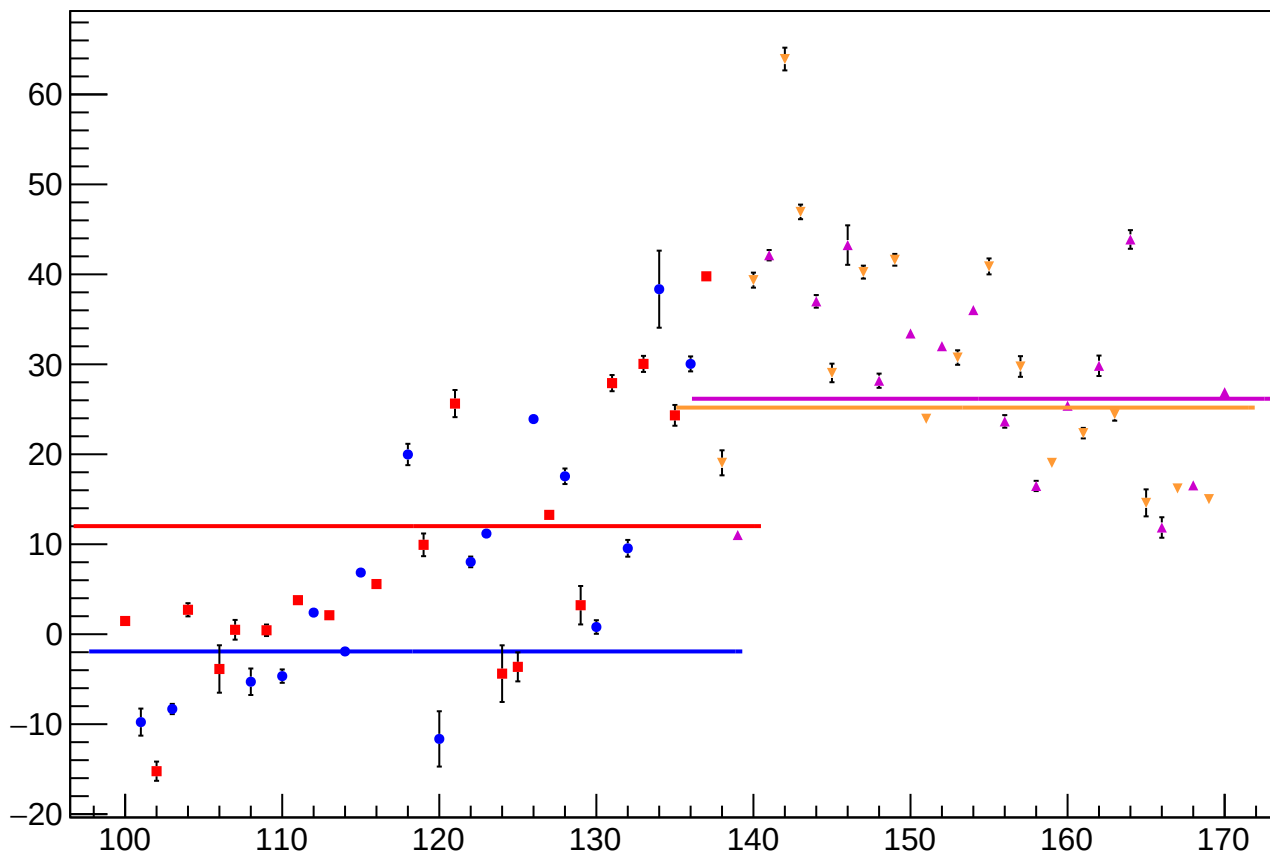
Left In: 29.256 $\pm$ 0.009 χ^2 /NDF:6376.6/15

+ sign 12.121 $\pm$ 0.000 χ^2 /NDF: 5126197.8/33

All: 15.127 $\pm$ 0.000 χ^2 /NDF: 656355411606

- sign 37.173 $\pm$ 0.000 χ^2 /NDF: 2288960.4/34

dit_sam4_4aX_slope vs Slug



Right In: -1.915 ± 0.000 χ^2/NDF : 6338.8/16

Left Out: 25.190 ± 0.158 χ^2/NDF : 4913.3/16

Right Out: 12.014 ± 0.135 χ^2/NDF : 12576.1/18

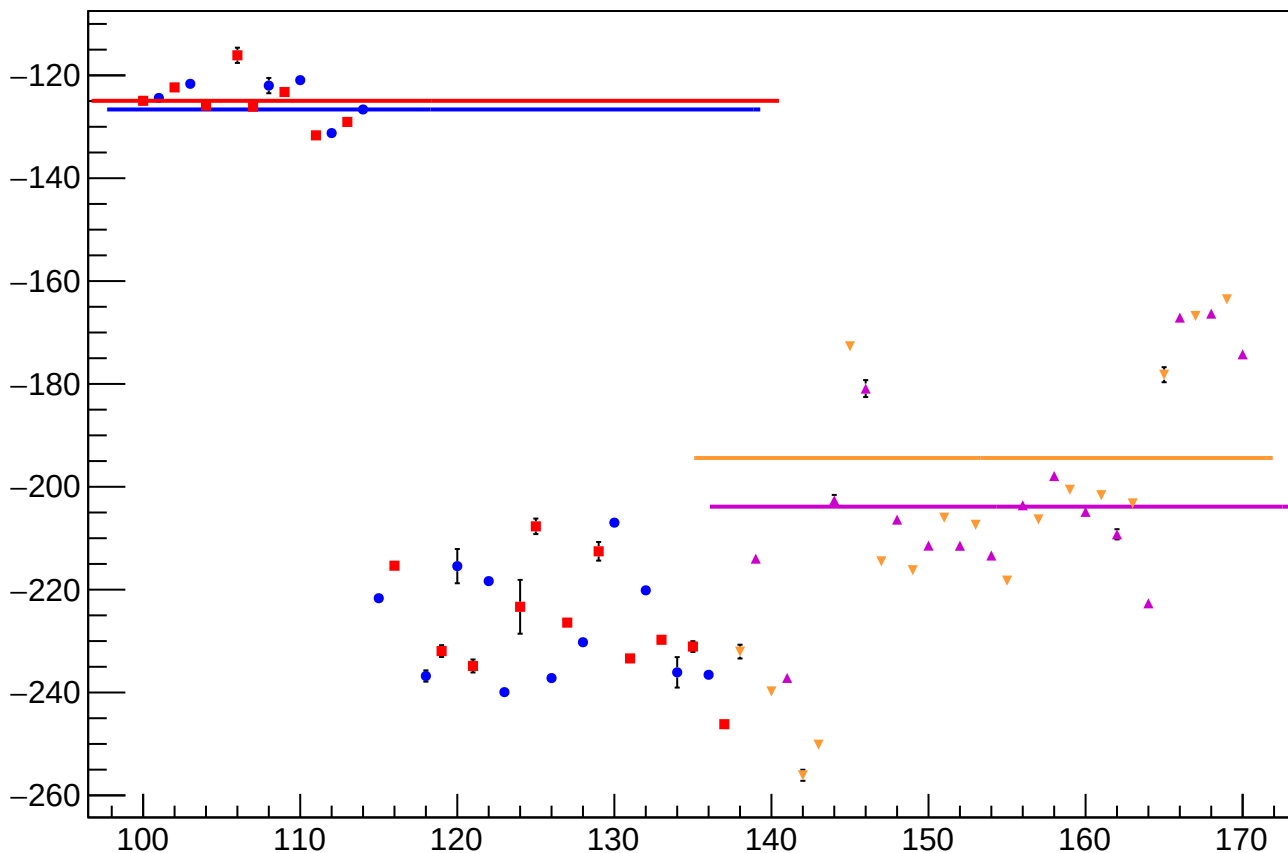
Left In: 26.172 ± 0.130 χ^2/NDF : 5437.6/15

+ sign -1.915 ± 0.000 χ^2/NDF : 40832.6/33

All: -1.915 ± 0.000 χ^2/NDF : 115879.6/68

- sign 19.348 ± 0.094 χ^2/NDF : 23697.8/34

dit_sam4_4eX_slope vs Slug



Right In: -126.632 $\pm$ 0.000 χ^2 /NDF: 278525.1/16

Left Out: -194.395 $\pm$ 0.126 χ^2 /NDF: 40656.7/16

Right Out: -124.949 $\pm$ 0.000 χ^2 /NDF: 470459.3/18

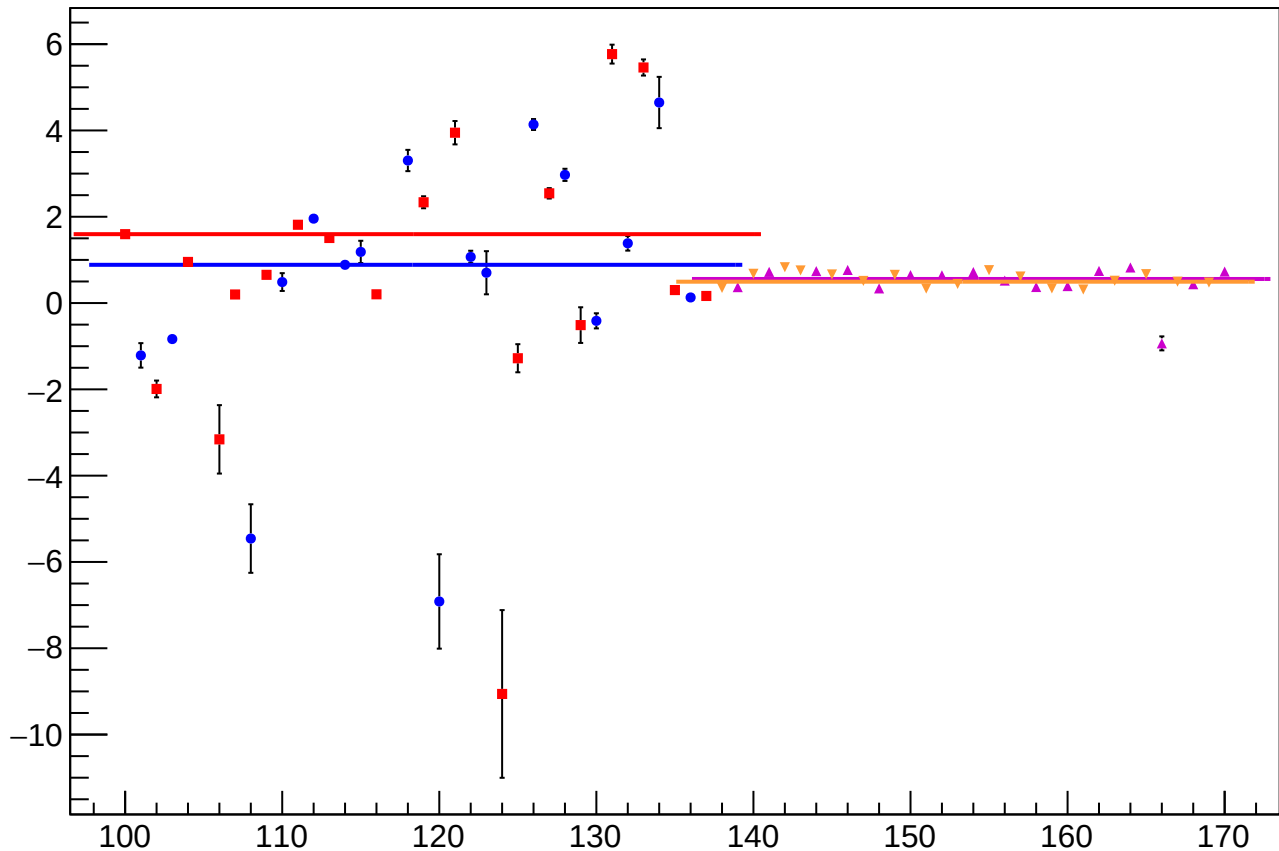
Left In: -203.862 $\pm$ 0.110 χ^2 /NDF: 26541.5/15

+ sign -126.632 $\pm$ 0.000 χ^2 /NDF: 608538.7/33

All: -126.038 $\pm$ 0.000 χ^2 /NDF: 60537895424

- sign -124.949 $\pm$ 0.000 χ^2 /NDF: 1011981.0/34

dit_sam4_11X12X_slope vs Slug



Right In: 0.886 ± 0.000 χ^2/NDF : 9294.4/16

Left Out: 0.495 ± 0.003 χ^2/NDF : 3313.1/16

Right Out: 1.597 ± 0.000 χ^2/NDF : 4615.5/18

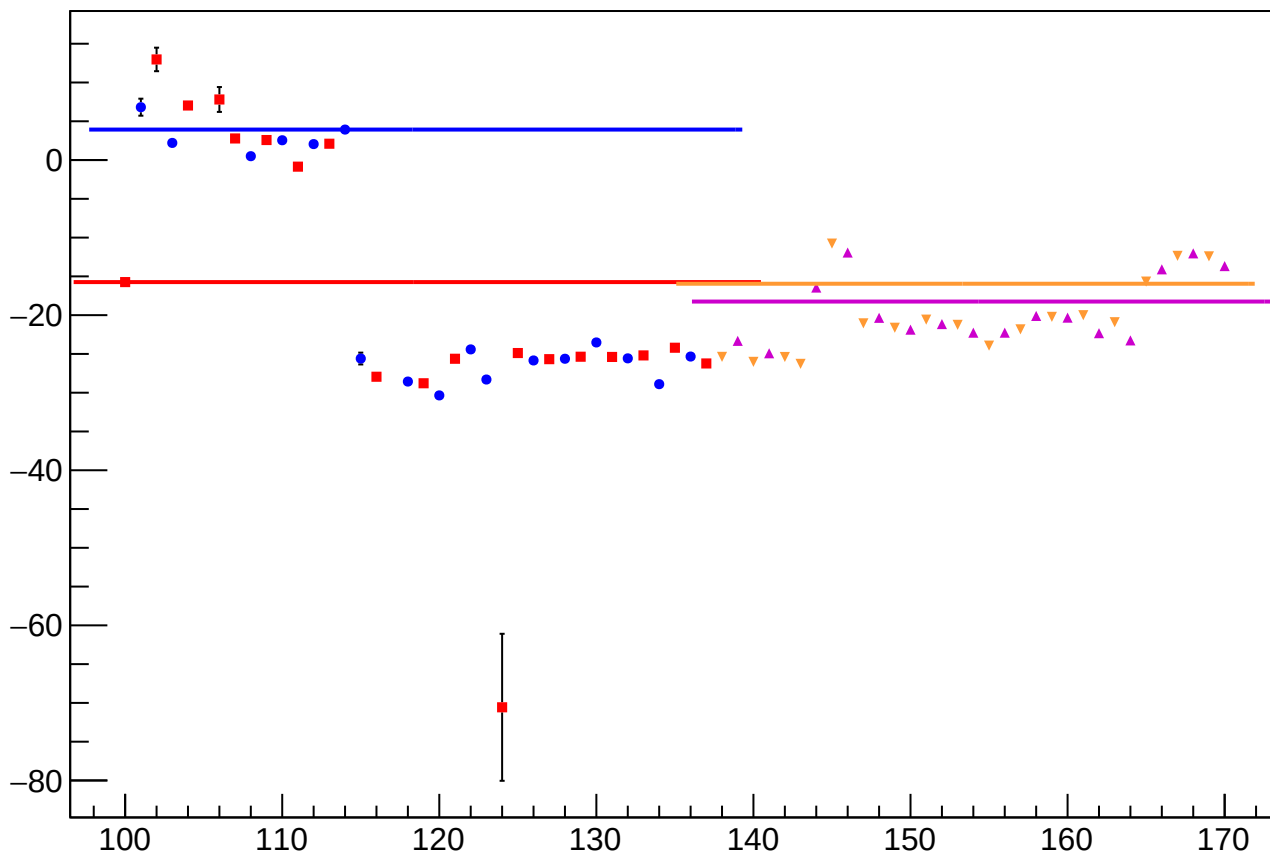
Left In: 0.558 ± 0.002 χ^2/NDF : 5284.8/15

+ sign 0.886 ± 0.000 χ^2/NDF : 34763.9/33

All: 1.137 ± 0.000 χ^2/NDF : 39737604737084

- sign 1.597 ± 0.000 χ^2/NDF : 229172.7/34

dit_sam4_4aY_slope vs Slug



Right In: 3.930 ± 0.000 χ^2/NDF : 6140834.2/16

Left Out: -15.950 ± 0.012 χ^2/NDF : 162838.8/16

Right Out: -15.737 ± 0.000 χ^2/NDF : 267951.2/18

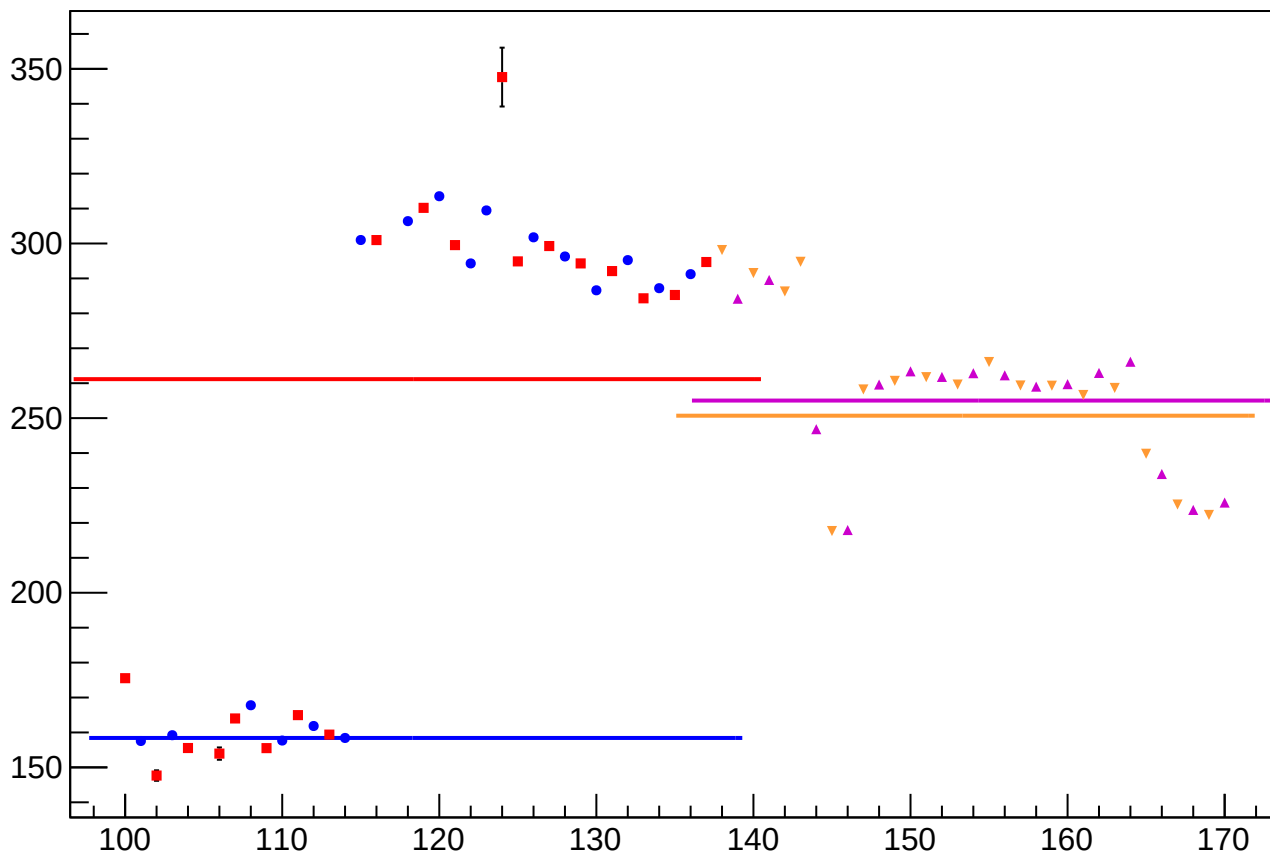
Left In: -18.247 ± 0.013 χ^2/NDF : 100411.9/15

+ sign 3.930 ± 0.000 χ^2/NDF : 8873788.1/33

All: 3.282 ± 0.000 χ^2/NDF : 71120480173548

- sign -15.737 ± 0.000 χ^2/NDF : 408219.4/34

dit_sam4_4eY_slope vs Slug



Right In: 158.426+/-0.000 χ^2/NDF : 3516706.2/16

Left Out: 250.694+/-0.031 χ^2/NDF : 574820.1/16

Right Out: 261.159+/-0.058 χ^2/NDF : 1071248.7/18

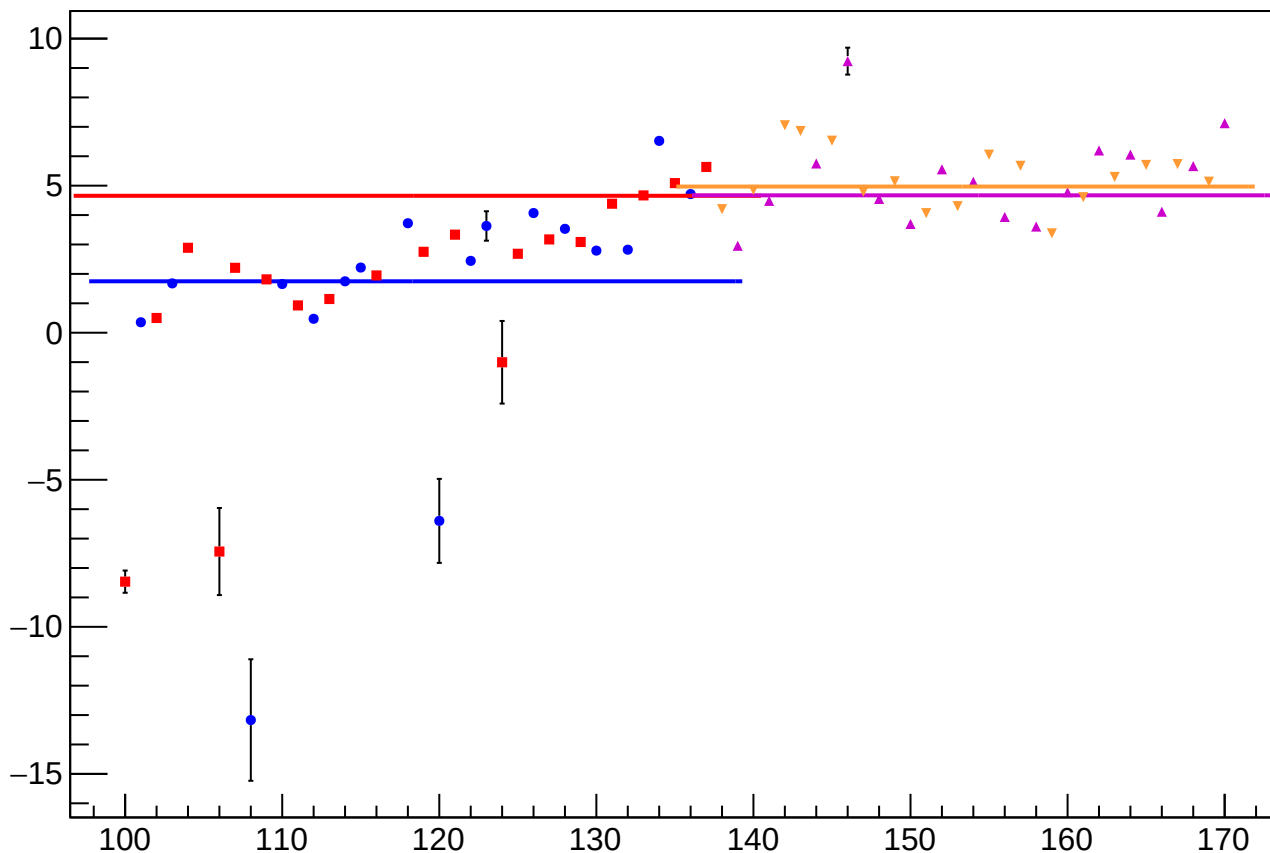
Left In: 255.028+/-0.030 χ^2/NDF : 259536.7/15

+ sign 158.426+/-0.000 χ^2/NDF : 12812537.2/33

All: 158.426+/-0.000 χ^2/NDF : 27654735.3/68

- sign 256.305+/-0.027 χ^2/NDF : 1339522.1/34

dit_sam5_4aX_slope vs Slug



Right In: 1.748 ± 0.000 $\chi^2/\text{NDF}: 11344.3/16$

Left Out: 4.970 ± 0.015 $\chi^2/\text{NDF}: 2221.1/16$

Right Out: 4.656 ± 0.006 $\chi^2/\text{NDF}: 68303.7/18$

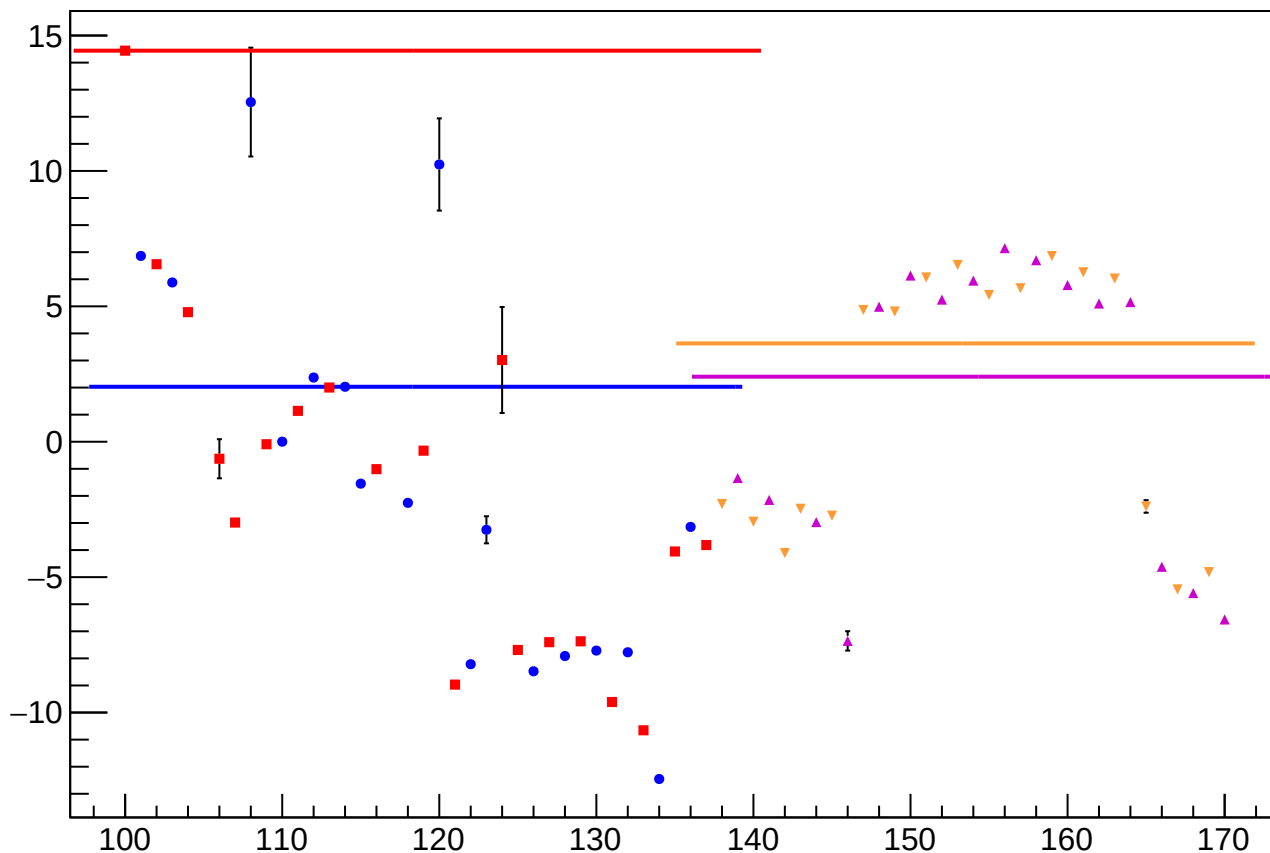
Left In: 4.671 ± 0.014 $\chi^2/\text{NDF}: 8412.5/15$

+ sign 1.748 ± 0.000 $\chi^2/\text{NDF}: 57653.8/33$

All: 1.748 ± 0.000 $\chi^2/\text{NDF}: 386025.6/68$

- sign 4.658 ± 0.006 $\chi^2/\text{NDF}: 76717.2/34$

dit_sam5_4eX_slope vs Slug



Right In: 2.030+/-0.000 χ^2/NDF : 202792.6/16

Left Out: 3.630+/-0.013 χ^2/NDF : 93455.2/16

Right Out: 14.441+/-0.000 χ^2/NDF : 5836025.9/18

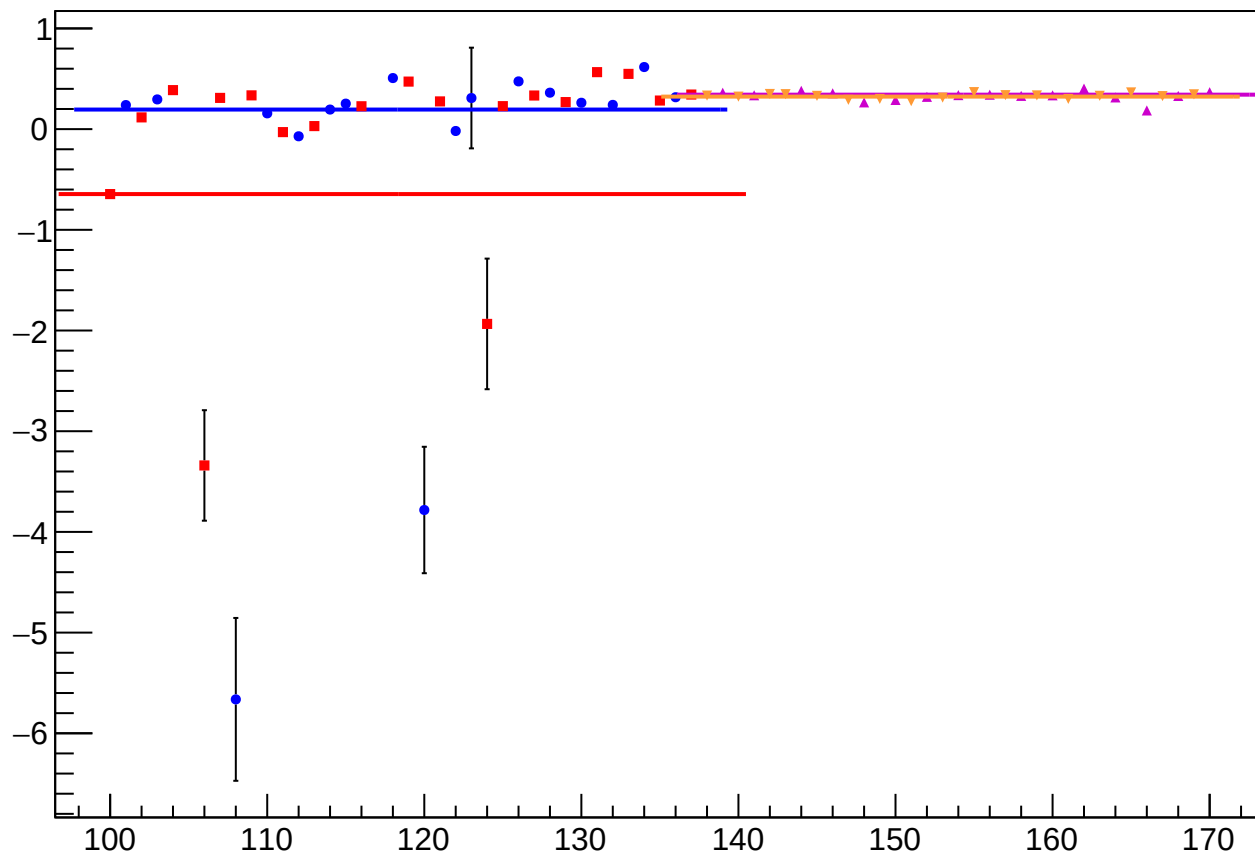
Left In: 2.402+/-0.012 χ^2/NDF : 167603.1/15

+ sign 2.030+/-0.000 χ^2/NDF : 312014.7/33

All: 2.439+/-0.000 χ^2/NDF : 7081114534903

- sign 14.441+/-0.000 χ^2/NDF : 6978066.1/34

dit_sam5_11X12X_slope vs Slug



Right In: 0.194 $\pm$ 0.000 χ^2 /NDF: 9617.3/16

Left Out: 0.323 $\pm$ 0.001 χ^2 /NDF: 1486.8/16

Right Out: -0.645 $\pm$ 0.000 χ^2 /NDF: 191963.2/18

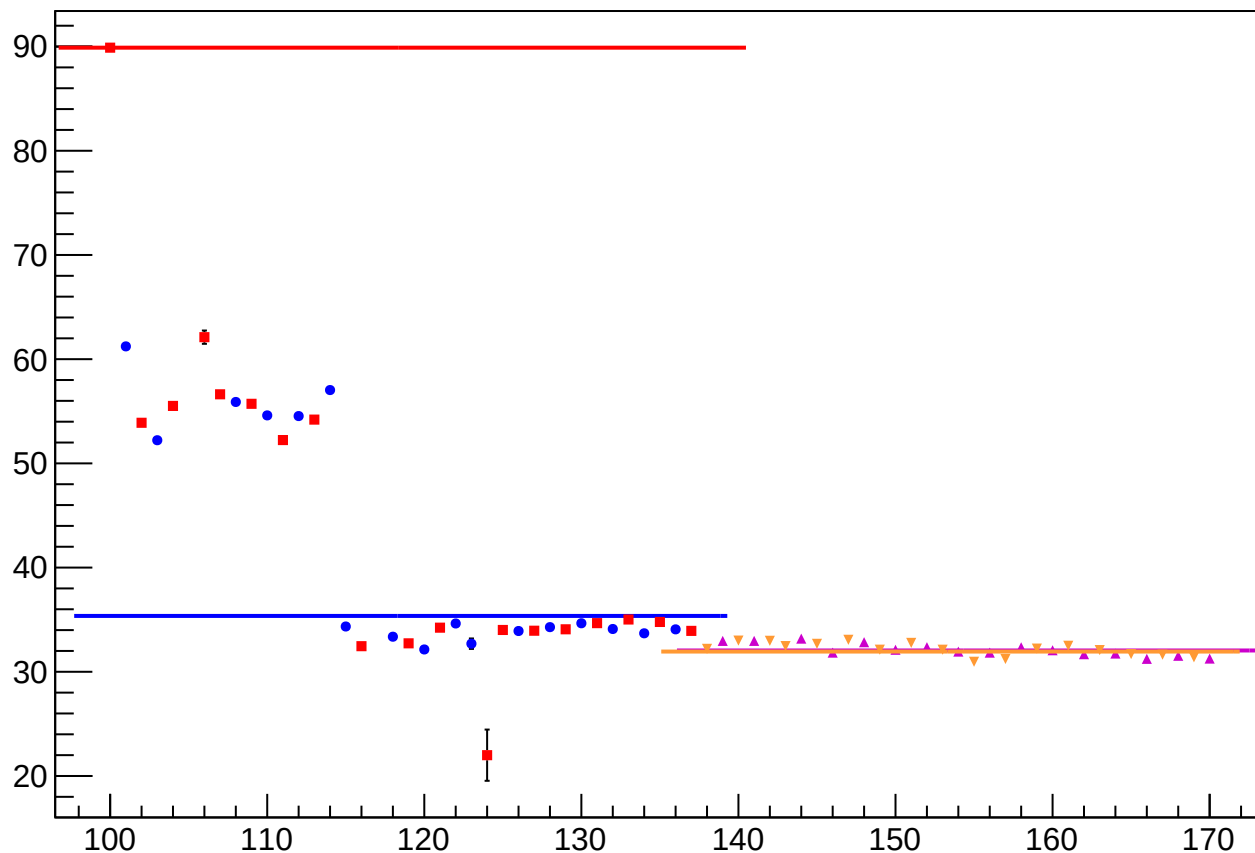
Left In: 0.342 $\pm$ 0.001 χ^2 /NDF: 3181.2/15

+ sign 0.194 $\pm$ 0.000 χ^2 /NDF: 55562.9/33

All: 0.167 $\pm$ 0.000 χ^2 /NDF: 3316576528455

- sign -0.645 $\pm$ 0.000 χ^2 /NDF: 2964099.7/34

dit_sam5_4aY_slope vs Slug



Right In: 35.361 ± 0.011 $\chi^2/\text{NDF}: 204481.2/16$

Left Out: 31.942 ± 0.003 $\chi^2/\text{NDF}: 18887.4/16$

Right Out: 89.893 ± 0.000 $\chi^2/\text{NDF}: 68670863.1/18$

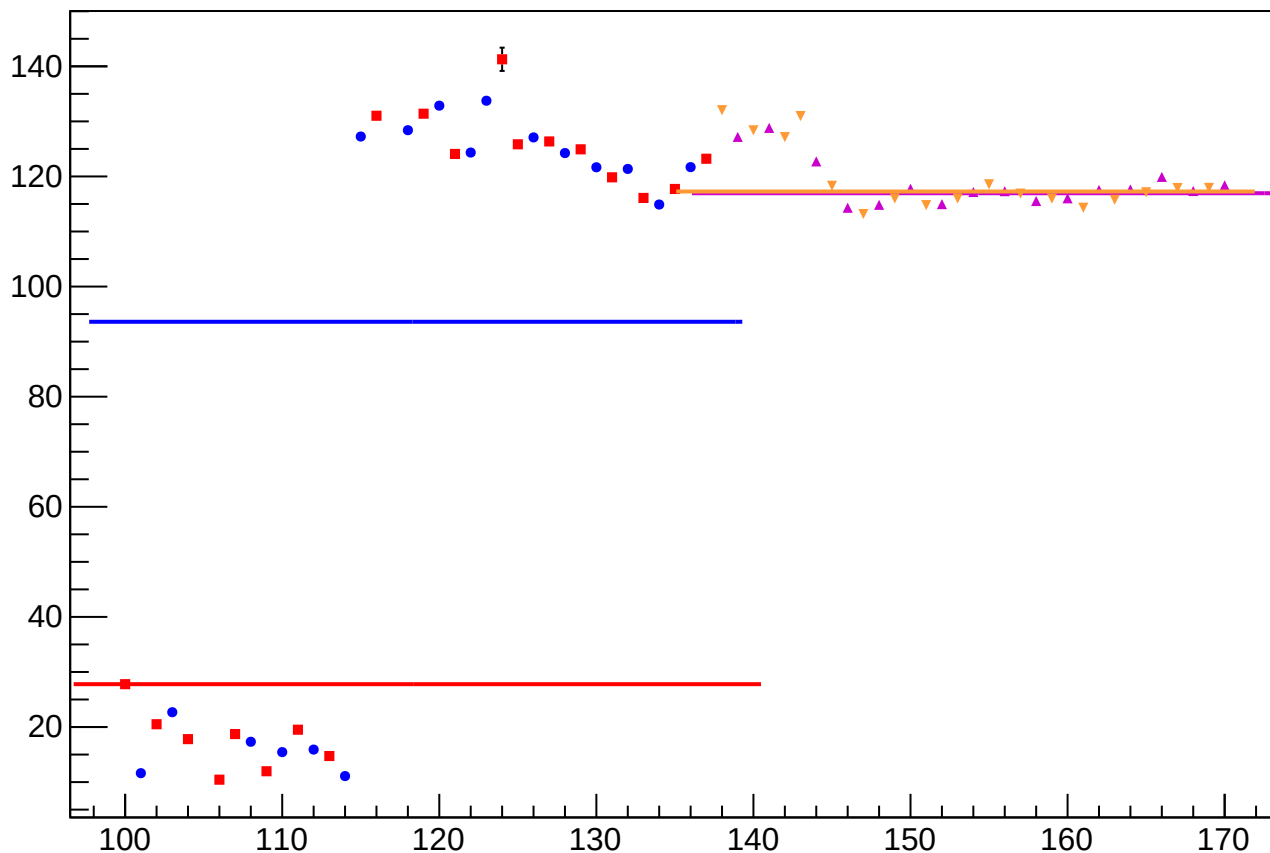
Left In: 32.045 ± 0.004 $\chi^2/\text{NDF}: 11658.1/15$

+ sign 32.252 ± 0.003 $\chi^2/\text{NDF}: 310061.9/33$

All: 89.893 ± 0.000 $\chi^2/\text{NDF}: 581593056.3/68$

- sign 89.893 ± 0.000 $\chi^2/\text{NDF}: 282648269.6/34$

dit_sam5_4eY_slope vs Slug



Right In: 93.605 $\pm$ 0.027 χ^2 /NDF: 2987877.5/16

Left Out: 117.267 $\pm$ 0.008 χ^2 /NDF: 139355.7/16

Right Out: 27.785 $\pm$ 0.000 χ^2 /NDF: 7919263.8/18

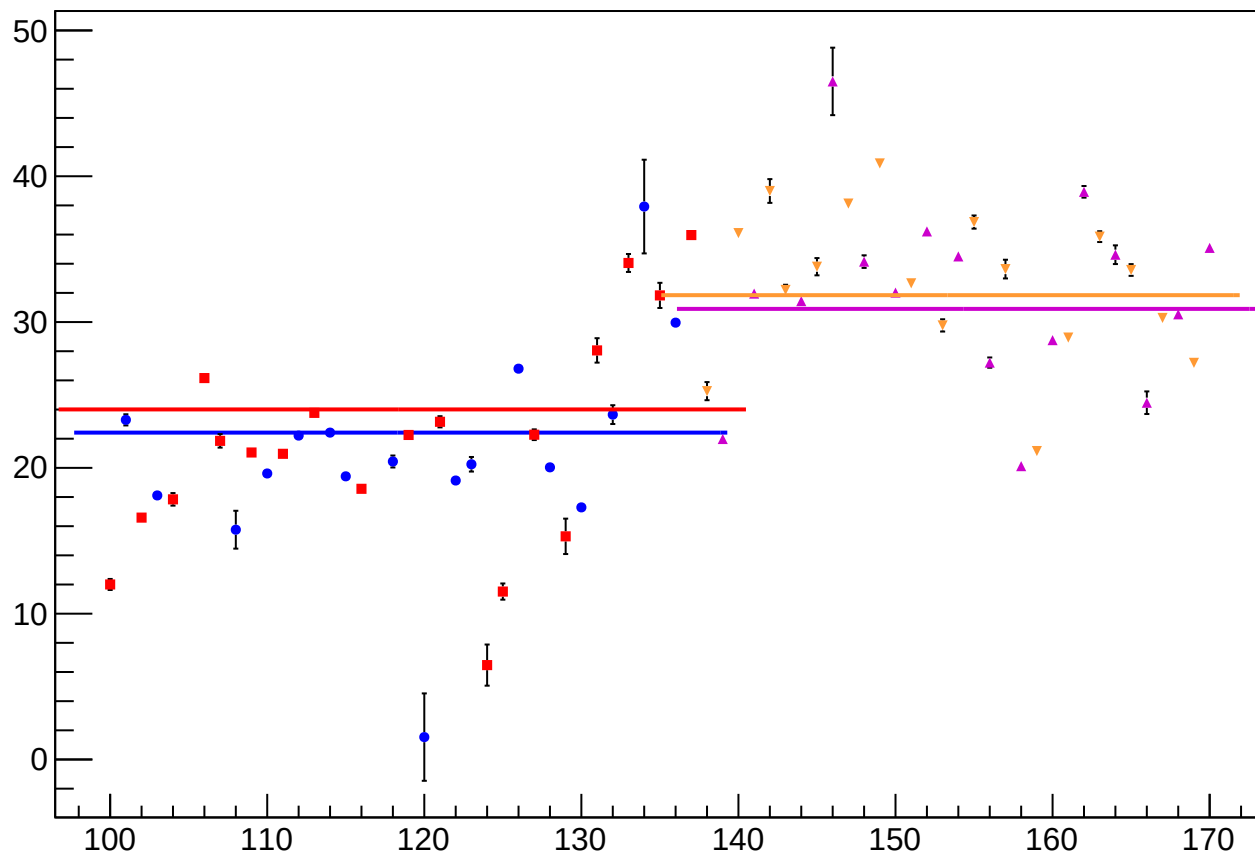
Left In: 116.951 $\pm$ 0.009 χ^2 /NDF: 43895.3/15

+ sign 115.213 $\pm$ 0.008 χ^2 /NDF: 3833781.6/33

All: 27.785 $\pm$ 0.000 χ^2 /NDF: 227525716.1/68

- sign 27.785 $\pm$ 0.000 χ^2 /NDF: 102012354.7/34

dit_sam6_4aX_slope vs Slug



Right In: 22.418 $\pm$ 0.000 χ^2 /NDF: 3247.9/16

Left Out: 31.844 $\pm$ 0.083 χ^2 /NDF: 4054.5/16

Right Out: 24.008 $\pm$ 0.058 χ^2 /NDF: 15408.9/18

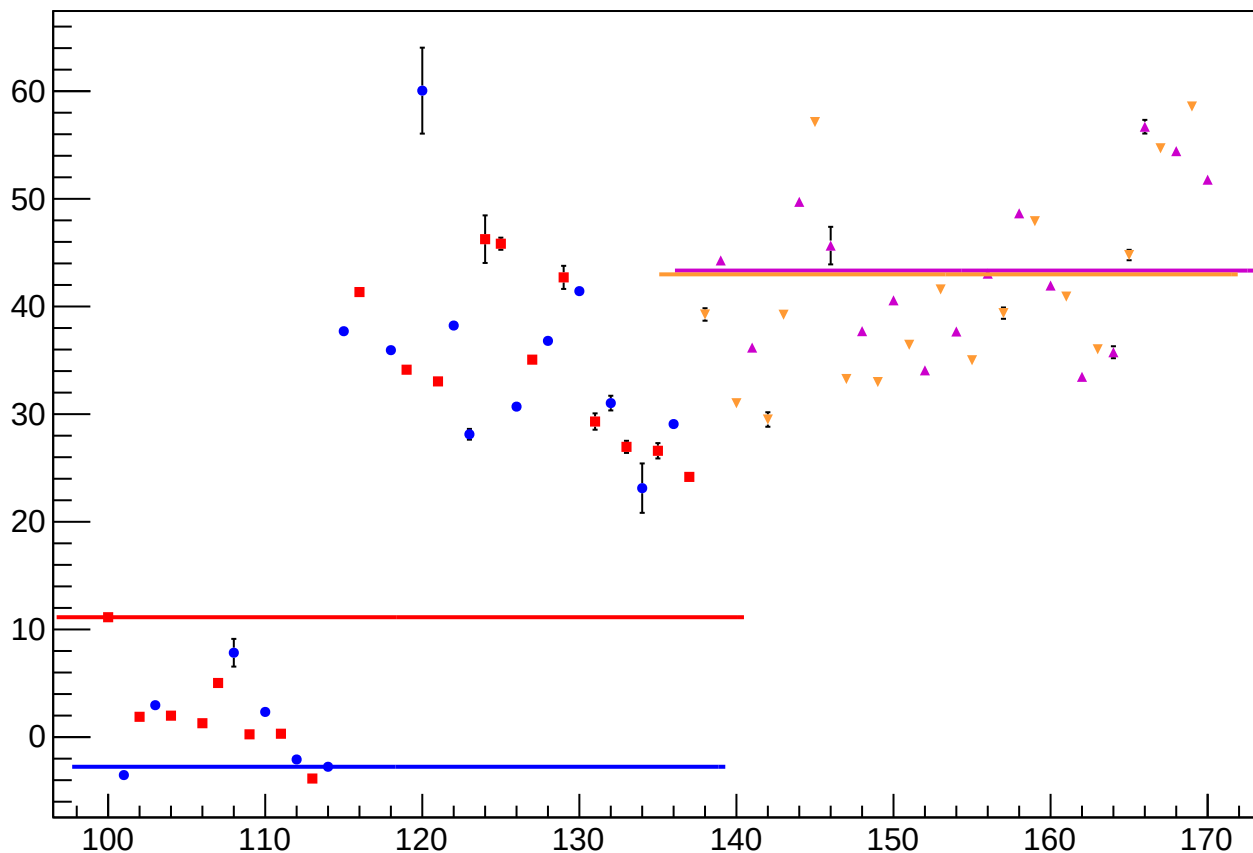
Left In: 30.903 $\pm$ 0.068 χ^2 /NDF: 5463.3/15

+ sign 22.418 $\pm$ 0.000 χ^2 /NDF: 20318.7/33

All: 22.418 $\pm$ 0.000 χ^2 /NDF: 57419.2/68

- sign 26.886 $\pm$ 0.044 χ^2 /NDF: 26822.5/34

dit_sam6_4eX_slope vs Slug



Right In: -2.754 ± 0.000 χ^2/NDF : 149281.3/16

Left Out: 42.985 ± 0.068 χ^2/NDF : 18148.1/16

Right Out: 11.137 ± 0.000 χ^2/NDF : 2575367.3/18

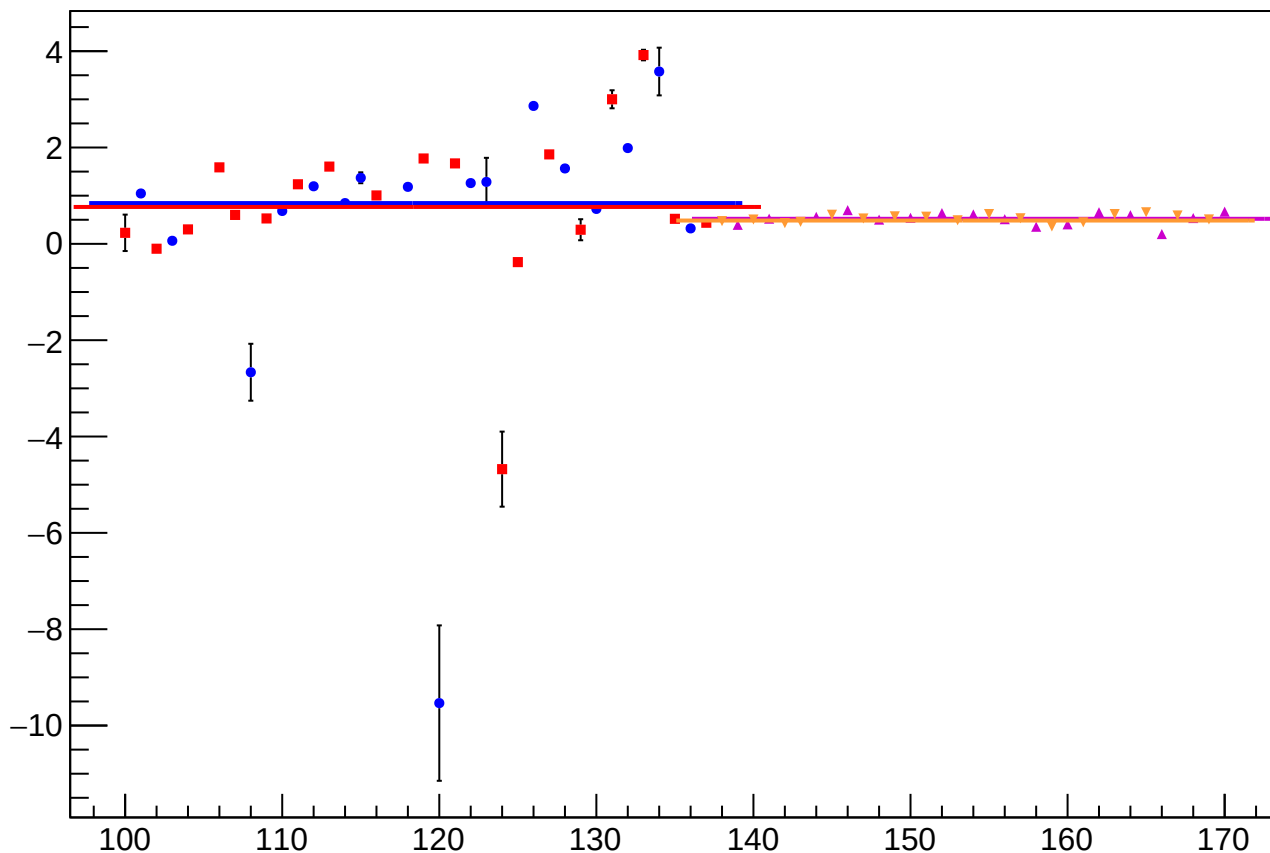
Left In: 43.336 ± 0.057 χ^2/NDF : 12516.0/15

+ sign -2.754 ± 0.000 χ^2/NDF : 614791.4/33

All: -2.637 ± 0.000 χ^2/NDF : 9095226728437

- sign 11.137 ± 0.000 χ^2/NDF : 2906904.7/34

dit_sam6_11X12X_slope vs Slug



Right In: 0.846+/-0.000 χ^2/NDF : 16305.8/16

Left Out: 0.484+/-0.001 χ^2/NDF : 6366.0/16

Right Out: 0.766+/-0.007 χ^2/NDF : 4211.3/18

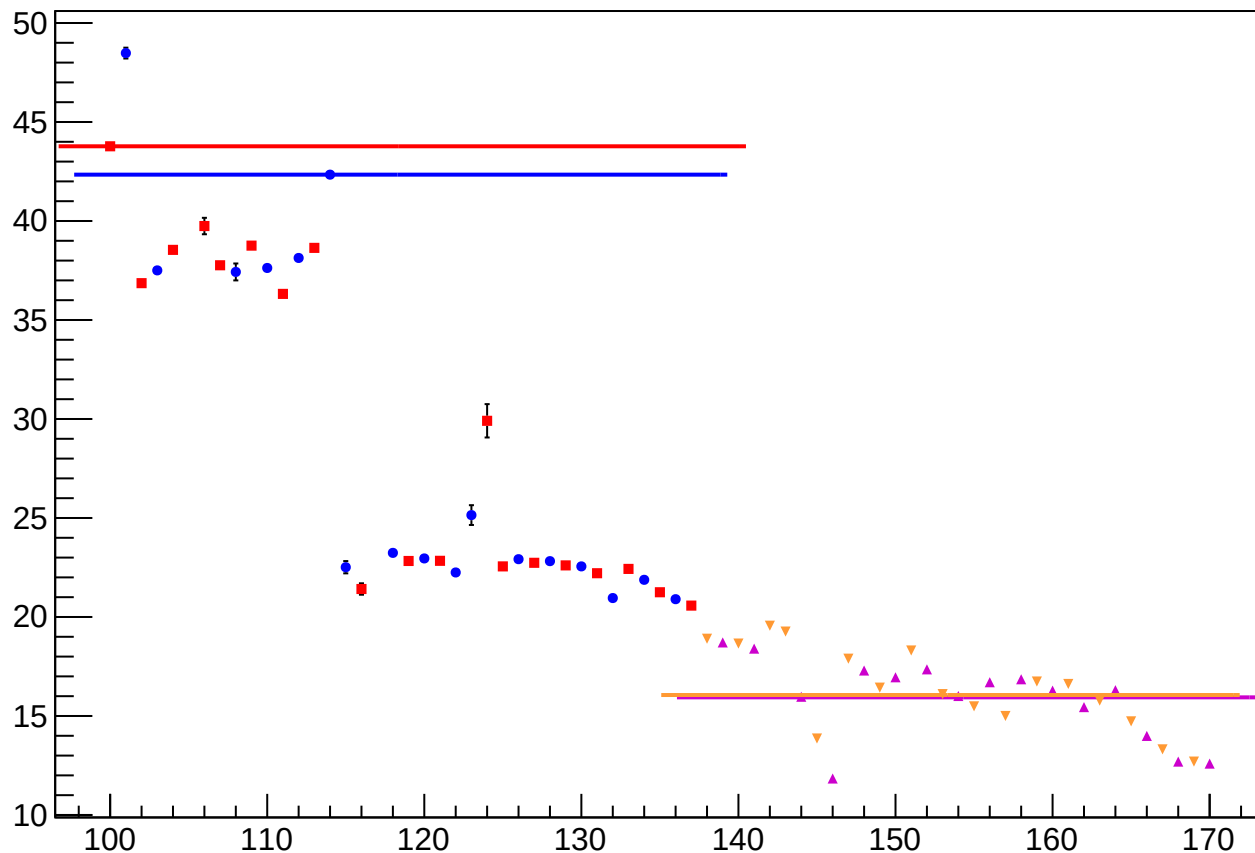
Left In: 0.520+/-0.001 χ^2/NDF : 10506.9/15

+ sign 0.846+/-0.000 χ^2/NDF : 115845.7/33

All: 0.846+/-0.000 χ^2/NDF : 223846.2/68

- sign 0.526+/-0.001 χ^2/NDF : 15948.6/34

dit_sam6_4aY_slope vs Slug



Right In: 42.341 $\pm$ 0.000 χ^2 /NDF: 4058390.3/16

Left Out: 16.059 $\pm$ 0.006 χ^2 /NDF:126395.8/16

Right Out: 43.773 $\pm$ 0.000 χ^2 /NDF: 4579991.9/18

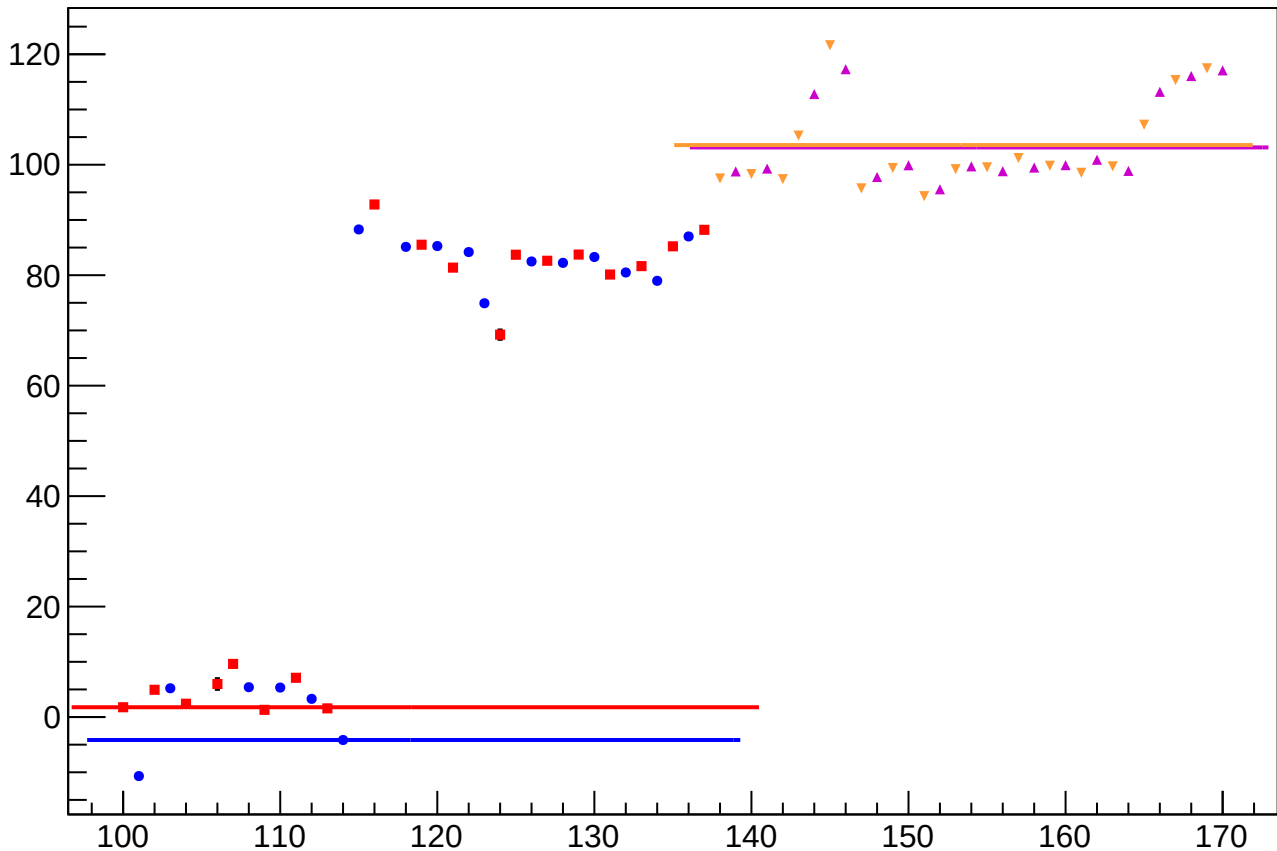
Left In: 15.941 $\pm$ 0.007 χ^2 /NDF:71494.9/15

+ sign 42.341 $\pm$ 0.000 χ^2 /NDF: 21643769.1/33

All: 42.846 $\pm$ 0.000 χ^2 /NDF: 157736039025

- sign 43.773 $\pm$ 0.000 χ^2 /NDF: 20614809.9/34

dit_sam6_4eY_slope vs Slug



Right In: -4.155 ± 0.000 χ^2/NDF : 8287312.9/16

Left Out: 103.560 ± 0.012 χ^2/NDF : 453066.4/16

Right Out: 1.777 ± 0.000 χ^2/NDF : 5403608.1/18

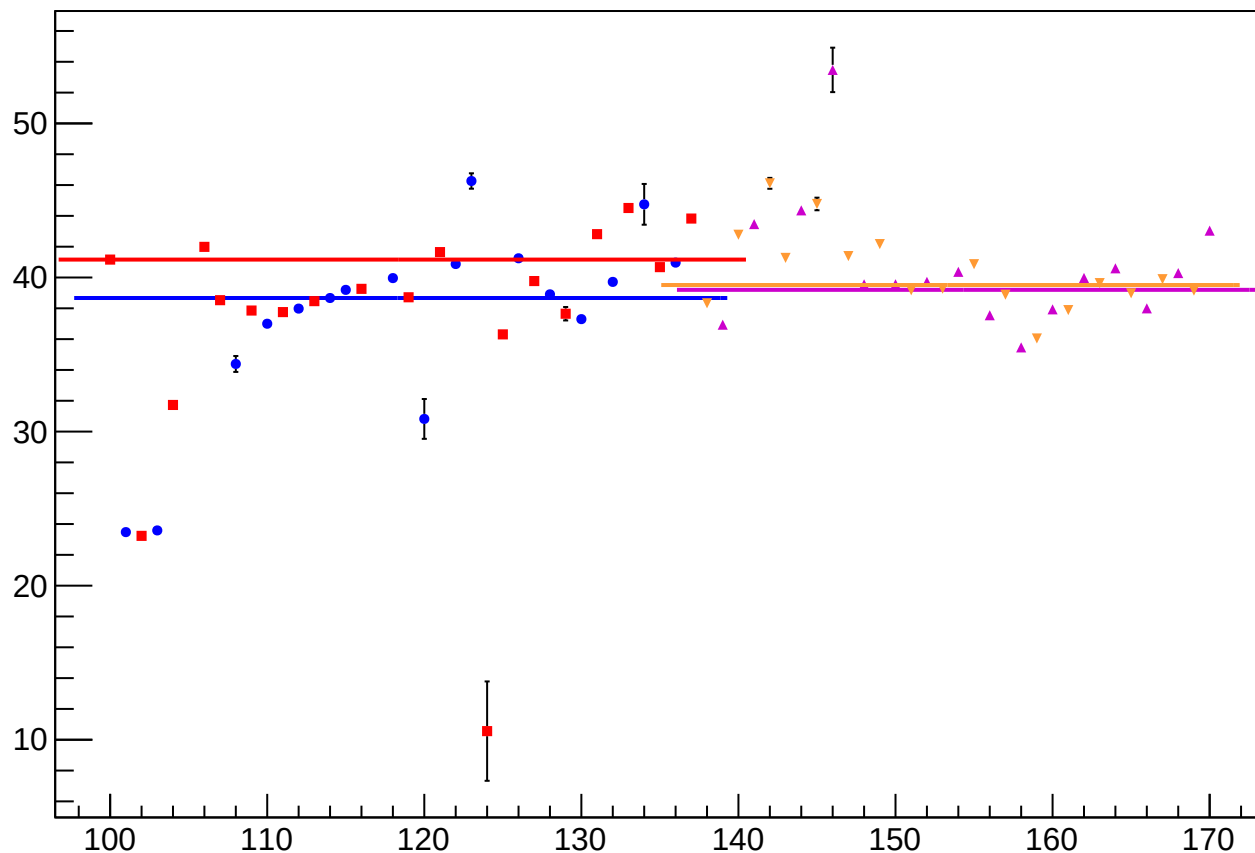
Left In: 103.131 ± 0.012 χ^2/NDF : 394383.3/15

+ sign -4.155 ± 0.000 χ^2/NDF : 90946201.1/33

All: 1.167 ± 0.000 χ^2/NDF : 44022261179950

- sign 1.777 ± 0.000 χ^2/NDF : 81924963.3/34

dit_sam7_4aX_slope vs Slug



Right In: 38.669+/-0.000 χ^2/NDF : 59984.0/16

Left Out: 39.512+/-0.033 χ^2/NDF : 3892.1/16

Right Out: 41.163+/-0.000 χ^2/NDF : 38410.9/18

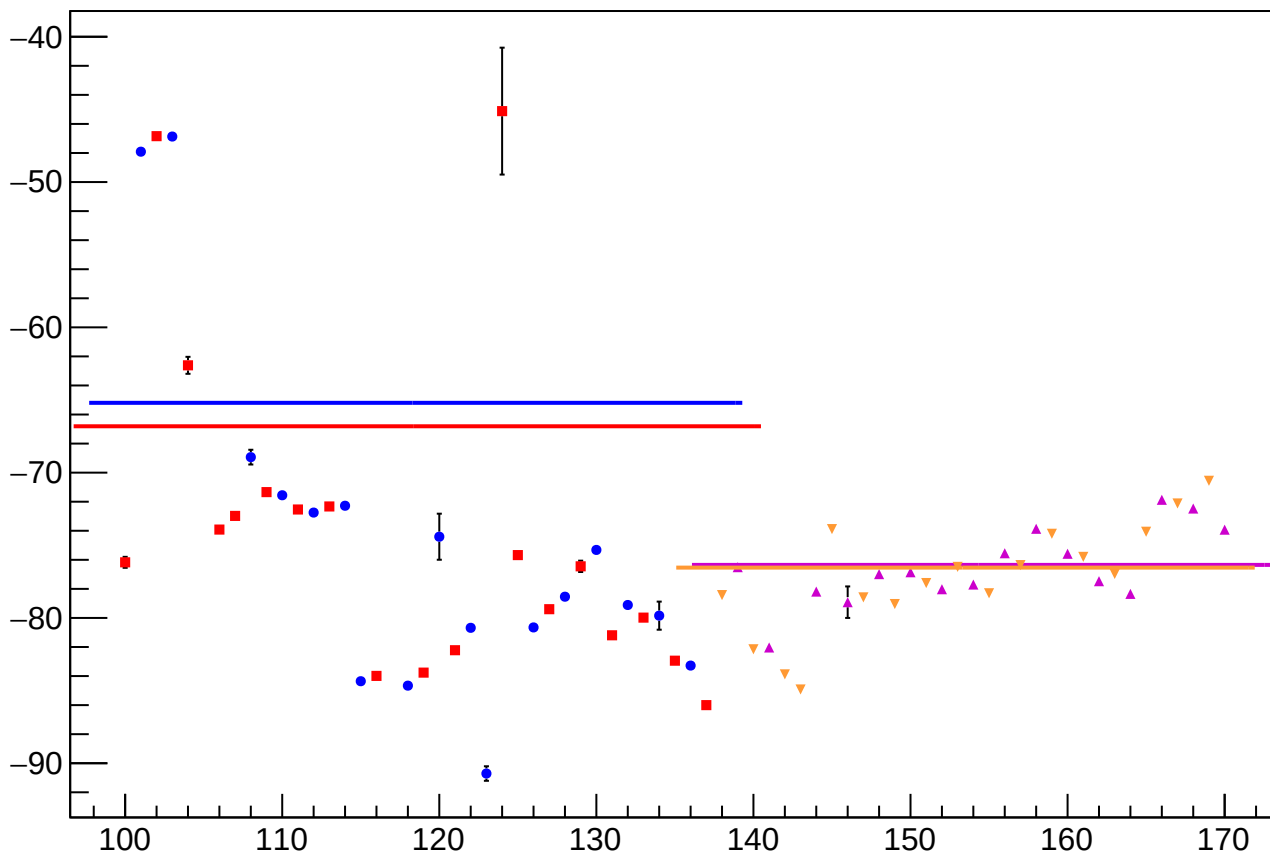
Left In: 39.199+/-0.026 χ^2/NDF : 7164.7/15

+ sign 38.669+/-0.000 χ^2/NDF : 64516.1/33

All: 39.550+/-0.000 χ^2/NDF : 4780640080062

- sign 41.163+/-0.000 χ^2/NDF : 51133.7/34

dit_sam7_4eX_slope vs Slug



Right In: -65.195 ± 0.019 χ^2/NDF : 784258.8/16

Left Out: -76.536 ± 0.027 χ^2/NDF : 18294.0/16

Right Out: -66.809 ± 0.016 χ^2/NDF : 809951.7/18

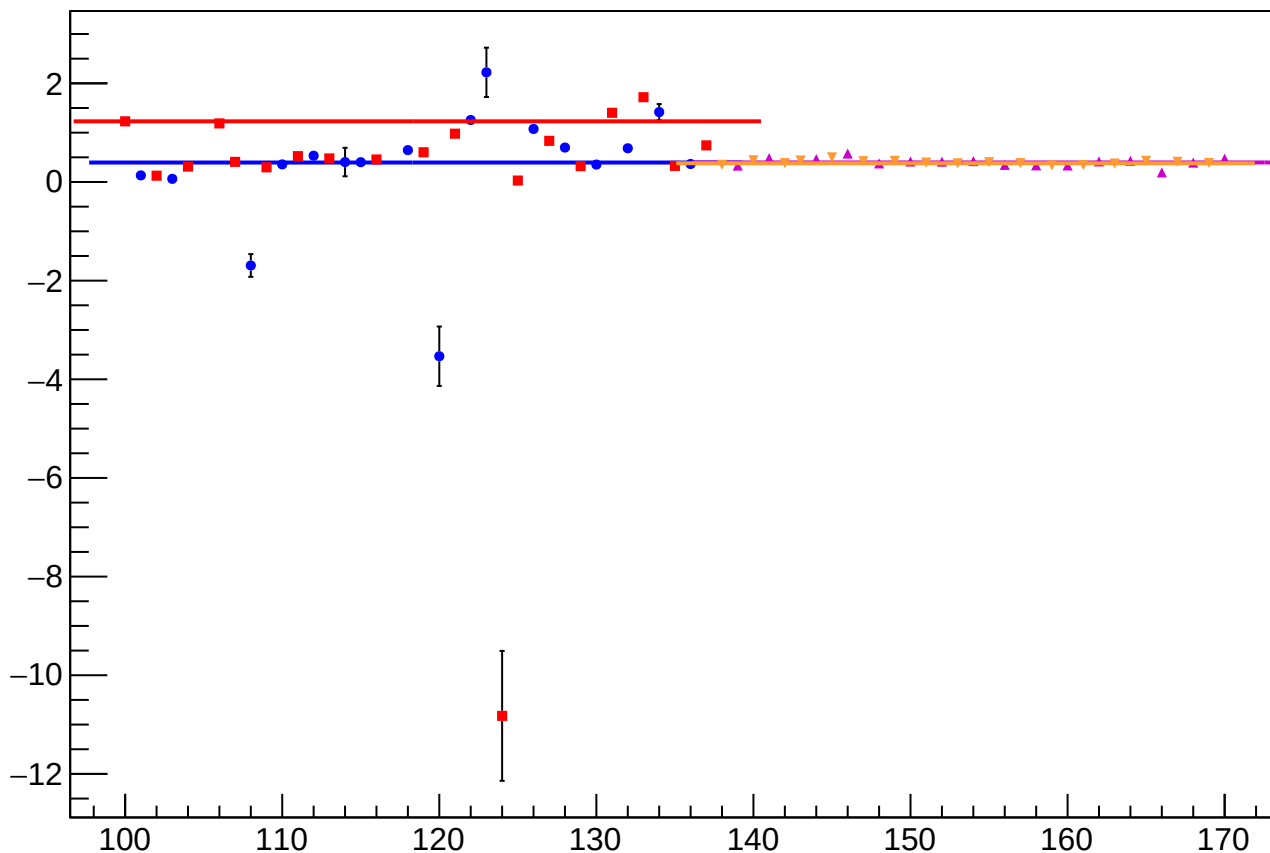
Left In: -76.349 ± 0.021 χ^2/NDF : 8459.4/15

+ sign -68.778 ± 0.015 χ^2/NDF : 919564.9/33

All: -69.636 ± 0.010 χ^2/NDF : 1873569.6/68

- sign -70.215 ± 0.013 χ^2/NDF : 948810.6/34

dit_sam7_11X12X_slope vs Slug



Right In: 0.395 ± 0.002 χ^2/NDF : 8730.5/16

Left Out: 0.379 ± 0.001 χ^2/NDF : 5735.7/16

Right Out: 1.230 ± 0.000 χ^2/NDF : 48941.9/18

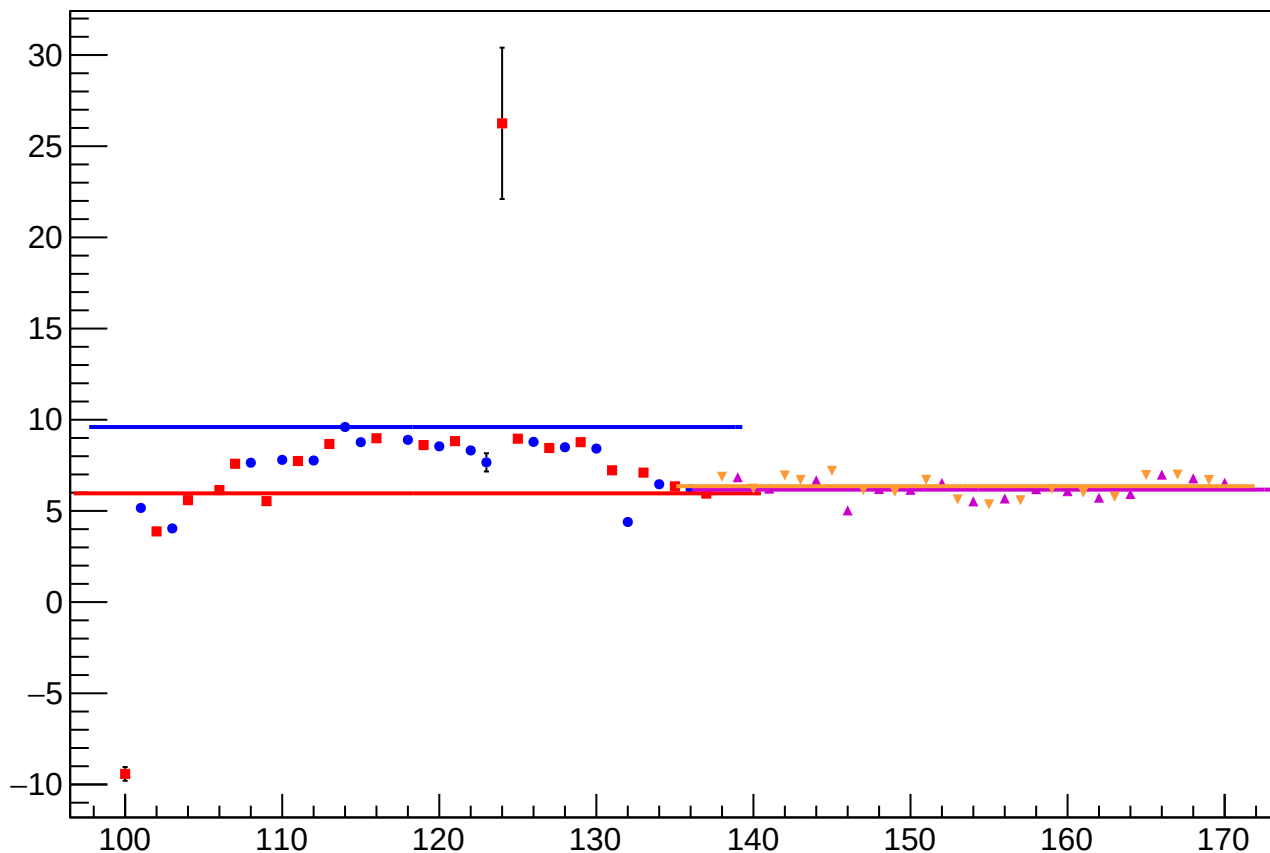
Left In: 0.396 ± 0.001 χ^2/NDF : 7328.2/15

+ sign 0.380 ± 0.001 χ^2/NDF : 14526.0/33

All: 1.230 ± 0.000 χ^2/NDF : 5450625.0/68

- sign 1.230 ± 0.000 χ^2/NDF : 2670433.3/34

dit_sam7_4aY_slope vs Slug



Right In: 9.601+/-0.000 χ^2/NDF : 377404.1/16

Left Out: 6.358+/-0.002 χ^2/NDF : 58101.2/16

Right Out: 5.964+/-0.000 χ^2/NDF : 206785.7/18

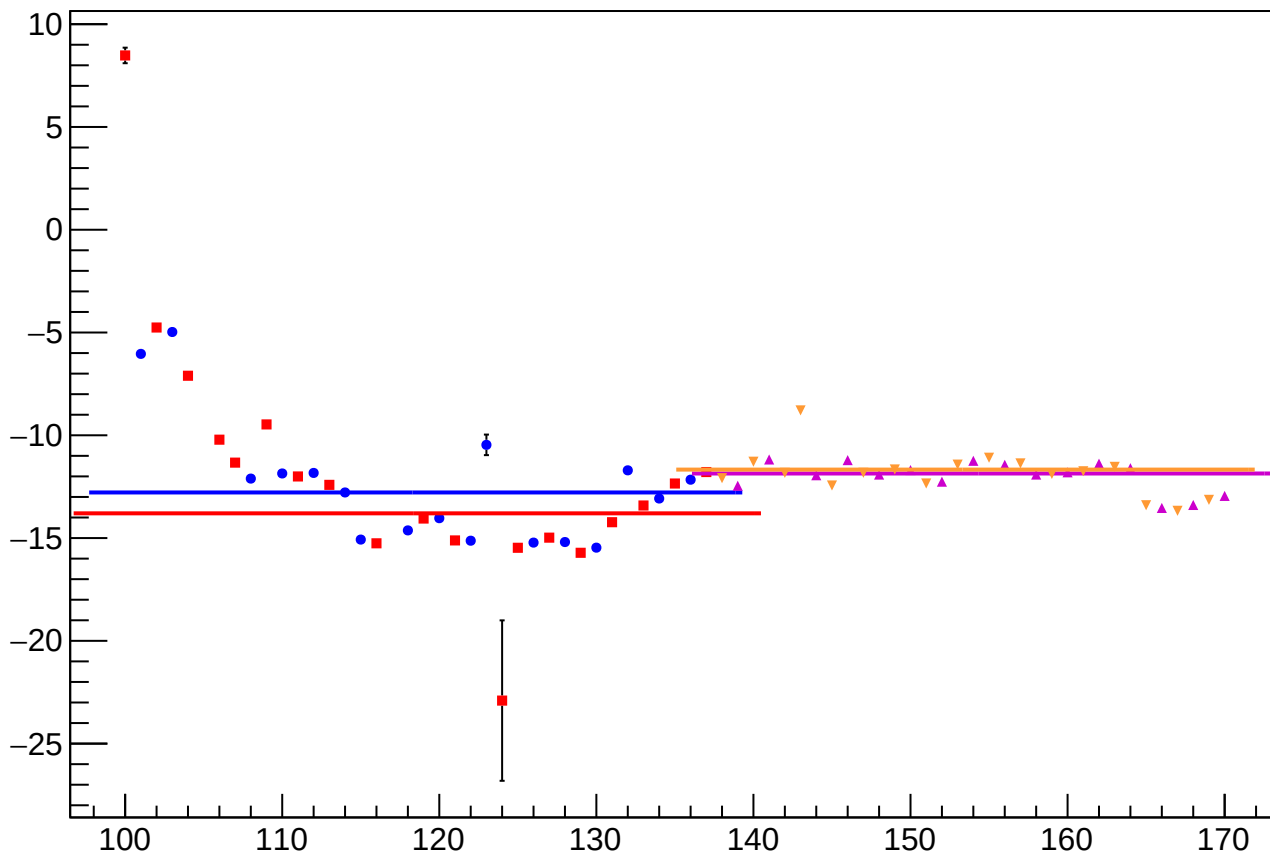
Left In: 6.168+/-0.002 χ^2/NDF : 44785.4/15

+ sign 9.601+/-0.000 χ^2/NDF : 4019936.7/33

All: 9.601+/-0.000 χ^2/NDF : 88569578.2/68

- sign 5.976+/-0.000 χ^2/NDF : 266878.6/34

dit_sam7_4eY_slope vs Slug



Right In: -12.781 ± 0.000 χ^2/NDF : 122716.4/16

Left Out: -11.669 ± 0.002 χ^2/NDF : 286595.6/16

Right Out: -13.797 ± 0.005 χ^2/NDF : 78174.8/18

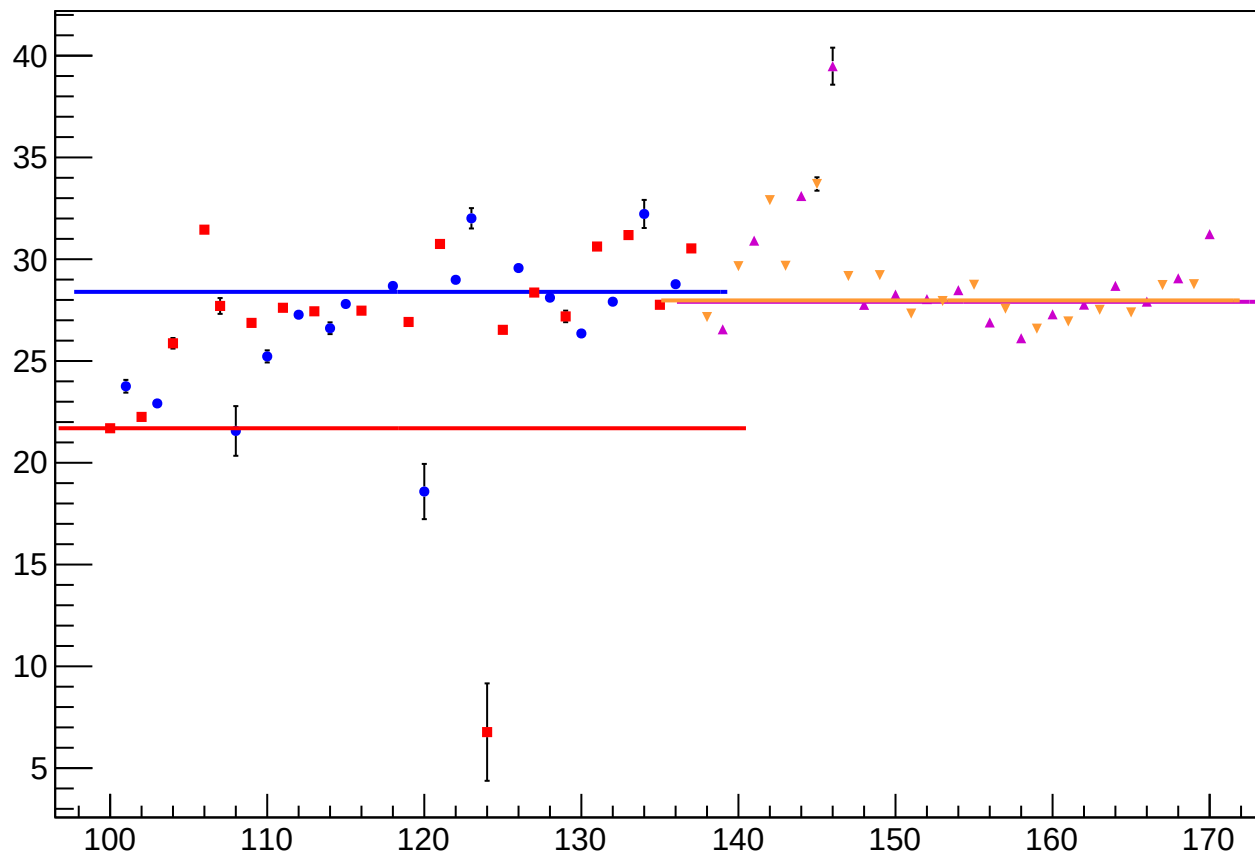
Left In: -11.859 ± 0.002 χ^2/NDF : 53589.7/15

+ sign -12.781 ± 0.000 χ^2/NDF : 637374.3/33

All: -12.781 ± 0.000 χ^2/NDF : 976014.7/68

- sign -12.144 ± 0.002 χ^2/NDF : 242874.1/34

dit_sam8_4aX_slope vs Slug



Right In: 28.396 $\pm$ 0.024 χ^2 /NDF: 3440.8/16

Left Out: 27.976 $\pm$ 0.020 χ^2 /NDF: 3696.6/16

Right Out: 21.696 $\pm$ 0.000 χ^2 /NDF: 46617.3/18

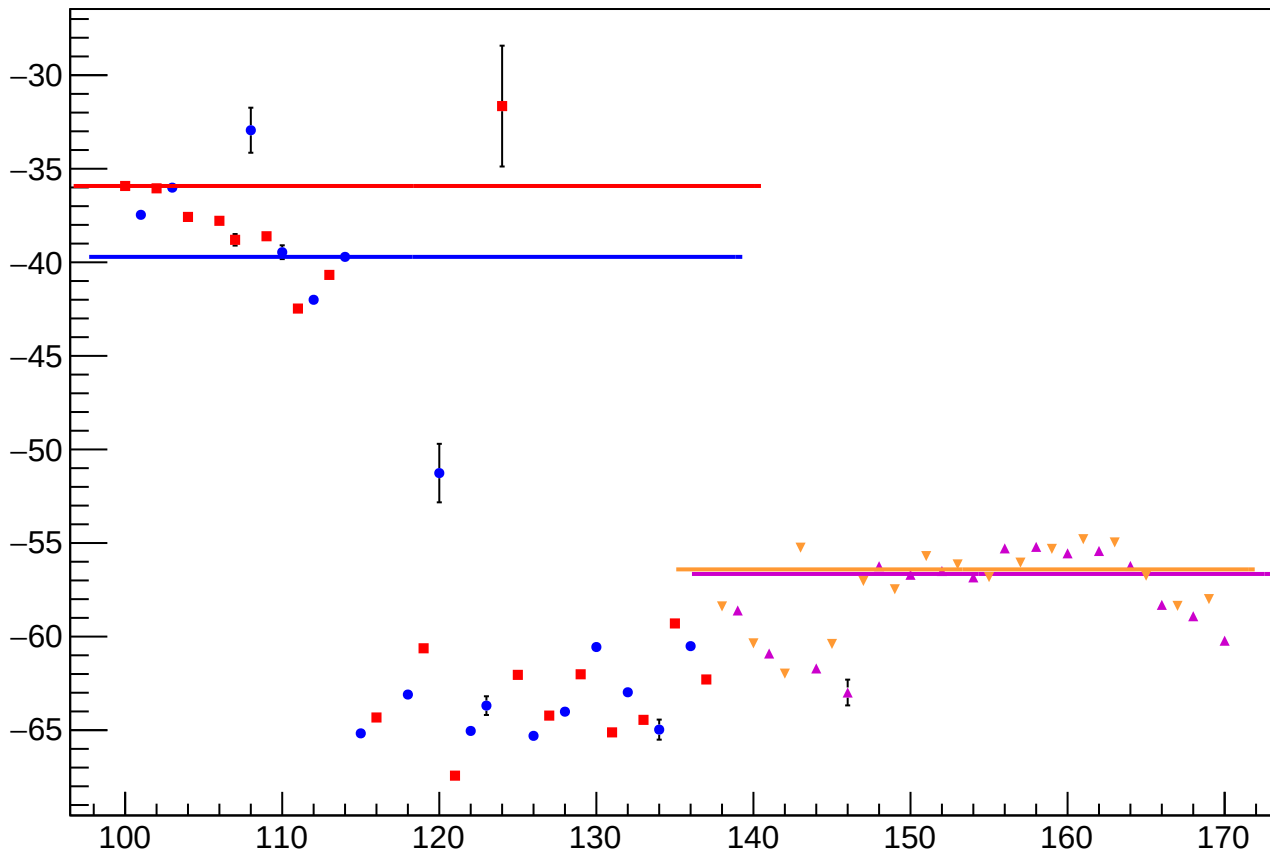
Left In: 27.908 $\pm$ 0.016 χ^2 /NDF: 6829.9/15

+ sign 28.145 $\pm$ 0.015 χ^2 /NDF: 7315.4/33

All: 21.696 $\pm$ 0.000 χ^2 /NDF: 382245.1/68

- sign 21.696 $\pm$ 0.000 χ^2 /NDF: 200853.5/34

dit_sam8_4eX_slope vs Slug



Right In: -39.710 ± 0.000 χ^2/NDF : 1354716.8/16

Left Out: -56.409 ± 0.017 χ^2/NDF : 8287.1/16

Right Out: -35.921 ± 0.000 χ^2/NDF : 719212.9/18

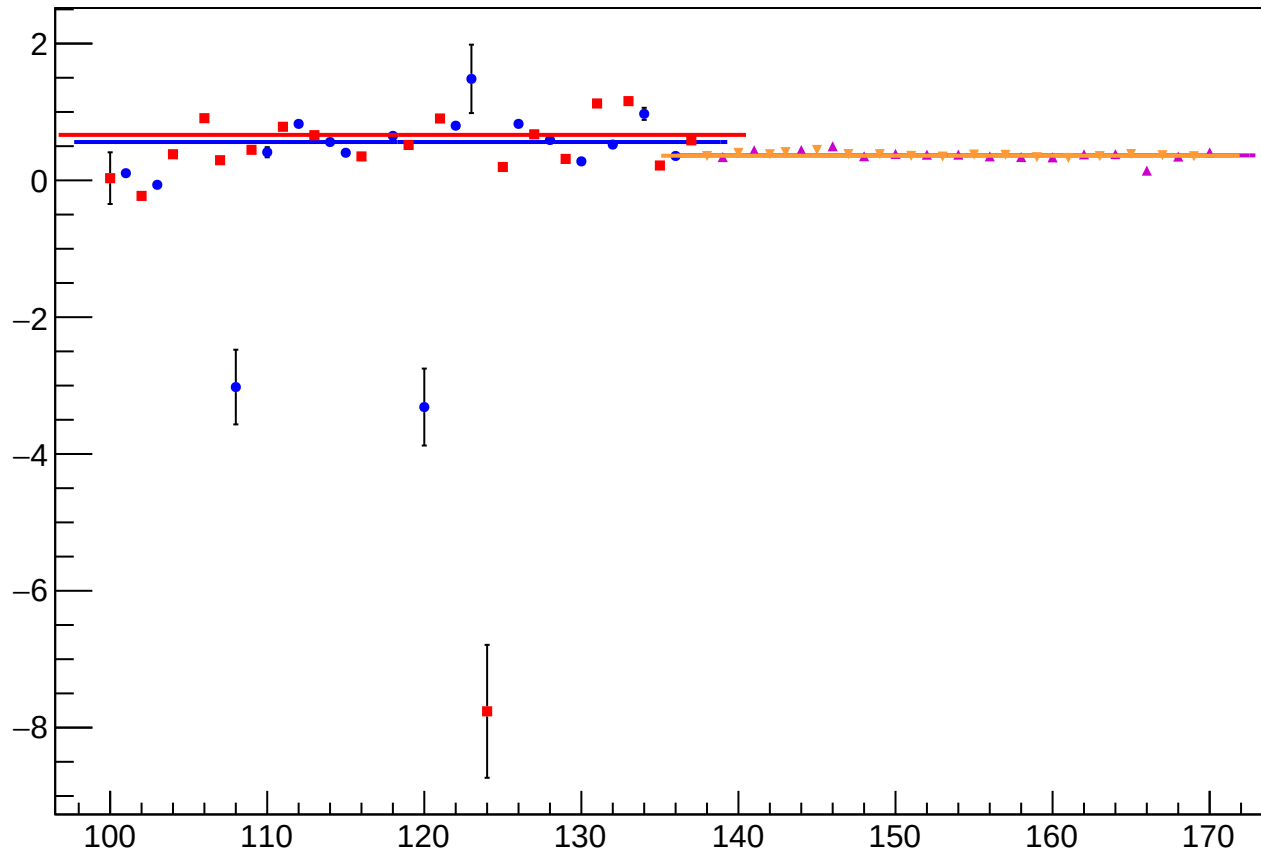
Left In: -56.654 ± 0.014 χ^2/NDF : 12180.6/15

+ sign -39.710 ± 0.000 χ^2/NDF : 2354501.5/33

All: -38.373 ± 0.000 χ^2/NDF : 110369434011

- sign -35.921 ± 0.000 χ^2/NDF : 3035341.3/34

dit_sam8_11X12X_slope vs Slug



Right In: 0.561+/-0.000 χ^2/NDF : 16869.2/16

Left Out: 0.360+/-0.000 χ^2/NDF : 3670.6/16

Right Out: 0.665+/-0.005 χ^2/NDF : 3781.5/18

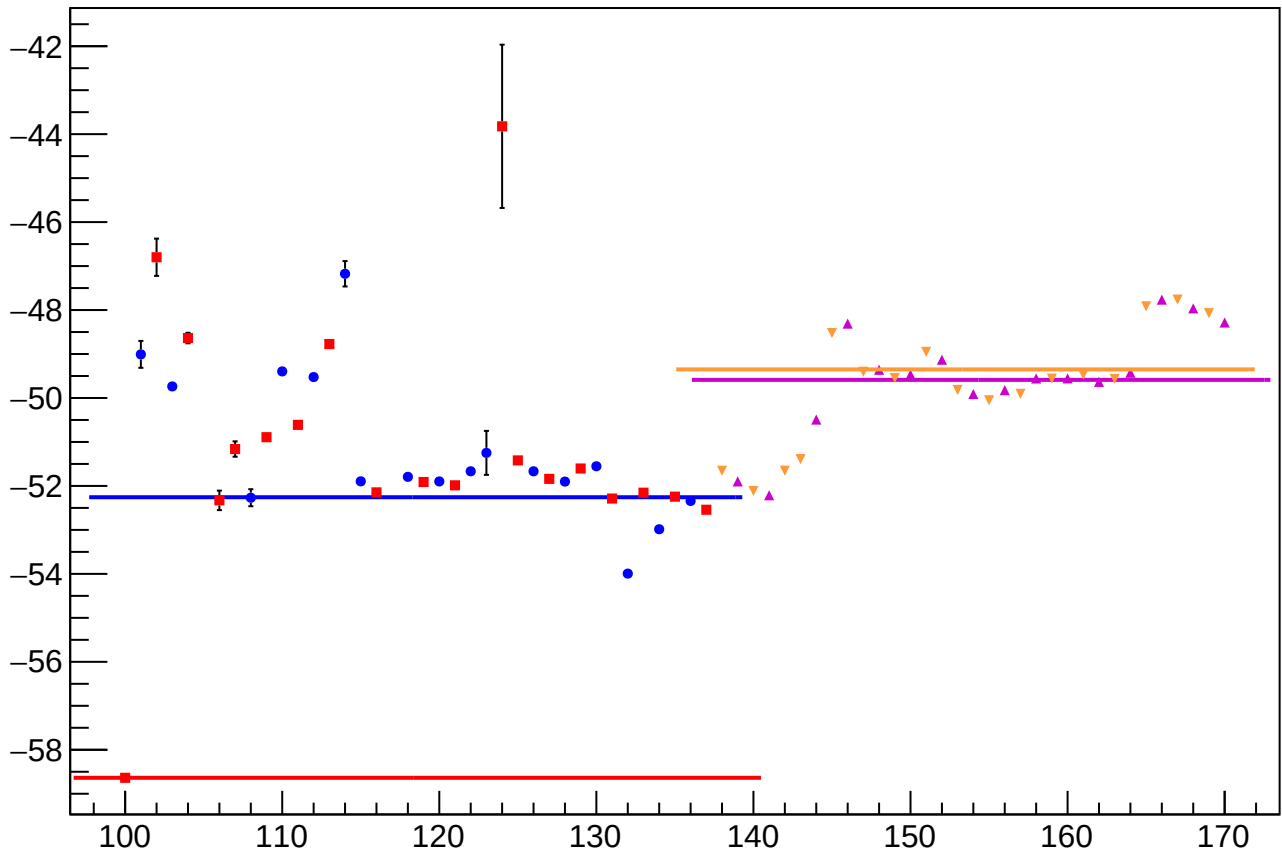
Left In: 0.365+/-0.000 χ^2/NDF : 5637.4/15

+ sign 0.561+/-0.000 χ^2/NDF : 289746.0/33

All: 0.561+/-0.000 χ^2/NDF : 601224.1/68

- sign 0.367+/-0.000 χ^2/NDF : 13651.8/34

dit_sam8_4aY_slope vs Slug



Right In: -52.257 ± 0.004 χ^2/NDF : 24373.7/16

Left Out: -49.350 ± 0.001 χ^2/NDF : 446982.8/16

Right Out: -58.637 ± 0.000 χ^2/NDF : 31280742.9/18

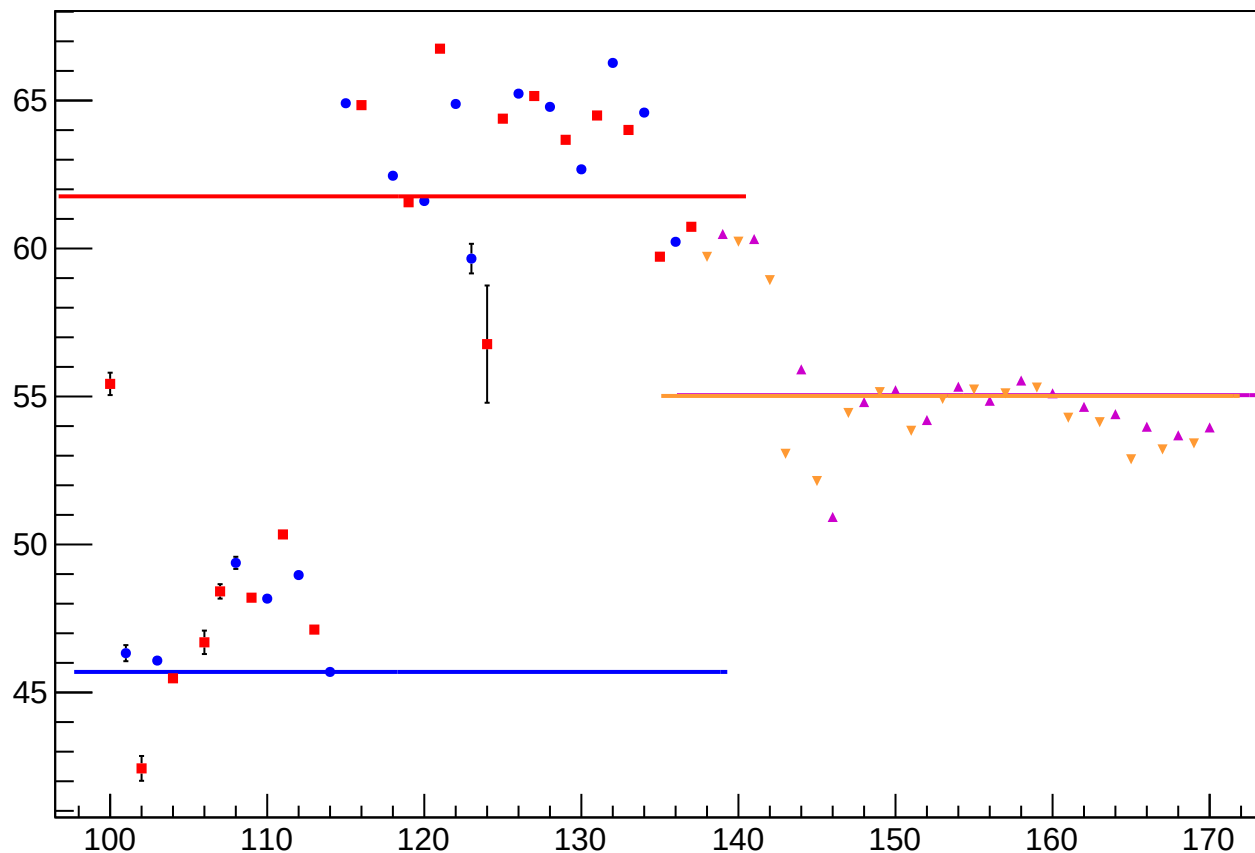
Left In: -49.588 ± 0.001 χ^2/NDF : 387125.1/15

+ sign -49.766 ± 0.001 χ^2/NDF : 1016307.2/33

All: -58.637 ± 0.000 χ^2/NDF : 111279628.6/6

- sign -58.637 ± 0.000 χ^2/NDF : 68902234.3/34

dit_sam8_4eY_slope vs Slug



Right In: 45.694 $\pm$ 0.000 χ^2 /NDF: 3571709.5/16

Left Out: 55.019 $\pm$ 0.003 χ^2 /NDF: 351467.9/16

Right Out: 61.762 $\pm$ 0.006 χ^2 /NDF: 260089.5/18

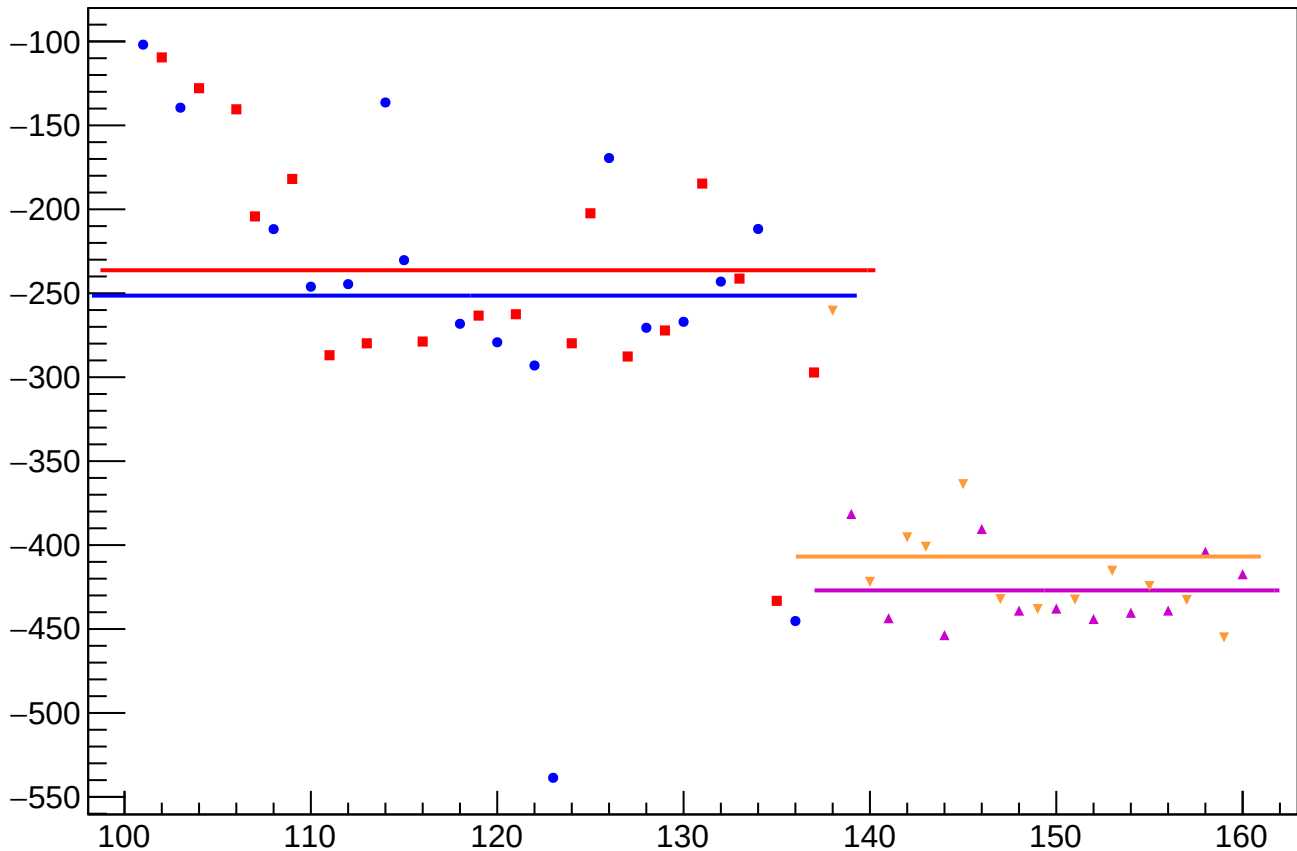
Left In: 55.045 $\pm$ 0.003 χ^2 /NDF: 77739.7/15

+ sign 45.694 $\pm$ 0.000 χ^2 /NDF: 12449802.9/33

All: 45.694 $\pm$ 0.000 χ^2 /NDF: 29383662.0/68

- sign 56.211 $\pm$ 0.003 χ^2 /NDF: 1255209.9/34

dit_4aX_coil1_mean vs Slug



Right In: -251.407+/-0.000 χ^2/NDF : 6377716677142803615785313646231420928.0/16

Left Out: -406.833+/-0.000 χ^2/NDF : 2292767804308975563331061576326184960.0/11

Right Out: -236.305+/-0.000 χ^2/NDF : 4583669398649017152985031455186878464.0/17

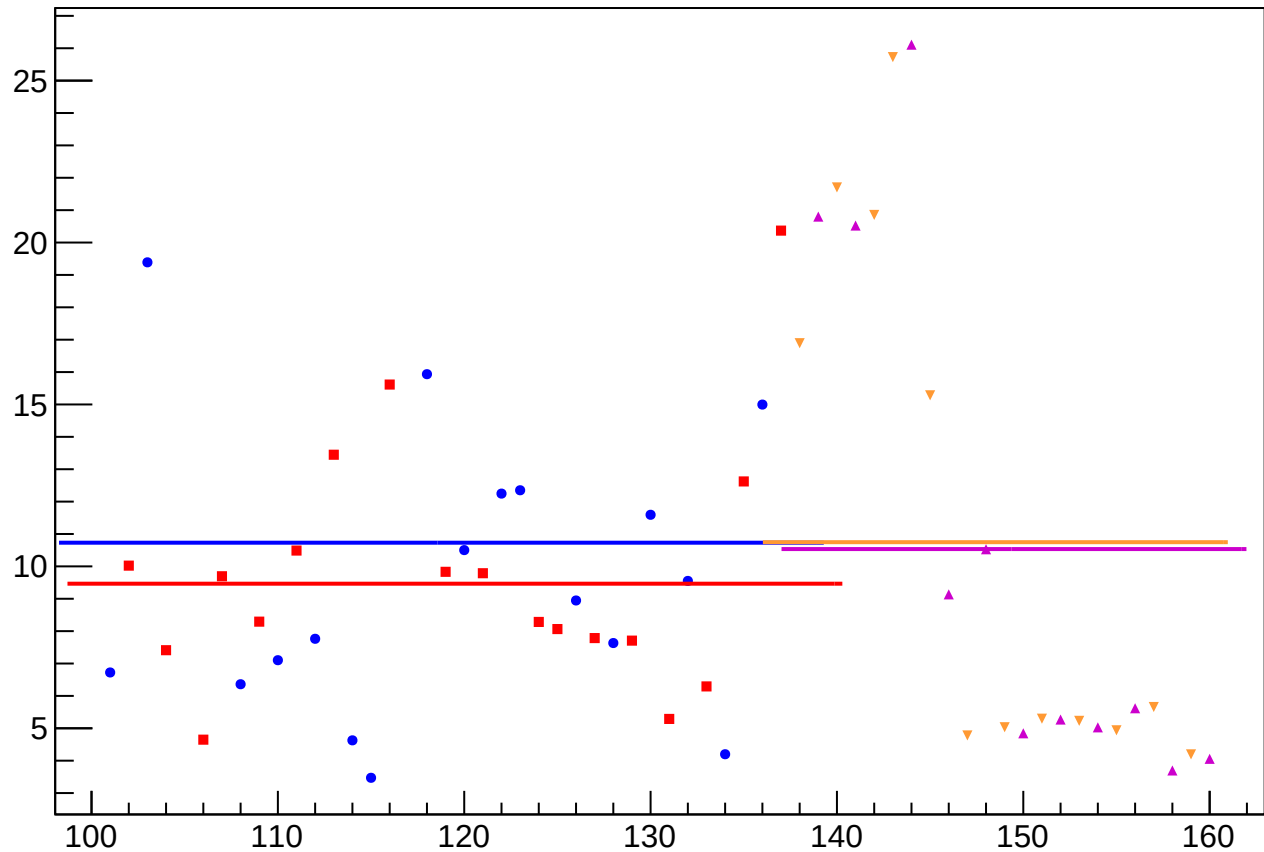
Left In: -426.999+/-0.000 χ^2/NDF : 491897519091150809282810233728532480.0/10

+ sign -339.543+/-0.000 χ^2/NDF : 18177302415444

All: -341.937+/-0.000 χ^2/NDF : 37990848197

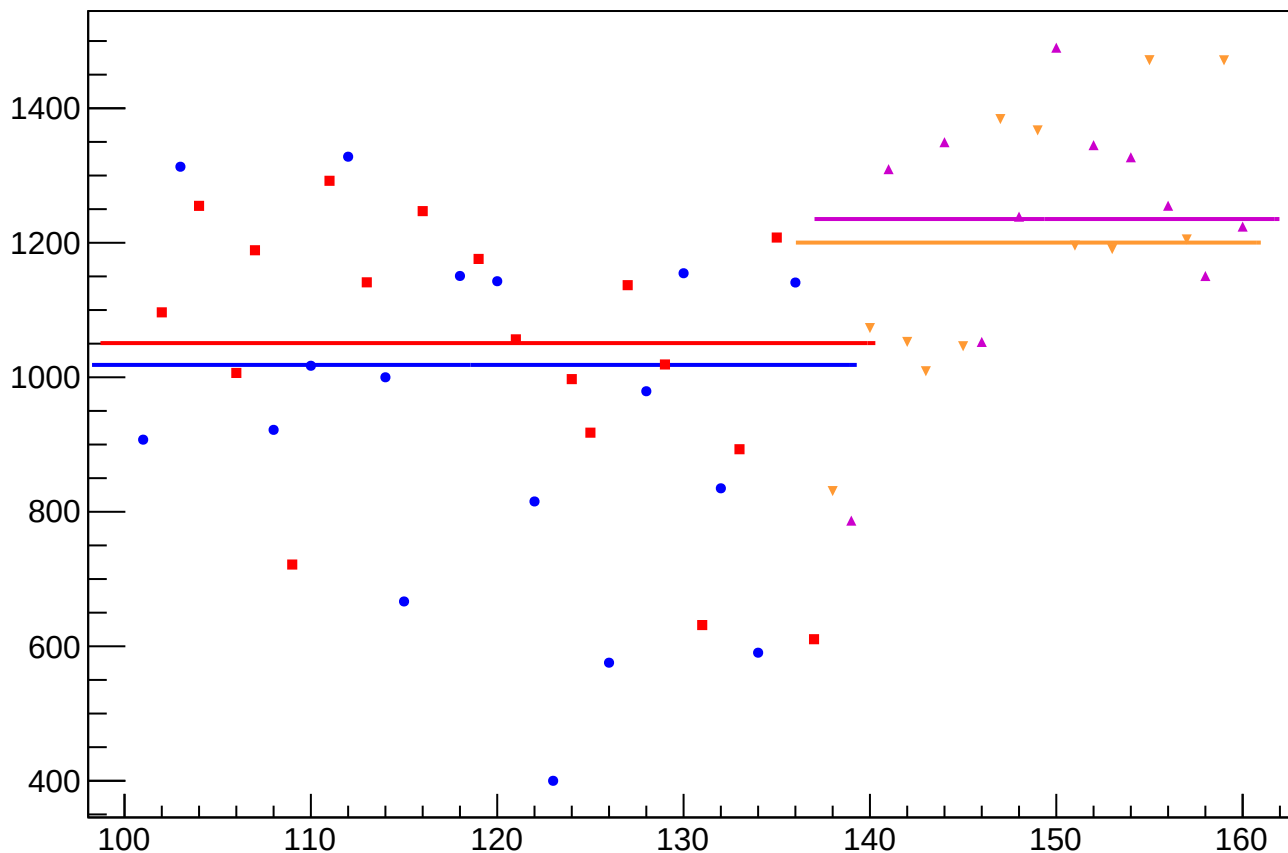
- sign -344.265+/-0.000 χ^2/NDF : 197954301913054

dit_4aX_coil1_err_mean vs Slug



Right In: 10.731+/-0.000	χ^2/NDF : 12832156832660883988585211297267712.0/16	+ sign 10.740+/-0.000	χ^2/NDF : 6540081419924880
Left Out: 10.747+/-0.000	χ^2/NDF : 52568555520200298220372681258172416.0/11	All: 10.401+/-0.000	χ^2/NDF : 1292227264459
Right Out: 9.465+/-0.000	χ^2/NDF : 6964289429474711338503750841008128.0/17	- sign 10.071+/-0.000	χ^2/NDF : 6345753966609601
Left In: 10.535+/-0.000	χ^2/NDF : 56030306294181725597372333160398848.0/10		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

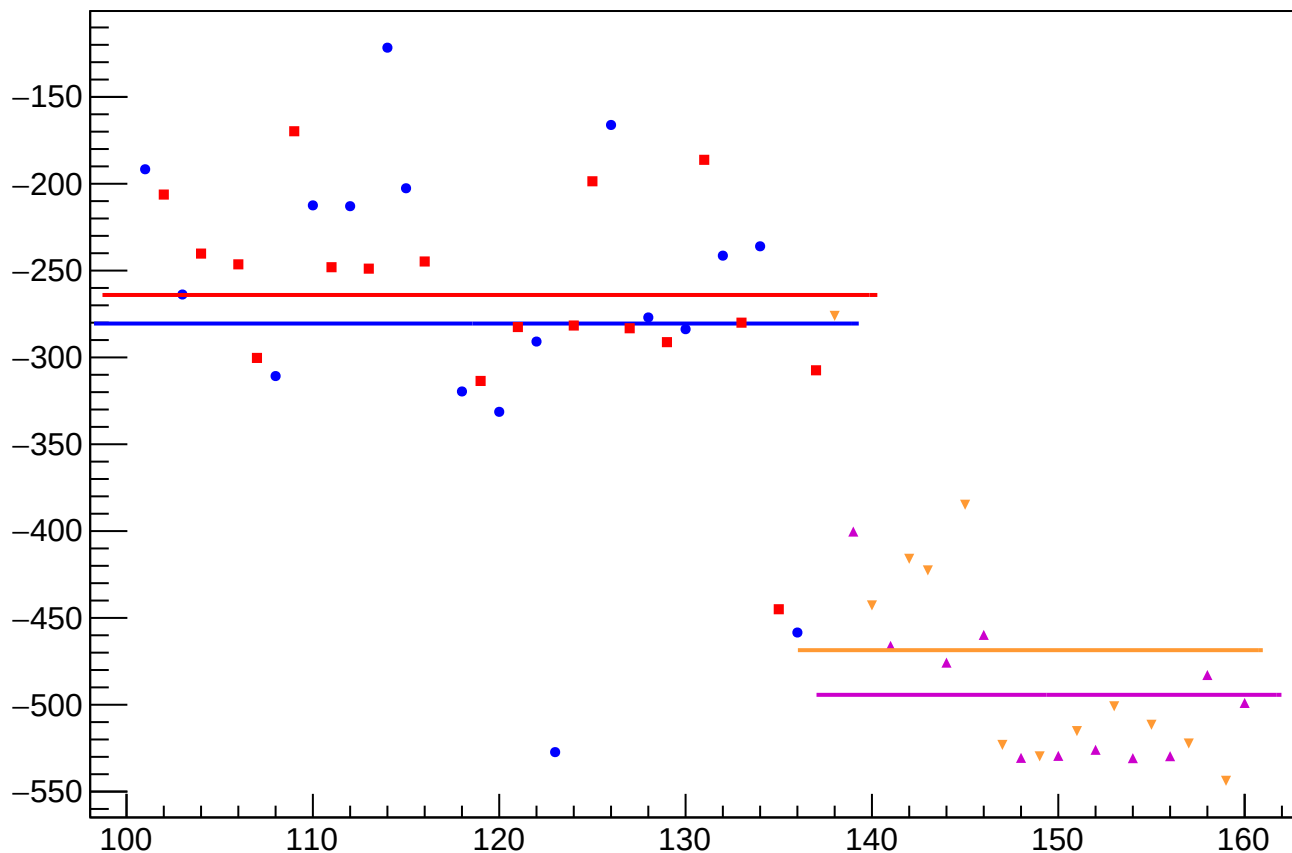
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_4eX_coil1_mean vs Slug



Right In: -280.488+/-0.000 χ^2/NDF : 5126630238526976320868749941319663616.0/16

Left Out: -468.575+/-0.000 χ^2/NDF : 5376900160405137659978716094572527616.0/11

Right Out: -264.038+/-0.000 χ^2/NDF : 2950904189133891581840816046652522496.0/17

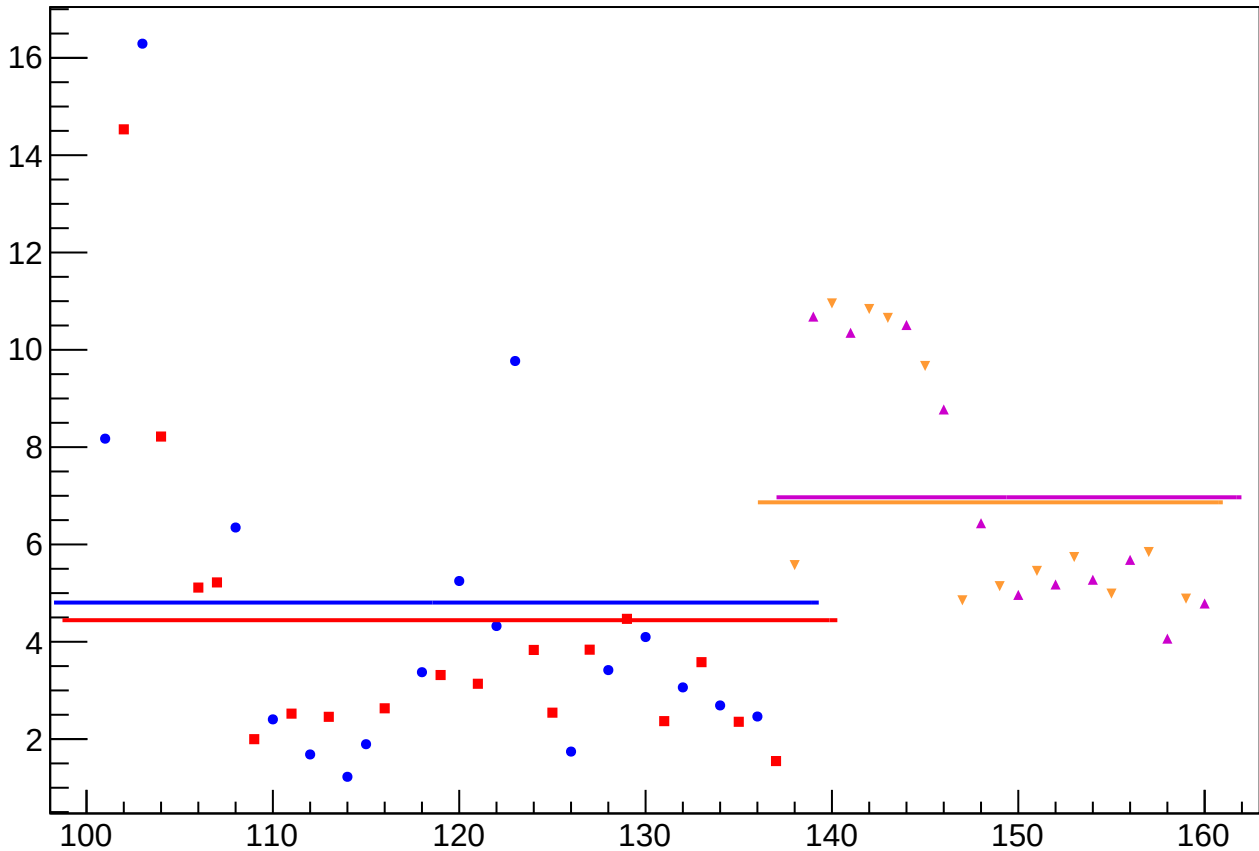
Left In: -494.291+/-0.000 χ^2/NDF : 1453739025414967917322489885861347328.0/10

+ sign -387.145+/-0.000 χ^2/NDF : 24425652530066

All: -390.819+/-0.000 χ^2/NDF : 50333532153

- sign -394.393+/-0.000 χ^2/NDF : 258651894809758

dit_4eX_coil1_err_mean vs Slug



Right In: 4.806+/-0.000 χ^2/NDF : 10922956451109492621931429310234624.0/16

Left Out: 6.866+/-0.000 χ^2/NDF : 5299669563995653642636095012208640.0/11

Right Out: 4.443+/-0.000 χ^2/NDF : 8238698902114437843582467079929856.0/17

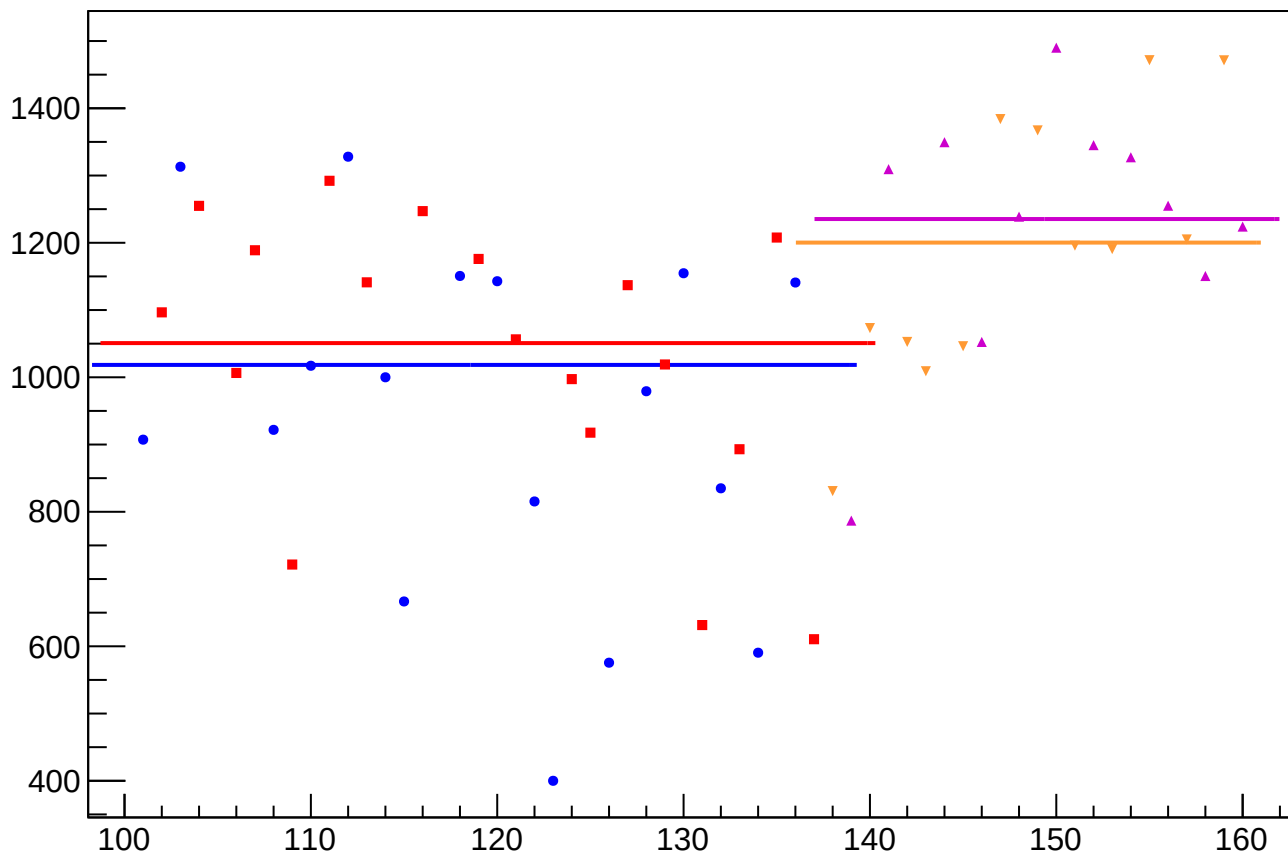
Left In: 6.969+/-0.000 χ^2/NDF : 5610929853594389107325212135784448.0/10

+ sign 5.974+/-0.000 χ^2/NDF : 17892687835671070

All: 5.923+/-0.000 χ^2/NDF : 34333338930633

- sign 5.873+/-0.000 χ^2/NDF : 16432445680690964

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

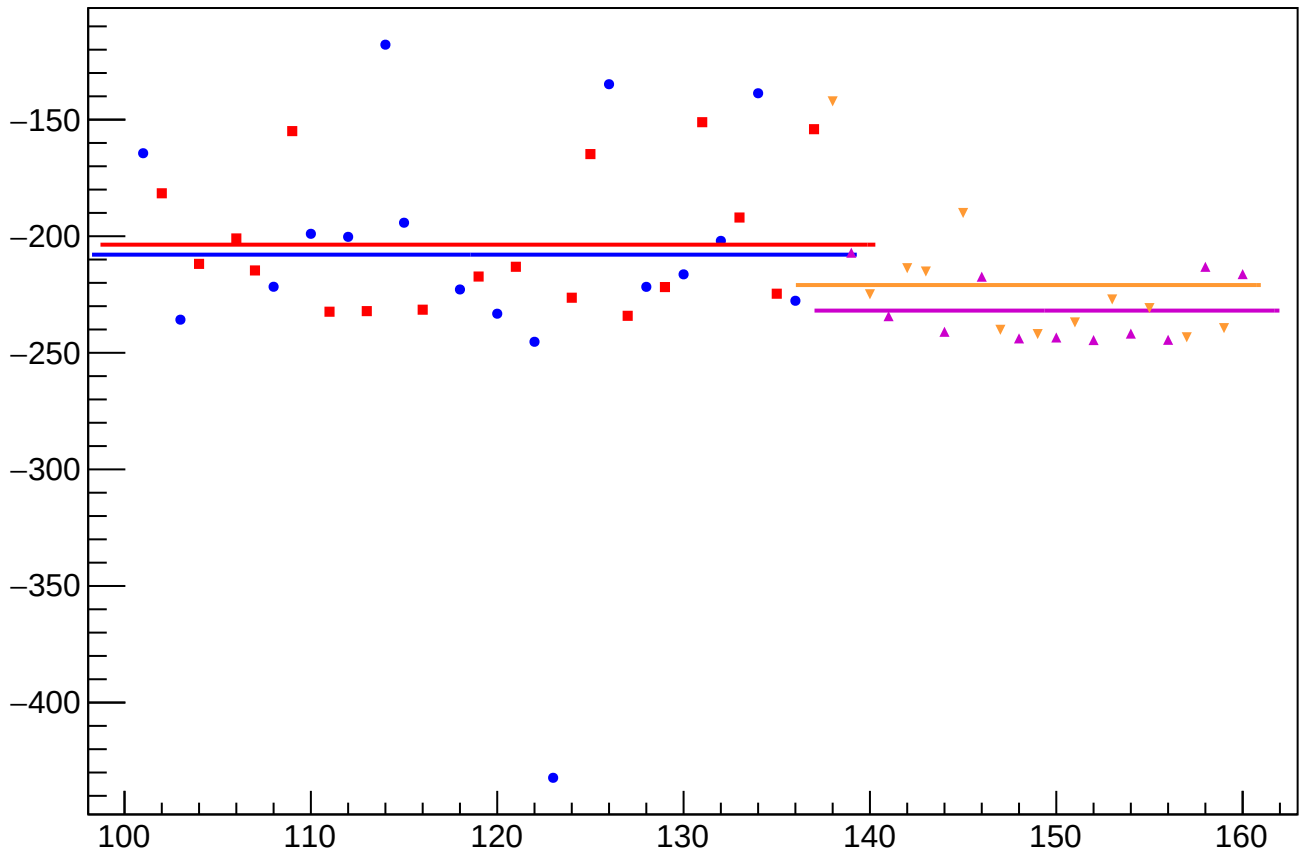
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_11X12X_coil1_mean vs Slug



Right In: -207.905 ± 0.000 χ^2/NDF : 932229169633108948090208893374824448.0/16

Left Out: -220.938 ± 0.000 χ^2/NDF : 725702280929192018663060859751759872.0/11

Right Out: -203.621 ± 0.000 χ^2/NDF : 555366082114711816530063438779514880.0/17

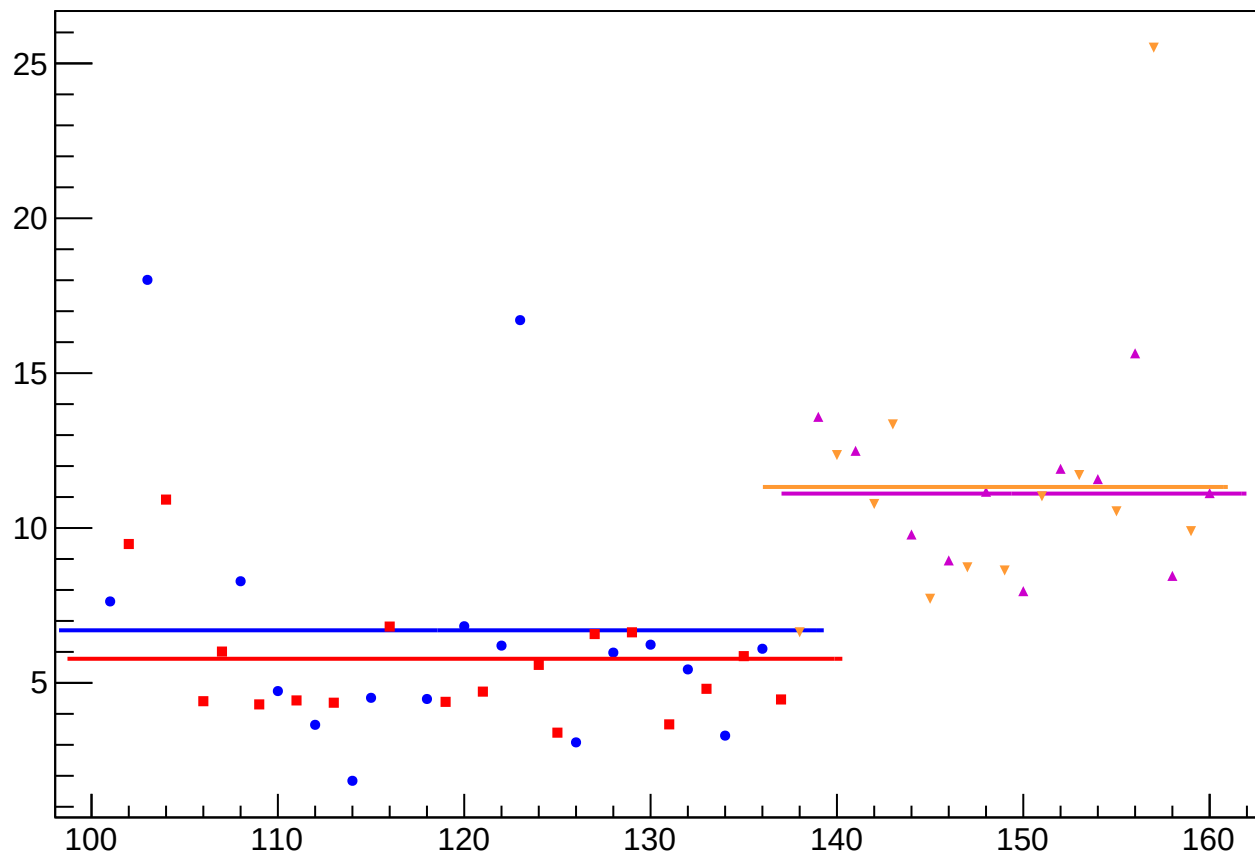
Left In: -231.896 ± 0.000 χ^2/NDF : 183329680516479381507897892871864320.0/10

+ sign -215.295 ± 0.000 χ^2/NDF : 17247724596124

All: -217.492 ± 0.000 χ^2/NDF : 28023296539

- sign -219.629 ± 0.000 χ^2/NDF : 106229854810720

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.697 $\pm$ 0.000 χ^2 /NDF: 10220265362684500644667484757032960.0/16

Left Out: 11.325 $\pm$ 0.000 χ^2 /NDF: 19360042625652449313367034255376384.0/11

Right Out: 5.778 $\pm$ 0.000 χ^2 /NDF: 3154580715579075896881670619398144.0/17

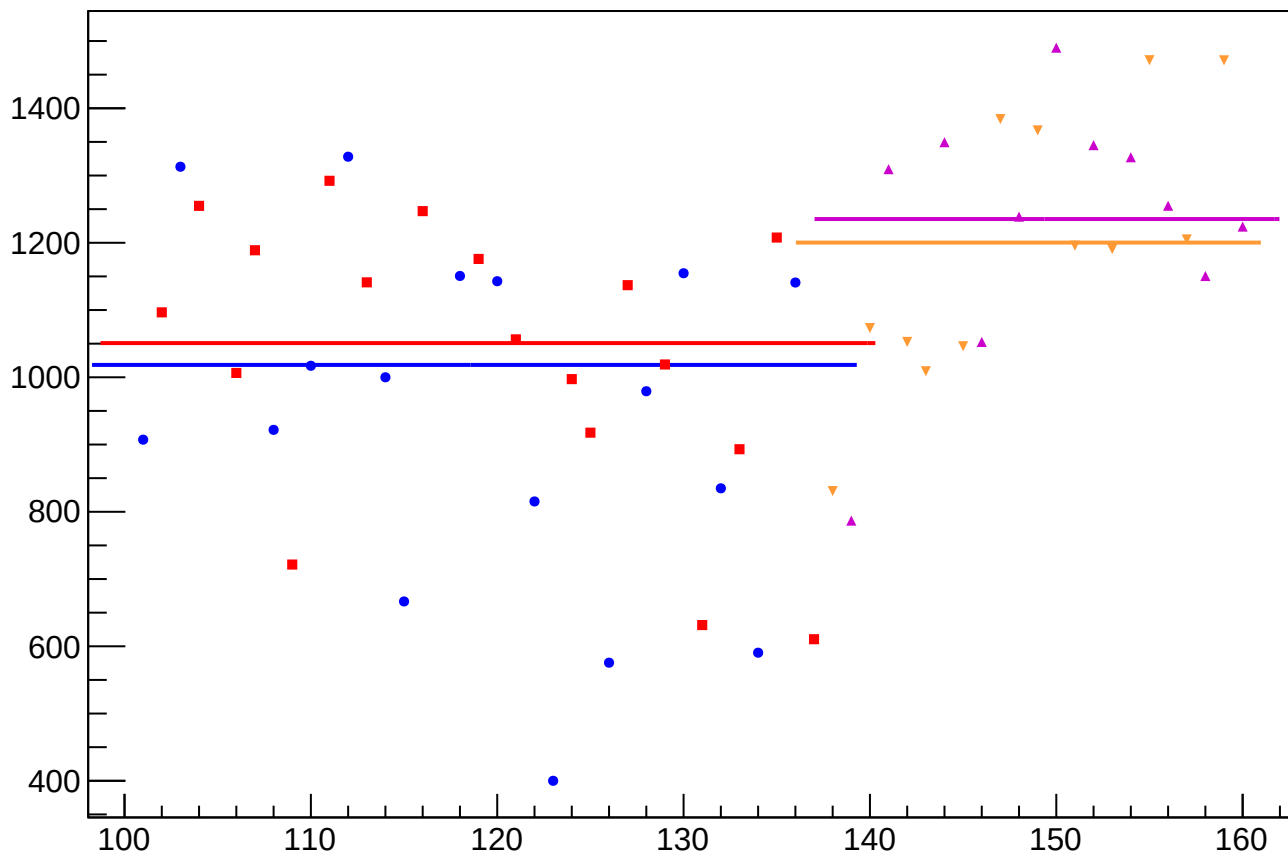
Left In: 11.111 $\pm$ 0.000 χ^2 /NDF: 4392167277443947568386278164529152.0/10

+ sign 9.322 $\pm$ 0.000 χ^2 /NDF: 38008187746633250

All: 9.056 $\pm$ 0.000 χ^2 /NDF: 57290015825980

- sign 8.798 $\pm$ 0.000 χ^2 /NDF: 19058642886632659

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

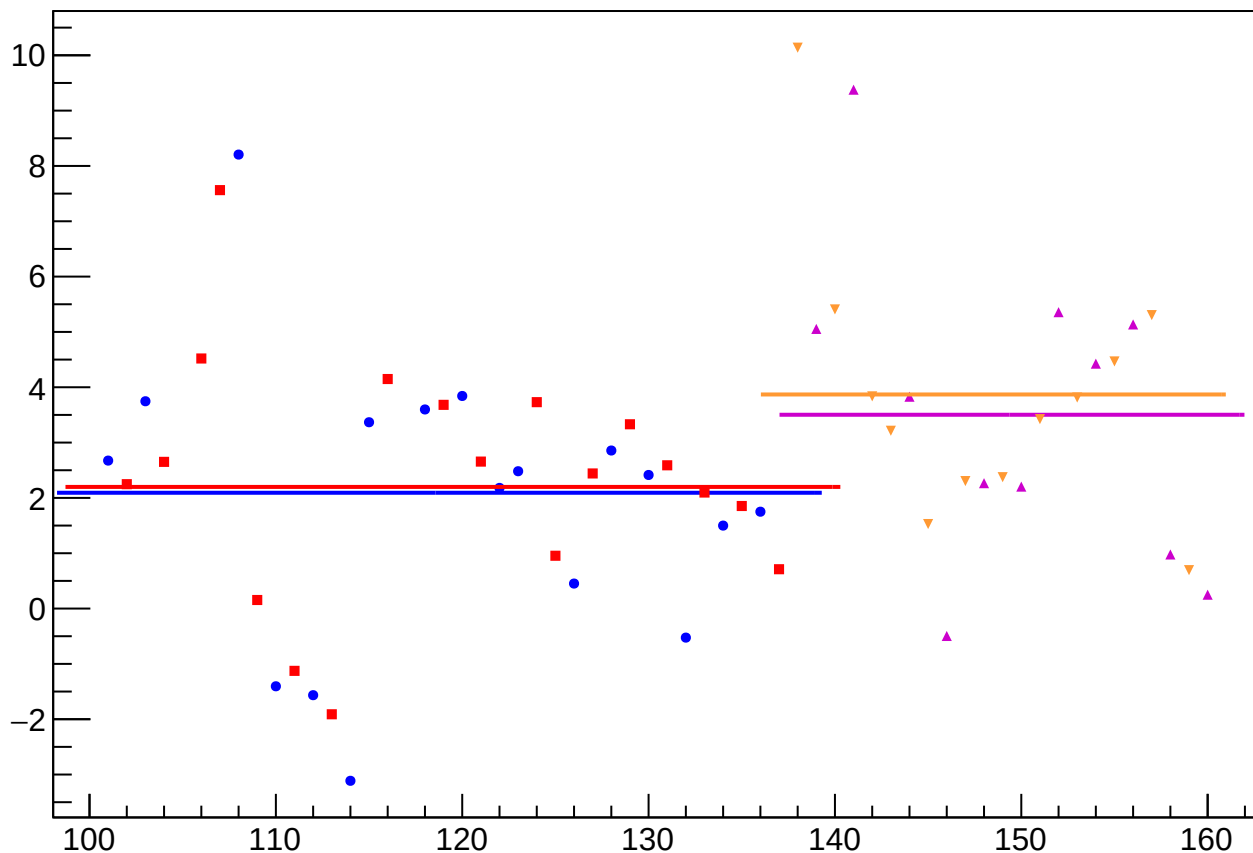
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826
 All: 1138.646+/-0.000 χ^2/NDF : 15044351621
 - sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_4aY_coil1_mean vs Slug



Right In: 2.093+/-0.000 χ^2/NDF : 3708588340032367175525218060861440.0/16

Left Out: 3.870+/-0.000 χ^2/NDF : 5096895495074779754701121480818688.0/11

Right Out: 2.199+/-0.000 χ^2/NDF : 3107113733134423203865144181391360.0/17

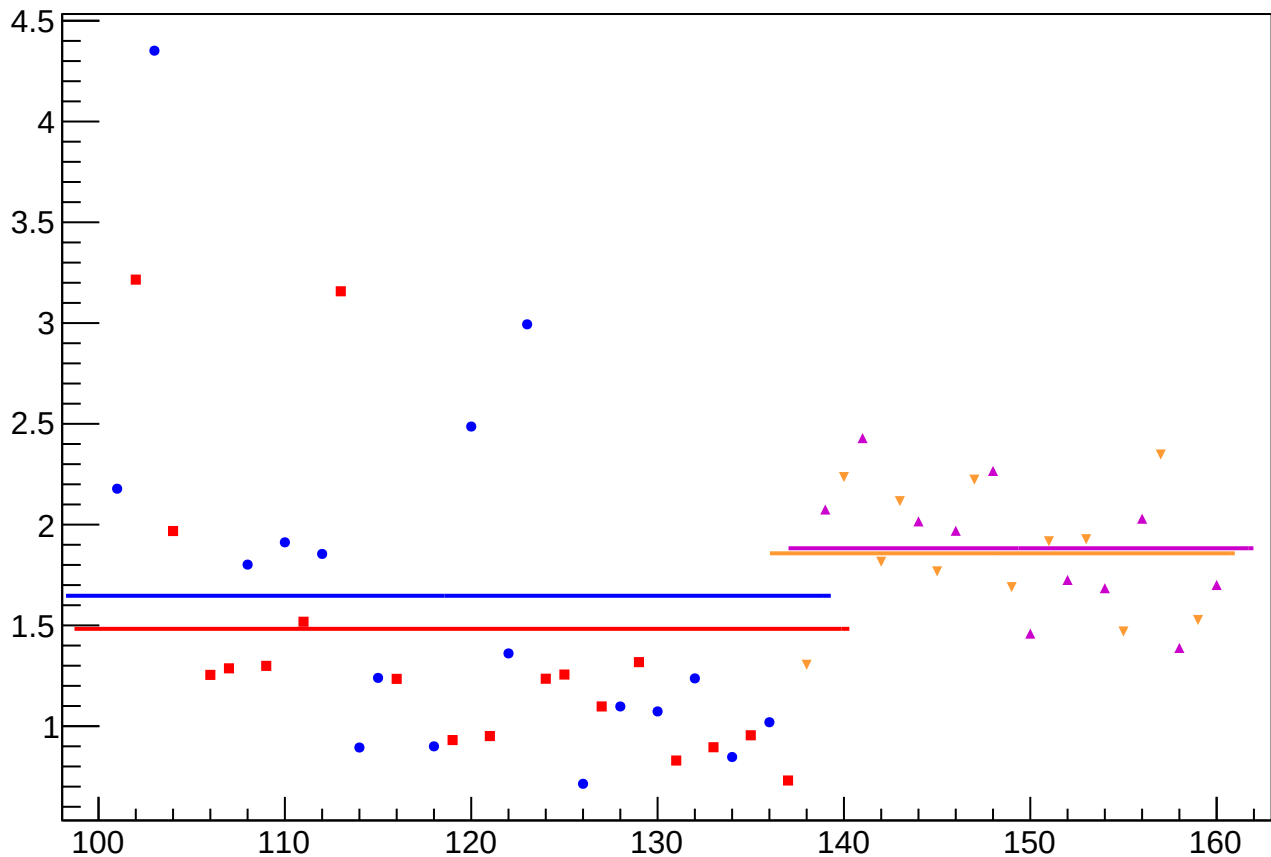
Left In: 3.503+/-0.000 χ^2/NDF : 6729958277549549509263051005624320.0/10

+ sign 3.100+/-0.000 χ^2/NDF : 10047584366193462

All: 3.018+/-0.000 χ^2/NDF : 20594856033346

- sign 2.937+/-0.000 χ^2/NDF : 10525561442982539

dit_4aY_coil1_err_mean vs Slug



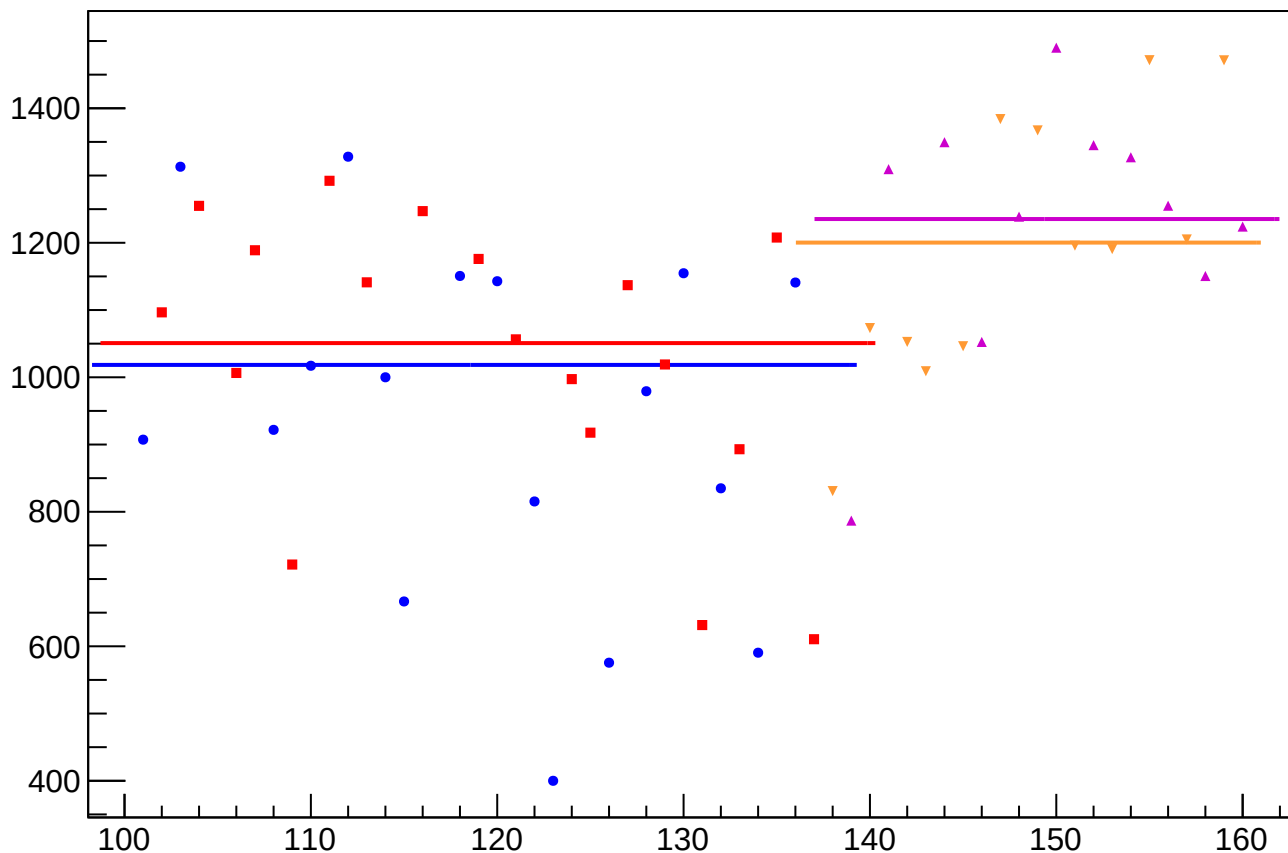
Right In: 1.647 $\pm$ 0.000 χ^2 /NDF: 651088572320131635658625105526784.0/16

Left Out: 1.858 $\pm$ 0.000 χ^2 /NDF: 92819096352183662549607808761856.0/11

Right Out: 1.483 $\pm$ 0.000 χ^2 /NDF: 413770473105203088009551048343552.0/17

Left In: 1.883 $\pm$ 0.000 χ^2 /NDF: 89198060548496721731654669828096.0/10

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

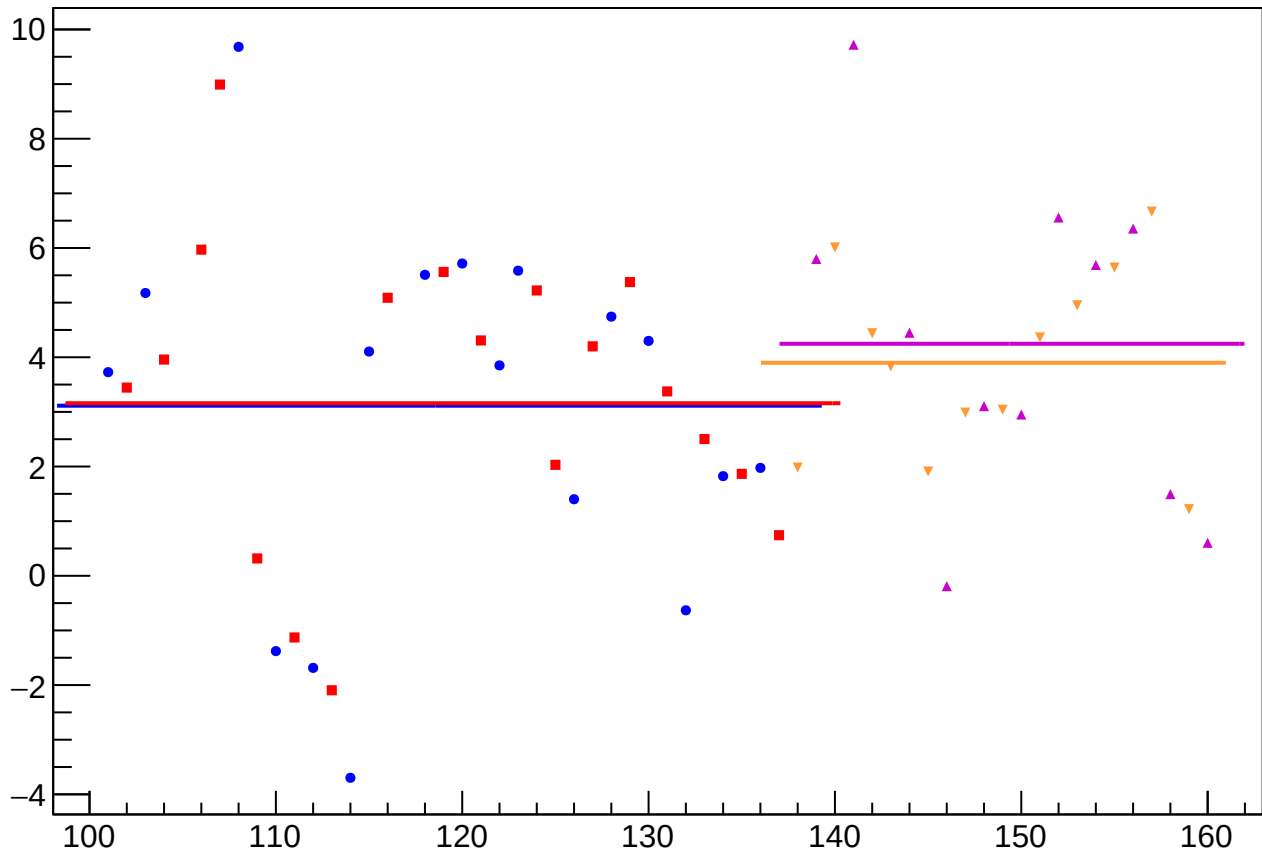
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

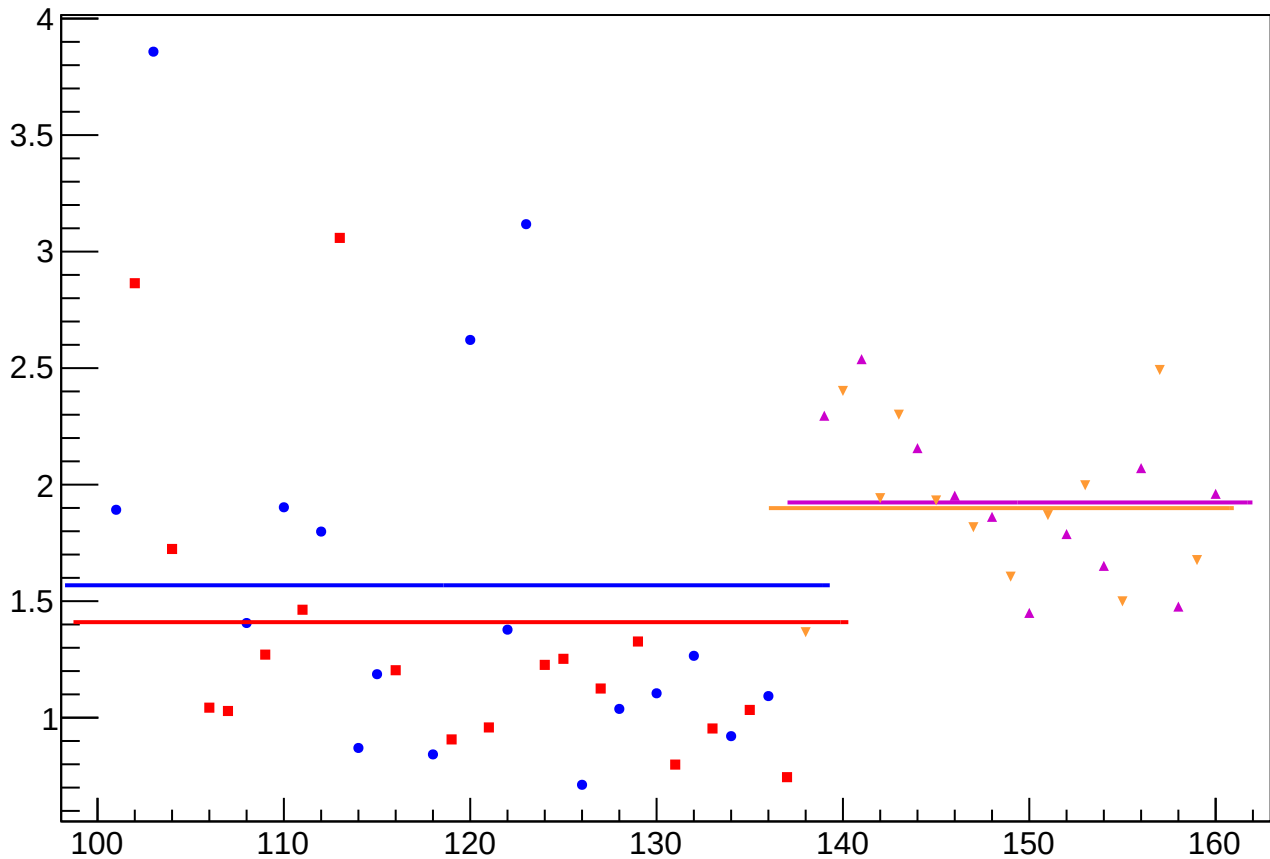
dit_4eY_coil1_mean vs Slug



Right In: 3.113+/-0.000 χ^2/NDF : 5969364473683453458180416326336512.0/16
 Left Out: 3.899+/-0.000 χ^2/NDF : 2596063476262392643786187397398528.0/11
 Right Out: 3.158+/-0.000 χ^2/NDF : 5013186540103138237647291198472192.0/17
 Left In: 4.247+/-0.000 χ^2/NDF : 7362557296783828788324476360065024.0/10

All: 3.668+/-0.000 χ^2/NDF : 21701782292793
 + sign 3.559+/-0.000 χ^2/NDF : 88084978465121807
 - sign 3.775+/-0.000 χ^2/NDF : 12855486338811030

dit_4eY_coil1_err_mean vs Slug



Right In: 1.568+/-0.000 χ^2/NDF : 496968559591870447992286312660992.0/16

Left Out: 1.899+/-0.000 χ^2/NDF : 105245400634415170842187400216576.0/11

Right Out: 1.410+/-0.000 χ^2/NDF : 328993477679498579442129623318528.0/17

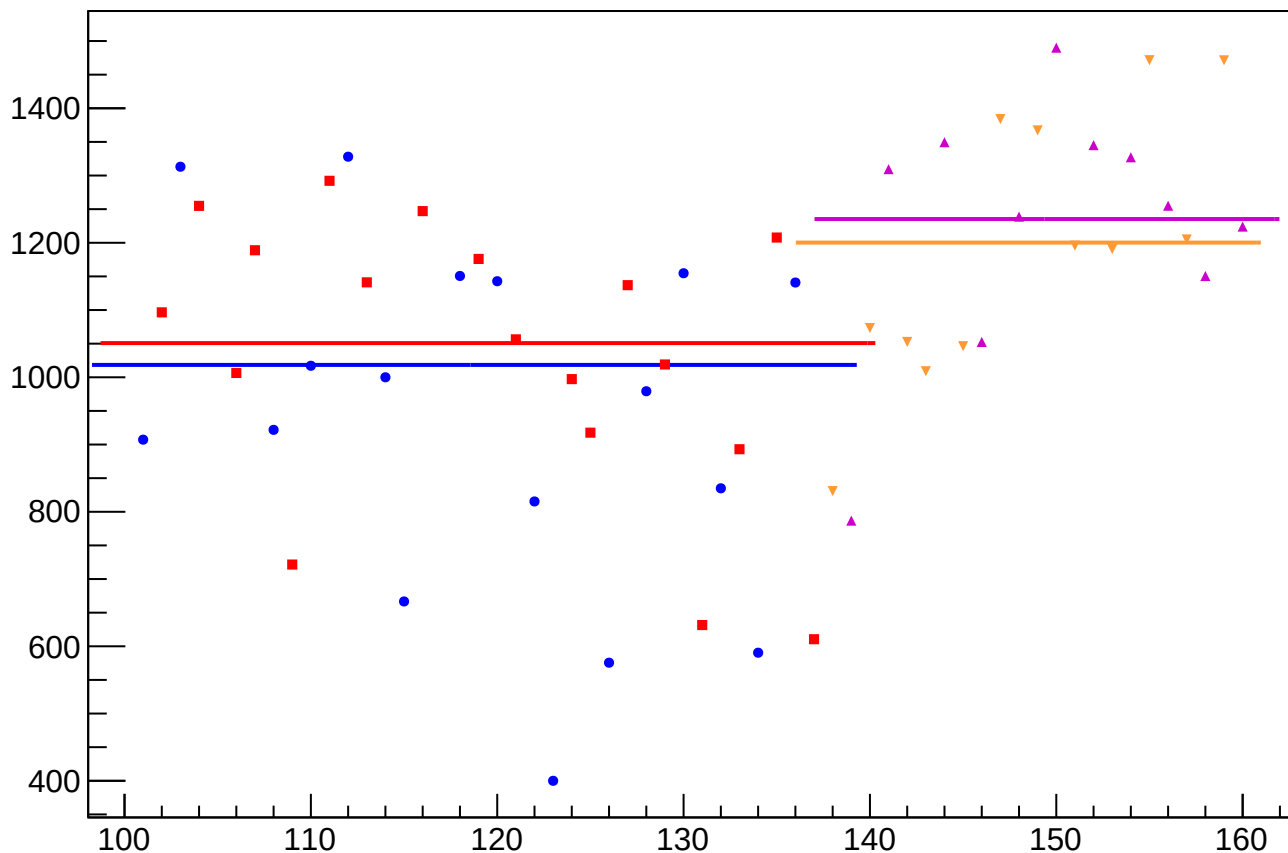
Left In: 1.924+/-0.000 χ^2/NDF : 95242962939028869202536503967744.0/10

All: 1.728+/-0.000 χ^2/NDF : 11788652842283.0/44

+ sign 1.756+/-0.000 χ^2/NDF : 64536417527038801.0/44

- sign 1.701+/-0.000 χ^2/NDF : 53102439200317192.0/44

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

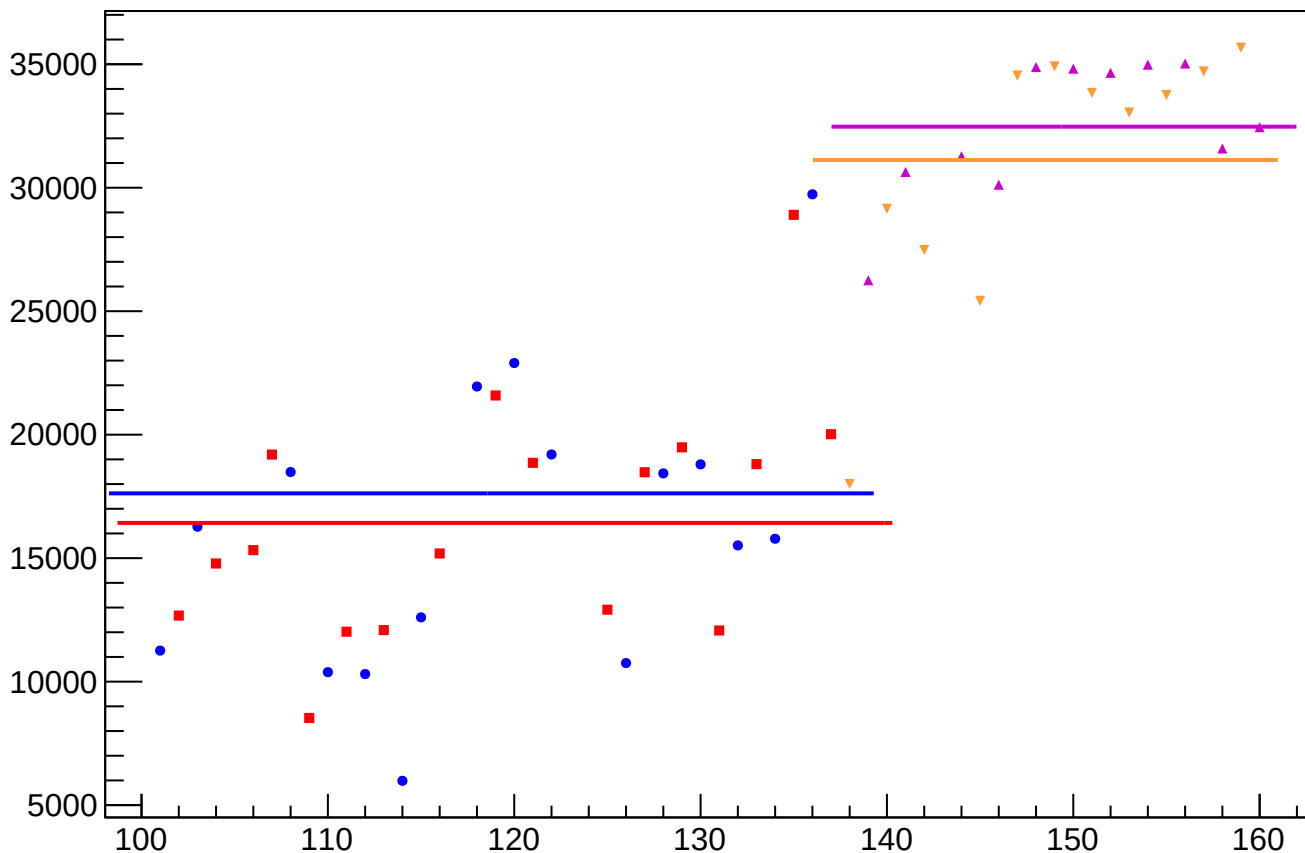
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

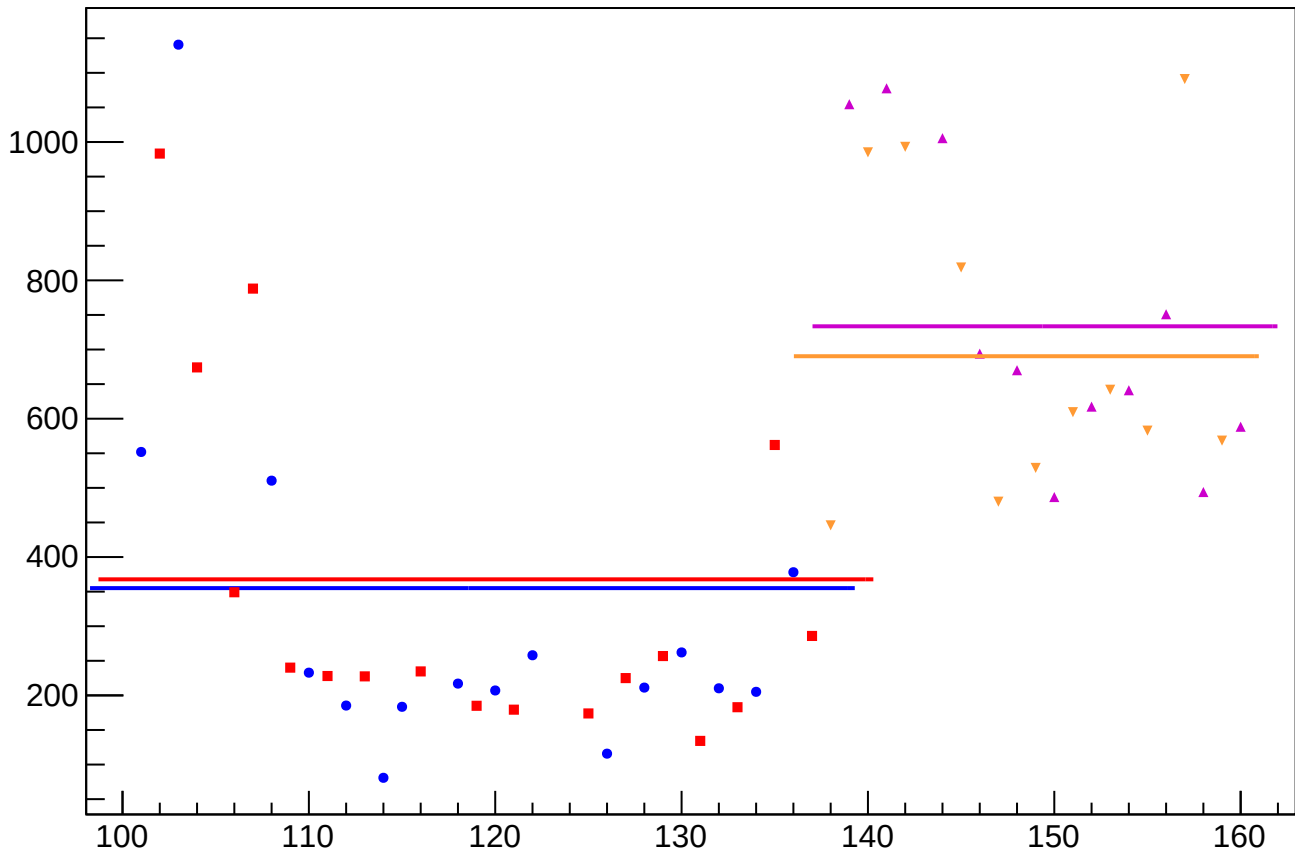
dit_usl_coil1_mean vs Slug



Right In: 17623.415+/-0.000	χ^2/NDF : 26214852160510248108396540611197117923328.0/15
Left Out: 31121.908+/-0.000	χ^2/NDF : 23059902976455903047894835429096743239680.0/10
Right Out: 16427.279+/-0.000	χ^2/NDF : 17497664990525804314439933995132913713152.0/16
Left In: 32472.045+/-0.000	χ^2/NDF : 6559386601849495088258310306923846565888.0/10

+ sign 25042.300+/-0.000 χ^2/NDF : 1183739483063
 All: 25324.303+/-0.000 χ^2/NDF : 2457090878
 - sign 25588.703+/-0.000 χ^2/NDF : 1270990775388

dit_usl_coil1_err_mean vs Slug



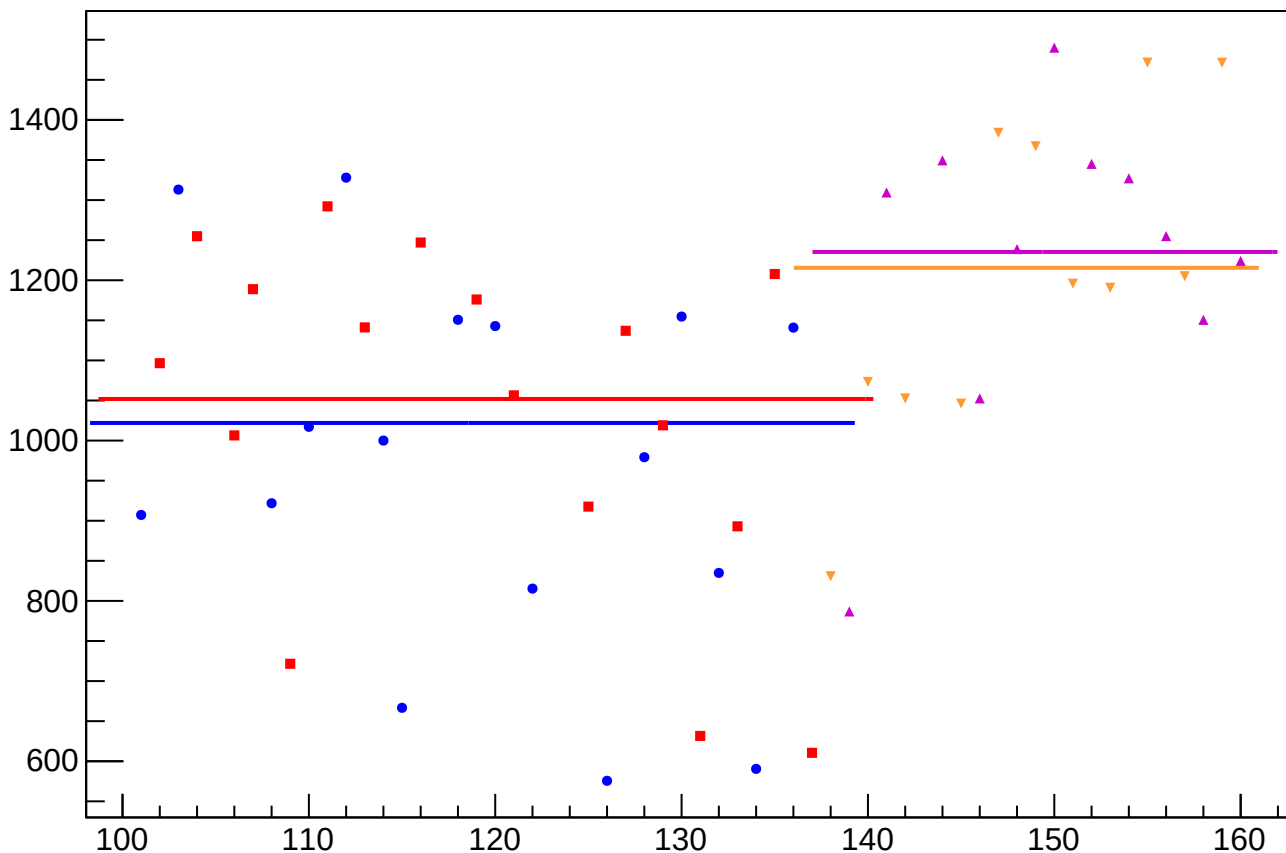
Right In: 355.072+/-0.000 χ^2/NDF : 50262750162224494428361272812030132224.0/15

Left Out: 690.314+/-0.000 χ^2/NDF : 37624697763034602007656197583819243520.0/10

Right Out: 367.779+/-0.000 χ^2/NDF : 47461092327588428657122003339509235712.0/16

Left In: 733.575+/-0.000 χ^2/NDF : 39366801674031082271771997491878166528.0/10

dit_usl_coil1_Ndata_mean vs Slug



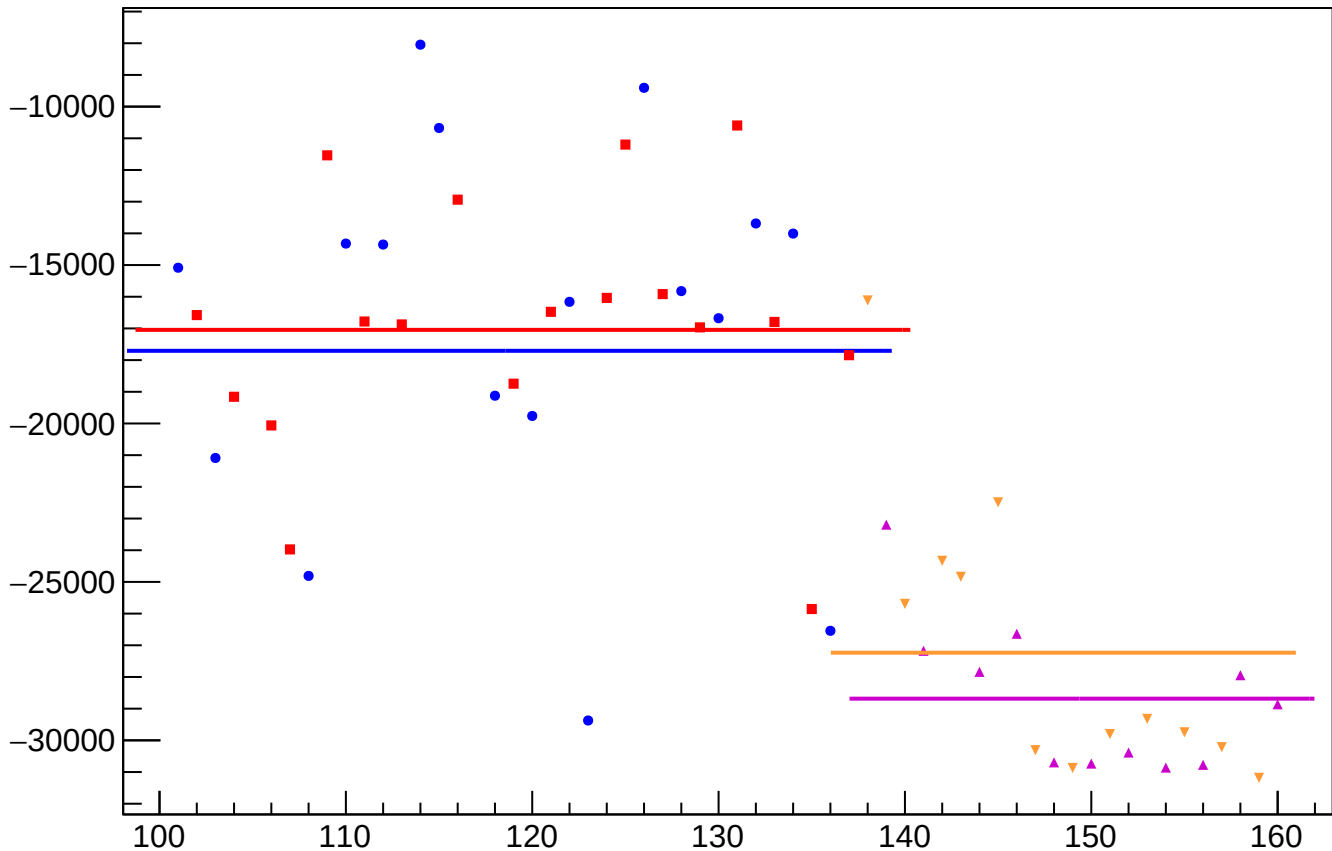
Right In: 1021.988+/-0.000 χ^2/NDF : 31240102732297466680062358937095110656.0/15

Left Out: 1215.518+/-0.000 χ^2/NDF : 31376780831313540387850491409995923456.0/10

Right Out: 1051.912+/-0.000 χ^2/NDF : 26857120331966502825045576618889707520.0/16

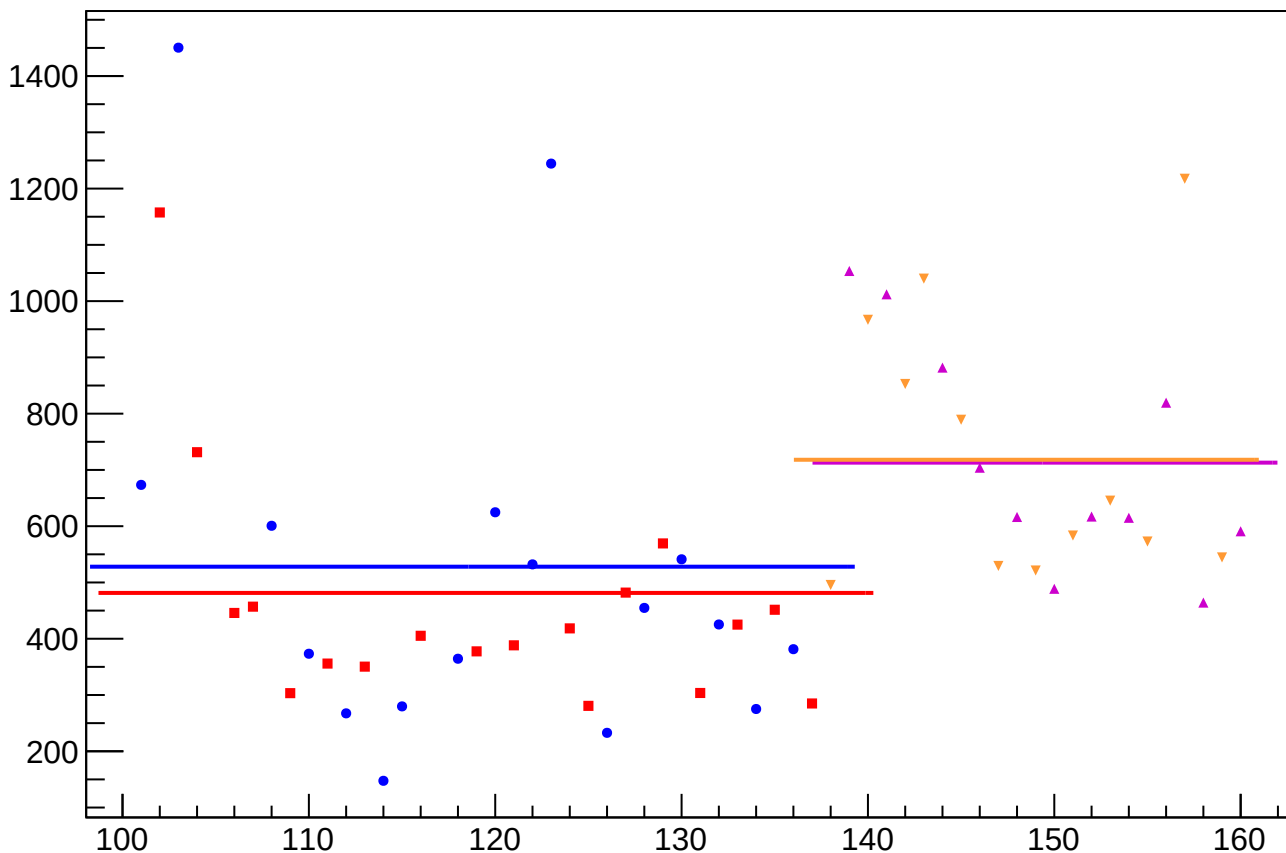
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_usr_coil1_mean vs Slug



Right In: -17706.432 ± 0.000 $\chi^2/\text{NDF}: 17446583920719856354509663675734298722304.0/16$
 Left Out: -27234.311 ± 0.000 $\chi^2/\text{NDF}: 17501423858802312277149406811030835691520.0/11$
 Right Out: -17045.413 ± 0.000 $\chi^2/\text{NDF}: 10956517506901040130363493382016229965824.0/17$
 Left In: -28684.462 ± 0.000 $\chi^2/\text{NDF}: 4838740363214091105444424537307038613504.0/10$

dit_usr_coil1_err_mean vs Slug



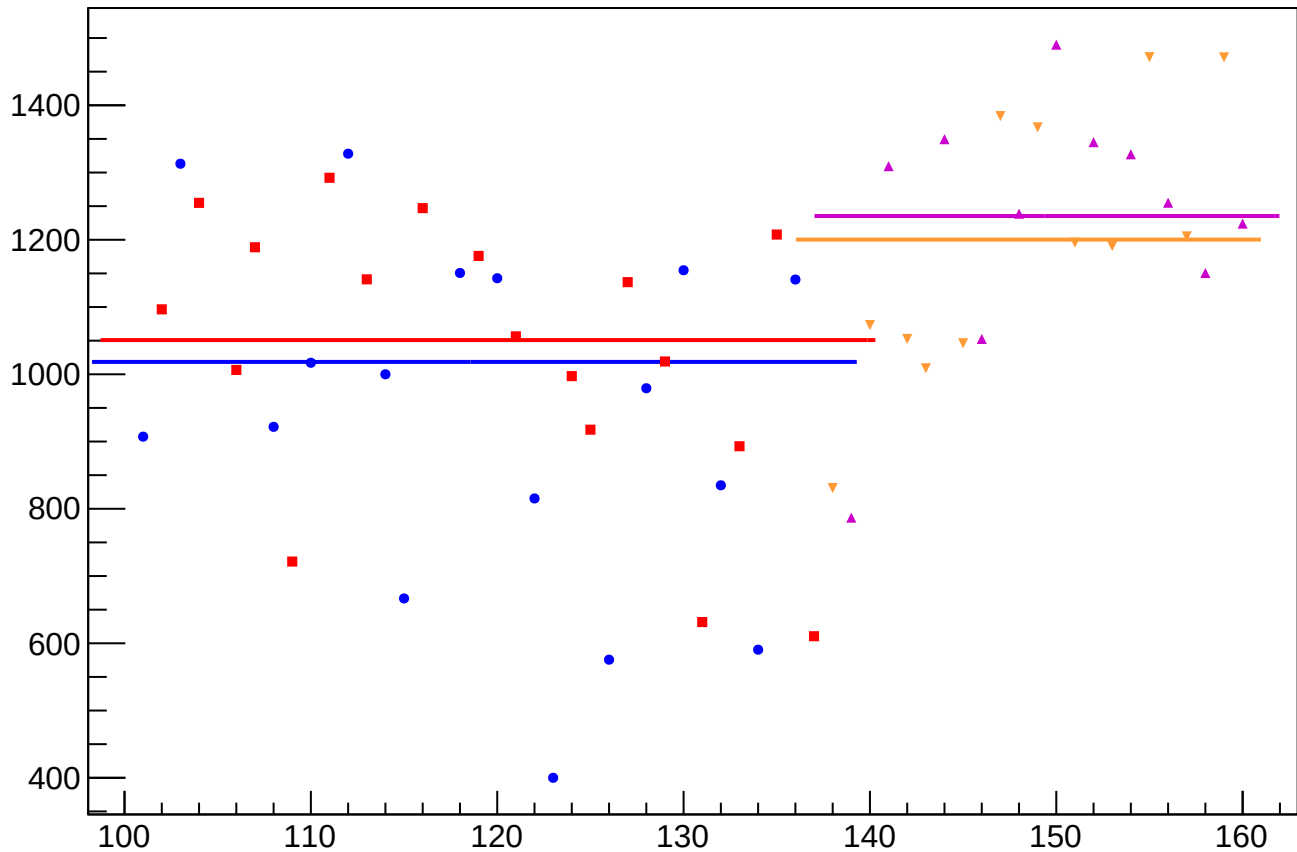
Right In: 528.041+/-0.000 χ^2/NDF : 69659723827653646879006199384029265920.0/16

Left Out: 718.075+/-0.000 χ^2/NDF : 47539185486125031464503975982300921856.0/11

Right Out: 481.423+/-0.000 χ^2/NDF : 37781807344960782949995964438094544896.0/17

Left In: 712.956+/-0.000 χ^2/NDF : 33715682233034029284600696449779367936.0/10

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

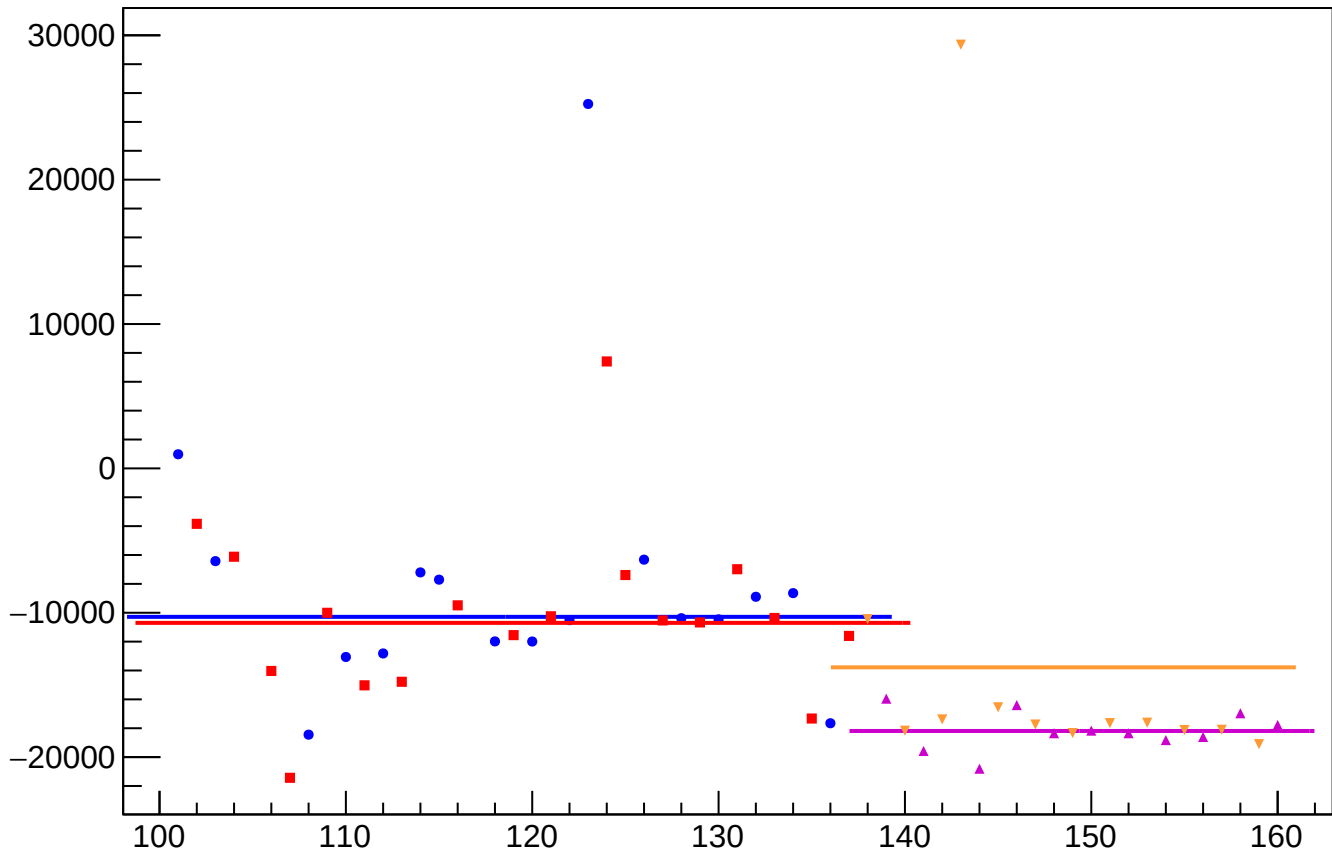
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

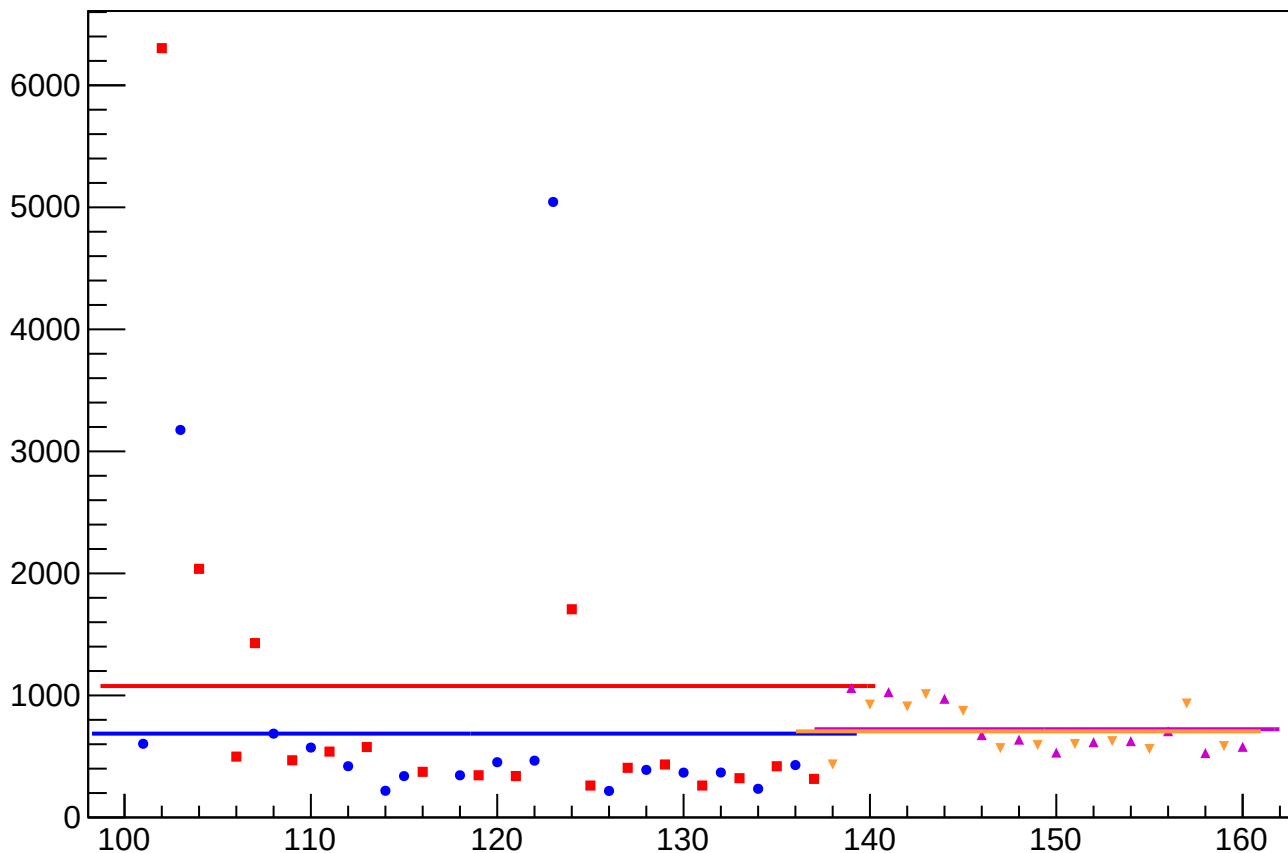
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_atl1_coil1_mean vs Slug



Right In: -10283.660 ± 0.000 $\chi^2/\text{NDF}: 22542685724167344155071704935611221671936.0/16$
 Left Out: -13780.875 ± 0.000 $\chi^2/\text{NDF}: 138817330584648681822484556617162256547840.0/11$
 Right Out: -10700.860 ± 0.000 $\chi^2/\text{NDF}: 17608009820774086602629870631925827239936.0/17$
 Left In: -18189.629 ± 0.000 $\chi^2/\text{NDF}: 1634139917822330923820252034017137786880.0/10$

dit_atl1_coil1_err_mean vs Slug



Right In: 686.989+/-0.000 χ^2/NDF : 493304193623954738914781428530632720384.0/16

Left Out: 705.686+/-0.000 χ^2/NDF : 30616664019236375652772902235296235520.0/11

Right Out: 1076.905+/-0.000 χ^2/NDF : 1898129082549914246384223466564869947392.0/17

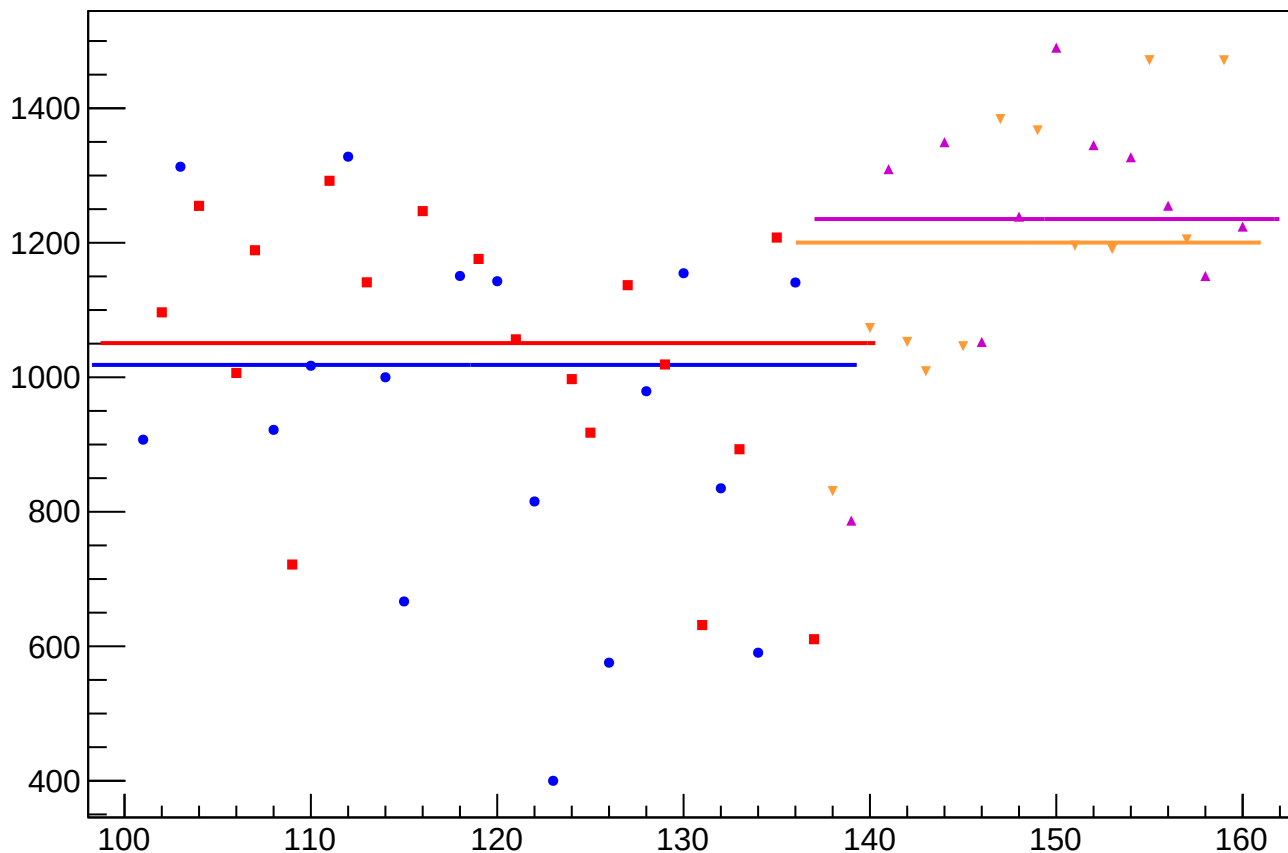
Left In: 722.981+/-0.000 χ^2/NDF : 33412765649158577967580020065397899264.0/10

All: 788.301+/-0.000 χ^2/NDF : 253232517173

+ sign 697.591+/-0.000 χ^2/NDF : 524058426538162

- sign 876.534+/-0.000 χ^2/NDF : 198224700627180

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

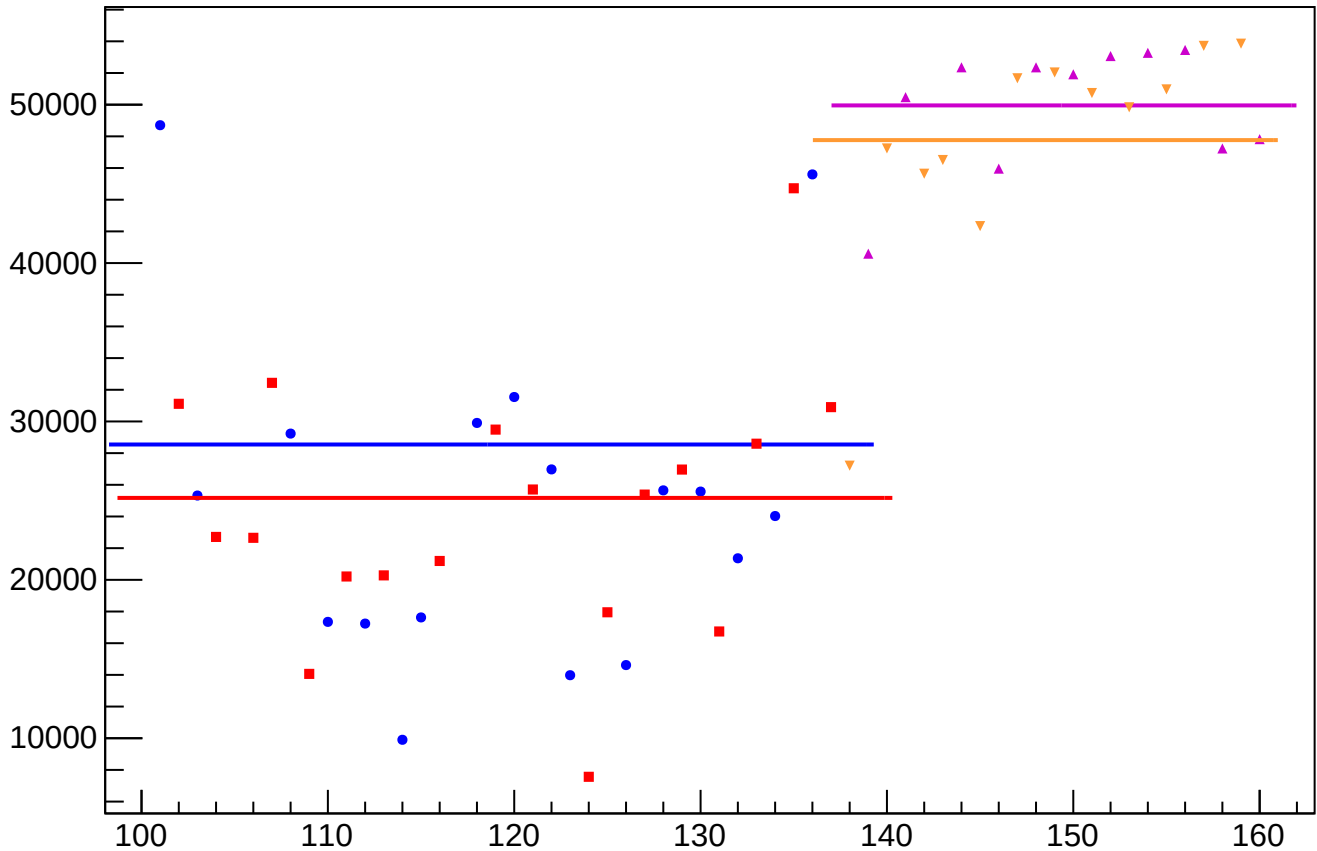
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

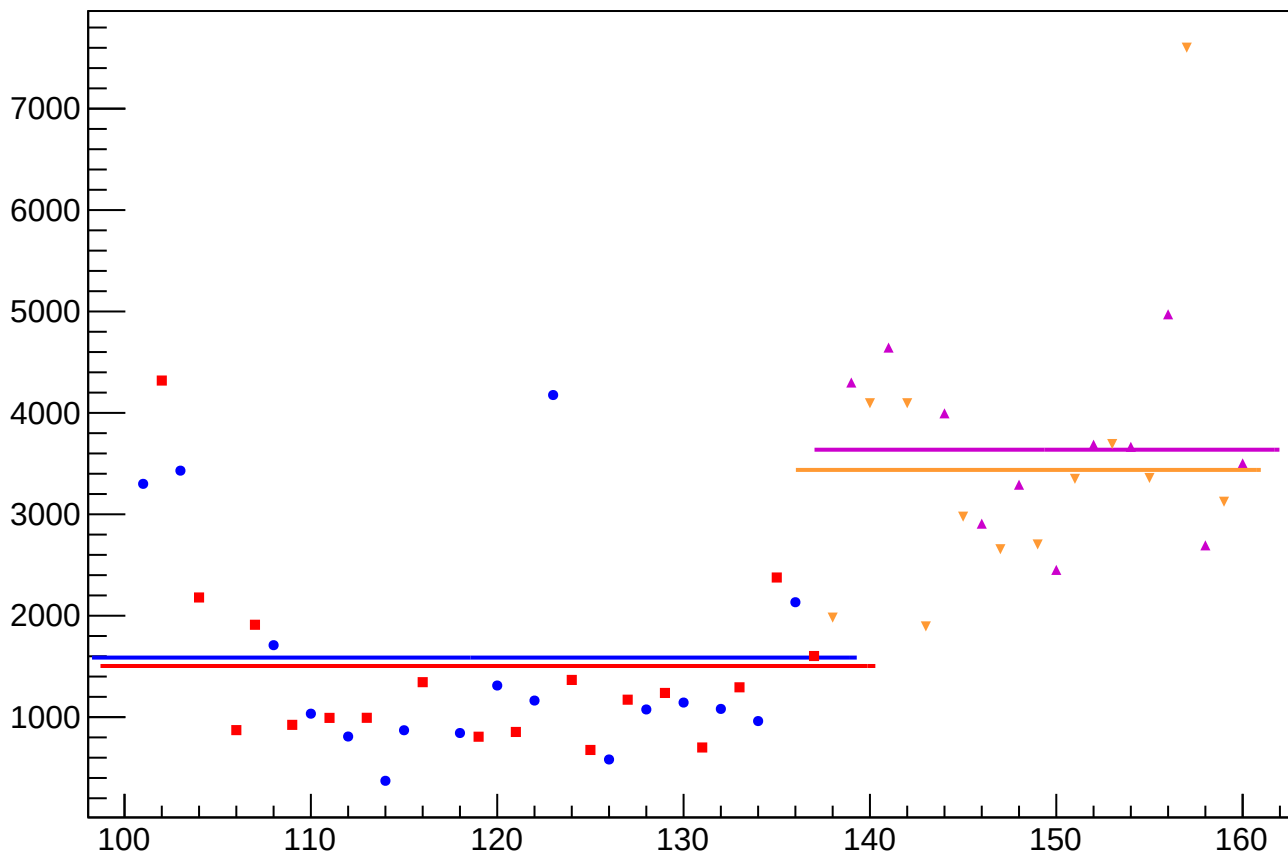
dit_atl2_coil1_mean vs Slug



Right In: 28545.088+/-0.000	χ^2/NDF : 79305503092498524397532941064889916456960.0/16
Left Out: 47763.203+/-0.000	χ^2/NDF : 45759984204233972463295715243734259990528.0/11
Right Out: 25173.072+/-0.000	χ^2/NDF : 42747079455180569490134671830323044548608.0/17
Left In: 49953.612+/-0.000	χ^2/NDF : 13577033864383990821014727544731703705600.0/10

+ sign 39442.946+/-0.000 χ^2/NDF : 2704142672971
 All: 39320.981+/-0.000 χ^2/NDF : 5753572999
 - sign 39202.346+/-0.000 χ^2/NDF : 3048959929215

dit_atl2_coil1_err_mean vs Slug



Right In: 1587.187+/-0.000 χ^2 /NDF: 615324434940076903003531567179686215680.0/16

Left Out: 3437.732+/-0.000 χ^2 /NDF: 1787367668595754289869839739980022284288.0/11

Right Out: 1504.230+/-0.000 χ^2 /NDF: 678771439829187339393474850676239499264.0/17

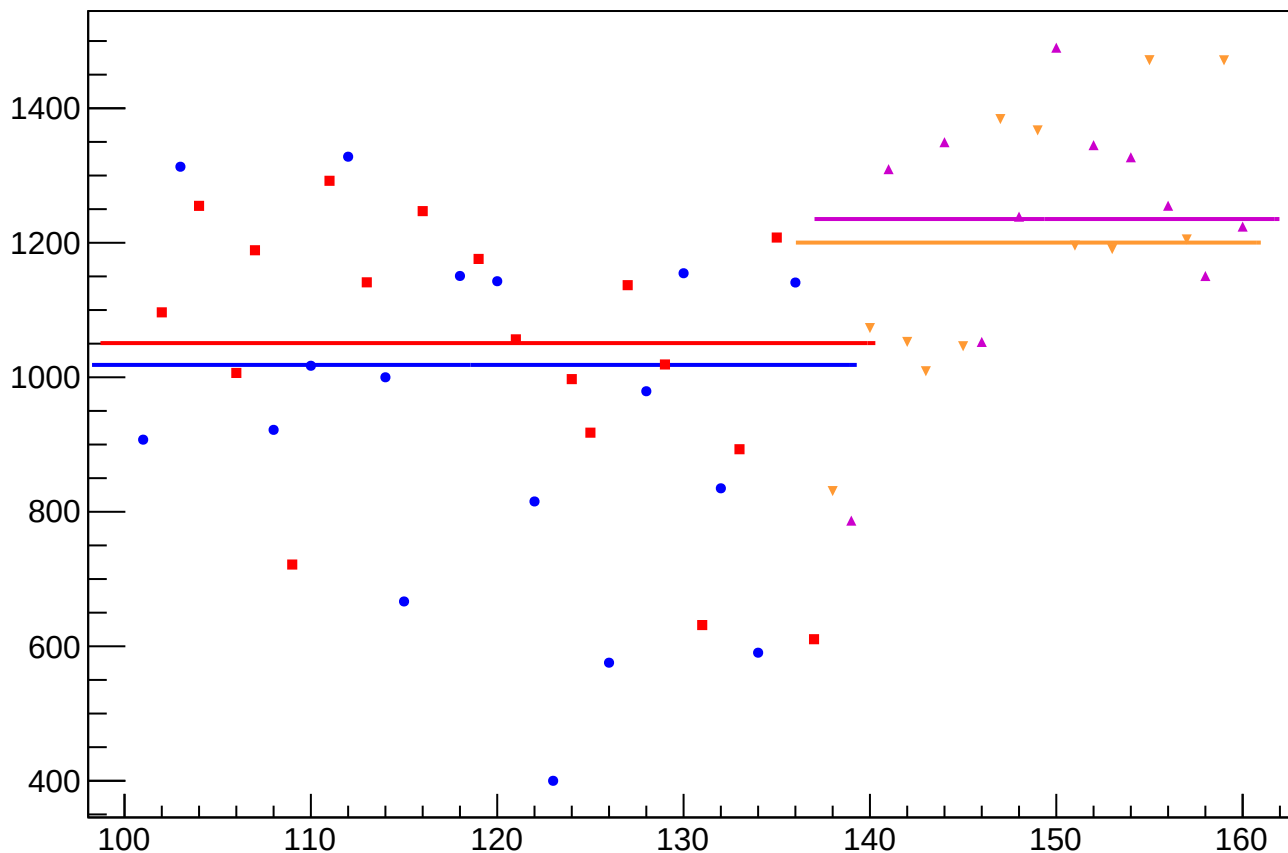
Left In: 3636.942+/-0.000 χ^2 /NDF: 531629510499304026743248594251812962304.0/10

+ sign 2636.561+/-0.000 χ^2 /NDF: 37503796075026

All: 2674.623+/-0.000 χ^2 /NDF: 68065367246

- sign 2711.646+/-0.000 χ^2 /NDF: 30515759098820

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

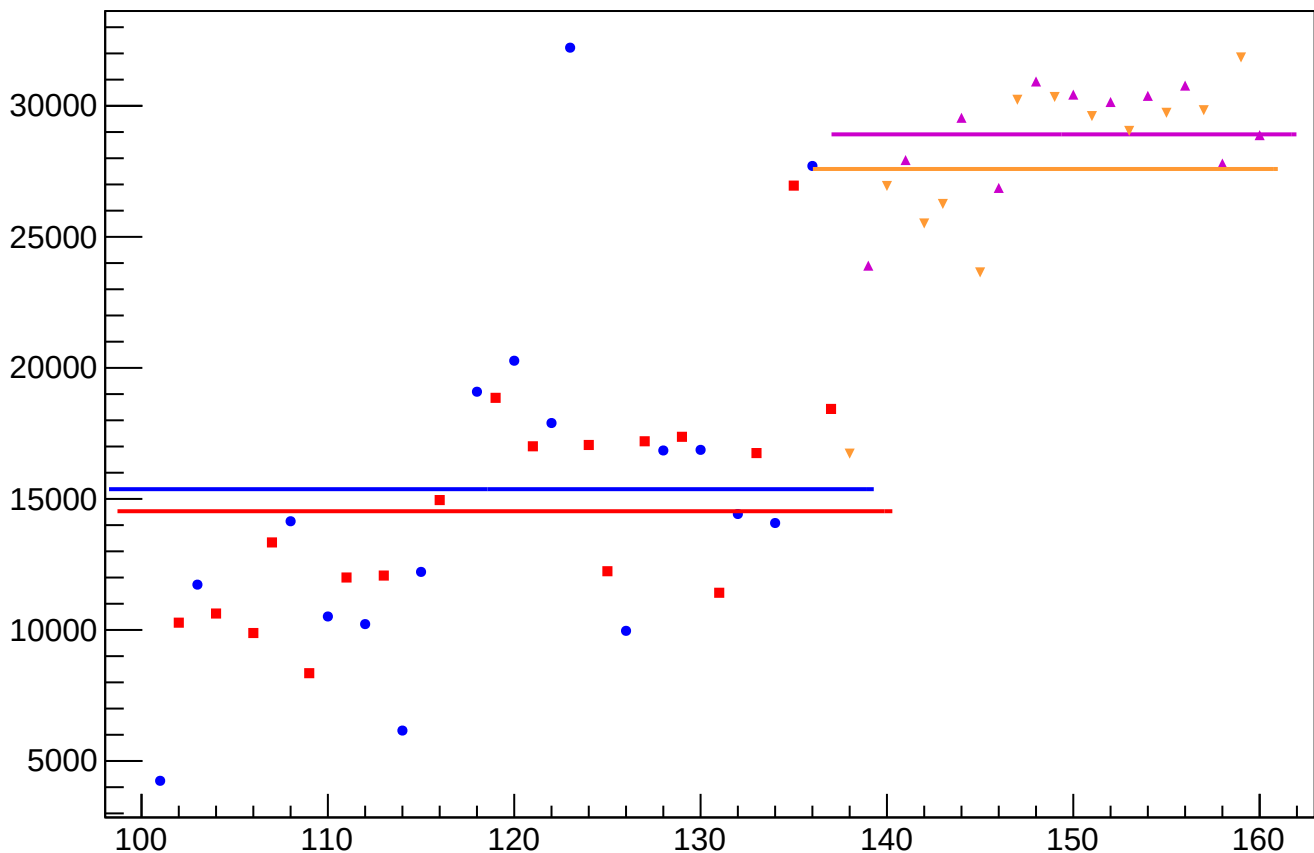
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

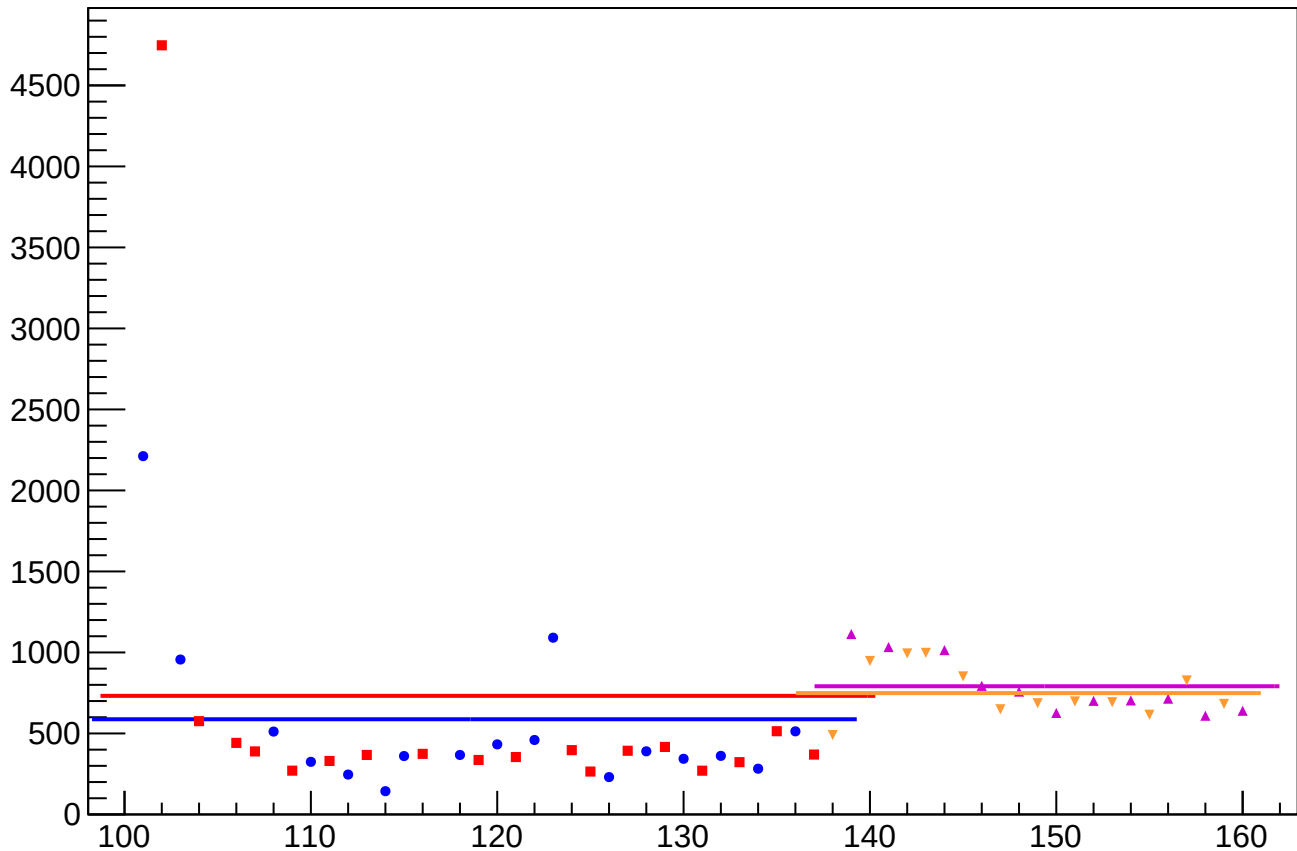
dit_atr1_coil1_mean vs Slug



Right In: 15371.957+/-0.000	χ^2/NDF : 29284474571084462407736251938608521412608.0/16
Left Out: 27590.549+/-0.000	χ^2/NDF : 14629897493361033715378591637422508867584.0/11
Right Out: 14530.553+/-0.000	χ^2/NDF : 15462988113686651104588076983529515253760.0/17
Left In: 28911.407+/-0.000	χ^2/NDF : 3750623516154684604168342640620271042560.0/10

+ sign 22300.654+/-0.000 χ^2/NDF : 1026676602092
 All: 22488.968+/-0.000 χ^2/NDF : 2057077476
 - sign 22672.141+/-0.000 χ^2/NDF : 1029279471087

dit_atr1_coil1_err_mean vs Slug



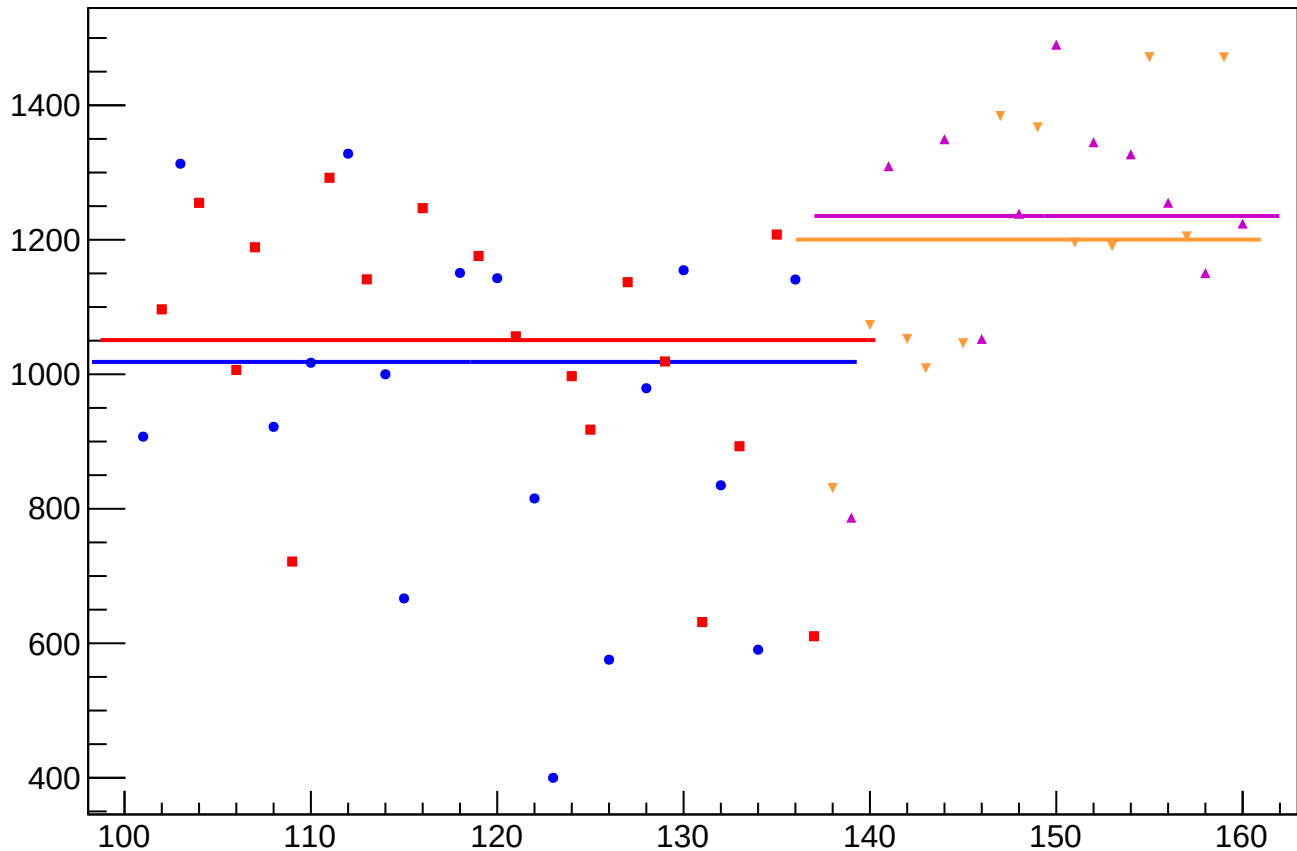
Right In: 587.577+/-0.000 χ^2/NDF : 195107984512310448986091727250308202496.0/16

Left Out: 749.082+/-0.000 χ^2/NDF : 19986493434775093751754489968960995328.0/11

Right Out: 732.166+/-0.000 χ^2/NDF : 1022613131551712750449458449642369843200.0/17

Left In: 791.279+/-0.000 χ^2/NDF : 2682259207642096711518423492795039744.0/10

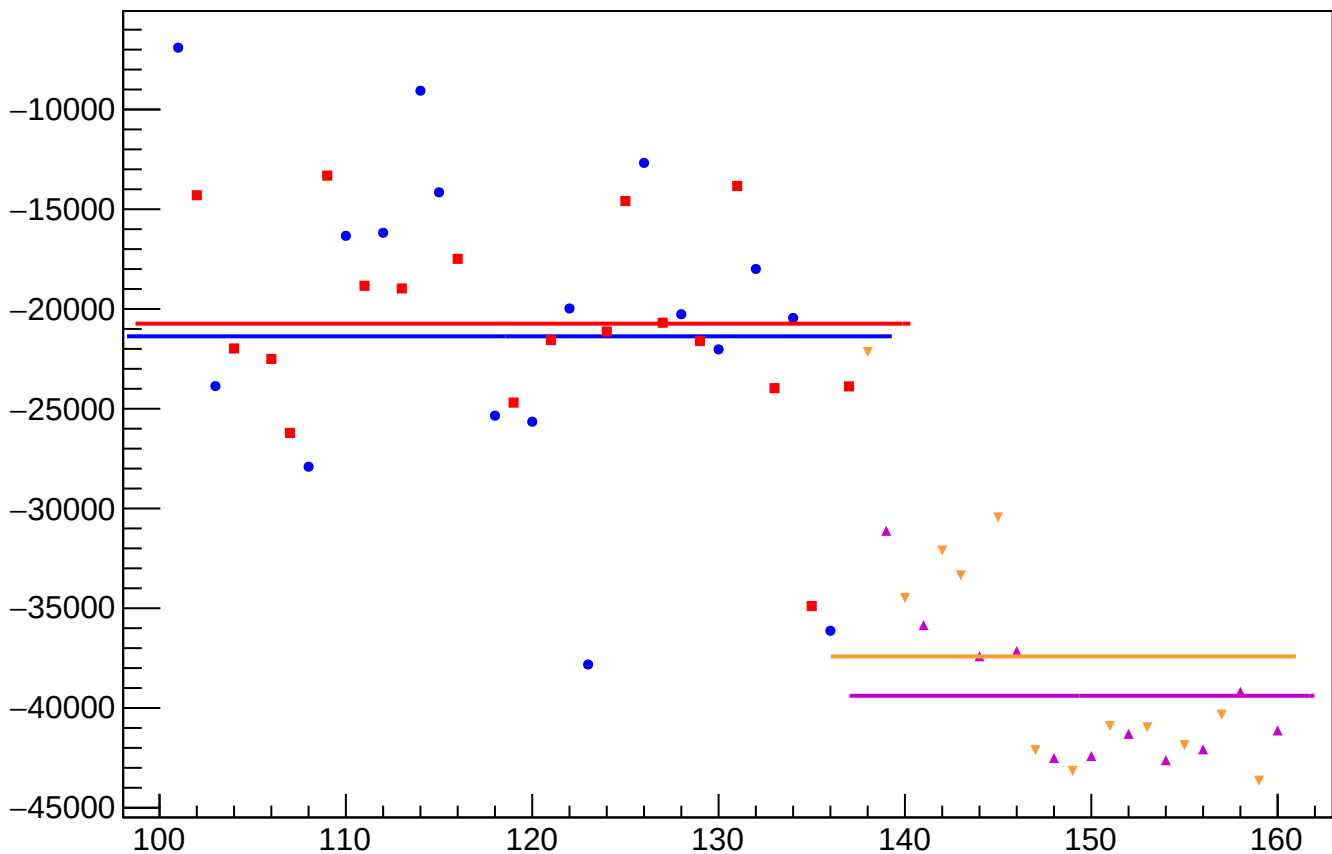
dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000	χ^2/NDF : 32778661856751386998435413517146259456.0/16
Left Out: 1200.293+/-0.000	χ^2/NDF : 34024831893478856274932660157533913088.0/11
Right Out: 1050.842+/-0.000	χ^2/NDF : 26898078099677260392287731084448235520.0/17
Left In: 1235.313+/-0.000	χ^2/NDF : 29022677529286996275047766841758842880.0/10

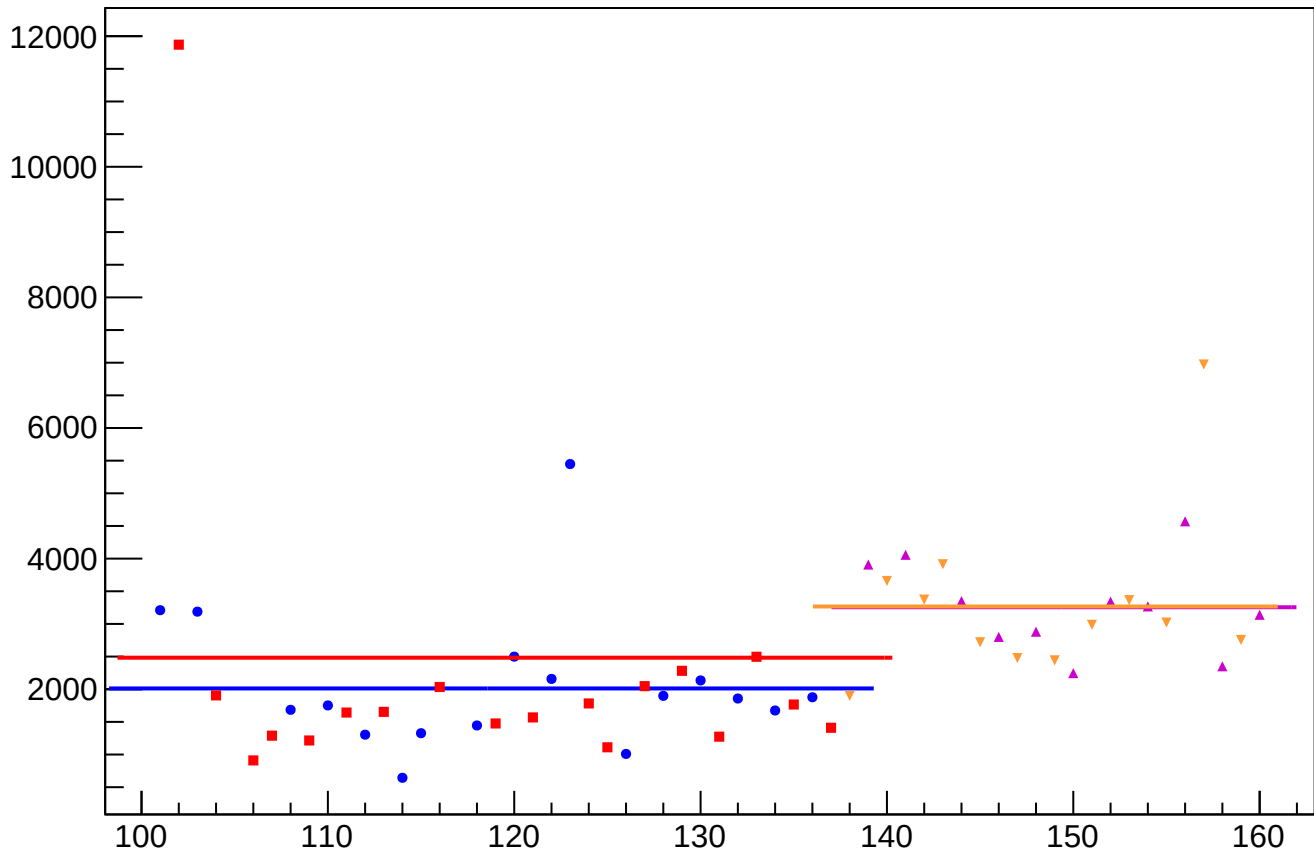
+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826
 All: 1138.646+/-0.000 χ^2/NDF : 15044351621
 - sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_atr2_coil1_mean vs Slug



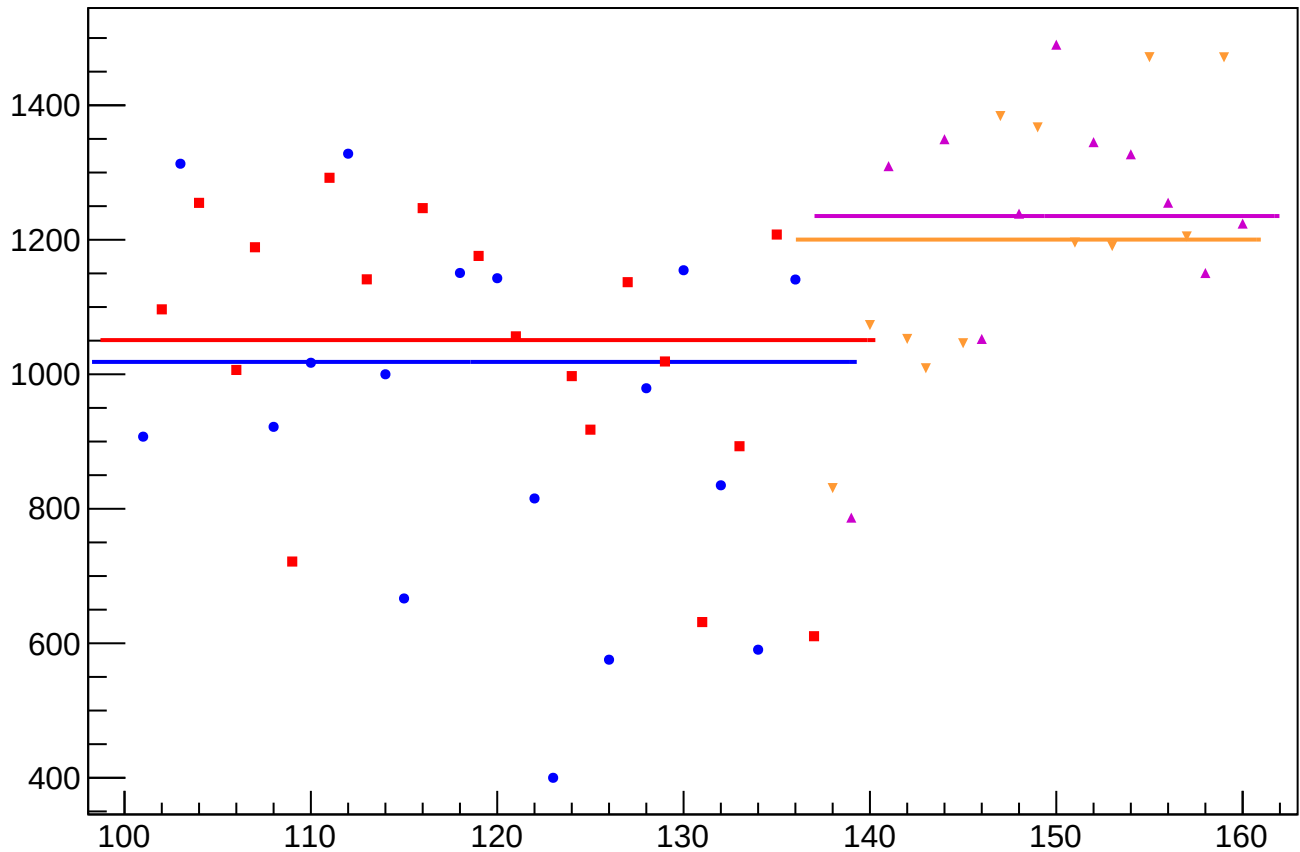
Right In: -21370.339+/-0.000 χ^2/NDF : 44476087148423218769698830448172004802560.0/16
 Left Out: -37415.440+/-0.000 χ^2/NDF : 36893164654983701349381151569495382294528.0/11
 Right Out: -20735.001+/-0.000 χ^2/NDF : 21267884844776863671050573800564620001280.0/17
 Left In: -39386.944+/-0.000 χ^2/NDF : 11090931788233525208634627212015308898304.0/10

dit_atr2_coil1_err_mean vs Slug



Right In: 2011.970 $\pm$ 0.000 χ^2 /NDF: 346652592308673178727003456260959895552.0/16
 Left Out: 3267.187 $\pm$ 0.000 χ^2 /NDF: 1365364759229998432134037030614341779456.0/11
 Right Out: 2482.921 $\pm$ 0.000 χ^2 /NDF: 5673812113008855047349052904680066121728.0/17
 Left In: 3255.280 $\pm$ 0.000 χ^2 /NDF: 418327011986445588651238941523934445568.0/10

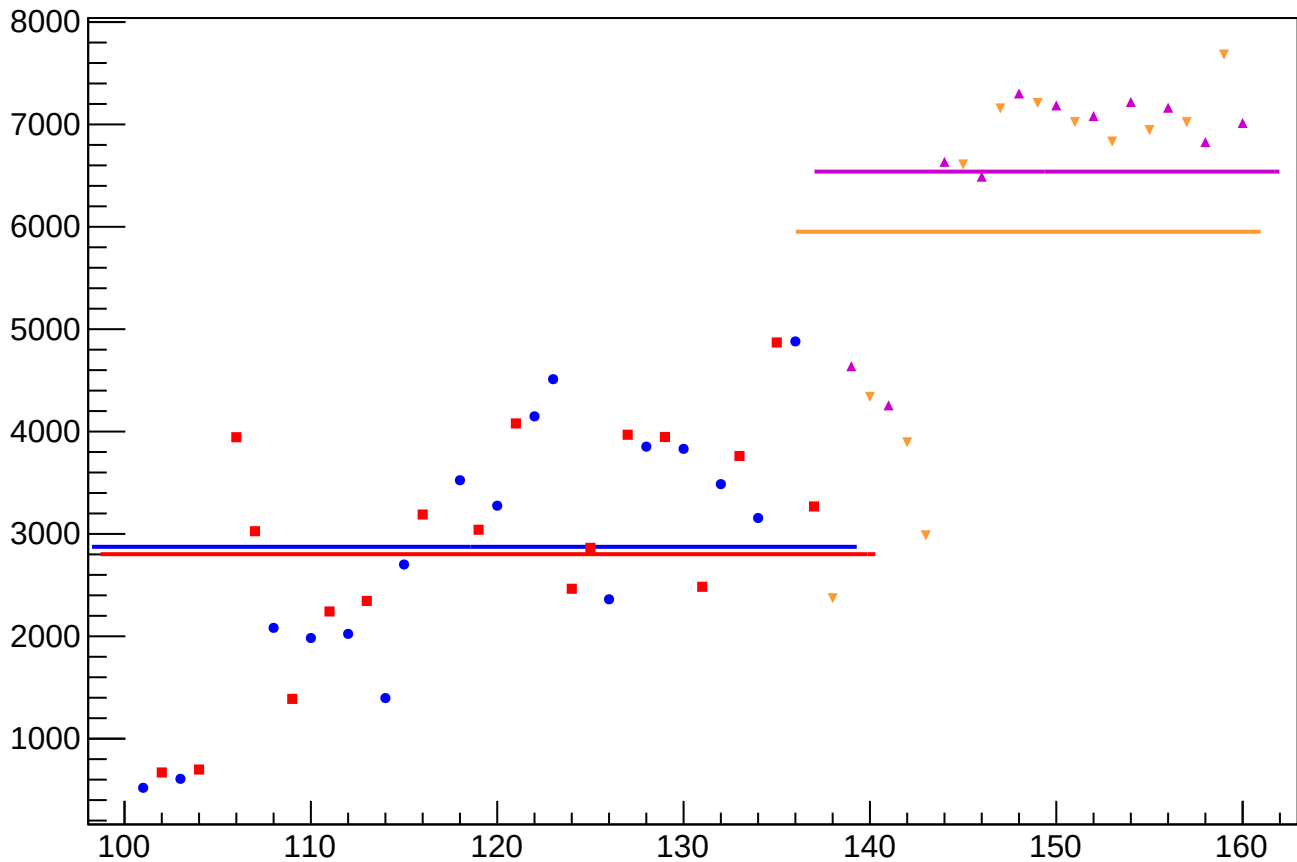
dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000	χ^2/NDF : 32778661856751386998435413517146259456.0/16
Left Out: 1200.293+/-0.000	χ^2/NDF : 34024831893478856274932660157533913088.0/11
Right Out: 1050.842+/-0.000	χ^2/NDF : 26898078099677260392287731084448235520.0/17
Left In: 1235.313+/-0.000	χ^2/NDF : 29022677529286996275047766841758842880.0/10

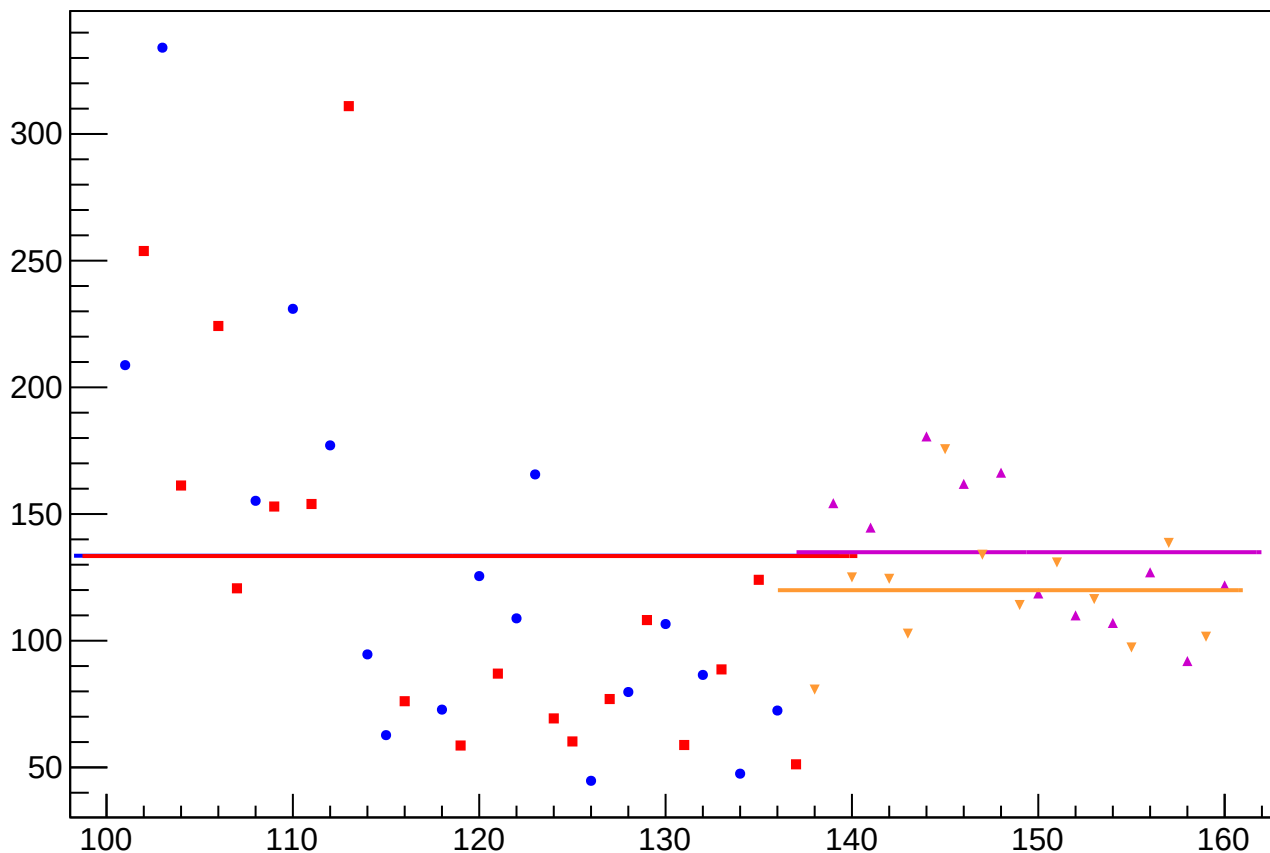
+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826
 All: 1138.646+/-0.000 χ^2/NDF : 15044351621
 - sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam1_coil1_mean vs Slug



Right In: 2874.142 $\pm$ 0.000 χ^2 /NDF: 1331222919424099285024540359740568371200.0/16
 Left Out: 5952.071 $\pm$ 0.000 χ^2 /NDF: 2833818943109615822191848442455285301248.0/11
 Right Out: 2802.151 $\pm$ 0.000 χ^2 /NDF: 1095477572477657195402092119674444578816.0/17
 Left In: 6539.067 $\pm$ 0.000 χ^2 /NDF: 947421211454184627704546632992611631104.0/10

dit_sam1_coil1_err_mean vs Slug



Right In: 133.542+/-0.000 χ^2/NDF : 4543635536863363524362136904007680000.0/16

Left Out: 119.938+/-0.000 χ^2/NDF : 506287177502147090737971040893272064.0/11

Right Out: 133.414+/-0.000 χ^2/NDF : 3923674220000100911612282920536899584.0/17

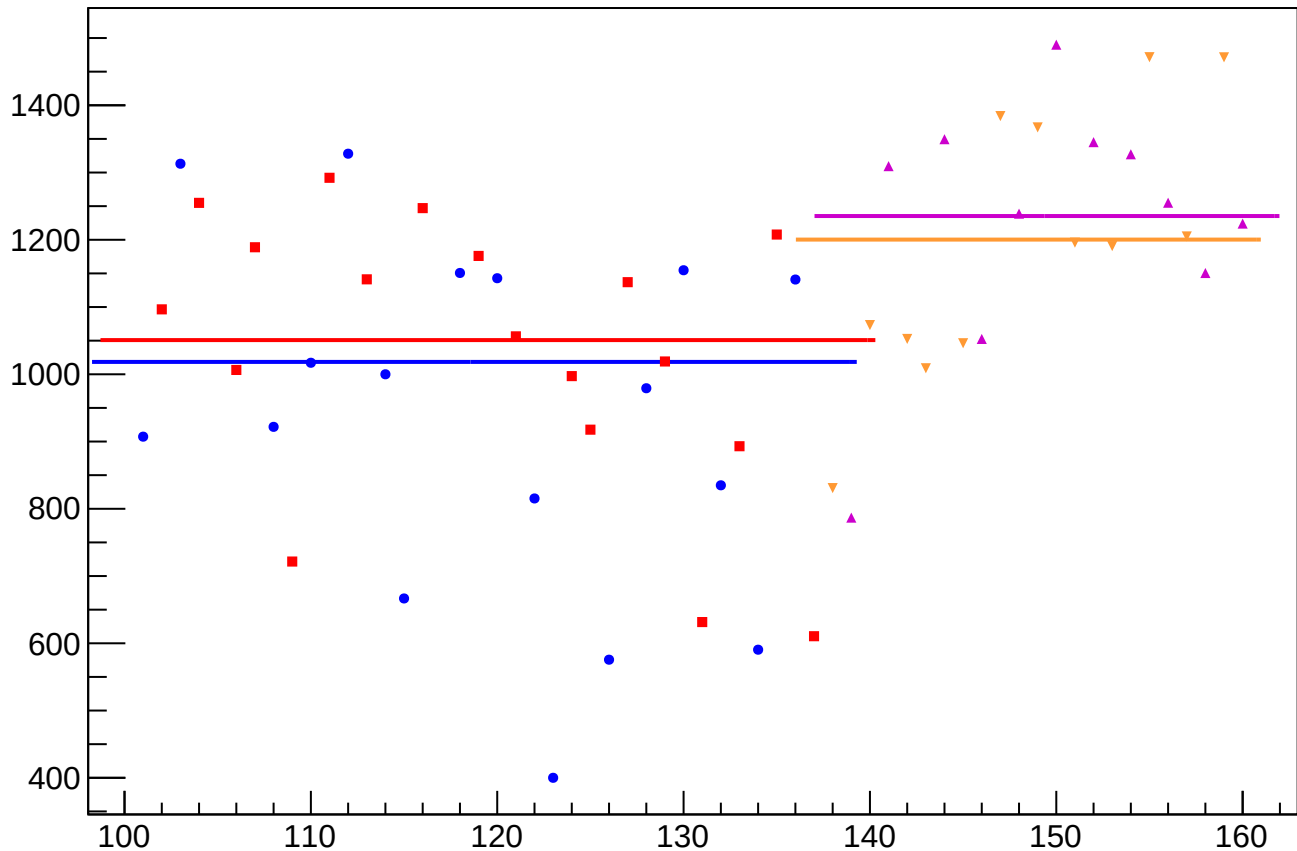
Left In: 134.936+/-0.000 χ^2/NDF : 683742897306443646966443406983692288.0/10

All: 130.110+/-0.000 χ^2/NDF : 978910259309

- sign 134.276+/-0.000 χ^2/NDF : 460835500951266

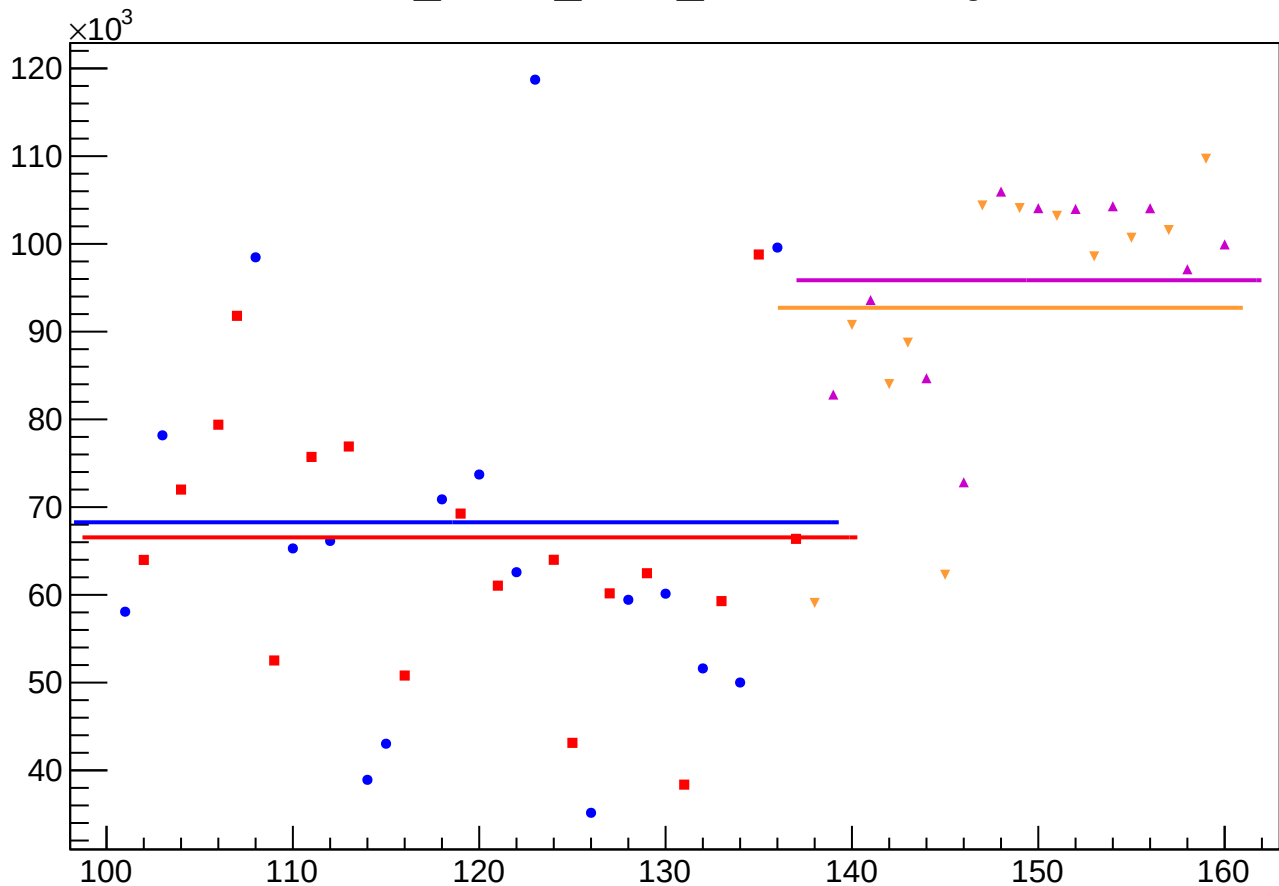
+ sign 125.828+/-0.000 χ^2/NDF : 512275421318083

dit_sam1_coil1_Ndata_mean vs Slug



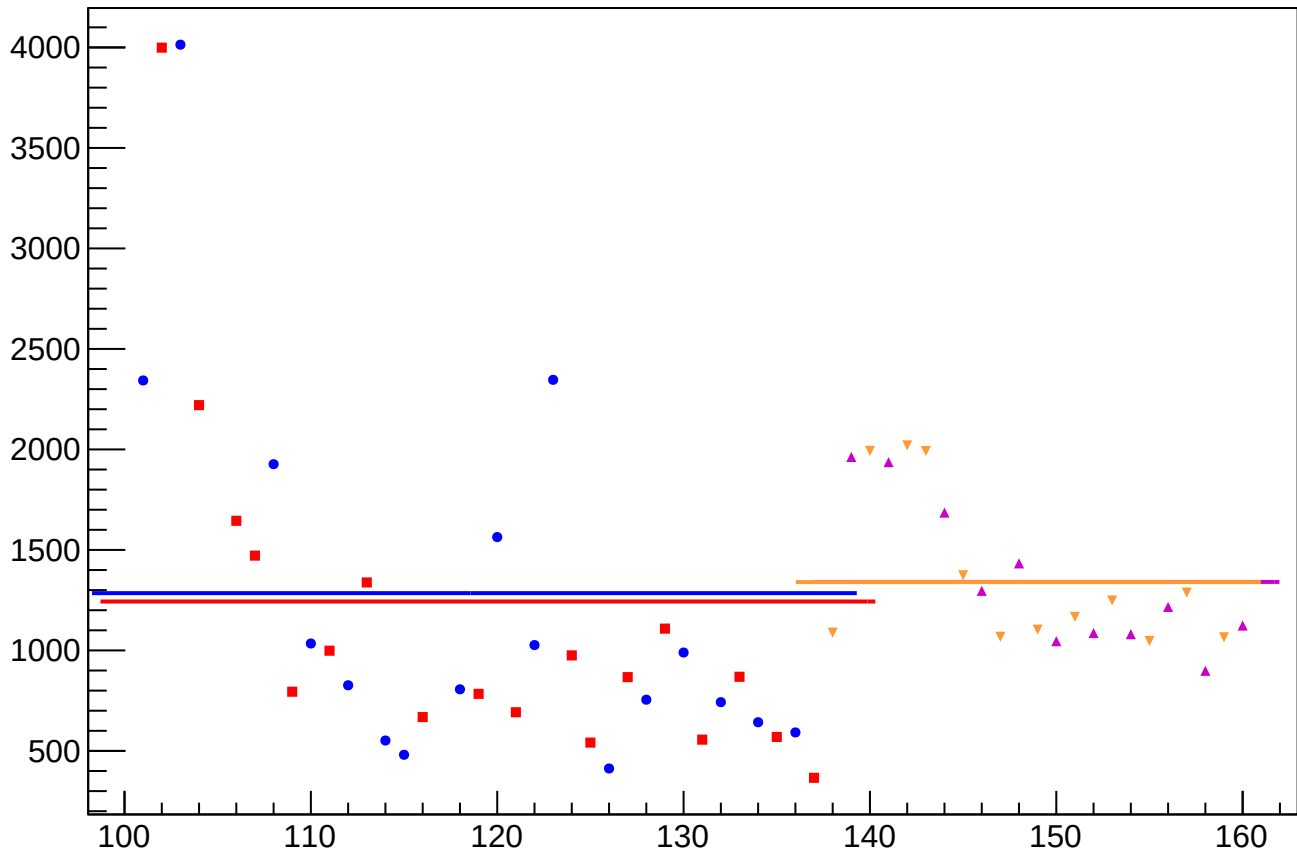
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam2_coil1_mean vs Slug



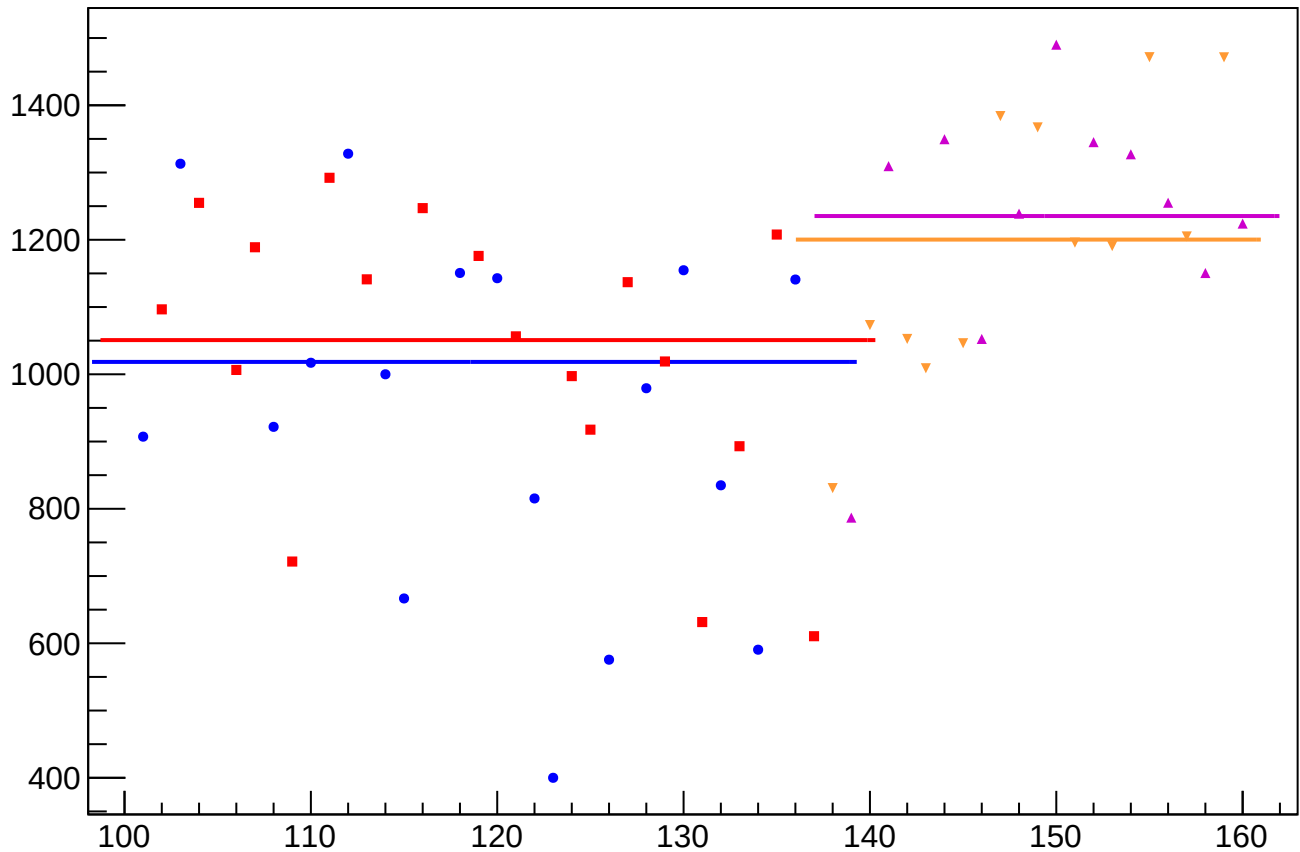
Right In: 68271.144 $\pm$ 0.000 χ^2 /NDF: 235026660939690757848337831565145453625344.0/16
 Left Out: 92717.908 $\pm$ 0.000 χ^2 /NDF: 232153760216632352324453742795605416083456.0/11
 Right Out: 66552.333 $\pm$ 0.000 χ^2 /NDF: 160169834970936771160063883899631076114432.0/17
 Left In: 95856.790 $\pm$ 0.000 χ^2 /NDF: 102994954285402902924974022528111745171456.0/10

dit_sam2_coil1_err_mean vs Slug



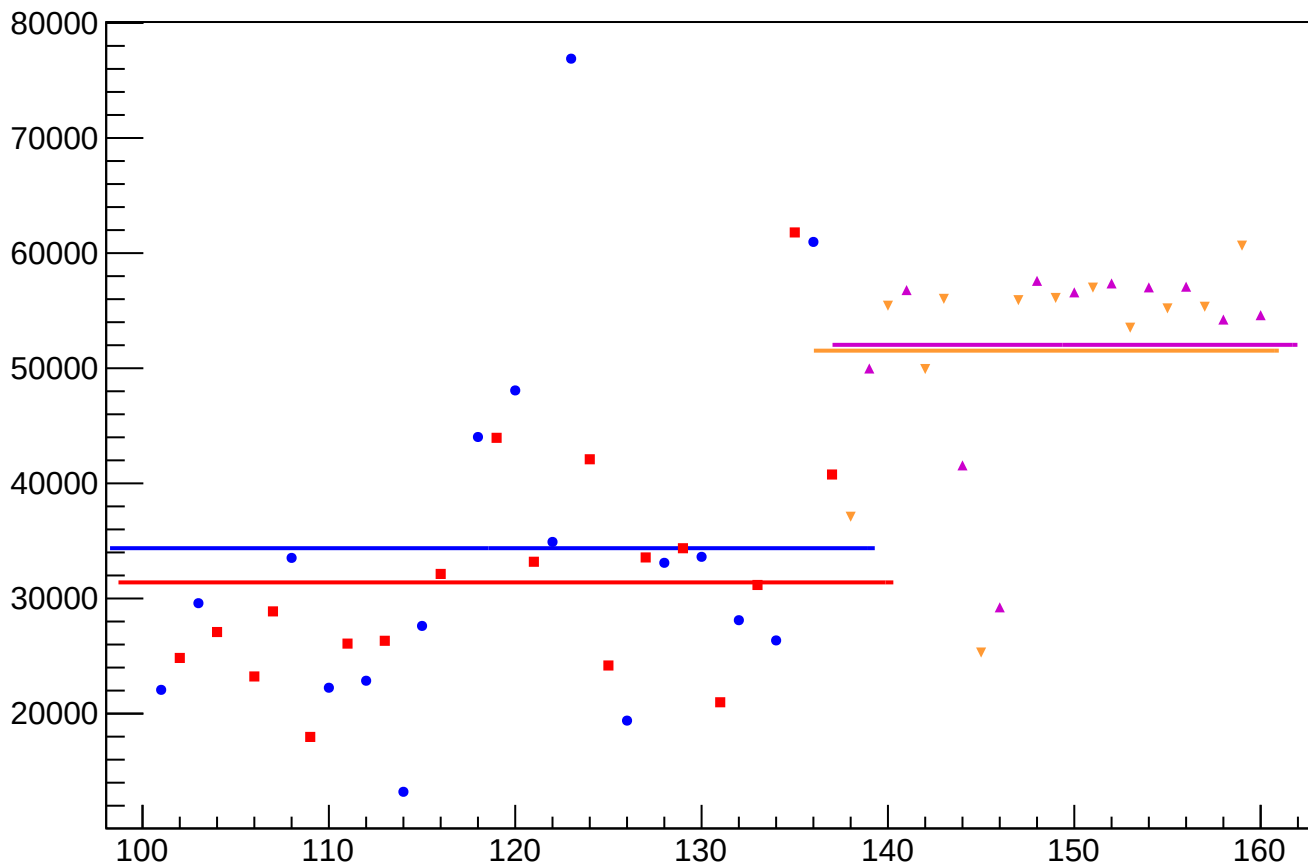
Right In: 1284.940+/-0.000 χ^2/NDF : 683539831030777721568567692799915327488.0/16
 Left Out: 1340.000+/-0.000 χ^2/NDF : 116326245376352875631706190484755972096.0/11
 Right Out: 1243.357+/-0.000 χ^2/NDF : 625737092307119238017872949095807582208.0/17
 Left In: 1340.697+/-0.000 χ^2/NDF : 113497084889581869864754089979493220352.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam3_coil1_mean vs Slug



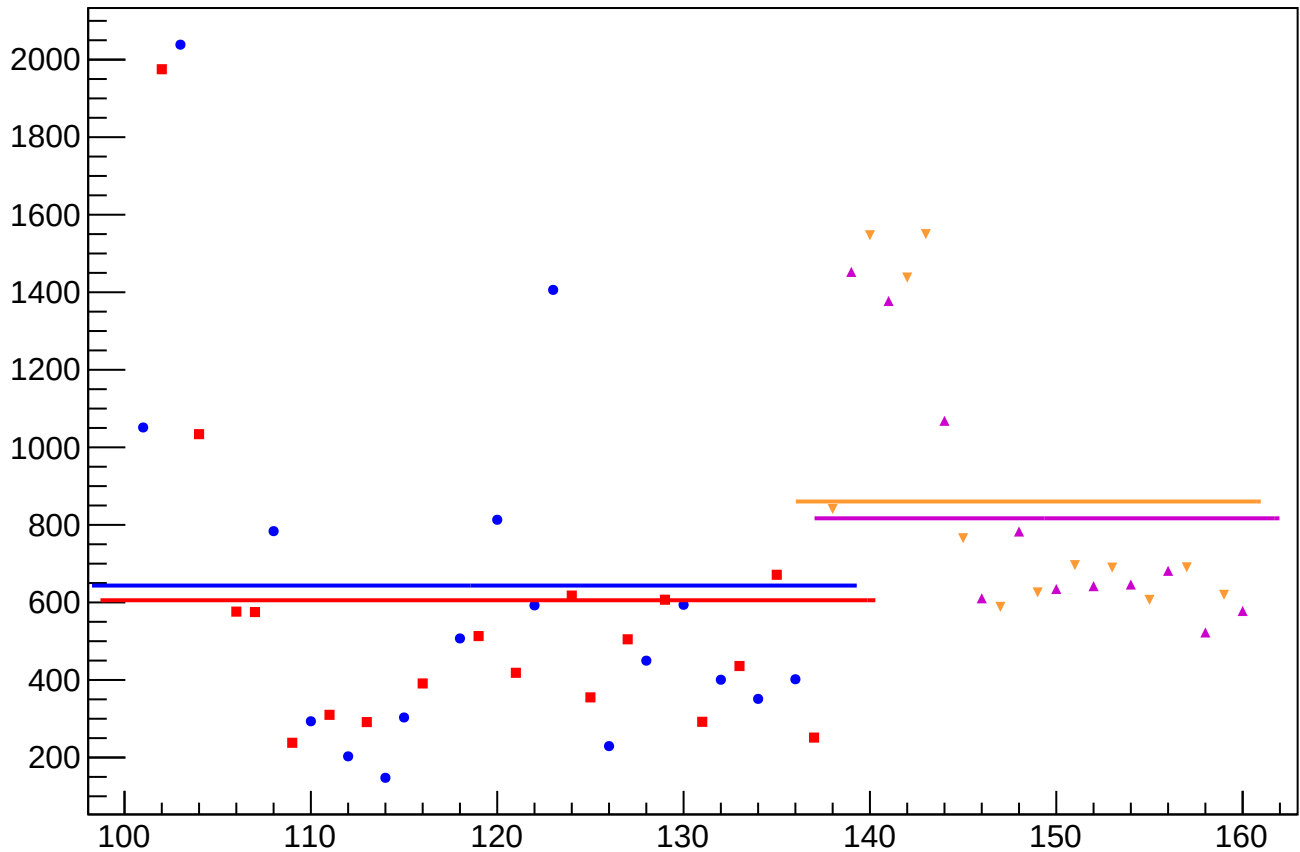
Right In: 34369.403+/-0.000	χ^2/NDF : 121175034584498762854553117020903178240000.0/16
Left Out: 51528.453+/-0.000	χ^2/NDF : 87309132481343179098596905129114857373696.0/11
Right Out: 31397.869+/-0.000	χ^2/NDF : 79791187049723357576303825736183029170176.0/17
Left In: 52033.522+/-0.000	χ^2/NDF : 67338083803269731476711249699025786503168.0/10

+ sign 44099.644+/-0.000 χ^2/NDF : 3243555748112

All: 43583.046+/-0.000 χ^2/NDF : 6447008327

- sign 43080.553+/-0.000 χ^2/NDF : 3195013417479

dit_sam3_coil1_err_mean vs Slug



Right In: 643.513+/-0.000 χ^2/NDF : 166606755510131009794947888972916850688.0/16

Left Out: 860.333+/-0.000 χ^2/NDF : 113447619211020210726400023771184365568.0/11

Right Out: 605.599+/-0.000 χ^2/NDF : 146641318103644748879900892058773094400.0/17

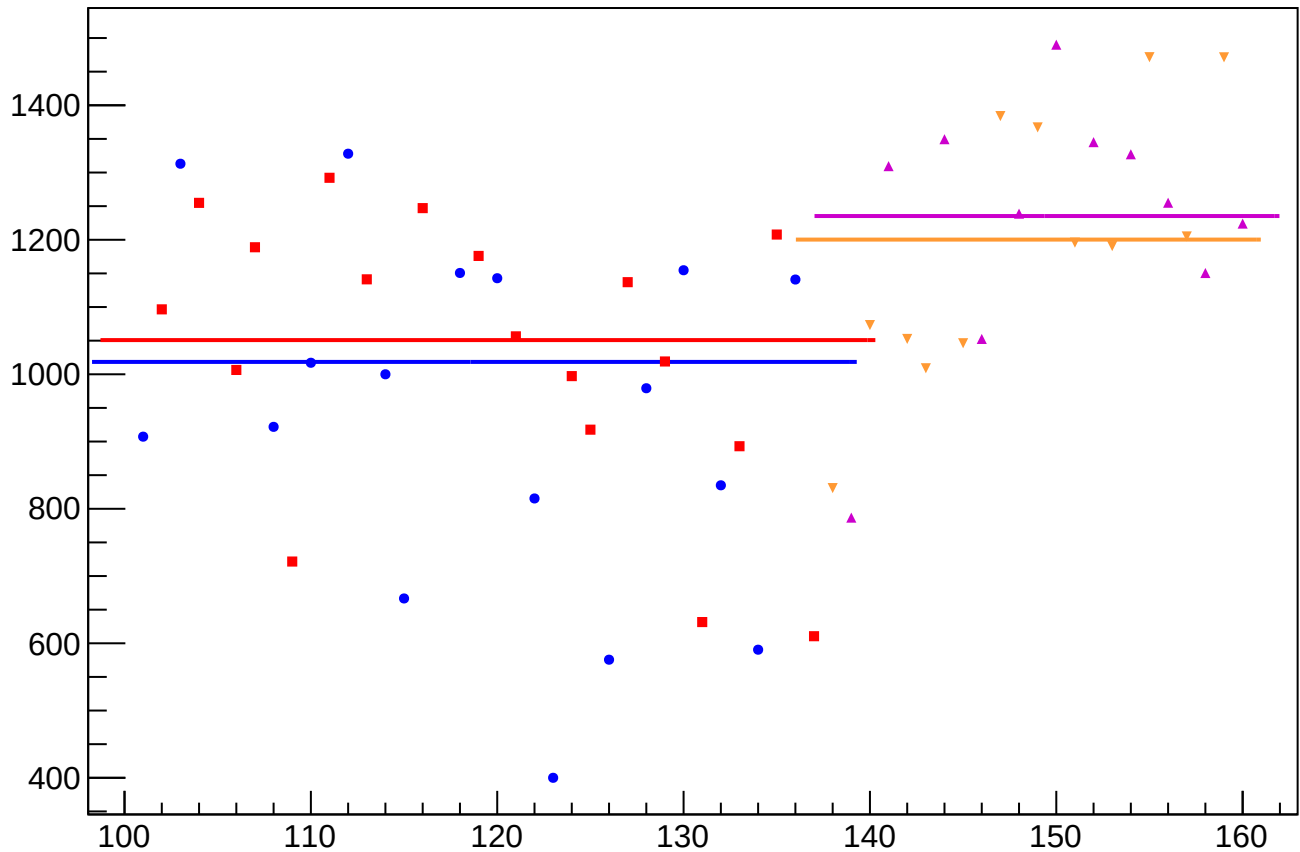
Left In: 816.958+/-0.000 χ^2/NDF : 90193686816714640570749106655187697664.0/10

+ sign 766.464+/-0.000 χ^2/NDF : 298555143220356

All: 745.576+/-0.000 χ^2/NDF : 554852876673

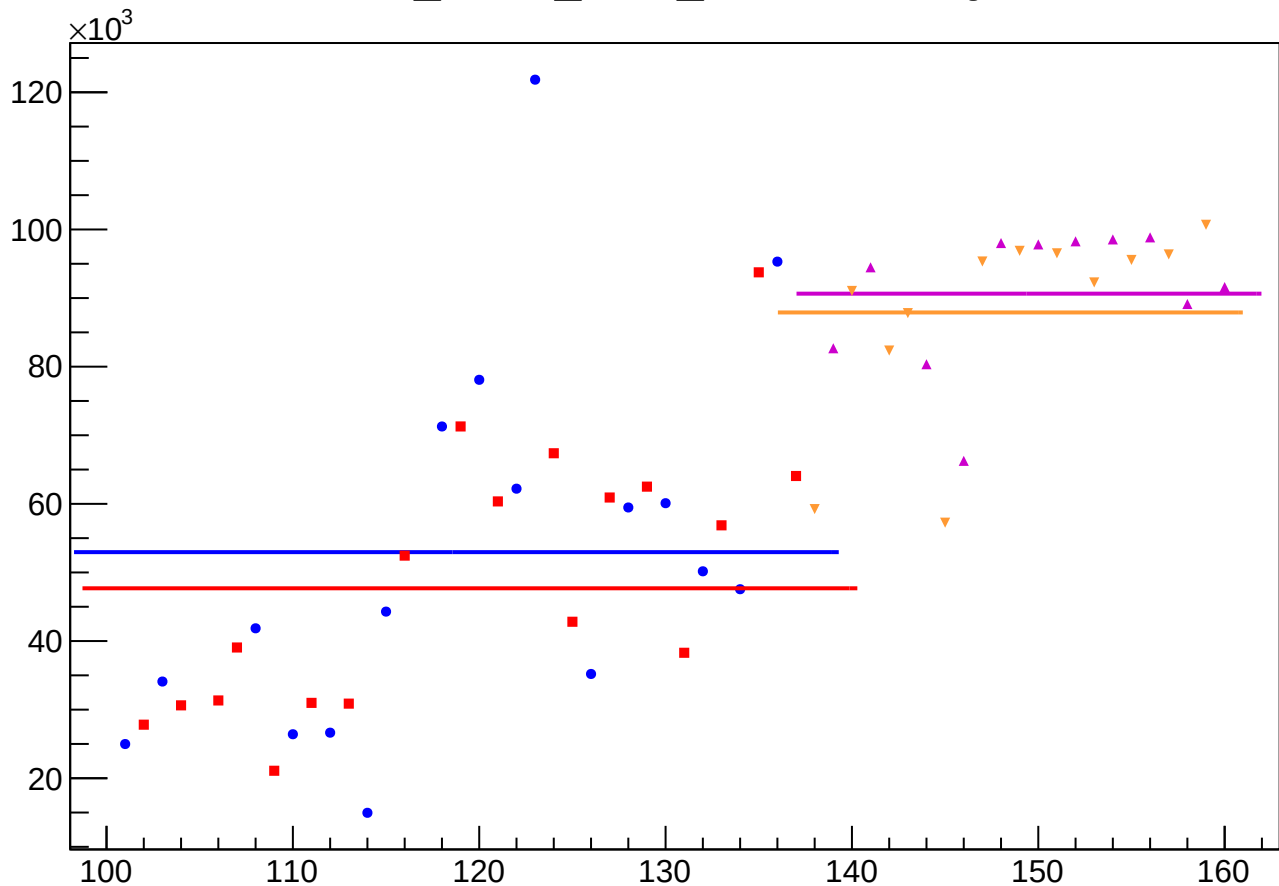
- sign 725.258+/-0.000 χ^2/NDF : 254918032324737

dit_sam3_coil1_Ndata_mean vs Slug



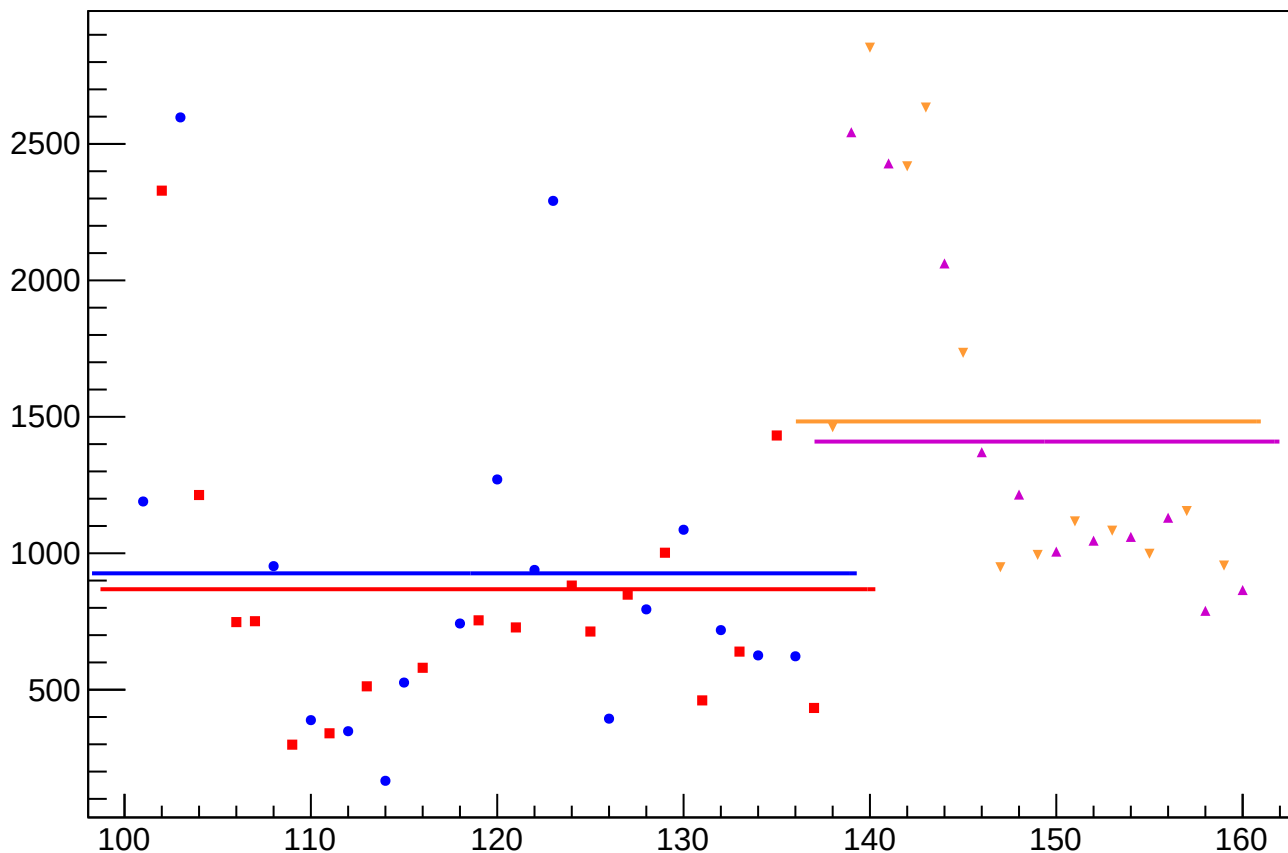
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam4_coil1_mean vs Slug



Right In: 52960.923+/-0.000 χ^2/NDF : 388091282862865702902242590456549457526784.0/16
 Left Out: 87902.834+/-0.000 χ^2/NDF : 181078064018170990794226695799487636439040.0/11
 Right Out: 47689.948+/-0.000 χ^2/NDF : 282811495062805394257124892434373518819328.0/17
 Left In: 90642.606+/-0.000 χ^2/NDF : 90652199115187667262863496655433124282368.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 926.486+/-0.000 χ^2/NDF : 243573676873909042150690872266806263808.0/16

Left Out: 1483.109+/-0.000 χ^2/NDF : 403083502170691493450426839772184969216.0/11

Right Out: 868.248+/-0.000 χ^2/NDF : 197961184826469333991871261895452262400.0/17

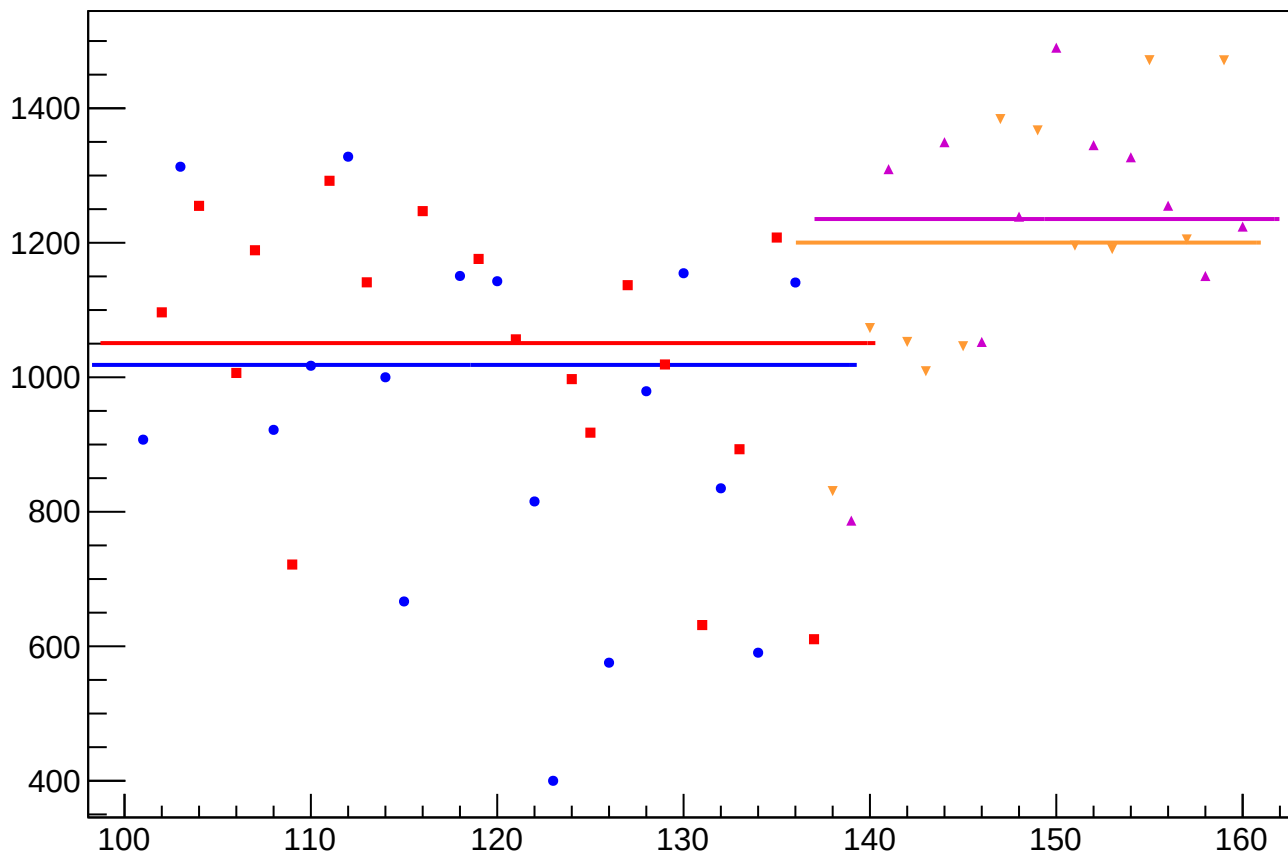
Left In: 1409.297+/-0.000 χ^2/NDF : 332711527563971352496330414058593320960.0/10

+ sign 1242.126+/-0.000 χ^2/NDF : 76858756839410

All: 1207.874+/-0.000 χ^2/NDF : 1421466160

- sign 1174.558+/-0.000 χ^2/NDF : 64916879286963

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

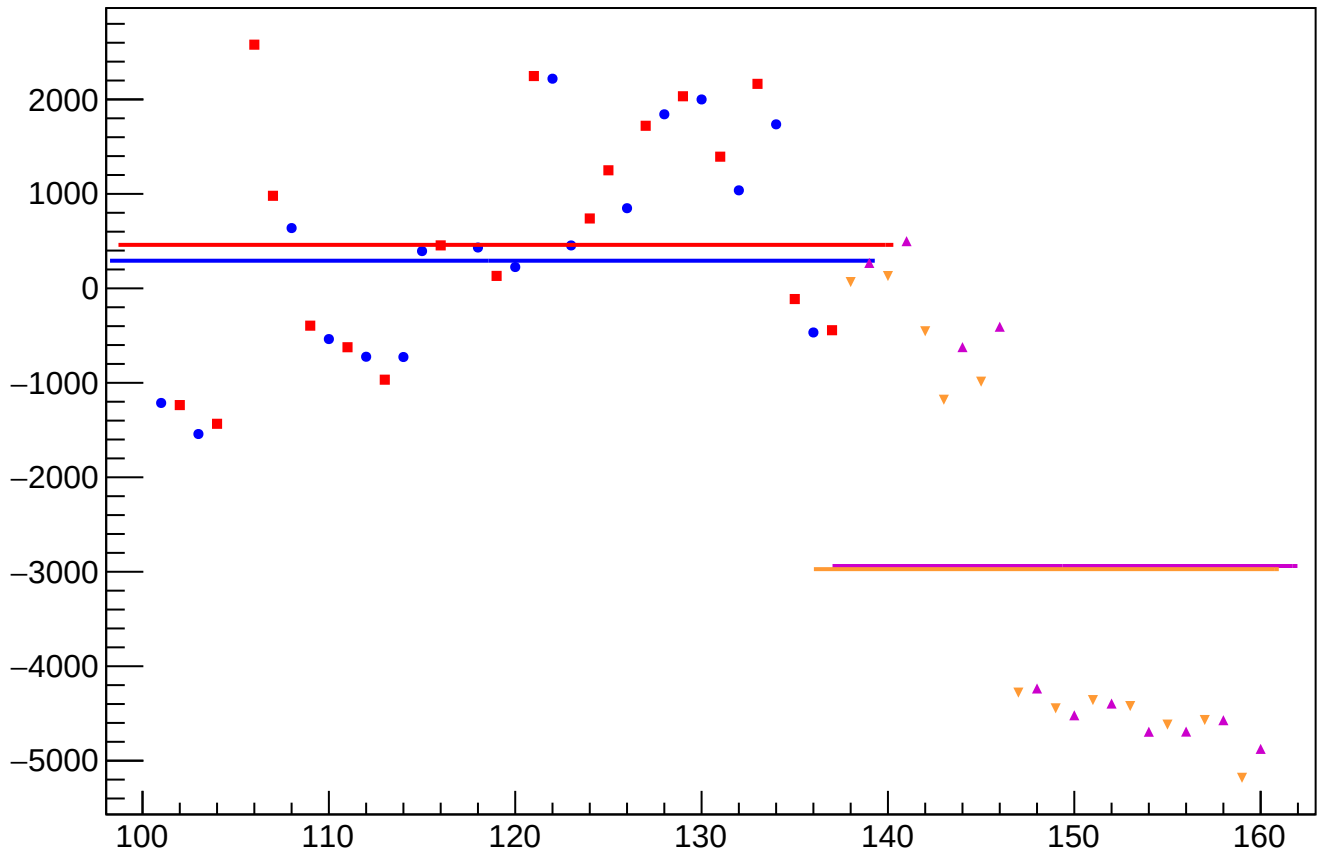
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam5_coil1_mean vs Slug



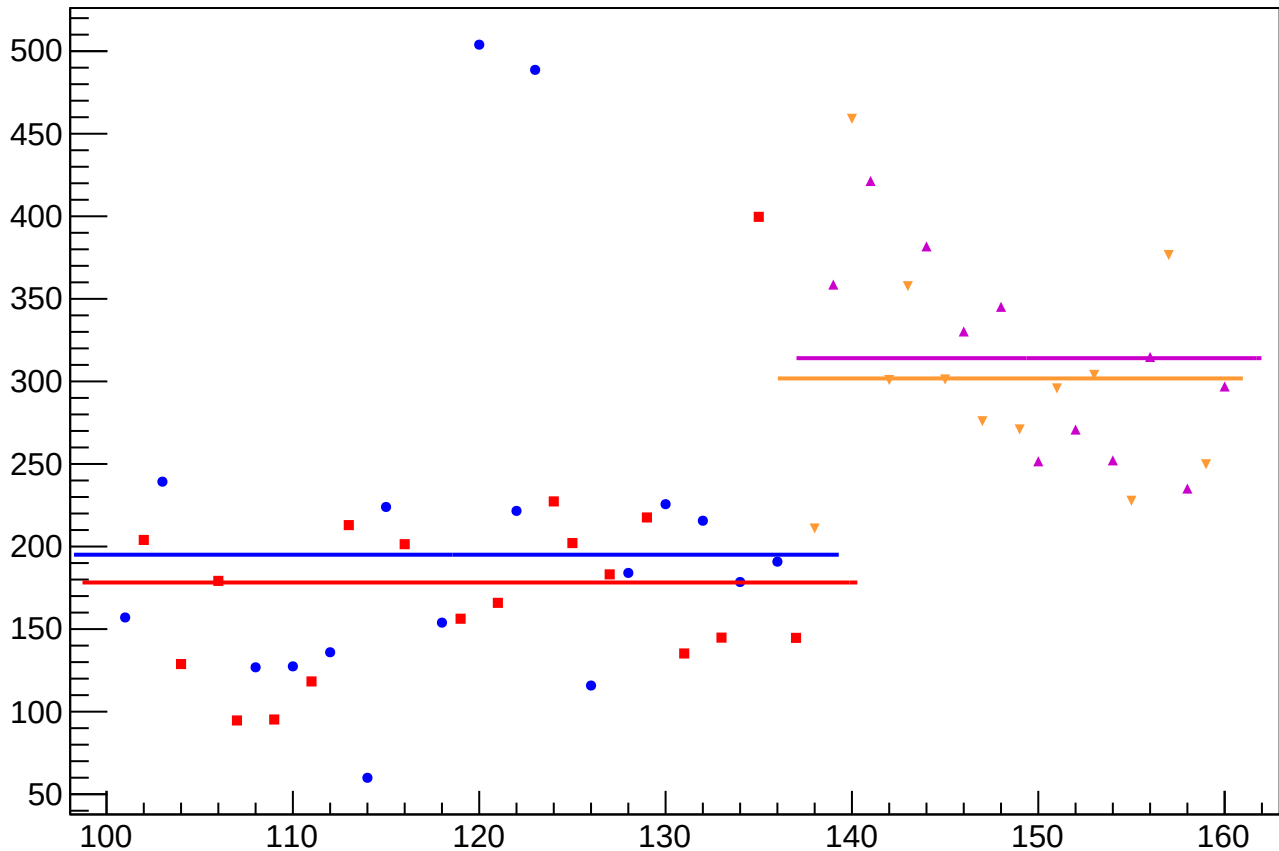
Right In: 292.624+/-0.000 χ^2/NDF : 992224758361668568621384832231814463488.0/16

Left Out: -2972.256+/-0.000 χ^2/NDF : 3761676179645694438437077561605877661696.0/11

Right Out: 460.444+/-0.000 χ^2/NDF : 1195390620297922800798852366593102446592.0/17

Left In: -2938.958+/-0.000 χ^2/NDF : 4448330371719931217957339295057738465280.0/10

dit_sam5_coil1_err_mean vs Slug



Right In: 195.049+/-0.000 χ^2/NDF : 5080024494184824251769530857650388992.0/16

Left Out: 301.805+/-0.000 χ^2/NDF : 4084053009607102608824389490062655488.0/11

Right Out: 178.222+/-0.000 χ^2/NDF : 3636798558444840391154572885518974976.0/17

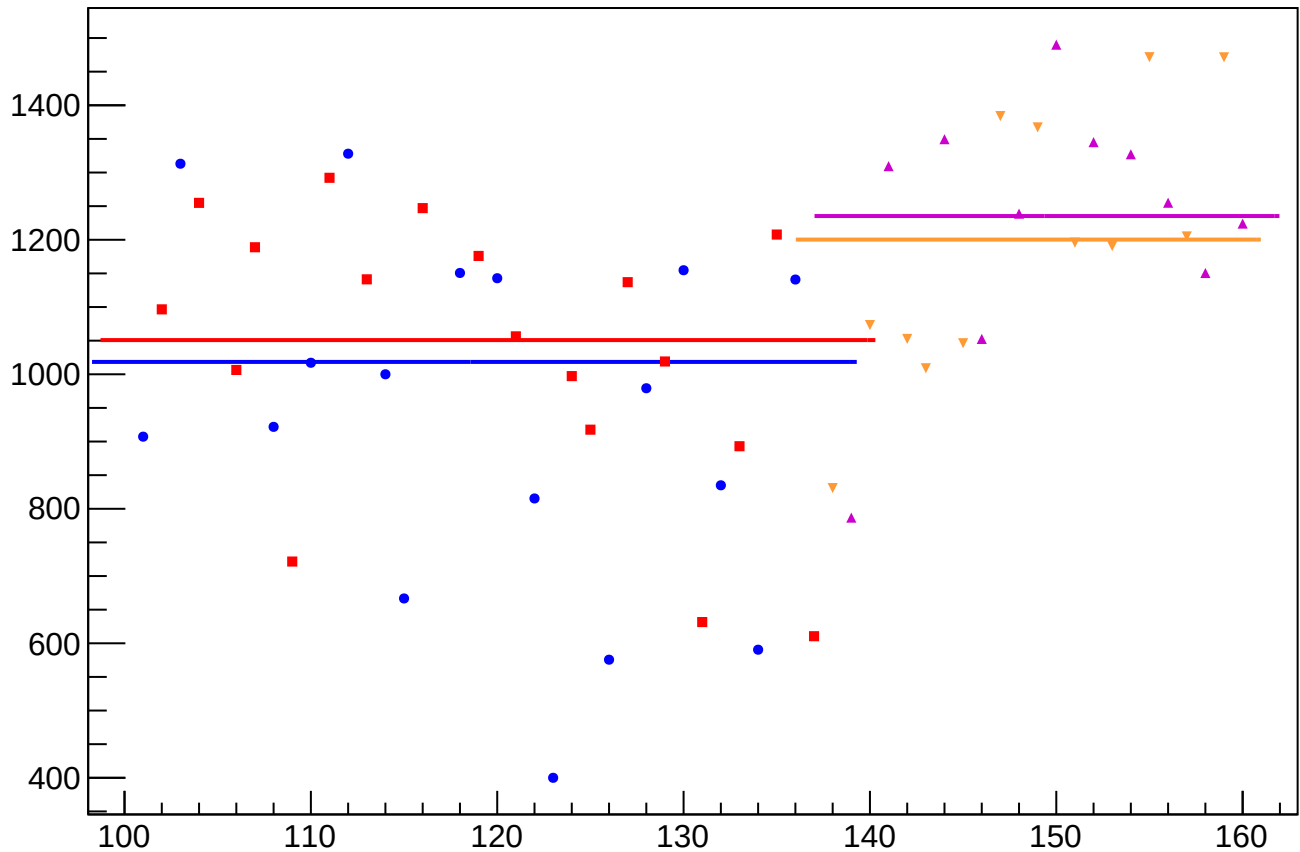
Left In: 314.075+/-0.000 χ^2/NDF : 3038378746515633770905831871124340736.0/10

+ sign 255.586+/-0.000 χ^2/NDF : 136491698964325

All: 255.357+/-0.000 χ^2/NDF : 27795325486

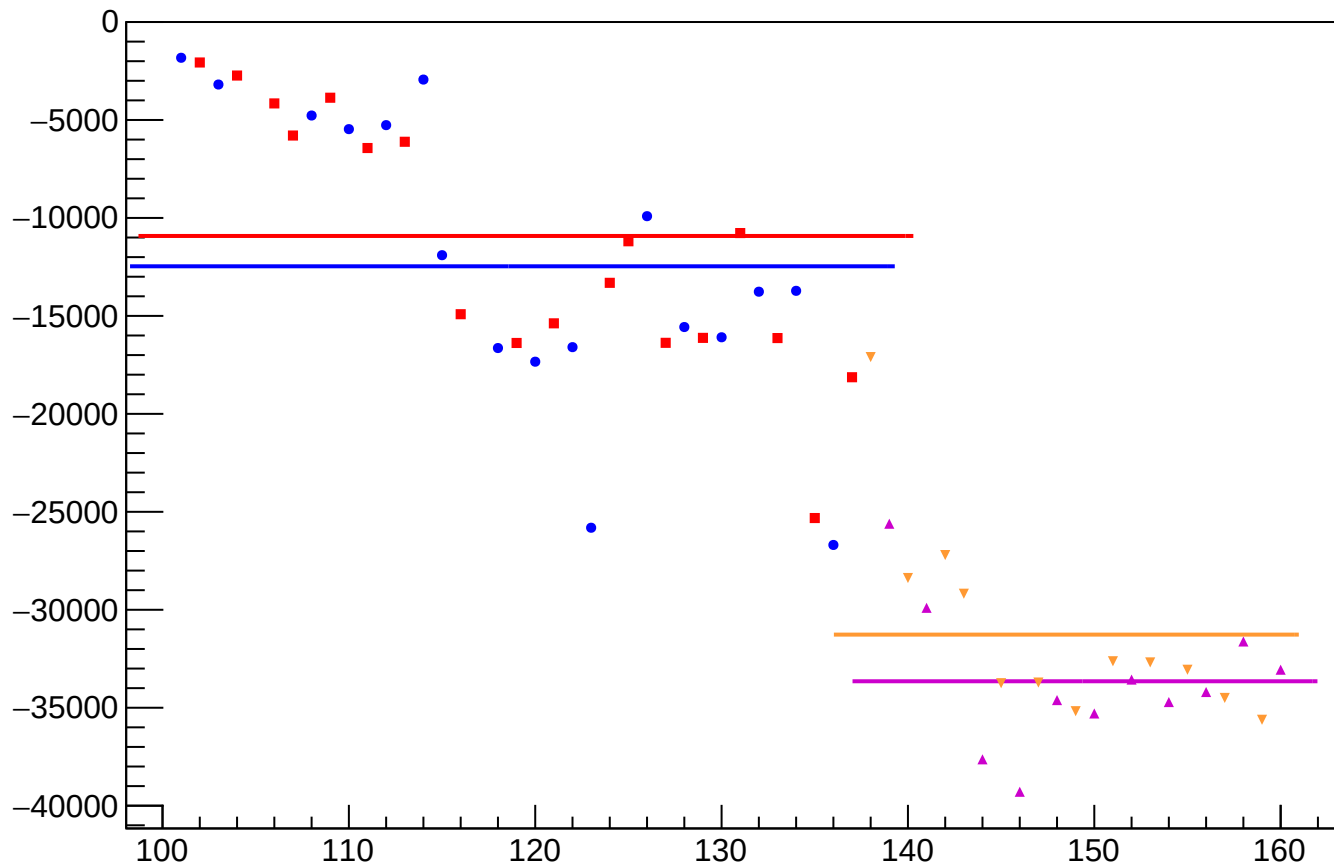
- sign 255.134+/-0.000 χ^2/NDF : 141459895048488

dit_sam5_coil1_Ndata_mean vs Slug



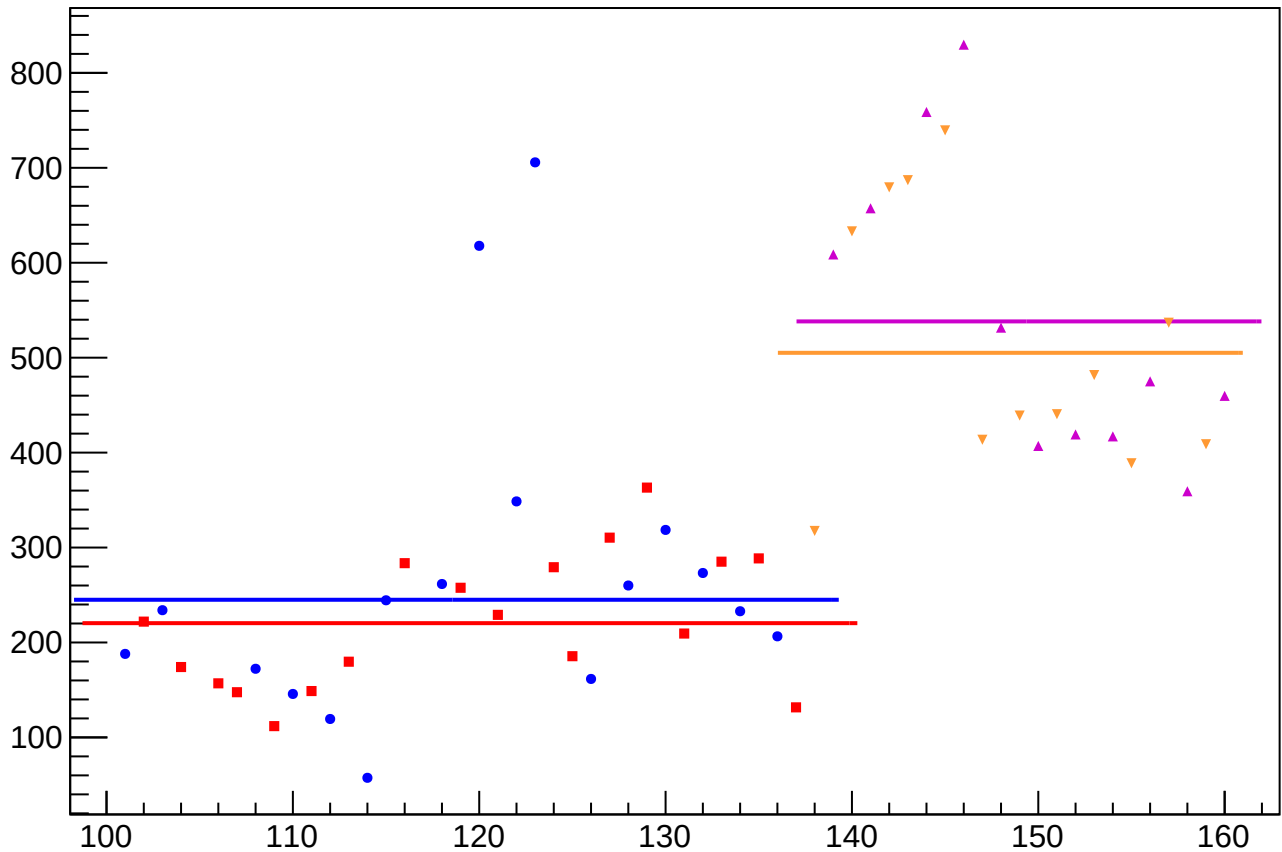
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam6_coil1_mean vs Slug



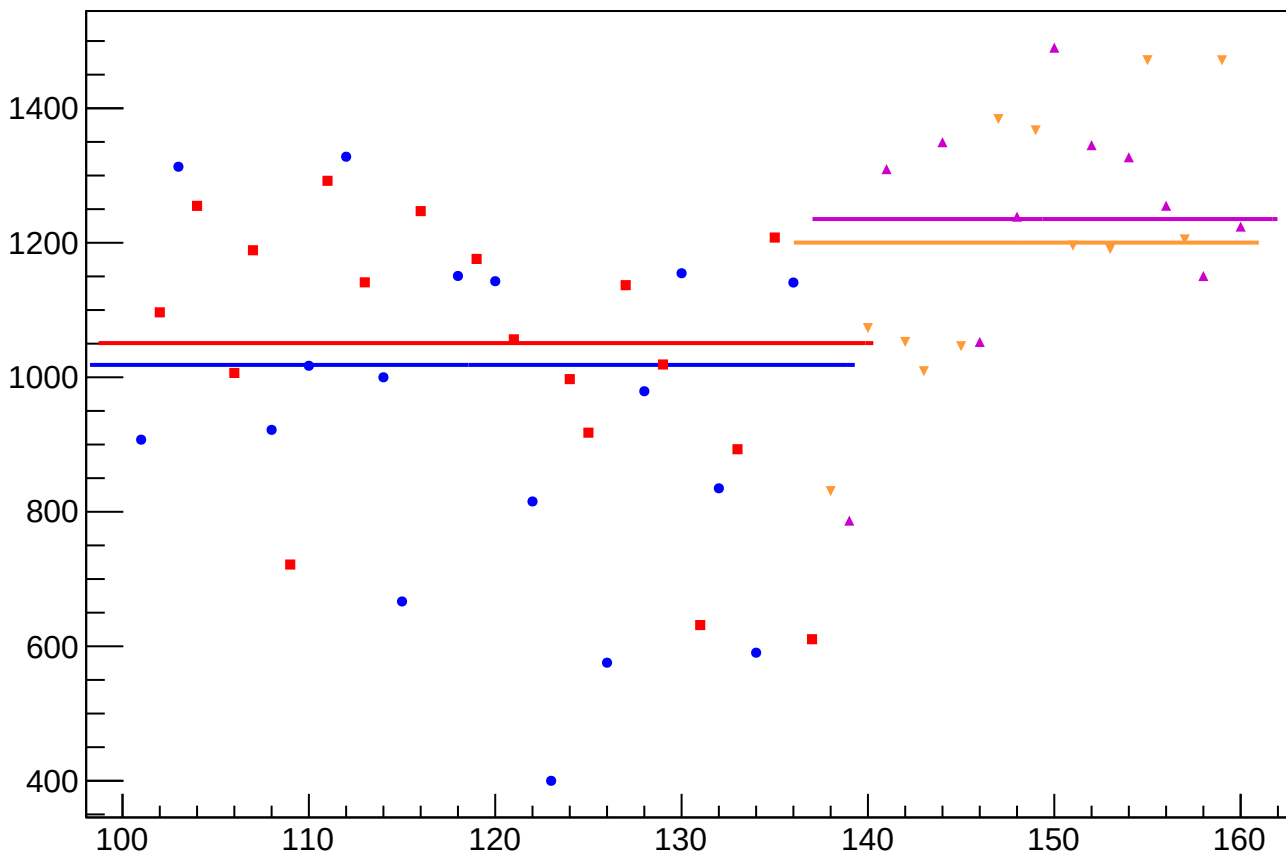
Right In: -12468.200+/-0.000	χ^2/NDF : 41947810781860597740124287766684235726848.0/16
Left Out: -31267.411+/-0.000	+ sign -23128.514+/-0.000 χ^2/NDF : 203501578140
Right Out: -10920.089+/-0.000	χ^2/NDF : 22472352508992692811157309504314979385344.0/11
Left In: -33648.648+/-0.000	All: -23462.645+/-0.000 χ^2/NDF : 456426709
	- sign -23787.653+/-0.000 χ^2/NDF : 2525720879741

dit_sam6_coil1_err_mean vs Slug



Right In: 244.994+/-0.000 χ^2/NDF : 8873183370170999334634045001787506688.0/16
 Left Out: 505.129+/-0.000 χ^2/NDF : 15272519684305825551143996818058117120.0/11
 Right Out: 220.353+/-0.000 χ^2/NDF : 3356691284213126680510243475038404608.0/17
 Left In: 538.207+/-0.000 χ^2/NDF : 20524569412911645618745037593493110784.0/10

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

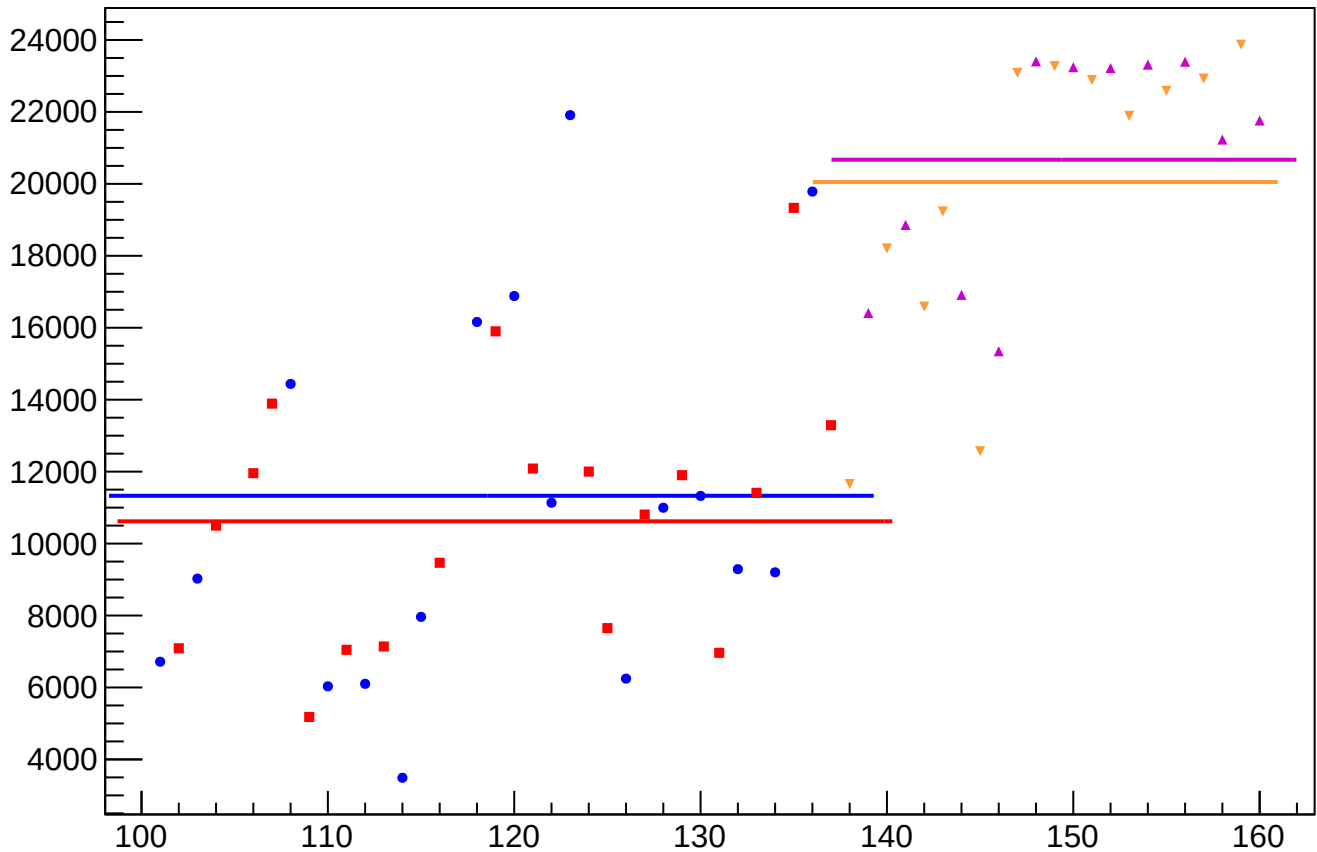
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

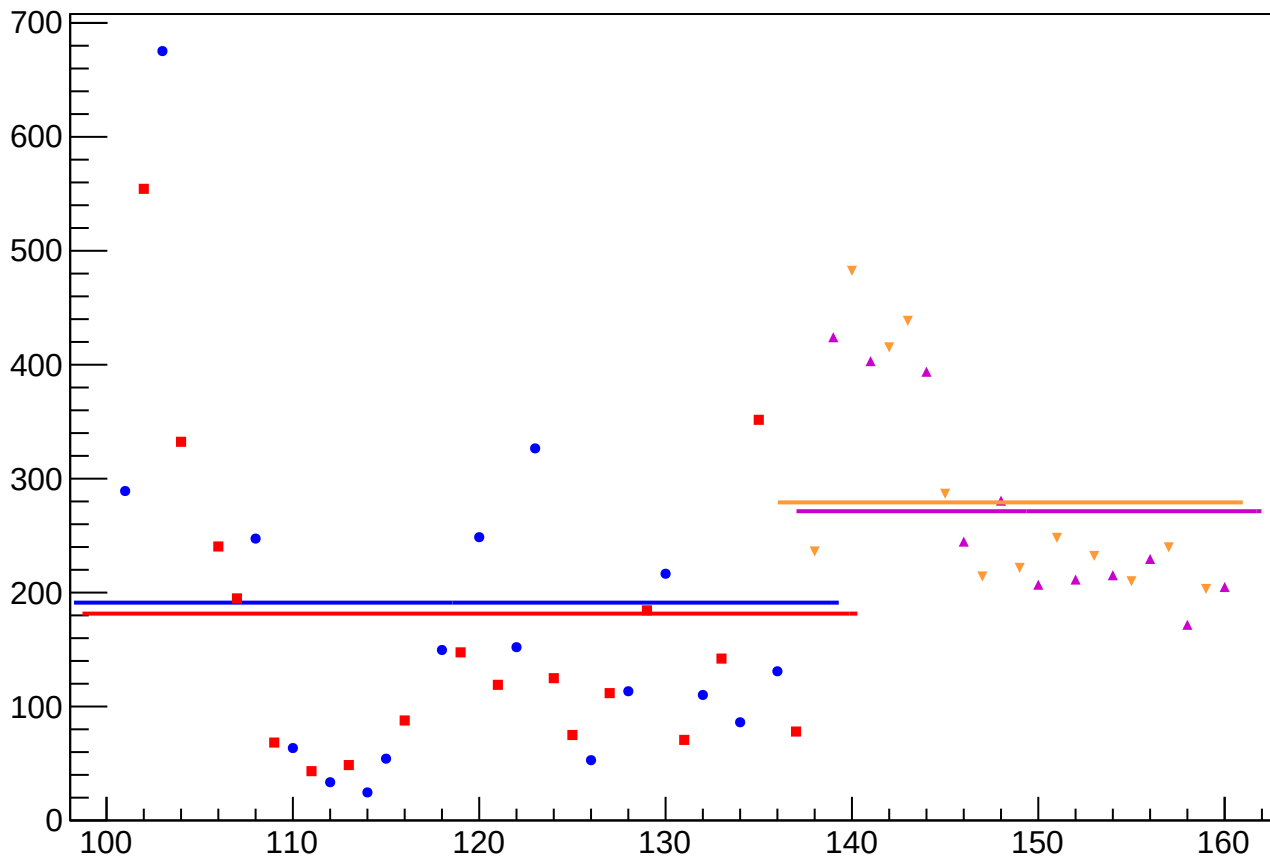
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam7_coil1_mean vs Slug



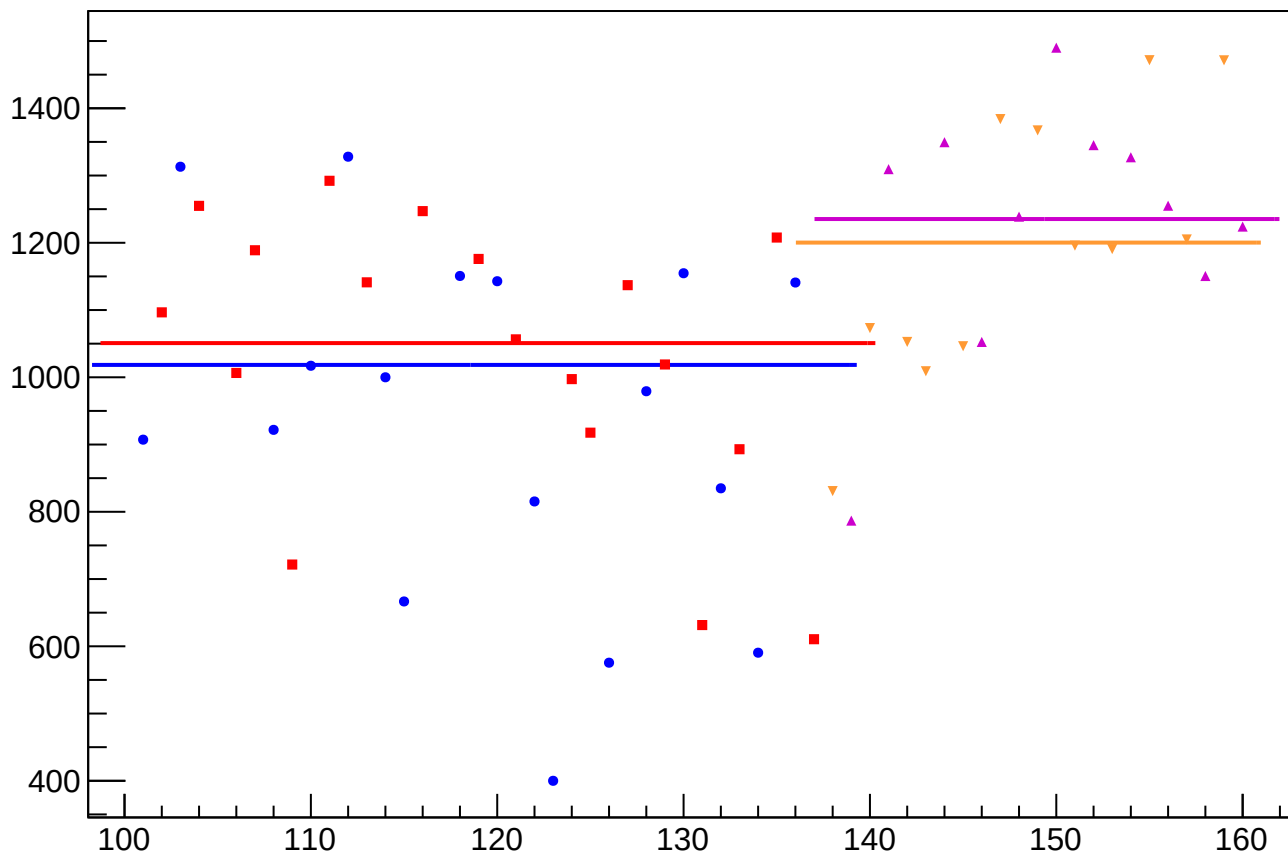
Right In: 11329.210+/-0.000 χ^2/NDF : 15521857033868622025770129635391850938368.0/16
 Left Out: 20050.081+/-0.000 χ^2/NDF : 15531978446555800166104970917231932211200.0/11
 Right Out: 10619.182+/-0.000 χ^2/NDF : 10071633014201515414626302207213810221056.0/17
 Left In: 20670.726+/-0.000 χ^2/NDF : 8494858406573564863789120894069960081408.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 191.191 ± 0.000 χ^2/NDF : 19183697593820495387775377202474909696.0/16
 Left Out: 279.165 ± 0.000 χ^2/NDF : 7920210699485411791931517458268028928.0/11
 Right Out: 181.551 ± 0.000 χ^2/NDF : 14852803264995019247576775913608577024.0/17
 Left In: 271.426 ± 0.000 χ^2/NDF : 7049081855860572674907173749109293056.0/10

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

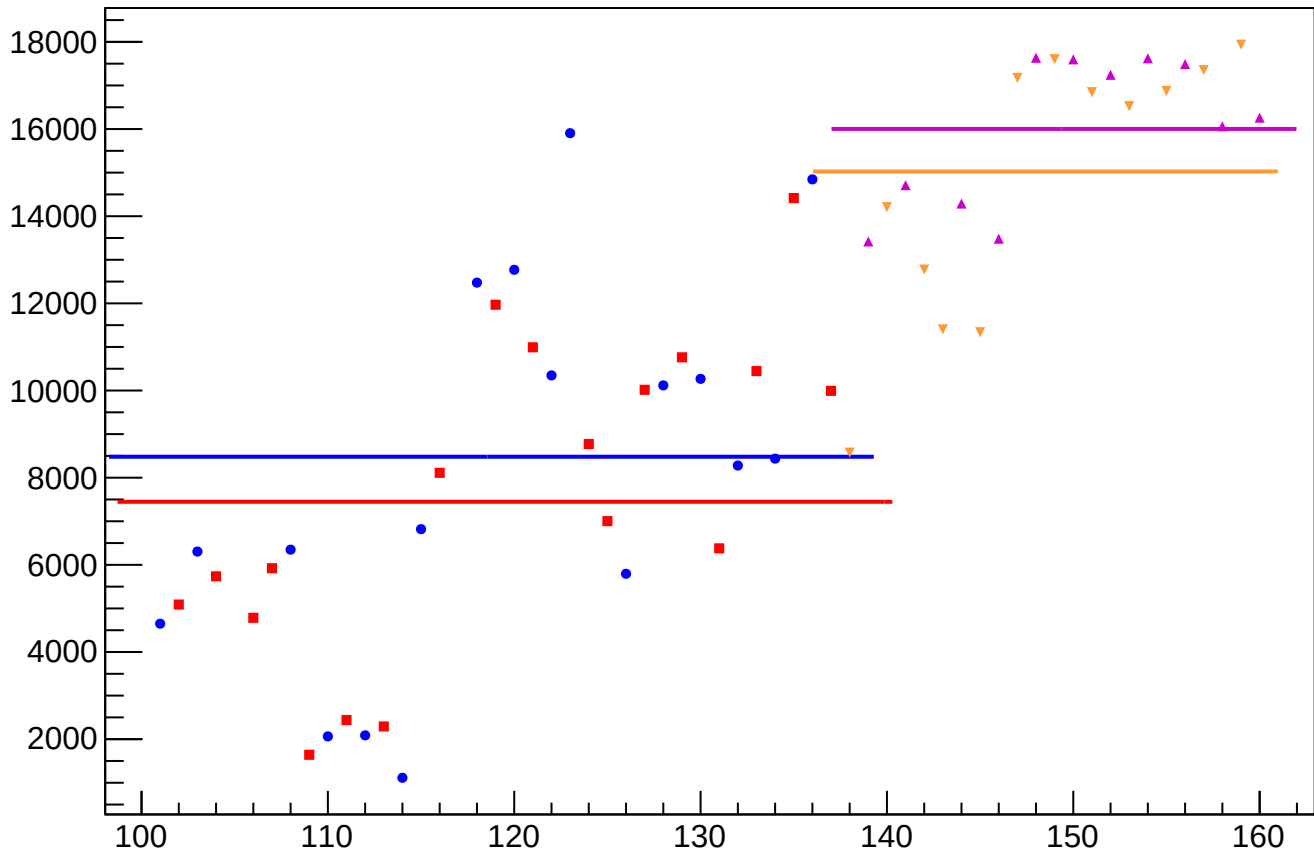
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

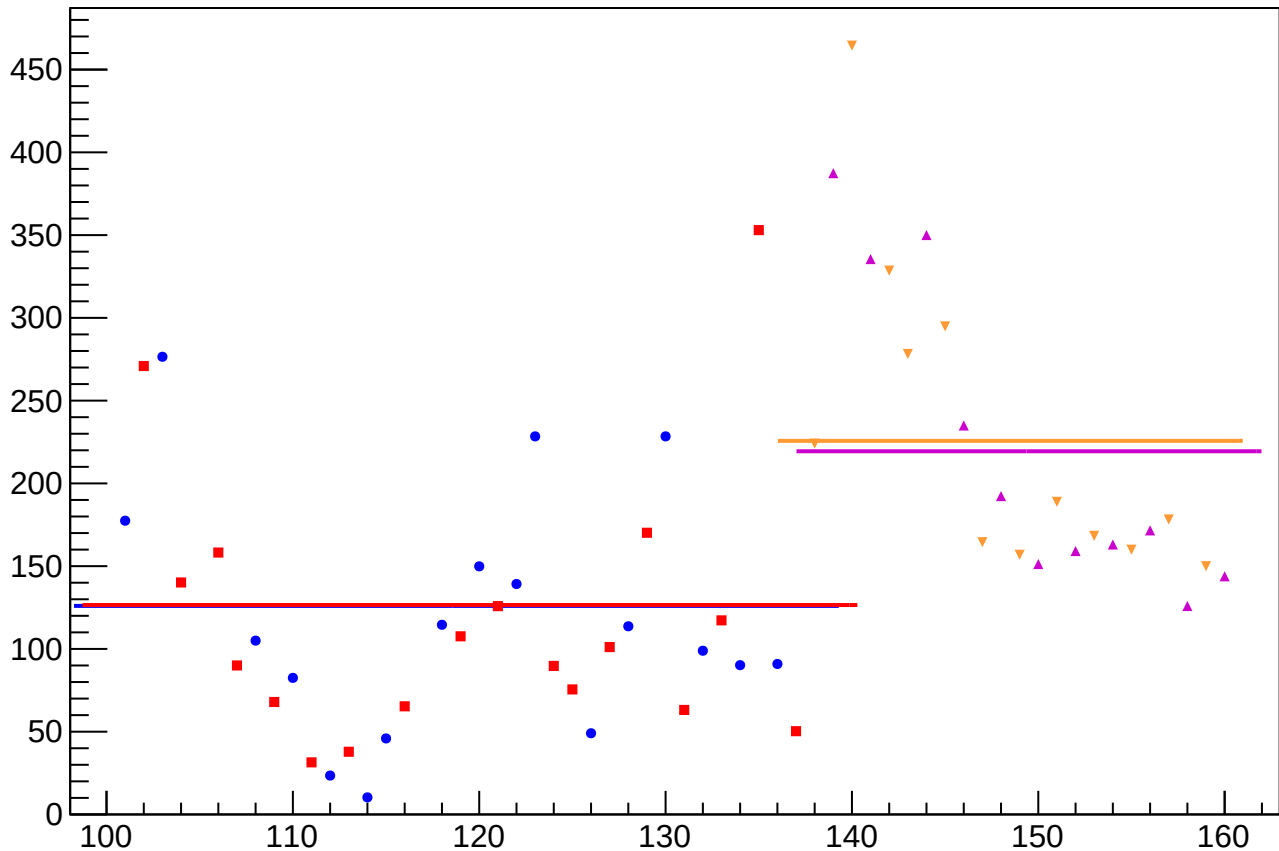
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam8_coil1_mean vs Slug



Right In: 8480.889+/-0.000 χ^2/NDF : 11499484754166446401410720405854359650304.0/16
 Left Out: 15025.757+/-0.000 χ^2/NDF : 8187740092033082050104349904869741559808.0/11
 Right Out: 7447.217+/-0.000 χ^2/NDF : 10045808642952263494281474112188504342528.0/17
 Left In: 16002.617+/-0.000 χ^2/NDF : 2475406713829870725608341548092805349376.0/10

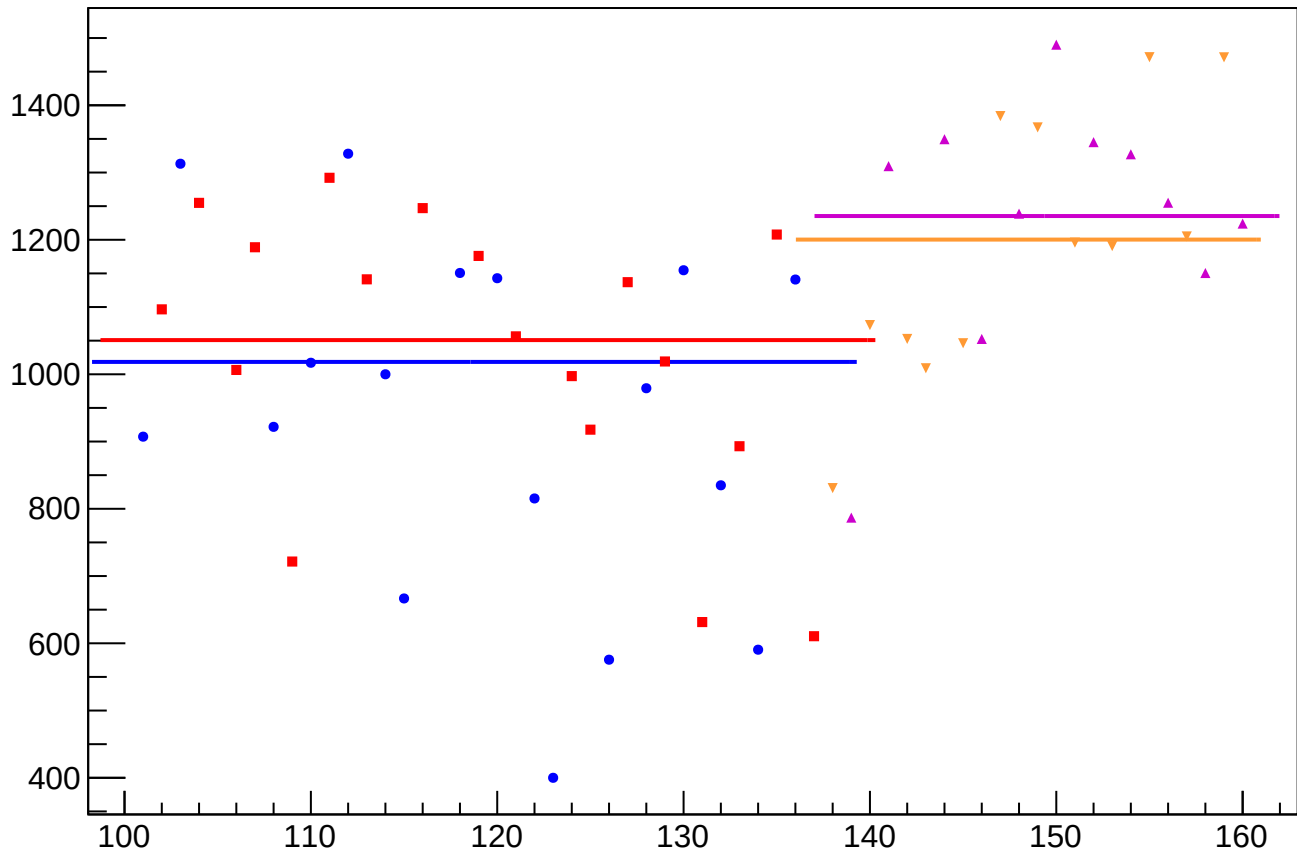
dit_sam8_coil1_err_mean vs Slug



Right In: 126.005+/-0.000	χ^2/NDF : 3386025781144831306970150054630785024.0/16
Left Out: 225.692+/-0.000	χ^2/NDF : 7765824995412425286122153901765427200.0/11
Right Out: 126.521+/-0.000	χ^2/NDF : 5291778643595712336156745298356469760.0/17
Left In: 219.416+/-0.000	χ^2/NDF : 7417643300202175953458768997657870336.0/10

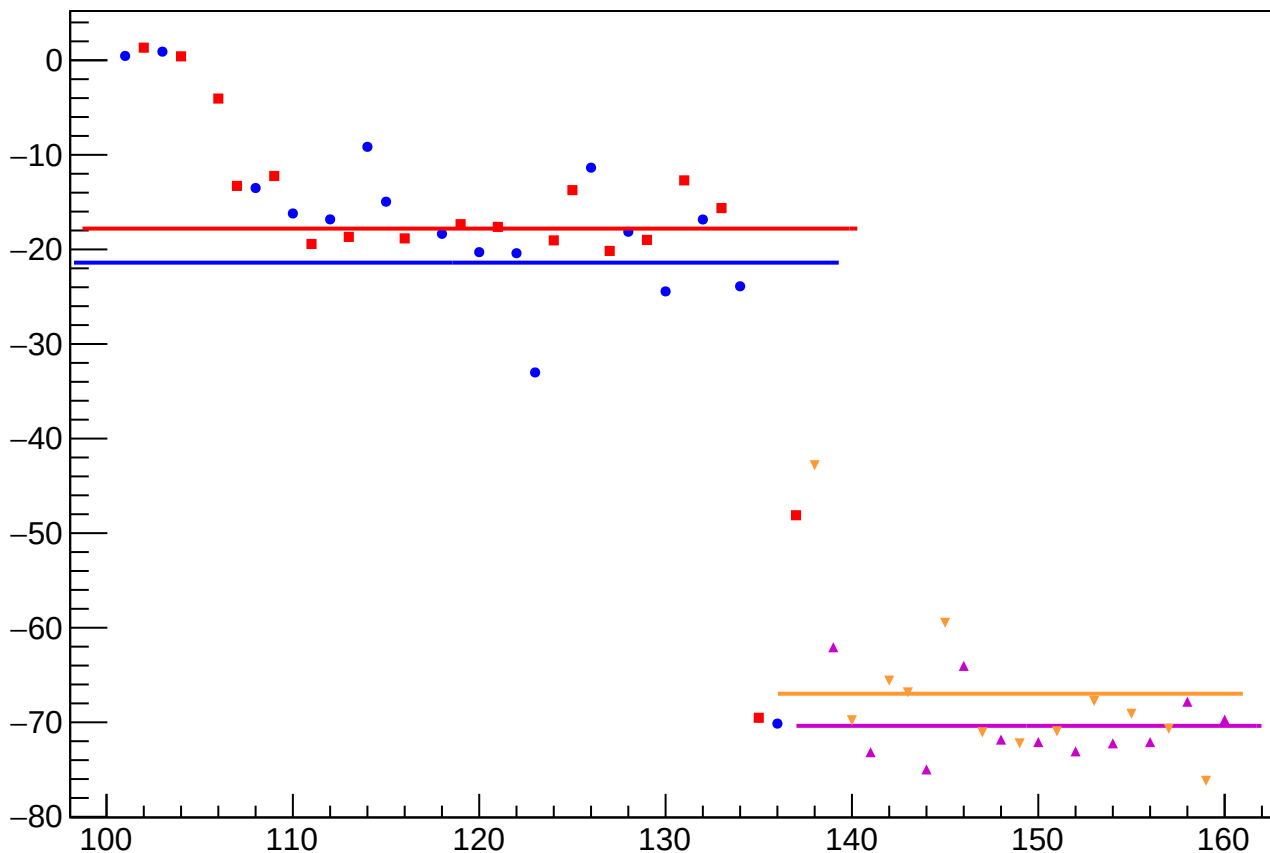
+ sign 182.534+/-0.000 χ^2/NDF : 150627266969515
 All: 180.799+/-0.000 χ^2/NDF : 312747858123
 - sign 179.112+/-0.000 χ^2/NDF : 162025464952104

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1018.403 +/- 0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 +/- 0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 +/- 0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 +/- 0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

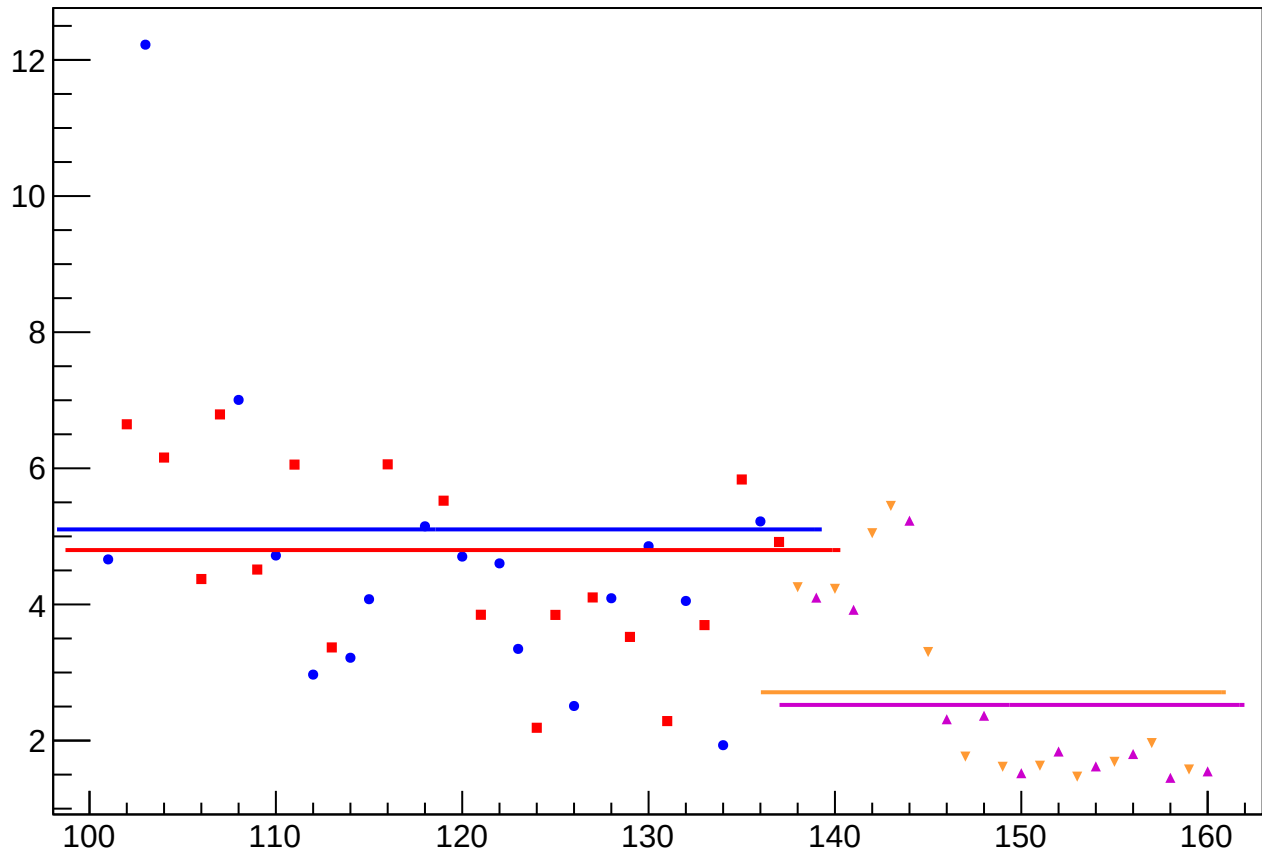
dit_4aX_coil3_mean vs Slug



Right In: -21.398+/-0.000 χ^2/NDF : 280536163120367747156314867523125248.0/16
 Left Out: -66.978+/-0.000 χ^2/NDF : 63685898995814955491327915677712384.0/11
 Right Out: -17.797+/-0.000 χ^2/NDF : 194445073804421906744756784211165184.0/17
 Left In: -70.373+/-0.000 χ^2/NDF : 13651024036120663482420235694243840.0/10

+ sign -47.245+/-0.000 χ^2/NDF : 116182177719301
 All: -47.406+/-0.000 χ^2/NDF : 248895290027
 - sign -47.563+/-0.000 χ^2/NDF : 1327048913191155

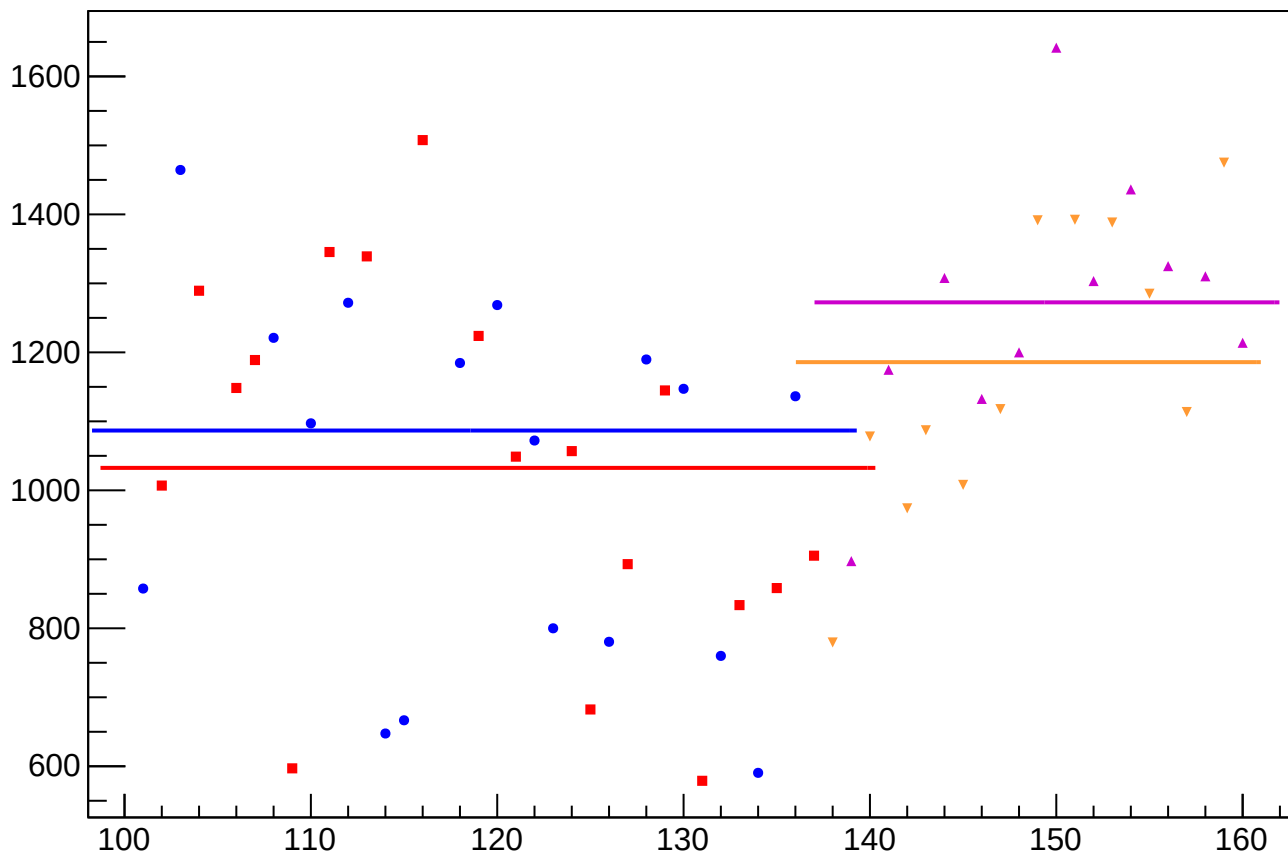
dit_4aX_coil3_err_mean vs Slug



Right In: 5.103+/-0.000 χ^2/NDF : 4048406978190508053530993177395200.0/16
 Left Out: 2.710+/-0.000 χ^2/NDF : 1774159043511346014201510128254976.0/11
 Right Out: 4.799+/-0.000 χ^2/NDF : 1271869445641912698697536291995648.0/17
 Left In: 2.524+/-0.000 χ^2/NDF : 1443854563513341294387646202642432.0/10

+ sign 3.746+/-0.000 χ^2/NDF : 80756286337442748
 All: 3.627+/-0.000 χ^2/NDF : 12931206817483
 - sign 3.511+/-0.000 χ^2/NDF : 48108129807529368

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

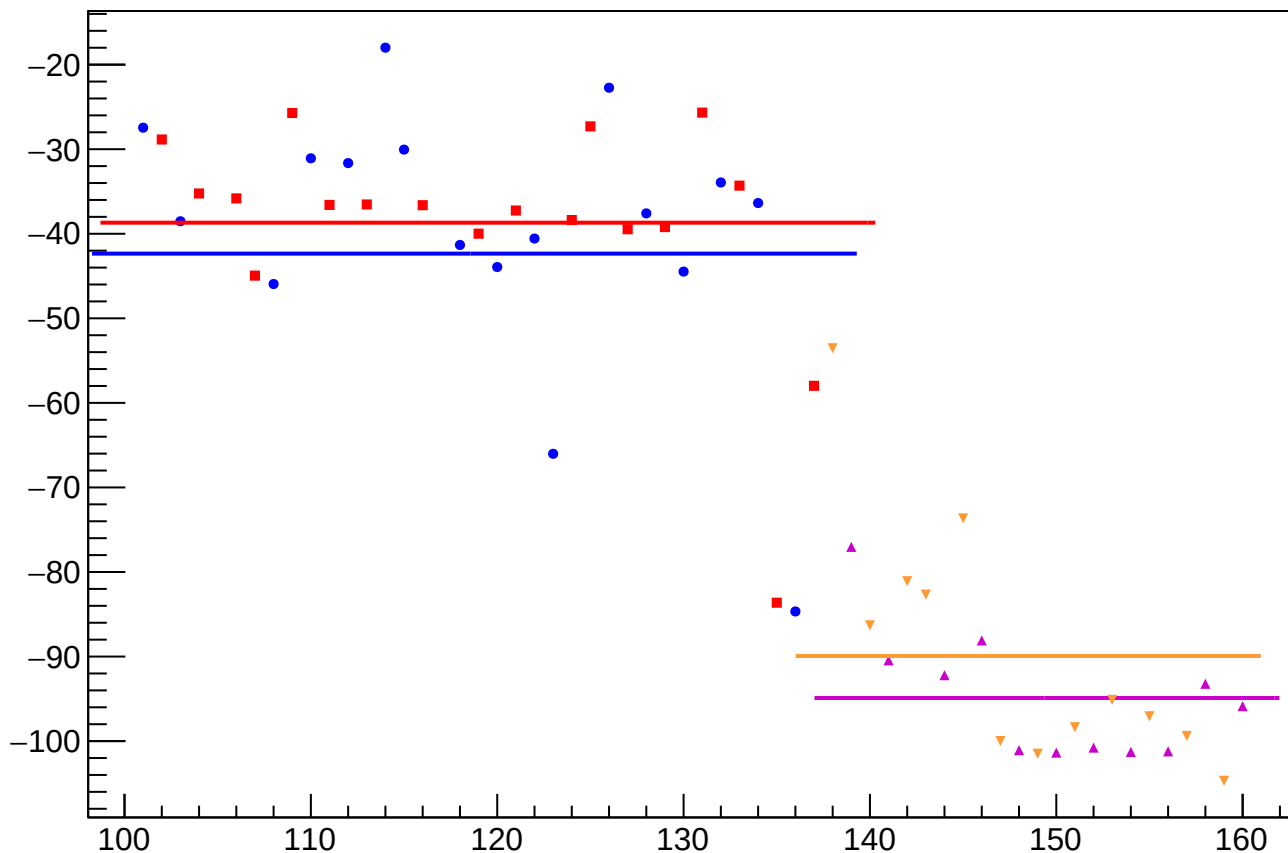
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4eX_coil3_mean vs Slug



Right In: -42.348+/-0.000 χ^2/NDF : 214487265312366042421757259213176832.0/16

Left Out: -89.931+/-0.000 χ^2/NDF : 187167251032127788176867775297355776.0/11

Right Out: -38.687+/-0.000 χ^2/NDF : 132884782523479402209438367825788928.0/17

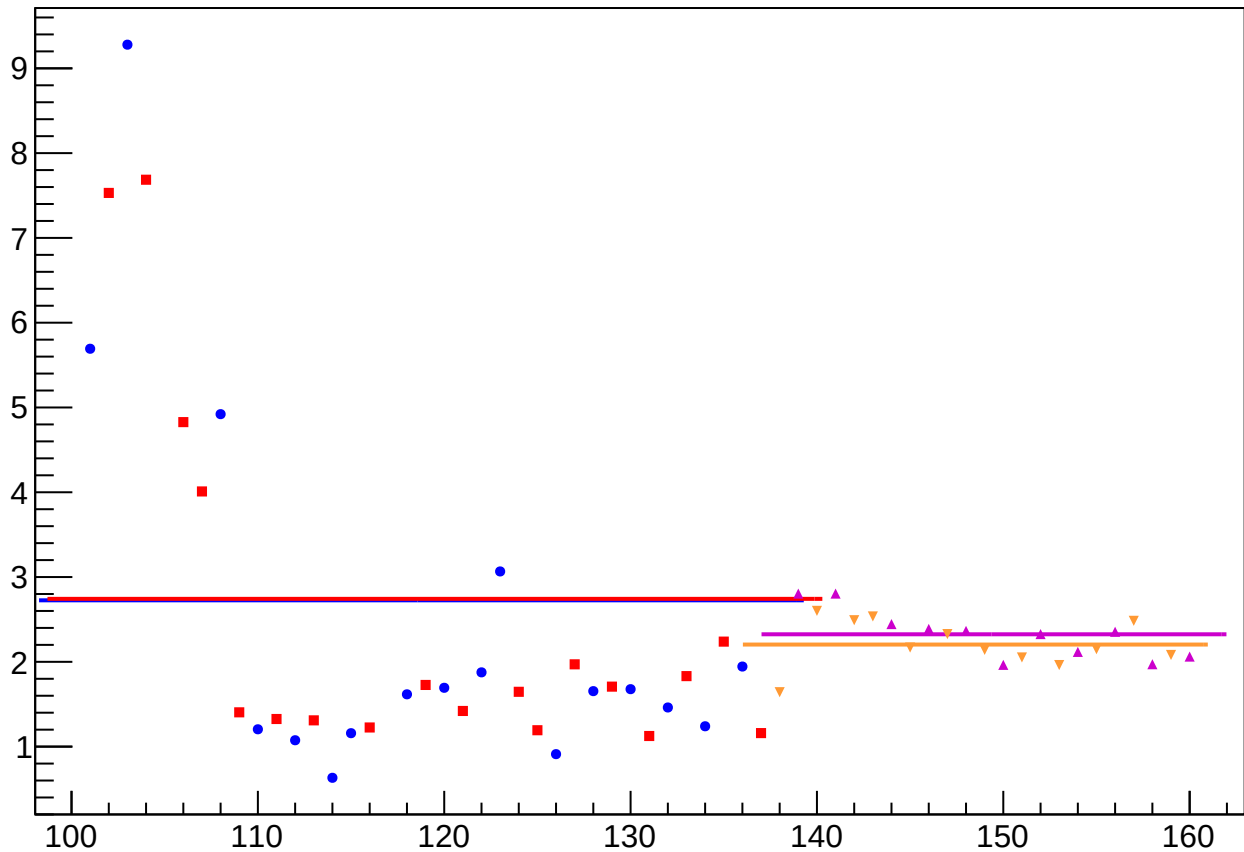
Left In: -94.901+/-0.000 χ^2/NDF : 49160458871676913814520414202757120.0/10

+ sign -69.330+/-0.000 χ^2/NDF : 129268674906465

All: -69.929+/-0.000 χ^2/NDF : 275500453525

- sign -70.512+/-0.000 χ^2/NDF : 1461182402037862

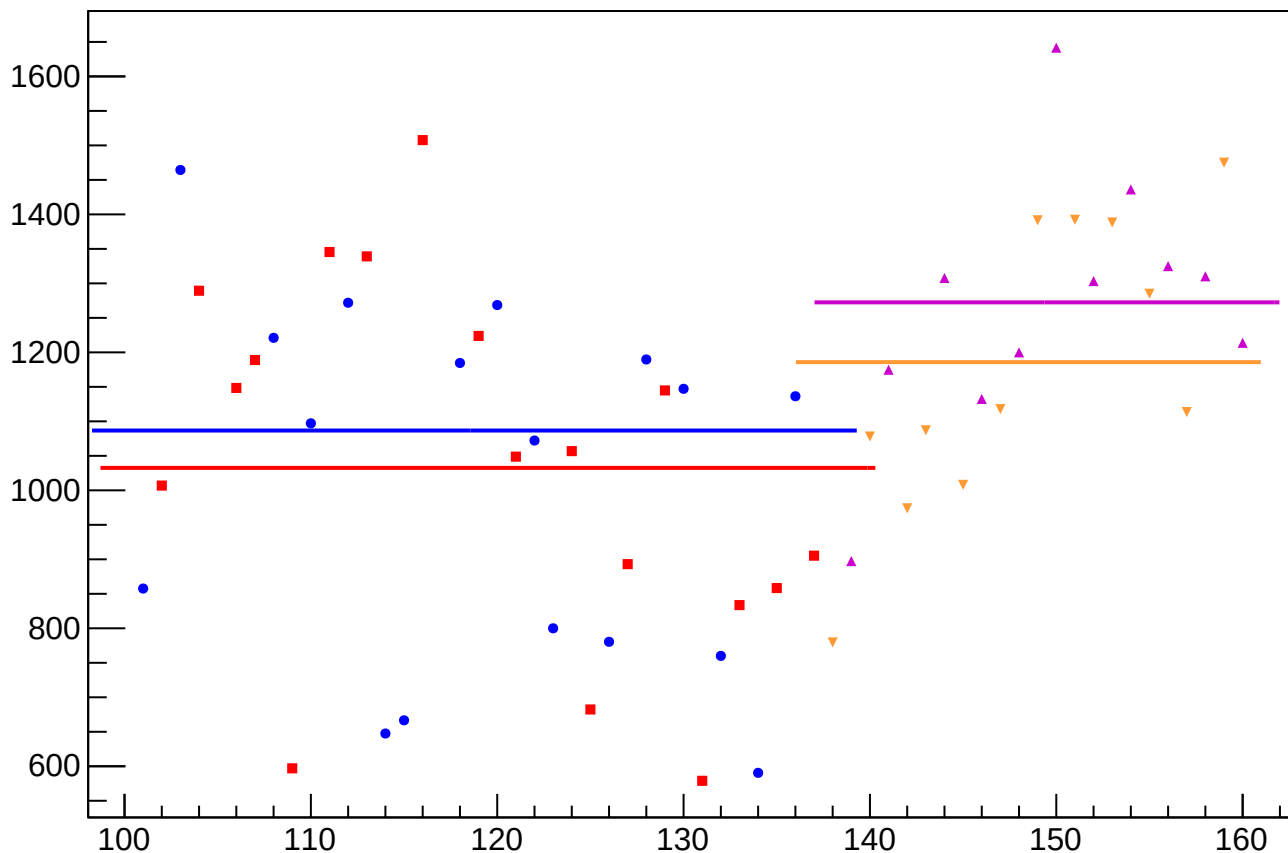
dit_4eX_coil3_err_mean vs Slug



Right In: 2.726+/-0.000	χ^2/NDF : 4086214221048218627232910568062976.0/16
Left Out: 2.204+/-0.000	χ^2/NDF : 64341762429168624767253736325120.0/11
Right Out: 2.743+/-0.000	χ^2/NDF : 3588318821230369709737363581698048.0/17
Left In: 2.325+/-0.000	χ^2/NDF : 71570259822113159465865385607168.0/10

+ sign 2.430+/-0.000 χ^2/NDF : 42576736979958561
 All: 2.468+/-0.000 χ^2/NDF : 7993038934853
 - sign 2.506+/-0.000 χ^2/NDF : 37306091214057511

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

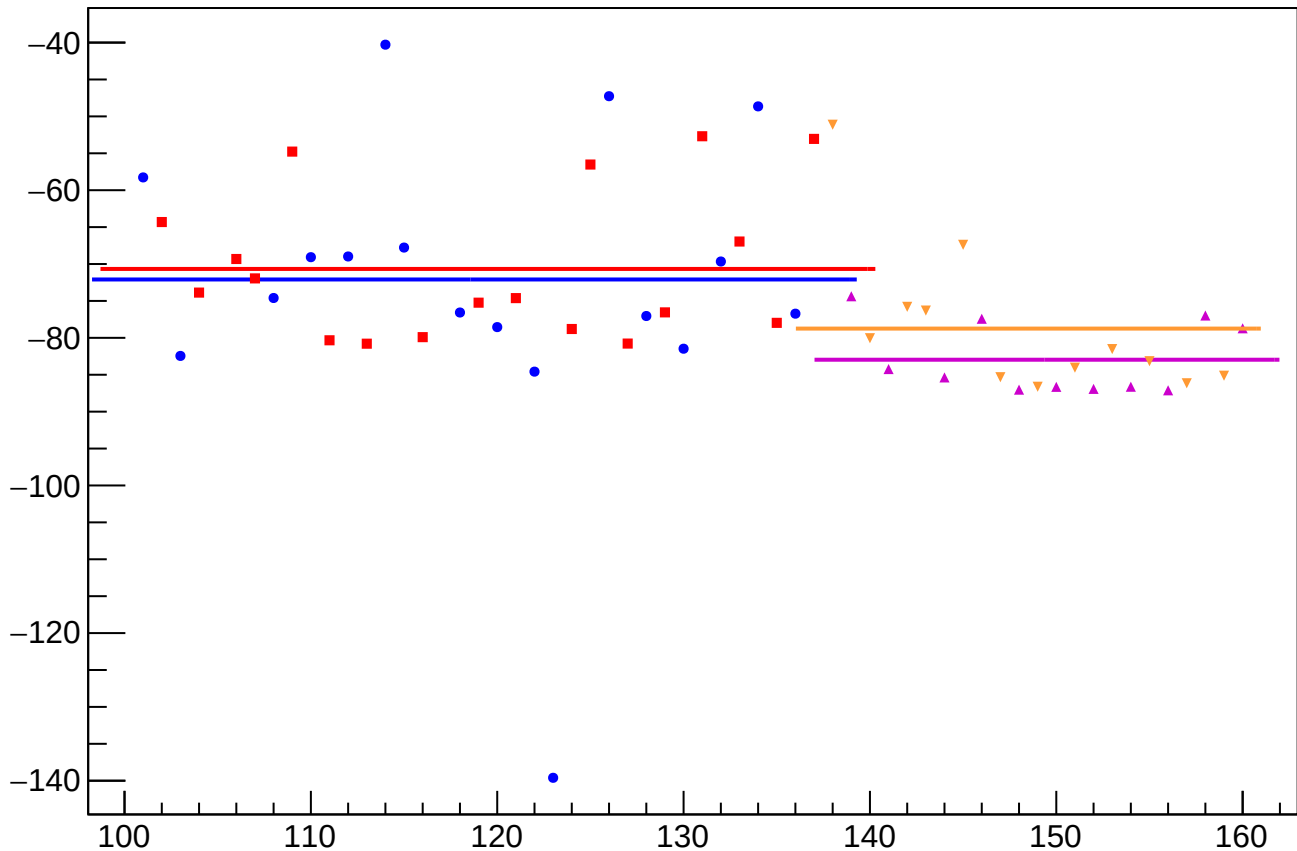
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_11X12X_coil3_mean vs Slug



Right In: -72.094+/-0.000 χ^2/NDF : 103075229118962583323813478911705088.0/16

Left Out: -78.747+/-0.000 χ^2/NDF : 90789525072060271629933547446337536.0/11

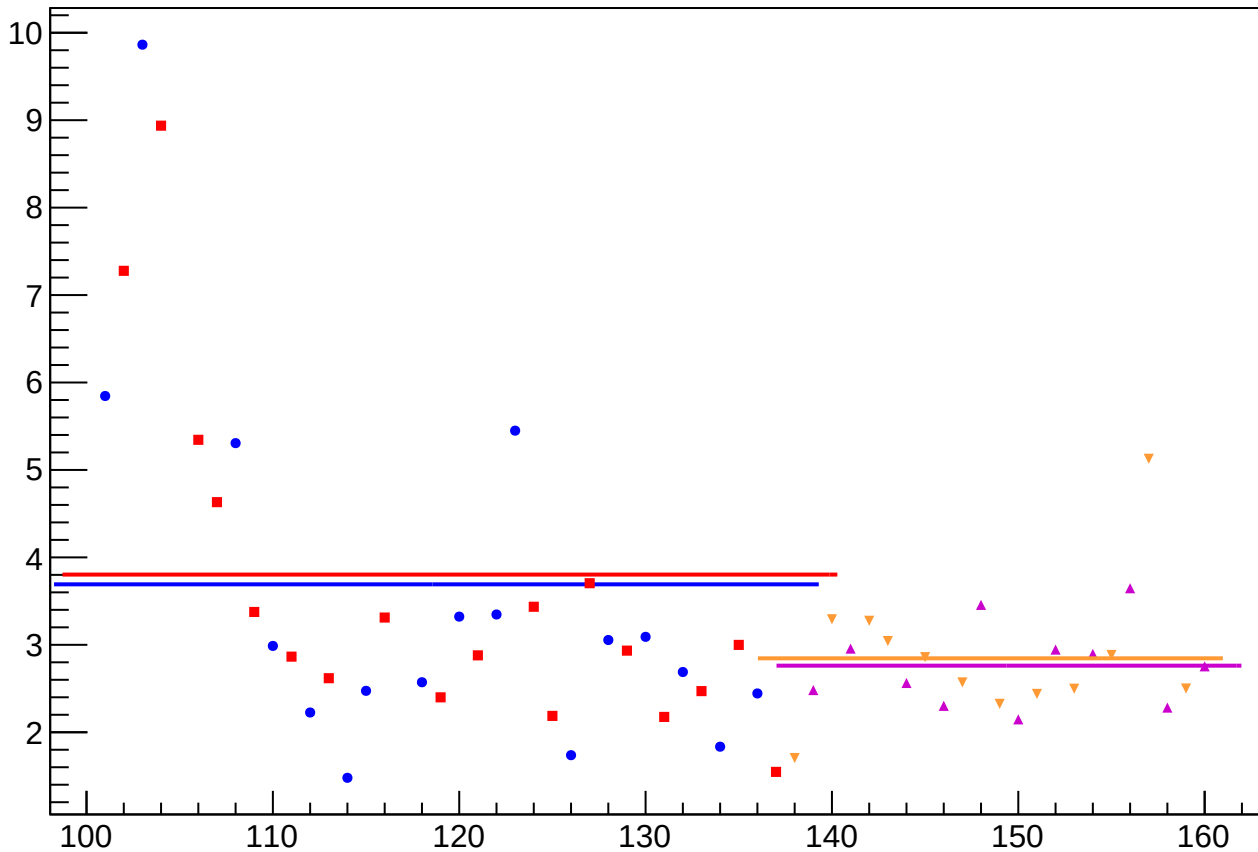
Right Out: -70.666+/-0.000 χ^2/NDF : 63521582322355548765057214851317760.0/17

Left In: -82.966+/-0.000 χ^2/NDF : 20132204805005576765090308057726976.0/10

All: -76.760+/-0.000 χ^2/NDF : 358703515544

- sign -77.629+/-0.000 χ^2/NDF : 1448931299634330

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.692 $\pm$ 0.000 χ^2 /NDF: 3355971788555014480502828790972416.0/16

Left Out: 2.846 $\pm$ 0.000 χ^2 /NDF: 575629369641168831235561749479424.0/11

Right Out: 3.803 $\pm$ 0.000 χ^2 /NDF: 2825063553426013260614294392799232.0/17

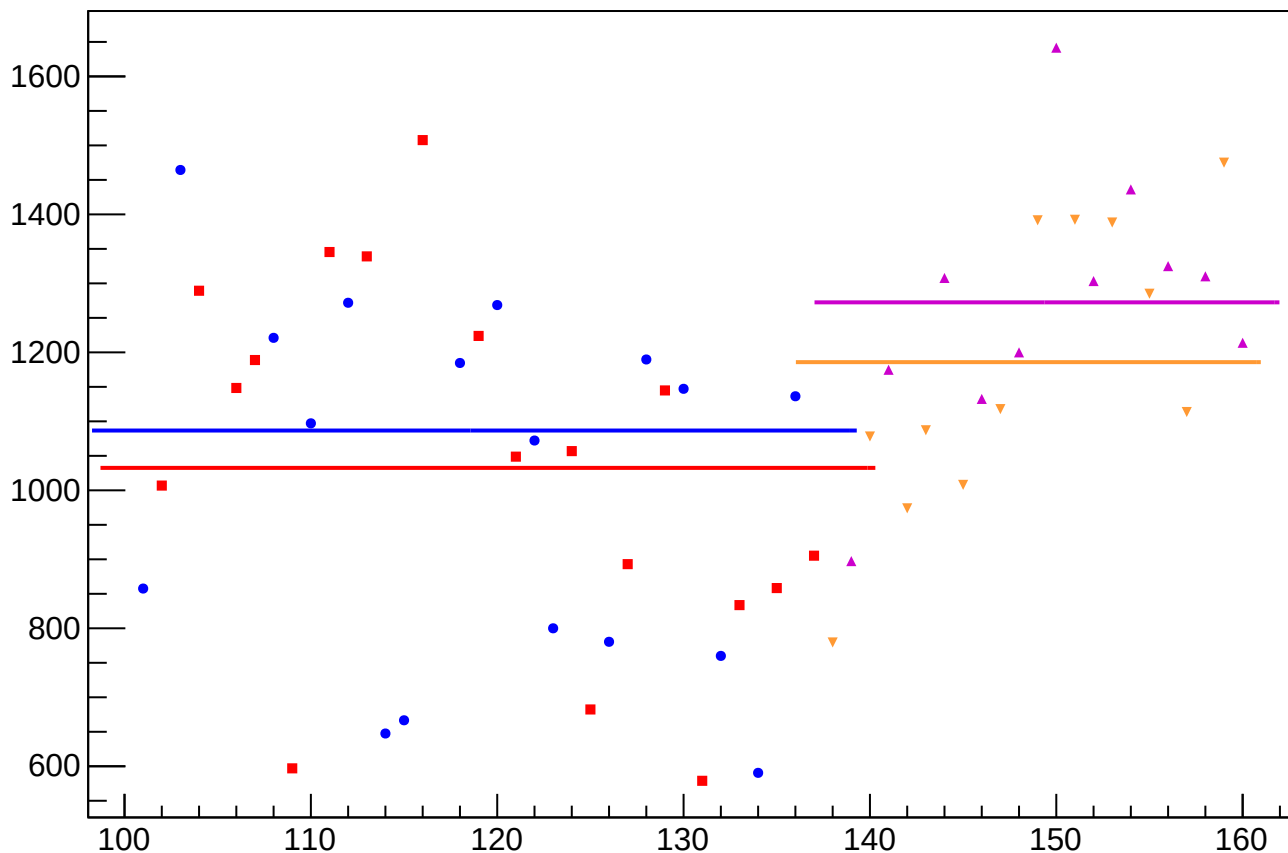
Left In: 2.762 $\pm$ 0.000 χ^2 /NDF: 191371961737300564635223748247552.0/10

+ sign 3.212 $\pm$ 0.000 χ^2 /NDF: 42133946790033847

All: 3.213 $\pm$ 0.000 χ^2 /NDF: 76690190416111

- sign 3.214 $\pm$ 0.000 χ^2 /NDF: 34556220325134499

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

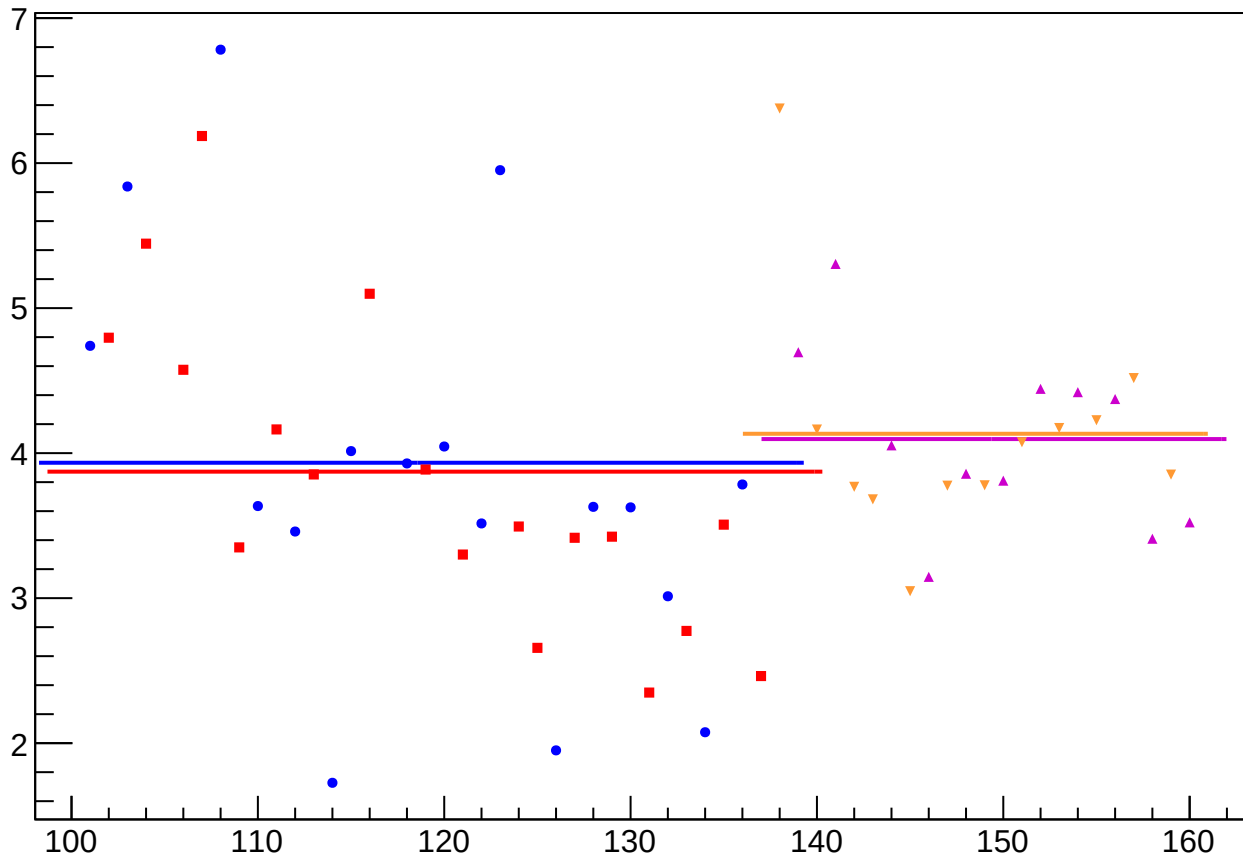
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4aY_coil3_mean vs Slug



Right In: 3.934+/-0.000 χ^2/NDF : 937288717449166058748009299050496.0/16

Left Out: 4.134+/-0.000 χ^2/NDF : 543238329499438777000735270764544.0/11

Right Out: 3.872+/-0.000 χ^2/NDF : 707048075514761321683781922324480.0/17

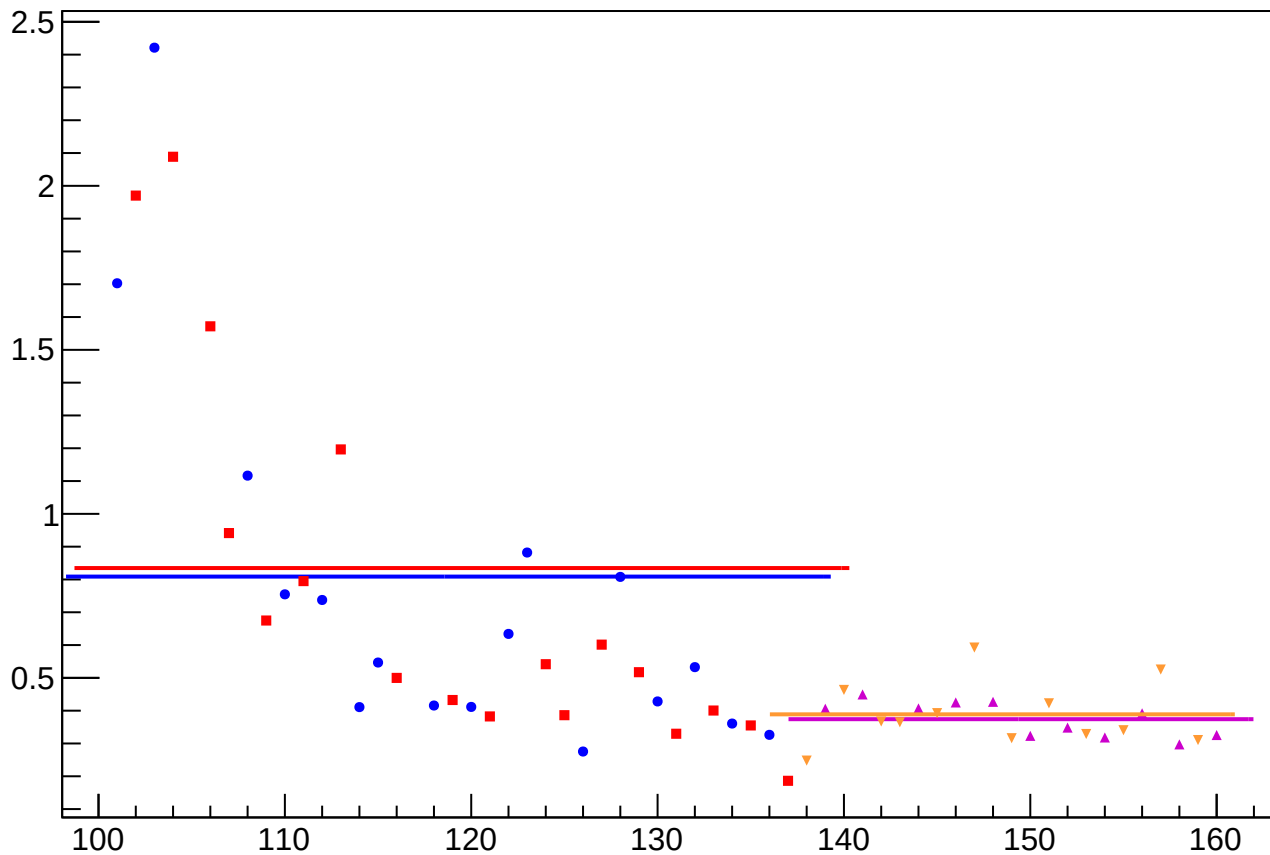
Left In: 4.097+/-0.000 χ^2/NDF : 331914558071256071482746481934336.0/10

+ sign 4.047+/-0.000 χ^2/NDF : 14962391915928441

All: 4.023+/-0.000 χ^2/NDF : 2557473557833

- sign 4.000+/-0.000 χ^2/NDF : 10594005654132572

dit_4aY_coil3_err_mean vs Slug



Right In: 0.809 $\pm$ 0.000 χ^2 /NDF: 269169890346681229126320544284672.0/16

Left Out: 0.389 $\pm$ 0.000 χ^2 /NDF: 8197684990804317089776046964736.0/11

Right Out: 0.835 $\pm$ 0.000 χ^2 /NDF: 250373306610542576736300880101376.0/17

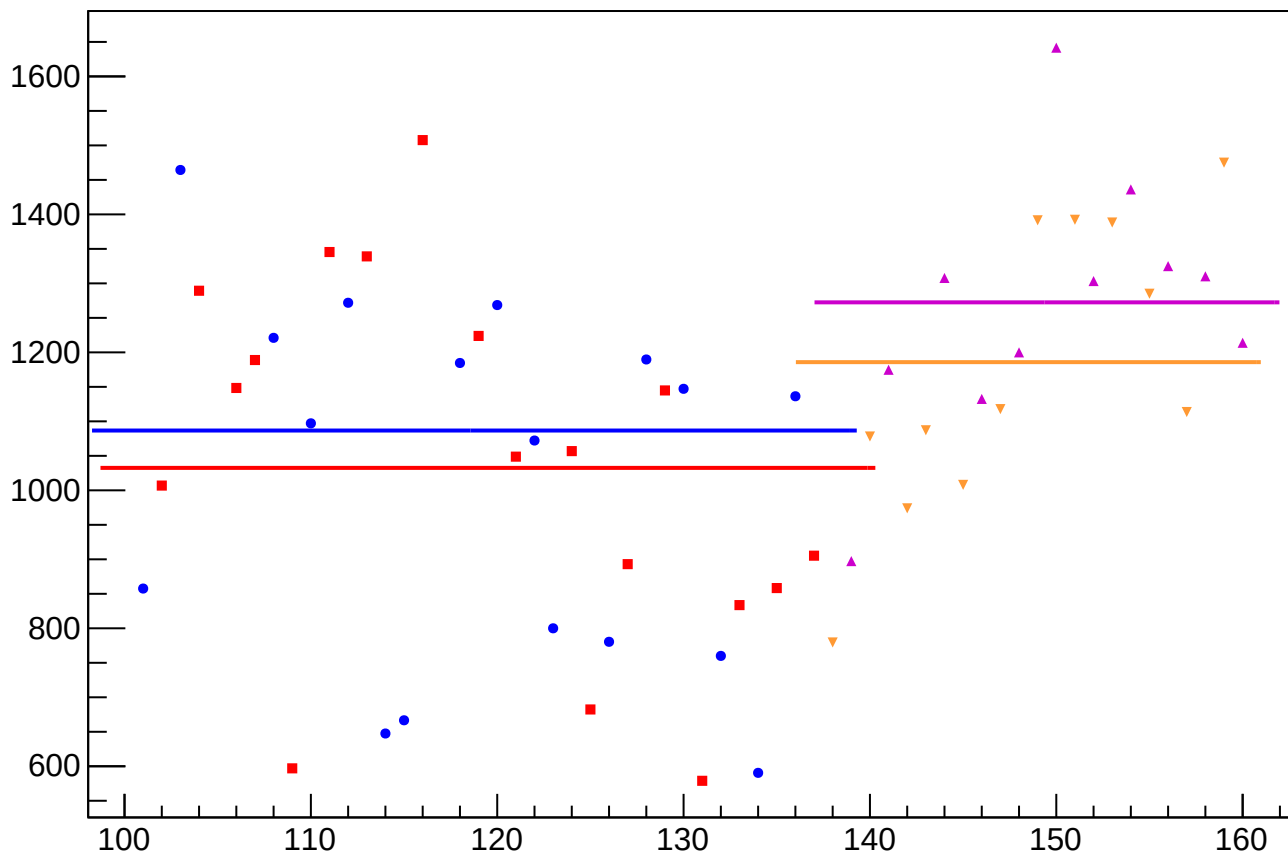
Left In: 0.374 $\pm$ 0.000 χ^2 /NDF: 2379461607366055456140660047872.0/10

+ sign 0.571 $\pm$ 0.000 χ^2 /NDF: 34677222065993079

All: 0.572 $\pm$ 0.000 χ^2 /NDF: 68546068208977

- sign 0.574 $\pm$ 0.000 χ^2 /NDF: 33867954754291424

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16

Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17

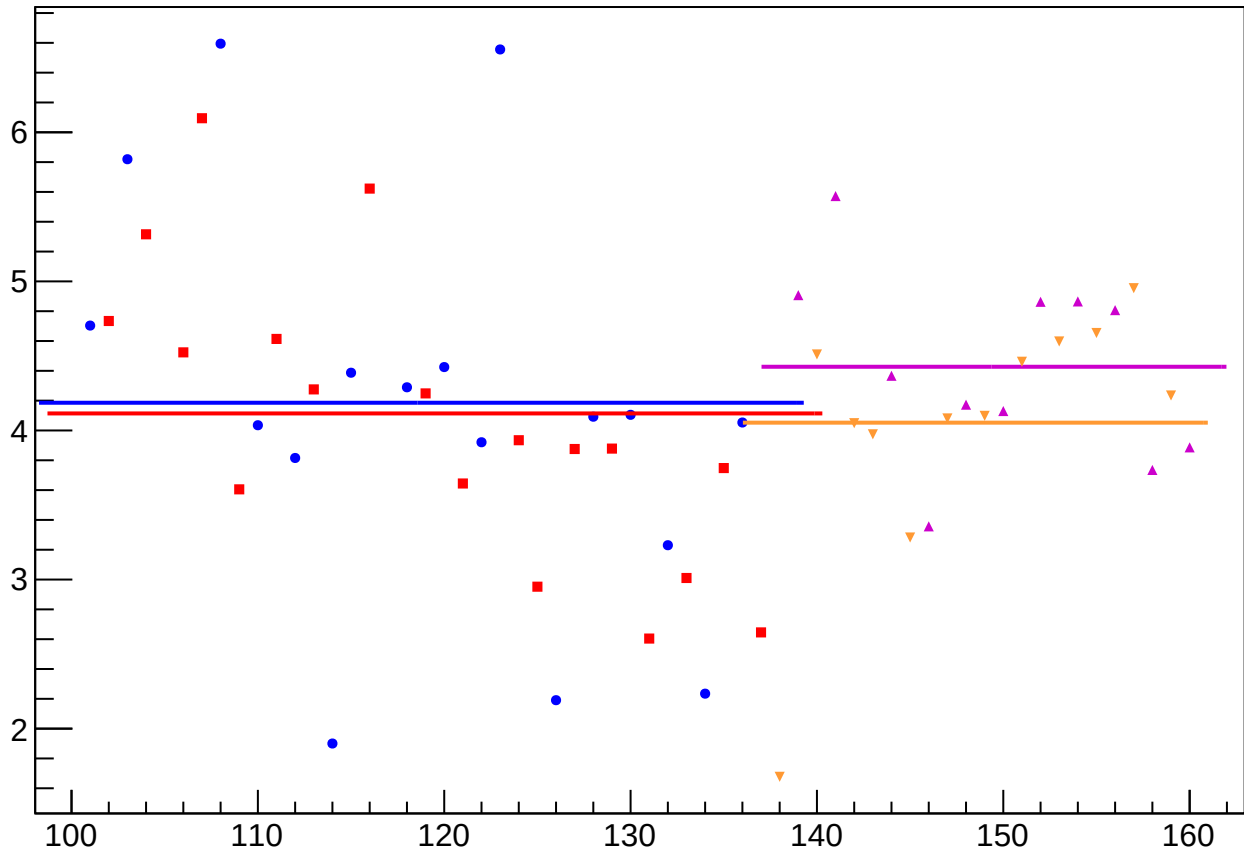
Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

+ sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785

All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682

- sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_4eY_coil3_mean vs Slug



Right In: 4.186 $\pm$ 0.000 χ^2 /NDF: 774445398310846770950220892078080.0/16

Left Out: 4.052 $\pm$ 0.000 χ^2 /NDF: 634098515145798855261076427112448.0/11

Right Out: 4.114 $\pm$ 0.000 χ^2 /NDF: 573990867601521273238766982529024.0/17

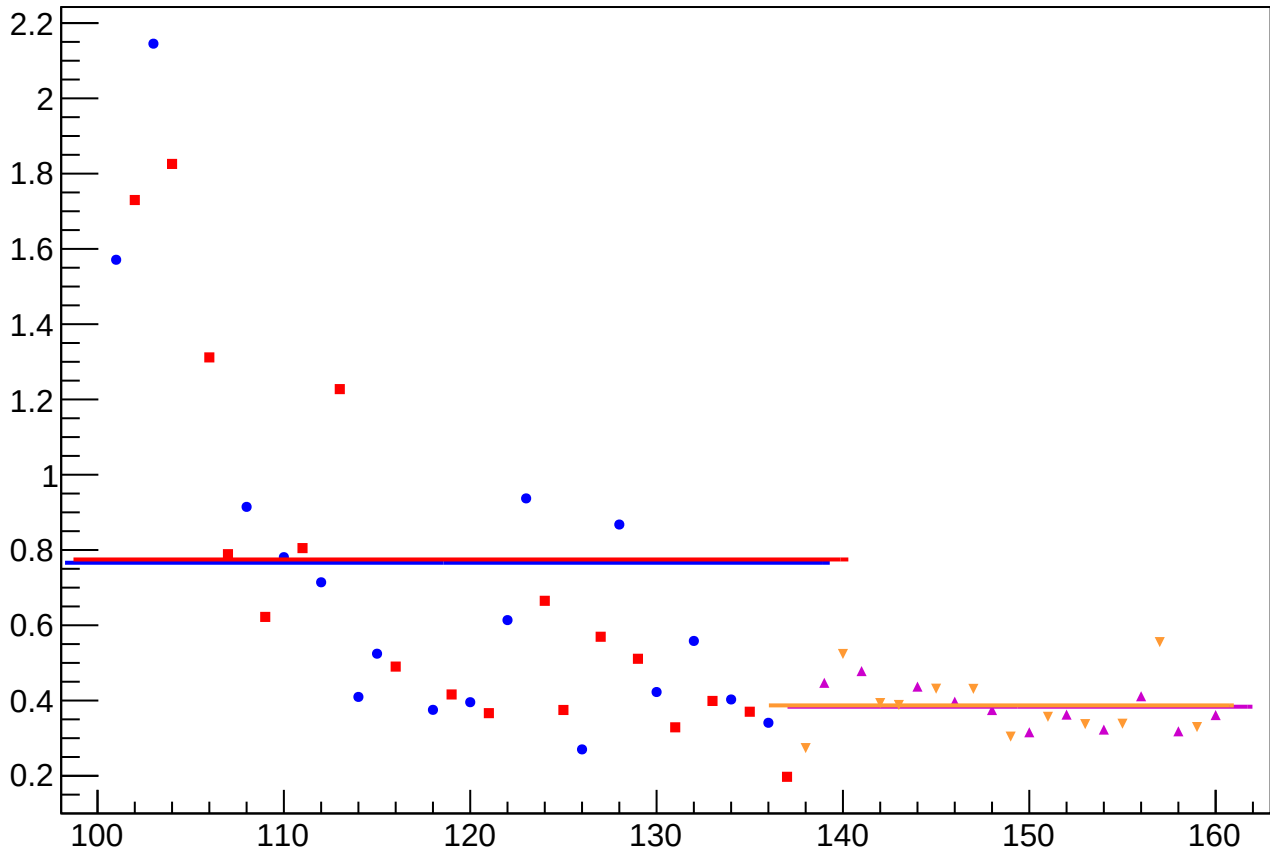
Left In: 4.427 $\pm$ 0.000 χ^2 /NDF: 347229155799314771034943134892032.0/10

+ sign 4.110 $\pm$ 0.000 χ^2 /NDF: 14155619679795147

All: 4.202 $\pm$ 0.000 χ^2 /NDF: 24031632515753

- sign 4.292 $\pm$ 0.000 χ^2 /NDF: 96089553826186659

dit_4eY_coil3_err_mean vs Slug



Right In: 0.766 $\pm$ 0.000 χ^2 /NDF: 204784790719097578994787197911040.0/16

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF: 6246545374867762879189246541824.0/11

Right Out: 0.775 $\pm$ 0.000 χ^2 /NDF: 182293178606852047340817164009472.0/17

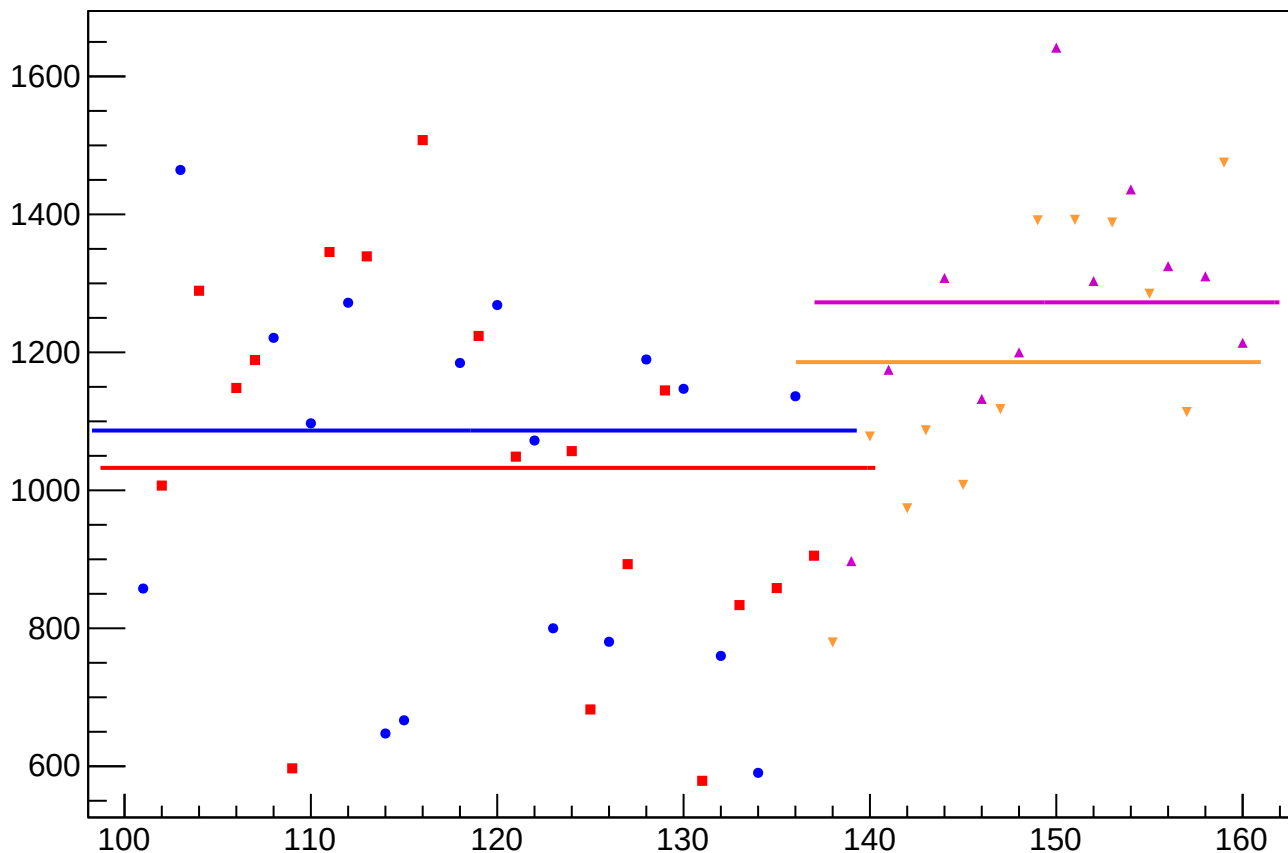
Left In: 0.384 $\pm$ 0.000 χ^2 /NDF: 2598634848541931497775565897728.0/10

+ sign 0.551 $\pm$ 0.000 χ^2 /NDF: 26755804354011128

All: 0.552 $\pm$ 0.000 χ^2 /NDF: 51440604230440

- sign 0.553 $\pm$ 0.000 χ^2 /NDF: 24684427151471948

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16

Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17

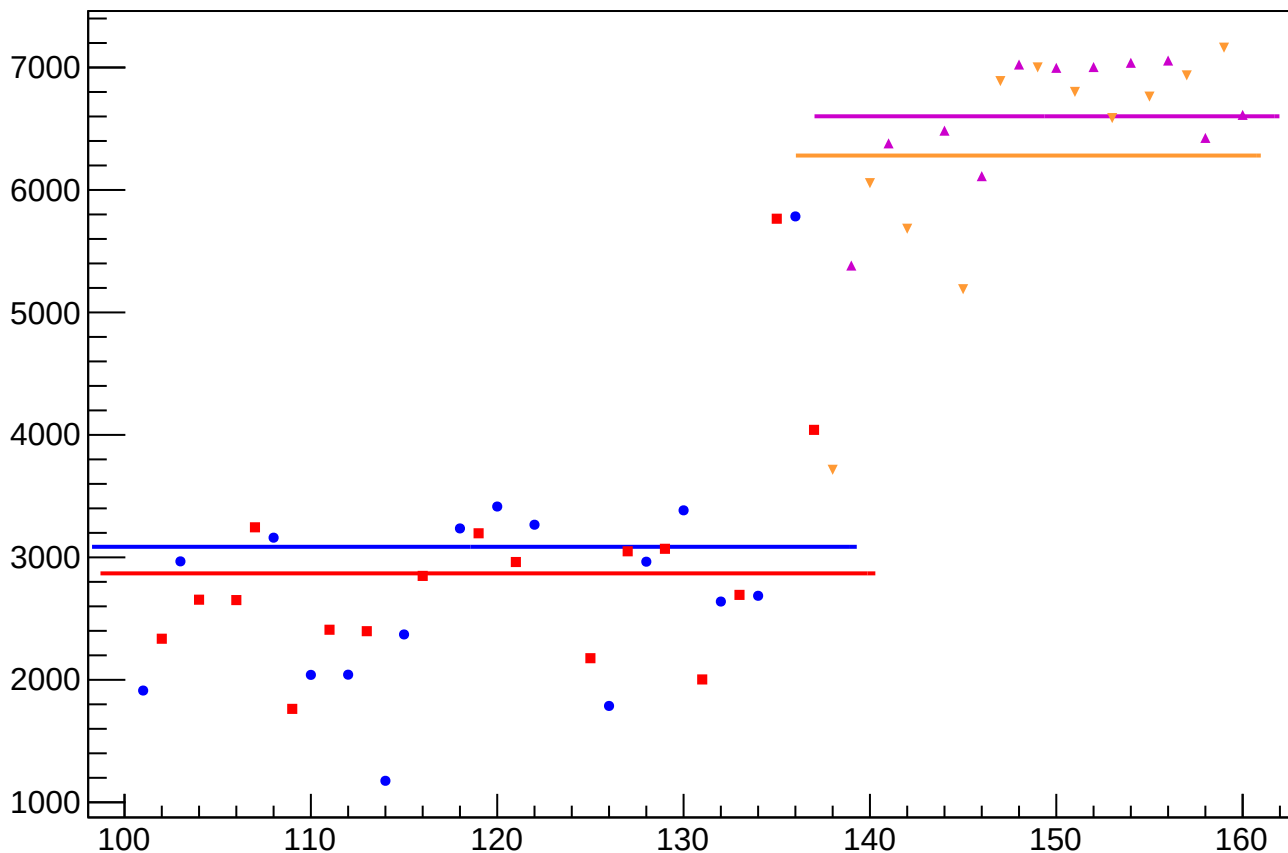
Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

+ sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785

All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682

- sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_usl_coil3_mean vs Slug



Right In: 3086.294+/-0.000 χ^2/NDF : 957872647656521012418983150086021709824.0/15

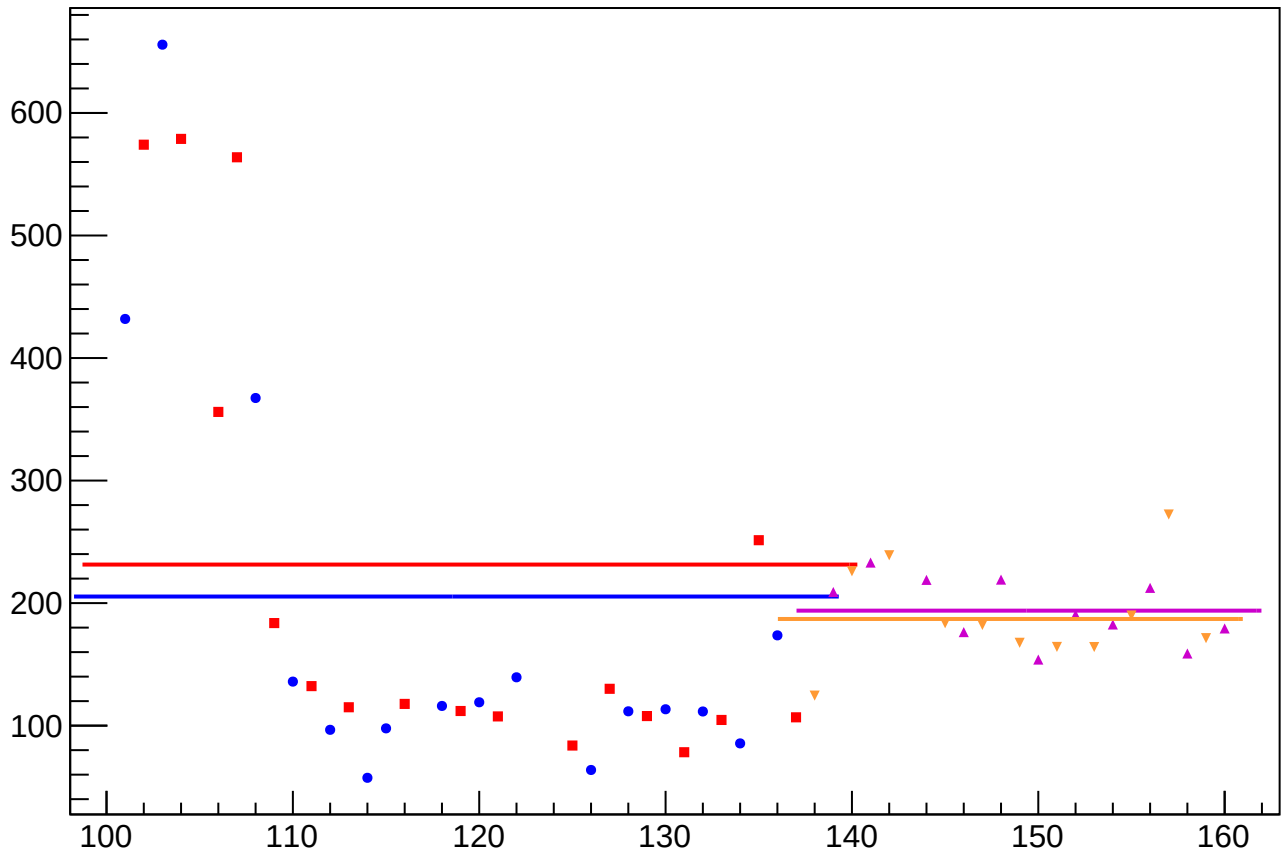
Left Out: 6281.054+/-0.000 χ^2/NDF : 840424812990698239150116446510170243072.0/10

Right Out: 2869.332+/-0.000 χ^2/NDF : 591237562305543847323062569482235936768.0/16

Left In: 6601.570+/-0.000 χ^2/NDF : 224954235143433170053737939603445252096.0/10

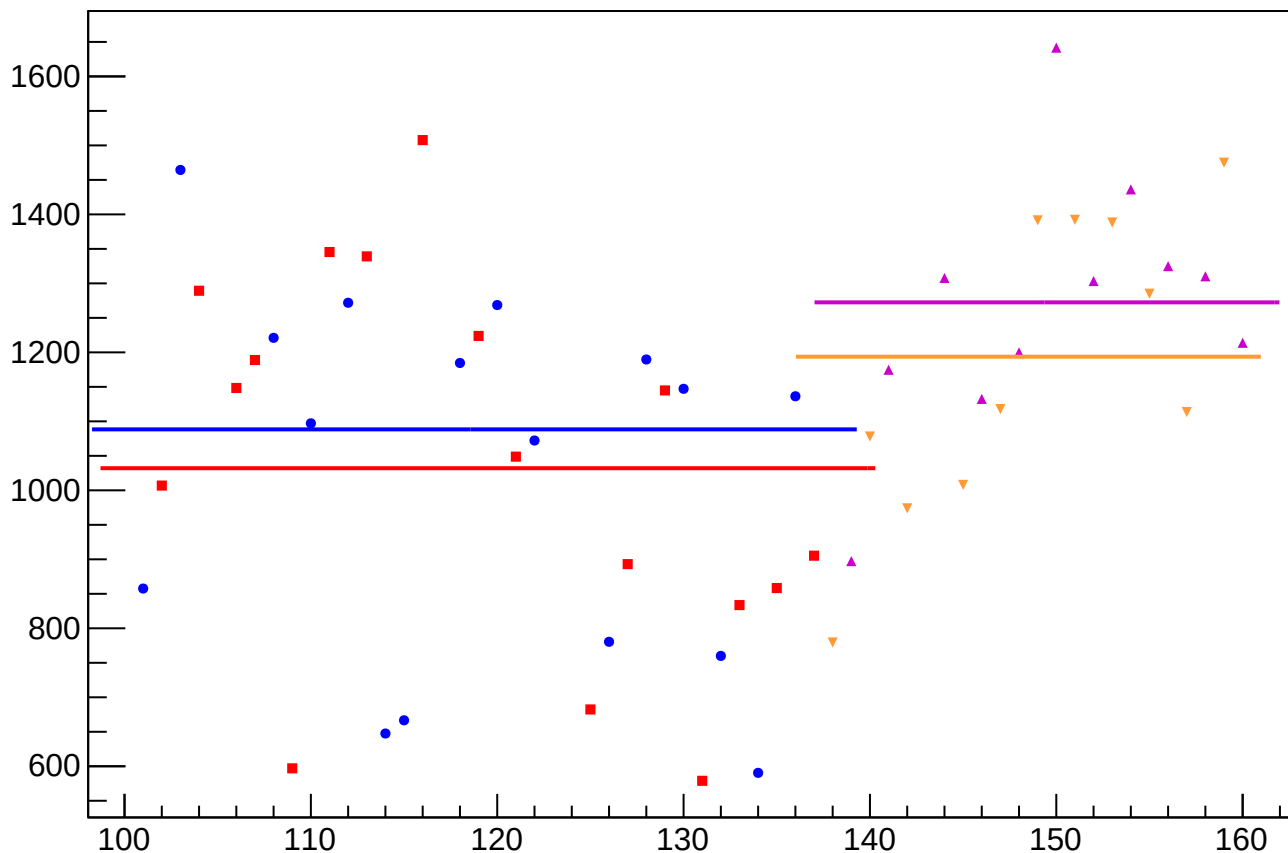
All: 4923.833+/-0.000 χ^2/NDF : 12080426728.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 205.364+/-0.000 χ^2/NDF : 20493668782682953984090808657754718208.0/15
 Left Out: 187.052+/-0.000 χ^2/NDF : 1231111224909573231836373521014980608.0/10
 Right Out: 231.450+/-0.000 χ^2/NDF : 23996601891457376807935240829130506240.0/16
 Left In: 193.848+/-0.000 χ^2/NDF : 586629985939156798428558842319077376.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1088.357+/-0.000 χ^2/NDF : 34282153777351983771685586546357960704.0/15

Left Out: 1193.682+/-0.000 χ^2/NDF : 36852151008799488295542377563587346432.0/10

Right Out: 1032.058+/-0.000 χ^2/NDF : 47606445983736508238206731798200713216.0/16

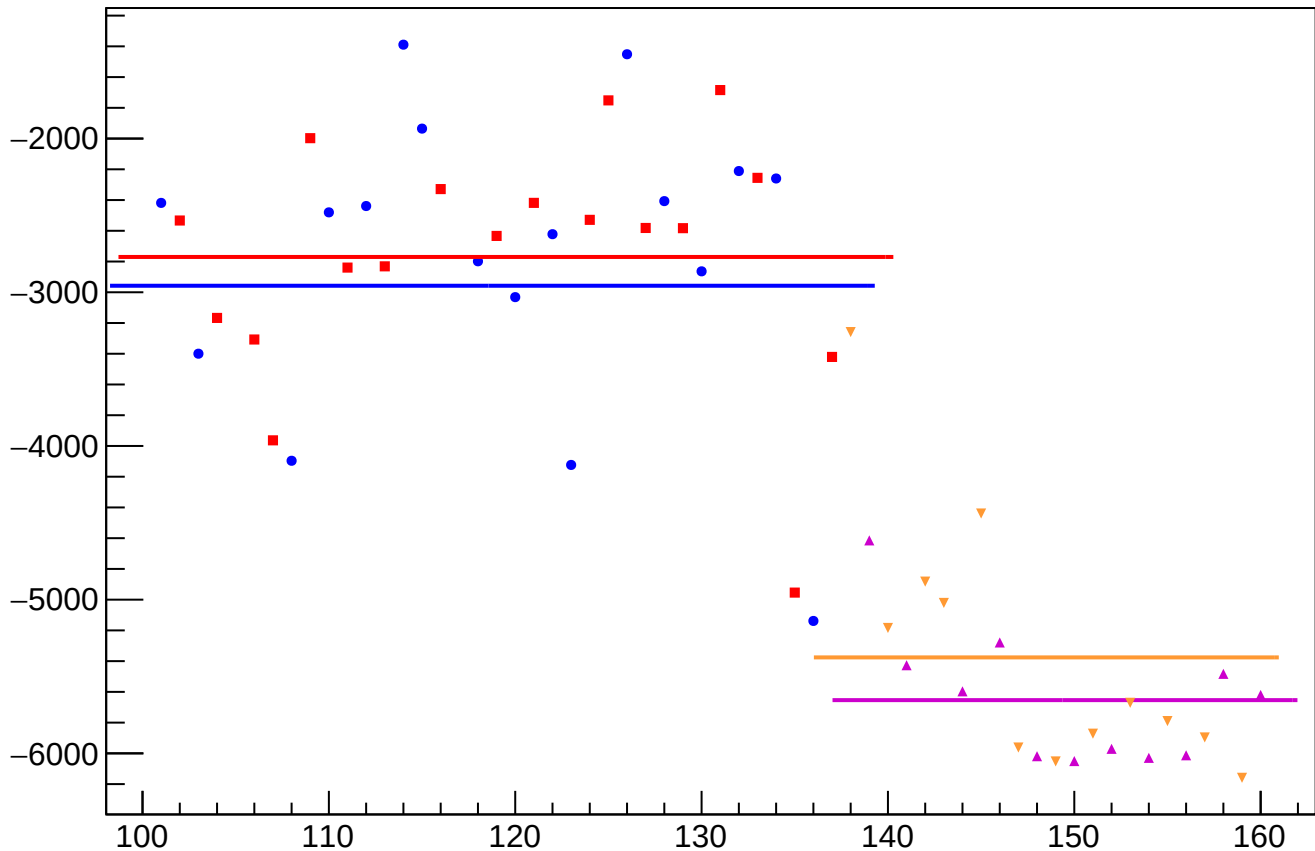
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1146.244+/-0.000 χ^2/NDF : 75341250489289

All: 1158.167+/-0.000 χ^2/NDF : 17638710884

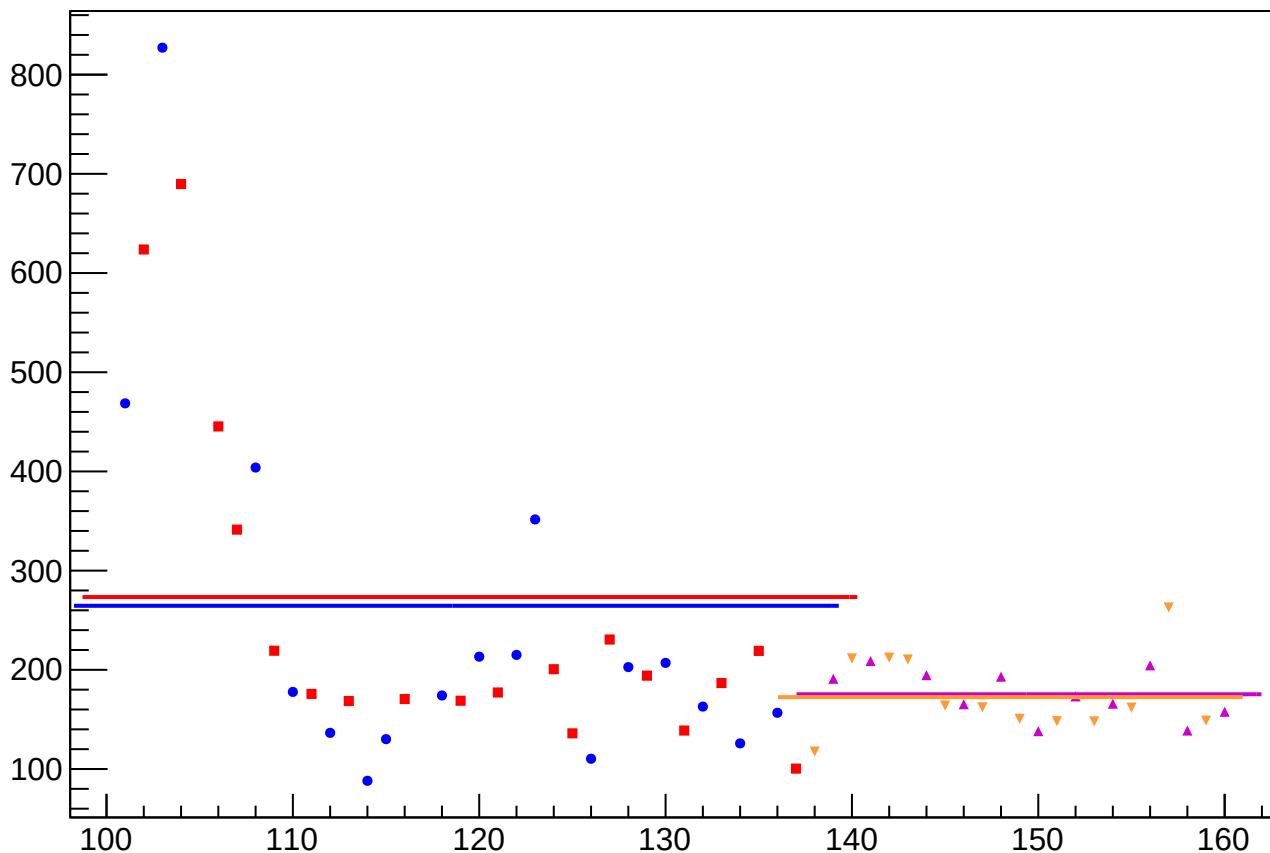
- sign 1169.346+/-0.000 χ^2/NDF : 10062388407814

dit_usr_coil3_mean vs Slug



Right In: -2957.567+/-0.000 χ^2/NDF : 713909426456610215881026852236843548672.0/16
 Left Out: -5375.695+/-0.000 χ^2/NDF : 614970411401357250704026120645020483584.0/11
 Right Out: -2770.253+/-0.000 χ^2/NDF : 445434357481765841936850386629712412672.0/17
 Left In: -5653.693+/-0.000 χ^2/NDF : 163388727247640022745164219494657163264.0/10

dit_usr_coil3_err_mean vs Slug



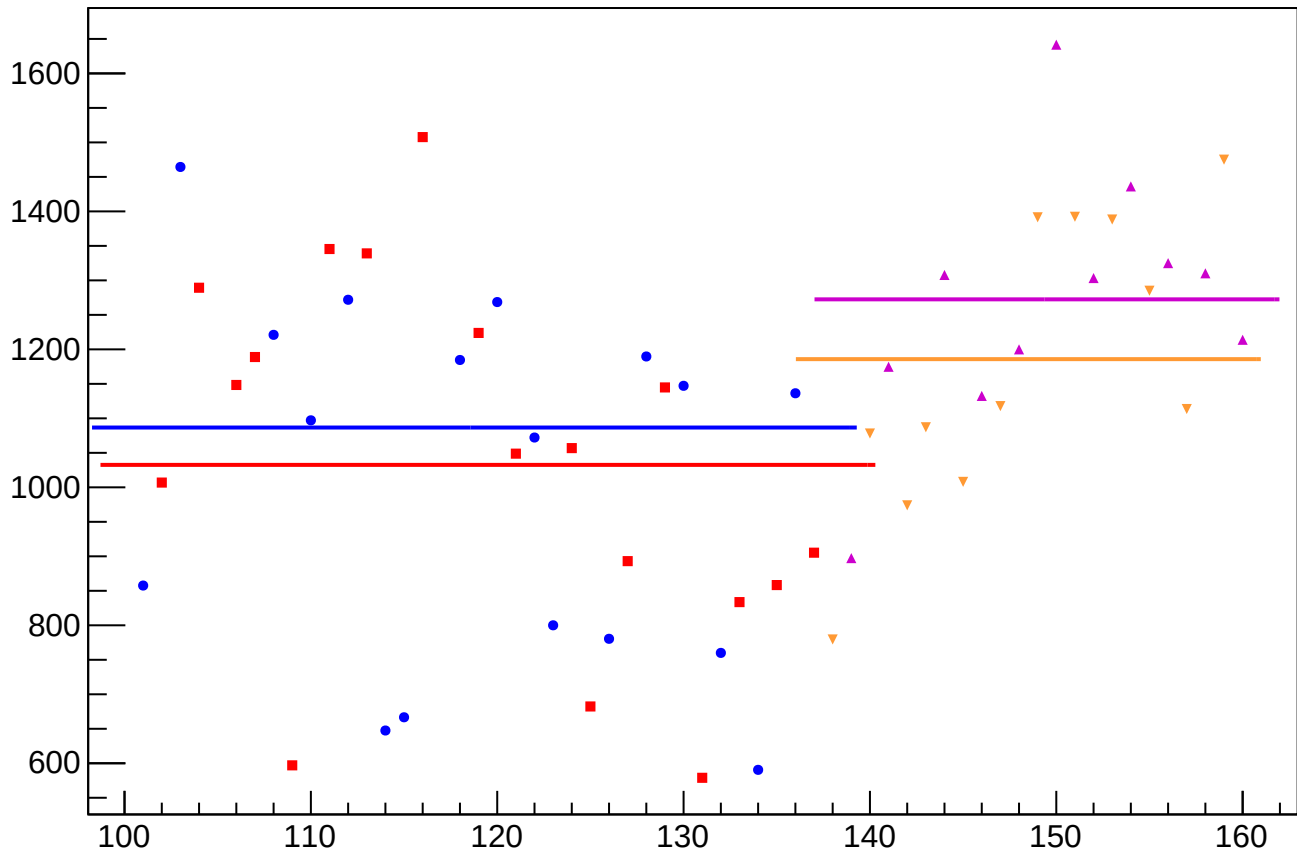
Right In: 264.557 +/- 0.000 χ^2/NDF : 27392235444982313348552279916984401920.0/16

Left Out: 172.461 +/- 0.000 χ^2/NDF : 1337859782705403198008239582328389632.0/11

Right Out: 273.375 +/- 0.000 χ^2/NDF : 22103440288407609769259099140296540160.0/17

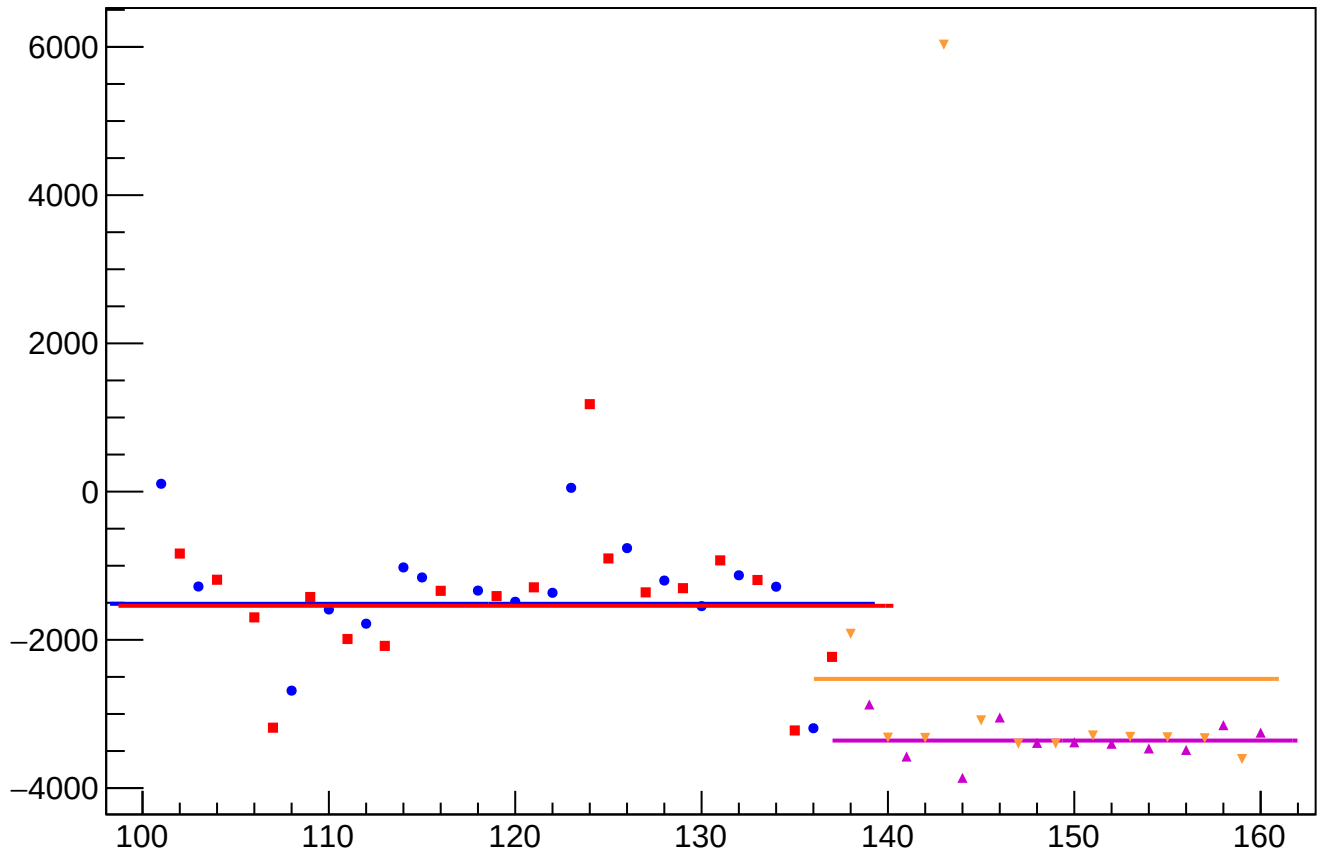
Left In: 175.349 +/- 0.000 χ^2/NDF : 519457890651720785160381502035329024.0/10

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

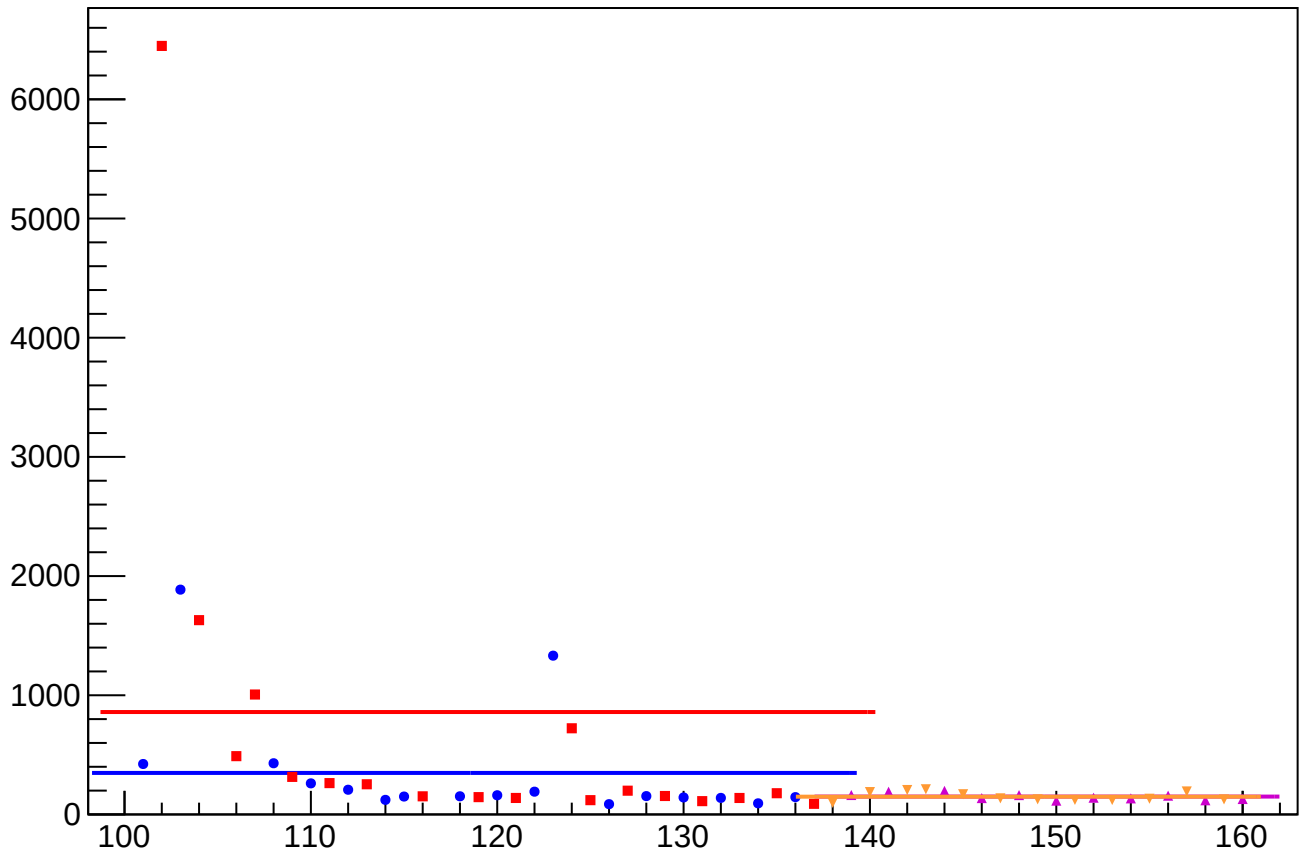
dit_atl1_coil3_mean vs Slug



Right In: -1513.653+/-0.000	χ^2/NDF : 514234912482757513557339366977389461504.0/16
Left Out: -2527.006+/-0.000	χ^2/NDF : 5451232990455416155360910698566211600384.0/11
Right Out: -1540.621+/-0.000	χ^2/NDF : 446199417852057016559160819528574697472.0/17
Left In: -3358.797+/-0.000	χ^2/NDF : 60700995686323483961460541092630888448.0/10

+ sign -2088.287+/-0.000 χ^2/NDF : 6369588891133
 All: -2332.459+/-0.000 χ^2/NDF : 8403164057
 - sign -2569.964+/-0.000 χ^2/NDF : 18450423697214

dit_atl1_coil3_err_mean vs Slug



Right In: 348.444+/-0.000 χ^2/NDF : 164421878122610355371654497383202422784.0/16

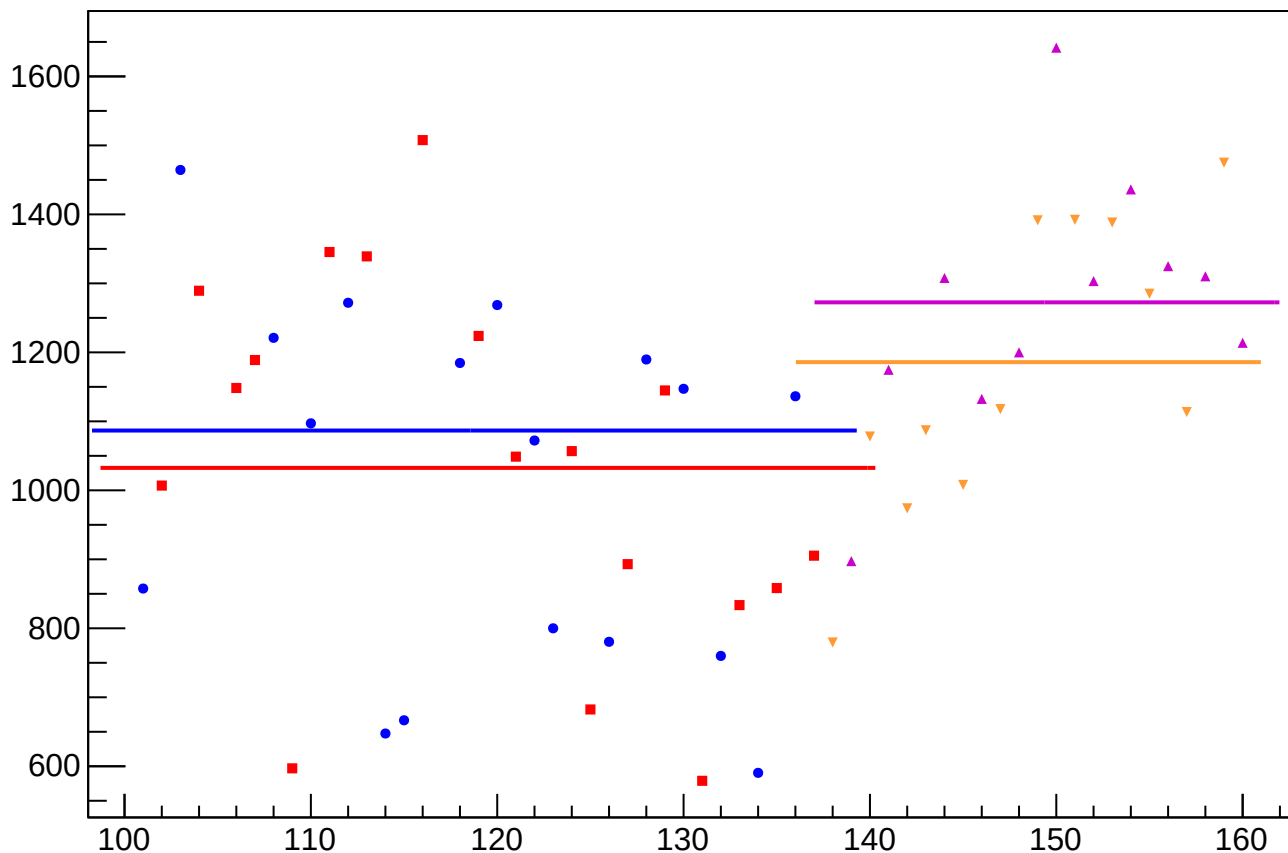
Left Out: 149.175+/-0.000 χ^2/NDF : 1154008557616927305320355624438988800.0/11

Right Out: 859.360+/-0.000 χ^2/NDF : 2089894584846900651264019930845330538496.0/17

Left In: 149.996+/-0.000 χ^2/NDF : 634211210391111193289402478351089664.0/10

All: 348.142+/-0.000 χ^2/NDF : 251558210978

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

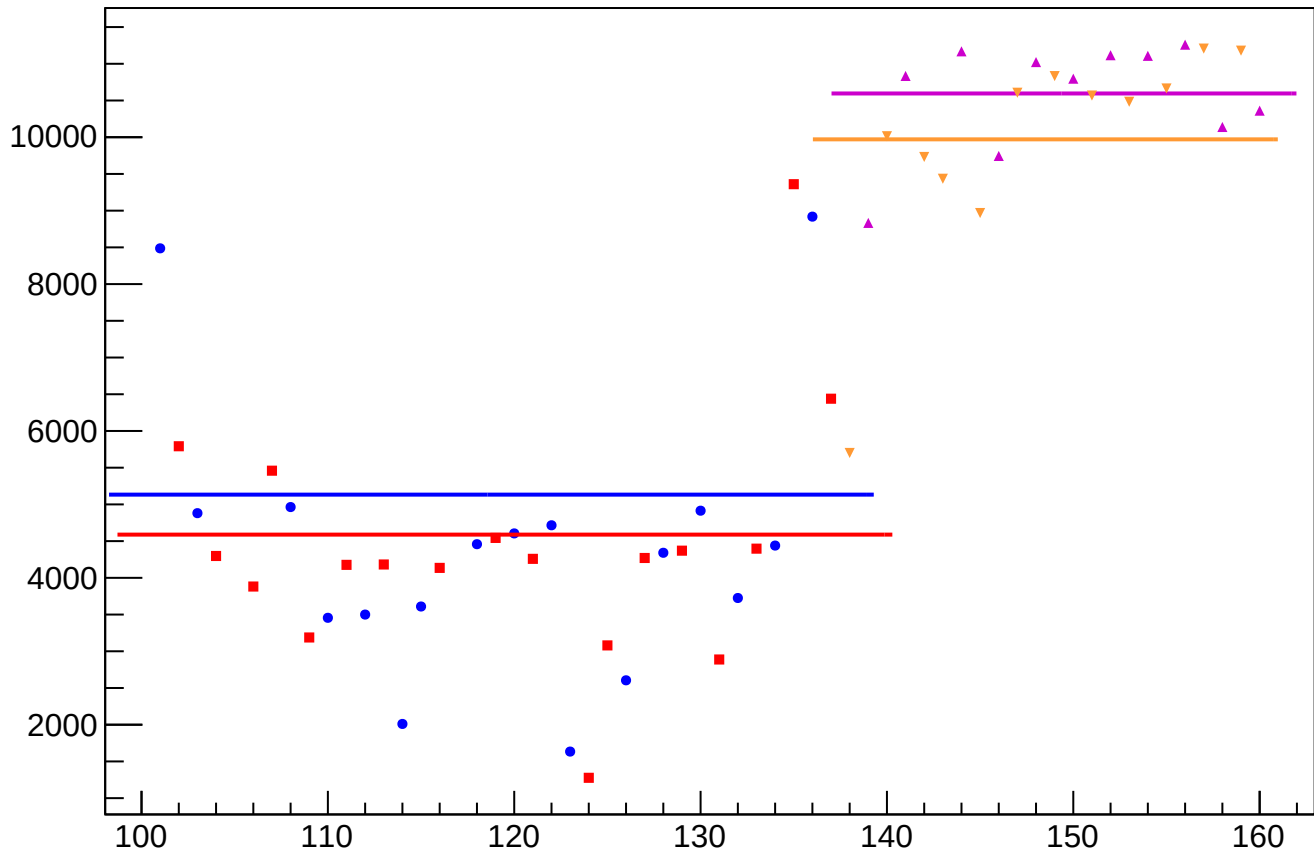
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

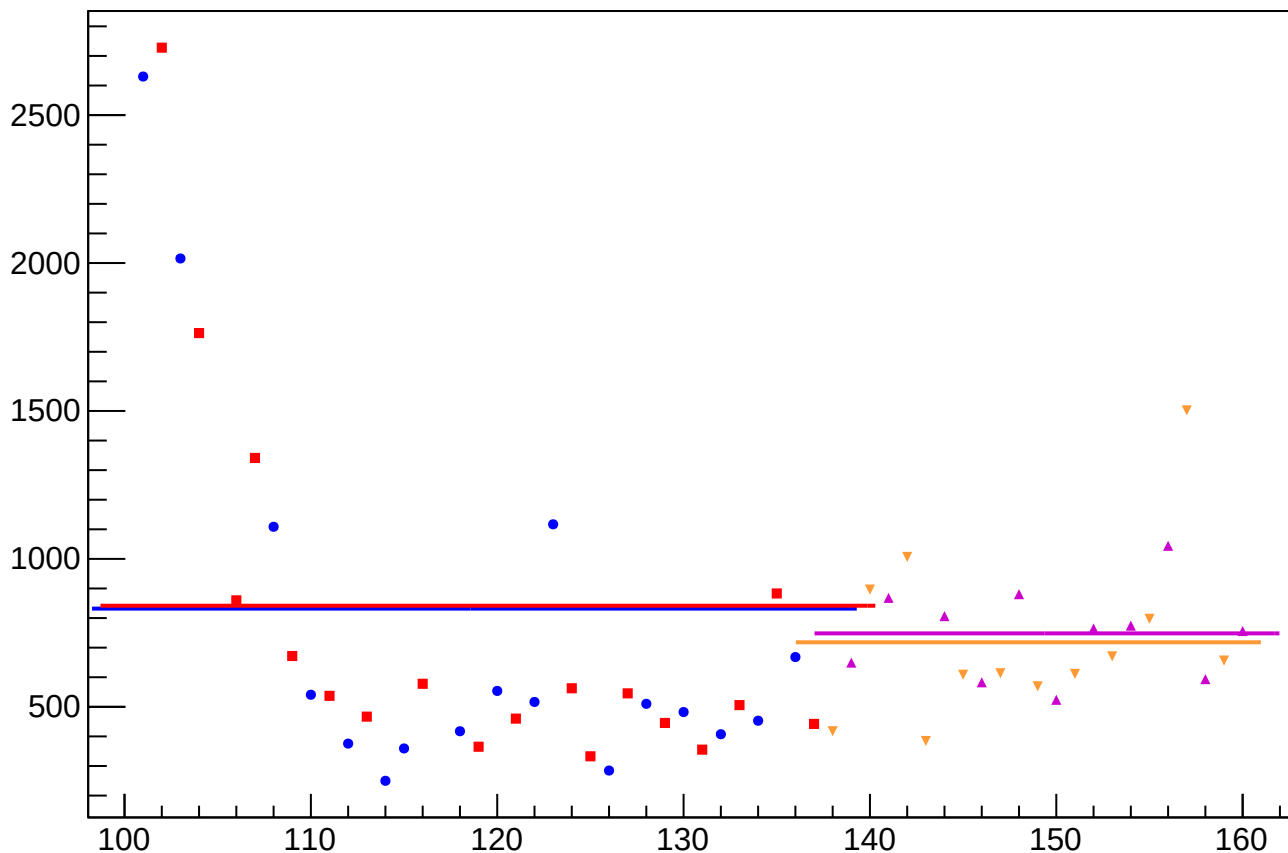
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_atl2_coil3_mean vs Slug



Right In: 5133.097 $\pm$ 0.000 χ^2 /NDF: 2783606731789543492542627200033364115456.0/16
 Left Out: 9970.965 $\pm$ 0.000 χ^2 /NDF: 1934561351581385388949199210125109231616.0/11
 Right Out: 4588.565 $\pm$ 0.000 χ^2 /NDF: 1762679658137517030098233744958039261184.0/17
 Left In: 10595.738 $\pm$ 0.000 χ^2 /NDF: 468576856430233997179123685345978220544.0/10

dit_atl2_coil3_err_mean vs Slug



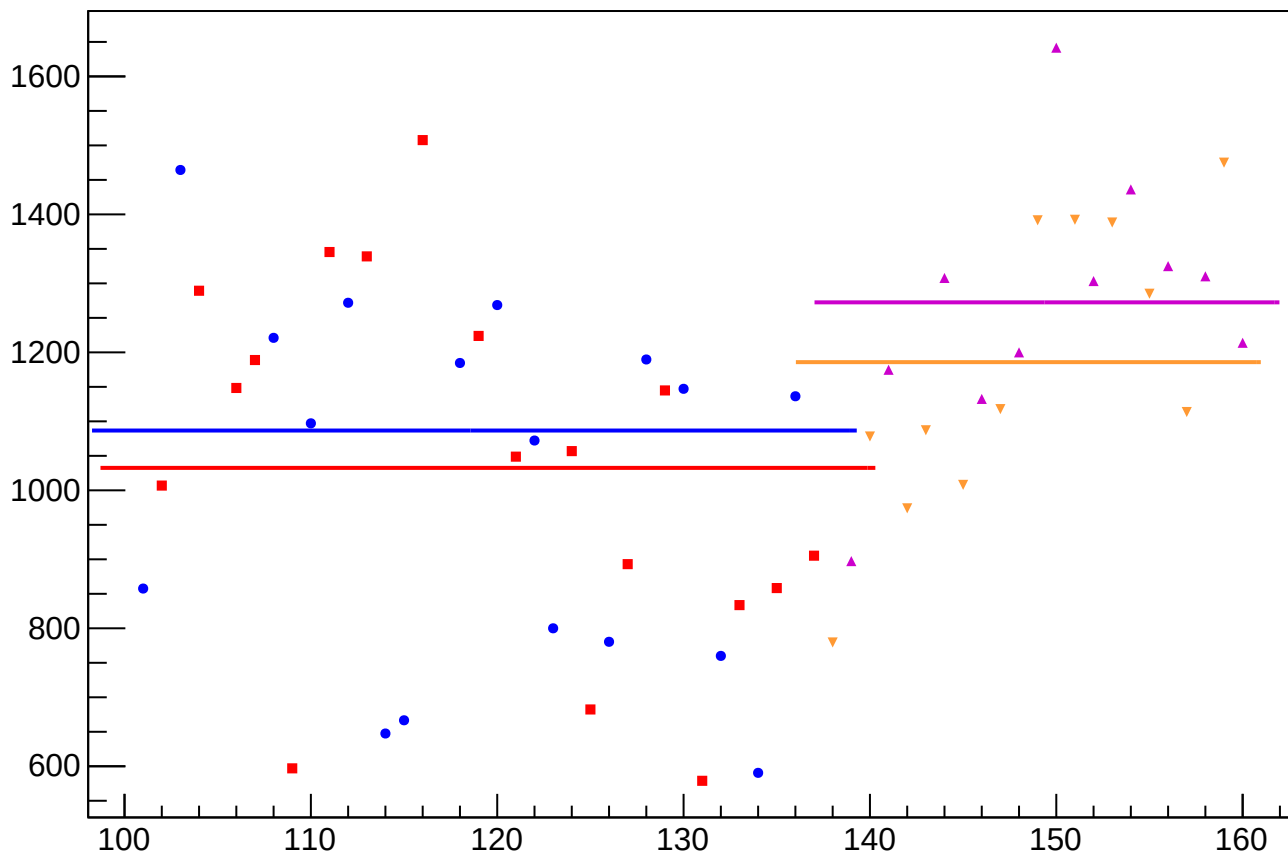
Right In: 831.957+/-0.000 χ^2/NDF : 349451729062960856481628082238677581824.0/16

Left Out: 718.149+/-0.000 χ^2/NDF : 71937620206312488089989876430797799424.0/11

Right Out: 841.697+/-0.000 χ^2/NDF : 327194571788790762884924618221350289408.0/17

Left In: 748.248+/-0.000 χ^2/NDF : 19684275040316832189212720213180547072.0/10

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

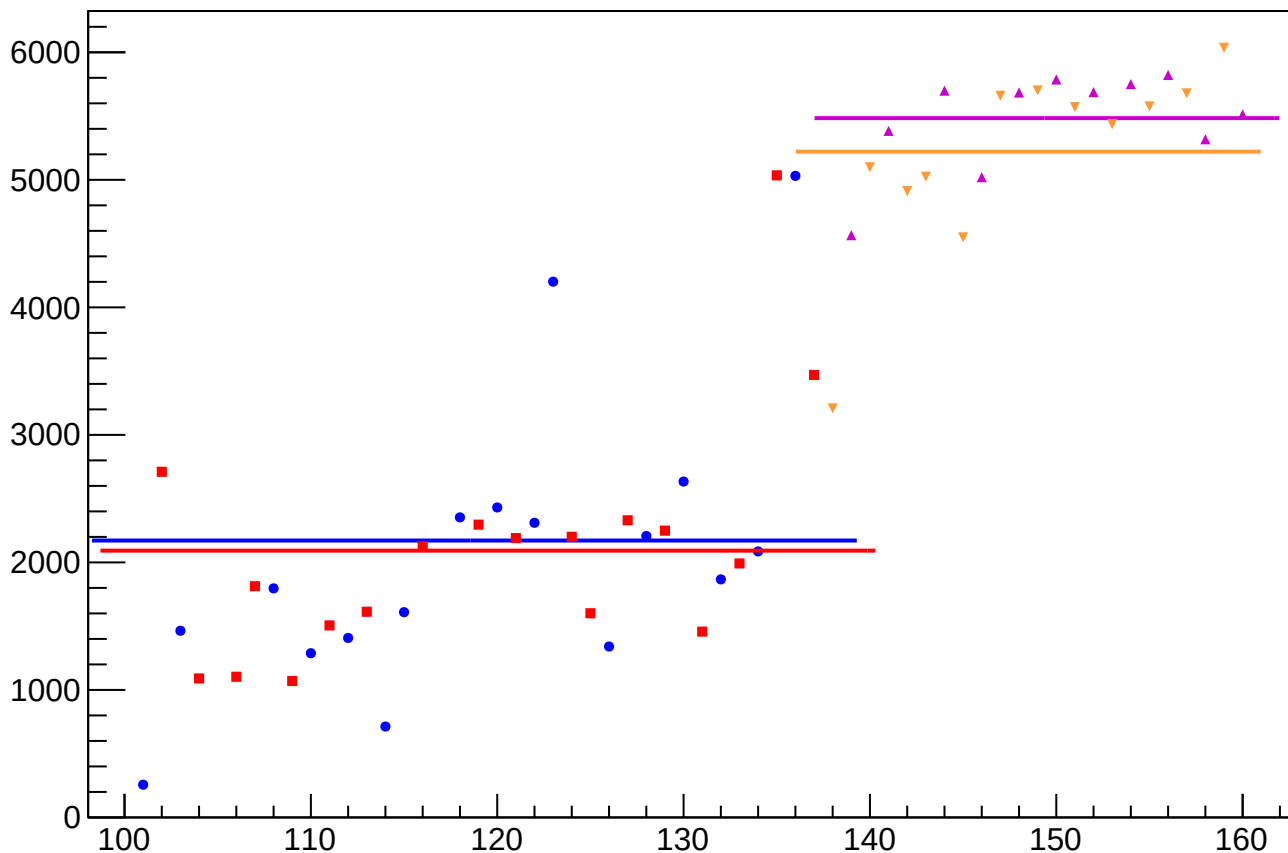
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

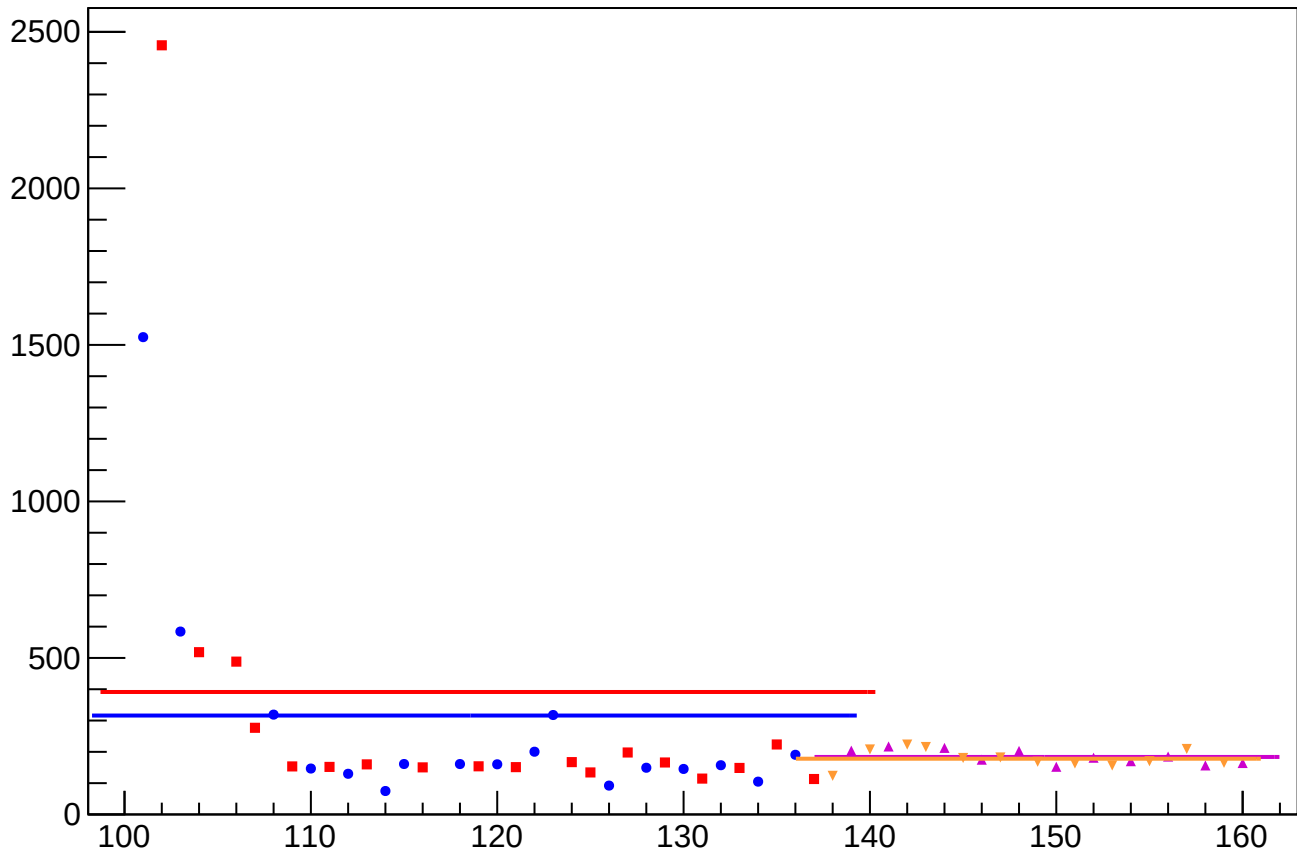
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_atr1_coil3_mean vs Slug



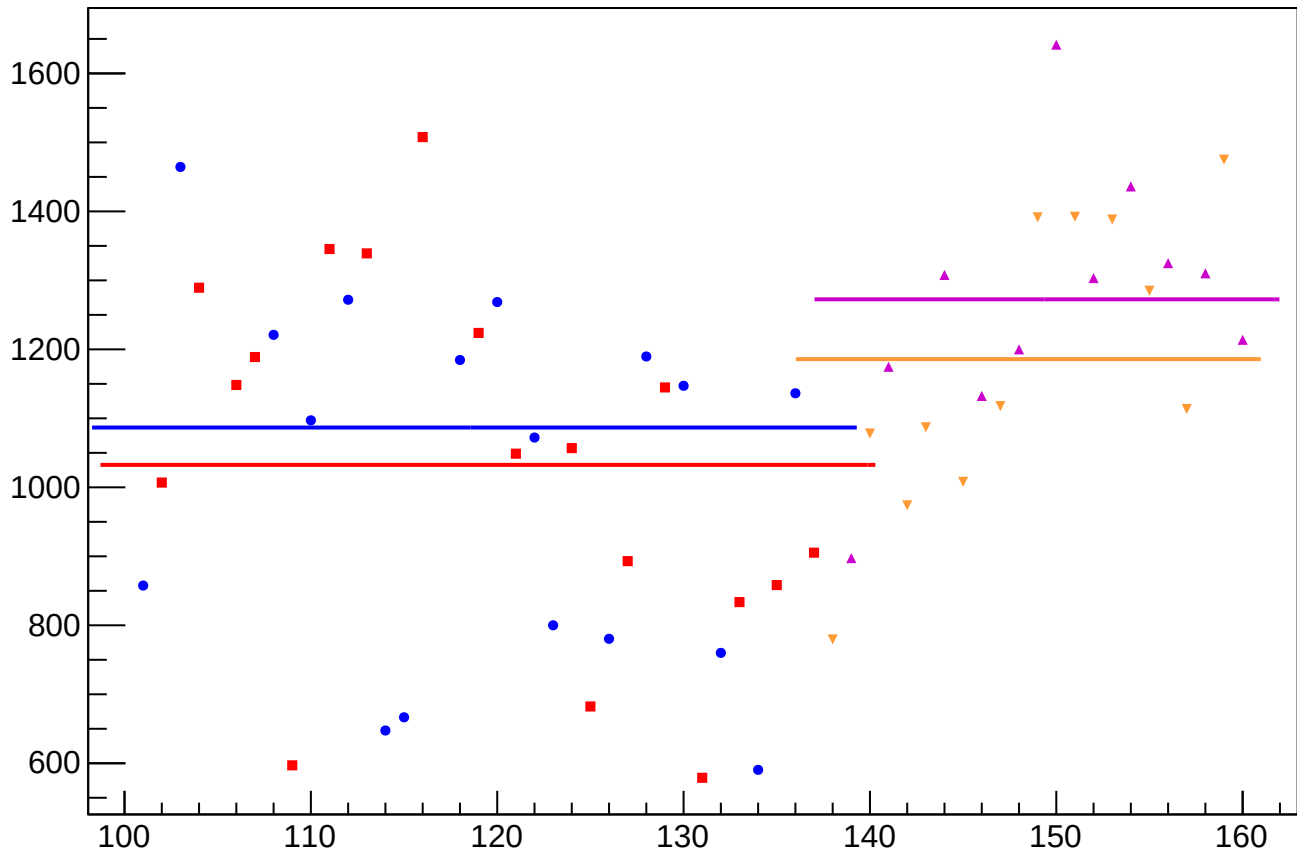
Right In: 2171.584+/-0.000 χ^2/NDF : 1121481436711992505747608002078061887488.0/16
 Left Out: 5221.037+/-0.000 χ^2/NDF : 485765431105029285433830000844618072064.0/11
 Right Out: 2092.361+/-0.000 χ^2/NDF : 667441885377832140265043131761621467136.0/17
 Left In: 5483.850+/-0.000 χ^2/NDF : 124207618021639643047117923230651777024.0/10

dit_atr1_coil3_err_mean vs Slug



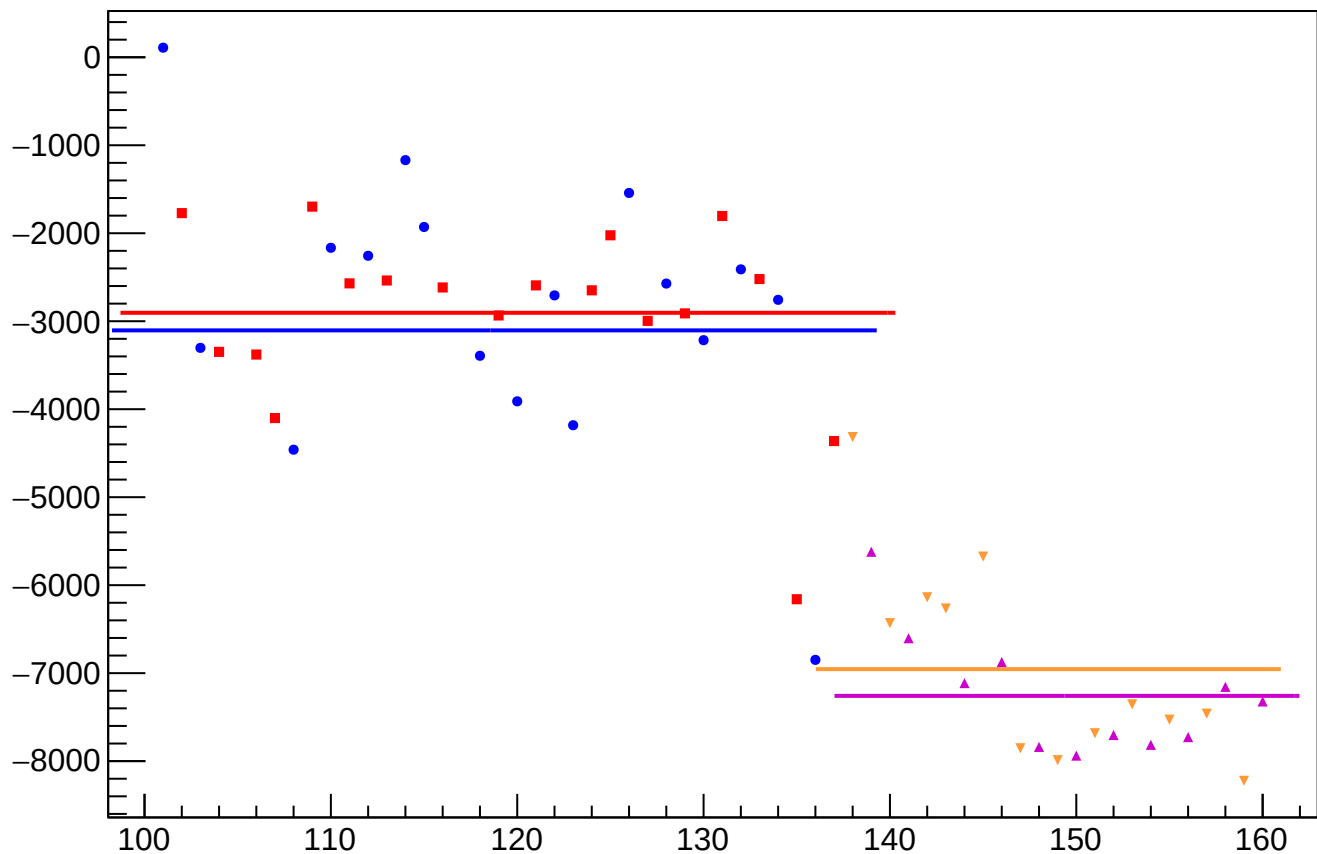
Right In: 315.988 $\pm$ 0.000 χ^2 /NDF: 105245970043528229052885068868464148480.0/16
 Left Out: 178.075 $\pm$ 0.000 χ^2 /NDF: 651585134849869206771008425477275648.0/11
 Right Out: 391.241 $\pm$ 0.000 χ^2 /NDF: 278615743451952201300141162839823876096.0/17
 Left In: 183.693 $\pm$ 0.000 χ^2 /NDF: 436901081723904411805948593427185664.0/10

dit_atr1_coil3_Ndata_mean vs Slug



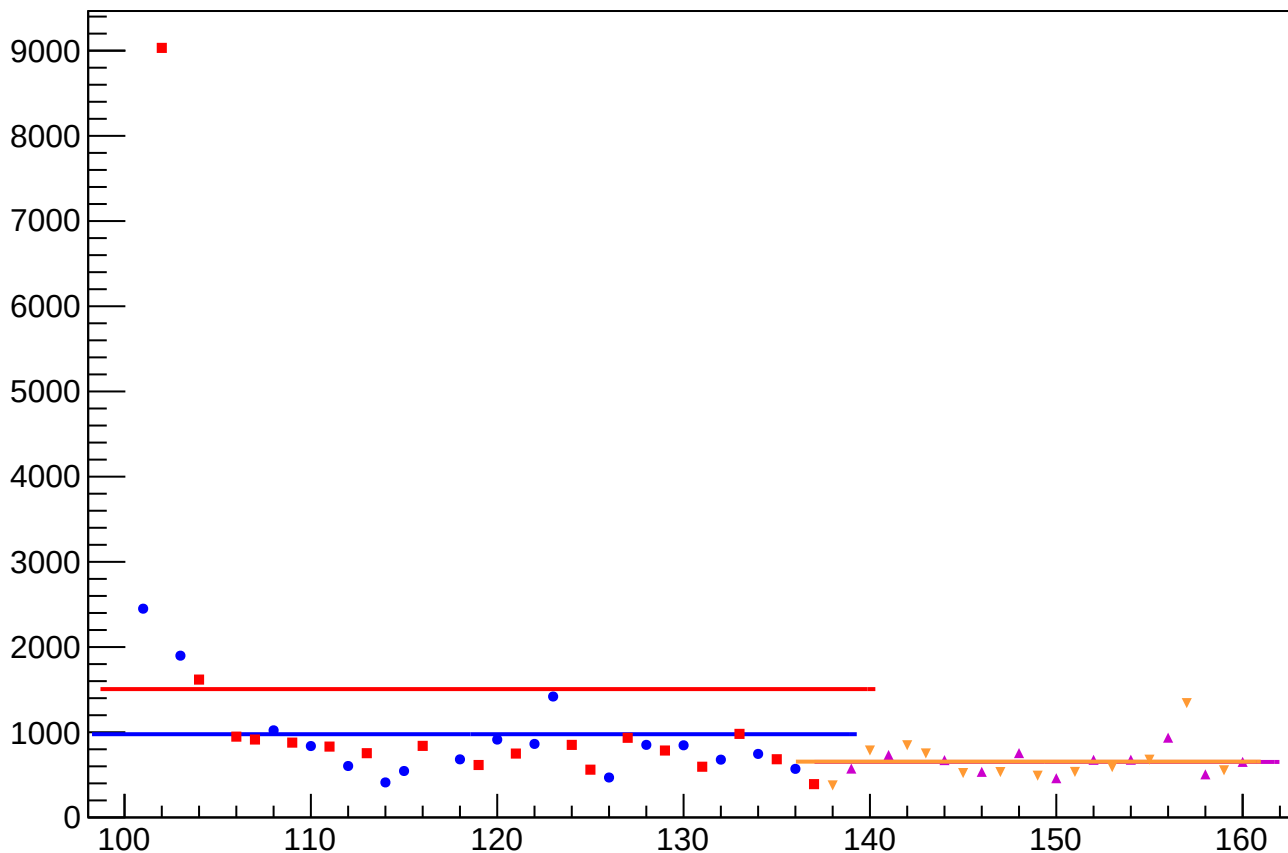
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 All: 1155.825+/-0.000 χ^2/NDF : 17736486682
 + sign 1142.906+/-0.000 χ^2/NDF : 76037619994785
 - sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_atr2_coil3_mean vs Slug



Right In: -3104.086+/-0.000	χ^2/NDF : 2219830093322908449503226232551283621888.0/16
Left Out: -6954.312+/-0.000	χ^2/NDF : 1136997499681278393426195734690374090752.0/11
Right Out: -2904.095+/-0.000	χ^2/NDF : 863466592603439885705858083509569060864.0/17
Left In: -7258.241+/-0.000	χ^2/NDF : 401725539598456185043422844347240939520.0/10
All: -5328.844+/-0.000 χ^2/NDF : 1813565160	
+ sign -5287.402+/-0.000 χ^2/NDF : 9190770681554	
- sign -5369.155+/-0.000 χ^2/NDF : 8939449942209	

dit_atr2_coil3_err_mean vs Slug



Right In: 977.095+/-0.000 χ^2/NDF : 229572106069348964280530708212477853696.0/16

Left Out: 655.166+/-0.000 χ^2/NDF : 51874874251518032023744139034586251264.0/11

Right Out: 1506.543+/-0.000 χ^2/NDF : 3621204096431683433019783695973291655168.0/17

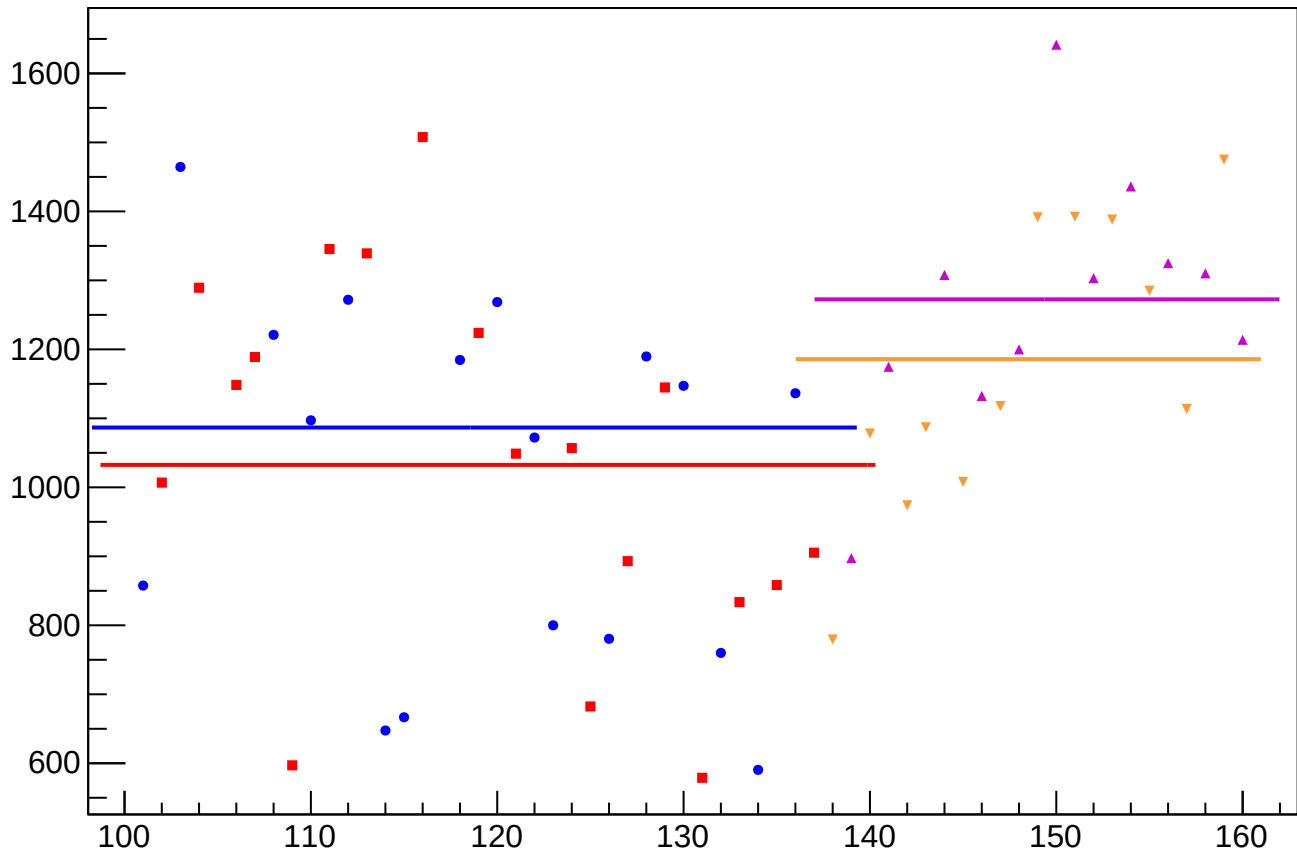
Left In: 651.533+/-0.000 χ^2/NDF : 14771751730893507411820547842989096960.0/10

All: 910.092+/-0.000 χ^2/NDF : 429634936152

+ sign 794.541+/-0.000 χ^2/NDF : 322232750096570

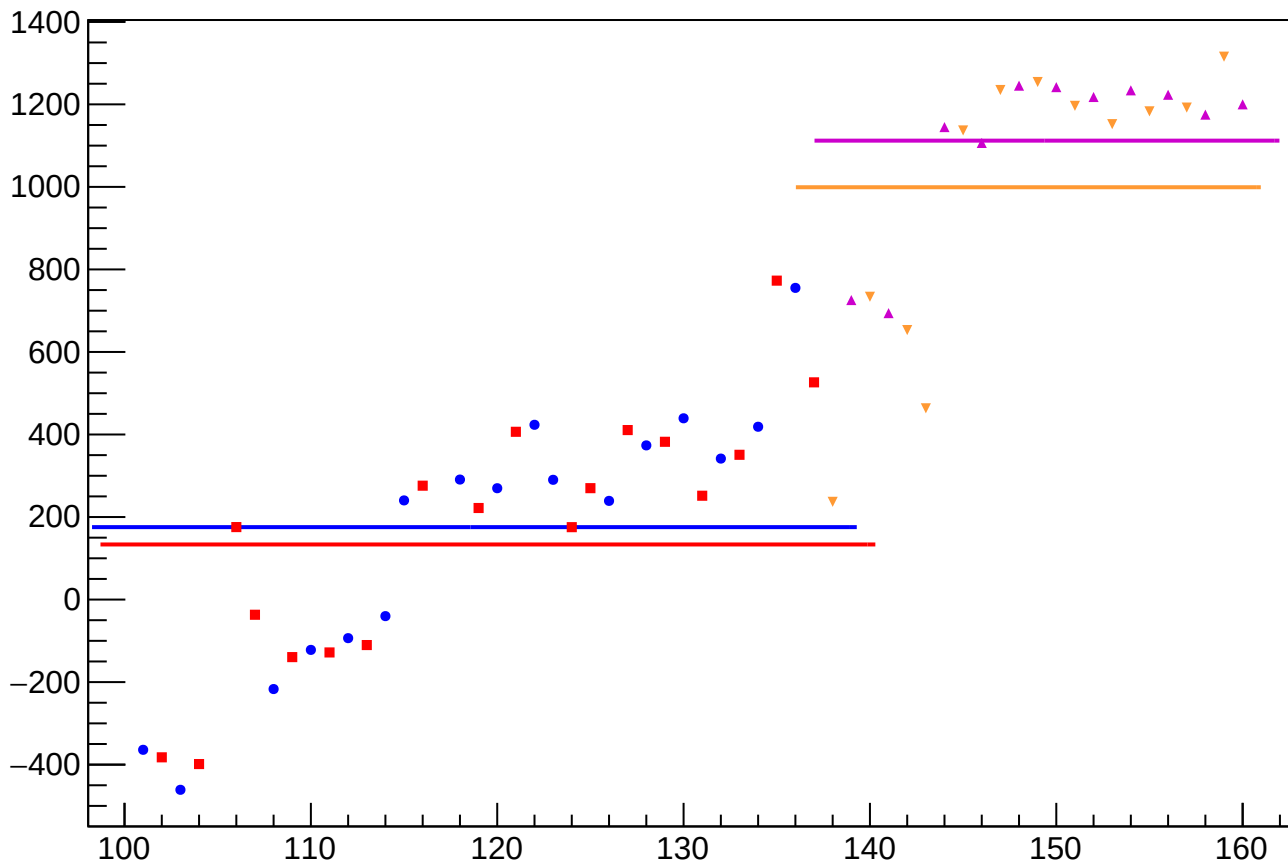
- sign 1022.487+/-0.000 χ^2/NDF : 39318948285965

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_sam1_coil3_mean vs Slug



Right In: 175.537+/-0.000 χ^2/NDF : 95726276788203913105887314540463390720.0/16

Left Out: 999.146+/-0.000 χ^2/NDF : 105564366035075461974618801527085596672.0/11

Right Out: 133.524+/-0.000 χ^2/NDF : 76029583873433989388564211432616361984.0/17

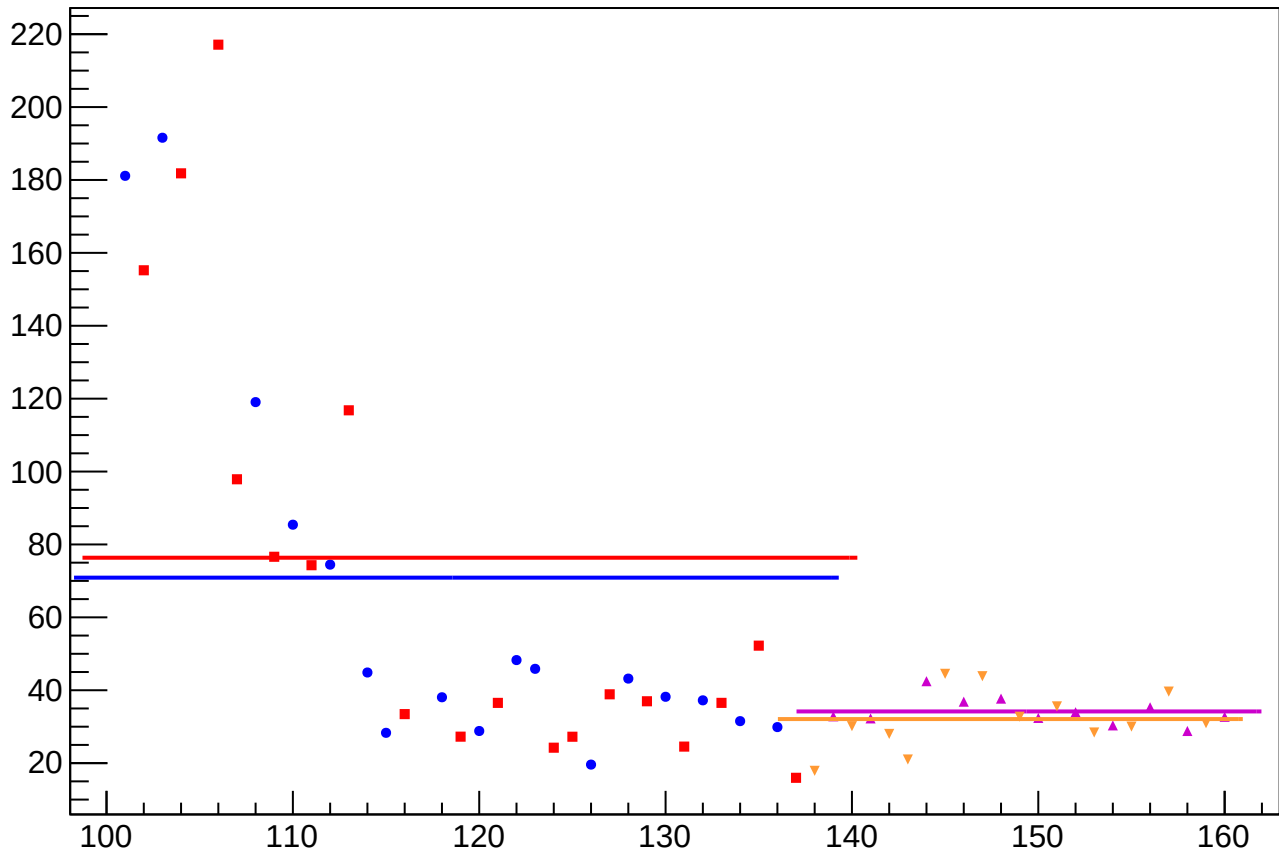
Left In: 1112.074+/-0.000 χ^2/NDF : 34304488318555265110633397434623983616.0/10

+ sign 642.574+/-0.000 χ^2/NDF : 468241907498970

All: 665.359+/-0.000 χ^2/NDF : 967829469596

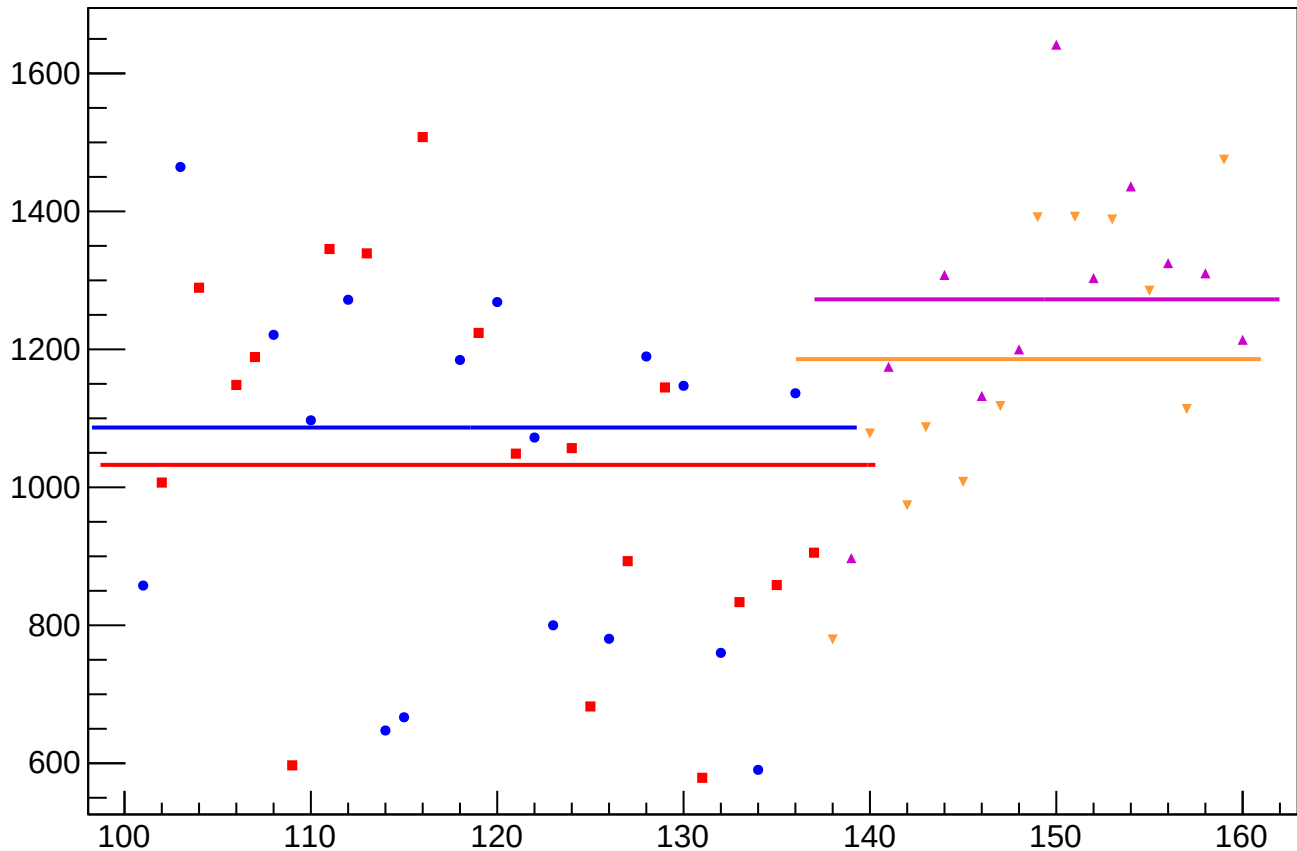
- sign 687.521+/-0.000 χ^2/NDF : 497945950535614

dit_sam1_coil3_err_mean vs Slug



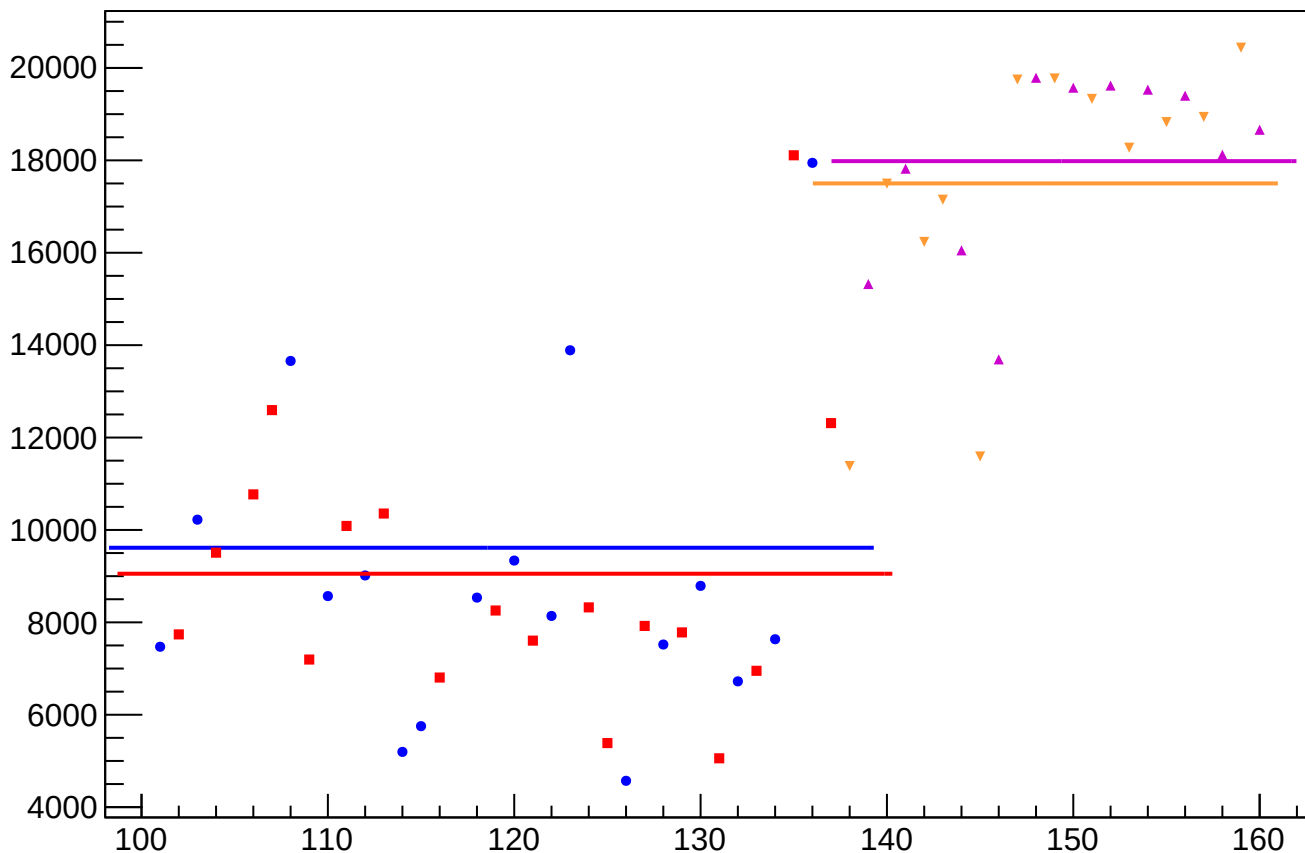
Right In: 70.892 $\pm$ 0.000 χ^2 /NDF: 2275734493854200628376973265629872128.0/16
 Left Out: 32.091 $\pm$ 0.000 χ^2 /NDF: 54625109486428917738965927425212416.0/11
 Right Out: 76.360 $\pm$ 0.000 χ^2 /NDF: 2382375226603203691068269213188620288.0/17
 Left In: 34.184 $\pm$ 0.000 χ^2 /NDF: 12426918146189706802189676664848384.0/10

dit_sam1_coil3_Ndata_mean vs Slug



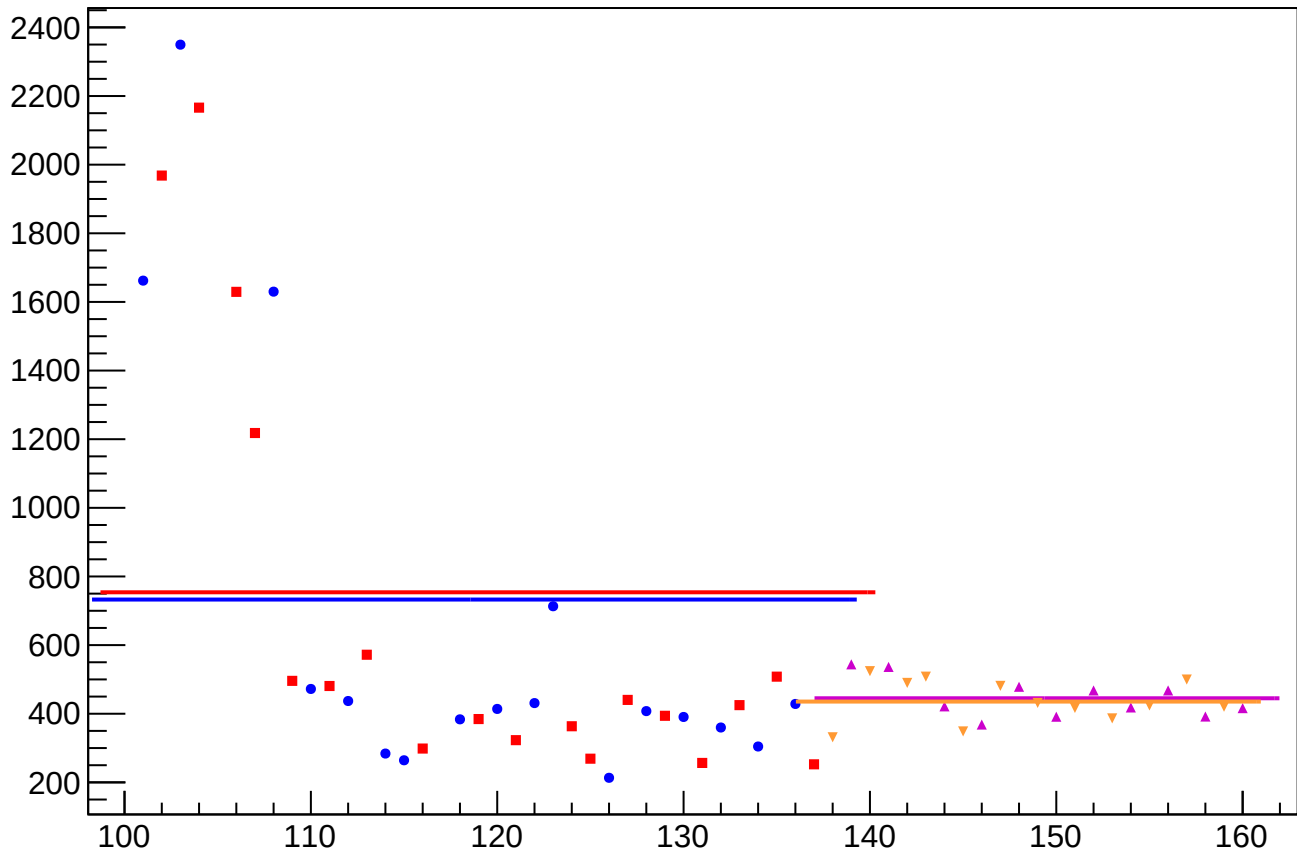
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_sam2_coil3_mean vs Slug



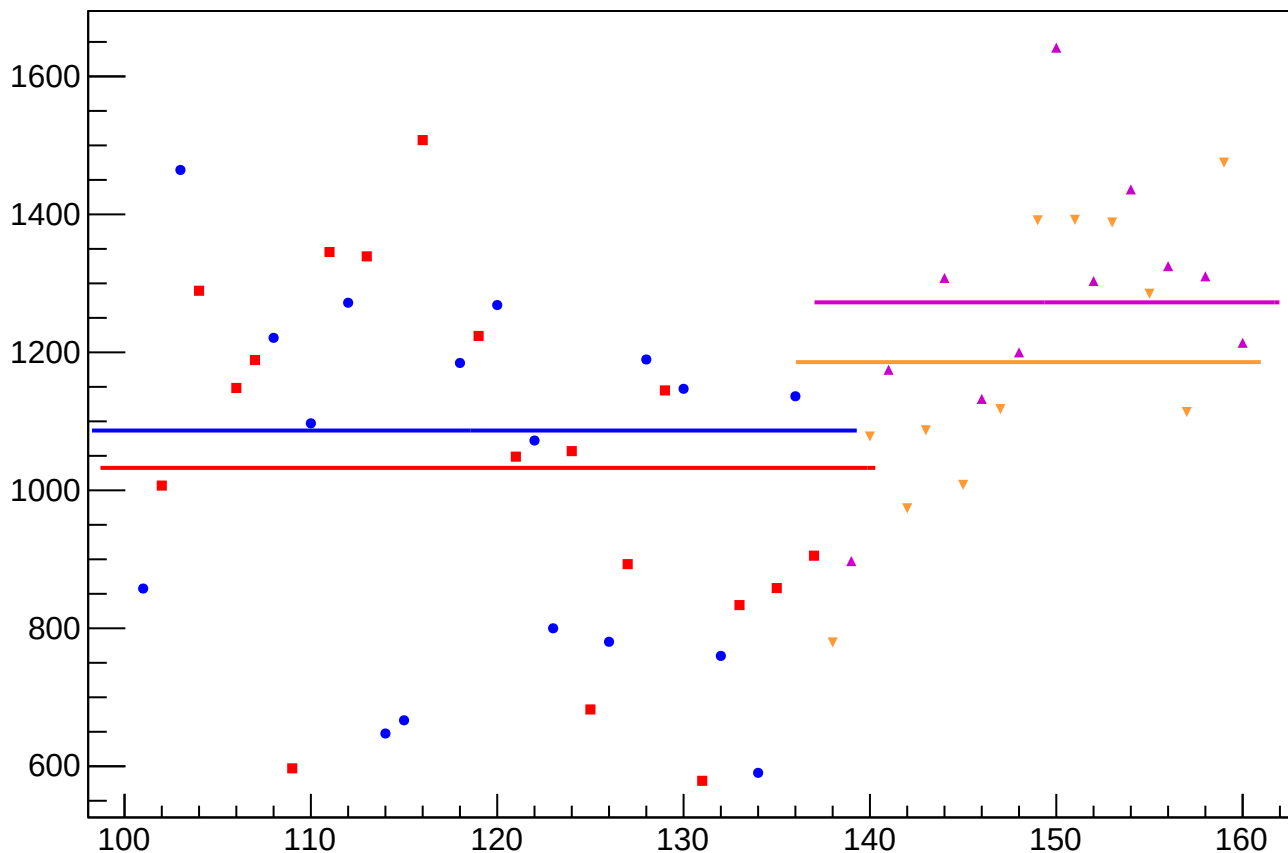
Right In: 9614.932+/-0.000 χ^2/NDF : 9450588438014082769578324832201526476800.0/16
 Left Out: 17500.786+/-0.000 χ^2/NDF : 7846813012026023217295297642858706632704.0/11
 Right Out: 9052.441+/-0.000 χ^2/NDF : 6723672544856808135538254172135519944704.0/17
 Left In: 17983.189+/-0.000 χ^2/NDF : 3584595715288567917039077291852254150656.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 732.742+/-0.000 χ^2/NDF : 301740459340268060292037793871684435968.0/16
 Left Out: 435.461+/-0.000 χ^2/NDF : 3296772866704872156721083756341886976.0/11
 Right Out: 753.888+/-0.000 χ^2/NDF : 288199108578840040054796930815893700608.0/17
 Left In: 445.056+/-0.000 χ^2/NDF : 2842998762330216596366474874240106496.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823 +/- 0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

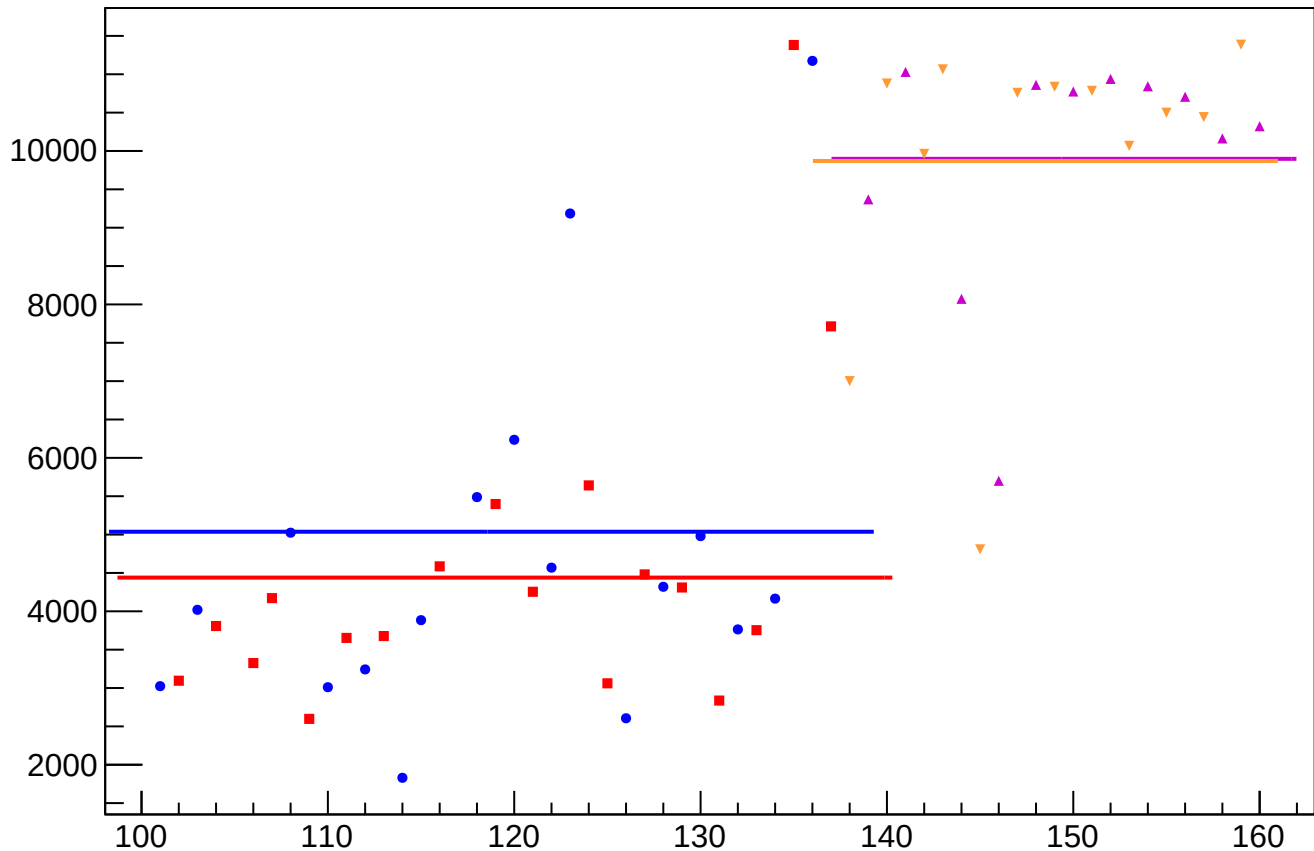
Left In: 1272.495 +/- 0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

All: 1155.825 +/- 0.000 χ^2/NDF : 17736486682

+ sign 1142.906 +/- 0.000 χ^2/NDF : 76037619994785

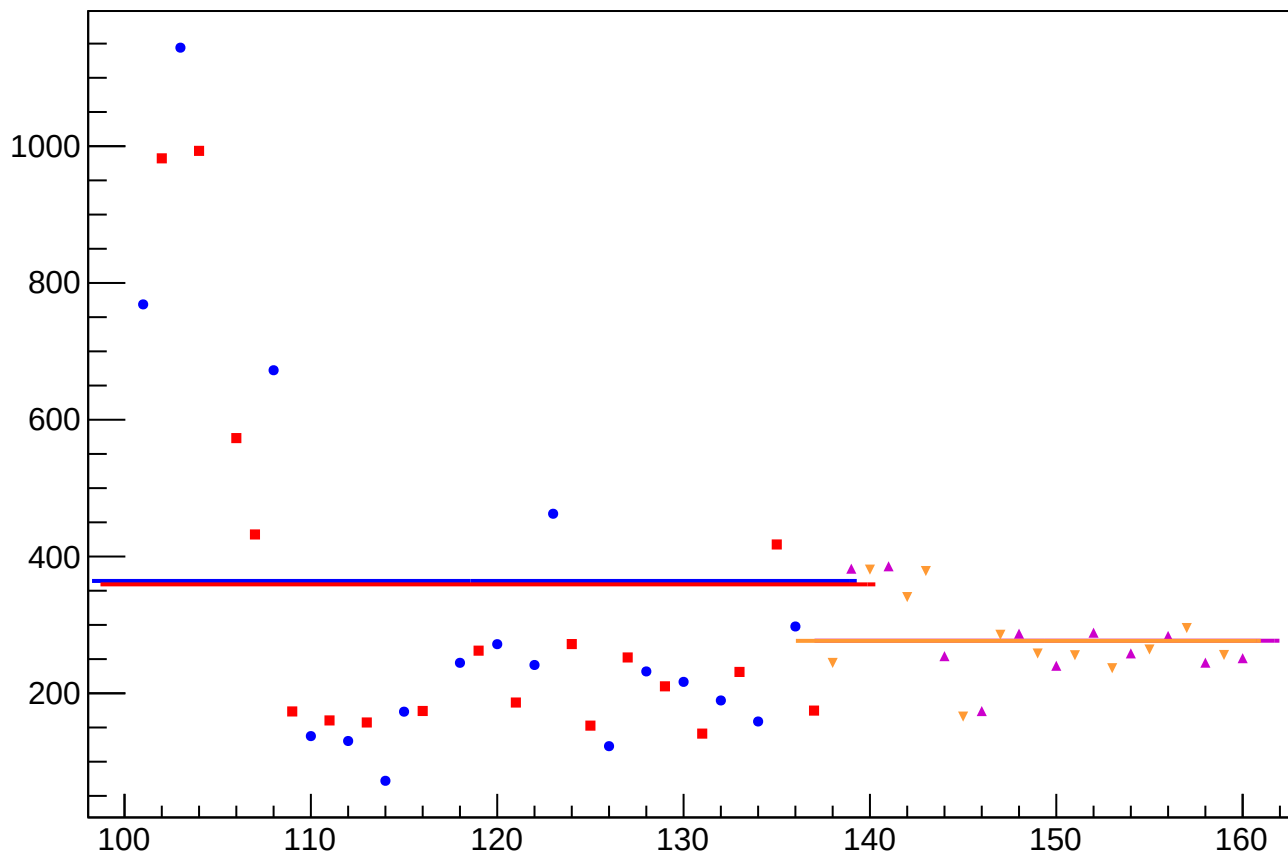
- sign 1168.390 +/- 0.000 χ^2/NDF : 10079953084874

dit_sam3_coil3_mean vs Slug



Right In: 5037.073+/-0.000 χ^2/NDF : 4548828903802726251449084375770641465344.0/16
 Left Out: 9869.728+/-0.000 χ^2/NDF : 3268331225481673138710181152096956448768.0/11
 Right Out: 4439.378+/-0.000 χ^2/NDF : 3162947435976288372848793793706623762432.0/17
 Left In: 9897.674+/-0.000 χ^2/NDF : 2284840032345360361829819012042190749696.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 364.277+/-0.000 χ^2/NDF : 63824164232416453329464402315619336192.0/16

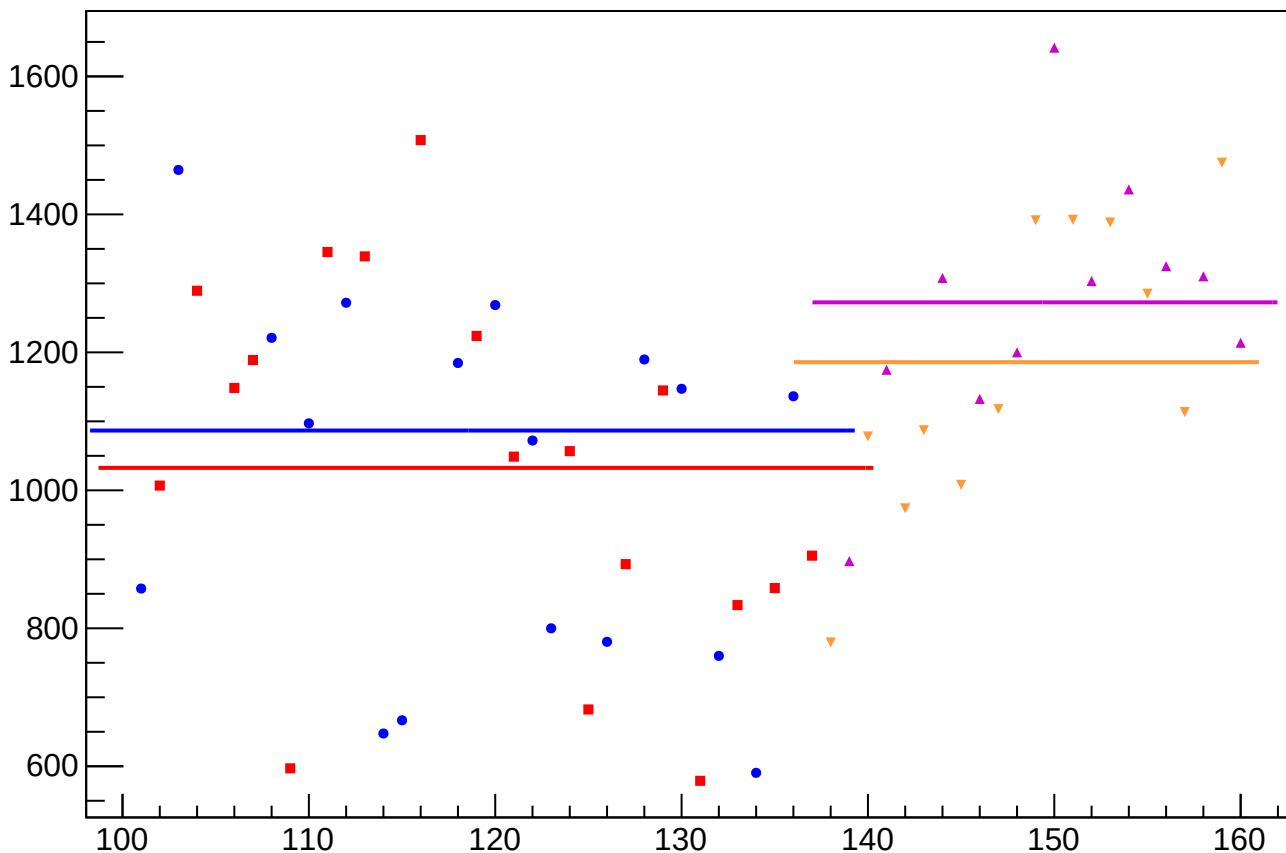
Left Out: 276.695+/-0.000 χ^2/NDF :3092021868462031371777841065866821632.0/11

Right Out: 359.283+/-0.000 χ^2/NDF : 58838911094170702852650084457083043840.0/17

Left In: 276.882+/-0.000 χ^2 /NDF:3143786563000529318336573721943212032.0/10

Left In: 276.882+/-0.000 χ^2/NDF :3143786563000529318336573721943212032.0/10

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

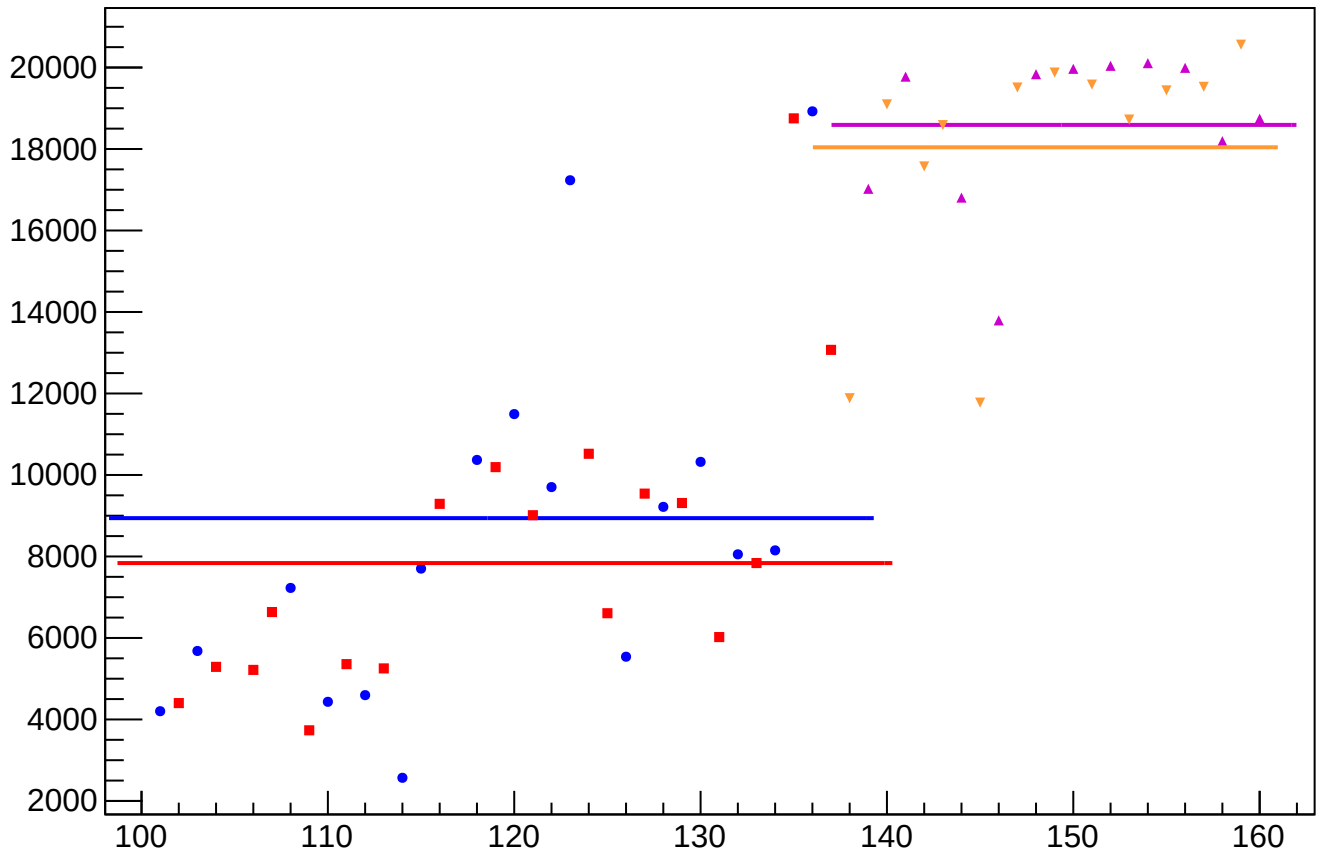
Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

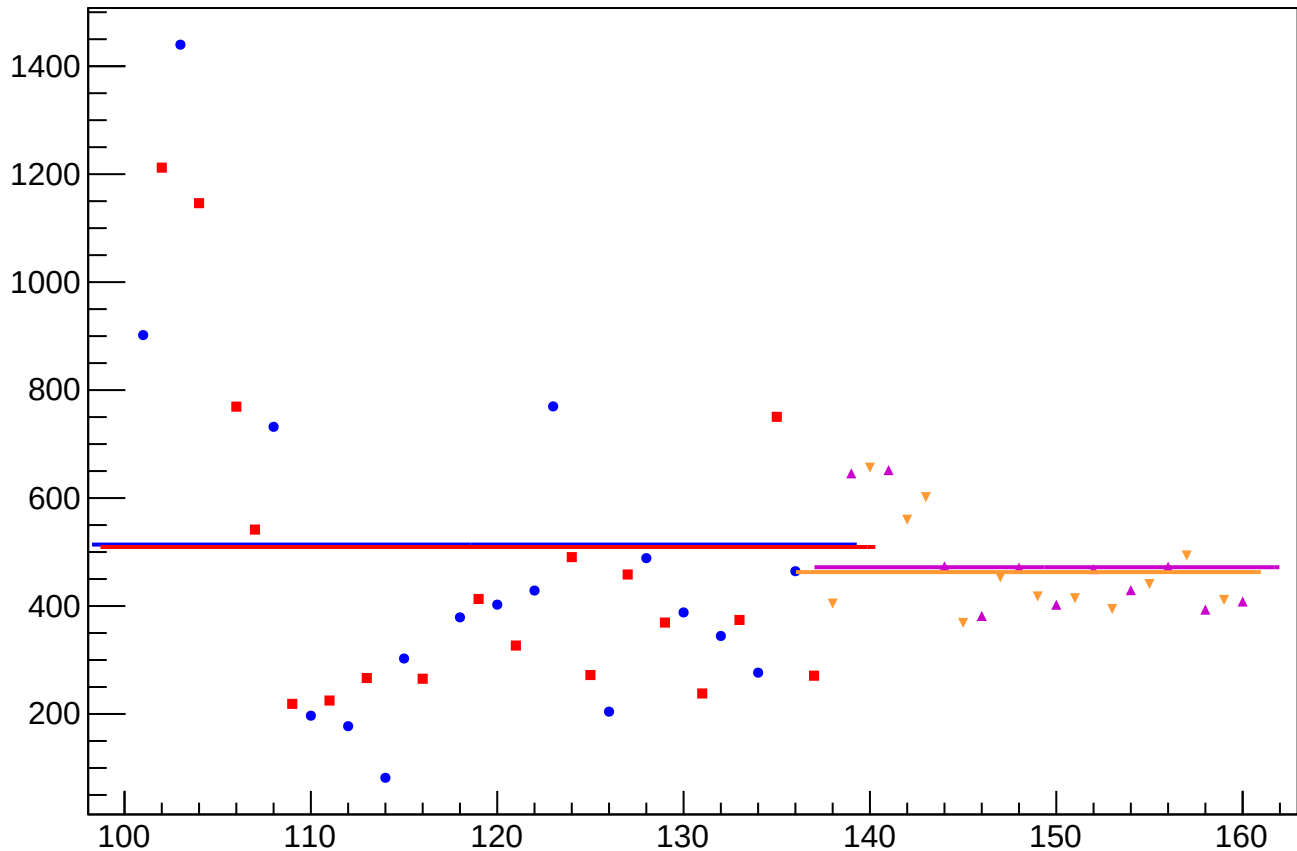
All: 1155.825+/-0.000 χ^2/NDF : 17736486682

dit_sam4_coil3_mean vs Slug



Right In: 8940.709+/-0.000 χ^2/NDF : 14252298982323079680975069701388839682048.0/16
 Left Out: 18042.230+/-0.000 χ^2/NDF : 7640646522897487857135230772113708154880.0/11
 Right Out: 7838.226+/-0.000 χ^2/NDF : 9846913896882704140251290027429415878656.0/17
 Left In: 18591.547+/-0.000 χ^2/NDF : 3373827841621741048896229754913272365056.0/10

dit_sam4_coil3_err_mean vs Slug



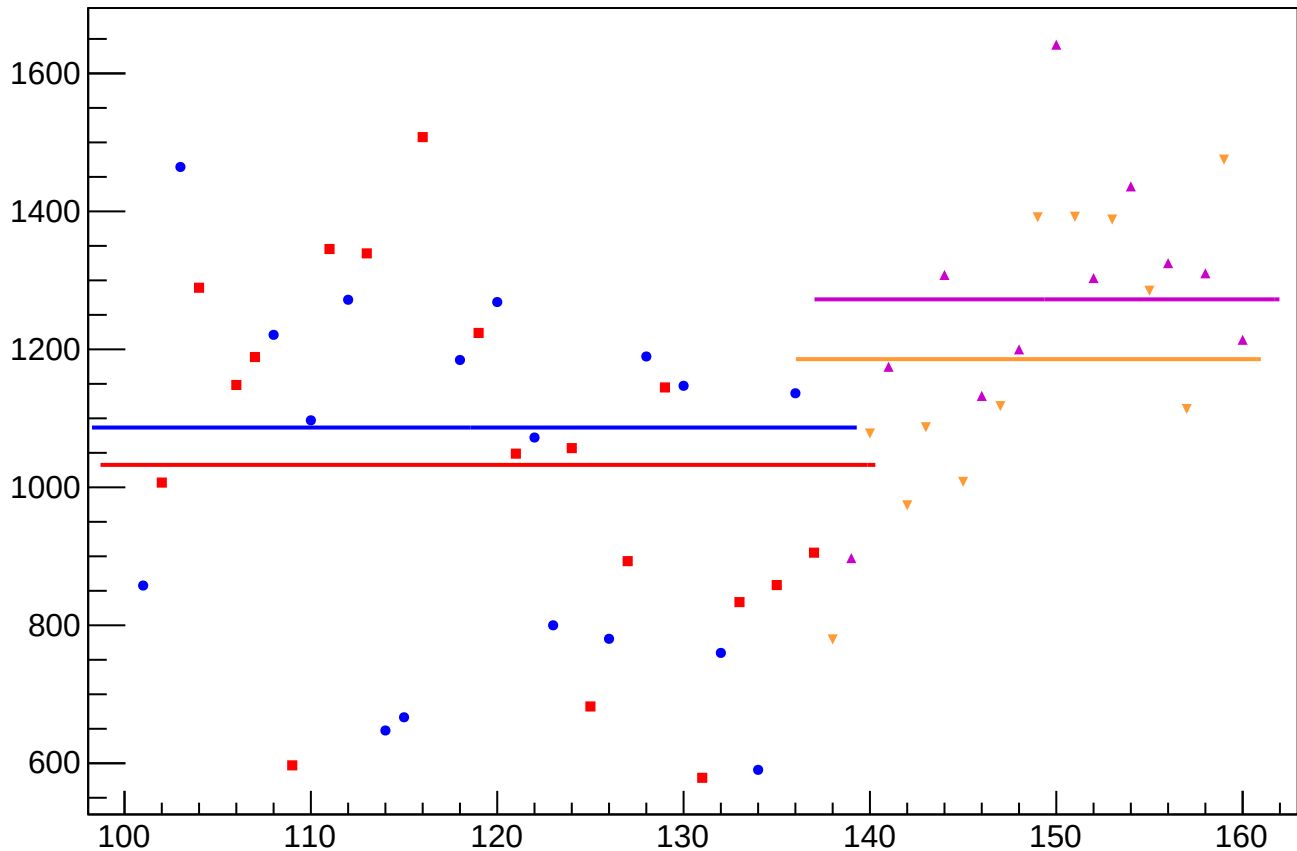
Right In: 513.843+/-0.000 χ^2/NDF : 82523650579604289792107532326249955328.0/16

Left Out: 462.844+/-0.000 χ^2/NDF :6830648525623684817395137022896635904.0/11

Right Out: 509.362+/-0.000 χ^2/NDF : 75678926781858707627162203023281750016.0/17

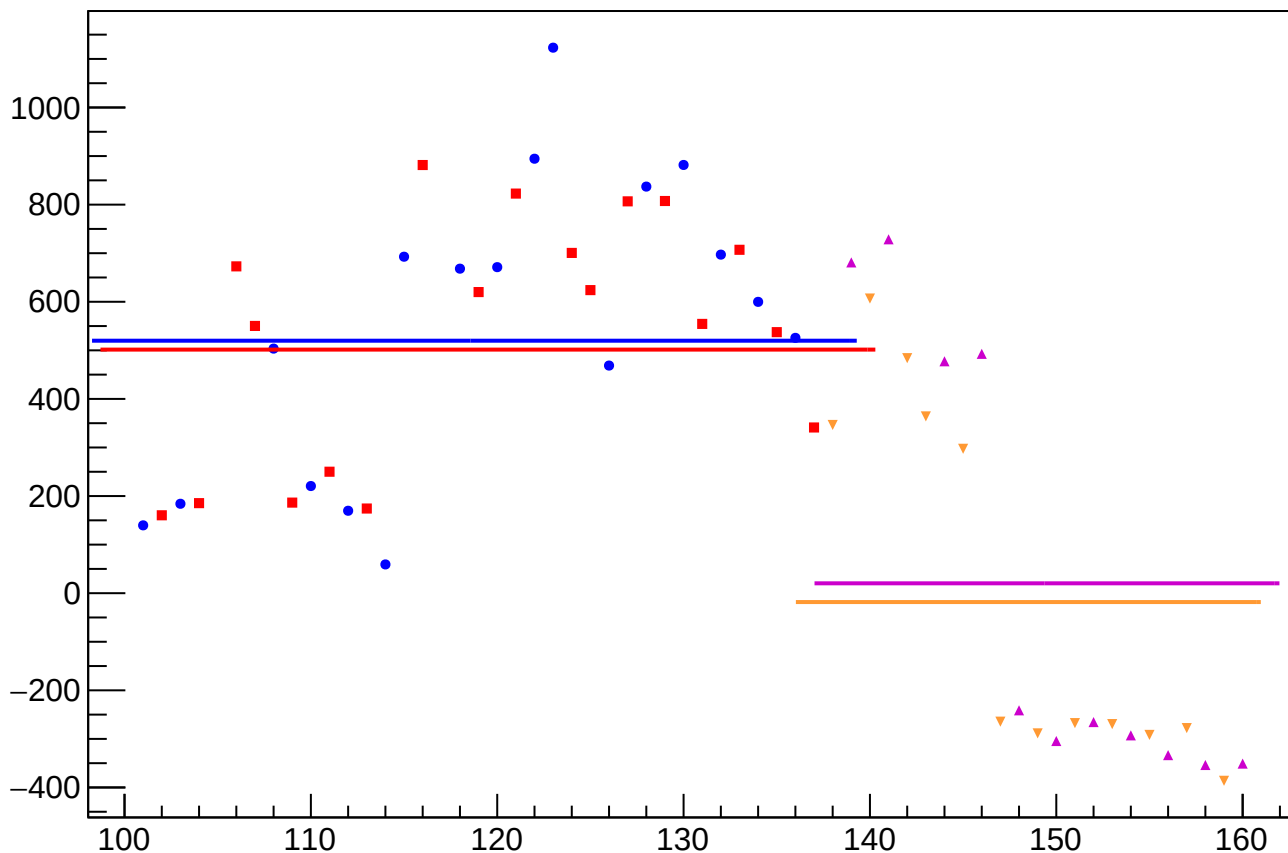
Left In: 471.889+/-0.000 χ^2/NDF : 7312350507184124665031072386098659328.0/10

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 +/- 0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 +/- 0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_sam5_coil3_mean vs Slug



Right In: 519.845+/-0.000 χ^2/NDF : 50391712122122241983004017290687545344.0/16

+ sign 214.715+/-0.000 χ^2/NDF : 278712564493039

Left Out: -18.246+/-0.000 χ^2/NDF : 114374265303636923998653923051335319552.0/11

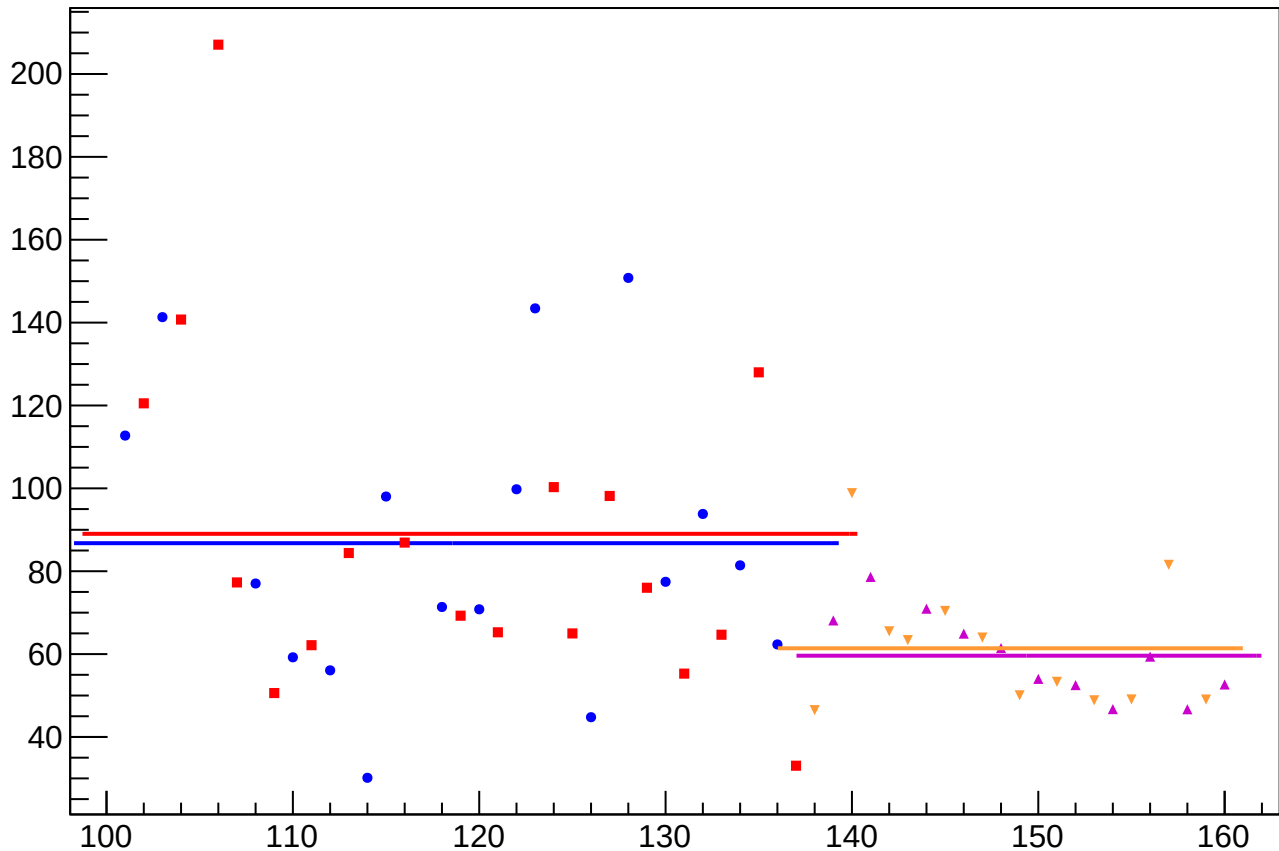
All: 222.007+/-0.000 χ^2/NDF : 597278728263

Right Out: 501.527+/-0.000 χ^2/NDF : 45593938816418547057443342639695921152.0/17

- sign 229.100+/-0.000 χ^2/NDF : 318398000001888

Left In: 20.328+/-0.000 χ^2/NDF : 179073709967558112986870071766256975872.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 86.768+/-0.000 χ^2/NDF : 727044528904958232730586242846031872.0/16

Left Out: 61.403+/-0.000 χ^2/NDF : 223902255538930337202441578161897472.0/11

Right Out: 89.028+/-0.000 χ^2/NDF : 1014702057025769592460755223634247680.0/17

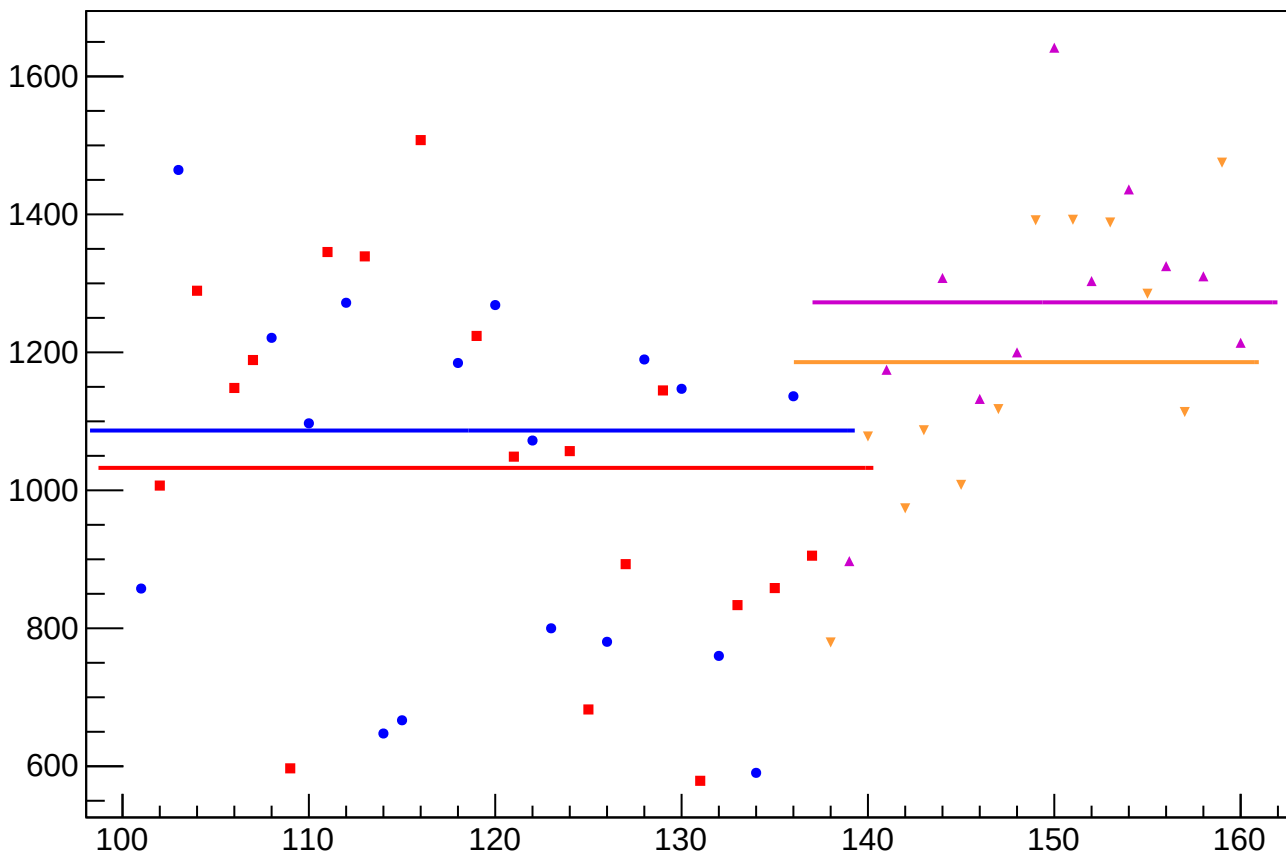
Left In: 59.611+/-0.000 χ^2/NDF : 90277020610973878591704182850322432.0/10

+ sign 72.384+/-0.000 χ^2/NDF : 1204145407859687

All: 72.379+/-0.000 χ^2/NDF : 2659416943751

- sign 72.374+/-0.000 χ^2/NDF : 1455271447529364

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

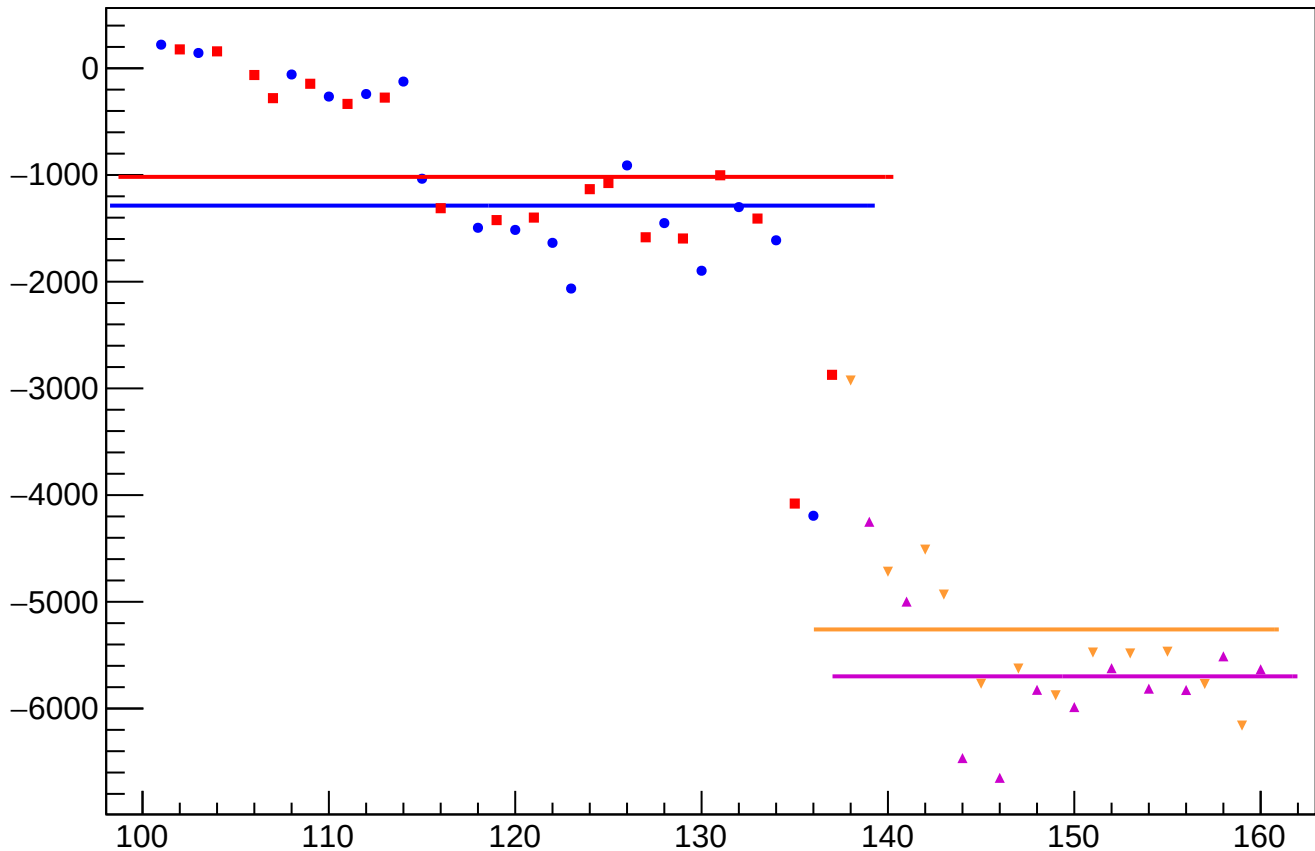
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

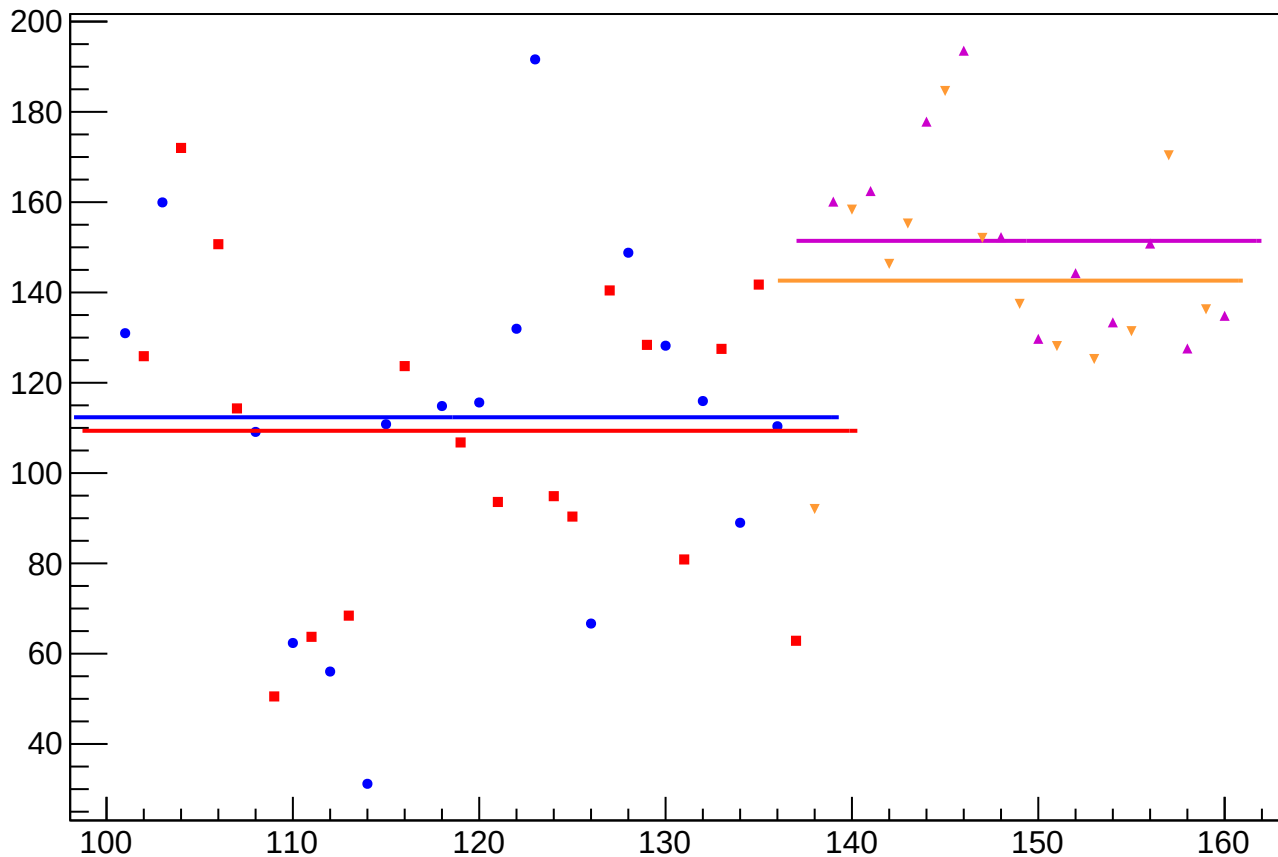
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam6_coil3_mean vs Slug



Right In: -1287.018+/-0.000	χ^2/NDF : 1204676715439313496734702006985495150592.0/16
Left Out: -5258.932+/-0.000	χ^2/NDF : 639767885689374953846002118656698351616.0/11
Right Out: -1017.680+/-0.000	χ^2/NDF : 852354346622995689266162288487263371264.0/17
Left In: -5698.540+/-0.000	χ^2/NDF : 354071828835191382316642971835621703680.0/10
+ sign -3539.339+/-0.000 χ^2/NDF : 8052986737379	
All: -3604.411+/-0.000 χ^2/NDF : 1814194905	
- sign -3667.706+/-0.000 χ^2/NDF : 10075572274658	

dit_sam6_coil3_err_mean vs Slug



Right In: 112.364 $\pm$ 0.000 χ^2 /NDF: 704132882376699060399654305188020224.0/16

Left Out: 142.624 $\pm$ 0.000 χ^2 /NDF: 490075896728839516785223596523913216.0/11

Right Out: 109.364 $\pm$ 0.000 χ^2 /NDF: 838845293661778137888588246433136640.0/17

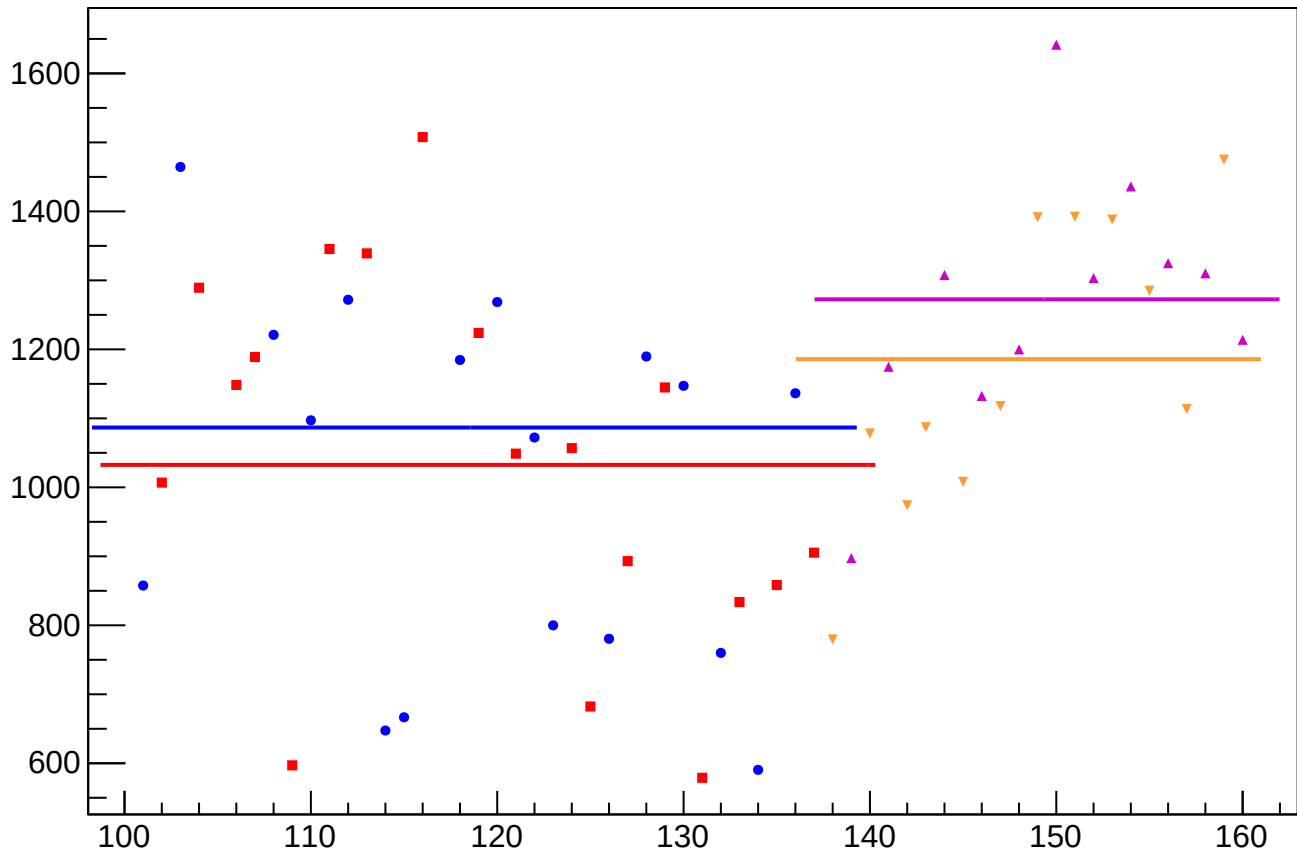
Left In: 151.432 $\pm$ 0.000 χ^2 /NDF: 371010449971260656611055665401561088.0/10

+ sign 129.523 $\pm$ 0.000 χ^2 /NDF: 155456813034748

All: 131.377 $\pm$ 0.000 χ^2 /NDF: 34916677428

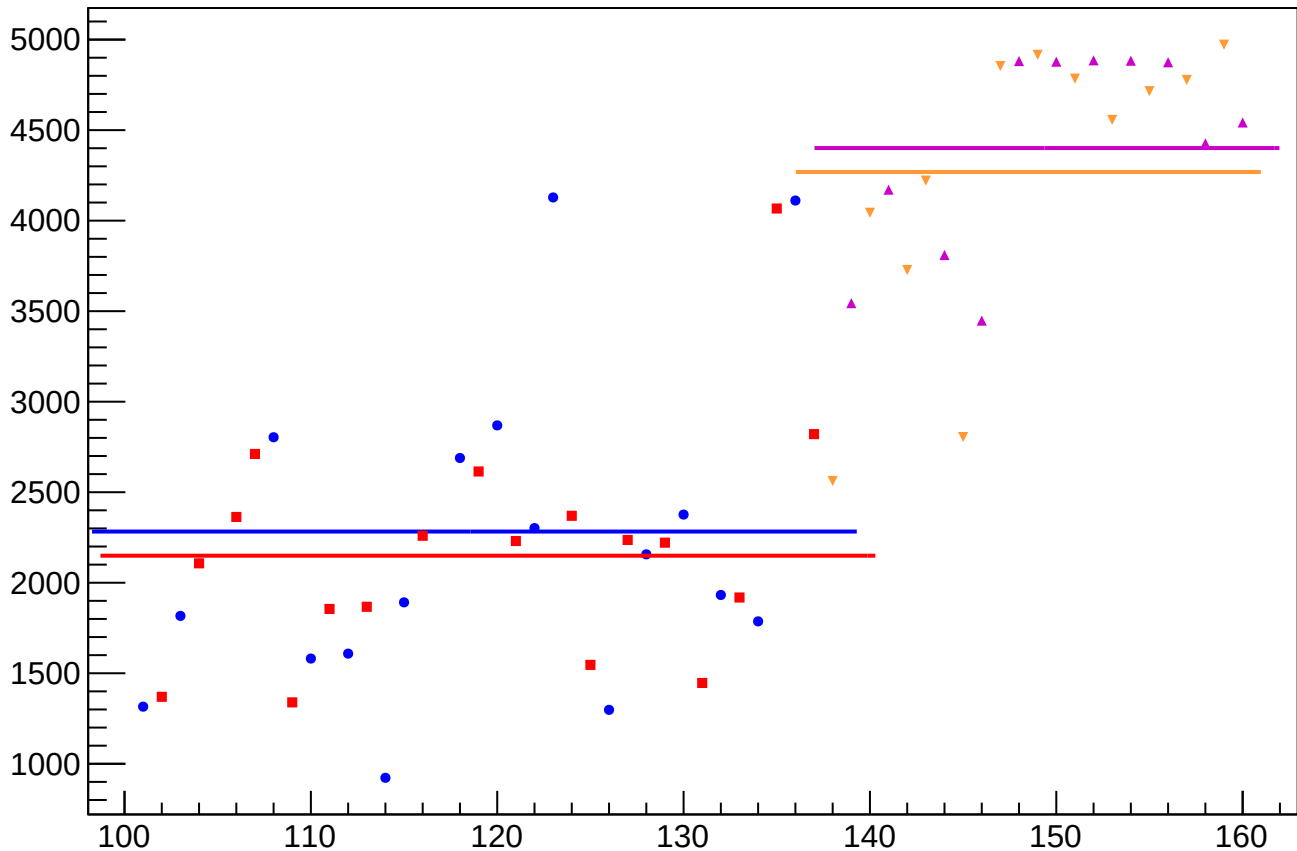
- sign 133.180 $\pm$ 0.000 χ^2 /NDF: 192623154221425

dit_sam6_coil3_Ndata_mean vs Slug



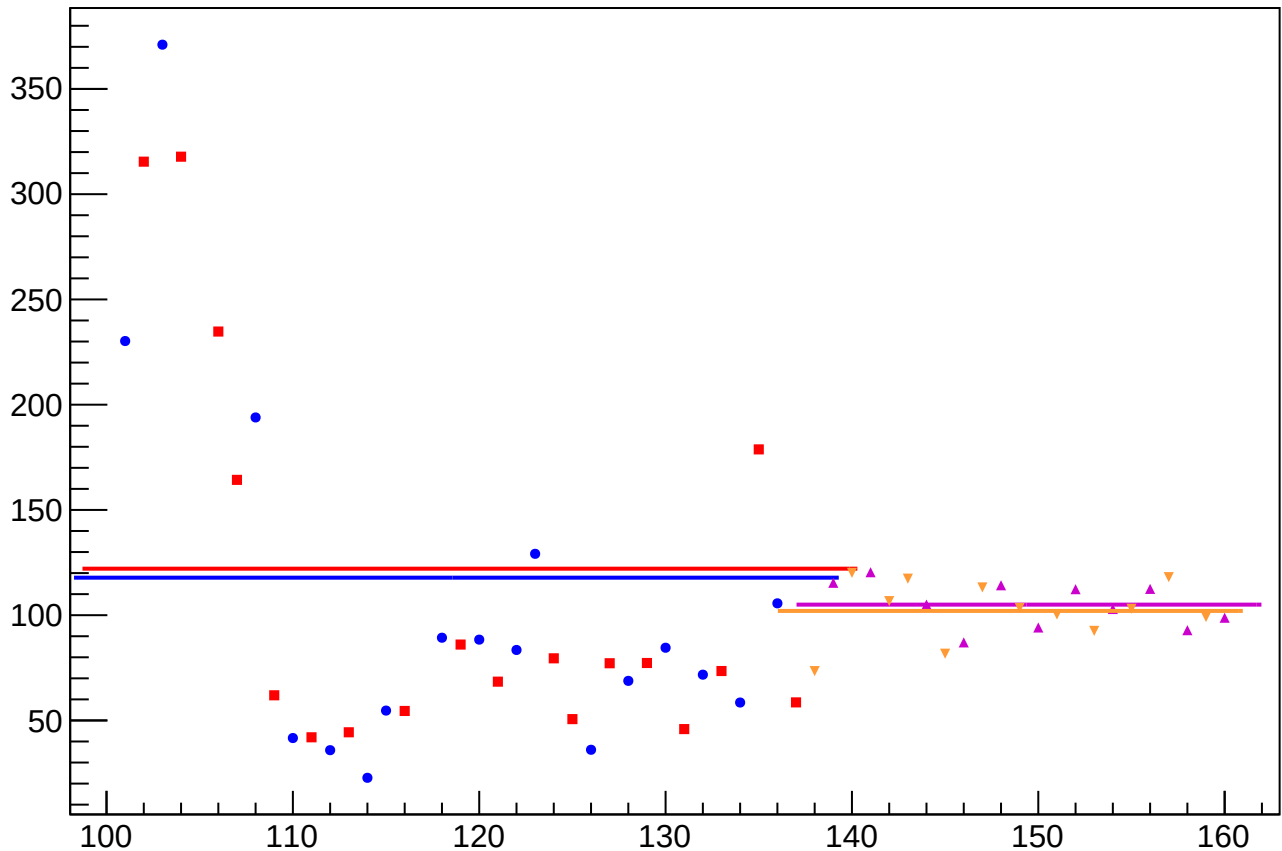
Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1142.906+/-0.000	χ^2/NDF : 76037619994785
Left Out: 1185.823+/-0.000	χ^2/NDF : 37557683033316568818198536296895348736.0/11	All: 1155.825+/-0.000	χ^2/NDF : 17736486682
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1168.390+/-0.000	χ^2/NDF : 10079953084874
Left In: 1272.495+/-0.000	χ^2/NDF : 29878198288838193261445678233542459392.0/10		

dit_sam7_coil3_mean vs Slug



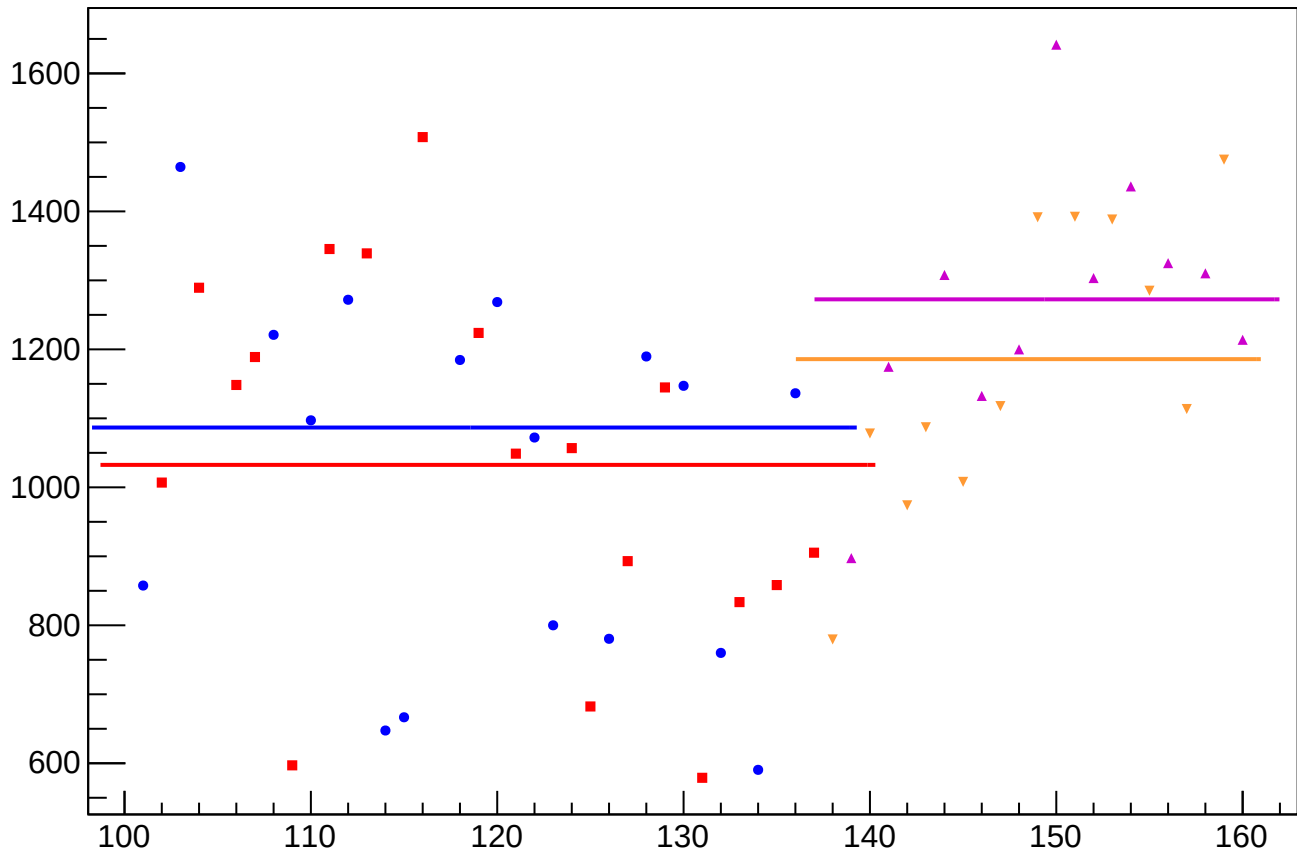
Right In: 2282.778+/-0.000	χ^2/NDF : 521869333583833068444115371437594771456.0/16	+ sign 3408.873+/-0.000	χ^2/NDF : 26501985285389
Left Out: 4268.620+/-0.000	χ^2/NDF : 576373438836983826408088908187698200576.0/11	All: 3416.605+/-0.000	χ^2/NDF : 52945556048
Right Out: 2149.386+/-0.000	χ^2/NDF : 320631411360836158094549979591860027392.0/17	- sign 3424.125+/-0.000	χ^2/NDF : 26441680407788
Left In: 4401.016+/-0.000	χ^2/NDF : 271313470445828573503909403246788083712.0/10		

dit_sam7_coil3_err_mean vs Slug



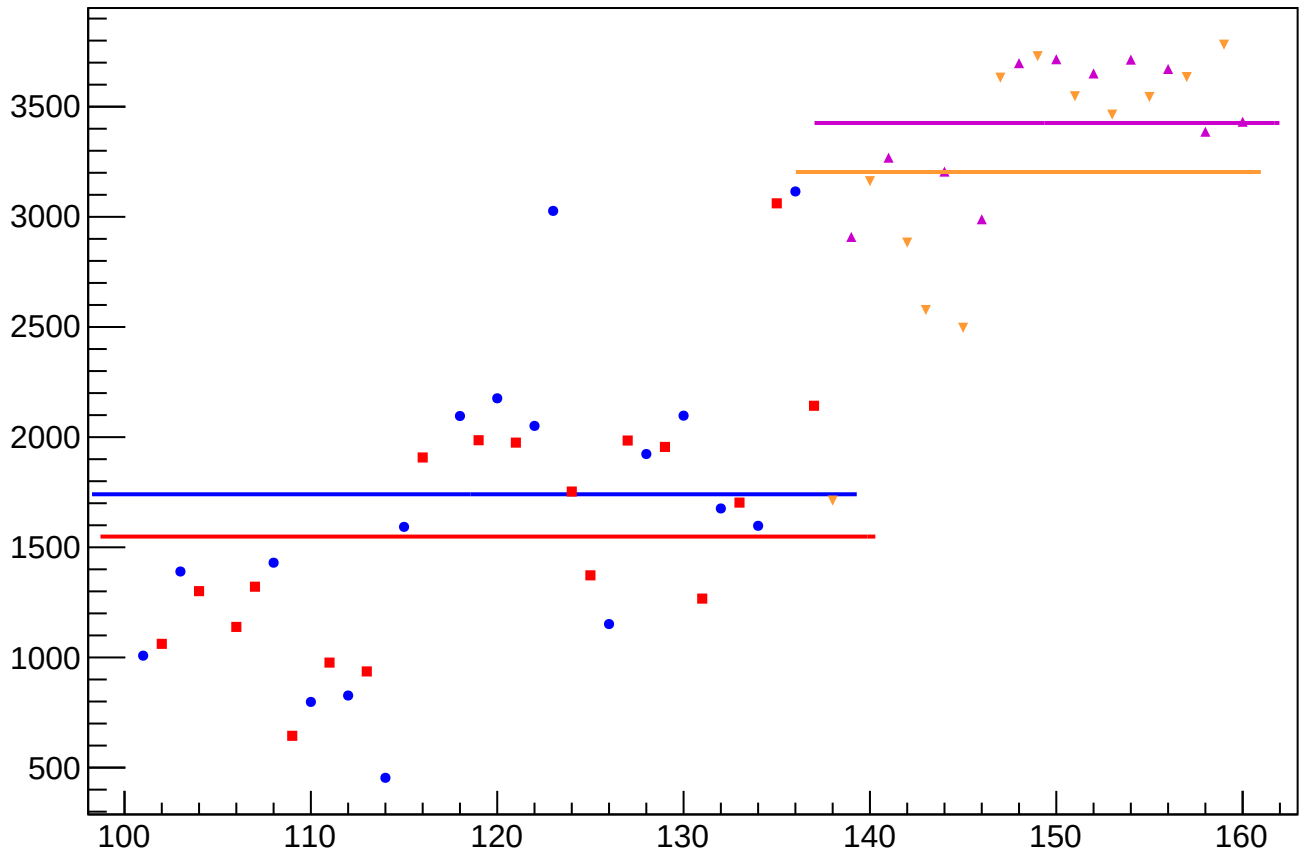
Right In: 117.825 ± 0.000 χ^2/NDF : 6199421197695716182570916449760575488.0/16
 Left Out: 102.028 ± 0.000 χ^2/NDF : 177124098717282134999436009607790592.0/11
 Right Out: 122.099 ± 0.000 χ^2/NDF : 6546124684147045667679194482005245952.0/17
 Left In: 105.016 ± 0.000 χ^2/NDF : 98103905520424947900201643718737920.0/10

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

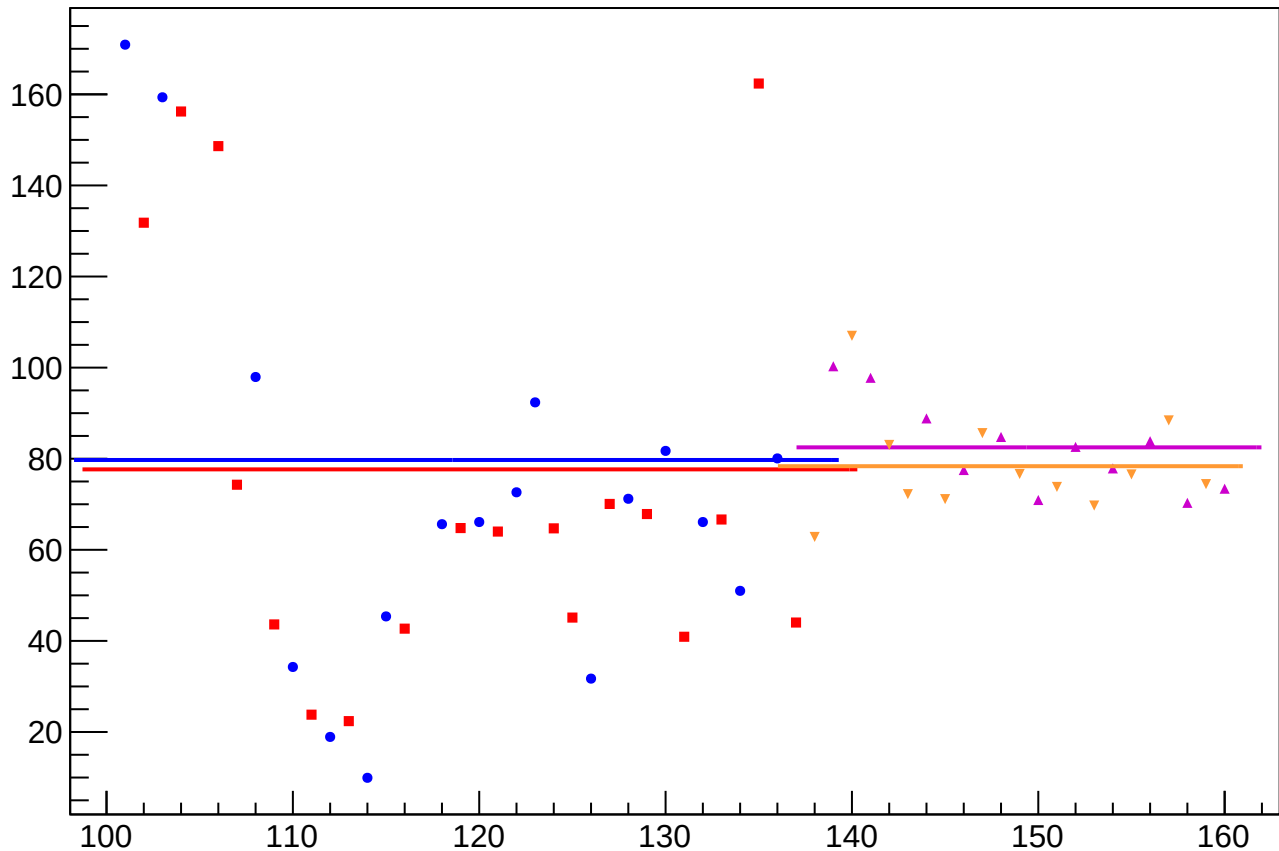
dit_sam8_coil3_mean vs Slug



Right In: 1740.720+/-0.000 χ^2/NDF : 348962001897552007024222547428010622976.0/16
 Left Out: 3203.449+/-0.000 χ^2/NDF : 345784551251095236762093437118983438336.0/11
 Right Out: 1548.740+/-0.000 χ^2/NDF : 255013280564316736413287354207314116608.0/17
 Left In: 3426.091+/-0.000 χ^2/NDF : 74472499127256765634021143910696353792.0/10

+ sign 2570.178+/-0.000 χ^2/NDF : 15367580317098
 All: 2591.168+/-0.000 χ^2/NDF : 32942998363
 - sign 2611.585+/-0.000 χ^2/NDF : 17561485835715

dit_sam8_coil3_err_mean vs Slug



Right In: 79.722 ± 0.000 χ^2/NDF : 1349884201001122025991797772619087872.0/16

+ sign 78.947 ± 0.000 χ^2/NDF : 1465514520750782

Left Out: 78.356 ± 0.000 χ^2/NDF : 114896120803259231895139298203140096.0/11

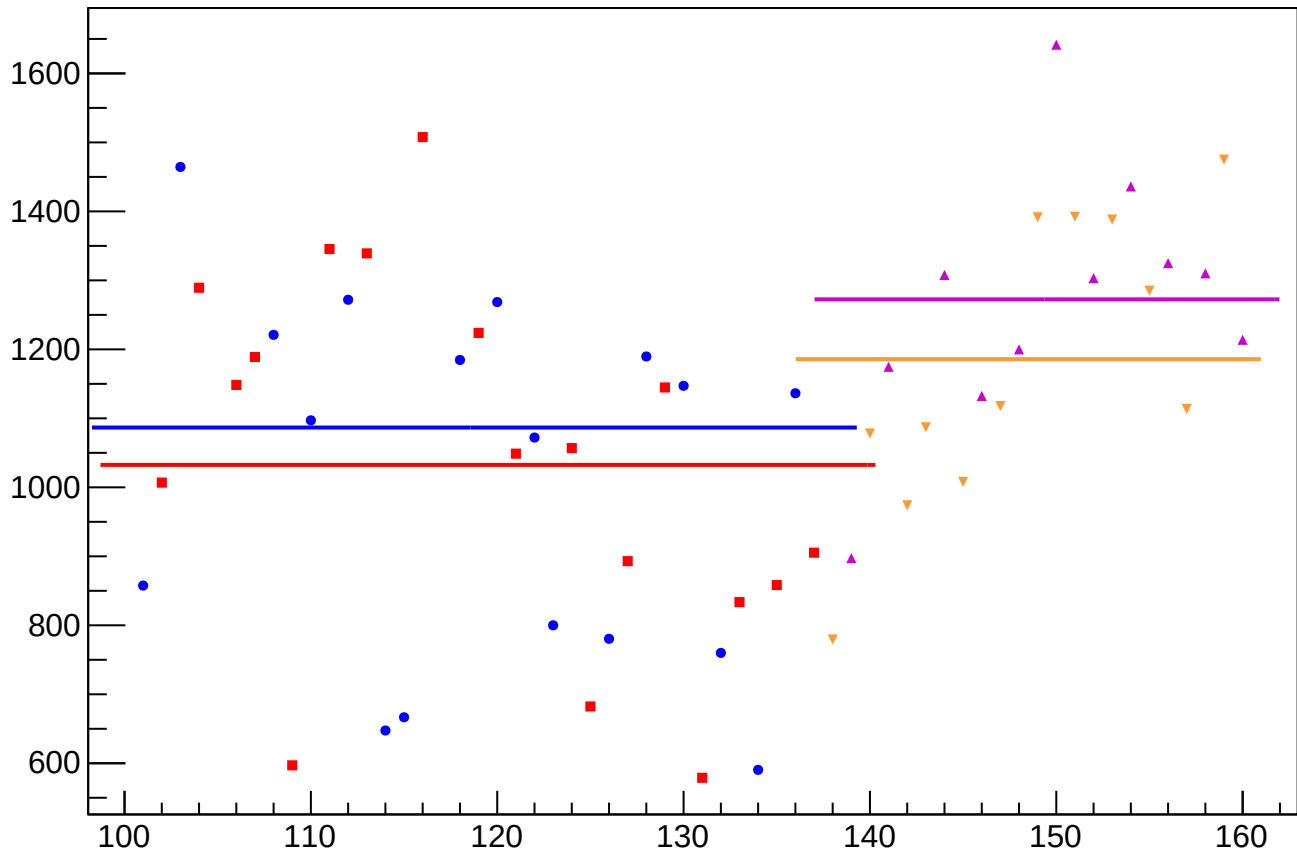
All: 79.681 ± 0.000 χ^2/NDF : 3045128611296

Right Out: 77.658 ± 0.000 χ^2/NDF : 1483793243606577649503828870787235840.0/17

- sign 80.396 ± 0.000 χ^2/NDF : 1577908853053275

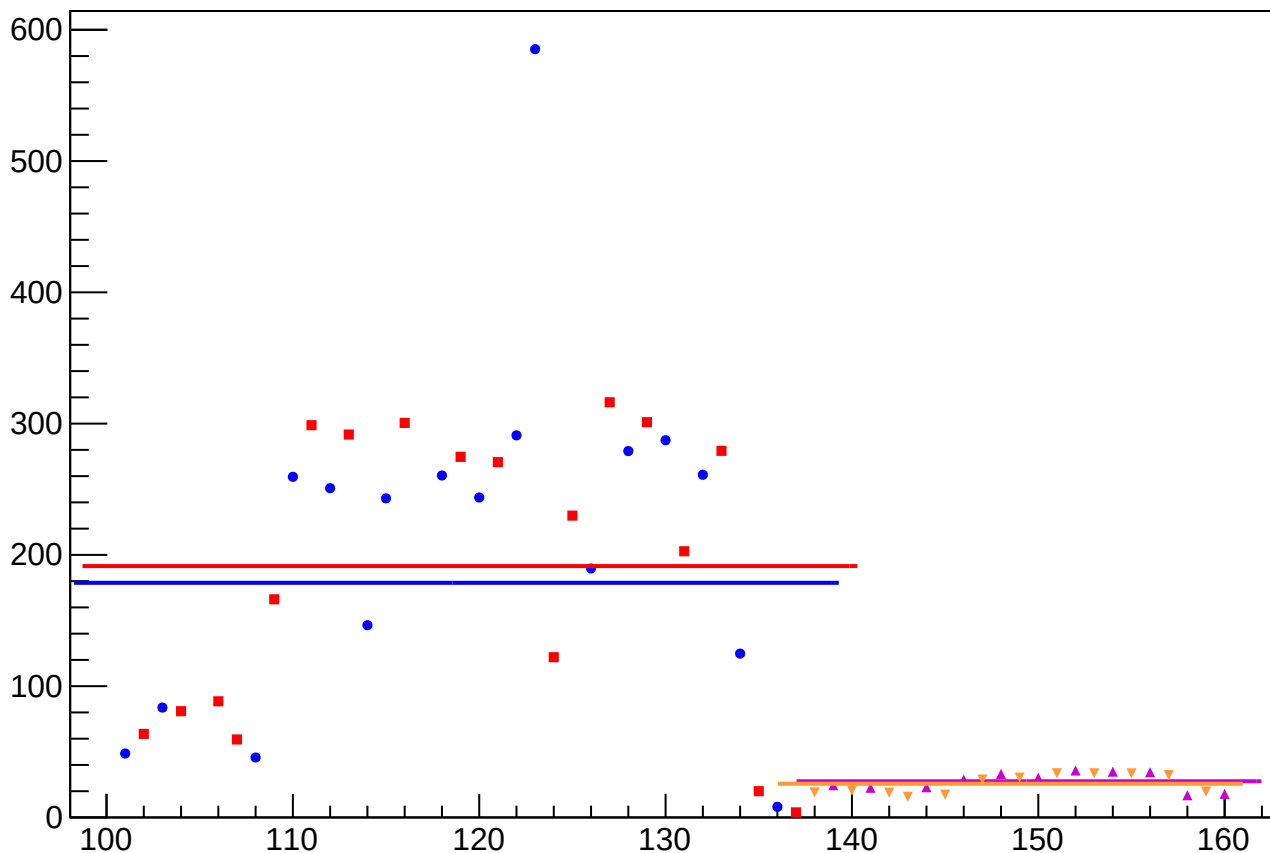
Left In: 82.494 ± 0.000 χ^2/NDF : 84649934677405665053102578448990208.0/10

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_4aX_coil7_mean vs Slug



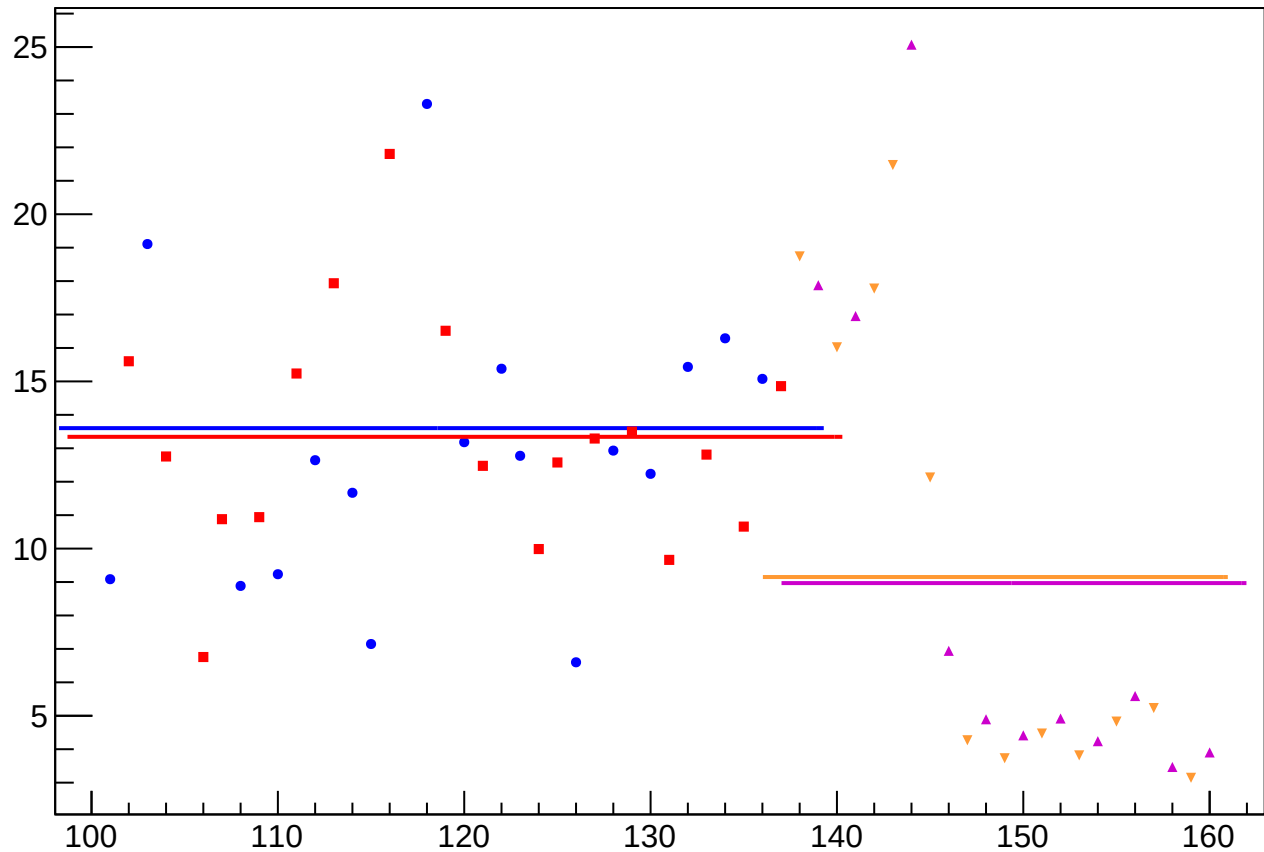
Right In: 178.734+/-0.000 χ^2/NDF : 8494804765562228204327834177712947200.0/16

Left Out: 25.670+/-0.000 χ^2/NDF : 43615942339742127541727339141398528.0/11

Right Out: 191.483+/-0.000 χ^2/NDF : 8150461362250913614126902389436841984.0/17

Left In: 27.579+/-0.000 χ^2/NDF : 39364281565589269782784177585782784.0/10

dit_4aX_coil7_err_mean vs Slug



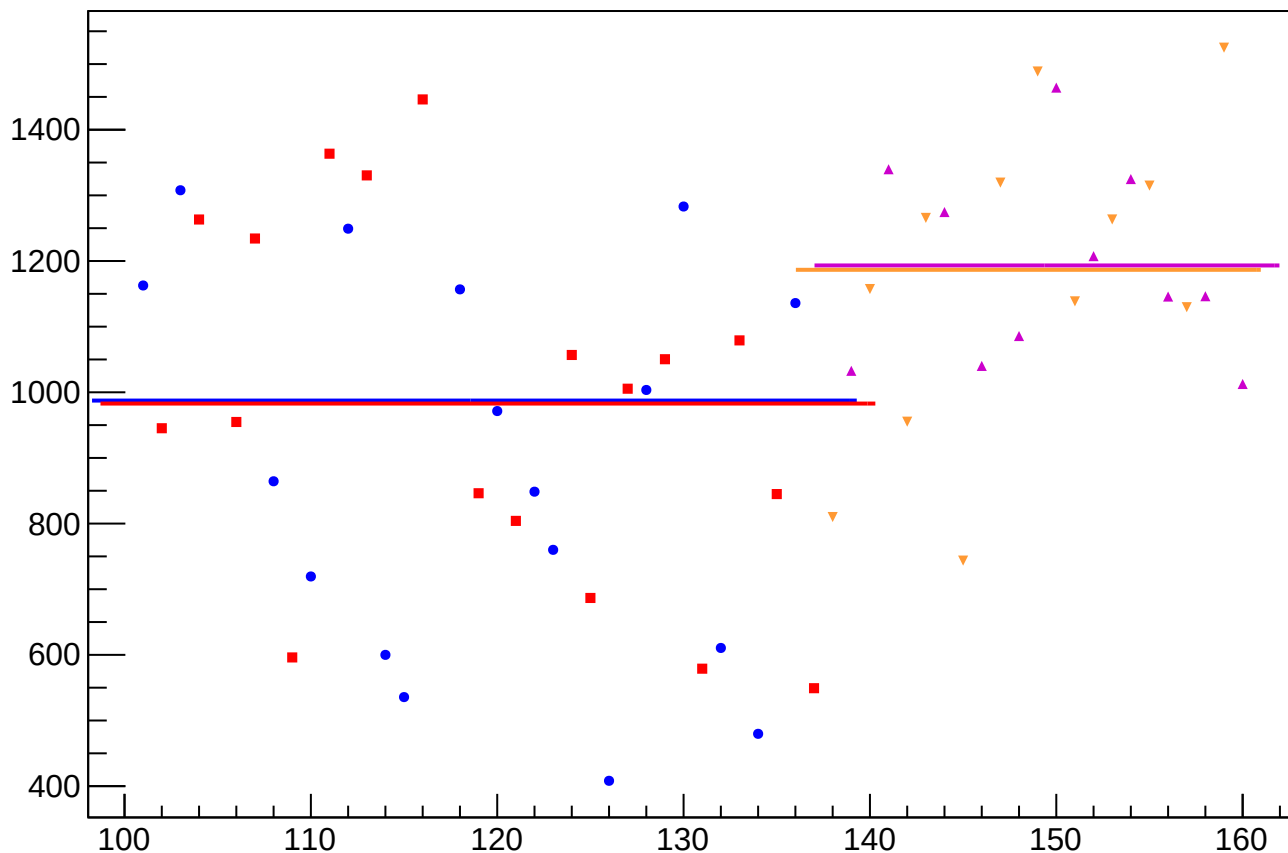
Right In: 13.603+/-0.000 χ^2/NDF : 12735243270159378009596948914372608.0/16

Left Out: 9.150+/-0.000 χ^2/NDF : 39277872742254074386096302311079936.0/11

Right Out: 13.343+/-0.000 χ^2/NDF : 6808158047357444632184742387646464.0/17

Left In: 8.968+/-0.000 χ^2/NDF : 47457578467091168331445311669010432.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

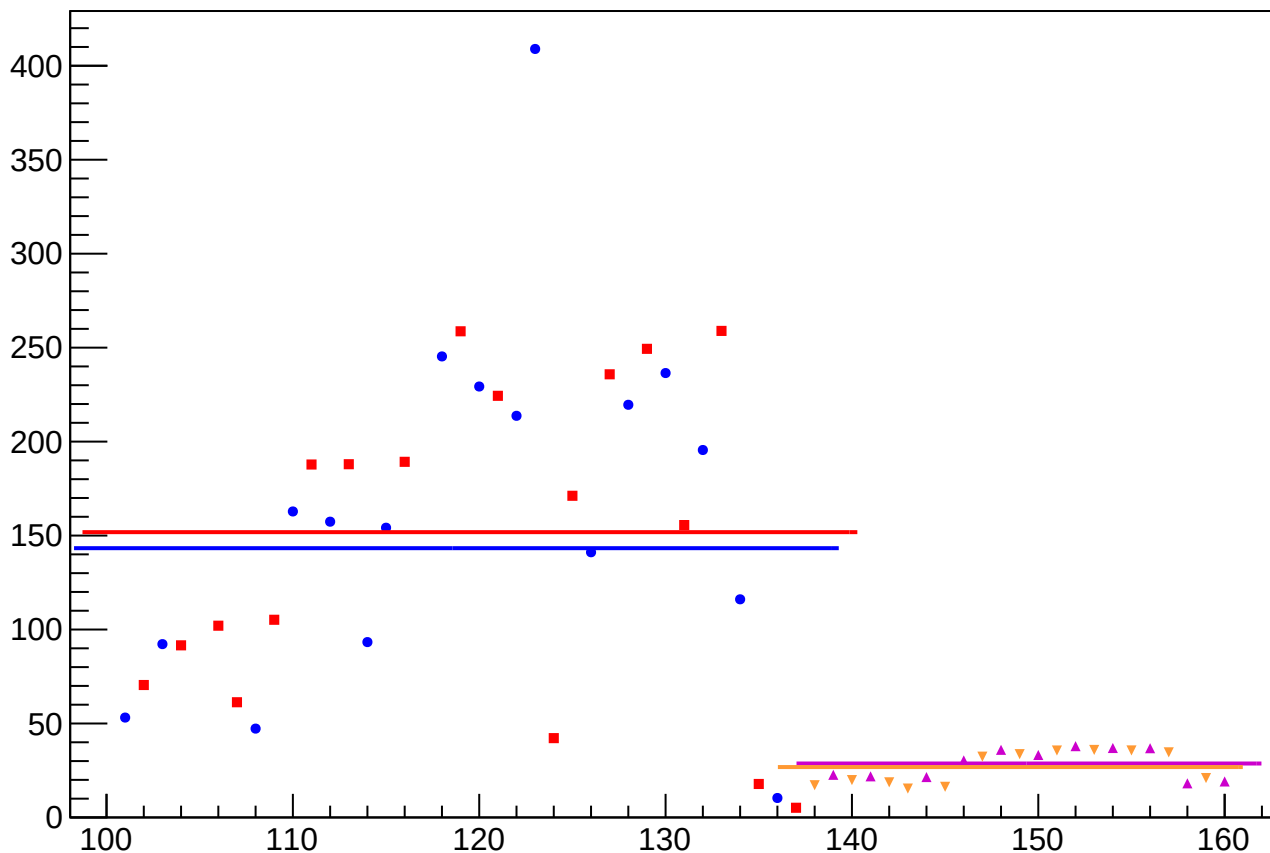
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4eX_coil7_mean vs Slug



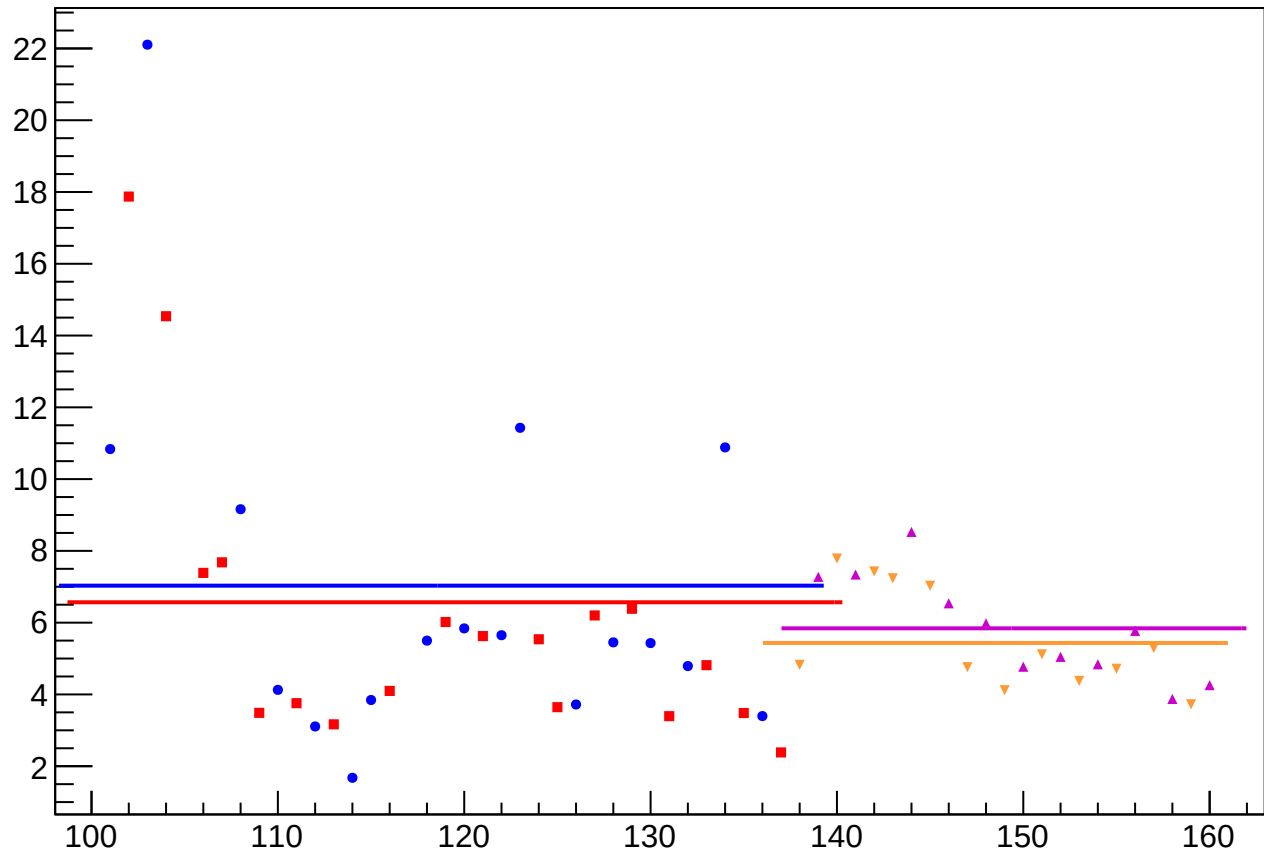
Right In: 143.291+/-0.000 χ^2/NDF : 4778890435983165530583685149403119616.0/16

Left Out: 26.816+/-0.000 χ^2/NDF : 64568009381250036040665945578930176.0/11

Right Out: 151.819+/-0.000 χ^2/NDF : 4652479354515348530637943017457057792.0/17

Left In: 28.706+/-0.000 χ^2/NDF : 53446645713086882216161894618628096.0/10

dit_4eX_coil7_err_mean vs Slug



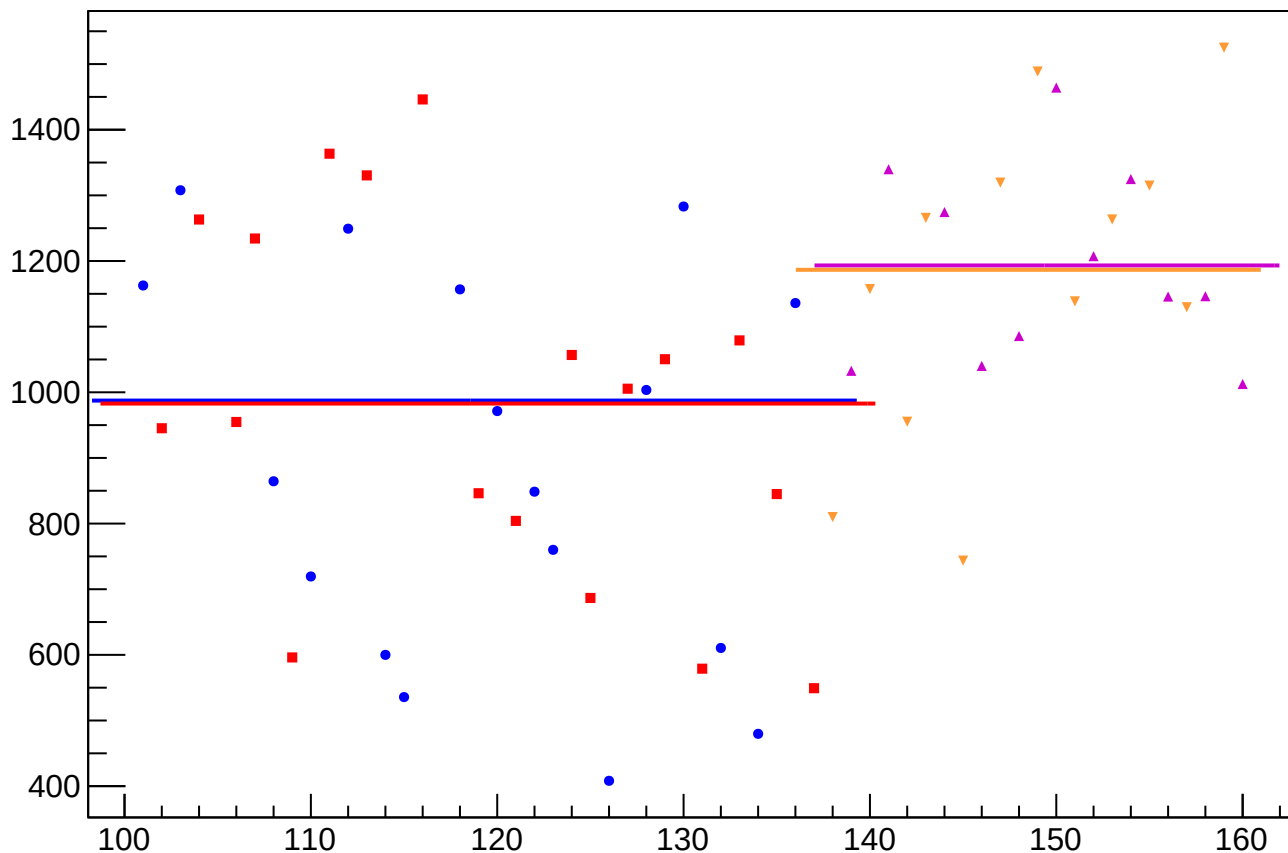
Right In: 7.031+/-0.000 χ^2/NDF : 18686972393169306014765519518826496.0/16

Left Out: 5.434+/-0.000 χ^2/NDF : 1641961615493557983490036107051008.0/11

Right Out: 6.568+/-0.000 χ^2/NDF : 13908005278630821419370553666437120.0/17

Left In: 5.842+/-0.000 χ^2/NDF : 1812226966420315112479835300036608.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

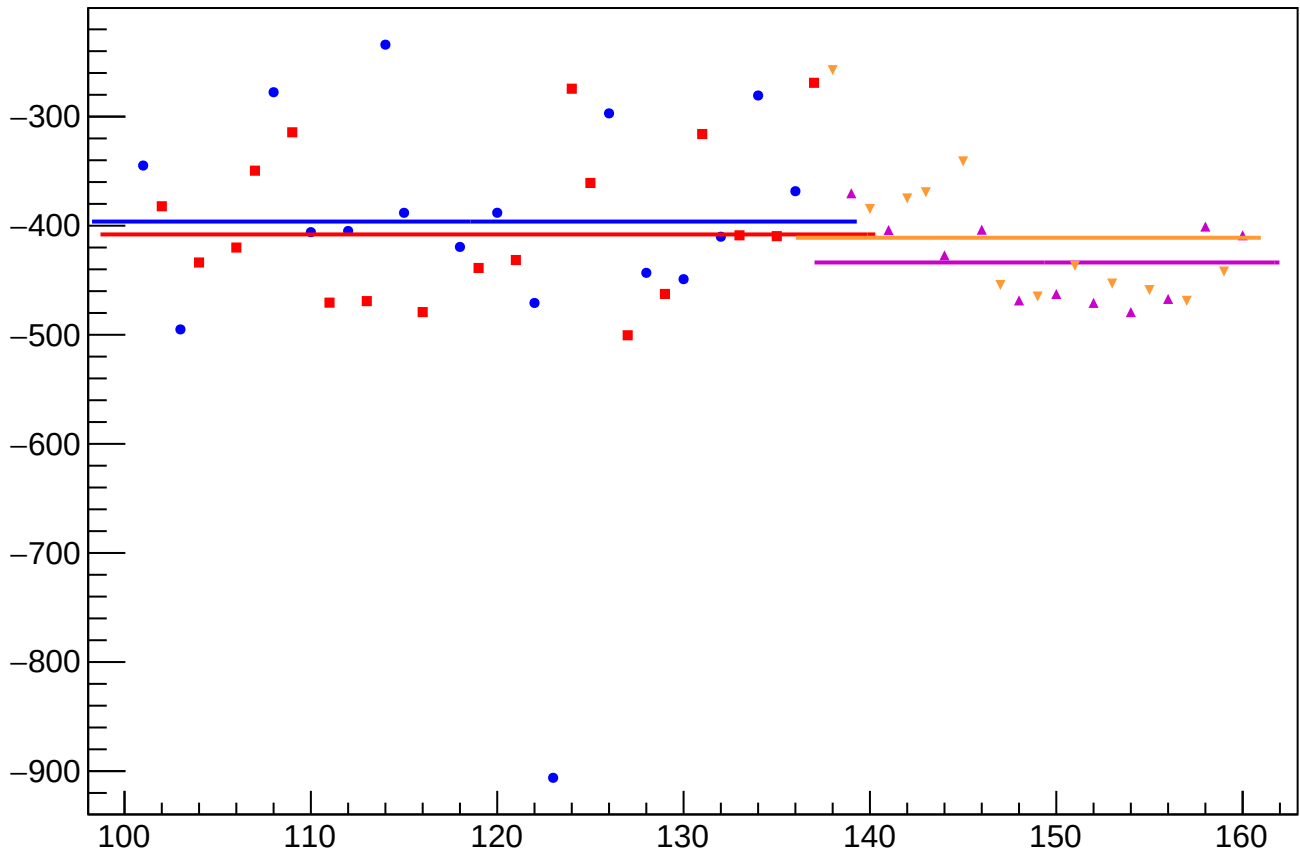
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_11X12X_coil7_mean vs Slug



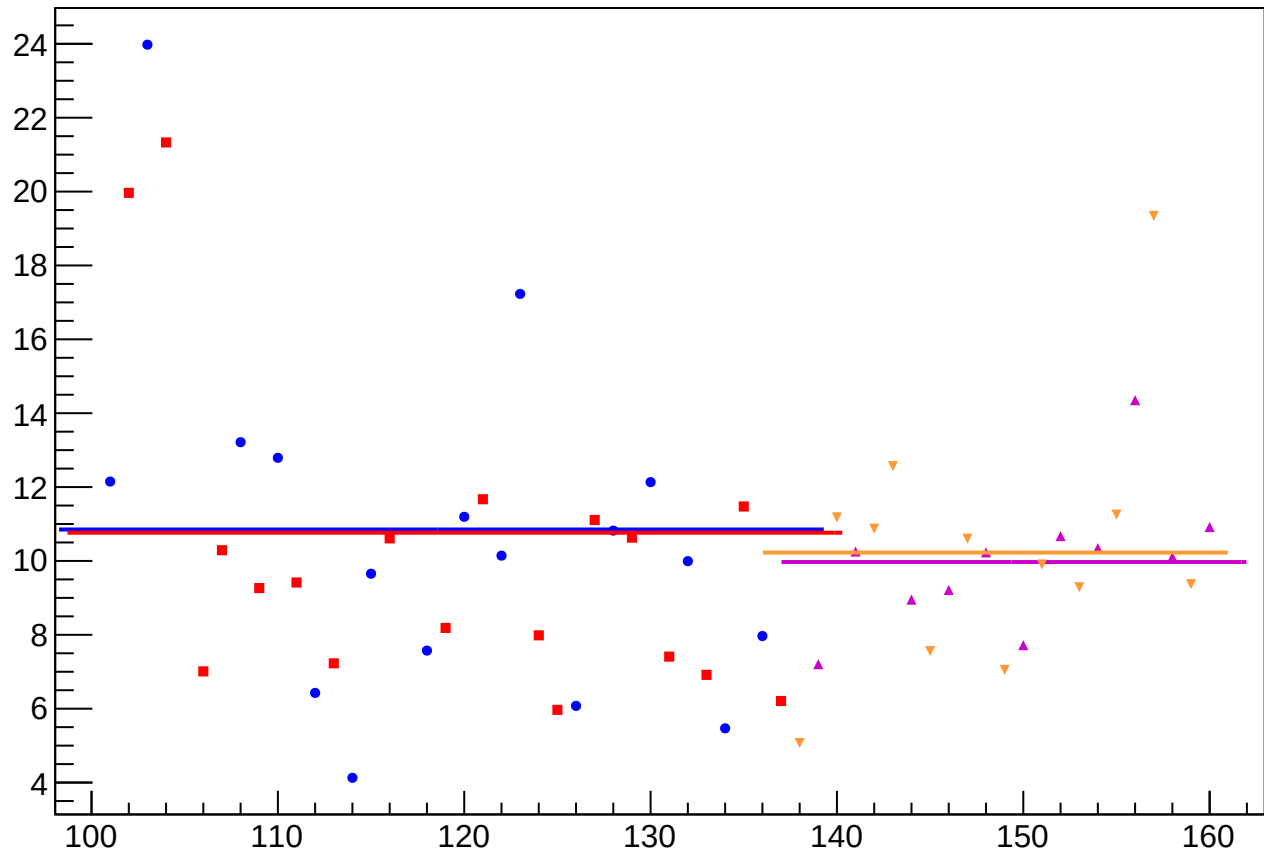
Right In: -396.205+/-0.000 χ^2/NDF : 3915339787327324310697642459645607936.0/16

Left Out: -411.042+/-0.000 χ^2/NDF : 3555989077784945680272383641089212416.0/11

Right Out: -408.004+/-0.000 χ^2/NDF : 2700413725595197389596215208912617472.0/17

Left In: -433.711+/-0.000 χ^2/NDF : 1189526132627930234621779098826964992.0/10

dit_11X12X_coil7_err_mean vs Slug



Right In: 10.851+/-0.000 χ^2/NDF : 15284459899452545966128799384862720.0/16

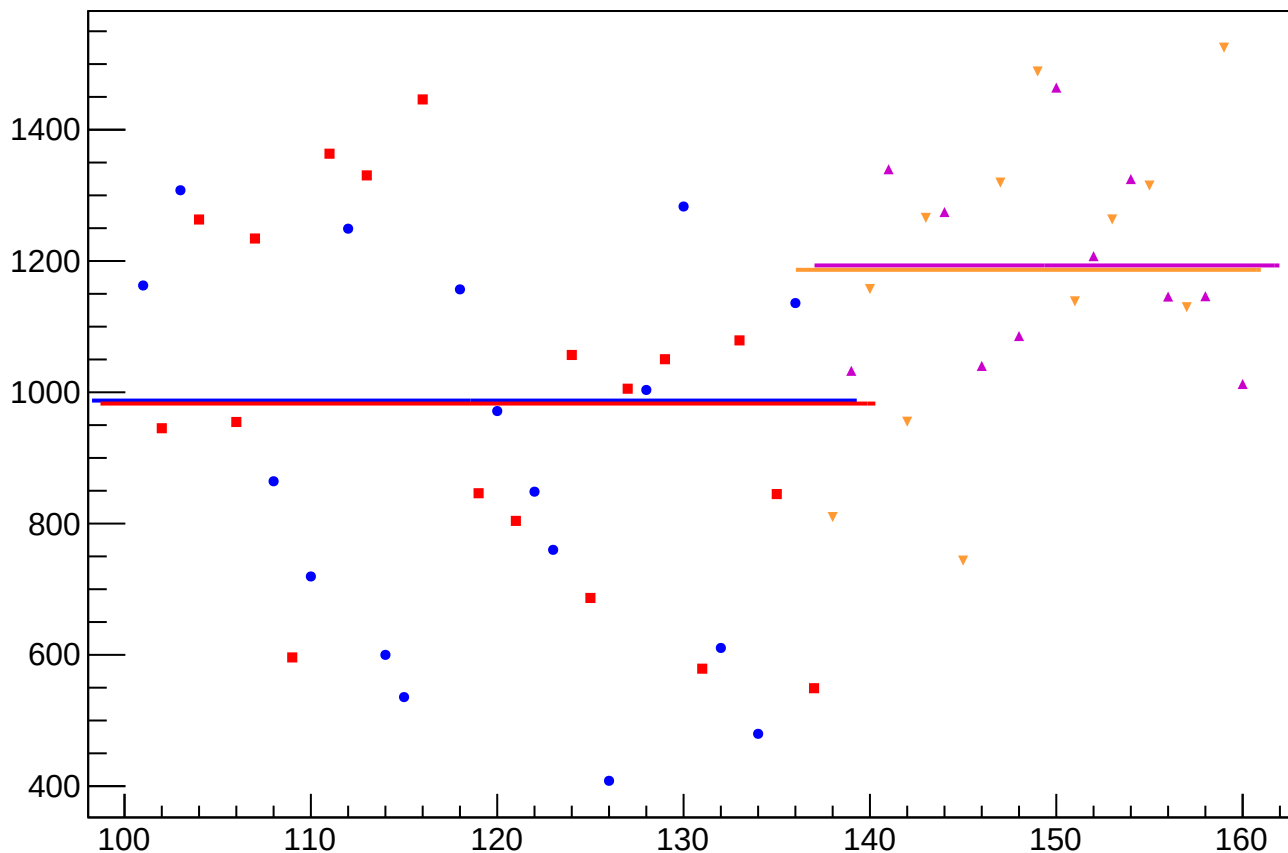
Left Out: 10.227+/-0.000 χ^2/NDF : 10321587584551104331954948537319424.0/11

Right Out: 10.764+/-0.000 χ^2/NDF : 14575858748491423837639288498946048.0/17

Left In: 9.971+/-0.000 χ^2/NDF : 2900670082842124382118820523802624.0/10

All: 10.405+/-0.000 χ^2/NDF : 4351812926390

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

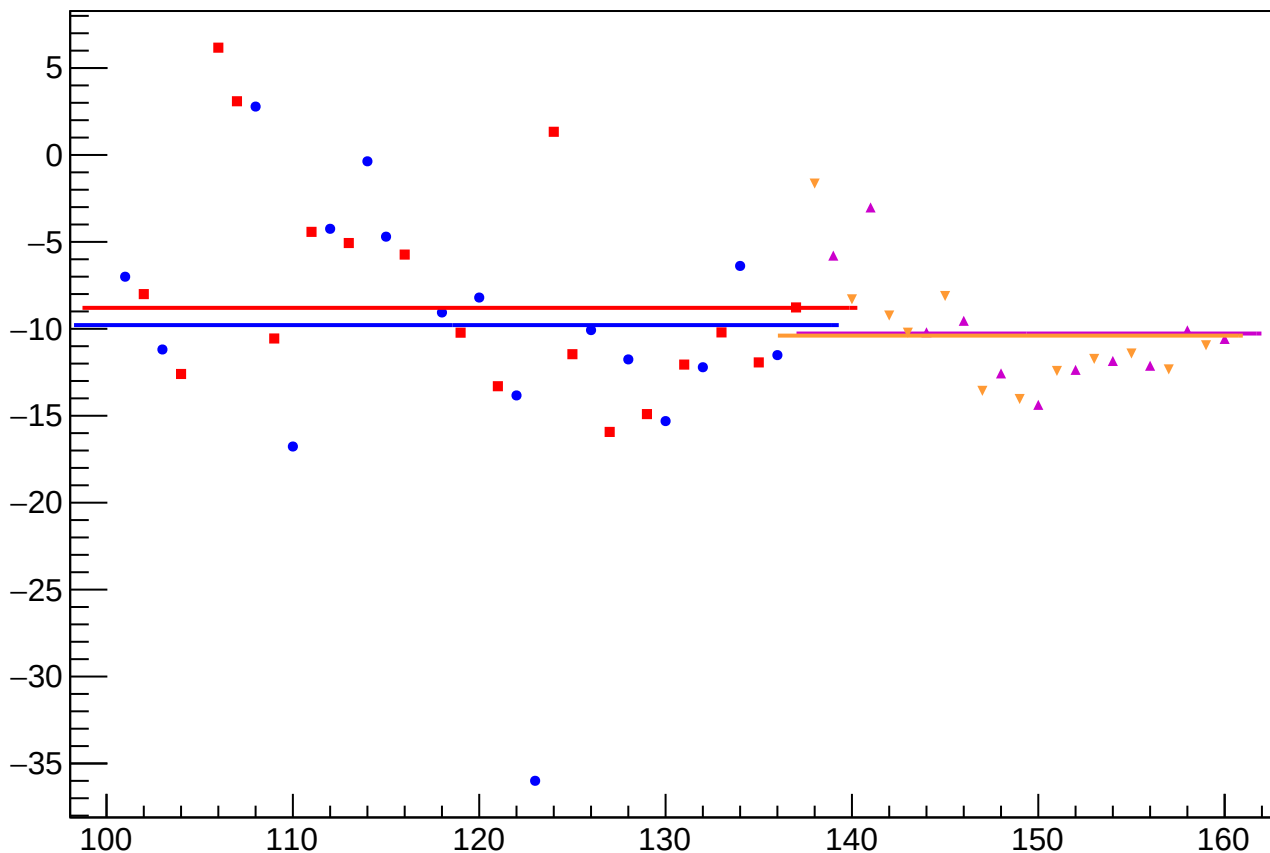
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4aY_coil7_mean vs Slug



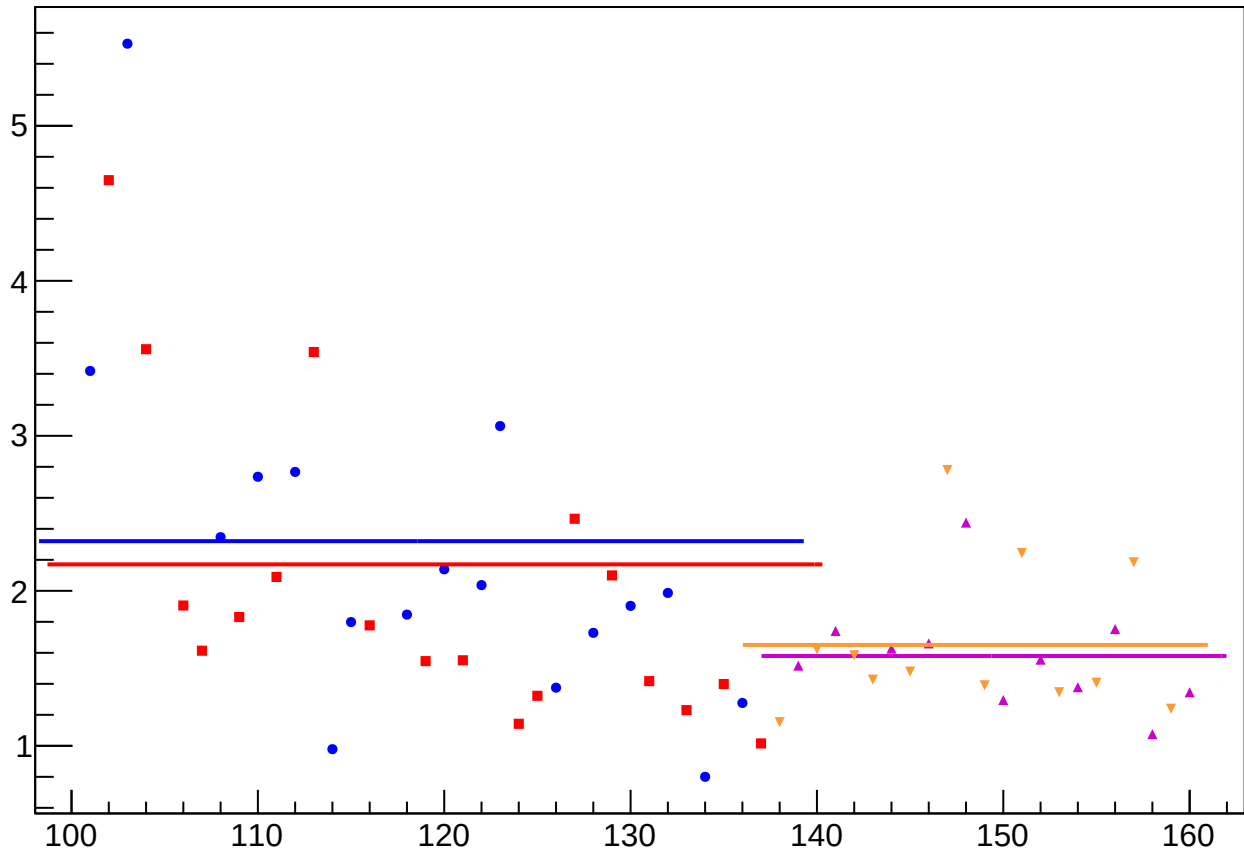
Right In: -9.786+/-0.000 χ^2/NDF : 17296683010620060540445571791454208.0/16

Left Out: -10.390+/-0.000 χ^2/NDF : 9553348608714345843286370808758272.0/11

Right Out: -8.794+/-0.000 χ^2/NDF : 21979472889395409230974985175040000.0/17

Left In: -10.271+/-0.000 χ^2/NDF : 9001548873812579955640597255028736.0/10

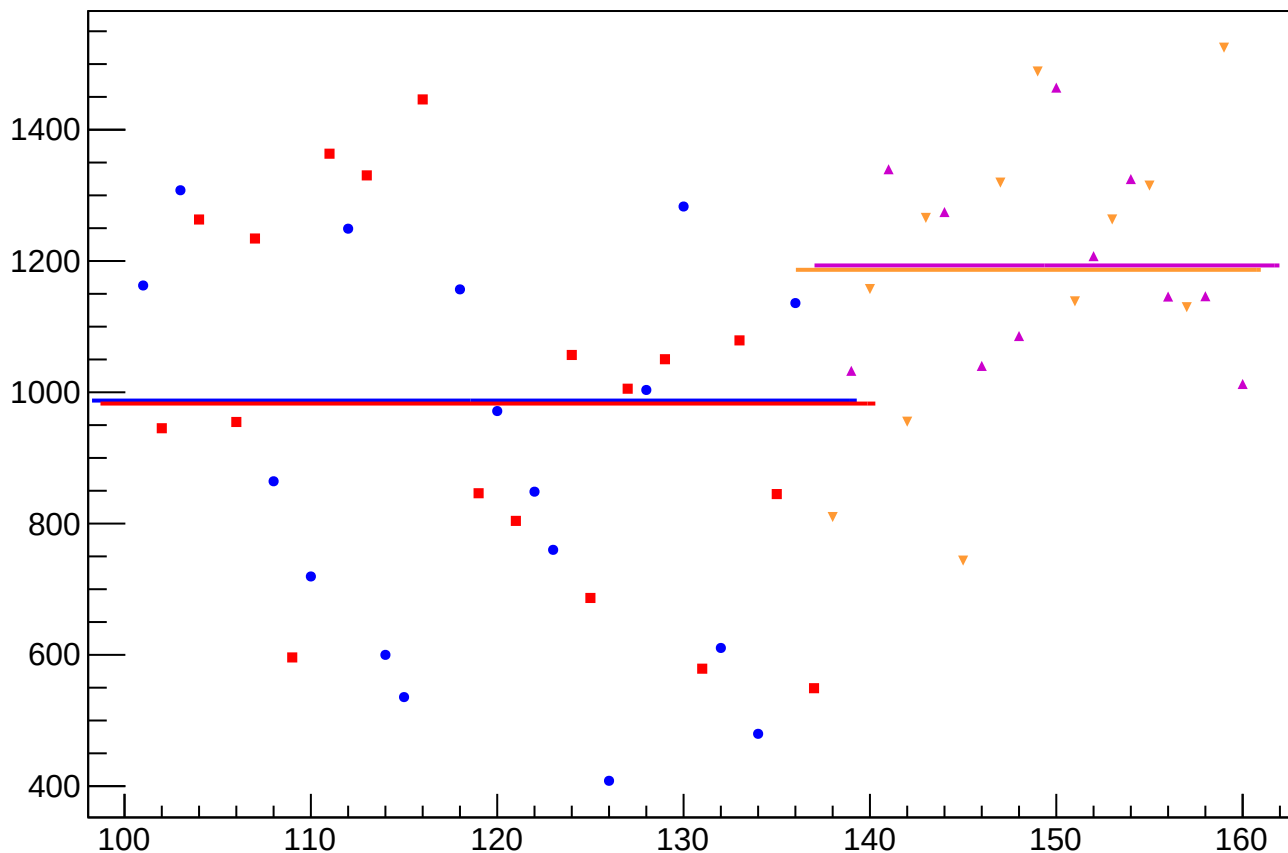
dit_4aY_coil7_err_mean vs Slug



Right In: 2.320 ± 0.000	χ^2/NDF : 951785069007432203128626661556224.0/16
Left Out: 1.651 ± 0.000	χ^2/NDF : 204626857159139136985355773804544.0/11
Right Out: 2.171 ± 0.000	χ^2/NDF : 756432905902484239494035607126016.0/17
Left In: 1.580 ± 0.000	χ^2/NDF : 104047648288543214499863879221248.0/10

$+ \text{sign } 1.941 \pm 0.000 \quad \chi^2/\text{NDF}: 13327985740188847$
 $- \text{sign } 1.836 \pm 0.000 \quad \chi^2/\text{NDF}: 10019203800642055$
 All: $1.888 \pm 0.000 \quad \chi^2/\text{NDF}: 23436522644769$

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

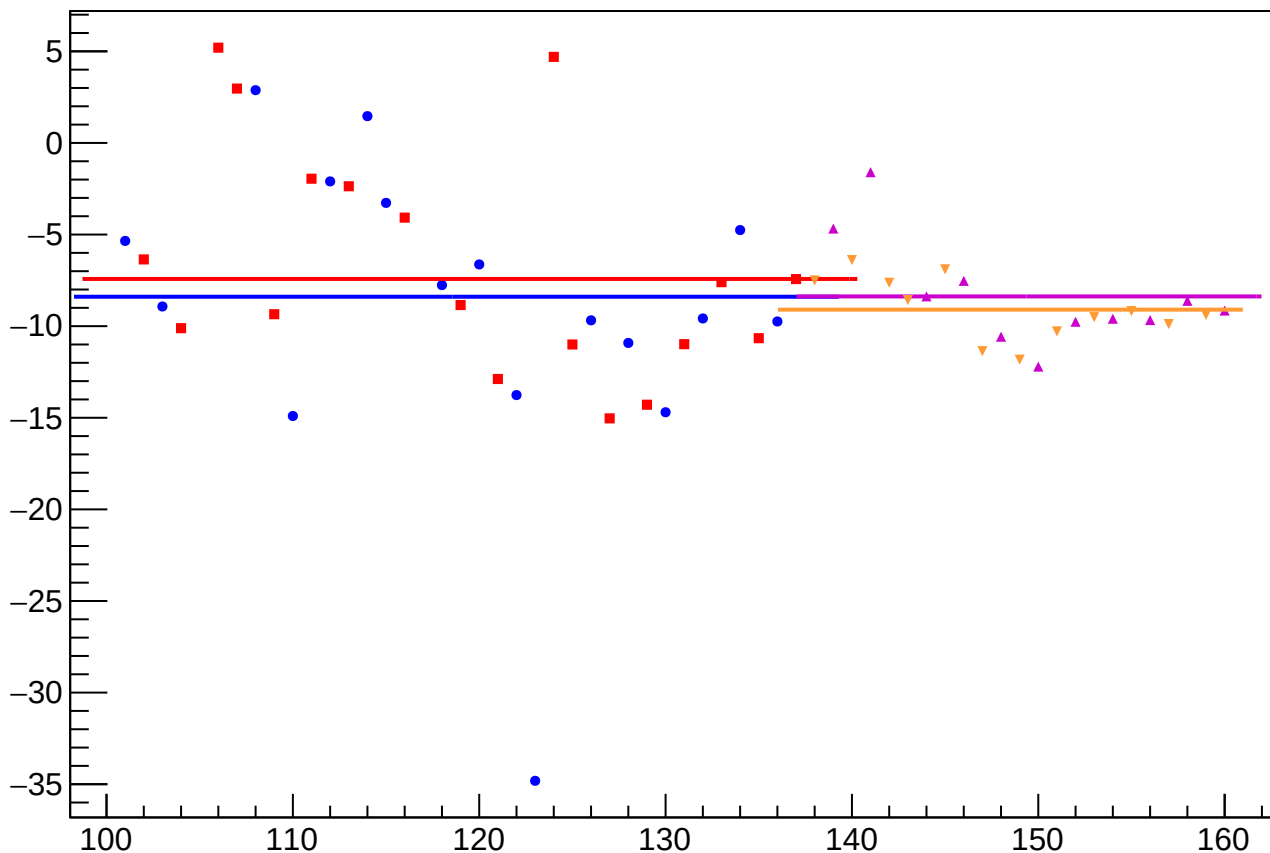
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4eY_coil7_mean vs Slug



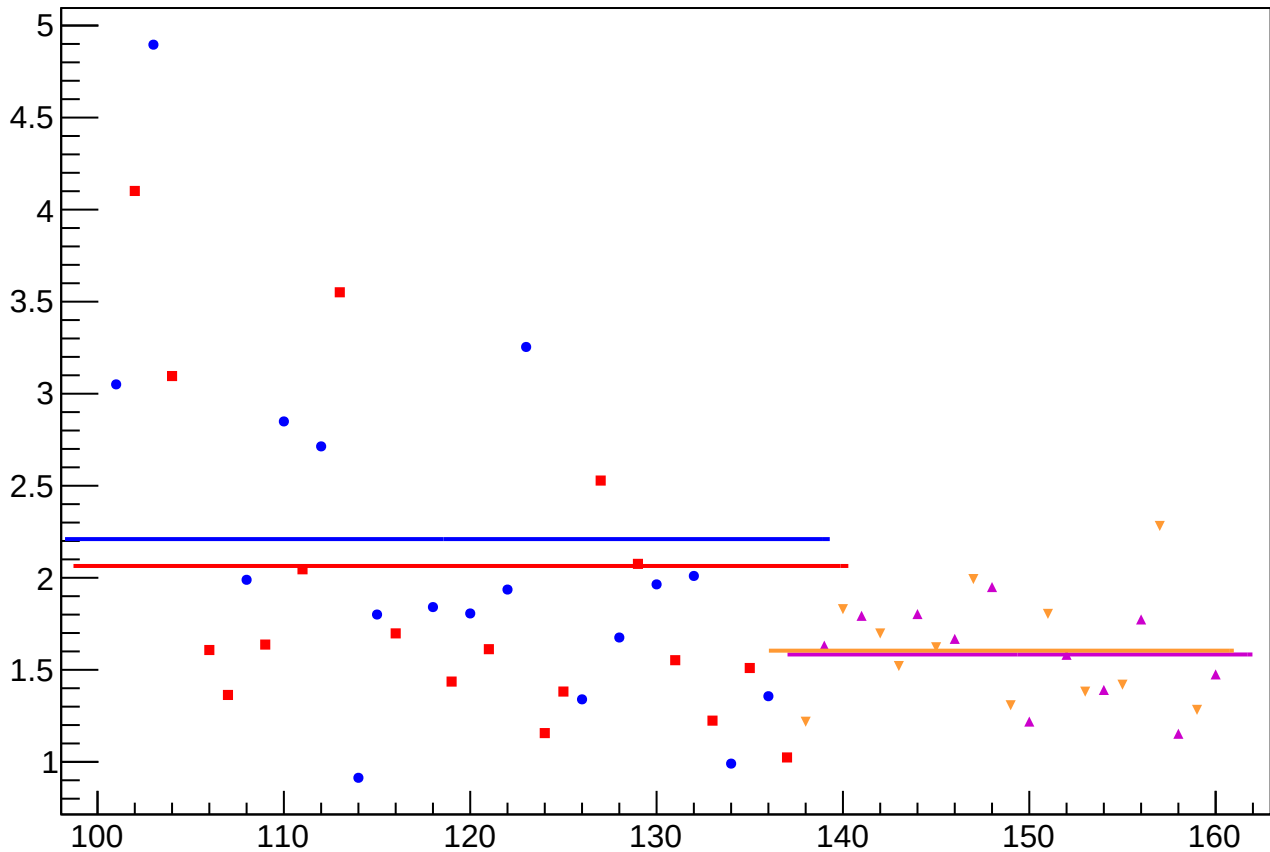
Right In: -8.394+/-0.000 χ^2/NDF : 17454293749905596935063382469378048.0/16

Left Out: -9.098+/-0.000 χ^2/NDF : 2495166400033821389722475105878016.0/11

Right Out: -7.423+/-0.000 χ^2/NDF : 21448737498509381182656193641840640.0/17

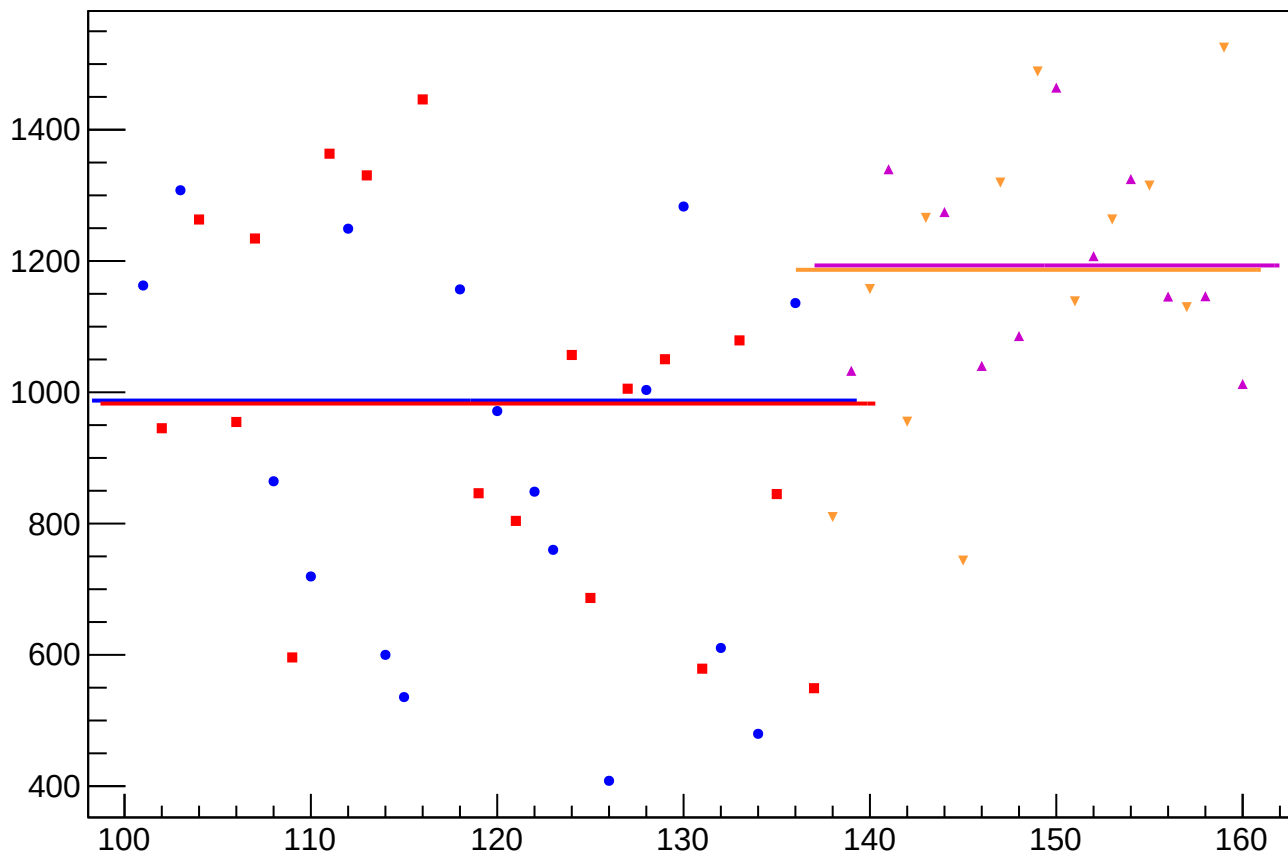
Left In: -8.377+/-0.000 χ^2/NDF : 7305049621104210689876244459159552.0/10

dit_4eY_coil7_err_mean vs Slug



Right In: 2.210 ± 0.000 χ^2/NDF : 685219894303103753186103173054464.0/16
 Left Out: 1.604 ± 0.000 χ^2/NDF : 88134442876960203086974867734528.0/11
 Right Out: 2.064 ± 0.000 χ^2/NDF : 574315722841914805756407412948992.0/17
 Left In: 1.583 ± 0.000 χ^2/NDF : 54376045146817744012212281802752.0/10
 All: 1.829 ± 0.000 χ^2/NDF : 16446751324639
 + sign 1.867 ± 0.000 χ^2/NDF : 91790498723522989
 - sign 1.792 ± 0.000 χ^2/NDF : 72225739278983995

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

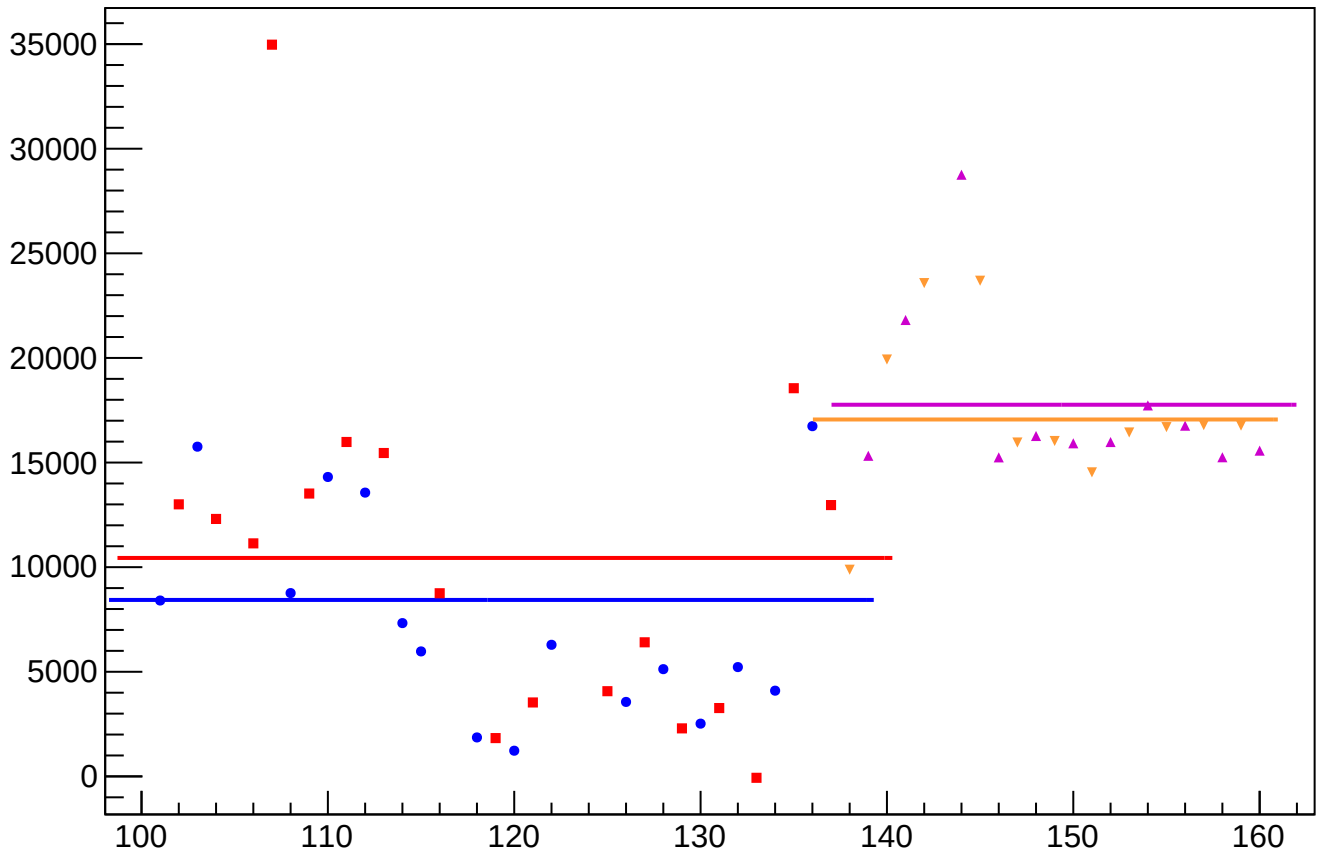
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

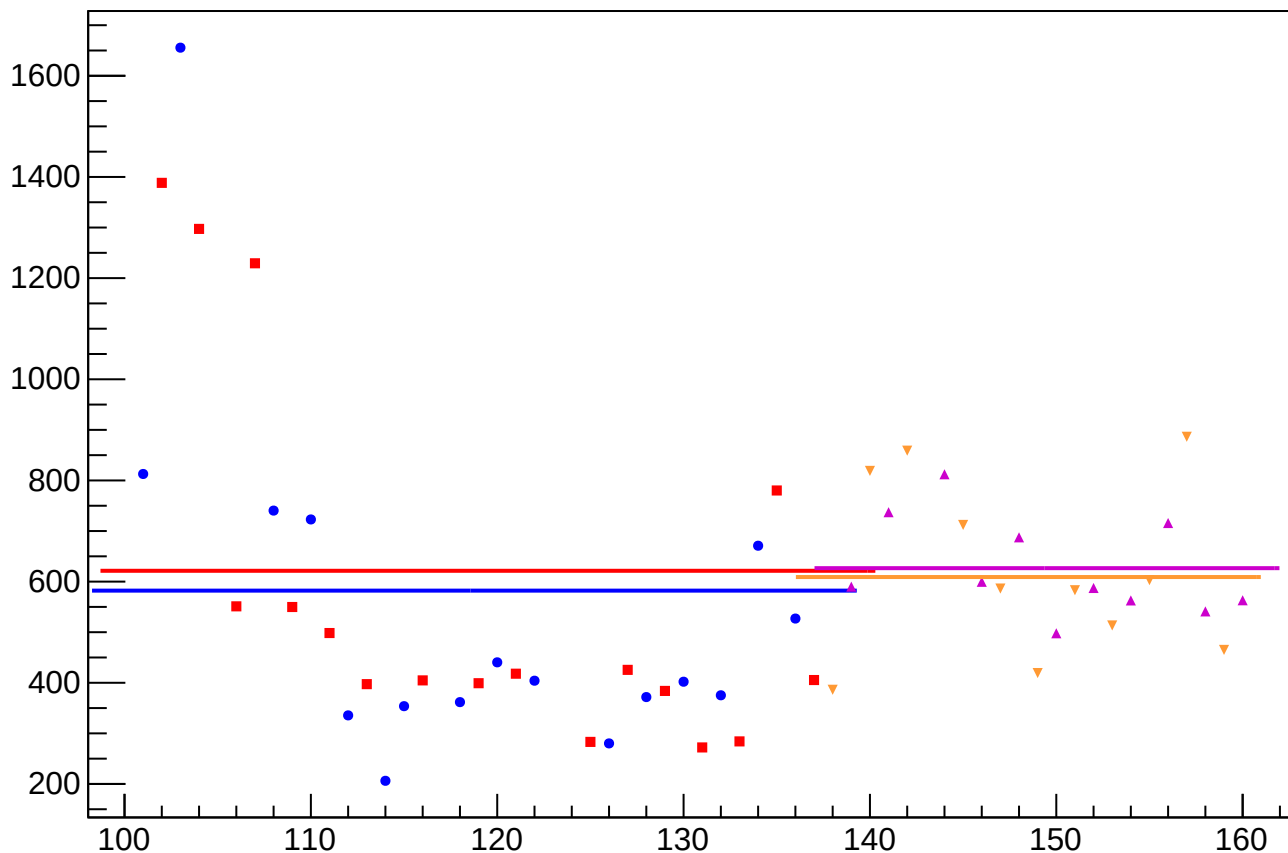
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_usl_coil7_mean vs Slug



Right In: 8433.891+/-0.000 χ^2/NDF : 20327422028204985369763408215621299601408.0/15
 Left Out: 17058.273+/-0.000 χ^2/NDF : 10811611646396396135044758761220754898944.0/10
 Right Out: 10440.704+/-0.000 χ^2/NDF : 45868144044016746065453678570140629729280.0/16
 Left In: 17763.145+/-0.000 χ^2/NDF : 14921716045152593676189631342379599396864.0/10

dit_usl_coil7_err_mean vs Slug



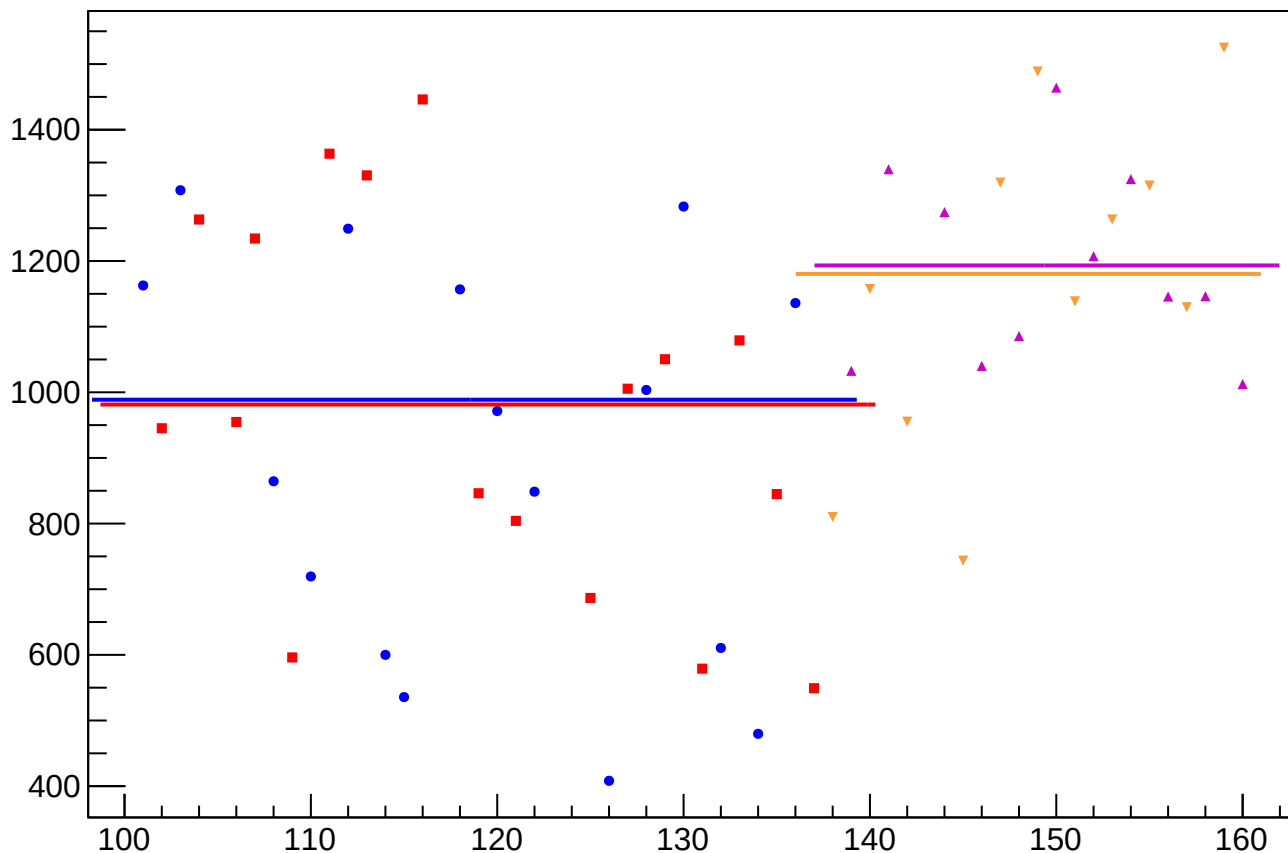
Right In: 582.194+/-0.000 χ^2/NDF : 92652521491388929844313077938841976832.0/15

Left Out: 609.049+/-0.000 χ^2/NDF : 22435846570397404635858963221446656000.0/10

Right Out: 621.413+/-0.000 χ^2/NDF : 99044900314697449740386824149731901440.0/16

Left In: 626.604+/-0.000 χ^2/NDF : 8153830016512989620574087402930307072.0/10

dit_usl_coil7_Ndata_mean vs Slug



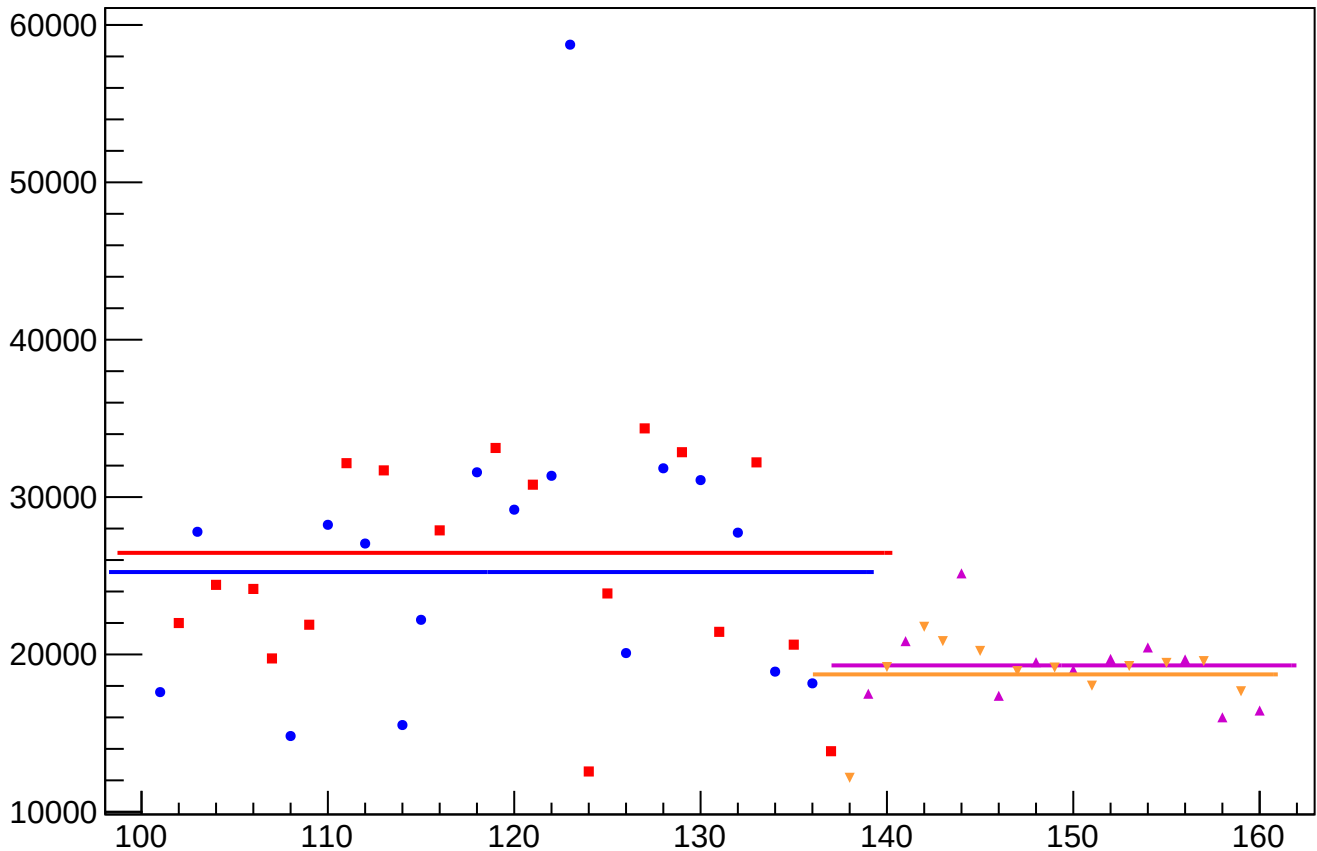
Right In: 988.706+/-0.000 χ^2/NDF : 52363367379197496459026096064200441856.0/15

Left Out: 1180.302+/-0.000 χ^2/NDF : 49311054965426356670958856612989632512.0/10

Right Out: 981.352+/-0.000 χ^2/NDF : 48028000110939353209143459445919973376.0/16

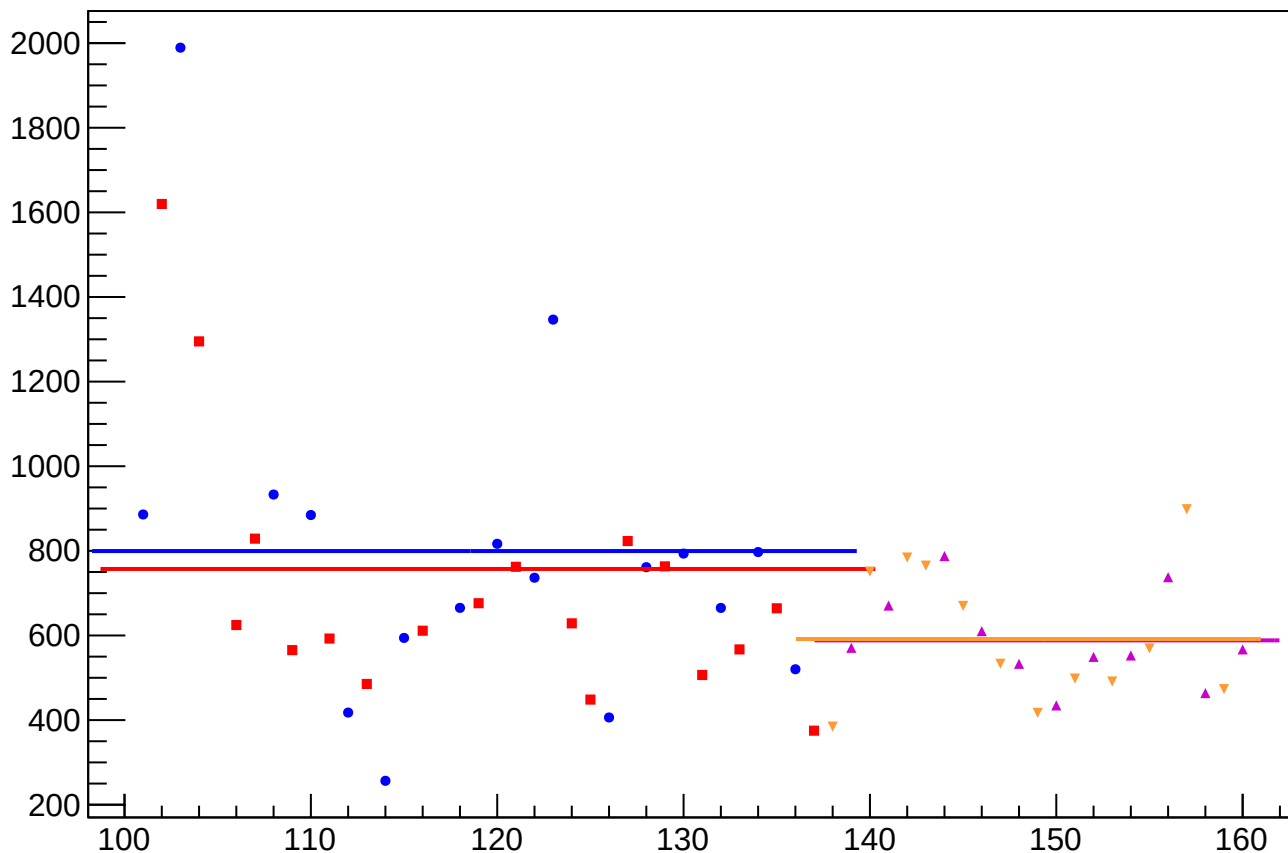
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_usr_coil7_mean vs Slug



Right In: 25236.317+/-0.000 χ^2/NDF : 29071522213059582283269412071648973029376.0/16
 Left Out: 18733.088+/-0.000 χ^2/NDF : 4548859708795276009115062862764547506176.0/11
 Right Out: 26455.988+/-0.000 χ^2/NDF : 24365500126615965846523683173160051539968.0/17
 Left In: 19304.267+/-0.000 χ^2/NDF : 5534312846763223984199919197299769606144.0/10

dit_usr_coil7_err_mean vs Slug



Right In: 799.524+/-0.000 χ^2/NDF : 112536154235498414231657645251770712064.0/16

+ sign 681.634+/-0.000 χ^2/NDF : 151644951305294

Left Out: 591.628+/-0.000 χ^2/NDF : 22099670593221557738114196407951818752.0/11

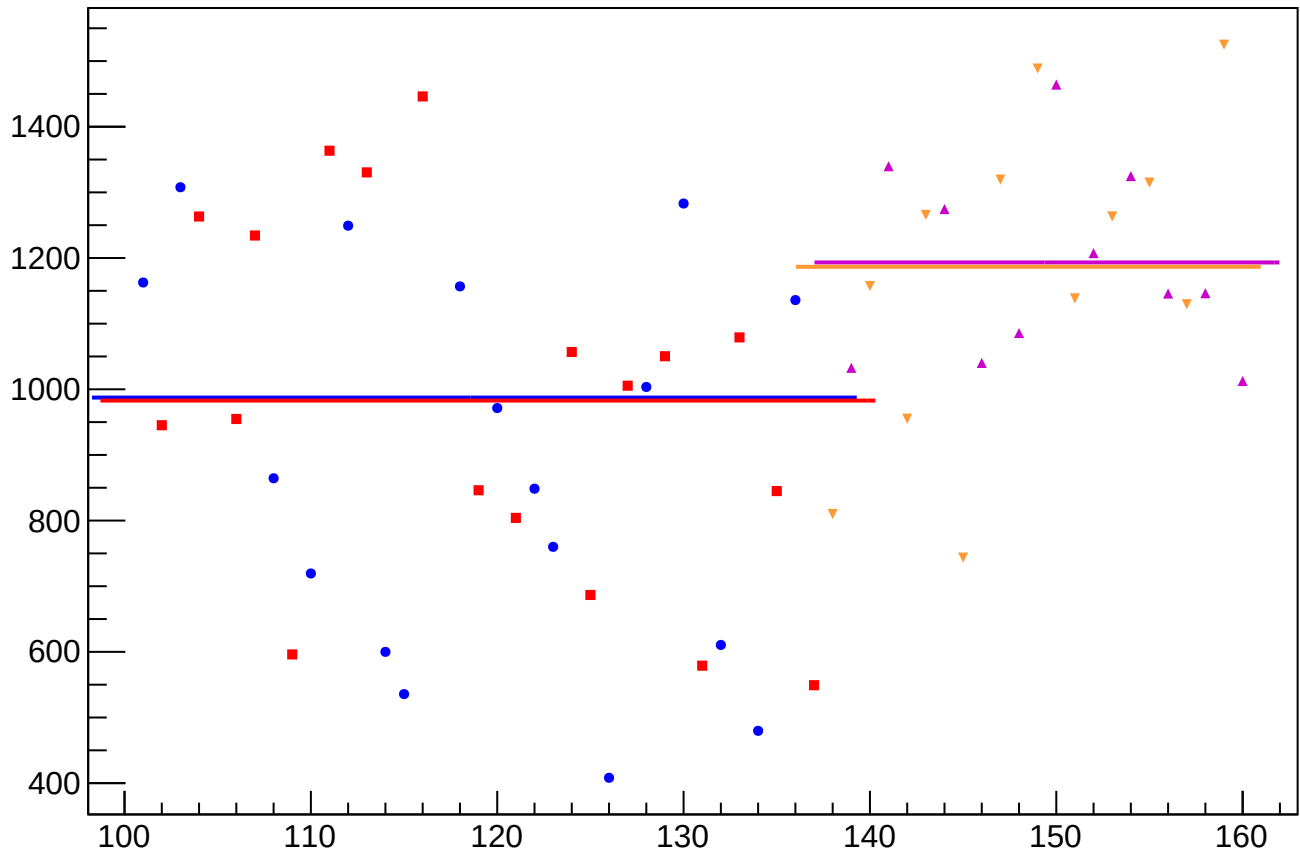
All: 671.500+/-0.000 χ^2/NDF : 25020556793

Right Out: 757.193+/-0.000 χ^2/NDF : 76794158982285513543711222288246374400.0/17

- sign 661.642+/-0.000 χ^2/NDF : 982358550641591

Left In: 588.417+/-0.000 χ^2/NDF : 9911176401969663265546101605651185664.0/10

dit_usr_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

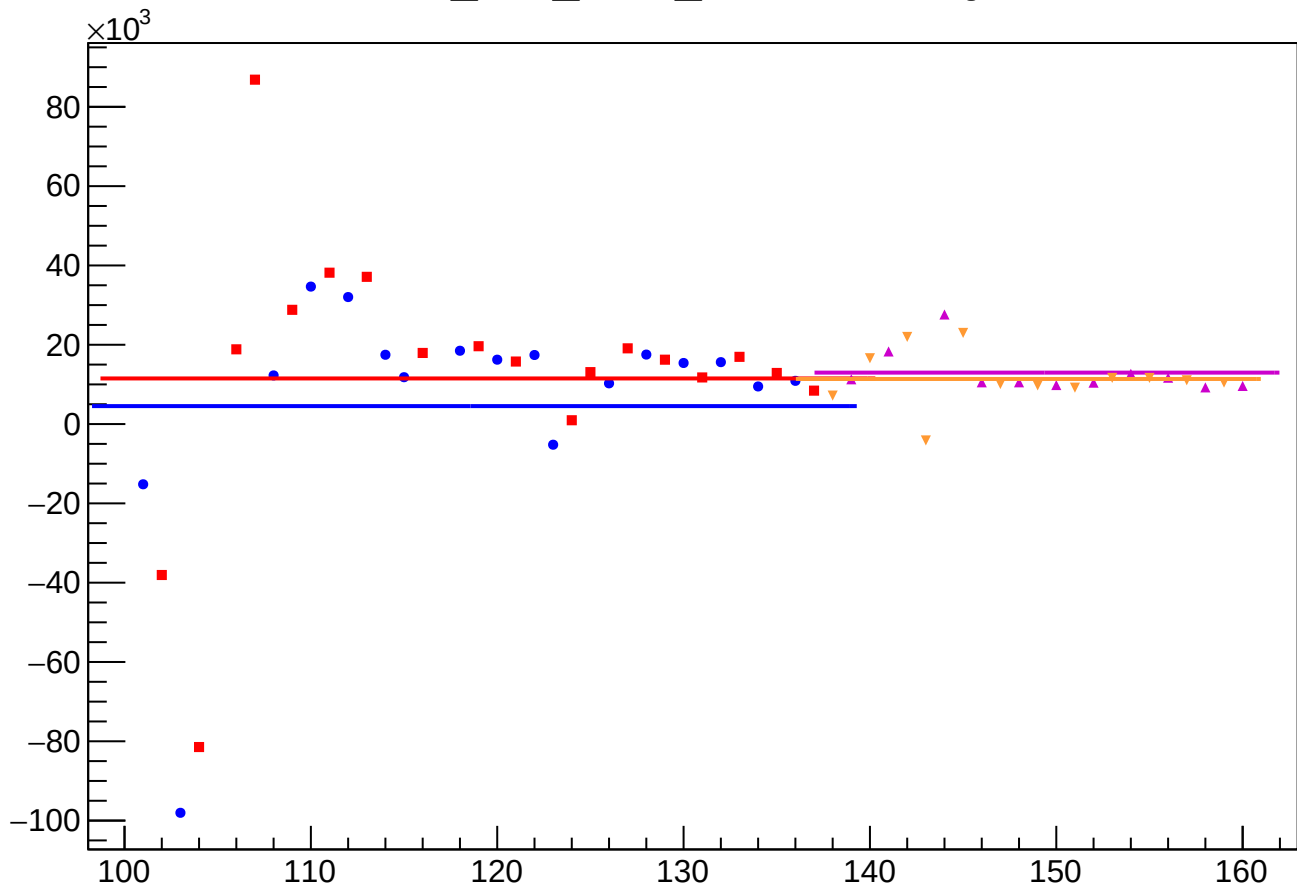
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

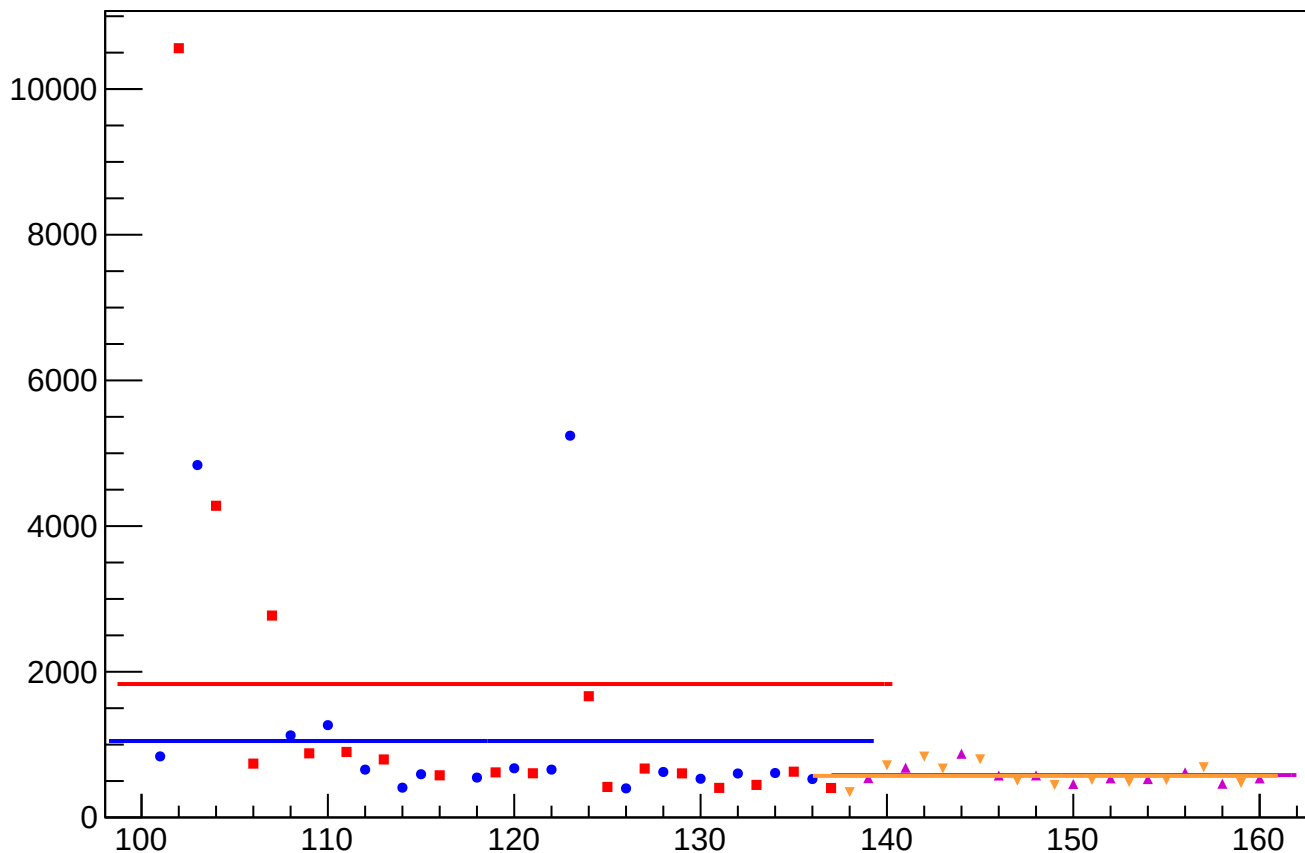
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atl1_coil7_mean vs Slug



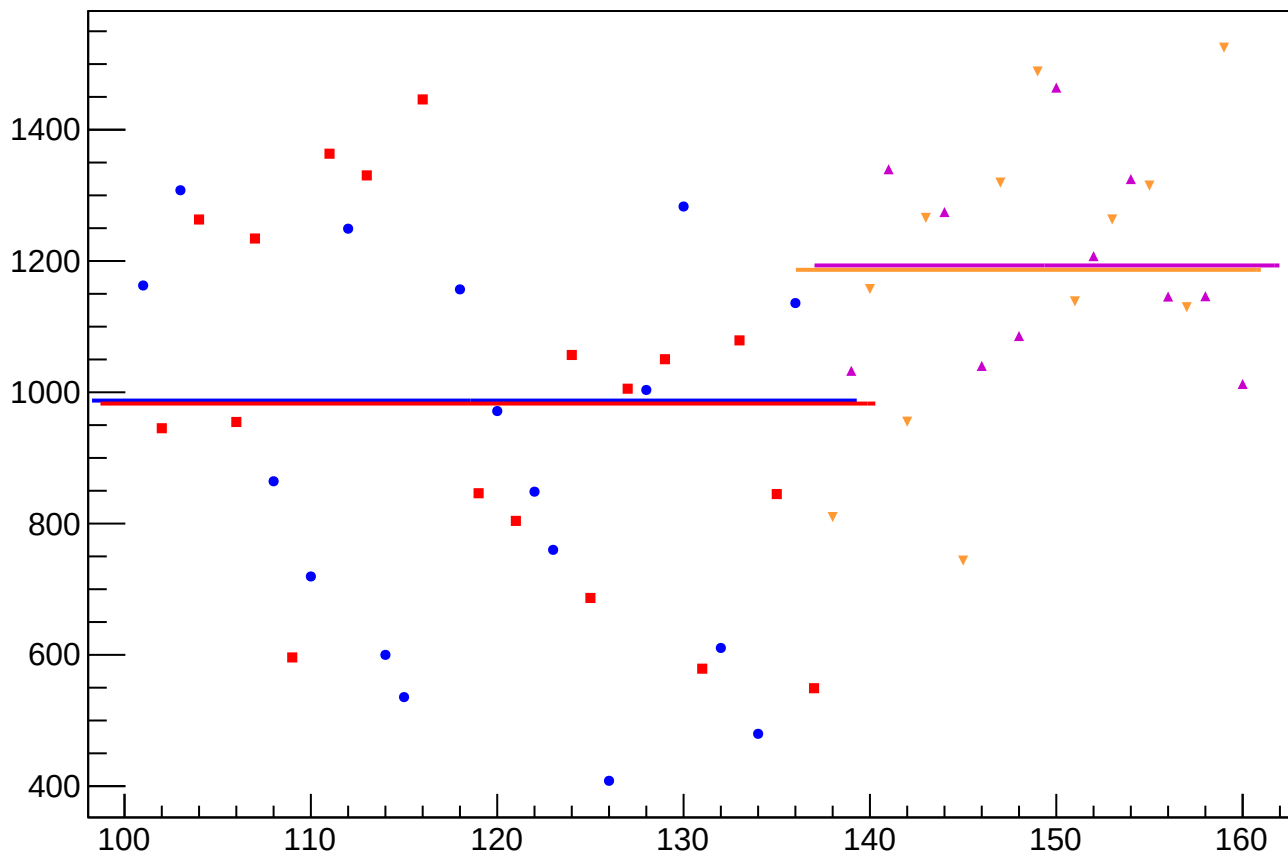
Right In: 4528.489 $\pm$ 0.000 χ^2 /NDF: 765984421186945141508299673026645807071232.0/16
 Left Out: 11369.972 $\pm$ 0.000 χ^2 /NDF: 36208718267646883298044880734212432330752.0/11
 Right Out: 11503.298 $\pm$ 0.000 χ^2 /NDF: 877839720750399952947204251622051720200192.0/17
 Left In: 12973.748 $\pm$ 0.000 χ^2 /NDF: 26423716846952217142475221393758111137792.0/10
 + sign 8408.032 $\pm$ 0.000 χ^2 /NDF: 82061316960143
 All: 10399.090 $\pm$ 0.000 χ^2 /NDF: 1738287913
 - sign 12335.780 $\pm$ 0.000 χ^2 /NDF: 9051386857681

dit_atl1_coil7_err_mean vs Slug



Right In: 1049.780+/-0.000 χ^2/NDF : 1038421858157169578640574748223478956032.0/16
 Left Out: 570.856+/-0.000 χ^2/NDF : 18128369827839480022049807034159726592.0/11
 Right Out: 1831.763+/-0.000 χ^2/NDF : 5560667897153995144780835972954558824448.0/17
 Left In: 581.939+/-0.000 χ^2/NDF : 1188160127531706993869358655522996224.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

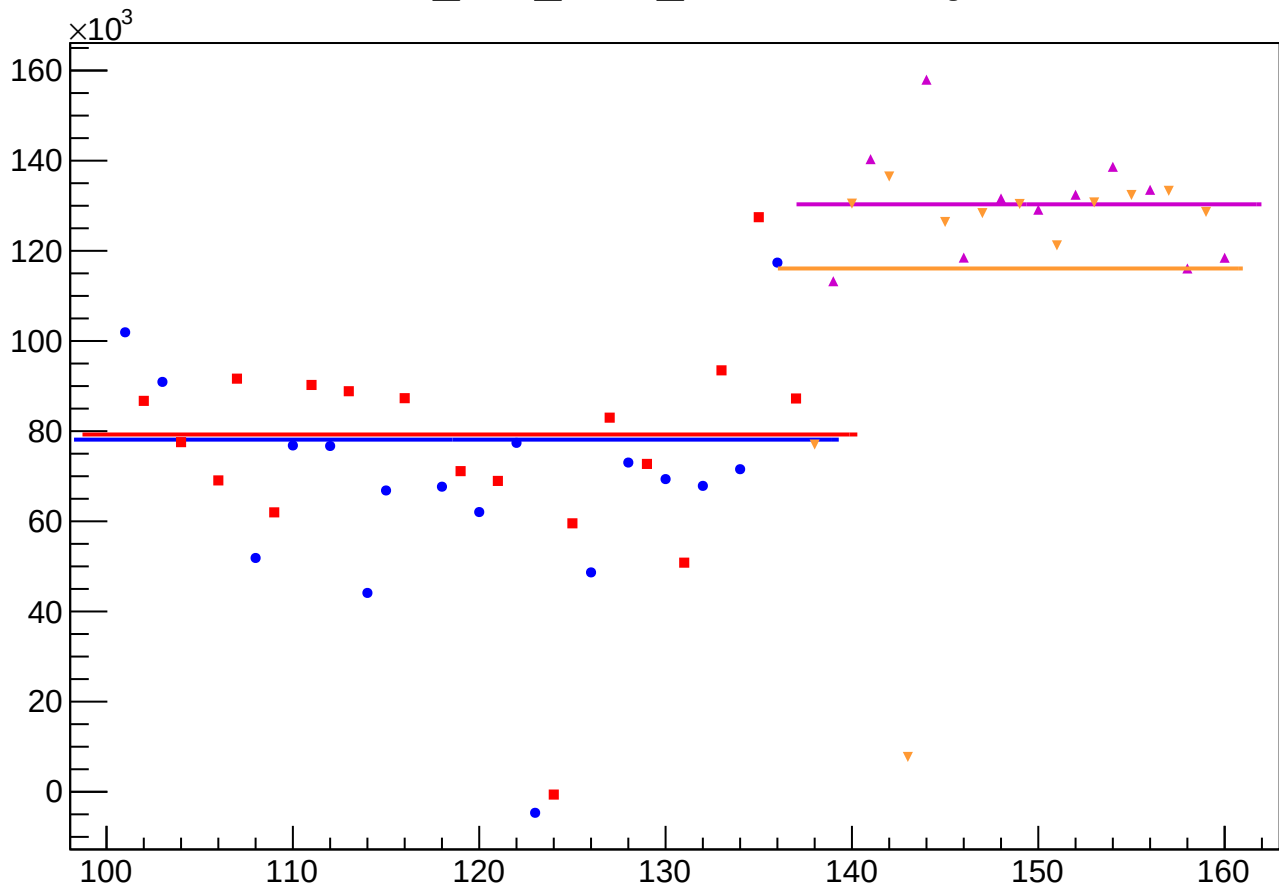
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

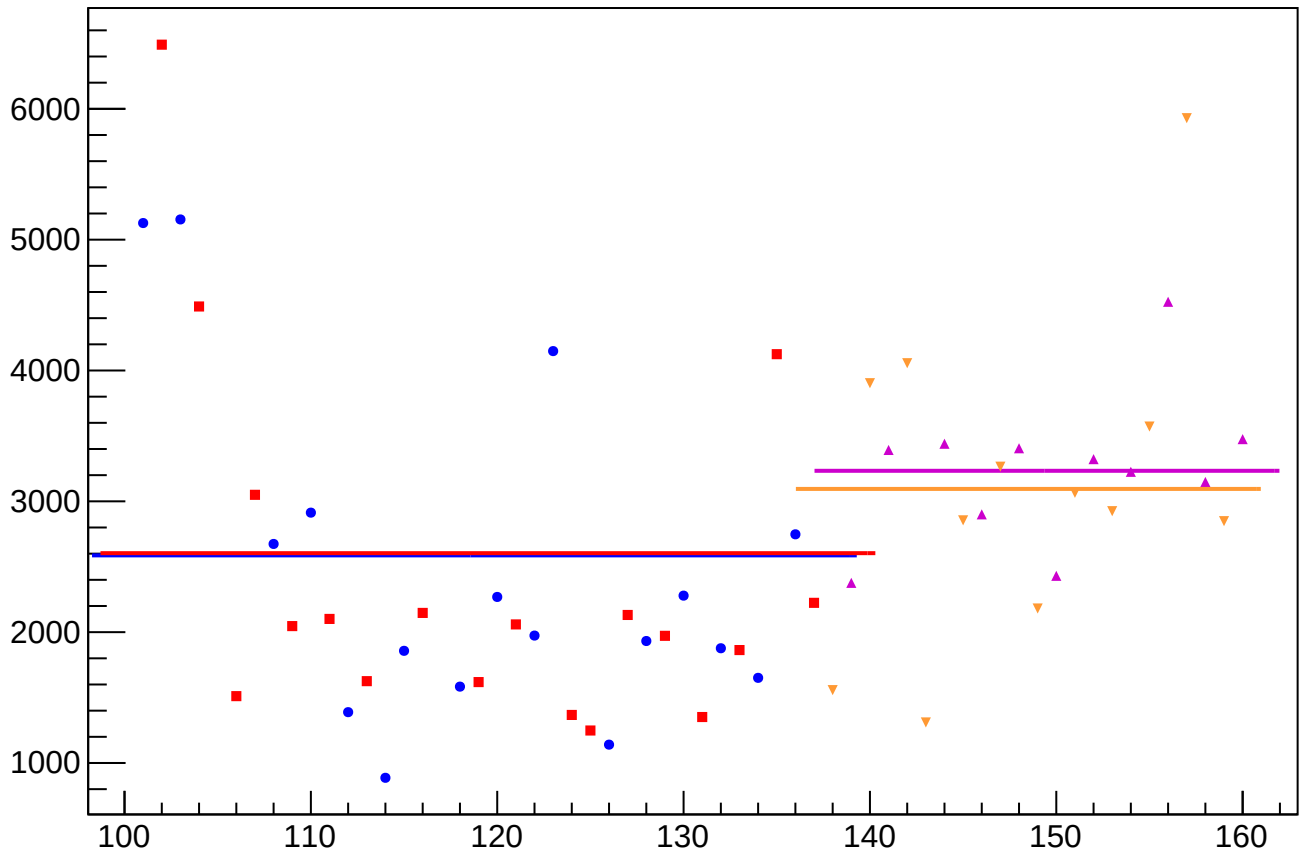
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atl2_coil7_mean vs Slug



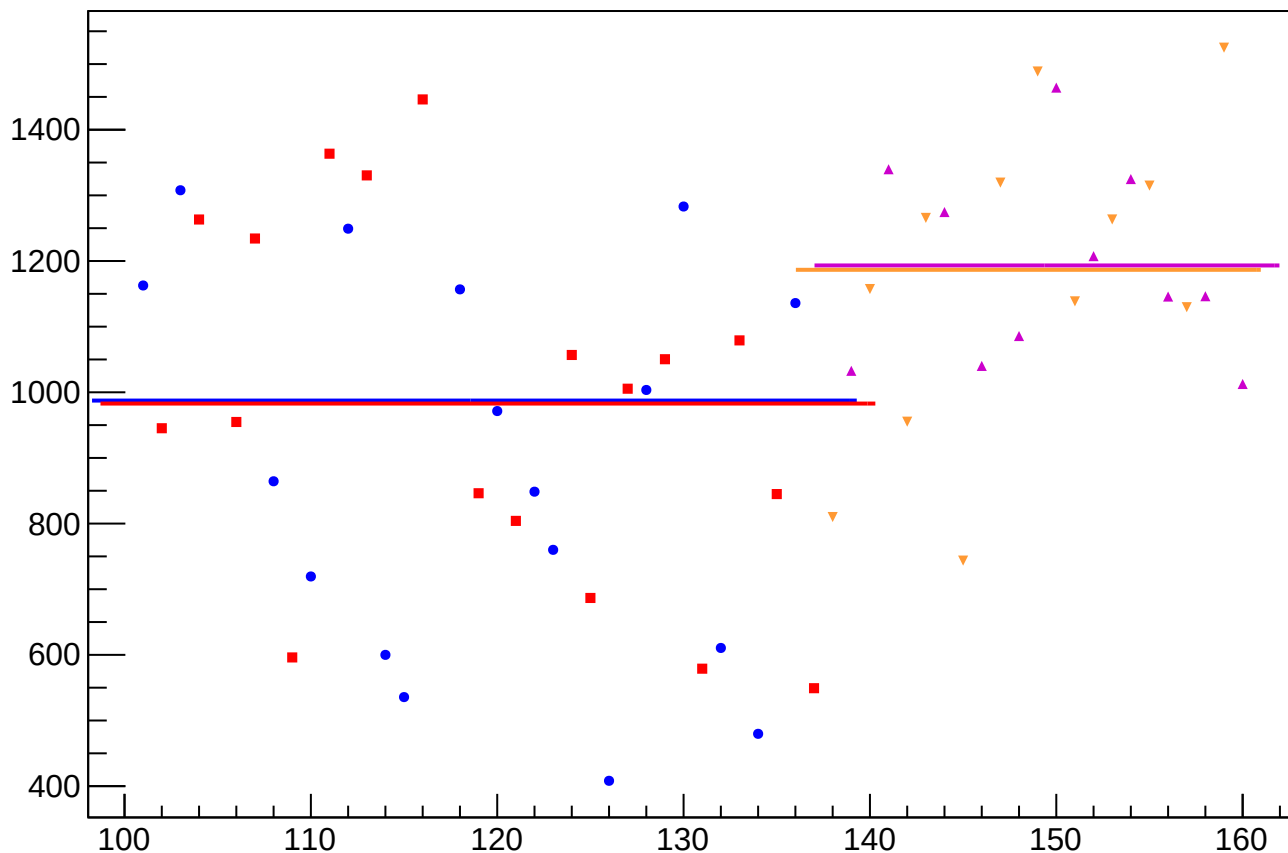
Right In: 78120.227+/-0.000 χ^2/NDF : 308820964030920149649775995002991312633856.0/16
 Left Out: 116083.925+/-0.000 χ^2/NDF : 1055028859665678299066390828243571544424448.0/11
 Right Out: 79260.499+/-0.000 χ^2/NDF : 303215964703866066986504542190112711114752.0/17
 Left In: 130317.995+/-0.000 χ^2/NDF : 147443434358857033174111826688008821669888.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2586.924+/-0.000 χ^2/NDF : 1122415737488478857695553804598689923072.0/16
 Left Out: 3094.875+/-0.000 χ^2/NDF : 1190700908263990863745595905660178923520.0/11
 Right Out: 2603.762+/-0.000 χ^2/NDF : 1547340202870581842616287406625719844864.0/17
 Left In: 3233.353+/-0.000 χ^2/NDF : 275364684617140508153597807706060619776.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

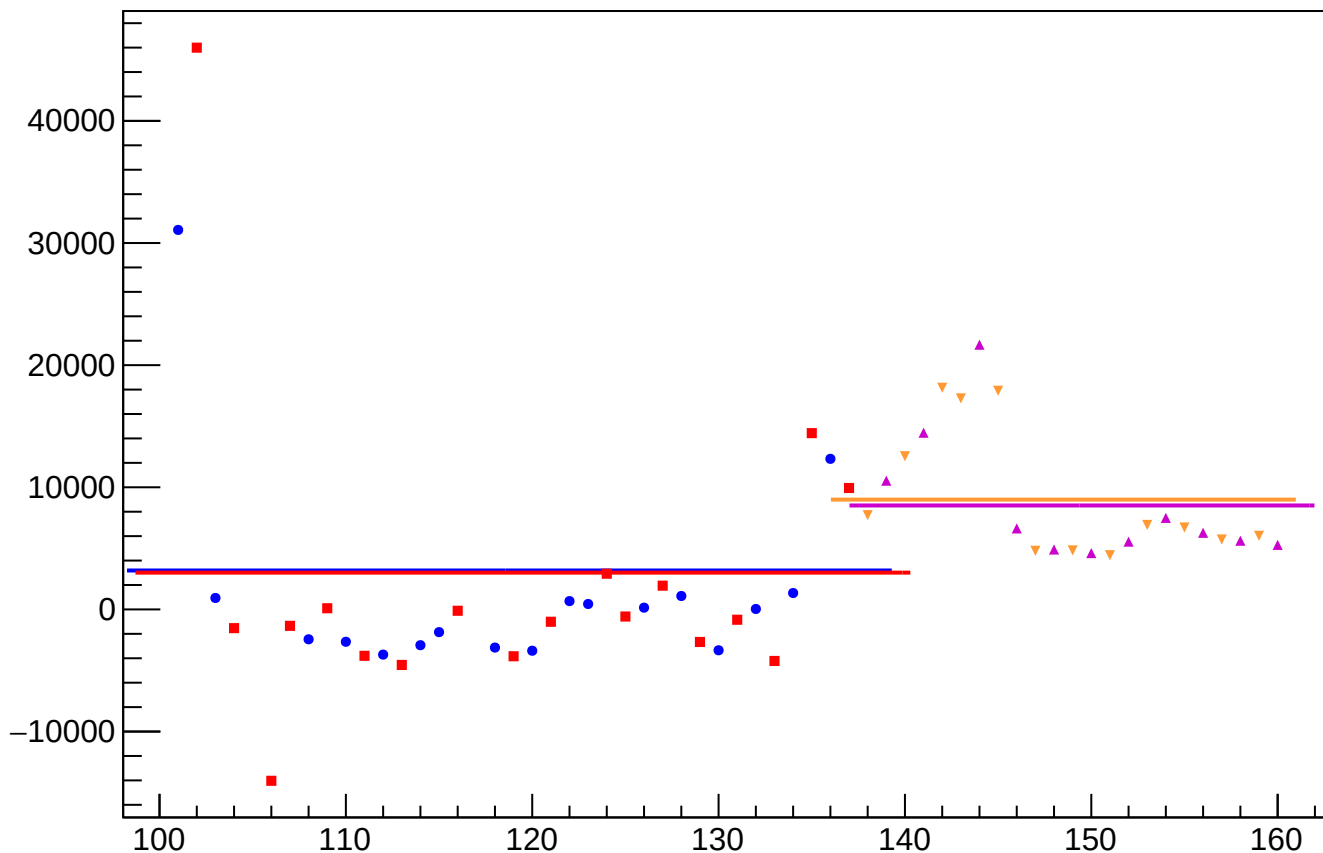
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

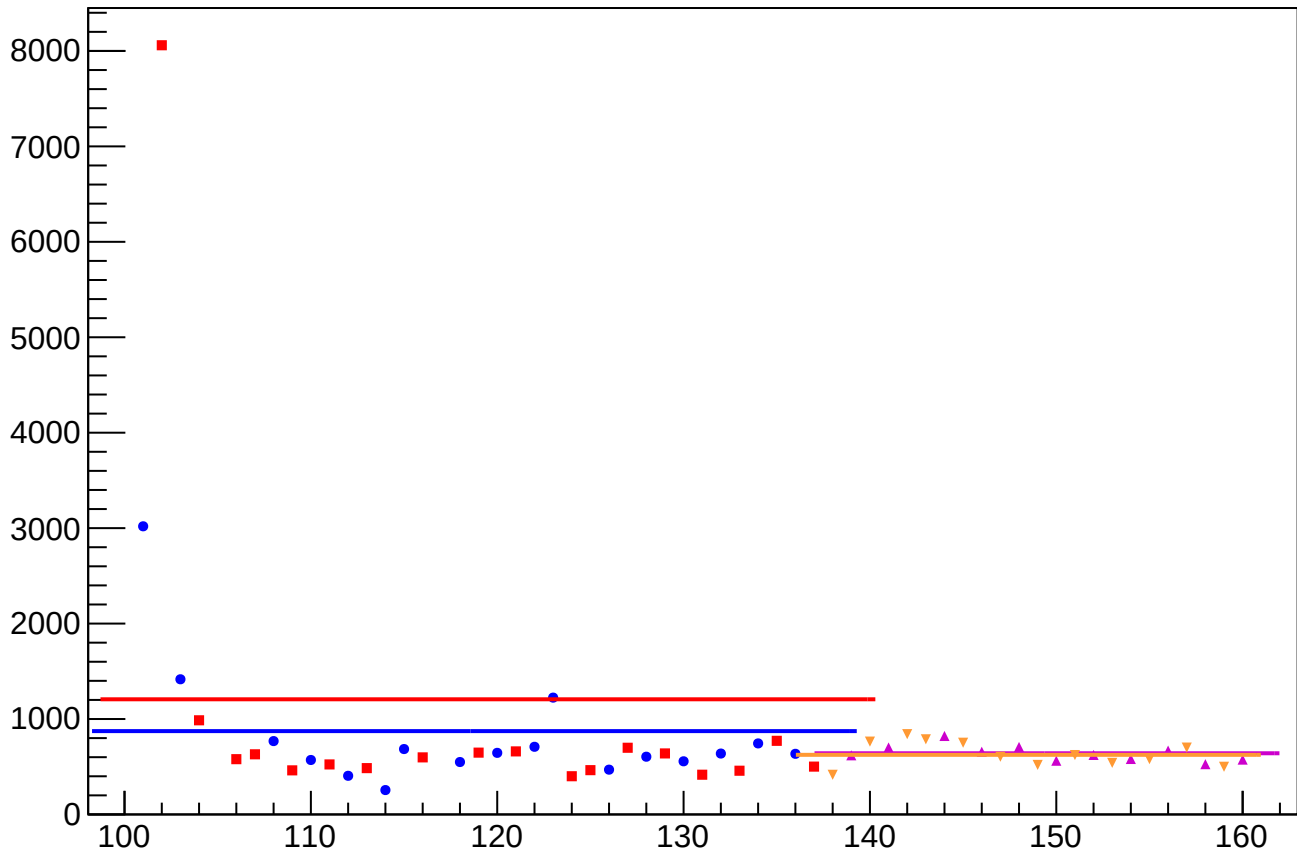
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_atr1_coil7_mean vs Slug



Right In: 3187.051+/-0.000 χ^2/NDF : 66270389171193911836791515591398561677312.0/16
 Left Out: 8990.897+/-0.000 χ^2/NDF : 22509101259112678607157462677691985559552.0/11
 Right Out: 3012.400+/-0.000 χ^2/NDF : 138157018088298657463529912150565226283008.0/17
 Left In: 8511.318+/-0.000 χ^2/NDF : 2433332735687390089977674929475300622336.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 873.306+/-0.000 χ^2/NDF : 340993590653355605867273192516364533760.0/16

+ sign 732.395+/-0.000 χ^2/NDF : 378872740147879

Left Out: 624.813+/-0.000 χ^2/NDF : 13578620393793038879015873058055389184.0/11

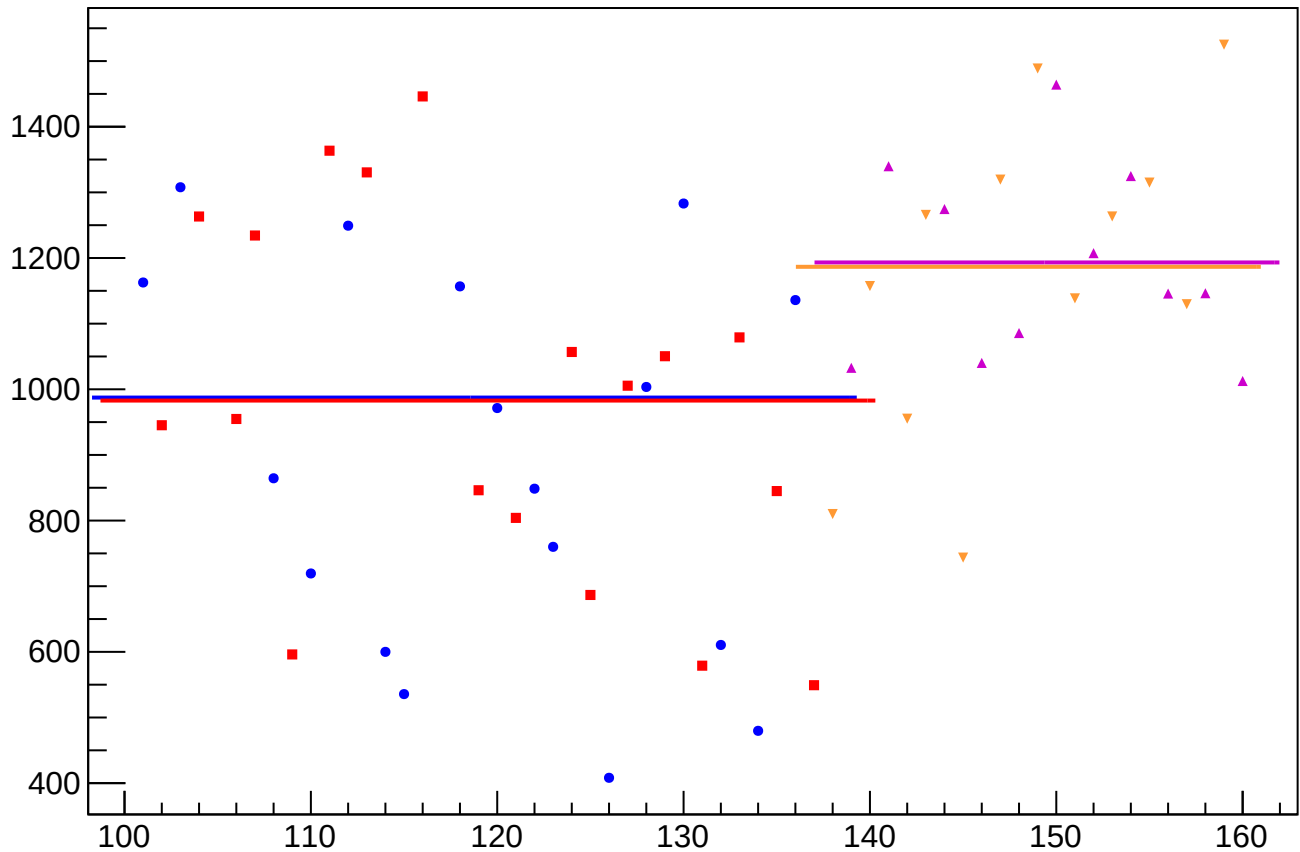
All: 810.512+/-0.000 χ^2/NDF : 351316106877

Right Out: 1206.661+/-0.000 χ^2/NDF : 2979483538609797767268010500388070359040.0/17

- sign 886.496+/-0.000 χ^2/NDF : 311499160767710

Left In: 641.139+/-0.000 χ^2/NDF : 6049738878029636256926202611114180608.0/10

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

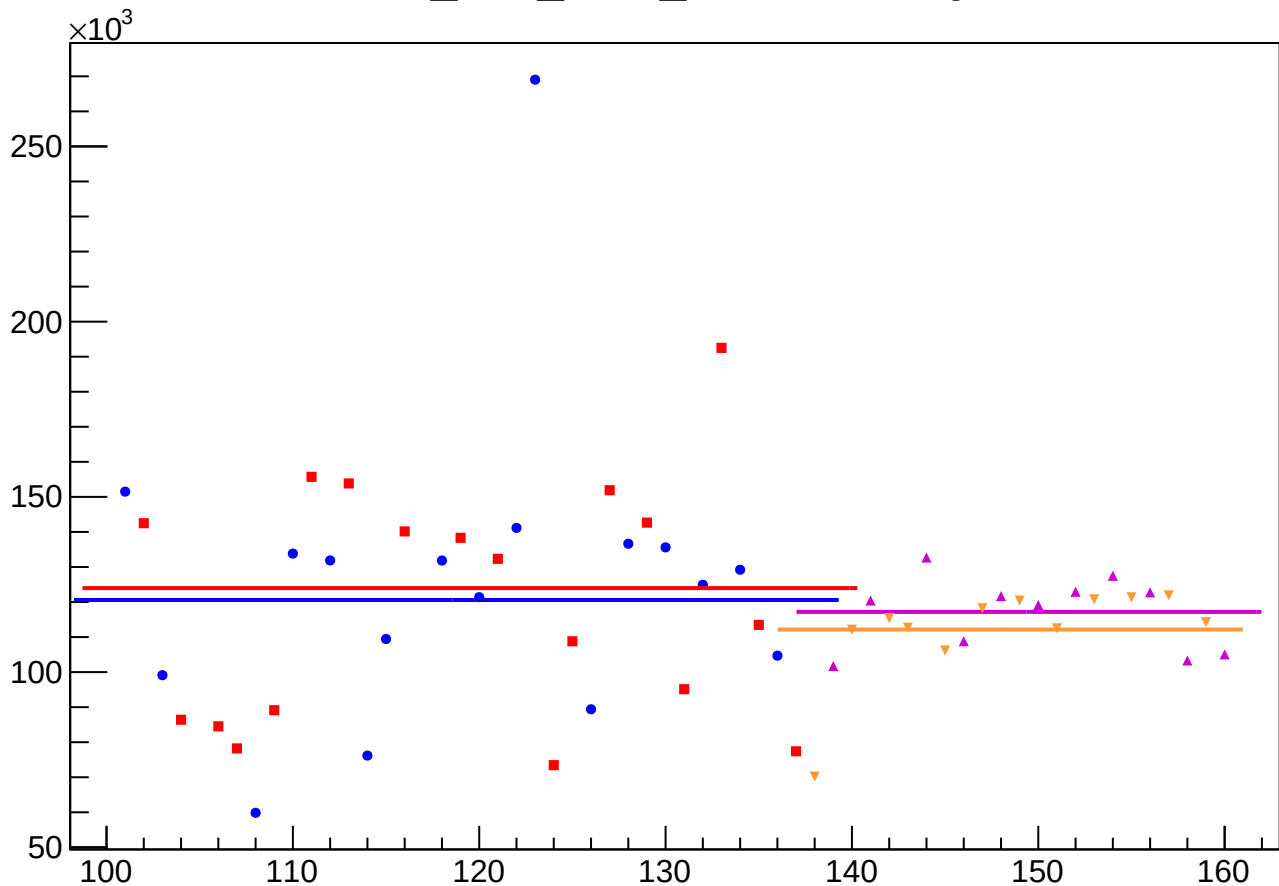
Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

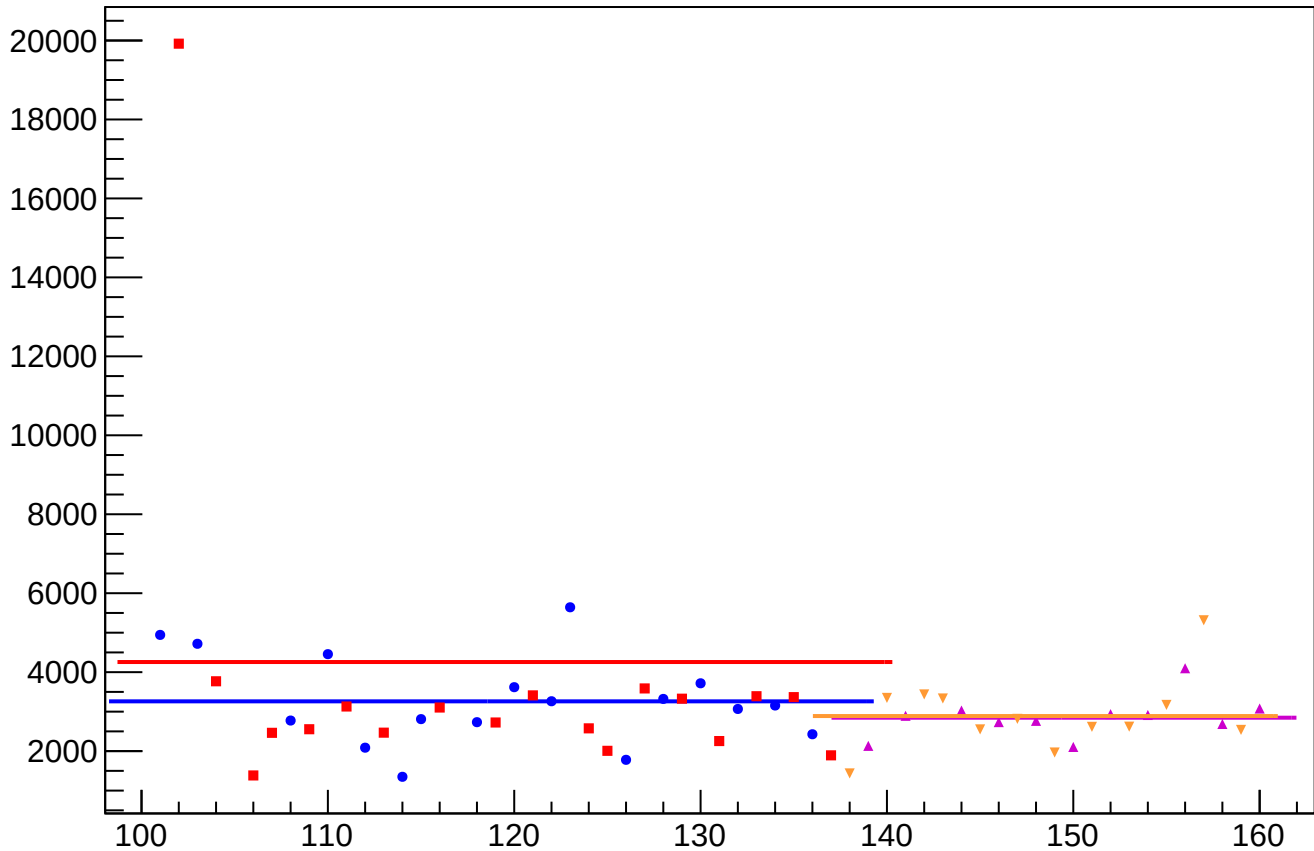
dit_atr2_coil7_mean vs Slug



Right In: 120586.708 $\pm$ 0.000	χ^2/NDF : 463702909226593065118055925390873188106240.0/16
Left Out: 112145.166 $\pm$ 0.000	χ^2/NDF : 169803943899249833628115478004203597594624.0/11
Right Out: 123970.573 $\pm$ 0.000	χ^2/NDF : 754871099831913254311543250015602251661312.0/17
Left In: 117187.281 $\pm$ 0.000	χ^2/NDF : 92050085463575690364904587071982548287488.0/10

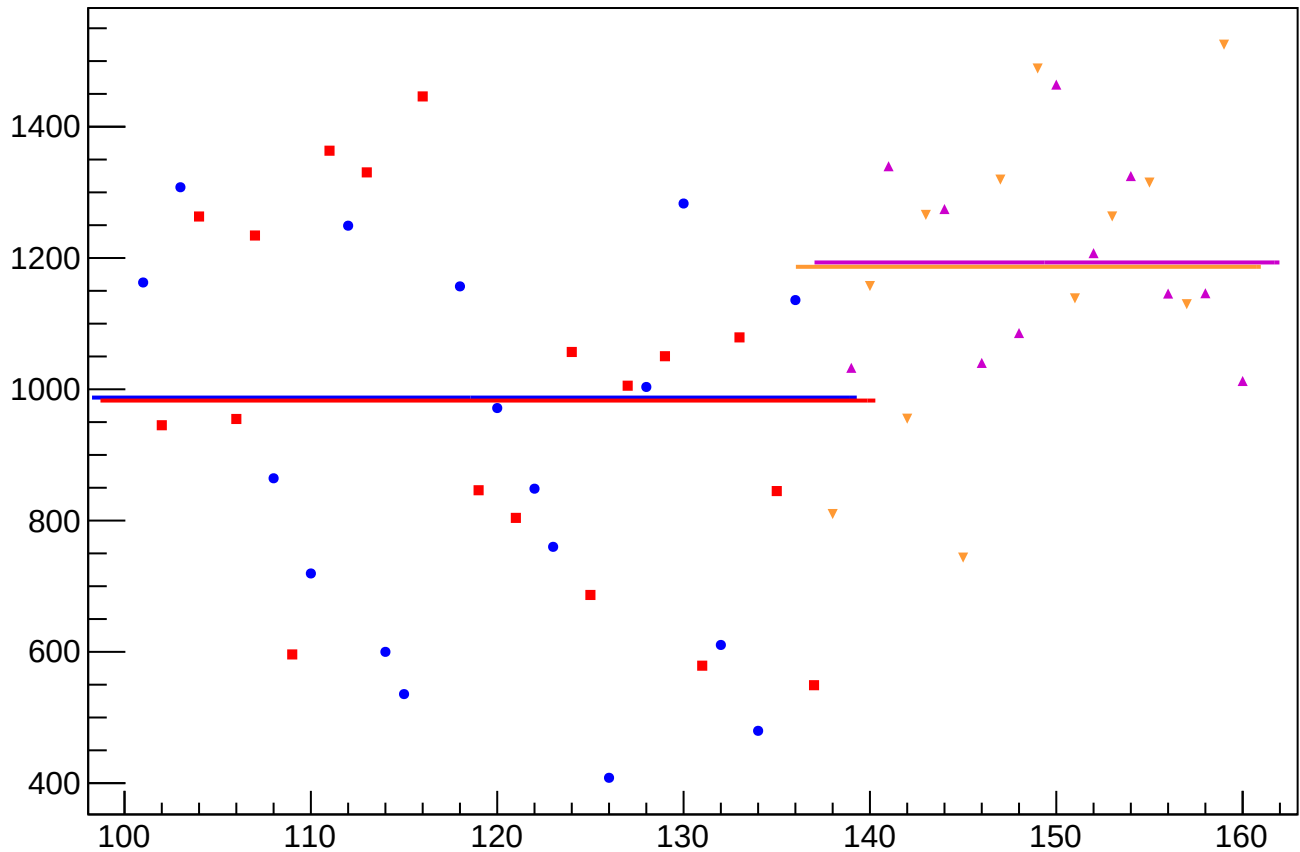
+ sign 115799.833 $\pm$ 0.000 χ^2/NDF : 661550430846
 All: 117995.024 $\pm$ 0.000 χ^2/NDF : 154233563
 - sign 120130.275 $\pm$ 0.000 χ^2/NDF : 865546841215

dit_atr2_coil7_err_mean vs Slug



Right In: 3260.820 ± 0.000 $\chi^2/\text{NDF}: 672456168638567614426723356415113560064.0/16$
 Left Out: 2888.367 ± 0.000 $\chi^2/\text{NDF}: 753668821958591987367767496119843553280.0/11$
 Right Out: 4256.861 ± 0.000 $\chi^2/\text{NDF}: 15744364448860197338037677656678376407040.0/17$
 Left In: 2846.533 ± 0.000 $\chi^2/\text{NDF}: 228998195535204617287883903315551977472.0/10$

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

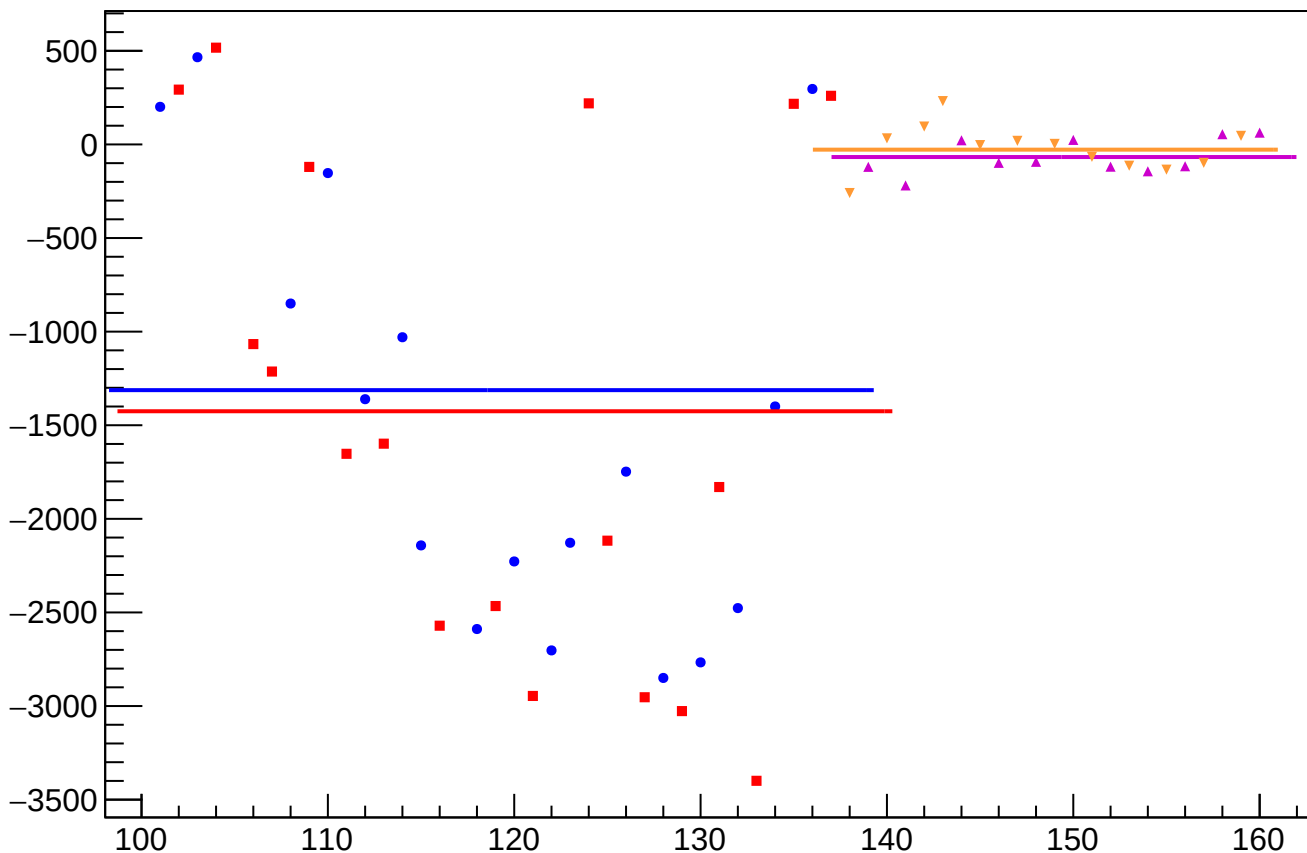
Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

dit_sam1_coil7_mean vs Slug



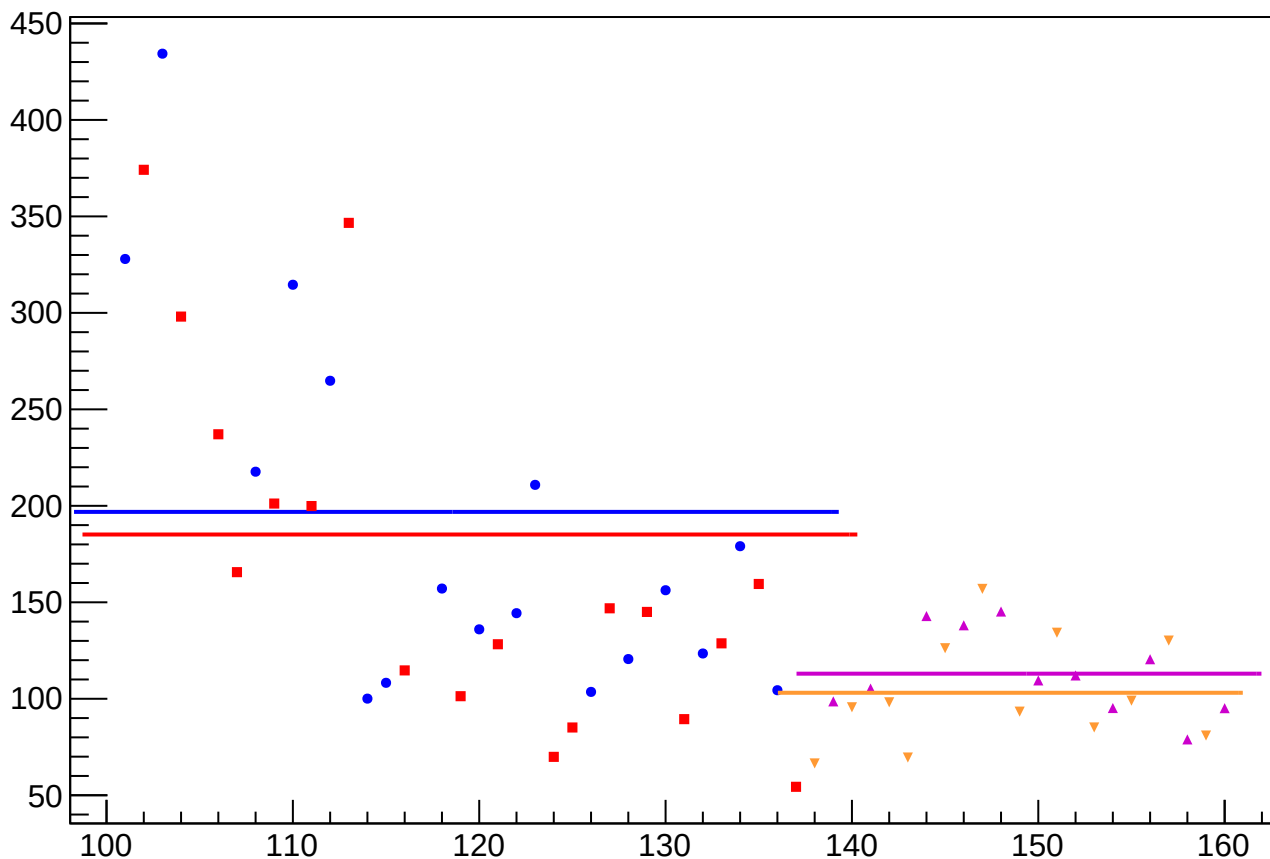
Right In: -1312.539 ± 0.000 χ^2/NDF : 1111791822009253468495433607153226612736.0/16

+ sign -584.068 ± 0.000 χ^2/NDF : 17736962722786
 Left Out: -27.898 ± 0.000 χ^2/NDF : 12443192627710109481350397021099393024.0/11

All: -620.791 ± 0.000 χ^2/NDF : 37915549619
 Right Out: -1425.319 ± 0.000 χ^2/NDF : 1259772432394270570555753847649915109376.0/17

- sign -656.511 ± 0.000 χ^2/NDF : 201359414612914
 Left In: -67.340 ± 0.000 χ^2/NDF : 7344542288743460655103542950920978432.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 196.858+/-0.000 χ^2/NDF : 7337666778319090402870822115647422464.0/16

Left Out: 103.111+/-0.000 χ^2/NDF : 658393761495499558426534507754553344.0/11

Right Out: 185.135+/-0.000 χ^2/NDF : 6160706554997434160213032977968398336.0/17

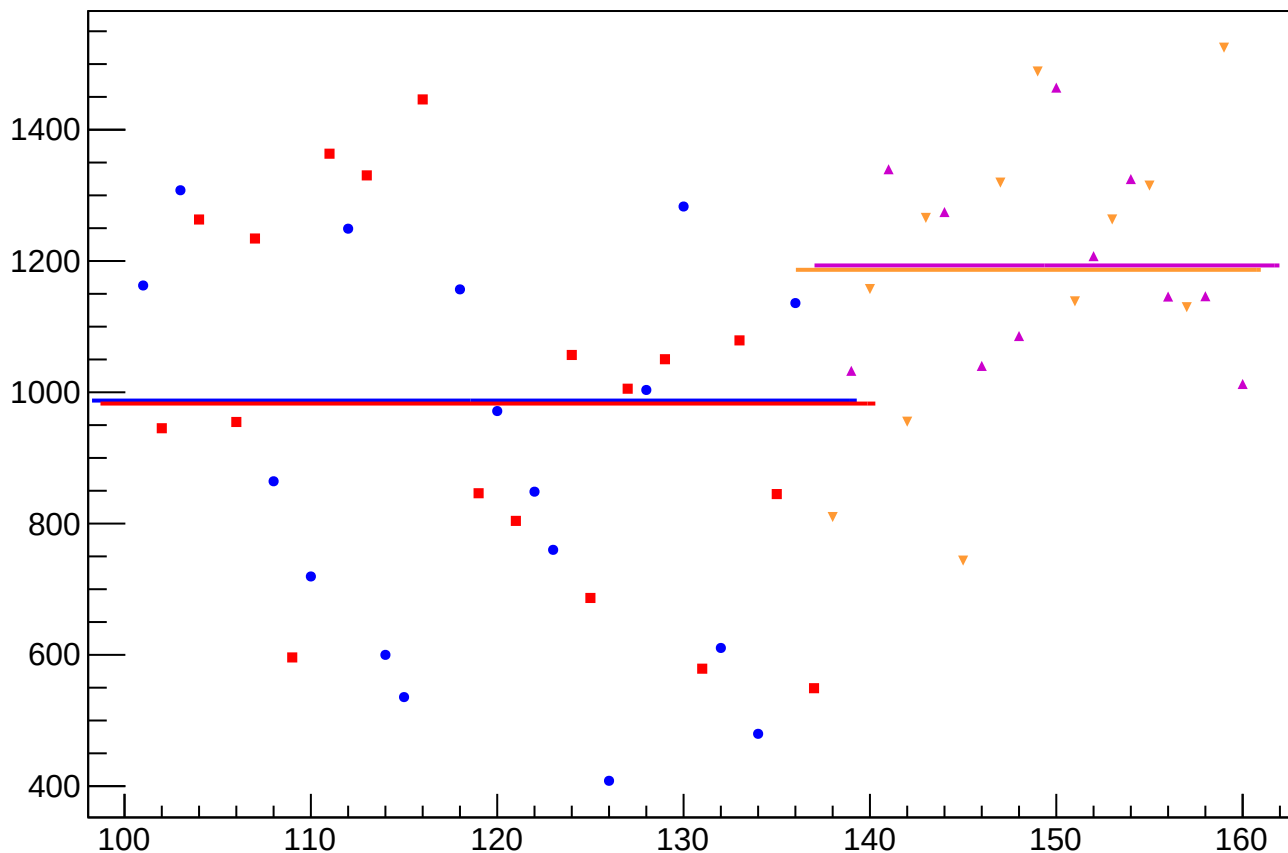
Left In: 113.009+/-0.000 χ^2/NDF : 394825243882053718517351386298974208.0/10

All: 144.004+/-0.000 χ^2/NDF : 201163236509

+ sign 143.697+/-0.000 χ^2/NDF : 114546885560905

- sign 144.302+/-0.000 χ^2/NDF : 866133834293192

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

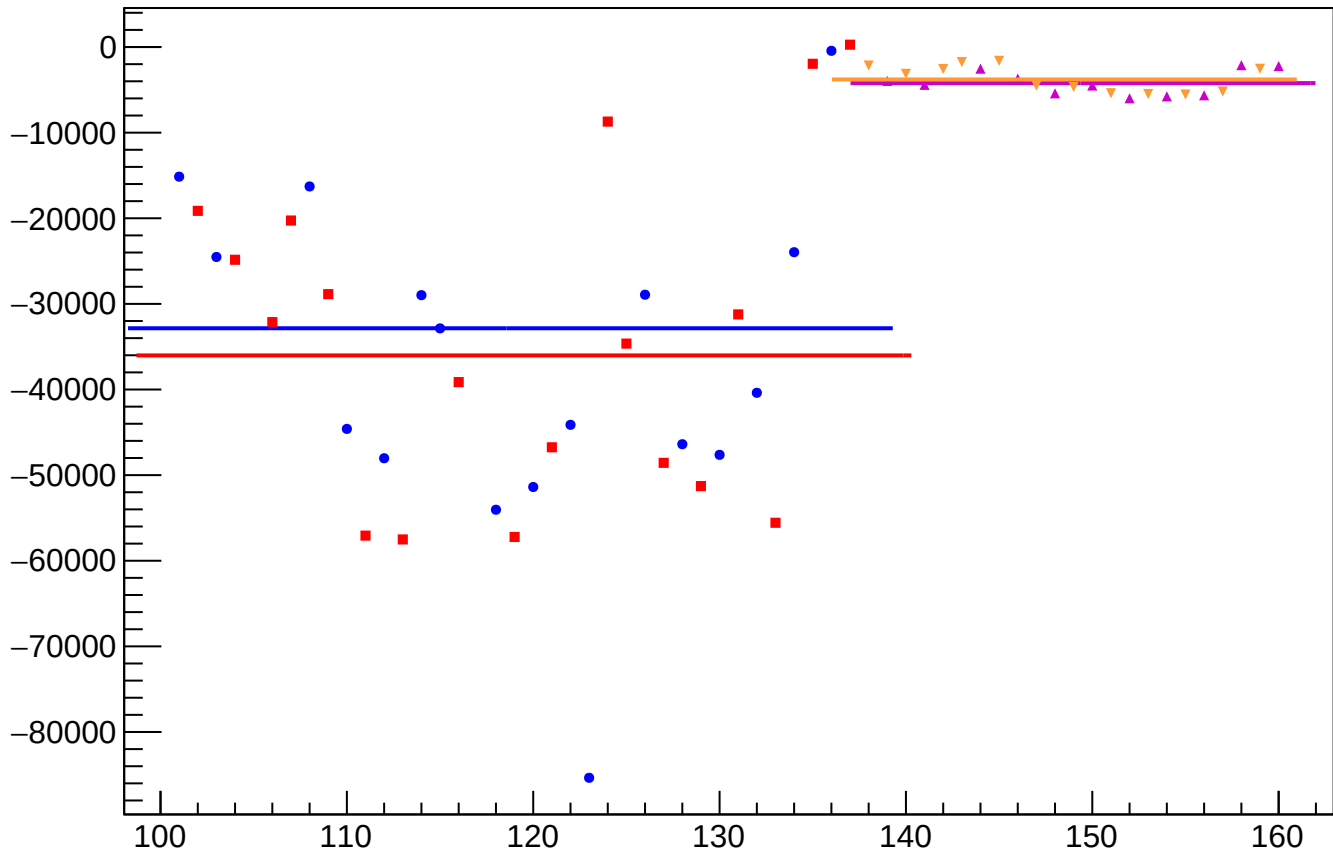
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

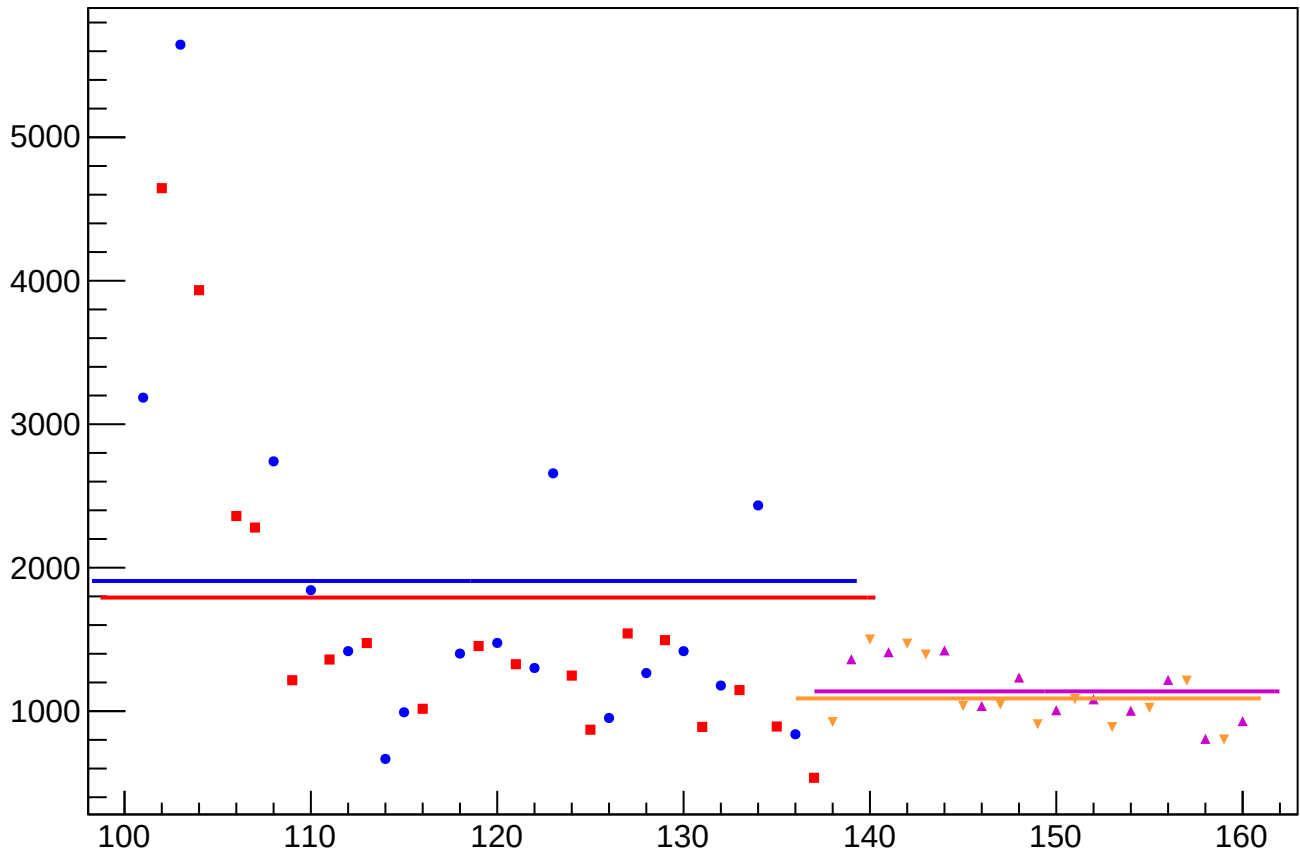
dit_sam2_coil7_mean vs Slug



Right In: -32846.038+/-0.000 χ^2/NDF : 219637368732777746312600570455176987541504.0/16
 Left Out: -3785.473+/-0.000 χ^2/NDF : 2024140029118734707580792113032155103232.0/11
 Right Out: -36017.918+/-0.000 χ^2/NDF : 228867649175680979480074989628486510968832.0/17
 Left In: -4210.293+/-0.000 χ^2/NDF : 1745128048653719102038328653644061212672.0/10

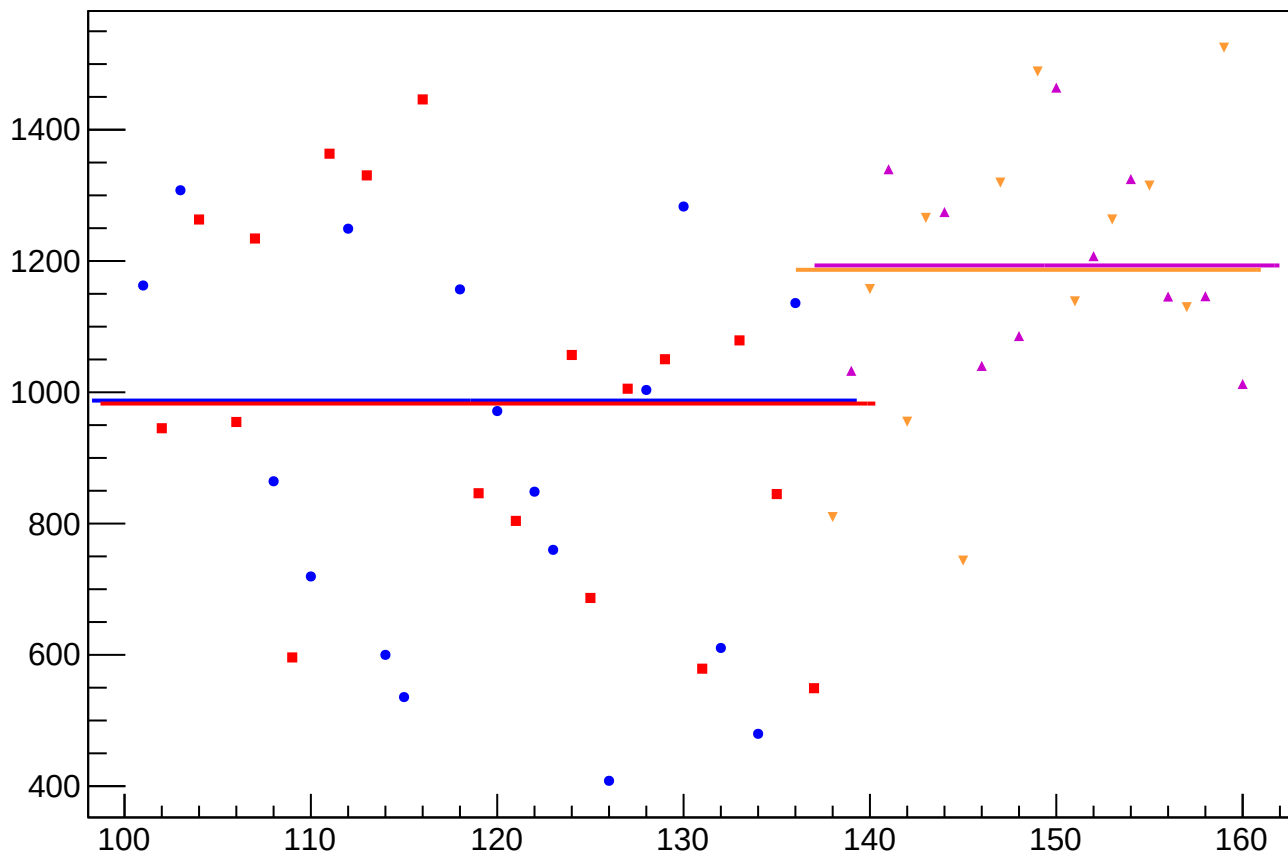
+ sign -16366.903+/-0.000 χ^2/NDF : 554013234847
 All: -17199.987+/-0.000 χ^2/NDF : 119635751
 - sign -18010.324+/-0.000 χ^2/NDF : 640149597479

dit_sam2_coil7_err_mean vs Slug



Right In: 1907.271 $\pm$ 0.000 χ^2/NDF : 1224904405299911350916968067746563620864.0/16
 Left Out: 1088.725 $\pm$ 0.000 χ^2/NDF : 43426775502308875672481877774003339264.0/11
 Right Out: 1791.825 $\pm$ 0.000 χ^2/NDF : 941640864566938486349149292441762791424.0/17
 Left In: 1137.882 $\pm$ 0.000 χ^2/NDF : 35720611822327029625984911153333010432.0/10

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

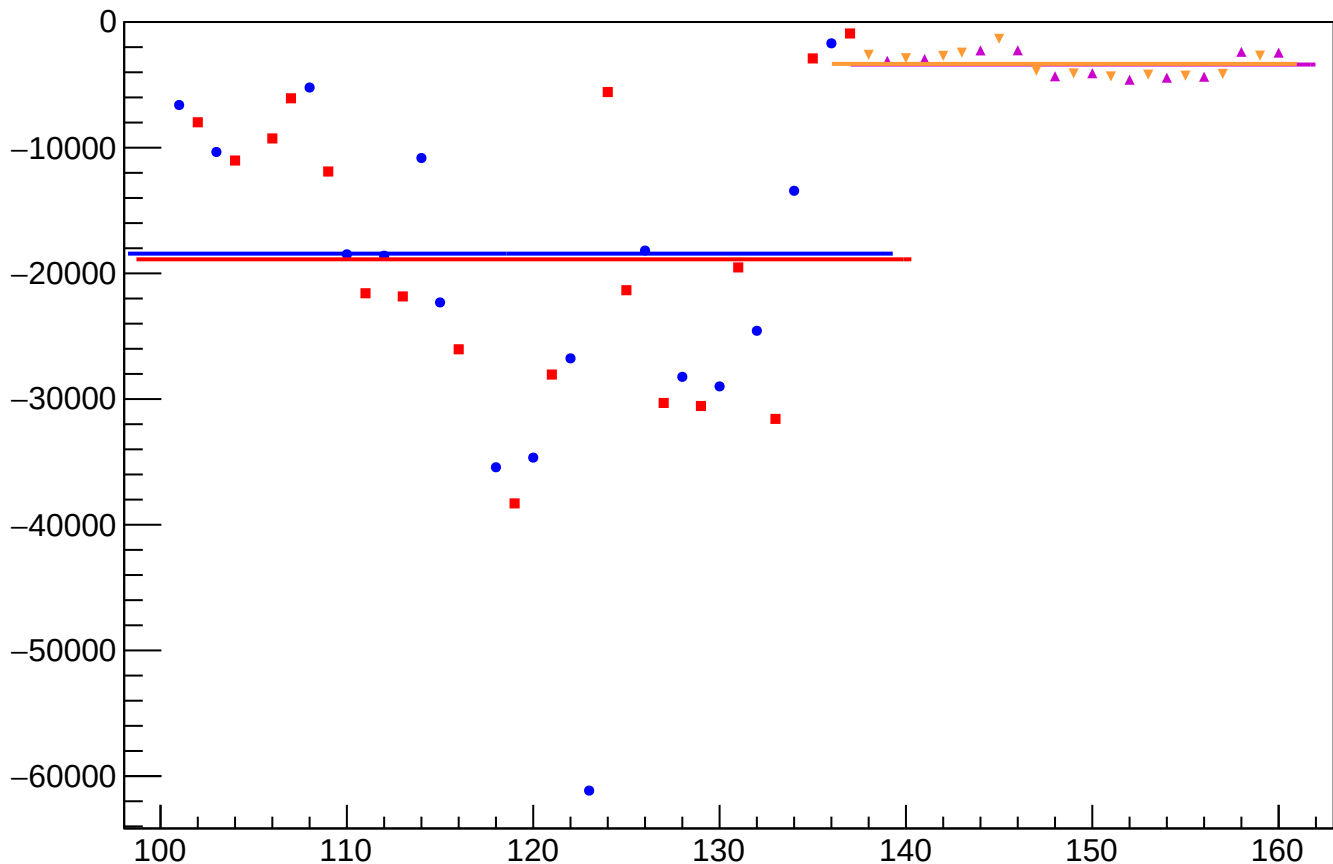
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam3_coil7_mean vs Slug



Right In: -18428.768+/-0.000 χ^2/NDF : 91790167940984507561863911678204862005248.0/16

Left Out: -3330.218+/-0.000 χ^2/NDF : 801638931401536809328175362972460253184.0/11

Right Out: -18880.571+/-0.000 χ^2/NDF : 85627666736634579824962235279591398703104.0/17

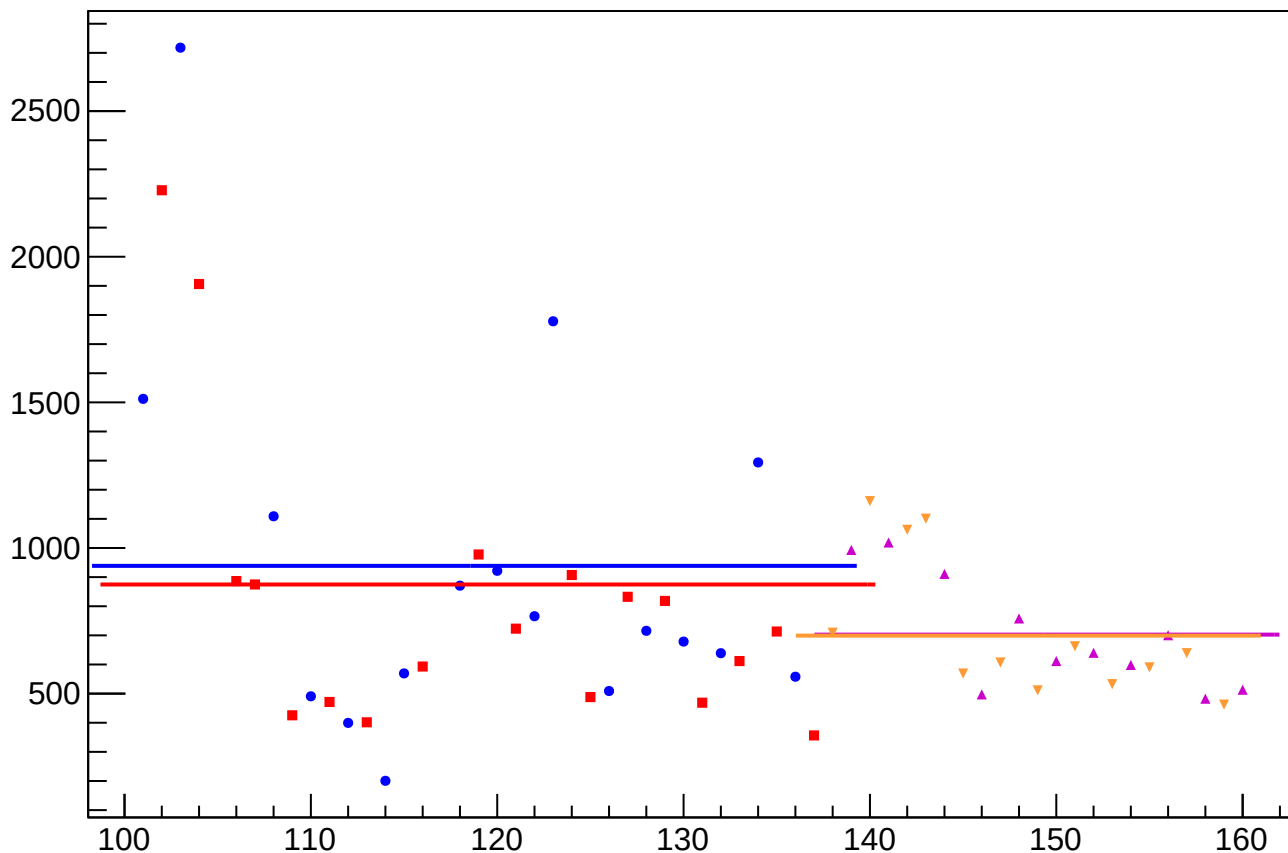
Left In: -3383.309+/-0.000 χ^2/NDF : 816279200160971630569460981745055694848.0/10

+ sign -9866.958+/-0.000 χ^2/NDF : 1823058279911

All: -9988.609+/-0.000 χ^2/NDF : 3660131831

- sign -10106.939+/-0.000 χ^2/NDF : 1836605571532

dit_sam3_coil7_err_mean vs Slug



Right In: 938.658 $\pm$ 0.000 χ^2 /NDF: 274123287156186942430302567816841134080.0/16

Left Out: 699.181 $\pm$ 0.000 χ^2 /NDF: 47485076871287899089179265063714816000.0/11

Right Out: 874.671 $\pm$ 0.000 χ^2 /NDF: 212705560210060381413787152265269739520.0/17

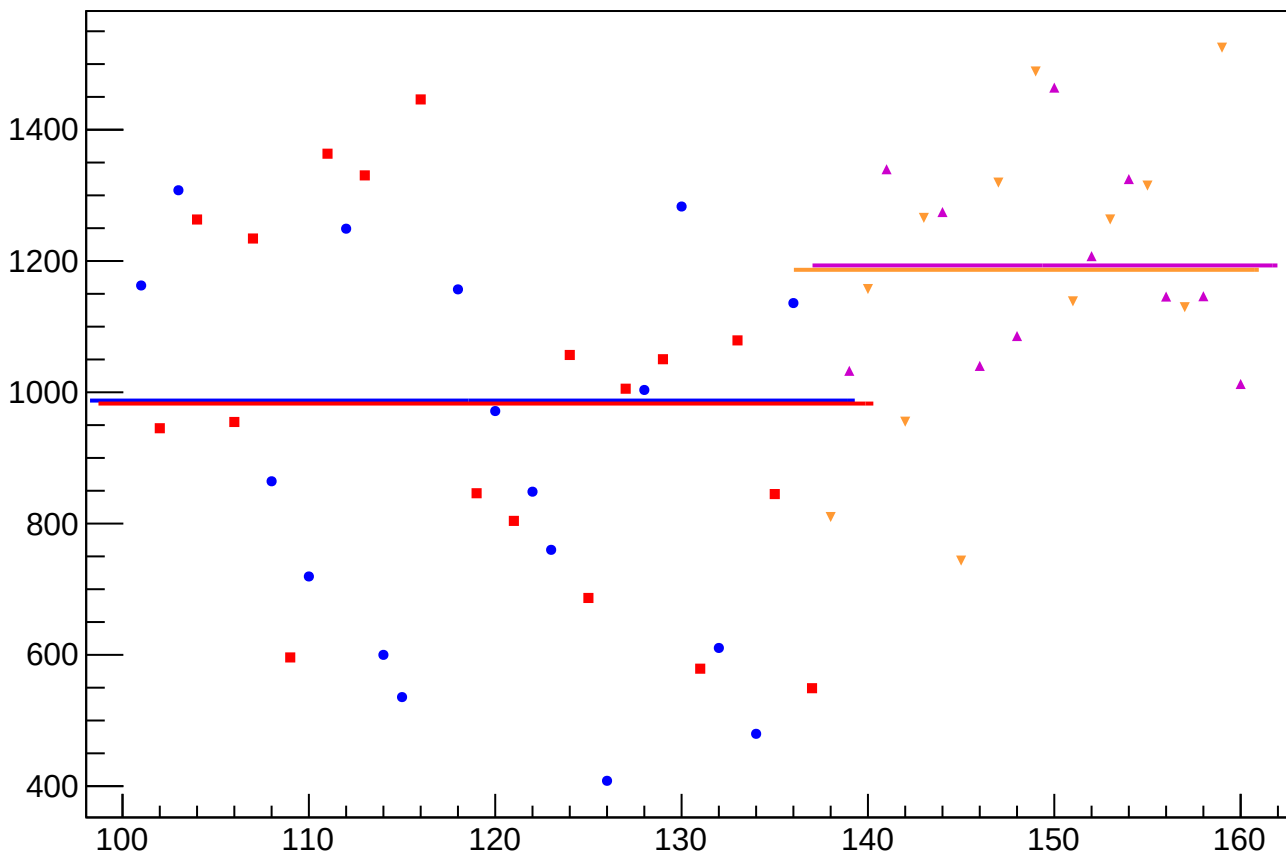
Left In: 702.545 $\pm$ 0.000 χ^2 /NDF: 31919745309700759426030449402090356736.0/10

+ sign 802.860 $\pm$ 0.000 χ^2 /NDF: 344177515129287

All: 789.864 $\pm$ 0.000 χ^2 /NDF: 601329698427

- sign 777.223 $\pm$ 0.000 χ^2 /NDF: 256618133960327

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

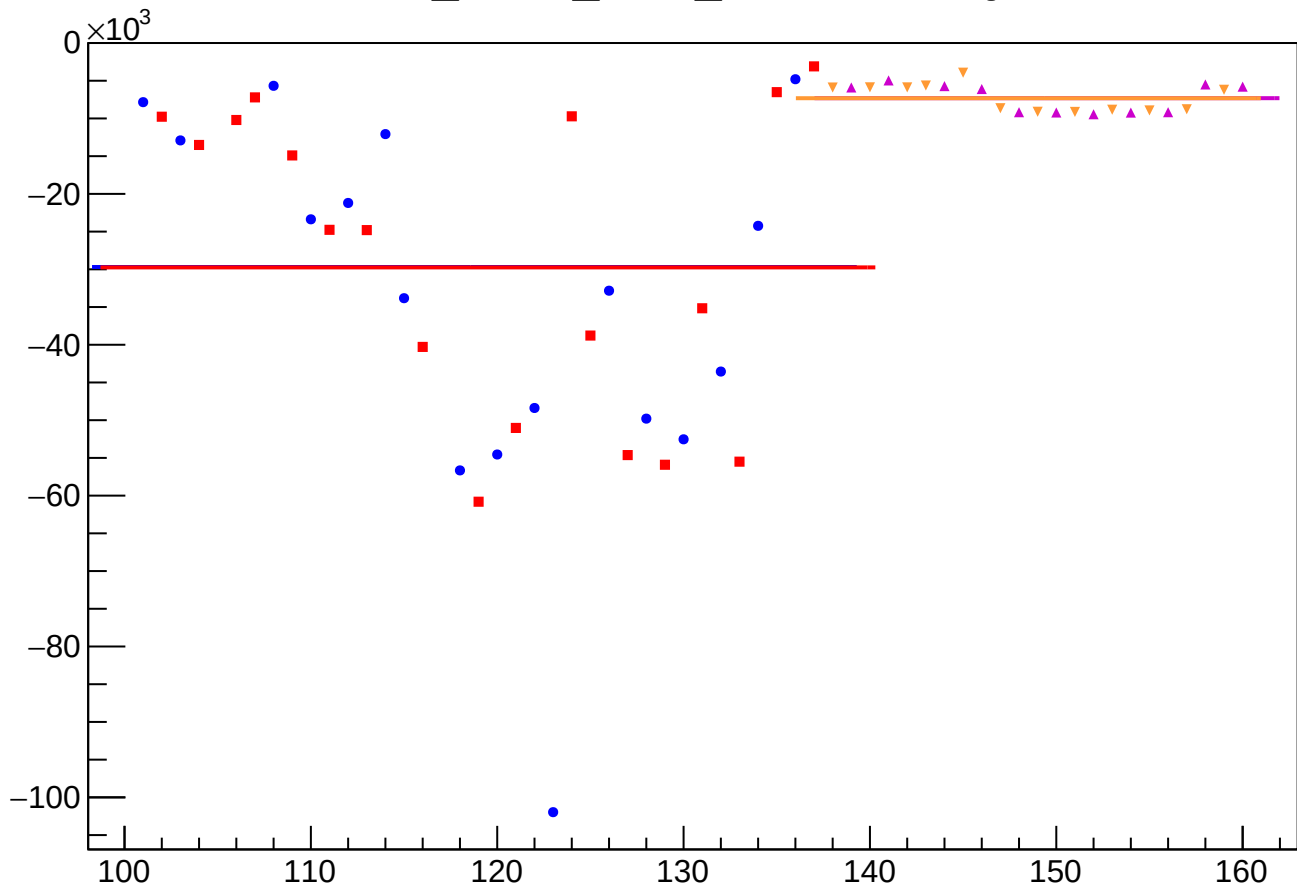
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

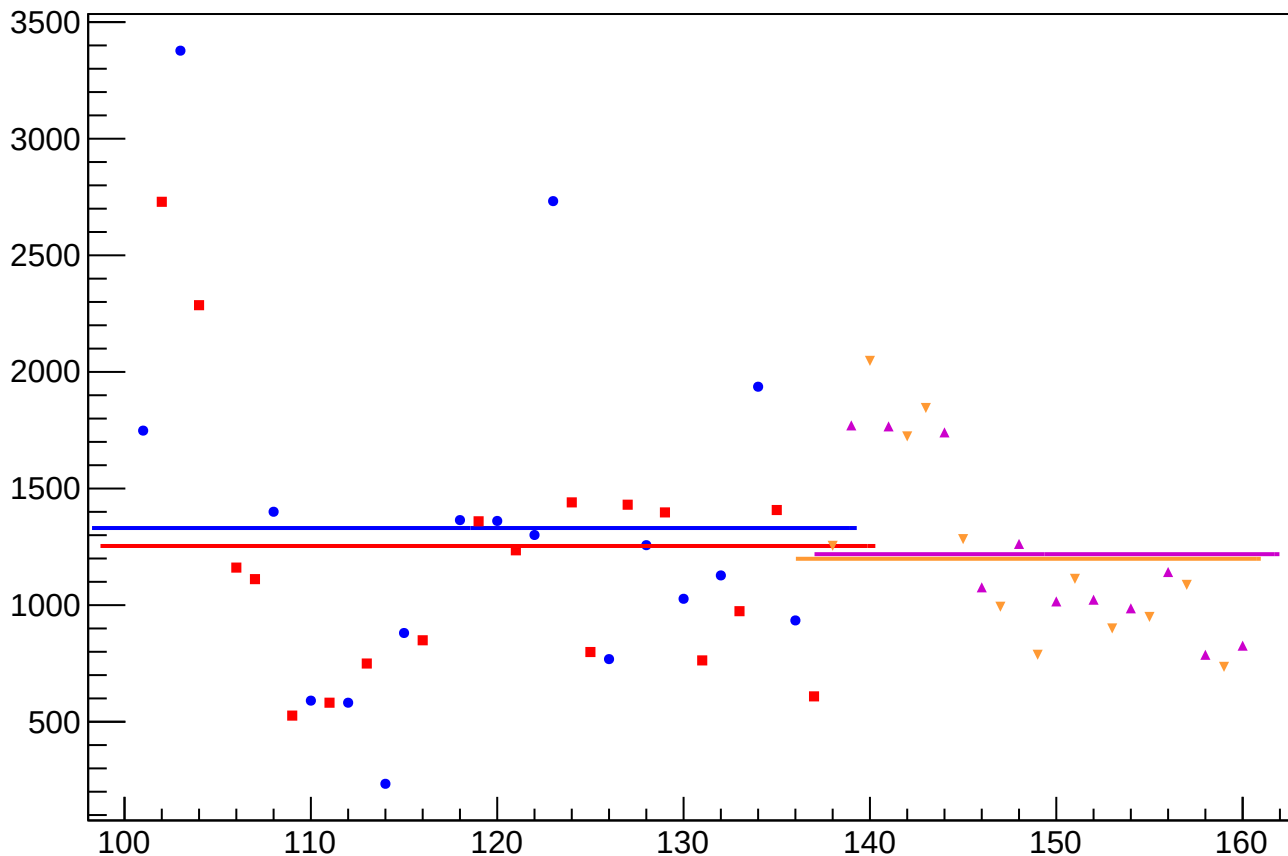
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam4_coil7_mean vs Slug



Right In: -29694.846 ± 0.000 χ^2/NDF : 282999478252028644685471433230520510578688.0/16
 Left Out: -7317.919 ± 0.000 χ^2/NDF : 2833730252125360195766219580881057611776.0/11
 Right Out: -29744.384 ± 0.000 χ^2/NDF : 283667805670372144788905534129497910018048.0/17
 Left In: -7312.611 ± 0.000 χ^2/NDF : 3060303804070457713816420667232681459712.0/10
 All: -17025.565 ± 0.000 χ^2/NDF : 973303423
 + sign -17005.747 ± 0.000 χ^2/NDF : 482889699815
 - sign -17044.843 ± 0.000 χ^2/NDF : 4904124813055

dit_sam4_coil7_err_mean vs Slug



Right In: 1330.668 $\pm$ 0.000 χ^2 /NDF: 371034150705348959312326123153556242432.0/16

Left Out: 1198.833 $\pm$ 0.000 χ^2 /NDF: 149280196072306589418447697644691128320.0/11

Right Out: 1253.657 $\pm$ 0.000 χ^2 /NDF: 276351047411985398179849131600767877120.0/17

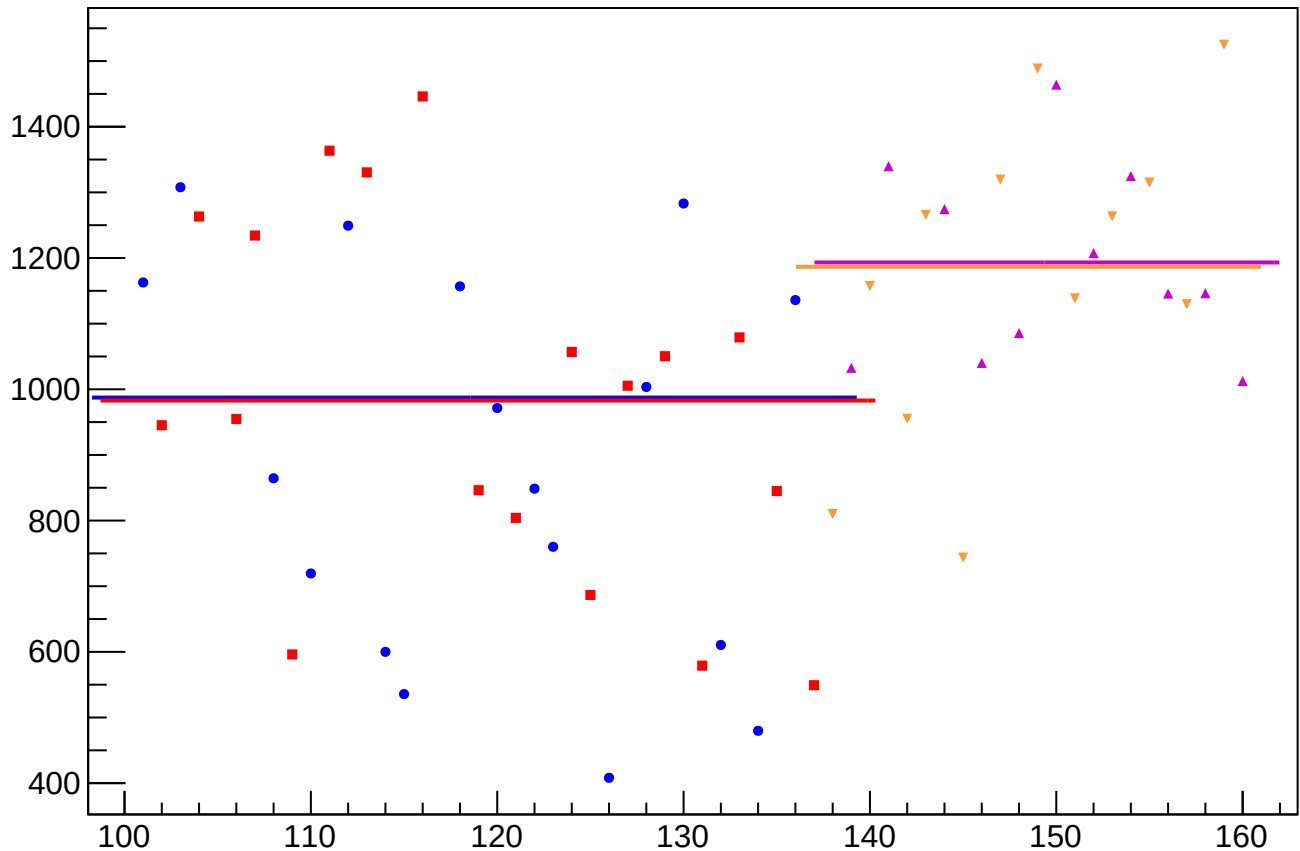
Left In: 1218.551 $\pm$ 0.000 χ^2 /NDF: 116488756058911306830868466308868997120.0/10

+ sign 1255.910 $\pm$ 0.000 χ^2 /NDF: 52715430621257

All: 1244.692 $\pm$ 0.000 χ^2 /NDF: 92089086990

- sign 1233.782 $\pm$ 0.000 χ^2 /NDF: 39333868628059

dit_sam4_coil7_Ndata_mean vs Slug



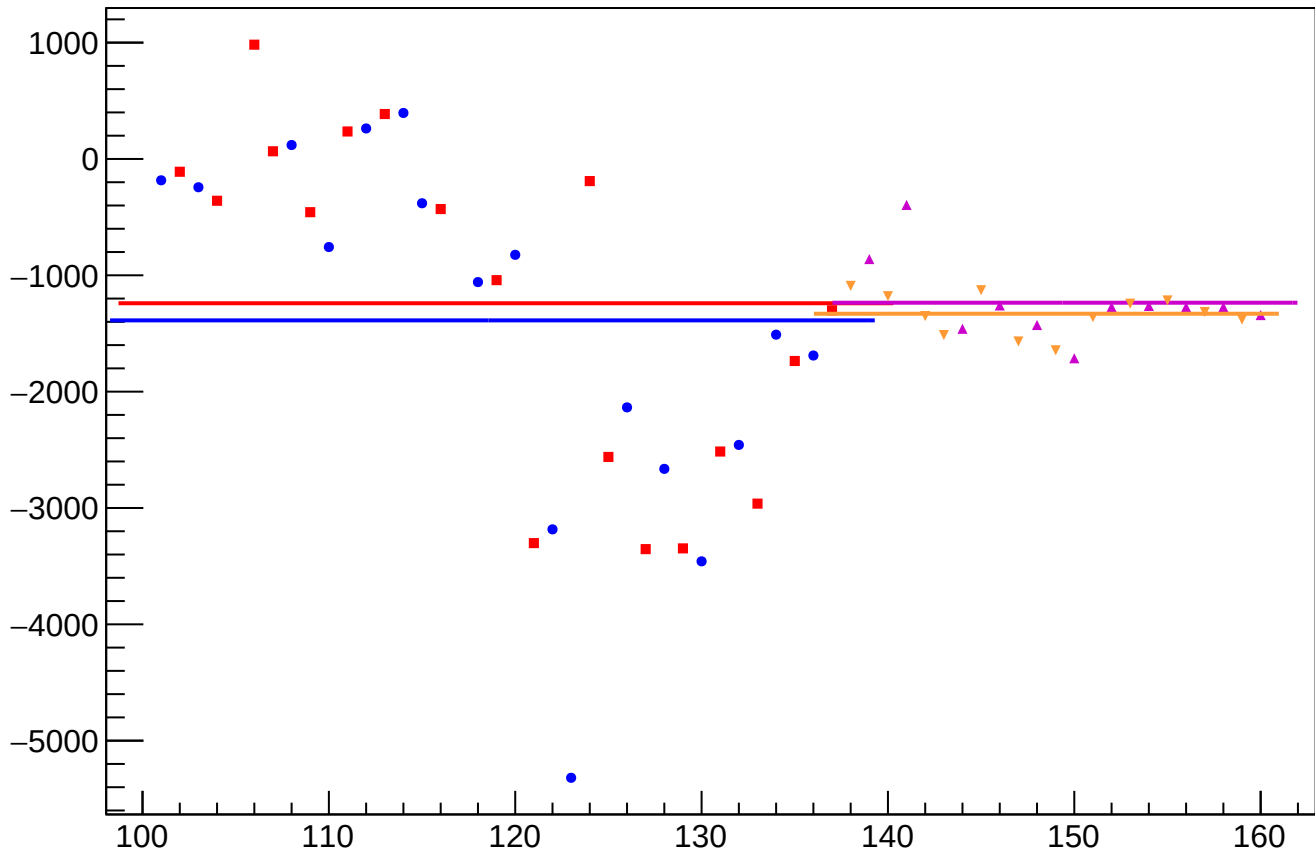
Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

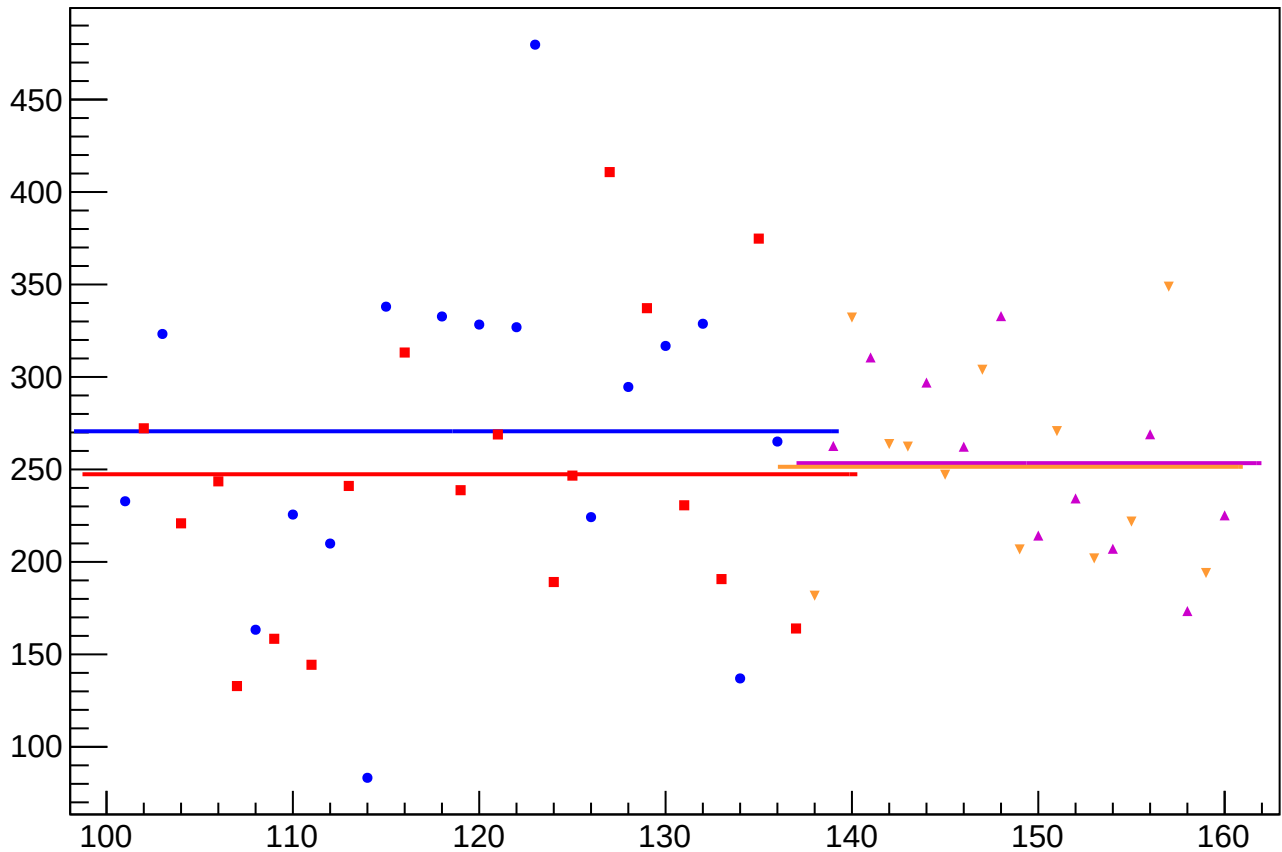
dit_sam5_coil7_mean vs Slug



Right In: -1387.447+/-0.000	χ^2/NDF : 1052649963447979198116034562243591929856.0/16
Left Out: -1330.420+/-0.000	χ^2/NDF : 26483457480768378875041680320691699712.0/11
Right Out: -1240.179+/-0.000	χ^2/NDF : 1416369744921748520391717301088168181760.0/17
Left In: -1235.621+/-0.000	χ^2/NDF : 101175024554514162187059760134266814464.0/10

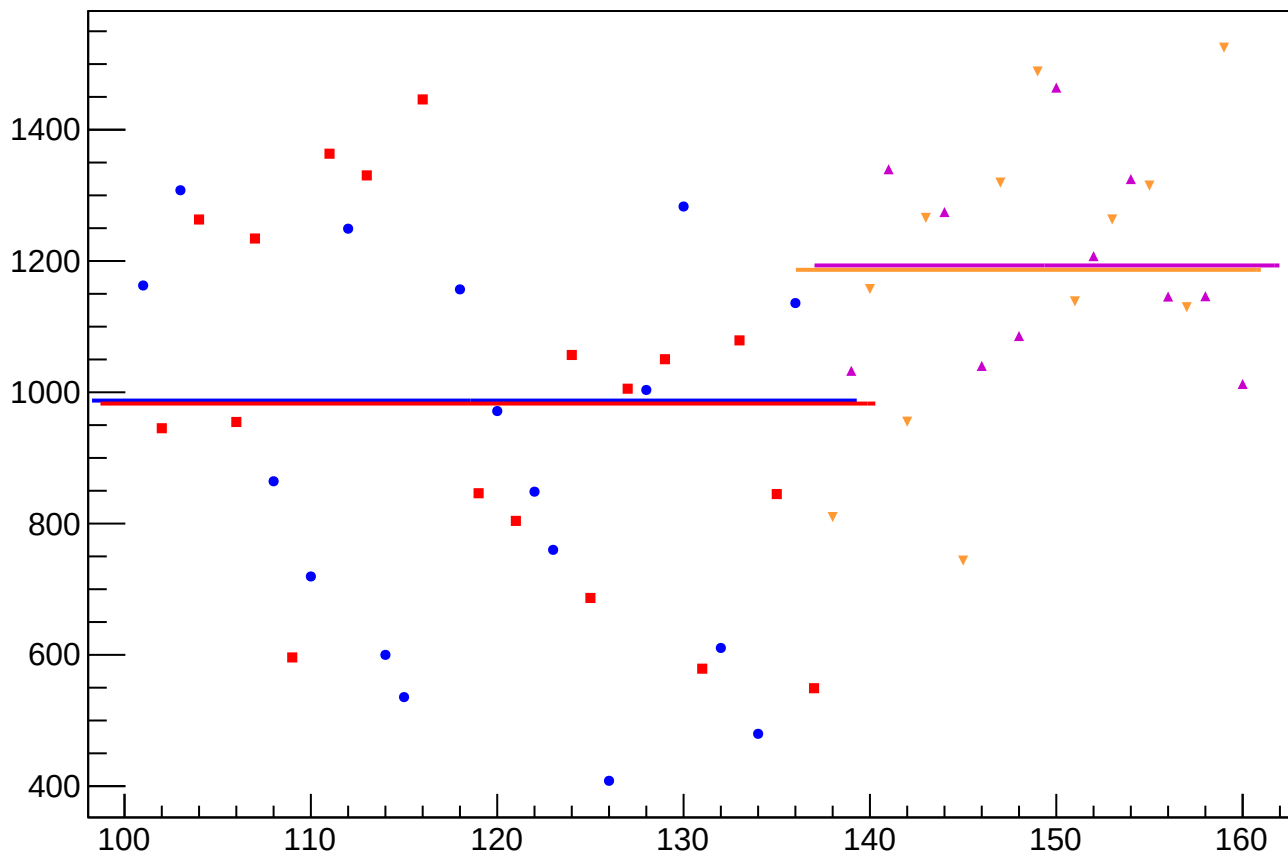
+ sign -1355.110+/-0.000 χ^2/NDF : 1080413237028
 All: -1295.541+/-0.000 χ^2/NDF : 2609187389
 - sign -1237.599+/-0.000 χ^2/NDF : 15175531795732

dit_sam5_coil7_err_mean vs Slug



Right In: 270.634+/-0.000	χ^2/NDF : 2782961301444799640631413817001115648.0/16
Left Out: 251.431+/-0.000	χ^2/NDF : 2584936508665838554891763249678647296.0/11
Right Out: 247.395+/-0.000	χ^2/NDF : 4145415912975495896207578940101885952.0/17
Left In: 253.400+/-0.000	χ^2/NDF : 1956558228349454722124070225585373184.0/10
+ sign 259.744+/-0.000 χ^2/NDF : 551301920685929 All: 255.208+/-0.000 χ^2/NDF : 116946735733 - sign 250.795+/-0.000 χ^2/NDF : 611657187843847	

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

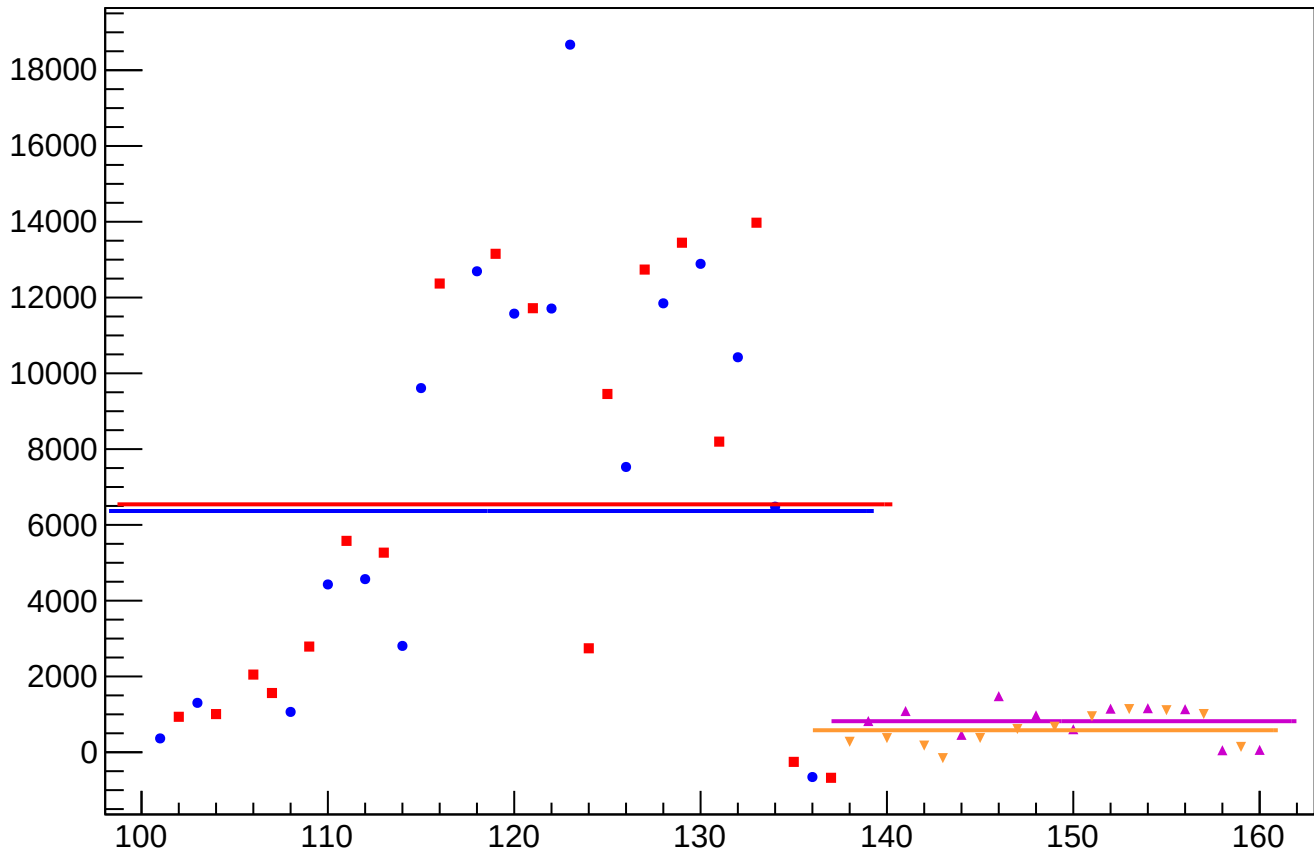
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

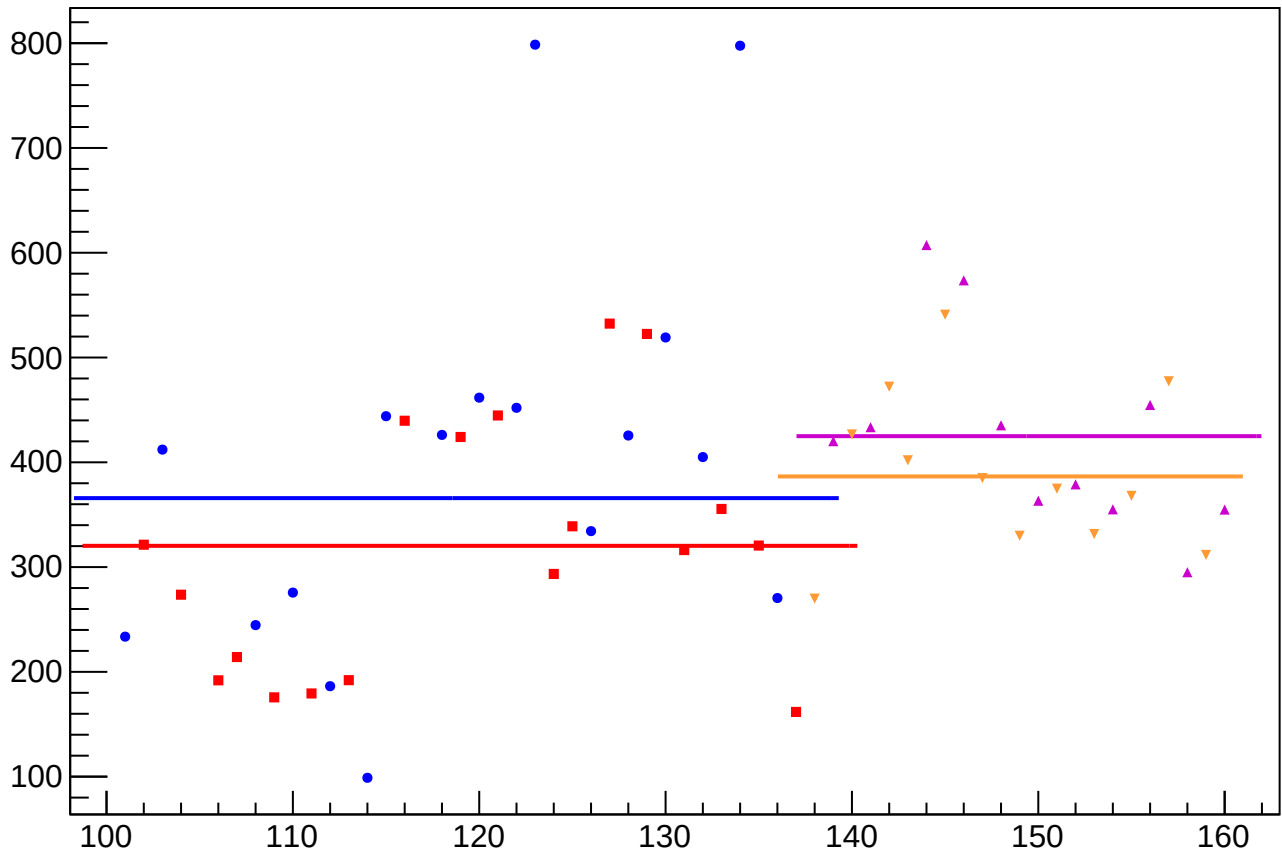
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam6_coil7_mean vs Slug



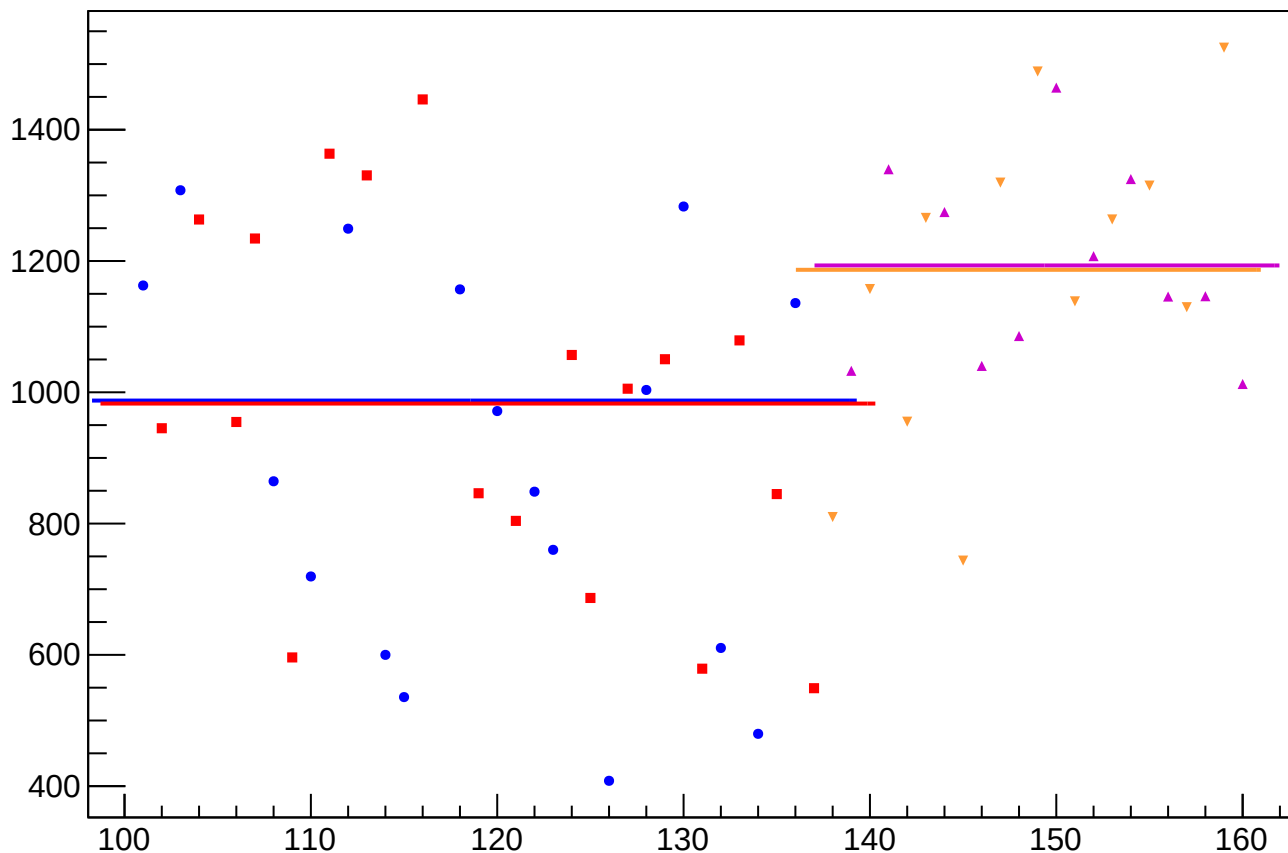
Right In: 6366.506+/-0.000 χ^2/NDF : 19013791293174950781662205946475975802880.0/16
 Left Out: 580.460+/-0.000 χ^2/NDF : 147049020633782369498744411617383940096.0/11
 Right Out: 6542.482+/-0.000 χ^2/NDF : 19769956838076333850932350219813545574400.0/17
 Left In: 819.110+/-0.000 χ^2/NDF : 183157286760955615902217096477246750720.0/10
 + sign 3085.460+/-0.000 χ^2/NDF : 32335929066490
 All: 3195.354+/-0.000 χ^2/NDF : 65586954206
 - sign 3302.248+/-0.000 χ^2/NDF : 33212835876624

dit_sam6_coil7_err_mean vs Slug



Right In: 365.806+/-0.000 χ^2/NDF : 12360453443474503357525500563004850176.0/16
 Left Out: 386.511+/-0.000 χ^2/NDF : 5027608774007269972306139885841940480.0/11
 Right Out: 320.284+/-0.000 χ^2/NDF : 9463966273350706118112483440542613504.0/17
 Left In: 424.949+/-0.000 χ^2/NDF : 7621452352927450037498346719559024640.0/10

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

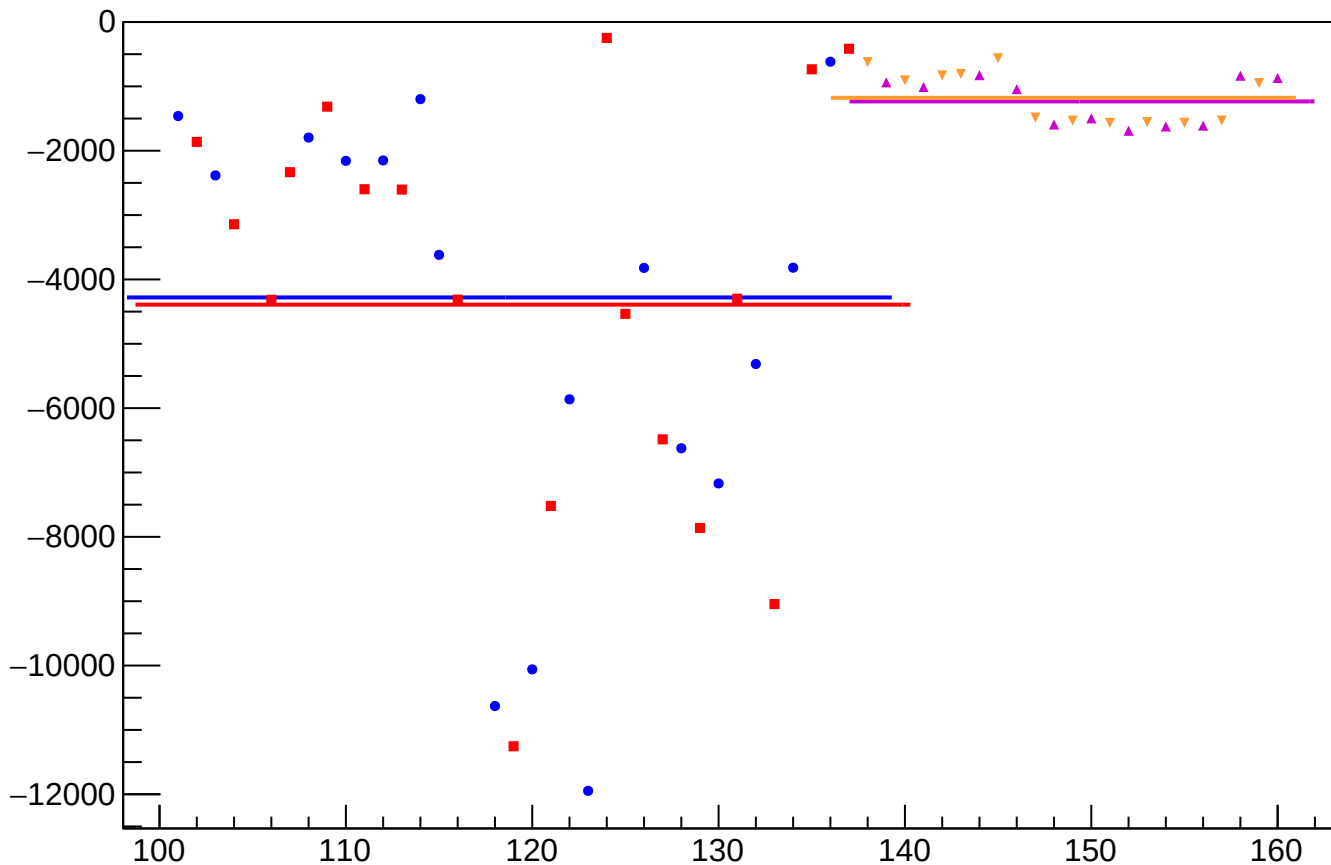
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

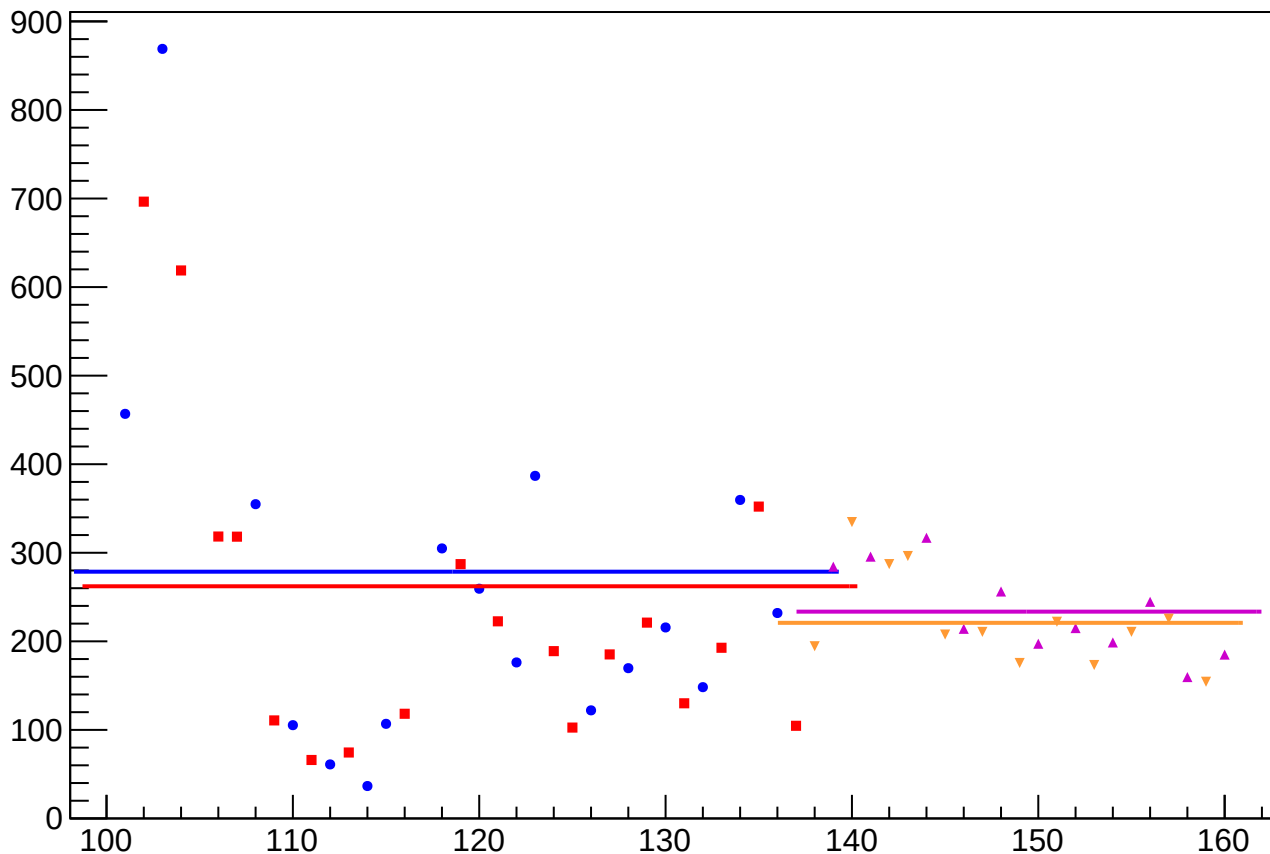
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam7_coil7_mean vs Slug



Right In: -4279.824+/-0.000 χ^2/NDF : 6998436131465727751461675089449726246912.0/16
 Left Out: -1178.229+/-0.000 χ^2/NDF : 141473895084928360538242951996197830656.0/11
 Right Out: -4391.806+/-0.000 χ^2/NDF : 7013803733920665719163942153165454966784.0/17
 Left In: -1234.217+/-0.000 χ^2/NDF : 113222953765781340341469389402247528448.0/10

dit_sam7_coil7_err_mean vs Slug



Right In: 278.633+/-0.000 χ^2/NDF : 30524296265206738304048515708883042304.0/16

Left Out: 220.880+/-0.000 χ^2/NDF : 2451153402301458952205629704112177152.0/11

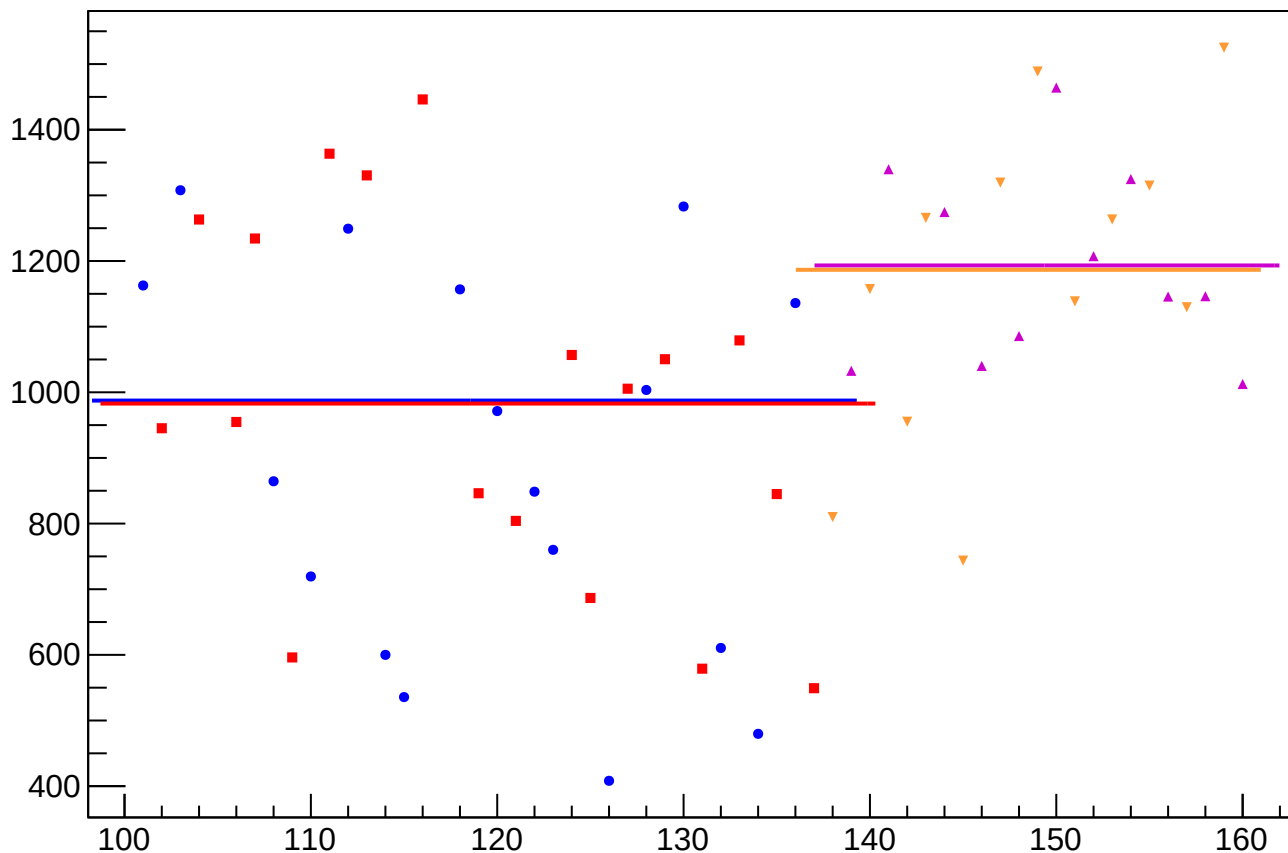
Right Out: 262.162+/-0.000 χ^2/NDF : 25748645086335087770789028222868652032.0/17

Left In: 233.520+/-0.000 χ^2/NDF : 2135124077253807192462629940293009408.0/10

All: 245.916+/-0.000 χ^2/NDF : 625039277808

- sign 245.946+/-0.000 χ^2/NDF : 282158478141649

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

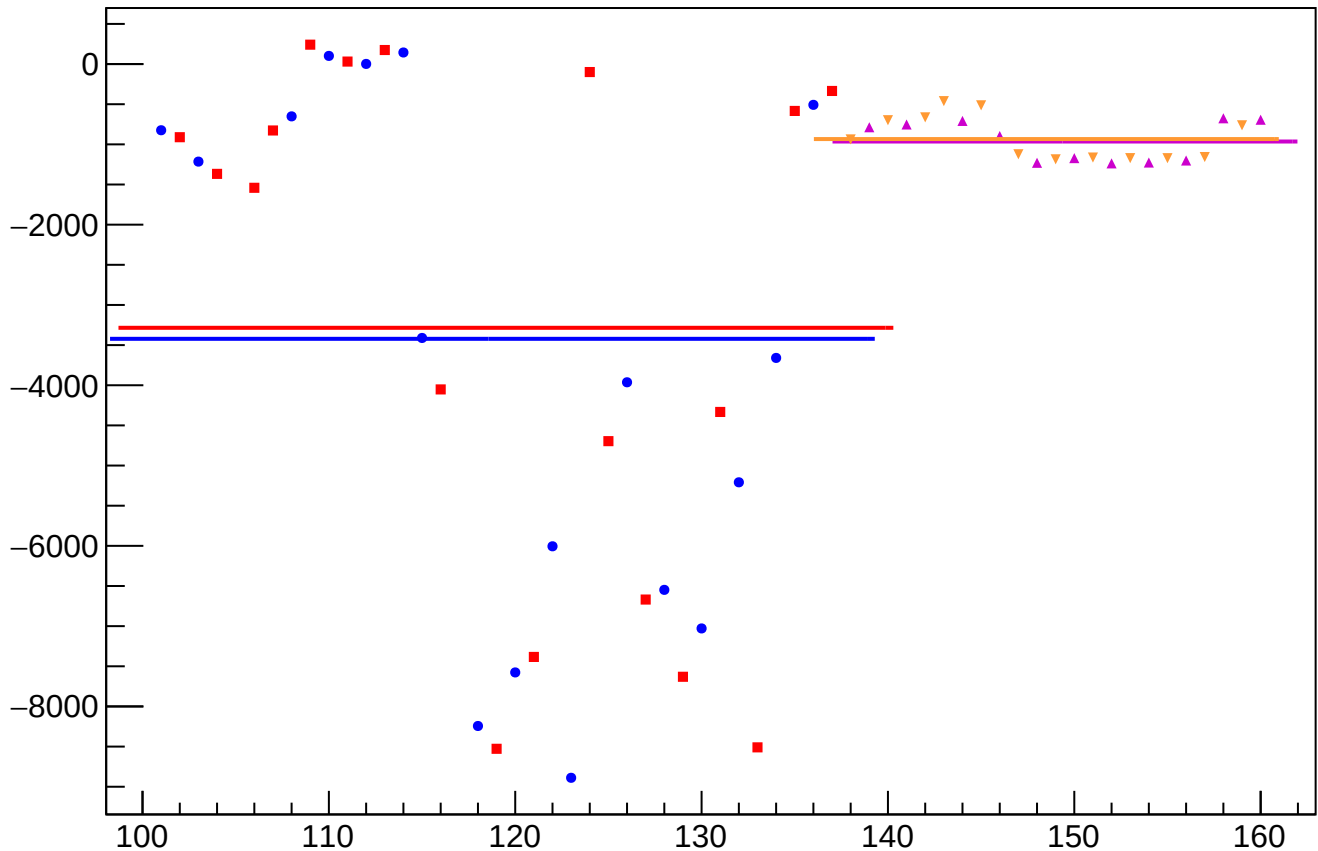
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam8_coil7_mean vs Slug



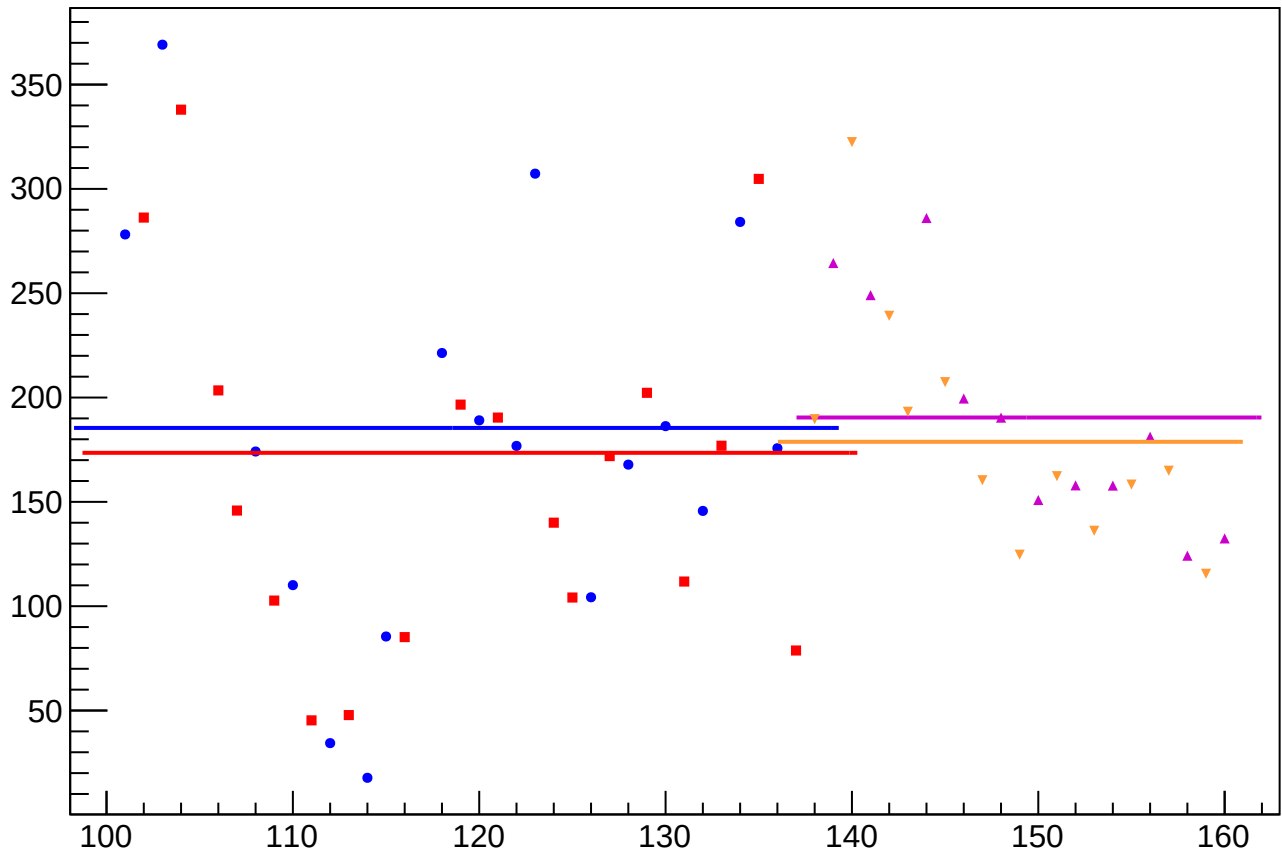
Right In: -3421.719+/-0.000 χ^2/NDF : 6462112736004972779572658363986020925440.0/16

Left Out: -933.972+/-0.000 χ^2/NDF : 64192639419401528934807333255243628544.0/11

Right Out: -3284.376+/-0.000 χ^2/NDF : 7820854185595313728450757047863572692992.0/17

Left In: -964.532+/-0.000 χ^2/NDF : 52328346838047917935593162774962765824.0/10

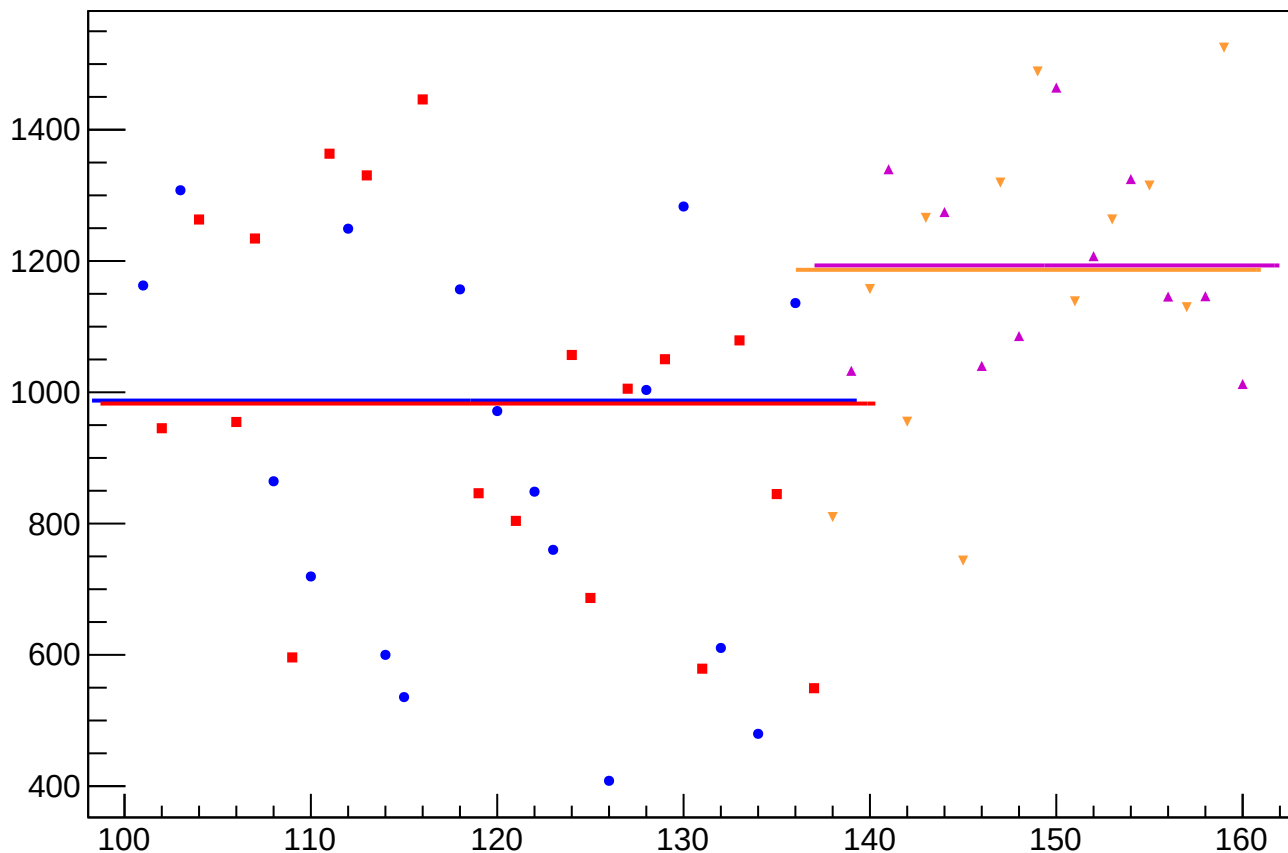
dit_sam8_coil7_err_mean vs Slug



Right In: 185.440 $\pm$ 0.000	χ^2/NDF : 4992999881975997017558054599194050560.0/16
Left Out: 178.789 $\pm$ 0.000	χ^2/NDF : 2761846974558217365203652056992186368.0/11
Right Out: 173.513 $\pm$ 0.000	χ^2/NDF : 5476704825855084602521292305195859968.0/17
Left In: 190.431 $\pm$ 0.000	χ^2/NDF : 2526907691148920878217594844913598464.0/10

+ sign 181.668 $\pm$ 0.000 χ^2/NDF : 777225827840699
 All: 182.390 $\pm$ 0.000 χ^2/NDF : 158933789592
 - sign 183.091 $\pm$ 0.000 χ^2/NDF : 811947607892109

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 987.388 ± 0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 ± 0.000 χ^2/NDF : 4976336201955548841298308984106647552.0/11

Right Out: 982.831 ± 0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

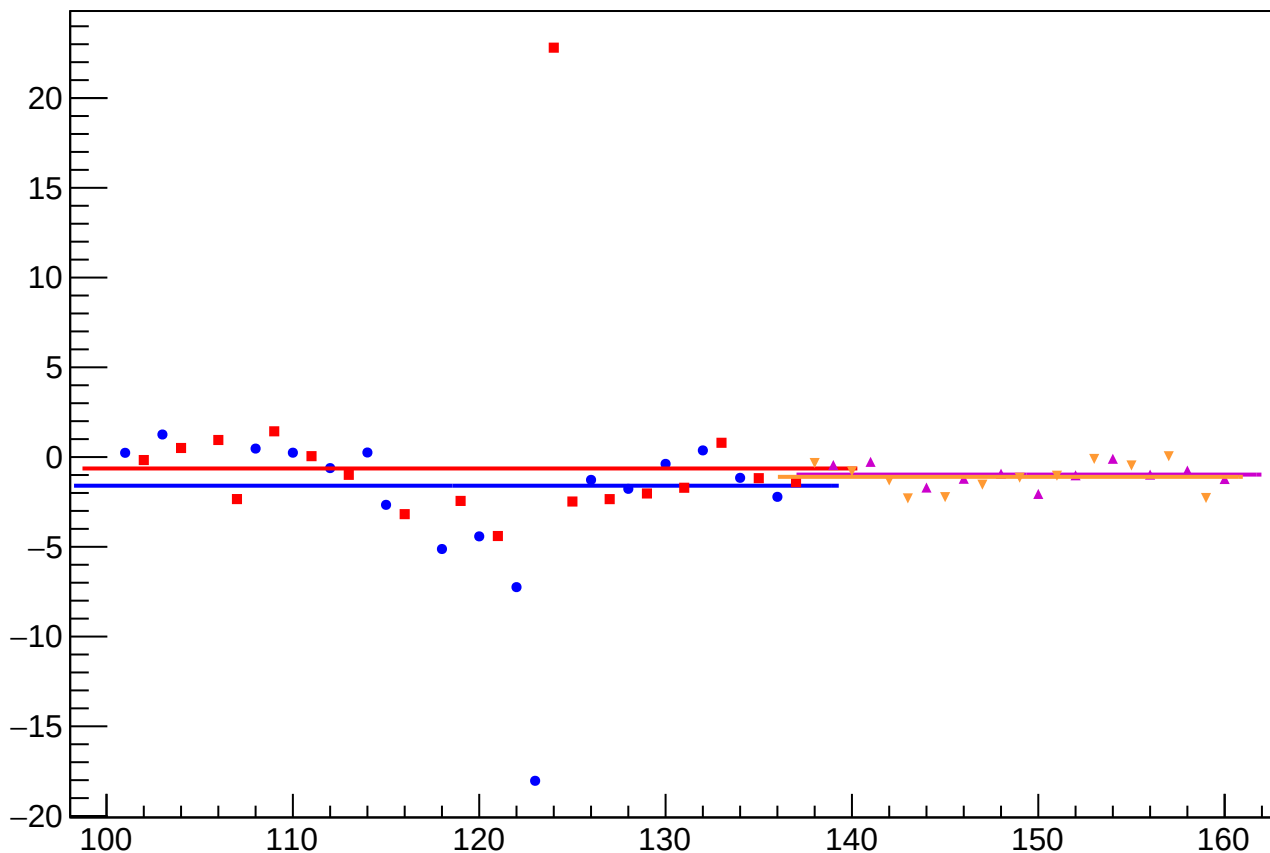
Left In: 1193.230 ± 0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350 ± 0.000 χ^2/NDF : 11795171358151

All: 1101.159 ± 0.000 χ^2/NDF : 20269903253

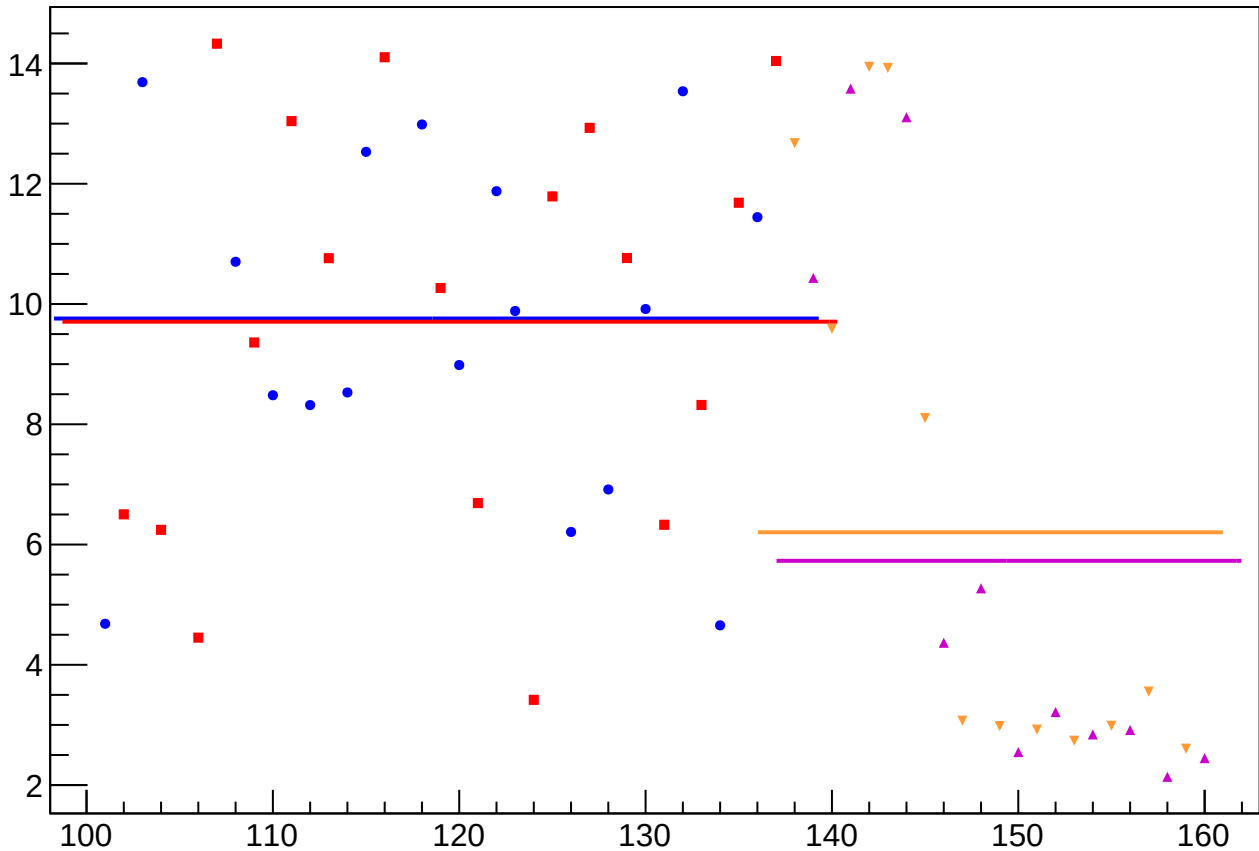
- sign 1101.947 ± 0.000 χ^2/NDF : 84745247462725

dit_4aX_coil4_mean vs Slug



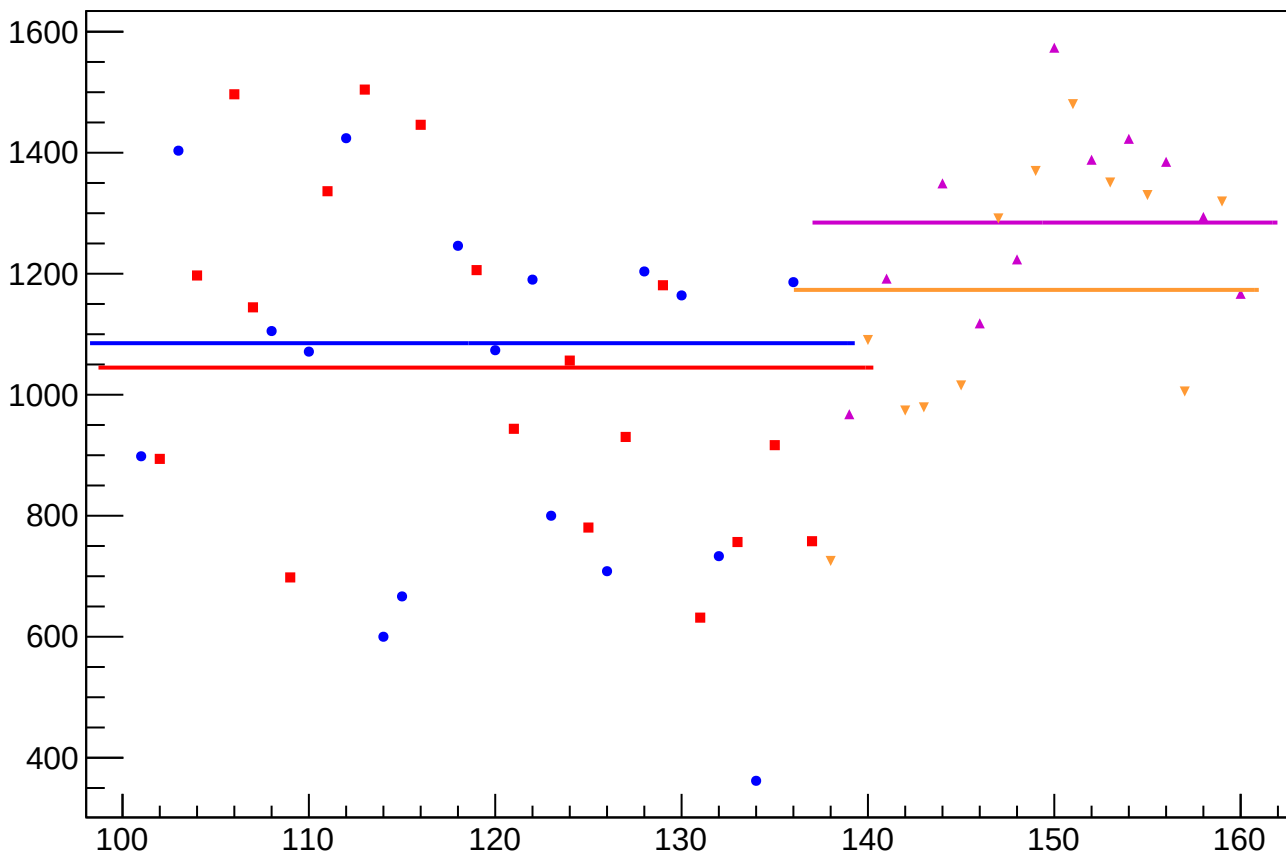
Right In: -1.596 ± 0.000 $\chi^2/\text{NDF}: 4654807928359892398673617982849024.0/16$
 Left Out: -1.102 ± 0.000 $\chi^2/\text{NDF}: 592180467002513566987832570937344.0/11$
 Right Out: -0.636 ± 0.000 $\chi^2/\text{NDF}: 9571048295343482409580772007608320.0/17$
 Left In: -0.977 ± 0.000 $\chi^2/\text{NDF}: 300890397650119639347670720446464.0/10$
 All: -1.069 ± 0.000 $\chi^2/\text{NDF}: 1545459407936$
 + sign -1.316 ± 0.000 $\chi^2/\text{NDF}: 5342982543147987$
 - sign -0.829 ± 0.000 $\chi^2/\text{NDF}: 99189735363559130$

dit_4aX_coil4_err_mean vs Slug



Right In: 9.759 ± 0.000 χ^2/NDF : 5805218601264248923404355625811968.0/16
 Left Out: 6.204 ± 0.000 χ^2/NDF : 17109991032954173502313359403384832.0/11
 Right Out: 9.706 ± 0.000 χ^2/NDF : 6508390621050403360774220706480128.0/17
 Left In: 5.730 ± 0.000 χ^2/NDF : 16834211139985692030618150983696384.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

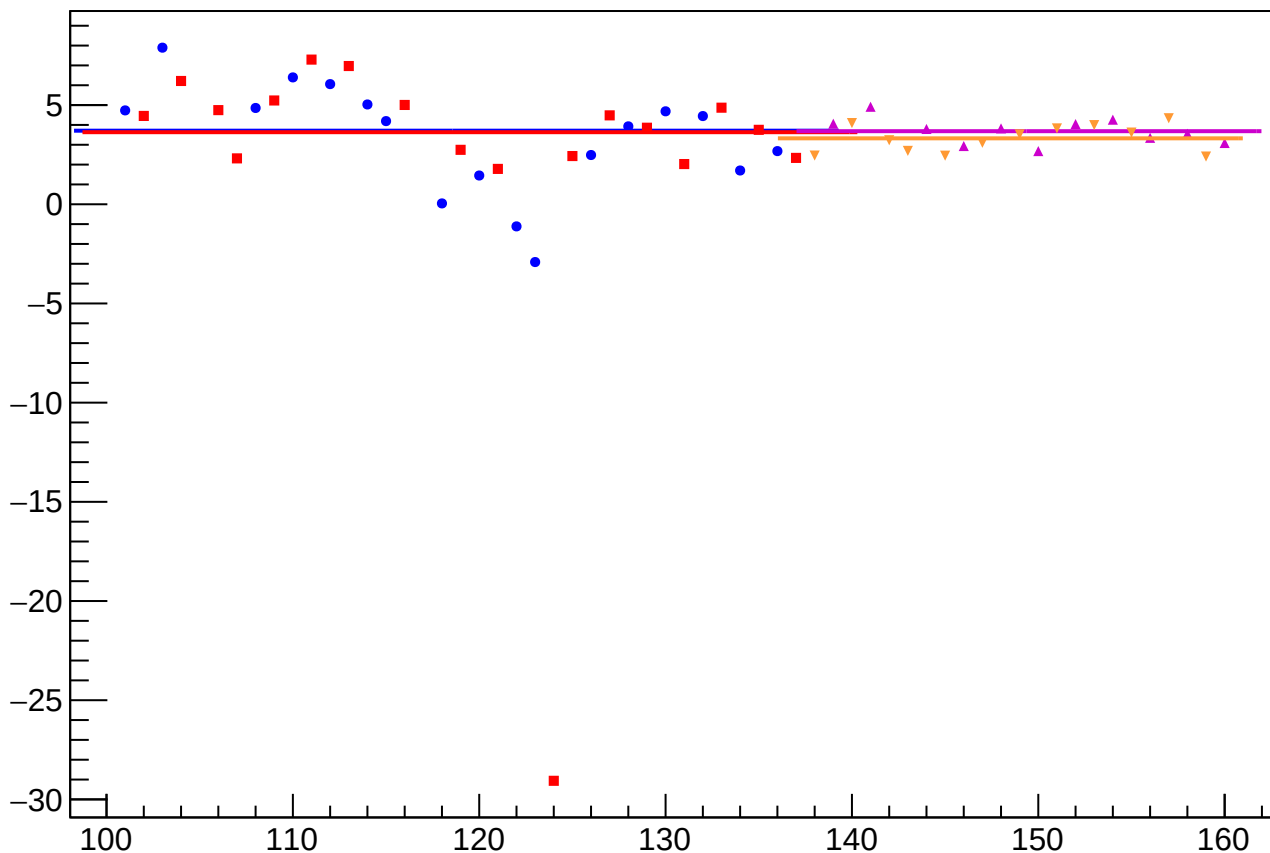
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_4eX_coil4_mean vs Slug



Right In: 3.709+/-0.000

χ^2/NDF : 4018102777172229540031969661812736.0/16

Left Out: 3.324+/-0.000

χ^2/NDF : 408662092507009780807820497649664.0/11

Right Out: 3.634+/-0.000

χ^2/NDF : 17179706396424887783373227094441984.0/17

Left In: 3.684+/-0.000

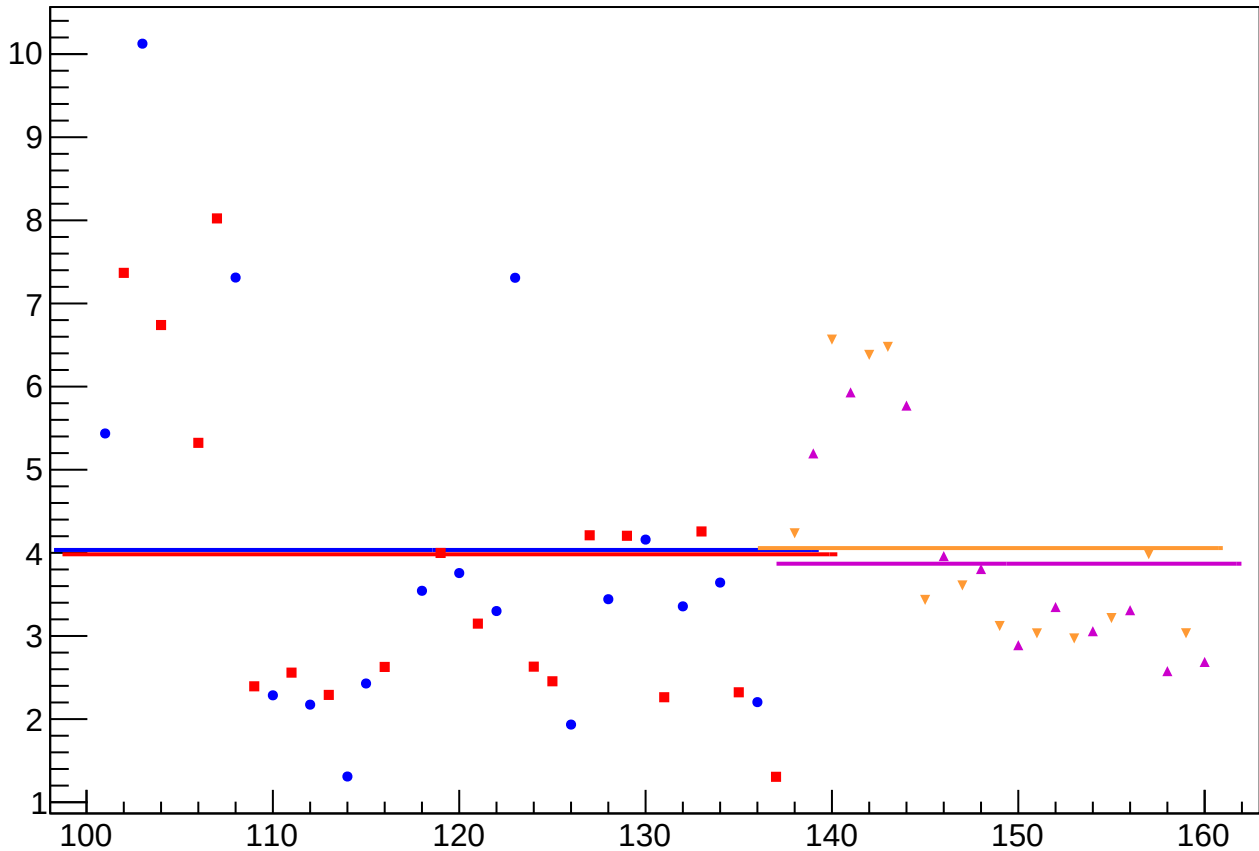
χ^2/NDF : 362171161596980472614323696435200.0/10

+ sign 3.491+/-0.000 χ^2/NDF : 44853380291629206

All: 3.578+/-0.000 χ^2/NDF : 22052203058922

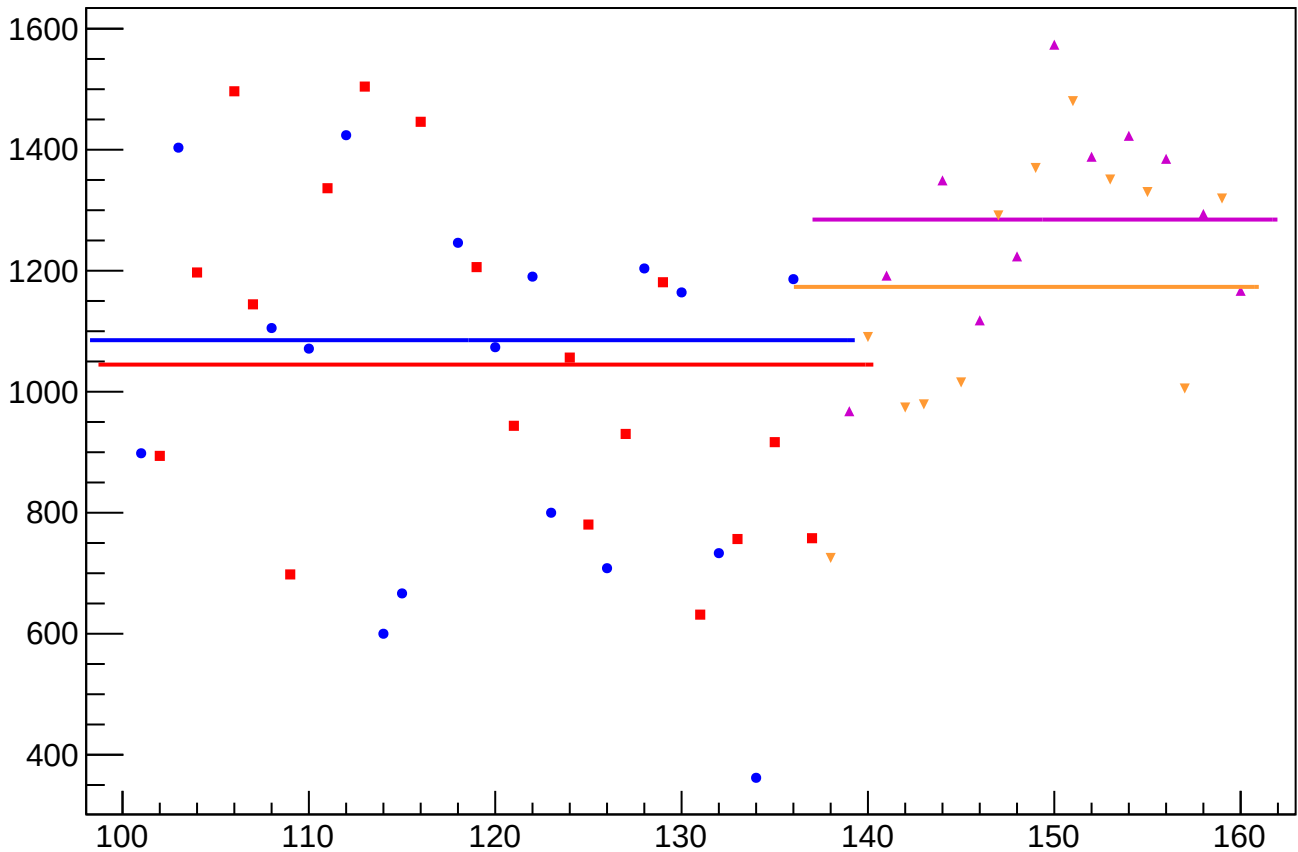
- sign 3.662+/-0.000 χ^2/NDF : 17542924542966772

dit_4eX_coil4_err_mean vs Slug



Right In: 4.035 $\pm$ 0.000 χ^2 /NDF: 3710399284586297338090254185267200.0/16
 Left Out: 4.057 $\pm$ 0.000 χ^2 /NDF: 1601757414873361873208521558851584.0/11
 Right Out: 3.983 $\pm$ 0.000 χ^2 /NDF: 2613925353133608323825730446163968.0/17
 Left In: 3.869 $\pm$ 0.000 χ^2 /NDF: 127275025204235909956227723665408.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

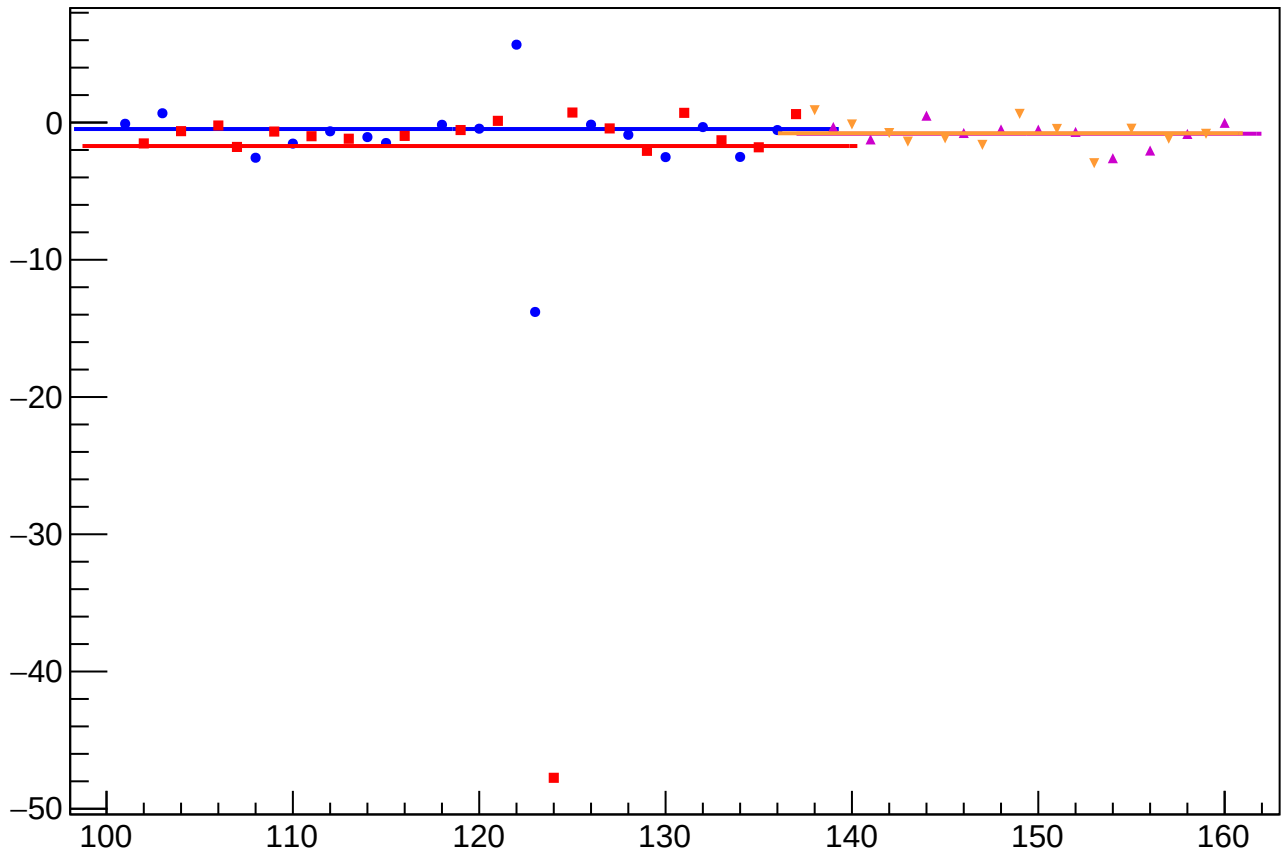
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

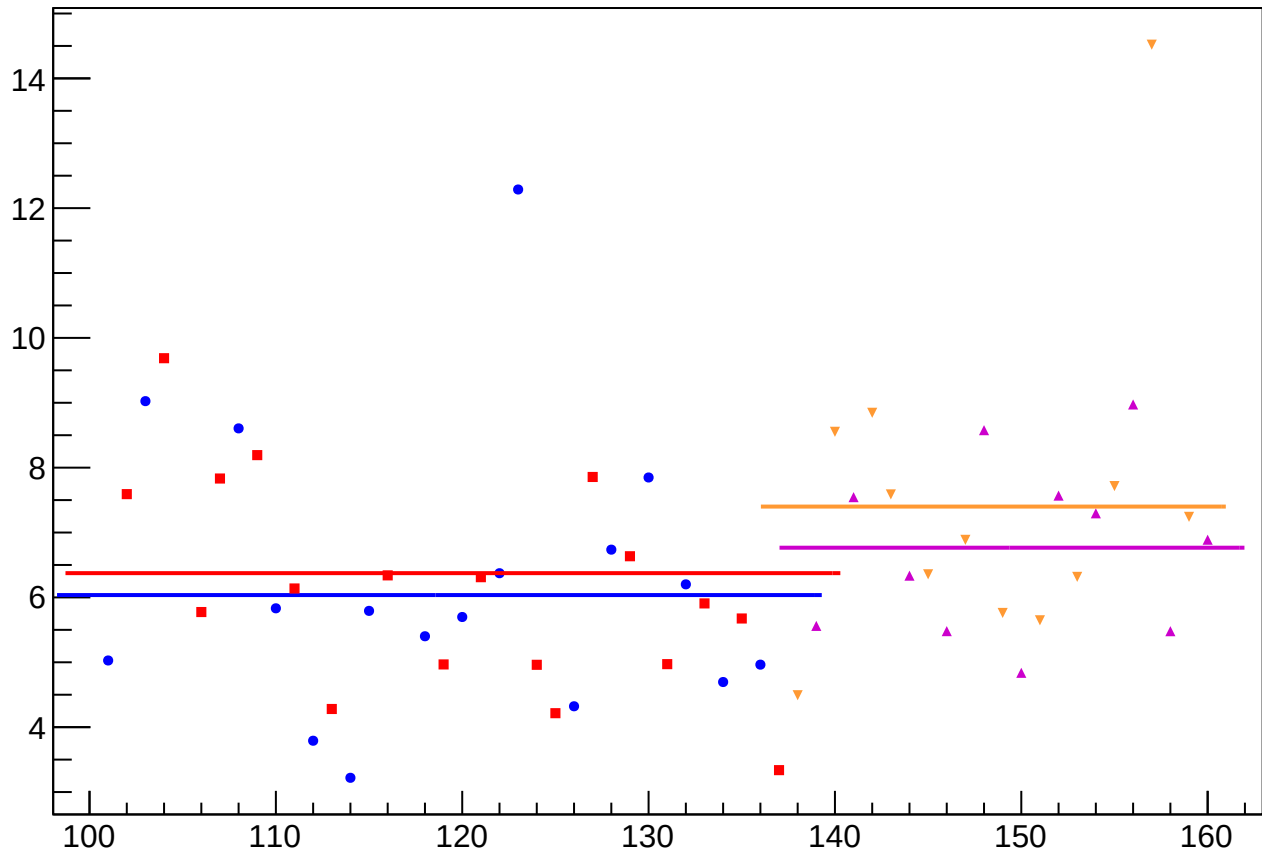
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_11X12X_coil4_mean vs Slug



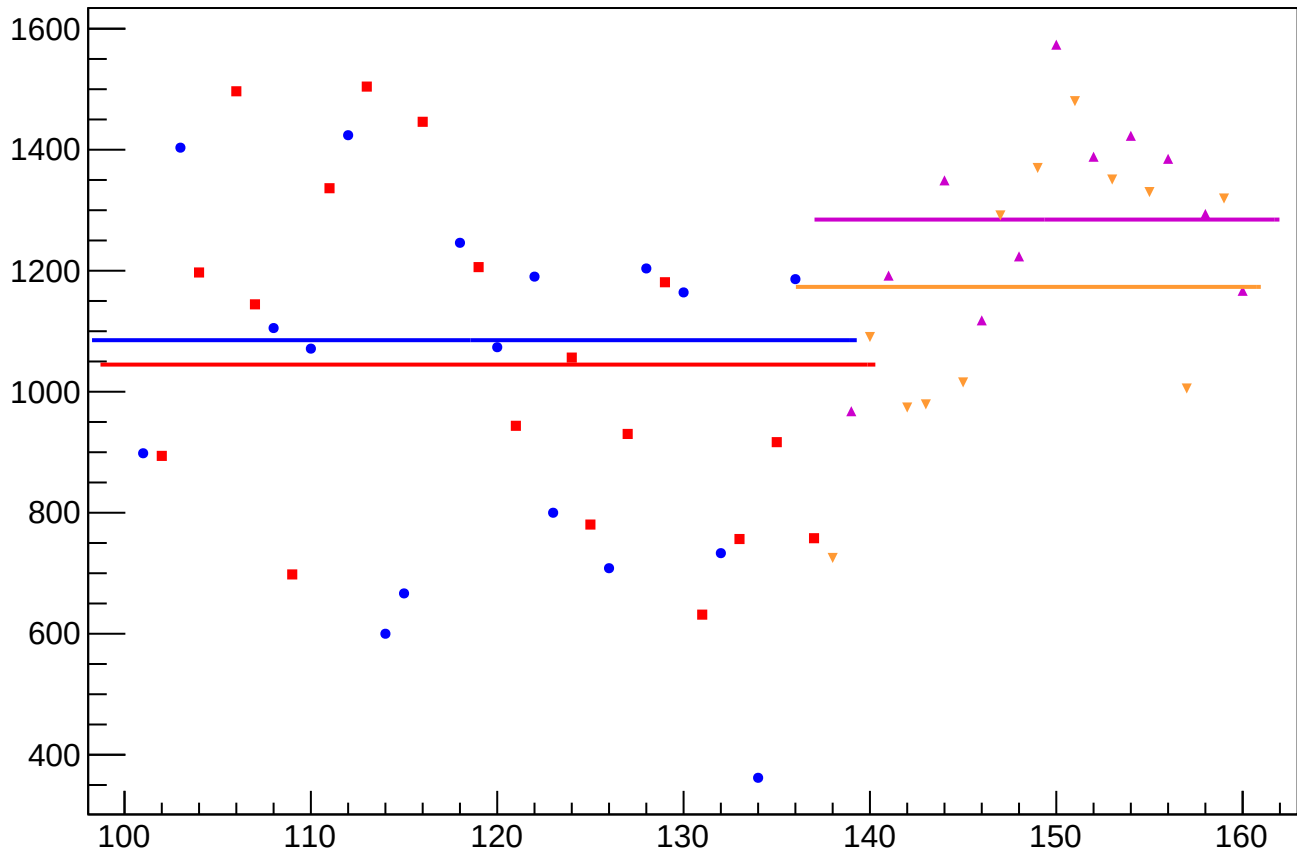
Right In: -0.473+/-0.000	χ^2/NDF : 2898613024888316123890745518063616.0/16	+ sign -0.649+/-0.000	χ^2/NDF : 3881544876846983
Left Out: -0.782+/-0.000	χ^2/NDF : 945280645994518900934494480498688.0/11	All: -0.931+/-0.000	χ^2/NDF : 3583661112386
Right Out: -1.712+/-0.000	χ^2/NDF : 30716645280339484063089556715470848.0/17	- sign -1.205+/-0.000	χ^2/NDF : 3170365417072797
Left In: -0.816+/-0.000	χ^2/NDF : 662056853644750883685234129240064.0/10		

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.036 $\pm$ 0.000 χ^2 /NDF: 1834282168572363767997793128415232.0/16
 Left Out: 7.400 $\pm$ 0.000 χ^2 /NDF: 5295448681829047225809354325229568.0/11
 Right Out: 6.374 $\pm$ 0.000 χ^2 /NDF: 1775962730889931898255737308053504.0/17
 Left In: 6.766 $\pm$ 0.000 χ^2 /NDF: 1543455485673800968010090913202176.0/10

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

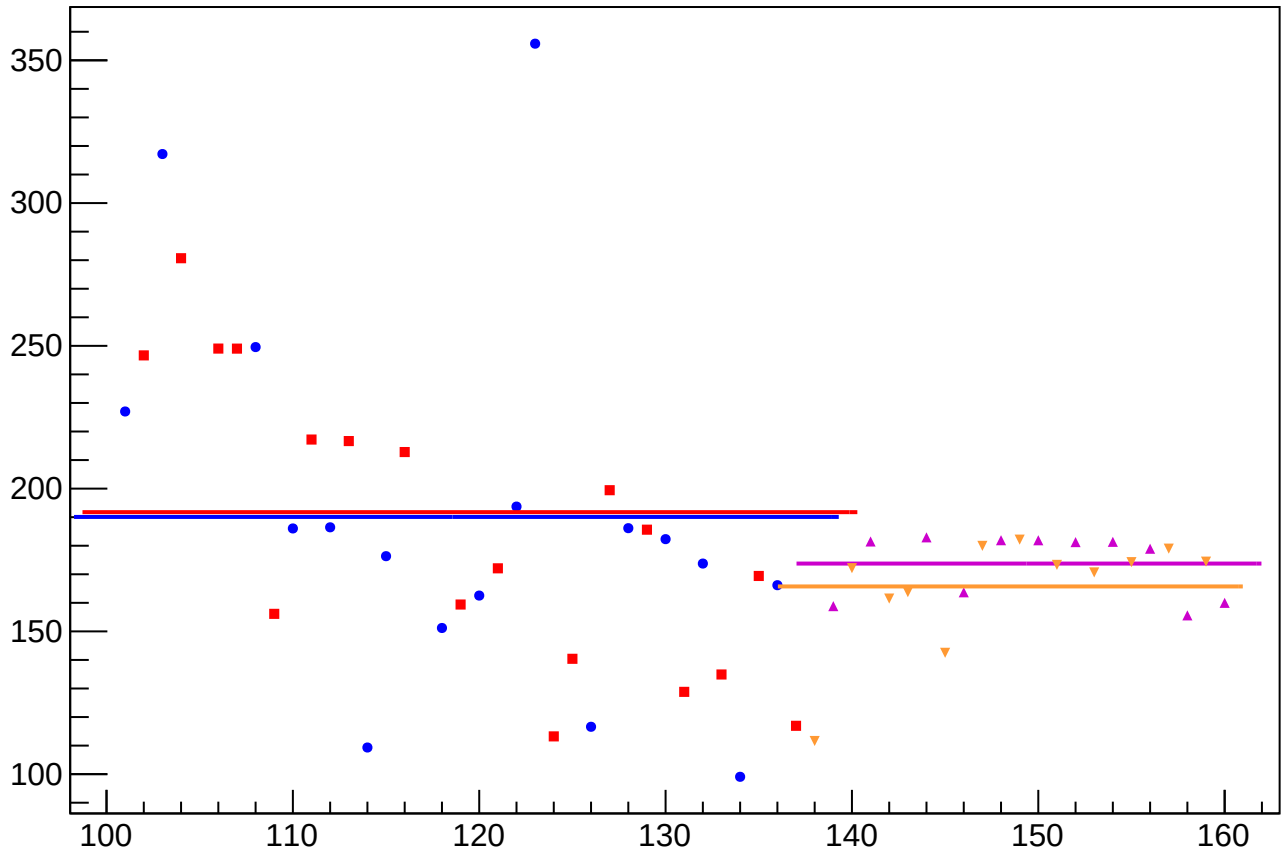
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

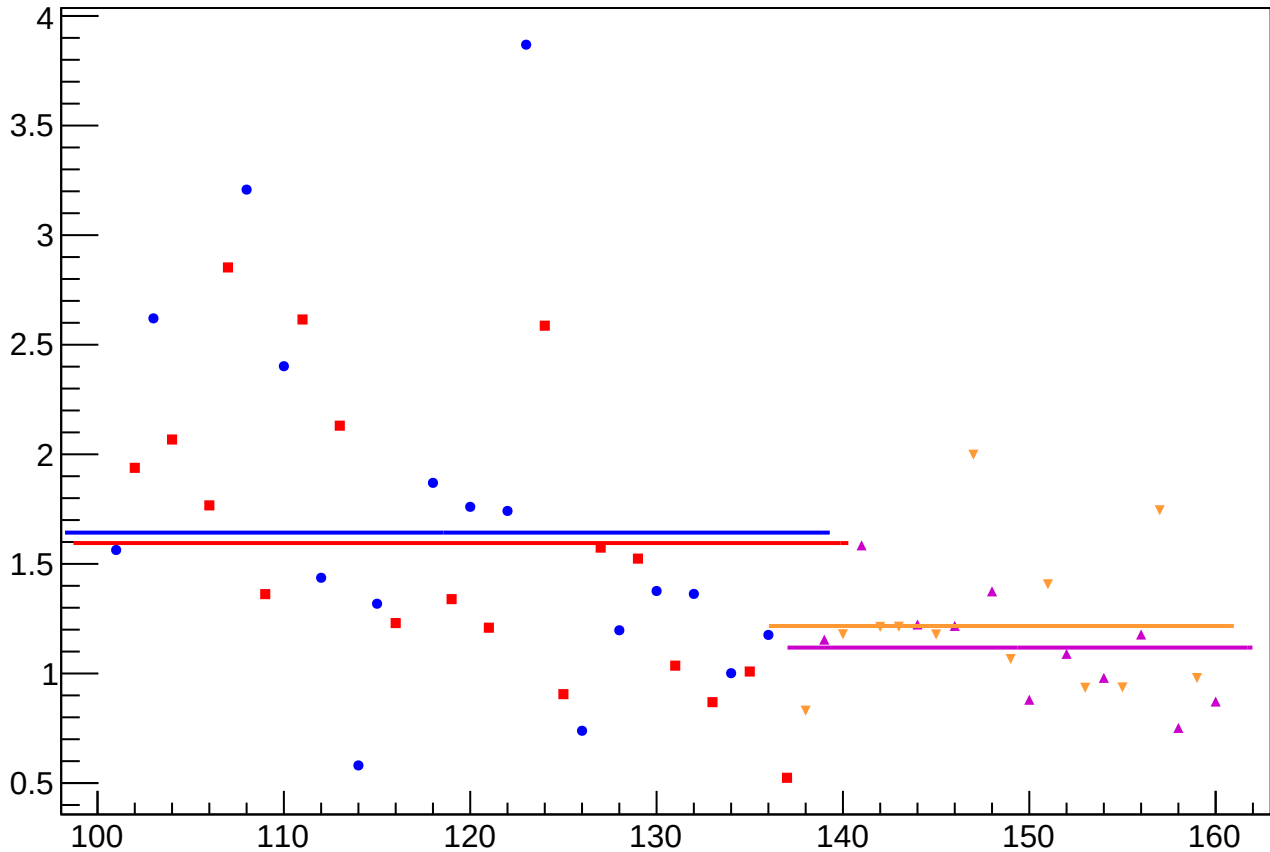
dit_4aY_coil4_mean vs Slug



Right In: 190.085+/-0.000	χ^2/NDF : 1925698803891151227234396073587900416.0/16
Left Out: 165.739+/-0.000	χ^2/NDF : 344682497656901428032567062567059456.0/11
Right Out: 191.757+/-0.000	χ^2/NDF : 1600653754892471682568282524337831936.0/17
Left In: 173.752+/-0.000	χ^2/NDF : 105283442852130720199037078170763264.0/10

+ sign 176.279+/-0.000 χ^2/NDF : 250363668895157
 All: 178.958+/-0.000 χ^2/NDF : 436350214108
 - sign 181.564+/-0.000 χ^2/NDF : 183717418801237

dit_4aY_coil4_err_mean vs Slug



Right In: 1.643 ± 0.000 χ^2/NDF : 289253300871261454870716449030144.0/16

Left Out: 1.217 ± 0.000 χ^2/NDF : 102394613447491283246123057152000.0/11

Right Out: 1.595 ± 0.000 χ^2/NDF : 253487865182855947655895326916608.0/17

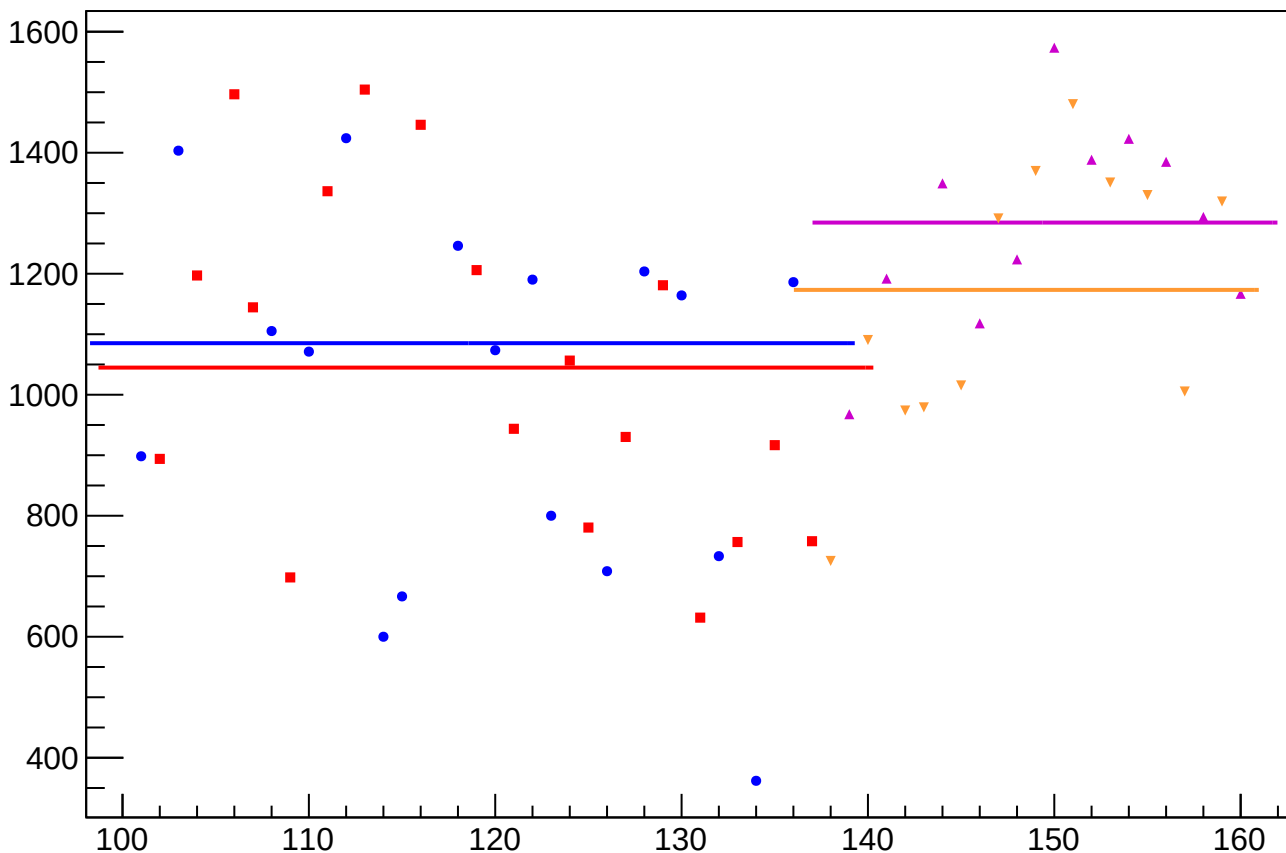
Left In: 1.118 ± 0.000 χ^2/NDF : 49044430342731068780186328629248.0/10

+ sign 1.401 ± 0.000 χ^2/NDF : 46311068860019732

All: 1.363 ± 0.000 χ^2/NDF : 86242209200143

- sign 1.325 ± 0.000 χ^2/NDF : 39461161698716610

dit_4aY_coil4_Ndata_mean vs Slug



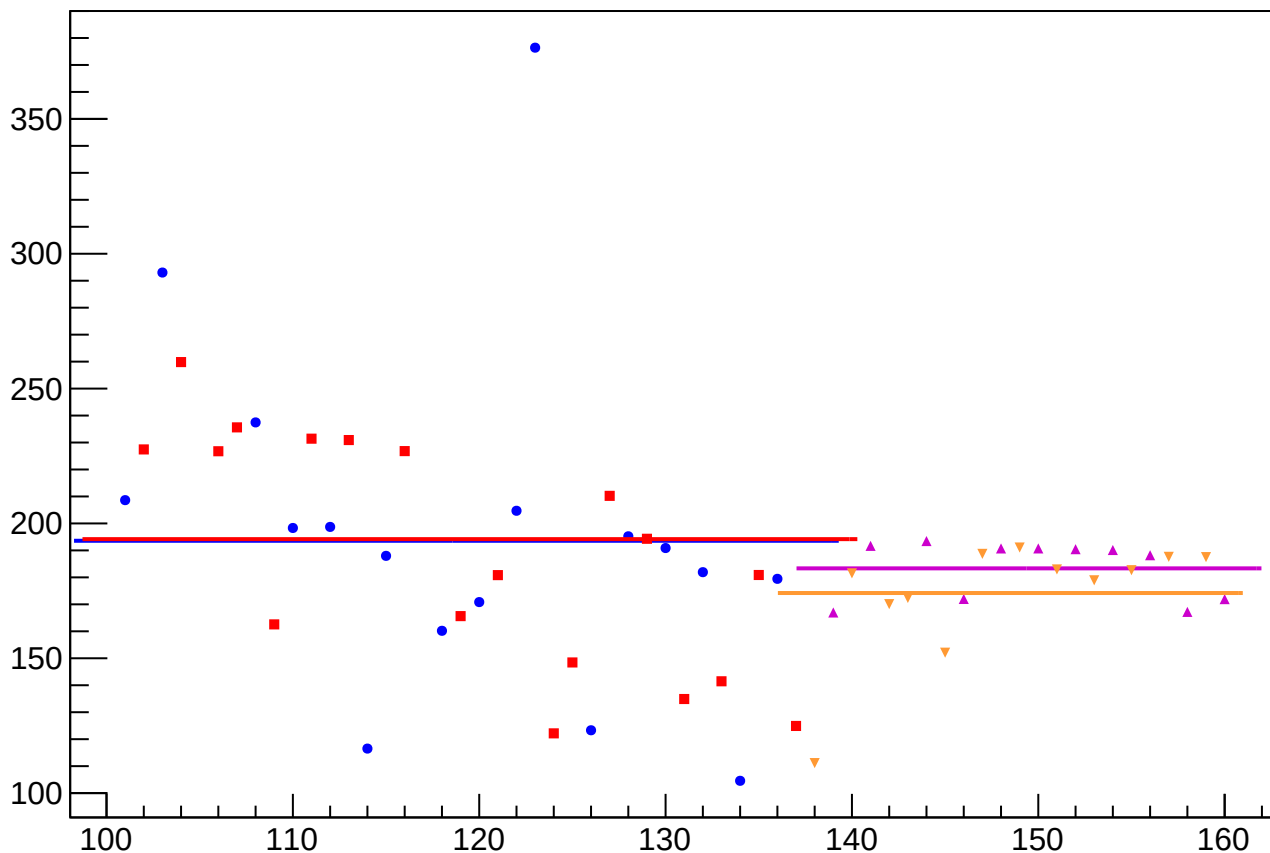
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_4eY_coil4_mean vs Slug



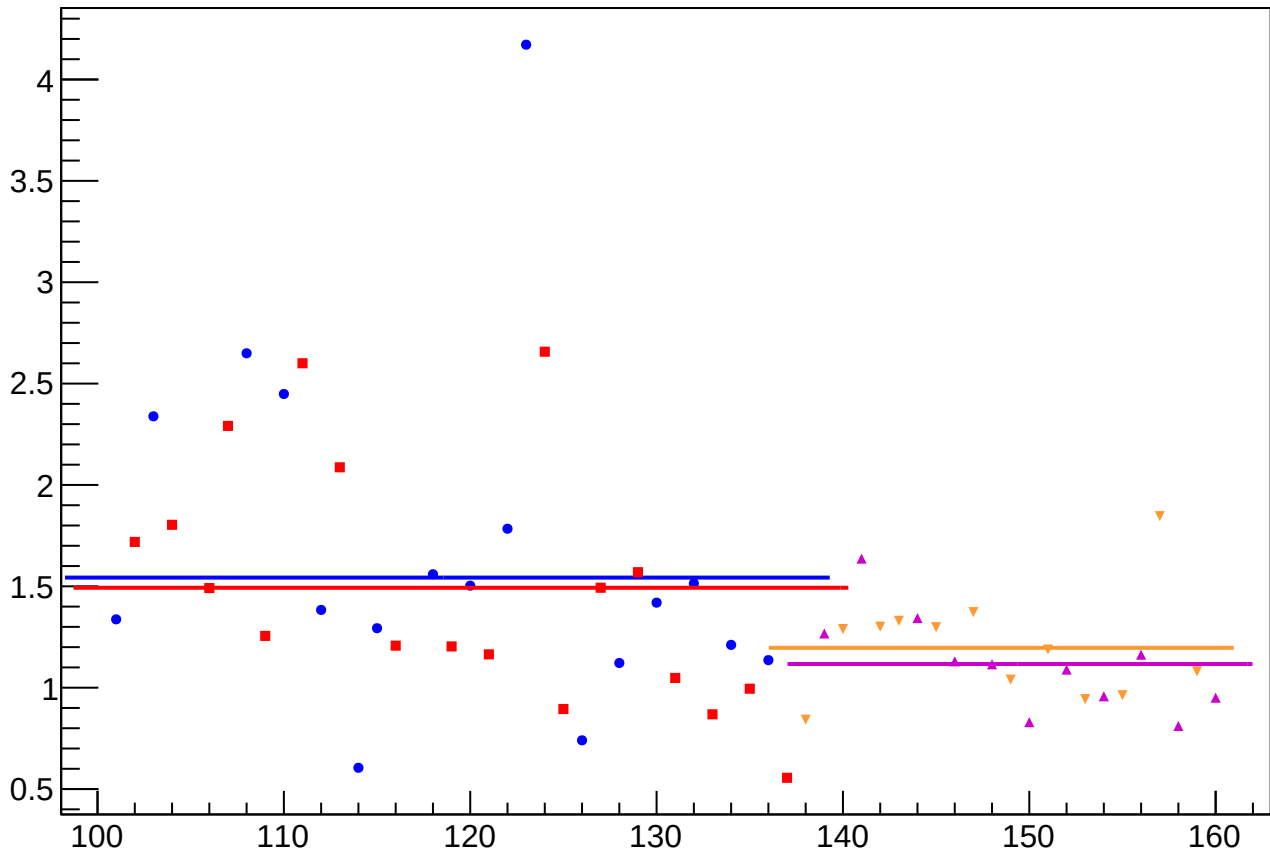
Right In: 193.573+/-0.000 χ^2/NDF : 1351064334288465855493252395600707584.0/16

Left Out: 174.198+/-0.000 χ^2/NDF : 435157803959110752164132199015120896.0/11

Right Out: 194.177+/-0.000 χ^2/NDF : 1137351144016205804609551236362928128.0/17

Left In: 183.338+/-0.000 χ^2/NDF : 99283390921198074748427132624437248.0/10

dit_4eY_coil4_err_mean vs Slug



Right In: 1.543 ± 0.000 χ^2/NDF : 211470615756148398389395258867712.0/16

Left Out: 1.197 ± 0.000 χ^2/NDF : 59586654303702490446710865657856.0/11

Right Out: 1.493 ± 0.000 χ^2/NDF : 198853919603996729553220305682432.0/17

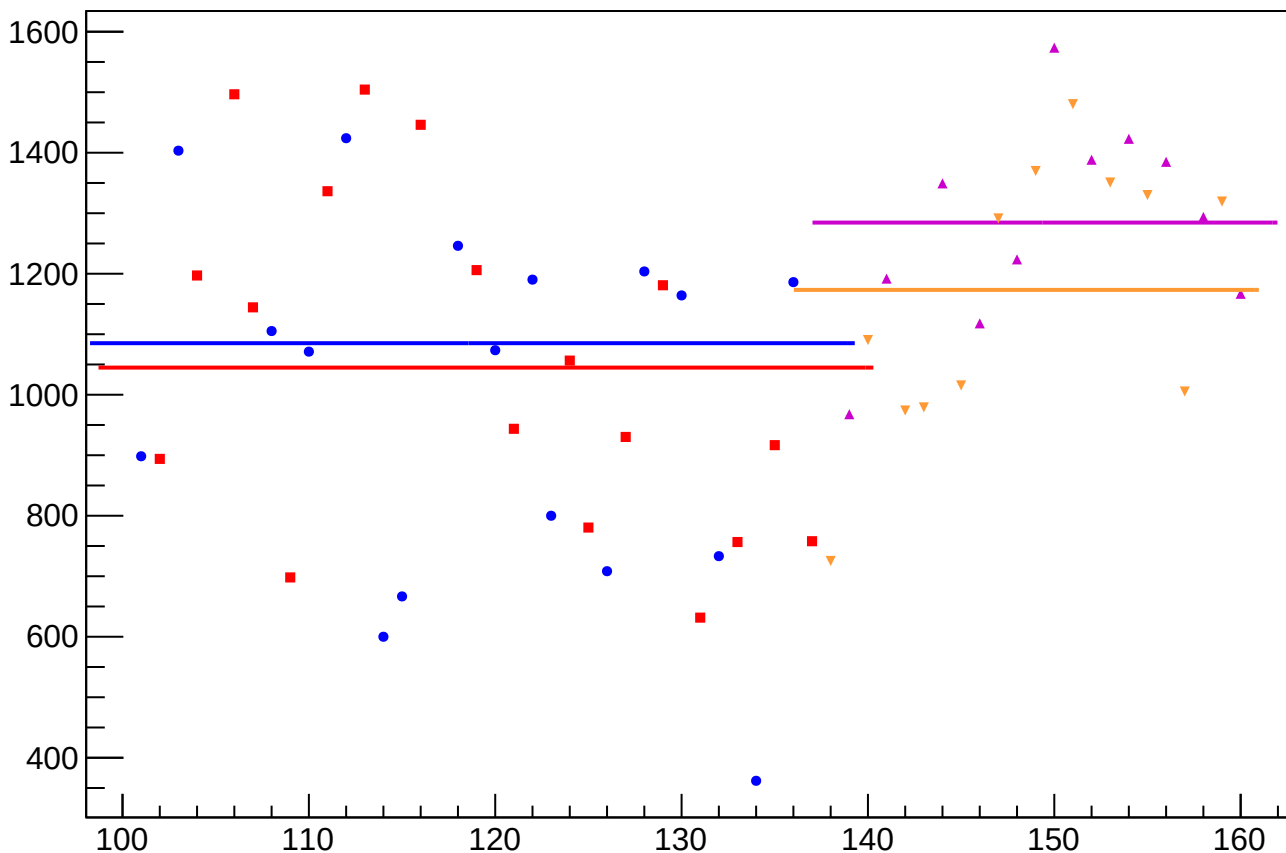
Left In: 1.117 ± 0.000 χ^2/NDF : 49235563214758682247299927638016.0/10

All: 1.313 ± 0.000 χ^2/NDF : 62725316120640

+ sign 1.347 ± 0.000 χ^2/NDF : 31826840935041259

- sign 1.280 ± 0.000 χ^2/NDF : 30537443722409663

dit_4eY_coil4_Ndata_mean vs Slug



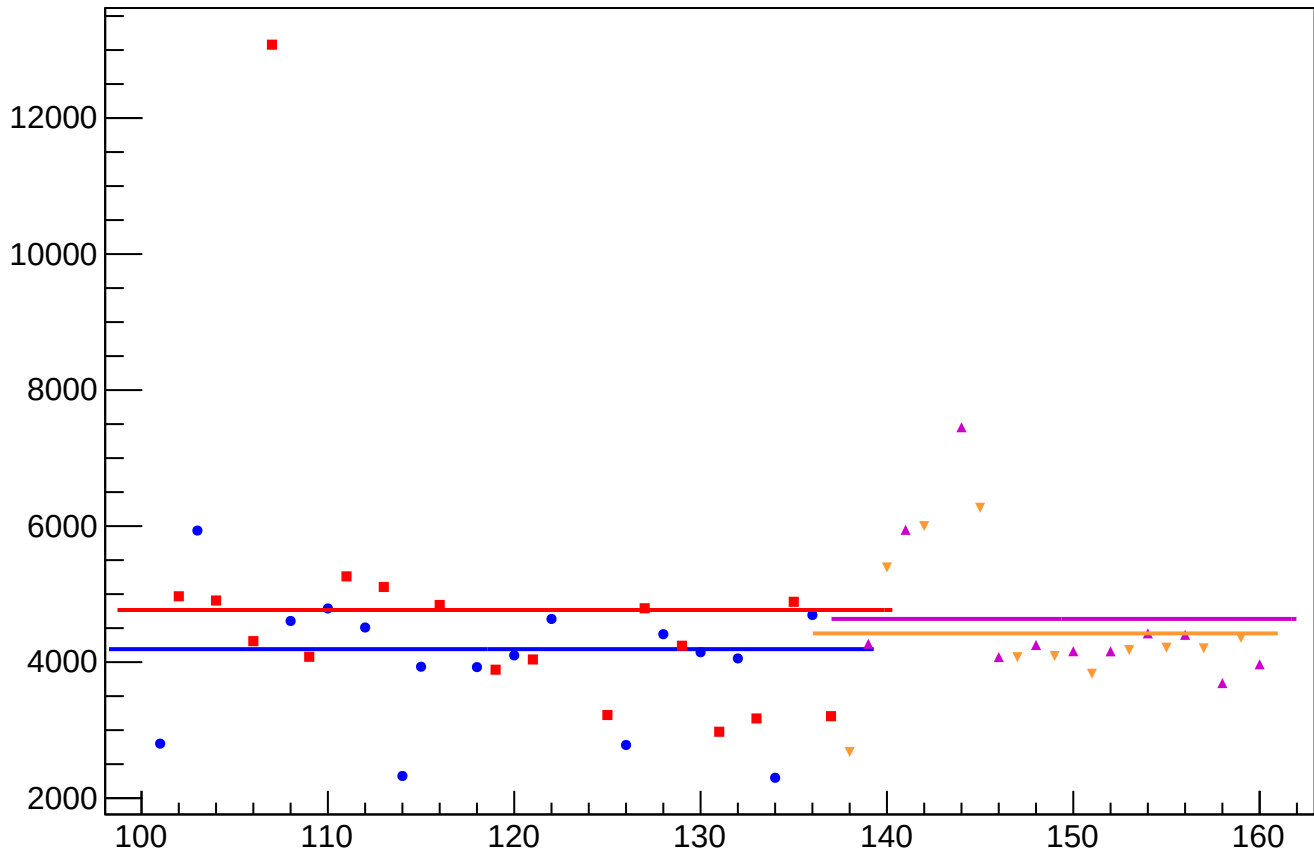
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

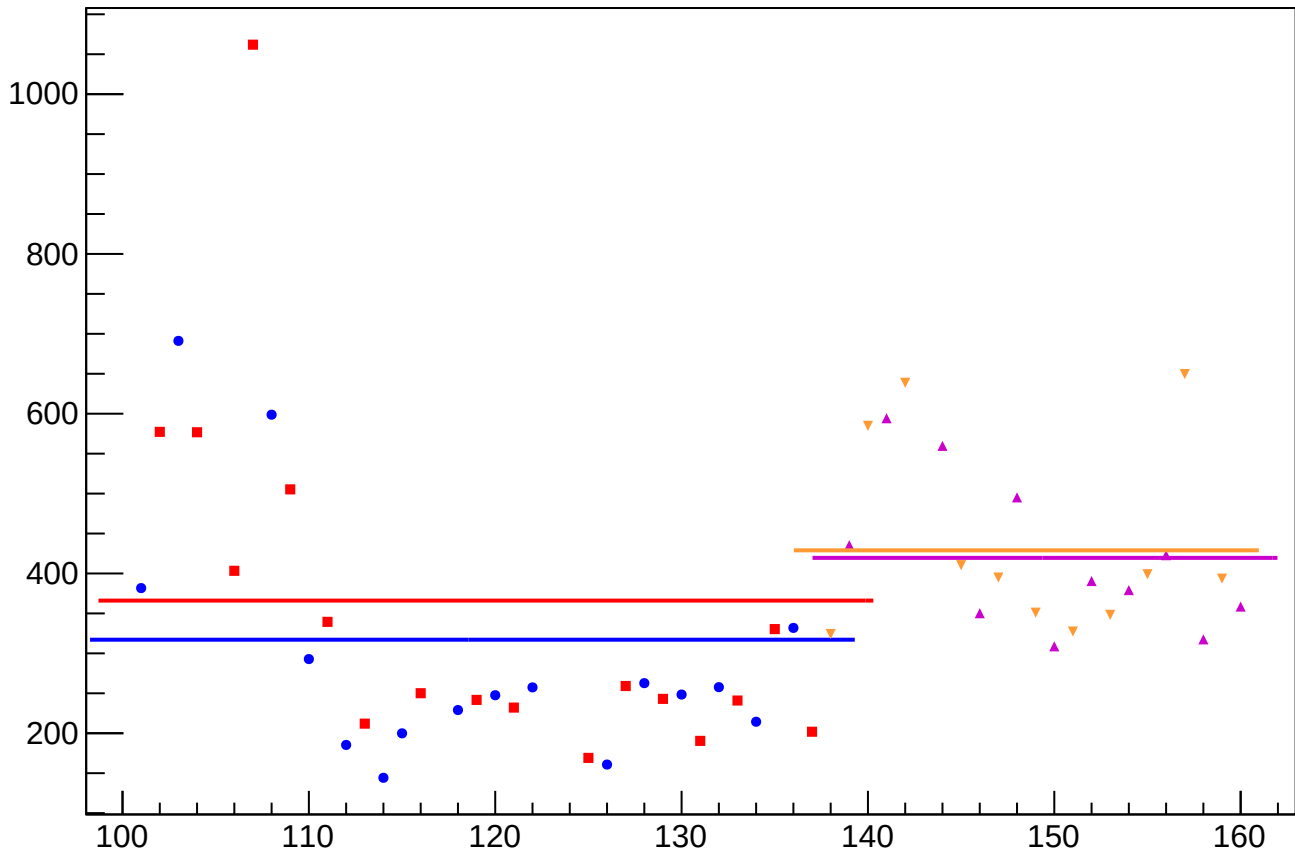
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_usl_coil4_mean vs Slug



Right In: 4190.973+/-0.000	χ^2/NDF : 554038134535494230935556440305969397760.0/15	+ sign 4318.228+/-0.000	χ^2/NDF : 13275652011608
Left Out: 4422.510+/-0.000	χ^2/NDF : 753196682646313209134126931375441313792.0/10	All: 4511.030+/-0.000	χ^2/NDF : 54737473677
Right Out: 4766.714+/-0.000	χ^2/NDF : 2969196242721495635889986773908602224640.0/16	- sign 4691.797+/-0.000	χ^2/NDF : 40358396760217
Left In: 4635.509+/-0.000	χ^2/NDF : 1059752939887595758489348119495845085184.0/10		

dit_usl_coil4_err_mean vs Slug



Right In: 317.084+/-0.000 χ^2/NDF : 15440276359245580191741047920465543168.0/15

Left Out: 428.978+/-0.000 χ^2/NDF : 10626522837529690140021114504579383296.0/10

Right Out: 366.053+/-0.000 χ^2/NDF : 31157973605683459615642144815175434240.0/16

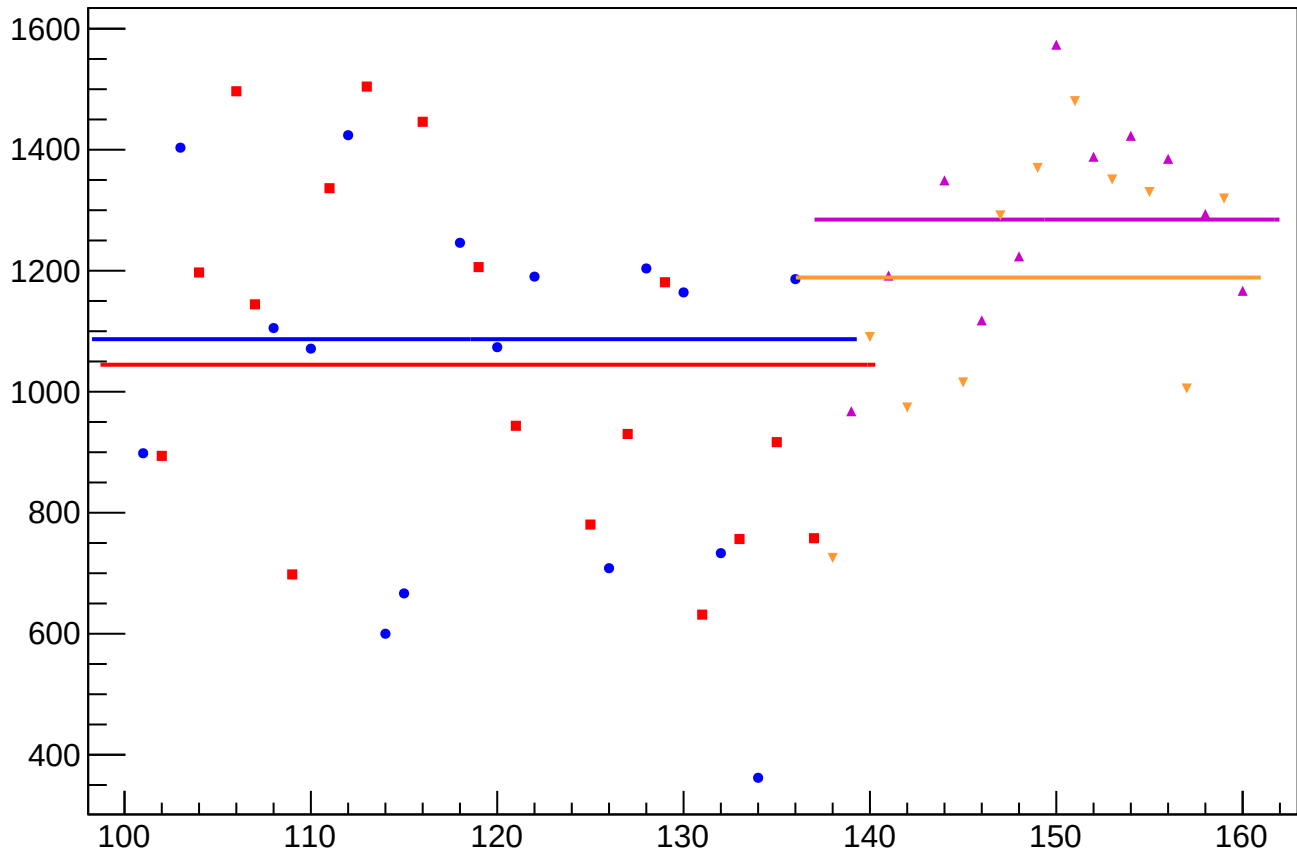
Left In: 419.525+/-0.000 χ^2/NDF : 7733869691626146763225313004956418048.0/10

+ sign 378.582+/-0.000 χ^2/NDF : 308148239260214

All: 387.873+/-0.000 χ^2/NDF : 711073608373

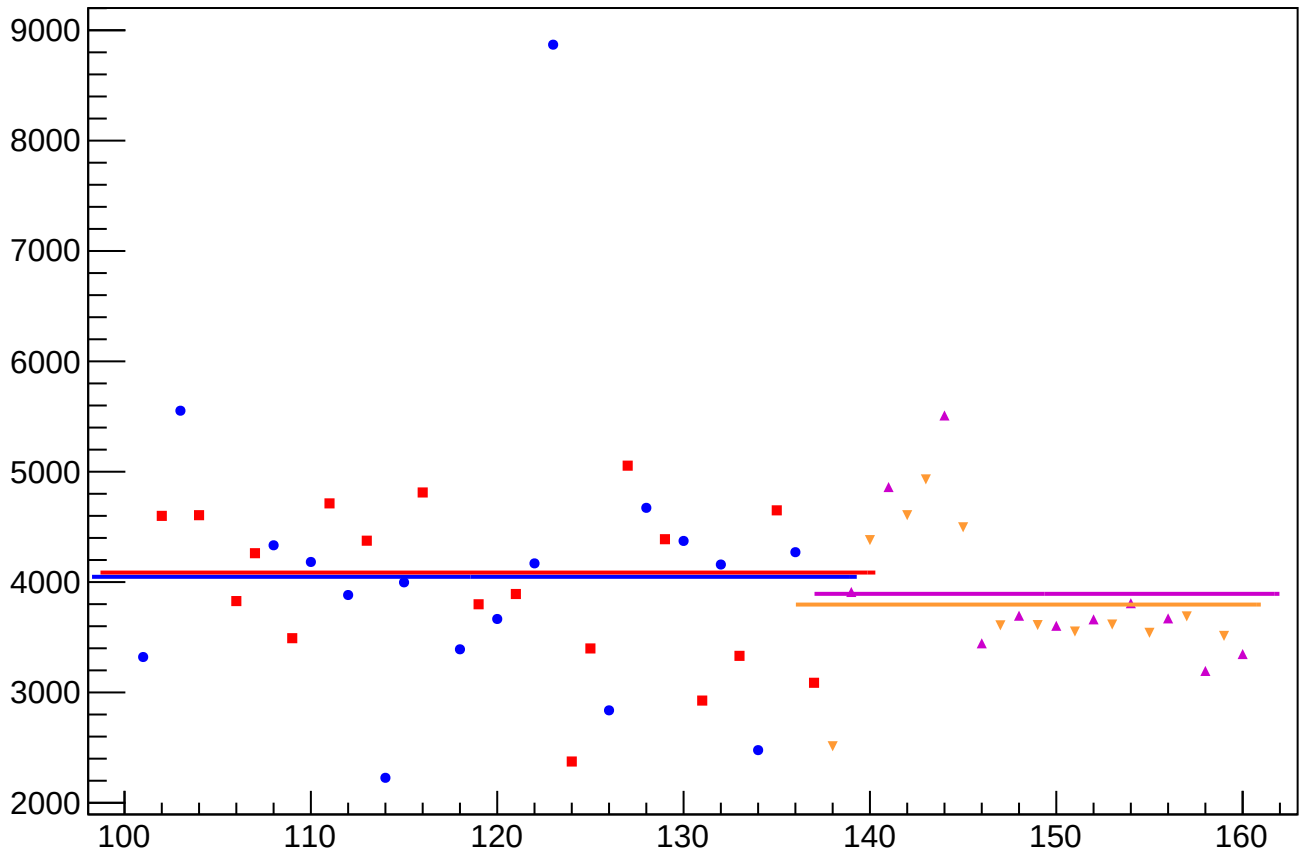
- sign 396.585+/-0.000 χ^2/NDF : 400362792216568

dit_usl_coil4_Ndata_mean vs Slug



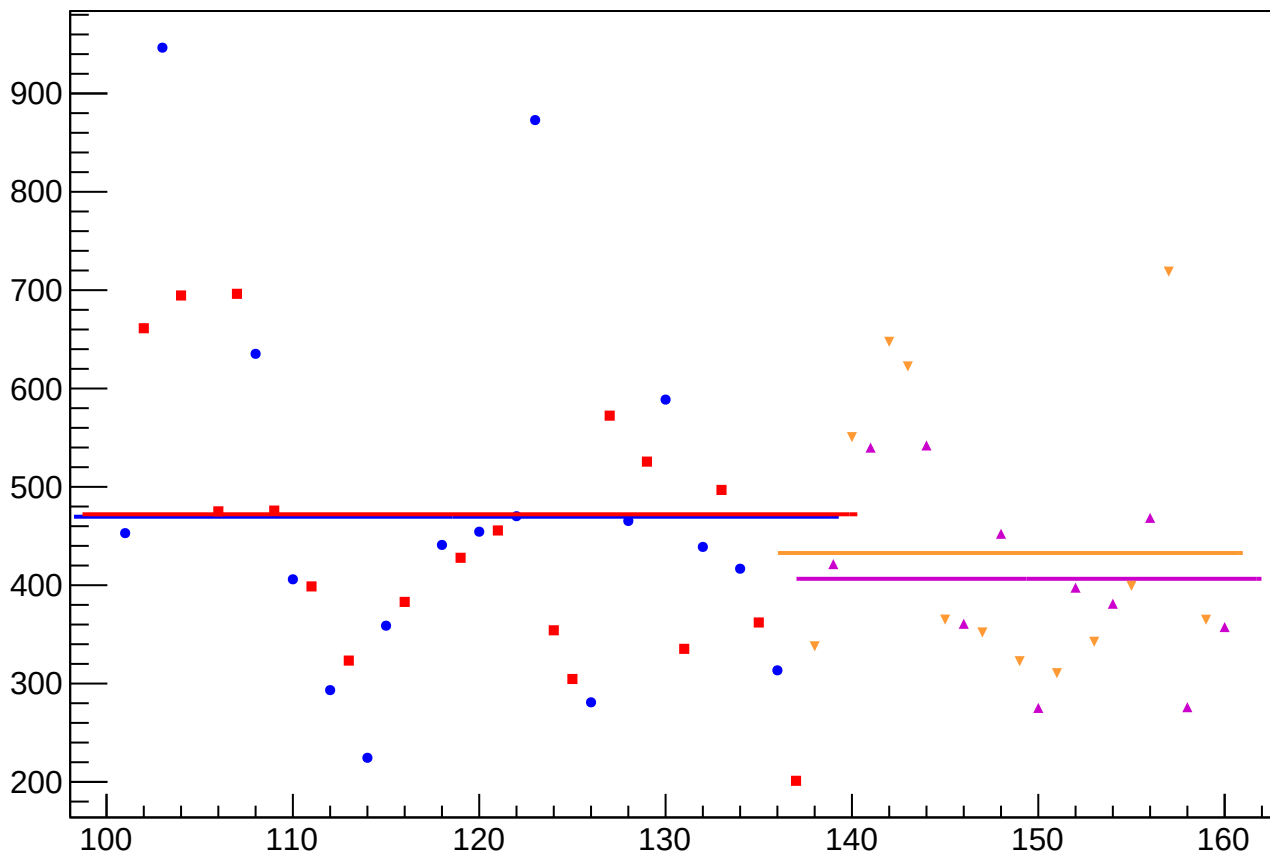
Right In: 1086.839 $\pm$ 0.000 χ^2/NDF : 44275849492978077110615226297834536960.0/15
 Left Out: 1188.739 $\pm$ 0.000 χ^2/NDF : 39812899139477527607362290262896279552.0/10
 Right Out: 1044.621 $\pm$ 0.000 χ^2/NDF : 50844042601115178022623217176499191808.0/16
 Left In: 1284.540 $\pm$ 0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10
 All: 1162.853 $\pm$ 0.000 χ^2/NDF : 18715517322
 + sign 1142.844 $\pm$ 0.000 χ^2/NDF : 88026490685914
 - sign 1181.613 $\pm$ 0.000 χ^2/NDF : 97940288623670

dit_usr_coil4_mean vs Slug



Right In: 4047.777+/-0.000 χ^2/NDF : 474277601546286209707812771687018004480.0/16
 Left Out: 3796.236+/-0.000 χ^2/NDF : 336687829589722132467600550527009554432.0/11
 Right Out: 4086.316+/-0.000 χ^2/NDF : 301982700213825275137563978140215148544.0/17
 Left In: 3893.435+/-0.000 χ^2/NDF : 413166584185760487956391730192104554496.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 469.645+/-0.000 χ^2/NDF : 22201042961896219188176863921652629504.0/16

Left Out: 432.752+/-0.000 χ^2/NDF : 16613778156502227039812648208749821952.0/11

Right Out: 472.112+/-0.000 χ^2/NDF : 12398871924669384395849092219212398592.0/17

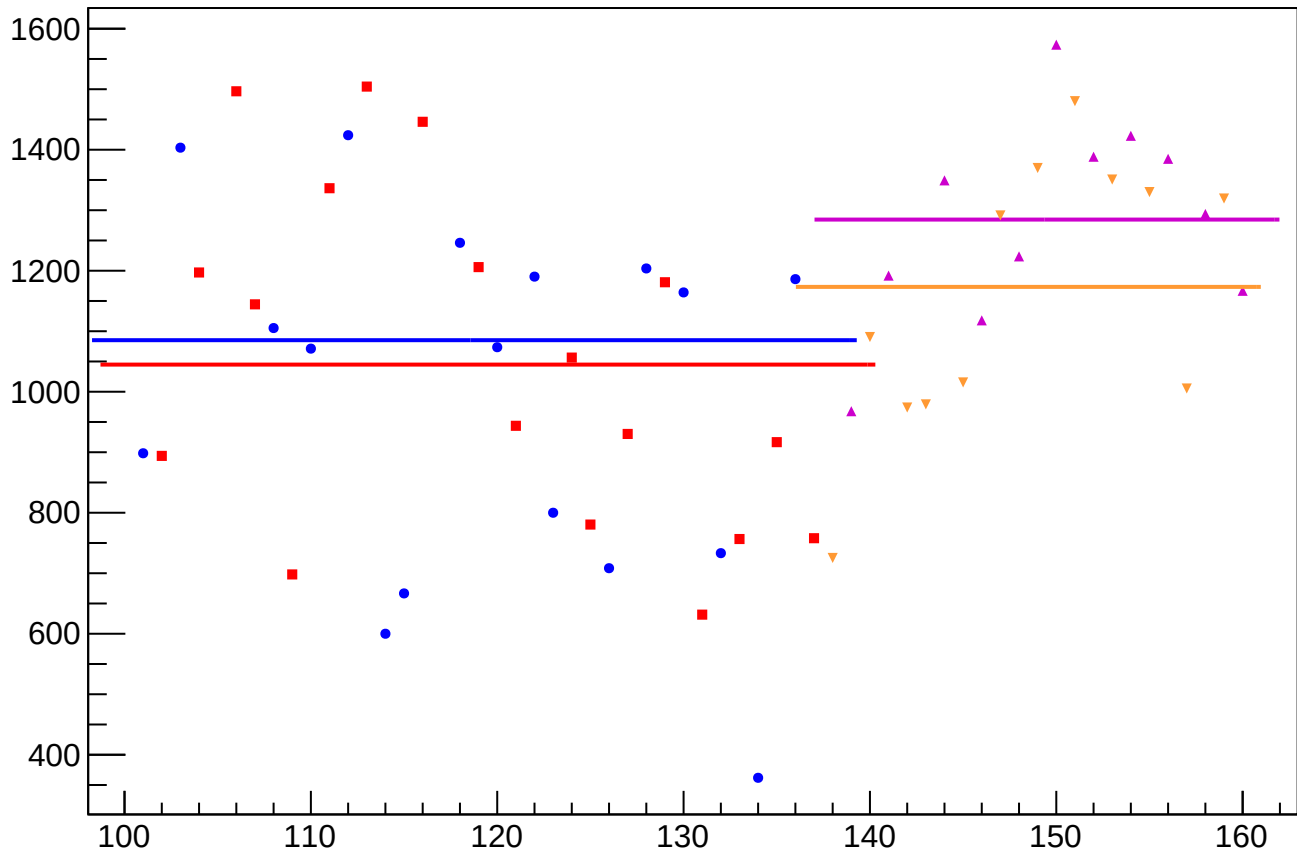
Left In: 406.513+/-0.000 χ^2/NDF : 7035979744021755230989165632233144320.0/10

+ sign 448.725+/-0.000 χ^2/NDF : 393504625482800

All: 441.754+/-0.000 χ^2/NDF : 606808538703

- sign 434.974+/-0.000 χ^2/NDF : 211767373509698

dit_usr_coil4_Ndata_mean vs Slug



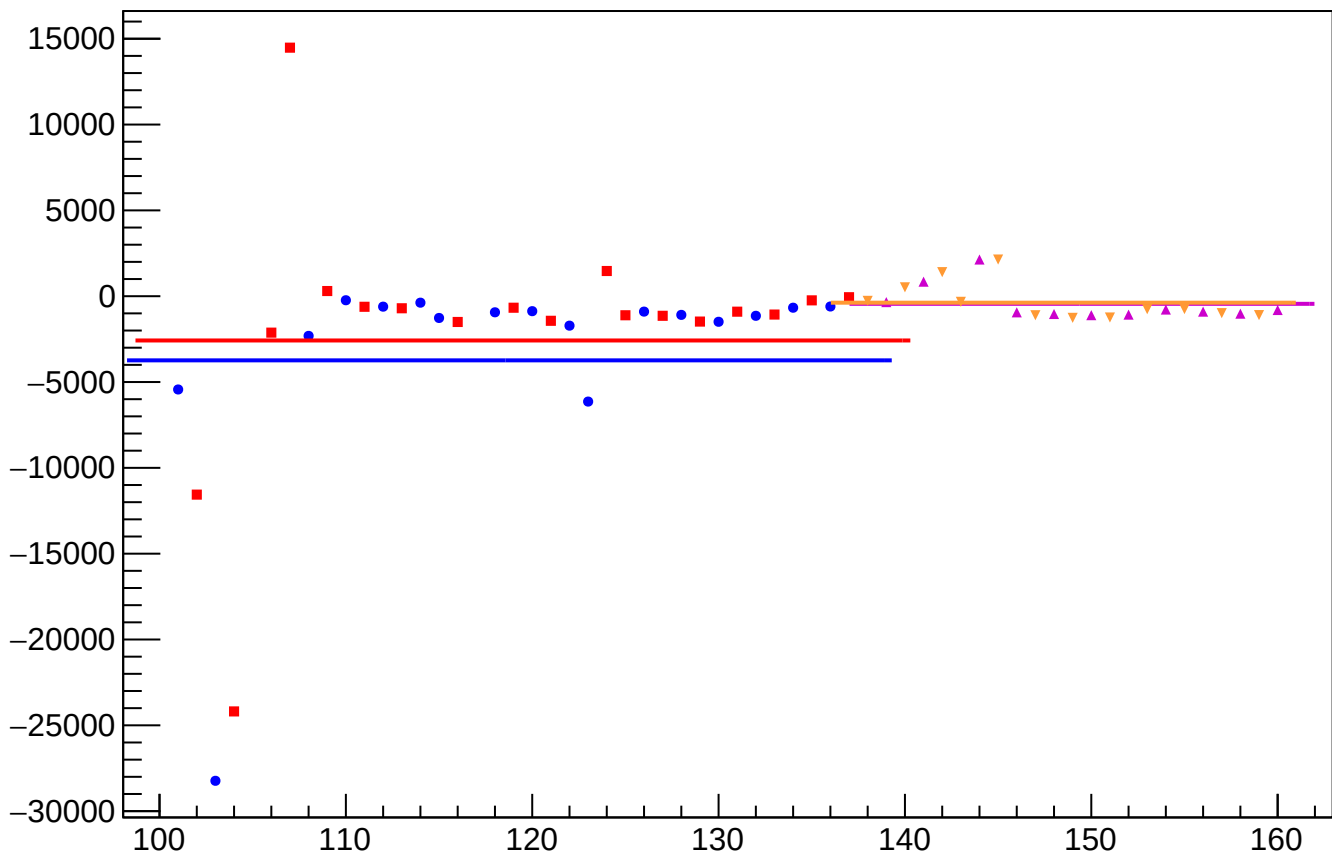
Right In: 1085.186 $\pm$ 0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287 $\pm$ 0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

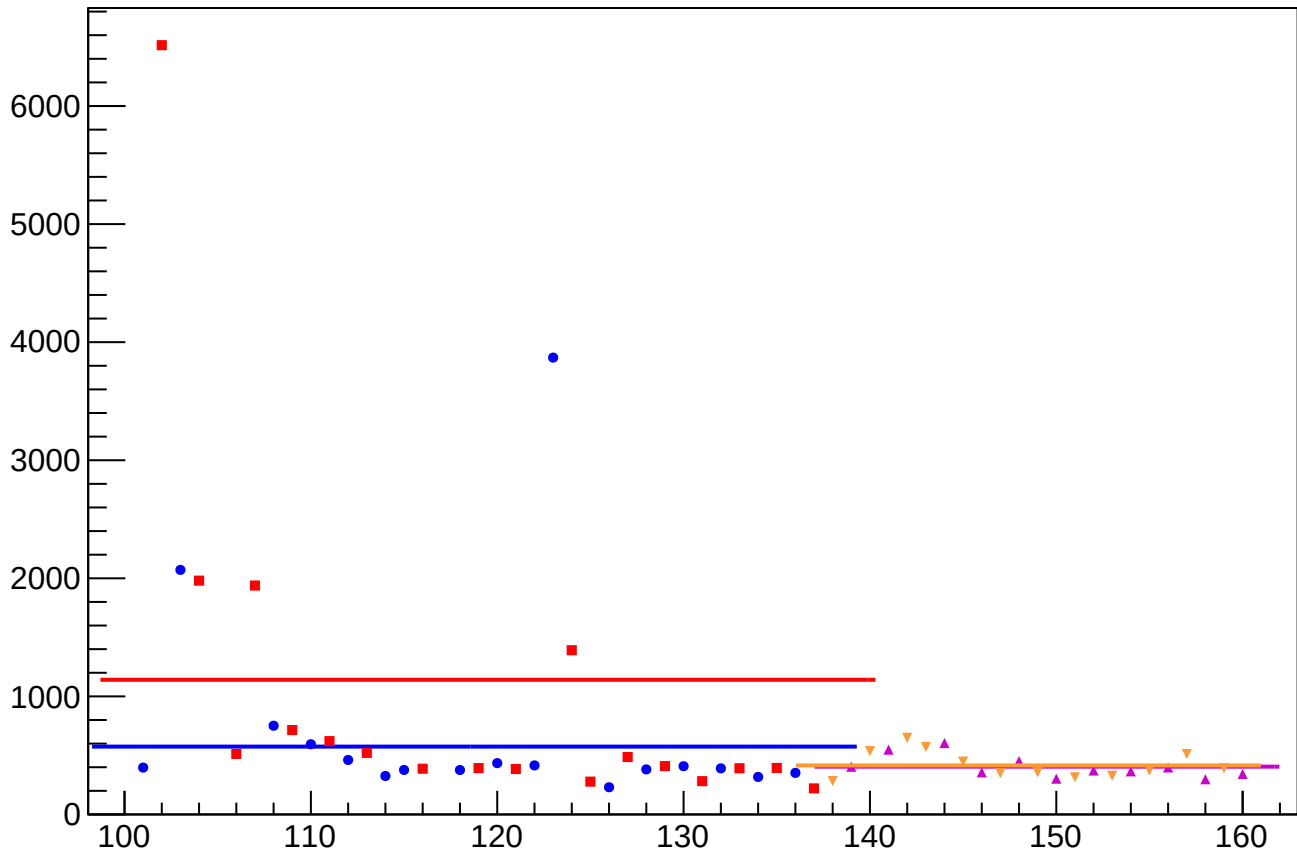
Left In: 1284.540 $\pm$ 0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_atl1_coil4_mean vs Slug



Right In: -3737.261+/-0.000 χ^2/NDF : 39970682954500817220133496875438988853248.0/16
 Left Out: -377.495+/-0.000 χ^2/NDF : 962483060737220205564221178088372830208.0/11
 Right Out: -2578.788+/-0.000 χ^2/NDF : 41033783209718443304558448411646302879744.0/17
 Left In: -444.428+/-0.000 χ^2/NDF : 923276009049297948790551518127417458688.0/10

dit_atl1_coil4_err_mean vs Slug



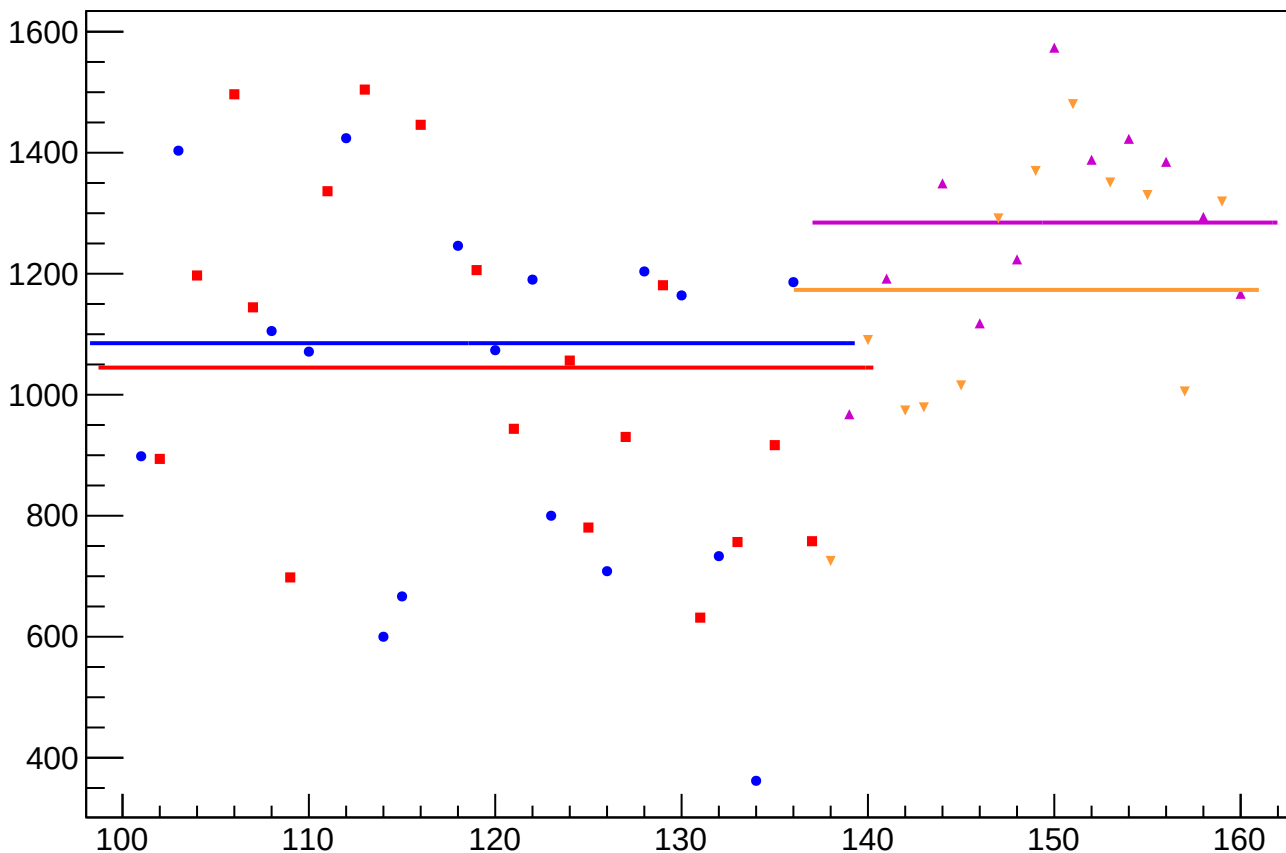
Right In: 574.655+/-0.000 χ^2/NDF : 199698400452439530730016550179978608640.0/16

Left Out: 415.289+/-0.000 χ^2/NDF : 9749177635603258088647624710302990336.0/11

Right Out: 1140.608+/-0.000 χ^2/NDF : 2013558101221942862779211693423515926528.0/17

Left In: 404.849+/-0.000 χ^2/NDF : 8121817838558046042338349225347121152.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

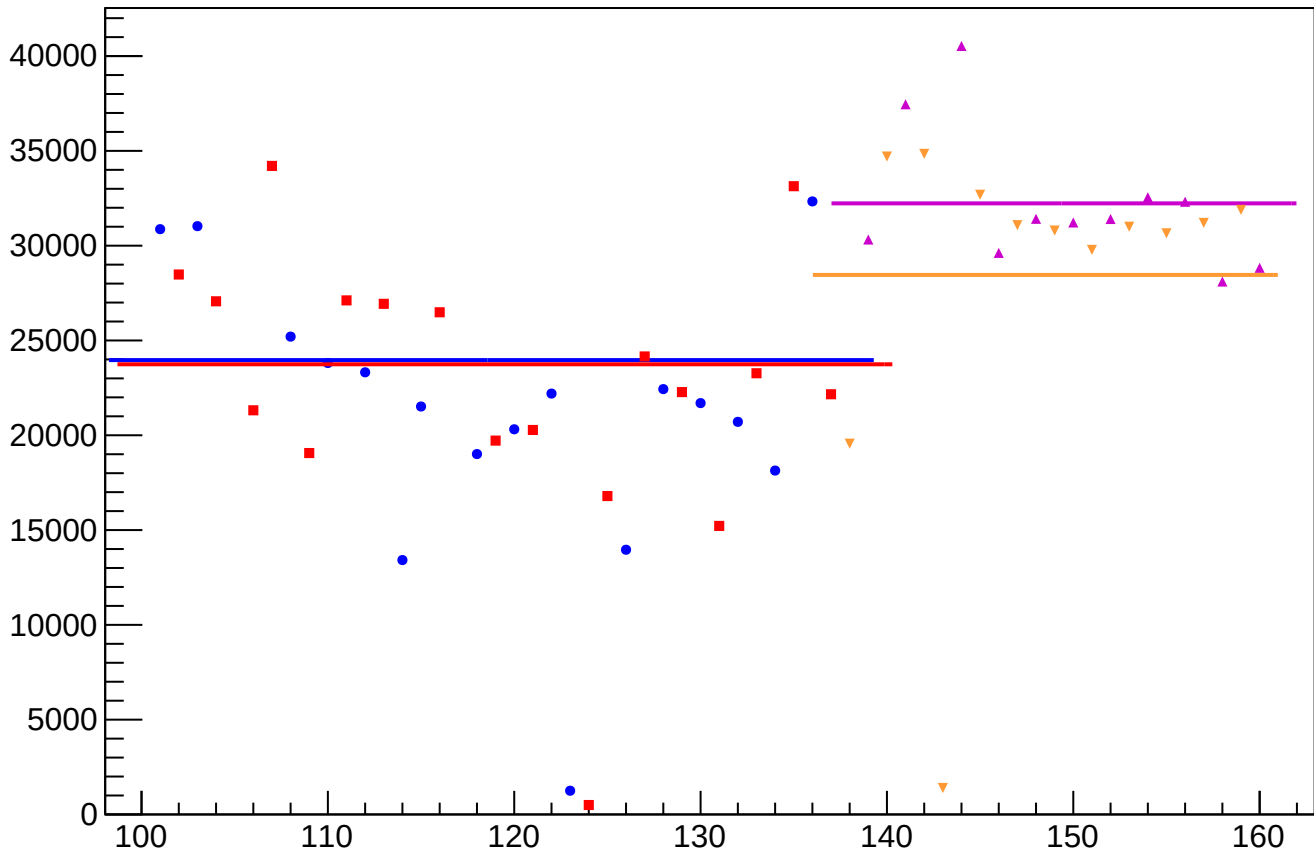
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

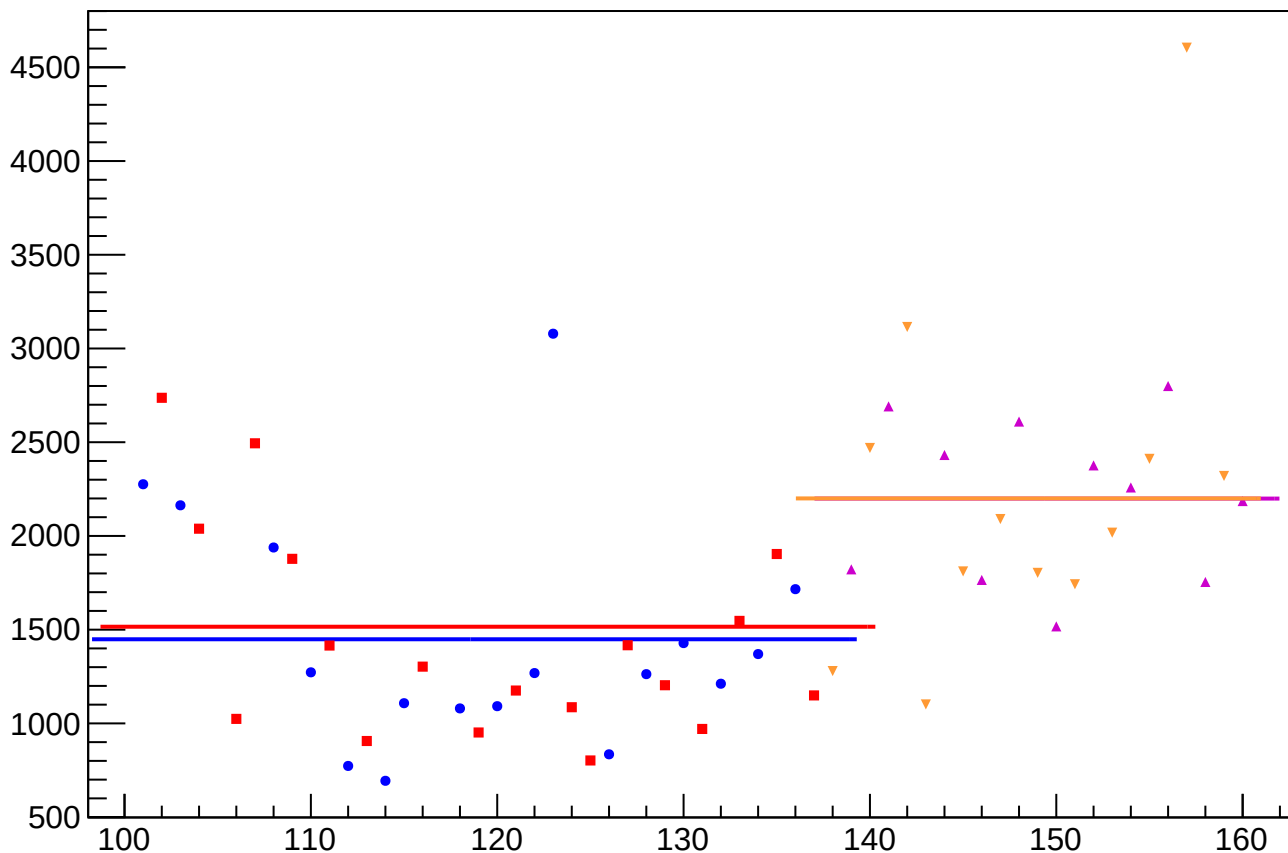
dit_atl2_coil4_mean vs Slug



Right In: 23965.147+/-0.000	χ^2/NDF : 22982900561545593794269983567622080299008.0/16
Left Out: 28458.038+/-0.000	χ^2/NDF : 65276775110198217312307166333227962990592.0/11
Right Out: 23743.519+/-0.000	χ^2/NDF : 25937218131071515690144071247519476088832.0/17
Left In: 32231.777+/-0.000	χ^2/NDF : 11867262349376140232643052148473974489088.0/10

+ sign 26512.893+/-0.000 χ^2/NDF : 9620372030038
 All: 27545.073+/-0.000 χ^2/NDF : 1665425990
 - sign 28549.068+/-0.000 χ^2/NDF : 6696985876437

dit_atl2_coil4_err_mean vs Slug



Right In: 1448.784+/-0.000 χ^2/NDF : 161243667372586677805499102921584803840.0/16

Left Out: 2200.167+/-0.000 χ^2/NDF : 669096191562201912337665879605187182592.0/11

Right Out: 1515.702+/-0.000 χ^2/NDF : 234412516405982646618467253110689497088.0/17

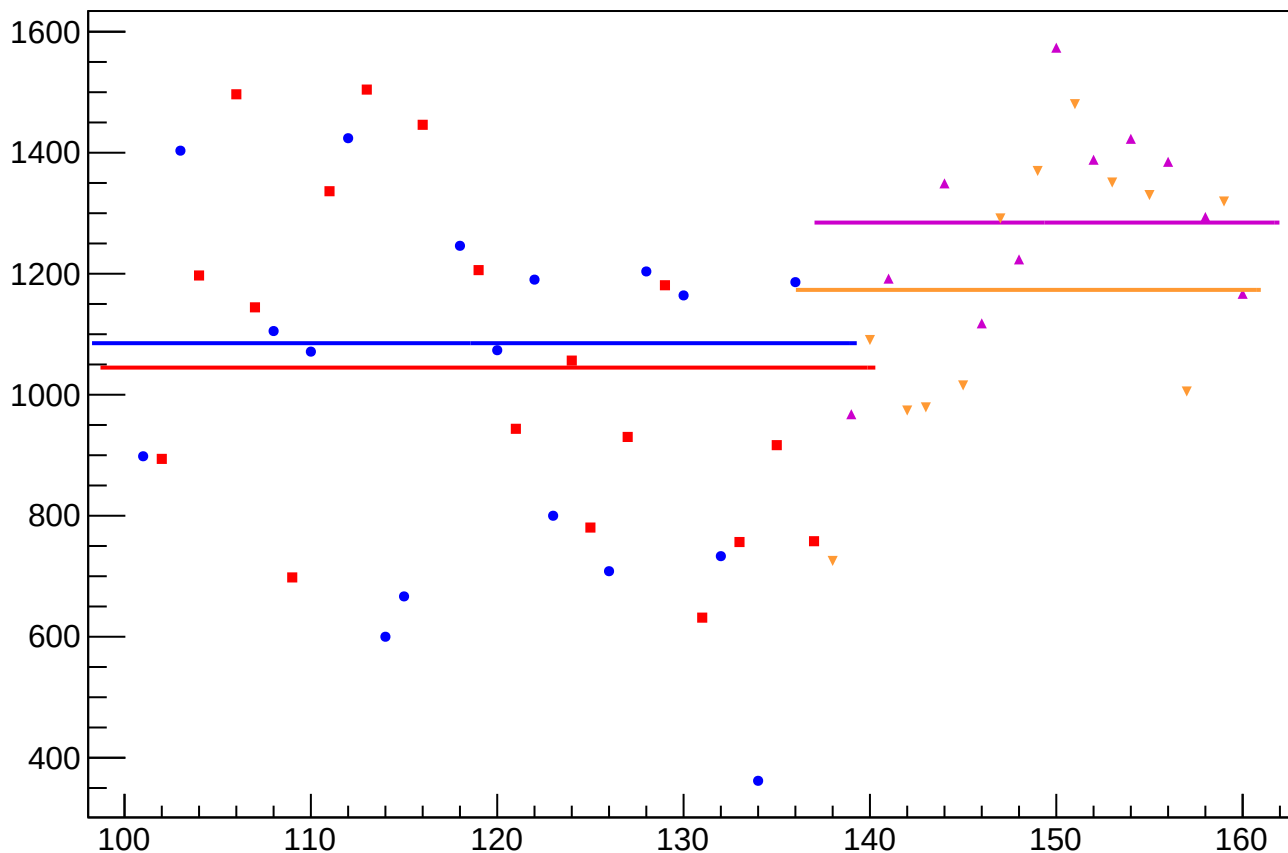
Left In: 2199.283+/-0.000 χ^2/NDF : 156934506780582925441007438753813233664.0/10

+ sign 1874.864+/-0.000 χ^2/NDF : 10525234712210

All: 1888.977+/-0.000 χ^2/NDF : 16336522422

- sign 1902.705+/-0.000 χ^2/NDF : 58049893545710

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

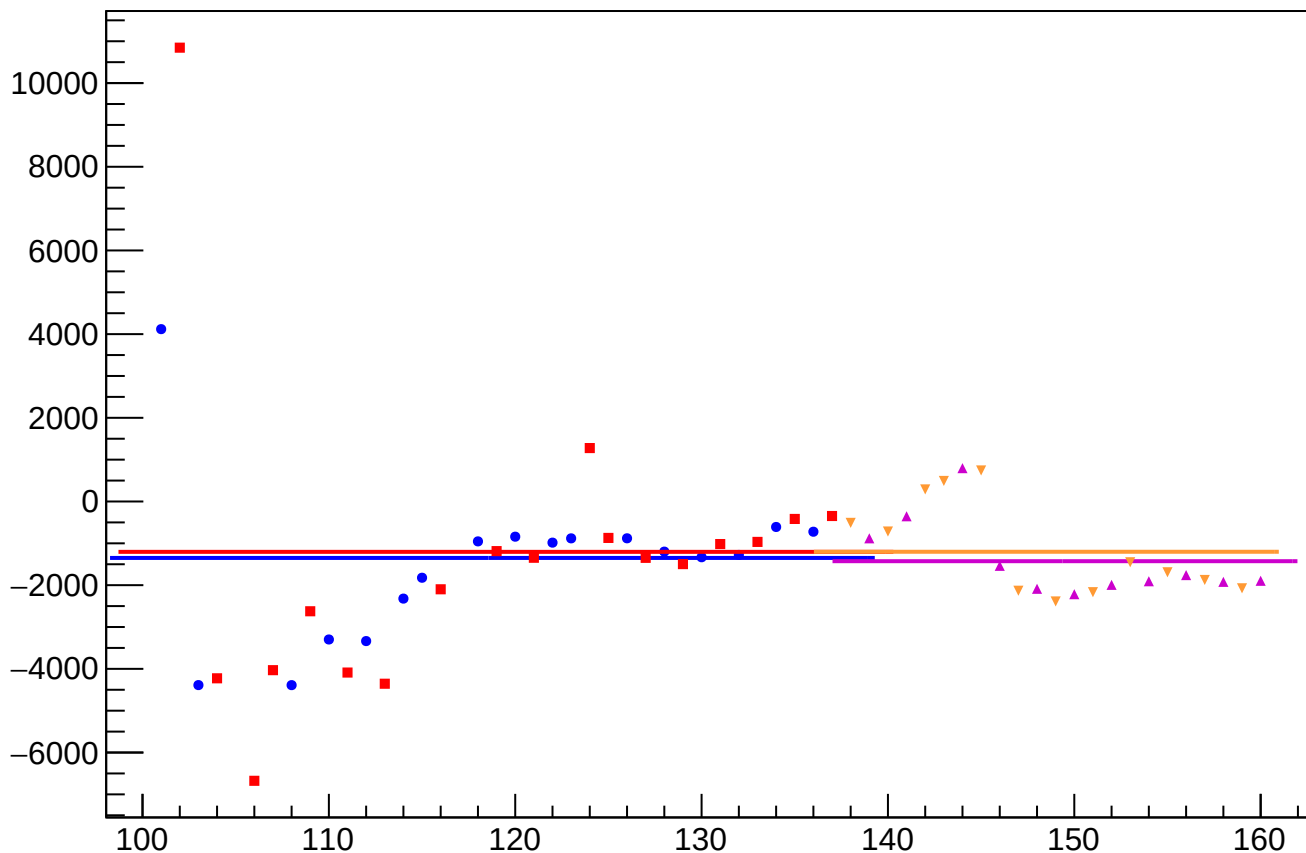
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

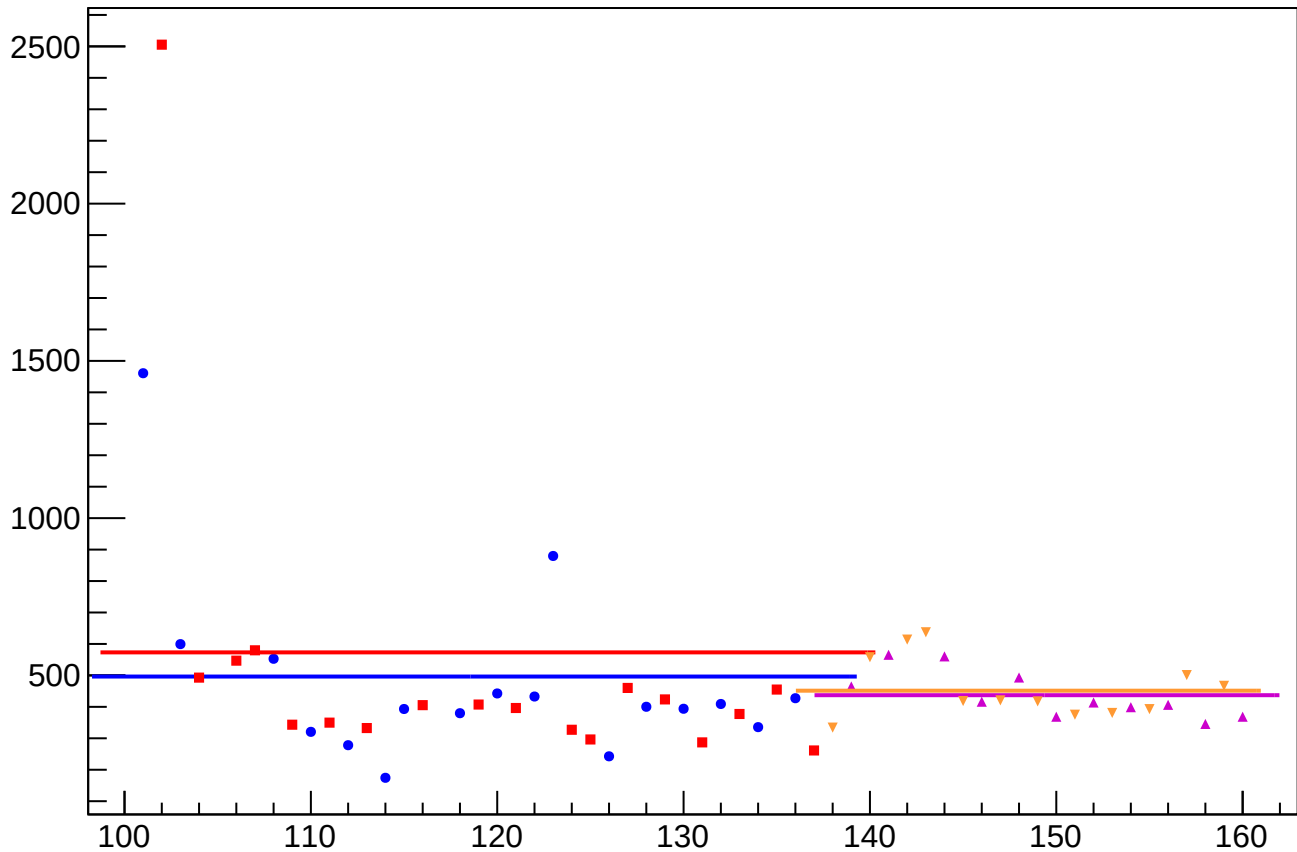
dit_atr1_coil4_mean vs Slug



Right In: -1349.176+/-0.000	χ^2/NDF : 3084941184045918680057306663363310256128.0/16
Left Out: -1201.551+/-0.000	χ^2/NDF : 1022278799851765665232545195889702993920.0/11
Right Out: -1203.612+/-0.000	χ^2/NDF : 11193438968454164485978999260490441424896.0/17
Left In: -1427.044+/-0.000	χ^2/NDF : 751413830478220555131206140402736300032.0/10

+ sign -1265.464+/-0.000 χ^2/NDF : 4115796389108
 All: -1298.232+/-0.000 χ^2/NDF : 1608425261
 - sign -1330.106+/-0.000 χ^2/NDF : 11965060685998

dit_atr1_coil4_err_mean vs Slug



Right In: 496.351+/-0.000 χ^2/NDF : 66983748455015205041159290240142147584.0/16

+ sign 470.846+/-0.000 χ^2/NDF : 749148131220304

Left Out: 451.374+/-0.000 χ^2/NDF : 7134946740505986037701205636285464576.0/11

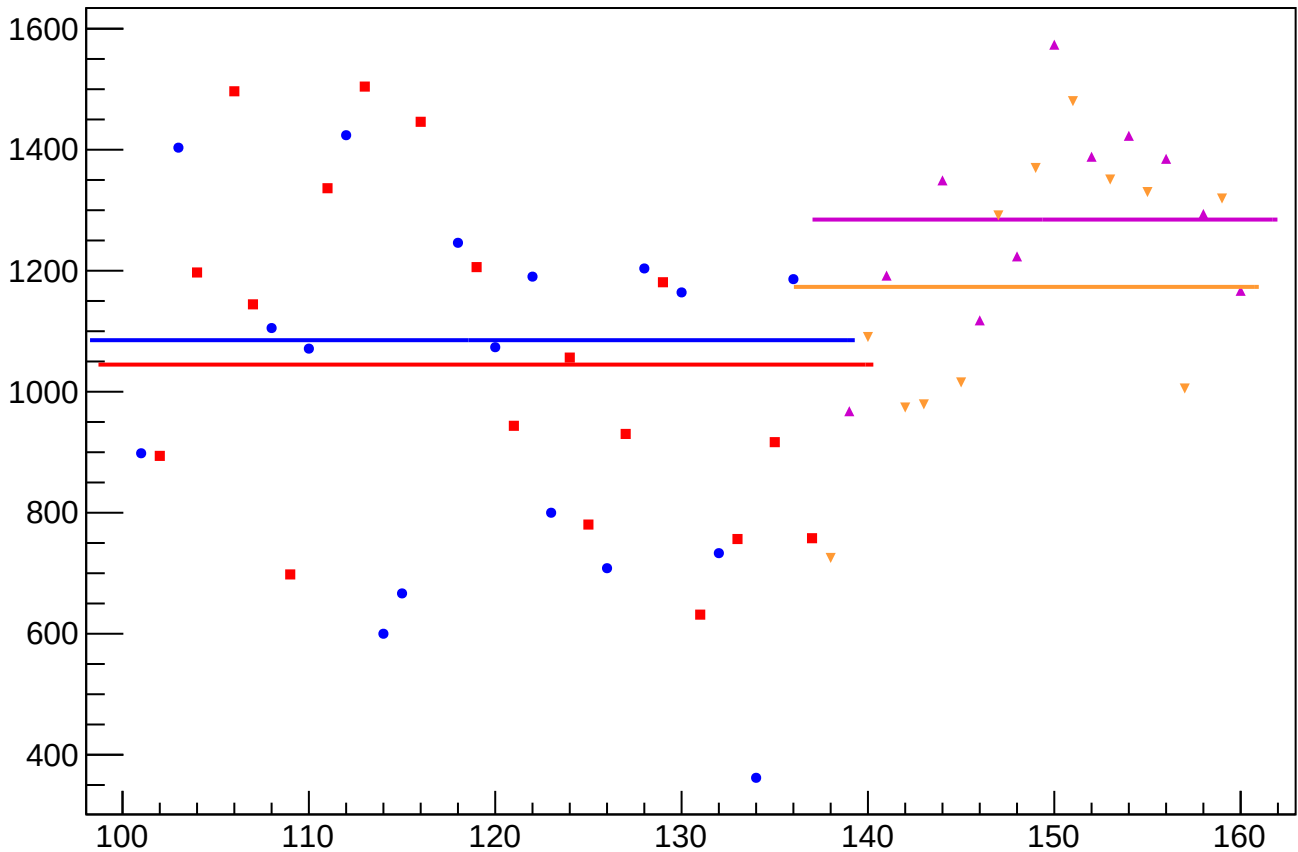
All: 483.650+/-0.000 χ^2/NDF : 327871415583

Right Out: 573.168+/-0.000 χ^2/NDF : 240073229917698868720276393416726675456.0/17

- sign 496.105+/-0.000 χ^2/NDF : 252438177393223

Left In: 437.047+/-0.000 χ^2/NDF : 4864659833143539285467190686845501440.0/10

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

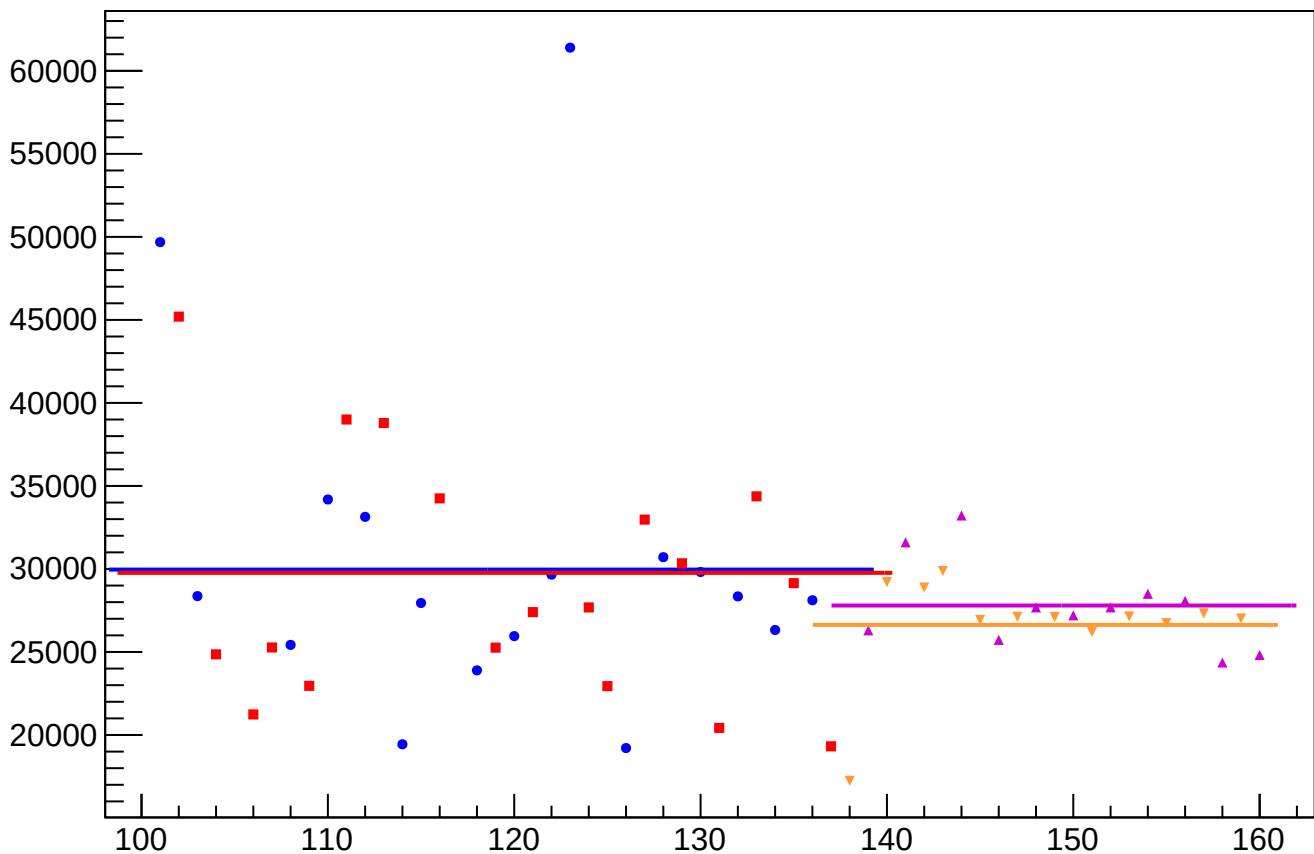
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

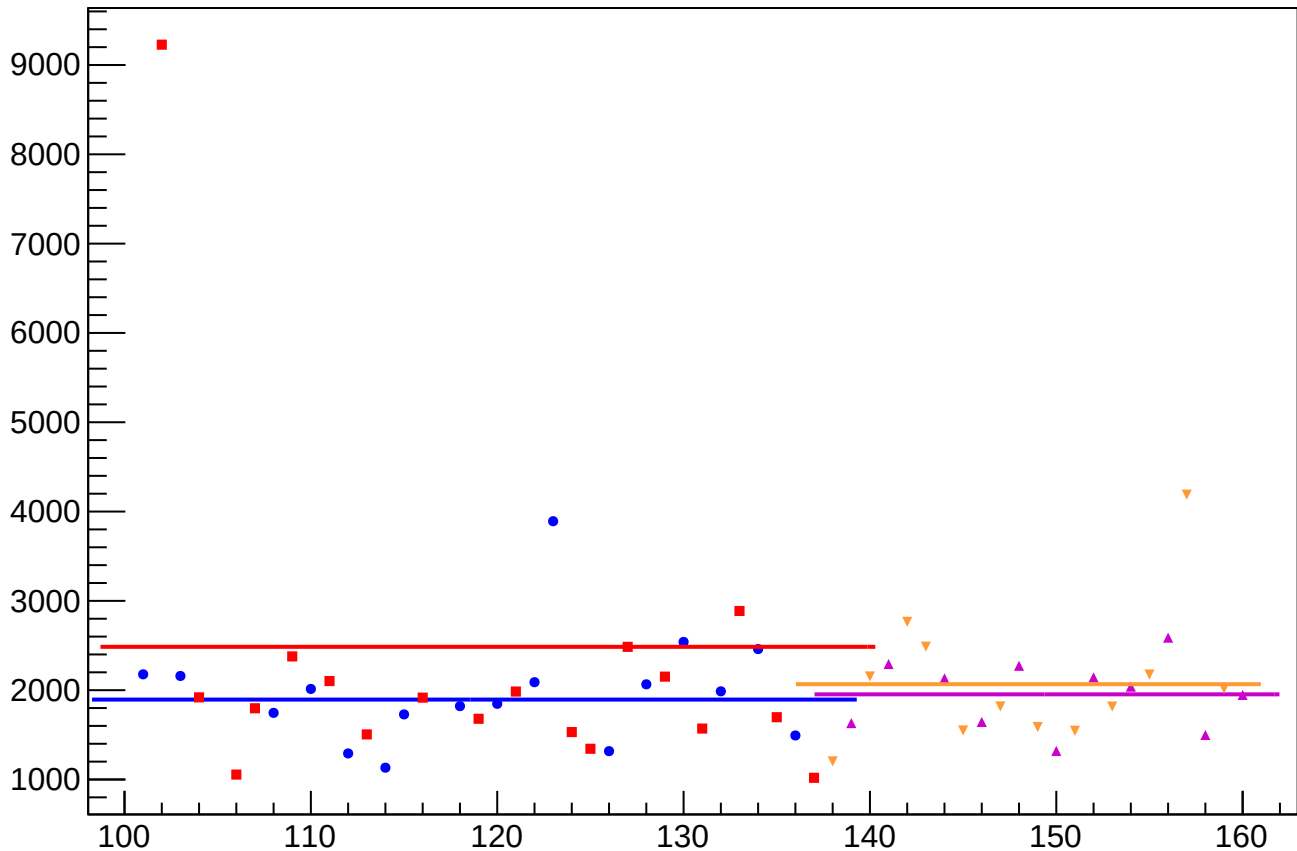
dit_atr2_coil4_mean vs Slug



Right In: 29960.563+/-0.000	χ^2/NDF : 38272709086570322906485359352807285587968.0/16
Left Out: 26632.417+/-0.000	χ^2/NDF : 8490243568880868958289706883488159891456.0/11
Right Out: 29764.245+/-0.000	χ^2/NDF : 38095124017741211444799459233695721848832.0/17
Left In: 27798.105+/-0.000	χ^2/NDF : 6158980585091942758745963697527175774208.0/10

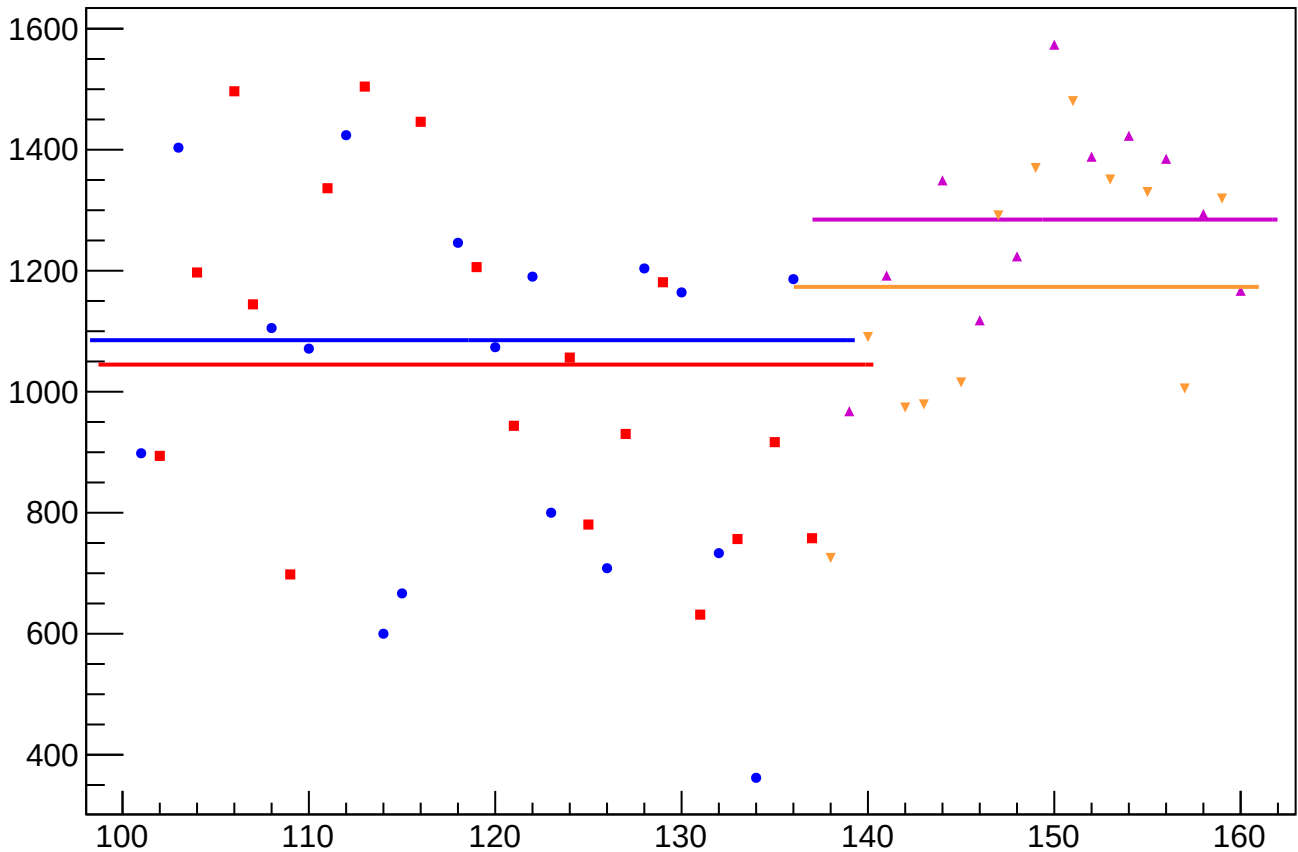
+ sign 28073.299+/-0.000 χ^2/NDF : 5112203081983
 All: 28366.215+/-0.000 χ^2/NDF : 9721225730
 - sign 28651.133+/-0.000 χ^2/NDF : 4581890749536

dit_atr2_coil4_err_mean vs Slug



Right In: 1894.762 $\pm$ 0.000 χ^2 /NDF: 112136505207273757562412234872415322112.0/16
 Left Out: 2067.096 $\pm$ 0.000 χ^2 /NDF: 498951714500530031712915611537190682624.0/11
 Right Out: 2485.438 $\pm$ 0.000 χ^2 /NDF: 3007798896738182941908815432963258843136.0/17
 Left In: 1953.340 $\pm$ 0.000 χ^2 /NDF: 126893636747608035073836069635988914176.0/10

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

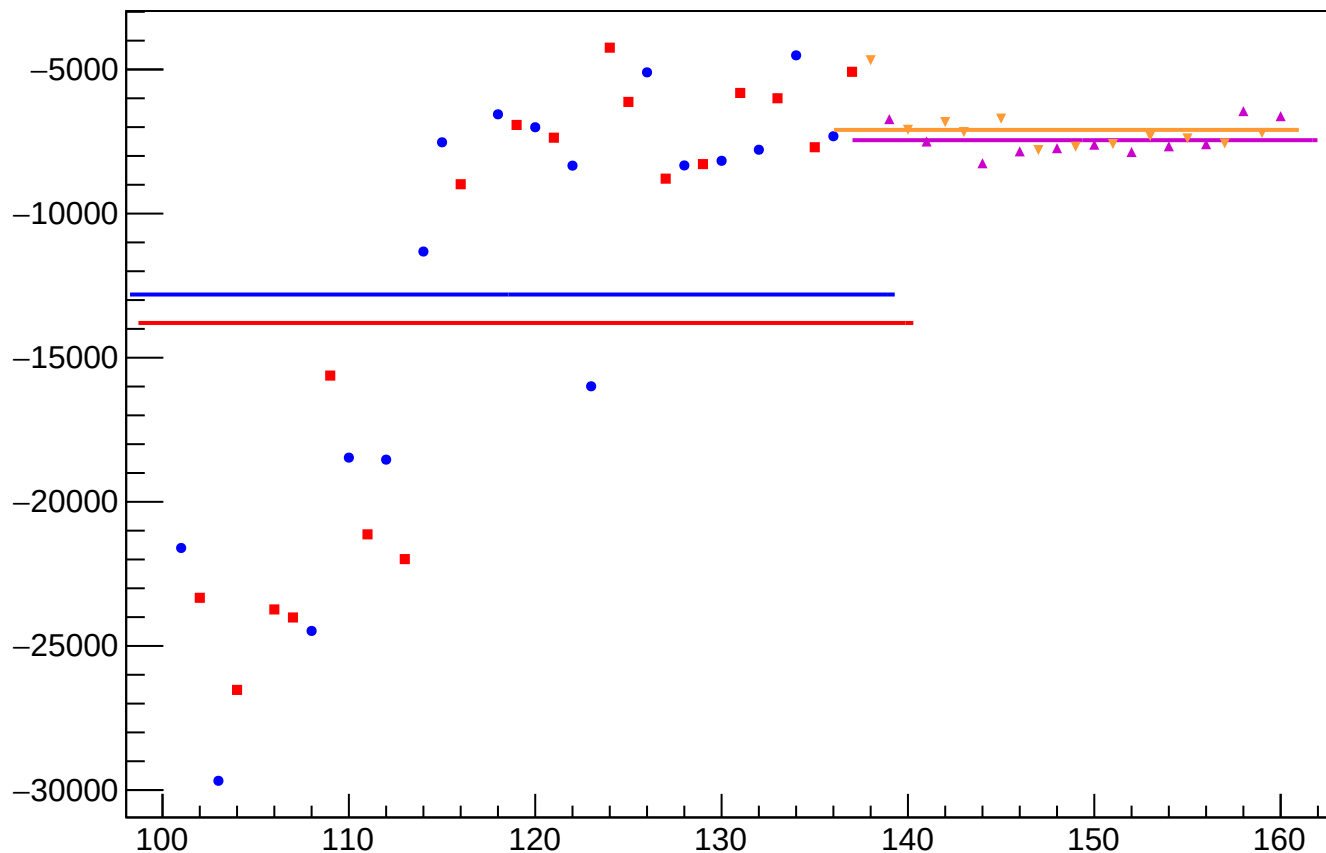
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam1_coil4_mean vs Slug



Right In: -12807.543+/-0.000 χ^2/NDF : 43495419642384540327712467114015835815936.0/16

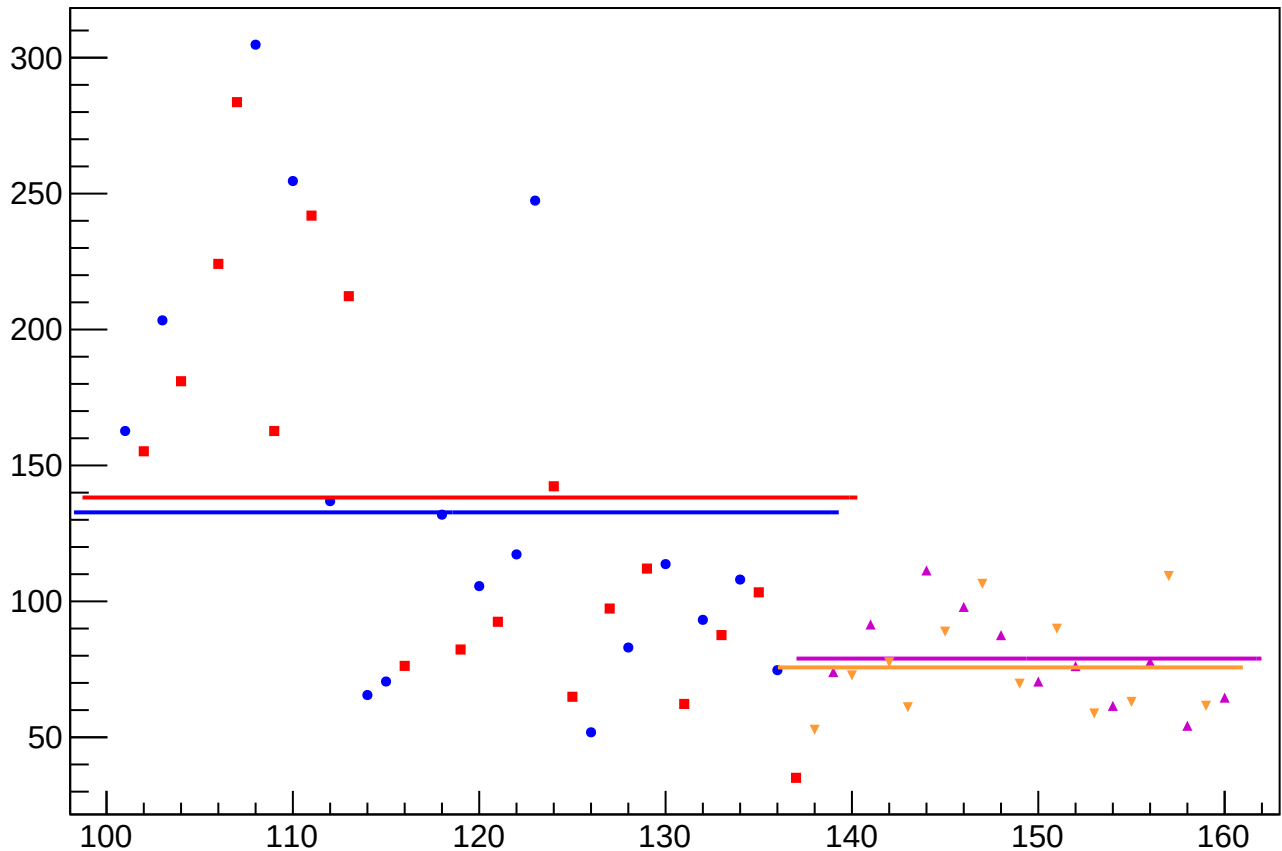
Left Out: -7096.329+/-0.000 χ^2/NDF : 584722053171334285321257985594368196608.0/11

Right Out: -13794.471+/-0.000 χ^2/NDF : 44540762371856662603320518030739625738240.0/17

Left In: -7453.581+/-0.000 χ^2/NDF : 281861545149716894658296806870620307456.0/10

All: -9891.183+/-0.000 χ^2/NDF : 1183430201

dit_sam1_coil4_err_mean vs Slug



Right In: 132.743+/-0.000 χ^2/NDF : 2974792347641490027349453247875121152.0/16

+ sign 100.393+/-0.000 χ^2/NDF : 455465484880578

Left Out: 75.694+/-0.000 χ^2/NDF : 299041397812904543240527879931428864.0/11

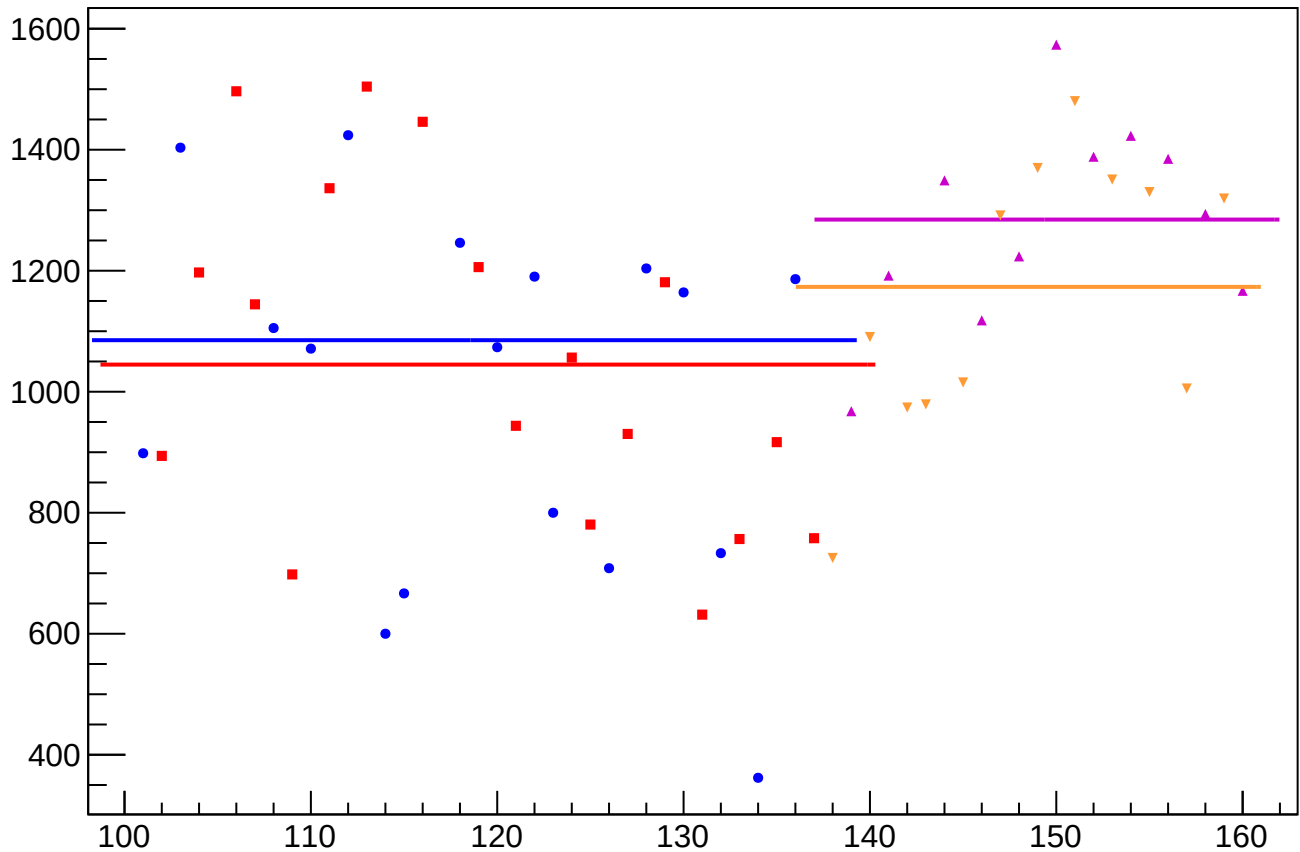
All: 102.556+/-0.000 χ^2/NDF : 931010048540

Right Out: 138.207+/-0.000 χ^2/NDF : 3073549318432471040798146297277186048.0/17

- sign 104.661+/-0.000 χ^2/NDF : 474063897841299

Left In: 78.954+/-0.000 χ^2/NDF : 245917130698538374305589687150968832.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

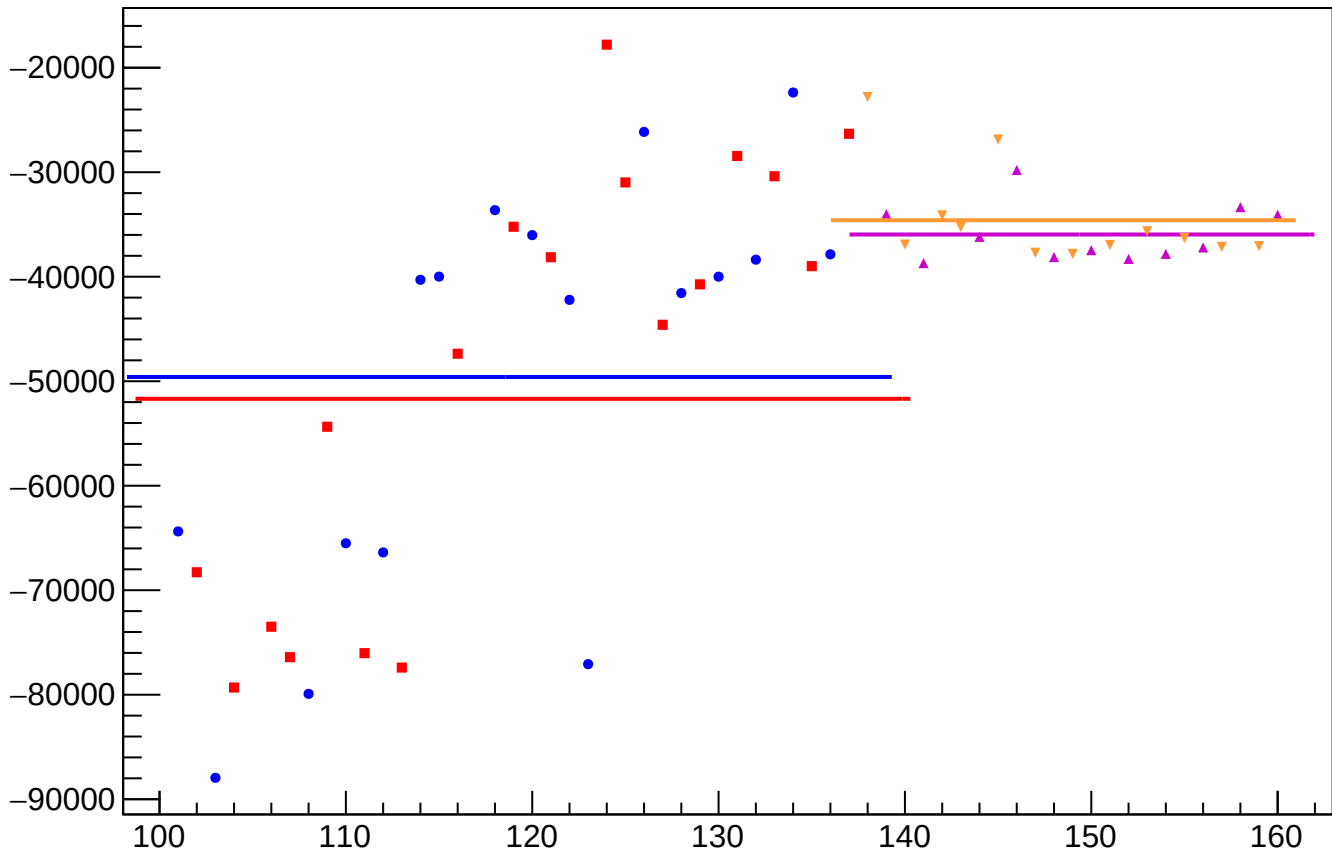
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_sam2_coil4_mean vs Slug



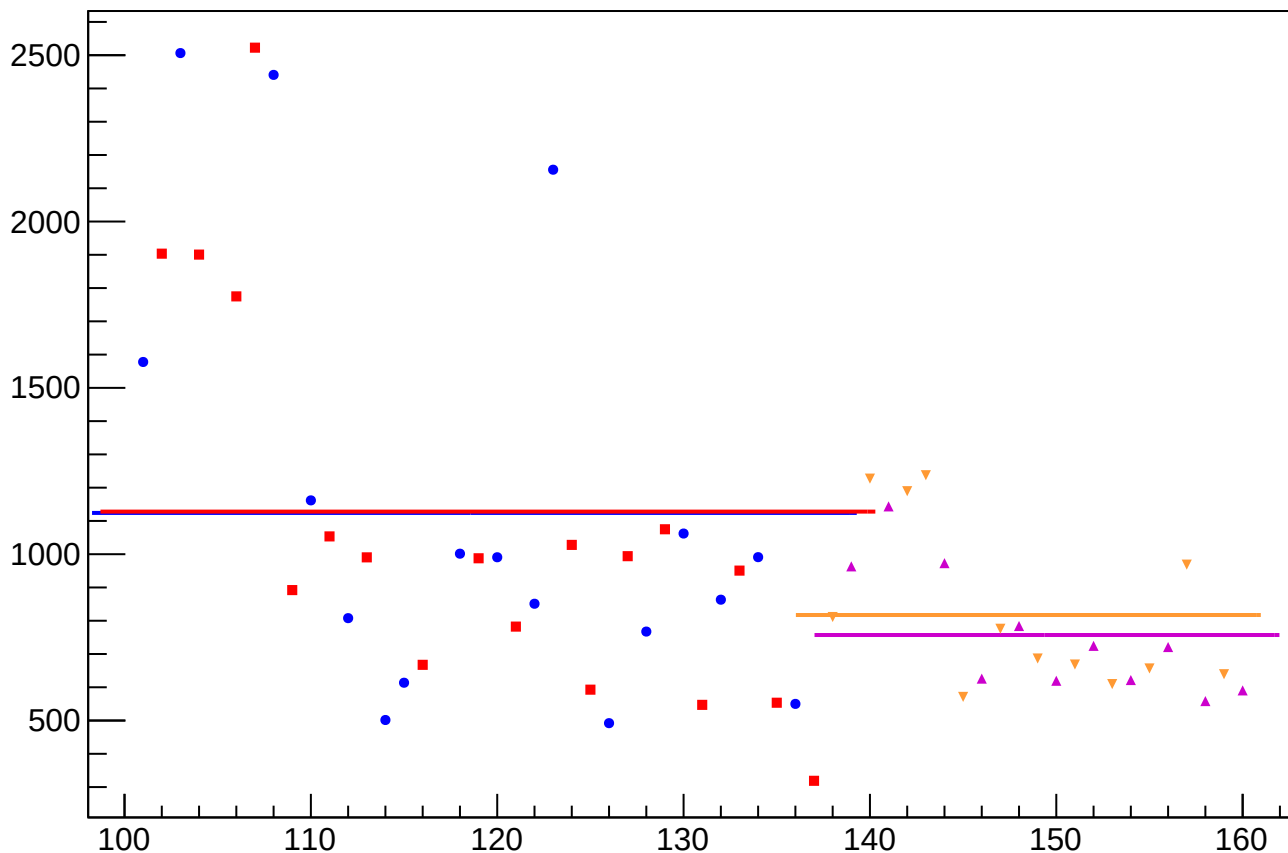
Right In: -49596.405+/-0.000	χ^2/NDF : 248313182325102448289525934605791330828288.0/16
Left Out: -34593.901+/-0.000	χ^2/NDF : 19332238764834112124747040225536159776768.0/11
Right Out: -51680.980+/-0.000	χ^2/NDF : 268094403741805330481600683125097153691648.0/17
Left In: -35959.420+/-0.000	χ^2/NDF : 6460763561716039047552359643495482261504.0/10

+ sign -41089.059+/-0.000 χ^2/NDF : 356221688672

All: -41946.417+/-0.000 χ^2/NDF : 733152366

- sign -42780.364+/-0.000 χ^2/NDF : 3746062422135

dit_sam2_coil4_err_mean vs Slug



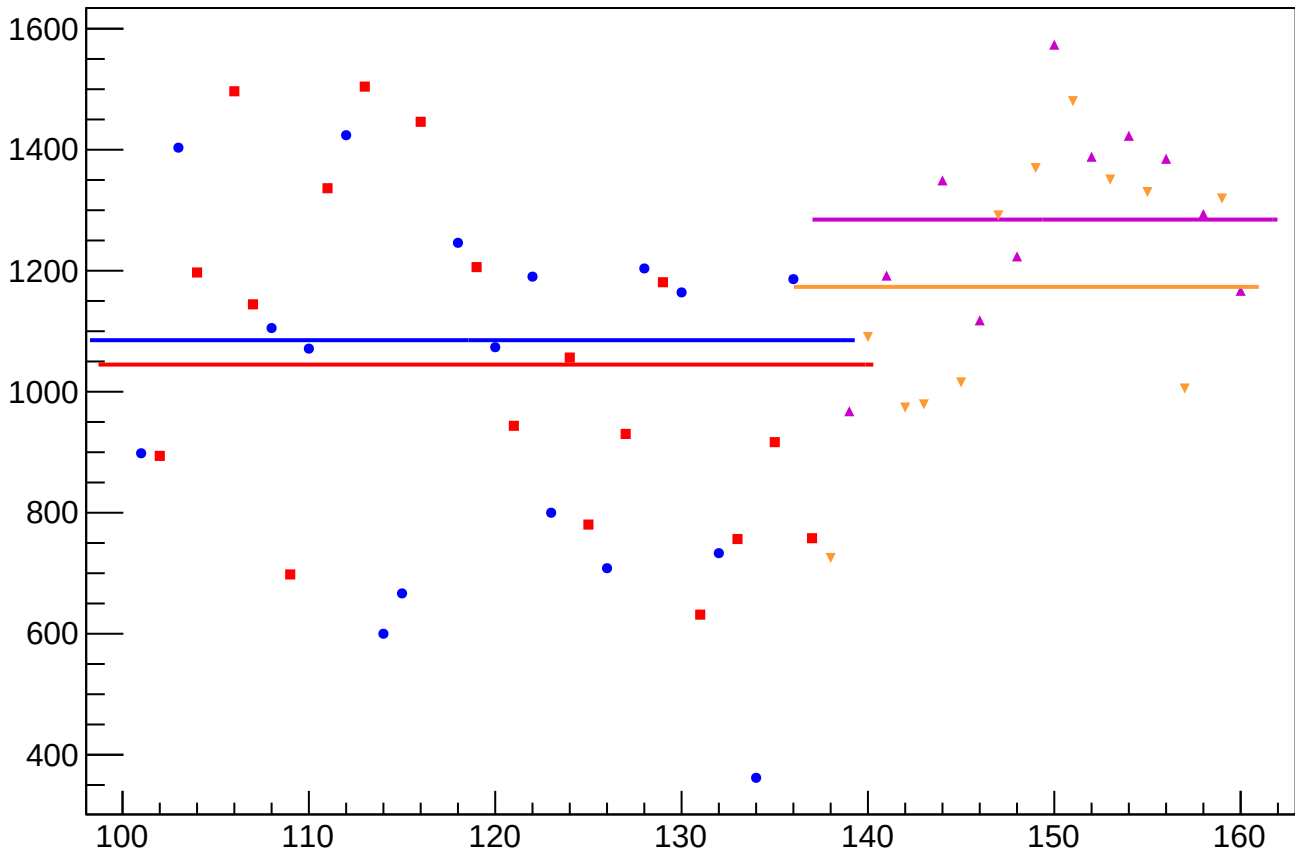
Right In: 1124.063+/-0.000 χ^2/NDF : 267842110554403806997651522470490931200.0/16

Left Out: 817.239+/-0.000 χ^2/NDF : 49942482269119198529888239758950268928.0/11

Right Out: 1128.051+/-0.000 χ^2/NDF : 216680110329654752465971394746324615168.0/17

Left In: 757.110+/-0.000 χ^2/NDF : 30838574623639063731513645765836668928.0/10

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

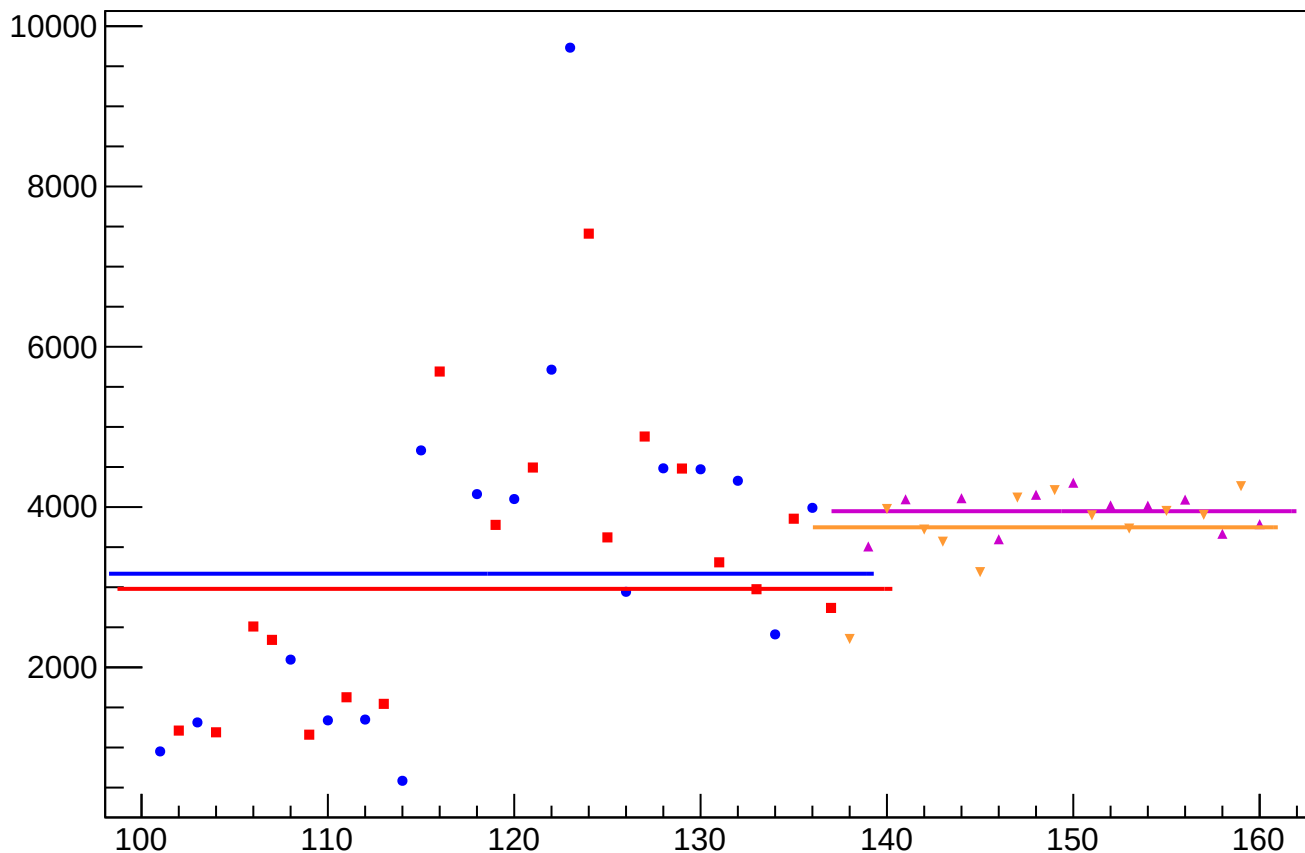
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

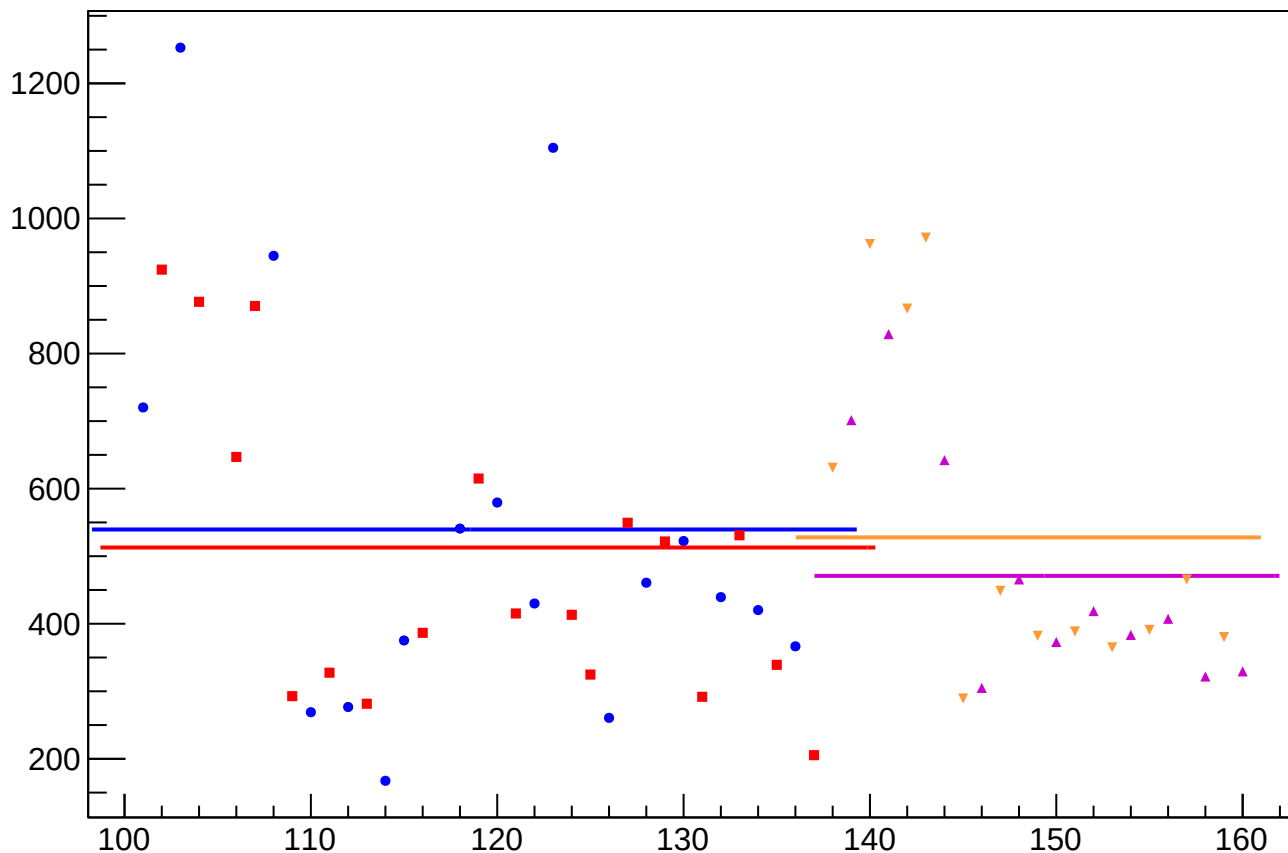
- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_sam3_coil4_mean vs Slug



Right In: 3168.399+/-0.000 χ^2/NDF : 1758554525431486031573031760874625302528.0/16
 Left Out: 3747.596+/-0.000 χ^2/NDF : 238995509272824091169755194048479494144.0/11
 Right Out: 2979.505+/-0.000 χ^2/NDF : 1604891244832822830292138533265256480768.0/17
 Left In: 3948.419+/-0.000 χ^2/NDF : 56222692399509421042001989393274896384.0/10

dit_sam3_coil4_err_mean vs Slug



Right In: 539.553+/-0.000 χ^2/NDF : 54885482787684067638945528690813960192.0/16

+ sign 532.929+/-0.000 χ^2/NDF : 103689323551083

Left Out: 527.872+/-0.000 χ^2/NDF : 48750144611720202302366636740746149888.0/11

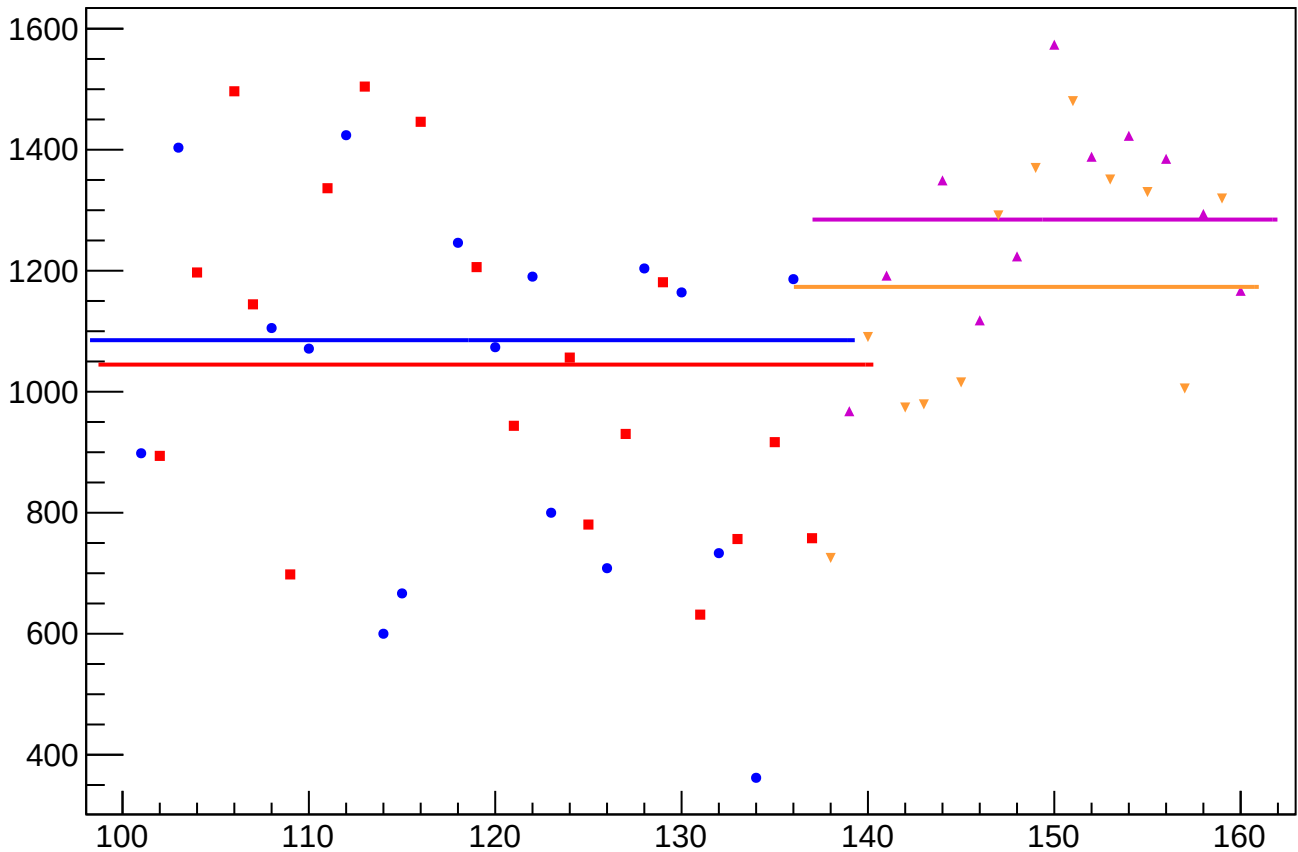
All: 510.718+/-0.000 χ^2/NDF : 167635305229

Right Out: 512.868+/-0.000 χ^2/NDF : 36013592539821220444279901122721742848.0/17

- sign 489.113+/-0.000 χ^2/NDF : 623859313505835

Left In: 470.909+/-0.000 χ^2/NDF : 25659671763739065949342929962819125248.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

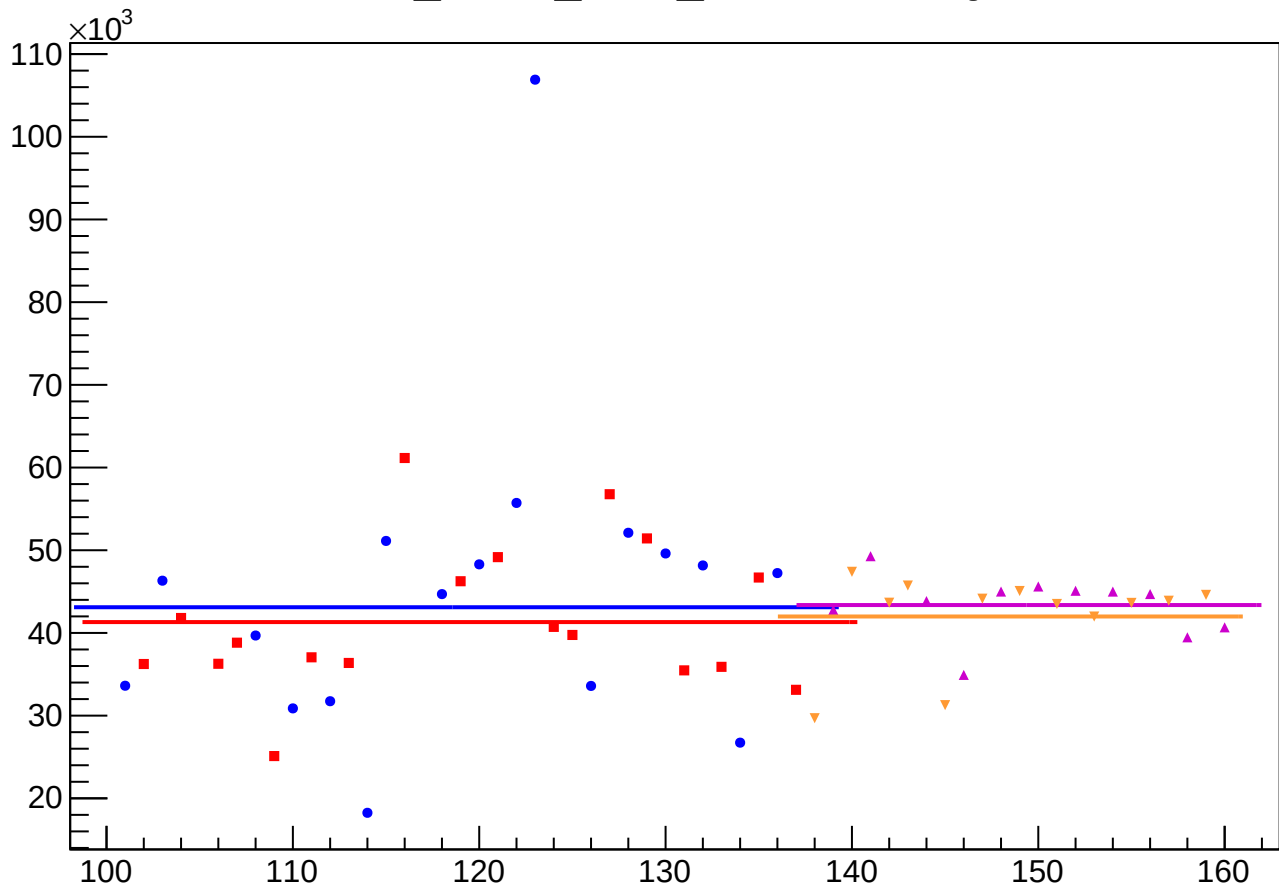
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

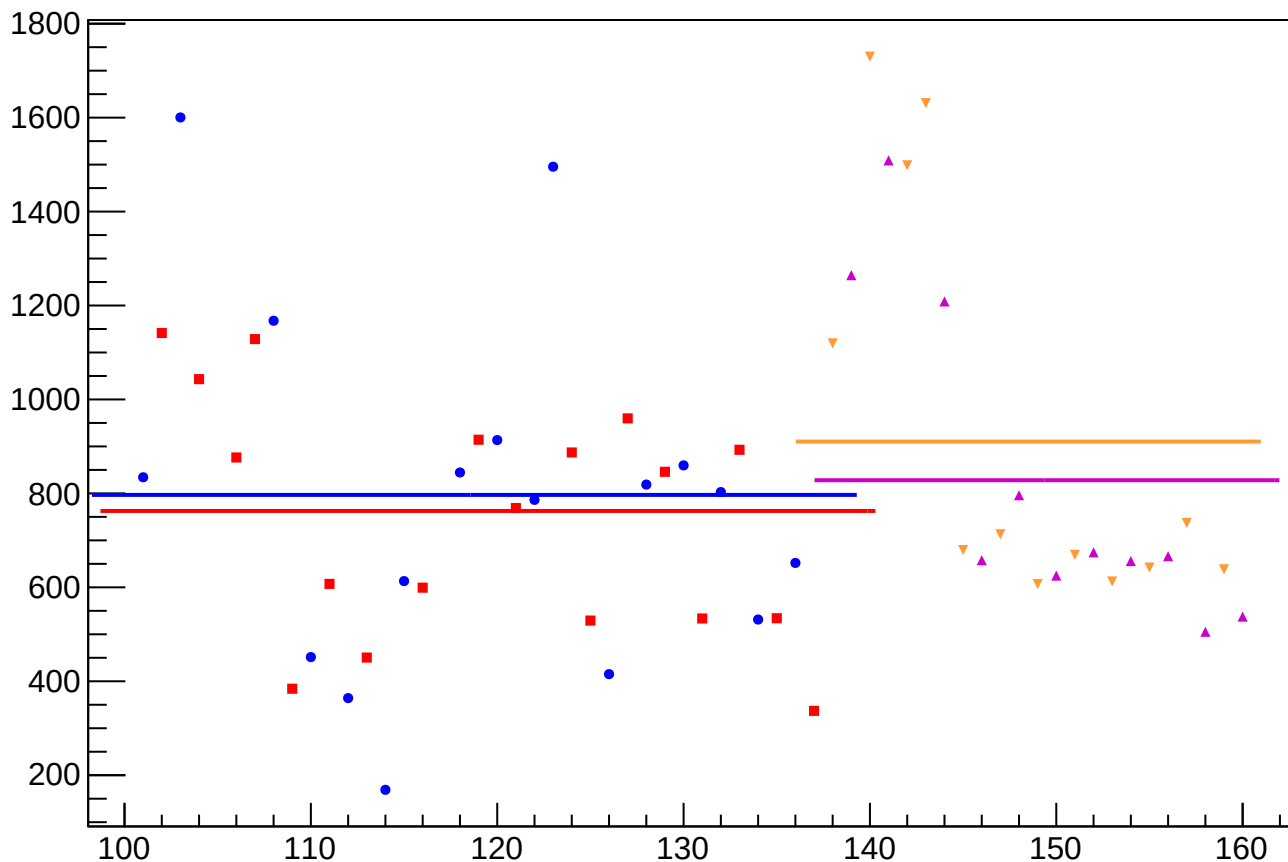
dit_sam4_coil4_mean vs Slug



Right In: 43108.031+/-0.000	χ^2/NDF : 68611682581967867390827070514847106990080.0/16
Left Out: 41988.937+/-0.000	χ^2/NDF : 26595625315184876661727332300070884212736.0/11
Right Out: 41313.091+/-0.000	χ^2/NDF : 51625009130500845485657820618169448923136.0/17
Left In: 43372.857+/-0.000	χ^2/NDF : 12091187656502960448848492579917477707776.0/10

+ sign 42473.436+/-0.000 χ^2/NDF : 9570016655114
 All: 42476.362+/-0.000 χ^2/NDF : 161133769
 - sign 42479.209+/-0.000 χ^2/NDF : 6543357577807

dit_sam4_coil4_err_mean vs Slug



Right In: 796.788 $\pm$ 0.000 χ^2 /NDF: 74155375401966789010322999397605965824.0/16

Left Out: 910.363 $\pm$ 0.000 χ^2 /NDF: 150023970715127091011215524166165856256.0/11

Right Out: 762.642 $\pm$ 0.000 χ^2 /NDF: 44999366783777016136570300173215858688.0/17

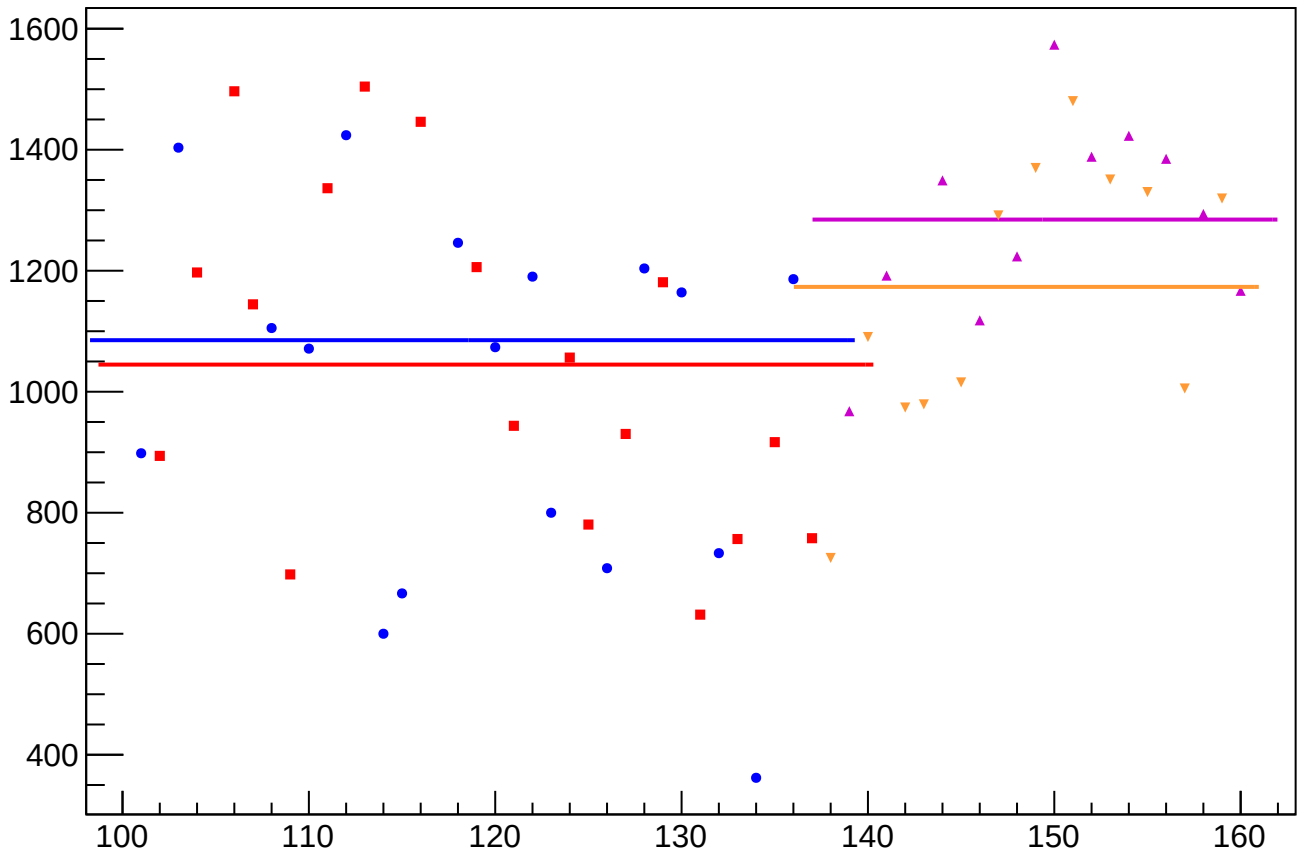
Left In: 828.047 $\pm$ 0.000 χ^2 /NDF: 96201297506087070099989263222619242496.0/10

+ sign 861.192 $\pm$ 0.000 χ^2 /NDF: 229255785162804

All: 830.005 $\pm$ 0.000 χ^2 /NDF: 375263680723

- sign 799.670 $\pm$ 0.000 χ^2 /NDF: 142932321770367

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

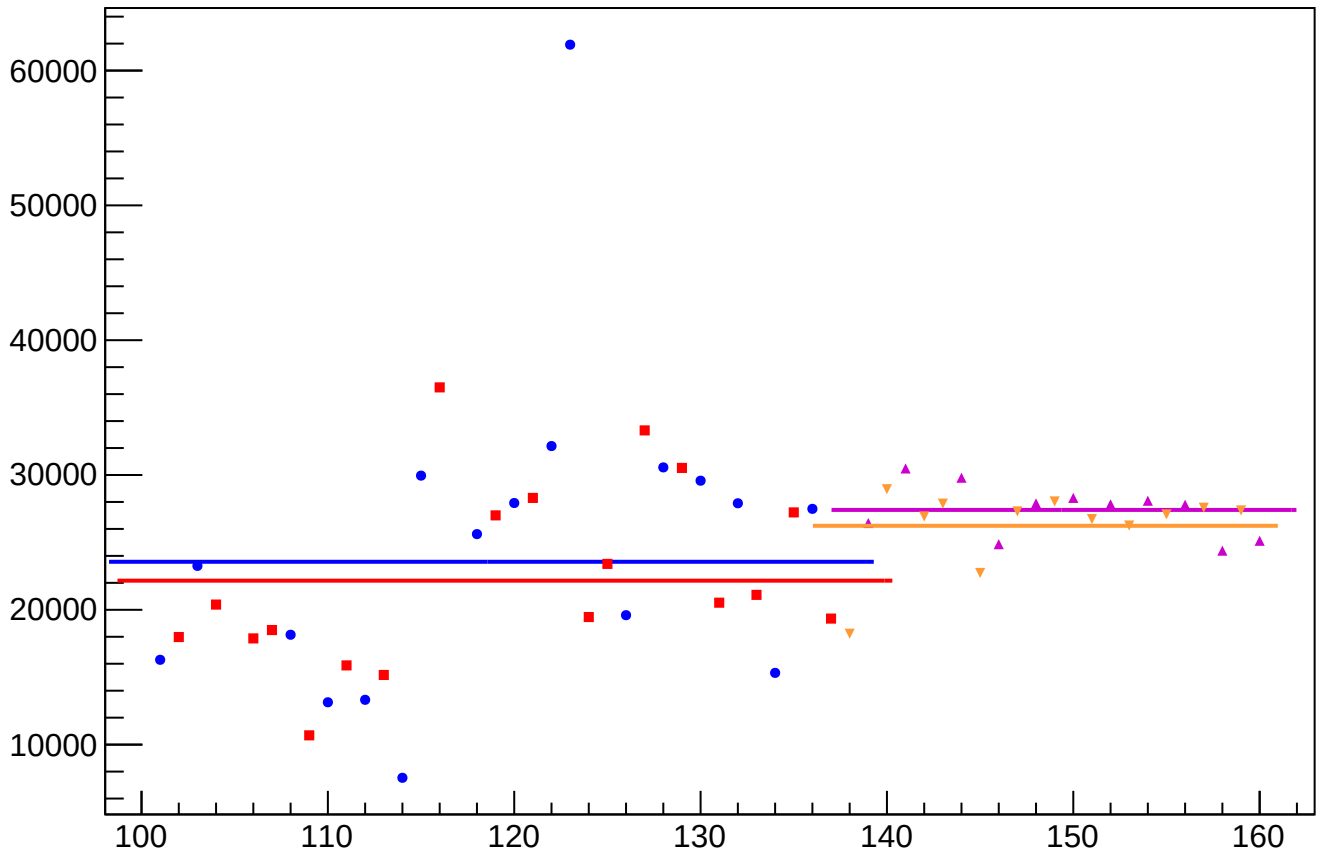
Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

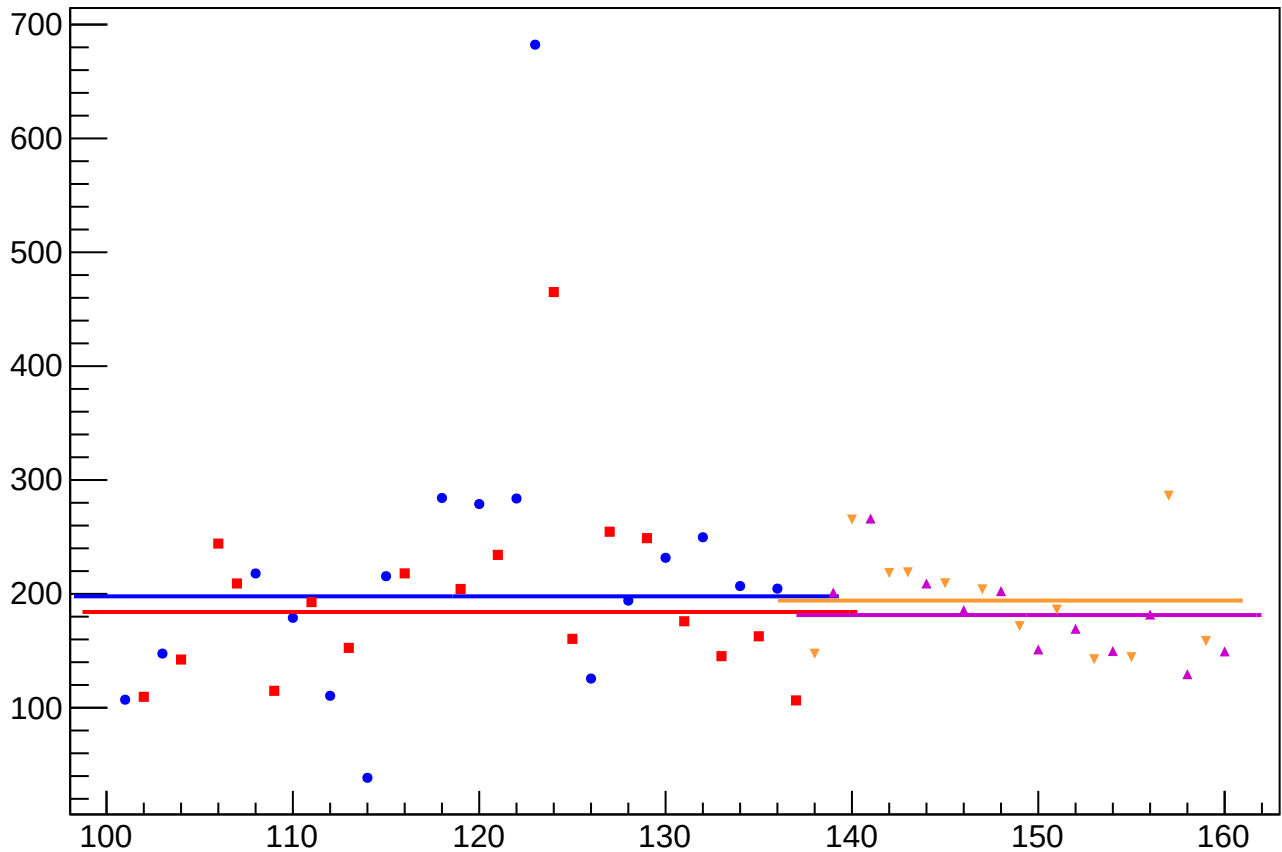
All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

dit_sam5_coil4_mean vs Slug



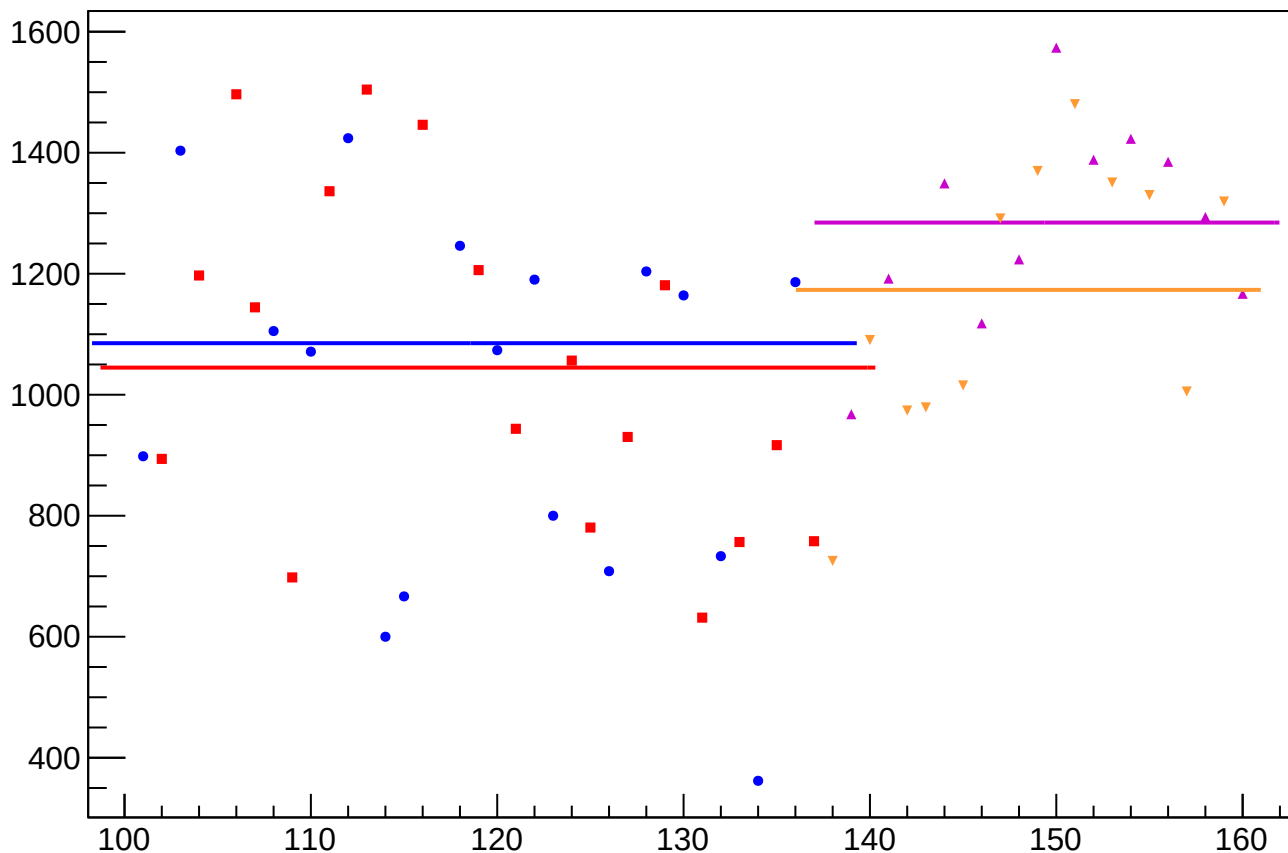
Right In: 23563.217 $\pm$ 0.000 χ^2 /NDF: 35385807137271018817625418232540839280640.0/16
 Left Out: 26232.941 $\pm$ 0.000 χ^2 /NDF: 7436306383754098156934386282018195374080.0/11
 Right Out: 22162.506 $\pm$ 0.000 χ^2 /NDF: 30926817479017578857864317291139006726144.0/17
 Left In: 27409.308 $\pm$ 0.000 χ^2 /NDF: 3260068033865796960082272162296933384192.0/10
 All: 25105.411 $\pm$ 0.000 χ^2 /NDF: 9095992036
 + sign 25077.115 $\pm$ 0.000 χ^2 /NDF: 4562704807427
 - sign 25132.934 $\pm$ 0.000 χ^2 /NDF: 4533034042690

dit_sam5_coil4_err_mean vs Slug



Right In: 197.841+/-0.000	χ^2/NDF : 3601849103427594359827693165900464128.0/16	+ sign 195.746+/-0.000	χ^2/NDF : 548624027789253
Left Out: 194.146+/-0.000	χ^2/NDF : 1879017279218446114091371157486829568.0/11	All: 189.072+/-0.000	χ^2/NDF : 95735353015
Right Out: 184.108+/-0.000	χ^2/NDF : 2706165724913072523706132651898306560.0/17	- sign 182.580+/-0.000	χ^2/NDF : 394644182603320
Left In: 181.409+/-0.000	χ^2/NDF : 1237326176797583481368716307739967488.0/10		

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

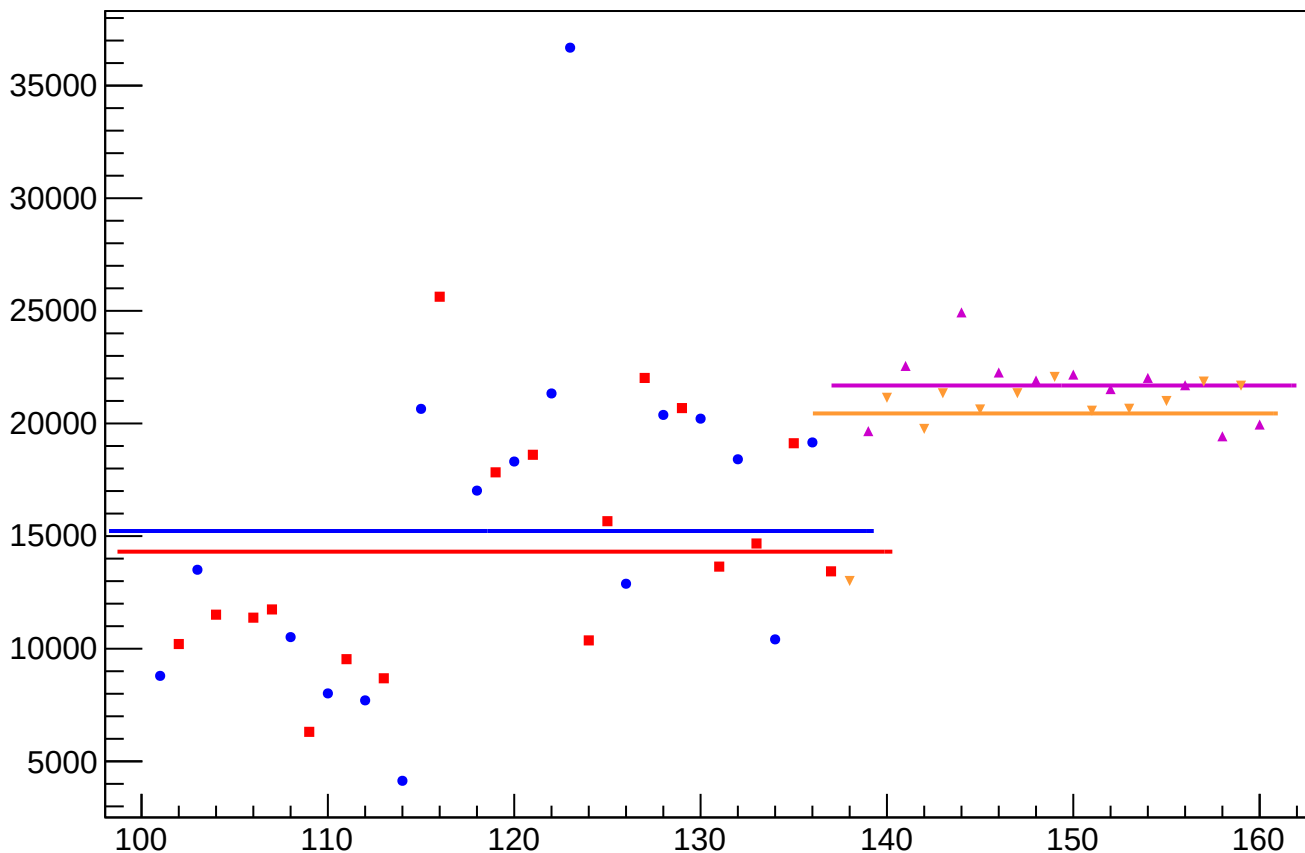
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

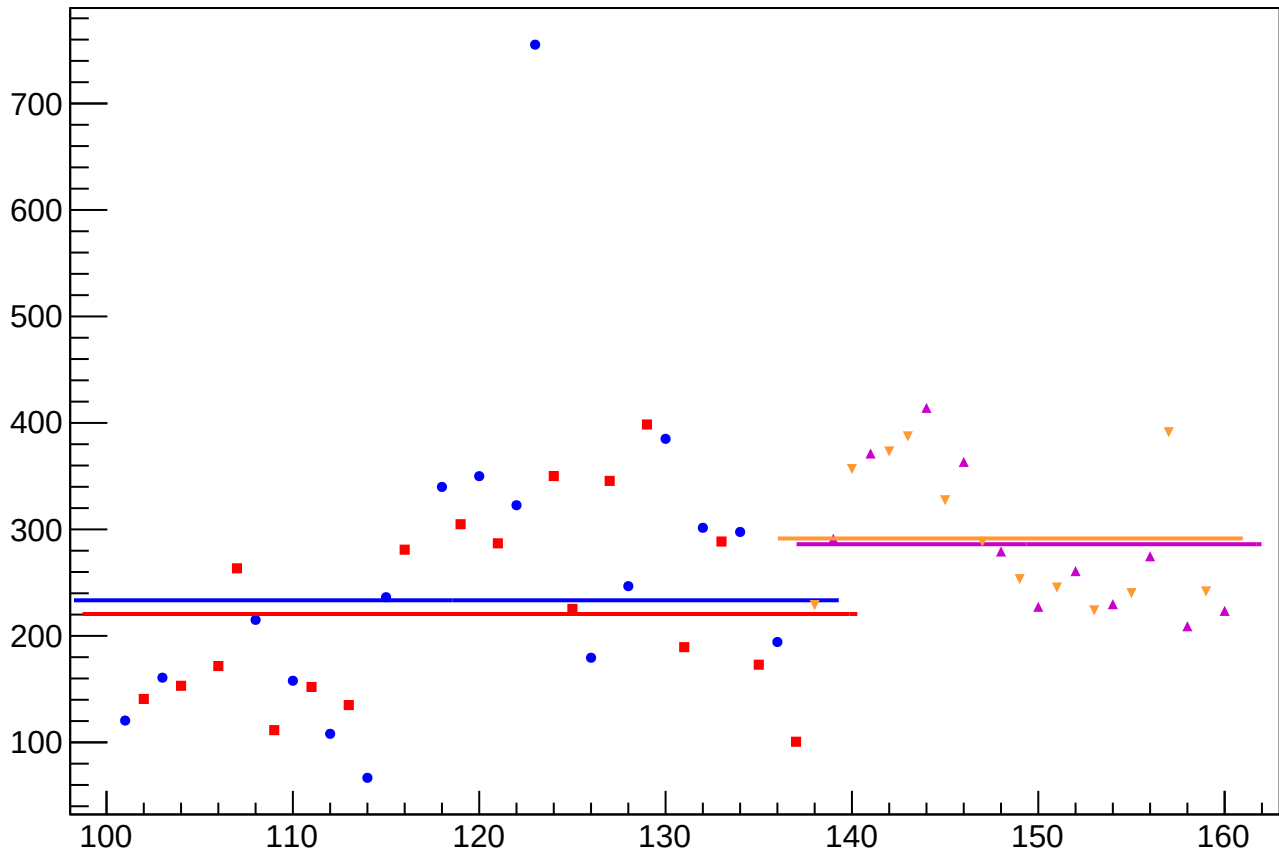
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam6_coil4_mean vs Slug



Right In: 15226.152+/-0.000 χ^2/NDF : 19033981883616318675707973818231845552128.0/16
 Left Out: 20444.904+/-0.000 χ^2/NDF : 5015541788113107499549833018825777348608.0/11
 Right Out: 14308.618+/-0.000 χ^2/NDF : 17986620092143727991108175714996656799744.0/17
 Left In: 21685.940+/-0.000 χ^2/NDF : 2061414370106068569162415723838611390464.0/10

dit_sam6_coil4_err_mean vs Slug



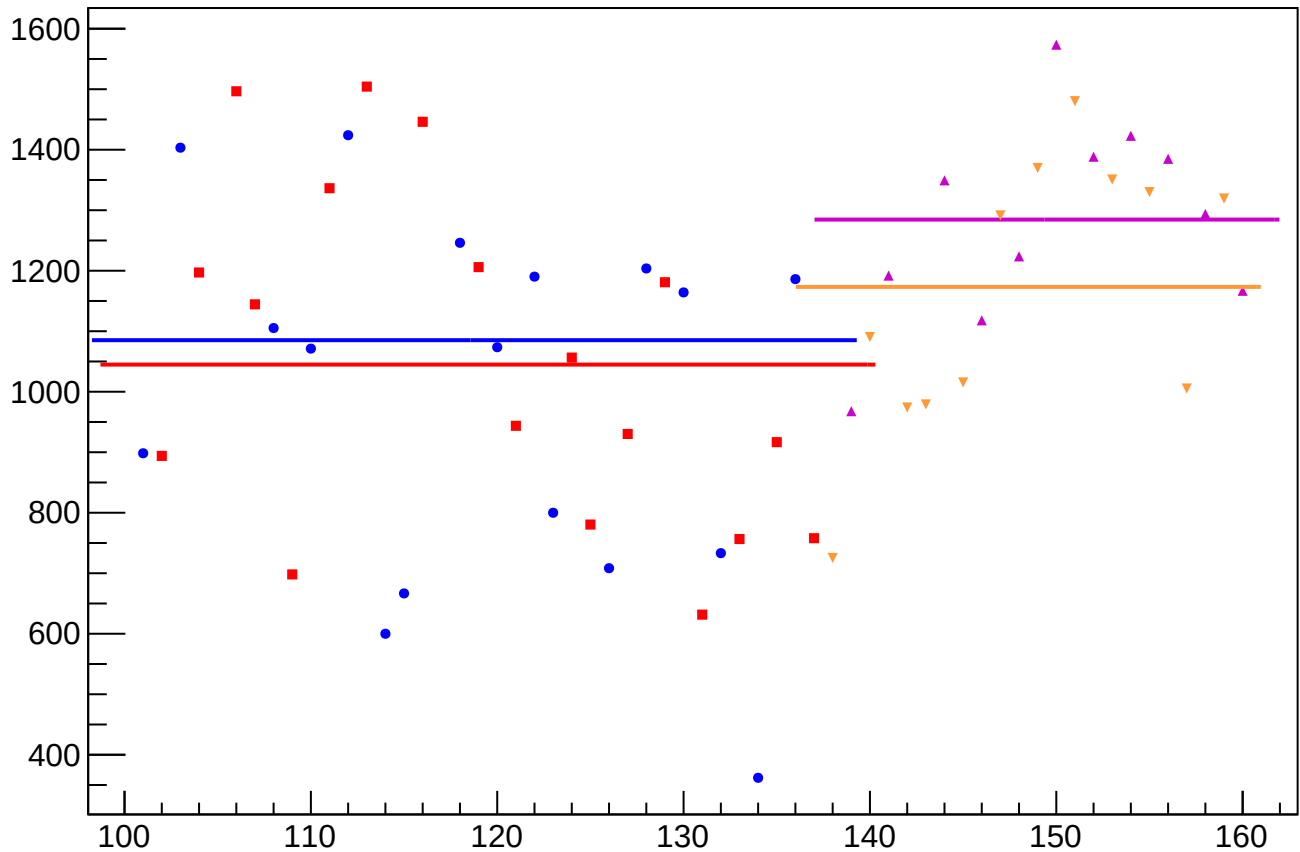
Right In: 233.427+/-0.000	χ^2/NDF : 6632421375389201944932770217893822464.0/16
Left Out: 291.492+/-0.000	χ^2/NDF : 3496936665449814929425245861490720768.0/11
Right Out: 220.559+/-0.000	χ^2/NDF : 5383695019108554854360648047063465984.0/17
Left In: 286.089+/-0.000	χ^2/NDF : 4047639086763227768293546604548325376.0/10

+ sign 266.353+/-0.000 χ^2/NDF : 114561808141761

All: 261.946+/-0.000 χ^2/NDF : 22687247885

- sign 257.658+/-0.000 χ^2/NDF : 111696299159964

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

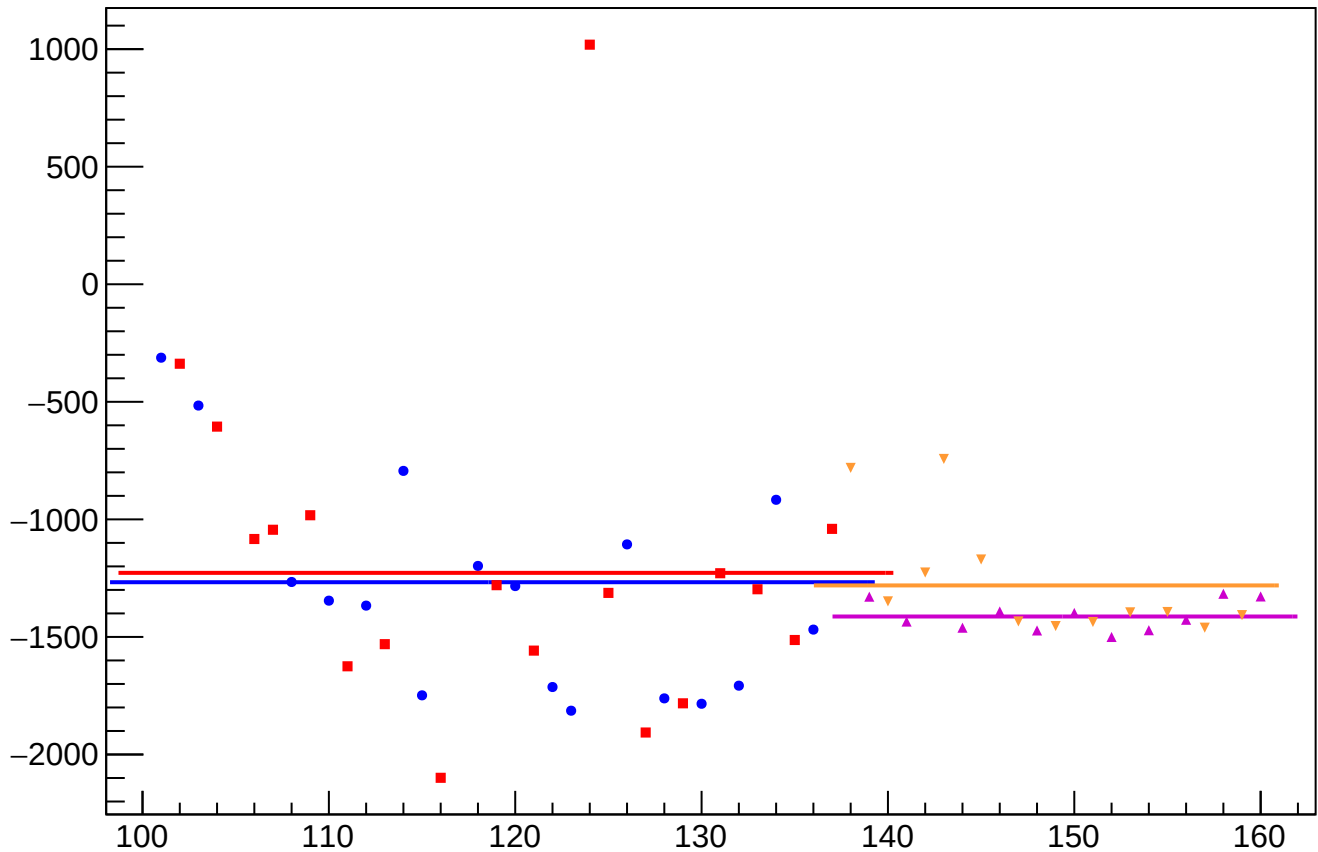
Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

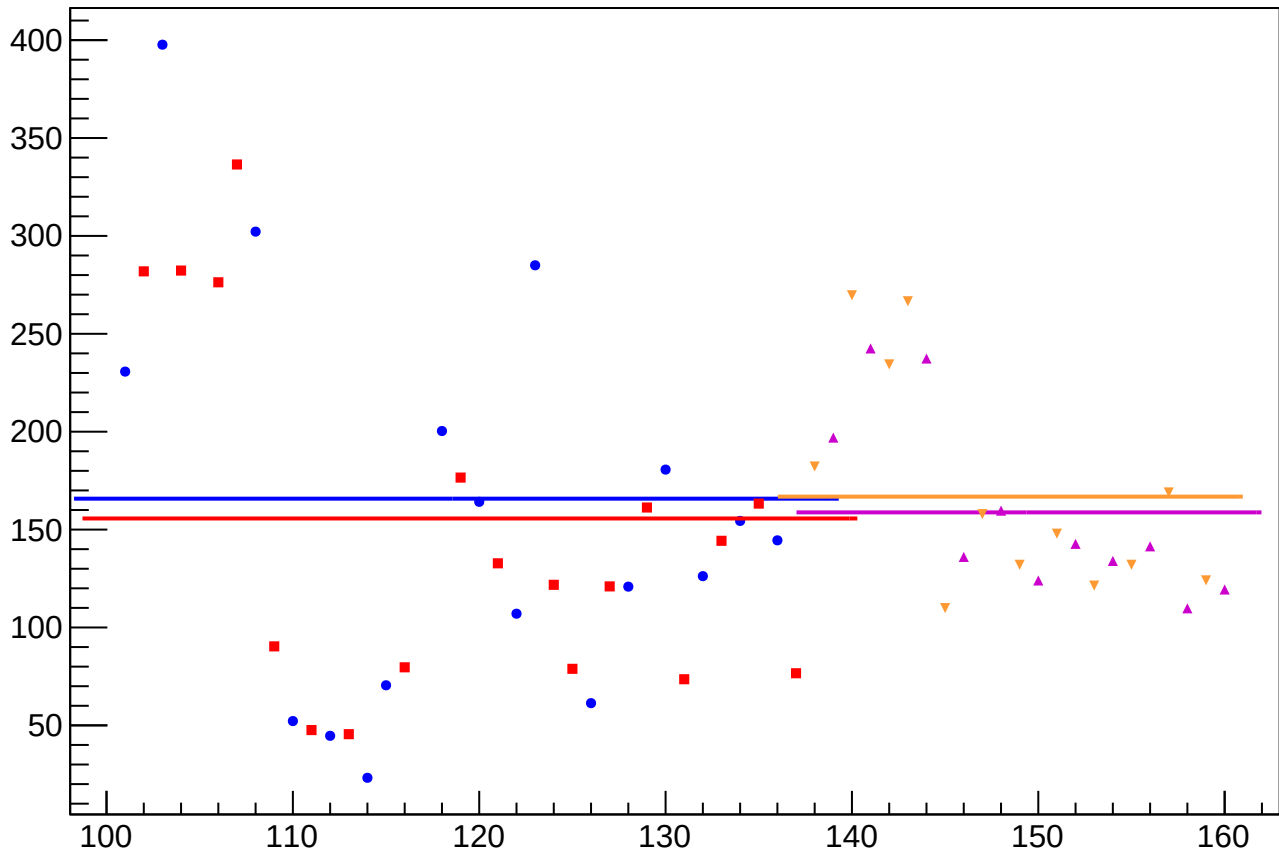
dit_sam7_coil4_mean vs Slug



Right In: -1267.268+/-0.000	χ^2/NDF : 145198686124385842675248081831068696576.0/16
Left Out: -1280.919+/-0.000	χ^2/NDF : 52350467274887830805489203247275048960.0/11
Right Out: -1227.490+/-0.000	χ^2/NDF : 214319050187910672698323609340044378112.0/17
Left In: -1413.098+/-0.000	χ^2/NDF : 3510654626311902880652773562800668672.0/10

+ sign -1275.009+/-0.000 χ^2/NDF : 1976224825891
 All: -1304.188+/-0.000 χ^2/NDF : 4320897912
 - sign -1332.570+/-0.000 χ^2/NDF : 23177495682648

dit_sam7_coil4_err_mean vs Slug



Right In: 165.791+/-0.000 χ^2/NDF : 6599926309722586861325010177468923904.0/16

+ sign 166.380+/-0.000 χ^2/NDF : 917060071056293

Left Out: 166.830+/-0.000 χ^2/NDF : 2570249887219169860921416363043454976.0/11

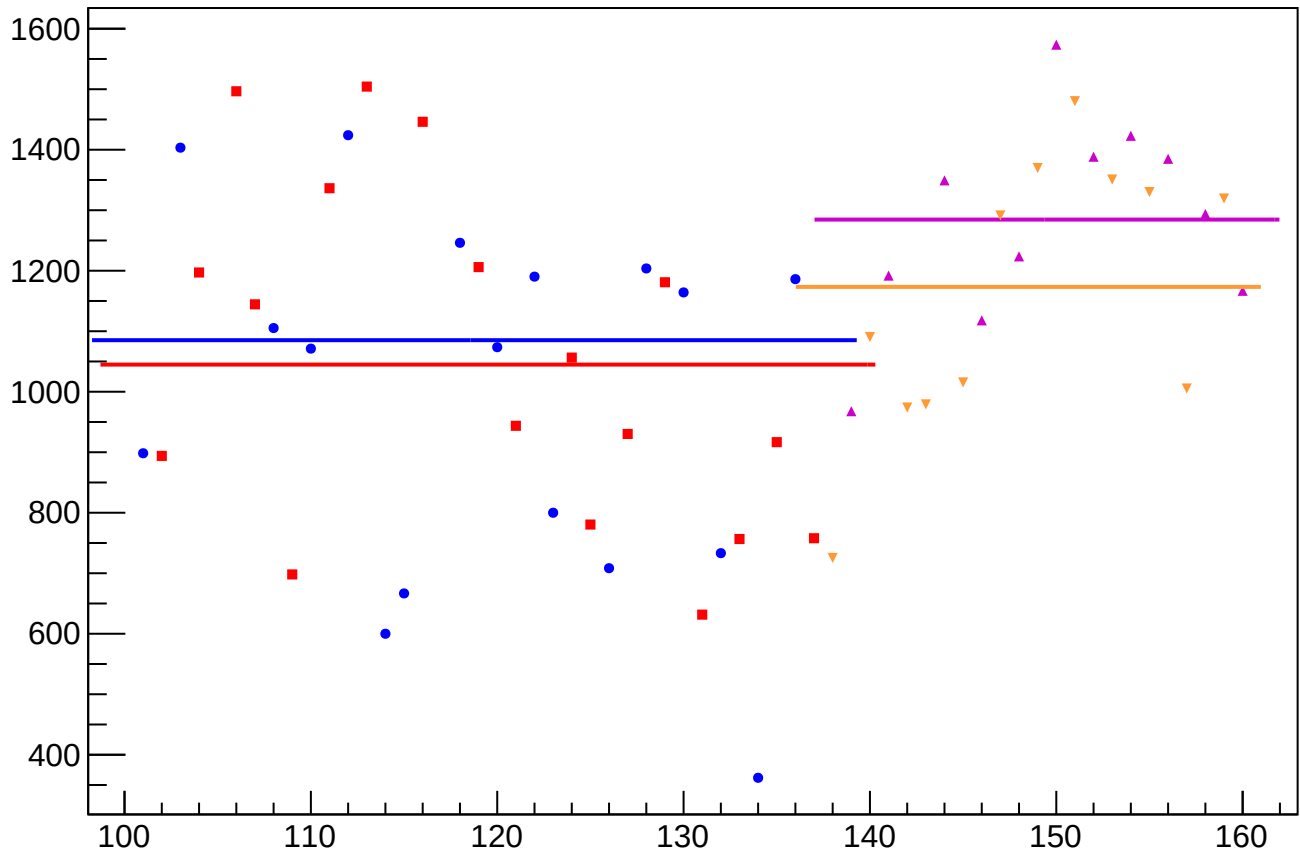
All: 161.846+/-0.000 χ^2/NDF : 16587221574

Right Out: 155.674+/-0.000 χ^2/NDF : 5506170000172026486696305926028132352.0/17

- sign 157.436+/-0.000 χ^2/NDF : 735160811086087

Left In: 158.786+/-0.000 χ^2/NDF : 1841518274242064728634139939665084416.0/10

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

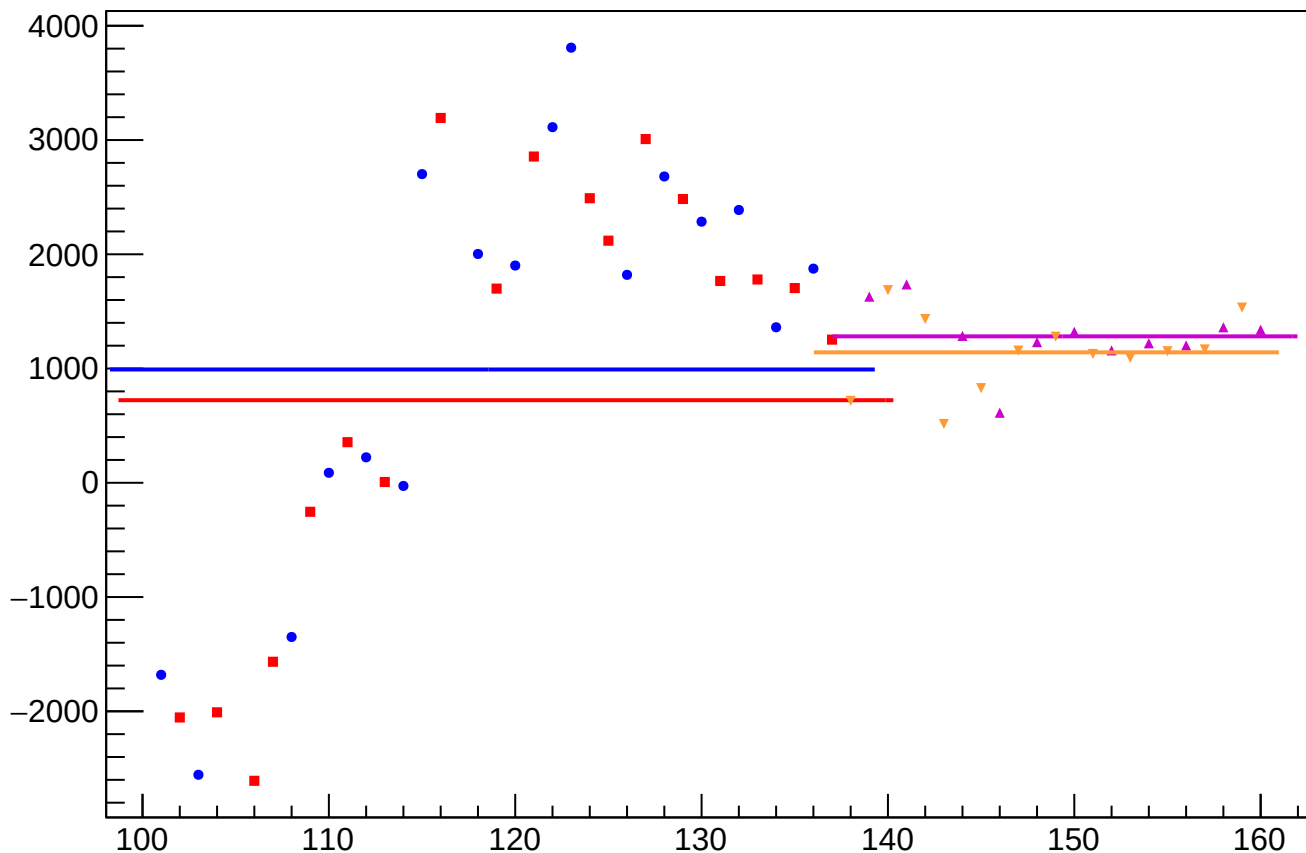
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam8_coil4_mean vs Slug



Right In: 991.656+/-0.000 χ^2/NDF : 2196543485135713219136059560633443549184.0/16

+ sign 1076.771+/-0.000 χ^2/NDF : 22957638189544

Left Out: 1141.755+/-0.000 χ^2/NDF : 90353942436830856594949216052979957760.0/11

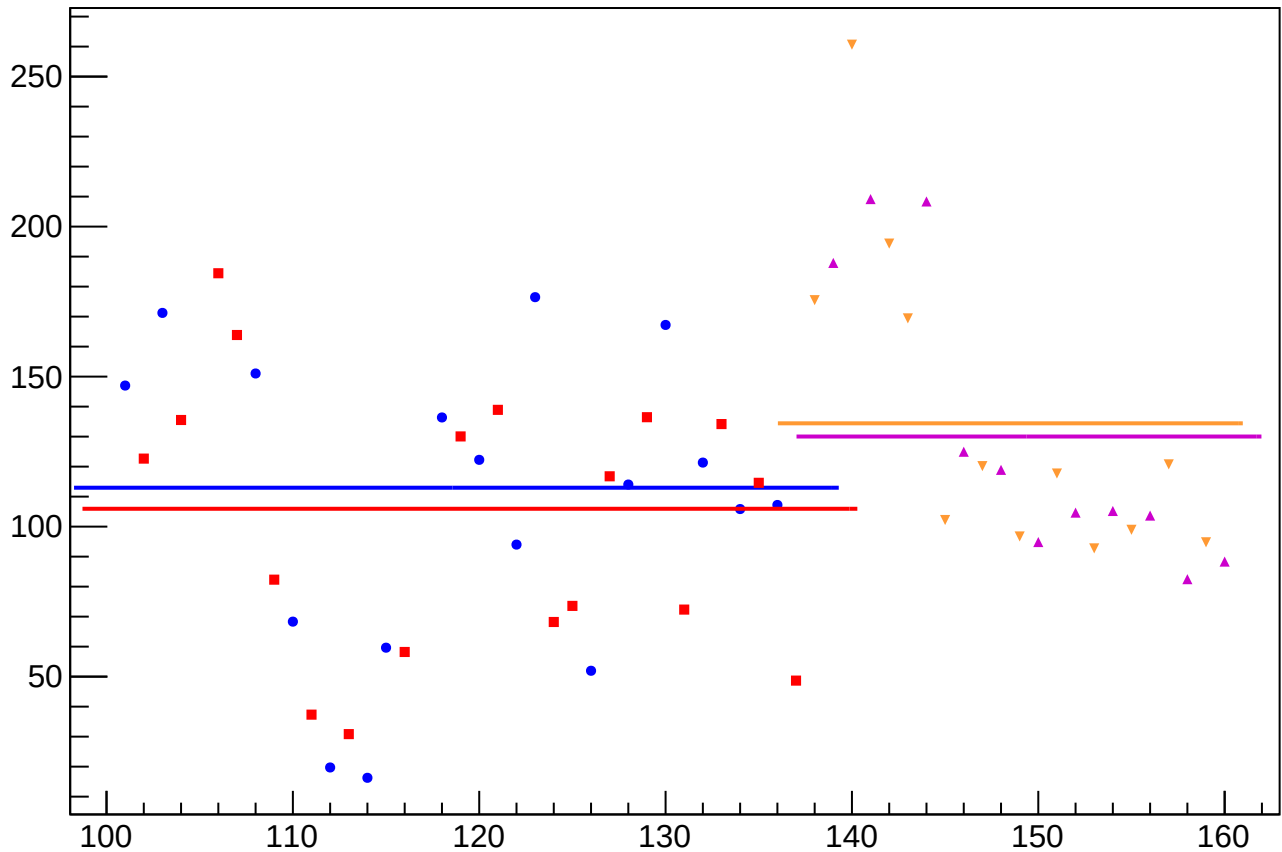
All: 1057.729+/-0.000 χ^2/NDF : 49212801436

Right Out: 722.834+/-0.000 χ^2/NDF : 2430230107927732709008698791969328988160.0/17

- sign 1039.207+/-0.000 χ^2/NDF : 26243697122879

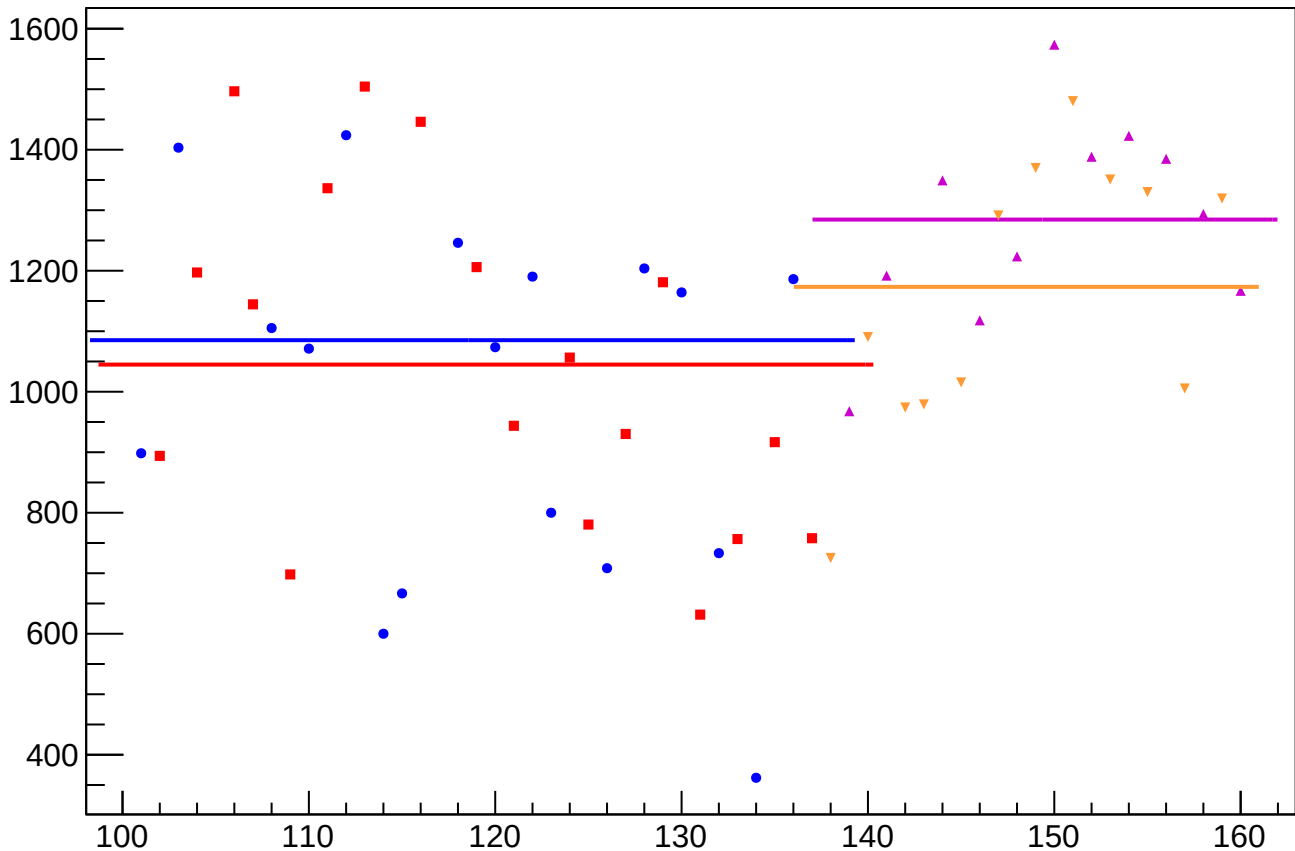
Left In: 1281.659+/-0.000 χ^2/NDF : 67729567822989794442627212039346454528.0/10

dit_sam8_coil4_err_mean vs Slug



Right In: 112.967 $\pm$ 0.000 χ^2 /NDF: 1352482381635393188272506664826961920.0/16
 Left Out: 134.431 $\pm$ 0.000 χ^2 /NDF: 2310662516274369890170239716283121664.0/11
 Right Out: 105.949 $\pm$ 0.000 χ^2 /NDF: 1242528444706792757388488213889286144.0/17
 Left In: 130.030 $\pm$ 0.000 χ^2 /NDF: 1968681434700847172167982931920289792.0/10
 All: 122.322 $\pm$ 0.000 χ^2 /NDF: 731548067843
 + sign 125.138 $\pm$ 0.000 χ^2 /NDF: 384444618393612
 - sign 119.582 $\pm$ 0.000 χ^2 /NDF: 344594774773505

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

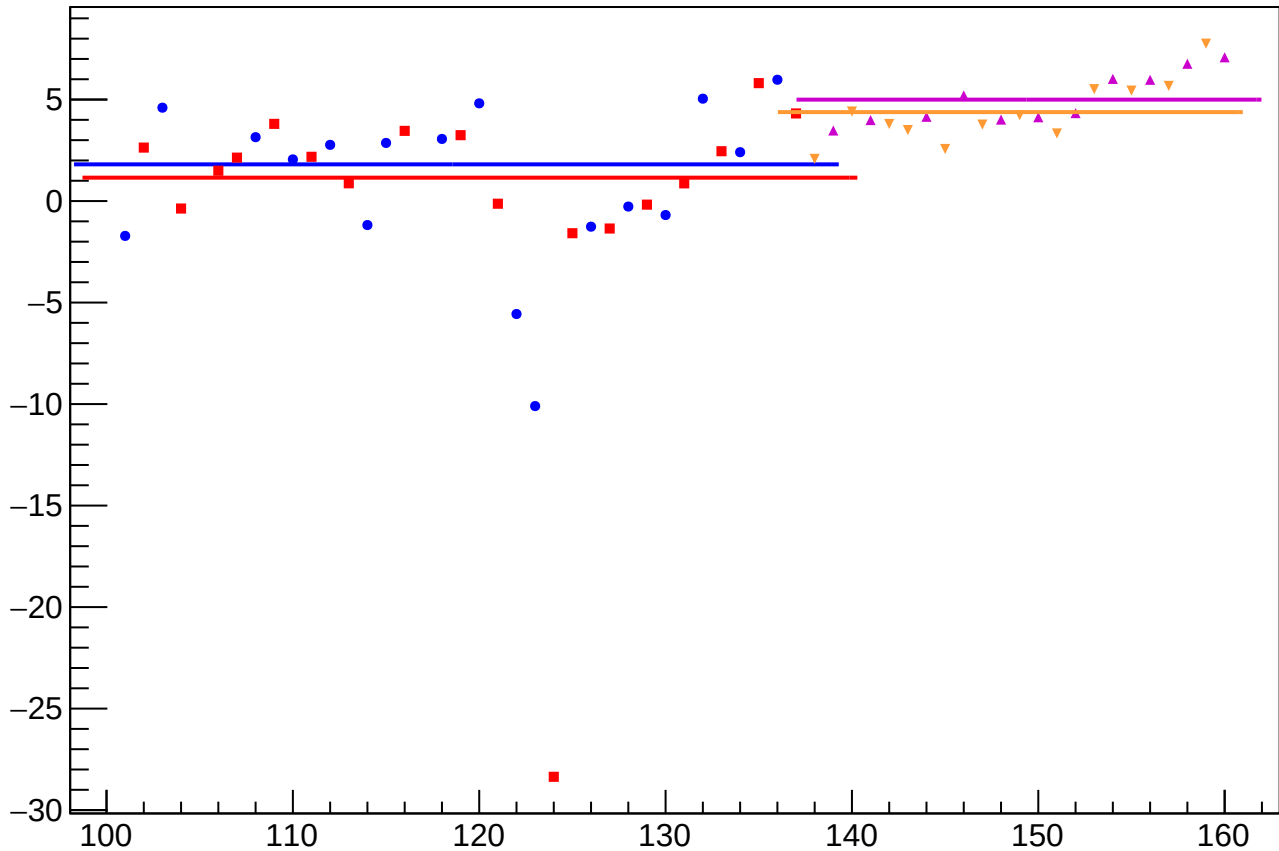
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

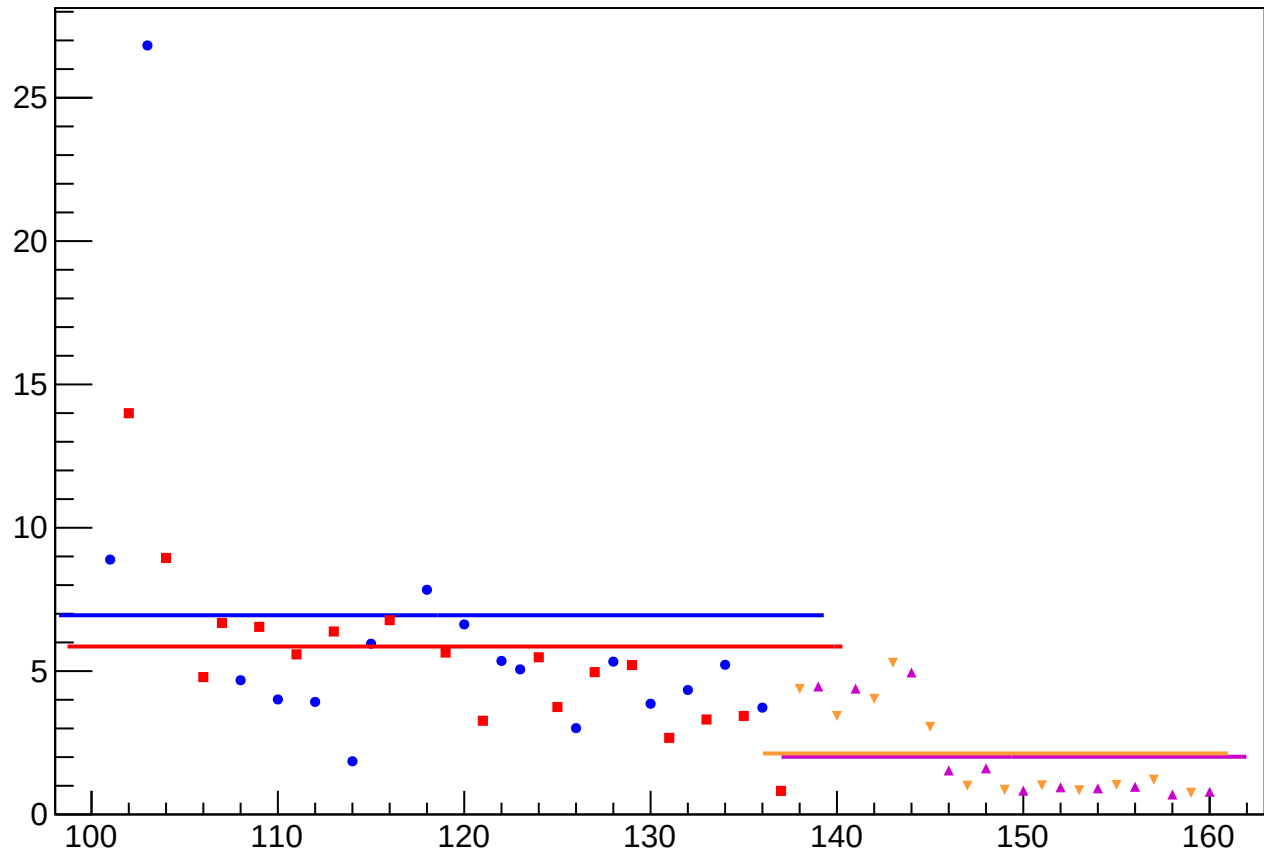
dit_4aX_coil6_mean vs Slug



Right In: 1.808+/-0.000	χ^2/NDF : 7527409924358699638476786257362944.0/16
Left Out: 4.381+/-0.000	χ^2/NDF : 20864436713115253252222433361920.0/11
Right Out: 1.152+/-0.000	χ^2/NDF : 15220659080427743810069153064157184.0/17
Left In: 4.995+/-0.000	χ^2/NDF : 1311384685098121552827321556140032.0/10

+ sign 3.267+/-0.000 χ^2/NDF : 12219213675527830
 All: 3.298+/-0.000 χ^2/NDF : 3473162635414
 - sign 3.328+/-0.000 χ^2/NDF : 22509376650235287

dit_4aX_coil6_err_mean vs Slug



Right In: 6.948 $\pm$ 0.000 χ^2 /NDF: 27500472377838631302114625925939200.0/16

Left Out: 2.128 $\pm$ 0.000 χ^2 /NDF: 2219193645273984606349154335064064.0/11

Right Out: 5.858 $\pm$ 0.000 χ^2 /NDF: 6347530911749266996807271930920960.0/17

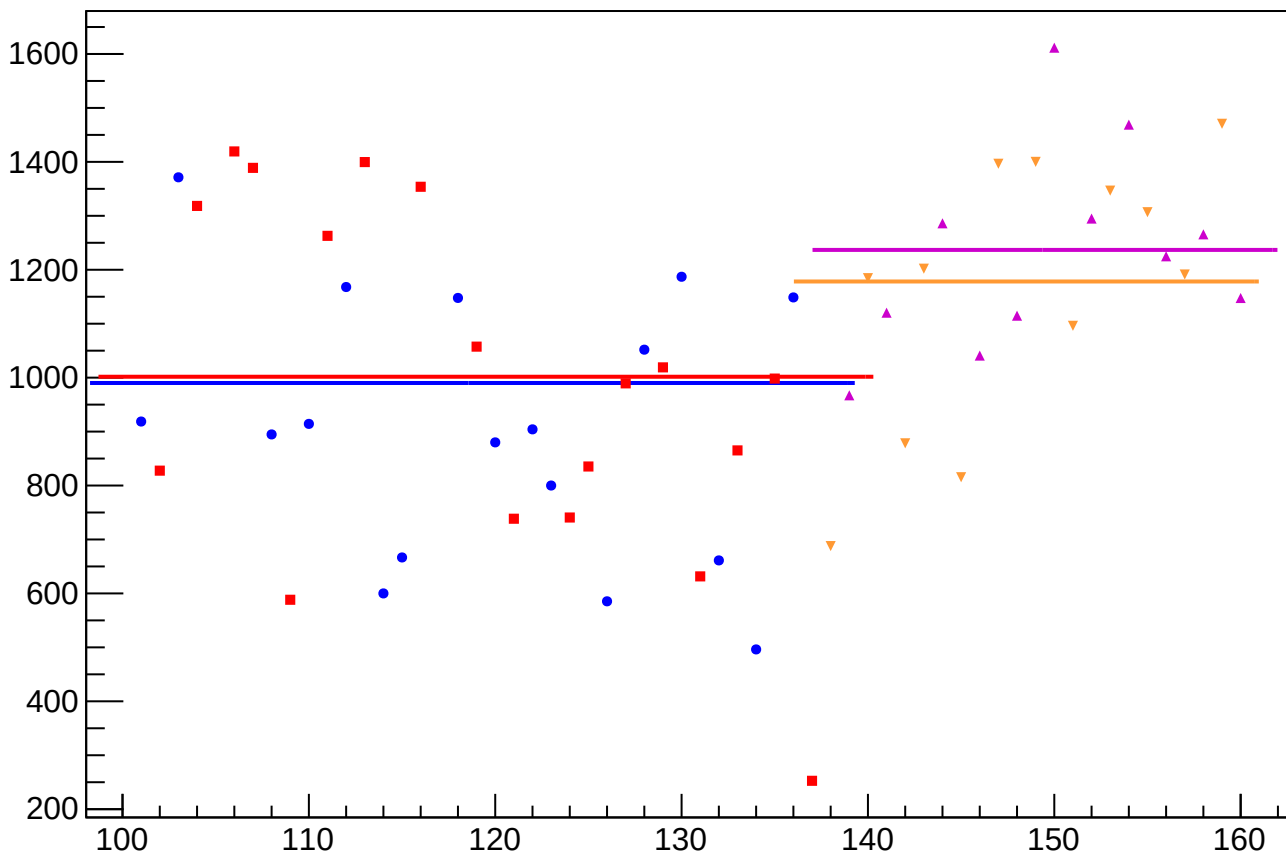
Left In: 2.012 $\pm$ 0.000 χ^2 /NDF: 2455587486650389464574895818014720.0/10

+ sign 4.215 $\pm$ 0.000 χ^2 /NDF: 38864332153290414

All: 3.944 $\pm$ 0.000 χ^2 /NDF: 53886447935405

- sign 3.681 $\pm$ 0.000 χ^2 /NDF: 14790472996884092

dit_4aX_coil6_Ndata_mean vs Slug



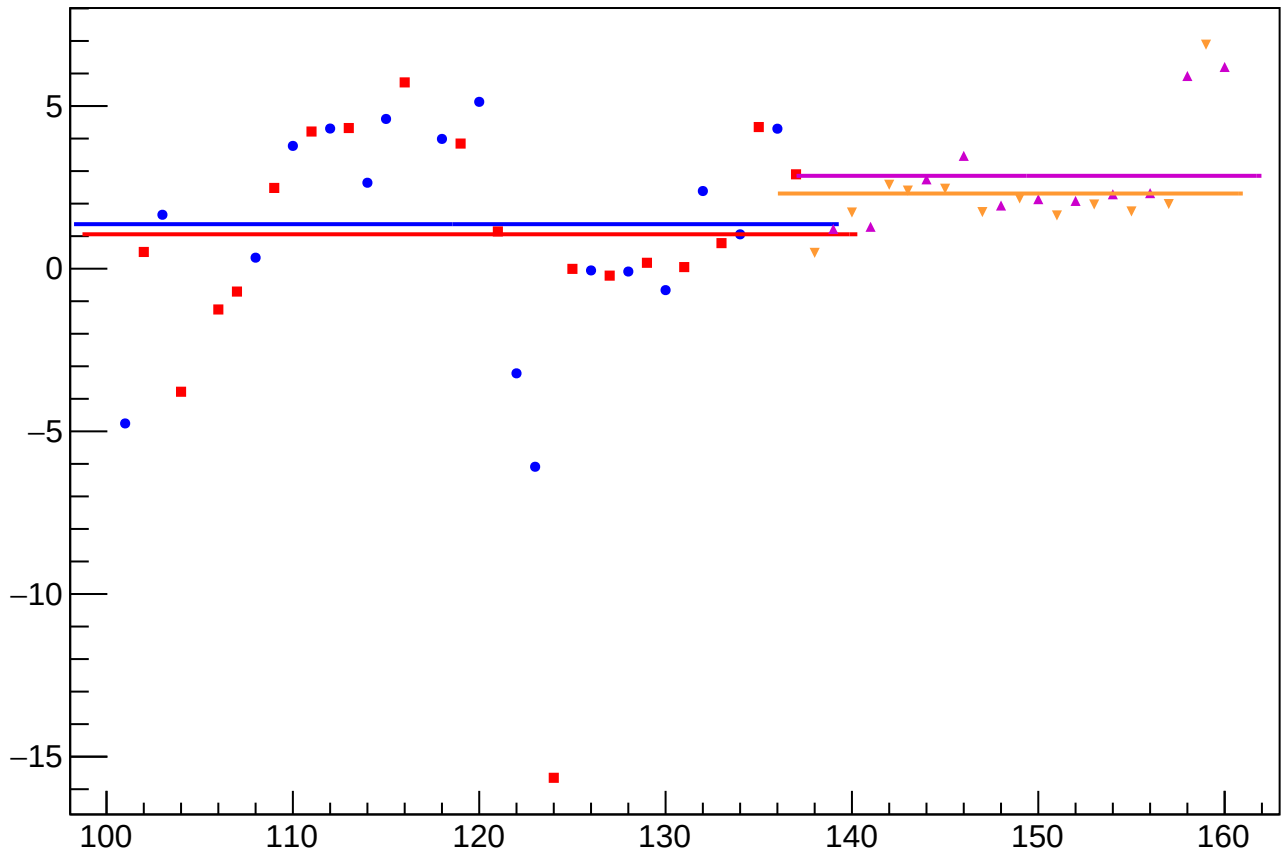
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

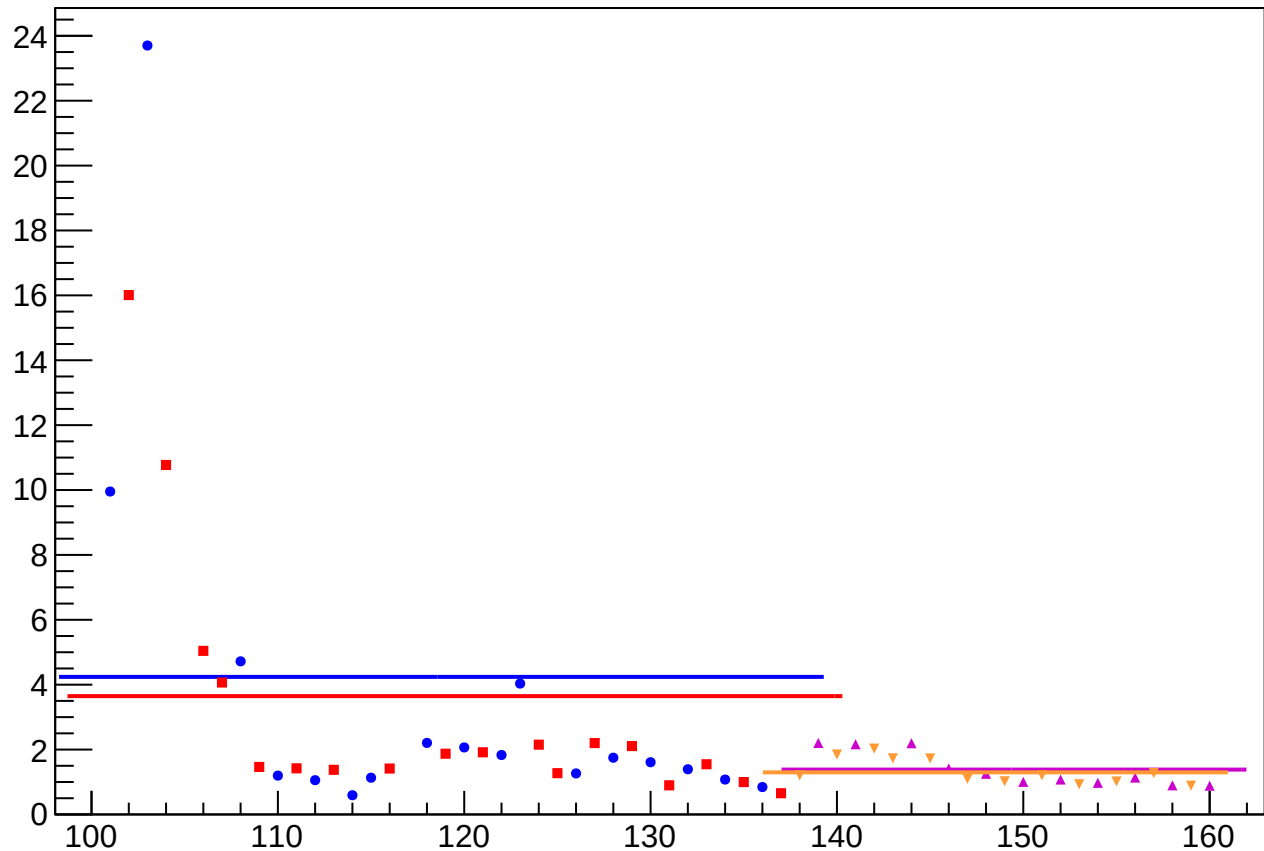
dit_4eX_coil6_mean vs Slug



Right In: 1.369 ± 0.000	χ^2/NDF : 6191636339009546001582067680280576.0/16
Left Out: 2.311 ± 0.000	χ^2/NDF : 2071801880392961895564472831967232.0/11
Right Out: 1.058 ± 0.000	χ^2/NDF : 8169457084716591134016374239657984.0/17
Left In: 2.855 ± 0.000	χ^2/NDF : 2369235409930855719380632706482176.0/10

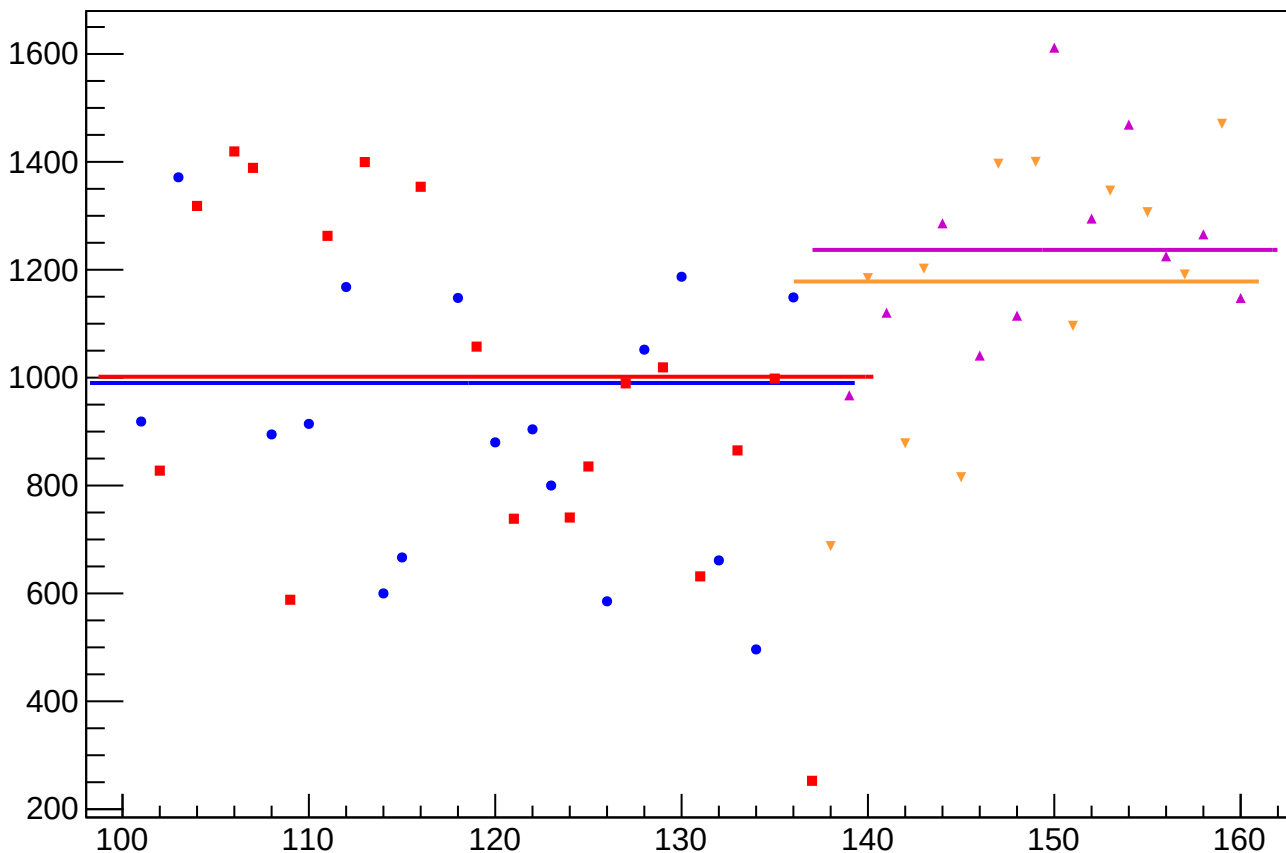
$+ \text{sign } 1.903 \pm 0.000 \quad \chi^2/\text{NDF}: 86127083218748771$
 $\text{All: } 1.990 \pm 0.000 \quad \chi^2/\text{NDF}: 20482924206174$
 $- \text{sign } 2.075 \pm 0.000 \quad \chi^2/\text{NDF}: 11846065115872155$

dit_4eX_coil6_err_mean vs Slug



Right In: 4.241 $\pm$ 0.000 χ^2 /NDF: 28619887598660619239245868781535232.0/16
 Left Out: 1.298 $\pm$ 0.000 χ^2 /NDF: 118446025514580512304684144263168.0/11
 Right Out: 3.647 $\pm$ 0.000 χ^2 /NDF: 14024721044013316870032890924105728.0/17
 Left In: 1.383 $\pm$ 0.000 χ^2 /NDF: 247273414234626472508051064619008.0/10

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

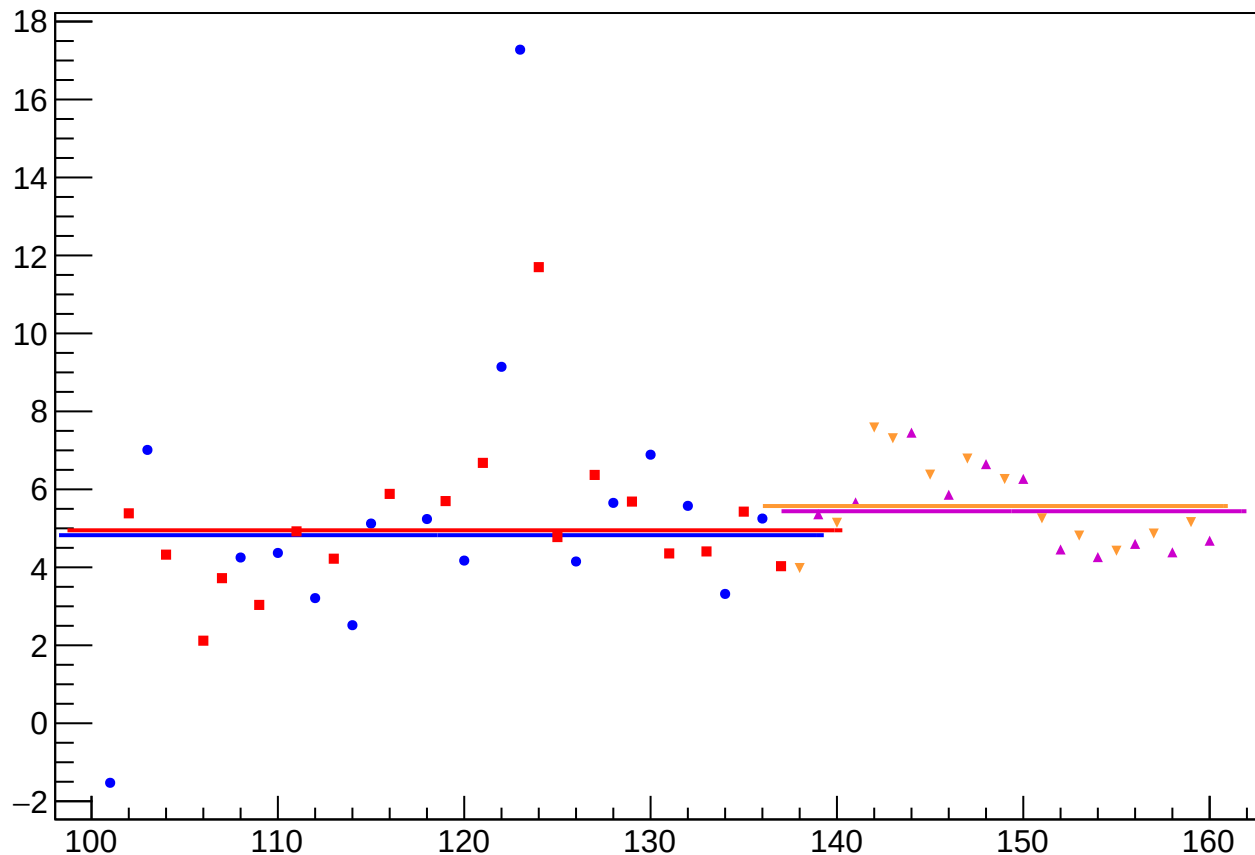
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

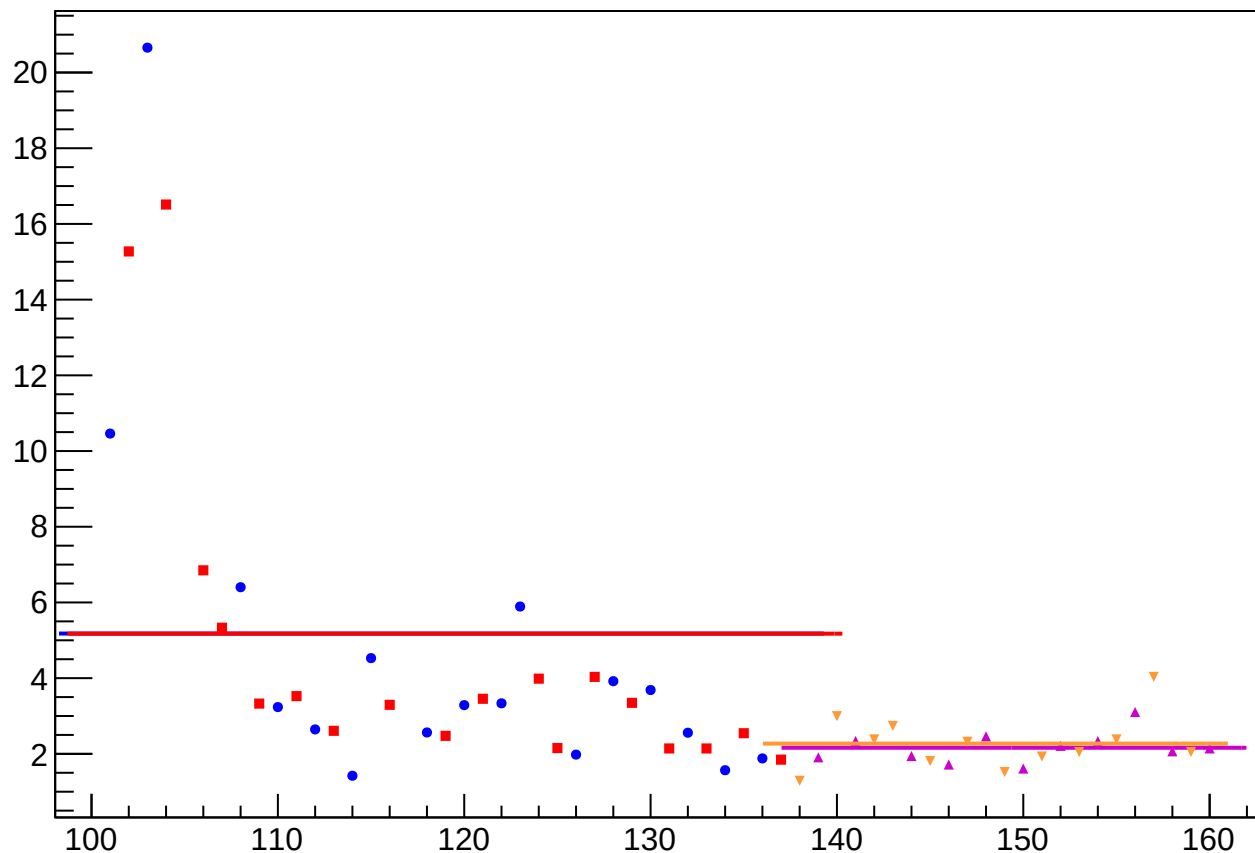
- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_11X12X_coil6_mean vs Slug



Right In: 4.824+/-0.000 χ^2/NDF : 4654072520475619864481183580553216.0/16
 Left Out: 5.572+/-0.000 χ^2/NDF : 1020095199313484832120025296928768.0/11
 Right Out: 4.950+/-0.000 χ^2/NDF : 1515007904318518564448163120283648.0/17
 Left In: 5.439+/-0.000 χ^2/NDF : 966975123743589213264905804709888.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.179+/-0.000 χ^2/NDF : 19215970923479019199836696755568640.0/16

Left Out: 2.271+/-0.000 χ^2/NDF : 445973362143922999565724801826816.0/11

Right Out: 5.175+/-0.000 χ^2/NDF : 15553868406688086696237036103270400.0/17

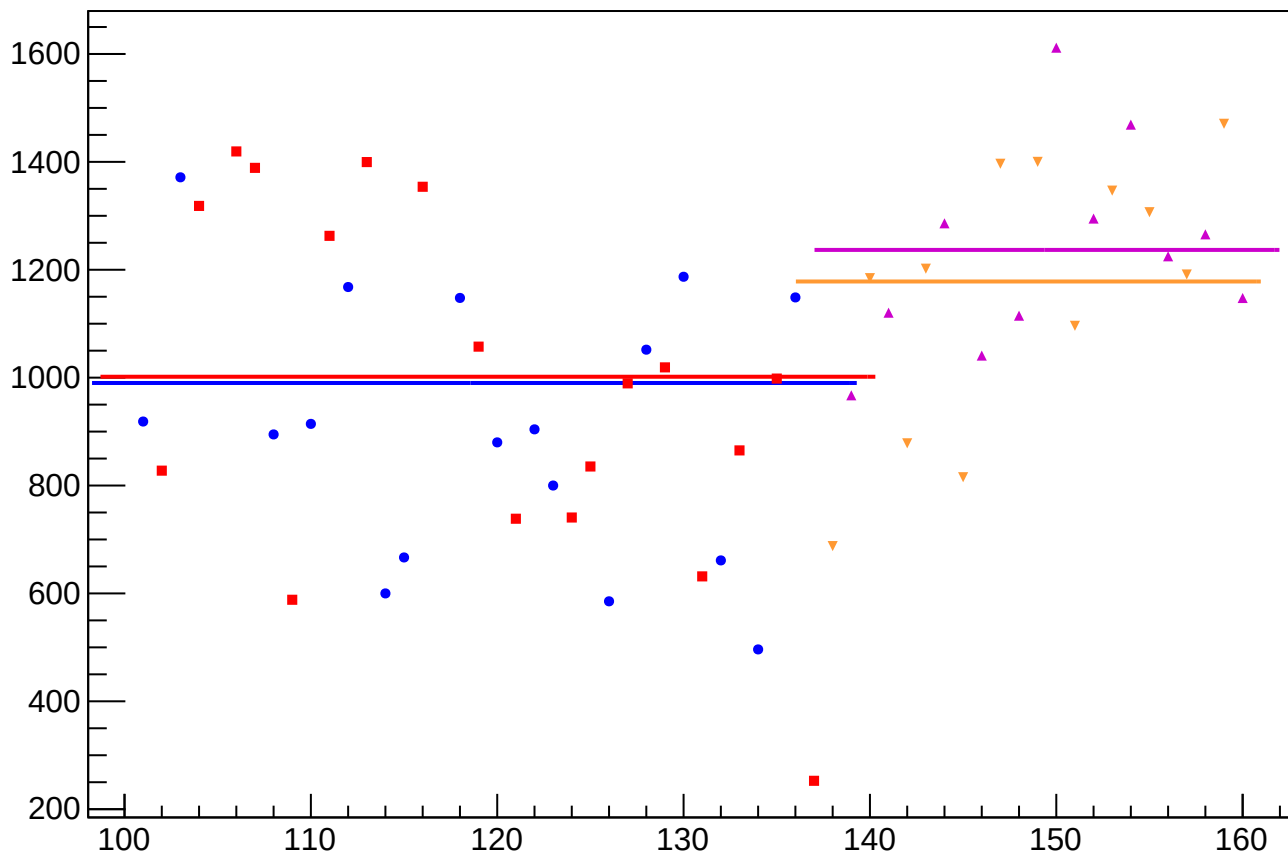
Left In: 2.161+/-0.000 χ^2/NDF : 138371088754302765080927377817600.0/10

+ sign 3.530+/-0.000 χ^2/NDF : 22988186376694934

All: 3.499+/-0.000 χ^2/NDF : 42359700854204

- sign 3.469+/-0.000 χ^2/NDF : 19368484032276007

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

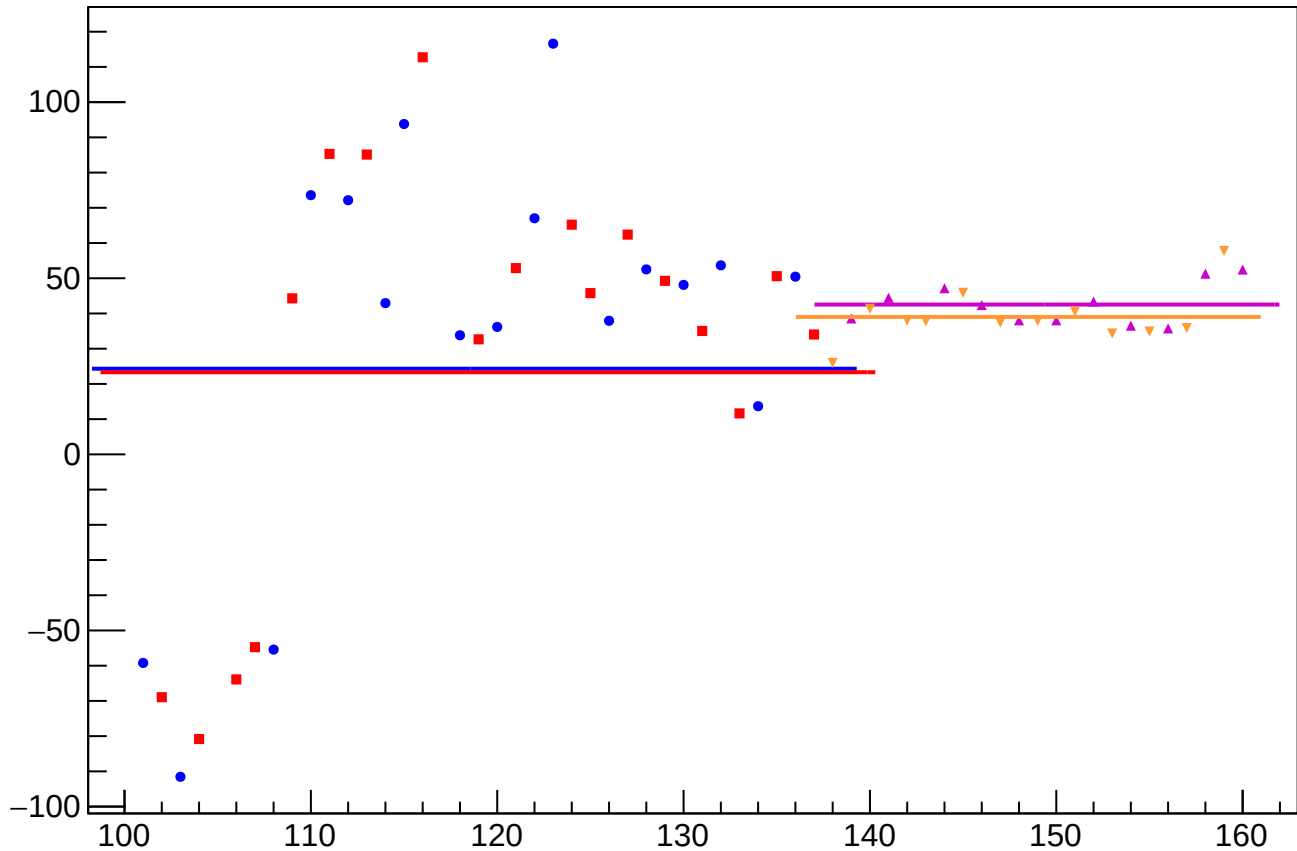
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_4aY_coil6_mean vs Slug



Right In: 24.318+/-0.000 χ^2/NDF : 2002814634195538334157710520710332416.0/16

Left Out: 39.019+/-0.000 χ^2/NDF : 50102899546886796047994324336508928.0/11

Right Out: 23.323+/-0.000 χ^2/NDF : 2300287491781415748029178925971144704.0/17

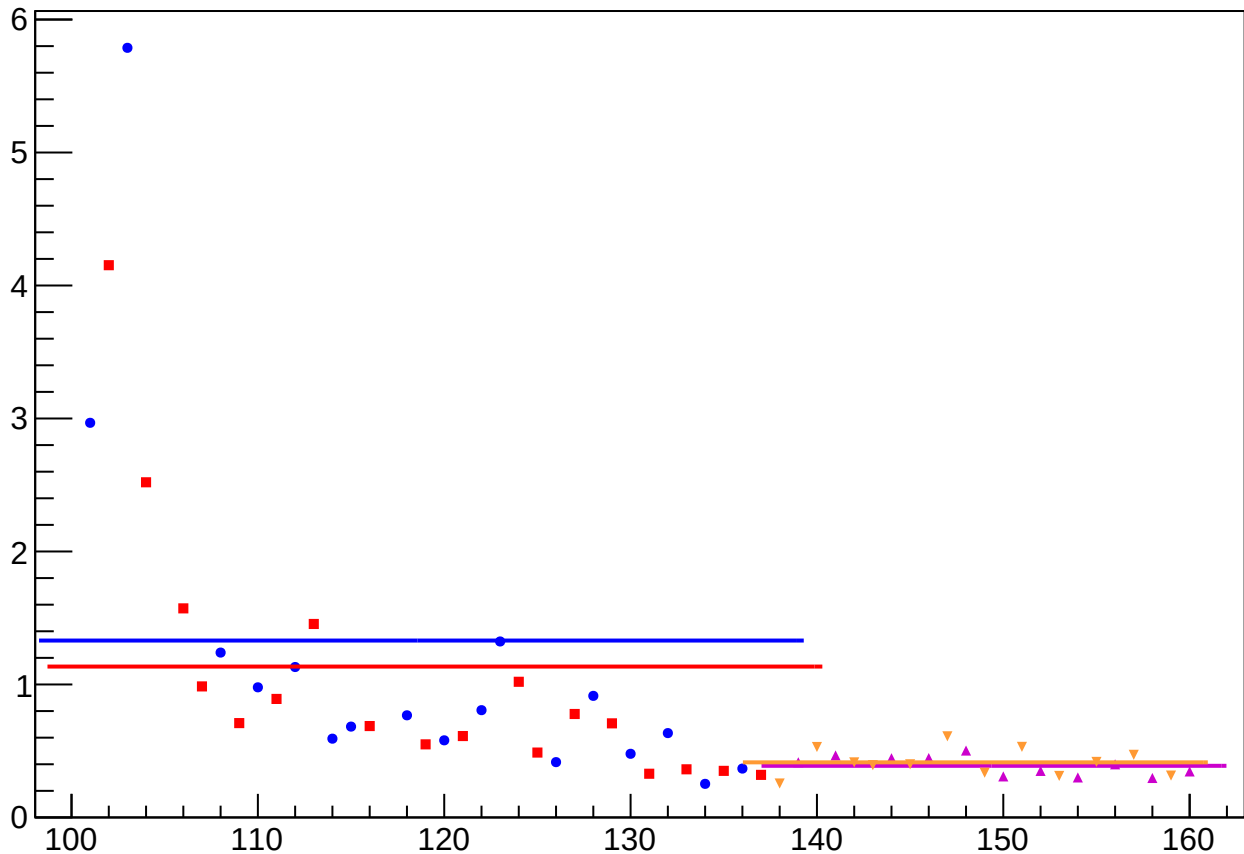
Left In: 42.534+/-0.000 χ^2/NDF : 28373028064789967113556541703192576.0/10

+ sign 32.655+/-0.000 χ^2/NDF : 2137967707580672

All: 33.438+/-0.000 χ^2/NDF : 4617966281278

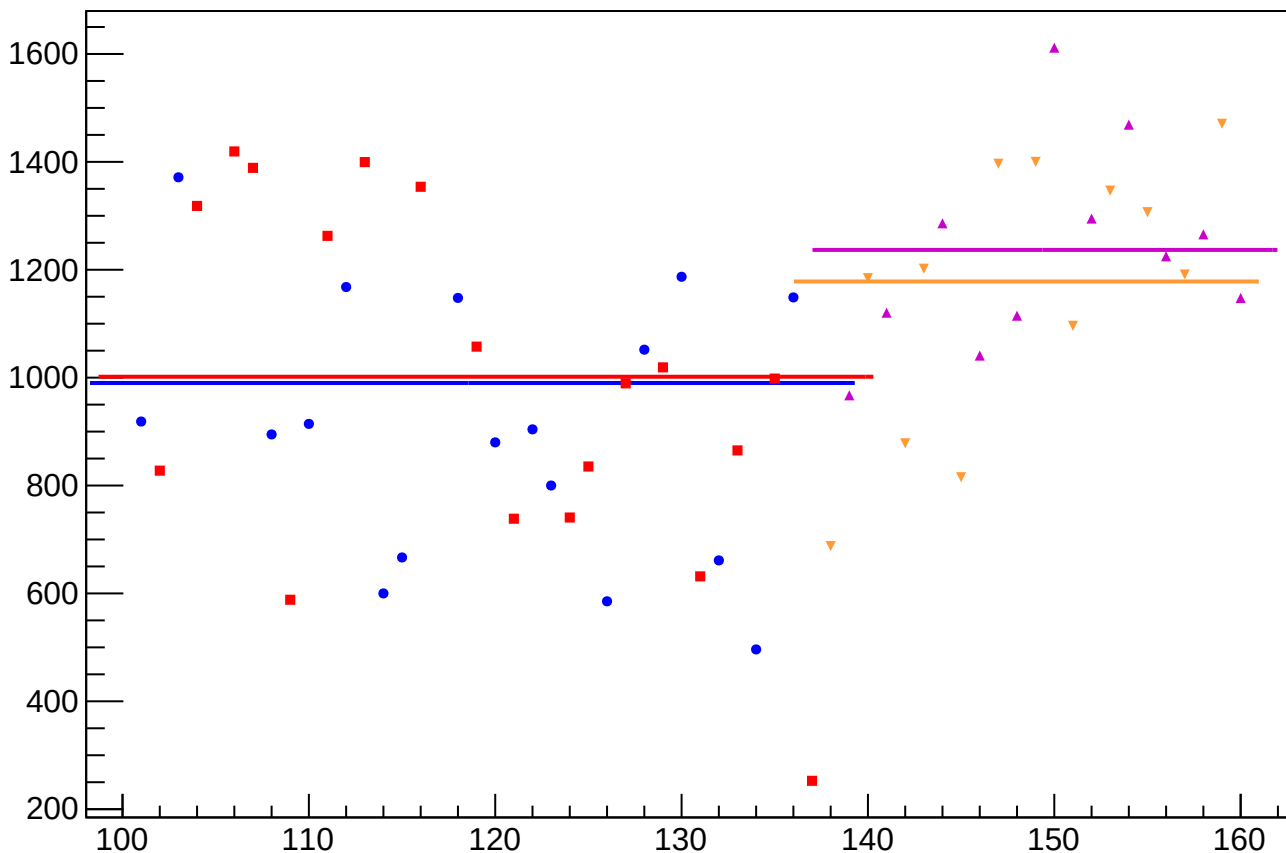
- sign 34.199+/-0.000 χ^2/NDF : 2478060660645890

dit_4aY_coil6_err_mean vs Slug



Right In: 1.330+/-0.000	χ^2/NDF : 1603106167275520107151234942631936.0/16	+ sign 0.811+/-0.000	χ^2/NDF : 19427863684681372
Left Out: 0.414+/-0.000	χ^2/NDF : 9567880309690591091908795170816.0/11	All: 0.761+/-0.000	χ^2/NDF : 29837870387158
Right Out: 1.135+/-0.000	χ^2/NDF : 803137408294494563054397652205568.0/17	- sign 0.712+/-0.000	χ^2/NDF : 10330720587516045
Left In: 0.388+/-0.000	χ^2/NDF : 4478292013674144747987763462144.0/10		

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

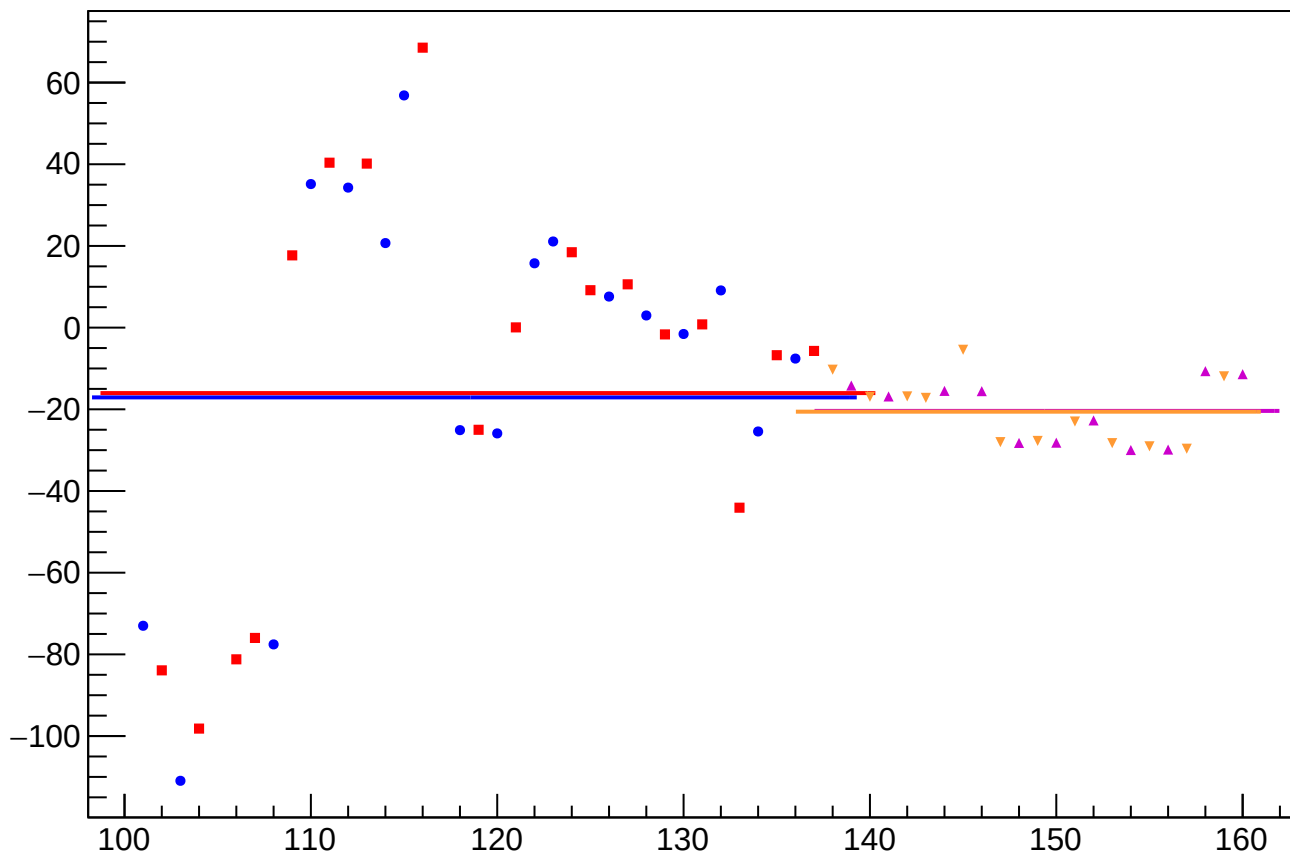
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_4eY_coil6_mean vs Slug



Right In: -17.080+/-0.000

χ^2/NDF : 1305852396524110552444351569704517632.0/16

Left Out: -20.578+/-0.000

+ sign -19.064+/-0.000 χ^2/NDF : 137130924421391

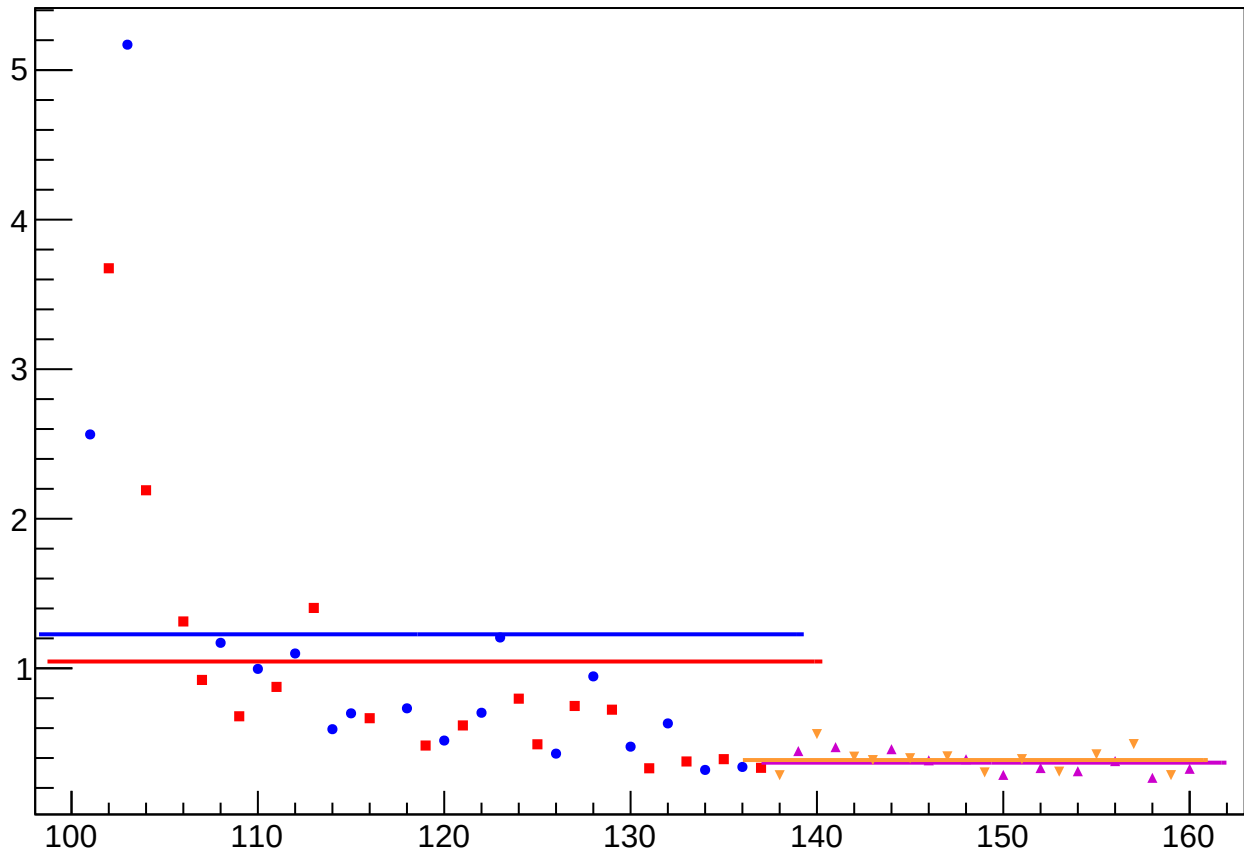
Right Out: -16.026+/-0.000

All: -18.777+/-0.000 χ^2/NDF : 297248161358

Left In: -20.391+/-0.000

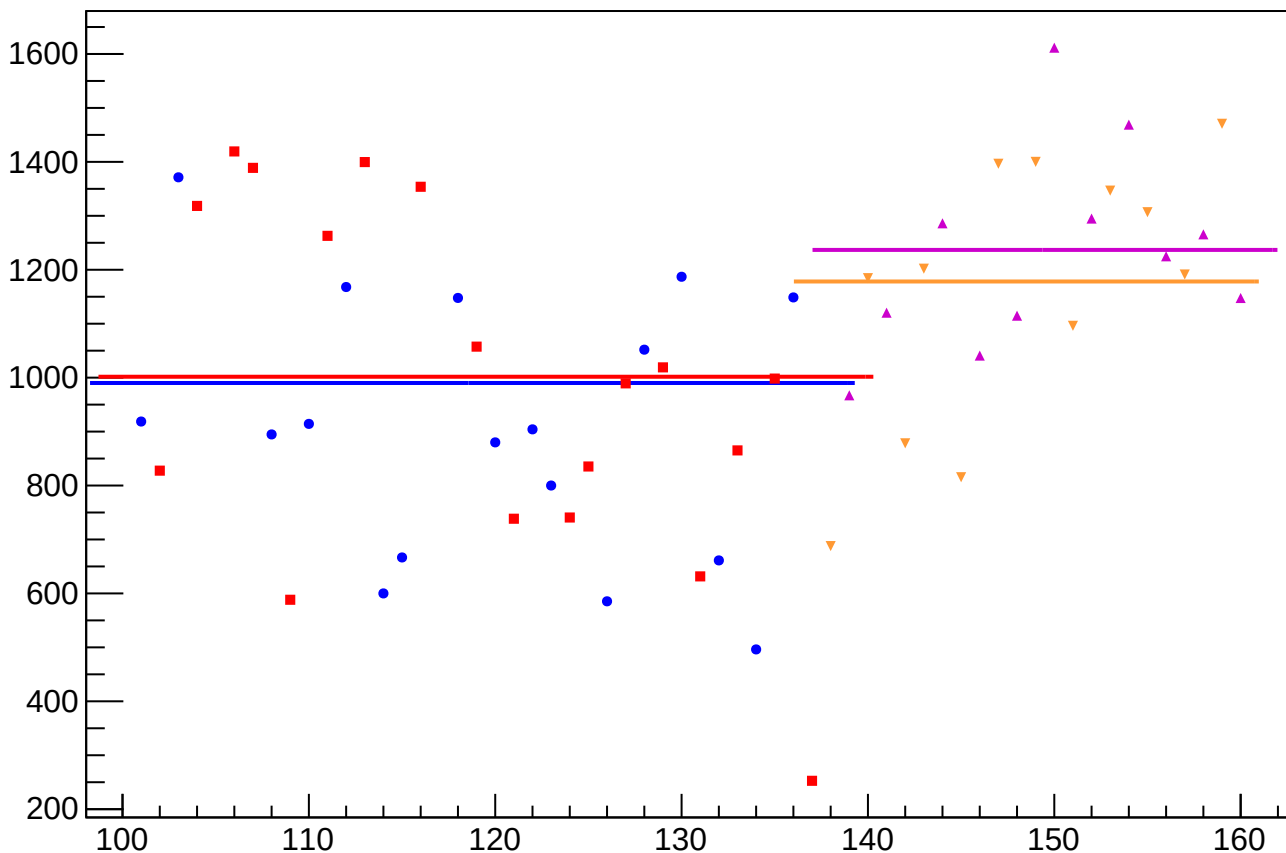
- sign -18.497+/-0.000 χ^2/NDF : 1600911922183748

dit_4eY_coil6_err_mean vs Slug



Right In: 1.227 $\pm$ 0.000	χ^2 /NDF: 1236268785411842731770087408140288.0/16
Left Out: 0.386 $\pm$ 0.000	χ^2 /NDF: 6218656899307774549221745623040.0/11
Right Out: 1.045 $\pm$ 0.000	χ^2 /NDF: 600057841416365938926945245855744.0/17
Left In: 0.369 $\pm$ 0.000	χ^2 /NDF: 4180194840459374093507993010176.0/10
+ sign 0.750 $\pm$ 0.000 χ^2 /NDF: 15206869652247083	
All: 0.706 $\pm$ 0.000 χ^2 /NDF: 23164479999377	
- sign 0.662 $\pm$ 0.000 χ^2 /NDF: 78945868116819838	

dit_4eY_coil6_Ndata_mean vs Slug



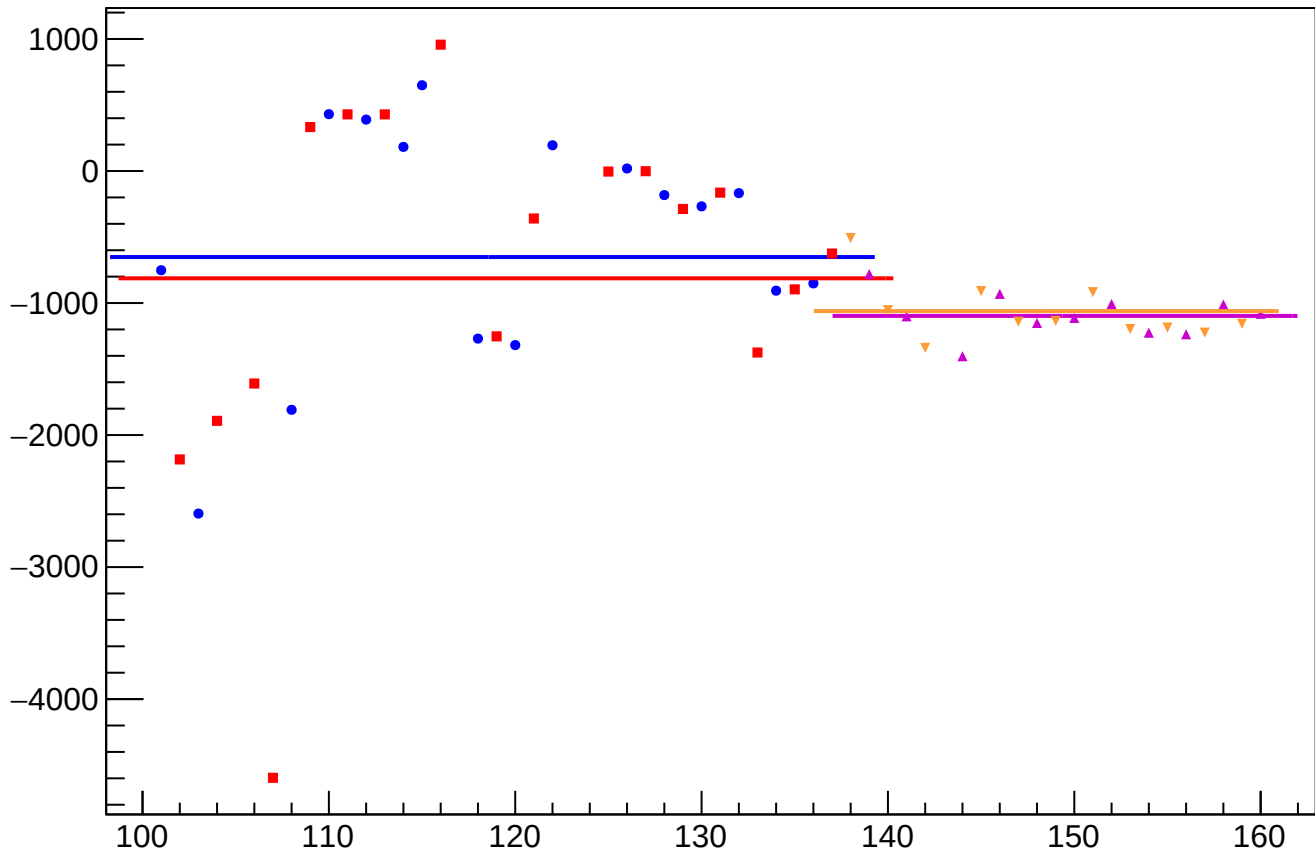
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

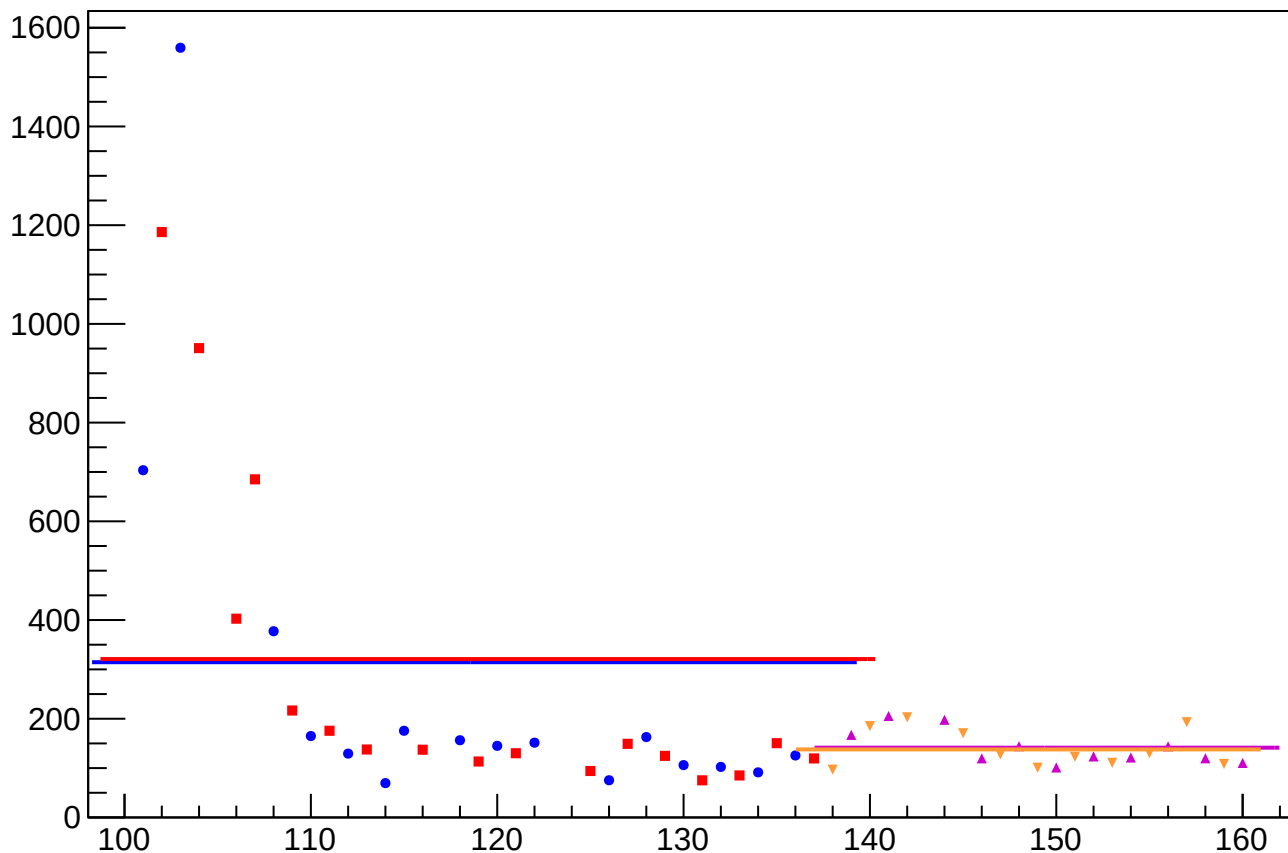
dit_usl_coil6_mean vs Slug



Right In: -651.720+/-0.000	χ^2/NDF : 515253429514141170908240824492993019904.0/15
Left Out: -1060.938+/-0.000	χ^2/NDF : 37316934369897173476470226506953523200.0/10
Right Out: -812.763+/-0.000	χ^2/NDF : 1101460876390641458322598423370785619968.0/16
Left In: -1097.494+/-0.000	χ^2/NDF : 23351400853511431173682229401488457728.0/10

+ sign -876.630+/-0.000 χ^2/NDF : 61607579829716
 All: -927.576+/-0.000 χ^2/NDF : 17810428364
 - sign -975.342+/-0.000 χ^2/NDF : 11572625882504

dit_usl_coil6_err_mean vs Slug



Right In: 314.545+/-0.000 χ^2/NDF : 119237374869722274381627978354572394496.0/15

Left Out: 137.826+/-0.000 χ^2/NDF : 1094456190127485878958561813734621184.0/10

Right Out: 320.904+/-0.000 χ^2/NDF : 87674109079535670450798871539758399488.0/16

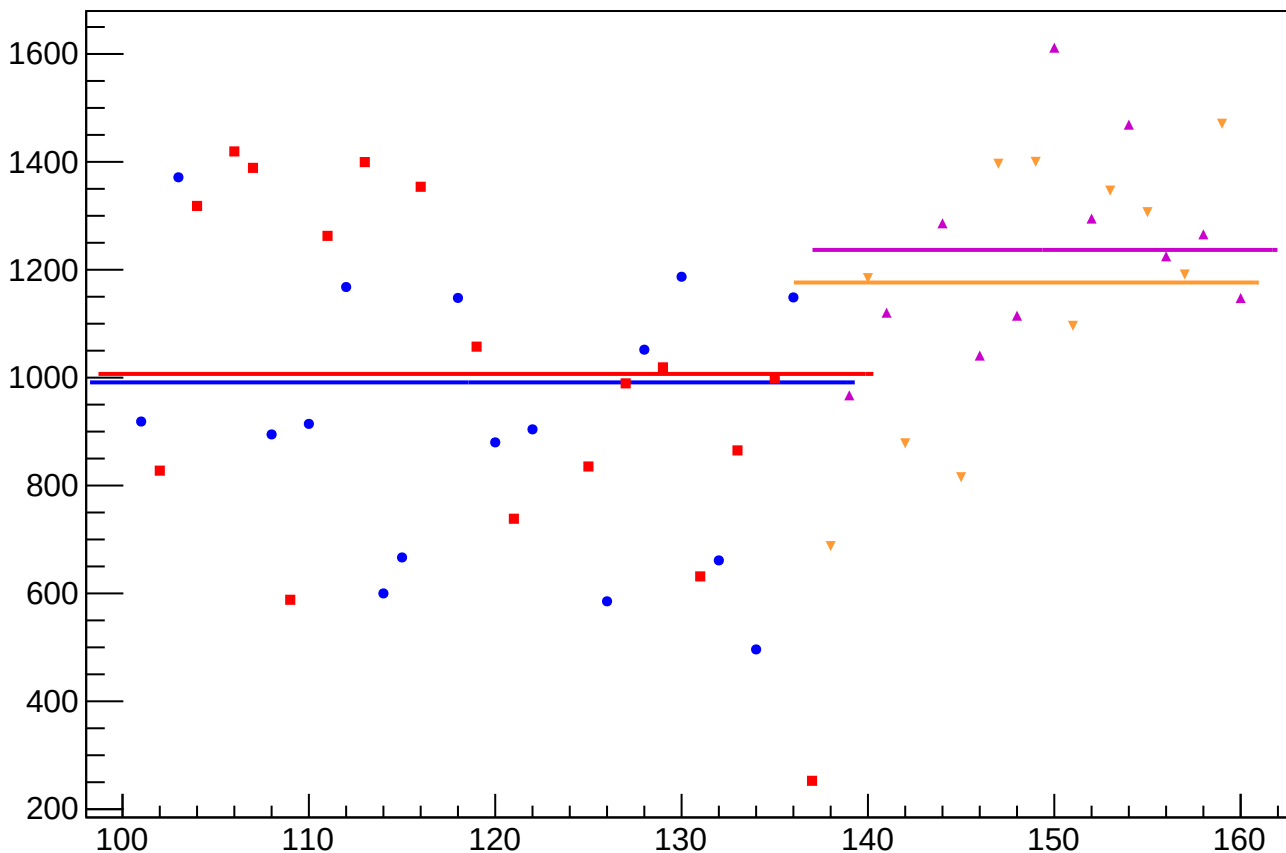
Left In: 141.362+/-0.000 χ^2/NDF : 1055012585821780249716984846873526272.0/10

+ sign 217.419+/-0.000 χ^2/NDF : 132174973205164

All: 217.918+/-0.000 χ^2/NDF : 23380755384

- sign 218.387+/-0.000 χ^2/NDF : 101631839528930

dit_usl_coil6_Ndata_mean vs Slug



Right In: 991.206+/-0.000 χ^2/NDF : 36748853080147814133782972147039207424.0/15

+ sign 1092.971+/-0.000 χ^2/NDF : 10187725269489

Left Out: 1176.365+/-0.000 χ^2/NDF : 52126967778678264824660469189129011200.0/10

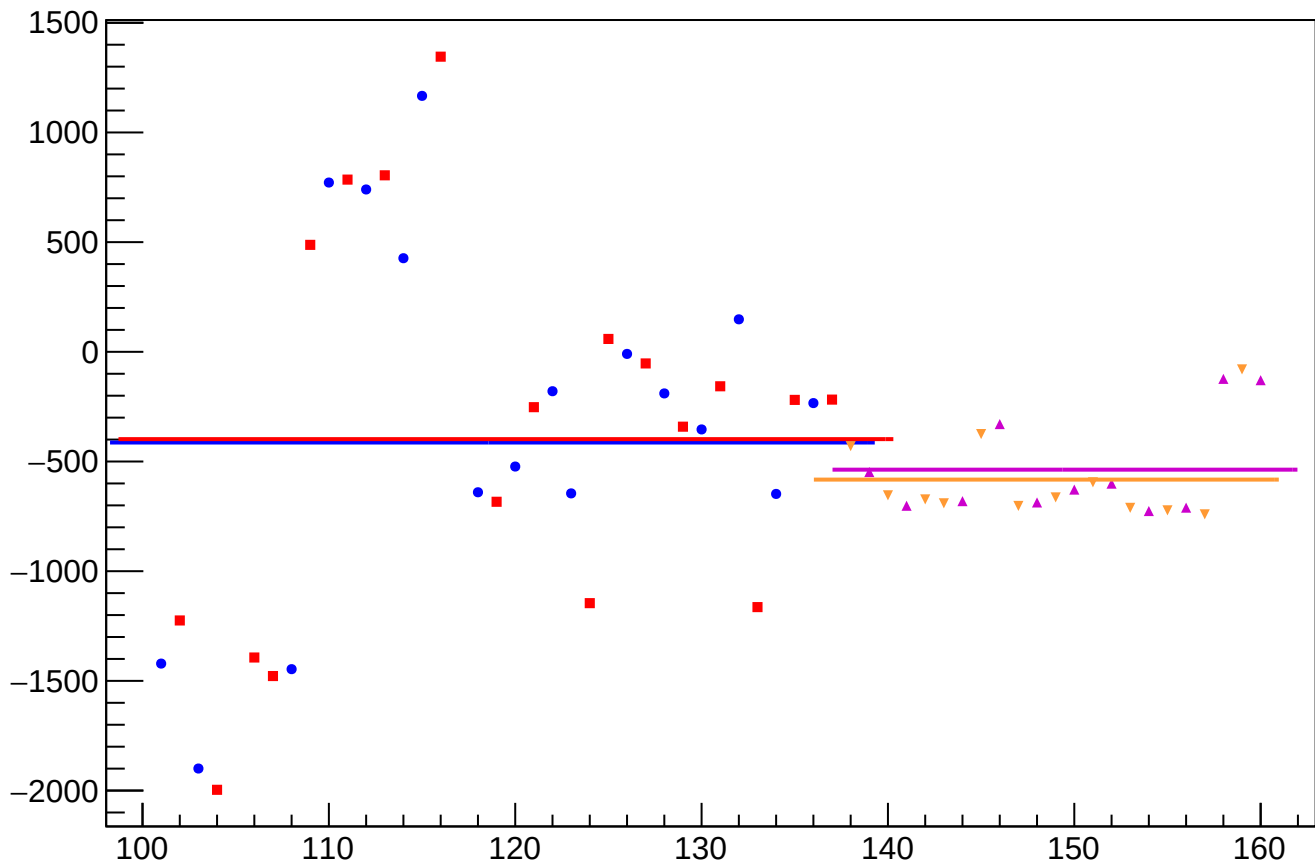
All: 1116.296+/-0.000 χ^2/NDF : 21533427694

Right Out: 1006.896+/-0.000 χ^2/NDF : 60379057385364851969891575322776698880.0/16

- sign 1138.165+/-0.000 χ^2/NDF : 11184206536219

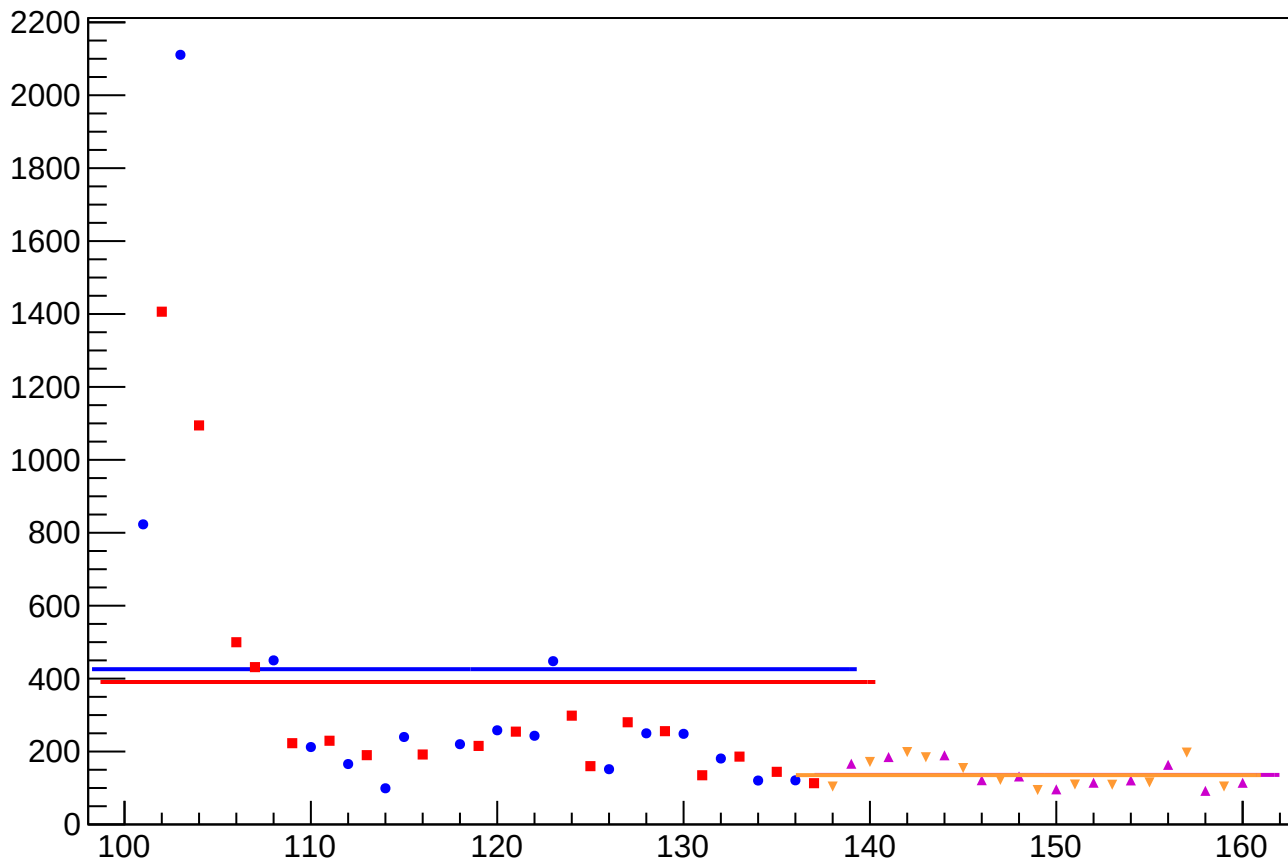
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_usr_coil6_mean vs Slug



Right In: -413.418 ± 0.000 $\chi^2/\text{NDF}: 416661262936725907024907175037323182080.0/16$
 Left Out: -582.459 ± 0.000 $\chi^2/\text{NDF}: 33467960128357815096221409884680224768.0/11$
 Right Out: -397.961 ± 0.000 $\chi^2/\text{NDF}: 544622124437292502497528454351499034624.0/17$
 Left In: -537.163 ± 0.000 $\chi^2/\text{NDF}: 43957458836517899124048676659035897856.0/10$

dit_usr_coil6_err_mean vs Slug



Right In: 425.847+/-0.000 χ^2/NDF : 207036344088227618256858466697210757120.0/16

Left Out: 135.302+/-0.000 χ^2/NDF : 1213972117724638790045949459626459136.0/11

Right Out: 390.709+/-0.000 χ^2/NDF : 105177402148385851360915440950786916352.0/17

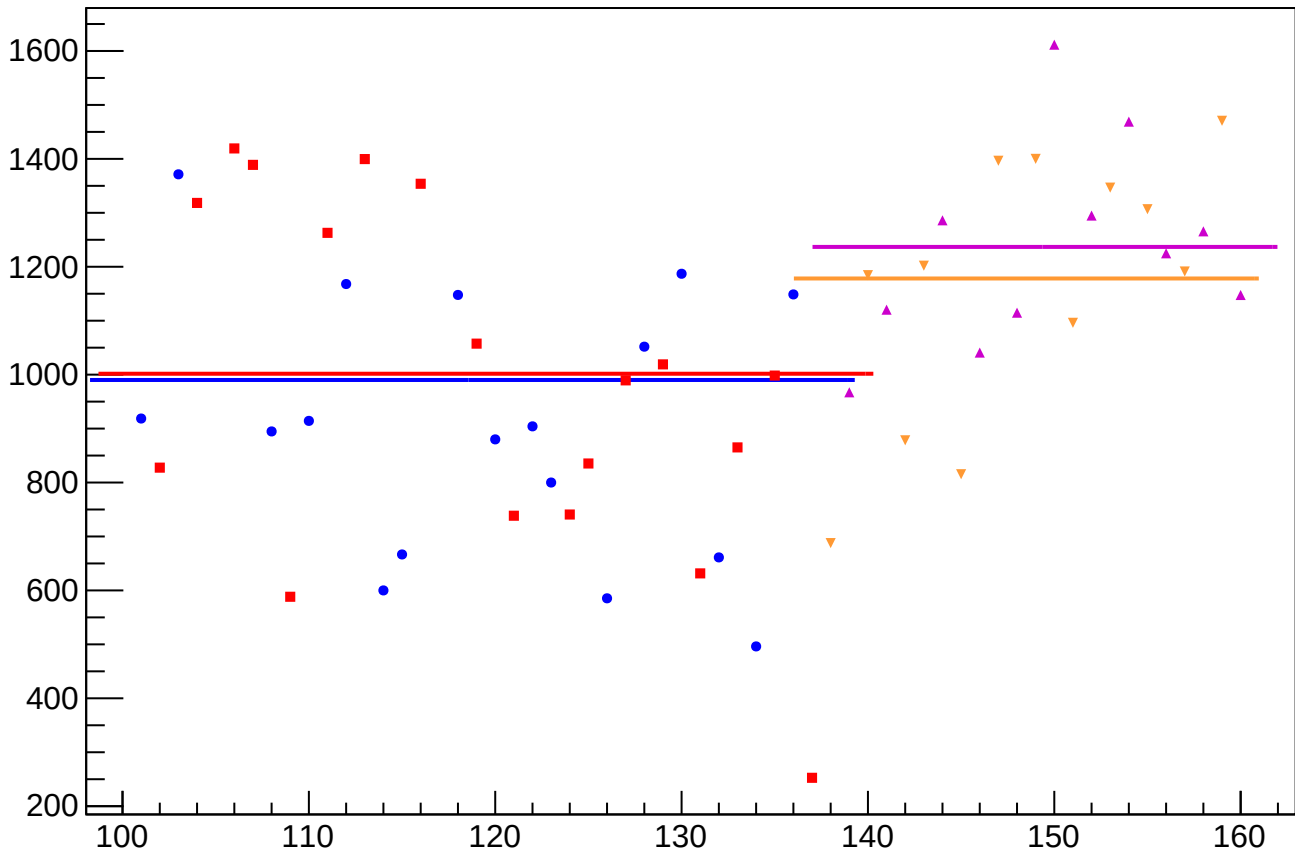
Left In: 135.877+/-0.000 χ^2/NDF : 1013407653524592727671386529217904640.0/10

+ sign 261.090+/-0.000 χ^2/NDF : 241471538230727

All: 253.663+/-0.000 χ^2/NDF : 374123627315

- sign 246.438+/-0.000 χ^2/NDF : 132477635867961

dit_usr_coil6_Ndata_mean vs Slug



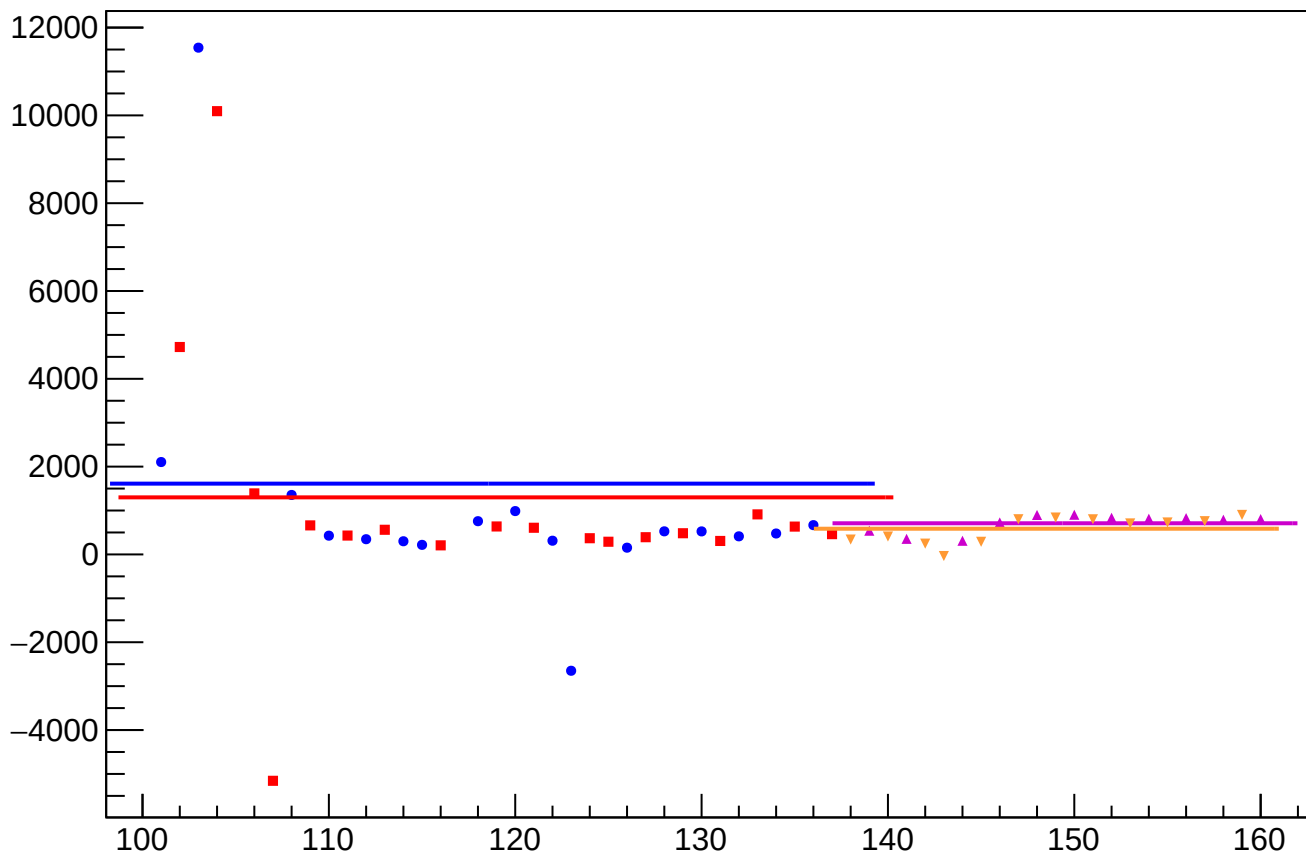
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11
 + sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896
 Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

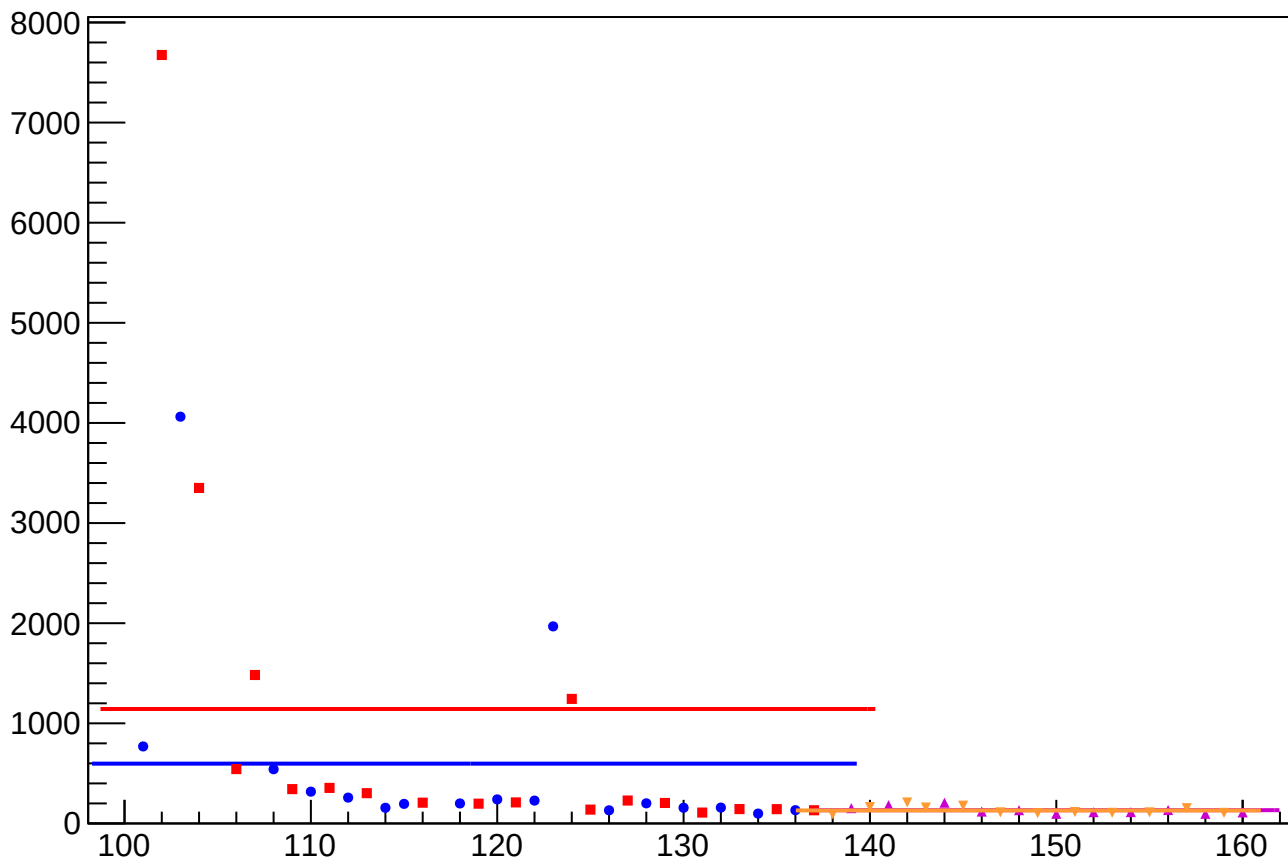
- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125
 Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl1_coil6_mean vs Slug



Right In: 1612.346 $\pm$ 0.000 χ^2 /NDF: 6578565632222822389389916952029424517120.0/16
 Left Out: 585.355 $\pm$ 0.000 χ^2 /NDF: 71064130905944539858639816600462557184.0/11
 Right Out: 1299.611 $\pm$ 0.000 χ^2 /NDF: 6468181068576271058681439598083982753792.0/17
 Left In: 709.552 $\pm$ 0.000 χ^2 /NDF: 38324887242823833367835539132322414592.0/10

dit_atl1_coil6_err_mean vs Slug



Right In: 597.382+/-0.000 χ^2/NDF : 808468639420281882930484113186400239616.0/16

Left Out: 130.051+/-0.000 χ^2/NDF : 1012152339815276325722639516246736896.0/11

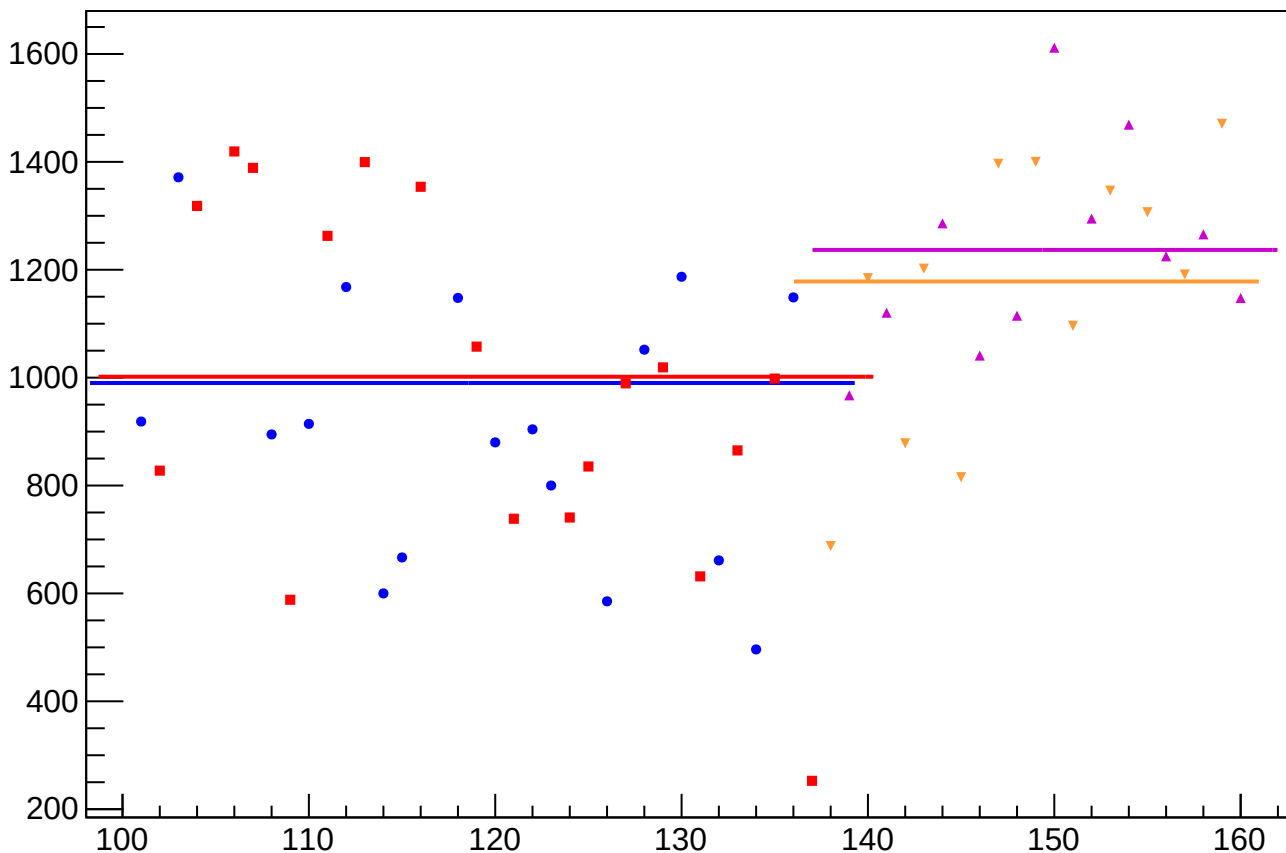
Right Out: 1143.180+/-0.000 χ^2/NDF : 3192644561132334907368616853810301632512.0/17

Left In: 132.683+/-0.000 χ^2/NDF : 1095069941425855295085560512768901120.0/10

All: 453.389+/-0.000 χ^2/NDF : 454881016948

- sign 571.097+/-0.000 χ^2/NDF : 360707299311635

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

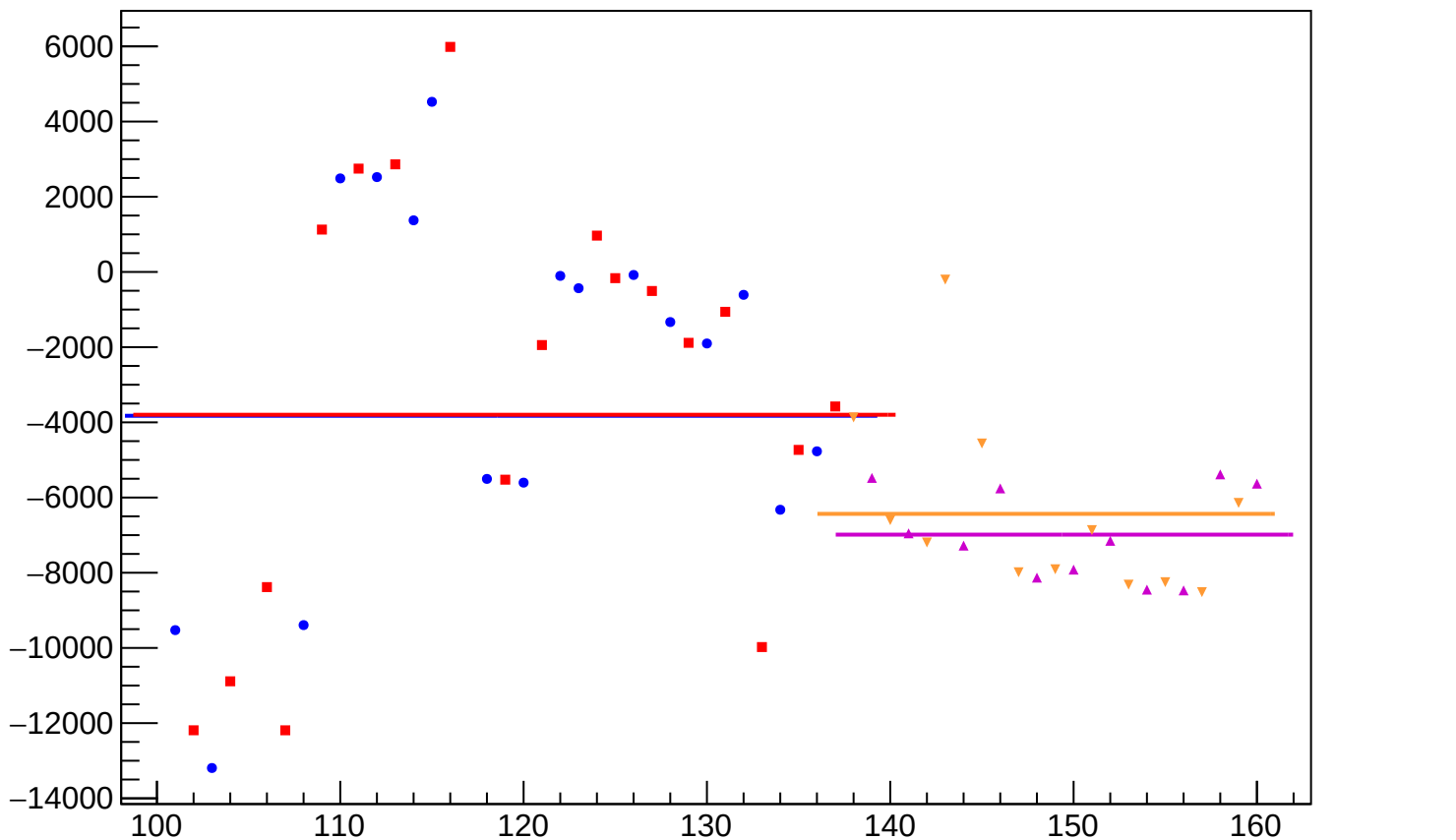
All: 1116.055+/-0.000 χ^2/NDF : 21820107896

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

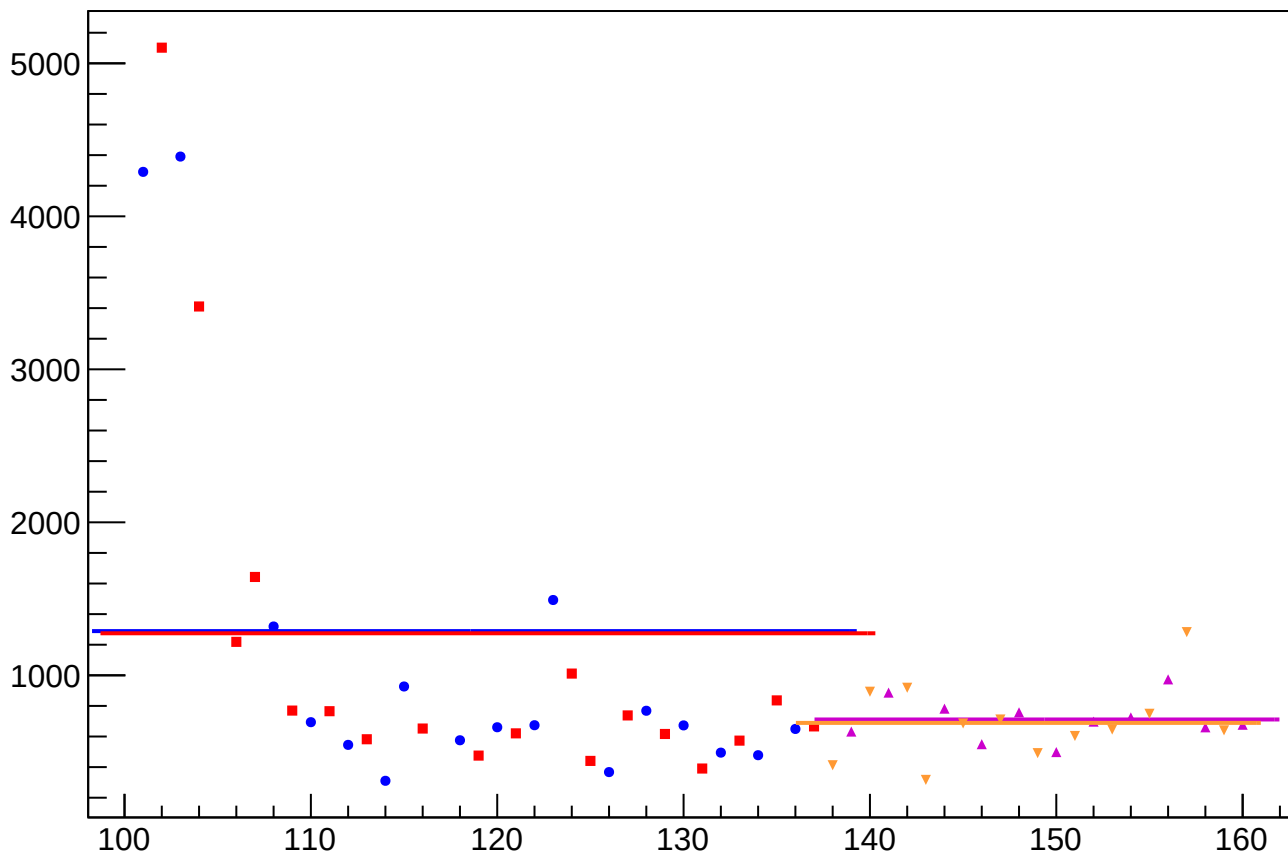
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl2_coil6_mean vs Slug



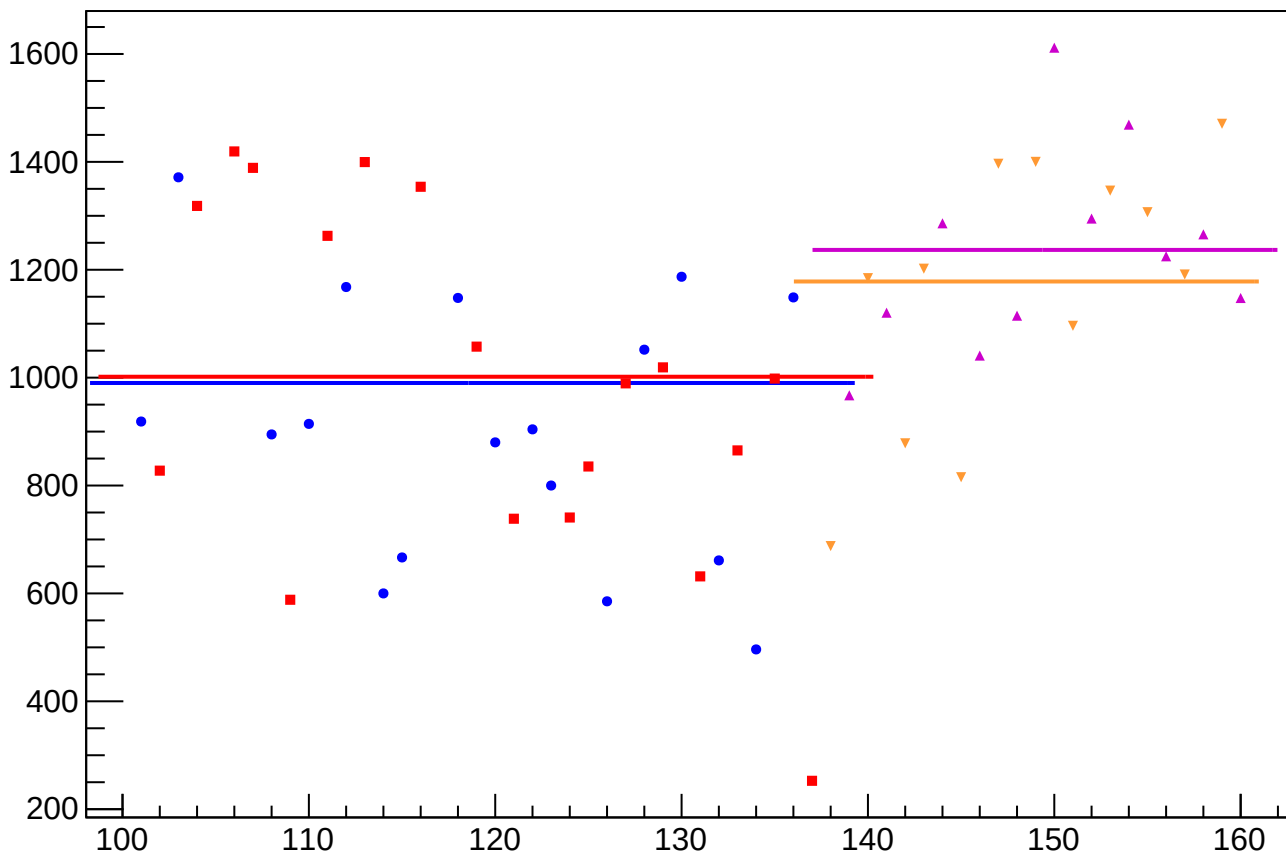
Right In: -3825.392+/-0.000 χ^2/NDF : 15445294605440071214640081166471362772992.0/16
 Left Out: -6434.104+/-0.000 χ^2/NDF : 4694104378818420456134132299517770334208.0/11
 Right Out: -3798.528+/-0.000 χ^2/NDF : 21131316959829635023813459777790997954560.0/17
 Left In: -6986.598+/-0.000 χ^2/NDF : 1235548818628101724226564744951120265216.0/10

dit_atl2_coil6_err_mean vs Slug



Right In: 1288.972+/-0.000 χ^2/NDF : 1352910763882575479104094227028785496064.0/16
 Left Out: 689.077+/-0.000 χ^2/NDF : 51672387047118863079417001056116146176.0/11
 Right Out: 1274.734+/-0.000 χ^2/NDF : 1316265489507064730168544372361657319424.0/17
 Left In: 711.332+/-0.000 χ^2/NDF : 15887933249894385970628581231809265664.0/10

dit_atl2_coil6_Ndata_mean vs Slug



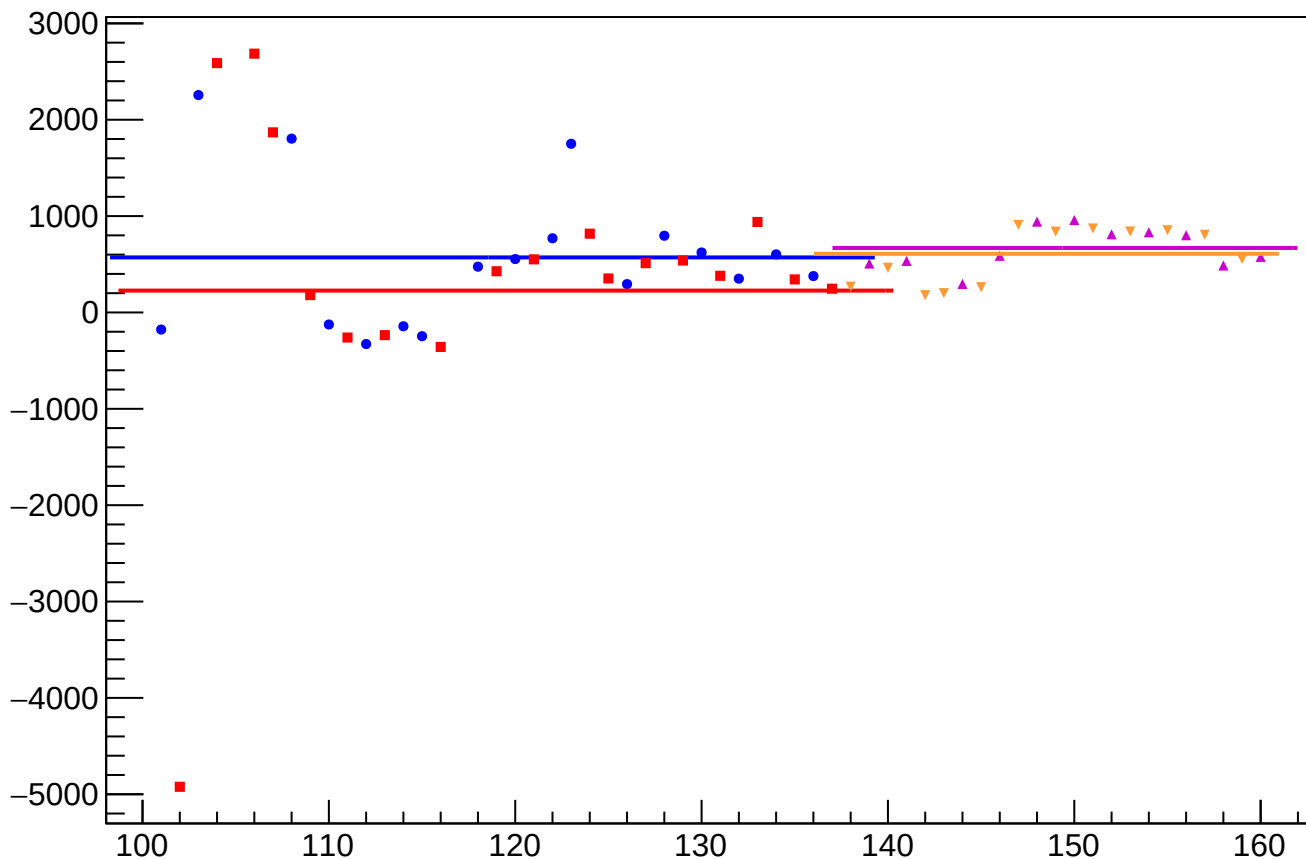
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atr1_coil6_mean vs Slug



Right In: 571.105+/-0.000 χ^2/NDF : 348676559810482432881112105158952615936.0/16

+ sign 592.255+/-0.000 χ^2/NDF : 418341440633097

Left Out: 608.402+/-0.000 χ^2/NDF : 69117421342453825845201605751792992256.0/11

All: 534.017+/-0.000 χ^2/NDF : 272606756972

Right Out: 227.021+/-0.000 χ^2/NDF : 2178465037537899335461890002061994491904.0/17

- sign 477.370+/-0.000 χ^2/NDF : 229700106899621

Left In: 669.223+/-0.000 χ^2/NDF : 39382312244115775396192244581527453696.0/10

dit_atr1_coil6_err_mean vs Slug



Right In: 519.063+/-0.000 χ^2/NDF : 420187131793740379632134790837132328960.0/16

Left Out: 143.116+/-0.000 χ^2/NDF : 711290210266154833943358309092294656.0/11

Right Out: 816.445+/-0.000 χ^2/NDF : 2586841774338234136799977462346624794624.0/17

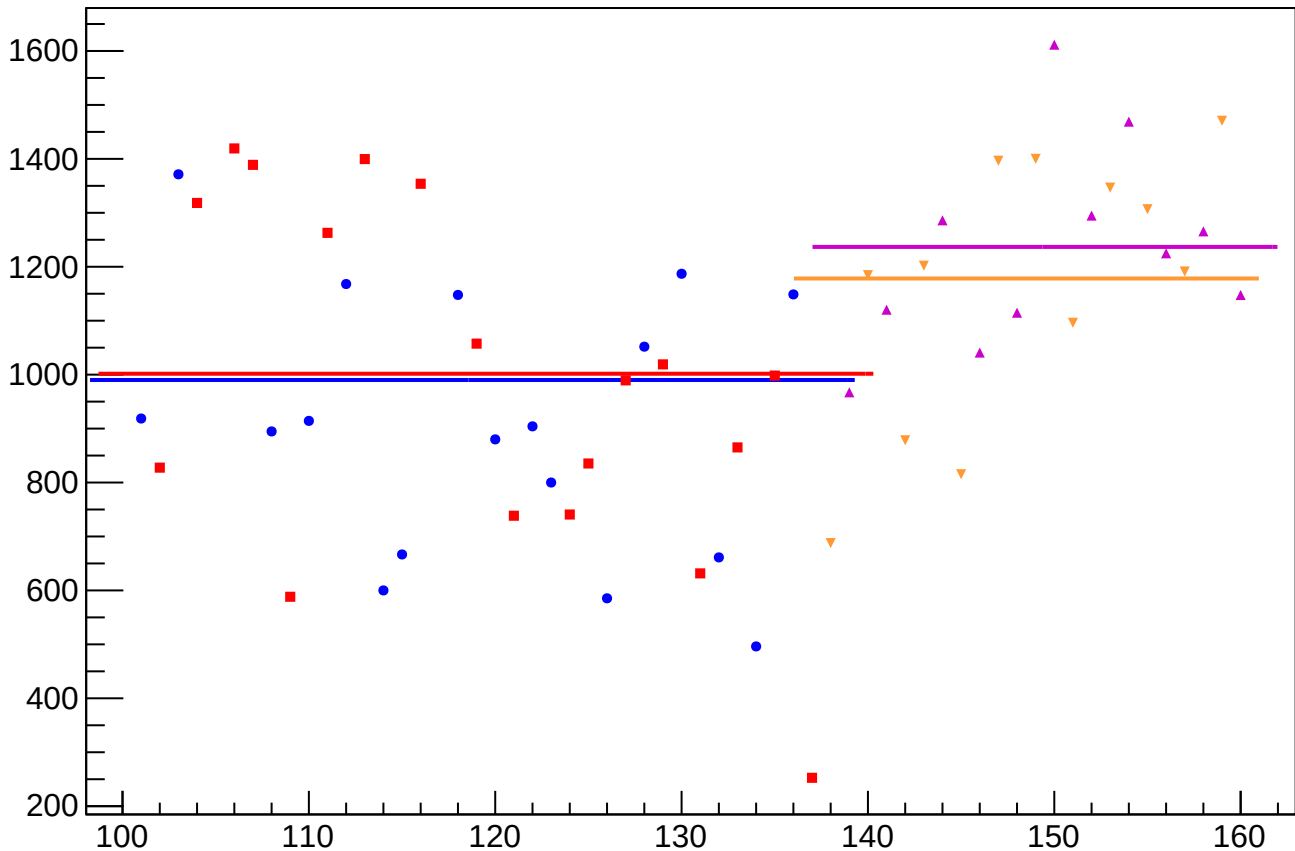
Left In: 145.264+/-0.000 χ^2/NDF : 787451488433589165323793528208228352.0/10

All: 372.074+/-0.000 χ^2/NDF : 326035729536.0/11

+ sign 305.878+/-0.000 χ^2/NDF : 476519959968556.0/11

- sign 436.462+/-0.000 χ^2/NDF : 276998079059233.0/11

dit_atr1_coil6_Ndata_mean vs Slug



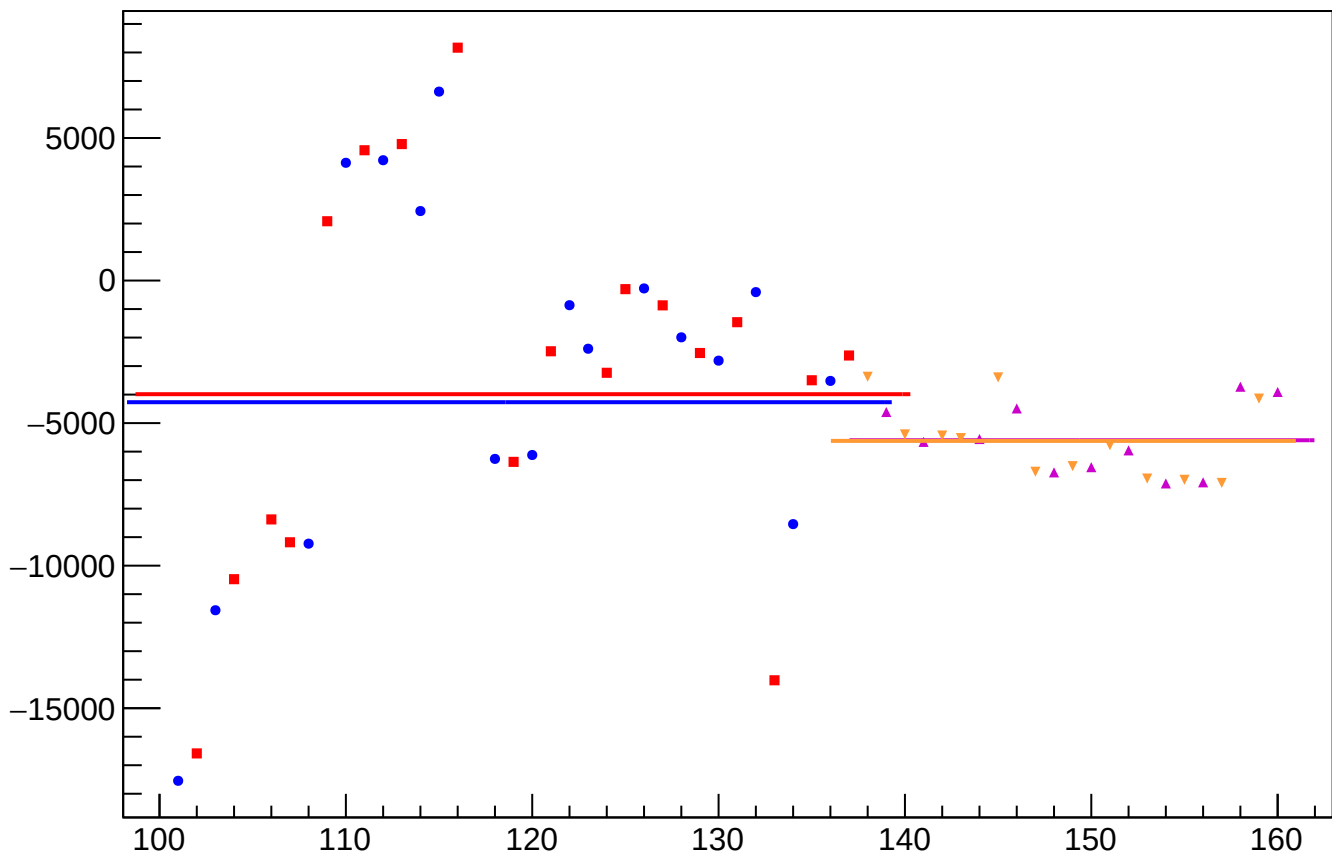
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

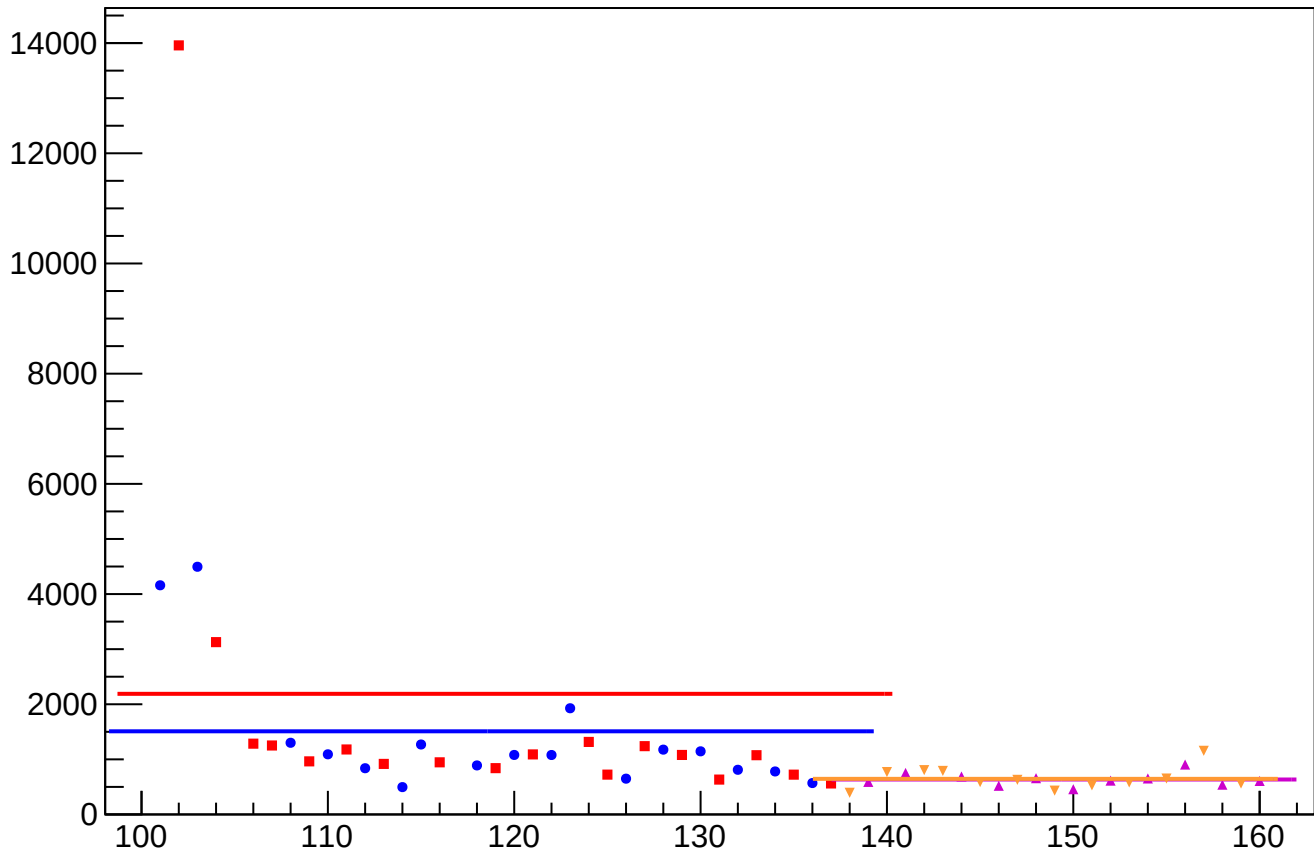
dit_atr2_coil6_mean vs Slug



Right In: -4266.932+/-0.000	χ^2/NDF : 25403959108162984315551486343624496513024.0/16
Left Out: -5623.118+/-0.000	χ^2/NDF : 1581209031874296874377039249105372577792.0/11
Right Out: -3985.866+/-0.000	χ^2/NDF : 31378292211366162940134938718336985333760.0/17
Left In: -5600.969+/-0.000	χ^2/NDF : 1284033803057879693677598537255558840320.0/10

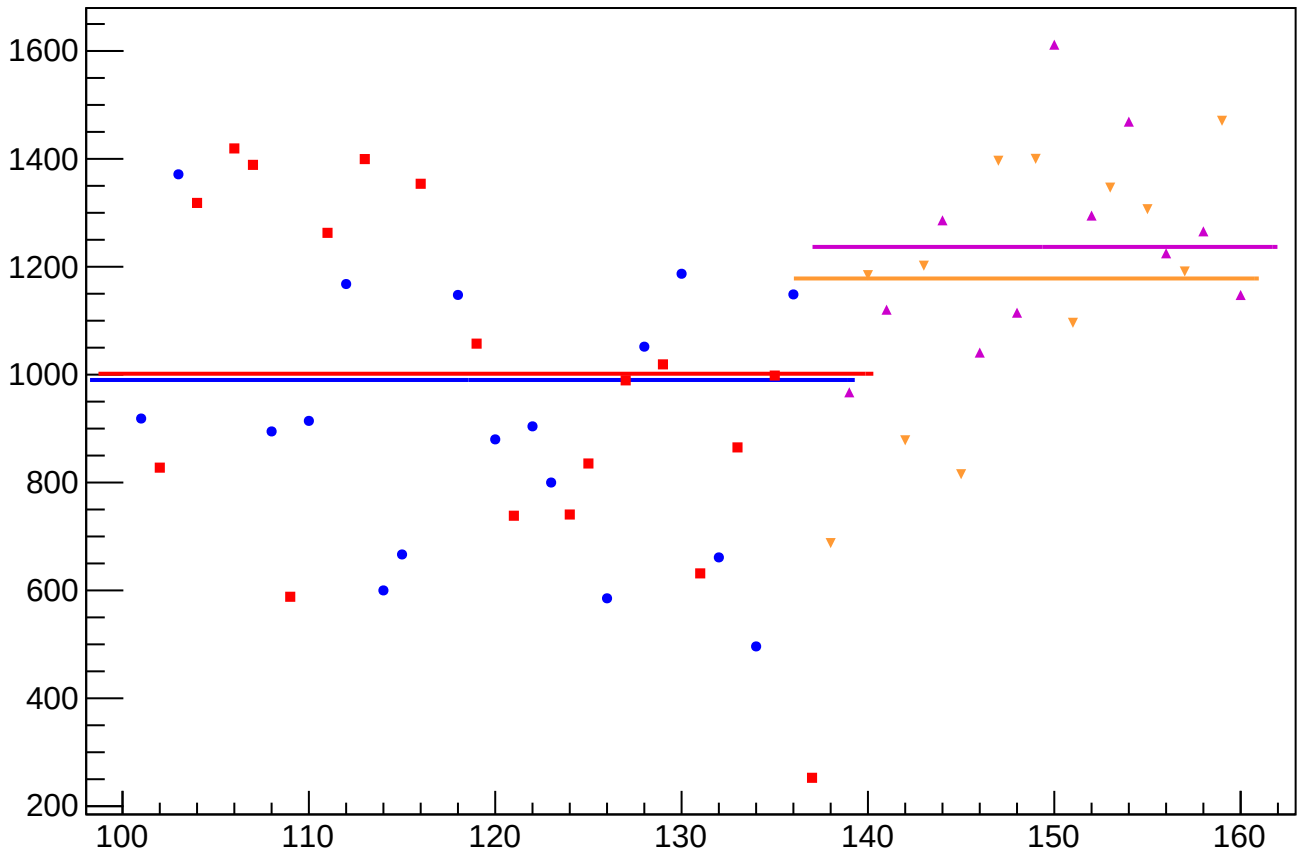
+ sign -5035.973+/-0.000 χ^2/NDF : 2770898483236
 All: -4967.168+/-0.000 χ^2/NDF : 6144220121
 - sign -4900.242+/-0.000 χ^2/NDF : 33718245922920

dit_atr2_coil6_err_mean vs Slug



Right In: 1509.121+/-0.000 χ^2/NDF : 1169972089698319936649693761541425332224.0/16
 Left Out: 646.174+/-0.000 χ^2/NDF : 34105781677425395538056373827956375552.0/11
 Right Out: 2189.301+/-0.000 χ^2/NDF : 8986539063289018670432989988372162281472.0/17
 Left In: 634.343+/-0.000 χ^2/NDF : 12312915107383873124917312703313215488.0/10

dit_atr2_coil6_Ndata_mean vs Slug



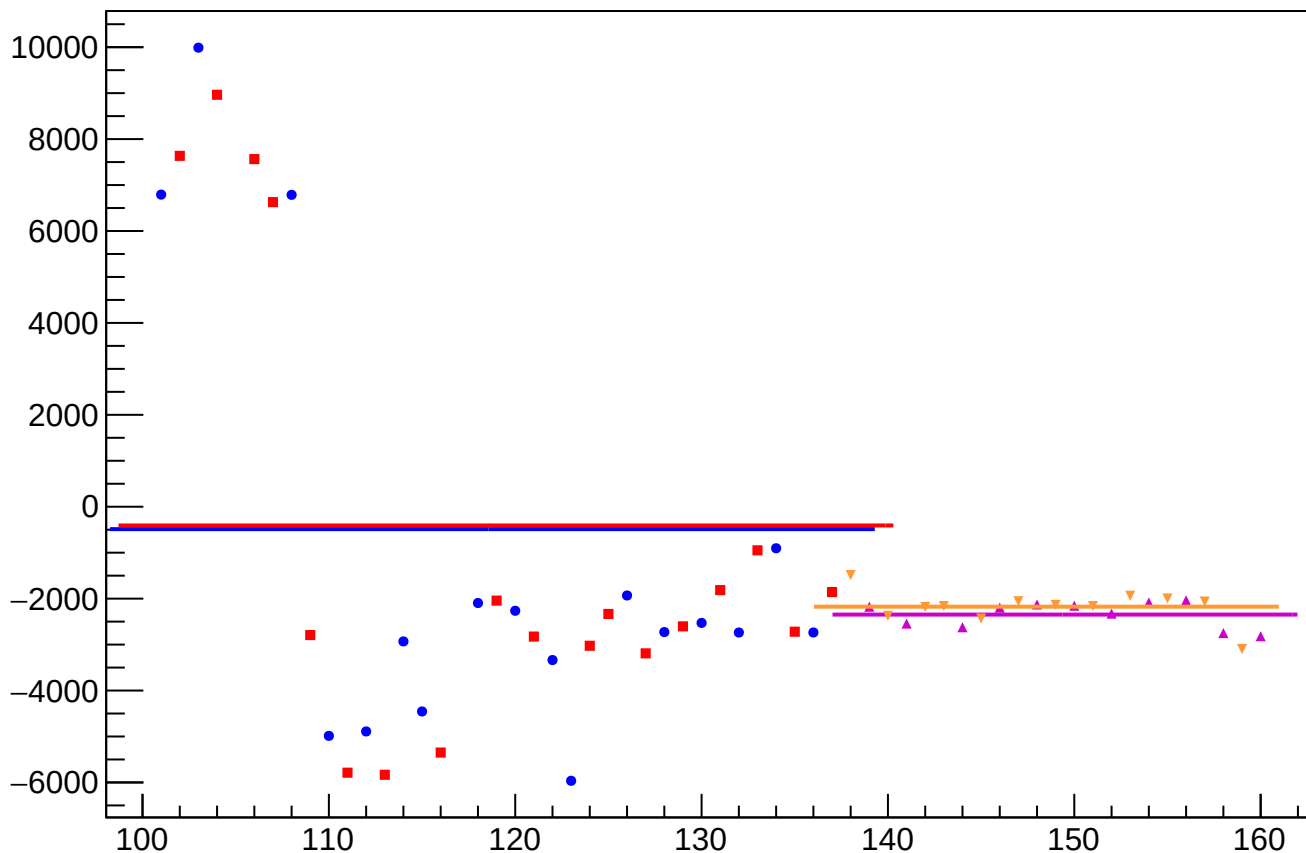
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

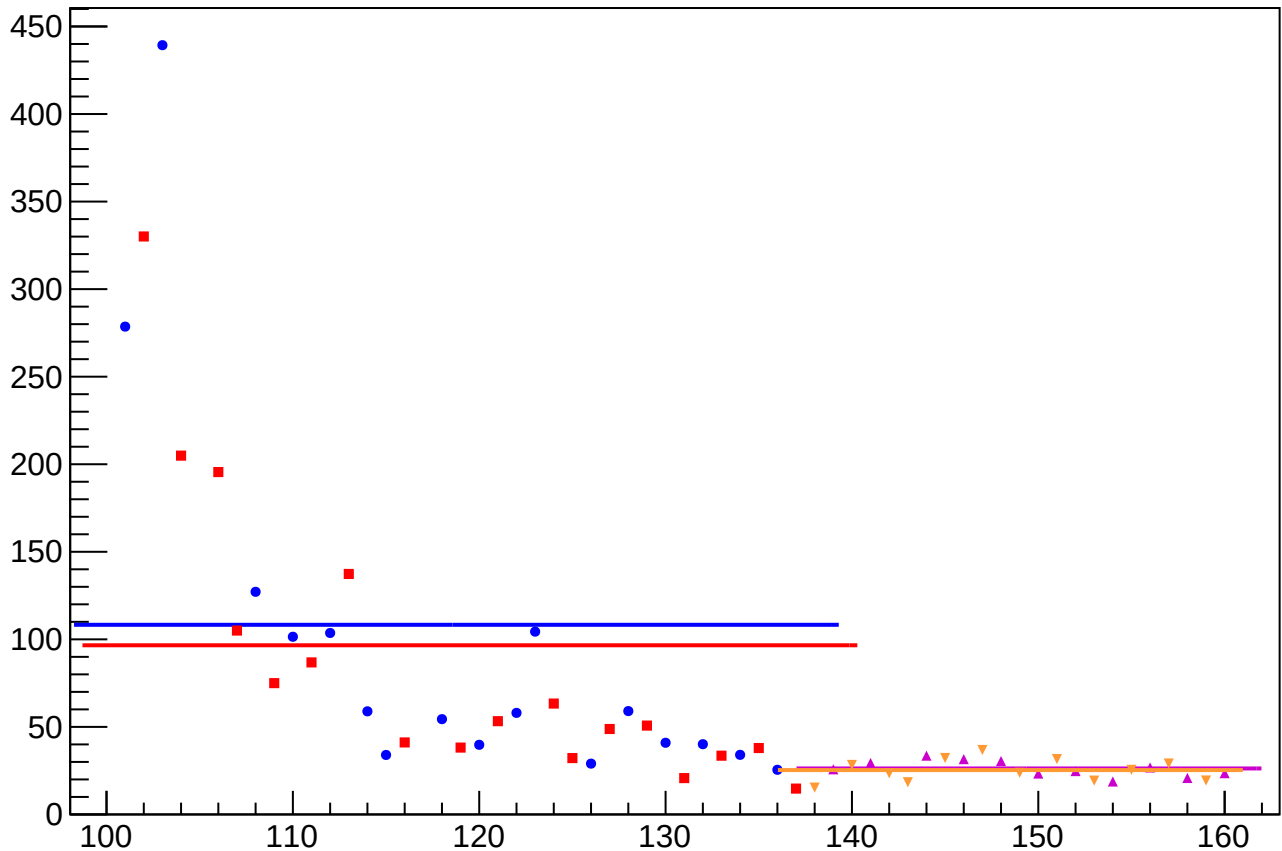
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam1_coil6_mean vs Slug



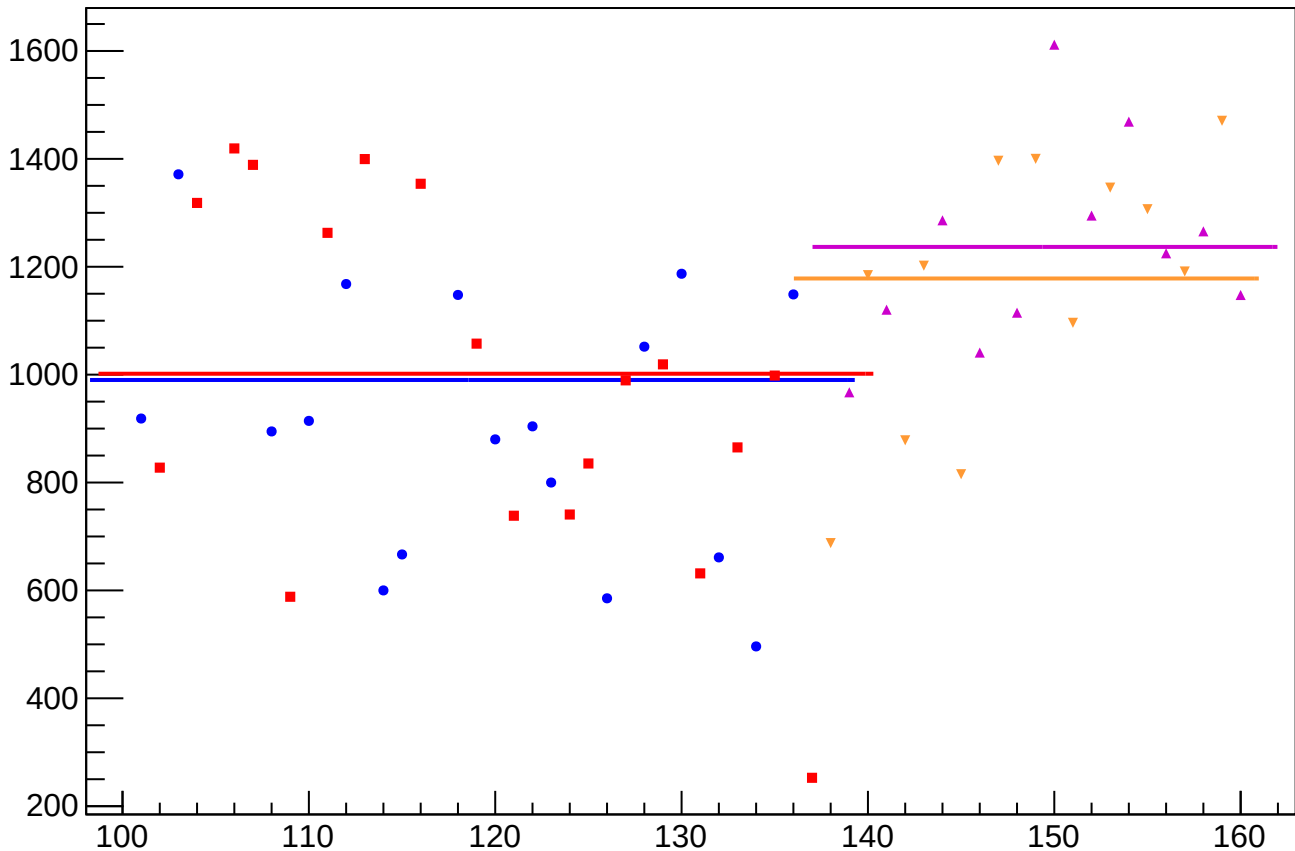
Right In: -487.313 ± 0.000 $\chi^2/\text{NDF}: 15477070218746492867636387900929916010496.0/16$
 Left Out: -2174.754 ± 0.000 $\chi^2/\text{NDF}: 122757210138541314425031010279093174272.0/11$
 Right Out: -407.637 ± 0.000 $\chi^2/\text{NDF}: 17046160329483633481850056075702270164992.0/17$
 Left In: -2346.925 ± 0.000 $\chi^2/\text{NDF}: 67169063271967630363069010620899655680.0/10$

dit_sam1_coil6_err_mean vs Slug



Right In: 108.310+/-0.000 χ^2/NDF : 10240592139421231918957200369451532288.0/16
 Left Out: 25.343+/-0.000 χ^2/NDF : 36110419999442203641332872035434496.0/11
 Right Out: 96.612+/-0.000 χ^2/NDF : 5525873832888071130304914389362278400.0/17
 Left In: 26.267+/-0.000 χ^2/NDF : 18381454665021153689982878819024896.0/10

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

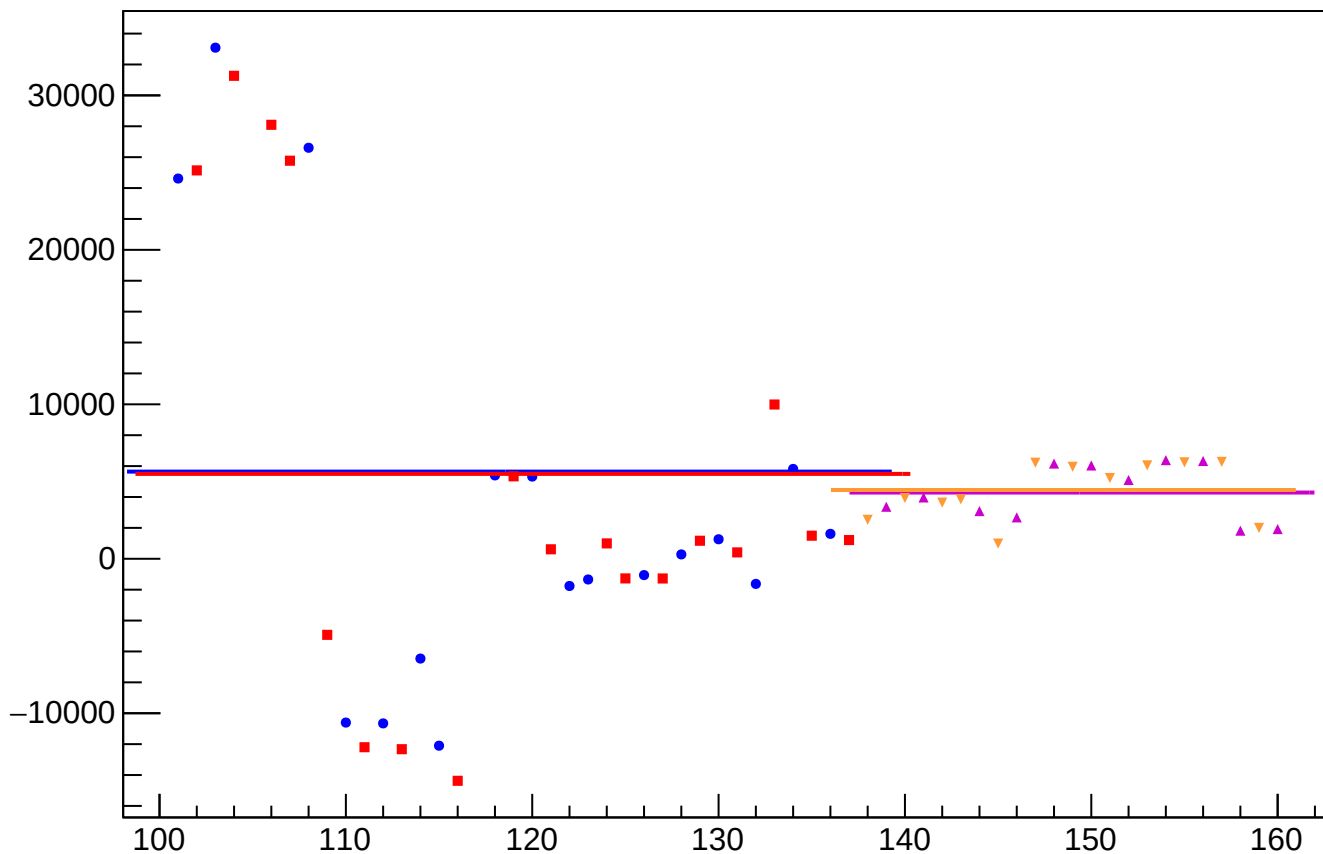
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

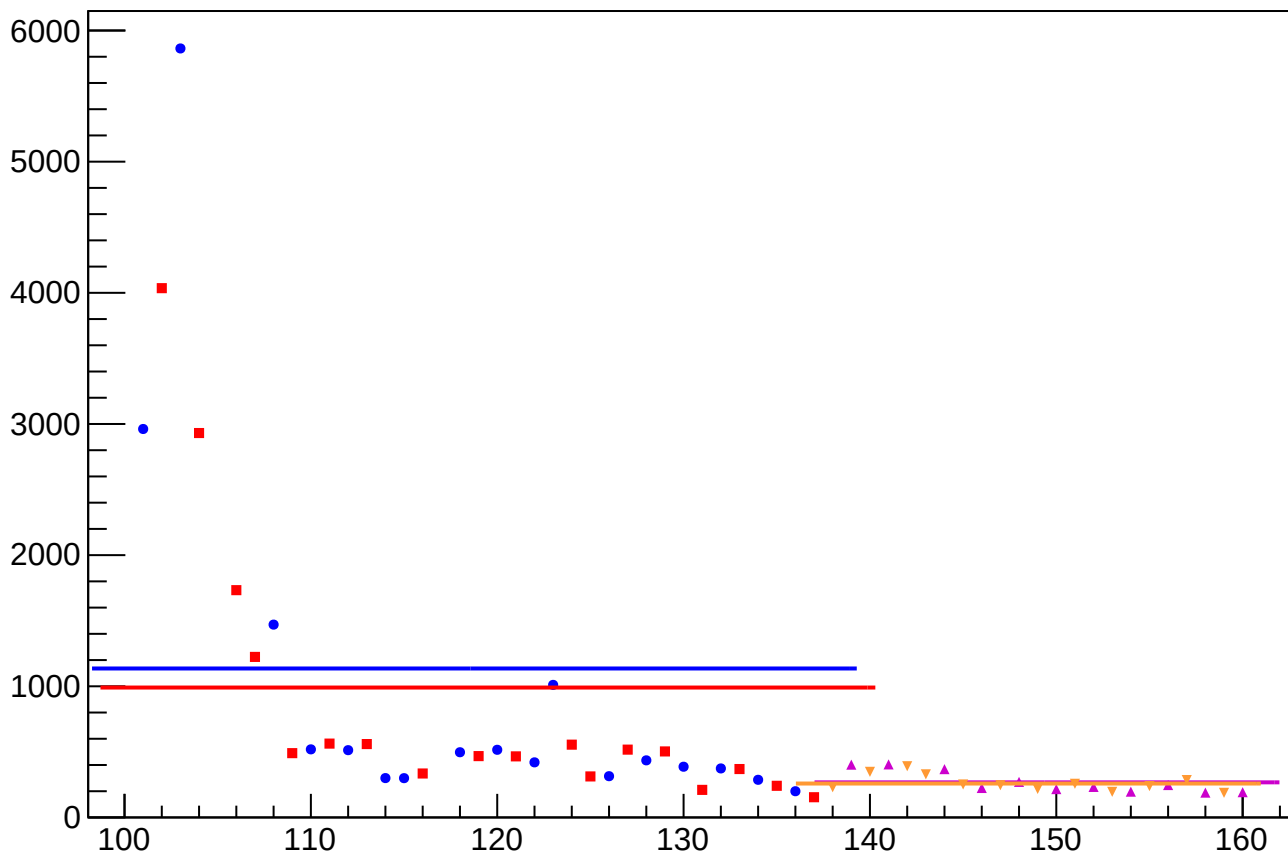
- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_sam2_coil6_mean vs Slug



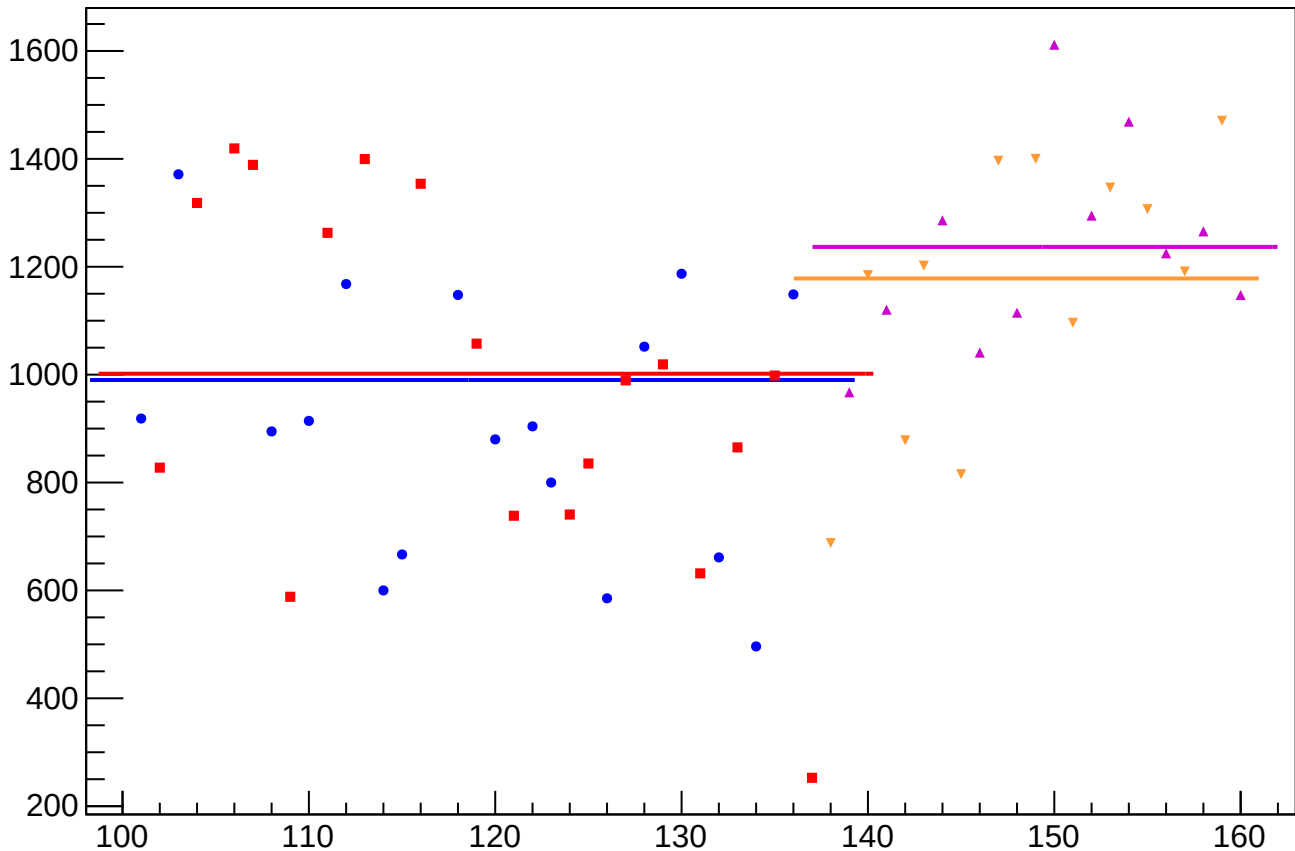
Right In: 5643.213+/-0.000 χ^2/NDF : 120843746110128548402153277612724047577088.0/16
 Left Out: 4452.458+/-0.000 χ^2/NDF : 2985929789295198919987260133715107381248.0/11
 Right Out: 5495.452+/-0.000 χ^2/NDF : 139584988563962510194230278268369577705472.0/17
 Left In: 4288.058+/-0.000 χ^2/NDF : 2735636712385094187455165788777797910528.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1135.811+/-0.000 χ^2/NDF : 1824005819812756990146951558918737756160.0/16
 Left Out: 258.670+/-0.000 χ^2/NDF : 2829286833241859007622586413730496512.0/11
 Right Out: 990.520+/-0.000 χ^2/NDF : 932180516409120093653543317868461948928.0/17
 Left In: 267.701+/-0.000 χ^2/NDF : 5915399599612443264375094627914481664.0/10

dit_sam2_coil6_Ndata_mean vs Slug



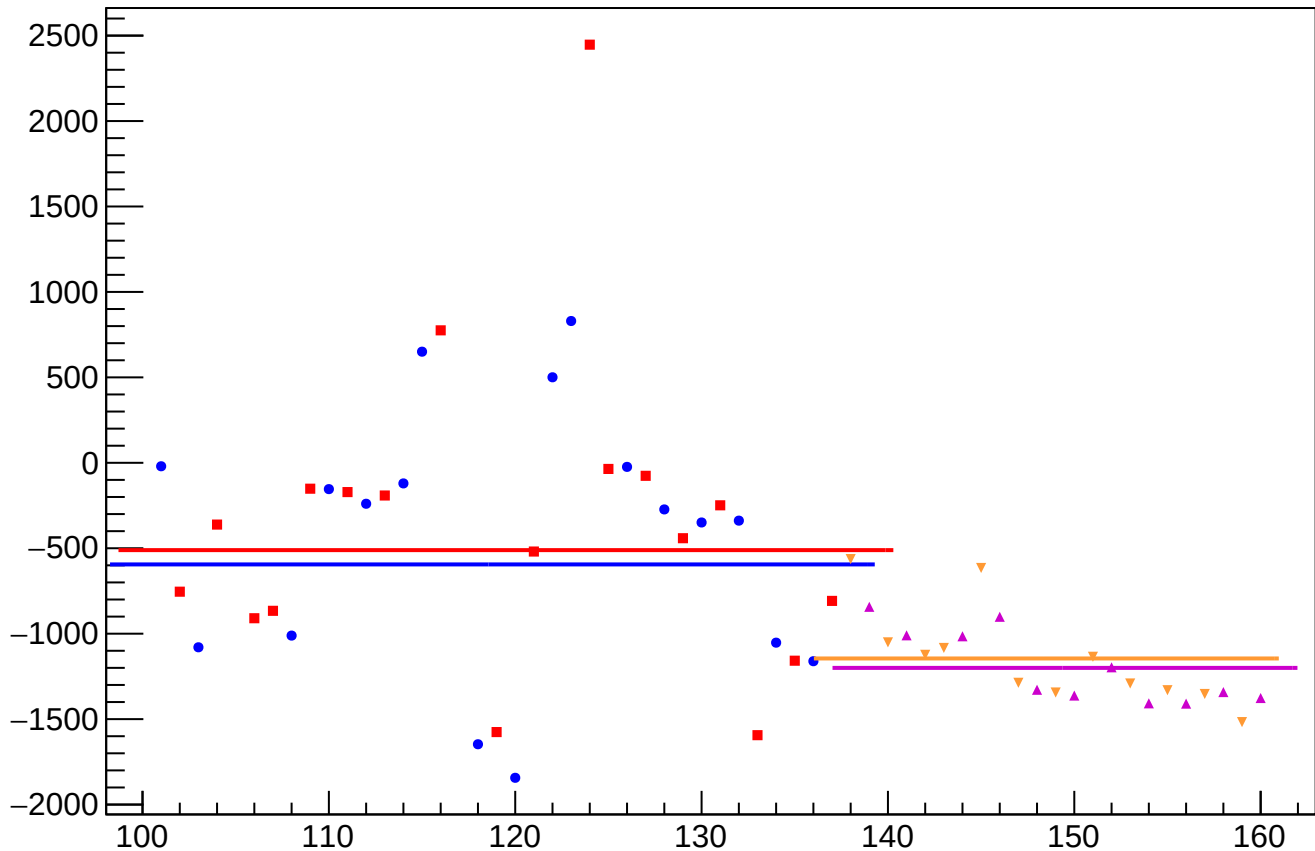
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

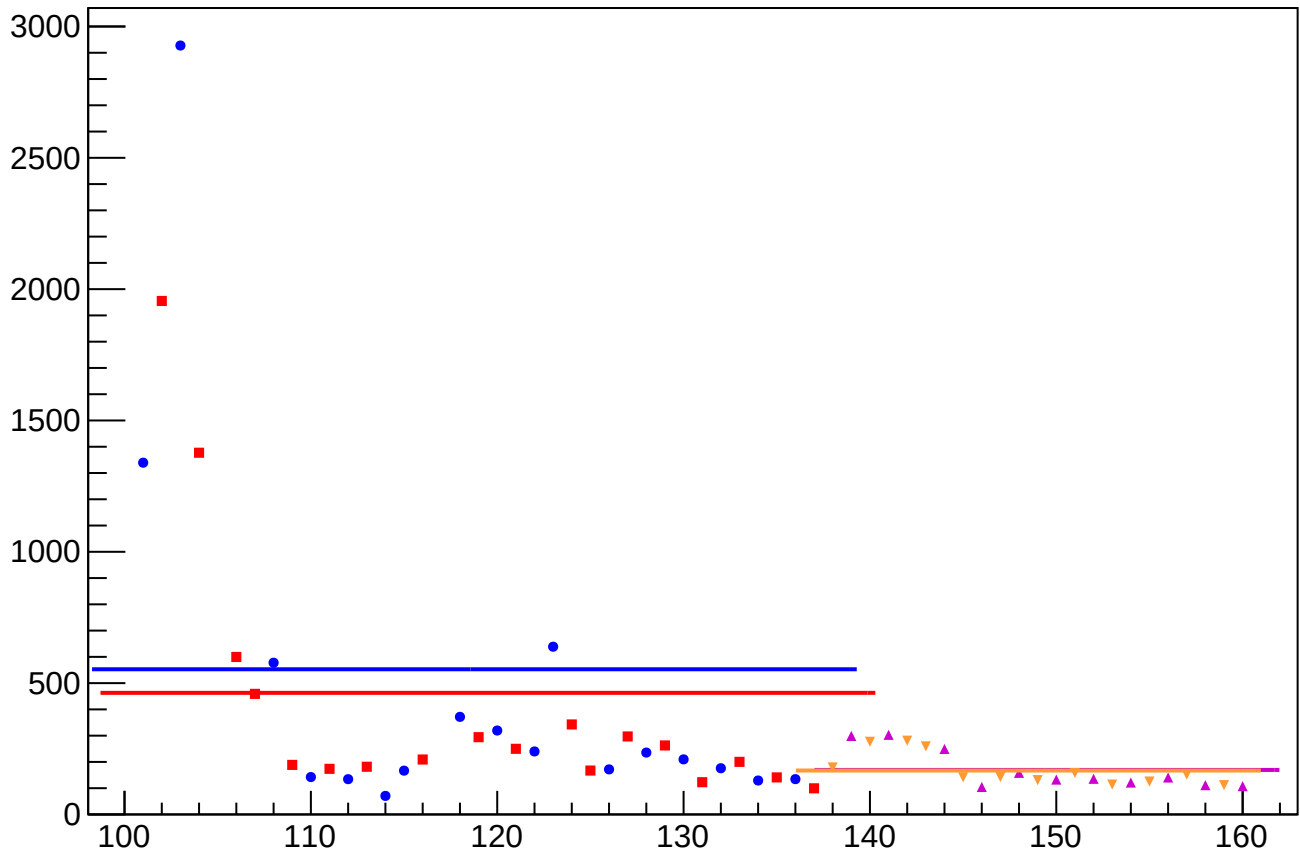
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_sam3_coil6_mean vs Slug



Right In: -594.642+/-0.000 χ^2/NDF : 301185427986157798818990027839559958528.0/16
 Left Out: -1145.023+/-0.000 χ^2/NDF : 73058158331350430415583816889325846528.0/11
 Right Out: -510.991+/-0.000 χ^2/NDF : 345692362052681149269006983787007967232.0/17
 Left In: -1200.159+/-0.000 χ^2/NDF : 39206754972923098015710381582583857152.0/10

dit_sam3_coil6_err_mean vs Slug



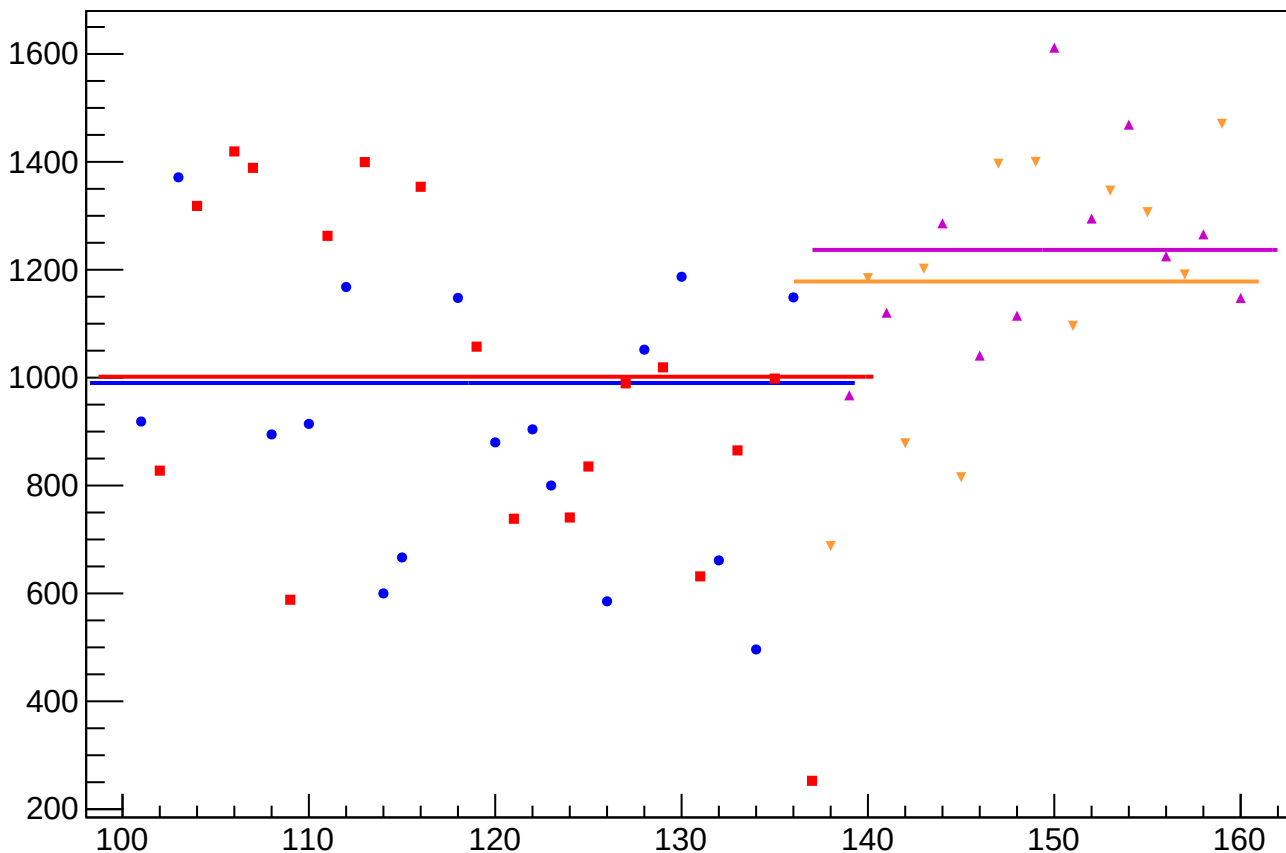
Right In: 552.756+/-0.000 χ^2/NDF : 438588904166490483585471990950715719680.0/16

Left Out: 167.275+/-0.000 χ^2/NDF : 3021189019464897046042040078702739456.0/11

Right Out: 463.044+/-0.000 χ^2/NDF : 209305475229629435748794855521804877824.0/17

Left In: 169.476+/-0.000 χ^2/NDF : 4886350669326169514376198750149279744.0/10

dit_sam3_coil6_Ndata_mean vs Slug



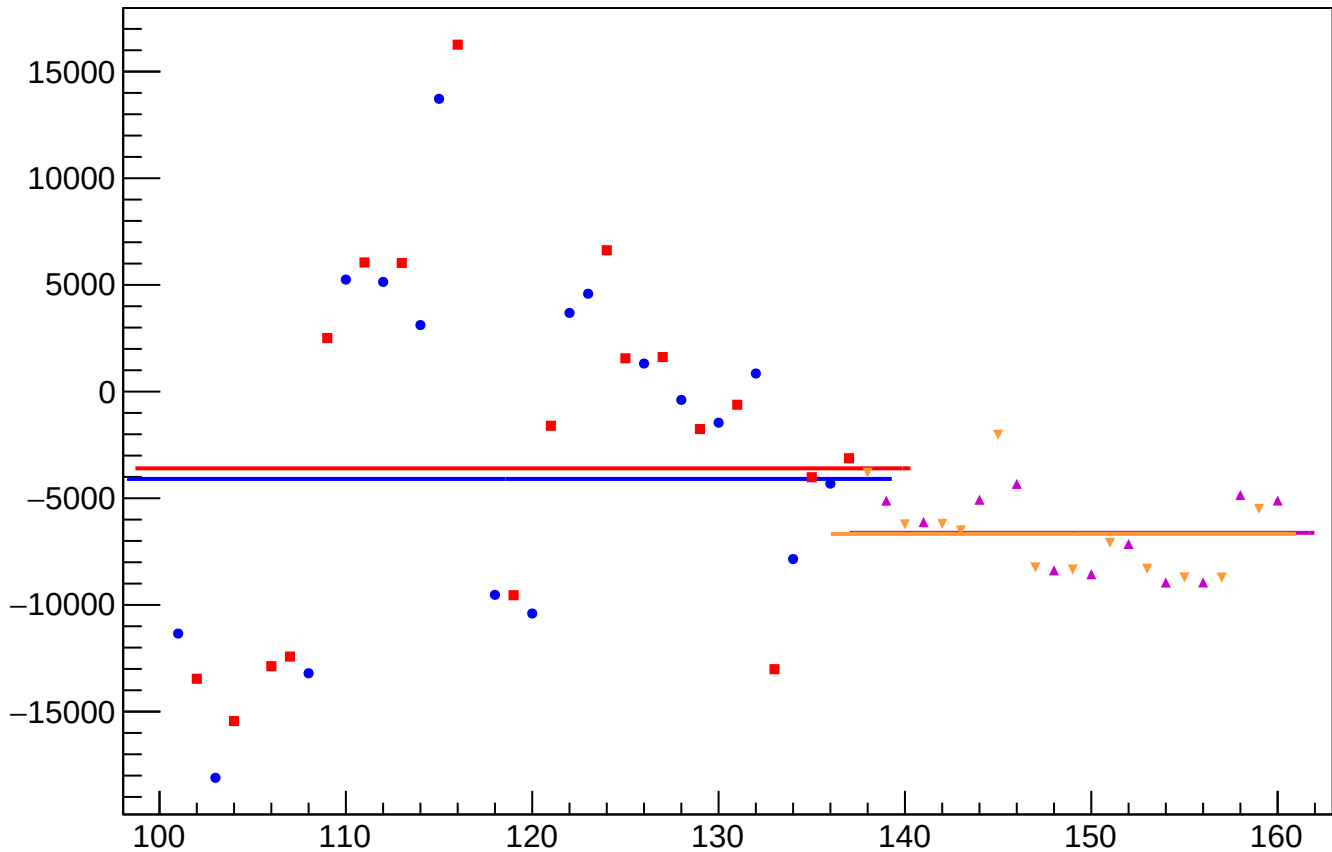
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

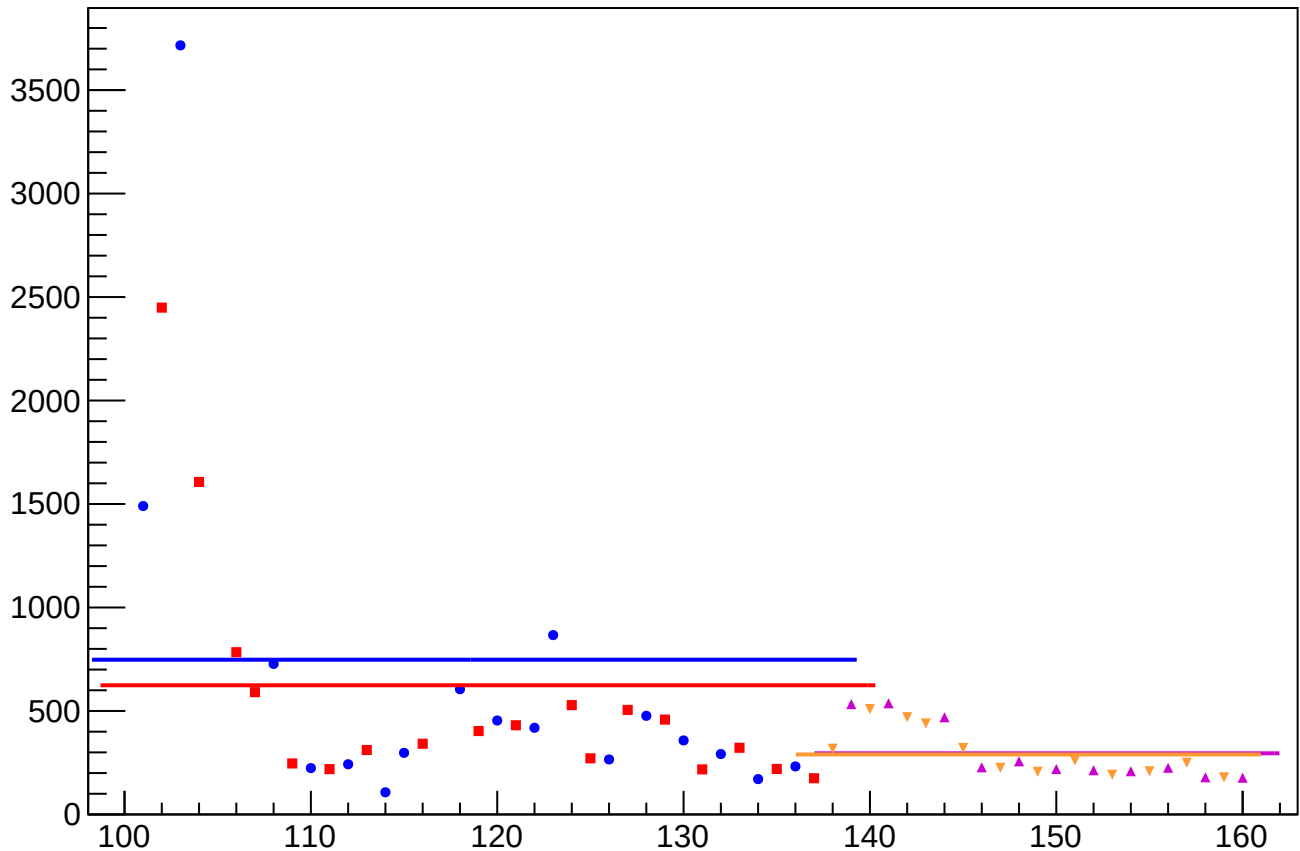
dit_sam4_coil6_mean vs Slug



Right In: -4093.788+/-0.000	χ^2/NDF : 38878868284472308051396307871868318121984.0/16
Left Out: -6670.950+/-0.000	χ^2/NDF : 3774906693530884073018019224850138136576.0/11
Right Out: -3597.313+/-0.000	χ^2/NDF : 48617231317968827835072936626093341802496.0/17
Left In: -6619.709+/-0.000	χ^2/NDF : 2843164619719300530559319168458248159232.0/10

+ sign -5555.198+/-0.000 χ^2/NDF : 4526758129513
 All: -5430.098+/-0.000 χ^2/NDF : 1004751797
 - sign -5308.415+/-0.000 χ^2/NDF : 55158109829152

dit_sam4_coil6_err_mean vs Slug



Right In: 747.700+/-0.000 χ^2/NDF : 650932937994369219214435777270989717504.0/16

Left Out: 289.811+/-0.000 χ^2/NDF : 10481549601194900606923730784744374272.0/11

Right Out: 624.223+/-0.000 χ^2/NDF : 296243096292052743688943276873819881472.0/17

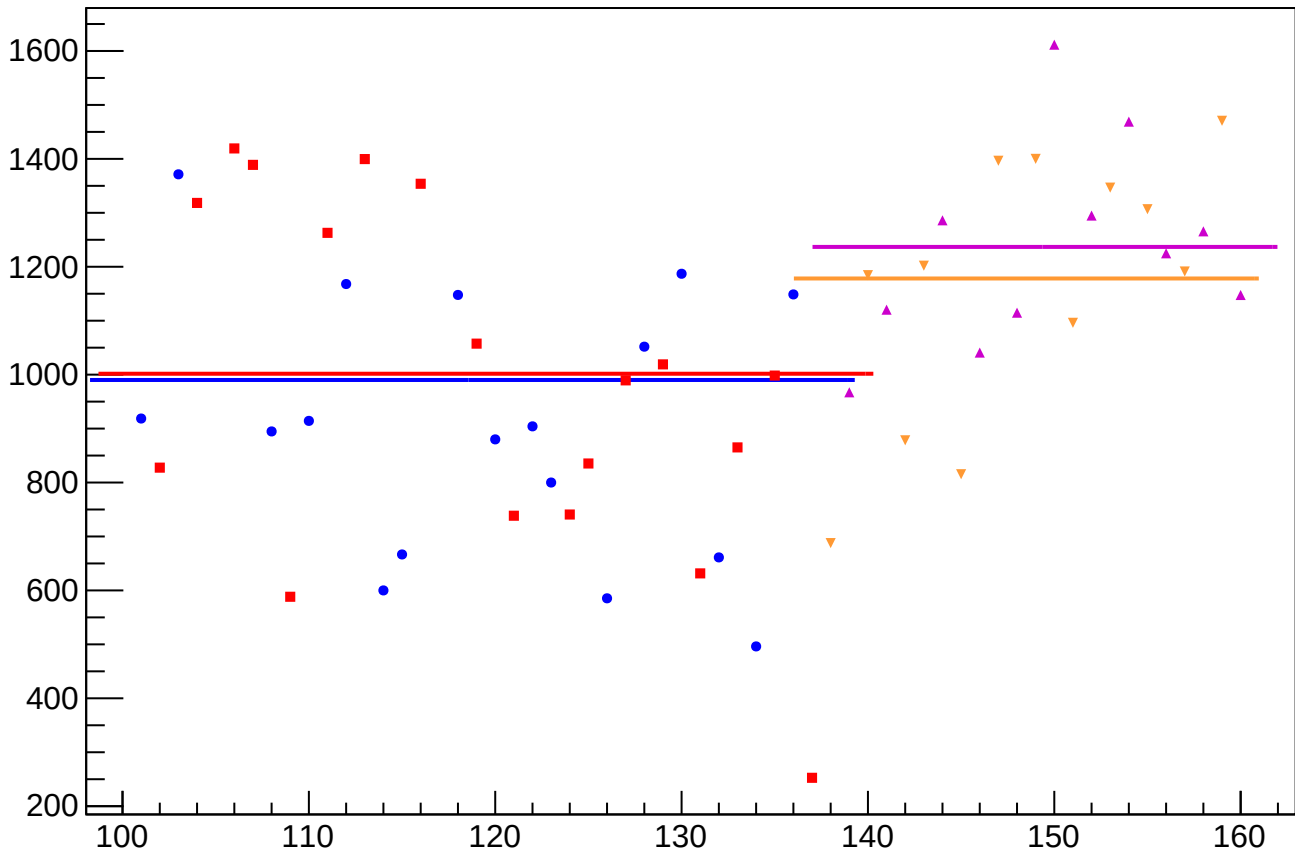
Left In: 295.493+/-0.000 χ^2/NDF : 17160133140926555155362591865869172736.0/10

+ sign 488.049+/-0.000 χ^2/NDF : 743925054327055

All: 462.736+/-0.000 χ^2/NDF : 110309762248

- sign 438.116+/-0.000 χ^2/NDF : 357146521032706

dit_sam4_coil6_Ndata_mean vs Slug



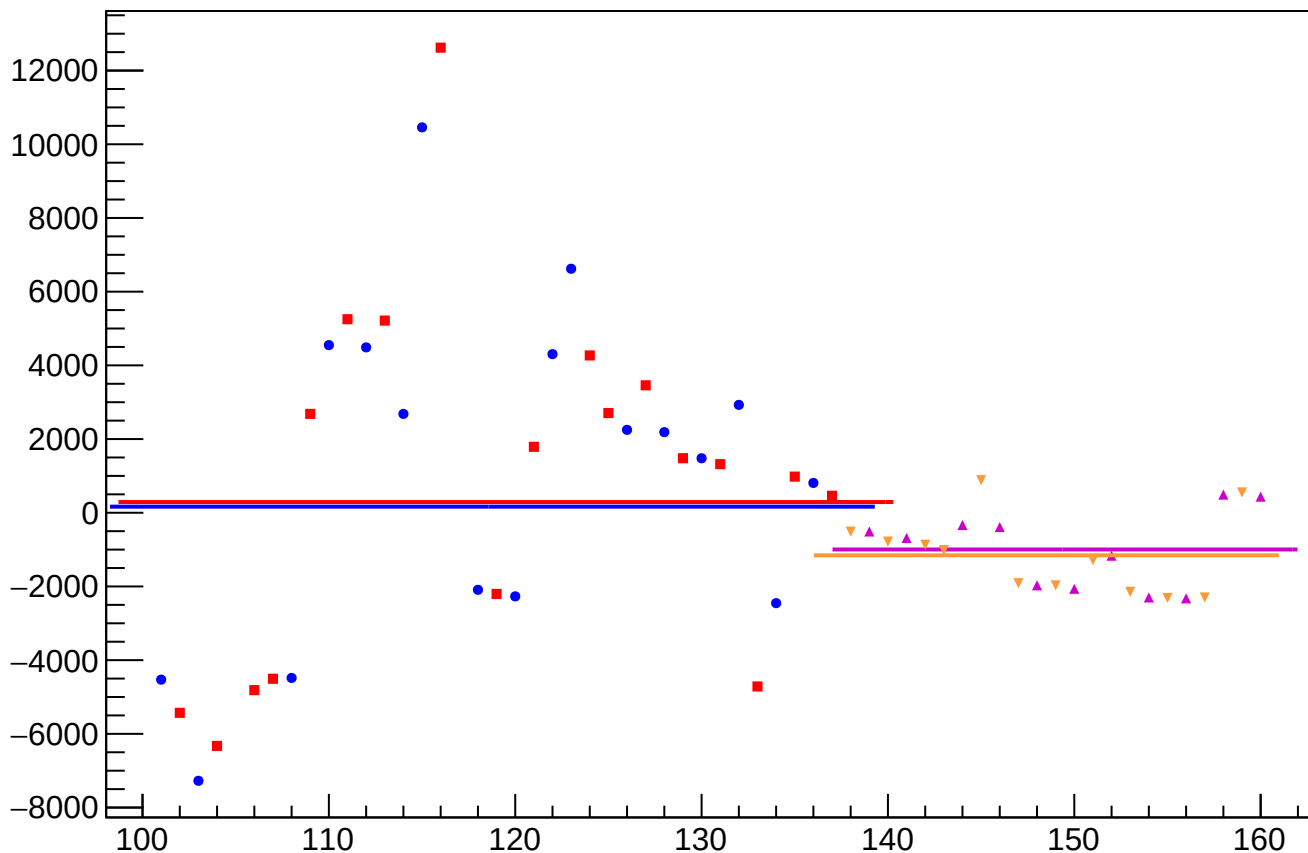
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

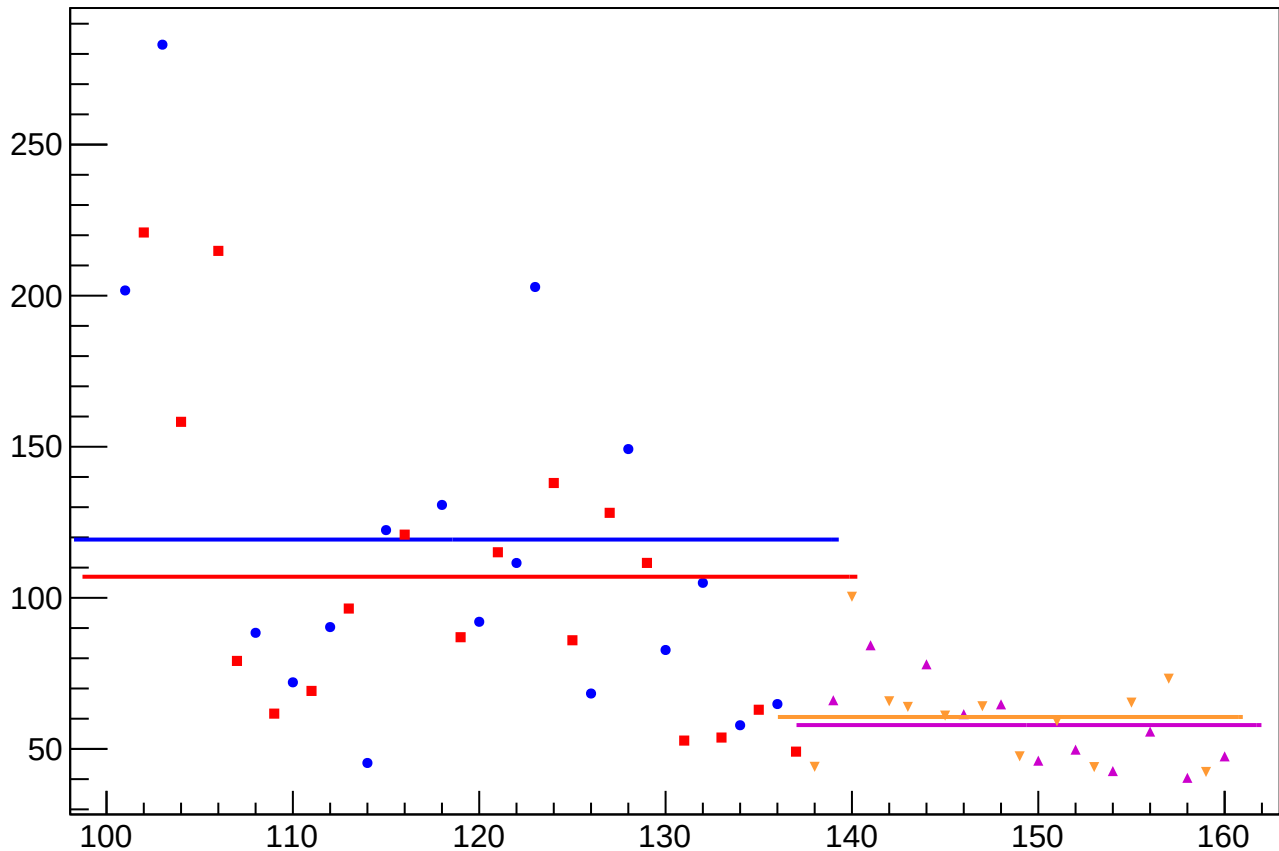
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam5_coil6_mean vs Slug



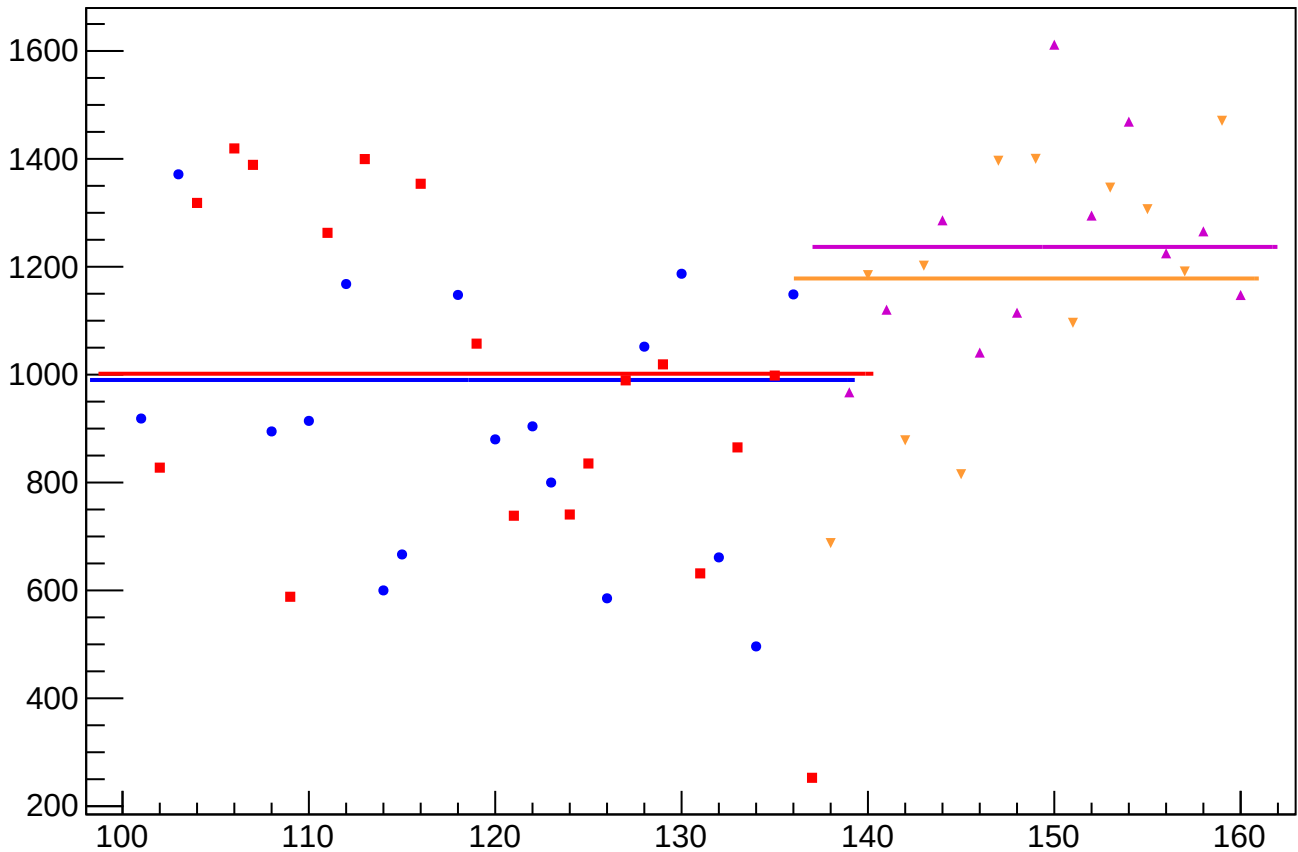
Right In: 165.547+/-0.000 χ^2/NDF : 10658450336306933403777351351390508679168.0/16
 Left Out: -1155.357+/-0.000 χ^2/NDF : 995504747952866911387640526565778915328.0/11
 Right Out: 291.015+/-0.000 χ^2/NDF : 14672571981967891714112032575724497928192.0/17
 Left In: -996.521+/-0.000 χ^2/NDF : 924719212965830410136097105357987381248.0/10

dit_sam5_coil6_err_mean vs Slug



Right In: 119.288+/-0.000 χ^2/NDF : 2842654207411905514935251828991852544.0/16
 Left Out: 60.571+/-0.000 χ^2/NDF : 23198208438530446830781999200442776.0/11
 Right Out: 106.986+/-0.000 χ^2/NDF : 1915046958698396013008025410372370432.0/17
 Left In: 57.892+/-0.000 χ^2/NDF : 178748203070353408993612338219188224.0/10

dit_sam5_coil6_Ndata_mean vs Slug



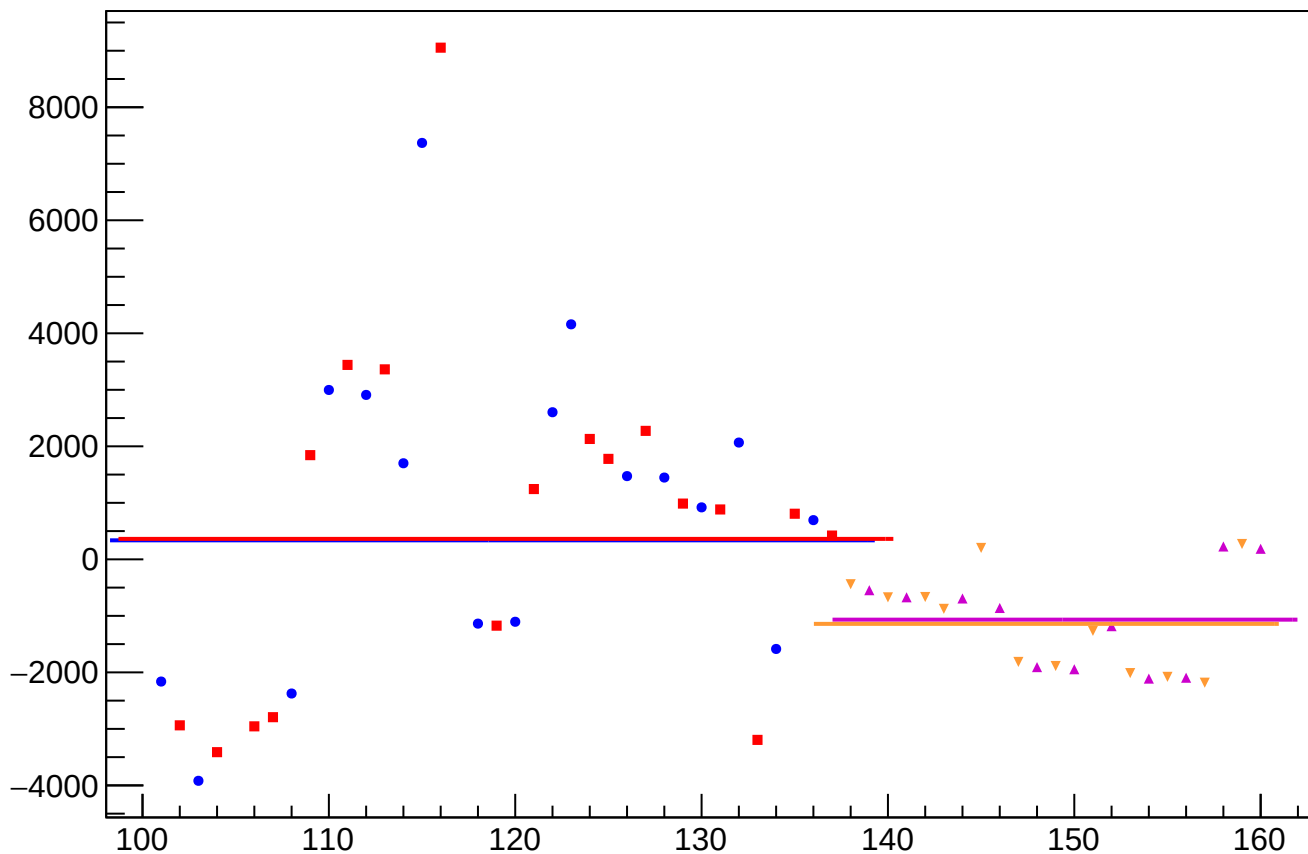
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam6_coil6_mean vs Slug



Right In: 336.537+/-0.000 χ^2/NDF : 3711385432707324073014239747985928880128.0/16

Left Out: -1141.700+/-0.000 χ^2/NDF : 670526328034965940264034289134346436608.0/11

Right Out: 362.052+/-0.000 χ^2/NDF : 5966784958004941474881704867040847724544.0/17

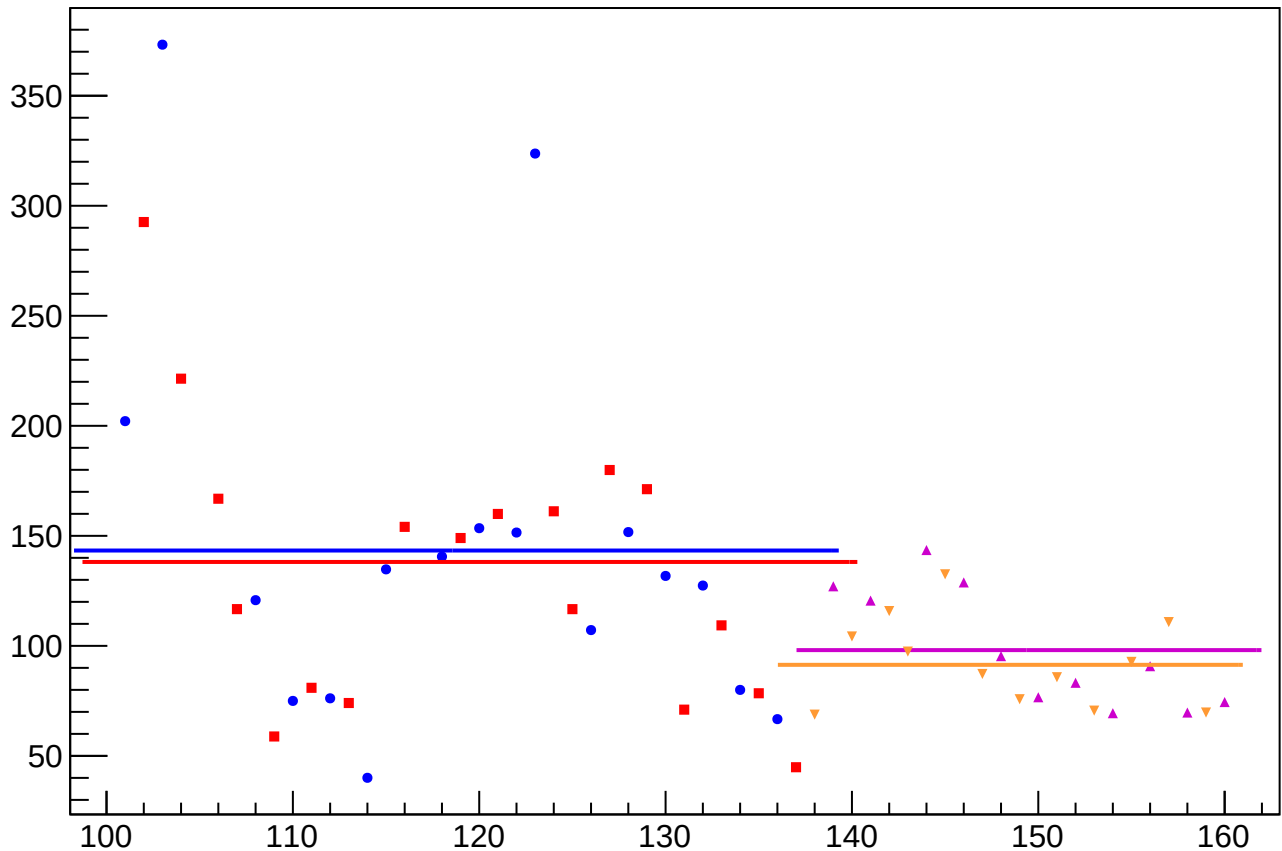
Left In: -1067.159+/-0.000 χ^2/NDF : 629450133544261438998185081673399402496.0/10

+ sign -501.715+/-0.000 χ^2/NDF : 52418718654601

All: -474.020+/-0.000 χ^2/NDF : 12667375647

- sign -447.082+/-0.000 χ^2/NDF : 742307843643775

dit_sam6_coil6_err_mean vs Slug



Right In: 143.327 ± 0.000 χ^2/NDF : 4671526487507242419296658853814337536.0/16

Left Out: 91.381 ± 0.000 χ^2/NDF : 342224682721014507534258785086341120.0/11

Right Out: 138.133 ± 0.000 χ^2/NDF : 3152322250150098804756661412355375104.0/17

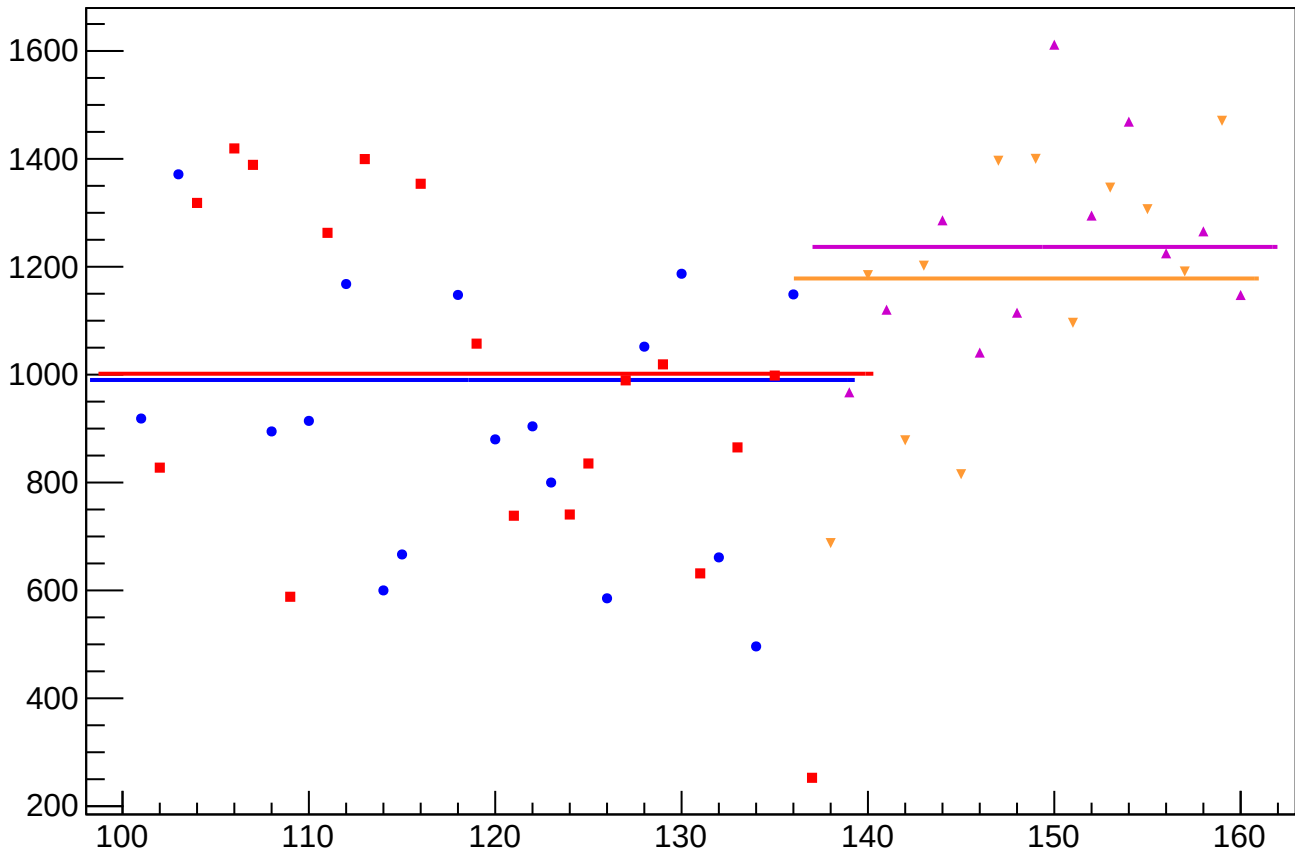
Left In: 98.068 ± 0.000 χ^2/NDF : 624217570941141558165697948106620928.0/10

All: 114.672 ± 0.000 χ^2/NDF : 10503992303

+ sign 113.871 ± 0.000 χ^2/NDF : 607566845752250

- sign 115.451 ± 0.000 χ^2/NDF : 442629552250207

dit_sam6_coil6_Ndata_mean vs Slug



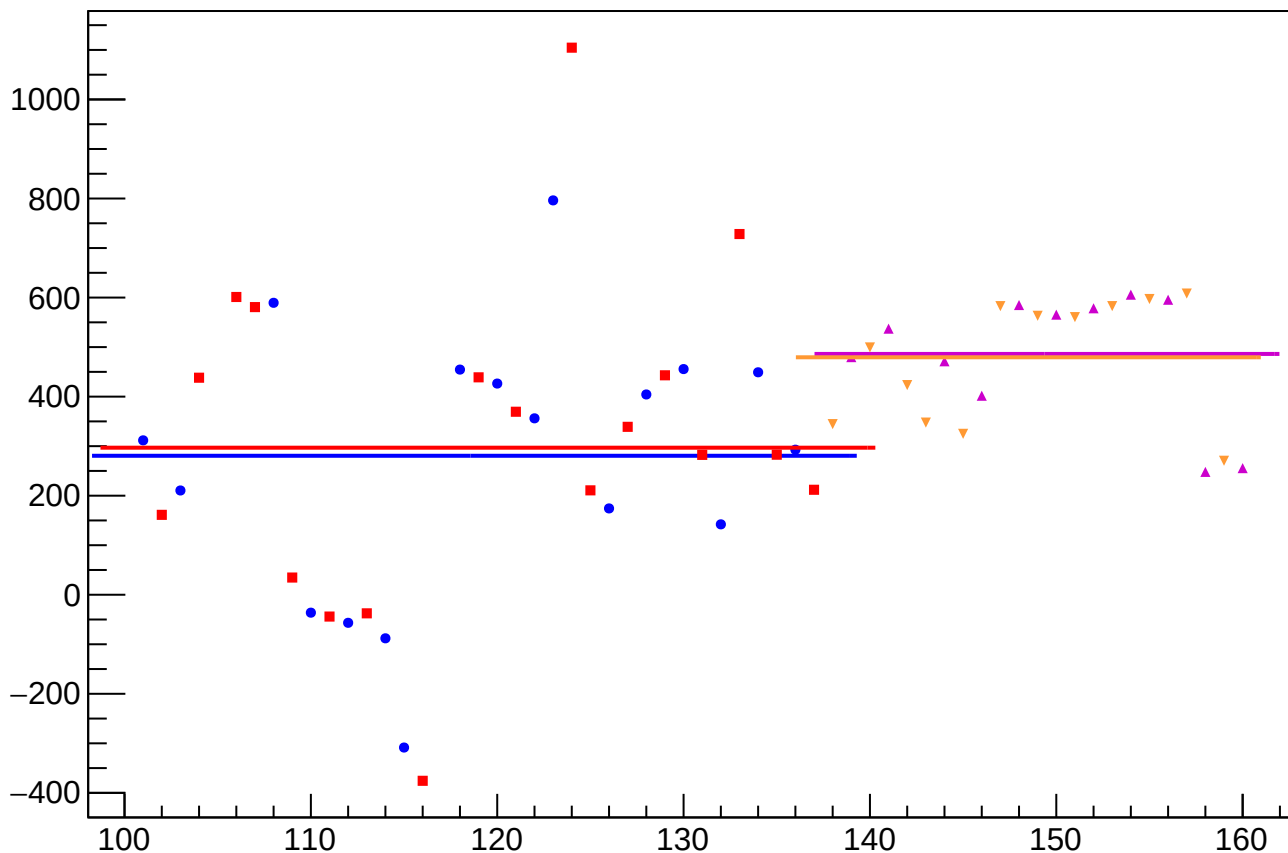
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_sam7_coil6_mean vs Slug



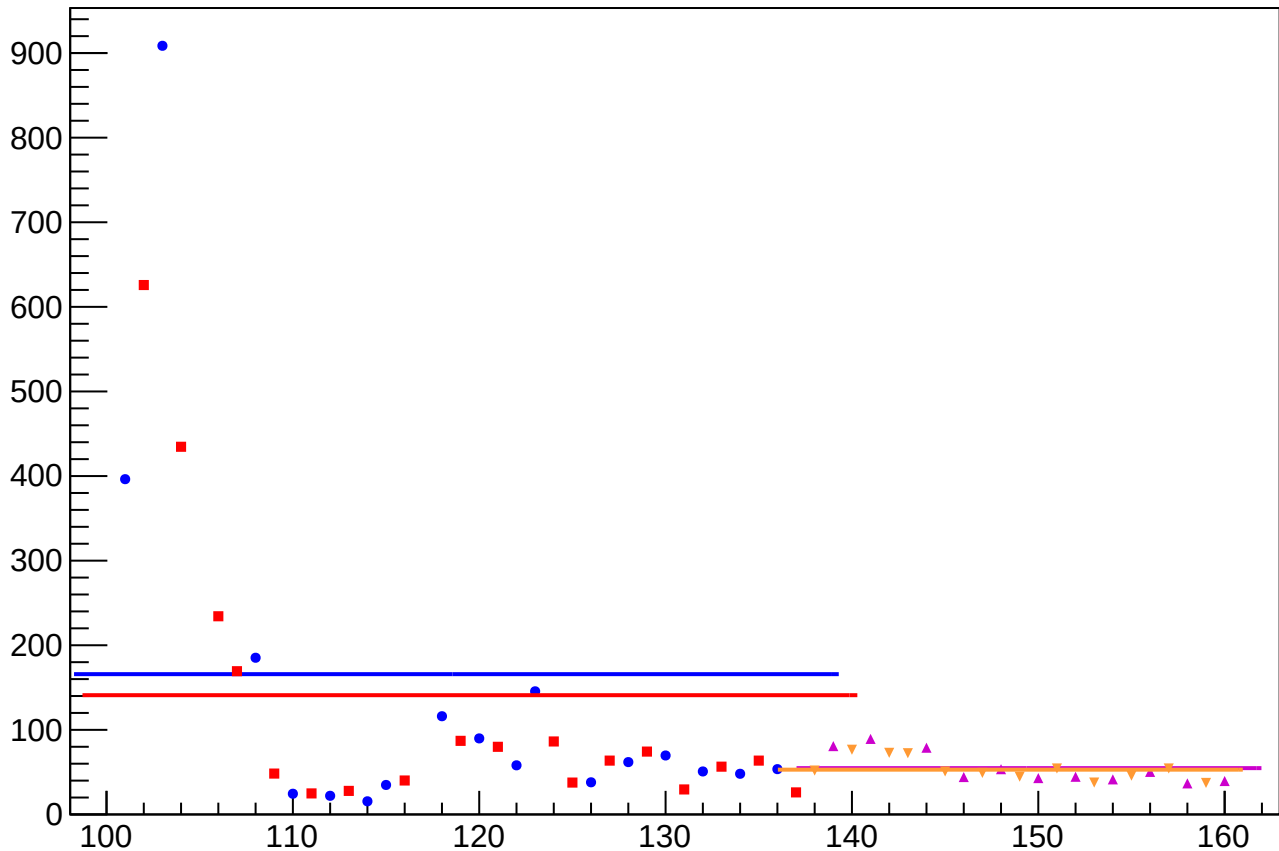
Right In: 280.587+/-0.000 χ^2/NDF : 26873653578381248944514799501999865856.0/16

Left Out: 479.418+/-0.000 χ^2/NDF : 13285124498180385816264889724787752960.0/11

Right Out: 296.905+/-0.000 χ^2/NDF : 53152105752477344290303829793952497664.0/17

Left In: 486.206+/-0.000 χ^2/NDF : 14204620343976110093613729776425500672.0/10

dit_sam7_coil6_err_mean vs Slug



Right In: 165.841 $\pm$ 0.000 χ^2 /NDF: 42388910284637758892134233675562745856.0/16

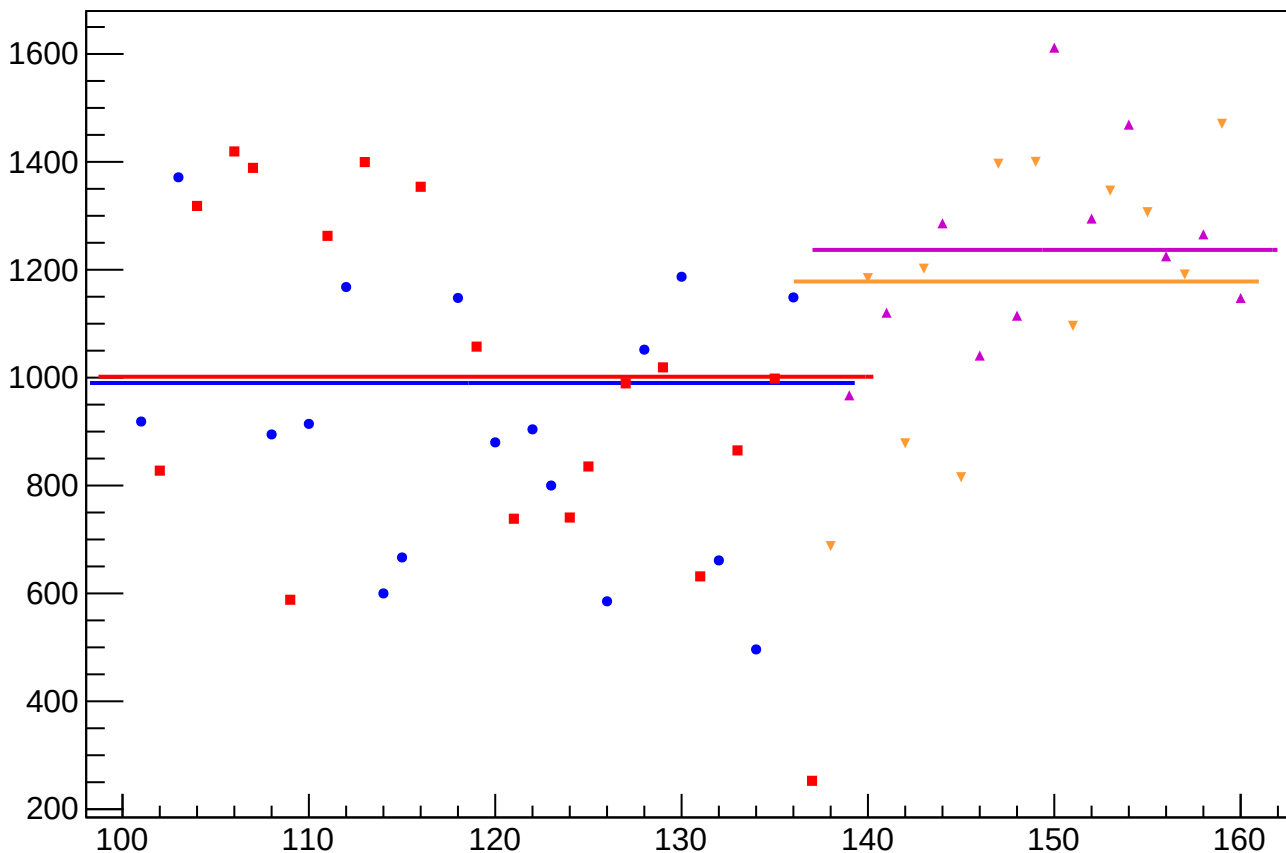
Left Out: 52.946 $\pm$ 0.000 χ^2 /NDF: 140060109724135025714892303400697856.0/11

Right Out: 140.976 $\pm$ 0.000 χ^2 /NDF: 22674964646016742017185923250652184576.0/17

Left In: 54.754 $\pm$ 0.000 χ^2 /NDF: 302128520341219592884404395924520960.0/10

All: 96.926 $\pm$ 0.000 χ^2 /NDF: 7360699399665.0/10

dit_sam7_coil6_Ndata_mean vs Slug



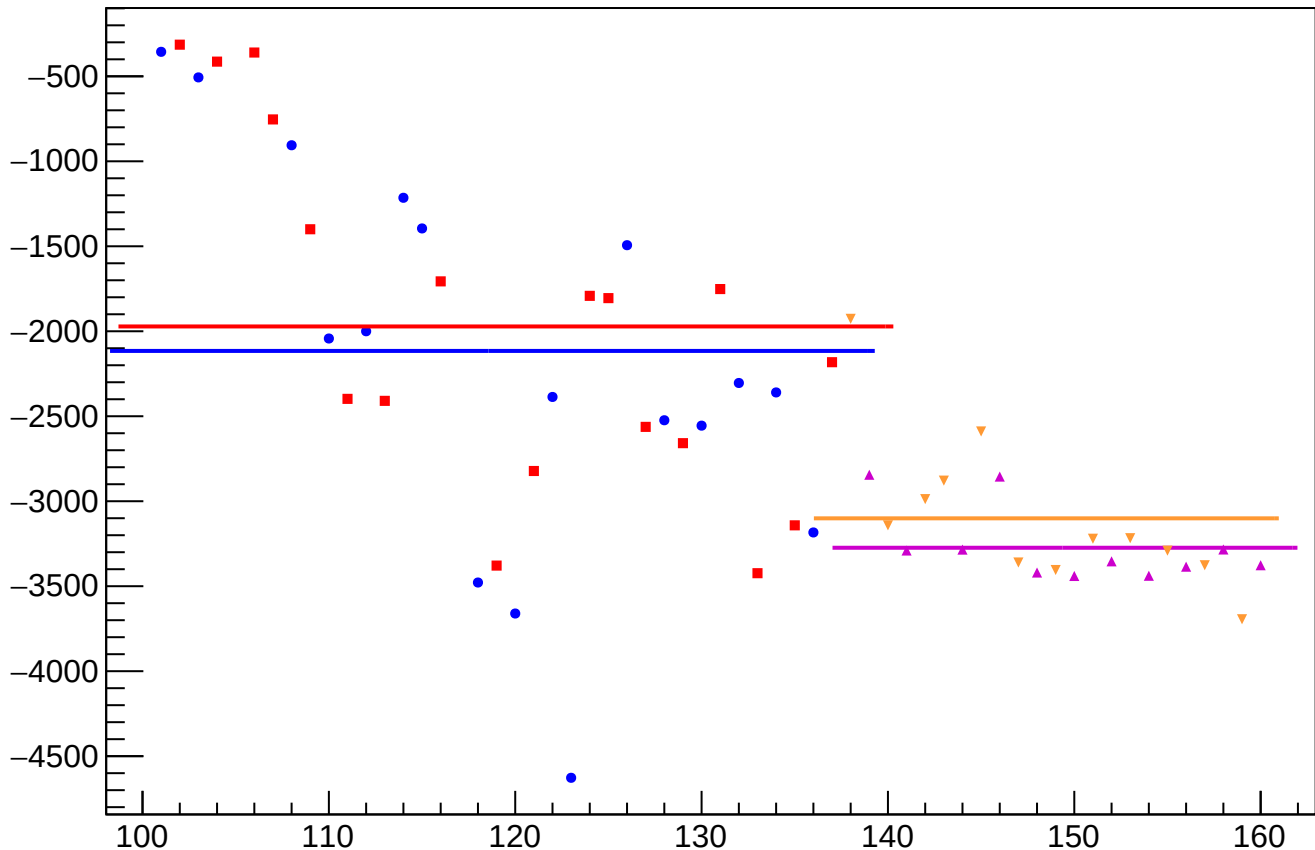
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11
 + sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 All: 1116.055+/-0.000 χ^2/NDF : 21820107896

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10
 - sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_sam8_coil6_mean vs Slug



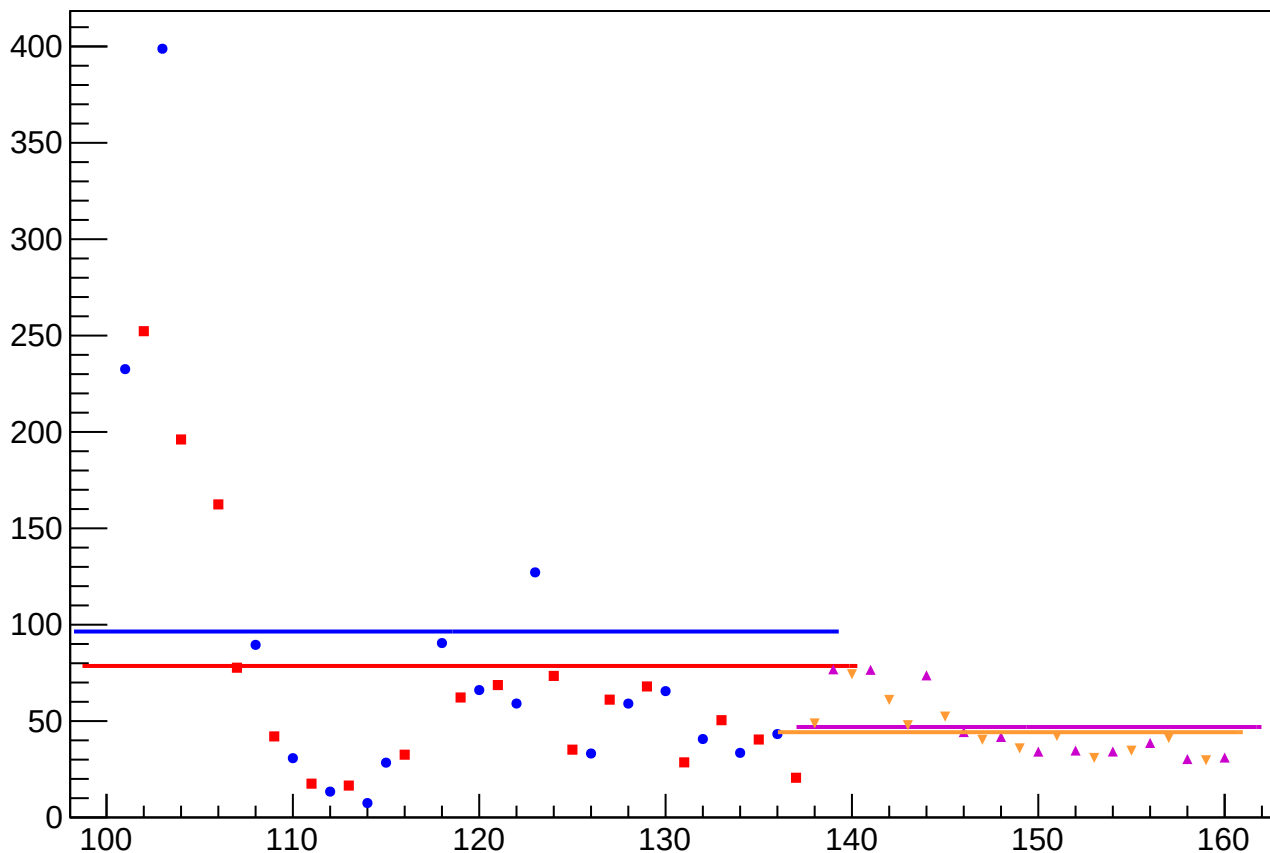
Right In: -2115.686+/-0.000	χ^2/NDF : 754451931643030128758883529777223827456.0/16
Left Out: -3100.691+/-0.000	χ^2/NDF : 183916401222864919809075393490919096320.0/11
Right Out: -1971.716+/-0.000	χ^2/NDF : 778865201263461024769541360998730956800.0/17
Left In: -3273.761+/-0.000	χ^2/NDF : 38674829040753317782722595133075750912.0/10

+ sign -2674.244+/-0.000 χ^2/NDF : 1320195564662

All: -2691.790+/-0.000 χ^2/NDF : 2824958696

- sign -2708.857+/-0.000 χ^2/NDF : 15037896389045

dit_sam8_coil6_err_mean vs Slug



Right In: 96.465+/-0.000 χ^2/NDF : 7977727256930133620372701565161570304.0/16

Left Out: 44.236+/-0.000 χ^2/NDF : 142258955441054075250551696151019520.0/11

Right Out: 78.600+/-0.000 χ^2/NDF : 3499001556563234508710770672385654784.0/17

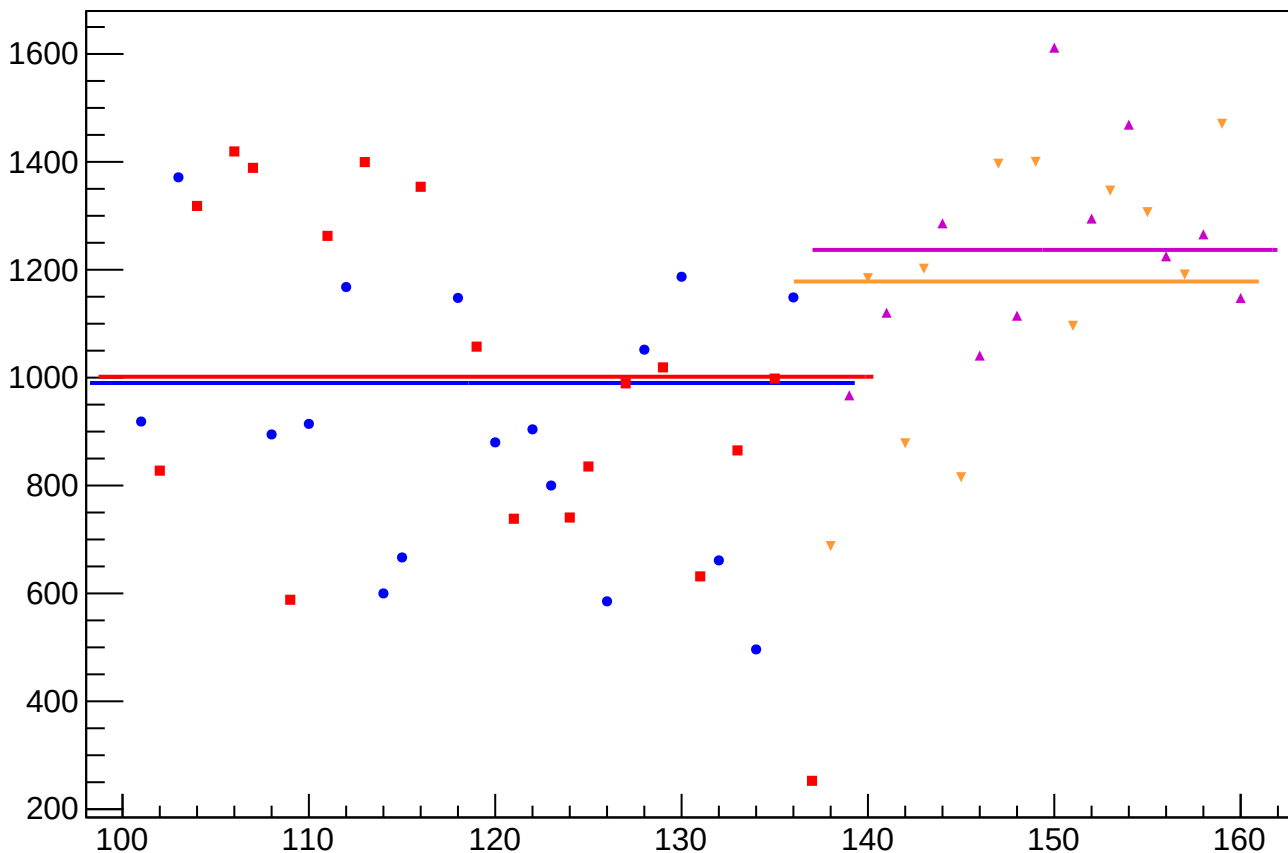
Left In: 46.934+/-0.000 χ^2/NDF : 304947612143078258069151469537329152.0/10

+ sign 66.848+/-0.000 χ^2/NDF : 9193488405718149

All: 63.717+/-0.000 χ^2/NDF : 1343431065119

- sign 60.672+/-0.000 χ^2/NDF : 4209832838223490

dit_sam8_coil6_Ndata_mean vs Slug



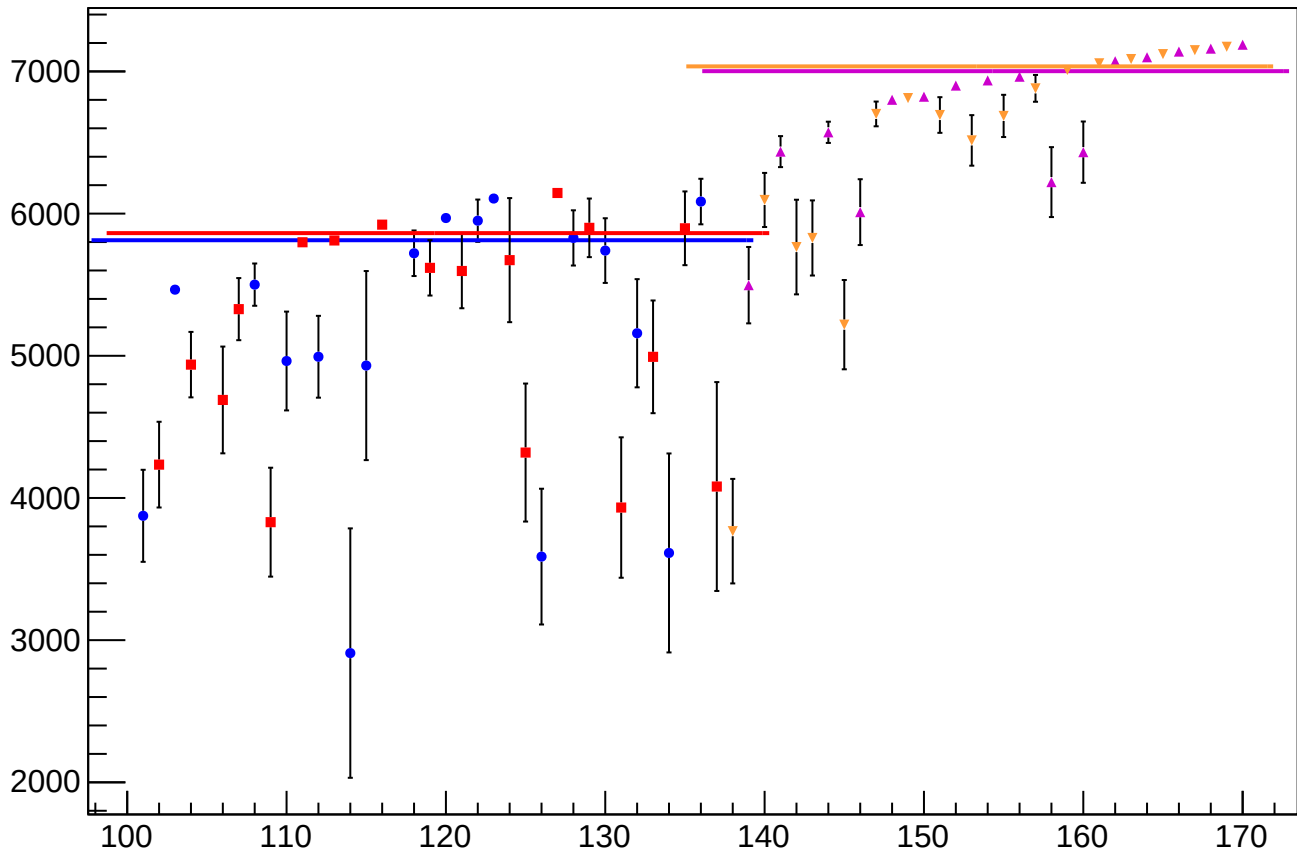
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_run_mean vs Slug



Right In: 5812.740 ± 0.171 $\chi^2/\text{NDF}: 2217854.6/16$

Left Out: 7035.490 ± 0.156 $\chi^2/\text{NDF}: 809527.8/16$

Right Out: 5862.788 ± 0.139 $\chi^2/\text{NDF}: 199291.9/17$

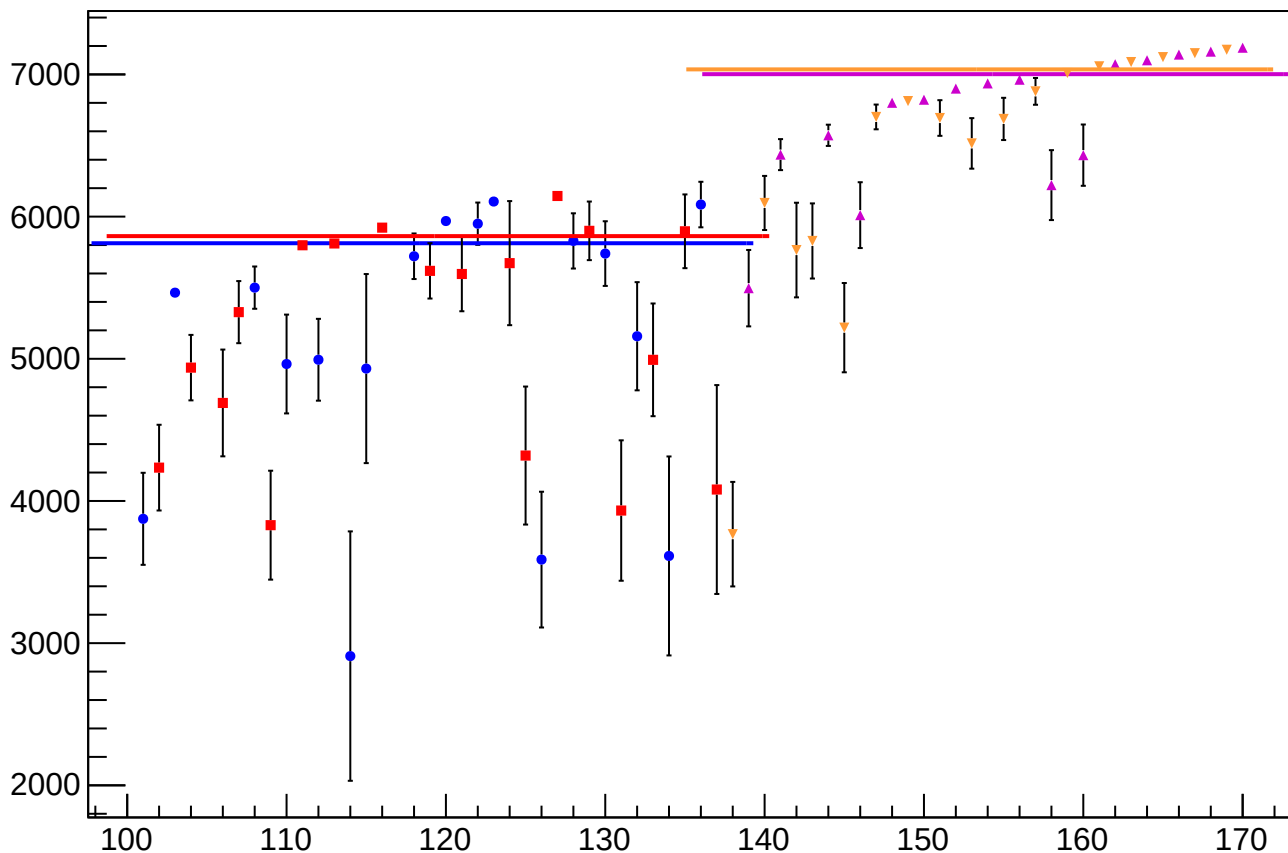
Left In: 7001.833 ± 0.126 $\chi^2/\text{NDF}: 1324782.8/15$

+ sign 6477.326 ± 0.115 $\chi^2/\text{NDF}: 30958034.6/33$

All: 6484.775 ± 0.073 $\chi^2/\text{NDF}: 69313964.2/6$

- sign 6489.666 ± 0.093 $\chi^2/\text{NDF}: 38349008.5/33$

dit_run_rms vs Slug



Right In: 5812.740 $\pm$ 0.171 χ^2 /NDF: 2217854.6/16

Left Out: 7035.490 $\pm$ 0.156 χ^2 /NDF: 809527.8/16

Right Out: 5862.788 $\pm$ 0.139 χ^2 /NDF: 199291.9/17

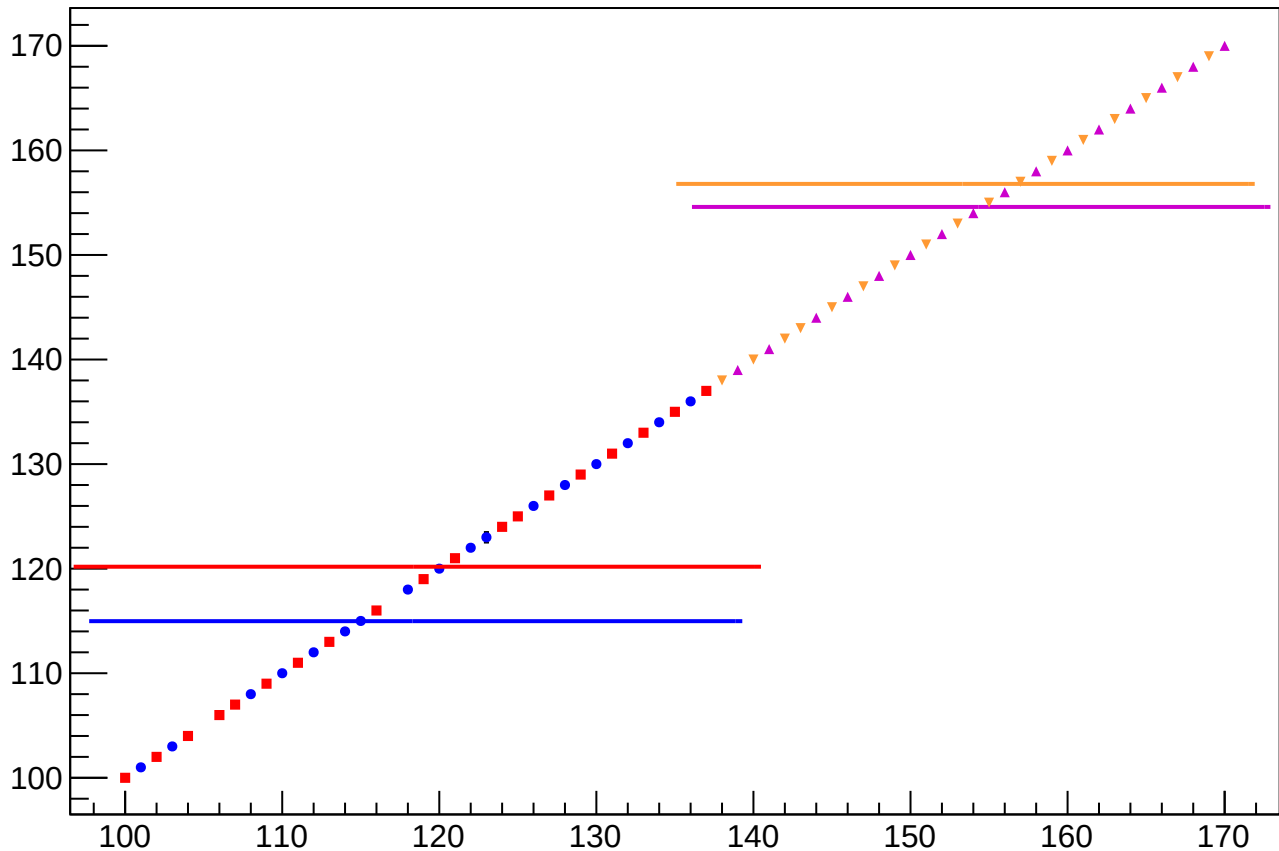
Left In: 7001.833 $\pm$ 0.126 χ^2 /NDF: 1324782.8/15

+ sign 6477.326 $\pm$ 0.115 χ^2 /NDF: 30958034.6/33

All: 6484.775 $\pm$ 0.073 χ^2 /NDF: 69313964.2/6

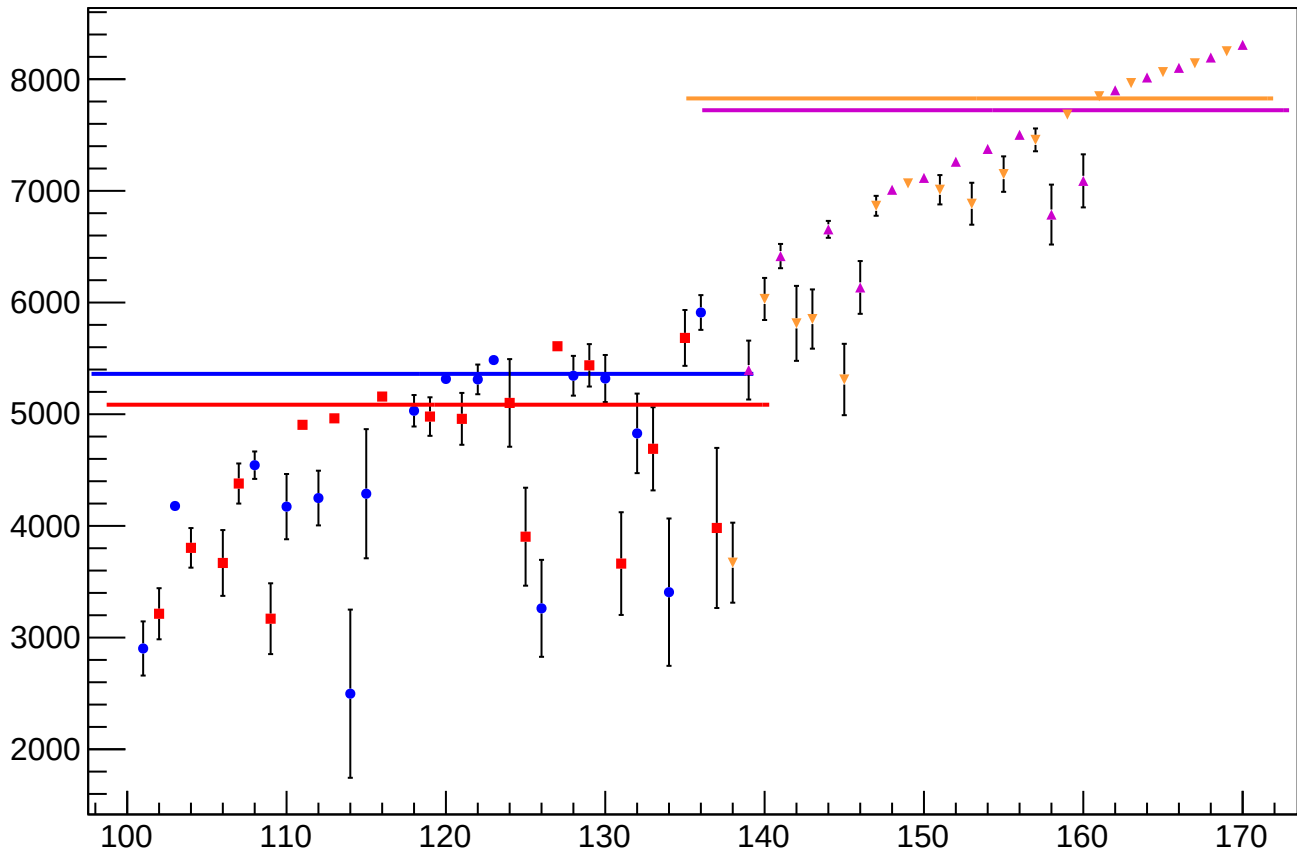
- sign 6489.666 $\pm$ 0.093 χ^2 /NDF: 38349008.5/33

dit_slug_slope vs Slug



Right In: 114.980 $\pm$ 0.000 χ^2 /NDF: 112344936246012934714934440230912.0/16
 Left Out: 156.796 $\pm$ 0.000 χ^2 /NDF: 59632946739739963563318678913024.0/16
 Right Out: 120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695528198041763840.0/18
 Left In: 154.594 $\pm$ 0.000 χ^2 /NDF: 32593298913636077691501700710400.0/15

dit_cyclenum_mean vs Slug



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 7827.625 $\pm$ 0.625 χ^2 /NDF: 405530.4/16

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

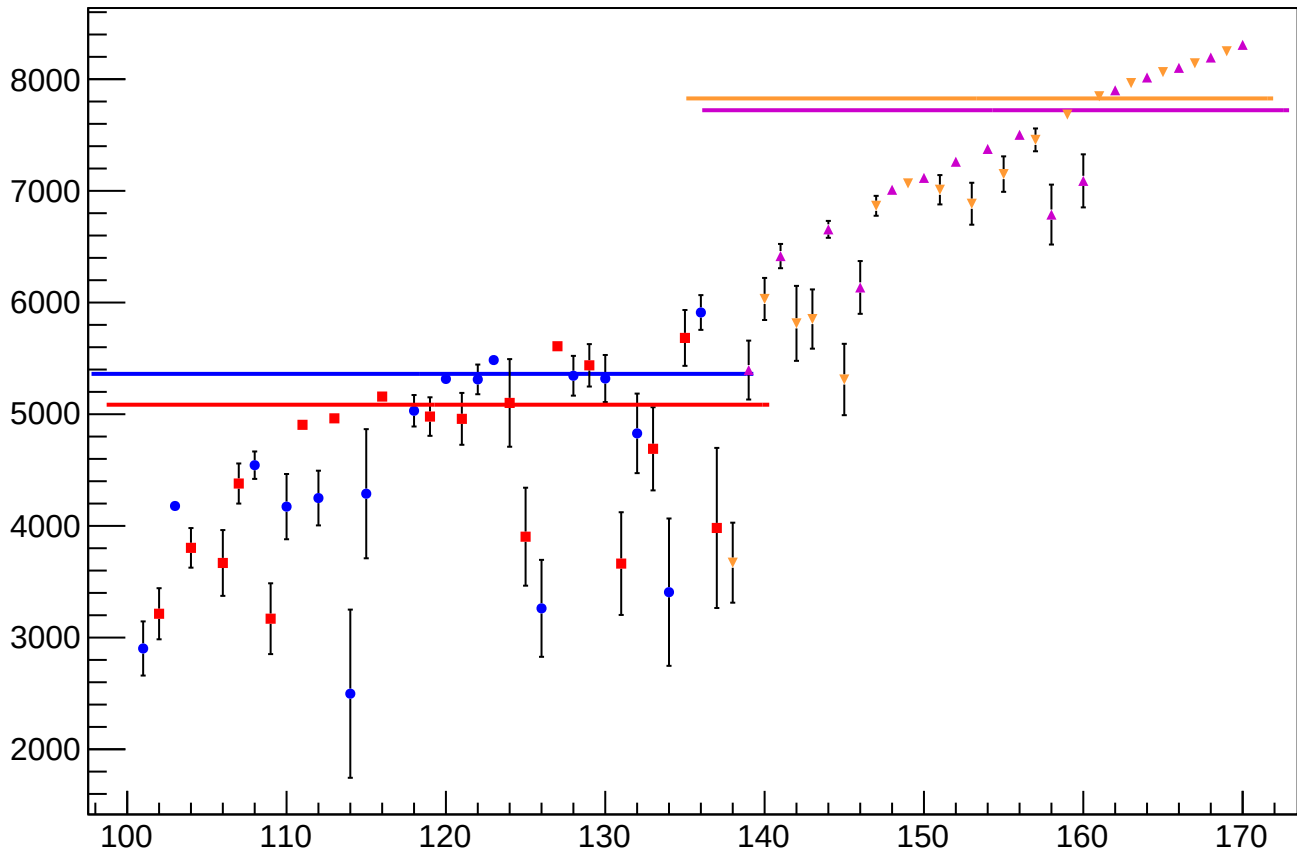
Left In: 7722.016 $\pm$ 0.517 χ^2 /NDF: 787865.4/15

+ sign 6181.365 $\pm$ 0.361 χ^2 /NDF: 11399042.7/33

All: 6406.674 $\pm$ 0.269 χ^2 /NDF: 23346781.8/6

- sign 6688.258 $\pm$ 0.403 χ^2 /NDF: 11069167.8/33

dit_cyclenum_rms vs Slug



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 7827.625 $\pm$ 0.625 χ^2 /NDF: 405530.4/16

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

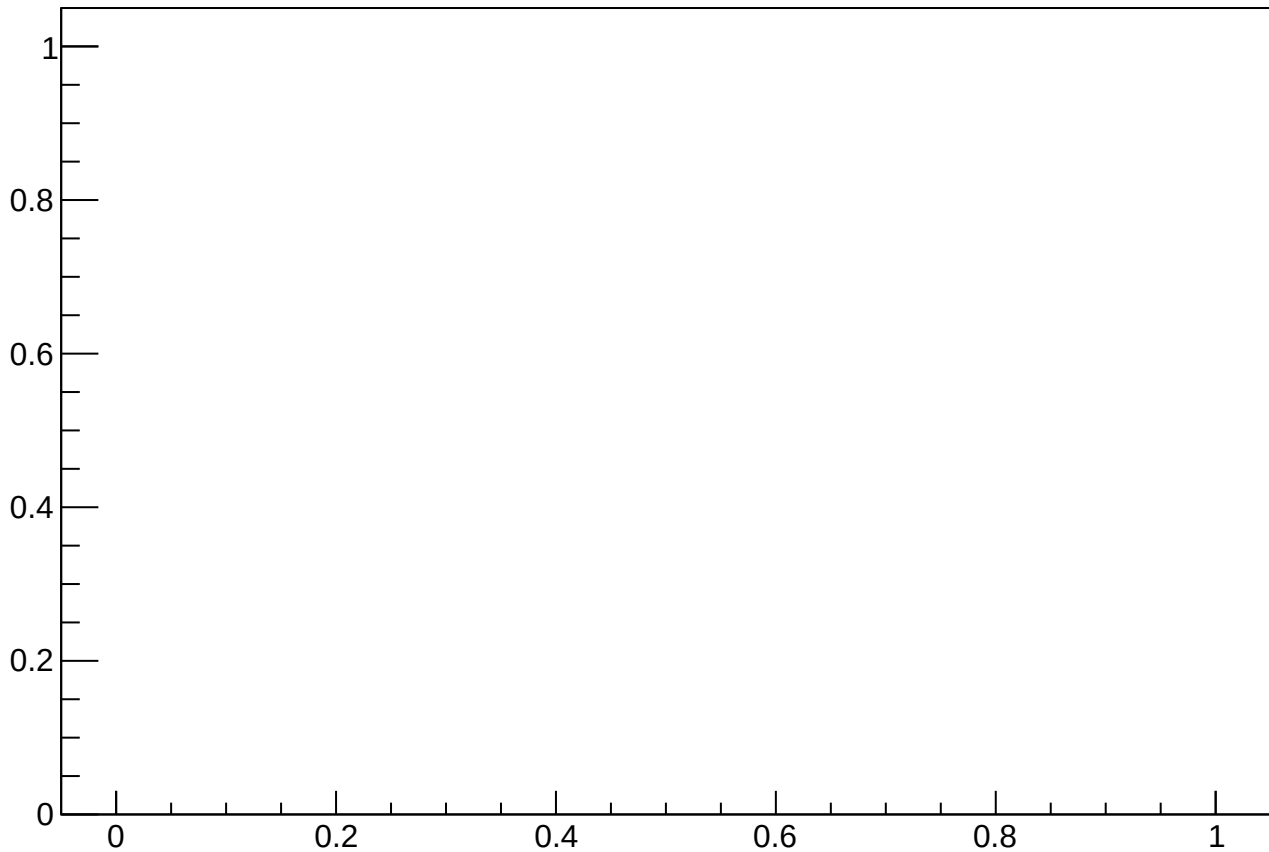
Left In: 7722.016 $\pm$ 0.517 χ^2 /NDF: 787865.4/15

+ sign 6181.365 $\pm$ 0.361 χ^2 /NDF: 11399042.7/33

All: 6406.674 $\pm$ 0.269 χ^2 /NDF: 23346781.8/6

- sign 6688.258 $\pm$ 0.403 χ^2 /NDF: 11069167.8/33

dit_scandata1_mean vs Slug



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

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

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

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

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

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

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

dit_scandata1_rms vs Slug



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

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

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

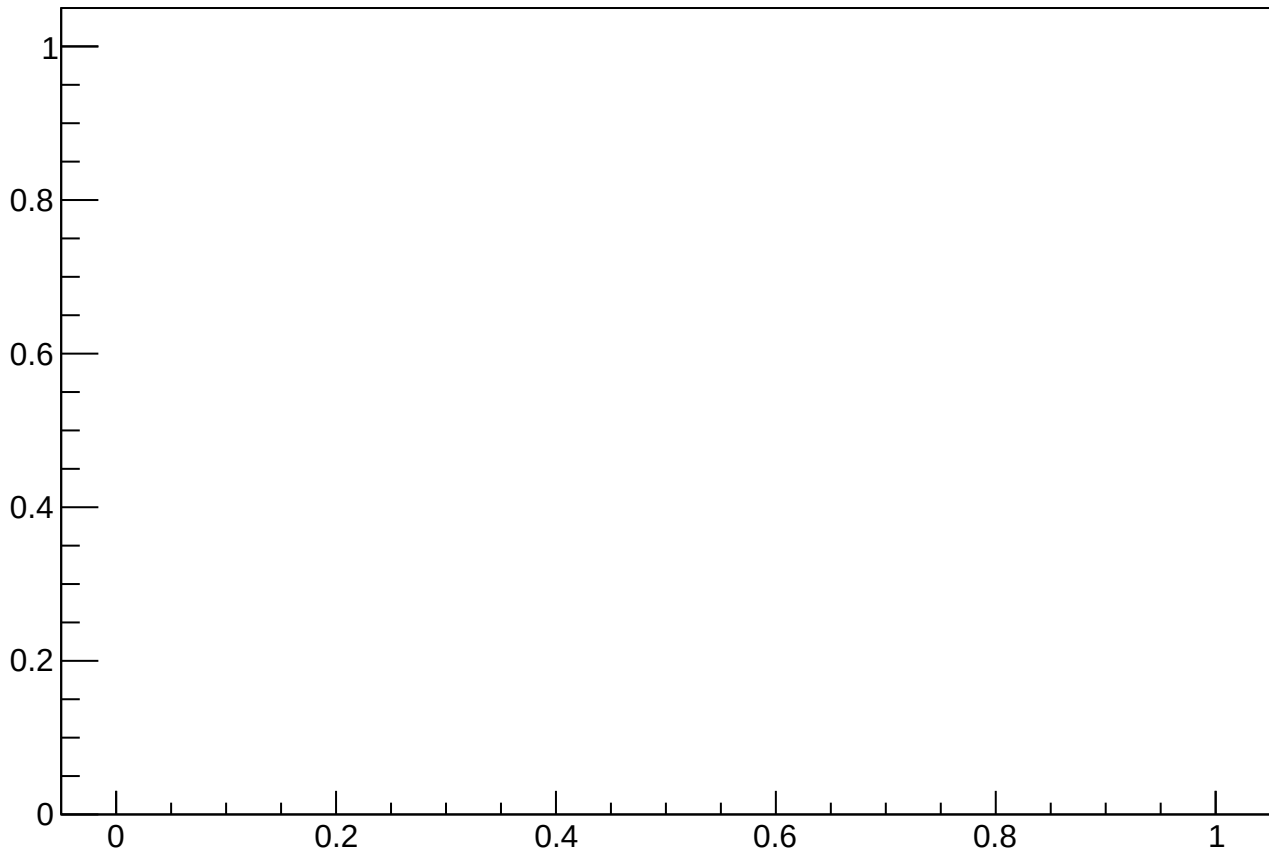
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_mean vs Slug



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

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

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

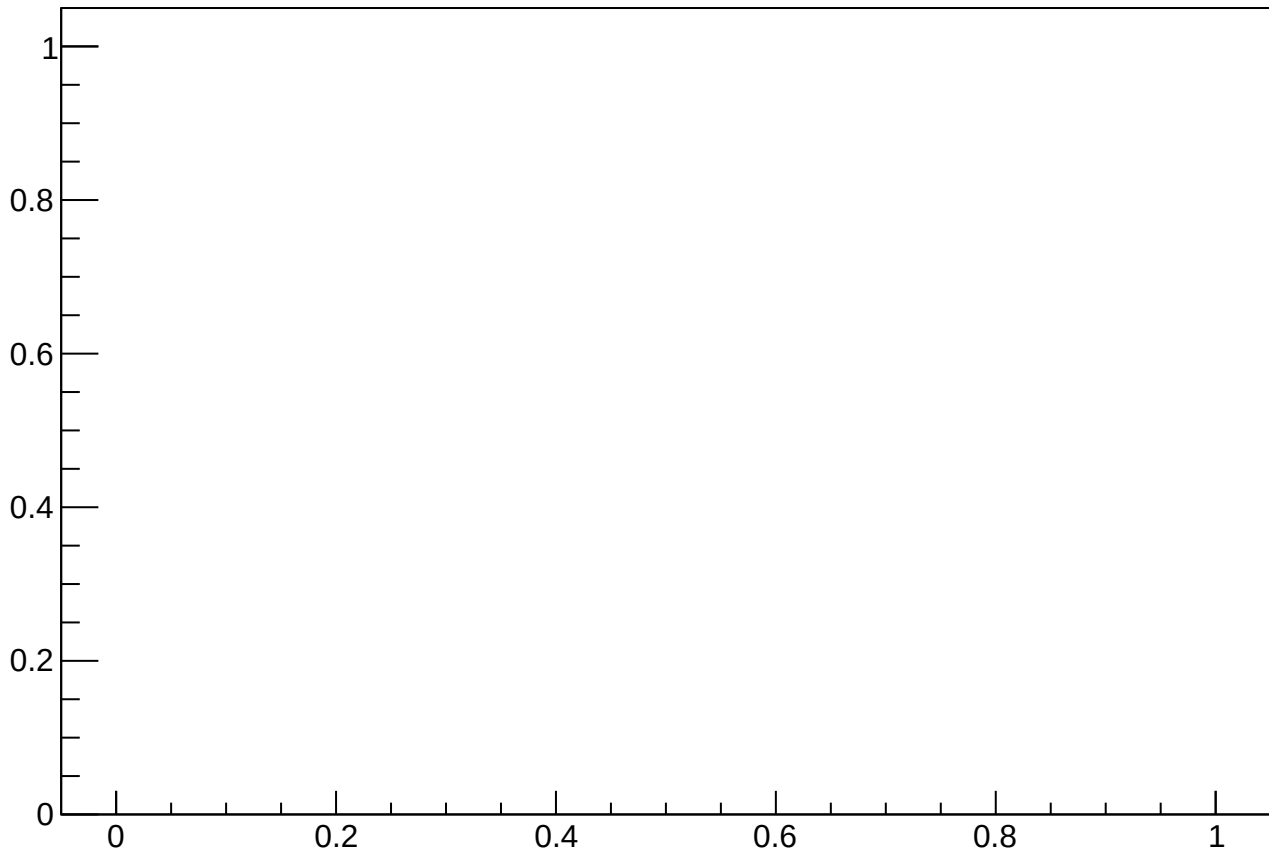
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_rms vs Slug



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

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

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

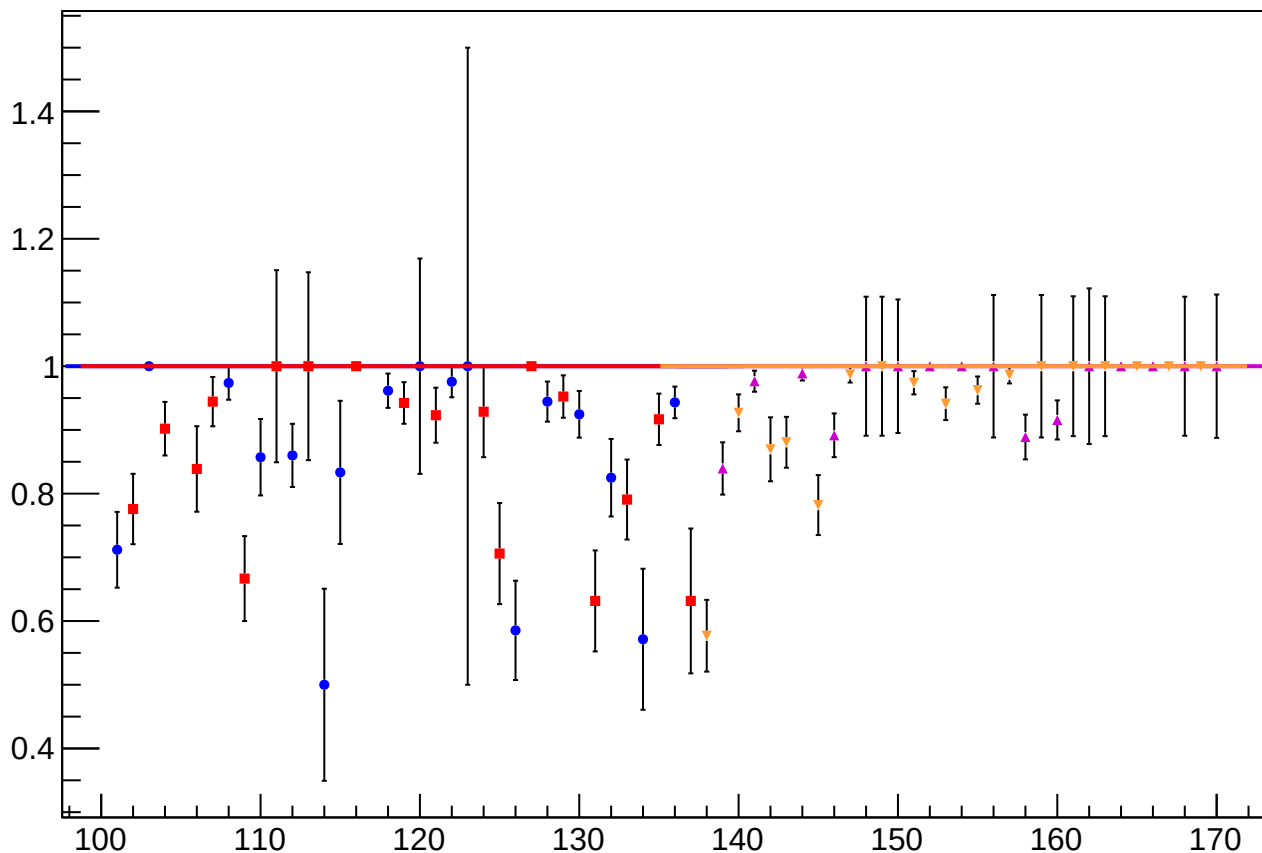
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 118.6/16

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:171.4/16

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 192.3/17

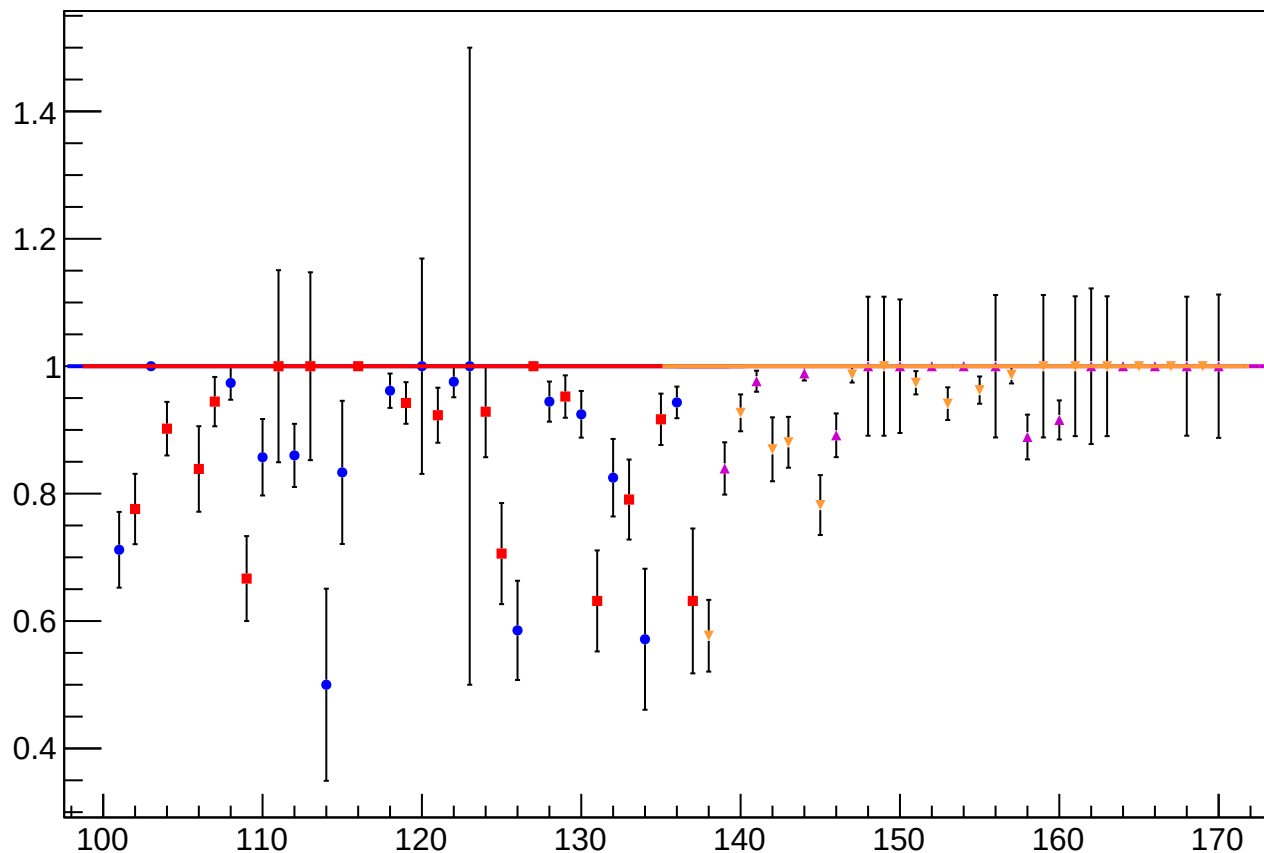
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/15

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 401.9/33

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1429.1/67

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 541.4/33

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 118.6/16

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:171.4/16

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 192.3/17

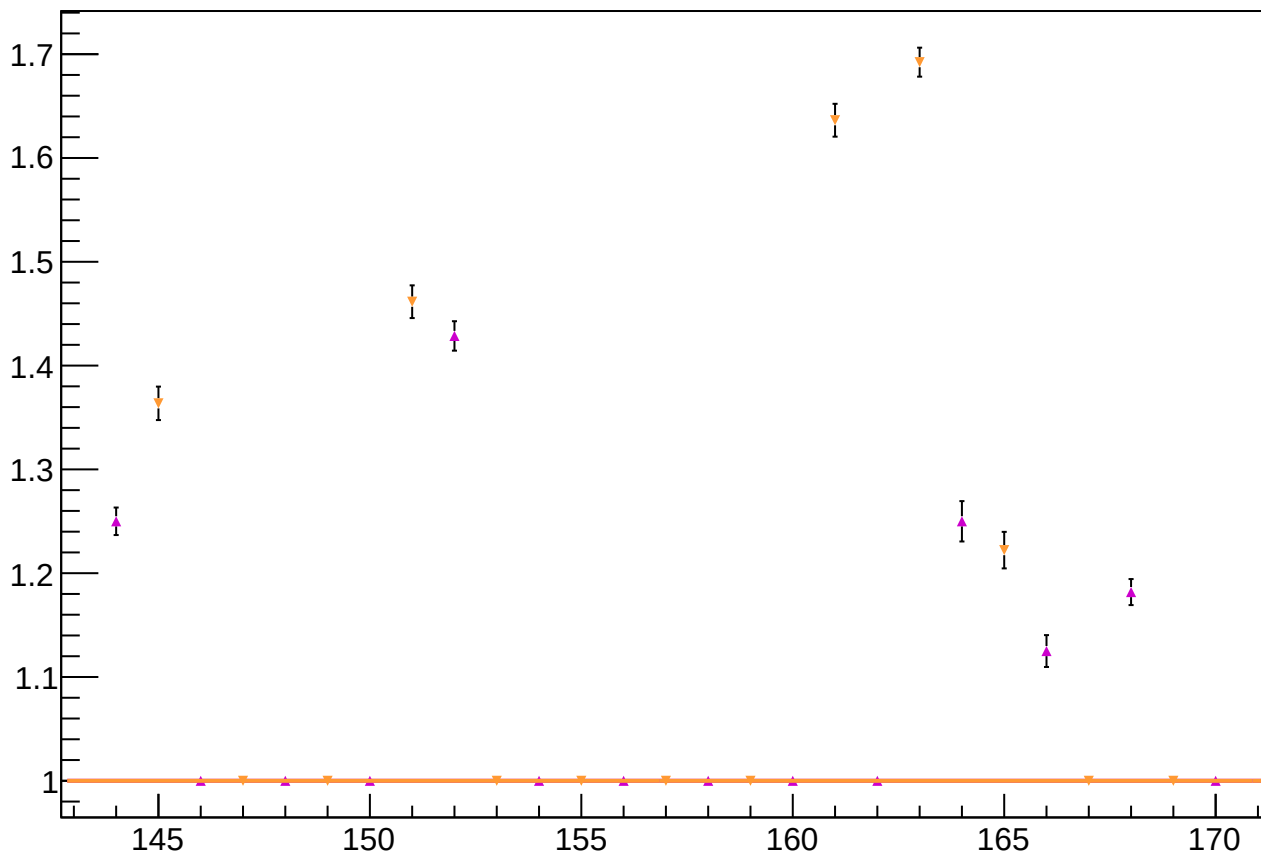
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/15

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 401.9/33

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1429.1/67

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 541.4/33

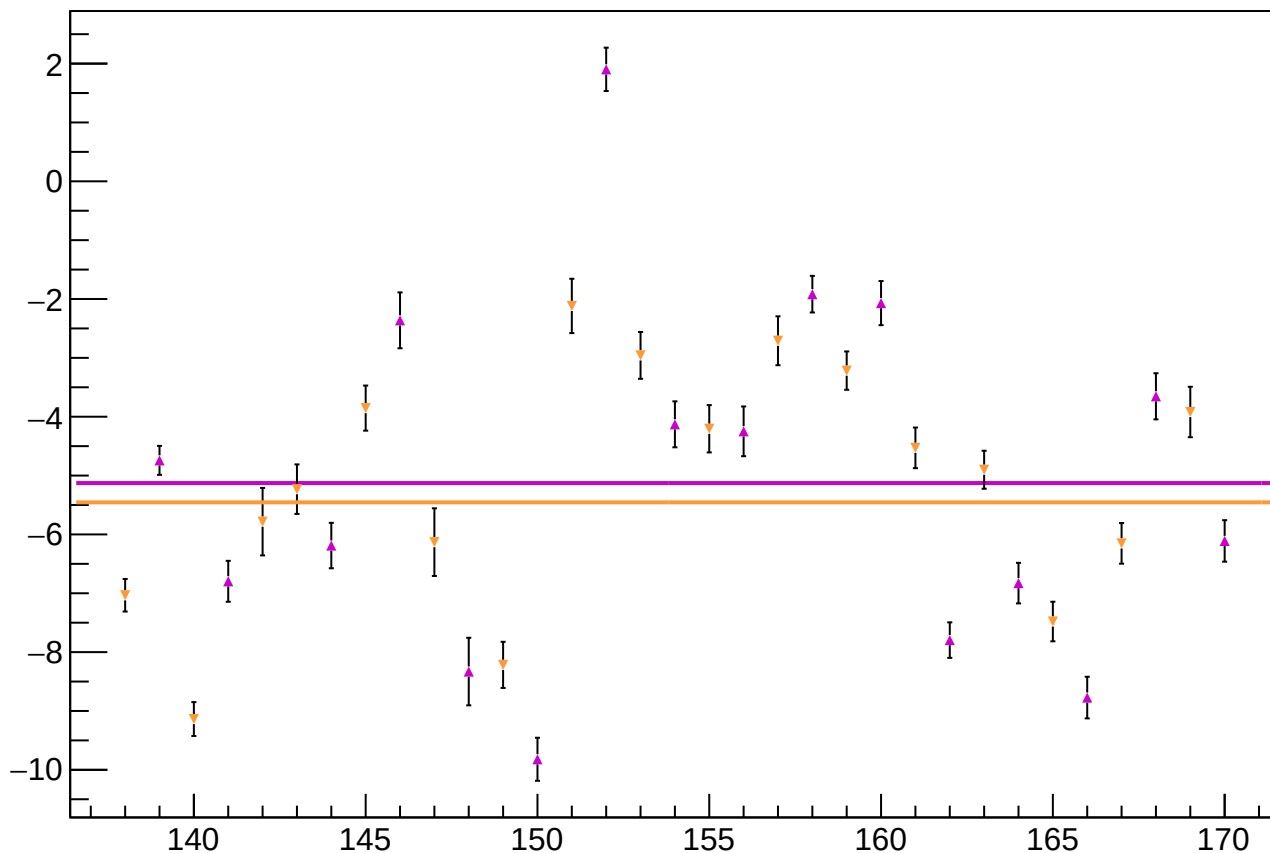
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF : 6060.3/12
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF : 2452.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 10814.3/26
- 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: -5.455+/-0.090 χ^2/NDF : 520.5/16

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

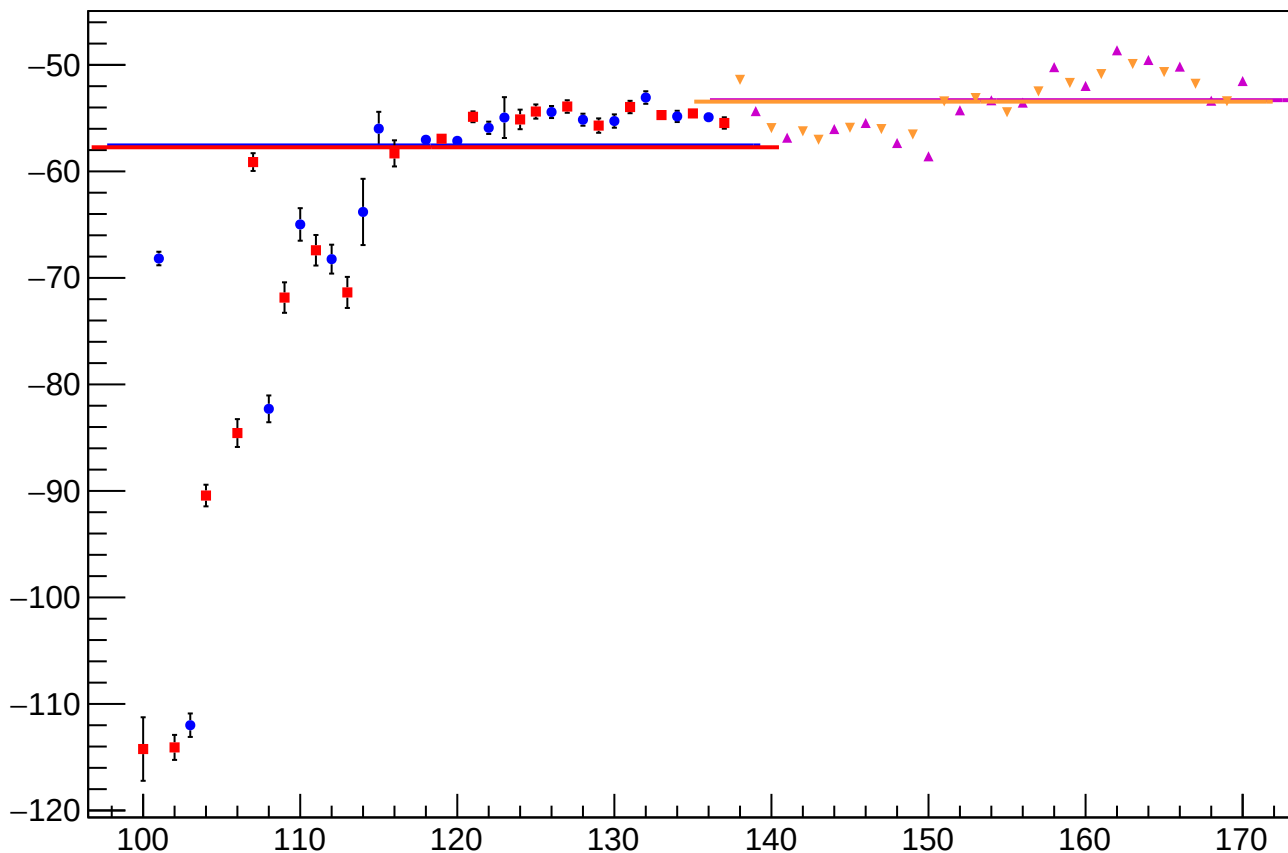
Left In: -5.127+/-0.089 χ^2/NDF : 1041.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.289+/-0.063 χ^2/NDF : 1568.9/32

- 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: -53.449 ± 0.067 χ^2/NDF : 1168.3/16

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

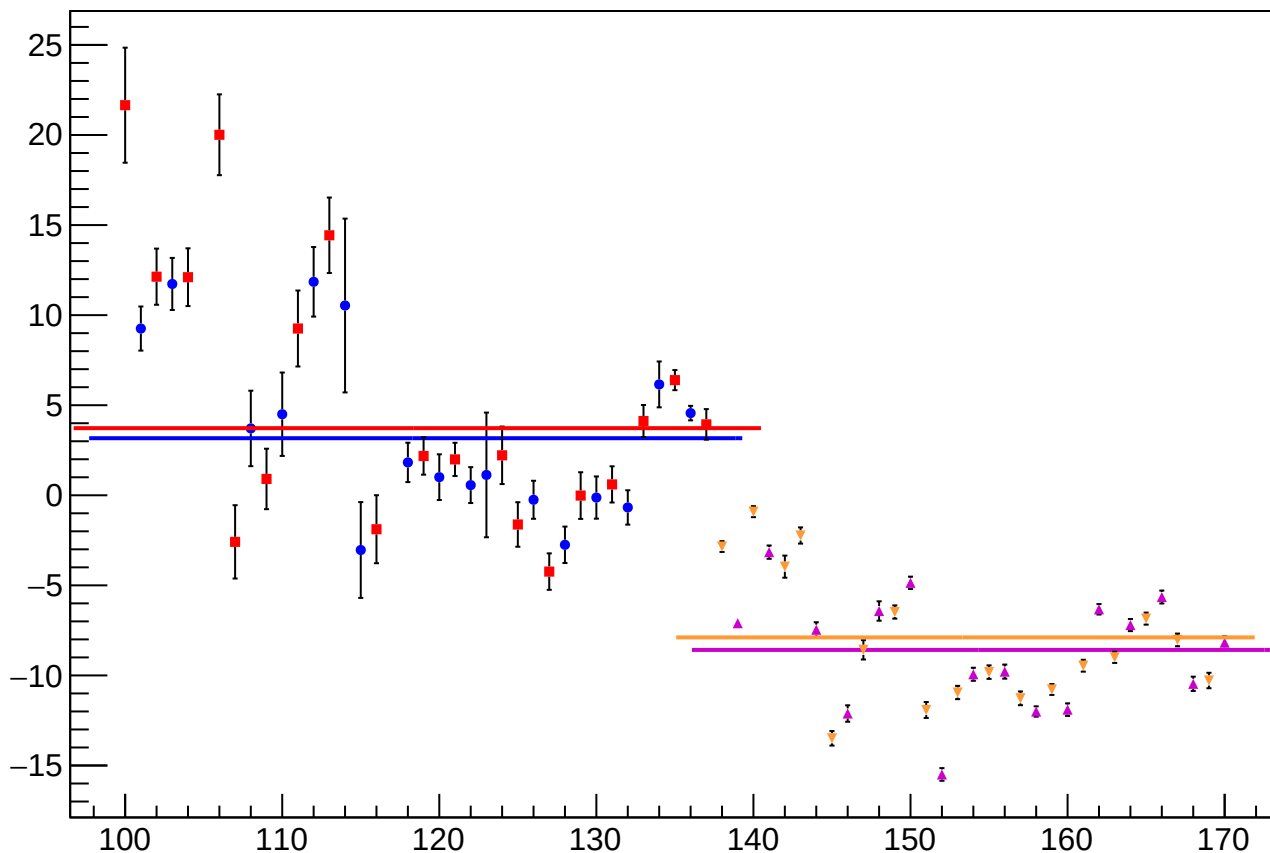
Left In: -53.312 ± 0.069 χ^2/NDF : 1921.9/15

+ sign -54.210 ± 0.061 χ^2/NDF : 5313.5/33

All: -54.179 ± 0.043 χ^2/NDF : 12710.9/68

- sign -54.146 ± 0.062 χ^2/NDF : 7396.9/34

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 $\chi^2/\text{NDF}: 186.2/16$

Left Out: -7.889 ± 0.089 $\chi^2/\text{NDF}: 1631.8/16$

Right Out: 3.726 ± 0.267 $\chi^2/\text{NDF}: 323.3/18$

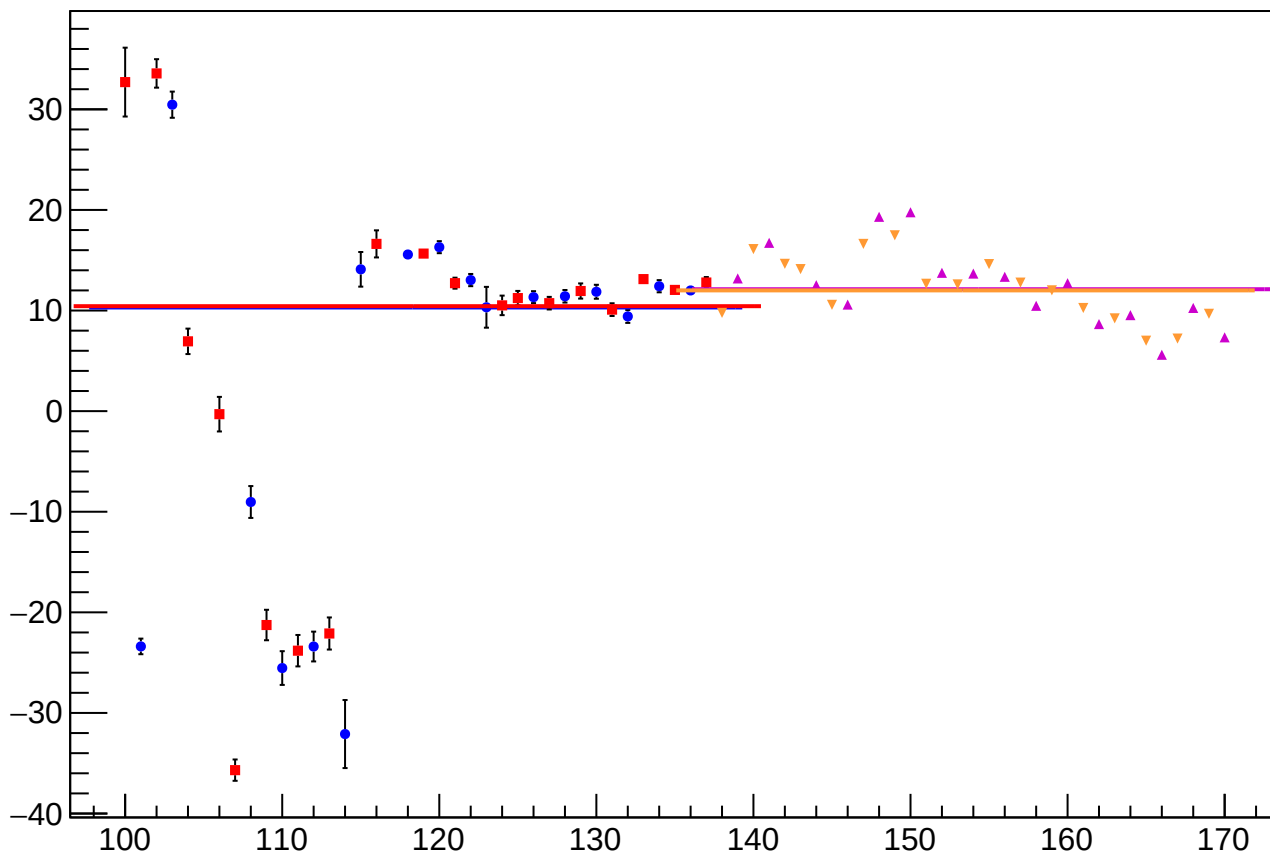
Left In: -8.584 ± 0.088 $\chi^2/\text{NDF}: 1256.5/15$

+ sign -6.706 ± 0.084 $\chi^2/\text{NDF}: 3461.6/33$

All: -7.047 ± 0.059 $\chi^2/\text{NDF}: 6990.6/68$

- sign -7.381 ± 0.083 $\chi^2/\text{NDF}: 3496.6/34$

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2 /NDF: 3712.3/16

Left Out: 12.003+/-0.077 χ^2 /NDF:1559.5/16

Right Out: 10.433+/-0.160 χ^2 /NDF: 3828.5/18

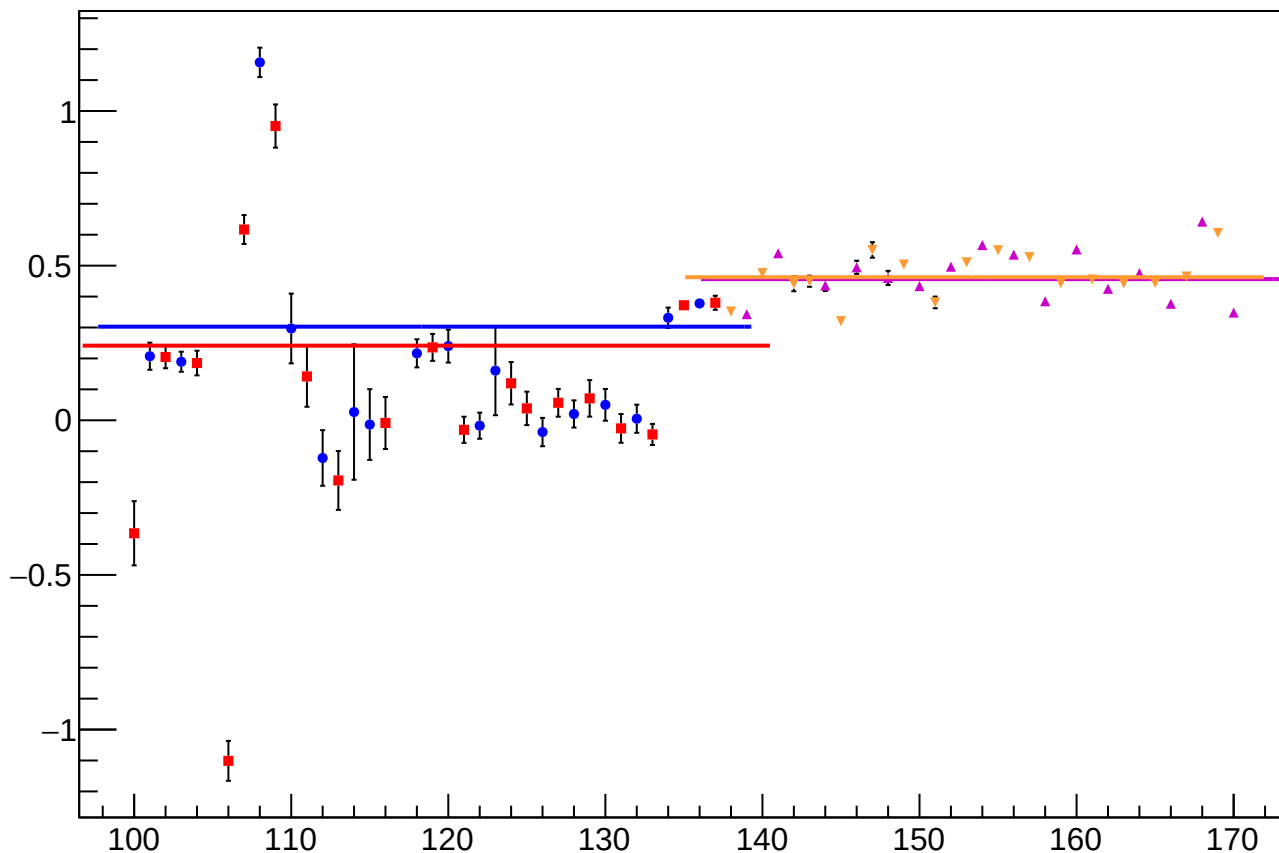
Left In: 12.119+/-0.077 χ^2 /NDF:2342.1/15

+ sign 11.677+/-0.069 χ^2 /NDF: 5366.5/33

All: 11.737+/-0.049 χ^2 /NDF: 11628.7/68

- sign 11.799+/-0.070 χ^2 /NDF: 6260.7/34

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF : 646.6/16

Left Out: 0.463+/-0.003 χ^2/NDF : 385.6/16

Right Out: 0.241+/-0.008 χ^2/NDF : 986.7/18

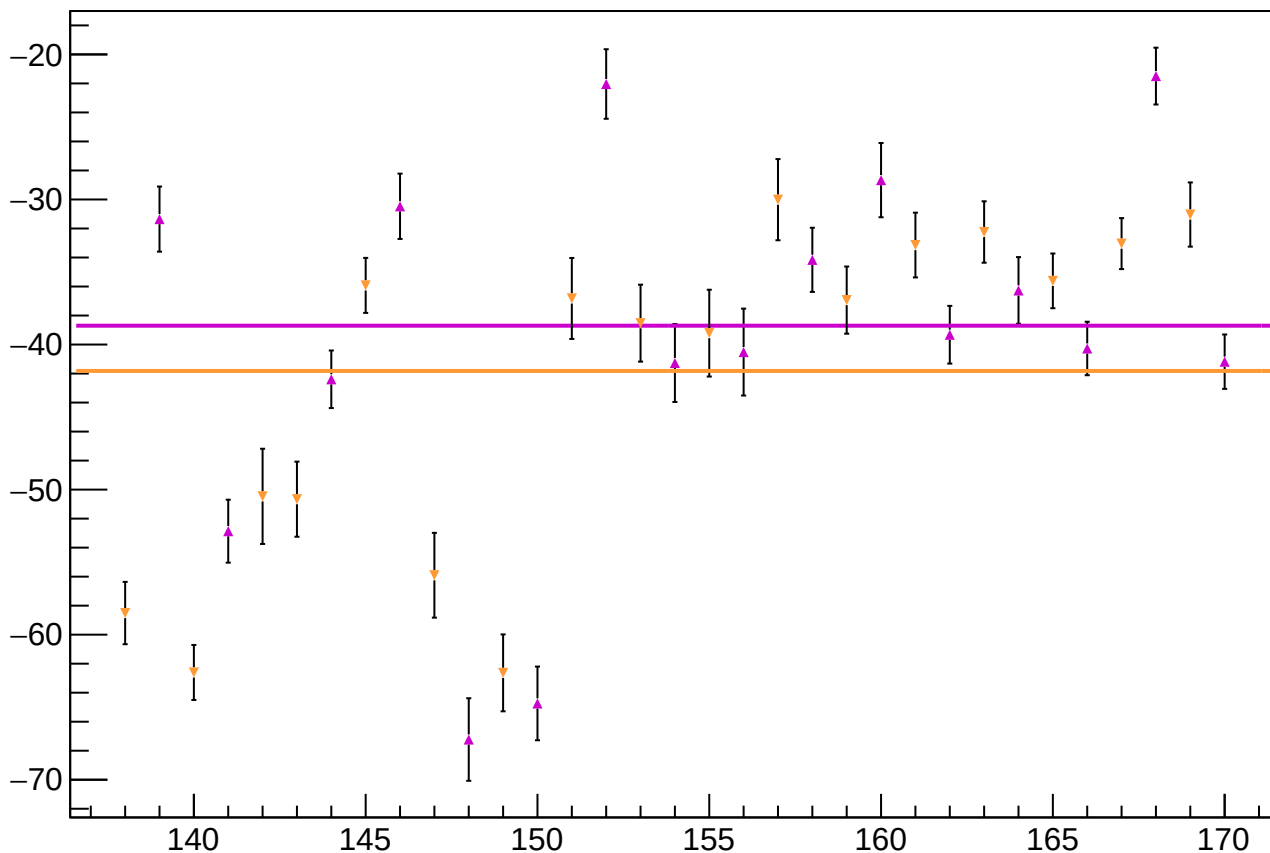
Left In: 0.456+/-0.003 χ^2/NDF : 668.6/15

+ sign 0.438+/-0.003 χ^2/NDF : 1355.4/33

All: 0.433+/-0.002 χ^2/NDF : 3571.5/68

- sign 0.427+/-0.003 χ^2/NDF : 2209.7/34

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -41.820 $\pm$ 0.559 χ^2/NDF : 416.7/16

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

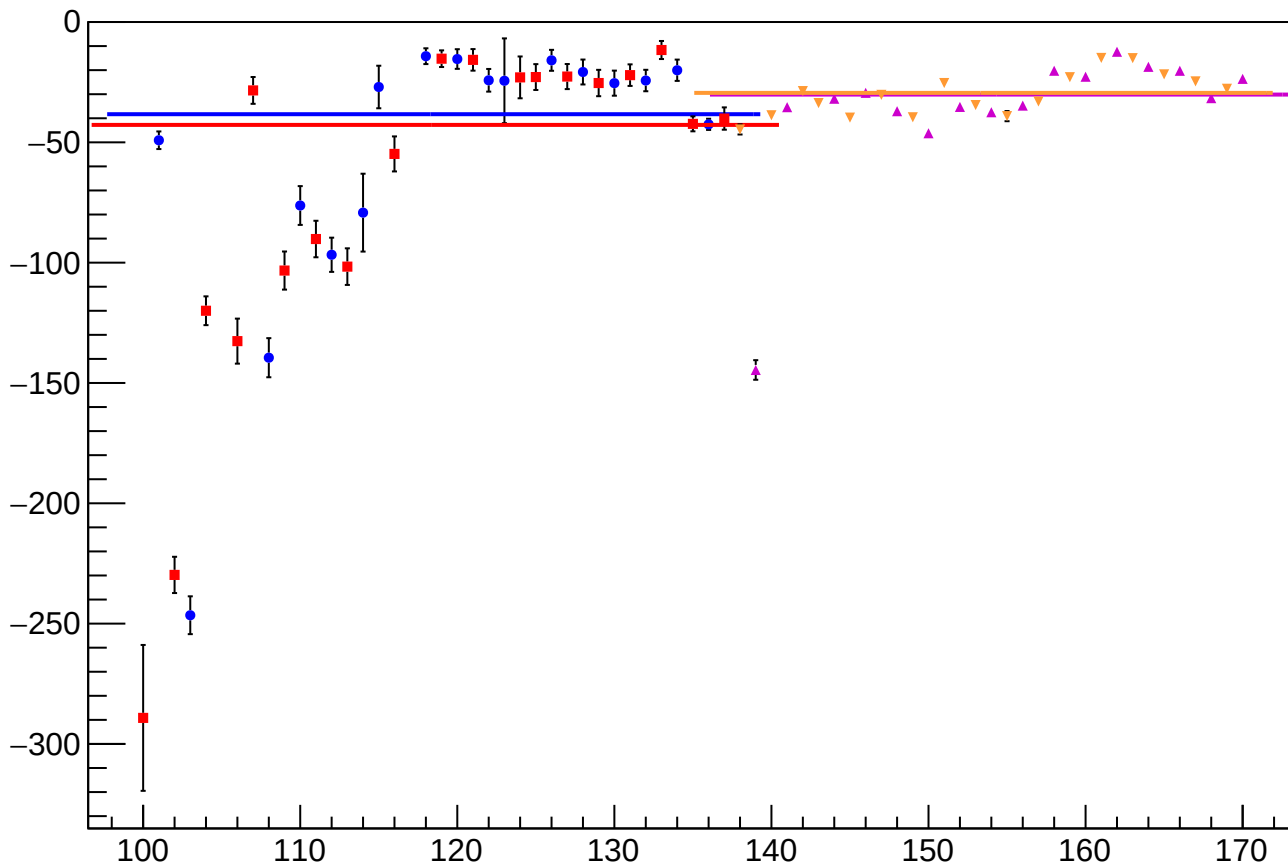
Left In: -38.700 $\pm$ 0.559 χ^2/NDF : 425.9/15

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

All: -40.260 $\pm$ 0.395 χ^2/NDF : 858.2/32

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

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -29.448 ± 0.406 $\chi^2/\text{NDF}: 431.4/16$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

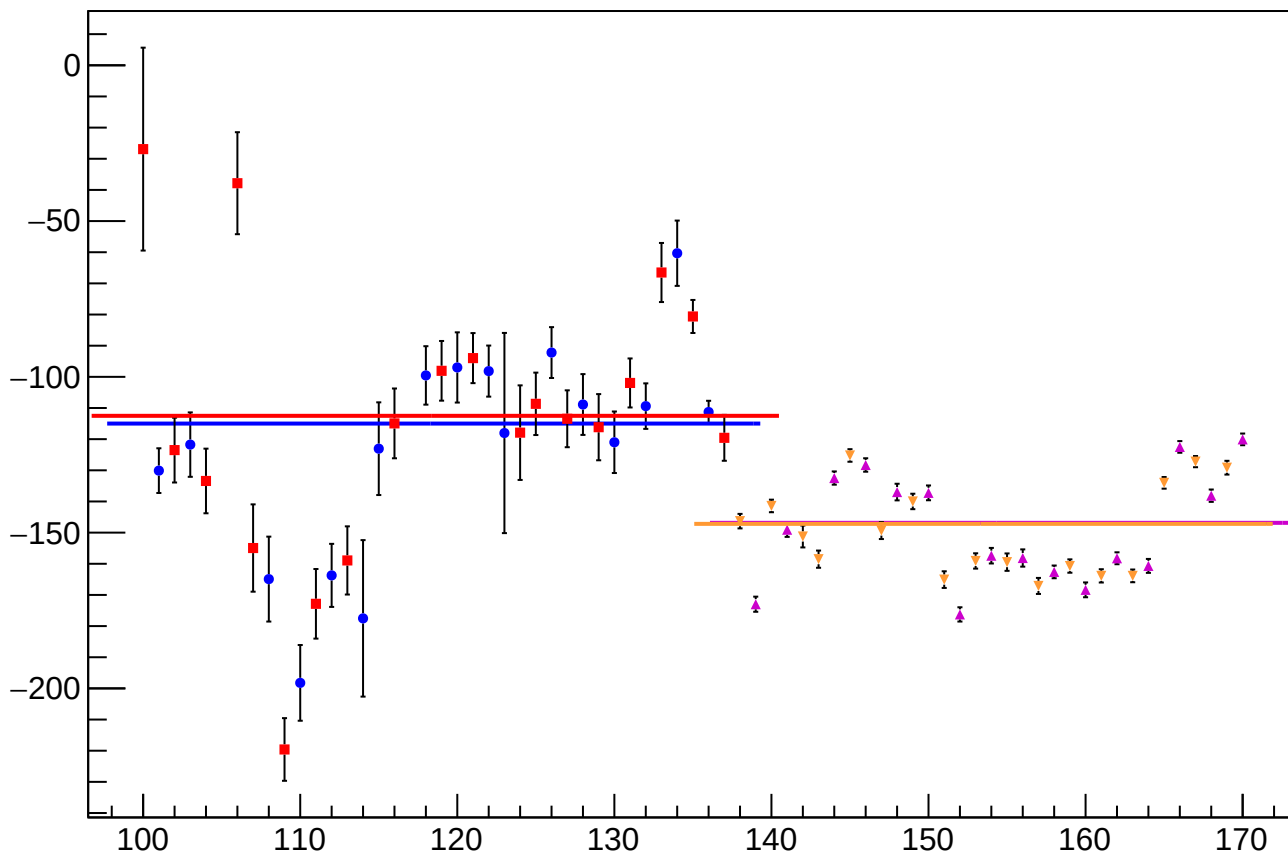
Left In: -30.155 ± 0.412 $\chi^2/\text{NDF}: 1227.2/15$

+ sign -30.451 ± 0.383 $\chi^2/\text{NDF}: 1617.9/33$

All: -30.947 ± 0.273 $\chi^2/\text{NDF}: 4287.2/68$

- sign -31.462 ± 0.390 $\chi^2/\text{NDF}: 2665.9/34$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -147.189 ± 0.555 $\chi^2/\text{NDF}: 708.6/16$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

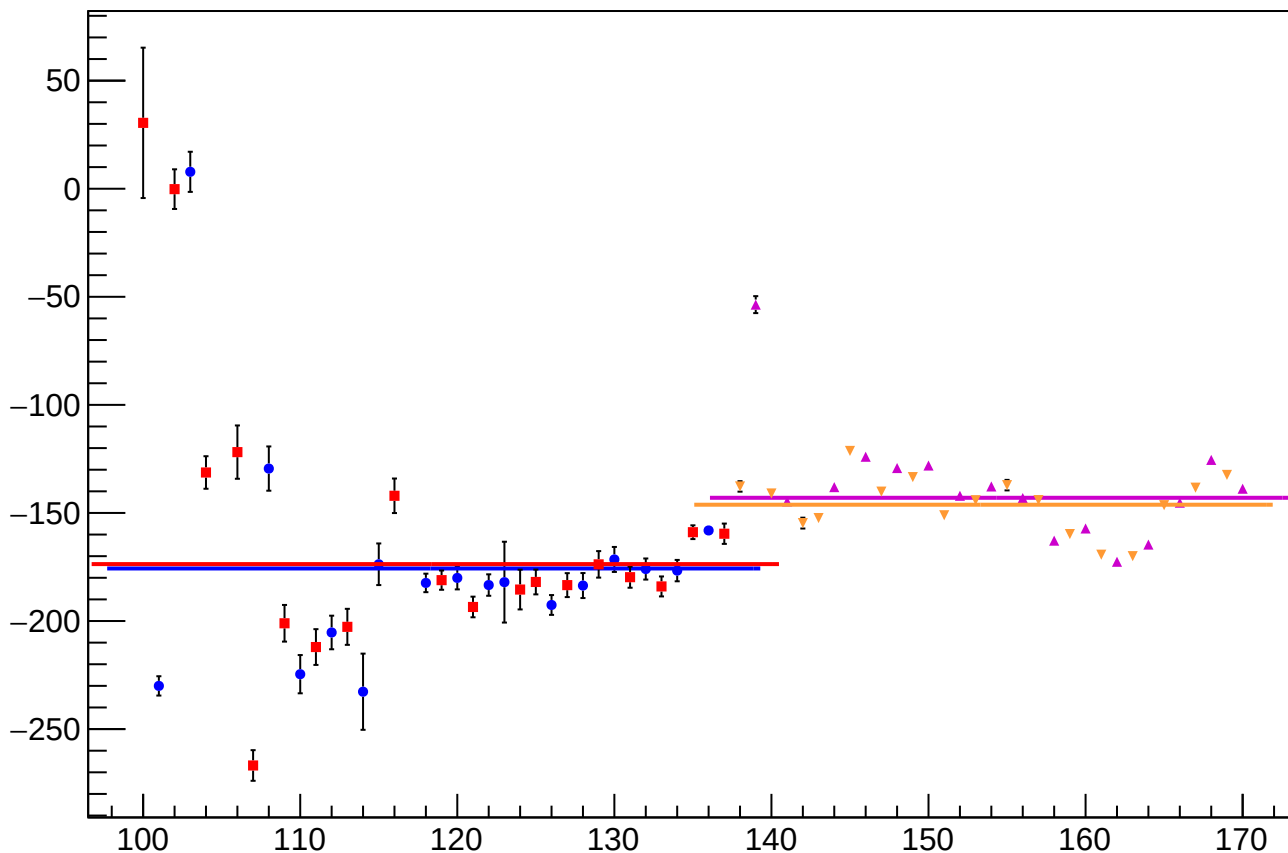
Left In: -146.857 ± 0.550 $\chi^2/\text{NDF}: 1072.0/15$

+ sign -145.033 ± 0.536 $\chi^2/\text{NDF}: 1075.6/33$

All: -144.940 ± 0.378 $\chi^2/\text{NDF}: 2648.8/68$

- sign -144.847 ± 0.534 $\chi^2/\text{NDF}: 1573.2/34$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -146.195 ± 0.467 χ^2/NDF : 848.6/16

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

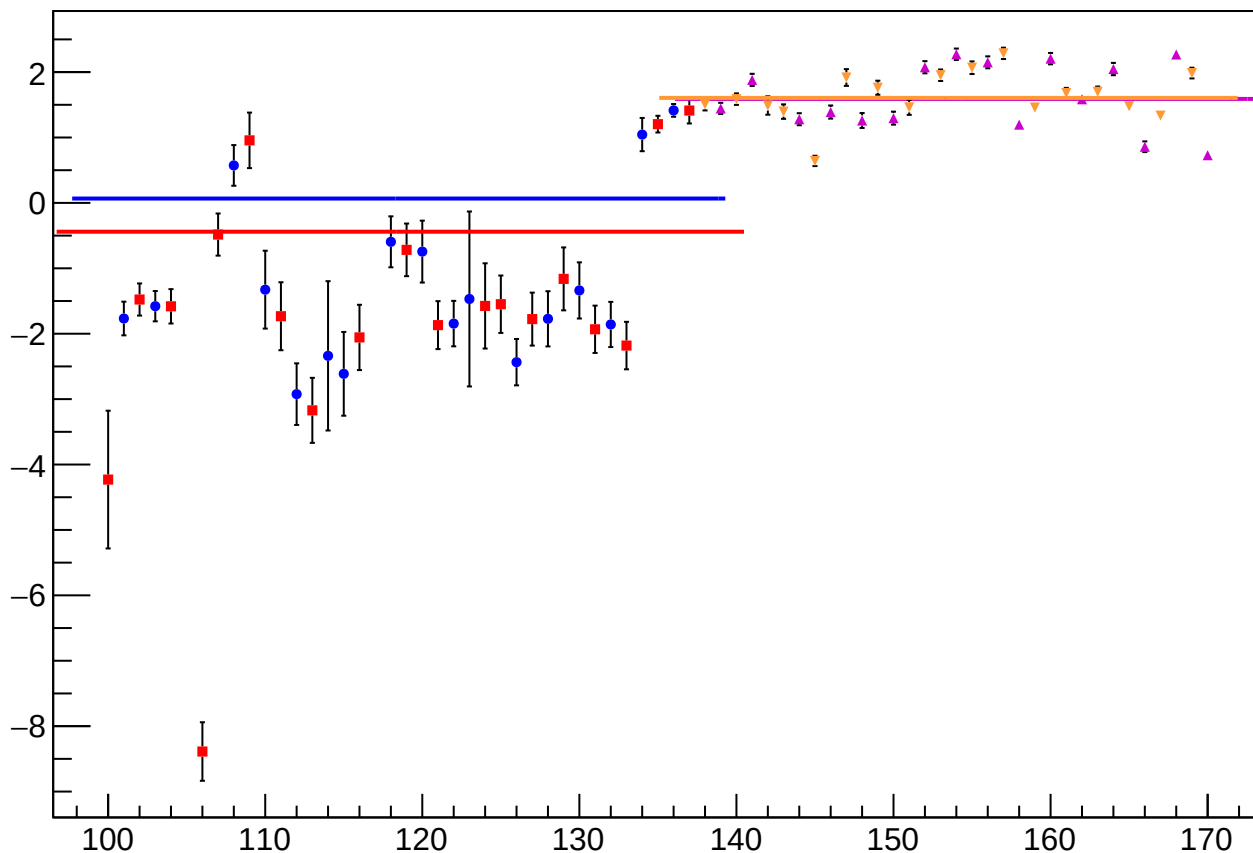
Left In: -142.988 ± 0.472 χ^2/NDF : 1497.9/15

+ sign -149.720 ± 0.438 χ^2/NDF : 2018.4/33

All: -148.037 ± 0.312 χ^2/NDF : 4740.8/68

- sign -146.298 ± 0.445 χ^2/NDF : 2692.3/34

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.605 ± 0.022 χ^2/NDF : 307.2/16

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

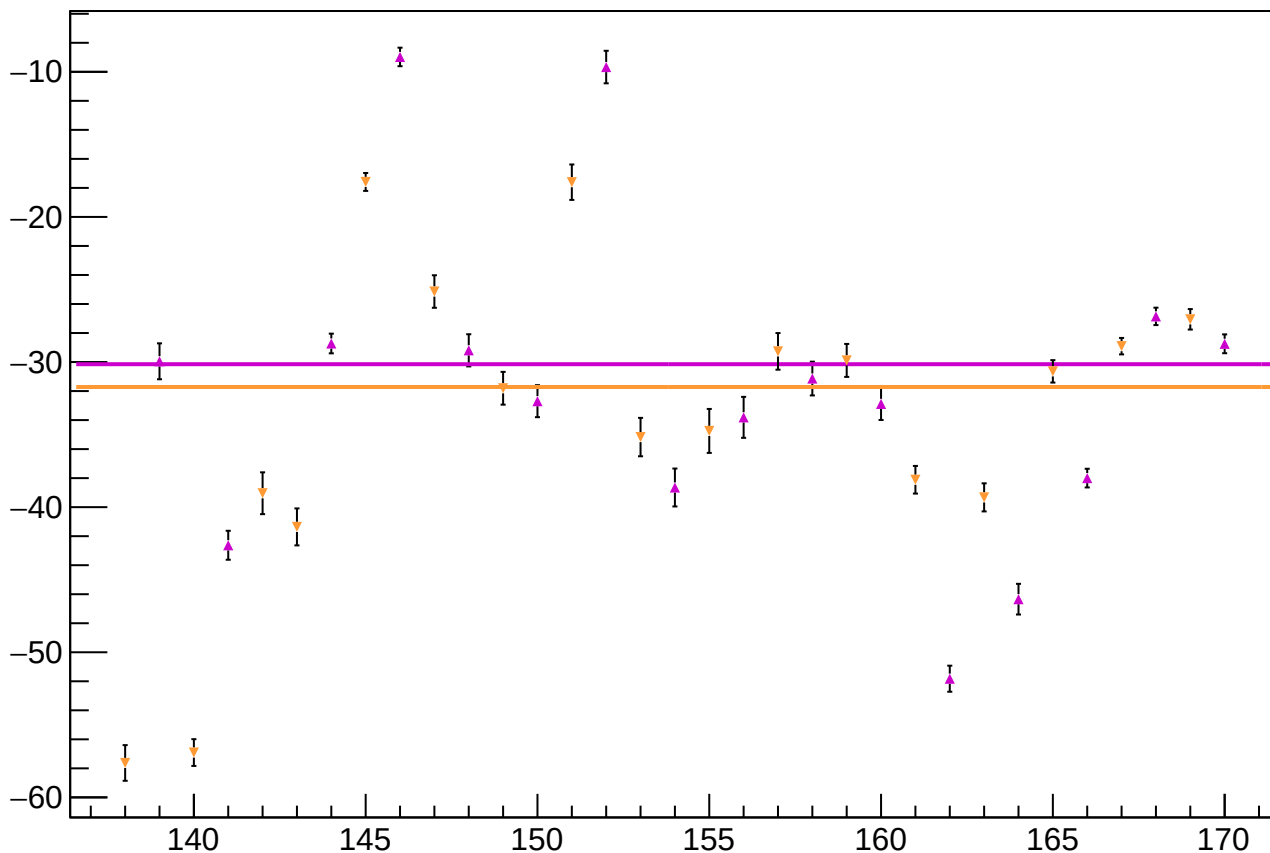
Left In: 1.590 ± 0.022 χ^2/NDF : 591.2/15

+ sign 1.459 ± 0.021 χ^2/NDF : 1310.7/33

All: 1.439 ± 0.015 χ^2/NDF : 3405.3/68

- sign 1.419 ± 0.021 χ^2/NDF : 2092.7/34

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -31.720+/-0.228 χ^2/NDF : 2159.4/16

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

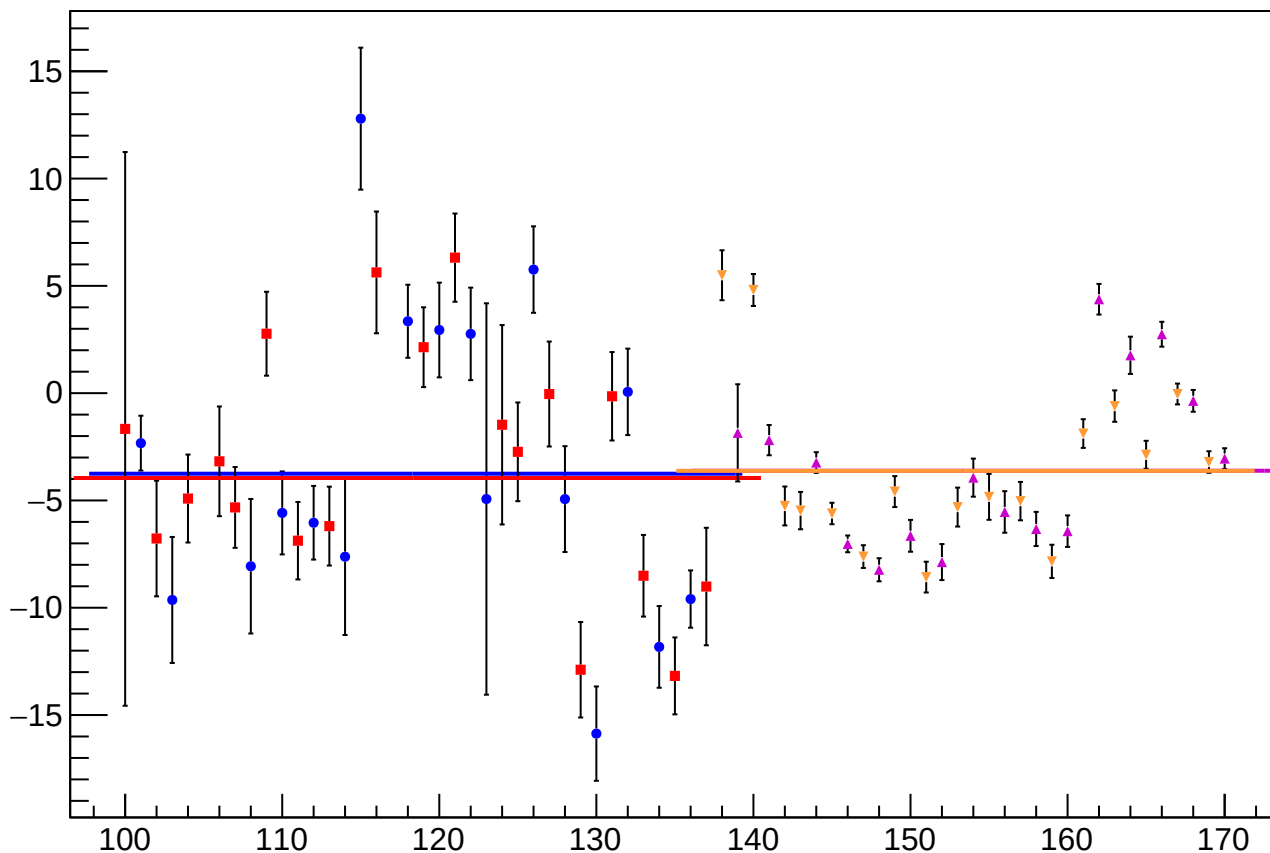
Left In: -30.149+/-0.218 χ^2/NDF : 2657.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.898+/-0.158 χ^2/NDF : 4841.1/32

- 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: -3.620±/0.166 χ^2 /NDF:436.2/16

Right Out: -3.954±/0.507 χ^2 /NDF: 123.3/18

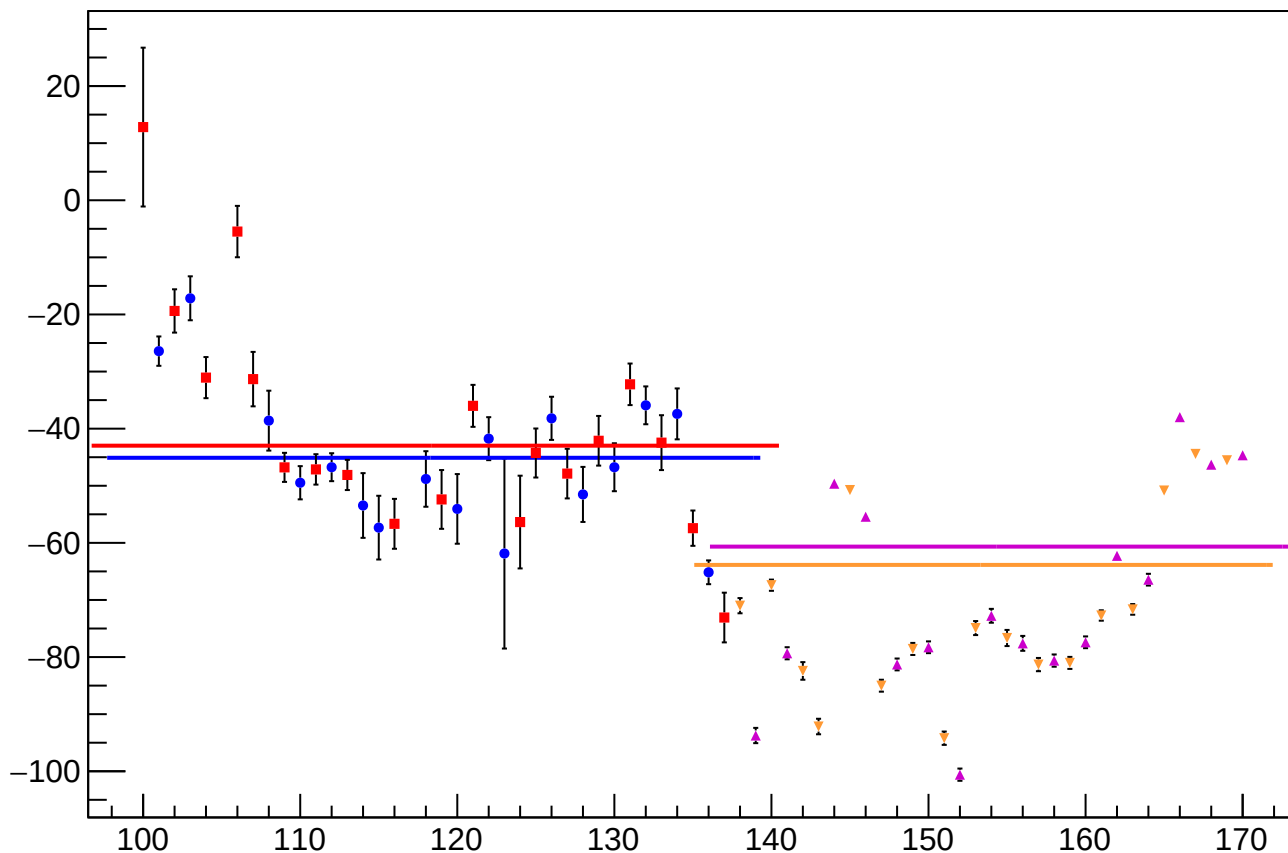
Left In: -3.616±/0.158 χ^2 /NDF:554.7/15

+ sign -3.634±/0.158 χ^2 /NDF: 601.6/33

All: -3.640±/0.109 χ^2 /NDF: 1280.0/68

- sign -3.646±/0.151 χ^2 /NDF: 678.4/34

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -63.860 ± 0.228 χ^2/NDF : 5203.2/16

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

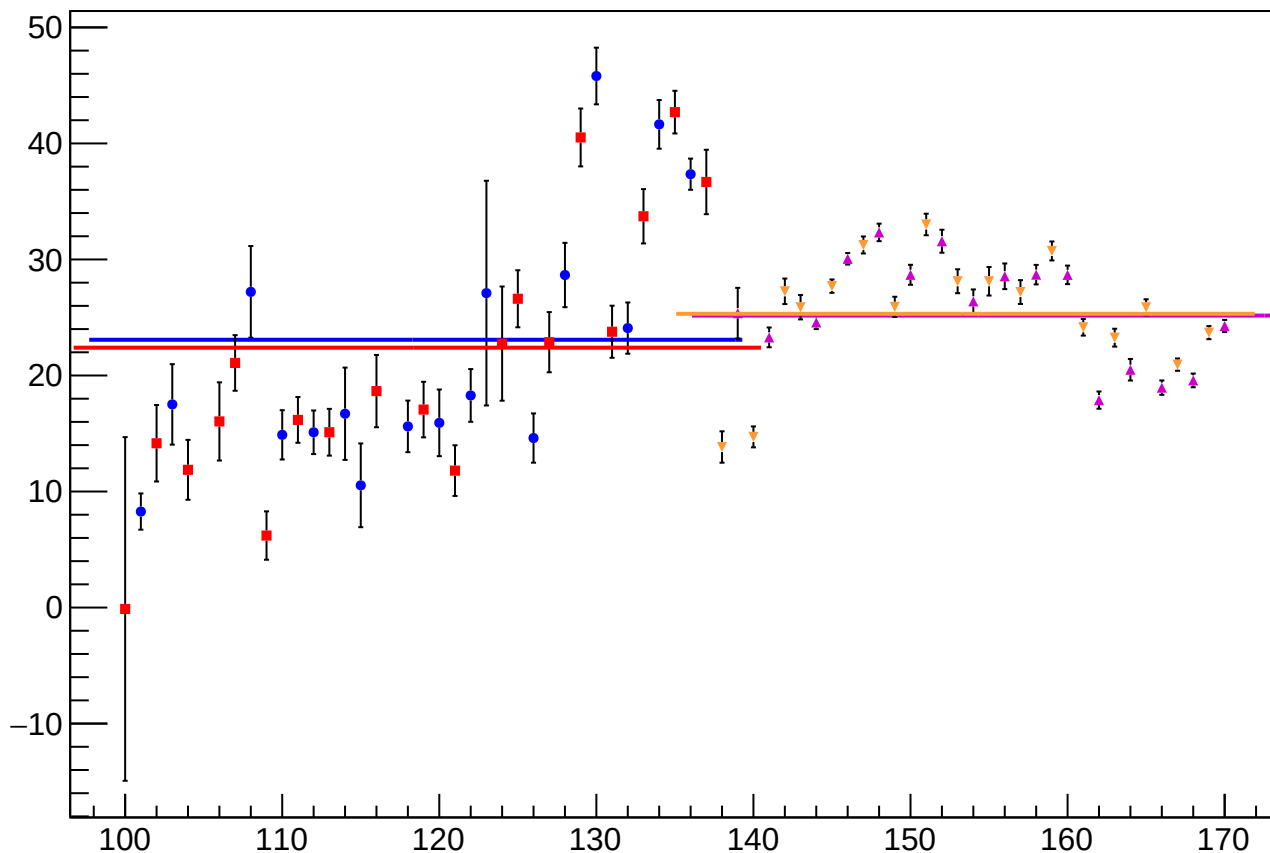
Left In: -60.656 ± 0.216 χ^2/NDF : 6570.3/15

+ sign -62.684 ± 0.221 χ^2/NDF : 5858.2/33

All: -61.089 ± 0.152 χ^2/NDF : 13159.8/68

- sign -59.649 ± 0.209 χ^2/NDF : 7202.0/34

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 25.316 $\pm$ 0.191 χ^2 /NDF: 512.4/16

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

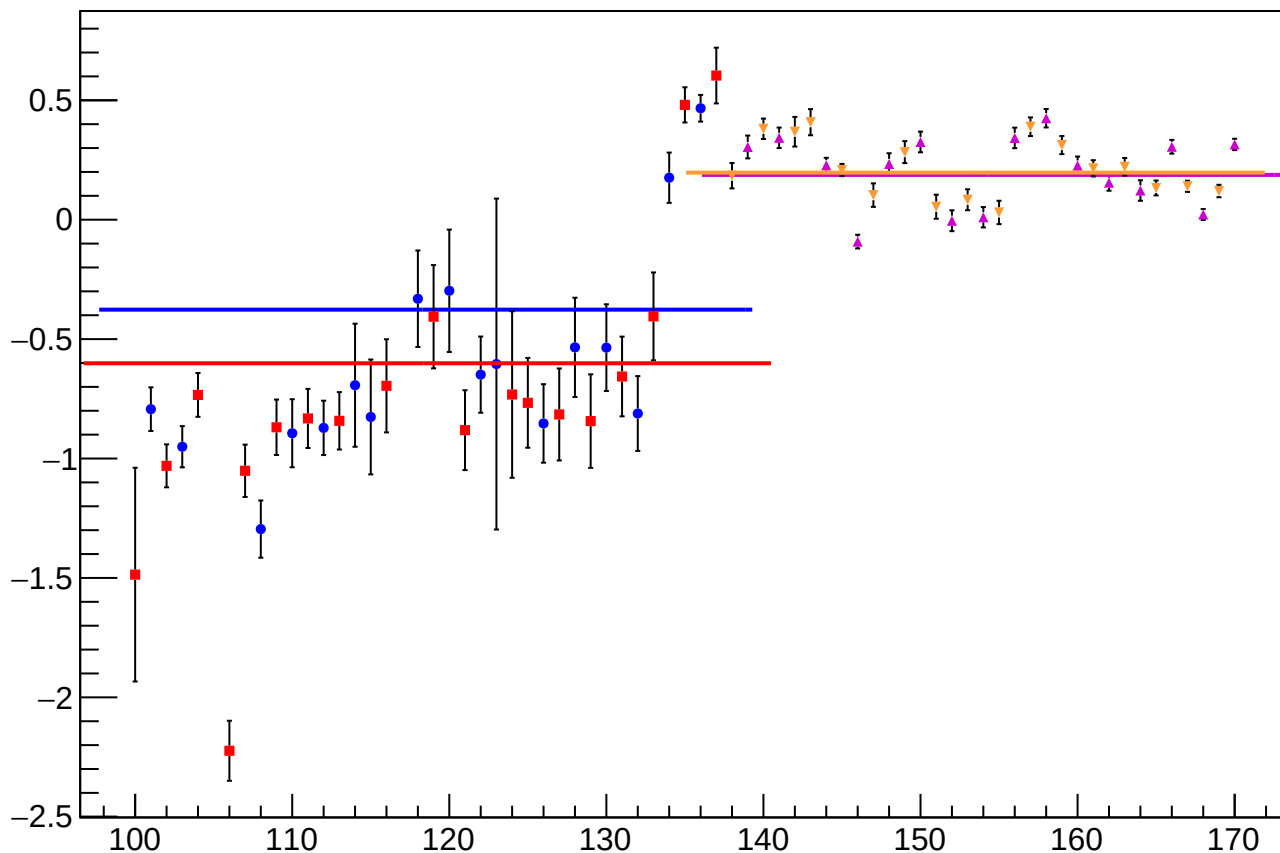
Left In: 25.162 $\pm$ 0.184 χ^2 /NDF: 613.8/15

+ sign 25.079 $\pm$ 0.181 χ^2 /NDF: 988.1/33

All: 24.989 $\pm$ 0.126 χ^2 /NDF: 1993.7/68

- sign 24.904 $\pm$ 0.175 χ^2 /NDF: 1005.2/34

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.197 ± 0.009 $\chi^2/\text{NDF}: 127.7/16$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

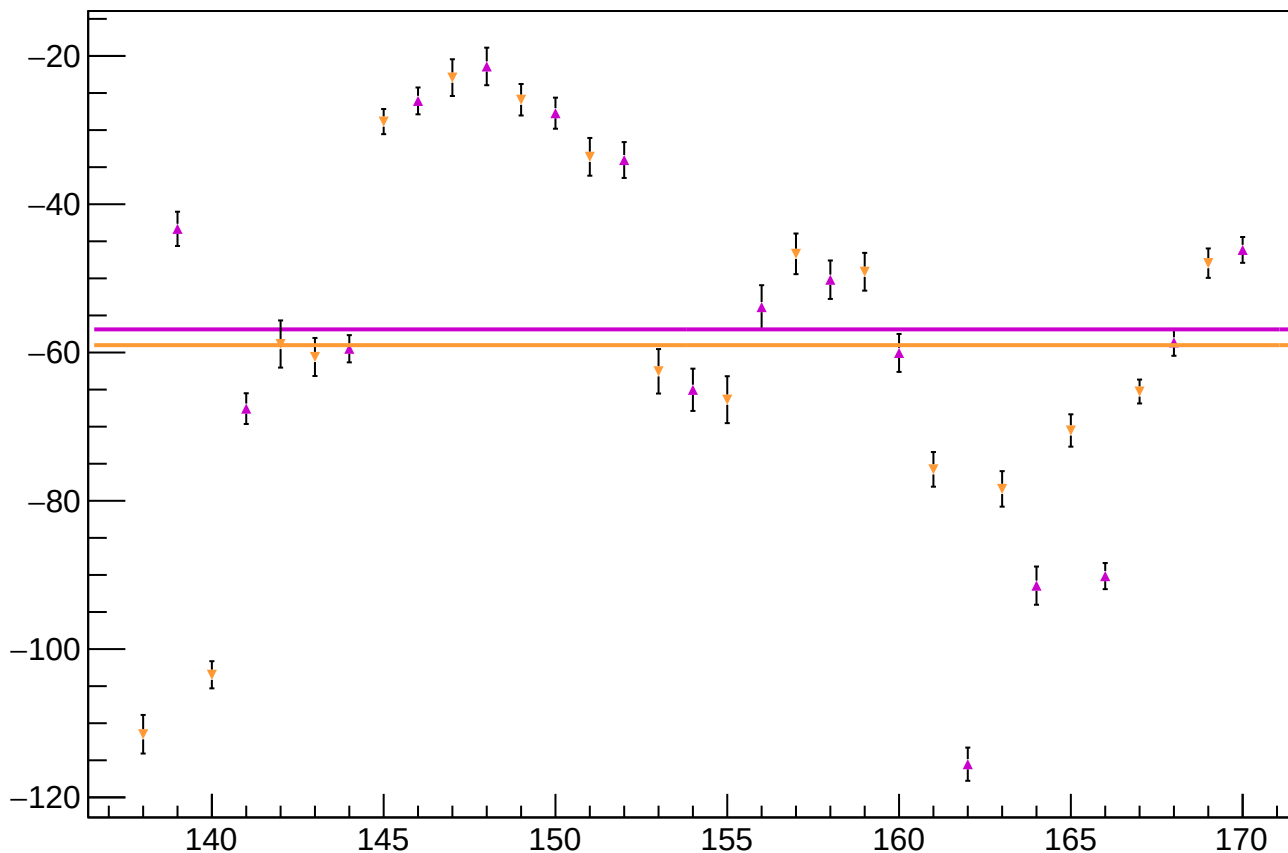
Left In: 0.188 ± 0.009 $\chi^2/\text{NDF}: 316.1/15$

+ sign 0.150 ± 0.009 $\chi^2/\text{NDF}: 899.3/33$

All: 0.139 ± 0.006 $\chi^2/\text{NDF}: 2406.4/68$

- sign 0.128 ± 0.008 $\chi^2/\text{NDF}: 1503.7/34$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -59.007 ± 0.551 χ^2/NDF : 2098.9/16

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

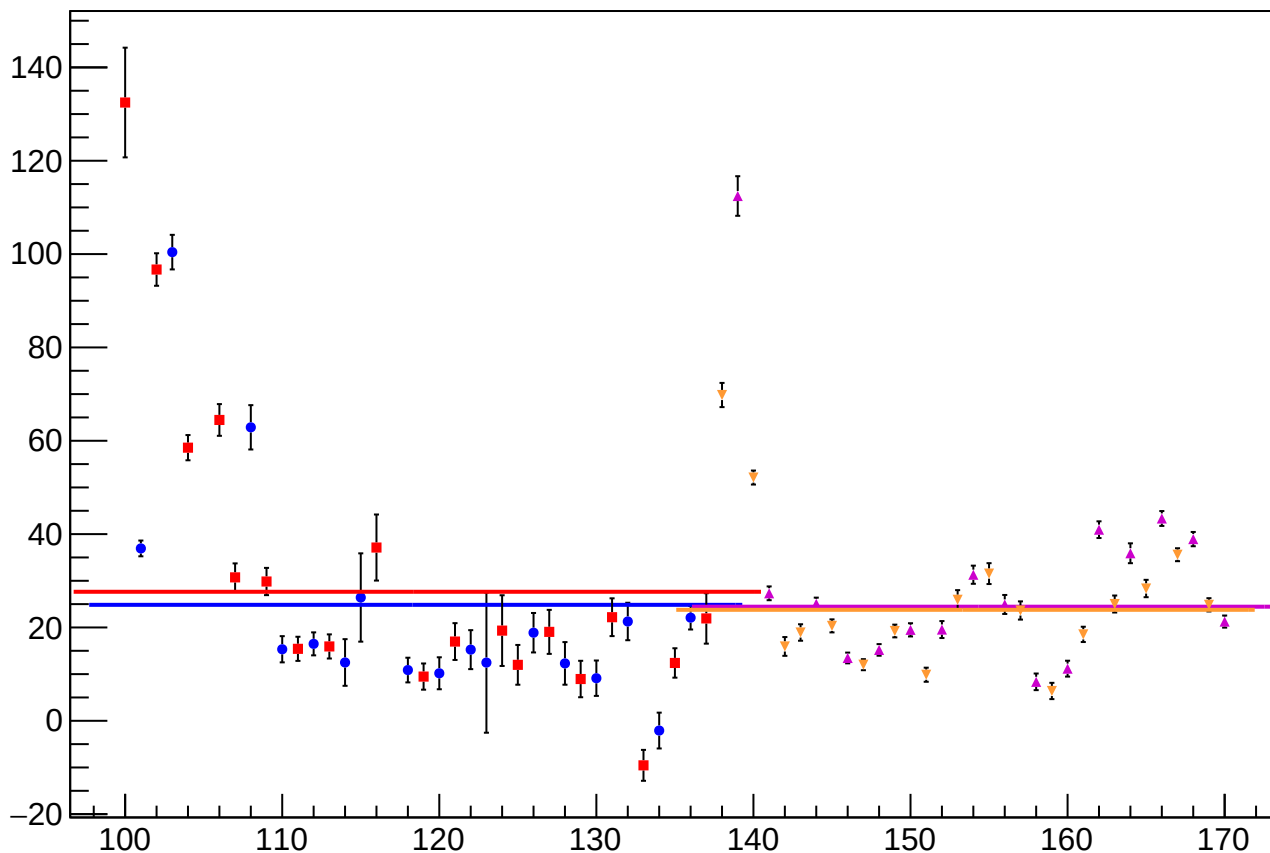
Left In: -56.880 ± 0.540 χ^2/NDF : 2110.5/15

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.922 ± 0.386 χ^2/NDF : 4217.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 23.781 $\pm$ 0.396 χ^2 /NDF:1098.0/16

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

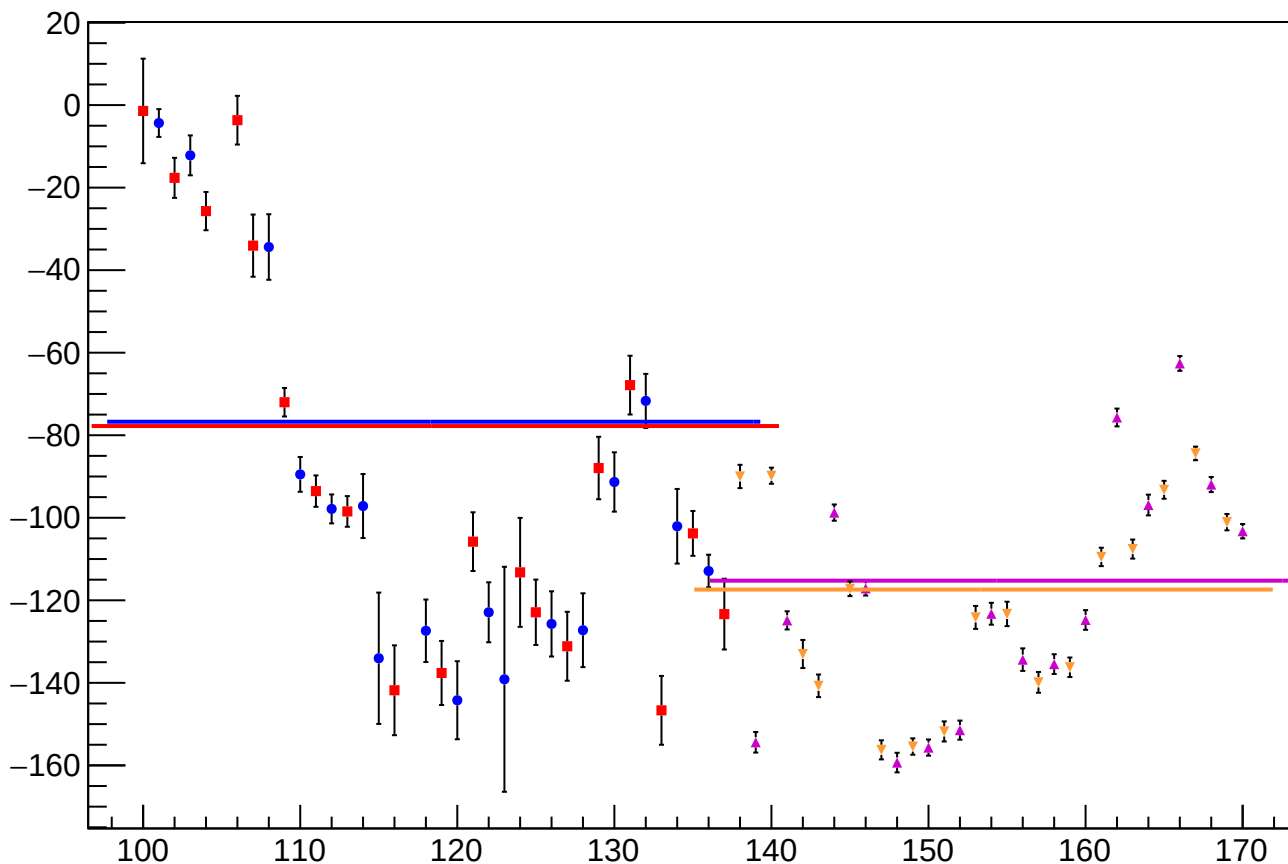
Left In: 24.449 $\pm$ 0.395 χ^2 /NDF:1105.6/15

+ sign 23.991 $\pm$ 0.355 χ^2 /NDF: 1790.3/33

All: 24.527 $\pm$ 0.251 χ^2 /NDF: 3922.2/68

- sign 25.063 $\pm$ 0.355 χ^2 /NDF: 2127.4/34

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -117.399 ± 0.548 χ^2/NDF : 2012.0/16

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

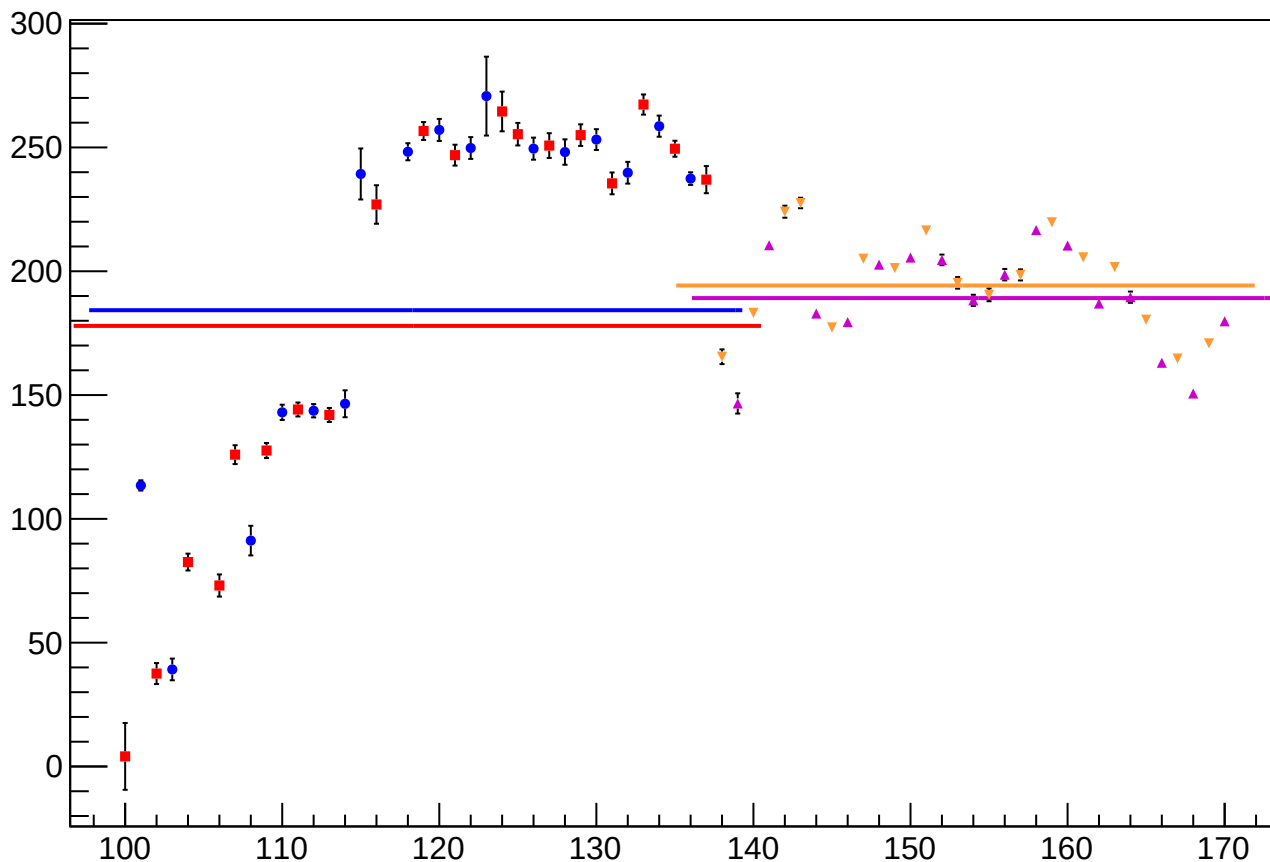
Left In: -115.239 ± 0.533 χ^2/NDF : 2957.3/15

+ sign -112.079 ± 0.511 χ^2/NDF : 3775.0/33

All: -111.111 ± 0.356 χ^2/NDF : 8275.5/68

- sign -110.199 ± 0.496 χ^2/NDF : 4493.5/34

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 194.248 $\pm$ 0.460 χ^2 /NDF: 1733.7/16

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

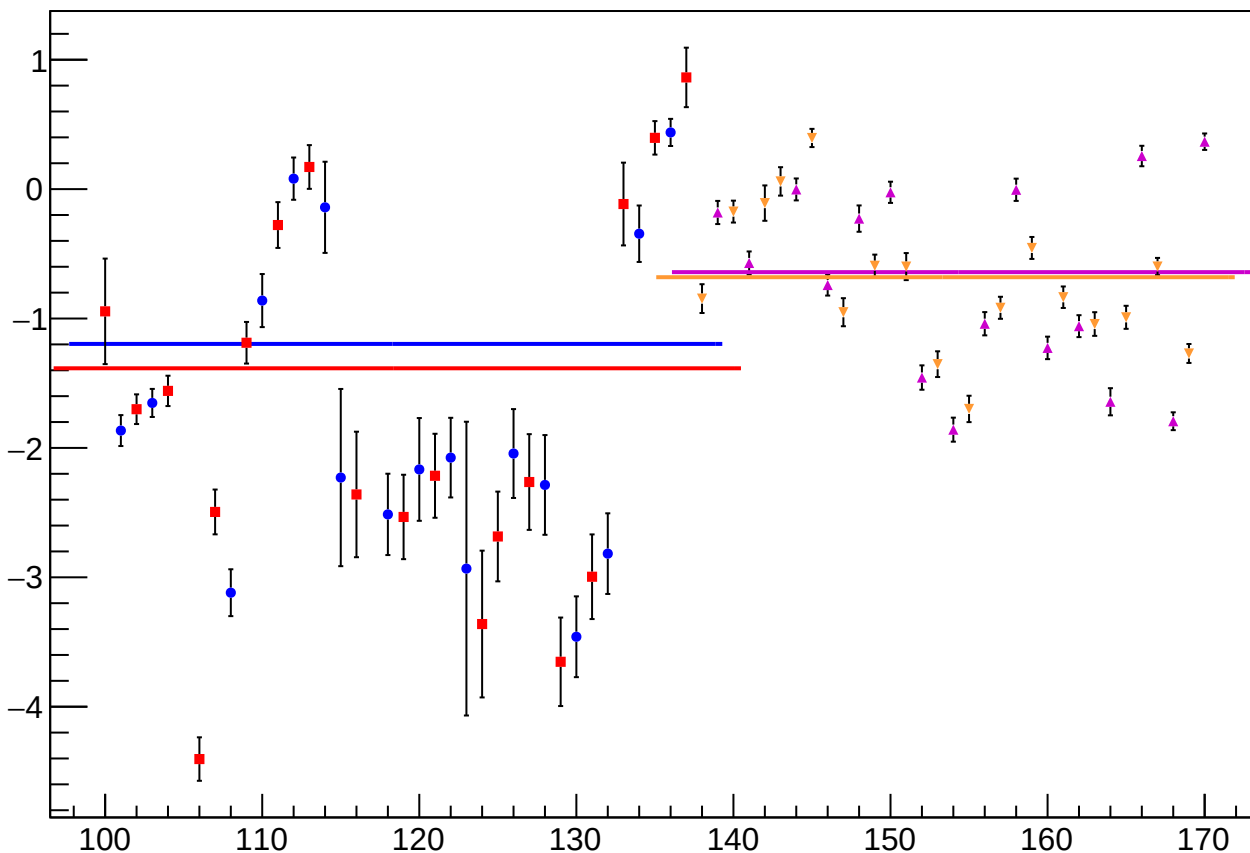
Left In: 189.162 $\pm$ 0.456 χ^2 /NDF: 1638.9/15

+ sign 192.232 $\pm$ 0.411 χ^2 /NDF: 7229.8/33

All: 189.586 $\pm$ 0.290 χ^2 /NDF: 15401.2/68

- sign 186.961 $\pm$ 0.409 χ^2 /NDF: 8088.7/34

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.681 ± 0.022 χ^2/NDF : 600.8/16

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

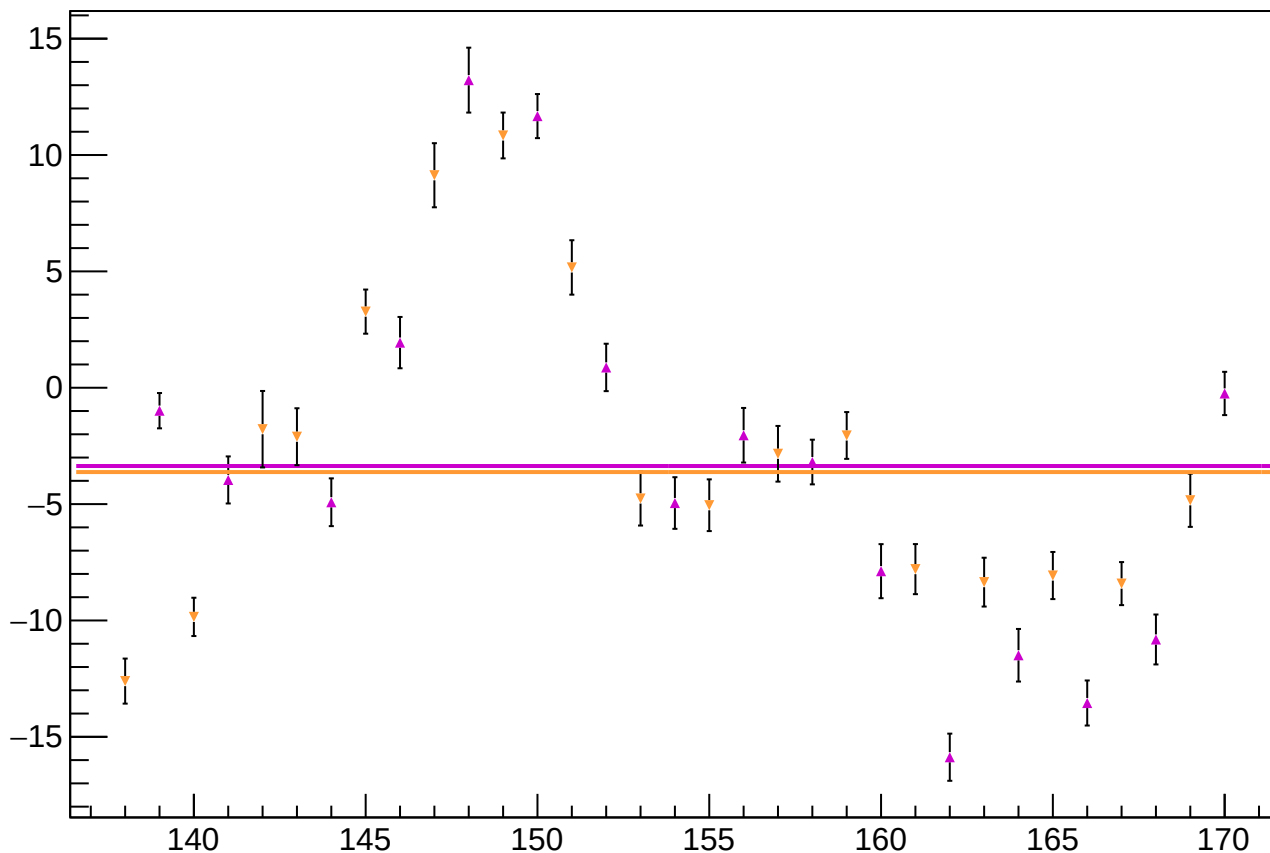
Left In: -0.642 ± 0.021 χ^2/NDF : 1300.7/15

+ sign -0.767 ± 0.020 χ^2/NDF : 1319.6/33

All: -0.769 ± 0.014 χ^2/NDF : 3762.2/68

- sign -0.771 ± 0.019 χ^2/NDF : 2442.6/34

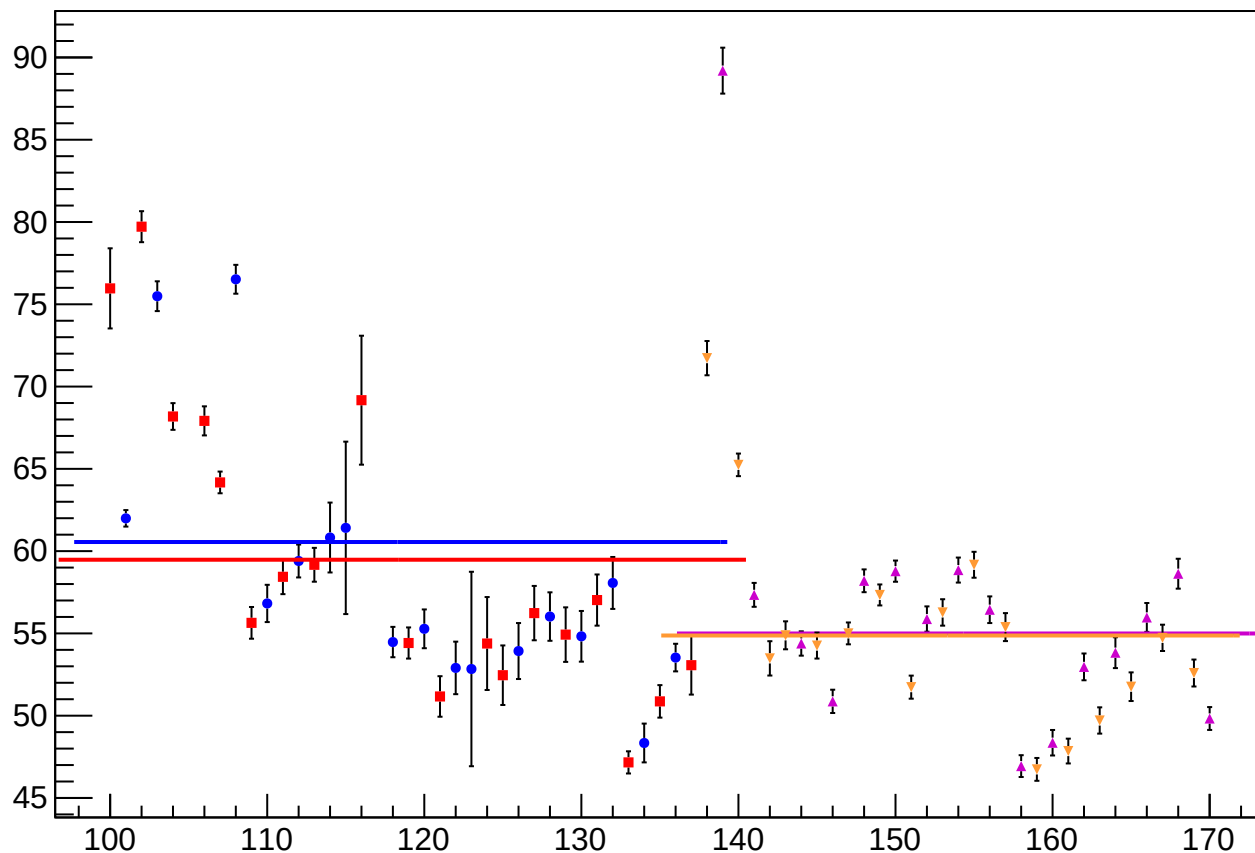
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: -3.623+/-0.259 χ^2/NDF : 645.3/16
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -3.363+/-0.256 χ^2/NDF : 839.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -3.491+/-0.182 χ^2/NDF : 1485.0/32
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 54.872 $\pm$ 0.189 χ^2 /NDF:847.6/16

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

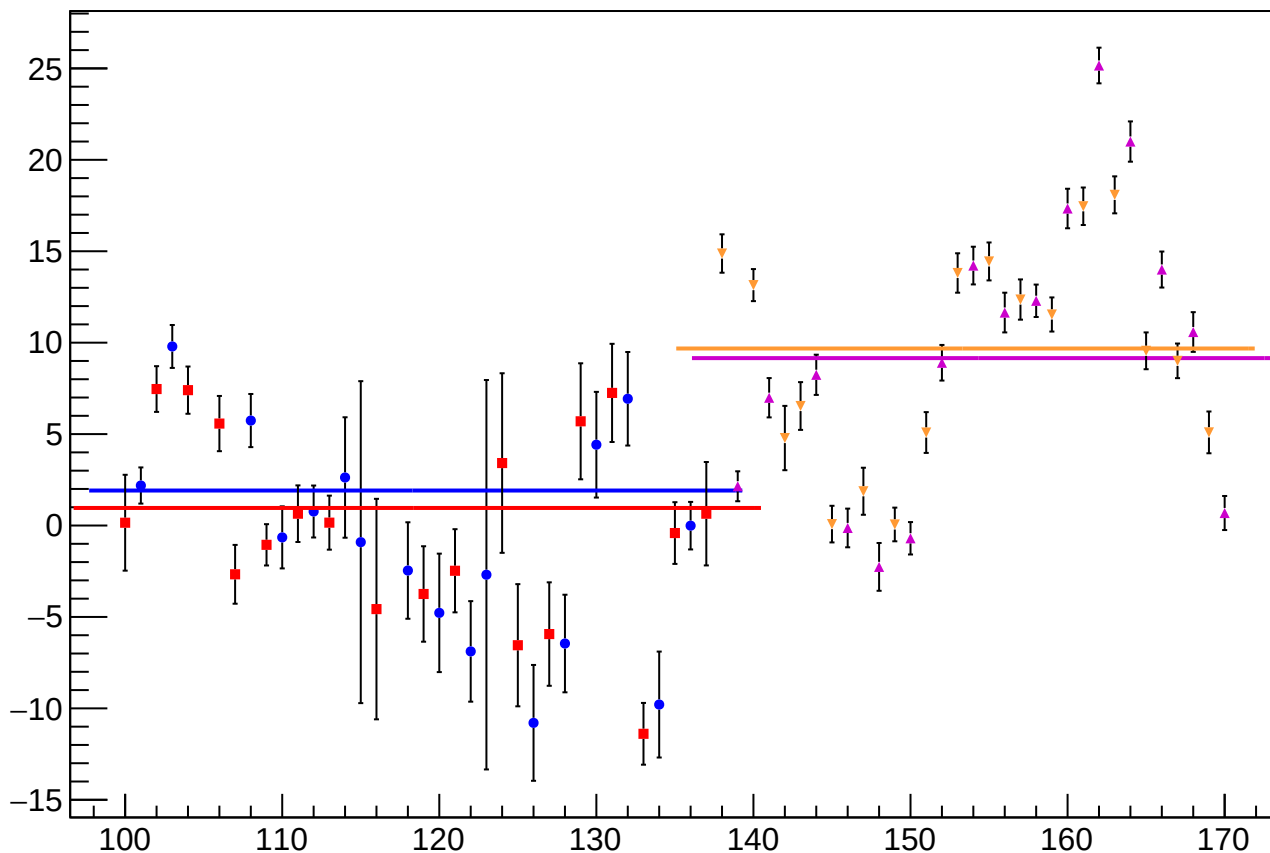
Left In: 54.995 $\pm$ 0.193 χ^2 /NDF:1032.8/15

+ sign 56.819 $\pm$ 0.153 χ^2 /NDF: 2088.6/33

All: 56.752 $\pm$ 0.108 χ^2 /NDF: 4642.3/68

- sign 56.686 $\pm$ 0.152 χ^2 /NDF: 2553.4/34

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 9.681 ± 0.256 χ^2/NDF : 497.5/16

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

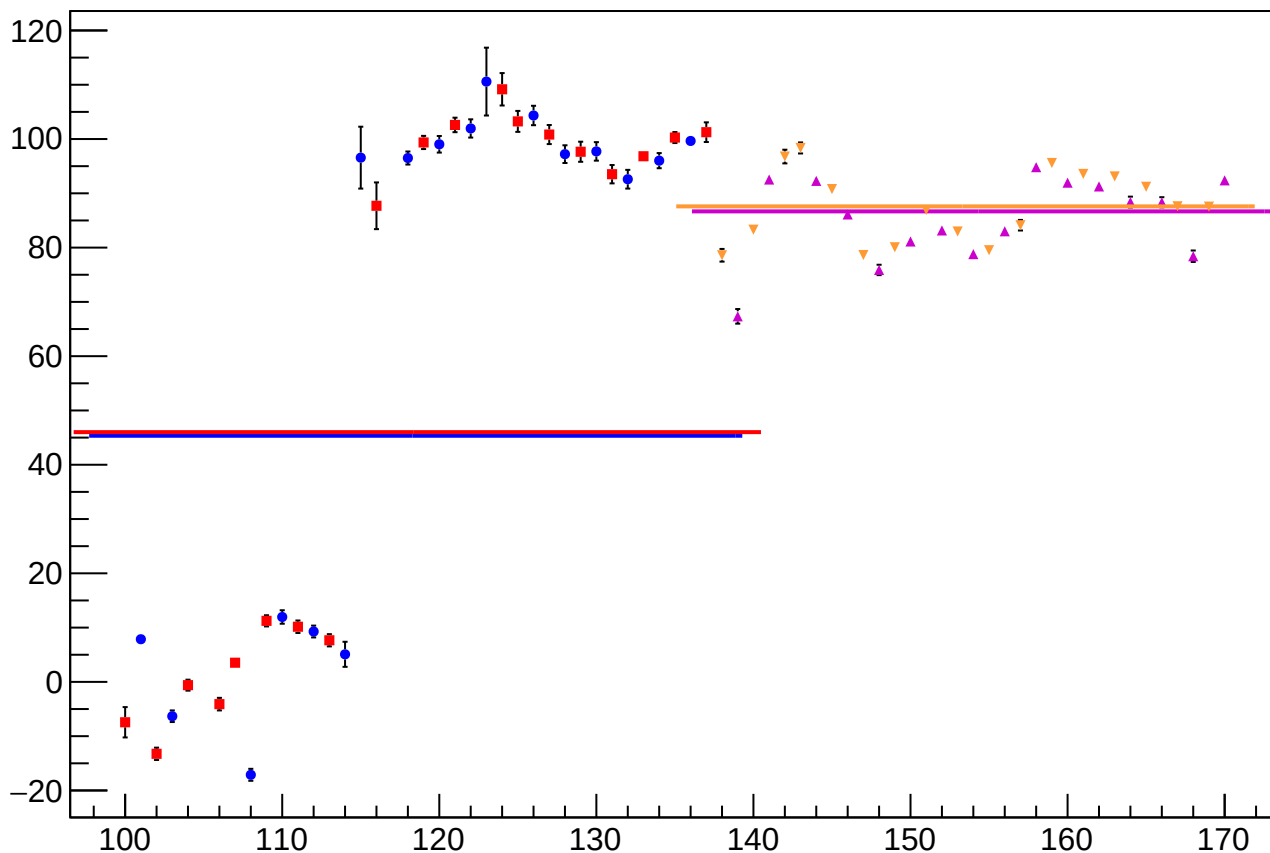
Left In: 9.155 ± 0.251 χ^2/NDF : 947.7/15

+ sign 7.831 ± 0.223 χ^2/NDF : 838.4/33

All: 7.415 ± 0.155 χ^2/NDF : 2218.5/68

- sign 7.024 ± 0.216 χ^2/NDF : 1373.3/34

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 87.594 $\pm$ 0.217 χ^2 /NDF:811.3/16

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

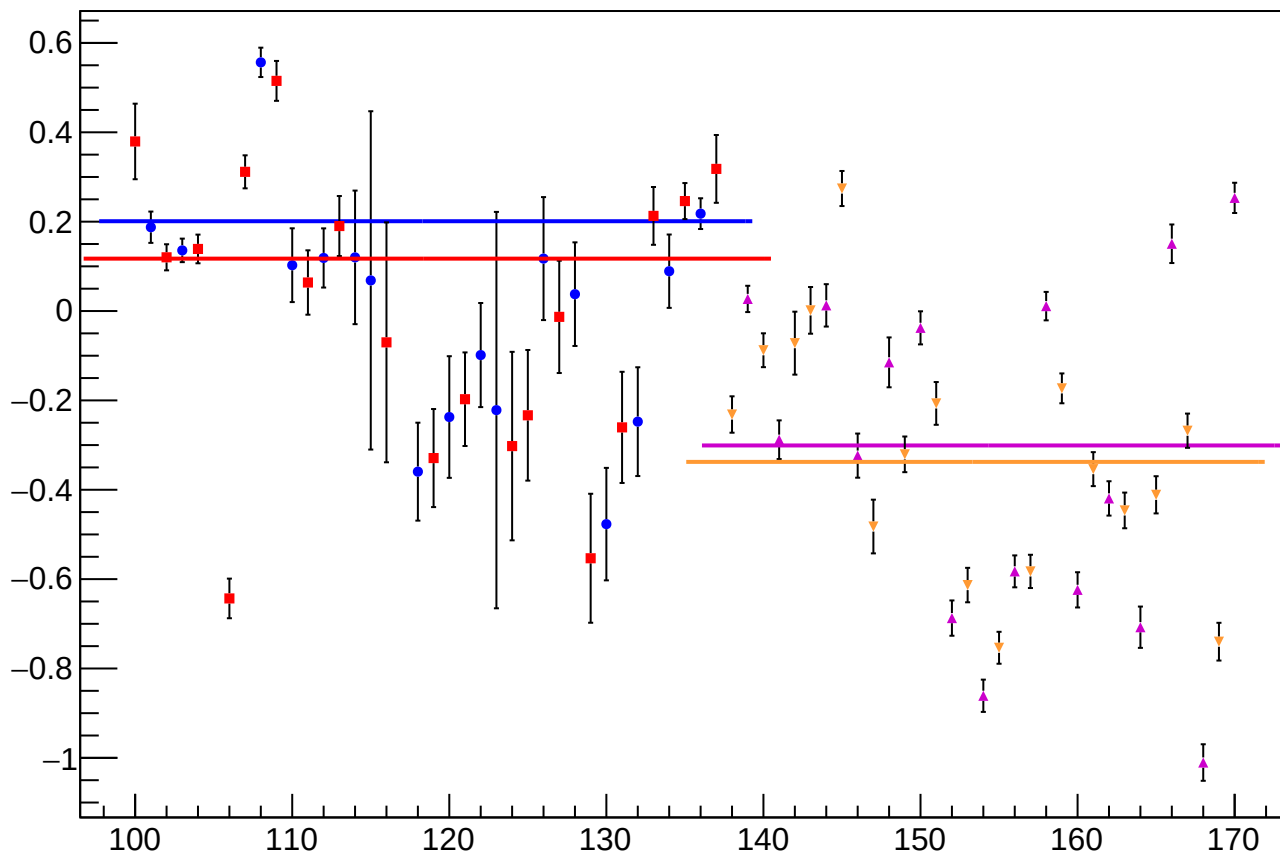
Left In: 86.672 $\pm$ 0.220 χ^2 /NDF:917.5/15

+ sign 73.279 $\pm$ 0.177 χ^2 /NDF: 38717.9/33

All: 72.544 $\pm$ 0.124 χ^2 /NDF: 80418.4/68

- sign 71.823 $\pm$ 0.175 χ^2 /NDF: 41666.2/34

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.338 ± 0.010 χ^2/NDF : 722.2/16

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

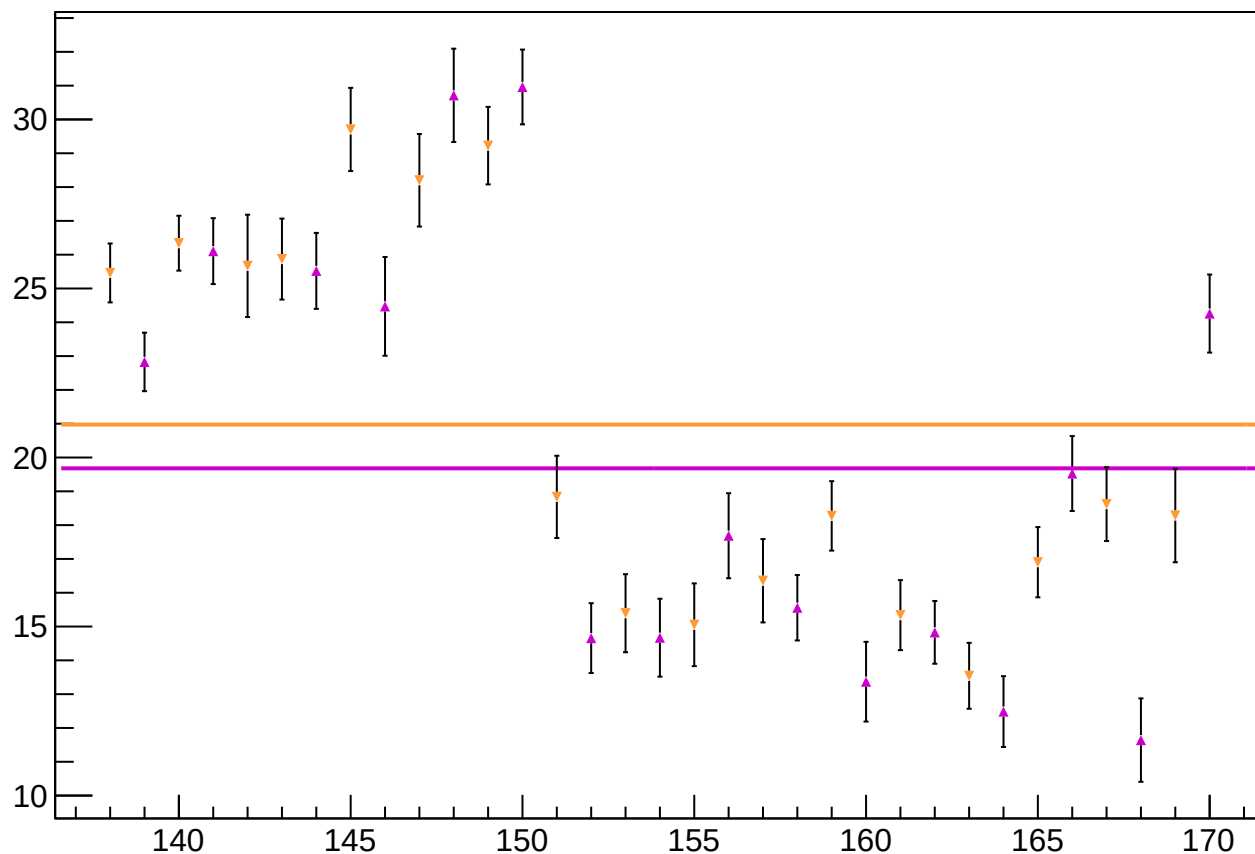
Left In: -0.301 ± 0.010 χ^2/NDF : 1557.1/15

+ sign -0.157 ± 0.008 χ^2/NDF : 1919.3/33

All: -0.154 ± 0.006 χ^2/NDF : 4638.7/68

- sign -0.151 ± 0.008 χ^2/NDF : 2719.1/34

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 20.975+/-0.268 χ^2/NDF : 408.8/16

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

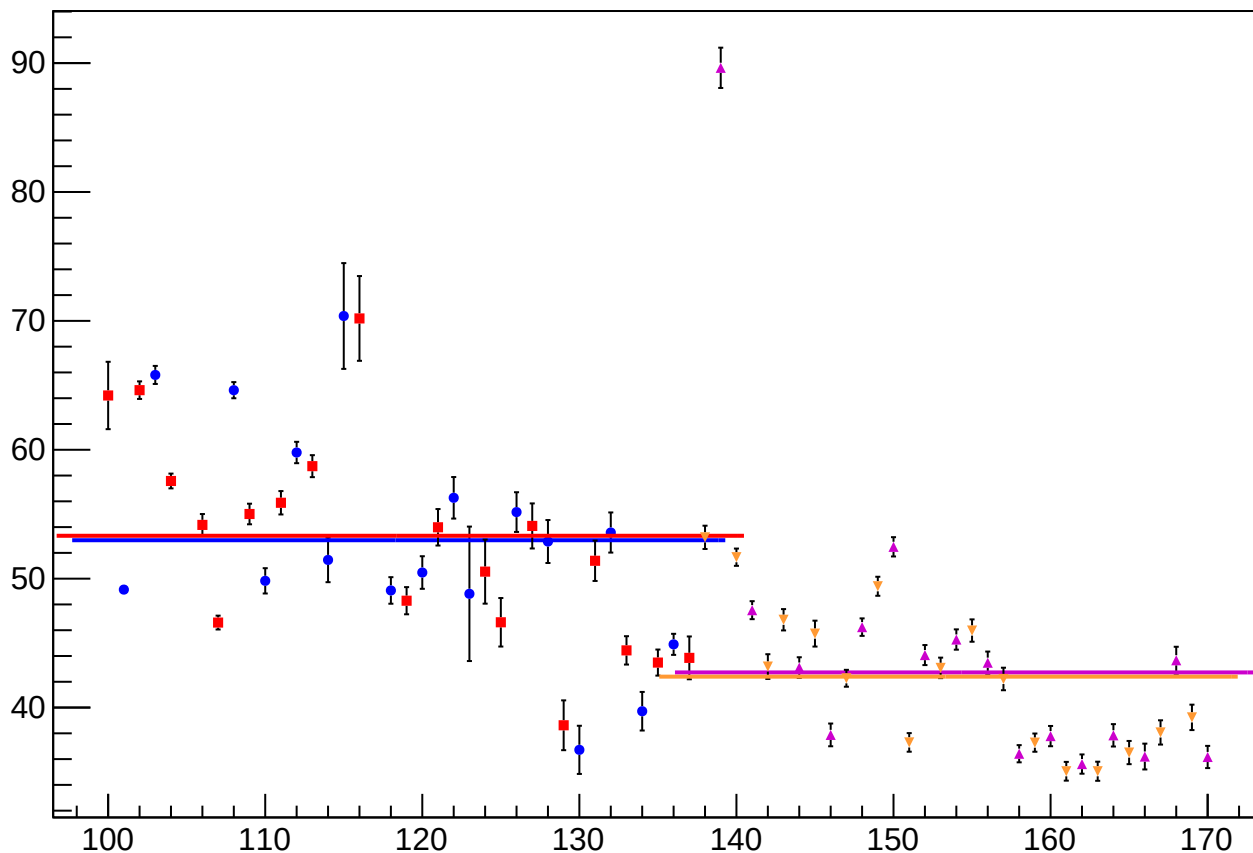
Left In: 19.680+/-0.273 χ^2/NDF : 487.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.339+/-0.191 χ^2/NDF : 907.3/32

- 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: 42.398 ± 0.195 χ^2/NDF : 859.2/16

Right Out: 53.328 ± 0.227 χ^2/NDF : 872.7/18

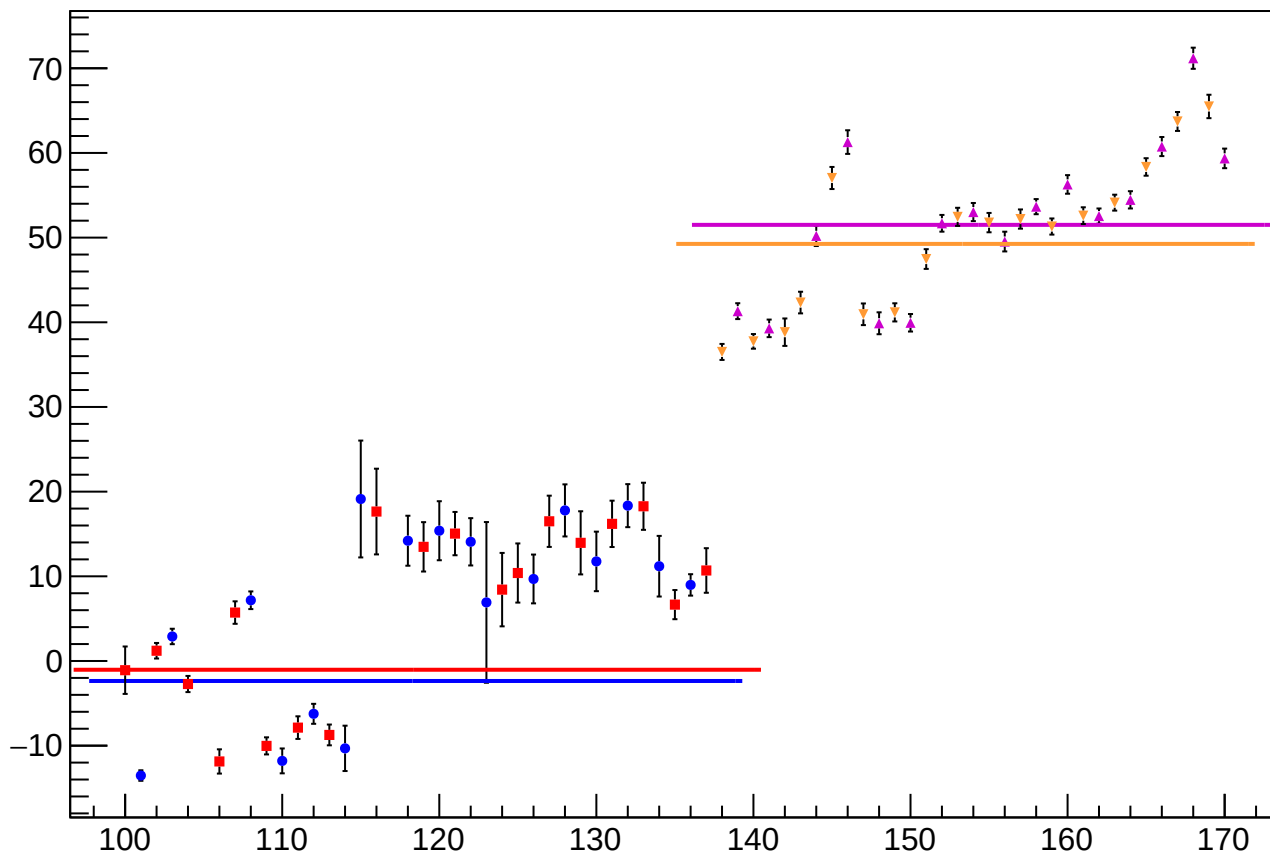
Left In: 42.725 ± 0.204 χ^2/NDF : 1541.7/15

+ sign 47.284 ± 0.143 χ^2/NDF : 3422.0/33

All: 47.368 ± 0.104 χ^2/NDF : 7047.5/68

- sign 47.462 ± 0.152 χ^2/NDF : 3624.8/34

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 49.257 ± 0.265 χ^2/NDF : 1013.2/16

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

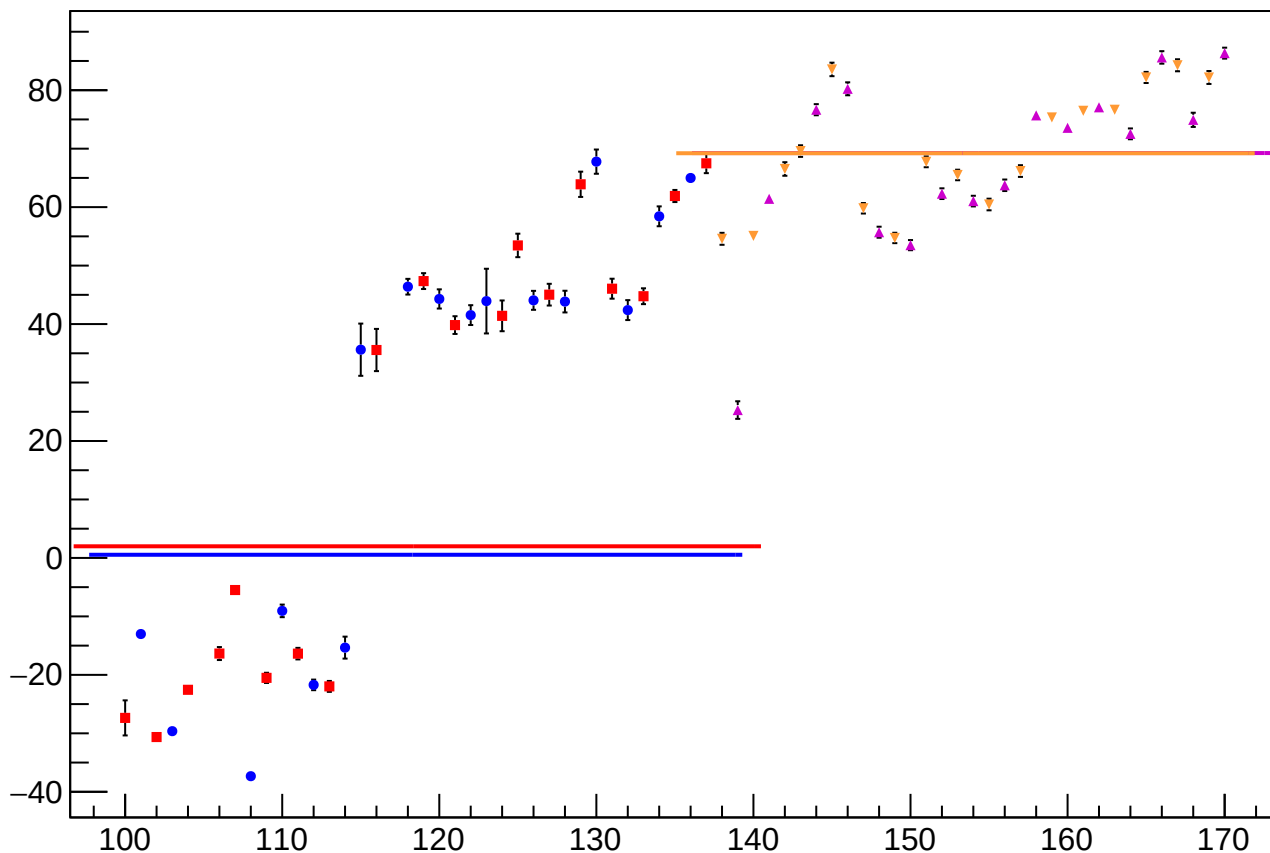
Left In: 51.506 ± 0.268 χ^2/NDF : 914.4/15

+ sign 31.321 ± 0.214 χ^2/NDF : 14989.3/33

All: 32.565 ± 0.153 χ^2/NDF : 29384.1/68

- sign 33.855 ± 0.218 χ^2/NDF : 14326.3/34

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 $\pm$ 0.247 χ^2 /NDF: 18423.8/16

Left Out: 69.218 $\pm$ 0.224 χ^2 /NDF:1934.6/16

Right Out: 1.990 $\pm$ 0.267 χ^2 /NDF: 15476.7/18

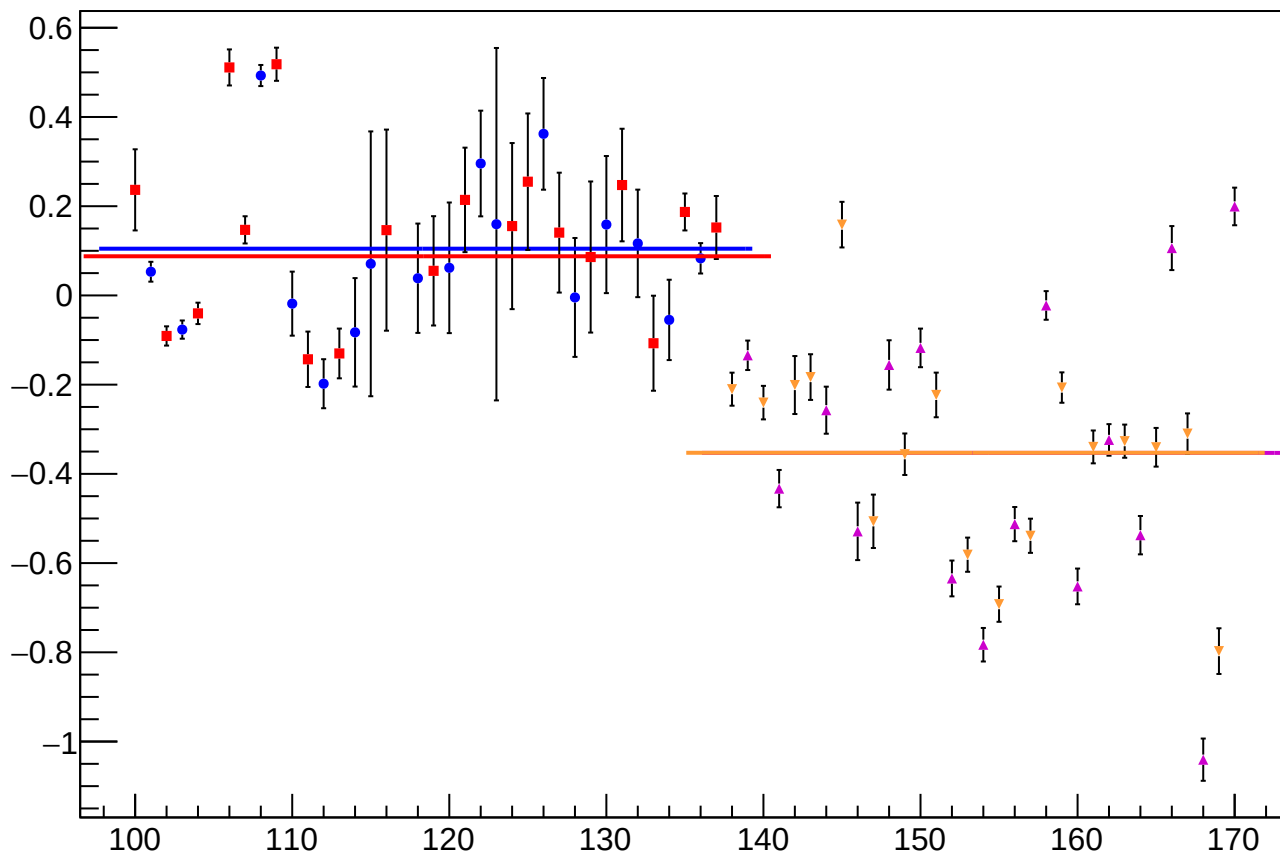
Left In: 69.250 $\pm$ 0.232 χ^2 /NDF:2618.5/15

+ sign 38.144 $\pm$ 0.166 χ^2 /NDF: 62788.0/33

All: 39.146 $\pm$ 0.120 χ^2 /NDF: 117199.4/68

- sign 40.261 $\pm$ 0.175 χ^2 /NDF: 54334.3/34

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.353 ± 0.010 χ^2/NDF : 381.9/16

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

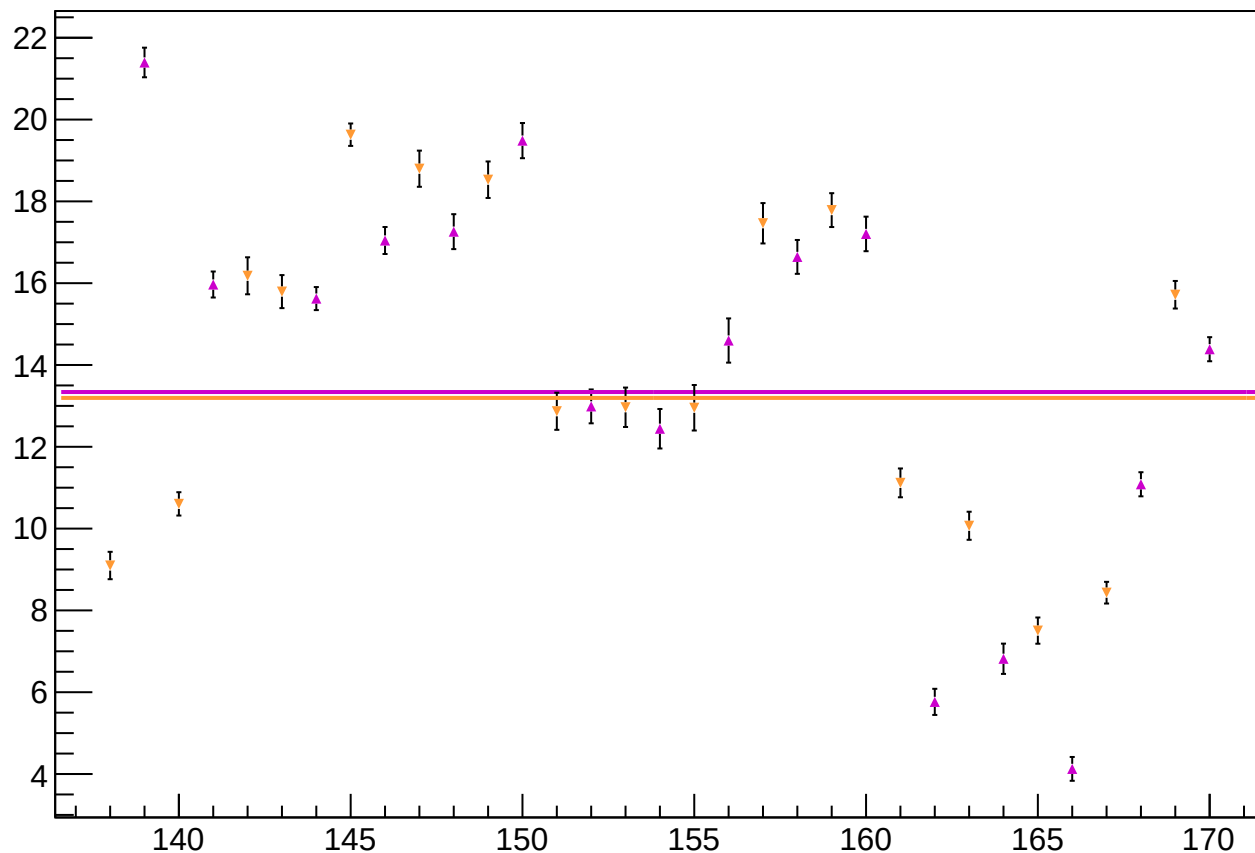
Left In: -0.353 ± 0.010 χ^2/NDF : 948.3/15

+ sign -0.138 ± 0.008 χ^2/NDF : 1696.0/33

All: -0.142 ± 0.005 χ^2/NDF : 3886.1/68

- sign -0.146 ± 0.008 χ^2/NDF : 2189.6/34

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 13.195+/-0.089 χ^2/NDF :2182.4/16

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

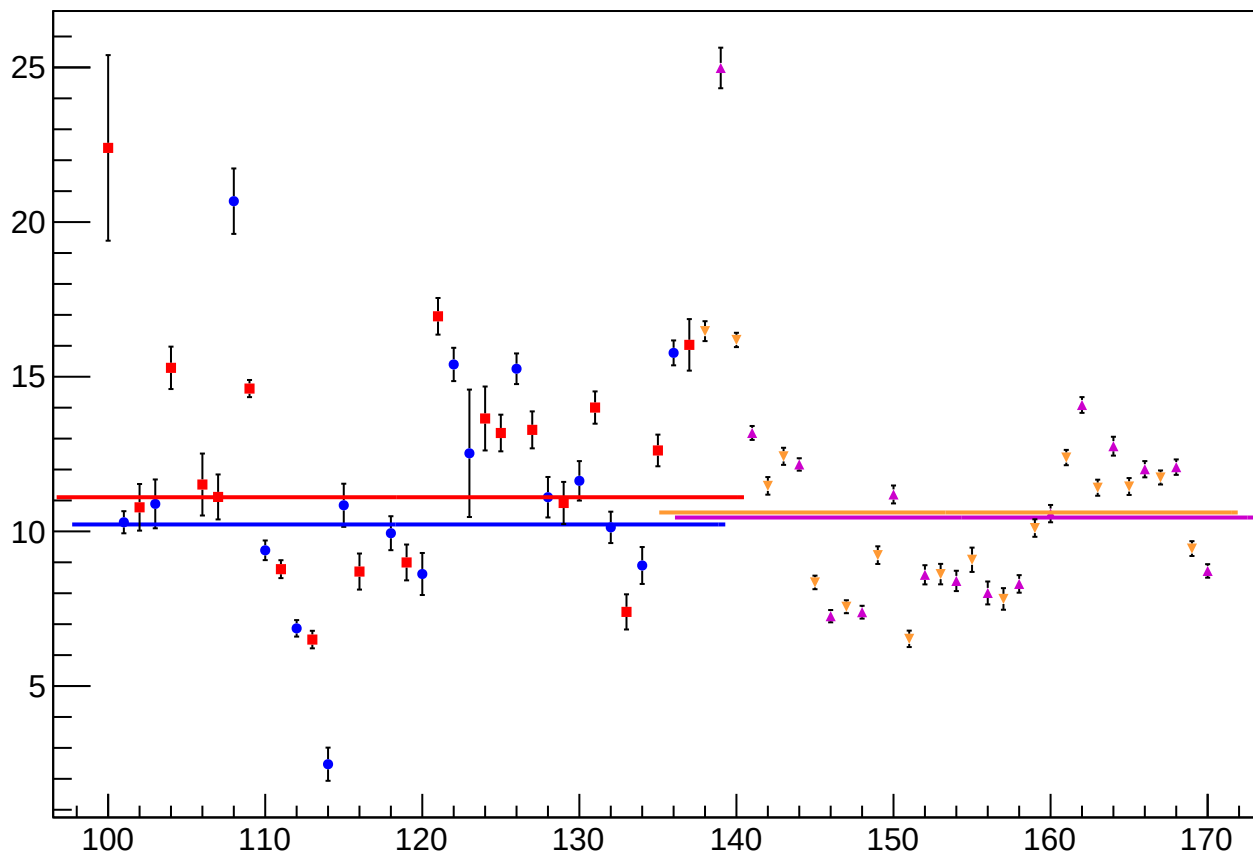
Left In: 13.339+/-0.089 χ^2/NDF :3145.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.267+/-0.063 χ^2/NDF : 5328.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 10.612 $\pm$ 0.064 χ^2 /NDF:1780.8/16

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

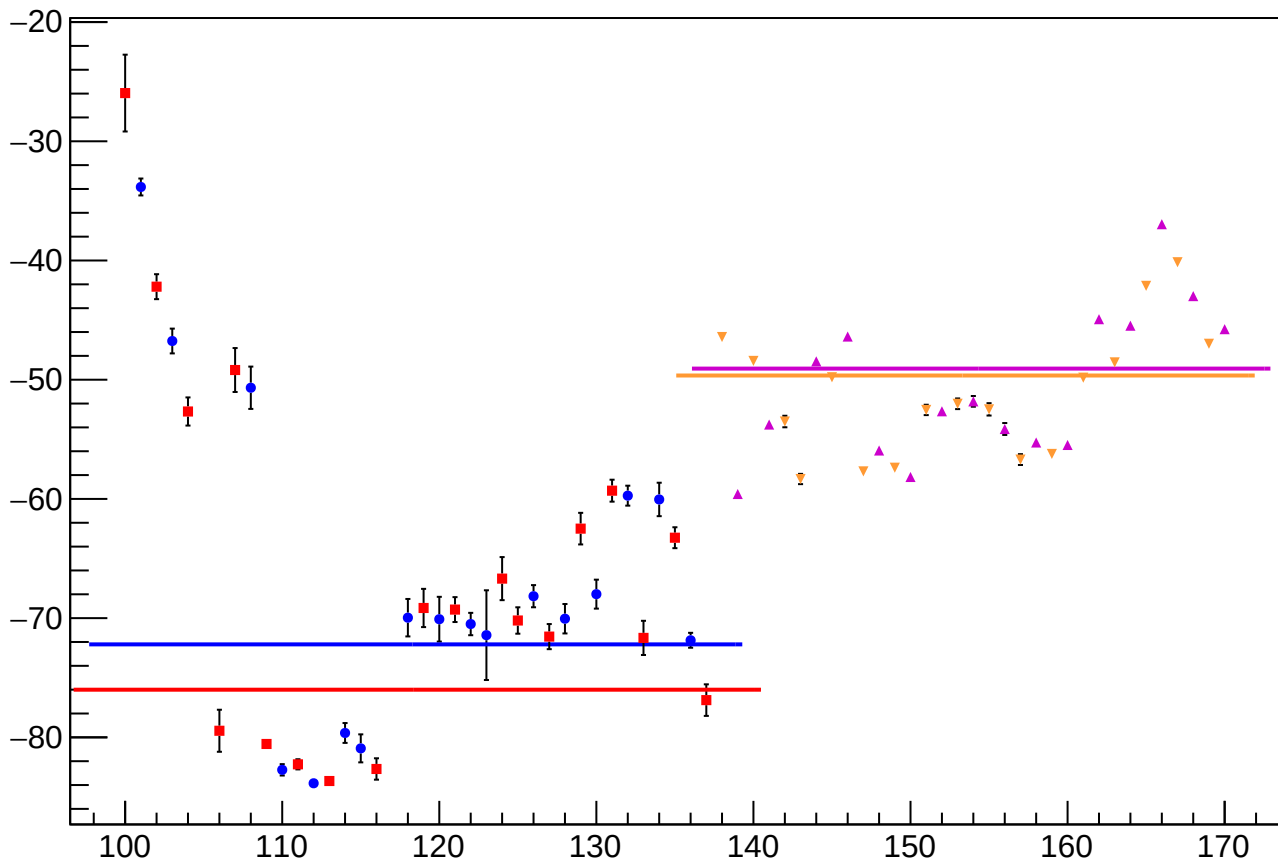
Left In: 10.448 $\pm$ 0.065 χ^2 /NDF:1768.8/15

+ sign 10.524 $\pm$ 0.057 χ^2 /NDF: 2666.6/33

All: 10.564 $\pm$ 0.040 χ^2 /NDF: 5277.8/68

- sign 10.604 $\pm$ 0.057 χ^2 /NDF: 2610.2/34

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -49.647 ± 0.089 χ^2/NDF : 3783.6/16

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

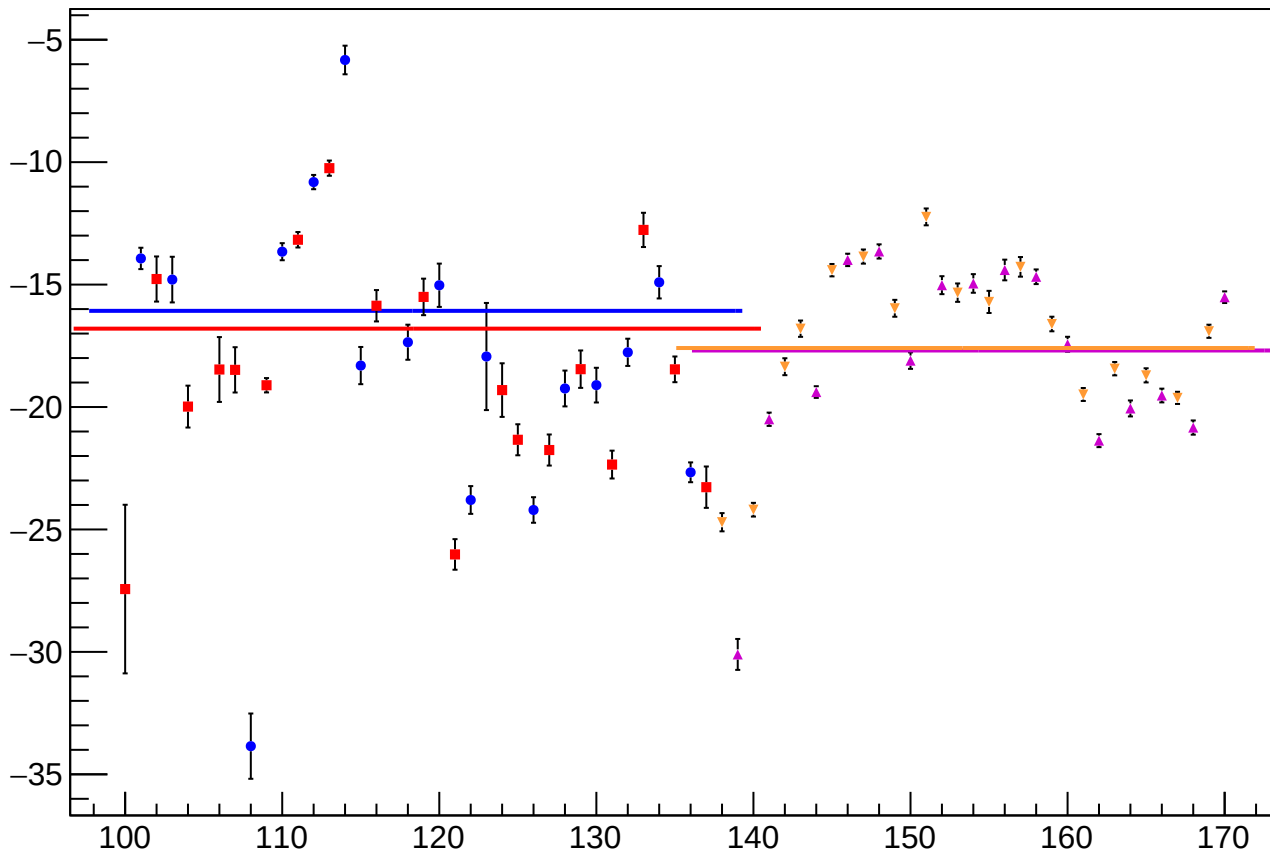
Left In: -49.068 ± 0.088 χ^2/NDF : 5038.2/15

+ sign -53.424 ± 0.081 χ^2/NDF : 20186.3/33

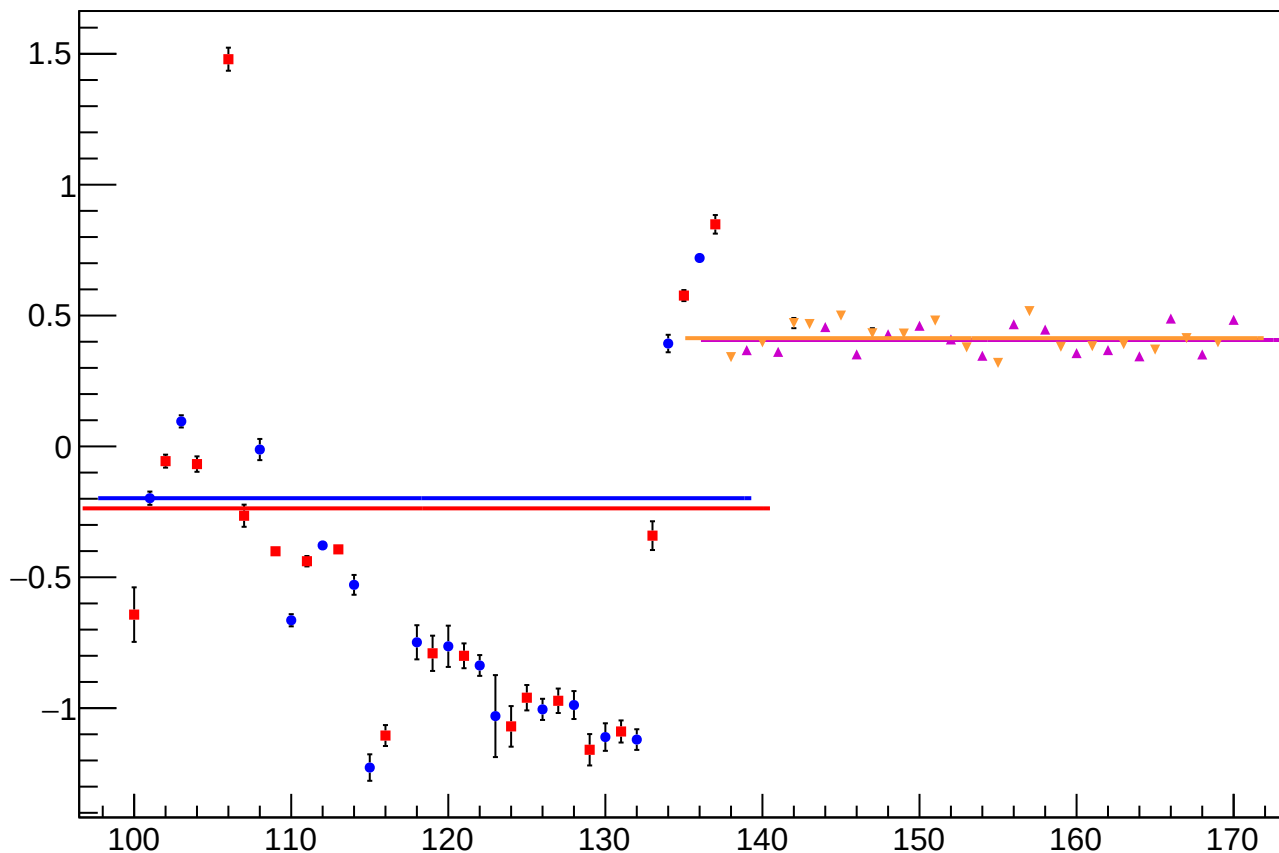
All: -53.823 ± 0.057 χ^2/NDF : 46673.4/68

- sign -54.203 ± 0.079 χ^2/NDF : 26439.6/34

reg_asym_sam7_diff_bpm4eY_slope vs Slug



reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.414 ± 0.003 χ^2/NDF : 221.8/16

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

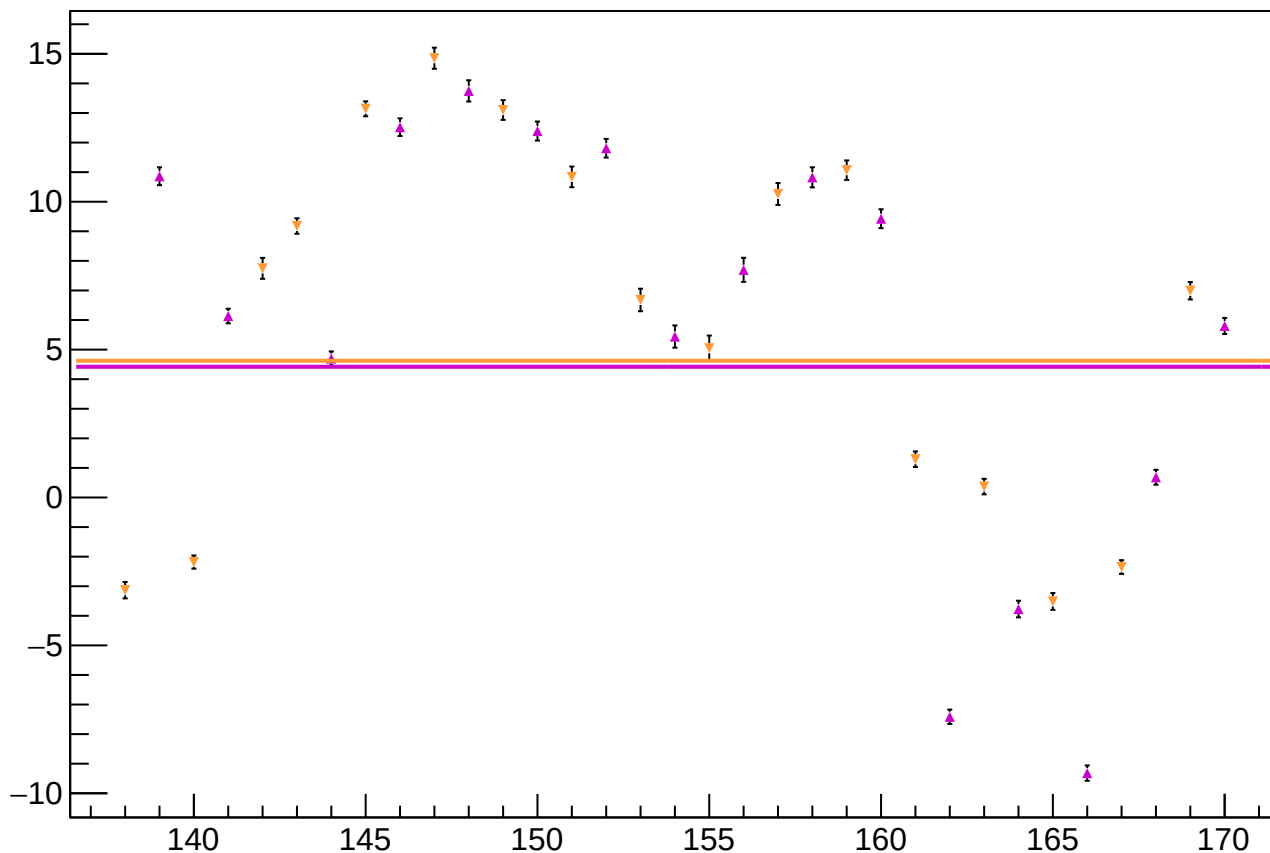
Left In: 0.407 ± 0.003 χ^2/NDF : 249.3/15

+ sign 0.305 ± 0.003 χ^2/NDF : 11977.9/33

All: 0.295 ± 0.002 χ^2/NDF : 24993.5/68

- sign 0.285 ± 0.003 χ^2/NDF : 12994.2/34

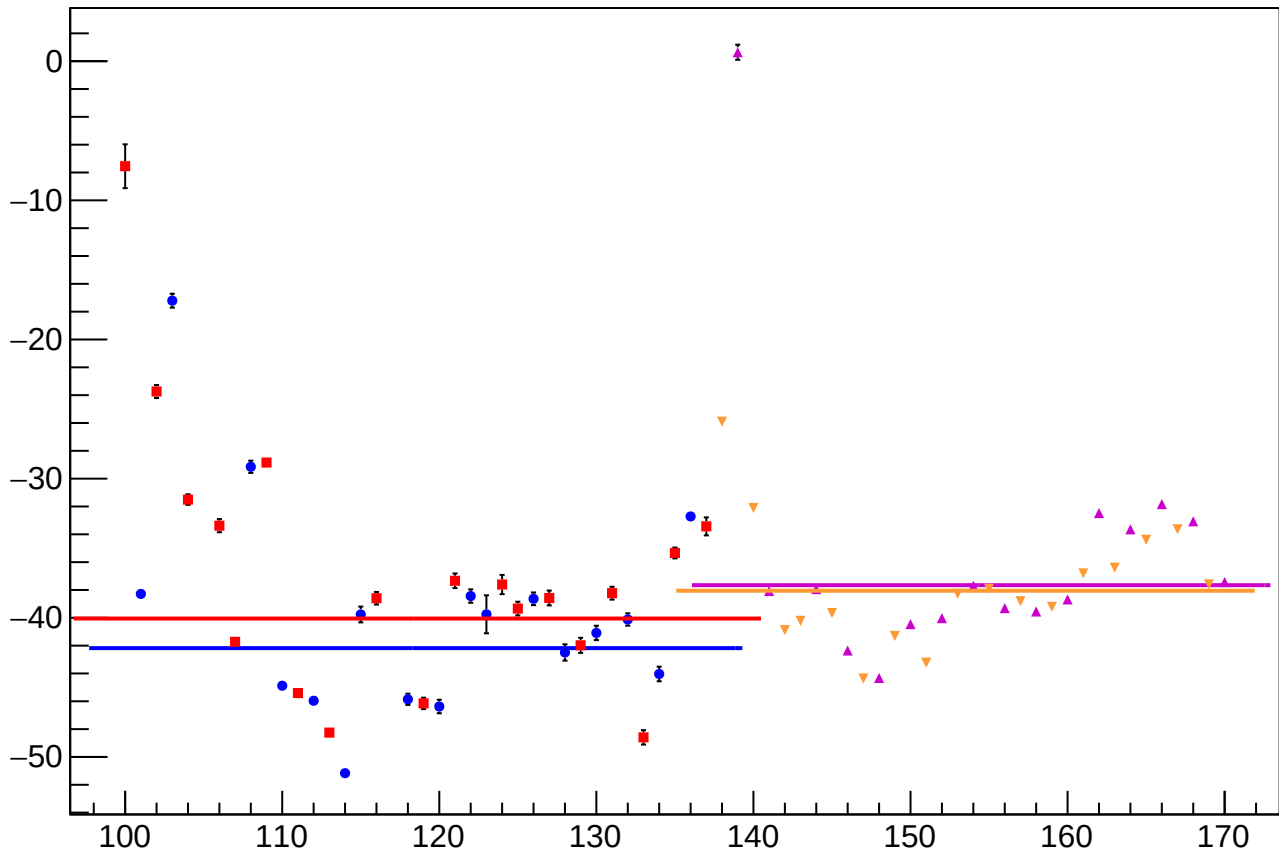
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.623 $\pm$ 0.071 χ^2 /NDF: 7865.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.420 $\pm$ 0.073 χ^2 /NDF: 10017.5/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.524 $\pm$ 0.051 χ^2 /NDF: 17886.8/32
 - sign 0.000 $\pm$ 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: -38.054 ± 0.051 χ^2/NDF : 6590.0/16

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

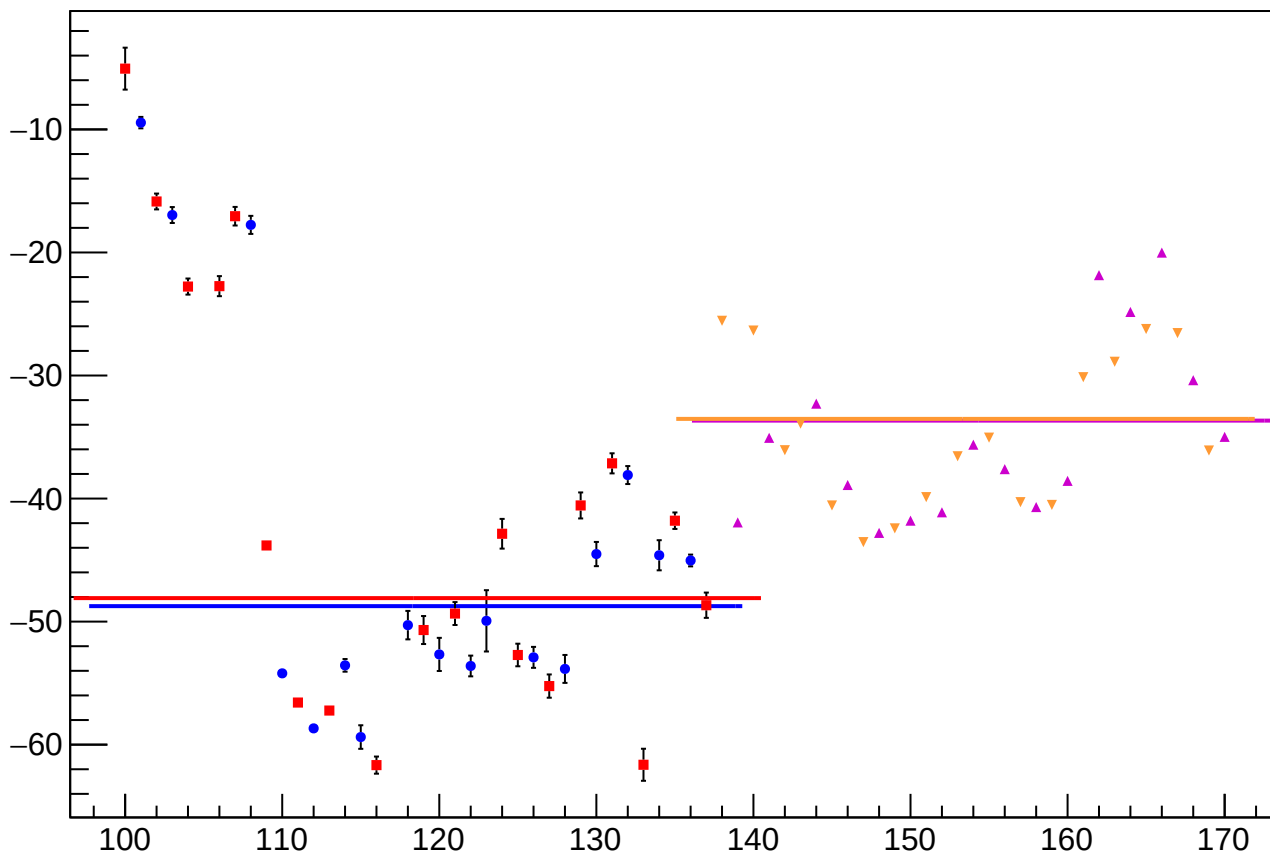
Left In: -37.655 ± 0.054 χ^2/NDF : 9512.8/15

+ sign -39.311 ± 0.043 χ^2/NDF : 15119.9/33

All: -38.906 ± 0.030 χ^2/NDF : 36828.9/68

- sign -38.497 ± 0.043 χ^2/NDF : 21530.0/34

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF : 14658.5/16

Left Out: -33.525+/-0.071 χ^2/NDF : 7554.6/16

Right Out: -48.091+/-0.107 χ^2/NDF : 11731.5/18

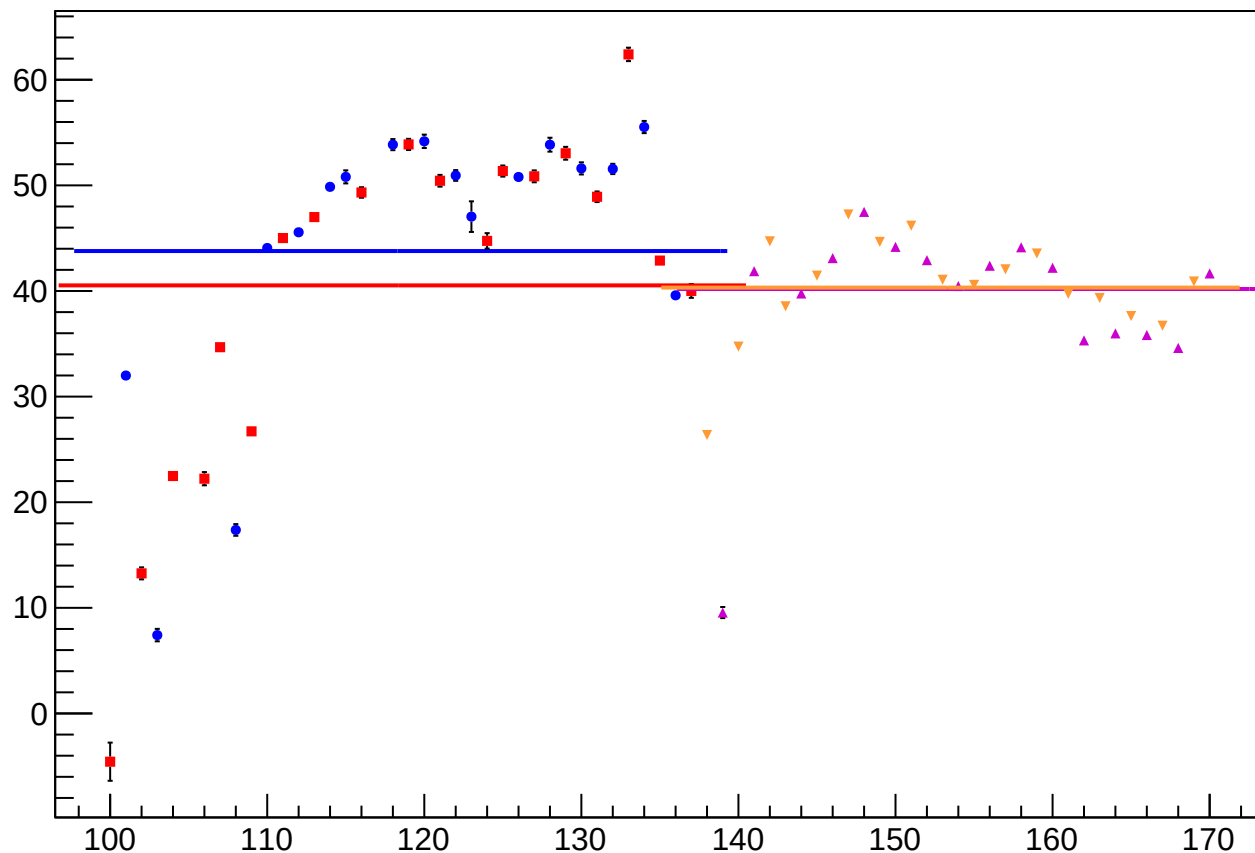
Left In: -33.665+/-0.072 χ^2/NDF : 10470.8/15

+ sign -37.279+/-0.062 χ^2/NDF : 33481.3/33

All: -37.723+/-0.043 χ^2/NDF : 68272.7/68

- sign -38.138+/-0.060 χ^2/NDF : 34691.6/34

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.321 $\pm$ 0.060 χ^2 /NDF: 5312.0/16

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

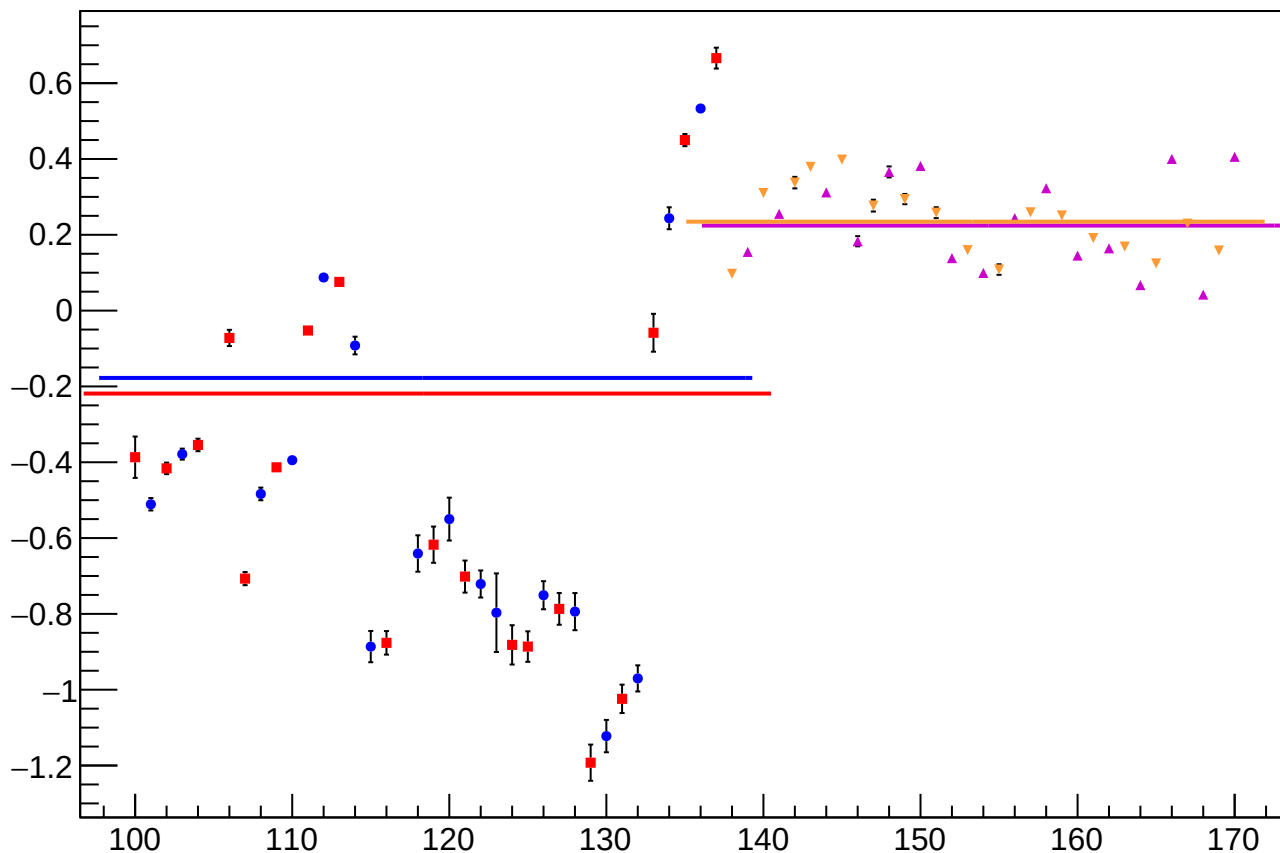
Left In: 40.188 $\pm$ 0.062 χ^2 /NDF: 6977.9/15

+ sign 41.432 $\pm$ 0.049 χ^2 /NDF: 17034.9/33

All: 40.870 $\pm$ 0.035 χ^2 /NDF: 41865.5/68

- sign 40.315 $\pm$ 0.049 χ^2 /NDF: 24570.1/34

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.235 ± 0.003 χ^2/NDF : 994.3/16

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

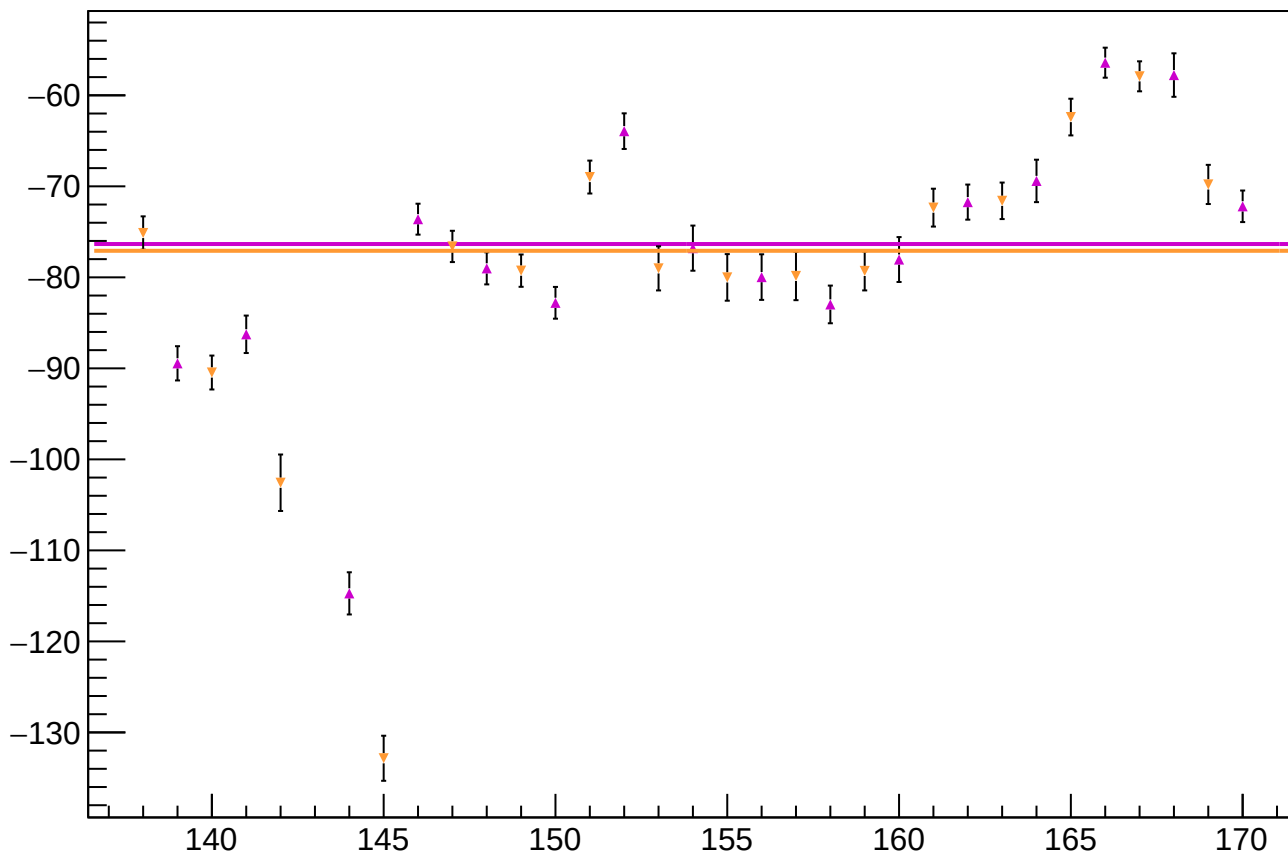
Left In: 0.224 ± 0.003 χ^2/NDF : 1800.4/15

+ sign 0.131 ± 0.002 χ^2/NDF : 13805.1/33

All: 0.110 ± 0.002 χ^2/NDF : 30627.3/68

- sign 0.090 ± 0.002 χ^2/NDF : 16680.7/34

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -77.083 $\pm$ 0.512 χ^2 /NDF:865.8/15

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

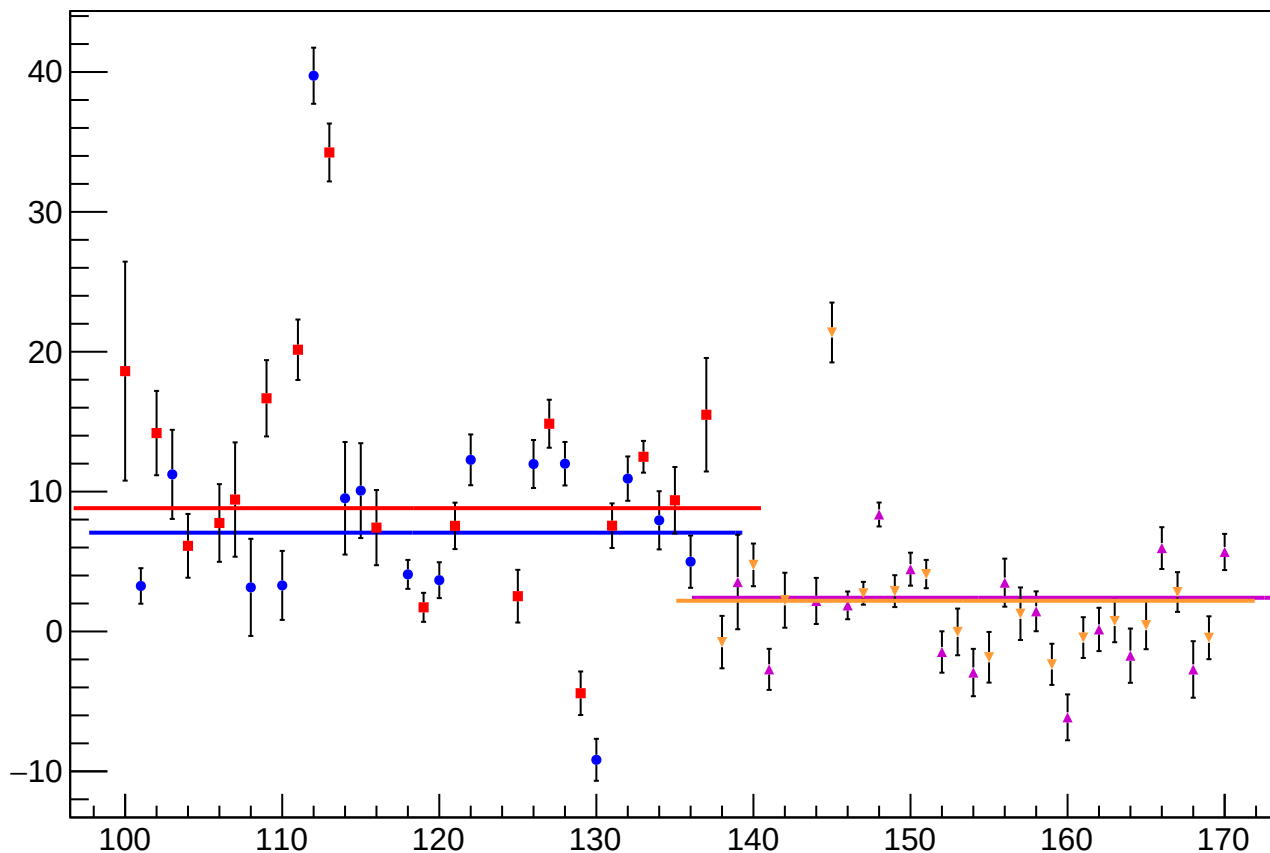
Left In: -76.339 $\pm$ 0.499 χ^2 /NDF:644.2/15

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

All: -76.701 $\pm$ 0.358 χ^2 /NDF: 1511.1/31

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

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 2.195 ± 0.353 χ^2/NDF : 114.9/15

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

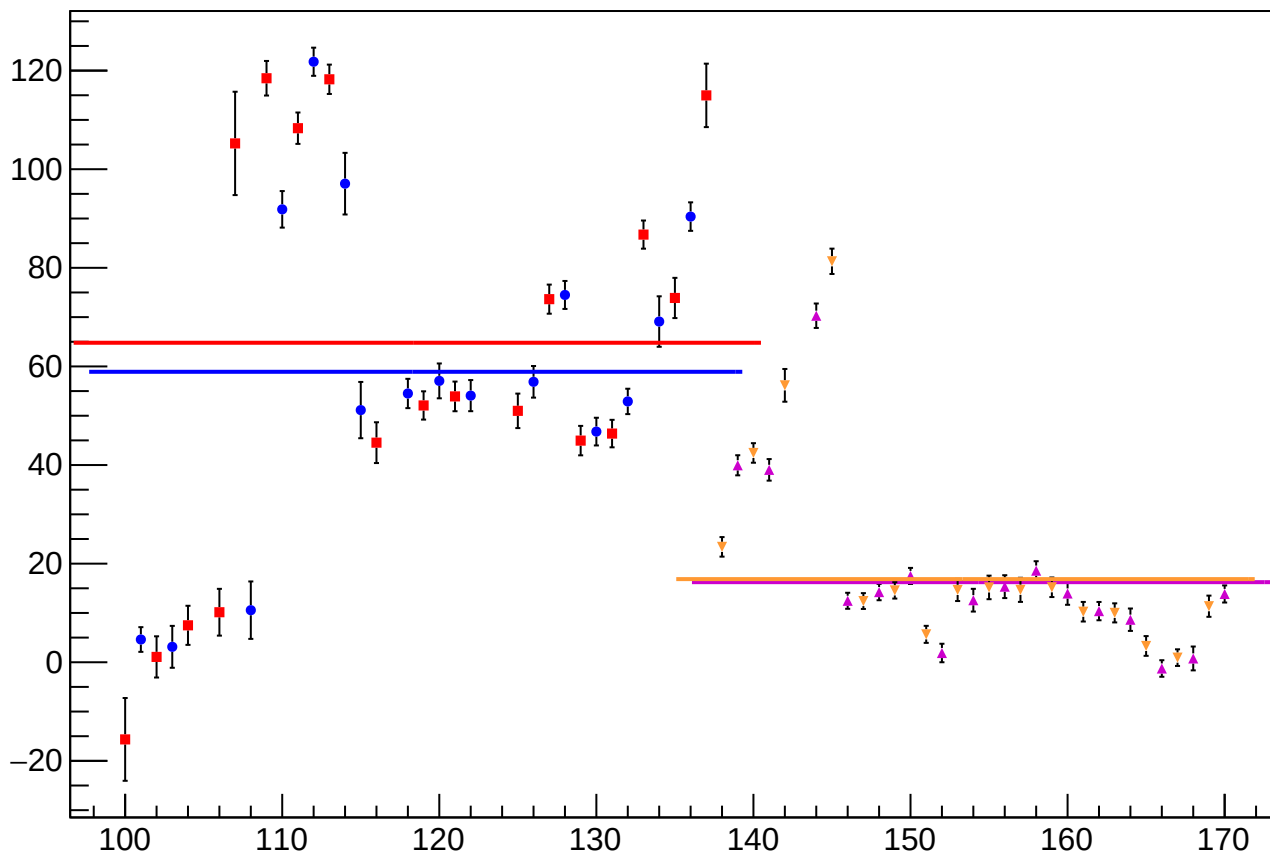
Left In: 2.410 ± 0.353 χ^2/NDF : 134.0/15

+ sign 4.137 ± 0.274 χ^2/NDF : 637.6/31

All: 4.494 ± 0.195 χ^2/NDF : 1251.0/65

- sign 4.861 ± 0.278 χ^2/NDF : 610.0/33

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 16.863 $\pm$ 0.502 χ^2 /NDF:1166.5/15

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

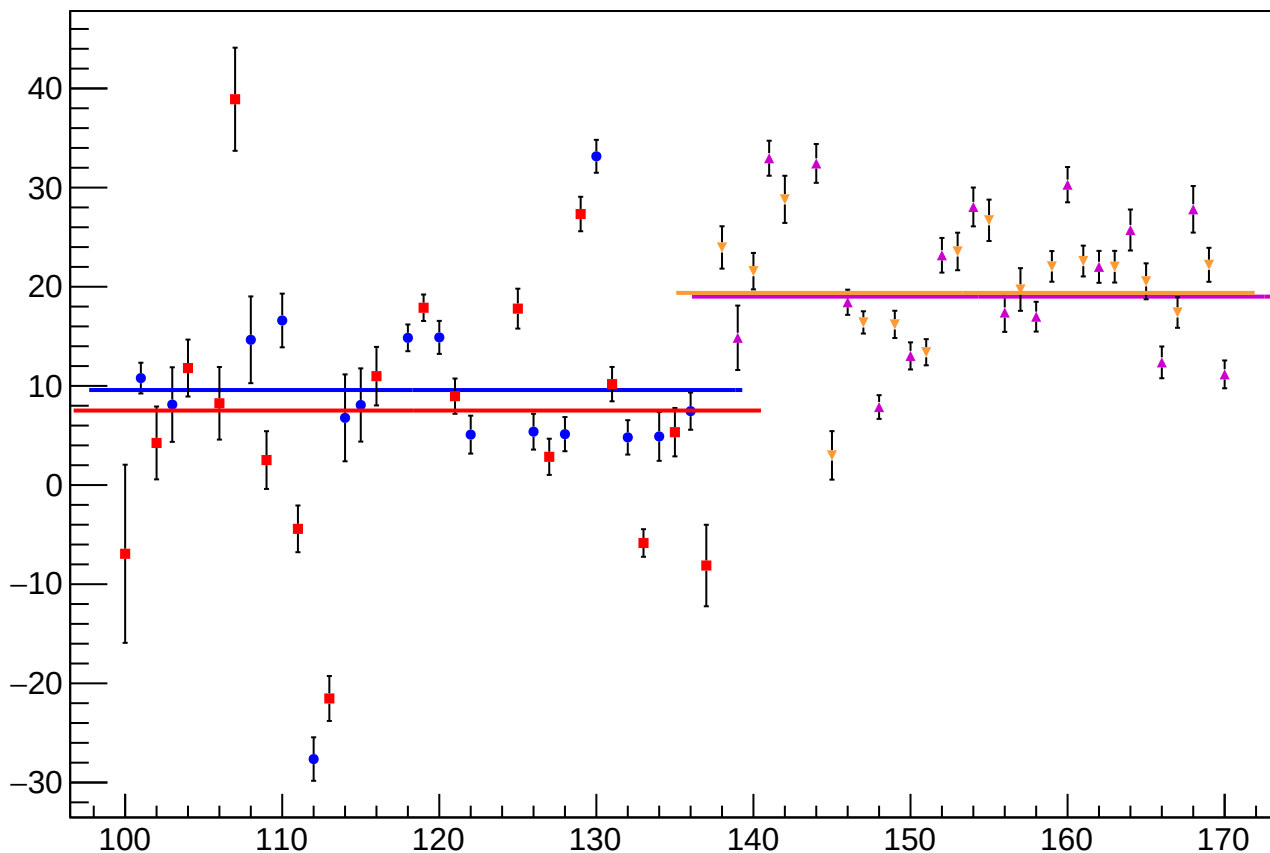
Left In: 16.245 $\pm$ 0.488 χ^2 /NDF:963.2/15

+ sign 28.099 $\pm$ 0.430 χ^2 /NDF: 4537.7/31

All: 28.303 $\pm$ 0.301 χ^2 /NDF: 9716.3/65

- sign 28.500 $\pm$ 0.422 χ^2 /NDF: 5178.2/33

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 19.382 ± 0.416 $\chi^2/\text{NDF}: 131.6/15$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

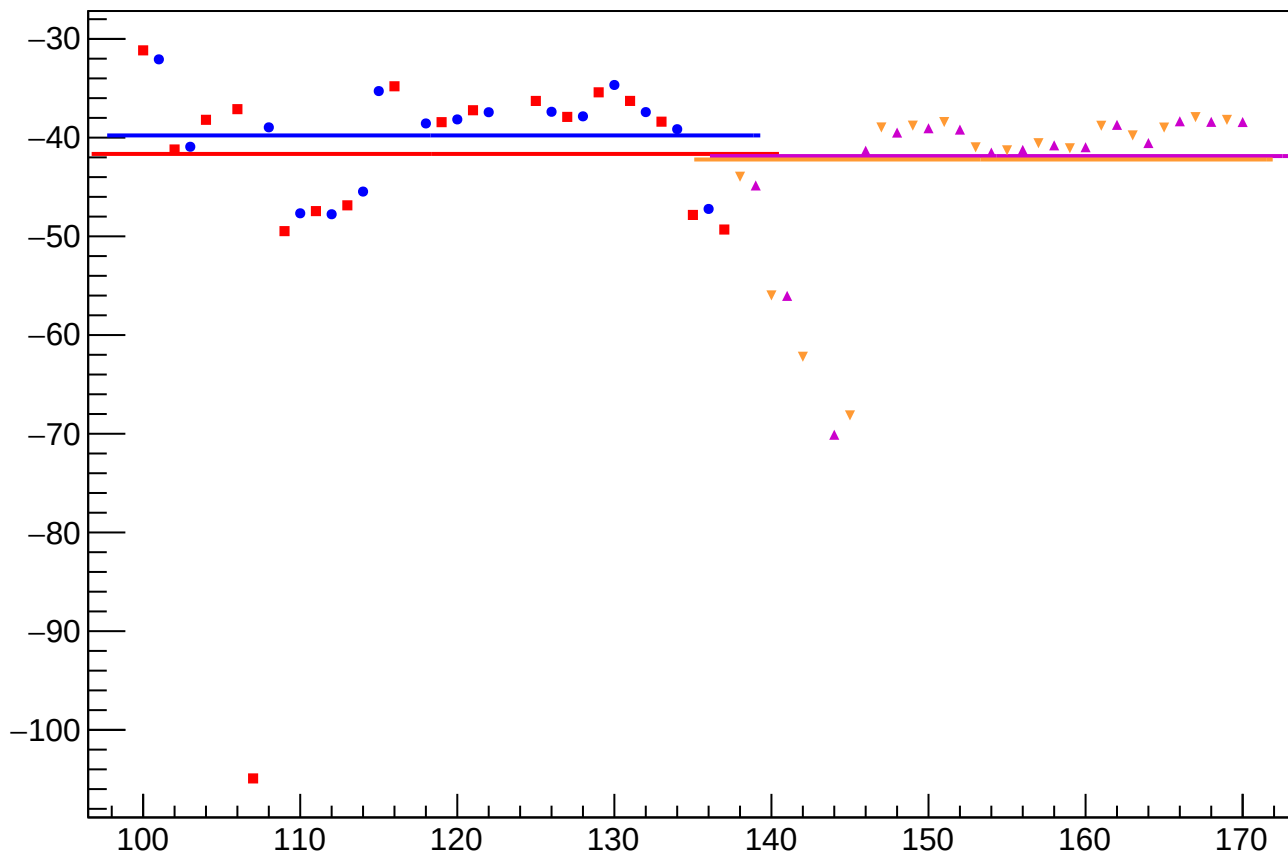
Left In: 19.004 ± 0.414 $\chi^2/\text{NDF}: 363.4/15$

+ sign 15.379 ± 0.320 $\chi^2/\text{NDF}: 912.2/31$

All: 14.945 ± 0.227 $\chi^2/\text{NDF}: 2151.0/65$

- sign 14.504 ± 0.323 $\chi^2/\text{NDF}: 1235.1/33$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -42.216 ± 0.020 χ^2/NDF : 131959.8/15

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

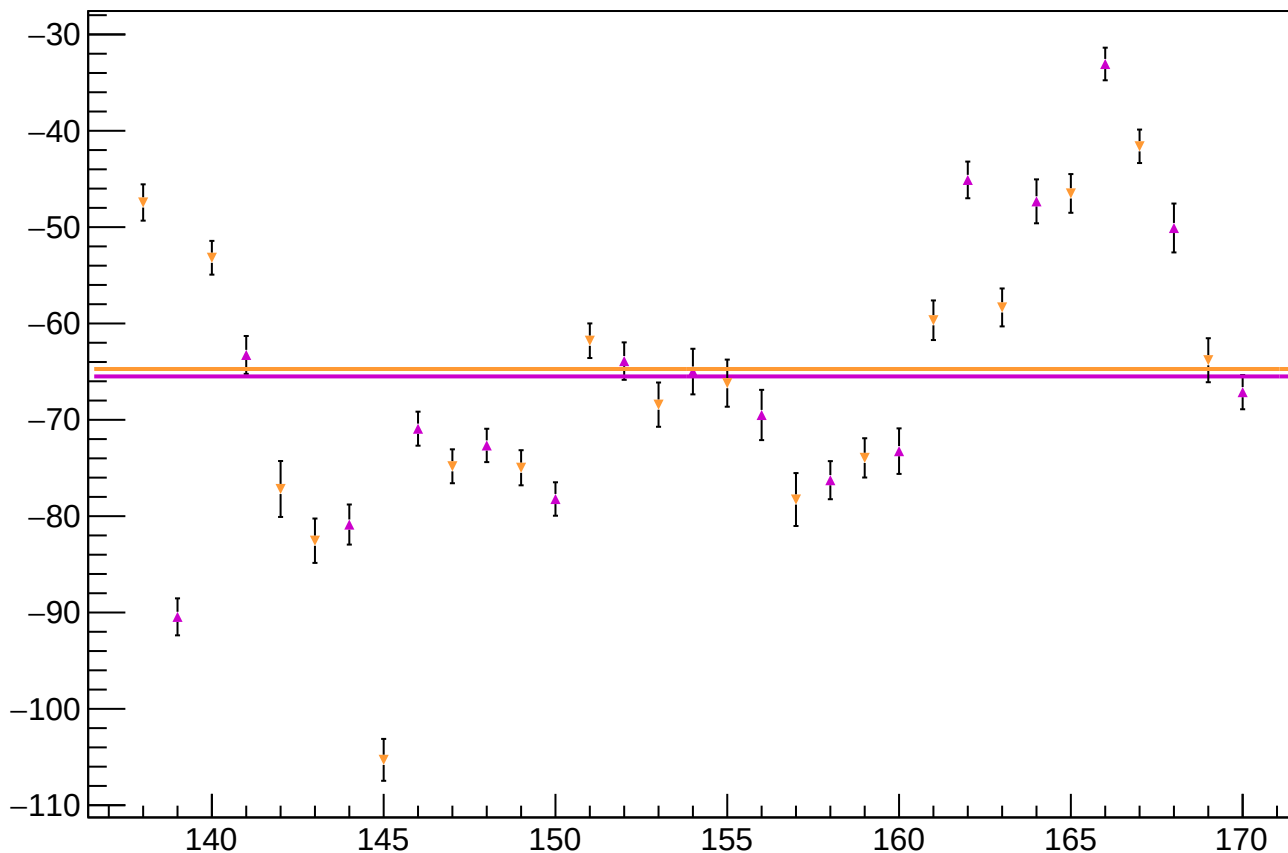
Left In: -41.867 ± 0.019 χ^2/NDF : 107998.5/15

+ sign -41.503 ± 0.017 χ^2/NDF : 162479.1/31

All: -41.659 ± 0.012 χ^2/NDF : 365138.0/65

- sign -41.807 ± 0.016 χ^2/NDF : 202490.8/33

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -64.724+/-0.497 χ^2/NDF : 945.2/16

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

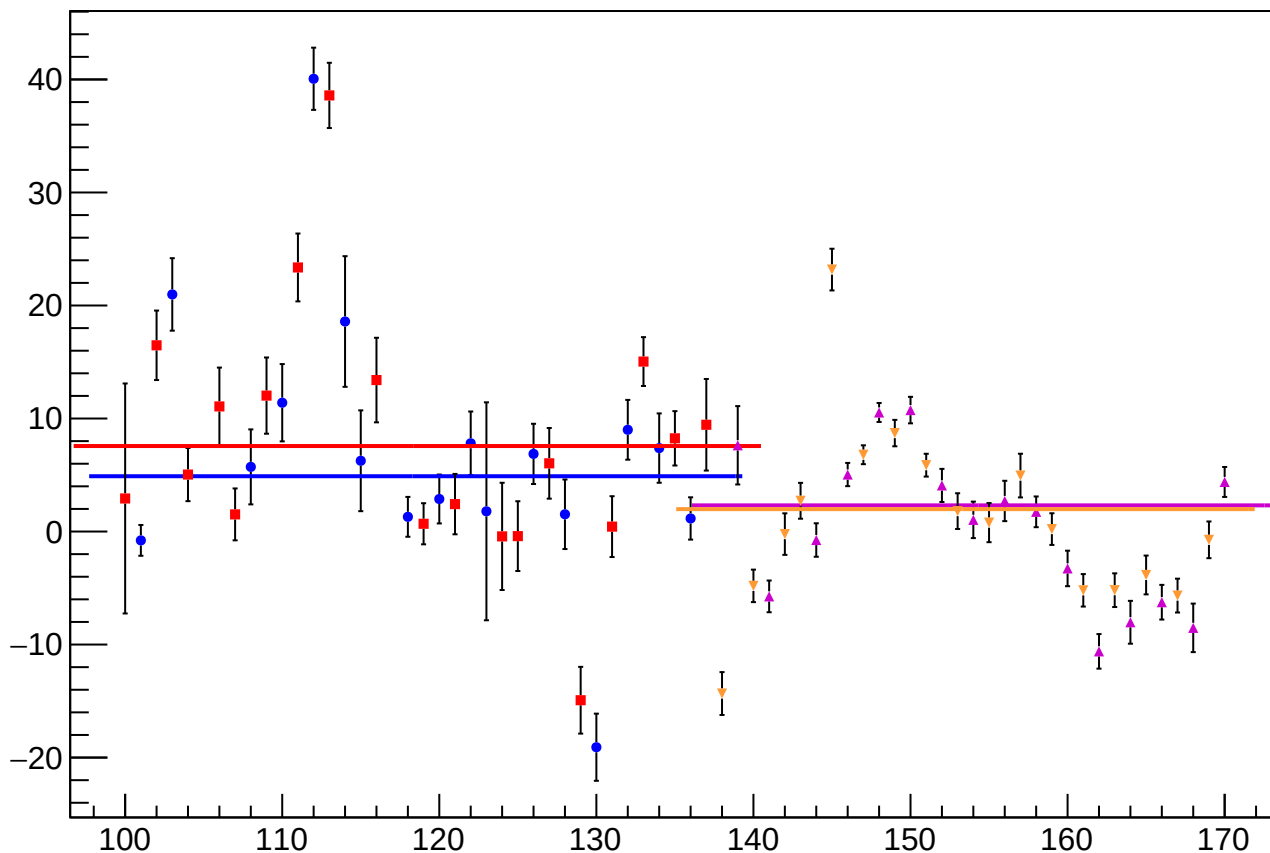
Left In: -65.495+/-0.496 χ^2/NDF : 931.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.110+/-0.351 χ^2/NDF : 1877.9/32

- 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: 1.982 ± 0.343 χ^2/NDF : 404.3/16

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

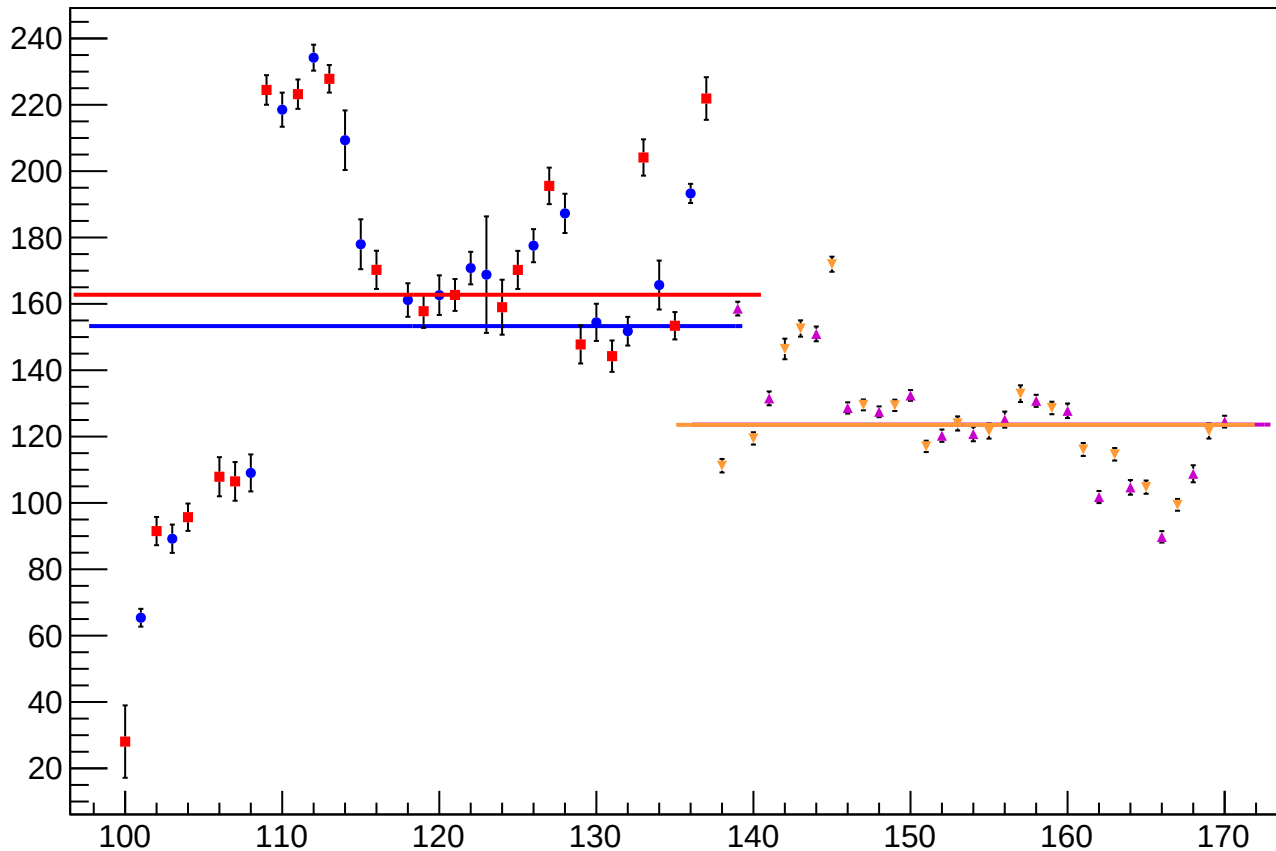
Left In: 2.315 ± 0.350 χ^2/NDF : 369.4/15

+ sign 2.662 ± 0.300 χ^2/NDF : 716.5/33

All: 3.065 ± 0.215 χ^2/NDF : 1410.2/68

- sign 3.490 ± 0.308 χ^2/NDF : 689.9/34

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 123.544 $\pm$ 0.489 χ^2 /NDF:1060.4/16

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

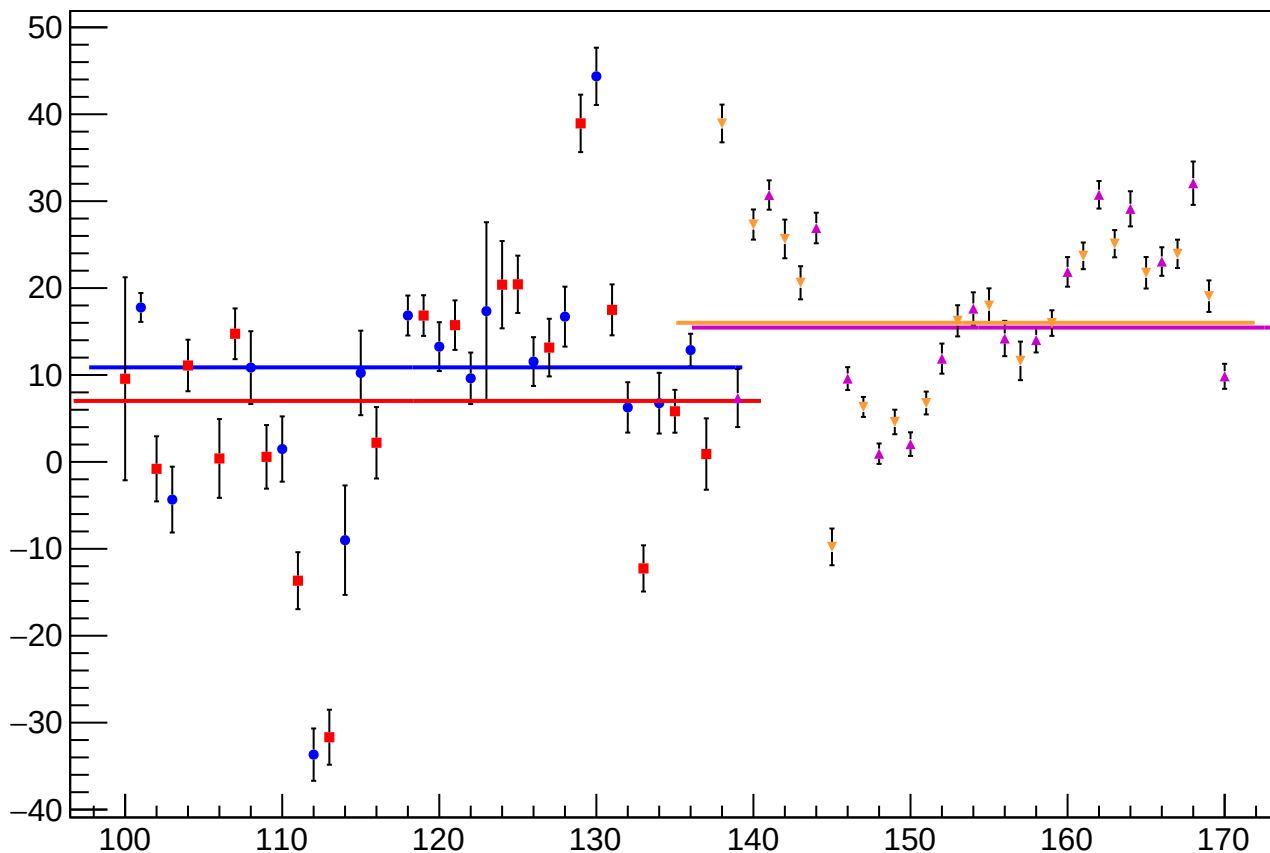
Left In: 123.613 $\pm$ 0.485 χ^2 /NDF:1149.5/15

+ sign 128.129 $\pm$ 0.449 χ^2 /NDF: 3898.6/33

All: 128.714 $\pm$ 0.317 χ^2 /NDF: 7705.8/68

- sign 129.296 $\pm$ 0.448 χ^2 /NDF: 3803.8/34

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 16.003 $\pm$ 0.404 χ^2 /NDF: 613.8/16

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

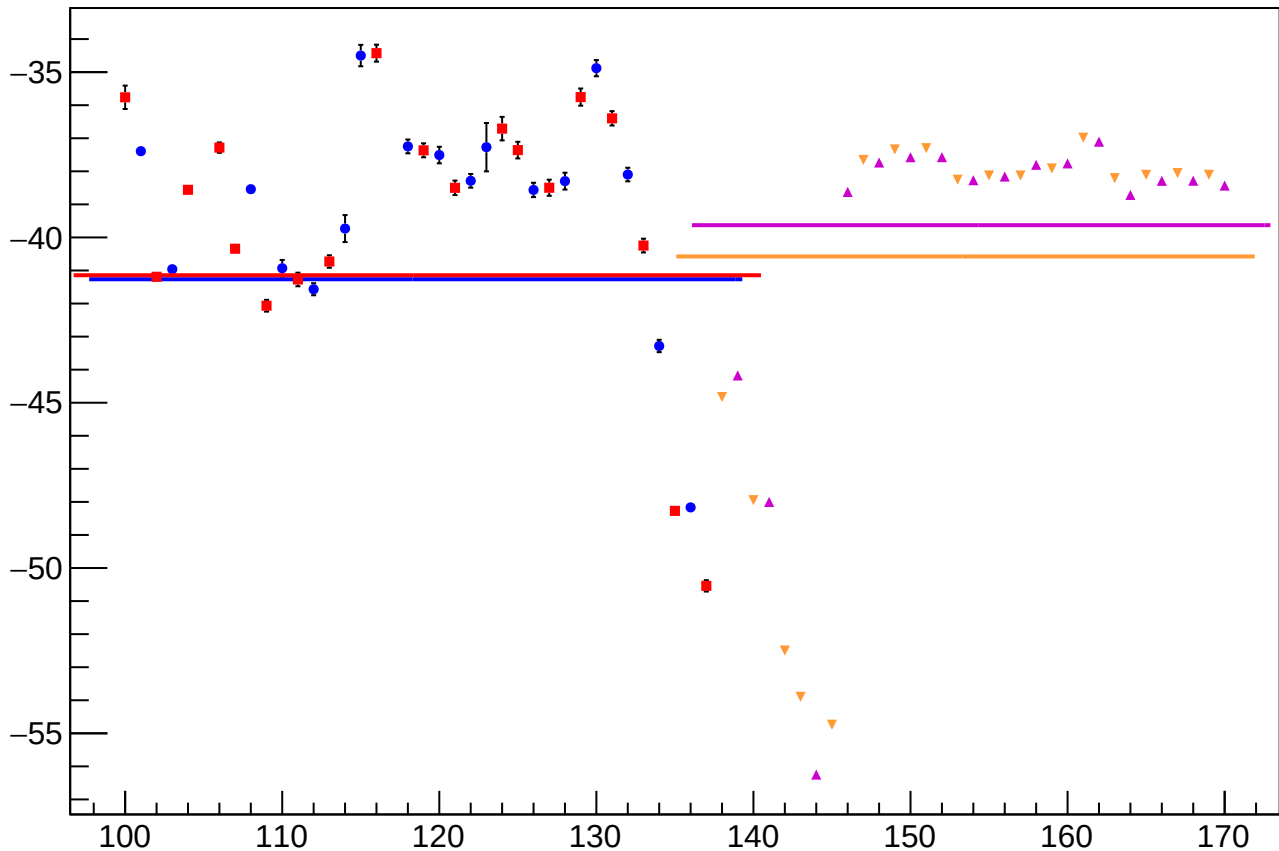
Left In: 15.456 $\pm$ 0.410 χ^2 /NDF: 640.1/15

+ sign 14.759 $\pm$ 0.351 χ^2 /NDF: 1041.0/33

All: 14.147 $\pm$ 0.251 χ^2 /NDF: 2209.8/68

- sign 13.508 $\pm$ 0.359 χ^2 /NDF: 1162.6/34

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 $\pm$ 0.038 χ^2/NDF : 12570.1/16

Left Out: -40.575 $\pm$ 0.019 χ^2/NDF : 79143.9/16

Right Out: -41.144 $\pm$ 0.039 χ^2/NDF : 12218.7/18

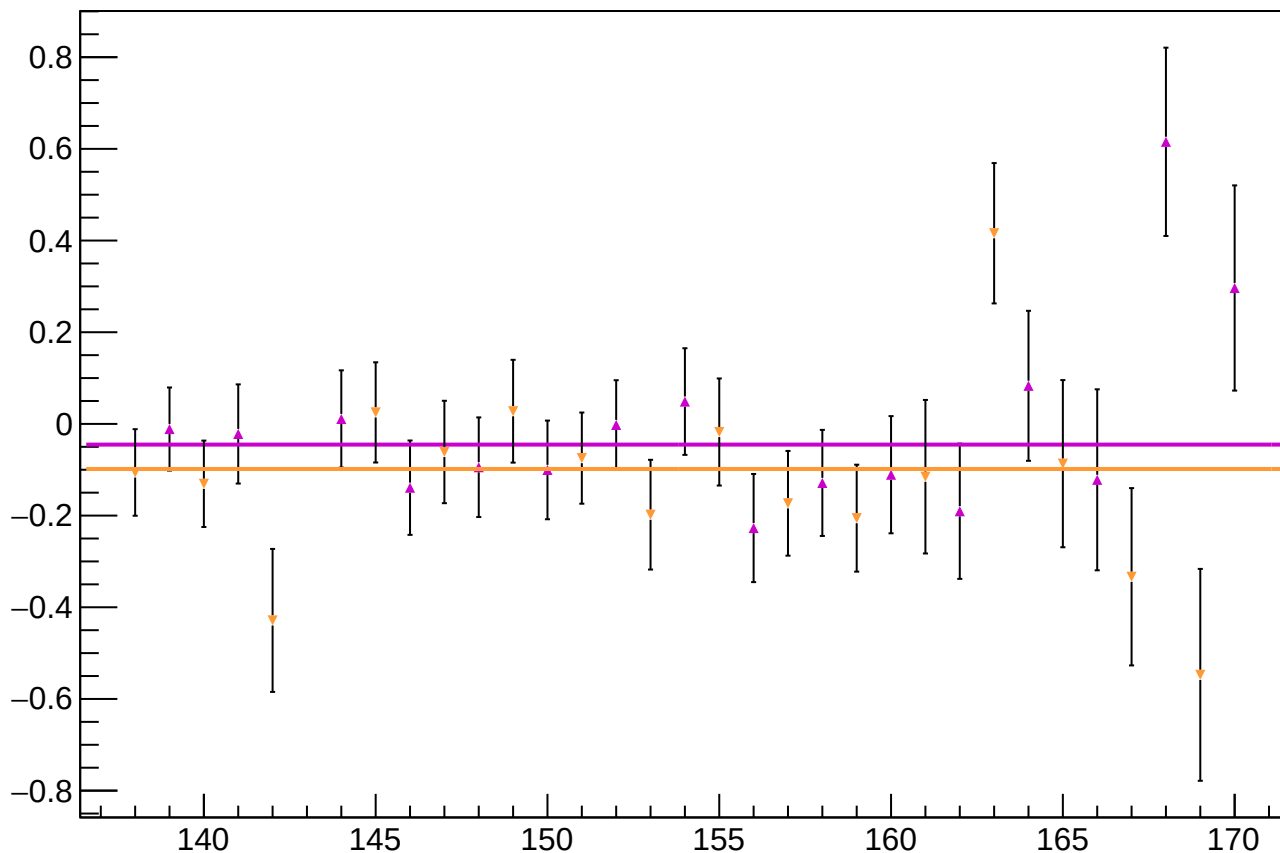
Left In: -39.629 $\pm$ 0.019 χ^2/NDF : 49470.7/15

+ sign -40.715 $\pm$ 0.017 χ^2/NDF : 91970.0/33

All: -40.318 $\pm$ 0.012 χ^2/NDF : 155932.1/68

- sign -39.929 $\pm$ 0.017 χ^2/NDF : 62923.0/34

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.098 $\pm$ 0.031 χ^2 /NDF: 26.3/15

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

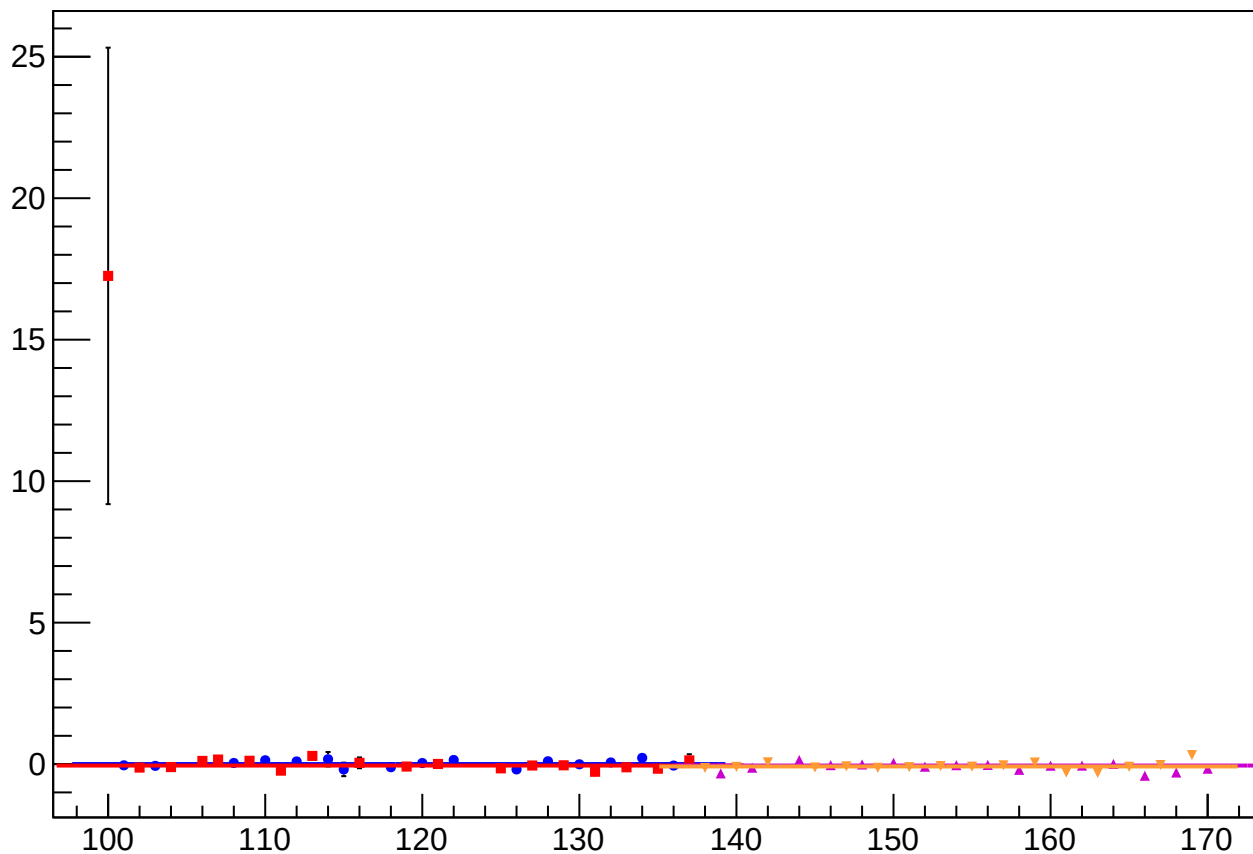
Left In: -0.045 $\pm$ 0.030 χ^2 /NDF: 20.2/15

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

All: -0.071 $\pm$ 0.022 χ^2 /NDF: 48.0/31

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.083 ± 0.021 χ^2/NDF : 19.7/15

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

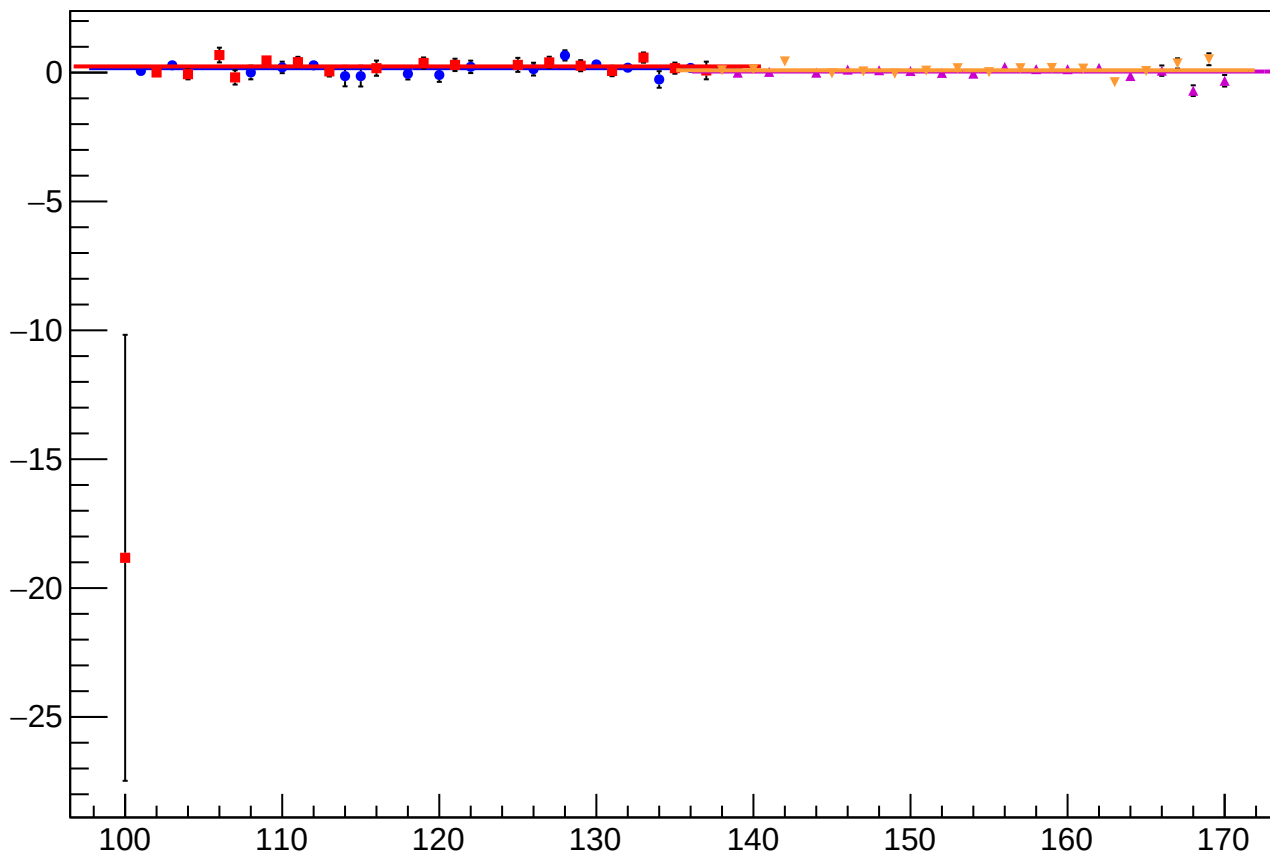
Left In: -0.050 ± 0.021 χ^2/NDF : 23.4/15

+ sign -0.052 ± 0.017 χ^2/NDF : 38.0/31

All: -0.051 ± 0.012 χ^2/NDF : 87.1/65

- sign -0.051 ± 0.017 χ^2/NDF : 49.2/33

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.088 $\pm$ 0.030 χ^2 /NDF: 24.7/15

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

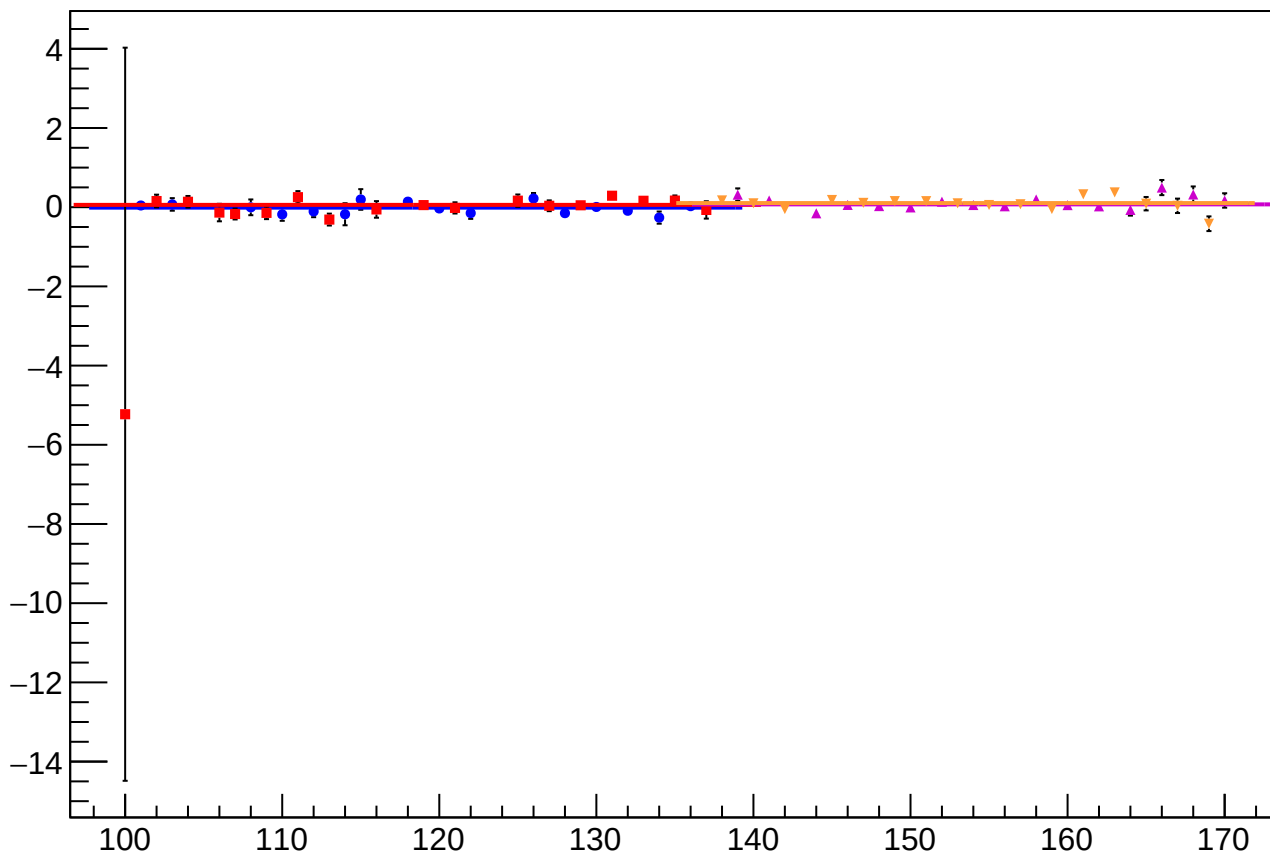
Left In: 0.040 $\pm$ 0.029 χ^2 /NDF: 23.6/15

+ sign 0.109 $\pm$ 0.026 χ^2 /NDF: 40.2/31

All: 0.097 $\pm$ 0.018 χ^2 /NDF: 96.5/65

- sign 0.086 $\pm$ 0.026 χ^2 /NDF: 55.9/33

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.104 ± 0.025 χ^2/NDF : 22.7/15

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

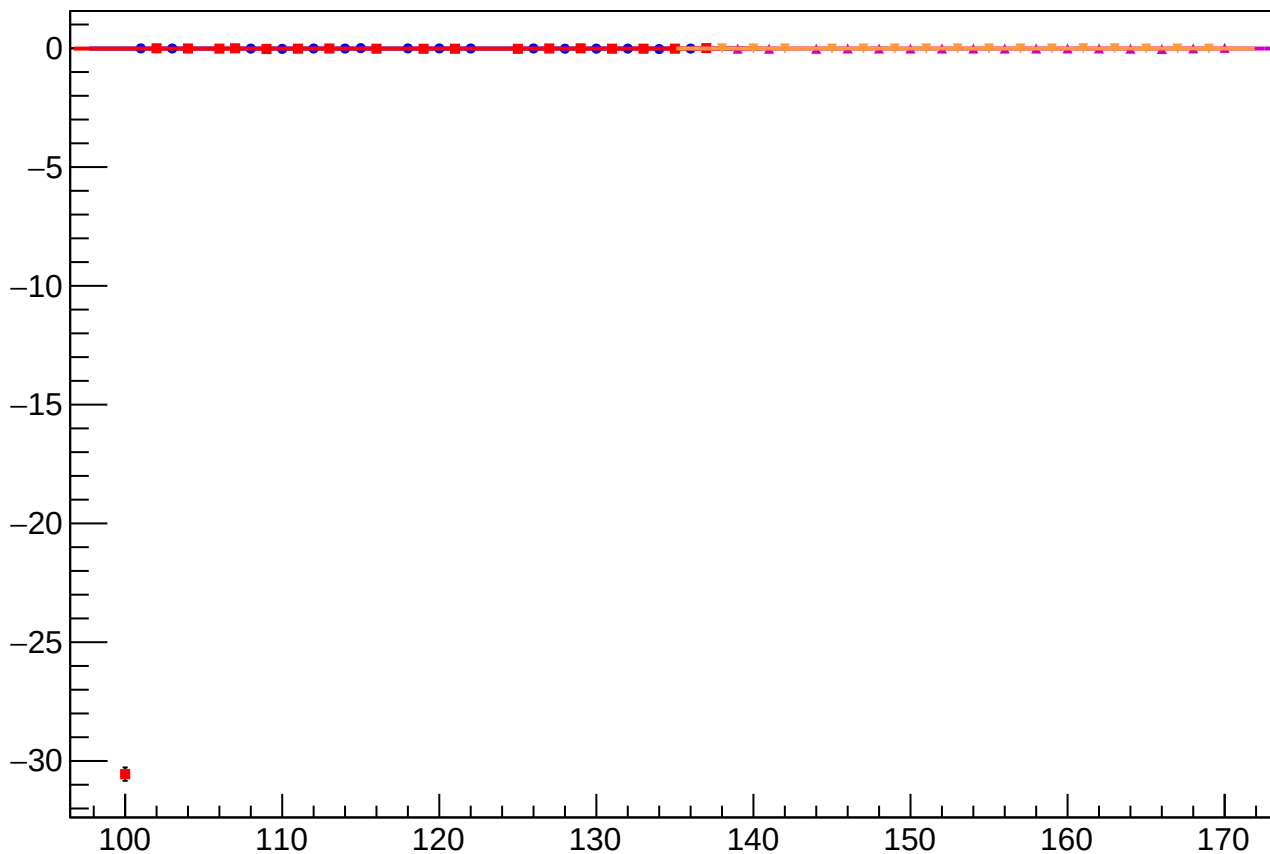
Left In: 0.071 ± 0.025 χ^2/NDF : 22.0/15

+ sign 0.061 ± 0.020 χ^2/NDF : 44.3/31

All: 0.064 ± 0.014 χ^2/NDF : 87.0/65

- sign 0.067 ± 0.020 χ^2/NDF : 42.6/33

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 13.5/15

Right Out: -0.012 ± 0.002 χ^2/NDF : 11891.5/17

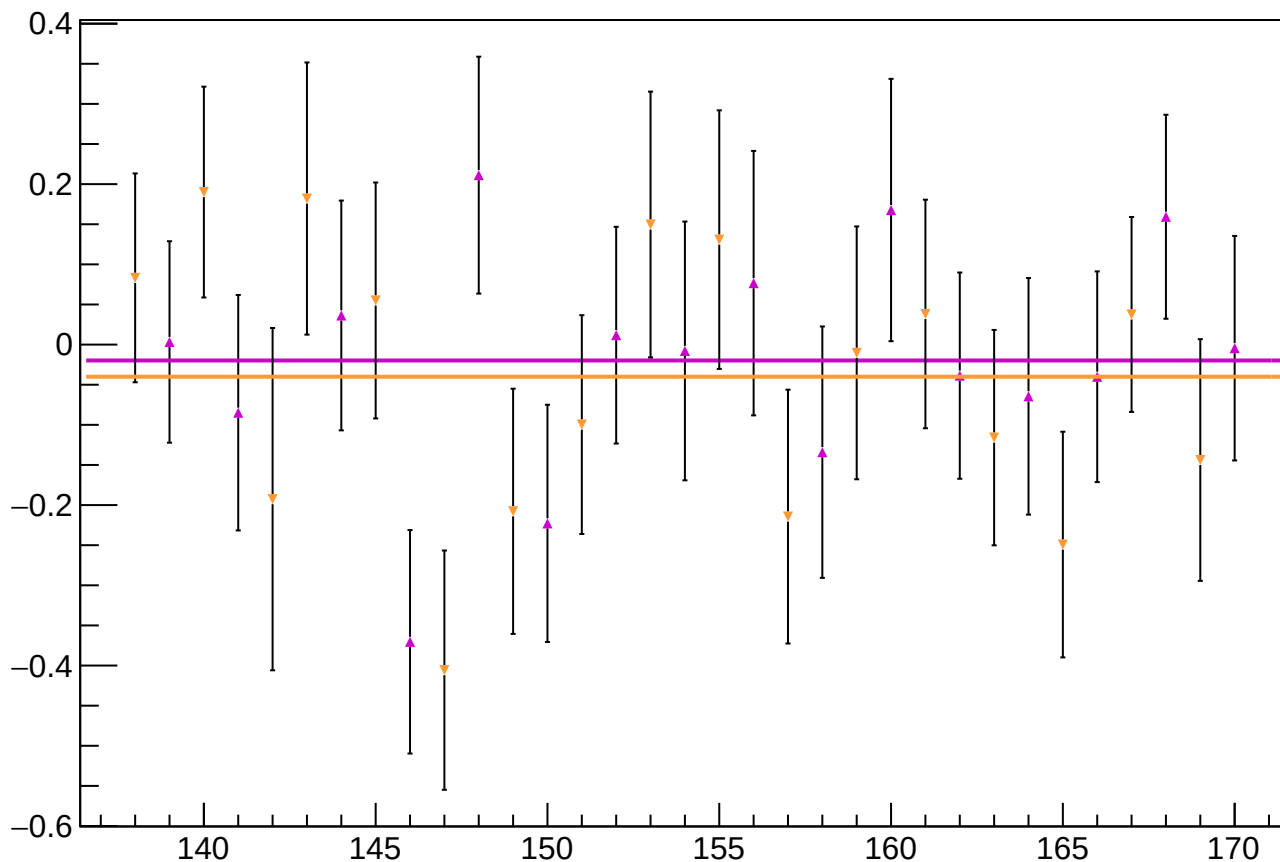
Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

+ sign -0.009 ± 0.001 χ^2/NDF : 28.9/31

All: -0.010 ± 0.001 χ^2/NDF : 11951.8/65

- sign -0.011 ± 0.001 χ^2/NDF : 11922.0/33

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.040 $\pm$ 0.036 χ^2 /NDF: 21.4/16

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

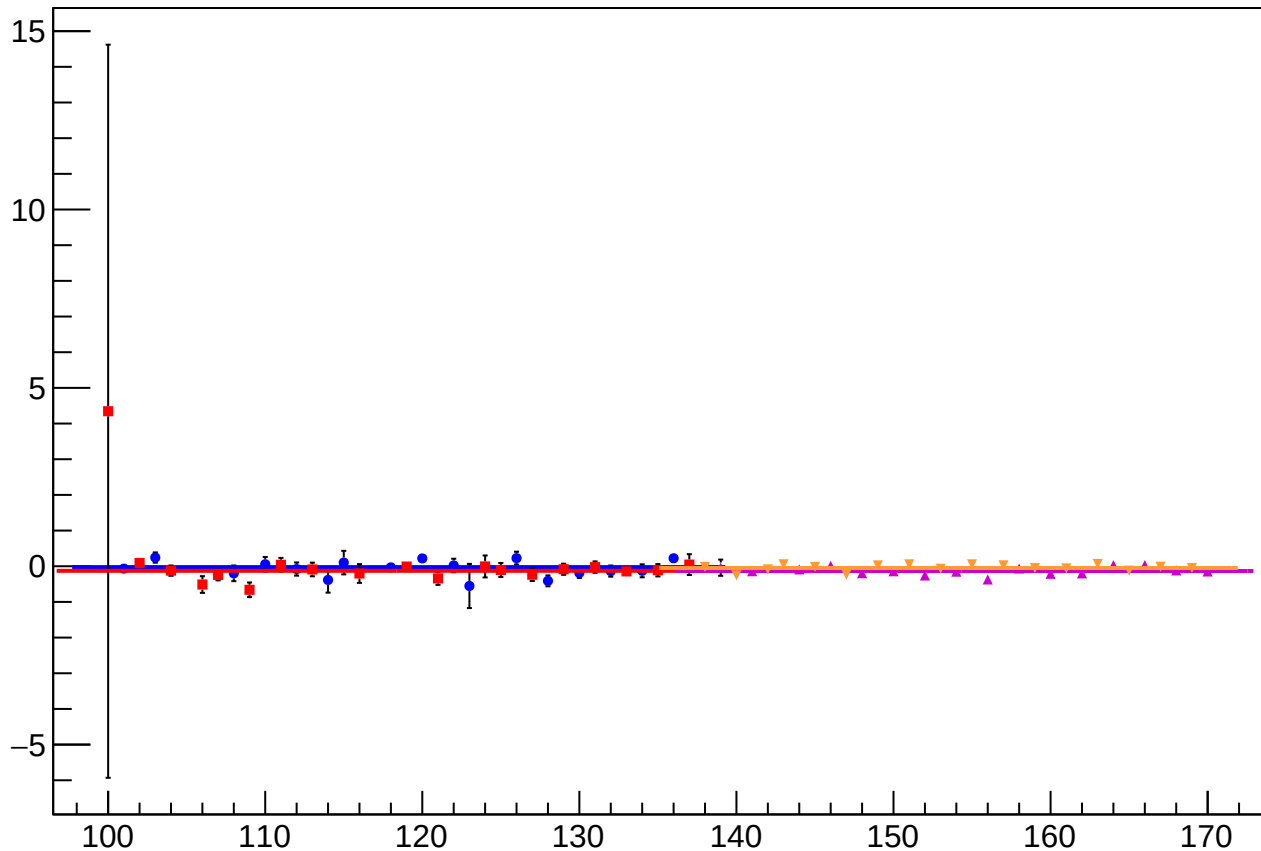
Left In: -0.020 $\pm$ 0.036 χ^2 /NDF: 15.4/15

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

All: -0.030 $\pm$ 0.025 χ^2 /NDF: 37.0/32

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.050 ± 0.025 χ^2/NDF : 16.5/16

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

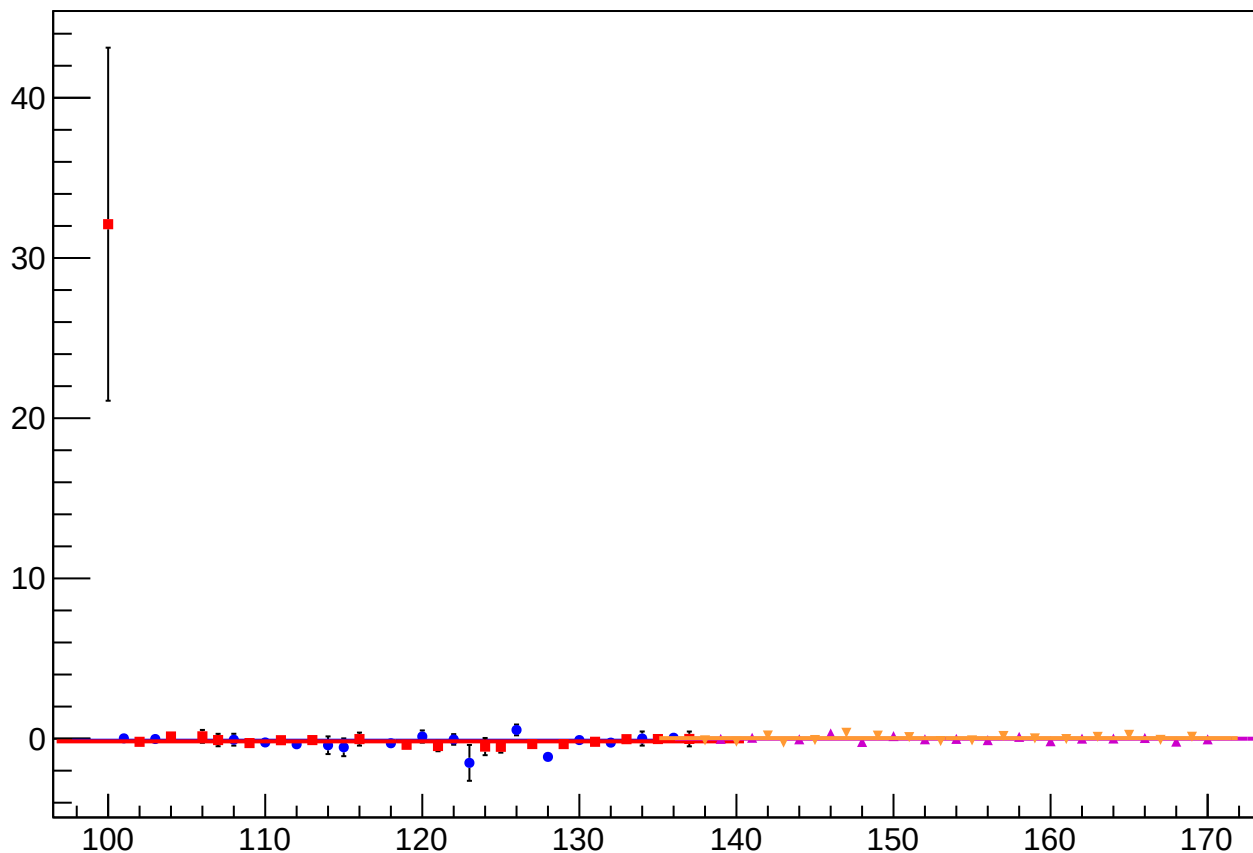
Left In: -0.134 ± 0.026 χ^2/NDF : 15.3/15

+ sign -0.042 ± 0.021 χ^2/NDF : 40.2/33

All: -0.085 ± 0.015 χ^2/NDF : 82.1/68

- sign -0.132 ± 0.022 χ^2/NDF : 32.9/34

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.030 ± 0.035 χ^2/NDF : 21.1/16

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

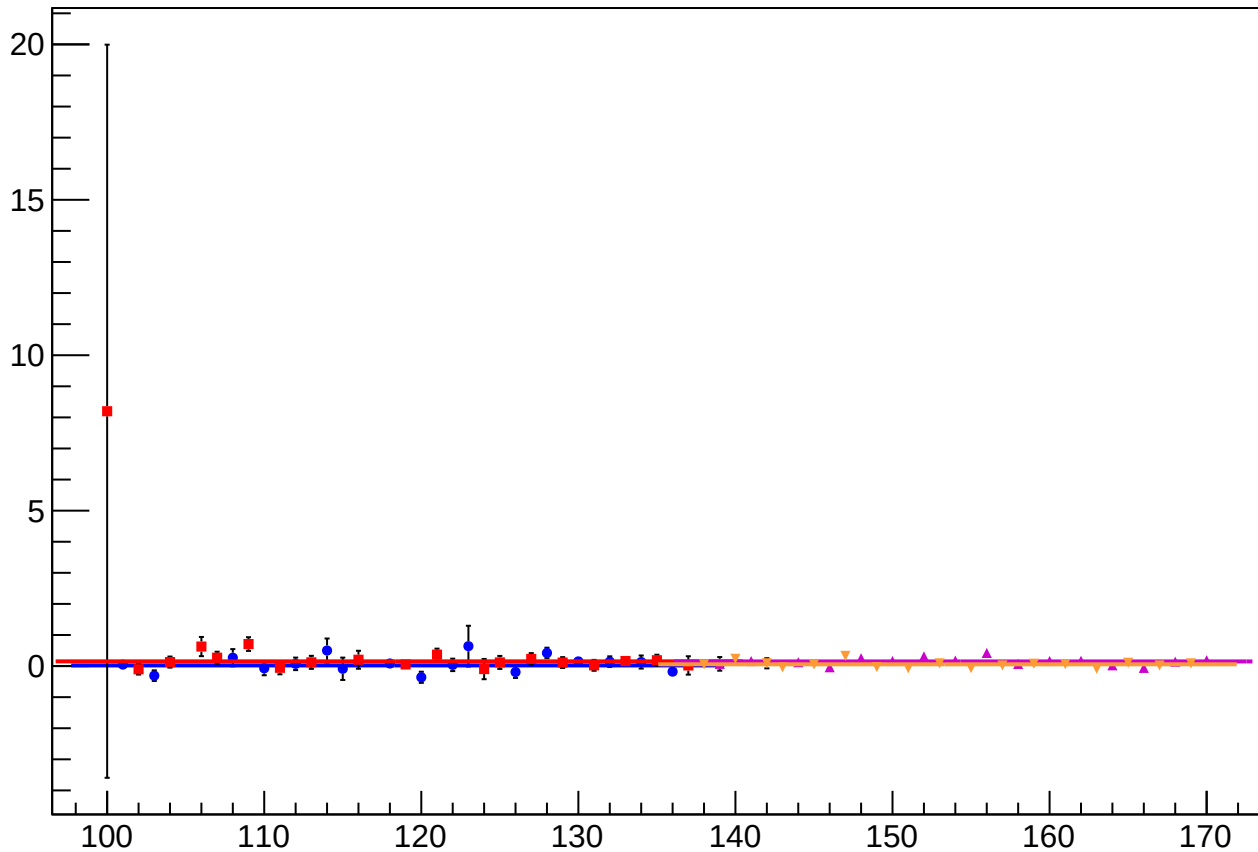
Left In: -0.005 ± 0.035 χ^2/NDF : 14.1/15

+ sign -0.005 ± 0.031 χ^2/NDF : 49.3/33

All: -0.021 ± 0.022 χ^2/NDF : 83.4/68

- sign -0.038 ± 0.031 χ^2/NDF : 33.6/34

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.057 ± 0.030 χ^2/NDF : 15.5/16

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

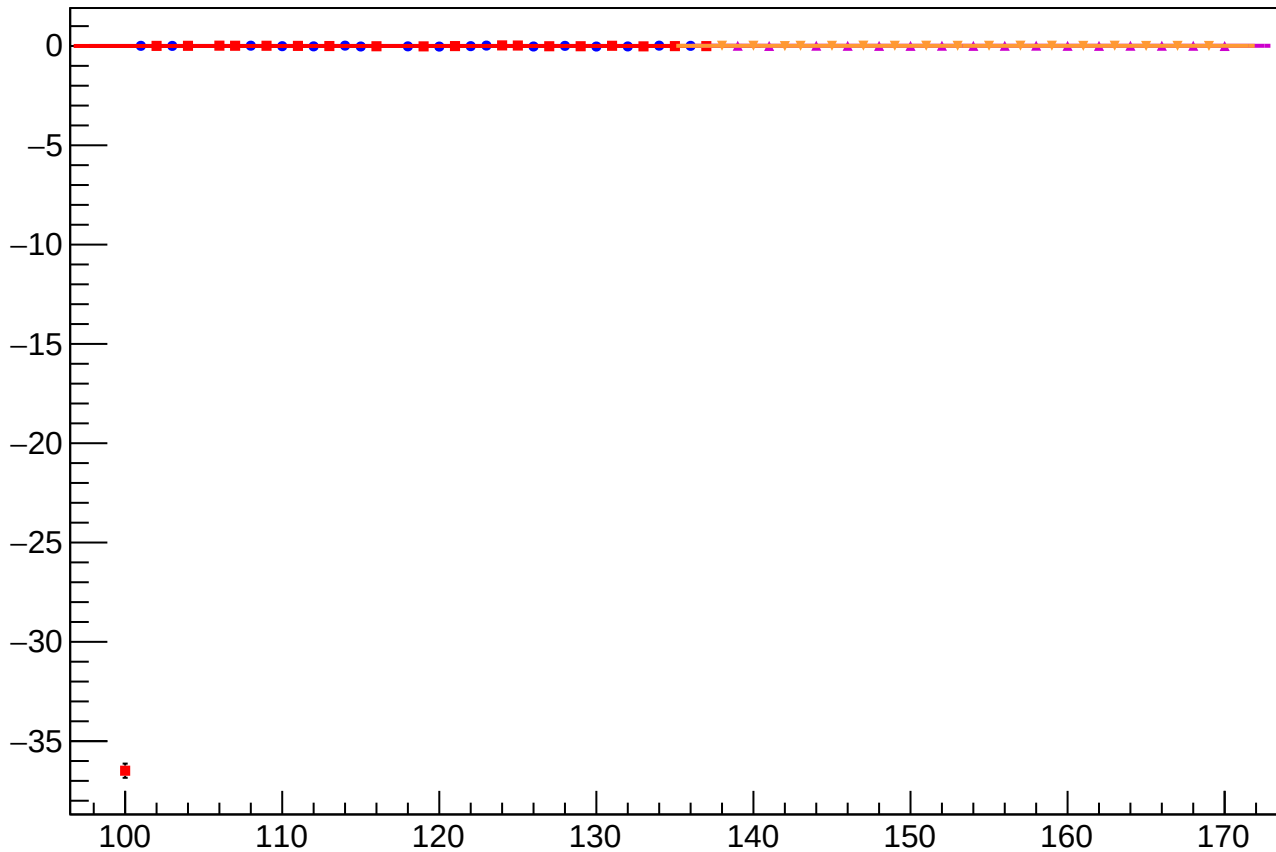
Left In: 0.150 ± 0.030 χ^2/NDF : 15.0/15

+ sign 0.045 ± 0.024 χ^2/NDF : 38.5/33

All: 0.096 ± 0.017 χ^2/NDF : 78.8/68

- sign 0.150 ± 0.025 χ^2/NDF : 31.2/34

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF: 11.4/16

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

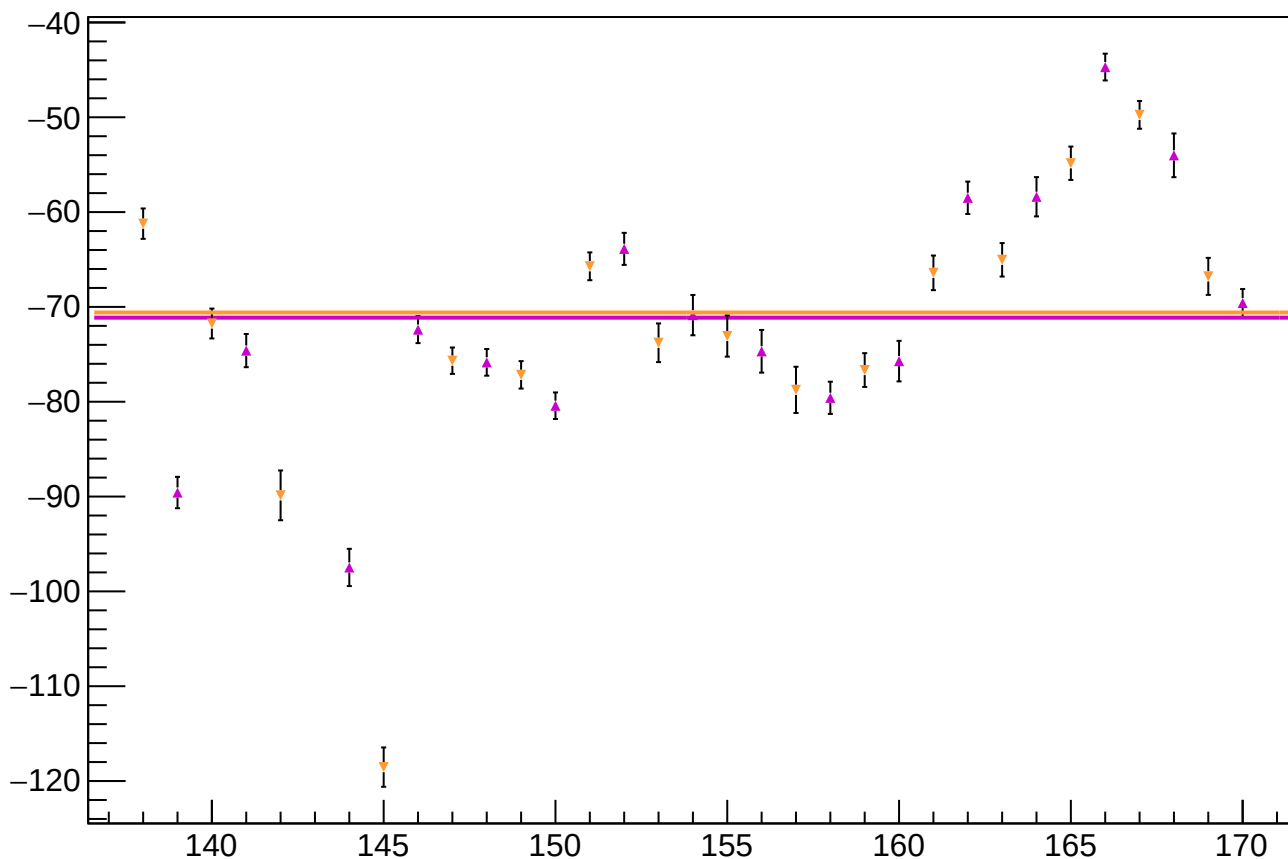
Left In: 0.011 $\pm$ 0.001 χ^2 /NDF: 9.8/15

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 52.9/33

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10525.5/68

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10472.1/34

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -70.589+/-0.437 χ^2/NDF : 995.1/15

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

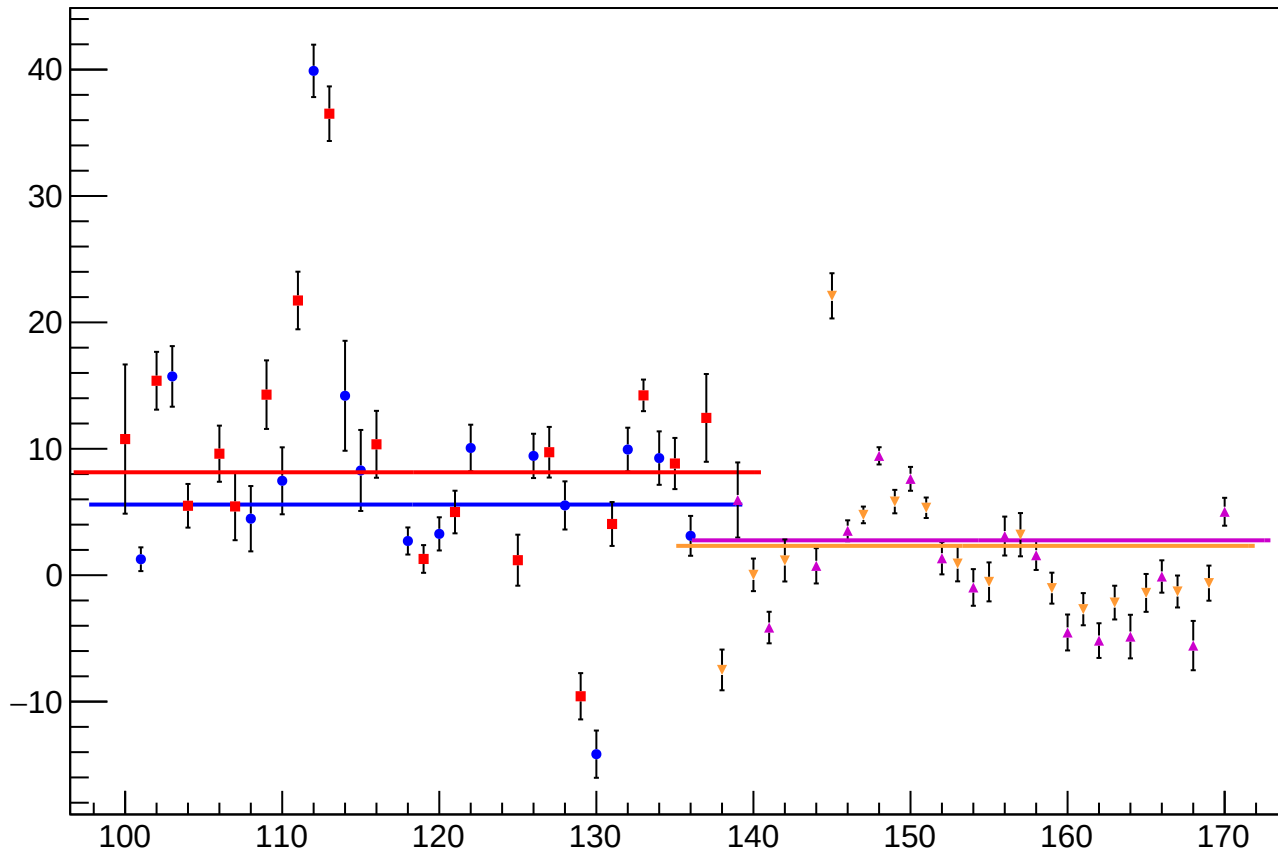
Left In: -71.134+/-0.426 χ^2/NDF : 913.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.869+/-0.305 χ^2/NDF : 1909.3/31

- 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: 2.321 ± 0.297 χ^2/NDF : 262.8/15

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

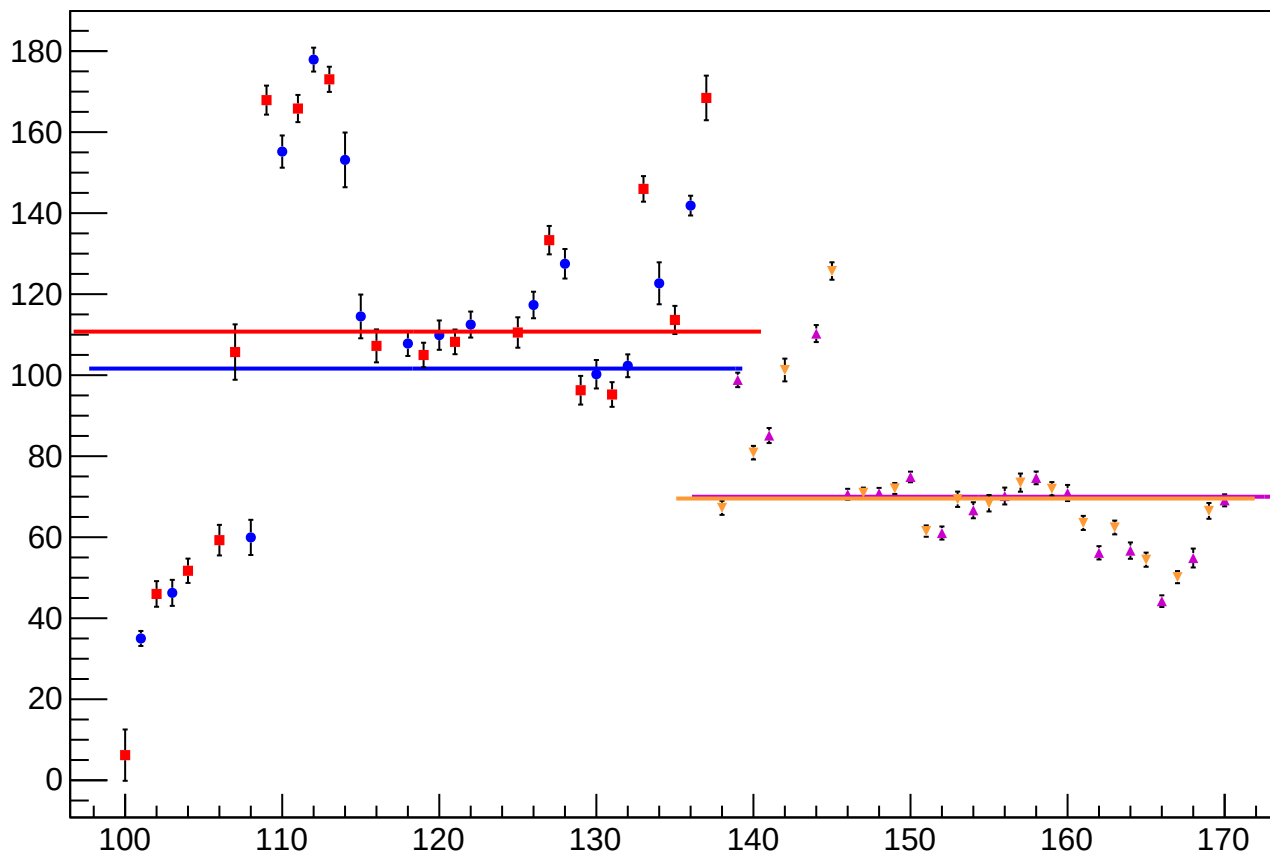
Left In: 2.759 ± 0.297 χ^2/NDF : 272.7/15

+ sign 3.397 ± 0.243 χ^2/NDF : 765.5/31

All: 3.876 ± 0.174 χ^2/NDF : 1552.4/65

- sign 4.377 ± 0.249 χ^2/NDF : 778.9/33

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 69.548 $\pm$ 0.427 χ^2 /NDF:1171.4/15

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

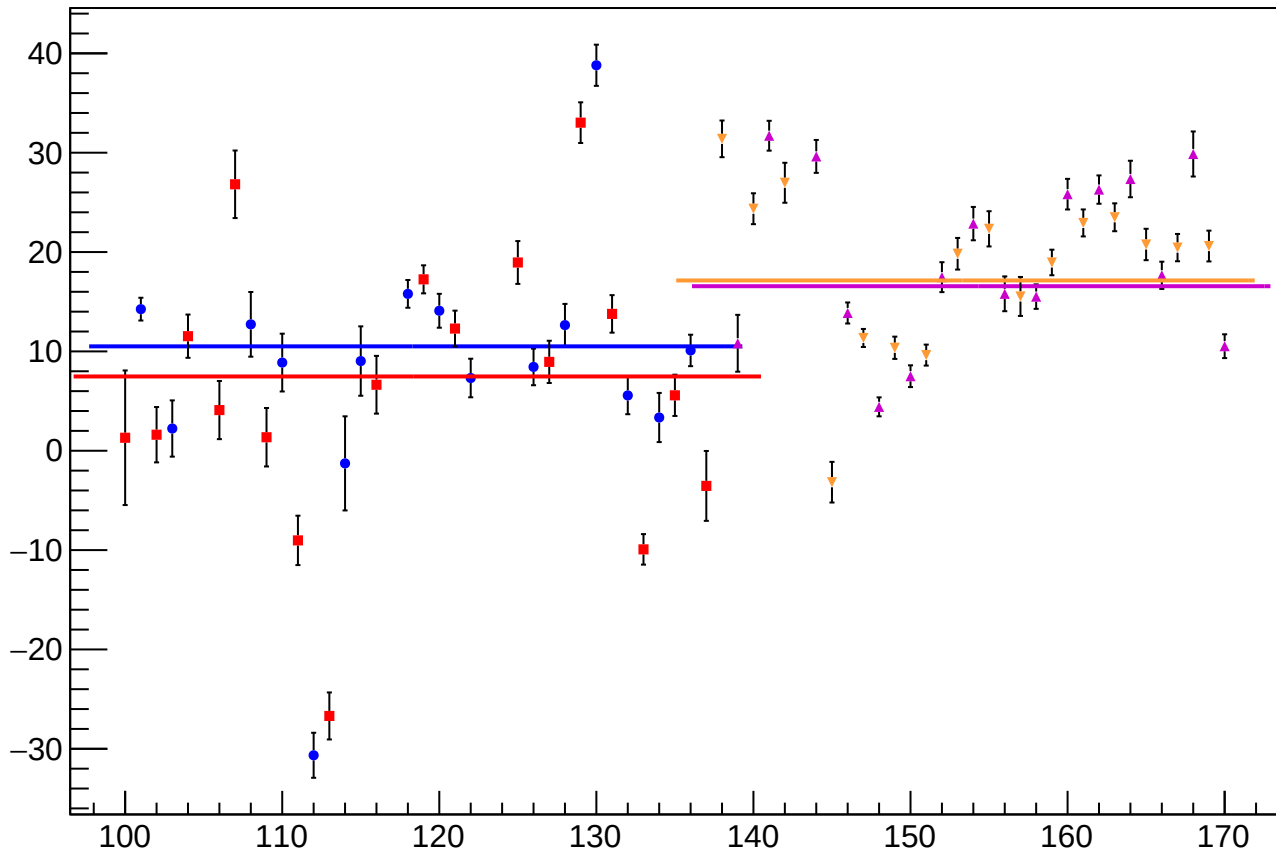
Left In: 69.994 $\pm$ 0.416 χ^2 /NDF:1227.6/15

+ sign 76.575 $\pm$ 0.378 χ^2 /NDF: 5384.8/31

All: 77.331 $\pm$ 0.265 χ^2 /NDF: 11039.0/65

- sign 78.066 $\pm$ 0.372 χ^2 /NDF: 5646.3/33

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 17.141 $\pm$ 0.352 χ^2 /NDF: 400.2/15

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

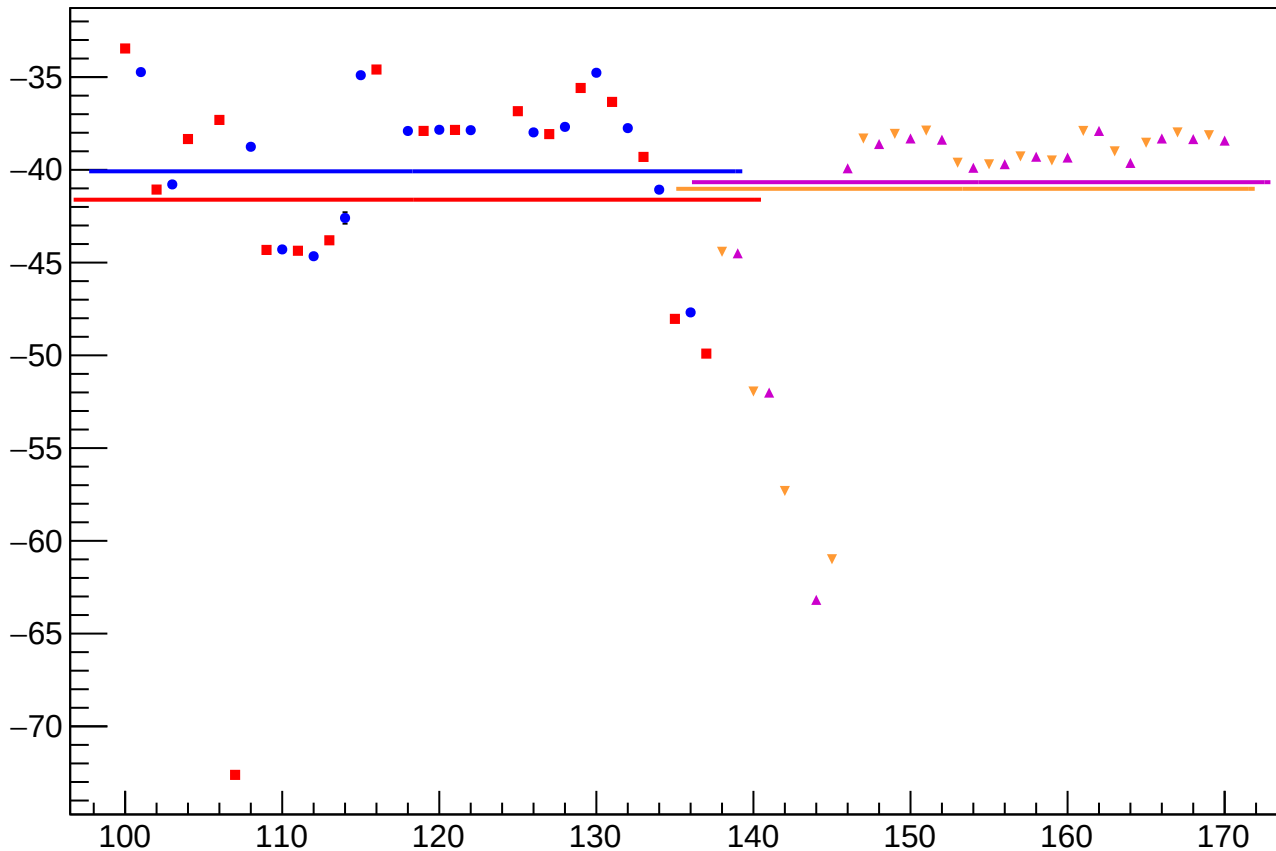
Left In: 16.562 $\pm$ 0.350 χ^2 /NDF: 597.9/15

+ sign 14.895 $\pm$ 0.286 χ^2 /NDF: 1101.9/31

All: 14.337 $\pm$ 0.204 χ^2 /NDF: 2604.8/65

- sign 13.761 $\pm$ 0.291 χ^2 /NDF: 1495.1/33

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -41.023 ± 0.017 $\chi^2/\text{NDF}: 117837.9/15$

Right Out: -41.609 ± 0.029 $\chi^2/\text{NDF}: 61784.6/17$

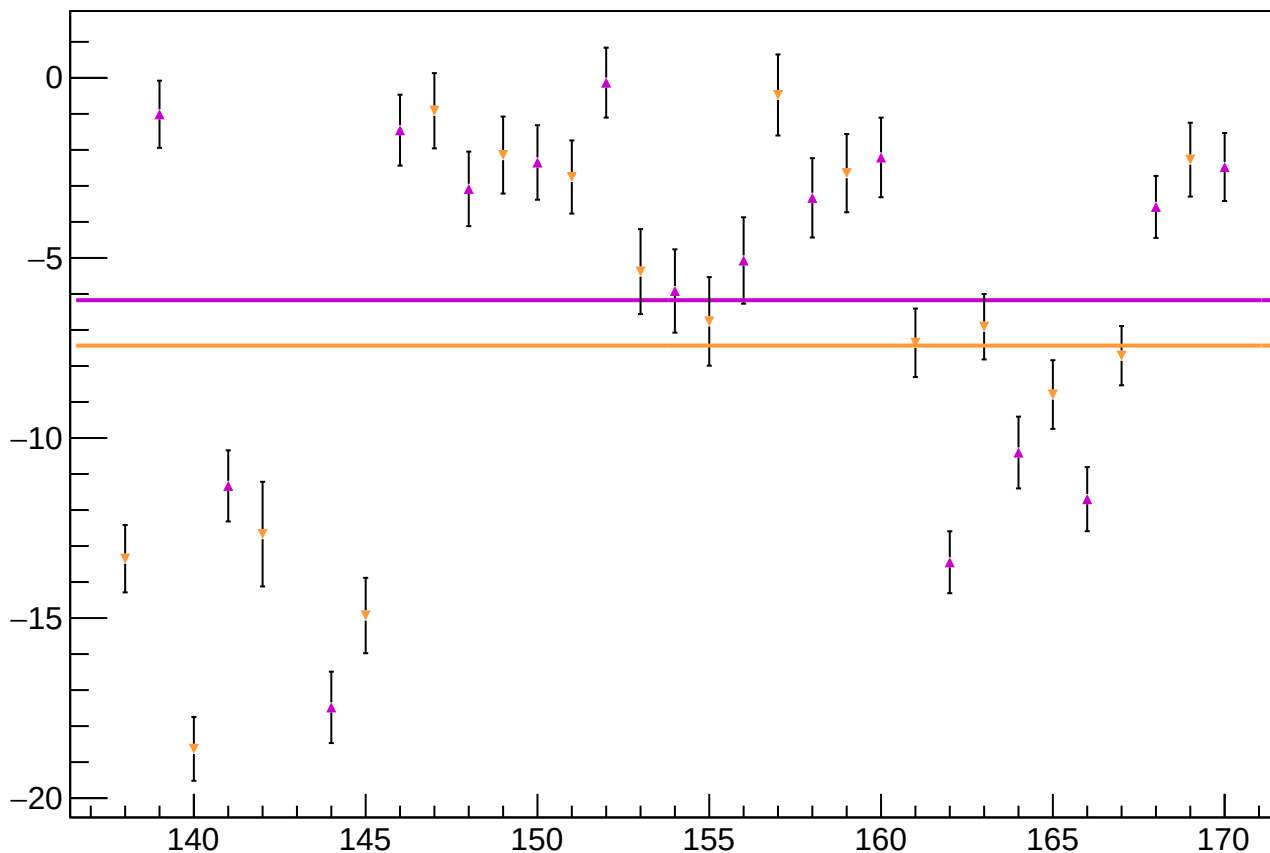
Left In: -40.665 ± 0.016 $\chi^2/\text{NDF}: 97632.7/15$

+ sign -40.770 ± 0.015 $\chi^2/\text{NDF}: 143780.5/31$

All: -40.837 ± 0.010 $\chi^2/\text{NDF}: 304058.4/65$

- sign -40.901 ± 0.014 $\chi^2/\text{NDF}: 160236.7/33$

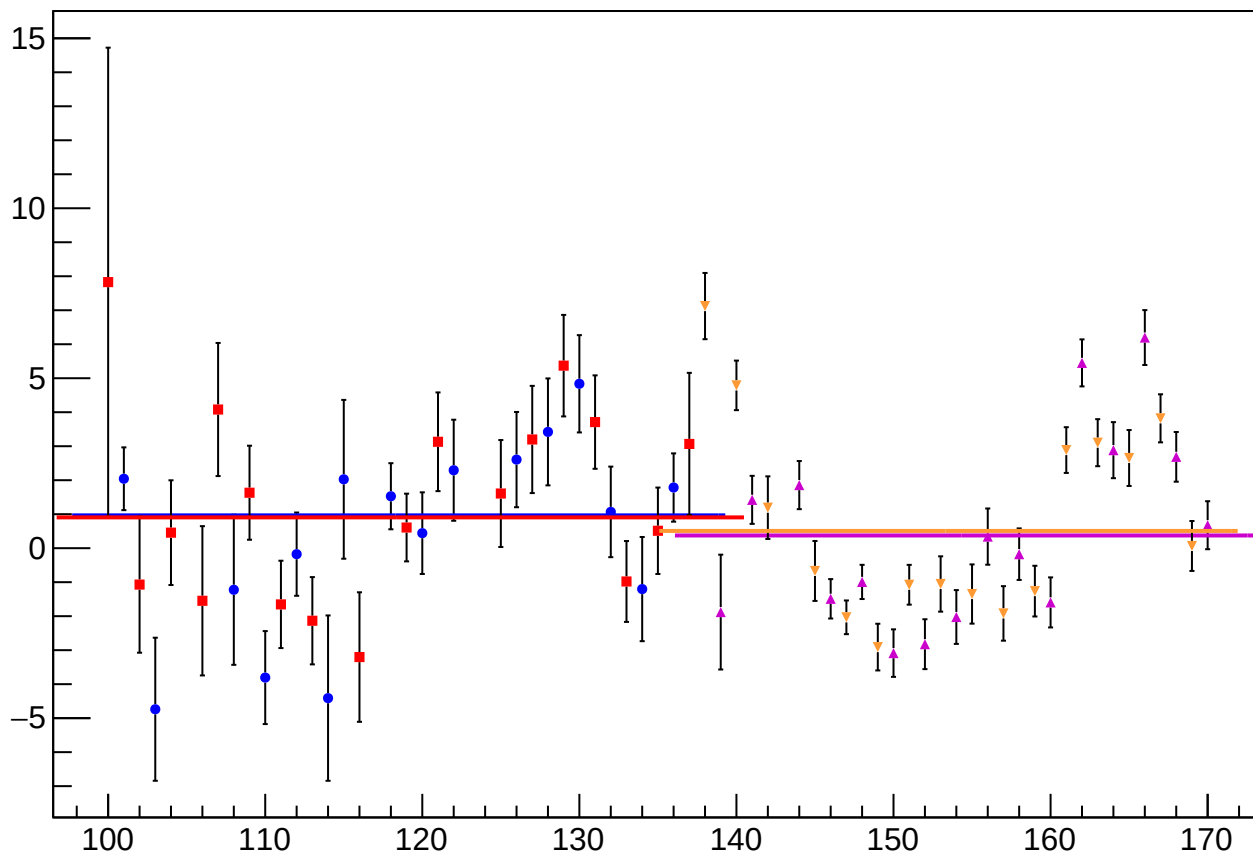
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.433 $\pm$ 0.255 χ^2 /NDF:437.3/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.174 $\pm$ 0.247 χ^2 /NDF:445.3/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.785 $\pm$ 0.177 χ^2 /NDF: 895.2/31
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: 0.508 ± 0.182 χ^2/NDF : 220.0/15

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

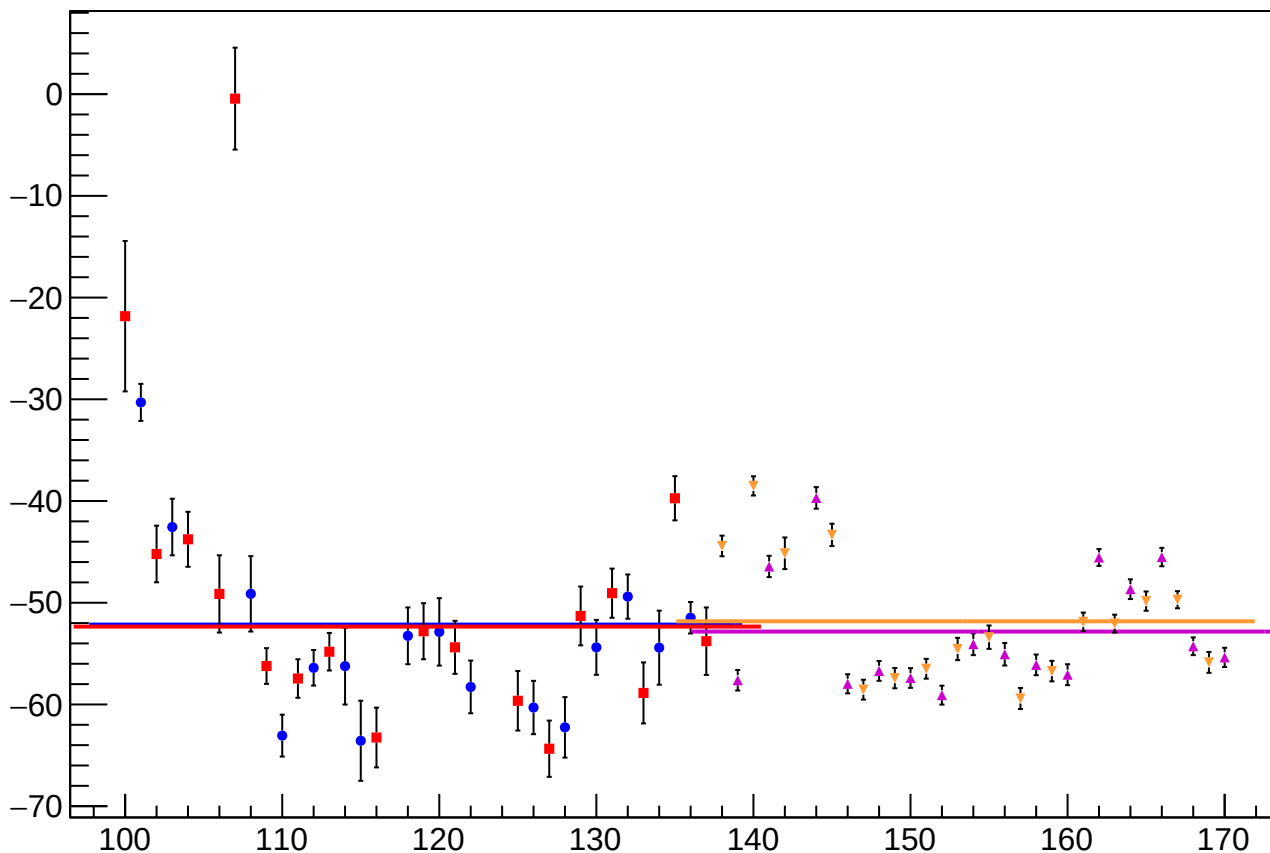
Left In: 0.374 ± 0.180 χ^2/NDF : 211.8/15

+ sign 0.610 ± 0.160 χ^2/NDF : 264.4/31

All: 0.547 ± 0.113 χ^2/NDF : 520.2/65

- sign 0.484 ± 0.161 χ^2/NDF : 255.6/33

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.825 ± 0.250 χ^2/NDF : 543.6/15

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

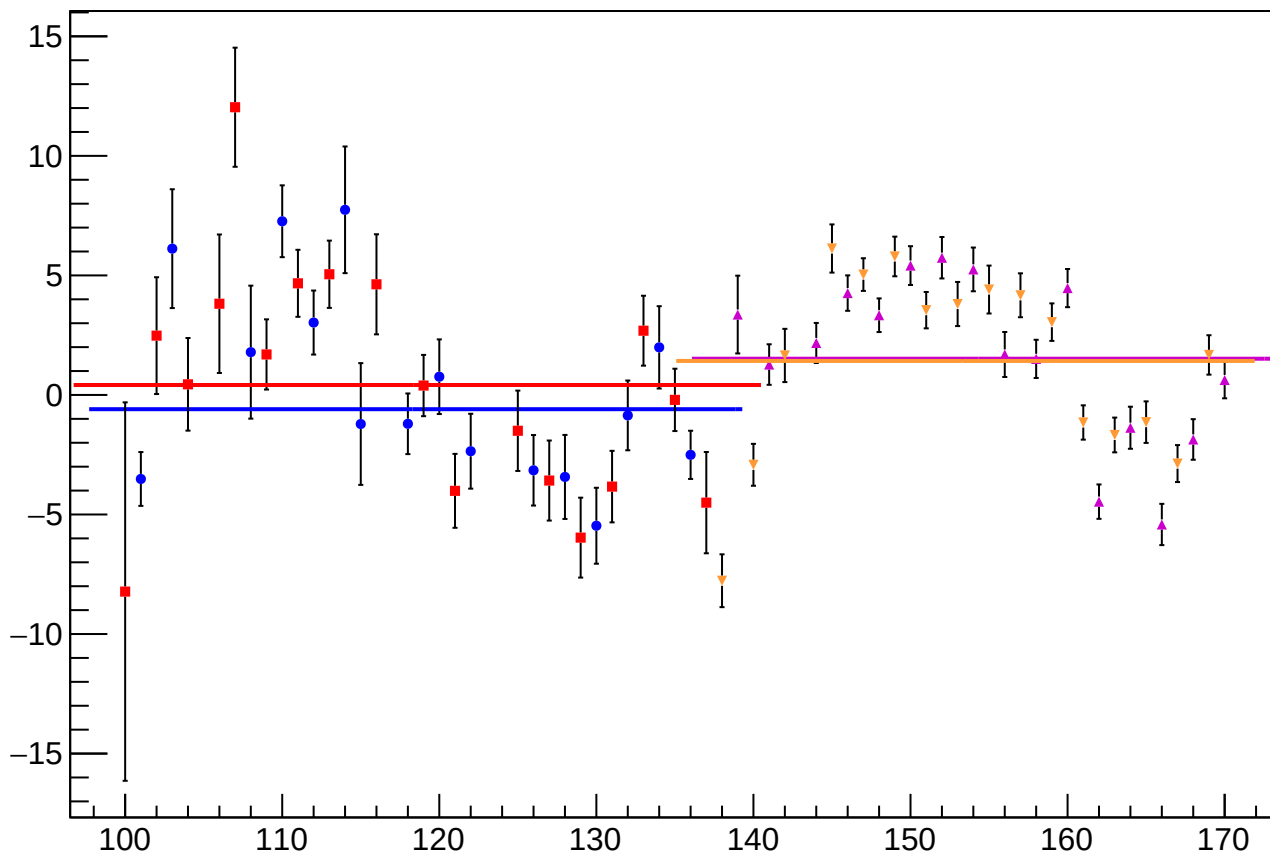
Left In: -52.835 ± 0.243 χ^2/NDF : 530.3/15

+ sign -51.871 ± 0.232 χ^2/NDF : 774.0/31

All: -52.332 ± 0.162 χ^2/NDF : 1548.3/65

- sign -52.769 ± 0.226 χ^2/NDF : 766.5/33

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596±/0.384 χ^2/NDF : 82.6/15

Left Out: 1.423±/0.211 χ^2/NDF : 278.6/15

Right Out: 0.416±/0.400 χ^2/NDF : 95.8/17

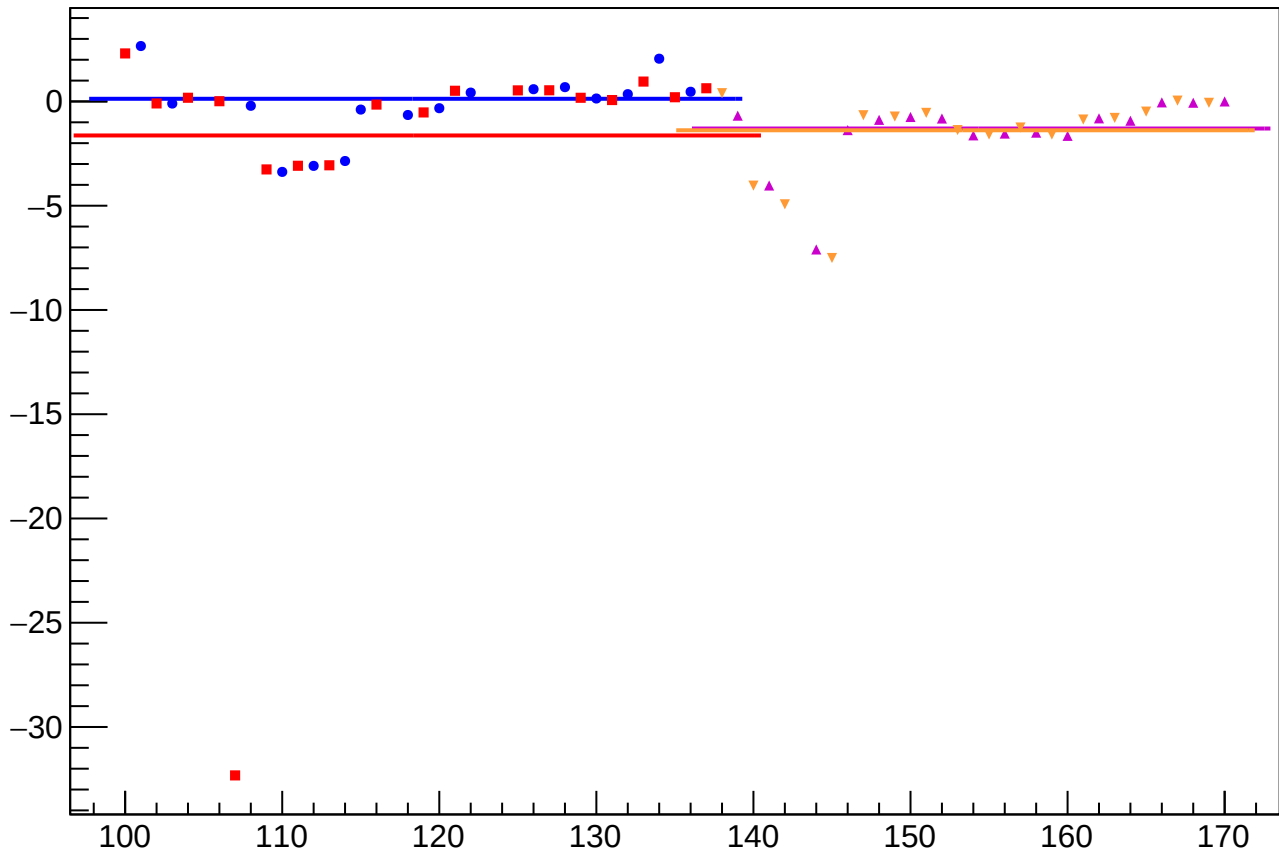
Left In: 1.516±/0.208 χ^2/NDF : 261.3/15

+ sign 0.955±/0.185 χ^2/NDF : 382.4/31

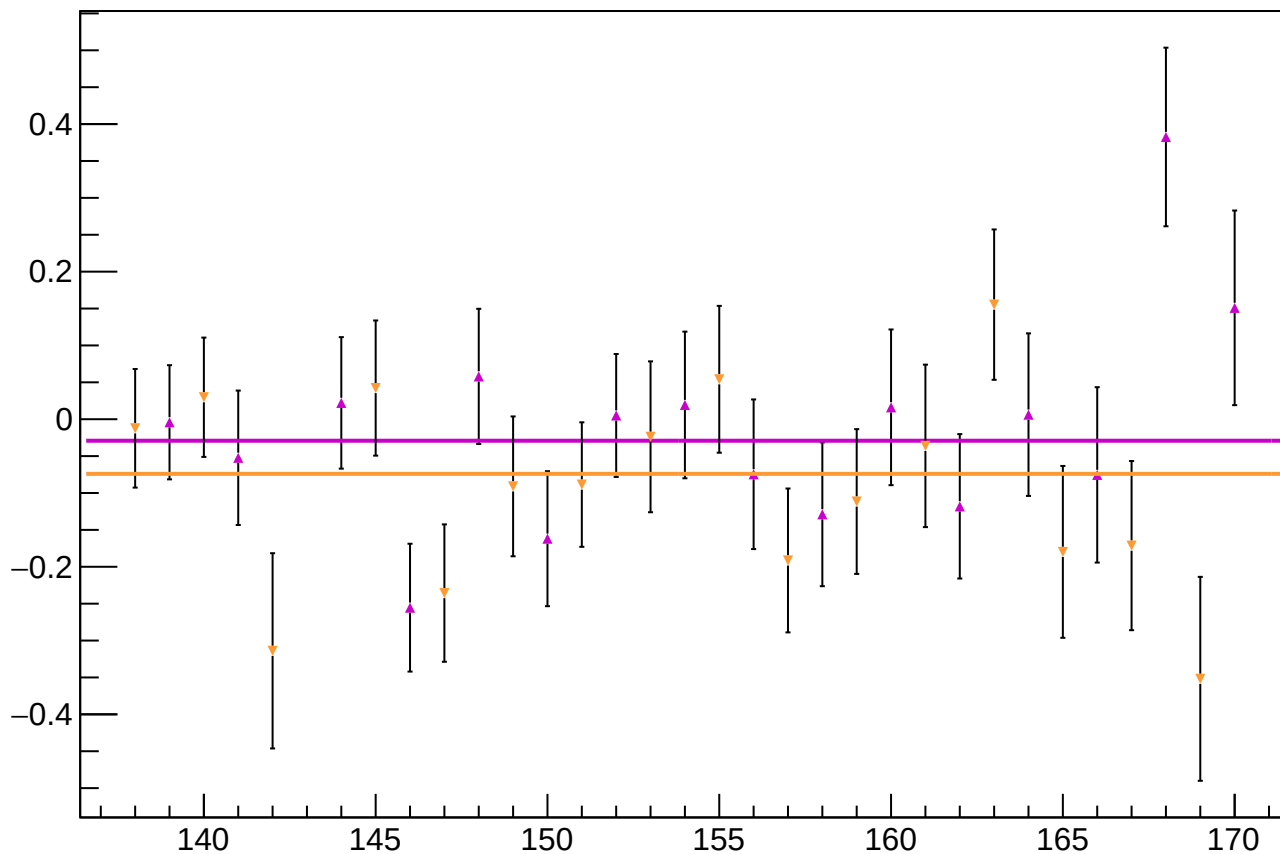
All: 1.118±/0.131 χ^2/NDF : 747.0/65

- sign 1.281±/0.185 χ^2/NDF : 363.0/33

reg_asym_us_dd_diff_bpm12X_slope vs Slug



reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.074 $\pm$ 0.025 χ^2 /NDF: 24.5/15

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

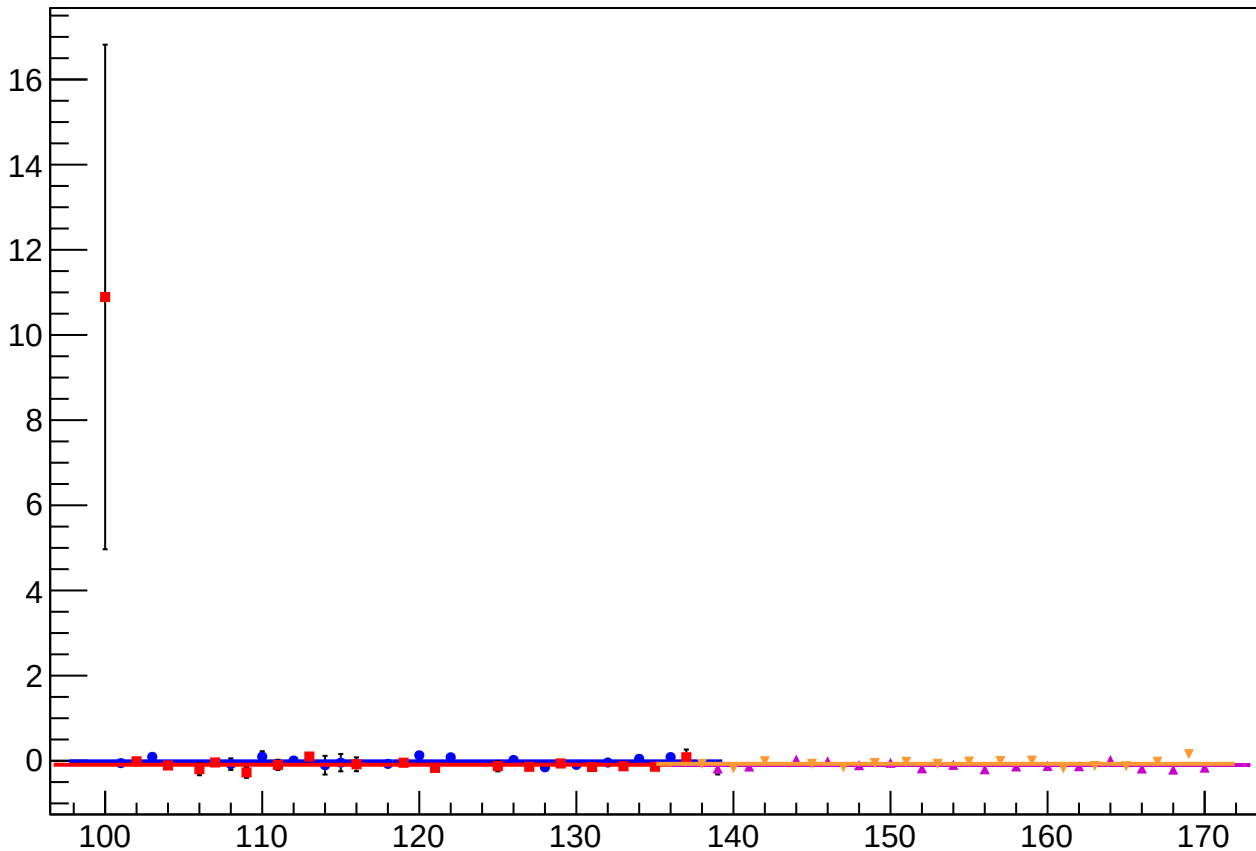
Left In: -0.029 $\pm$ 0.024 χ^2 /NDF: 26.7/15

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

All: -0.051 $\pm$ 0.017 χ^2 /NDF: 52.8/31

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

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.071 ± 0.017 χ^2/NDF : 18.3/15

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

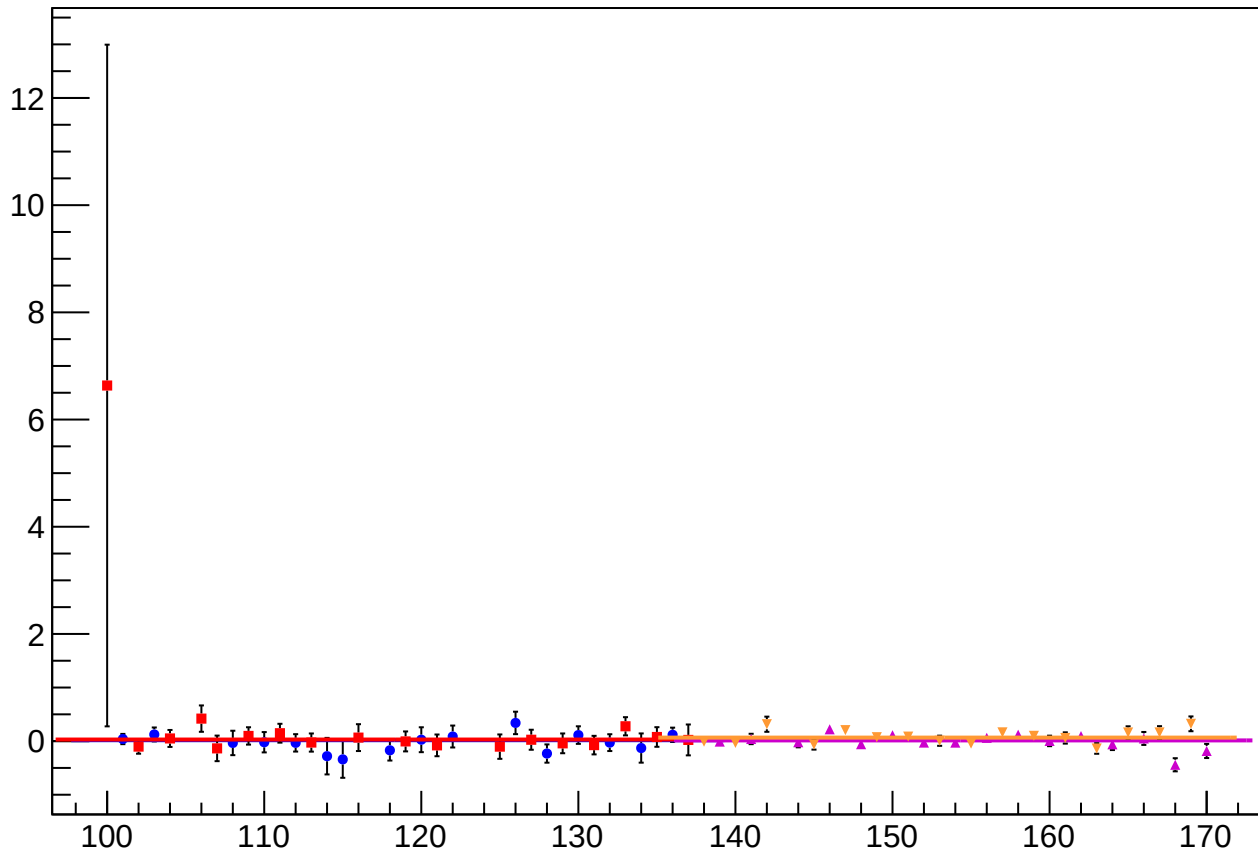
Left In: -0.099 ± 0.017 χ^2/NDF : 16.0/15

+ sign -0.050 ± 0.014 χ^2/NDF : 34.5/31

All: -0.073 ± 0.010 χ^2/NDF : 68.7/65

- sign -0.097 ± 0.014 χ^2/NDF : 28.7/33

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.066 $\pm$ 0.024 χ^2 /NDF: 21.8/15

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

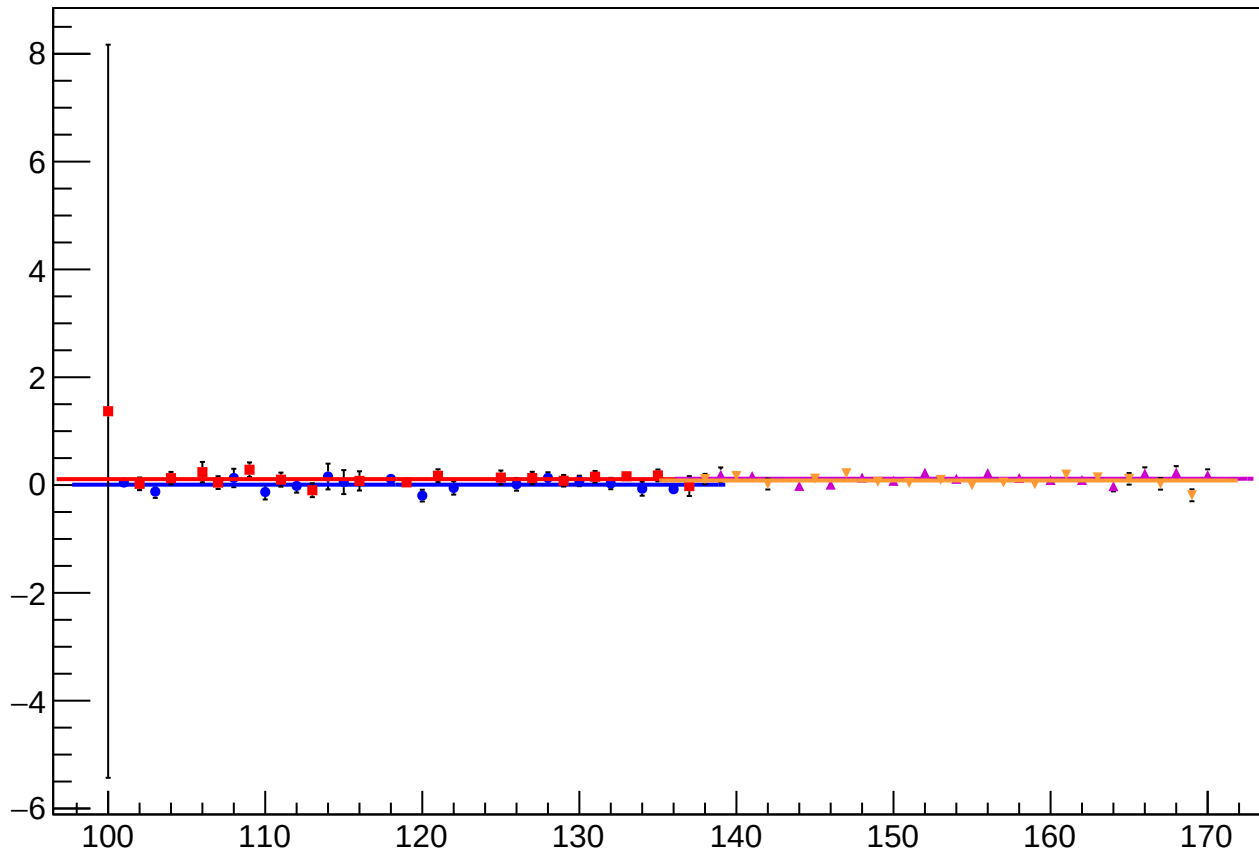
Left In: 0.014 $\pm$ 0.024 χ^2 /NDF: 27.8/15

+ sign 0.054 $\pm$ 0.021 χ^2 /NDF: 32.4/31

All: 0.035 $\pm$ 0.015 χ^2 /NDF: 71.1/65

- sign 0.017 $\pm$ 0.021 χ^2 /NDF: 37.1/33

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.085 $\pm$ 0.020 χ^2 /NDF: 18.3/15

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

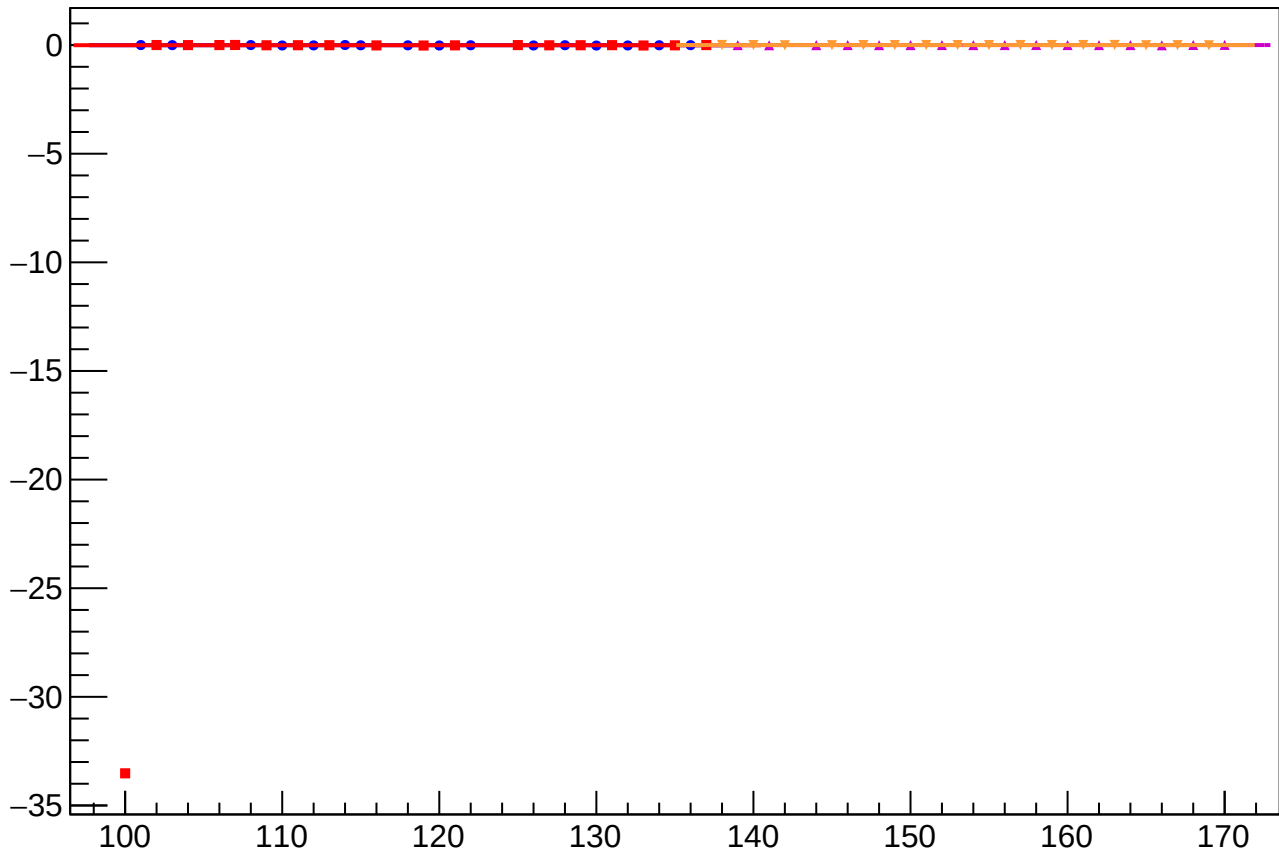
Left In: 0.117 $\pm$ 0.020 χ^2 /NDF: 15.1/15

+ sign 0.056 $\pm$ 0.016 χ^2 /NDF: 35.7/31

All: 0.085 $\pm$ 0.012 χ^2 /NDF: 65.2/65

- sign 0.115 $\pm$ 0.017 χ^2 /NDF: 23.2/33

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.6/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:14.6/15

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

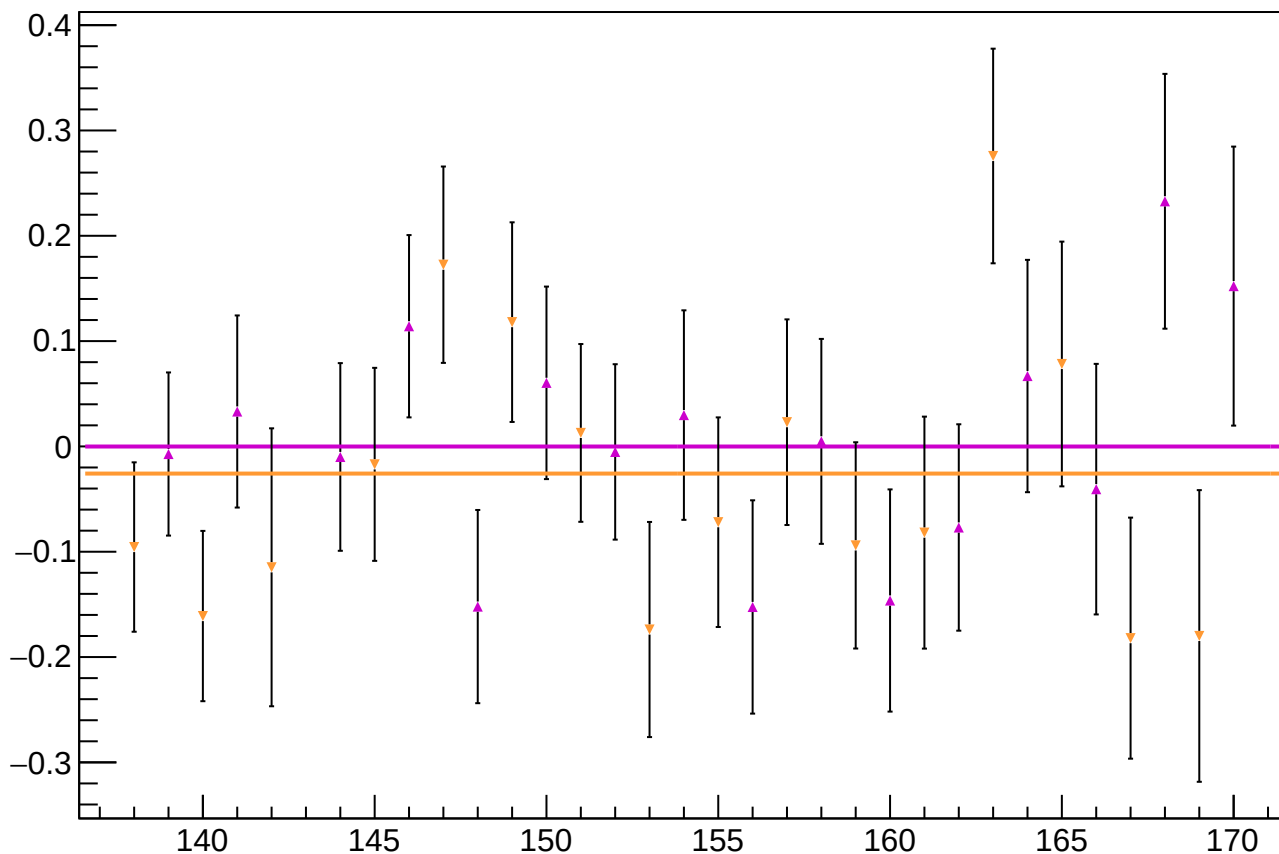
Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:14.8/15

+ sign -0.001 $\pm$ 0.001 χ^2 /NDF: 49.8/31

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26587.0/65

- sign -0.001 $\pm$ 0.001 χ^2 /NDF: 26537.2/33

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.026 $\pm$ 0.025 χ^2 /NDF: 27.0/15

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

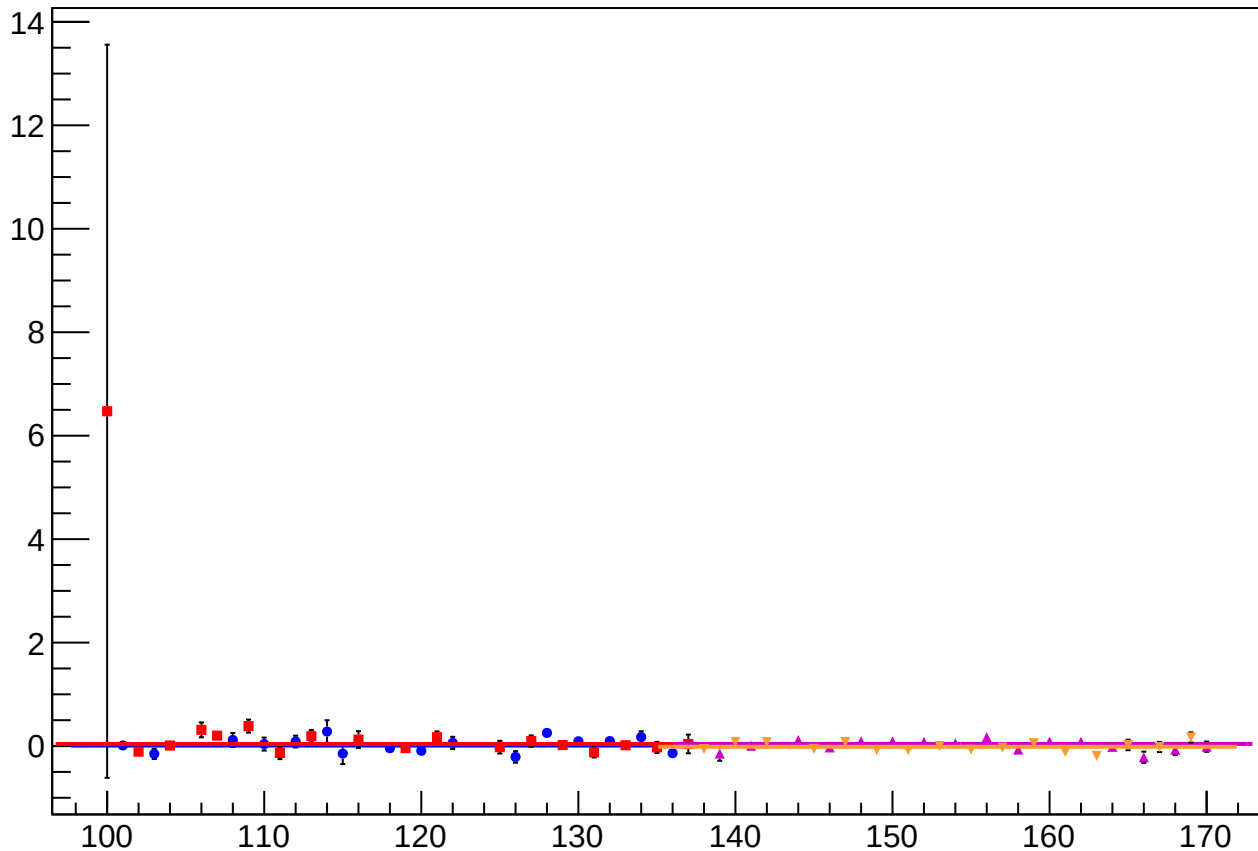
Left In: -0.000 $\pm$ 0.024 χ^2 /NDF: 15.5/15

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

All: -0.013 $\pm$ 0.017 χ^2 /NDF: 43.1/31

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.014 ± 0.017 χ^2/NDF : 22.9/15

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

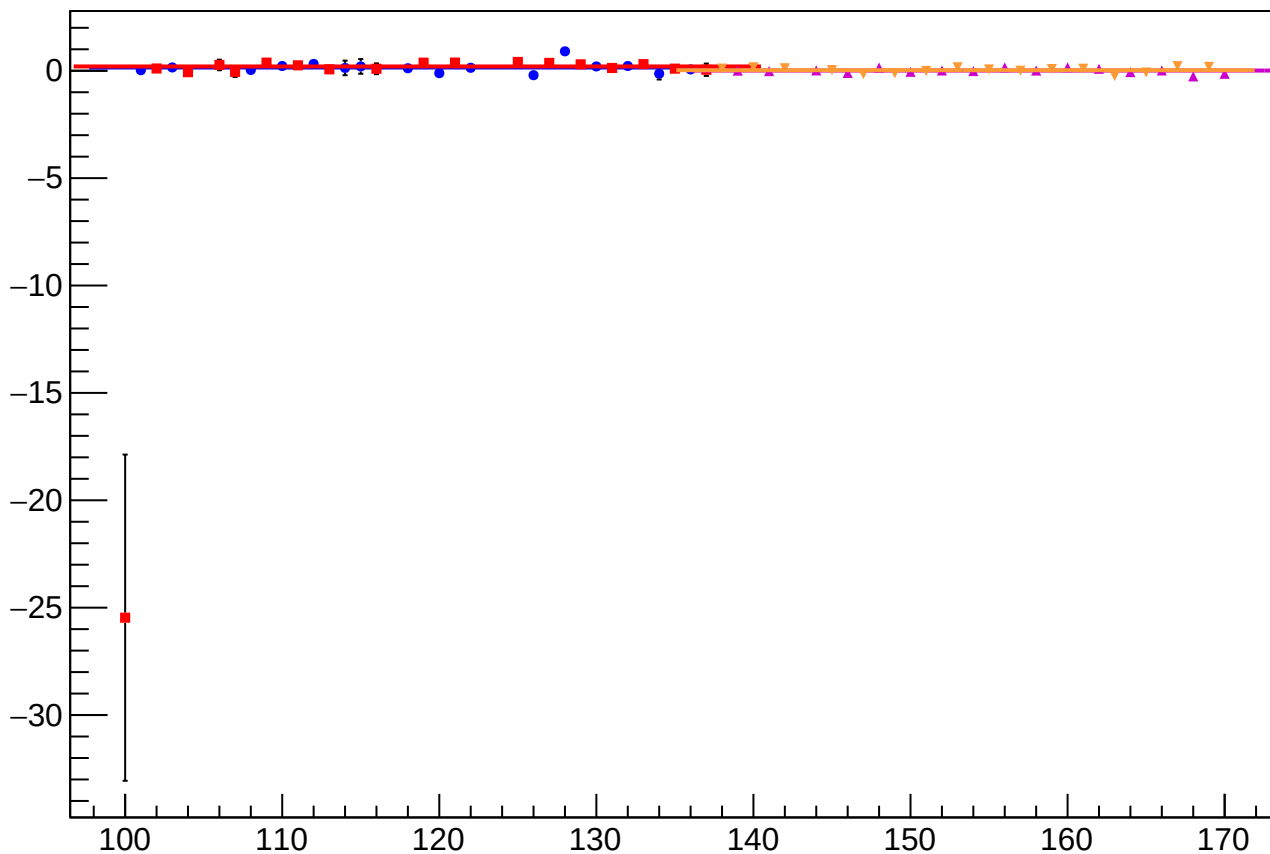
Left In: 0.042 ± 0.017 χ^2/NDF : 21.9/15

+ sign -0.005 ± 0.014 χ^2/NDF : 49.1/31

All: 0.017 ± 0.010 χ^2/NDF : 104.3/65

- sign 0.041 ± 0.014 χ^2/NDF : 49.8/33

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.025 $\pm$ 0.024 χ^2 /NDF:26.4/15

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

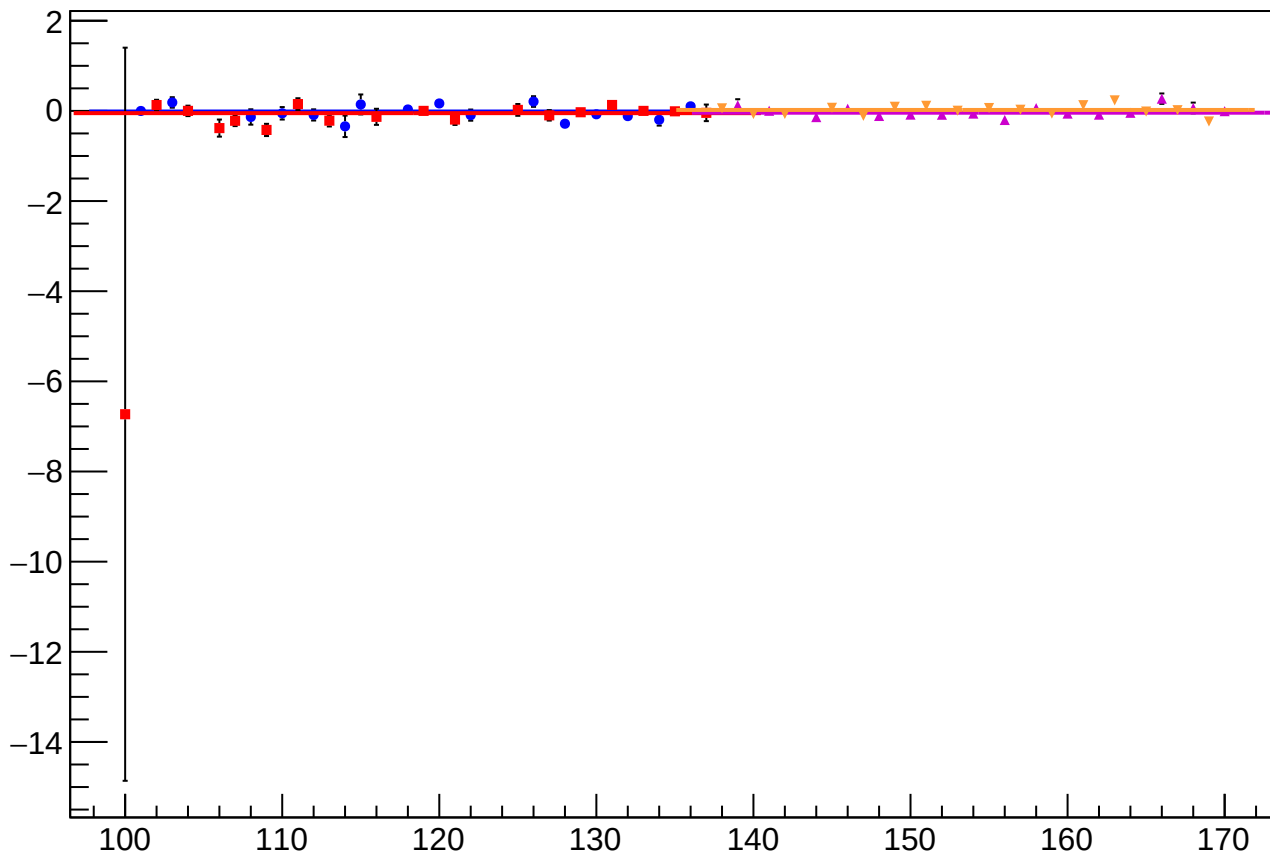
Left In: 0.009 $\pm$ 0.024 χ^2 /NDF:17.2/15

+ sign 0.056 $\pm$ 0.021 χ^2 /NDF: 61.7/31

All: 0.053 $\pm$ 0.015 χ^2 /NDF: 116.0/65

- sign 0.051 $\pm$ 0.021 χ^2 /NDF: 54.2/33

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.021 ± 0.020 χ^2/NDF : 25.6/15

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

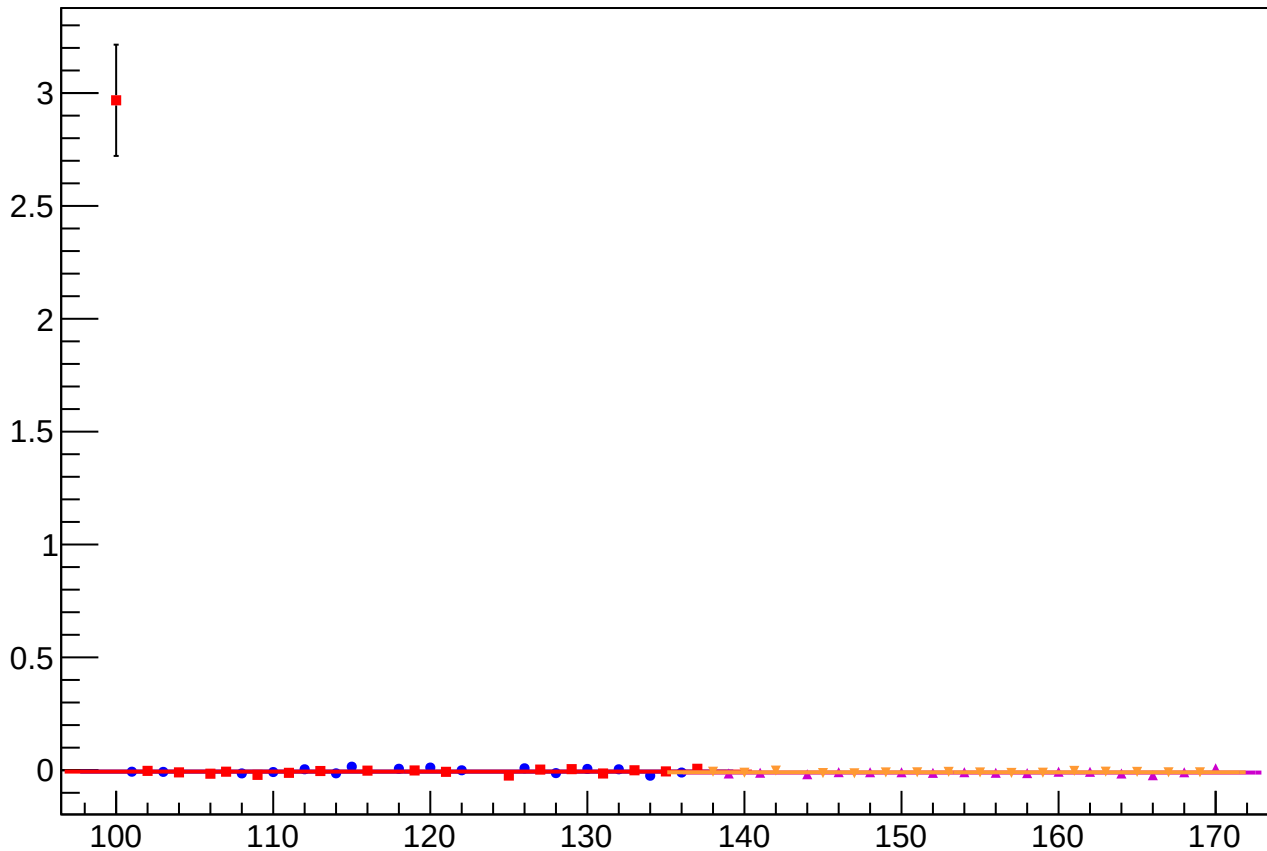
Left In: -0.040 ± 0.020 χ^2/NDF : 22.1/15

+ sign 0.008 ± 0.016 χ^2/NDF : 51.8/31

All: -0.017 ± 0.012 χ^2/NDF : 104.7/65

- sign -0.043 ± 0.017 χ^2/NDF : 47.9/33

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 9.2/15

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

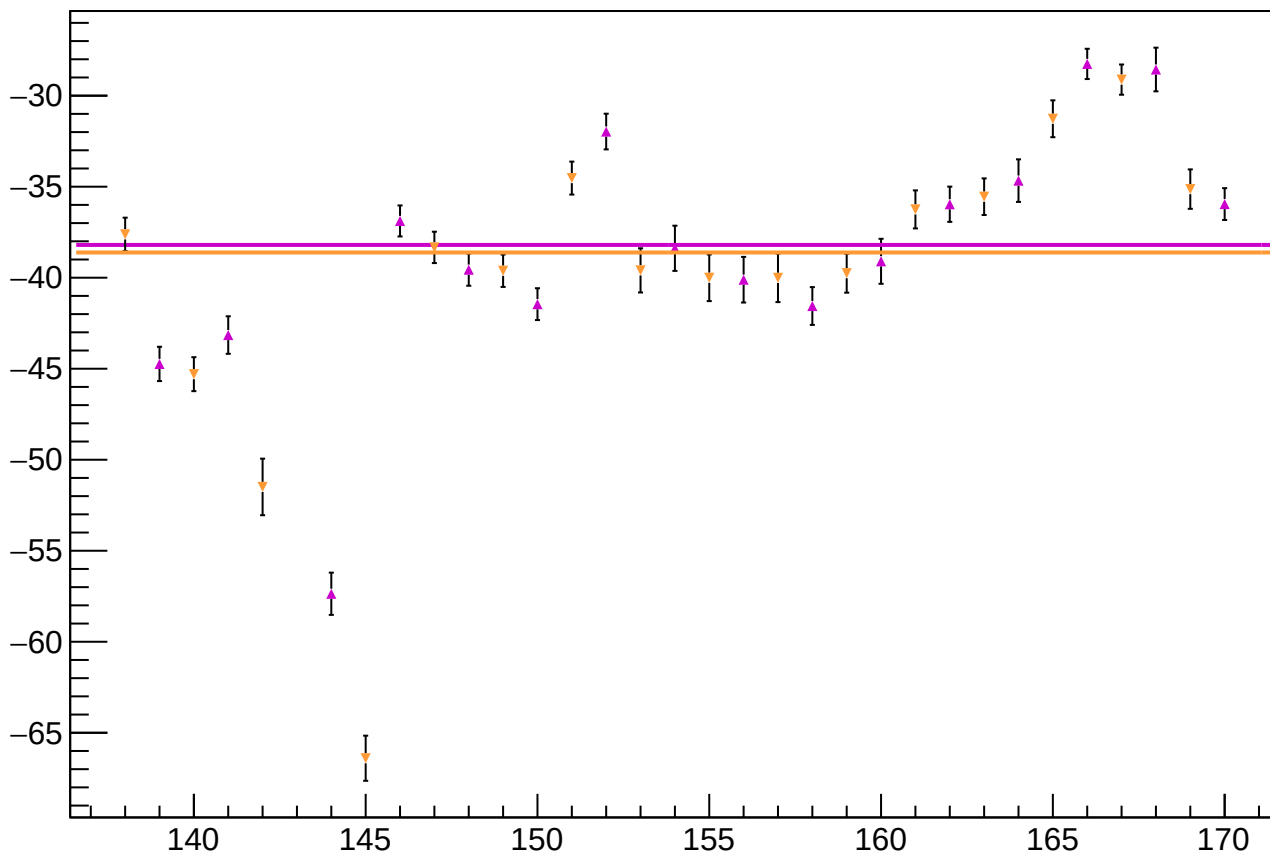
Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

+ sign -0.008 ± 0.001 χ^2/NDF : 41.4/31

All: -0.009 ± 0.001 χ^2/NDF : 243.9/65

- sign -0.009 ± 0.001 χ^2/NDF : 201.8/33

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.614 $\pm$ 0.257 χ^2 /NDF:857.7/15

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

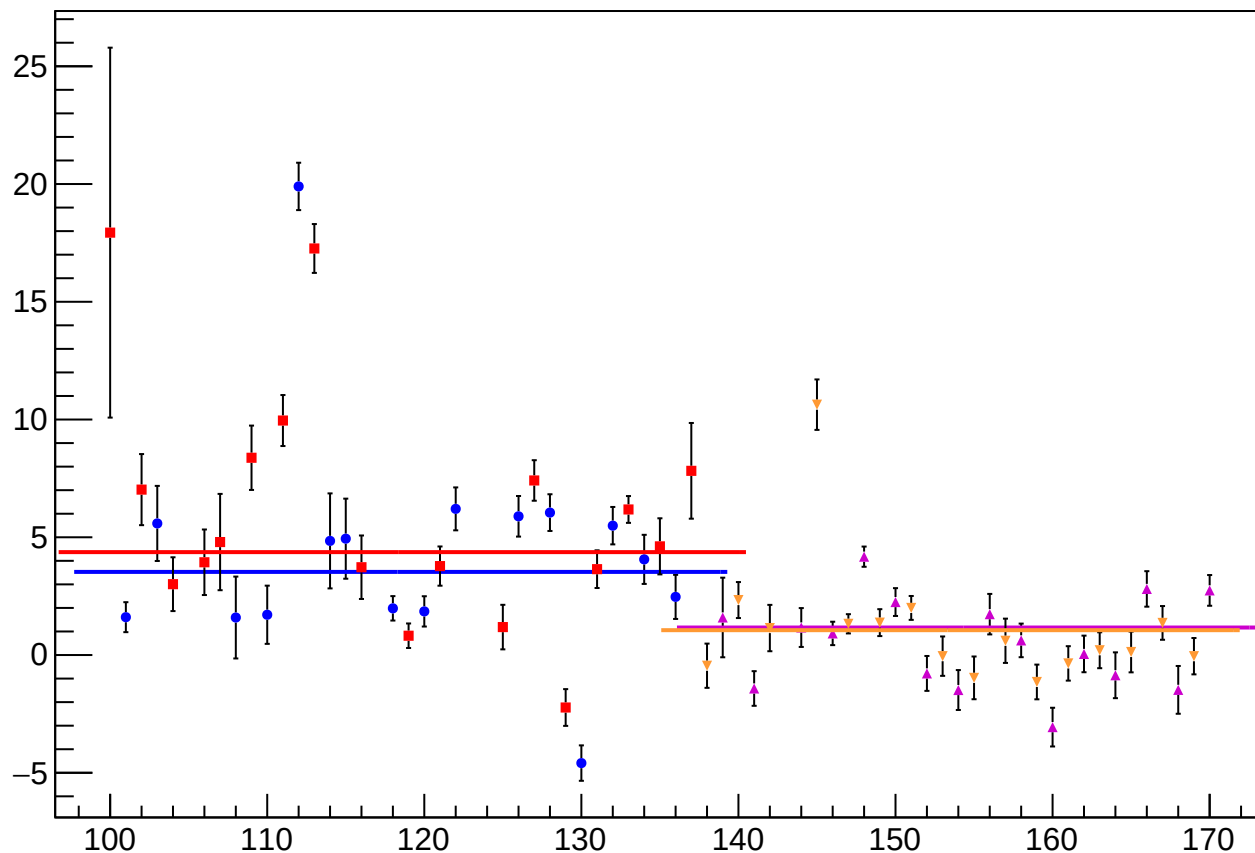
Left In: -38.199 $\pm$ 0.250 χ^2 /NDF:645.0/15

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

All: -38.401 $\pm$ 0.179 χ^2 /NDF: 1504.0/31

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

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.055 ± 0.177 $\chi^2/\text{NDF}: 113.7/15$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

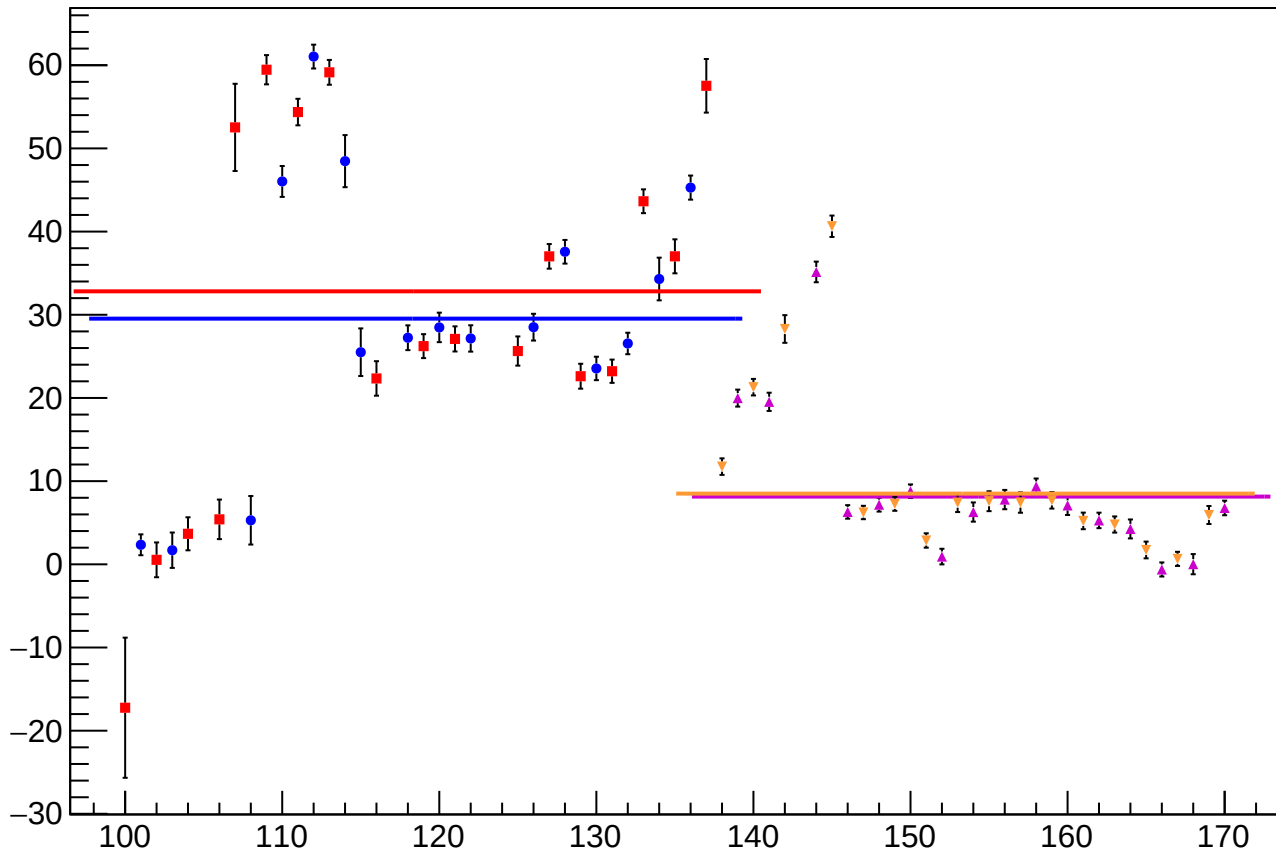
Left In: 1.168 ± 0.177 $\chi^2/\text{NDF}: 133.3/15$

+ sign 2.043 ± 0.137 $\chi^2/\text{NDF}: 638.2/31$

All: 2.215 ± 0.098 $\chi^2/\text{NDF}: 1253.1/65$

- sign 2.391 ± 0.139 $\chi^2/\text{NDF}: 611.7/33$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 χ^2/NDF : 1494.9/15

Left Out: 8.501 ± 0.252 χ^2/NDF : 1159.6/15

Right Out: 32.816 ± 0.423 χ^2/NDF : 1659.3/17

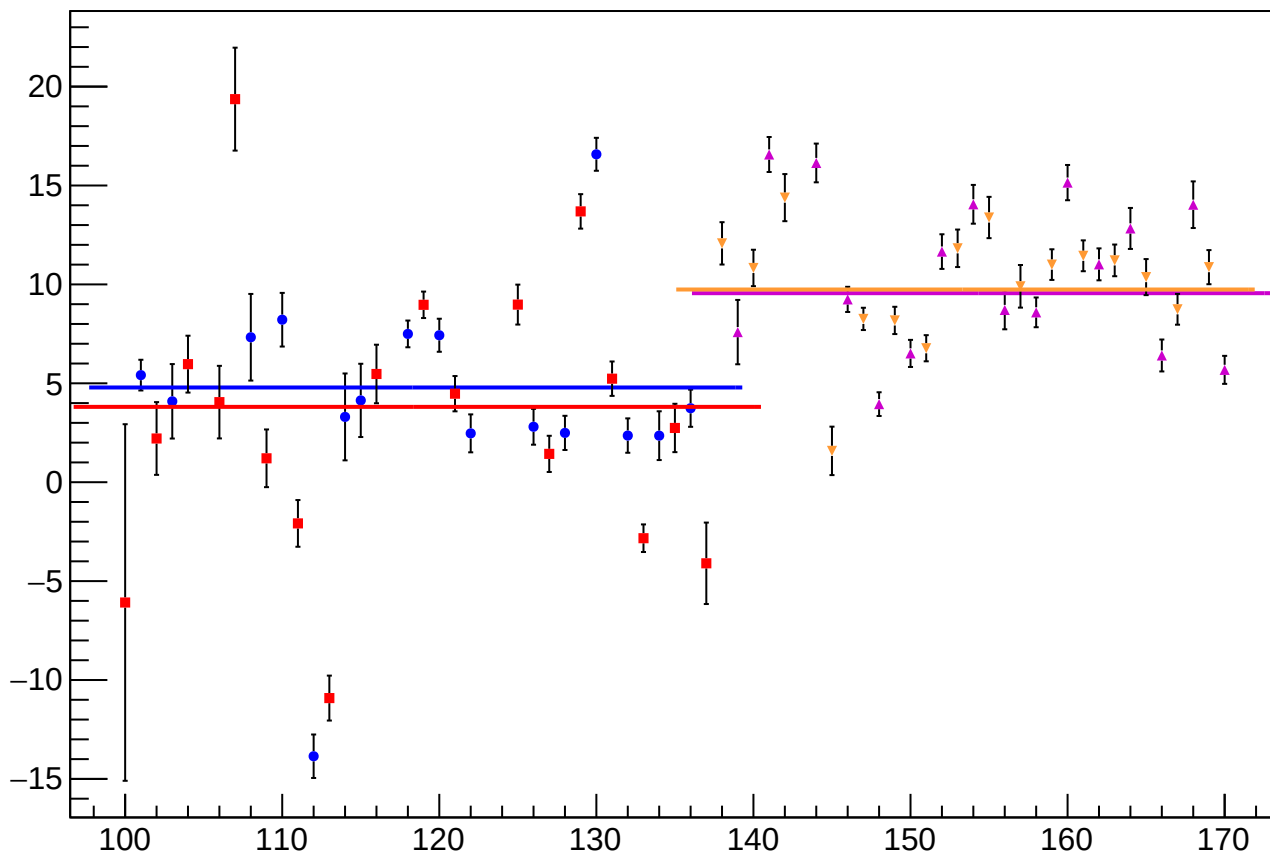
Left In: 8.144 ± 0.245 χ^2/NDF : 962.9/15

+ sign 14.125 ± 0.216 χ^2/NDF : 4520.7/31

All: 14.234 ± 0.151 χ^2/NDF : 9692.9/65

- sign 14.340 ± 0.212 χ^2/NDF : 5171.7/33

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 9.742 ± 0.209 χ^2/NDF : 129.7/15

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

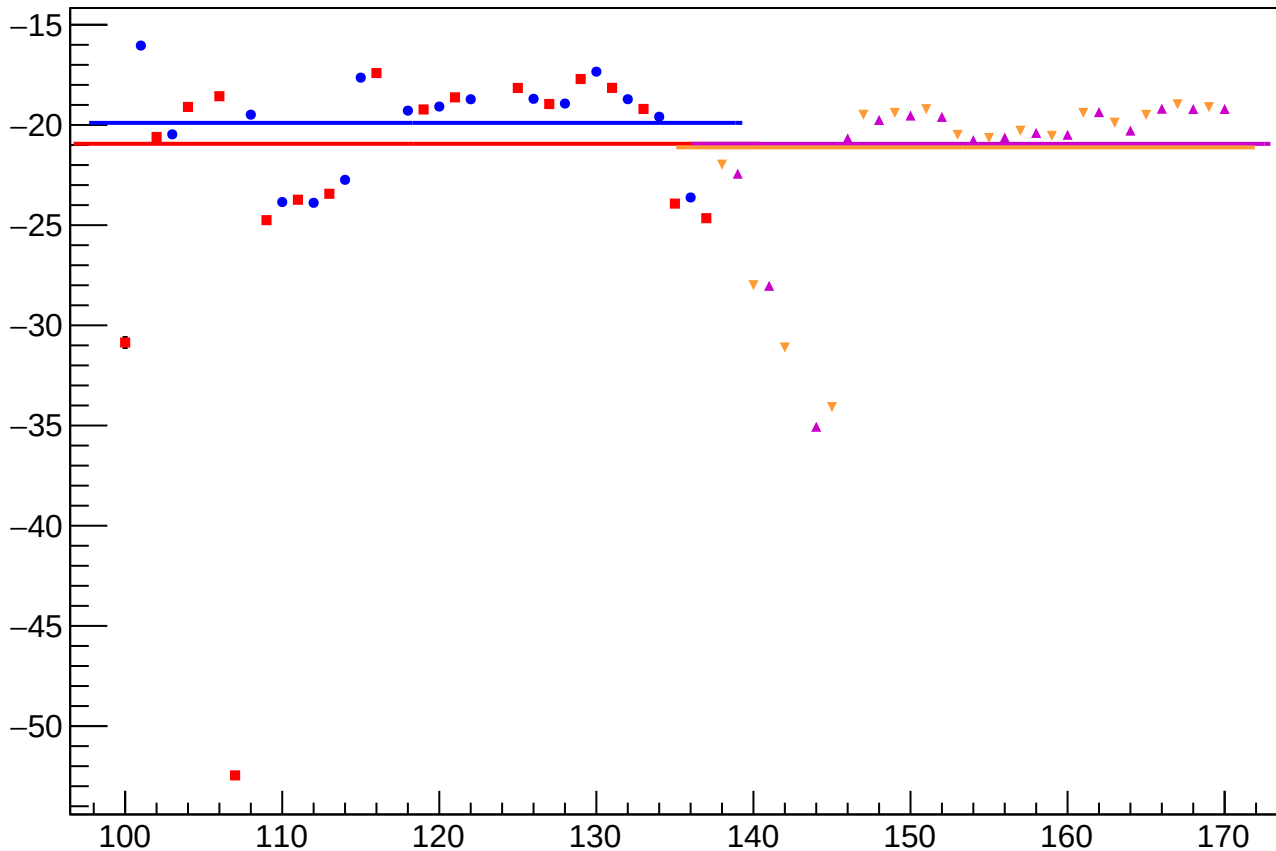
Left In: 9.556 ± 0.208 χ^2/NDF : 358.3/15

+ sign 7.718 ± 0.161 χ^2/NDF : 913.5/31

All: 7.514 ± 0.114 χ^2/NDF : 2142.7/65

- sign 7.307 ± 0.162 χ^2/NDF : 1226.0/33

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -21.118 ± 0.010 χ^2/NDF : 131522.7/15

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

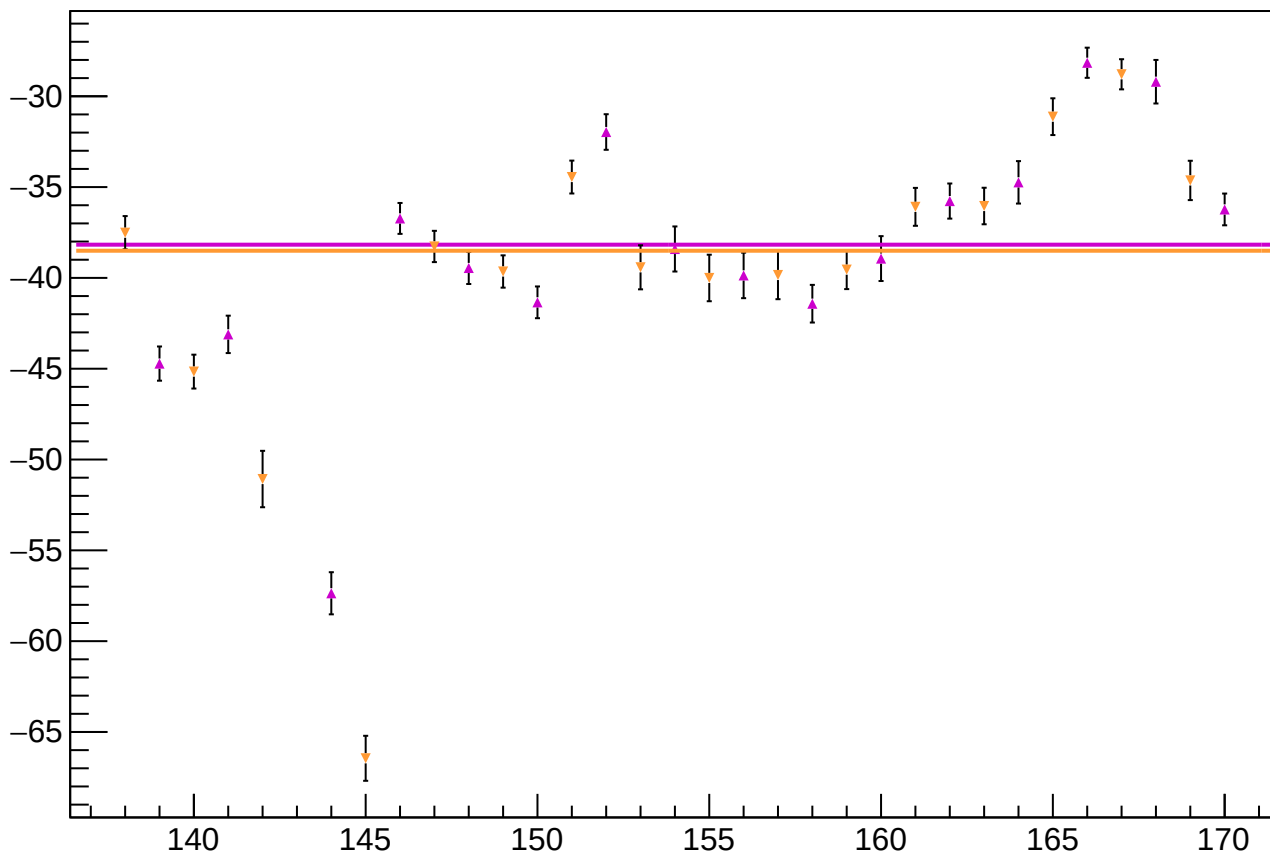
Left In: -20.943 ± 0.010 χ^2/NDF : 107717.6/15

+ sign -20.760 ± 0.008 χ^2/NDF : 161959.5/31

All: -20.853 ± 0.006 χ^2/NDF : 363980.2/65

- sign -20.942 ± 0.008 χ^2/NDF : 201782.9/33

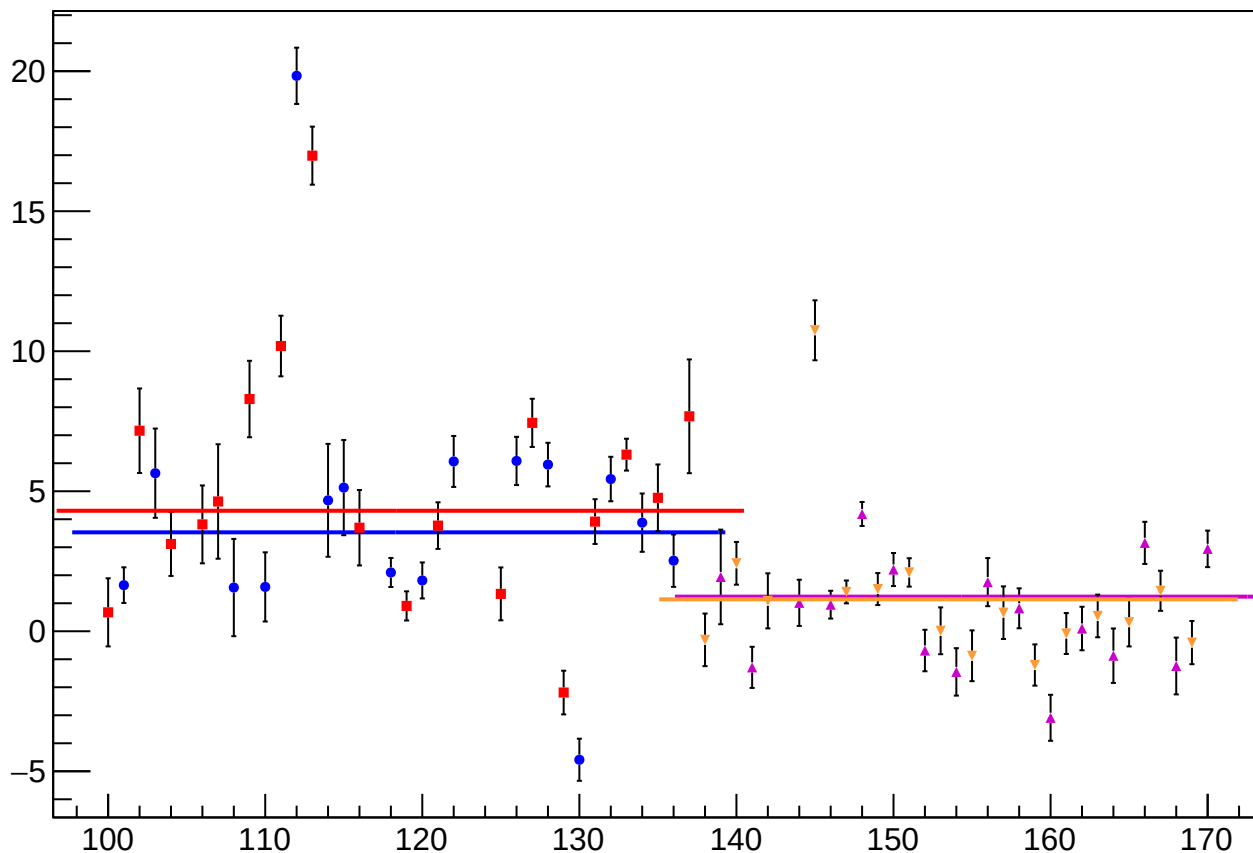
reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -38.504 $\pm$ 0.257 χ^2 /NDF:866.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -38.171 $\pm$ 0.250 χ^2 /NDF:636.8/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -38.333 $\pm$ 0.179 χ^2 /NDF: 1504.3/31
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.140 ± 0.177 $\chi^2/\text{NDF}: 115.8/15$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

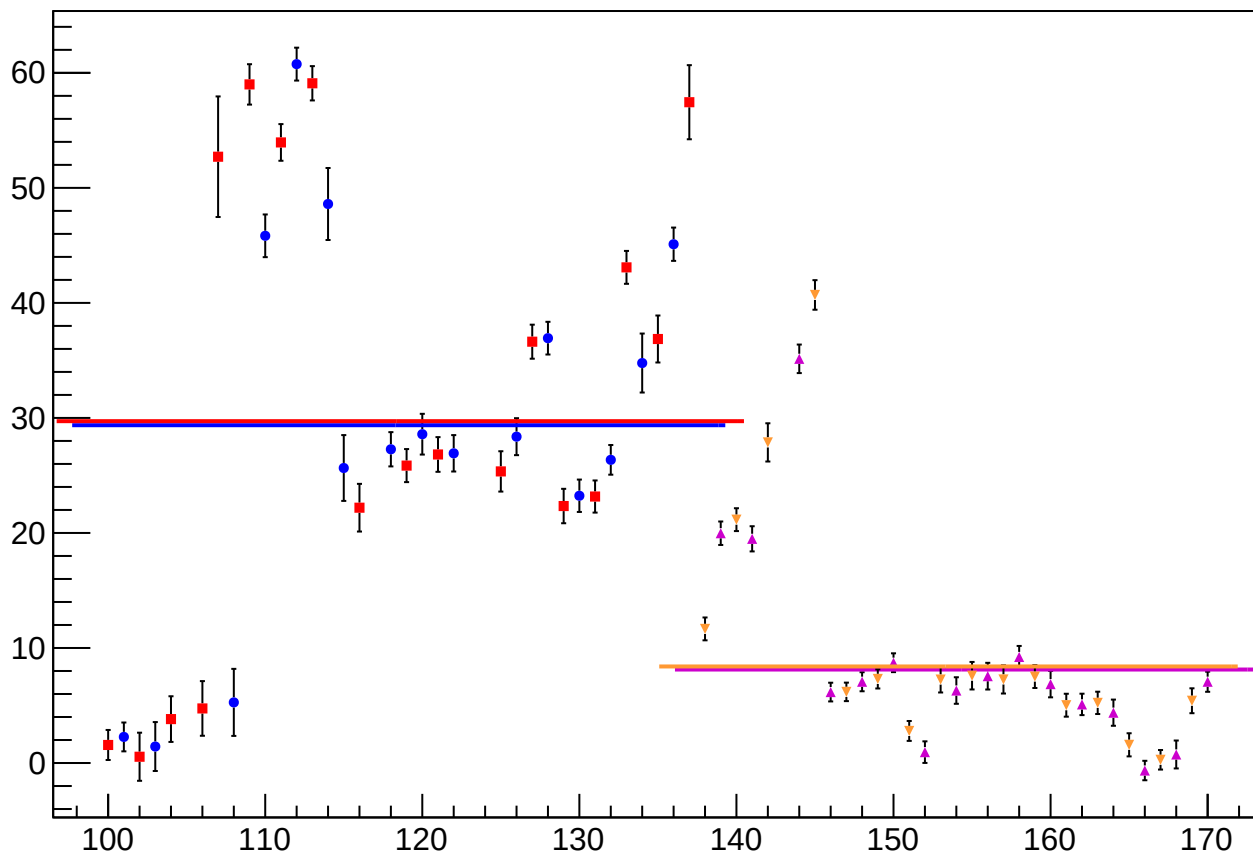
Left In: 1.236 ± 0.177 $\chi^2/\text{NDF}: 133.9/15$

+ sign 2.095 ± 0.137 $\chi^2/\text{NDF}: 631.9/31$

All: 2.262 ± 0.097 $\chi^2/\text{NDF}: 1238.5/65$

- sign 2.432 ± 0.138 $\chi^2/\text{NDF}: 603.6/33$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 8.393 $\pm$ 0.252 χ^2 /NDF: 1165.9/15

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

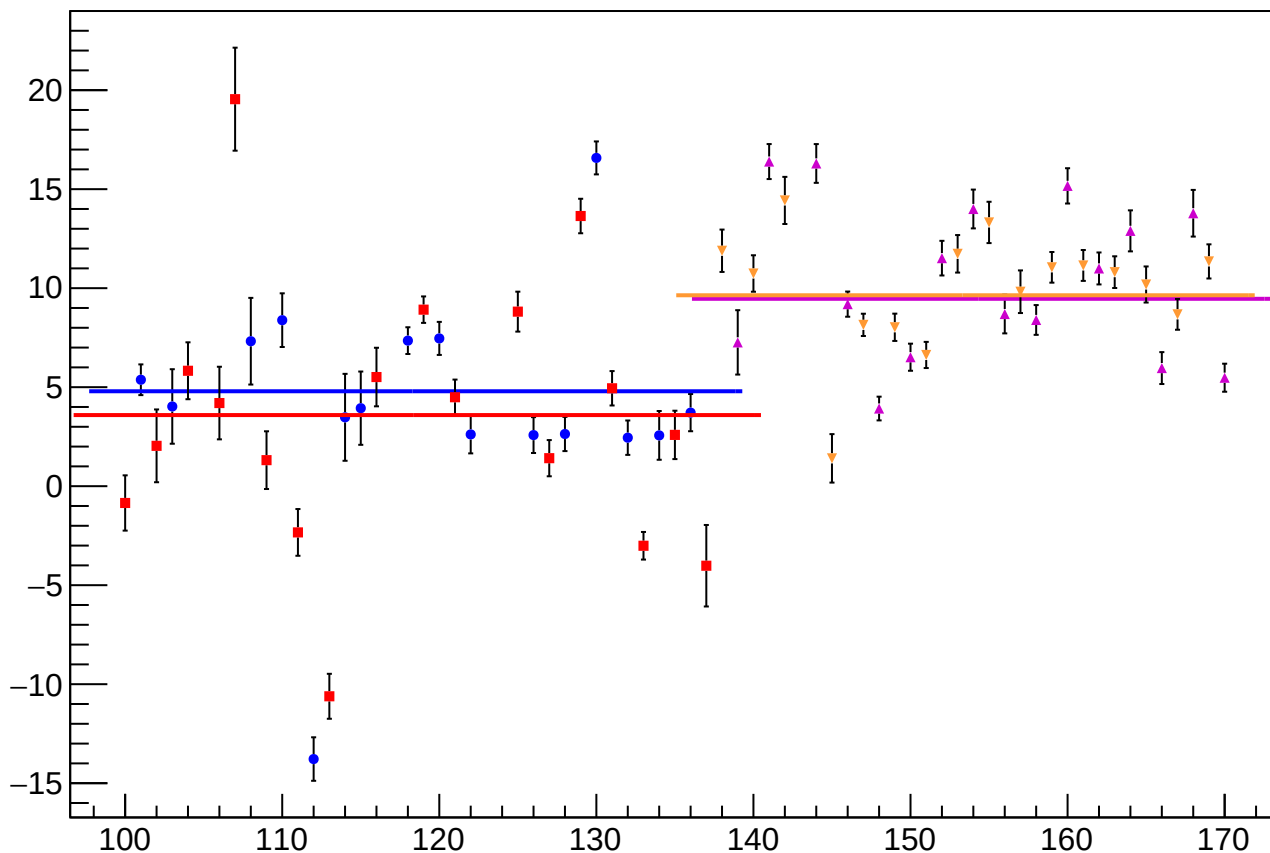
Left In: 8.127 $\pm$ 0.245 χ^2 /NDF: 956.7/15

+ sign 14.002 $\pm$ 0.215 χ^2 /NDF: 4512.5/31

All: 13.978 $\pm$ 0.150 χ^2 /NDF: 9700.2/65

- sign 13.955 $\pm$ 0.209 χ^2 /NDF: 5187.7/33

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 χ^2/NDF : 550.0/15

Left Out: 9.642 ± 0.209 χ^2/NDF : 133.1/15

Right Out: 3.591 ± 0.254 χ^2/NDF : 573.3/17

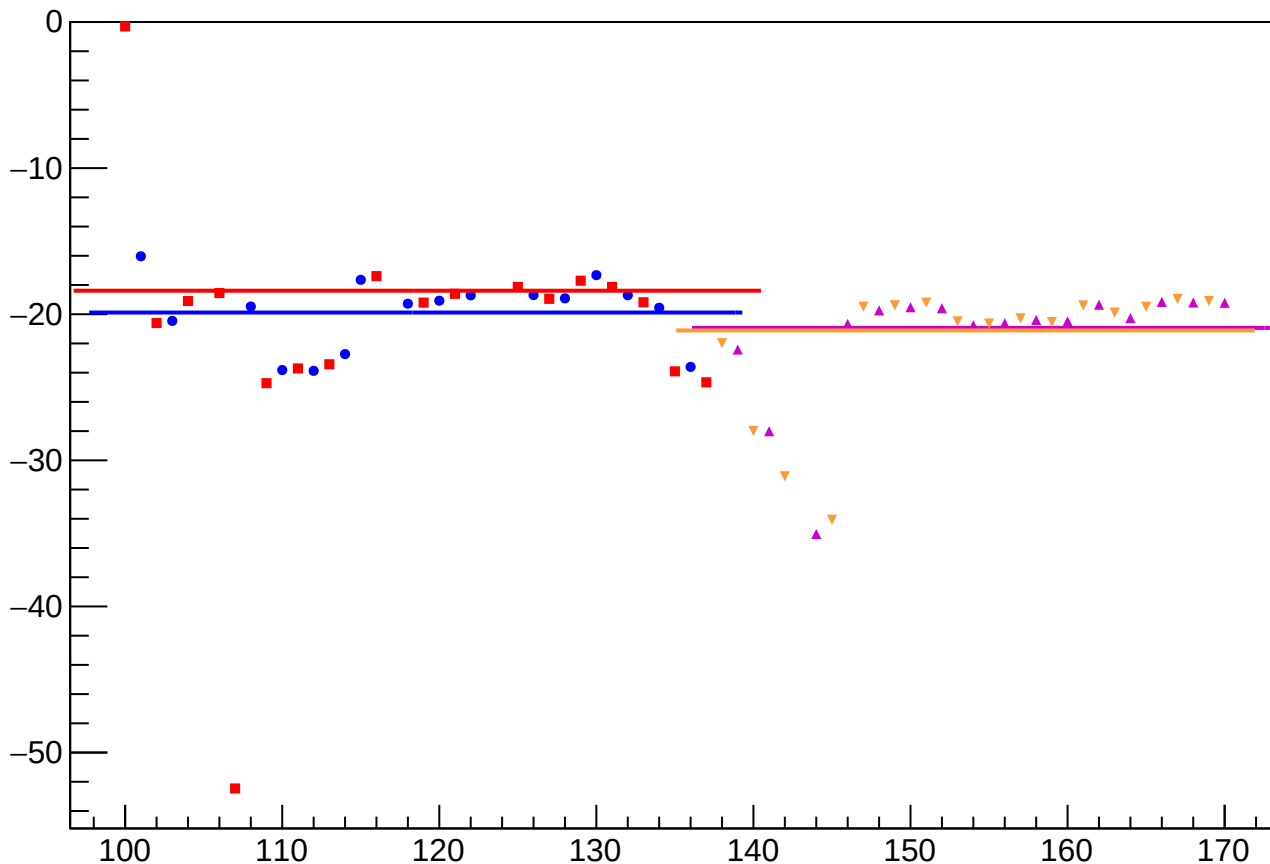
Left In: 9.463 ± 0.207 χ^2/NDF : 365.5/15

+ sign 7.660 ± 0.161 χ^2/NDF : 903.5/31

All: 7.390 ± 0.114 χ^2/NDF : 2167.8/65

- sign 7.119 ± 0.161 χ^2/NDF : 1258.7/33

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -21.109 ± 0.010 $\chi^2/\text{NDF}: 131628.3/15$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

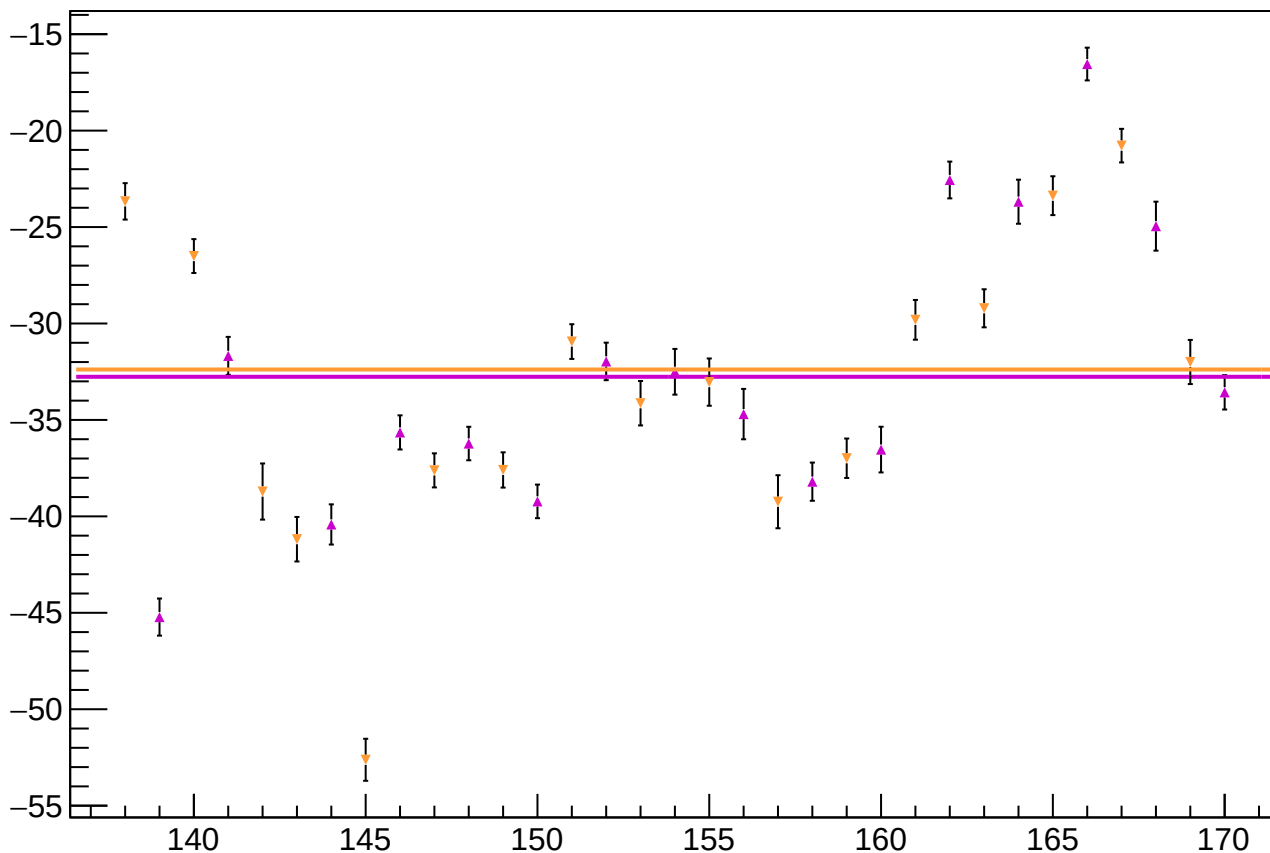
Left In: -20.934 ± 0.010 $\chi^2/\text{NDF}: 107614.7/15$

+ sign -20.751 ± 0.008 $\chi^2/\text{NDF}: 162085.1/31$

All: -20.448 ± 0.006 $\chi^2/\text{NDF}: 594273.2/65$

- sign -20.169 ± 0.008 $\chi^2/\text{NDF}: 429701.9/33$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.385+/-0.249 χ^2/NDF : 944.7/16

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

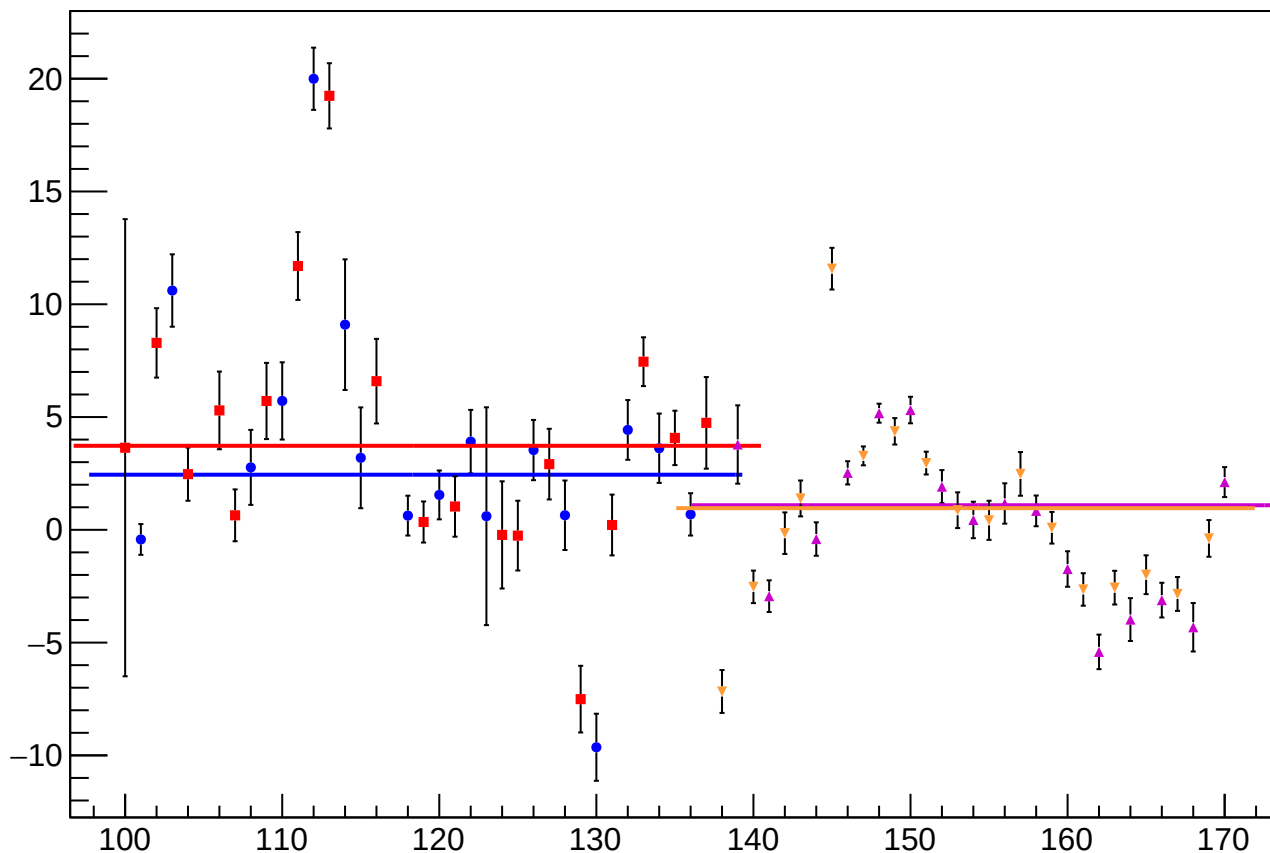
Left In: -32.763+/-0.249 χ^2/NDF : 929.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.574+/-0.176 χ^2/NDF : 1874.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 $\pm$ 0.311 χ^2/NDF : 295.3/16

Left Out: 0.960 $\pm$ 0.172 χ^2/NDF : 402.2/16

Right Out: 3.726 $\pm$ 0.327 χ^2/NDF : 269.1/18

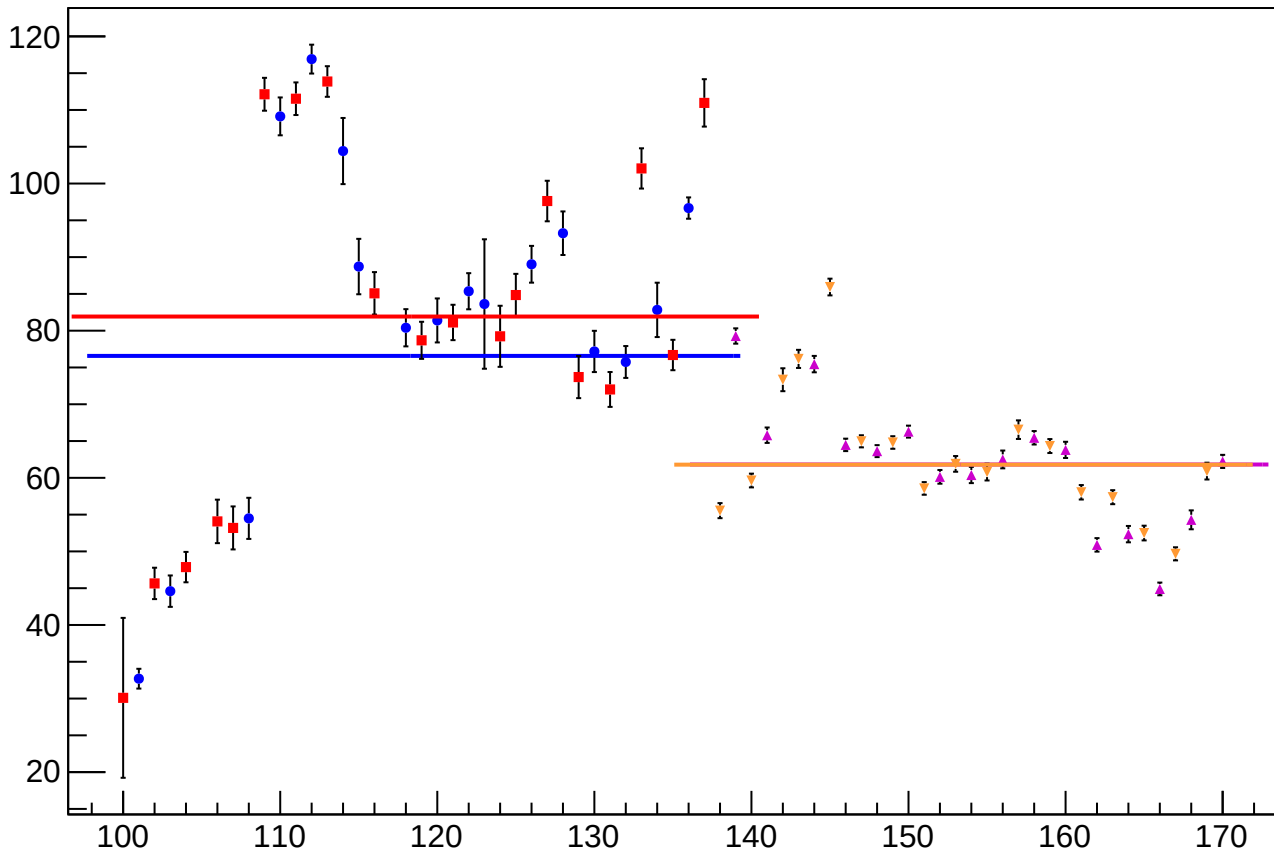
Left In: 1.090 $\pm$ 0.175 χ^2/NDF : 365.6/15

+ sign 1.307 $\pm$ 0.150 χ^2/NDF : 715.0/33

All: 1.488 $\pm$ 0.108 χ^2/NDF : 1403.2/68

- sign 1.679 $\pm$ 0.155 χ^2/NDF : 685.2/34

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 ± 0.573 χ^2/NDF : 2253.6/16

Left Out: 61.791 ± 0.245 χ^2/NDF : 1055.7/16

Right Out: 81.923 ± 0.592 χ^2/NDF : 1570.6/18

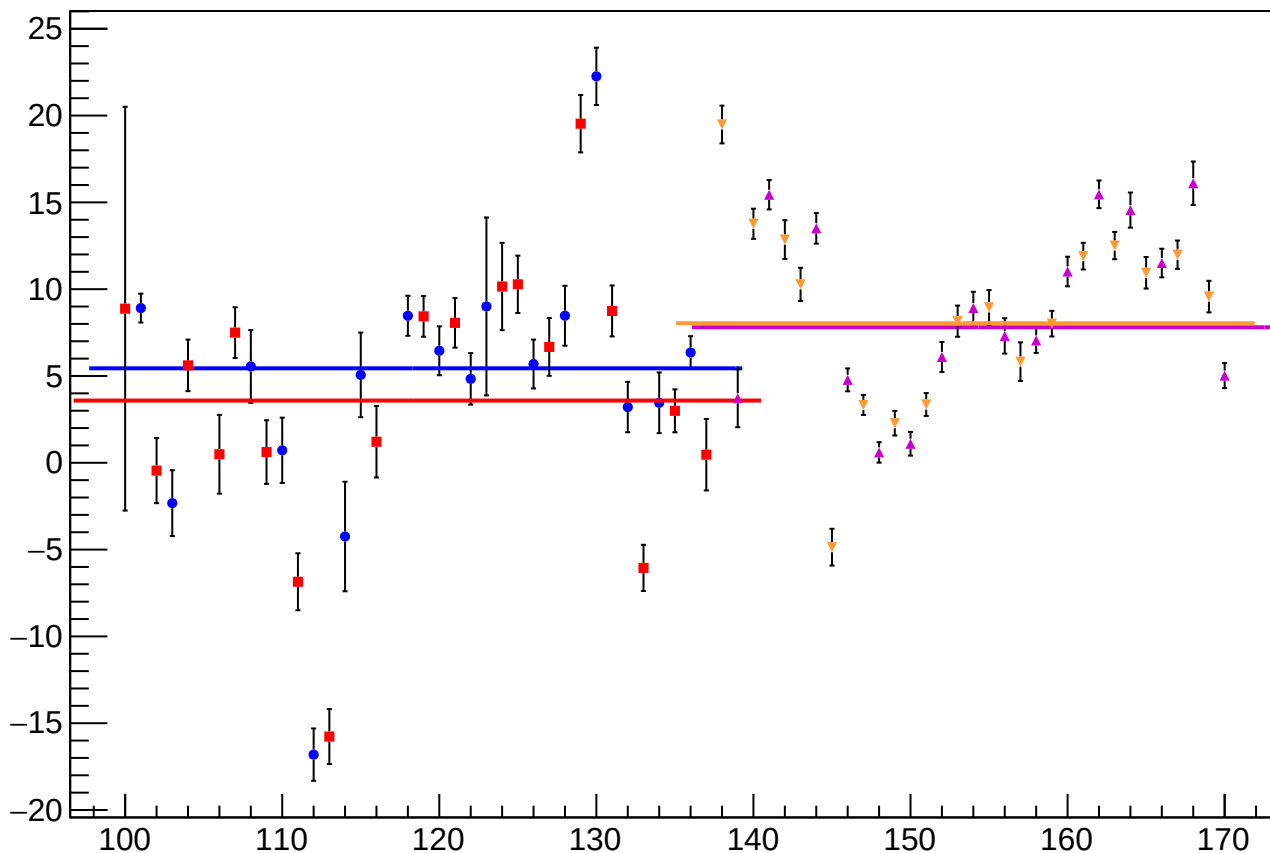
Left In: 61.810 ± 0.243 χ^2/NDF : 1146.4/15

+ sign 64.072 ± 0.225 χ^2/NDF : 3871.5/33

All: 64.393 ± 0.159 χ^2/NDF : 7580.5/68

- sign 64.713 ± 0.225 χ^2/NDF : 3705.0/34

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 8.038 ± 0.202 $\chi^2/\text{NDF}: 609.2/16$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

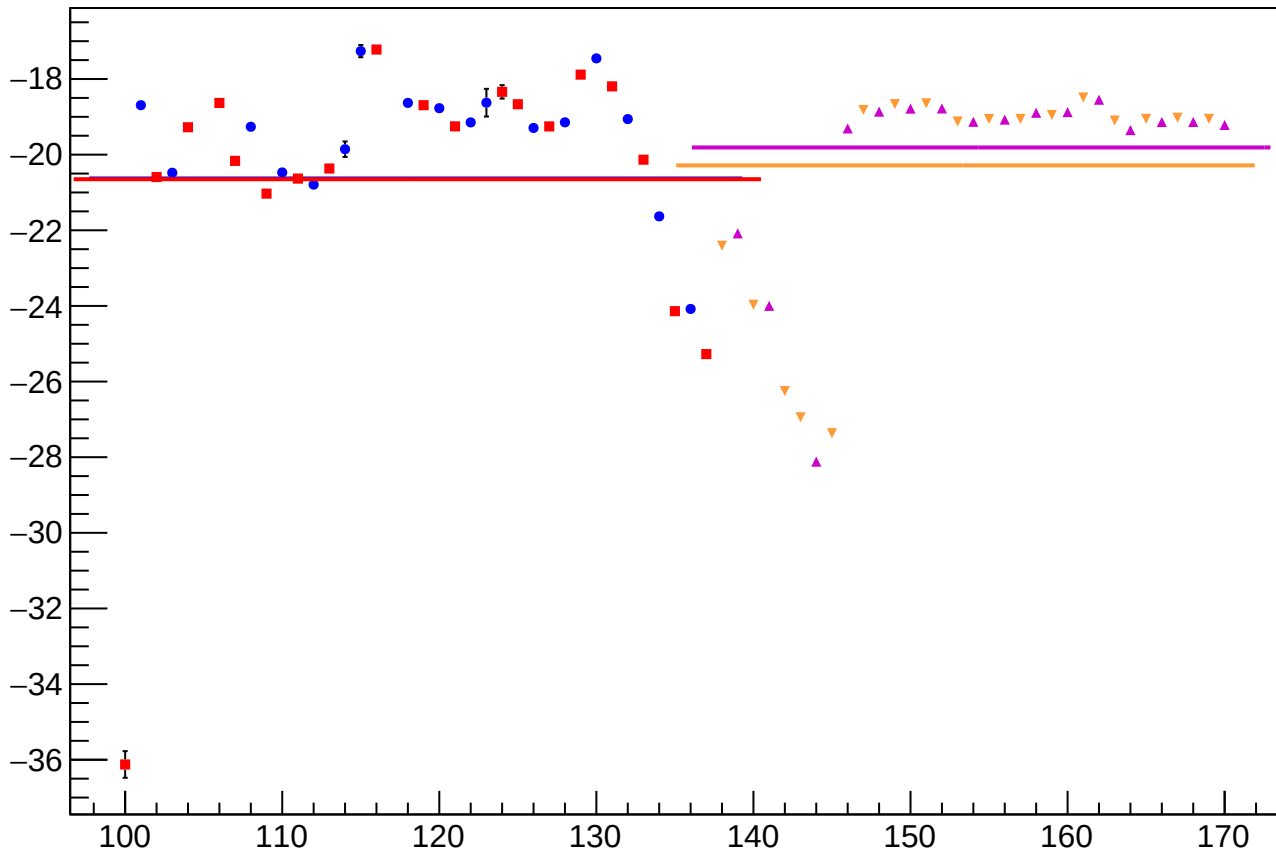
Left In: 7.805 ± 0.205 $\chi^2/\text{NDF}: 633.9/15$

+ sign 7.407 ± 0.176 $\chi^2/\text{NDF}: 1036.6/33$

All: 7.126 ± 0.126 $\chi^2/\text{NDF}: 2196.2/68$

- sign 6.832 ± 0.180 $\chi^2/\text{NDF}: 1154.4/34$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -20.284 ± 0.010 $\chi^2/\text{NDF}: 78806.4/16$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

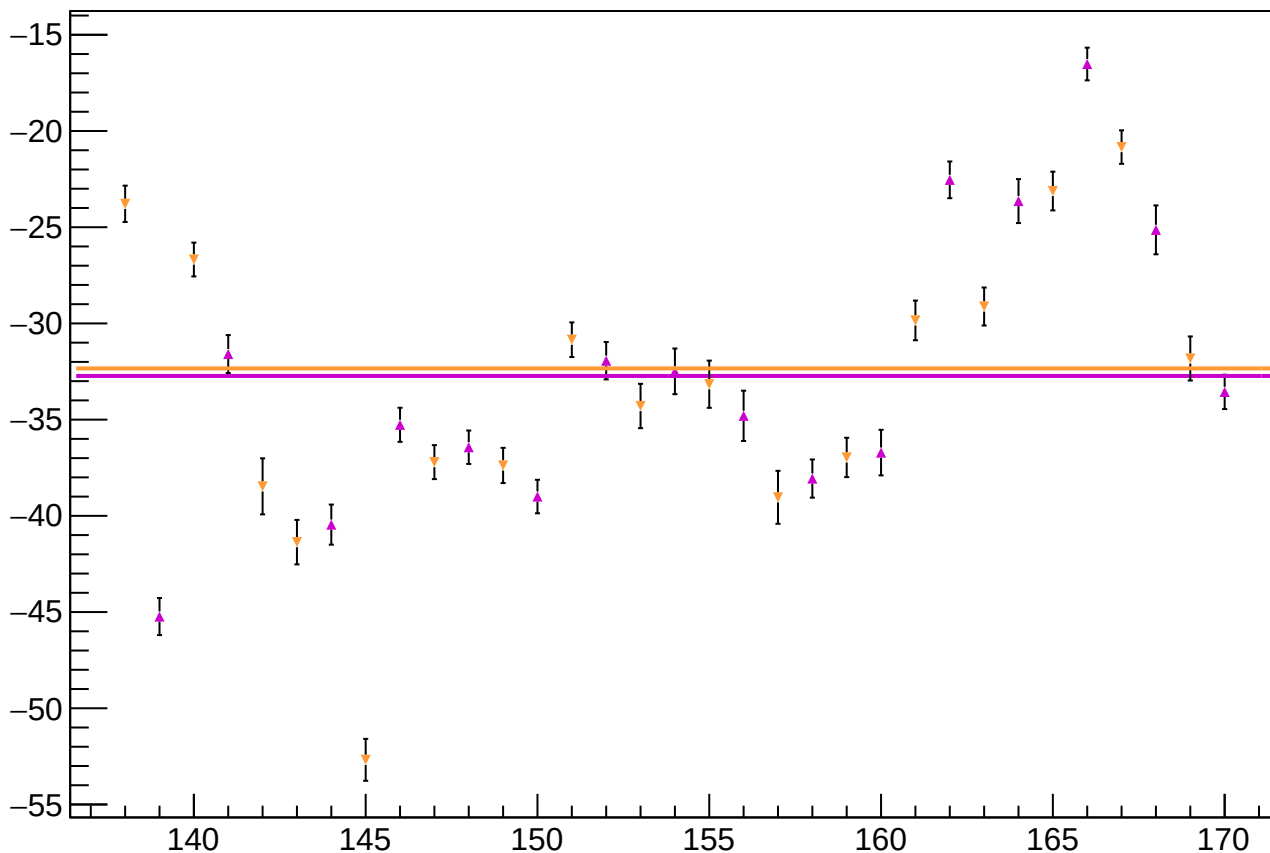
Left In: -19.810 ± 0.010 $\chi^2/\text{NDF}: 49255.8/15$

+ sign -20.354 ± 0.009 $\chi^2/\text{NDF}: 91554.7/33$

All: -20.163 ± 0.006 $\chi^2/\text{NDF}: 157157.0/68$

- sign -19.975 ± 0.009 $\chi^2/\text{NDF}: 64641.9/34$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.338+/-0.249 χ^2/NDF : 936.5/16

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

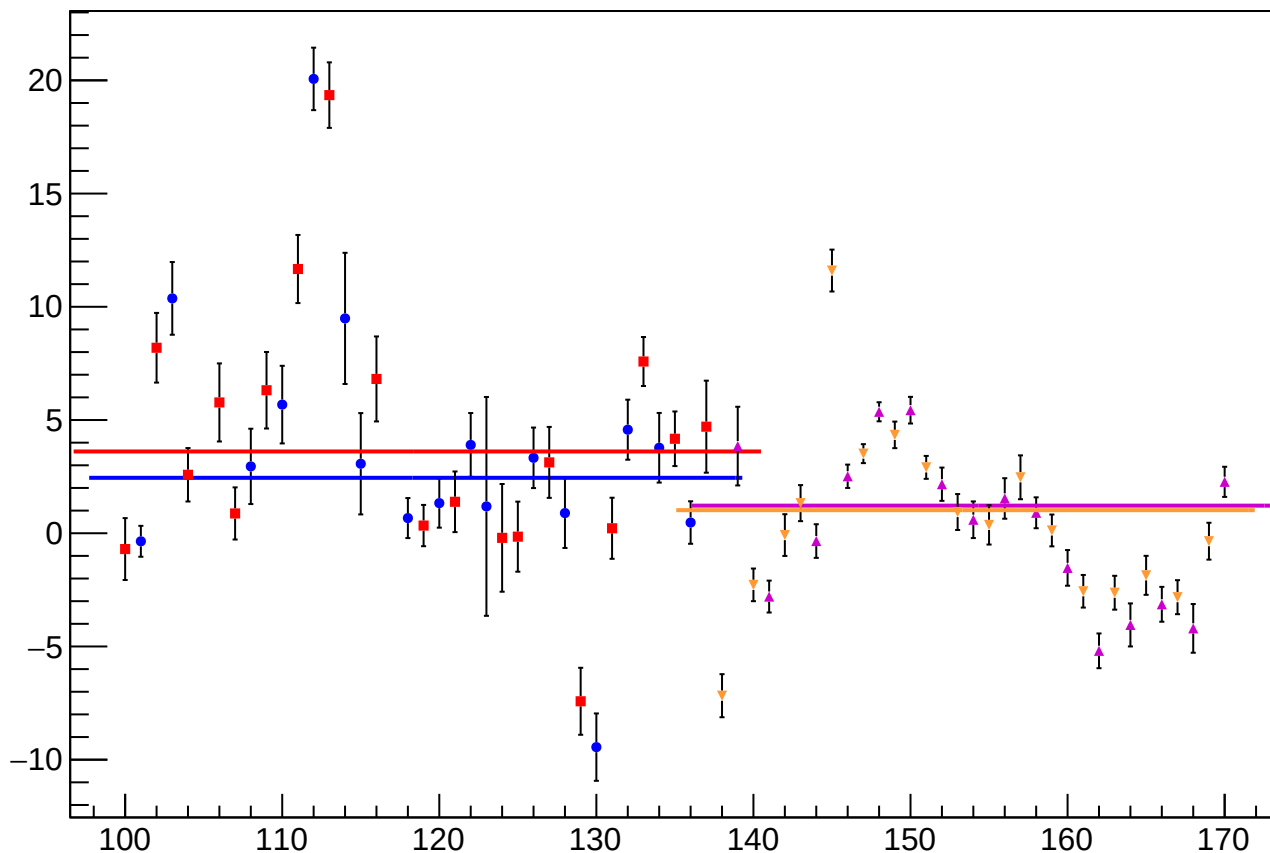
Left In: -32.730+/-0.249 χ^2/NDF : 924.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.534+/-0.176 χ^2/NDF : 1862.3/32

- 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: 1.018 ± 0.172 χ^2/NDF : 402.4/16

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

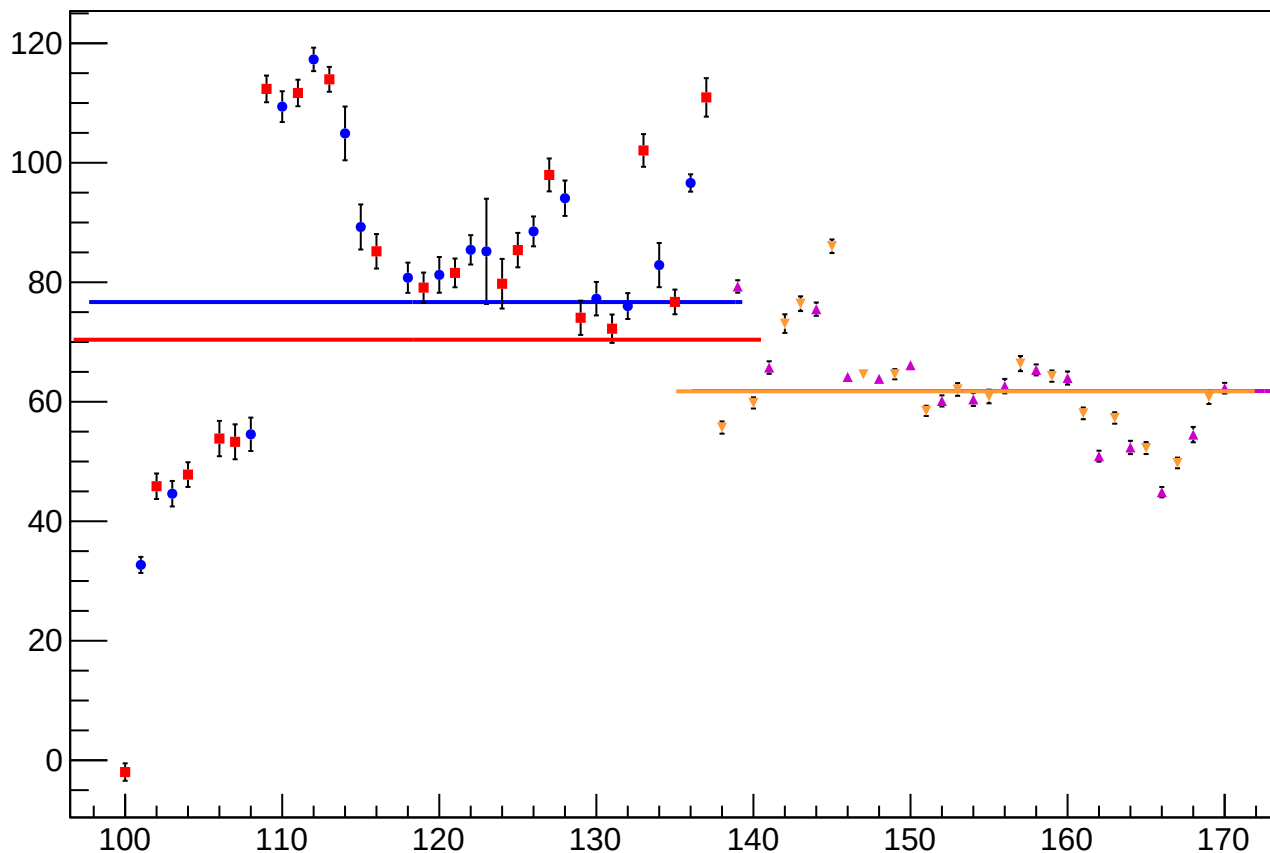
Left In: 1.219 ± 0.176 χ^2/NDF : 369.0/15

+ sign 1.353 ± 0.150 χ^2/NDF : 712.0/33

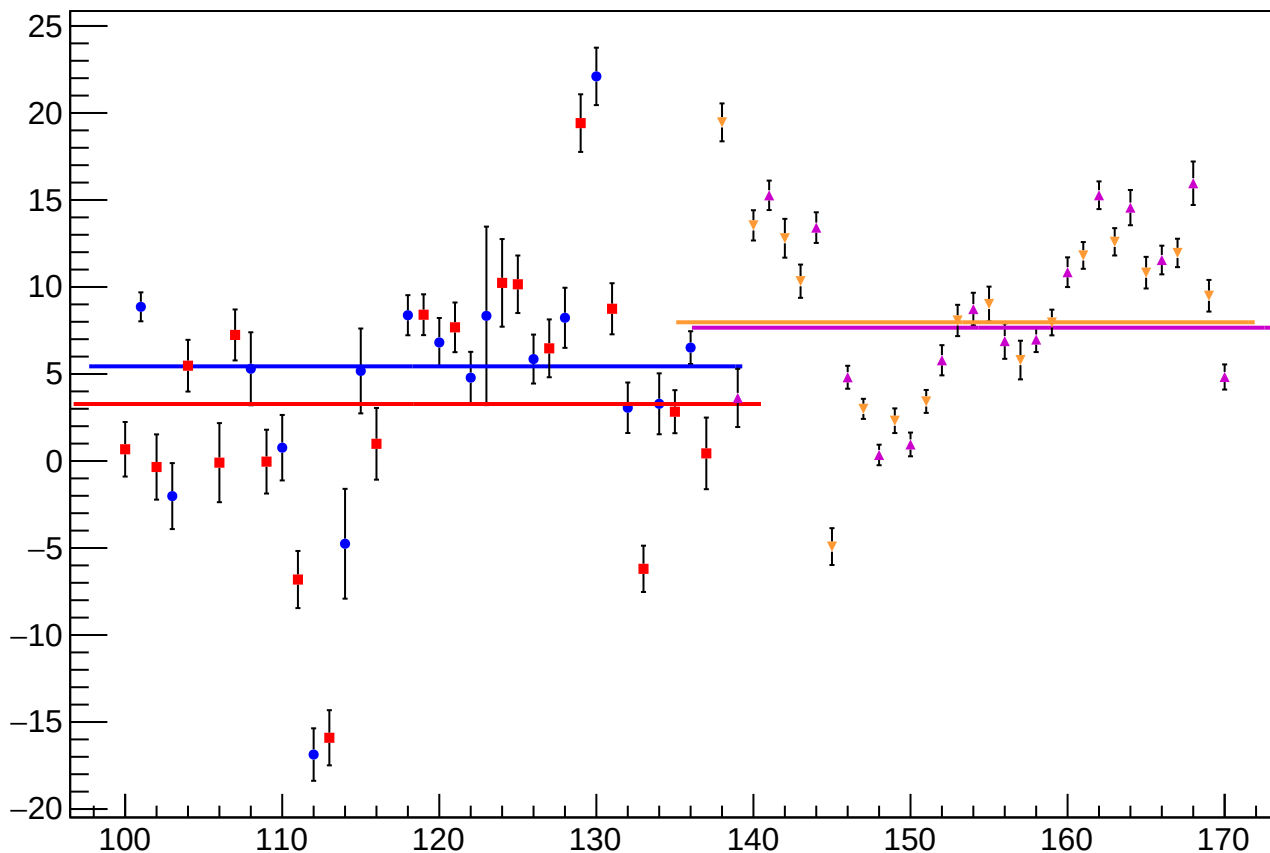
All: 1.560 ± 0.108 χ^2/NDF : 1407.6/68

- sign 1.777 ± 0.154 χ^2/NDF : 691.7/34

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 7.972 ± 0.203 $\chi^2/\text{NDF}: 612.1/16$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

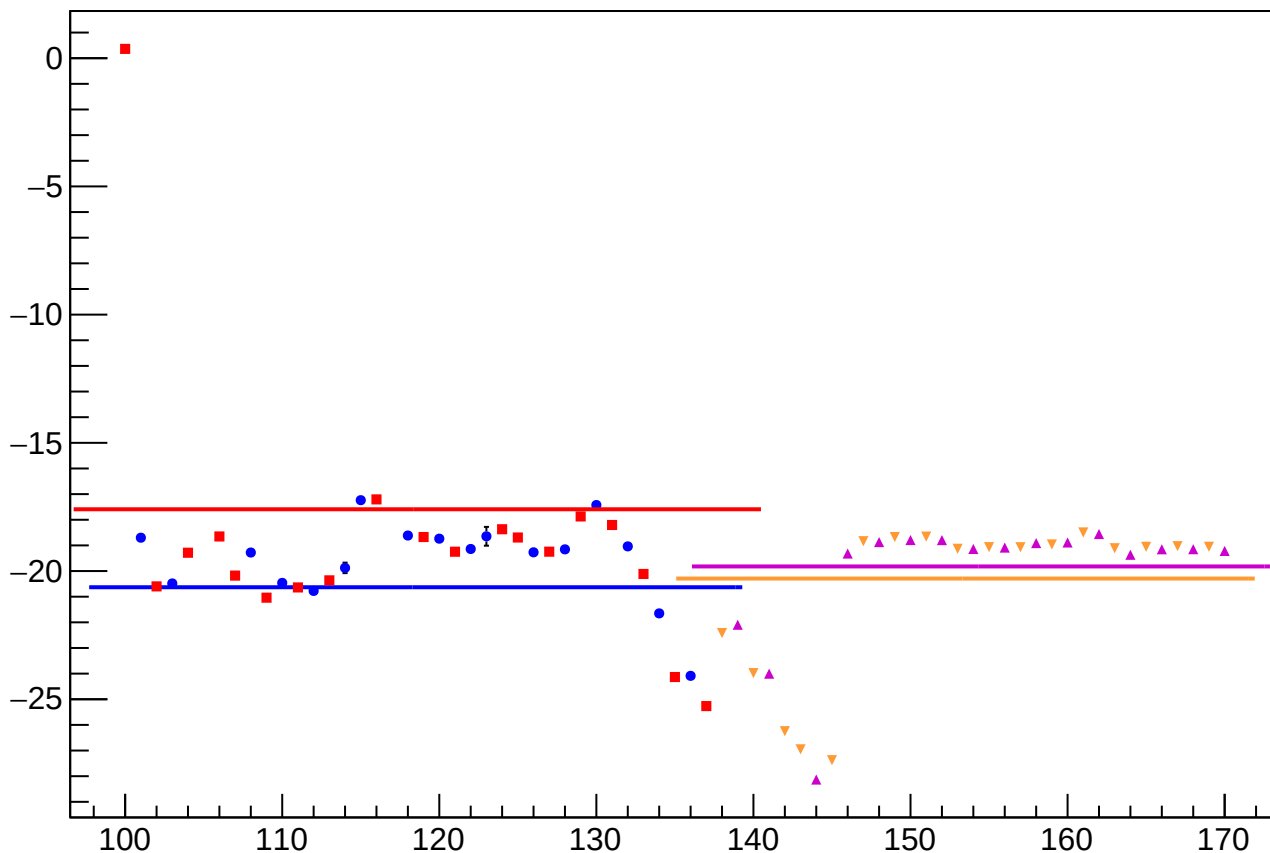
Left In: 7.661 ± 0.206 $\chi^2/\text{NDF}: 639.2/15$

+ sign 7.356 ± 0.176 $\chi^2/\text{NDF}: 1036.0/33$

All: 6.987 ± 0.126 $\chi^2/\text{NDF}: 2219.4/68$

- sign 6.606 ± 0.179 $\chi^2/\text{NDF}: 1174.5/34$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Left Out: -20.293 ± 0.010 χ^2/NDF : 78679.4/16

Right Out: -17.591 ± 0.018 χ^2/NDF : 178680.7/18

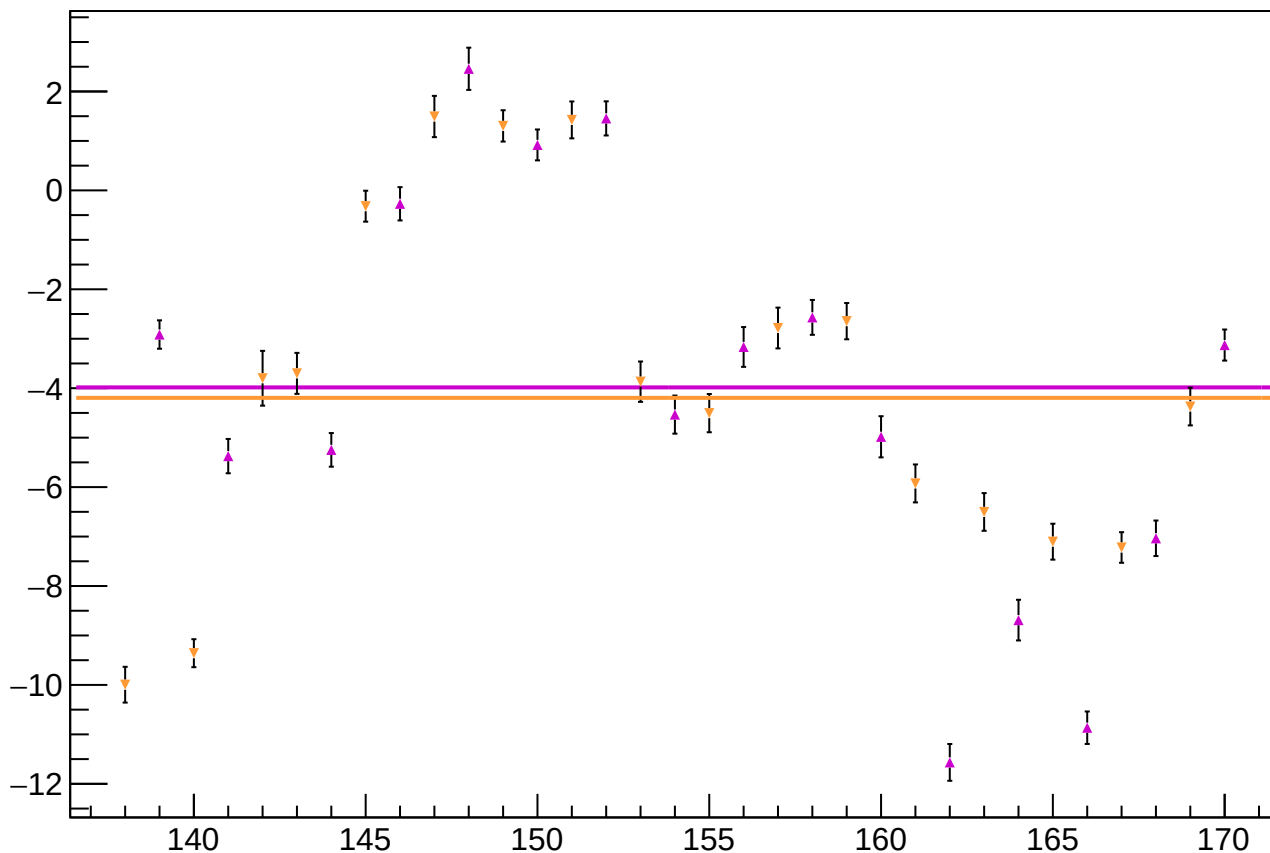
Left In: -19.820 ± 0.010 χ^2/NDF : 49193.3/15

+ sign -20.361 ± 0.009 χ^2/NDF : 91456.4/33

All: -19.831 ± 0.006 χ^2/NDF : 338520.7/68

- sign -19.326 ± 0.008 χ^2/NDF : 239797.3/34

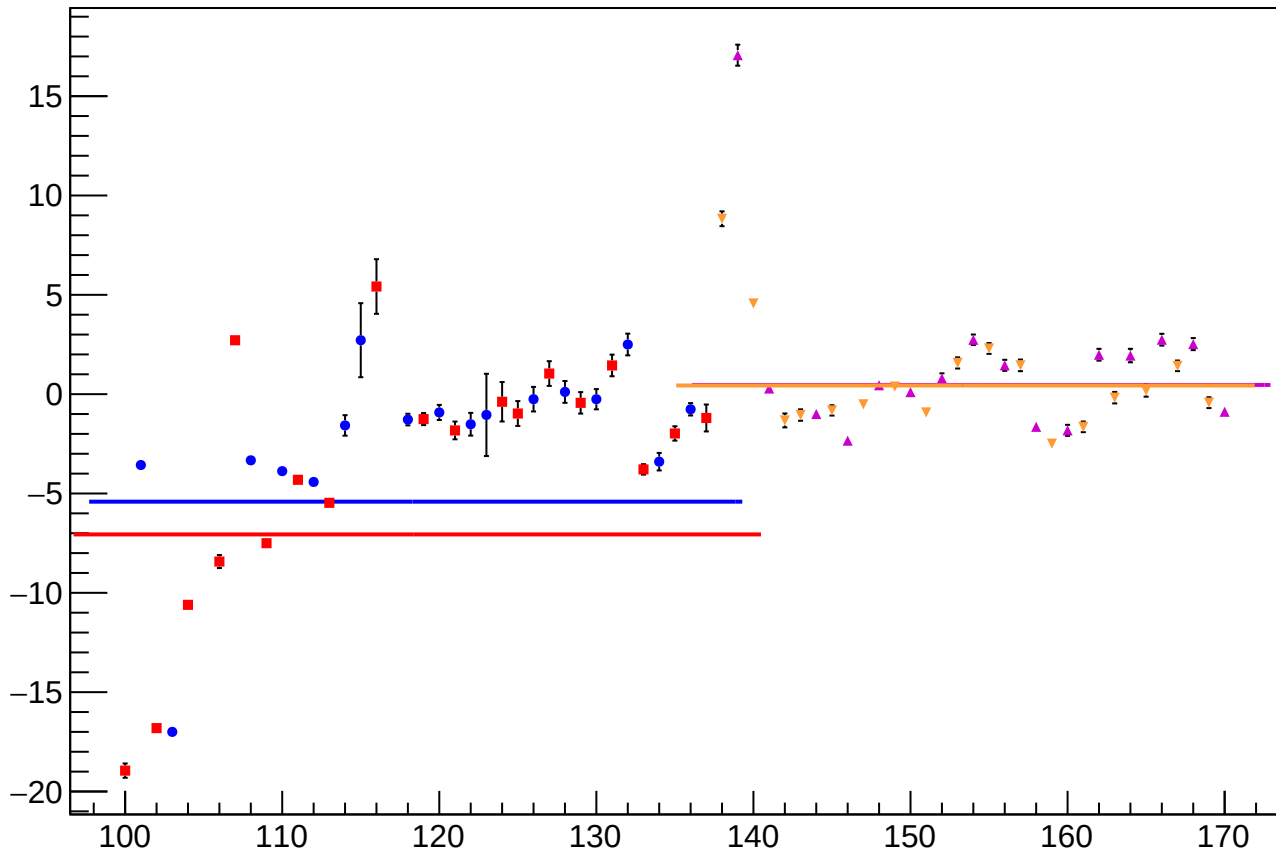
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



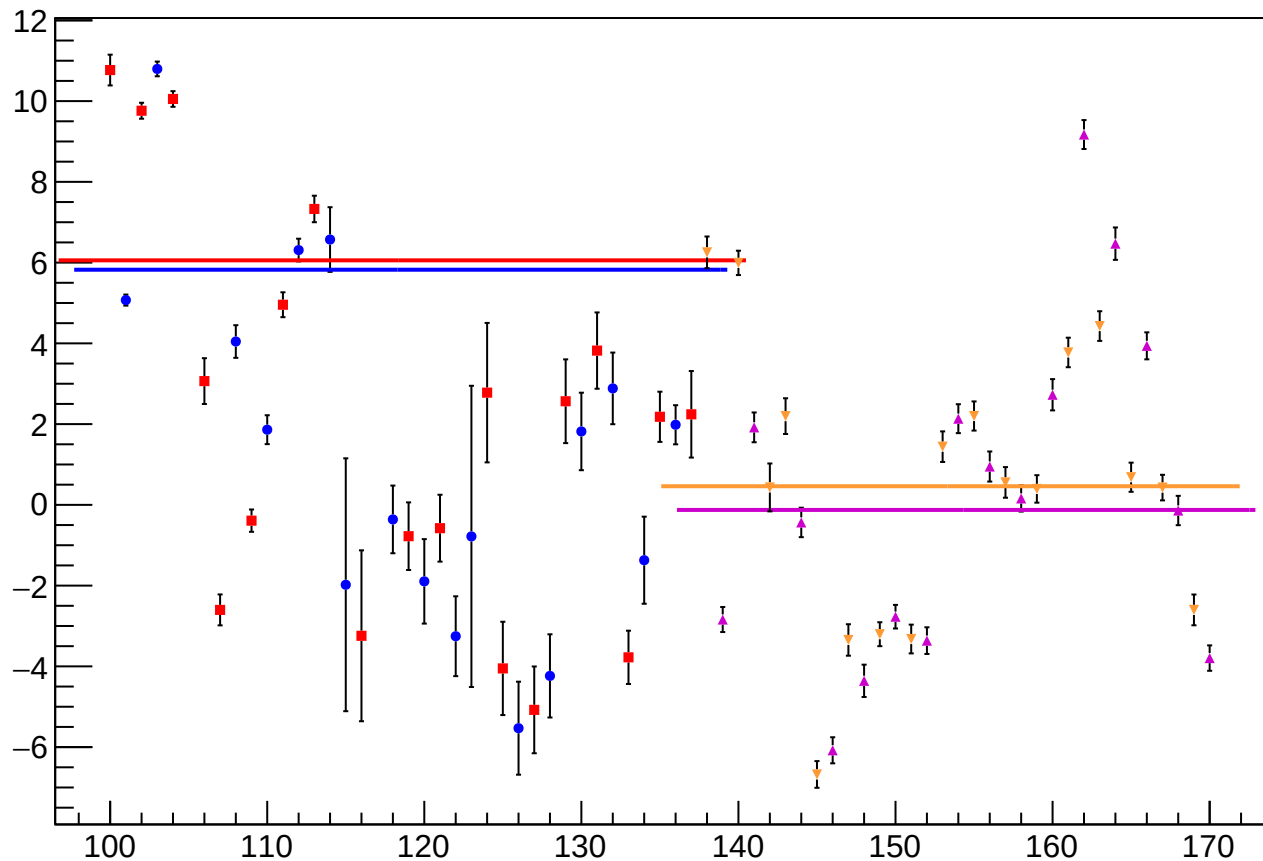
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -4.195 ± 0.089 $\chi^2/\text{NDF}: 1707.2/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -3.984 ± 0.088 $\chi^2/\text{NDF}: 1980.9/15$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -4.089 ± 0.063 $\chi^2/\text{NDF}: 3691.0/32$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 $\chi^2/\text{NDF}: 1452.6/16$

Left Out: 0.461 ± 0.088 $\chi^2/\text{NDF}: 1691.5/16$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

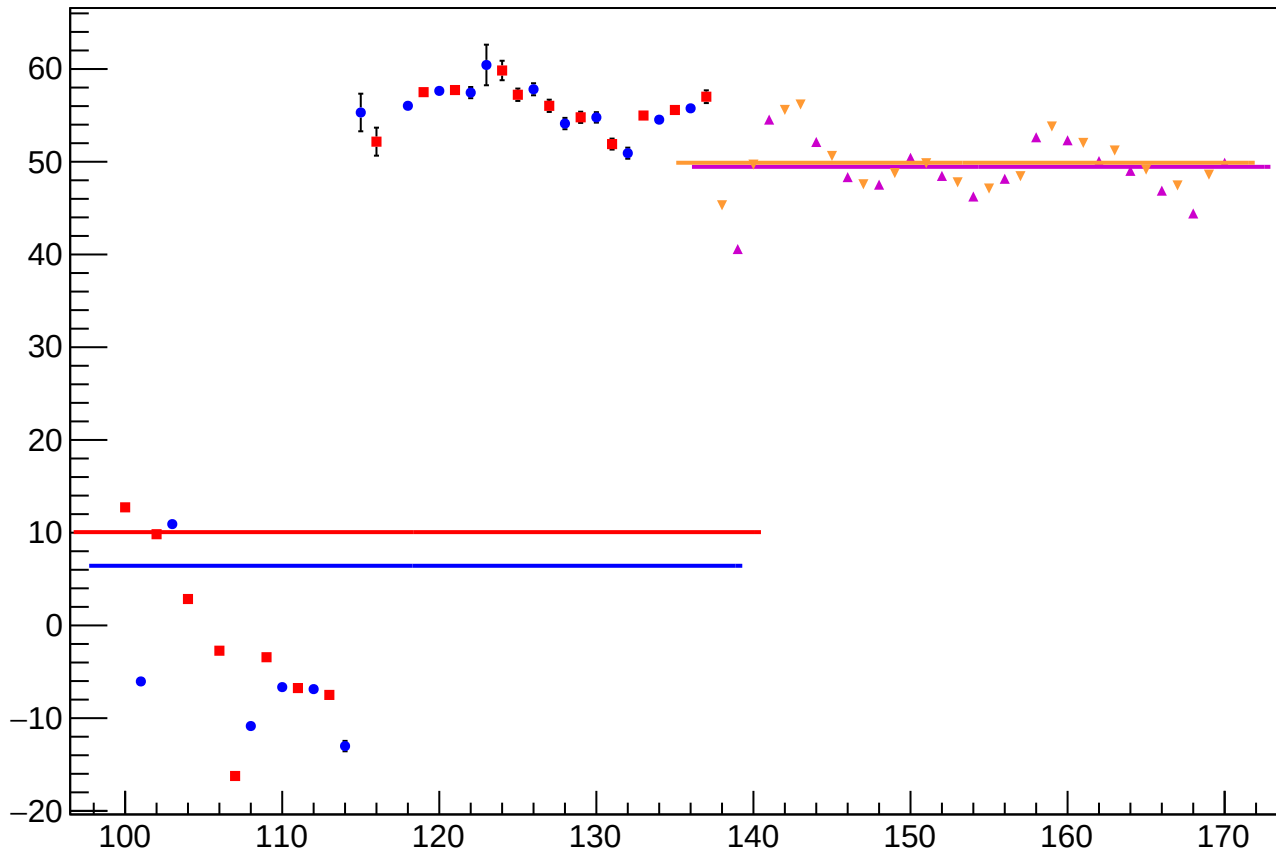
Left In: -0.126 ± 0.086 $\chi^2/\text{NDF}: 2069.4/15$

+ sign 3.085 ± 0.063 $\chi^2/\text{NDF}: 4974.6/33$

All: 2.910 ± 0.045 $\chi^2/\text{NDF}: 12089.5/68$

- sign 2.730 ± 0.063 $\chi^2/\text{NDF}: 7099.1/34$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.893 ± 0.074 χ^2/NDF : 1254.8/16

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

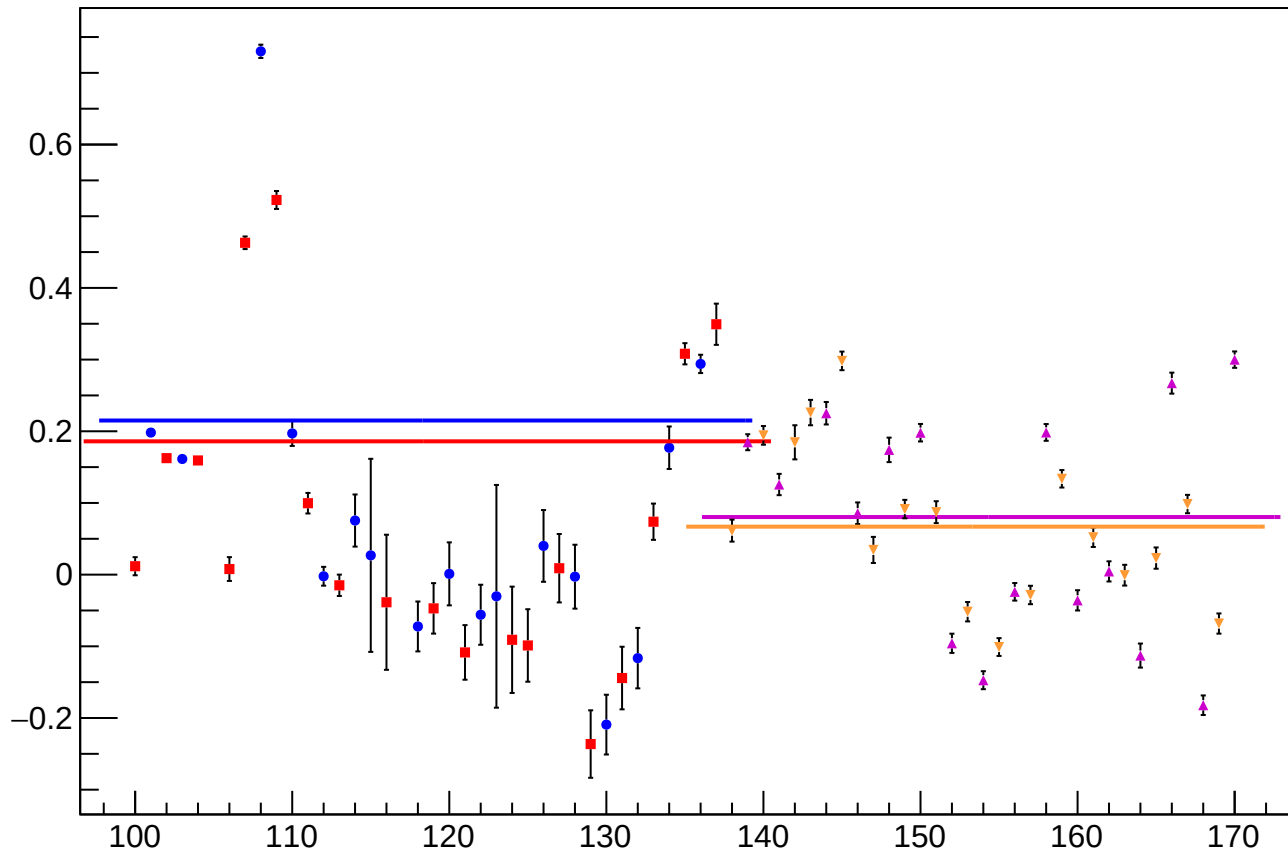
Left In: 49.452 ± 0.075 χ^2/NDF : 1416.2/15

+ sign 25.299 ± 0.049 χ^2/NDF : 320625.3/33

All: 26.769 ± 0.035 χ^2/NDF : 594170.8/68

- sign 28.383 ± 0.051 χ^2/NDF : 271631.4/34

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 χ^2/NDF : 3930.1/16

Left Out: 0.067 ± 0.003 χ^2/NDF : 1002.7/16

Right Out: 0.186 ± 0.003 χ^2/NDF : 2720.3/18

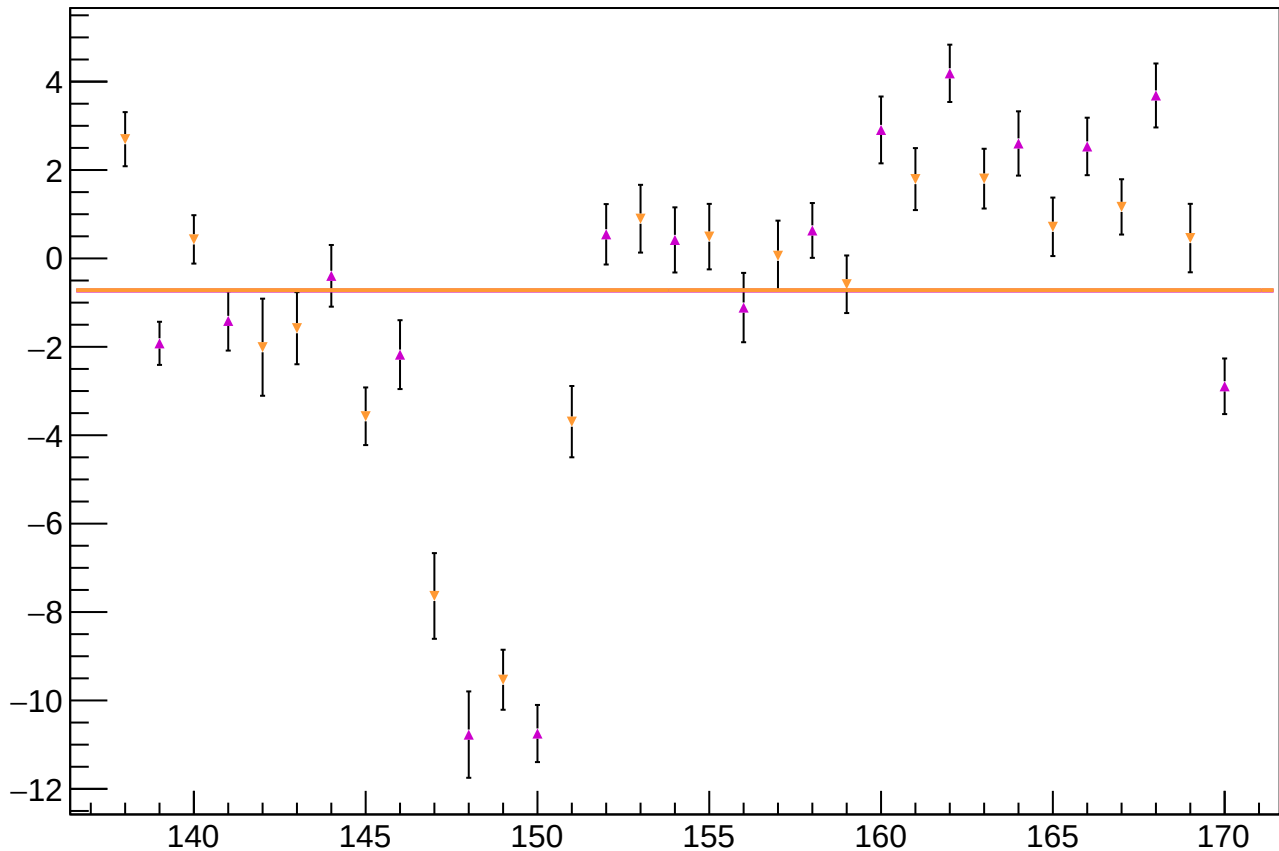
Left In: 0.080 ± 0.003 χ^2/NDF : 2112.1/15

+ sign 0.157 ± 0.002 χ^2/NDF : 6061.8/33

All: 0.151 ± 0.002 χ^2/NDF : 11511.3/68

- sign 0.145 ± 0.002 χ^2/NDF : 5434.2/34

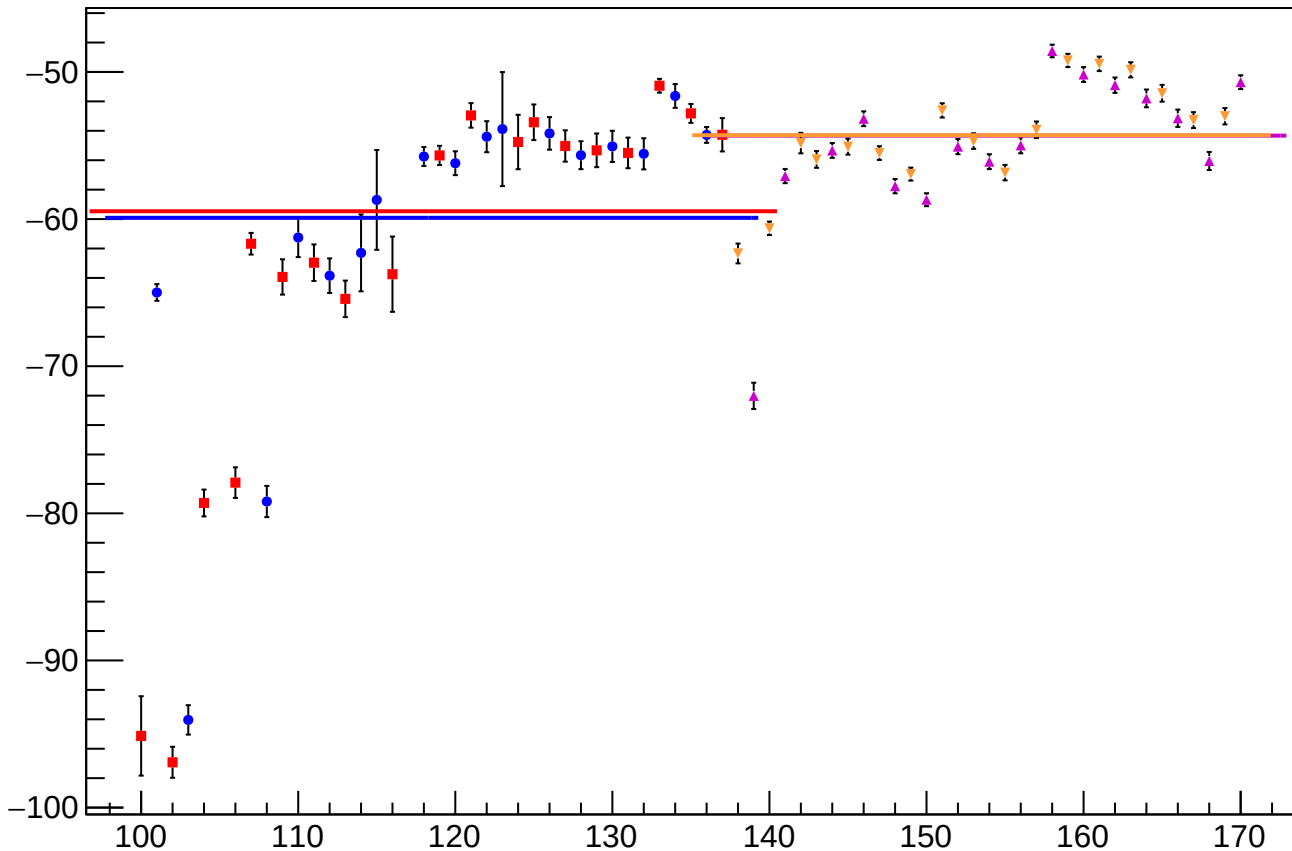
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



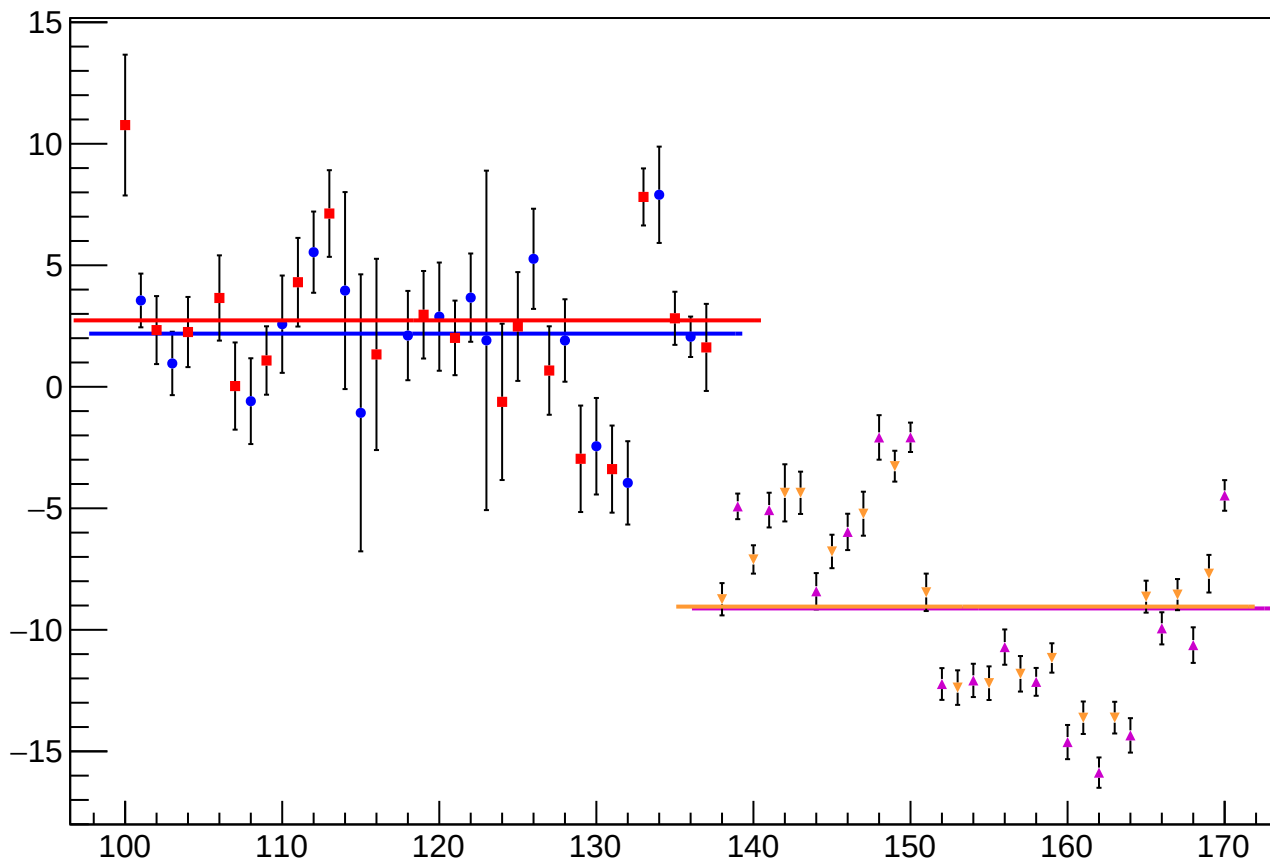
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.718+/-0.172 χ^2/NDF : 341.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.727+/-0.170 χ^2/NDF : 543.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.722+/-0.121 χ^2/NDF : 884.5/32
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 $\pm$ 0.404 χ^2 /NDF: 39.1/16

Left Out: -9.044 $\pm$ 0.170 χ^2 /NDF:337.3/16

Right Out: 2.733 $\pm$ 0.388 χ^2 /NDF: 58.9/18

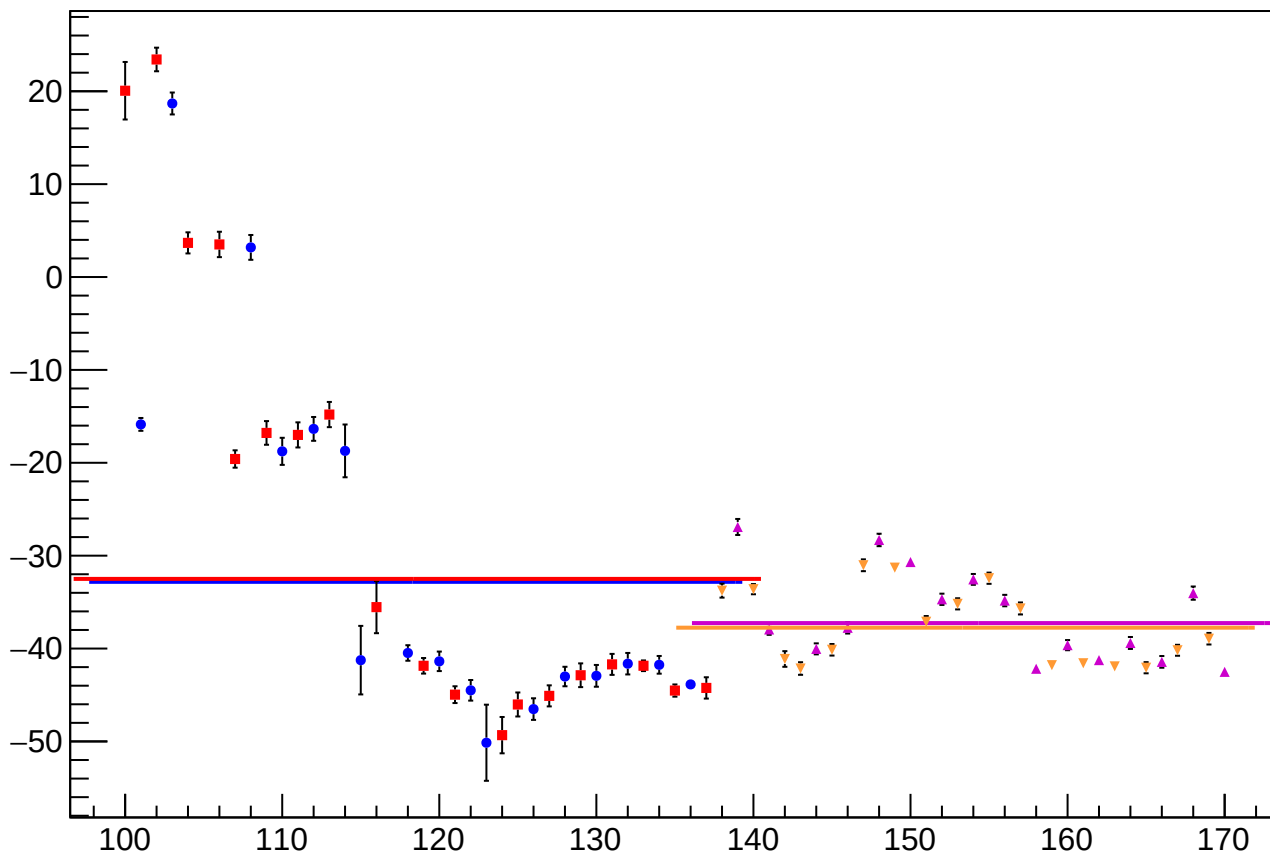
Left In: -9.120 $\pm$ 0.167 χ^2 /NDF:675.6/15

+ sign -7.348 $\pm$ 0.157 χ^2 /NDF: 1032.4/33

All: -7.303 $\pm$ 0.110 χ^2 /NDF: 2555.3/68

- sign -7.259 $\pm$ 0.154 χ^2 /NDF: 1522.8/34

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -37.753 ± 0.145 $\chi^2/\text{NDF}: 783.0/16$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

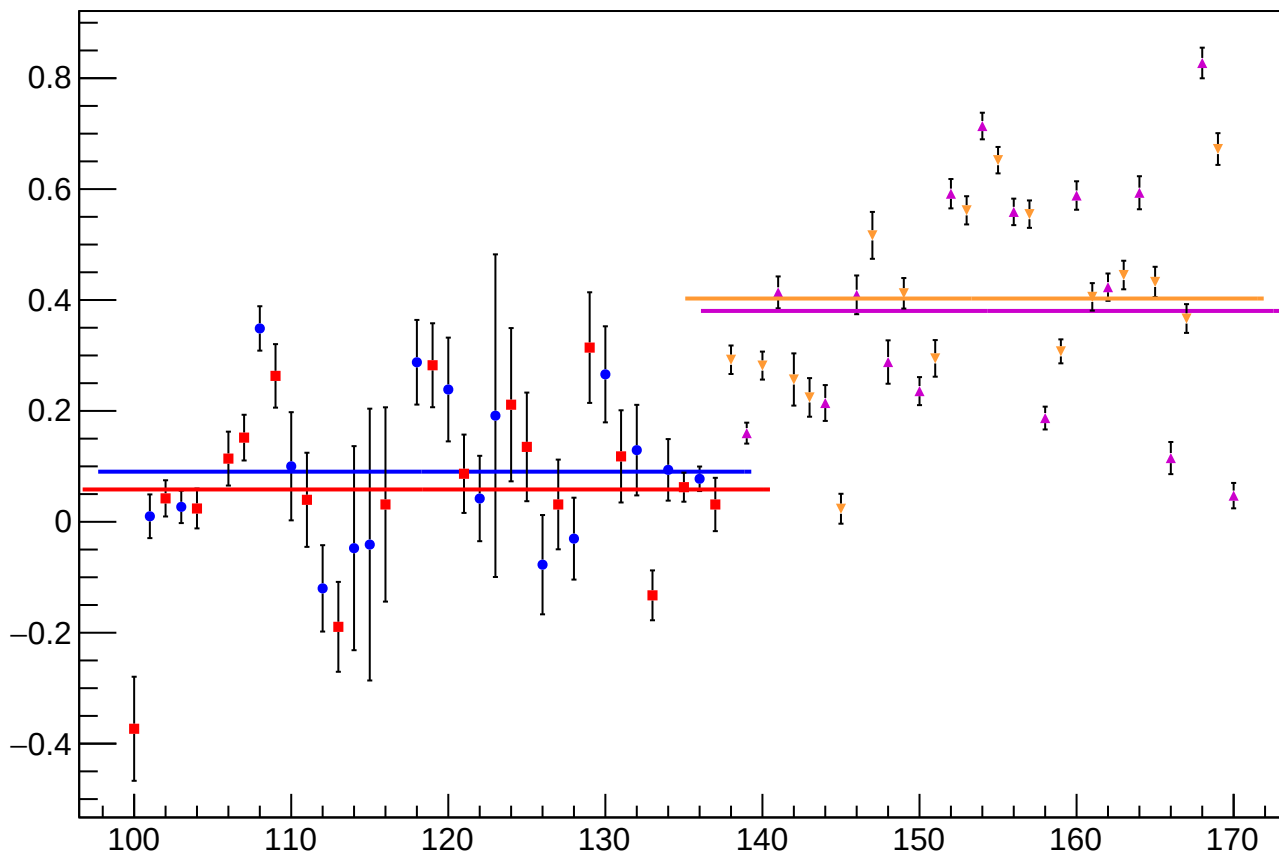
Left In: -37.258 ± 0.147 $\chi^2/\text{NDF}: 983.9/15$

+ sign -36.540 ± 0.126 $\chi^2/\text{NDF}: 5734.5/33$

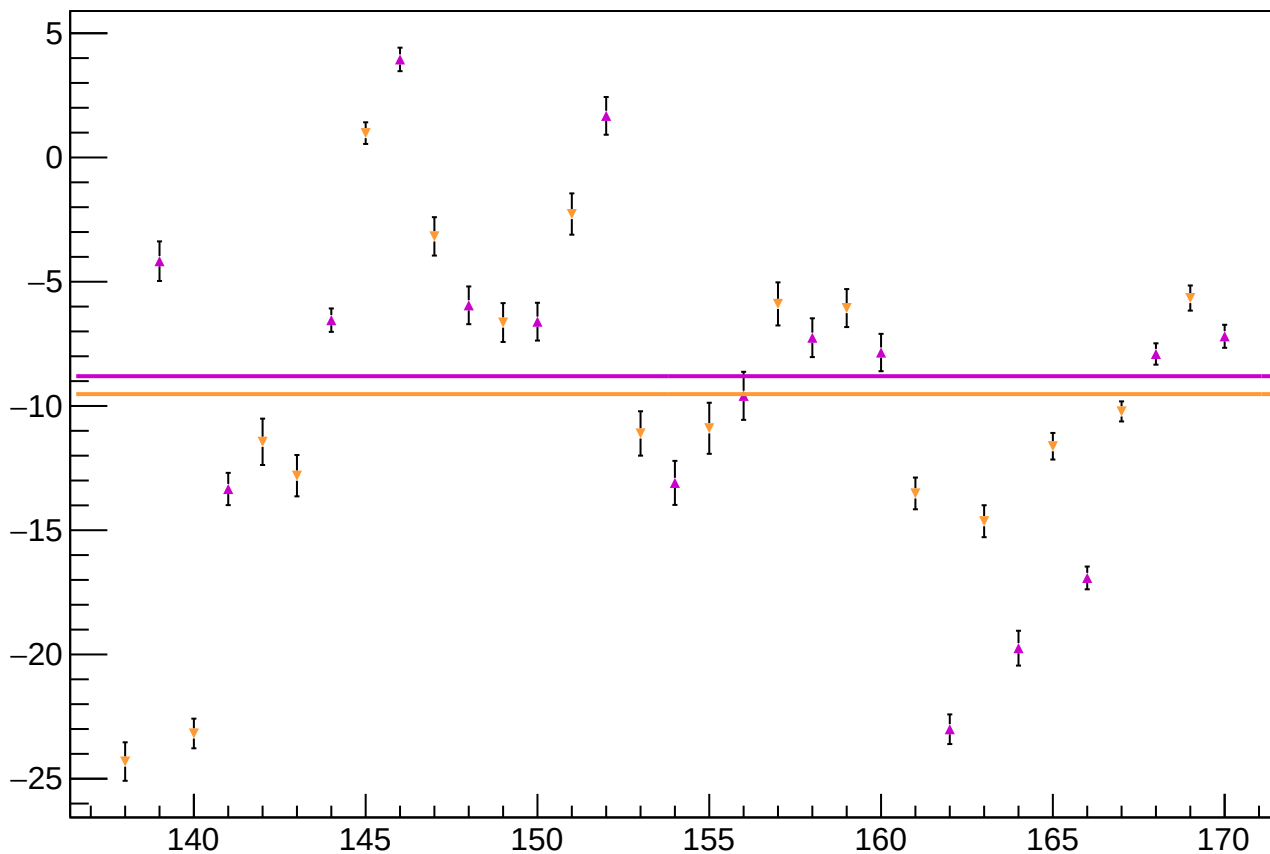
All: -36.267 ± 0.089 $\chi^2/\text{NDF}: 13044.9/68$

- sign -35.996 ± 0.126 $\chi^2/\text{NDF}: 7301.1/34$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



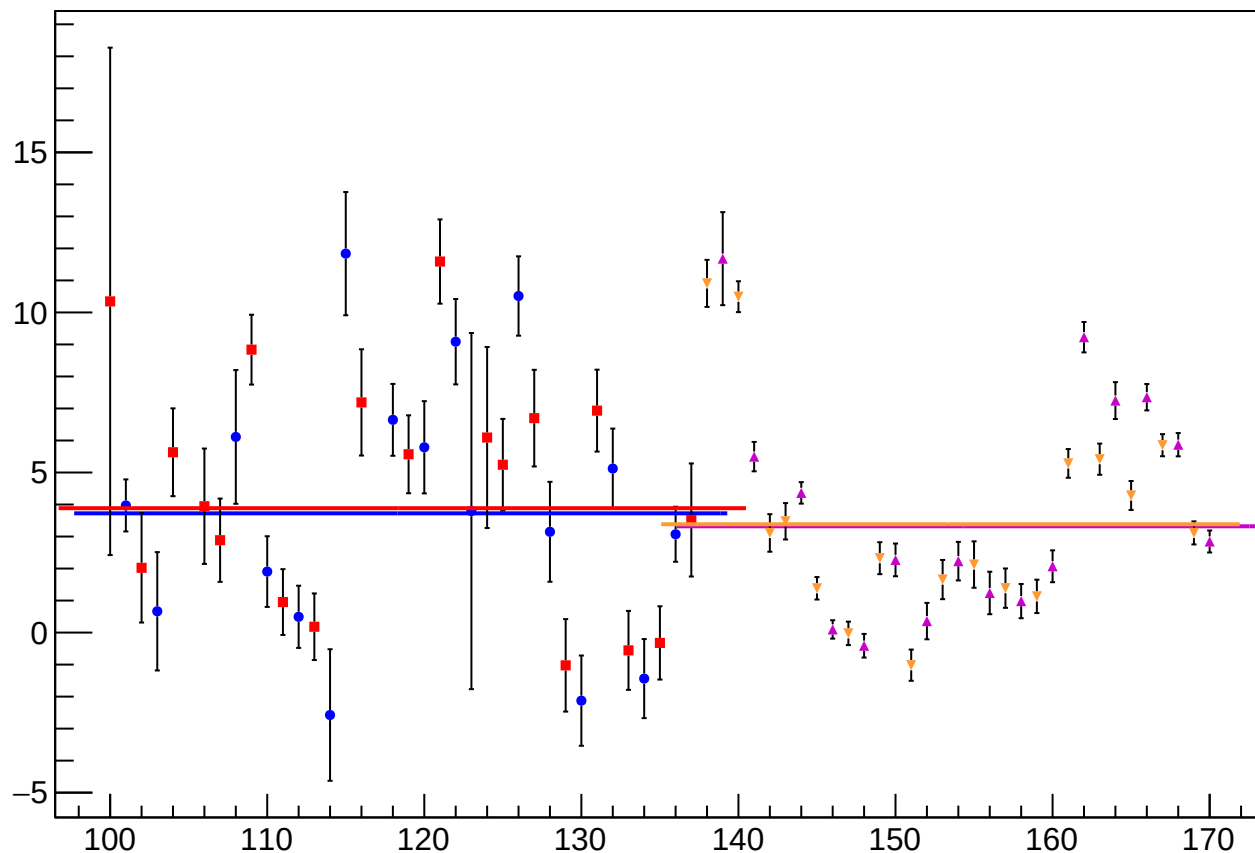
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.523 $\pm$ 0.157 χ^2 /NDF:1867.5/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.801 $\pm$ 0.151 χ^2 /NDF:2217.2/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -9.150 $\pm$ 0.109 χ^2 /NDF: 4095.7/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 3.383 ± 0.114 χ^2/NDF : 658.6/16

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

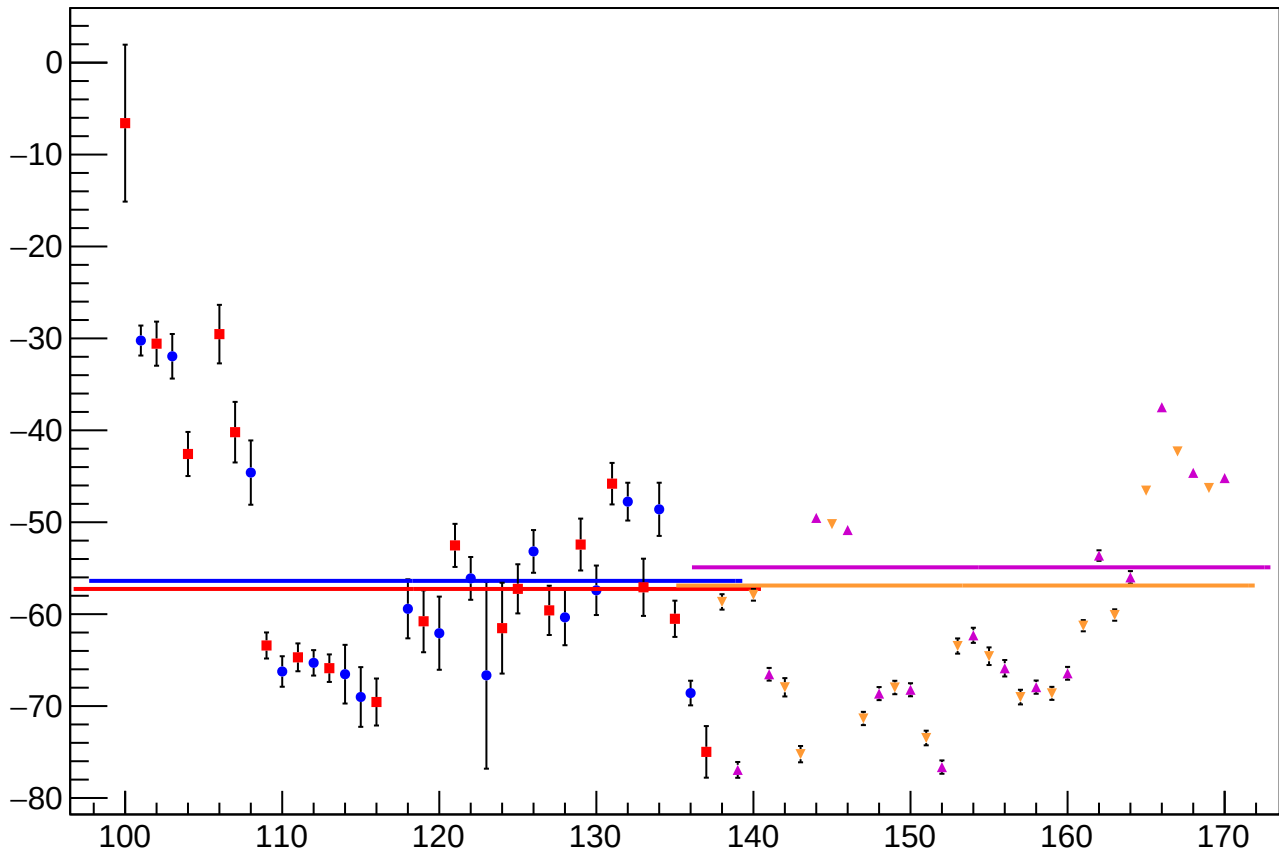
Left In: 3.320 ± 0.110 χ^2/NDF : 711.4/15

+ sign 3.424 ± 0.107 χ^2/NDF : 796.5/33

All: 3.402 ± 0.075 χ^2/NDF : 1645.2/68

- sign 3.381 ± 0.104 χ^2/NDF : 848.6/34

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -56.884 ± 0.156 χ^2/NDF : 4605.5/16

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

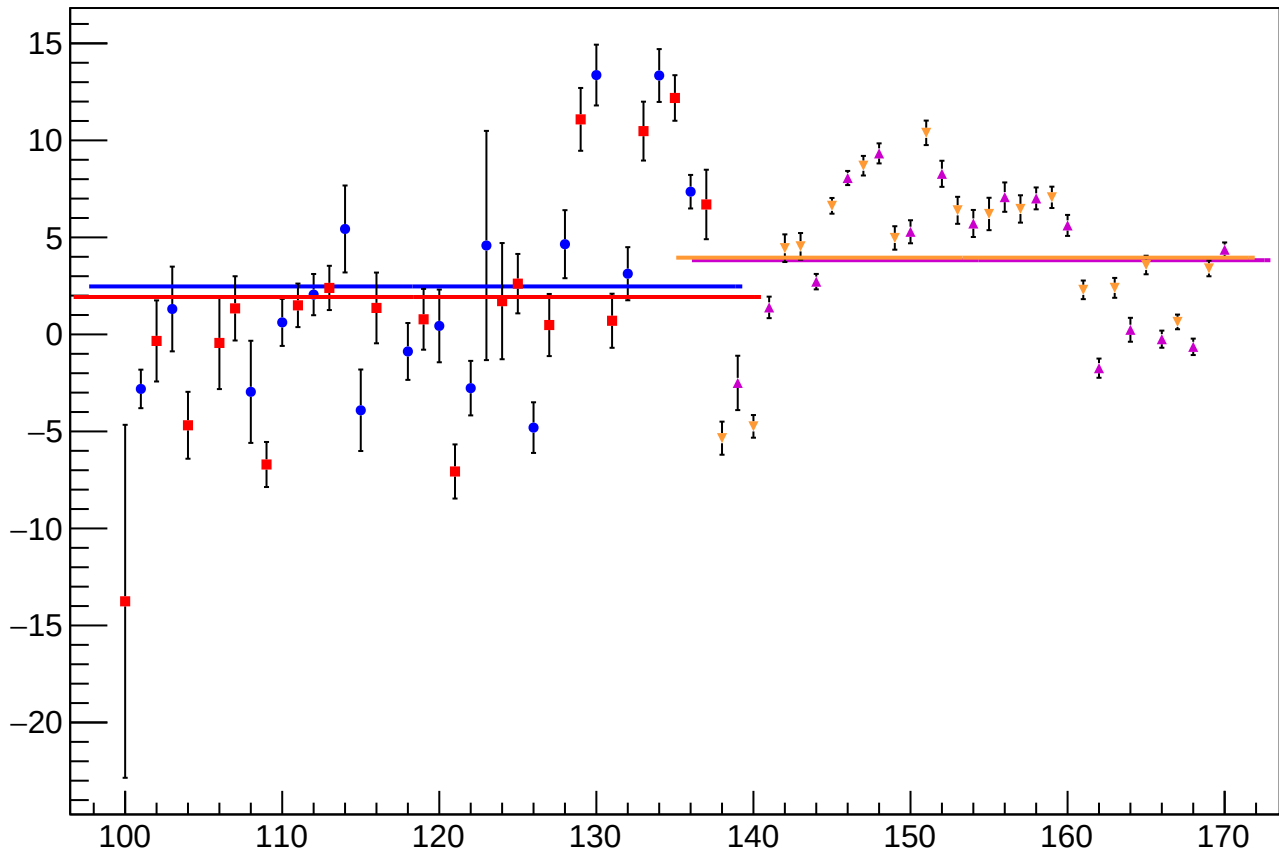
Left In: -54.904 ± 0.150 χ^2/NDF : 5982.4/15

+ sign -56.846 ± 0.150 χ^2/NDF : 5193.7/33

All: -55.925 ± 0.104 χ^2/NDF : 11742.2/68

- sign -55.075 ± 0.144 χ^2/NDF : 6476.4/34

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 $\pm$ 0.345 χ^2 /NDF: 243.6/16

Left Out: 3.955 $\pm$ 0.131 χ^2 /NDF: 744.4/16

Right Out: 1.928 $\pm$ 0.355 χ^2 /NDF: 266.6/18

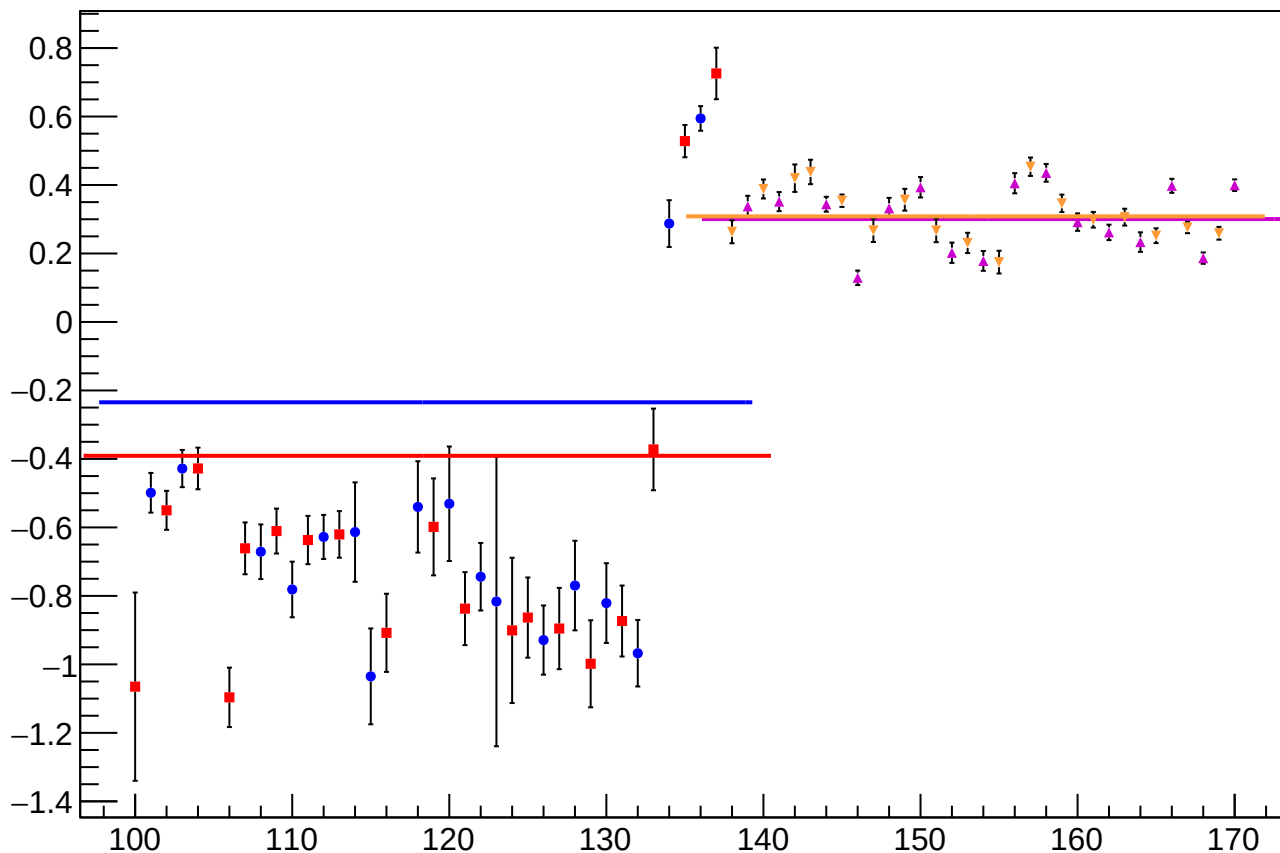
Left In: 3.824 $\pm$ 0.128 χ^2 /NDF: 773.5/15

+ sign 3.768 $\pm$ 0.123 χ^2 /NDF: 1004.1/33

All: 3.686 $\pm$ 0.086 χ^2 /NDF: 2070.3/68

- sign 3.607 $\pm$ 0.120 χ^2 /NDF: 1065.4/34

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.308 ± 0.006 χ^2/NDF : 114.7/16

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

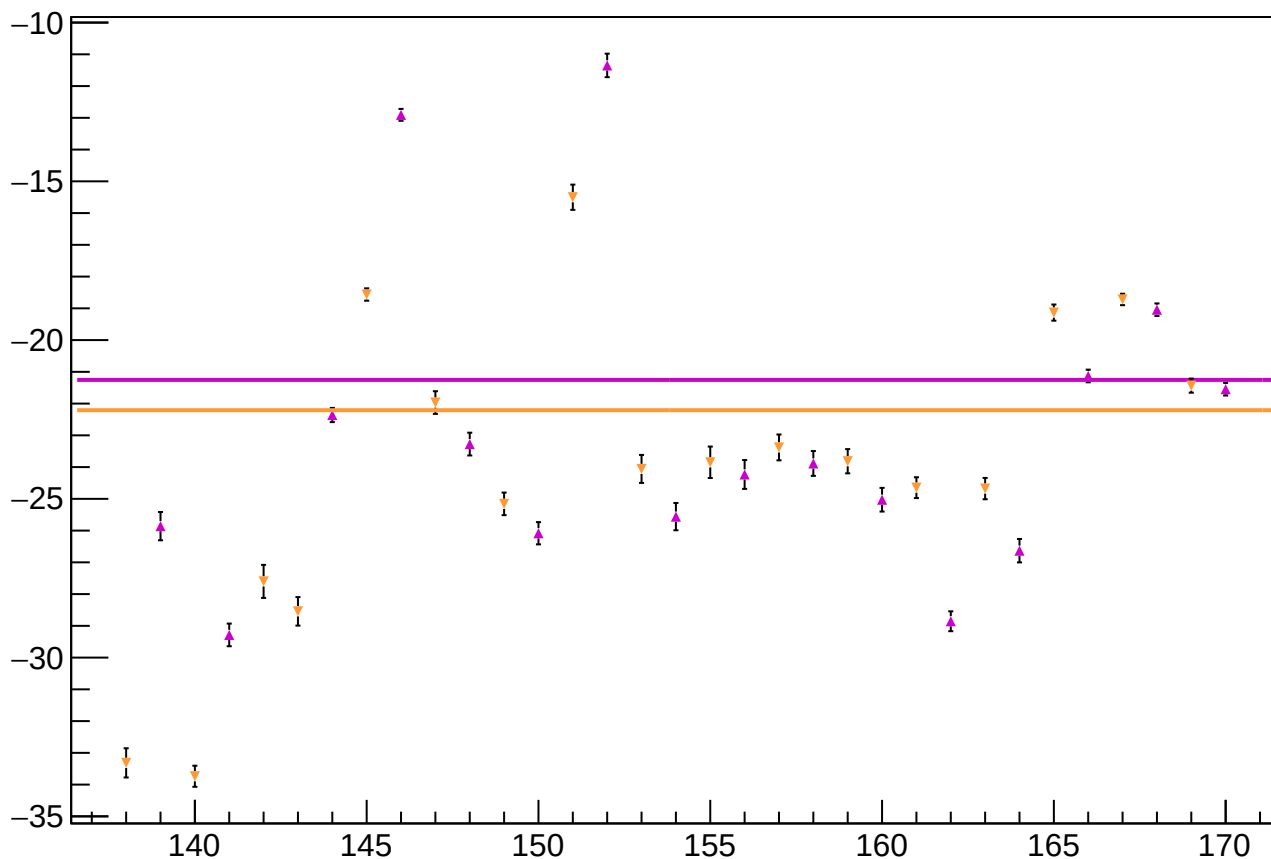
Left In: 0.301 ± 0.006 χ^2/NDF : 266.9/15

+ sign 0.256 ± 0.006 χ^2/NDF : 1821.5/33

All: 0.247 ± 0.004 χ^2/NDF : 4157.2/68

- sign 0.238 ± 0.006 χ^2/NDF : 2330.9/34

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -22.208+/-0.075 χ^2/NDF : 3494.3/16

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

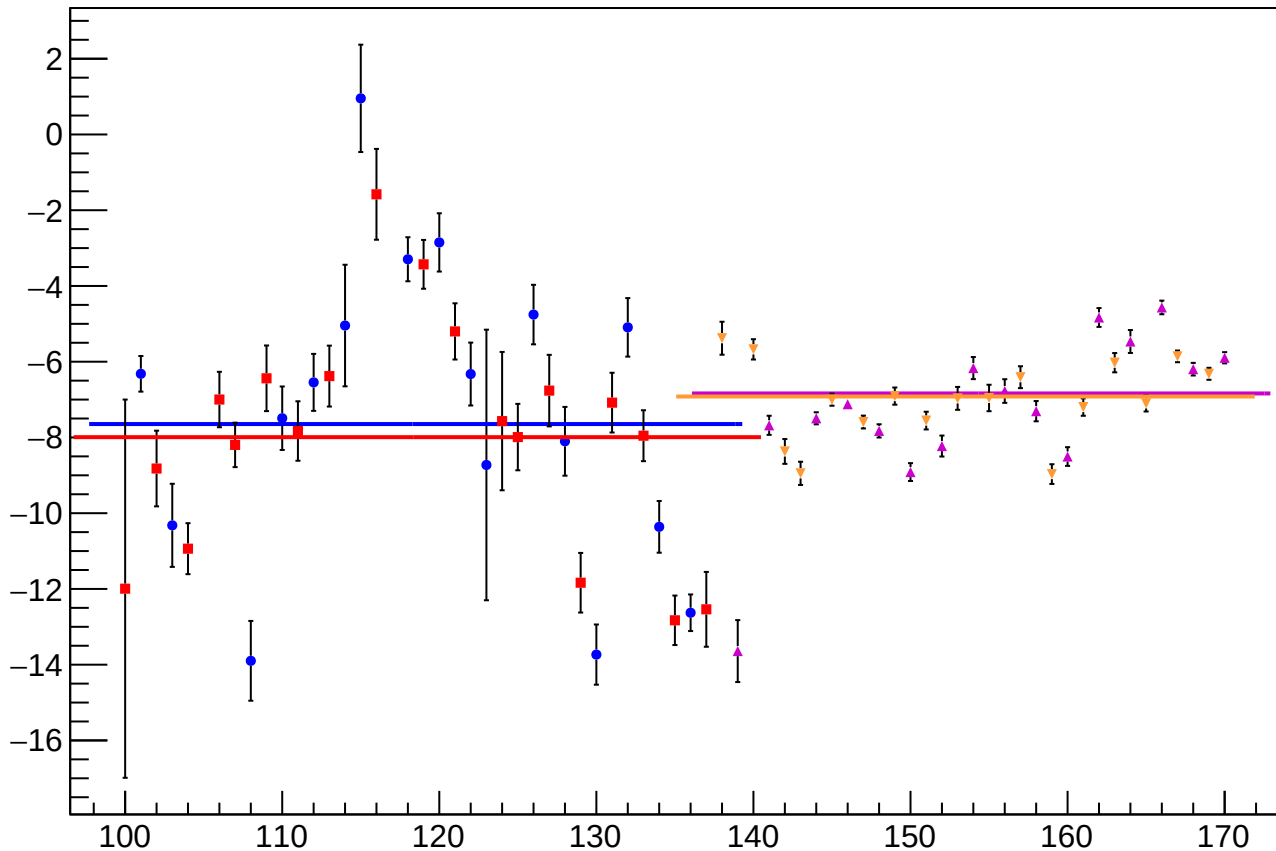
Left In: -21.254+/-0.070 χ^2/NDF : 4781.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.700+/-0.051 χ^2/NDF : 8361.4/32

- 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: -6.919 ± 0.055 χ^2/NDF : 262.0/16

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

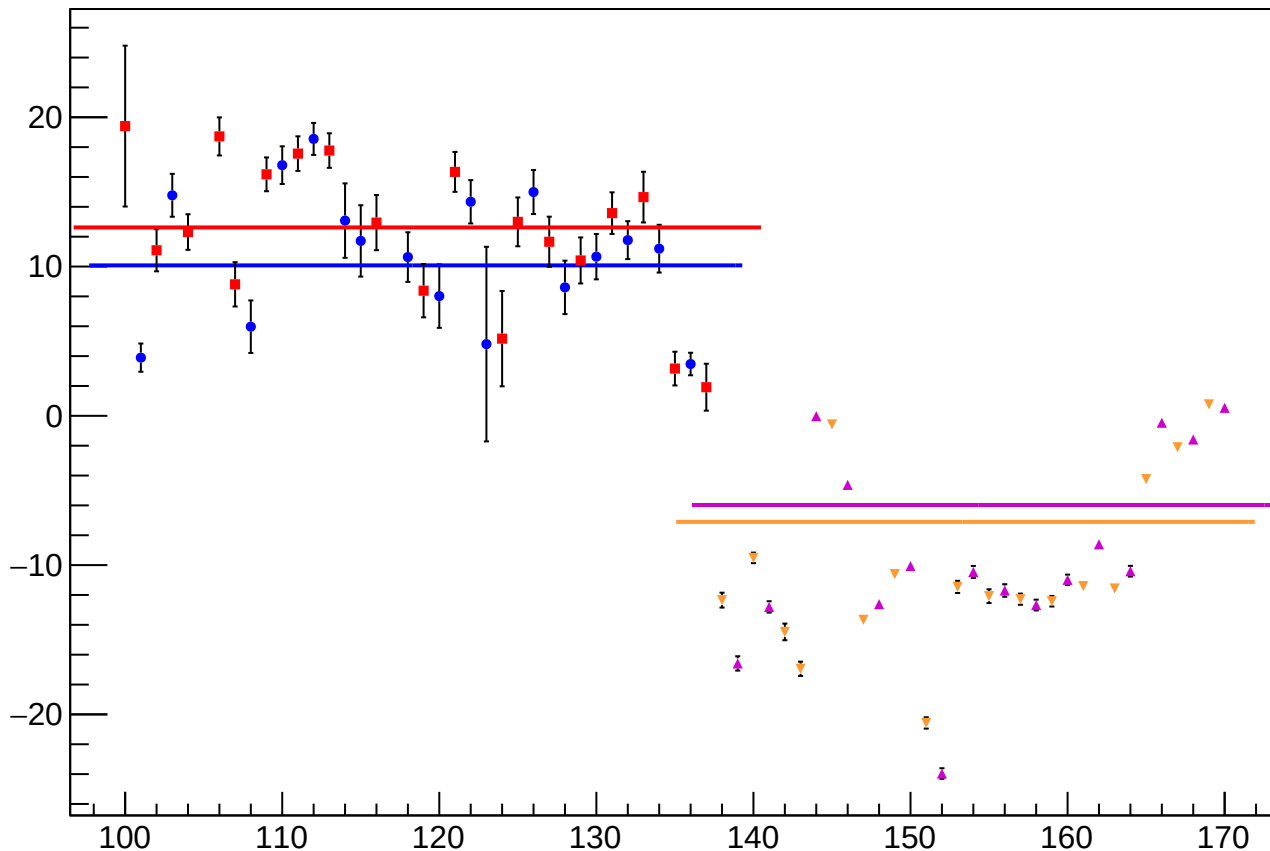
Left In: -6.838 ± 0.051 χ^2/NDF : 591.9/15

+ sign -6.977 ± 0.052 χ^2/NDF : 669.7/33

All: -6.946 ± 0.036 χ^2/NDF : 1523.7/68

- sign -6.919 ± 0.049 χ^2/NDF : 853.3/34

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -7.103 ± 0.075 $\chi^2/\text{NDF}: 6652.4/16$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

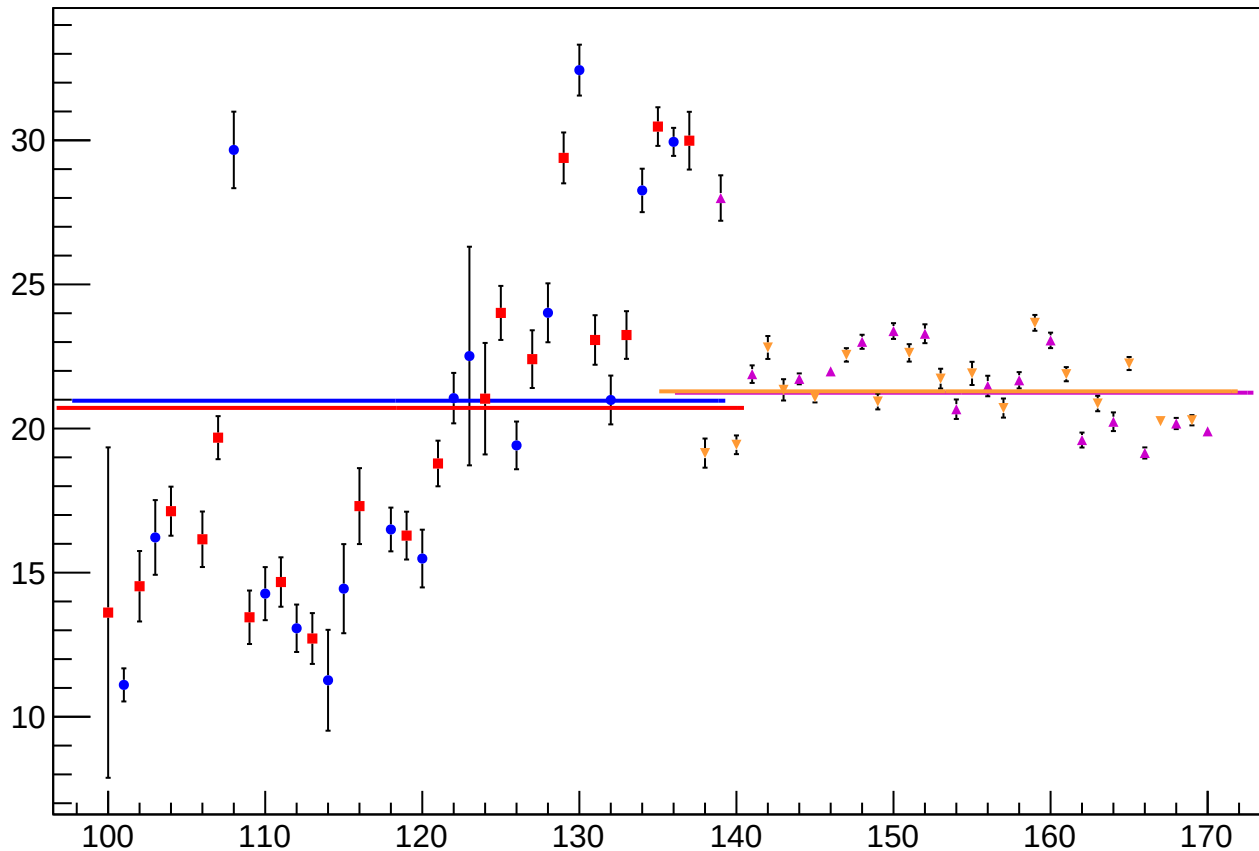
Left In: -5.974 ± 0.070 $\chi^2/\text{NDF}: 7979.0/15$

+ sign -6.296 ± 0.073 $\chi^2/\text{NDF}: 9385.4/33$

All: -5.706 ± 0.050 $\chi^2/\text{NDF}: 20703.3/68$

- sign -5.193 ± 0.068 $\chi^2/\text{NDF}: 11195.8/34$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 21.290 $\pm$ 0.063 χ^2 /NDF: 294.5/16

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

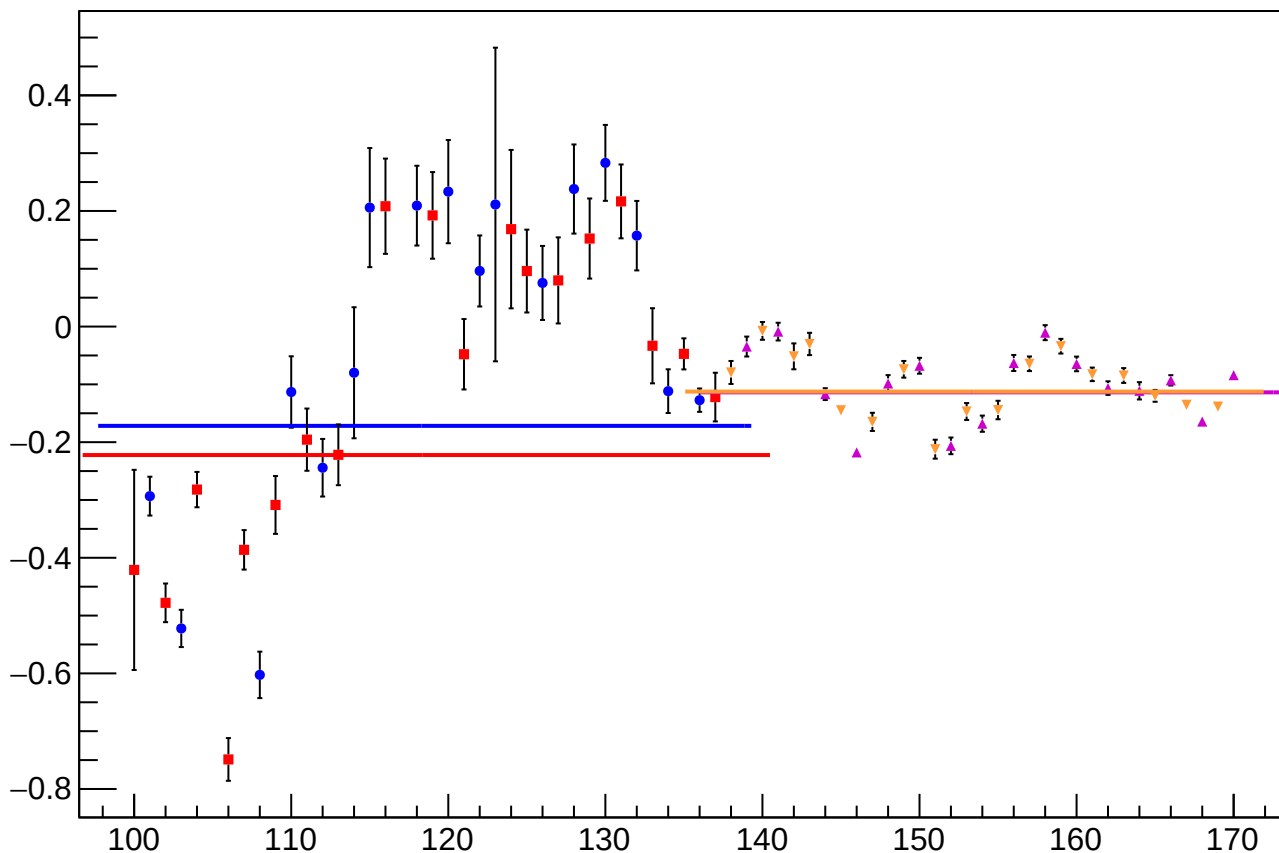
Left In: 21.243 $\pm$ 0.059 χ^2 /NDF: 580.2/15

+ sign 21.263 $\pm$ 0.060 χ^2 /NDF: 1522.2/33

All: 21.232 $\pm$ 0.041 χ^2 /NDF: 2838.5/68

- sign 21.205 $\pm$ 0.057 χ^2 /NDF: 1315.9/34

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.112 ± 0.003 χ^2/NDF : 239.3/16

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

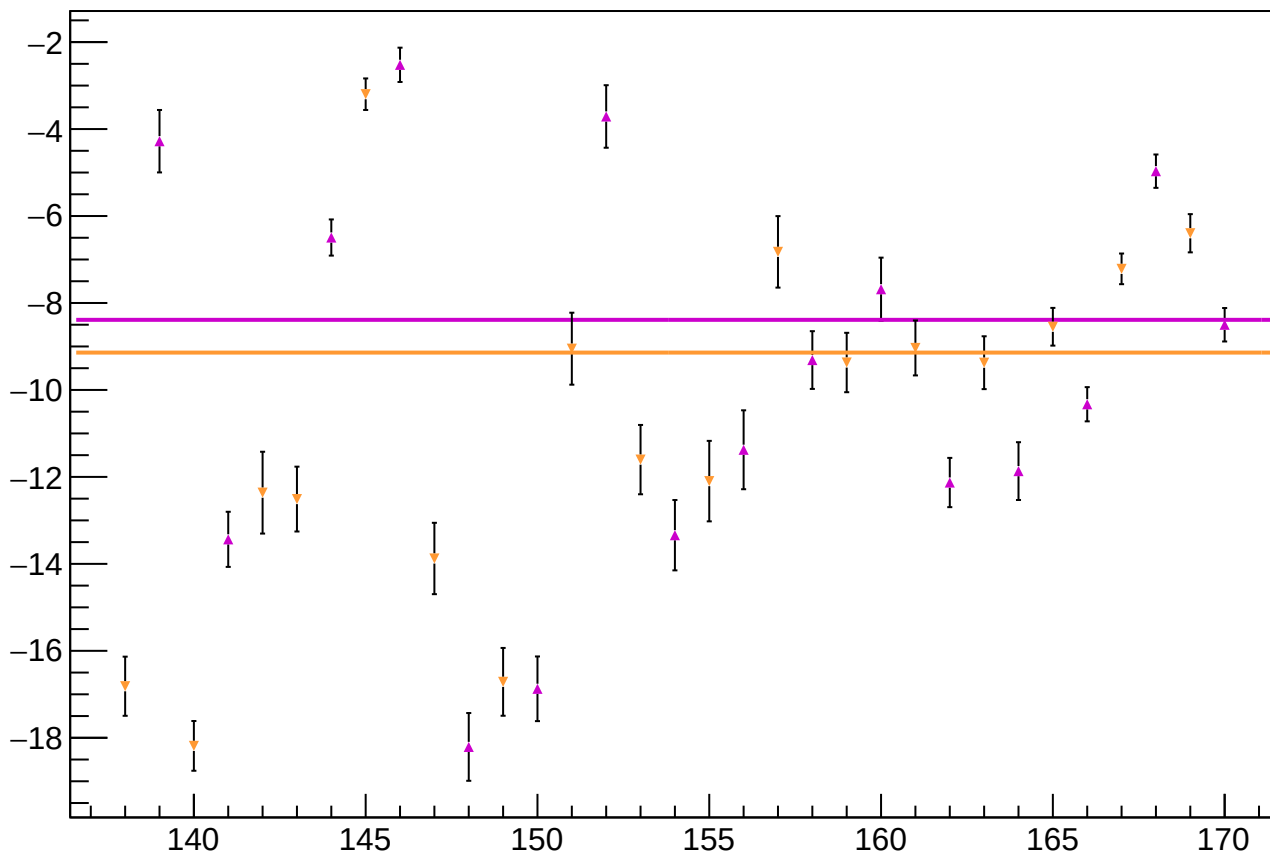
Left In: -0.114 ± 0.003 χ^2/NDF : 447.2/15

+ sign -0.116 ± 0.003 χ^2/NDF : 729.8/33

All: -0.118 ± 0.002 χ^2/NDF : 1806.5/68

- sign -0.120 ± 0.003 χ^2/NDF : 1075.6/34

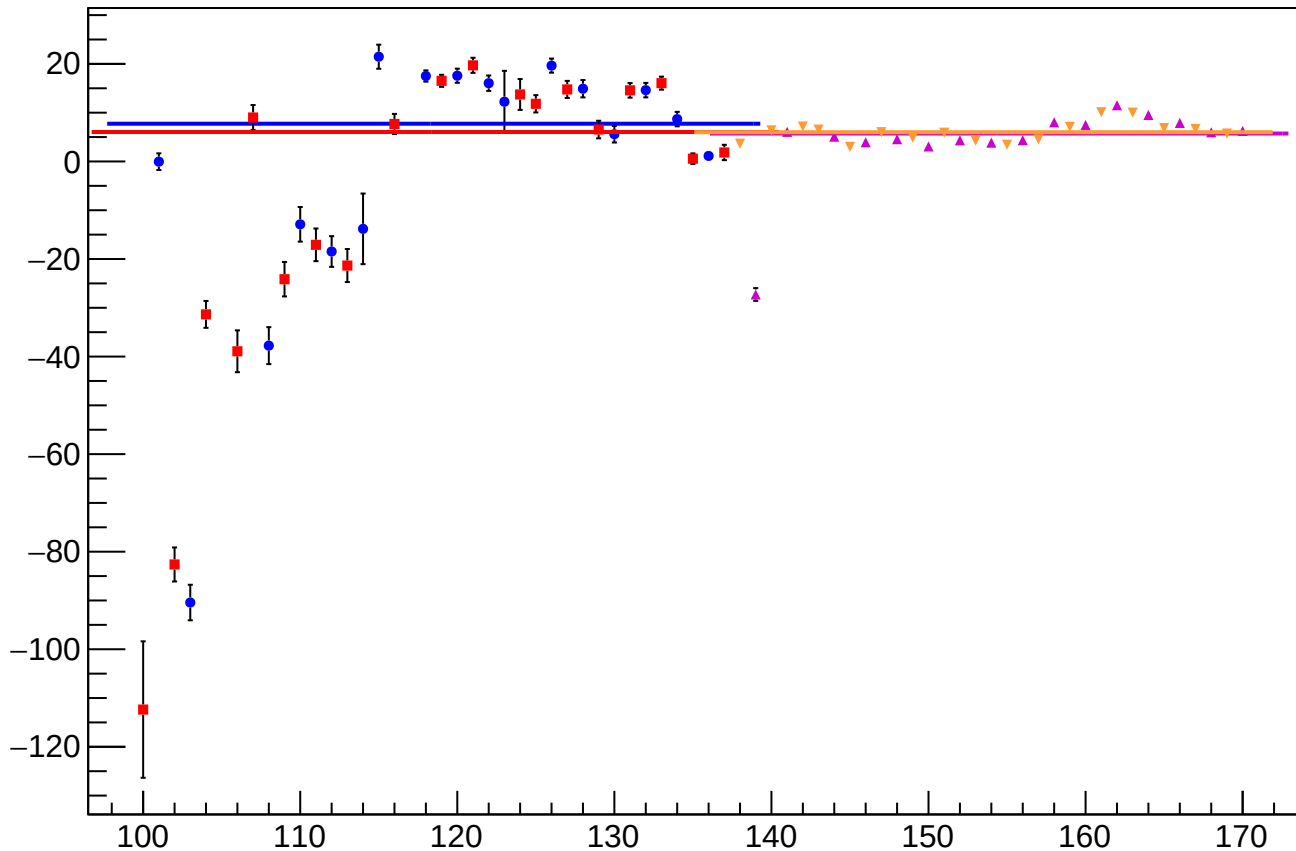
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.141+/-0.141 χ^2/NDF : 904.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.388+/-0.136 χ^2/NDF : 895.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -8.750+/-0.098 χ^2/NDF : 1814.4/32
 - 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: 5.998 ± 0.104 χ^2/NDF : 343.1/16

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

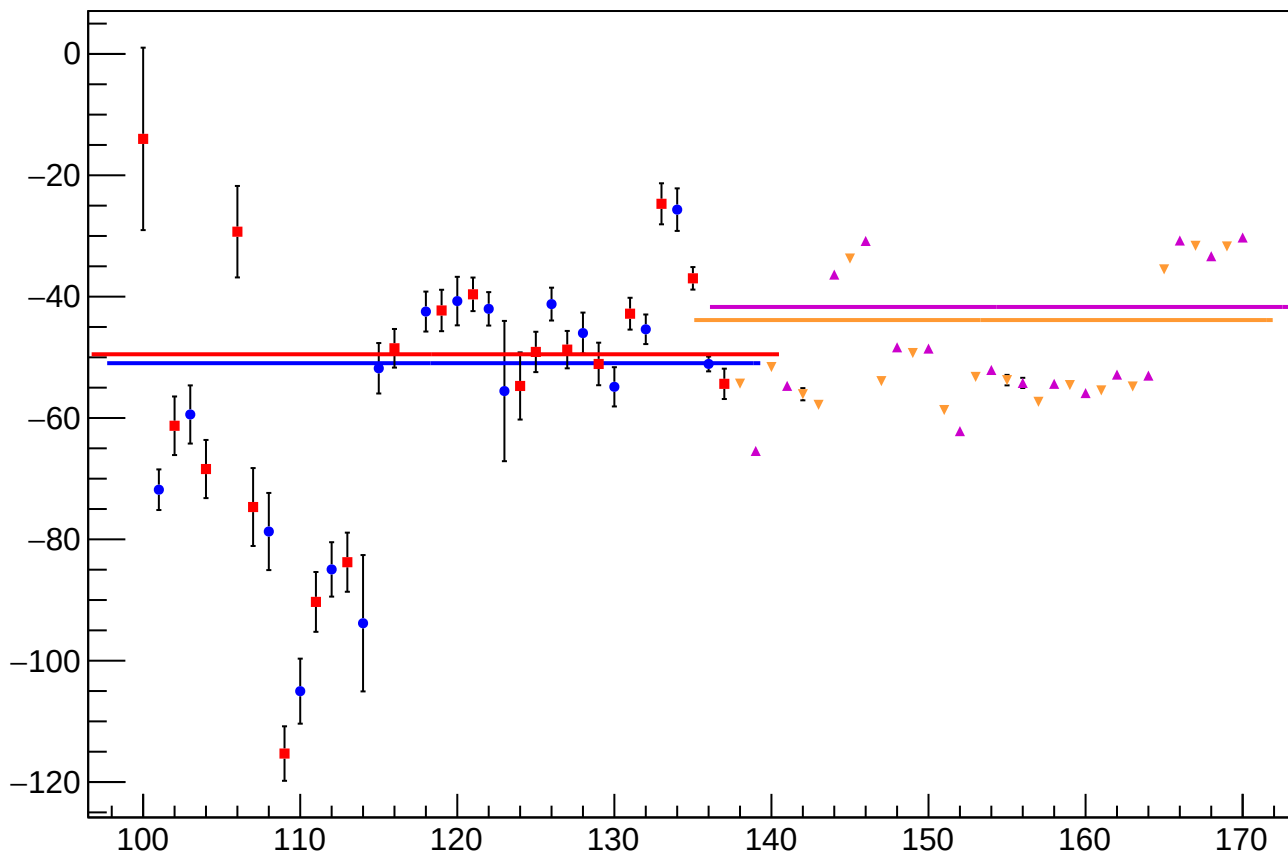
Left In: 5.725 ± 0.100 χ^2/NDF : 1047.5/15

+ sign 6.106 ± 0.101 χ^2/NDF : 1719.0/33

All: 5.917 ± 0.070 χ^2/NDF : 4286.0/68

- sign 5.741 ± 0.097 χ^2/NDF : 2560.2/34

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -43.859 ± 0.141 χ^2/NDF : 5984.1/16

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

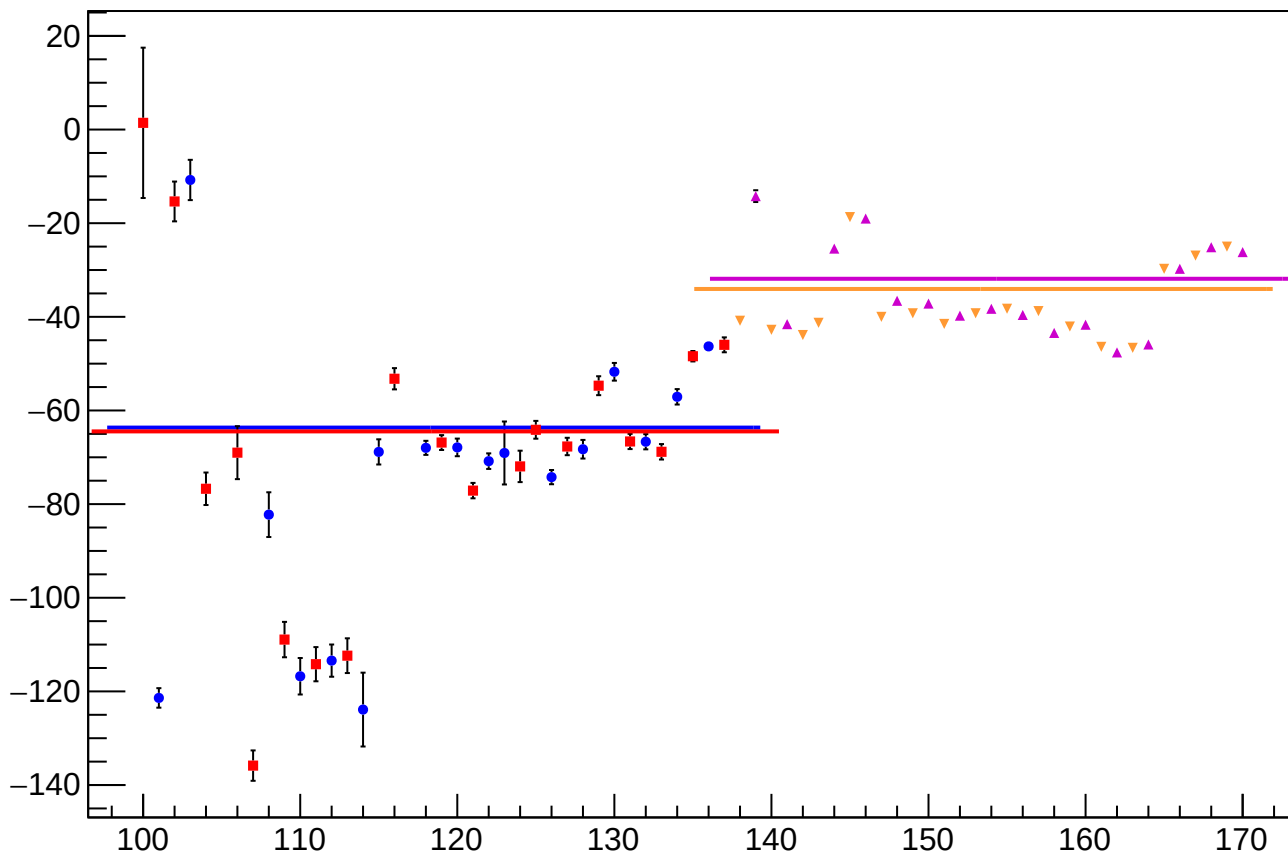
Left In: -41.699 ± 0.135 χ^2/NDF : 7435.5/15

+ sign -44.110 ± 0.139 χ^2/NDF : 6406.3/33

All: -42.964 ± 0.096 χ^2/NDF : 14576.2/68

- sign -41.914 ± 0.133 χ^2/NDF : 8038.9/34

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -34.048 ± 0.119 χ^2/NDF : 6128.7/16

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

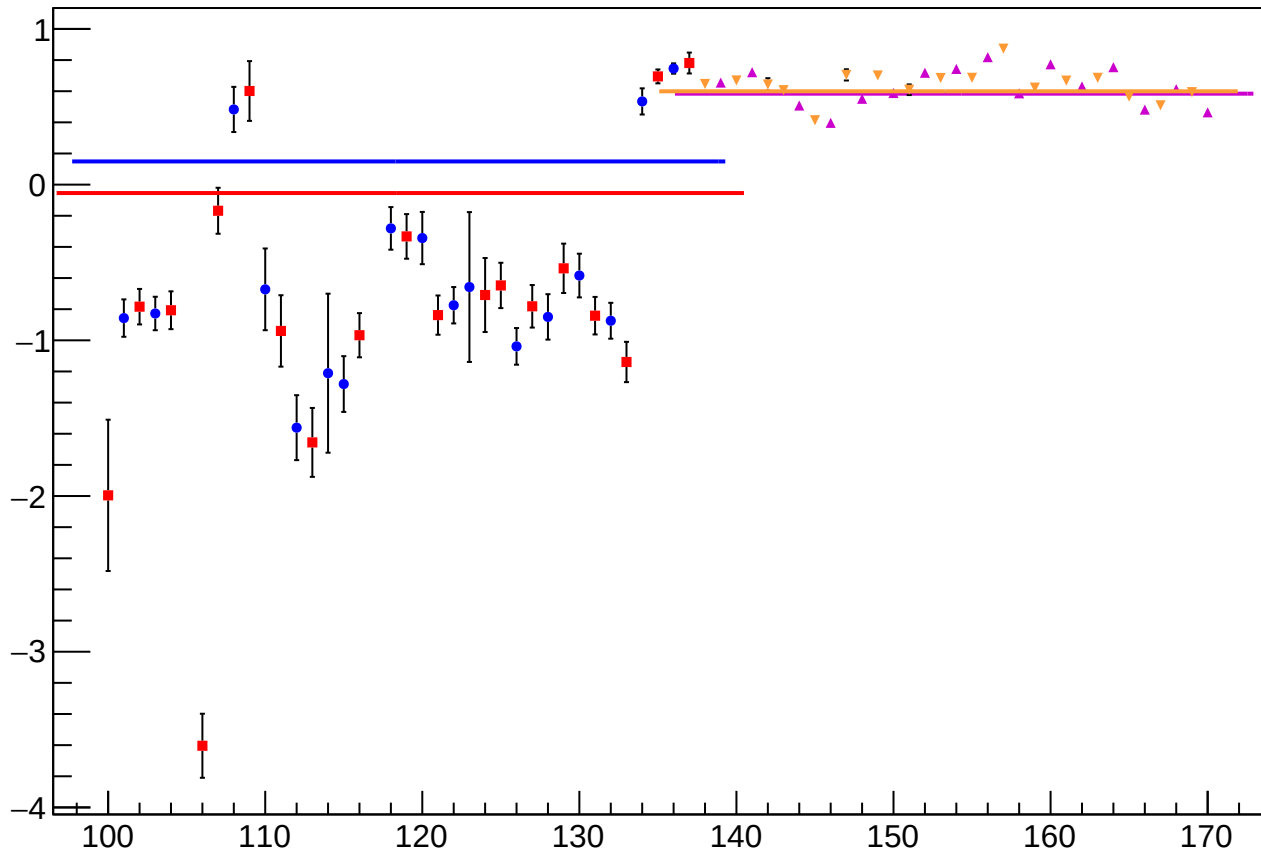
Left In: -31.871 ± 0.115 χ^2/NDF : 6371.7/15

+ sign -36.018 ± 0.115 χ^2/NDF : 12269.1/33

All: -34.792 ± 0.080 χ^2/NDF : 24788.6/68

- sign -33.627 ± 0.112 χ^2/NDF : 12297.3/34

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.599 ± 0.006 χ^2/NDF : 379.6/16

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

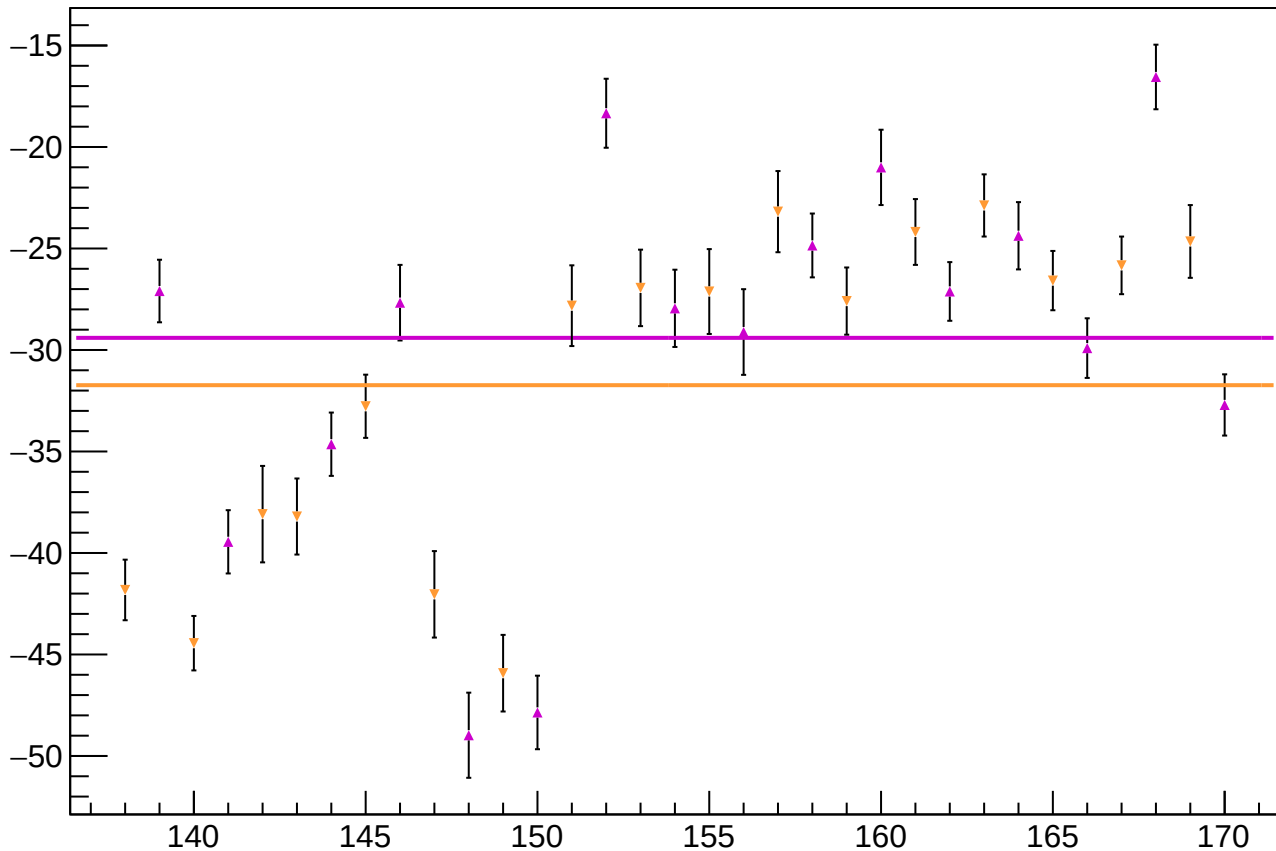
Left In: 0.584 ± 0.005 χ^2/NDF : 503.3/15

+ sign 0.577 ± 0.005 χ^2/NDF : 1704.7/33

All: 0.567 ± 0.004 χ^2/NDF : 3951.2/68

- sign 0.559 ± 0.005 χ^2/NDF : 2240.8/34

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.734 $\pm$ 0.414 χ^2/NDF : 375.1/16

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

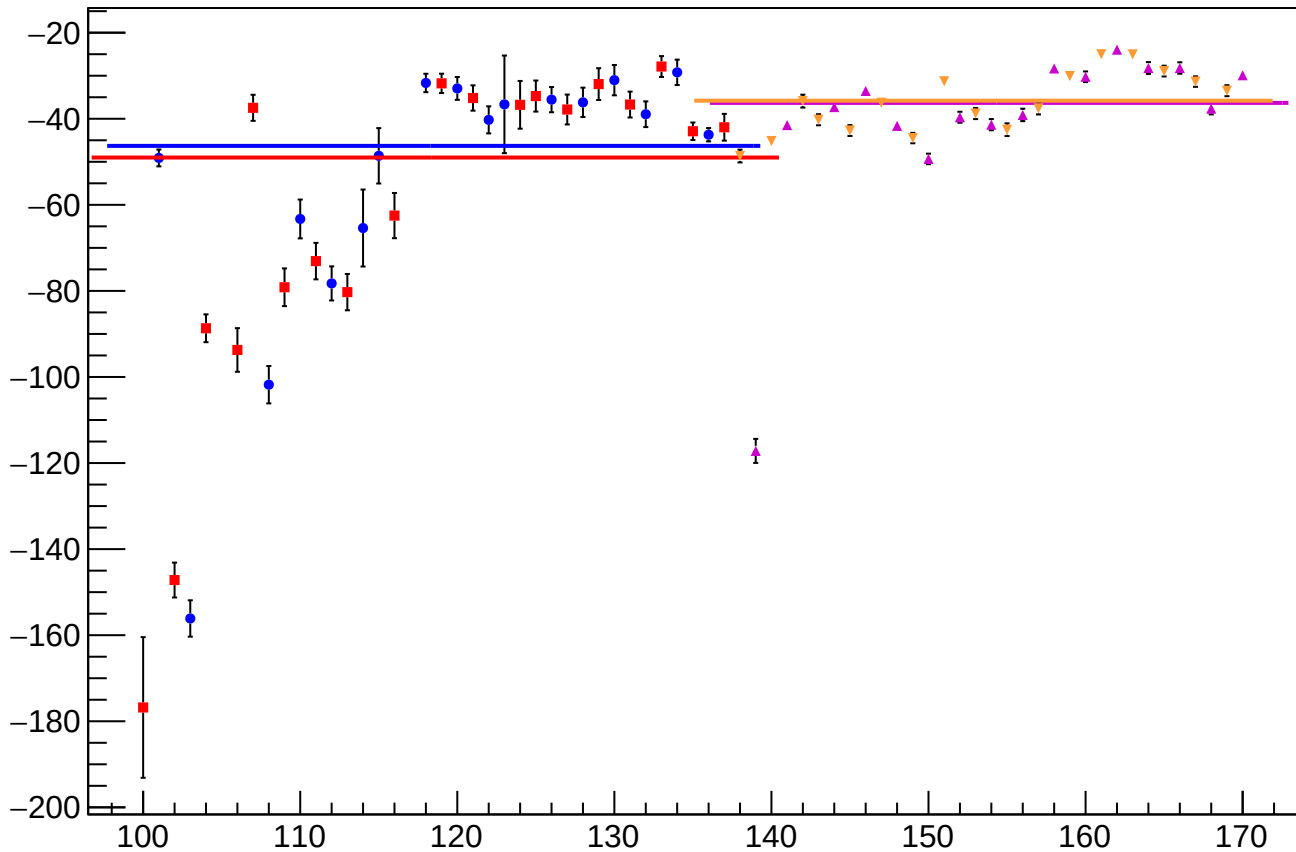
Left In: -29.402 $\pm$ 0.417 χ^2/NDF : 400.5/15

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

All: -30.578 $\pm$ 0.294 χ^2/NDF : 791.4/32

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -35.798 ± 0.300 χ^2/NDF : 532.0/16

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

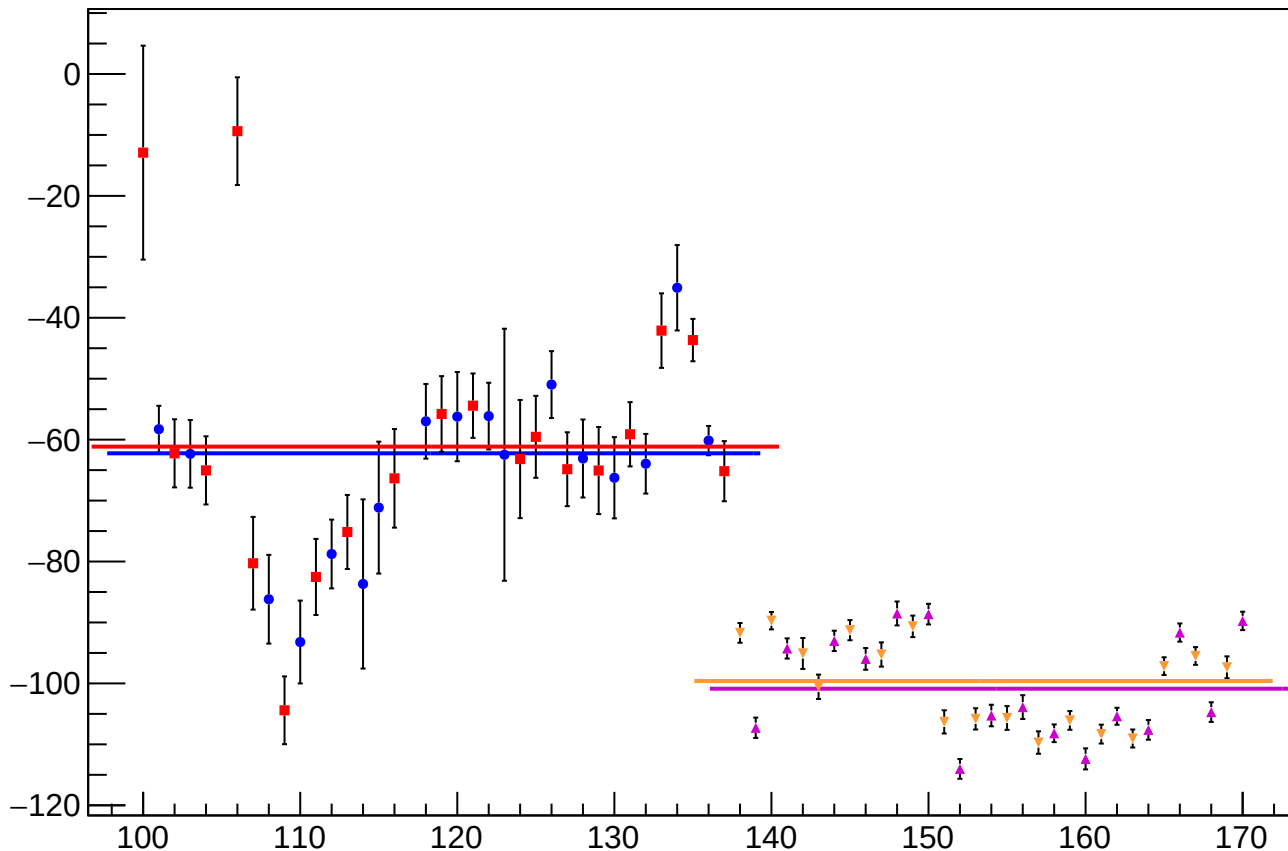
Left In: -36.314 ± 0.308 χ^2/NDF : 1332.3/15

+ sign -37.342 ± 0.277 χ^2/NDF : 1796.2/33

All: -37.706 ± 0.199 χ^2/NDF : 4641.2/68

- sign -38.093 ± 0.286 χ^2/NDF : 2841.5/34

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 $\pm$ 1.310 χ^2 /NDF: 67.4/16

Left Out: -99.605 $\pm$ 0.410 χ^2 /NDF: 298.6/16

Right Out: -61.142 $\pm$ 1.379 χ^2 /NDF: 165.6/18

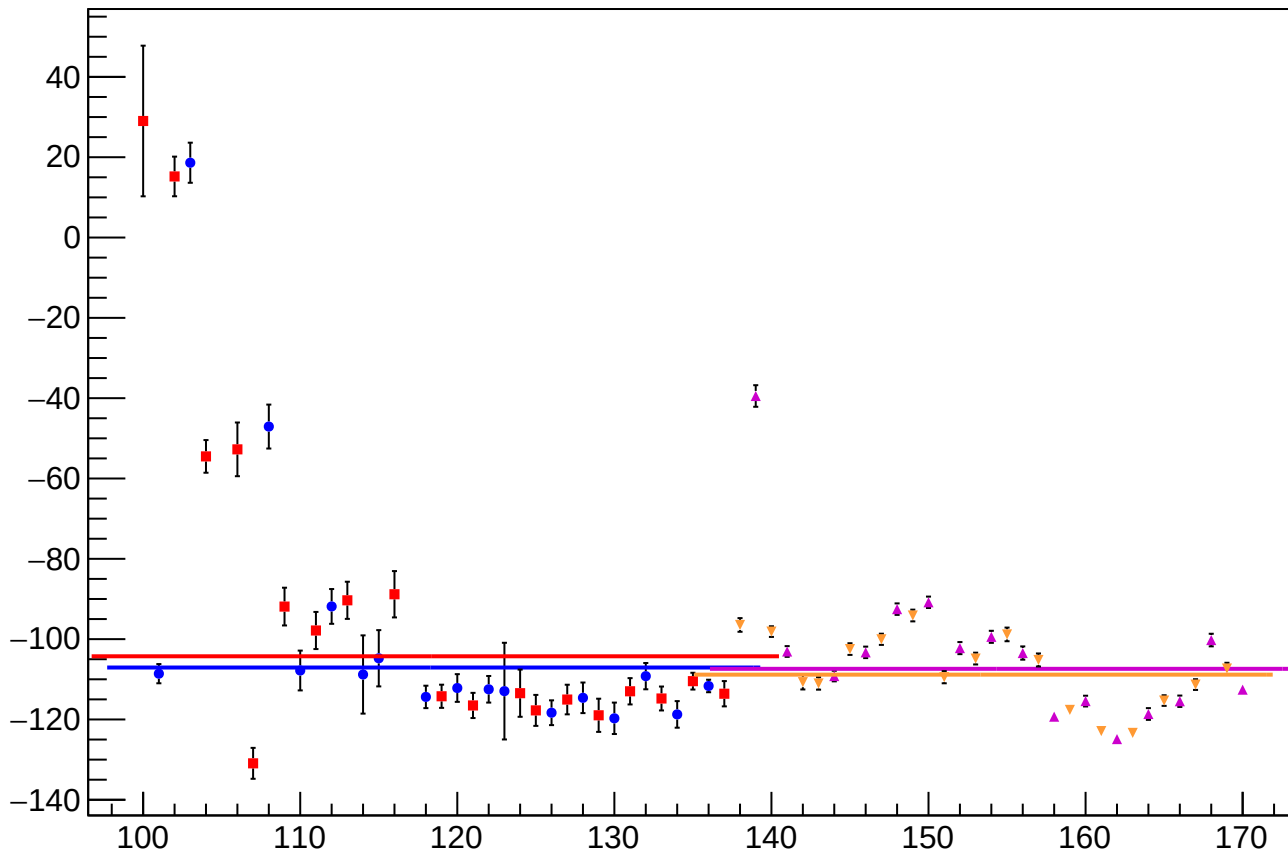
Left In: -100.867 $\pm$ 0.410 χ^2 /NDF: 421.9/15

+ sign -96.266 $\pm$ 0.392 χ^2 /NDF: 1106.6/33

All: -96.951 $\pm$ 0.277 χ^2 /NDF: 2462.1/68

- sign -97.641 $\pm$ 0.393 χ^2 /NDF: 1349.4/34

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -108.841 ± 0.345 χ^2/NDF : 686.0/16

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

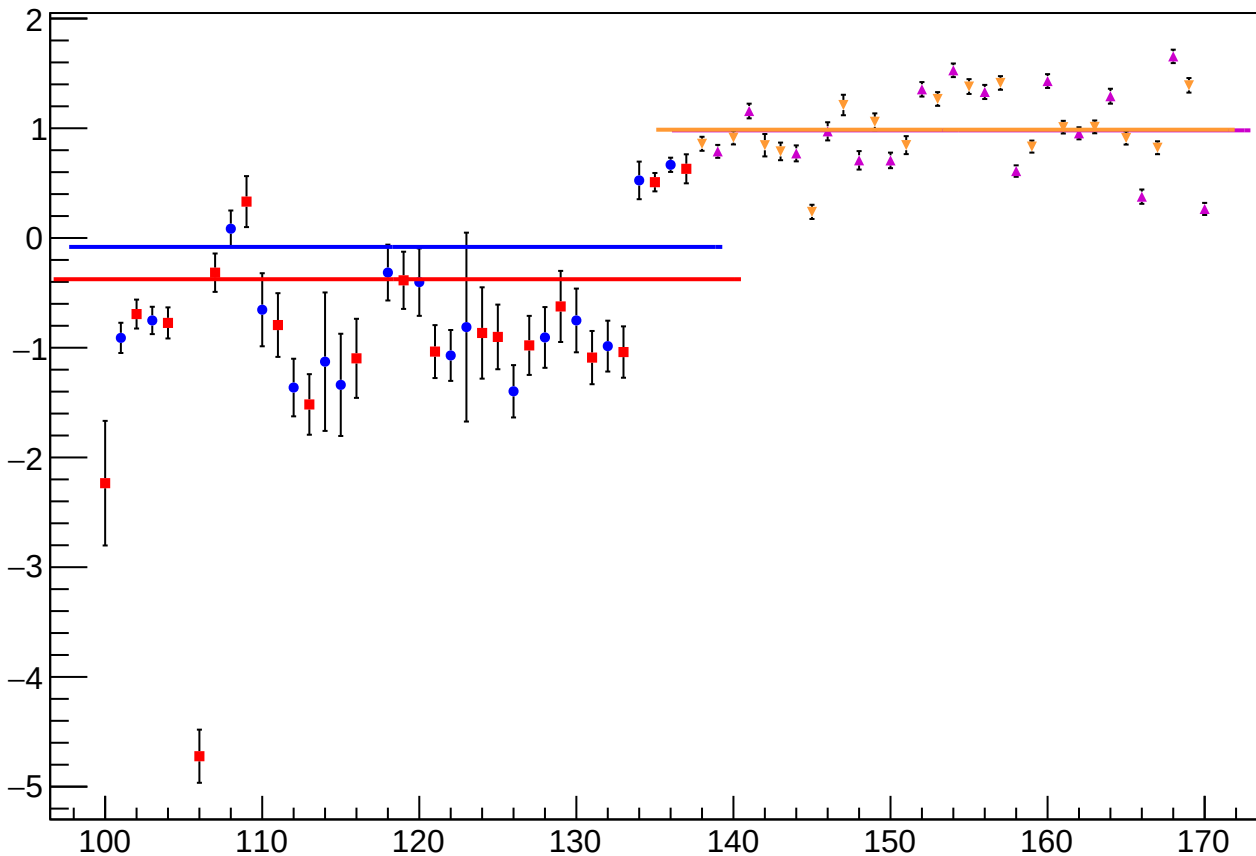
Left In: -107.391 ± 0.352 χ^2/NDF : 1435.3/15

+ sign -108.569 ± 0.318 χ^2/NDF : 1518.4/33

All: -107.777 ± 0.228 χ^2/NDF : 3996.4/68

- sign -106.944 ± 0.326 χ^2/NDF : 2465.3/34

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.987 ± 0.016 χ^2/NDF : 312.1/16

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

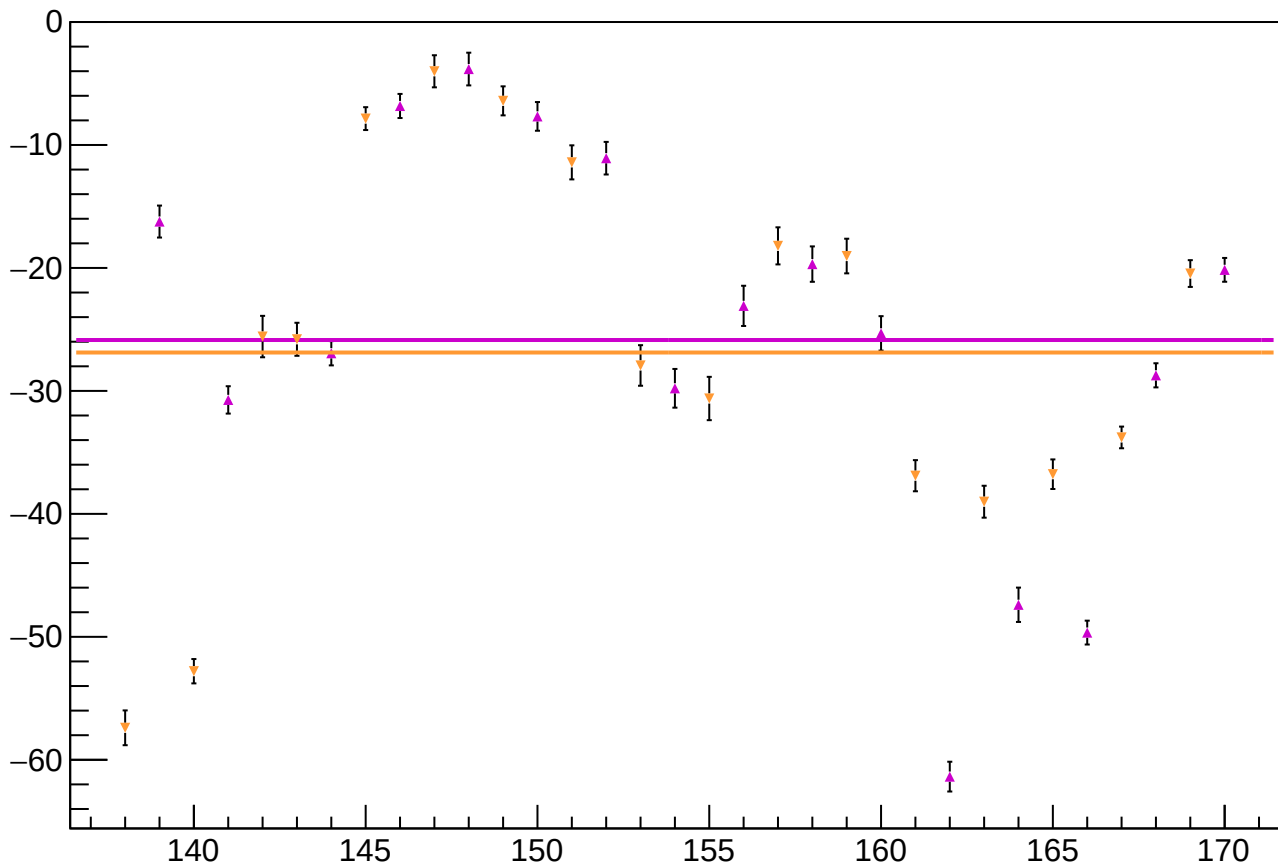
Left In: 0.981 ± 0.016 χ^2/NDF : 689.0/15

+ sign 0.851 ± 0.015 χ^2/NDF : 1201.5/33

All: 0.837 ± 0.011 χ^2/NDF : 3319.0/68

- sign 0.822 ± 0.015 χ^2/NDF : 2115.6/34

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -26.877+/-0.300 χ^2/NDF : 2686.1/16

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

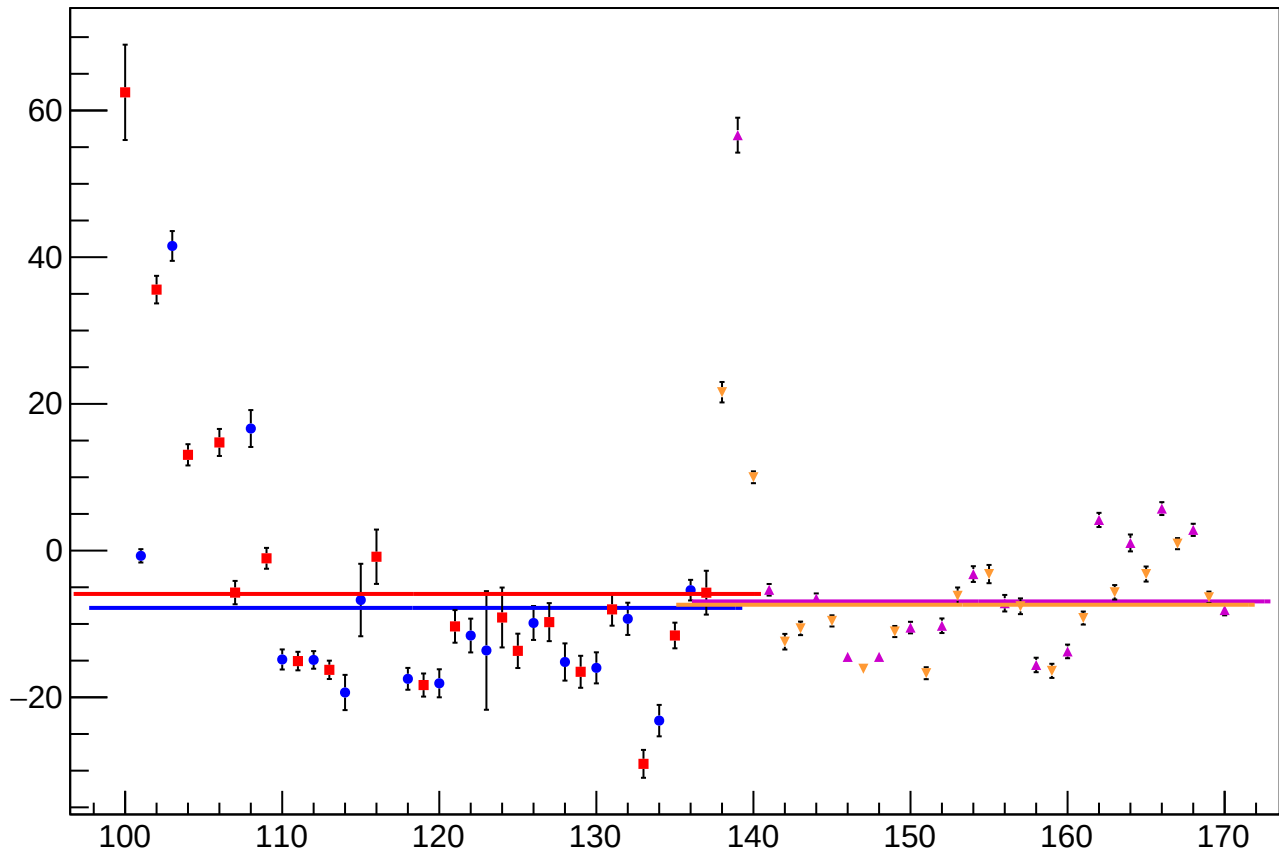
Left In: -25.860+/-0.295 χ^2/NDF : 2864.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.360+/-0.211 χ^2/NDF : 5556.0/32

- 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: -7.380 ± 0.215 χ^2/NDF : 1533.2/16

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

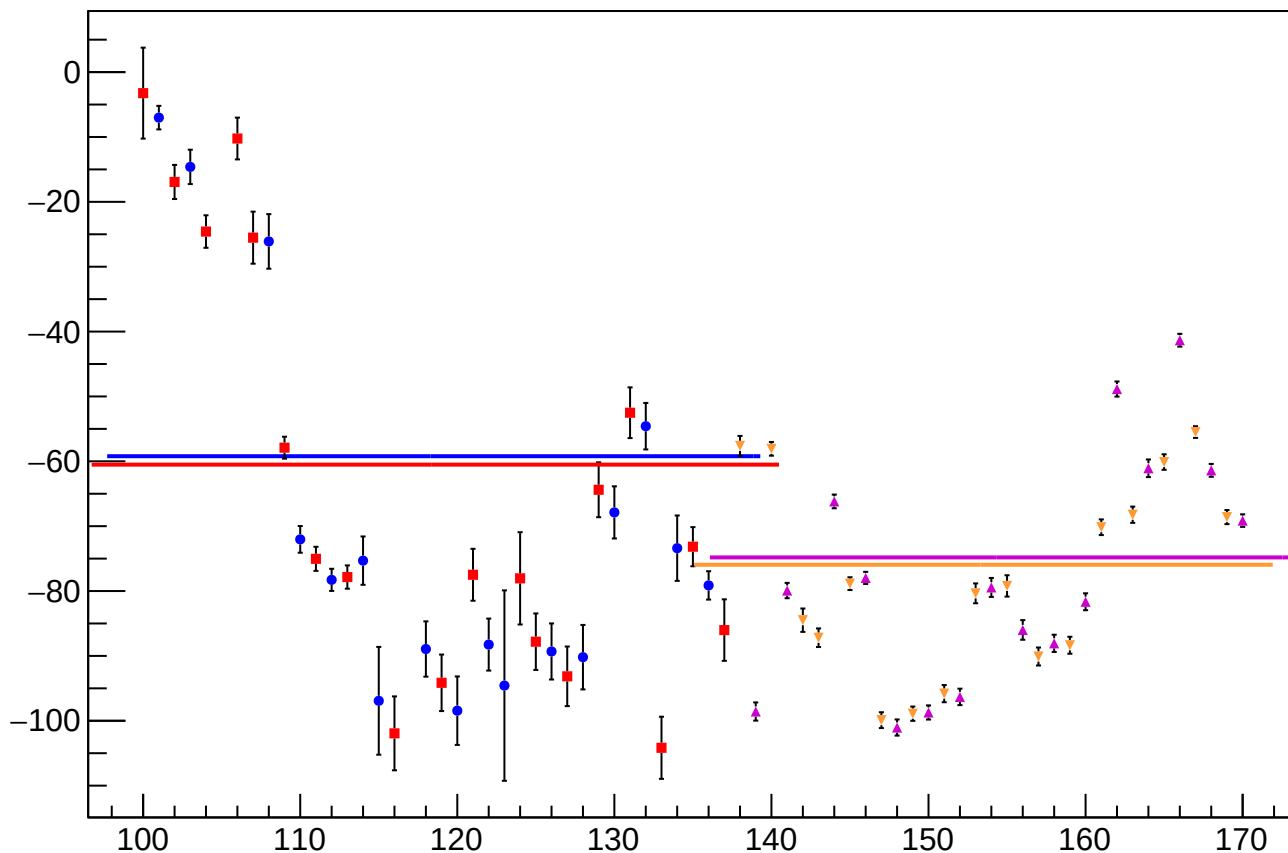
Left In: -6.926 ± 0.214 χ^2/NDF : 1706.8/15

+ sign -7.467 ± 0.192 χ^2/NDF : 2516.7/33

All: -7.095 ± 0.136 χ^2/NDF : 5528.6/68

- sign -6.723 ± 0.192 χ^2/NDF : 3004.3/34

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 $\pm$ 0.744 χ^2 /NDF: 1720.4/16

Left Out: -75.947 $\pm$ 0.299 χ^2 /NDF: 2569.6/16

Right Out: -60.513 $\pm$ 0.704 χ^2 /NDF: 1383.9/18

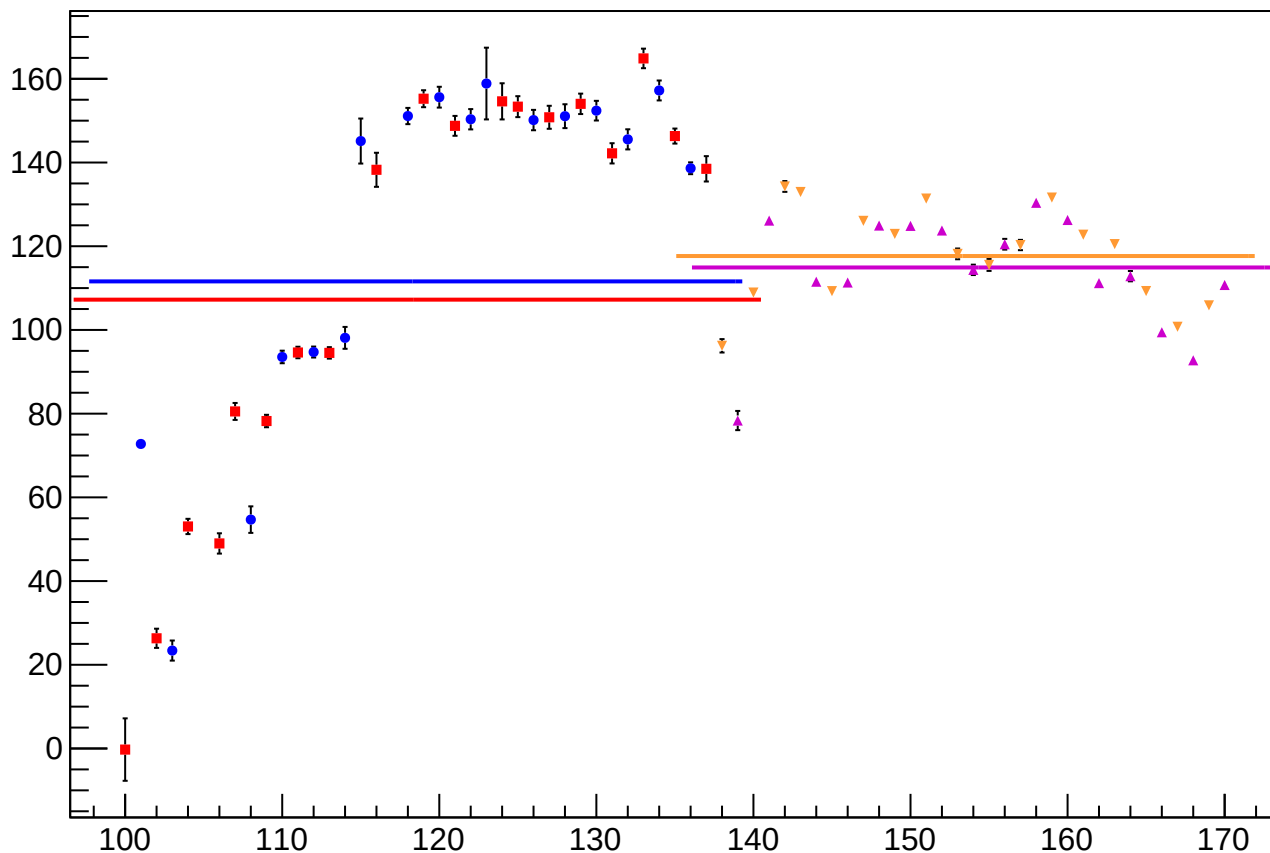
Left In: -74.818 $\pm$ 0.291 χ^2 /NDF: 3745.1/15

+ sign -73.624 $\pm$ 0.277 χ^2 /NDF: 4725.9/33

All: -73.162 $\pm$ 0.193 χ^2 /NDF: 10212.7/68

- sign -72.727 $\pm$ 0.269 χ^2 /NDF: 5481.4/34

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 117.659 $\pm$ 0.250 χ^2 /NDF:1898.7/16

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

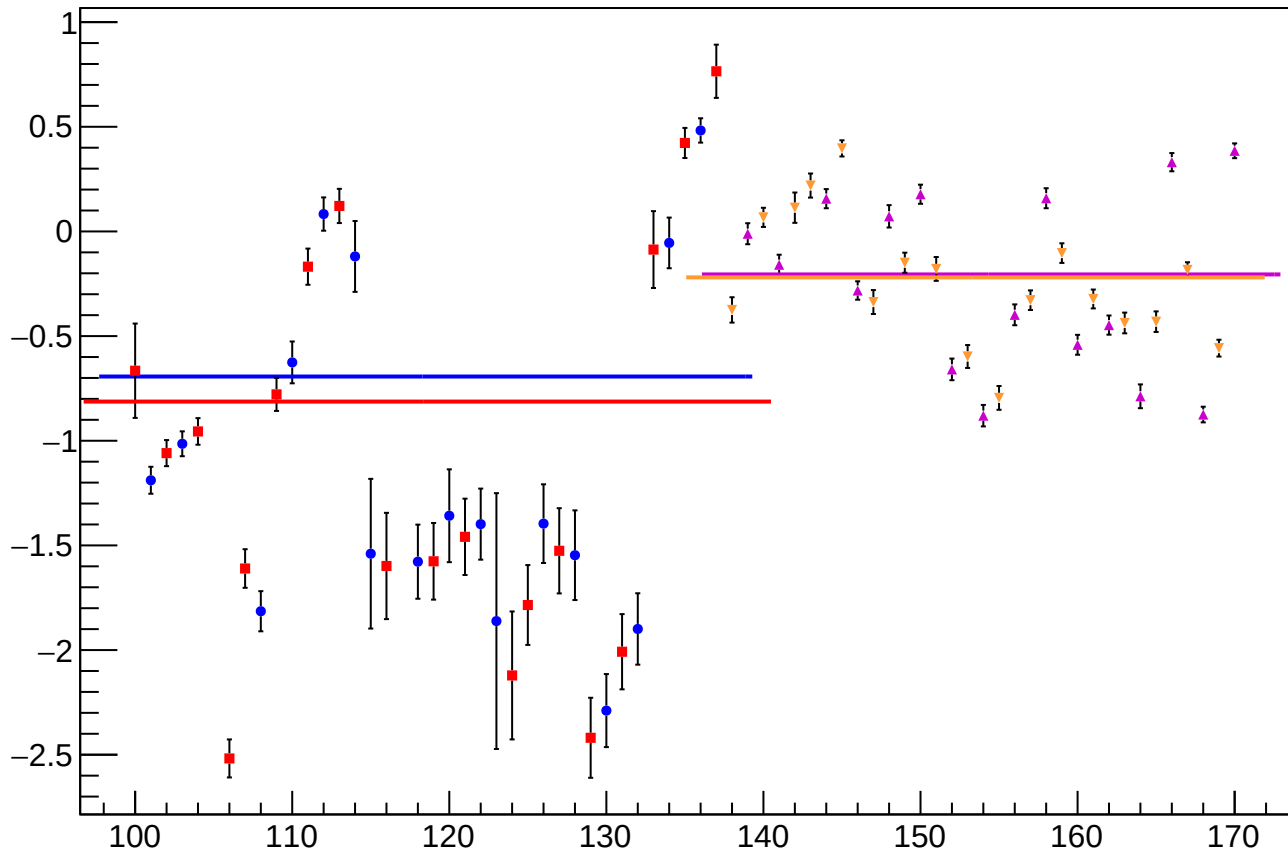
Left In: 114.926 $\pm$ 0.248 χ^2 /NDF:1937.1/15

+ sign 116.393 $\pm$ 0.222 χ^2 /NDF: 7980.9/33

All: 114.861 $\pm$ 0.157 χ^2 /NDF: 17247.3/68

- sign 113.342 $\pm$ 0.221 χ^2 /NDF: 9171.8/34

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.220 ± 0.012 χ^2/NDF : 663.6/16

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

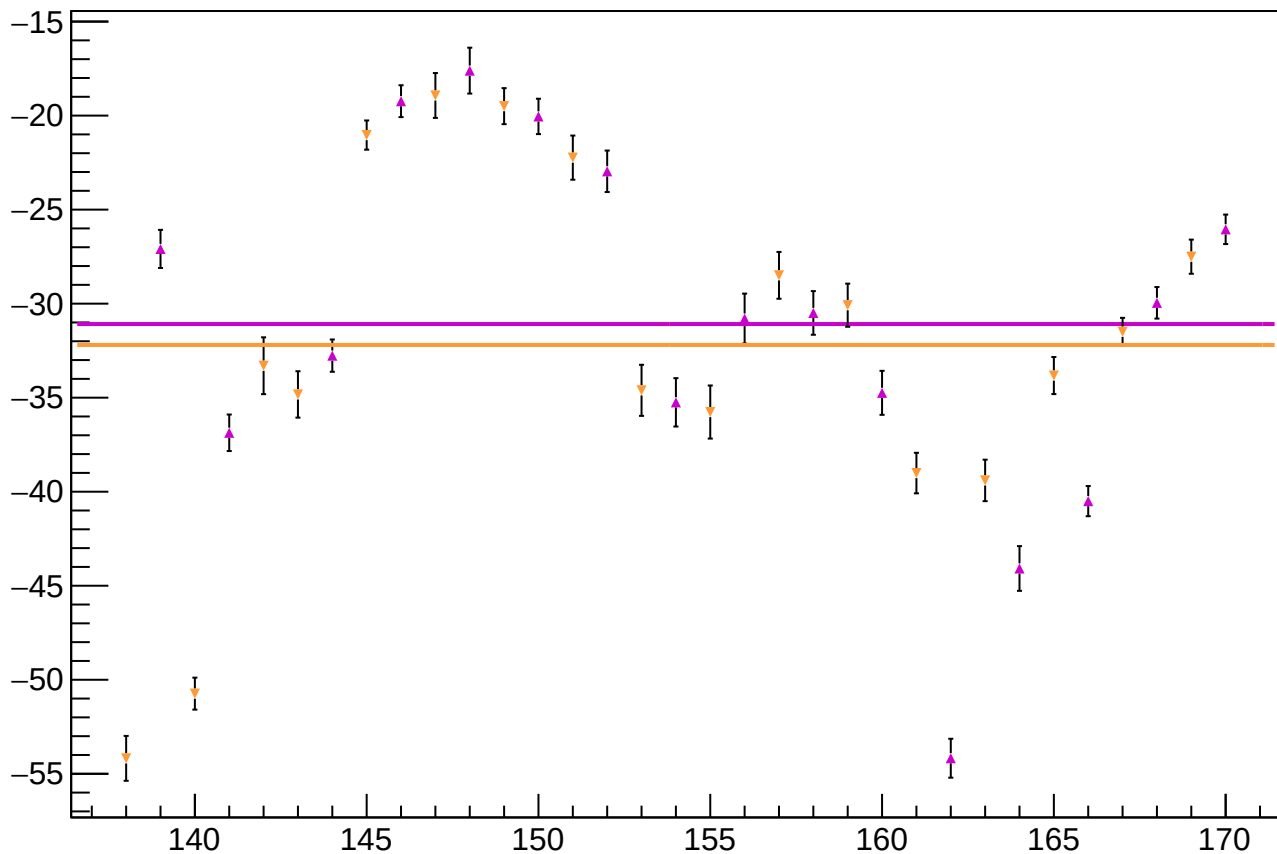
Left In: -0.205 ± 0.012 χ^2/NDF : 1436.0/15

+ sign -0.301 ± 0.011 χ^2/NDF : 1935.8/33

All: -0.309 ± 0.007 χ^2/NDF : 5192.4/68

- sign -0.317 ± 0.010 χ^2/NDF : 3255.5/34

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.197+/-0.254 χ^2/NDF : 1532.7/16

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

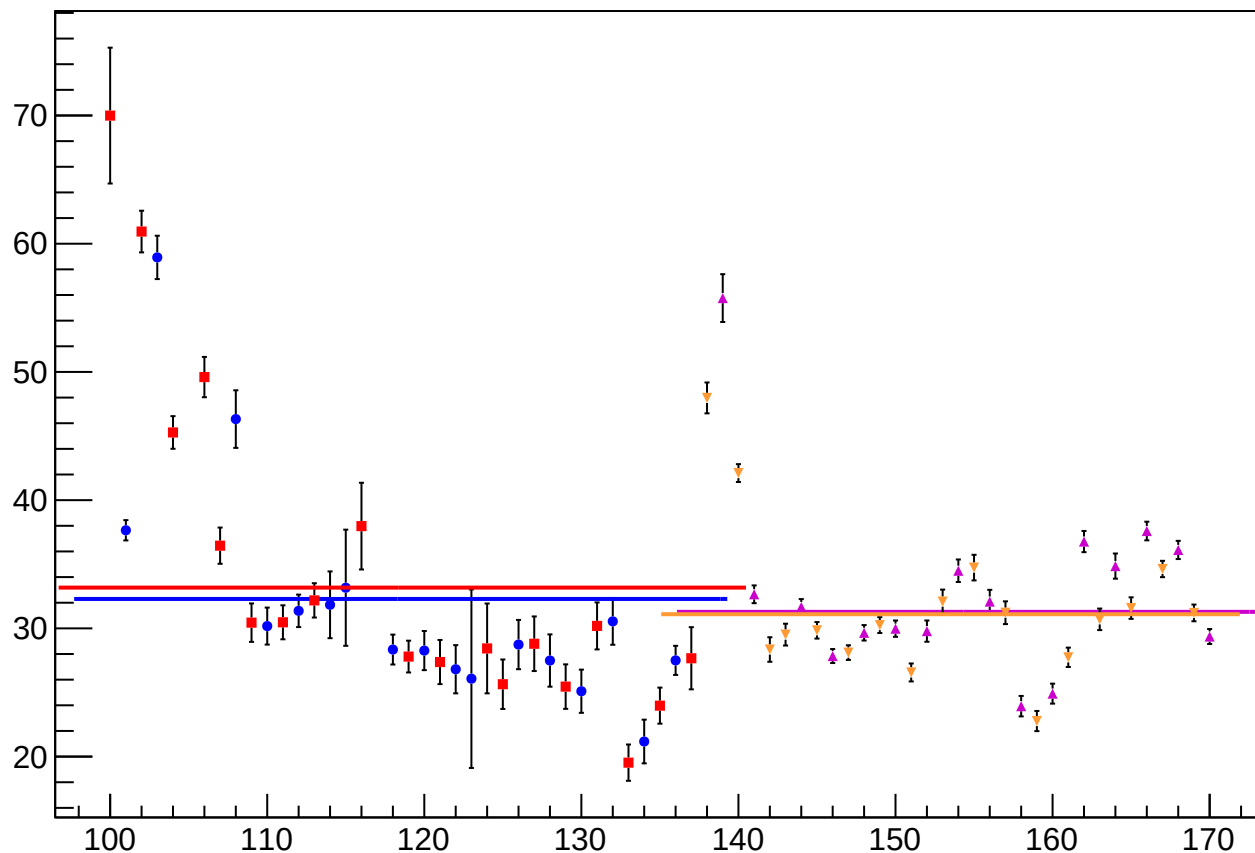
Left In: -31.085+/-0.248 χ^2/NDF : 1383.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.628+/-0.177 χ^2/NDF : 2926.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 $\pm$ 0.373 χ^2 /NDF: 452.2/16

Left Out: 31.104 $\pm$ 0.183 χ^2 /NDF: 709.9/16

Right Out: 33.180 $\pm$ 0.379 χ^2 /NDF: 770.3/18

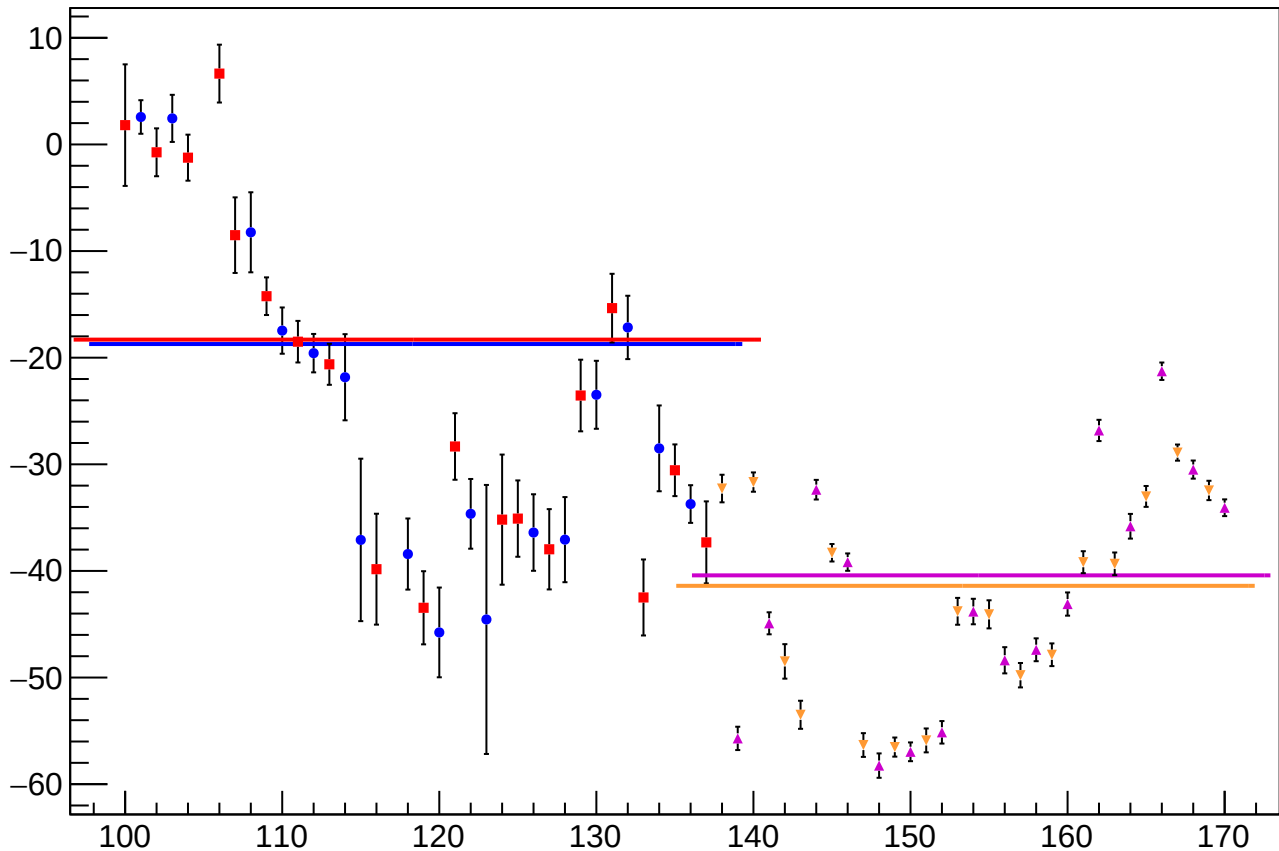
Left In: 31.289 $\pm$ 0.182 χ^2 /NDF: 586.9/15

+ sign 31.336 $\pm$ 0.164 χ^2 /NDF: 1170.3/33

All: 31.490 $\pm$ 0.116 χ^2 /NDF: 2549.4/68

- sign 31.645 $\pm$ 0.164 χ^2 /NDF: 1377.3/34

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -41.397 ± 0.252 χ^2/NDF : 1464.8/16

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

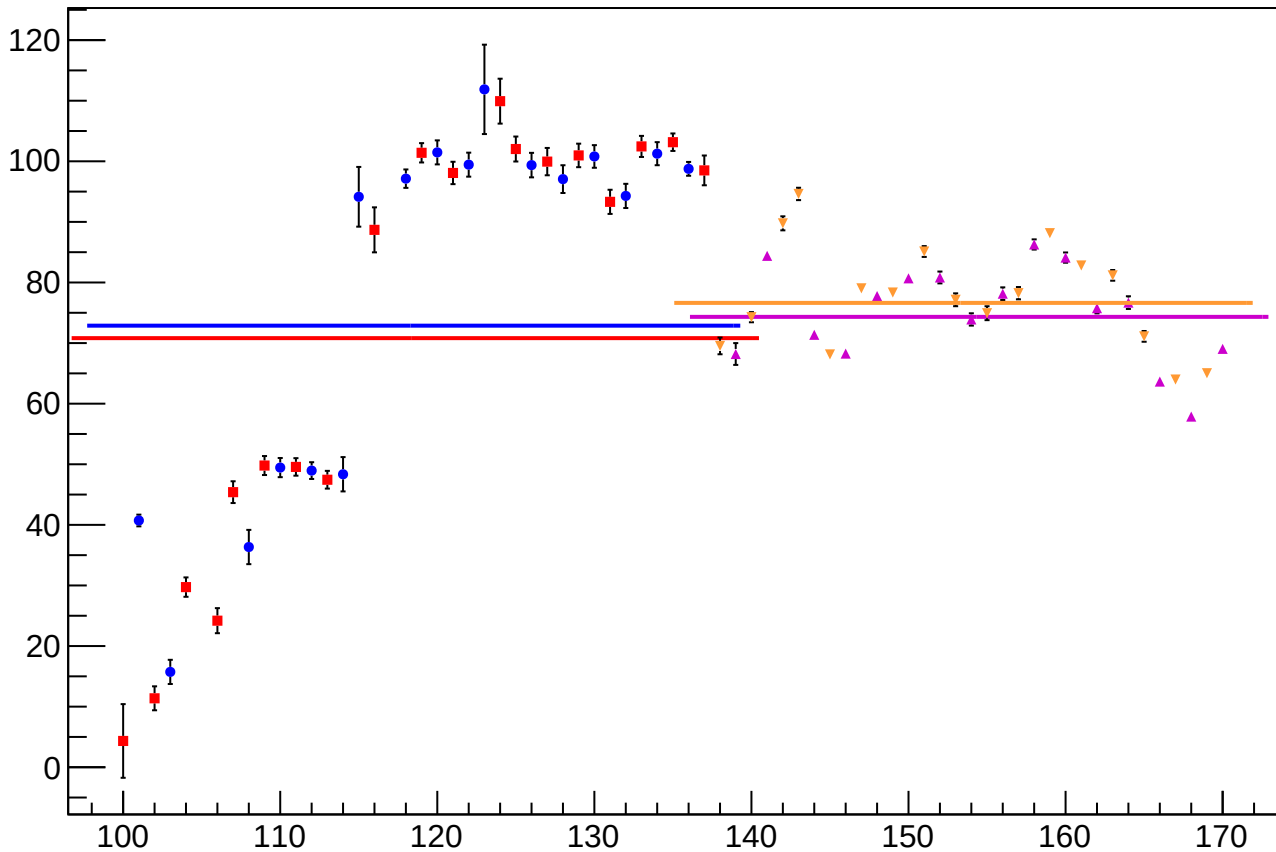
Left In: -40.416 ± 0.244 χ^2/NDF : 2136.1/15

+ sign -38.560 ± 0.235 χ^2/NDF : 3000.6/33

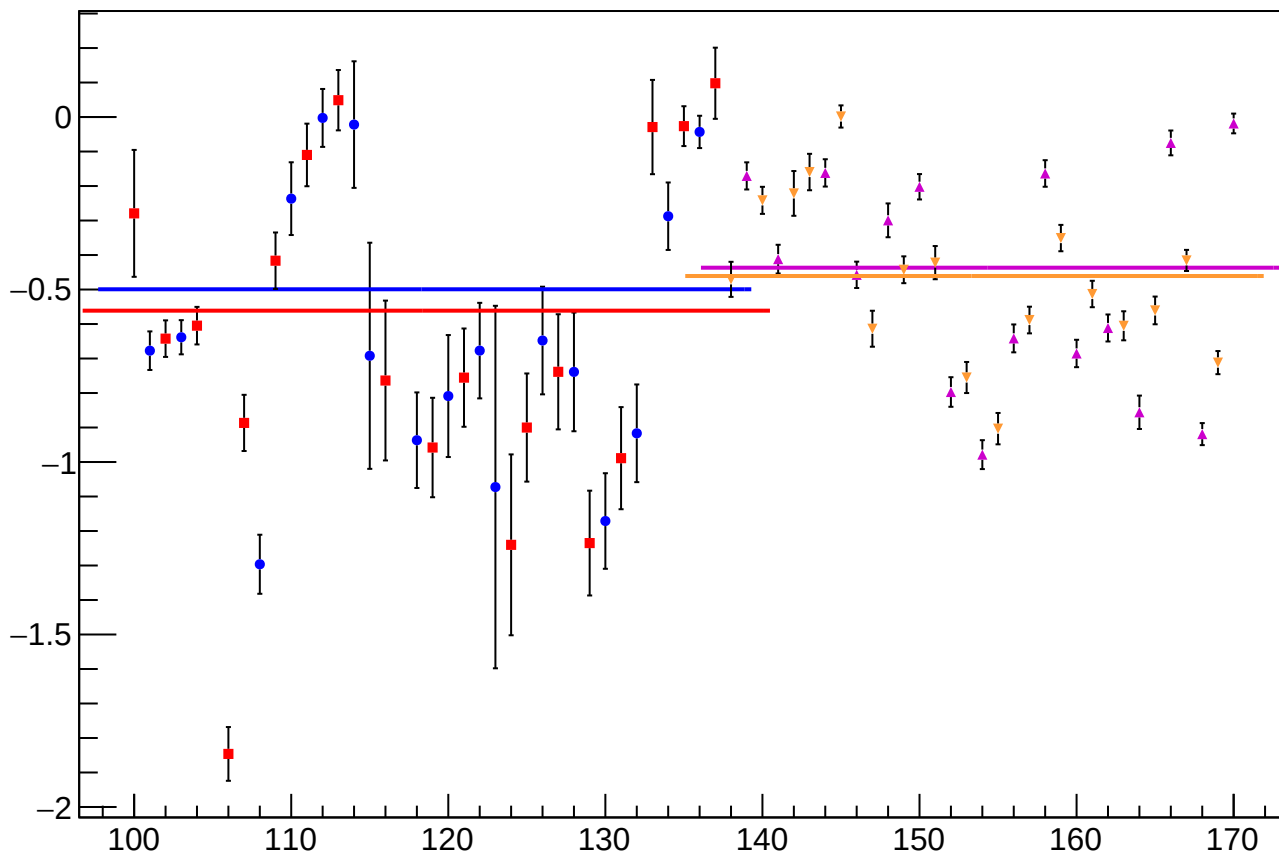
All: -38.081 ± 0.164 χ^2/NDF : 6649.1/68

- sign -37.630 ± 0.228 χ^2/NDF : 3640.5/34

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.461 ± 0.010 χ^2/NDF : 528.2/16

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

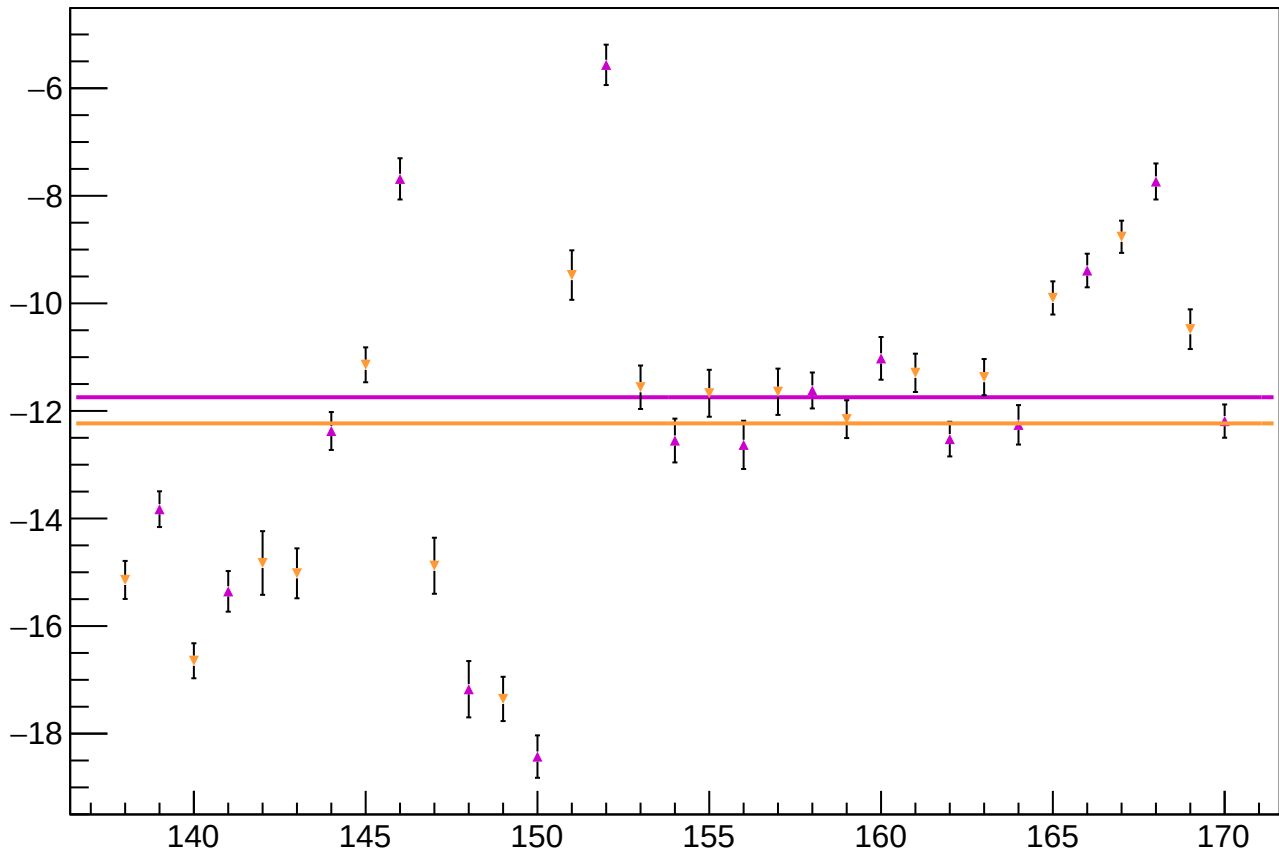
Left In: -0.437 ± 0.010 χ^2/NDF : 1133.9/15

+ sign -0.467 ± 0.009 χ^2/NDF : 834.1/33

All: -0.462 ± 0.006 χ^2/NDF : 2559.1/68

- sign -0.458 ± 0.009 χ^2/NDF : 1724.4/34

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: -12.232+/-0.092 χ^2/NDF : 768.5/16

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

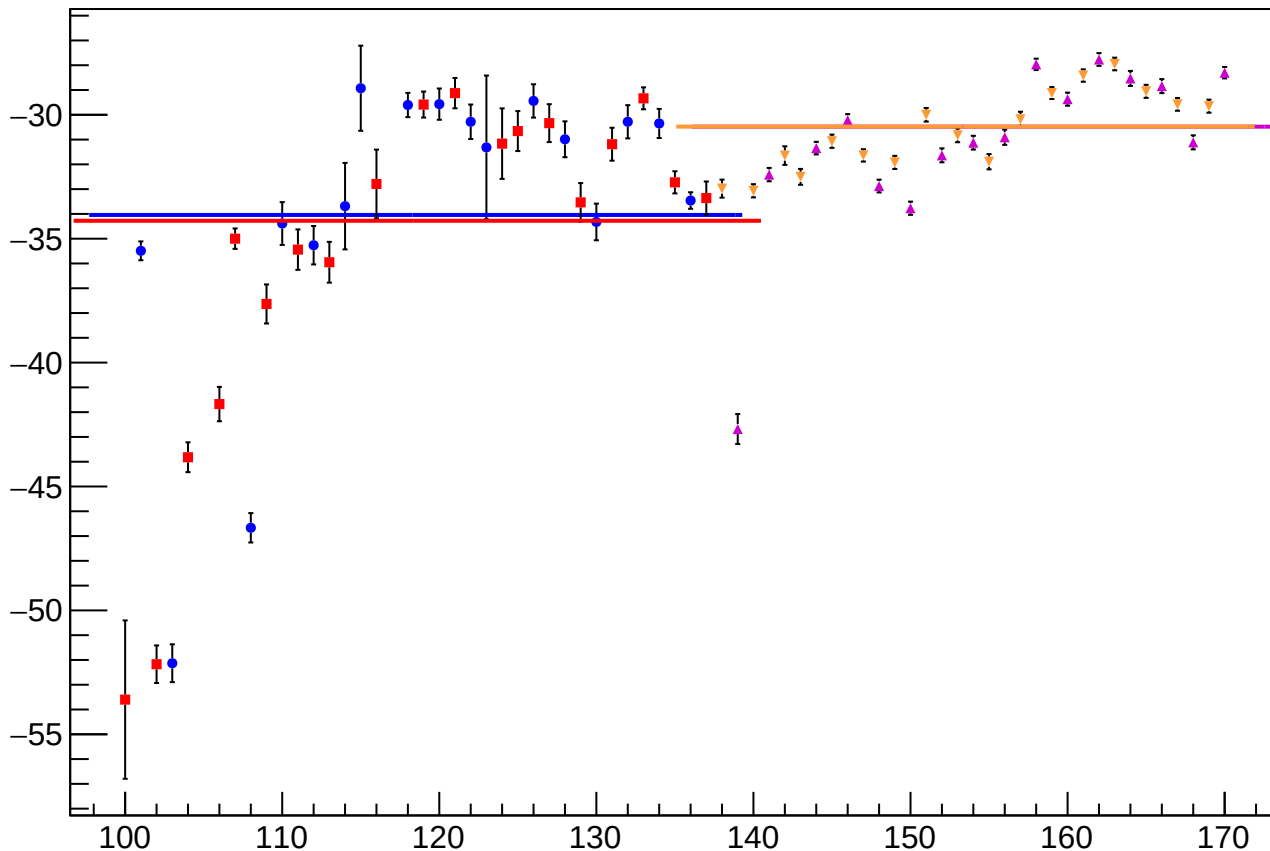
Left In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.987+/-0.065 χ^2/NDF : 1915.1/32

- 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 $\chi^2/\text{NDF}: 1340.8/16$

Left Out: -30.476 ± 0.067 $\chi^2/\text{NDF}: 521.2/16$

Right Out: -34.277 ± 0.151 $\chi^2/\text{NDF}: 1349.5/18$

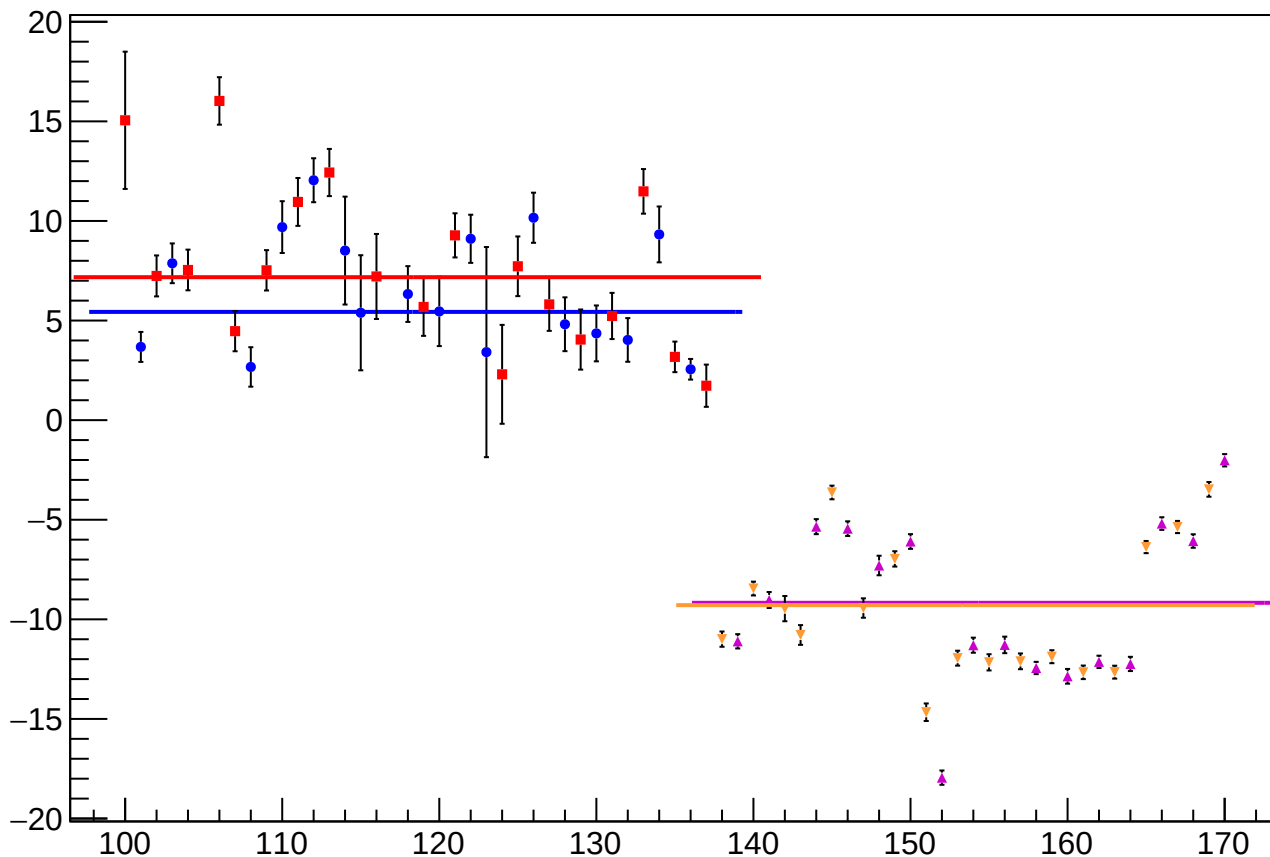
Left In: -30.479 ± 0.068 $\chi^2/\text{NDF}: 1148.0/15$

+ sign -31.067 ± 0.061 $\chi^2/\text{NDF}: 2329.1/33$

All: -31.093 ± 0.044 $\chi^2/\text{NDF}: 5354.0/68$

- sign -31.121 ± 0.062 $\chi^2/\text{NDF}: 3024.4/34$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -9.288 ± 0.091 χ^2/NDF : 1414.1/16

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

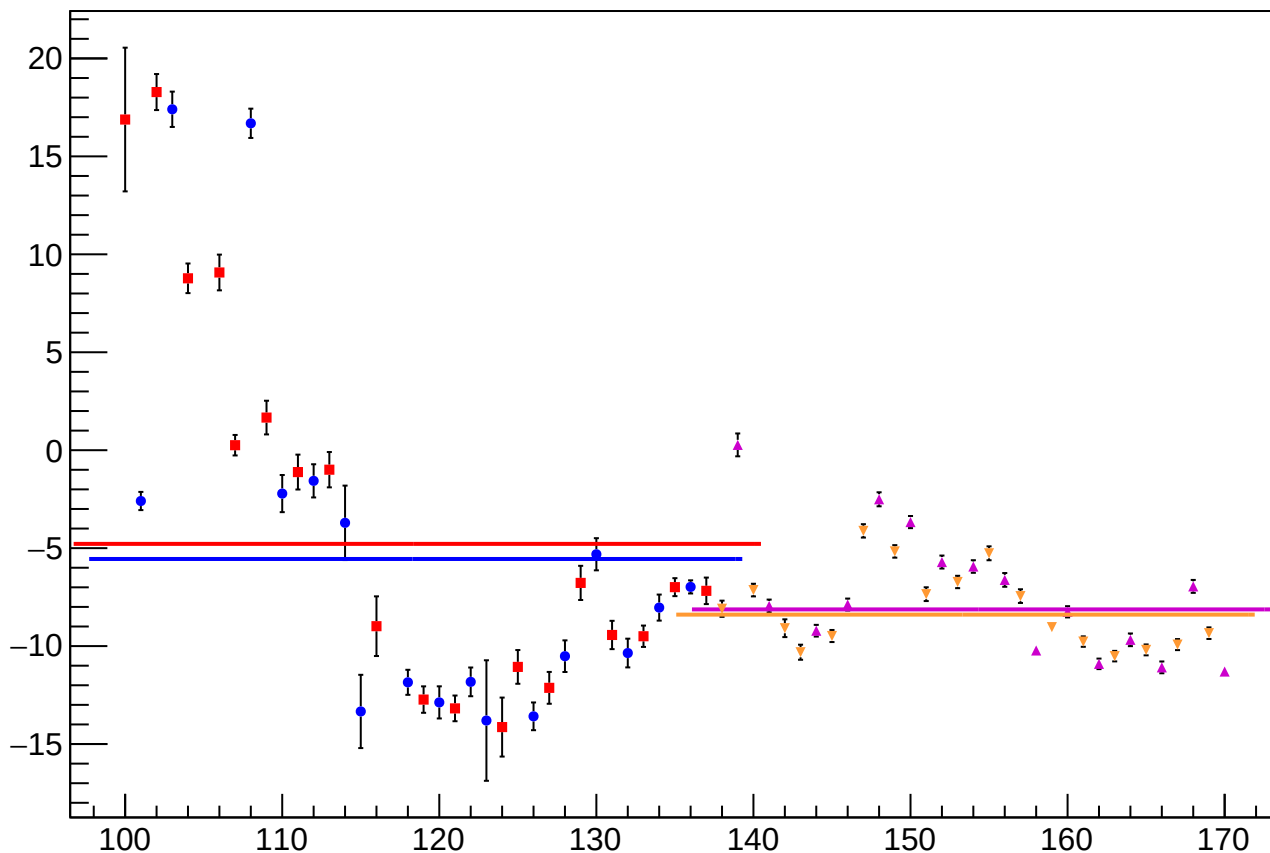
Left In: -9.170 ± 0.089 χ^2/NDF : 2124.6/15

+ sign -7.796 ± 0.086 χ^2/NDF : 4226.8/33

All: -7.698 ± 0.060 χ^2/NDF : 9750.8/68

- sign -7.603 ± 0.085 χ^2/NDF : 5521.5/34

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: -8.394 ± 0.077 χ^2/NDF : 611.6/16

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

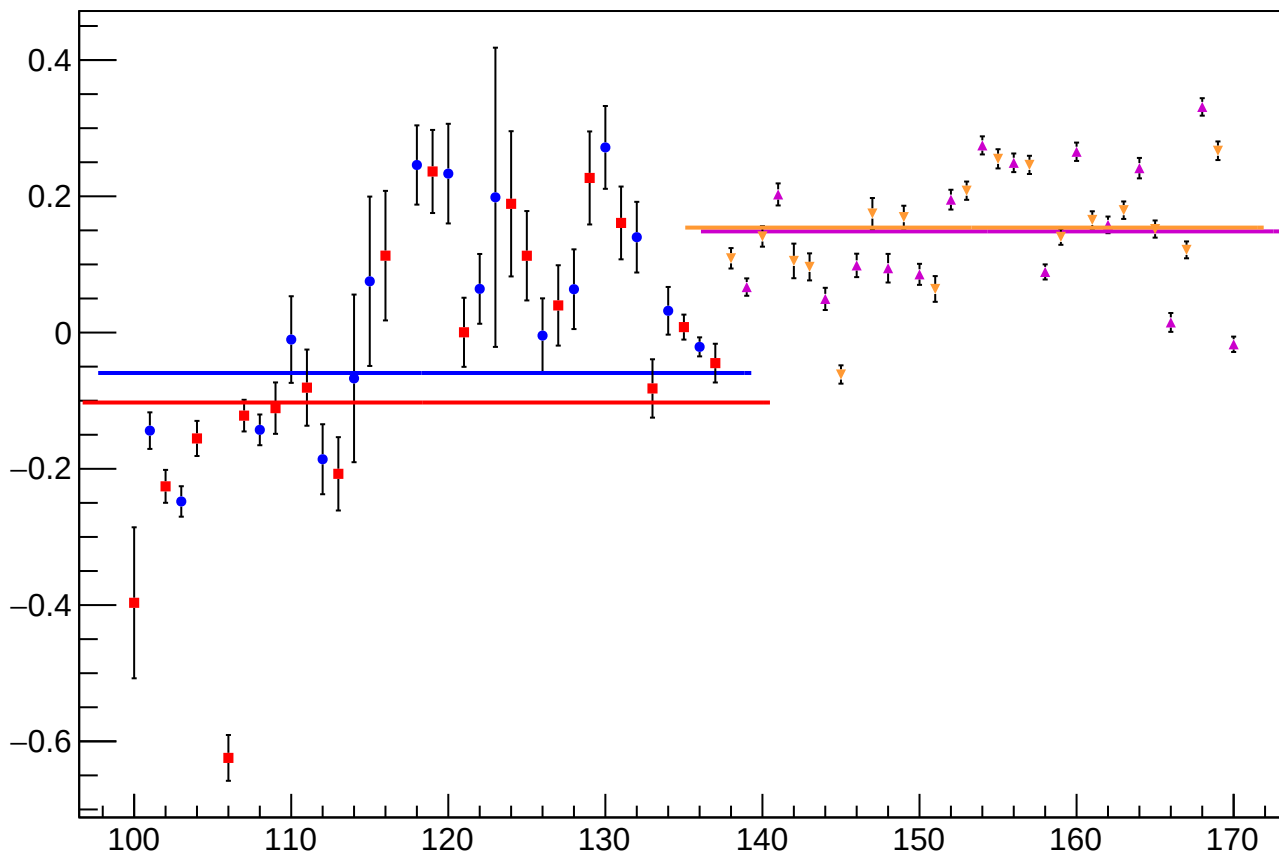
Left In: -8.127 ± 0.077 χ^2/NDF : 1267.2/15

+ sign -7.914 ± 0.070 χ^2/NDF : 2969.2/33

All: -7.744 ± 0.050 χ^2/NDF : 6601.2/68

- sign -7.572 ± 0.070 χ^2/NDF : 3620.1/34

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: 0.154 ± 0.004 χ^2/NDF : 499.9/16

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

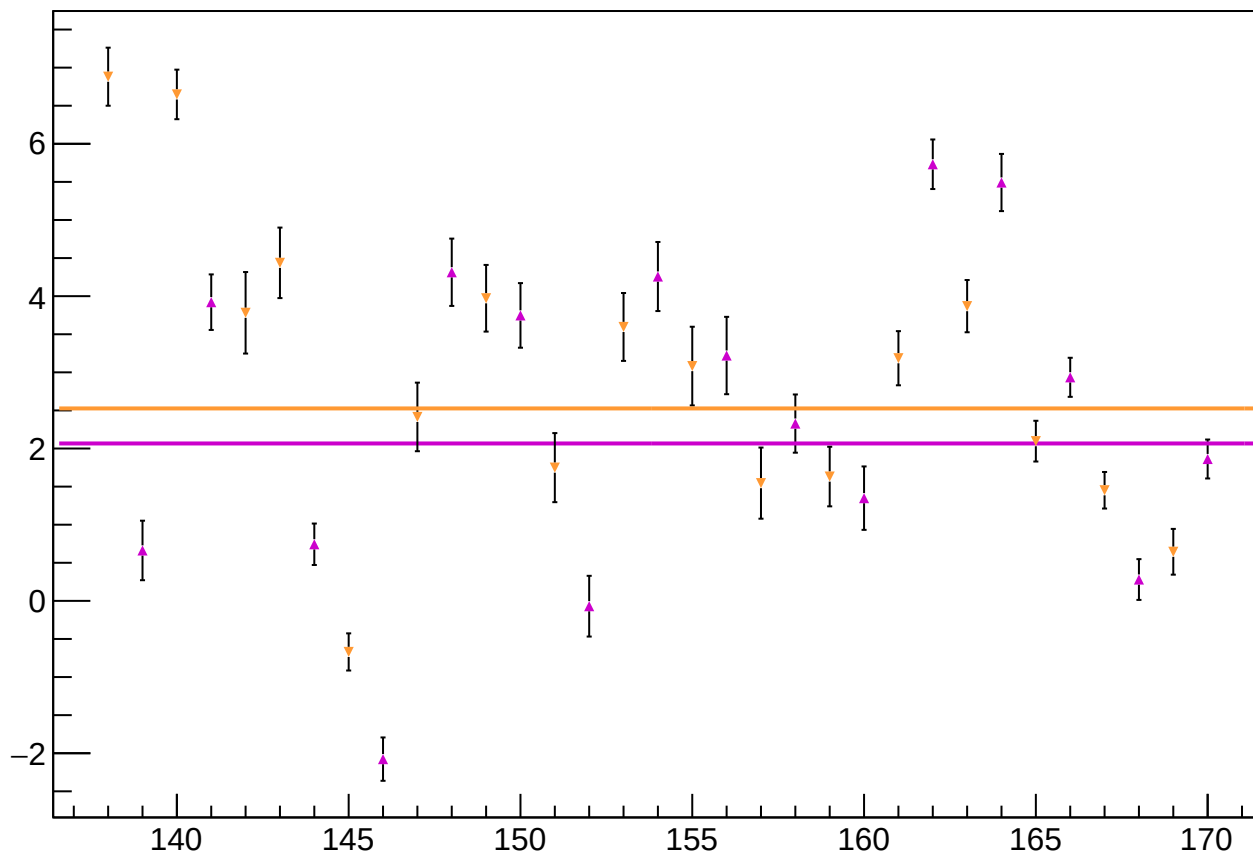
Left In: 0.149 ± 0.003 χ^2/NDF : 931.3/15

+ sign 0.122 ± 0.003 χ^2/NDF : 1267.8/33

All: 0.117 ± 0.002 χ^2/NDF : 3400.5/68

- sign 0.112 ± 0.003 χ^2/NDF : 2127.8/34

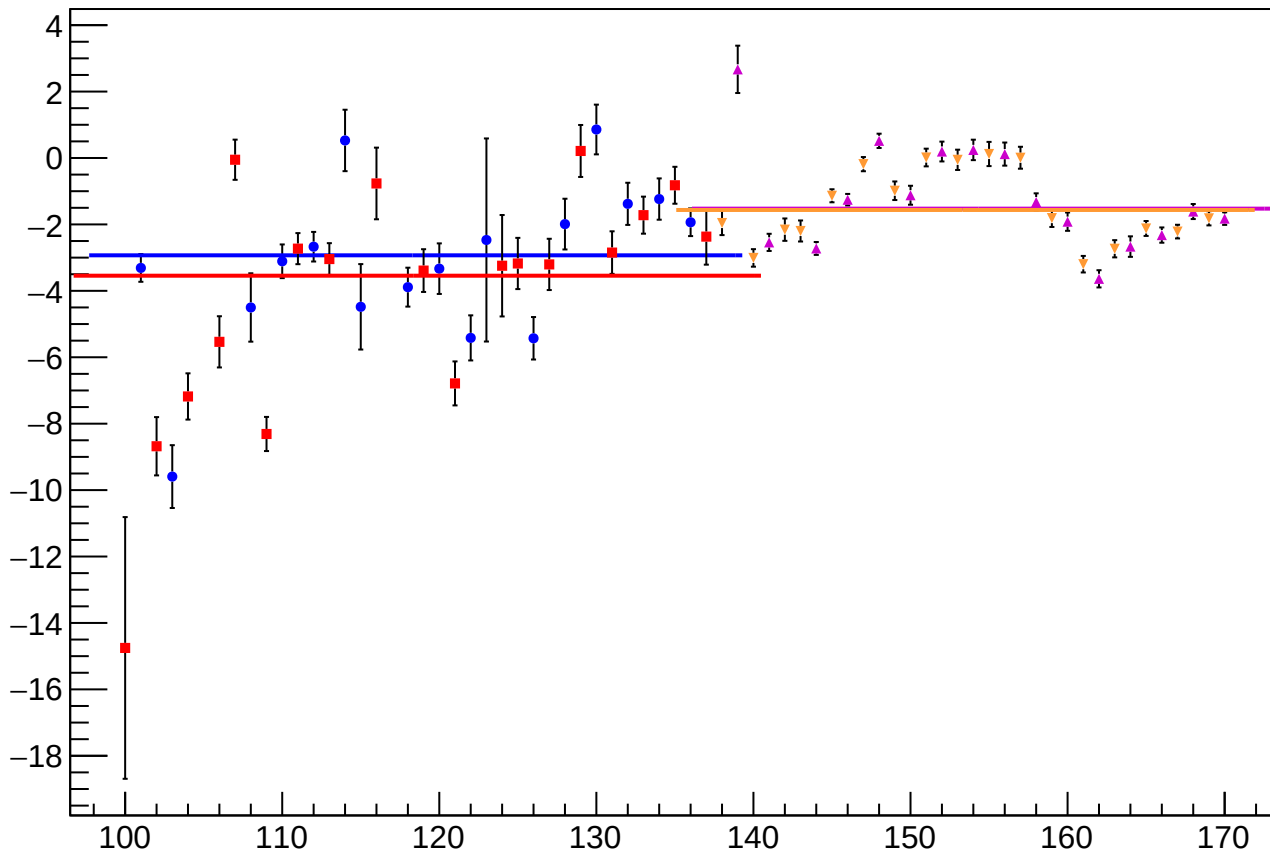
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.526 $\pm$ 0.086 χ^2 /NDF:596.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.066 $\pm$ 0.085 χ^2 /NDF:643.7/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.293 $\pm$ 0.060 χ^2 /NDF: 1254.9/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.565 ± 0.063 χ^2/NDF : 274.2/16

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

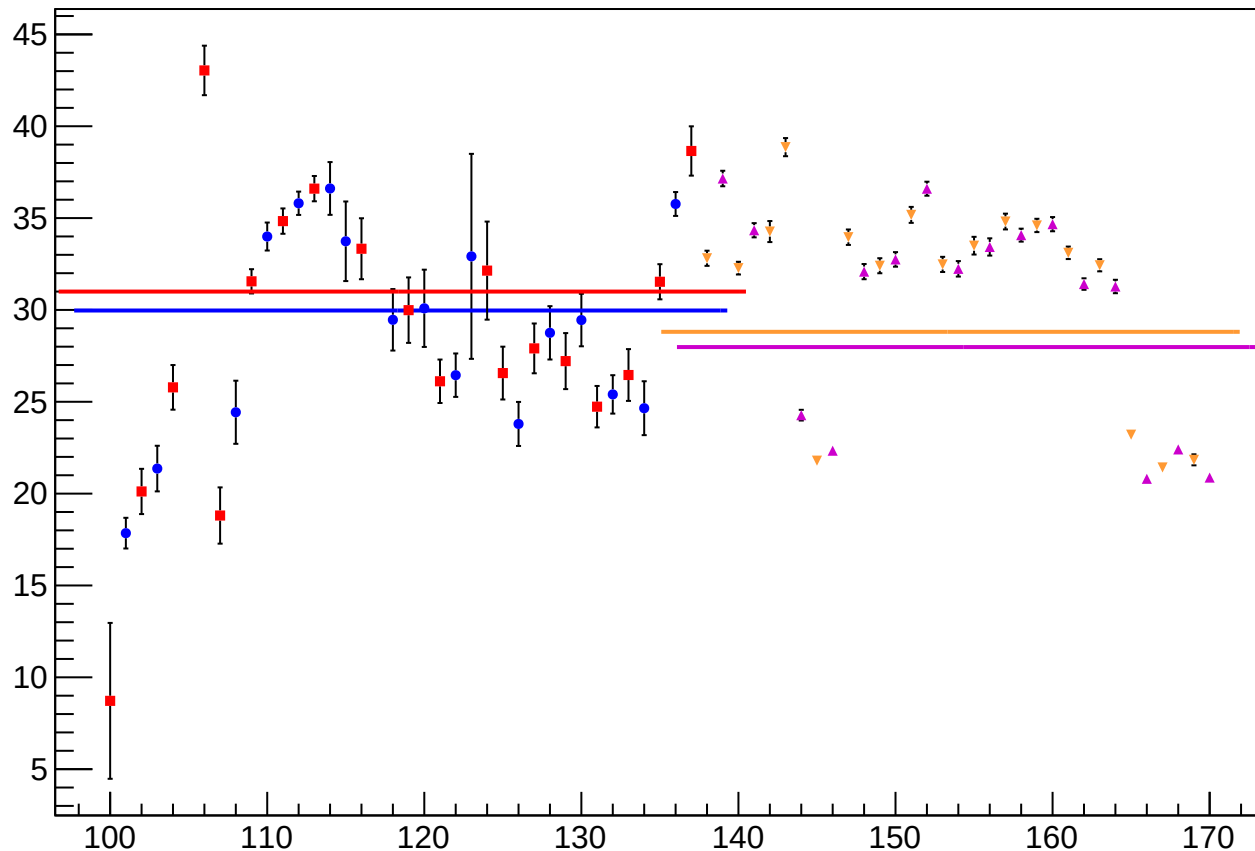
Left In: -1.525 ± 0.062 χ^2/NDF : 368.1/15

+ sign -1.760 ± 0.058 χ^2/NDF : 488.1/33

All: -1.783 ± 0.041 χ^2/NDF : 1295.0/68

- sign -1.806 ± 0.058 χ^2/NDF : 806.6/34

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 28.809 ± 0.086 $\chi^2/\text{NDF}: 4661.7/16$

Right Out: 31.000 ± 0.260 $\chi^2/\text{NDF}: 479.5/18$

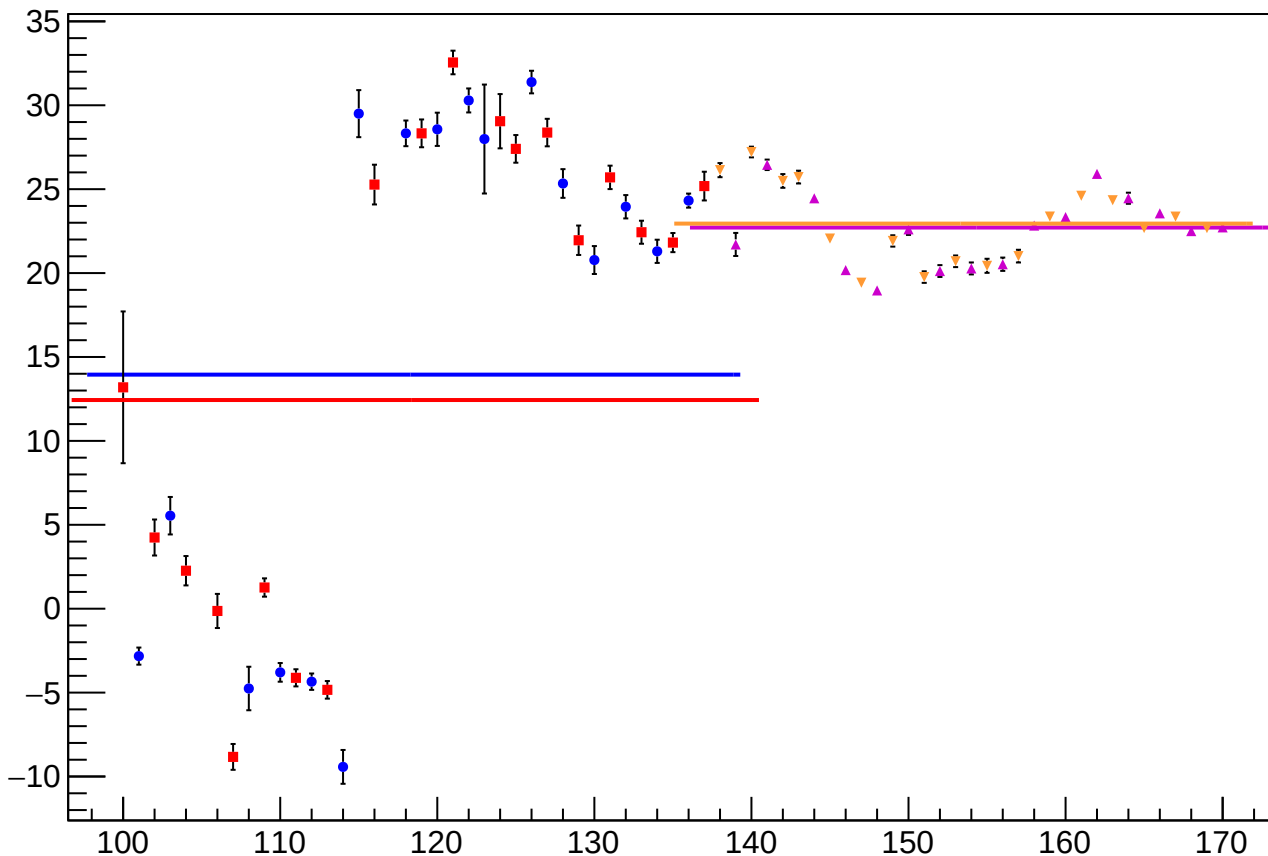
Left In: 27.979 ± 0.084 $\chi^2/\text{NDF}: 5069.3/15$

+ sign 28.917 ± 0.082 $\chi^2/\text{NDF}: 5233.2/33$

All: 28.582 ± 0.057 $\chi^2/\text{NDF}: 10937.3/68$

- sign 28.262 ± 0.080 $\chi^2/\text{NDF}: 5671.2/34$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 22.948 $\pm$ 0.072 χ^2 /NDF: 757.0/16

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

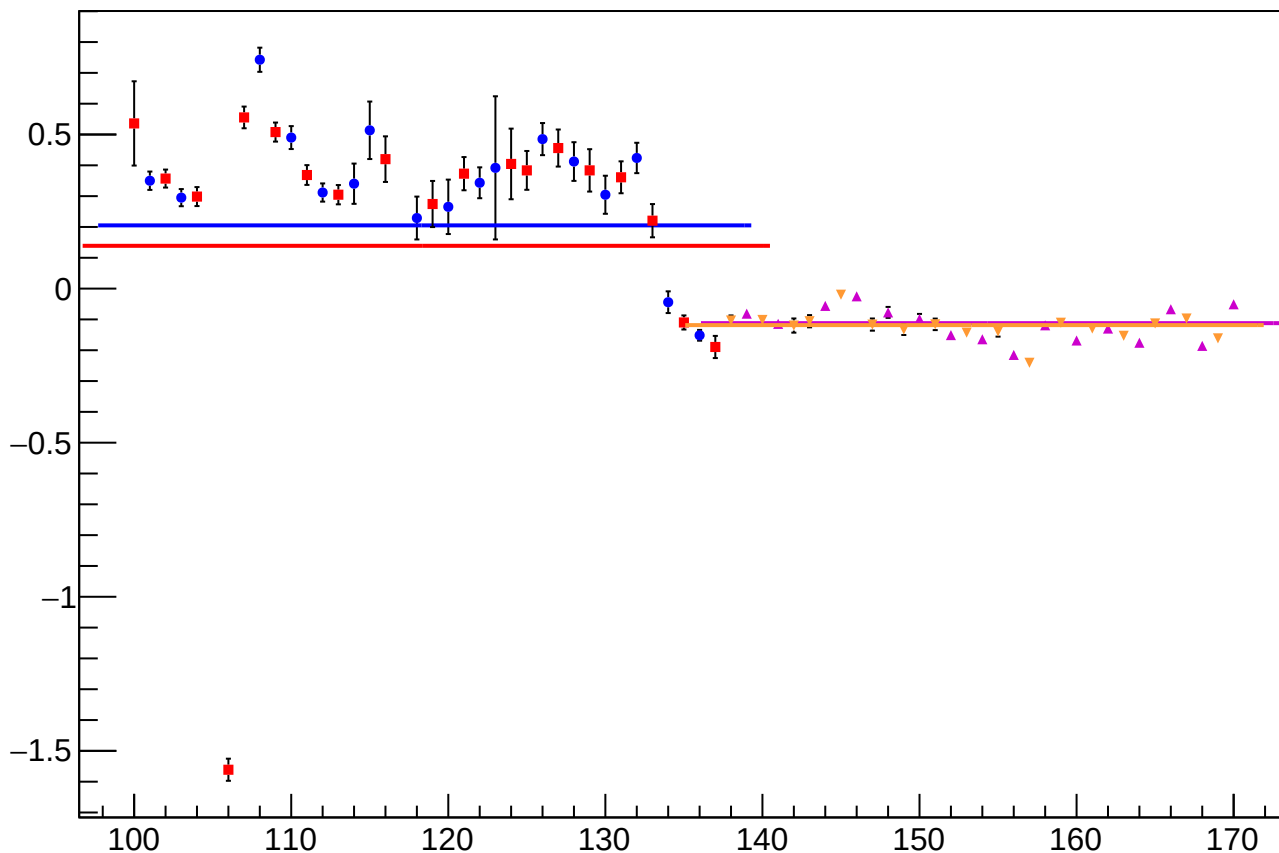
Left In: 22.713 $\pm$ 0.071 χ^2 /NDF: 807.7/15

+ sign 21.602 $\pm$ 0.067 χ^2 /NDF: 10478.7/33

All: 21.413 $\pm$ 0.047 χ^2 /NDF: 21260.8/68

- sign 21.225 $\pm$ 0.066 χ^2 /NDF: 10765.9/34

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: -0.118 ± 0.003 χ^2/NDF : 200.6/16

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

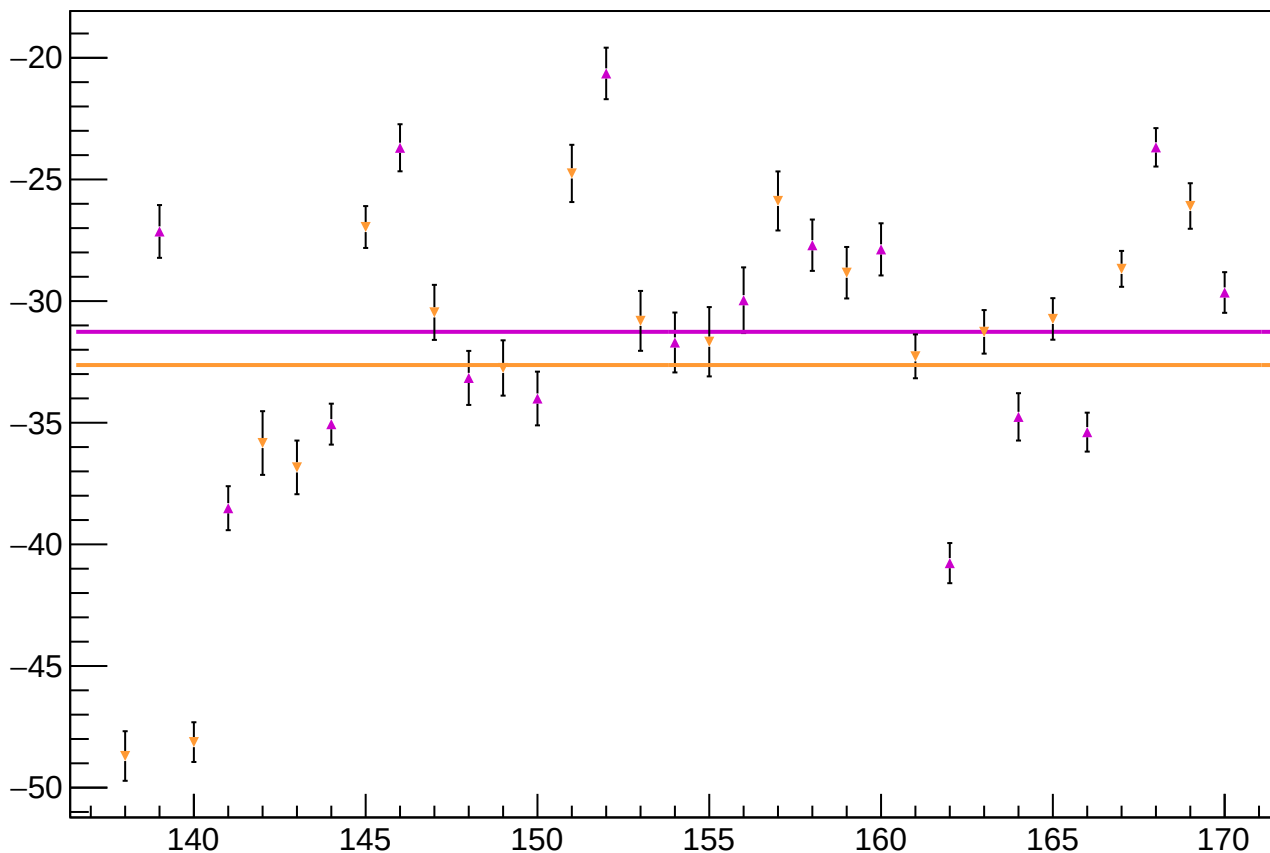
Left In: -0.112 ± 0.003 χ^2/NDF : 284.6/15

+ sign -0.082 ± 0.003 χ^2/NDF : 2105.6/33

All: -0.083 ± 0.002 χ^2/NDF : 6067.0/68

- sign -0.083 ± 0.003 χ^2/NDF : 3961.2/34

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.629 $\pm$ 0.242 χ^2 /NDF:852.7/16

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

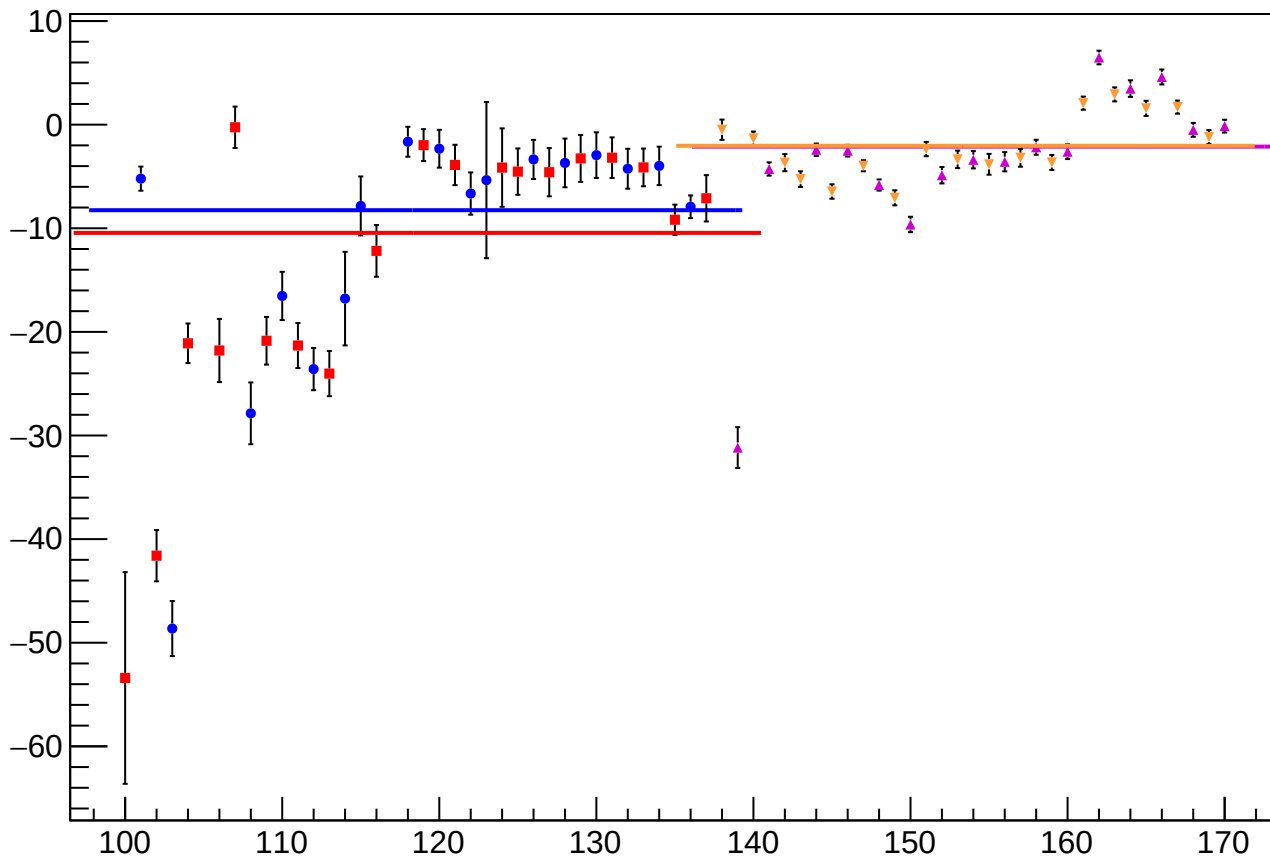
Left In: -31.263 $\pm$ 0.241 χ^2 /NDF:560.5/15

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

All: -31.943 $\pm$ 0.171 χ^2 /NDF: 1429.1/32

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

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -2.039 ± 0.174 χ^2/NDF : 295.8/16

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

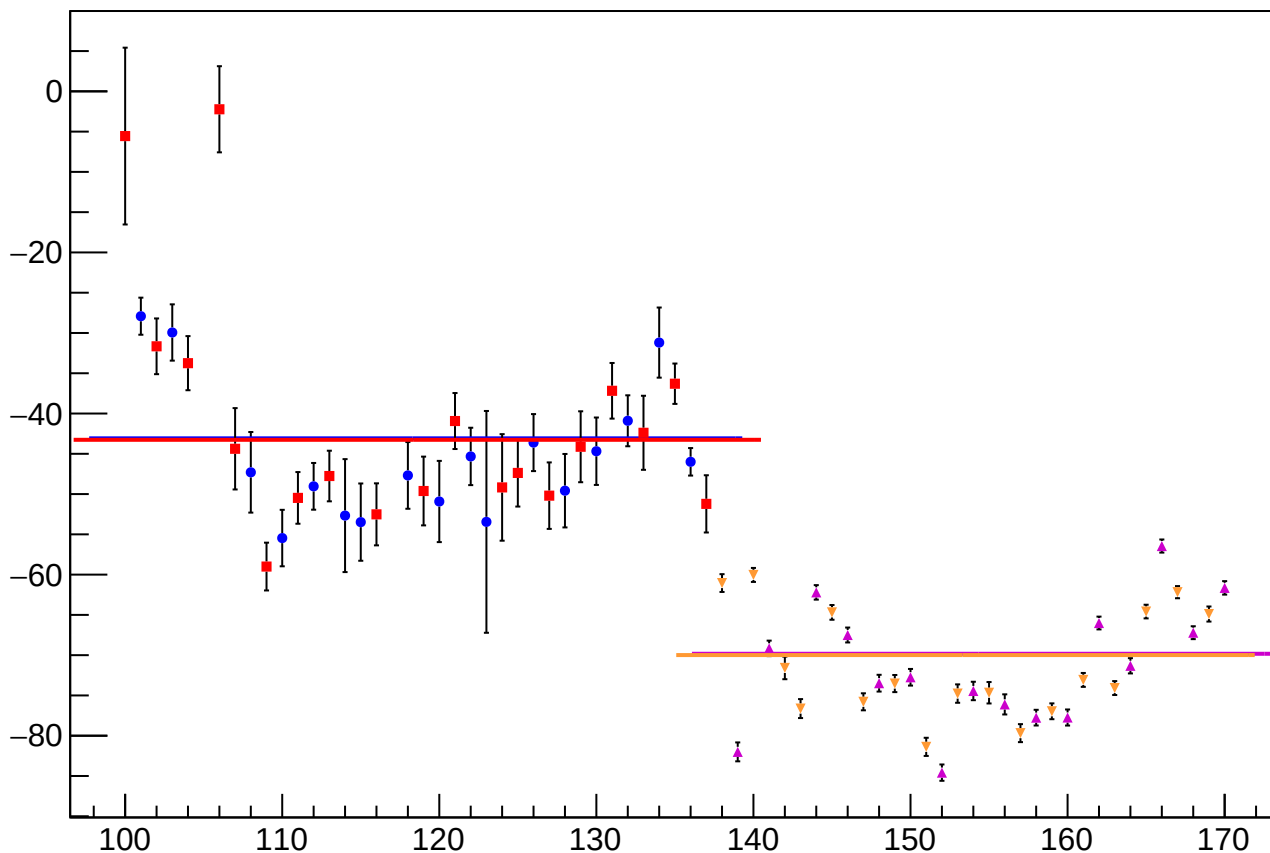
Left In: -2.118 ± 0.175 χ^2/NDF : 717.8/15

+ sign -2.811 ± 0.163 χ^2/NDF : 866.5/33

All: -2.934 ± 0.116 χ^2/NDF : 2268.7/68

- sign -3.060 ± 0.165 χ^2/NDF : 1401.1/34

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 χ^2/NDF : 99.2/16

Left Out: -69.988 ± 0.241 χ^2/NDF : 774.8/16

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

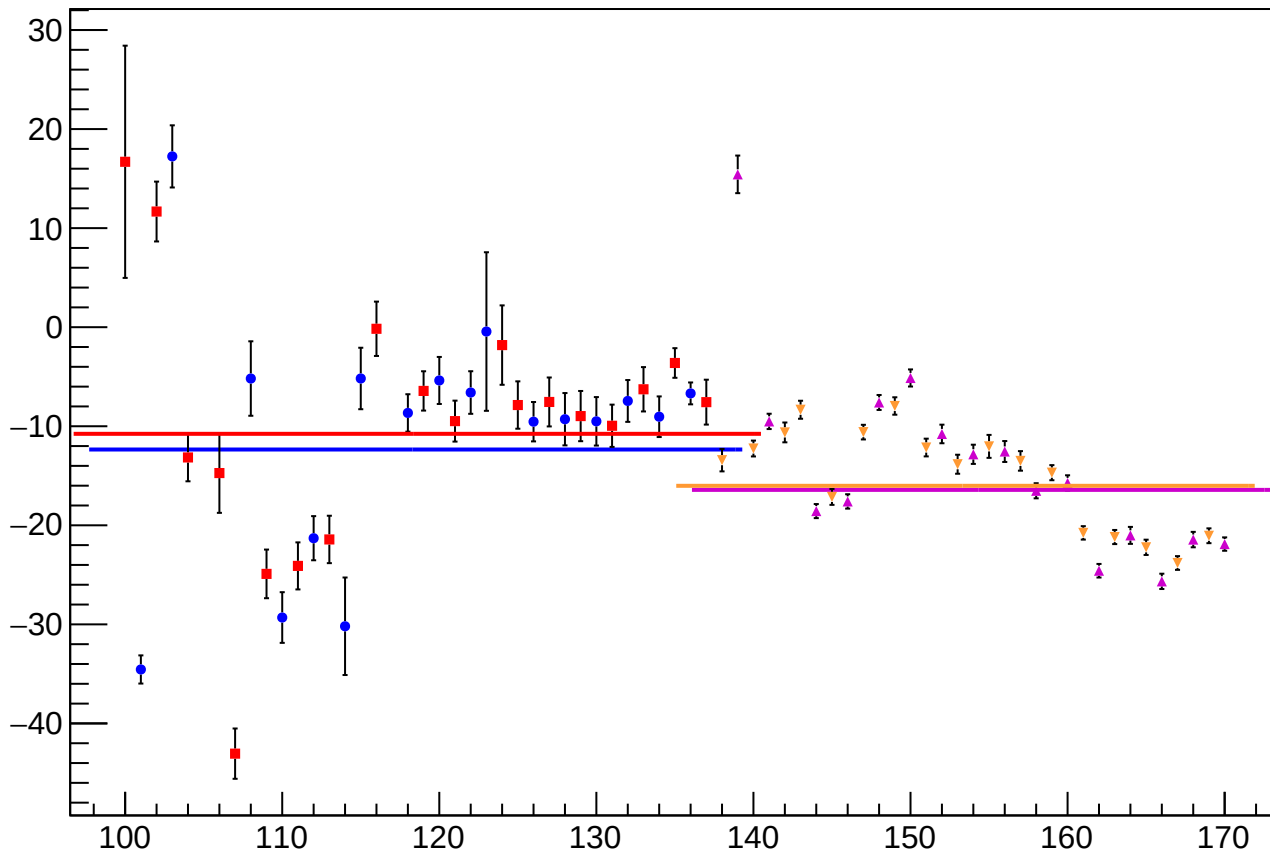
Left In: -69.827 ± 0.238 χ^2/NDF : 991.1/15

+ sign -67.922 ± 0.231 χ^2/NDF : 1834.3/33

All: -67.945 ± 0.163 χ^2/NDF : 3853.8/68

- sign -67.968 ± 0.229 χ^2/NDF : 2019.5/34

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: -16.013 ± 0.201 χ^2/NDF : 651.0/16

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

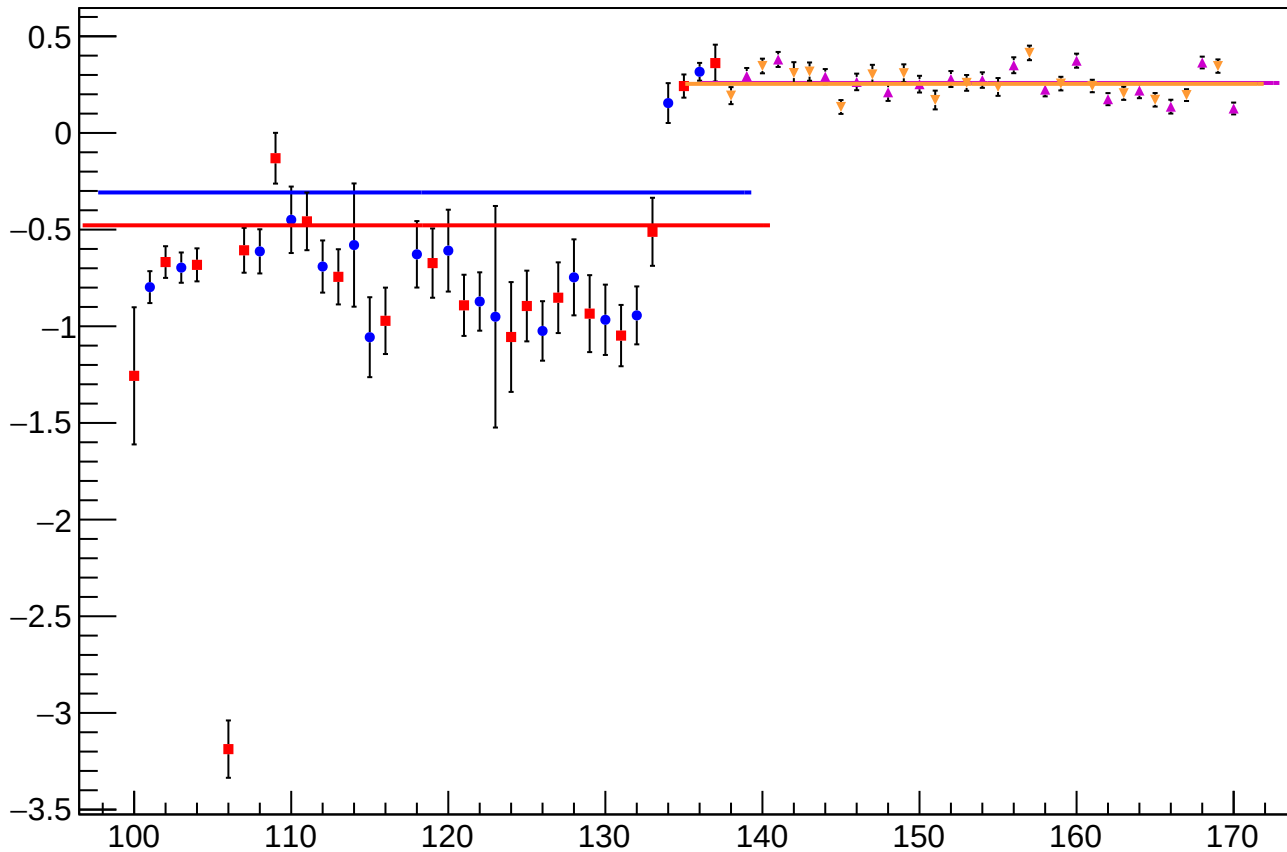
Left In: -16.424 ± 0.202 χ^2/NDF : 1165.1/15

+ sign -15.536 ± 0.187 χ^2/NDF : 1170.2/33

All: -15.644 ± 0.133 χ^2/NDF : 2794.8/68

- sign -15.756 ± 0.190 χ^2/NDF : 1624.0/34

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.254 ± 0.009 χ^2/NDF : 63.6/16

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

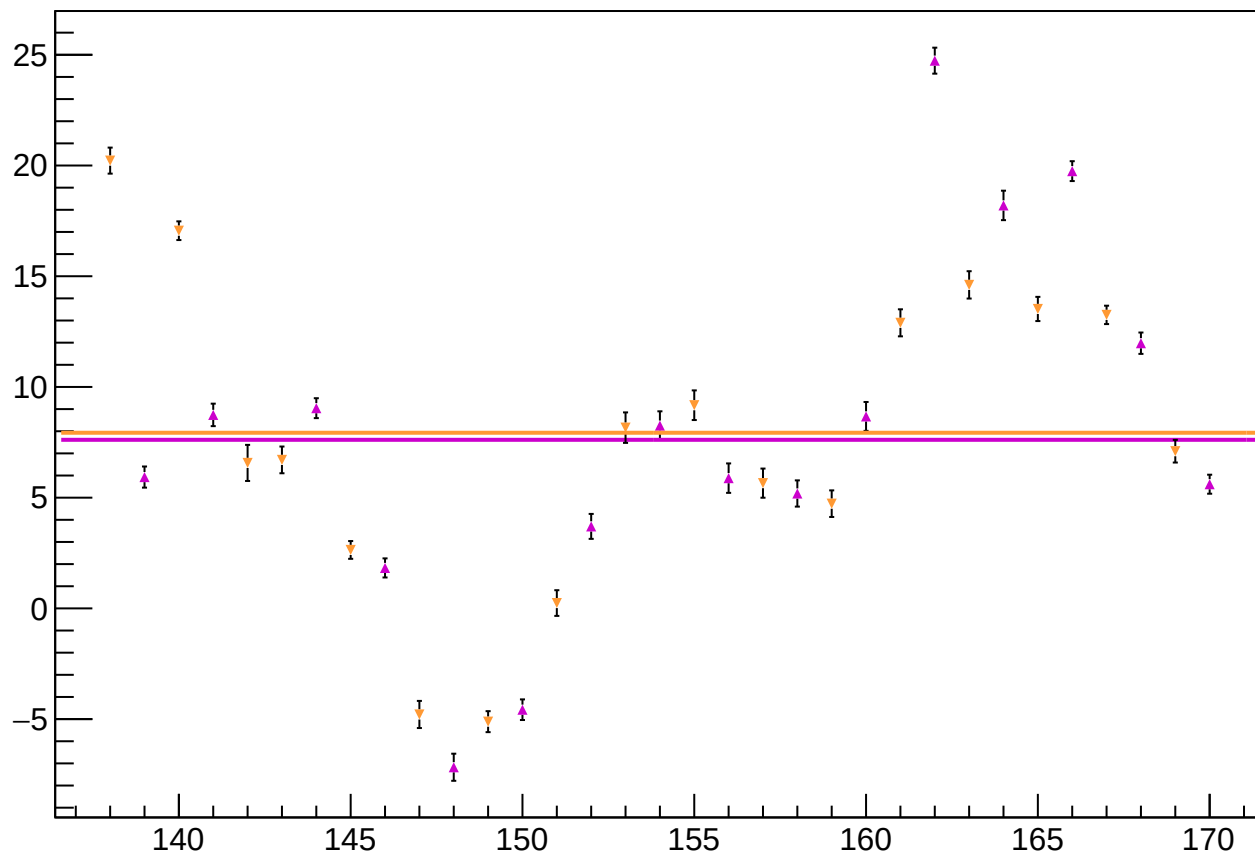
Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/15

+ sign 0.195 ± 0.009 χ^2/NDF : 808.9/33

All: 0.191 ± 0.006 χ^2/NDF : 2121.2/68

- sign 0.187 ± 0.009 χ^2/NDF : 1311.9/34

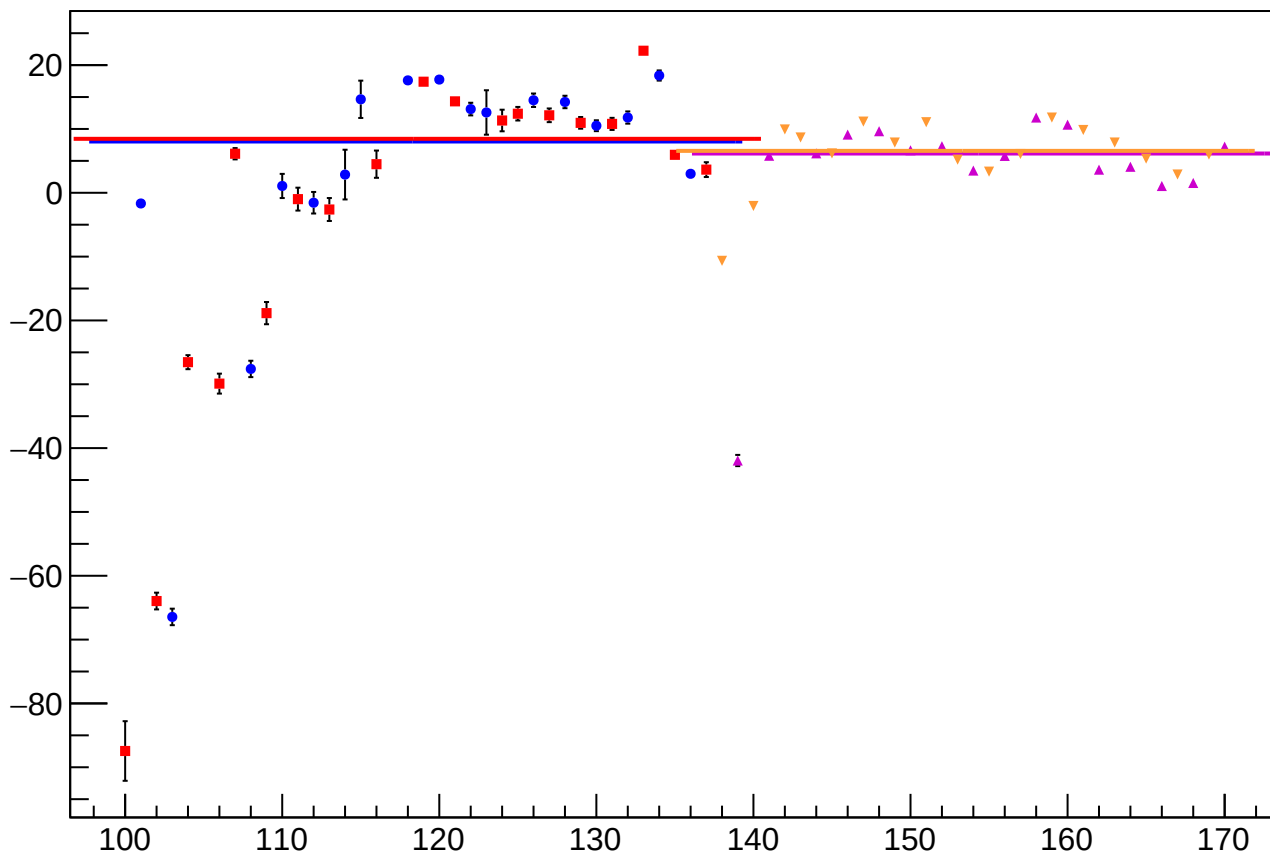
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 7.932 +/- 0.133 χ^2/NDF : 2949.9/16
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 7.613 +/- 0.130 χ^2/NDF : 3490.7/15

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: 7.770 +/- 0.093 χ^2/NDF : 6443.5/32
 - 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: 6.566 ± 0.095 χ^2/NDF : 2344.4/16

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

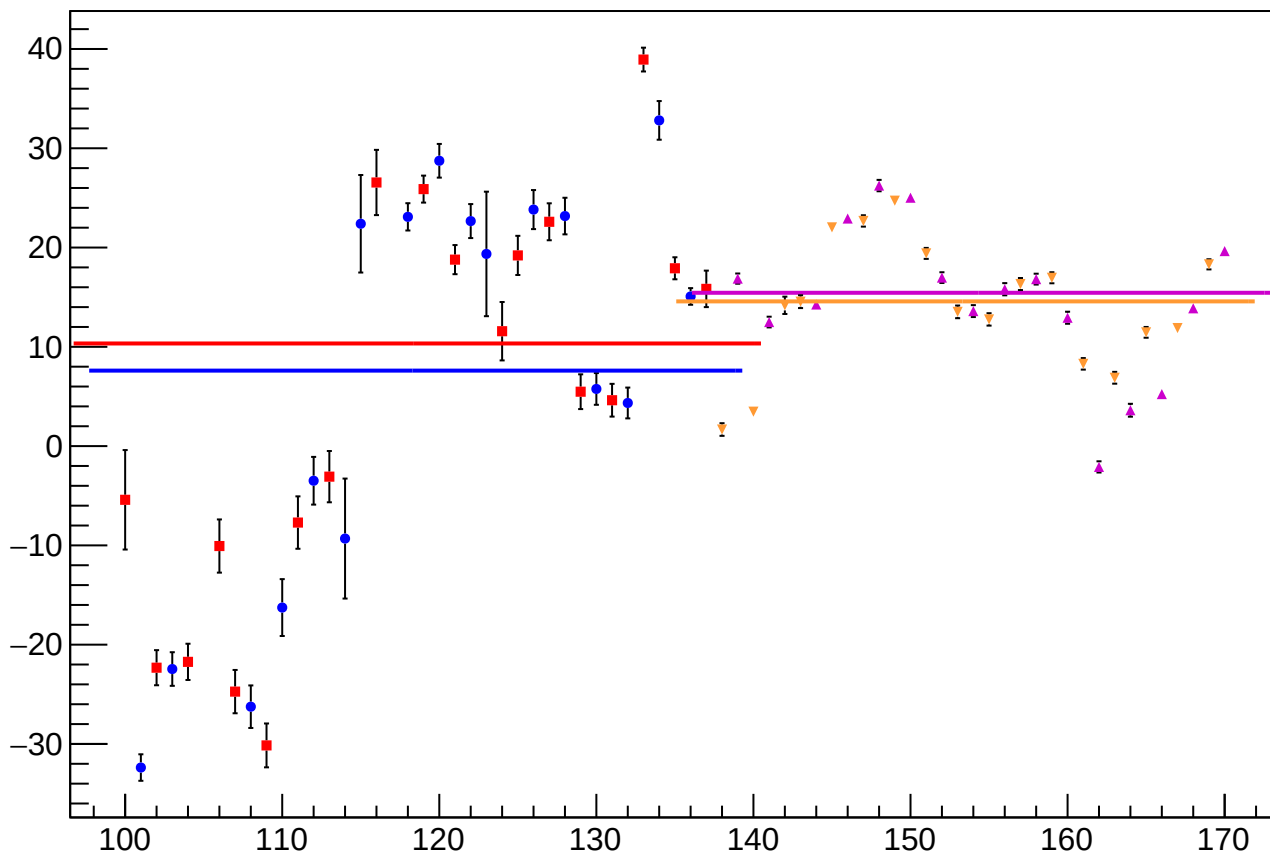
Left In: 6.151 ± 0.096 χ^2/NDF : 3926.0/15

+ sign 6.808 ± 0.087 χ^2/NDF : 7752.8/33

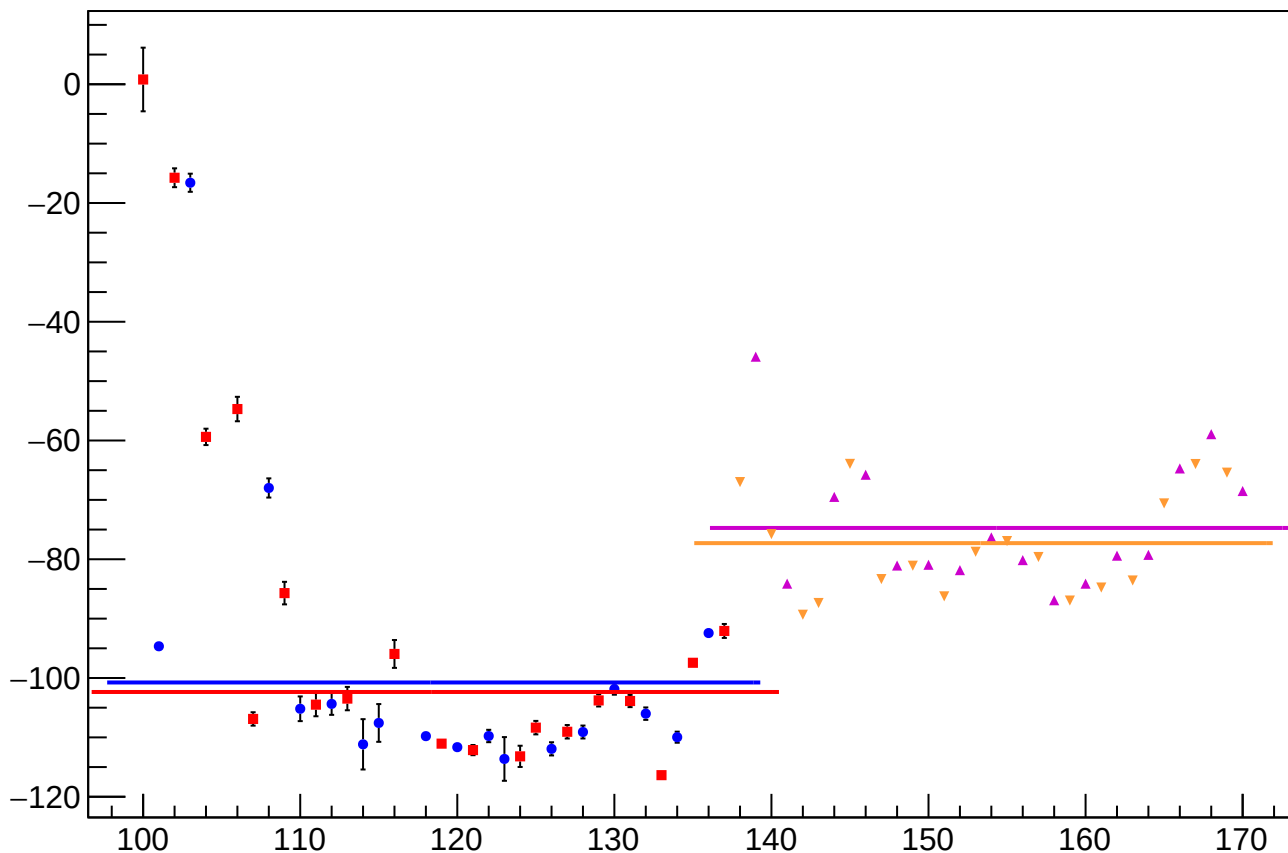
All: 6.673 ± 0.062 χ^2/NDF : 18484.9/68

- sign 6.538 ± 0.087 χ^2/NDF : 10727.3/34

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



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: -77.285 ± 0.111 χ^2/NDF : 6149.2/16

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

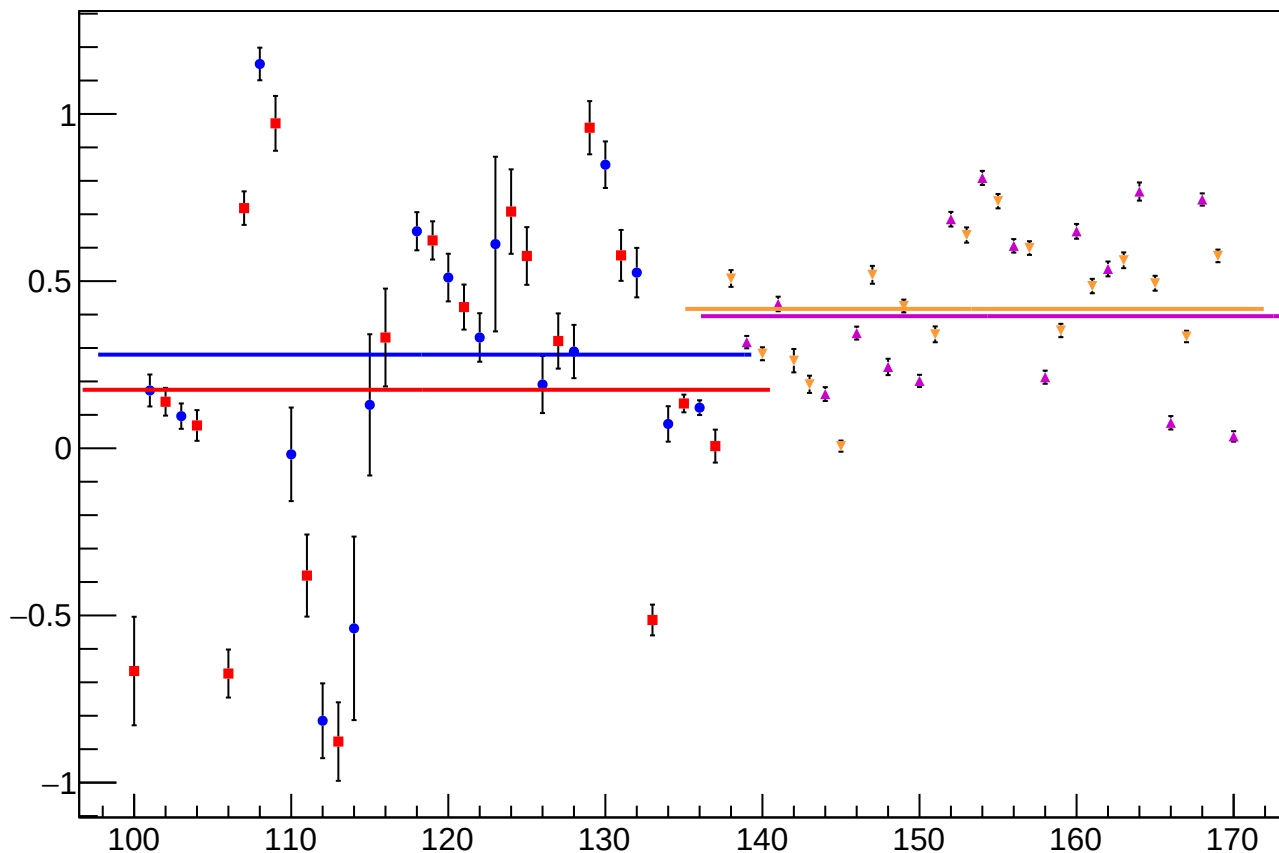
Left In: -74.728 ± 0.111 χ^2/NDF : 6637.7/15

+ sign -81.199 ± 0.101 χ^2/NDF : 18132.1/33

All: -80.279 ± 0.071 χ^2/NDF : 41488.0/68

- sign -79.366 ± 0.101 χ^2/NDF : 23191.5/34

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.0/16

Left Out: 0.417 $\pm$ 0.005 χ^2 /NDF:1348.6/16

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 966.7/18

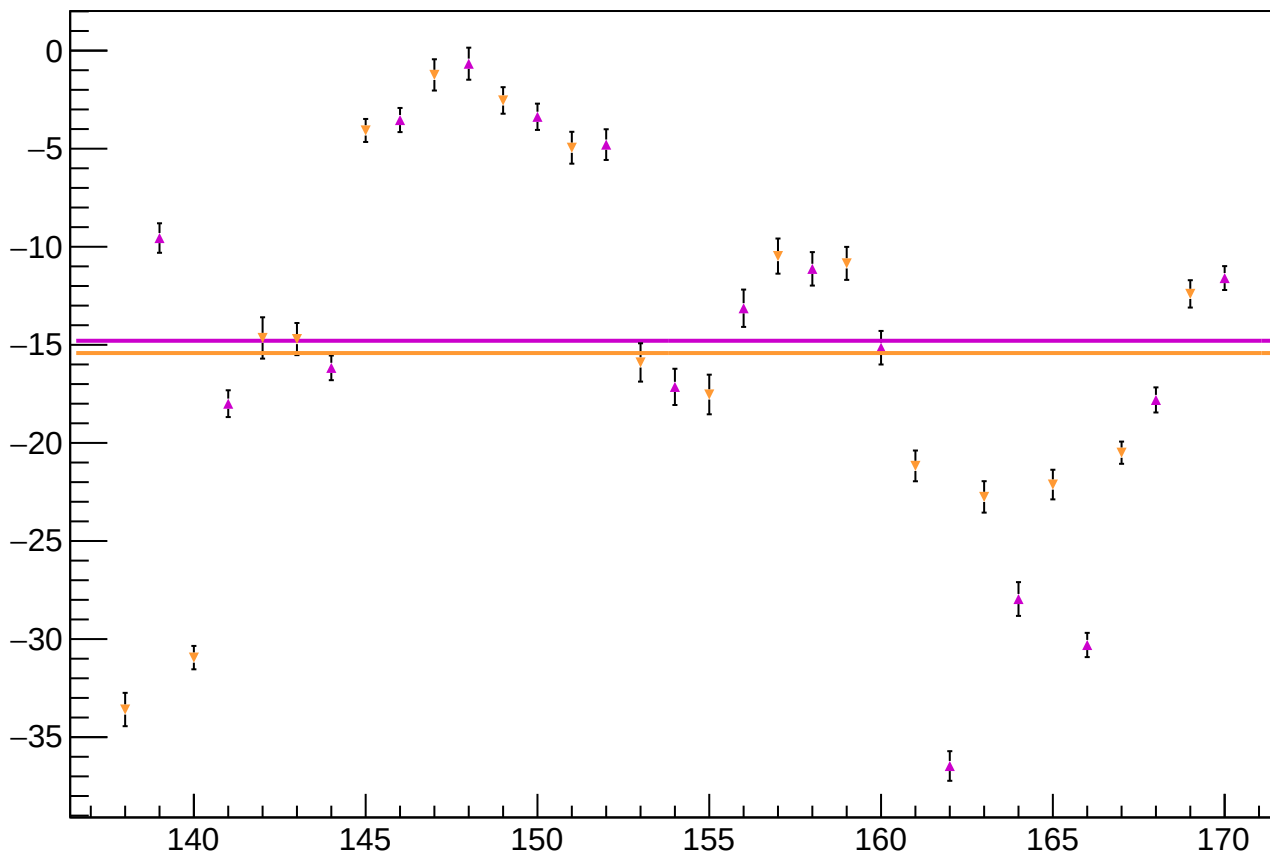
Left In: 0.395 $\pm$ 0.005 χ^2 /NDF:2561.1/15

+ sign 0.399 $\pm$ 0.005 χ^2 /NDF: 2094.3/33

All: 0.383 $\pm$ 0.003 χ^2 /NDF: 5878.5/68

- sign 0.368 $\pm$ 0.005 χ^2 /NDF: 3762.7/34

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -15.419 ± 0.184 χ^2/NDF : 2736.2/16

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

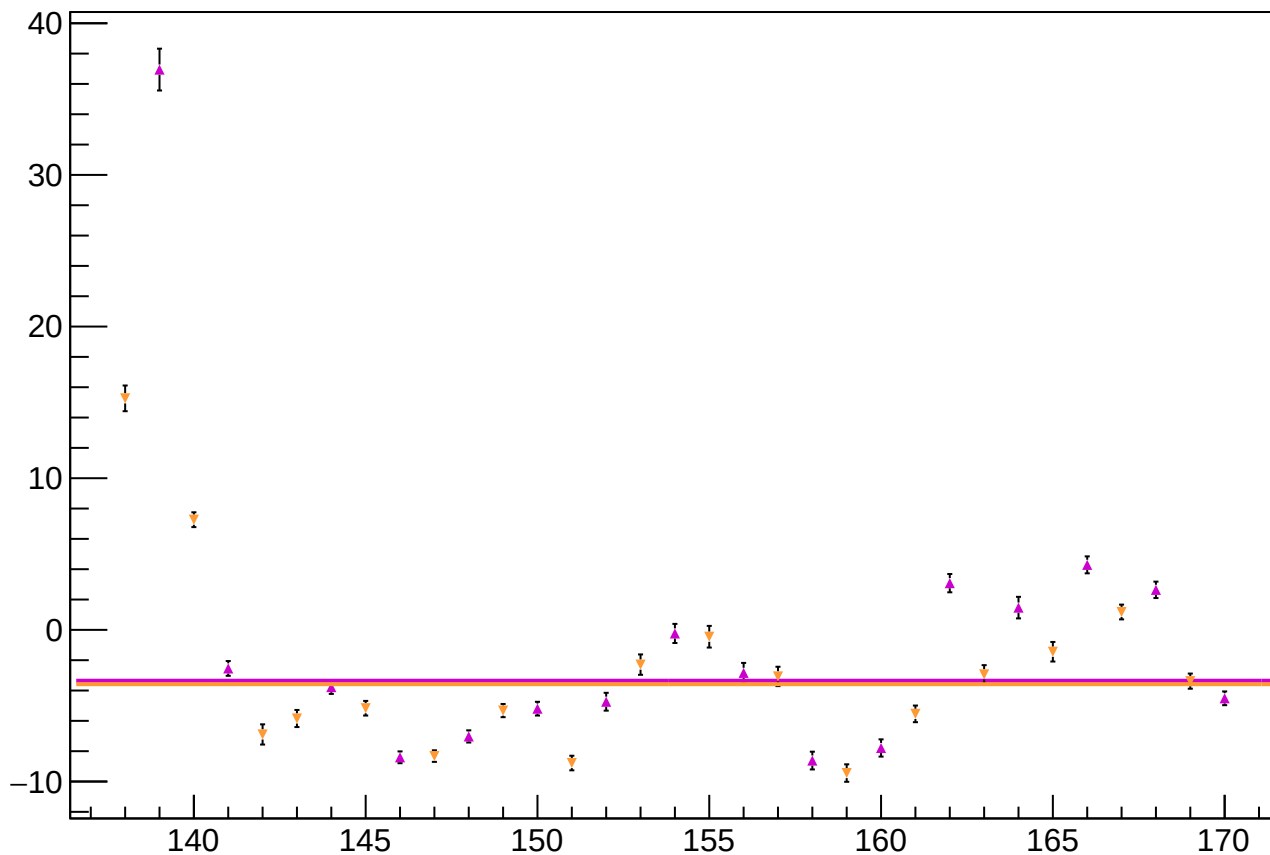
Left In: -14.792 ± 0.182 χ^2/NDF : 2928.8/15

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.101 ± 0.129 χ^2/NDF : 5670.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

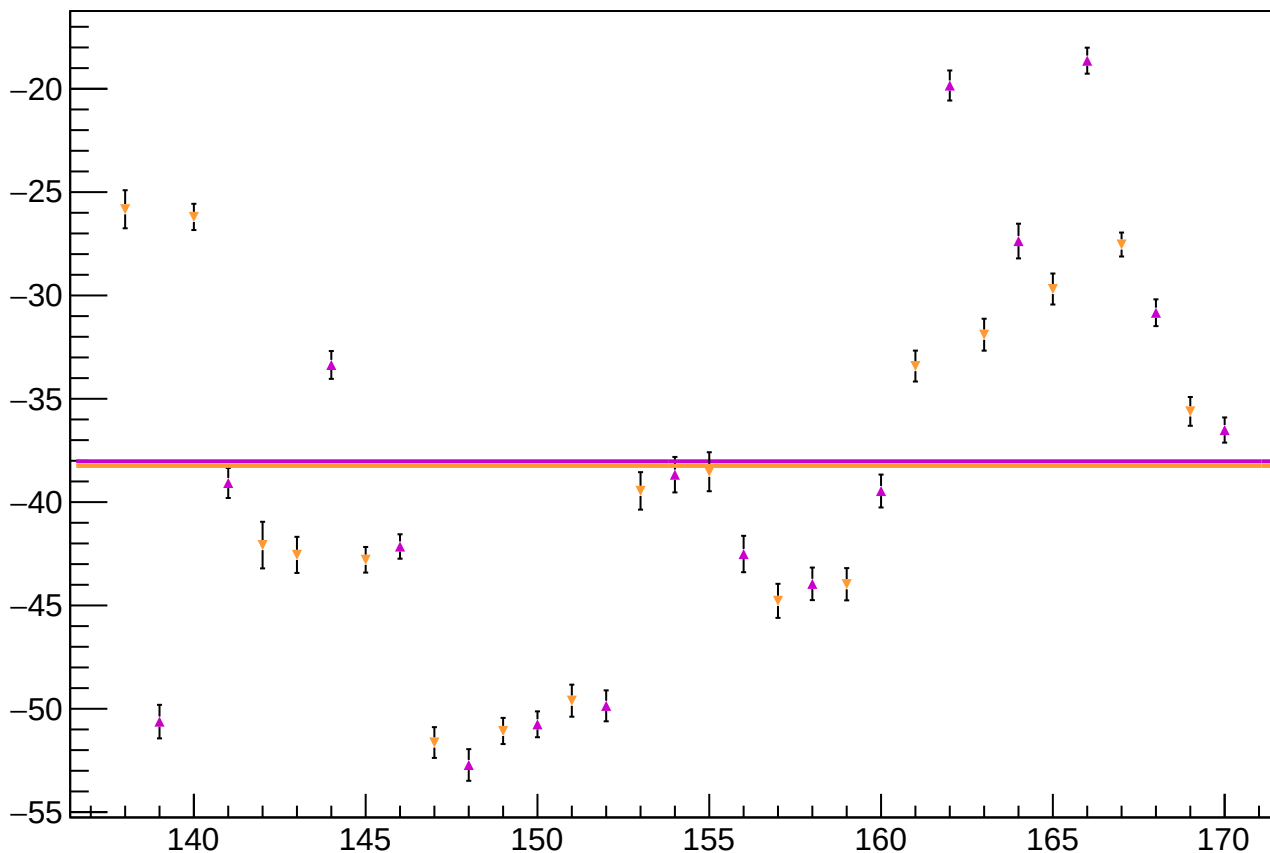
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.582 $\pm$ 0.131 χ^2 /NDF:1573.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.354 $\pm$ 0.132 χ^2 /NDF:1773.8/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -3.469 $\pm$ 0.093 χ^2 /NDF: 3348.6/32
 - sign 0.000 $\pm$ 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: -38.249+/-0.182 χ^2/NDF : 2292.8/16

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

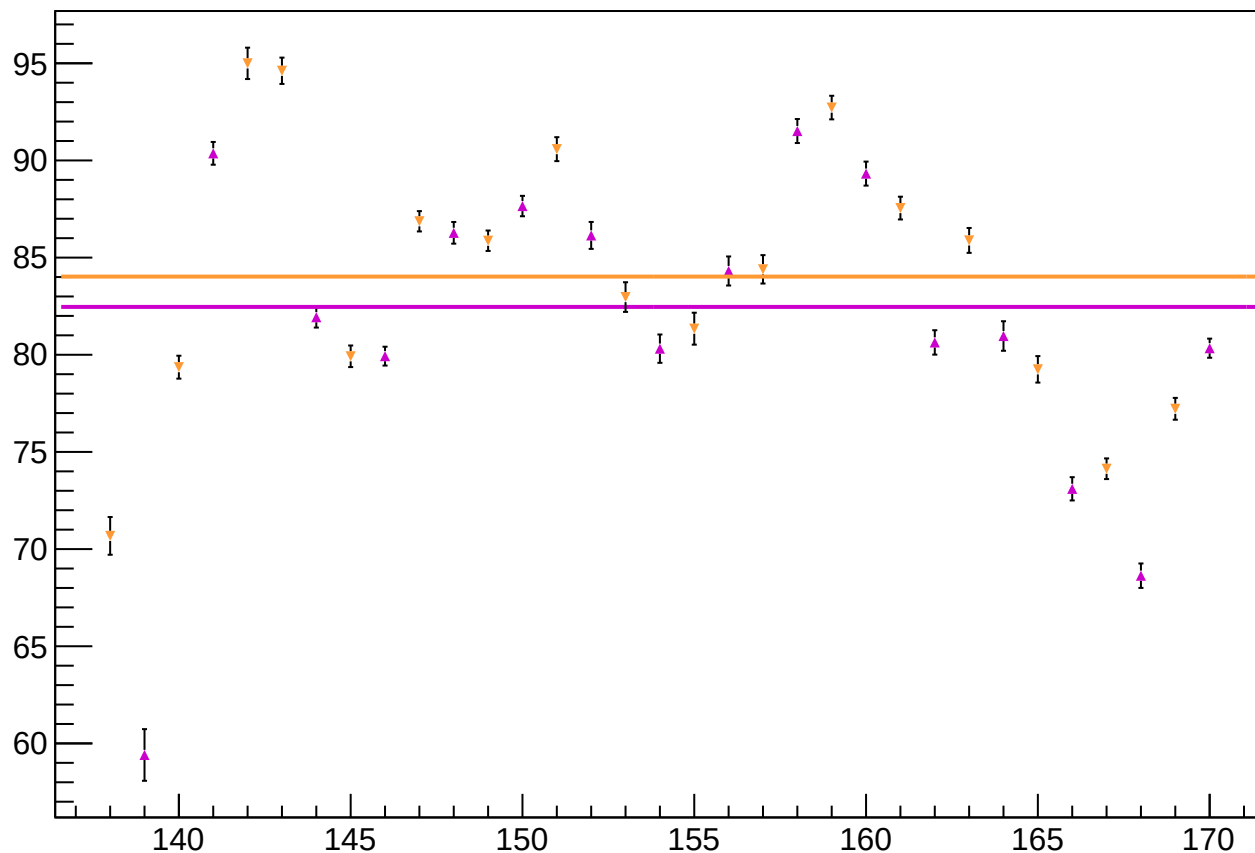
Left In: -38.025+/-0.179 χ^2/NDF : 3320.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.135+/-0.128 χ^2/NDF : 5614.3/32

- 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: 84.023+/-0.153 χ^2/NDF :1695.1/16

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

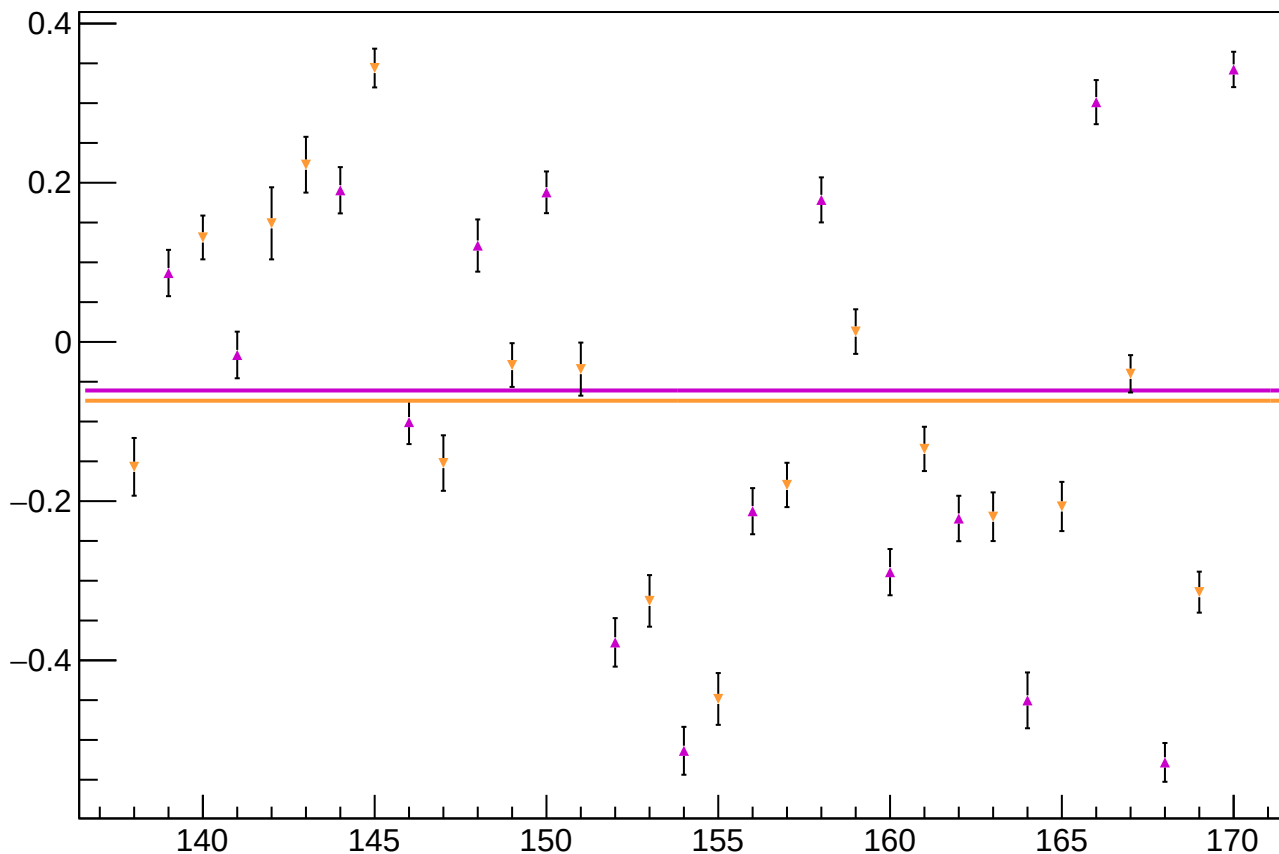
Left In: 82.463+/-0.153 χ^2/NDF :1795.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.243+/-0.108 χ^2/NDF : 3542.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.074 $\pm$ 0.007 χ^2 /NDF: 812.7/16

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

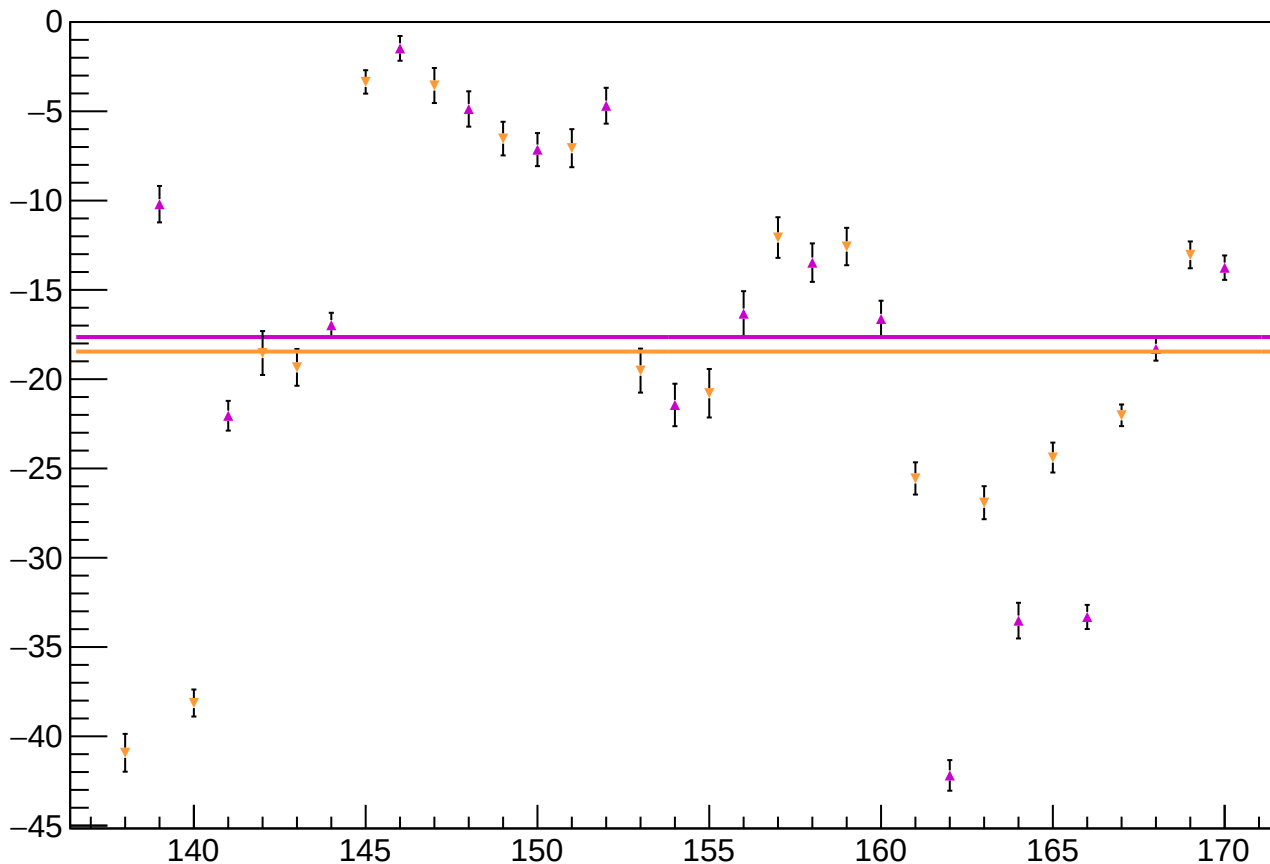
Left In: -0.061 $\pm$ 0.007 χ^2 /NDF: 1744.0/15

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

All: -0.067 $\pm$ 0.005 χ^2 /NDF: 2558.3/32

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

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.454 $\pm$ 0.219 χ^2/NDF : 2513.4/16

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

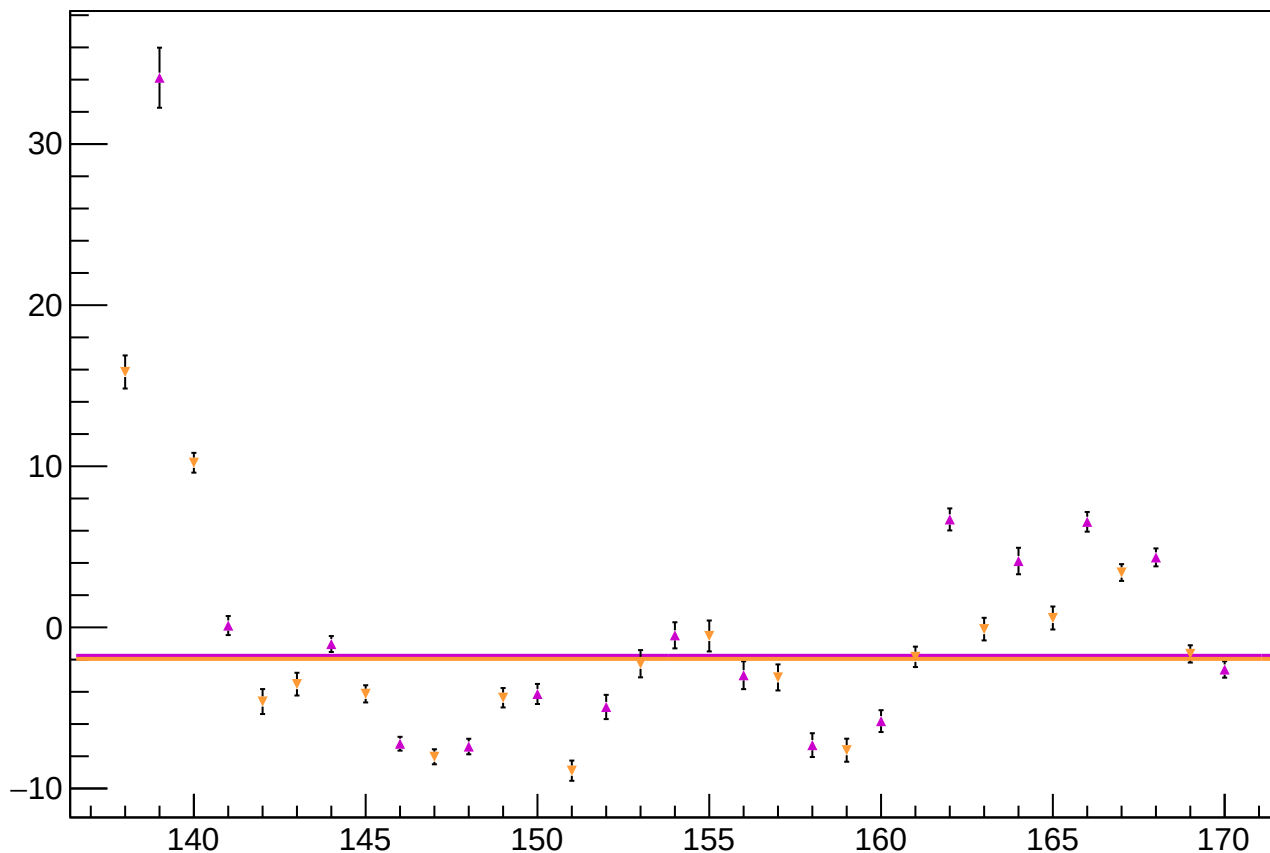
Left In: -17.641 $\pm$ 0.214 χ^2/NDF : 2758.7/15

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

All: -18.037 $\pm$ 0.153 χ^2/NDF : 5279.2/32

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

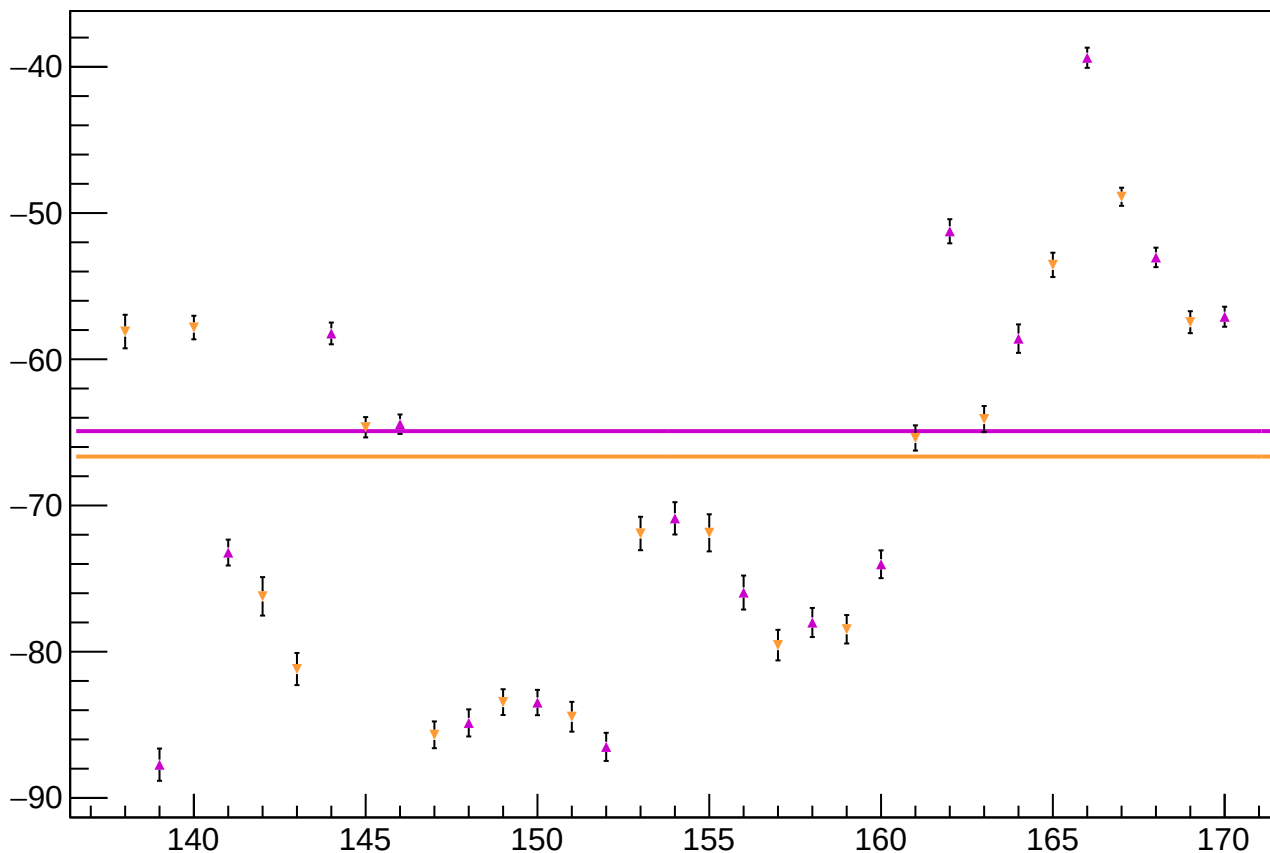
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.955 $\pm$ 0.158 χ^2 /NDF:1227.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.765 $\pm$ 0.155 χ^2 /NDF:1321.8/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -1.859 $\pm$ 0.111 χ^2 /NDF: 2550.3/32
 - sign 0.000 $\pm$ 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: -66.654+/-0.218 χ^2/NDF : 3077.4/16

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

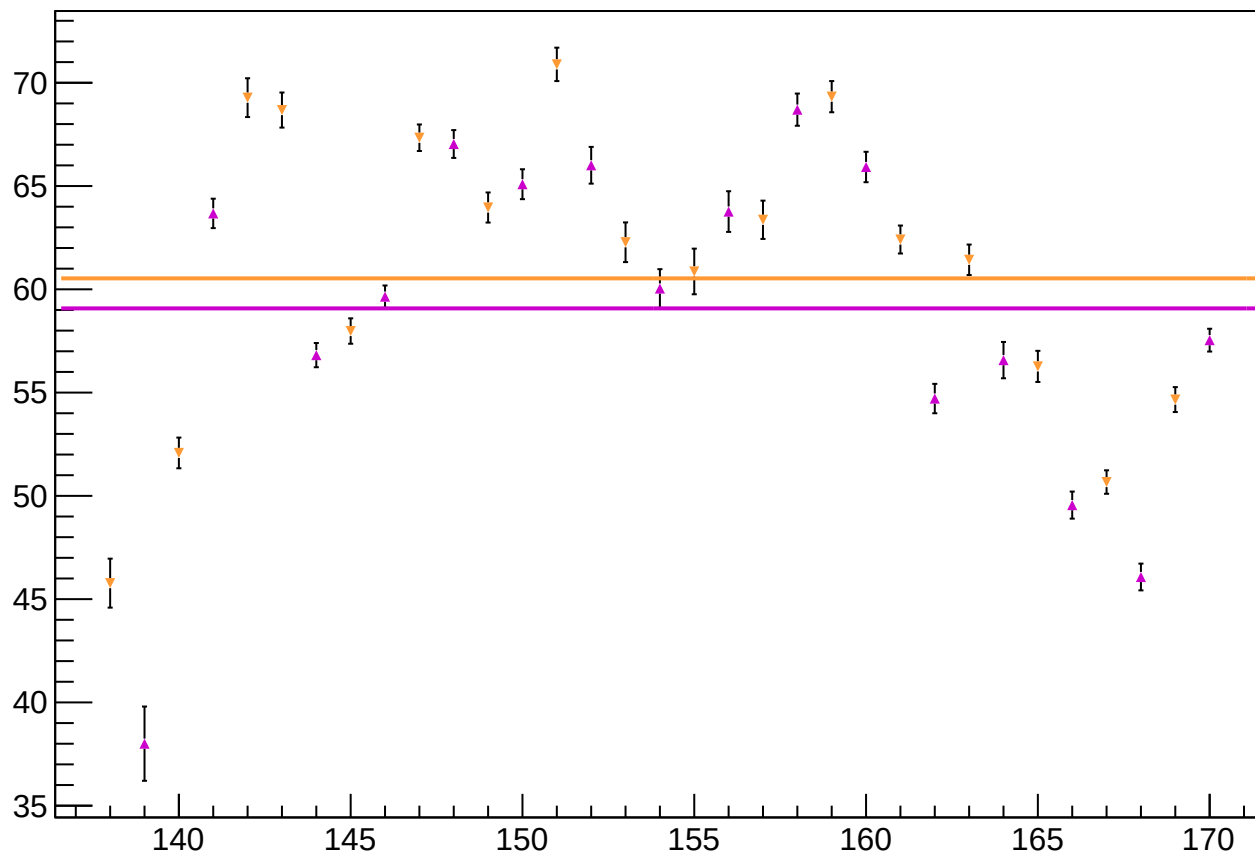
Left In: -64.915+/-0.211 χ^2/NDF : 4545.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.756+/-0.152 χ^2/NDF : 7655.6/32

- 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: 60.530+/-0.183 χ^2/NDF :1364.4/16

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

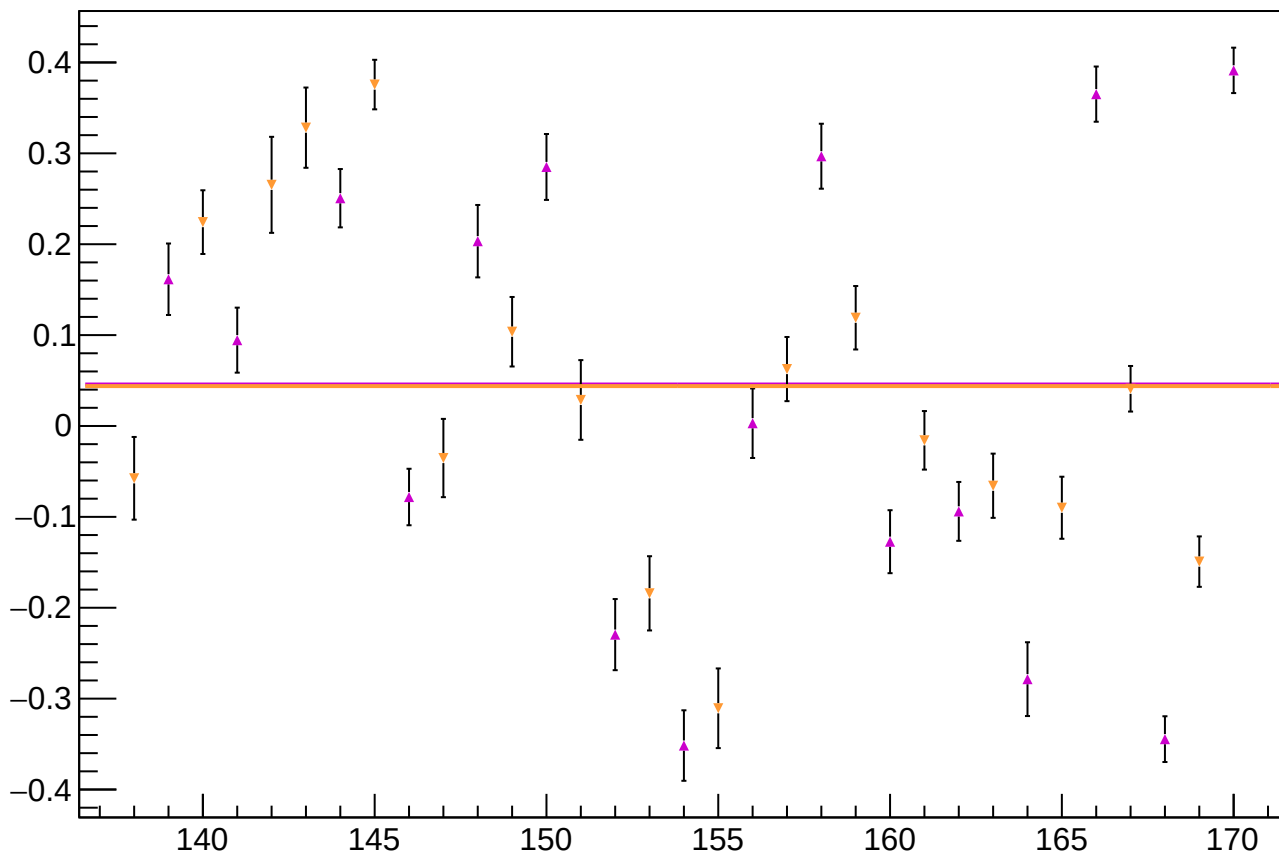
Left In: 59.076+/-0.180 χ^2/NDF :1394.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.792+/-0.128 χ^2/NDF : 2791.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.044 $\pm$ 0.009 χ^2 /NDF:423.0/16

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

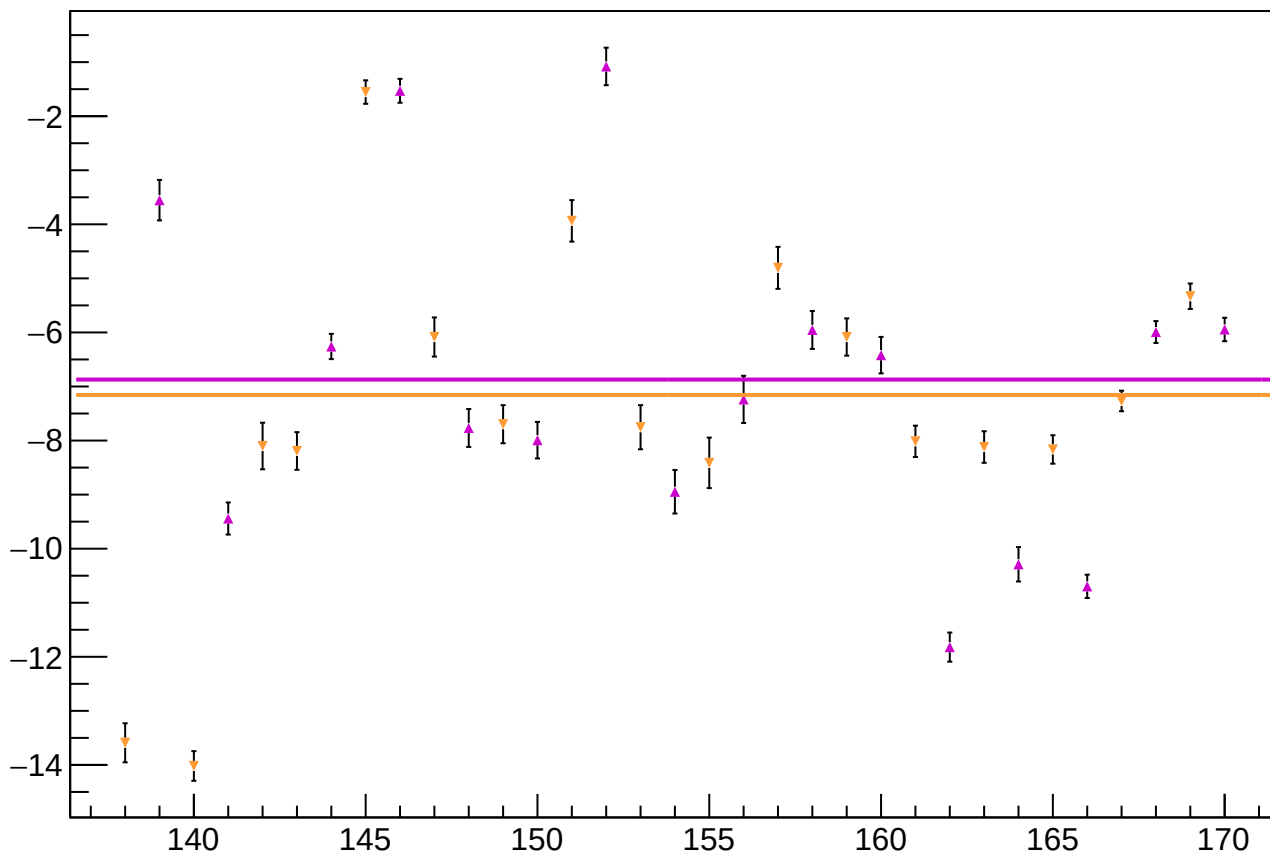
Left In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15

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

All: 0.045 $\pm$ 0.006 χ^2 /NDF: 1404.0/32

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

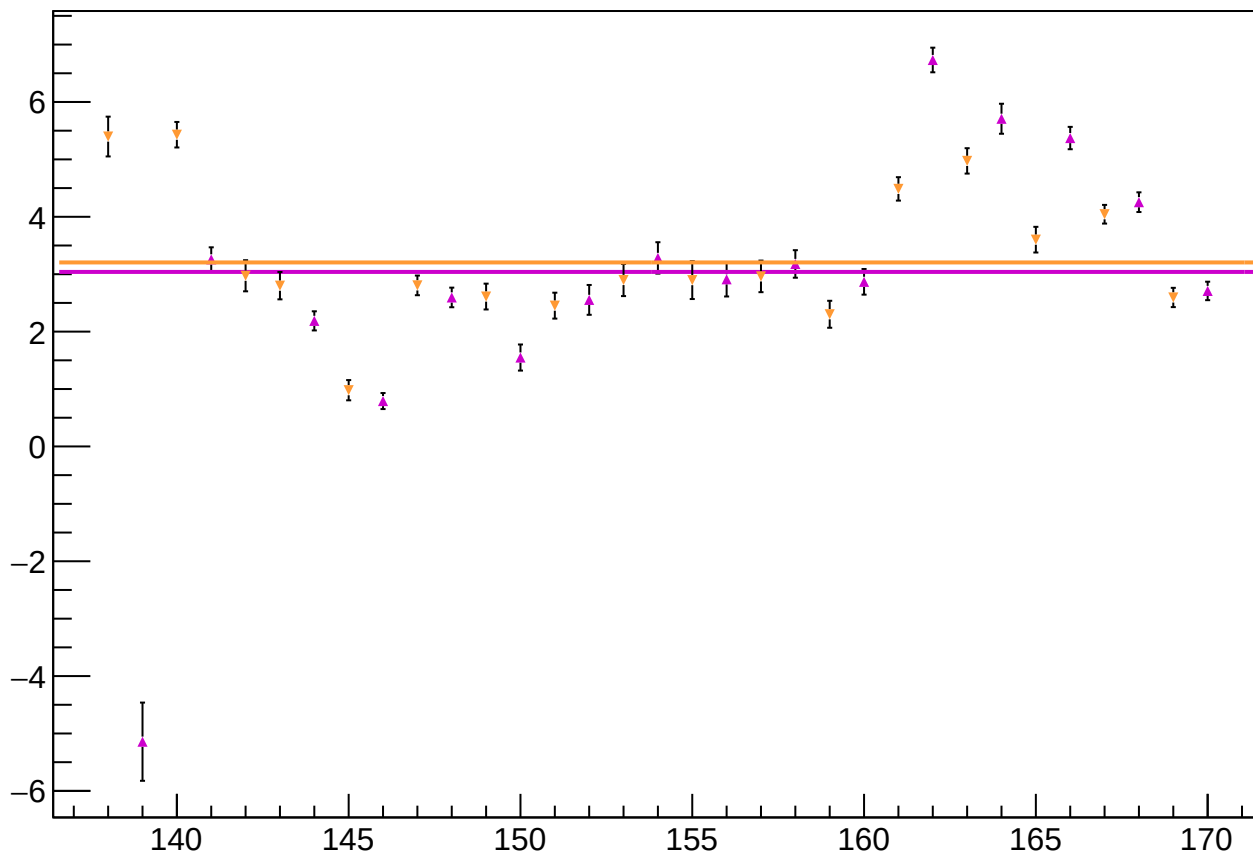
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.157+/-0.073 χ^2/NDF : 1853.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.872+/-0.070 χ^2/NDF : 1881.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.009+/-0.051 χ^2/NDF : 3742.7/32
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

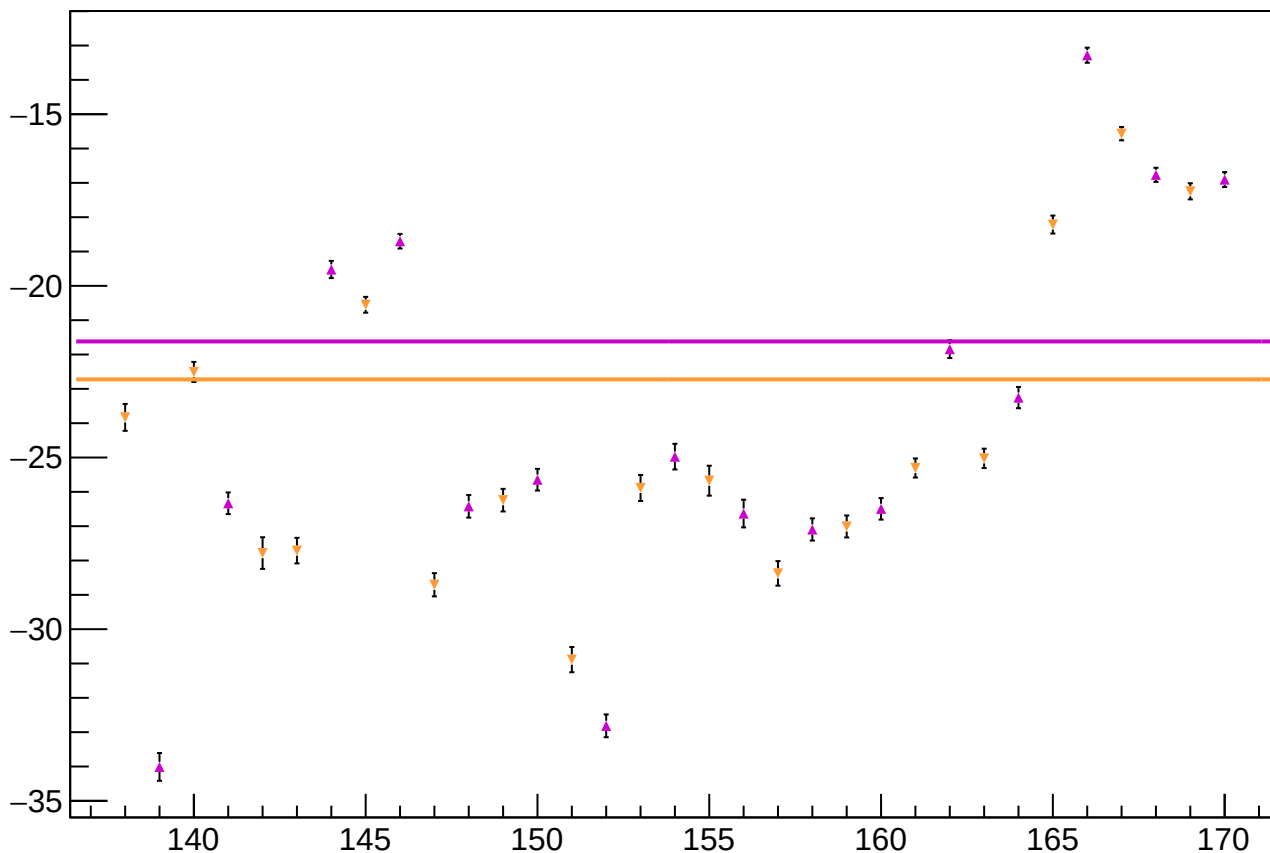
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.205 $\pm$ 0.053 χ^2 /NDF:490.8/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.040 $\pm$ 0.051 χ^2 /NDF:1084.6/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.120 $\pm$ 0.037 χ^2 /NDF: 1580.4/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -22.724 $\pm$ 0.073 χ^2 /NDF:4213.8/16

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

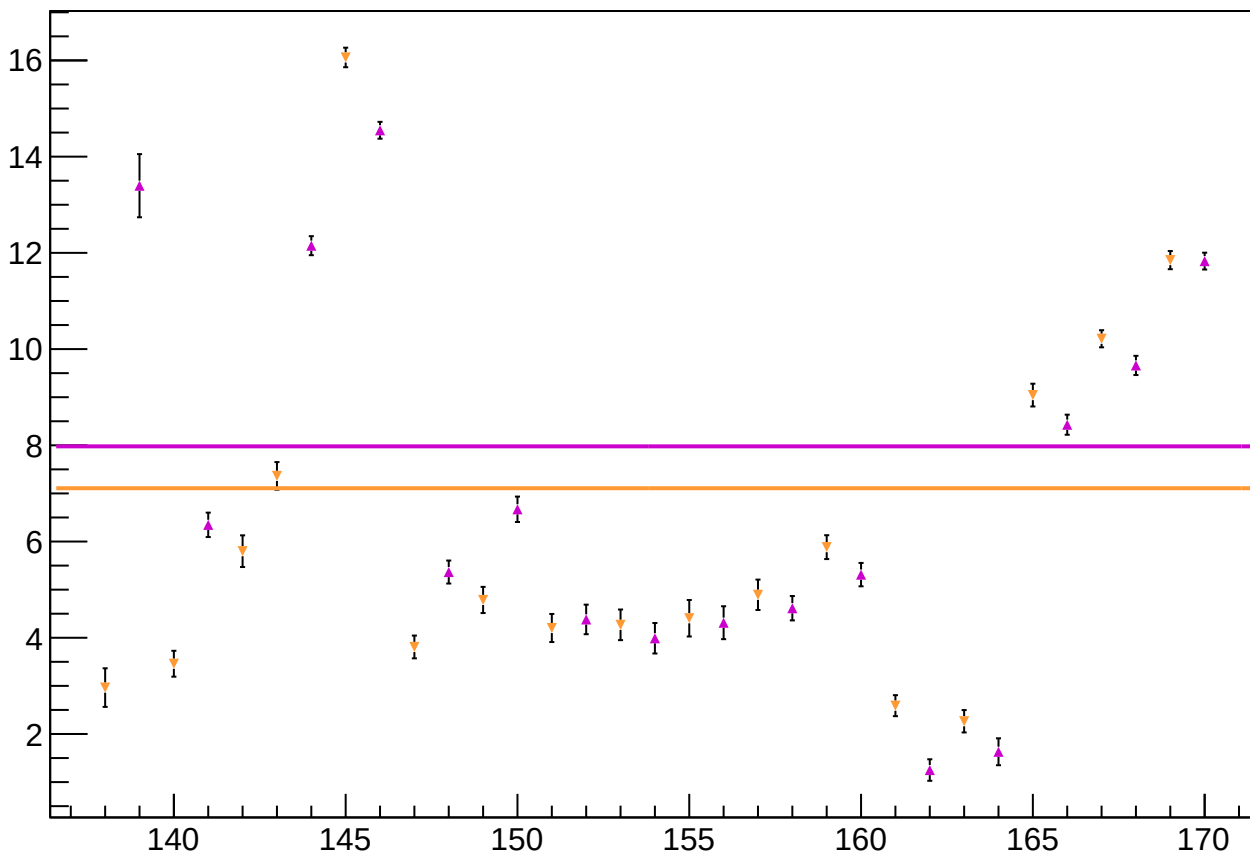
Left In: -21.619 $\pm$ 0.070 χ^2 /NDF:6193.0/15

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

All: -22.147 $\pm$ 0.050 χ^2 /NDF: 10527.3/32

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

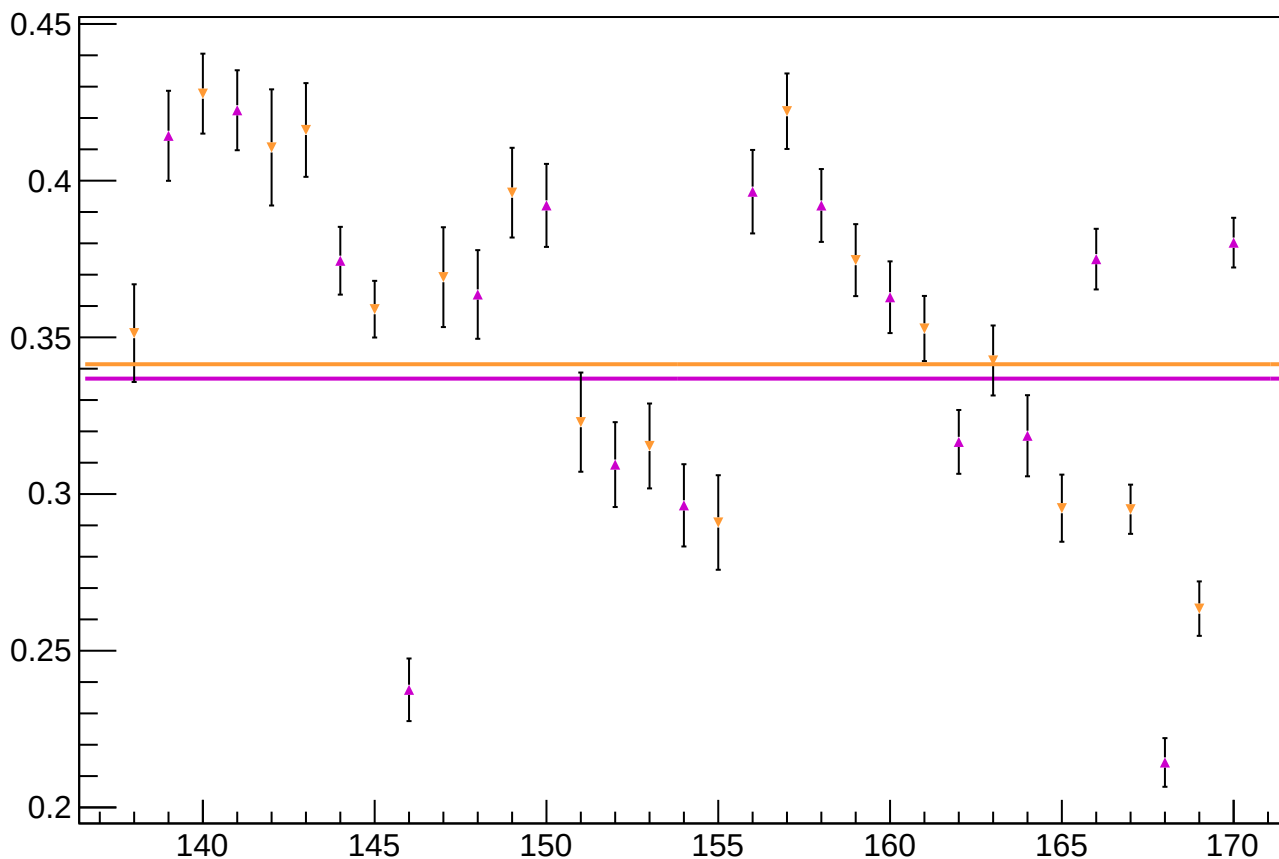
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.108 $\pm$ 0.061 χ^2 /NDF:4685.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.978 $\pm$ 0.059 χ^2 /NDF:4798.4/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 7.554 $\pm$ 0.043 χ^2 /NDF: 9588.4/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.341+/-0.003 χ^2/NDF : 311.1/16

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

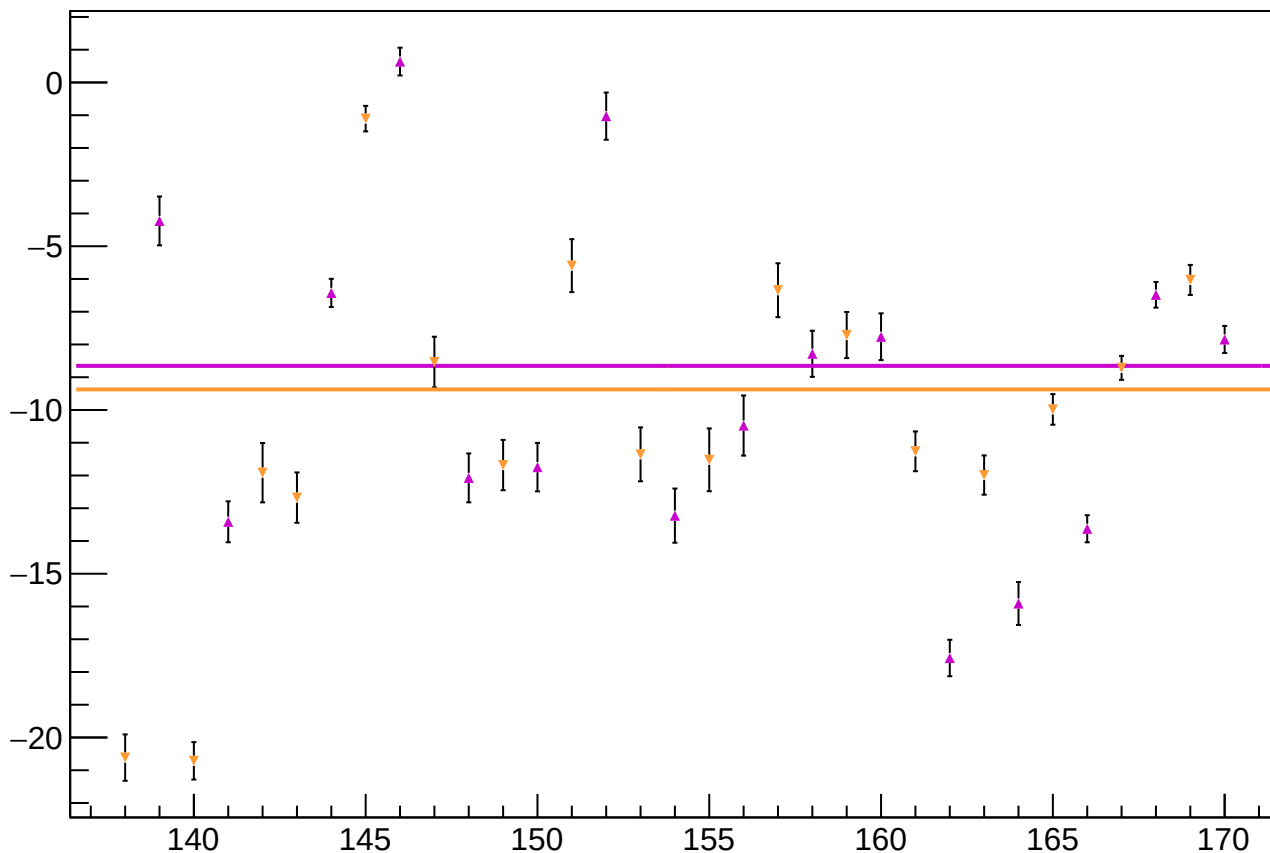
Left In: 0.337+/-0.003 χ^2/NDF : 567.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.339+/-0.002 χ^2/NDF : 879.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

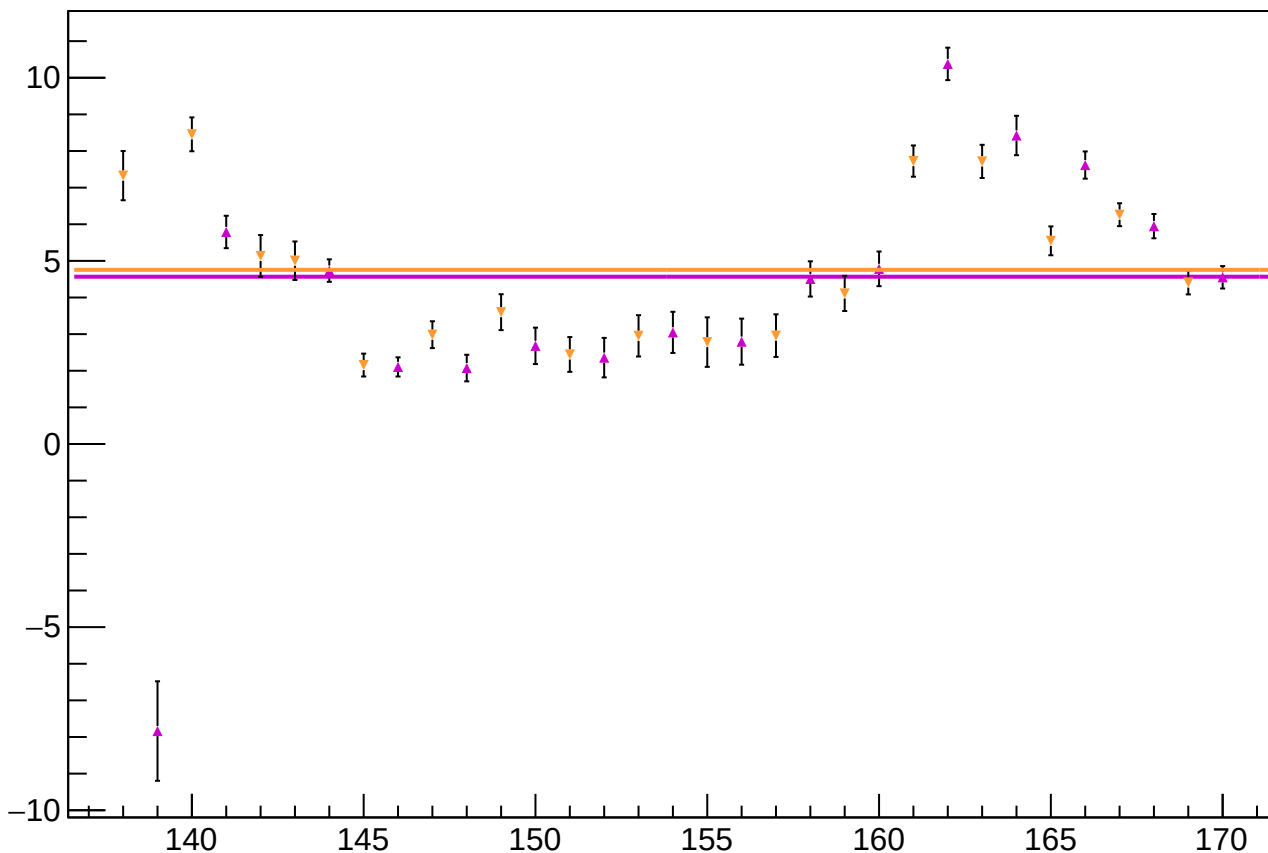
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.372 $\pm$ 0.145 χ^2/NDF :1269.9/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.653 $\pm$ 0.140 χ^2/NDF :1344.9/15

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -9.000 $\pm$ 0.100 χ^2/NDF : 2627.7/32
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 4.756 $\pm$ 0.106 χ^2 /NDF:351.0/16

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

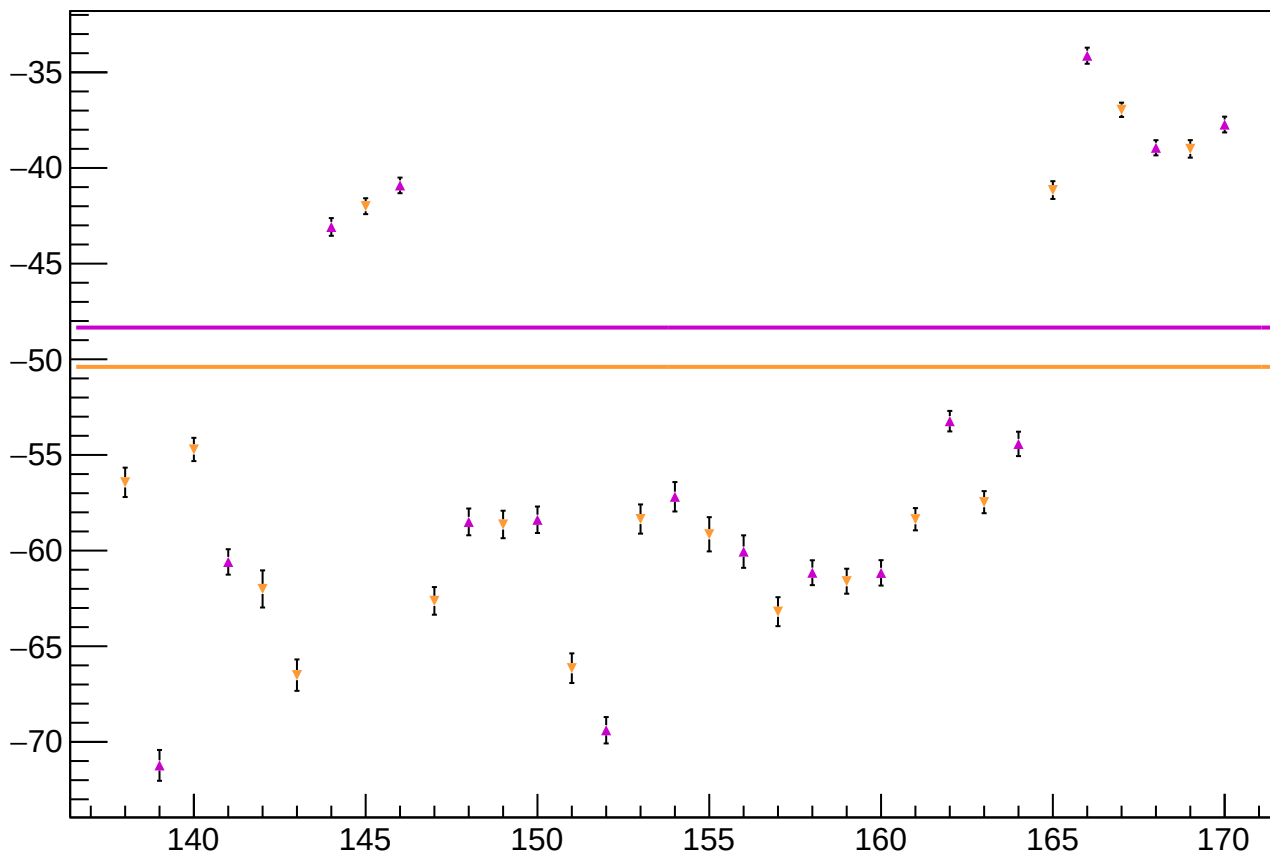
Left In: 4.568 $\pm$ 0.102 χ^2 /NDF:581.5/15

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

All: 4.658 $\pm$ 0.074 χ^2 /NDF: 934.1/32

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

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -50.397+/-0.145 χ^2/NDF : 5304.6/16

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

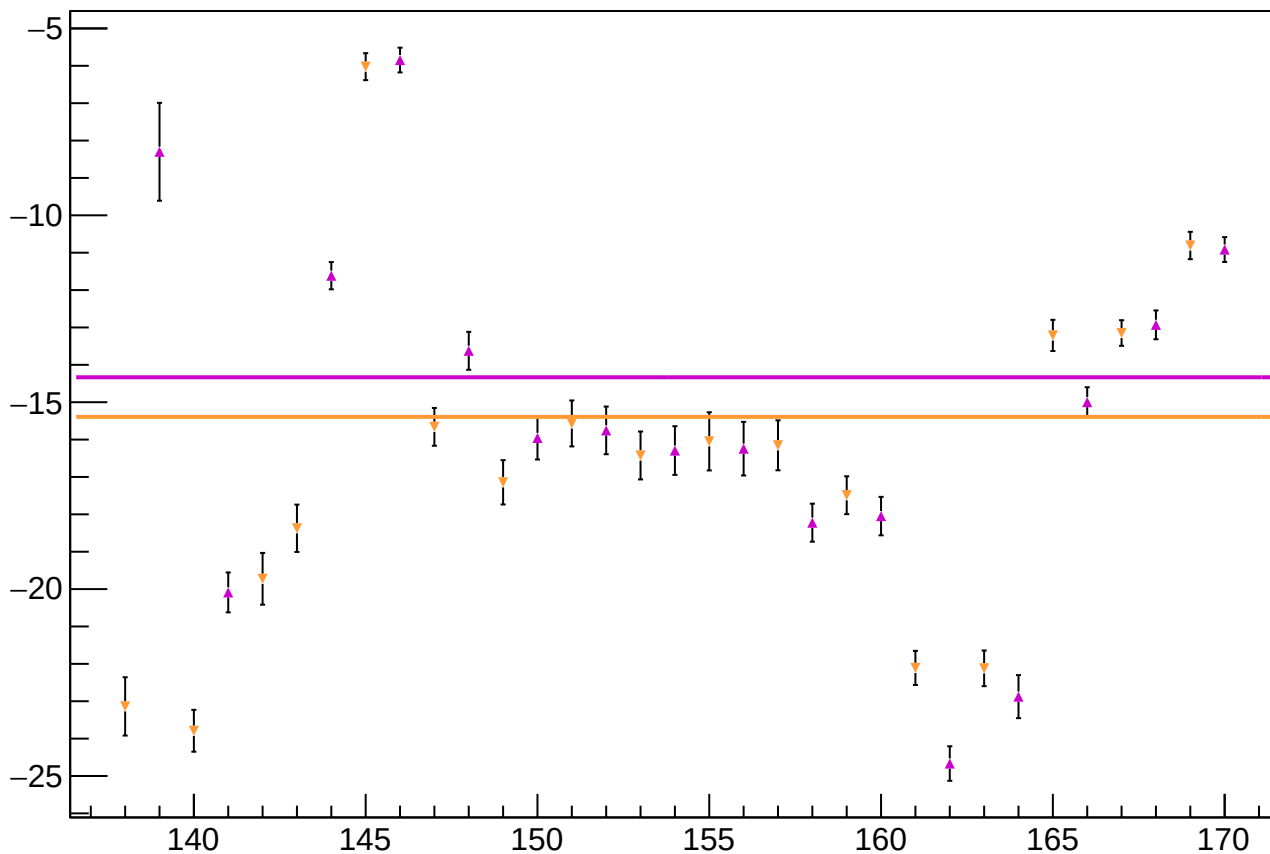
Left In: -48.342+/-0.138 χ^2/NDF : 6581.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.324+/-0.100 χ^2/NDF : 11991.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.392 $\pm$ 0.122 χ^2 /NDF:1732.8/16

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

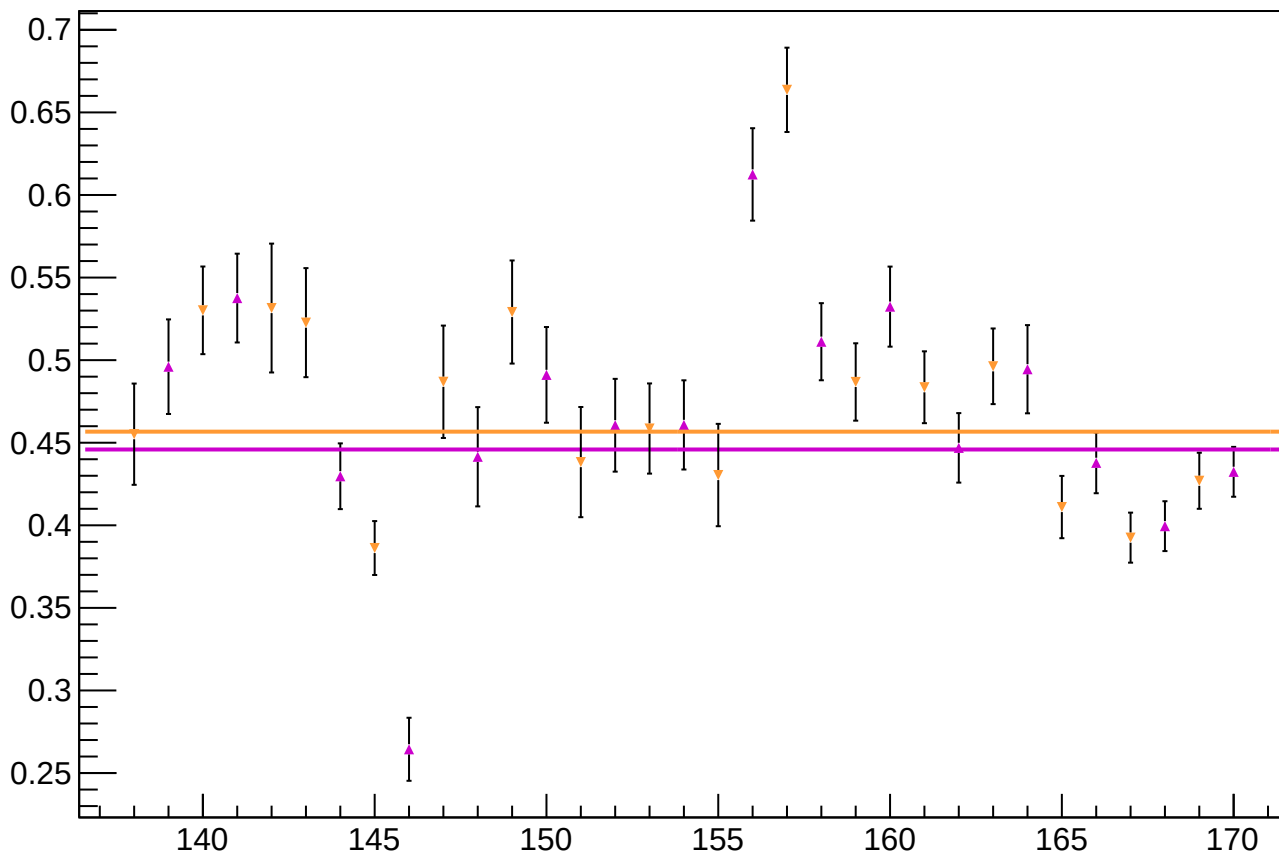
Left In: -14.333 $\pm$ 0.118 χ^2 /NDF:1833.9/15

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

All: -14.847 $\pm$ 0.085 χ^2 /NDF: 3605.7/32

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

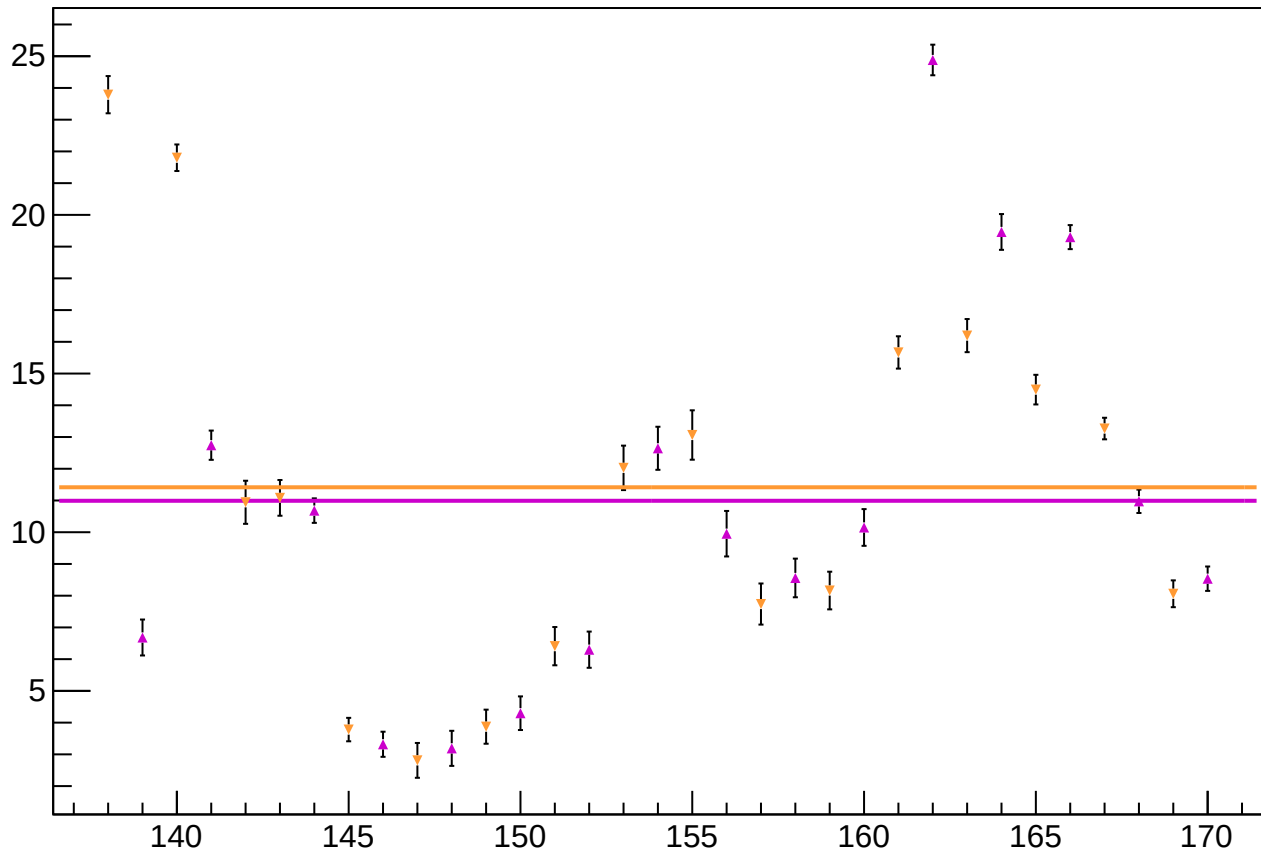
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.457 $\pm$ 0.006 χ^2/NDF :139.9/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.446 $\pm$ 0.006 χ^2/NDF :178.6/15

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.451 $\pm$ 0.004 χ^2/NDF : 320.4/32
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 11.416+/-0.123 χ^2/NDF :2358.2/16

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

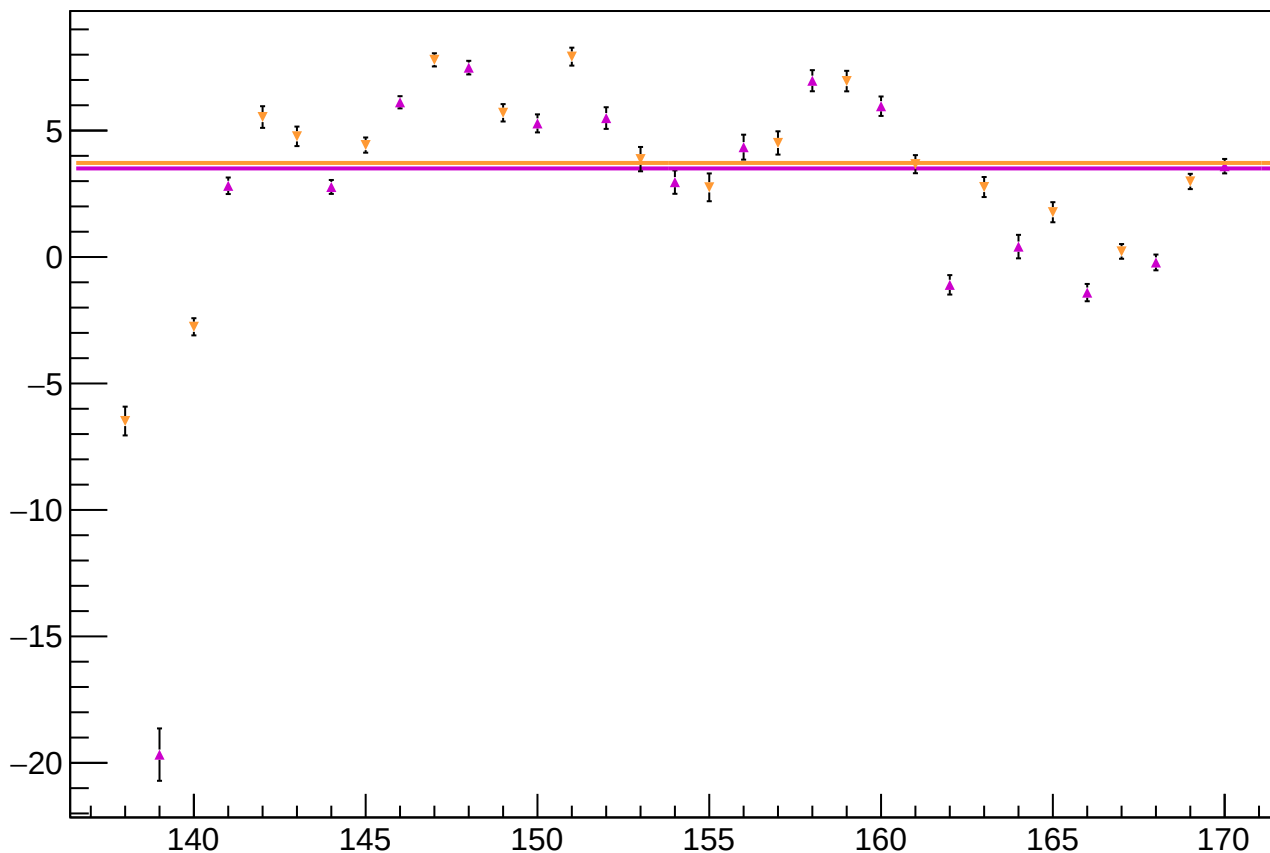
Left In: 10.991+/-0.120 χ^2/NDF :2479.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.199+/-0.086 χ^2/NDF : 4843.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 3.720 $\pm$ 0.088 χ^2 /NDF:1383.7/16

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

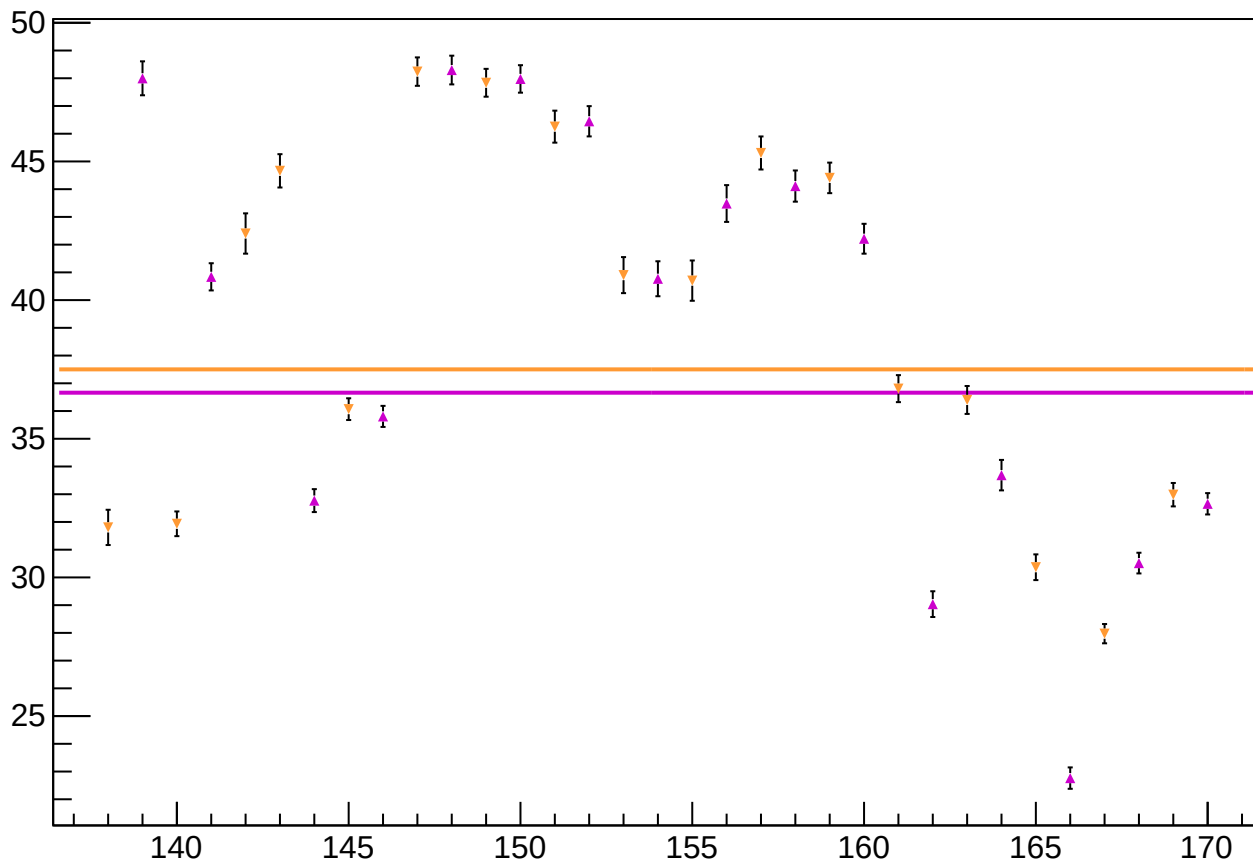
Left In: 3.502 $\pm$ 0.087 χ^2 /NDF:1545.3/15

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

All: 3.609 $\pm$ 0.062 χ^2 /NDF: 2932.1/32

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

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 37.502+/-0.123 χ^2/NDF :3014.6/16

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

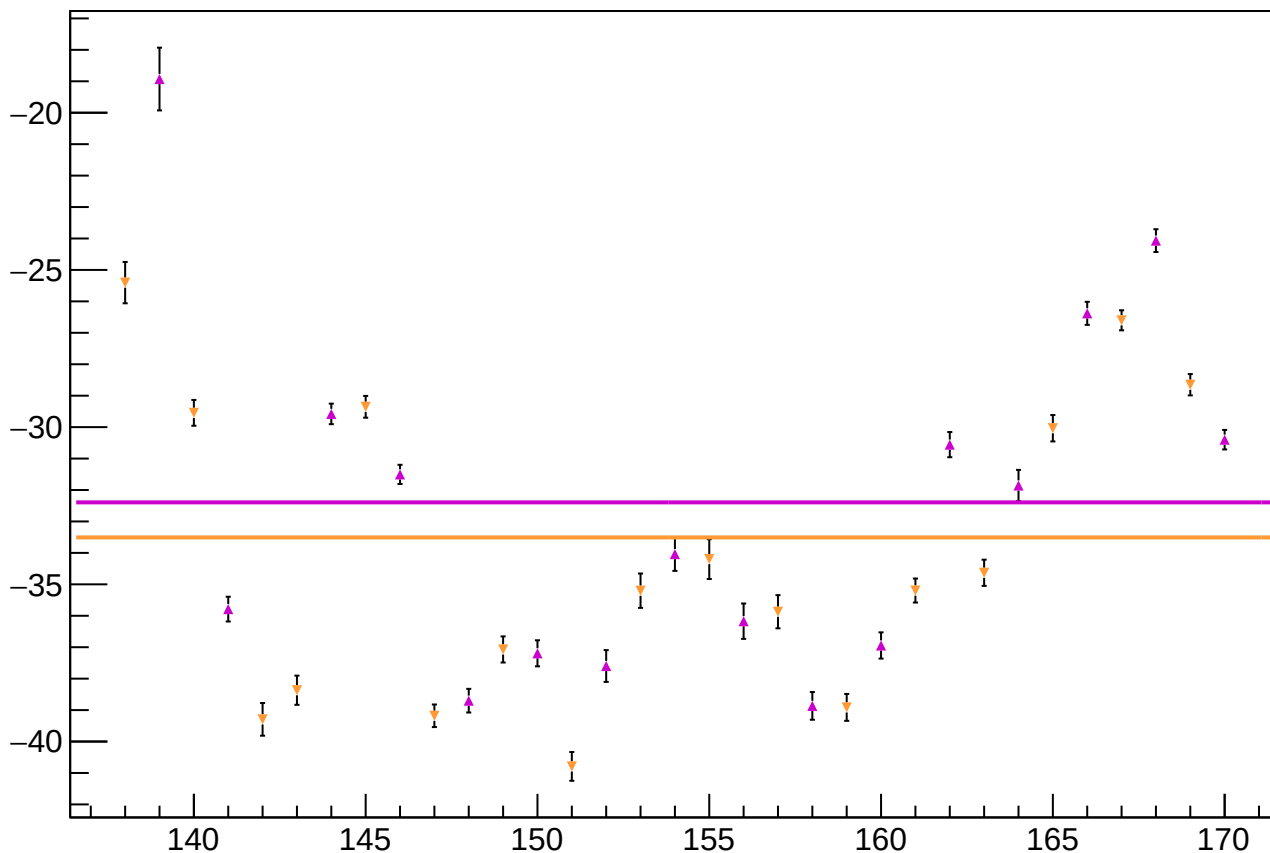
Left In: 36.661+/-0.119 χ^2/NDF :4263.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.069+/-0.085 χ^2/NDF : 7302.0/32

- 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: -33.508+/-0.103 χ^2/NDF : 2160.2/16

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

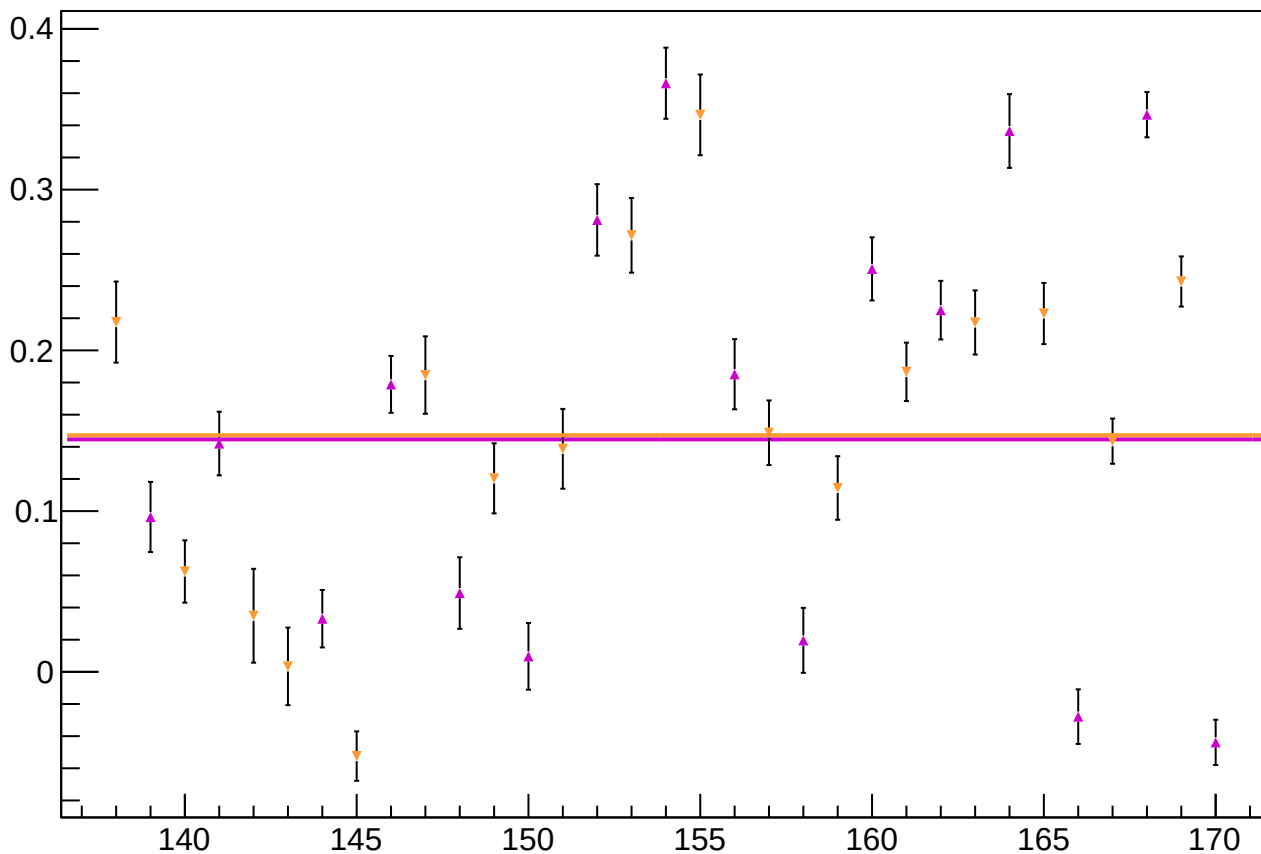
Left In: -32.393+/-0.101 χ^2/NDF : 2109.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.943+/-0.072 χ^2/NDF : 4330.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

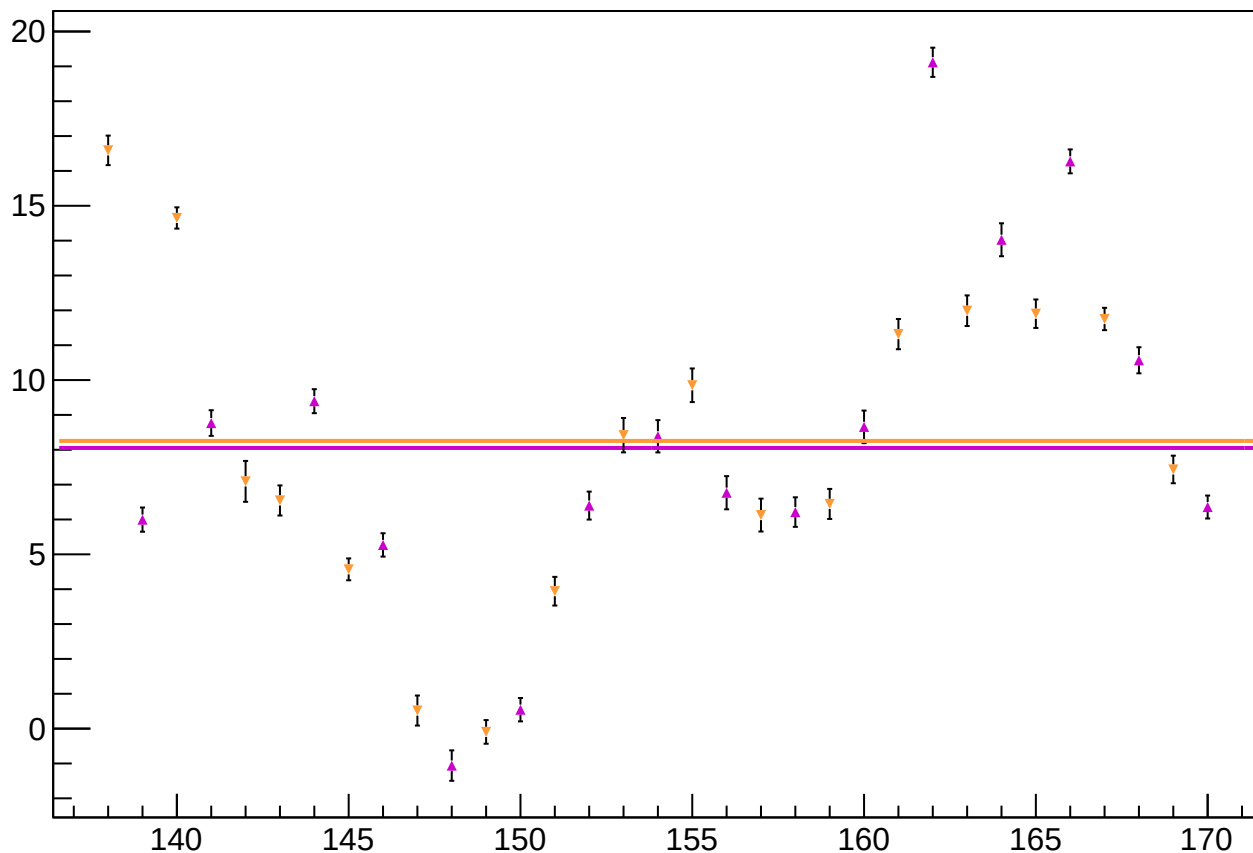
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.147 $\pm$ 0.005 χ^2 /NDF:414.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.145 $\pm$ 0.005 χ^2 /NDF:895.1/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.146 $\pm$ 0.003 χ^2 /NDF: 1309.8/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

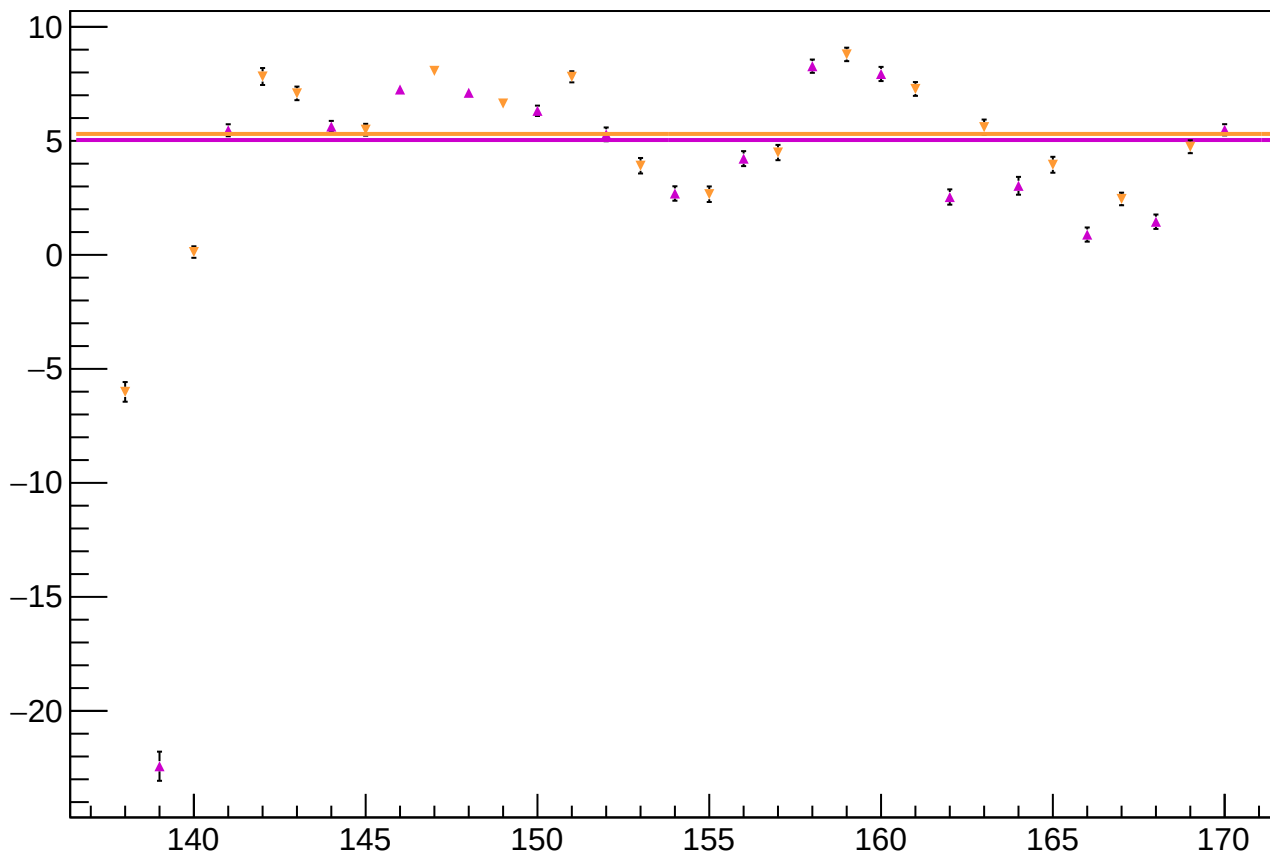
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.254+/-0.097 χ^2/NDF :2396.0/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.052+/-0.096 χ^2/NDF :2606.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.152+/-0.068 χ^2/NDF : 5004.9/32
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

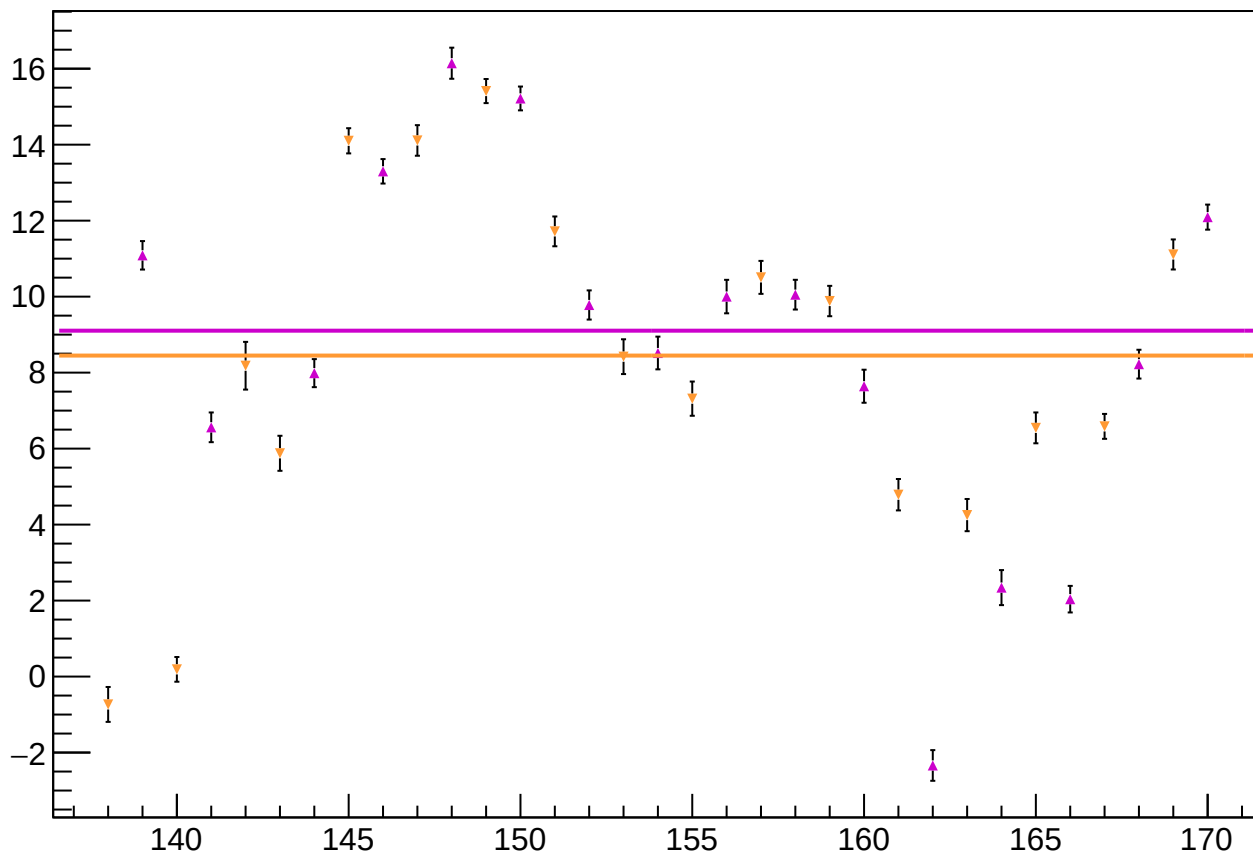
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.304 $\pm$ 0.070 χ^2 /NDF:1900.9/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.172 $\pm$ 0.050 χ^2 /NDF: 4659.3/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

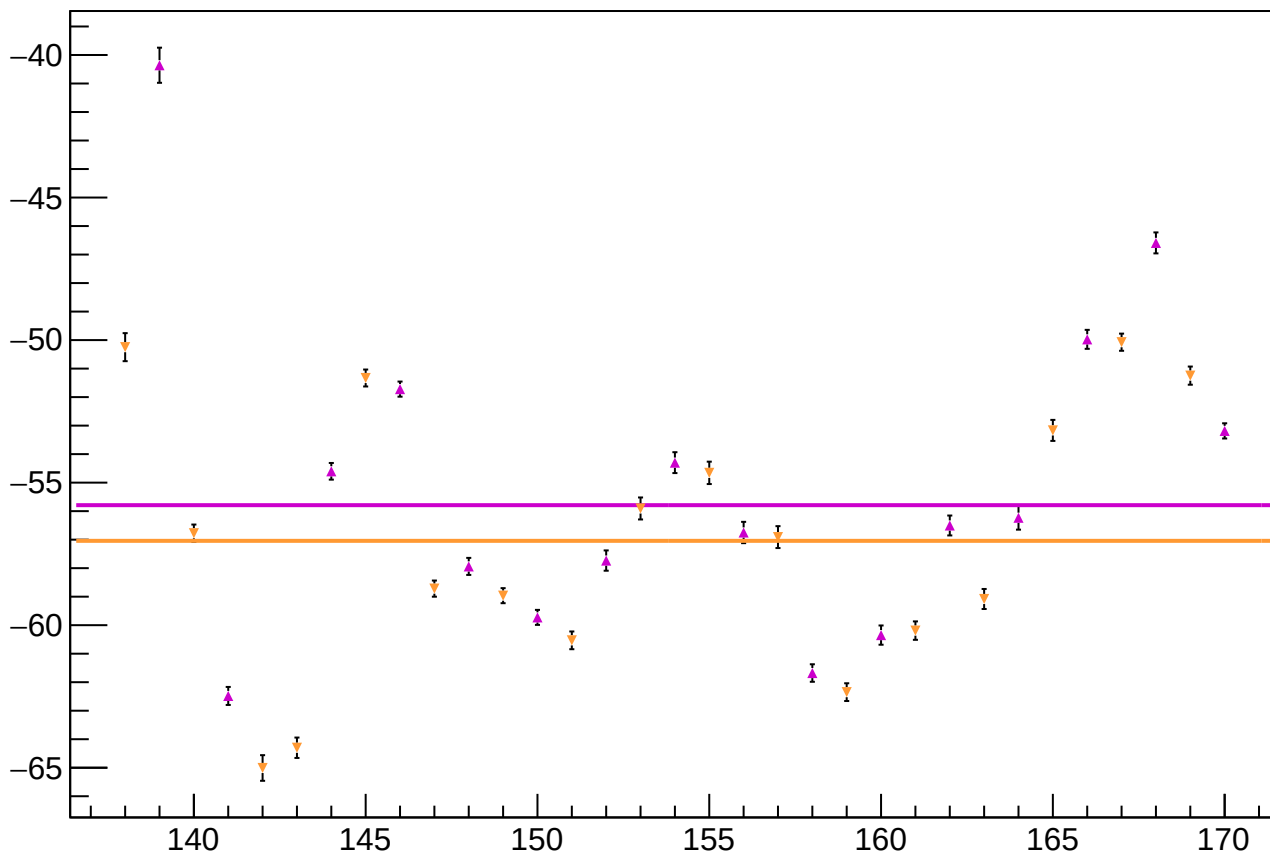
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.449 $\pm$ 0.096 χ^2 /NDF:2433.0/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.104 $\pm$ 0.095 χ^2 /NDF:2465.9/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.782 $\pm$ 0.068 χ^2 /NDF: 4922.4/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.042+/-0.081 χ^2/NDF : 2943.7/16

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

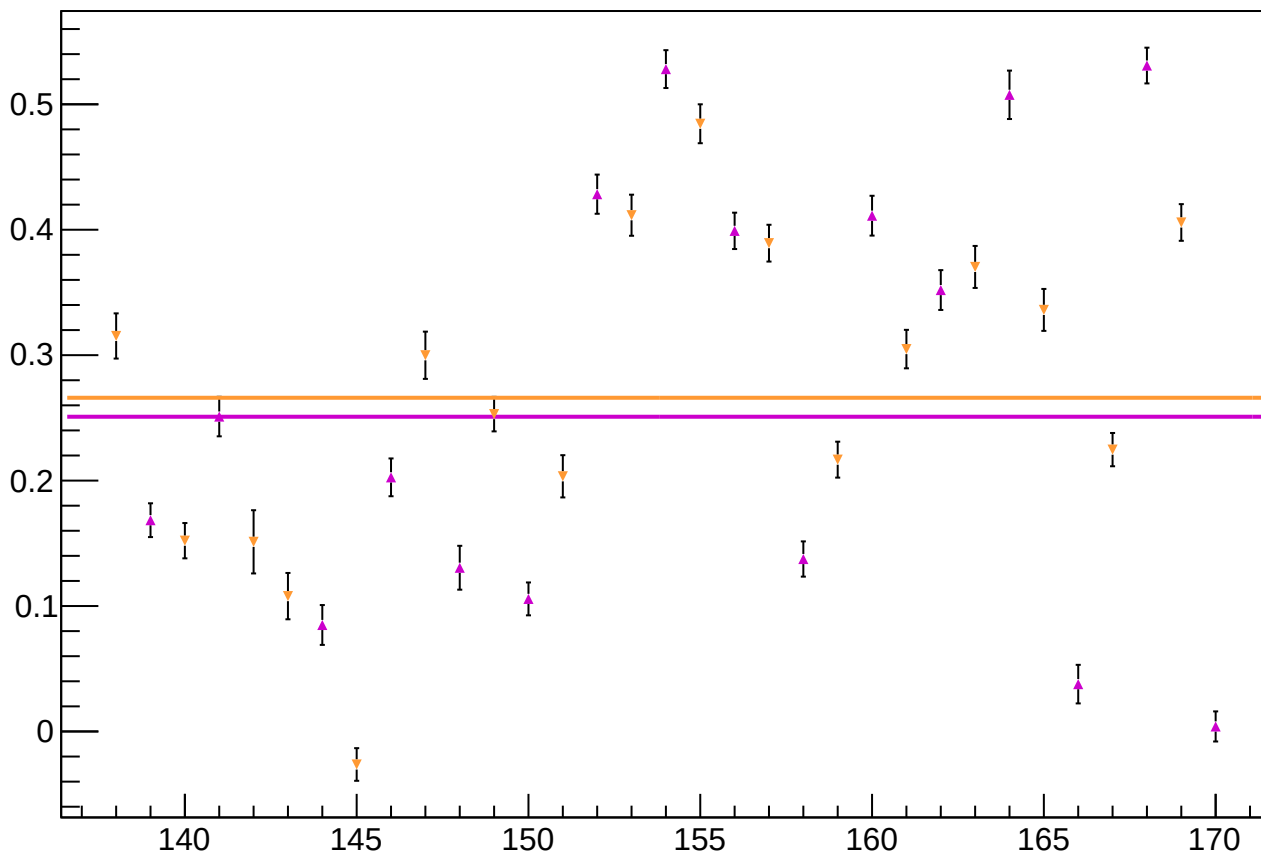
Left In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.420+/-0.057 χ^2/NDF : 6300.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

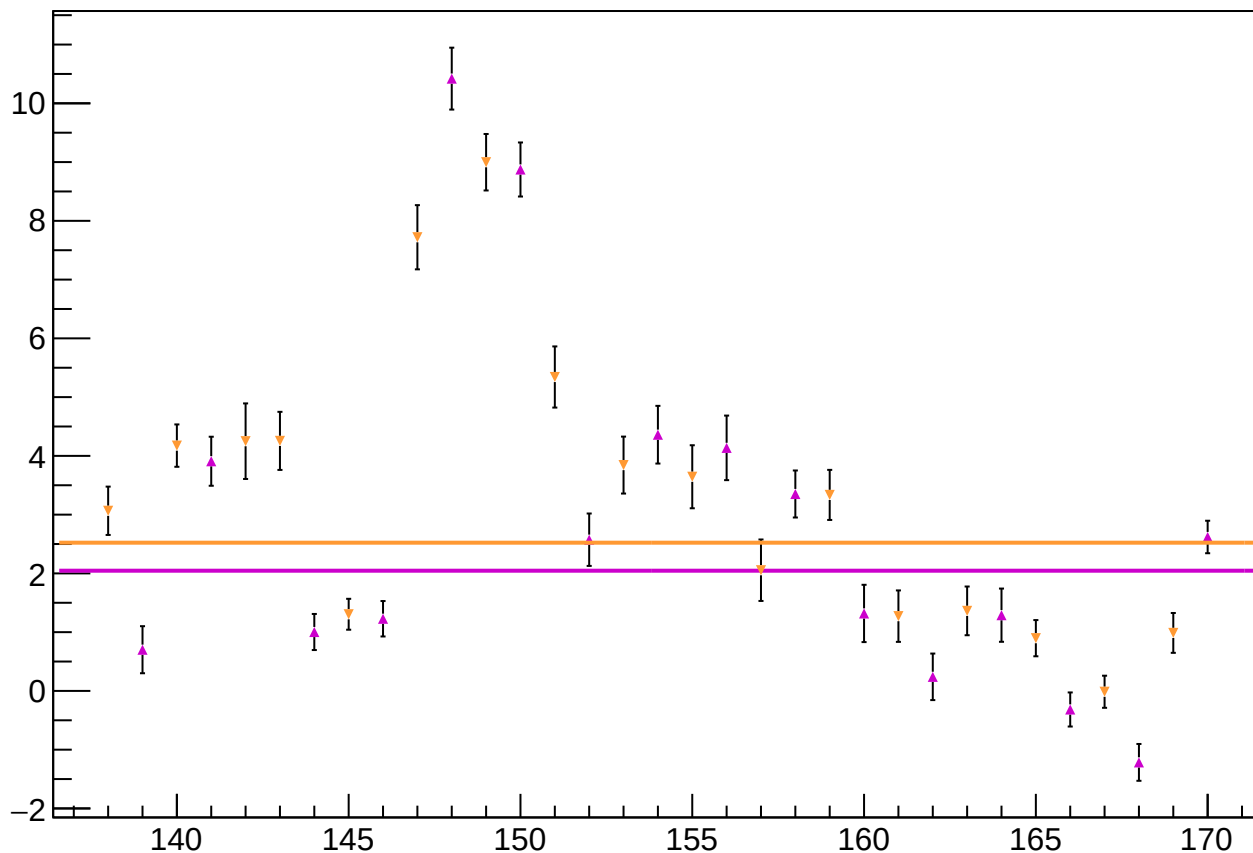
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.266 $\pm$ 0.004 χ^2 /NDF:1213.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.251 $\pm$ 0.004 χ^2 /NDF:2284.1/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.258 $\pm$ 0.003 χ^2 /NDF: 3505.6/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

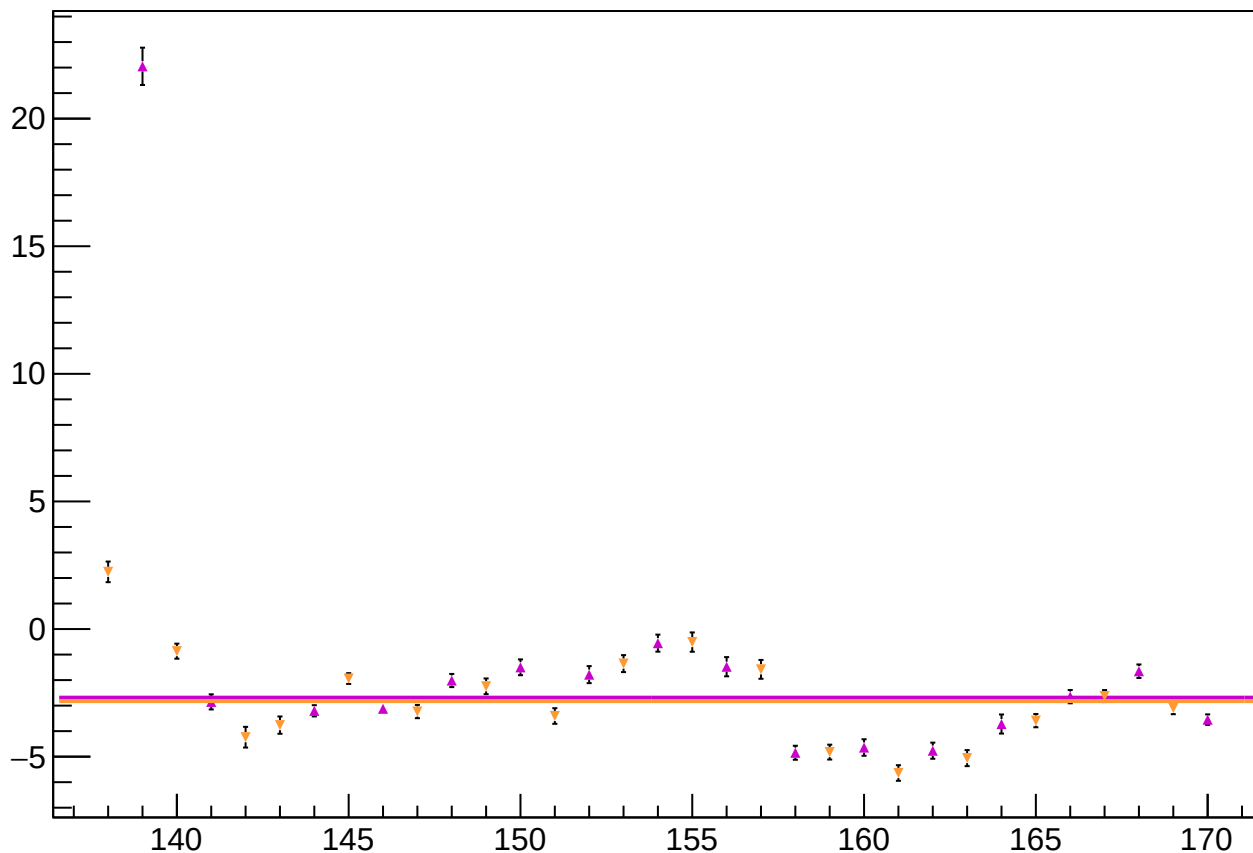
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.523+/-0.097 χ^2/NDF : 531.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.046+/-0.095 χ^2/NDF : 776.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.279+/-0.068 χ^2/NDF : 1321.1/32
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

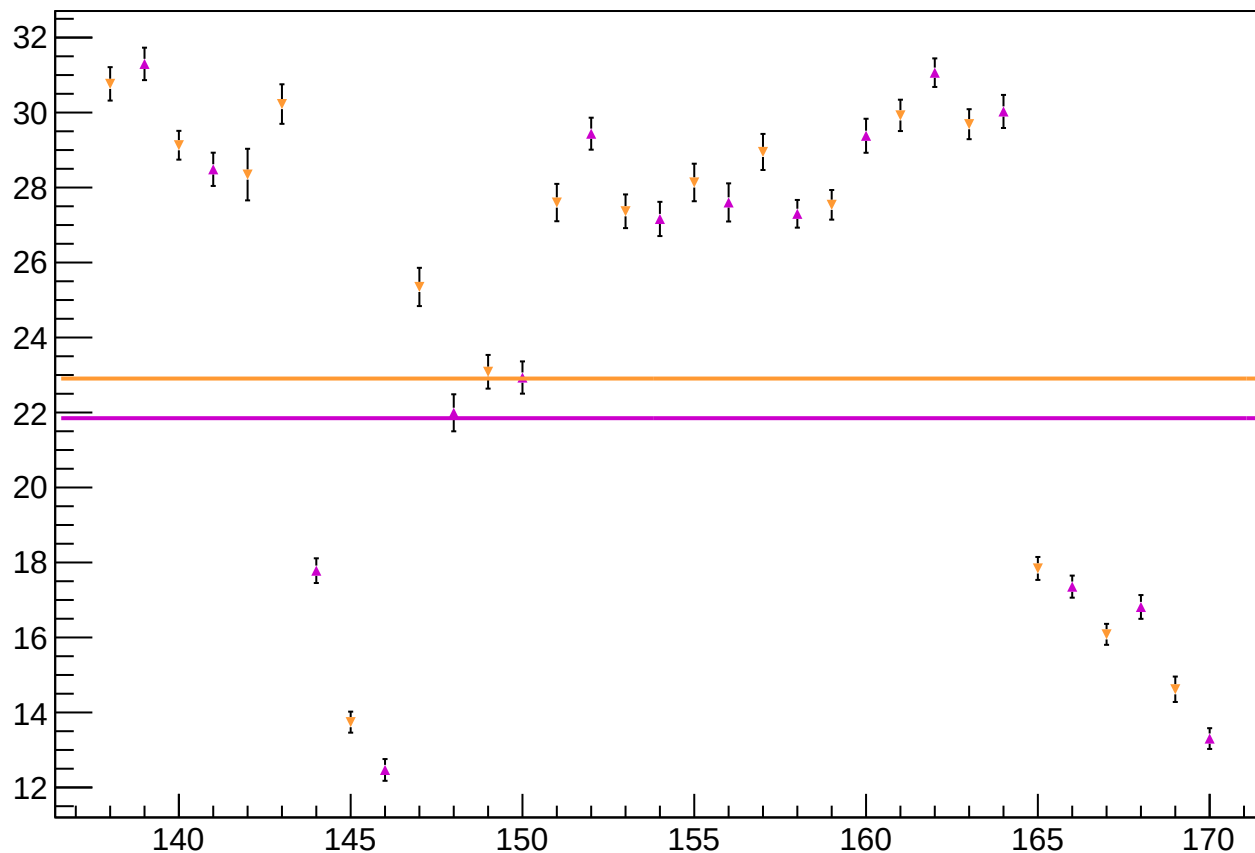
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.823 $\pm$ 0.071 χ^2 /NDF:509.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.689 $\pm$ 0.070 χ^2 /NDF:1418.0/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.754 $\pm$ 0.050 χ^2 /NDF: 1929.1/32
 - sign 0.000 $\pm$ 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: 22.906+/-0.097 χ^2/NDF : 4548.7/16

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

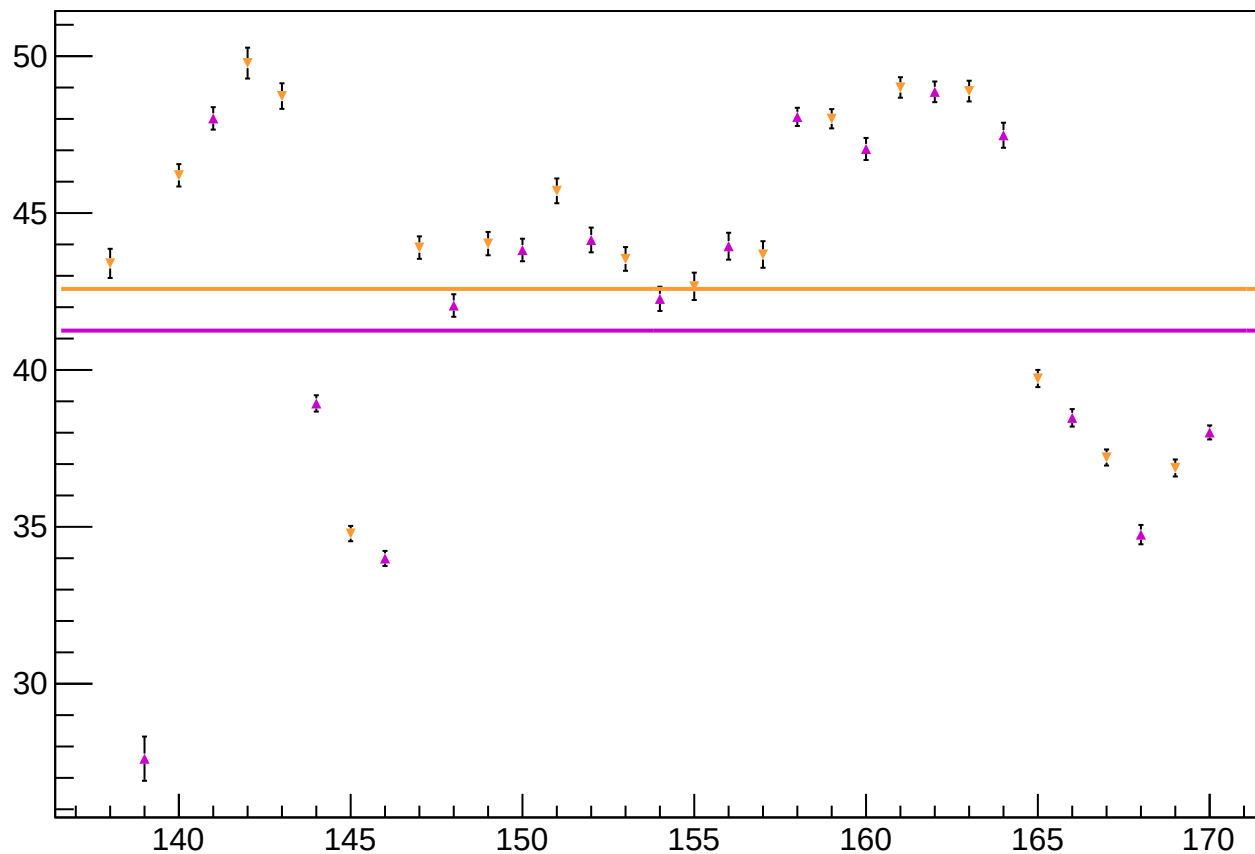
Left In: 21.848+/-0.094 χ^2/NDF : 5343.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.360+/-0.067 χ^2/NDF : 9954.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 42.583+/-0.082 χ^2/NDF : 3724.6/16

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

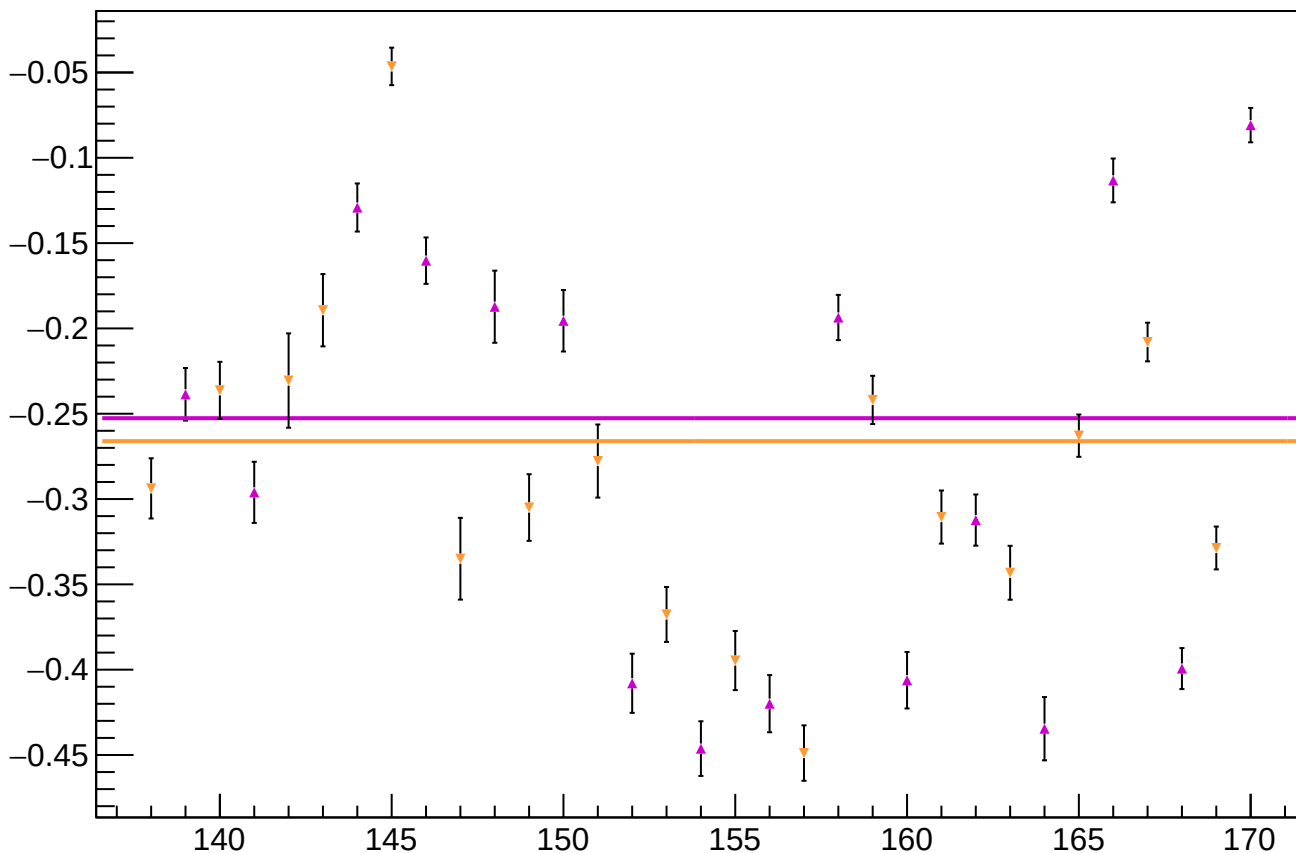
Left In: 41.254+/-0.080 χ^2/NDF : 4235.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.908+/-0.057 χ^2/NDF : 8094.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

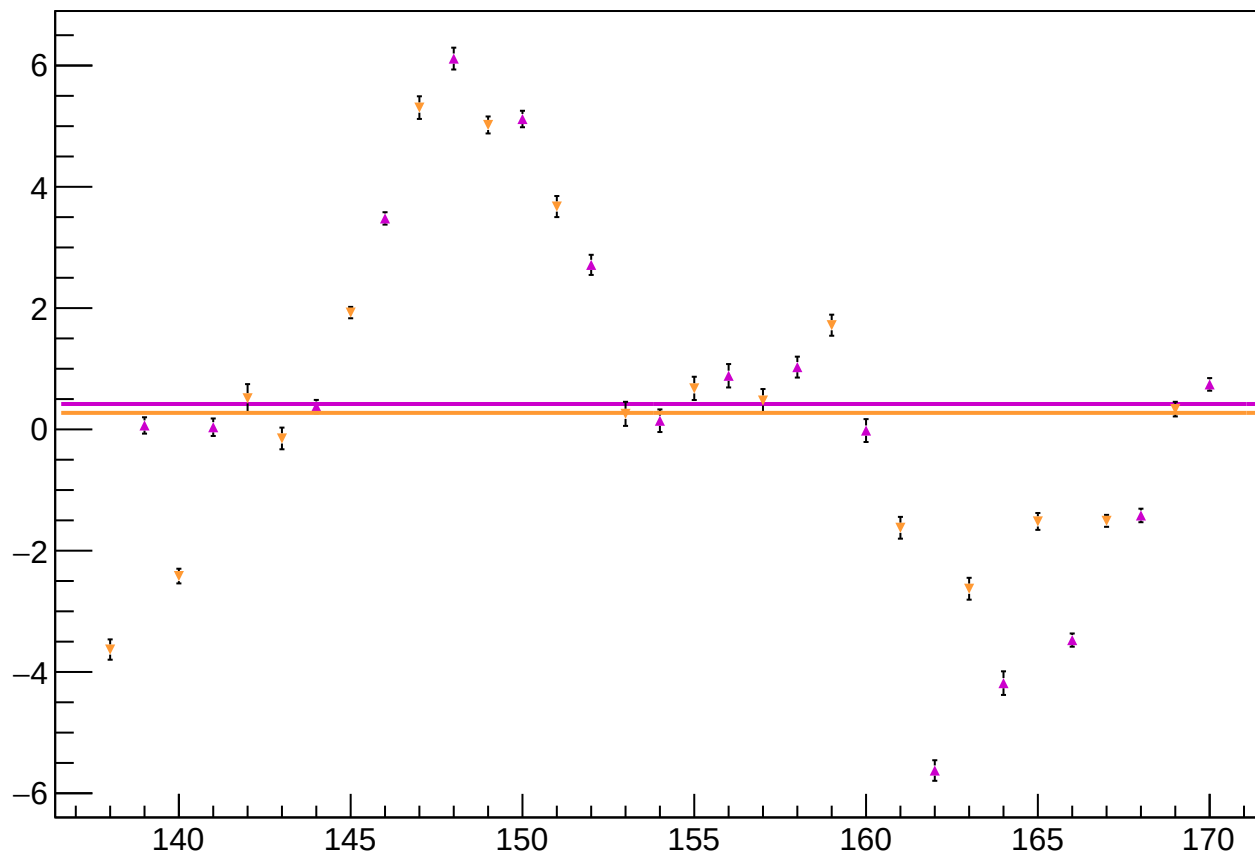
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.266+/-0.004 χ^2/NDF : 740.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.253+/-0.004 χ^2/NDF : 1250.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.259+/-0.003 χ^2/NDF : 1997.7/32
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

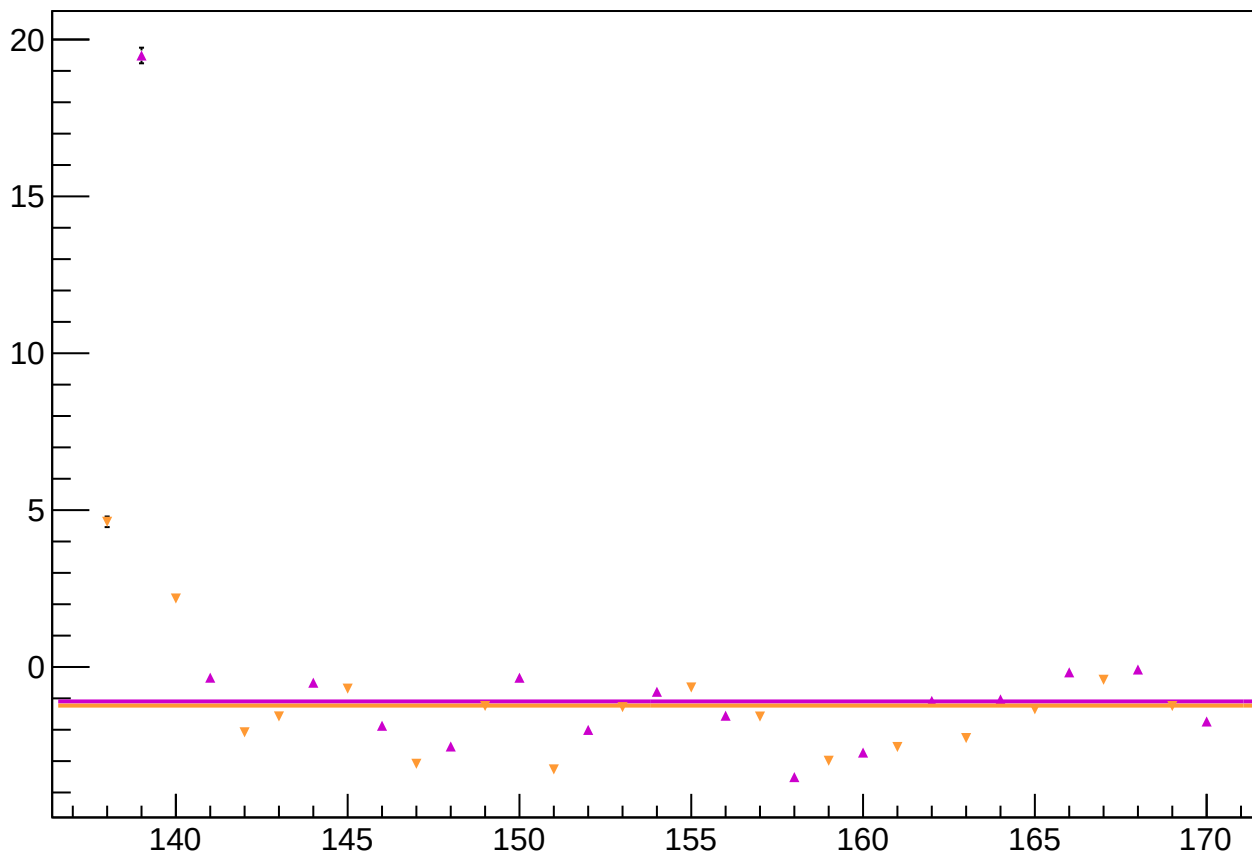
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.272+/-0.036 χ^2/NDF :4551.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.419+/-0.035 χ^2/NDF :6709.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.348+/-0.025 χ^2/NDF : 11269.5/32
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

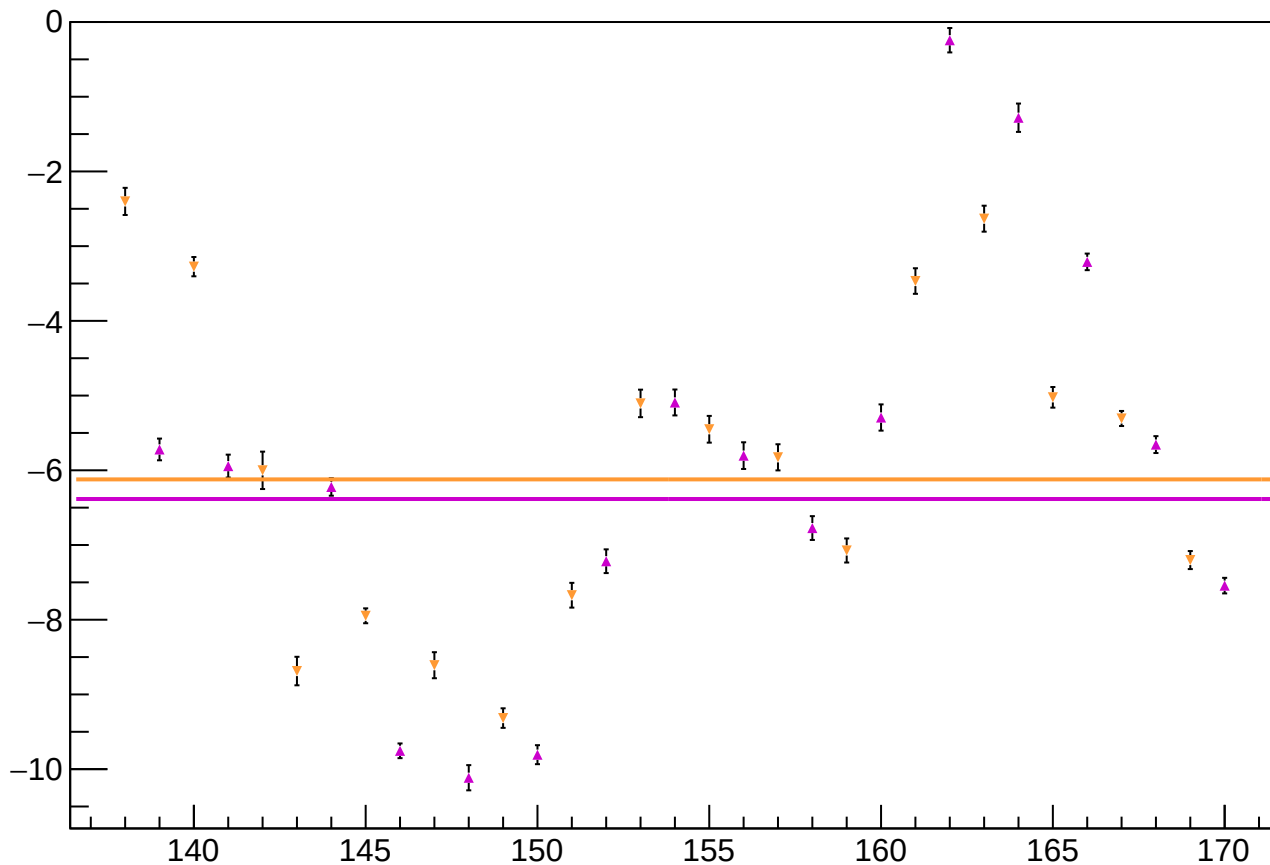
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.231 $\pm$ 0.026 χ^2 /NDF:3779.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.098 $\pm$ 0.026 χ^2 /NDF:8327.9/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -1.163 $\pm$ 0.018 χ^2 /NDF: 12120.4/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

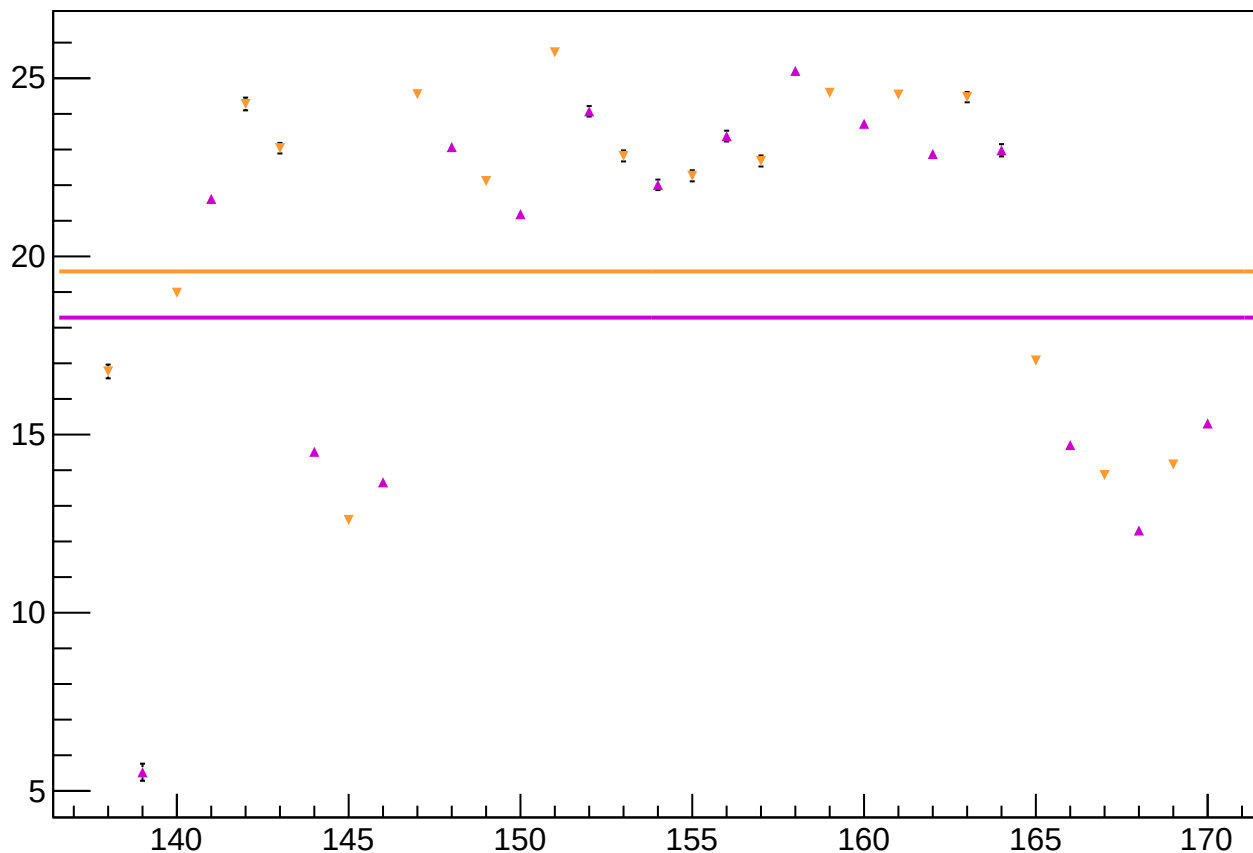
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.122 $\pm$ 0.036 χ^2 /NDF:3244.5/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.259 $\pm$ 0.025 χ^2 /NDF: 8947.4/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 19.578 $\pm$ 0.030 χ^2 /NDF:24689.4/16

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

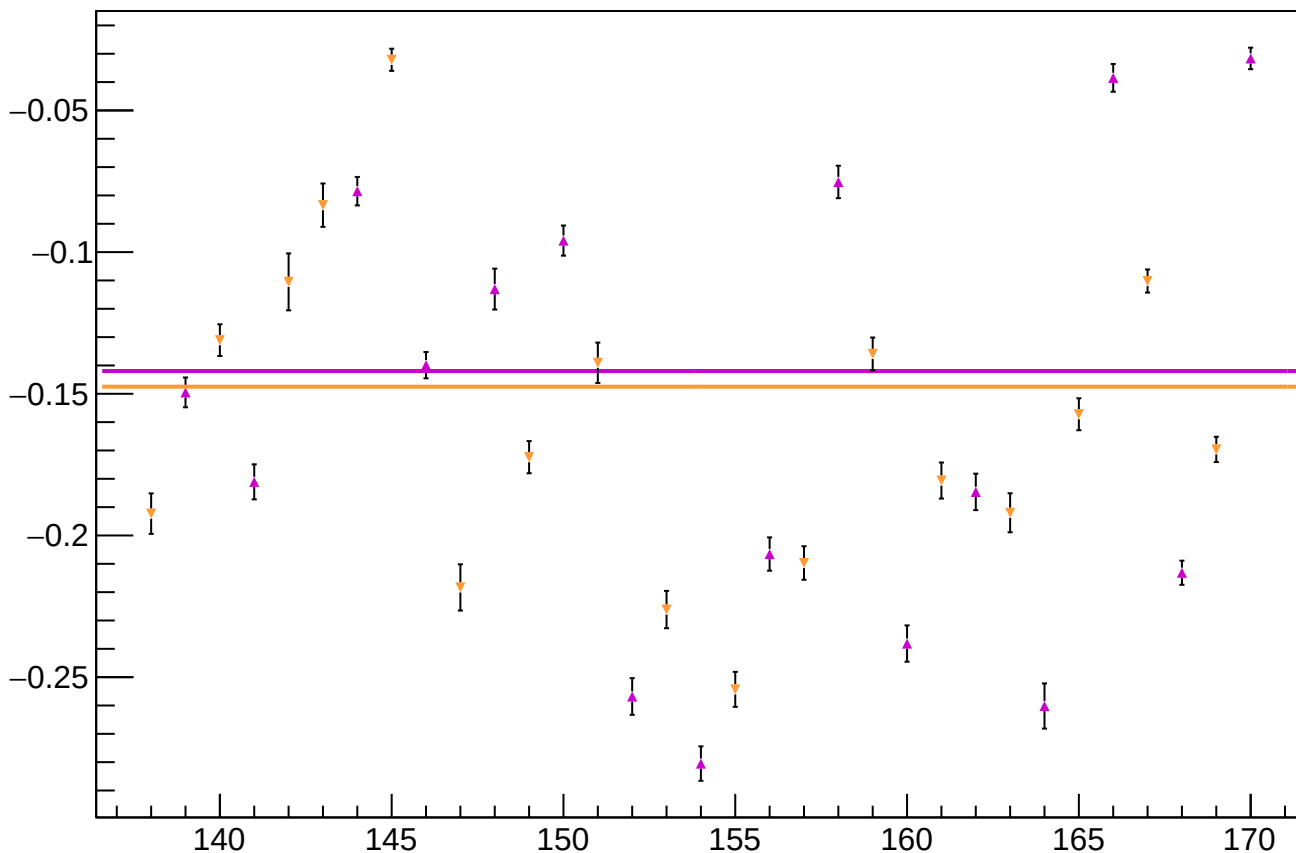
Left In: 18.282 $\pm$ 0.029 χ^2 /NDF:25720.8/15

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

All: 18.912 $\pm$ 0.021 χ^2 /NDF: 51349.2/32

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

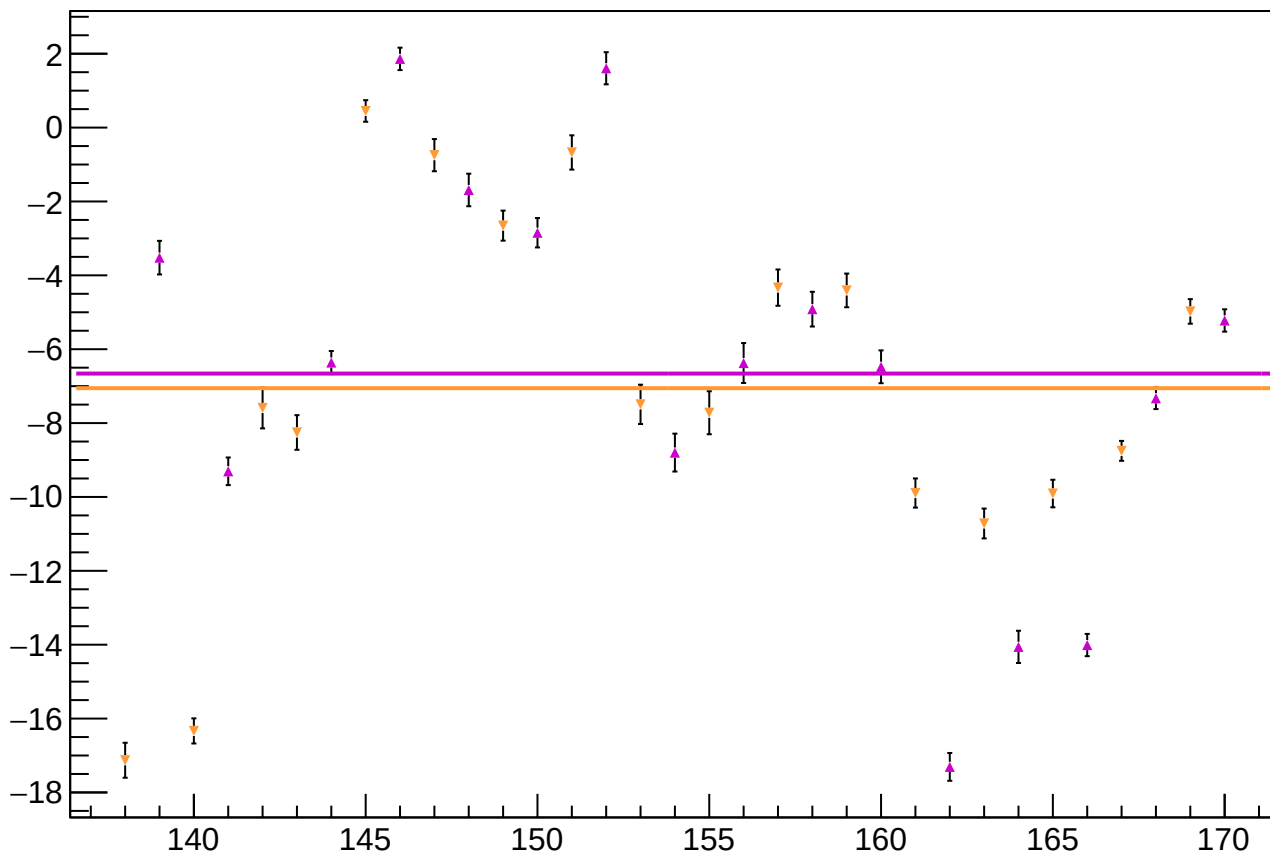
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.147+/-0.001 χ^2/NDF :1835.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.142+/-0.001 χ^2/NDF :3444.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.145+/-0.001 χ^2/NDF : 5287.8/32
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

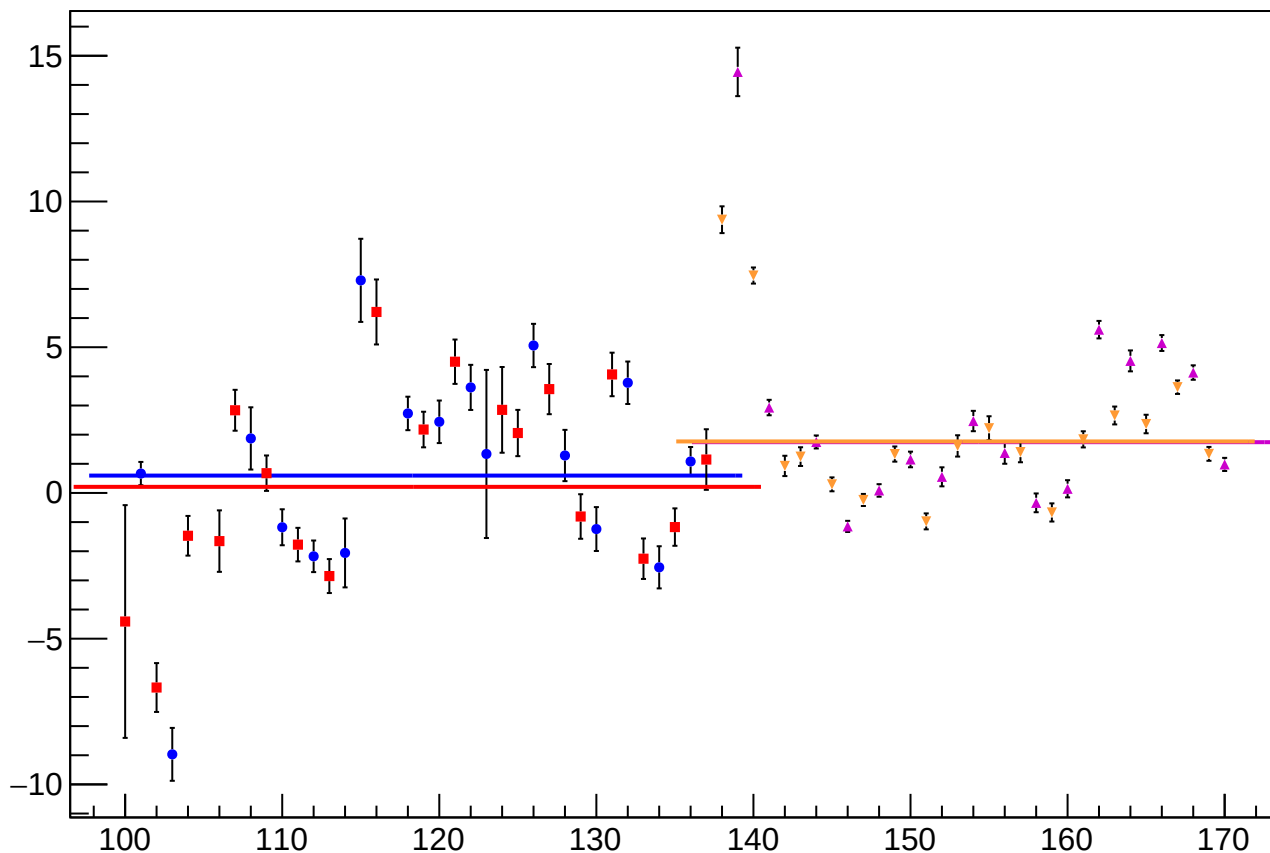
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.055+/-0.097 χ^2/NDF :2718.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.660+/-0.094 χ^2/NDF :3208.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.852+/-0.068 χ^2/NDF : 5935.6/32
 - 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: 1.768 ± 0.070 χ^2/NDF : 1085.9/16

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

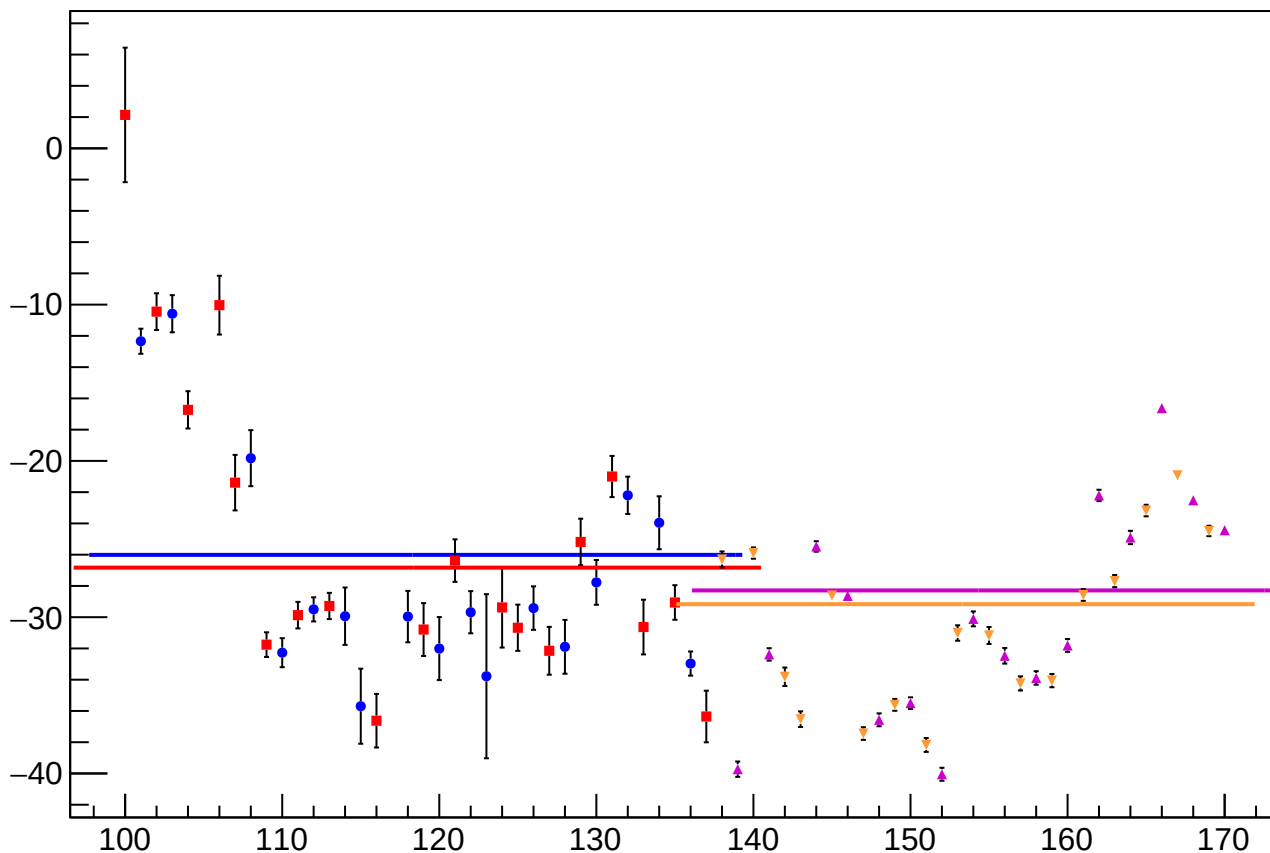
Left In: 1.742 ± 0.069 χ^2/NDF : 1122.1/15

+ sign 1.598 ± 0.064 χ^2/NDF : 1418.2/33

All: 1.567 ± 0.045 χ^2/NDF : 2881.0/68

- sign 1.537 ± 0.064 χ^2/NDF : 1462.4/34

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -29.166 ± 0.096 χ^2/NDF : 3162.4/16

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

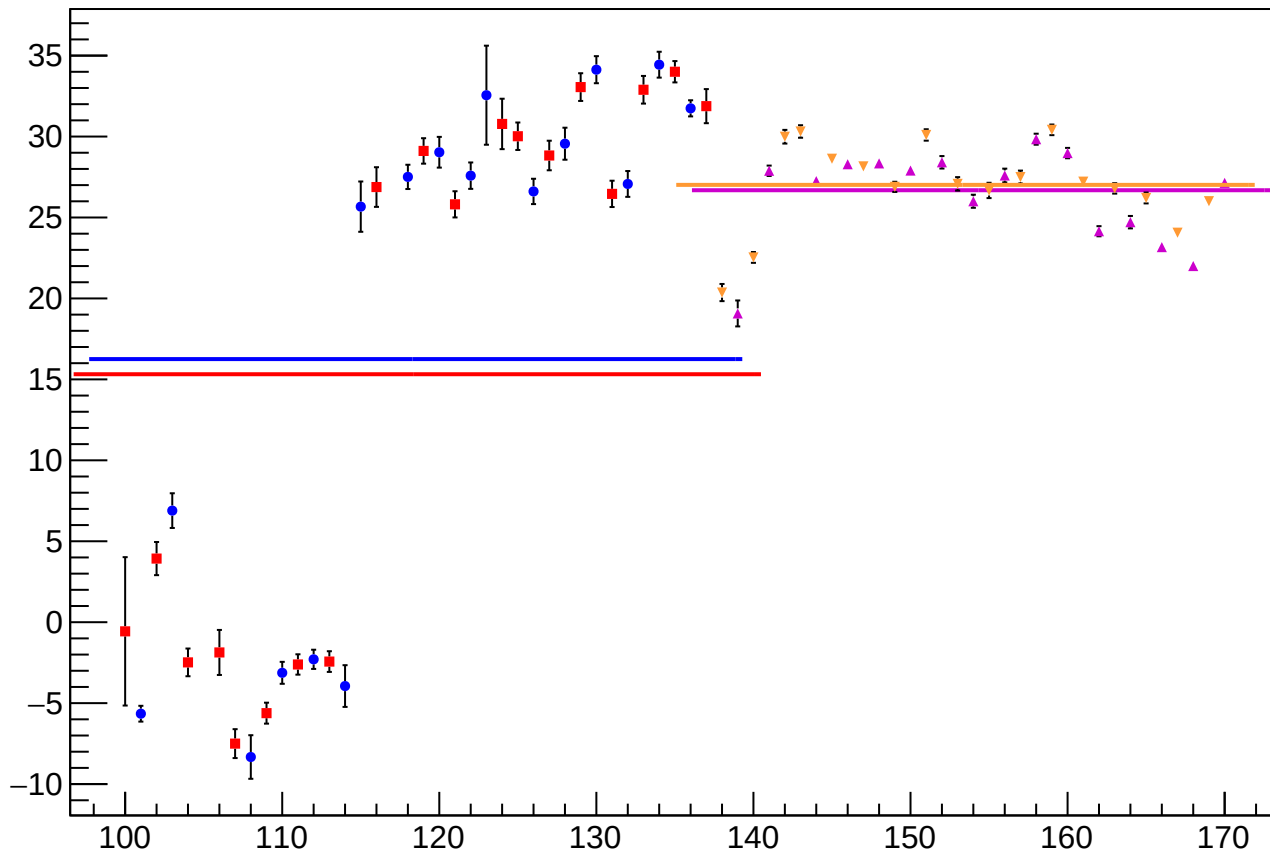
Left In: -28.287 ± 0.093 χ^2/NDF : 4943.6/15

+ sign -28.871 ± 0.092 χ^2/NDF : 3955.8/33

All: -28.502 ± 0.064 χ^2/NDF : 9534.1/68

- sign -28.157 ± 0.089 χ^2/NDF : 5547.1/34

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 27.015 $\pm$ 0.081 χ^2 /NDF:853.4/16

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

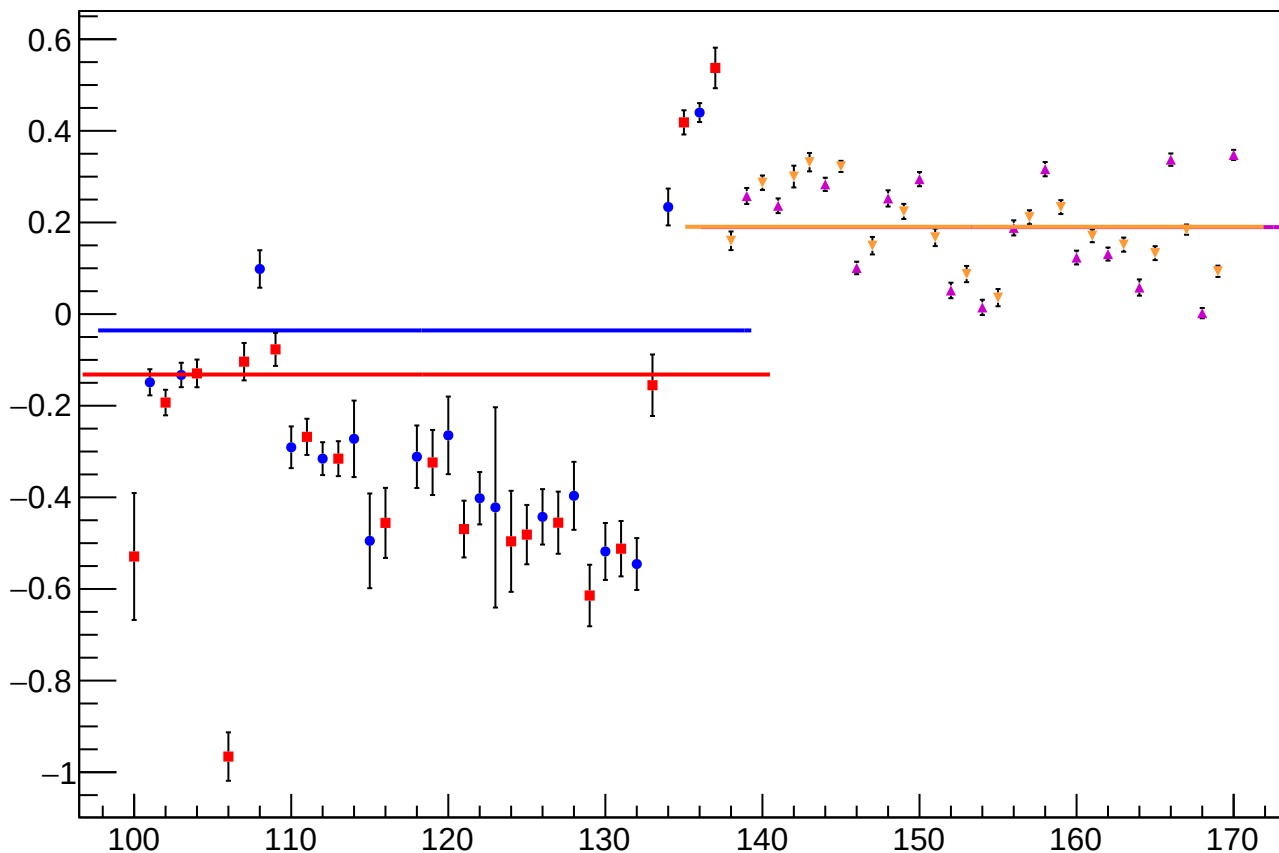
Left In: 26.684 $\pm$ 0.079 χ^2 /NDF:868.3/15

+ sign 25.387 $\pm$ 0.074 χ^2 /NDF: 11158.7/33

All: 25.241 $\pm$ 0.052 χ^2 /NDF: 22179.0/68

- sign 25.097 $\pm$ 0.074 χ^2 /NDF: 11012.7/34

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036±/0.010 χ^2/NDF : 1014.5/16

Left Out: 0.191±/0.004 χ^2/NDF : 435.5/16

Right Out: -0.132±/0.010 χ^2/NDF : 1171.3/18

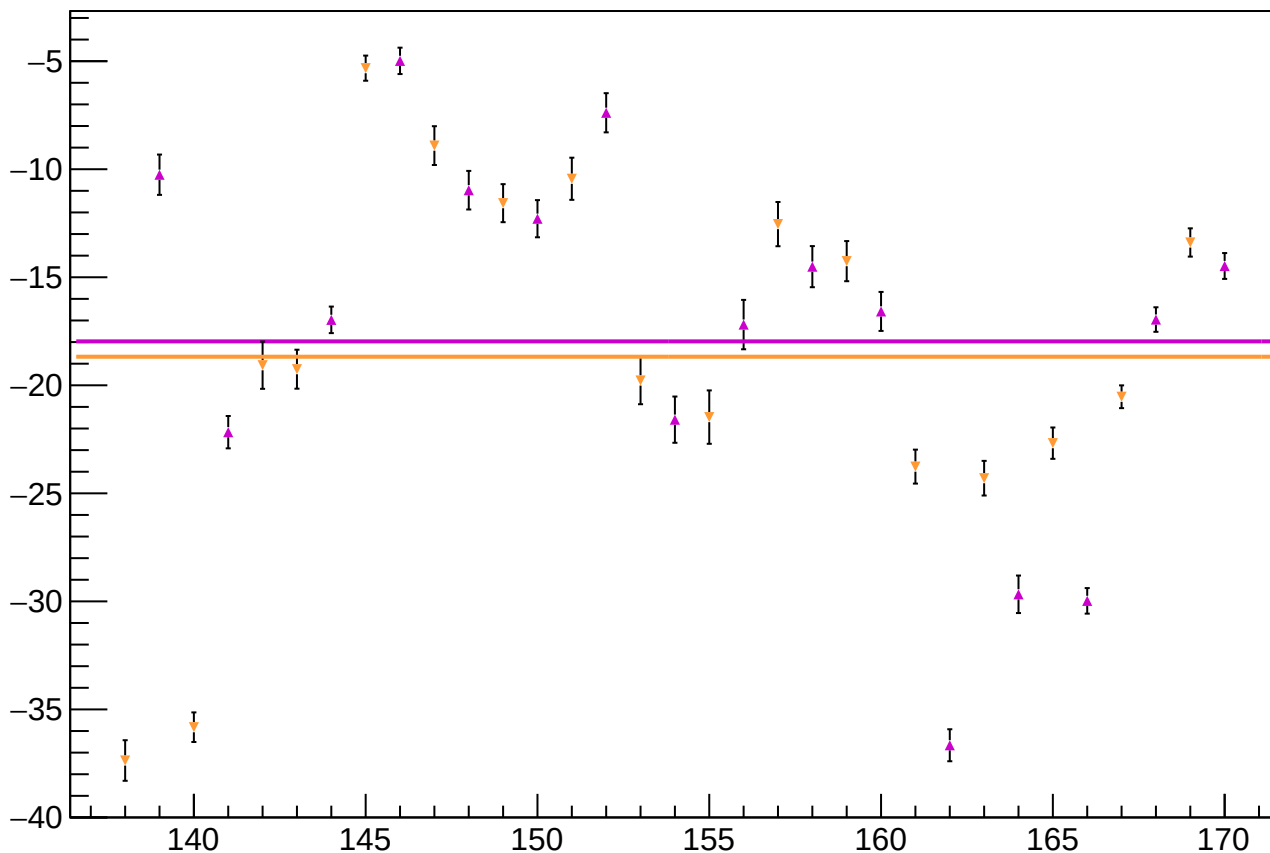
Left In: 0.190±/0.004 χ^2/NDF : 1101.6/15

+ sign 0.164±/0.004 χ^2/NDF : 1873.9/33

All: 0.159±/0.002 χ^2/NDF : 5007.2/68

- sign 0.154±/0.003 χ^2/NDF : 3129.2/34

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.678+/-0.194 χ^2/NDF : 2069.5/16

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

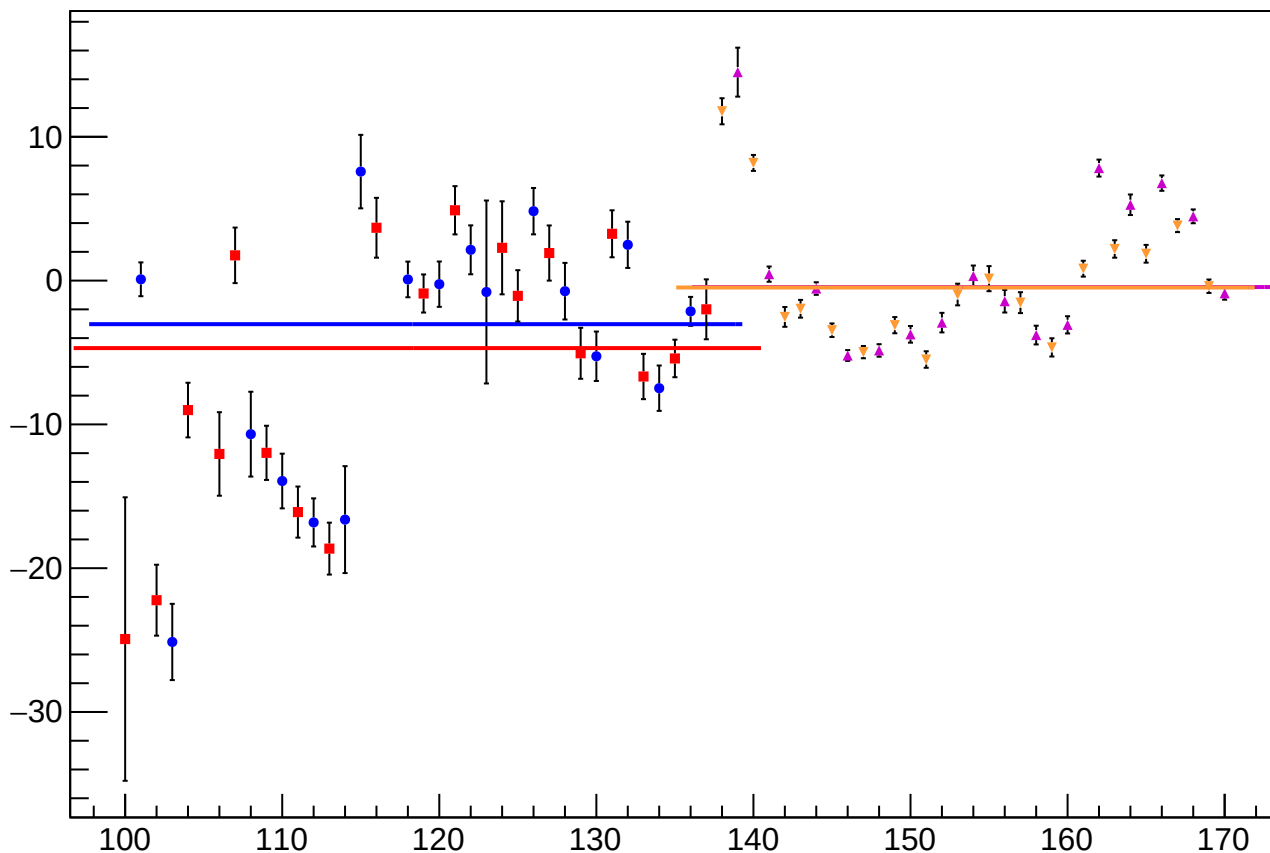
Left In: -17.967+/-0.189 χ^2/NDF : 2091.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.313+/-0.136 χ^2/NDF : 4167.9/32

- 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: -0.479 ± 0.140 χ^2/NDF : 866.2/16

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

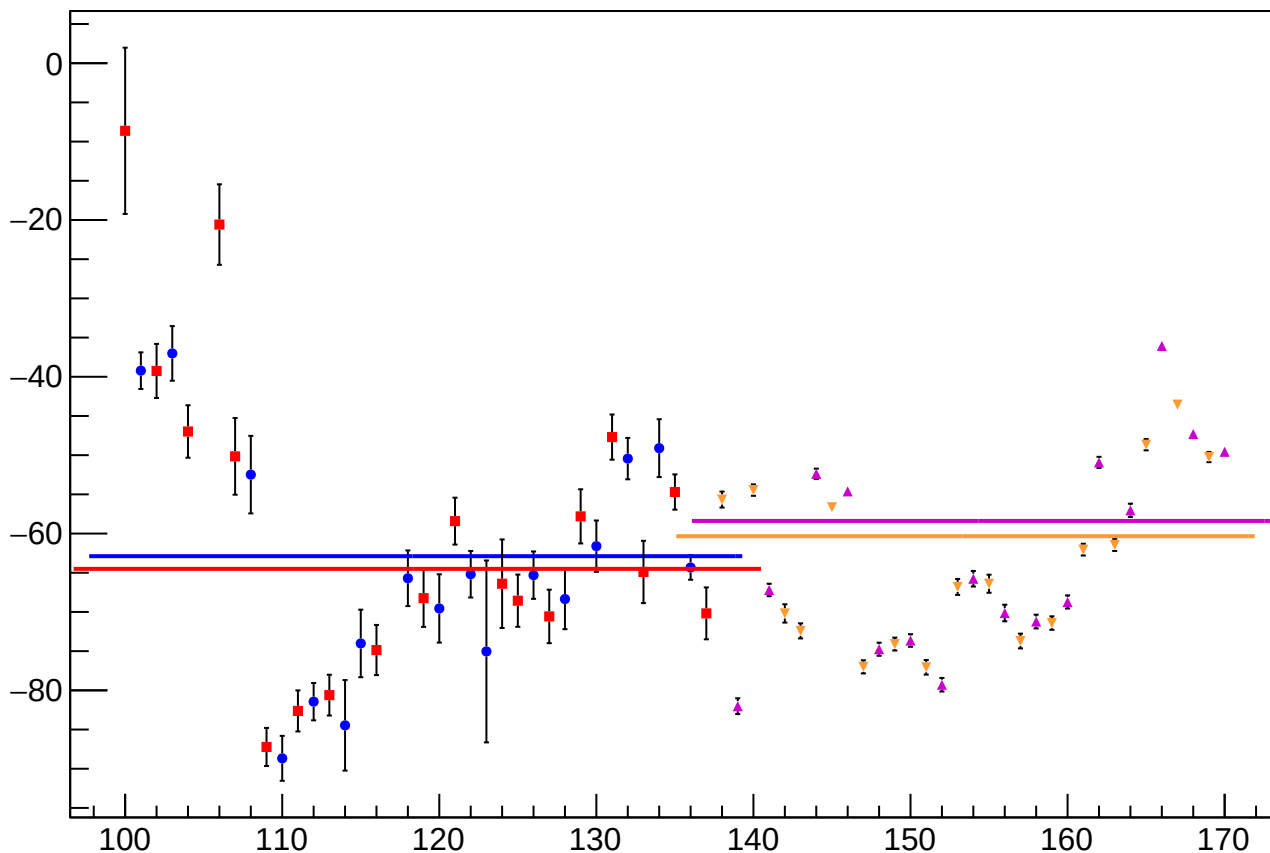
Left In: -0.448 ± 0.137 χ^2/NDF : 985.0/15

+ sign -0.748 ± 0.133 χ^2/NDF : 1182.0/33

All: -0.798 ± 0.093 χ^2/NDF : 2555.3/68

- sign -0.847 ± 0.131 χ^2/NDF : 1373.0/34

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -60.338 ± 0.194 χ^2/NDF : 3258.2/16

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

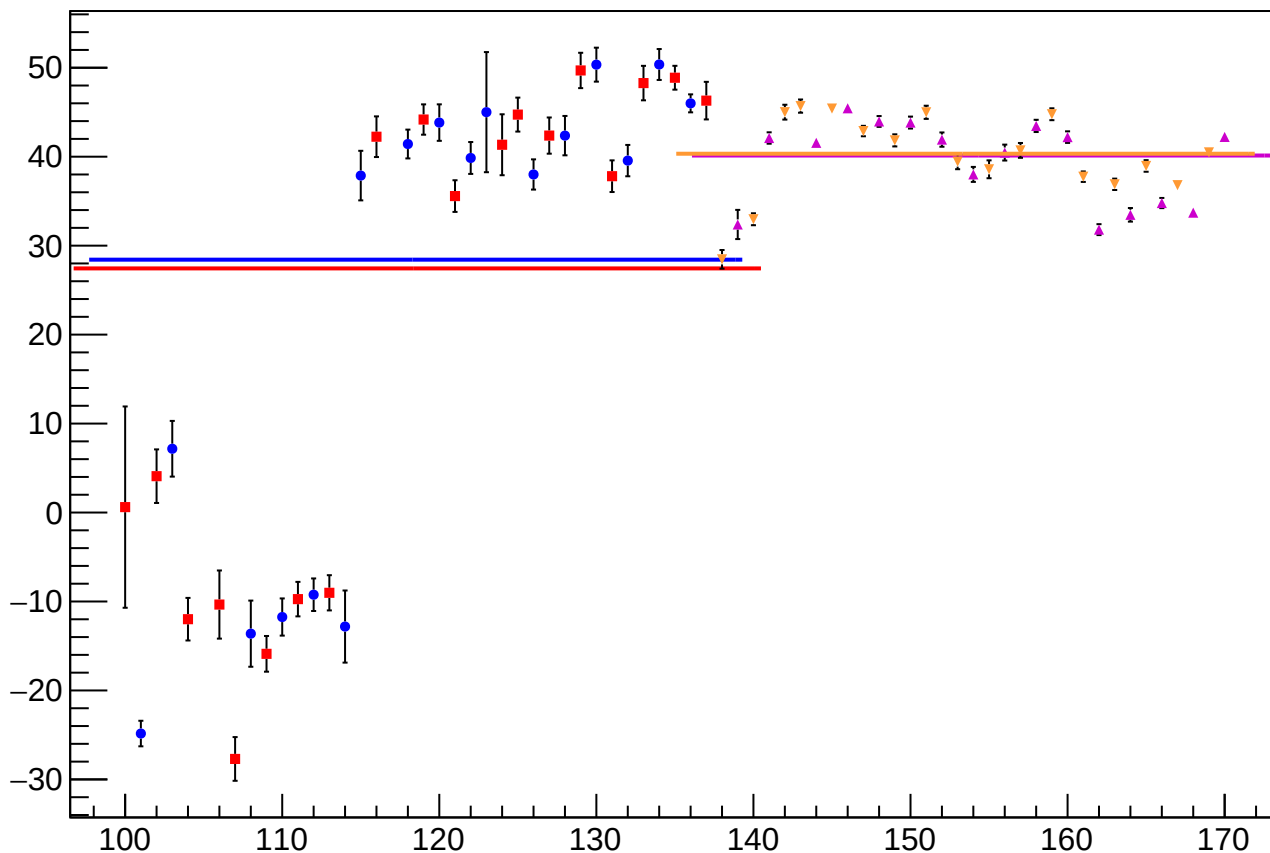
Left In: -58.389 ± 0.187 χ^2/NDF : 4734.9/15

+ sign -60.502 ± 0.187 χ^2/NDF : 3638.1/33

All: -59.595 ± 0.130 χ^2/NDF : 8924.8/68

- sign -58.746 ± 0.181 χ^2/NDF : 5241.3/34

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 40.334 $\pm$ 0.162 χ^2 /NDF:633.9/16

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

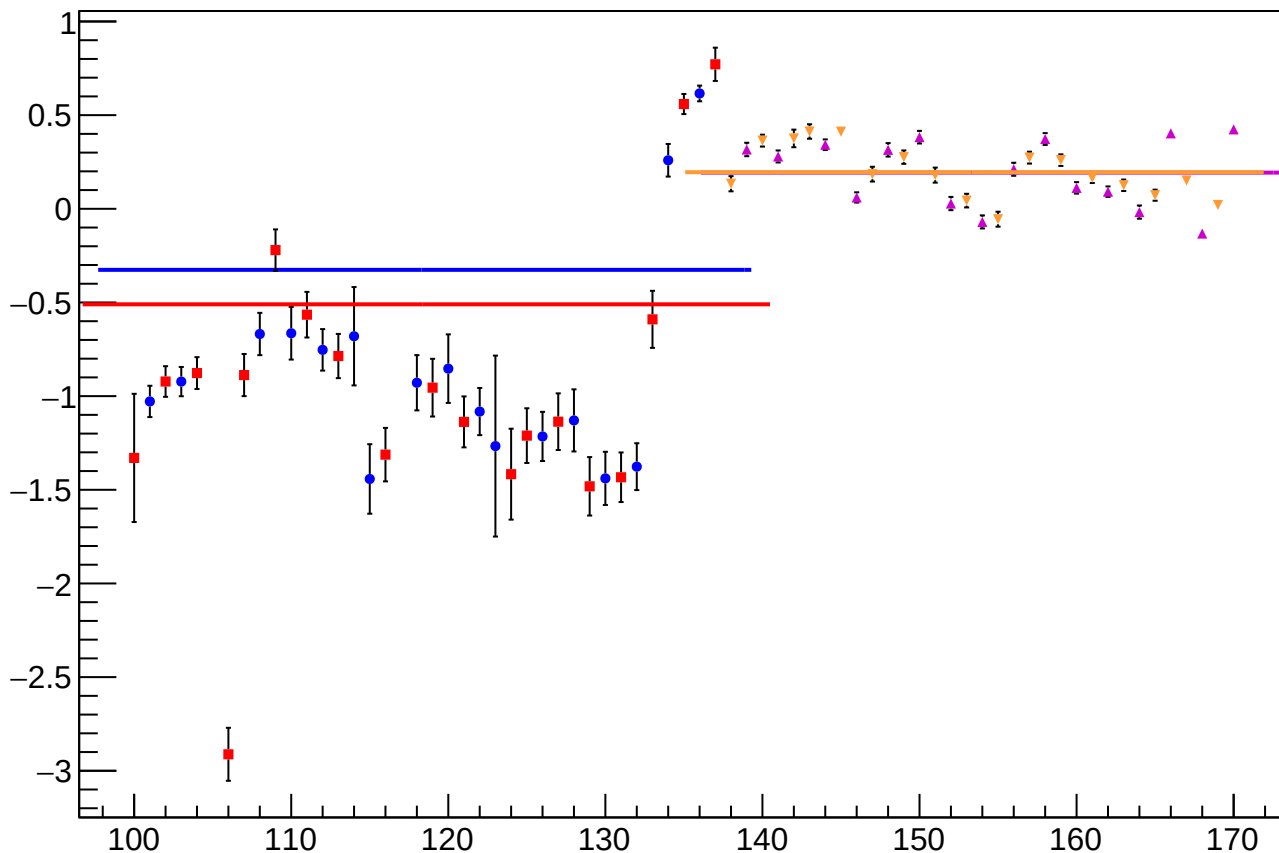
Left In: 40.131 $\pm$ 0.159 χ^2 /NDF:776.4/15

+ sign 39.003 $\pm$ 0.153 χ^2 /NDF: 4567.2/33

All: 38.934 $\pm$ 0.107 χ^2 /NDF: 9009.9/68

- sign 38.867 $\pm$ 0.151 χ^2 /NDF: 4442.3/34

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.195 ± 0.008 χ^2/NDF : 309.0/16

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

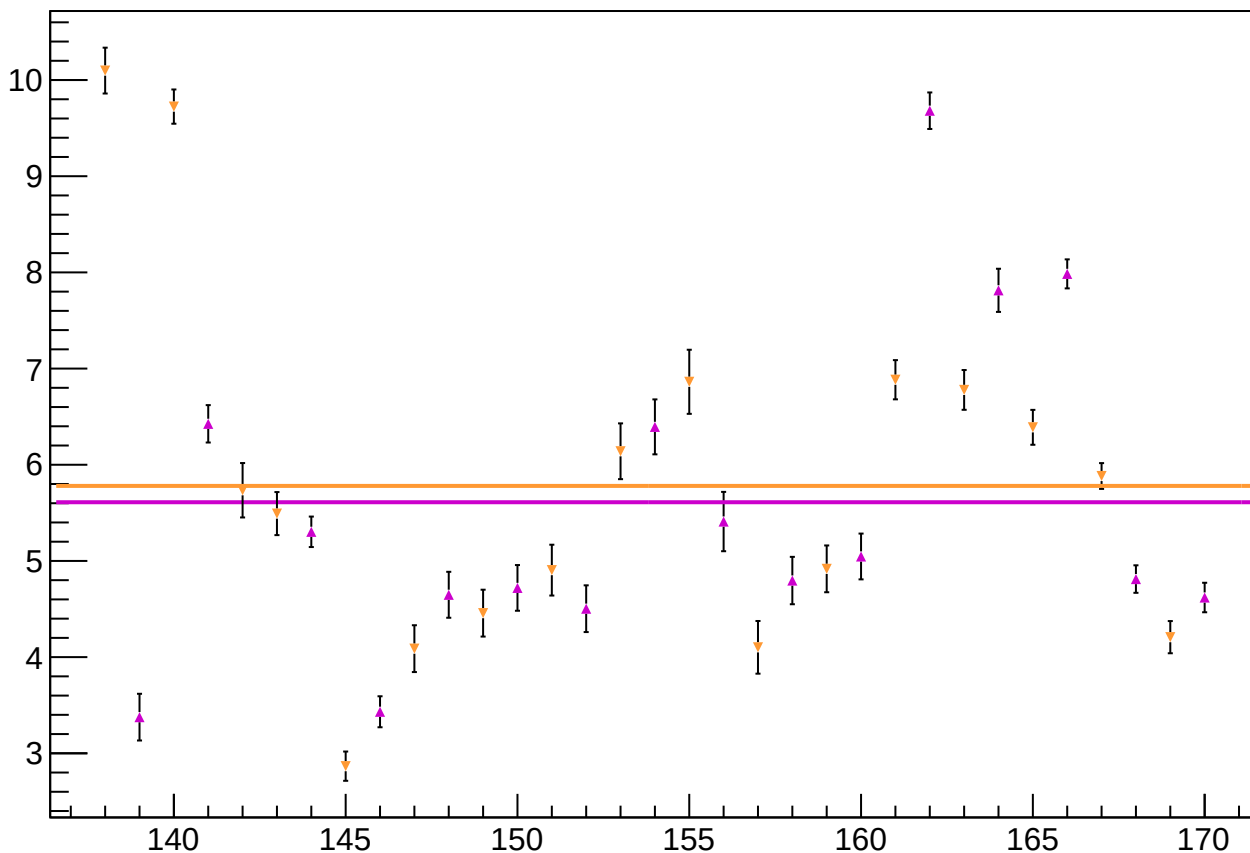
Left In: 0.193 ± 0.007 χ^2/NDF : 677.7/15

+ sign 0.151 ± 0.007 χ^2/NDF : 1722.7/33

All: 0.145 ± 0.005 χ^2/NDF : 4262.2/68

- sign 0.139 ± 0.007 χ^2/NDF : 2538.2/34

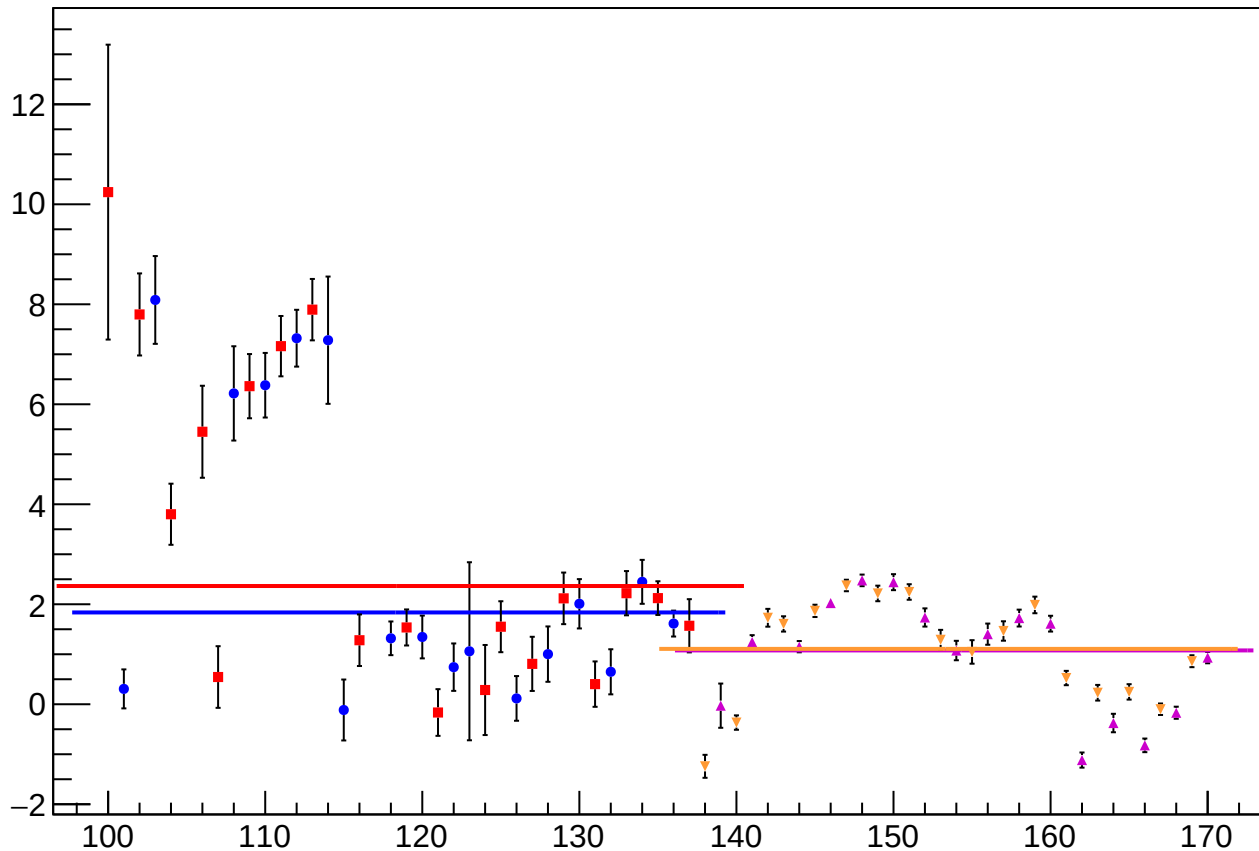
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.780 $\pm$ 0.050 χ^2 /NDF:1491.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.610 $\pm$ 0.049 χ^2 /NDF:1240.9/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.693 $\pm$ 0.035 χ^2 /NDF: 2737.9/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 1.107 ± 0.037 χ^2/NDF : 721.4/16

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

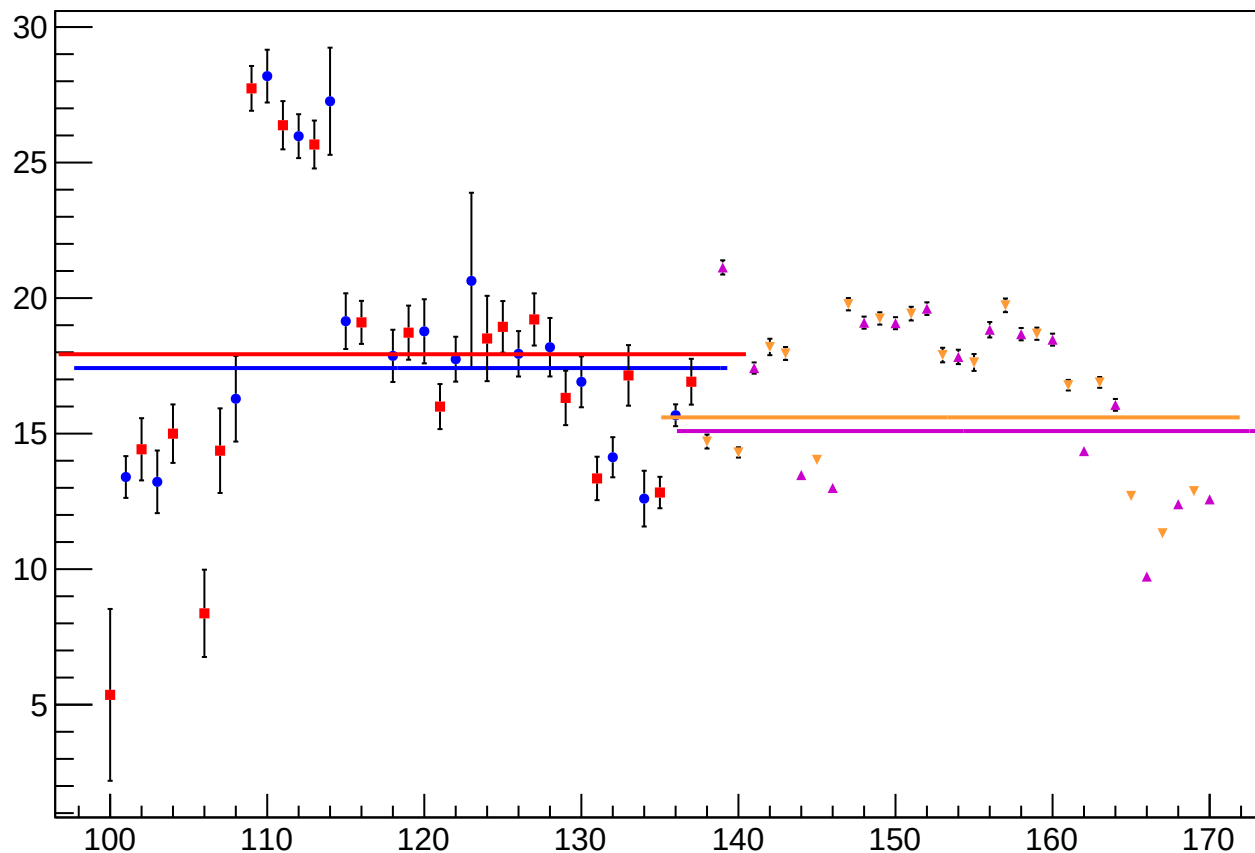
Left In: 1.077 ± 0.036 χ^2/NDF : 935.6/15

+ sign 1.173 ± 0.035 χ^2/NDF : 1052.2/33

All: 1.175 ± 0.024 χ^2/NDF : 2425.9/68

- sign 1.178 ± 0.034 χ^2/NDF : 1373.7/34

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 15.599 $\pm$ 0.050 χ^2 /NDF:3290.4/16

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

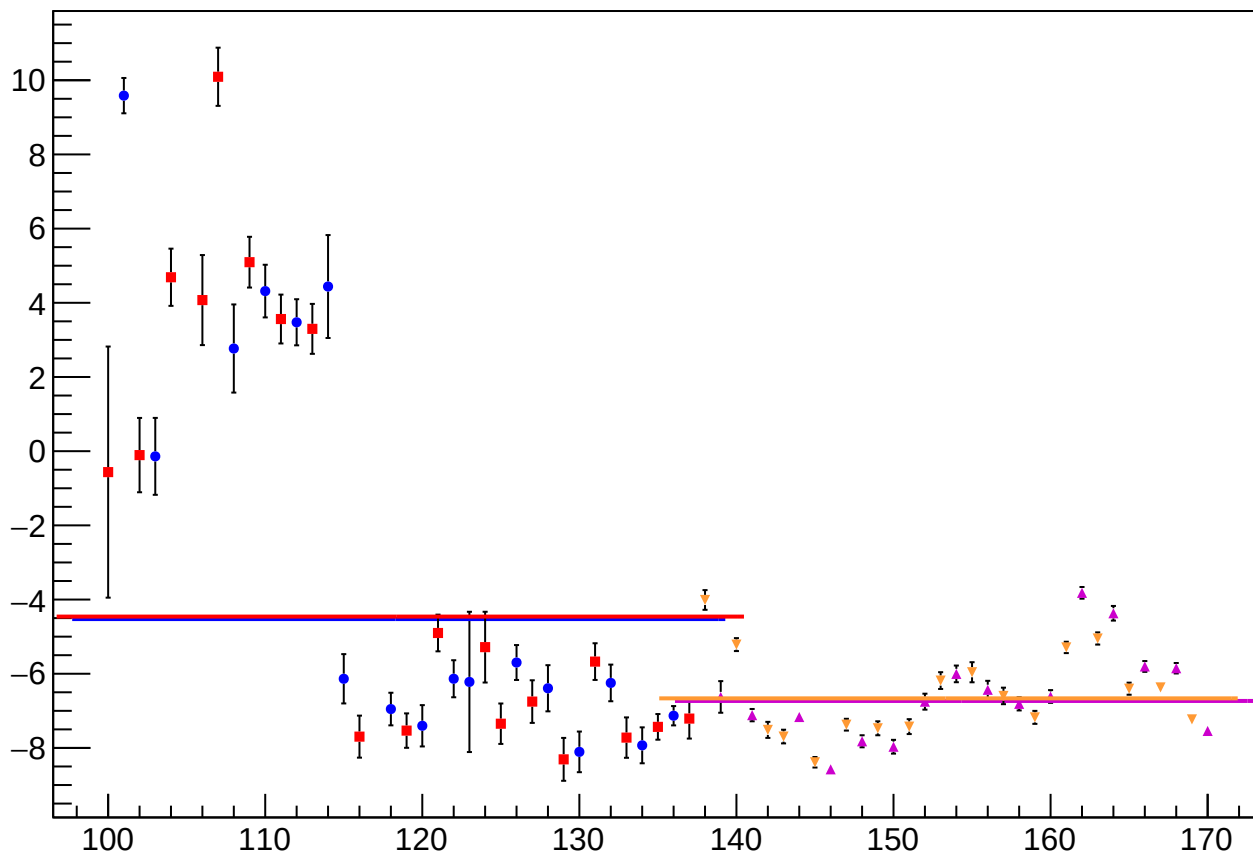
Left In: 15.094 $\pm$ 0.049 χ^2 /NDF:4577.7/15

+ sign 15.697 $\pm$ 0.049 χ^2 /NDF: 3727.1/33

All: 15.455 $\pm$ 0.034 χ^2 /NDF: 9018.3/68

- sign 15.227 $\pm$ 0.047 χ^2 /NDF: 5243.9/34

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -6.664 ± 0.042 χ^2/NDF : 637.2/16

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

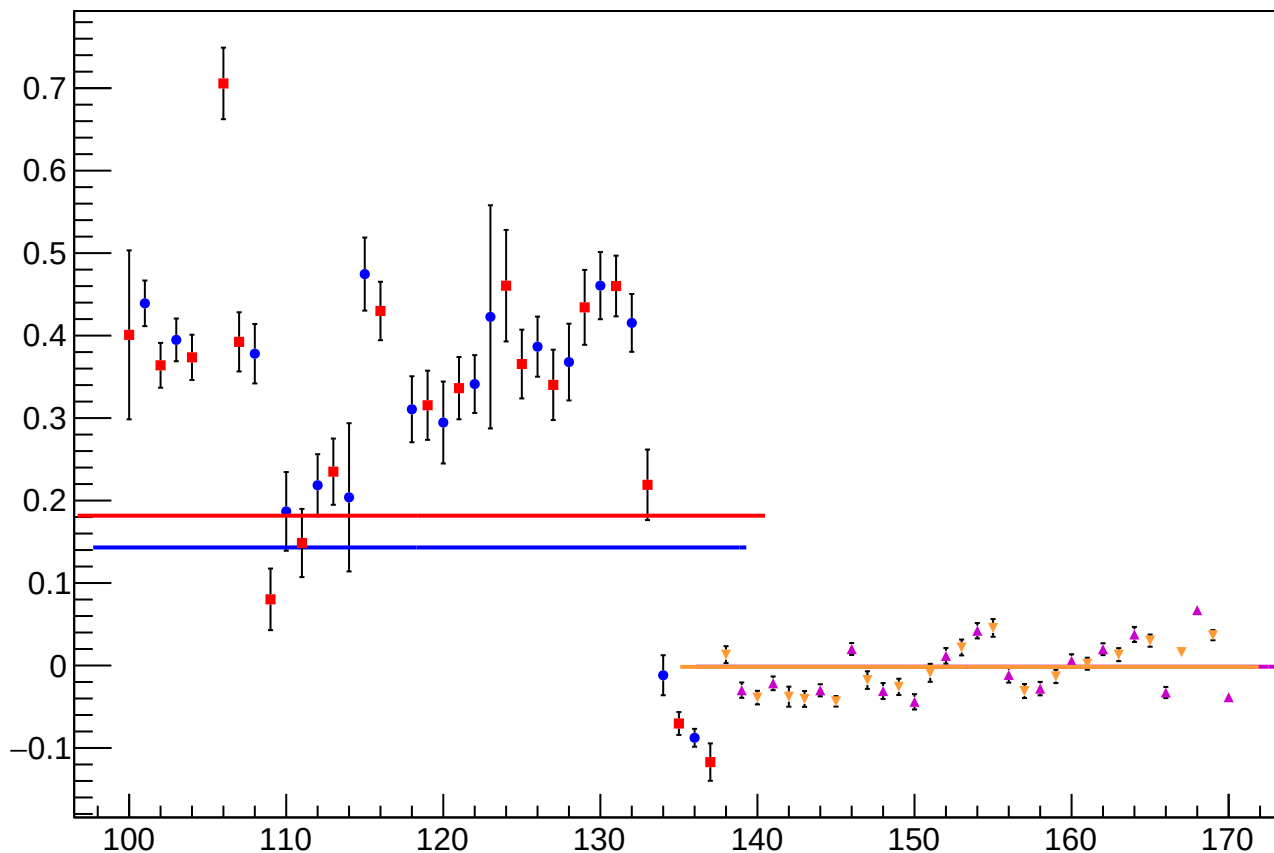
Left In: -6.733 ± 0.041 χ^2/NDF : 945.1/15

+ sign -6.458 ± 0.040 χ^2/NDF : 2473.7/33

All: -6.501 ± 0.028 χ^2/NDF : 5012.5/68

- sign -6.542 ± 0.040 χ^2/NDF : 2536.6/34

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1060.4/16

Left Out: -0.002 $\pm$ 0.002 χ^2 /NDF: 210.1/16

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1007.8/18

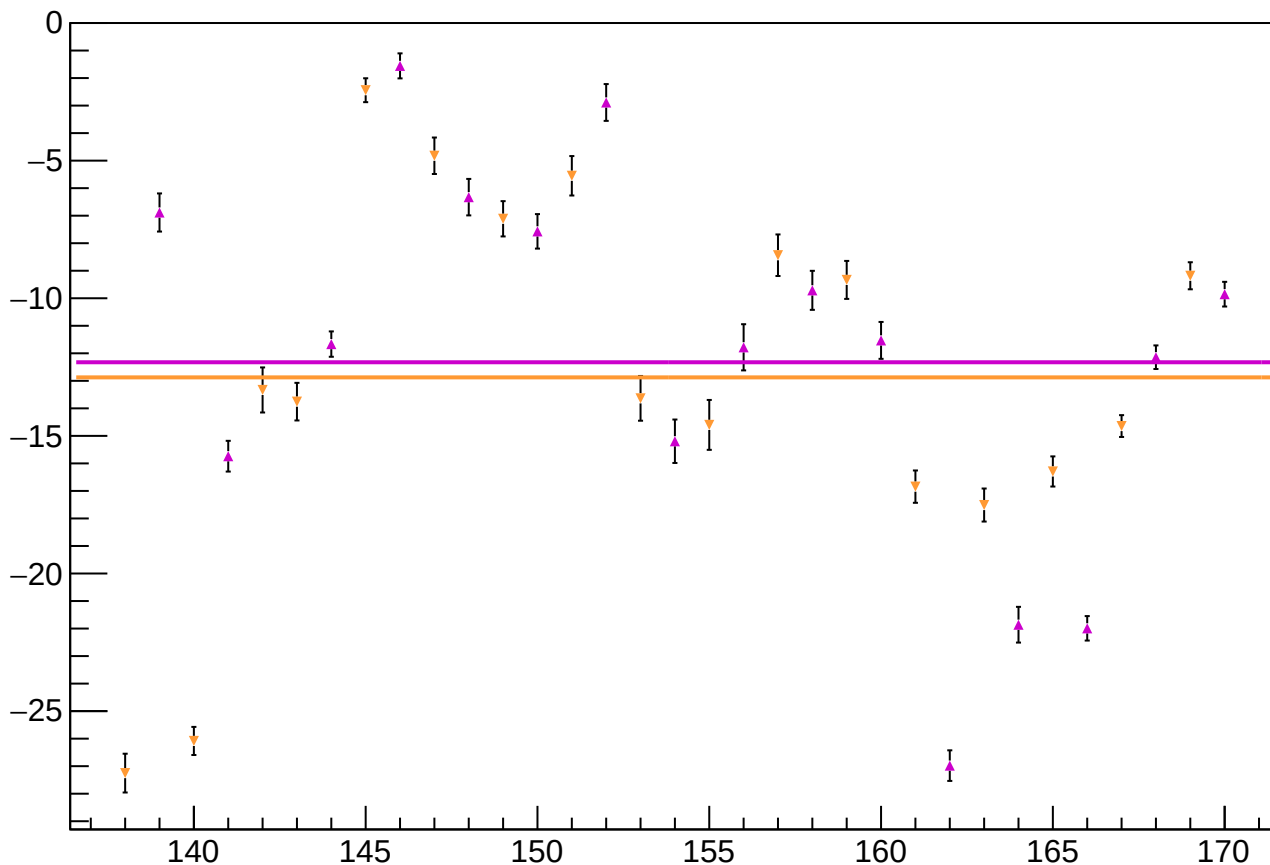
Left In: -0.001 $\pm$ 0.002 χ^2 /NDF: 353.5/15

+ sign 0.009 $\pm$ 0.002 χ^2 /NDF: 1661.2/33

All: 0.010 $\pm$ 0.001 χ^2 /NDF: 3597.9/68

- sign 0.010 $\pm$ 0.002 χ^2 /NDF: 1936.5/34

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.875+/-0.145 χ^2/NDF : 2284.2/16

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

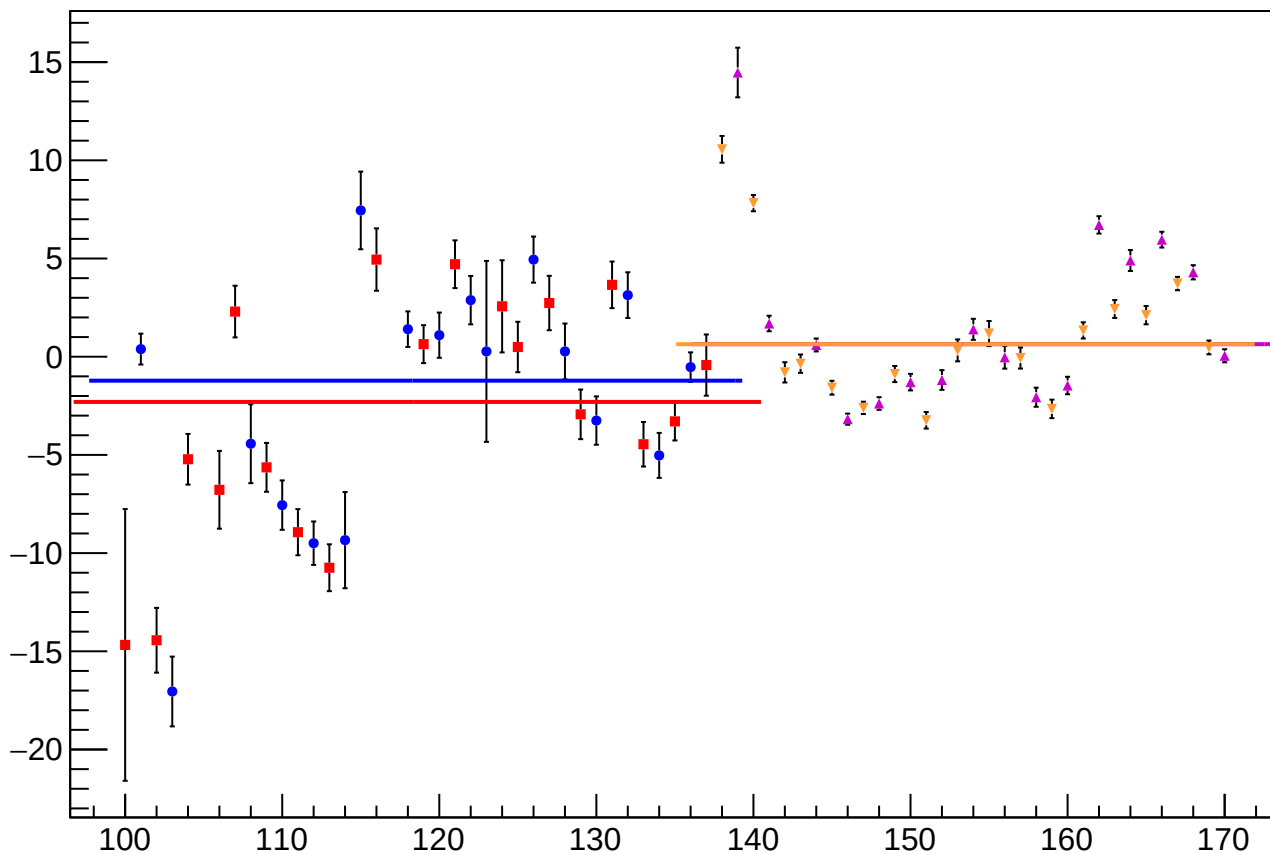
Left In: -12.325+/-0.141 χ^2/NDF : 2444.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.592+/-0.101 χ^2/NDF : 4735.9/32

- 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: 0.637 ± 0.104 χ^2/NDF : 931.8/16

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

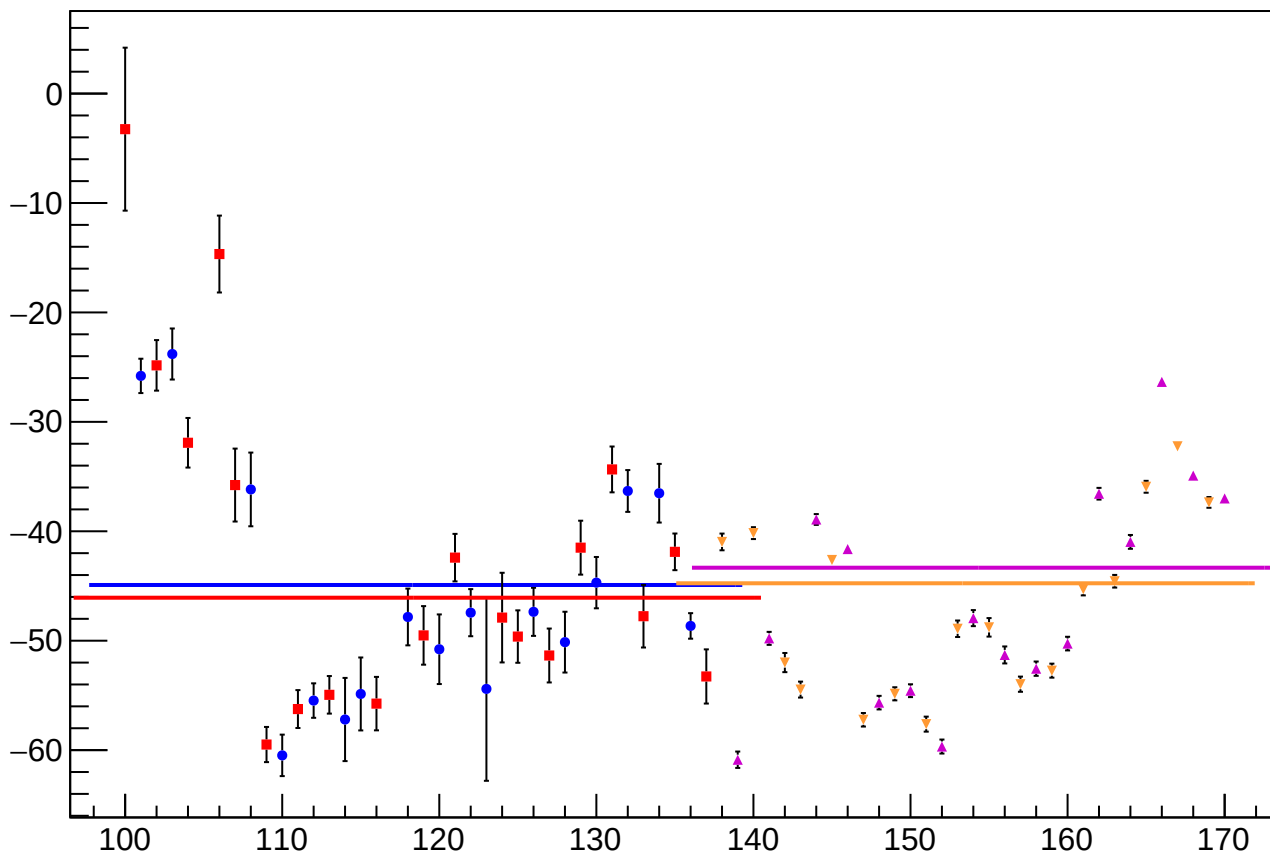
Left In: 0.639 ± 0.103 χ^2/NDF : 1019.8/15

+ sign 0.424 ± 0.098 χ^2/NDF : 1246.7/33

All: 0.380 ± 0.069 χ^2/NDF : 2638.0/68

- sign 0.336 ± 0.097 χ^2/NDF : 1390.9/34

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -44.752 ± 0.144 χ^2/NDF : 3233.1/16

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

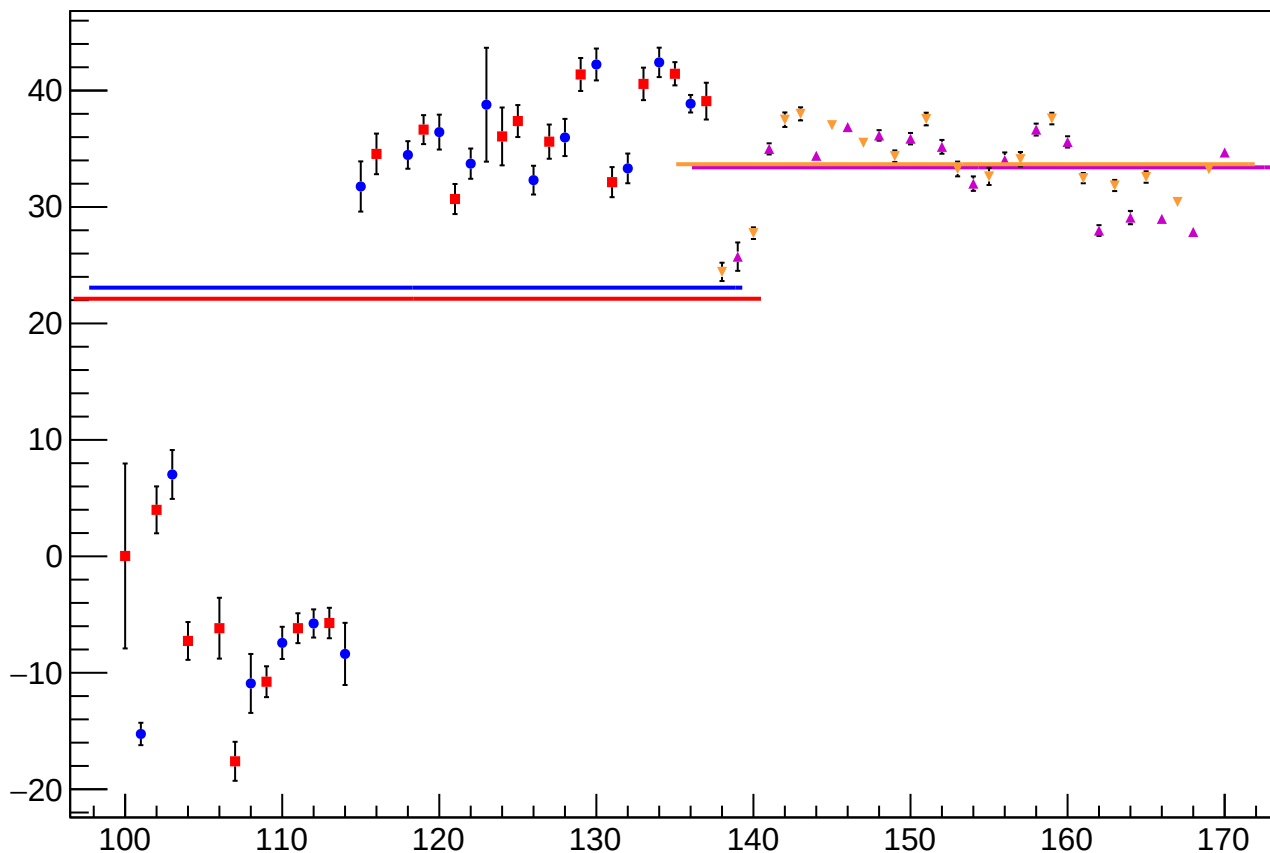
Left In: -43.330 ± 0.139 χ^2/NDF : 4799.6/15

+ sign -44.763 ± 0.139 χ^2/NDF : 3654.4/33

All: -44.115 ± 0.097 χ^2/NDF : 8975.1/68

- sign -43.508 ± 0.135 χ^2/NDF : 5278.8/34

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 33.673 $\pm$ 0.121 χ^2 /NDF: 681.7/16

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

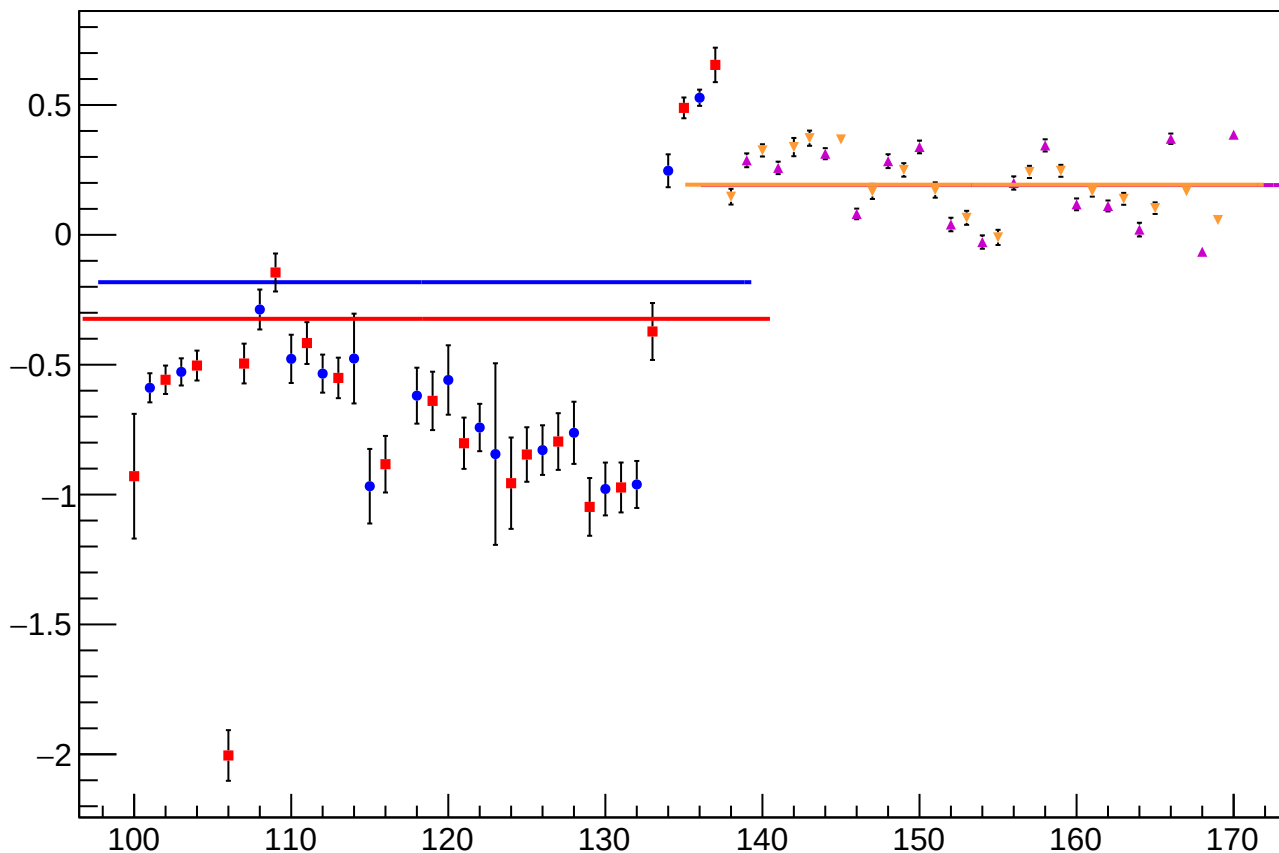
Left In: 33.404 $\pm$ 0.119 χ^2 /NDF: 775.6/15

+ sign 32.392 $\pm$ 0.113 χ^2 /NDF: 5957.1/33

All: 32.283 $\pm$ 0.080 χ^2 /NDF: 11750.9/68

- sign 32.176 $\pm$ 0.112 χ^2 /NDF: 5792.0/34

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182±/0.018 χ^2/NDF : 998.1/16

Left Out: 0.193±/0.006 χ^2/NDF : 349.1/16

Right Out: -0.323±/0.018 χ^2/NDF : 1184.5/18

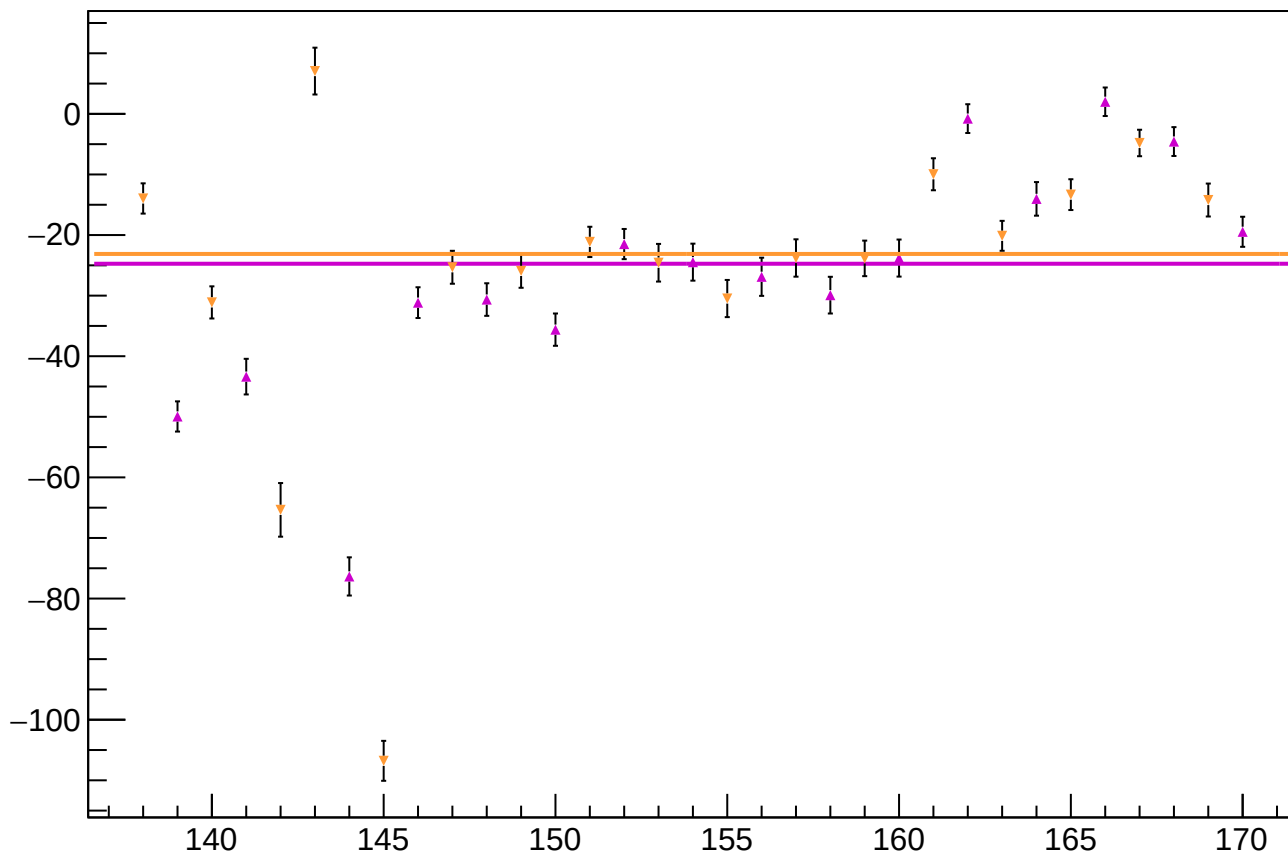
Left In: 0.192±/0.006 χ^2/NDF : 811.2/15

+ sign 0.158±/0.005 χ^2/NDF : 1754.1/33

All: 0.153±/0.004 χ^2/NDF : 4487.4/68

- sign 0.148±/0.005 χ^2/NDF : 2731.5/34

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -23.119+/-0.678 χ^2/NDF : 949.2/16

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

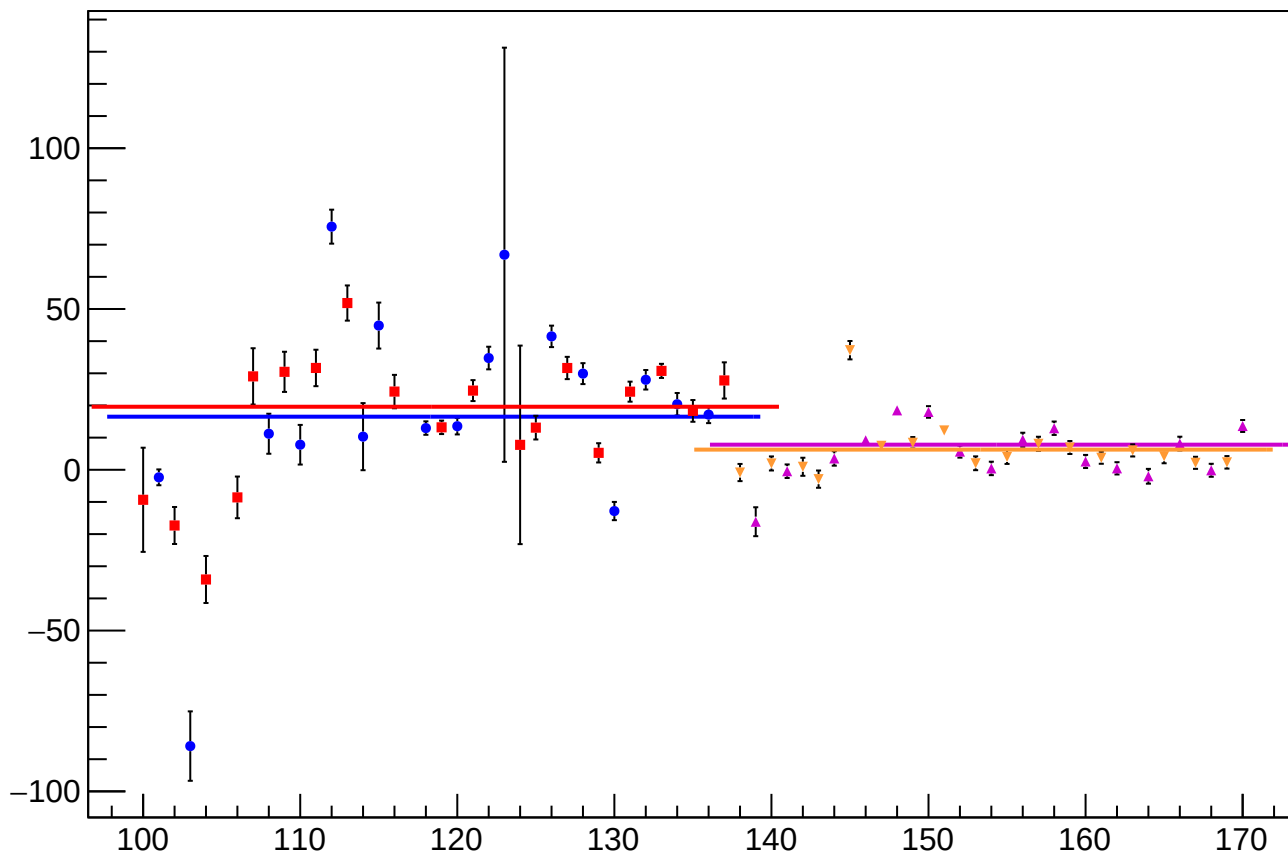
Left In: -24.737+/-0.671 χ^2/NDF : 765.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.937+/-0.477 χ^2/NDF : 1717.5/32

- 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: 6.271 ± 0.479 χ^2/NDF : 180.7/16

Right Out: 19.604 ± 0.898 χ^2/NDF : 242.0/18

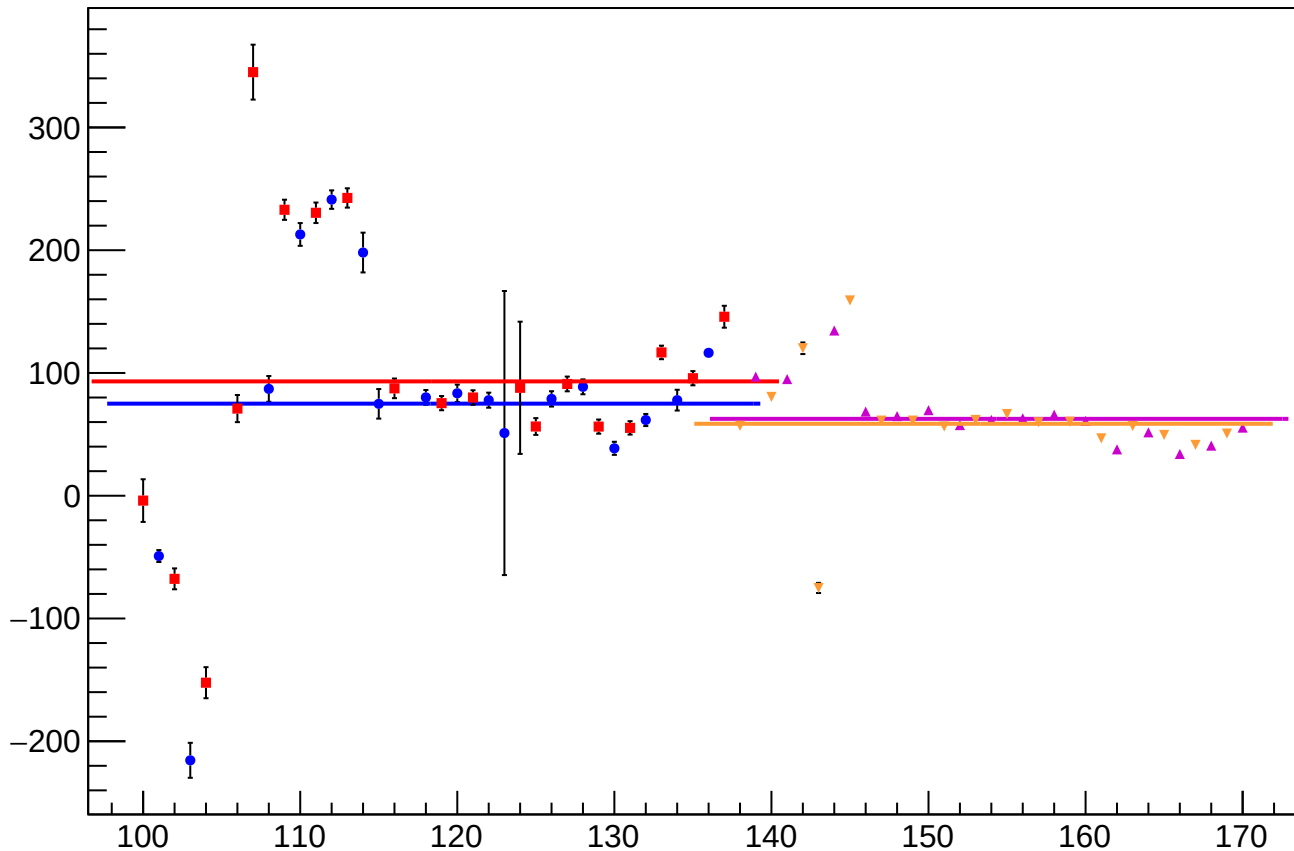
Left In: 7.806 ± 0.486 χ^2/NDF : 232.0/15

+ sign 8.753 ± 0.417 χ^2/NDF : 811.0/33

All: 9.595 ± 0.299 χ^2/NDF : 1426.7/68

- sign 10.481 ± 0.428 χ^2/NDF : 607.3/34

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 58.604 $\pm$ 0.666 χ^2 /NDF: 2256.8/16

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

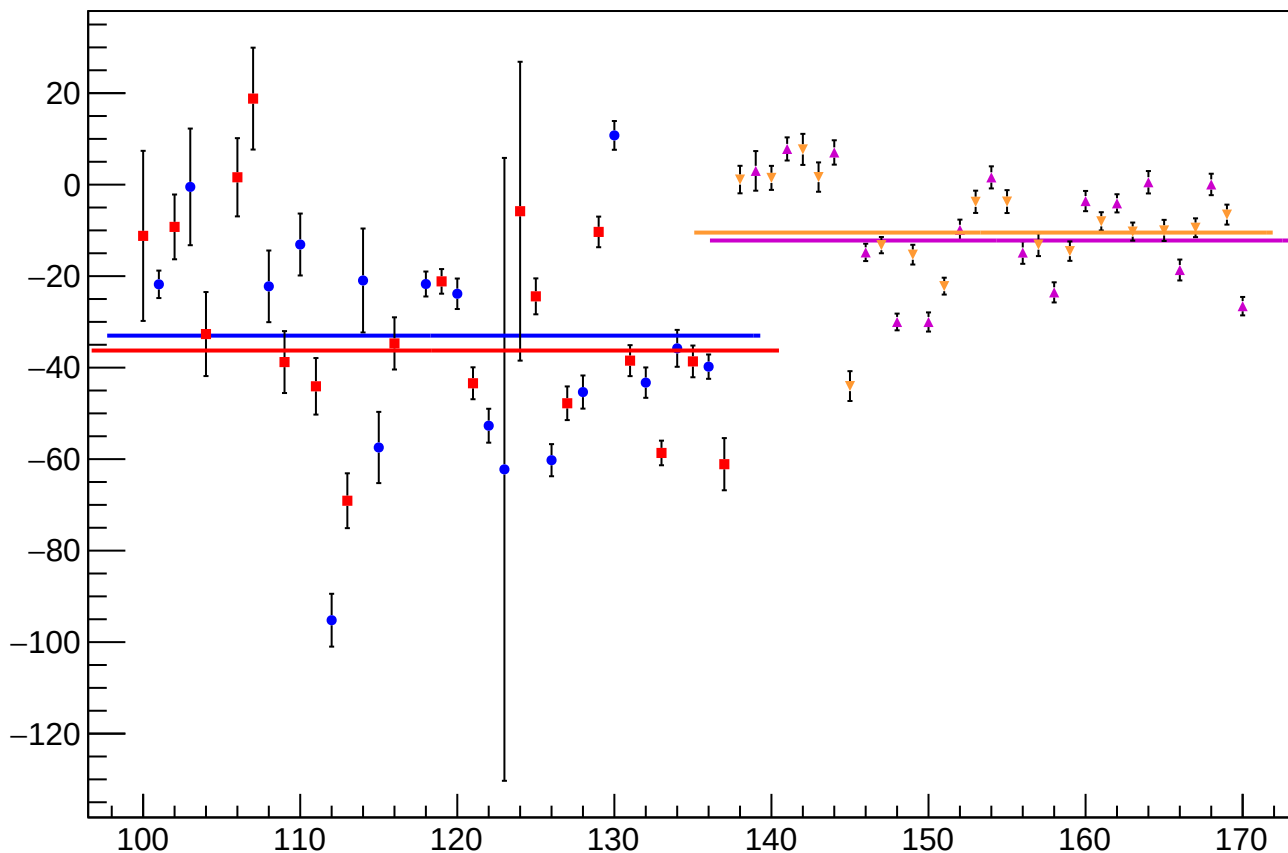
Left In: 62.632 $\pm$ 0.657 χ^2 /NDF: 1113.8/15

+ sign 60.936 $\pm$ 0.617 χ^2 /NDF: 4342.4/33

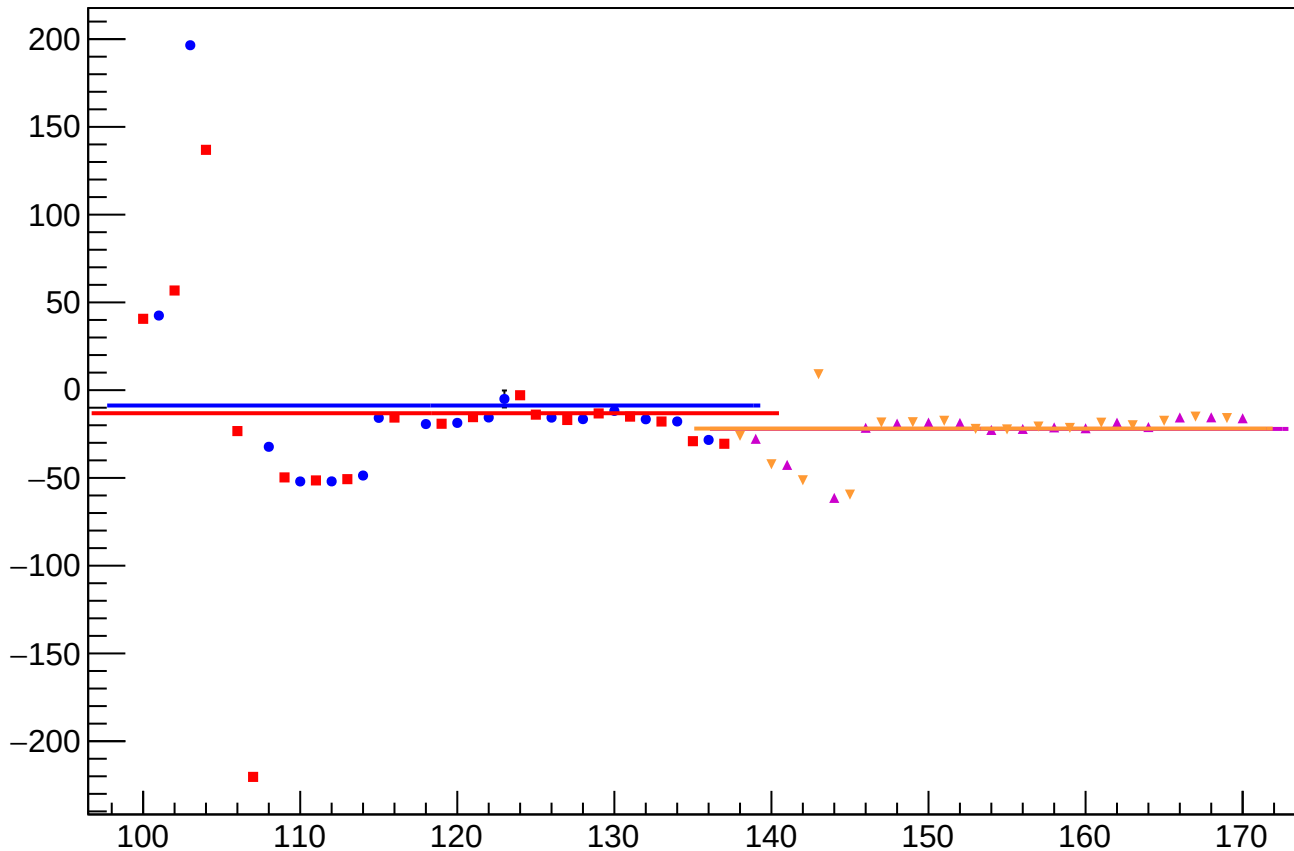
All: 63.759 $\pm$ 0.435 χ^2 /NDF: 7777.2/68

- sign 66.546 $\pm$ 0.613 χ^2 /NDF: 3393.2/34

reg_asym_atl1_diff_bpm4eY_slope vs Slug



reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -21.889 ± 0.026 $\chi^2/\text{NDF}: 182075.0/16$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

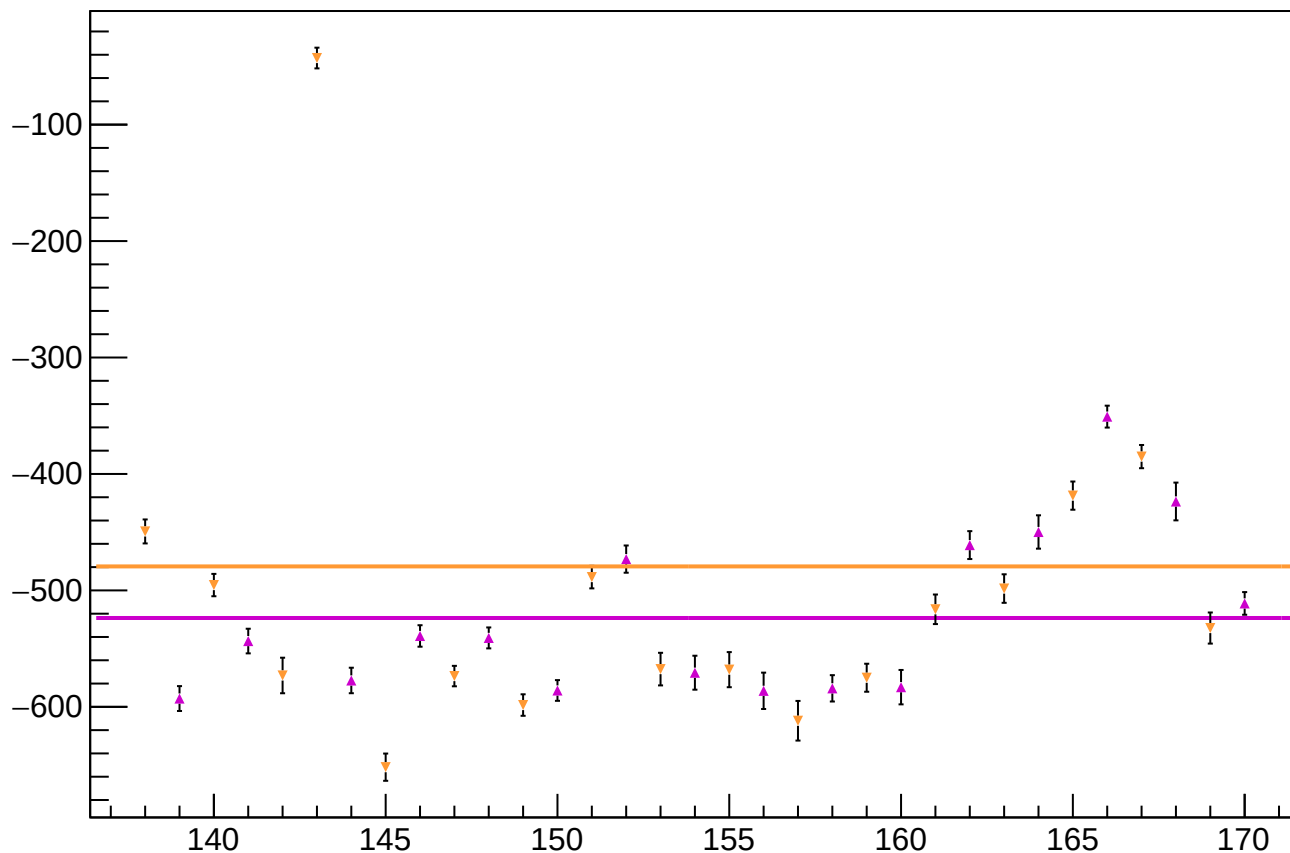
Left In: -22.084 ± 0.026 $\chi^2/\text{NDF}: 119301.5/15$

+ sign -19.723 ± 0.024 $\chi^2/\text{NDF}: 799773.4/33$

All: -20.247 ± 0.017 $\chi^2/\text{NDF}: 1496538.6/68$

- sign -20.764 ± 0.024 $\chi^2/\text{NDF}: 695809.8/34$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -479.401+/-2.721 χ^2/NDF : 3294.4/16

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

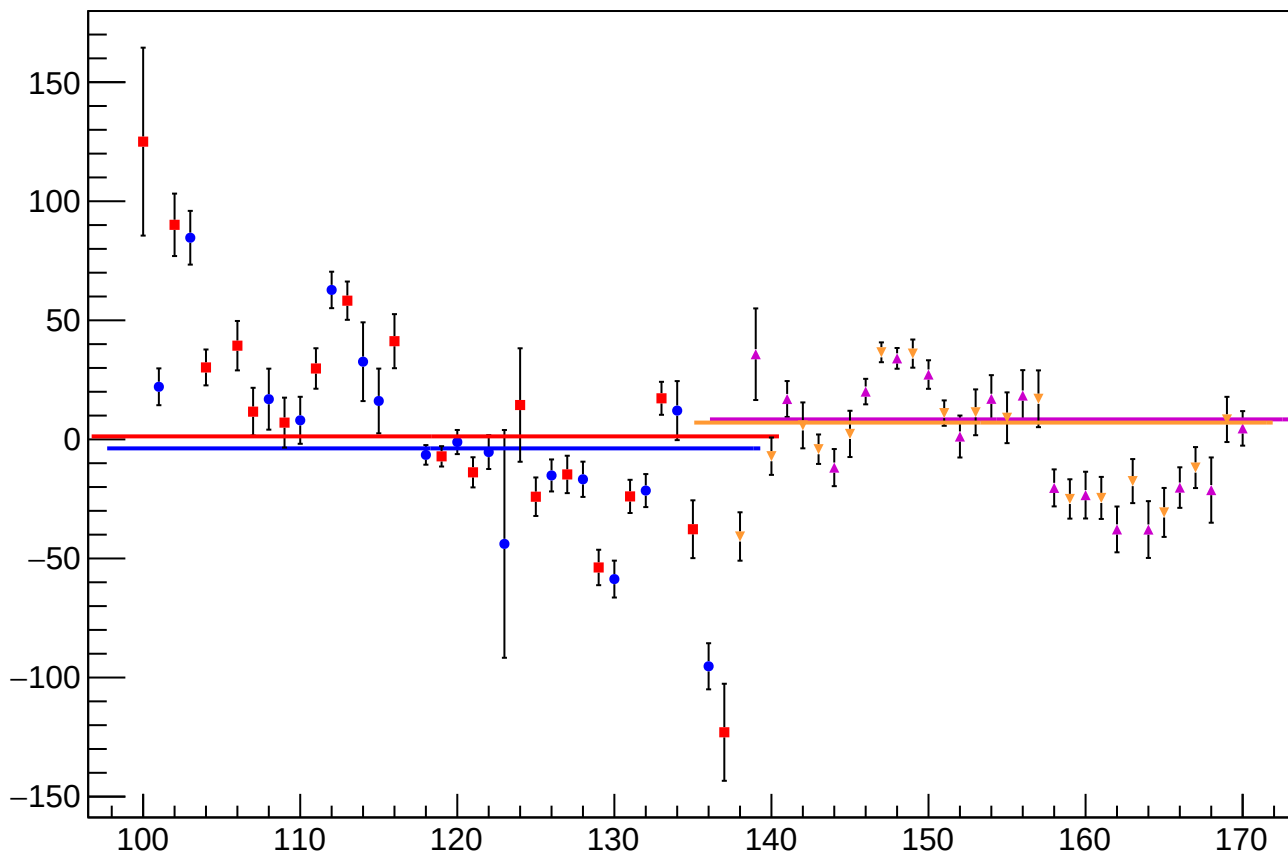
Left In: -523.693+/-2.786 χ^2/NDF : 646.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.023+/-1.947 χ^2/NDF : 4070.0/32

- 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: 7.060 ± 1.842 χ^2/NDF : 157.9/16

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

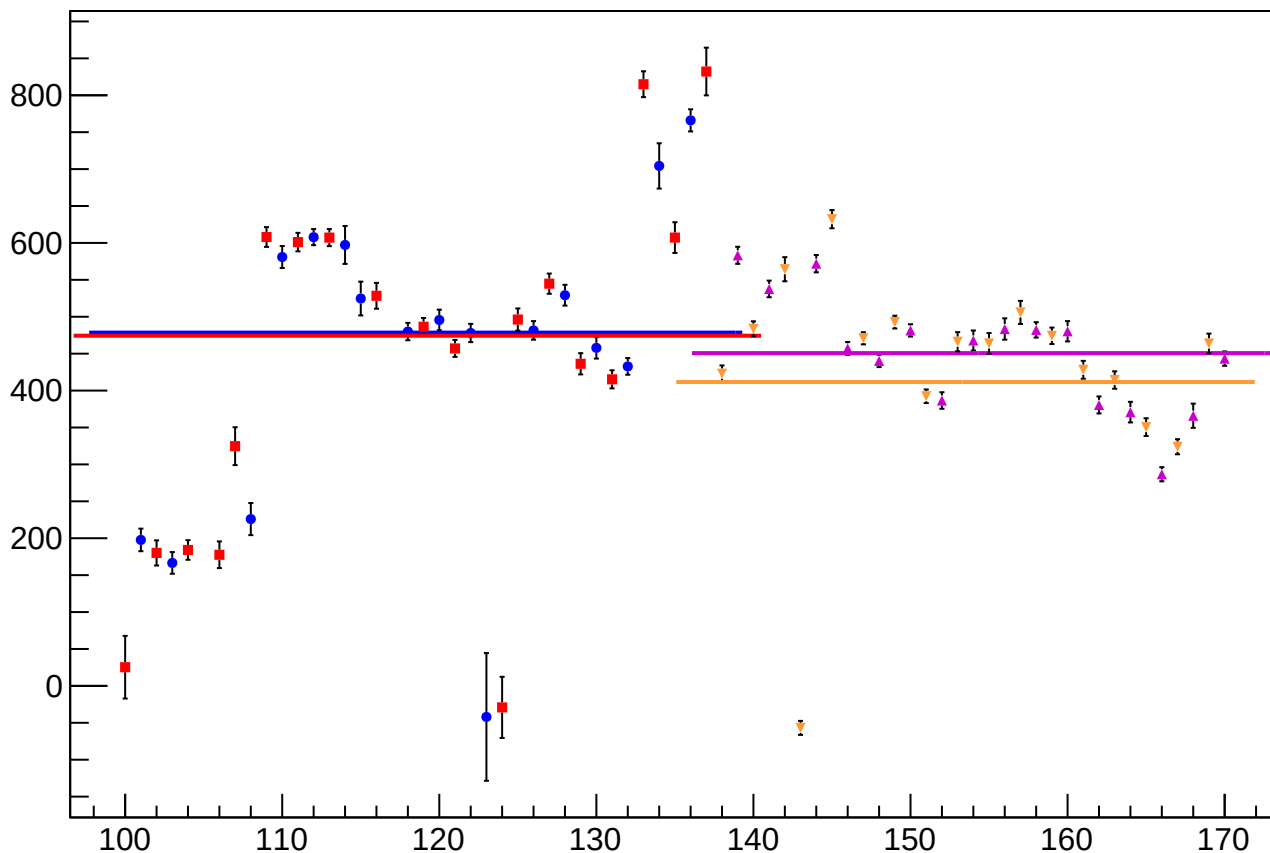
Left In: 8.402 ± 1.936 χ^2/NDF : 140.2/15

+ sign 1.779 ± 1.319 χ^2/NDF : 489.1/33

All: 3.242 ± 0.948 χ^2/NDF : 942.5/68

- sign 4.805 ± 1.363 χ^2/NDF : 450.8/34

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 411.587 $\pm$ 2.689 χ^2/NDF : 3252.7/16

Right Out: 474.328 $\pm$ 3.533 χ^2/NDF : 2287.1/18

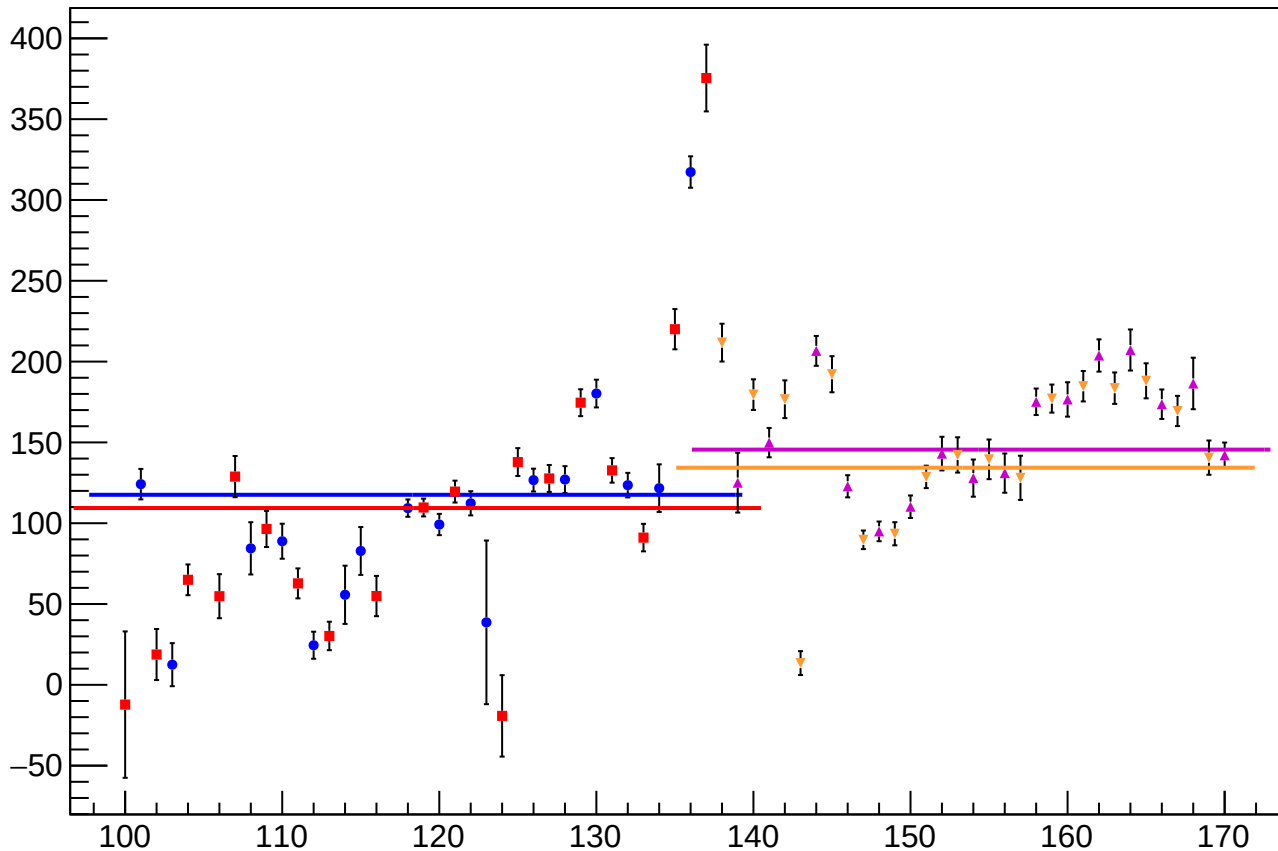
Left In: 450.766 $\pm$ 2.726 χ^2/NDF : 757.4/15

+ sign 435.308 $\pm$ 2.161 χ^2/NDF : 5101.2/33

All: 447.449 $\pm$ 1.527 χ^2/NDF : 8236.7/68

- sign 459.561 $\pm$ 2.158 χ^2/NDF : 3072.4/34

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 134.334 ± 2.198 $\chi^2/\text{NDF}: 585.9/16$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

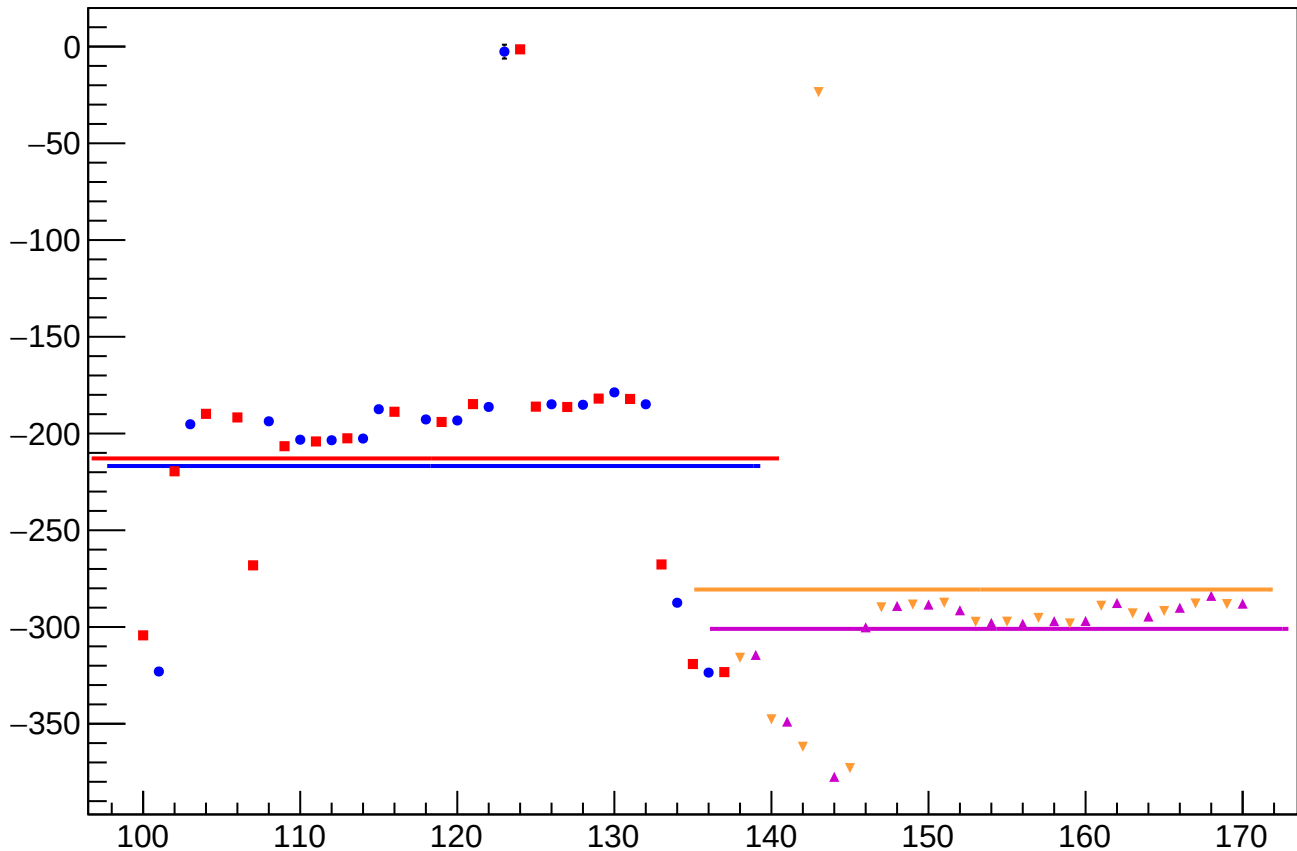
Left In: 145.535 ± 2.287 $\chi^2/\text{NDF}: 249.9/15$

+ sign 125.941 ± 1.552 $\chi^2/\text{NDF}: 1321.9/33$

All: 126.382 ± 1.110 $\chi^2/\text{NDF}: 2272.2/68$

- sign 126.845 ± 1.589 $\chi^2/\text{NDF}: 950.1/34$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -280.618 ± 0.108 $\chi^2/\text{NDF}: 546185.8/16$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

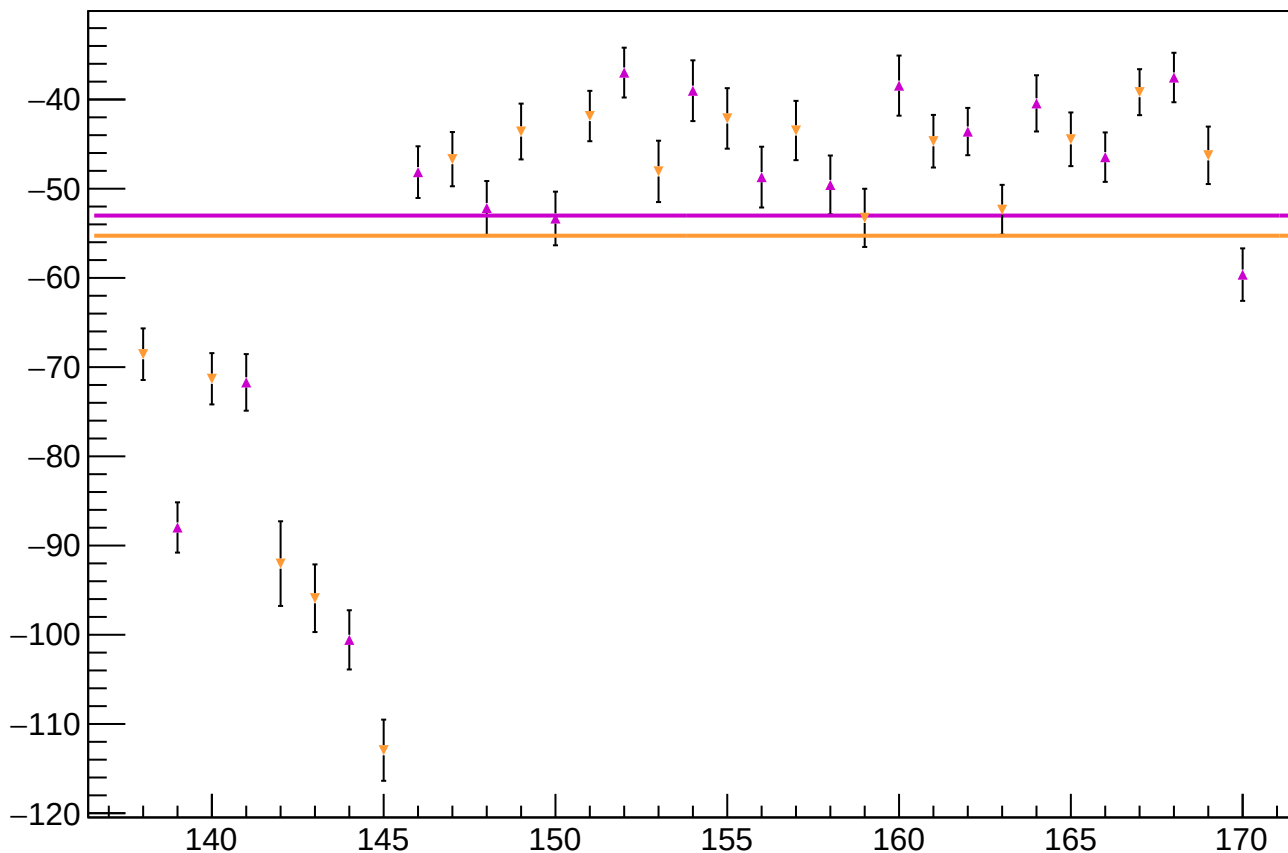
Left In: -300.958 ± 0.109 $\chi^2/\text{NDF}: 41206.1/15$

+ sign -255.839 ± 0.085 $\chi^2/\text{NDF}: 828577.4/33$

All: -260.380 ± 0.059 $\chi^2/\text{NDF}: 1261925.1/68$

- sign -264.800 ± 0.083 $\chi^2/\text{NDF}: 427652.2/34$

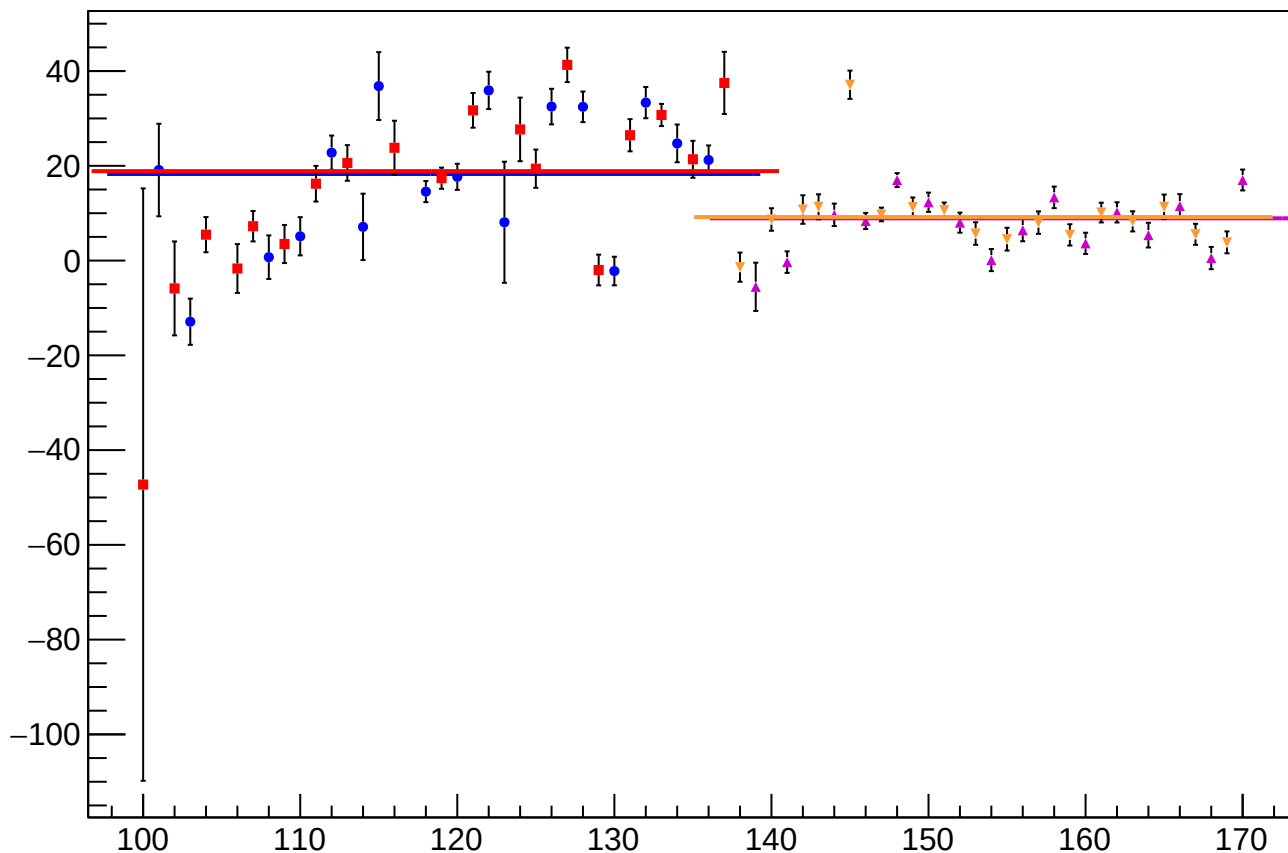
reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -55.270 $\pm$ 0.760 χ^2 /NDF:660.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -53.012 $\pm$ 0.755 χ^2 /NDF:538.4/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -54.134 $\pm$ 0.535 χ^2 /NDF: 1203.4/32
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 9.187 $\pm$ 0.536 χ^2 /NDF: 120.7/16

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

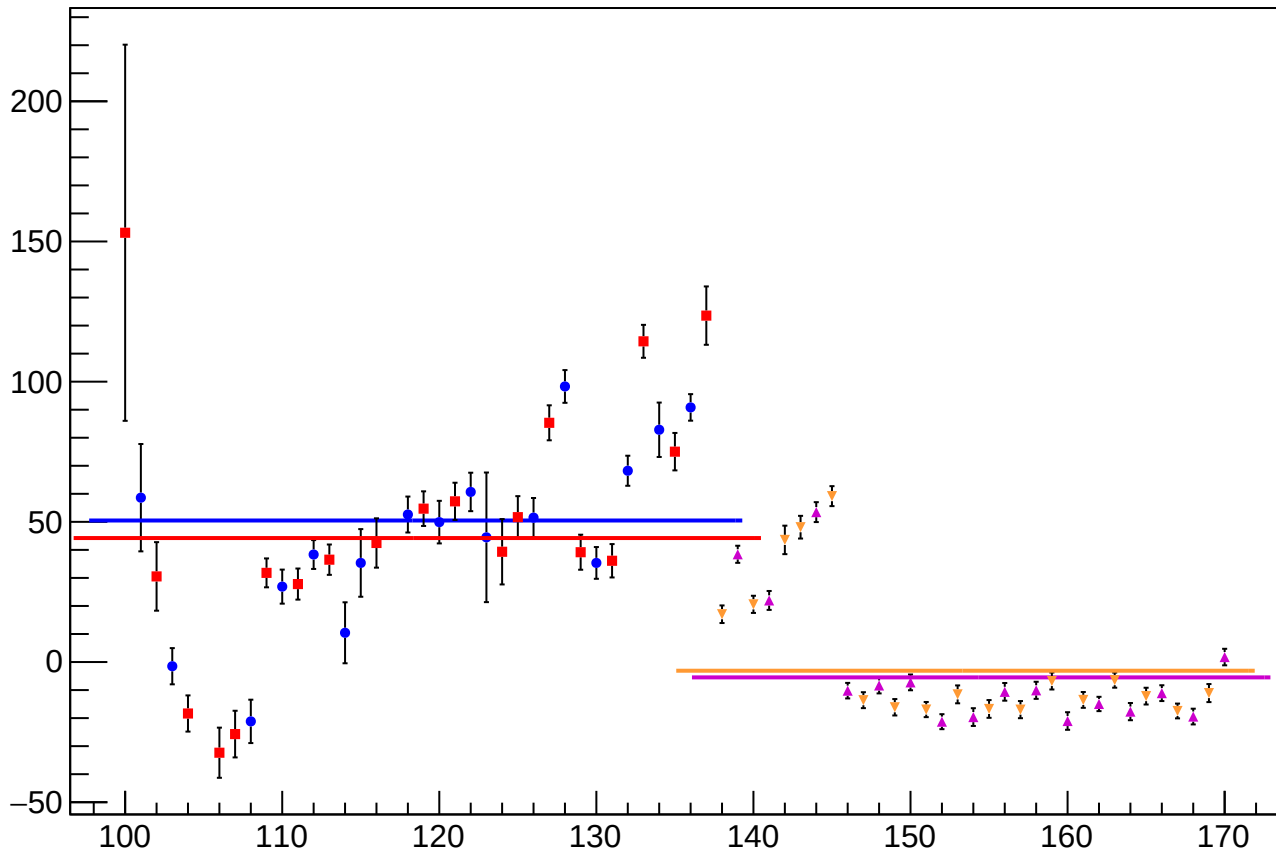
Left In: 8.919 $\pm$ 0.547 χ^2 /NDF: 112.0/15

+ sign 11.544 $\pm$ 0.461 χ^2 /NDF: 399.9/33

All: 11.654 $\pm$ 0.326 χ^2 /NDF: 805.4/68

- sign 11.764 $\pm$ 0.462 χ^2 /NDF: 405.4/34

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 ± 1.668 χ^2/NDF : 357.9/16

Left Out: -3.097 ± 0.746 χ^2/NDF : 818.8/16

Right Out: 44.222 ± 1.602 χ^2/NDF : 534.4/18

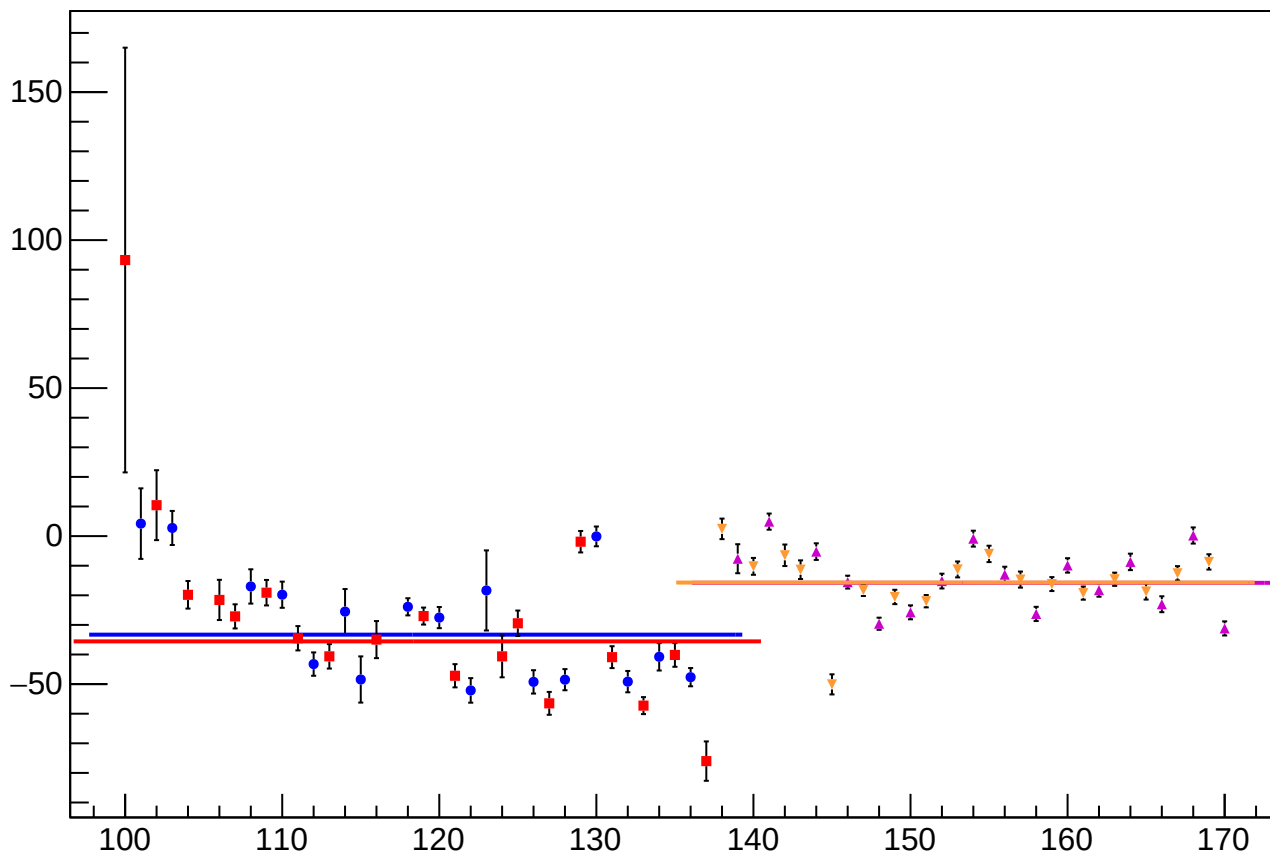
Left In: -5.477 ± 0.739 χ^2/NDF : 702.3/15

+ sign 5.842 ± 0.681 χ^2/NDF : 2036.4/33

All: 4.517 ± 0.478 χ^2/NDF : 4073.8/68

- sign 3.233 ± 0.671 χ^2/NDF : 2030.0/34

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -15.690 ± 0.625 χ^2/NDF : 184.7/16

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

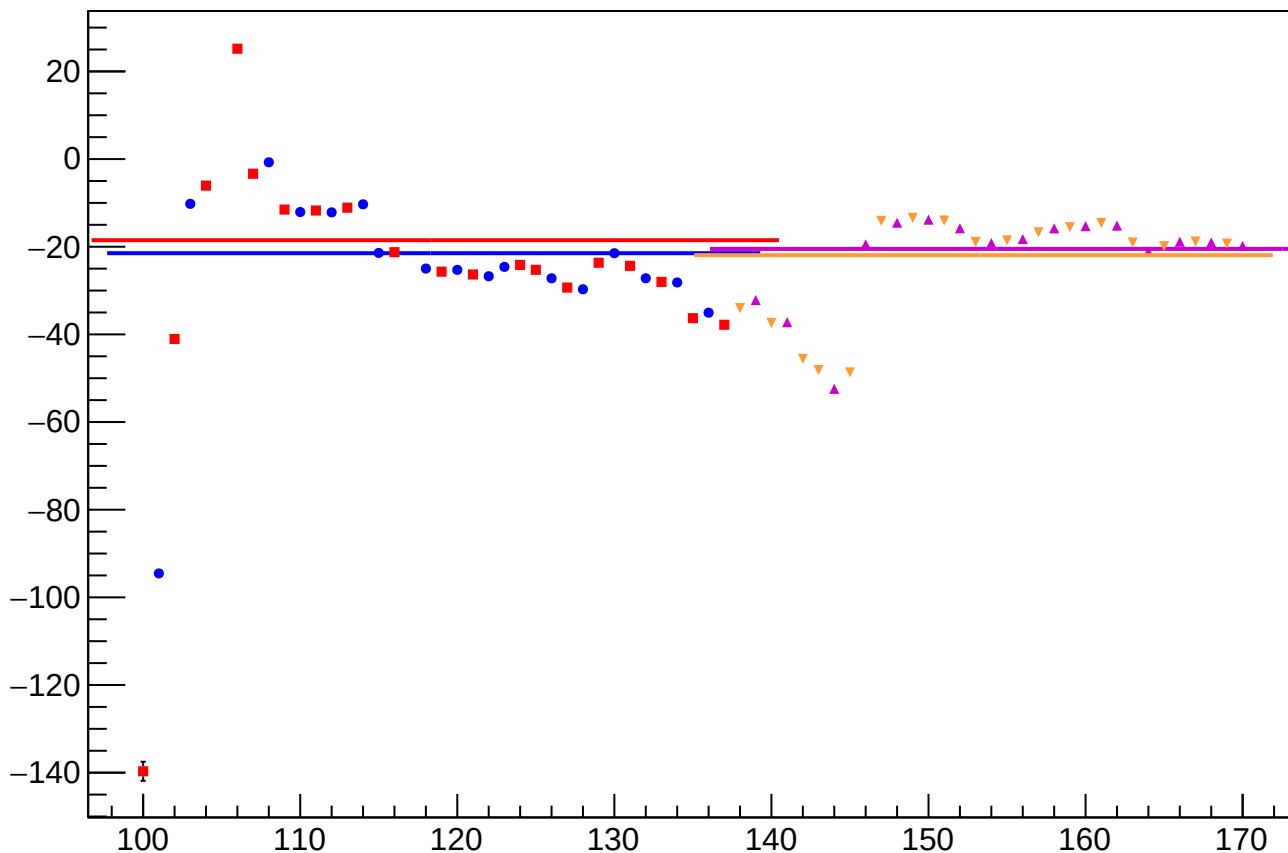
Left In: -15.784 ± 0.634 χ^2/NDF : 285.2/15

+ sign -20.405 ± 0.535 χ^2/NDF : 686.4/33

All: -20.959 ± 0.378 χ^2/NDF : 1543.6/68

- sign -21.512 ± 0.534 χ^2/NDF : 855.0/34

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 χ^2/NDF : 49009.8/16

Left Out: -21.918 ± 0.029 χ^2/NDF : 126518.7/16

Right Out: -18.506 ± 0.057 χ^2/NDF : 80734.5/18

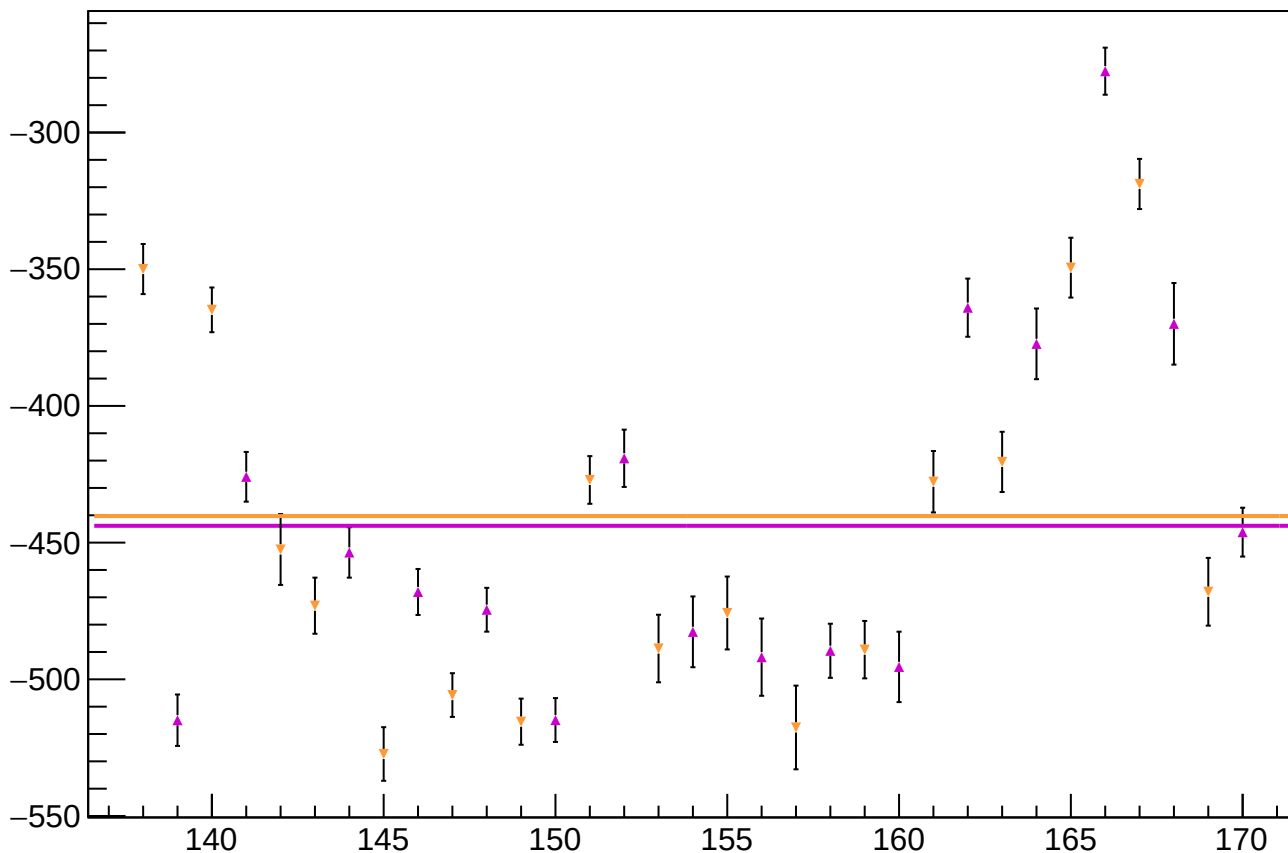
Left In: -20.497 ± 0.029 χ^2/NDF : 84454.8/15

+ sign -21.830 ± 0.026 χ^2/NDF : 175574.0/33

All: -20.949 ± 0.018 χ^2/NDF : 343956.8/68

- sign -20.094 ± 0.026 χ^2/NDF : 166150.0/34

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -440.286+/-2.469 χ^2/NDF : 744.1/16

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

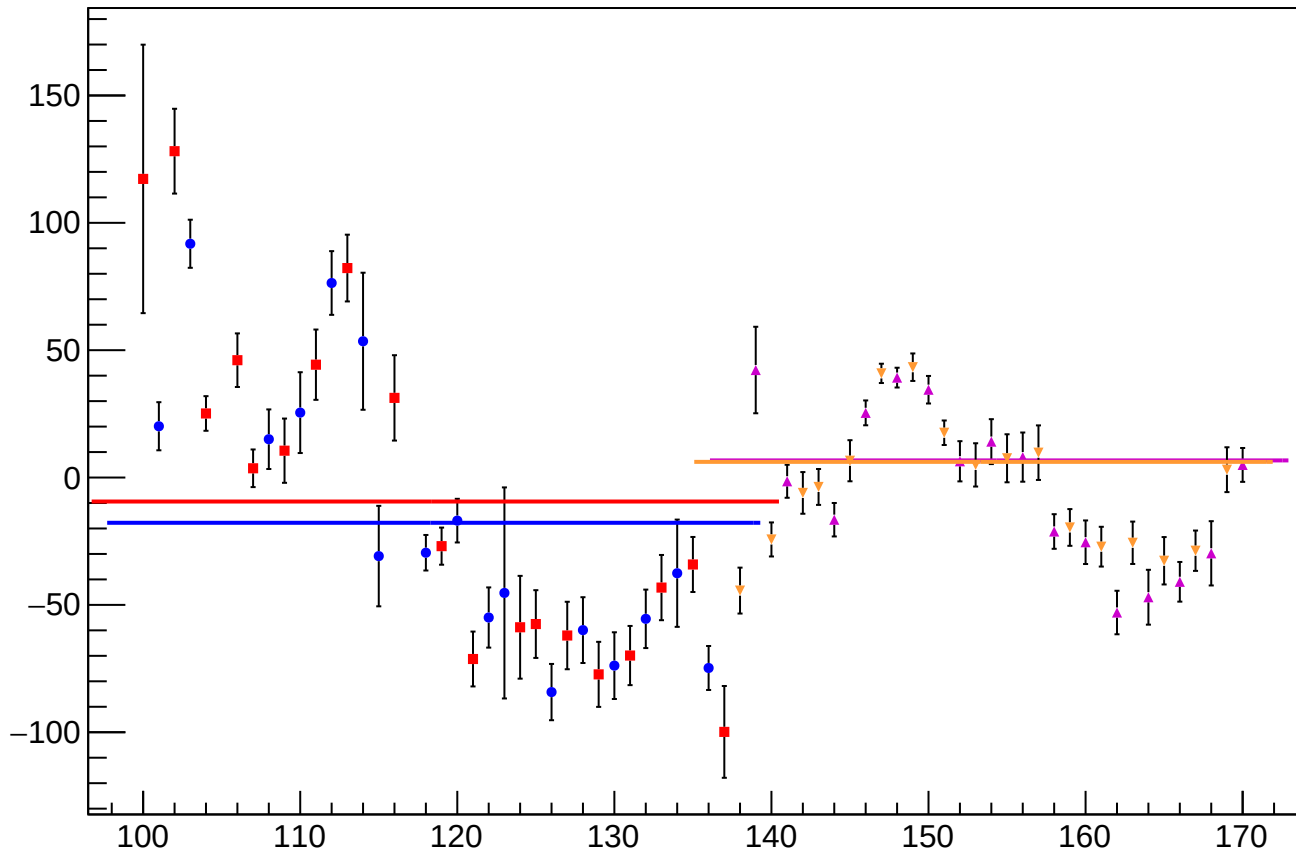
Left In: -443.845+/-2.484 χ^2/NDF : 707.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.055+/-1.751 χ^2/NDF : 1452.8/32

- 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: 6.154 ± 1.675 χ^2/NDF : 276.2/16

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

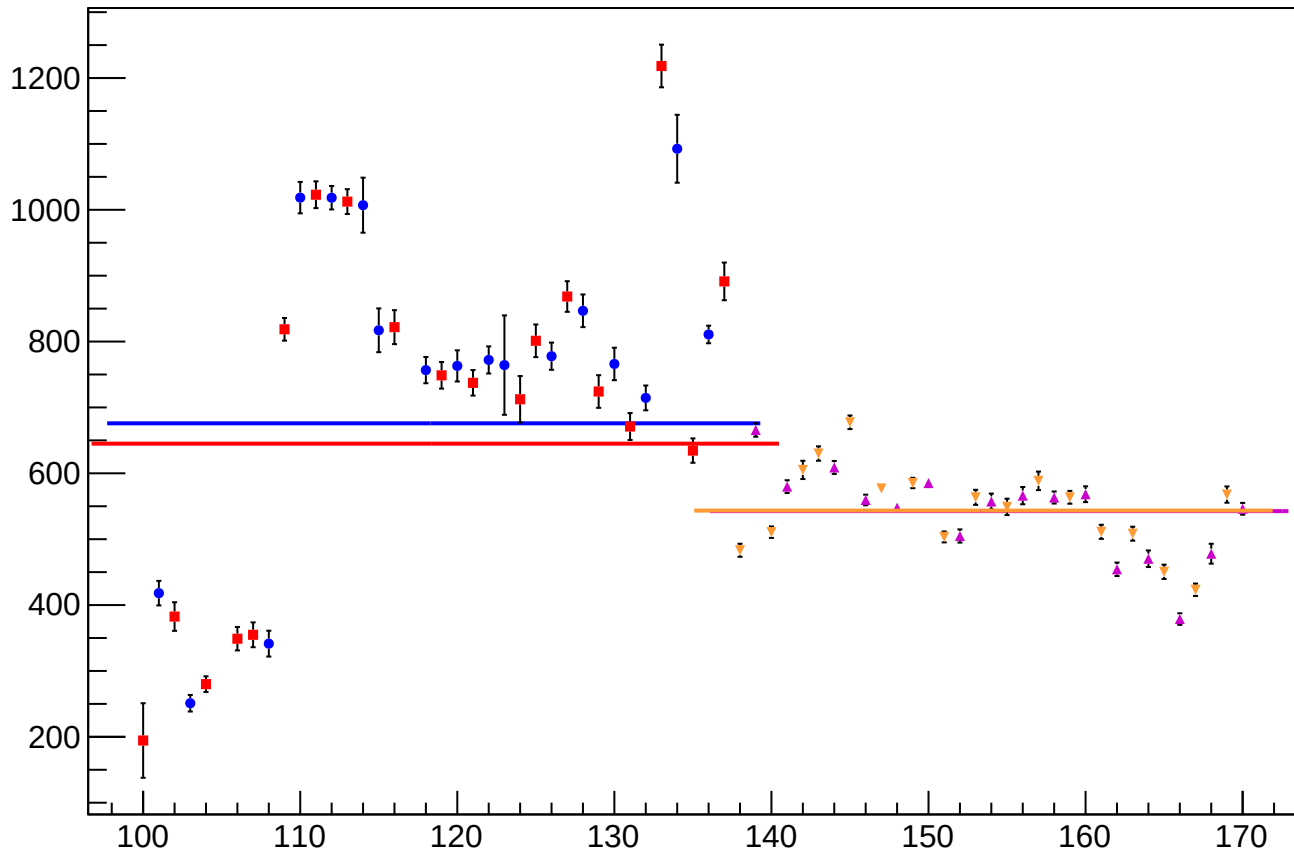
Left In: 6.725 ± 1.726 χ^2/NDF : 280.9/15

+ sign -0.209 ± 1.435 χ^2/NDF : 694.3/33

All: 0.802 ± 1.016 χ^2/NDF : 1372.4/68

- sign 1.822 ± 1.440 χ^2/NDF : 677.0/34

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 $\chi^2/\text{NDF}: 2586.4/16$

Left Out: 543.423 ± 2.438 $\chi^2/\text{NDF}: 651.2/16$

Right Out: 645.014 ± 4.761 $\chi^2/\text{NDF}: 3123.3/18$

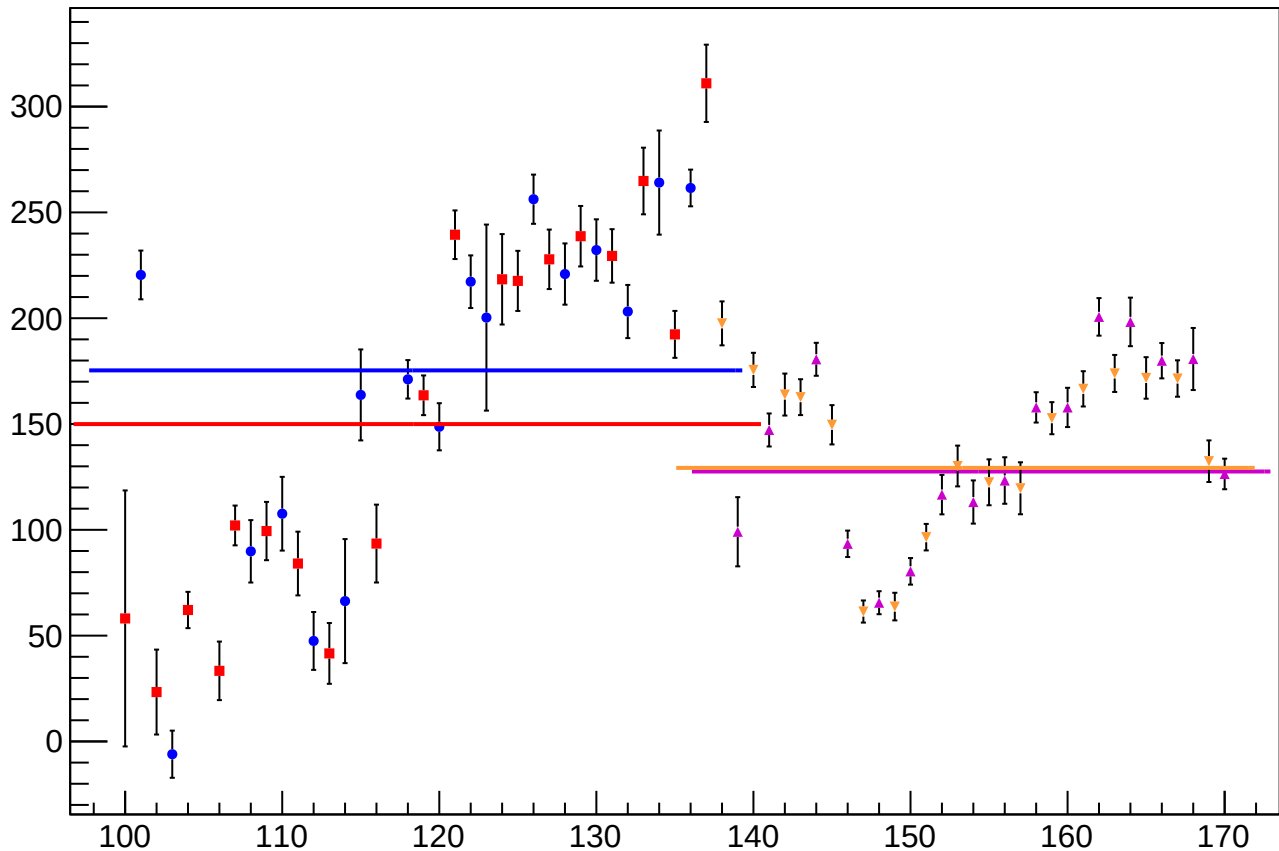
Left In: 542.601 ± 2.433 $\chi^2/\text{NDF}: 747.3/15$

+ sign 568.559 ± 2.194 $\chi^2/\text{NDF}: 3797.7/33$

All: 566.152 ± 1.542 $\chi^2/\text{NDF}: 8037.6/68$

- sign 563.807 ± 2.166 $\chi^2/\text{NDF}: 4237.5/34$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 129.267 $\pm$ 1.997 χ^2 /NDF: 505.3/16

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

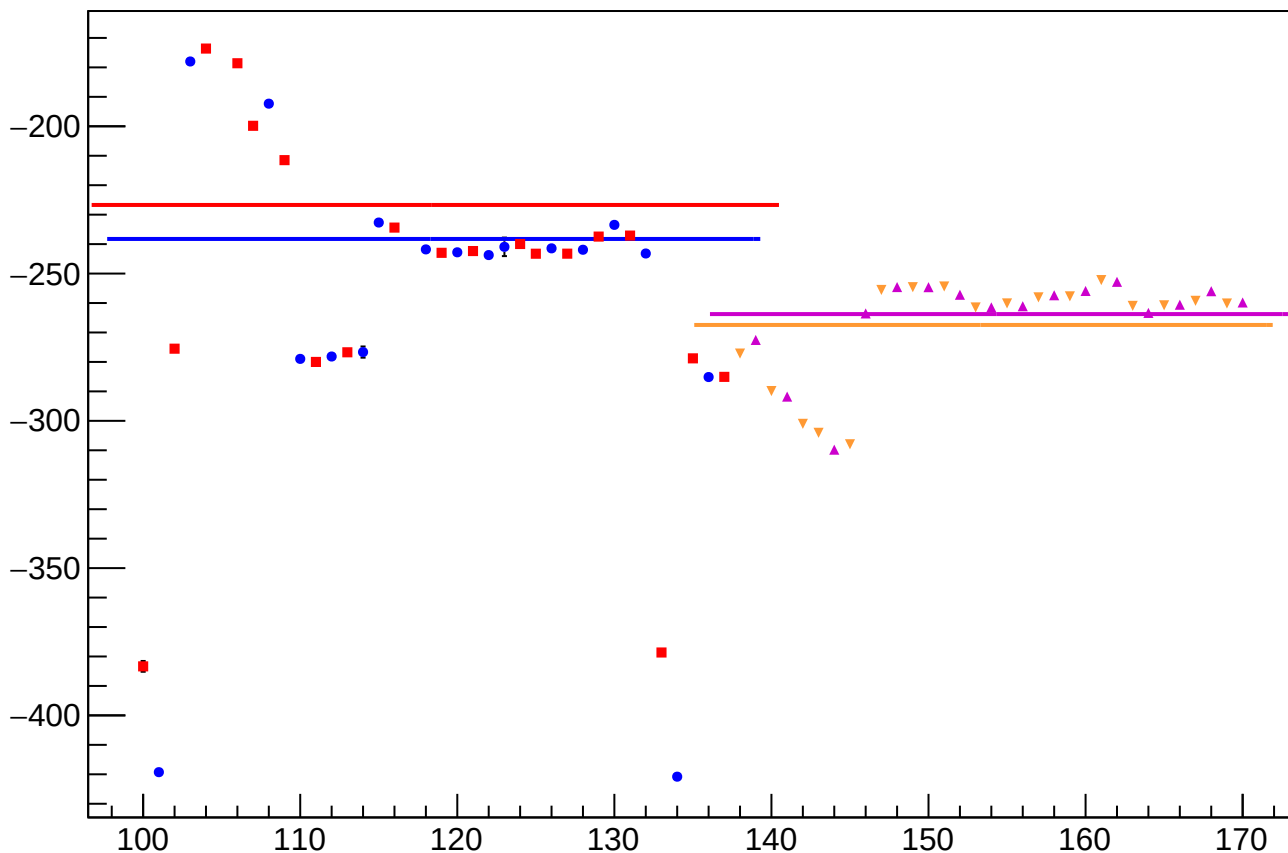
Left In: 127.558 $\pm$ 2.039 χ^2 /NDF: 462.6/15

+ sign 142.160 $\pm$ 1.694 χ^2 /NDF: 1292.8/33

All: 138.329 $\pm$ 1.198 χ^2 /NDF: 2496.2/68

- sign 134.497 $\pm$ 1.694 χ^2 /NDF: 1193.1/34

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -267.446+/-0.098 χ^2/NDF : 32626.9/16

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

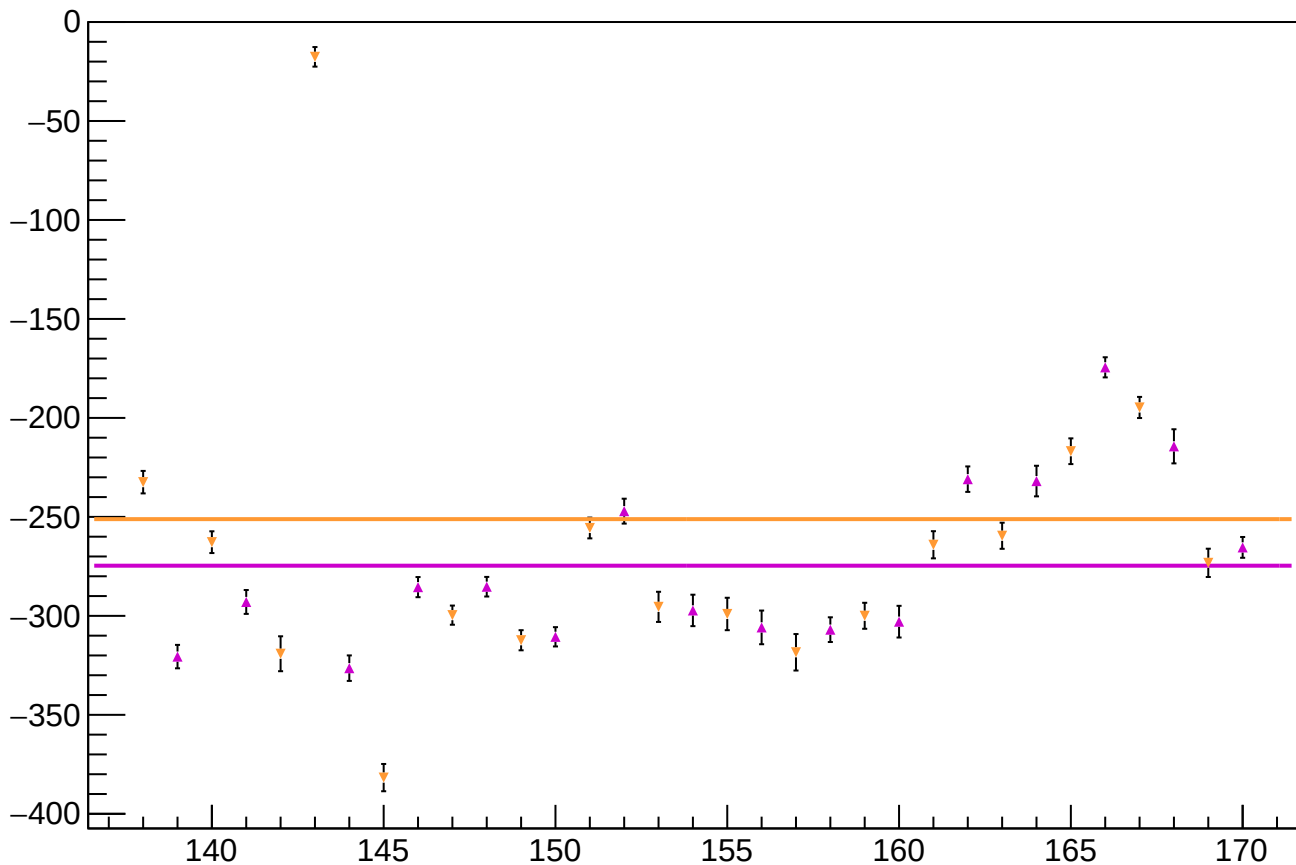
Left In: -263.755+/-0.097 χ^2/NDF : 20933.2/15

+ sign -259.484+/-0.084 χ^2/NDF : 223996.9/33

All: -256.146+/-0.058 χ^2/NDF : 393490.6/68

- sign -252.963+/-0.082 χ^2/NDF : 166372.7/34

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -251.137+/-1.497 χ^2/NDF : 3240.1/16

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

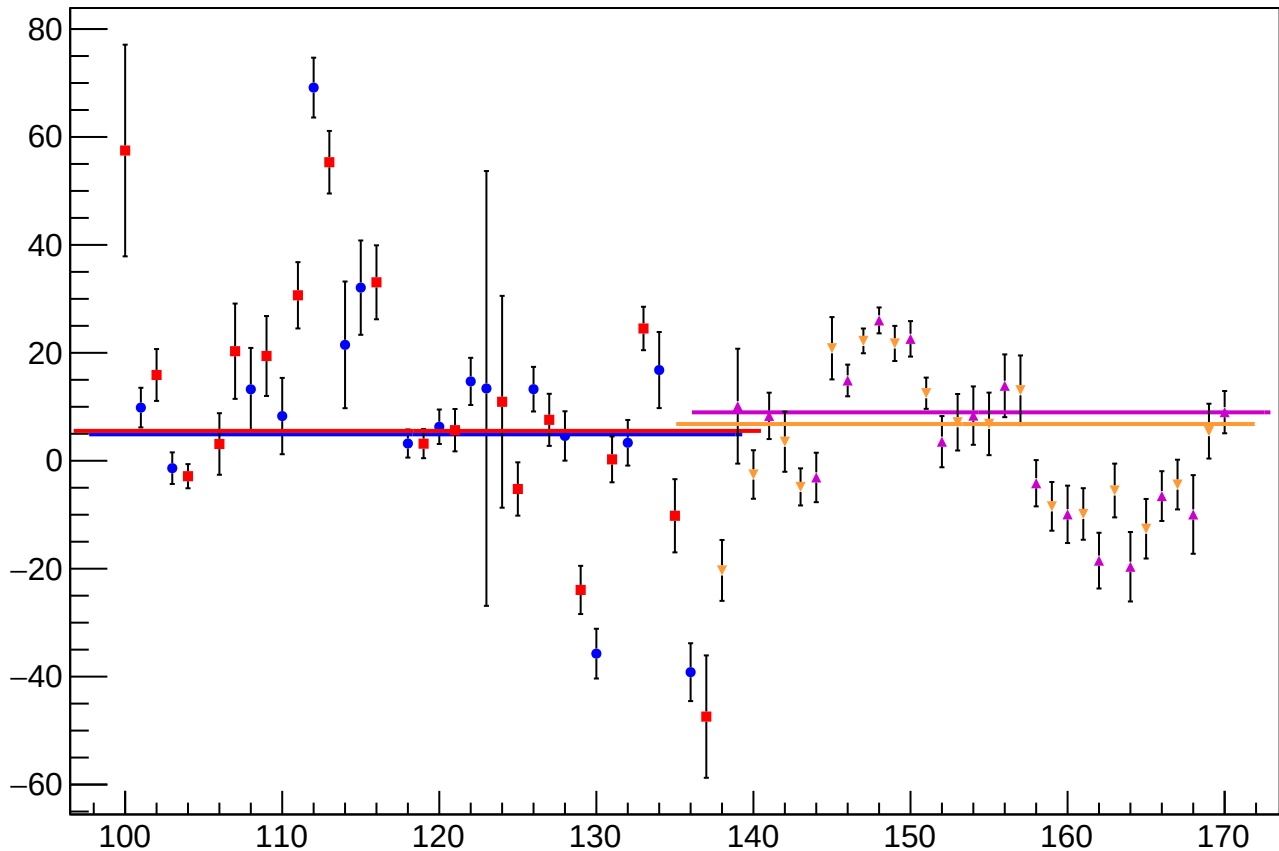
Left In: -274.655+/-1.530 χ^2/NDF : 794.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.639+/-1.070 χ^2/NDF : 4155.2/32

- 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: 6.808 ± 1.014 χ^2/NDF : 164.2/16

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

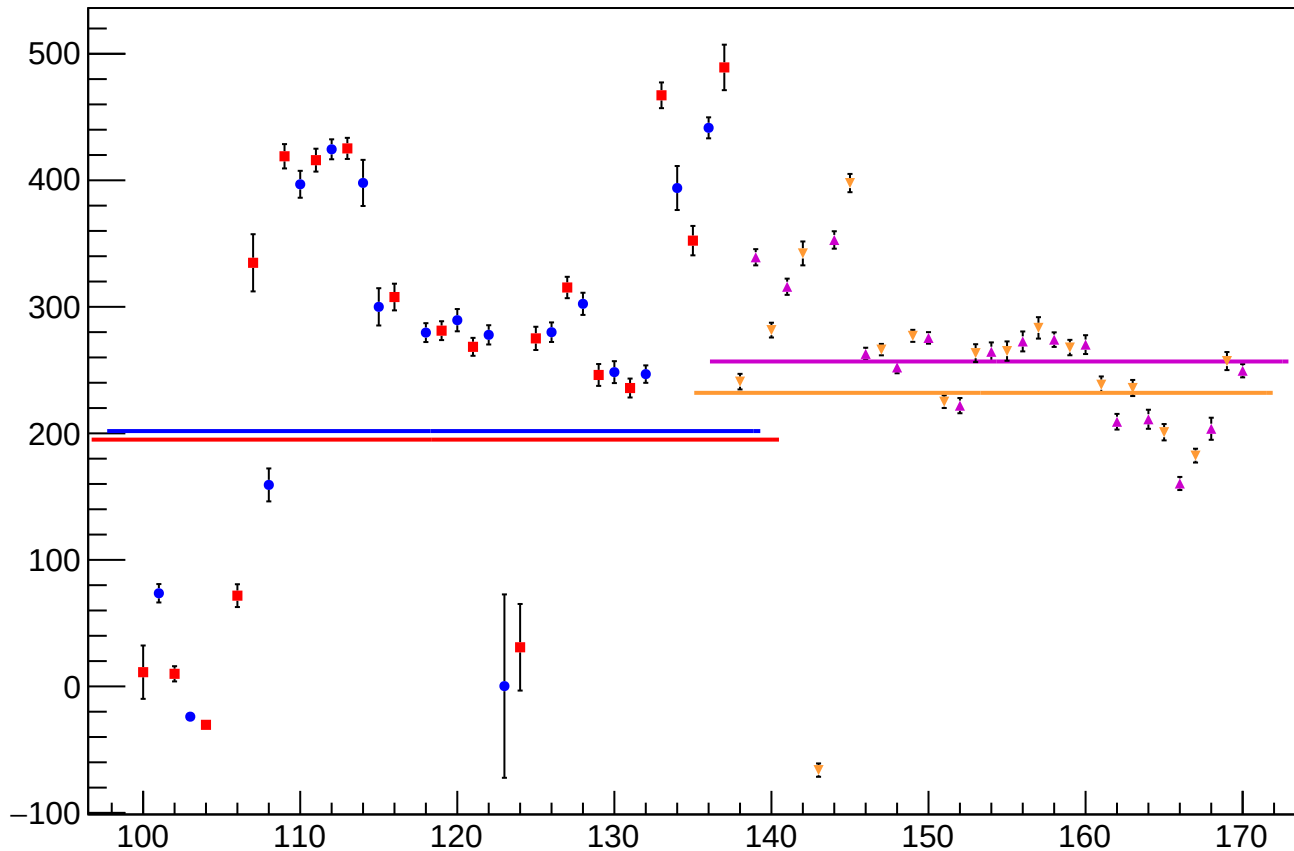
Left In: 8.971 ± 1.064 χ^2/NDF : 168.8/15

+ sign 5.921 ± 0.742 χ^2/NDF : 477.8/33

All: 6.581 ± 0.529 χ^2/NDF : 892.5/68

- sign 7.264 ± 0.755 χ^2/NDF : 413.1/34

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 232.024 $\pm$ 1.477 χ^2 /NDF: 4304.2/16

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

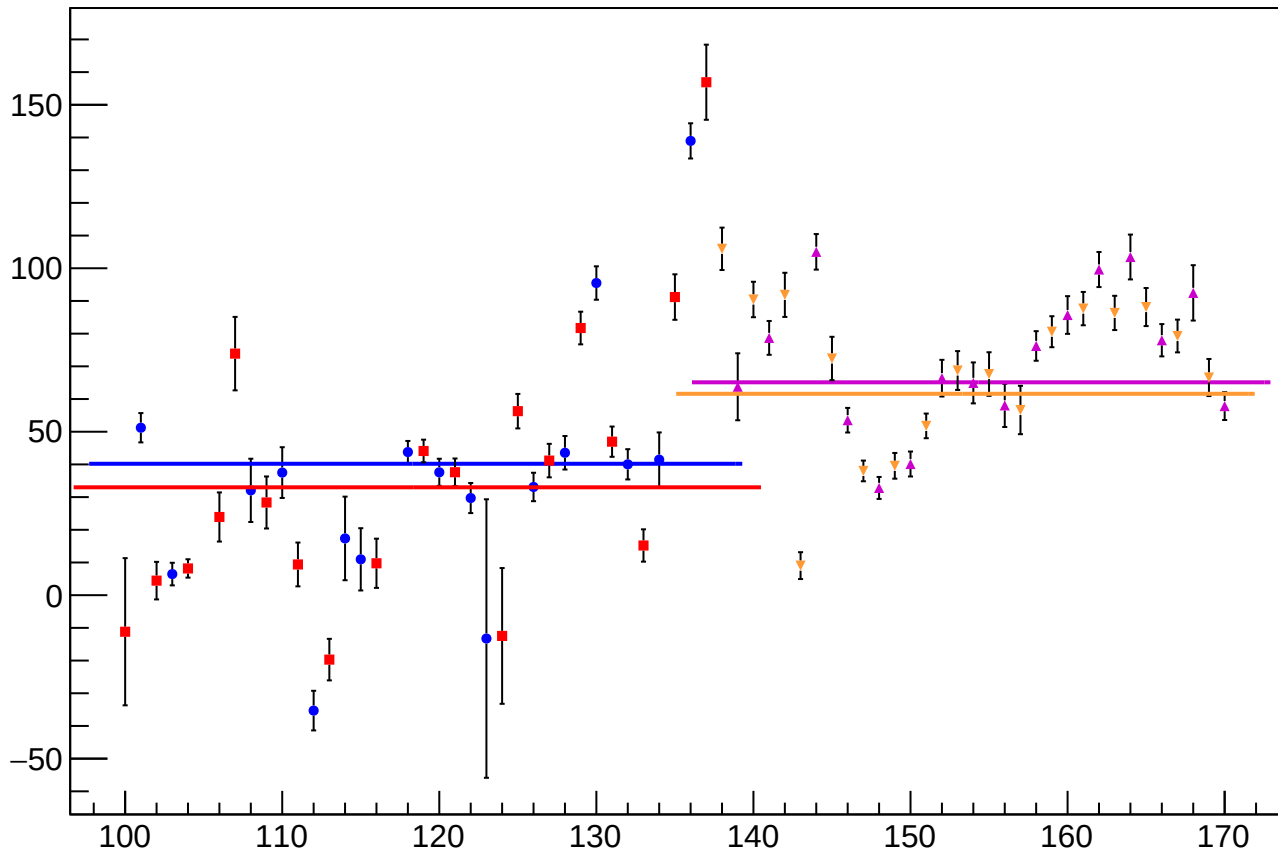
Left In: 256.804 $\pm$ 1.496 χ^2 /NDF: 996.0/15

+ sign 221.150 $\pm$ 1.182 χ^2 /NDF: 11209.0/33

All: 227.355 $\pm$ 0.835 χ^2 /NDF: 21159.1/68

- sign 233.549 $\pm$ 1.181 χ^2 /NDF: 9895.0/34

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF : 735.0/16

Left Out: 61.600+/-1.208 χ^2/NDF : 456.4/16

Right Out: 32.999+/-1.253 χ^2/NDF : 554.1/18

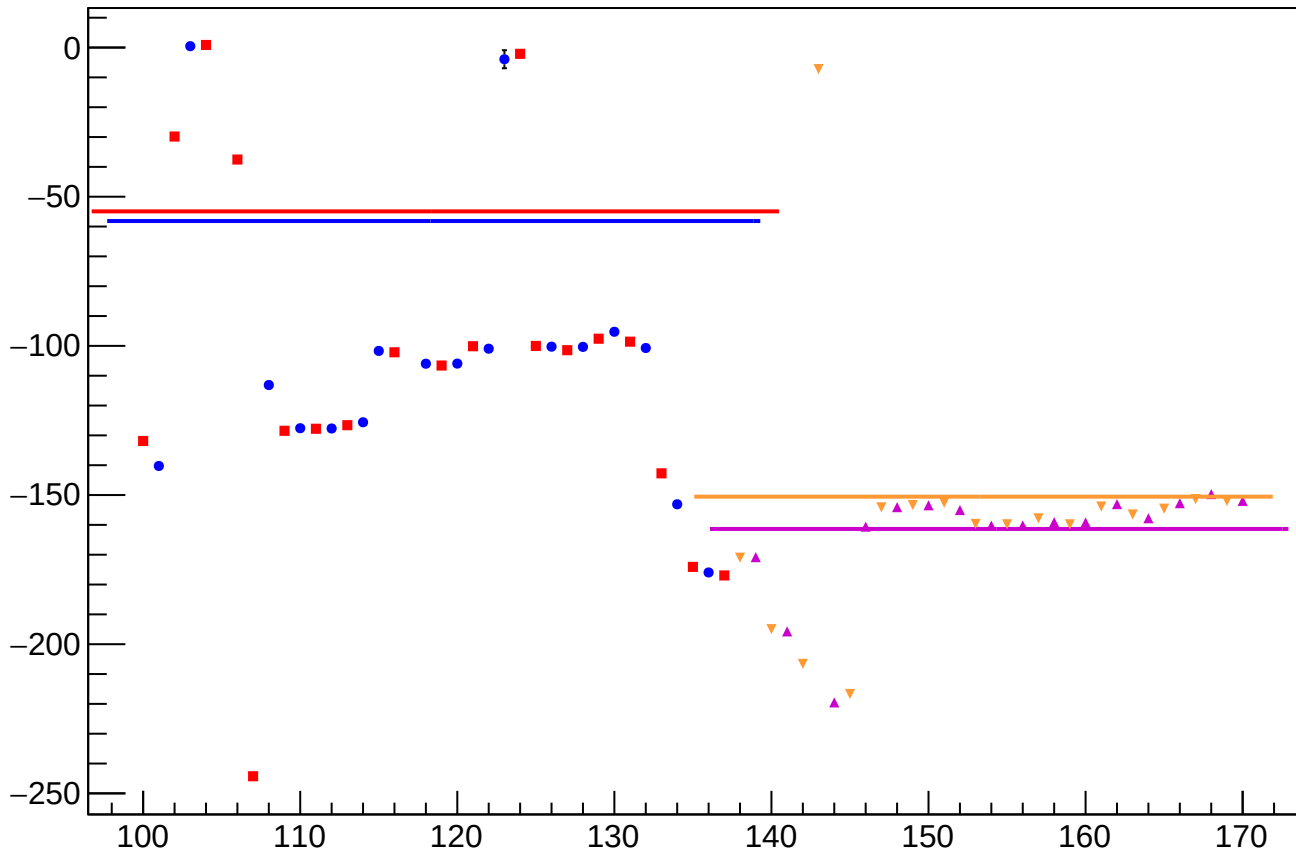
Left In: 65.115+/-1.256 χ^2/NDF : 318.4/15

+ sign 51.414+/-0.874 χ^2/NDF : 1340.8/33

All: 50.230+/-0.623 χ^2/NDF : 2544.8/68

- sign 49.013+/-0.887 χ^2/NDF : 1200.3/34

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -150.539 ± 0.059 $\chi^2/\text{NDF}: 579889.0/16$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

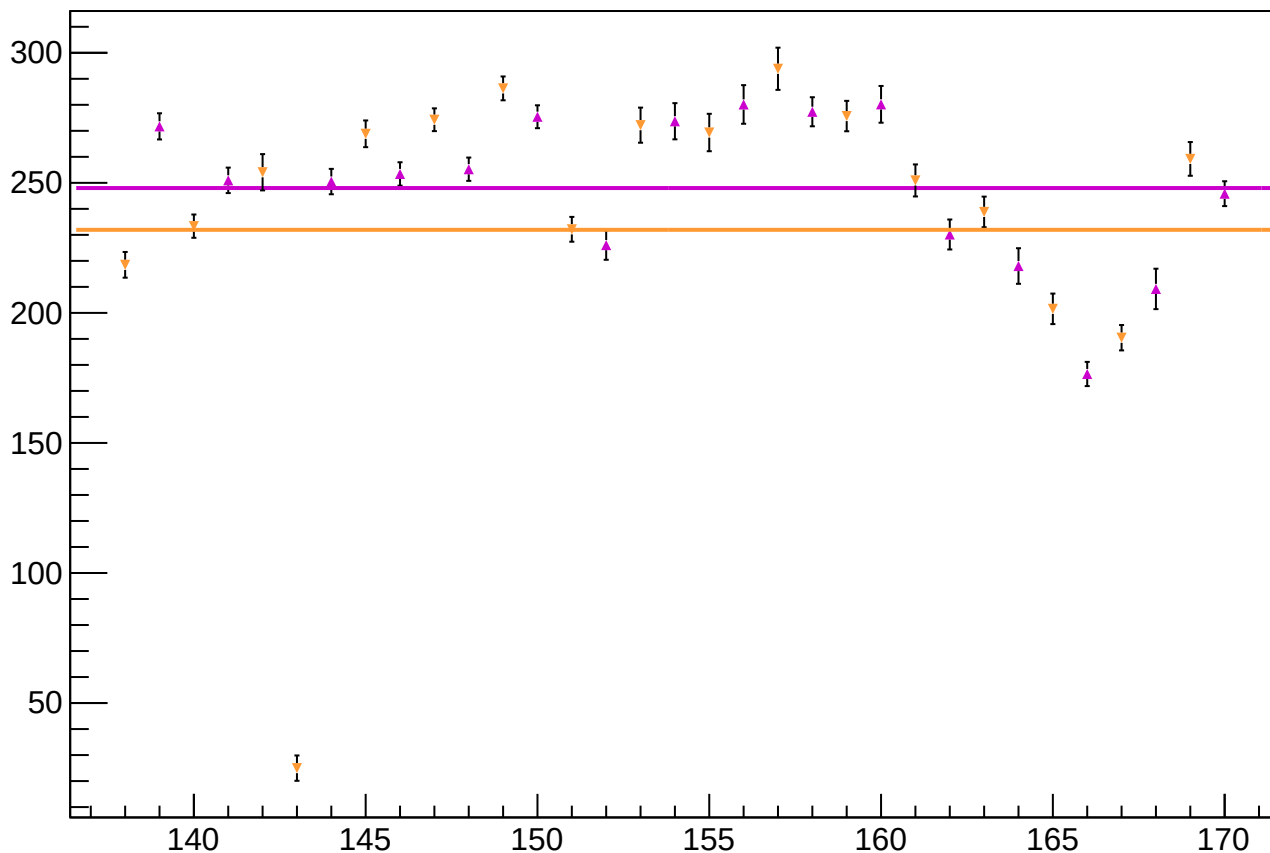
Left In: -161.362 ± 0.060 $\chi^2/\text{NDF}: 66625.6/15$

+ sign -106.087 ± 0.043 $\chi^2/\text{NDF}: 2853365.5/33$

All: -107.435 ± 0.030 $\chi^2/\text{NDF}: 5506361.4/68$

- sign -108.760 ± 0.042 $\chi^2/\text{NDF}: 2651020.7/34$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 231.942+/-1.323 χ^2/NDF :2413.9/16

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

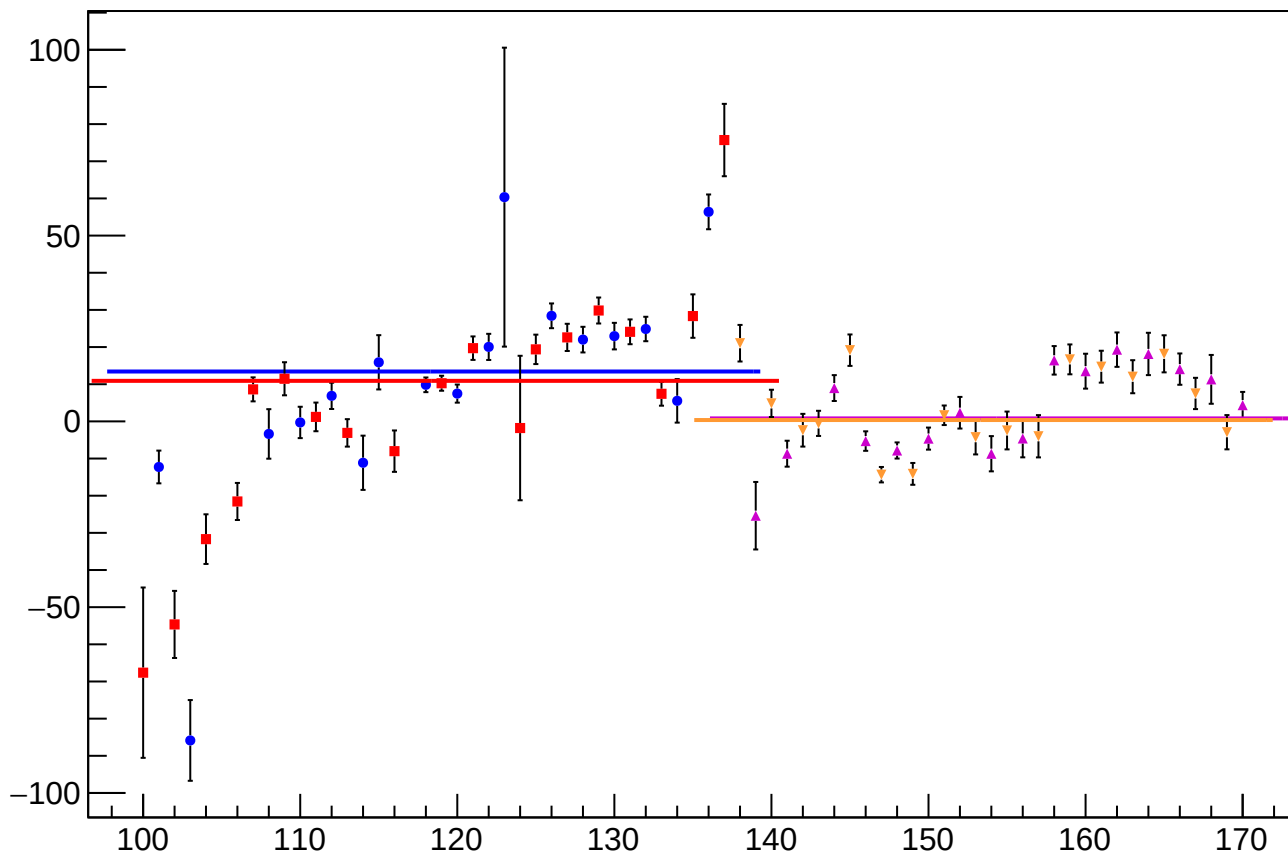
Left In: 248.004+/-1.343 χ^2/NDF :451.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.855+/-0.943 χ^2/NDF : 2938.1/32

- 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: 0.362+/-0.902 χ^2/NDF : 166.7/16

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

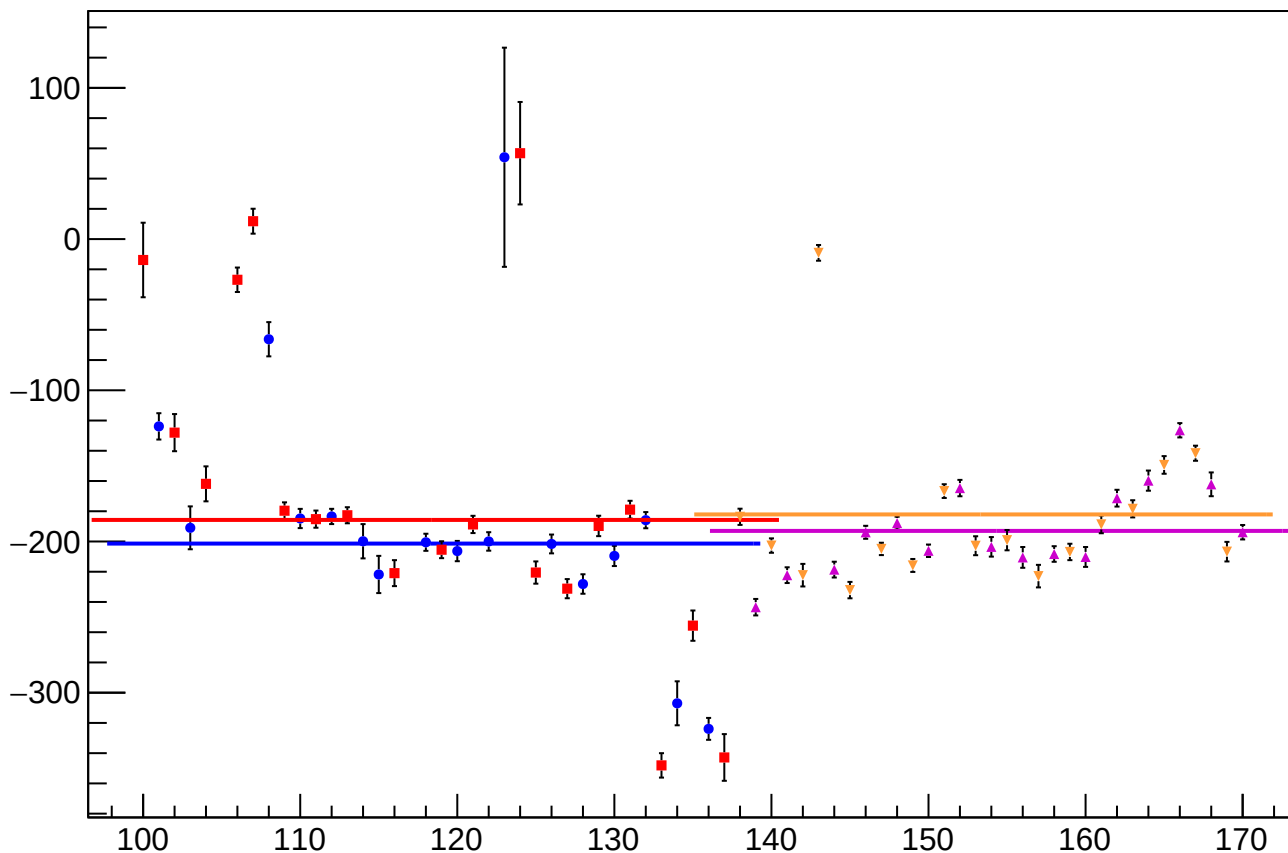
Left In: 0.803+/-0.939 χ^2/NDF : 113.7/15

+ sign 6.767+/-0.644 χ^2/NDF : 564.7/33

All: 6.379+/-0.459 χ^2/NDF : 1041.1/68

- sign 5.978+/-0.656 χ^2/NDF : 475.7/34

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -182.105 ± 1.309 χ^2/NDF : 1526.3/16

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

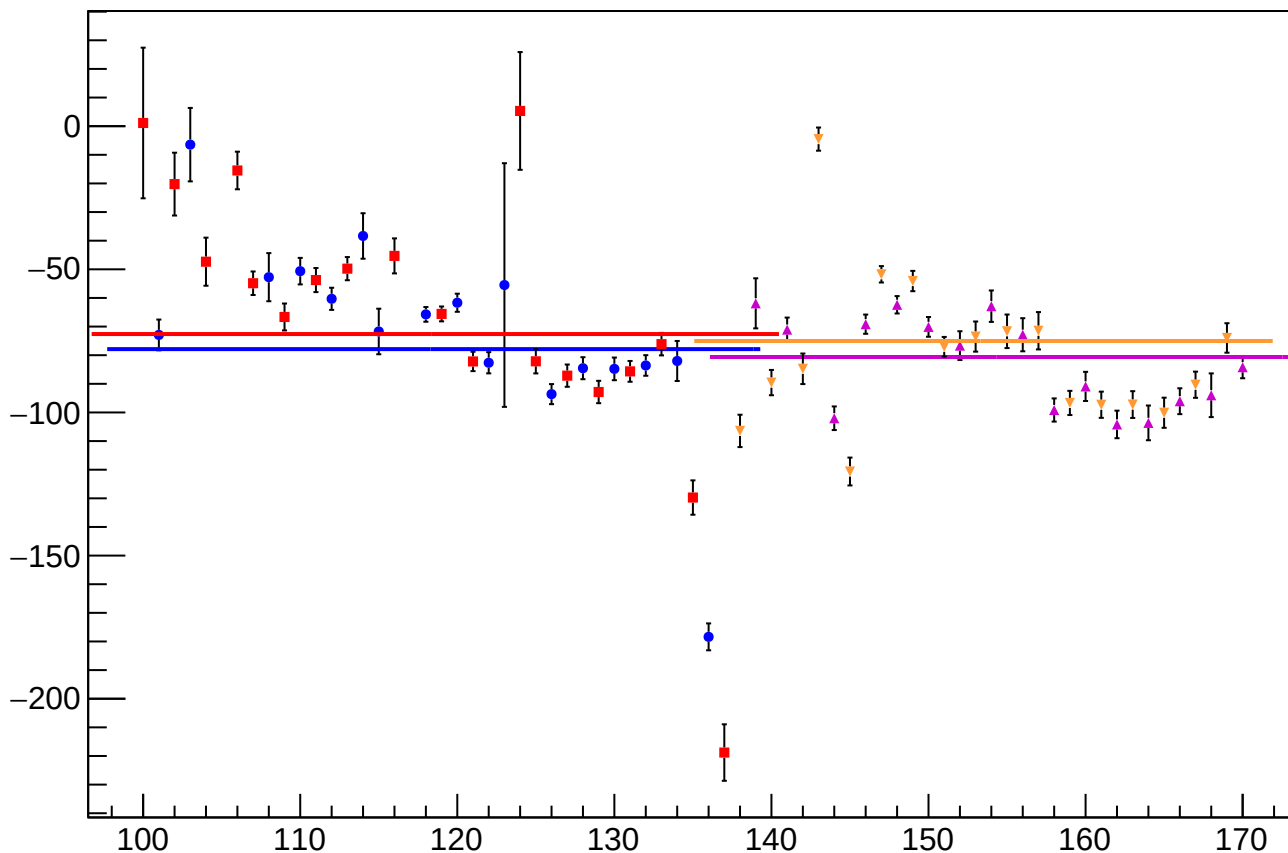
Left In: -192.998 ± 1.317 χ^2/NDF : 458.1/15

+ sign -188.875 ± 1.055 χ^2/NDF : 2226.0/33

All: -189.584 ± 0.741 χ^2/NDF : 4445.6/68

- sign -190.276 ± 1.041 χ^2/NDF : 2218.8/34

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -75.037 ± 1.074 χ^2/NDF : 645.3/16

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

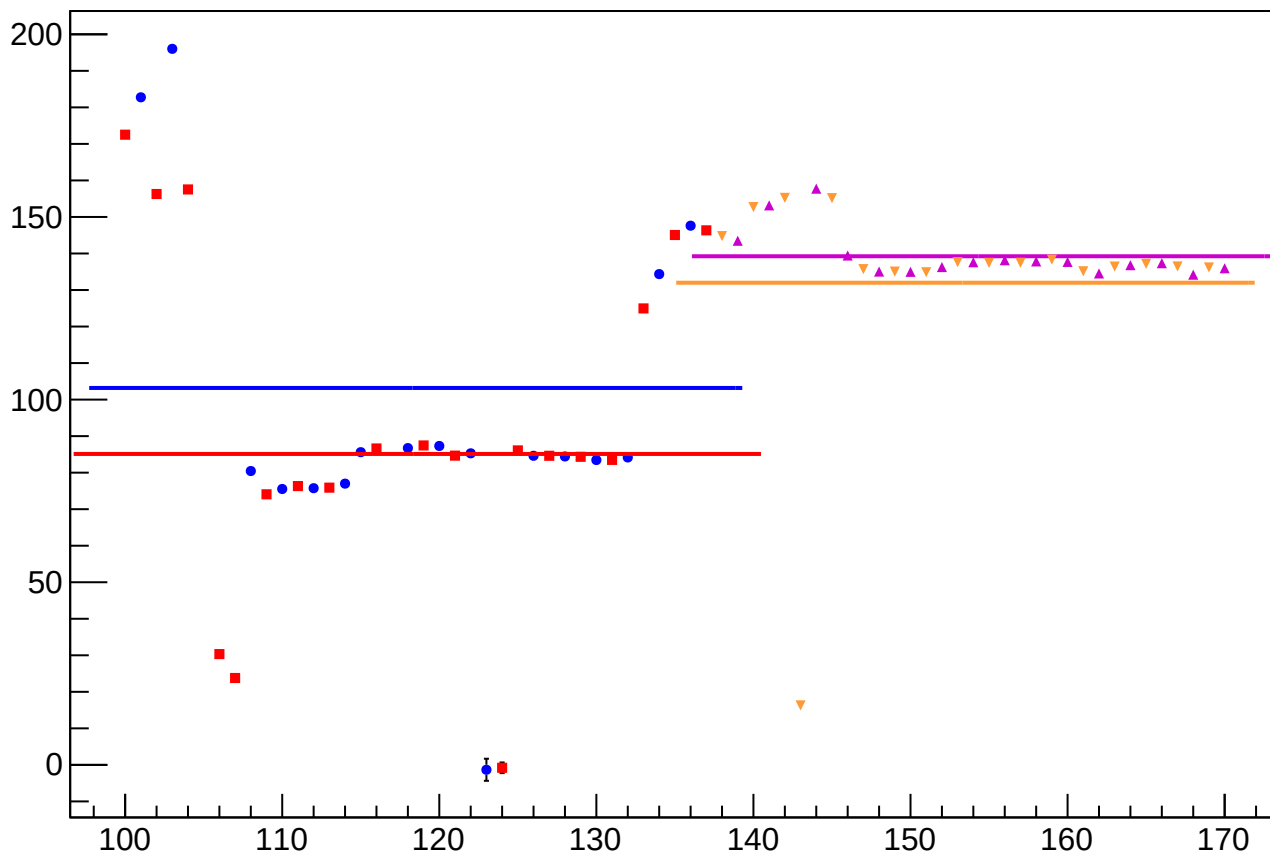
Left In: -80.632 ± 1.107 χ^2/NDF : 185.6/15

+ sign -76.468 ± 0.756 χ^2/NDF : 1307.0/33

All: -76.446 ± 0.537 χ^2/NDF : 2126.9/68

- sign -76.423 ± 0.763 χ^2/NDF : 820.0/34

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 131.996 $\pm$ 0.052 χ^2 /NDF: 346396.8/16

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

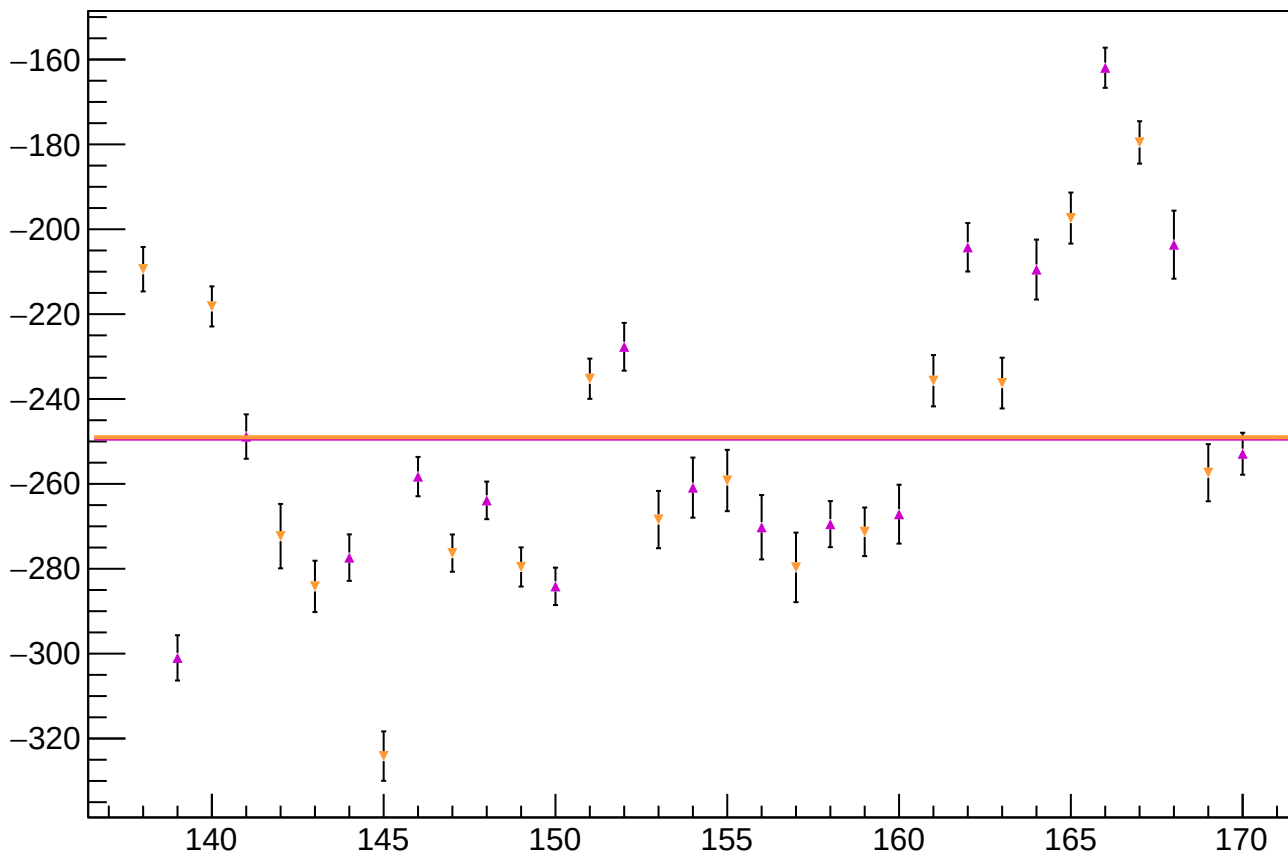
Left In: 139.243 $\pm$ 0.052 χ^2 /NDF: 14188.6/15

+ sign 121.689 $\pm$ 0.042 χ^2 /NDF: 727721.5/33

All: 119.463 $\pm$ 0.029 χ^2 /NDF: 1601043.2/68

- sign 117.402 $\pm$ 0.040 χ^2 /NDF: 867931.6/34

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -249.017+/-1.373 χ^2/NDF : 717.6/16

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

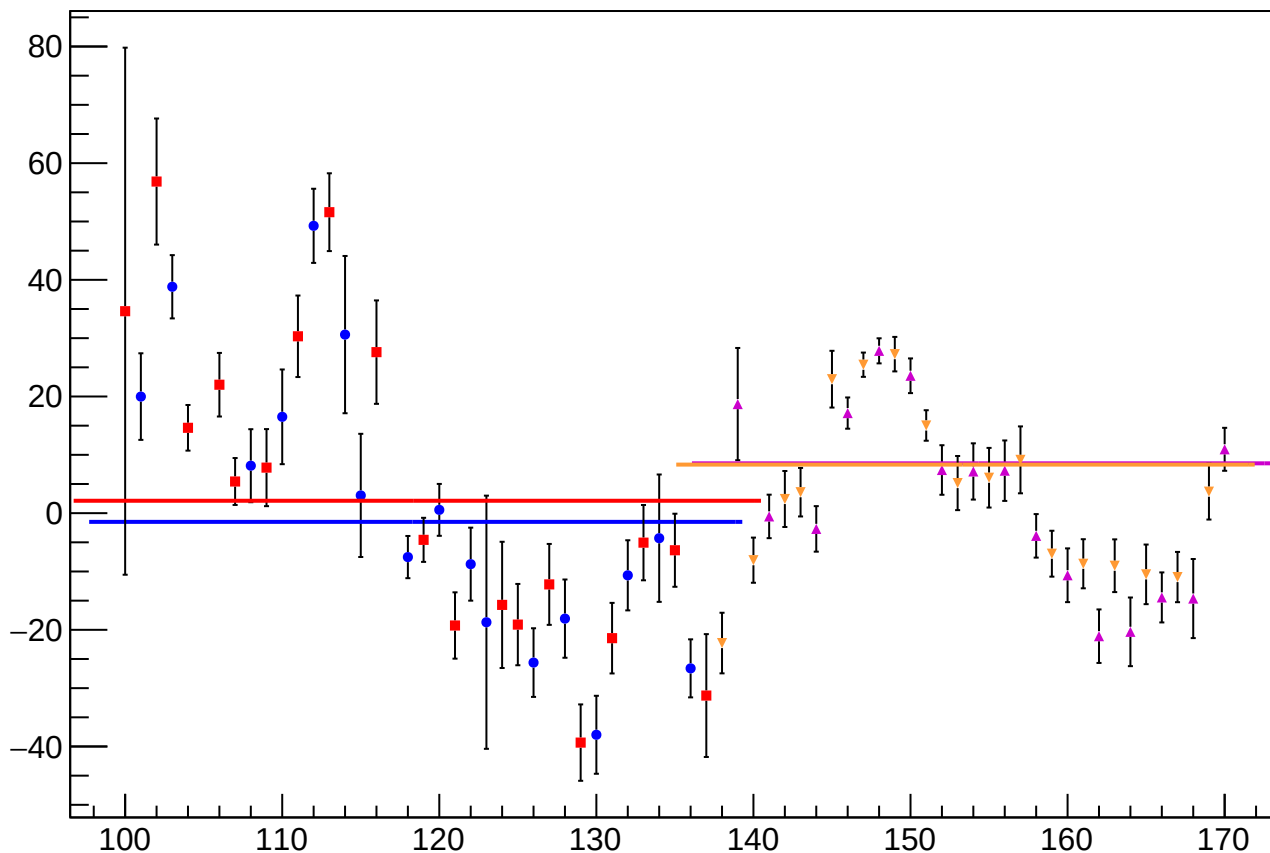
Left In: -249.339+/-1.375 χ^2/NDF : 709.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.178+/-0.972 χ^2/NDF : 1427.6/32

- 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: 8.325 ± 0.929 χ^2/NDF : 261.0/16

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

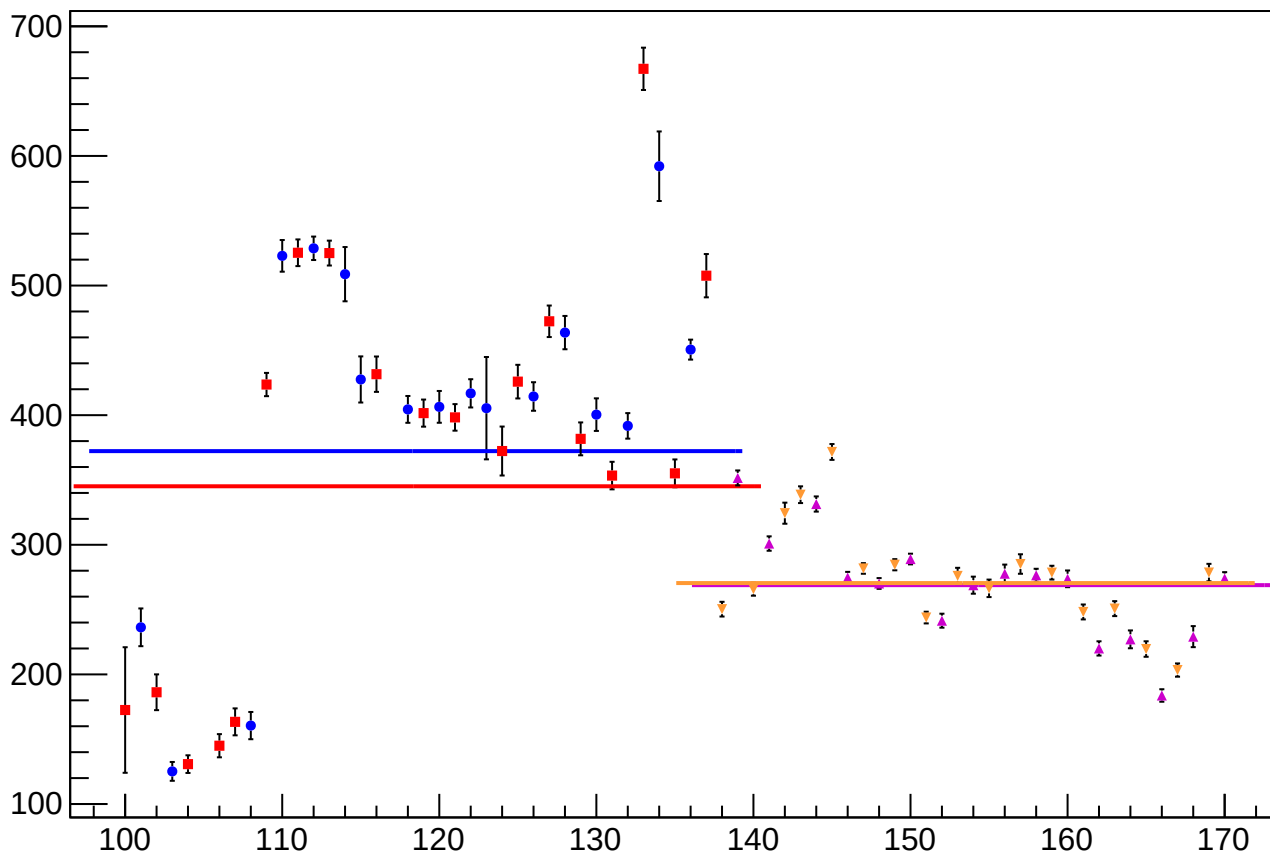
Left In: 8.543 ± 0.954 χ^2/NDF : 267.0/15

+ sign 5.640 ± 0.791 χ^2/NDF : 517.7/33

All: 6.077 ± 0.559 χ^2/NDF : 1032.3/68

- sign 6.512 ± 0.789 χ^2/NDF : 513.9/34

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 270.467 $\pm$ 1.351 χ^2 /NDF:775.9/16

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

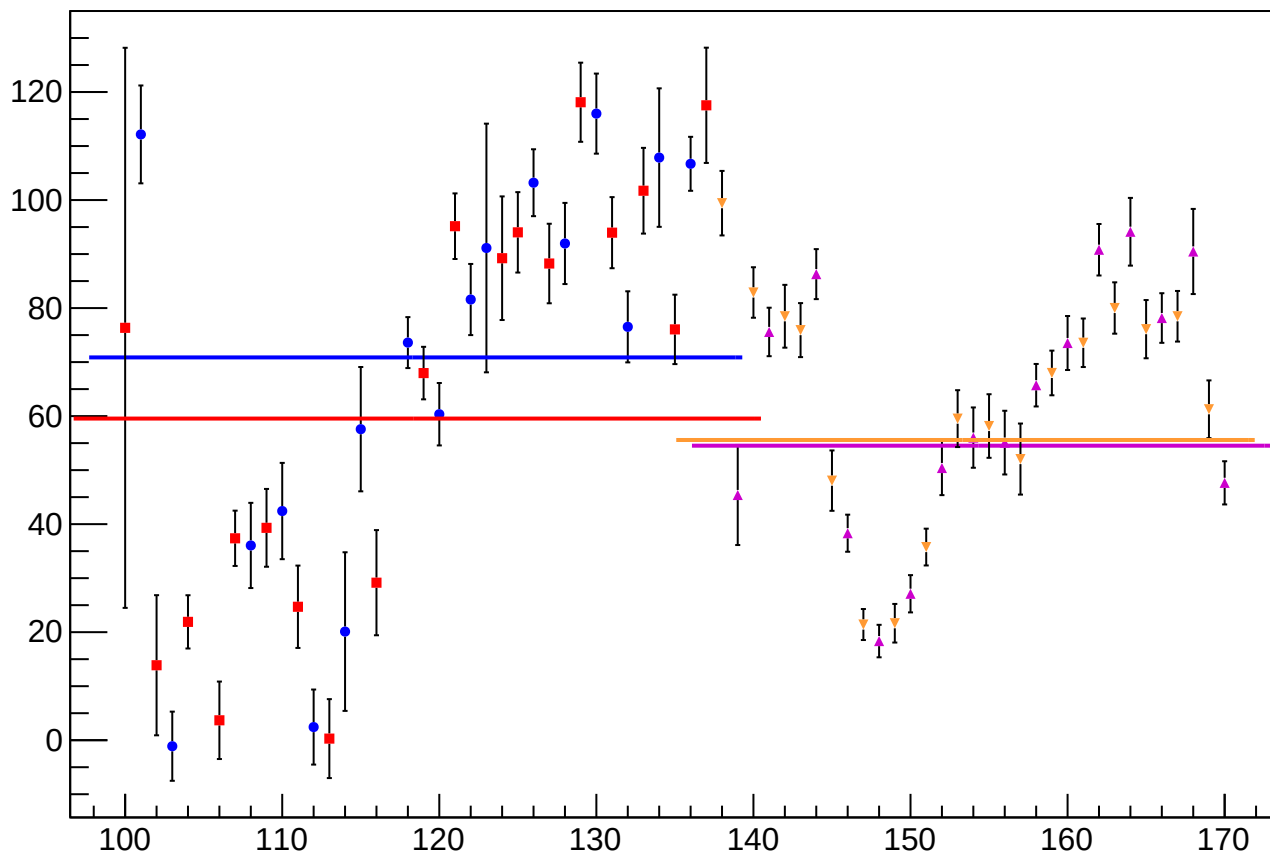
Left In: 268.863 $\pm$ 1.344 χ^2 /NDF:860.9/15

+ sign 290.160 $\pm$ 1.214 χ^2 /NDF: 4306.6/33

All: 287.688 $\pm$ 0.850 χ^2 /NDF: 9287.2/68

- sign 285.313 $\pm$ 1.190 χ^2 /NDF: 4972.4/34

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 55.579 $\pm$ 1.107 χ^2 /NDF: 479.6/16

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

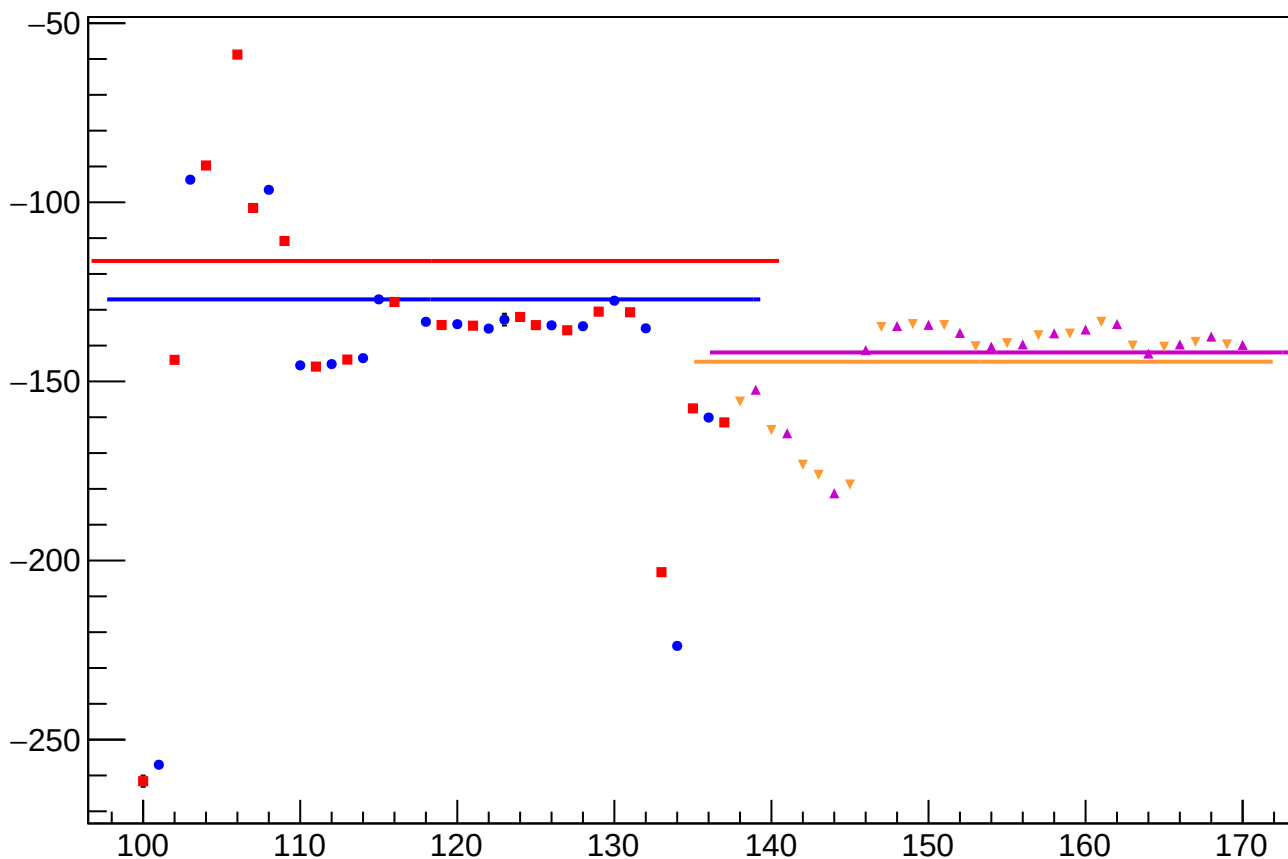
Left In: 54.525 $\pm$ 1.126 χ^2 /NDF: 471.5/15

+ sign 59.971 $\pm$ 0.934 χ^2 /NDF: 961.4/33

All: 58.043 $\pm$ 0.658 χ^2 /NDF: 1938.7/68

- sign 56.144 $\pm$ 0.927 χ^2 /NDF: 968.8/34

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 $\pm$ 0.089 χ^2 /NDF: 167064.7/16

Left Out: -144.508 $\pm$ 0.054 χ^2 /NDF: 68899.5/16

Right Out: -116.369 $\pm$ 0.083 χ^2 /NDF: 167595.6/18

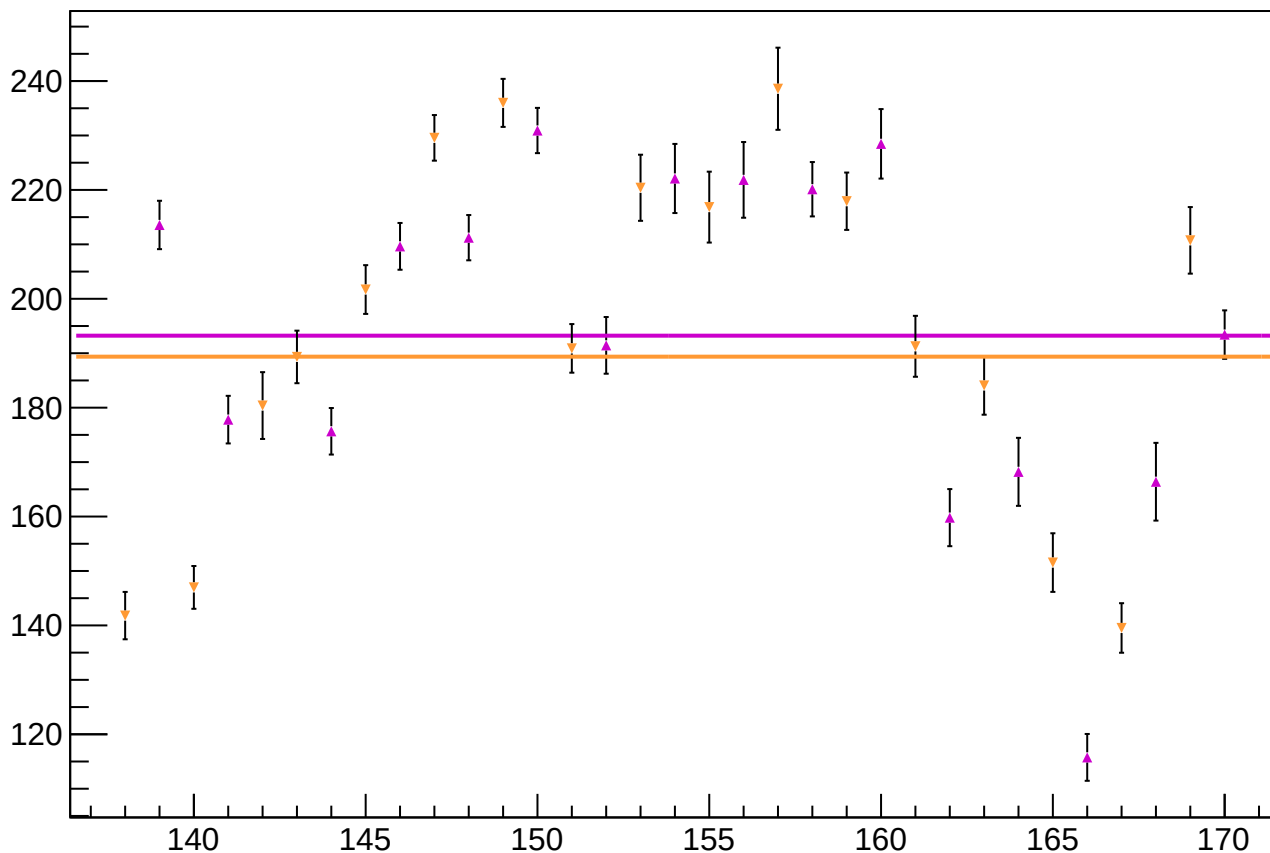
Left In: -141.910 $\pm$ 0.053 χ^2 /NDF: 43993.5/15

+ sign -139.832 $\pm$ 0.046 χ^2 /NDF: 263657.1/33

All: -137.039 $\pm$ 0.032 χ^2 /NDF: 549320.8/68

- sign -134.417 $\pm$ 0.045 χ^2 /NDF: 278625.7/34

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 189.370+/-1.216 χ^2/NDF : 747.7/16

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

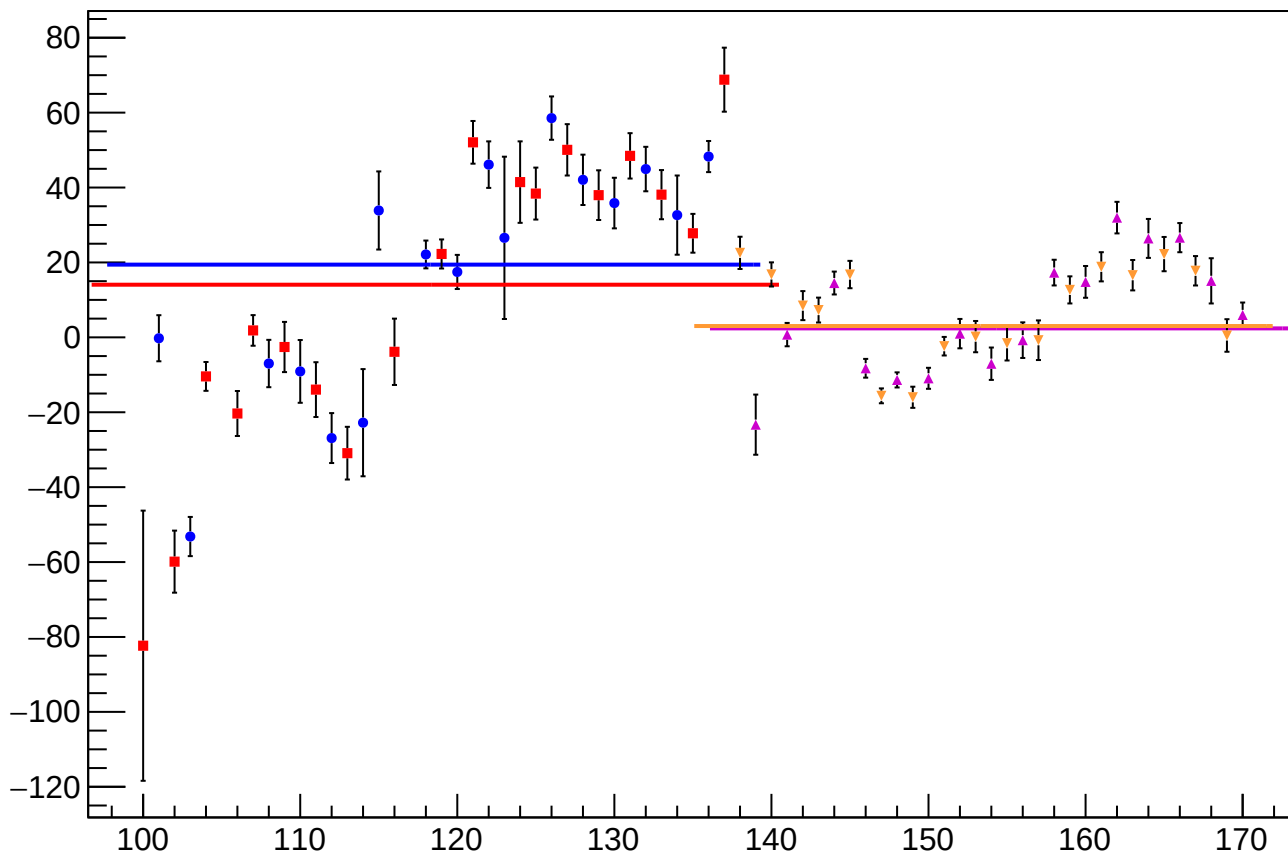
Left In: 193.225+/-1.230 χ^2/NDF : 658.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.275+/-0.865 χ^2/NDF : 1410.7/32

- 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: 3.021 ± 0.835 χ^2/NDF : 263.7/16

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

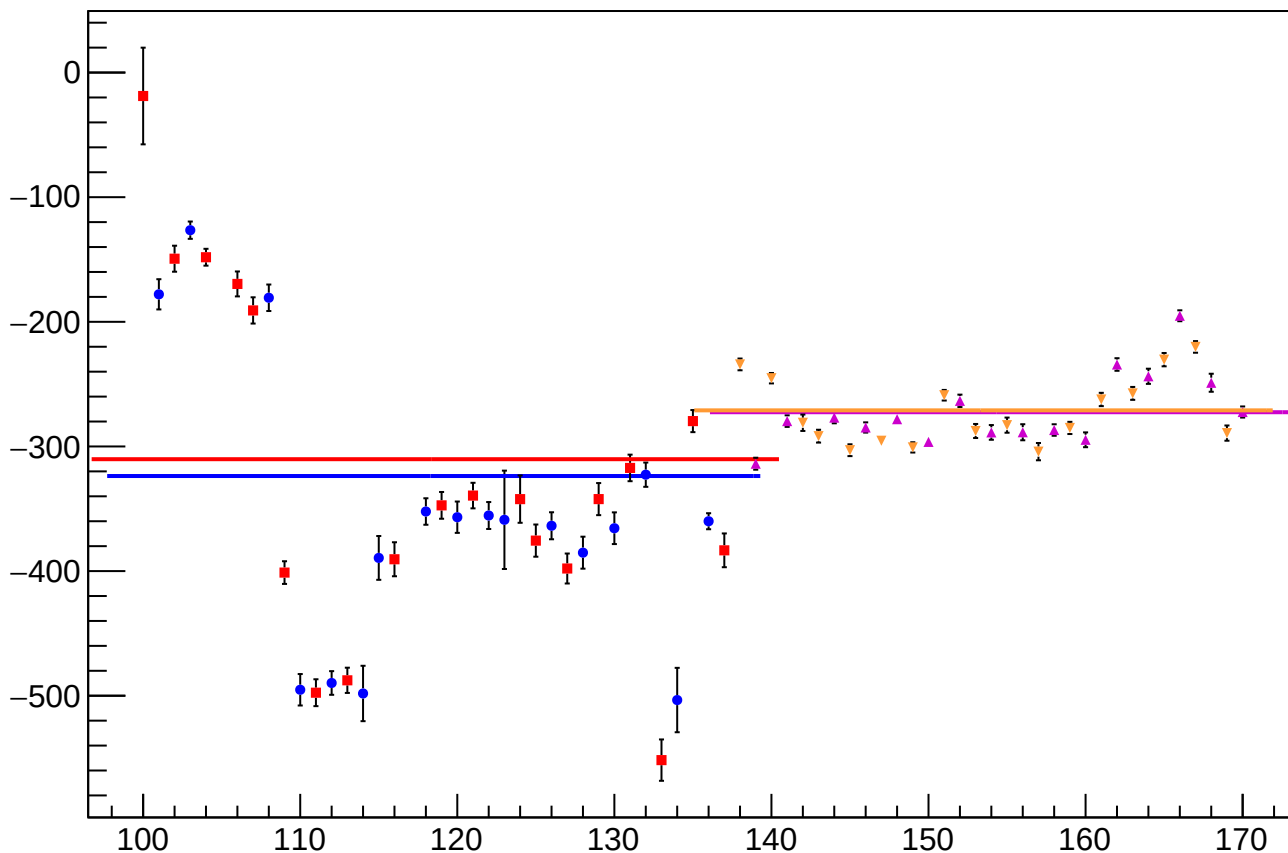
Left In: 2.392 ± 0.864 χ^2/NDF : 261.1/15

+ sign 6.983 ± 0.727 χ^2/NDF : 797.9/33

All: 6.316 ± 0.517 χ^2/NDF : 1547.9/68

- sign 5.636 ± 0.734 χ^2/NDF : 748.3/34

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF : 1850.8/16

Left Out: -271.038+/-1.206 χ^2/NDF : 500.9/16

Right Out: -310.223+/-2.523 χ^2/NDF : 2300.0/18

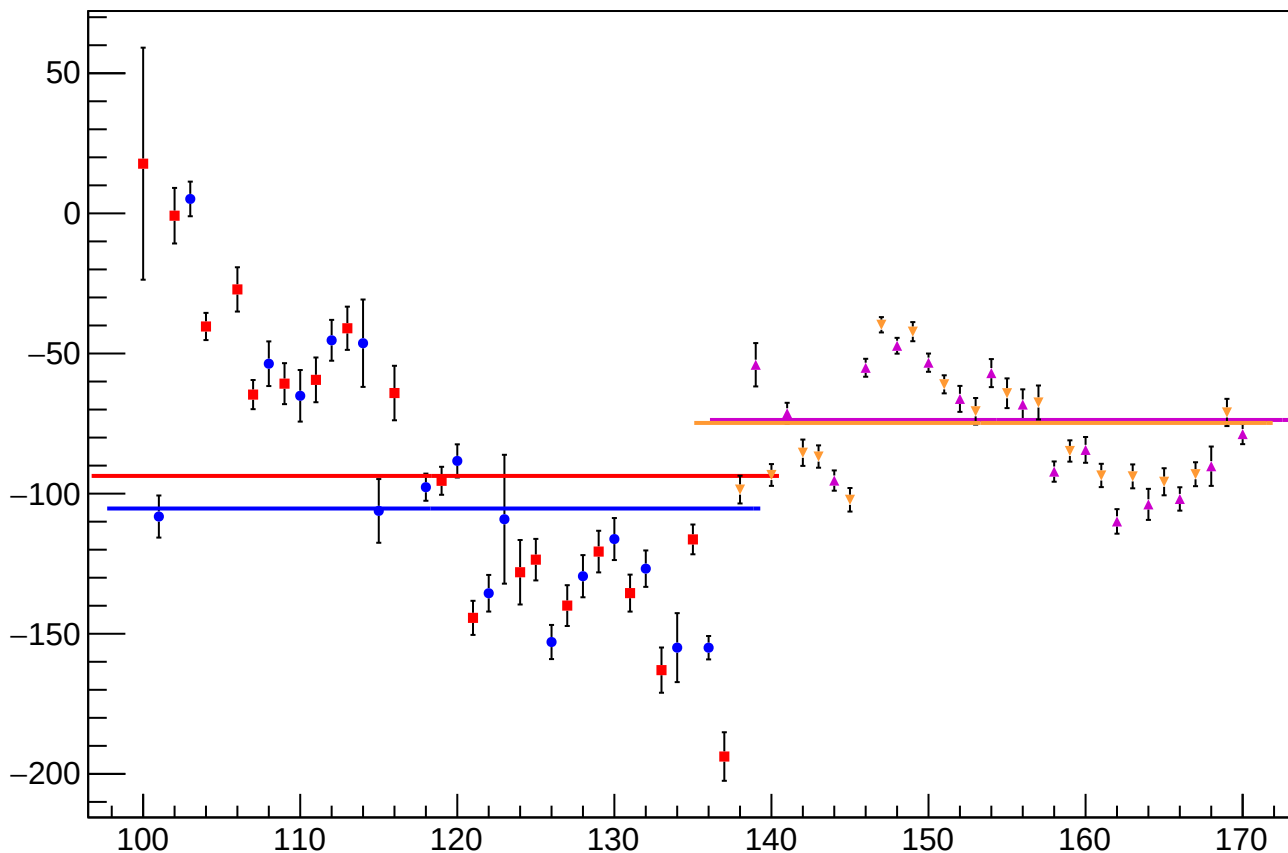
Left In: -272.534+/-1.208 χ^2/NDF : 568.8/15

+ sign -279.971+/-1.099 χ^2/NDF : 2675.5/33

All: -279.767+/-0.774 χ^2/NDF : 5725.8/68

- sign -279.567+/-1.090 χ^2/NDF : 3050.3/34

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -74.774 ± 0.992 χ^2/NDF : 466.8/16

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

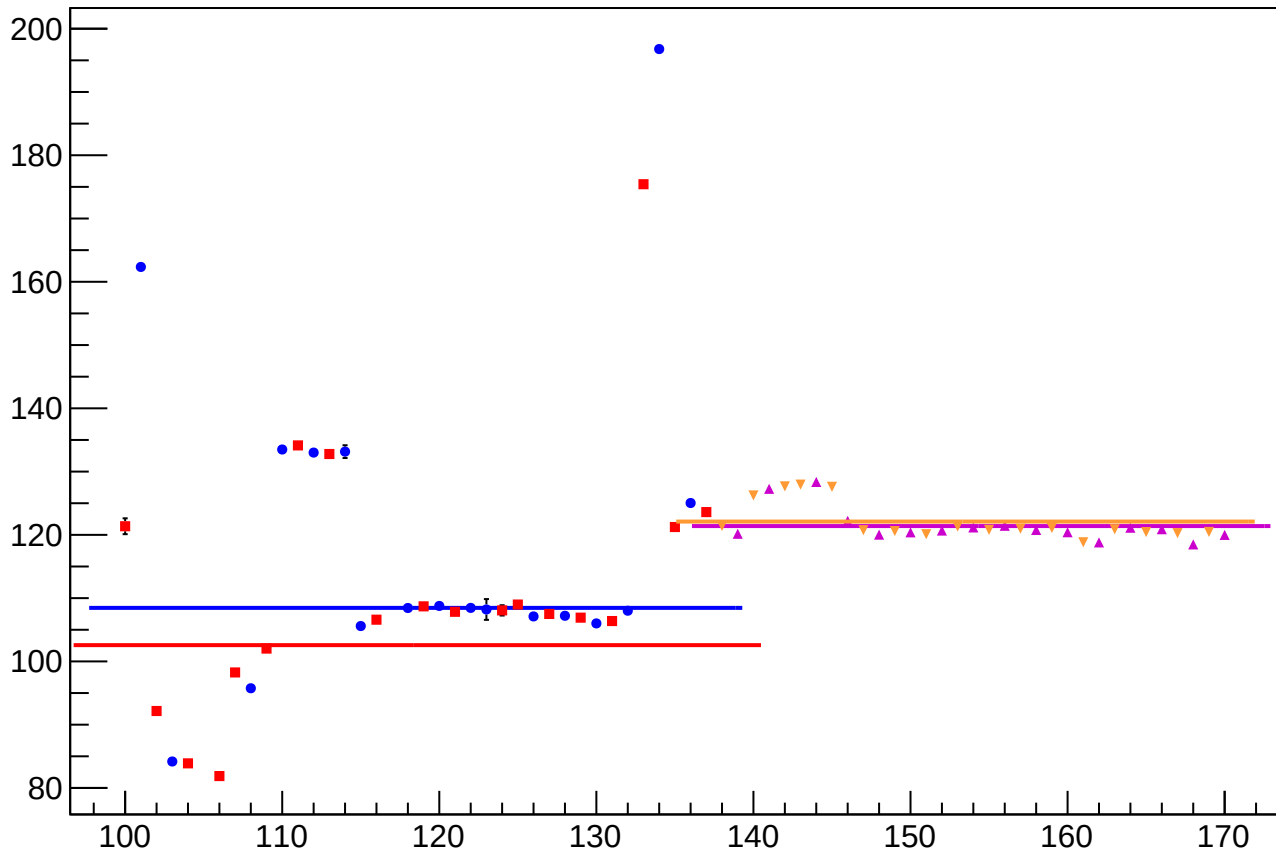
Left In: -73.712 ± 1.018 χ^2/NDF : 401.0/15

+ sign -82.574 ± 0.856 χ^2/NDF : 1446.4/33

All: -80.998 ± 0.607 χ^2/NDF : 2790.6/68

- sign -79.405 ± 0.861 χ^2/NDF : 1337.3/34

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 122.103 $\pm$ 0.048 χ^2 /NDF:3491.3/16

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

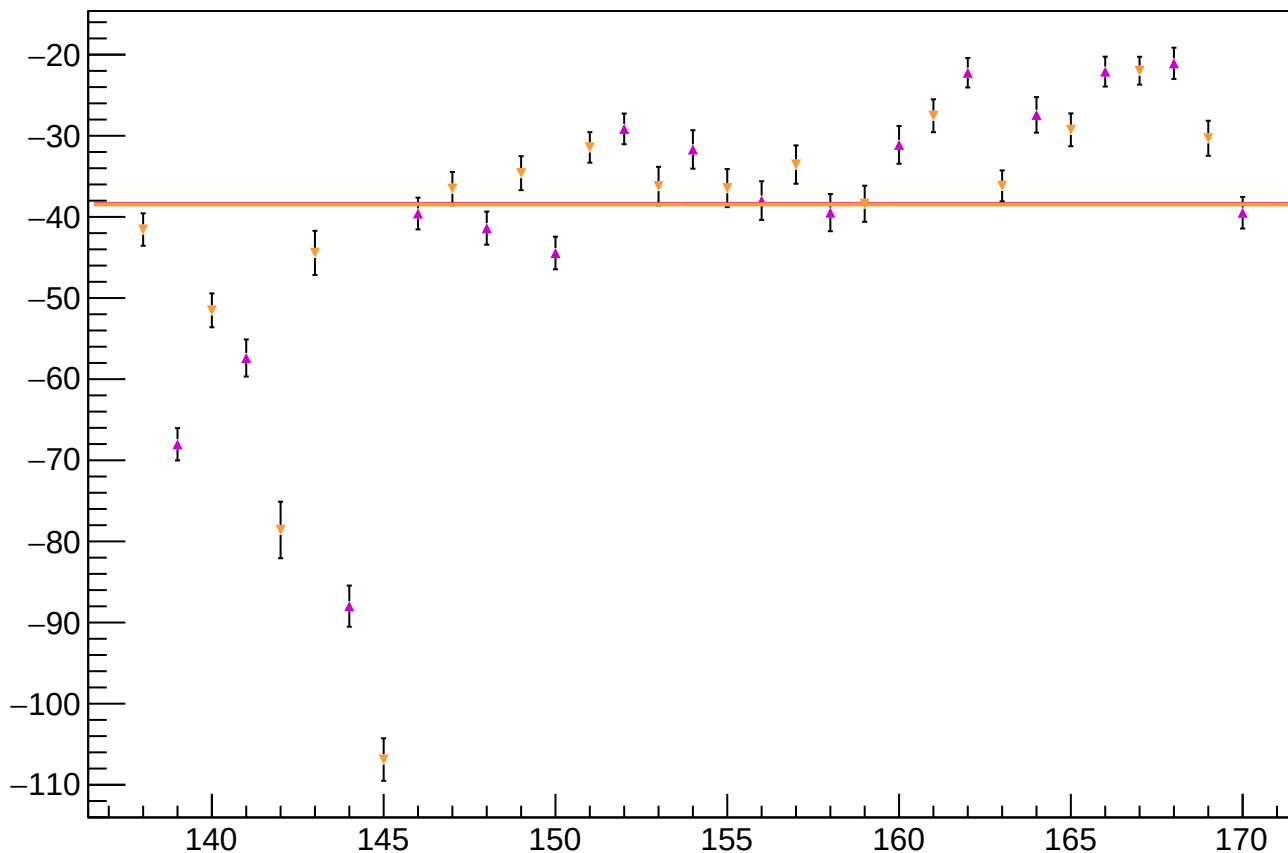
Left In: 121.390 $\pm$ 0.048 χ^2 /NDF:2779.1/15

+ sign 118.760 $\pm$ 0.042 χ^2 /NDF: 96370.4/33

All: 117.534 $\pm$ 0.029 χ^2 /NDF: 195062.1/68

- sign 116.356 $\pm$ 0.041 χ^2 /NDF: 97015.5/34

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.460+/-0.524 χ^2/NDF :1043.2/16

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

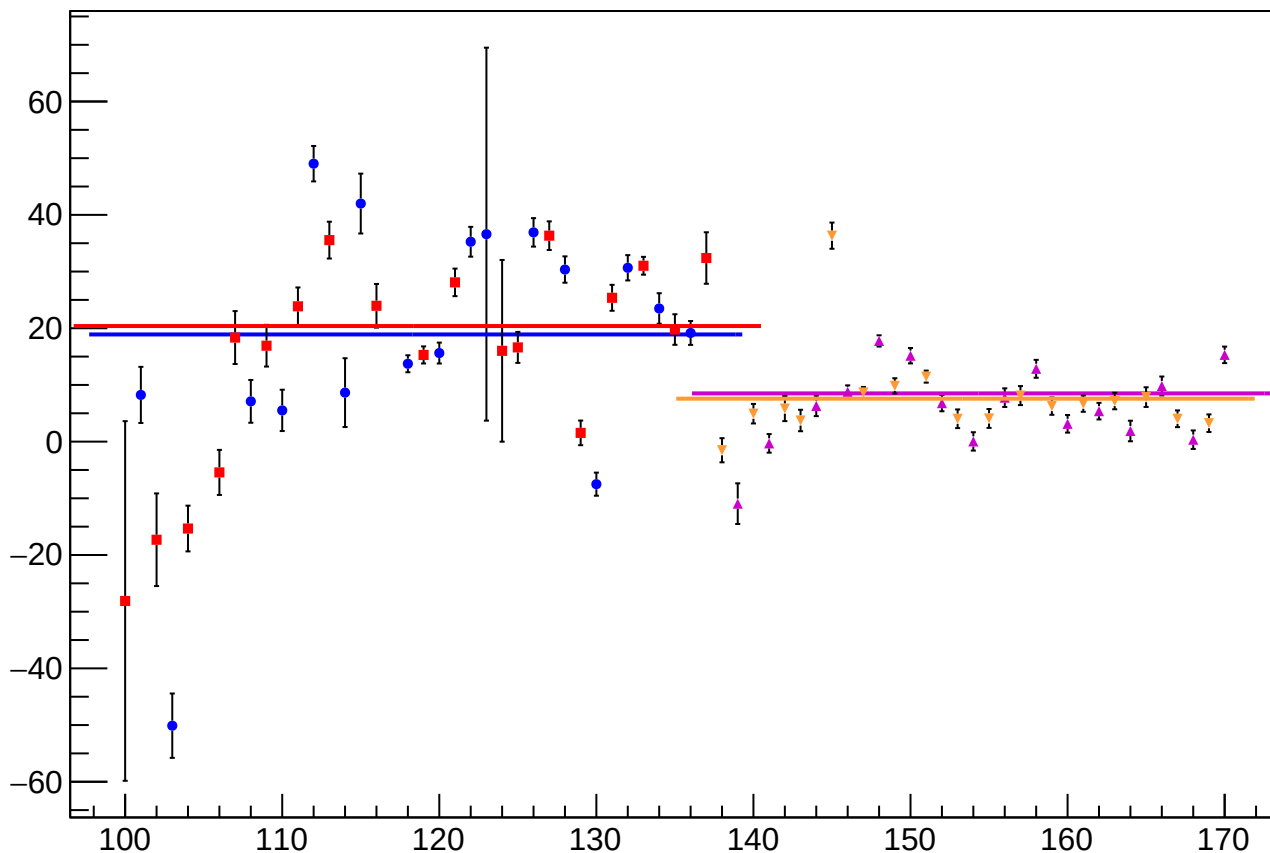
Left In: -38.391+/-0.520 χ^2/NDF :990.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.425+/-0.369 χ^2/NDF : 2033.7/32

- 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: 7.576 ± 0.368 χ^2/NDF : 221.6/16

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

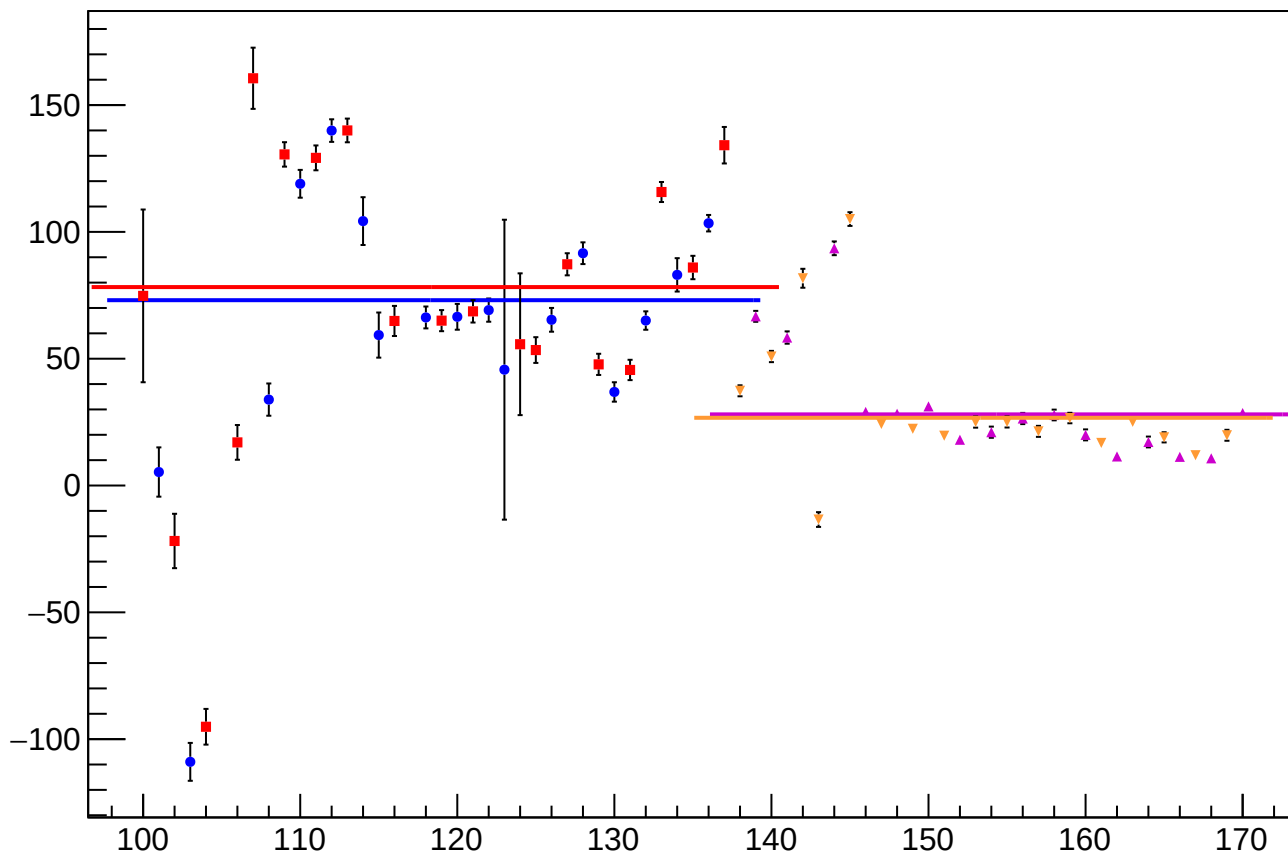
Left In: 8.511 ± 0.375 χ^2/NDF : 284.5/15

+ sign 10.366 ± 0.319 χ^2/NDF : 1074.2/33

All: 10.935 ± 0.227 χ^2/NDF : 1984.6/68

- sign 11.521 ± 0.324 χ^2/NDF : 904.0/34

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 26.704 $\pm$ 0.514 χ^2 /NDF:1541.1/16

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

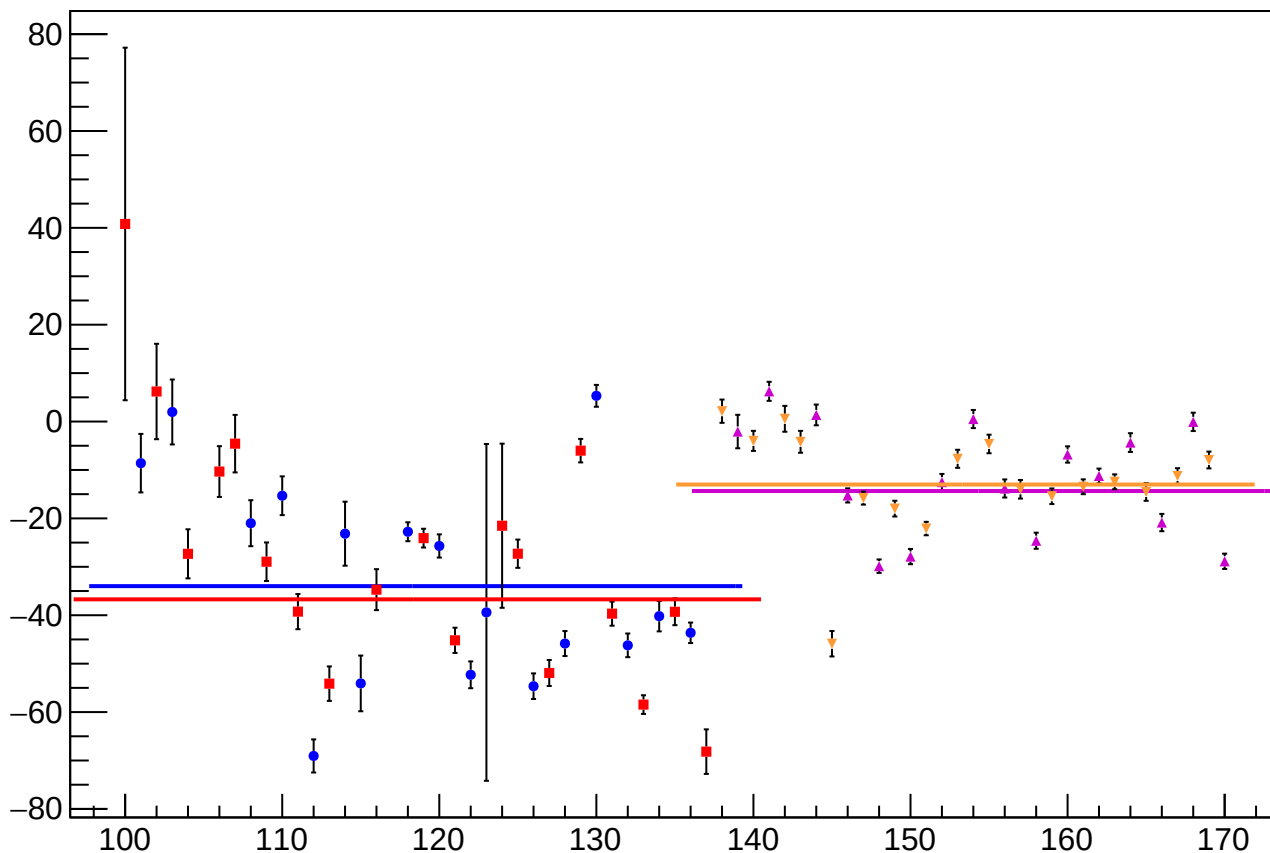
Left In: 28.049 $\pm$ 0.508 χ^2 /NDF:1393.5/15

+ sign 33.613 $\pm$ 0.474 χ^2 /NDF: 3954.7/33

All: 34.537 $\pm$ 0.333 χ^2 /NDF: 8335.6/68

- sign 35.442 $\pm$ 0.469 χ^2 /NDF: 4373.4/34

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.007 ± 0.429 χ^2/NDF : 353.0/16

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

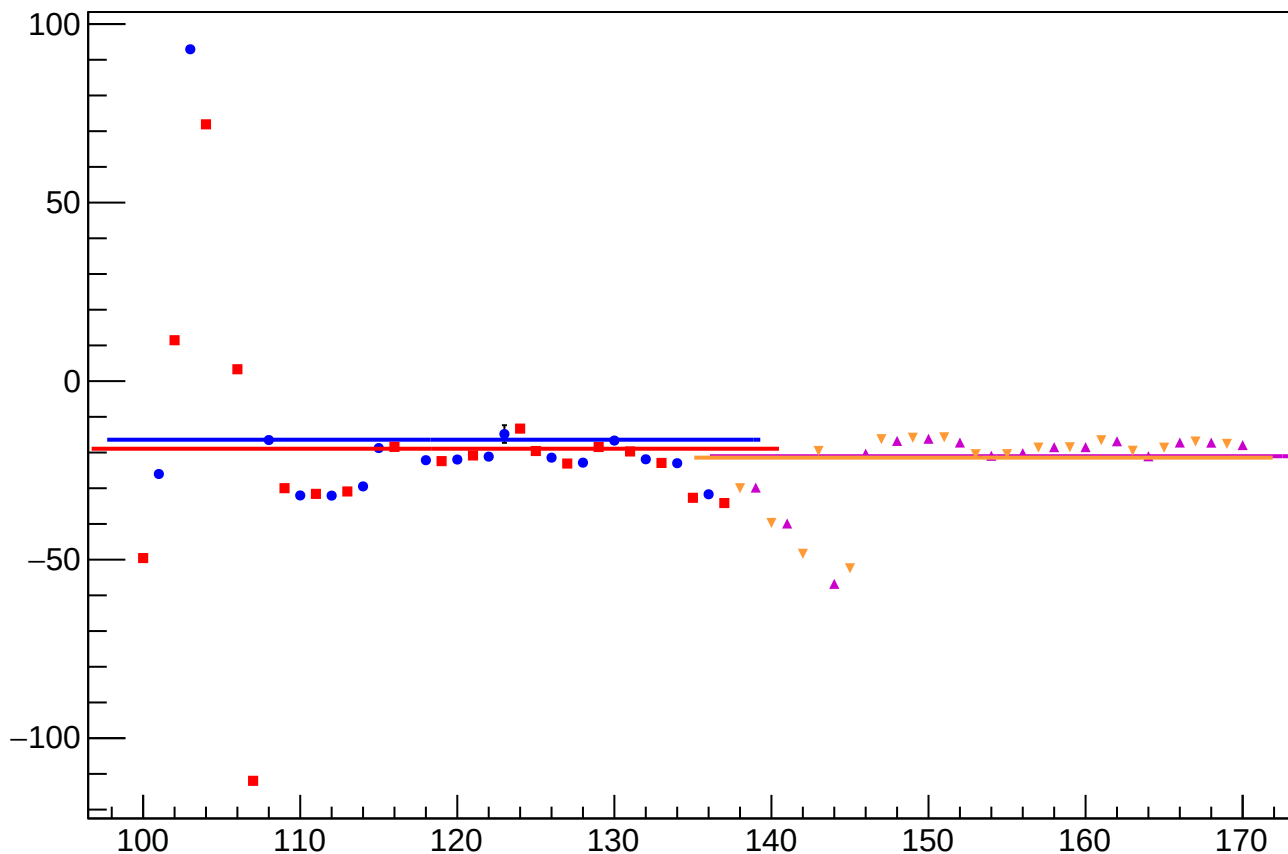
Left In: -14.350 ± 0.435 χ^2/NDF : 683.0/15

+ sign -18.330 ± 0.371 χ^2/NDF : 1679.0/33

All: -19.224 ± 0.264 χ^2/NDF : 3599.9/68

- sign -20.137 ± 0.375 χ^2/NDF : 1909.1/34

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -21.429 ± 0.020 $\chi^2/\text{NDF}: 191262.1/16$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

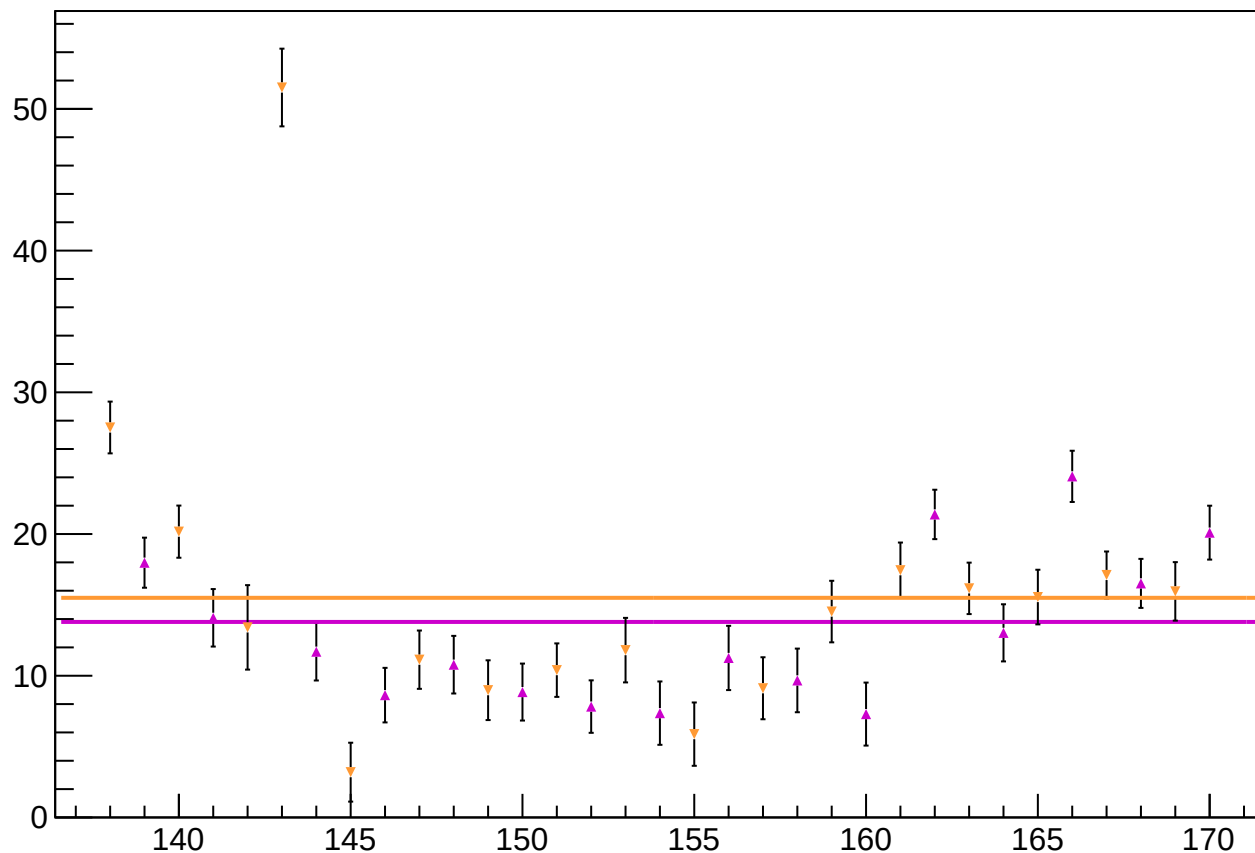
Left In: -21.029 ± 0.020 $\chi^2/\text{NDF}: 162745.6/15$

+ sign -20.571 ± 0.018 $\chi^2/\text{NDF}: 676223.0/33$

All: -20.631 ± 0.013 $\chi^2/\text{NDF}: 1274939.6/68$

- sign -20.690 ± 0.018 $\chi^2/\text{NDF}: 598695.4/34$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.499+/-0.496 χ^2/NDF : 311.2/16

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

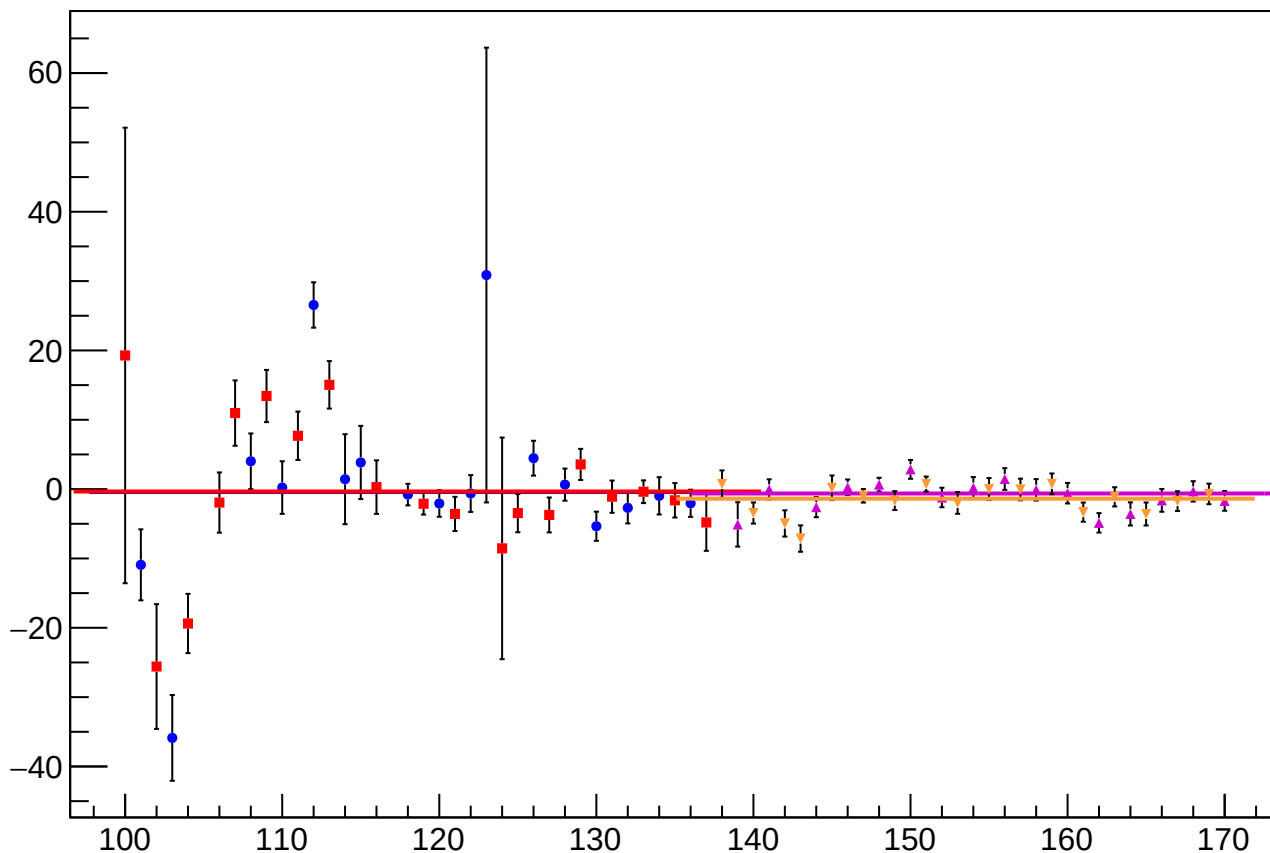
Left In: 13.797+/-0.491 χ^2/NDF : 118.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.639+/-0.349 χ^2/NDF : 436.0/32

- 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: -1.383 ± 0.353 χ^2/NDF : 28.4/16

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

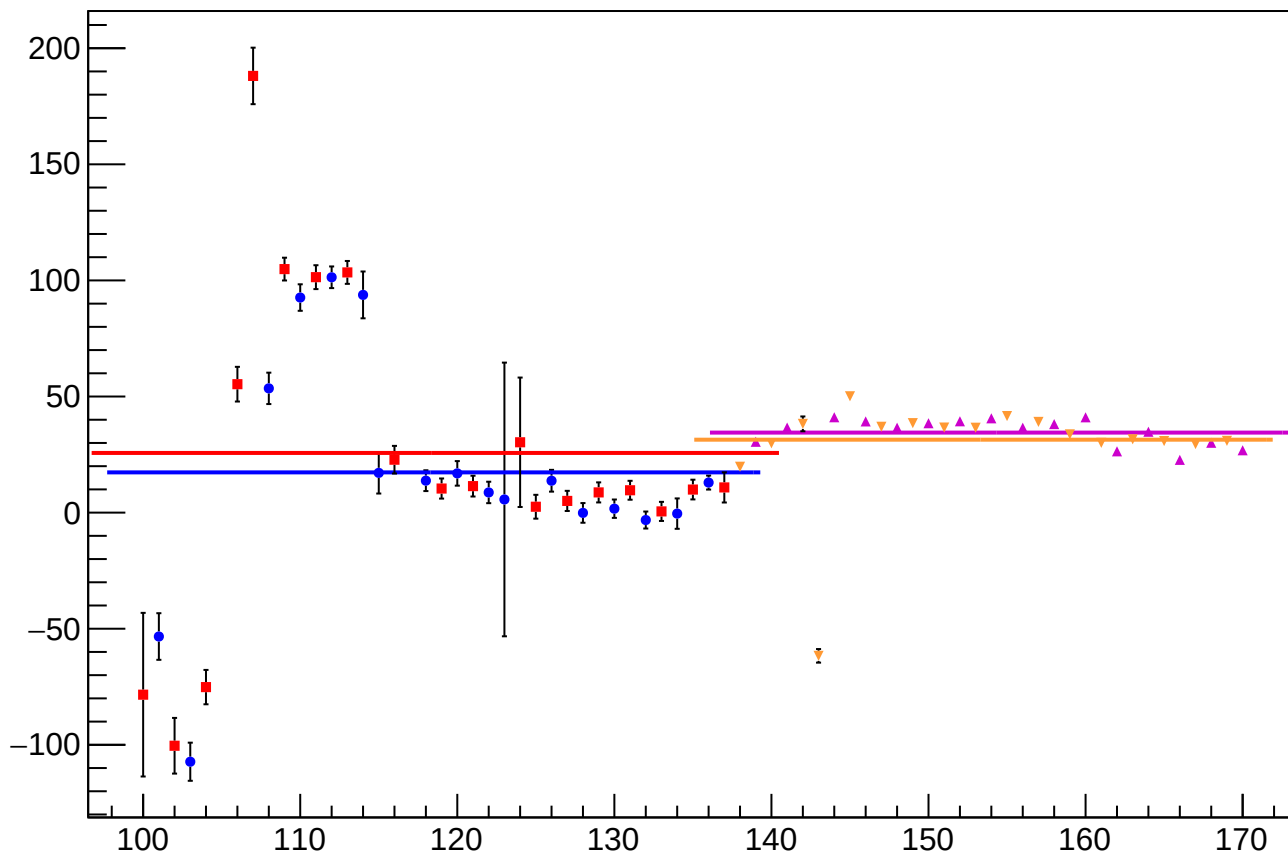
Left In: -0.632 ± 0.358 χ^2/NDF : 28.3/15

+ sign -1.164 ± 0.310 χ^2/NDF : 150.0/33

All: -0.869 ± 0.221 χ^2/NDF : 264.0/68

- sign -0.566 ± 0.315 χ^2/NDF : 112.2/34

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 31.407+/-0.489 χ^2/NDF : 1202.5/16

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

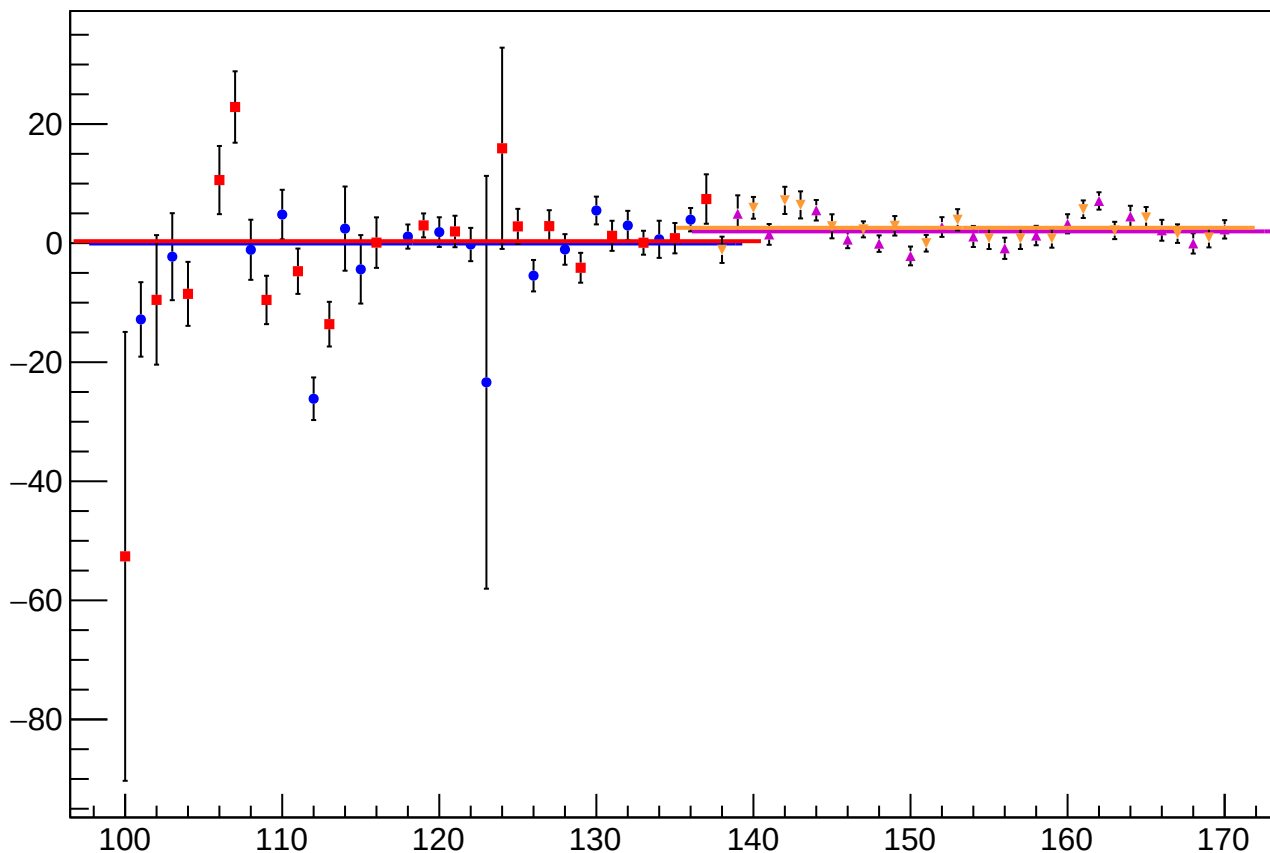
Left In: 34.463+/-0.482 χ^2/NDF : 143.9/15

+ sign 29.512+/-0.454 χ^2/NDF : 2257.4/33

All: 31.437+/-0.320 χ^2/NDF : 3859.1/68

- sign 33.318+/-0.449 χ^2/NDF : 1566.2/34

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.578+/-0.410 χ^2/NDF :27.3/16

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

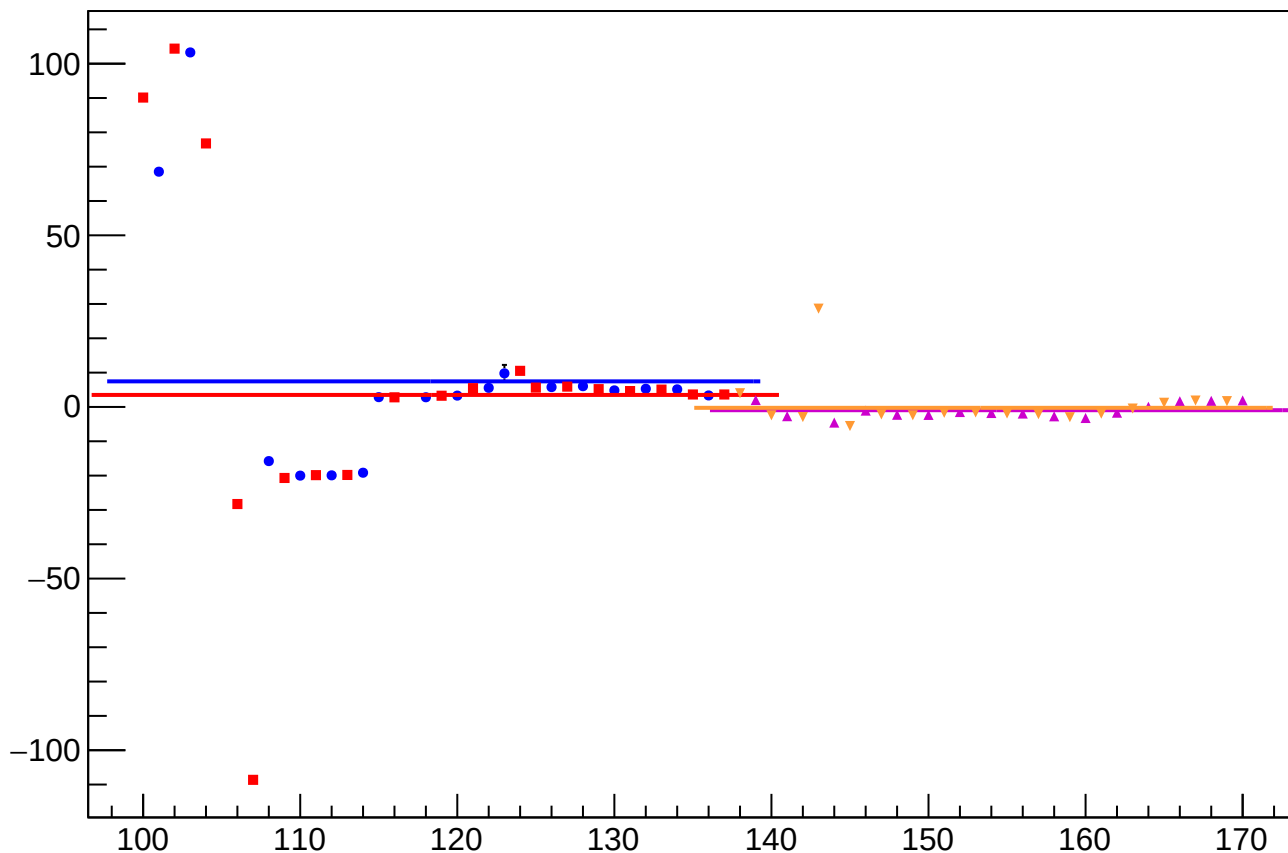
Left In: 1.972+/-0.415 χ^2/NDF :34.8/15

+ sign 1.962 $\pm$ 0.359 χ^2 /NDF: 113.5/33

All: 1.776 ± 0.255 χ^2/NDF : 207.6/68

- sign 1.586 ± 0.363 χ^2/NDF : 93.6/34

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: -0.254+/-0.019 χ^2/NDF : 75875.0/16

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

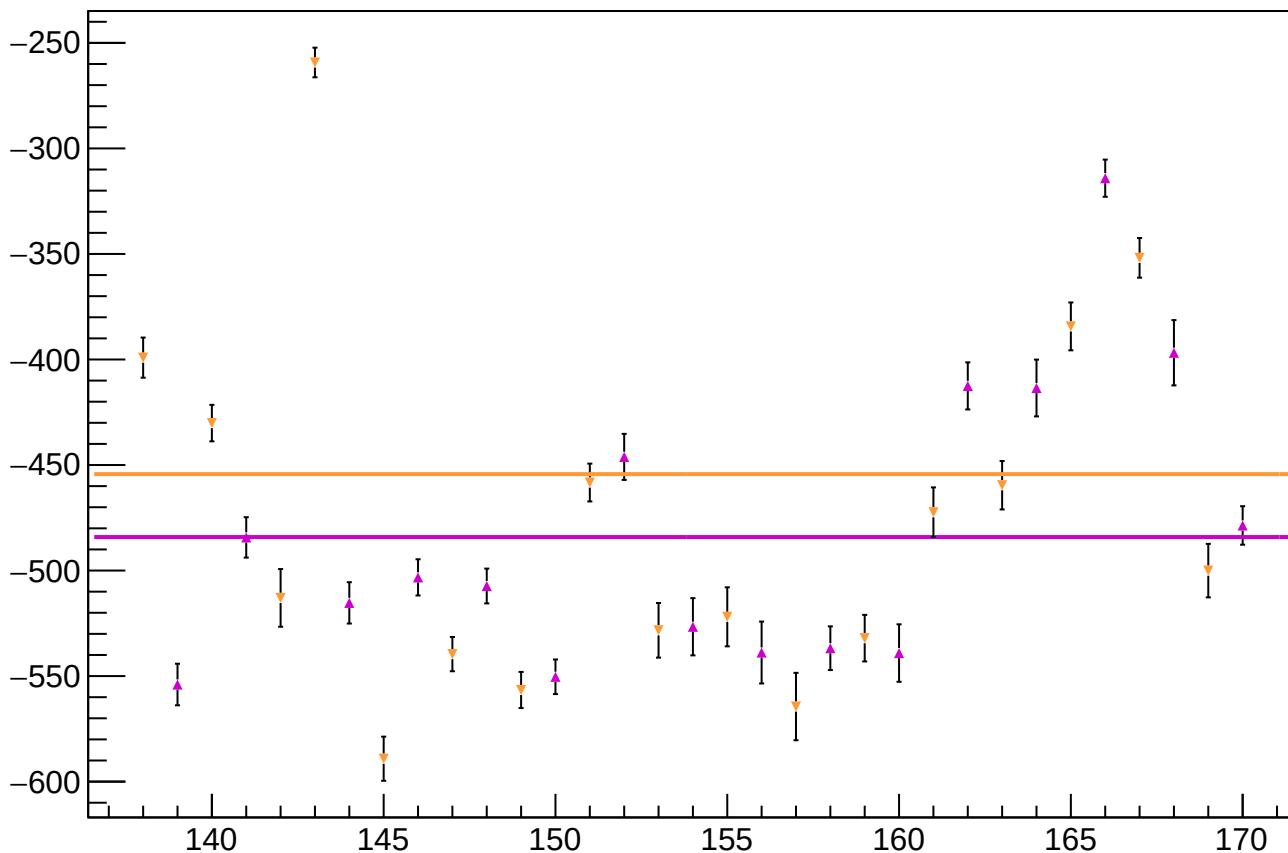
Left In: -0.948+/-0.019 χ^2/NDF : 10854.5/15

+ sign 0.951+/-0.018 χ^2/NDF : 457334.5/33

All: 0.320+/-0.012 χ^2/NDF : 989473.0/68

- sign -0.298+/-0.017 χ^2/NDF : 529586.5/34

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -454.315+/-2.470 χ^2/NDF :1577.3/16

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

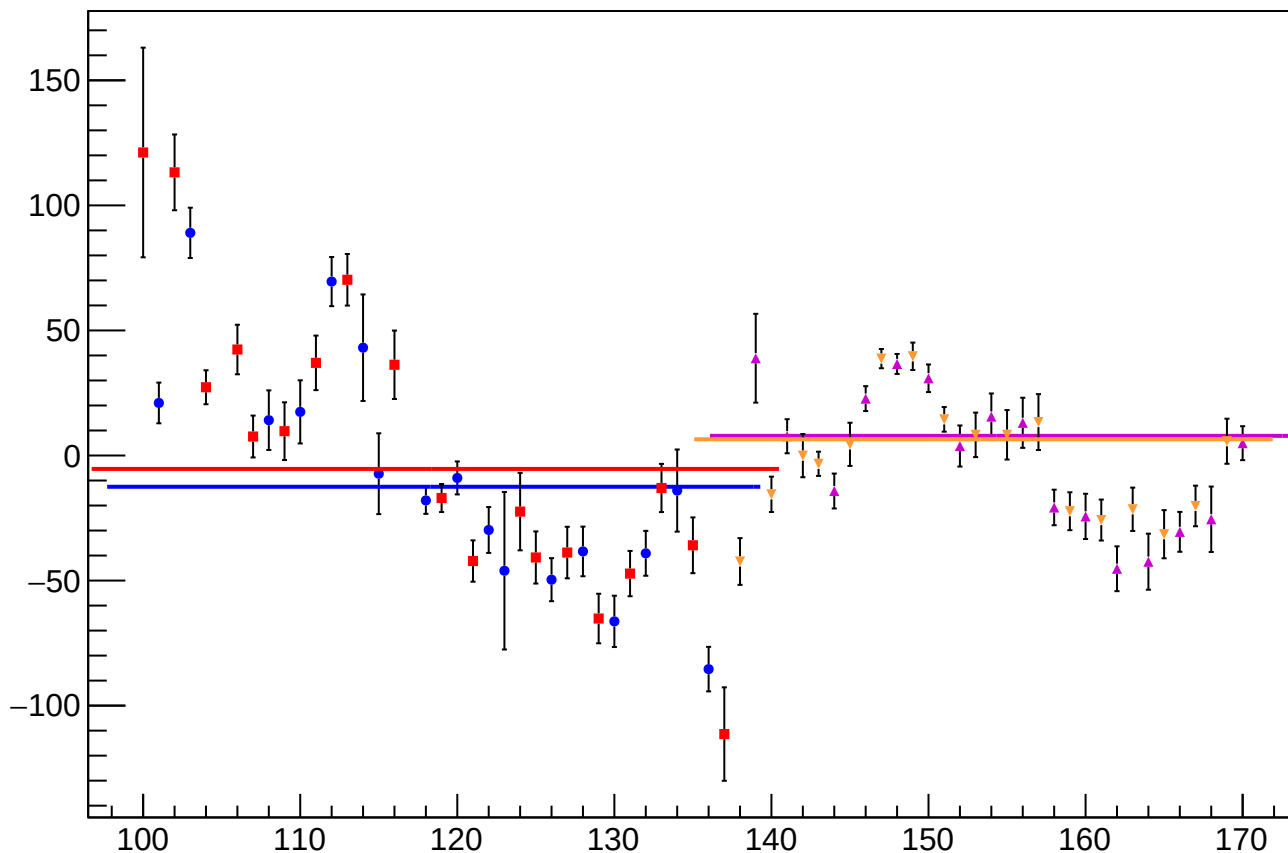
Left In: -484.127+/-2.576 χ^2/NDF :690.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.600+/-1.783 χ^2/NDF : 2337.6/32

- 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: 6.480 ± 1.671 χ^2/NDF : 218.6/16

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

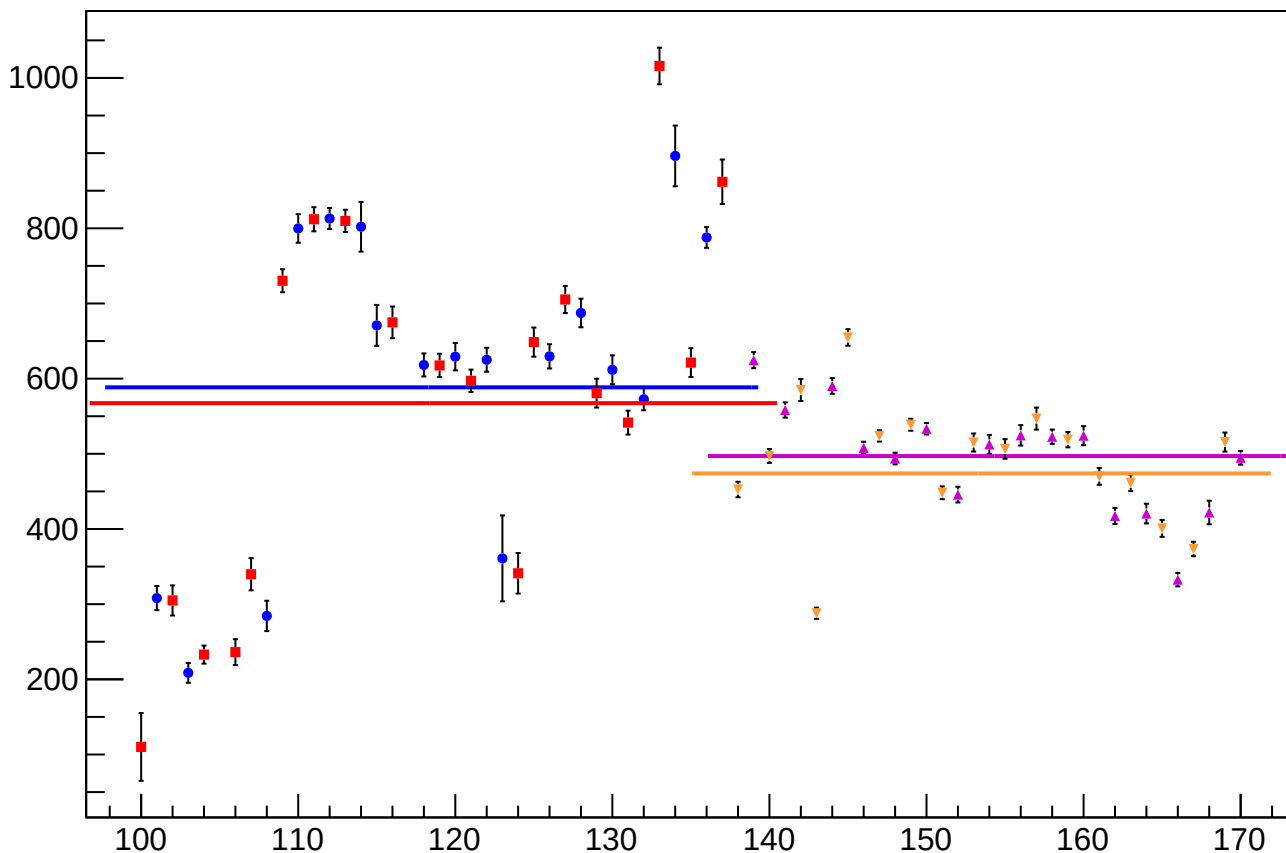
Left In: 7.858 ± 1.786 χ^2/NDF : 206.6/15

+ sign -0.038 ± 1.354 χ^2/NDF : 604.0/33

All: 1.325 ± 0.974 χ^2/NDF : 1178.3/68

- sign 2.786 ± 1.402 χ^2/NDF : 572.2/34

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 473.921+/-2.449 χ^2/NDF : 1297.6/16

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

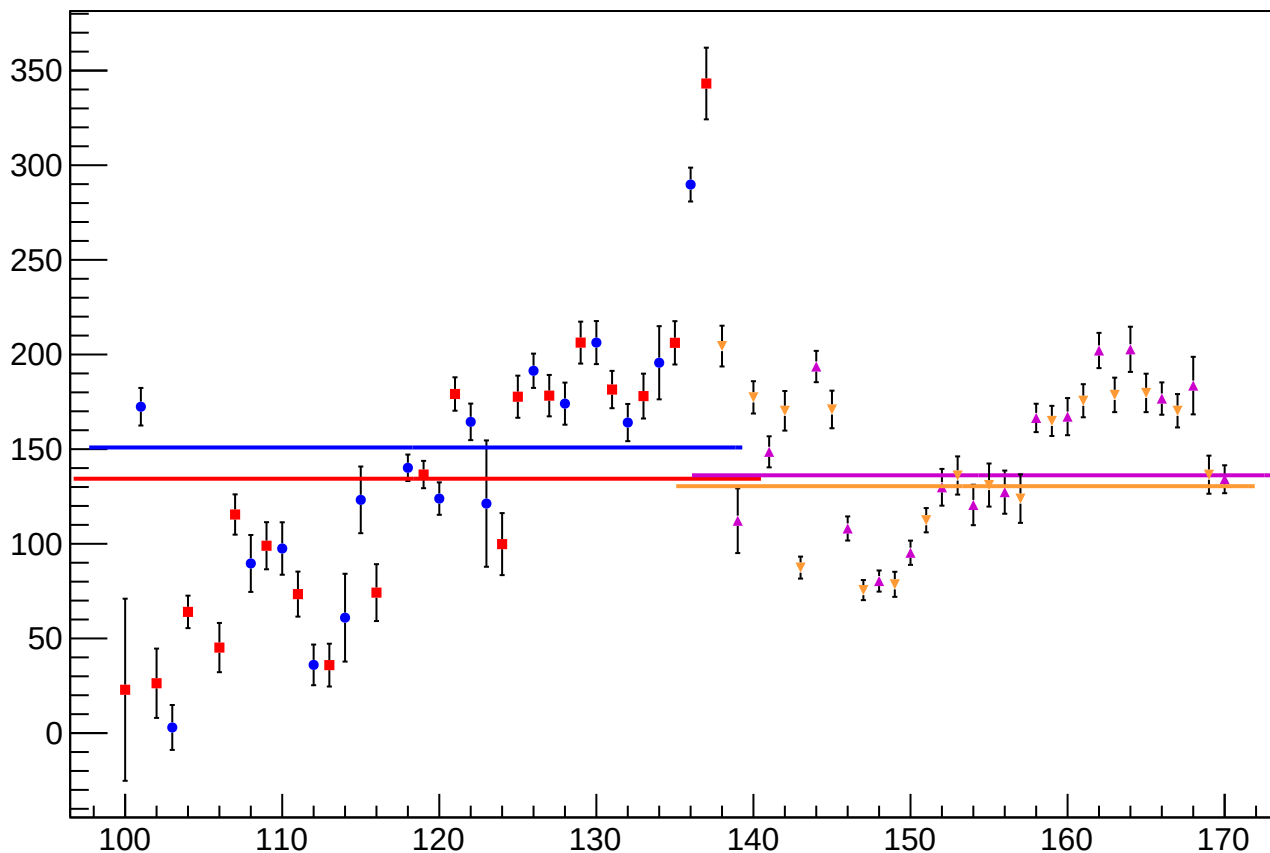
Left In: 497.028+/-2.521 χ^2/NDF : 772.7/15

+ sign 501.770+/-2.131 χ^2/NDF : 3959.3/33

All: 508.862+/-1.514 χ^2/NDF : 7750.5/68

- sign 516.102+/-2.153 χ^2/NDF : 3768.8/34

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 χ^2/NDF : 634.8/16

Left Out: 130.433 ± 1.997 χ^2/NDF : 458.0/16

Right Out: 134.381 ± 2.620 χ^2/NDF : 584.9/18

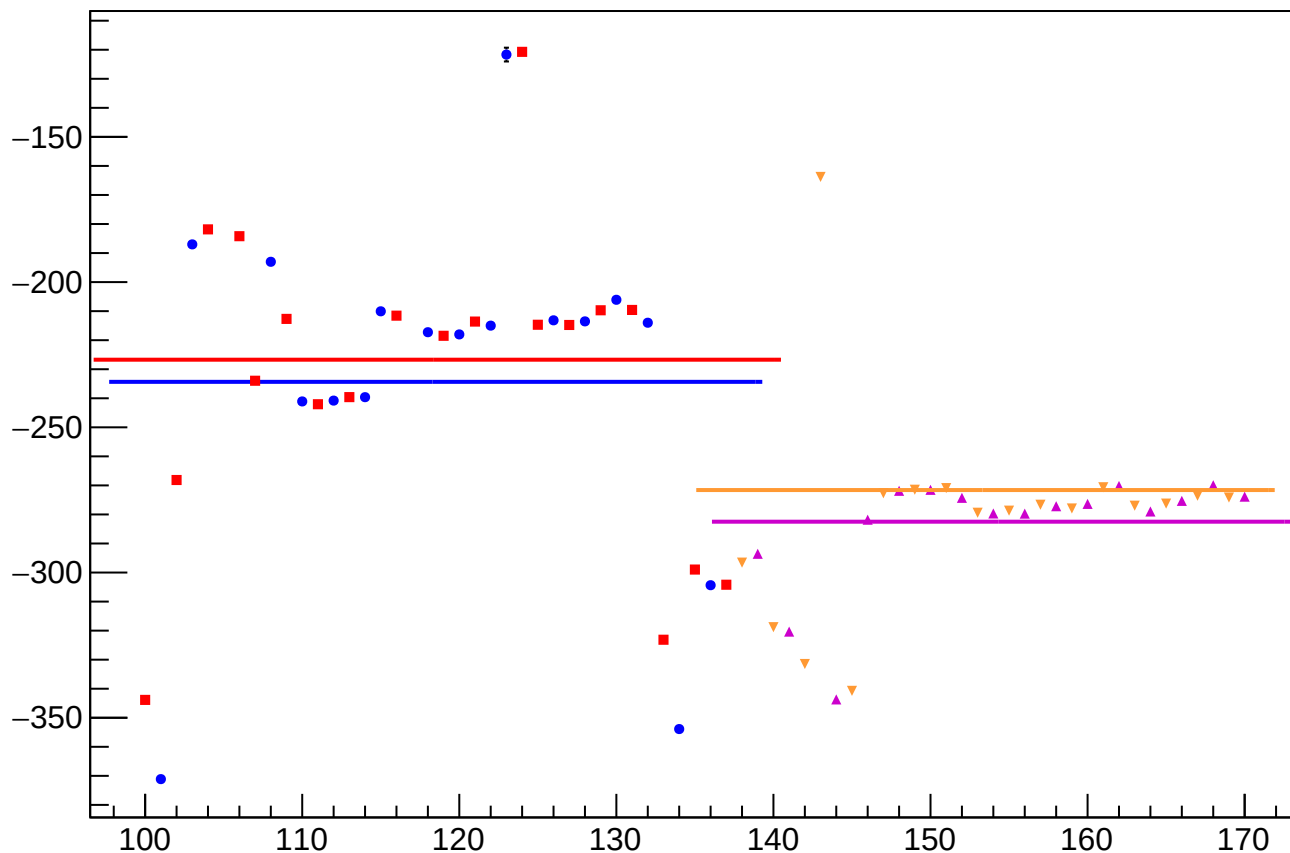
Left In: 136.186 ± 2.112 χ^2/NDF : 355.8/15

+ sign 137.756 ± 1.600 χ^2/NDF : 1130.4/33

All: 136.647 ± 1.147 χ^2/NDF : 2072.3/68

- sign 135.475 ± 1.644 χ^2/NDF : 941.0/34

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 ± 0.148 $\chi^2/\text{NDF}: 145165.1/16$

Left Out: -271.598 ± 0.099 $\chi^2/\text{NDF}: 183043.3/16$

Right Out: -226.716 ± 0.141 $\chi^2/\text{NDF}: 99440.4/18$

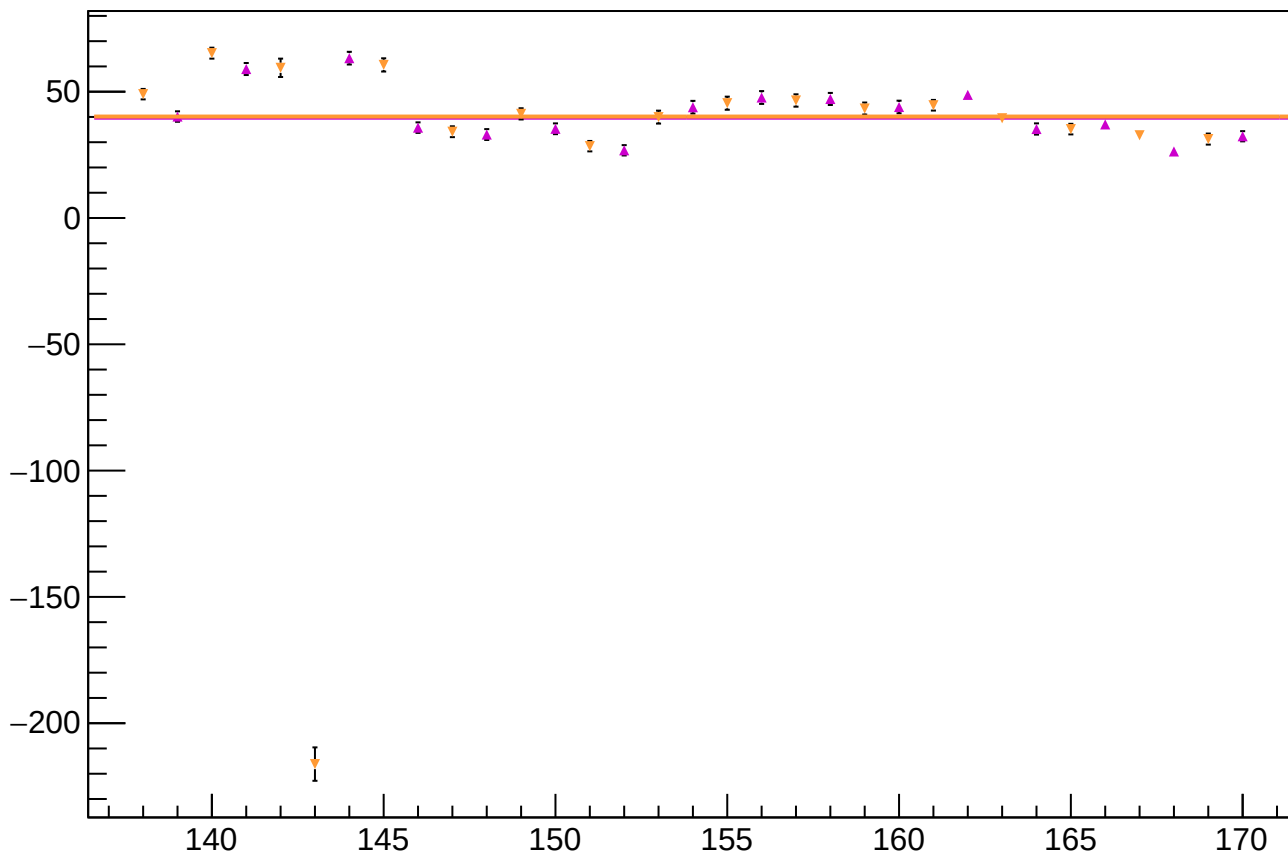
Left In: -282.492 ± 0.100 $\chi^2/\text{NDF}: 32508.6/15$

+ sign -260.192 ± 0.082 $\chi^2/\text{NDF}: 371997.0/33$

All: -261.980 ± 0.058 $\chi^2/\text{NDF}: 608344.3/68$

- sign -263.761 ± 0.082 $\chi^2/\text{NDF}: 235399.5/34$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 40.158+/-0.557 χ^2/NDF :1841.5/16

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

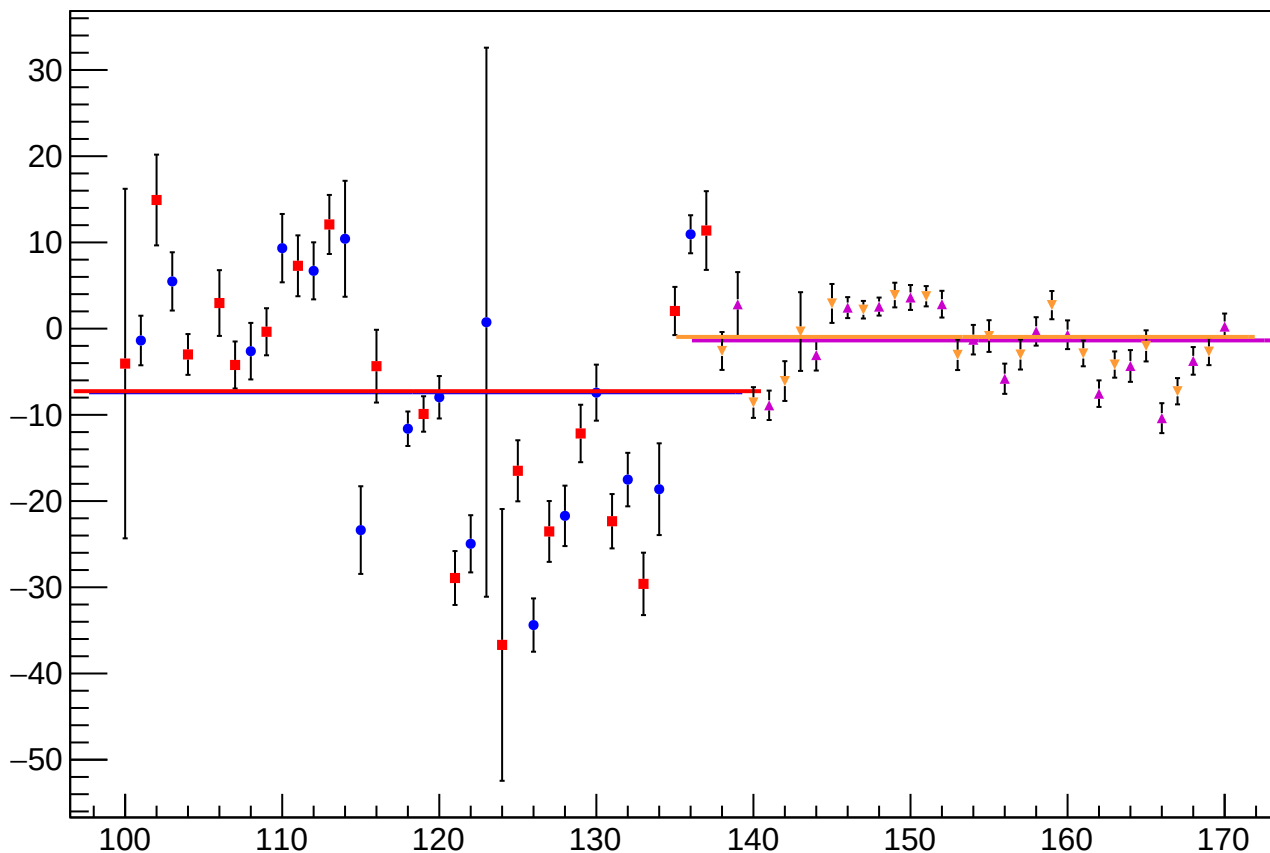
Left In: 39.711+/-0.543 χ^2/NDF :327.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.929+/-0.389 χ^2/NDF : 2169.1/32

- 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: -0.960 ± 0.393 χ^2/NDF : 96.4/16

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

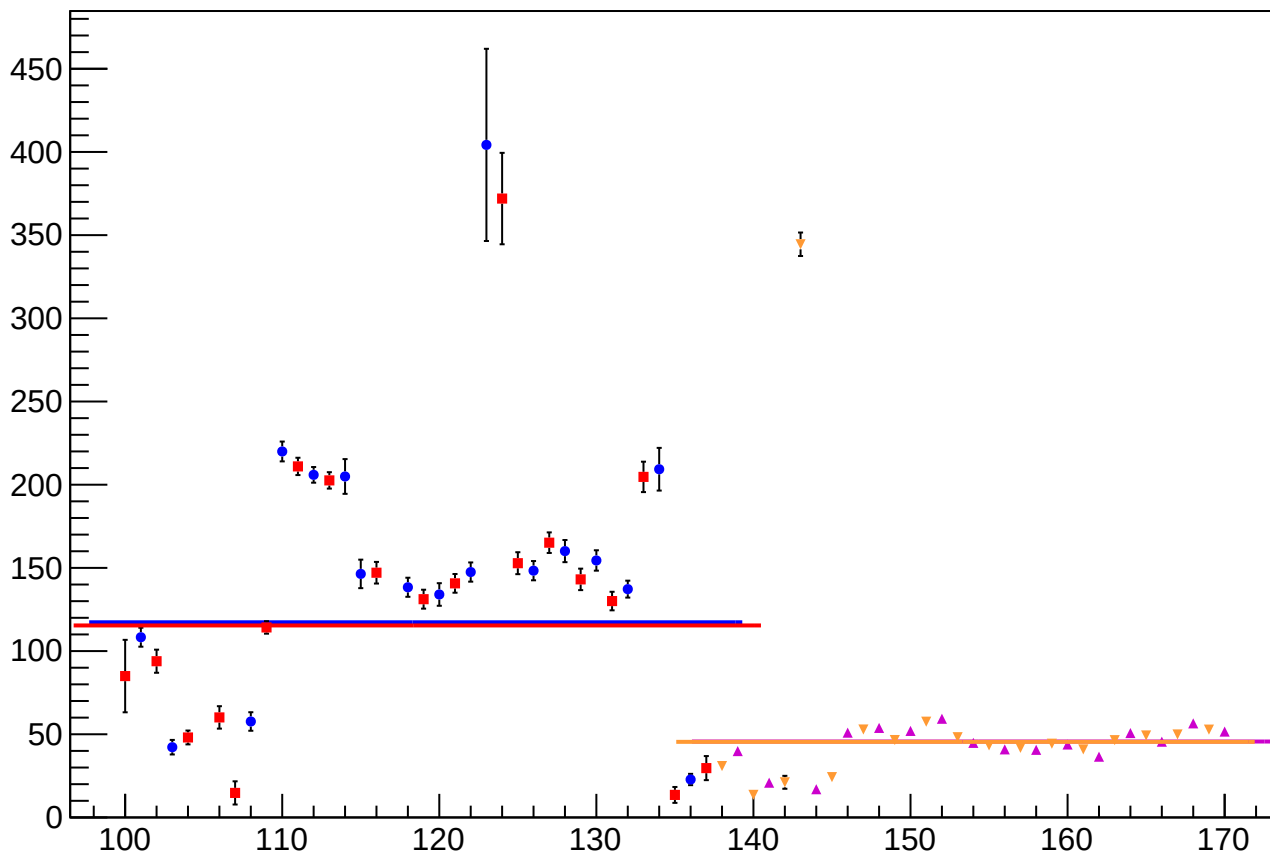
Left In: -1.366 ± 0.393 χ^2/NDF : 120.7/15

+ sign -2.264 ± 0.351 χ^2/NDF : 434.1/33

All: -2.434 ± 0.247 χ^2/NDF : 859.8/68

- sign -2.603 ± 0.349 χ^2/NDF : 425.2/34

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 45.446 $\pm$ 0.546 χ^2 /NDF:2210.0/16

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

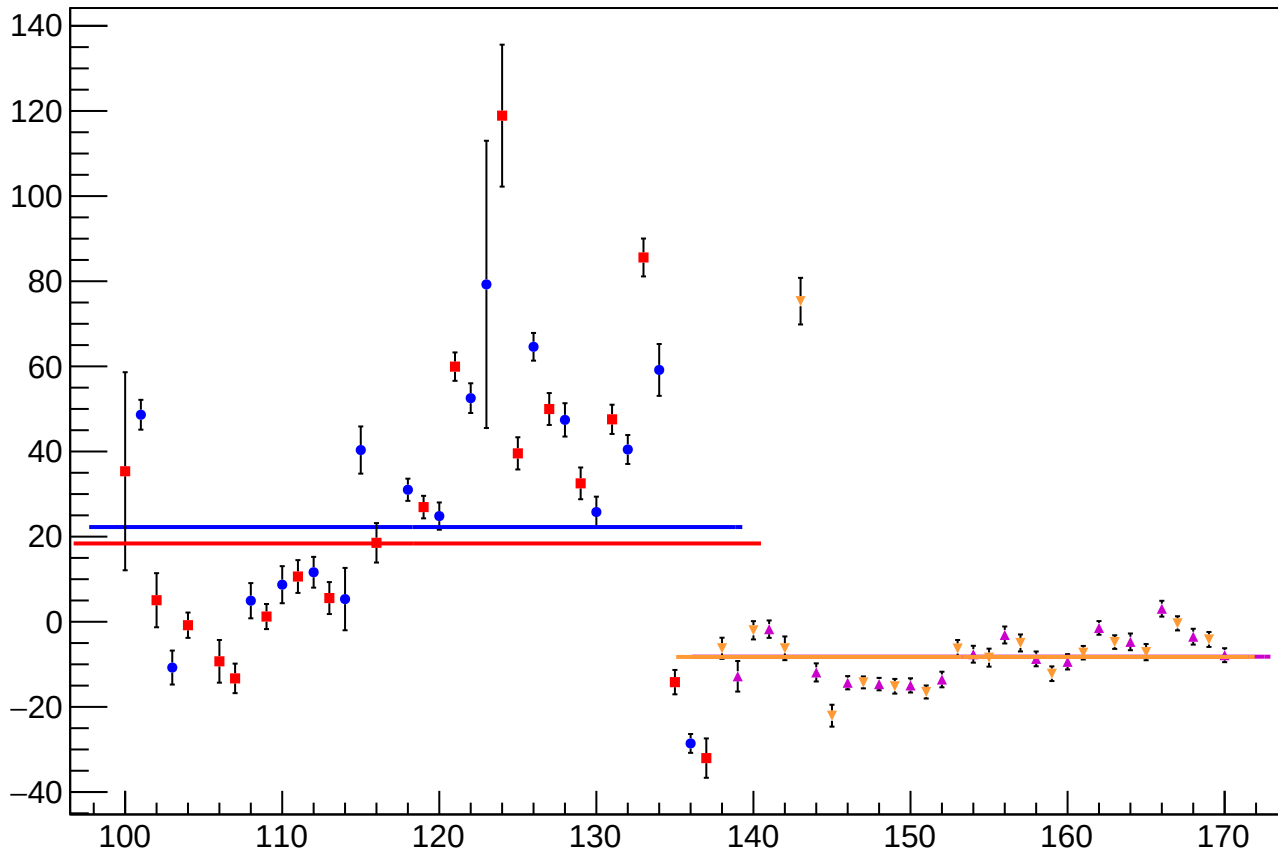
Left In: 45.641 $\pm$ 0.531 χ^2 /NDF:379.5/15

+ sign 54.837 $\pm$ 0.509 χ^2 /NDF: 6633.5/33

All: 54.851 $\pm$ 0.355 χ^2 /NDF: 11444.9/68

- sign 54.864 $\pm$ 0.495 χ^2 /NDF: 4811.4/34

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 ± 0.889 χ^2/NDF : 1071.4/16

Left Out: -8.261 ± 0.458 χ^2/NDF : 376.9/16

Right Out: 18.395 ± 0.872 χ^2/NDF : 1077.1/18

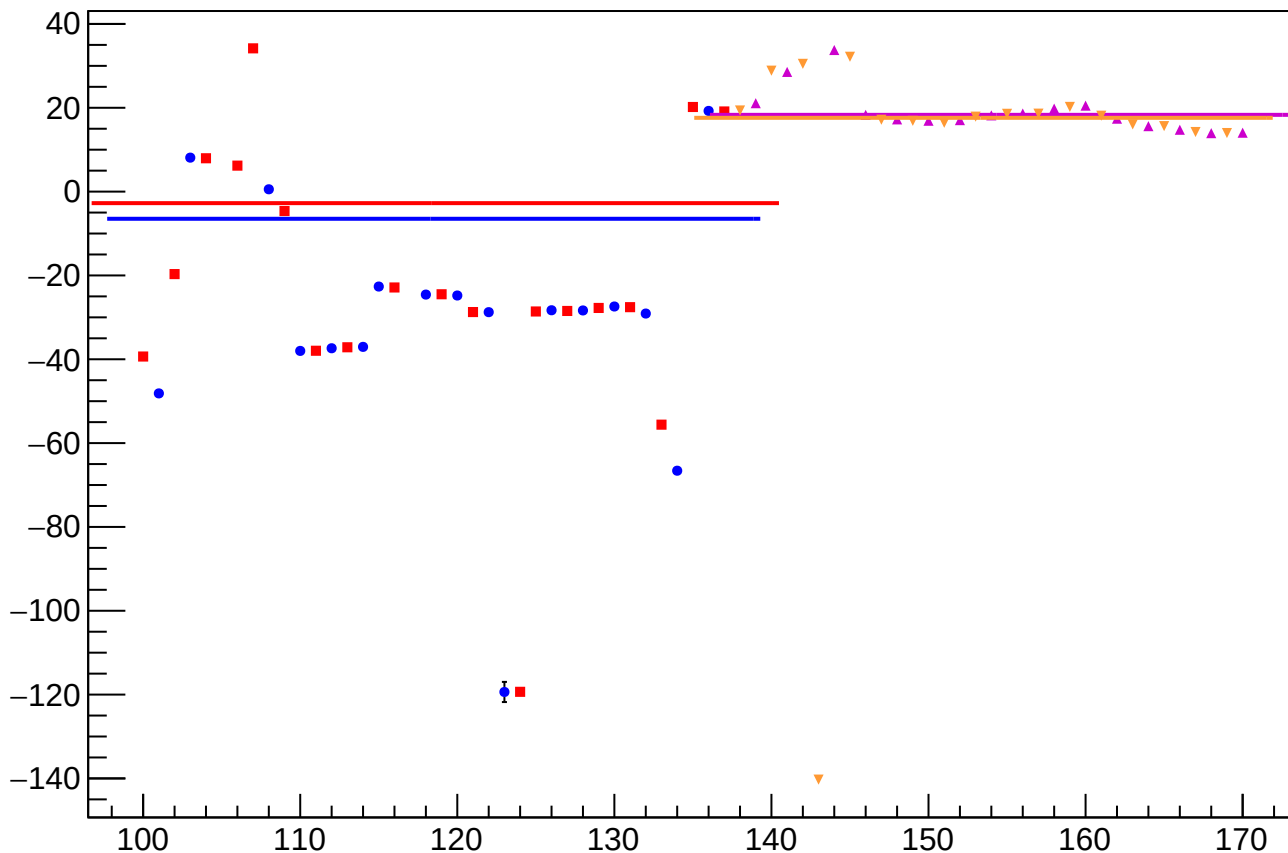
Left In: -8.202 ± 0.456 χ^2/NDF : 145.6/15

+ sign -1.869 ± 0.407 χ^2/NDF : 2379.1/33

All: -2.185 ± 0.287 χ^2/NDF : 4334.1/68

- sign -2.496 ± 0.404 χ^2/NDF : 1953.8/34

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 17.603 ± 0.021 $\chi^2/\text{NDF}: 356030.7/16$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

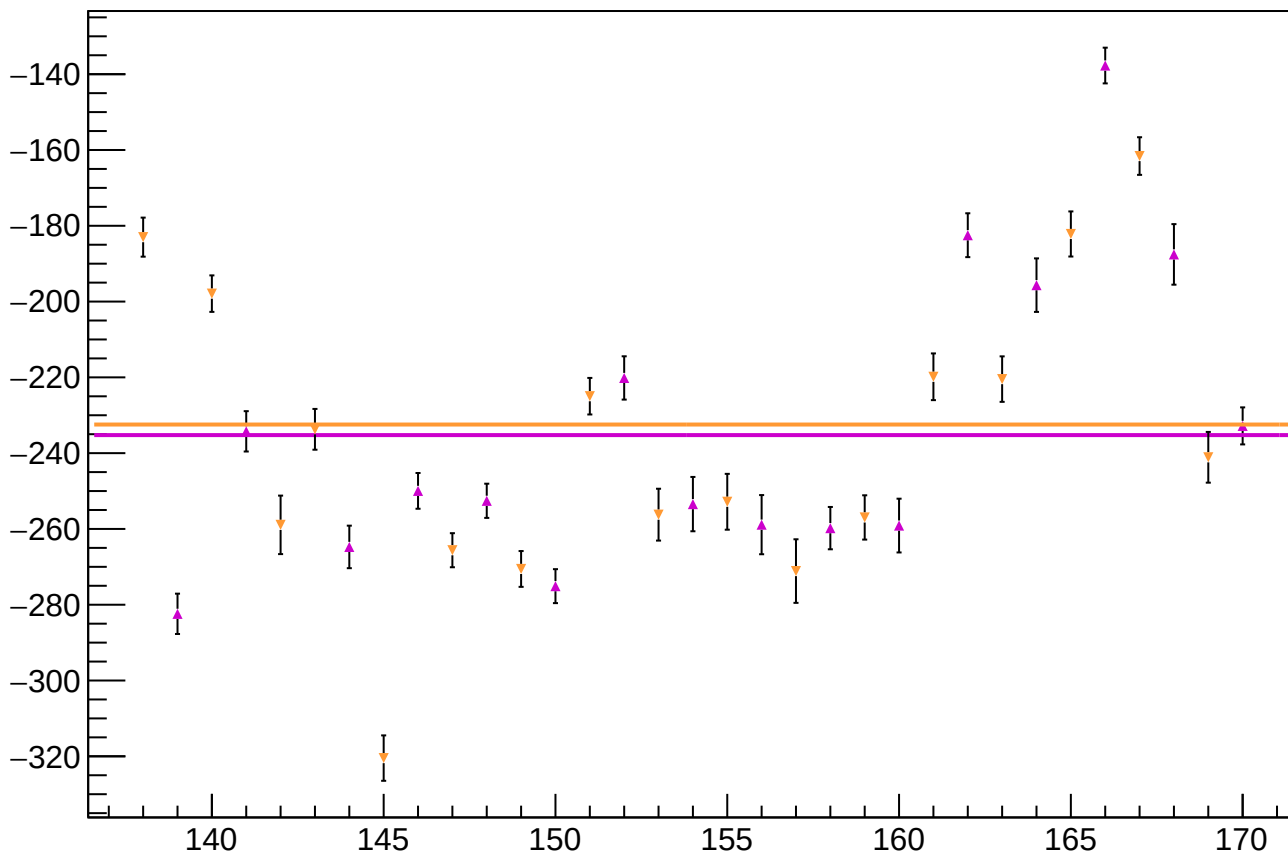
Left In: 18.314 ± 0.021 $\chi^2/\text{NDF}: 40082.7/15$

+ sign 13.337 ± 0.019 $\chi^2/\text{NDF}: 845833.5/33$

All: 14.036 ± 0.014 $\chi^2/\text{NDF}: 1330892.1/68$

- sign 14.699 ± 0.019 $\chi^2/\text{NDF}: 482536.0/34$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -232.448+/-1.379 χ^2/NDF : 836.6/16

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

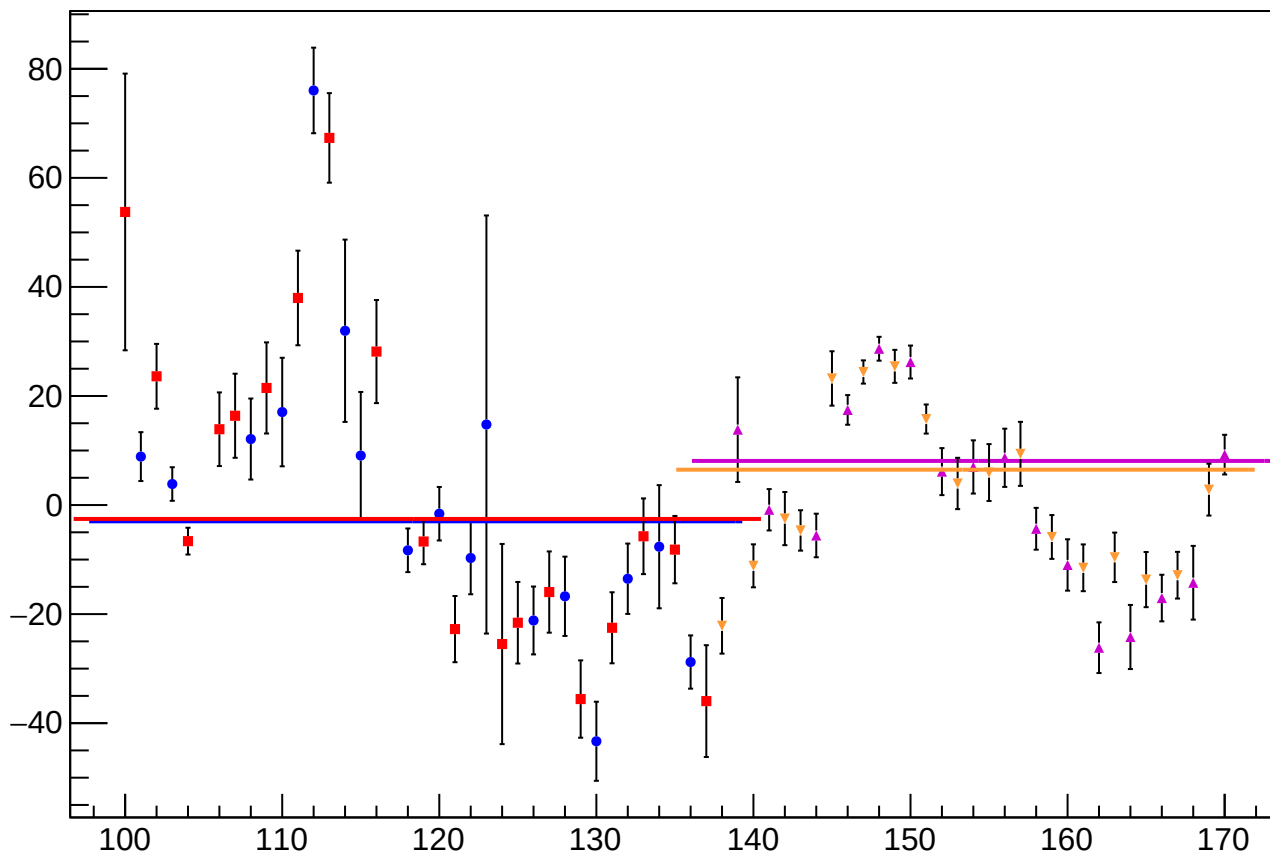
Left In: -235.237+/-1.391 χ^2/NDF : 841.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.831+/-0.979 χ^2/NDF : 1680.2/32

- 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: 6.481 ± 0.936 χ^2/NDF : 274.3/16

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

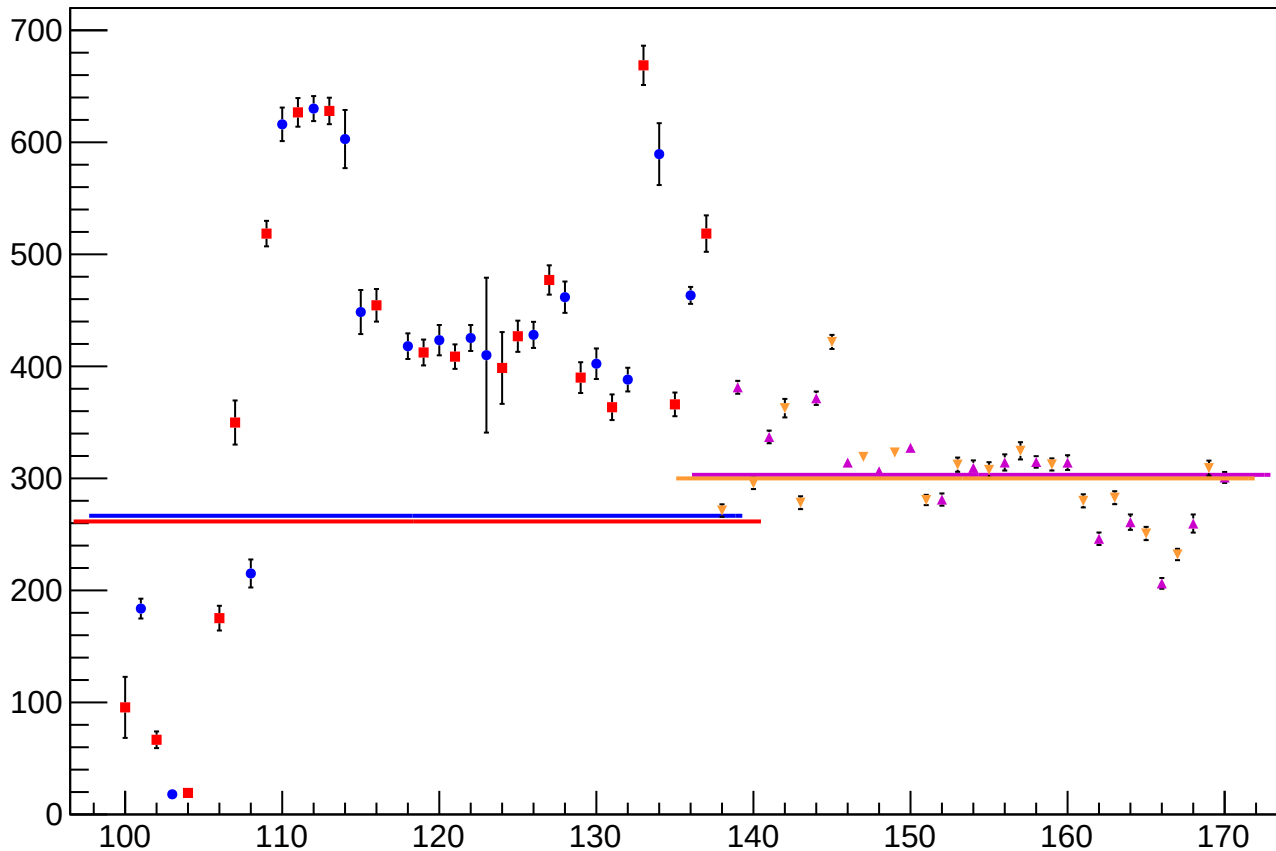
Left In: 8.091 ± 0.967 χ^2/NDF : 311.4/15

+ sign 3.700 ± 0.786 χ^2/NDF : 508.3/33

All: 4.168 ± 0.559 χ^2/NDF : 1077.7/68

- sign 4.648 ± 0.796 χ^2/NDF : 568.7/34

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 299.969 $\pm$ 1.360 χ^2 /NDF:830.1/16

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

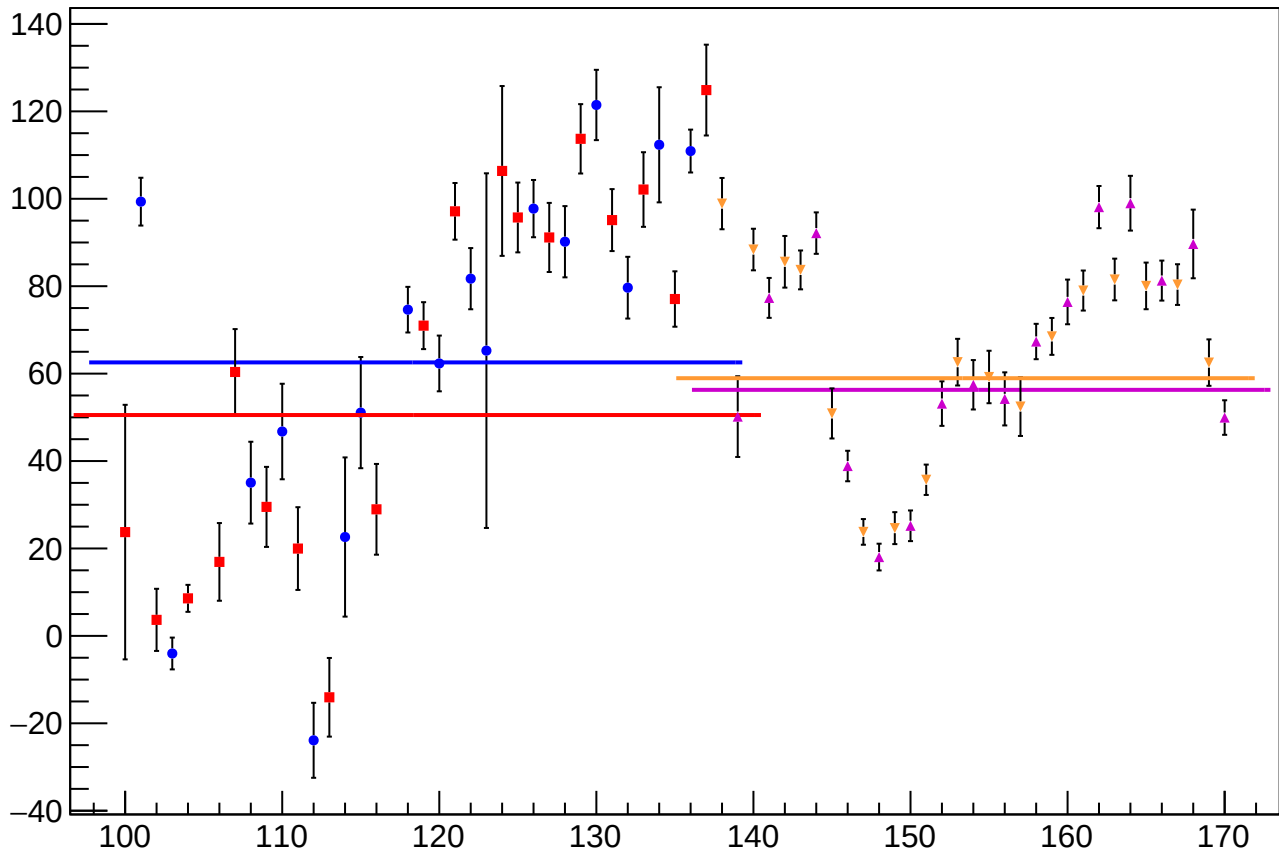
Left In: 303.164 $\pm$ 1.360 χ^2 /NDF:995.4/15

+ sign 292.249 $\pm$ 1.192 χ^2 /NDF: 8632.1/33

All: 292.830 $\pm$ 0.842 χ^2 /NDF: 18055.6/68

- sign 293.409 $\pm$ 1.190 χ^2 /NDF: 9423.1/34

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 $\chi^2/\text{NDF}: 722.4/16$

Left Out: 58.953 ± 1.114 $\chi^2/\text{NDF}: 499.4/16$

Right Out: 50.526 ± 1.643 $\chi^2/\text{NDF}: 657.0/18$

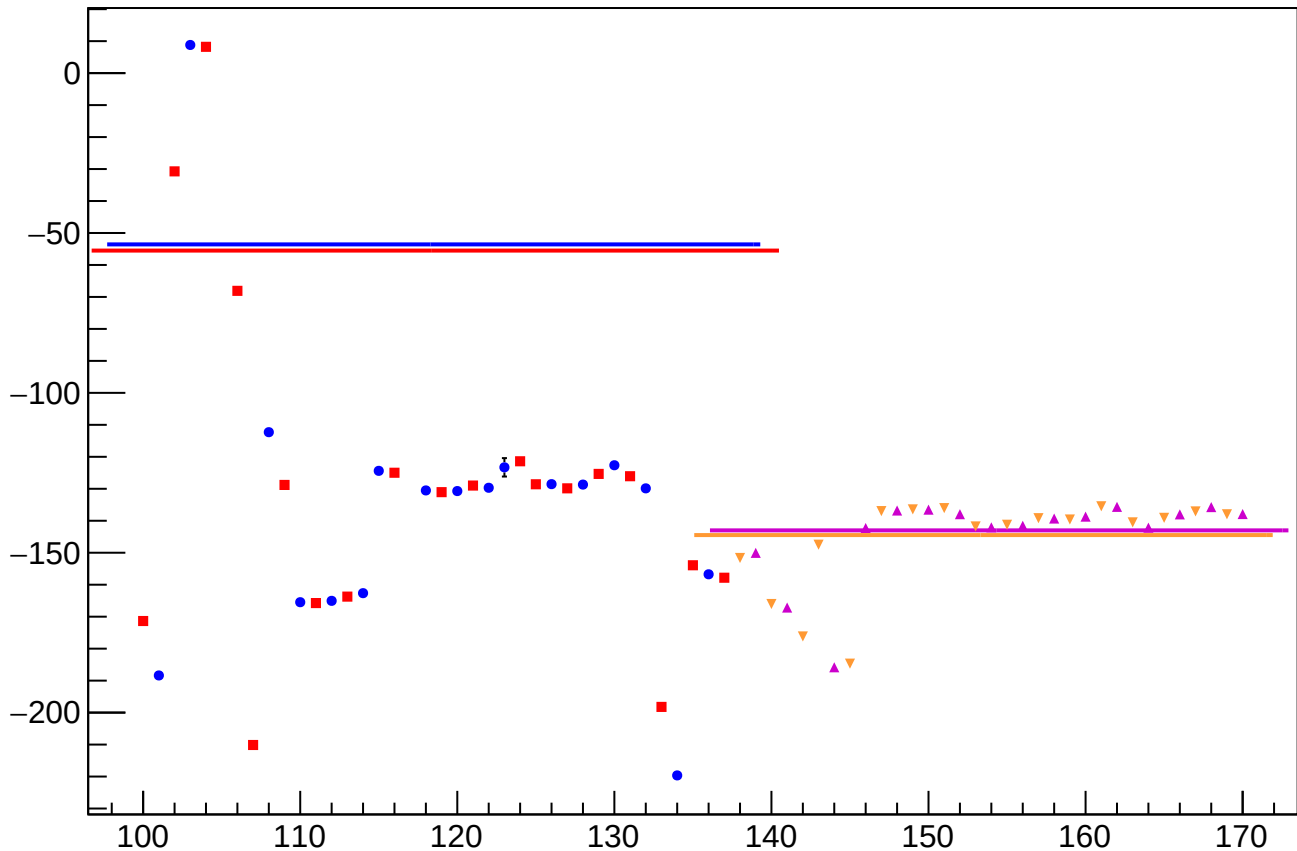
Left In: 56.288 ± 1.142 $\chi^2/\text{NDF}: 534.2/15$

+ sign 60.058 ± 0.928 $\chi^2/\text{NDF}: 1225.0/33$

All: 57.264 ± 0.660 $\chi^2/\text{NDF}: 2442.9/68$

- sign 54.413 ± 0.938 $\chi^2/\text{NDF}: 1199.5/34$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -144.480 ± 0.055 χ^2/NDF : 56543.5/16

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

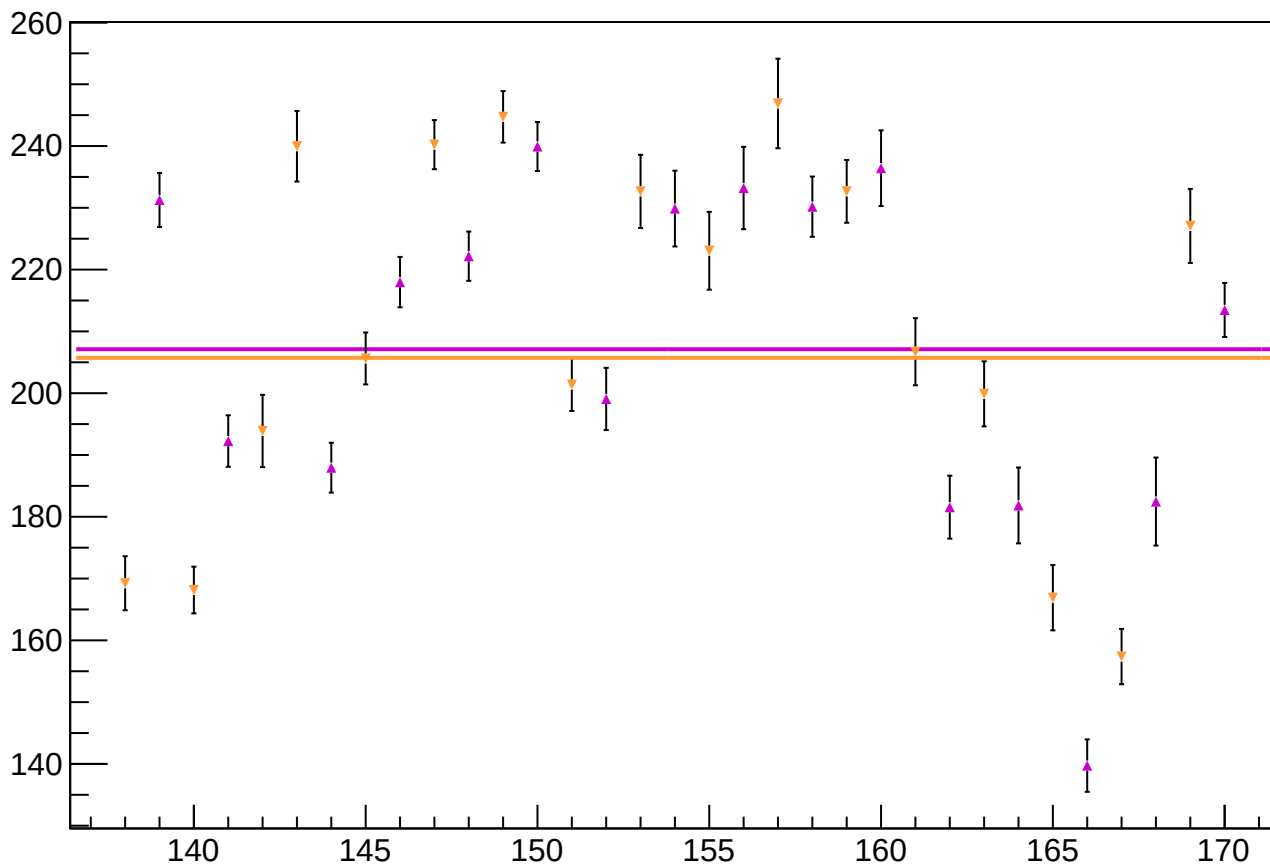
Left In: -143.007 ± 0.054 χ^2/NDF : 45707.8/15

+ sign -110.312 ± 0.043 χ^2/NDF : 2331428.4/33

All: -110.850 ± 0.031 χ^2/NDF : 4292911.0/68

- sign -111.390 ± 0.043 χ^2/NDF : 1961170.7/34

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 205.723+/-1.187 χ^2/NDF : 645.4/16

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

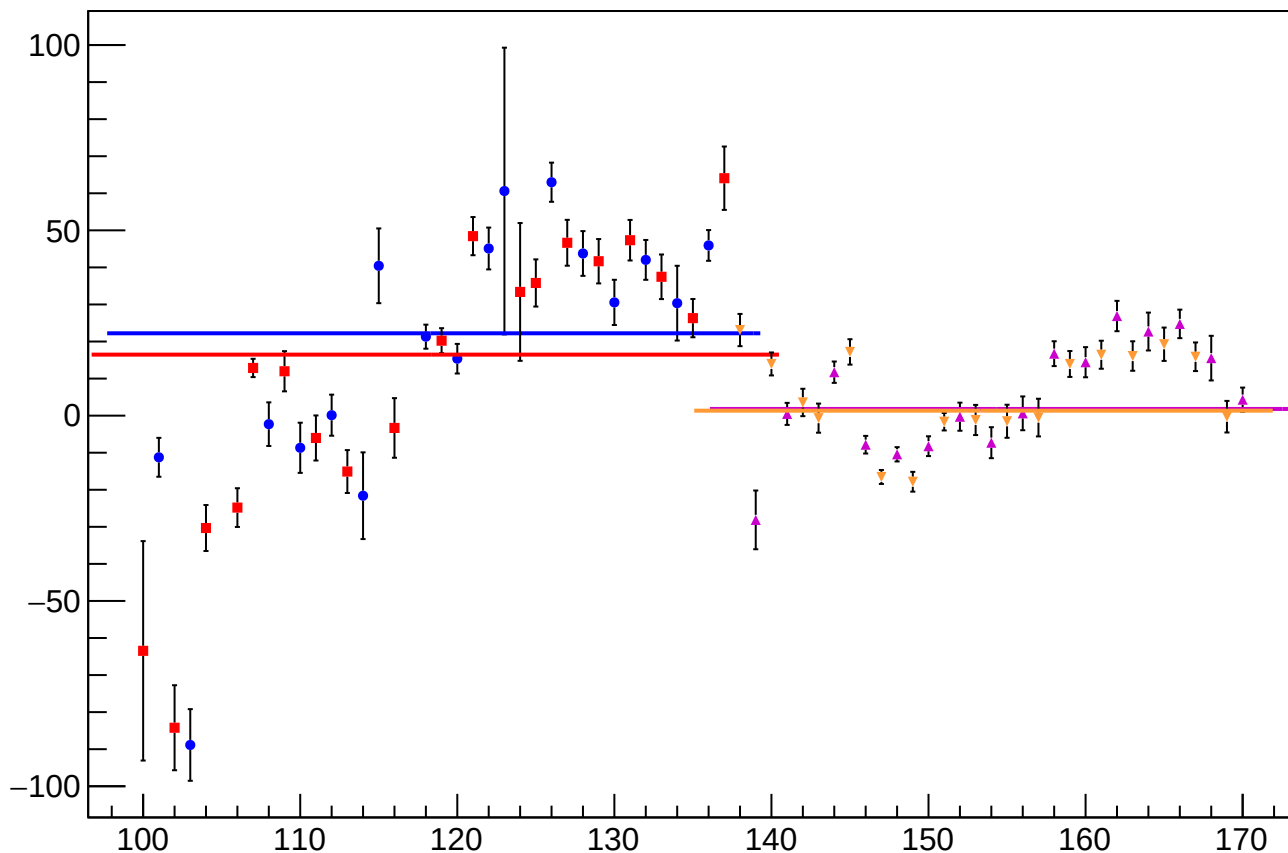
Left In: 207.114+/-1.189 χ^2/NDF : 541.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.418+/-0.840 χ^2/NDF : 1187.3/32

- 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: 1.343 ± 0.812 χ^2/NDF : 280.7/16

Right Out: 16.466 ± 1.230 χ^2/NDF : 425.9/18

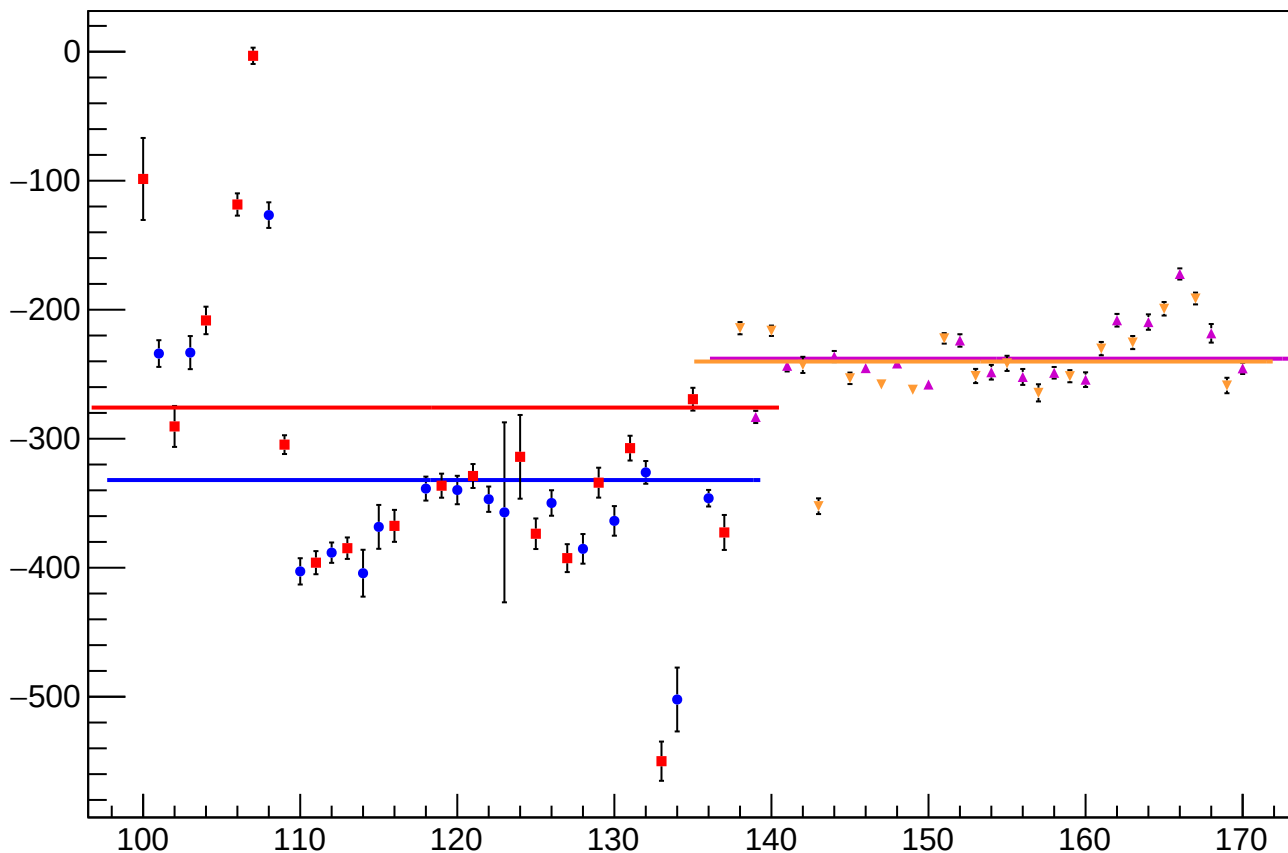
Left In: 1.806 ± 0.832 χ^2/NDF : 227.2/15

+ sign 6.745 ± 0.699 χ^2/NDF : 837.5/33

All: 6.573 ± 0.491 χ^2/NDF : 1588.3/68

- sign 6.407 ± 0.689 χ^2/NDF : 750.7/34

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 $\chi^2/\text{NDF}: 784.9/16$

Left Out: -240.163 ± 1.174 $\chi^2/\text{NDF}: 705.0/16$

Right Out: -275.853 ± 2.324 $\chi^2/\text{NDF}: 3362.8/18$

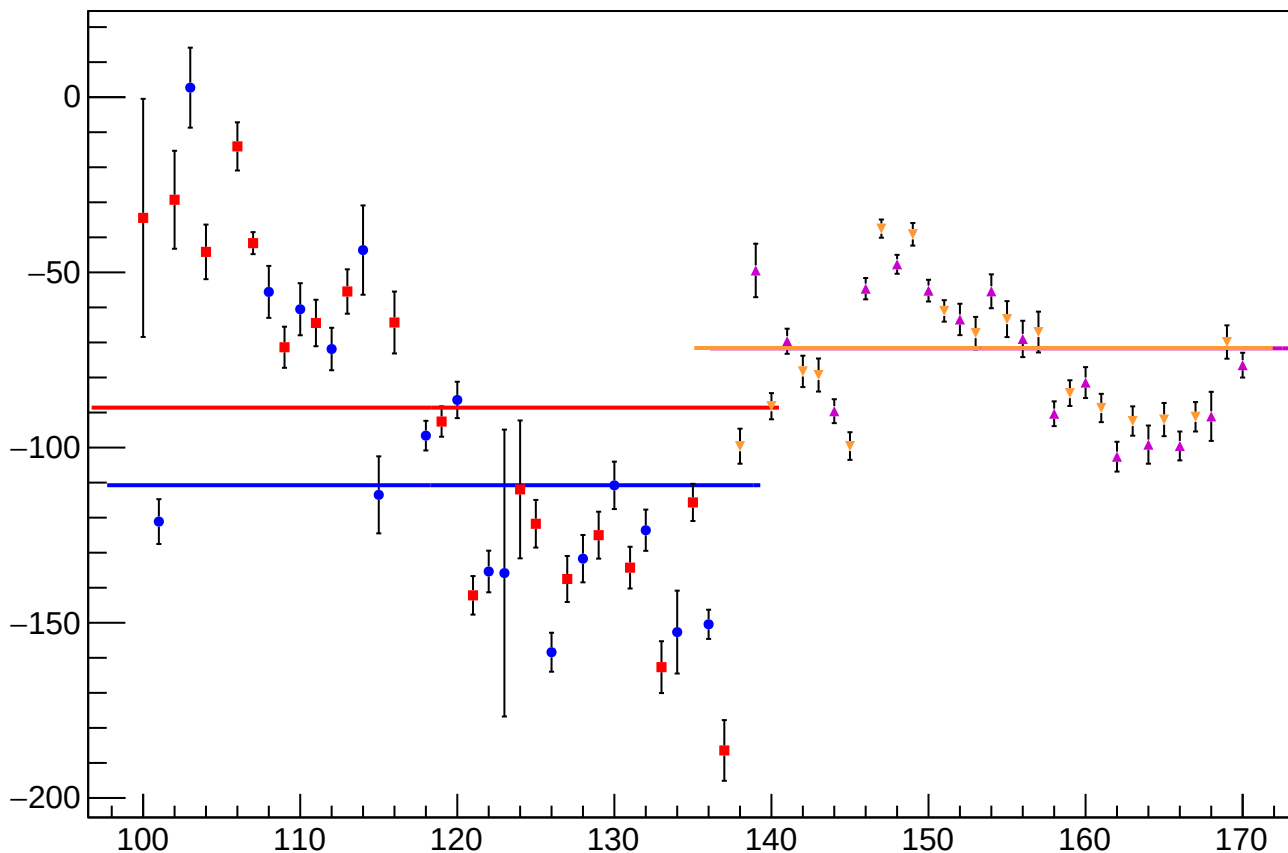
Left In: -237.954 ± 1.167 $\chi^2/\text{NDF}: 458.4/15$

+ sign -256.112 ± 1.067 $\chi^2/\text{NDF}: 2552.7/33$

All: -250.726 ± 0.746 $\chi^2/\text{NDF}: 6636.1/68$

- sign -245.585 ± 1.043 $\chi^2/\text{NDF}: 4033.6/34$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -71.581 ± 0.965 χ^2/NDF : 491.0/16

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

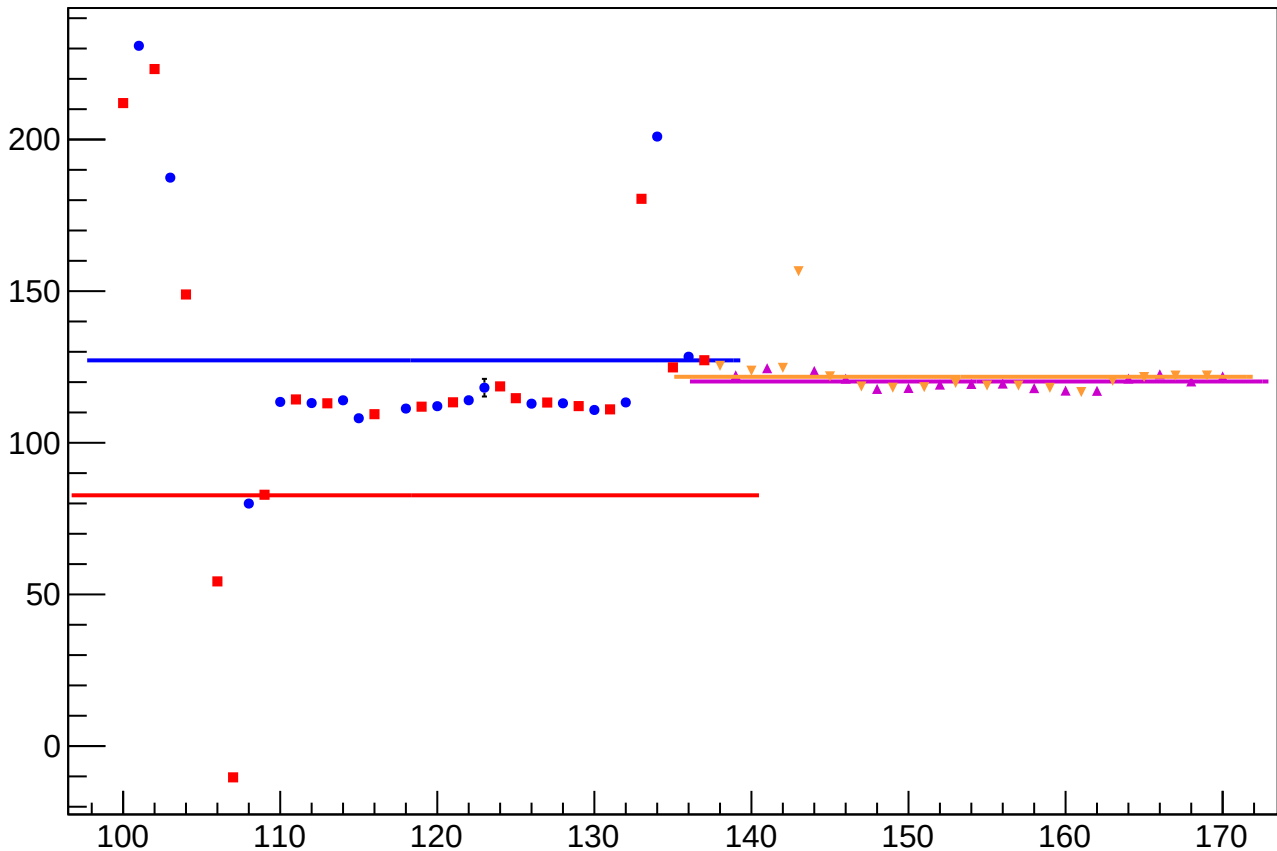
Left In: -71.683 ± 0.981 χ^2/NDF : 356.2/15

+ sign -82.247 ± 0.823 χ^2/NDF : 1452.9/33

All: -79.616 ± 0.577 χ^2/NDF : 2893.6/68

- sign -77.072 ± 0.810 χ^2/NDF : 1420.7/34

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 121.762 $\pm$ 0.047 χ^2 /NDF: 23682.0/16

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

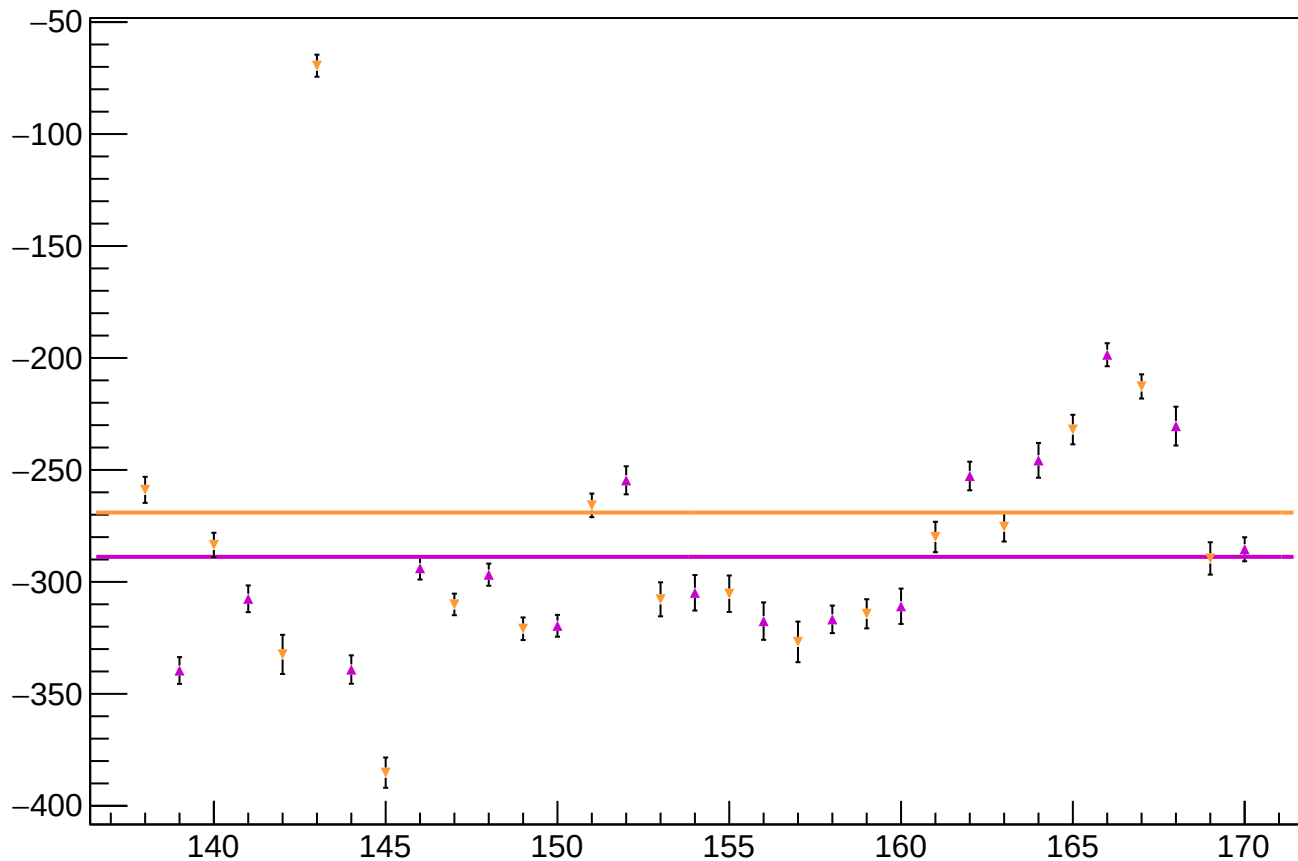
Left In: 120.214 $\pm$ 0.046 χ^2 /NDF: 2504.9/15

+ sign 122.945 $\pm$ 0.042 χ^2 /NDF: 214627.4/33

All: 116.076 $\pm$ 0.029 χ^2 /NDF: 1214707.9/68

- sign 109.877 $\pm$ 0.040 χ^2 /NDF: 948207.8/34

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -269.036+/-1.496 χ^2/NDF : 2465.0/16

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

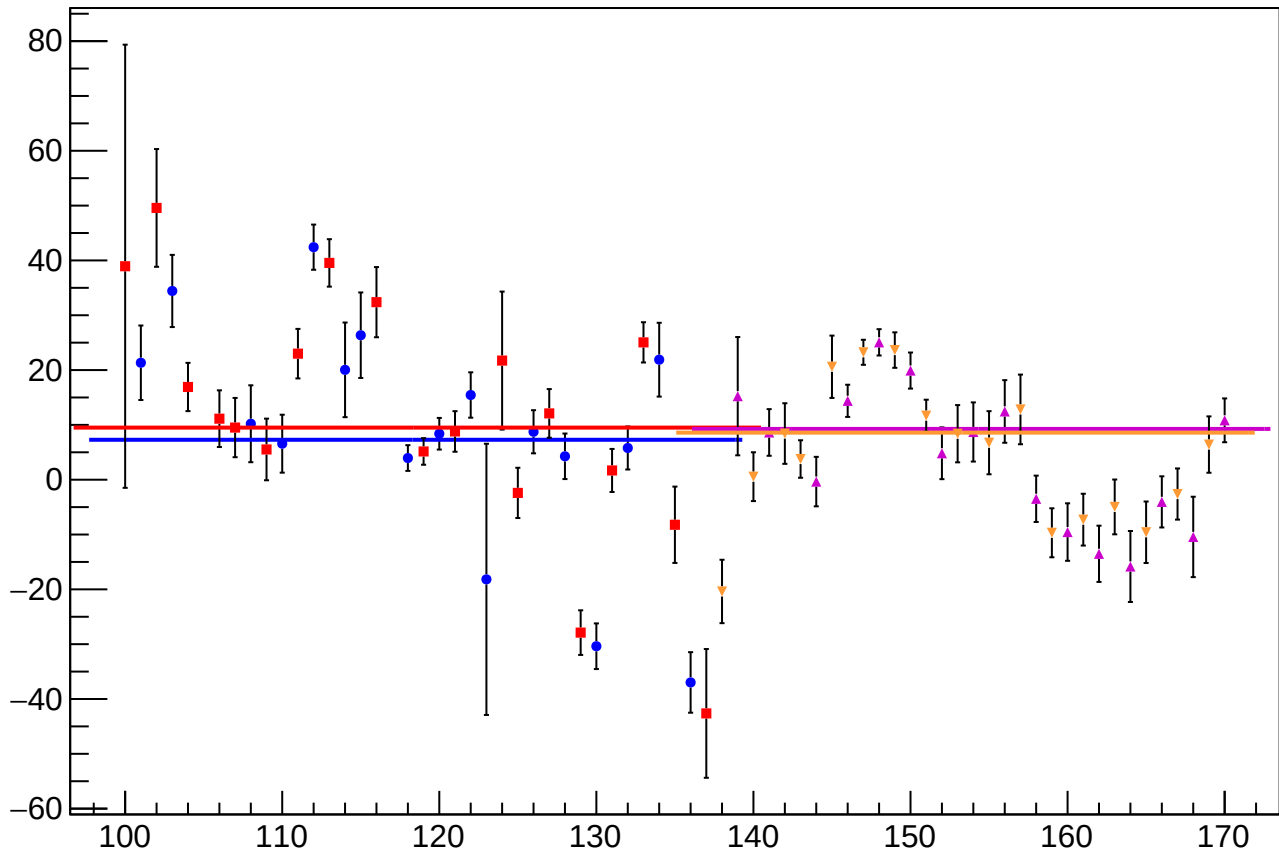
Left In: -288.823+/-1.529 χ^2/NDF : 677.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.710+/-1.069 χ^2/NDF : 3227.8/32

- 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: 8.585 ± 1.012 χ^2/NDF : 151.1/16

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

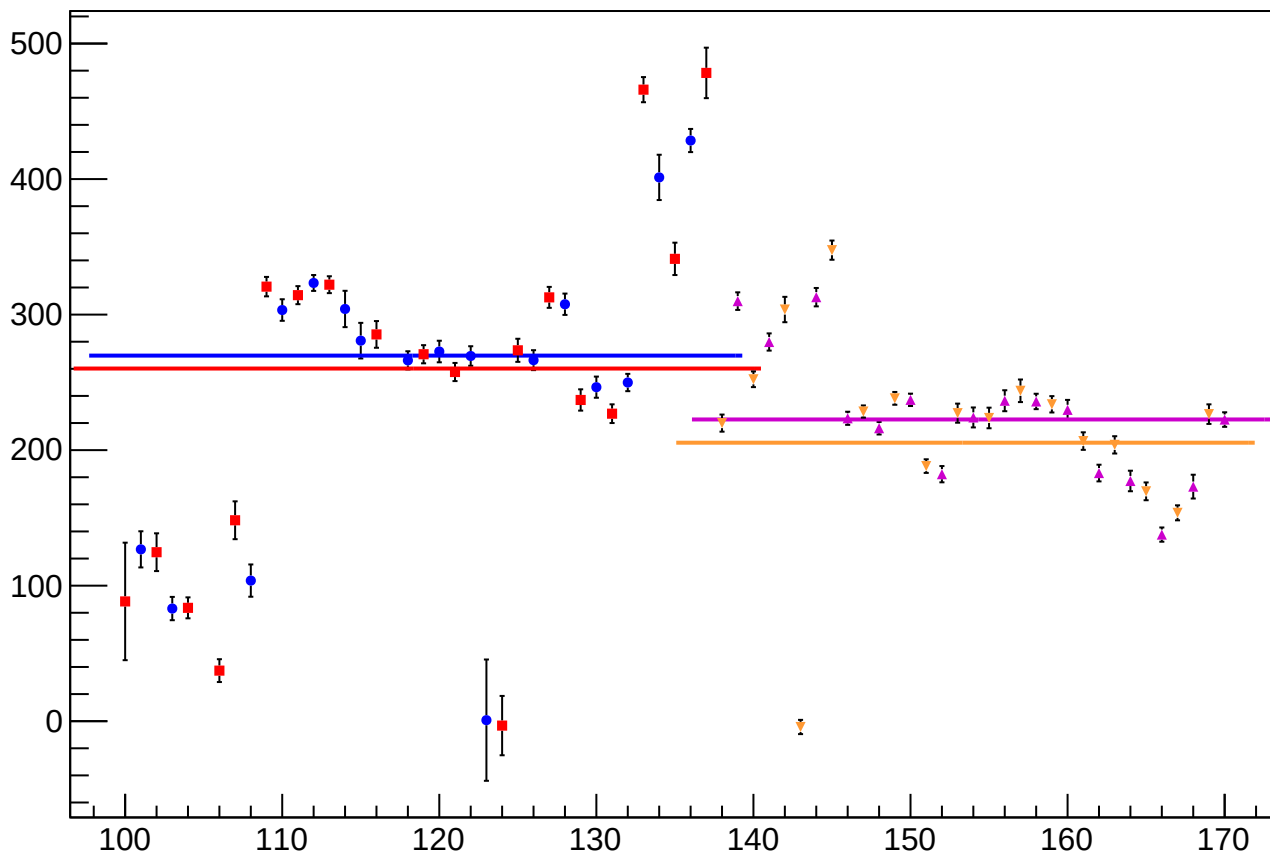
Left In: 9.265 ± 1.062 χ^2/NDF : 135.1/15

+ sign 7.979 ± 0.739 χ^2/NDF : 412.9/33

All: 8.666 ± 0.528 χ^2/NDF : 781.3/68

- sign 9.384 ± 0.755 χ^2/NDF : 366.6/34

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 205.485 $\pm$ 1.476 χ^2 /NDF:2446.4/16

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

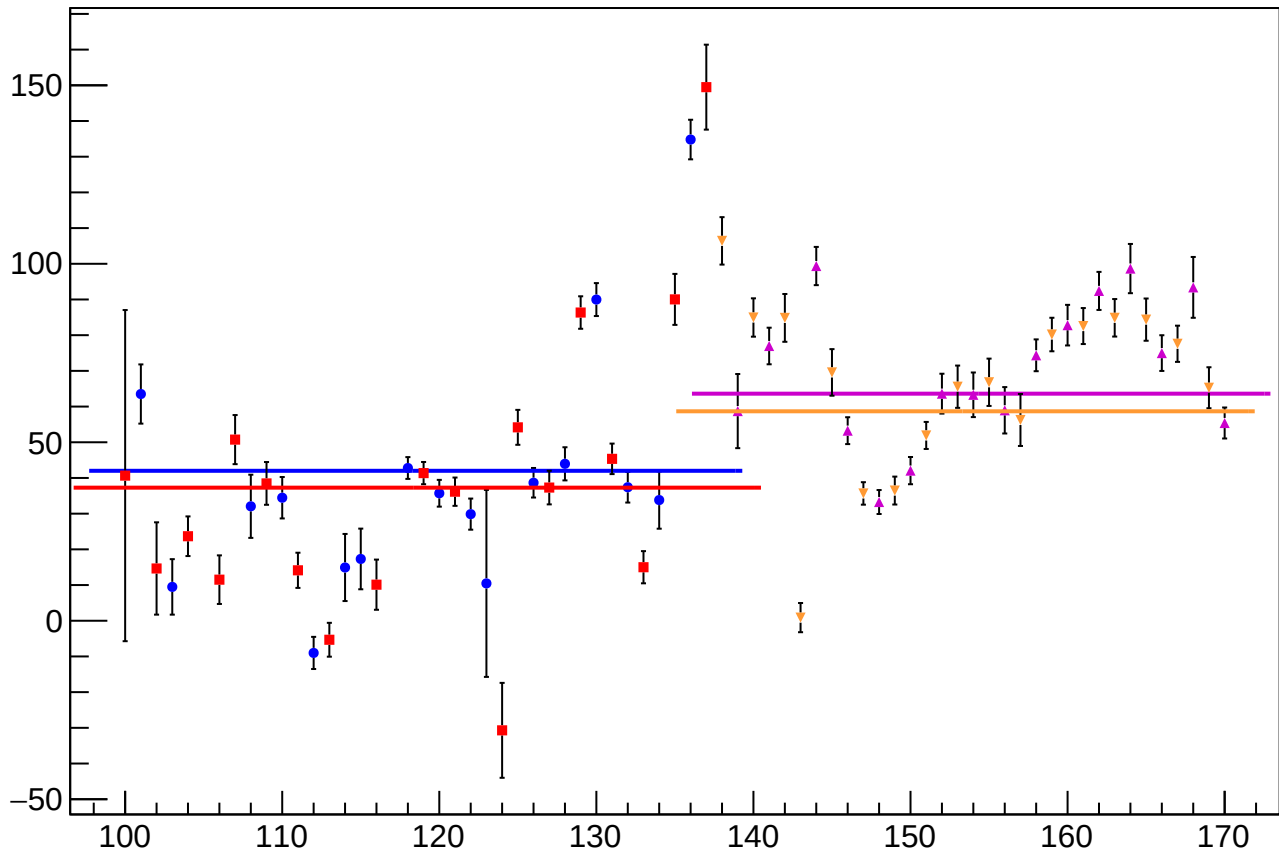
Left In: 222.629 $\pm$ 1.495 χ^2 /NDF:876.8/15

+ sign 227.123 $\pm$ 1.202 χ^2 /NDF: 4458.9/33

All: 231.741 $\pm$ 0.846 χ^2 /NDF: 8136.3/68

- sign 236.286 $\pm$ 1.192 χ^2 /NDF: 3648.2/34

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 58.676 $\pm$ 1.206 χ^2/NDF : 487.4/16

Right Out: 37.284 $\pm$ 1.237 χ^2/NDF : 472.6/18

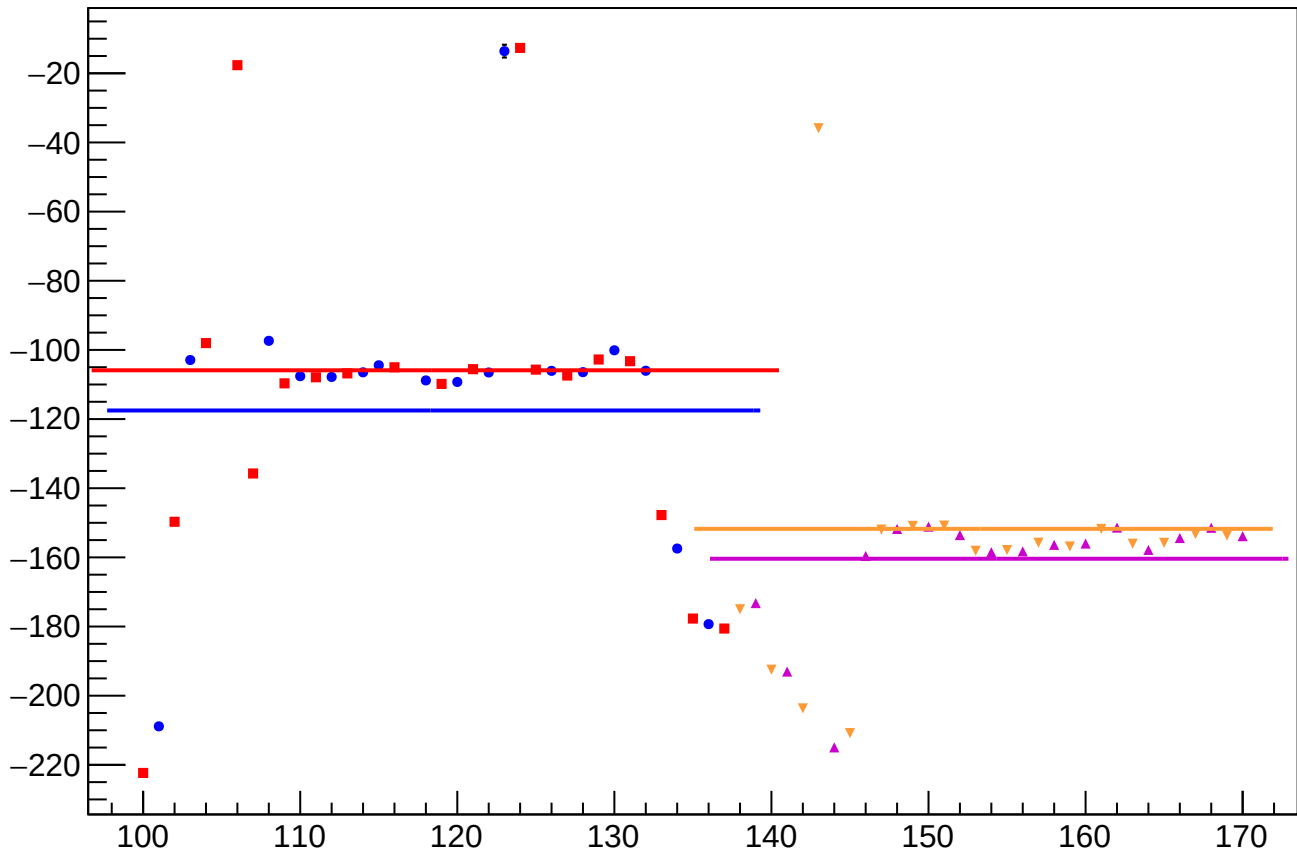
Left In: 63.613 $\pm$ 1.254 χ^2/NDF : 266.4/15

+ sign 50.676 $\pm$ 0.870 χ^2/NDF : 1154.7/33

All: 50.475 $\pm$ 0.619 χ^2/NDF : 2117.2/68

- sign 50.269 $\pm$ 0.881 χ^2/NDF : 962.4/34

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -151.747+/-0.059 χ^2/NDF : 403988.4/16

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

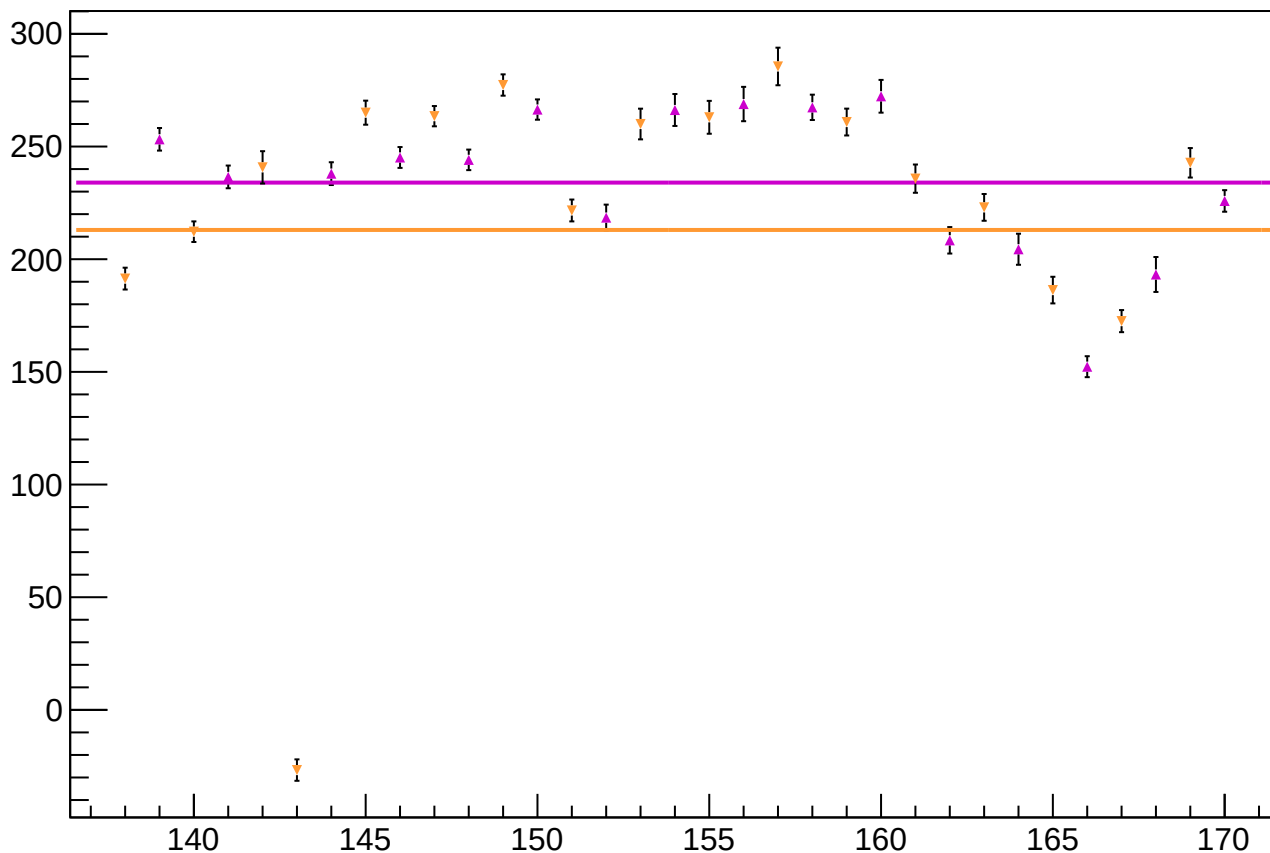
Left In: -160.396+/-0.059 χ^2/NDF : 62675.1/15

+ sign -139.231+/-0.047 χ^2/NDF : 668176.9/33

All: -138.899+/-0.033 χ^2/NDF : 1391446.5/68

- sign -138.582+/-0.046 χ^2/NDF : 723173.0/34

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 212.982+/-1.341 χ^2/NDF : 3345.7/16

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

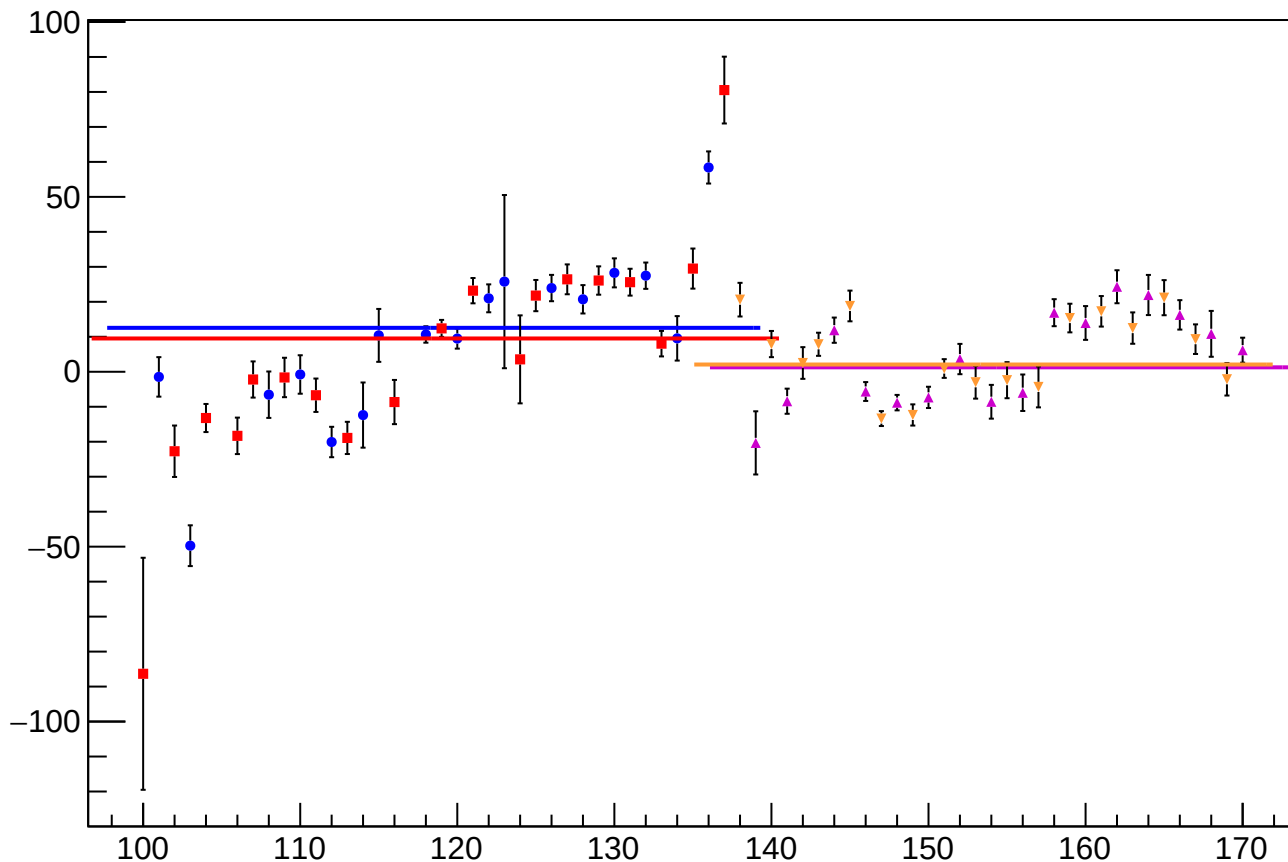
Left In: 233.996+/-1.365 χ^2/NDF : 566.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.304+/-0.957 χ^2/NDF : 4033.1/32

- 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: 2.072 ± 0.916 χ^2/NDF : 159.7/16

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

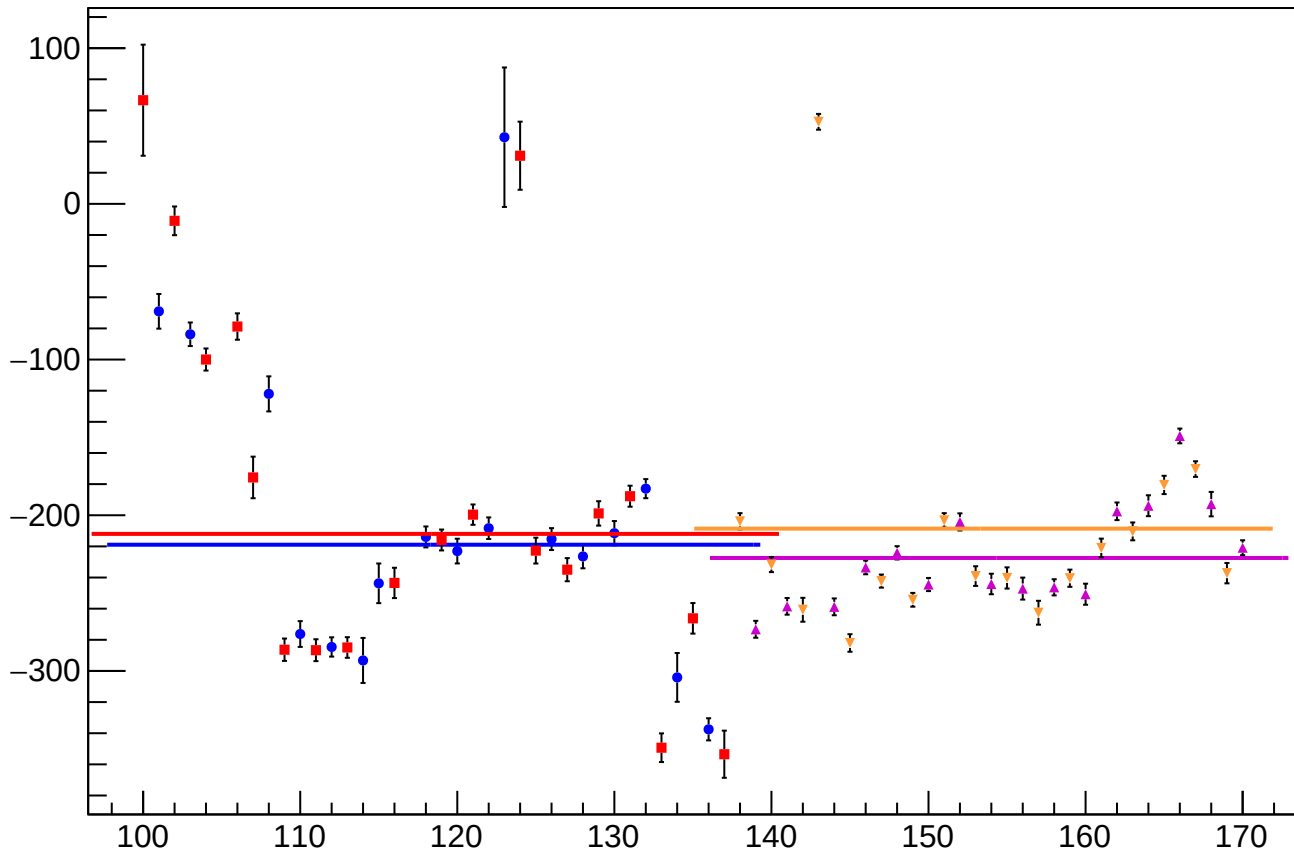
Left In: 1.268 ± 0.956 χ^2/NDF : 140.3/15

+ sign 6.580 ± 0.692 χ^2/NDF : 563.8/33

All: 5.811 ± 0.495 χ^2/NDF : 1036.6/68

- sign 5.007 ± 0.707 χ^2/NDF : 470.3/34

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925±/2.006 χ^2/NDF : 1146.6/16

Left Out: -208.590±/1.328 χ^2/NDF : 3294.3/16

Right Out: -211.968±/1.924 χ^2/NDF : 1886.2/18

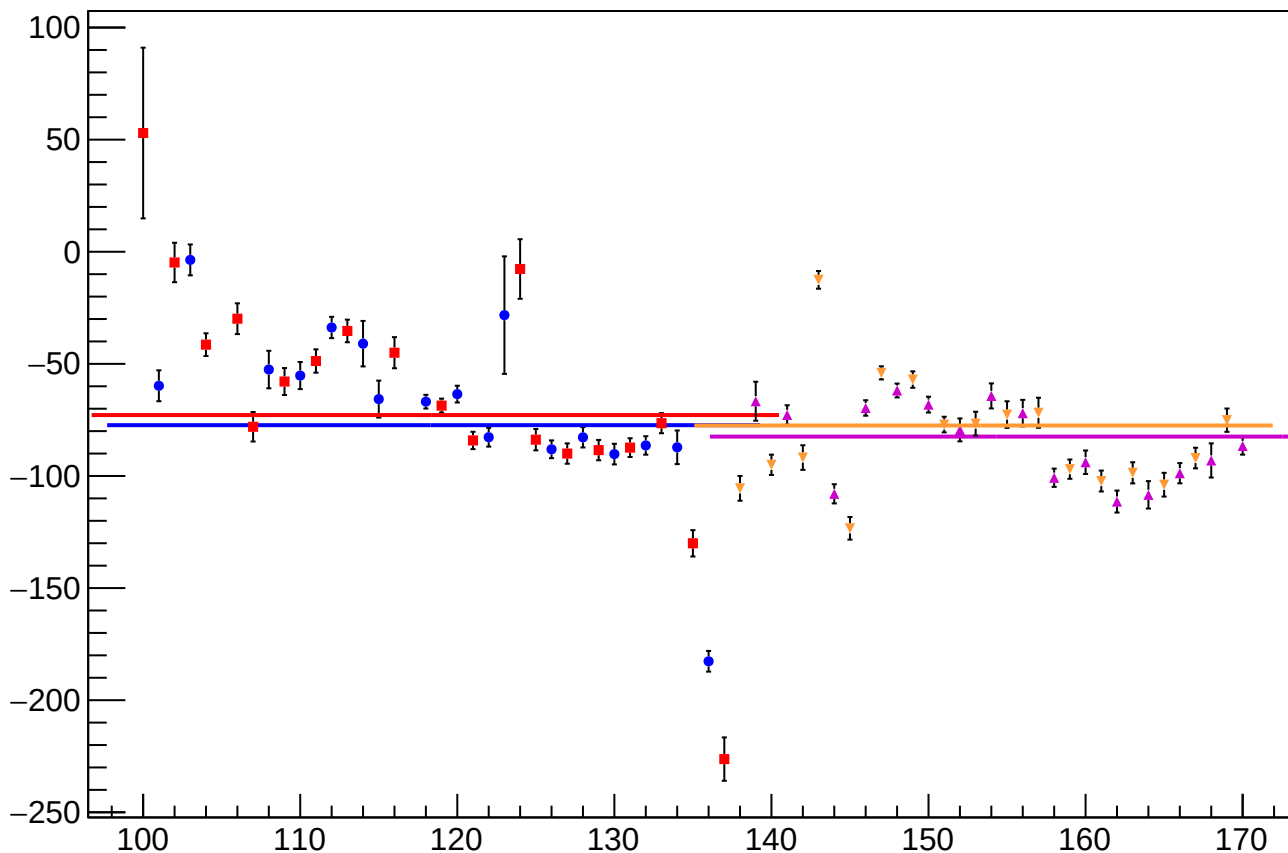
Left In: -227.431±/1.339 χ^2/NDF : 562.7/15

+ sign -211.739±/1.107 χ^2/NDF : 4459.4/33

All: -217.104±/0.780 χ^2/NDF : 6998.4/68

- sign -222.388±/1.099 χ^2/NDF : 2492.4/34

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -77.491 ± 1.090 χ^2/NDF : 600.5/16

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

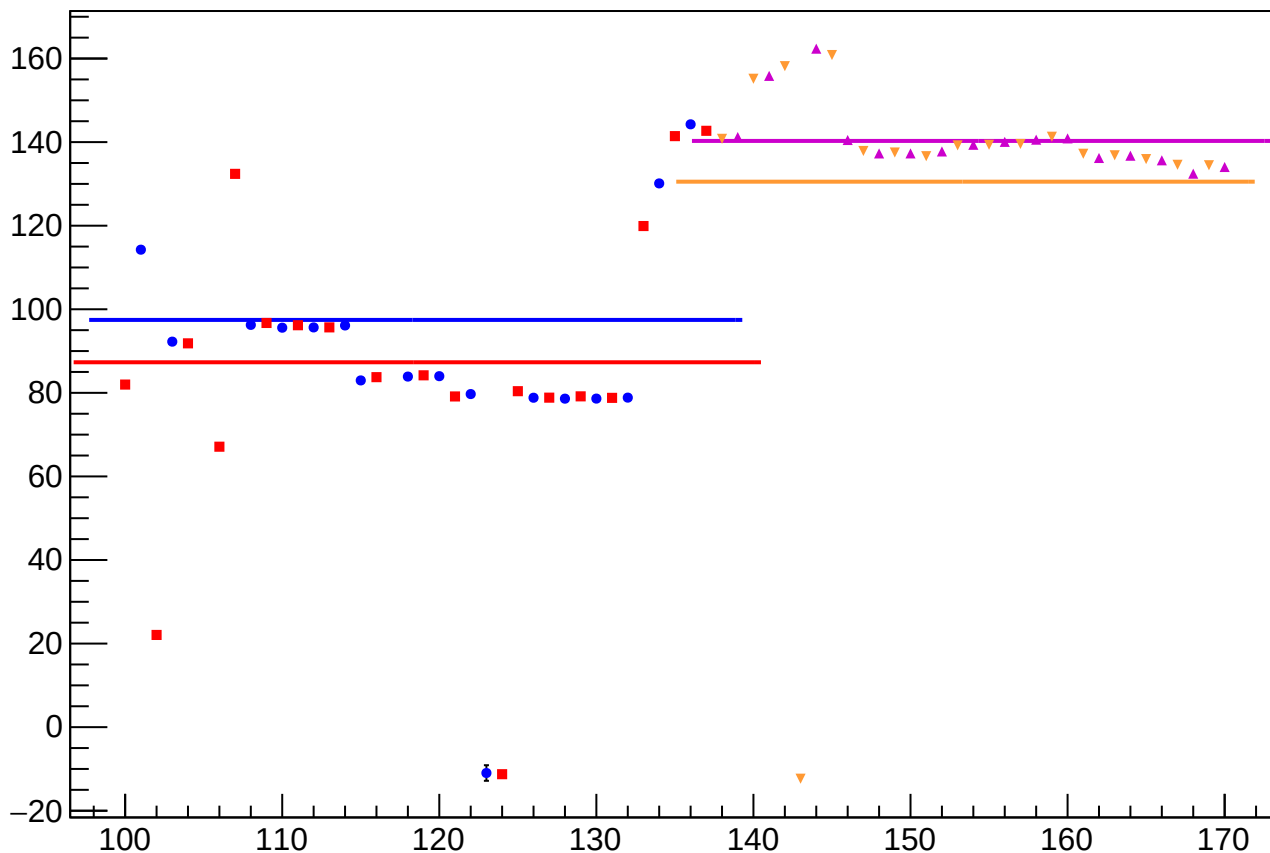
Left In: -82.433 ± 1.127 χ^2/NDF : 226.4/15

+ sign -77.425 ± 0.813 χ^2/NDF : 1417.7/33

All: -77.693 ± 0.579 χ^2/NDF : 2351.0/68

- sign -77.968 ± 0.824 χ^2/NDF : 933.0/34

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 130.533 $\pm$ 0.053 χ^2 /NDF: 550879.7/16

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

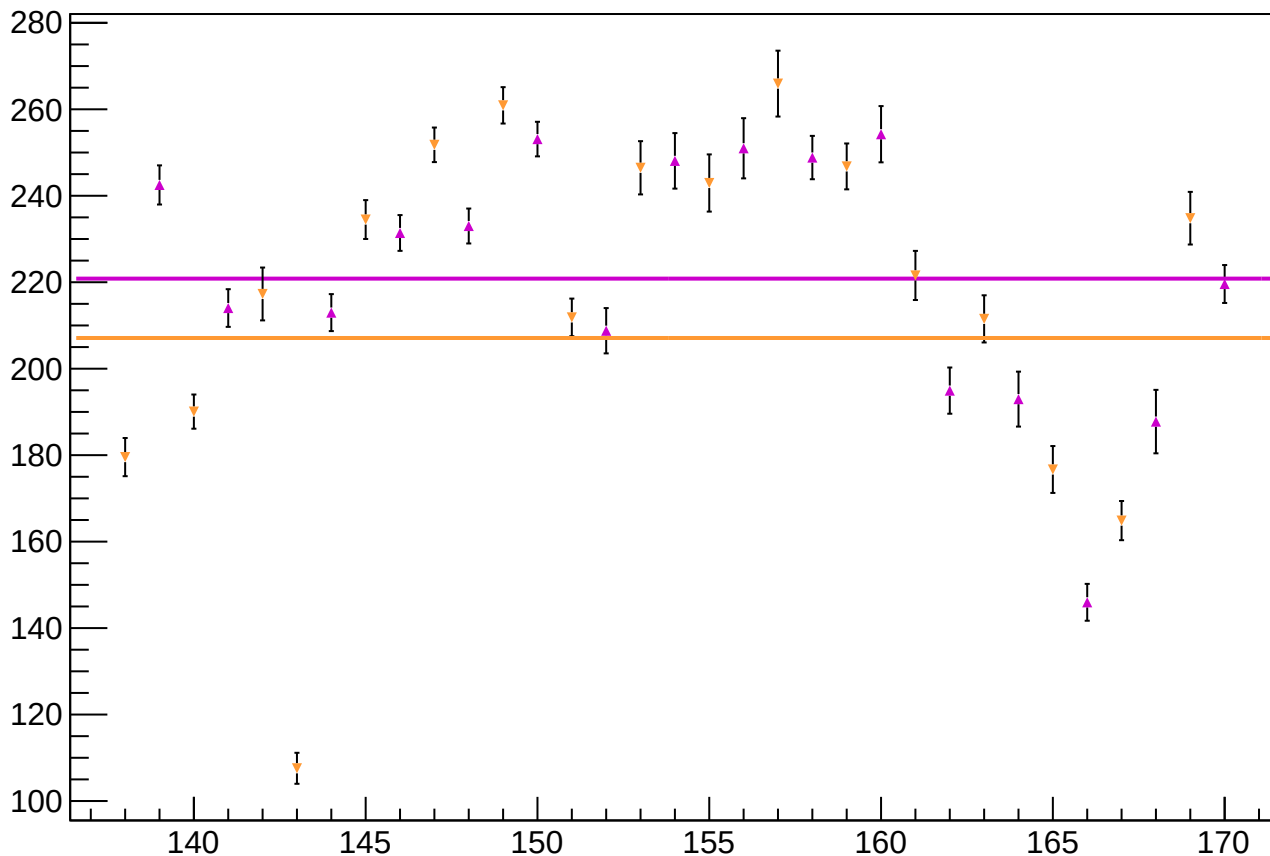
Left In: 140.283 $\pm$ 0.053 χ^2 /NDF: 17525.4/15

+ sign 119.105 $\pm$ 0.043 χ^2 /NDF: 778803.6/33

All: 119.689 $\pm$ 0.030 χ^2 /NDF: 1393069.4/68

- sign 120.243 $\pm$ 0.042 χ^2 /NDF: 613907.6/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 207.102+/-1.181 χ^2/NDF :1489.8/16

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

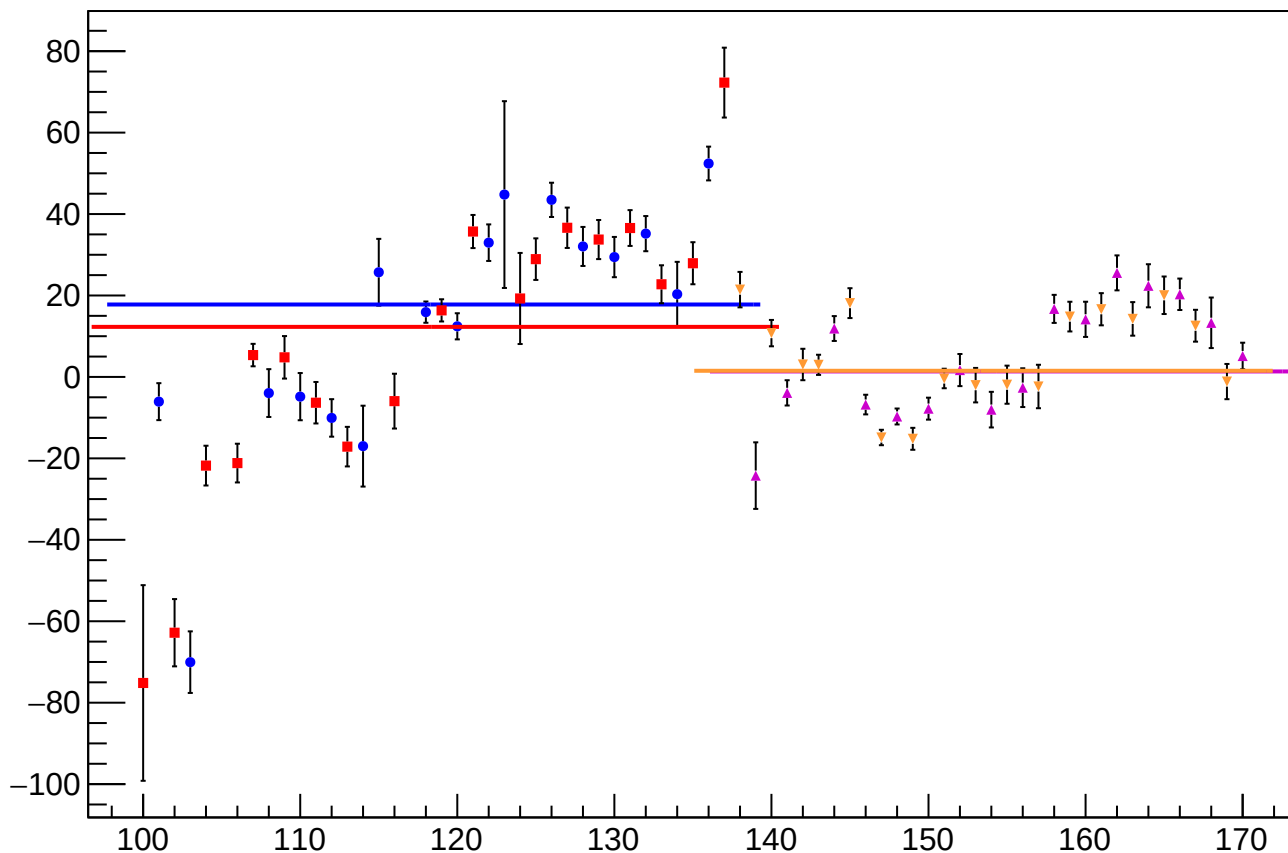
Left In: 220.834+/-1.223 χ^2/NDF :580.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.725+/-0.850 χ^2/NDF : 2135.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: 1.509 $\pm$ 0.805 χ^2 /NDF: 227.9/16

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

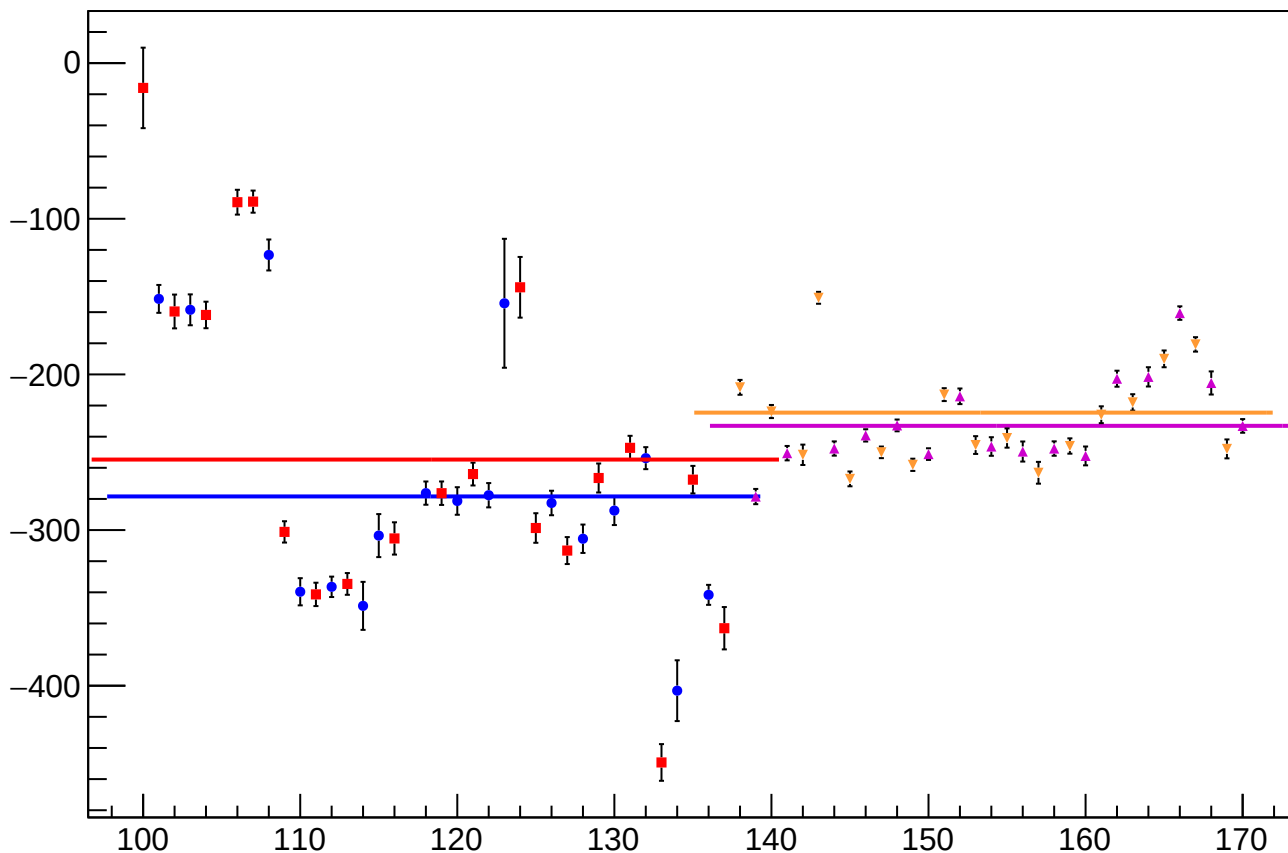
Left In: 1.347 $\pm$ 0.854 χ^2 /NDF: 190.1/15

+ sign 6.883 $\pm$ 0.659 χ^2 /NDF: 758.1/33

All: 6.219 $\pm$ 0.470 χ^2 /NDF: 1456.7/68

- sign 5.530 $\pm$ 0.671 χ^2 /NDF: 696.6/34

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: -224.548 ± 1.173 χ^2/NDF : 823.8/16

Right Out: -254.703 ± 2.020 χ^2/NDF : 2038.5/18

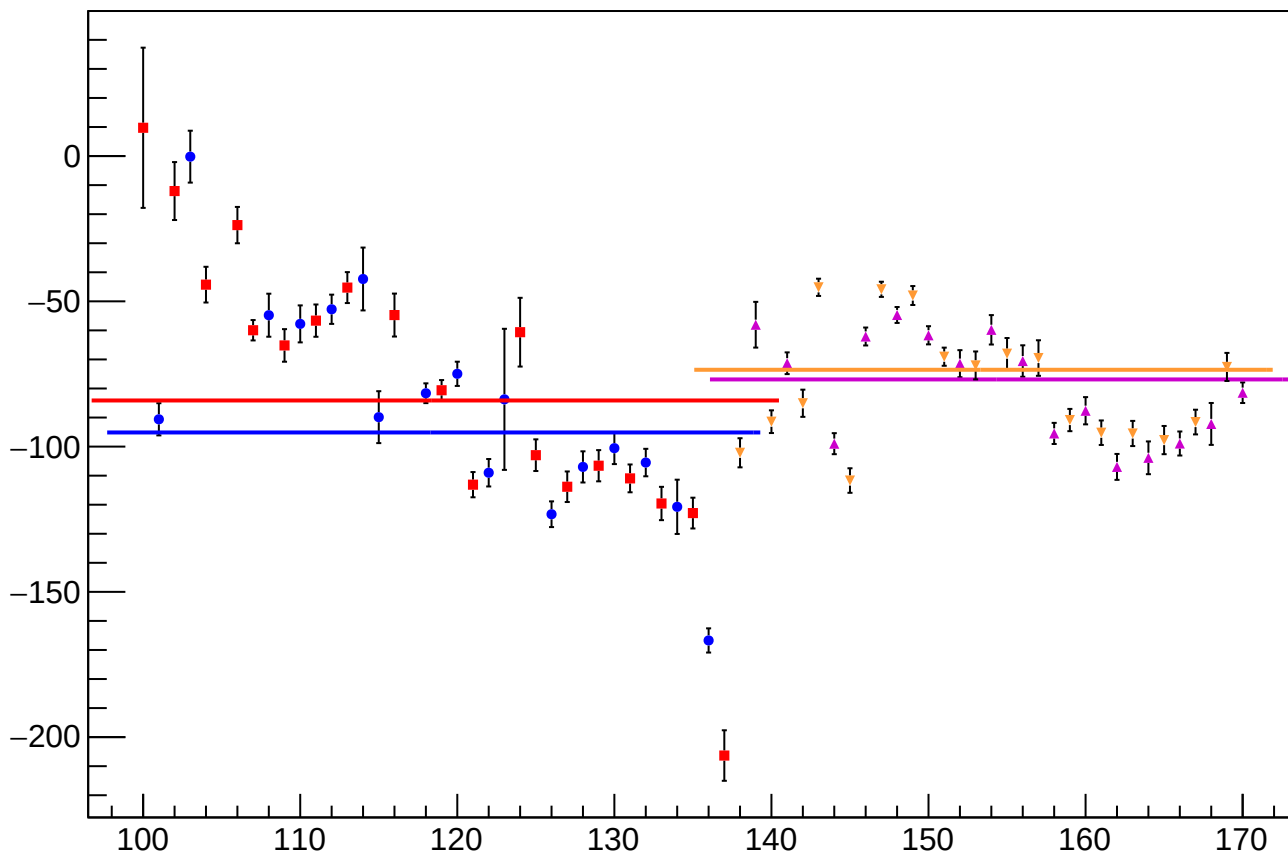
Left In: -233.031 ± 1.201 χ^2/NDF : 535.0/15

+ sign -236.741 ± 1.031 χ^2/NDF : 2211.6/33

All: -237.714 ± 0.730 χ^2/NDF : 4871.9/68

- sign -238.688 ± 1.032 χ^2/NDF : 2658.5/34

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: -73.557 ± 0.959 χ^2/NDF : 525.3/16

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

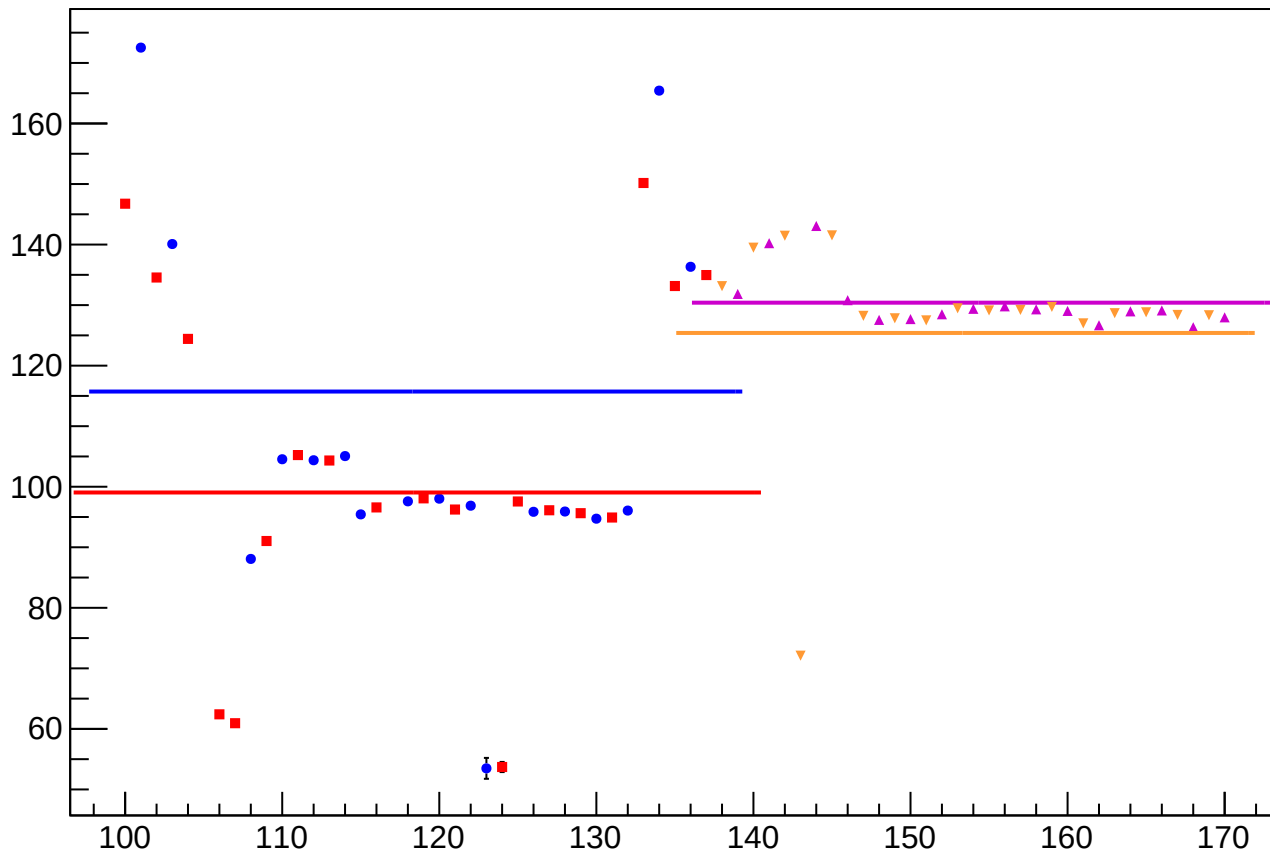
Left In: -76.883 ± 1.008 χ^2/NDF : 305.9/15

+ sign -80.996 ± 0.776 χ^2/NDF : 1374.6/33

All: -80.363 ± 0.553 χ^2/NDF : 2484.9/68

- sign -79.713 ± 0.787 χ^2/NDF : 1109.0/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 125.402 $\pm$ 0.047 χ^2 /NDF:142500.5/16

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

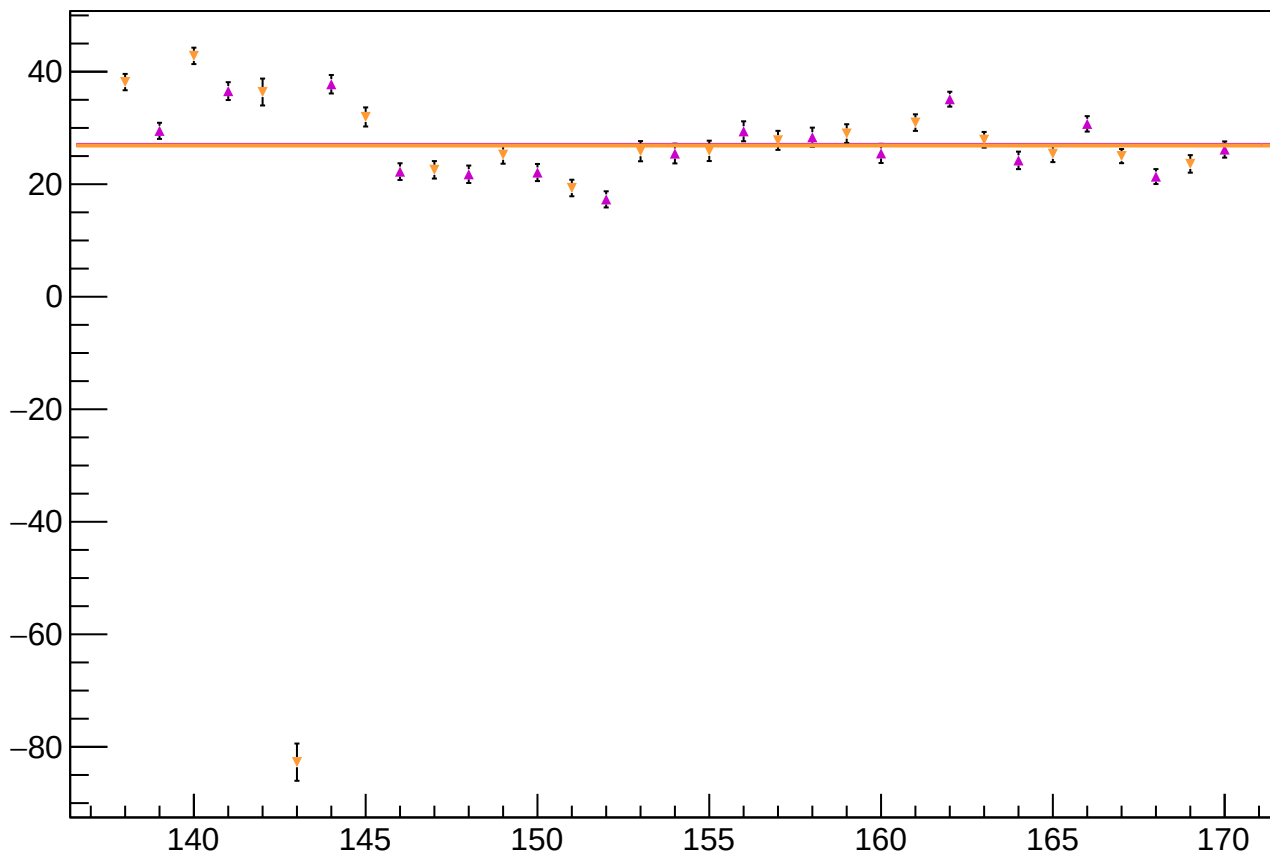
Left In: 130.402 $\pm$ 0.048 χ^2 /NDF:8488.4/15

+ sign 122.816 $\pm$ 0.040 χ^2 /NDF: 260175.9/33

All: 121.435 $\pm$ 0.028 χ^2 /NDF: 585245.2/68

- sign 120.129 $\pm$ 0.039 χ^2 /NDF: 322787.1/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 26.880+/-0.388 χ^2/NDF :1353.9/16

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

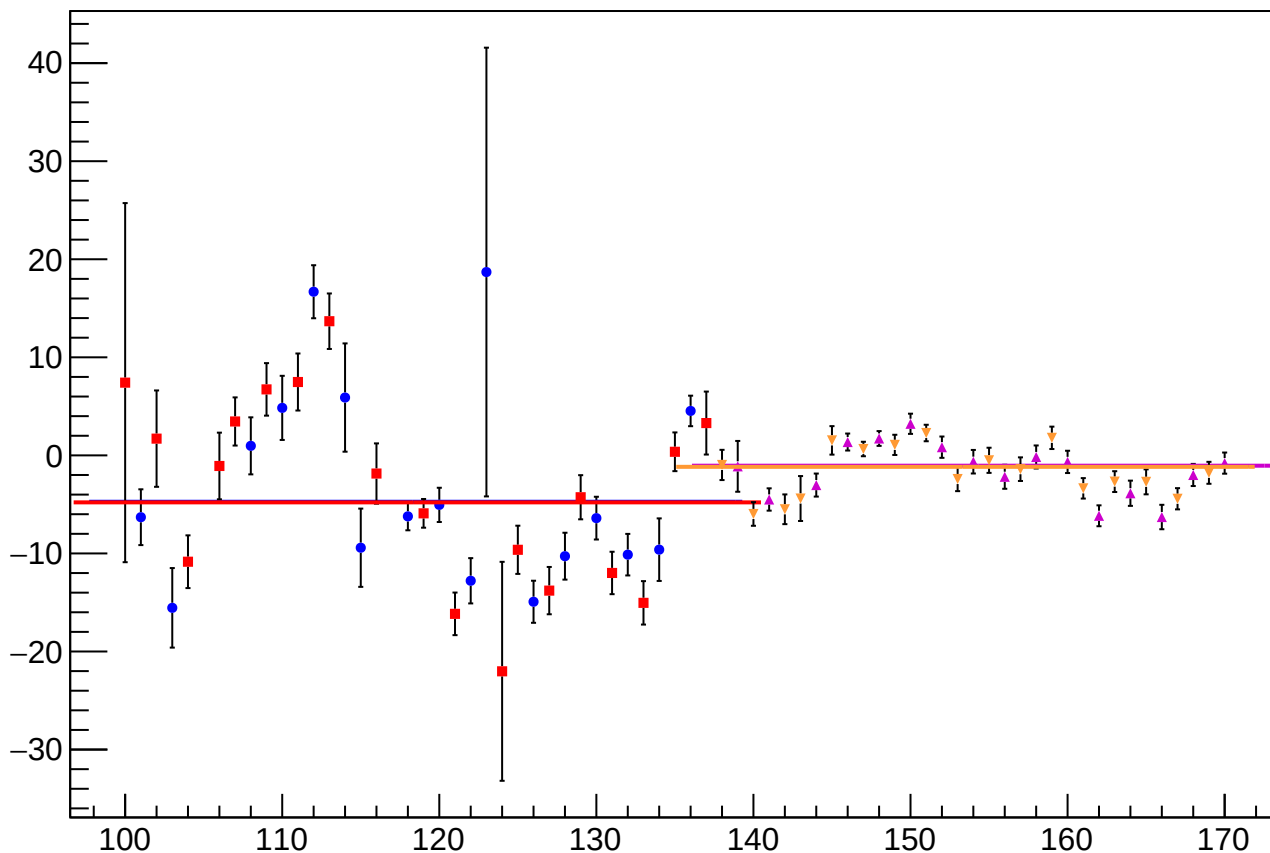
Left In: 26.985+/-0.380 χ^2/NDF :230.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.934+/-0.272 χ^2/NDF : 1584.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -1.168 ± 0.275 χ^2/NDF : 82.5/16

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

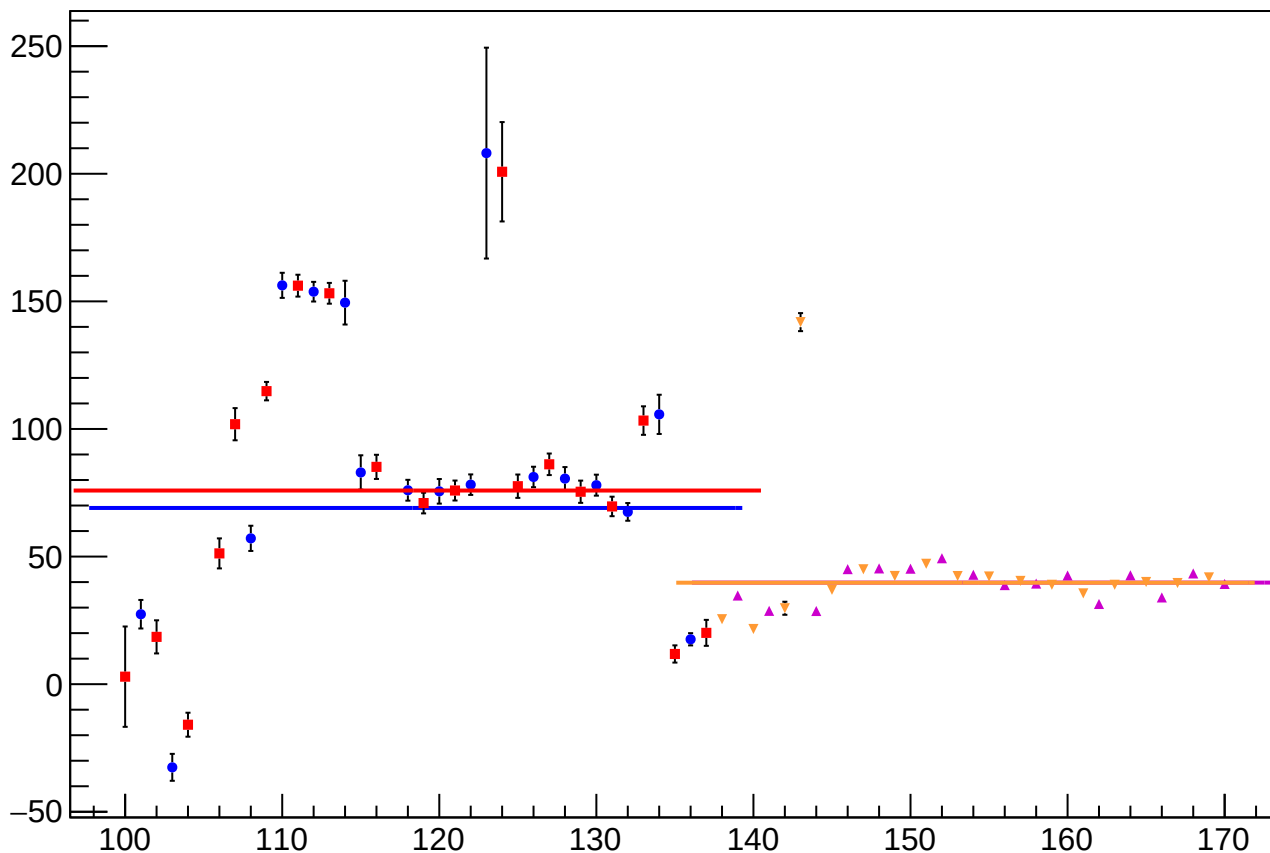
Left In: -1.052 ± 0.276 χ^2/NDF : 101.3/15

+ sign -1.824 ± 0.249 χ^2/NDF : 288.1/33

All: -1.777 ± 0.176 χ^2/NDF : 616.4/68

- sign -1.731 ± 0.249 χ^2/NDF : 328.2/34

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 ± 1.077 $\chi^2/\text{NDF}: 1847.9/16$

Left Out: 39.762 ± 0.381 $\chi^2/\text{NDF}: 1131.4/16$

Right Out: 75.878 ± 1.069 $\chi^2/\text{NDF}: 1895.0/18$

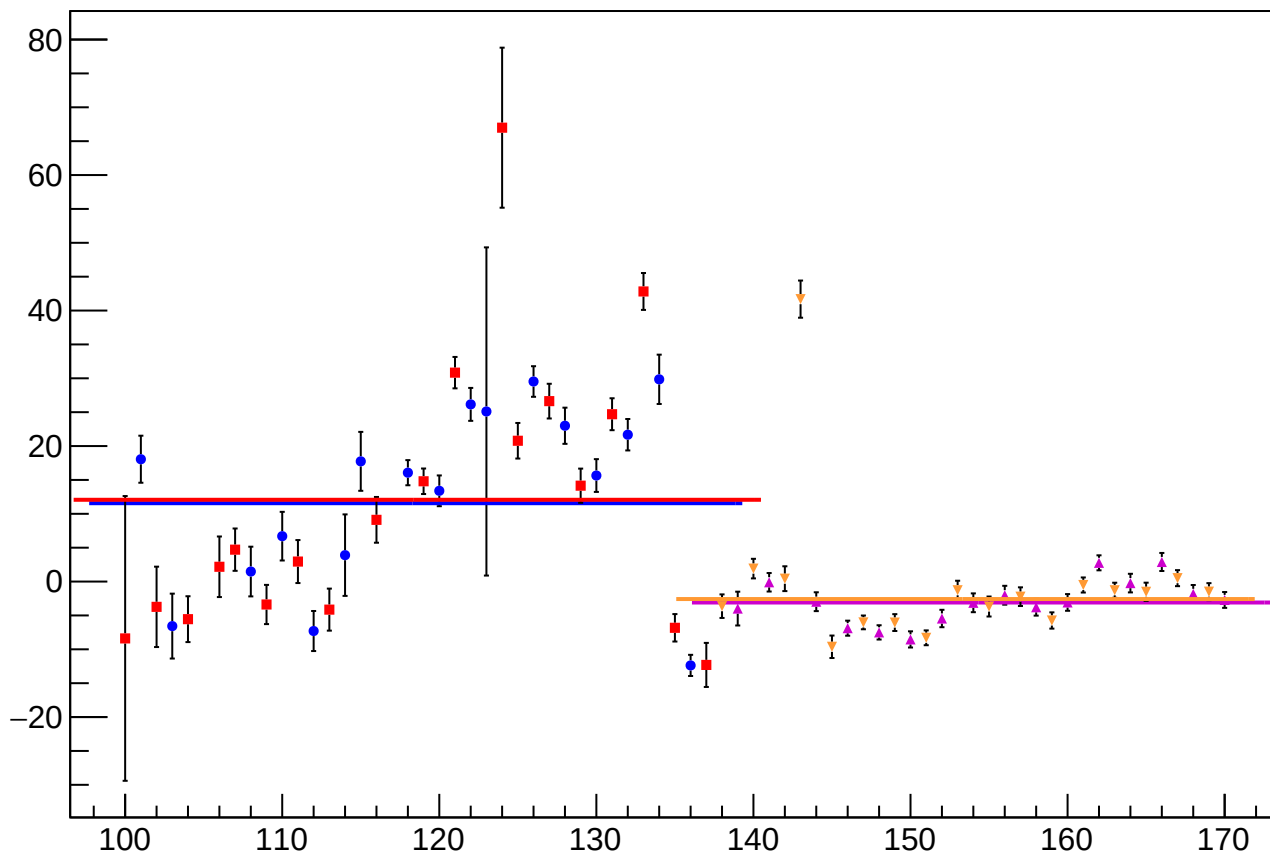
Left In: 39.800 ± 0.372 $\chi^2/\text{NDF}: 263.2/15$

+ sign 43.027 ± 0.359 $\chi^2/\text{NDF}: 3636.7/33$

All: 43.368 ± 0.251 $\chi^2/\text{NDF}: 6811.8/68$

- sign 43.695 ± 0.351 $\chi^2/\text{NDF}: 3173.4/34$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -2.580 $\pm$ 0.320 χ^2 /NDF: 359.4/16

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

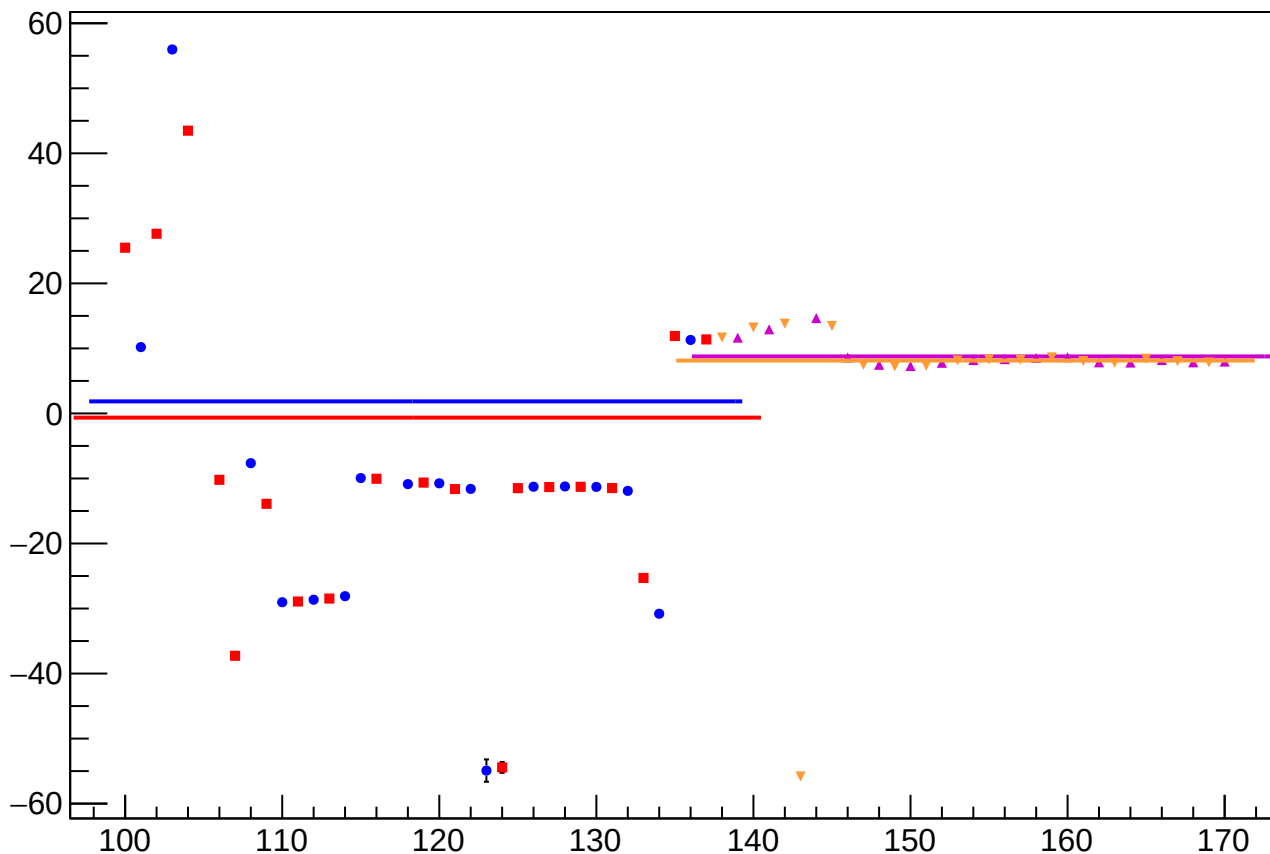
Left In: -3.092 $\pm$ 0.319 χ^2 /NDF: 112.7/15

+ sign 0.124 $\pm$ 0.288 χ^2 /NDF: 1211.1/33

All: -0.061 $\pm$ 0.204 χ^2 /NDF: 2290.8/68

- sign -0.246 $\pm$ 0.288 χ^2 /NDF: 1078.9/34

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 8.132+/-0.015 χ^2/NDF : 222614.7/16

Right Out: -0.644+/-0.037 χ^2/NDF : 361625.7/18

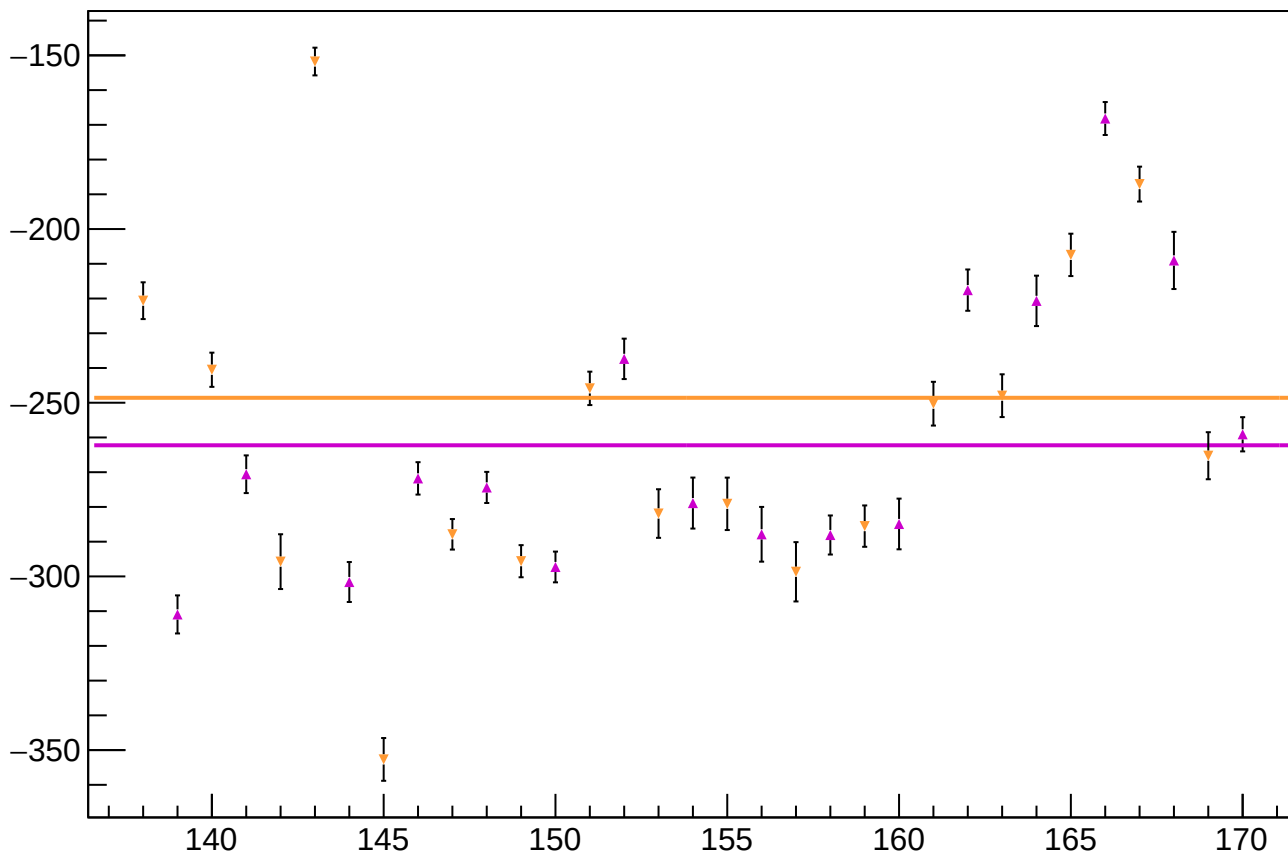
Left In: 8.767+/-0.015 χ^2/NDF : 15109.0/15

+ sign 7.252+/-0.014 χ^2/NDF : 606774.6/33

All: 7.383+/-0.010 χ^2/NDF : 1039571.5/68

- sign 7.508+/-0.014 χ^2/NDF : 432621.7/34

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: -248.580+/-1.356 χ^2/NDF :1438.6/16

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

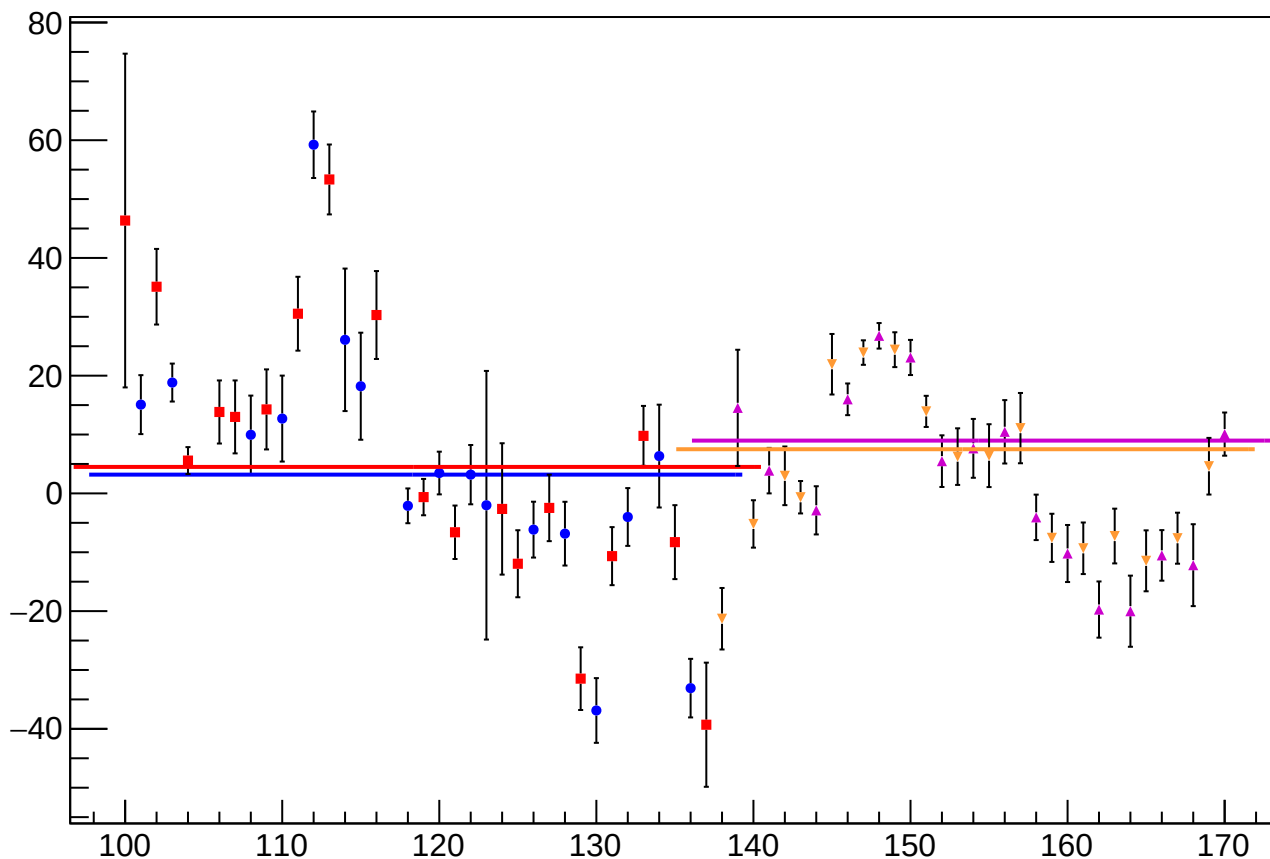
Left In: -262.252+/-1.405 χ^2/NDF :791.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.174+/-0.976 χ^2/NDF : 2279.5/32

- 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: 7.502 ± 0.915 χ^2/NDF : 223.3/16

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

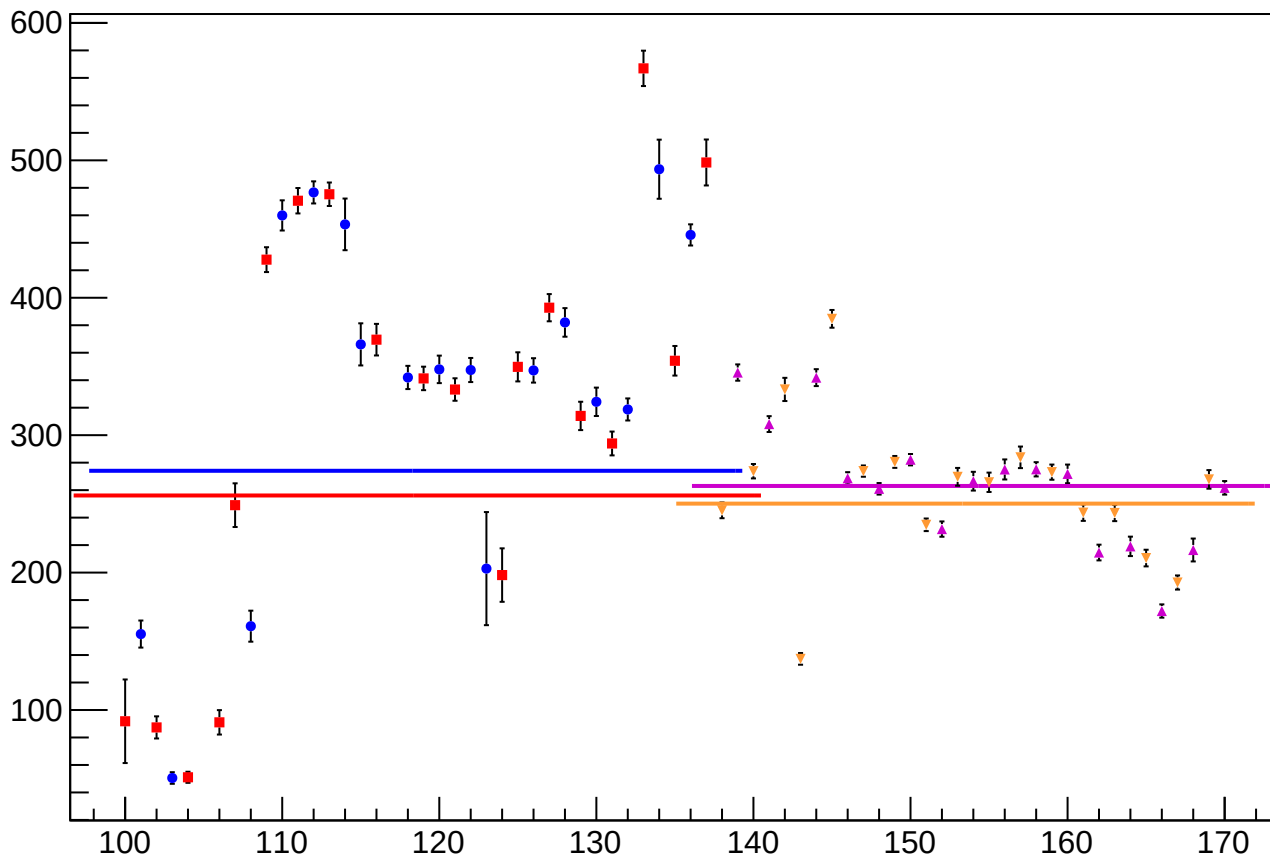
Left In: 8.970 ± 0.973 χ^2/NDF : 223.8/15

+ sign 5.958 ± 0.733 χ^2/NDF : 486.9/33

All: 6.530 ± 0.523 χ^2/NDF : 946.1/68

- sign 7.122 ± 0.745 χ^2/NDF : 458.0/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 ± 2.191 $\chi^2/\text{NDF}: 5112.0/16$

Left Out: 250.186 ± 1.341 $\chi^2/\text{NDF}: 1575.7/16$

Right Out: 256.109 ± 2.080 $\chi^2/\text{NDF}: 6444.1/18$

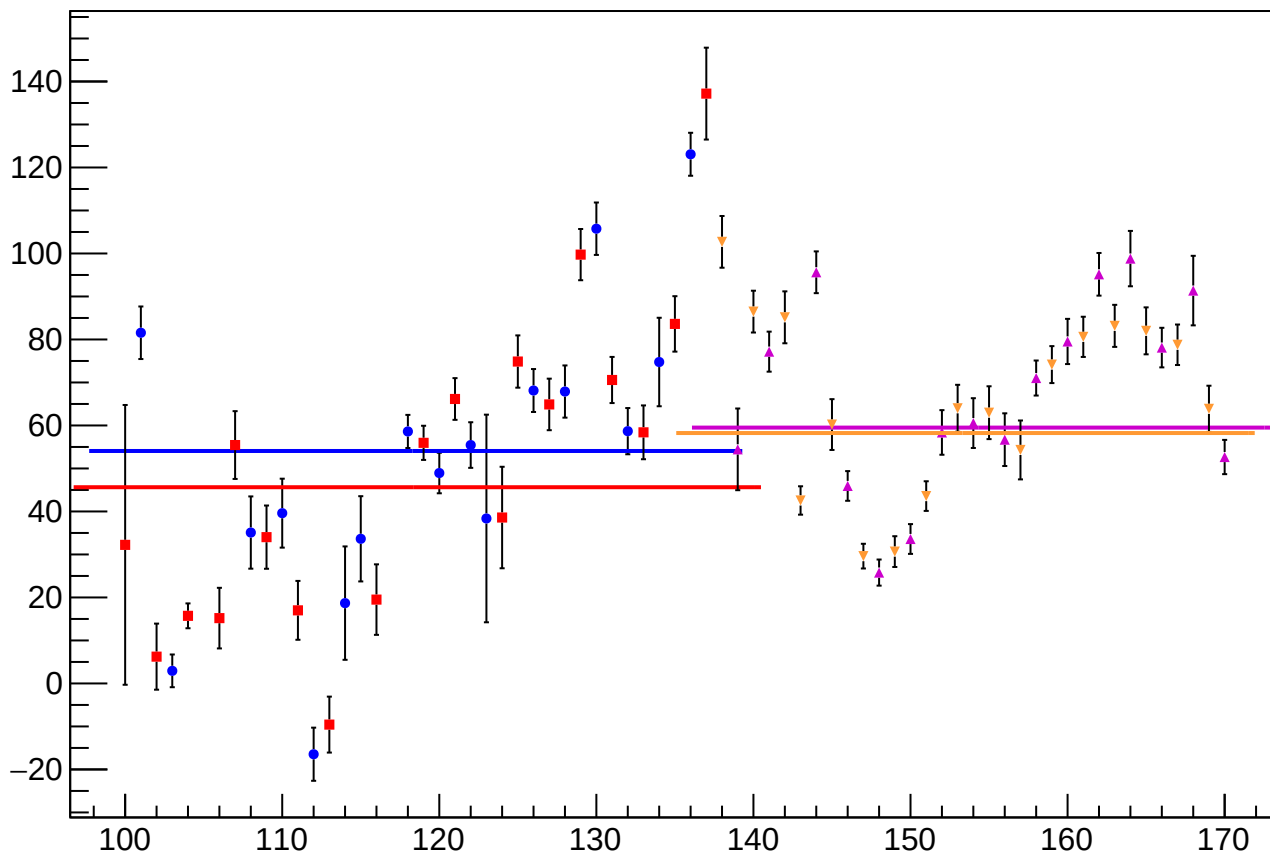
Left In: 263.041 ± 1.373 $\chi^2/\text{NDF}: 980.0/15$

+ sign 256.695 ± 1.144 $\chi^2/\text{NDF}: 6774.2/33$

All: 258.812 ± 0.809 $\chi^2/\text{NDF}: 14212.9/68$

- sign 260.938 ± 1.146 $\chi^2/\text{NDF}: 7431.8/34$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 58.239 $\pm$ 1.093 χ^2 /NDF:411.5/16

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

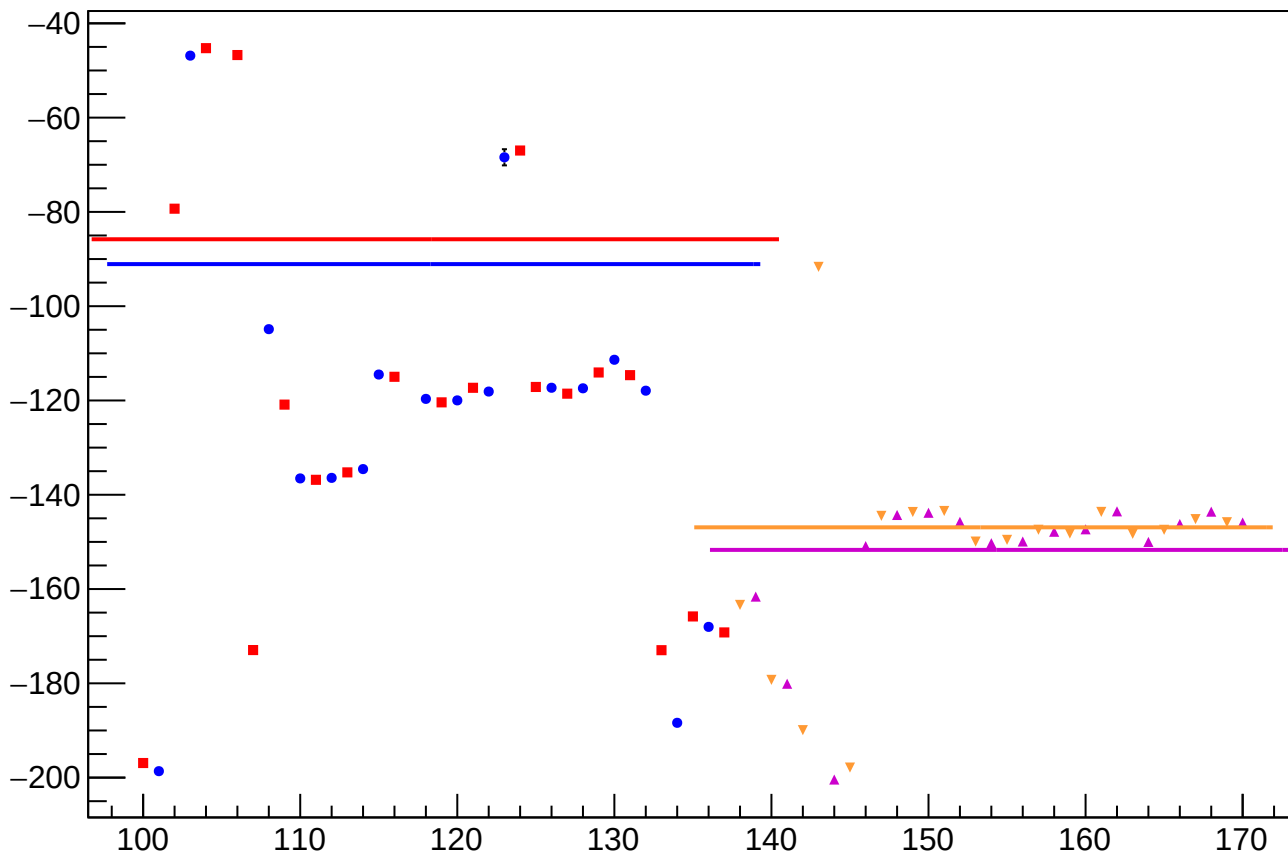
Left In: 59.504 $\pm$ 1.150 χ^2 /NDF:411.3/15

+ sign 56.688 $\pm$ 0.866 χ^2 /NDF: 1051.3/33

All: 55.222 $\pm$ 0.617 χ^2 /NDF: 2059.8/68

- sign 53.716 $\pm$ 0.878 χ^2 /NDF: 1002.7/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074+/-0.068 χ^2/NDF : 534647.5/16

Left Out: -146.910+/-0.054 χ^2/NDF : 187171.8/16

Right Out: -85.803+/-0.065 χ^2/NDF : 495895.1/18

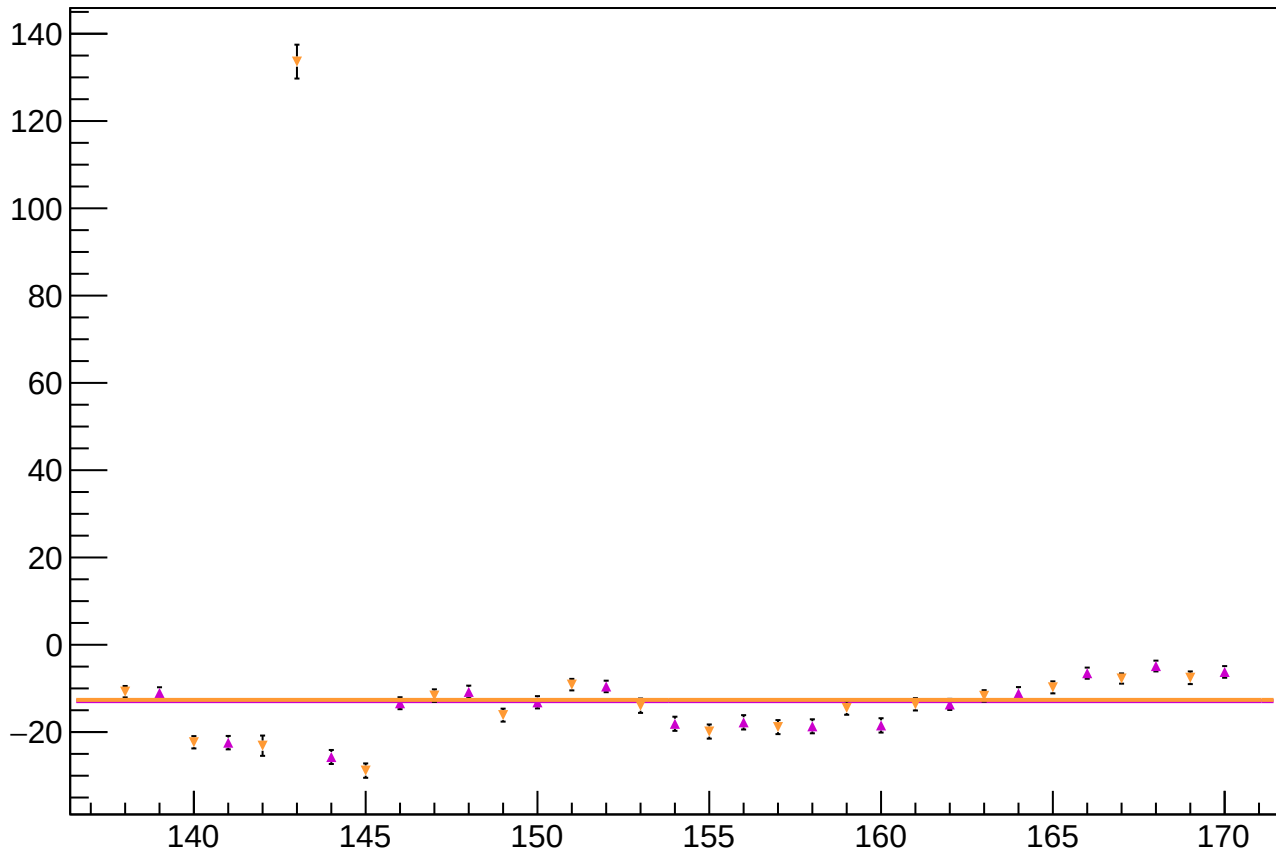
Left In: -151.695+/-0.055 χ^2/NDF : 58632.1/15

+ sign -125.191+/-0.042 χ^2/NDF : 1139559.3/33

All: -124.797+/-0.030 χ^2/NDF : 2295574.9/68

- sign -124.408+/-0.042 χ^2/NDF : 1155841.7/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -12.627+/-0.364 χ^2/NDF :1671.2/16

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

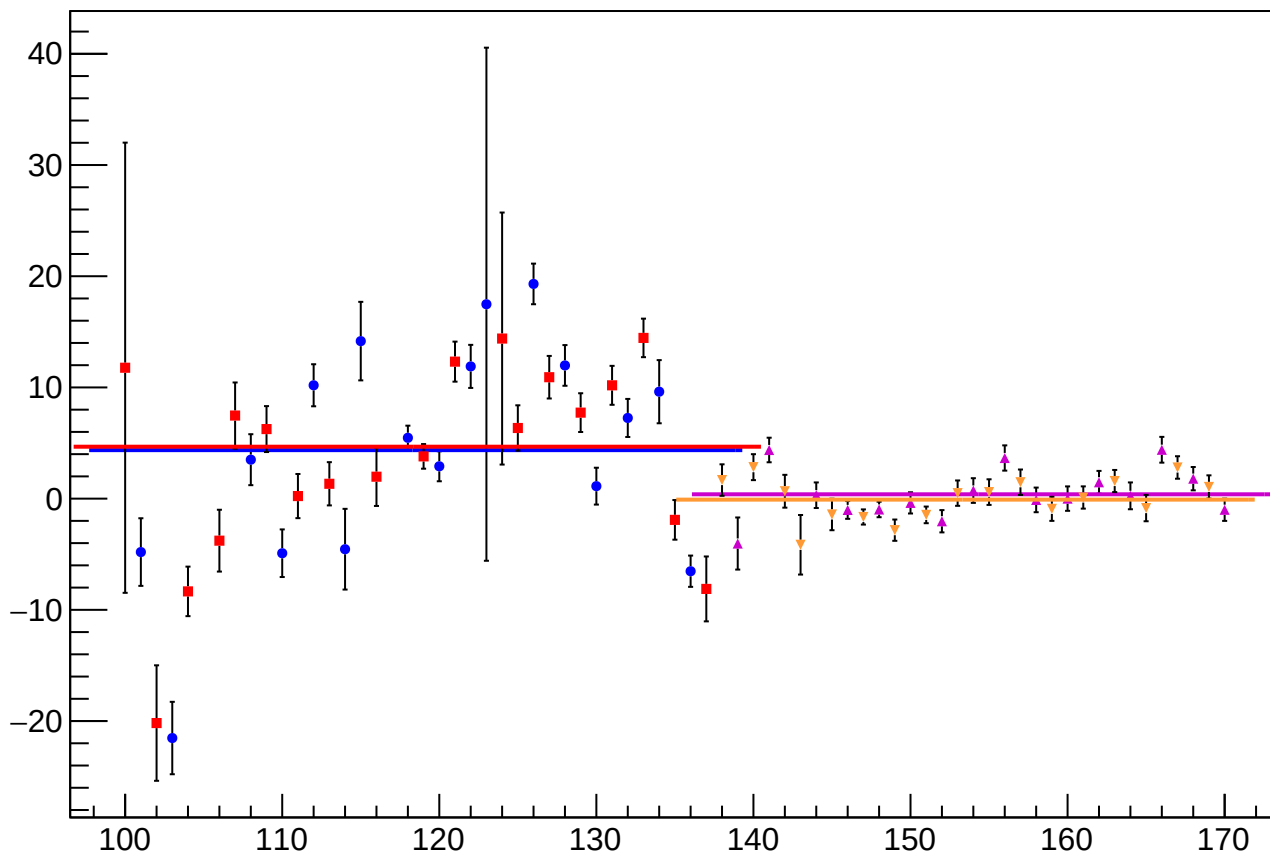
Left In: -12.915+/-0.355 χ^2/NDF :250.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.775+/-0.254 χ^2/NDF : 1921.8/32

- 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 $\pm$ 0.464 χ^2 /NDF: 286.5/16

Left Out: -0.090 $\pm$ 0.257 χ^2 /NDF:43.8/16

Right Out: 4.670 $\pm$ 0.474 χ^2 /NDF: 185.4/18

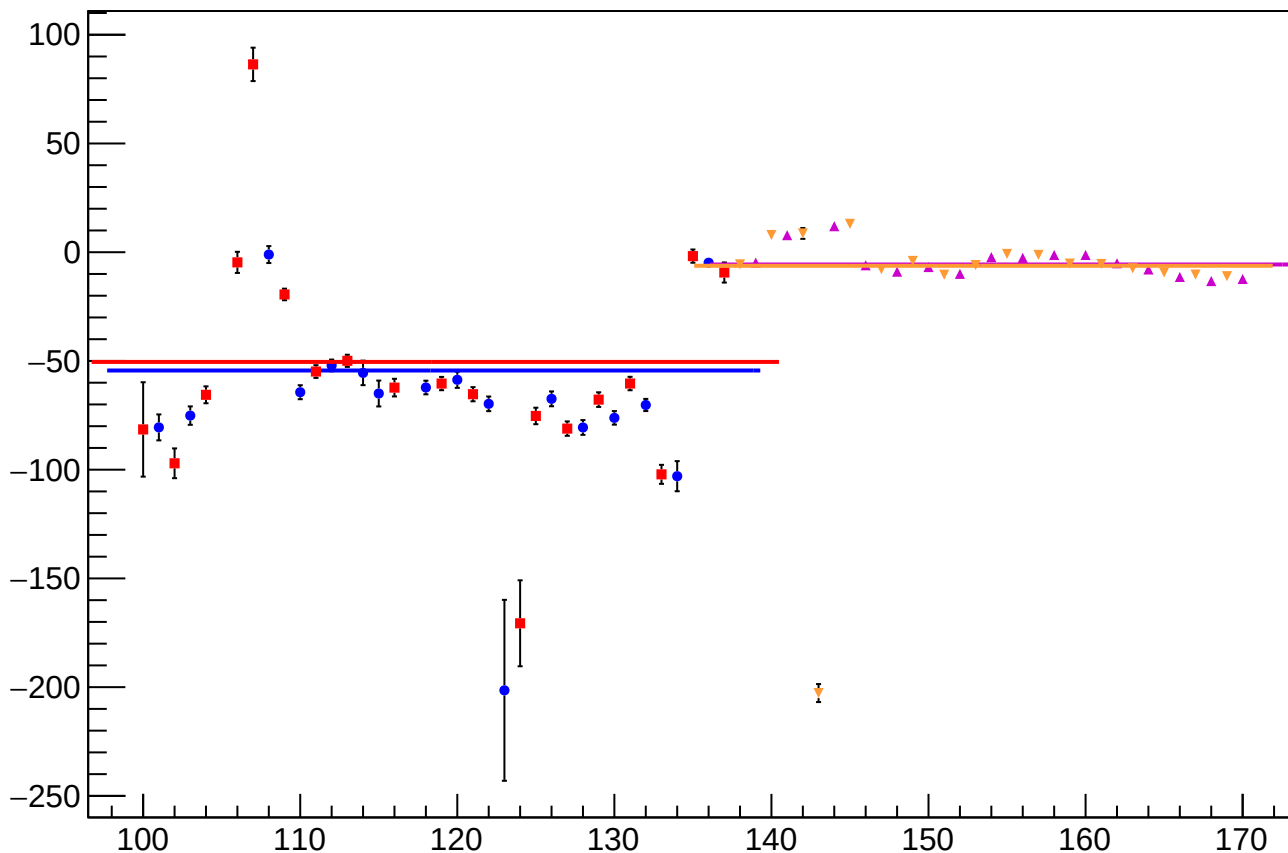
Left In: 0.390 $\pm$ 0.258 χ^2 /NDF:55.5/15

+ sign 0.955 $\pm$ 0.225 χ^2 /NDF: 400.6/33

All: 1.160 $\pm$ 0.160 χ^2 /NDF: 706.0/68

- sign 1.368 $\pm$ 0.227 χ^2 /NDF: 303.8/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -6.232 ± 0.357 $\chi^2/\text{NDF}: 2568.4/16$

Right Out: -50.441 ± 0.857 $\chi^2/\text{NDF}: 1324.7/18$

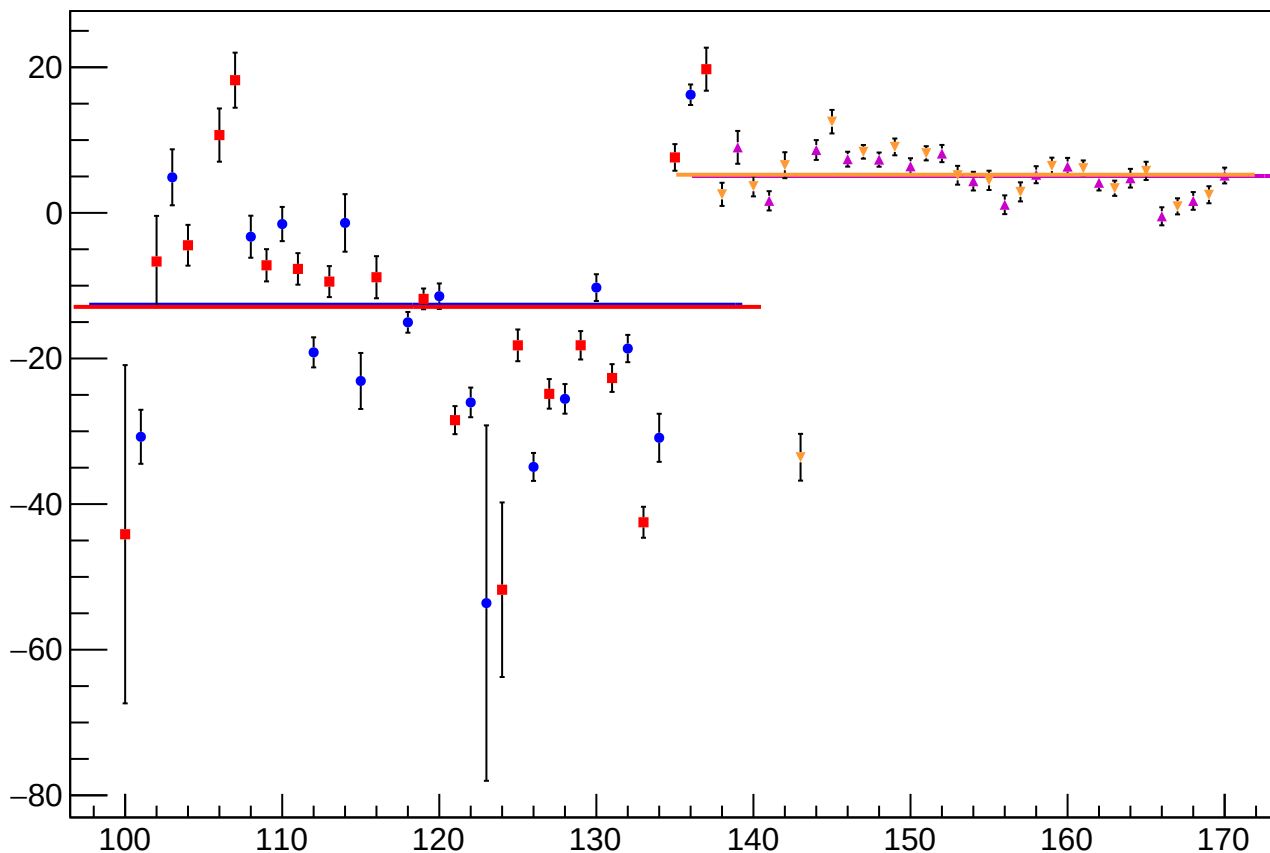
Left In: -5.648 ± 0.348 $\chi^2/\text{NDF}: 301.8/15$

+ sign -13.264 ± 0.330 $\chi^2/\text{NDF}: 6244.3/33$

All: -12.606 ± 0.230 $\chi^2/\text{NDF}: 10222.3/68$

- sign -11.976 ± 0.322 $\chi^2/\text{NDF}: 3970.2/34$

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: 5.243 ± 0.299 χ^2/NDF : 232.1/16

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

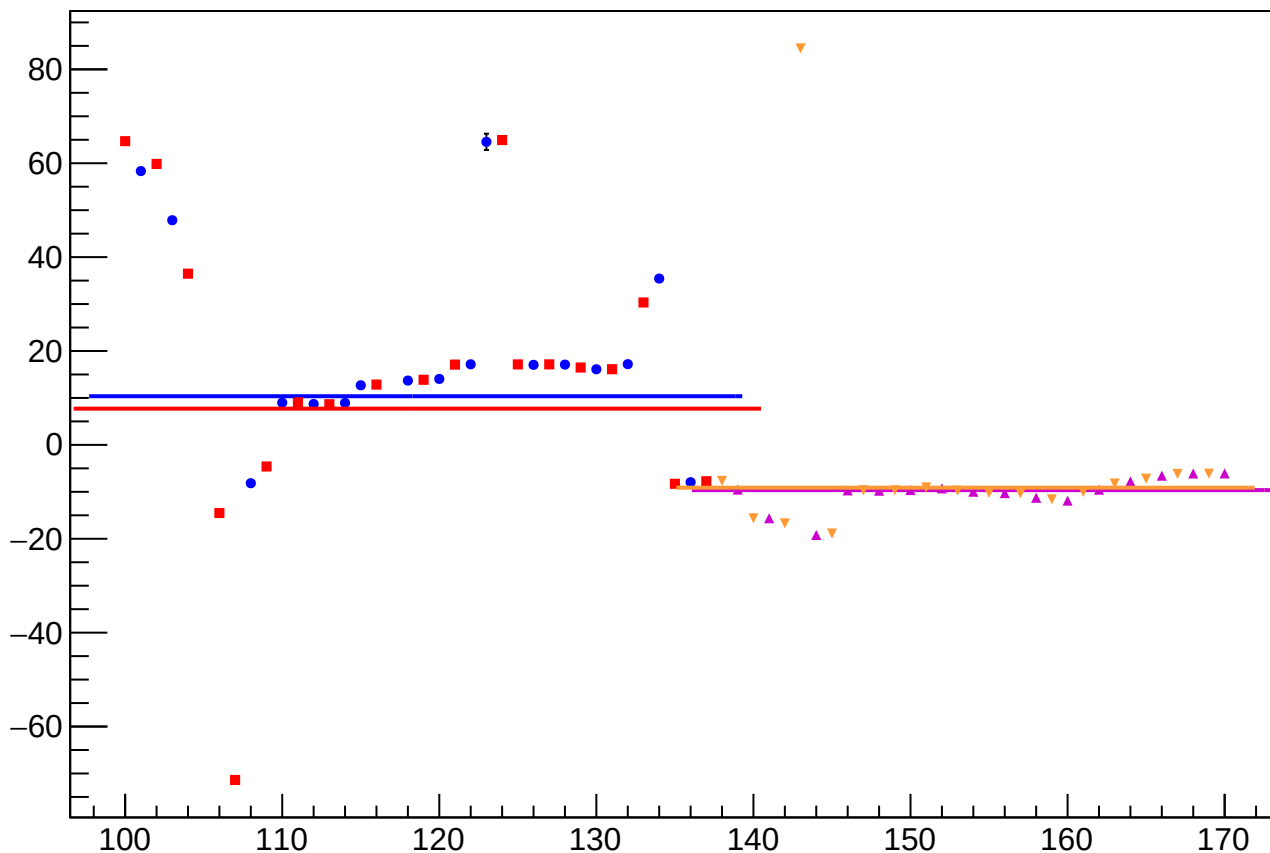
Left In: 5.066 ± 0.299 χ^2/NDF : 74.8/15

+ sign 0.923 ± 0.261 χ^2/NDF : 1880.5/33

All: 0.872 ± 0.185 χ^2/NDF : 3537.9/68

- sign 0.821 ± 0.262 χ^2/NDF : 1657.4/34

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: -9.117+/-0.014 χ^2/NDF : 366801.2/16

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

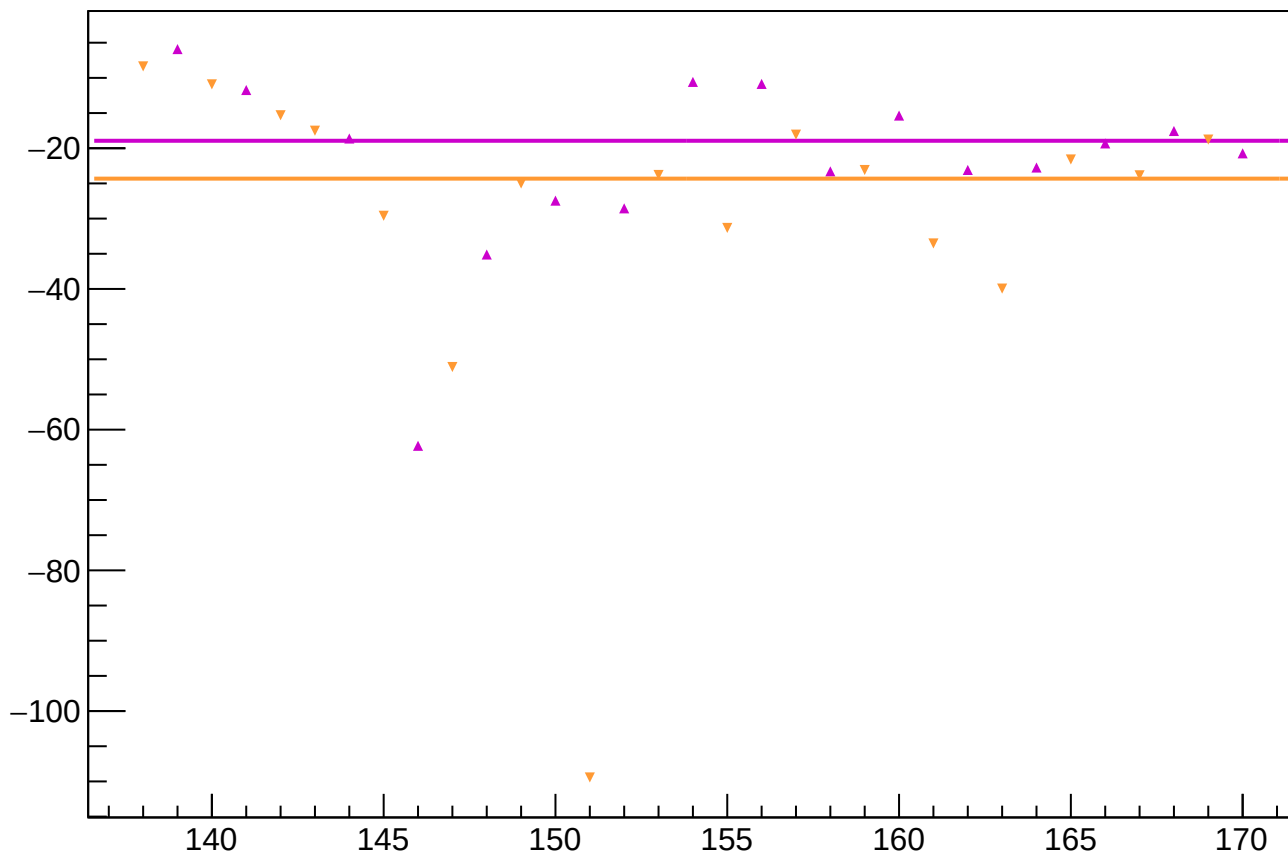
Left In: -9.637+/-0.014 χ^2/NDF : 41981.9/15

+ sign -5.746+/-0.013 χ^2/NDF : 1084429.5/33

All: -6.321+/-0.009 χ^2/NDF : 1934820.9/68

- sign -6.875+/-0.012 χ^2/NDF : 846365.4/34

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -24.321+/-0.058 χ^2/NDF : 57760.3/16

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

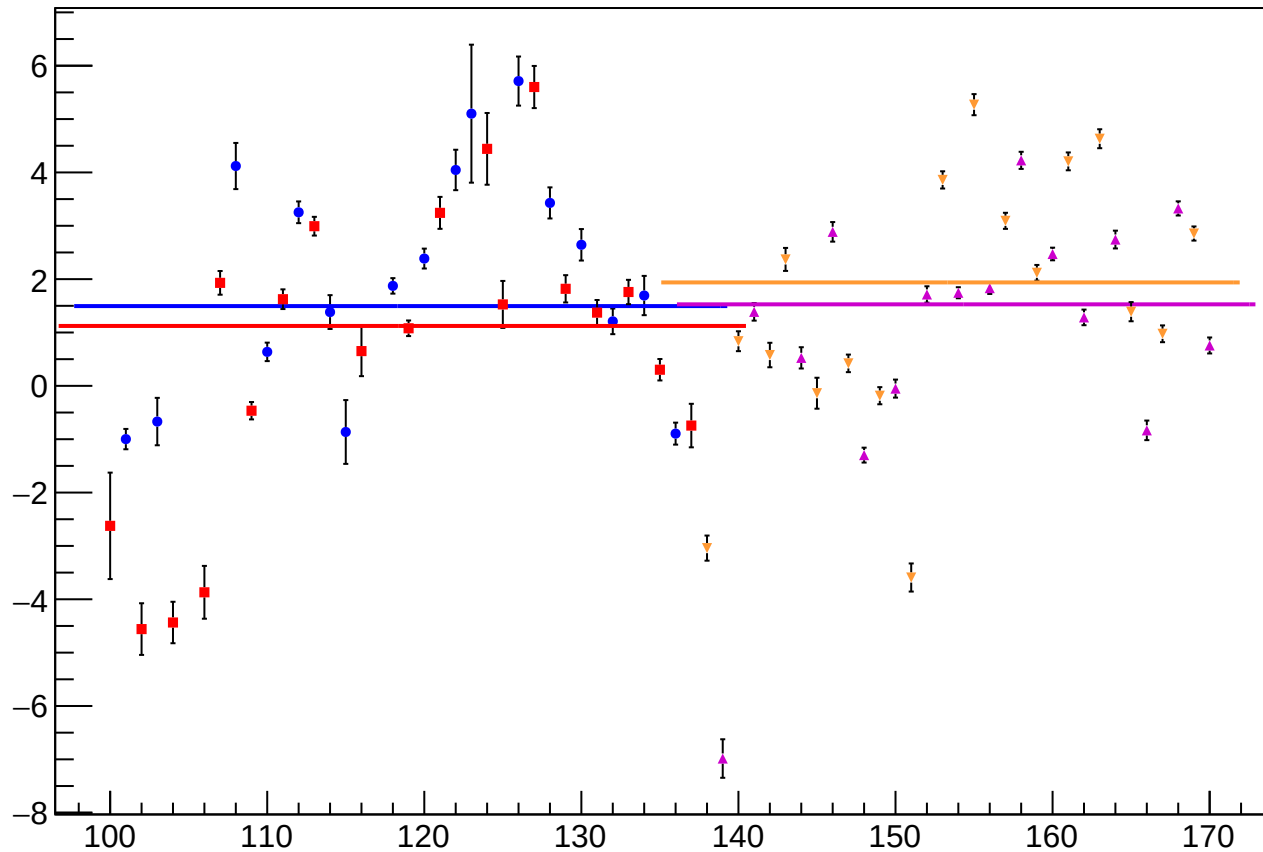
Left In: -18.939+/-0.050 χ^2/NDF : 38014.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.237+/-0.038 χ^2/NDF : 100641.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 $\pm$ 0.061 χ^2/NDF : 708.8/16

Left Out: 1.939 $\pm$ 0.043 χ^2/NDF : 2268.0/16

Right Out: 1.123 $\pm$ 0.058 χ^2/NDF : 946.5/18

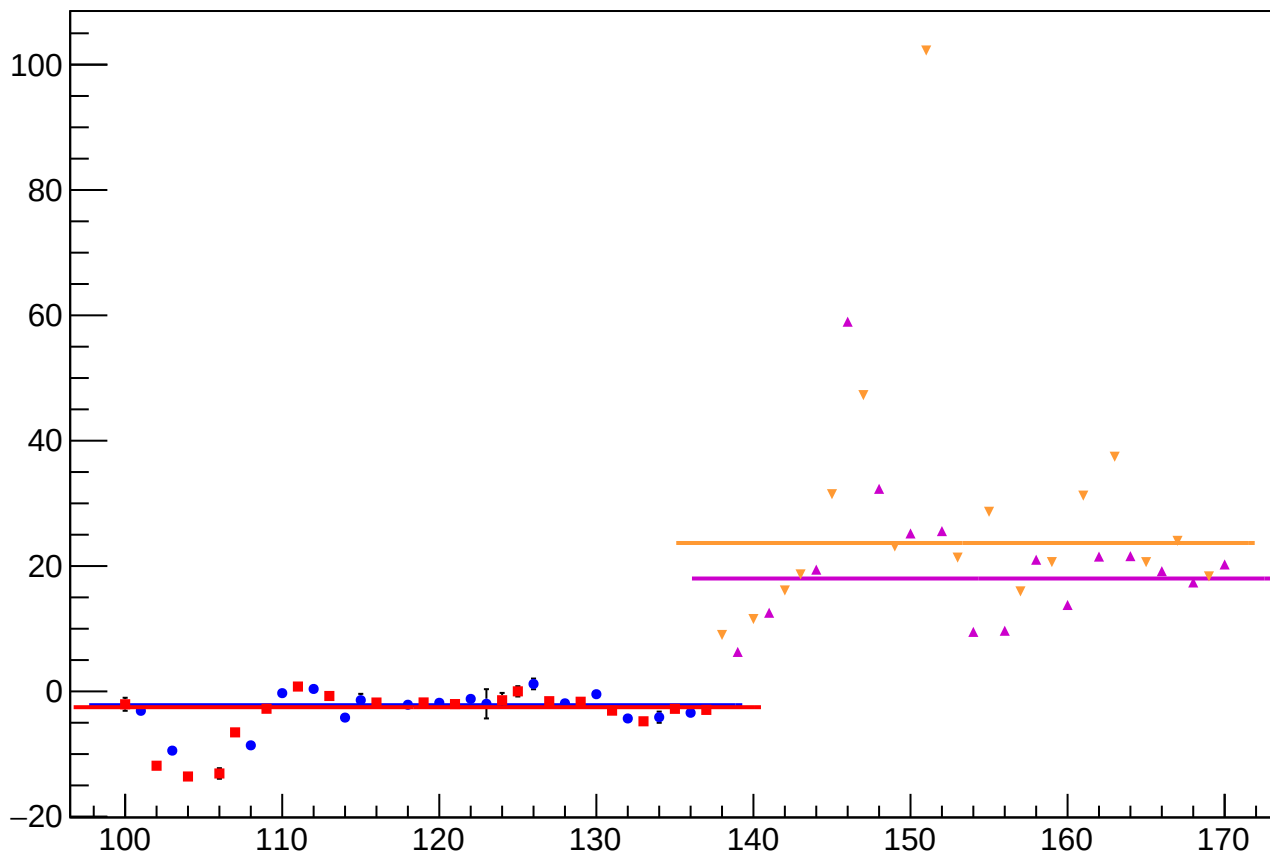
Left In: 1.528 $\pm$ 0.037 χ^2/NDF : 1924.5/15

+ sign 1.791 $\pm$ 0.035 χ^2/NDF : 3012.1/33

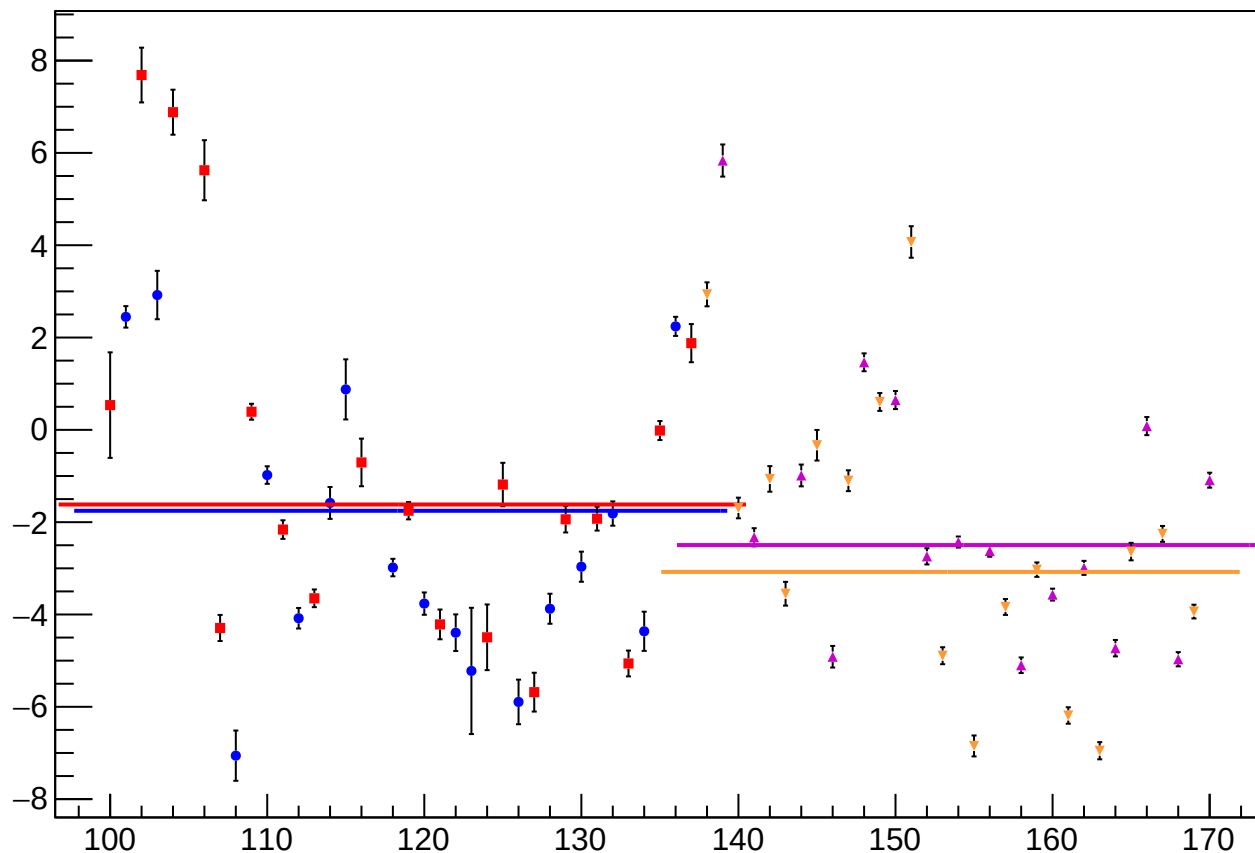
All: 1.579 $\pm$ 0.023 χ^2/NDF : 5982.8/68

- sign 1.411 $\pm$ 0.031 χ^2/NDF : 2905.4/34

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -3.077 ± 0.049 χ^2/NDF : 2767.9/16

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

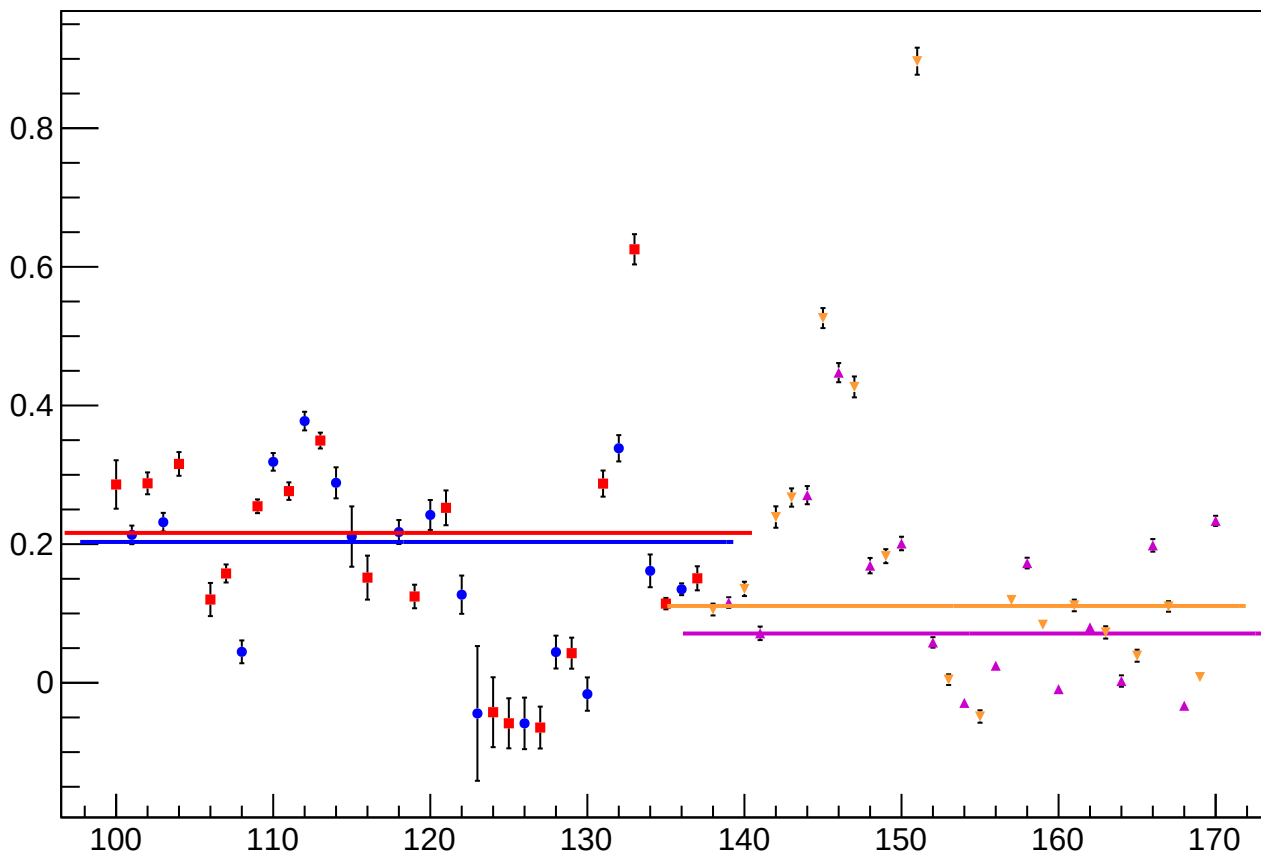
Left In: -2.496 ± 0.042 χ^2/NDF : 2379.7/15

+ sign -2.645 ± 0.040 χ^2/NDF : 4351.9/33

All: -2.418 ± 0.027 χ^2/NDF : 8402.9/68

- sign -2.241 ± 0.035 χ^2/NDF : 3994.1/34

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 677.2/16

Left Out: 0.111 $\pm$ 0.002 χ^2/NDF : 3989.3/16

Right Out: 0.216 $\pm$ 0.004 χ^2/NDF : 1067.3/18

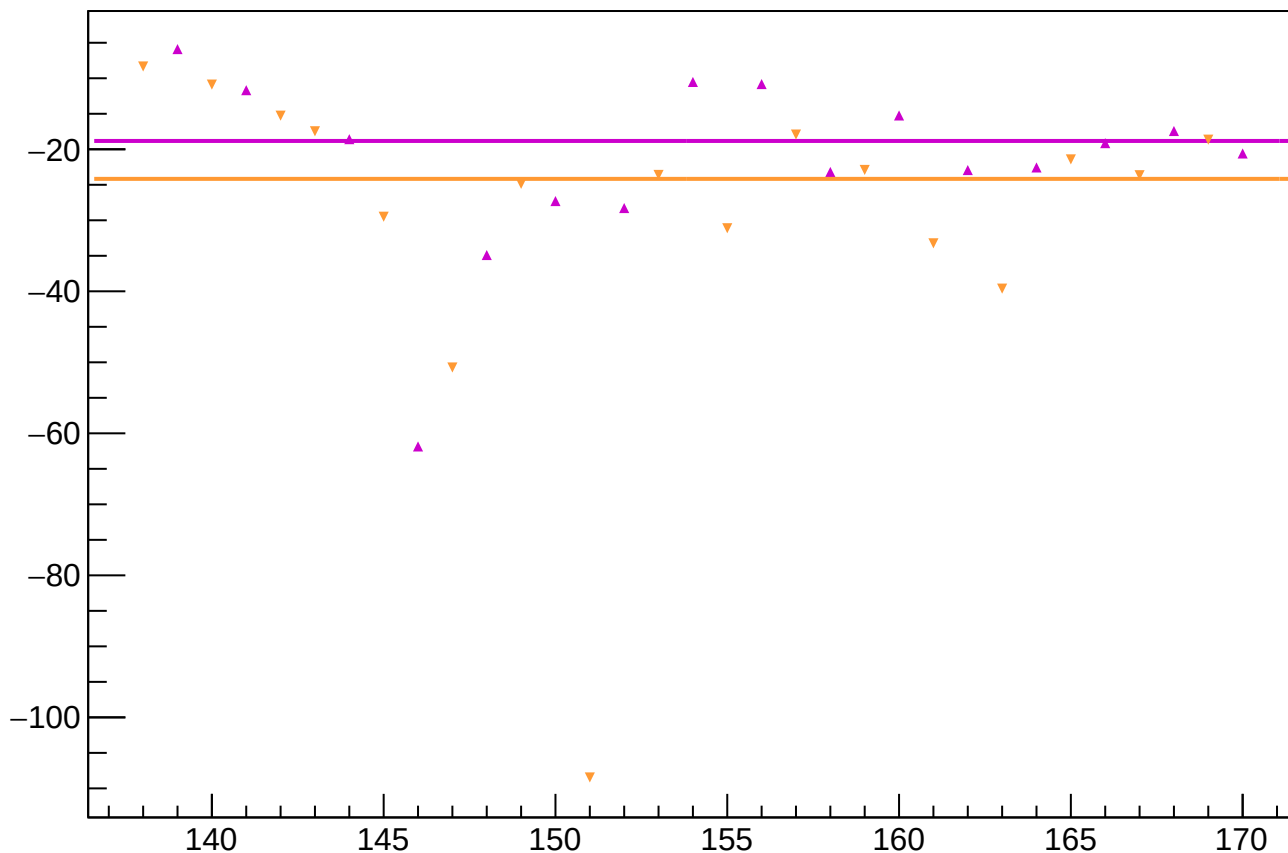
Left In: 0.071 $\pm$ 0.002 χ^2/NDF : 3185.6/15

+ sign 0.131 $\pm$ 0.002 χ^2/NDF : 5054.7/33

All: 0.113 $\pm$ 0.001 χ^2/NDF : 10701.9/68

- sign 0.100 $\pm$ 0.002 χ^2/NDF : 5492.9/34

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.167+/-0.058 χ^2/NDF : 57580.7/16

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

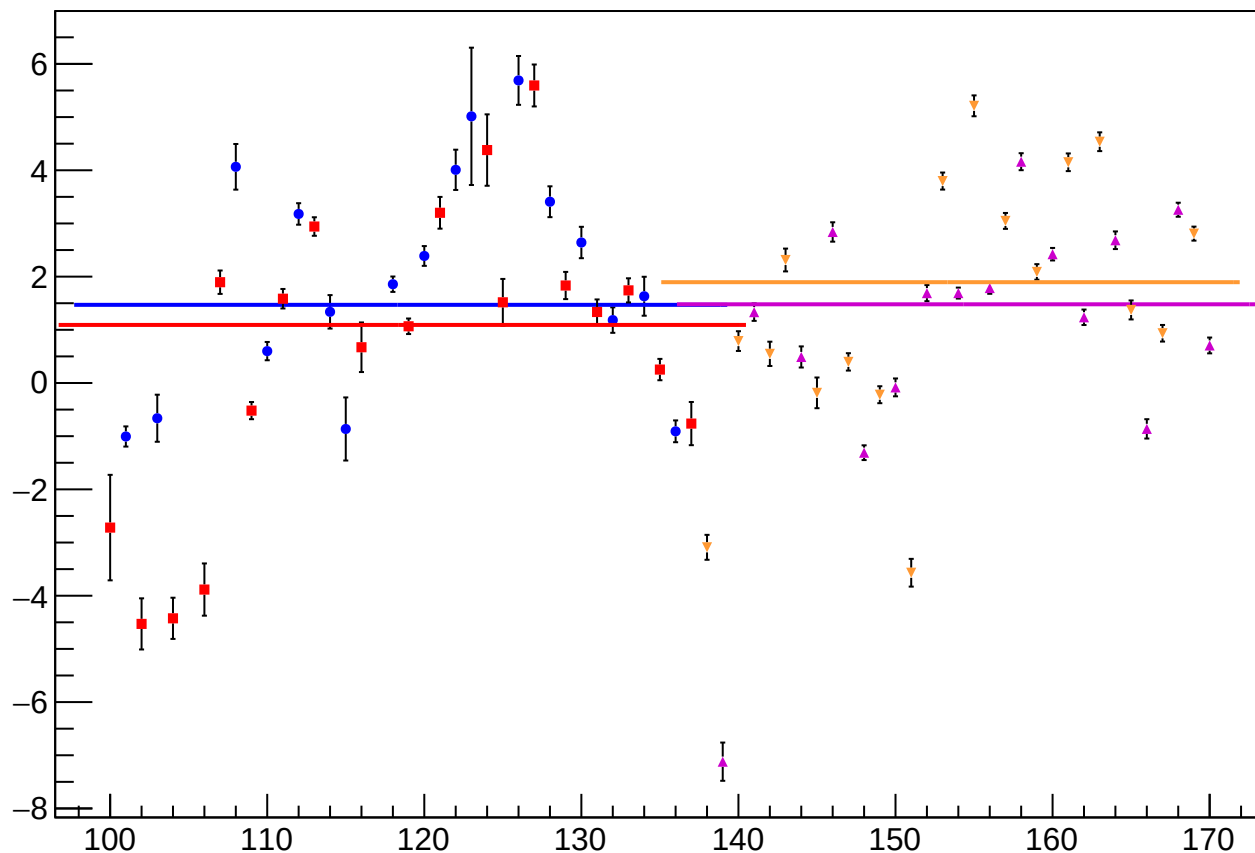
Left In: -18.828+/-0.050 χ^2/NDF : 37927.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.108+/-0.038 χ^2/NDF : 100359.6/32

- 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: 1.896+/-0.043 χ^2/NDF : 2267.5/16

Right Out: 1.092+/-0.058 χ^2/NDF : 952.1/18

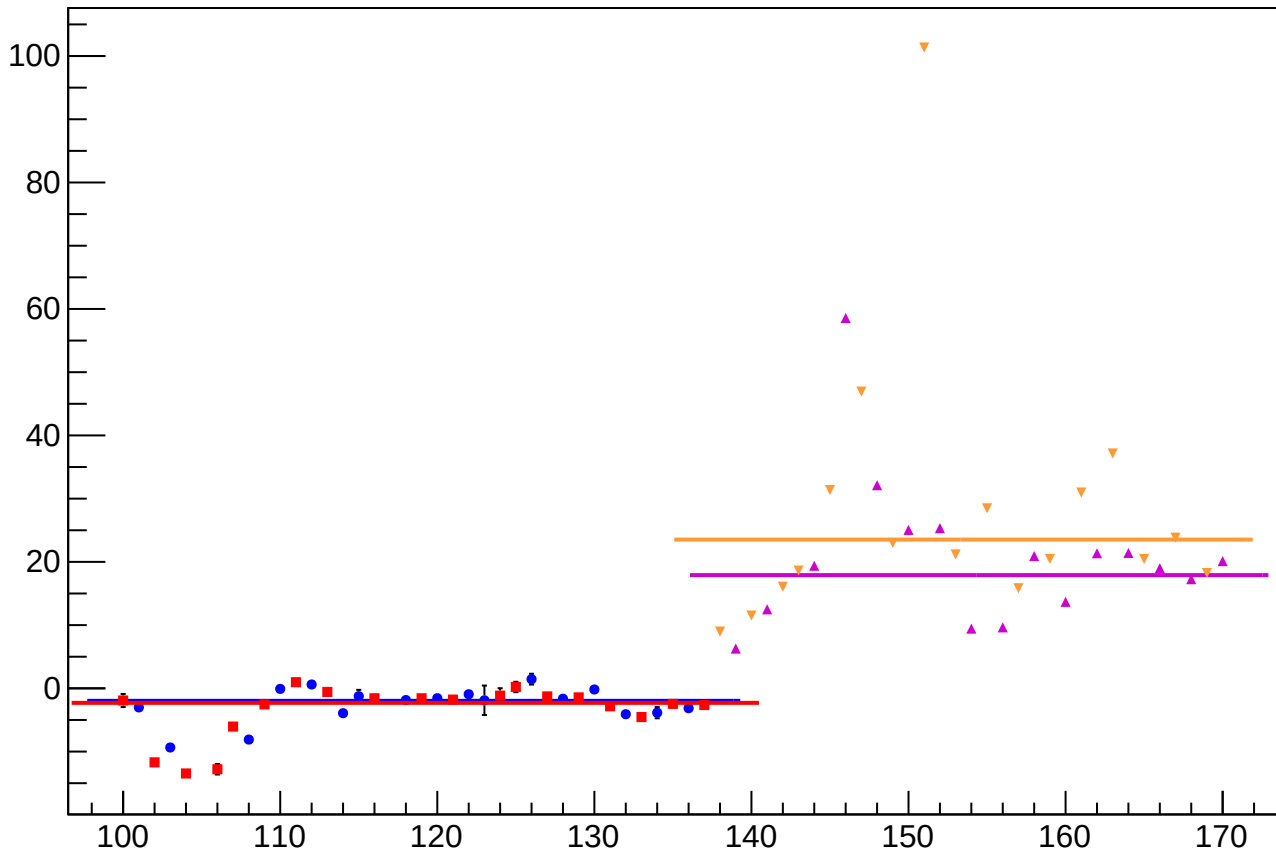
Left In: 1.480+/-0.037 χ^2/NDF : 1935.6/15

+ sign 1.755+/-0.035 χ^2/NDF : 3008.2/33

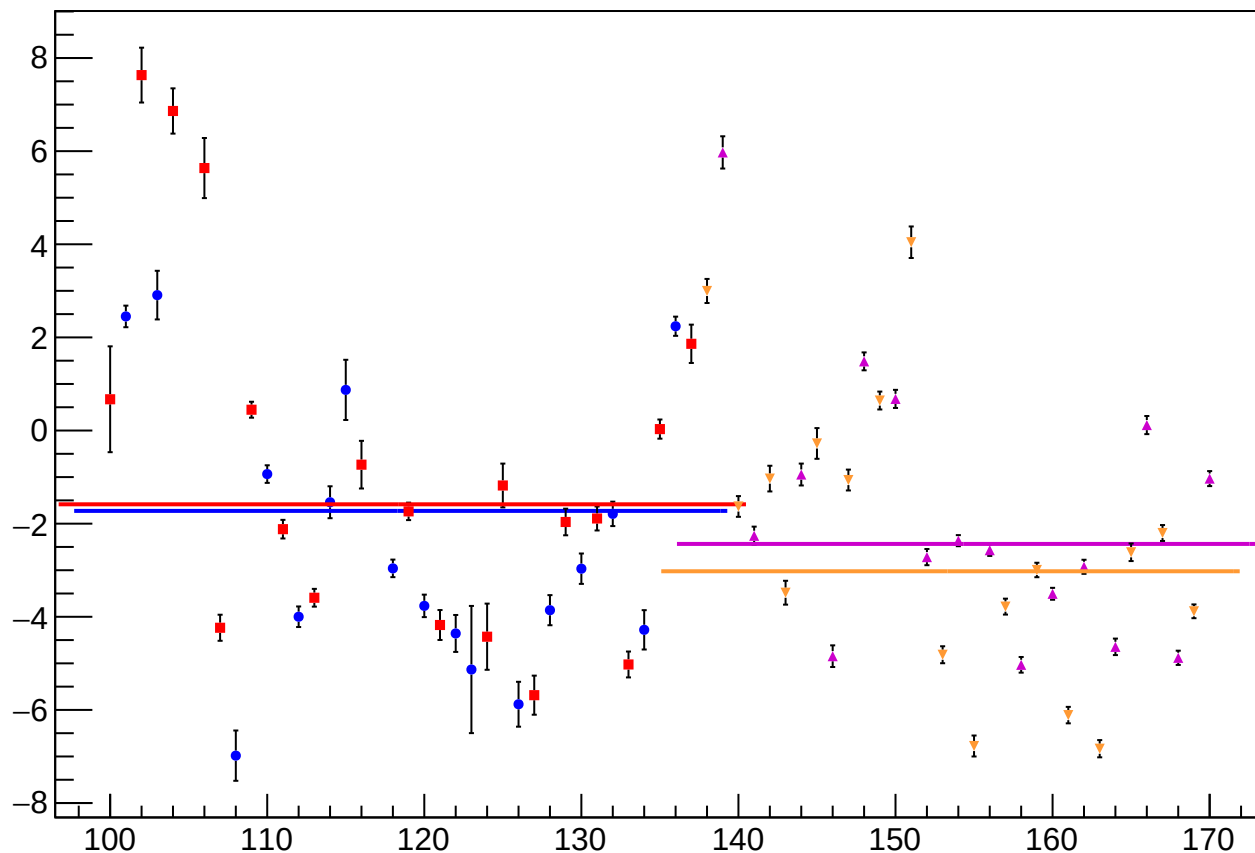
All: 1.539+/-0.023 χ^2/NDF : 5995.9/68

- sign 1.368+/-0.031 χ^2/NDF : 2919.6/34

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -3.022 ± 0.049 χ^2/NDF : 2766.1/16

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

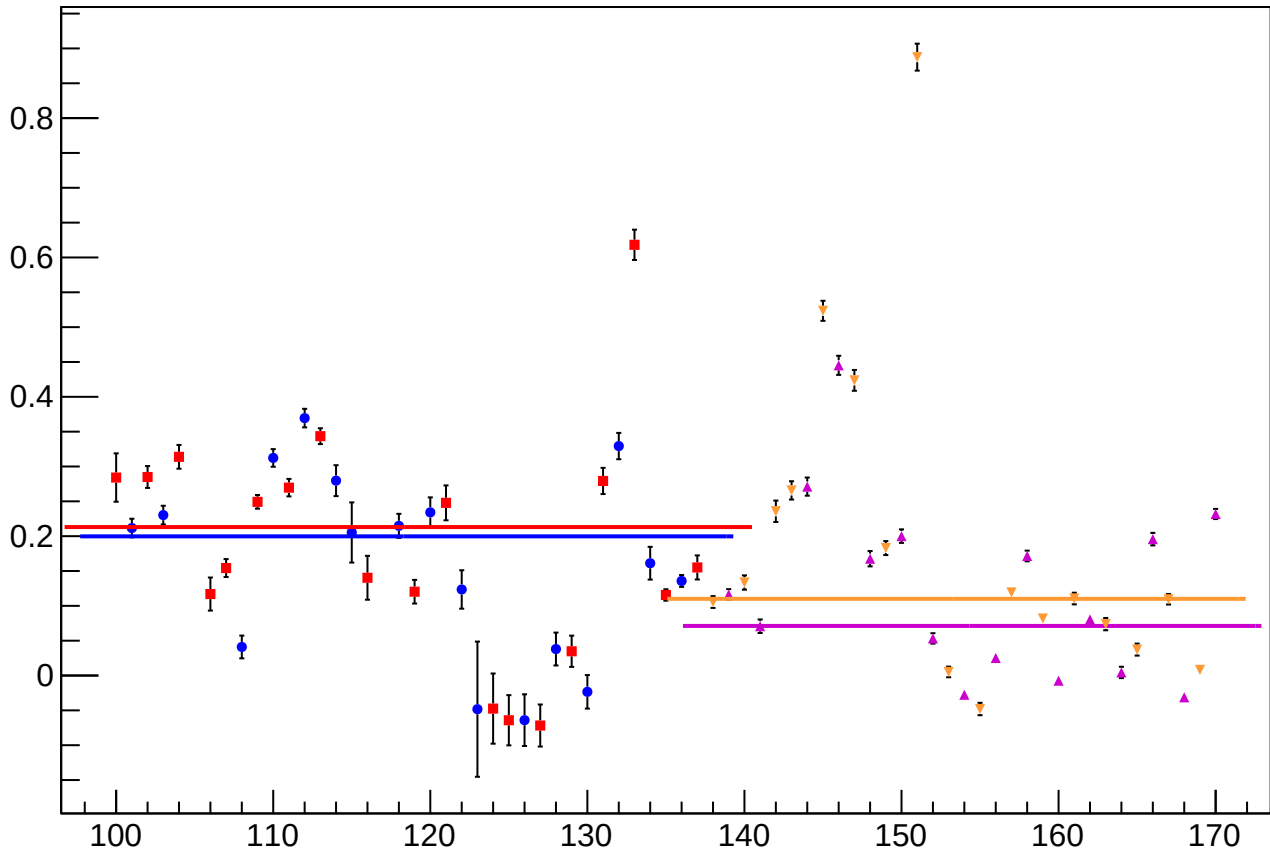
Left In: -2.435 ± 0.042 χ^2/NDF : 2391.6/15

+ sign -2.600 ± 0.040 χ^2/NDF : 4339.1/33

All: -2.369 ± 0.026 χ^2/NDF : 8403.4/68

- sign -2.189 ± 0.035 χ^2/NDF : 4004.6/34

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.110 ± 0.002 χ^2/NDF : 3984.3/16

Right Out: 0.213 ± 0.004 χ^2/NDF : 1050.9/18

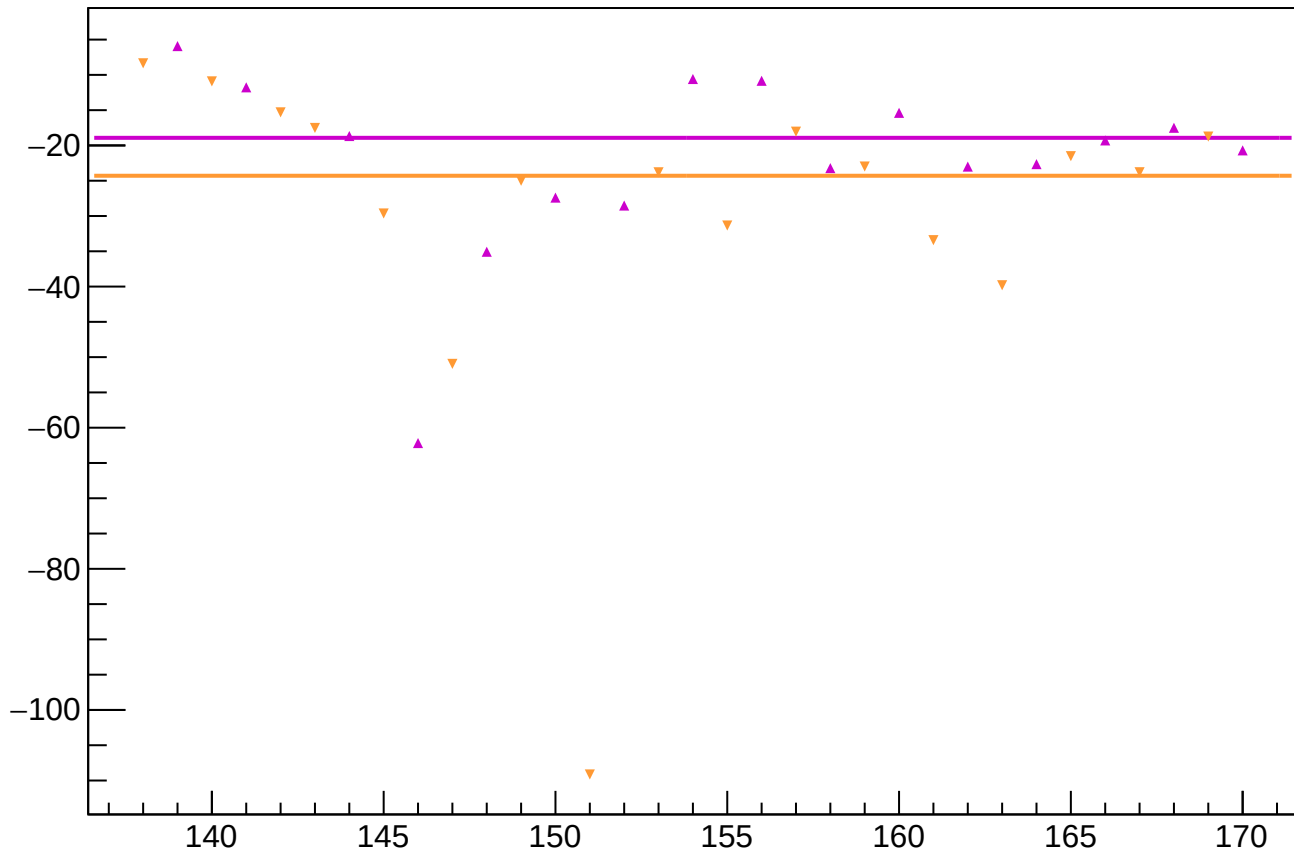
Left In: 0.071 ± 0.002 χ^2/NDF : 3161.7/15

+ sign 0.130 ± 0.002 χ^2/NDF : 5017.2/33

All: 0.112 ± 0.001 χ^2/NDF : 10575.6/68

- sign 0.099 ± 0.002 χ^2/NDF : 5410.3/34

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.295+/-0.058 χ^2/NDF : 57709.9/16

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

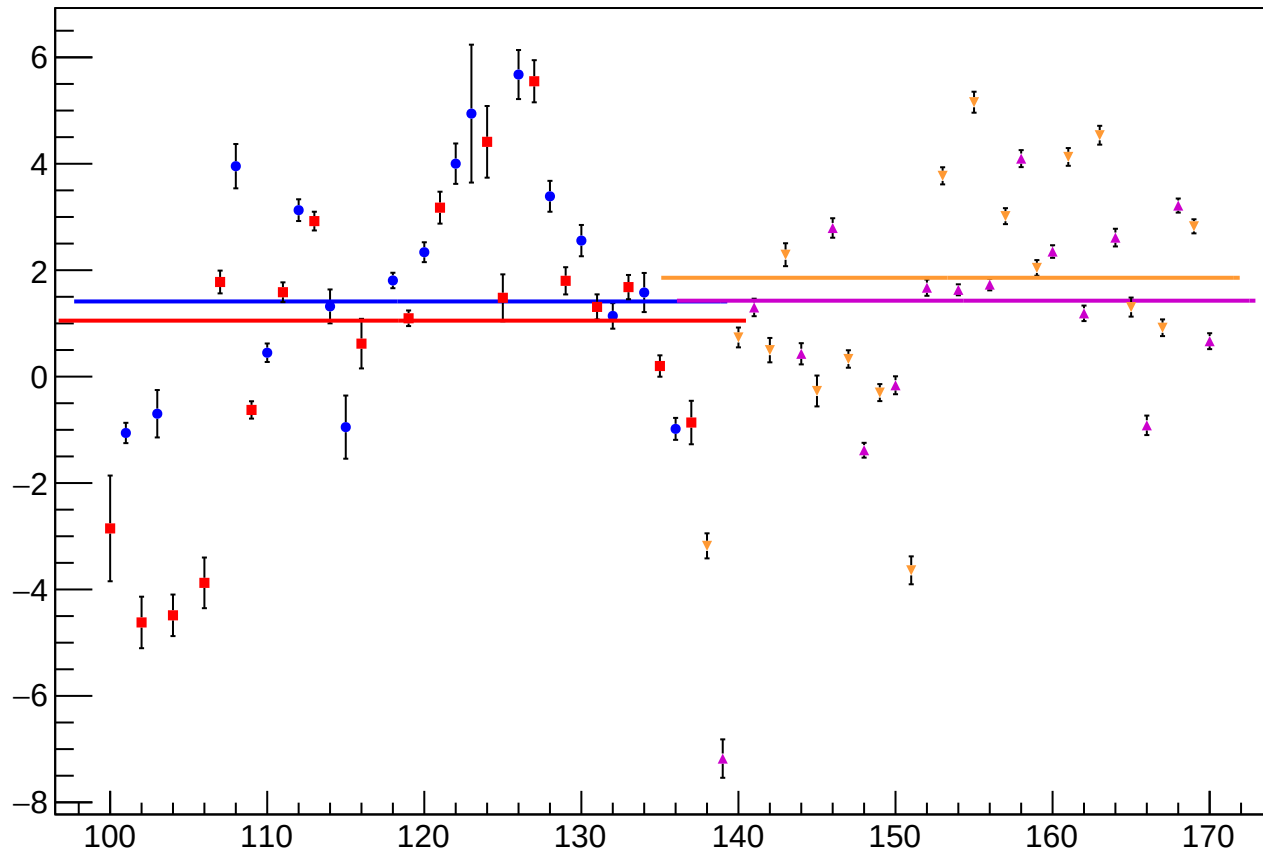
Left In: -18.920+/-0.050 χ^2/NDF : 37988.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.214+/-0.038 χ^2/NDF : 100575.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 $\pm$ 0.061 χ^2 /NDF: 713.9/16

Left Out: 1.857 $\pm$ 0.043 χ^2 /NDF:2290.2/16

Right Out: 1.052 $\pm$ 0.058 χ^2 /NDF: 963.3/18

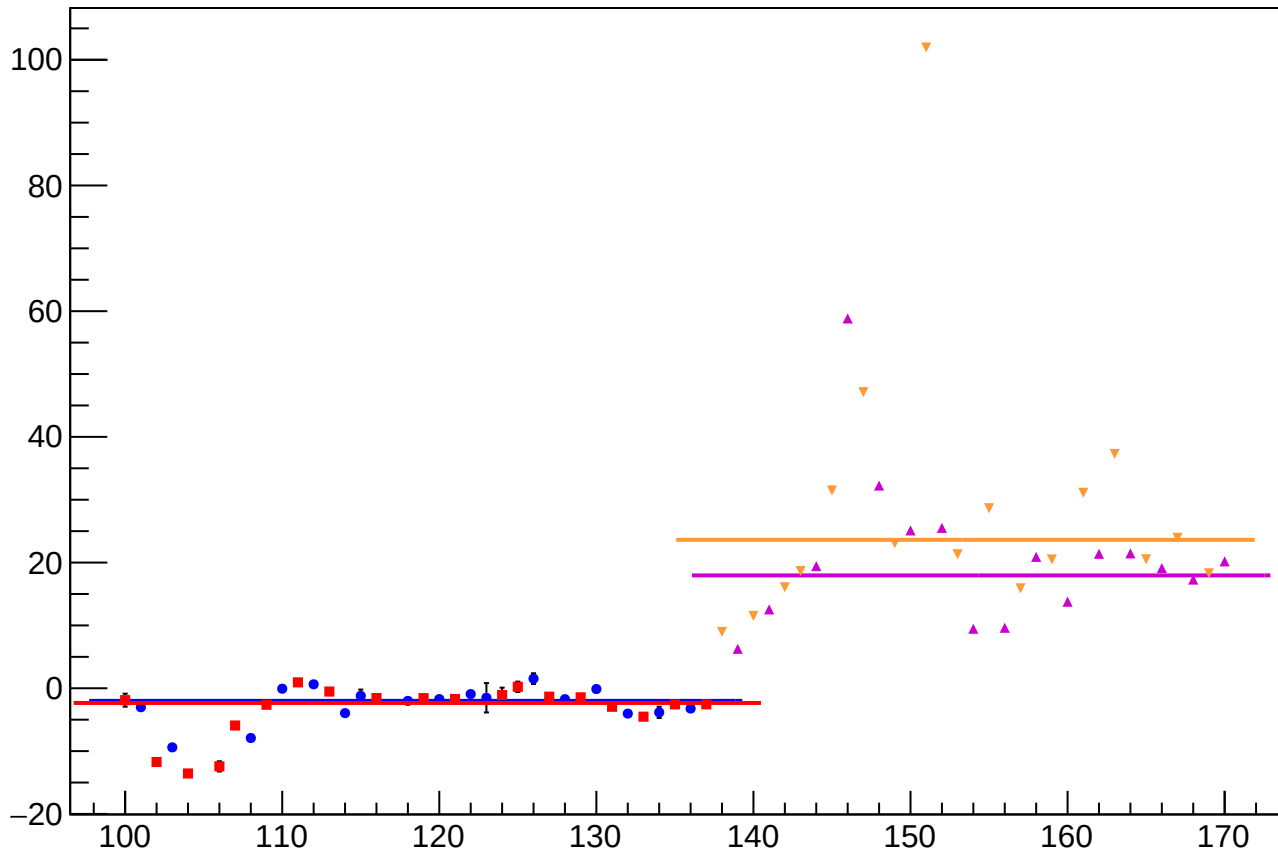
Left In: 1.427 $\pm$ 0.037 χ^2 /NDF:1924.9/15

+ sign 1.710 $\pm$ 0.035 χ^2 /NDF: 3039.6/33

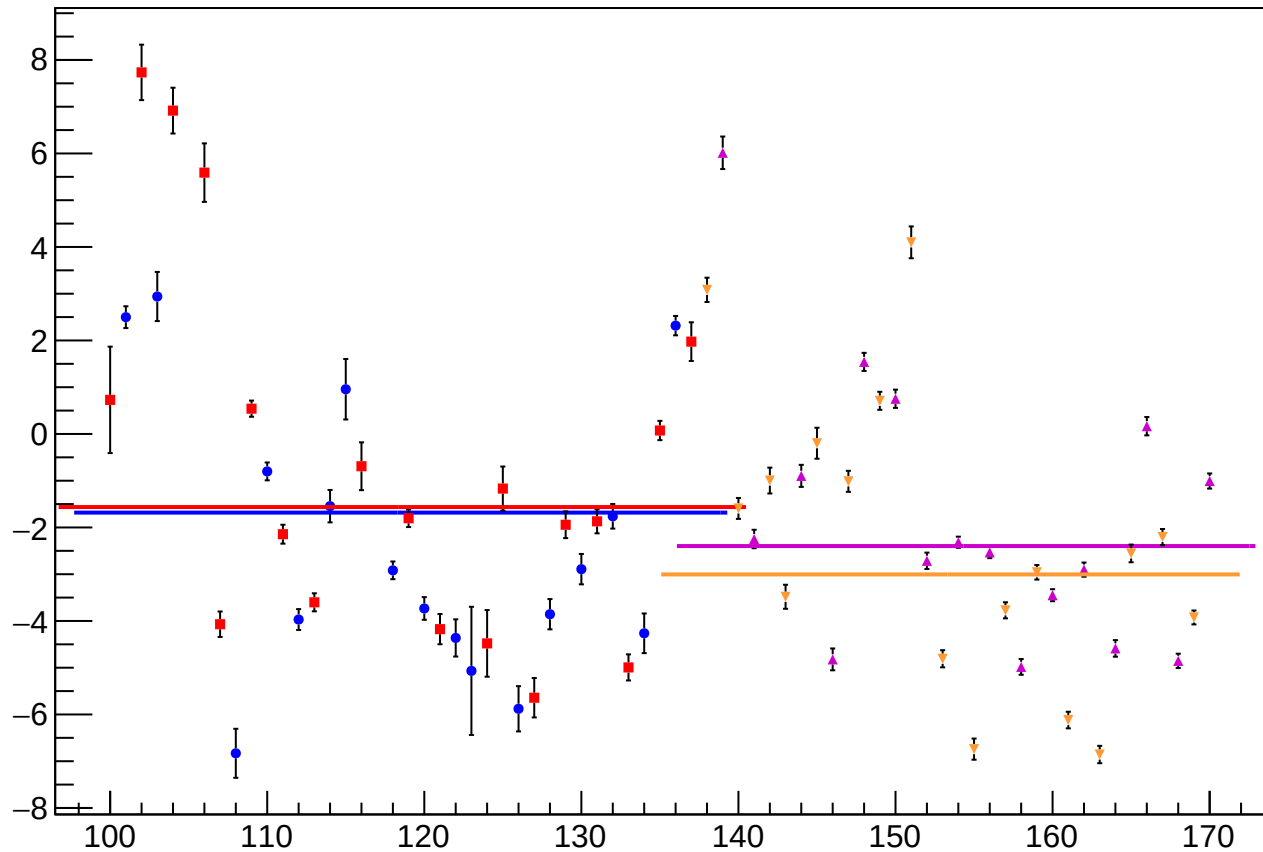
All: 1.491 $\pm$ 0.023 χ^2 /NDF: 6026.9/68

- sign 1.319 $\pm$ 0.031 χ^2 /NDF: 2917.9/34

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -3.004 ± 0.049 χ^2/NDF : 2794.9/16

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

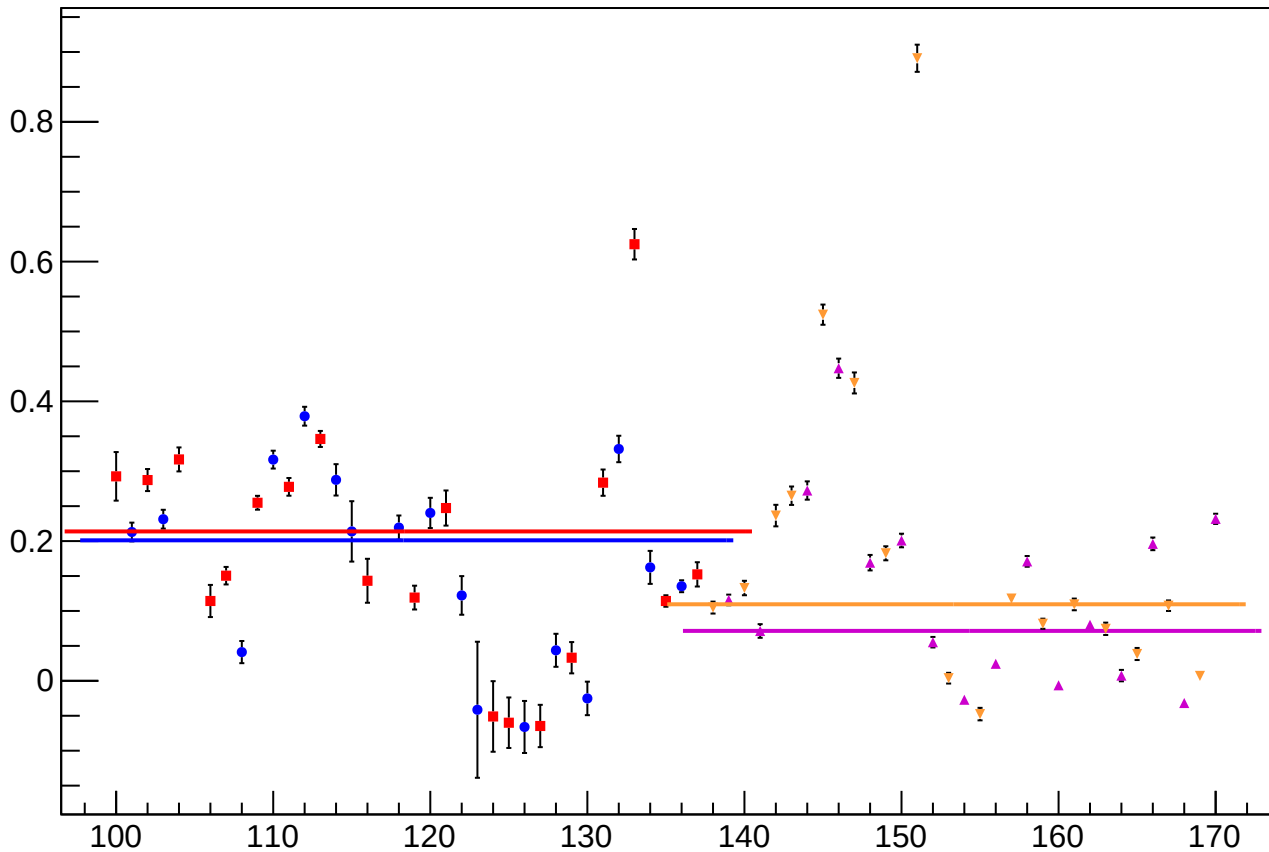
Left In: -2.398 ± 0.042 χ^2/NDF : 2380.9/15

+ sign -2.574 ± 0.040 χ^2/NDF : 4381.4/33

All: -2.339 ± 0.027 χ^2/NDF : 8443.1/68

- sign -2.156 ± 0.035 χ^2/NDF : 4000.4/34

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.110 ± 0.002 χ^2/NDF : 3973.2/16

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

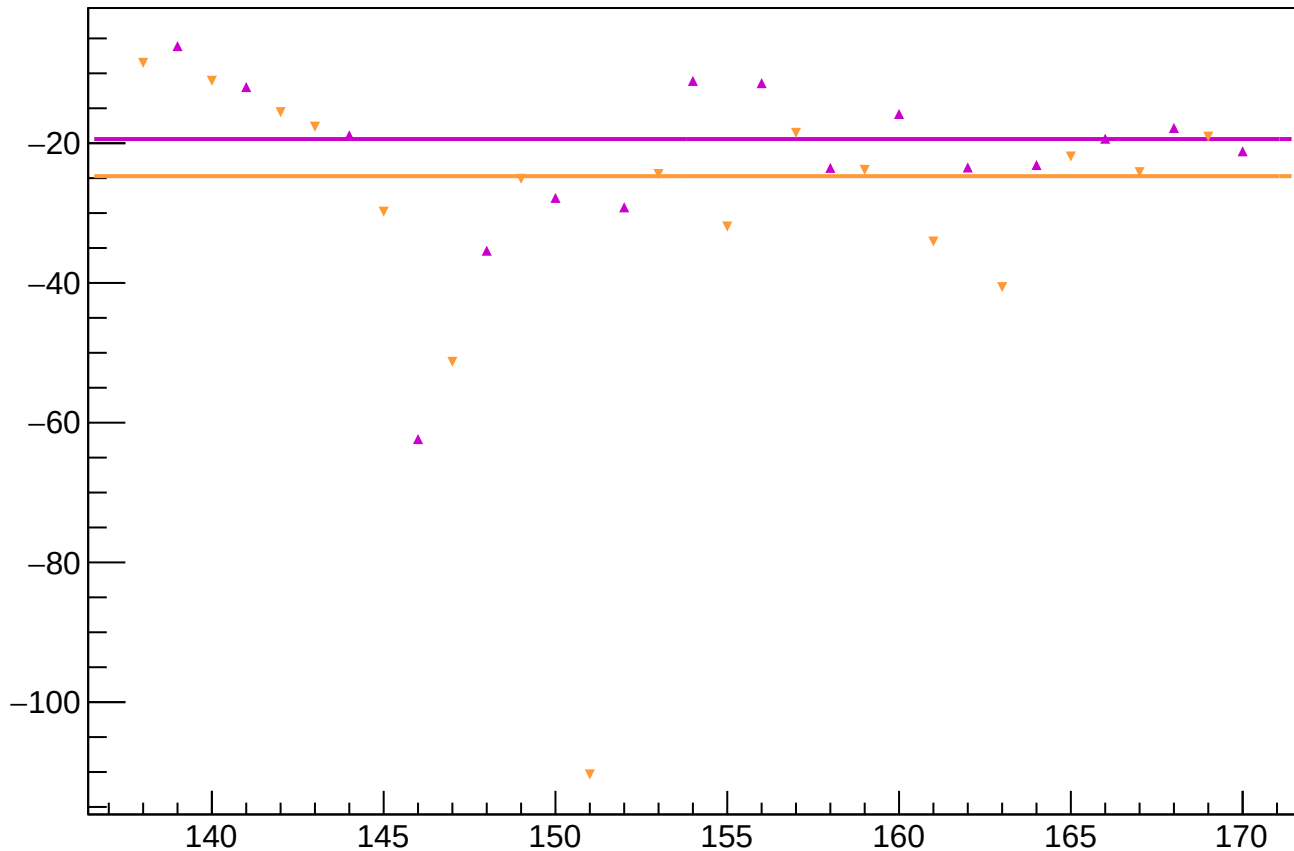
Left In: 0.071 ± 0.002 χ^2/NDF : 3140.6/15

+ sign 0.130 ± 0.002 χ^2/NDF : 5047.4/33

All: 0.112 ± 0.001 χ^2/NDF : 10613.4/68

- sign 0.100 ± 0.002 χ^2/NDF : 5424.0/34

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.719+/-0.059 χ^2/NDF : 57617.3/16

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

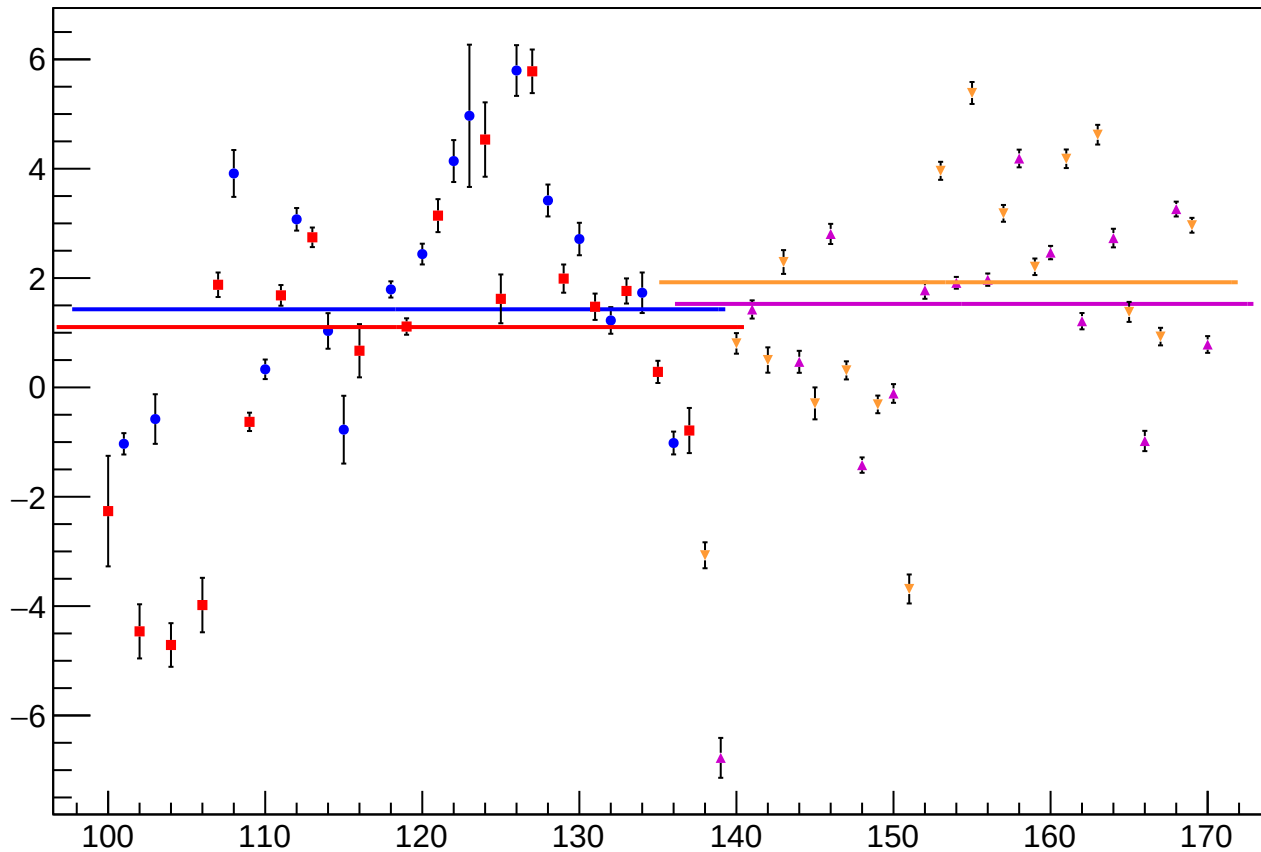
Left In: -19.405+/-0.051 χ^2/NDF : 36876.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.687+/-0.039 χ^2/NDF : 99067.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 $\pm$ 0.062 χ^2/NDF : 711.4/16

Left Out: 1.923 $\pm$ 0.044 χ^2/NDF :2336.5/16

Right Out: 1.104 $\pm$ 0.059 χ^2/NDF : 936.5/18

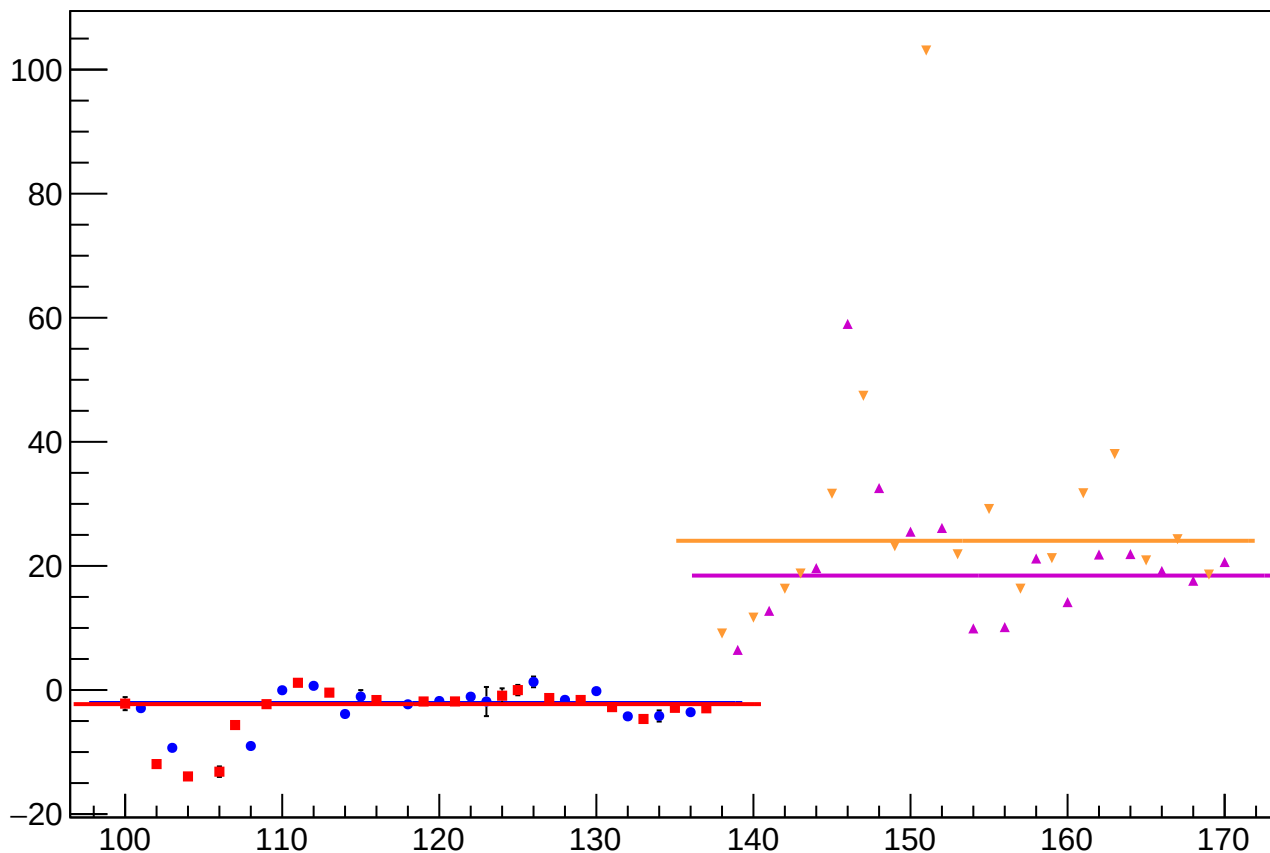
Left In: 1.527 $\pm$ 0.038 χ^2/NDF :1908.4/15

+ sign 1.759 $\pm$ 0.036 χ^2/NDF : 3090.2/33

All: 1.562 $\pm$ 0.024 χ^2/NDF : 6026.1/68

- sign 1.405 $\pm$ 0.032 χ^2/NDF : 2881.2/34

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 24.052 ± 0.058 $\chi^2/\text{NDF}: 51498.2/16$

Right Out: -2.278 ± 0.101 $\chi^2/\text{NDF}: 918.6/18$

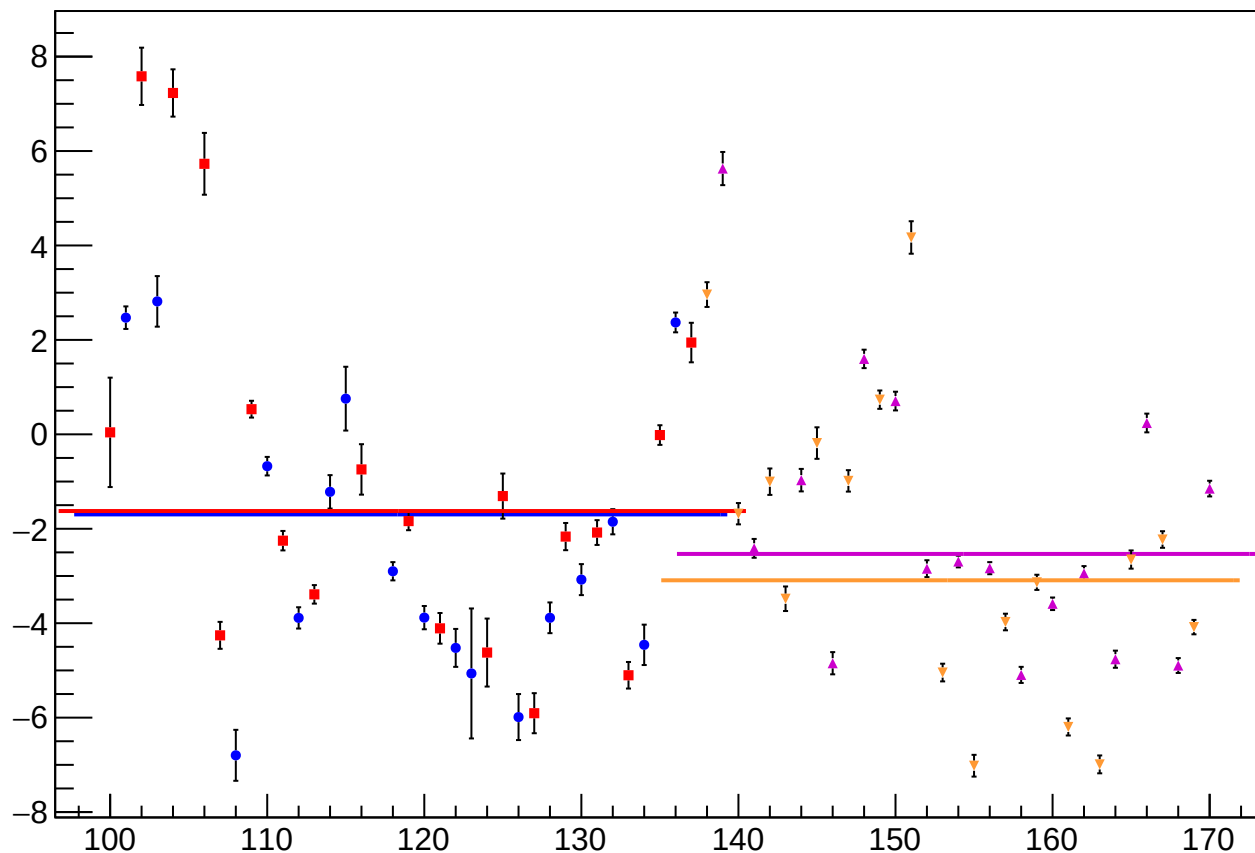
Left In: 18.444 ± 0.050 $\chi^2/\text{NDF}: 34650.4/15$

+ sign 18.502 ± 0.052 $\chi^2/\text{NDF}: 94463.3/33$

All: 16.132 ± 0.034 $\chi^2/\text{NDF}: 167473.0/68$

- sign 14.361 ± 0.045 $\chi^2/\text{NDF}: 69363.7/34$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF : 1333.3/16

Left Out: -3.091+/-0.050 χ^2/NDF : 2838.9/16

Right Out: -1.624+/-0.067 χ^2/NDF : 1467.3/18

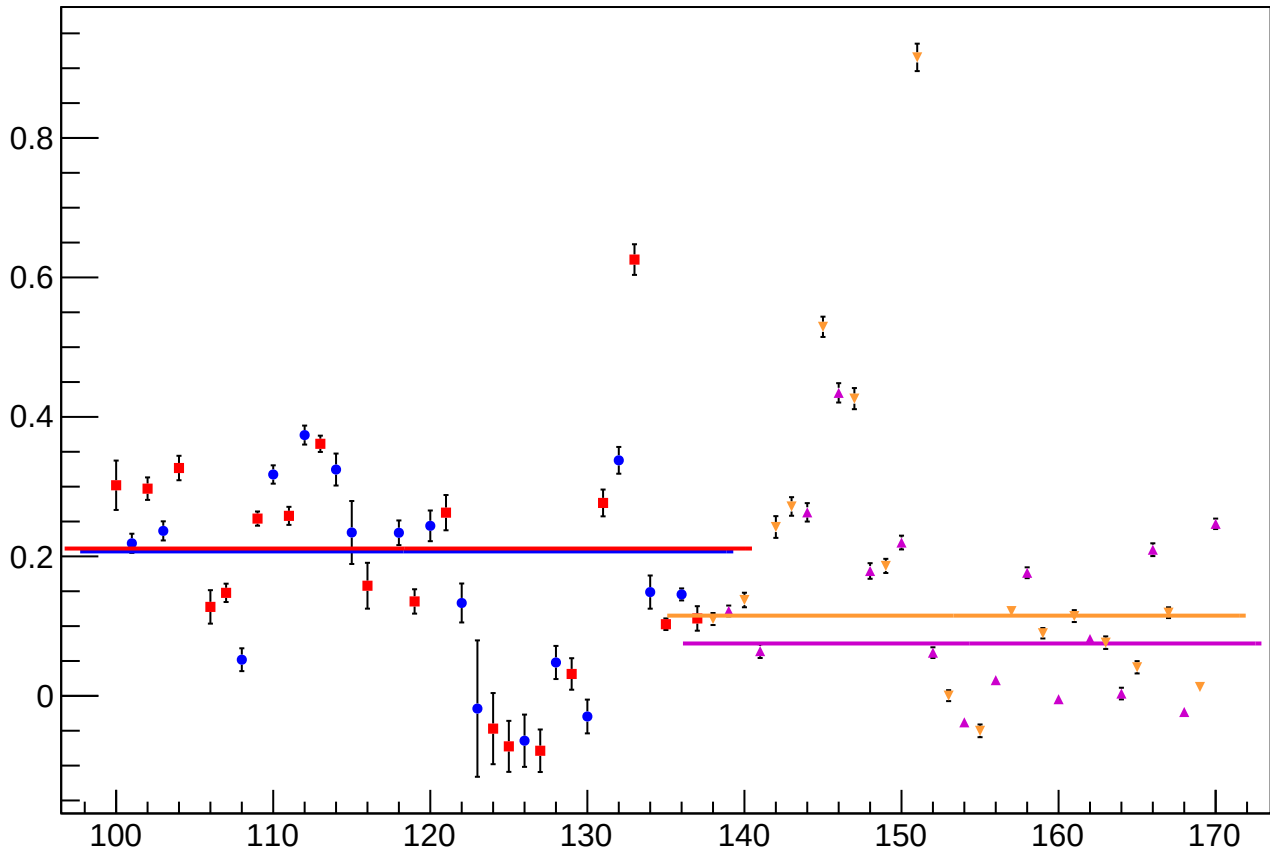
Left In: -2.533+/-0.043 χ^2/NDF : 2340.2/15

+ sign -2.636+/-0.041 χ^2/NDF : 4428.6/33

All: -2.430+/-0.027 χ^2/NDF : 8412.1/68

- sign -2.268+/-0.036 χ^2/NDF : 3937.9/34

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 $\chi^2/\text{NDF}: 656.3/16$

Left Out: 0.115 ± 0.002 $\chi^2/\text{NDF}: 4006.1/16$

Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.7/18$

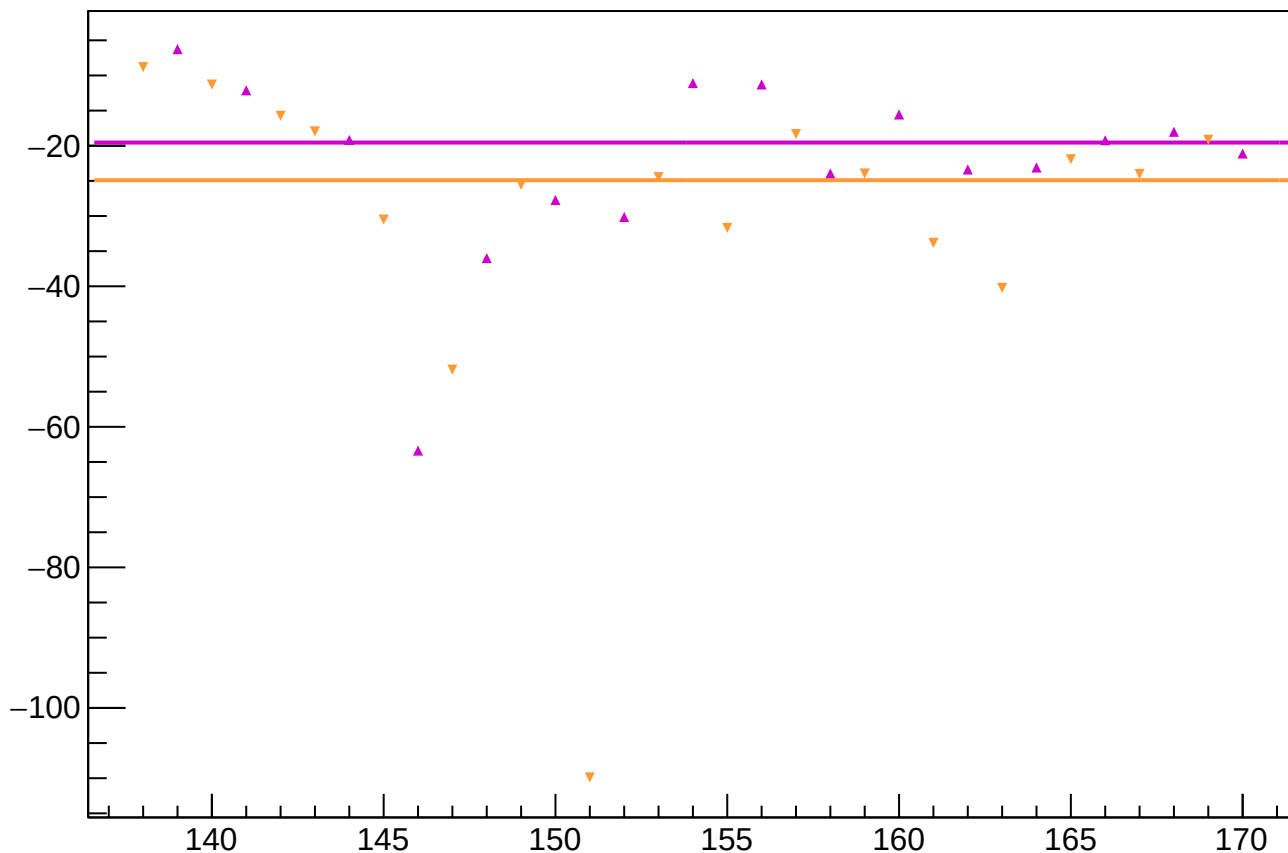
Left In: 0.075 ± 0.002 $\chi^2/\text{NDF}: 3221.8/15$

+ sign 0.136 ± 0.002 $\chi^2/\text{NDF}: 5036.4/33$

All: 0.116 ± 0.001 $\chi^2/\text{NDF}: 10620.3/68$

- sign 0.102 ± 0.002 $\chi^2/\text{NDF}: 5419.2/34$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.904+/-0.060 χ^2/NDF : 56406.4/16

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

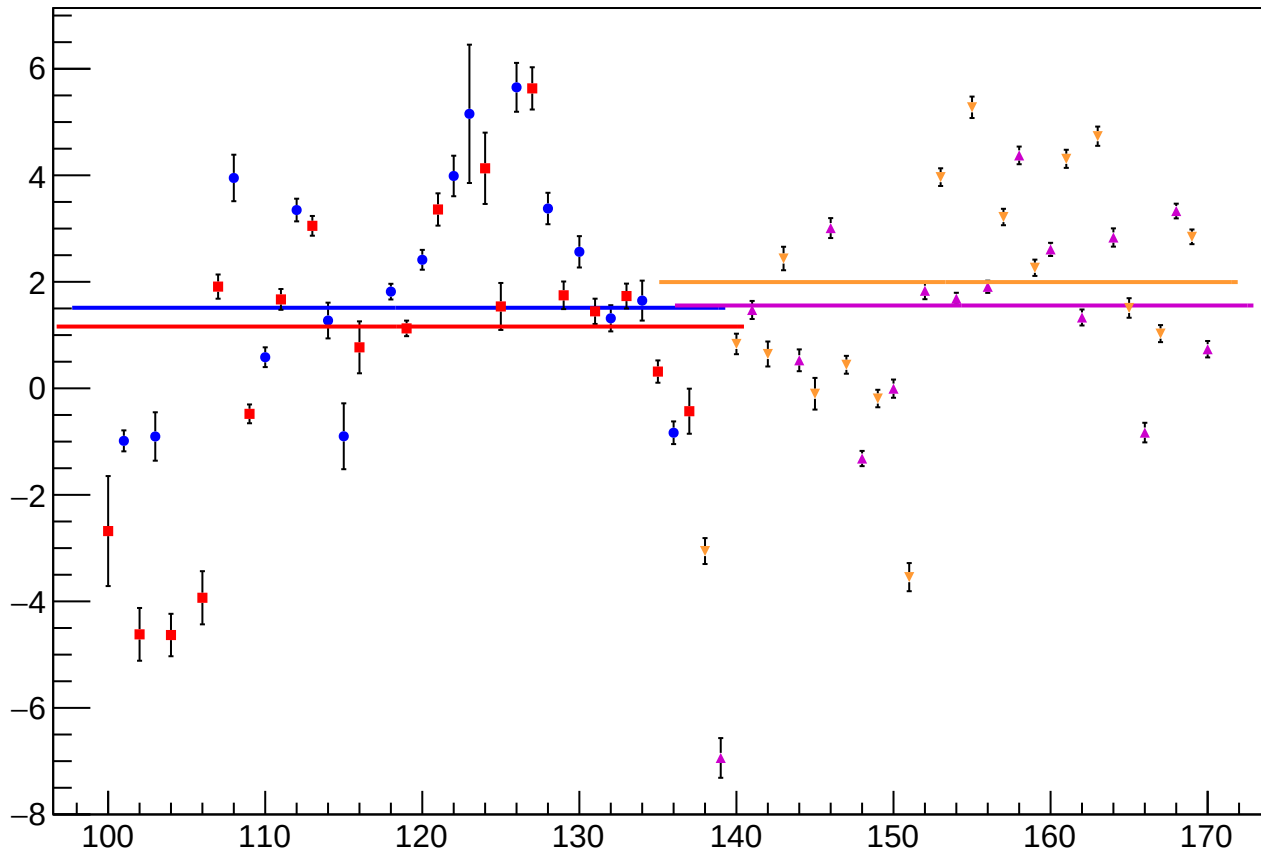
Left In: -19.546+/-0.052 χ^2/NDF : 37108.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.856+/-0.039 χ^2/NDF : 98063.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 ± 0.063 $\chi^2/\text{NDF}: 669.7/16$

Left Out: 1.995 ± 0.044 $\chi^2/\text{NDF}: 2225.0/16$

Right Out: 1.160 ± 0.060 $\chi^2/\text{NDF}: 917.0/18$

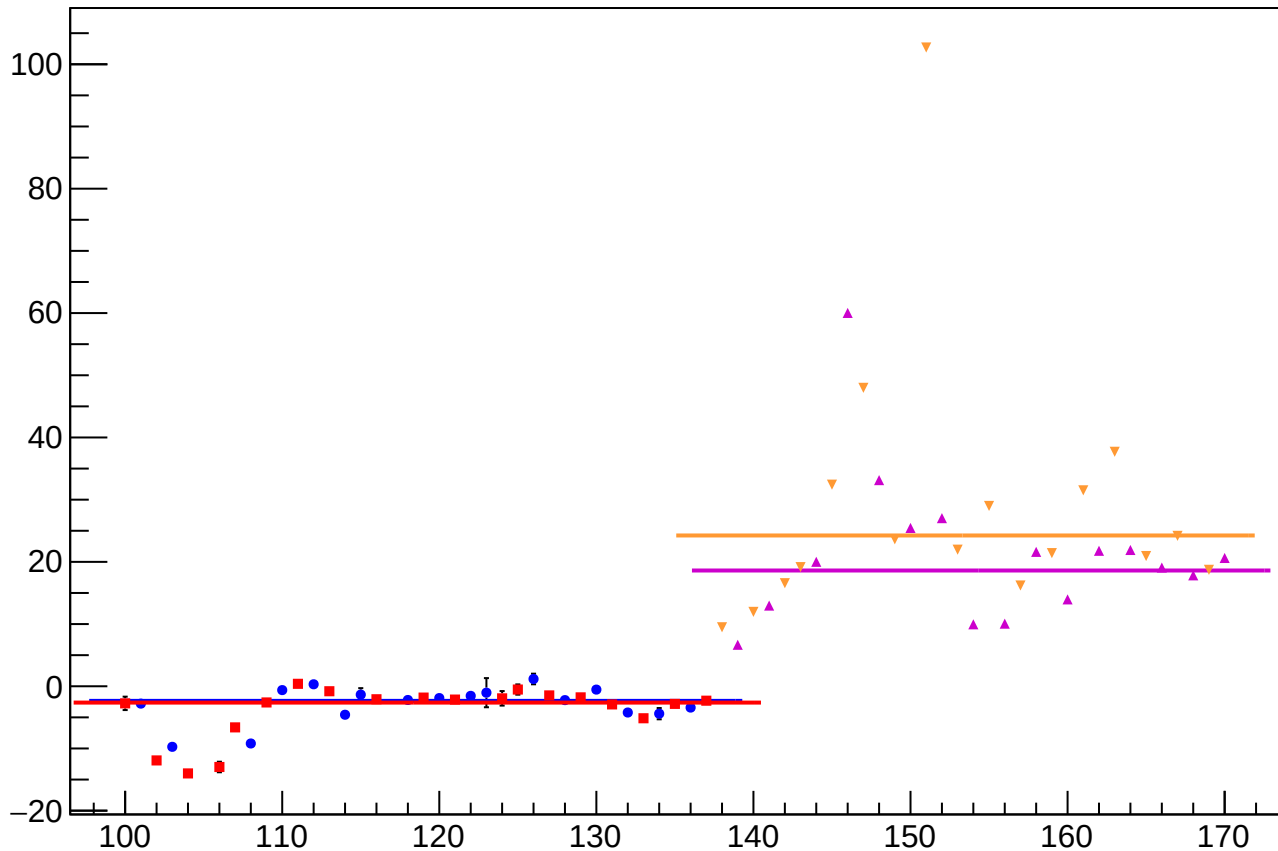
Left In: 1.556 ± 0.038 $\chi^2/\text{NDF}: 1885.4/15$

+ sign 1.835 ± 0.036 $\chi^2/\text{NDF}: 2934.3/33$

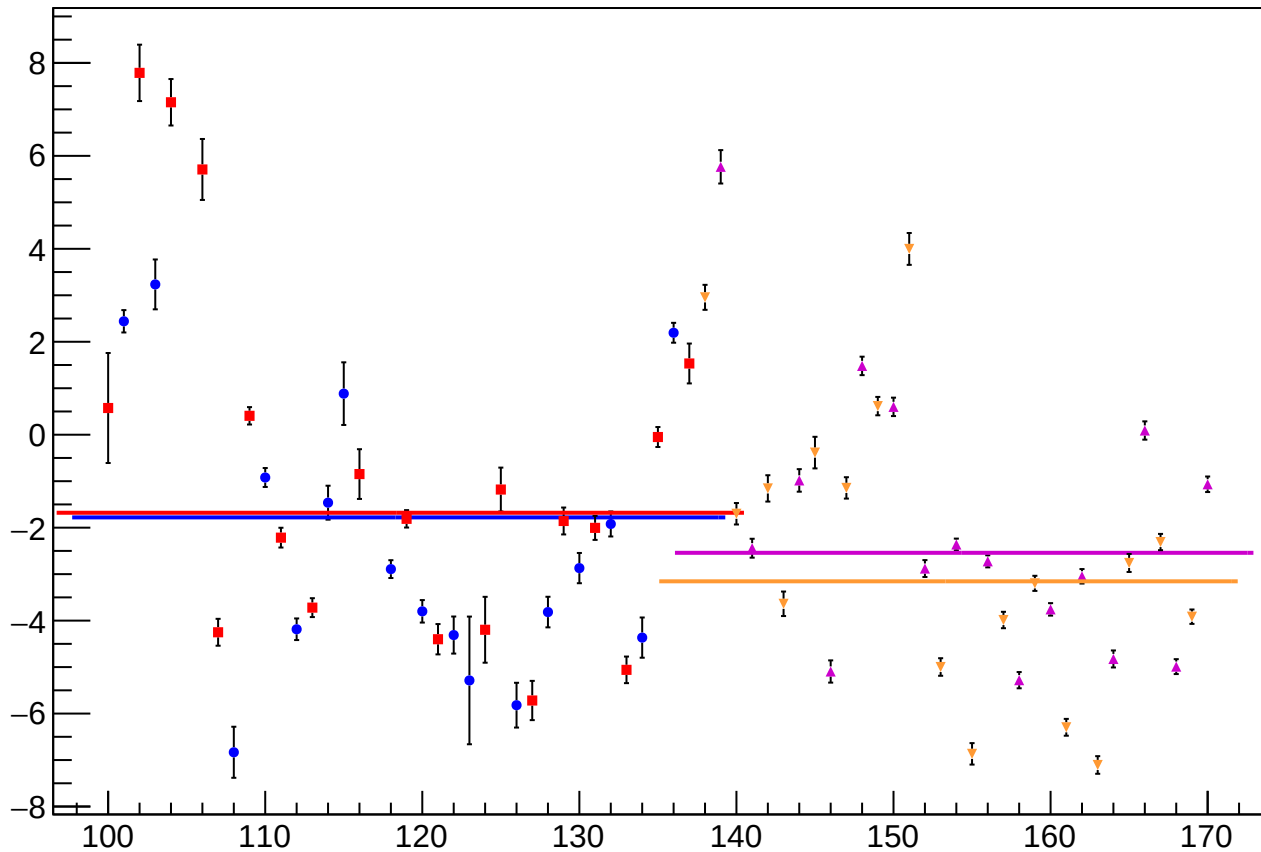
All: 1.617 ± 0.024 $\chi^2/\text{NDF}: 5833.7/68$

- sign 1.441 ± 0.032 $\chi^2/\text{NDF}: 2833.2/34$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -3.154 ± 0.050 χ^2/NDF : 2712.9/16

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

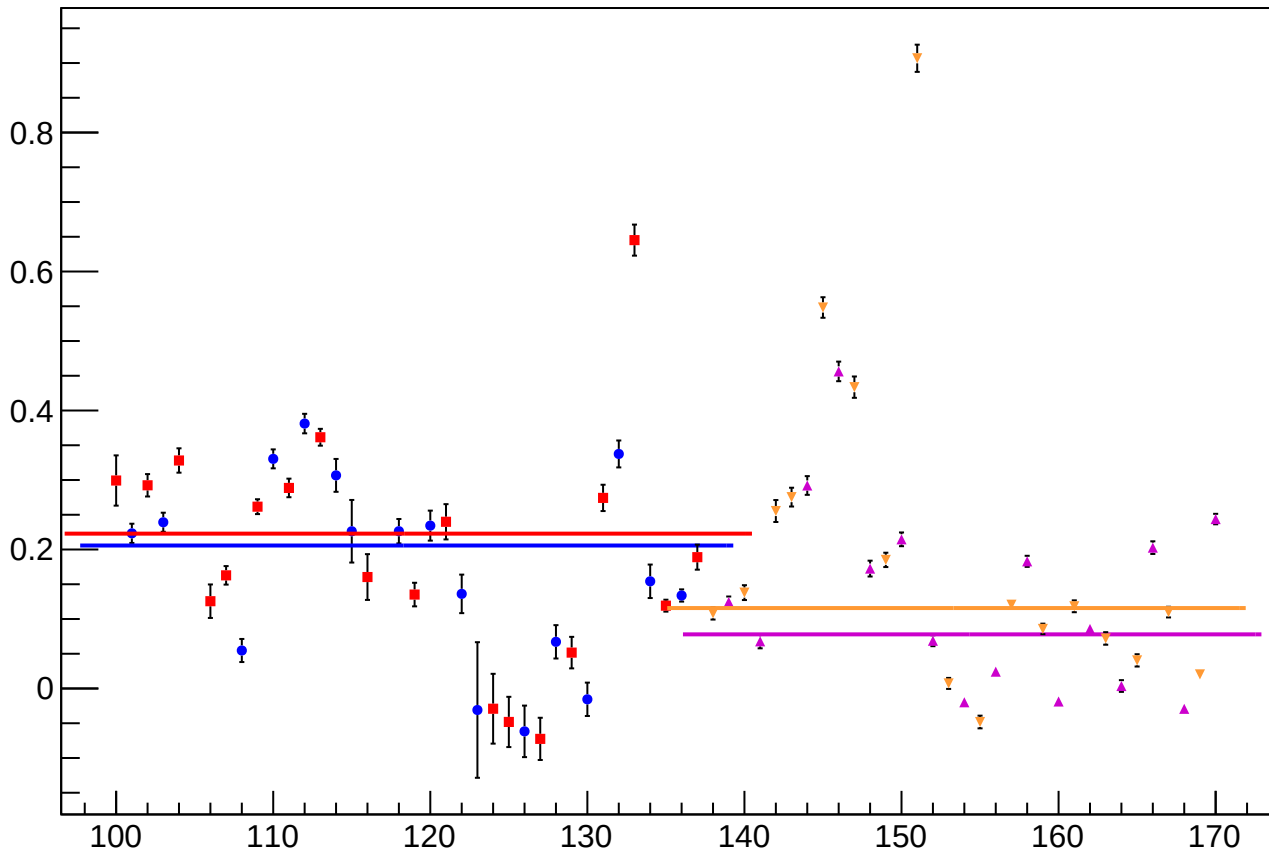
Left In: -2.541 ± 0.044 χ^2/NDF : 2342.6/15

+ sign -2.707 ± 0.041 χ^2/NDF : 4229.3/33

All: -2.474 ± 0.027 χ^2/NDF : 8172.4/68

- sign -2.291 ± 0.037 χ^2/NDF : 3886.1/34

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.116 ± 0.002 χ^2/NDF : 3988.0/16

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.078 ± 0.002 χ^2/NDF : 3191.4/15

+ sign 0.136 ± 0.002 χ^2/NDF : 4988.3/33

All: 0.119 ± 0.001 χ^2/NDF : 10491.9/68

- sign 0.106 ± 0.002 χ^2/NDF : 5380.6/34