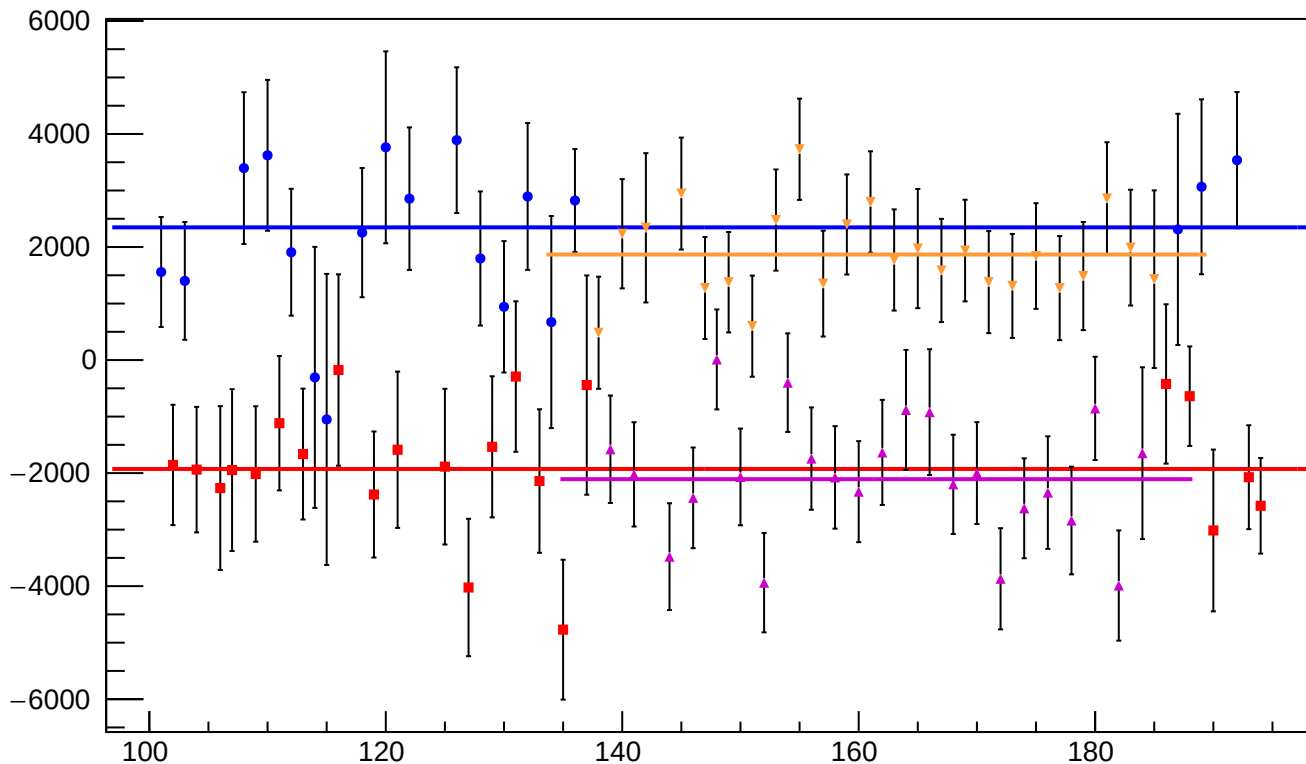


dit_asym_us_avg_mean vs Slug



Right In: 2347.792 $\pm$ 295.579

χ^2/NDF : 12.6/18

+ sign 2012.949 $\pm$ 162.654

χ^2/NDF : 29.6/42

Left Out: 1867.512 $\pm$ 194.801

χ^2/NDF : 15.1/23

All: -111.129 $\pm$ 112.224

χ^2/NDF : 402.2/87

Right Out: -1926.793 $\pm$ 255.702

χ^2/NDF : 16.8/21

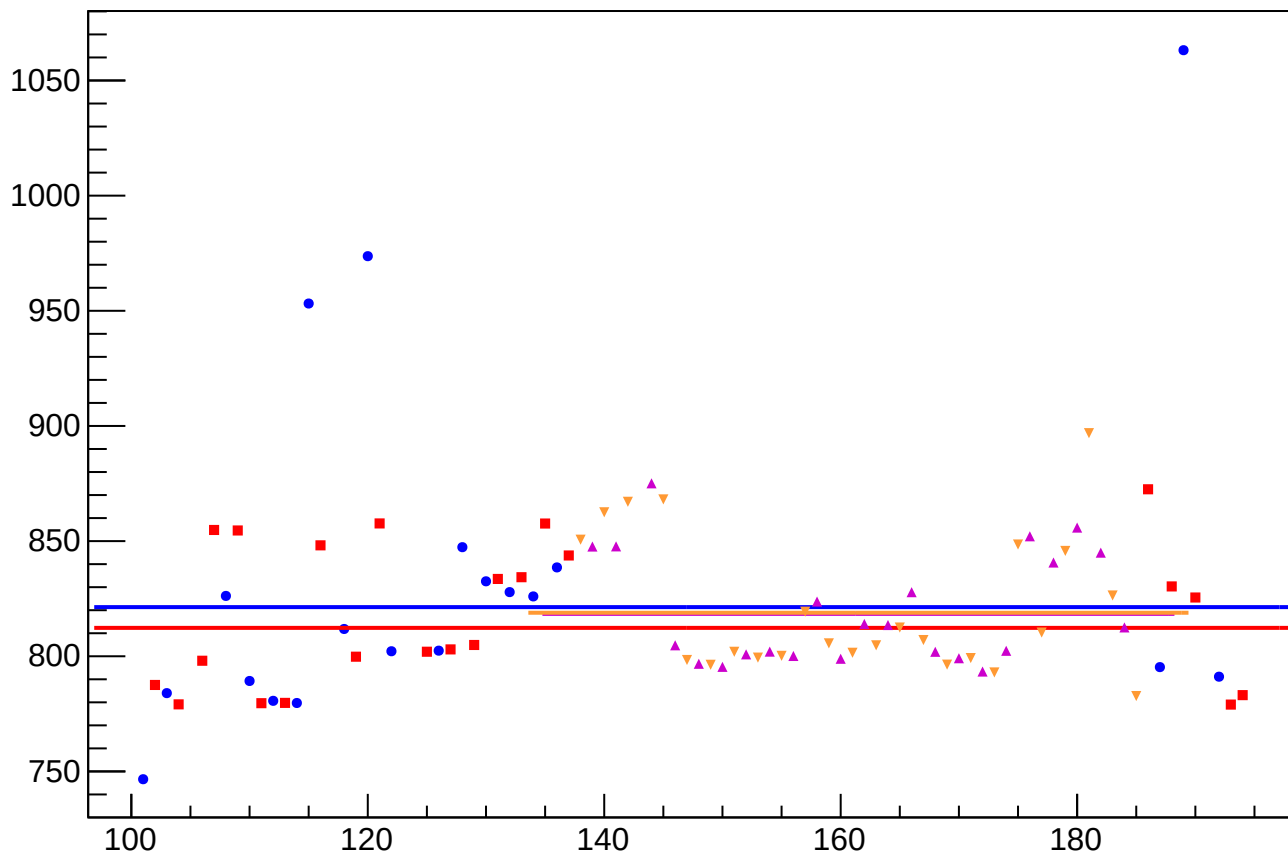
- sign -2040.908 $\pm$ 155.036

χ^2/NDF : 47.1/44

Left In: -2107.246 $\pm$ 194.959

χ^2/NDF : 30.0/22

dit_asym_us_avg_rms vs Slug



Right In: 821.341 $\pm$ 0.209 χ^2 /NDF: 93533.4/18

Left Out: 818.900 $\pm$ 0.138 χ^2 /NDF: 41670.9/23

Right Out: 812.330 $\pm$ 0.181 χ^2 /NDF: 27992.1/21

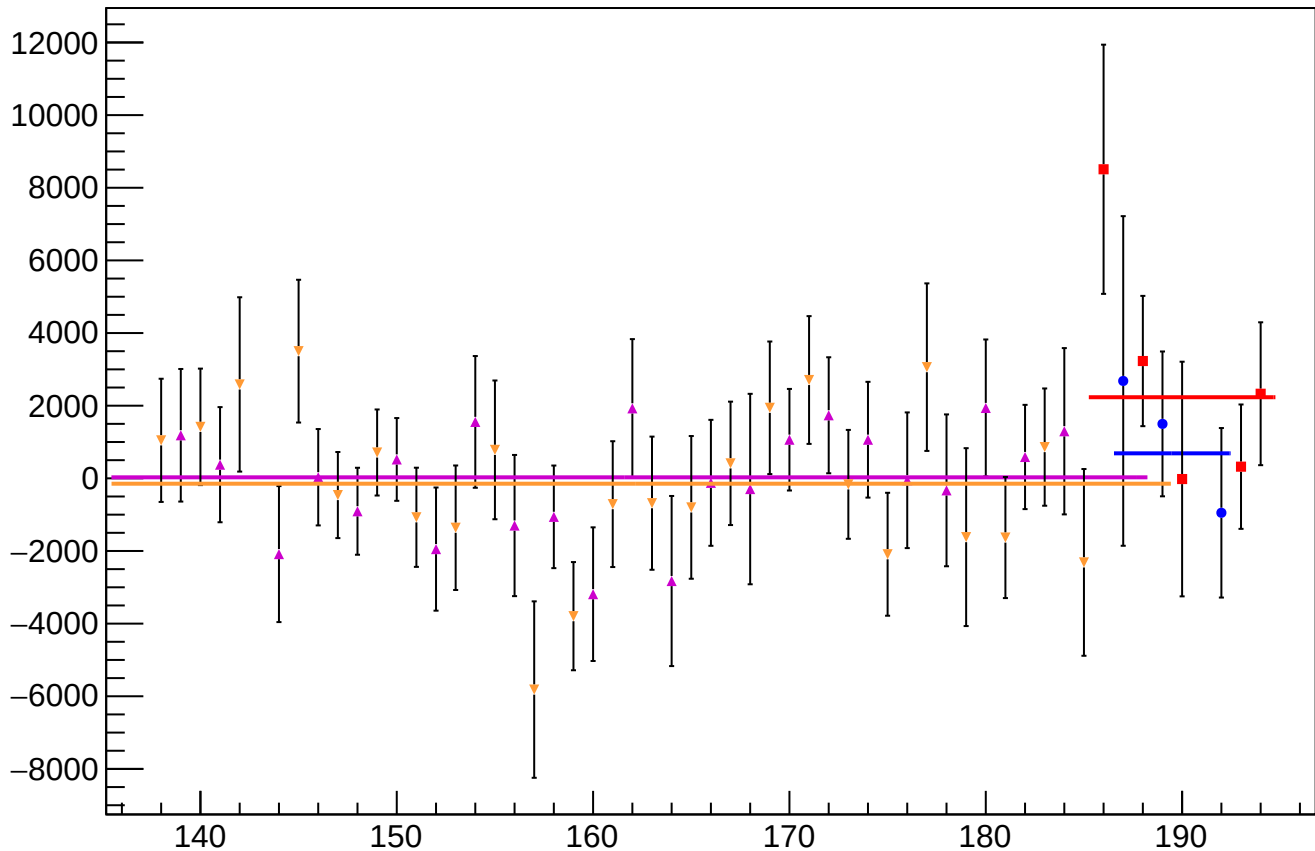
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

+ sign 819.639 $\pm$ 0.115 χ^2 /NDF: 135299.4/42

All: 817.822 $\pm$ 0.079 χ^2 /NDF: 194388.5/87

- sign 816.170 $\pm$ 0.110 χ^2 /NDF: 58612.4/44

asym_us_avg_correction_mean vs Slug



Right In: 688.257 ± 1437.760 χ^2/NDF : 0.9/2

Left Out: -147.864 ± 347.750 χ^2/NDF : 29.3/23

Right Out: 2232.929 ± 957.226 χ^2/NDF : 5.4/4

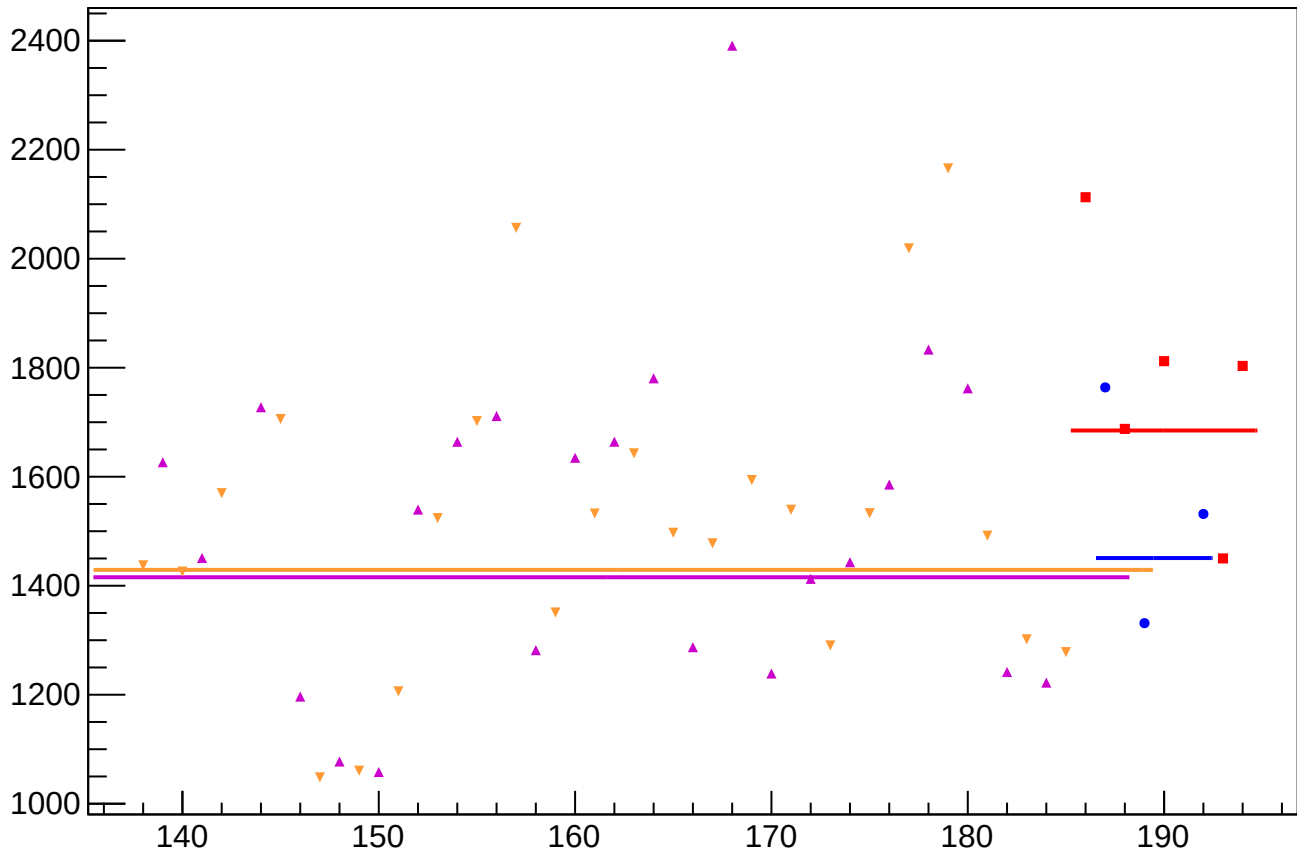
Left In: 27.722 ± 344.229 χ^2/NDF : 14.8/22

+ sign -101.654 ± 338.004 χ^2/NDF : 30.5/26

All: 97.417 ± 233.867 χ^2/NDF : 56.1/54

- sign 280.244 ± 323.921 χ^2/NDF : 24.9/27

asym_us_avg_correction_rms vs Slug



Right In: 1450.785 $\pm$ 1.017 χ^2/NDF : 19112.3/2

Left Out: 1429.065 $\pm$ 0.246 χ^2/NDF : 1106949.6/23

Right Out: 1684.840 $\pm$ 0.677 χ^2/NDF : 79093.5/4

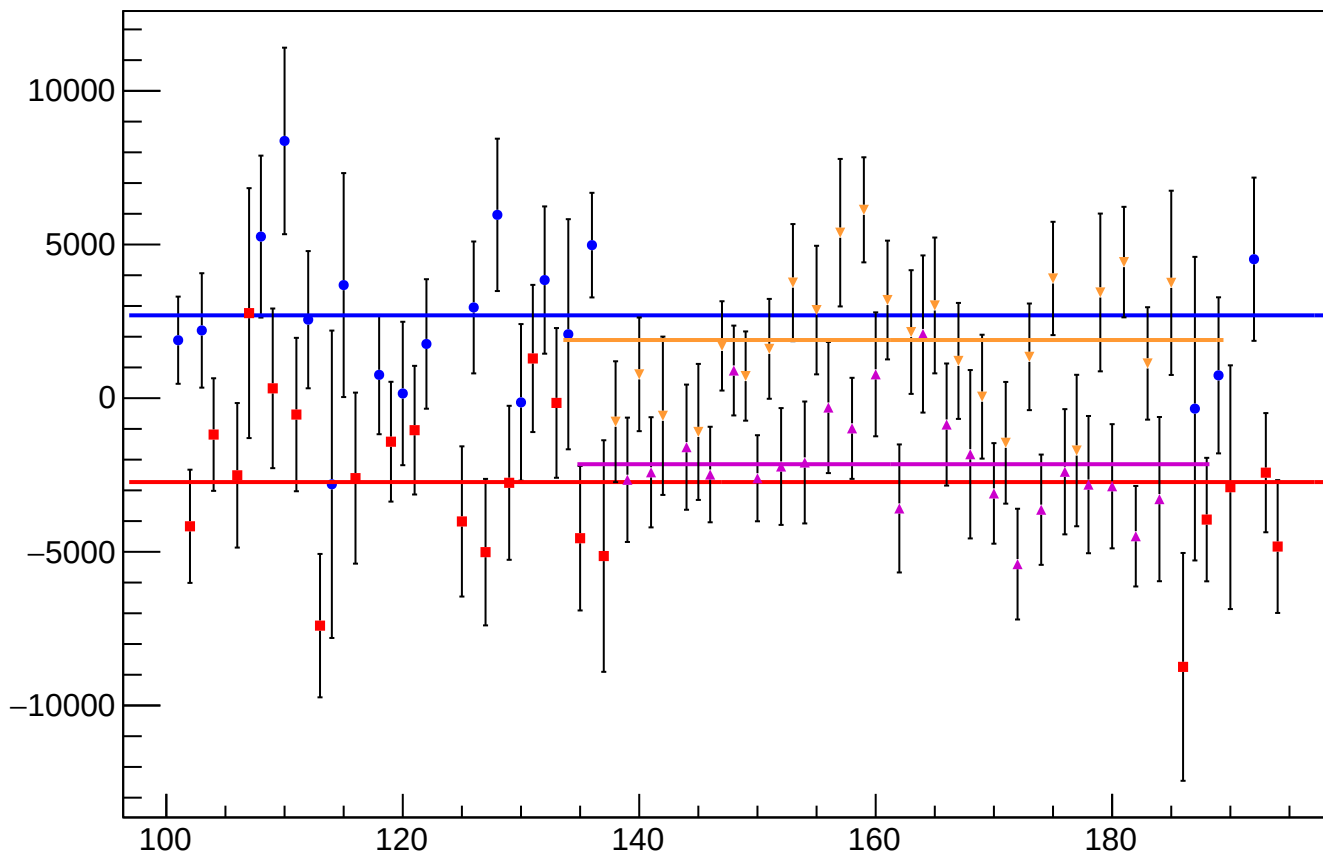
Left In: 1415.555 $\pm$ 0.243 χ^2/NDF : 1245603.5/22

+ sign 1430.265 $\pm$ 0.239 χ^2/NDF : 1126493.1/26

All: 1438.671 $\pm$ 0.165 χ^2/NDF : 2593718.4/54

- sign 1446.391 $\pm$ 0.229 χ^2/NDF : 1464852.3/27

asym_us_avg_mean vs Slug



Right In: 2695.444 $\pm$ 535.033 χ^2 /NDF: 15.0/18

Left Out: 1892.511 $\pm$ 394.798 χ^2 /NDF:25.9/23

Right Out: -2730.093 $\pm$ 505.854 χ^2 /NDF: 20.5/21

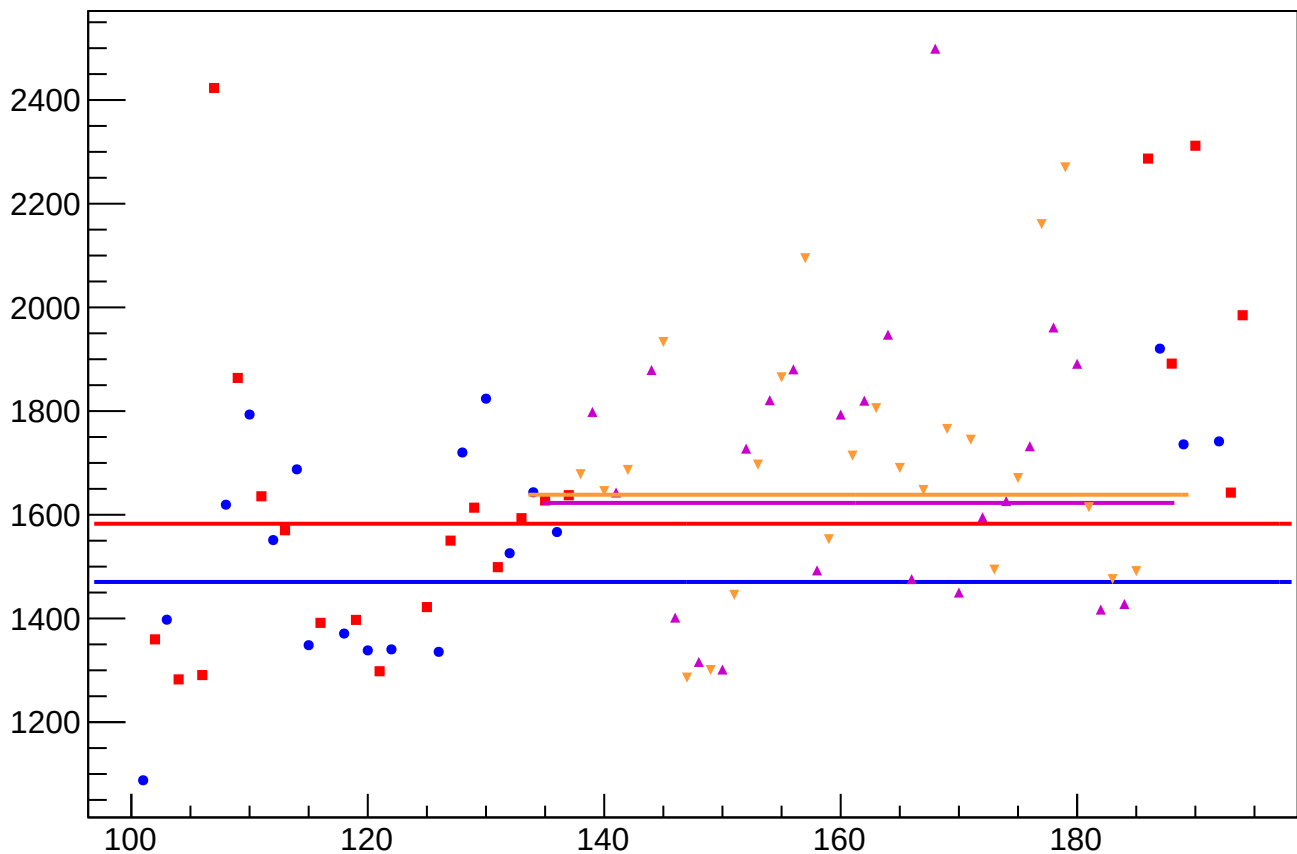
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2175.574 $\pm$ 317.675 χ^2 /NDF: 42.4/42

All: -153.219 $\pm$ 221.761 χ^2 /NDF: 187.0/87

- sign -2366.745 $\pm$ 309.713 χ^2 /NDF: 39.8/44

asym_us_avg_rms vs Slug



Right In: 1470.399+/-0.378 χ^2/NDF : 343240.2/18

Left Out: 1638.679+/-0.279 χ^2/NDF : 671983.1/23

Right Out: 1582.698+/-0.358 χ^2/NDF : 559377.2/21

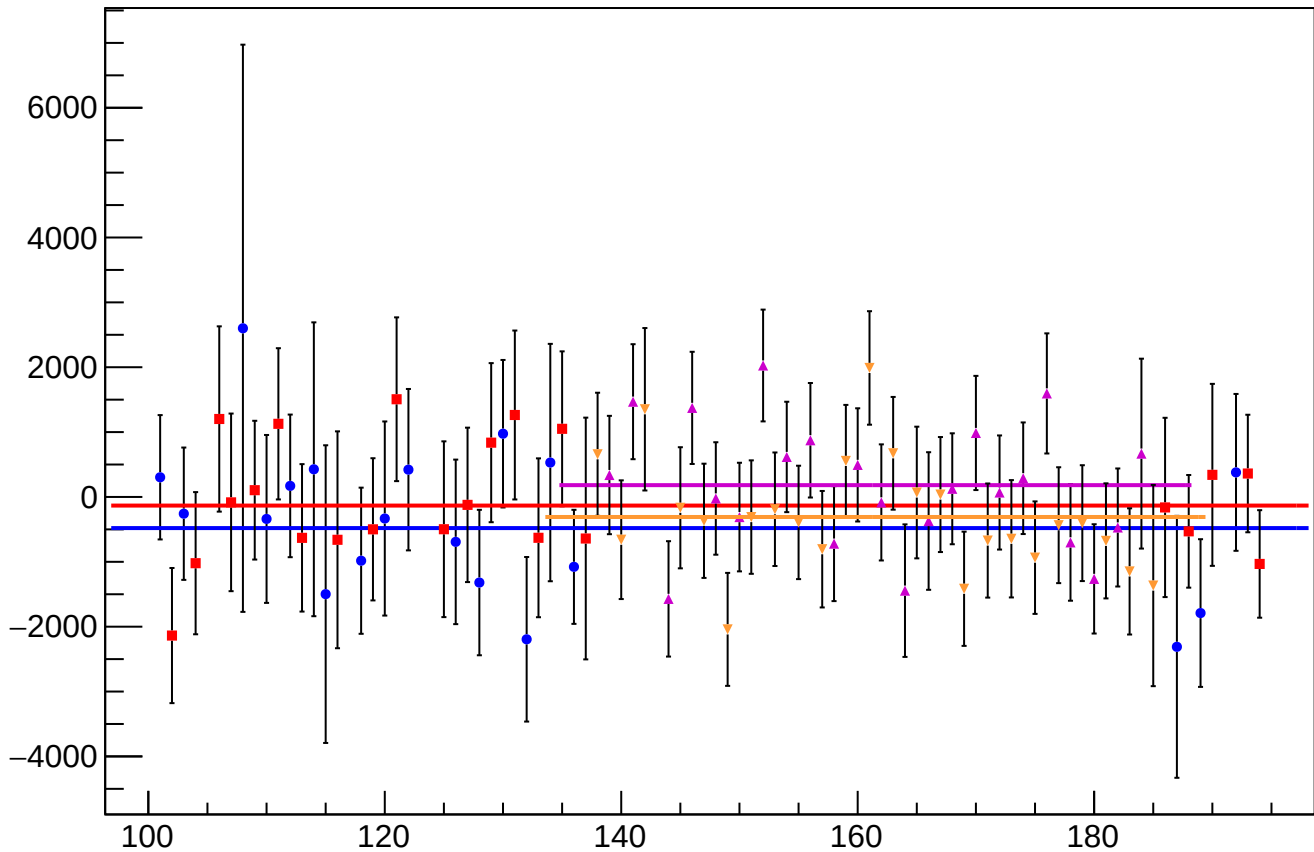
Left In: 1622.876+/-0.277 χ^2/NDF : 780522.2/22

+ sign 1579.354+/-0.225 χ^2/NDF : 1143323.1/42

All: 1593.946+/-0.157 χ^2/NDF : 2499340.0/87

- sign 1607.815+/-0.219 χ^2/NDF : 1347786.9/44

dit_asym_us_dd_mean vs Slug



Right In: -479.917 ± 289.925 χ^2/NDF : 10.1/18

Left Out: -308.819 ± 187.448 χ^2/NDF : 20.6/23

Right Out: -132.844 ± 248.667 χ^2/NDF : 13.4/21

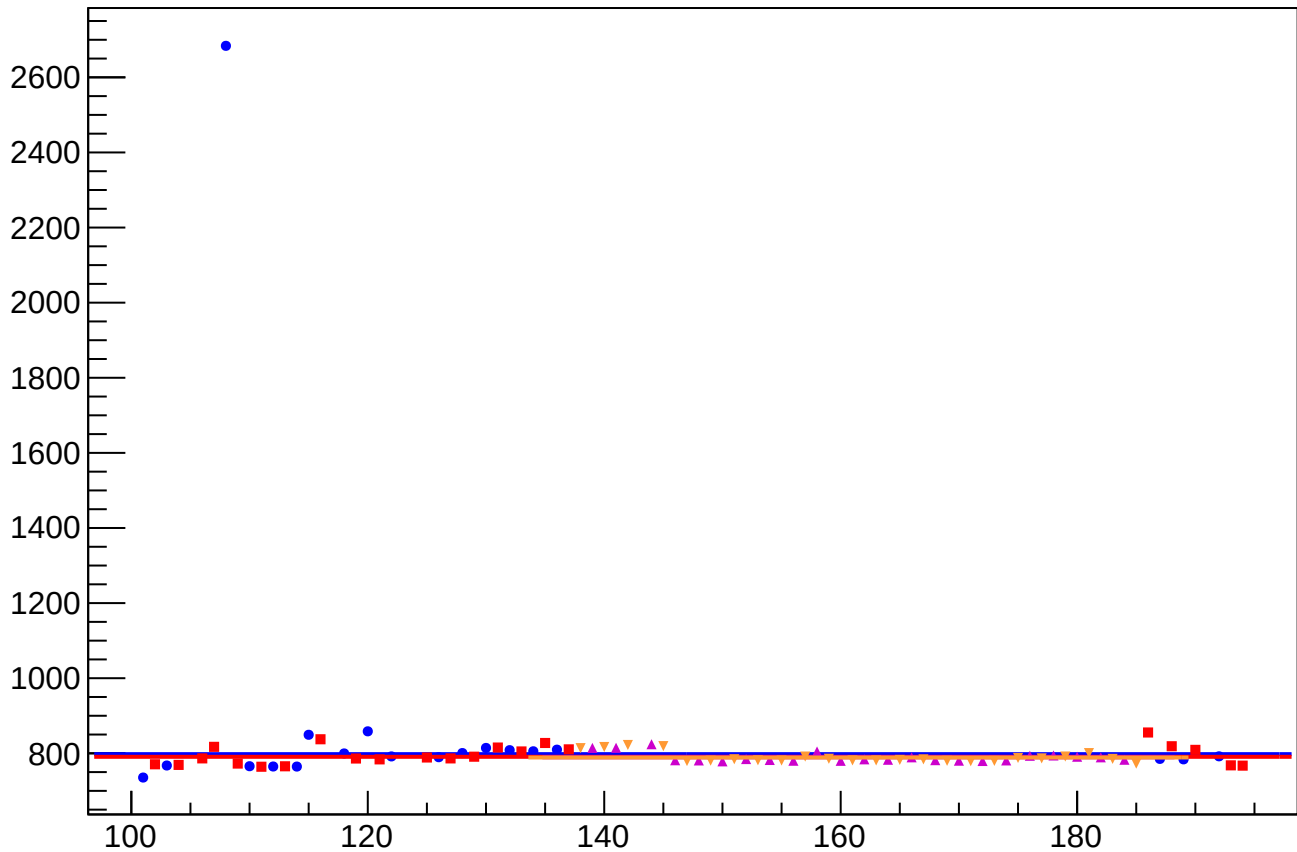
Left In: 181.983 ± 187.935 χ^2/NDF : 25.6/22

+ sign -359.256 ± 157.413 χ^2/NDF : 30.9/42

All: -135.480 ± 108.566 χ^2/NDF : 74.8/87

- sign 67.531 ± 149.932 χ^2/NDF : 40.0/44

dit_asym_us_dd_rms vs Slug



Right In: 797.794+/-0.205 χ^2/NDF : 391669.5/18

Left Out: 788.886+/-0.133 χ^2/NDF : 9342.2/23

Right Out: 790.712+/-0.176 χ^2/NDF : 19361.6/21

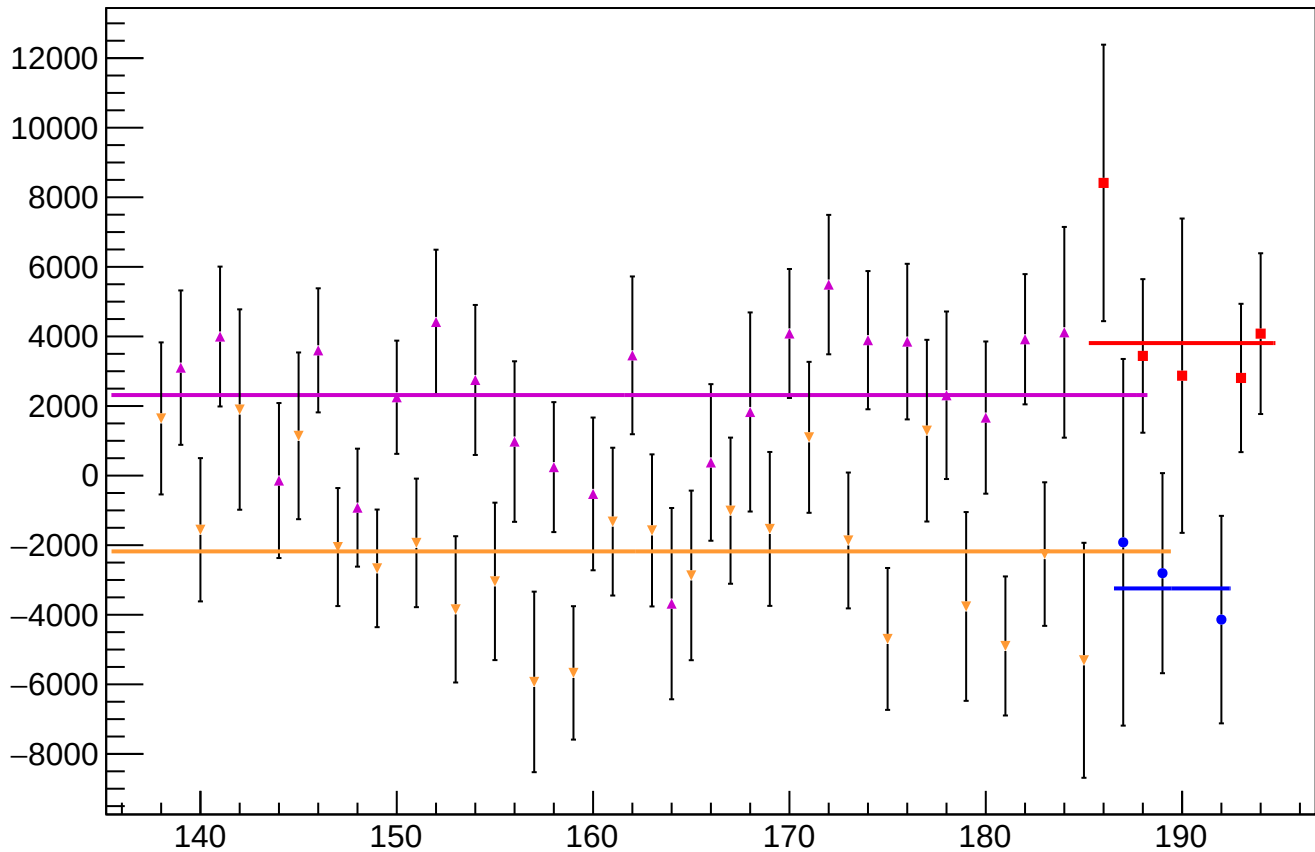
Left In: 789.406+/-0.133 χ^2/NDF : 9219.1/22

+ sign 791.512+/-0.111 χ^2/NDF : 402343.3/42

All: 790.657+/-0.077 χ^2/NDF : 431071.7/87

- sign 789.881+/-0.106 χ^2/NDF : 28615.9/44

asym_us_dd_correction_mean vs Slug



Right In: -3242.935 $\pm$ 1926.759 χ^2 /NDF: 0.2/2

Left Out: -2178.467 $\pm$ 439.661 χ^2 /NDF: 22.7/23

Right Out: 3809.100 $\pm$ 1174.427 χ^2 /NDF: 1.6/4

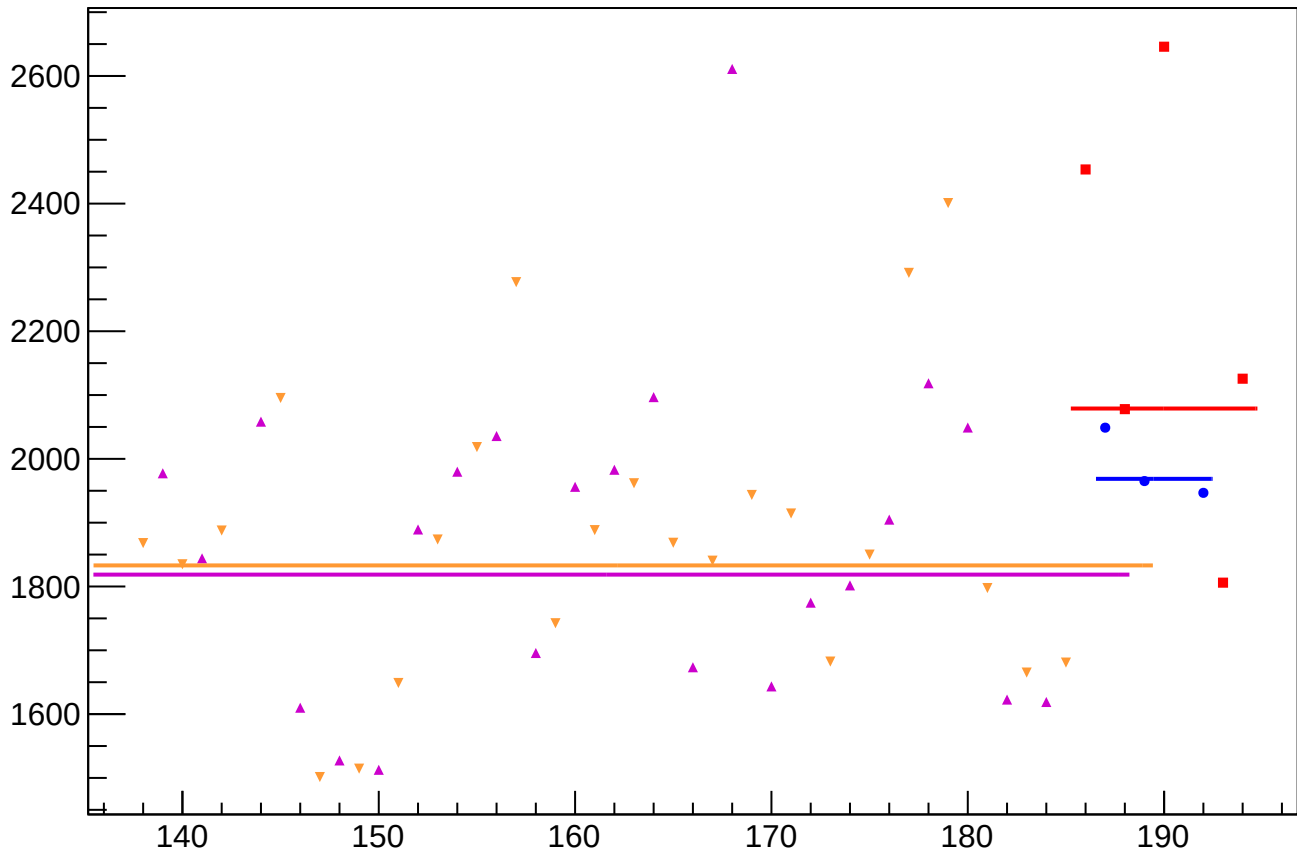
Left In: 2315.169 $\pm$ 437.003 χ^2 /NDF: 22.0/22

+ sign -2231.150 $\pm$ 428.643 χ^2 /NDF: 23.2/26

All: 240.394 $\pm$ 296.122 χ^2 /NDF: 111.9/54

- sign 2496.859 $\pm$ 409.568 χ^2 /NDF: 25.1/27

asym_us_dd_correction_rms vs Slug



Right In: 1968.681 $\pm$ 1.362 χ^2 /NDF: 574.3/2

Left Out: 1833.028 $\pm$ 0.311 χ^2 /NDF: 465466.9/23

Right Out: 2078.883 $\pm$ 0.830 χ^2 /NDF: 82877.3/4

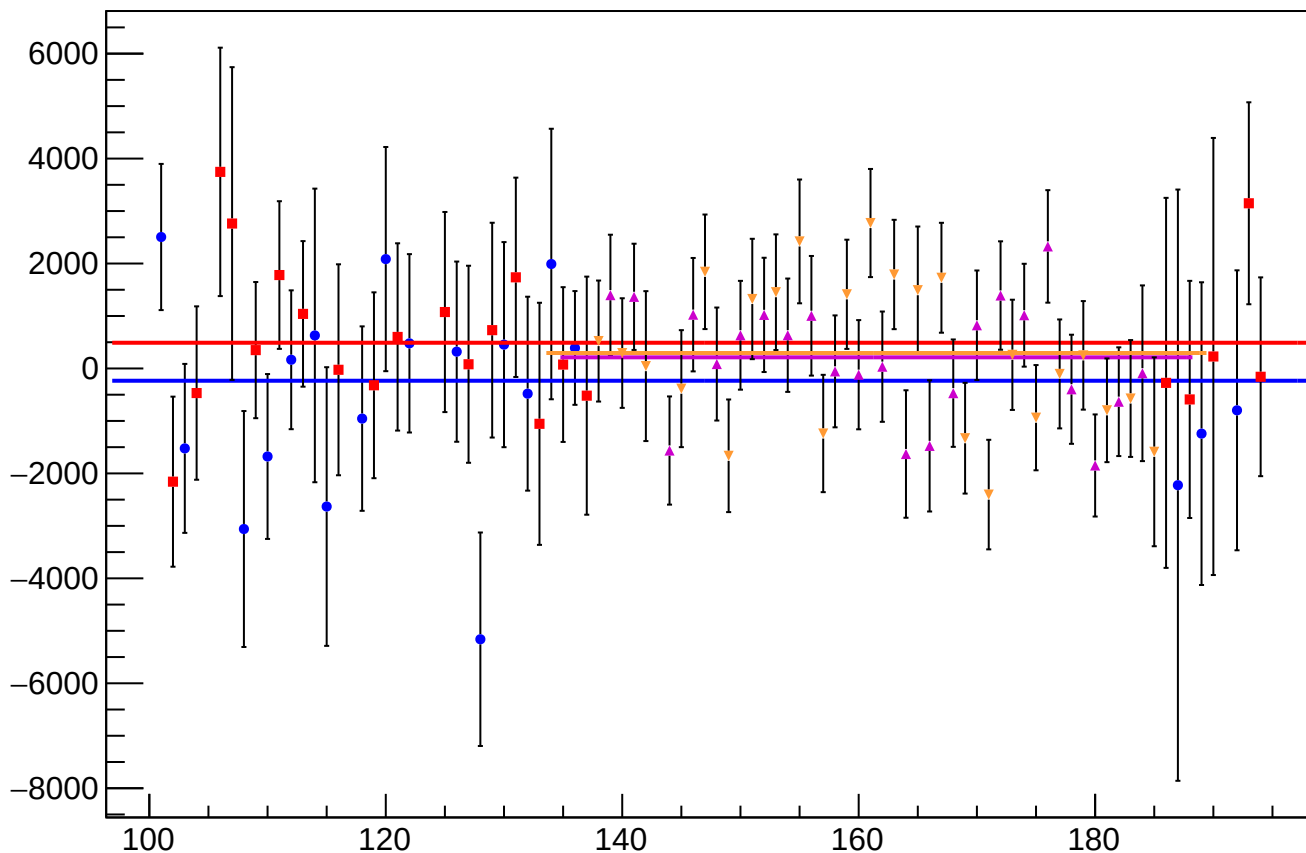
Left In: 1818.594 $\pm$ 0.309 χ^2 /NDF: 536826.7/22

+ sign 1839.742 $\pm$ 0.303 χ^2 /NDF: 475464.2/26

All: 1845.235 $\pm$ 0.209 χ^2 /NDF: 1182088.8/54

- sign 1850.250 $\pm$ 0.290 χ^2 /NDF: 705996.1/27

asym_us_dd_mean vs Slug



Right In: -234.023 ± 420.216 $\chi^2/\text{NDF}: 16.9/18$

Left Out: 294.652 ± 224.344 $\chi^2/\text{NDF}: 38.3/23$

Right Out: 490.078 ± 397.274 $\chi^2/\text{NDF}: 10.4/21$

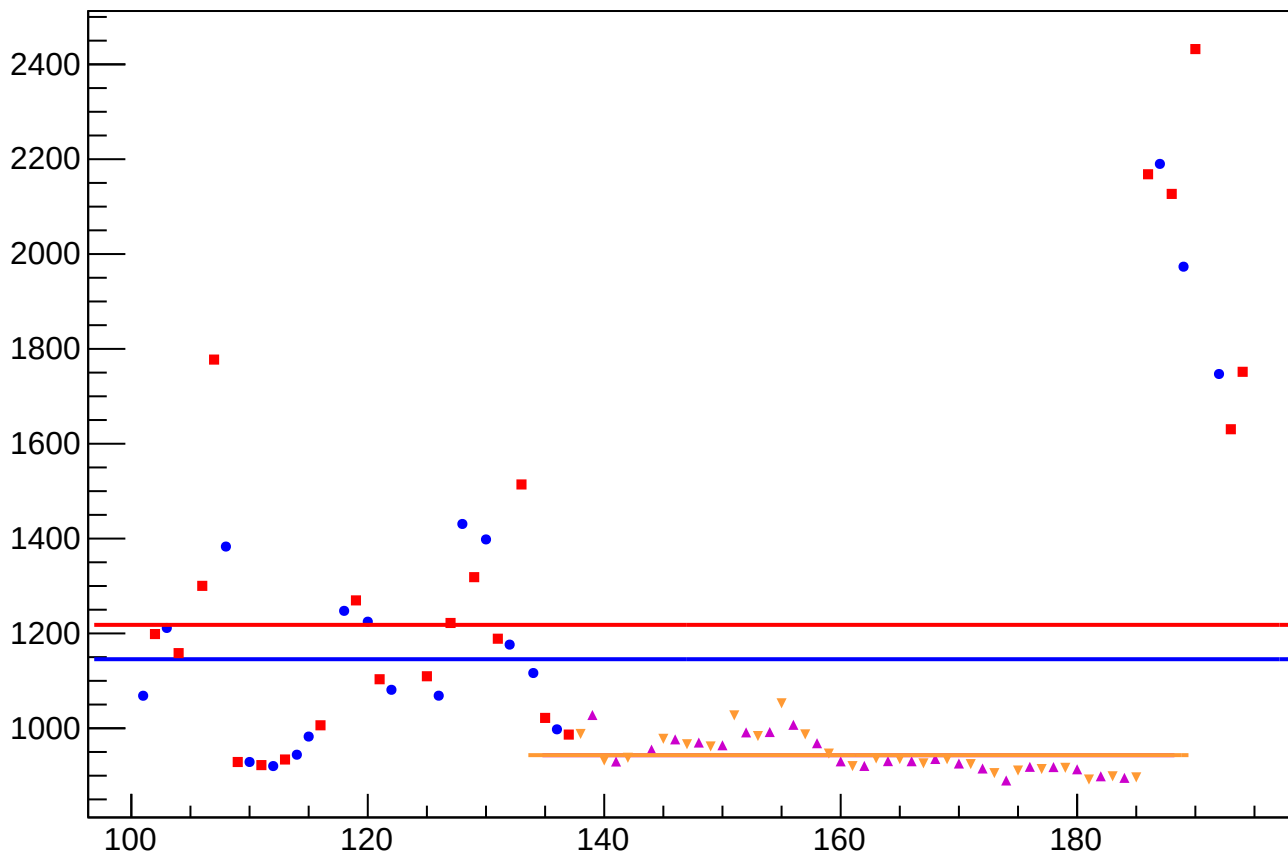
Left In: 212.080 ± 224.701 $\chi^2/\text{NDF}: 23.7/22$

+ sign 177.388 ± 197.906 $\chi^2/\text{NDF}: 56.5/42$

All: 229.026 ± 139.112 $\chi^2/\text{NDF}: 91.1/87$

- sign 279.459 ± 195.584 $\chi^2/\text{NDF}: 34.5/44$

asym_us_dd_rms vs Slug



Right In: 1145.617+/-0.297 χ^2/NDF : 607954.5/18

Left Out: 943.327+/-0.159 χ^2/NDF : 60410.5/23

Right Out: 1218.050+/-0.281 χ^2/NDF : 1369599.9/21

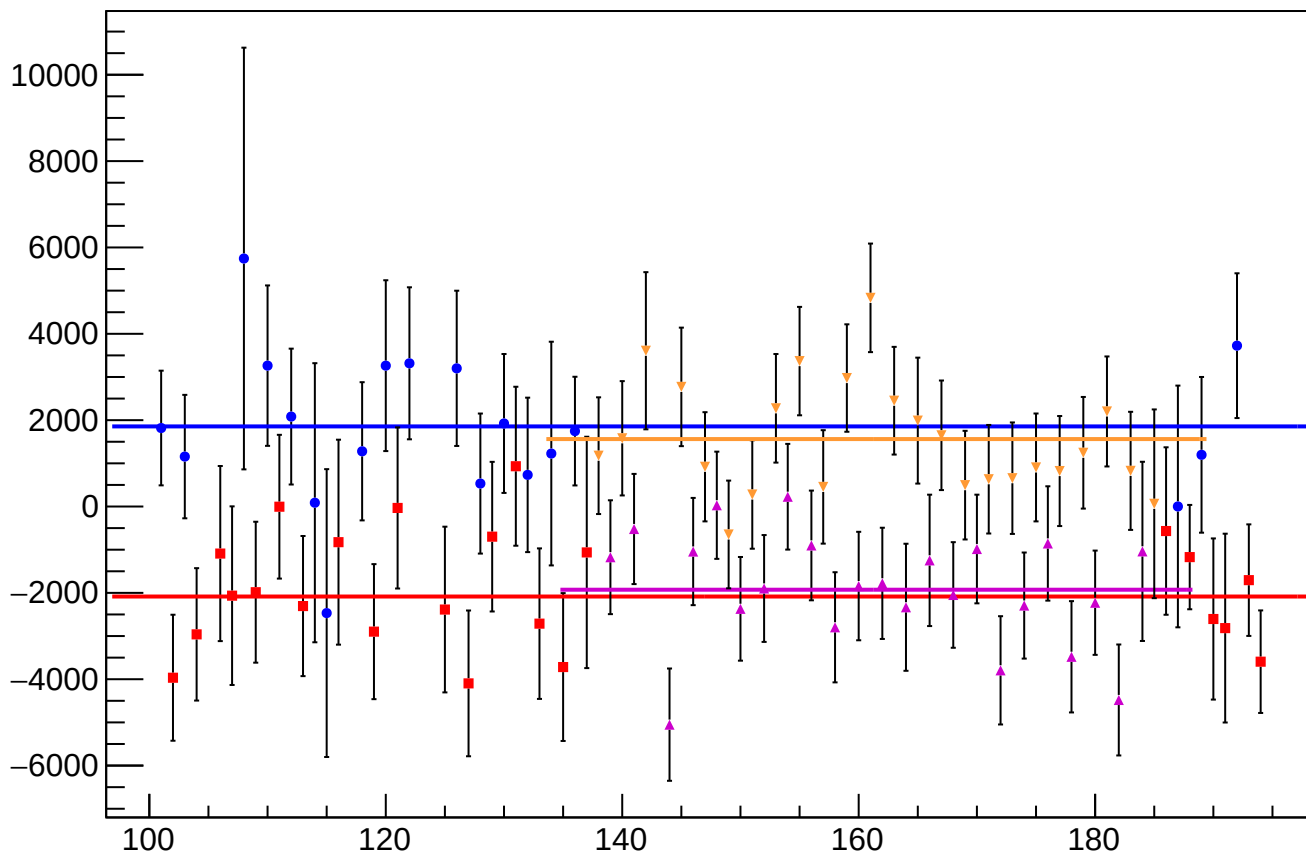
Left In: 943.137+/-0.159 χ^2/NDF : 49948.2/22

+ sign 988.196+/-0.140 χ^2/NDF : 1029044.9/42

All: 999.110+/-0.098 χ^2/NDF : 3186213.7/87

- sign 1009.768+/-0.138 χ^2/NDF : 2145147.5/44

dit_asym_usl_mean vs Slug



Right In: 1855.279 ± 411.474 χ^2/NDF : 8.3/18

Left Out: 1562.090 ± 269.272 χ^2/NDF : 21.8/23

Right Out: -2084.590 ± 349.699 χ^2/NDF : 14.6/22

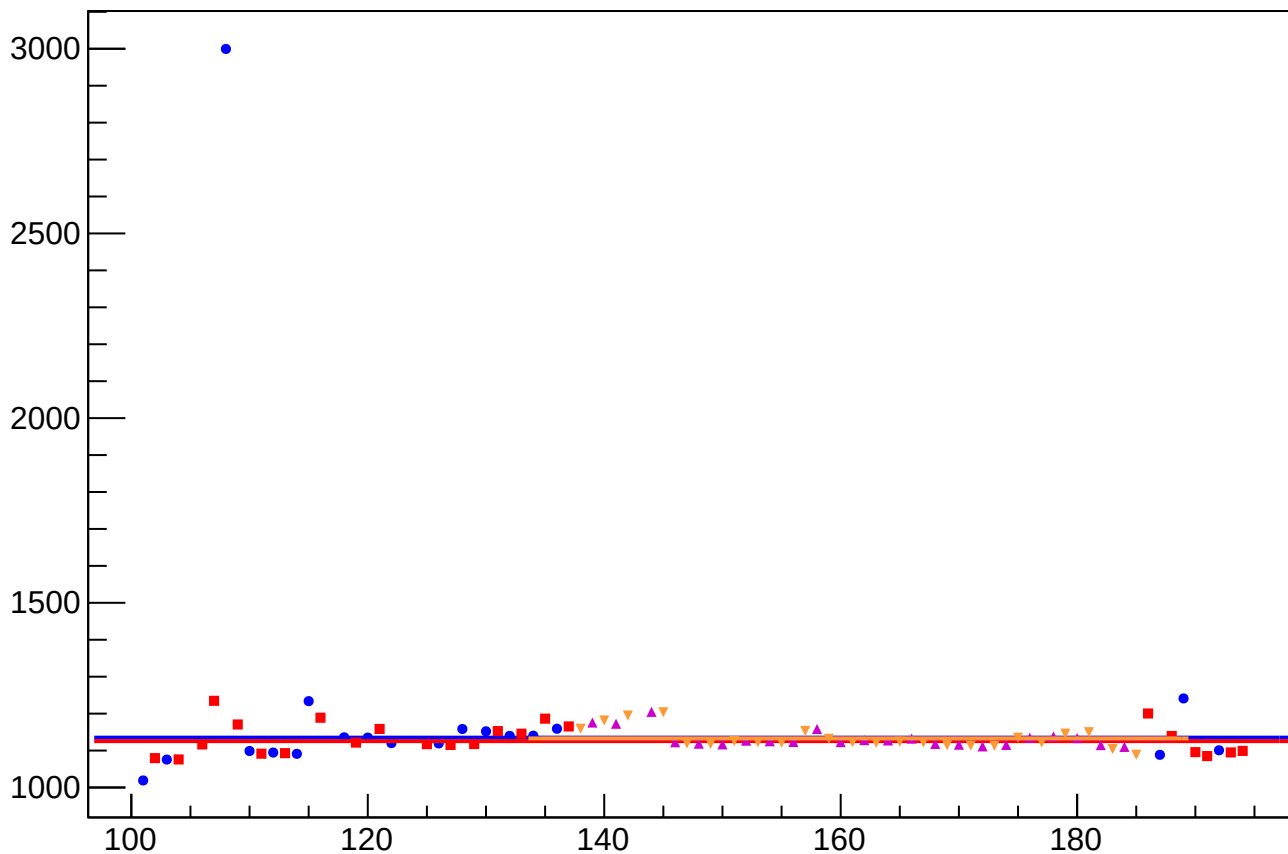
Left In: -1926.929 ± 269.667 χ^2/NDF : 24.1/22

+ sign 1650.001 ± 225.315 χ^2/NDF : 30.4/42

All: -265.275 ± 154.994 χ^2/NDF : 206.4/88

- sign -1985.722 ± 213.547 χ^2/NDF : 38.9/45

dit_asym_usl_rms vs Slug



Right In: 1134.924 $\pm$ 0.291 χ^2 /NDF: 324424.3/18

Left Out: 1132.882 $\pm$ 0.190 χ^2 /NDF: 16786.8/23

Right Out: 1125.525 $\pm$ 0.247 χ^2 /NDF: 25281.8/22

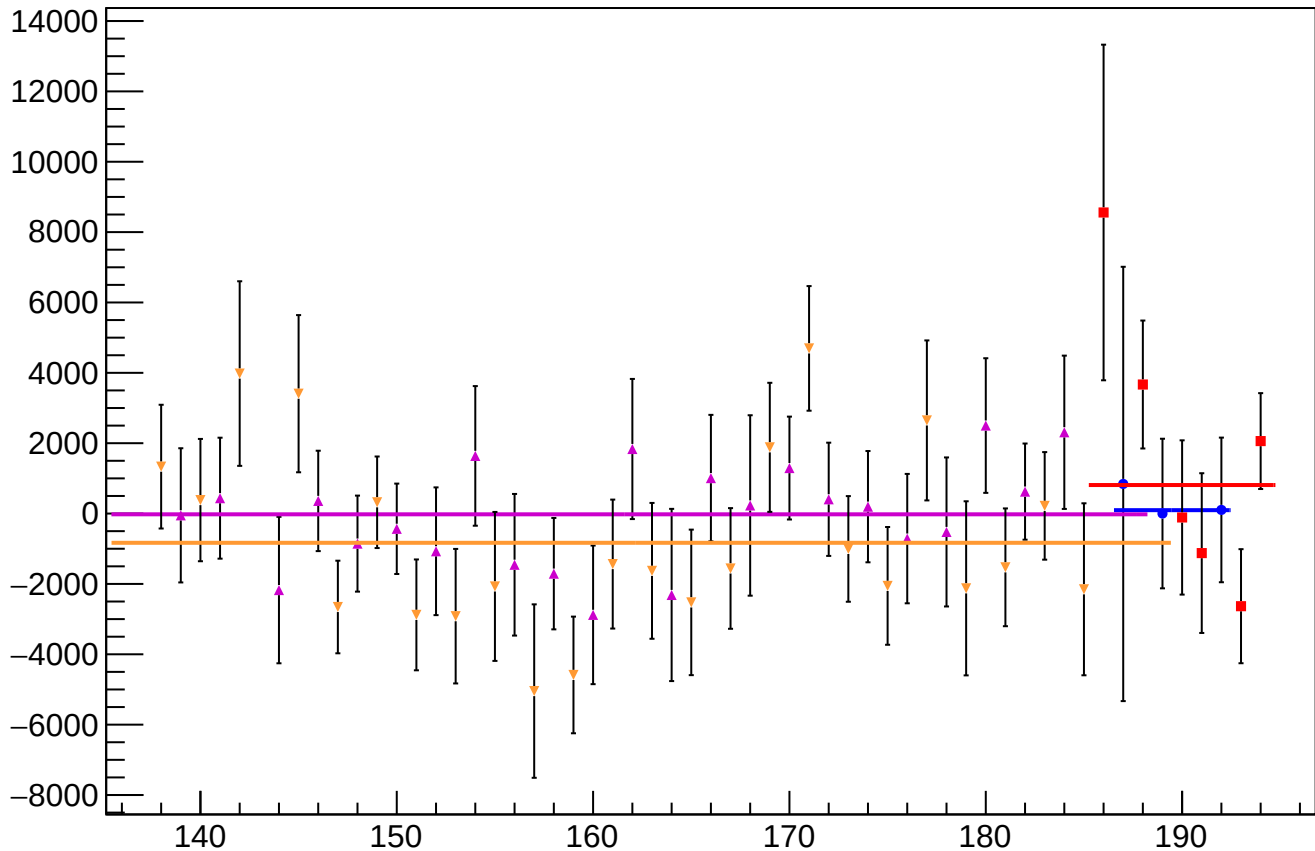
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF: 14524.8/22

+ sign 1133.494 $\pm$ 0.159 χ^2 /NDF: 341245.6/42

All: 1131.624 $\pm$ 0.110 χ^2 /NDF: 381822.9/88

- sign 1129.943 $\pm$ 0.151 χ^2 /NDF: 40315.6/45

asym_usl_correction_mean vs Slug



Right In: 96.501 $\pm$ 1437.230 χ^2/NDF : 0.0/2

Left Out: -830.927 $\pm$ 366.086 χ^2/NDF : 40.1/23

Right Out: 810.961 $\pm$ 774.356 χ^2/NDF : 11.4/5

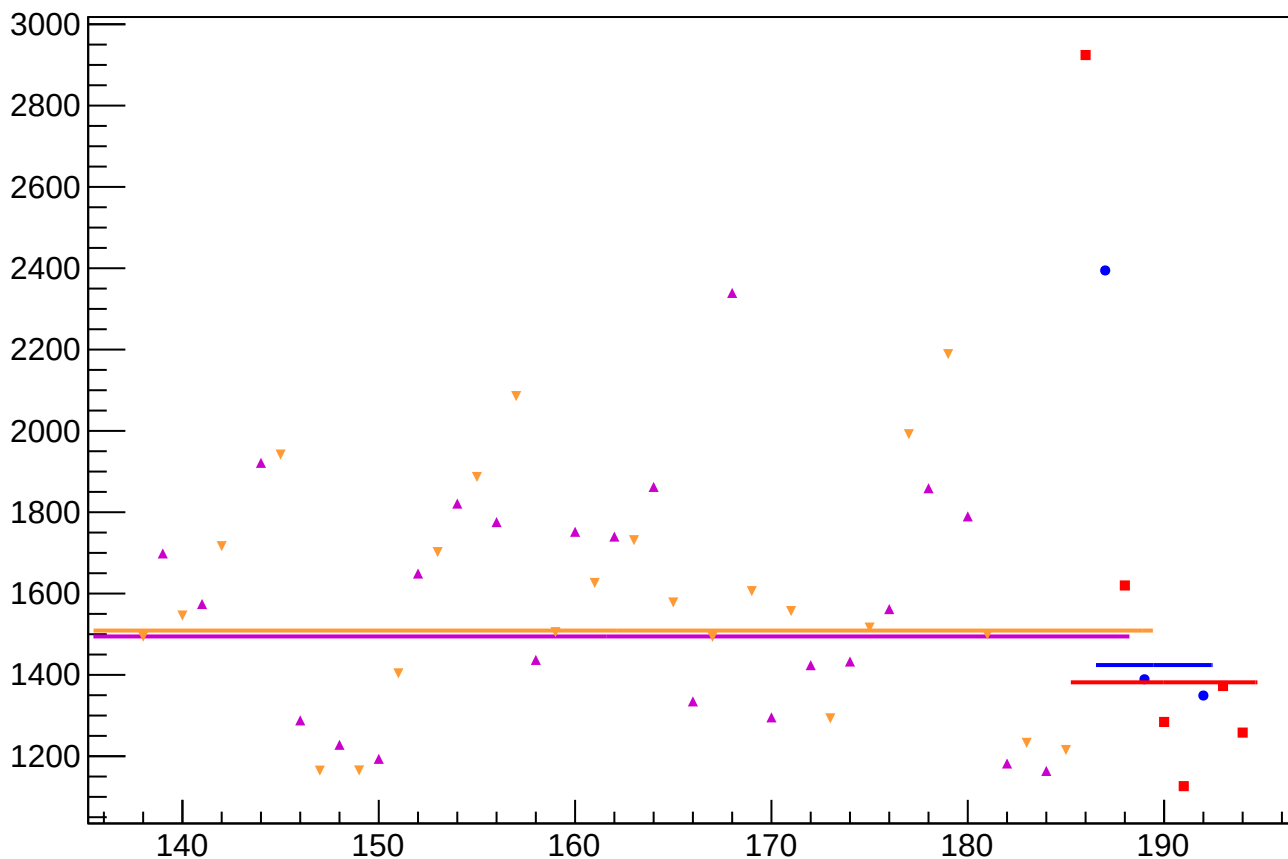
Left In: -21.419 $\pm$ 362.476 χ^2/NDF : 12.8/22

+ sign -774.421 $\pm$ 354.758 χ^2/NDF : 40.5/26

All: -288.191 $\pm$ 240.950 χ^2/NDF : 69.1/55

- sign 128.188 $\pm$ 328.289 χ^2/NDF : 25.1/28

asym_usl_correction_rms vs Slug



Right In: 1424.165+/-1.016 χ^2/NDF : 52635.0/2

Left Out: 1508.993+/-0.259 χ^2/NDF : 988673.2/23

Right Out: 1381.709+/-0.548 χ^2/NDF : 289293.2/5

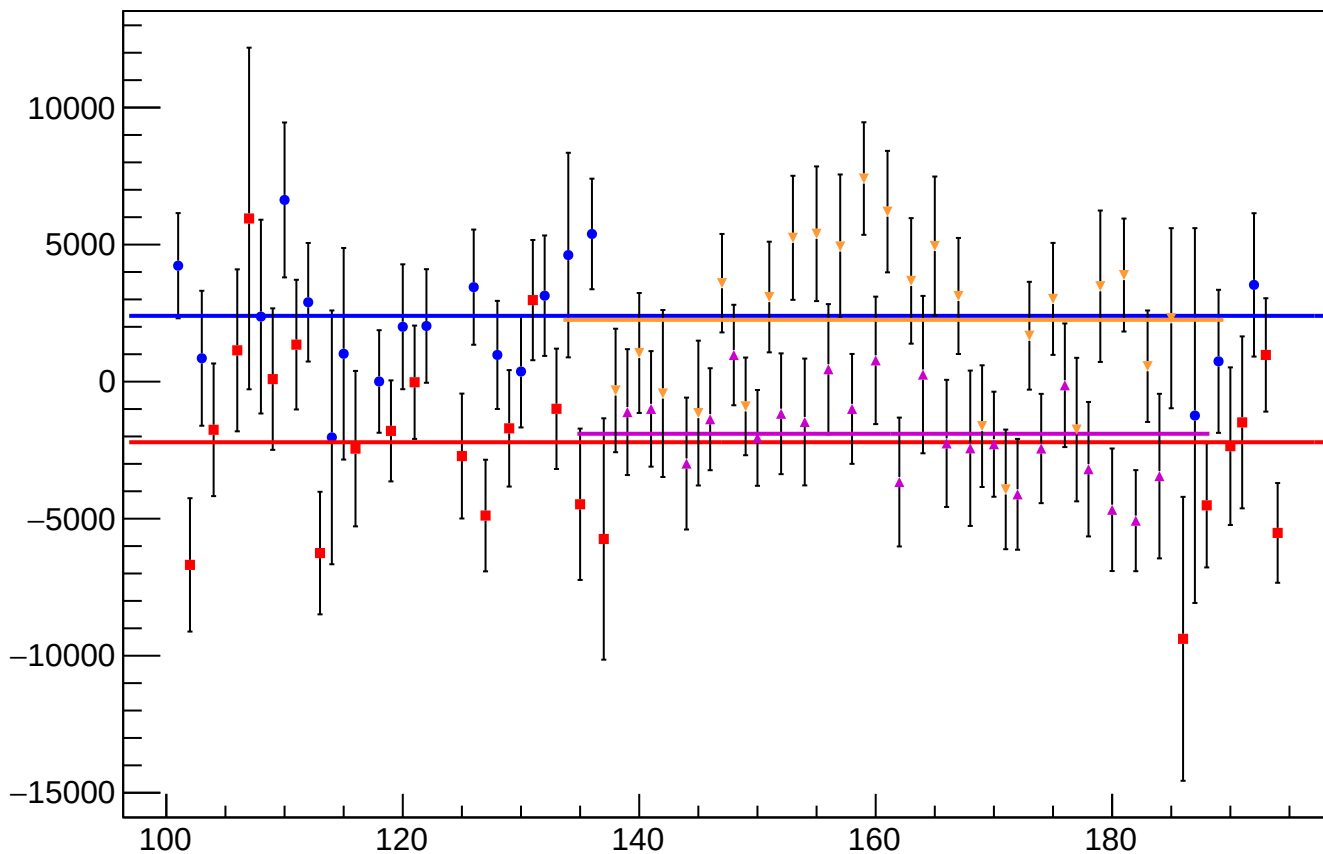
Left In: 1494.507+/-0.256 χ^2/NDF : 1096280.5/22

+ sign 1503.824+/-0.251 χ^2/NDF : 1047850.7/26

All: 1487.884+/-0.170 χ^2/NDF : 2475730.2/55

- sign 1474.233+/-0.232 χ^2/NDF : 1420383.6/28

asym_usl_mean vs Slug



Right In: 2400.284+/-555.261 χ^2/NDF : 11.6/18

Left Out: 2253.979+/-456.390 χ^2/NDF : 38.7/23

Right Out: -2210.573+/-506.047 χ^2/NDF : 31.7/22

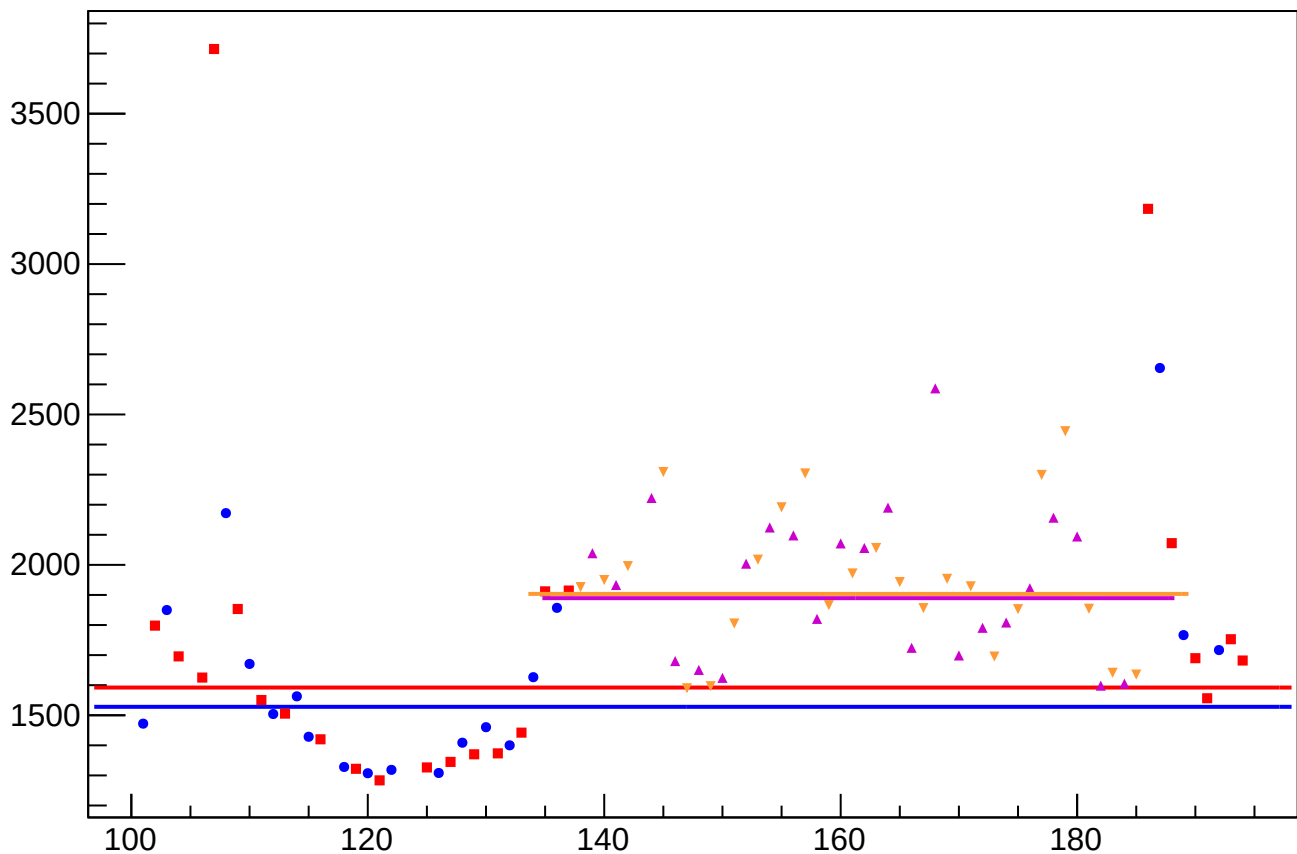
Left In: -1901.797+/-453.879 χ^2/NDF : 13.9/22

+ sign 2312.968+/-352.576 χ^2/NDF : 50.4/42

All: 44.185+/-243.949 χ^2/NDF : 175.5/88

- sign -2039.454+/-337.884 χ^2/NDF : 45.7/45

asym_usl_rms vs Slug



Right In: 1528.085+/-0.393 χ^2/NDF : 345322.6/18

Left Out: 1903.456+/-0.323 χ^2/NDF : 461899.8/23

Right Out: 1592.165+/-0.358 χ^2/NDF : 812586.6/22

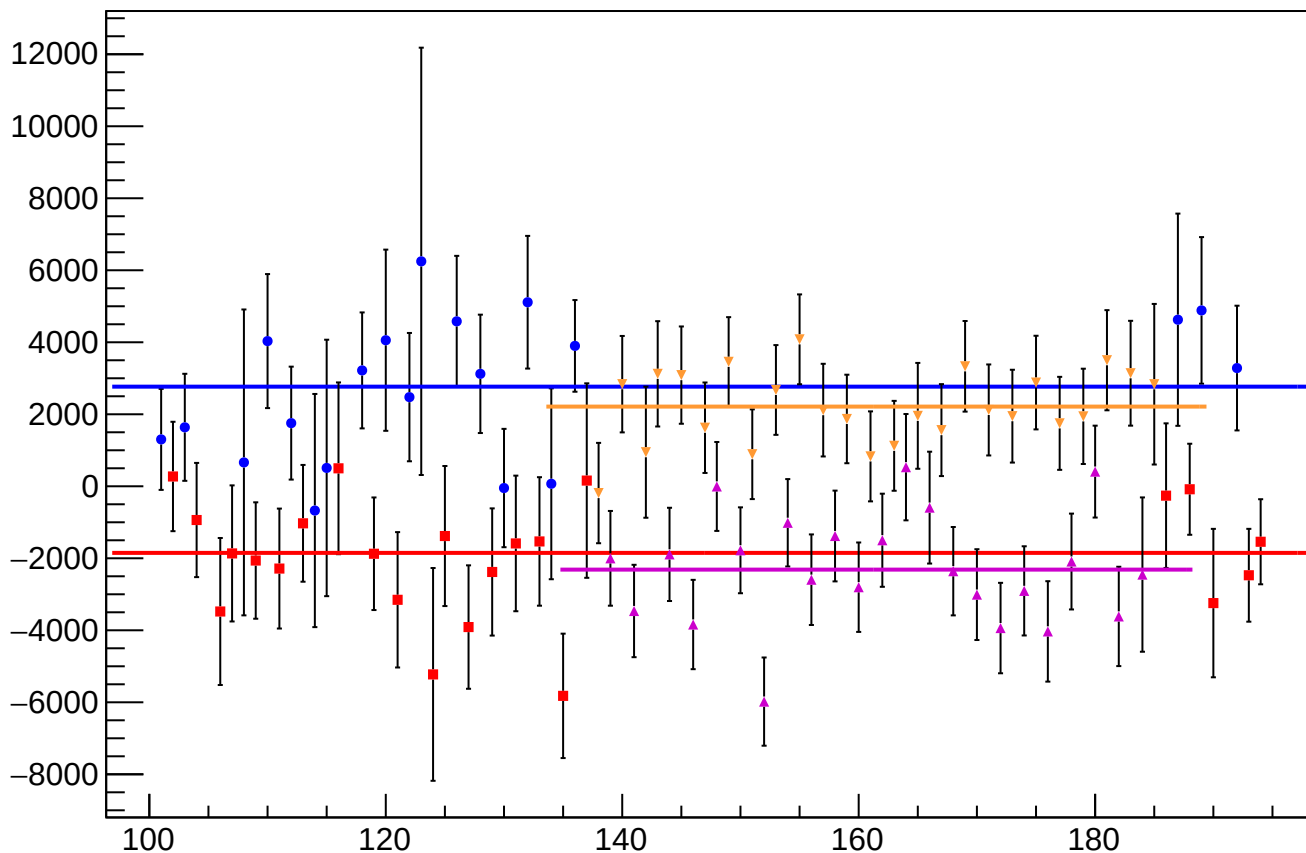
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1752.109+/-0.249 χ^2/NDF : 1352720.3/42

All: 1754.579+/-0.172 χ^2/NDF : 3056341.1/88

- sign 1756.848+/-0.239 χ^2/NDF : 1703432.5/45

dit_asym_usr_mean vs Slug



Right In: 2767.223 $\pm$ 424.148 χ^2 /NDF: 14.0/19

Left Out: 2213.308 $\pm$ 266.921 χ^2 /NDF:14.2/24

Right Out: -1850.092 $\pm$ 356.330 χ^2 /NDF: 16.8/22

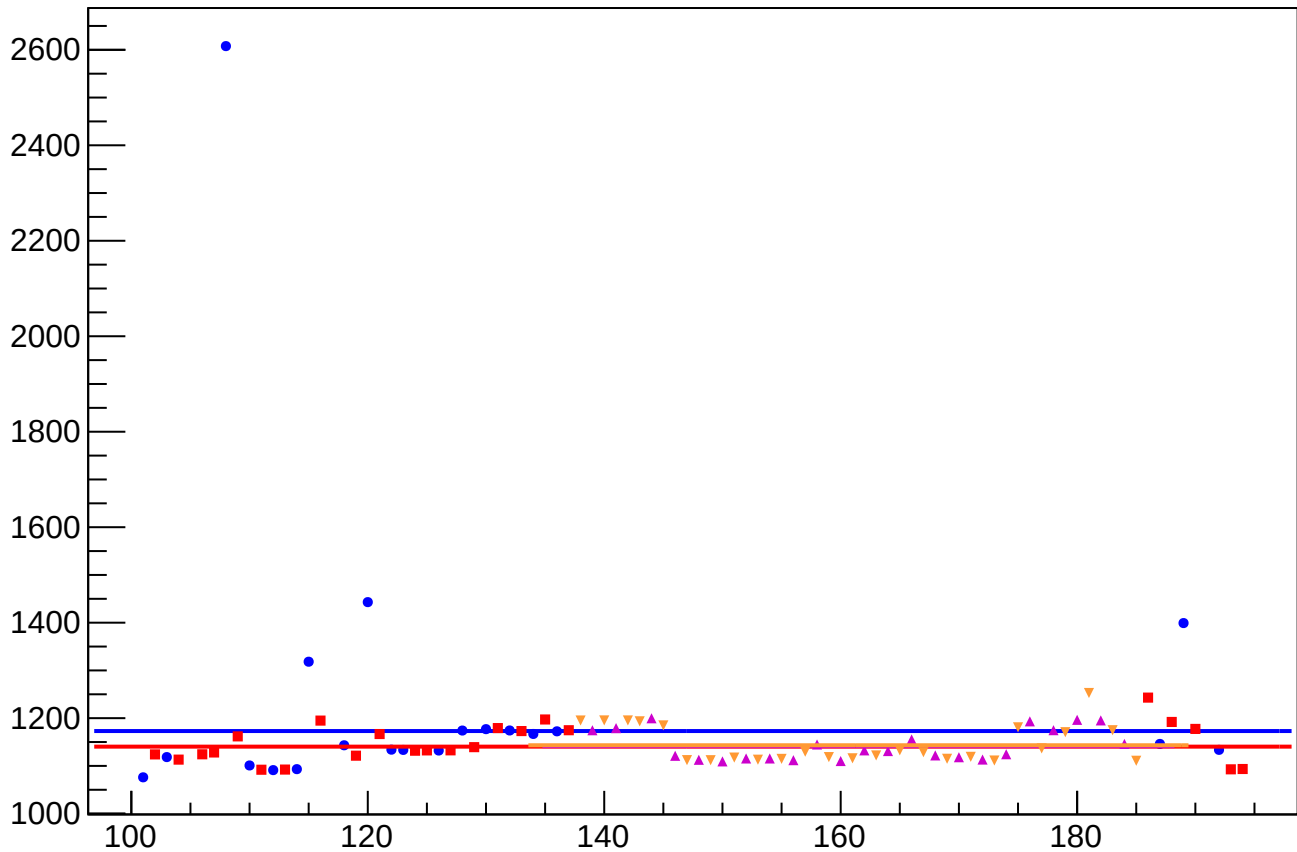
Left In: -2314.778 $\pm$ 271.873 χ^2 /NDF:31.6/22

+ sign 2370.446 $\pm$ 225.910 χ^2 /NDF: 29.4/44

All: 13.644 $\pm$ 156.175 χ^2 /NDF: 287.4/90

- sign -2143.799 $\pm$ 216.144 χ^2 /NDF: 49.5/45

dit_asym_usr_rms vs Slug



Right In: 1173.016 $\pm$ 0.300 χ^2 /NDF: 305053.6/19

Left Out: 1143.249 $\pm$ 0.189 χ^2 /NDF: 39493.3/24

Right Out: 1140.354 $\pm$ 0.252 χ^2 /NDF: 25740.3/22

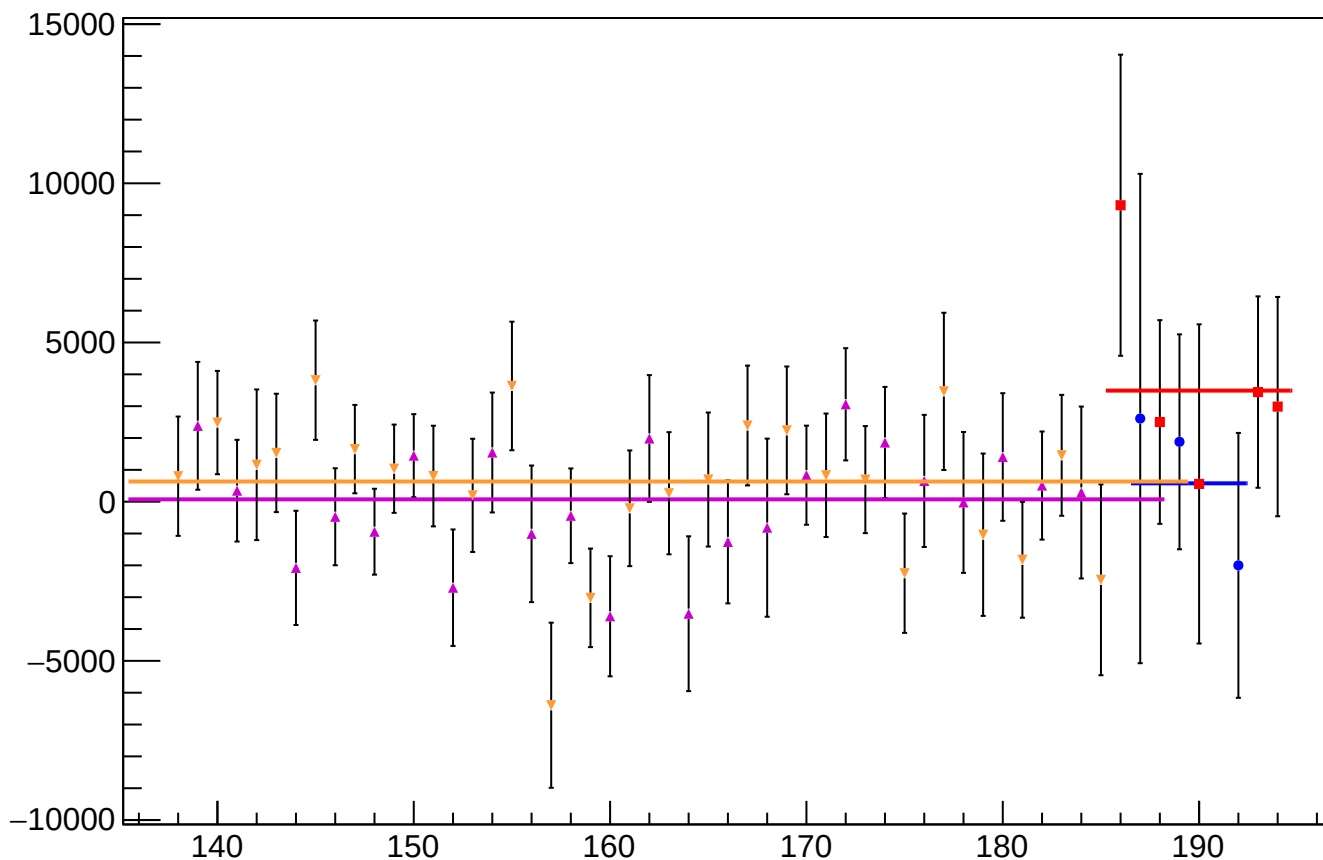
Left In: 1141.363 $\pm$ 0.192 χ^2 /NDF: 28014.9/22

+ sign 1151.694 $\pm$ 0.160 χ^2 /NDF: 351603.0/44

All: 1146.106 $\pm$ 0.110 χ^2 /NDF: 407711.7/90

- sign 1140.992 $\pm$ 0.153 χ^2 /NDF: 53765.4/45

asym_usr_correction_mean vs Slug



Right In: 576.316 $\pm$ 2481.057 χ^2 /NDF: 0.6/2

Left Out: 633.748 $\pm$ 371.934 χ^2 /NDF:29.3/24

Right Out: 3488.841 $\pm$ 1628.444 χ^2 /NDF: 2.0/4

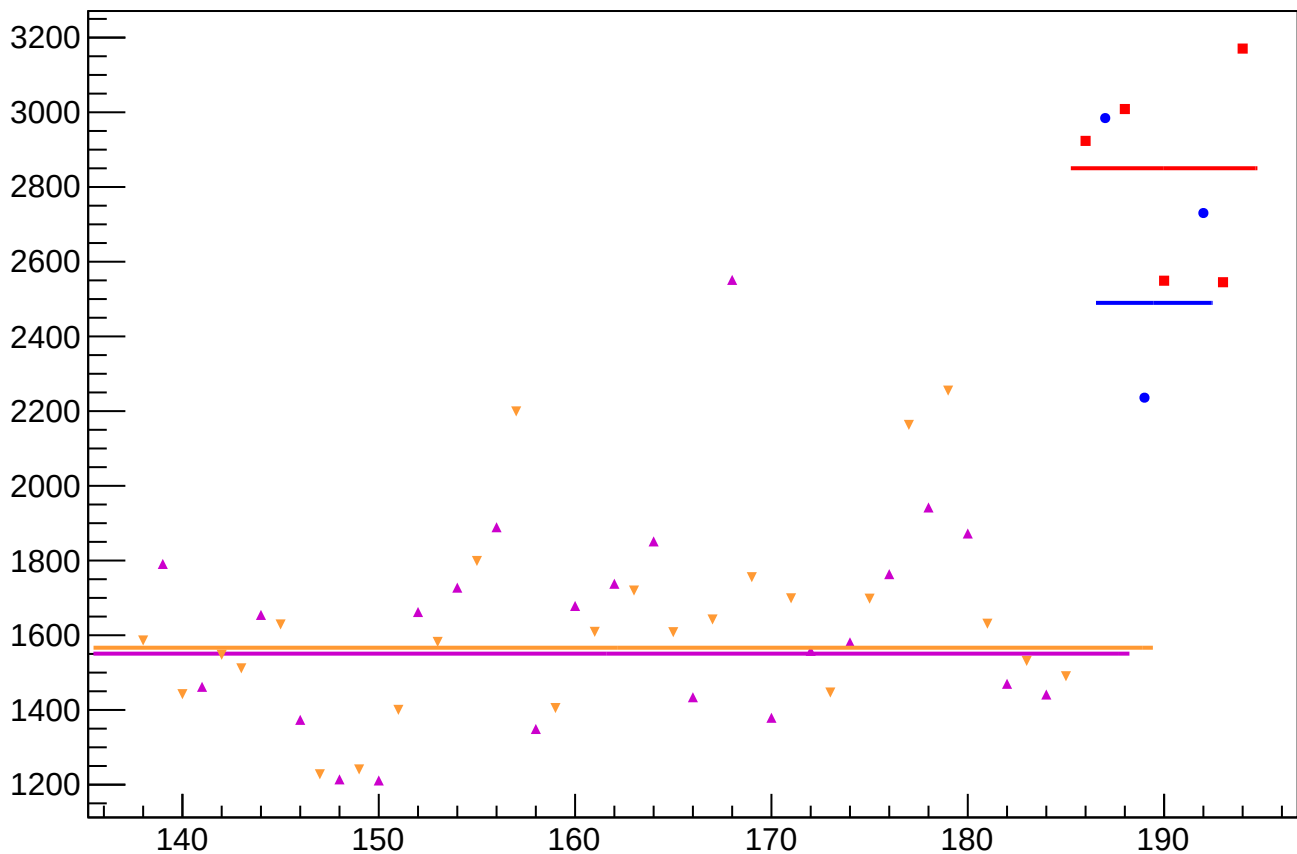
Left In: 72.962 $\pm$ 375.277 χ^2 /NDF:20.1/22

+ sign 632.485 $\pm$ 367.824 χ^2 /NDF: 29.9/27

All: 437.729 $\pm$ 259.334 χ^2 /NDF: 56.7/55

- sign 245.223 $\pm$ 365.692 χ^2 /NDF: 26.3/27

asym_usr_correction_rms vs Slug



Right In: 2489.822+/-1.754 χ^2/NDF : 26276.0/2

Left Out: 1566.626+/-0.263 χ^2/NDF : 766955.2/24

Right Out: 2850.218+/-1.151 χ^2/NDF : 50504.3/4

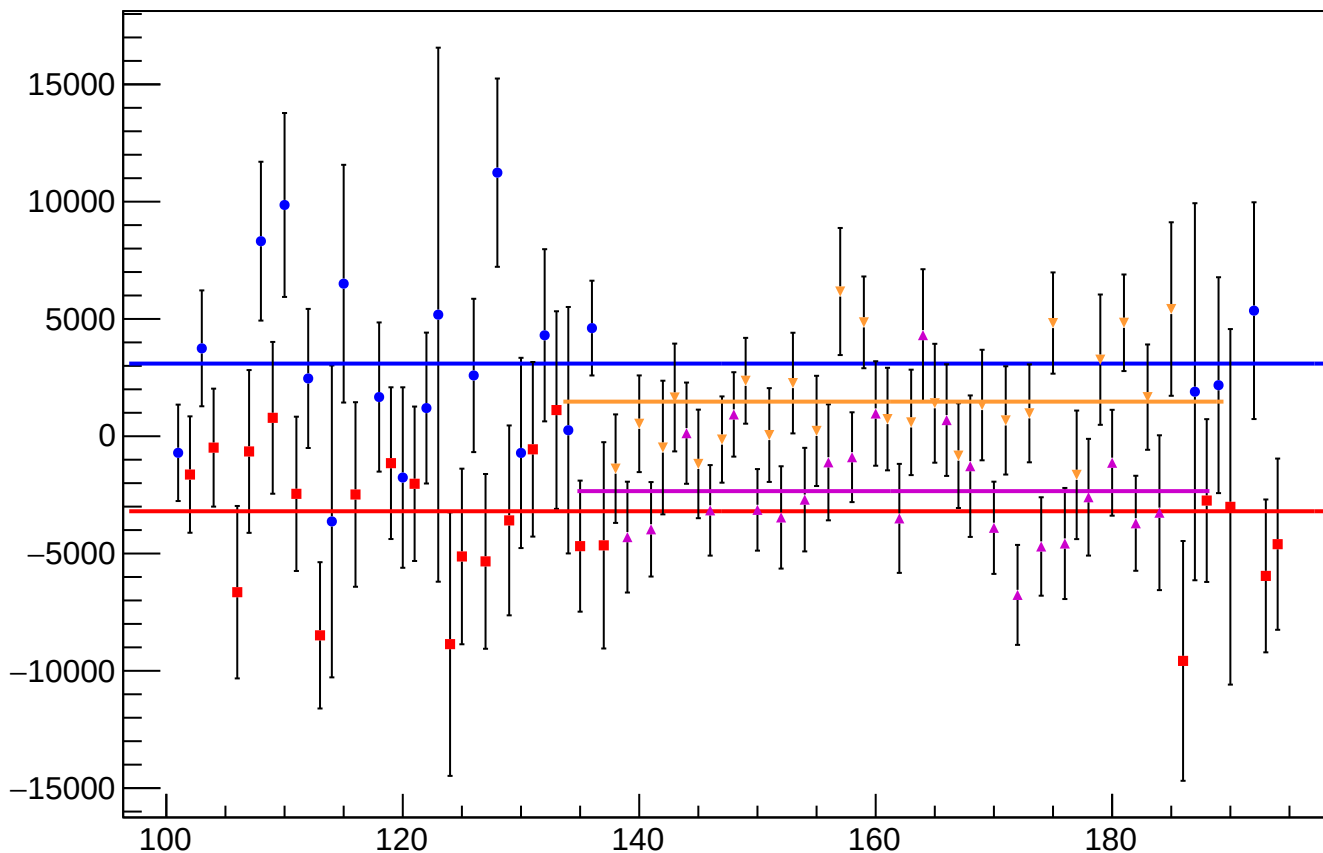
Left In: 1550.750+/-0.265 χ^2/NDF : 928652.8/22

+ sign 1586.917+/-0.260 χ^2/NDF : 1064058.4/27

All: 1601.684+/-0.183 χ^2/NDF : 3258950.1/55

- sign 1616.281+/-0.259 χ^2/NDF : 2188481.4/27

asym_usr_mean vs Slug



Right In: 3097.238 $\pm$ 771.307 χ^2 /NDF: 18.8/19

Left Out: 1475.648 $\pm$ 451.347 χ^2 /NDF:20.9/24

Right Out: -3197.747 $\pm$ 730.569 χ^2 /NDF: 14.0/22

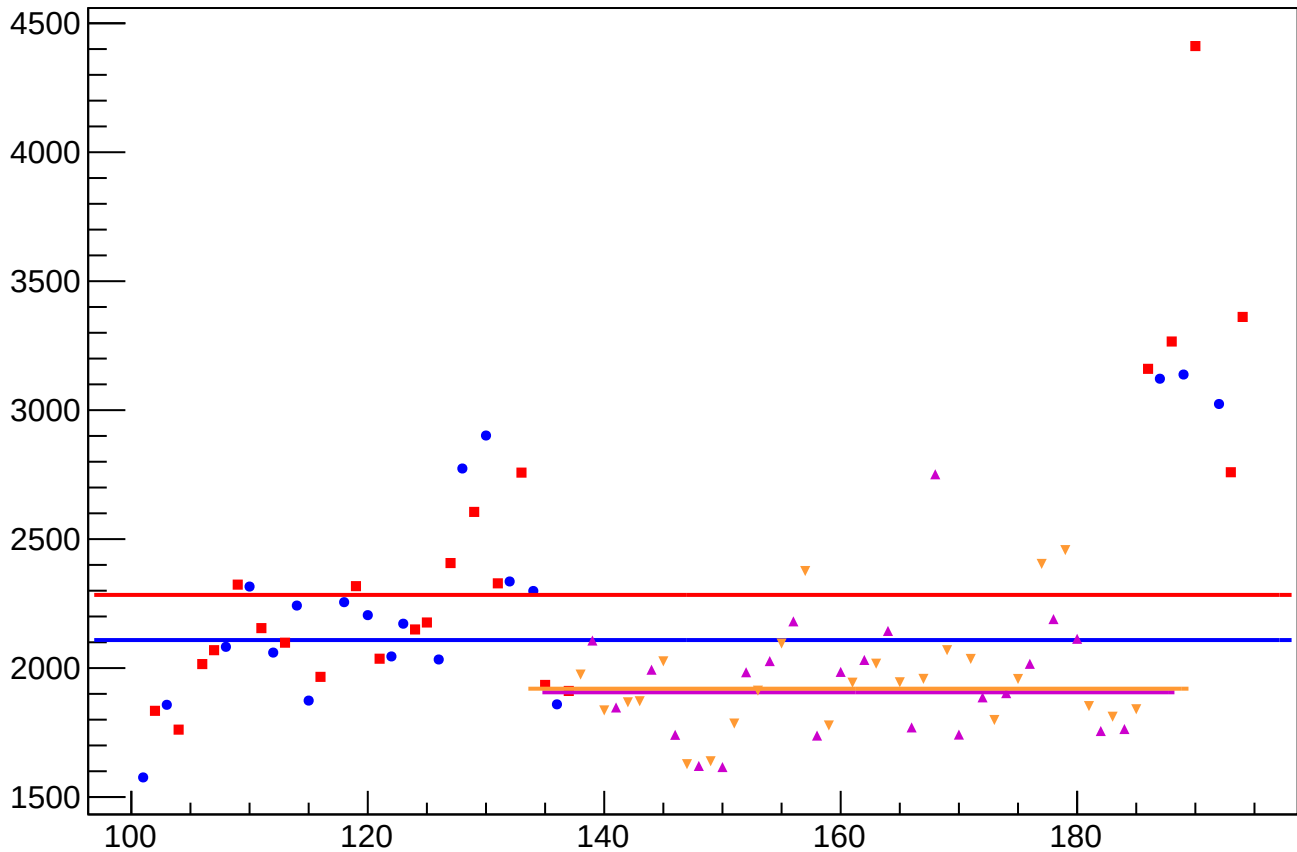
Left In: -2339.905 $\pm$ 457.448 χ^2 /NDF:25.2/22

+ sign 1889.284 $\pm$ 389.552 χ^2 /NDF: 43.0/44

All: -356.685 $\pm$ 274.803 χ^2 /NDF: 149.4/90

- sign -2581.511 $\pm$ 387.714 χ^2 /NDF: 40.2/45

asym_usr_rms vs Slug



Right In: 2108.643 $\pm$ 0.545 χ^2 /NDF: 556340.8/19

Left Out: 1920.082 $\pm$ 0.319 χ^2 /NDF: 365919.7/24

Right Out: 2283.683 $\pm$ 0.517 χ^2 /NDF: 887824.3/22

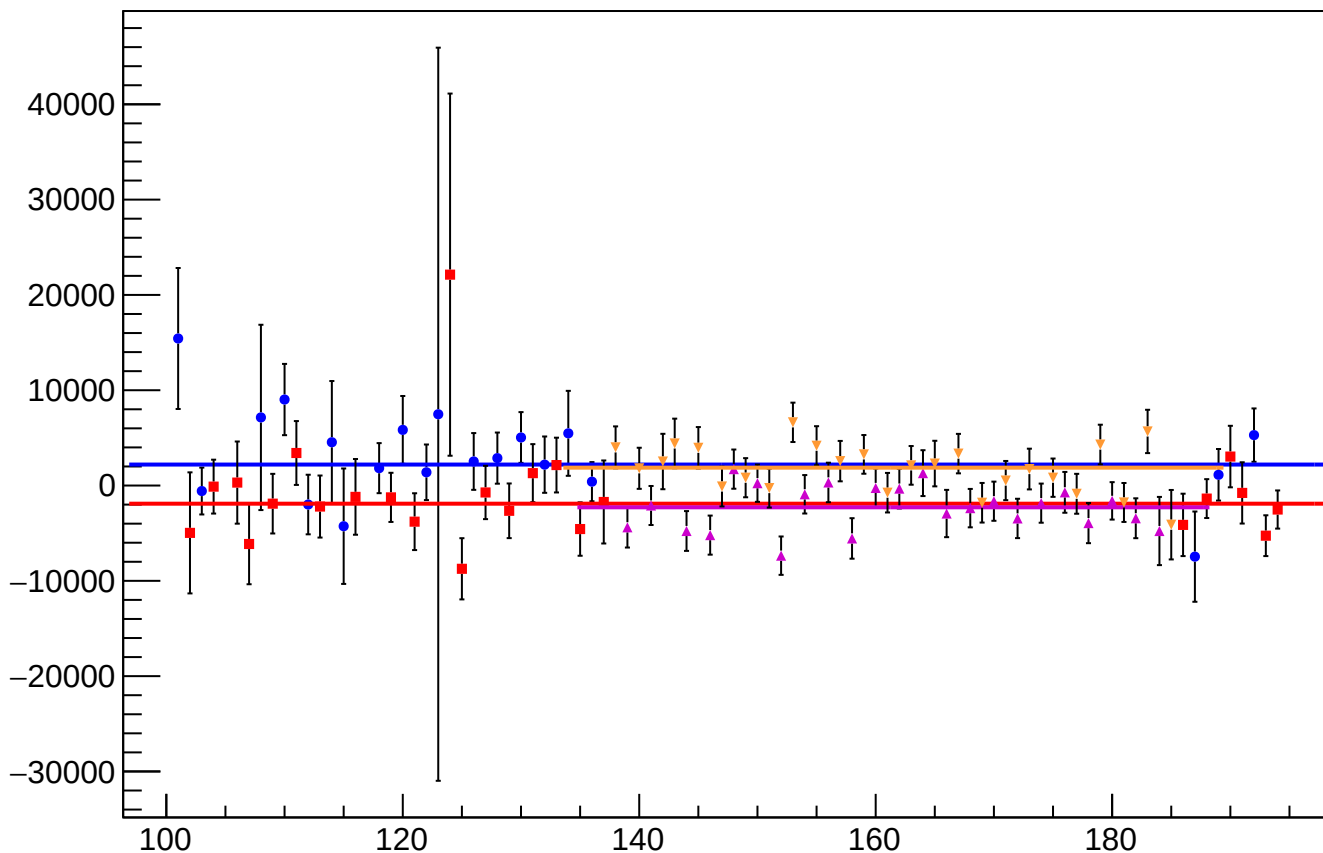
Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF: 451054.7/22

+ sign 1968.180 $\pm$ 0.275 χ^2 /NDF: 1011300.9/44

All: 1990.396 $\pm$ 0.194 χ^2 /NDF: 2747014.6/90

- sign 2012.403 $\pm$ 0.274 χ^2 /NDF: 1722765.6/45

dit_asym_at1_avg_mean vs Slug



Right In: 2201.287 $\pm$ 732.130 χ^2 /NDF: 20.4/19

Left Out: 1875.290 $\pm$ 433.245 χ^2 /NDF:30.0/24

Right Out: -1905.056 $\pm$ 617.241 χ^2 /NDF: 20.9/23

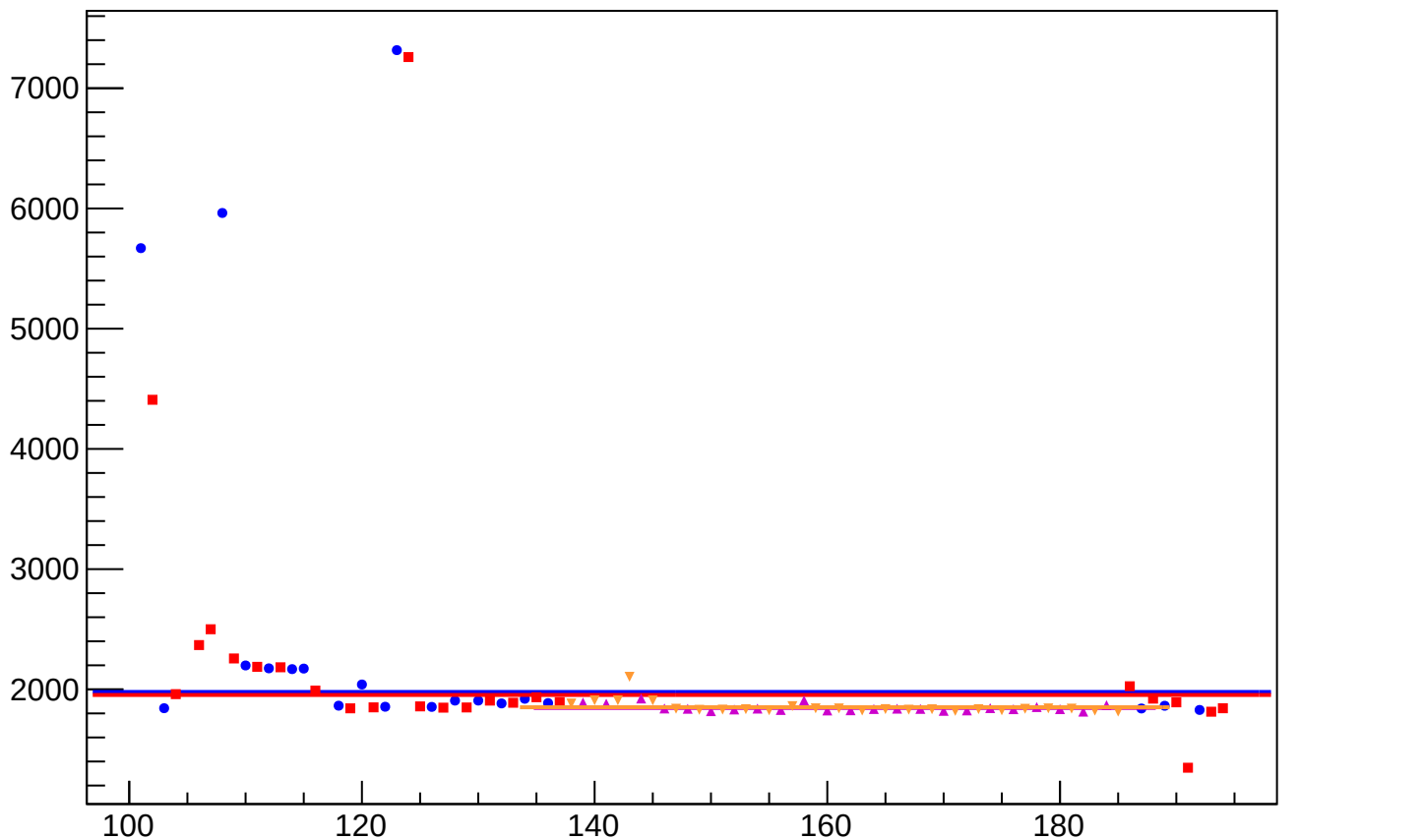
Left In: -2286.268 $\pm$ 441.005 χ^2 /NDF:27.3/22

+ sign 1959.840 $\pm$ 372.853 χ^2 /NDF: 50.5/44

All: -177.689 $\pm$ 258.546 χ^2 /NDF: 162.3/91

- sign -2157.435 $\pm$ 358.828 χ^2 /NDF: 48.5/46

dit_asym_at1_avg_rms vs Slug



Right In: 1978.306+/-0.518 χ^2/NDF : 929135.0/19

Left Out: 1851.066+/-0.306 χ^2/NDF : 26251.6/24

Right Out: 1953.497+/-0.436 χ^2/NDF : 648720.6/23

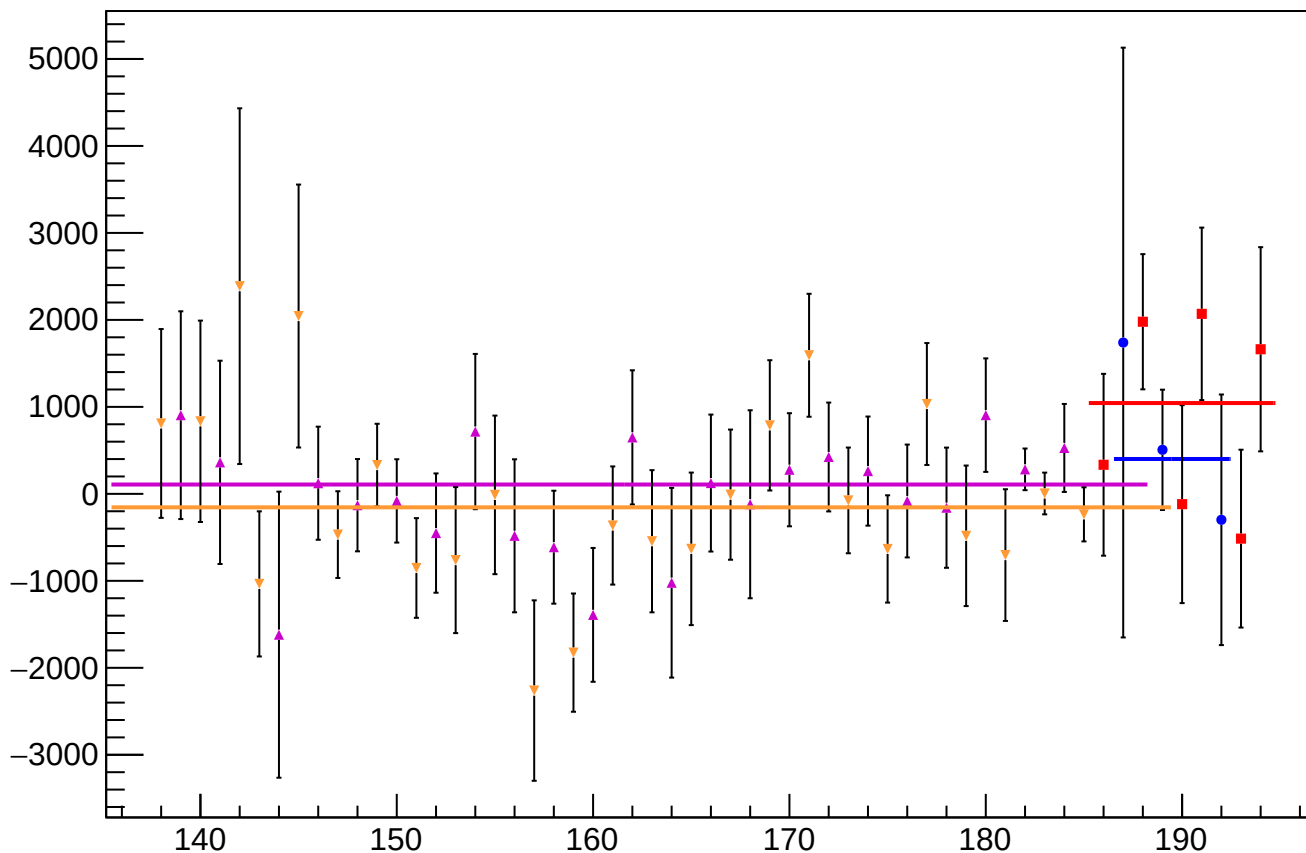
Left In: 1845.411+/-0.312 χ^2/NDF : 8318.8/22

+ sign 1884.067+/-0.264 χ^2/NDF : 1000127.9/44

All: 1882.962+/-0.183 χ^2/NDF : 1697802.7/91

- sign 1881.940+/-0.254 χ^2/NDF : 697641.0/46

asym_at1_avg_correction_mean vs Slug



Right In: 400.965 $\pm$ 613.061 χ^2 /NDF: 0.4/2

Left Out: -154.845 $\pm$ 119.654 χ^2 /NDF:33.0/24

Right Out: 1044.065 $\pm$ 406.782 χ^2 /NDF: 6.6/5

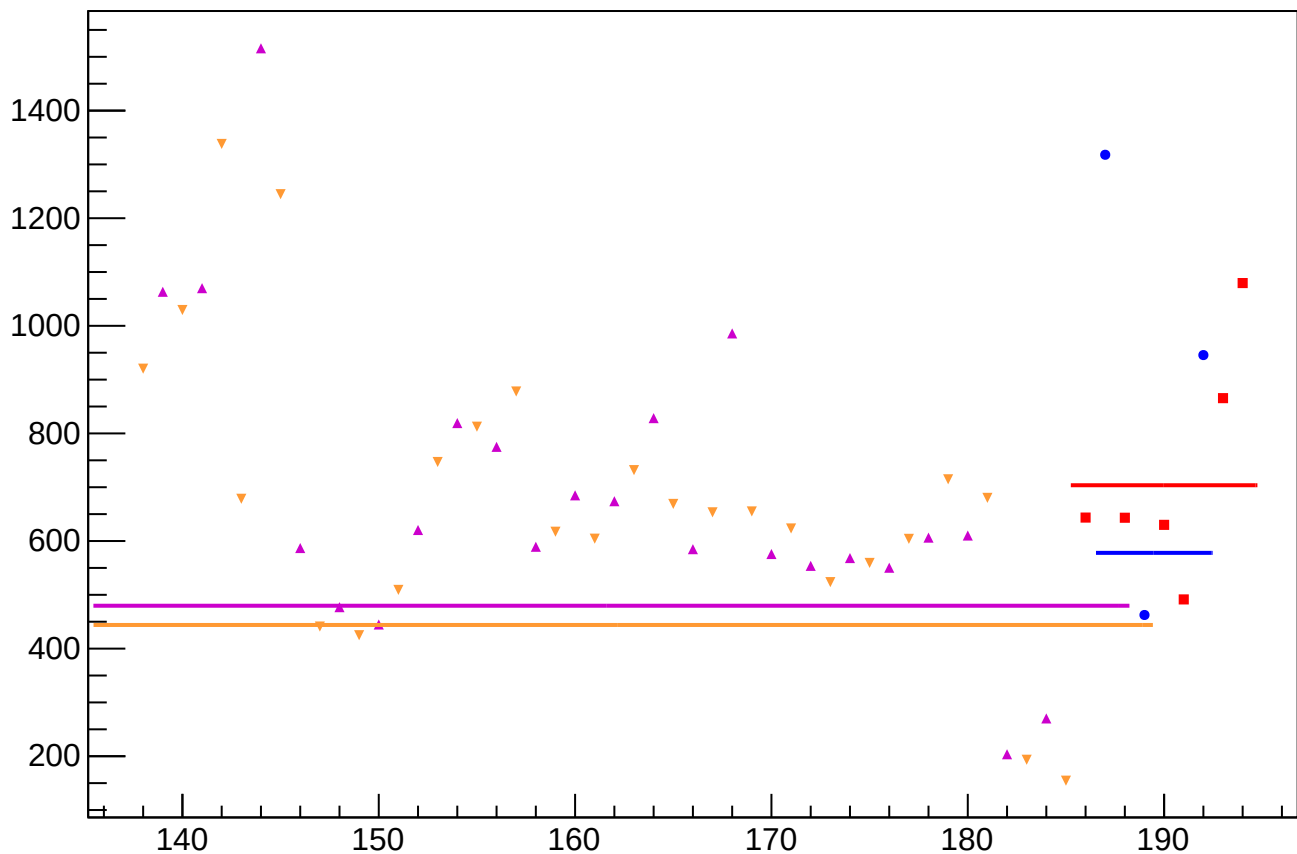
Left In: 107.387 $\pm$ 127.580 χ^2 /NDF:13.5/22

+ sign -134.450 $\pm$ 117.438 χ^2 /NDF: 34.2/27

All: 22.564 $\pm$ 84.519 χ^2 /NDF: 62.8/56

- sign 191.273 $\pm$ 121.733 χ^2 /NDF: 25.0/28

asym_at1_avg_correction_rms vs Slug



Right In: 577.994 $\pm$ 0.433 χ^2/NDF : 281297.1/2

Left Out: 443.961 $\pm$ 0.085 χ^2/NDF : 8573133.3/24

Right Out: 703.674 $\pm$ 0.288 χ^2/NDF : 373898.4/5

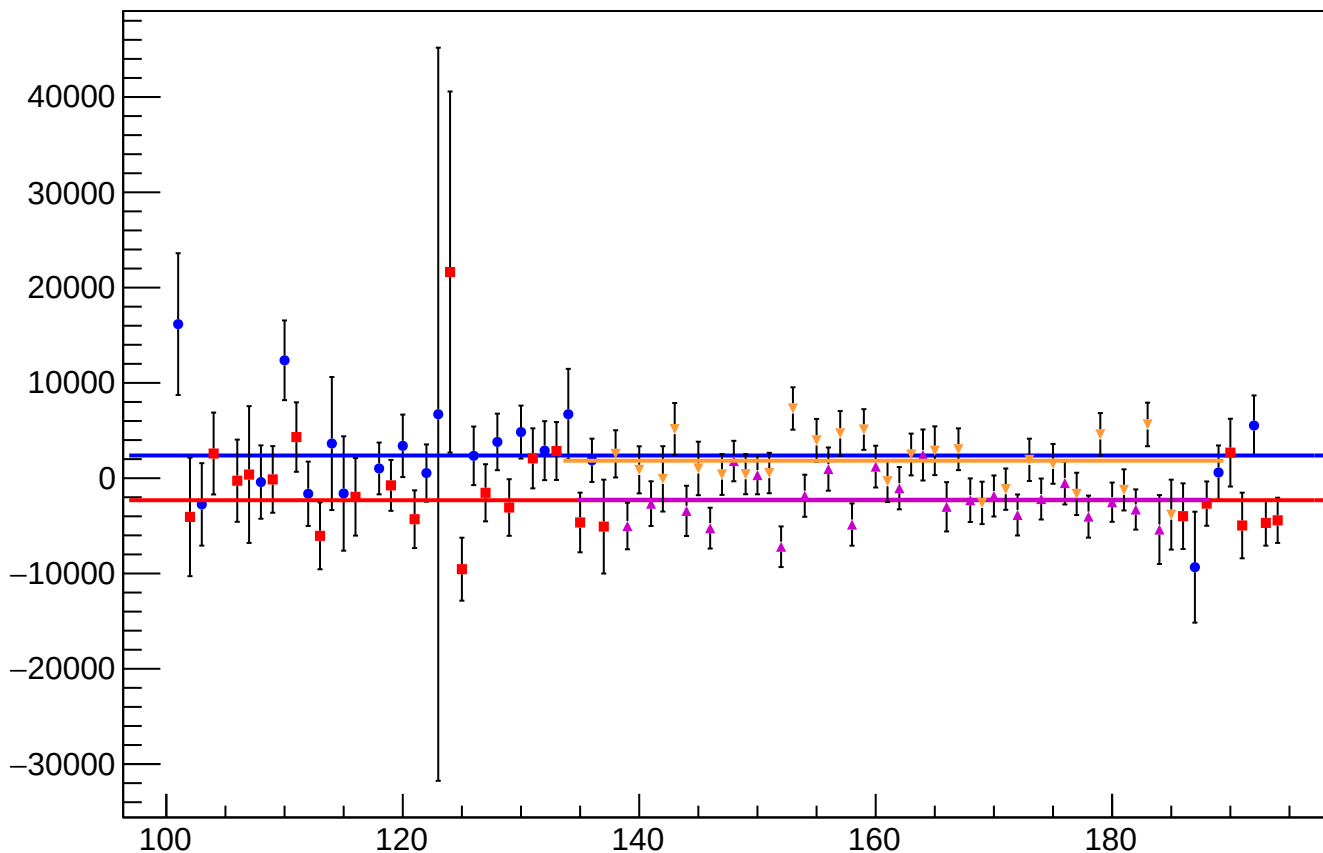
Left In: 479.723 $\pm$ 0.090 χ^2/NDF : 6734597.7/22

+ sign 448.880 $\pm$ 0.083 χ^2/NDF : 8946519.6/27

All: 473.416 $\pm$ 0.060 χ^2/NDF : 16788026.0/50

- sign 499.779 $\pm$ 0.086 χ^2/NDF : 7660405.5/28

asym_at1_avg_mean vs Slug



Right In: 2382.147 $\pm$ 786.054 χ^2 /NDF: 21.1/19

Left Out: 1834.720 $\pm$ 463.777 χ^2 /NDF:32.8/24

Right Out: -2310.923 $\pm$ 680.473 χ^2 /NDF: 24.2/23

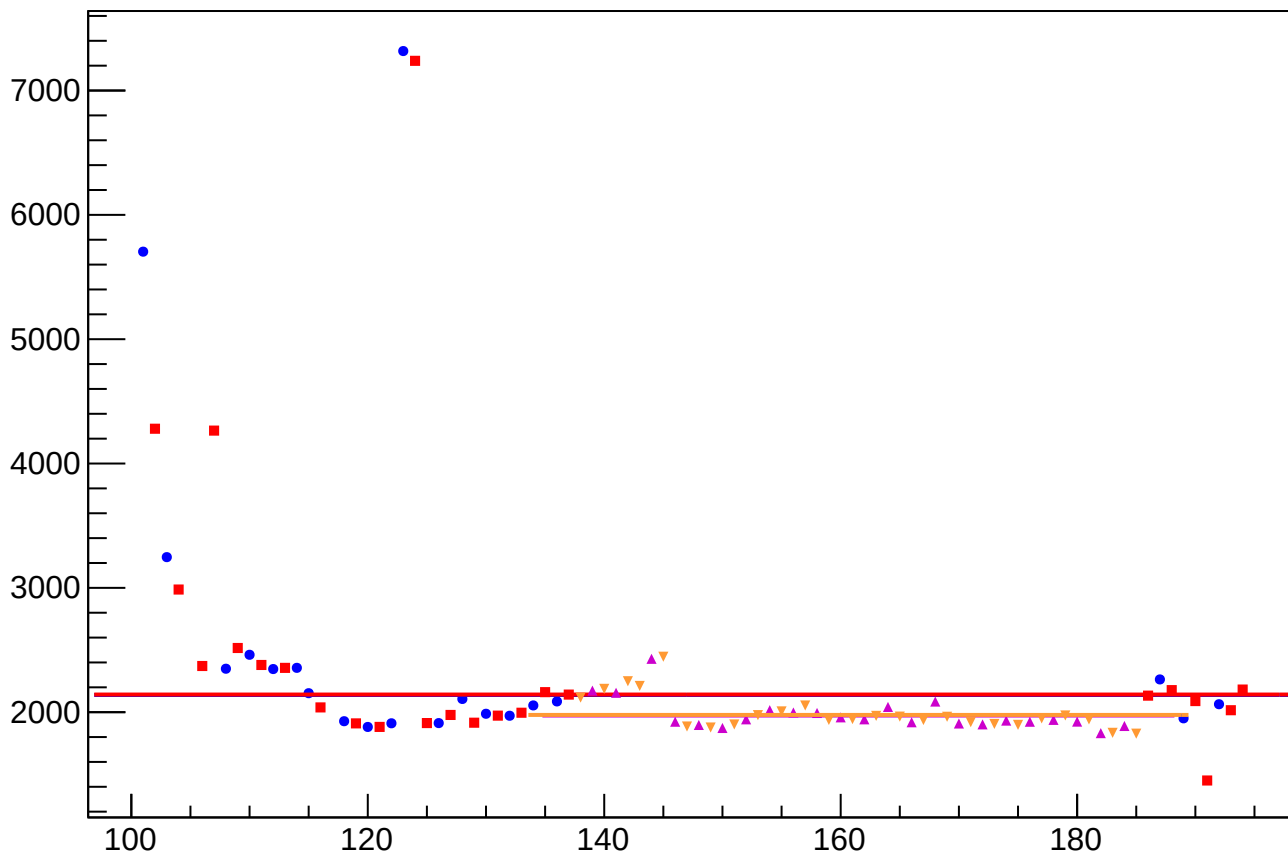
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

+ sign 1976.076 $\pm$ 399.436 χ^2 /NDF: 54.2/44

All: -211.976 $\pm$ 278.317 χ^2 /NDF: 163.1/91

- sign -2276.677 $\pm$ 388.013 χ^2 /NDF: 50.6/46

asym_at1_avg_rms vs Slug



Right In: 2138.329+/-0.556 χ^2/NDF : 725705.3/19

Left Out: 1978.045+/-0.328 χ^2/NDF : 137699.3/24

Right Out: 2141.892+/-0.481 χ^2/NDF : 834652.3/23

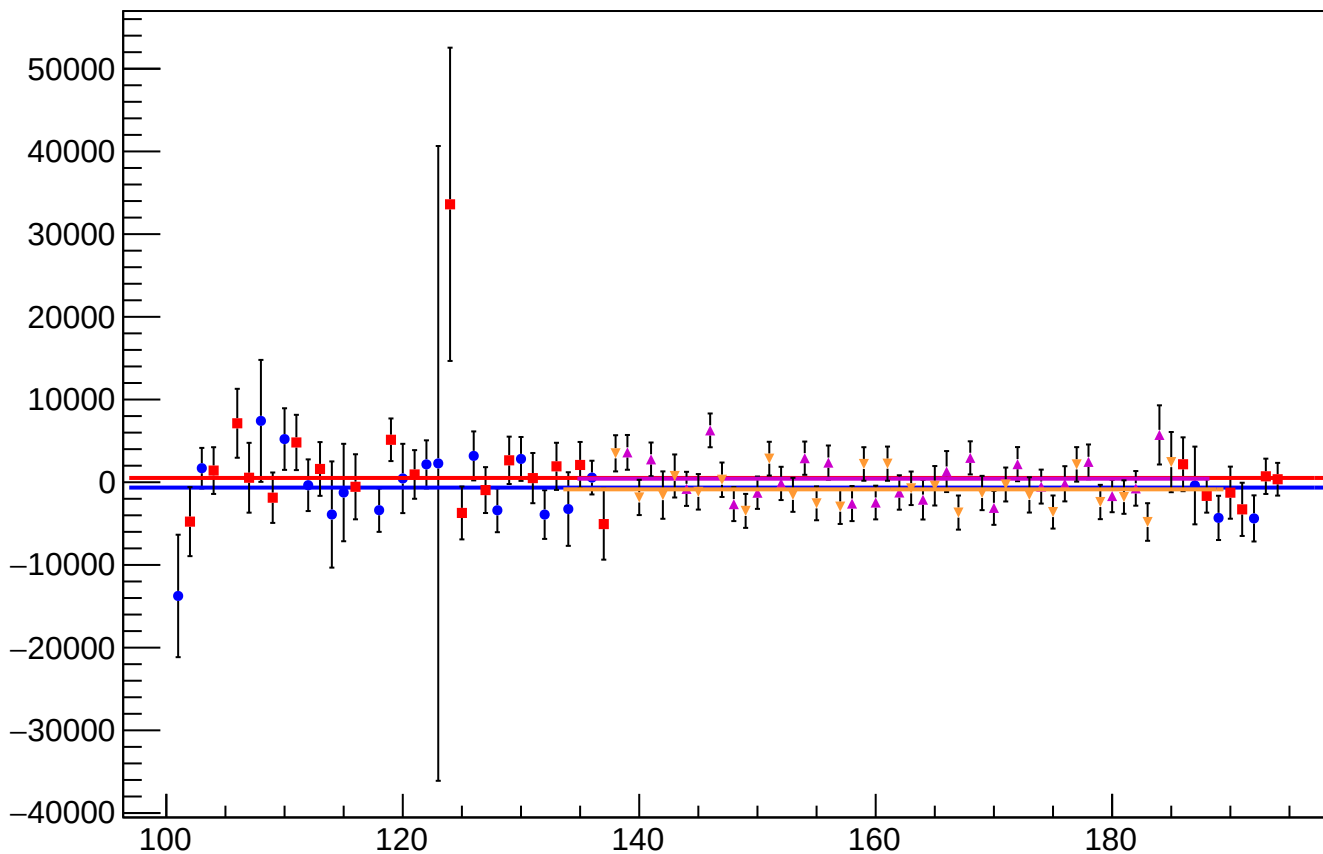
Left In: 1973.216+/-0.334 χ^2/NDF : 120479.3/22

+ sign 2019.433+/-0.282 χ^2/NDF : 925090.1/44

All: 2023.872+/-0.197 χ^2/NDF : 1963634.6/91

- sign 2028.060+/-0.274 χ^2/NDF : 1038064.6/46

dit_asym_at1_dd_mean vs Slug



Right In: -647.395 $\pm$ 731.162 χ^2 /NDF: 20.1/19

Left Out: -858.637 $\pm$ 431.465 χ^2 /NDF: 26.9/24

Right Out: 518.707 $\pm$ 608.992 χ^2 /NDF: 20.9/23

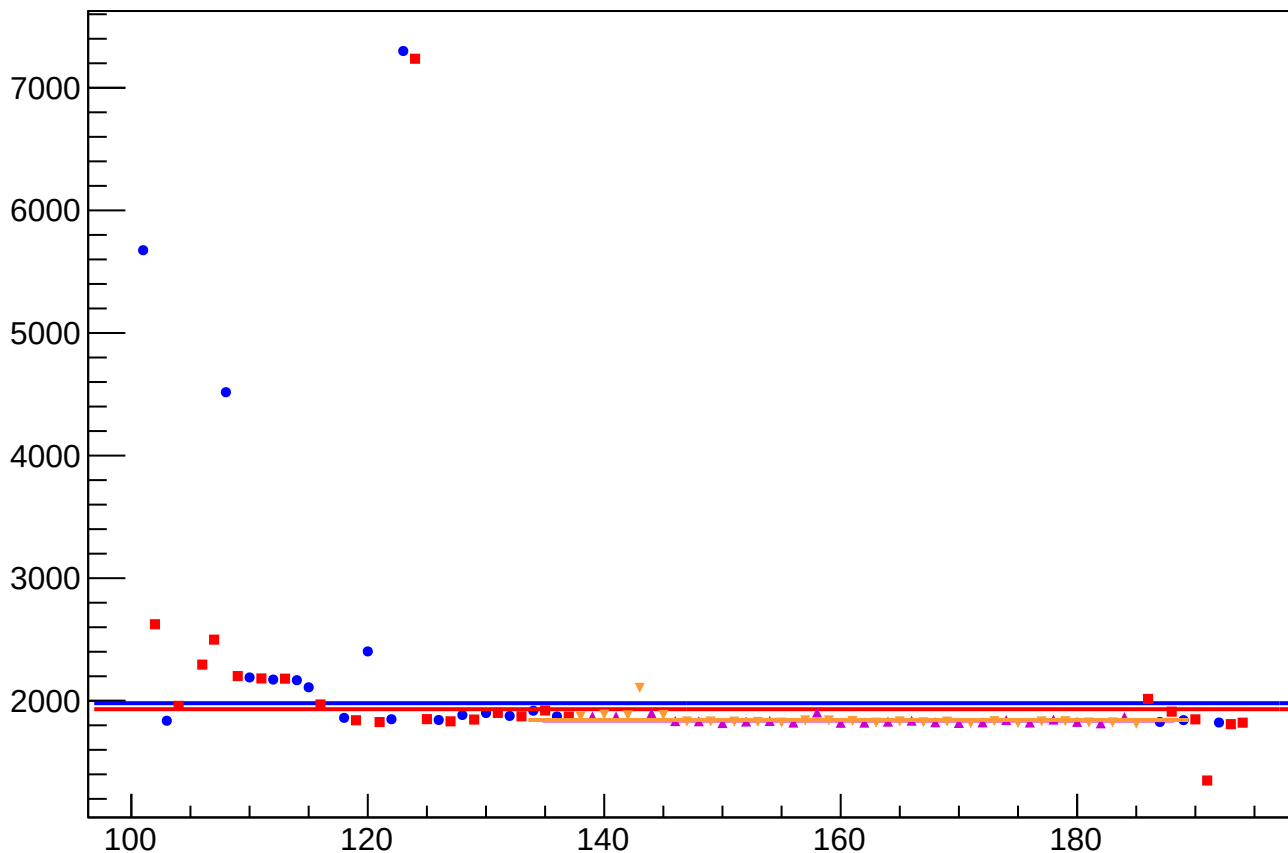
Left In: 427.682 $\pm$ 439.561 χ^2 /NDF: 33.7/22

+ sign -804.076 $\pm$ 371.590 χ^2 /NDF: 47.1/44

All: -146.298 $\pm$ 257.222 χ^2 /NDF: 107.7/91

- sign 458.860 $\pm$ 356.417 χ^2 /NDF: 54.6/46

dit_asym_at1_dd_rms vs Slug



Right In: 1980.395+/-0.517 χ^2/NDF : 856383.6/19

Left Out: 1843.534+/-0.305 χ^2/NDF : 24974.2/24

Right Out: 1931.492+/-0.431 χ^2/NDF : 395494.7/23

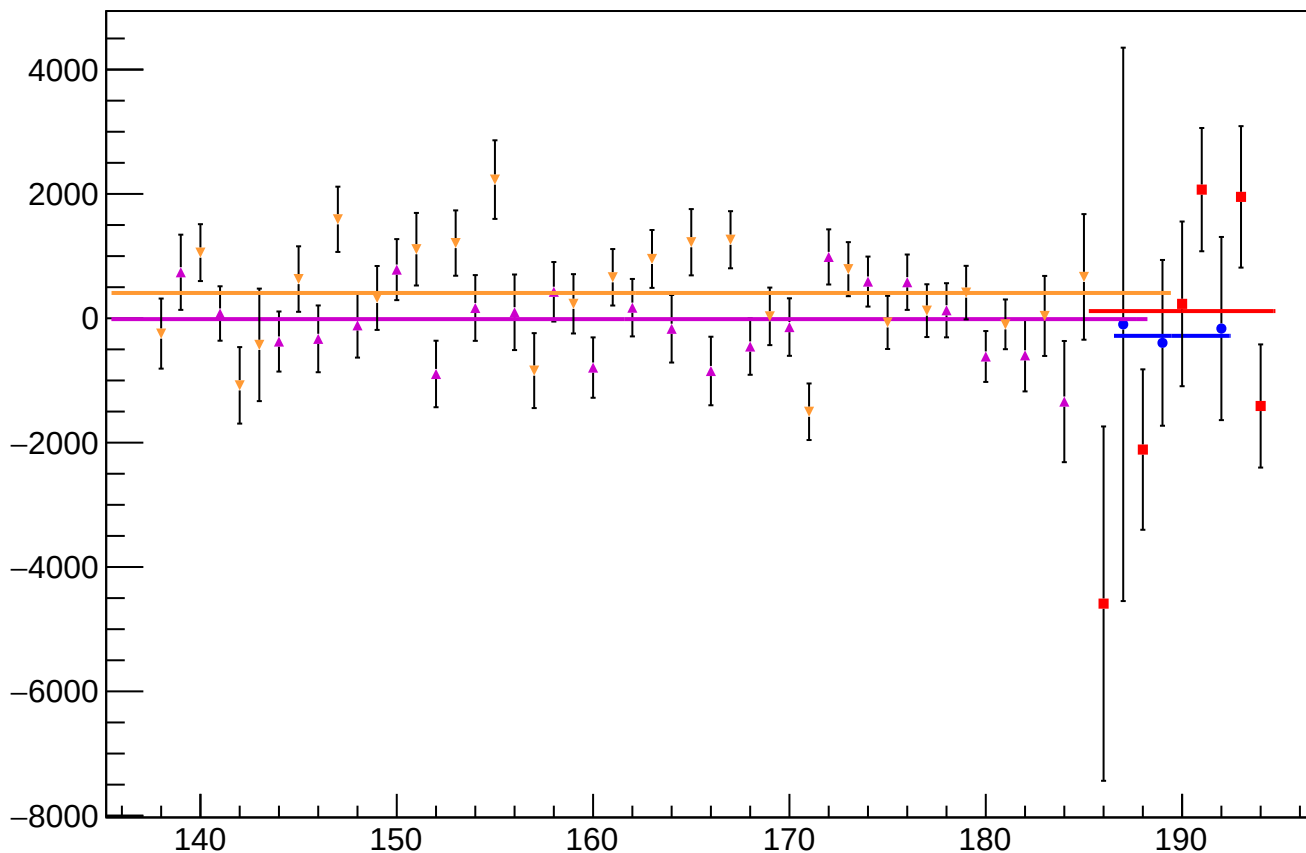
Left In: 1839.431+/-0.311 χ^2/NDF : 6418.5/22

+ sign 1878.883+/-0.263 χ^2/NDF : 933333.7/44

All: 1874.759+/-0.182 χ^2/NDF : 1365769.4/91

- sign 1870.964+/-0.252 χ^2/NDF : 431962.6/46

asym_at1_dd_correction_mean vs Slug



Right In: -282.277+/-964.814 χ^2/NDF : 0.0/2

Left Out: 407.320+/-101.221 χ^2/NDF : 62.1/24

Right Out: 115.825+/-493.618 χ^2/NDF : 14.6/5

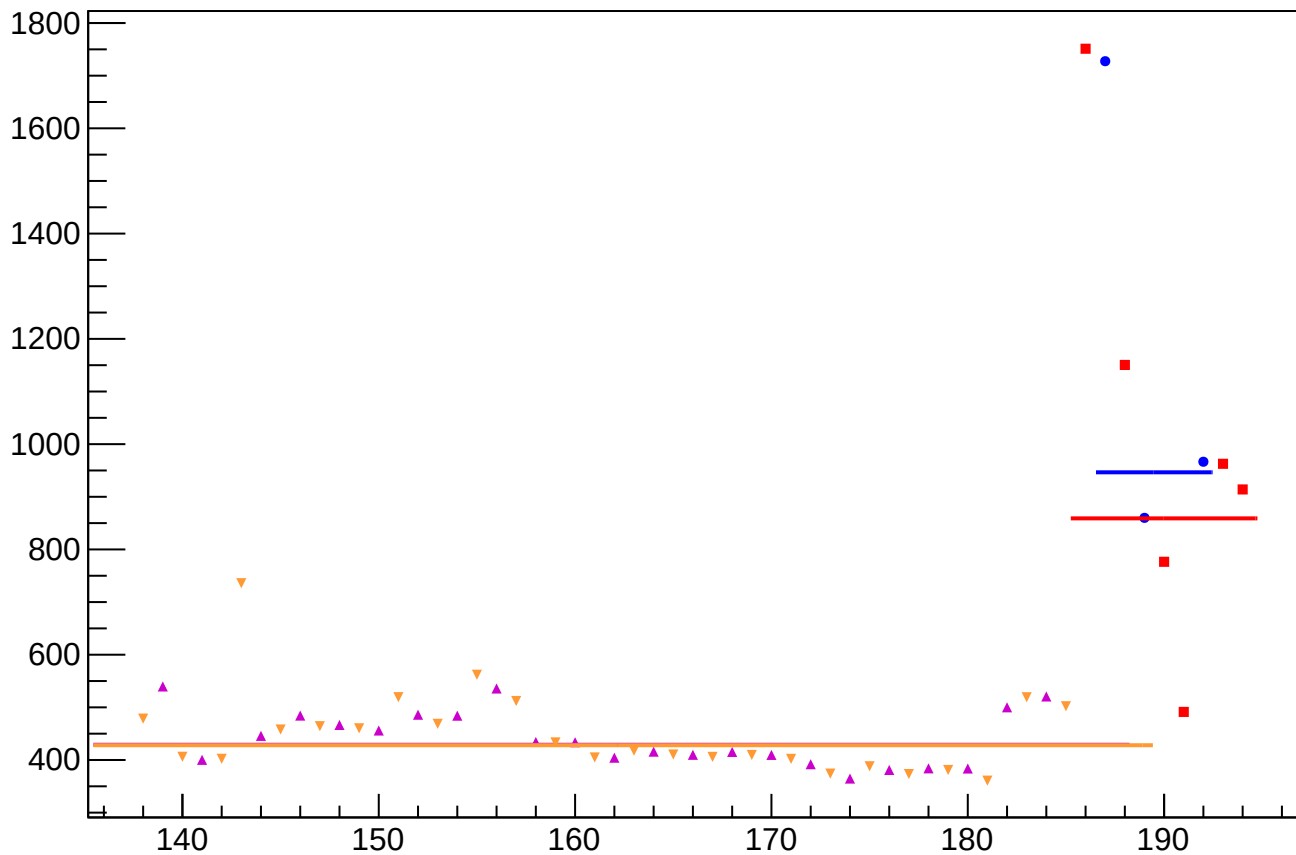
Left In: -13.395+/-102.912 χ^2/NDF : 29.2/22

+ sign 399.813+/-100.669 χ^2/NDF : 62.6/27

All: 196.057+/-71.211 χ^2/NDF : 114.7/56

- sign -8.012+/-100.746 χ^2/NDF : 43.9/28

asym_at1_dd_correction_rms vs Slug



Right In: 946.513 $\pm$ 0.682 χ^2 /NDF: 70400.9/2

Left Out: 428.052 $\pm$ 0.072 χ^2 /NDF: 704731.3/24

Right Out: 858.997 $\pm$ 0.349 χ^2 /NDF: 603876.8/5

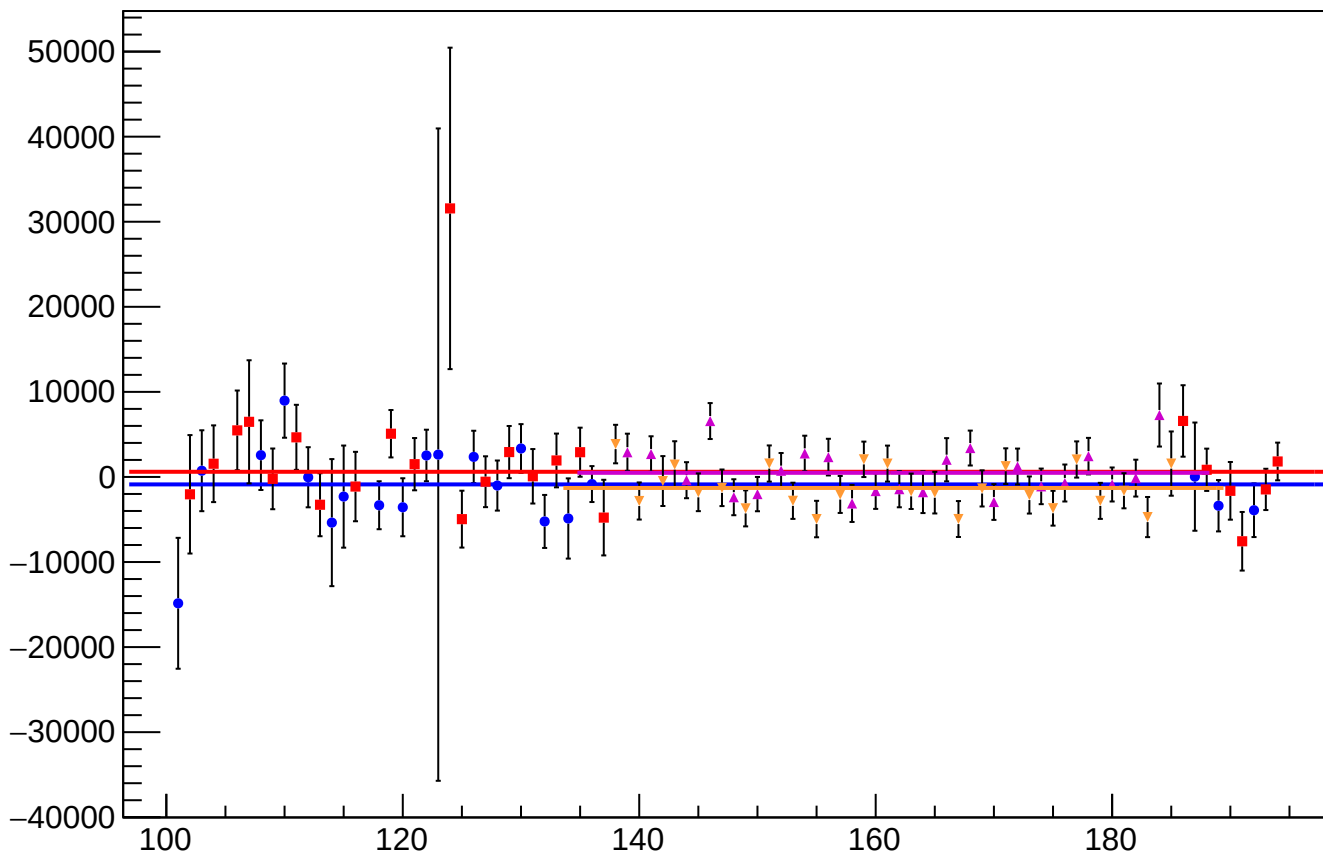
Left In: 428.926 $\pm$ 0.073 χ^2 /NDF: 418755.3/22

+ sign 433.696 $\pm$ 0.071 χ^2 /NDF: 1346374.4/27

All: 440.264 $\pm$ 0.050 χ^2 /NDF: 3840996.0/56

- sign 446.841 $\pm$ 0.071 χ^2 /NDF: 2477584.6/28

asym_at1_dd_mean vs Slug



Right In: -876.018 $\pm$ 797.811 χ^2 /NDF: 19.9/19

Left Out: -1294.152 $\pm$ 444.151 χ^2 /NDF: 29.6/24

Right Out: 607.223 $\pm$ 691.407 χ^2 /NDF: 24.7/23

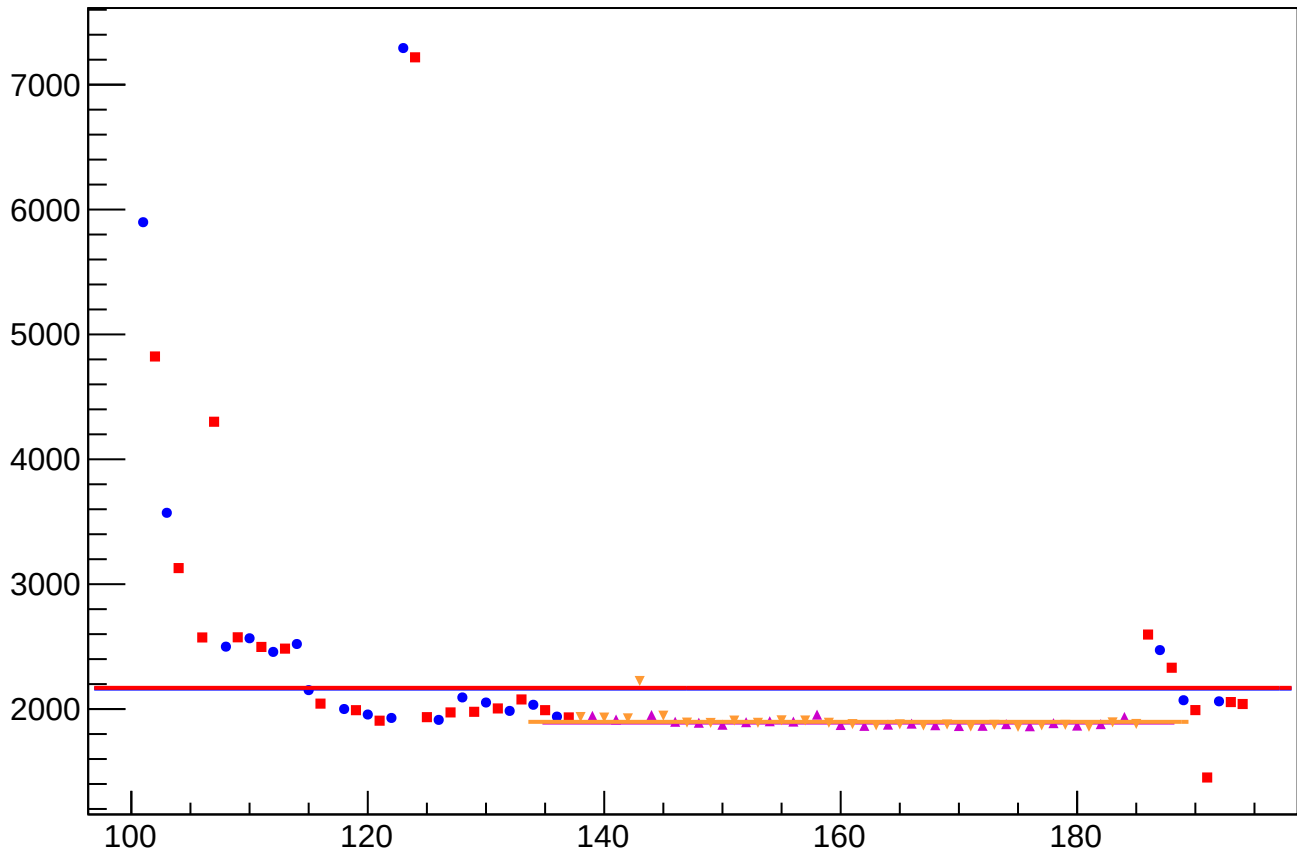
Left In: 485.827 $\pm$ 452.020 χ^2 /NDF: 32.4/22

+ sign -1195.222 $\pm$ 388.067 χ^2 /NDF: 49.8/44

All: -314.729 $\pm$ 270.901 χ^2 /NDF: 116.9/91

- sign 522.177 $\pm$ 378.341 χ^2 /NDF: 57.1/46

asym_at1_dd_rms vs Slug



Right In: 2163.910 $\pm$ 0.564 χ^2 /NDF: 814302.1/19

Left Out: 1897.670 $\pm$ 0.314 χ^2 /NDF: 35089.1/24

Right Out: 2169.918 $\pm$ 0.489 χ^2 /NDF: 971207.3/23

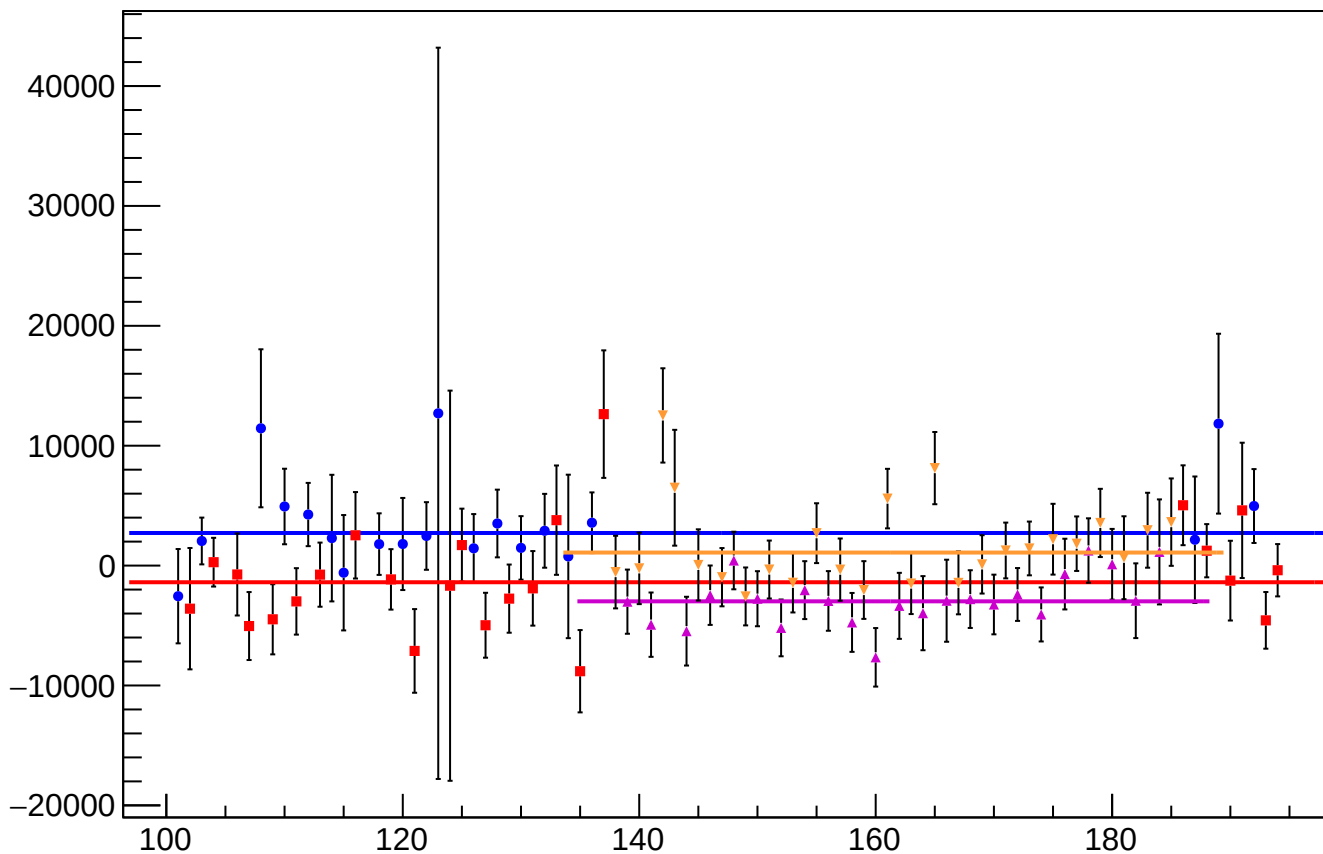
Left In: 1891.722 $\pm$ 0.320 χ^2 /NDF: 7584.2/22

+ sign 1960.662 $\pm$ 0.274 χ^2 /NDF: 1019423.3/44

All: 1968.025 $\pm$ 0.192 χ^2 /NDF: 2226457.1/91

- sign 1975.023 $\pm$ 0.268 χ^2 /NDF: 1205629.6/46

dit_asym_at2_avg_mean vs Slug



Right In: 2720.072 ± 734.586 $\chi^2/\text{NDF}: 8.0/19$

Left Out: 1087.902 ± 540.984 $\chi^2/\text{NDF}: 29.9/24$

Right Out: -1389.261 ± 615.167 $\chi^2/\text{NDF}: 32.2/23$

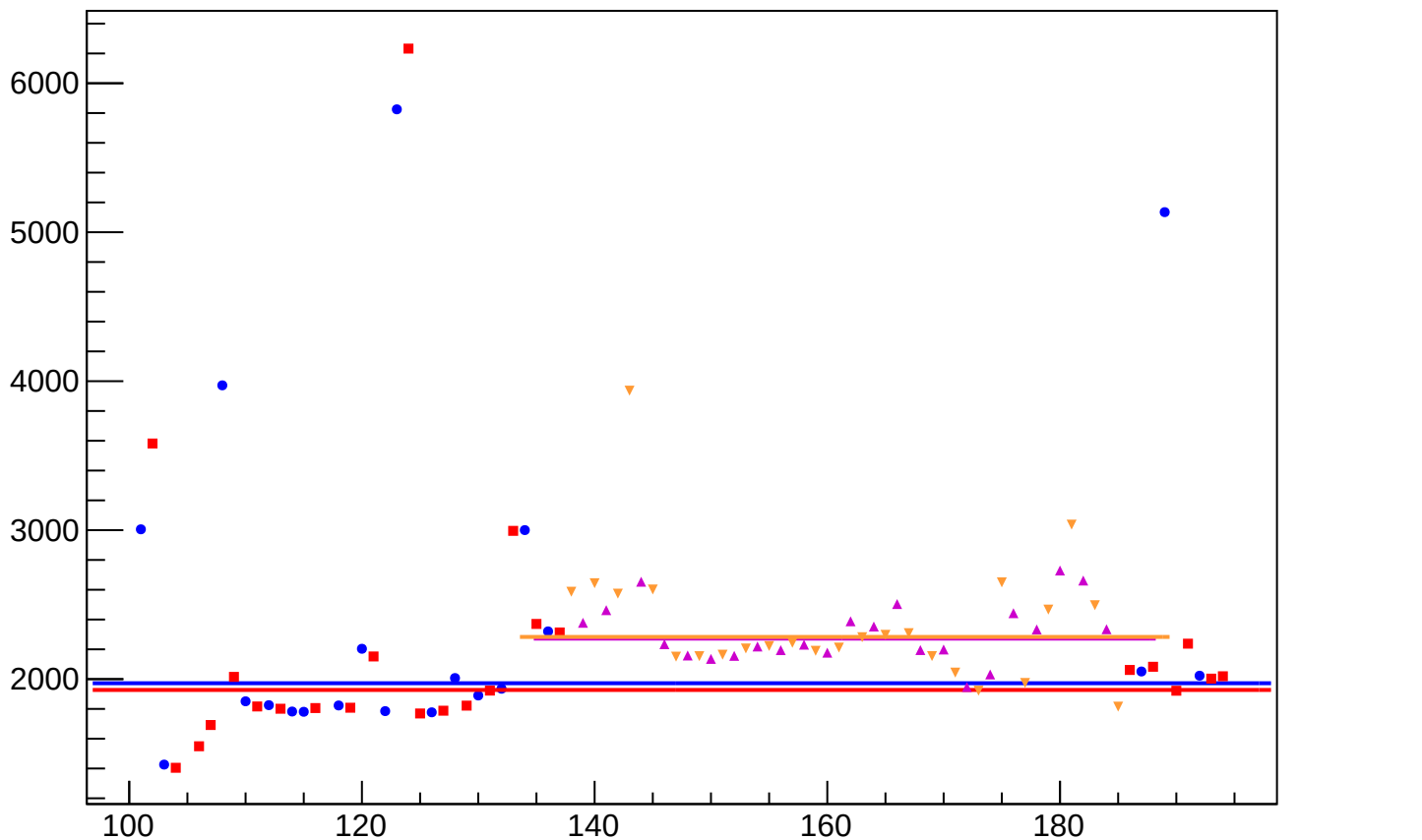
Left In: -2981.160 ± 546.107 $\chi^2/\text{NDF}: 14.0/22$

+ sign 1661.838 ± 435.604 $\chi^2/\text{NDF}: 41.1/44$

All: -435.767 ± 297.935 $\chi^2/\text{NDF}: 134.6/91$

- sign -2279.546 ± 408.399 $\chi^2/\text{NDF}: 50.0/46$

dit_asym_at2_avg_rms vs Slug



Right In: 1972.395 $\pm$ 0.519 χ^2 /NDF: 1000293.4/19

Left Out: 2283.204 $\pm$ 0.383 χ^2 /NDF: 634430.6/24

Right Out: 1927.267 $\pm$ 0.435 χ^2 /NDF: 740406.1/23

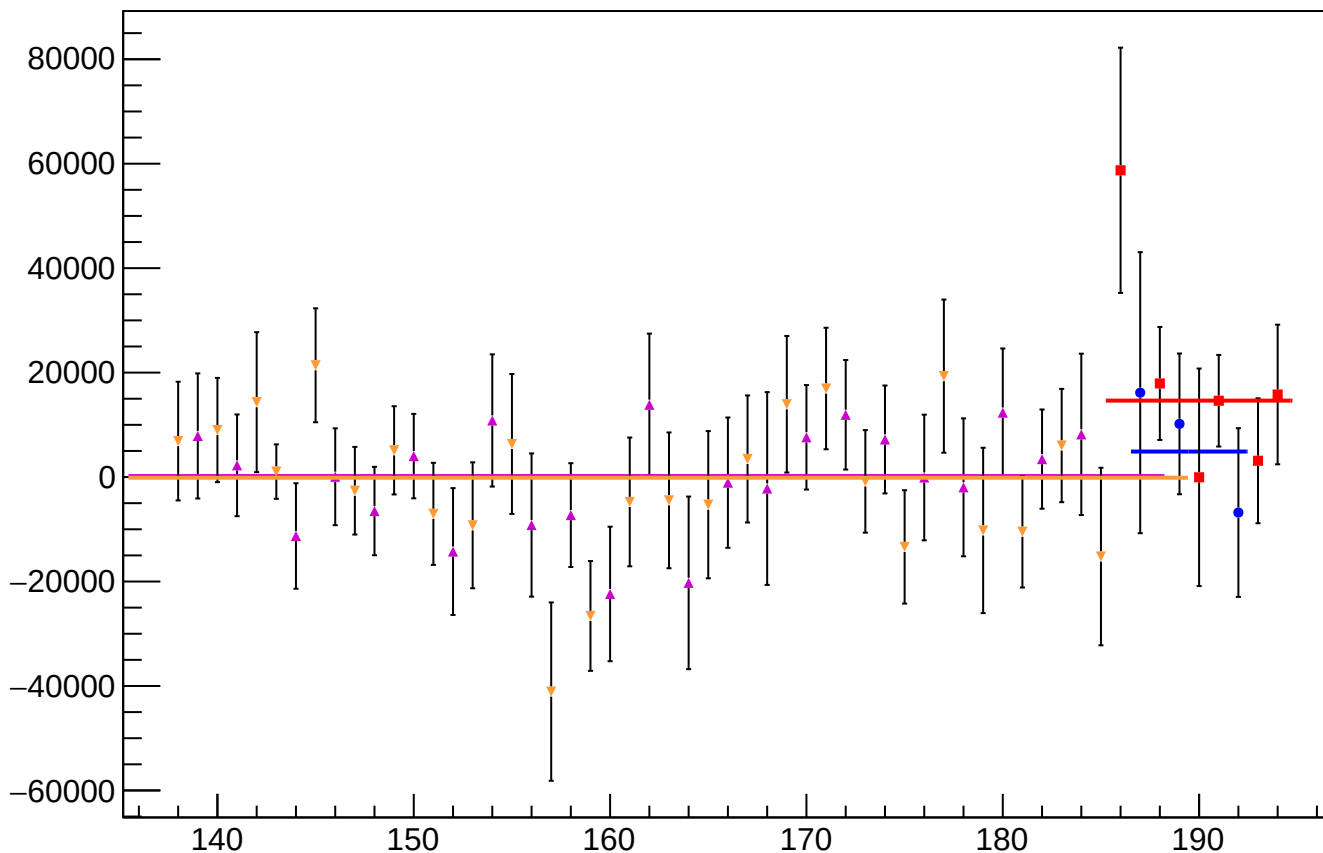
Left In: 2271.946 $\pm$ 0.386 χ^2 /NDF: 243546.3/22

+ sign 2173.911 $\pm$ 0.308 χ^2 /NDF: 1866863.8/44

All: 2145.223 $\pm$ 0.211 χ^2 /NDF: 3218310.1/91

- sign 2120.010 $\pm$ 0.289 χ^2 /NDF: 1335148.2/46

asym_at2_avg_correction_mean vs Slug



Right In: 4884.390+/-9657.209 χ^2/NDF : 0.9/2

Left Out: -124.370+/-2141.976 χ^2/NDF : 29.7/24

Right Out: 14638.663+/-5112.742 χ^2/NDF : 5.1/5

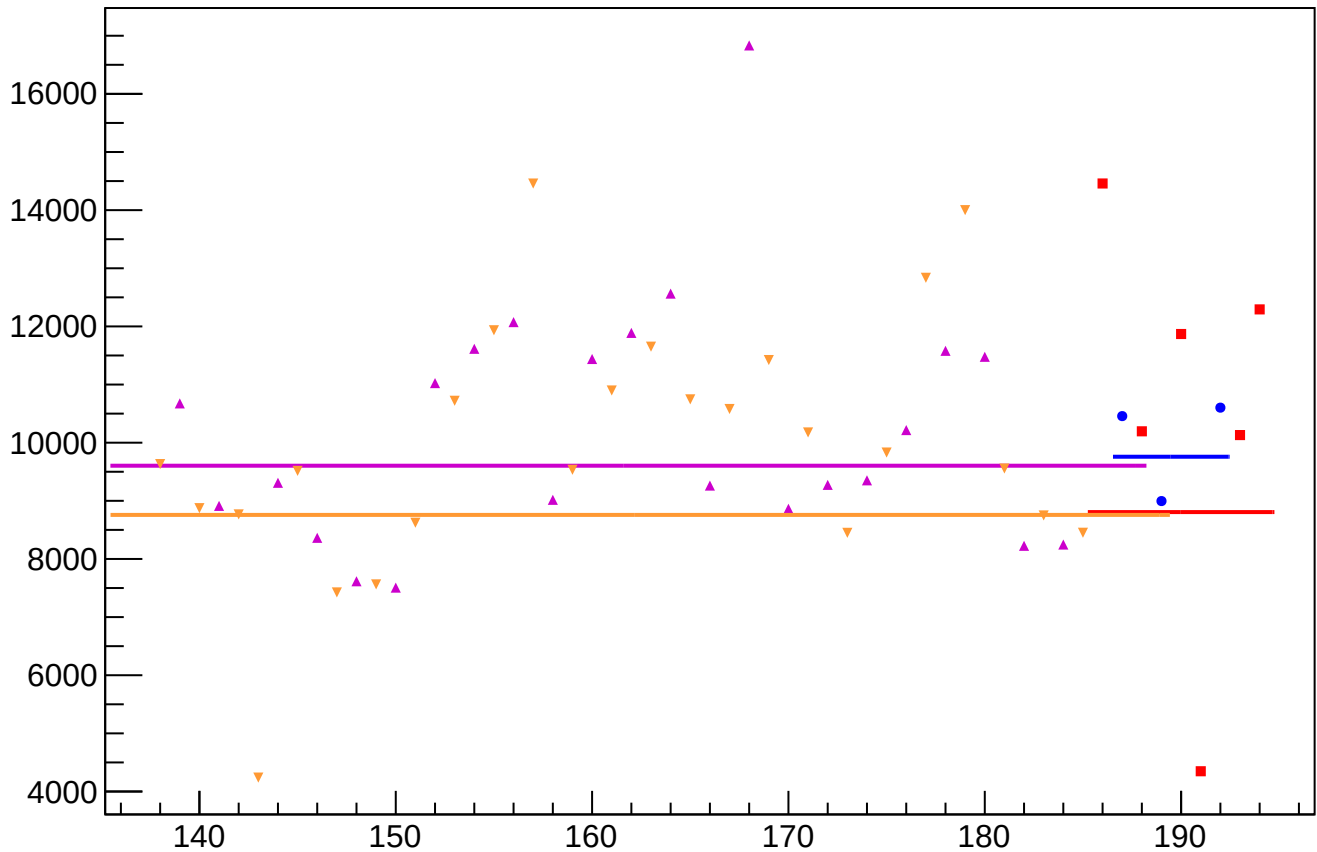
Left In: 185.013+/-2330.398 χ^2/NDF : 15.0/22

+ sign 110.485+/-2091.156 χ^2/NDF : 30.8/27

All: 1373.043+/-1488.941 χ^2/NDF : 58.3/56

- sign 2671.297+/-2120.511 χ^2/NDF : 26.7/28

asym_at2_avg_correction_rms vs Slug



Right In: 9758.501+/-6.829 χ^2/NDF : 13218.7/2

Left Out: 8757.819+/-1.515 χ^2/NDF : 2779104.9/24

Right Out: 8806.384+/-3.615 χ^2/NDF : 869589.7/5

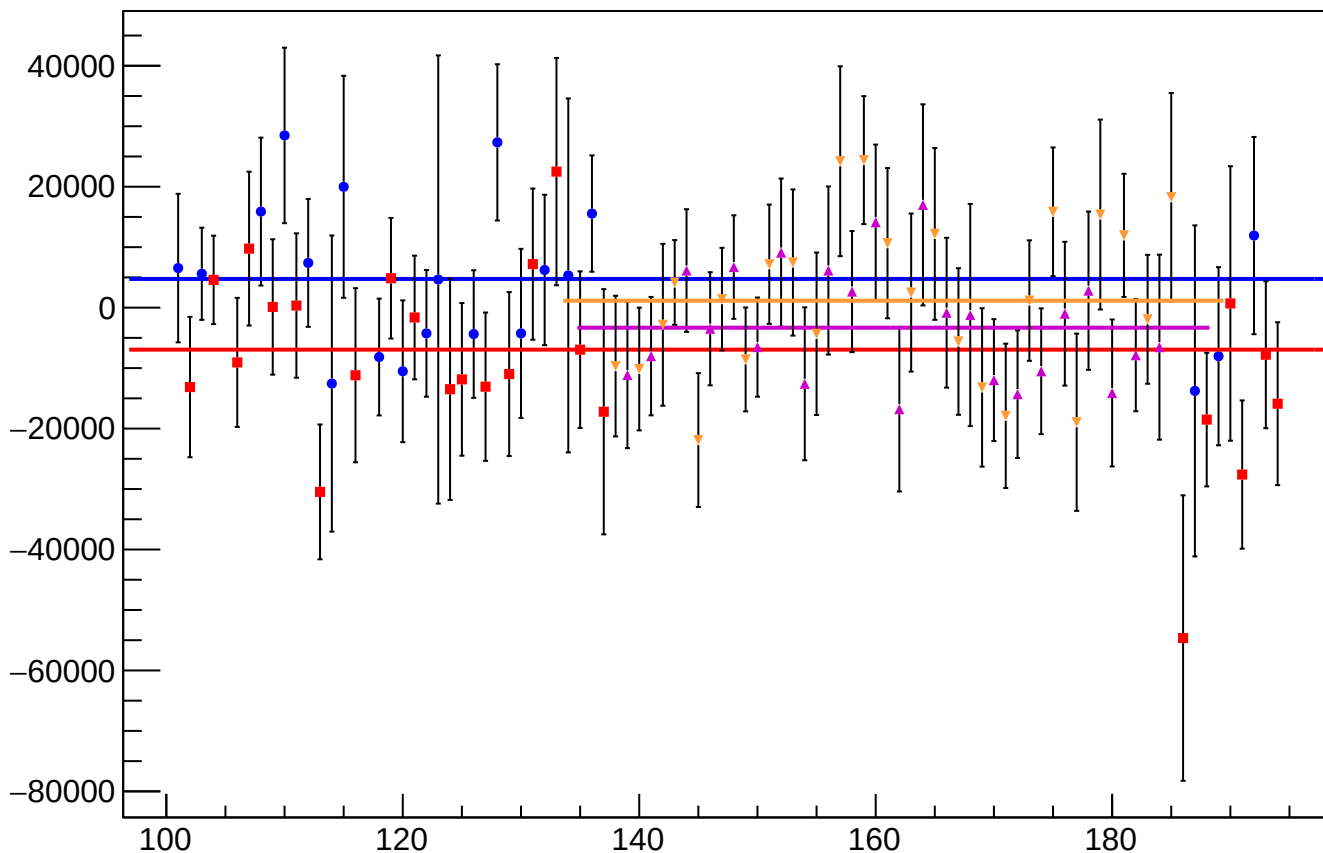
Left In: 9604.027+/-1.648 χ^2/NDF : 1095805.7/22

+ sign 8804.739+/-1.479 χ^2/NDF : 2812791.0/27

All: 9131.165+/-1.053 χ^2/NDF : 4917335.5/56

- sign 9466.819+/-1.499 χ^2/NDF : 2005700.5/28

asym_at2_avg_mean vs Slug



Right In: 4747.022+/-2829.435 χ^2/NDF : 15.9/19

Left Out: 1145.185+/-2232.341 χ^2/NDF : 27.9/24

Right Out: -6946.955+/-2512.634 χ^2/NDF : 24.7/23

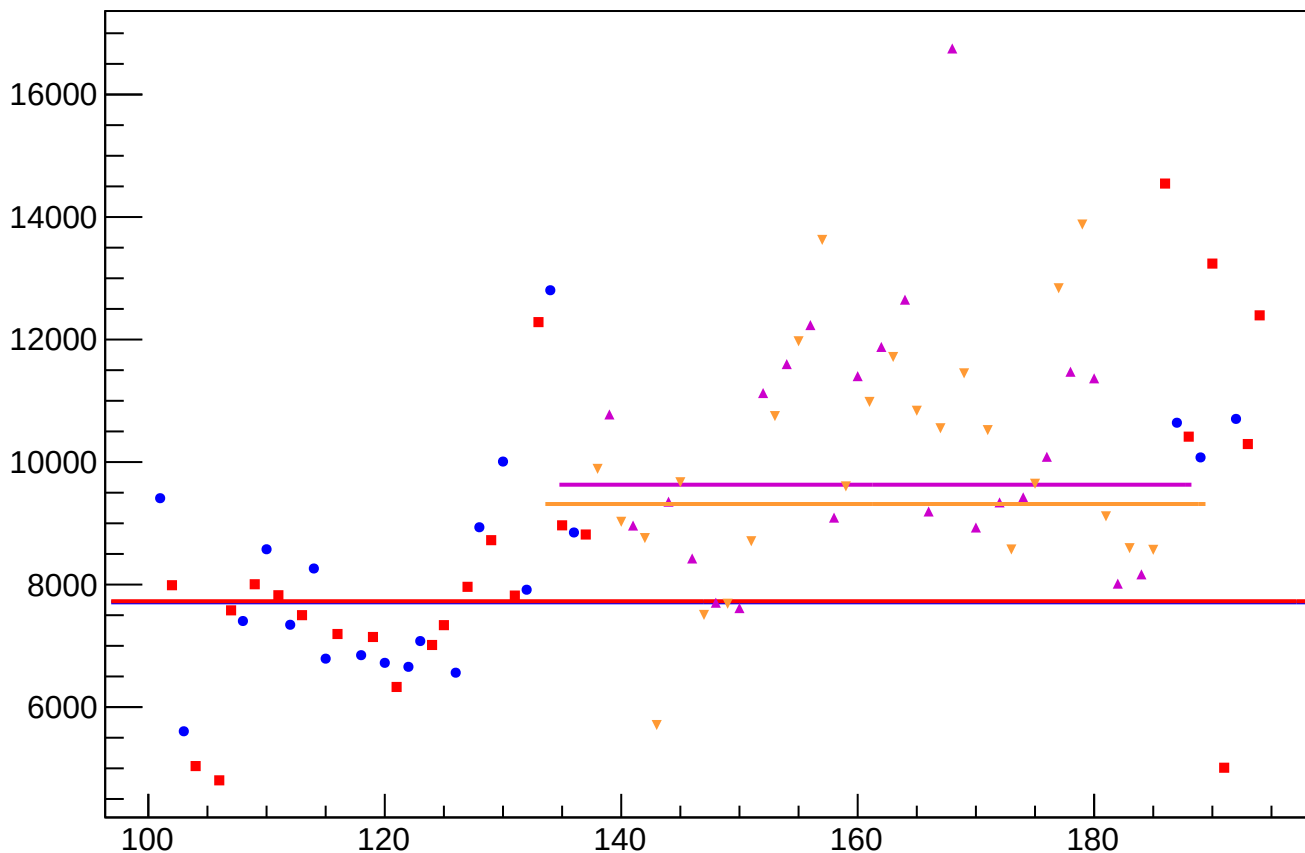
Left In: -3316.960+/-2336.196 χ^2/NDF : 13.4/22

+ sign 2527.057+/-1752.555 χ^2/NDF : 44.8/44

All: -1326.970+/-1224.257 χ^2/NDF : 93.5/91

- sign -5000.046+/-1710.918 χ^2/NDF : 39.3/46

asym_at2_avg_rms vs Slug



Right In: 7710.079 ± 2.001 χ^2/NDF : 585558.0/19

Left Out: 9315.396 ± 1.579 χ^2/NDF : 1503512.6/24

Right Out: 7728.185 ± 1.777 χ^2/NDF : 1461139.2/23

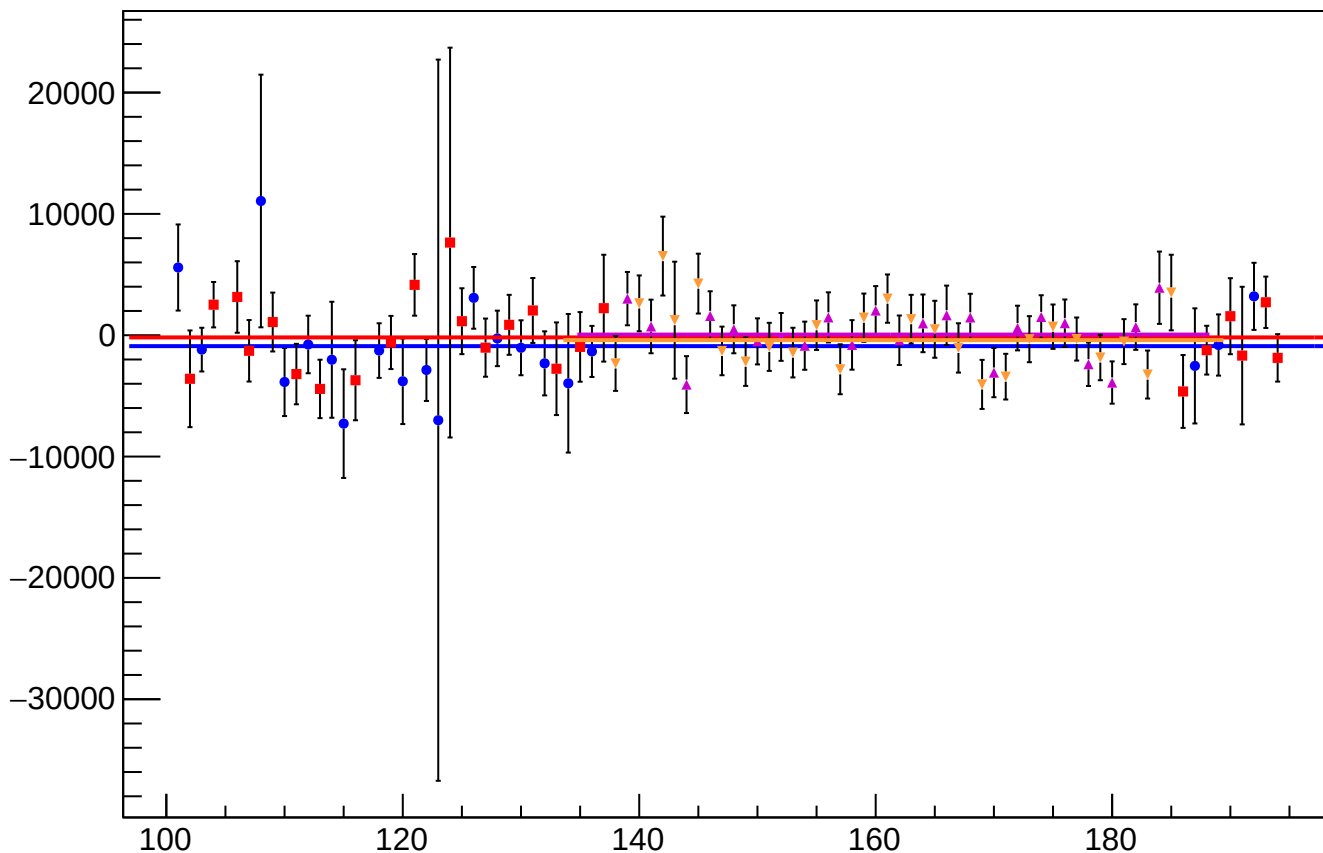
Left In: 9630.345 ± 1.652 χ^2/NDF : 1074643.5/22

+ sign 8699.486 ± 1.239 χ^2/NDF : 2485884.7/44

All: 8724.475 ± 0.866 χ^2/NDF : 5637291.2/91

- sign 8748.288 ± 1.210 χ^2/NDF : 3150612.4/46

dit_asym_at2_dd_mean vs Slug



Right In: -899.433+/-632.391 χ^2/NDF : 14.7/19

Left Out: -403.389+/-419.243 χ^2/NDF : 28.9/24

Right Out: -179.881+/-541.344 χ^2/NDF : 21.0/23

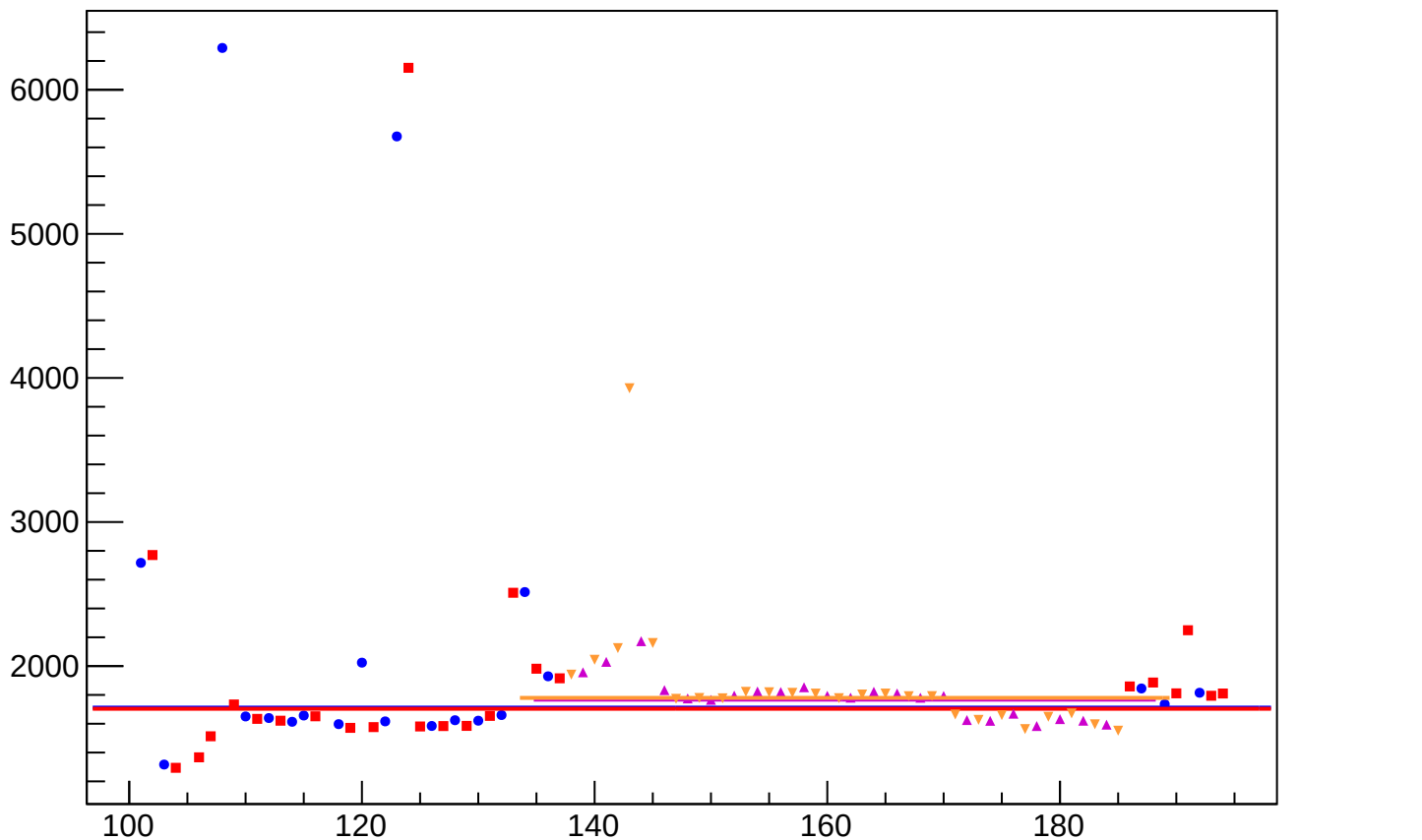
Left In: 53.539+/-422.570 χ^2/NDF : 20.9/22

+ sign -554.839+/-349.430 χ^2/NDF : 44.1/44

All: -282.406+/-241.104 χ^2/NDF : 87.2/91

- sign -34.839+/-333.101 χ^2/NDF : 42.0/46

dit_asym_at2_dd_rms vs Slug



Right In: 1711.950 $\pm$ 0.447 χ^2 /NDF: 783740.8/19

Left Out: 1779.434 $\pm$ 0.296 χ^2 /NDF: 610925.0/24

Right Out: 1703.972 $\pm$ 0.383 χ^2 /NDF: 626038.3/23

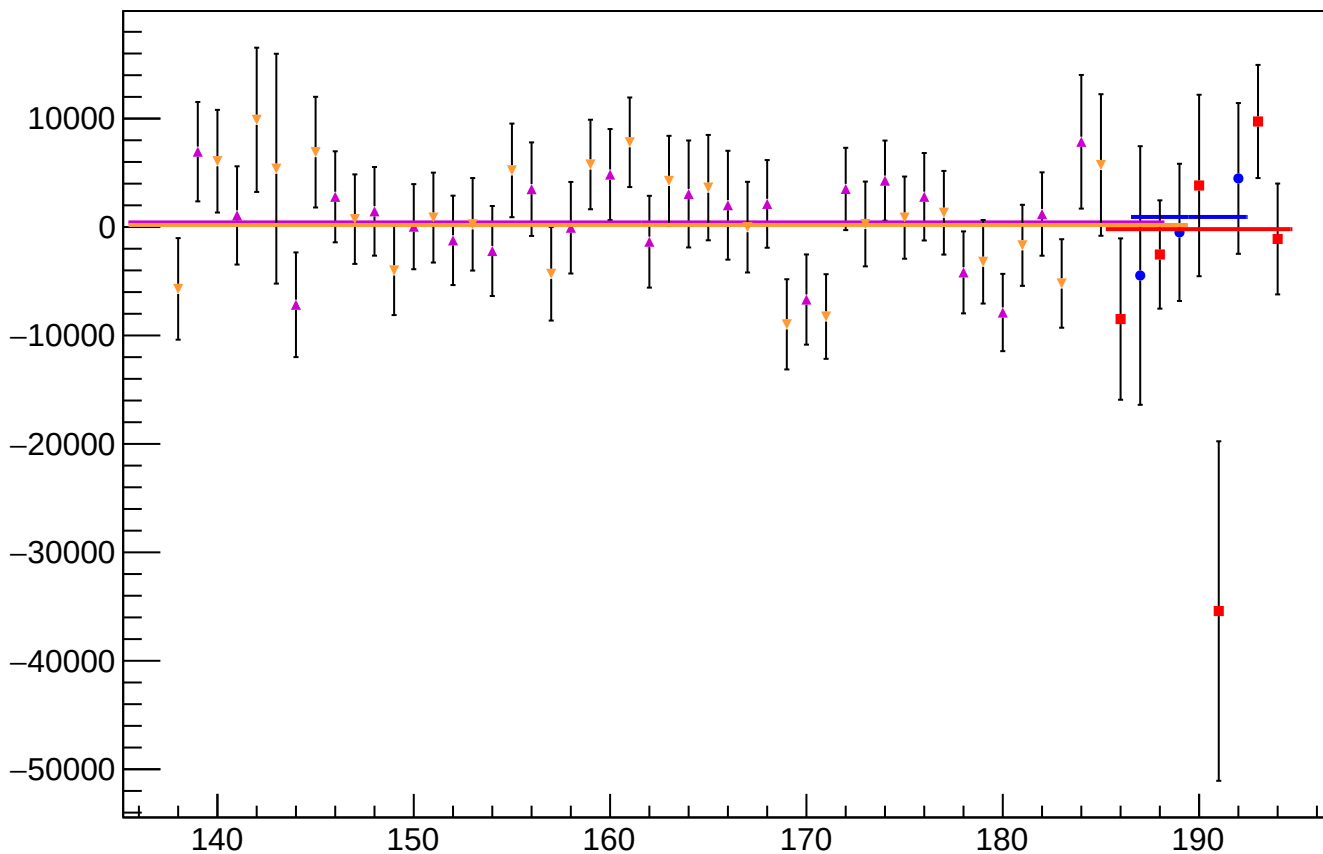
Left In: 1767.314 $\pm$ 0.299 χ^2 /NDF: 196583.8/22

+ sign 1758.830 $\pm$ 0.247 χ^2 /NDF: 1410487.3/44

All: 1750.710 $\pm$ 0.170 χ^2 /NDF: 2252185.4/91

- sign 1743.331 $\pm$ 0.236 χ^2 /NDF: 839636.6/46

asym_at2_dd_correction_mean vs Slug



Right In: 928.782 ± 4355.161 χ^2/NDF : 0.5/2

Left Out: 191.104 ± 869.912 χ^2/NDF : 30.6/24

Right Out: -193.957 ± 2568.841 χ^2/NDF : 10.4/5

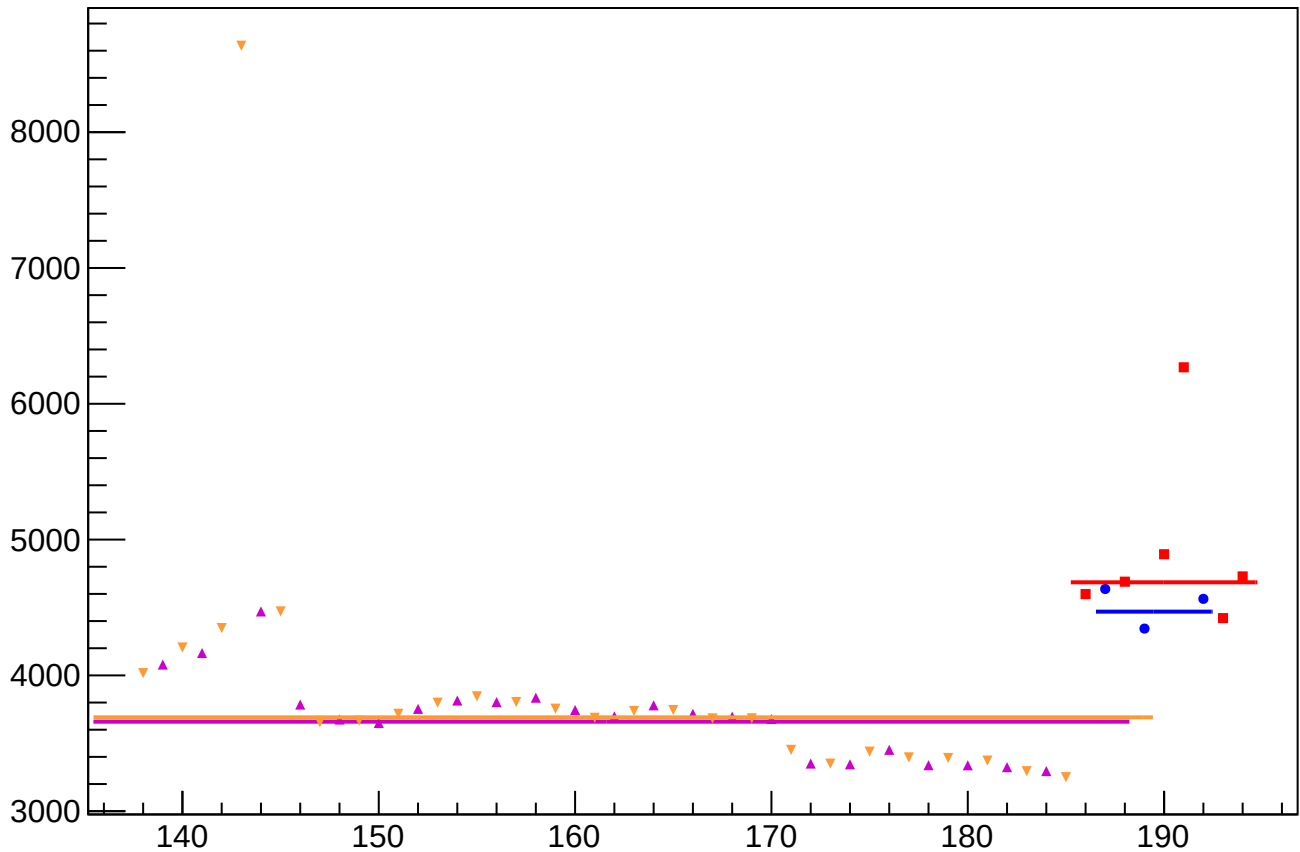
Left In: 426.004 ± 874.870 χ^2/NDF : 21.3/22

+ sign 219.406 ± 853.061 χ^2/NDF : 31.1/27

All: 292.593 ± 594.206 χ^2/NDF : 62.9/56

- sign 361.570 ± 828.159 χ^2/NDF : 31.7/28

asym_at2_dd_correction_rms vs Slug



Right In: 4469.473+/-3.080 χ^2/NDF : 1537.1/2

Left Out: 3691.174+/-0.615 χ^2/NDF : 639471.7/24

Right Out: 4685.484+/-1.816 χ^2/NDF : 27213.4/5

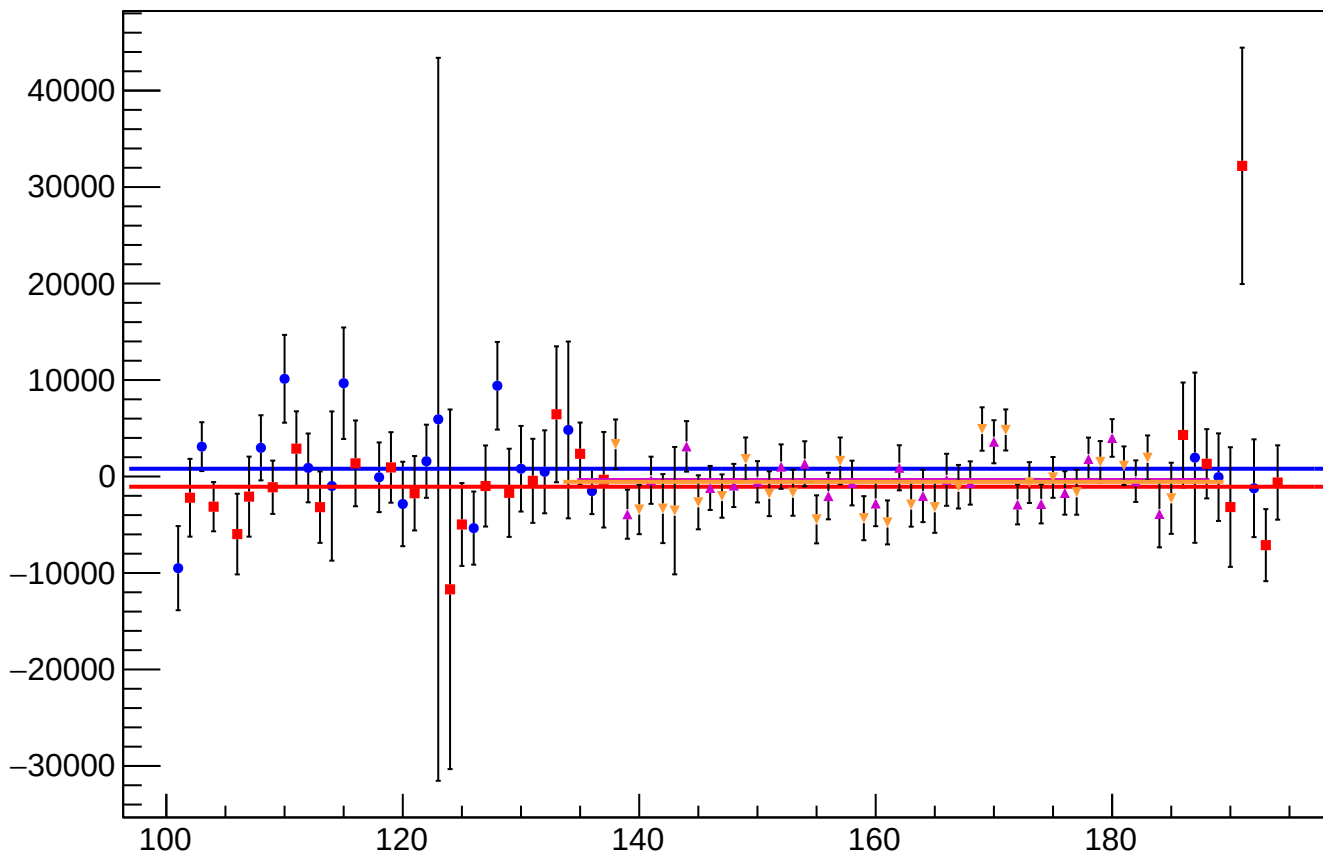
Left In: 3659.086+/-0.619 χ^2/NDF : 198077.1/22

+ sign 3721.034+/-0.603 χ^2/NDF : 702430.8/27

All: 3744.062+/-0.420 χ^2/NDF : 1216662.7/56

- sign 3765.764+/-0.586 χ^2/NDF : 511401.0/28

asym_at2_dd_mean vs Slug



Right In: 804.888+/-920.135 χ^2/NDF : 21.8/19

Left Out: -551.411+/-481.630 χ^2/NDF : 34.0/24

Right Out: -1060.411+/-831.027 χ^2/NDF : 19.2/23

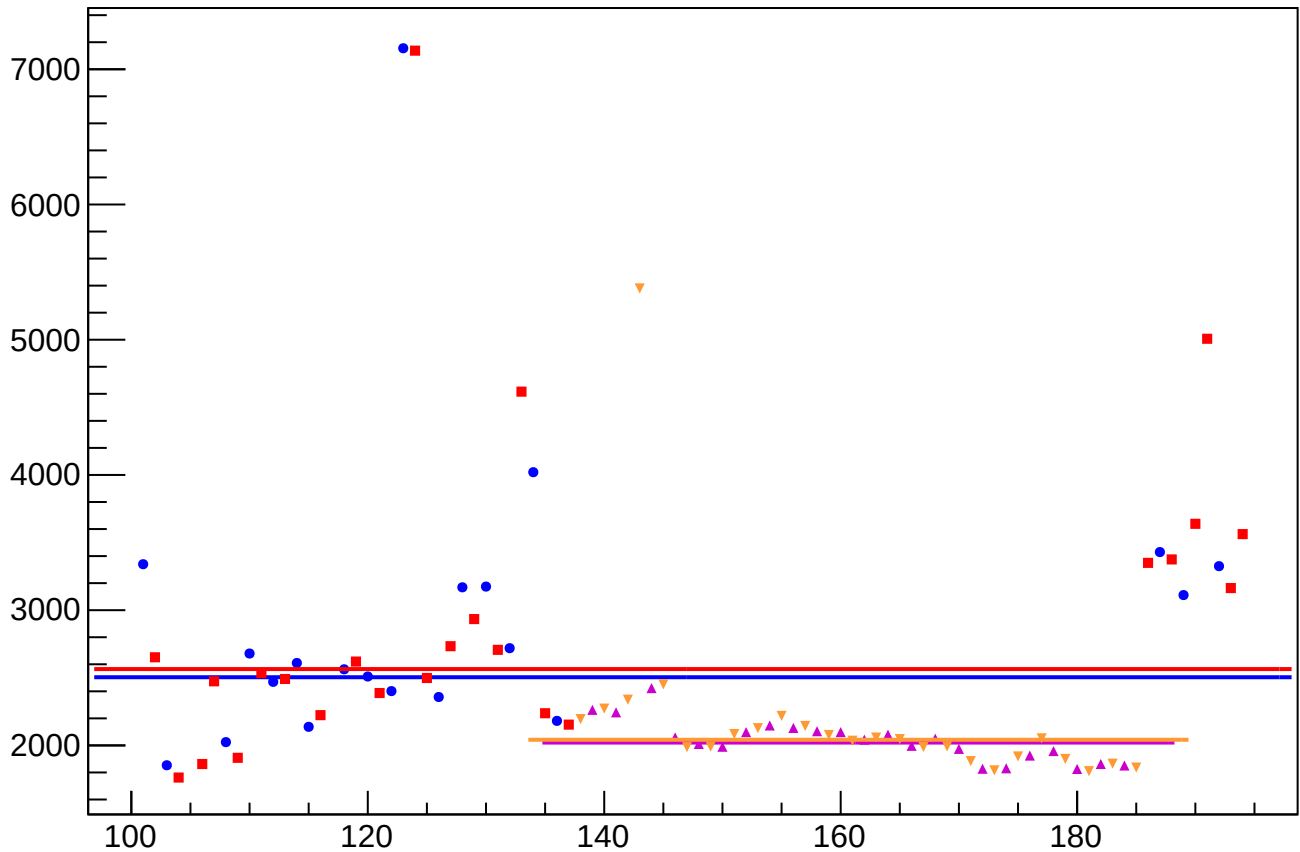
Left In: -366.243+/-483.092 χ^2/NDF : 20.5/22

+ sign -259.726+/-426.709 χ^2/NDF : 57.6/44

All: -403.673+/-298.475 χ^2/NDF : 98.0/91

- sign -541.574+/-417.651 χ^2/NDF : 40.2/46

asym_at2_dd_rms vs Slug



Right In: 2504.177+/-0.651 χ^2/NDF : 588972.7/19

Left Out: 2041.781+/-0.341 χ^2/NDF : 706854.2/24

Right Out: 2564.590+/-0.588 χ^2/NDF : 1198431.9/23

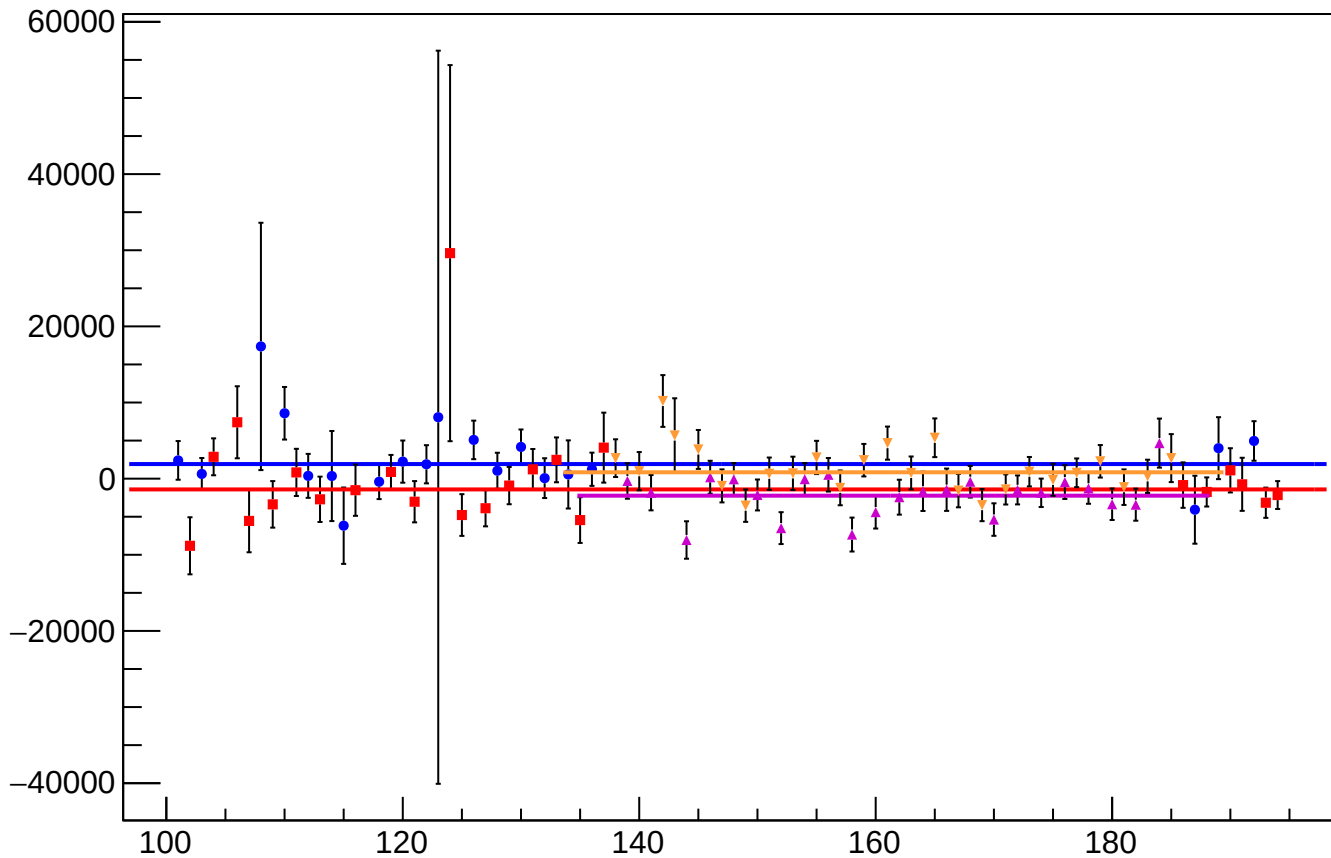
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

+ sign 2141.224+/-0.302 χ^2/NDF : 1692280.2/44

All: 2149.970+/-0.211 χ^2/NDF : 3710533.6/91

- sign 2158.348+/-0.295 χ^2/NDF : 2016608.4/46

dit_asym_atl_avg_mean vs Slug



Right In: 1916.183 $\pm$ 654.756 χ^2 /NDF: 15.9/19

Left Out: 837.426 $\pm$ 454.502 χ^2 /NDF:32.3/24

Right Out: -1414.079 $\pm$ 565.770 χ^2 /NDF: 26.0/23

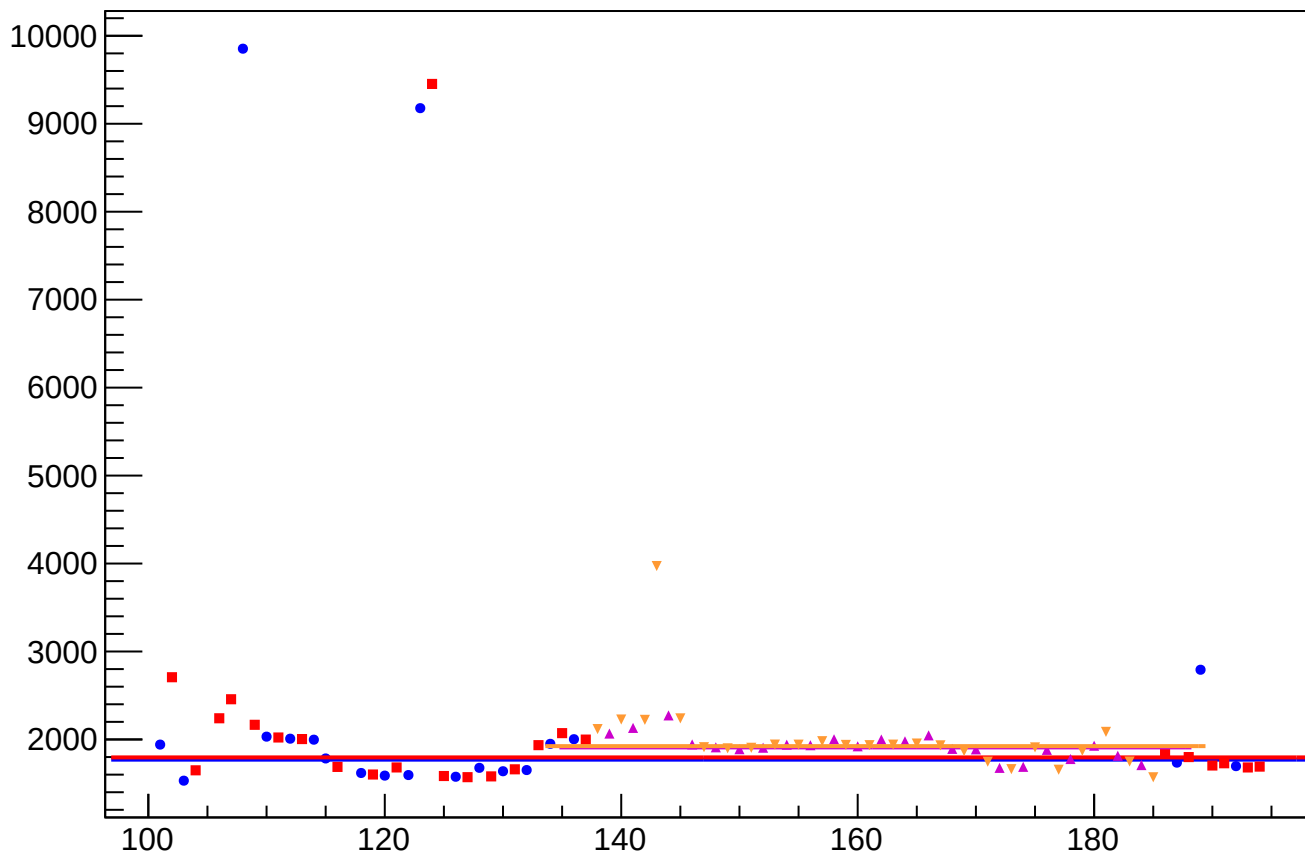
Left In: -2235.652 $\pm$ 457.720 χ^2 /NDF:31.0/22

+ sign 1188.203 $\pm$ 373.365 χ^2 /NDF: 50.1/44

All: -435.618 $\pm$ 257.593 χ^2 /NDF: 144.4/91

- sign -1910.644 $\pm$ 355.848 χ^2 /NDF: 58.2/46

dit_asym_atl_avg_rms vs Slug



Right In: 1770.499+/-0.463 χ^2/NDF : 812697.5/19

Left Out: 1924.077+/-0.321 χ^2/NDF : 583939.2/24

Right Out: 1795.877+/-0.400 χ^2/NDF : 551911.8/23

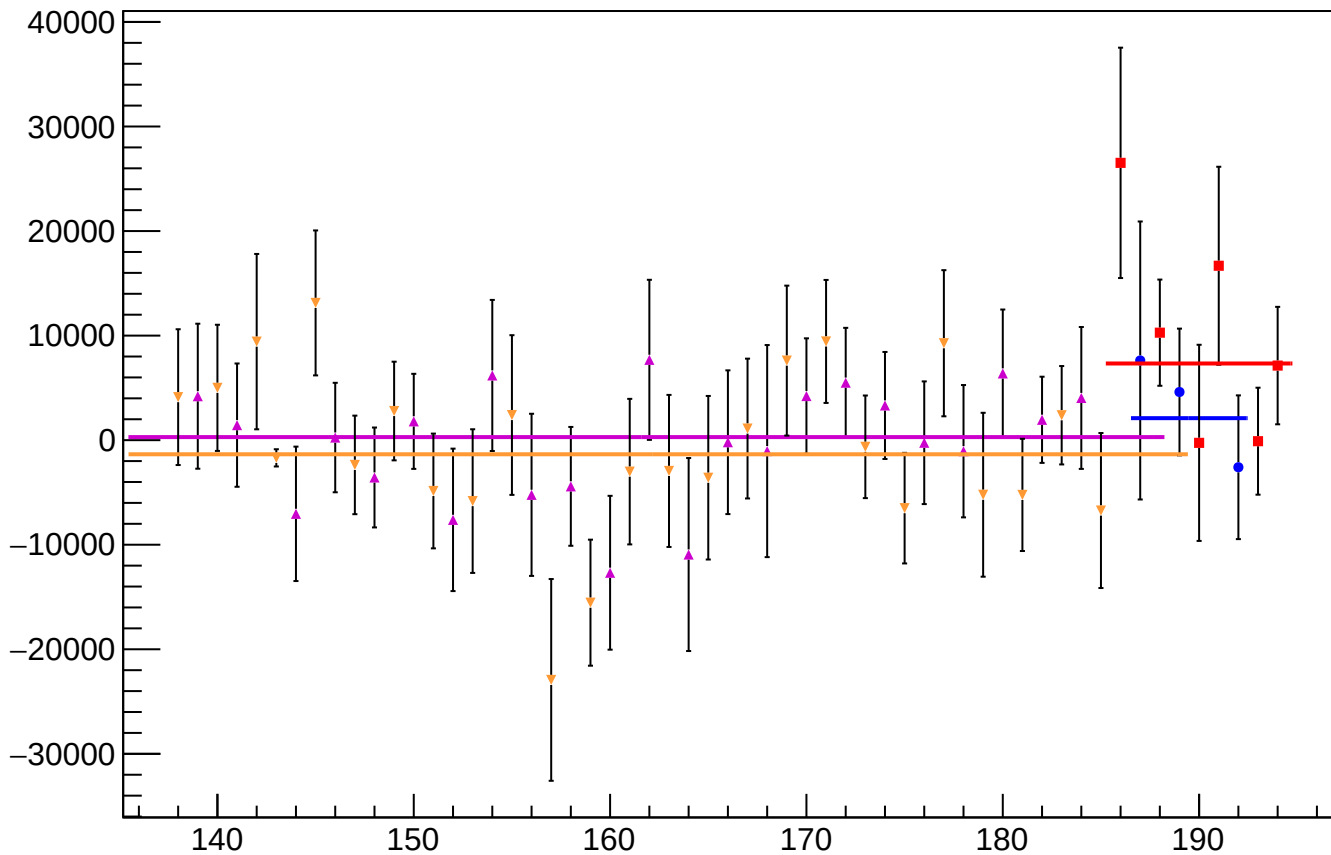
Left In: 1909.656+/-0.324 χ^2/NDF : 164475.5/22

+ sign 1874.138+/-0.264 χ^2/NDF : 1470891.6/44

All: 1869.141+/-0.182 χ^2/NDF : 2236896.3/91

- sign 1864.604+/-0.252 χ^2/NDF : 765321.1/46

asym_atl_avg_correction_mean vs Slug



Right In: 2104.332 $\pm$ 4301.463 χ^2 /NDF: 0.8/2

Left Out: -1349.584 $\pm$ 690.658 χ^2 /NDF:30.9/24

Right Out: 7333.923 $\pm$ 2678.024 χ^2 /NDF: 7.1/5

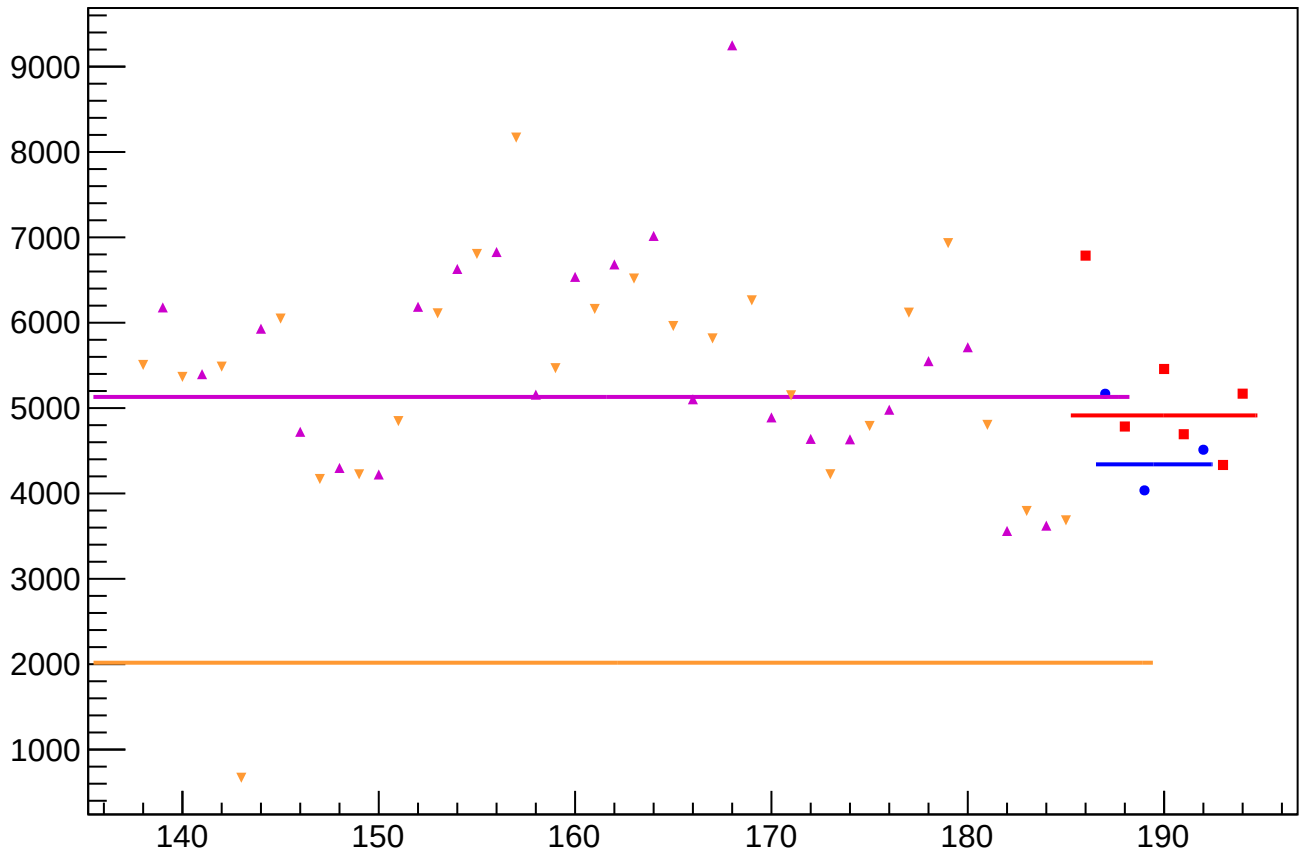
Left In: 294.047 $\pm$ 1252.274 χ^2 /NDF:14.5/22

+ sign -1262.778 $\pm$ 681.924 χ^2 /NDF: 32.3/27

All: -514.225 $\pm$ 584.450 χ^2 /NDF: 64.2/56

- sign 1557.189 $\pm$ 1134.378 χ^2 /NDF: 27.3/28

asym_atl_avg_correction_rms vs Slug



Right In: 4341.046+/-3.042 χ^2/NDF : 14043.7/2

Left Out: 2017.245+/-0.488 χ^2/NDF : 19159743.3/24

Right Out: 4914.118+/-1.894 χ^2/NDF : 96727.3/5

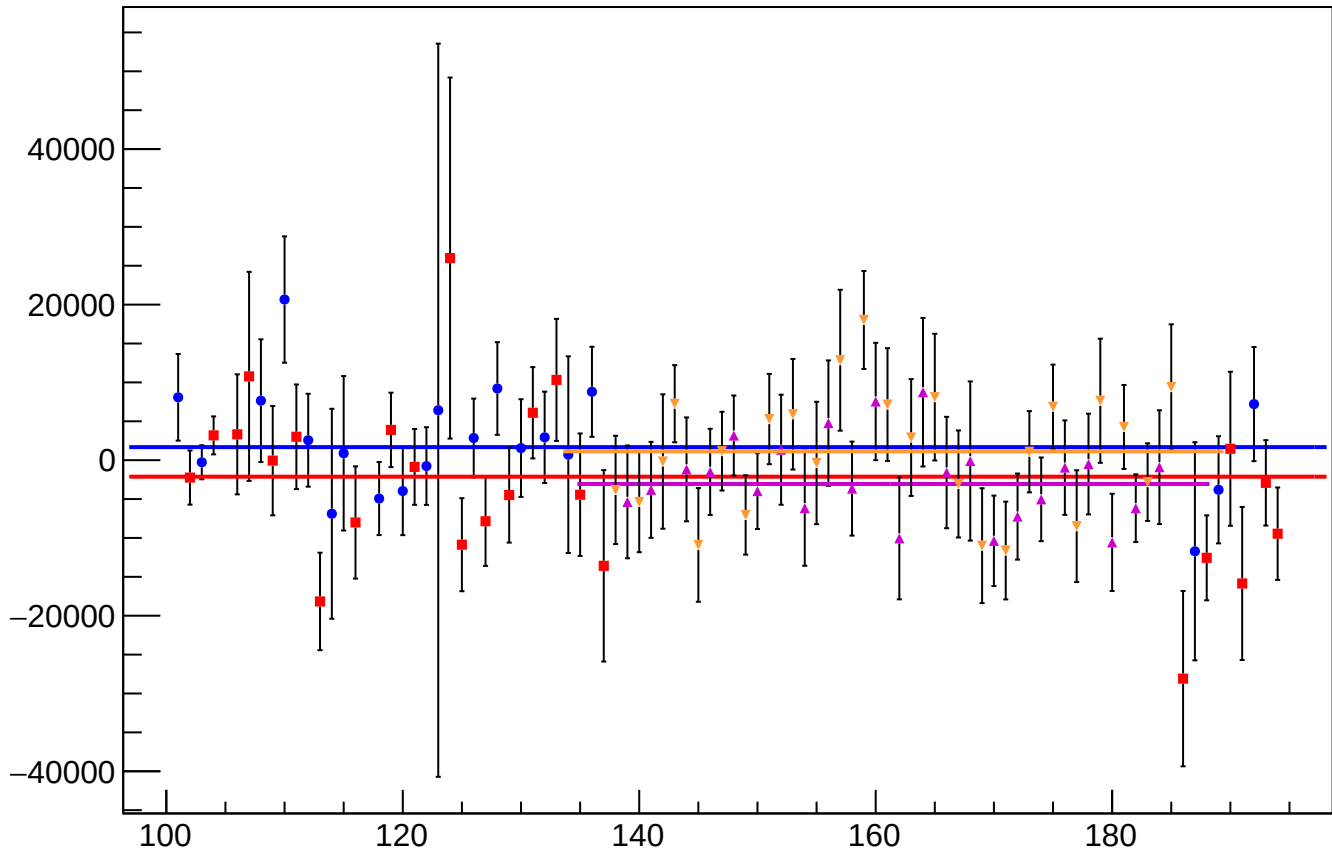
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

+ sign 2075.648+/-0.482 χ^2/NDF : 19742824.6/27

All: 2876.301+/-0.413 χ^2/NDF : 31726573.9/5

- sign 5091.886+/-0.802 χ^2/NDF : 1597280.1/28

asym_atl_avg_mean vs Slug



Right In: 1677.344+/-1254.670 χ^2/NDF : 17.1/19

Left Out: 1132.501+/-1280.211 χ^2/NDF : 32.5/24

Right Out: -2123.793+/-1175.285 χ^2/NDF : 38.4/23

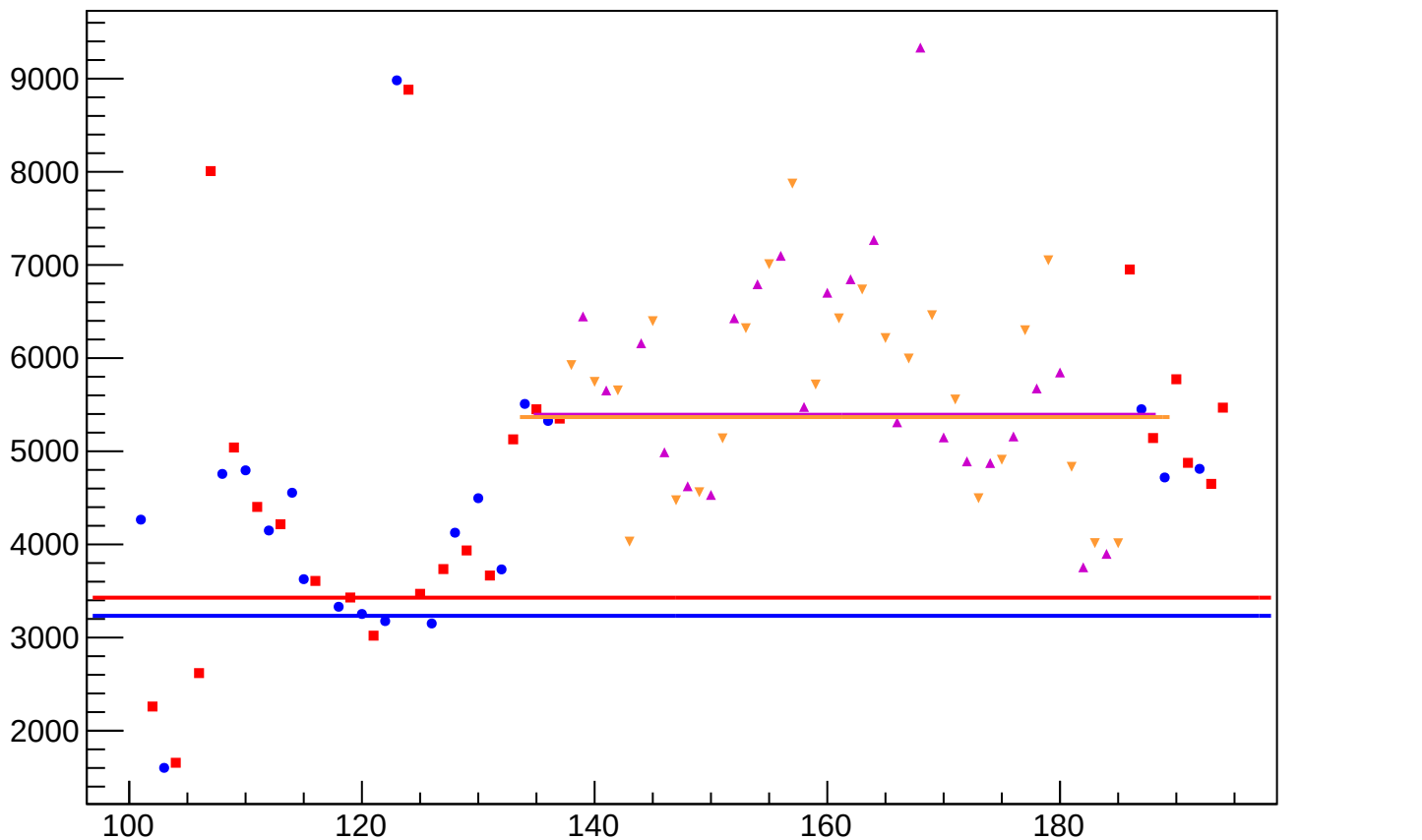
Left In: -3061.439+/-1313.197 χ^2/NDF : 12.3/22

+ sign 1410.412+/-896.080 χ^2/NDF : 49.7/44

All: -610.495+/-626.318 χ^2/NDF : 110.7/91

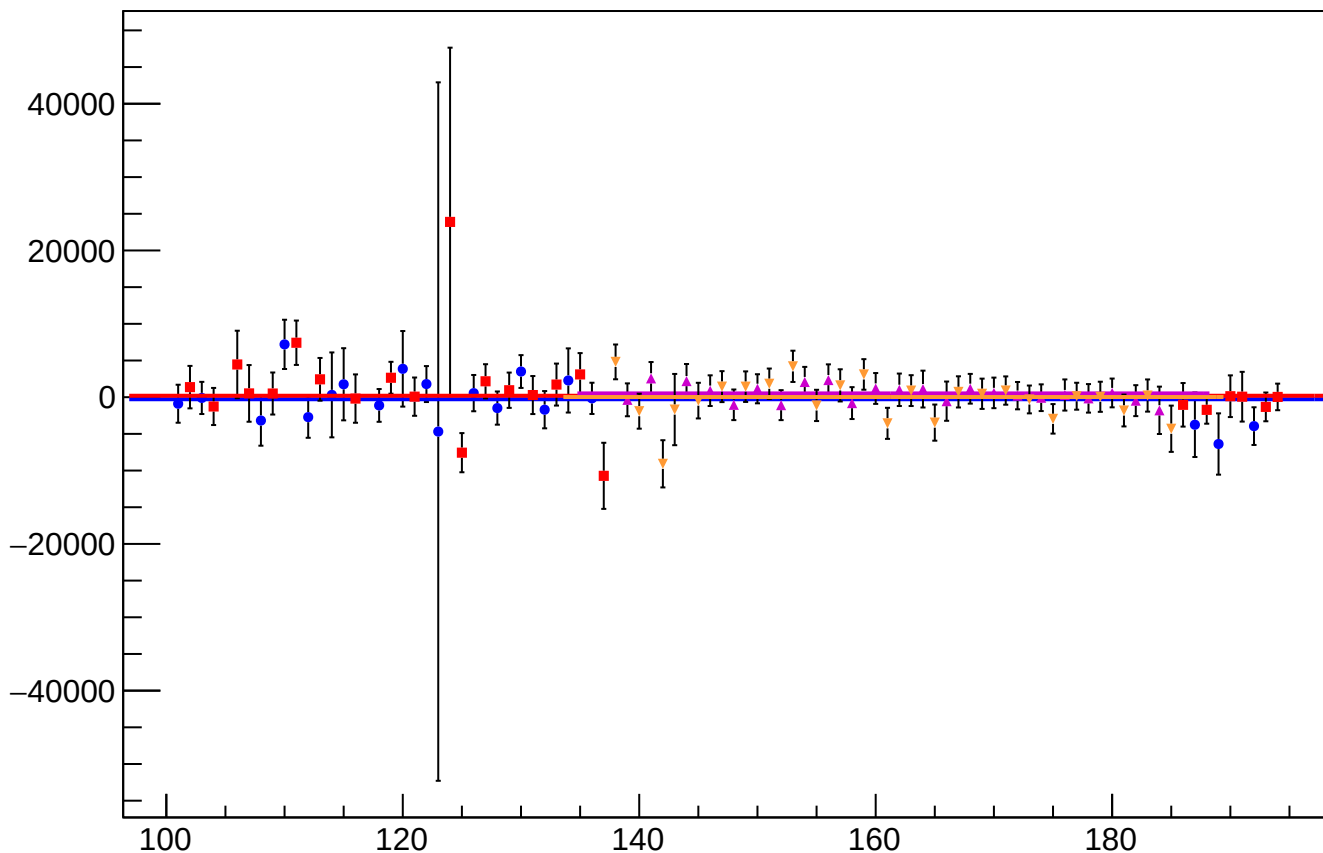
- sign -2540.810+/-875.765 χ^2/NDF : 51.1/46

asym_atl_avg_rms vs Slug



Right In: 3233.276+/-0.887	χ^2/NDF : 2131988.6/19	+ sign 4278.609+/-0.634	χ^2/NDF : 6179244.8/44
Left Out: 5366.944+/-0.905	χ^2/NDF : 1213541.3/24	All: 4284.409+/-0.441	χ^2/NDF : 13052417.0/9
Right Out: 3428.384+/-0.821	χ^2/NDF : 3042732.7/23	- sign 4289.875+/-0.615	χ^2/NDF : 6873009.4/46
Left In: 5391.987+/-0.929	χ^2/NDF : 1320415.5/22		

dit_asym_atl_dd_mean vs Slug



Right In: -279.197+/-648.118 χ^2/NDF : 16.9/19

Left Out: 23.375+/-440.724 χ^2/NDF : 31.7/24

Right Out: 196.559+/-550.683 χ^2/NDF : 28.2/23

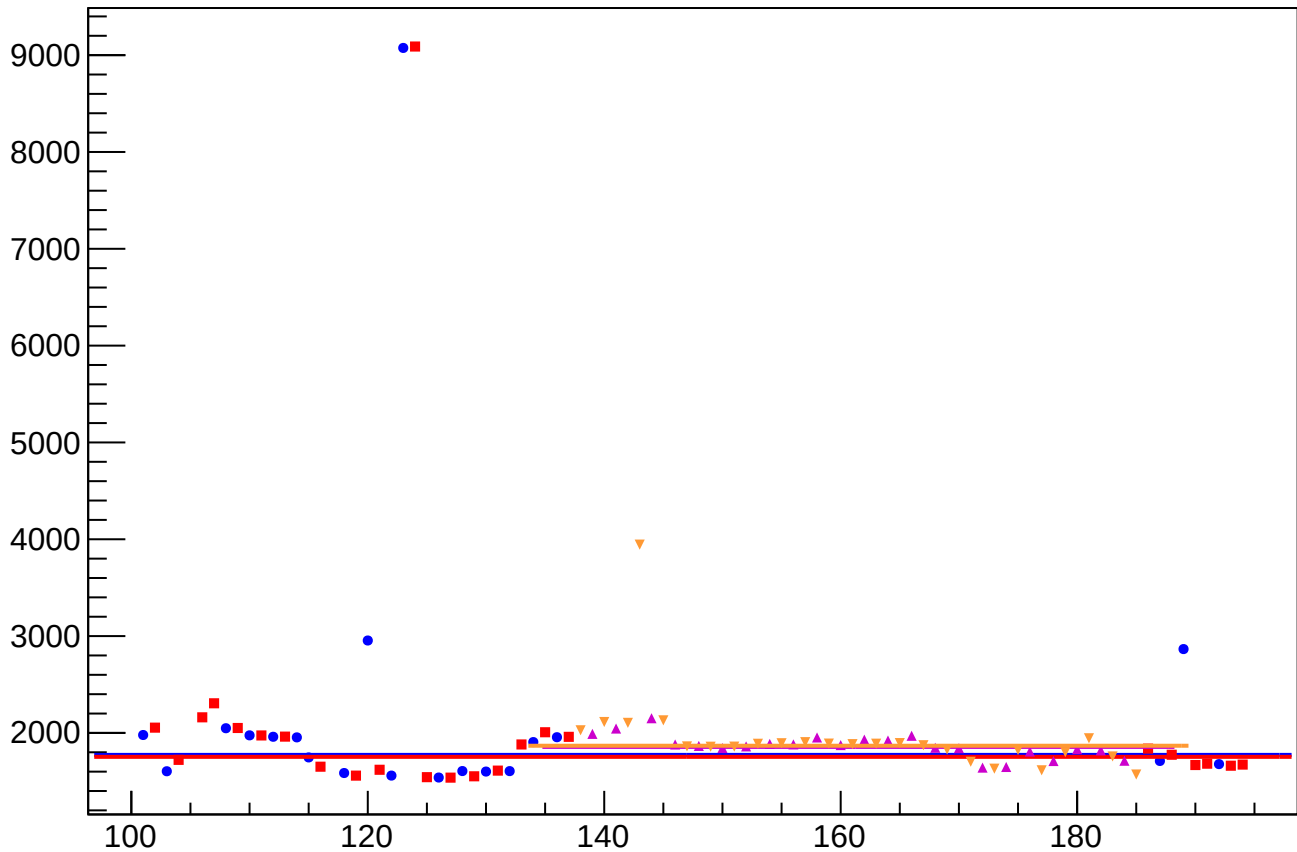
Left In: 514.693+/-444.402 χ^2/NDF : 5.9/22

+ sign -72.297+/-364.445 χ^2/NDF : 48.7/44

All: 170.546+/-250.864 χ^2/NDF : 83.9/91

- sign 389.221+/-345.835 χ^2/NDF : 34.4/46

dit_asym_atl_dd_rms vs Slug



Right In: 1773.047 $\pm$ 0.458 χ^2 /NDF: 442775.2/19

Left Out: 1867.539 $\pm$ 0.312 χ^2 /NDF: 545343.0/24

Right Out: 1752.859 $\pm$ 0.389 χ^2 /NDF: 423132.7/23

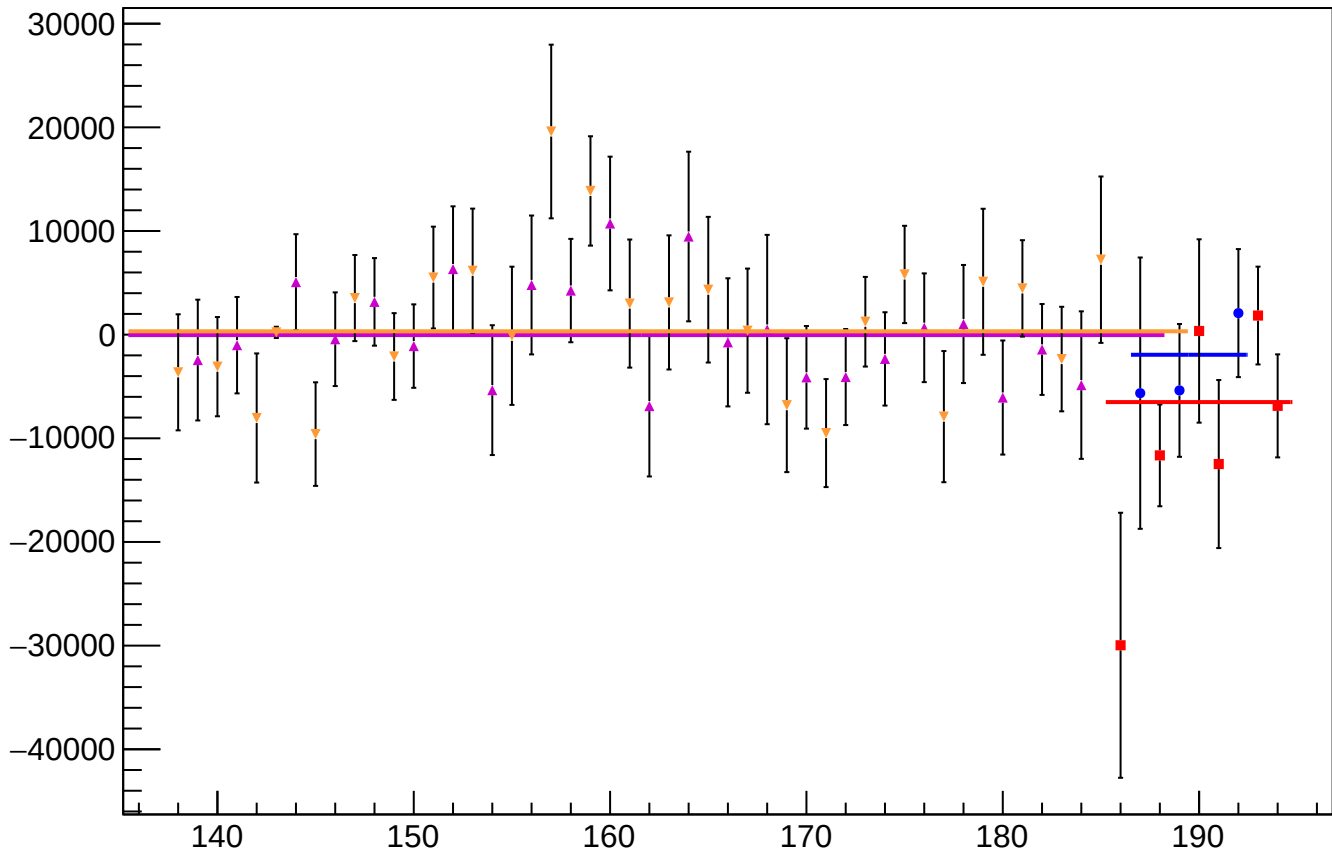
Left In: 1855.480 $\pm$ 0.314 χ^2 /NDF: 136219.4/22

+ sign 1837.661 $\pm$ 0.258 χ^2 /NDF: 1017188.2/44

All: 1825.709 $\pm$ 0.177 χ^2 /NDF: 1622740.6/91

- sign 1814.955 $\pm$ 0.244 χ^2 /NDF: 601466.0/46

asym_atl_dd_correction_mean vs Slug



Right In: -1940.565 ± 4210.476 χ^2/NDF : 0.8/2

Left Out: 325.135 ± 488.239 χ^2/NDF : 32.5/24

Right Out: -6504.975 ± 2491.807 χ^2/NDF : 8.7/5

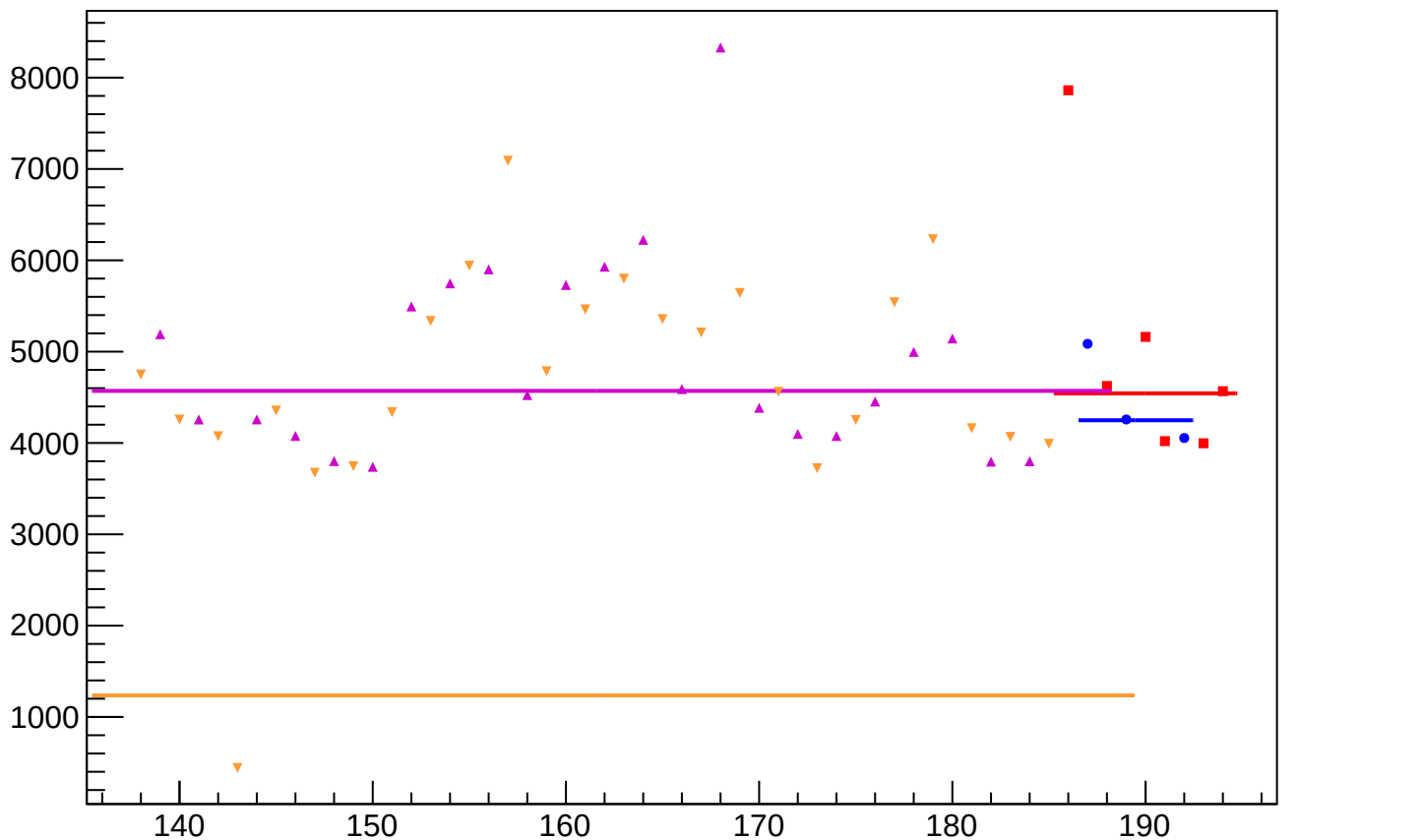
Left In: -40.142 ± 1109.747 χ^2/NDF : 13.9/22

+ sign 295.074 ± 484.989 χ^2/NDF : 33.6/27

All: 33.351 ± 437.500 χ^2/NDF : 63.4/56

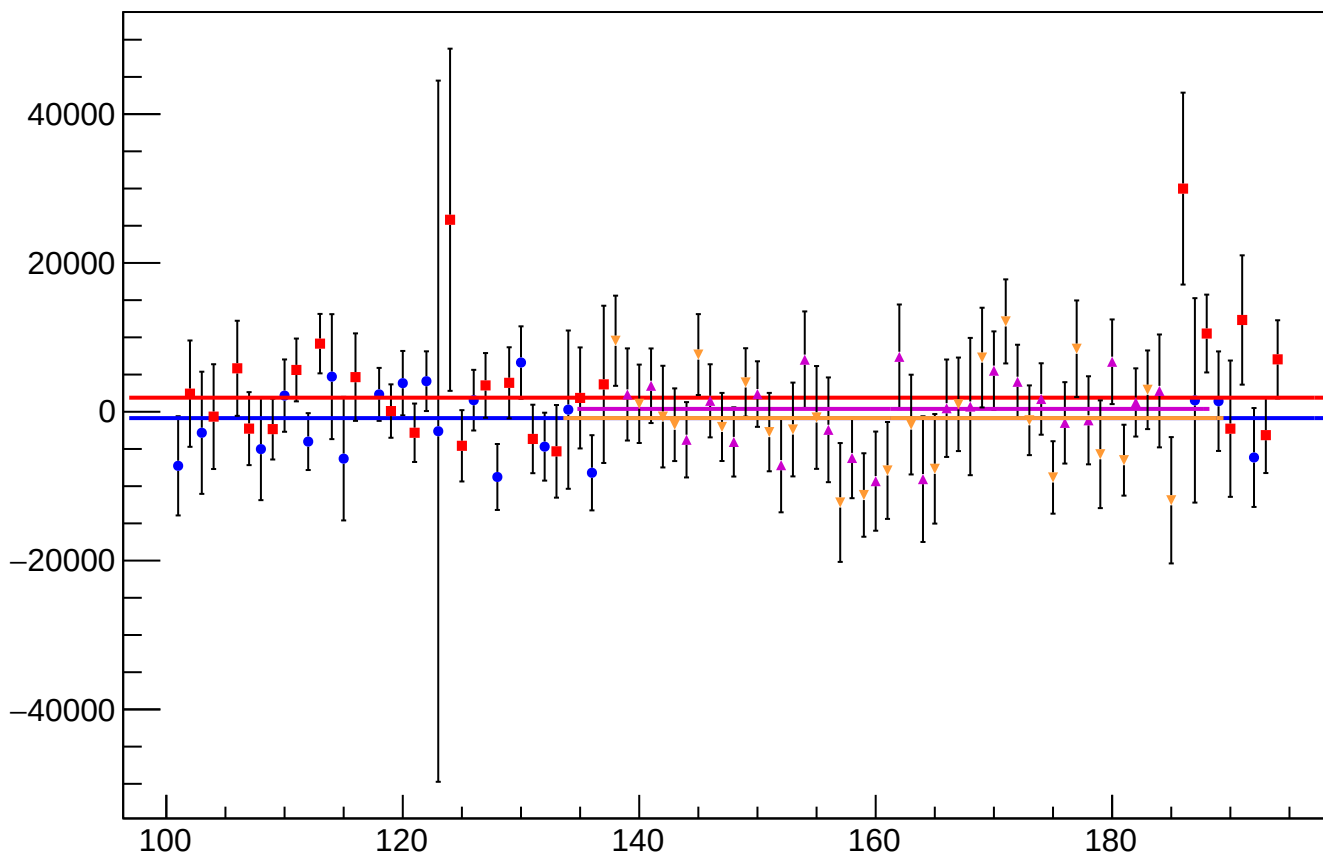
- sign -1110.169 ± 1013.755 χ^2/NDF : 28.2/28

asym_atl_dd_correction_rms vs Slug



Right In: 4248.784+/-2.977	χ^2/NDF : 10158.7/2	+ sign 1276.141+/-0.343	χ^2/NDF : 24416353.8/27
Left Out: 1236.170+/-0.345	χ^2/NDF : 23395886.7/24	All: 1888.848+/-0.309	χ^2/NDF : 42880885.5/5
Right Out: 4543.150+/-1.762	χ^2/NDF : 180292.8/5	- sign 4565.888+/-0.717	χ^2/NDF : 1325703.9/28
Left In: 4570.398+/-0.785	χ^2/NDF : 1145211.6/22		

asym_atl_dd_mean vs Slug



Right In: -852.784 ± 1201.551 χ^2/NDF : 16.3/19

Left Out: -845.427 ± 1152.677 χ^2/NDF : 30.0/24

Right Out: 1892.946 ± 1088.250 χ^2/NDF : 25.4/23

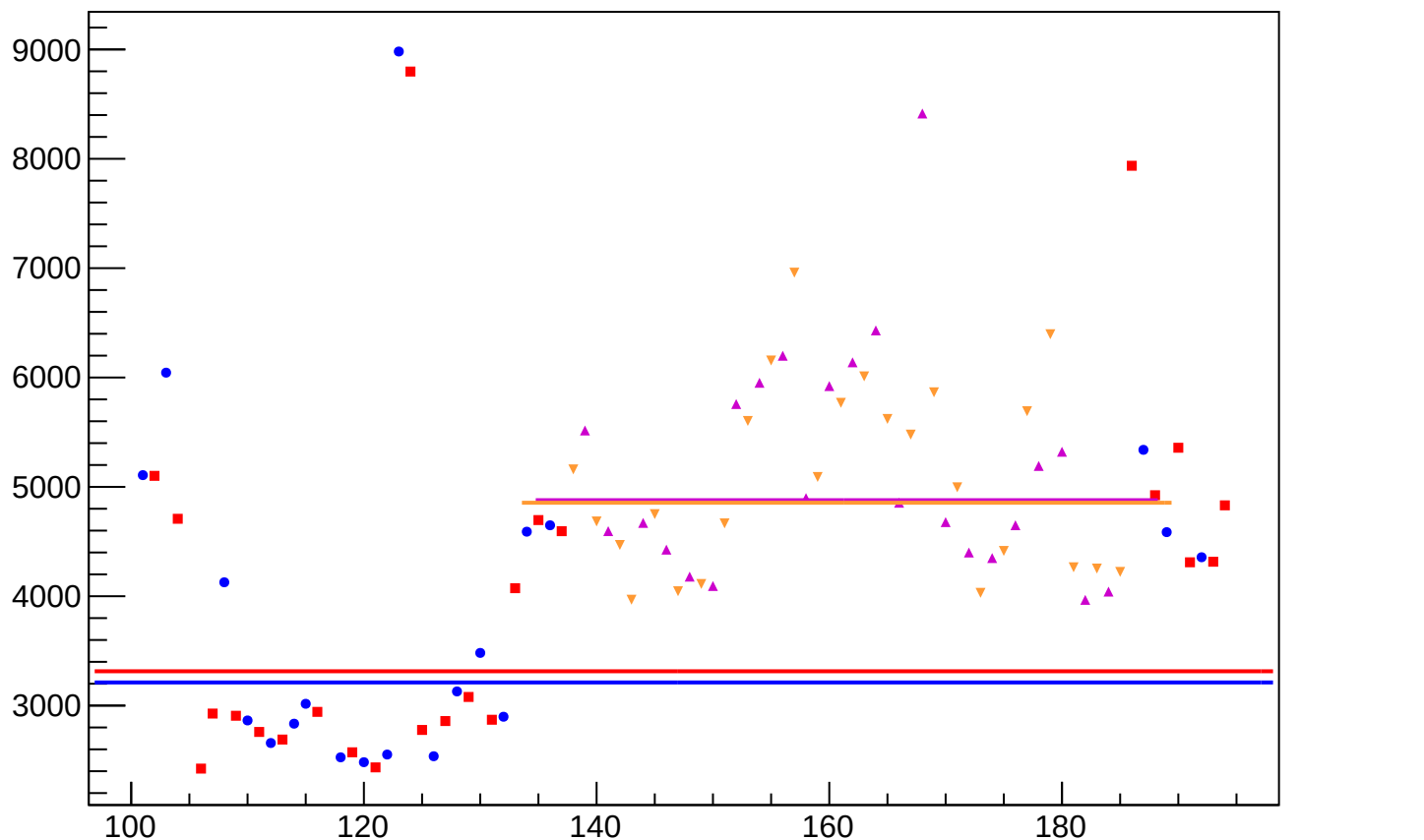
Left In: 385.098 ± 1181.458 χ^2/NDF : 13.9/22

+ sign -848.953 ± 831.807 χ^2/NDF : 46.3/44

All: 215.326 ± 576.765 χ^2/NDF : 89.7/91

- sign 1200.839 ± 800.435 χ^2/NDF : 40.2/46

asym_atl_dd_rms vs Slug



Right In: 3211.585+/-0.850 χ^2/NDF : 1165966.0/19

Left Out: 4854.932+/-0.815 χ^2/NDF : 895557.4/24

Right Out: 3313.860+/-0.761 χ^2/NDF : 1722819.8/23

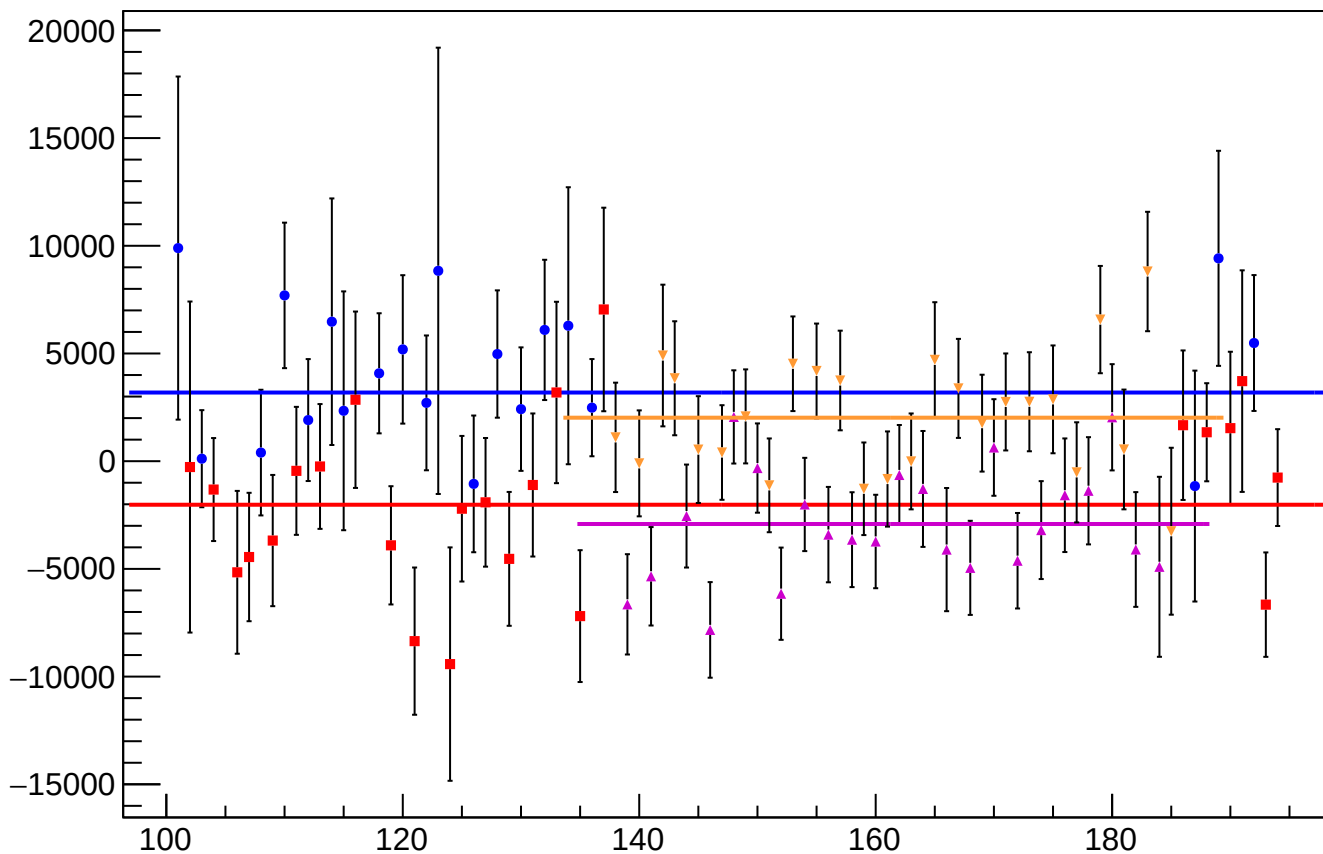
Left In: 4878.261+/-0.835 χ^2/NDF : 965222.2/22

+ sign 4067.356+/-0.588 χ^2/NDF : 4009737.4/44

All: 4044.611+/-0.407 χ^2/NDF : 8615957.5/91

- sign 4023.788+/-0.563 χ^2/NDF : 4603355.6/46

dit_asym_atr_avg_mean vs Slug



Right In: 3187.218 $\pm$ 754.612 χ^2 /NDF: 12.7/19

Left Out: 2019.326 $\pm$ 481.340 χ^2 /NDF: 27.1/24

Right Out: -2021.606 $\pm$ 646.830 χ^2 /NDF: 28.0/23

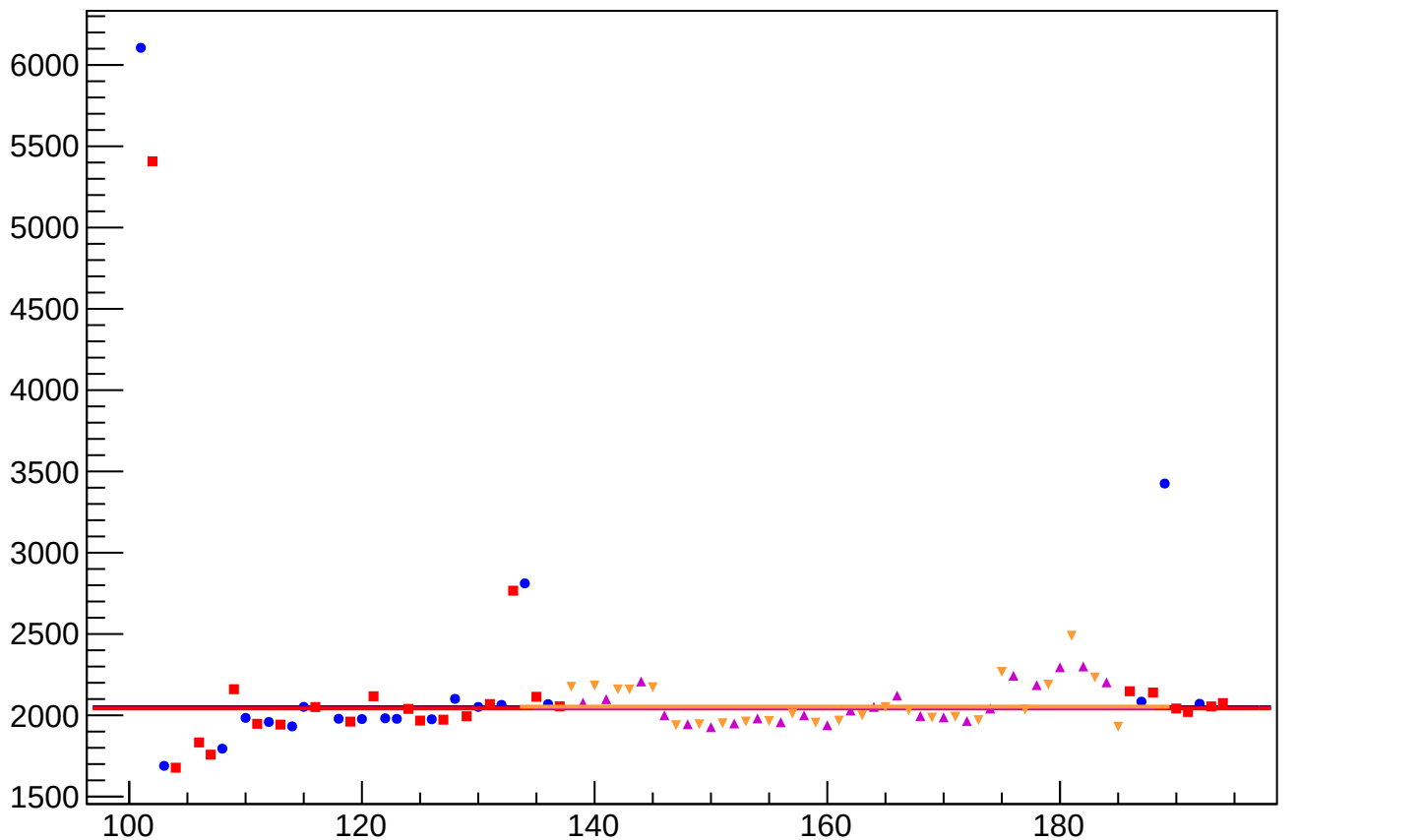
Left In: -2916.079 $\pm$ 489.445 χ^2 /NDF: 28.8/22

+ sign 2357.083 $\pm$ 405.812 χ^2 /NDF: 41.5/44

All: -213.017 $\pm$ 281.308 χ^2 /NDF: 176.7/91

- sign -2590.403 $\pm$ 390.301 χ^2 /NDF: 58.0/46

dit_asym_atr_avg_rms vs Slug



Right In: 2049.943 $\pm$ 0.534 χ^2 /NDF: 774088.2/19

Left Out: 2053.296 $\pm$ 0.340 χ^2 /NDF:136888.1/24

Right Out: 2042.350 $\pm$ 0.457 χ^2 /NDF: 533850.9/23

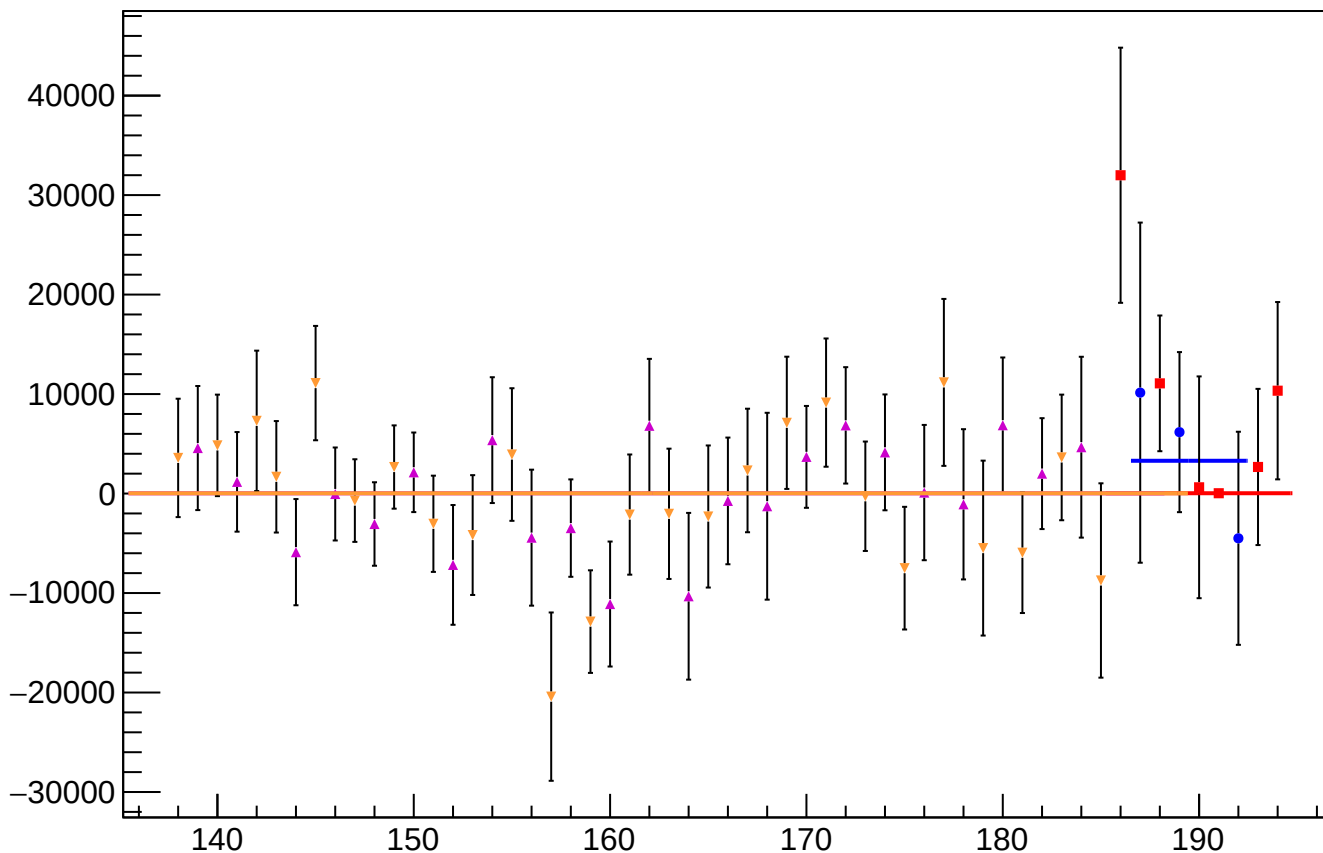
Left In: 2047.277 $\pm$ 0.346 χ^2 /NDF:103001.2/22

+ sign 2052.326 $\pm$ 0.287 χ^2 /NDF: 911004.3/44

All: 2048.771 $\pm$ 0.199 χ^2 /NDF: 1548225.7/91

- sign 2045.483 $\pm$ 0.276 χ^2 /NDF: 636925.9/46

asym_atr_avg_correction_mean vs Slug



Right In: 3294.210 $\pm$ 6020.289 χ^2 /NDF: 0.8/2

Left Out: 25.977 $\pm$ 1194.625 χ^2 /NDF: 29.2/24

Right Out: 31.732 $\pm$ 15.145 χ^2 /NDF: 10.3/5

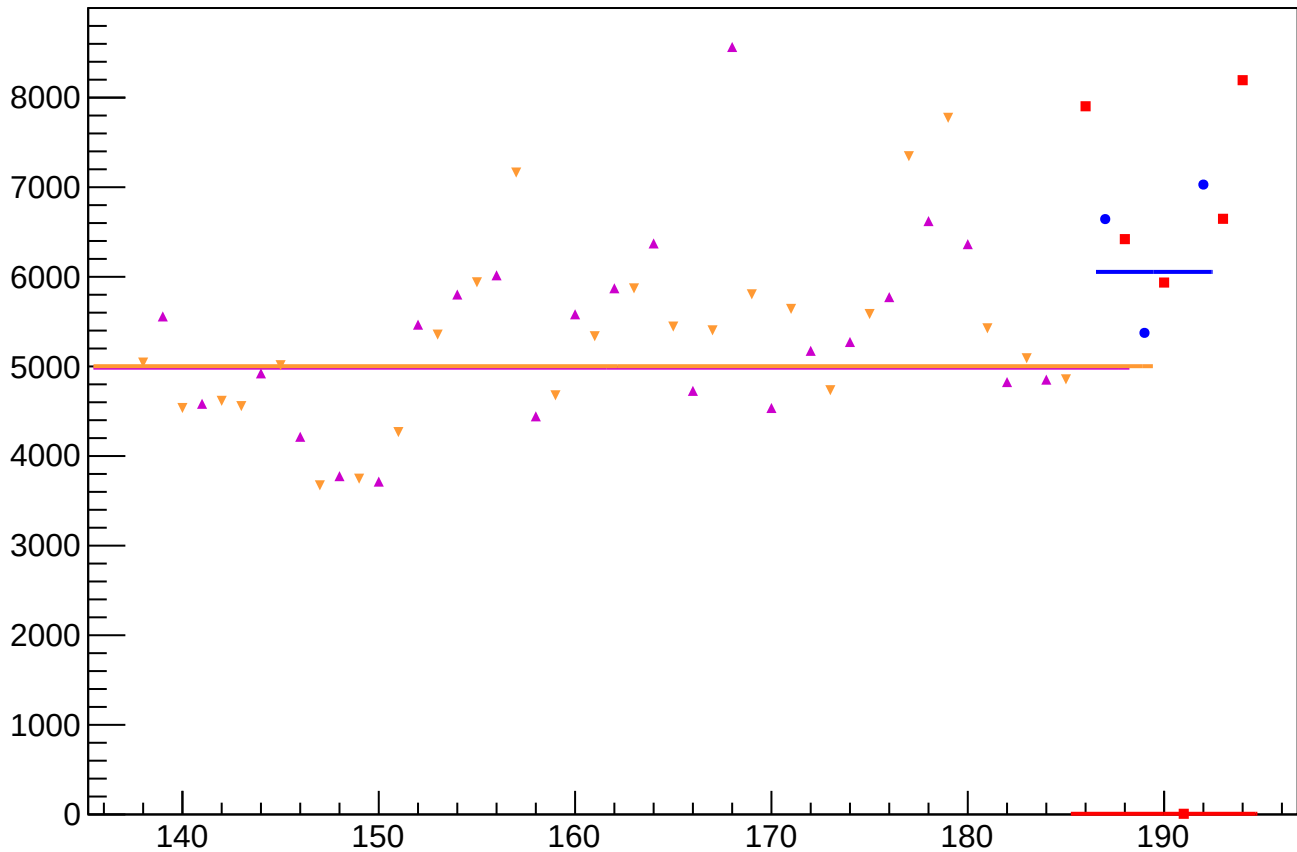
Left In: 23.765 $\pm$ 1211.652 χ^2 /NDF: 15.2/22

+ sign 149.791 $\pm$ 1171.778 χ^2 /NDF: 30.3/27

All: 31.751 $\pm$ 15.143 χ^2 /NDF: 55.8/56

- sign 31.731 $\pm$ 15.144 χ^2 /NDF: 25.5/28

asym_atr_avg_correction_rms vs Slug



Right In: 6054.997 $\pm$ 4.257 χ^2 /NDF: 33243.8/2

Left Out: 5002.559 $\pm$ 0.845 χ^2 /NDF: 1145597.1/24

+ sign 5042.429 $\pm$ 0.829 χ^2 /NDF: 1237646.2/27

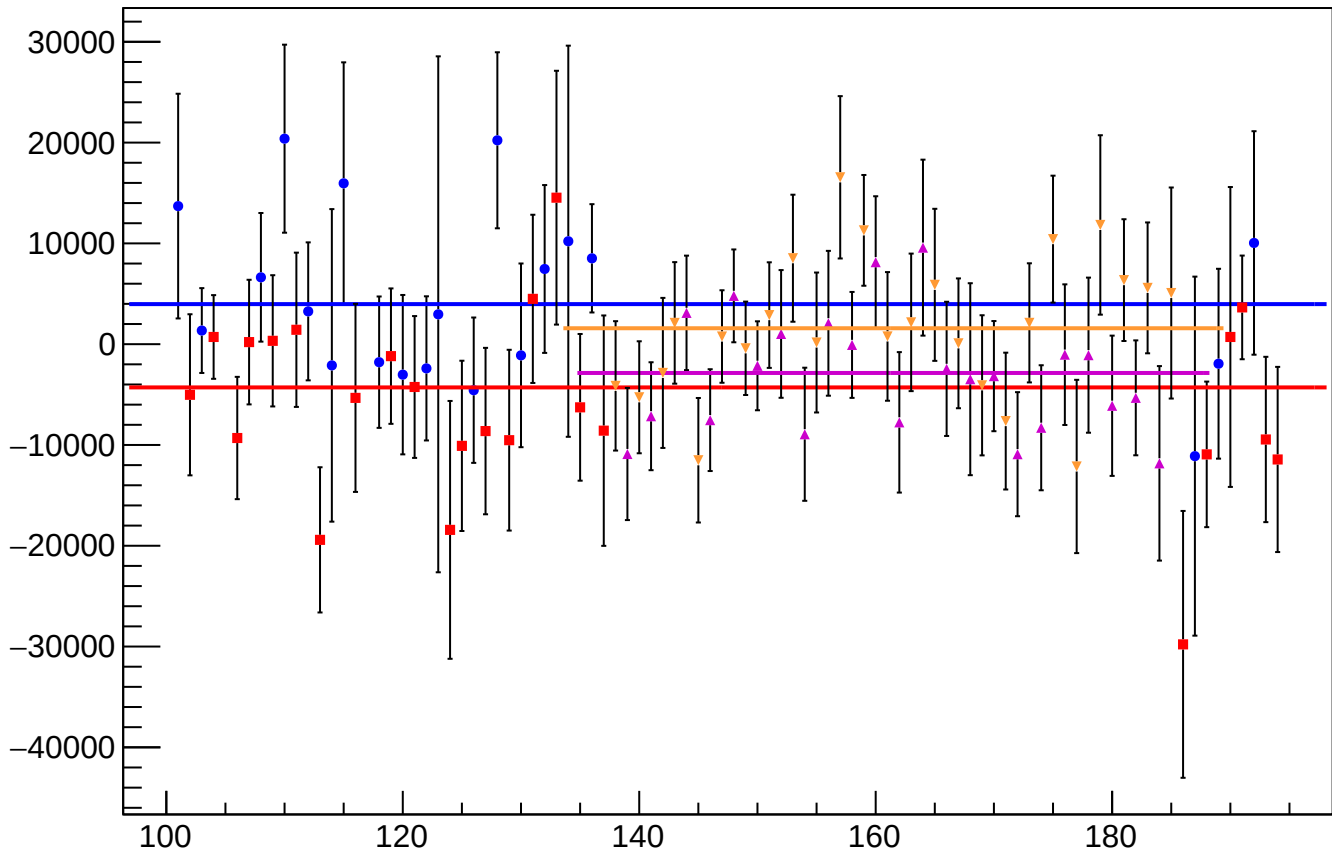
Right Out: 7.609 $\pm$ 0.011 χ^2 /NDF: 6211062.5/5

All: 9.227 $\pm$ 0.011 χ^2 /NDF: 79313514.6/56

- sign 8.386 $\pm$ 0.011 χ^2 /NDF: 41169560.8/28

Left In: 4986.169 $\pm$ 0.857 χ^2 /NDF: 1197602.7/22

asym_atr_avg_mean vs Slug



Right In: 3974.969+/-1789.441 χ^2/NDF : 15.5/19

Left Out: 1580.515+/-1266.098 χ^2/NDF : 25.2/24

Right Out: -4290.107+/-1526.505 χ^2/NDF : 22.3/23

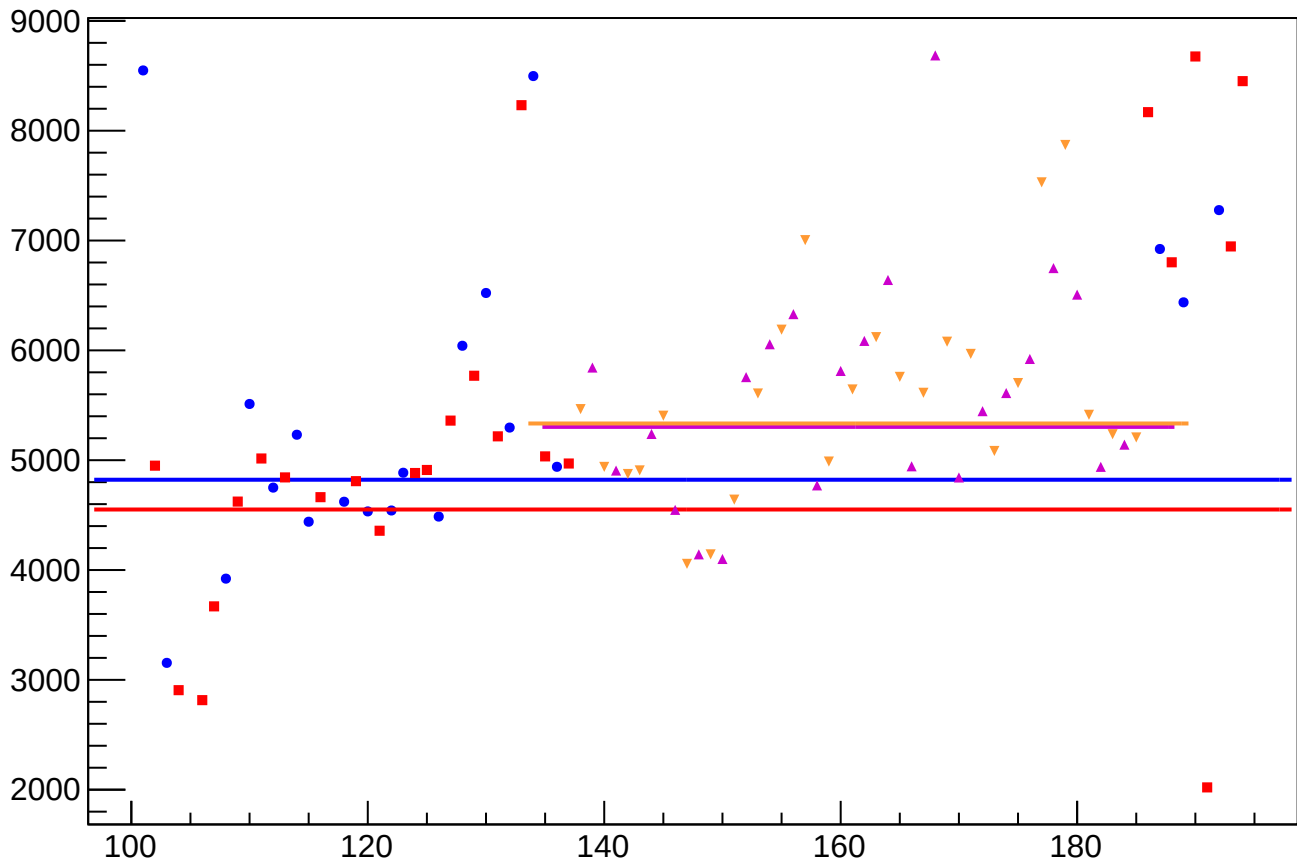
Left In: -2856.480+/-1284.131 χ^2/NDF : 18.1/22

+ sign 2379.315+/-1033.554 χ^2/NDF : 41.9/44

All: -682.659+/-712.163 χ^2/NDF : 99.5/91

- sign -3450.578+/-982.673 χ^2/NDF : 40.9/46

asym_atr_avg_rms vs Slug



Right In: 4822.107+/-1.265 χ^2 /NDF: 976431.4/19

Left Out: 5334.221+/-0.895 χ^2 /NDF: 865414.3/24

Right Out: 4551.078+/-1.075 χ^2 /NDF: 2331450.0/23

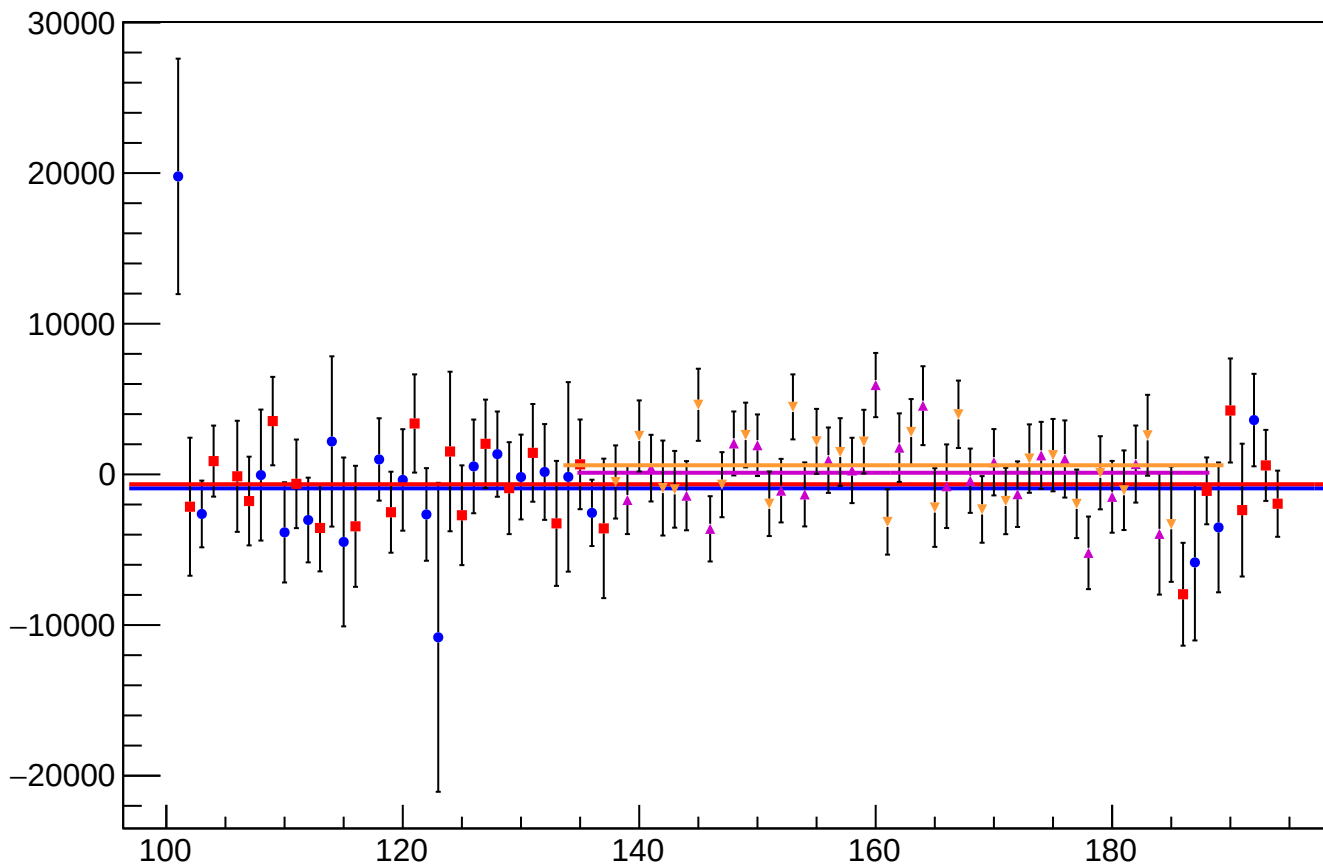
Left In: 5303.321+/-0.908 χ^2 /NDF: 960356.0/22

+ sign 5163.377+/-0.731 χ^2 /NDF: 1951005.0/44

All: 5072.117+/-0.503 χ^2 /NDF: 5558372.8/91

- sign 4989.931+/-0.694 χ^2 /NDF: 3577732.3/46

dit_asym_atr_dd_mean vs Slug



Right In: -926.736 ± 750.968 $\chi^2/\text{NDF}: 16.5/19$

Left Out: 605.796 ± 469.397 $\chi^2/\text{NDF}: 25.2/24$

Right Out: -653.083 ± 627.708 $\chi^2/\text{NDF}: 16.4/23$

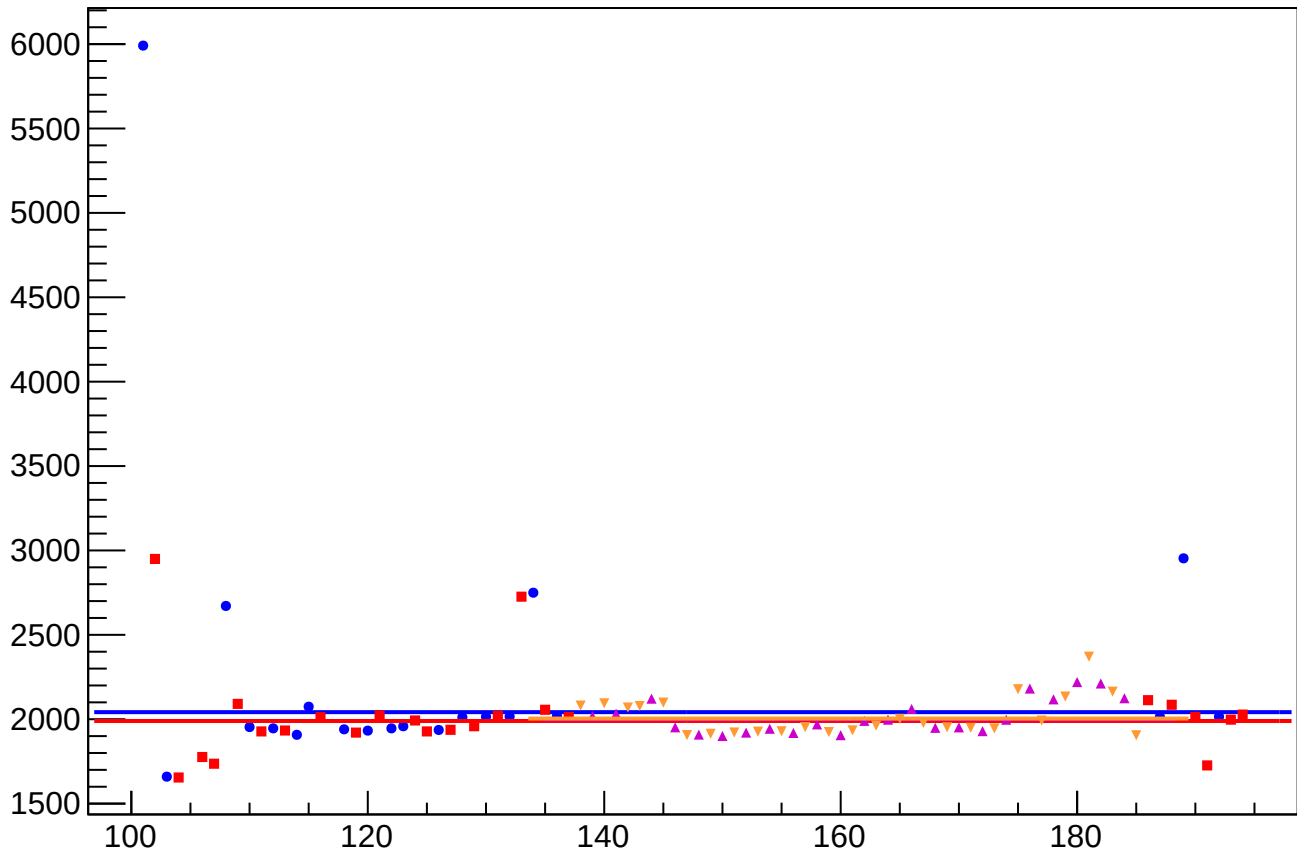
Left In: 108.365 ± 477.899 $\chi^2/\text{NDF}: 25.0/22$

+ sign 175.254 ± 398.038 $\chi^2/\text{NDF}: 44.8/44$

All: -5.810 ± 274.947 $\chi^2/\text{NDF}: 87.5/91$

- sign -171.044 ± 380.239 $\chi^2/\text{NDF}: 42.3/46$

dit_asym_atr_dd_rms vs Slug



Right In: 2041.949 $\pm$ 0.531 χ^2 /NDF: 742340.3/19

Left Out: 2003.987 $\pm$ 0.332 χ^2 /NDF: 99981.7/24

Right Out: 1989.564 $\pm$ 0.444 χ^2 /NDF: 235723.0/23

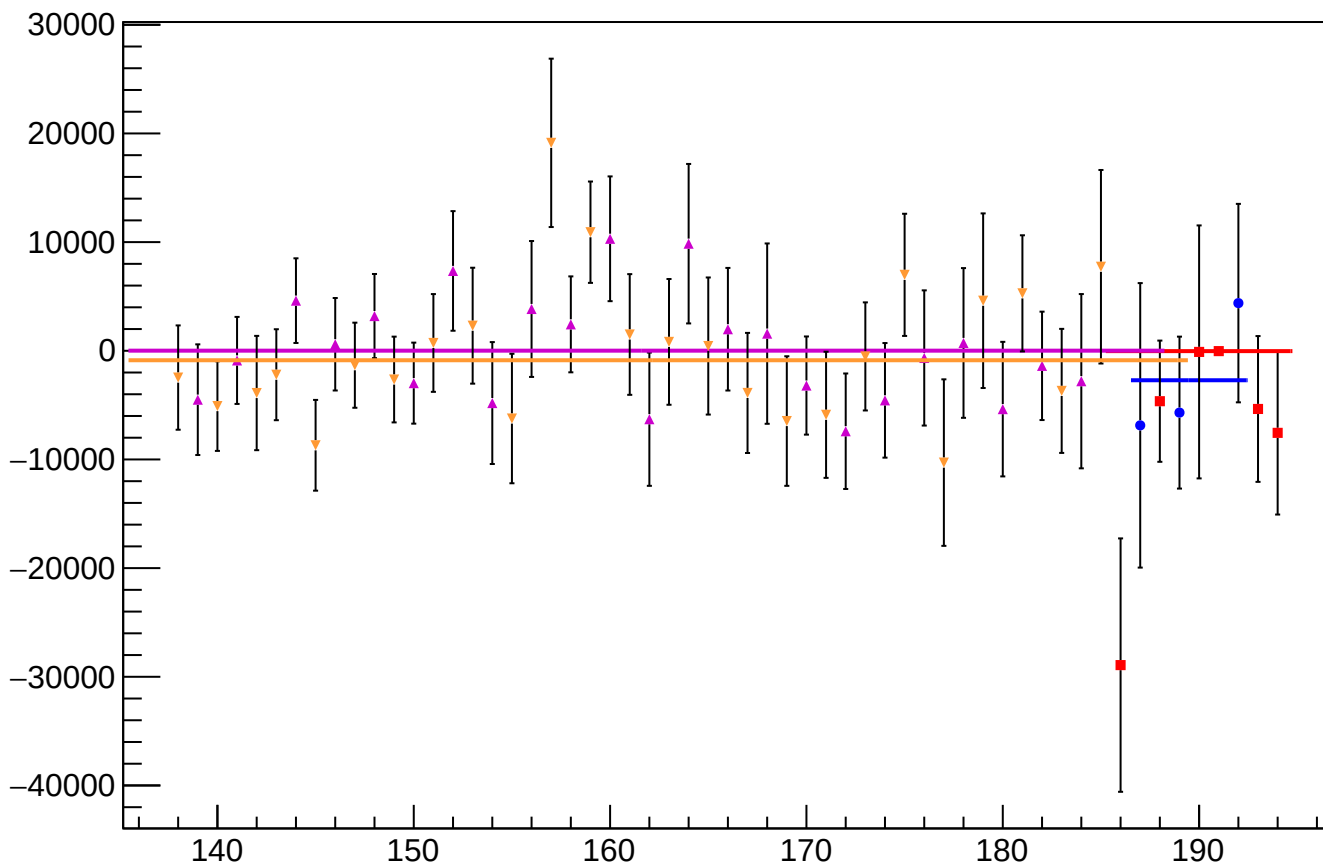
Left In: 2000.119 $\pm$ 0.338 χ^2 /NDF: 79688.8/22

+ sign 2014.652 $\pm$ 0.281 χ^2 /NDF: 845997.0/44

All: 2005.024 $\pm$ 0.194 χ^2 /NDF: 1164004.7/91

- sign 1996.242 $\pm$ 0.269 χ^2 /NDF: 315770.2/46

asym_atr_dd_correction_mean vs Slug



Right In: -2712.198 ± 5110.637 $\chi^2/\text{NDF}: 0.9/2$

Left Out: -871.296 ± 1043.390 $\chi^2/\text{NDF}: 28.3/24$

Right Out: -31.179 ± 14.261 $\chi^2/\text{NDF}: 8.5/5$

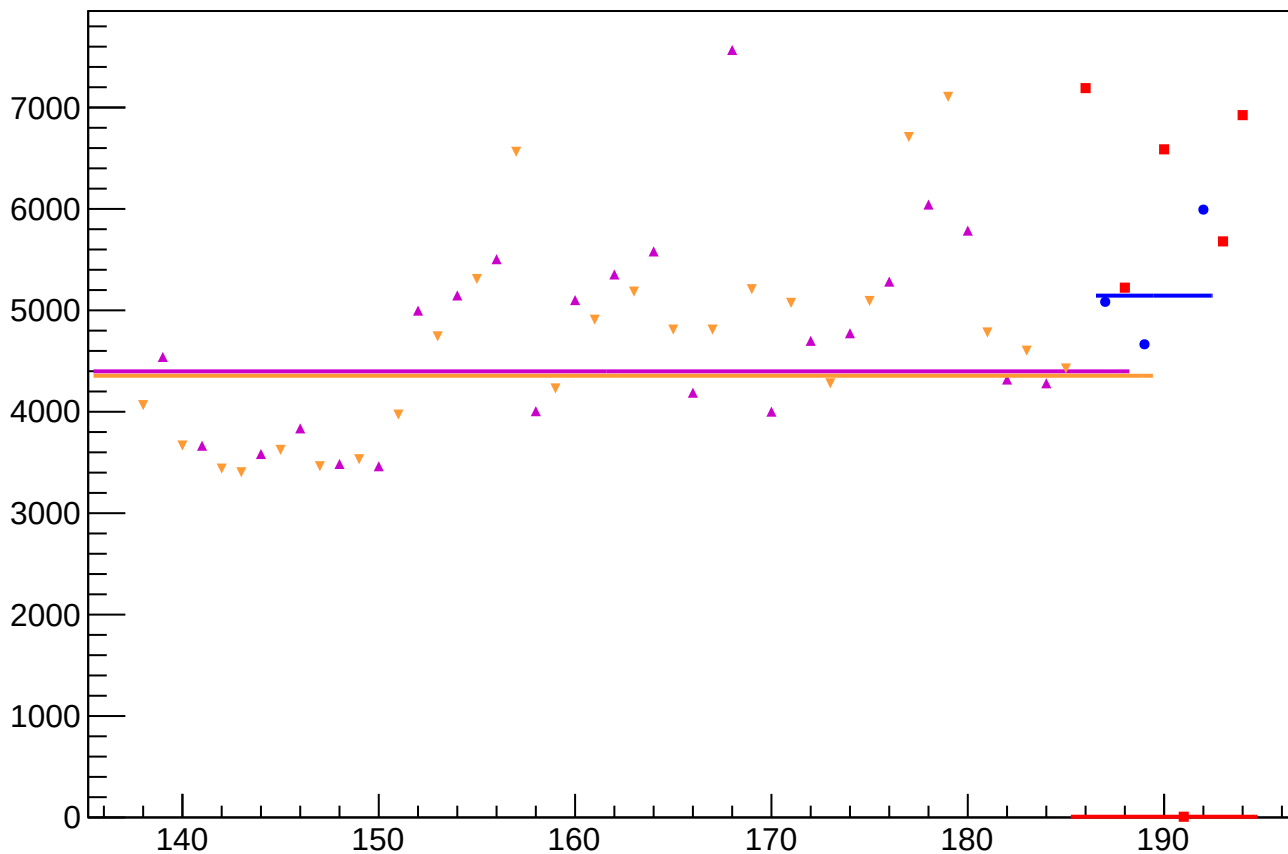
Left In: 10.945 ± 1070.258 $\chi^2/\text{NDF}: 17.2/22$

+ sign -944.957 ± 1022.302 $\chi^2/\text{NDF}: 29.3/27$

All: -31.349 ± 14.258 $\chi^2/\text{NDF}: 55.8/56$

- sign -31.171 ± 14.260 $\chi^2/\text{NDF}: 25.6/28$

asym_atr_dd_correction_rms vs Slug



Right In: 5145.002+/-3.614 χ^2/NDF : 26713.5/2

Left Out: 4355.202+/-0.738 χ^2/NDF : 1350492.3/24

Right Out: 7.174+/-0.010 χ^2/NDF : 6271996.0/5

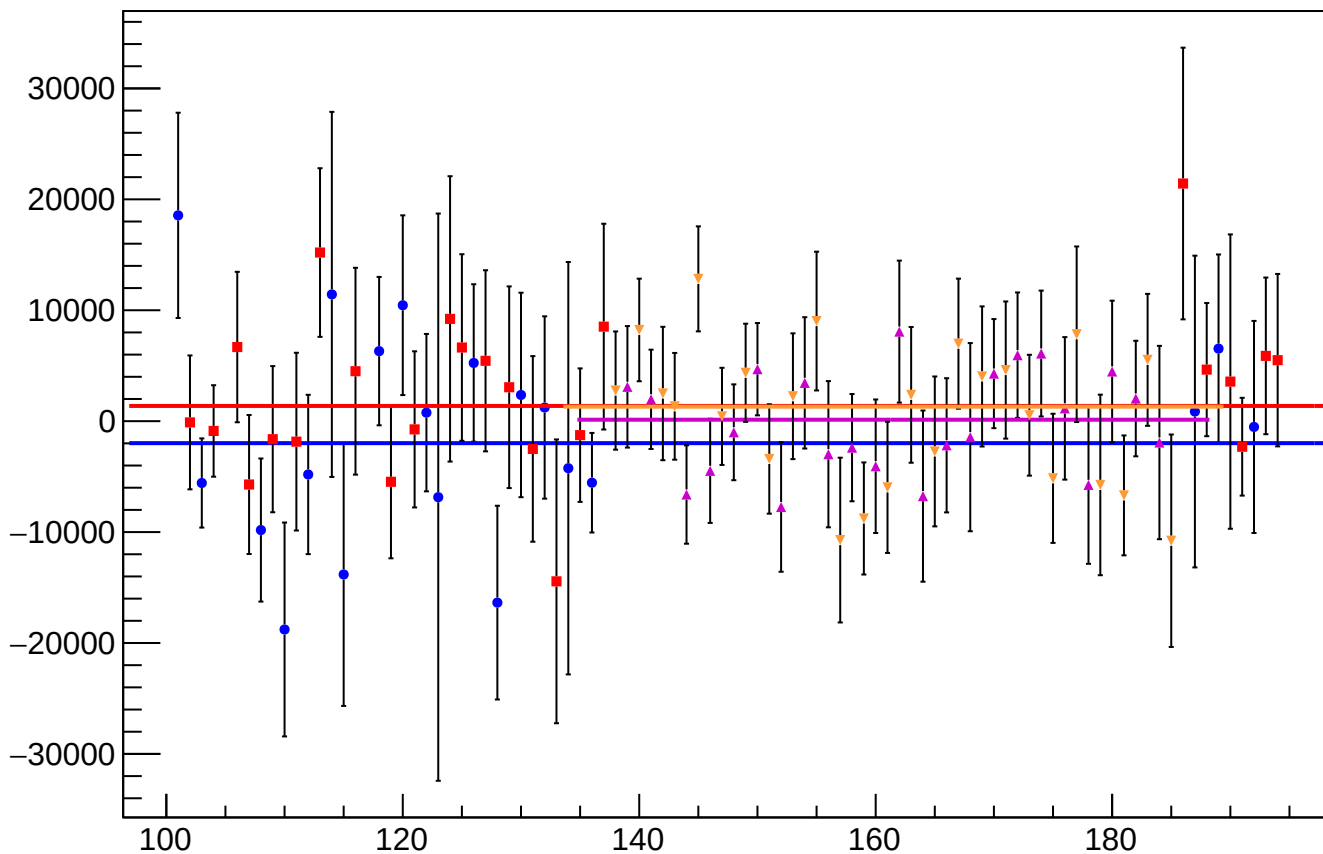
Left In: 4398.421+/-0.757 χ^2/NDF : 1278784.1/22

+ sign 4386.805+/-0.723 χ^2/NDF : 1423060.1/27

All: 8.806+/-0.010 χ^2/NDF : 79323324.0/56

- sign 7.954+/-0.010 χ^2/NDF : 41213667.6/28

asym_atr_dd_mean vs Slug



Right In: -1981.993 ± 1716.366 $\chi^2/\text{NDF}: 22.0/19$

Left Out: 1306.805 ± 1131.617 $\chi^2/\text{NDF}: 28.1/24$

Right Out: 1372.801 ± 1447.649 $\chi^2/\text{NDF}: 15.1/23$

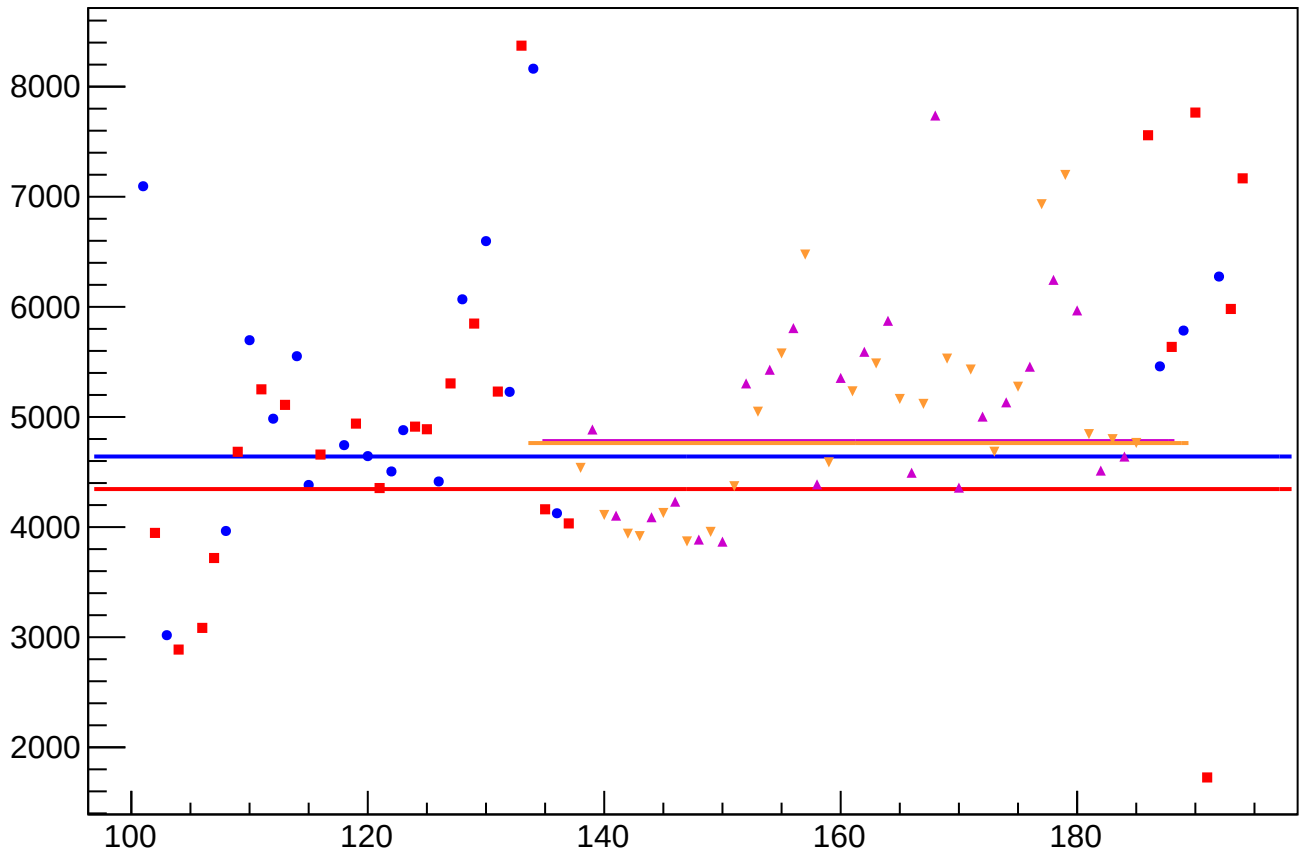
Left In: 131.428 ± 1157.282 $\chi^2/\text{NDF}: 14.9/22$

+ sign 310.347 ± 944.758 $\chi^2/\text{NDF}: 52.7/44$

All: 469.626 ± 653.136 $\chi^2/\text{NDF}: 83.1/91$

- sign 615.439 ± 903.940 $\chi^2/\text{NDF}: 30.4/46$

asym_atr_dd_rms vs Slug



Right In: 4641.095+/-1.214 χ^2/NDF : 881029.4/19

Left Out: 4763.190+/-0.800 χ^2/NDF : 941856.9/24

Right Out: 4345.352+/-1.019 χ^2/NDF : 2187638.5/23

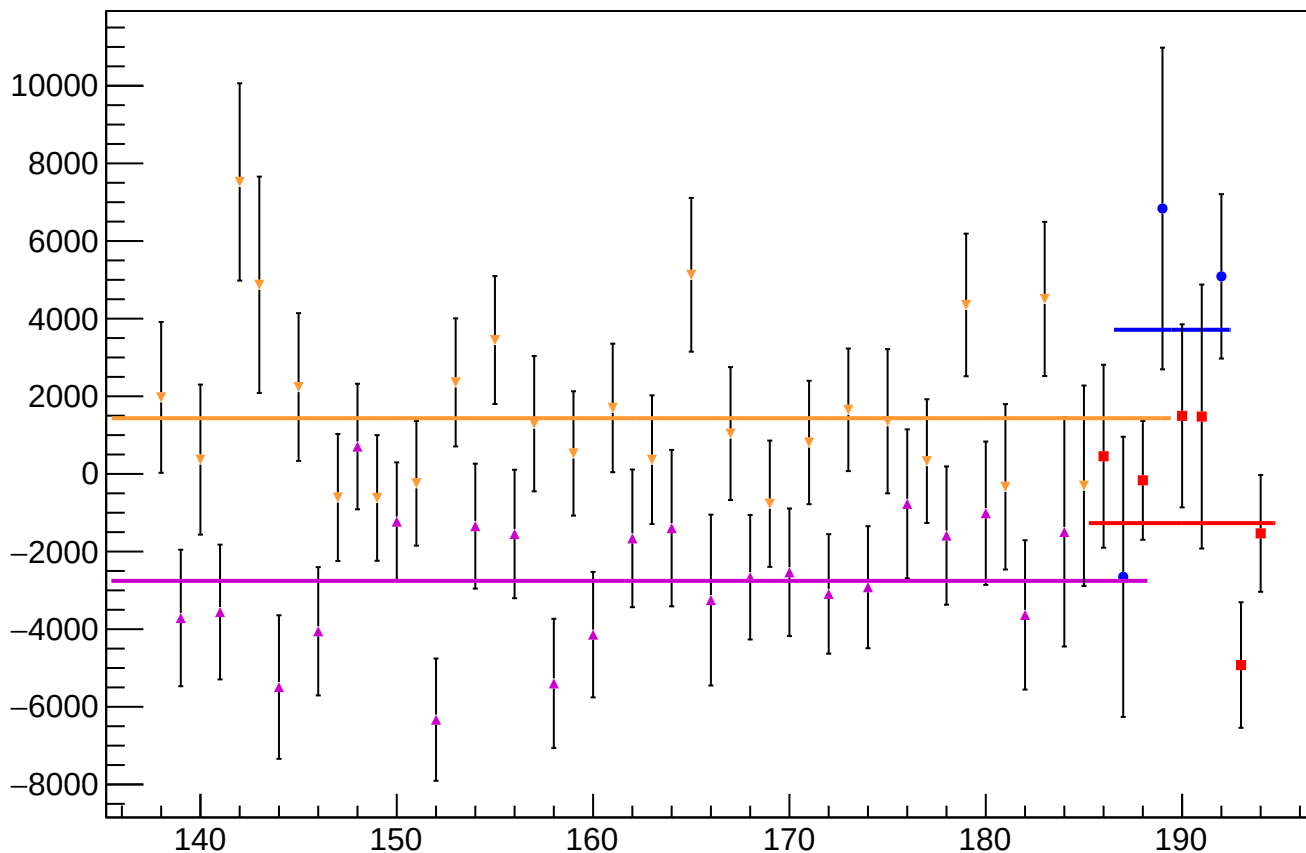
Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

+ sign 4726.197+/-0.668 χ^2/NDF : 1829940.5/44

All: 4665.650+/-0.461 χ^2/NDF : 5095974.4/91

- sign 4610.398+/-0.638 χ^2/NDF : 3250323.5/46

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 3713.894 $\pm$ 1671.704 χ^2/NDF : 4.1/2

Left Out: 1435.504 $\pm$ 358.178 χ^2/NDF : 26.7/24

Right Out: -1267.286 $\pm$ 767.685 χ^2/NDF : 8.2/5

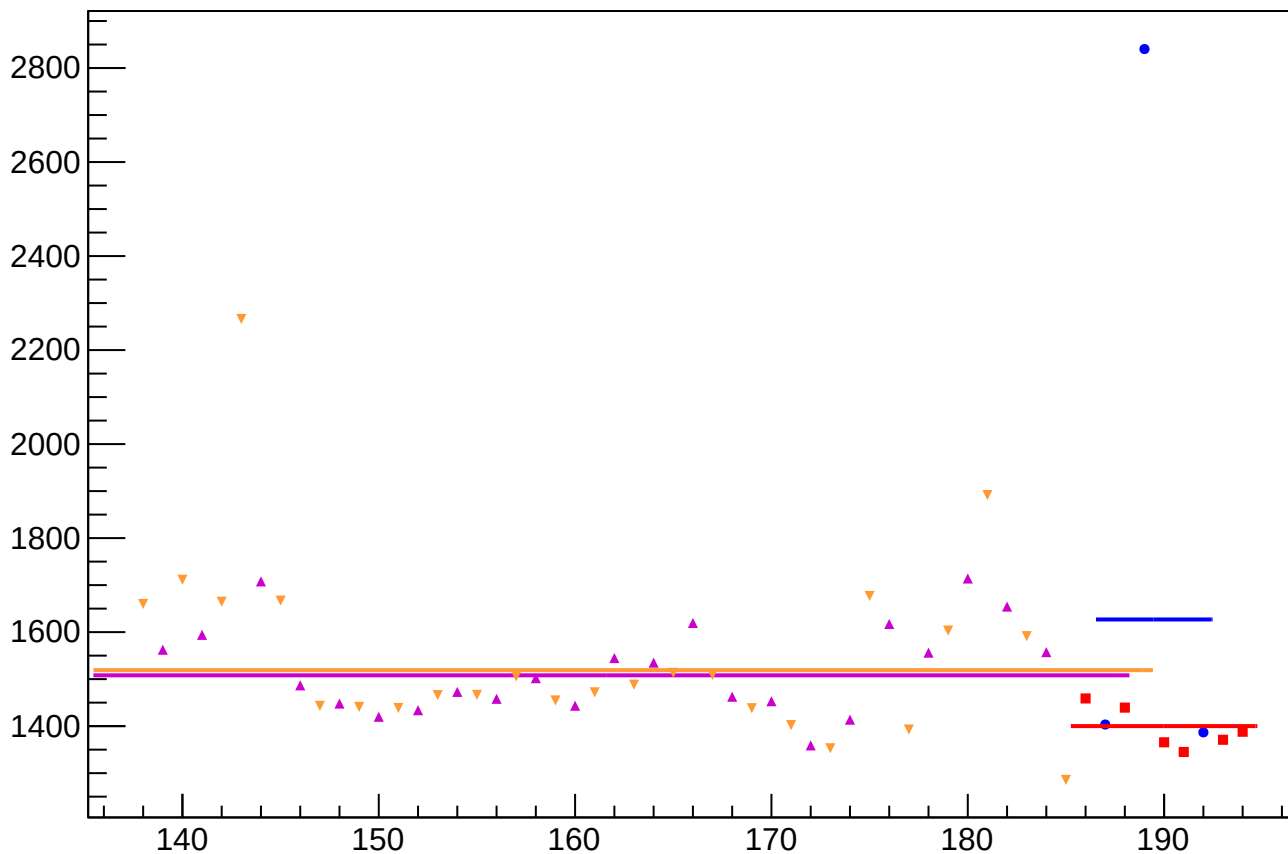
Left In: -2754.889 $\pm$ 361.672 χ^2/NDF : 22.4/22

+ sign 1535.507 $\pm$ 350.229 χ^2/NDF : 32.6/27

All: -611.216 $\pm$ 239.085 χ^2/NDF : 136.6/56

- sign -2484.683 $\pm$ 327.180 χ^2/NDF : 33.6/28

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1626.950+/-1.182 χ^2 /NDF: 204916.1/2

Left Out: 1519.092+/-0.253 χ^2 /NDF:365839.2/24

Right Out: 1400.086+/-0.543 χ^2 /NDF: 4285.7/5

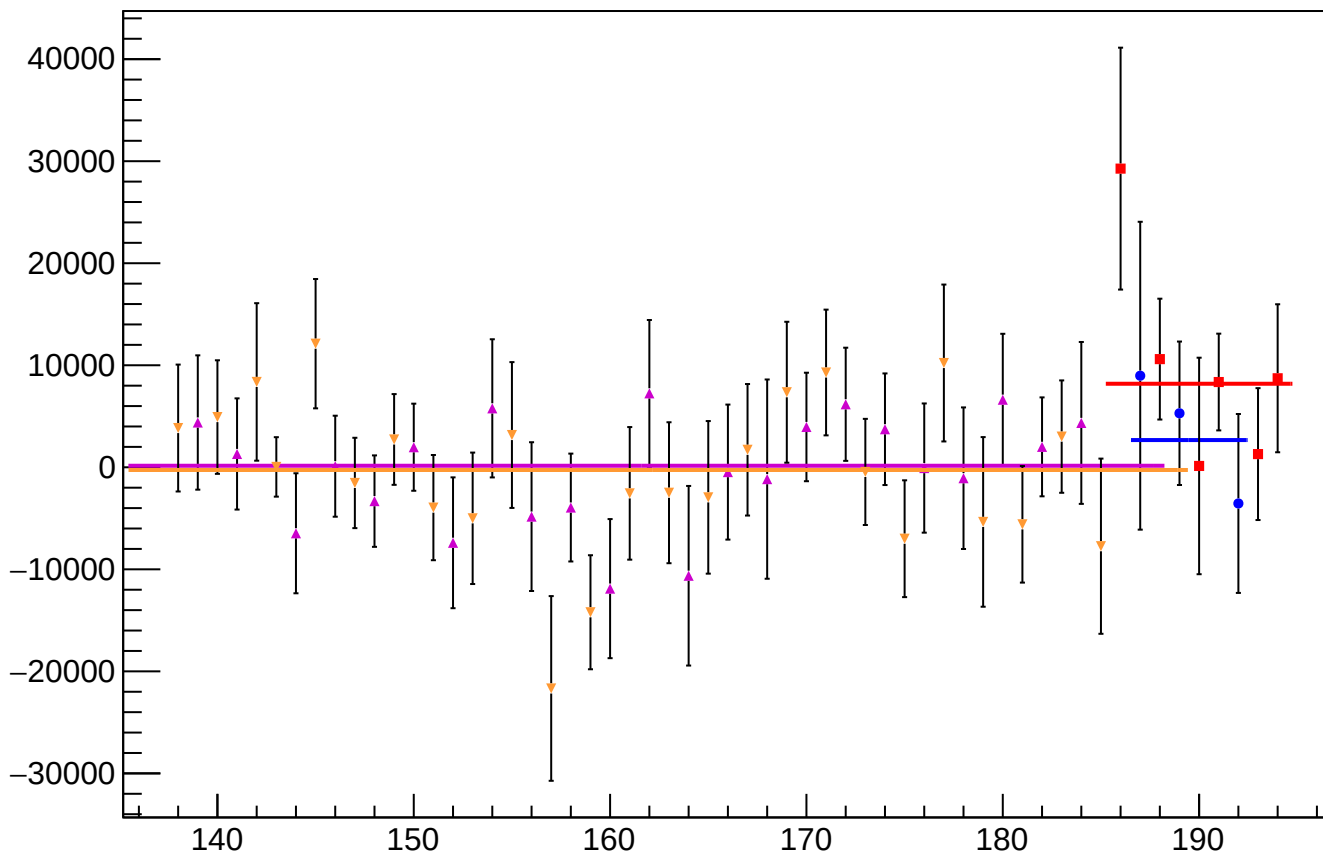
Left In: 1508.111+/-0.256 χ^2 /NDF:131488.7/22

+ sign 1523.826+/-0.248 χ^2 /NDF: 578715.3/27

All: 1504.957+/-0.169 χ^2 /NDF: 757770.0/56

- sign 1488.490+/-0.231 χ^2 /NDF: 168182.9/28

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 2669.057 $\pm$ 5154.499 χ^2 /NDF: 0.8/2

Left Out: -264.324 $\pm$ 1151.119 χ^2 /NDF:29.7/24

Right Out: 8187.913 $\pm$ 2752.871 χ^2 /NDF: 5.1/5

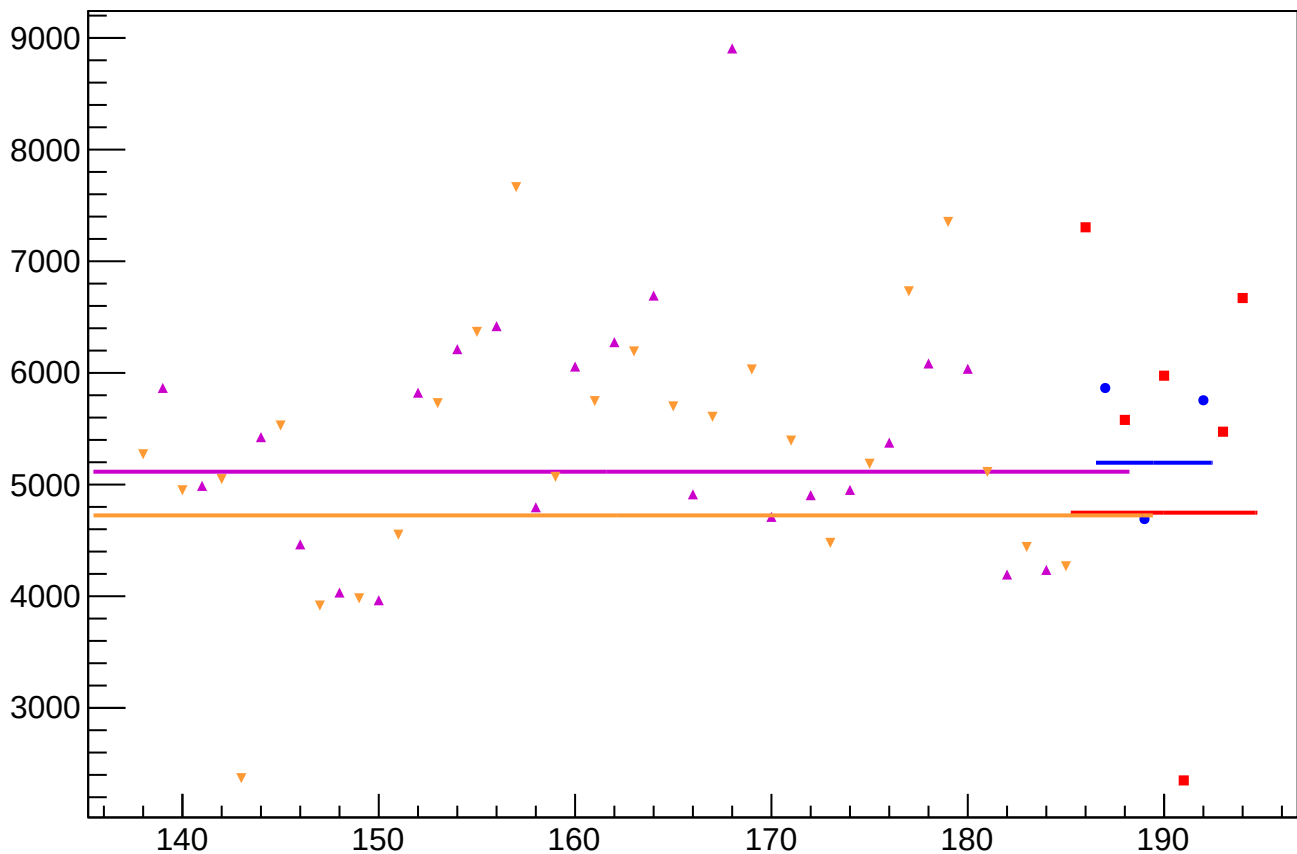
Left In: 151.239 $\pm$ 1241.800 χ^2 /NDF:14.9/22

+ sign -124.976 $\pm$ 1123.445 χ^2 /NDF: 30.8/27

All: 686.376 $\pm$ 797.389 χ^2 /NDF: 58.9/56

- sign 1510.075 $\pm$ 1131.961 χ^2 /NDF: 27.0/28

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5195.814+/-3.645 χ^2/NDF : 22377.0/2

Left Out: 4724.027+/-0.814 χ^2/NDF : 2537532.1/24

Right Out: 4748.391+/-1.947 χ^2/NDF : 836442.3/5

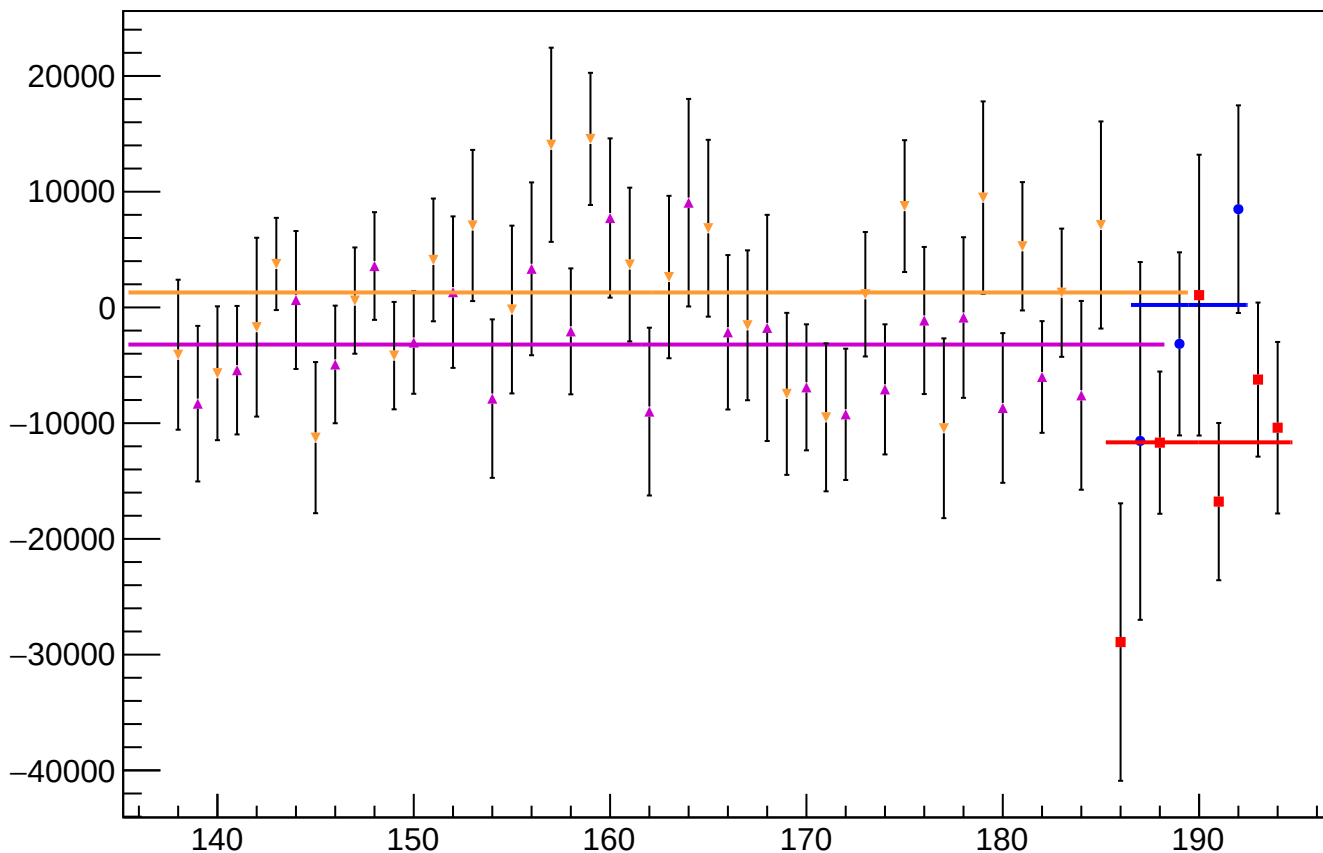
Left In: 5115.139+/-0.878 χ^2/NDF : 1131347.2/22

+ sign 4746.439+/-0.794 χ^2/NDF : 2575868.4/27

All: 4898.626+/-0.564 χ^2/NDF : 4647114.9/56

- sign 5053.130+/-0.800 χ^2/NDF : 1997284.8/28

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 213.783+/-5538.861 χ^2/NDF : 1.6/2

Left Out: 1292.246+/-1215.761 χ^2/NDF : 27.8/24

Right Out: -11656.734+/-3120.692 χ^2/NDF : 4.4/5

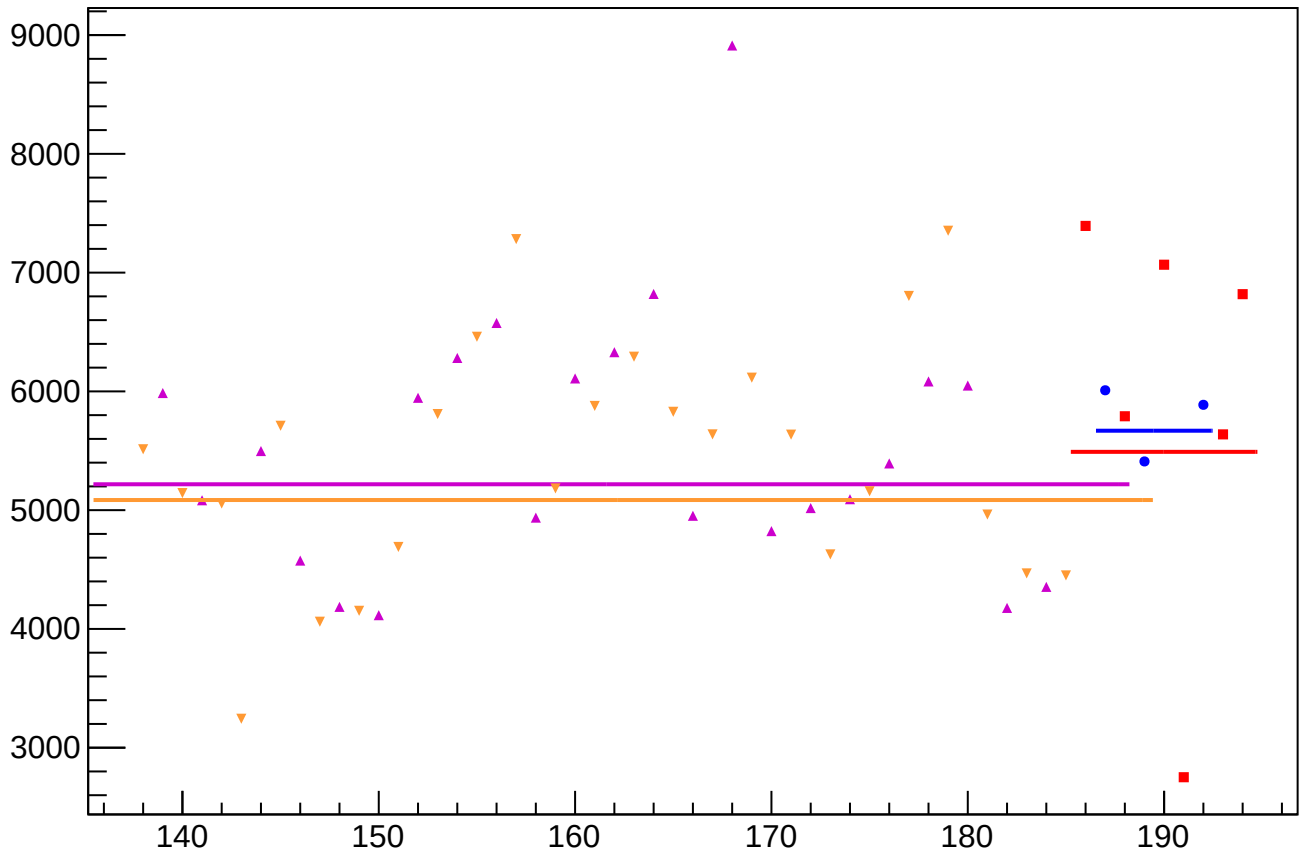
Left In: -3205.363+/-1265.586 χ^2/NDF : 13.9/22

+ sign 1242.675+/-1187.492 χ^2/NDF : 29.5/27

All: -1613.265+/-834.445 χ^2/NDF : 65.5/56

- sign -4399.025+/-1172.811 χ^2/NDF : 24.6/28

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 5668.922+/-3.917 χ^2/NDF : 4291.4/2

Left Out: 5085.307+/-0.860 χ^2/NDF :1356698.4/24

Right Out: 5490.991+/-2.207 χ^2/NDF : 479285.2/5

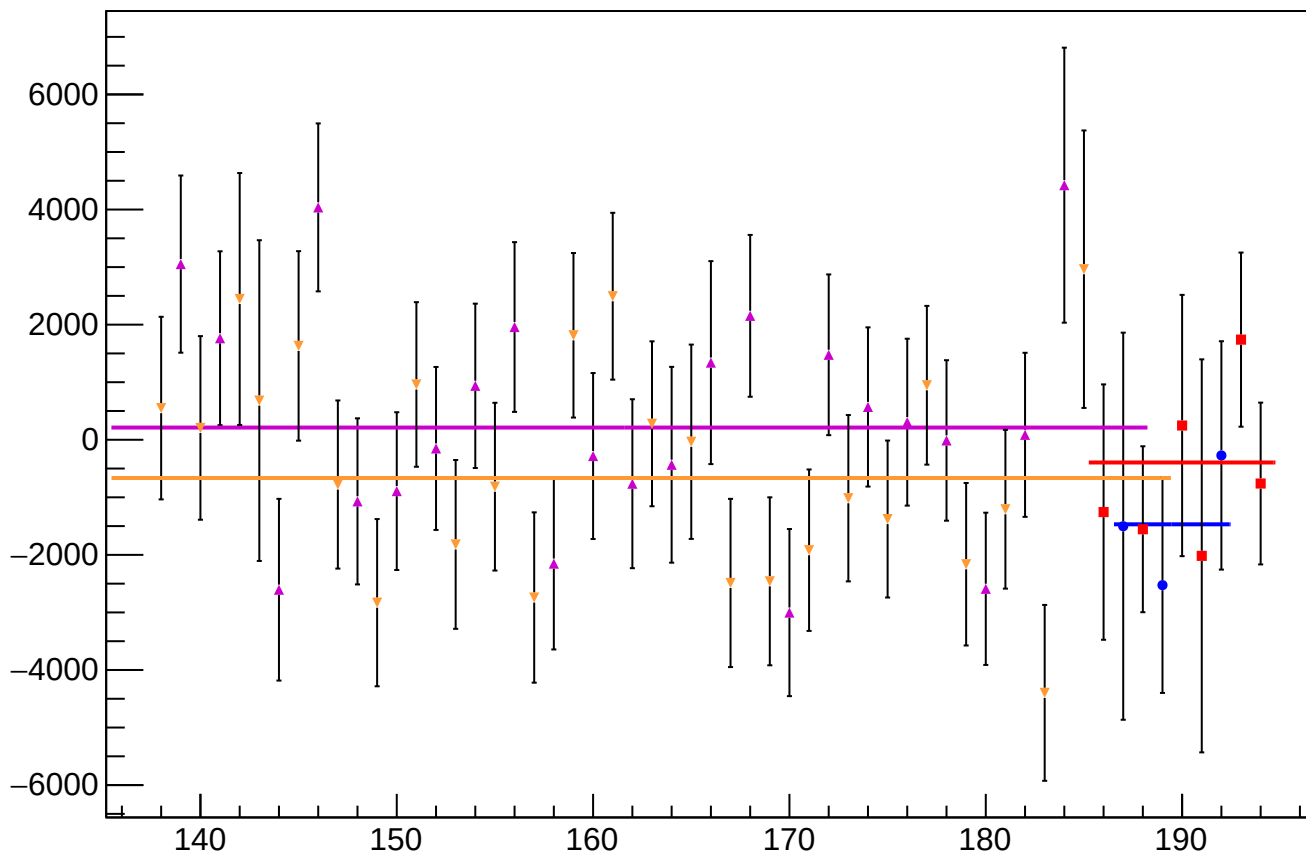
Left In: 5217.971+/-0.895 χ^2/NDF :1058996.1/22

+ sign 5112.132+/-0.840 χ^2/NDF : 1382173.7/27

All: 5185.230+/-0.590 χ^2/NDF : 2948571.7/56

- sign 5256.532+/-0.829 χ^2/NDF : 1551427.2/28

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1469.041 $\pm$ 1262.310 χ^2 /NDF: 0.7/2

Left Out: -664.362 $\pm$ 305.119 χ^2 /NDF:34.6/24

Right Out: -394.905 $\pm$ 724.086 χ^2 /NDF: 3.2/5

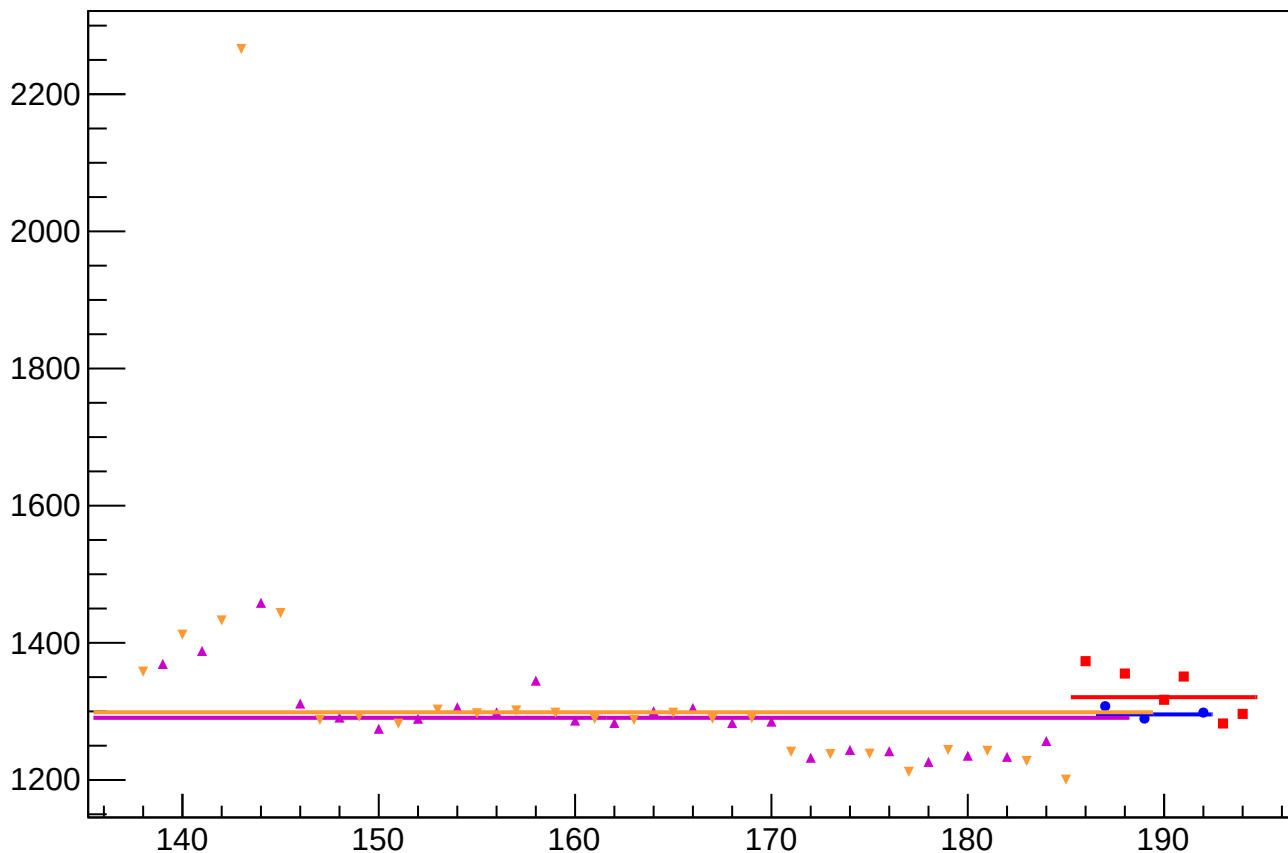
Left In: 212.071 $\pm$ 308.597 χ^2 /NDF:36.6/22

+ sign -708.781 $\pm$ 296.578 χ^2 /NDF: 35.7/27

All: -276.926 $\pm$ 205.079 χ^2 /NDF: 80.1/56

- sign 118.769 $\pm$ 283.890 χ^2 /NDF: 40.4/28

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1295.616+/-0.893 χ^2/NDF : 50.2/2

Left Out: 1298.743+/-0.216 χ^2/NDF : 310344.8/24

Right Out: 1320.759+/-0.512 χ^2/NDF : 4309.5/5

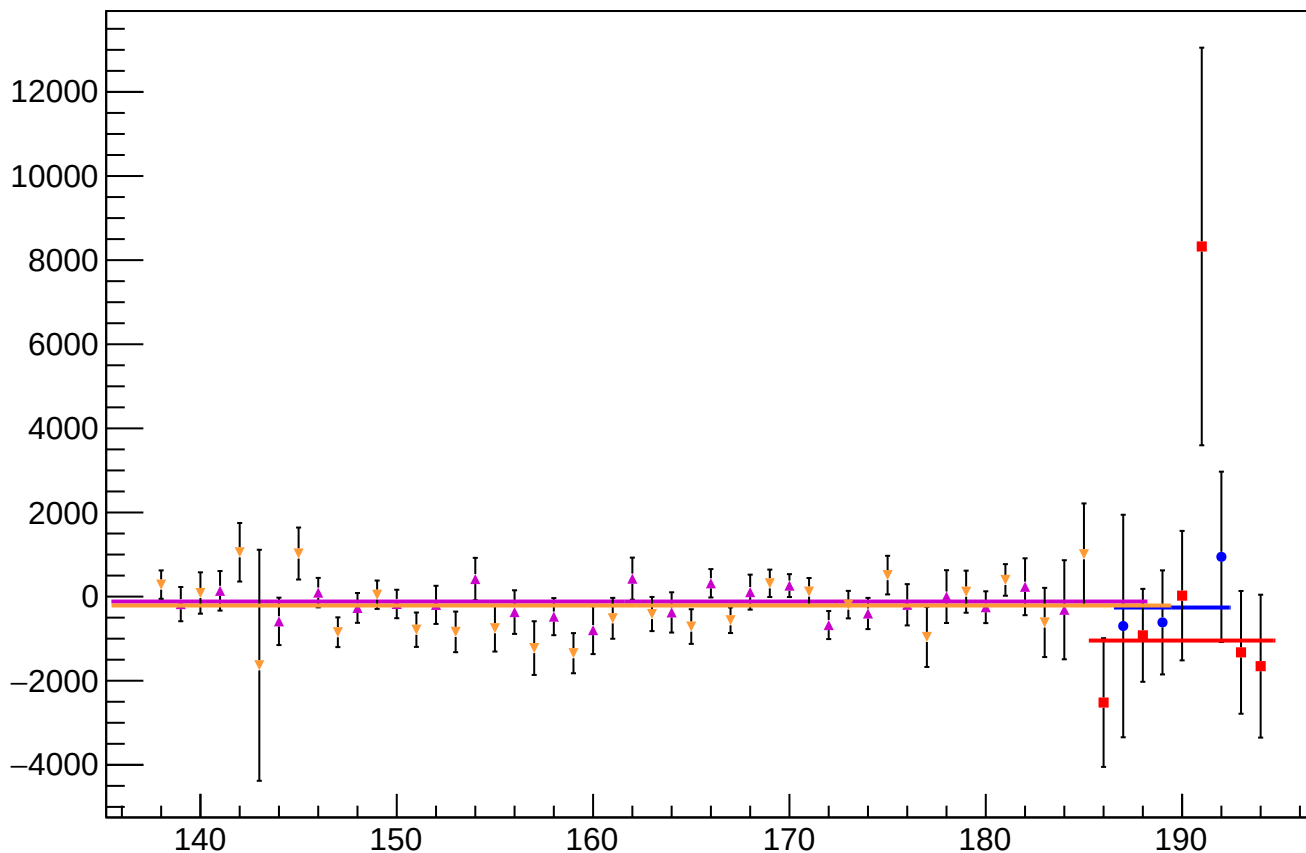
Left In: 1290.644+/-0.218 χ^2/NDF : 59427.8/22

+ sign 1298.571+/-0.210 χ^2/NDF : 310406.6/27

All: 1296.850+/-0.145 χ^2/NDF : 377200.4/56

- sign 1295.274+/-0.201 χ^2/NDF : 66664.9/28

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -259.534 $\pm$ 980.585 χ^2 /NDF: 0.5/2

Left Out: -211.646 $\pm$ 87.670 χ^2 /NDF:41.7/24

Right Out: -1044.884 $\pm$ 628.779 χ^2 /NDF: 5.5/5

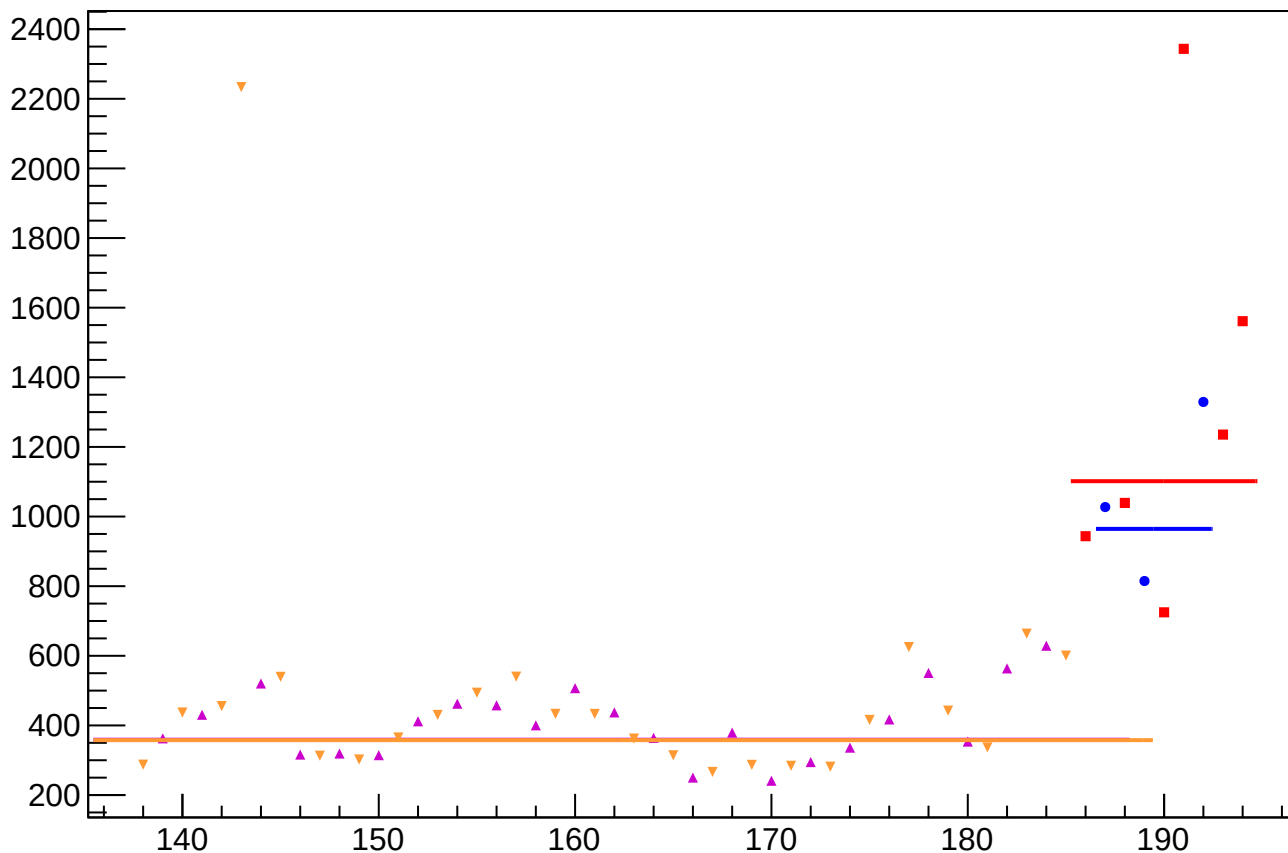
Left In: -117.113 $\pm$ 88.214 χ^2 /NDF:14.3/22

+ sign -212.025 $\pm$ 87.321 χ^2 /NDF: 42.1/27

All: -173.540 $\pm$ 61.759 χ^2 /NDF: 64.5/56

- sign -135.022 $\pm$ 87.359 χ^2 /NDF: 22.0/28

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 964.576+/-0.693 χ^2/NDF : 95261.3/2

Left Out: 357.749+/-0.062 χ^2/NDF : 3042055.7/24

Right Out: 1101.604+/-0.445 χ^2/NDF : 448748.0/5

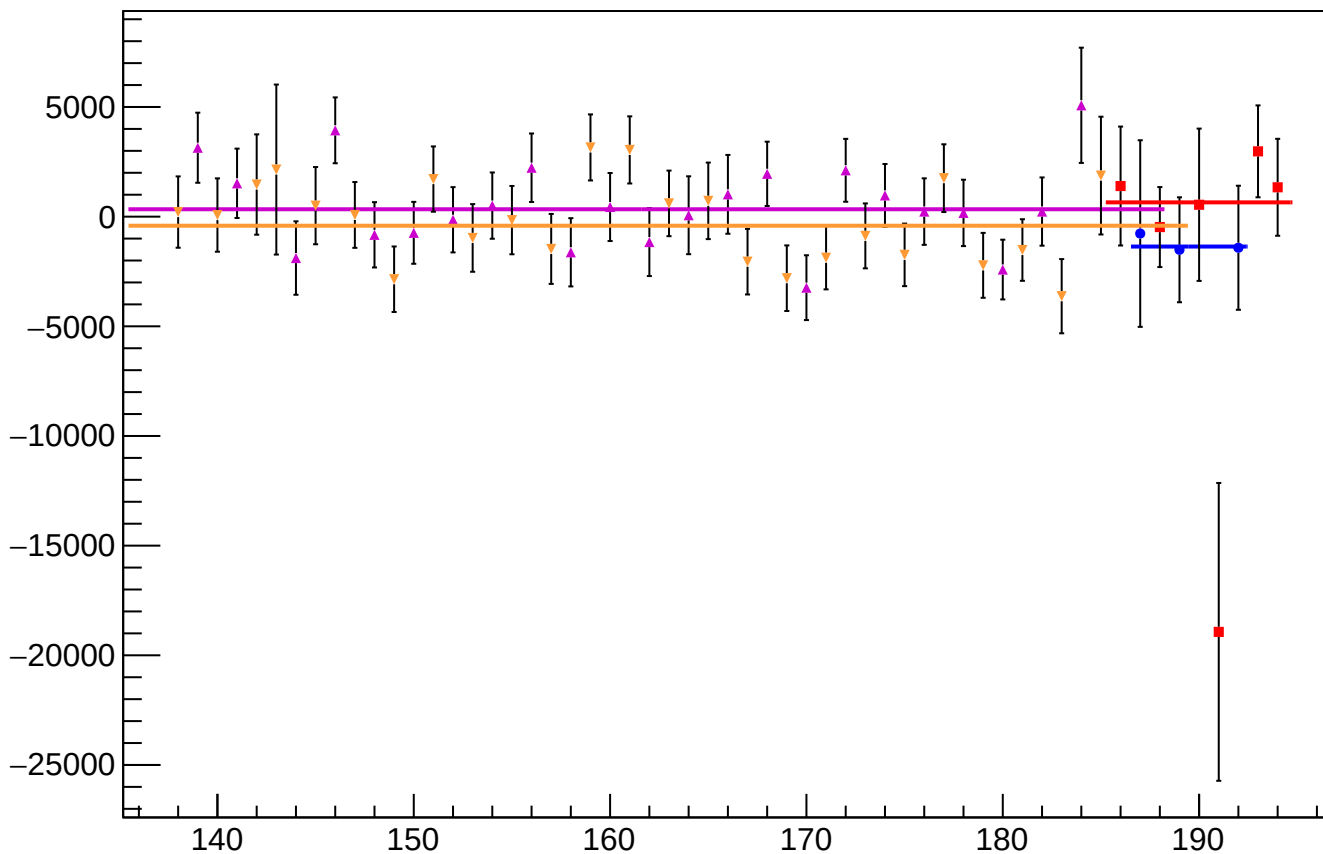
Left In: 359.000+/-0.062 χ^2/NDF : 1858849.9/22

+ sign 362.561+/-0.062 χ^2/NDF : 3897171.9/27

All: 367.946+/-0.044 χ^2/NDF : 8955772.4/56

- sign 373.334+/-0.062 χ^2/NDF : 5043386.3/28

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1363.165 ± 1678.424 χ^2/NDF : 0.0/2

Left Out: -413.407 ± 320.677 χ^2/NDF : 32.8/24

Right Out: 651.170 ± 1013.355 χ^2/NDF : 10.1/5

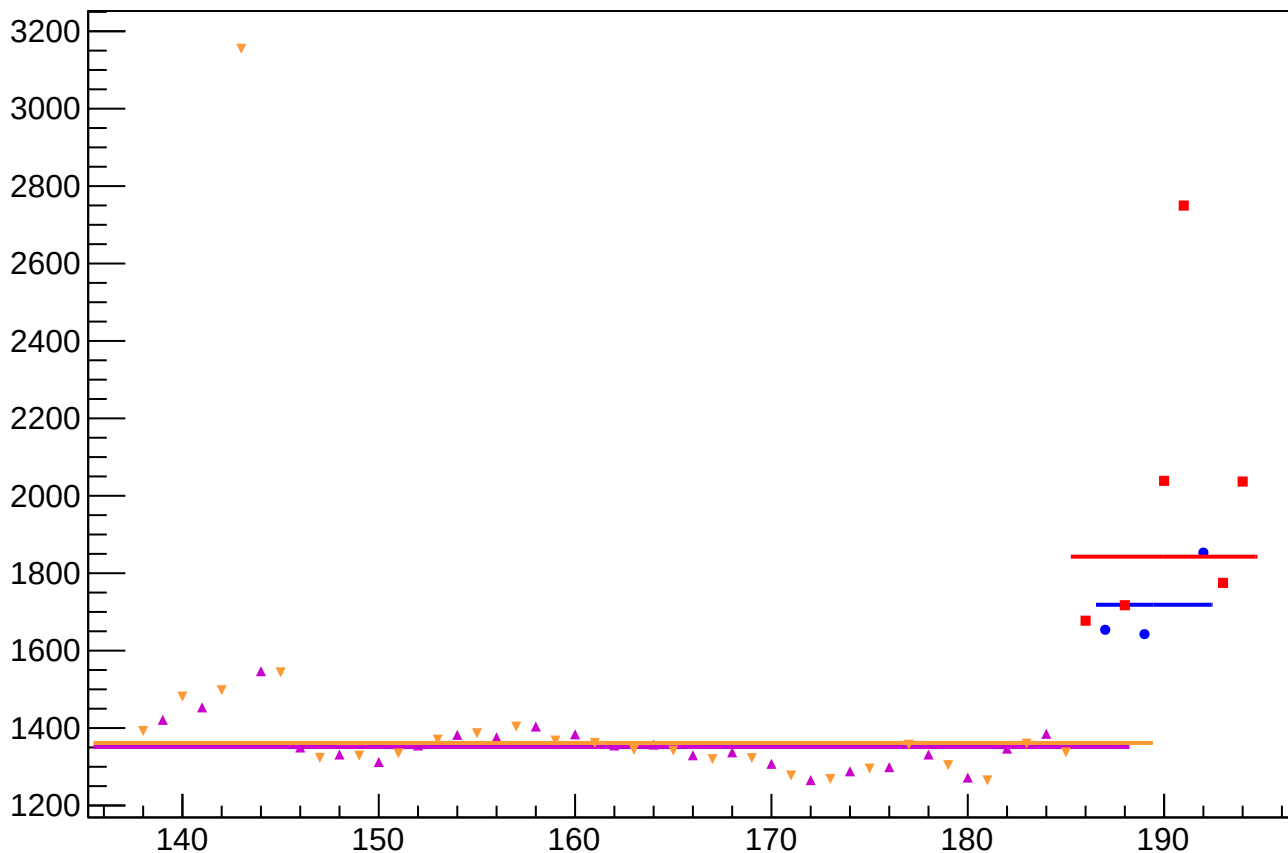
Left In: 337.193 ± 323.023 χ^2/NDF : 32.8/22

+ sign -446.855 ± 314.979 χ^2/NDF : 33.1/27

All: -30.934 ± 220.129 χ^2/NDF : 79.5/56

- sign 366.154 ± 307.765 χ^2/NDF : 43.0/28

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1718.548 $\pm$ 1.187 χ^2/NDF : 7011.7/2

Left Out: 1361.511 $\pm$ 0.227 χ^2/NDF : 507869.8/24

Right Out: 1842.784 $\pm$ 0.717 χ^2/NDF : 76461.7/5

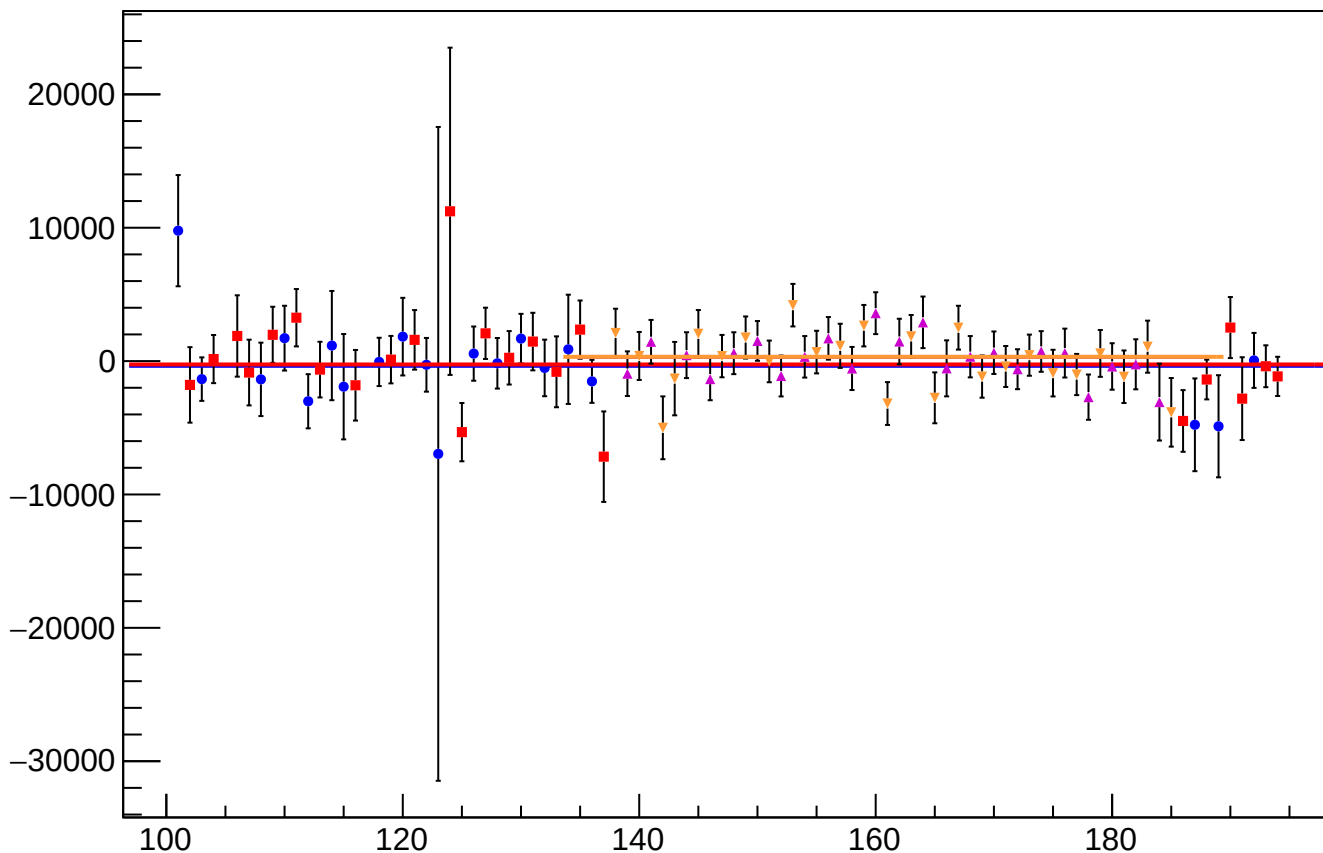
Left In: 1351.012 $\pm$ 0.228 χ^2/NDF : 68978.1/22

+ sign 1374.085 $\pm$ 0.223 χ^2/NDF : 602195.3/27

All: 1385.487 $\pm$ 0.156 χ^2/NDF : 1180327.2/56

- sign 1396.373 $\pm$ 0.218 χ^2/NDF : 573008.6/28

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -353.063 ± 524.370 χ^2/NDF : 14.9/19

Left Out: 320.058 ± 344.642 χ^2/NDF : 32.4/24

Right Out: -252.338 ± 437.487 χ^2/NDF : 26.3/23

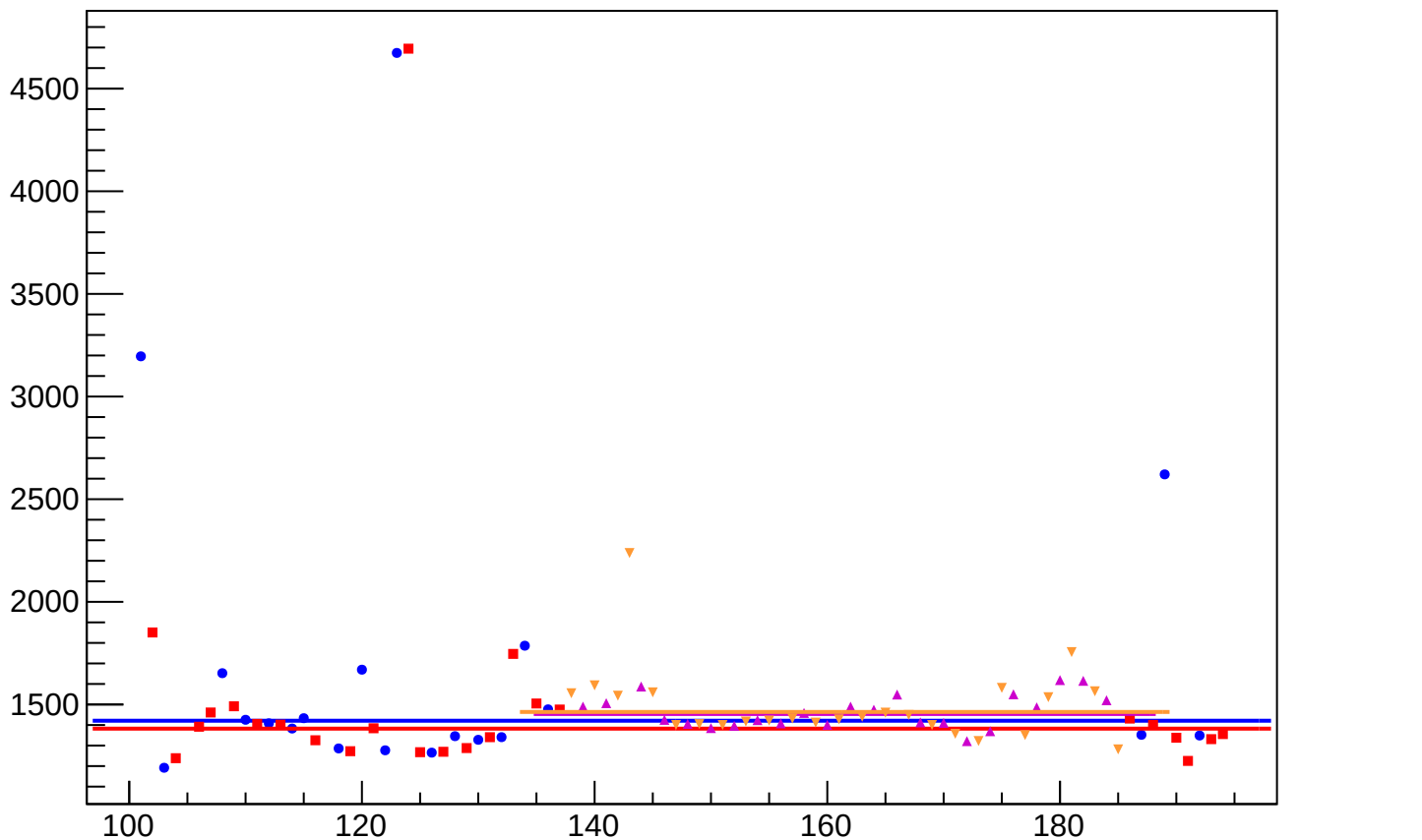
Left In: 310.833 ± 348.292 χ^2/NDF : 16.8/22

+ sign 117.001 ± 288.005 χ^2/NDF : 48.5/44

All: 103.999 ± 197.935 χ^2/NDF : 92.7/91

- sign 92.361 ± 272.485 χ^2/NDF : 44.1/46

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1420.932 $\pm$ 0.371 χ^2 /NDF: 728198.7/19

Left Out: 1463.714 $\pm$ 0.244 χ^2 /NDF: 310491.4/24

Right Out: 1382.387 $\pm$ 0.309 χ^2 /NDF: 302450.1/23

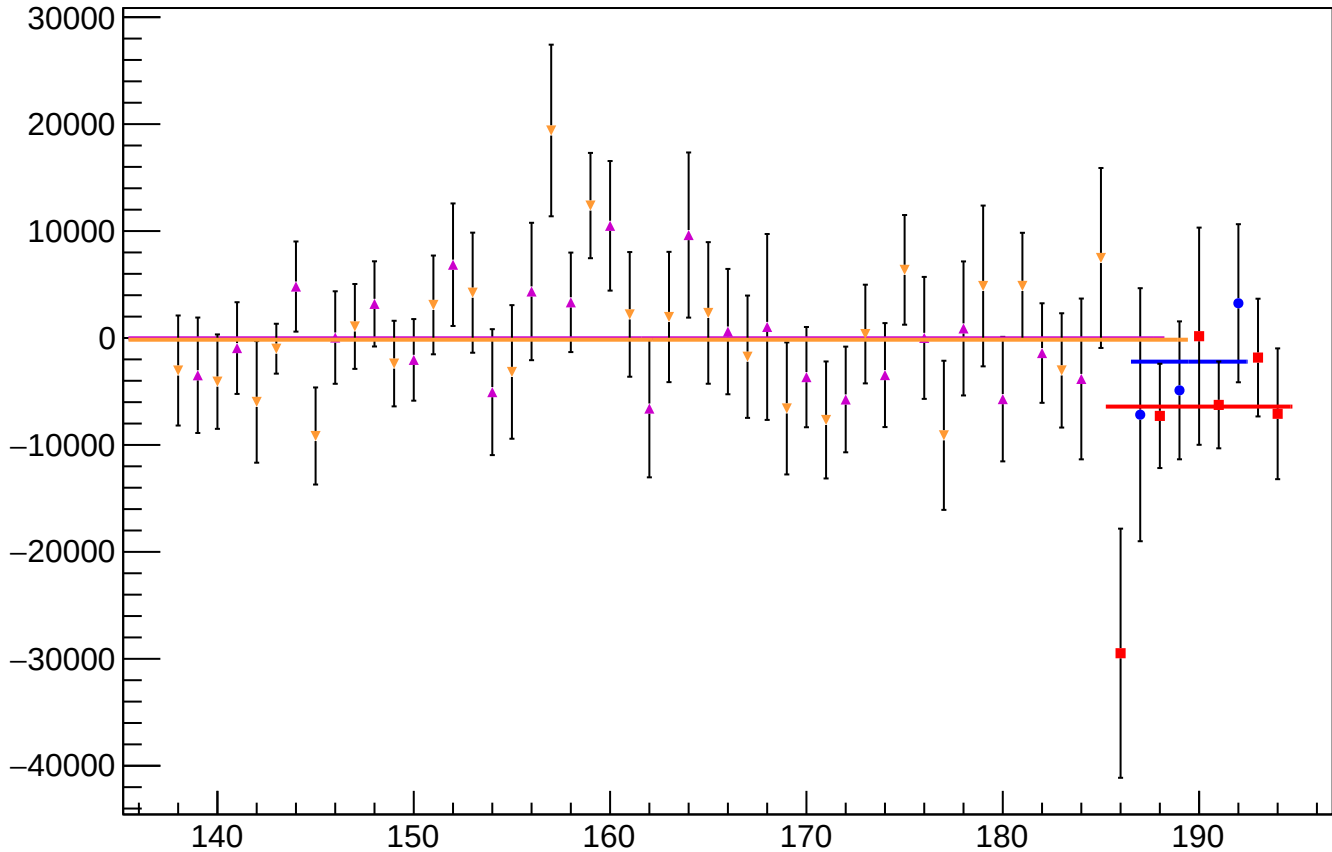
Left In: 1453.763 $\pm$ 0.246 χ^2 /NDF: 99224.2/22

+ sign 1450.808 $\pm$ 0.204 χ^2 /NDF: 1047987.1/44

All: 1437.748 $\pm$ 0.140 χ^2 /NDF: 1490052.4/91

- sign 1426.061 $\pm$ 0.193 χ^2 /NDF: 434272.7/46

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -2211.070+/-4494.893 χ^2/NDF : 0.9/2

Left Out: -160.118+/-989.347 χ^2/NDF : 29.7/24

Right Out: -6414.115+/-2359.558 χ^2/NDF : 5.1/5

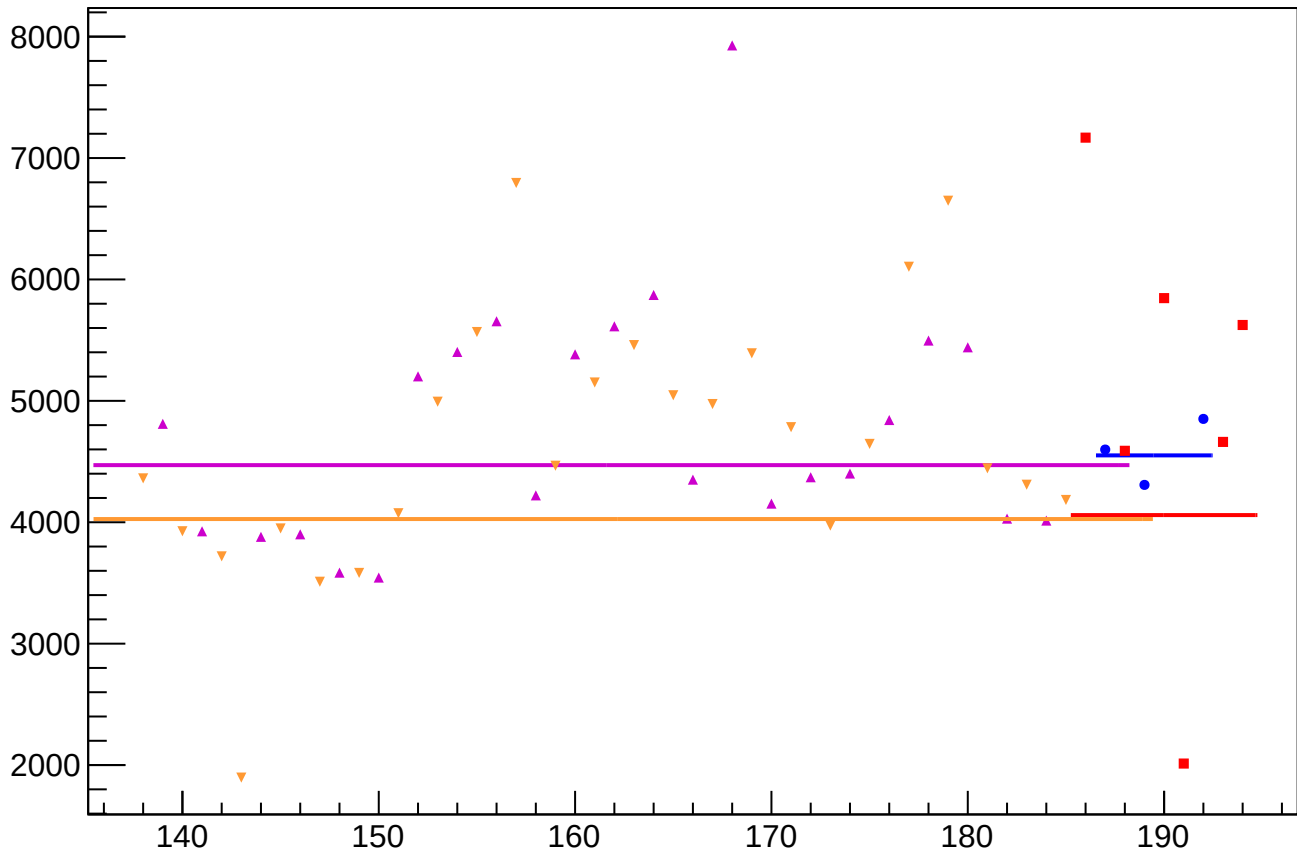
Left In: -26.926+/-1085.415 χ^2/NDF : 15.3/22

+ sign -254.888+/-966.219 χ^2/NDF : 30.8/27

All: -689.637+/-690.137 χ^2/NDF : 57.6/56

- sign -1142.448+/-986.086 χ^2/NDF : 26.4/28

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4550.824+/-3.178 χ^2/NDF : 6180.0/2

Left Out: 4026.447+/-0.700 χ^2/NDF : 3071265.0/24

Right Out: 4059.106+/-1.668 χ^2/NDF : 891809.2/5

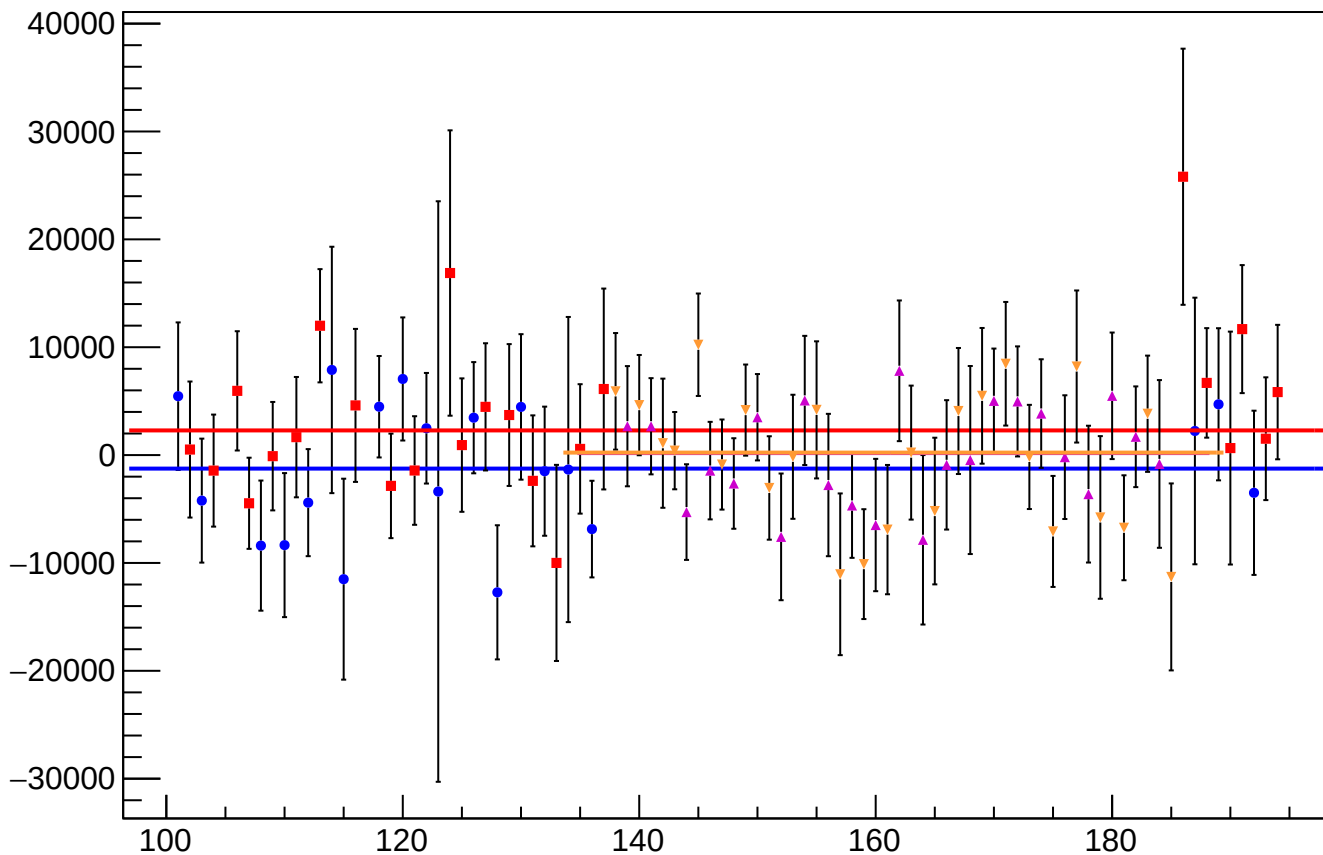
Left In: 4470.490+/-0.768 χ^2/NDF : 1132495.2/22

+ sign 4050.677+/-0.683 χ^2/NDF : 3103406.8/27

All: 4221.119+/-0.488 χ^2/NDF : 5304942.6/56

- sign 4398.642+/-0.697 χ^2/NDF : 2074481.1/28

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1253.303+/-1430.202 χ^2/NDF : 17.6/19

Left Out: 229.897+/-1073.528 χ^2/NDF : 28.1/24

Right Out: 2286.391+/-1228.429 χ^2/NDF : 20.7/23

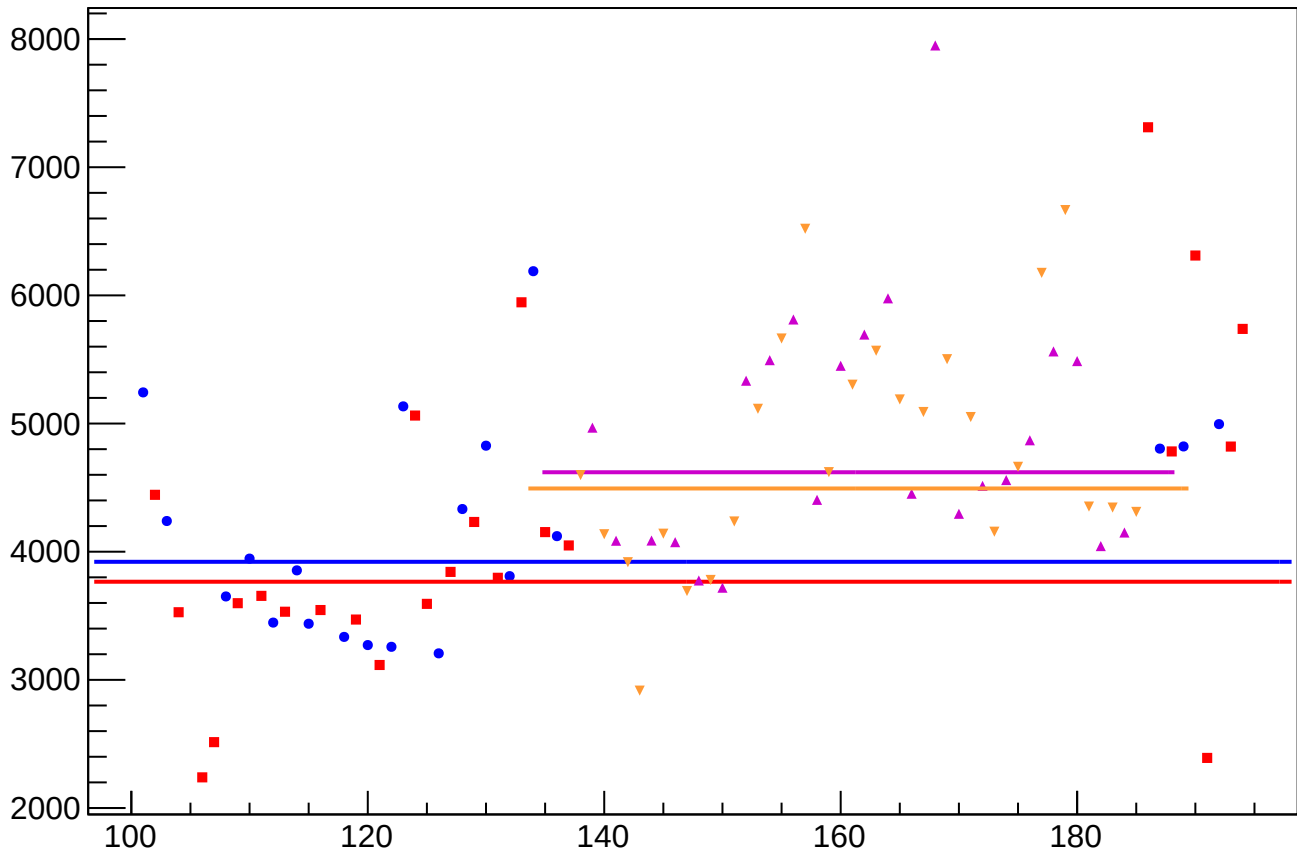
Left In: 185.280+/-1119.296 χ^2/NDF : 14.3/22

+ sign -304.613+/-858.570 χ^2/NDF : 46.4/44

All: 443.586+/-595.759 χ^2/NDF : 84.4/91

- sign 1138.377+/-827.359 χ^2/NDF : 36.6/46

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3921.178+/-1.011 χ^2/NDF : 425126.5/19

Left Out: 4493.314+/-0.759 χ^2/NDF :1309134.5/24

+ sign 4287.123+/-0.607 χ^2/NDF : 1938986.1/44

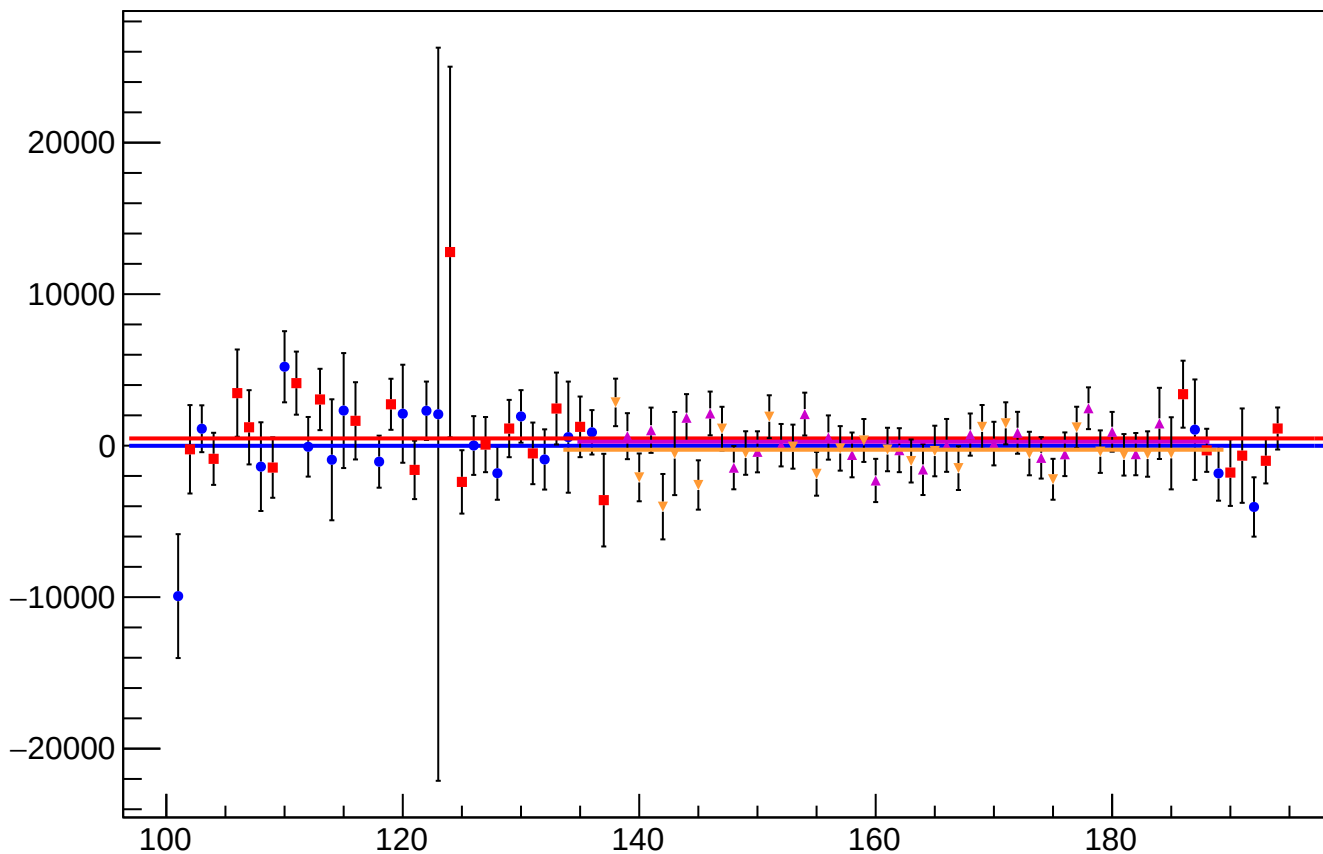
Right Out: 3765.723+/-0.862 χ^2/NDF : 1352658.6/23

All: 4257.090+/-0.421 χ^2/NDF : 4830928.6/91

- sign 4229.384+/-0.583 χ^2/NDF : 2887237.4/46

Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -10.612 ± 485.293 χ^2/NDF : 22.5/19

Left Out: -270.523 ± 302.030 χ^2/NDF : 22.2/24

Right Out: 476.533 ± 414.806 χ^2/NDF : 21.0/23

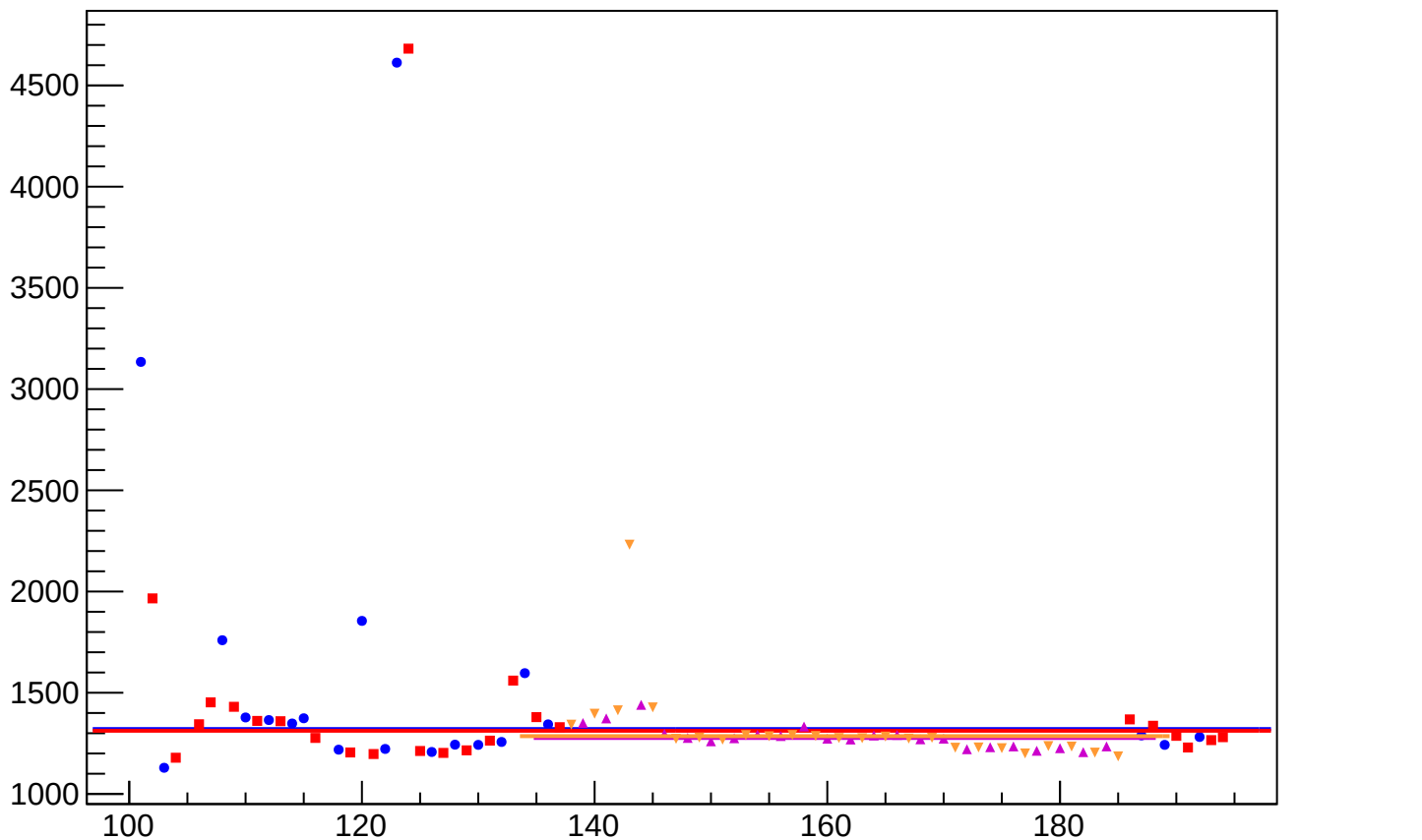
Left In: 258.285 ± 305.289 χ^2/NDF : 16.0/22

+ sign -197.957 ± 256.424 χ^2/NDF : 44.9/44

All: 79.691 ± 177.472 χ^2/NDF : 84.3/91

- sign 334.967 ± 245.876 χ^2/NDF : 37.1/46

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1320.573+/-0.343 χ^2/NDF : 608956.0/19

Left Out: 1285.574+/-0.214 χ^2/NDF : 306057.6/24

Right Out: 1312.346+/-0.293 χ^2/NDF : 344578.4/23

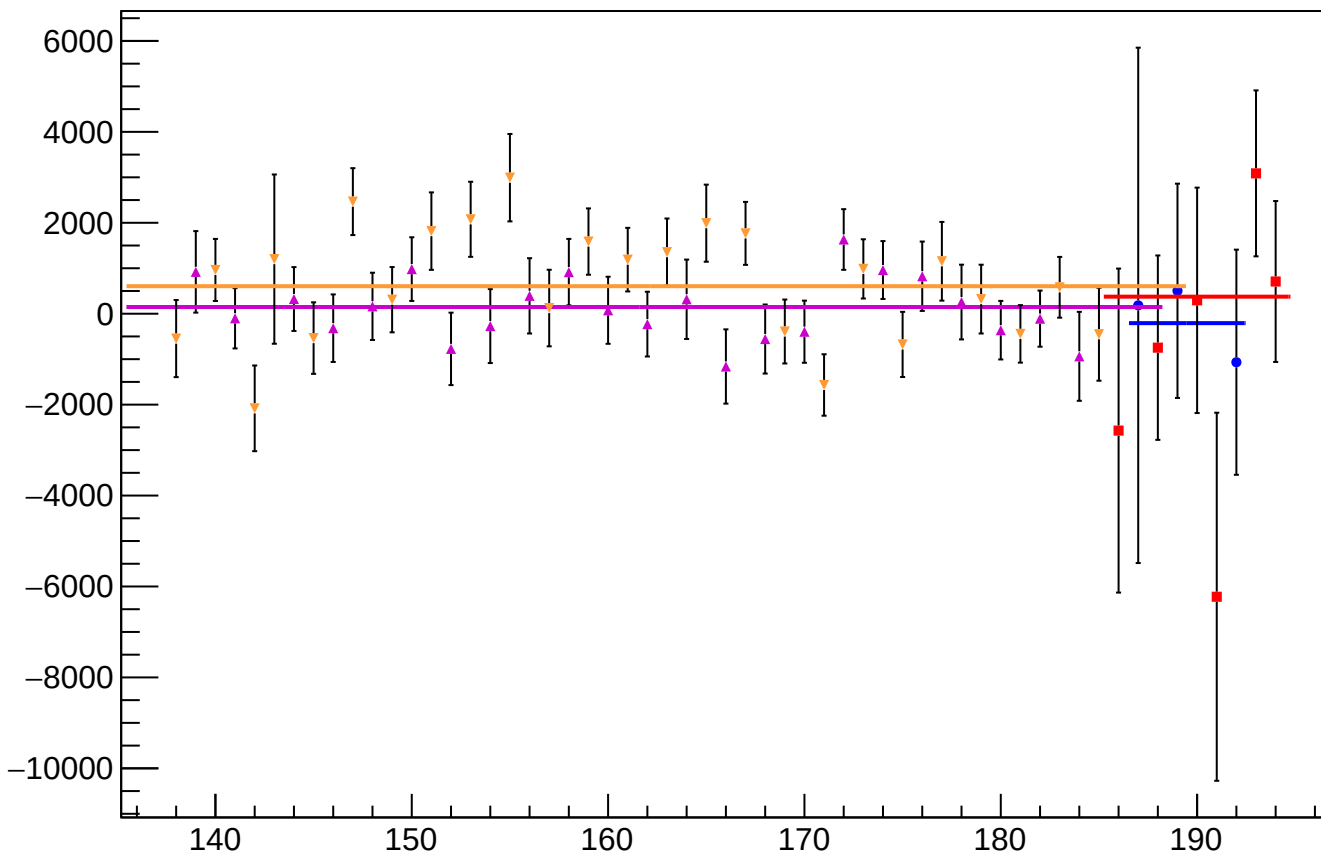
Left In: 1276.755+/-0.216 χ^2/NDF : 59434.2/22

+ sign 1295.346+/-0.181 χ^2/NDF : 922511.4/44

All: 1292.175+/-0.125 χ^2/NDF : 1336661.3/91

- sign 1289.260+/-0.174 χ^2/NDF : 413563.0/46

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: -207.249 $\pm$ 1634.562 χ^2/NDF : 0.2/2

Left Out: 605.167 $\pm$ 153.922 χ^2/NDF : 60.0/24

Right Out: 375.140 $\pm$ 926.457 χ^2/NDF : 5.9/5

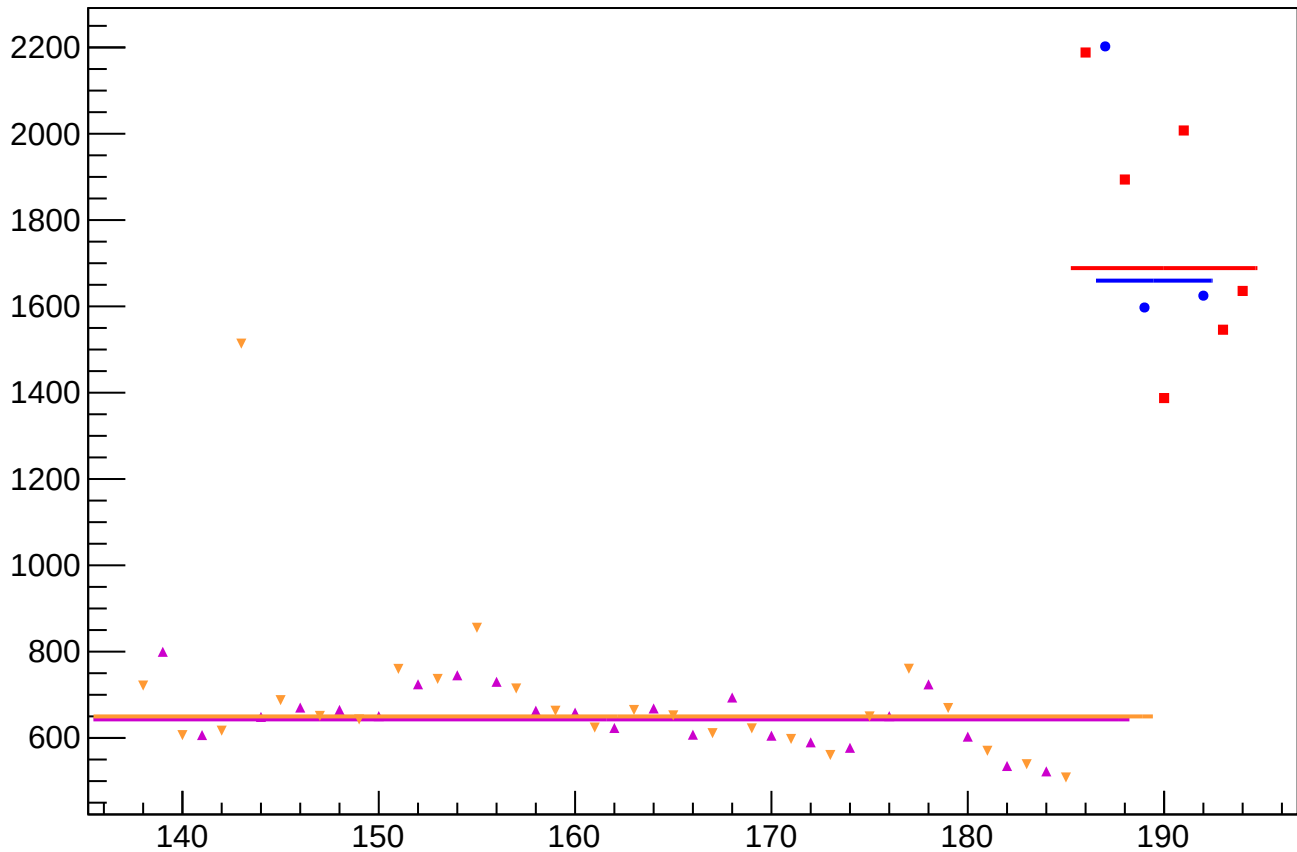
Left In: 147.044 $\pm$ 154.051 χ^2/NDF : 19.4/22

+ sign 598.026 $\pm$ 153.244 χ^2/NDF : 60.4/27

All: 373.739 $\pm$ 107.905 χ^2/NDF : 90.0/56

- sign 153.181 $\pm$ 151.965 χ^2/NDF : 25.3/28

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1659.663+/-1.156 χ^2 /NDF: 20129.6/2

Left Out: 649.866+/-0.109 χ^2 /NDF:840823.5/24

Right Out: 1688.655+/-0.655 χ^2 /NDF: 115727.9/5

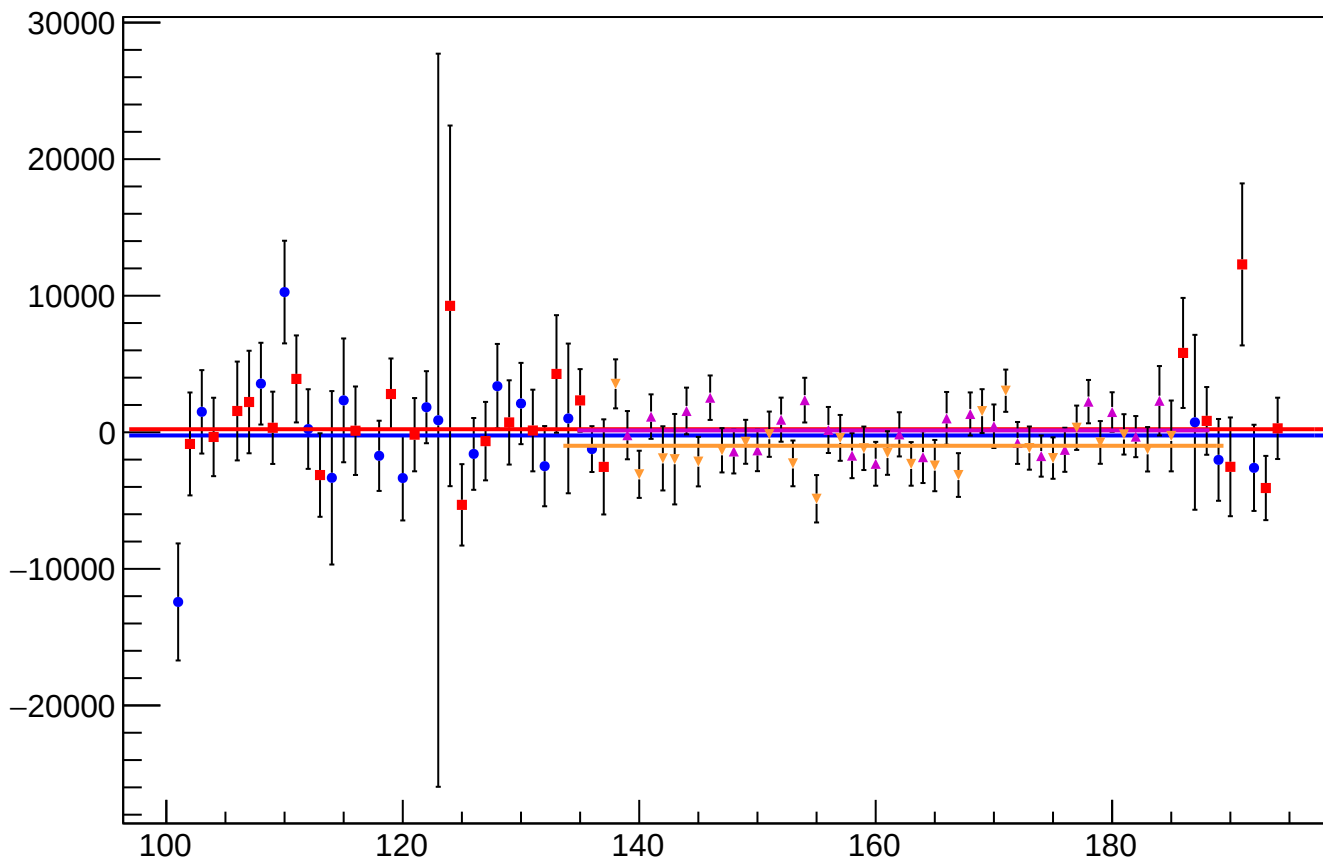
Left In: 643.008+/-0.109 χ^2 /NDF:323844.6/22

+ sign 658.742+/-0.108 χ^2 /NDF: 1617543.5/27

All: 664.994+/-0.076 χ^2 /NDF: 4542878.3/56

- sign 671.141+/-0.107 χ^2 /NDF: 2918732.9/28

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -232.047 $\pm$ 700.531 χ^2 /NDF: 24.5/19

Left Out: -987.247 $\pm$ 339.757 χ^2 /NDF:28.5/24

Right Out: 224.422 $\pm$ 624.868 χ^2 /NDF: 20.5/23

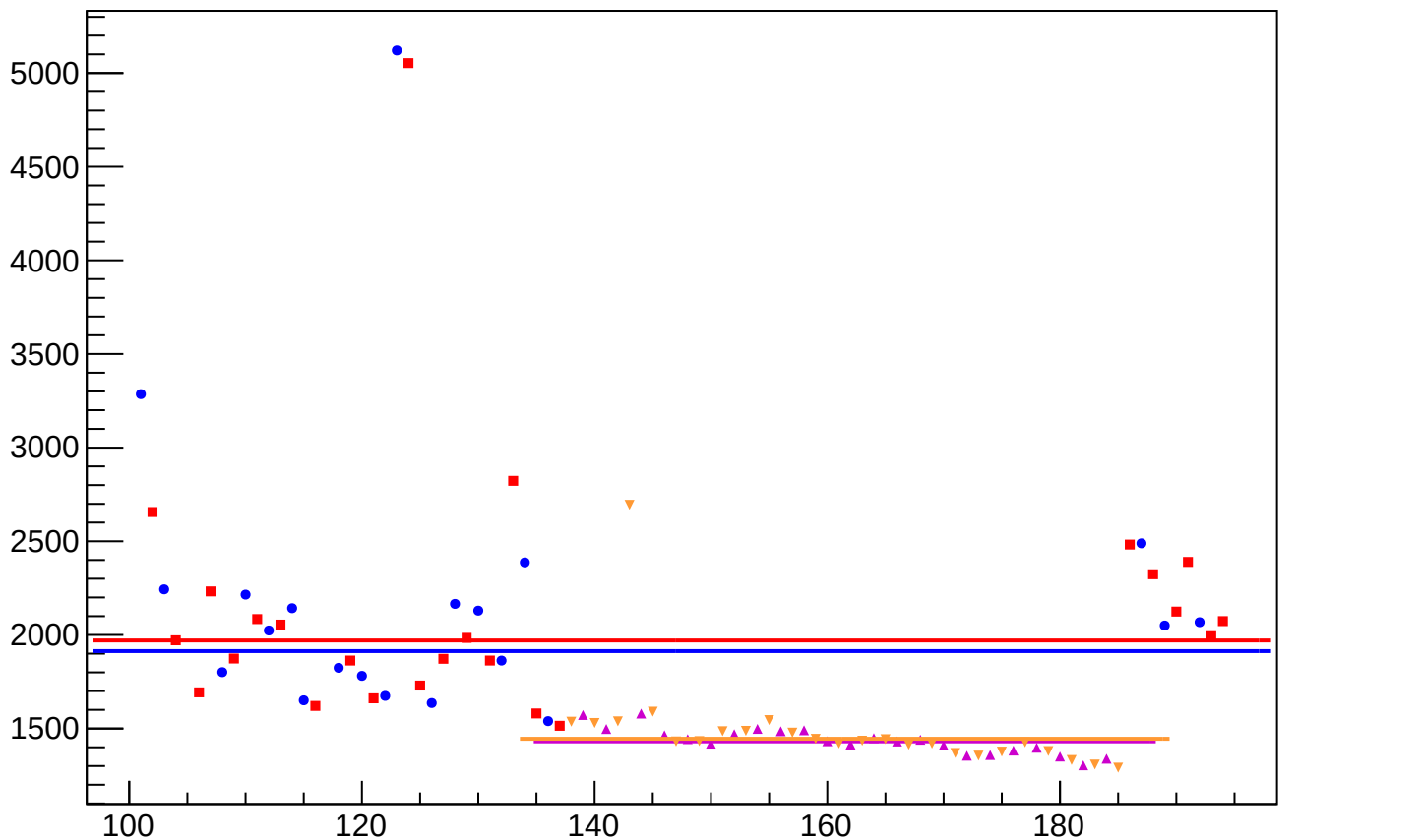
Left In: 137.780 $\pm$ 342.262 χ^2 /NDF:18.8/22

+ sign -843.434 $\pm$ 305.700 χ^2 /NDF: 54.0/44

All: -333.712 $\pm$ 214.185 χ^2 /NDF: 98.8/91

- sign 157.775 $\pm$ 300.182 χ^2 /NDF: 39.4/46

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1913.654 $\pm$ 0.495 χ^2 /NDF: 493156.3/19

Left Out: 1445.418 $\pm$ 0.240 χ^2 /NDF: 374859.2/24

Right Out: 1970.384 $\pm$ 0.442 χ^2 /NDF: 536269.1/23

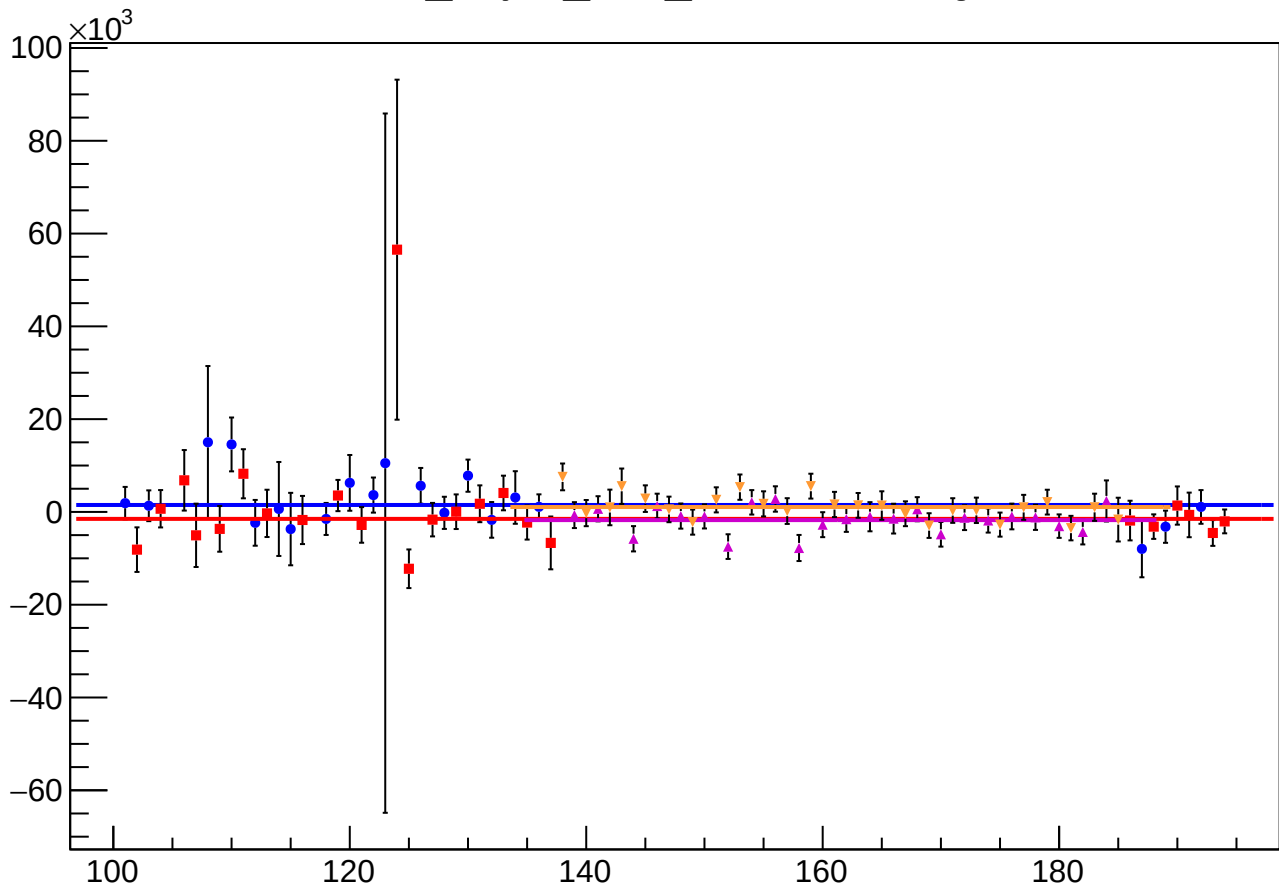
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

+ sign 1534.585 $\pm$ 0.216 χ^2 /NDF: 1591389.5/44

All: 1545.482 $\pm$ 0.151 χ^2 /NDF: 3353955.3/91

- sign 1555.989 $\pm$ 0.212 χ^2 /NDF: 1757573.9/46

dit_asym_atl1_mean vs Slug



Right In: 1499.415 $\pm$ 948.532 χ^2 /NDF: 18.3/19

Left Out: 1057.276 $\pm$ 566.243 χ^2 /NDF: 22.7/24

Right Out: -1498.242 $\pm$ 819.989 χ^2 /NDF: 25.4/23

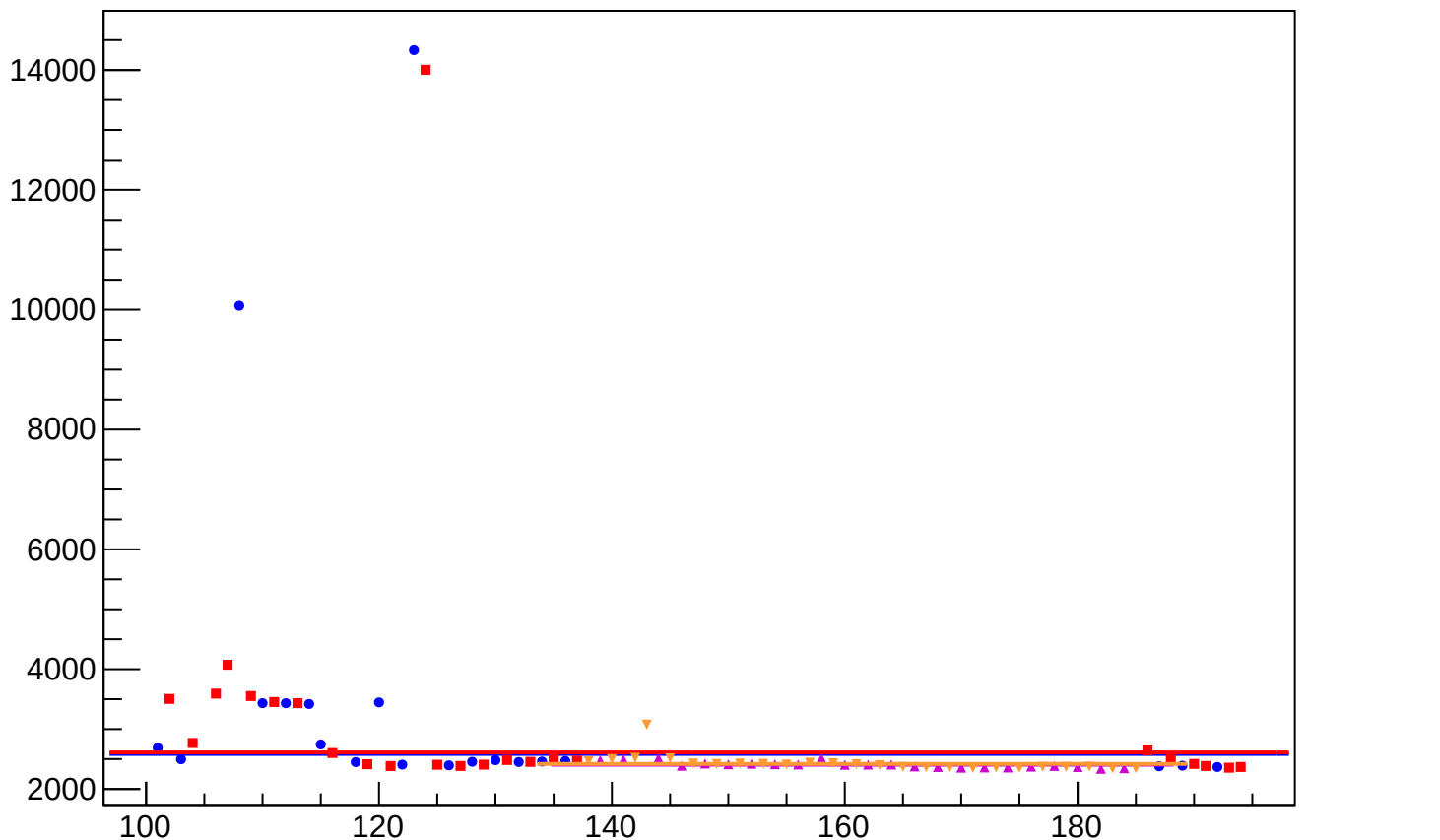
Left In: -1762.122 $\pm$ 574.660 χ^2 /NDF: 23.2/22

+ sign 1173.443 $\pm$ 486.198 χ^2 /NDF: 41.1/44

All: -297.312 $\pm$ 338.144 χ^2 /NDF: 107.5/91

- sign -1675.207 $\pm$ 470.599 χ^2 /NDF: 48.7/46

dit_asym_atl1_rms vs Slug



Right In: 2586.087+/-0.671 χ^2/NDF : 663511.7/19

Left Out: 2418.972+/-0.400 χ^2/NDF : 74779.7/24

Right Out: 2610.638+/-0.580 χ^2/NDF : 666089.4/23

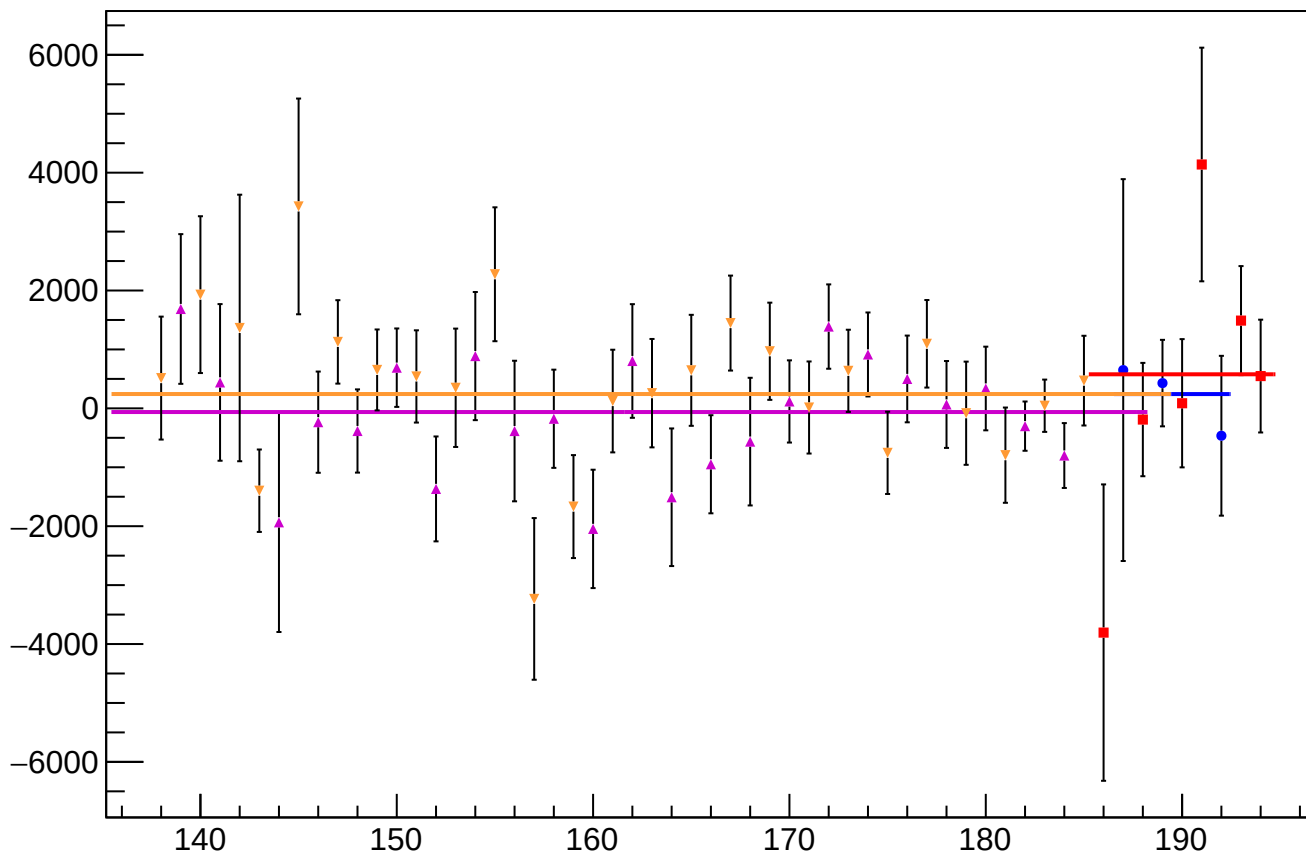
Left In: 2406.443+/-0.406 χ^2/NDF : 15245.2/22

+ sign 2462.880+/-0.344 χ^2/NDF : 784060.9/44

All: 2468.466+/-0.239 χ^2/NDF : 1549080.6/91

- sign 2473.699+/-0.333 χ^2/NDF : 764508.4/46

asym_atl1_correction_mean vs Slug



Right In: 242.370 $\pm$ 633.129 χ^2 /NDF: 0.4/2

Left Out: 243.135 $\pm$ 163.940 χ^2 /NDF:36.0/24

Right Out: 577.967 $\pm$ 466.366 χ^2 /NDF: 8.1/5

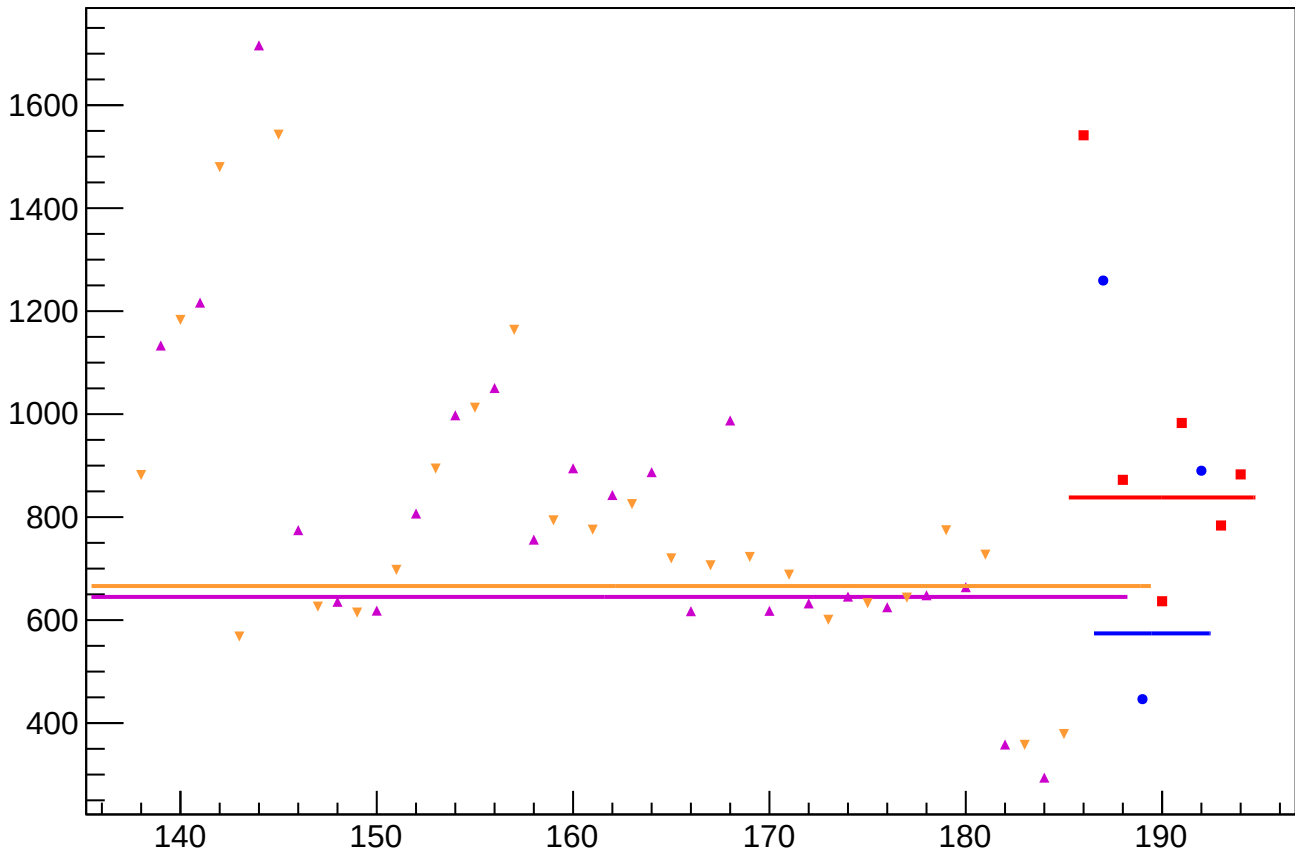
Left In: -62.569 $\pm$ 164.169 χ^2 /NDF:24.3/22

+ sign 243.087 $\pm$ 158.706 χ^2 /NDF: 36.3/27

All: 122.683 $\pm$ 110.835 χ^2 /NDF: 71.5/56

- sign 8.052 $\pm$ 154.855 χ^2 /NDF: 34.0/28

asym_atl1_correction_rms vs Slug



Right In: 574.176+/-0.448 χ^2/NDF : 258468.3/2

Left Out: 666.133+/-0.116 χ^2/NDF : 3190574.7/24

Right Out: 838.175+/-0.330 χ^2/NDF : 249472.1/5

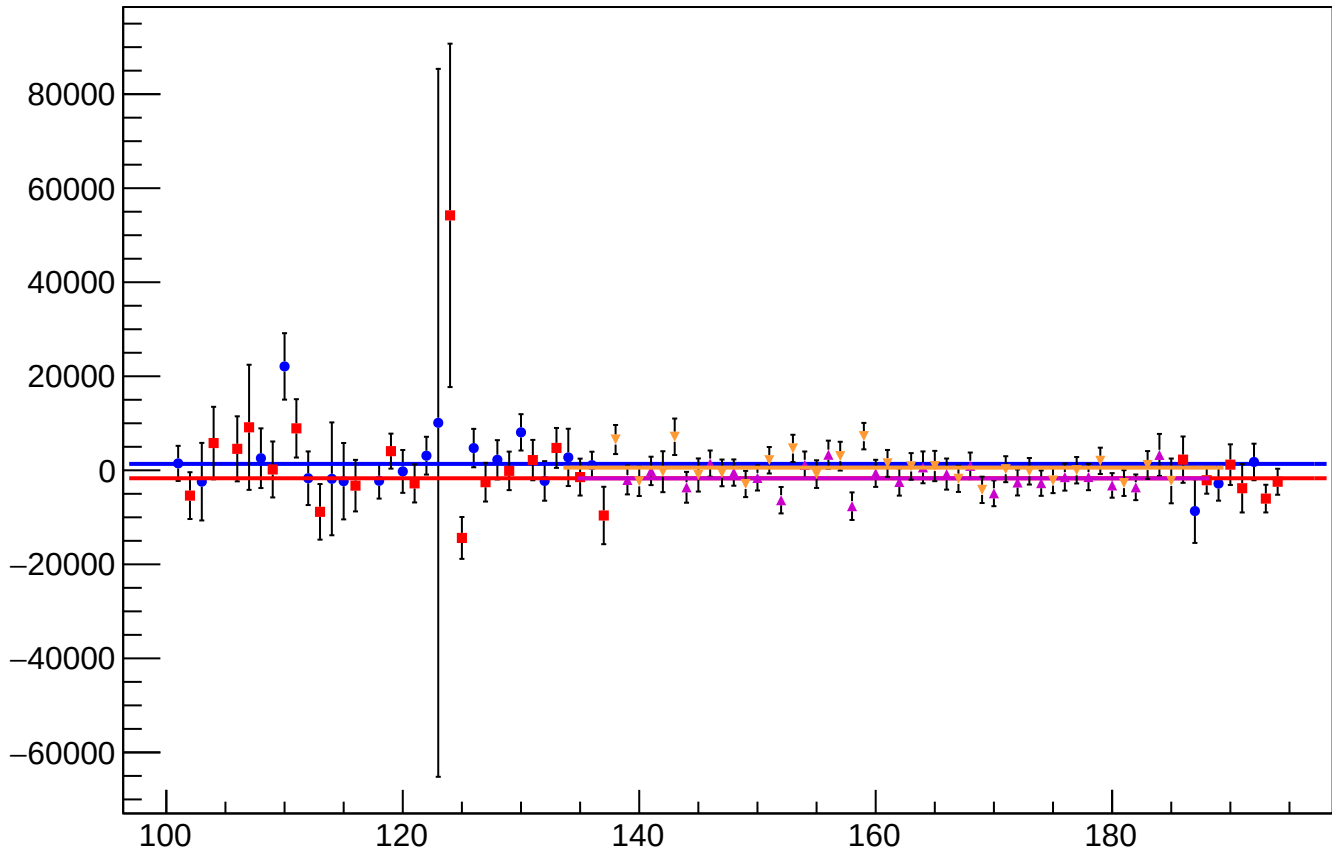
Left In: 645.011+/-0.116 χ^2/NDF : 4176295.6/22

+ sign 660.355+/-0.112 χ^2/NDF : 3488582.4/27

All: 663.405+/-0.078 χ^2/NDF : 8221067.2/56

- sign 666.308+/-0.109 χ^2/NDF : 4731042.9/28

asym_atl1_mean vs Slug



Right In: 1362.920 ± 1043.636 χ^2/NDF : 18.7/19

Left Out: 566.778 ± 598.308 χ^2/NDF : 25.2/24

Right Out: -1691.995 ± 910.994 χ^2/NDF : 29.0/23

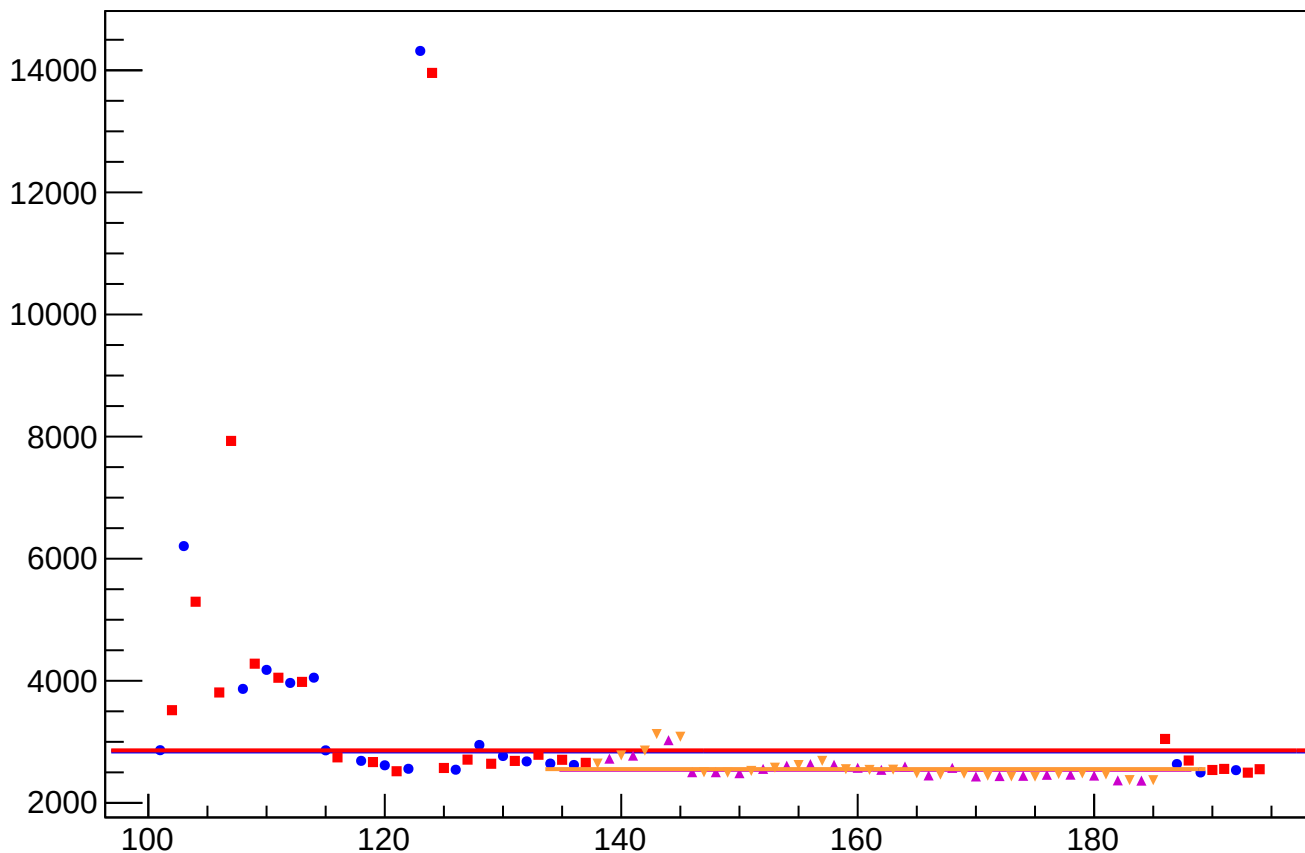
Left In: -1713.317 ± 607.775 χ^2/NDF : 18.1/22

+ sign 763.715 ± 519.060 χ^2/NDF : 44.3/44

All: -503.999 ± 362.173 χ^2/NDF : 103.0/91

- sign -1706.750 ± 505.585 χ^2/NDF : 47.1/46

asym_atl1_rms vs Slug



Right In: 2842.355+/-0.738 χ^2/NDF : 680919.3/19

Left Out: 2553.097+/-0.423 χ^2/NDF :148430.5/24

Right Out: 2860.230+/-0.644 χ^2/NDF : 1136154.7/23

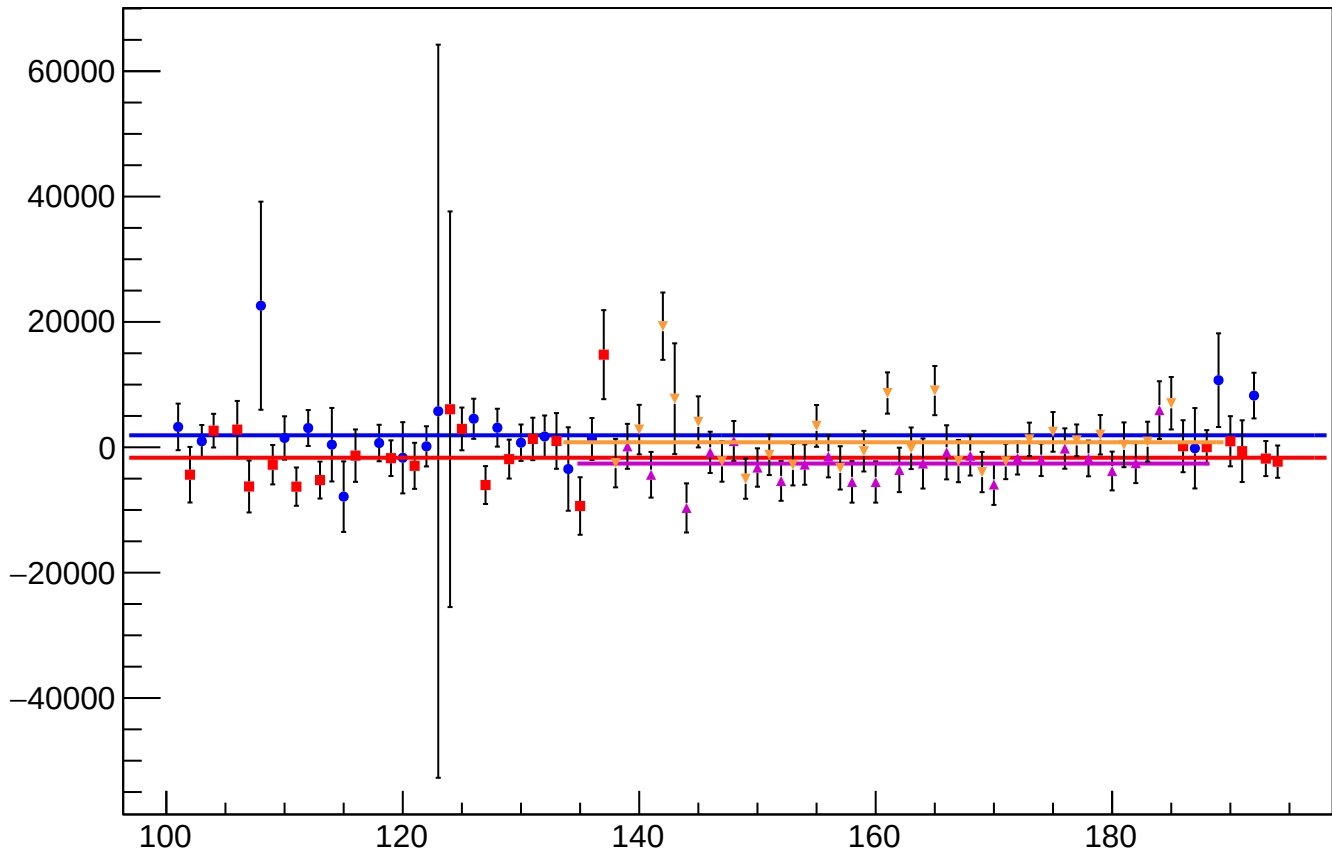
Left In: 2541.950+/-0.430 χ^2/NDF :97238.4/22

+ sign 2624.649+/-0.367 χ^2/NDF : 944984.4/44

All: 2632.517+/-0.256 χ^2/NDF : 2348208.7/91

- sign 2639.982+/-0.358 χ^2/NDF : 1402328.7/46

dit_asym_atl2_mean vs Slug



Right In: 1914.184 ± 850.368 χ^2/NDF : 12.2/19

Left Out: 807.297 ± 677.513 χ^2/NDF : 39.1/24

Right Out: -1667.278 ± 715.103 χ^2/NDF : 23.6/23

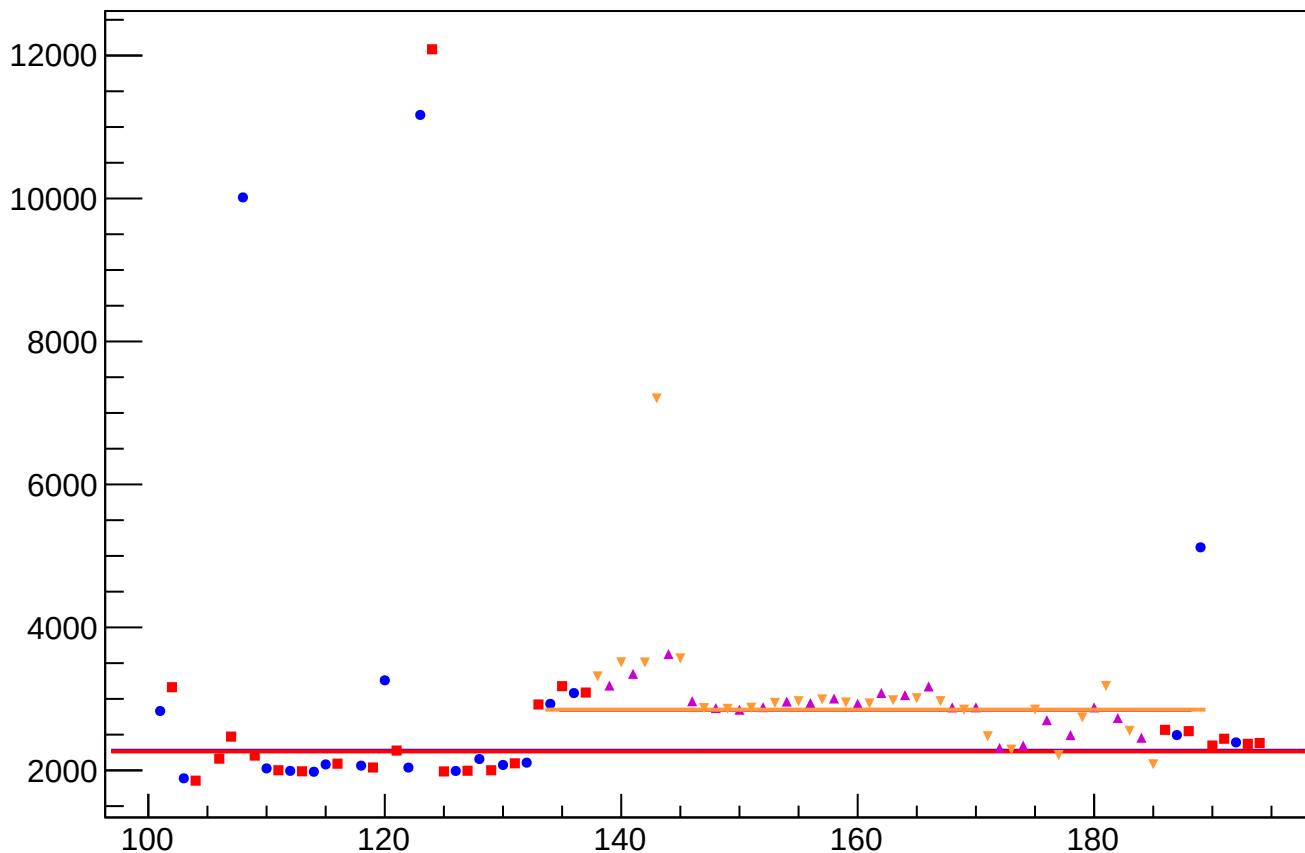
Left In: -2595.551 ± 683.824 χ^2/NDF : 14.0/22

+ sign 1237.097 ± 529.893 χ^2/NDF : 52.3/44

All: -575.431 ± 361.422 χ^2/NDF : 112.7/91

- sign -2152.160 ± 494.225 χ^2/NDF : 38.4/46

dit_asym_atl2_rms vs Slug



Right In: 2274.590+/-0.601 χ^2 /NDF: 1151452.5/19

Left Out: 2849.256+/-0.479 χ^2 /NDF: 1034478.3/24

Right Out: 2265.200+/-0.505 χ^2 /NDF: 618797.3/23

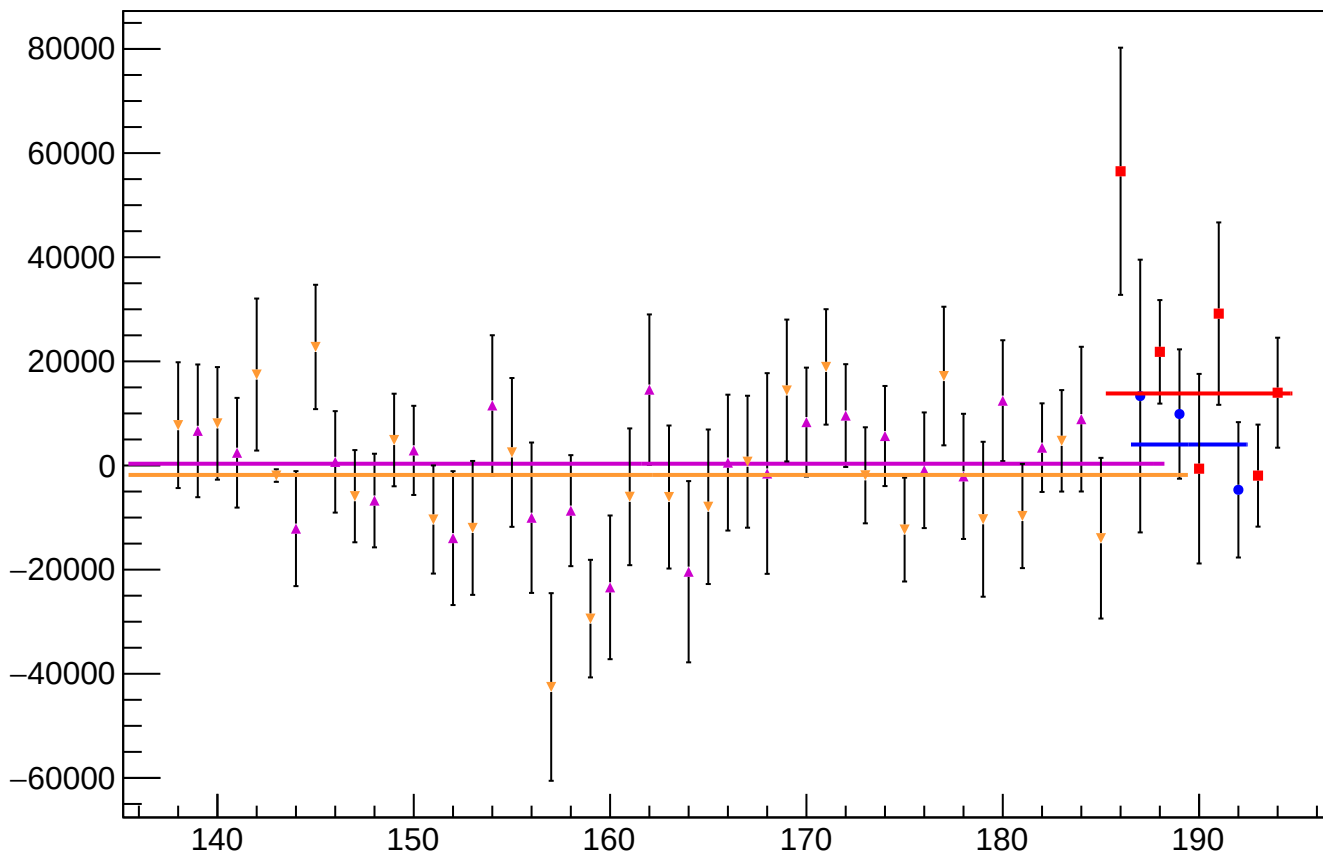
Left In: 2844.779+/-0.484 χ^2 /NDF: 383776.8/22

+ sign 2626.115+/-0.375 χ^2 /NDF: 2744644.4/44

All: 2594.918+/-0.256 χ^2 /NDF: 4446788.1/91

- sign 2567.793+/-0.349 χ^2 /NDF: 1689184.2/46

asym_atl2_correction_mean vs Slug



Right In: 4032.895 ± 8494.681 $\chi^2/\text{NDF}: 0.8/2$

Left Out: -1810.593 ± 1078.173 $\chi^2/\text{NDF}: 31.2/24$

Right Out: 13834.120 ± 5160.668 $\chi^2/\text{NDF}: 7.9/5$

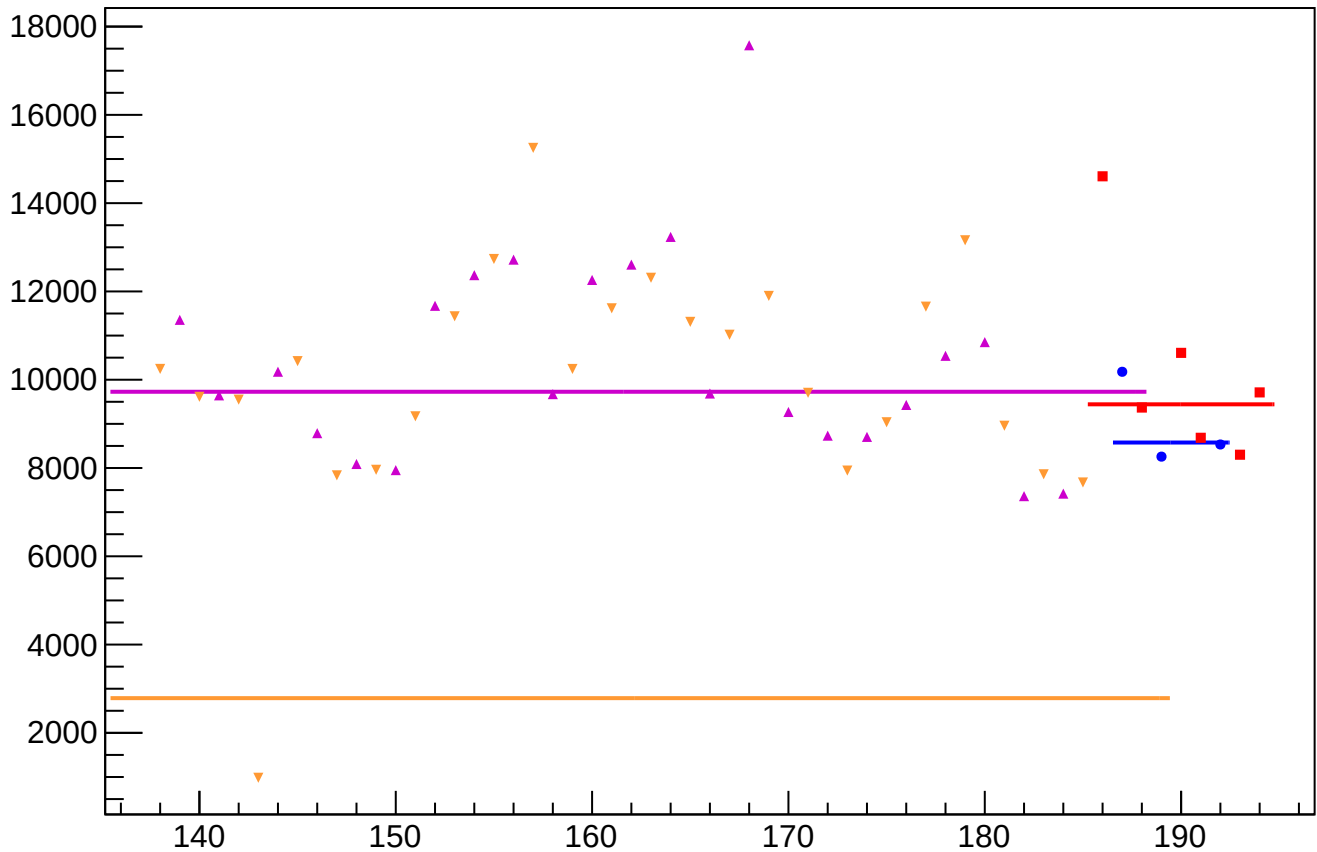
Left In: 339.260 ± 2365.986 $\chi^2/\text{NDF}: 14.2/22$

+ sign -1717.950 ± 1069.592 $\chi^2/\text{NDF}: 32.5/27$

All: -845.295 ± 957.698 $\chi^2/\text{NDF}: 63.5/56$

- sign 2683.096 ± 2150.727 $\chi^2/\text{NDF}: 27.7/28$

asym_atl2_correction_rms vs Slug



Right In: 8577.295+/-6.007 χ^2/NDF : 8836.4/2

Left Out: 2786.461+/-0.762 χ^2/NDF : 22863045.3/24

Right Out: 9442.721+/-3.649 χ^2/NDF : 135231.2/5

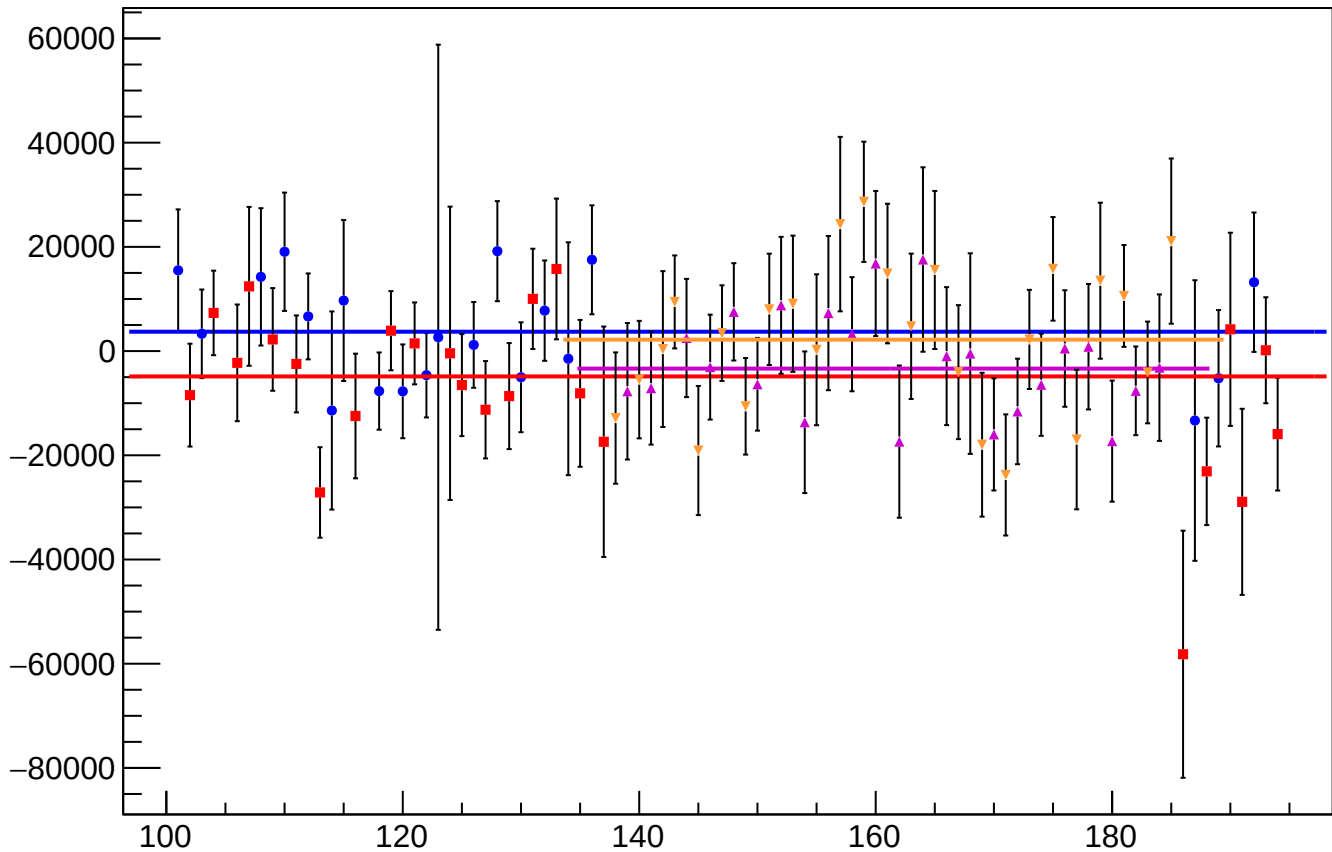
Left In: 9727.255+/-1.673 χ^2/NDF : 1261406.7/22

+ sign 2878.270+/-0.756 χ^2/NDF : 23786579.2/27

All: 4226.511+/-0.677 χ^2/NDF : 41214887.1/5

- sign 9677.836+/-1.521 χ^2/NDF : 1401661.7/28

asym_atl2_mean vs Slug



Right In: 3717.751+/-2413.409 χ^2/NDF : 16.1/19

Left Out: 2192.629+/-2346.604 χ^2/NDF : 31.2/24

Right Out: -4863.144+/-2208.742 χ^2/NDF : 30.6/23

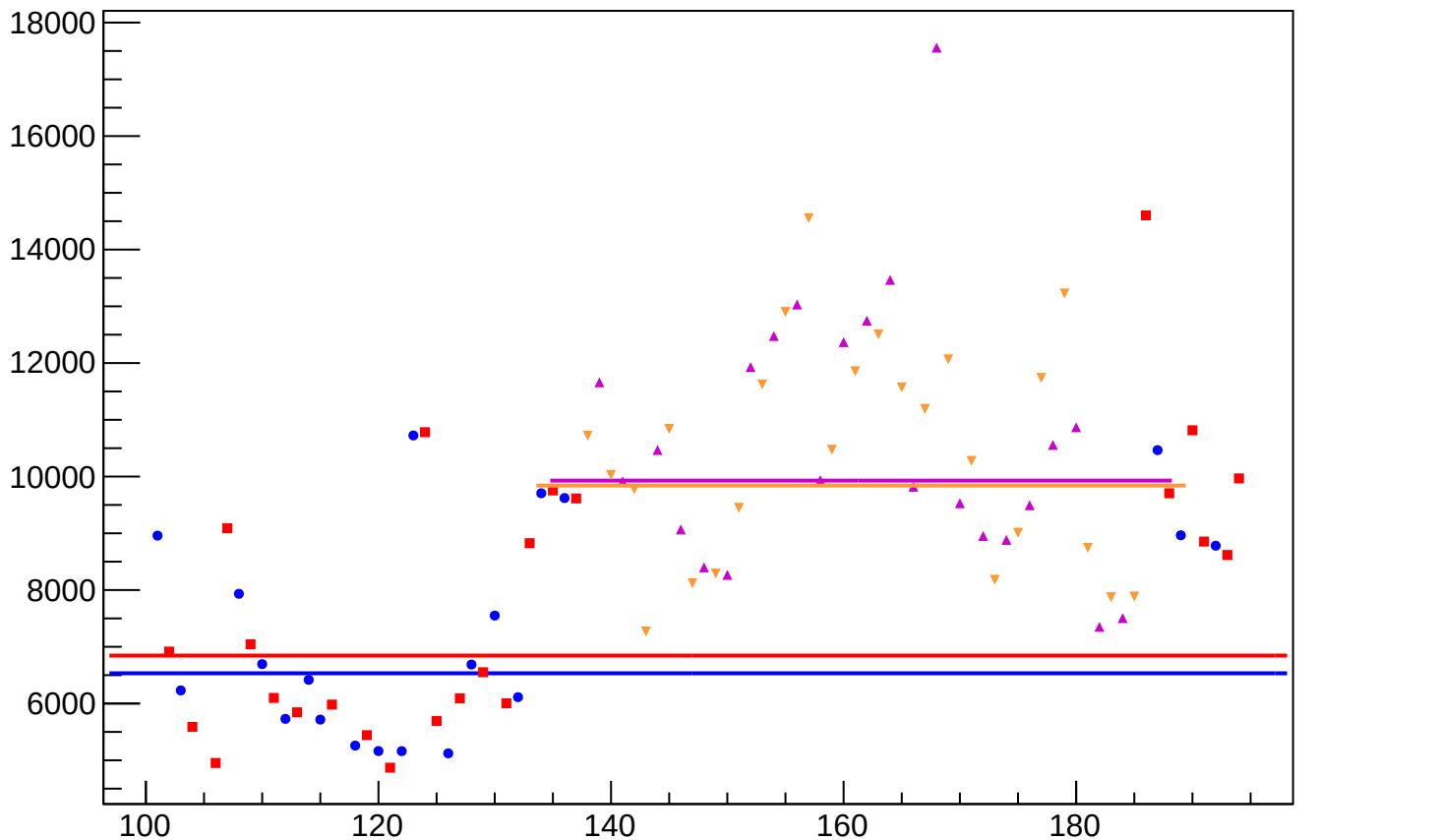
Left In: -3362.489+/-2413.842 χ^2/NDF : 12.8/22

+ sign 2933.790+/-1682.422 χ^2/NDF : 47.5/44

All: -736.350+/-1170.496 χ^2/NDF : 100.3/91

- sign -4179.268+/-1629.510 χ^2/NDF : 43.6/46

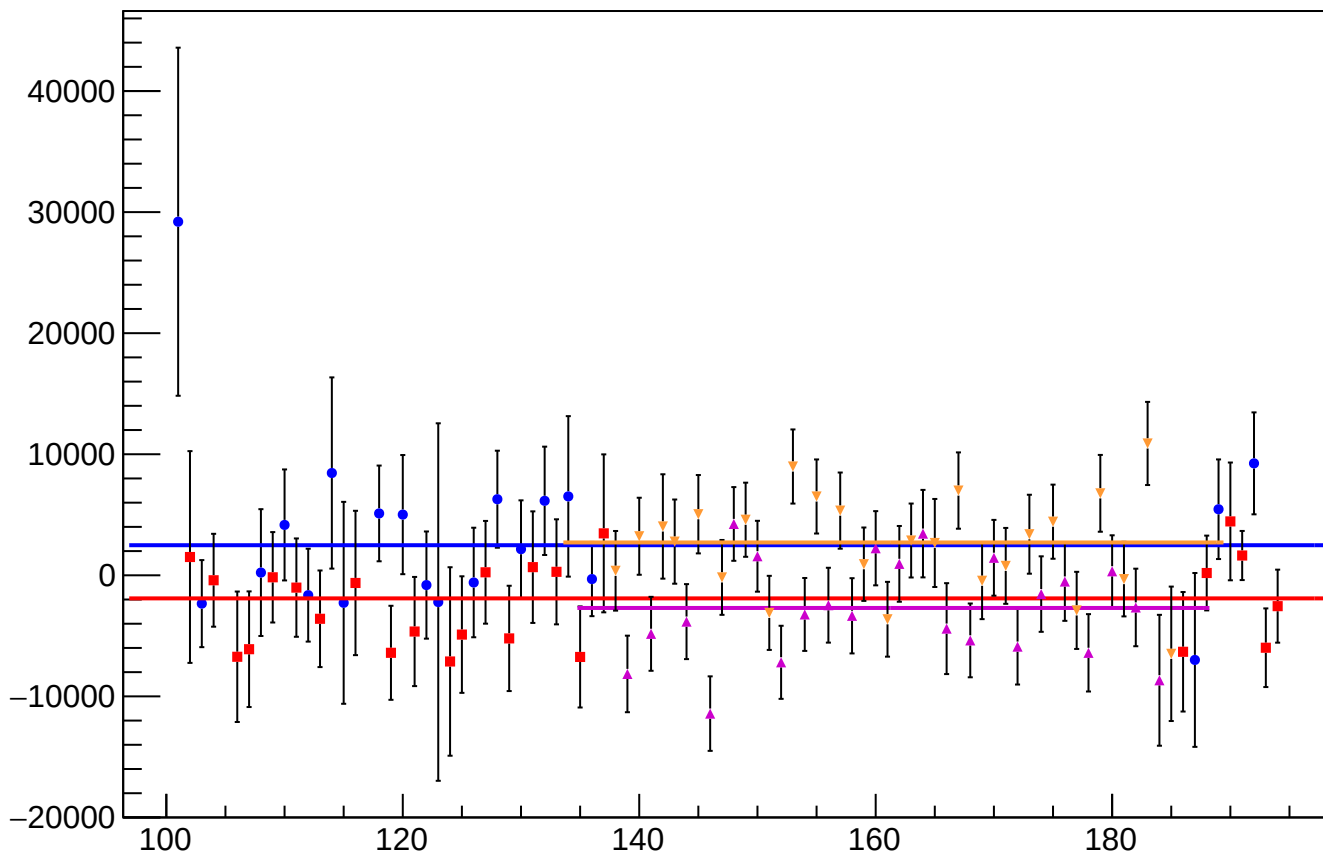
asym_atl2_rms vs Slug



Right In: 6532.912 ± 1.707 χ^2/NDF : 774726.0/19
 Left Out: 9841.227 ± 1.659 χ^2/NDF : 1184767.7/24
 Right Out: 6844.458 ± 1.562 χ^2/NDF : 1362435.8/23
 Left In: 9928.662 ± 1.707 χ^2/NDF : 1220804.9/22

+ sign 8233.484 ± 1.190 χ^2/NDF : 3891344.6/44
 All: 8241.968 ± 0.828 χ^2/NDF : 8251888.5/91
 - sign 8249.927 ± 1.152 χ^2/NDF : 4360445.3/46

dit_asym_atr1_mean vs Slug



Right In: 2485.491 ± 1047.030 χ^2/NDF : 17.1/19

Left Out: 2712.564 ± 648.832 χ^2/NDF : 34.7/24

Right Out: -1906.606 ± 821.162 χ^2/NDF : 16.0/23

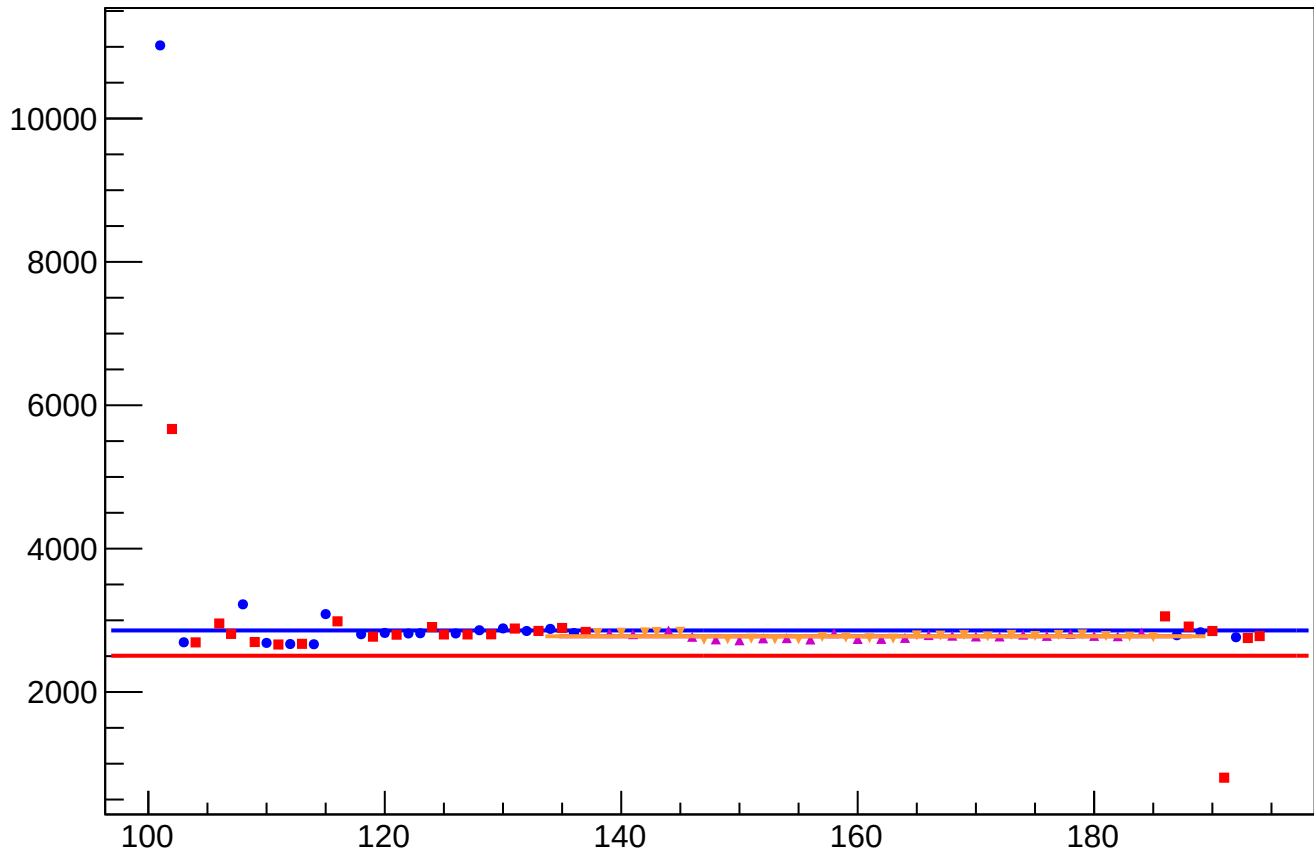
Left In: -2697.794 ± 662.544 χ^2/NDF : 36.1/22

+ sign 2649.559 ± 551.521 χ^2/NDF : 51.8/44

All: -37.268 ± 376.657 χ^2/NDF : 148.9/91

- sign -2385.827 ± 515.636 χ^2/NDF : 52.6/46

dit_asym_atr1_rms vs Slug



Right In: 2858.714 $\pm$ 0.740 χ^2 /NDF: 671330.6/19

Left Out: 2777.450 $\pm$ 0.459 χ^2 /NDF: 5253.1/24

Right Out: 2506.107 $\pm$ 0.581 χ^2 /NDF: 1915516.7/23

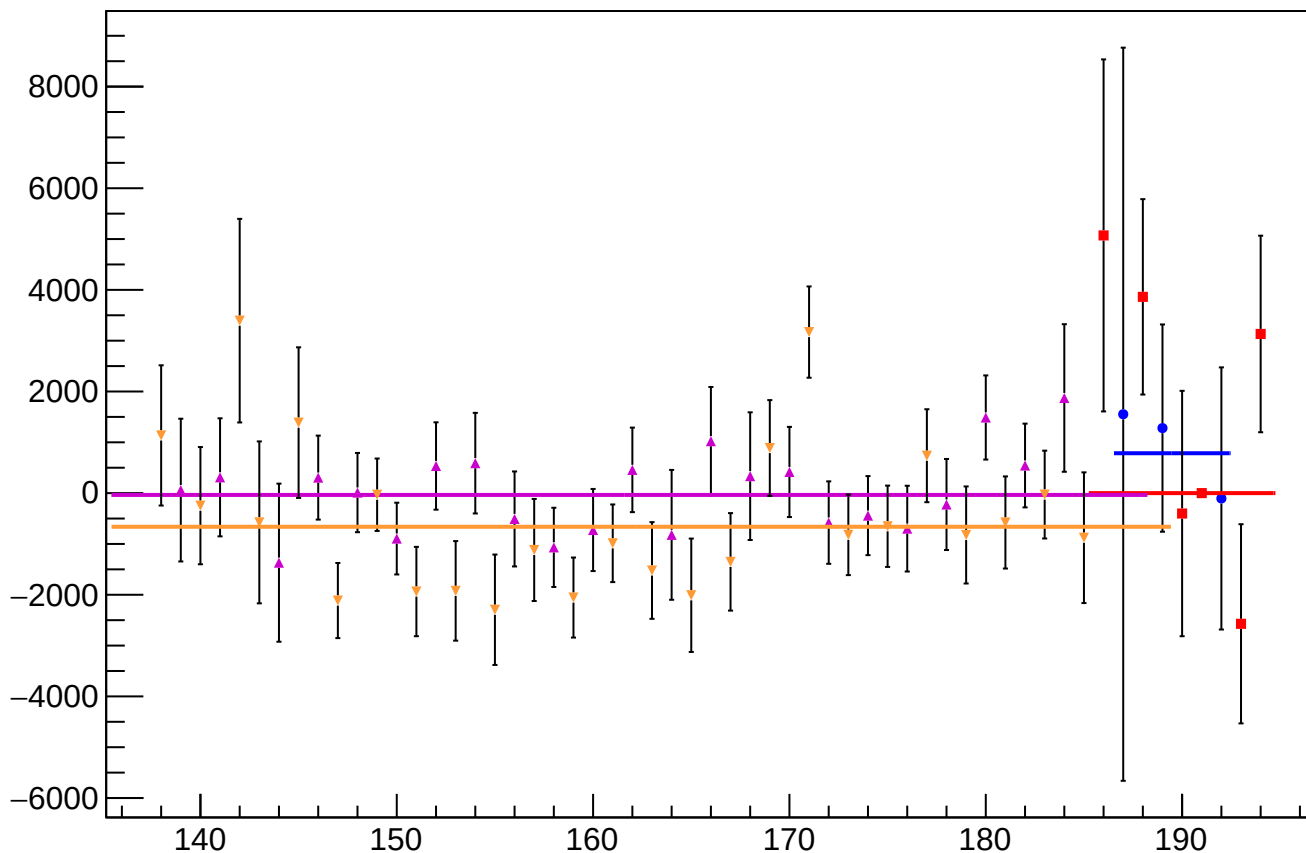
Left In: 2777.355 $\pm$ 0.468 χ^2 /NDF: 5488.7/22

+ sign 2799.998 $\pm$ 0.390 χ^2 /NDF: 685288.6/44

All: 2730.847 $\pm$ 0.266 χ^2 /NDF: 2797397.5/91

- sign 2670.402 $\pm$ 0.365 χ^2 /NDF: 2053184.1/46

asym_atr1_correction_mean vs Slug



Right In: 785.114+/-1561.829 χ^2/NDF : 0.2/2

Left Out: -661.759+/-190.222 χ^2/NDF : 48.7/24

Right Out: 0.271+/-4.105 χ^2/NDF : 10.6/5

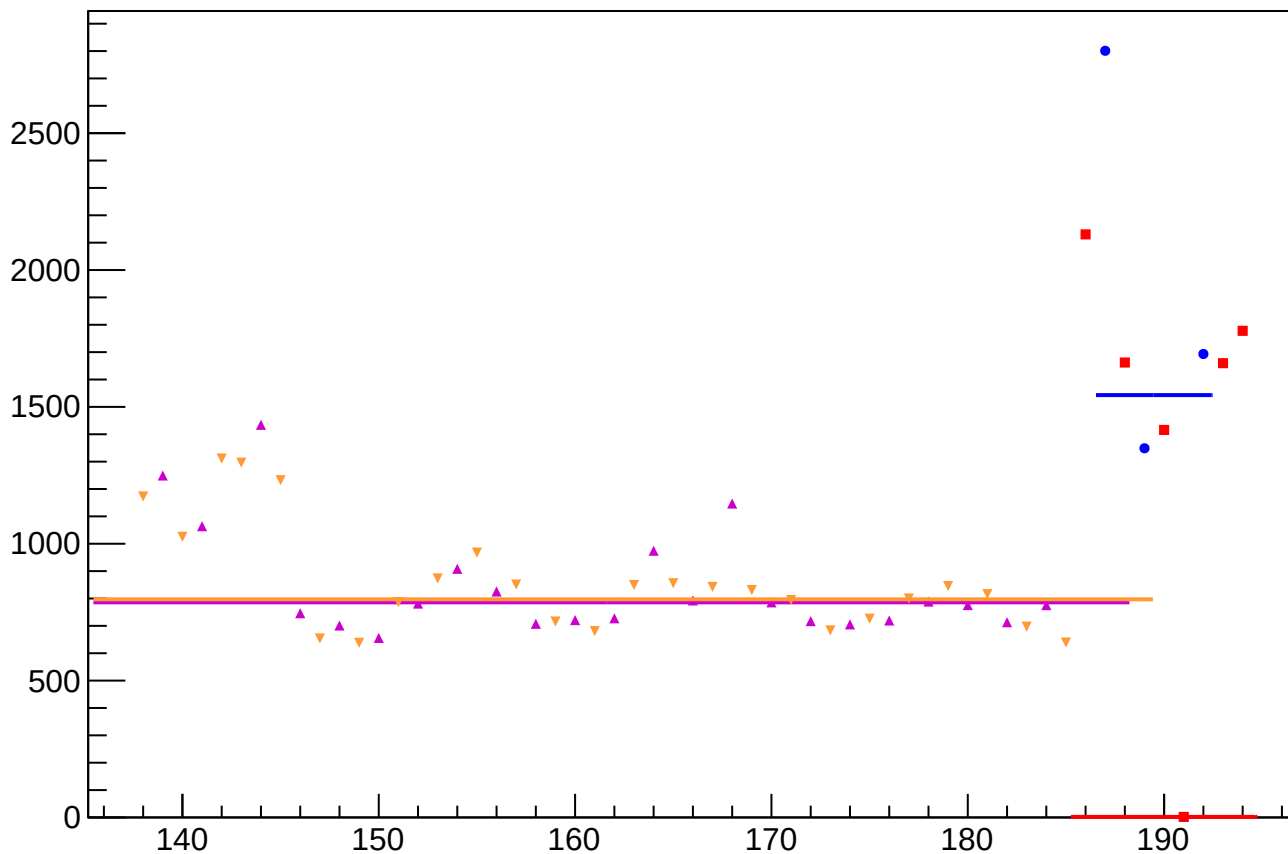
Left In: -35.366+/-190.553 χ^2/NDF : 15.1/22

+ sign -640.610+/-188.827 χ^2/NDF : 49.7/27

All: -0.049+/-4.103 χ^2/NDF : 86.9/56

- sign 0.254+/-4.104 χ^2/NDF : 25.7/28

asym_atr1_correction_rms vs Slug



Right In: 1543.114 $\pm$ 1.104 χ^2 /NDF: 85771.5/2

Left Out: 796.994 $\pm$ 0.135 χ^2 /NDF: 1174879.0/24

Right Out: 2.067 $\pm$ 0.003 χ^2 /NDF: 6048222.0/5

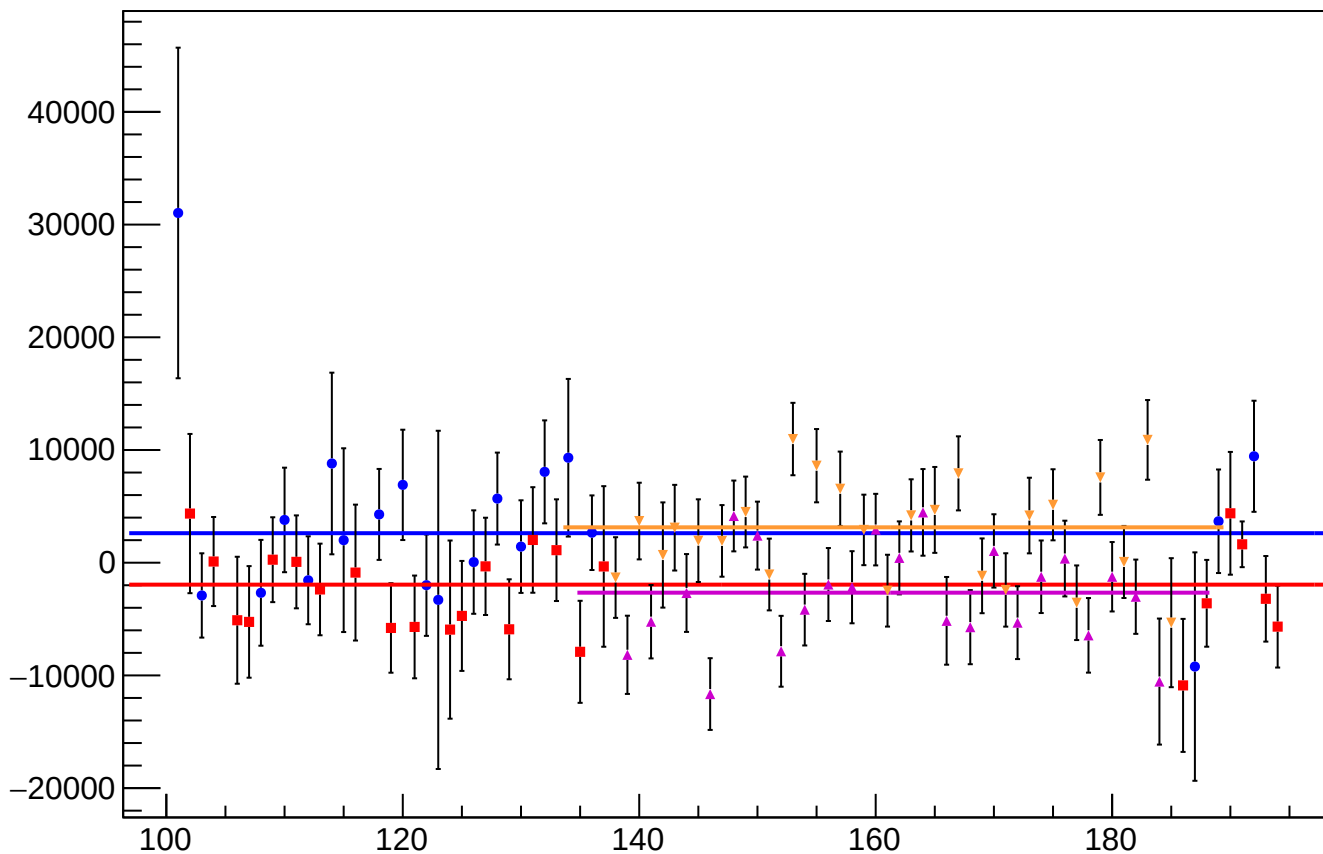
Left In: 785.928 $\pm$ 0.135 χ^2 /NDF: 1126027.7/22

+ sign 807.900 $\pm$ 0.134 χ^2 /NDF: 1710415.5/27

All: 2.811 $\pm$ 0.003 χ^2 /NDF: 79086836.5/56

- sign 2.431 $\pm$ 0.003 χ^2 /NDF: 41002046.5/28

asym_atr1_mean vs Slug



Right In: 2618.888 $\pm$ 1087.285 χ^2 /NDF: 17.8/19

Left Out: 3139.358 $\pm$ 680.222 χ^2 /NDF:38.3/24

Right Out: -1946.632 $\pm$ 867.417 χ^2 /NDF: 16.7/23

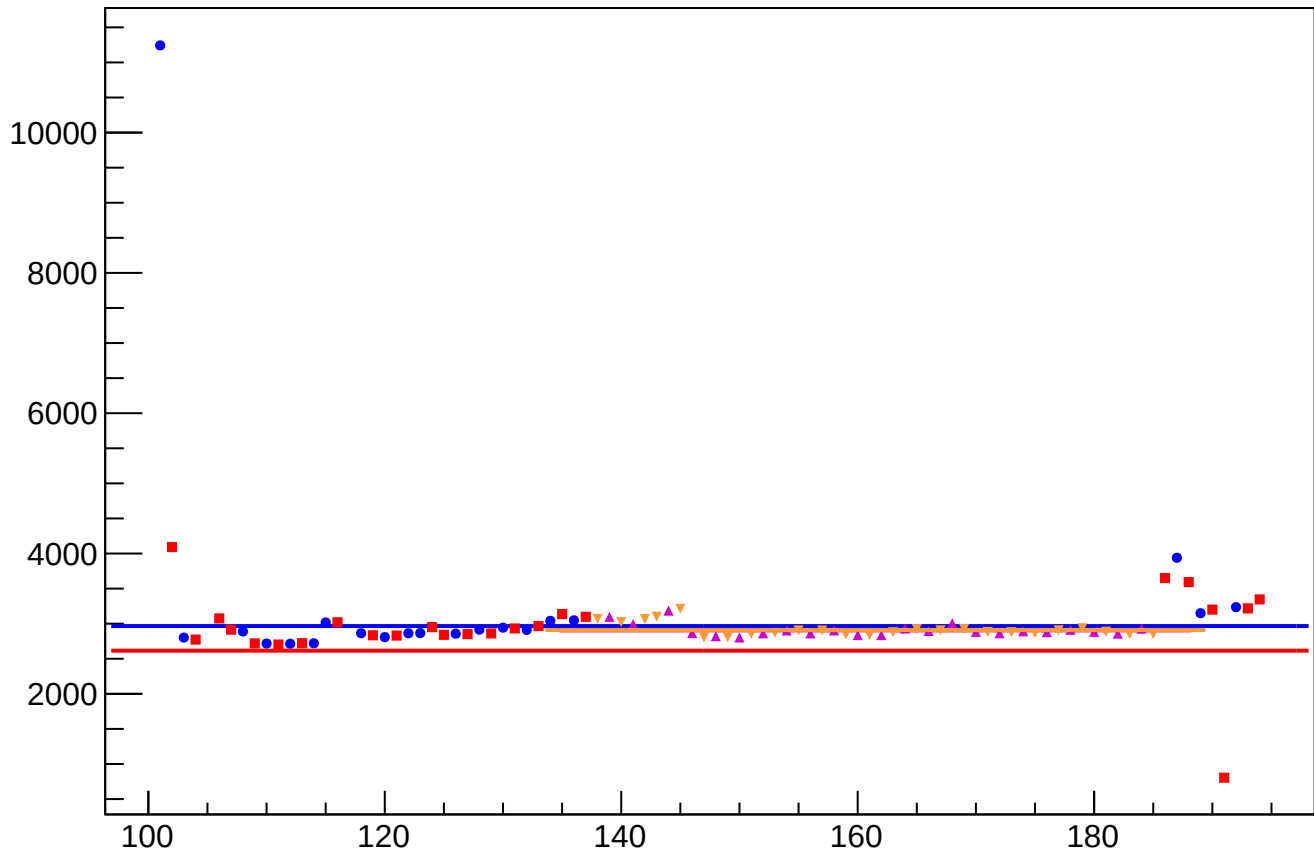
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF:36.9/22

+ sign 2992.951 $\pm$ 576.668 χ^2 /NDF: 56.2/44

All: 136.566 $\pm$ 394.739 χ^2 /NDF: 156.4/91

- sign -2381.905 $\pm$ 541.484 χ^2 /NDF: 54.0/46

asym_atr1_rms vs Slug



Right In: 2965.802+/-0.769 χ^2/NDF : 692750.9/19

Left Out: 2910.362+/-0.481 χ^2/NDF : 36080.5/24

Right Out: 2615.469+/-0.613 χ^2/NDF : 2149155.4/23

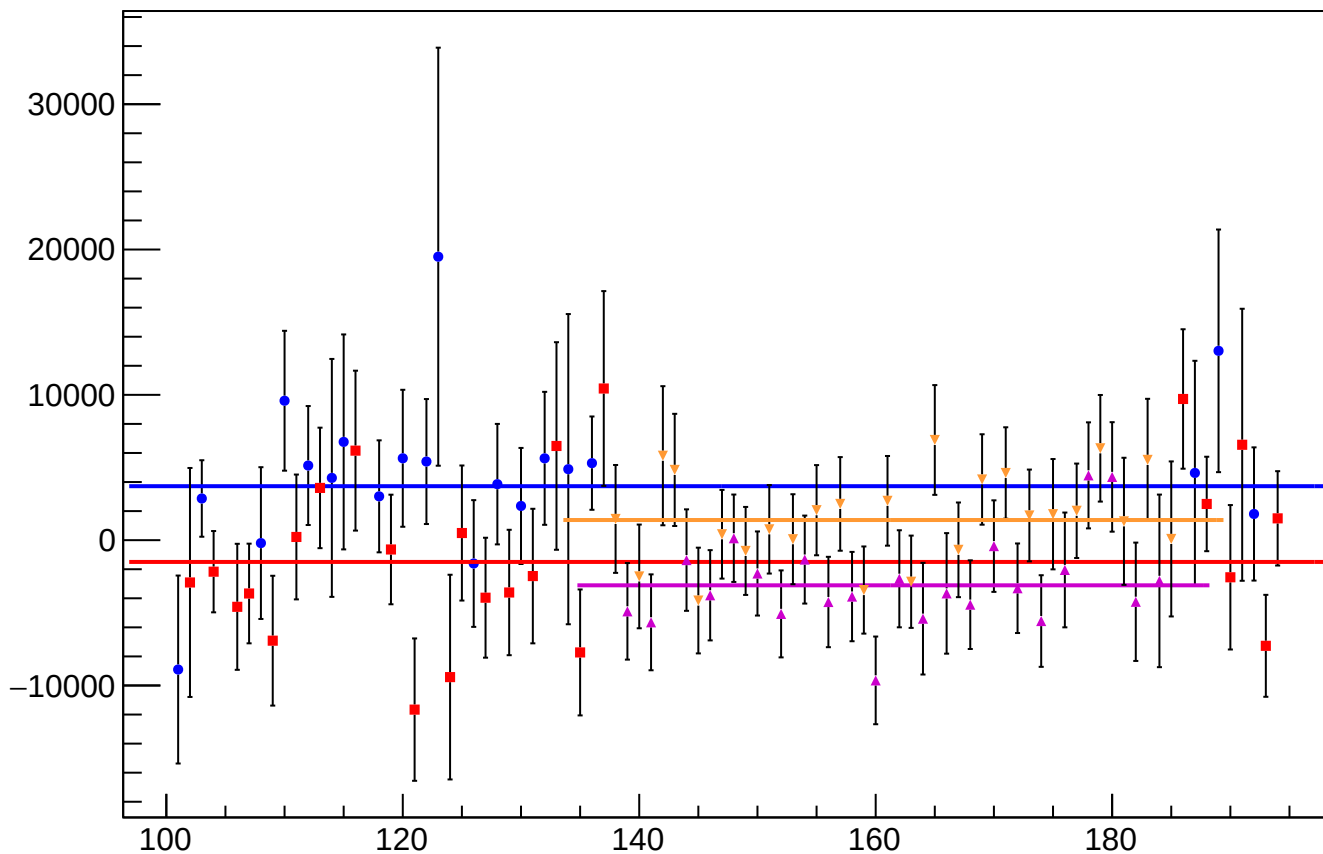
Left In: 2904.499+/-0.490 χ^2/NDF : 30423.1/22

+ sign 2925.957+/-0.408 χ^2/NDF : 732568.5/44

All: 2854.697+/-0.279 χ^2/NDF : 3105136.7/91

- sign 2791.868+/-0.383 χ^2/NDF : 2315101.5/46

dit_asym_atr2_mean vs Slug



Right In: 3714.309 $\pm$ 1043.629 χ^2 /NDF: 11.3/19

Left Out: 1386.275 $\pm$ 684.647 χ^2 /NDF:18.0/24

Right Out: -1498.085 $\pm$ 885.074 χ^2 /NDF: 30.3/23

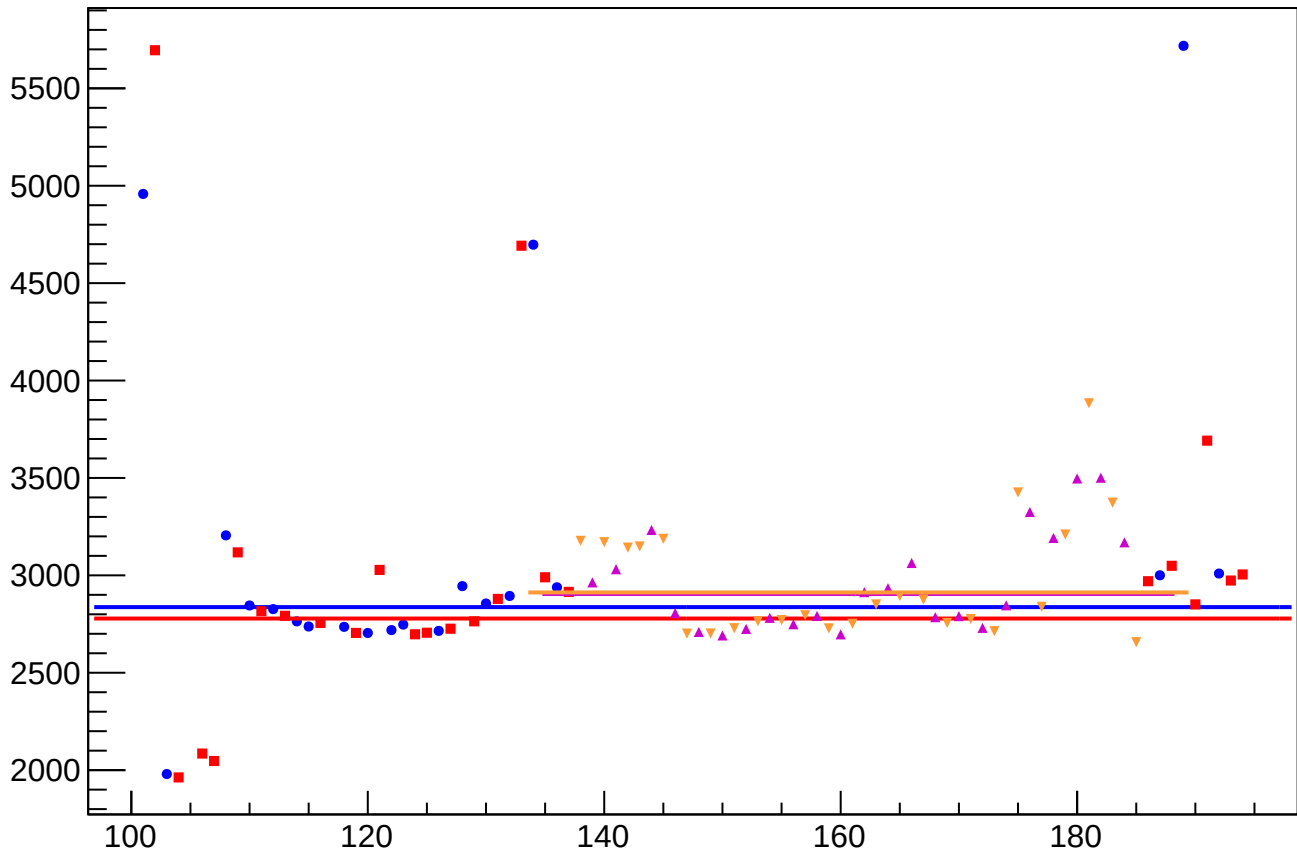
Left In: -3106.878 $\pm$ 695.685 χ^2 /NDF:18.4/22

+ sign 2086.734 $\pm$ 572.457 χ^2 /NDF: 32.8/44

All: -307.177 $\pm$ 395.462 χ^2 /NDF: 117.0/91

- sign -2492.502 $\pm$ 546.949 χ^2 /NDF: 50.8/46

dit_asym_atr2_rms vs Slug



Right In: 2836.910+/-0.738 χ^2/NDF : 750154.2/19

Left Out: 2912.211+/-0.484 χ^2/NDF : 290908.5/24

Right Out: 2778.291+/-0.626 χ^2/NDF : 808249.8/23

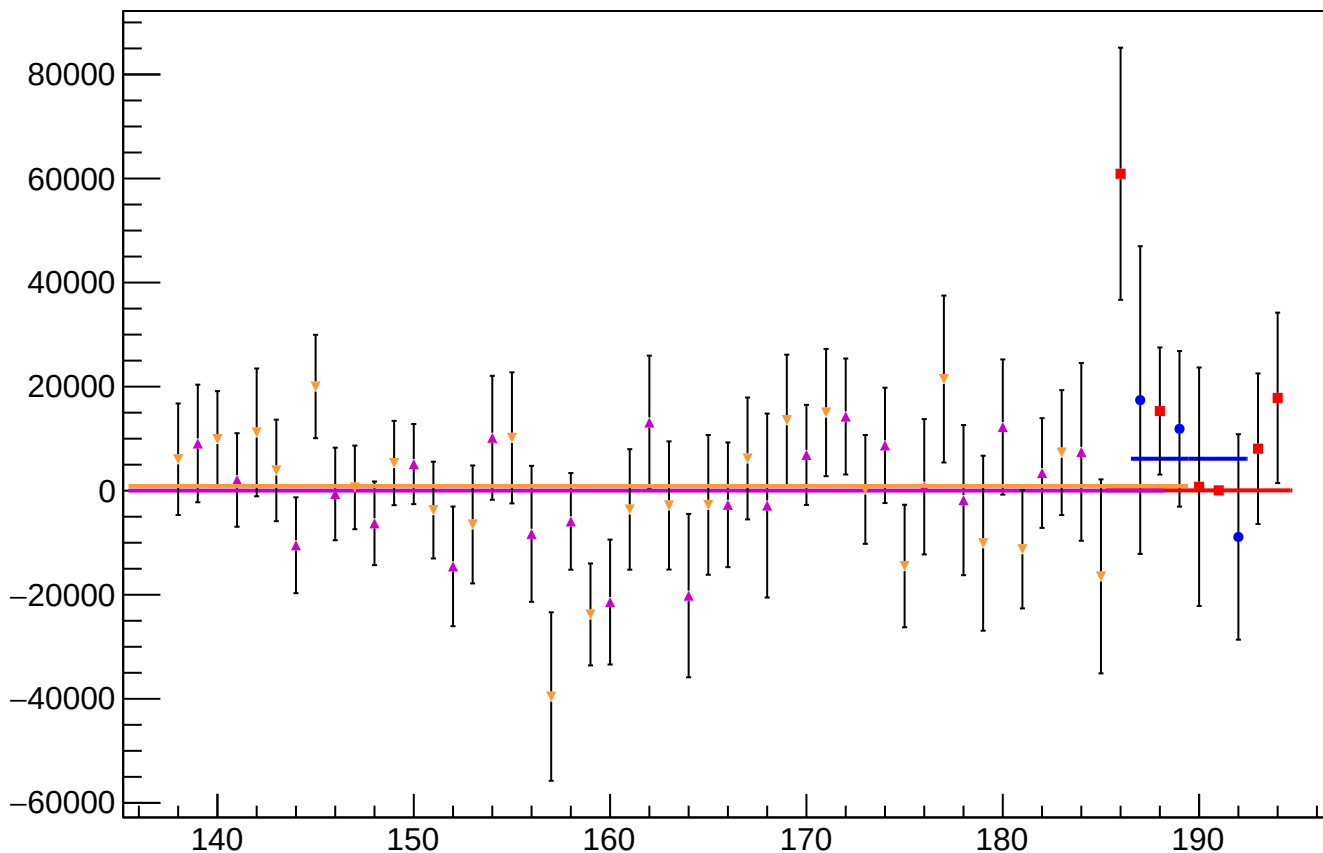
Left In: 2904.472+/-0.492 χ^2/NDF : 217578.9/22

+ sign 2889.554+/-0.405 χ^2/NDF : 1048341.9/44

All: 2872.153+/-0.280 χ^2/NDF : 2102838.5/91

- sign 2856.271+/-0.387 χ^2/NDF : 1050962.0/46

asym_atr2_correction_mean vs Slug



Right In: 6142.788 $\pm$ 11053.139 χ^2 /NDF: 0.9/2

Left Out: 916.096 $\pm$ 2238.762 χ^2 /NDF: 28.7/24

Right Out: 62.940 $\pm$ 29.129 χ^2 /NDF: 9.4/5

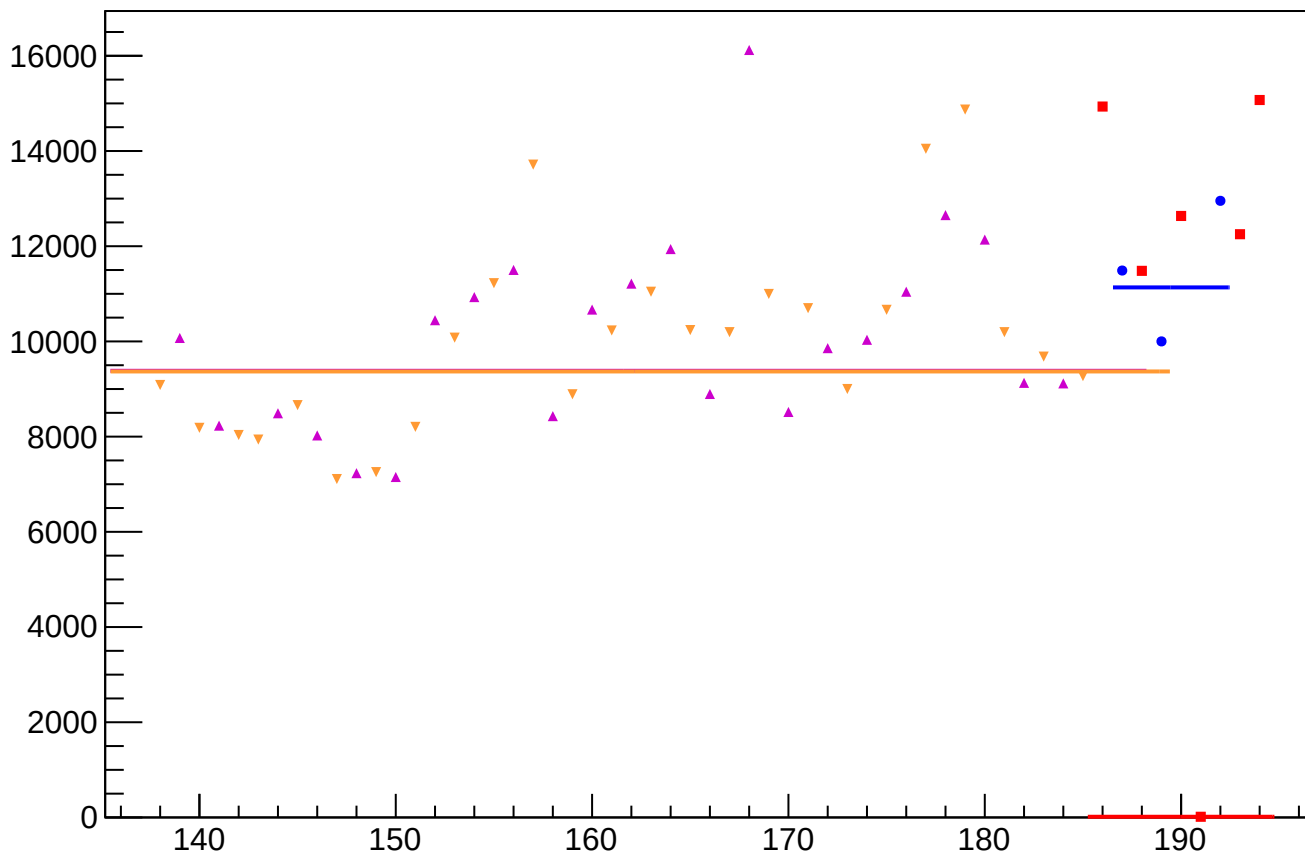
Left In: 25.729 $\pm$ 2280.428 χ^2 /NDF: 16.1/22

+ sign 1122.069 $\pm$ 2194.206 χ^2 /NDF: 29.8/27

All: 63.120 $\pm$ 29.124 χ^2 /NDF: 55.5/56

- sign 62.933 $\pm$ 29.127 χ^2 /NDF: 25.4/28

asym_atr2_correction_rms vs Slug



Right In: 11134.757 $\pm$ 7.816 χ^2 /NDF: 28784.4/2

Left Out: 9369.034 $\pm$ 1.583 χ^2 /NDF:1183012.4/24

Right Out: 14.642 $\pm$ 0.021 χ^2 /NDF: 6246652.9/5

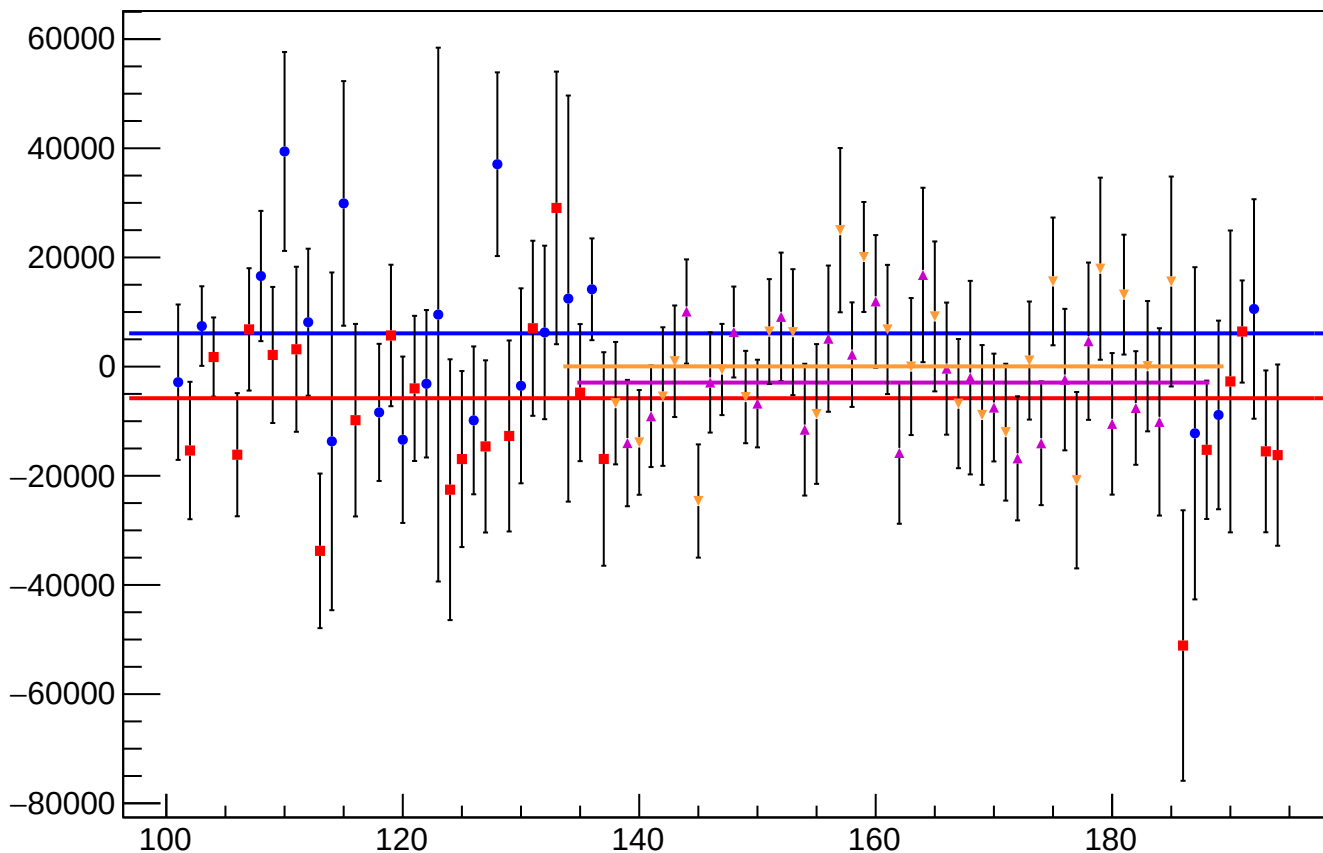
Left In: 9382.727 $\pm$ 1.613 χ^2 /NDF:1205648.8/22

+ sign 9438.618 $\pm$ 1.552 χ^2 /NDF: 1260824.6/27

All: 17.831 $\pm$ 0.021 χ^2 /NDF: 79334063.5/56

- sign 16.171 $\pm$ 0.021 χ^2 /NDF: 41198757.6/28

asym_atr2_mean vs Slug



Right In: 6093.022 $\pm$ 3260.505 χ^2 /NDF: 16.5/19

Left Out: 43.265 $\pm$ 2290.867 χ^2 /NDF:25.9/24

Right Out: -5789.882 $\pm$ 2796.681 χ^2 /NDF: 20.1/23

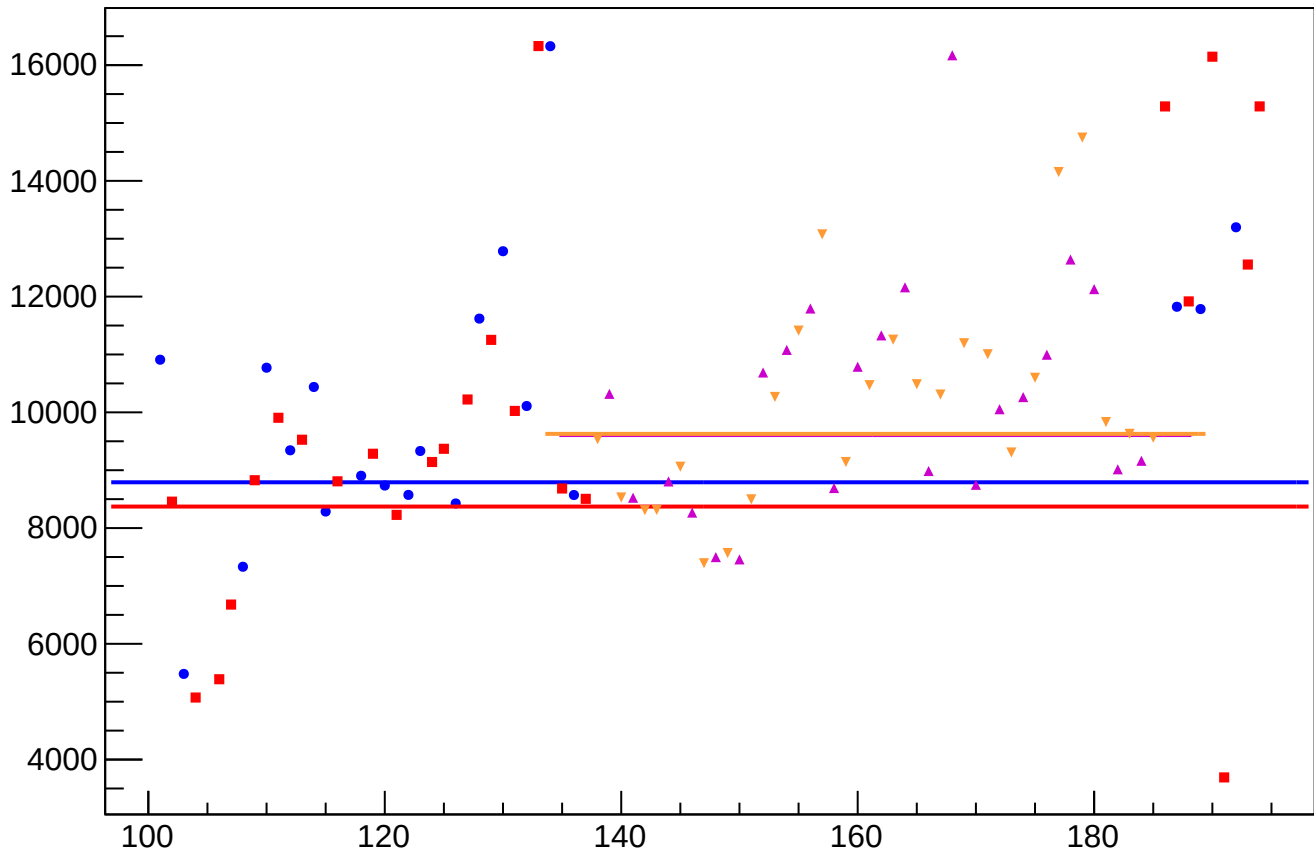
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF:14.6/22

+ sign 2042.737 $\pm$ 1874.449 χ^2 /NDF: 44.7/44

All: -1169.150 $\pm$ 1294.698 χ^2 /NDF: 85.6/91

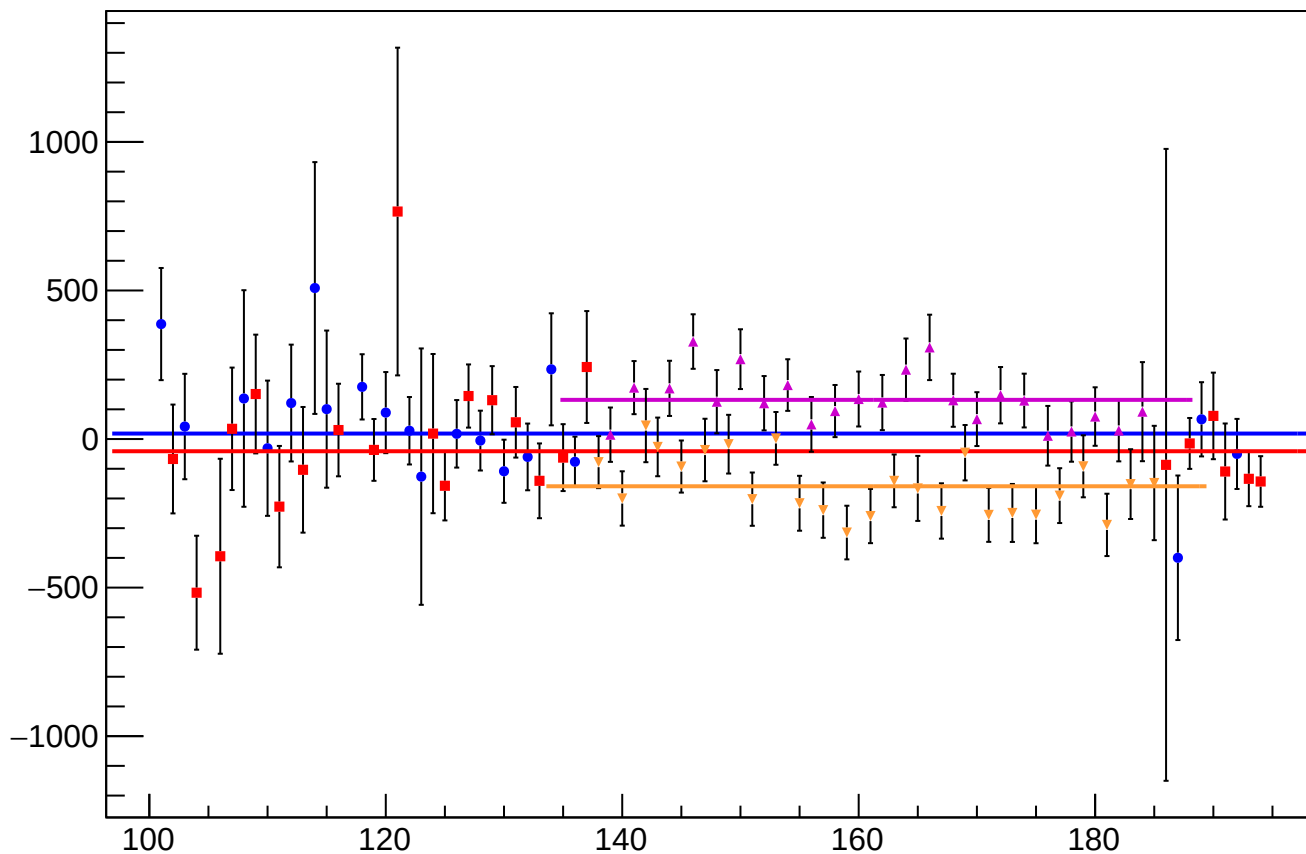
- sign -4099.458 $\pm$ 1790.400 χ^2 /NDF: 35.3/46

asym_atr2_rms vs Slug



Right In: 8791.293+/-2.306	χ^2/NDF : 951990.7/19	+ sign 9351.347+/-1.325	χ^2/NDF : 2044772.1/44
Left Out: 9627.824+/-1.620	χ^2/NDF : 1004641.7/24	All: 9220.482+/-0.915	χ^2/NDF : 5821052.1/91
Right Out: 8371.859+/-1.977	χ^2/NDF : 2441734.1/23	- sign 9101.094+/-1.266	χ^2/NDF : 3757638.3/46
Left In: 9607.553+/-1.648	χ^2/NDF : 1085465.7/22		

dit_asym_sam1_mean vs Slug



Right In: 18.466 ± 31.425 χ^2/NDF : 15.4/19

Left Out: -158.948 ± 19.453 χ^2/NDF : 25.8/24

Right Out: -41.052 ± 28.065 χ^2/NDF : 25.0/23

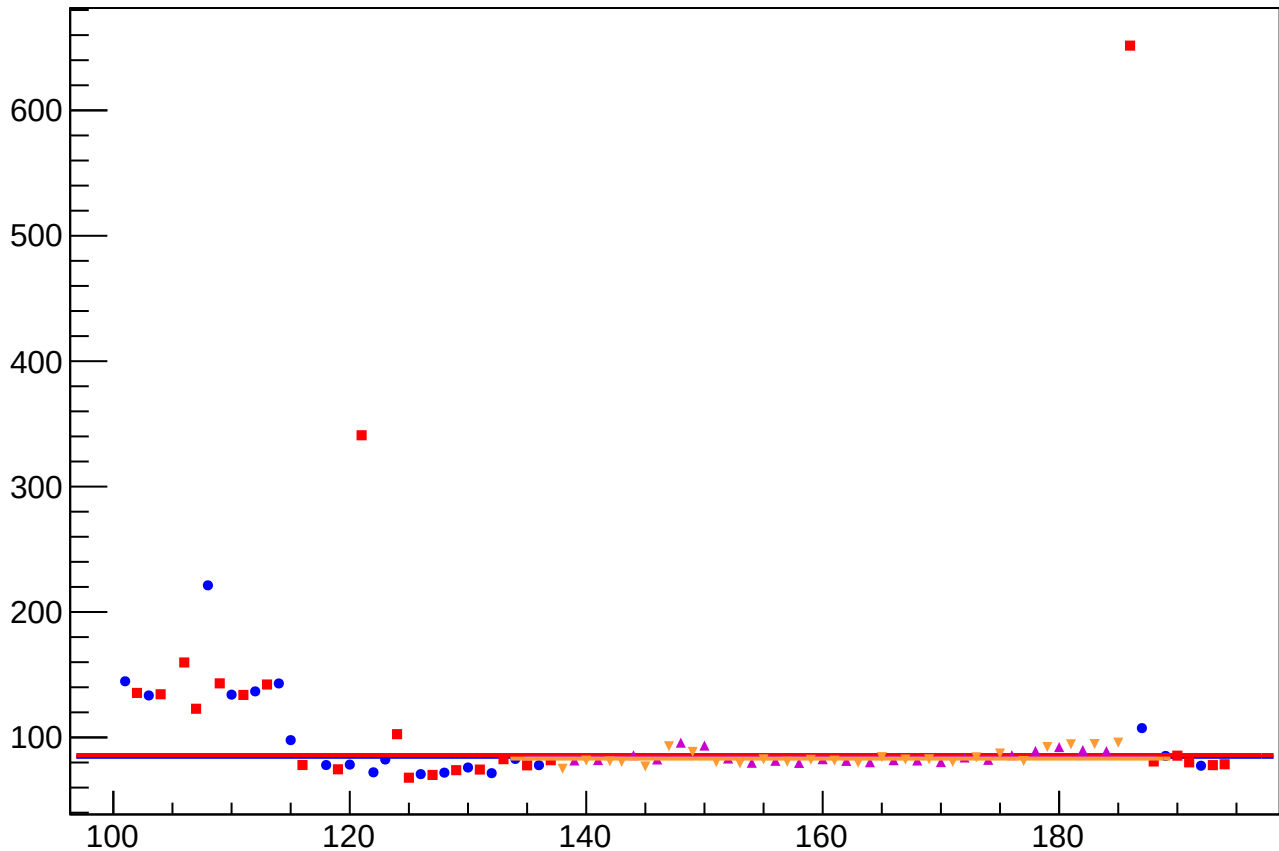
Left In: 131.879 ± 20.076 χ^2/NDF : 17.8/22

+ sign -109.796 ± 16.540 χ^2/NDF : 64.2/44

All: -17.046 ± 11.620 χ^2/NDF : 194.2/91

- sign 73.341 ± 16.328 χ^2/NDF : 67.9/46

dit_asym_sam1_rms vs Slug



Right In: 84.543+/-0.022 χ^2/NDF : 1085496.6/19

Left Out: 83.126+/-0.014 χ^2/NDF : 138741.0/24

Right Out: 85.980+/-0.020 χ^2/NDF : 2071357.6/23

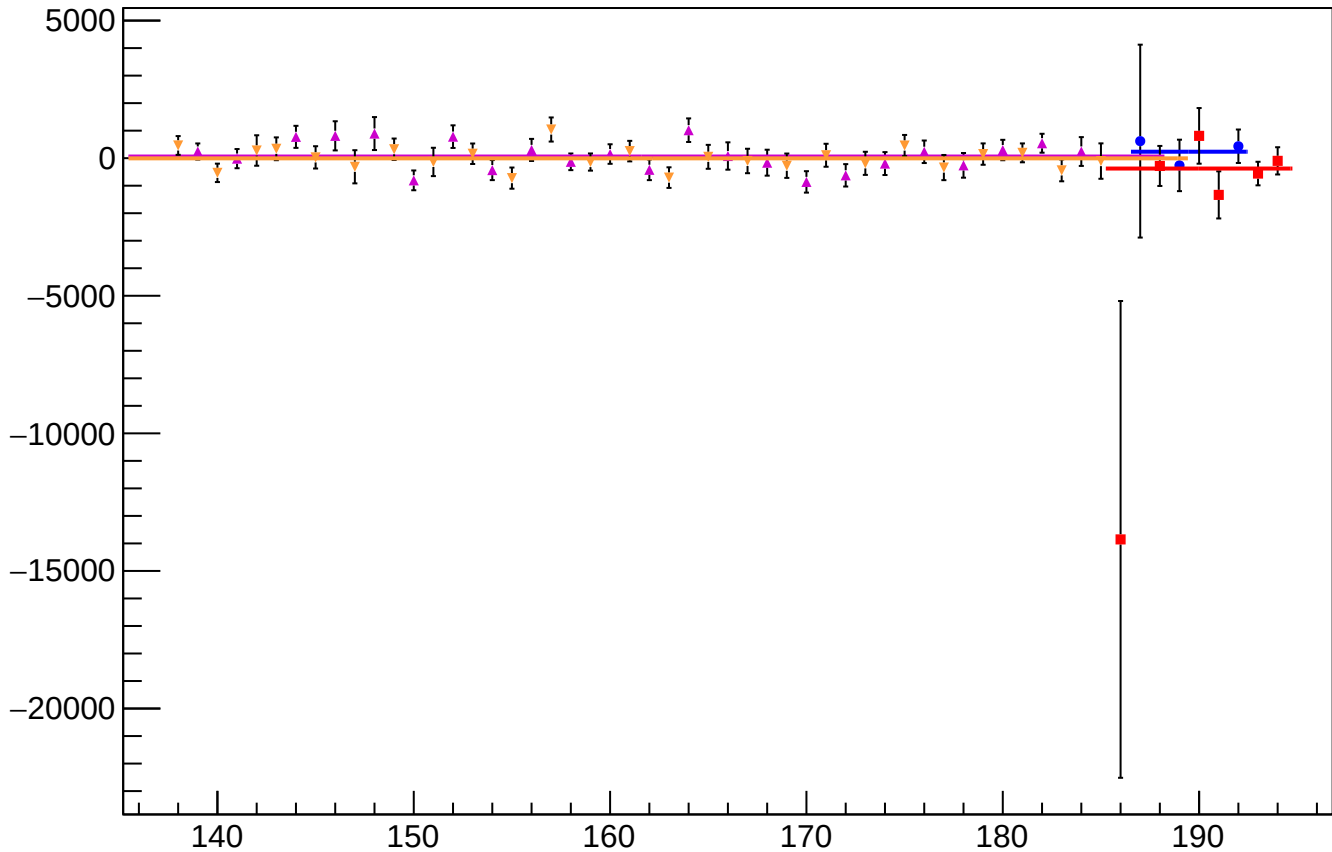
Left In: 84.108+/-0.014 χ^2/NDF : 96934.3/22

+ sign 83.519+/-0.012 χ^2/NDF : 1227174.7/44

All: 84.138+/-0.008 χ^2/NDF : 3406895.6/91

- sign 84.742+/-0.012 χ^2/NDF : 2174178.9/46

asym_sam1_correction_mean vs Slug



Right In: 234.725 ± 504.342 χ^2/NDF : 0.4/2

Left Out: -6.627 ± 81.138 χ^2/NDF : 24.4/24

Right Out: -376.782 ± 269.394 χ^2/NDF : 5.6/5

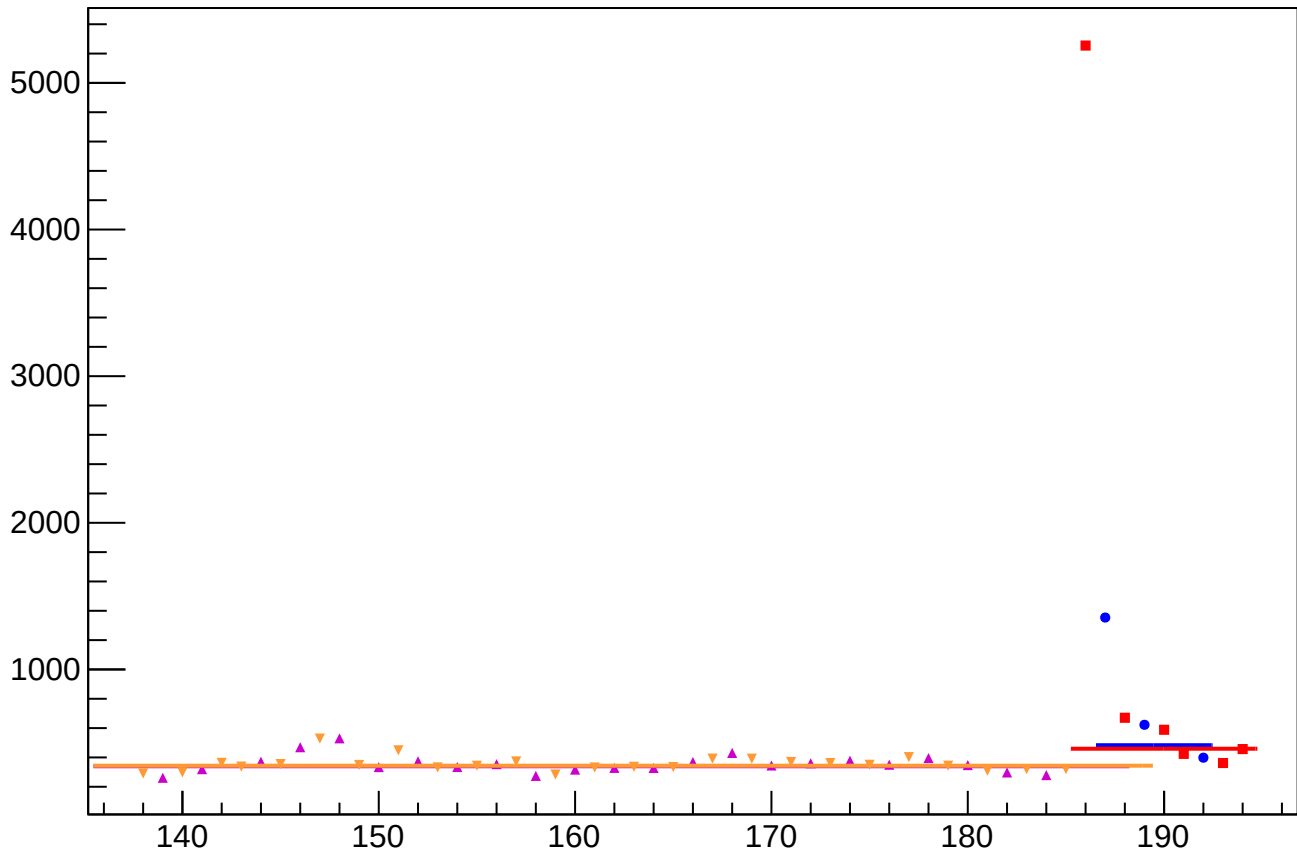
Left In: 59.971 ± 82.046 χ^2/NDF : 38.0/22

+ sign -0.538 ± 80.108 χ^2/NDF : 25.0/27

All: 11.420 ± 56.063 χ^2/NDF : 71.0/56

- sign 22.898 ± 78.487 χ^2/NDF : 45.9/28

asym_sam1_correction_rms vs Slug



Right In: 483.291+/-0.357 χ^2/NDF : 206927.8/2

Left Out: 343.620+/-0.057 χ^2/NDF : 571090.7/24

Right Out: 459.361+/-0.190 χ^2/NDF : 921237.2/5

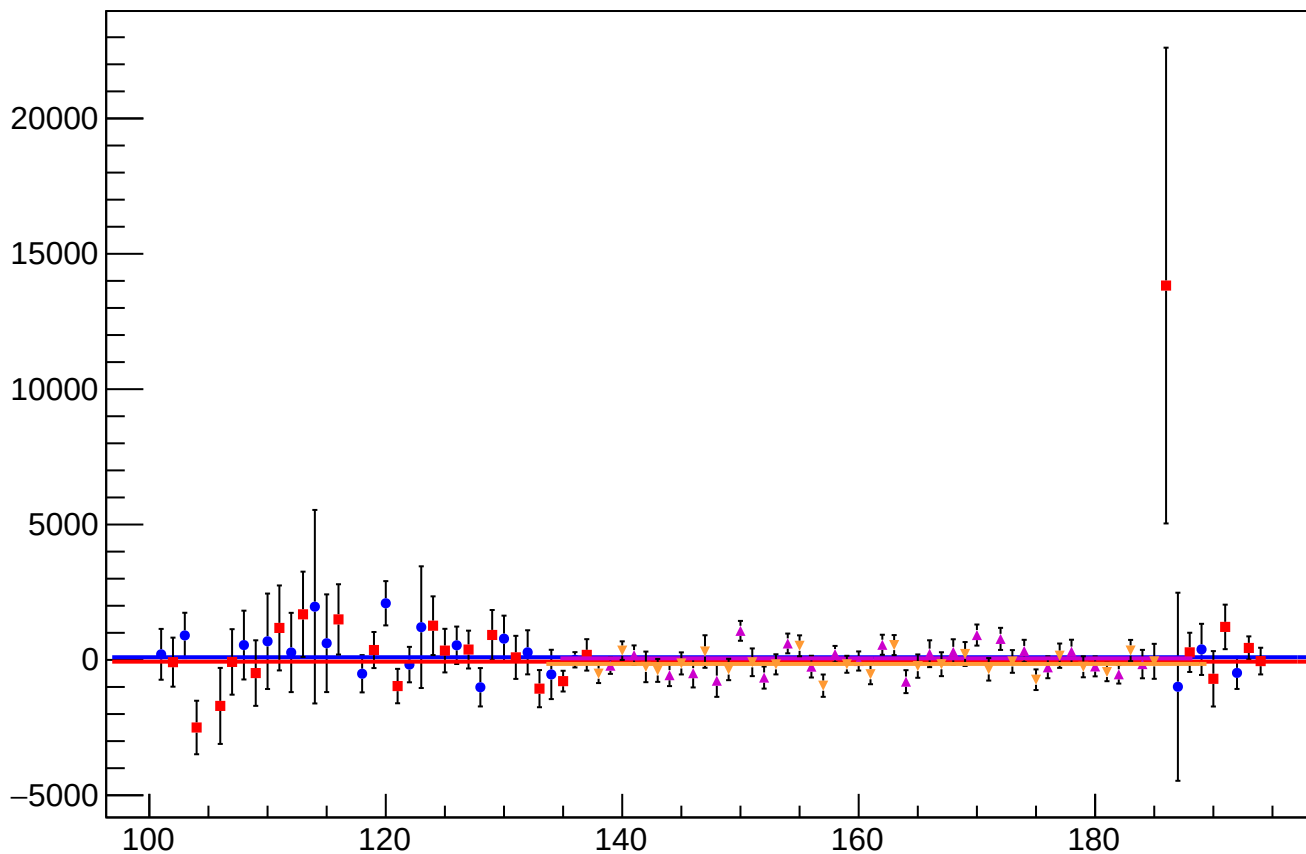
Left In: 339.804+/-0.058 χ^2/NDF : 799750.5/22

+ sign 347.144+/-0.057 χ^2/NDF : 927535.8/27

All: 348.577+/-0.040 χ^2/NDF : 3010258.3/56

- sign 349.952+/-0.055 χ^2/NDF : 2081468.4/28

asym_sam1_mean vs Slug



Right In: 97.911 $\pm$ 168.581 χ^2 /NDF: 14.0/19

Left Out: -148.809 $\pm$ 81.017 χ^2 /NDF:22.0/24

Right Out: -64.672 $\pm$ 151.976 χ^2 /NDF: 29.4/23

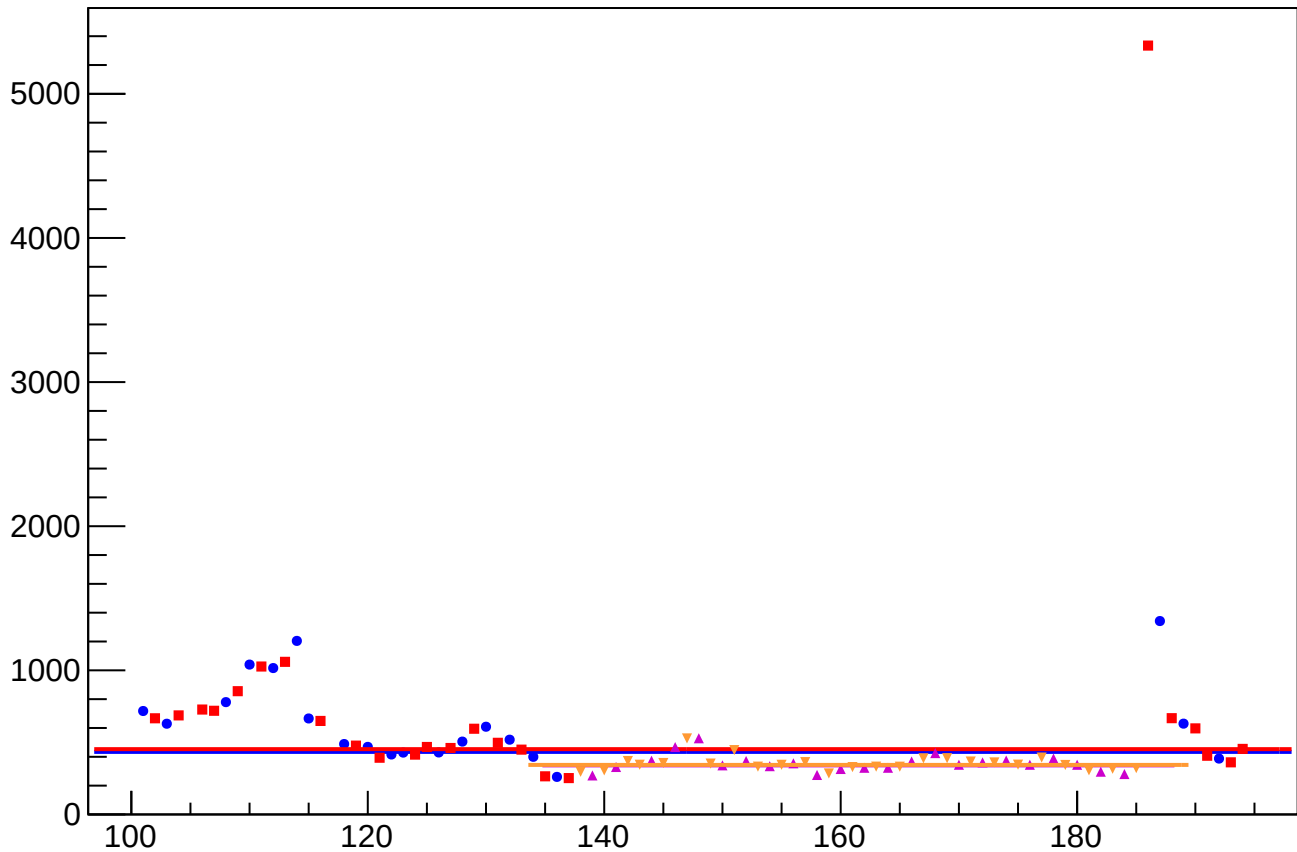
Left In: 56.402 $\pm$ 82.155 χ^2 /NDF:39.7/22

+ sign -102.518 $\pm$ 73.022 χ^2 /NDF: 37.7/44

All: -36.068 $\pm$ 51.367 χ^2 /NDF: 109.0/91

- sign 29.022 $\pm$ 72.271 χ^2 /NDF: 69.6/46

asym_sam1_rms vs Slug



Right In: 434.079+/-0.119 χ^2/NDF : 2249157.1/19

Left Out: 343.762+/-0.057 χ^2/NDF : 539246.3/24

Right Out: 453.150+/-0.107 χ^2/NDF : 2958686.5/23

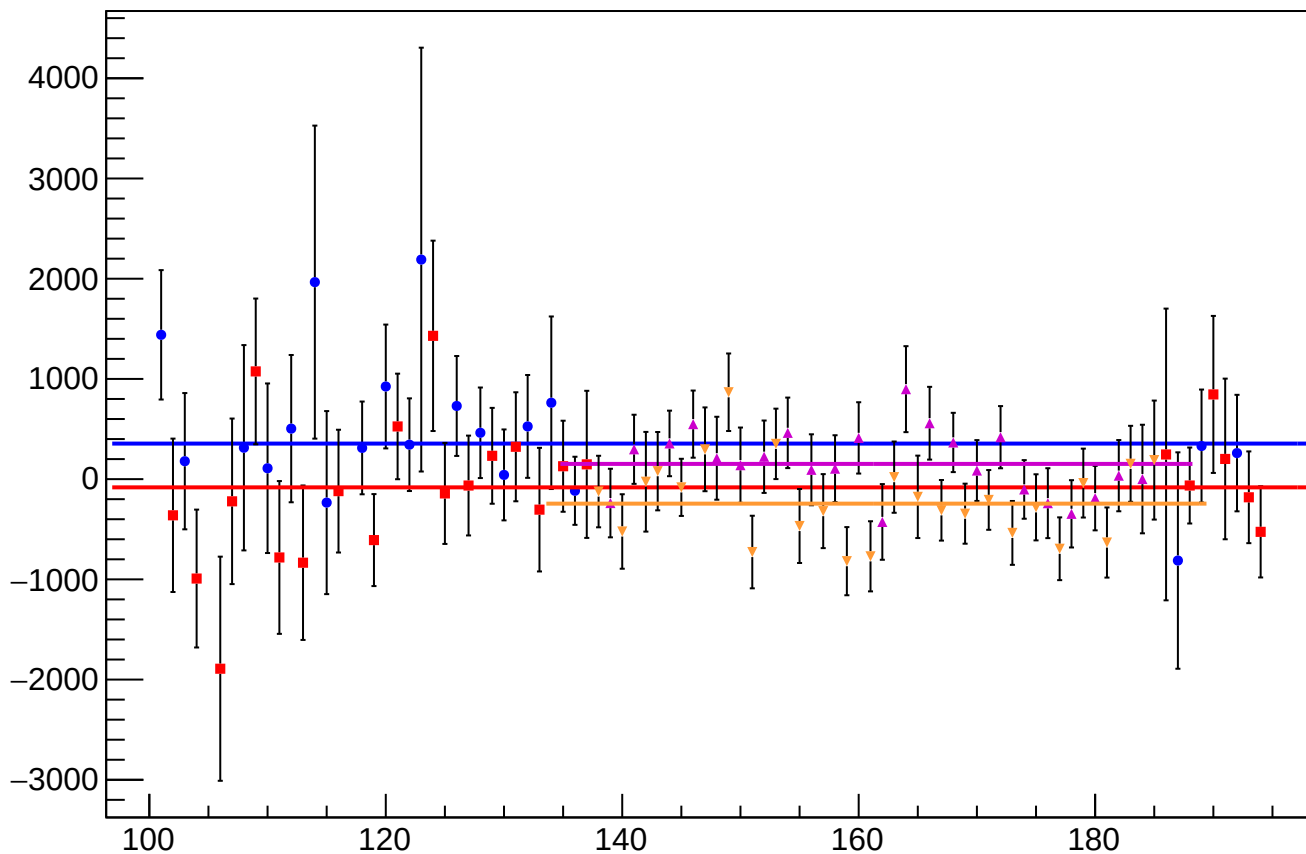
Left In: 340.519+/-0.058 χ^2/NDF : 737049.6/22

+ sign 360.708+/-0.052 χ^2/NDF : 3254755.6/44

All: 363.376+/-0.036 χ^2/NDF : 7805850.0/91

- sign 365.990+/-0.051 χ^2/NDF : 4545808.2/46

dit_asym_sam2_mean vs Slug



Right In: 354.820 ± 132.304 χ^2/NDF : 10.7/19

Left Out: -244.459 ± 70.636 χ^2/NDF : 28.9/24

Right Out: -81.995 ± 120.574 χ^2/NDF : 18.1/23

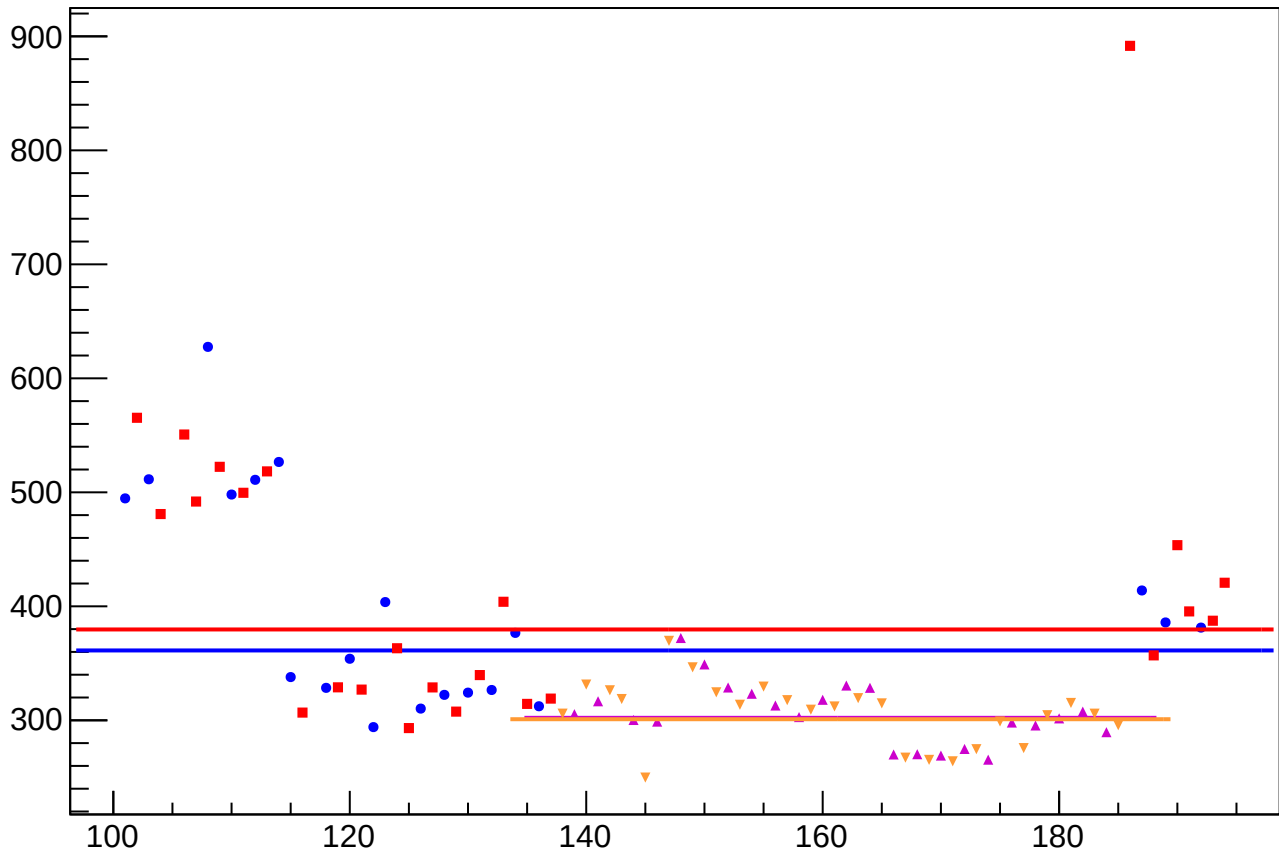
Left In: 152.030 ± 72.312 χ^2/NDF : 18.2/22

+ sign -111.530 ± 62.312 χ^2/NDF : 55.5/44

All: -10.221 ± 43.955 χ^2/NDF : 99.8/91

- sign 90.123 ± 62.014 χ^2/NDF : 39.0/46

dit_asym_sam2_rms vs Slug



Right In: 361.288 ± 0.094 χ^2/NDF : 641915.3/19

Left Out: 300.961 ± 0.050 χ^2/NDF : 322200.5/24

Right Out: 379.701 ± 0.085 χ^2/NDF : 993718.2/23

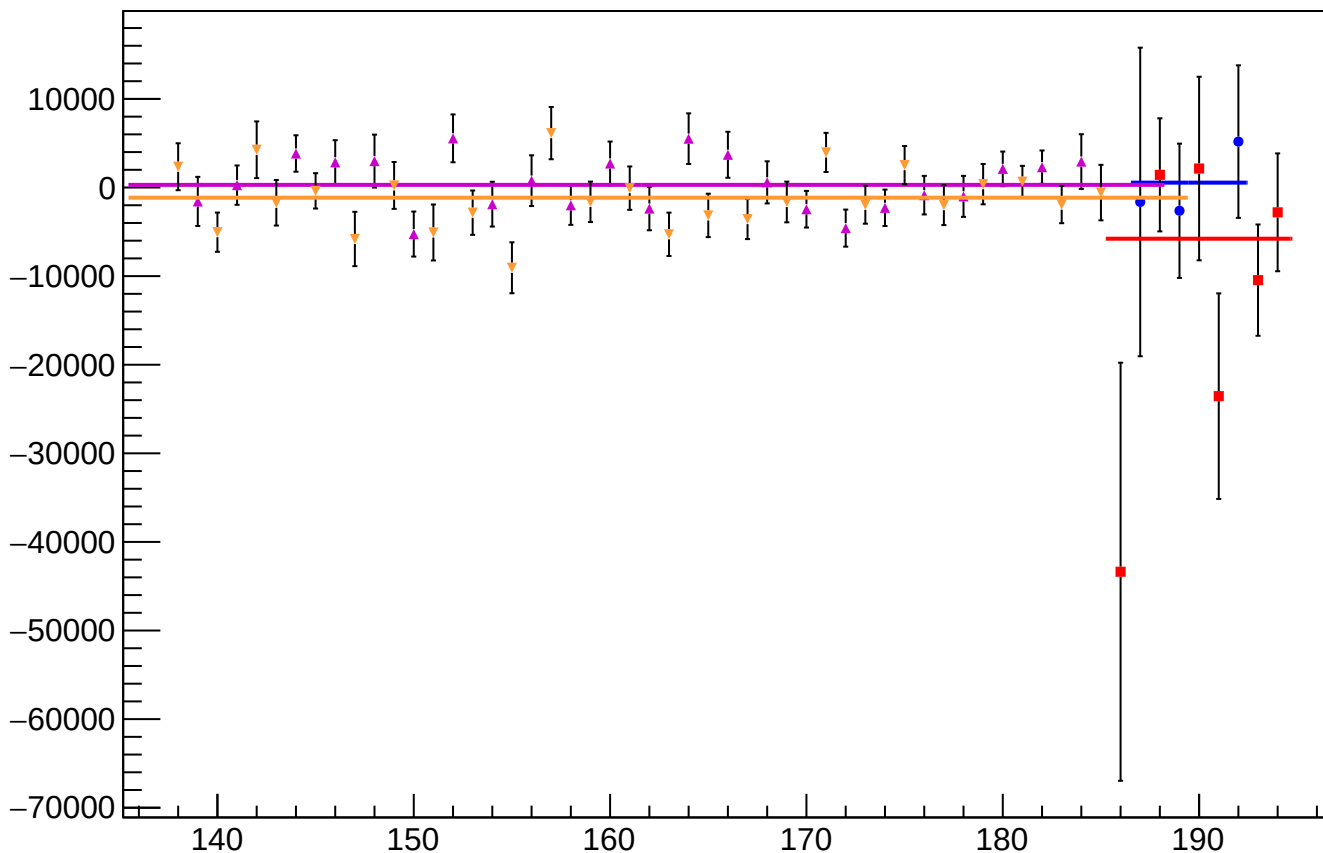
Left In: 302.180 ± 0.051 χ^2/NDF : 247468.9/22

+ sign 314.342 ± 0.044 χ^2/NDF : 1287708.4/44

All: 318.534 ± 0.031 χ^2/NDF : 3154943.8/91

- sign 322.686 ± 0.044 χ^2/NDF : 1849217.6/46

asym_sam2_correction_mean vs Slug



Right In: 552.099 ± 5406.871 $\chi^2/\text{NDF}: 0.5/2$

Left Out: -1146.466 ± 479.950 $\chi^2/\text{NDF}: 41.3/24$

Right Out: -5776.683 ± 3313.442 $\chi^2/\text{NDF}: 7.5/5$

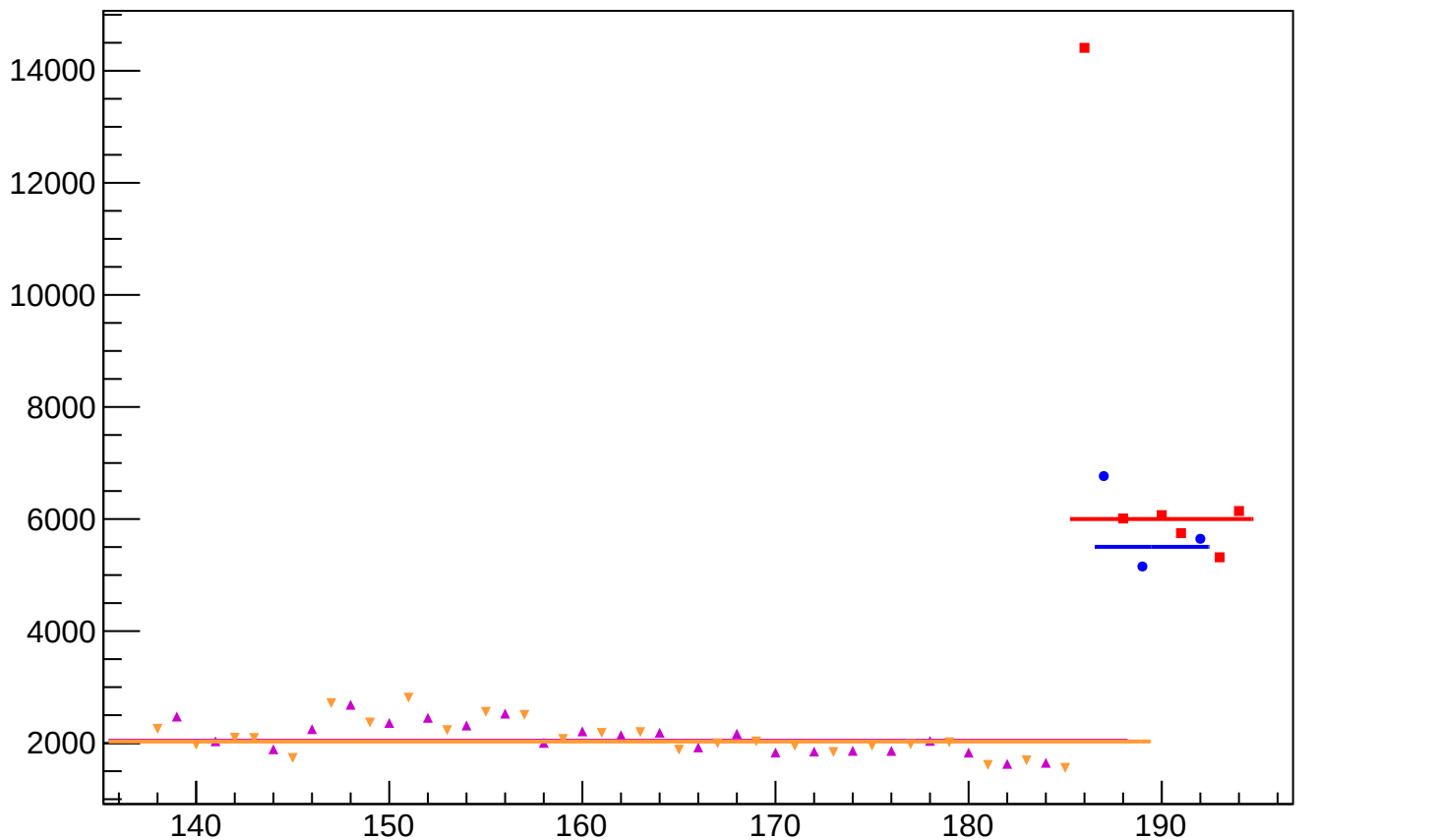
Left In: 298.915 ± 491.476 $\chi^2/\text{NDF}: 35.0/22$

+ sign -1133.187 ± 478.071 $\chi^2/\text{NDF}: 41.9/27$

All: -493.445 ± 340.870 $\chi^2/\text{NDF}: 91.3/56$

- sign 168.123 ± 486.157 $\chi^2/\text{NDF}: 45.8/28$

asym_sam2_correction_rms vs Slug



Right In: 5503.834 $\pm$ 3.823 χ^2/NDF : 15351.5/2

Left Out: 2030.179 $\pm$ 0.339 χ^2/NDF : 702523.9/24

Right Out: 6000.454 $\pm$ 2.343 χ^2/NDF : 279665.6/5

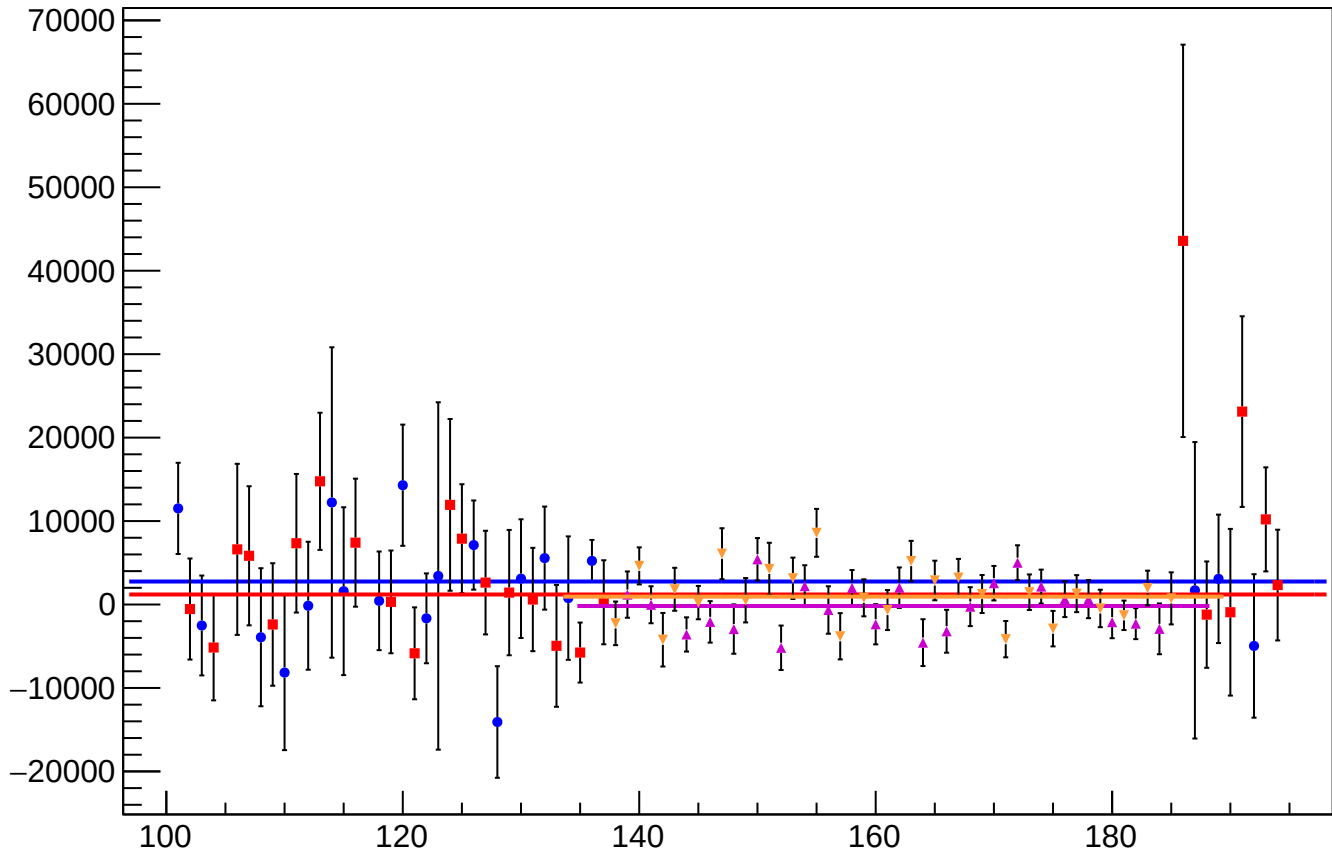
Left In: 2044.056 $\pm$ 0.348 χ^2/NDF : 570535.5/22

+ sign 2057.336 $\pm$ 0.338 χ^2/NDF : 1536910.4/27

All: 2092.679 $\pm$ 0.241 χ^2/NDF : 5199446.9/56

- sign 2129.227 $\pm$ 0.344 χ^2/NDF : 3640302.4/28

asym_sam2_mean vs Slug



Right In: 2756.592 $\pm$ 1392.778 χ^2 /NDF: 18.2/19

Left Out: 942.775 $\pm$ 474.439 χ^2 /NDF: 38.3/24

Right Out: 1201.222 $\pm$ 1372.117 χ^2 /NDF: 23.4/23

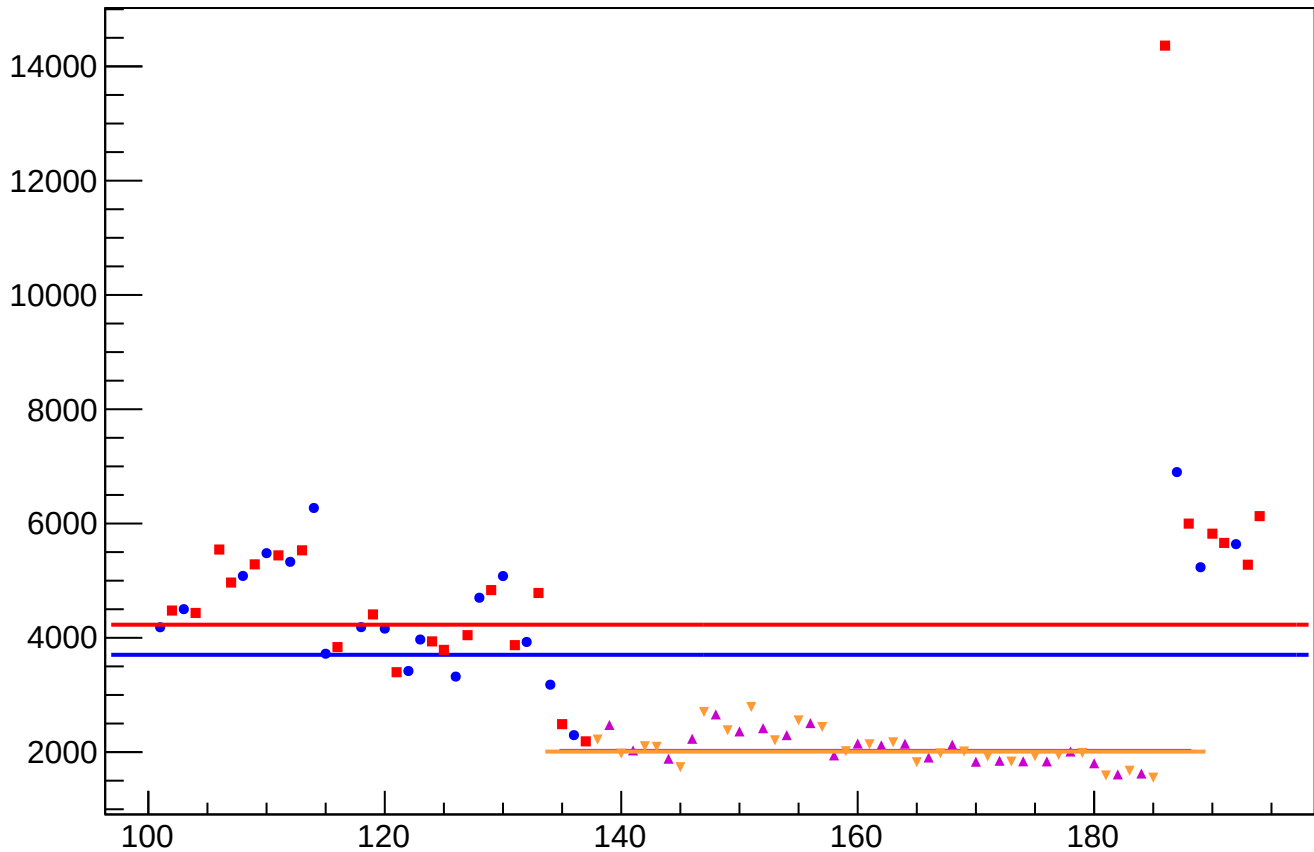
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF: 32.9/22

+ sign 1131.362 $\pm$ 449.098 χ^2 /NDF: 58.0/44

All: 564.274 $\pm$ 320.732 χ^2 /NDF: 118.5/91

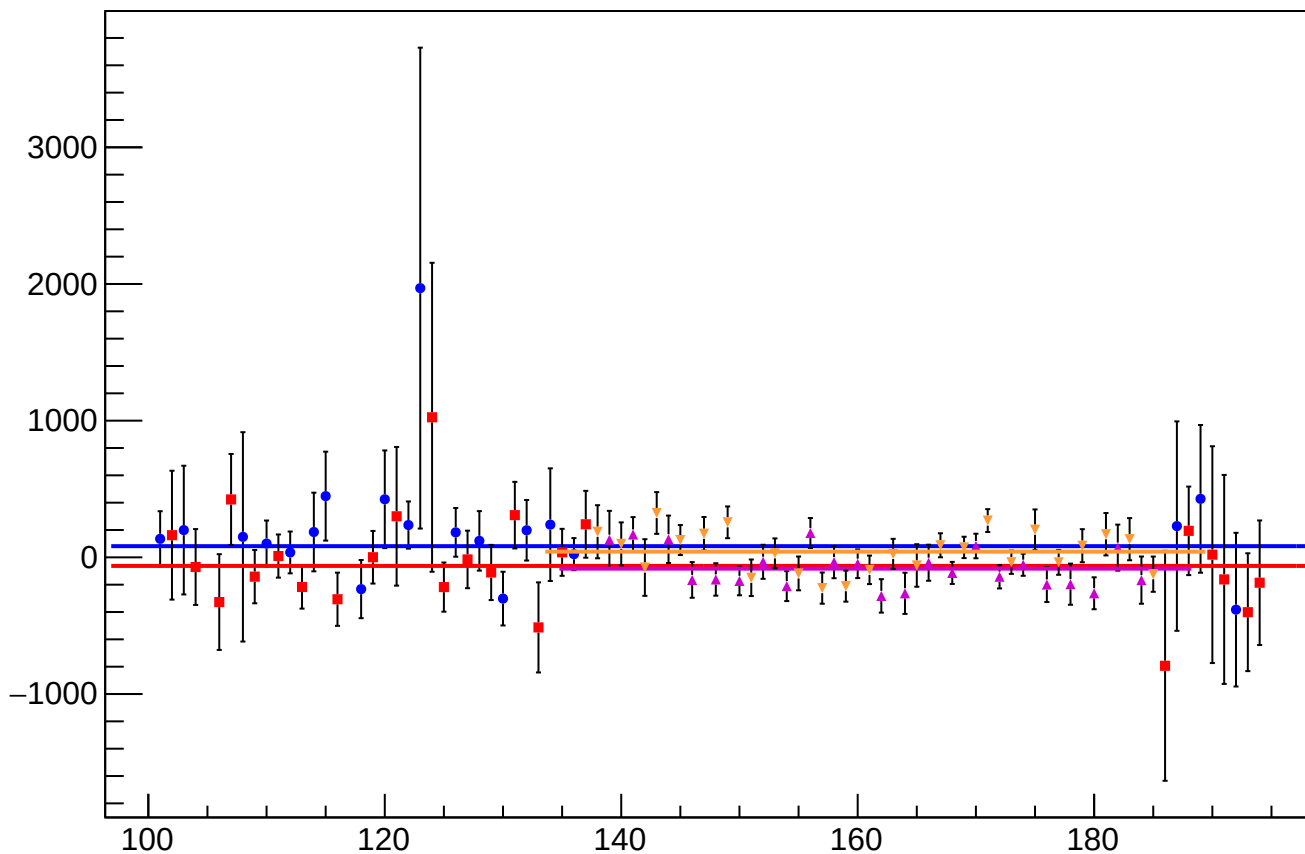
- sign -26.049 $\pm$ 458.206 χ^2 /NDF: 57.2/46

asym_sam2_rms vs Slug



Right In: 3702.565 ± 0.985 $\chi^2/\text{NDF}: 1350419.8/19$ + sign 2184.992 ± 0.318 $\chi^2/\text{NDF}: 4709659.9/44$
 Left Out: 2008.897 ± 0.335 $\chi^2/\text{NDF}: 709254.4/24$ All: 2225.269 ± 0.227 $\chi^2/\text{NDF}: 11833747.6/5$
 Right Out: 4229.601 ± 0.970 $\chi^2/\text{NDF}: 1910458.9/23$ - sign 2267.195 ± 0.324 $\chi^2/\text{NDF}: 7091256.0/46$
 Left In: 2020.887 ± 0.344 $\chi^2/\text{NDF}: 576363.5/22$

dit_asym_sam3_mean vs Slug



Right In: 81.759 $\pm$ 51.337 χ^2 /NDF: 12.7/19

Left Out: 41.847 $\pm$ 23.035 χ^2 /NDF: 39.1/24

Right Out: -62.745 $\pm$ 51.421 χ^2 /NDF: 16.4/23

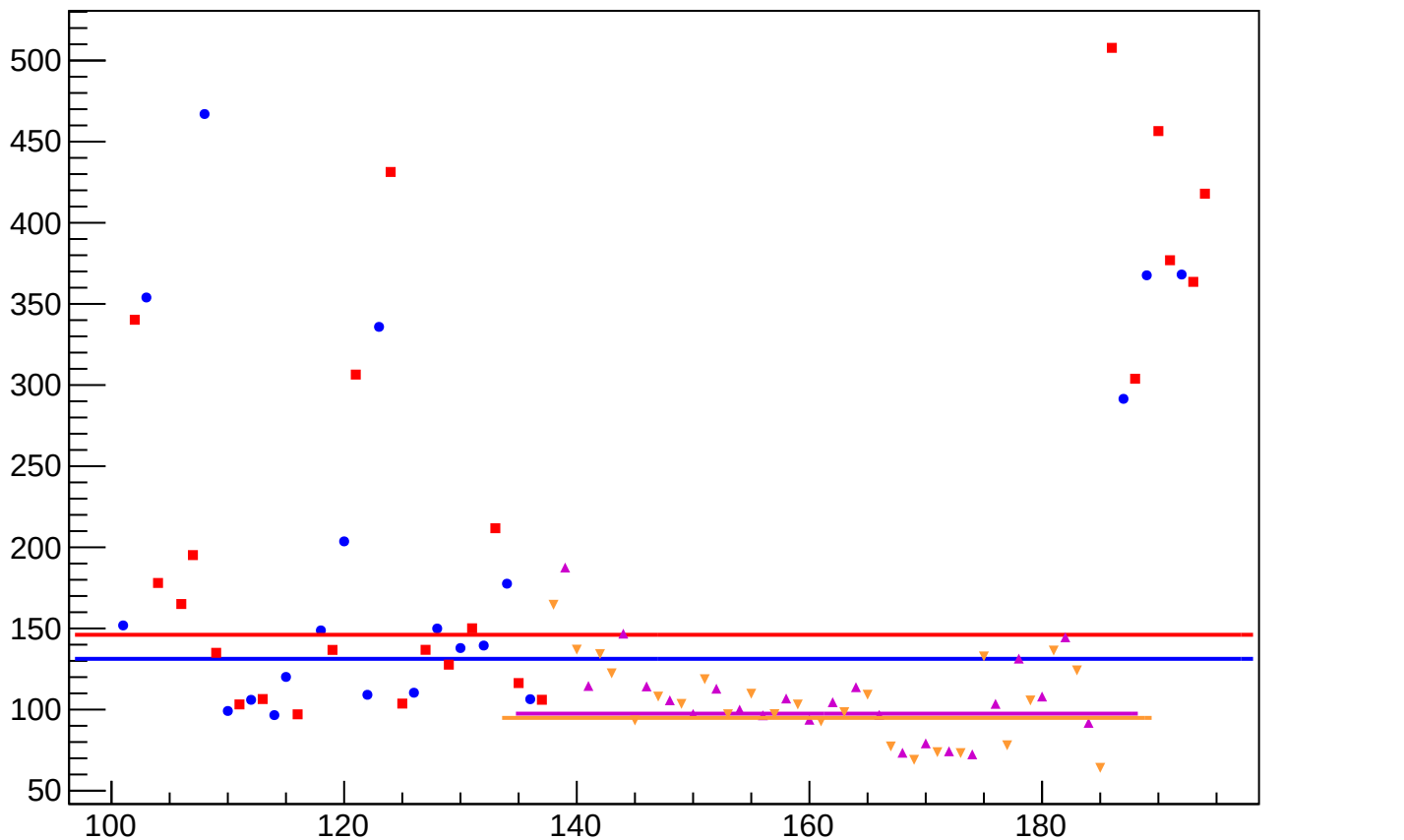
Left In: -82.630 $\pm$ 24.154 χ^2 /NDF: 28.6/22

+ sign 48.536 $\pm$ 21.017 χ^2 /NDF: 52.3/44

All: -12.736 $\pm$ 15.151 χ^2 /NDF: 115.1/91

- sign -79.035 $\pm$ 21.862 χ^2 /NDF: 45.1/46

dit_asym_sam3_rms vs Slug



Right In: 131.274+/-0.036 χ^2/NDF : 2153638.2/19

Left Out: 94.886+/-0.016 χ^2/NDF :1796861.0/24

Right Out: 146.095+/-0.036 χ^2/NDF : 4032537.0/23

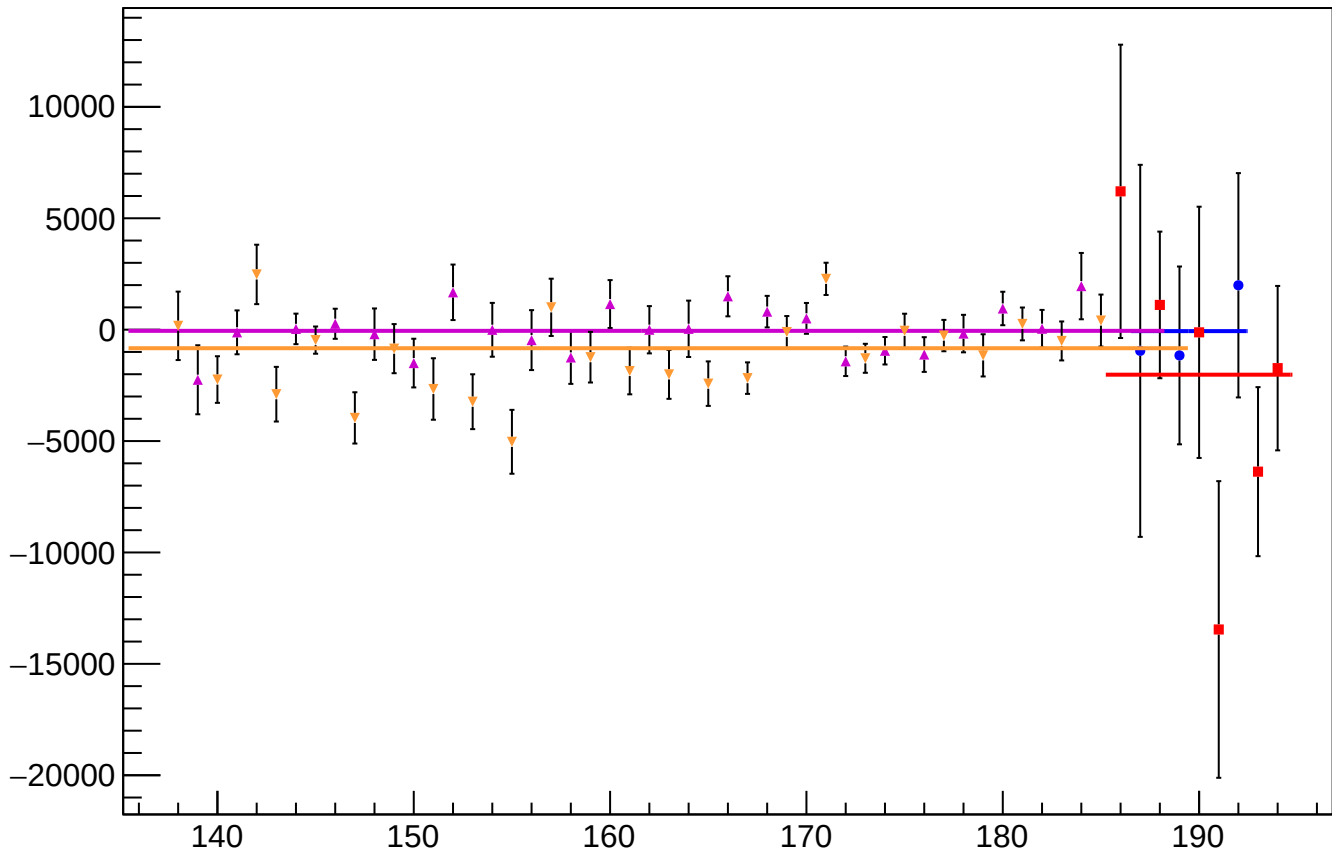
Left In: 97.499+/-0.017 χ^2/NDF :1561333.1/22

+ sign 100.985+/-0.015 χ^2/NDF : 4786906.9/44

All: 103.529+/-0.011 χ^2/NDF : 11905228.5/91

- sign 106.283+/-0.015 χ^2/NDF : 7057281.5/46

asym_sam3_correction_mean vs Slug



Right In: -65.256 ± 2928.561 χ^2/NDF : 0.3/2

Left Out: -832.580 ± 183.960 χ^2/NDF : 68.8/24

Right Out: -2020.674 ± 1789.185 χ^2/NDF : 6.9/5

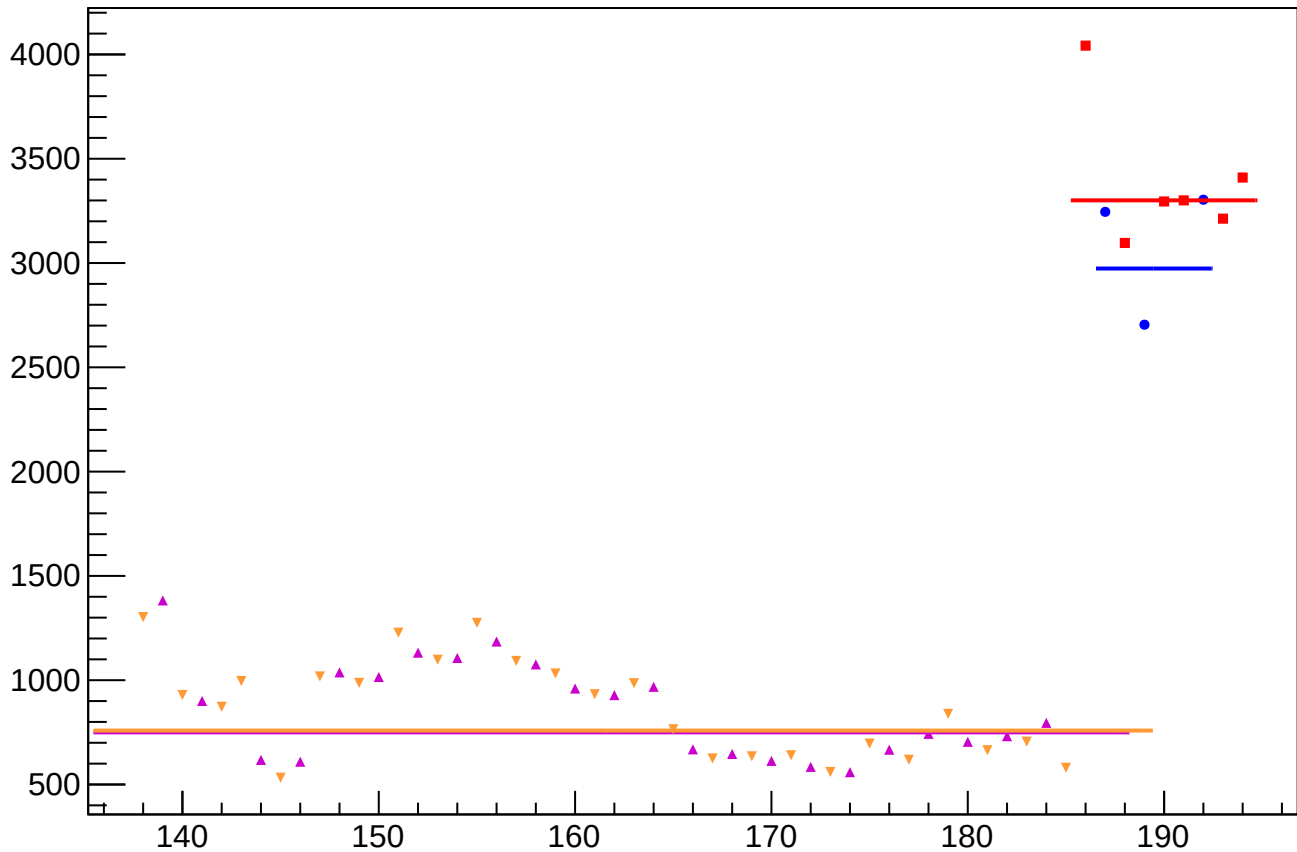
Left In: -53.006 ± 184.870 χ^2/NDF : 25.3/22

+ sign -829.564 ± 183.598 χ^2/NDF : 69.1/27

All: -452.280 ± 129.927 χ^2/NDF : 111.0/56

- sign -73.792 ± 183.891 χ^2/NDF : 33.4/28

asym_sam3_correction_rms vs Slug



Right In: 2973.664+/-2.071 χ^2 /NDF: 19813.0/2

Left Out: 758.608+/-0.130 χ^2 /NDF: 2453711.9/24

Right Out: 3300.575+/-1.265 χ^2 /NDF: 35911.9/5

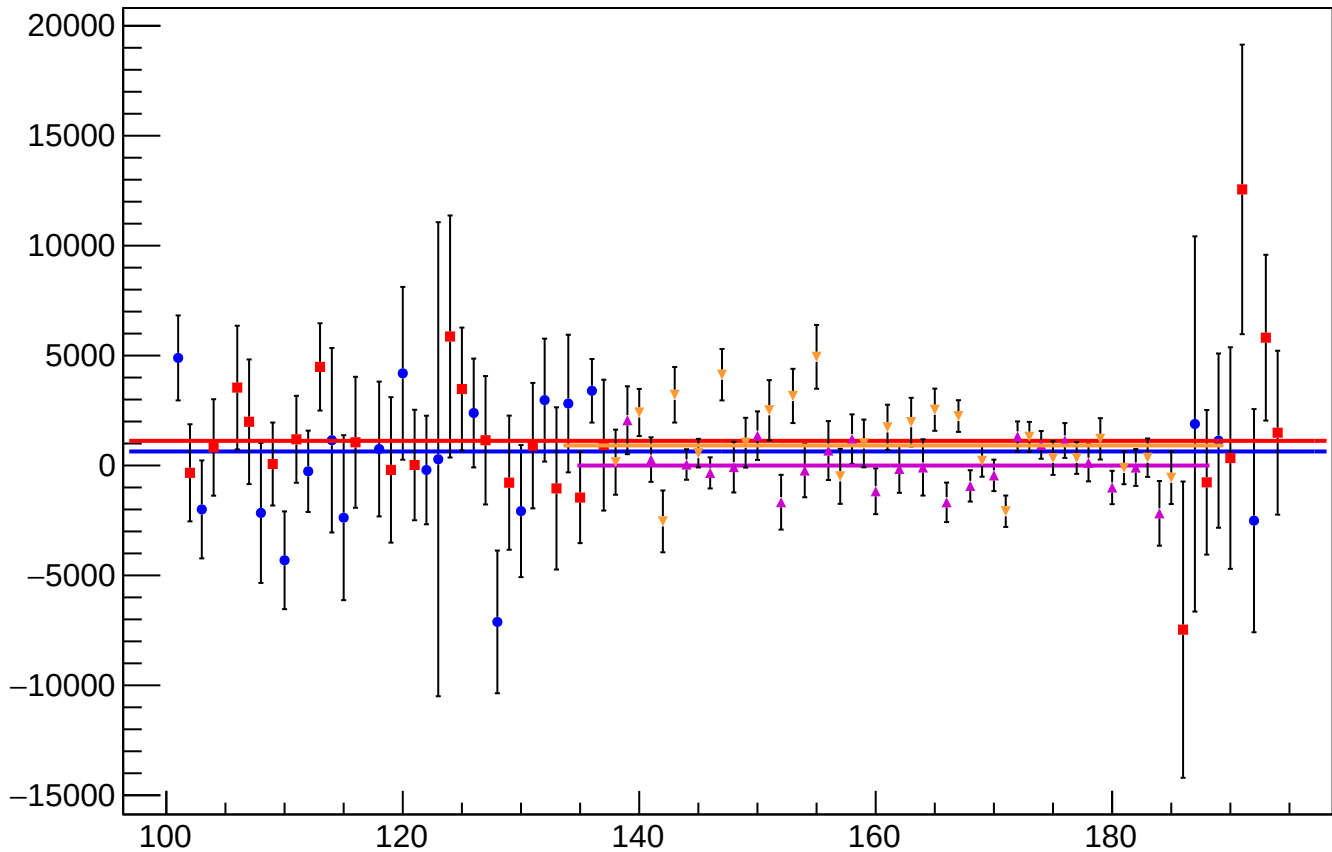
Left In: 749.995+/-0.131 χ^2 /NDF: 2186634.5/22

+ sign 767.313+/-0.130 χ^2 /NDF: 3613199.0/27

All: 772.118+/-0.092 χ^2 /NDF: 9859960.1/56

- sign 776.939+/-0.130 χ^2 /NDF: 6244017.2/28

asym_sam3_mean vs Slug



Right In: 638.259 ± 605.515 χ^2/NDF : 26.1/19

Left Out: 911.919 ± 186.104 χ^2/NDF : 64.9/24

Right Out: 1121.297 ± 571.369 χ^2/NDF : 15.1/23

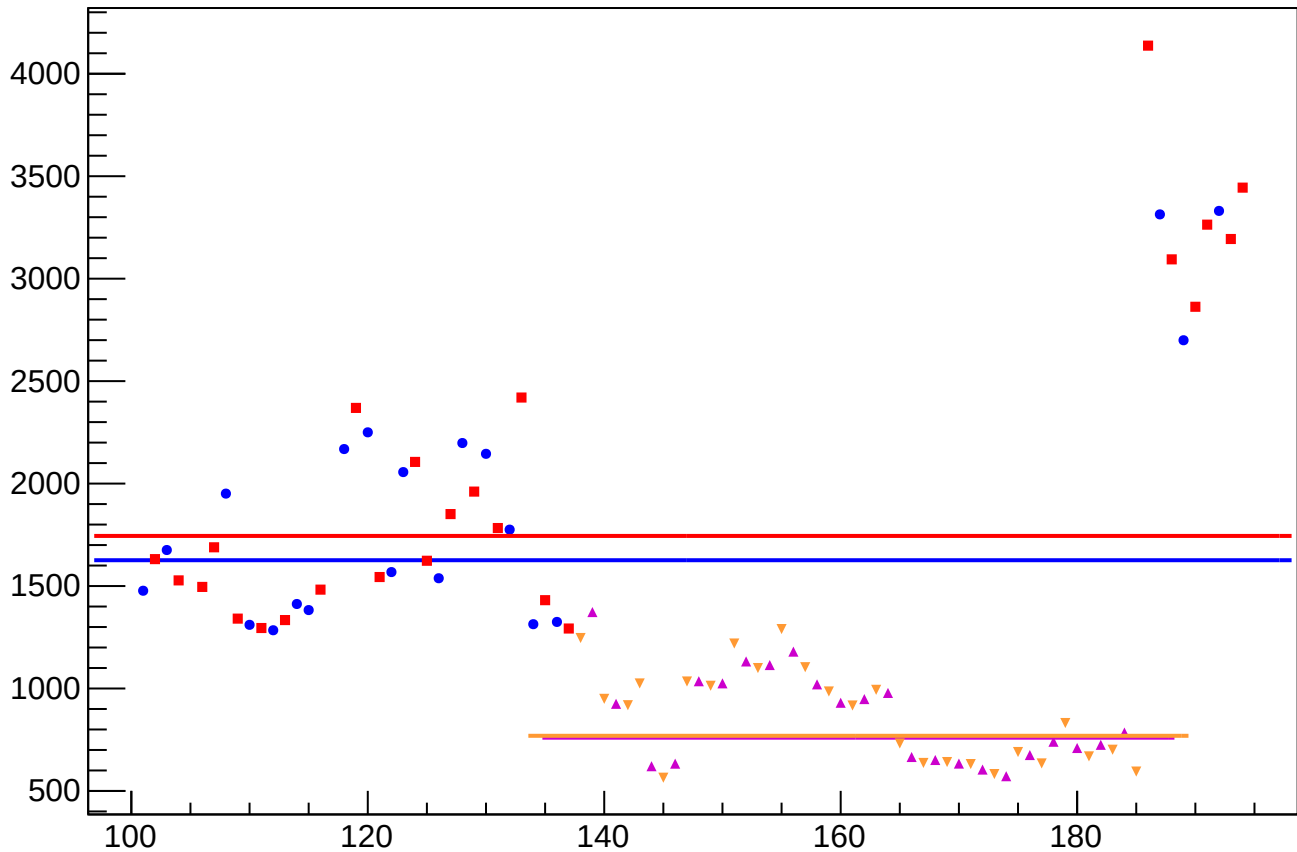
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 888.300 ± 177.892 χ^2/NDF : 91.2/44

All: 497.562 ± 125.811 χ^2/NDF : 145.1/91

- sign 106.541 ± 177.956 χ^2/NDF : 44.2/46

asym_sam3_rms vs Slug



Right In: 1625.999 $\pm$ 0.428 χ^2 /NDF: 960299.7/19

Left Out: 769.207 $\pm$ 0.132 χ^2 /NDF: 2275390.6/24

Right Out: 1744.567 $\pm$ 0.404 χ^2 /NDF: 2110114.7/23

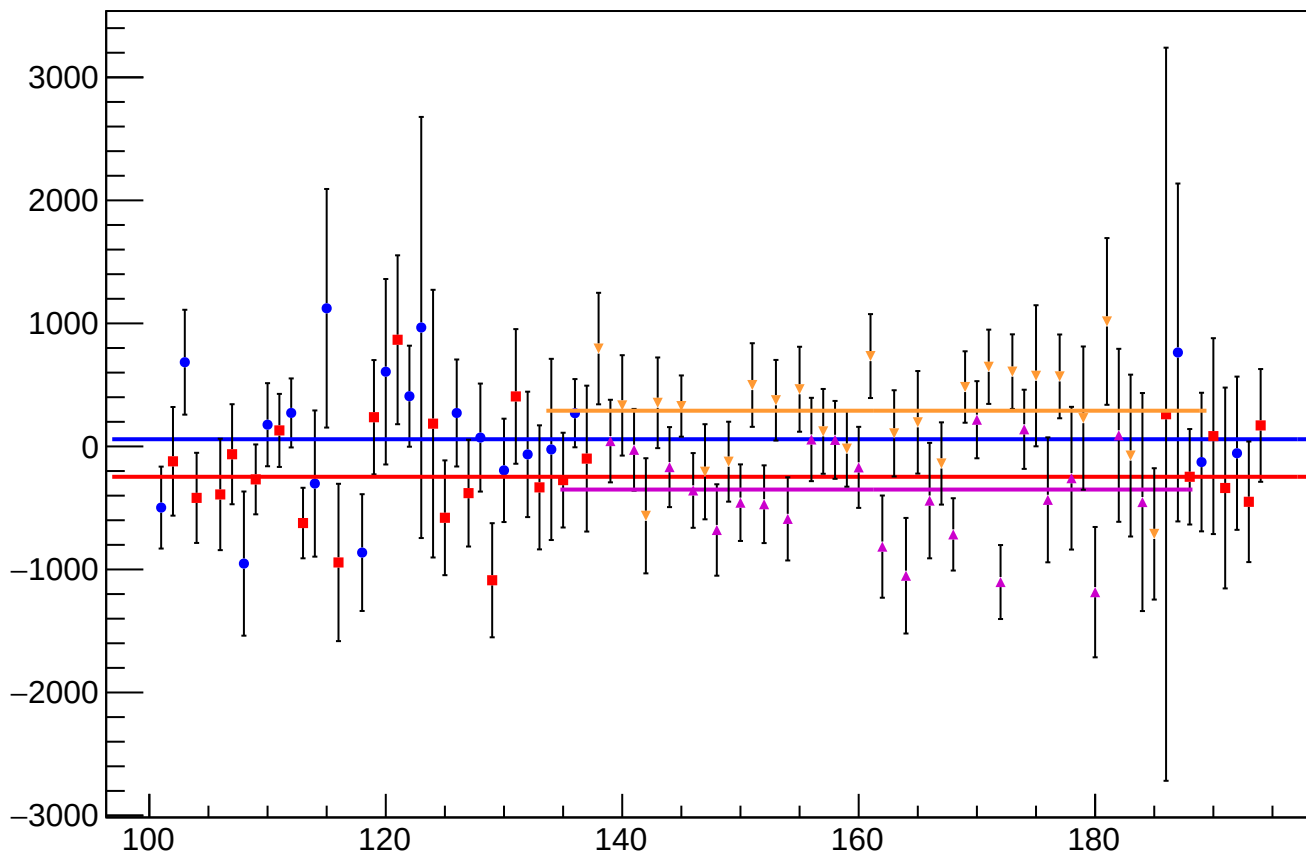
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 843.157 $\pm$ 0.126 χ^2 /NDF: 6894412.1/44

All: 849.301 $\pm$ 0.089 χ^2 /NDF: 16387286.8/90

- sign 855.449 $\pm$ 0.126 χ^2 /NDF: 9488101.7/46

dit_asym_sam4_mean vs Slug



Right In: 58.495 ± 101.858 $\chi^2/\text{NDF}: 17.2/19$

Left Out: 290.293 ± 72.910 $\chi^2/\text{NDF}: 22.3/24$

Right Out: -246.741 ± 91.422 $\chi^2/\text{NDF}: 15.6/23$

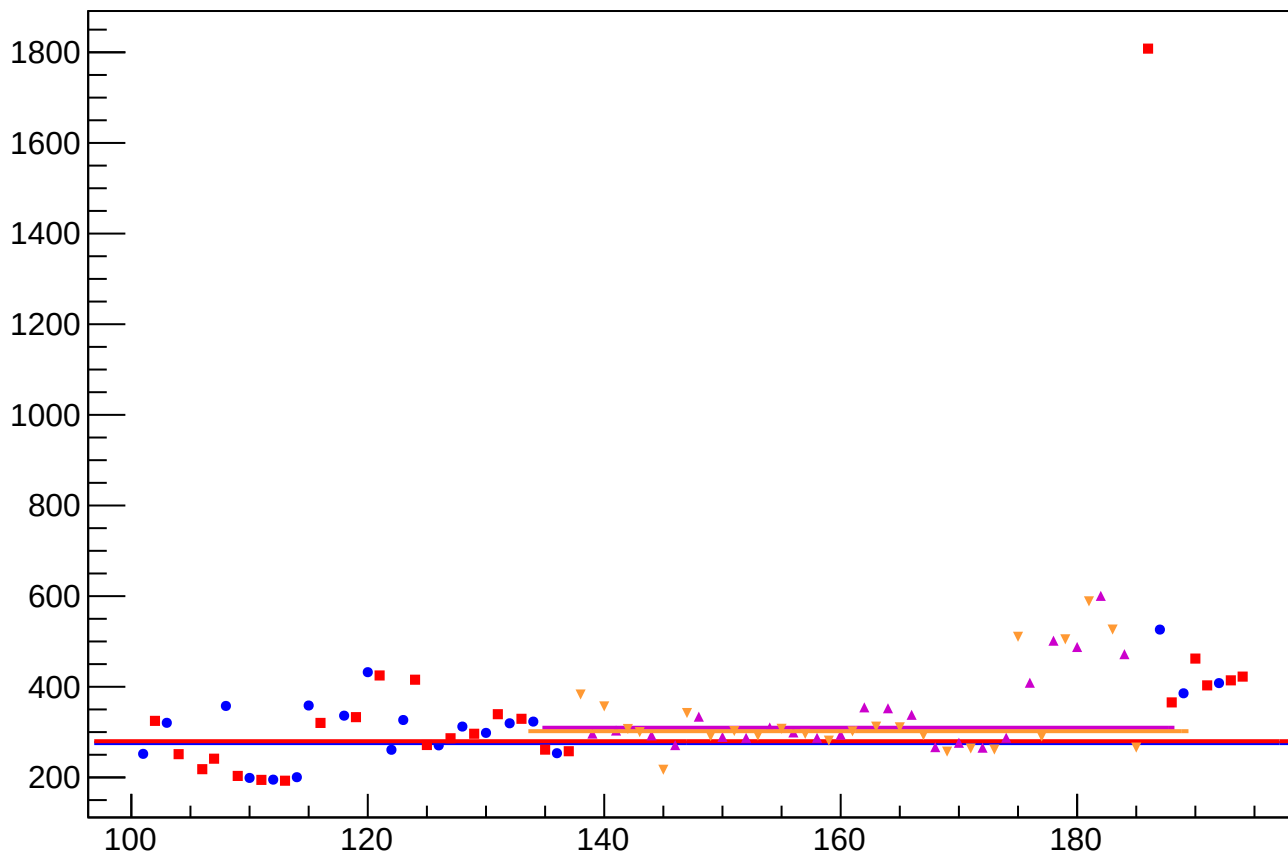
Left In: -350.522 ± 75.911 $\chi^2/\text{NDF}: 27.4/22$

+ sign 211.763 ± 59.287 $\chi^2/\text{NDF}: 42.9/44$

All: -52.110 ± 41.606 $\chi^2/\text{NDF}: 125.7/91$

- sign -308.170 ± 58.402 $\chi^2/\text{NDF}: 43.8/46$

dit_asym_sam4_rms vs Slug



Right In: 275.731+/-0.072 χ^2/NDF : 798796.9/19

Left Out: 302.040+/-0.052 χ^2/NDF :1597233.8/24

Right Out: 279.913+/-0.065 χ^2/NDF : 1909887.7/23

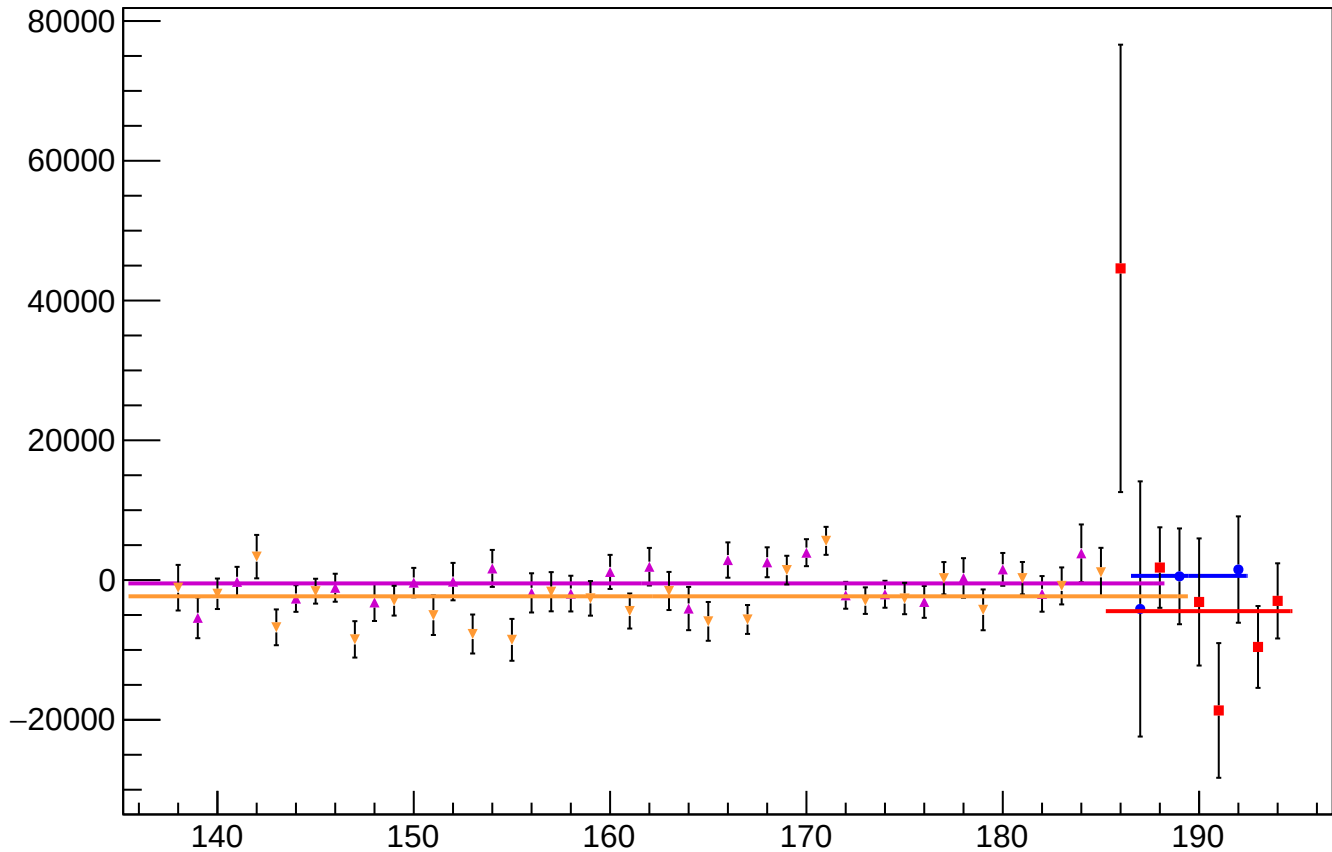
Left In: 309.609+/-0.054 χ^2/NDF :1180280.8/22

+ sign 293.127+/-0.042 χ^2/NDF : 2484261.4/44

All: 295.341+/-0.029 χ^2/NDF : 5704836.1/91

- sign 297.490+/-0.041 χ^2/NDF : 3215076.5/46

asym_sam4_correction_mean vs Slug



Right In: 600.209 ± 4905.858 χ^2/NDF : 0.1/2

Left Out: -2325.488 ± 486.043 χ^2/NDF : 49.8/24

Right Out: -4448.167 ± 2915.117 χ^2/NDF : 6.6/5

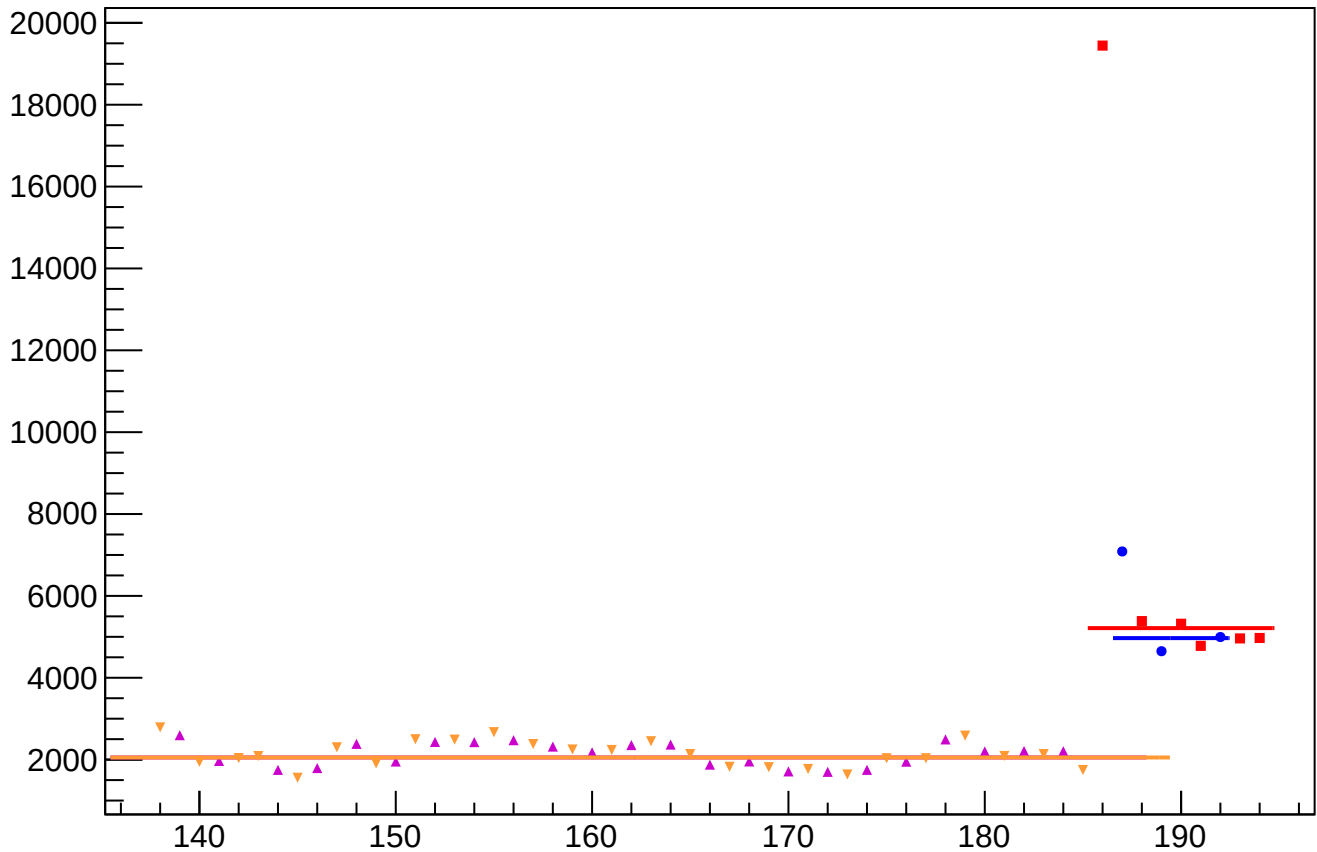
Left In: -477.779 ± 494.228 χ^2/NDF : 23.1/22

+ sign -2297.049 ± 483.675 χ^2/NDF : 50.3/27

All: -1449.215 ± 343.276 χ^2/NDF : 87.9/56

- sign -588.714 ± 487.275 χ^2/NDF : 31.4/28

asym_sam4_correction_rms vs Slug



Right In: 4968.727+/-3.469 χ^2/NDF : 31255.8/2

Left Out: 2052.401+/-0.344 χ^2/NDF : 838023.2/24

Right Out: 5212.867+/-2.061 χ^2/NDF : 409054.9/5

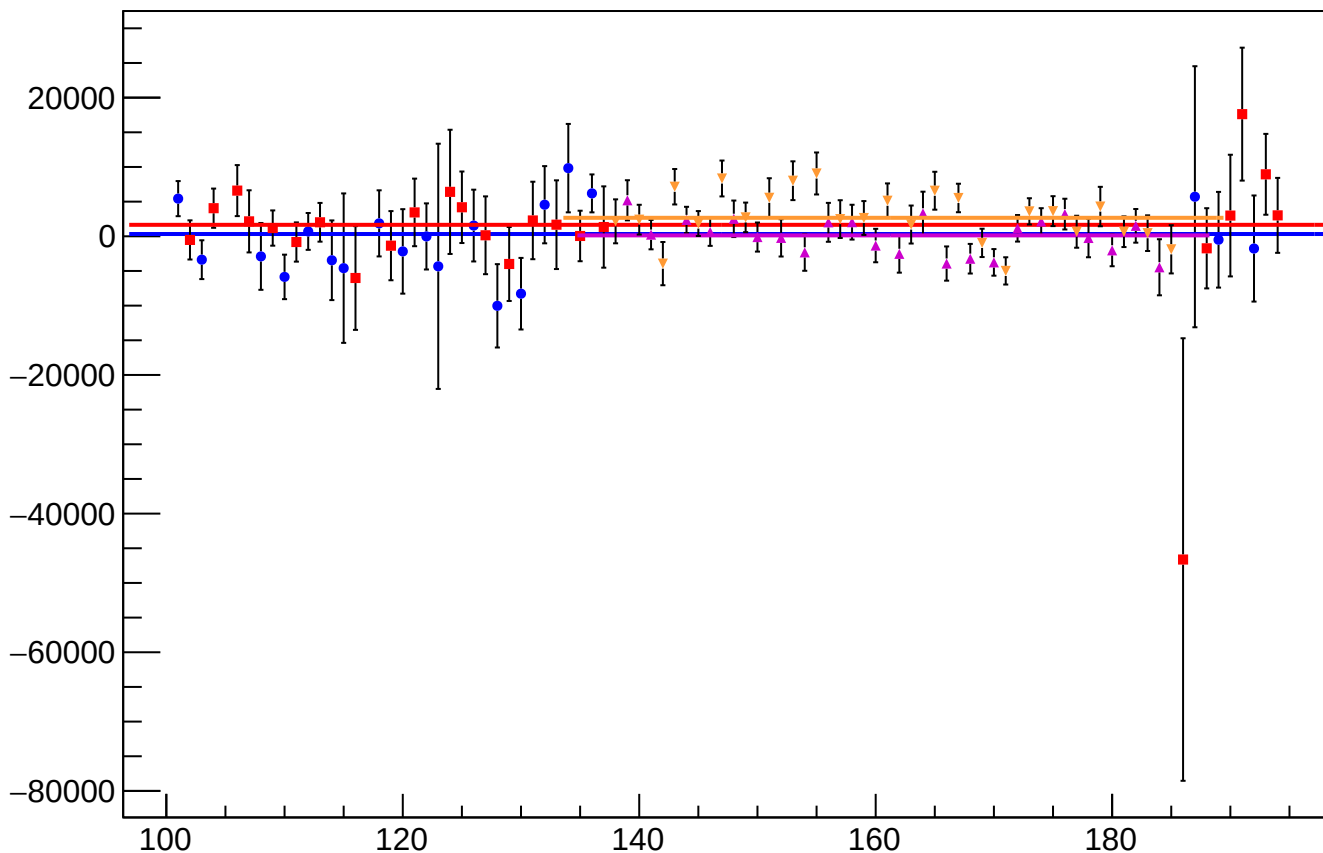
Left In: 2052.384+/-0.349 χ^2/NDF : 653872.2/22

+ sign 2080.748+/-0.342 χ^2/NDF : 1569170.0/27

All: 2110.497+/-0.243 χ^2/NDF : 4932507.6/56

- sign 2140.690+/-0.345 χ^2/NDF : 3348093.0/28

asym_sam4_mean vs Slug



Right In: 329.095 $\pm$ 973.078 χ^2 /NDF: 24.3/19

Left Out: 2667.050 $\pm$ 480.963 χ^2 /NDF: 50.0/24

Right Out: 1654.949 $\pm$ 884.513 χ^2 /NDF: 14.5/23

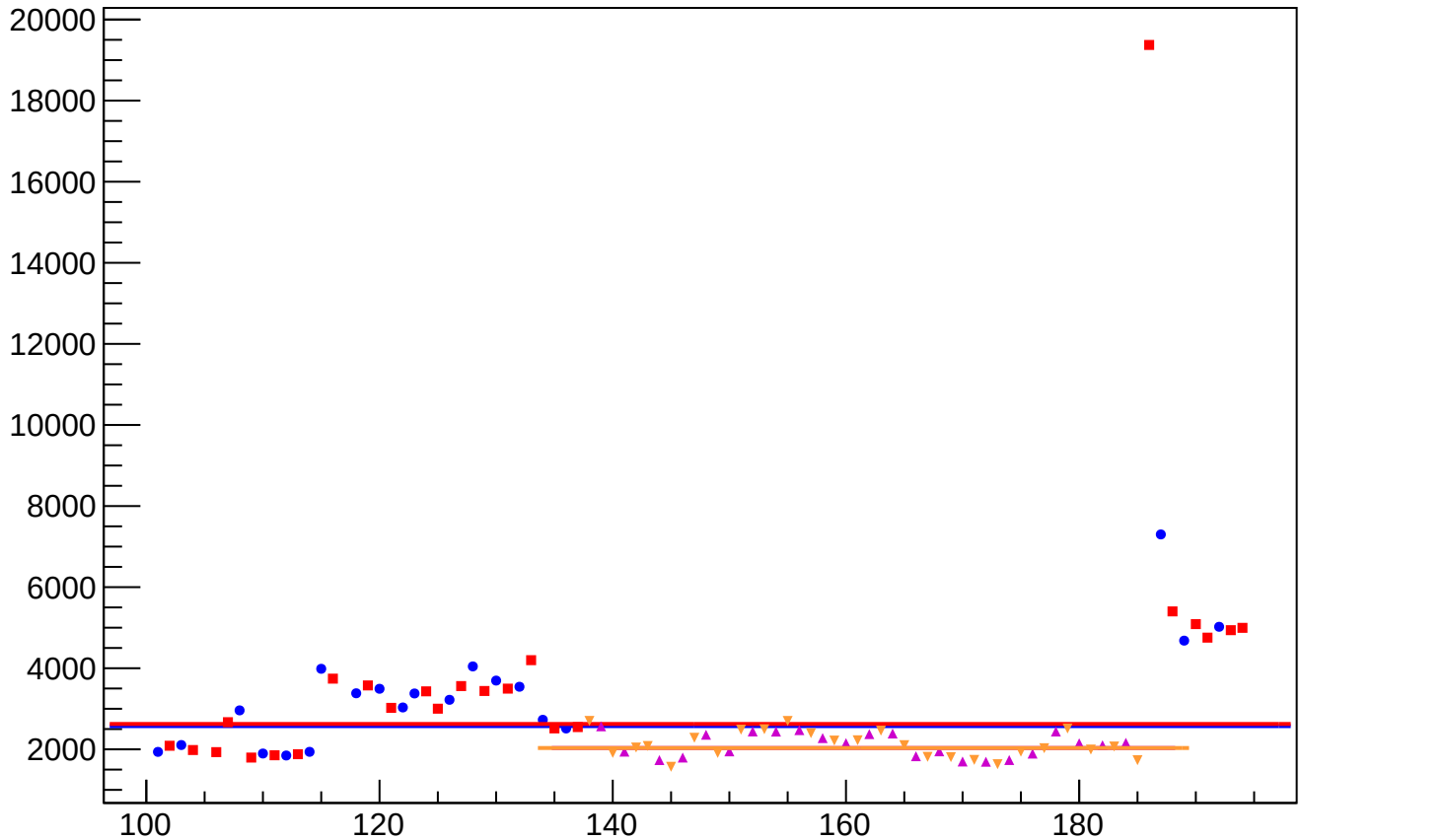
Left In: 132.307 $\pm$ 489.752 χ^2 /NDF: 24.7/22

+ sign 2208.024 $\pm$ 431.170 χ^2 /NDF: 79.0/44

All: 1343.382 $\pm$ 303.920 χ^2 /NDF: 128.4/91

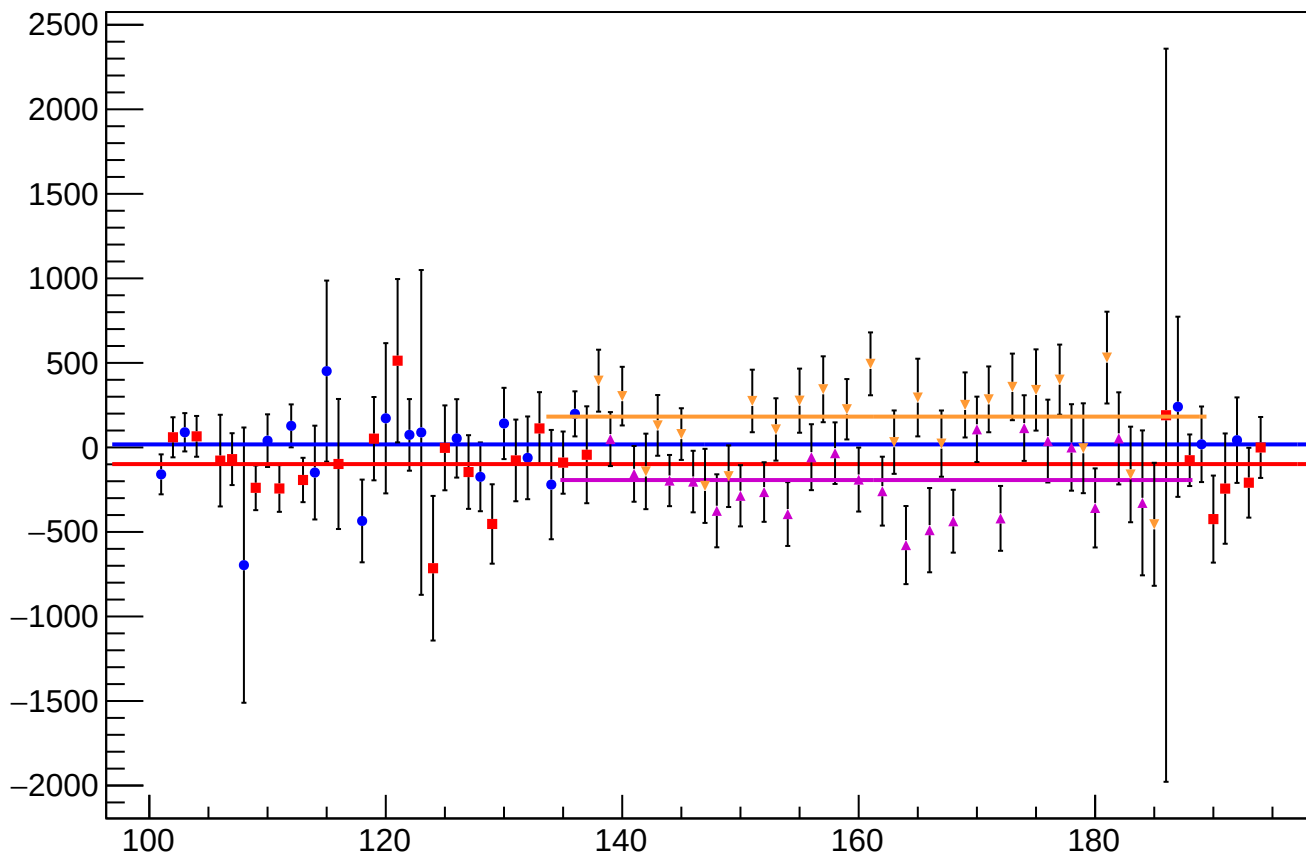
- sign 489.585 $\pm$ 428.458 χ^2 /NDF: 41.5/46

asym_sam4_rms vs Slug



Right In: 2572.330+/-0.688	χ^2/NDF : 1443486.4/19	+ sign 2138.490+/-0.305	χ^2/NDF : 2762578.4/44
Left Out: 2032.502+/-0.340	χ^2/NDF : 824418.6/24	All: 2154.837+/-0.215	χ^2/NDF : 7260770.1/91
Right Out: 2625.303+/-0.625	χ^2/NDF : 3149667.7/23	- sign 2170.979+/-0.303	χ^2/NDF : 4492478.2/46
Left In: 2031.692+/-0.346	χ^2/NDF : 653382.0/22		

dit_asym_sam5_mean vs Slug



Right In: 17.872 ± 44.598 χ^2/NDF : 12.7/19

Left Out: 182.238 ± 40.102 χ^2/NDF : 26.9/24

Right Out: -98.609 ± 39.099 χ^2/NDF : 16.4/23

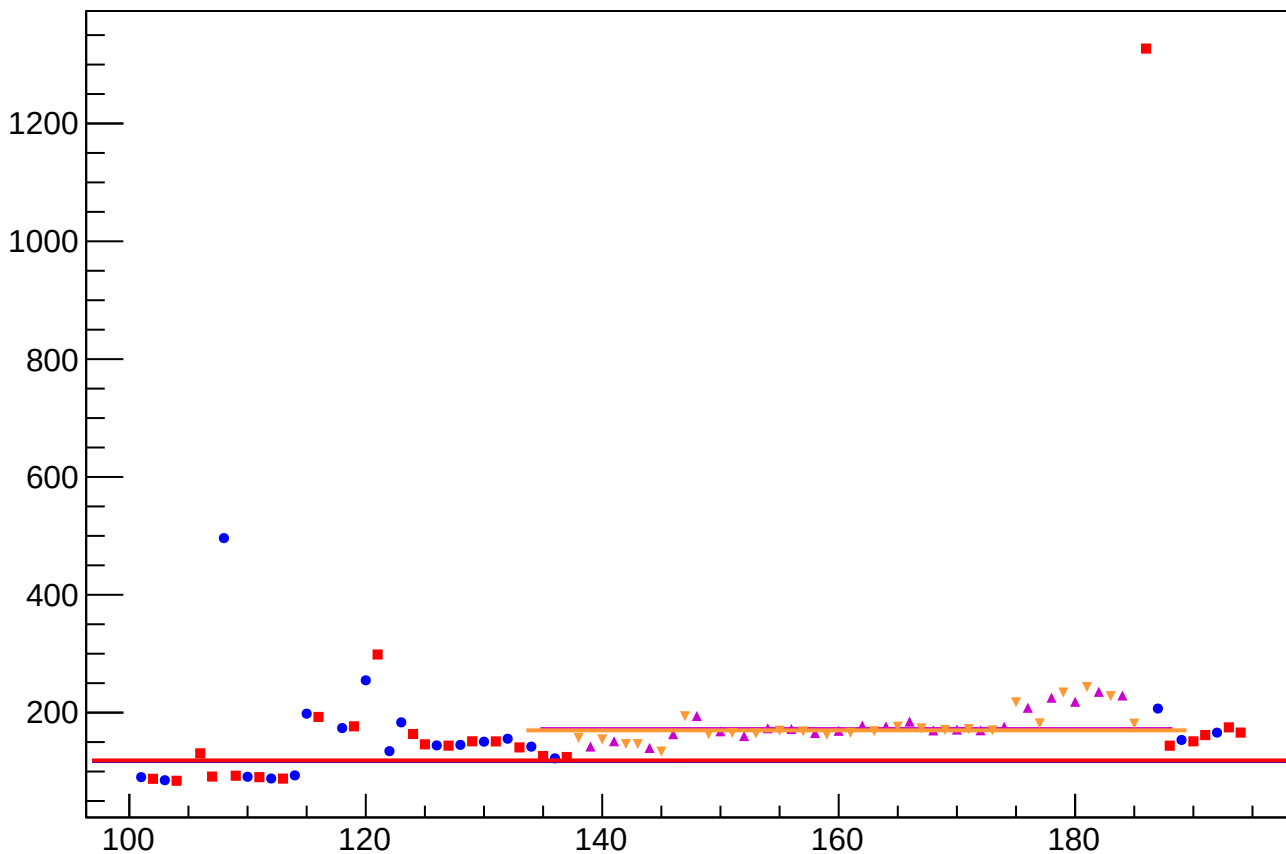
Left In: -193.004 ± 41.384 χ^2/NDF : 21.1/22

+ sign 108.754 ± 29.819 χ^2/NDF : 47.2/44

All: -23.232 ± 20.573 χ^2/NDF : 124.7/91

- sign -143.128 ± 28.421 χ^2/NDF : 40.2/46

dit_asym_sam5_rms vs Slug



Right In: 117.782+/-0.032 χ^2/NDF : 1601643.3/19

Left Out: 169.906+/-0.028 χ^2/NDF :663159.2/24

+ sign 146.603+/-0.021 χ^2/NDF : 3775403.9/44

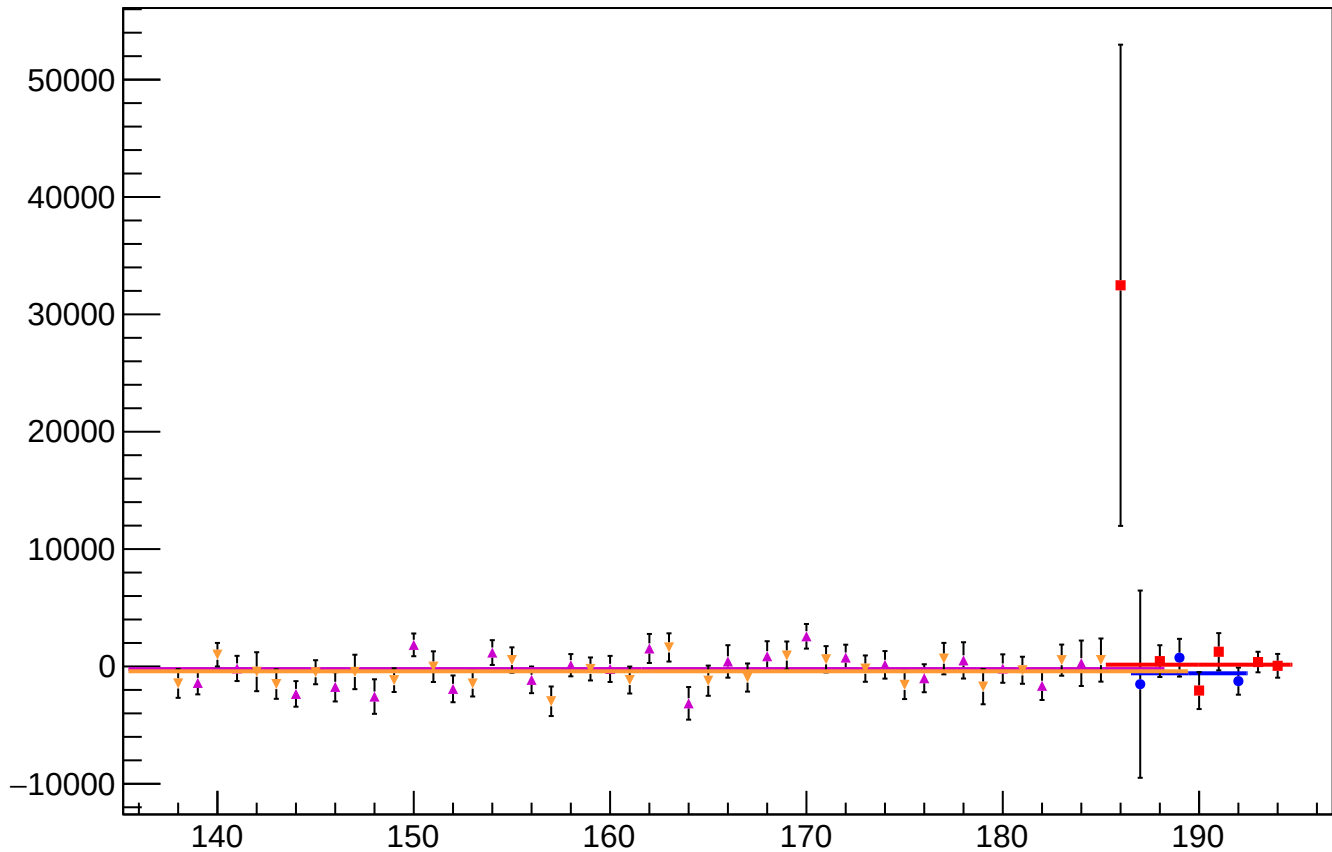
Right Out: 118.827+/-0.028 χ^2/NDF : 2299795.4/23

All: 145.205+/-0.015 χ^2/NDF : 8422110.9/91

- sign 143.936+/-0.020 χ^2/NDF : 4638323.8/46

Left In: 172.065+/-0.029 χ^2 /NDF:589733.9/22

asym_sam5_correction_mean vs Slug



Right In: -583.204 $\pm$ 932.425 χ^2 /NDF: 1.0/2

Left Out: -412.804 $\pm$ 240.278 χ^2 /NDF:19.0/24

Right Out: 149.200 $\pm$ 525.006 χ^2 /NDF: 5.0/5

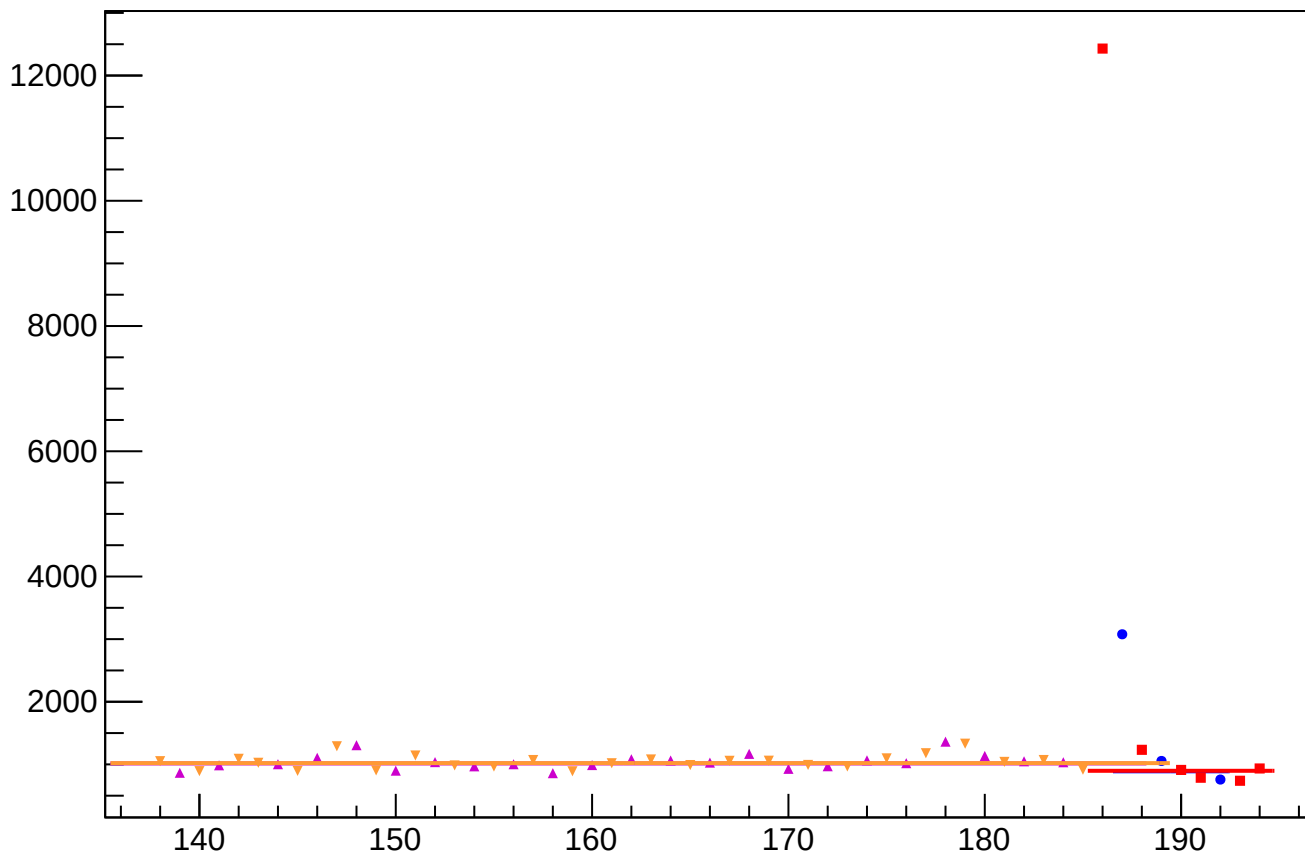
Left In: -223.332 $\pm$ 243.771 χ^2 /NDF:36.0/22

+ sign -423.415 $\pm$ 232.677 χ^2 /NDF: 20.1/27

All: -283.552 $\pm$ 160.278 χ^2 /NDF: 62.3/56

- sign -157.261 $\pm$ 221.100 χ^2 /NDF: 41.5/28

asym_sam5_correction_rms vs Slug



Right In: 889.275+/-0.659 χ^2/NDF : 197533.8/2

Left Out: 1020.149+/-0.170 χ^2/NDF : 369866.7/24

Right Out: 897.588+/-0.371 χ^2/NDF : 834027.2/5

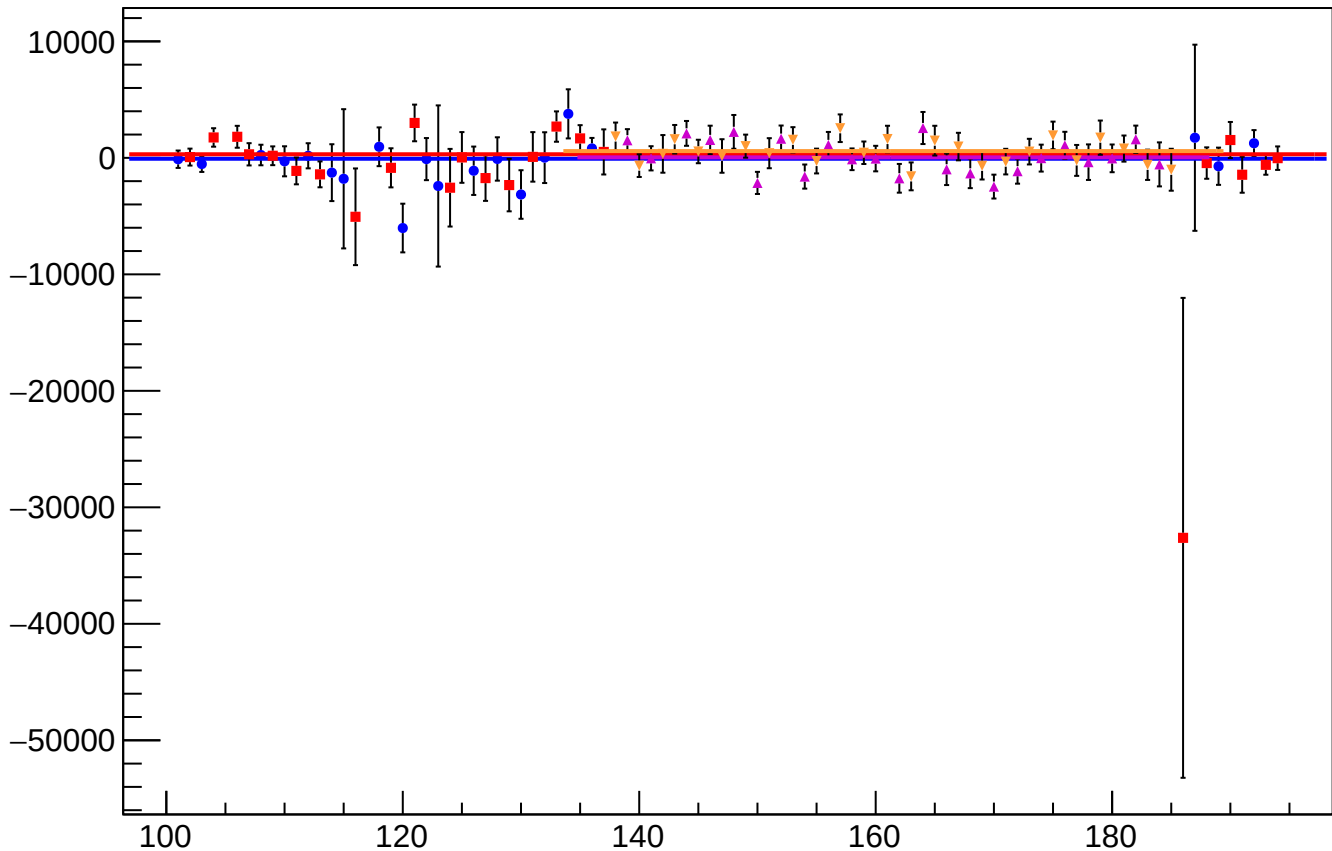
Left In: 1015.000+/-0.172 χ^2/NDF : 404865.5/22

+ sign 1011.999+/-0.165 χ^2/NDF : 604347.9/27

All: 1002.633+/-0.113 χ^2/NDF : 1931694.6/56

- sign 994.176+/-0.156 χ^2/NDF : 1321179.7/28

asym_sam5_mean vs Slug



Right In: -76.477 ± 295.717 χ^2/NDF : 17.9/19

Left Out: 580.226 ± 235.583 χ^2/NDF : 18.4/24

Right Out: 308.739 ± 250.063 χ^2/NDF : 29.1/23

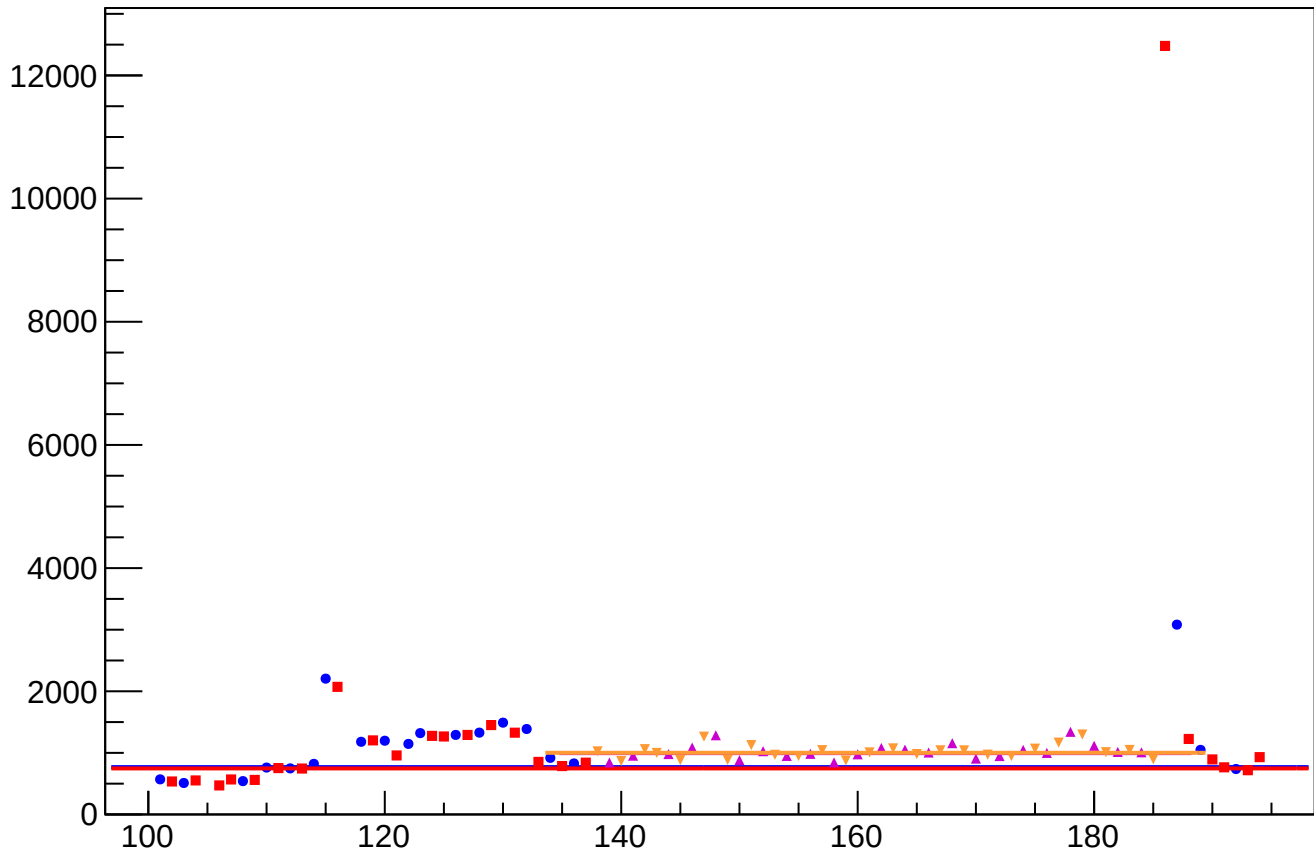
Left In: 42.397 ± 239.278 χ^2/NDF : 37.9/22

+ sign 325.262 ± 184.260 χ^2/NDF : 39.3/44

All: 242.530 ± 126.077 χ^2/NDF : 107.2/91

- sign 169.701 ± 172.882 χ^2/NDF : 67.5/46

asym_sam5_rms vs Slug



Right In: 768.845+/-0.209 χ^2/NDF : 1944602.3/19

Left Out: 1001.233+/-0.167 χ^2/NDF : 370278.3/24

Right Out: 747.520+/-0.177 χ^2/NDF : 2697681.5/23

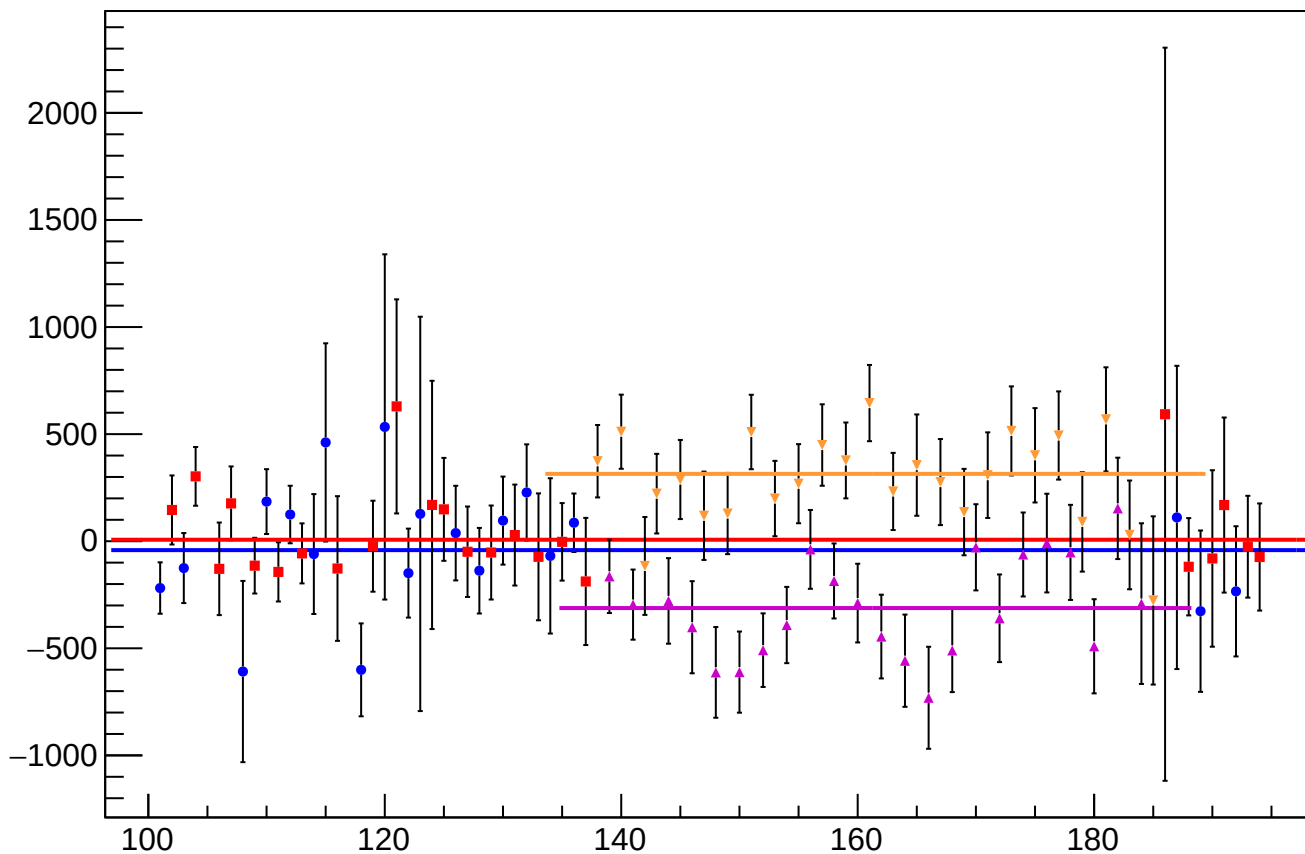
Left In: 995.590+/-0.169 χ^2/NDF : 424434.6/22

+ sign 911.008+/-0.130 χ^2/NDF : 3070458.9/44

All: 892.932+/-0.089 χ^2/NDF : 7256247.4/91

- sign 877.020+/-0.122 χ^2/NDF : 4149596.9/46

dit_asym_sam6_mean vs Slug



Right In: -41.577 ± 47.341 χ^2/NDF : 20.8/19

Left Out: 314.517 ± 39.818 χ^2/NDF : 21.4/24

Right Out: 6.928 ± 42.876 χ^2/NDF : 12.6/23

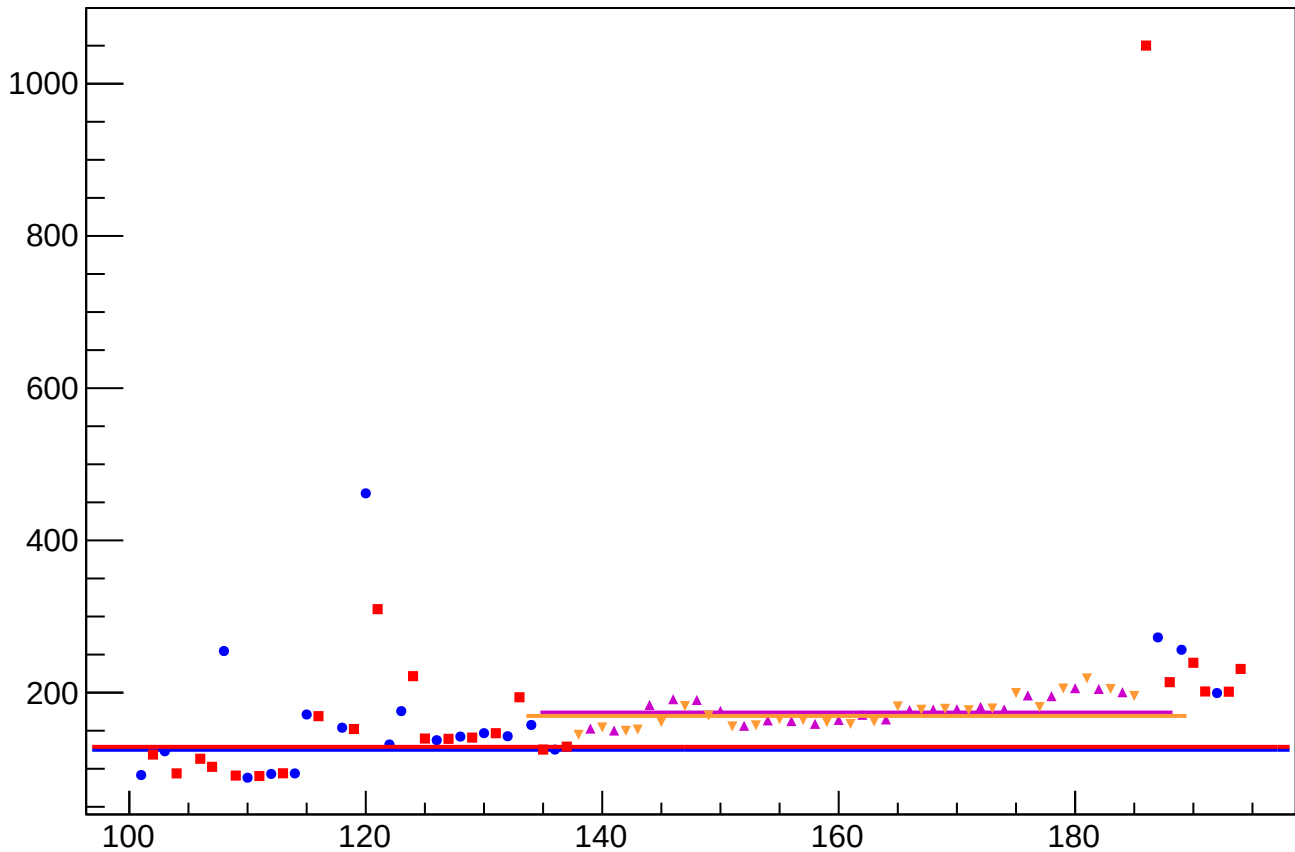
Left In: -312.097 ± 41.646 χ^2/NDF : 26.9/22

+ sign 166.979 ± 30.472 χ^2/NDF : 75.3/44

All: 1.658 ± 21.332 χ^2/NDF : 201.0/91

- sign -157.227 ± 29.873 χ^2/NDF : 68.0/46

dit_asym_sam6_rms vs Slug



Right In: 124.960 $\pm$ 0.033 χ^2 /NDF: 1531823.3/19

Left Out: 169.432 $\pm$ 0.028 χ^2 /NDF: 386461.5/24

Right Out: 128.793 $\pm$ 0.030 χ^2 /NDF: 2716581.6/23

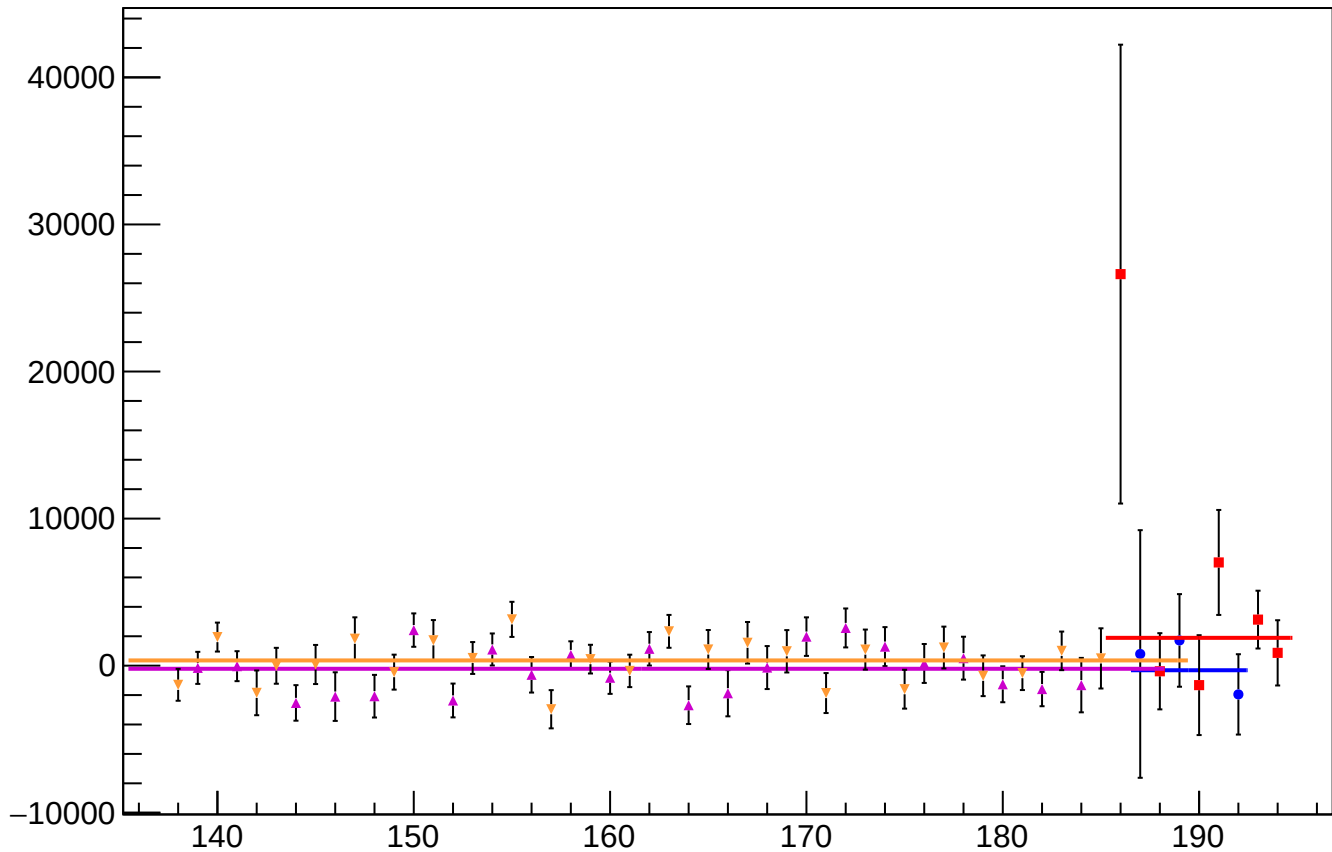
Left In: 173.847 $\pm$ 0.029 χ^2 /NDF: 291729.8/22

+ sign 151.006 $\pm$ 0.022 χ^2 /NDF: 2951965.9/44

All: 151.500 $\pm$ 0.015 χ^2 /NDF: 7097614.6/91

- sign 151.975 $\pm$ 0.021 χ^2 /NDF: 4144616.0/46

asym_sam6_correction_mean vs Slug



Right In: -311.228 ± 2004.027 χ^2/NDF : 0.8/2

Left Out: 356.612 ± 250.934 χ^2/NDF : 33.4/24

Right Out: 1891.831 ± 1131.867 χ^2/NDF : 6.9/5

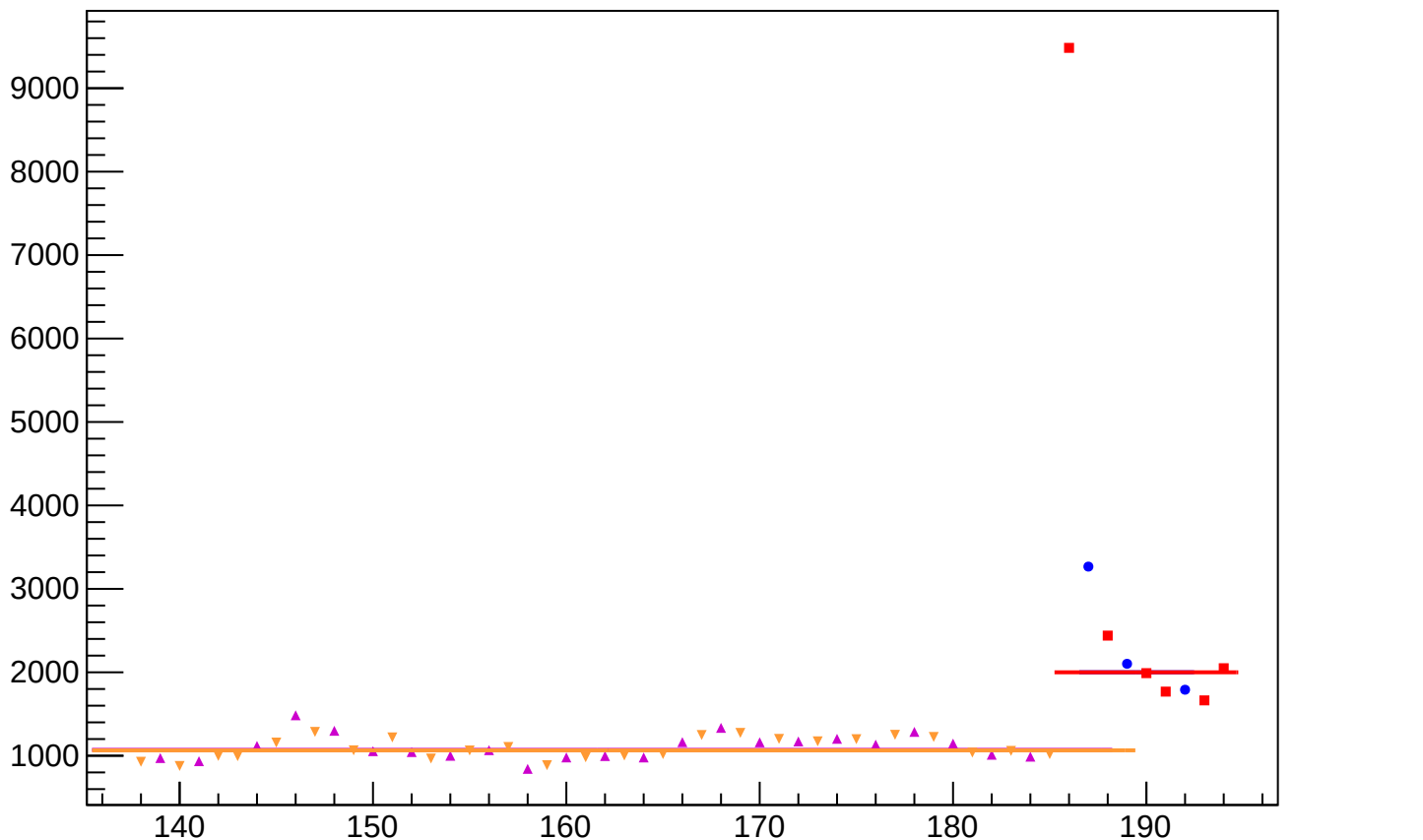
Left In: -212.007 ± 257.383 χ^2/NDF : 36.0/22

+ sign 346.302 ± 248.990 χ^2/NDF : 34.3/27

All: 120.675 ± 176.761 χ^2/NDF : 82.1/56

- sign -108.567 ± 250.976 χ^2/NDF : 46.2/28

asym_sam6_correction_rms vs Slug



Right In: 2000.629 ± 1.417 $\chi^2/\text{NDF}: 59060.8/2$

Left Out: 1064.868 ± 0.177 $\chi^2/\text{NDF}: 493614.2/24$

Right Out: 2000.026 ± 0.800 $\chi^2/\text{NDF}: 585927.5/5$

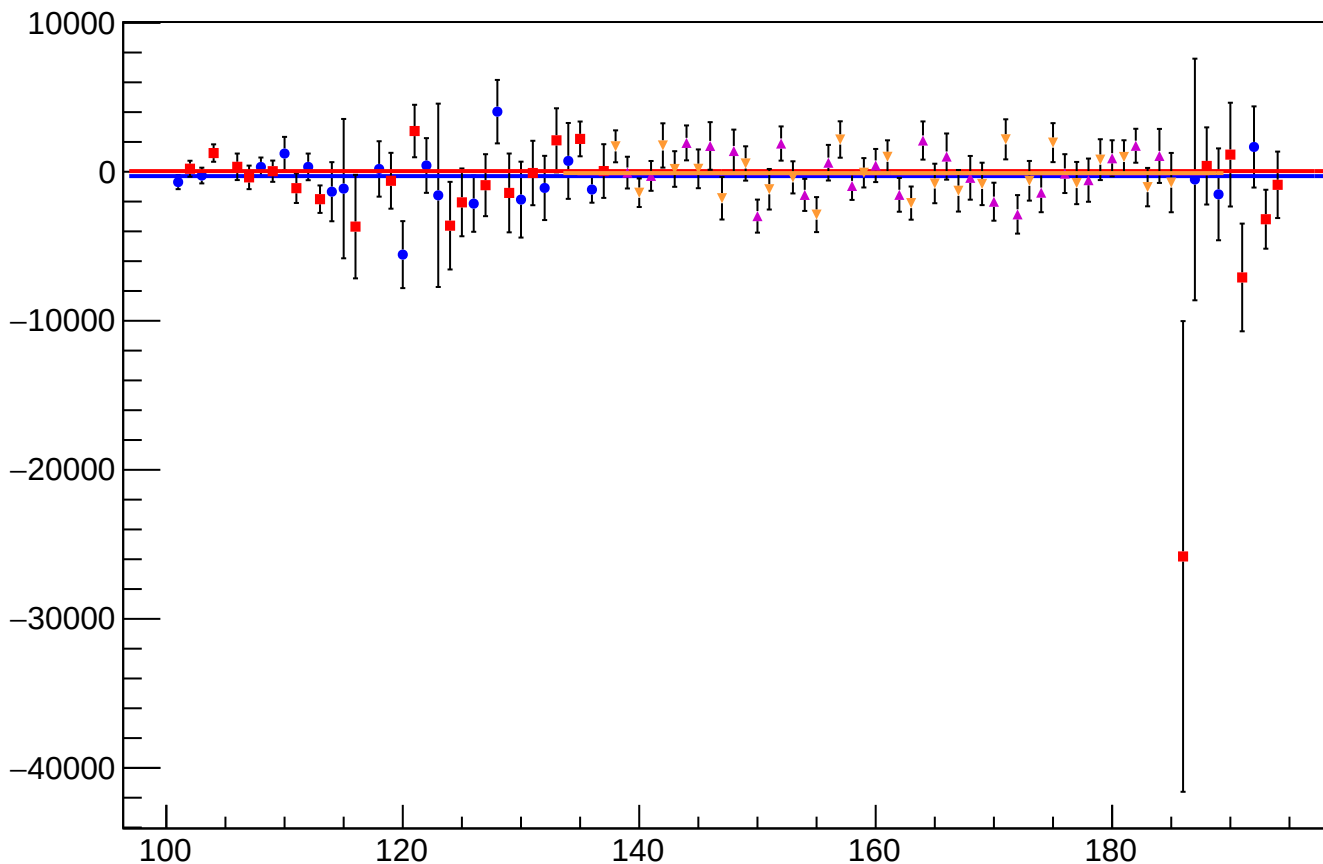
Left In: 1070.694 ± 0.182 $\chi^2/\text{NDF}: 570407.8/22$

+ sign 1079.314 ± 0.176 $\chi^2/\text{NDF}: 982009.8/27$

All: 1097.703 ± 0.125 $\chi^2/\text{NDF}: 3442329.8/56$

- sign 1116.386 ± 0.177 $\chi^2/\text{NDF}: 2438327.4/28$

asym_sam6_mean vs Slug



Right In: -292.770 ± 248.070 $\chi^2/\text{NDF}: 17.5/19$

Left Out: -89.632 ± 247.271 $\chi^2/\text{NDF}: 31.0/24$

Right Out: 43.871 ± 242.066 $\chi^2/\text{NDF}: 30.7/23$

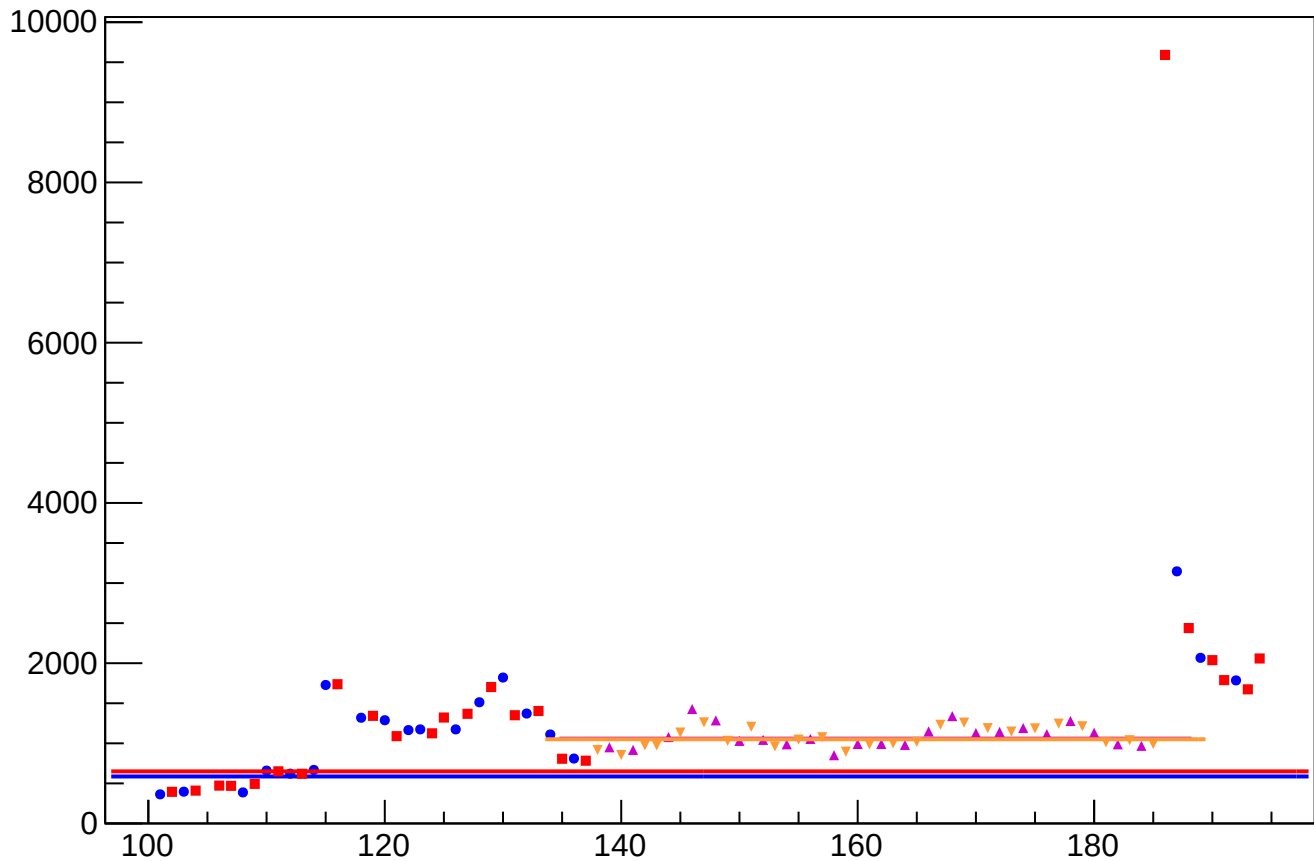
Left In: -110.879 ± 254.337 $\chi^2/\text{NDF}: 35.2/22$

+ sign -190.873 ± 175.129 $\chi^2/\text{NDF}: 48.8/44$

All: -110.376 ± 123.911 $\chi^2/\text{NDF}: 115.3/91$

- sign -29.681 ± 175.344 $\chi^2/\text{NDF}: 66.0/46$

asym_sam6_rms vs Slug



Right In: 586.294+/-0.175 χ^2/NDF : 4326275.6/19

Left Out: 1050.918+/-0.175 χ^2/NDF : 483477.5/24

Right Out: 649.943+/-0.171 χ^2/NDF : 6403264.4/23

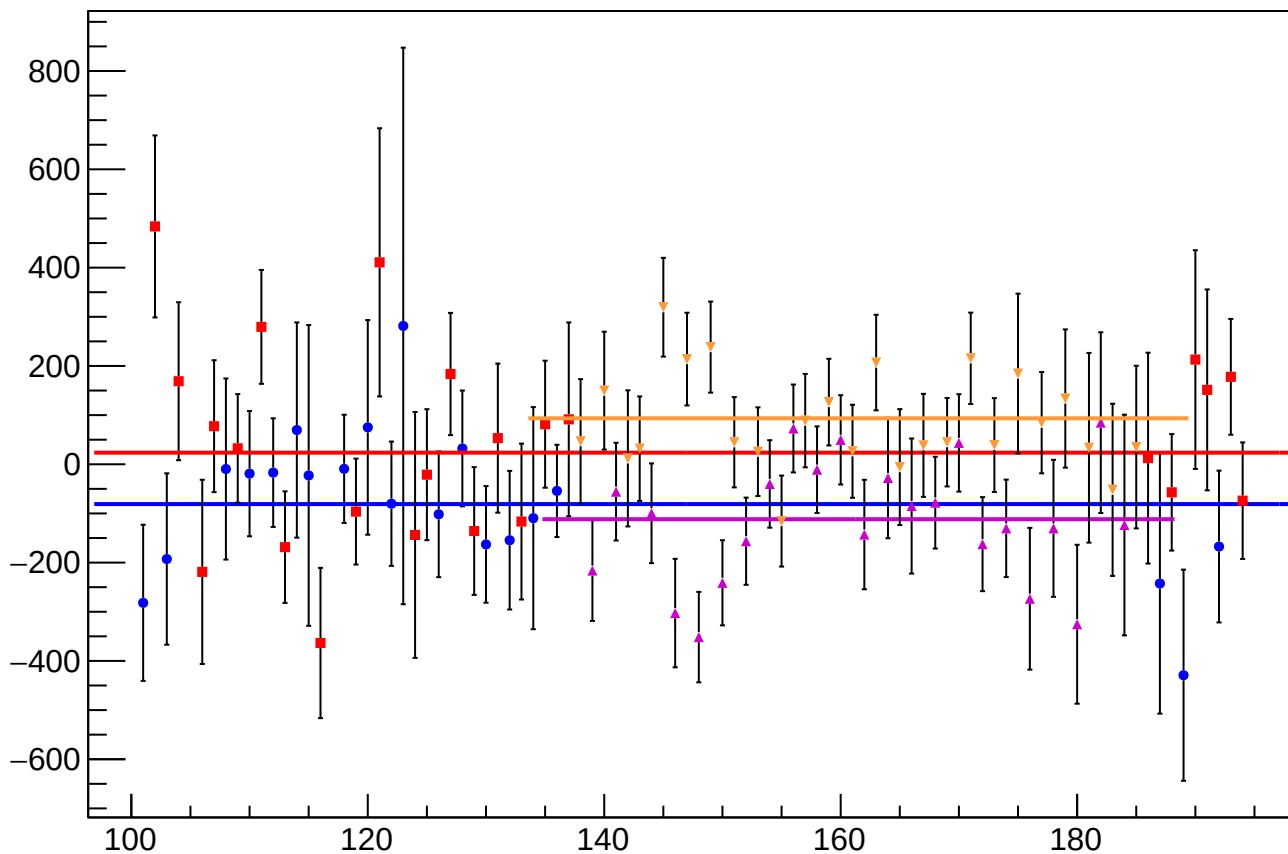
Left In: 1058.154+/-0.180 χ^2/NDF : 532260.0/22

+ sign 819.356+/-0.124 χ^2/NDF : 8329037.7/44

All: 831.644+/-0.088 χ^2/NDF : 17987586.4/93

- sign 843.963+/-0.124 χ^2/NDF : 9638830.3/46

dit_asym_sam7_mean vs Slug



Right In: -80.956 ± 33.117 χ^2/NDF : 9.7/19

Left Out: 93.496 ± 21.284 χ^2/NDF : 22.8/24

Right Out: 23.648 ± 29.184 χ^2/NDF : 35.1/23

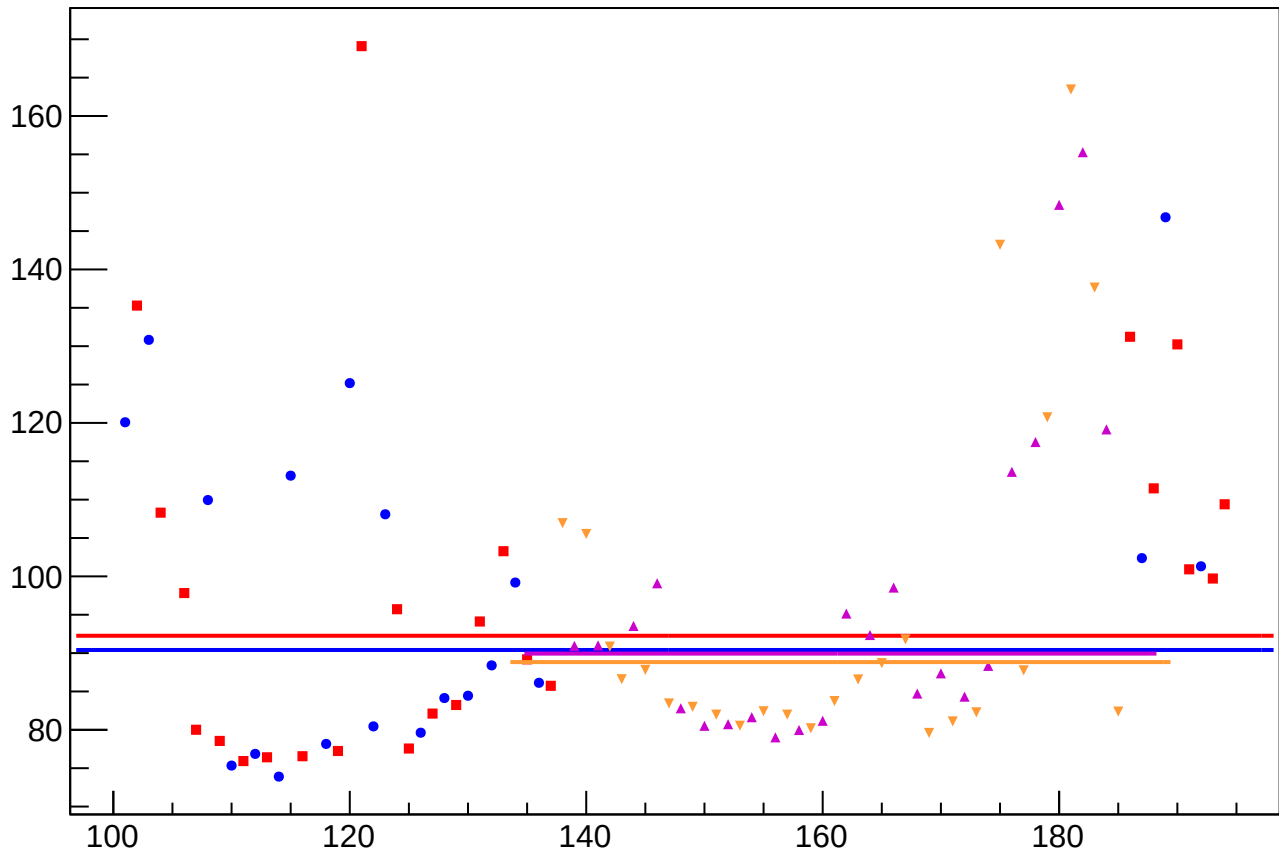
Left In: -111.732 ± 21.971 χ^2/NDF : 30.7/22

+ sign 42.500 ± 17.905 χ^2/NDF : 52.1/44

All: -11.176 ± 12.534 χ^2/NDF : 149.2/91

- sign -62.760 ± 17.553 χ^2/NDF : 79.5/46

dit_asym_sam7_rms vs Slug



Right In: 90.406 $\pm$ 0.023 χ^2 /NDF: 554614.1/19

Left Out: 88.830 $\pm$ 0.015 χ^2 /NDF: 1000651.2/24

Right Out: 92.261 $\pm$ 0.021 χ^2 /NDF: 765934.7/23

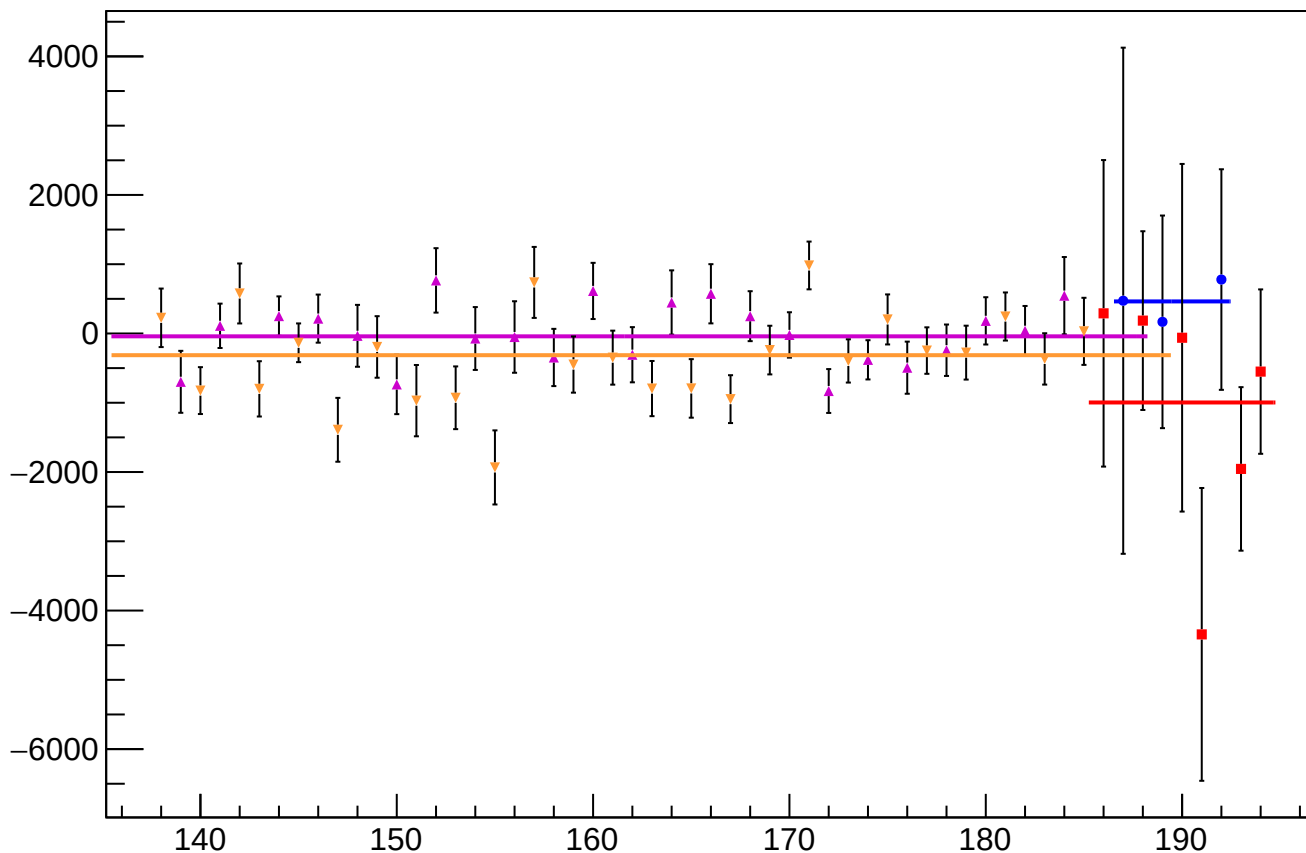
Left In: 89.934 $\pm$ 0.016 χ^2 /NDF: 874129.5/22

+ sign 89.290 $\pm$ 0.013 χ^2 /NDF: 1558470.8/44

All: 90.048 $\pm$ 0.009 χ^2 /NDF: 3213665.6/91

- sign 90.776 $\pm$ 0.012 χ^2 /NDF: 1648177.4/46

asym_sam7_correction_mean vs Slug



Right In: 462.853 ± 1057.622 χ^2/NDF : 0.1/2

Left Out: -313.446 ± 77.334 χ^2/NDF : 58.1/24

Right Out: -996.072 ± 618.306 χ^2/NDF : 4.6/5

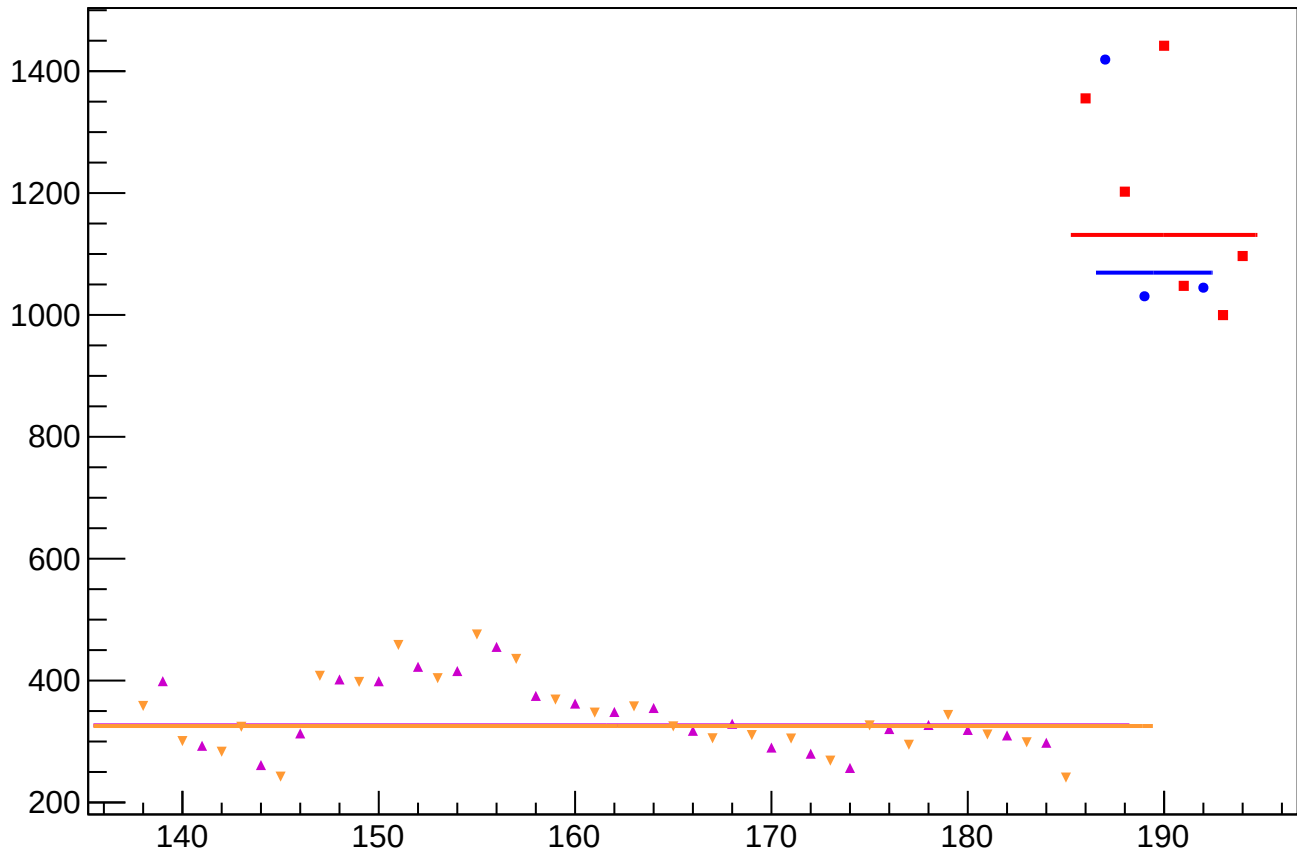
Left In: -41.244 ± 78.858 χ^2/NDF : 28.0/22

+ sign -309.318 ± 77.129 χ^2/NDF : 58.7/27

All: -184.705 ± 54.921 χ^2/NDF : 99.0/56

- sign -56.526 ± 78.224 χ^2/NDF : 35.0/28

asym_sam7_correction_rms vs Slug



Right In: 1069.399+/-0.748 χ^2/NDF : 20076.6/2

Left Out: 325.432+/-0.055 χ^2/NDF :1000974.7/24

Right Out: 1131.299+/-0.437 χ^2/NDF : 86852.3/5

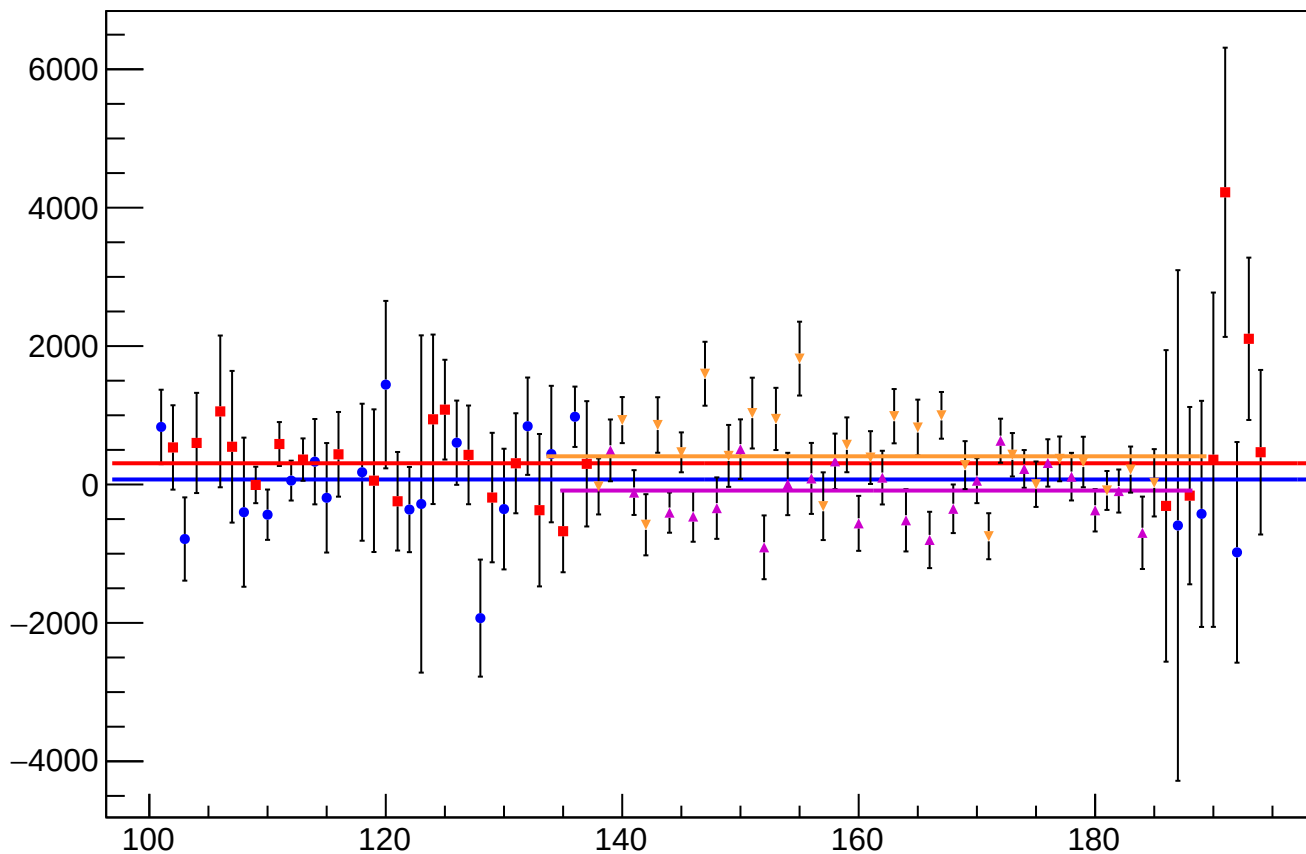
Left In: 326.516+/-0.056 χ^2/NDF :841153.2/22

+ sign 329.389+/-0.055 χ^2/NDF : 2005426.1/27

All: 334.322+/-0.039 χ^2/NDF : 6284093.1/56

- sign 339.398+/-0.055 χ^2/NDF : 4262064.4/28

asym_sam7_mean vs Slug



Right In: 72.599 ± 141.396 χ^2/NDF : 21.1/19

Left Out: 407.375 ± 74.730 χ^2/NDF : 53.0/24

Right Out: 306.624 ± 126.996 χ^2/NDF : 14.7/23

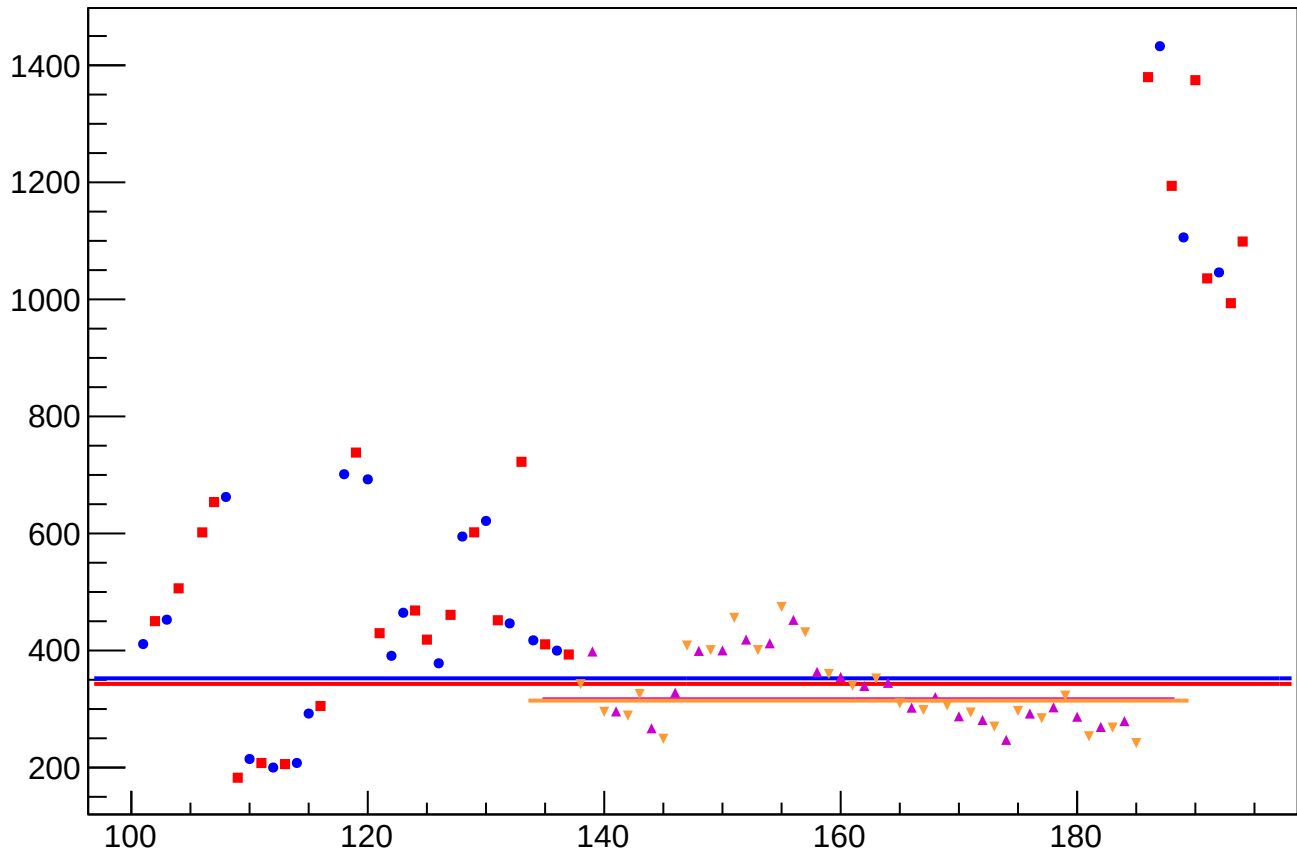
Left In: -87.657 ± 76.572 χ^2/NDF : 27.4/22

+ sign 334.279 ± 66.070 χ^2/NDF : 78.5/44

All: 174.678 ± 46.542 χ^2/NDF : 139.3/91

- sign 17.465 ± 65.574 χ^2/NDF : 49.2/46

asym_sam7_rms vs Slug



Right In: 352.456+/-0.100 χ^2/NDF : 3034034.4/19

Left Out: 314.405+/-0.053 χ^2/NDF :1112244.9/24

Right Out: 342.949+/-0.090 χ^2/NDF : 6151902.3/23

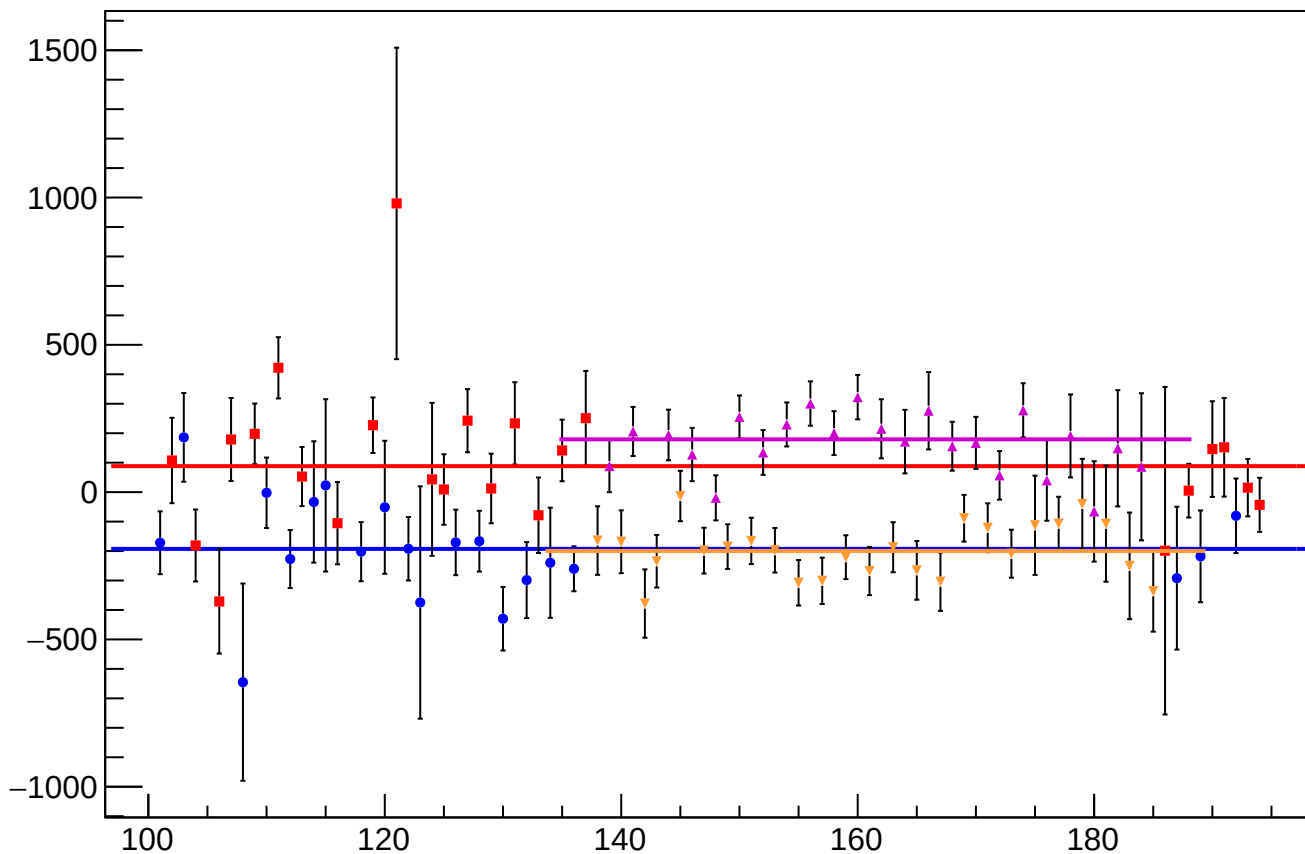
Left In: 316.616+/-0.054 χ^2/NDF :929652.0/22

+ sign 322.713+/-0.047 χ^2/NDF : 4259499.1/44

All: 323.178+/-0.033 χ^2/NDF : 11404311.2/90

- sign 323.637+/-0.046 χ^2/NDF : 7144615.0/46

dit_asym_sam8_mean vs Slug



Right In: -192.652 ± 28.833 χ^2/NDF : 20.0/19

Left Out: -199.640 ± 18.452 χ^2/NDF : 20.2/24

Right Out: 88.170 ± 25.332 χ^2/NDF : 41.6/23

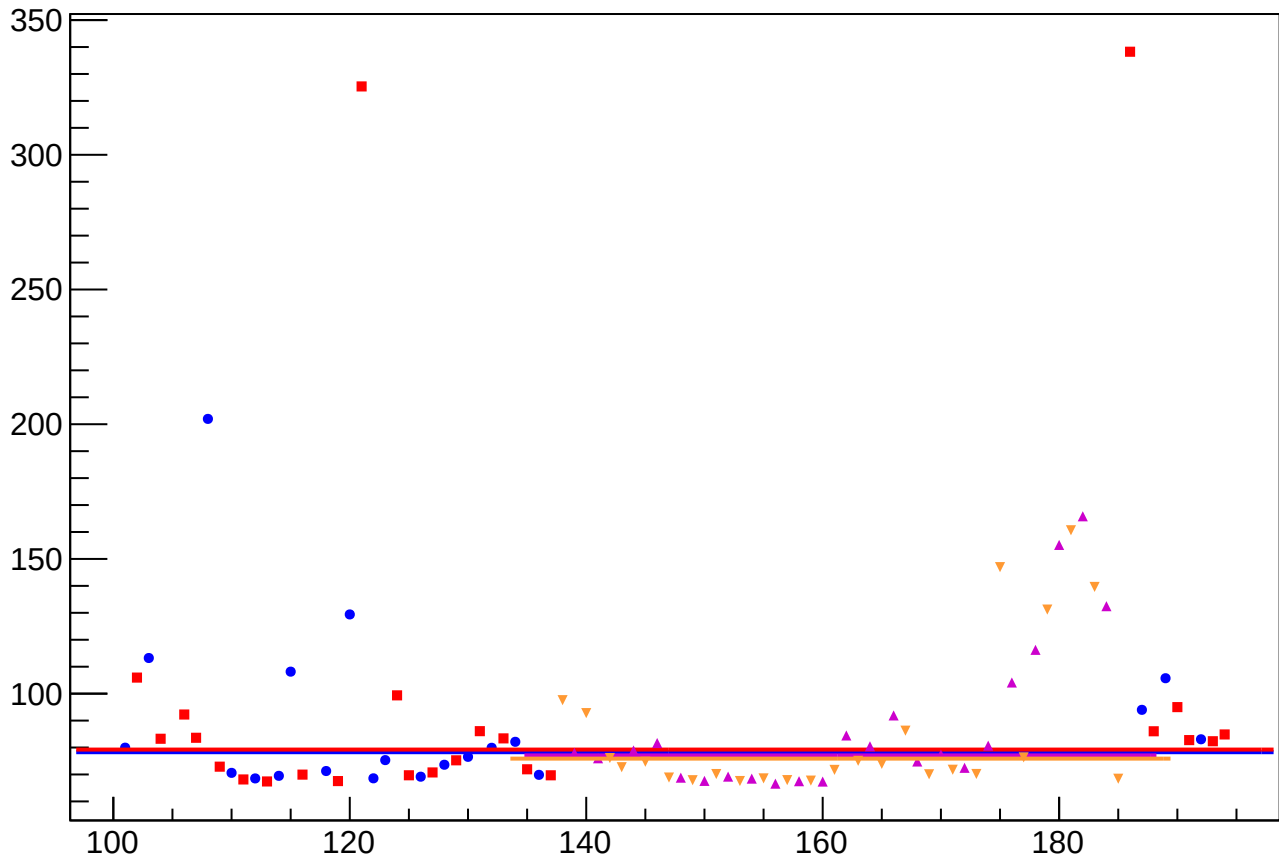
Left In: 179.154 ± 19.112 χ^2/NDF : 23.9/22

+ sign -197.610 ± 15.542 χ^2/NDF : 40.3/44

All: -22.549 ± 10.888 χ^2/NDF : 363.0/91

- sign 146.151 ± 15.257 χ^2/NDF : 73.6/46

dit_asym_sam8_rms vs Slug



Right In: 78.263 $\pm$ 0.020 χ^2 /NDF: 679196.5/19

Left Out: 75.883 $\pm$ 0.013 χ^2 /NDF: 1552500.3/24

Right Out: 79.241 $\pm$ 0.018 χ^2 /NDF: 1152200.5/23

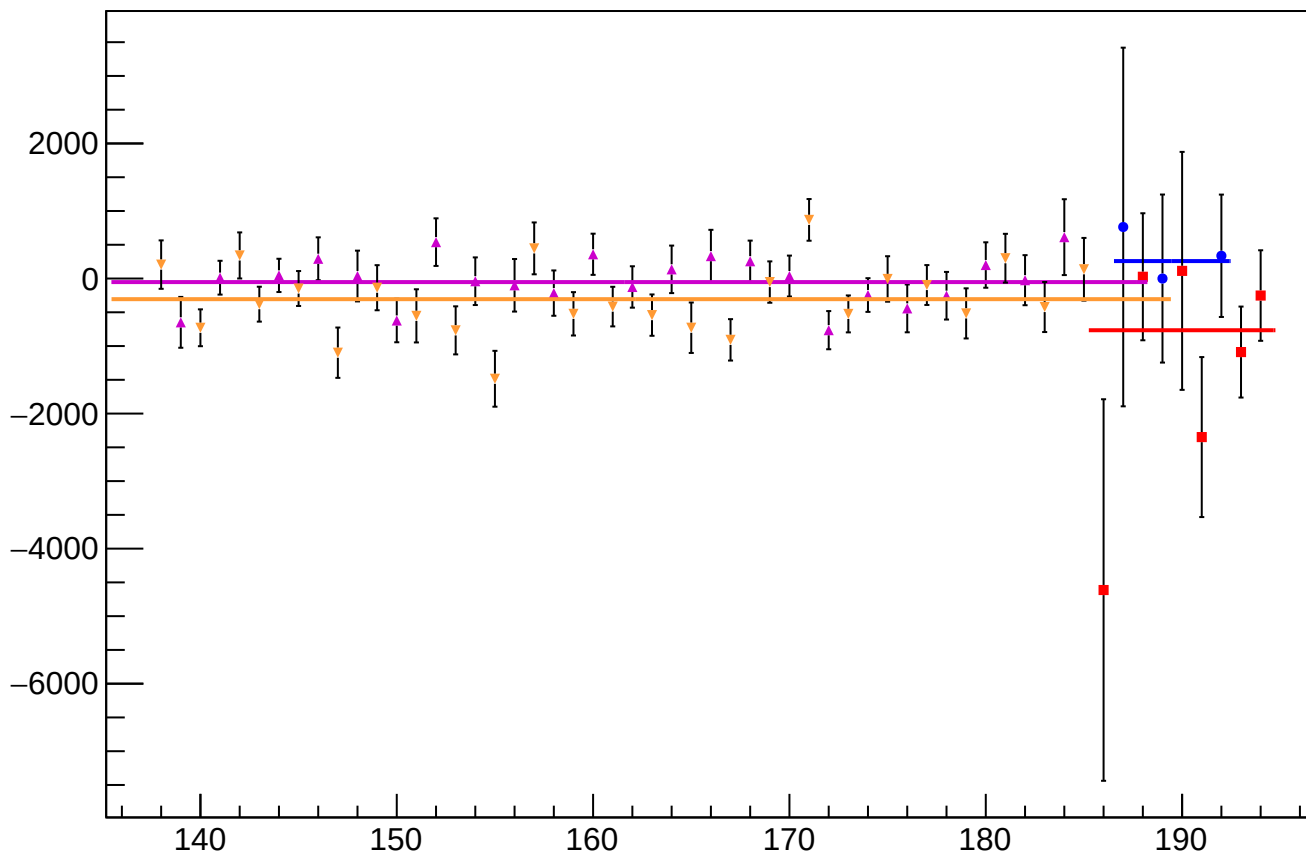
Left In: 77.080 $\pm$ 0.014 χ^2 /NDF: 1422981.1/22

+ sign 76.575 $\pm$ 0.011 χ^2 /NDF: 2241364.8/44

All: 77.231 $\pm$ 0.008 χ^2 /NDF: 4832833.2/91

- sign 77.864 $\pm$ 0.011 χ^2 /NDF: 2584462.3/46

asym_sam8_correction_mean vs Slug



Right In: 258.341 $\pm$ 706.131 χ^2/NDF : 0.1/2

Left Out: -305.659 $\pm$ 65.327 χ^2/NDF : 54.9/24

Right Out: -765.860 $\pm$ 385.775 χ^2/NDF : 5.4/5

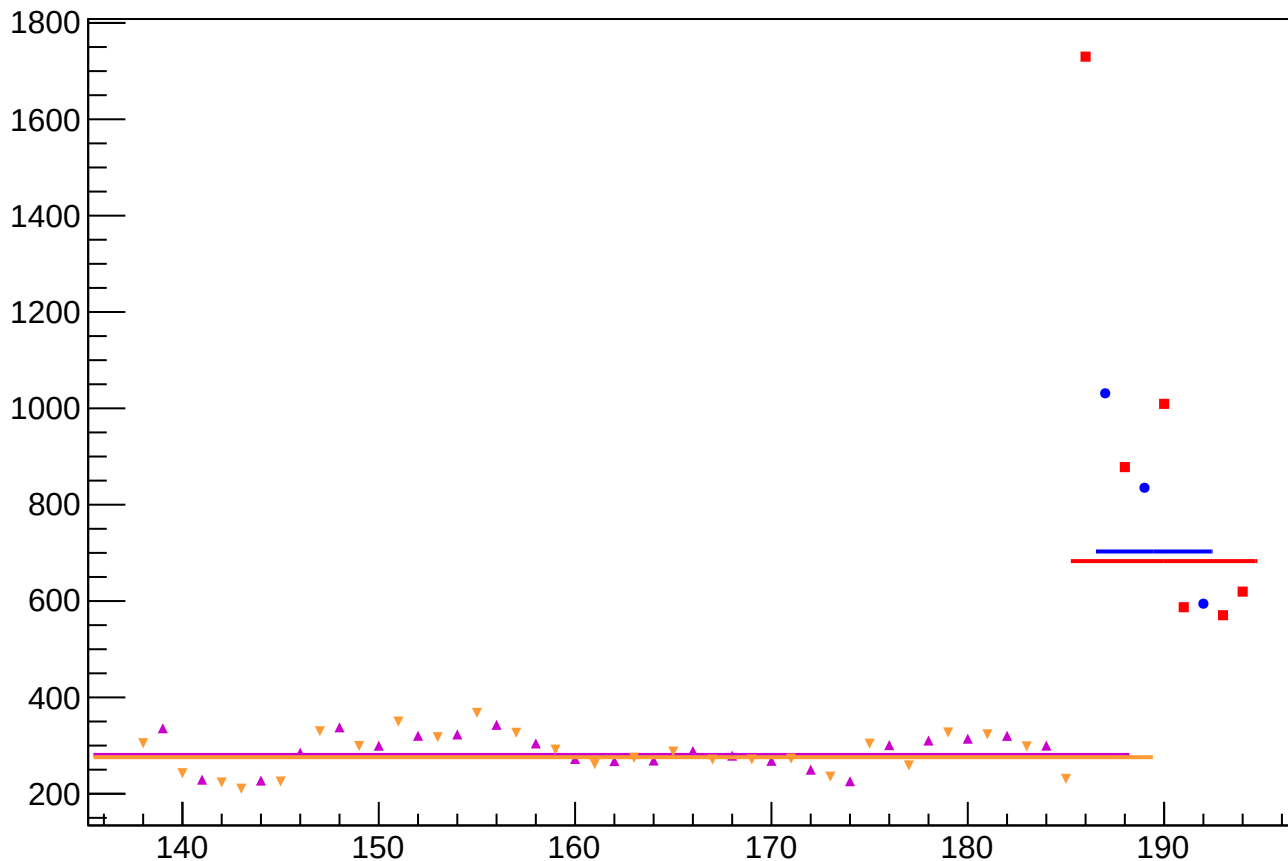
Left In: -52.759 $\pm$ 67.539 χ^2/NDF : 24.9/22

+ sign -300.873 $\pm$ 65.049 χ^2/NDF : 55.6/27

All: -189.968 $\pm$ 46.510 χ^2/NDF : 95.1/56

- sign -73.966 $\pm$ 66.527 χ^2/NDF : 33.6/28

asym_sam8_correction_rms vs Slug



Right In: 702.912 $\pm$ 0.499 χ^2/NDF : 81788.1/2

Left Out: 275.901 $\pm$ 0.046 χ^2/NDF : 753109.6/24

Right Out: 682.948 $\pm$ 0.273 χ^2/NDF : 515993.8/5

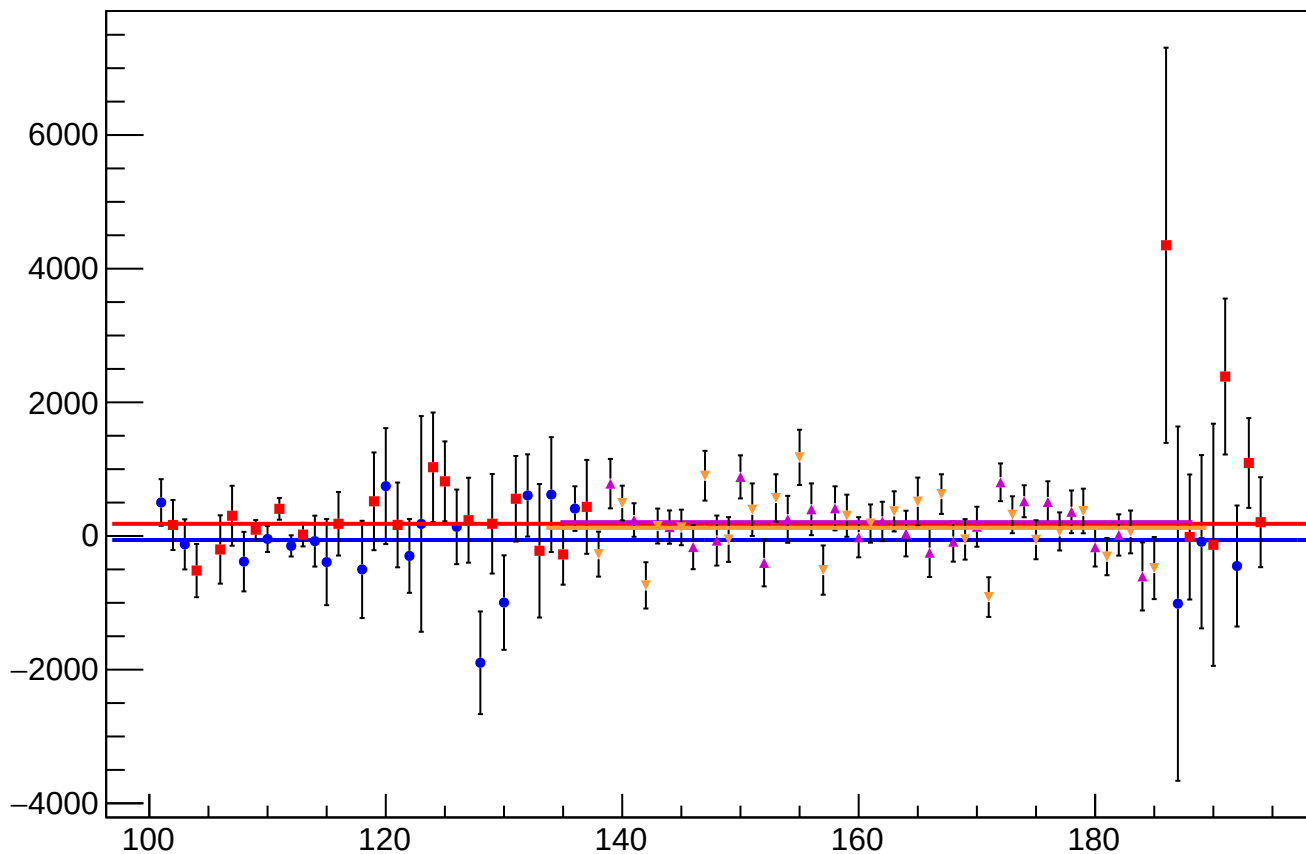
Left In: 280.628 $\pm$ 0.048 χ^2/NDF : 587415.9/22

+ sign 279.525 $\pm$ 0.046 χ^2/NDF : 1560063.0/27

All: 285.912 $\pm$ 0.033 χ^2/NDF : 4813462.9/56

- sign 292.593 $\pm$ 0.047 χ^2/NDF : 3213944.3/28

asym_sam8_mean vs Slug



Right In: -60.040 ± 89.642 χ^2/NDF : 16.9/19

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 182.099 ± 75.557 χ^2/NDF : 18.4/23

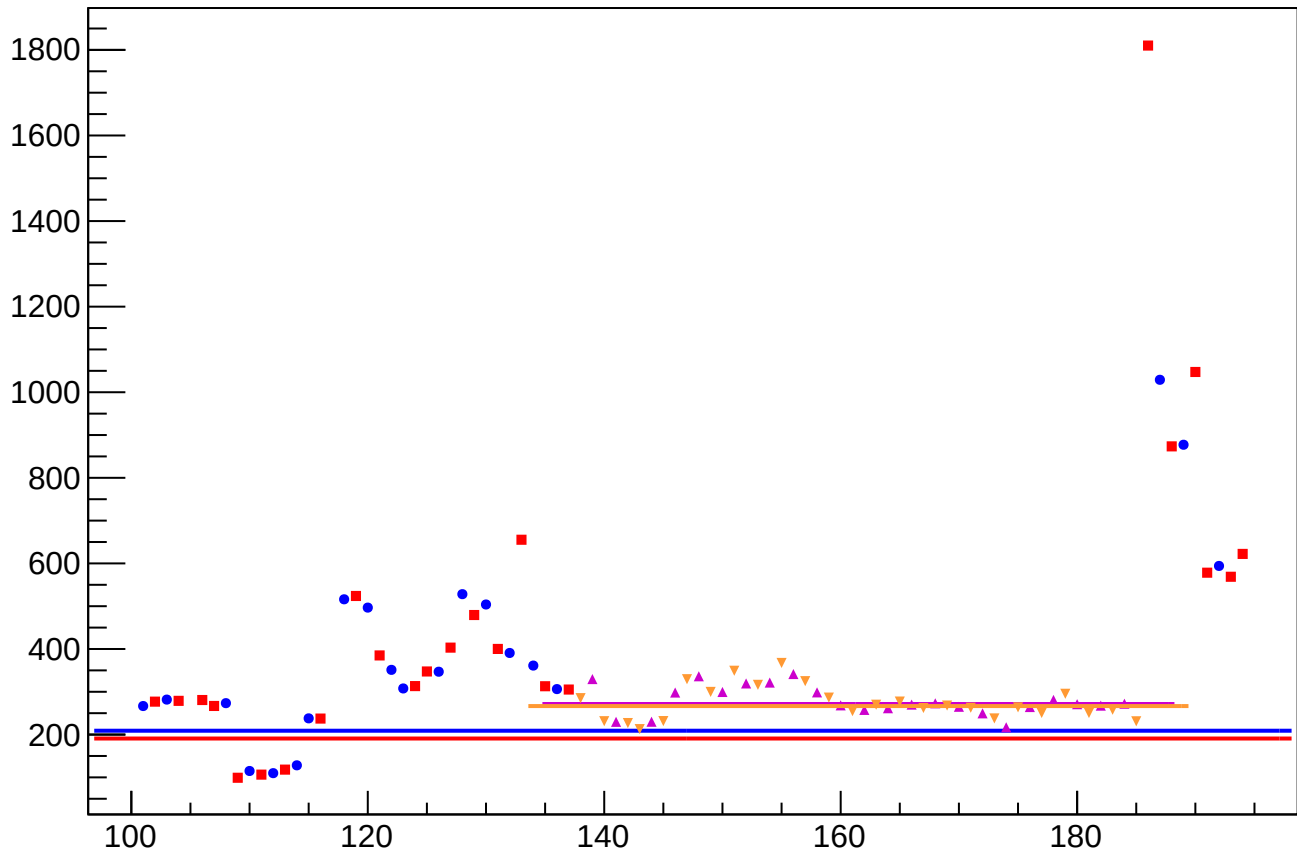
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 61.382 ± 51.495 χ^2/NDF : 68.6/44

All: 131.712 ± 35.642 χ^2/NDF : 118.4/91

- sign 196.390 ± 49.382 χ^2/NDF : 46.2/46

asym_sam8_rms vs Slug



Right In: 209.003+/-0.063 χ^2/NDF : 4536477.4/19

Left Out: 266.618+/-0.044 χ^2/NDF : 639230.8/24

Right Out: 190.786+/-0.053 χ^2/NDF : 7977231.8/23

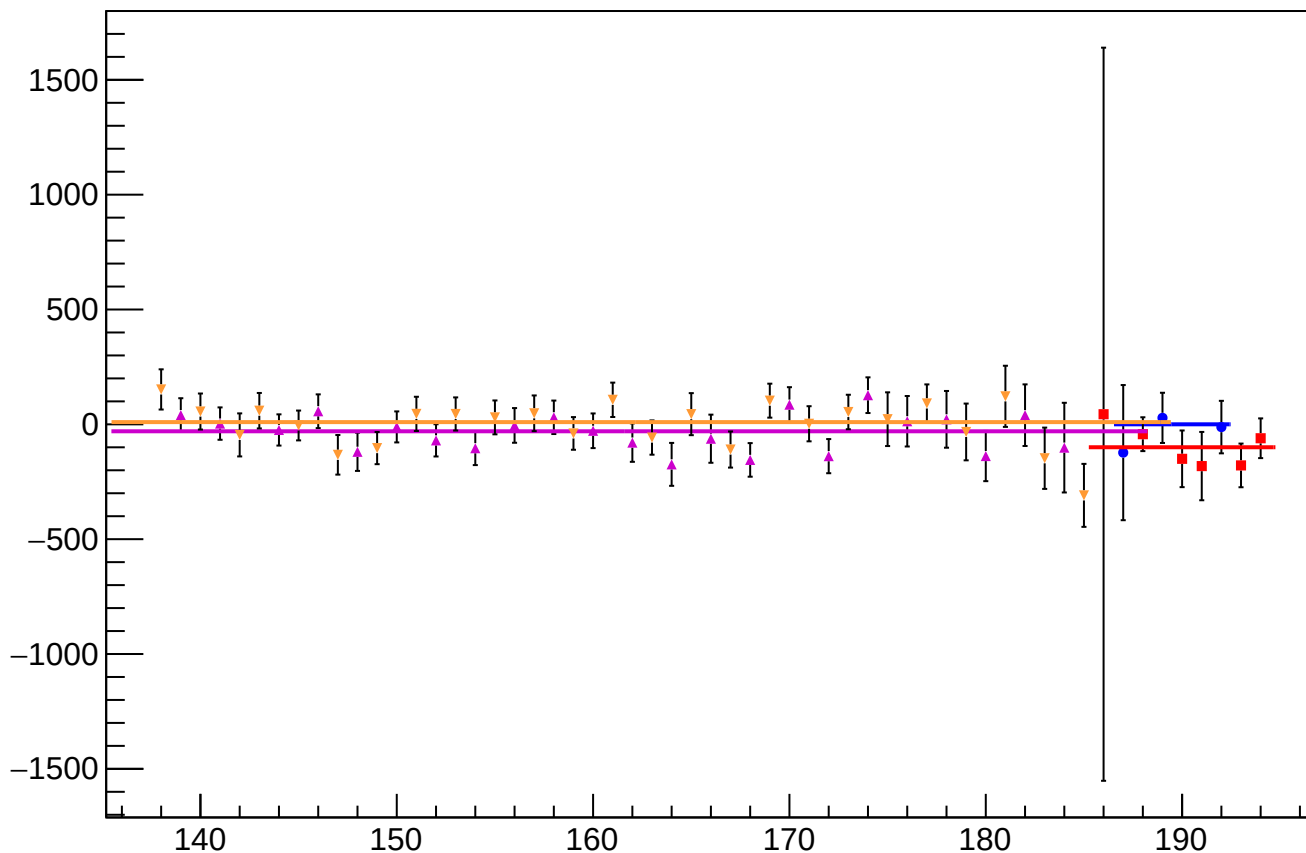
Left In: 271.451+/-0.046 χ^2/NDF : 530897.8/22

+ sign 247.605+/-0.036 χ^2/NDF : 5729243.1/44

All: 242.077+/-0.025 χ^2/NDF : 15587439.7/91

- sign 236.993+/-0.035 χ^2/NDF : 9813952.2/46

dit_asym_sam_15_avg_mean vs Slug



Right In: 0.145 ± 76.295 $\chi^2/\text{NDF}: 0.3/2$

Left Out: 9.762 ± 16.463 $\chi^2/\text{NDF}: 25.9/24$

Right Out: -99.740 ± 43.039 $\chi^2/\text{NDF}: 2.0/5$

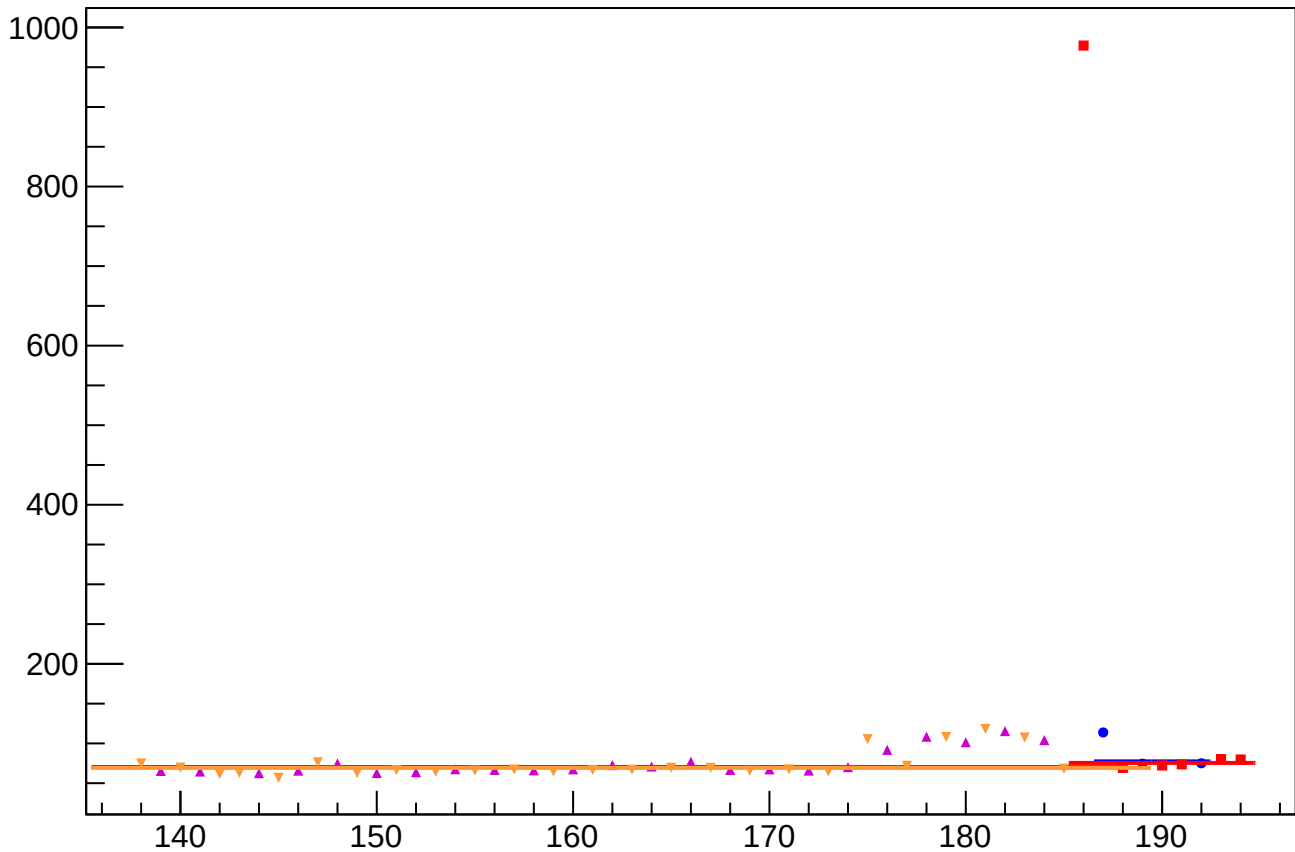
Left In: -30.236 ± 17.031 $\chi^2/\text{NDF}: 21.9/22$

+ sign 9.334 ± 16.093 $\chi^2/\text{NDF}: 26.2/27$

All: -15.550 ± 11.287 $\chi^2/\text{NDF}: 57.0/56$

- sign -39.646 ± 15.836 $\chi^2/\text{NDF}: 26.1/28$

dit_asym_sam_15_avg_rms vs Slug



Right In: 77.409 $\pm$ 0.054 χ^2 /NDF: 32744.2/2

Left Out: 69.234 $\pm$ 0.012 χ^2 /NDF: 1005922.1/24

Right Out: 75.505 $\pm$ 0.030 χ^2 /NDF: 664405.3/5

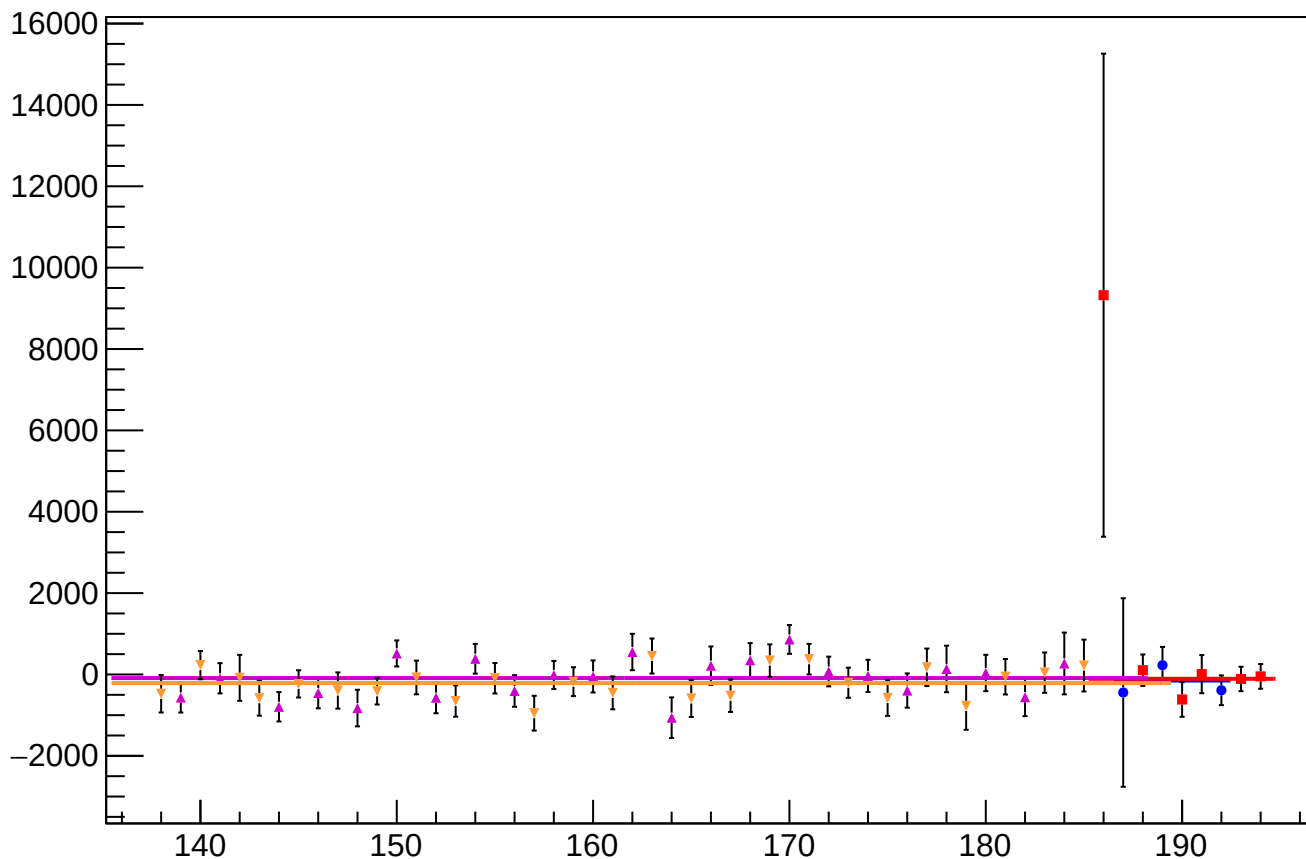
Left In: 70.322 $\pm$ 0.012 χ^2 /NDF: 862105.7/22

+ sign 69.598 $\pm$ 0.011 χ^2 /NDF: 1060608.7/27

All: 70.322 $\pm$ 0.008 χ^2 /NDF: 2620181.8/56

- sign 71.024 $\pm$ 0.011 χ^2 /NDF: 1551589.4/28

asym_sam_15_avg_correction_mean vs Slug



Right In: -147.867+/-281.490 χ^2/NDF : 1.1/2

Left Out: -211.526+/-82.780 χ^2/NDF :19.4/24

Right Out: -106.009+/-160.586 χ^2/NDF : 4.3/5

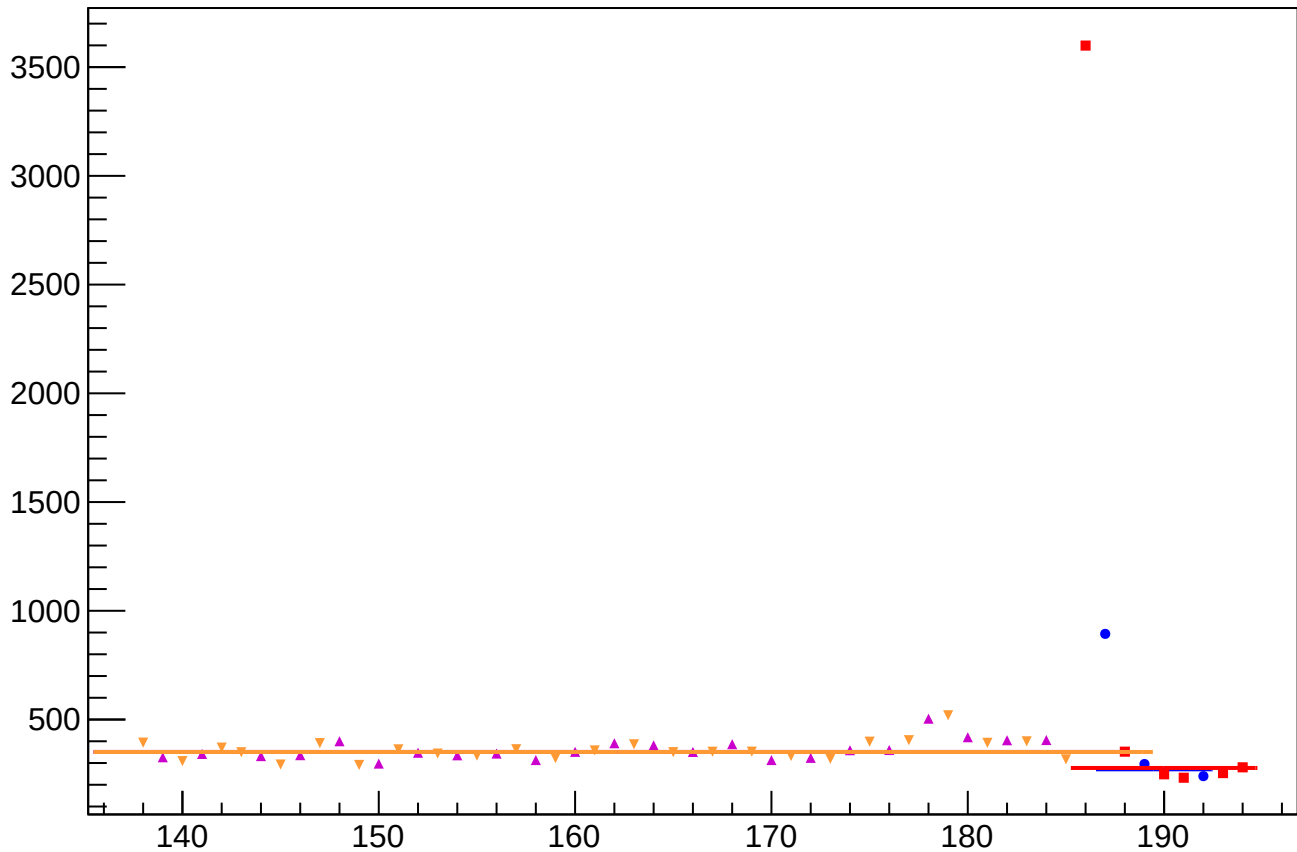
Left In: -88.062+/-84.309 χ^2/NDF :33.5/22

+ sign -206.459+/-79.417 χ^2/NDF : 20.6/27

All: -145.657+/-54.392 χ^2/NDF : 59.5/56

- sign -91.940+/-74.647 χ^2/NDF : 37.8/28

asym_sam_15_avg_correction_rms vs Slug



Right In: 271.105+/-0.199 χ^2/NDF : 165075.8/2

Left Out: 350.780+/-0.059 χ^2/NDF : 506274.4/24

Right Out: 277.272+/-0.114 χ^2/NDF : 741600.0/5

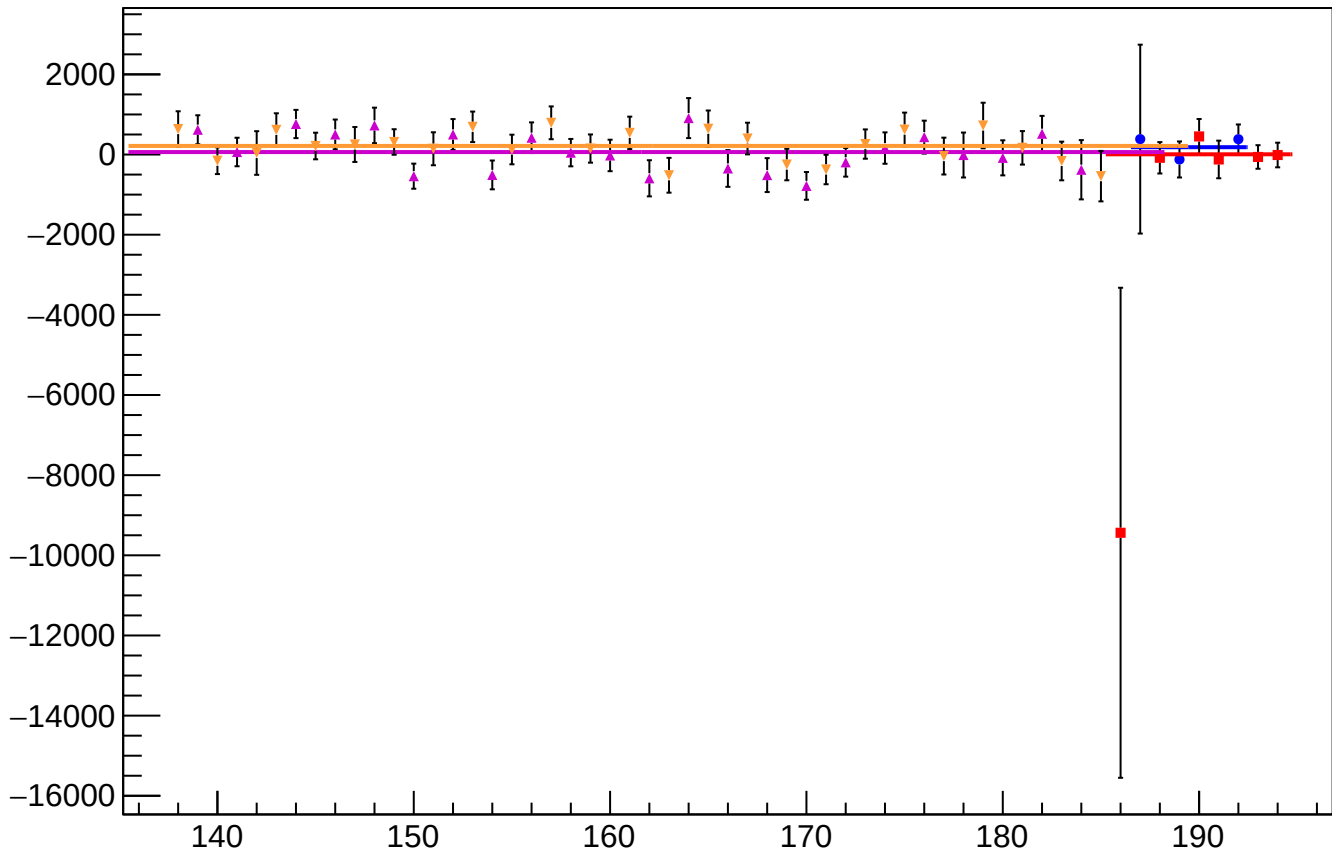
Left In: 350.944+/-0.060 χ^2/NDF : 424876.4/22

+ sign 344.438+/-0.056 χ^2/NDF : 818830.8/27

All: 339.441+/-0.038 χ^2/NDF : 2330213.3/56

- sign 335.026+/-0.053 χ^2/NDF : 1496465.3/28

asym_sam_15_avg_mean vs Slug



Right In: 183.347 $\pm$ 282.539 χ^2 /NDF: 0.8/2

Left Out: 215.214 $\pm$ 81.235 χ^2 /NDF:19.6/24

Right Out: 5.835 $\pm$ 161.057 χ^2 /NDF: 3.6/5

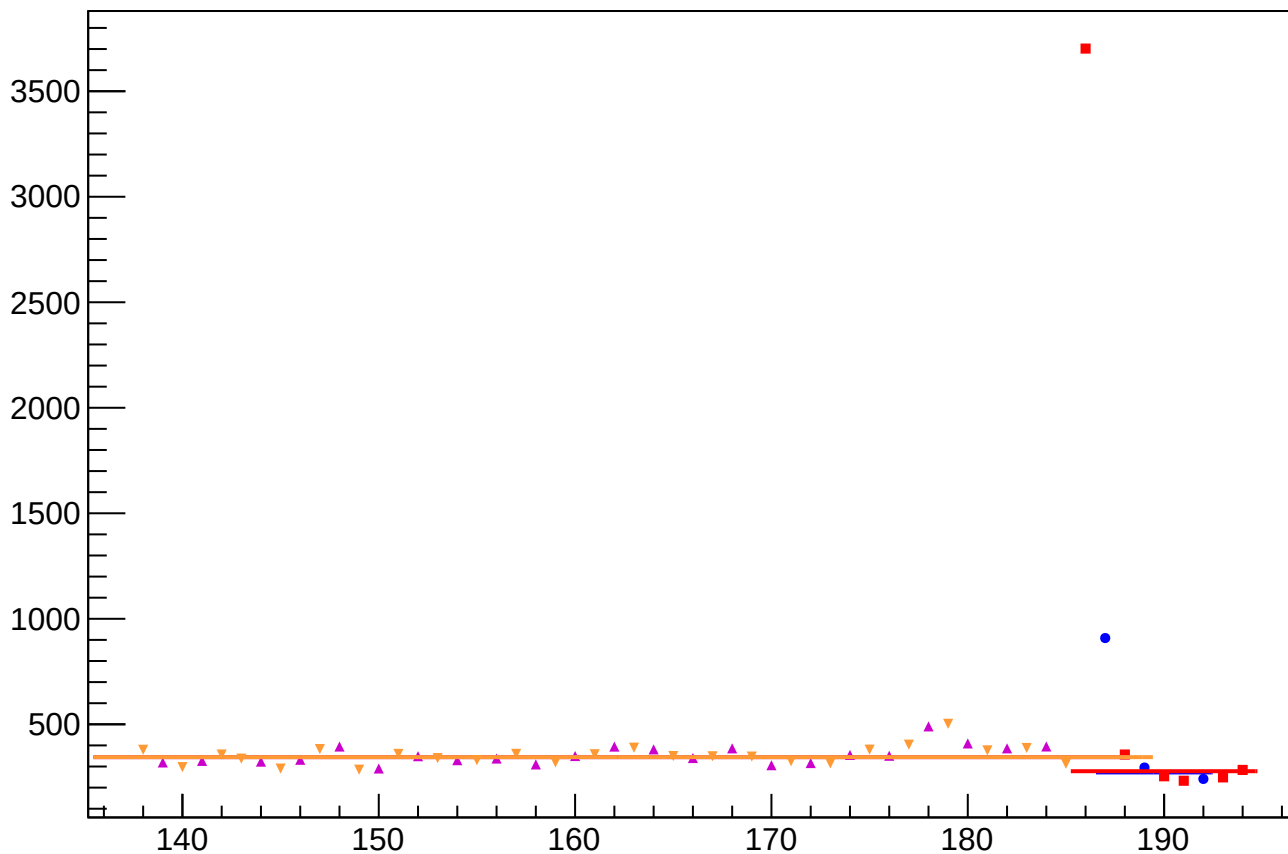
Left In: 61.730 $\pm$ 82.841 χ^2 /NDF:34.9/22

+ sign 212.781 $\pm$ 78.072 χ^2 /NDF: 20.4/27

All: 126.688 $\pm$ 53.580 χ^2 /NDF: 61.3/56

- sign 50.036 $\pm$ 73.667 χ^2 /NDF: 38.6/28

asym_sam_15_avg_rms vs Slug



Right In: 272.066 $\pm$ 0.200 χ^2 /NDF: 165422.2/2

Left Out: 344.439 $\pm$ 0.057 χ^2 /NDF: 488381.9/24

Right Out: 277.767 $\pm$ 0.114 χ^2 /NDF: 754229.5/5

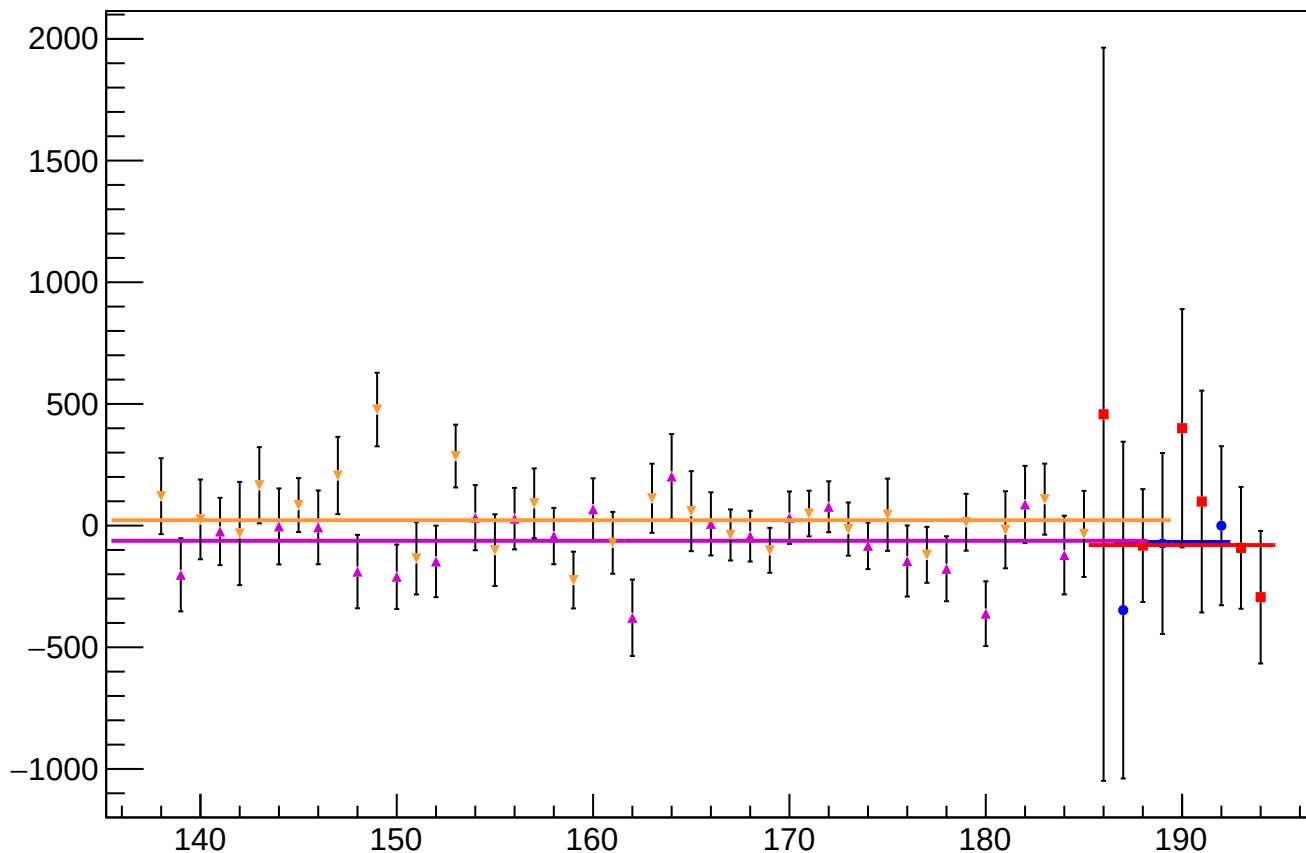
Left In: 344.475 $\pm$ 0.059 χ^2 /NDF: 433401.7/22

+ sign 338.913 $\pm$ 0.055 χ^2 /NDF: 775014.3/27

All: 334.472 $\pm$ 0.038 χ^2 /NDF: 2246198.7/56

- sign 330.519 $\pm$ 0.052 χ^2 /NDF: 1458952.9/28

dit_asym_sam_26_avg_mean vs Slug



Right In: -67.438 ± 231.384 χ^2/NDF : 0.2/2

Left Out: 22.164 ± 26.284 χ^2/NDF : 28.1/24

Right Out: -80.058 ± 131.955 χ^2/NDF : 1.9/5

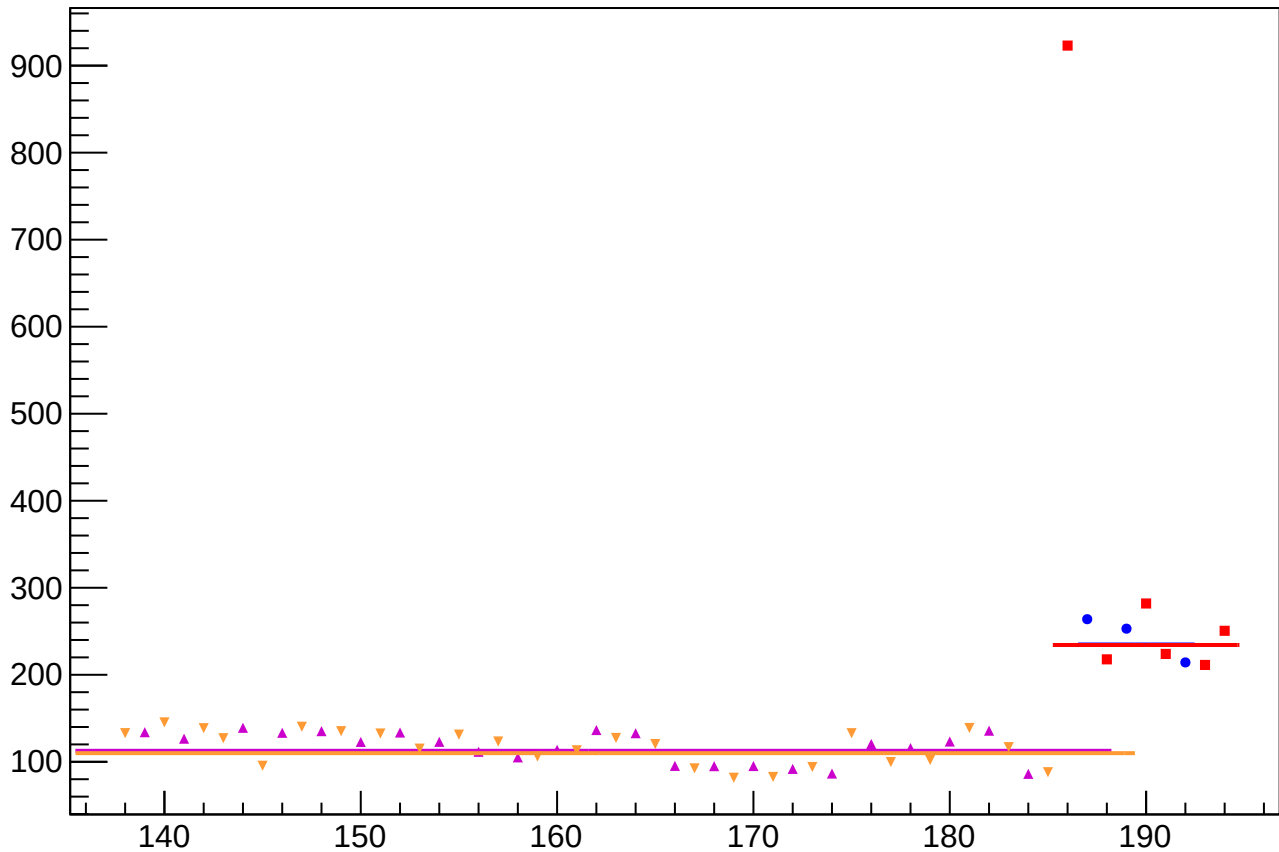
Left In: -62.310 ± 27.398 χ^2/NDF : 22.0/22

+ sign 21.022 ± 26.116 χ^2/NDF : 28.4/27

All: -19.883 ± 18.713 χ^2/NDF : 57.4/56

- sign -63.044 ± 26.826 χ^2/NDF : 23.9/28

dit_asym_sam_26_avg_rms vs Slug



Right In: 234.777 $\pm$ 0.164 χ^2 /NDF: 16264.5/2

Left Out: 109.953 $\pm$ 0.019 χ^2 /NDF: 1140626.9/24

Right Out: 234.250 $\pm$ 0.093 χ^2 /NDF: 472242.1/5

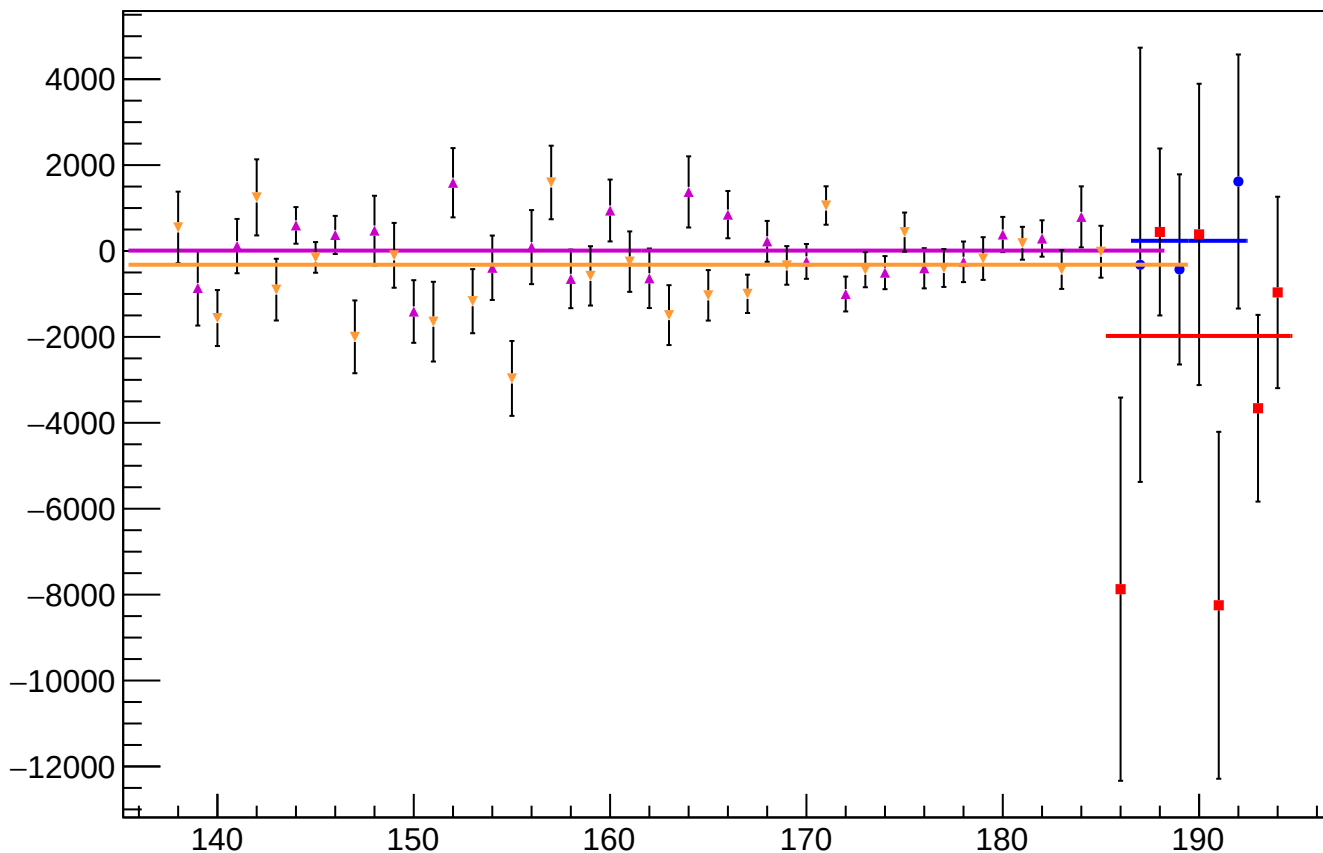
Left In: 112.657 $\pm$ 0.019 χ^2 /NDF: 835831.1/22

+ sign 111.543 $\pm$ 0.018 χ^2 /NDF: 1731530.1/27

All: 114.530 $\pm$ 0.013 χ^2 /NDF: 4721434.8/56

- sign 117.682 $\pm$ 0.019 χ^2 /NDF: 2936118.2/28

asym_sam_26_avg_correction_mean vs Slug



Right In: 237.435 ± 1672.191 $\chi^2/\text{NDF}: 0.3/2$

Left Out: -319.391 ± 110.306 $\chi^2/\text{NDF}: 51.5/24$

Right Out: -1977.637 ± 1071.719 $\chi^2/\text{NDF}: 7.0/5$

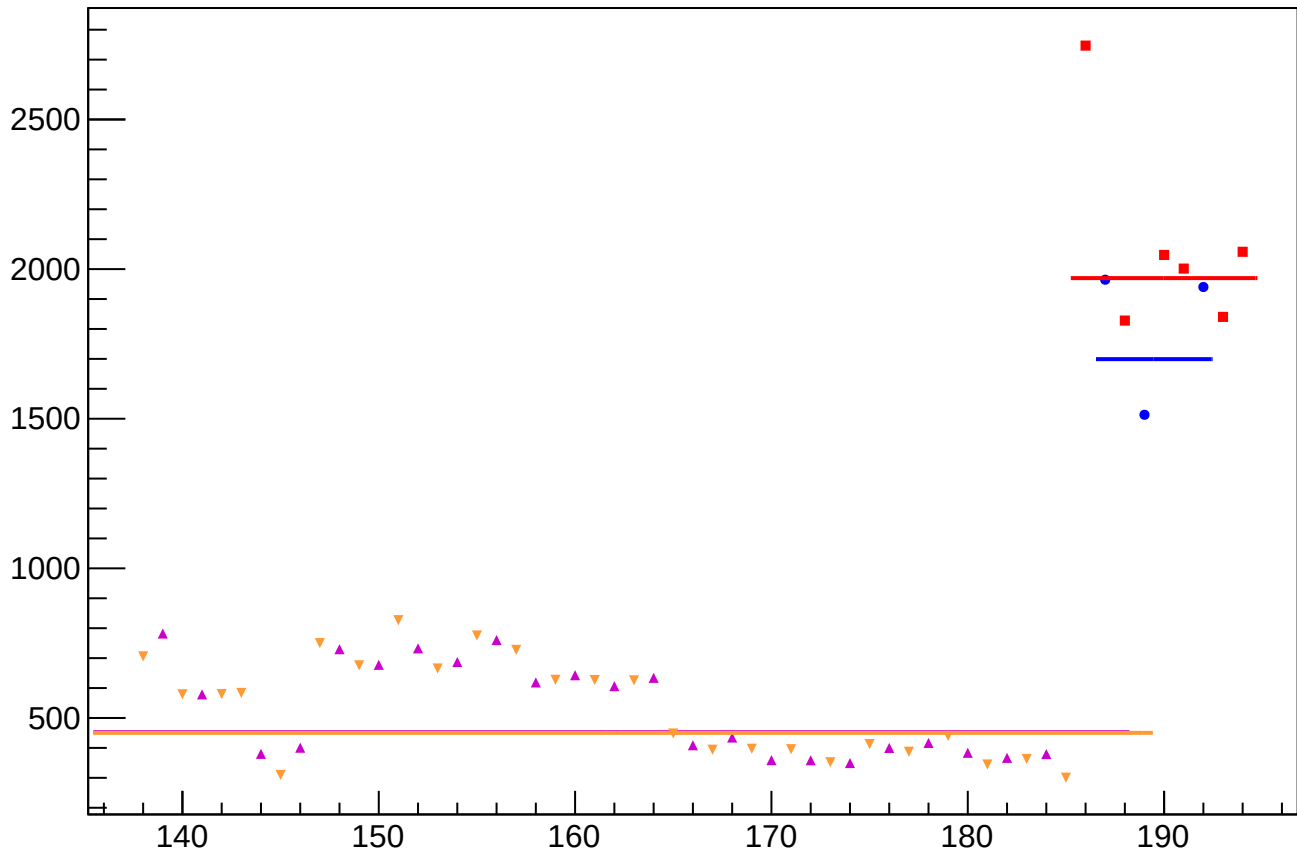
Left In: 9.462 ± 112.340 $\chi^2/\text{NDF}: 32.5/22$

+ sign -316.979 ± 110.066 $\chi^2/\text{NDF}: 52.0/27$

All: -166.840 ± 78.410 $\chi^2/\text{NDF}: 98.6/56$

- sign -12.135 ± 111.728 $\chi^2/\text{NDF}: 42.9/28$

asym_sam_26_avg_correction_rms vs Slug



Right In: 1699.111 $\pm$ 1.182 χ^2 /NDF: 32919.6/2

Left Out: 450.363 $\pm$ 0.078 χ^2 /NDF:3096435.8/24

Right Out: 1969.914 $\pm$ 0.758 χ^2 /NDF: 82645.7/5

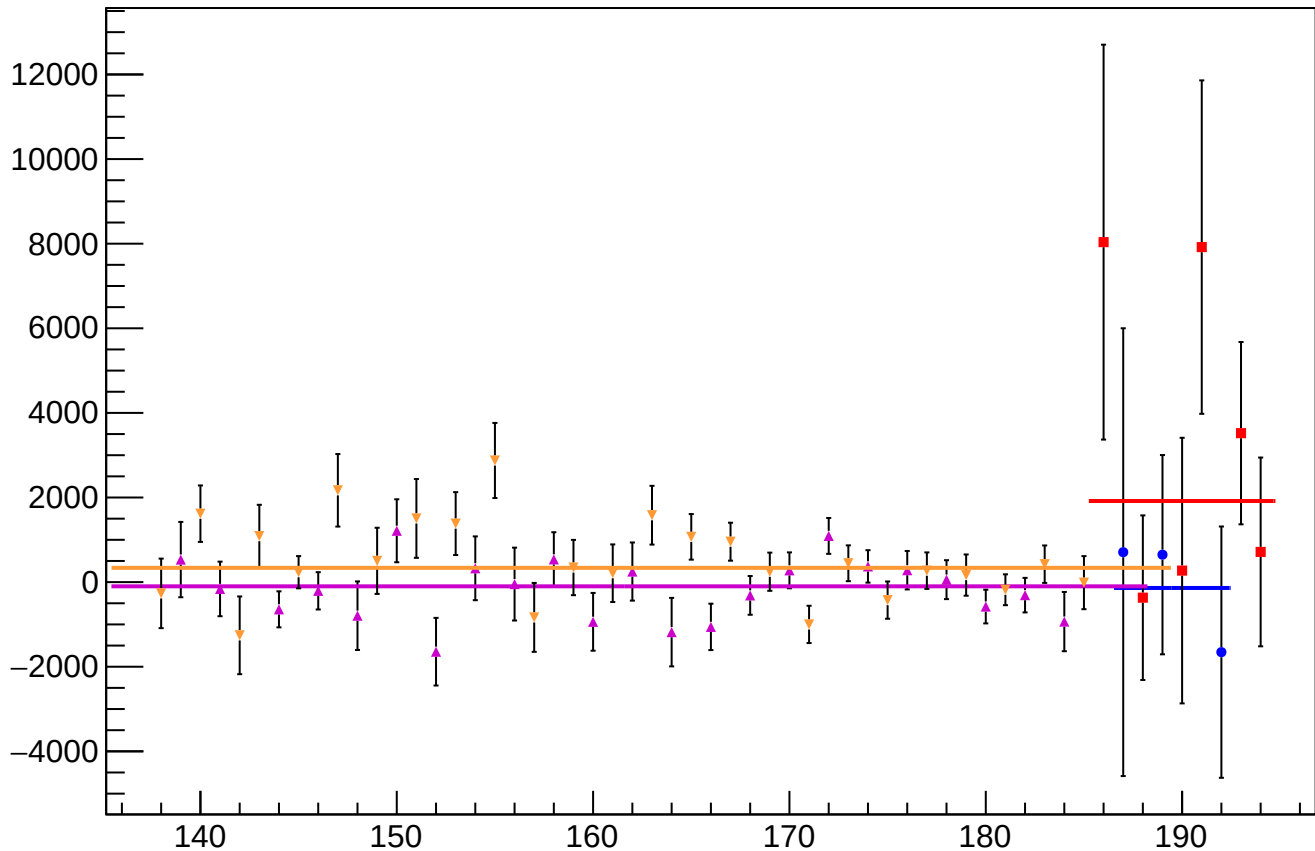
Left In: 452.694 $\pm$ 0.079 χ^2 /NDF:2586032.2/22

+ sign 455.773 $\pm$ 0.078 χ^2 /NDF: 4239863.7/27

All: 462.378 $\pm$ 0.055 χ^2 /NDF: 10887949.0/50

- sign 469.184 $\pm$ 0.079 χ^2 /NDF: 6633462.5/28

asym_sam_26_avg_mean vs Slug



Right In: -138.085 ± 1742.492 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 337.948 ± 109.831 $\chi^2/\text{NDF}: 48.6/24$

Right Out: 1917.573 ± 1058.686 $\chi^2/\text{NDF}: 6.5/5$

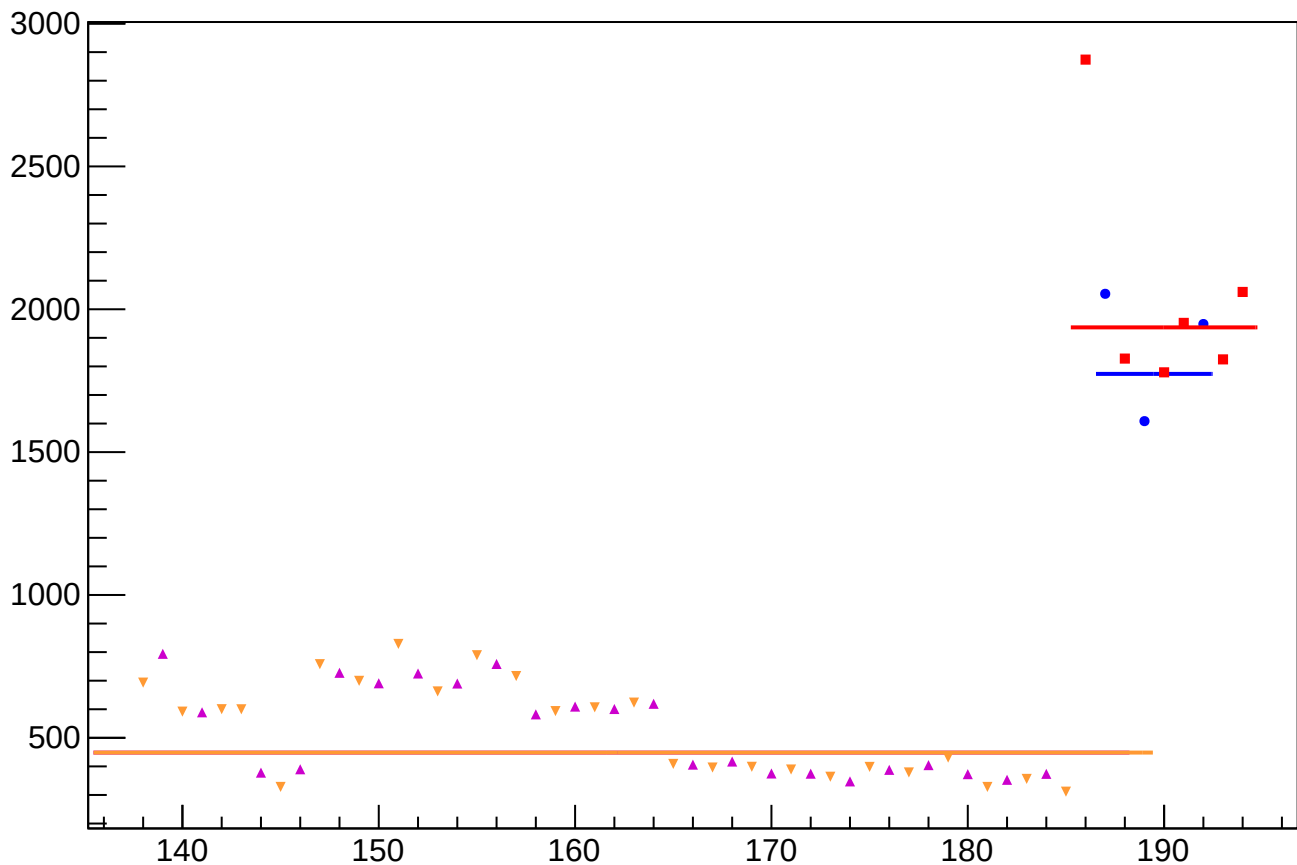
Left In: -99.475 ± 111.475 $\chi^2/\text{NDF}: 32.1/22$

+ sign 336.064 ± 109.613 $\chi^2/\text{NDF}: 49.0/27$

All: 131.695 ± 77.946 $\chi^2/\text{NDF}: 98.3/56$

- sign -77.357 ± 110.862 $\chi^2/\text{NDF}: 42.2/28$

asym_sam_26_avg_rms vs Slug



Right In: 1773.781+/-1.232 χ^2/NDF : 22381.3/2

Left Out: 448.397+/-0.078 χ^2/NDF : 3077183.0/24

Right Out: 1936.616+/-0.749 χ^2/NDF : 103586.8/5

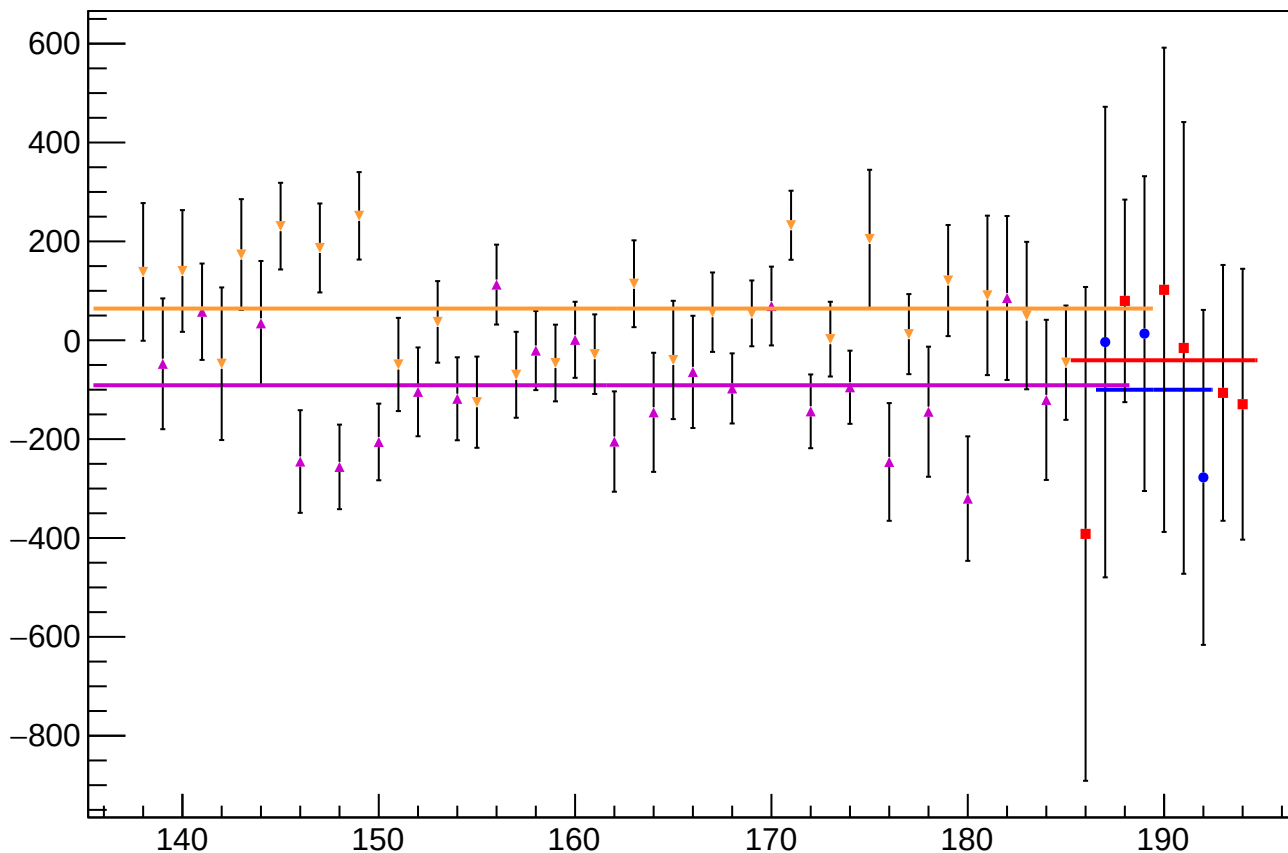
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 453.641+/-0.078 χ^2/NDF : 4252088.7/27

All: 459.038+/-0.055 χ^2/NDF : 10838554.1/56

- sign 464.559+/-0.078 χ^2/NDF : 6576656.7/28

dit_asym_sam_37_avg_mean vs Slug



Right In: -100.078 ± 208.565 χ^2/NDF : 0.4/2

Left Out: 64.142 ± 18.728 χ^2/NDF : 33.8/24

Right Out: -40.504 ± 123.983 χ^2/NDF : 1.1/5

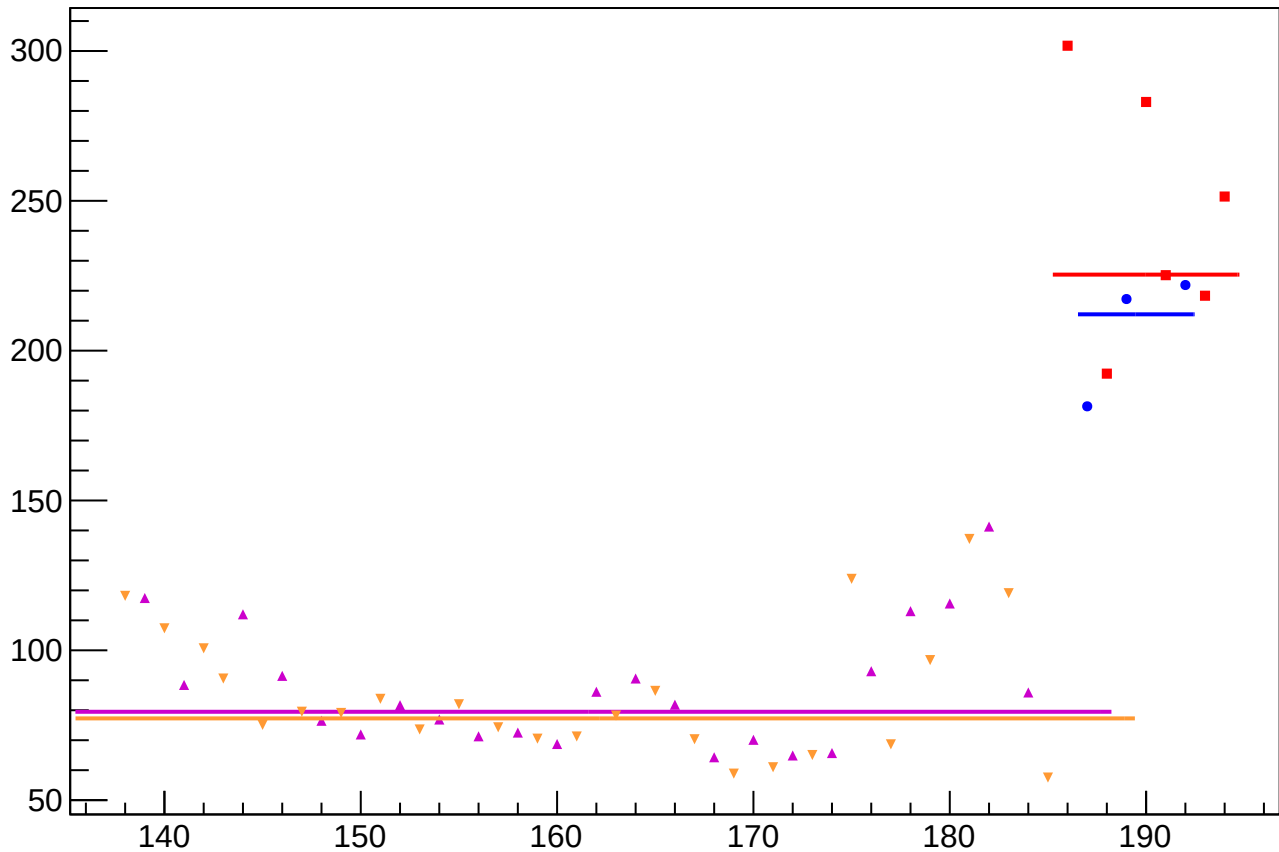
Left In: -91.028 ± 19.637 χ^2/NDF : 32.6/22

+ sign 62.828 ± 18.653 χ^2/NDF : 34.8/27

All: -10.503 ± 13.444 χ^2/NDF : 100.9/56

- sign -89.792 ± 19.396 χ^2/NDF : 33.9/28

dit_asym_sam_37_avg_rms vs Slug



Right In: 212.125+/-0.147 χ^2/NDF : 10501.2/2

Left Out: 77.280+/-0.013 χ^2/NDF : 1553410.1/24

Right Out: 225.376+/-0.088 χ^2/NDF : 146060.8/5

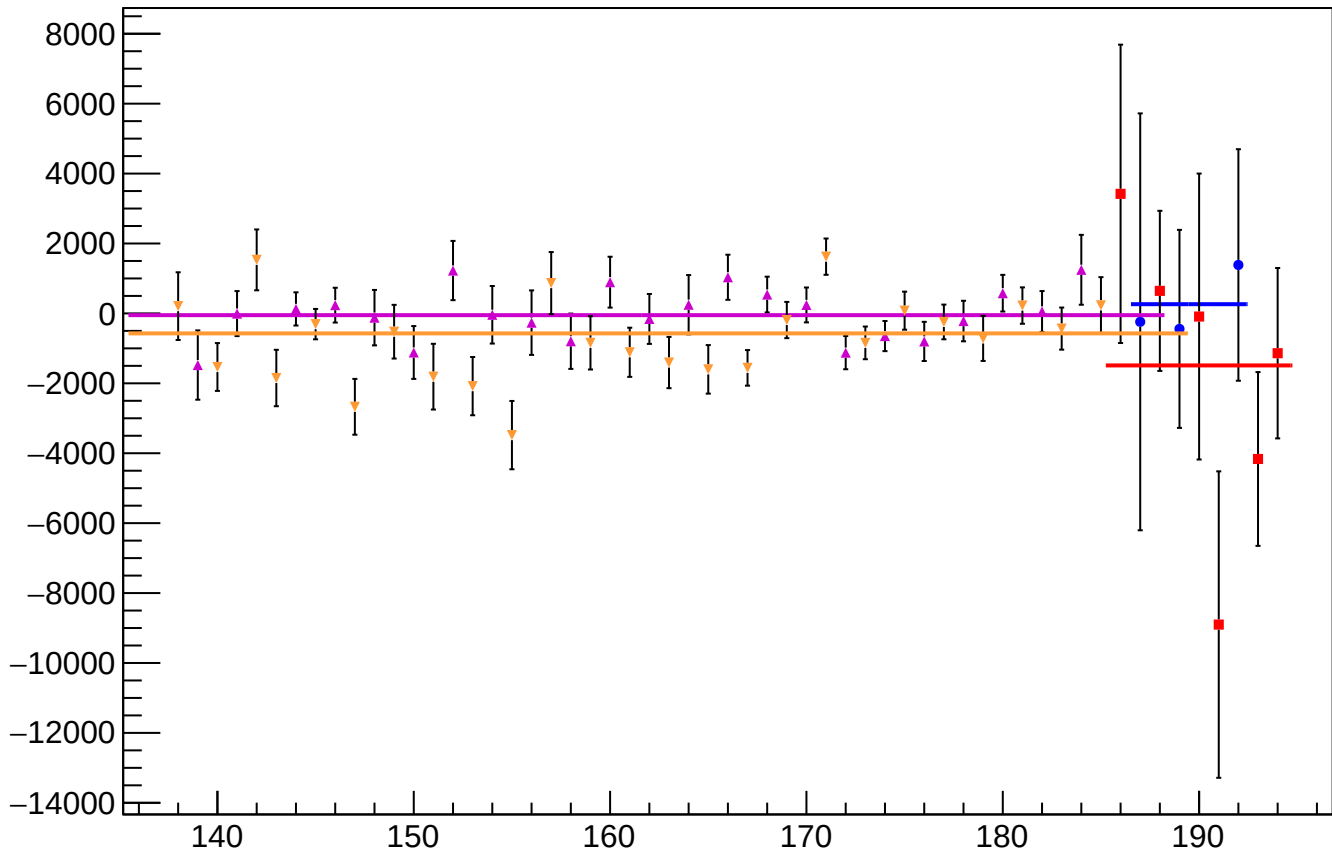
Left In: 79.491+/-0.014 χ^2/NDF : 1333774.9/22

+ sign 78.358+/-0.013 χ^2/NDF : 2393245.5/27

All: 80.618+/-0.010 χ^2/NDF : 6635423.7/56

- sign 83.062+/-0.014 χ^2/NDF : 4181074.9/28

asym_sam_37_avg_correction_mean vs Slug



Right In: 263.702 $\pm$ 2024.631 χ^2 /NDF: 0.2/2

Left Out: -571.669 $\pm$ 128.158 χ^2 /NDF:66.8/24

Right Out: -1488.126 $\pm$ 1205.881 χ^2 /NDF: 6.3/5

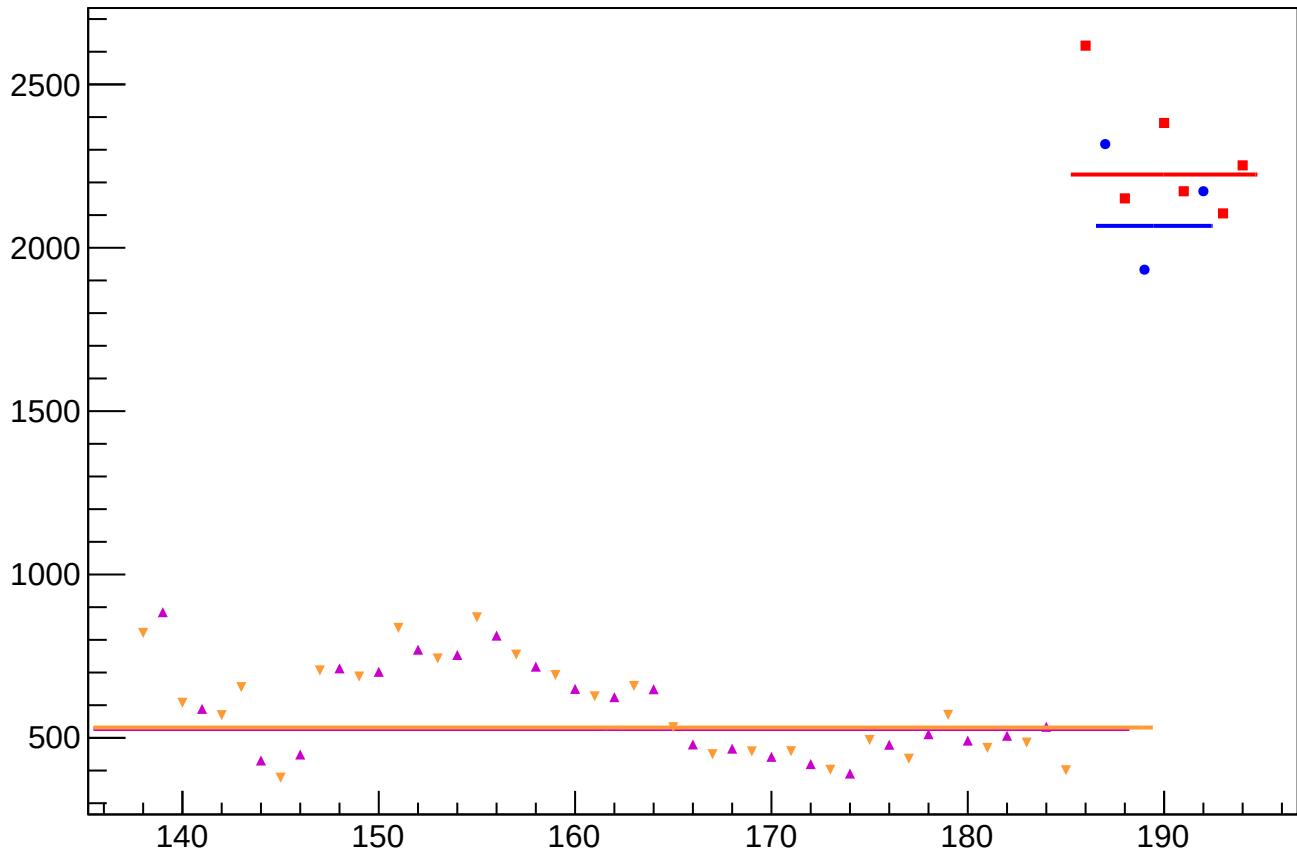
Left In: -50.077 $\pm$ 129.187 χ^2 /NDF:26.1/22

+ sign -568.335 $\pm$ 127.902 χ^2 /NDF: 67.1/27

All: -318.441 $\pm$ 90.634 χ^2 /NDF: 108.7/56

- sign -66.394 $\pm$ 128.452 χ^2 /NDF: 33.9/28

asym_sam_37_avg_correction_rms vs Slug



Right In: 2067.019 $\pm$ 1.432 χ^2 /NDF: 10056.1/2

Left Out: 531.643 $\pm$ 0.091 χ^2 /NDF:2038304.3/24

Right Out: 2224.130 $\pm$ 0.853 χ^2 /NDF: 27211.6/5

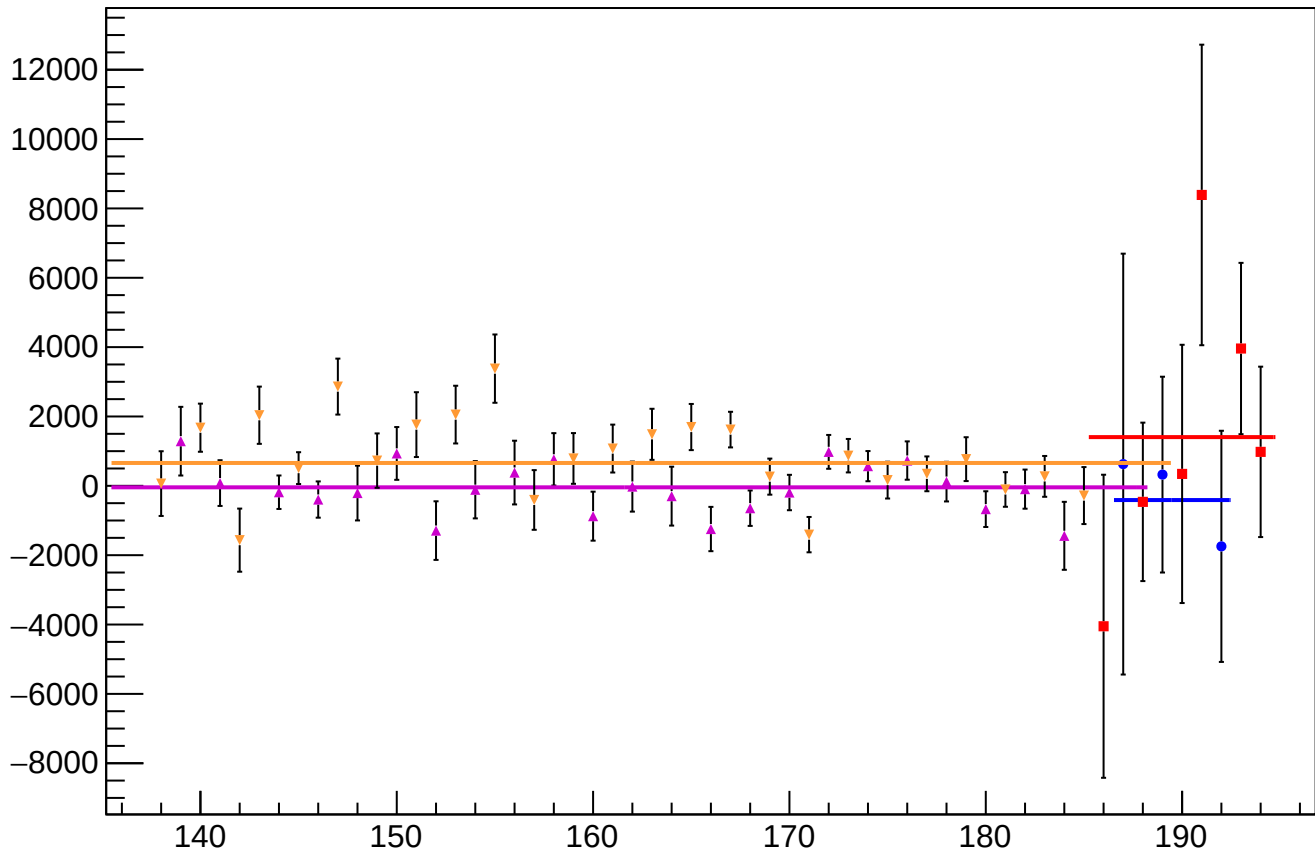
Left In: 527.182 $\pm$ 0.091 χ^2 /NDF:1813383.7/22

+ sign 537.770 $\pm$ 0.090 χ^2 /NDF: 3193956.2/27

All: 542.085 $\pm$ 0.064 χ^2 /NDF: 8954755.9/56

- sign 546.437 $\pm$ 0.091 χ^2 /NDF: 5756227.6/28

asym_sam_37_avg_mean vs Slug



Right In: -410.139 ± 2030.250 $\chi^2/\text{NDF}: 0.3/2$

Left Out: 659.523 ± 128.164 $\chi^2/\text{NDF}: 62.4/24$

Right Out: 1405.123 ± 1196.238 $\chi^2/\text{NDF}: 6.0/5$

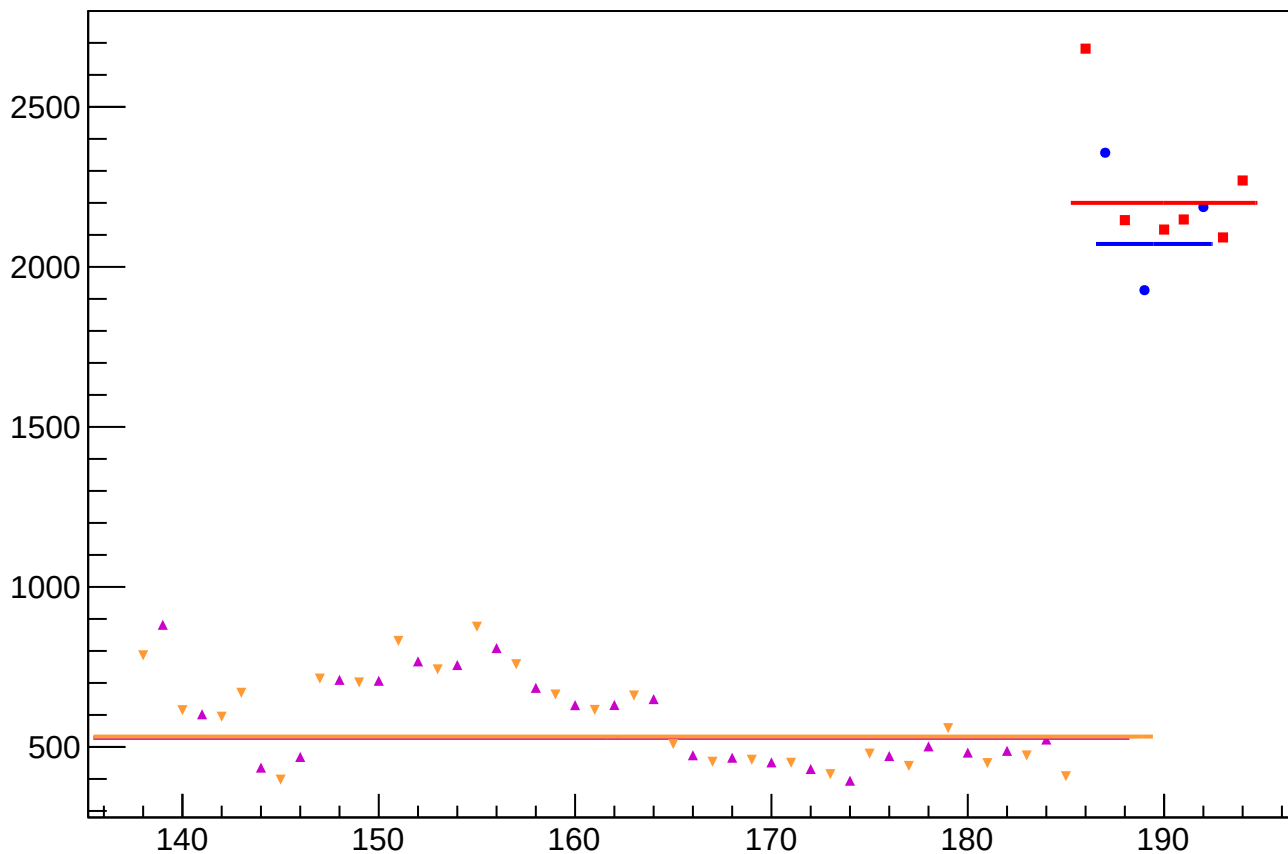
Left In: -43.183 ± 129.538 $\chi^2/\text{NDF}: 26.0/22$

+ sign 655.277 ± 127.910 $\chi^2/\text{NDF}: 63.0/27$

All: 316.765 ± 90.754 $\chi^2/\text{NDF}: 110.6/56$

- sign -26.397 ± 128.785 $\chi^2/\text{NDF}: 33.5/28$

asym_sam_37_avg_rms vs Slug



Right In: 2071.694 $\pm$ 1.436 χ^2/NDF : 12038.6/2

Left Out: 532.393 $\pm$ 0.091 χ^2/NDF : 1943066.8/24

Right Out: 2200.091 $\pm$ 0.846 χ^2/NDF : 32165.1/5

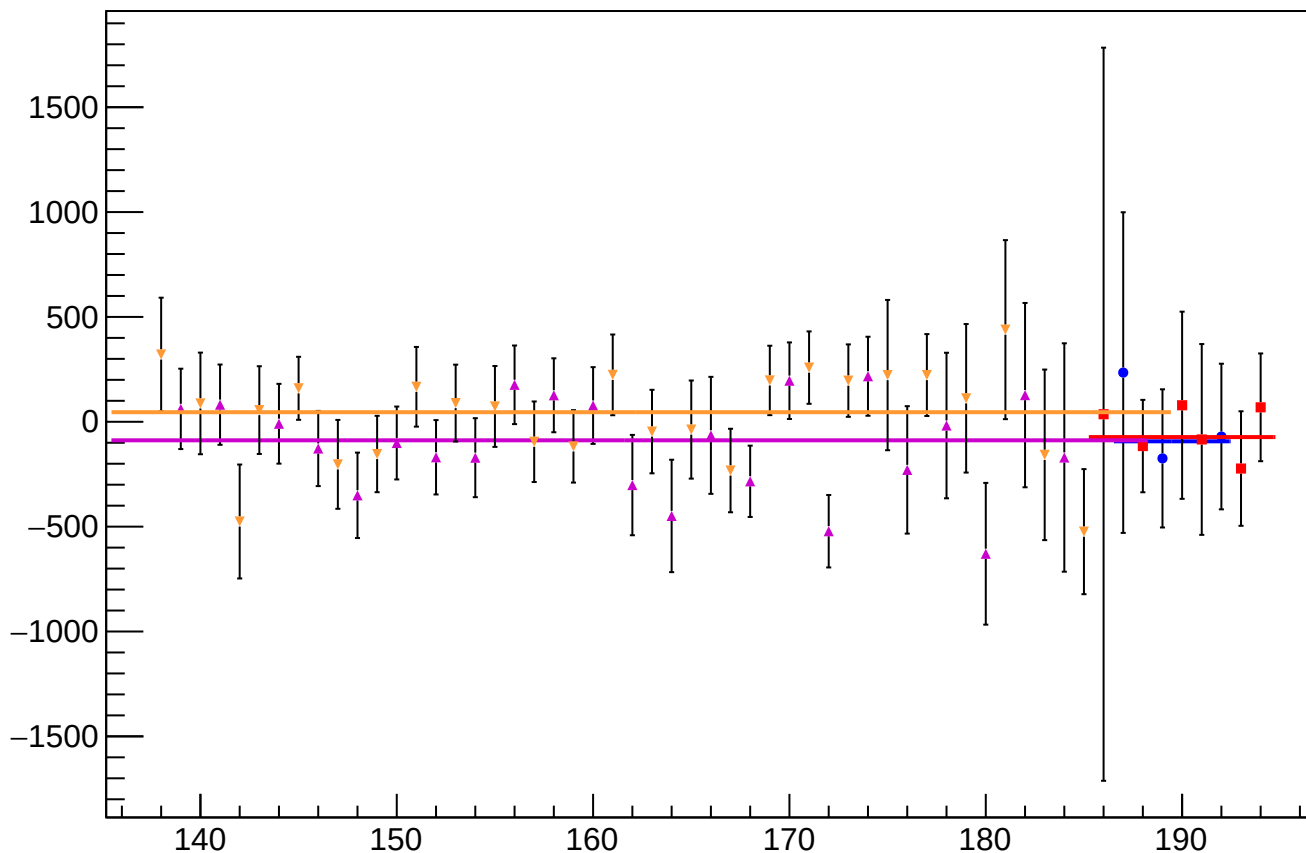
Left In: 528.464 $\pm$ 0.092 χ^2/NDF : 1712049.5/22

+ sign 538.502 $\pm$ 0.090 χ^2/NDF : 3100224.4/27

All: 543.139 $\pm$ 0.064 χ^2/NDF : 8709936.7/56

- sign 547.839 $\pm$ 0.091 χ^2/NDF : 5604420.5/28

dit_asym_sam_48_avg_mean vs Slug



Right In: -93.131 ± 228.107 χ^2/NDF : 0.2/2

Left Out: 45.675 ± 41.779 χ^2/NDF : 21.9/24

Right Out: -72.968 ± 129.800 χ^2/NDF : 0.8/5

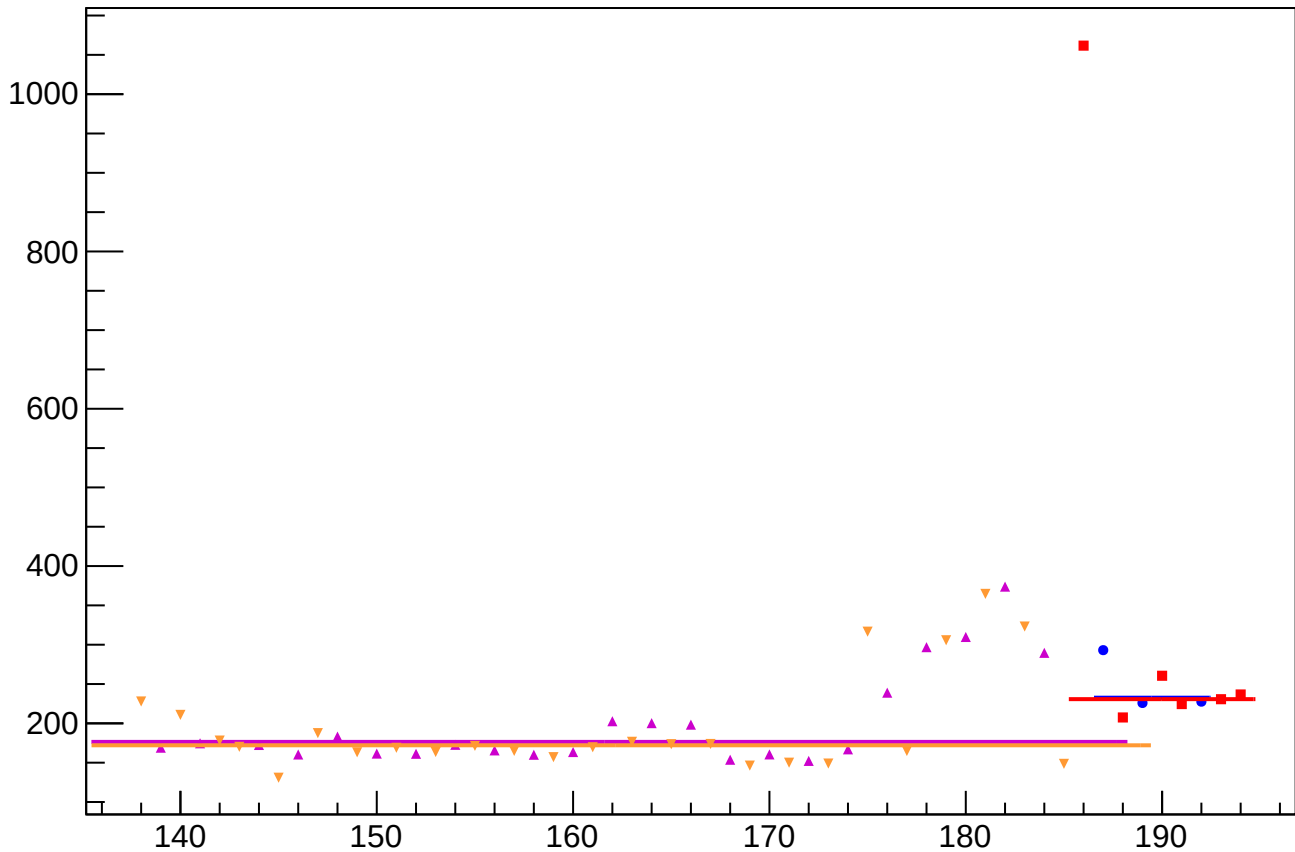
Left In: -88.356 ± 43.518 χ^2/NDF : 26.4/22

+ sign 41.170 ± 41.095 χ^2/NDF : 22.5/27

All: -22.558 ± 29.117 χ^2/NDF : 54.5/56

- sign -86.801 ± 41.261 χ^2/NDF : 27.1/28

dit_asym_sam_48_avg_rms vs Slug



Right In: 232.618 ± 0.161 χ^2/NDF : 13757.7/2

Left Out: 172.097 ± 0.030 χ^2/NDF : 1752497.1/24

Right Out: 230.781 ± 0.092 χ^2/NDF : 484675.2/5

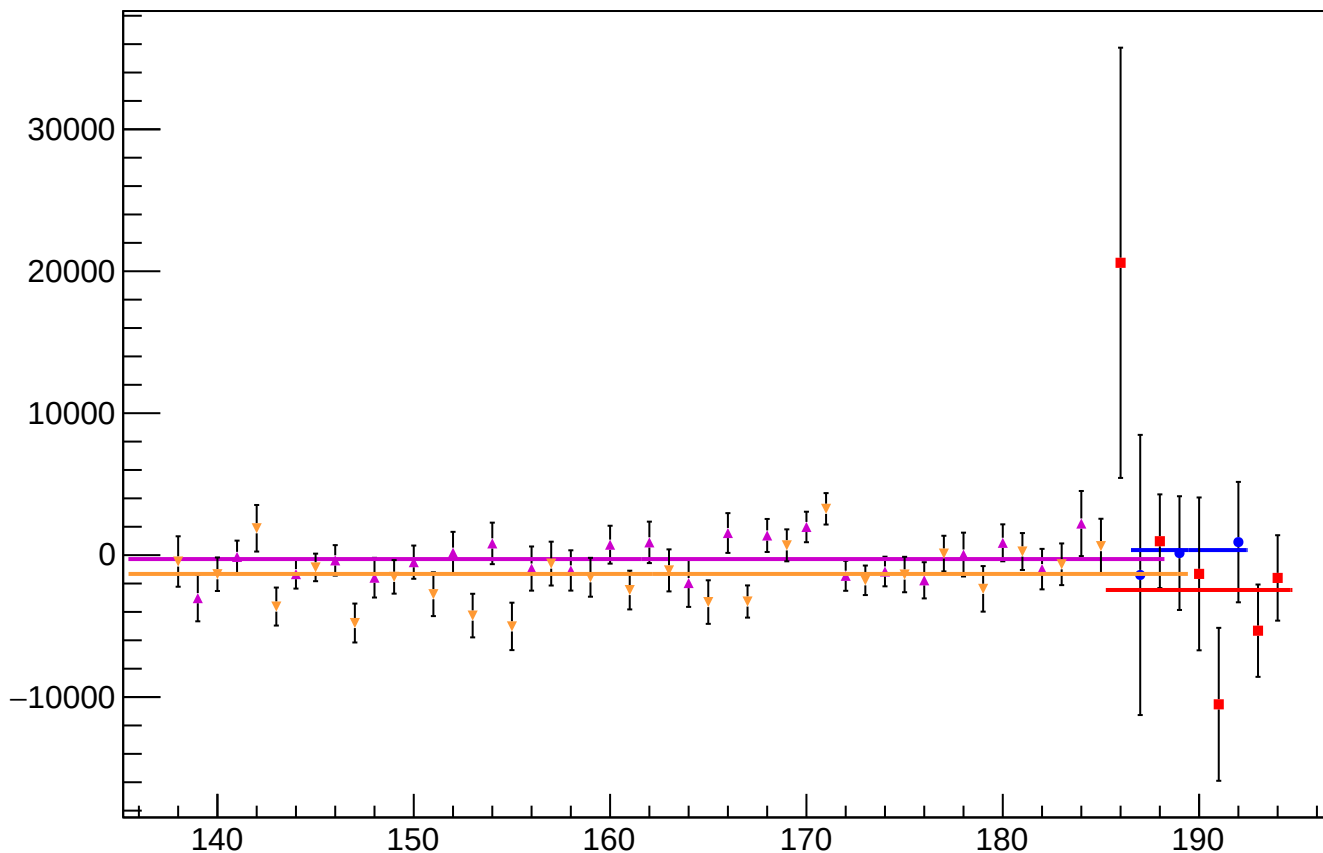
Left In: 176.425 ± 0.031 χ^2/NDF : 1360607.7/22

+ sign 174.061 ± 0.029 χ^2/NDF : 1902475.0/27

All: 177.973 ± 0.021 χ^2/NDF : 4099452.4/56

- sign 181.917 ± 0.029 χ^2/NDF : 2160576.9/28

asym_sam_48_avg_correction_mean vs Slug



Right In: 356.413 ± 2793.484 χ^2/NDF : 0.1/2

Left Out: -1324.367 ± 265.950 χ^2/NDF : 53.6/24

Right Out: -2454.879 ± 1643.836 χ^2/NDF : 6.5/5

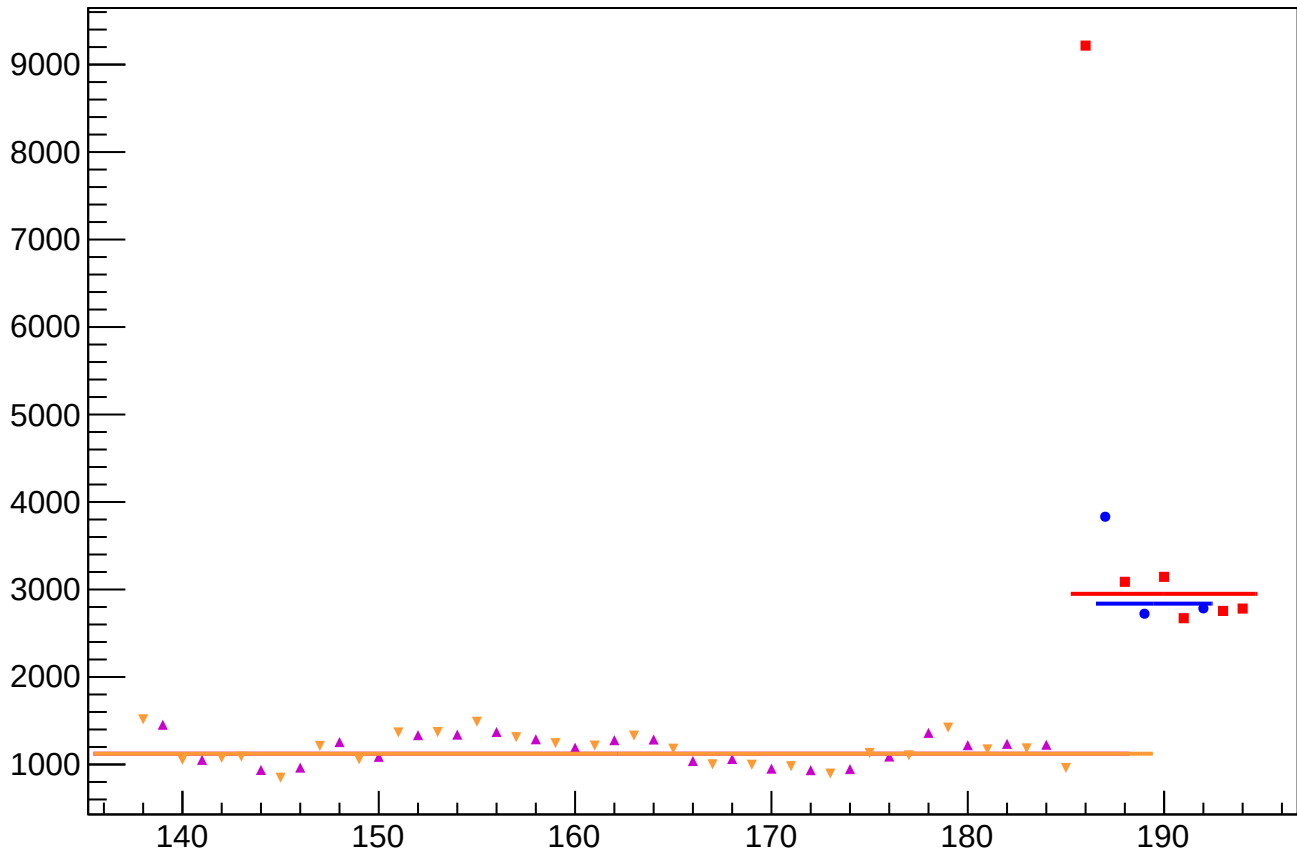
Left In: -276.678 ± 270.547 χ^2/NDF : 22.0/22

+ sign -1309.269 ± 264.753 χ^2/NDF : 54.0/27

All: -825.736 ± 187.982 χ^2/NDF : 91.0/56

- sign -334.124 ± 266.955 χ^2/NDF : 30.3/28

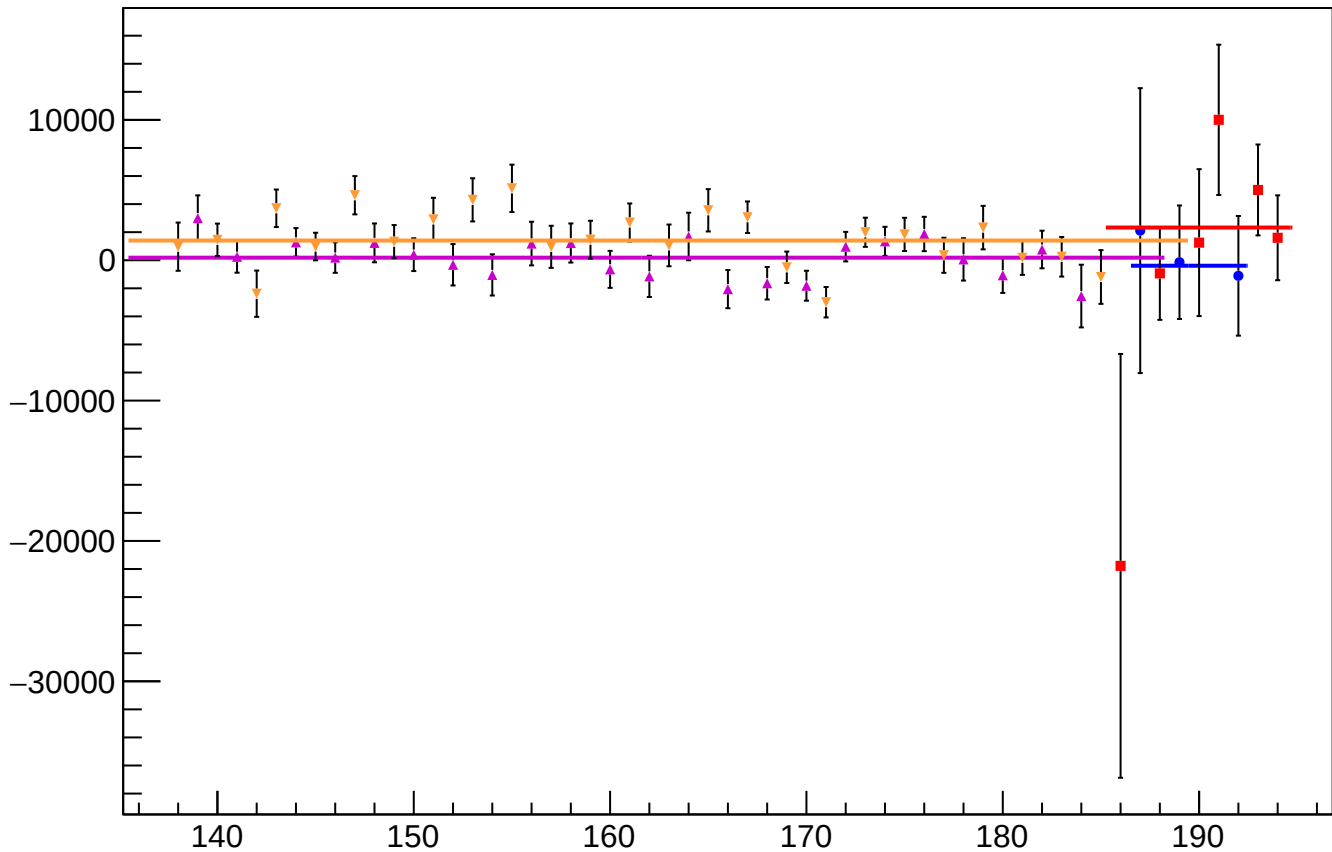
asym_sam_48_avg_correction_rms vs Slug



Right In: 2838.298+/-1.975 χ^2/NDF : 22249.5/2
 Left Out: 1123.022+/-0.188 χ^2/NDF : 842393.5/24
 Right Out: 2950.280+/-1.162 χ^2/NDF : 366775.6/5
 Left In: 1123.148+/-0.191 χ^2/NDF : 689778.4/22

+ sign 1138.429+/-0.187 χ^2/NDF : 1611929.2/27
 All: 1154.746+/-0.133 χ^2/NDF : 5089525.4/50
 - sign 1171.335+/-0.189 χ^2/NDF : 3462276.6/28

asym_sam_48_avg_mean vs Slug



Right In: -390.454 ± 2818.376 χ^2/NDF : 0.1/2

Left Out: 1404.763 ± 262.517 χ^2/NDF : 53.1/24

Right Out: 2330.342 ± 1639.863 χ^2/NDF : 6.4/5

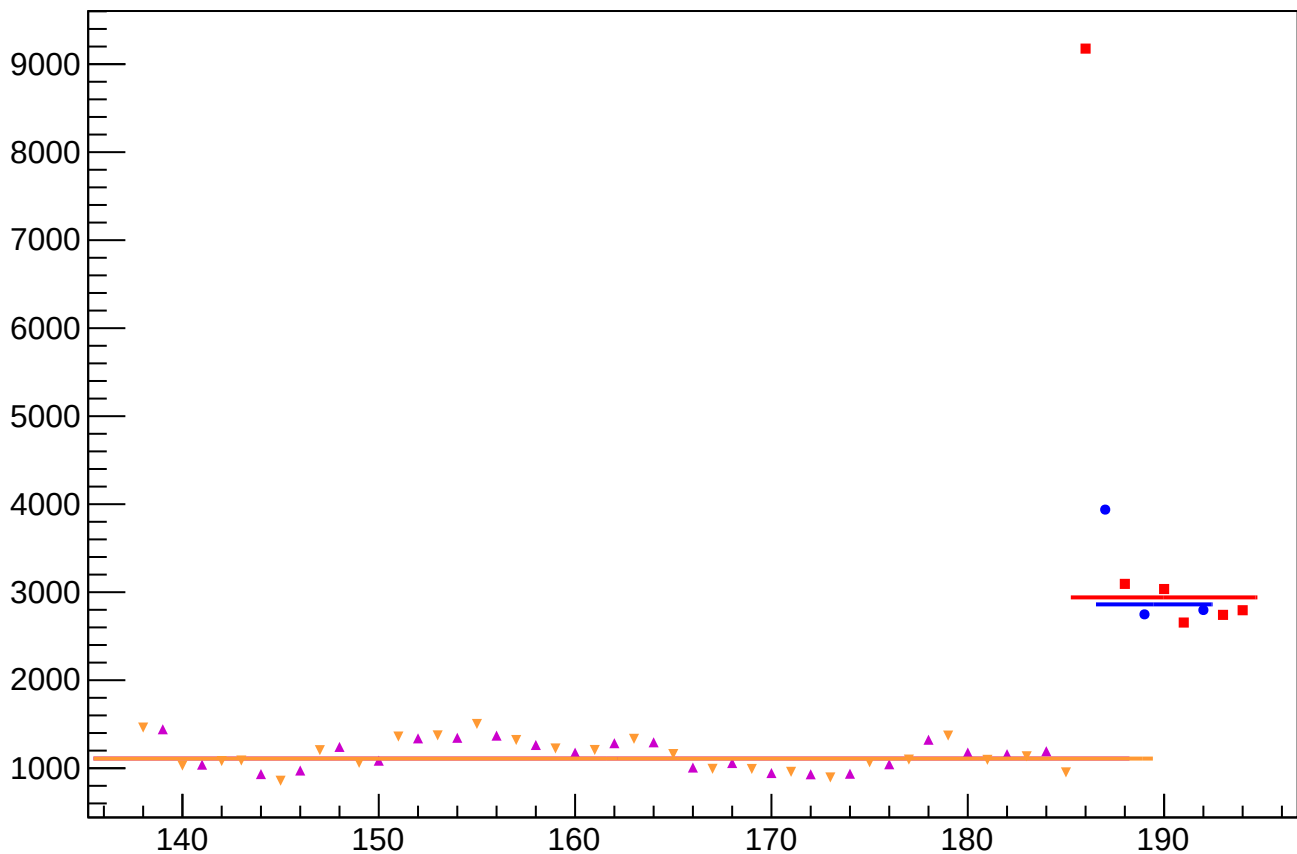
Left In: 183.249 ± 267.620 χ^2/NDF : 23.7/22

+ sign 1389.322 ± 261.386 χ^2/NDF : 53.6/27

All: 820.134 ± 185.789 χ^2/NDF : 94.9/56

- sign 238.949 ± 264.126 χ^2/NDF : 31.7/28

asym_sam_48_avg_rms vs Slug



Right In: 2861.615+/-1.993 χ^2/NDF : 24529.4/2

Left Out: 1109.574+/-0.186 χ^2/NDF : 812957.8/24

Right Out: 2940.951+/-1.160 χ^2/NDF : 363898.7/5

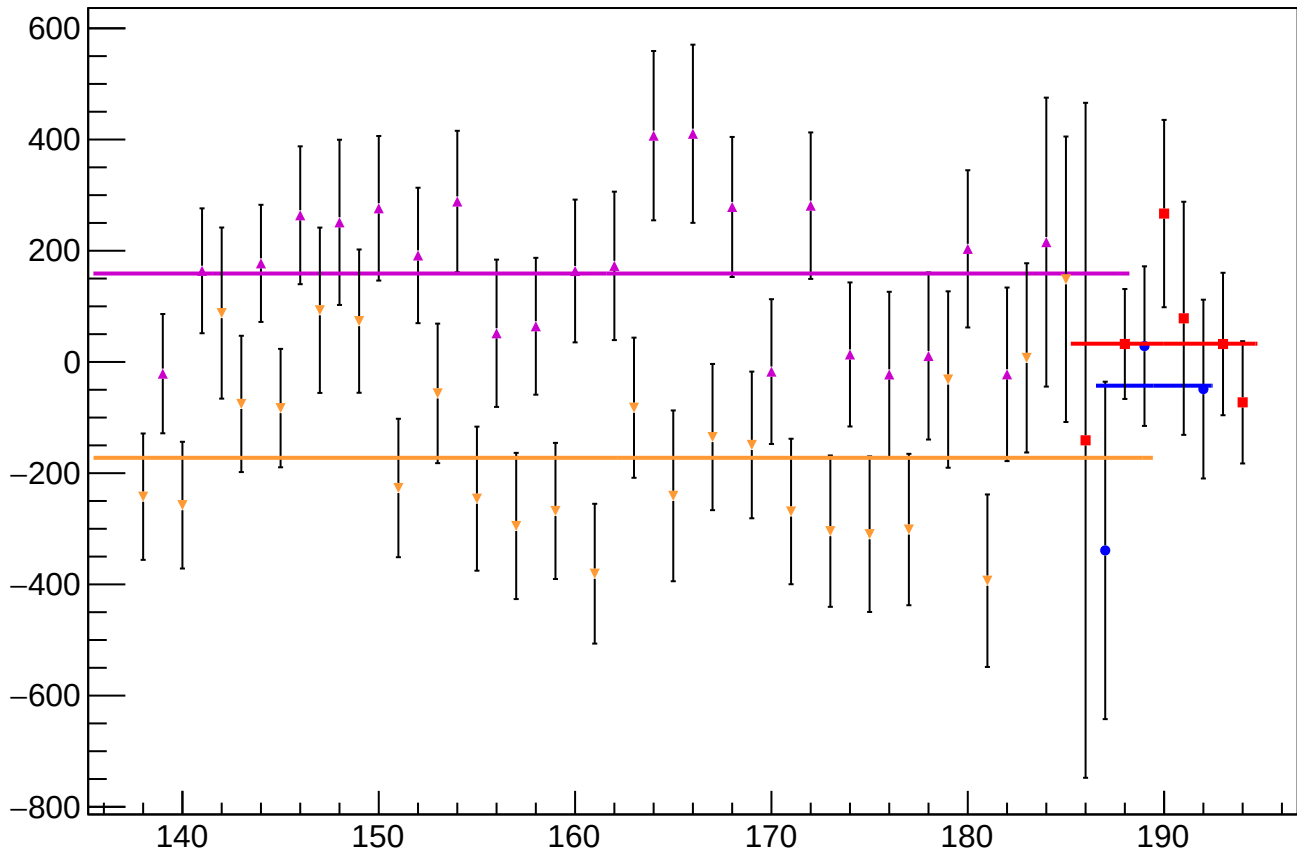
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 1124.644+/-0.185 χ^2/NDF : 1603734.4/27

All: 1140.978+/-0.131 χ^2/NDF : 5084799.4/56

- sign 1157.657+/-0.187 χ^2/NDF : 3465280.1/28

dit_asym_sam_15_dd_mean vs Slug



Right In: -42.663 $\pm$ 100.954 χ^2/NDF : 1.2/2

Left Out: -172.357 $\pm$ 26.709 χ^2/NDF : 27.2/24

Right Out: 32.837 $\pm$ 57.096 χ^2/NDF : 3.0/5

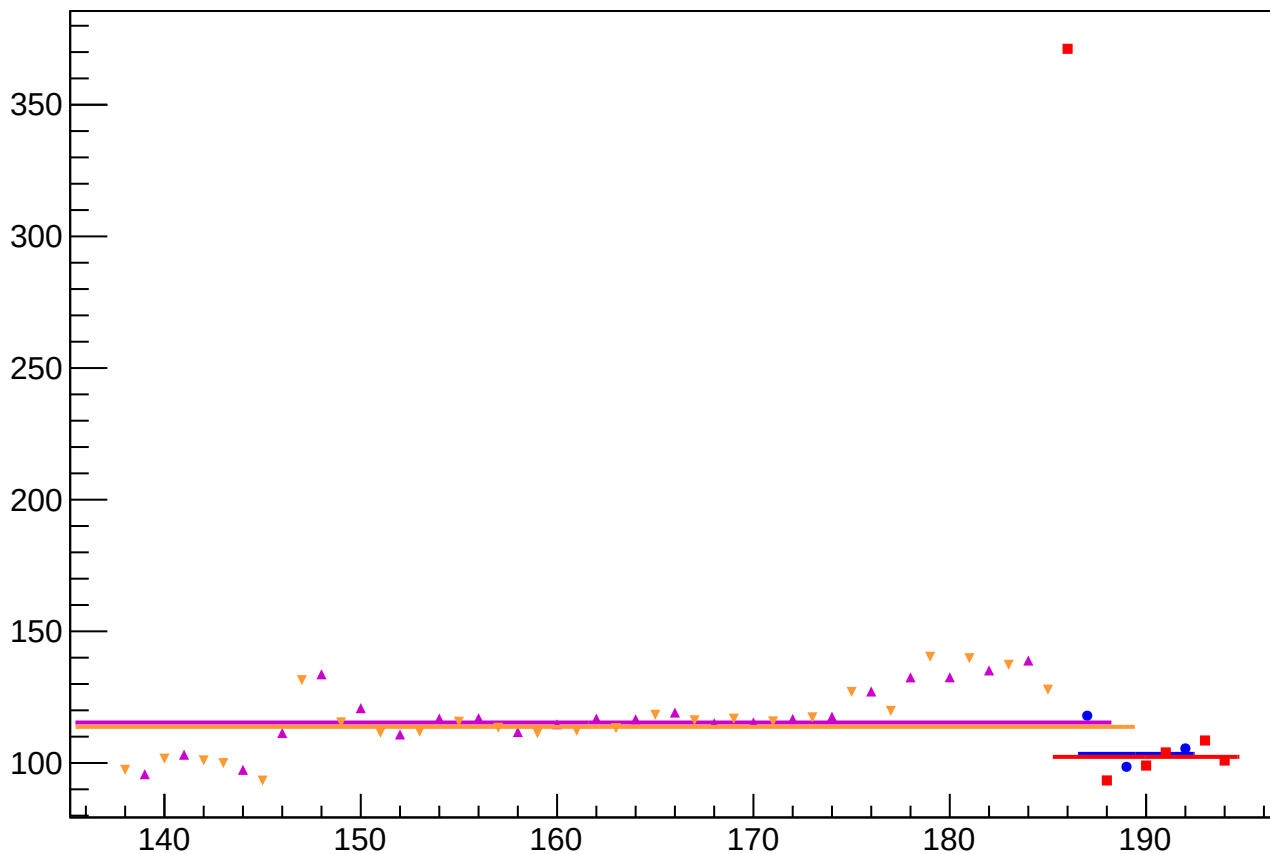
Left In: 159.044 $\pm$ 27.608 χ^2/NDF : 21.1/22

+ sign -163.873 $\pm$ 25.821 χ^2/NDF : 30.0/27

All: -8.675 $\pm$ 17.907 χ^2/NDF : 127.6/56

- sign 135.128 $\pm$ 24.855 χ^2/NDF : 28.0/28

dit_asym_sam_15_dd_rms vs Slug



Right In: 103.458 $\pm$ 0.071 χ^2 /NDF: 7237.7/2

Left Out: 113.727 $\pm$ 0.019 χ^2 /NDF: 392153.8/24

Right Out: 102.323 $\pm$ 0.040 χ^2 /NDF: 415002.8/5

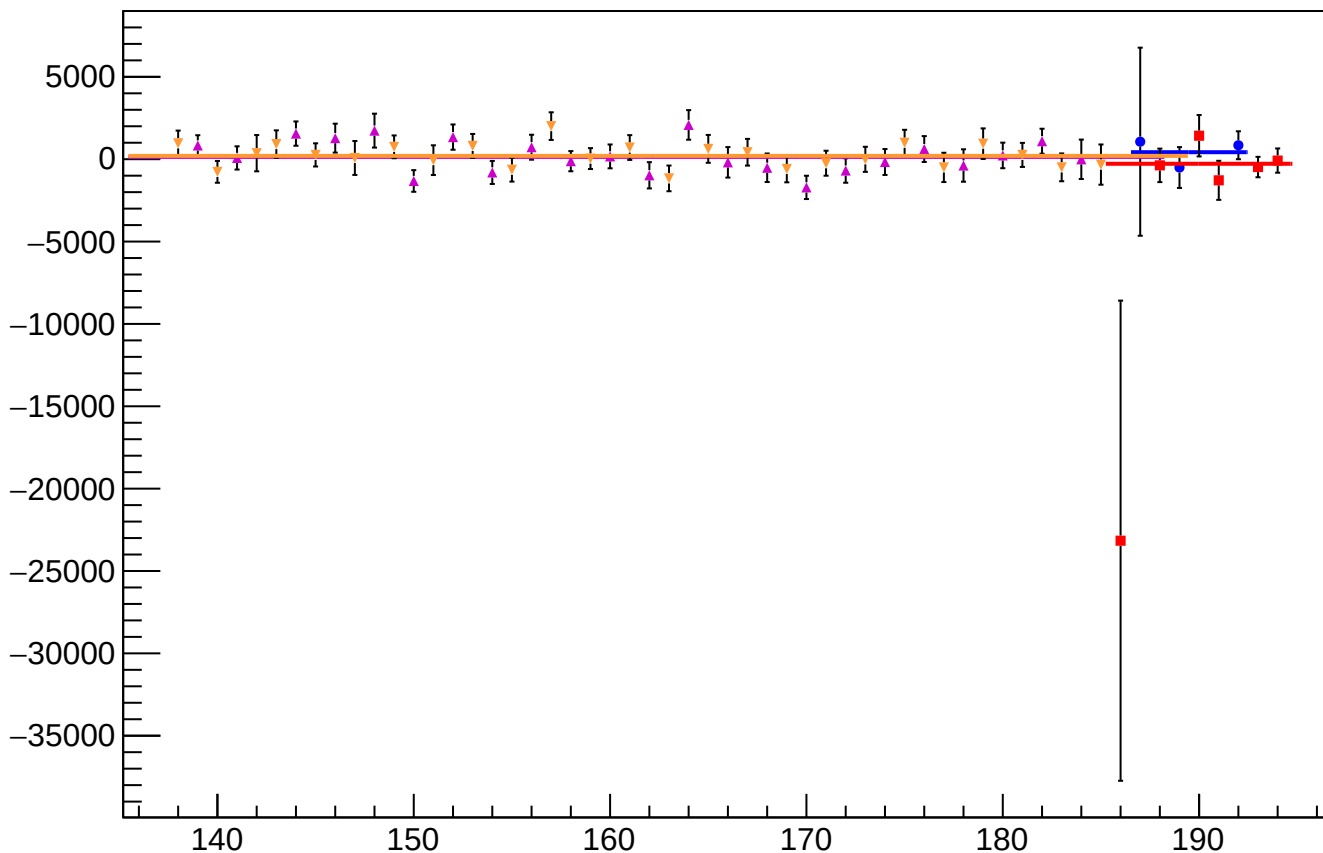
Left In: 115.377 $\pm$ 0.020 χ^2 /NDF: 309034.7/22

+ sign 113.055 $\pm$ 0.018 χ^2 /NDF: 418732.7/27

All: 112.976 $\pm$ 0.013 χ^2 /NDF: 1227537.6/56

- sign 112.903 $\pm$ 0.018 χ^2 /NDF: 808768.7/28

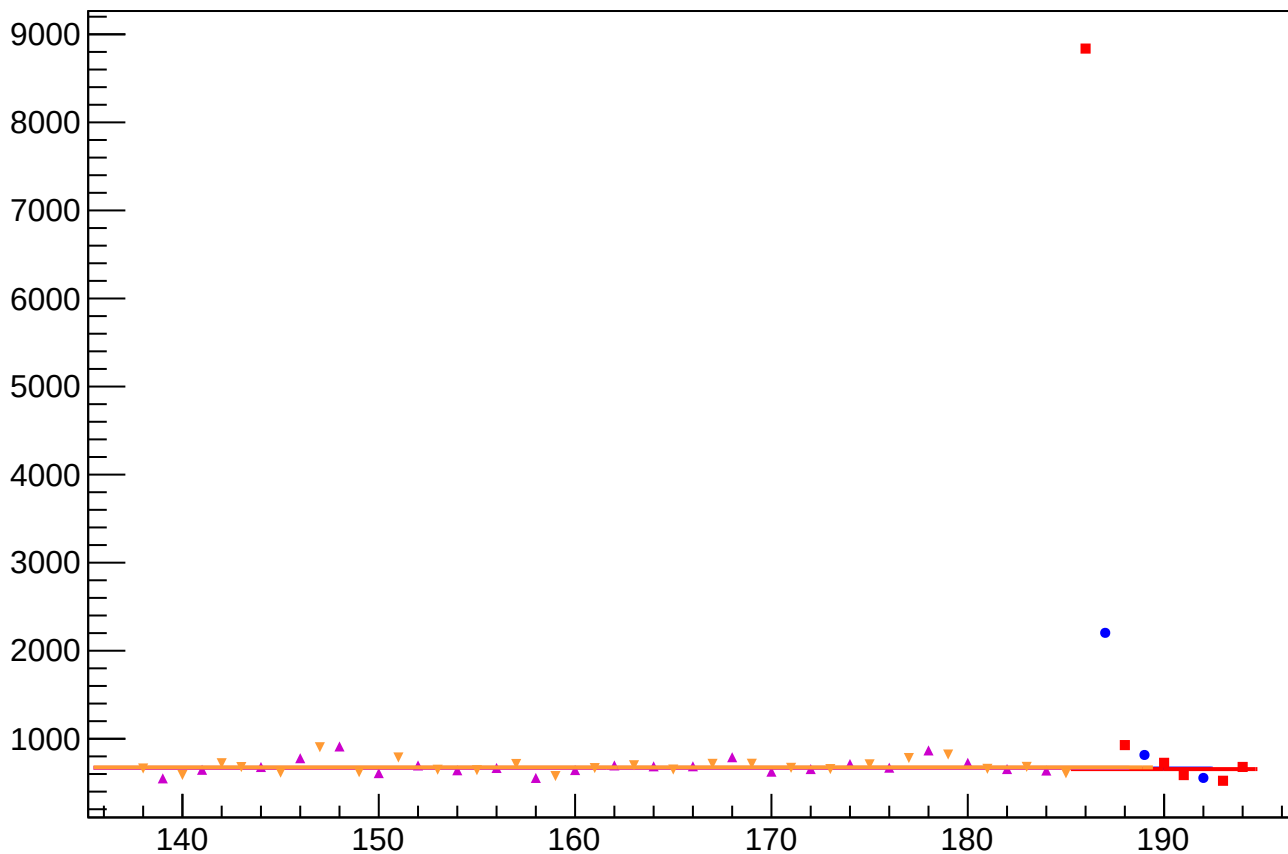
asym_sam_15_dd_correction_mean vs Slug



Right In: 425.005 ± 694.844 χ^2/NDF : 0.8/2
Left Out: 202.466 ± 159.030 χ^2/NDF : 19.8/24
Right Out: -276.885 ± 384.685 χ^2/NDF : 5.2/5
Left In: 140.039 ± 161.024 χ^2/NDF : 36.9/22

+ sign 213.543 ± 155.021 χ^2/NDF : 20.7/27
All: 142.814 ± 107.250 χ^2/NDF : 64.2/56
- sign 77.879 ± 148.536 χ^2/NDF : 43.1/28

asym_sam_15_dd_correction_rms vs Slug



Right In: 661.955 $\pm$ 0.491 χ^2 /NDF: 208247.4/2

Left Out: 675.335 $\pm$ 0.112 χ^2 /NDF: 358713.6/24

Right Out: 655.725 $\pm$ 0.272 χ^2 /NDF: 880508.0/5

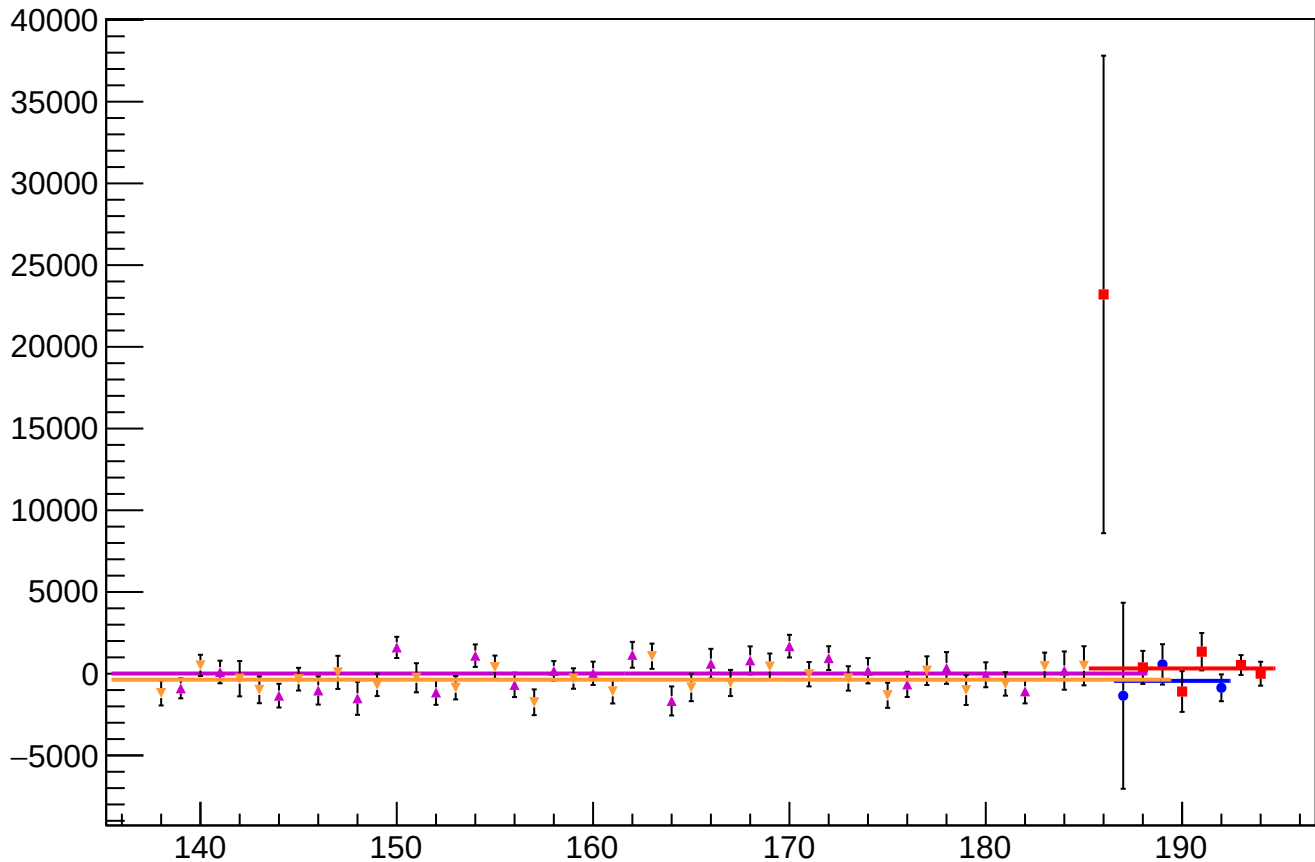
Left In: 669.938 $\pm$ 0.114 χ^2 /NDF: 464085.7/22

+ sign 674.669 $\pm$ 0.110 χ^2 /NDF: 567665.7/27

All: 671.097 $\pm$ 0.076 χ^2 /NDF: 1916618.3/56

- sign 667.819 $\pm$ 0.105 χ^2 /NDF: 1346916.7/28

asym_sam_15_dd_mean vs Slug



Right In: -436.986 ± 678.834 χ^2/NDF : 1.0/2

Left Out: -365.394 ± 156.301 χ^2/NDF : 18.7/24

Right Out: 323.219 ± 378.532 χ^2/NDF : 4.9/5

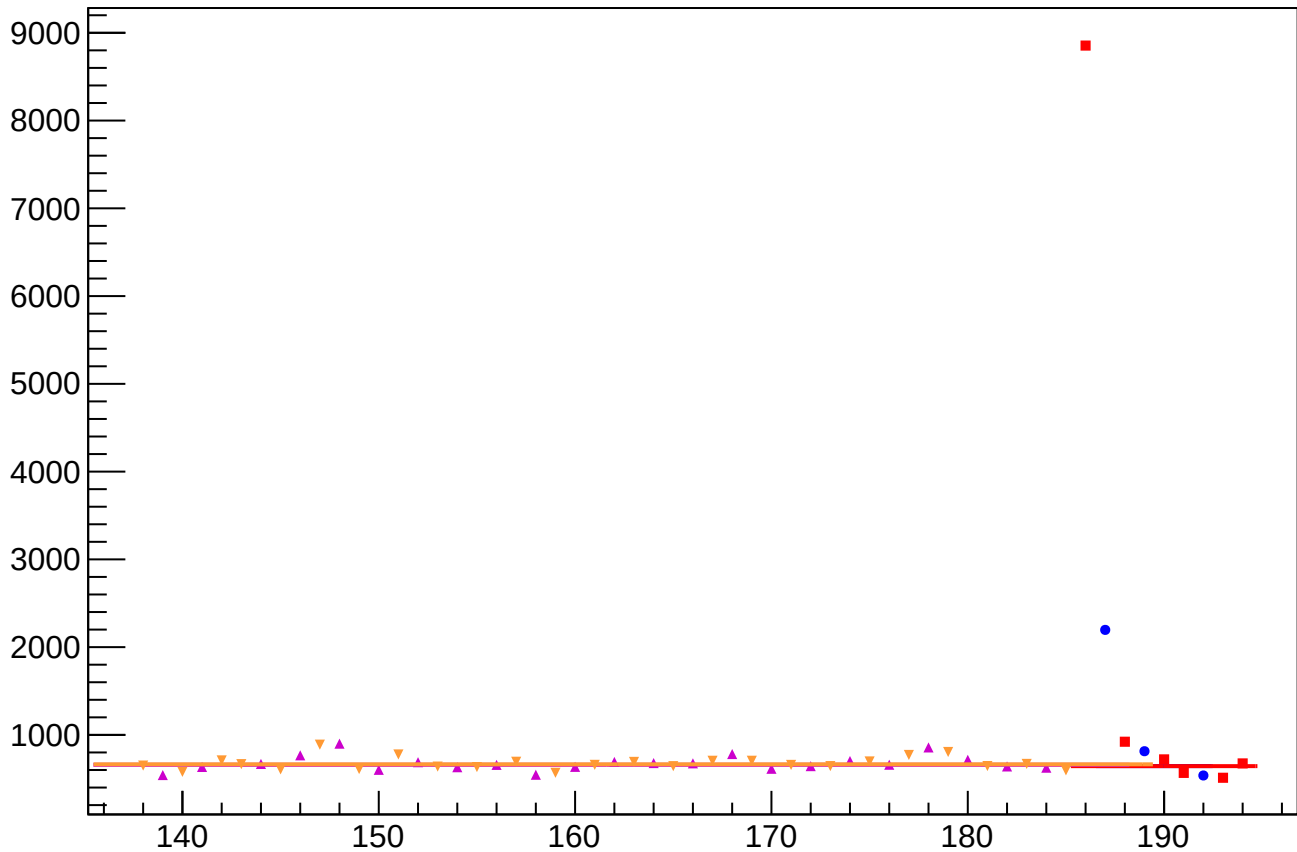
Left In: 11.243 ± 158.497 χ^2/NDF : 38.8/22

+ sign -368.998 ± 152.316 χ^2/NDF : 19.7/27

All: -146.867 ± 105.474 χ^2/NDF : 68.0/56

- sign 57.780 ± 146.198 χ^2/NDF : 44.3/28

asym_sam_15_dd_rms vs Slug



Right In: 644.696 $\pm$ 0.480 χ^2 /NDF: 220313.9/2

Left Out: 664.618 $\pm$ 0.111 χ^2 /NDF: 356964.3/24

Right Out: 644.027 $\pm$ 0.268 χ^2 /NDF: 898901.0/5

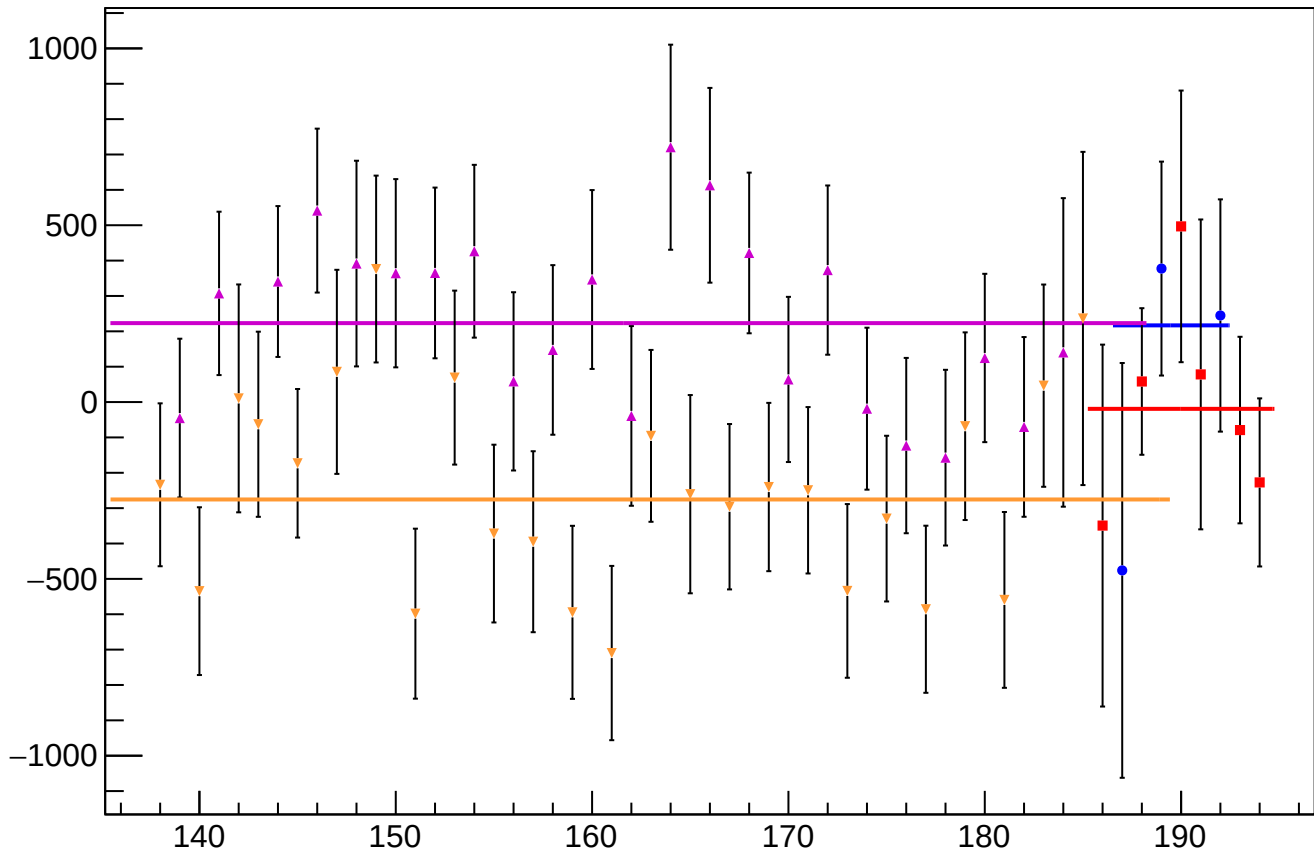
Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

+ sign 663.615 $\pm$ 0.108 χ^2 /NDF: 578914.1/27

All: 660.152 $\pm$ 0.075 χ^2 /NDF: 1955291.0/56

- sign 656.962 $\pm$ 0.103 χ^2 /NDF: 1374390.9/28

dit_asym_sam_26_dd_mean vs Slug



Right In: 216.842 $\pm$ 208.004 χ^2 /NDF: 1.7/2

Left Out: -275.447 $\pm$ 50.539 χ^2 /NDF:27.3/24

Right Out: -19.190 $\pm$ 118.531 χ^2 /NDF: 3.2/5

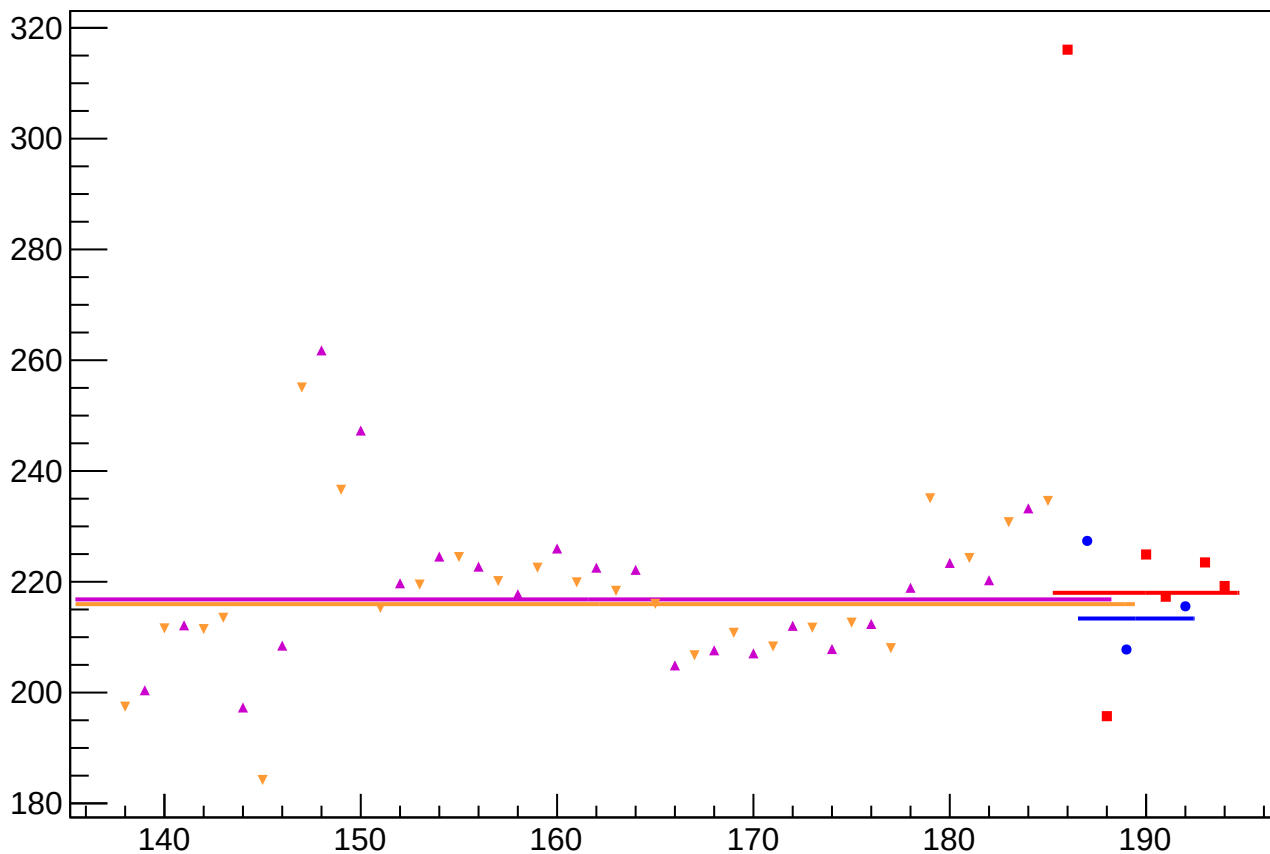
Left In: 223.195 $\pm$ 51.742 χ^2 /NDF:20.8/22

+ sign -248.004 $\pm$ 49.111 χ^2 /NDF: 34.3/27

All: -24.234 $\pm$ 34.113 χ^2 /NDF: 101.9/56

- sign 184.400 $\pm$ 47.420 χ^2 /NDF: 27.5/28

dit_asym_sam_26_dd_rms vs Slug



Right In: 213.371+/-0.147 χ^2/NDF : 1916.3/2

Left Out: 215.963+/-0.036 χ^2/NDF :144735.1/24

Right Out: 218.008+/-0.084 χ^2/NDF : 98109.4/5

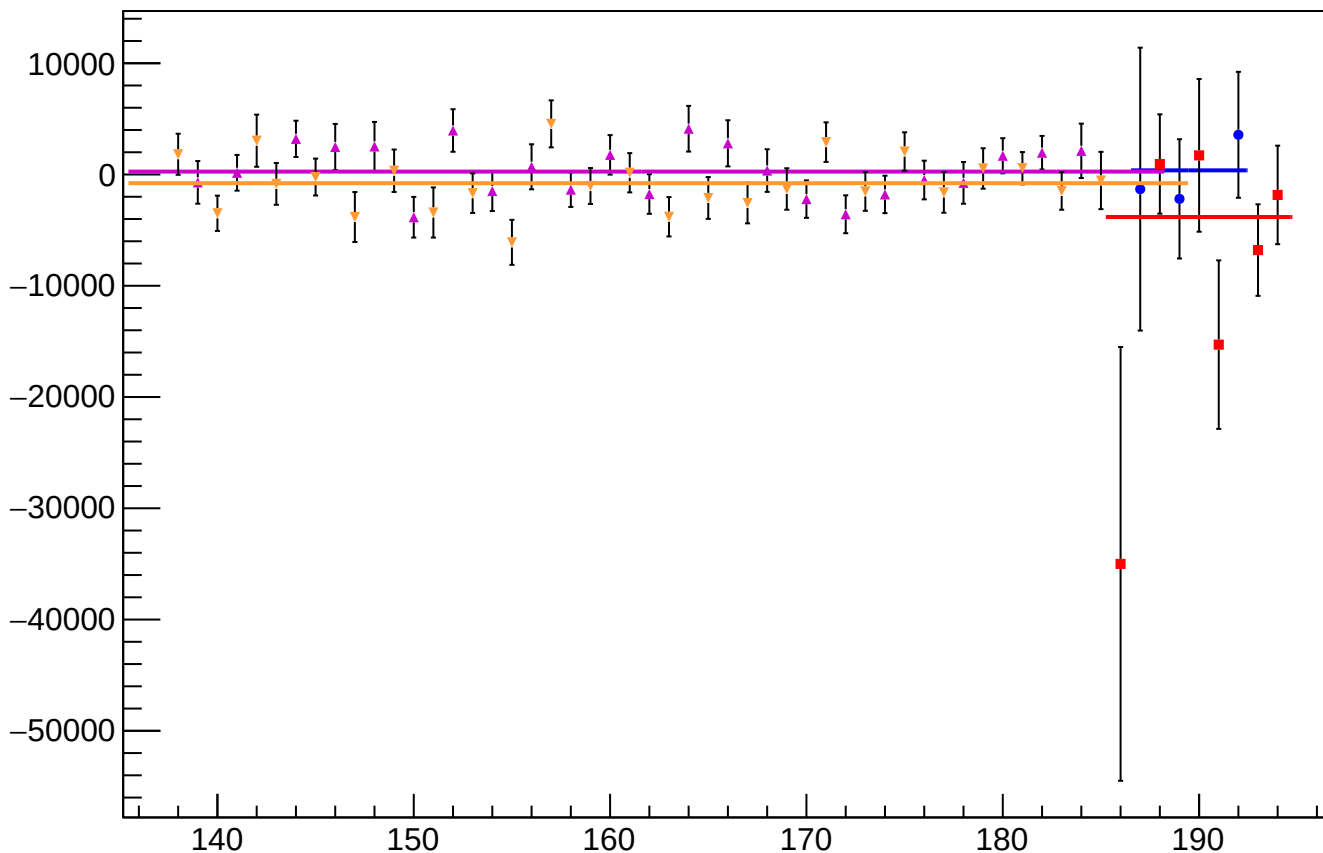
Left In: 216.821+/-0.037 χ^2/NDF :132518.8/22

+ sign 215.819+/-0.035 χ^2/NDF : 146944.8/27

All: 216.436+/-0.024 χ^2/NDF : 378351.6/56

- sign 217.011+/-0.034 χ^2/NDF : 230796.6/28

asym_sam_26_dd_correction_mean vs Slug



Right In: 373.472 ± 3721.445 χ^2/NDF : 0.6/2

Left Out: -779.146 ± 366.965 χ^2/NDF : 38.5/24

Right Out: -3819.816 ± 2227.331 χ^2/NDF : 7.4/5

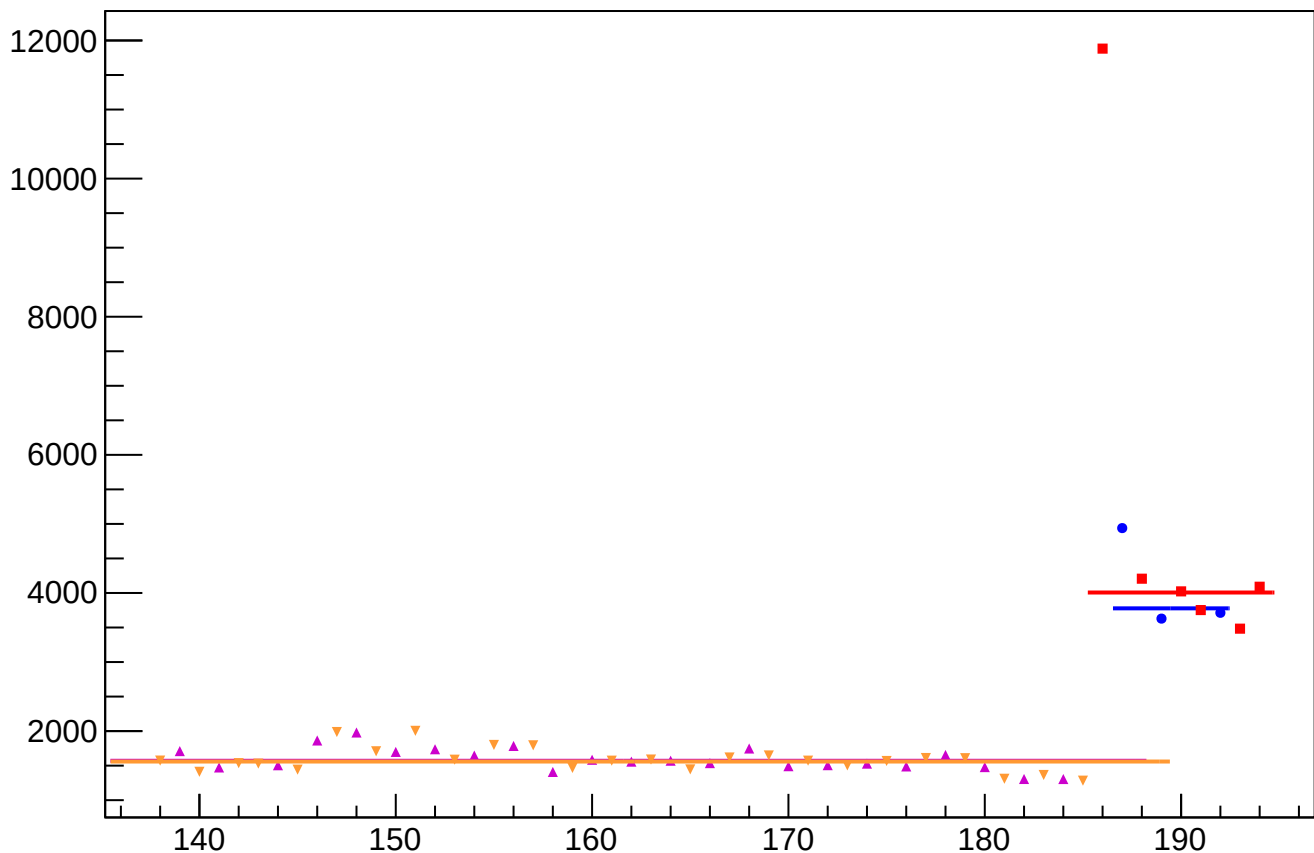
Left In: 261.815 ± 376.203 χ^2/NDF : 35.4/22

+ sign -768.046 ± 365.194 χ^2/NDF : 39.1/27

All: -316.887 ± 260.242 χ^2/NDF : 88.3/56

- sign 148.603 ± 370.949 χ^2/NDF : 46.1/28

asym_sam_26_dd_correction_rms vs Slug



Right In: 3777.437+/-2.631 χ^2/NDF : 18508.1/2

Left Out: 1559.504+/-0.259 χ^2/NDF : 379160.1/24

Right Out: 4006.776+/-1.575 χ^2/NDF : 365794.0/5

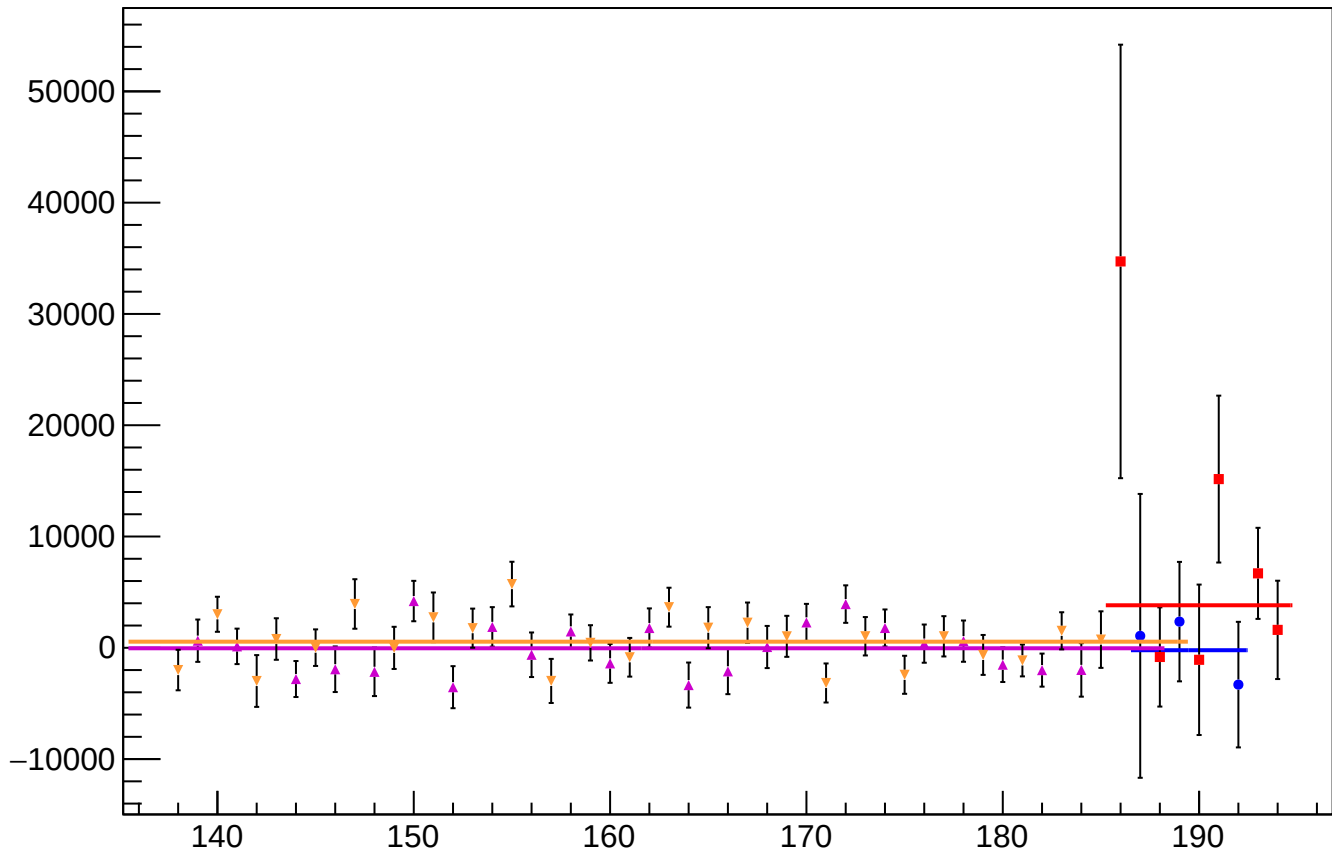
Left In: 1570.331+/-0.266 χ^2/NDF : 329434.5/22

+ sign 1580.863+/-0.258 χ^2/NDF : 1101227.9/27

All: 1608.941+/-0.184 χ^2/NDF : 4147268.2/56

- sign 1637.910+/-0.262 χ^2/NDF : 3022020.1/28

asym_sam_26_dd_mean vs Slug



Right In: -217.377 ± 3719.776 χ^2/NDF : 0.5/2

Left Out: 550.093 ± 362.172 χ^2/NDF : 35.6/24

Right Out: 3821.022 ± 2216.192 χ^2/NDF : 7.2/5

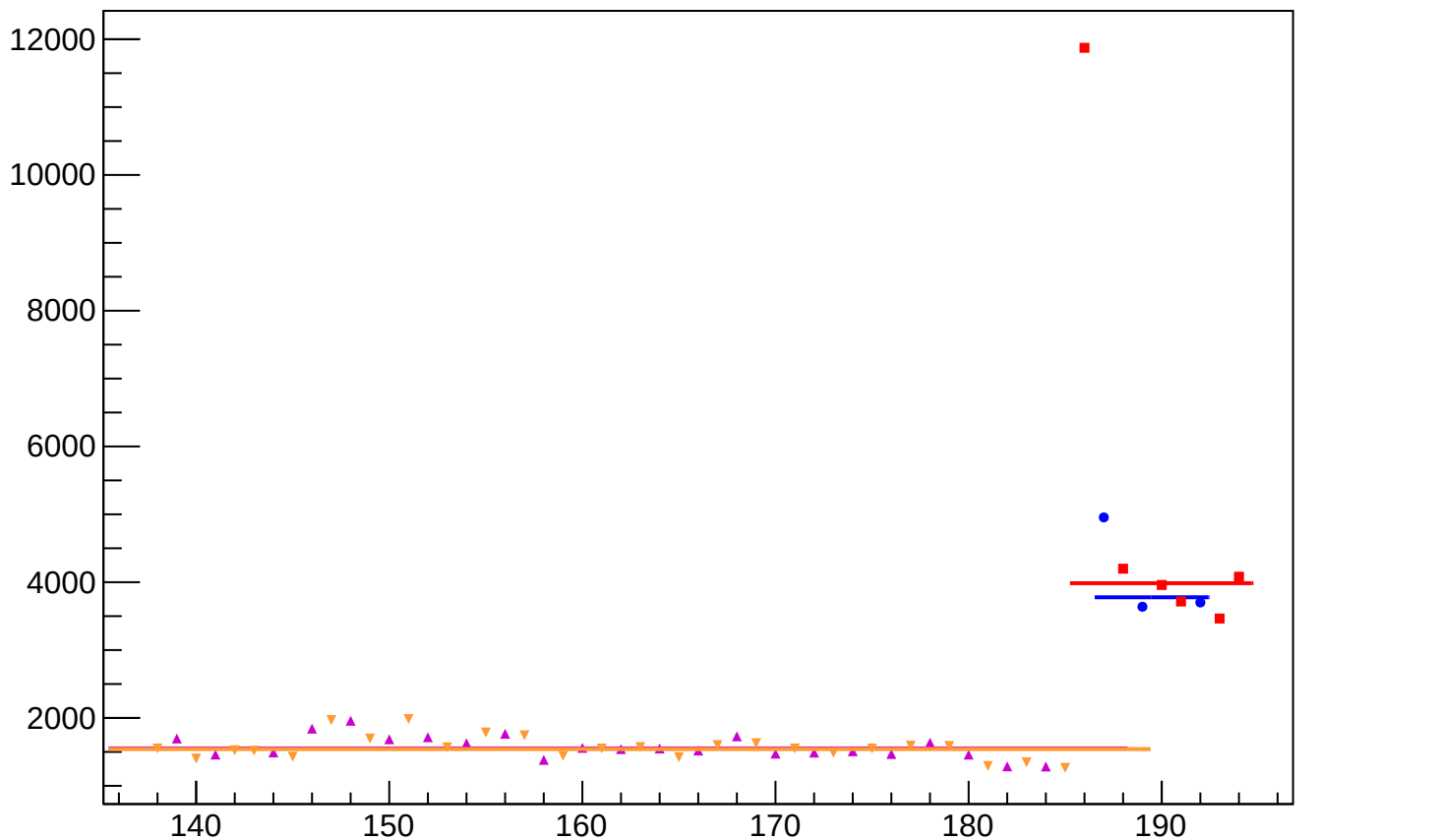
Left In: -43.949 ± 371.765 χ^2/NDF : 33.5/22

+ sign 542.886 ± 360.468 χ^2/NDF : 36.1/27

All: 306.445 ± 257.044 χ^2/NDF : 80.6/56

- sign 61.834 ± 366.643 χ^2/NDF : 43.6/28

asym_sam_26_dd_rms vs Slug



Right In: 3777.714+/-2.630 χ^2/NDF : 18742.6/2

Left Out: 1541.149+/-0.256 χ^2/NDF : 382077.8/24

Right Out: 3985.428+/-1.567 χ^2/NDF : 368465.0/5

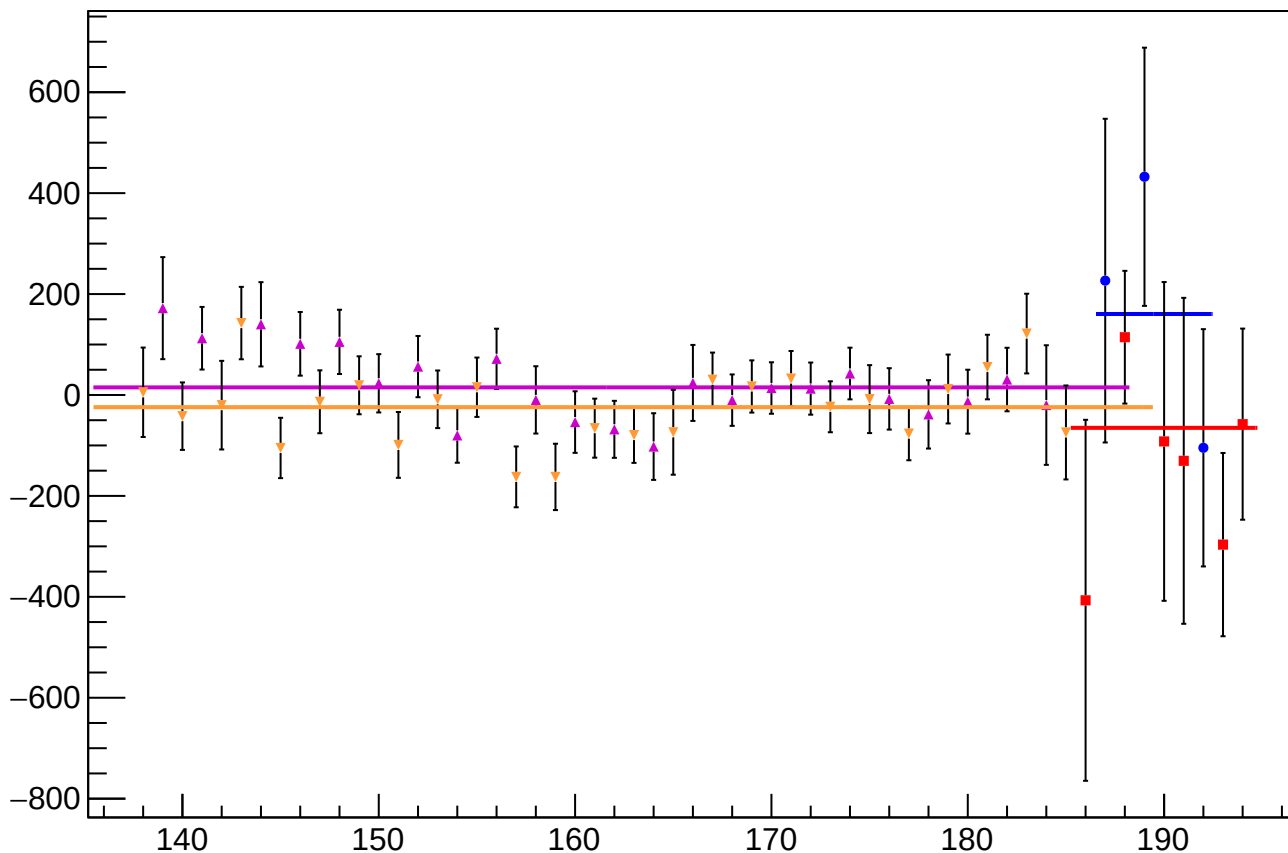
Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

+ sign 1562.152+/-0.255 χ^2/NDF : 1117065.7/27

All: 1589.649+/-0.182 χ^2/NDF : 4194522.2/56

- sign 1618.097+/-0.259 χ^2/NDF : 3053777.5/28

dit_asym_sam_37_dd_mean vs Slug



Right In: 160.502 ± 152.345 χ^2/NDF : 2.4/2

Left Out: -24.126 ± 12.525 χ^2/NDF : 30.7/24

Right Out: -65.124 ± 83.497 χ^2/NDF : 4.5/5

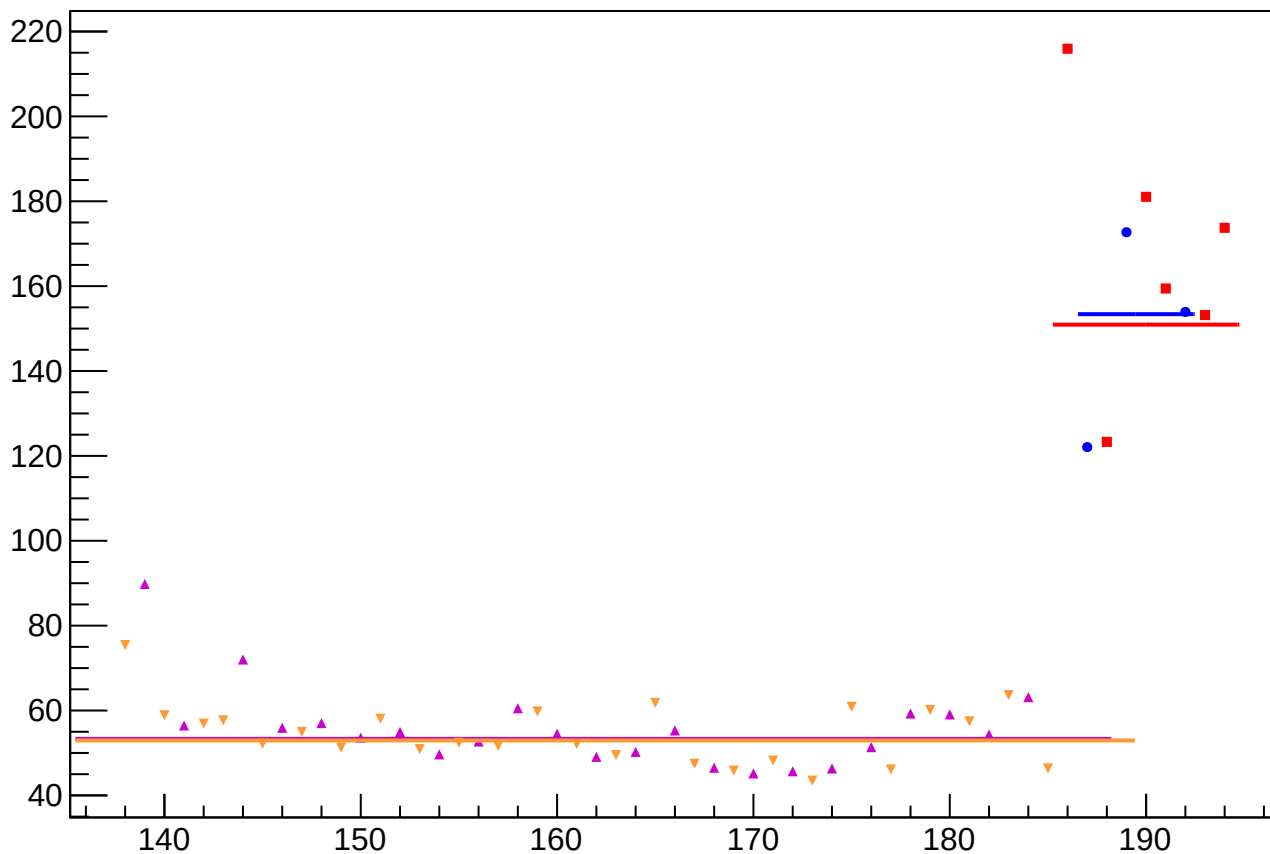
Left In: 15.058 ± 12.921 χ^2/NDF : 23.8/22

+ sign -22.887 ± 12.483 χ^2/NDF : 34.6/27

All: -5.261 ± 8.926 χ^2/NDF : 67.8/56

- sign 13.183 ± 12.769 χ^2/NDF : 29.2/28

dit_asym_sam_37_dd_rms vs Slug



Right In: 153.397 $\pm$ 0.108 χ^2 /NDF: 30469.3/2

Left Out: 52.942 $\pm$ 0.009 χ^2 /NDF: 513146.0/24

Right Out: 150.925 $\pm$ 0.059 χ^2 /NDF: 203199.7/5

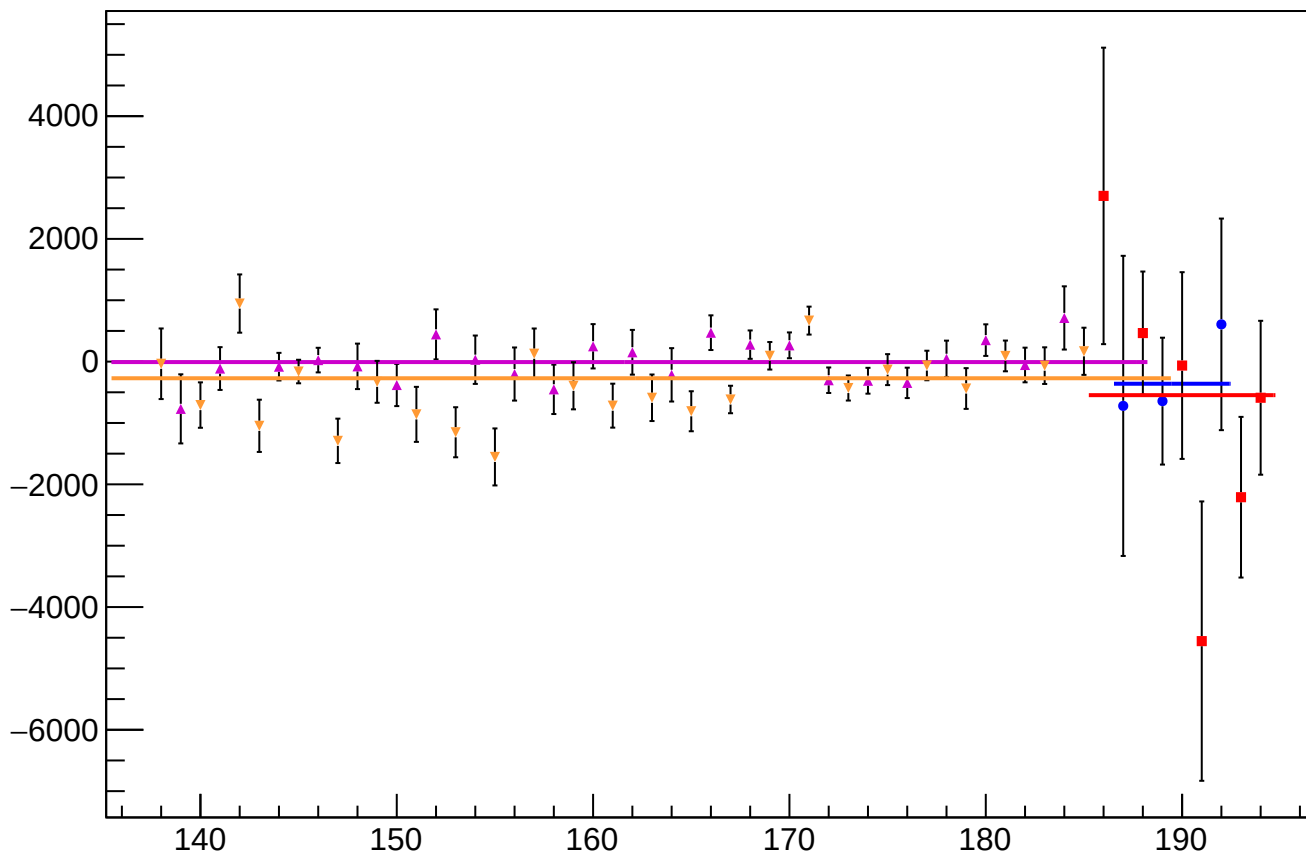
Left In: 53.312 $\pm$ 0.009 χ^2 /NDF: 644220.1/22

+ sign 53.617 $\pm$ 0.009 χ^2 /NDF: 1407376.7/27

All: 54.583 $\pm$ 0.006 χ^2 /NDF: 4948778.0/56

- sign 55.595 $\pm$ 0.009 χ^2 /NDF: 3516850.7/28

asym_sam_37_dd_correction_mean vs Slug



Right In: -360.620 ± 833.593 χ^2/NDF : 0.4/2

Left Out: -271.240 ± 60.285 χ^2/NDF : 67.7/24

Right Out: -546.585 ± 576.367 χ^2/NDF : 7.6/5

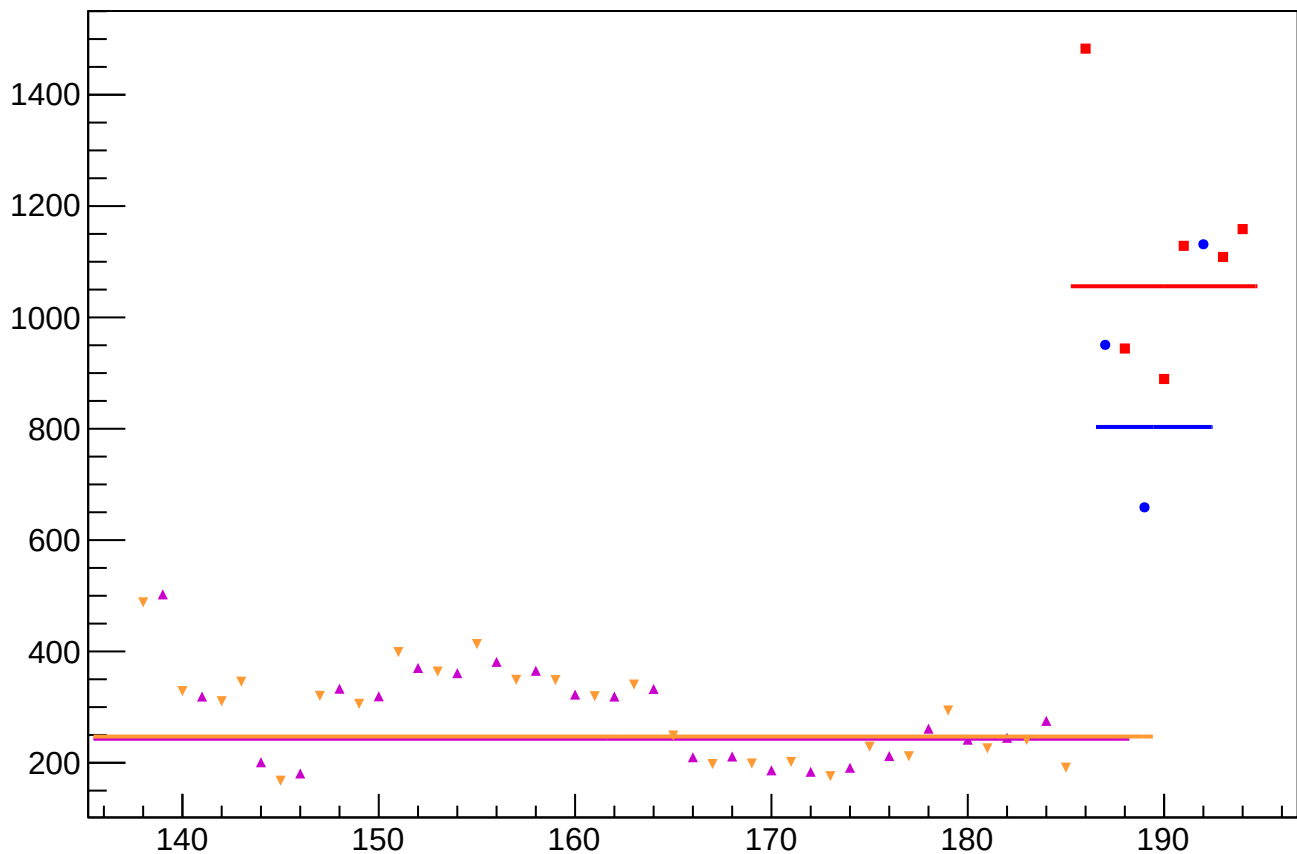
Left In: -7.535 ± 60.328 χ^2/NDF : 22.9/22

+ sign -271.705 ± 60.128 χ^2/NDF : 68.1/27

All: -142.266 ± 42.471 χ^2/NDF : 108.7/56

- sign -13.376 ± 60.000 χ^2/NDF : 31.4/28

asym_sam_37_dd_correction_rms vs Slug



Right In: 803.232 $\pm$ 0.589 χ^2/NDF : 118734.4/2

Left Out: 247.166 $\pm$ 0.043 χ^2/NDF : 2853302.0/24

Right Out: 1055.976 $\pm$ 0.408 χ^2/NDF : 129962.6/5

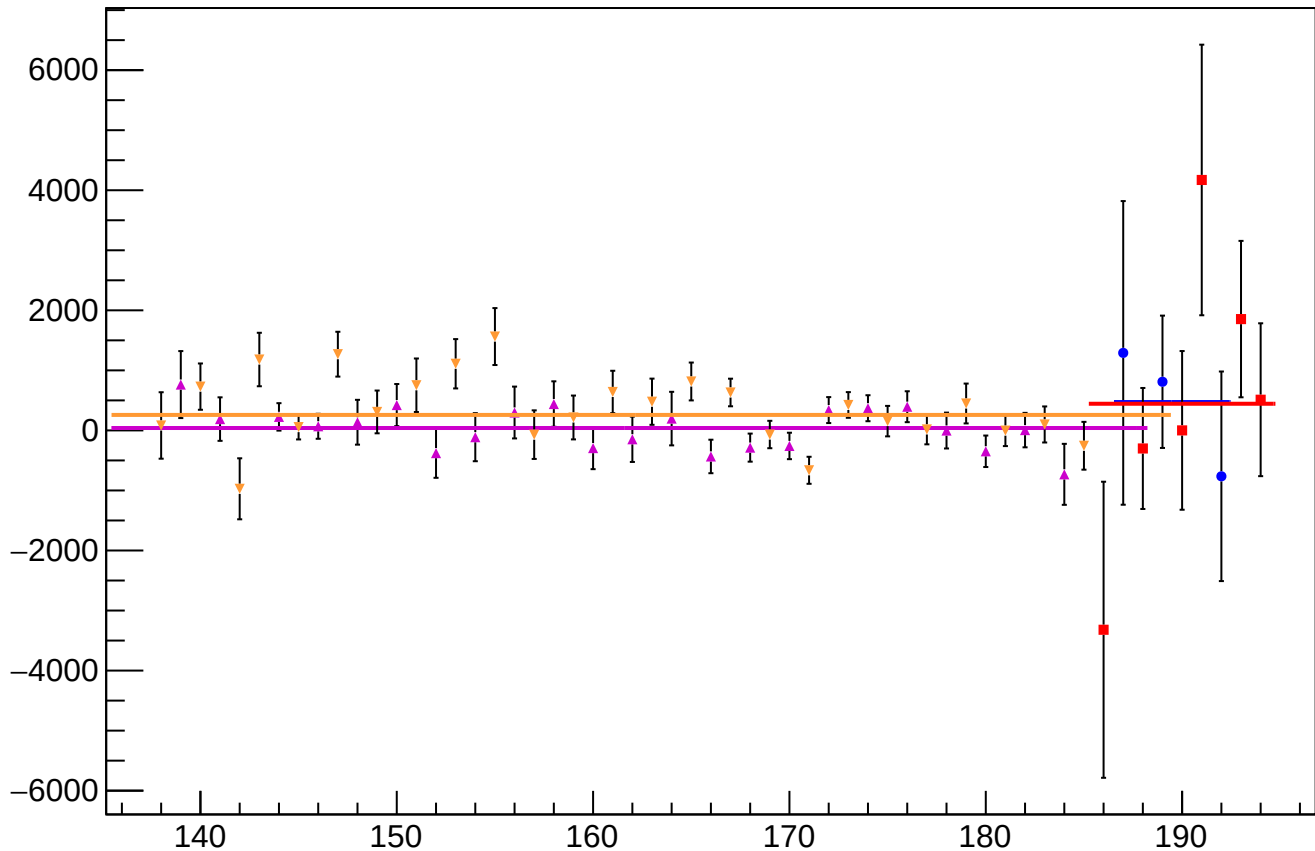
Left In: 243.189 $\pm$ 0.043 χ^2/NDF : 2571190.8/22

+ sign 250.059 $\pm$ 0.043 χ^2/NDF : 3857376.0/27

All: 251.030 $\pm$ 0.030 χ^2/NDF : 10493744.0/56

- sign 251.997 $\pm$ 0.042 χ^2/NDF : 6635326.8/28

asym_sam_37_dd_mean vs Slug



Right In: 472.355+/-874.333 χ^2/NDF : 0.7/2

Left Out: 258.044+/-61.488 χ^2/NDF : 65.0/24

Right Out: 443.989+/-565.645 χ^2/NDF : 6.9/5

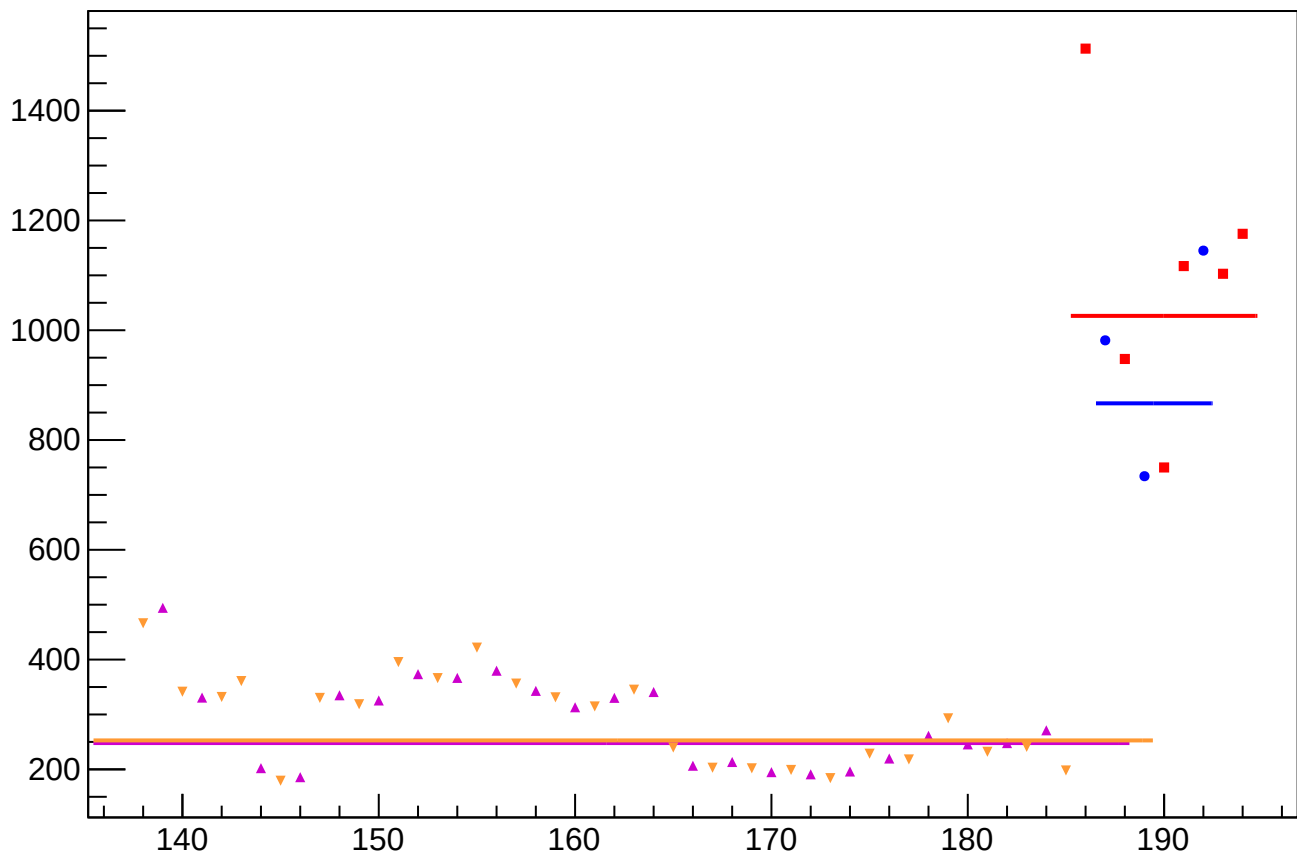
Left In: 40.015+/-61.495 χ^2/NDF : 25.0/22

+ sign 259.098+/-61.336 χ^2/NDF : 65.7/27

All: 151.564+/-43.300 χ^2/NDF : 104.3/56

- sign 44.734+/-61.135 χ^2/NDF : 32.4/28

asym_sam_37_dd_rms vs Slug



Right In: 866.821 $\pm$ 0.618 χ^2/NDF : 83962.9/2

Left Out: 252.721 $\pm$ 0.043 χ^2/NDF : 2648800.3/24

Right Out: 1026.160 $\pm$ 0.400 χ^2/NDF : 215248.8/5

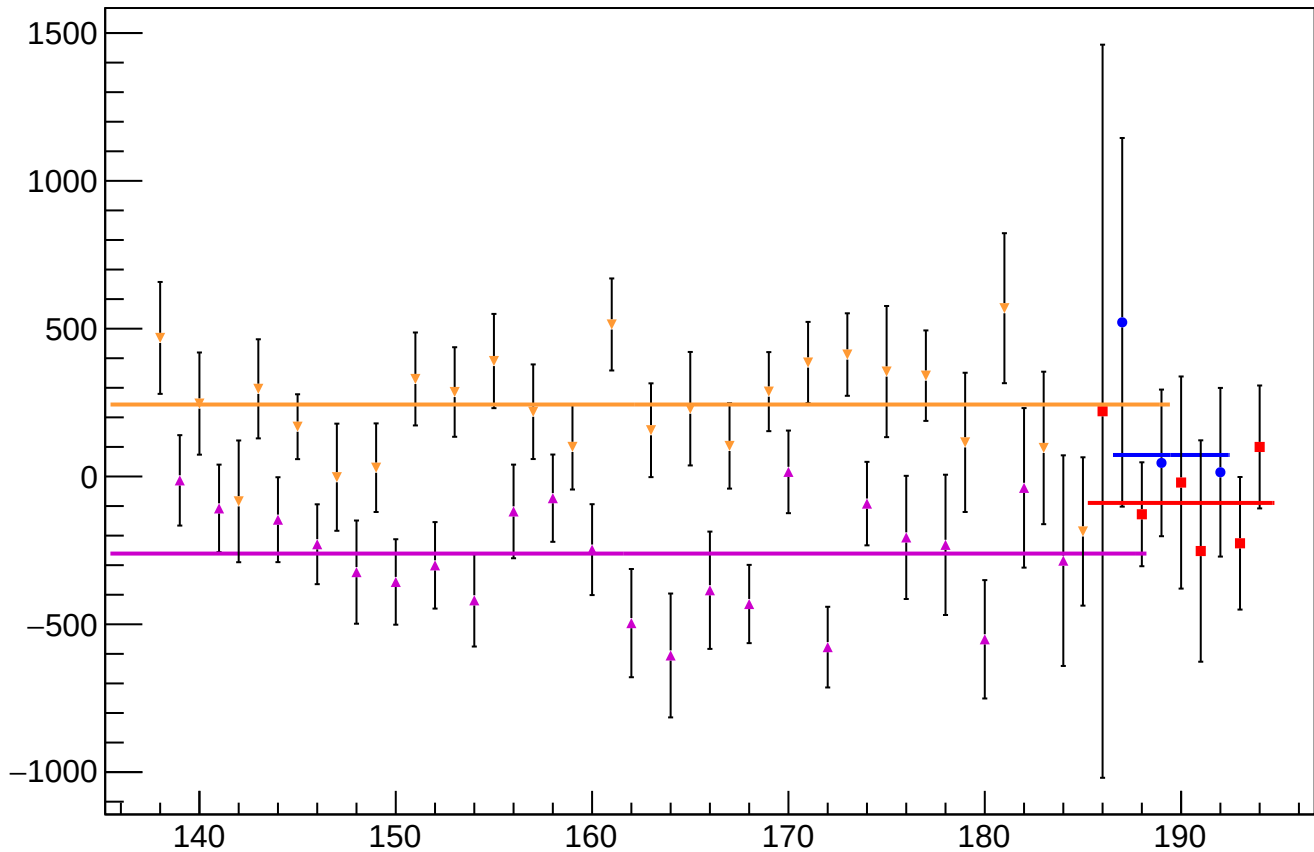
Left In: 247.919 $\pm$ 0.043 χ^2/NDF : 2374698.8/22

+ sign 255.743 $\pm$ 0.043 χ^2/NDF : 3714537.7/27

All: 256.378 $\pm$ 0.031 χ^2/NDF : 10046603.7/56

- sign 257.009 $\pm$ 0.043 χ^2/NDF : 6331638.1/28

dit_asym_sam_48_dd_mean vs Slug



Right In: 72.778 ± 179.264 $\chi^2/\text{NDF}: 0.6/2$

Left Out: 243.442 ± 32.738 $\chi^2/\text{NDF}: 23.4/24$

Right Out: -89.421 ± 104.864 $\chi^2/\text{NDF}: 1.5/5$

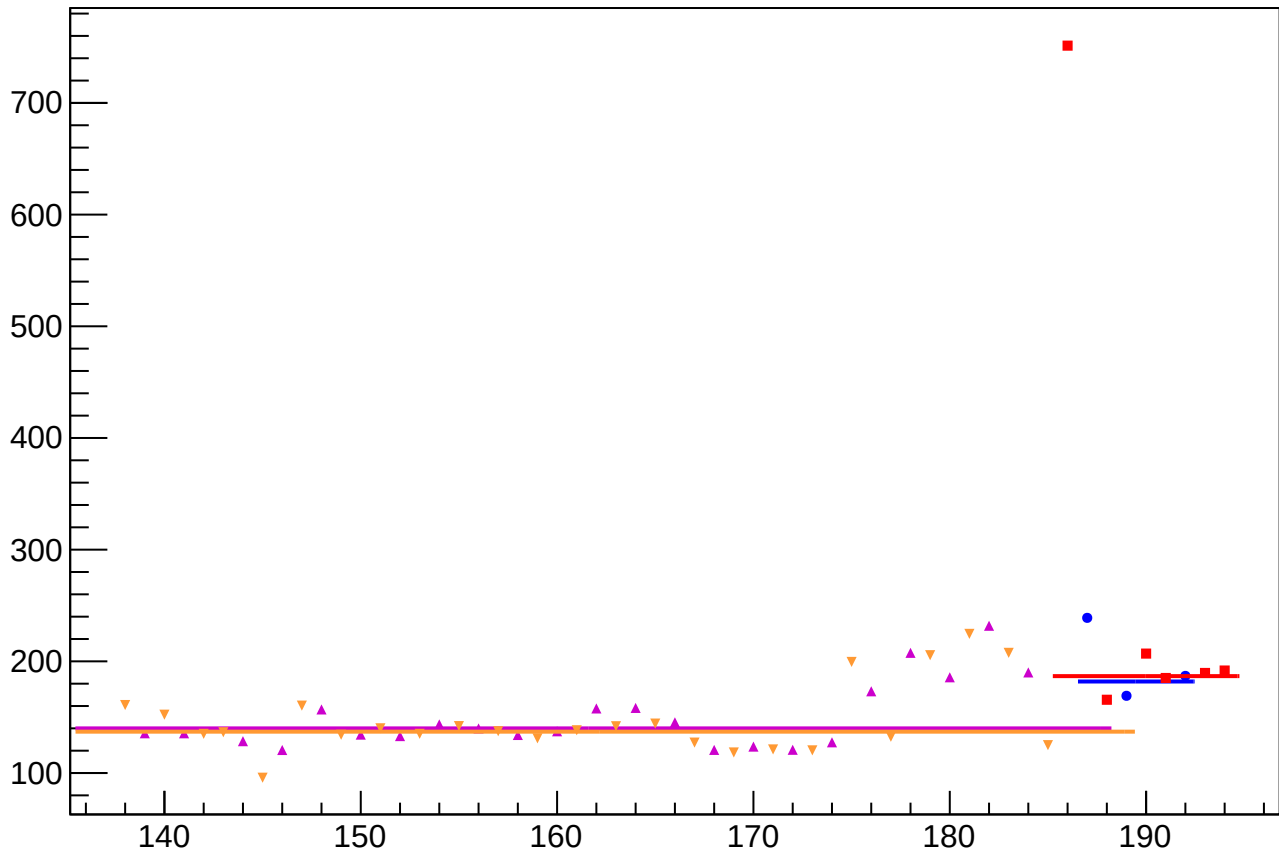
Left In: -260.749 ± 33.988 $\chi^2/\text{NDF}: 28.5/22$

+ sign 237.934 ± 32.206 $\chi^2/\text{NDF}: 24.9/27$

All: -2.319 ± 22.817 $\chi^2/\text{NDF}: 169.0/56$

- sign -244.462 ± 32.332 $\chi^2/\text{NDF}: 32.4/28$

dit_asym_sam_48_dd_rms vs Slug



Right In: 181.951 ± 0.127 χ^2/NDF : 22661.0/2

Left Out: 137.036 ± 0.023 χ^2/NDF : 1200381.2/24

Right Out: 186.763 ± 0.074 χ^2/NDF : 451357.9/5

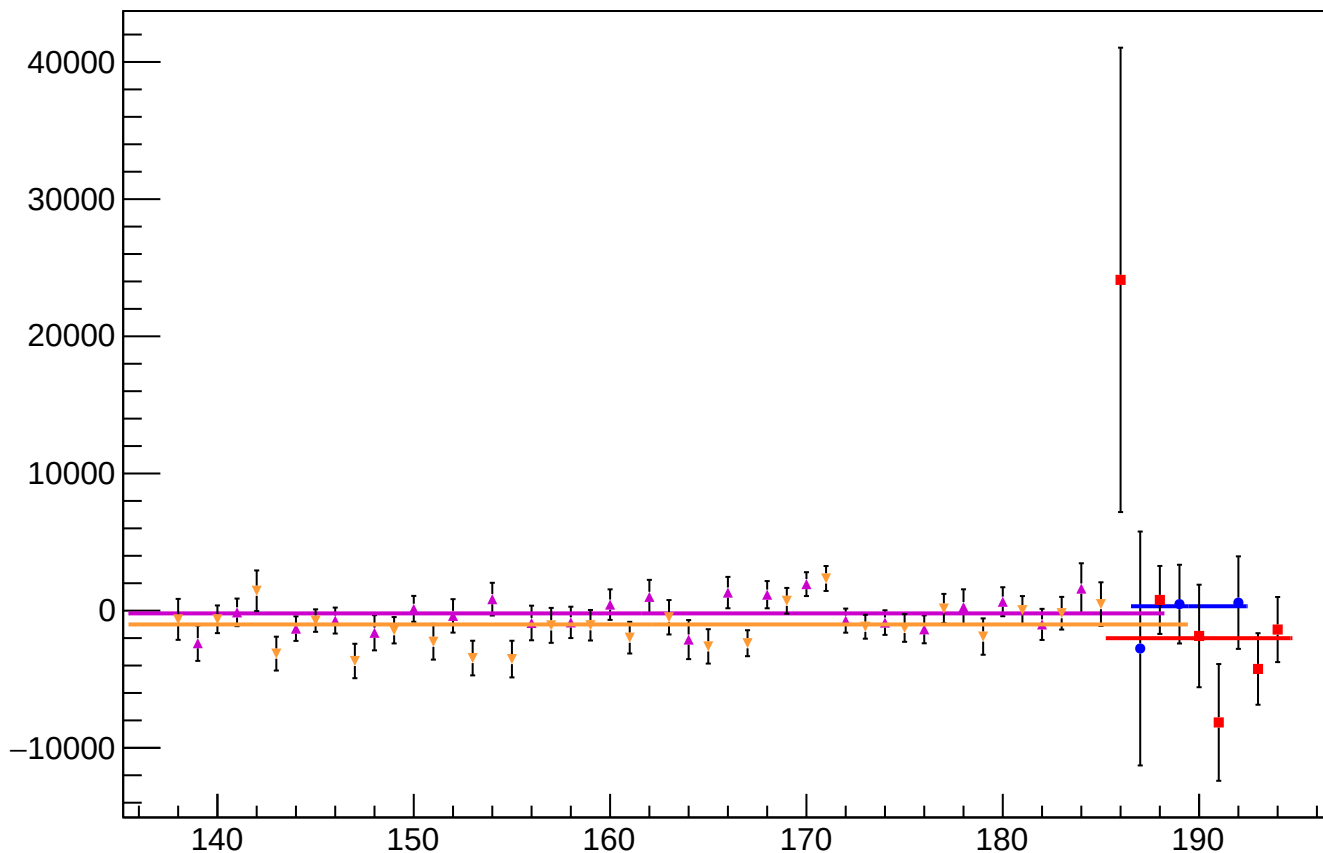
Left In: 139.966 ± 0.024 χ^2/NDF : 838127.9/22

+ sign 138.485 ± 0.023 χ^2/NDF : 1344544.3/27

All: 141.438 ± 0.016 χ^2/NDF : 3028228.8/56

- sign 144.415 ± 0.023 χ^2/NDF : 1649922.3/28

asym_sam_48_dd_correction_mean vs Slug



Right In: 321.083 $\pm$ 2117.247 χ^2/NDF : 0.1/2

Left Out: -1004.364 $\pm$ 222.387 χ^2/NDF : 44.7/24

Right Out: -2006.484 $\pm$ 1272.088 χ^2/NDF : 6.5/5

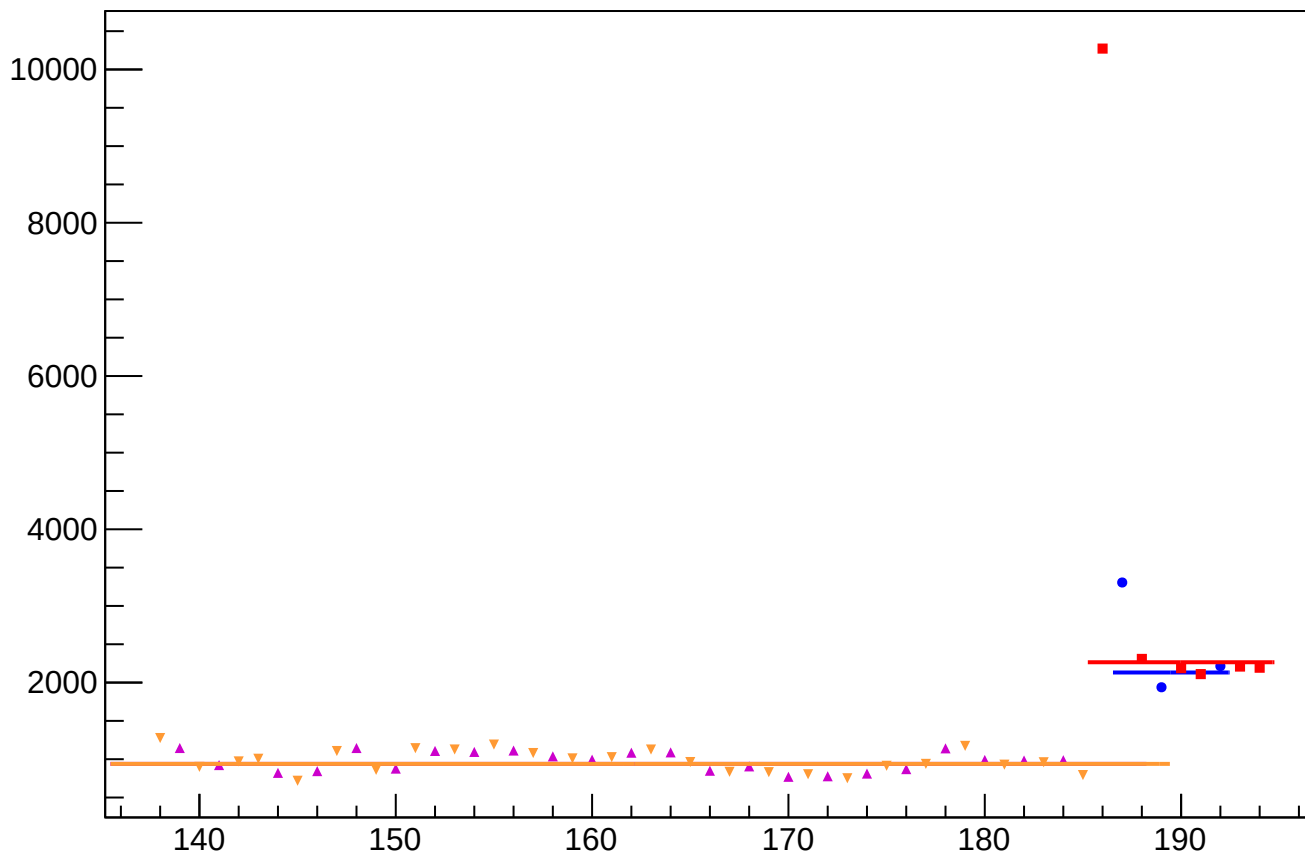
Left In: -198.654 $\pm$ 225.997 χ^2/NDF : 24.6/22

+ sign -989.901 $\pm$ 221.170 χ^2/NDF : 45.2/27

All: -624.161 $\pm$ 156.864 χ^2/NDF : 83.8/56

- sign -253.968 $\pm$ 222.513 χ^2/NDF : 33.1/28

asym_sam_48_dd_correction_rms vs Slug



Right In: 2131.469+/-1.497 χ^2/NDF : 48157.7/2

Left Out: 938.988+/-0.157 χ^2/NDF : 828400.0/24

Right Out: 2265.090+/-0.900 χ^2/NDF : 454394.9/5

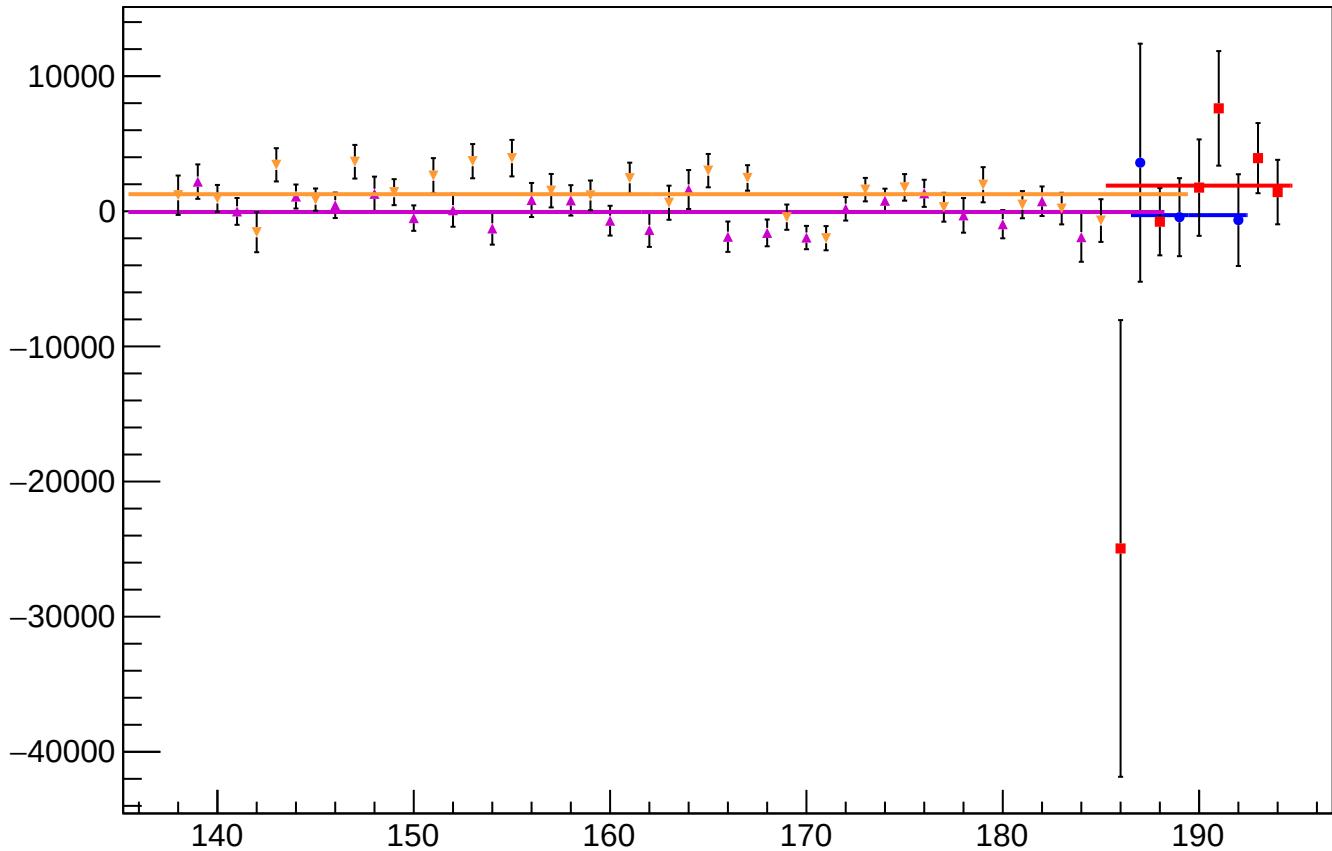
Left In: 938.755+/-0.160 χ^2/NDF : 611419.0/22

+ sign 952.001+/-0.156 χ^2/NDF : 1504073.1/27

All: 965.586+/-0.111 χ^2/NDF : 4692757.3/56

- sign 979.337+/-0.157 χ^2/NDF : 3173500.7/28

asym_sam_48_dd_mean vs Slug



Right In: -285.813+/-2133.654 χ^2/NDF : 0.2/2

Left Out: 1264.940+/-220.626 χ^2/NDF : 45.5/24

Right Out: 1899.057+/-1266.950 χ^2/NDF : 6.1/5

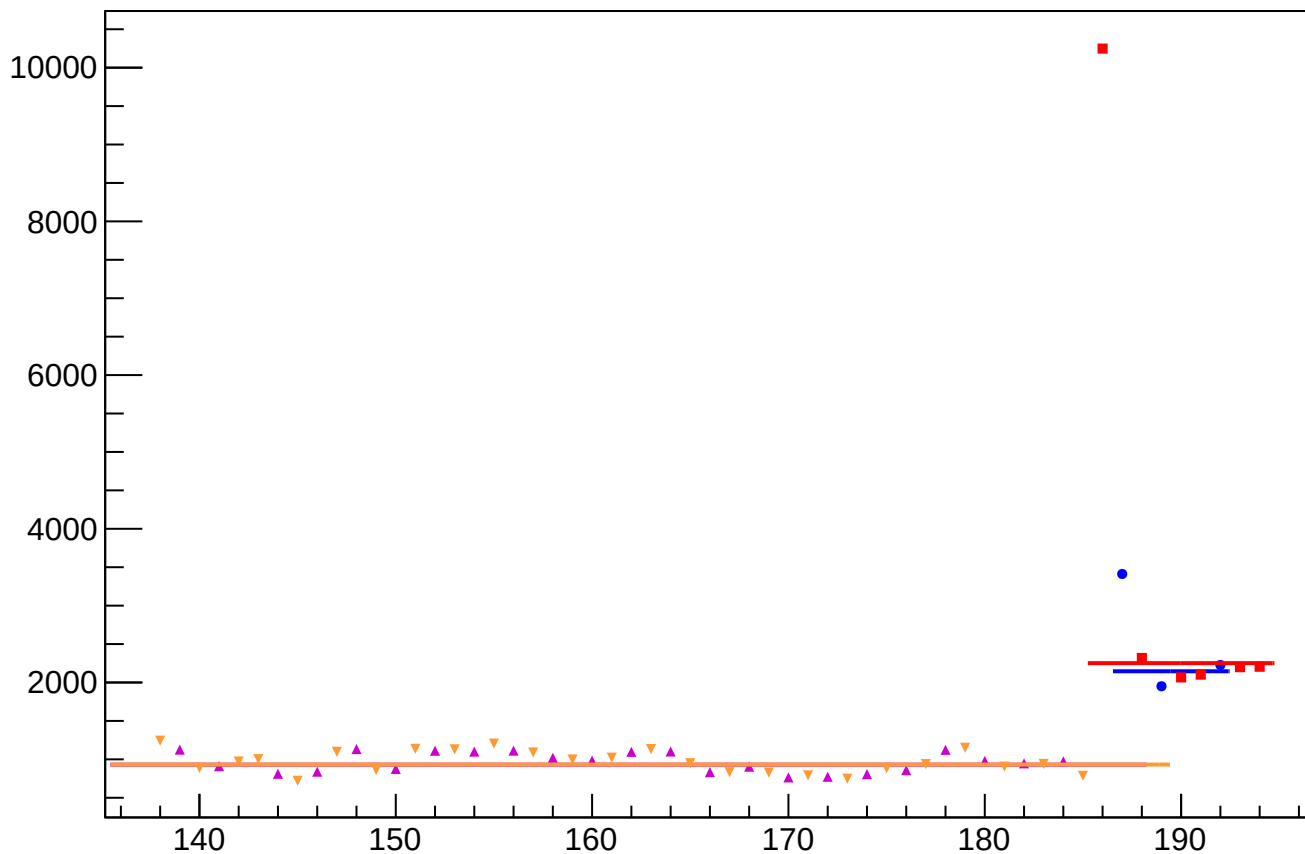
Left In: -53.940+/-224.371 χ^2/NDF : 26.4/22

+ sign 1248.534+/-219.456 χ^2/NDF : 46.3/27

All: 631.162+/-155.698 χ^2/NDF : 97.1/56

- sign 5.449+/-220.933 χ^2/NDF : 34.9/28

asym_sam_48_dd_rms vs Slug



Right In: 2146.001+/-1.509 χ^2/NDF : 51609.2/2

Left Out: 932.170+/-0.156 χ^2/NDF : 828733.8/24

Right Out: 2251.722+/-0.896 χ^2/NDF : 458811.3/5

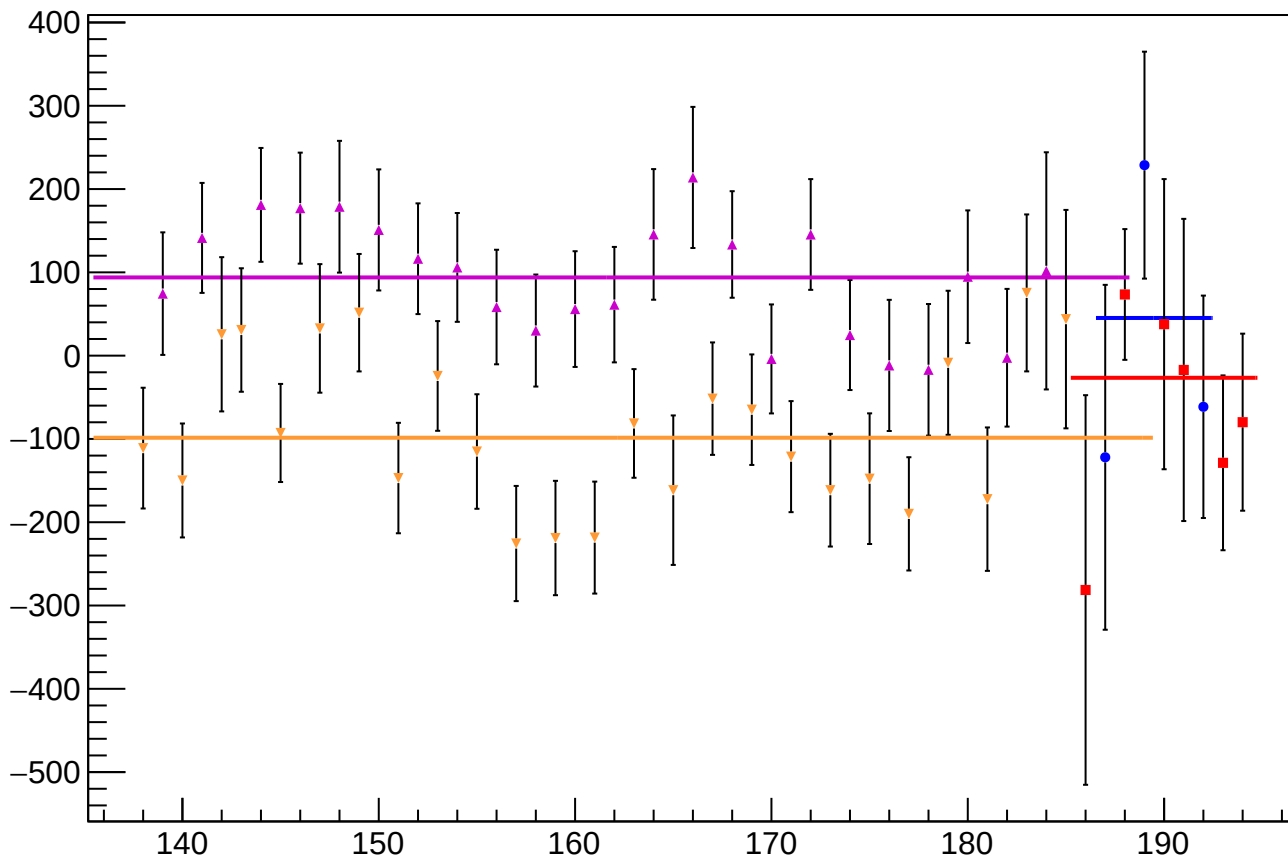
Left In: 930.854+/-0.159 χ^2/NDF : 621985.5/22

+ sign 945.011+/-0.155 χ^2/NDF : 1520784.0/27

All: 957.929+/-0.110 χ^2/NDF : 4723278.0/56

- sign 971.020+/-0.156 χ^2/NDF : 3188542.1/28

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 45.236 $\pm$ 86.612 χ^2/NDF : 3.1/2

Left Out: -98.557 $\pm$ 14.525 χ^2/NDF : 35.2/24

Right Out: -26.592 $\pm$ 48.607 χ^2/NDF : 4.1/5

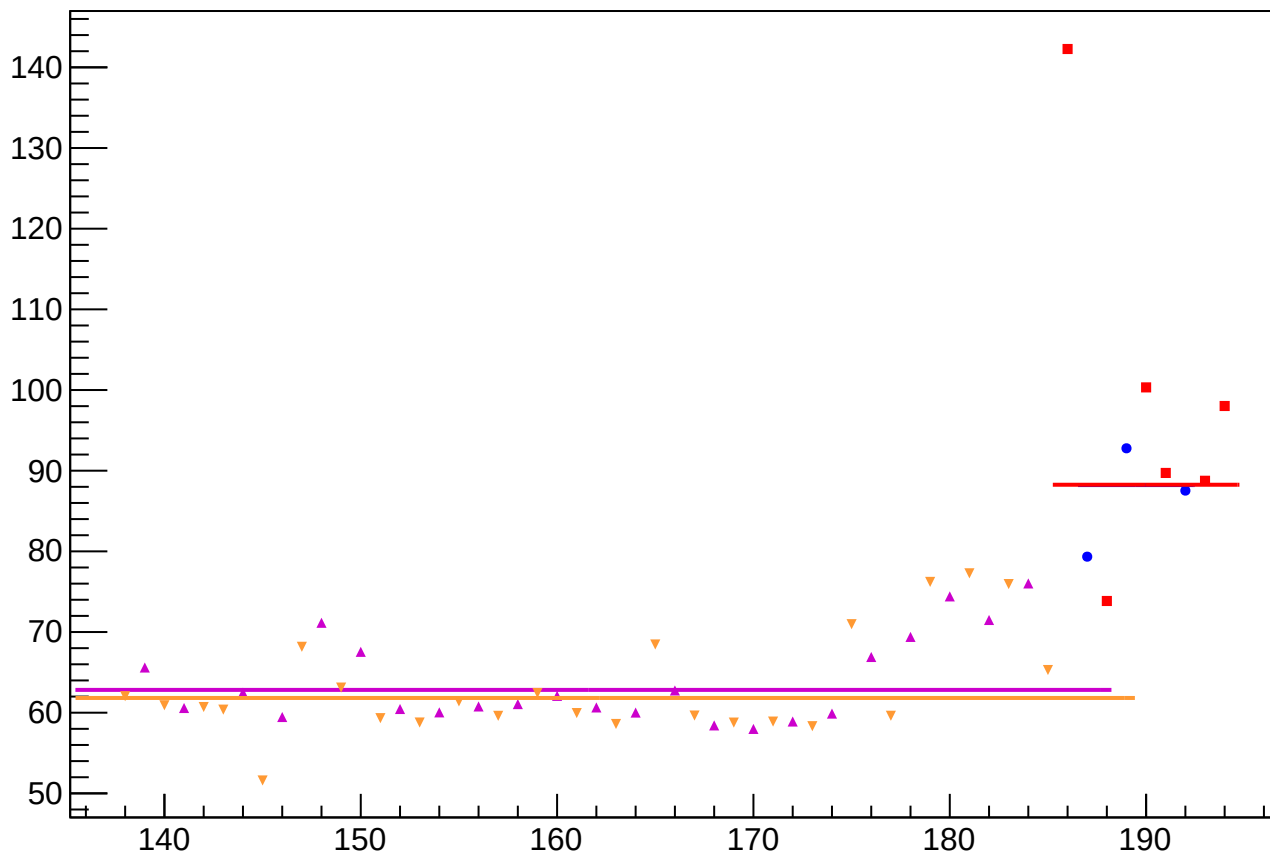
Left In: 93.899 $\pm$ 15.039 χ^2/NDF : 19.3/22

+ sign -94.624 $\pm$ 14.325 χ^2/NDF : 41.0/27

All: -5.887 $\pm$ 10.144 χ^2/NDF : 147.0/56

- sign 83.373 $\pm$ 14.367 χ^2/NDF : 29.0/28

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 88.218 $\pm$ 0.061 χ^2 /NDF: 5967.6/2

Left Out: 61.827 $\pm$ 0.010 χ^2 /NDF: 313572.8/24

Right Out: 88.258 $\pm$ 0.034 χ^2 /NDF: 200715.9/5

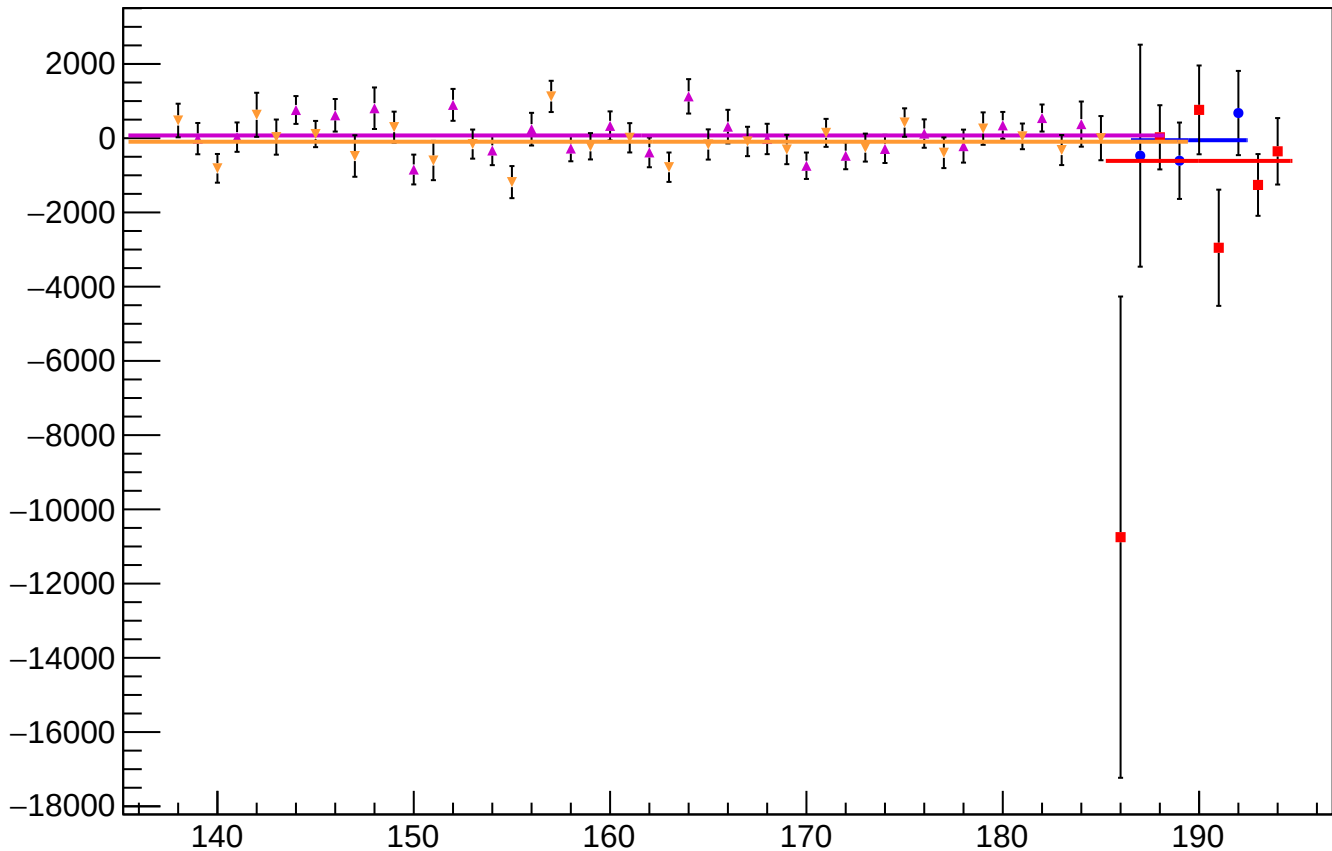
Left In: 62.827 $\pm$ 0.011 χ^2 /NDF: 187007.2/22

+ sign 62.549 $\pm$ 0.010 χ^2 /NDF: 500152.5/27

All: 63.795 $\pm$ 0.007 χ^2 /NDF: 1417872.4/56

- sign 65.049 $\pm$ 0.010 χ^2 /NDF: 887349.8/28

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -54.383 ± 738.645 χ^2/NDF : 0.7/2

Left Out: -94.907 ± 82.850 χ^2/NDF : 31.6/24

Right Out: -611.598 ± 440.196 χ^2/NDF : 7.2/5

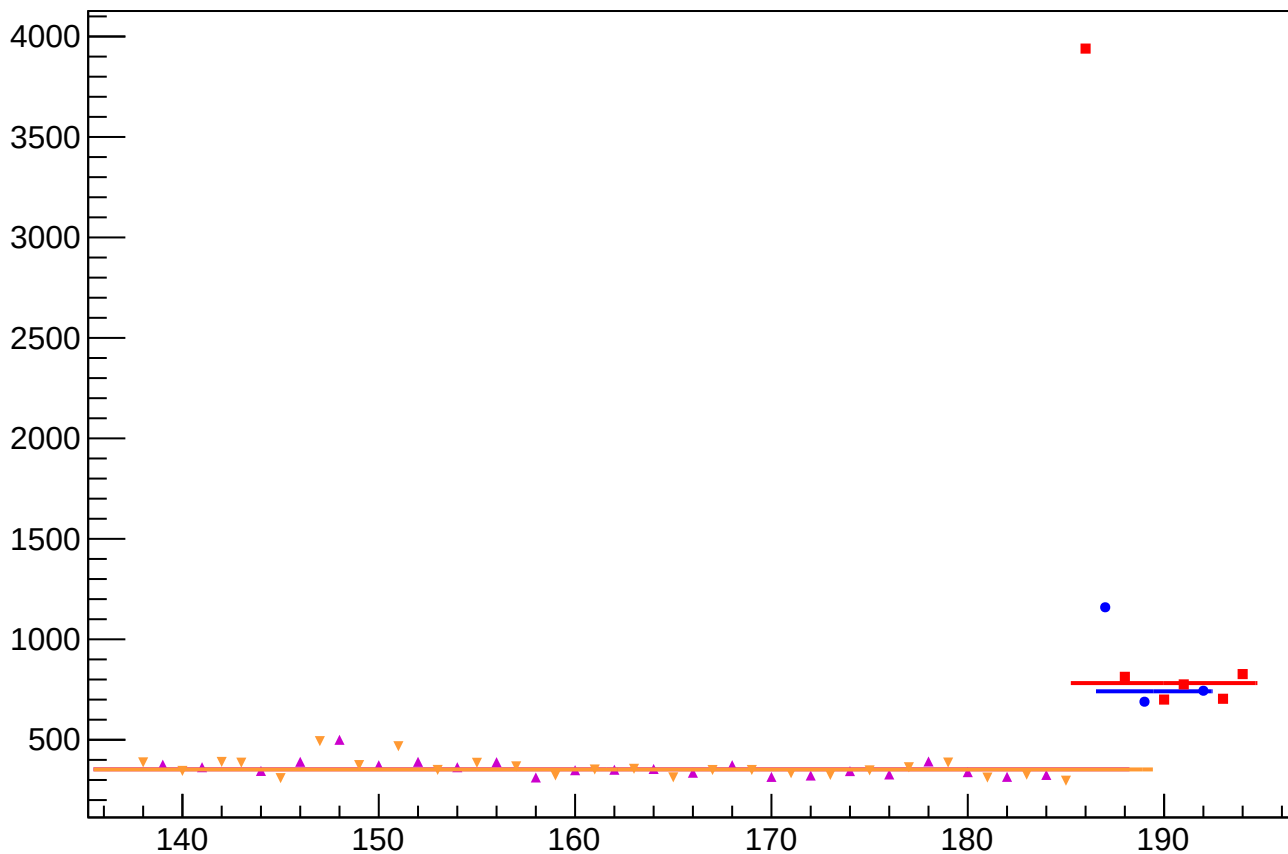
Left In: 73.914 ± 84.652 χ^2/NDF : 36.4/22

+ sign -94.403 ± 82.333 χ^2/NDF : 32.3/27

All: -23.160 ± 58.498 χ^2/NDF : 79.7/56

- sign 49.467 ± 83.129 χ^2/NDF : 45.9/28

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 741.303+/-0.522 χ^2/NDF : 44172.4/2

Left Out: 352.403+/-0.059 χ^2/NDF : 418506.2/24

Right Out: 782.185+/-0.311 χ^2/NDF : 509084.9/5

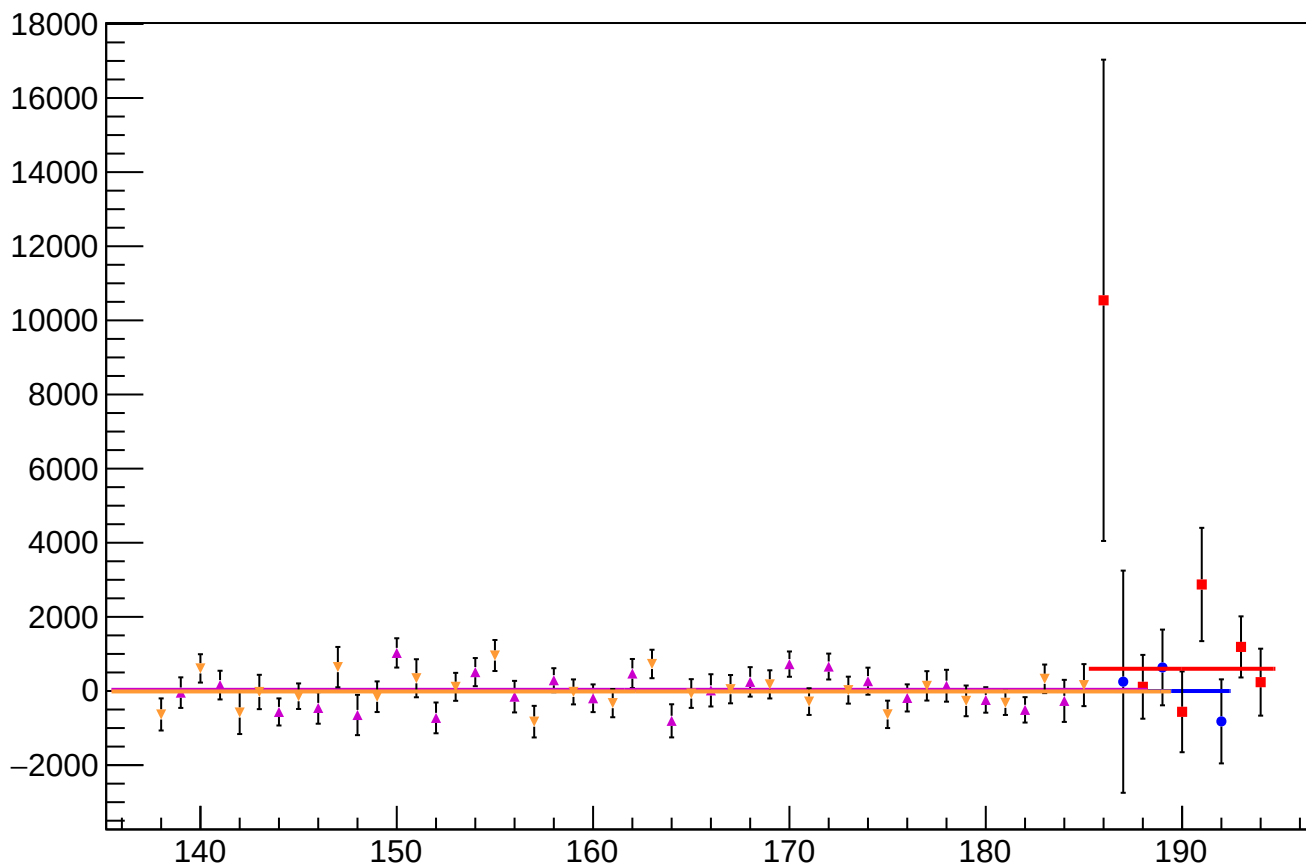
Left In: 353.197+/-0.060 χ^2/NDF : 321761.0/22

+ sign 357.234+/-0.058 χ^2/NDF : 1010206.9/27

All: 362.811+/-0.041 χ^2/NDF : 3691293.9/56

- sign 368.496+/-0.059 χ^2/NDF : 2662558.8/28

asym_sam_13_57_dd_mean vs Slug



Right In: -0.564 ± 735.709 $\chi^2/\text{NDF}: 0.9/2$

Left Out: -12.545 ± 79.984 $\chi^2/\text{NDF}: 27.3/24$

Right Out: 599.564 ± 432.786 $\chi^2/\text{NDF}: 6.7/5$

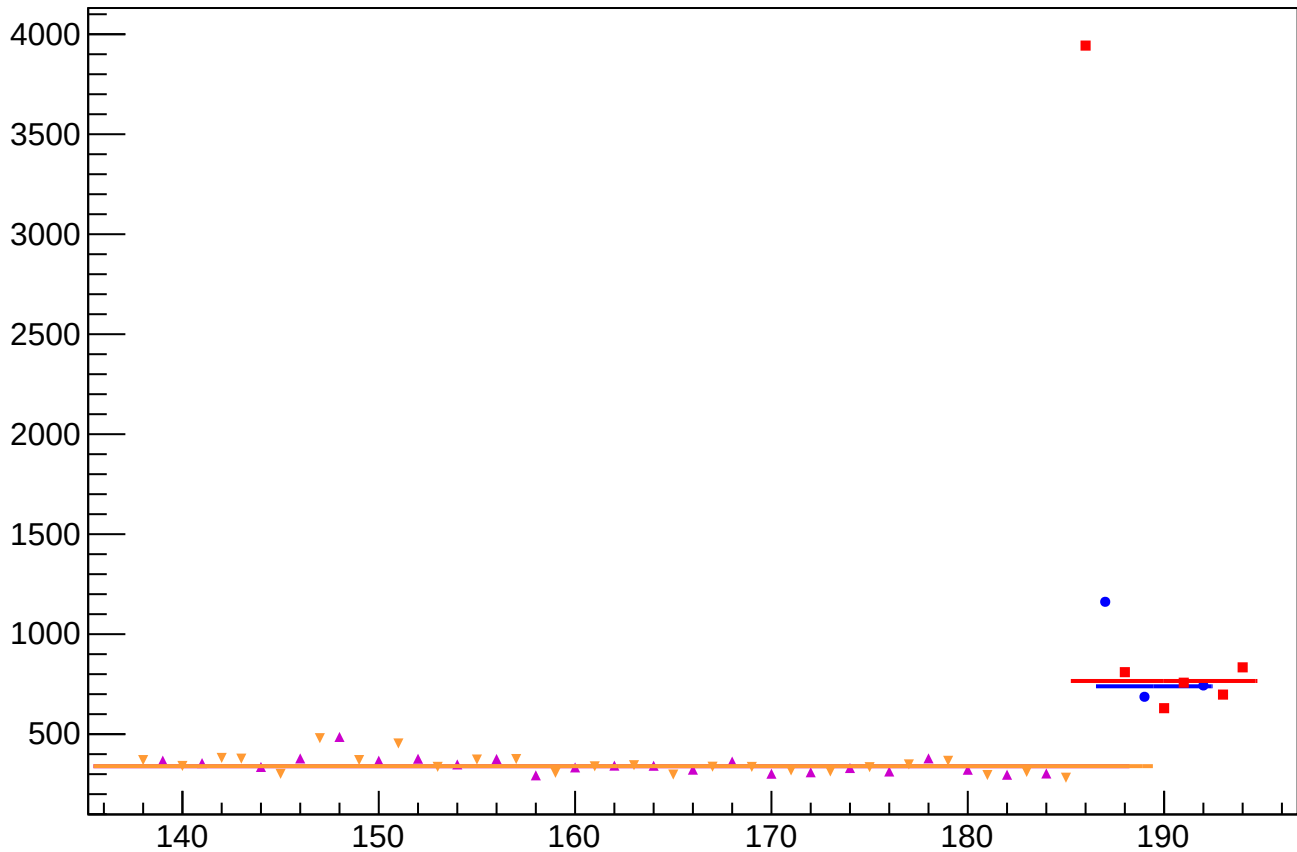
Left In: 31.531 ± 81.476 $\chi^2/\text{NDF}: 34.8/22$

+ sign -12.405 ± 79.516 $\chi^2/\text{NDF}: 28.3/27$

All: 19.065 ± 56.421 $\chi^2/\text{NDF}: 71.7/56$

- sign 50.974 ± 80.069 $\chi^2/\text{NDF}: 43.1/28$

asym_sam_13_57_dd_rms vs Slug



Right In: 739.309+/-0.520 χ^2/NDF : 45045.0/2

Left Out: 340.018+/-0.057 χ^2/NDF : 465345.1/24

Right Out: 765.936+/-0.306 χ^2/NDF : 540350.1/5

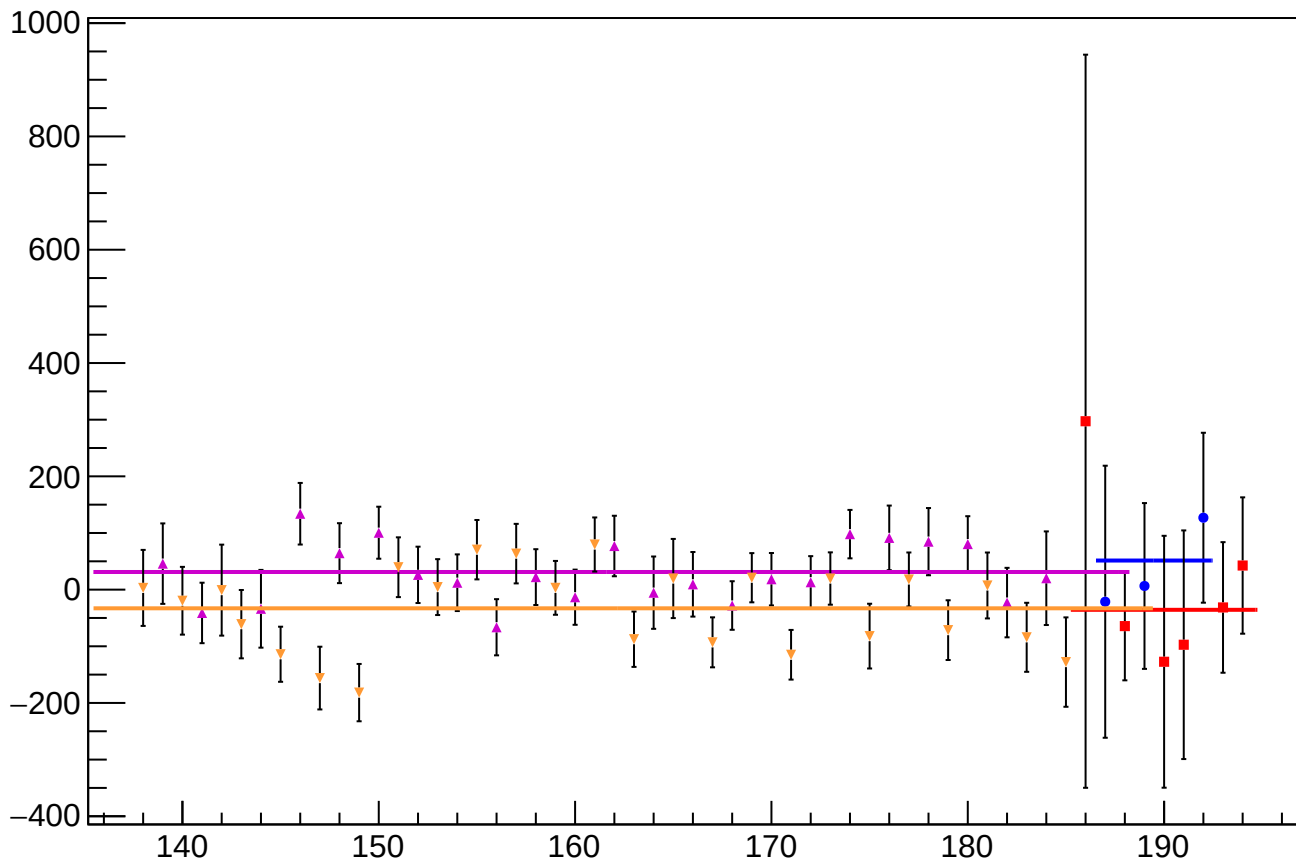
Left In: 339.571+/-0.058 χ^2/NDF : 377816.0/22

+ sign 344.682+/-0.056 χ^2/NDF : 1092619.1/27

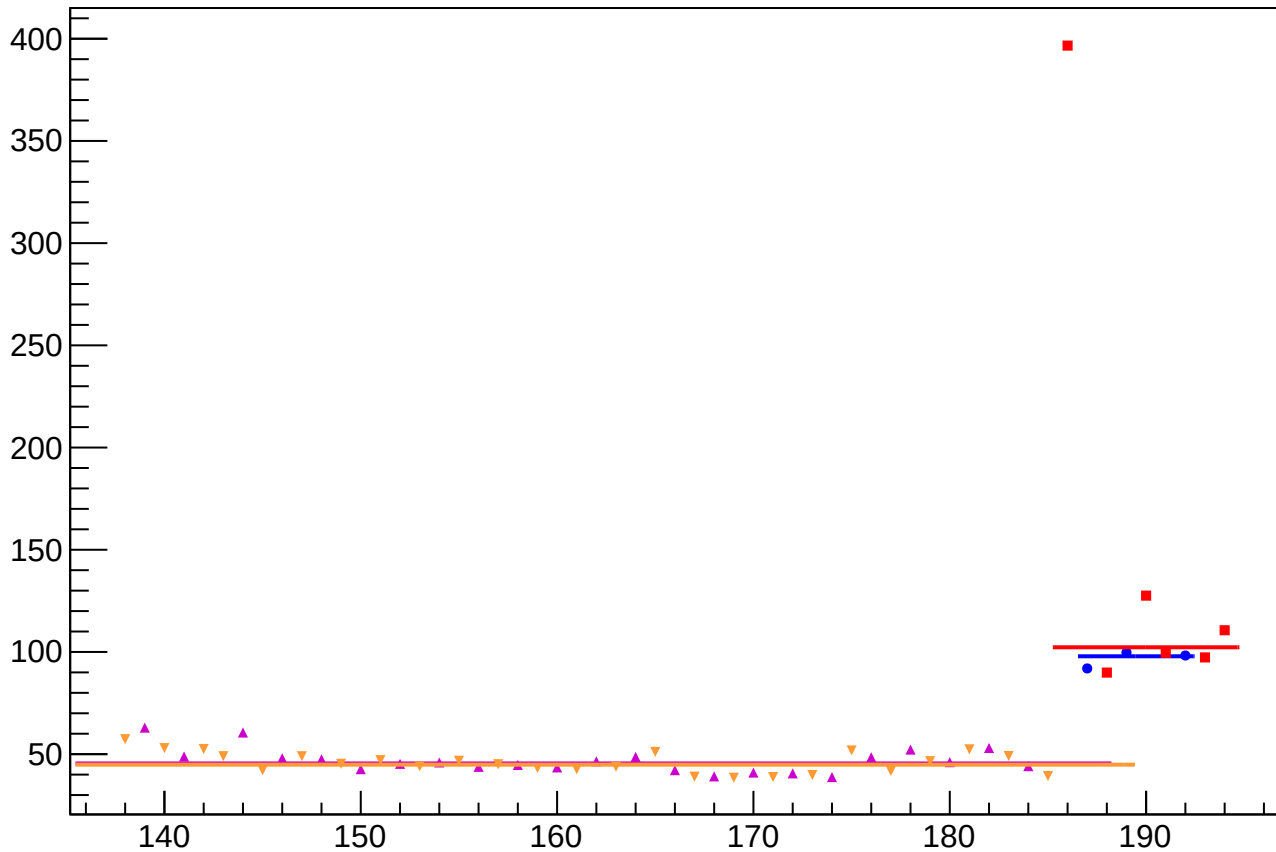
All: 349.391+/-0.040 χ^2/NDF : 3899563.6/56

- sign 354.165+/-0.057 χ^2/NDF : 2792822.9/28

dit_asym_sam_15_37_dd_mean vs Slug



dit_asym_sam_15_37_dd_rms vs Slug



Right In: 97.886 $\pm$ 0.068 χ^2/NDF : 1559.7/2

Left Out: 44.862 $\pm$ 0.007 χ^2/NDF : 415524.3/24

Right Out: 102.283 $\pm$ 0.041 χ^2/NDF : 486866.8/5

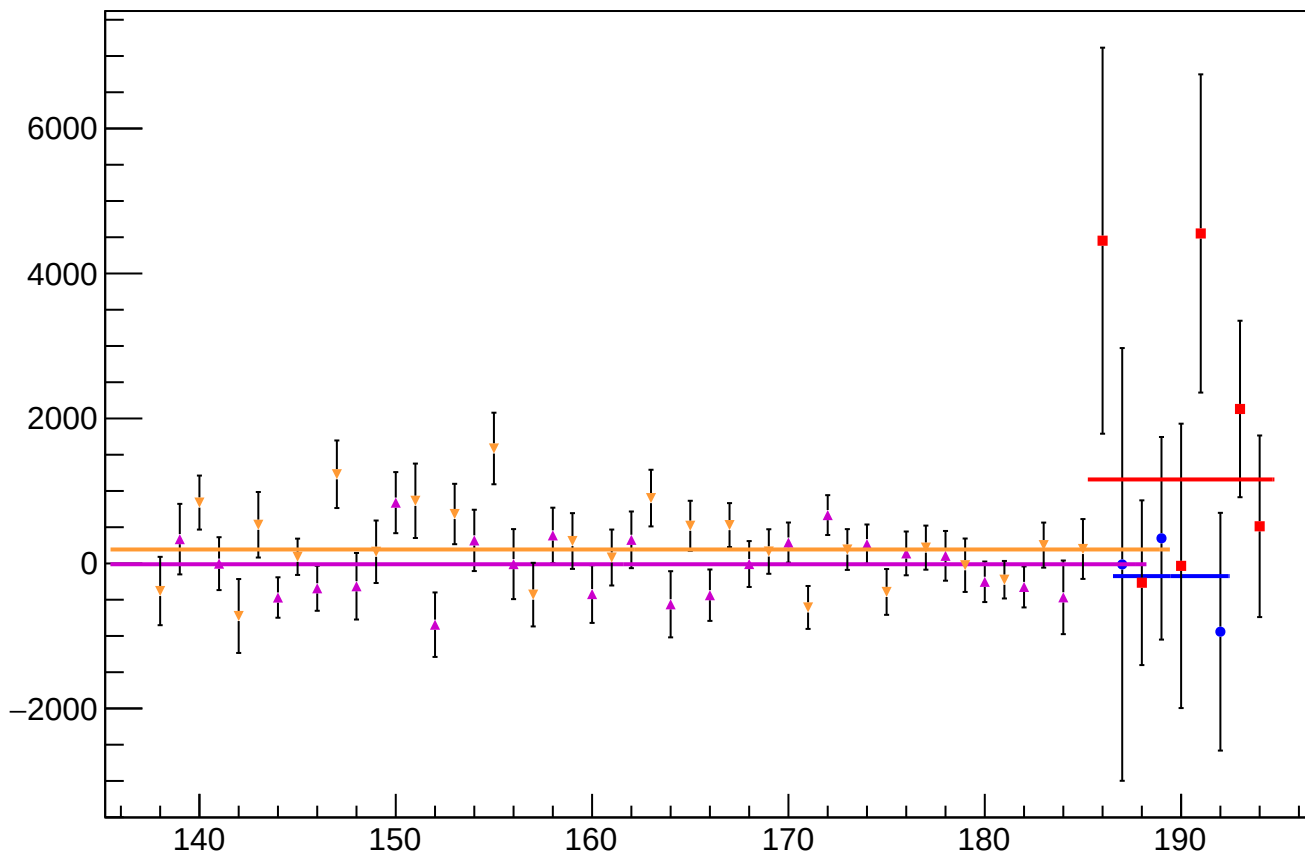
Left In: 45.465 $\pm$ 0.008 χ^2/NDF : 457021.7/22

+ sign 45.498 $\pm$ 0.007 χ^2/NDF : 1019922.6/27

All: 46.448 $\pm$ 0.005 χ^2/NDF : 3870810.9/56

- sign 47.445 $\pm$ 0.008 χ^2/NDF : 2817417.3/28

asym_sam_15_37_dd_correction_mean vs Slug



Right In: -174.417 ± 1001.860 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 192.946 ± 70.968 $\chi^2/\text{NDF}: 45.8/24$

Right Out: 1158.848 ± 609.055 $\chi^2/\text{NDF}: 6.8/5$

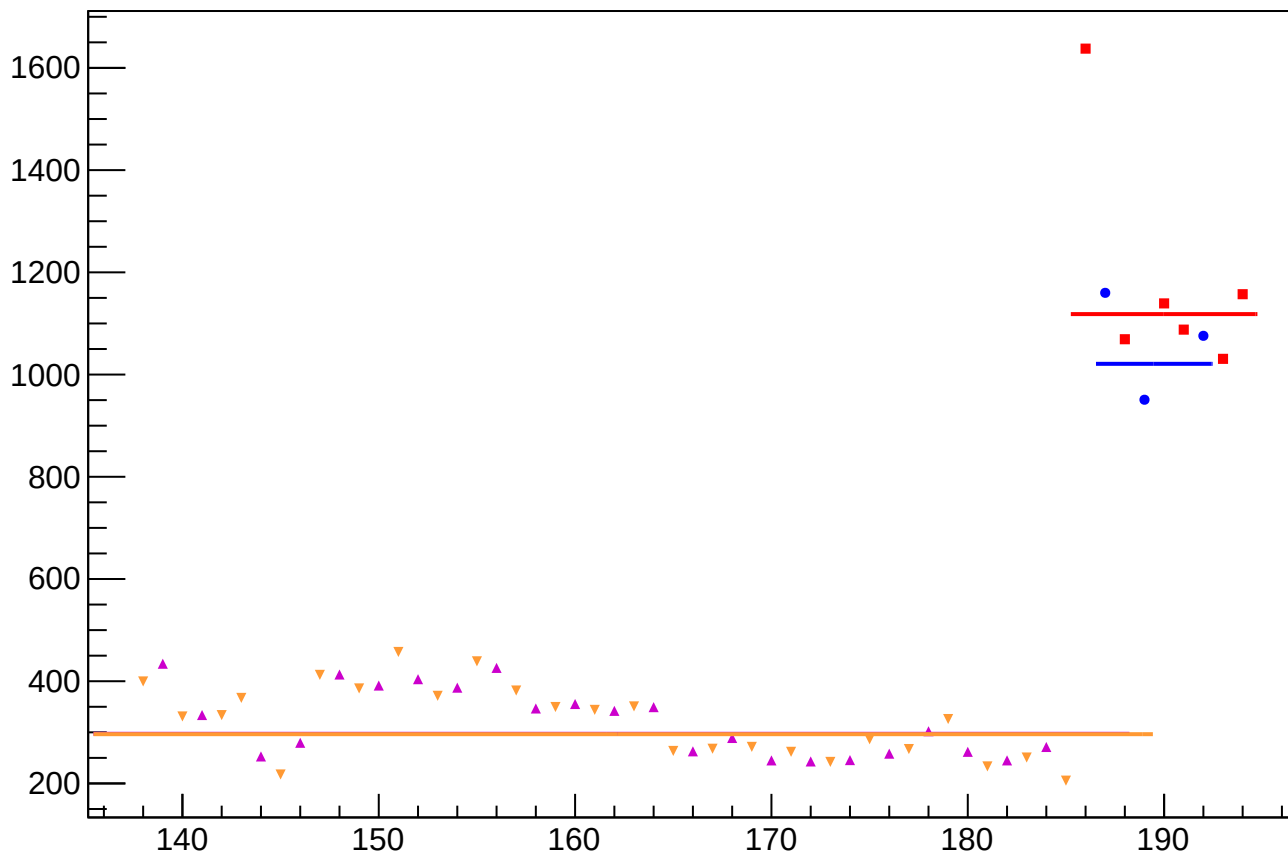
Left In: -10.801 ± 72.300 $\chi^2/\text{NDF}: 30.2/22$

+ sign 191.112 ± 70.791 $\chi^2/\text{NDF}: 46.3/27$

All: 99.591 ± 50.408 $\chi^2/\text{NDF}: 90.3/56$

- sign 5.453 ± 71.796 $\chi^2/\text{NDF}: 40.6/28$

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 1021.002 $\pm$ 0.708 χ^2/NDF : 11621.4/2

Left Out: 296.383 $\pm$ 0.050 χ^2/NDF : 1635498.4/24

Right Out: 1118.310 $\pm$ 0.431 χ^2/NDF : 92746.0/5

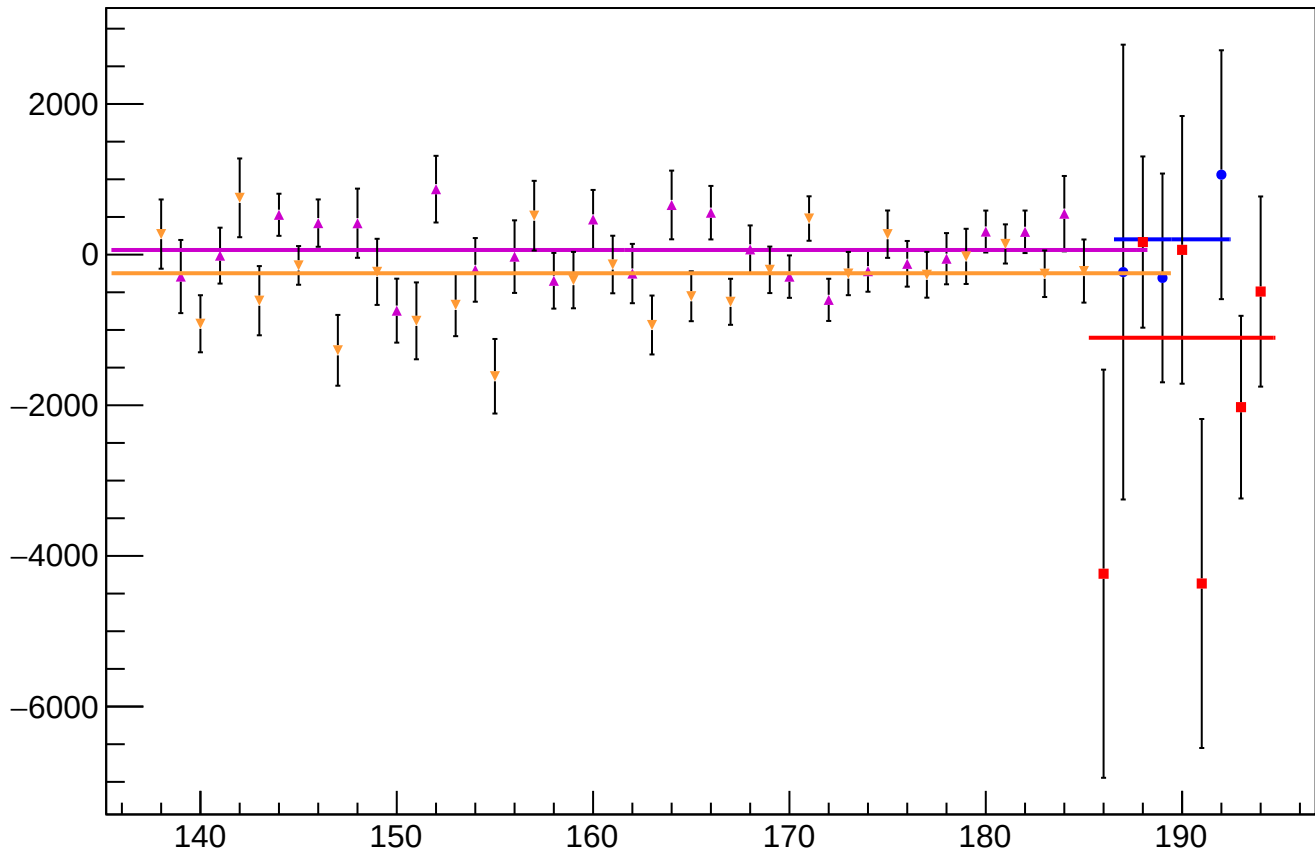
Left In: 297.137 $\pm$ 0.051 χ^2/NDF : 1320750.3/22

+ sign 300.001 $\pm$ 0.050 χ^2/NDF : 2688146.3/27

All: 304.214 $\pm$ 0.036 χ^2/NDF : 7701179.0/56

- sign 308.548 $\pm$ 0.051 χ^2/NDF : 4998661.3/28

asym_sam_15_37_dd_mean vs Slug



Right In: 202.966 $\pm$ 1001.620 χ^2 /NDF: 0.4/2

Left Out: -247.108 $\pm$ 71.218 χ^2 /NDF: 43.6/24

Right Out: -1103.516 $\pm$ 603.658 χ^2 /NDF: 6.1/5

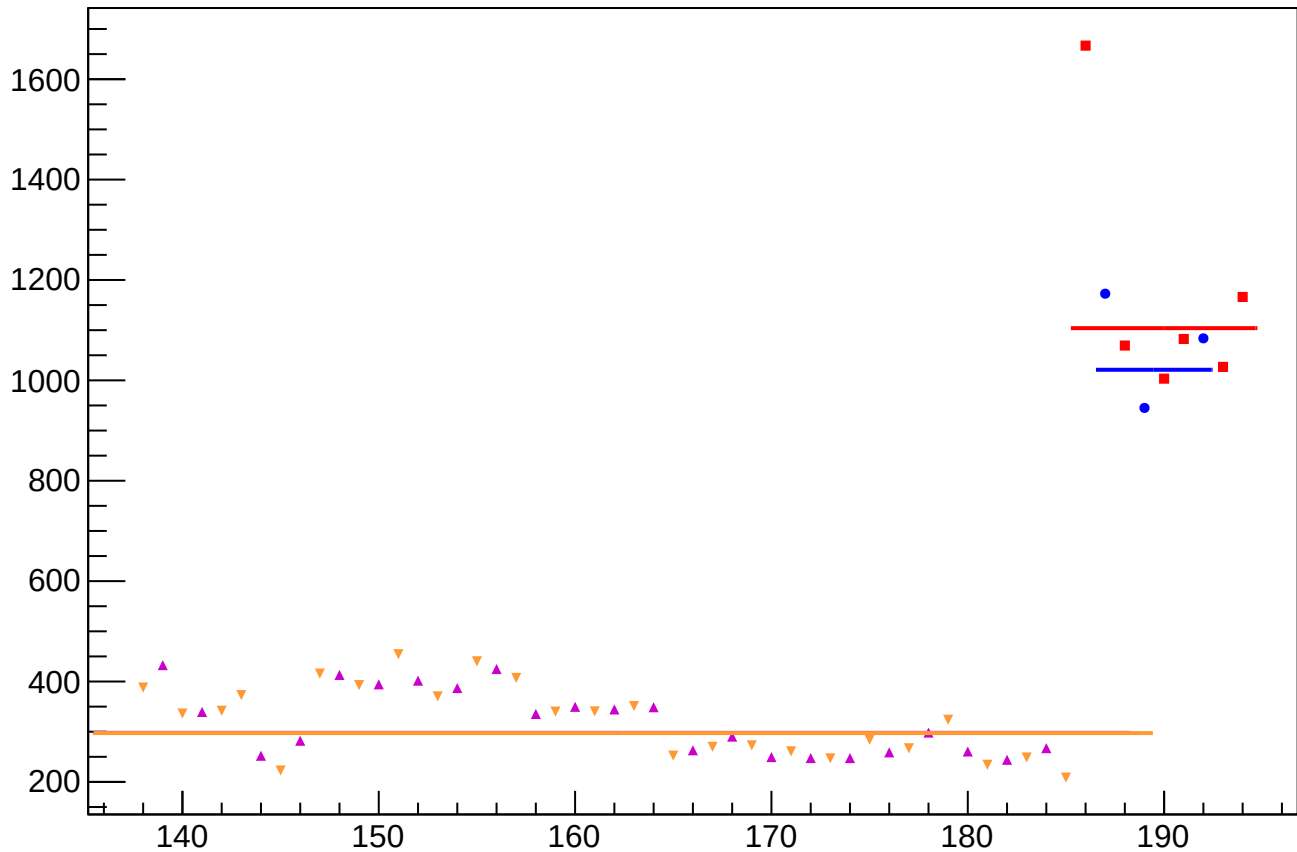
Left In: 61.707 $\pm$ 72.478 χ^2 /NDF: 30.3/22

+ sign -244.844 $\pm$ 71.039 χ^2 /NDF: 44.2/27

All: -101.718 $\pm$ 50.555 χ^2 /NDF: 92.5/56

- sign 45.148 $\pm$ 71.961 χ^2 /NDF: 40.1/28

asym_sam_15_37_dd_rms vs Slug



Right In: 1021.112+/-0.708 χ^2/NDF : 13929.3/2

Left Out: 297.273+/-0.050 χ^2/NDF :1627904.5/24

Right Out: 1104.015+/-0.427 χ^2/NDF : 107734.3/5

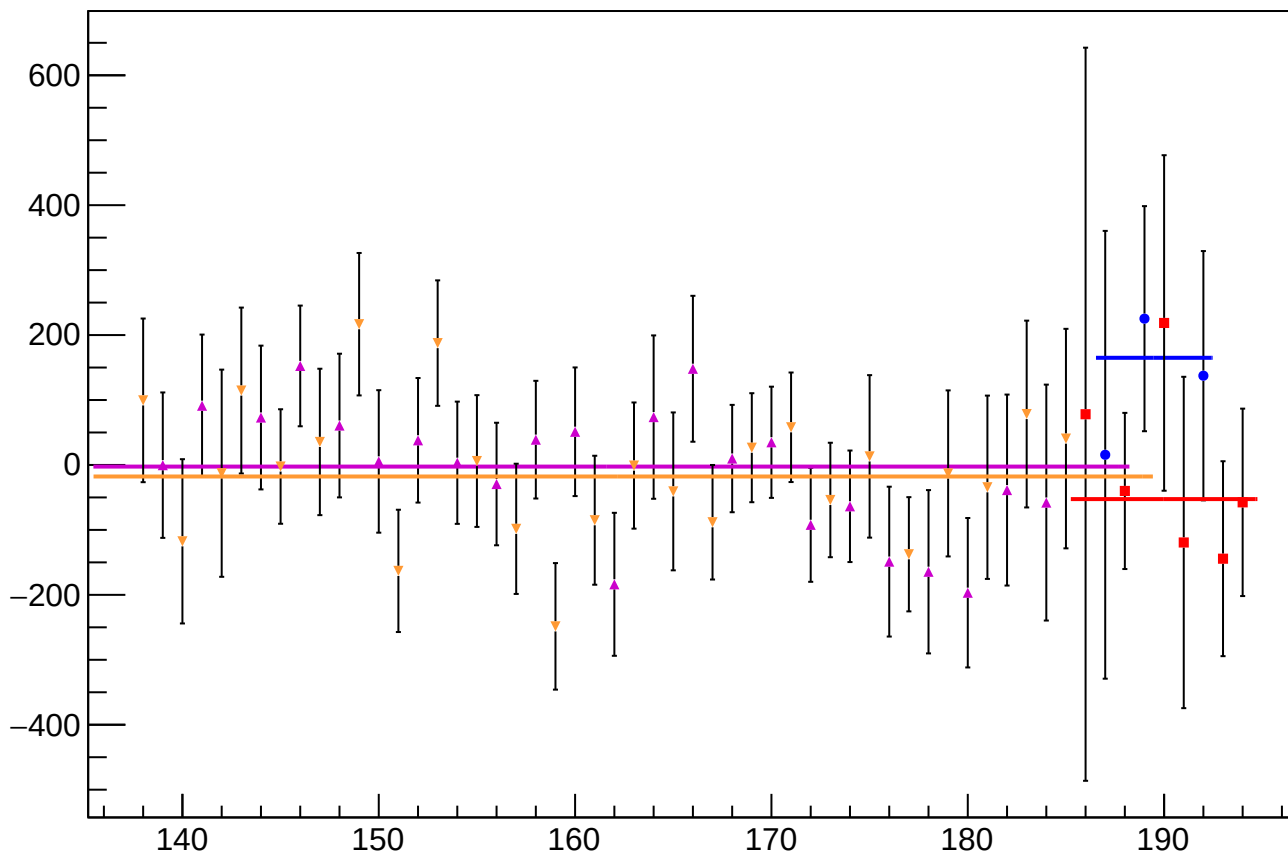
Left In: 297.696+/-0.051 χ^2/NDF :1274607.7/22

+ sign 300.914+/-0.050 χ^2/NDF : 2681078.4/27

All: 304.981+/-0.036 χ^2/NDF : 7594297.6/56

- sign 309.154+/-0.051 χ^2/NDF : 4899936.5/28

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 165.009 $\pm$ 120.511 χ^2 /NDF: 0.3/2

Left Out: -17.764 $\pm$ 21.121 χ^2 /NDF:25.5/24

Right Out: -52.565 $\pm$ 71.589 χ^2 /NDF: 1.6/5

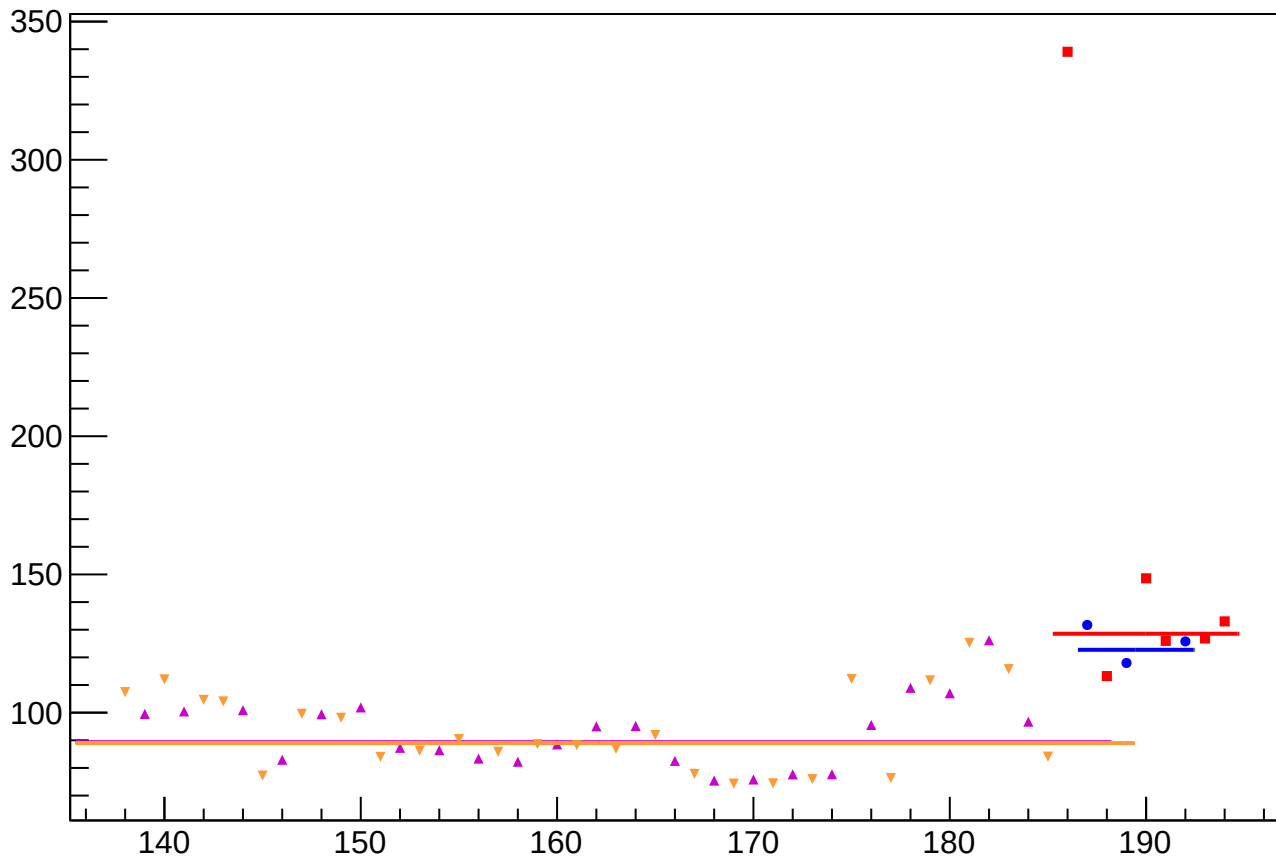
Left In: -2.505 $\pm$ 21.582 χ^2 /NDF:18.0/22

+ sign -12.317 $\pm$ 20.804 χ^2 /NDF: 28.1/27

All: -9.477 $\pm$ 14.661 χ^2 /NDF: 48.2/56

- sign -6.676 $\pm$ 20.664 χ^2 /NDF: 20.0/28

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 122.734 $\pm$ 0.085 χ^2/NDF : 3365.4/2

Left Out: 88.991 $\pm$ 0.015 χ^2/NDF : 807471.2/24

Right Out: 128.548 $\pm$ 0.051 χ^2/NDF : 325159.4/5

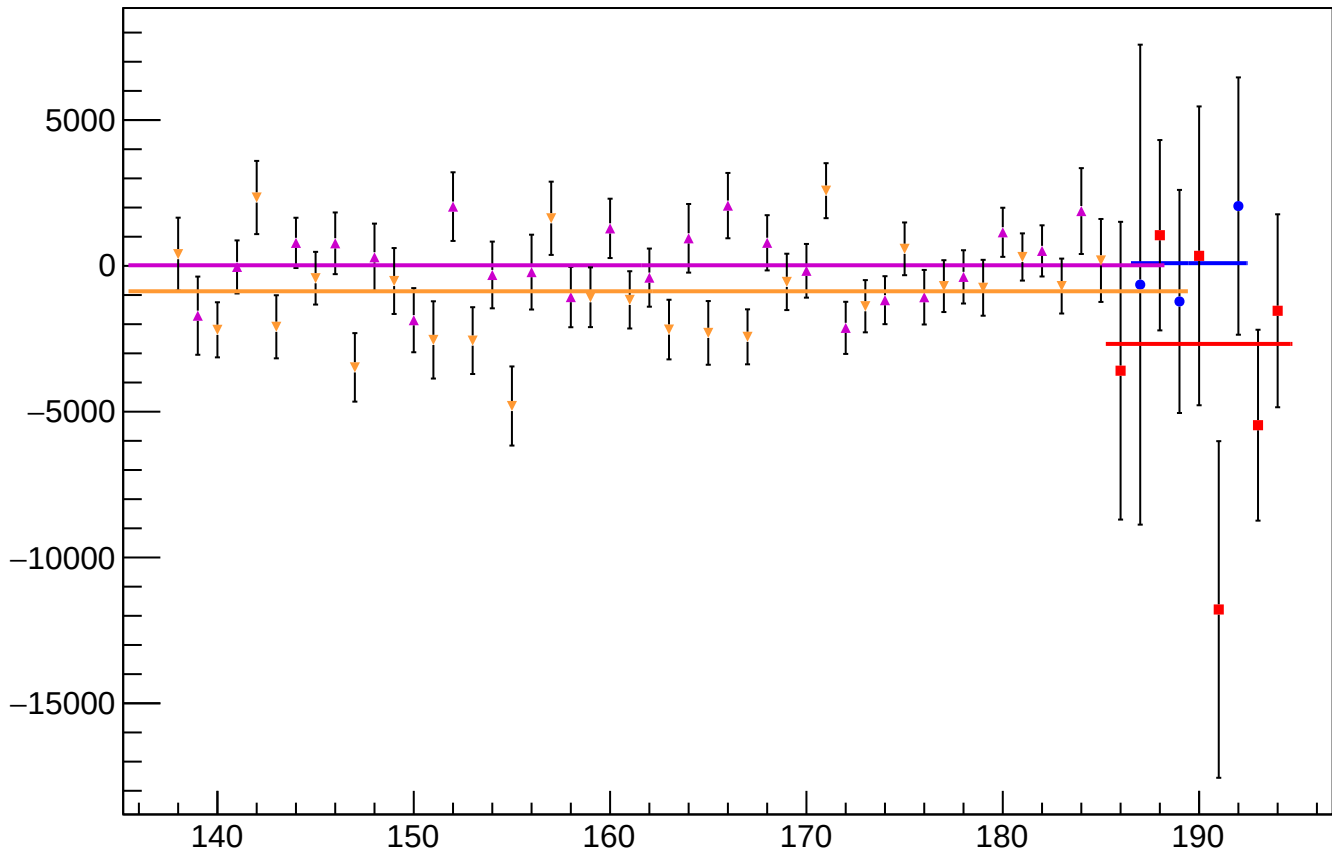
Left In: 89.321 $\pm$ 0.015 χ^2/NDF : 560433.9/22

+ sign 89.996 $\pm$ 0.015 χ^2/NDF : 962970.4/27

All: 91.302 $\pm$ 0.010 χ^2/NDF : 2414666.9/56

- sign 92.589 $\pm$ 0.015 χ^2/NDF : 1436053.1/28

asym_sam_24_68_dd_correction_mean vs Slug



Right In: 92.699 ± 2726.835 $\chi^2/\text{NDF}: 0.3/2$

Left Out: -871.061 ± 205.986 $\chi^2/\text{NDF}: 57.6/24$

Right Out: -2676.169 ± 1611.558 $\chi^2/\text{NDF}: 5.0/5$

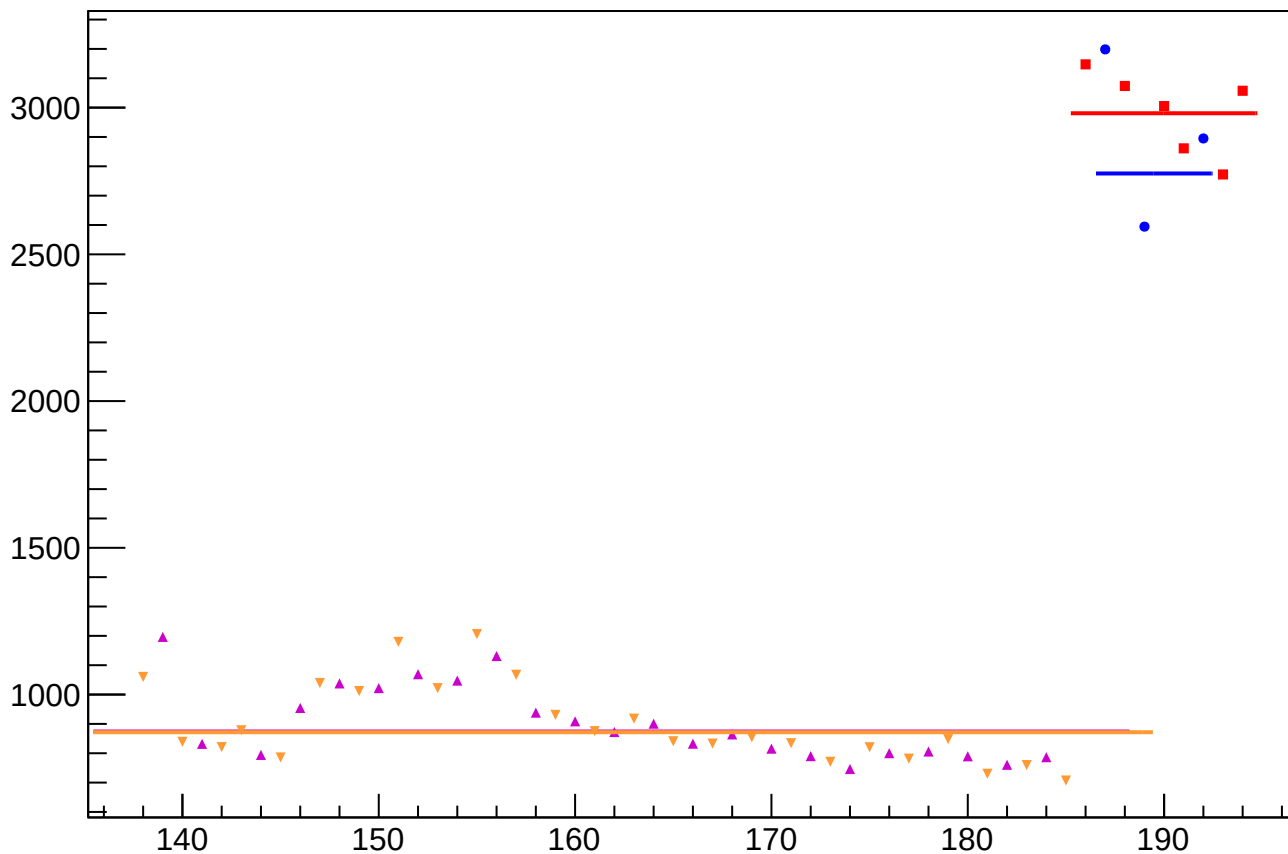
Left In: 20.573 ± 210.177 $\chi^2/\text{NDF}: 29.7/22$

+ sign -865.593 ± 205.400 $\chi^2/\text{NDF}: 58.1/27$

All: -451.180 ± 146.293 $\chi^2/\text{NDF}: 103.8/56$

- sign -24.528 ± 208.412 $\chi^2/\text{NDF}: 37.4/28$

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2775.538 $\pm$ 1.928 χ^2 /NDF: 11228.9/2

Left Out: 871.690 $\pm$ 0.146 χ^2 /NDF: 642403.4/24

Right Out: 2980.779 $\pm$ 1.140 χ^2 /NDF: 13852.5/5

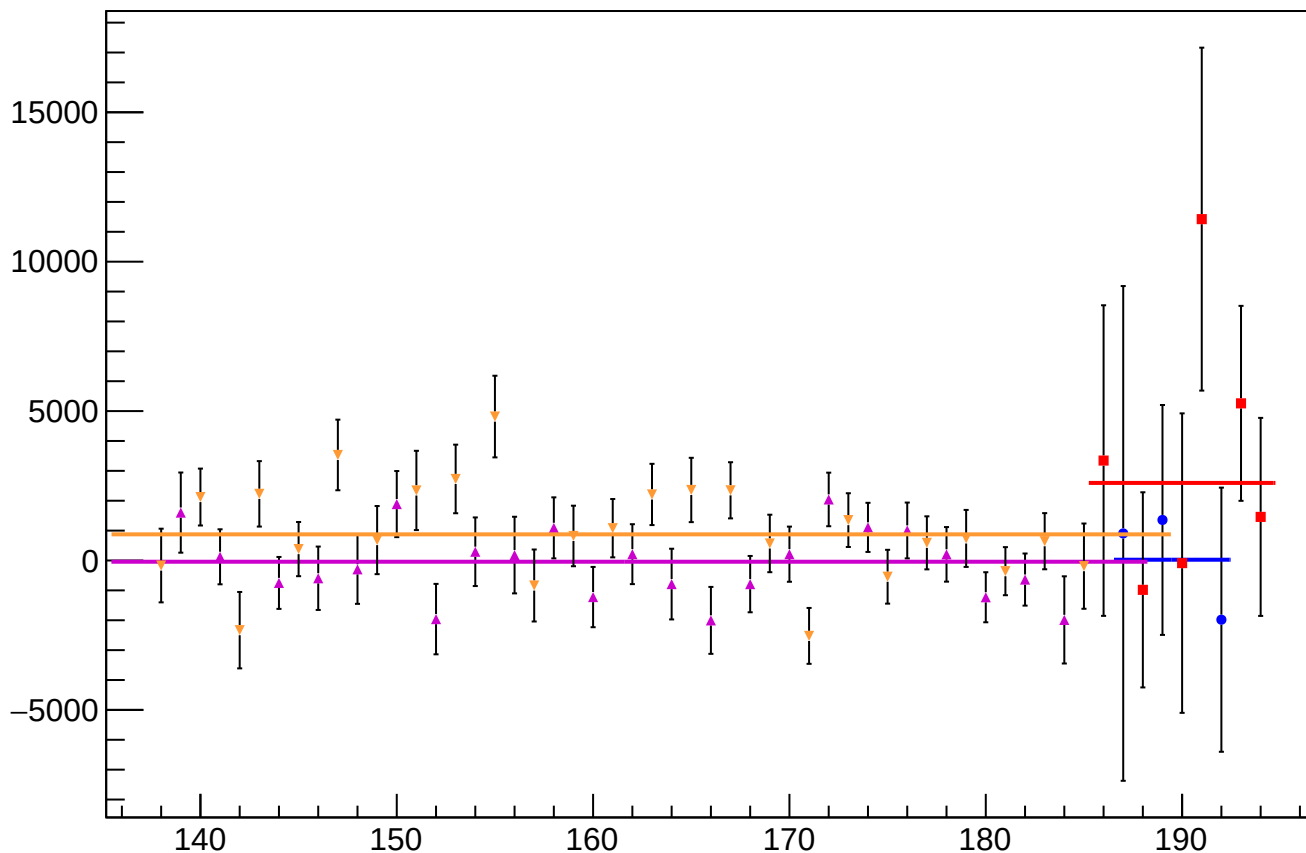
Left In: 874.055 $\pm$ 0.149 χ^2 /NDF: 578510.6/22

+ sign 882.493 $\pm$ 0.145 χ^2 /NDF: 1623038.3/27

All: 895.696 $\pm$ 0.103 χ^2 /NDF: 5592864.0/56

- sign 909.289 $\pm$ 0.147 χ^2 /NDF: 3953053.6/28

asym_sam_24_68_dd_mean vs Slug



Right In: 25.935 $\pm$ 2738.514 χ^2/NDF : 0.3/2

Left Out: 875.084 $\pm$ 205.572 χ^2/NDF : 55.1/24

Right Out: 2595.925 $\pm$ 1609.507 χ^2/NDF : 4.7/5

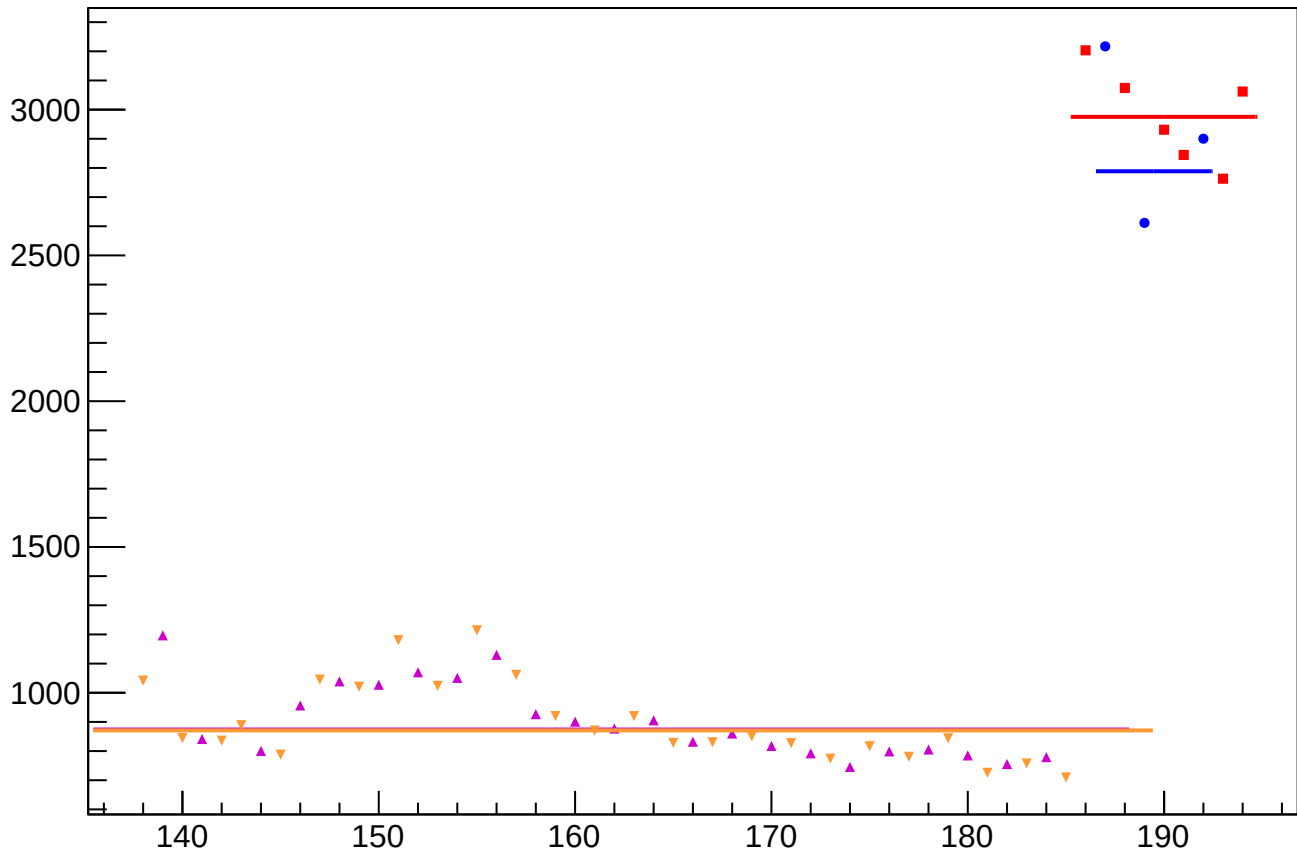
Left In: -41.523 $\pm$ 210.209 χ^2/NDF : 28.1/22

+ sign 870.326 $\pm$ 204.995 χ^2/NDF : 55.5/27

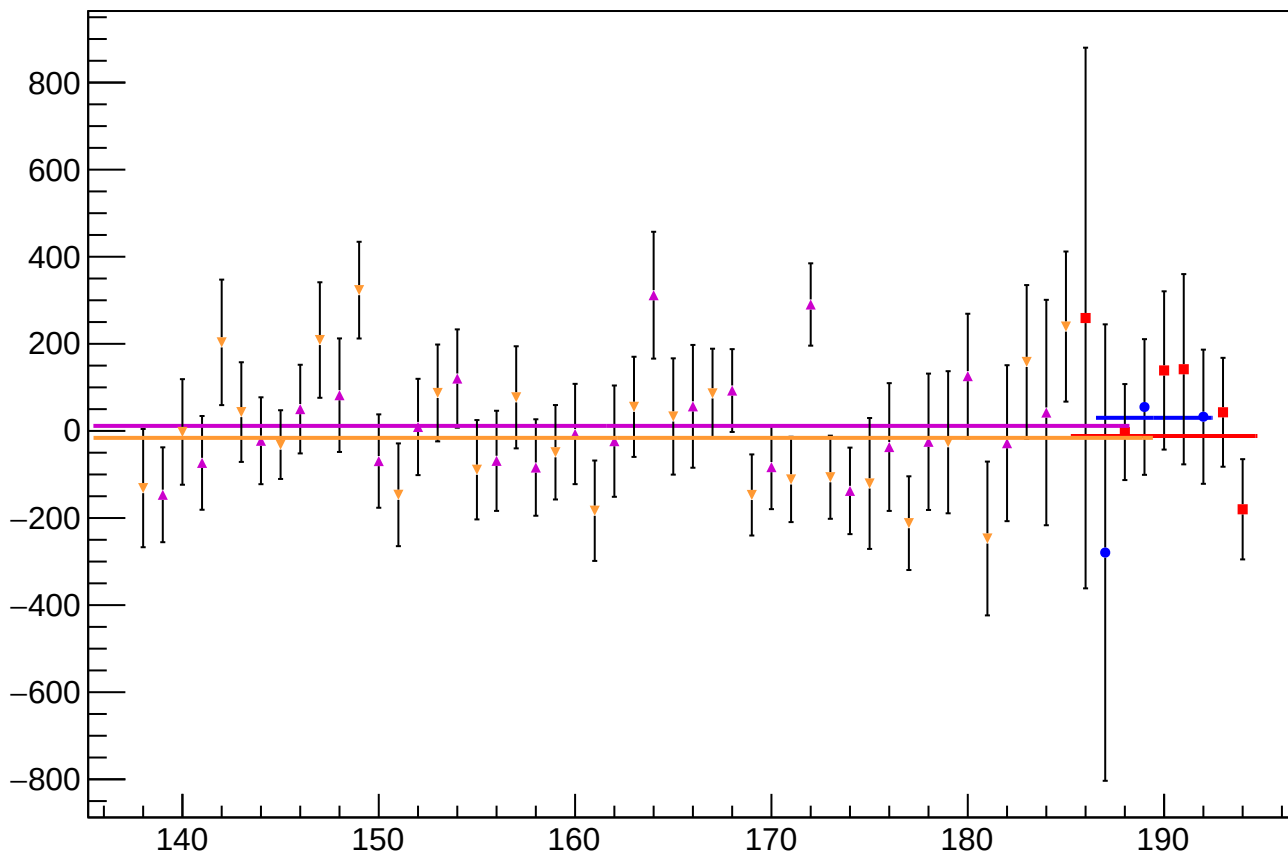
All: 443.743 $\pm$ 146.156 χ^2/NDF : 99.8/56

- sign 2.711 $\pm$ 208.438 χ^2/NDF : 35.4/28

asym_sam_24_68_dd_rms vs Slug



dit_asym_sam_26_48_dd_mean vs Slug



Right In: 30.127 $\pm$ 107.228 χ^2 /NDF: 0.4/2

Left Out: -15.956 $\pm$ 23.377 χ^2 /NDF:34.9/24

Right Out: -11.657 $\pm$ 60.239 χ^2 /NDF: 3.7/5

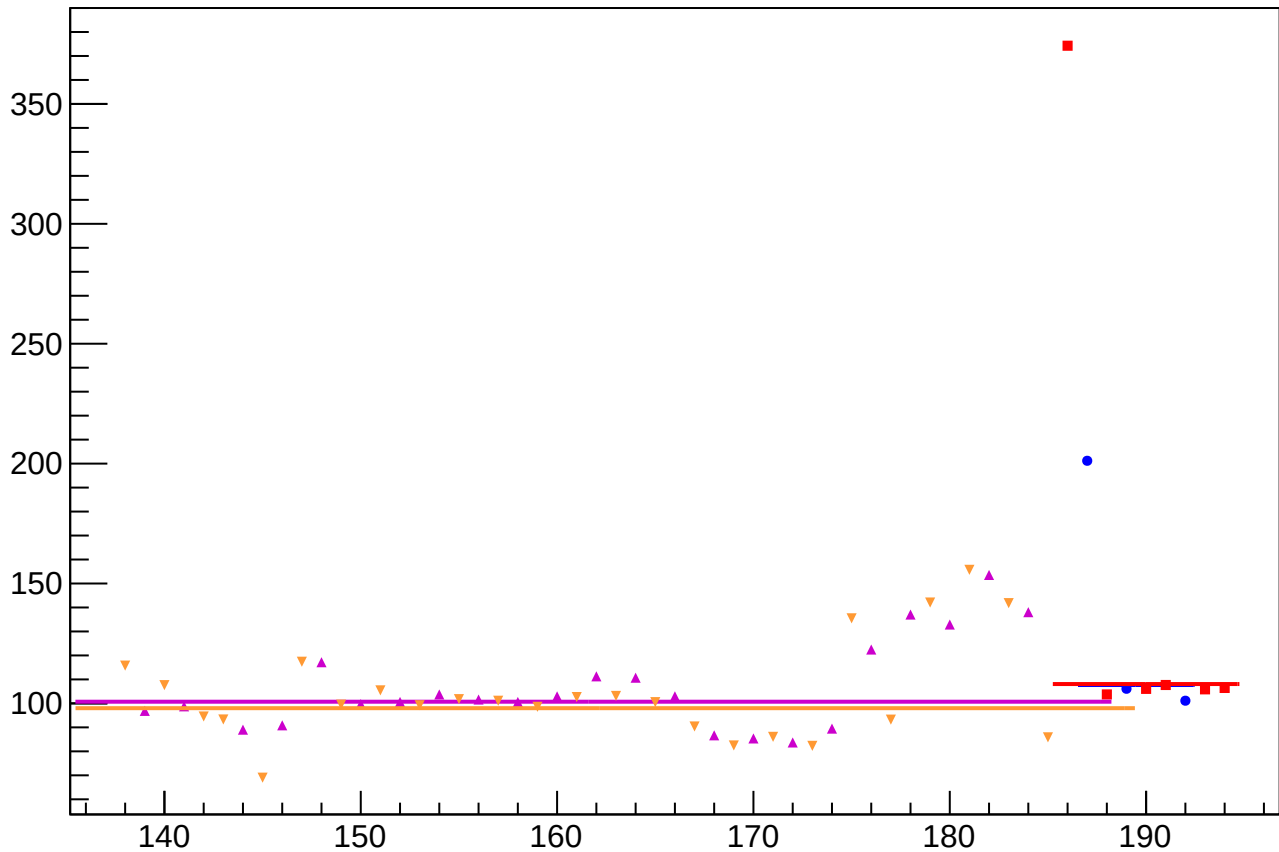
Left In: 11.570 $\pm$ 24.412 χ^2 /NDF:24.0/22

+ sign -13.865 $\pm$ 22.841 χ^2 /NDF: 35.5/27

All: -2.680 $\pm$ 16.074 χ^2 /NDF: 63.7/56

- sign 8.293 $\pm$ 22.625 χ^2 /NDF: 27.8/28

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 107.667 $\pm$ 0.076 χ^2 /NDF: 67485.8/2

Left Out: 98.001 $\pm$ 0.017 χ^2 /NDF: 1155021.9/24

Right Out: 108.071 $\pm$ 0.043 χ^2 /NDF: 372107.9/5

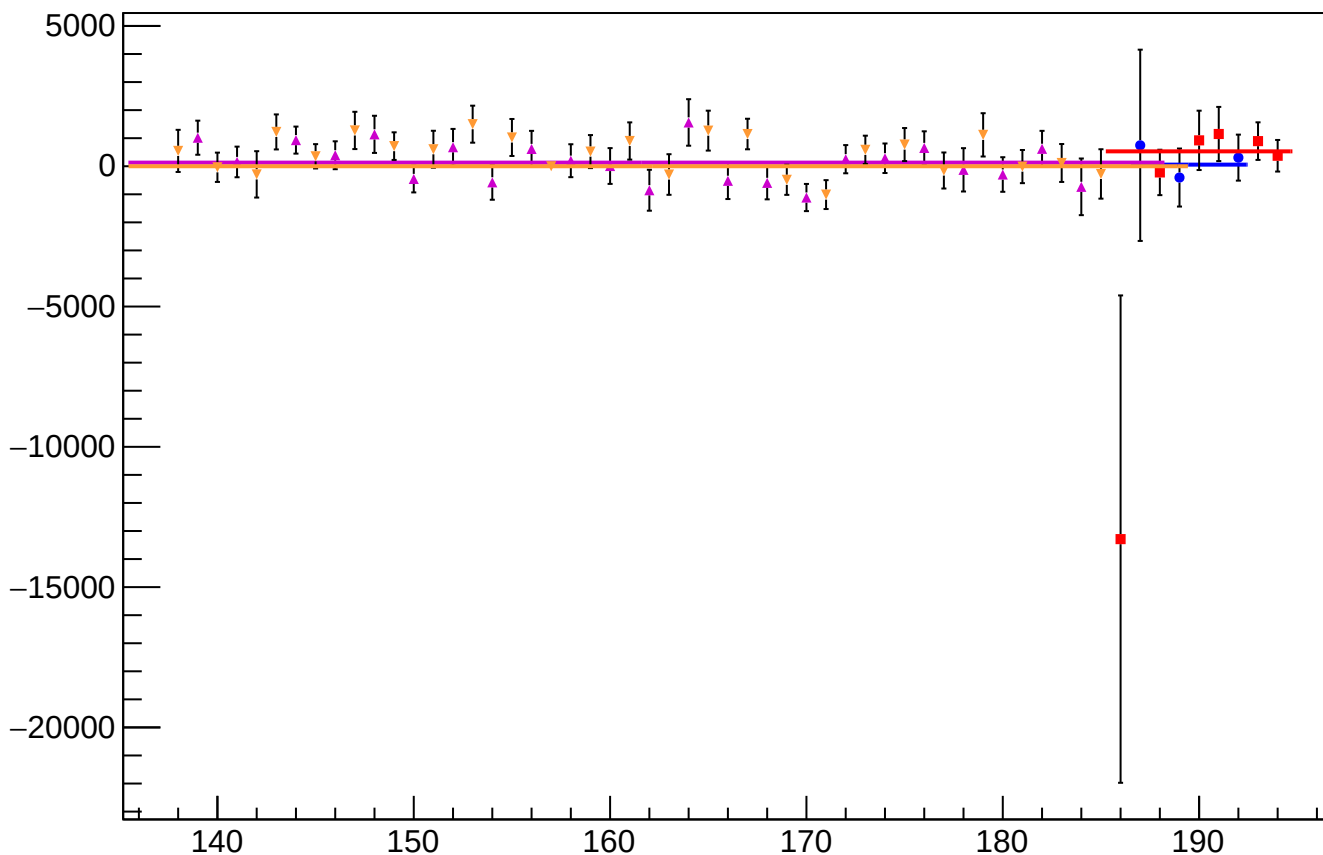
Left In: 100.704 $\pm$ 0.017 χ^2 /NDF: 759922.8/22

+ sign 98.440 $\pm$ 0.016 χ^2 /NDF: 1238021.6/27

All: 100.107 $\pm$ 0.011 χ^2 /NDF: 2416859.6/56

- sign 101.743 $\pm$ 0.016 χ^2 /NDF: 1157727.0/28

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 57.639 ± 631.222 χ^2/NDF : 0.3/2

Left Out: -0.000 ± 0.000 χ^2/NDF : 39.9/24

Right Out: 530.813 ± 335.355 χ^2/NDF : 4.3/5

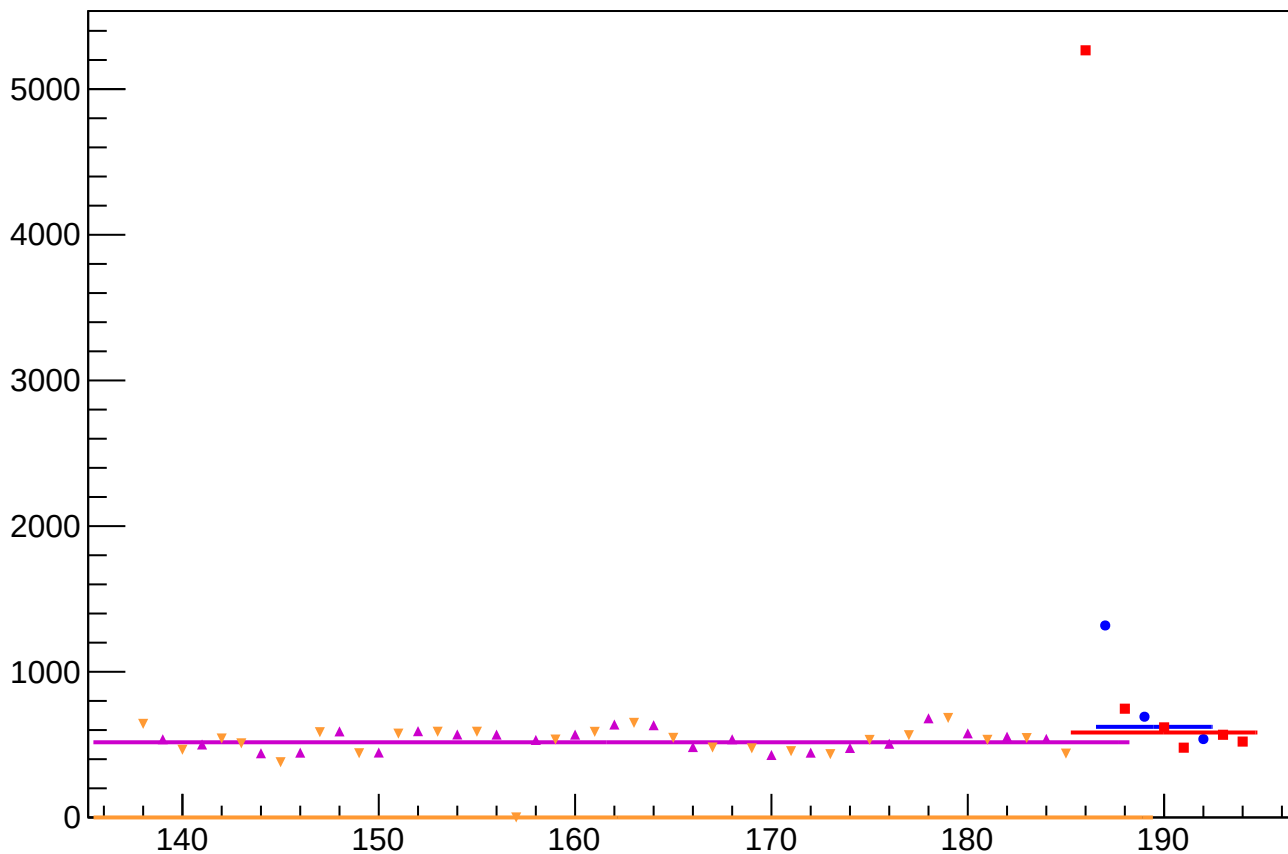
Left In: 129.094 ± 124.247 χ^2/NDF : 28.3/22

+ sign -0.000 ± 0.000 χ^2/NDF : 40.2/27

All: -0.000 ± 0.000 χ^2/NDF : 76.4/56

- sign 177.581 ± 116.508 χ^2/NDF : 33.9/28

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 622.060+/-0.446 χ^2/NDF : 113374.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 34974091.9/24

Right Out: 583.236+/-0.237 χ^2/NDF : 714226.1/5

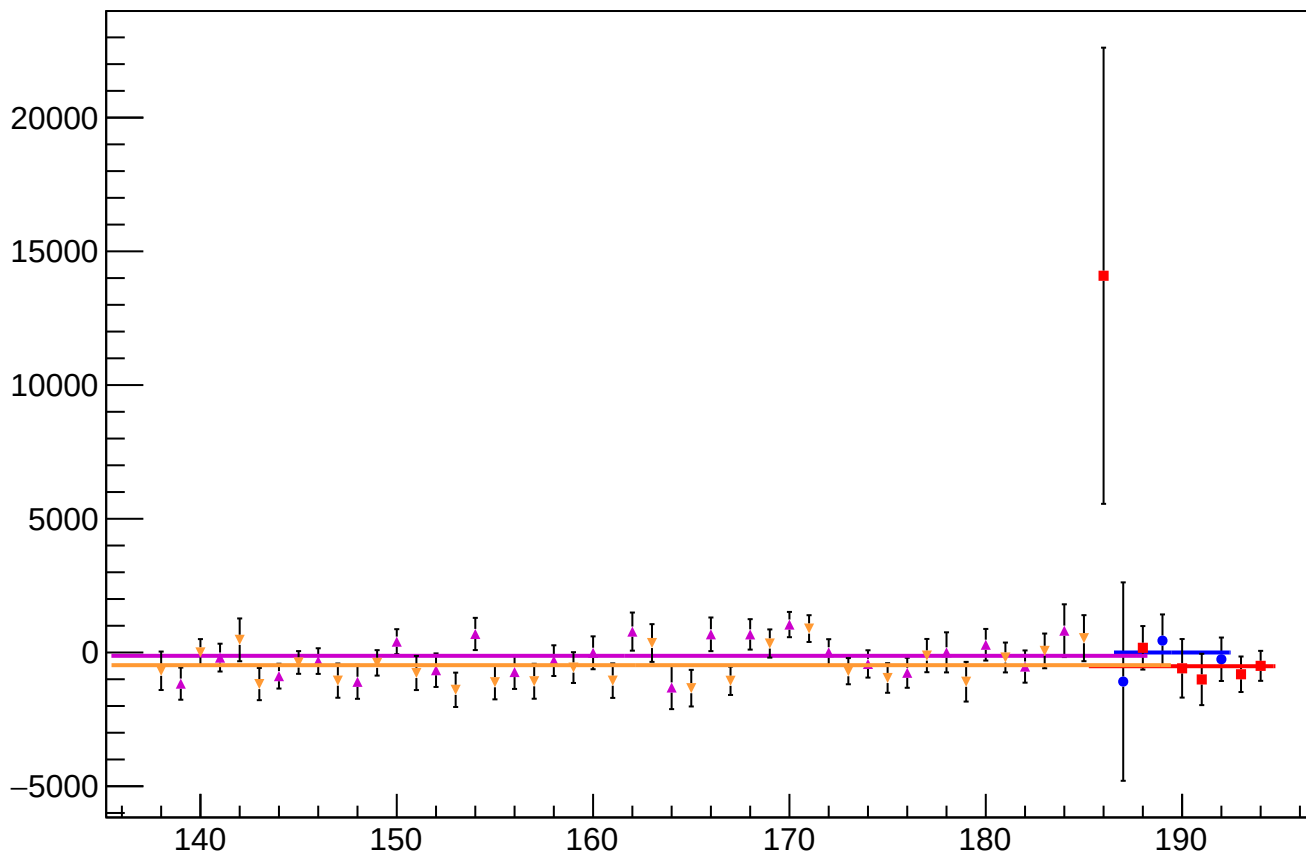
Left In: 516.120+/-0.088 χ^2/NDF : 571744.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 37029828.2/27

All: 0.000+/-0.000 χ^2/NDF : 78876497.2/56

- sign 524.221+/-0.082 χ^2/NDF : 1356409.8/28

asym_sam_26_48_dd_mean vs Slug



Right In: 0.351 ± 616.586 χ^2/NDF : 0.4/2

Left Out: -473.870 ± 117.977 χ^2/NDF : 27.9/24

Right Out: -512.800 ± 335.243 χ^2/NDF : 4.1/5

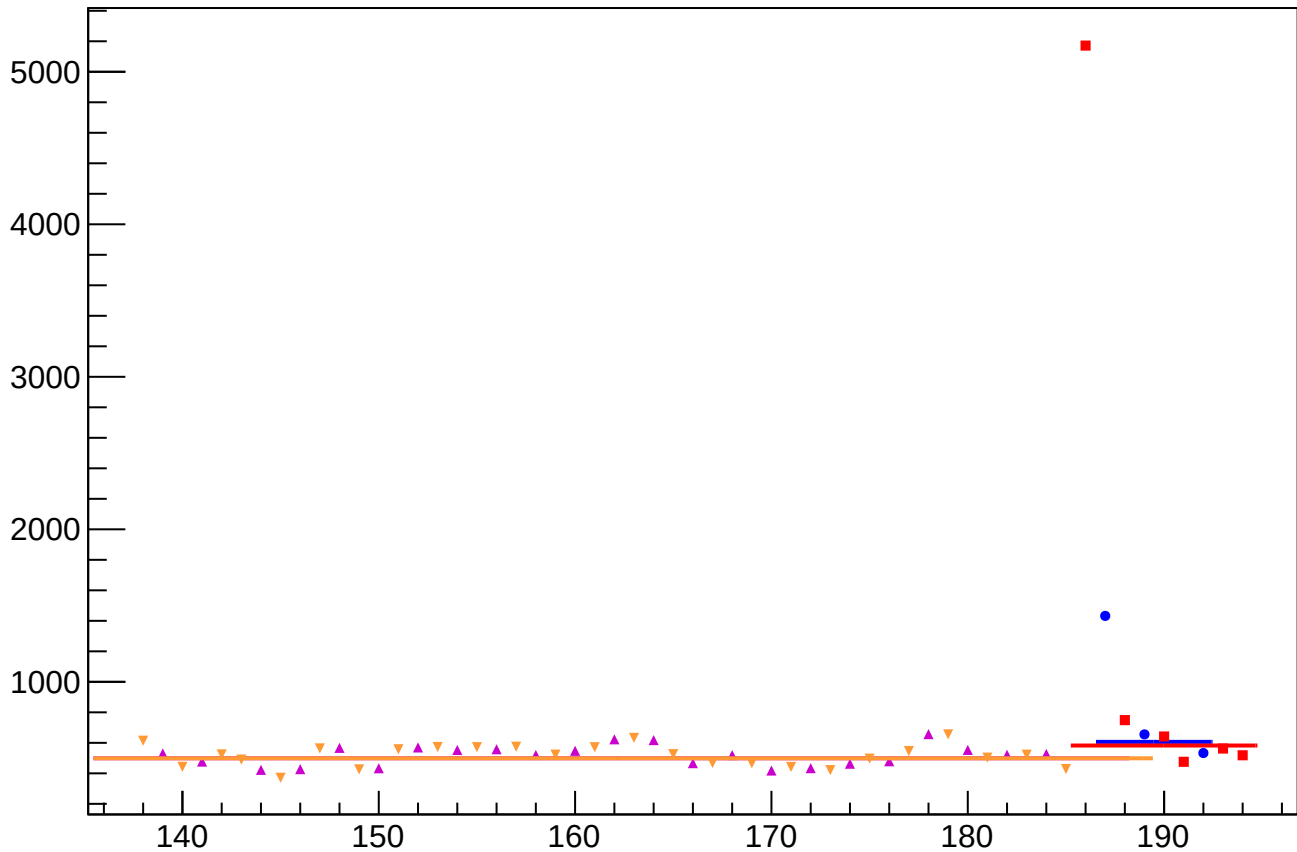
Left In: -124.022 ± 120.216 χ^2/NDF : 30.2/22

+ sign -457.122 ± 115.875 χ^2/NDF : 28.9/27

All: -309.297 ± 80.959 χ^2/NDF : 67.6/56

- sign -168.319 ± 113.160 χ^2/NDF : 35.5/28

asym_sam_26_48_dd_rms vs Slug



Right In: 606.403 $\pm$ 0.436 χ^2/NDF : 120440.6/2

Left Out: 498.662 $\pm$ 0.083 χ^2/NDF : 734652.4/24

Right Out: 582.397 $\pm$ 0.237 χ^2/NDF : 721517.9/5

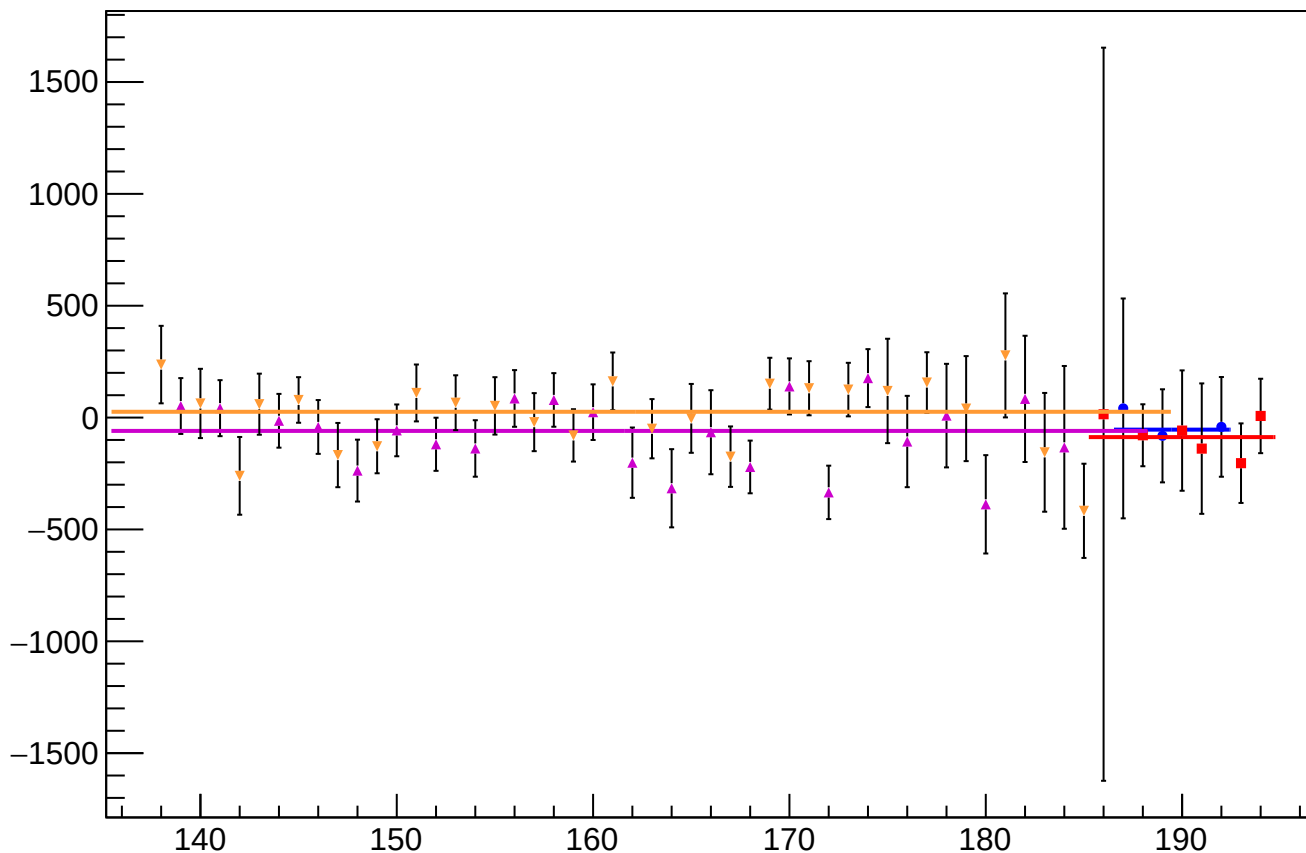
Left In: 498.835 $\pm$ 0.085 χ^2/NDF : 572334.3/22

+ sign 502.468 $\pm$ 0.082 χ^2/NDF : 914002.2/27

All: 505.481 $\pm$ 0.057 χ^2/NDF : 2320600.5/56

- sign 508.356 $\pm$ 0.080 χ^2/NDF : 1403954.8/28

dit_asym_sam_1548_avg_mean vs Slug



Right In: -53.879 ± 145.281 χ^2/NDF : 0.1/2

Left Out: 25.940 ± 28.120 χ^2/NDF : 22.7/24

Right Out: -87.300 ± 82.798 χ^2/NDF : 0.8/5

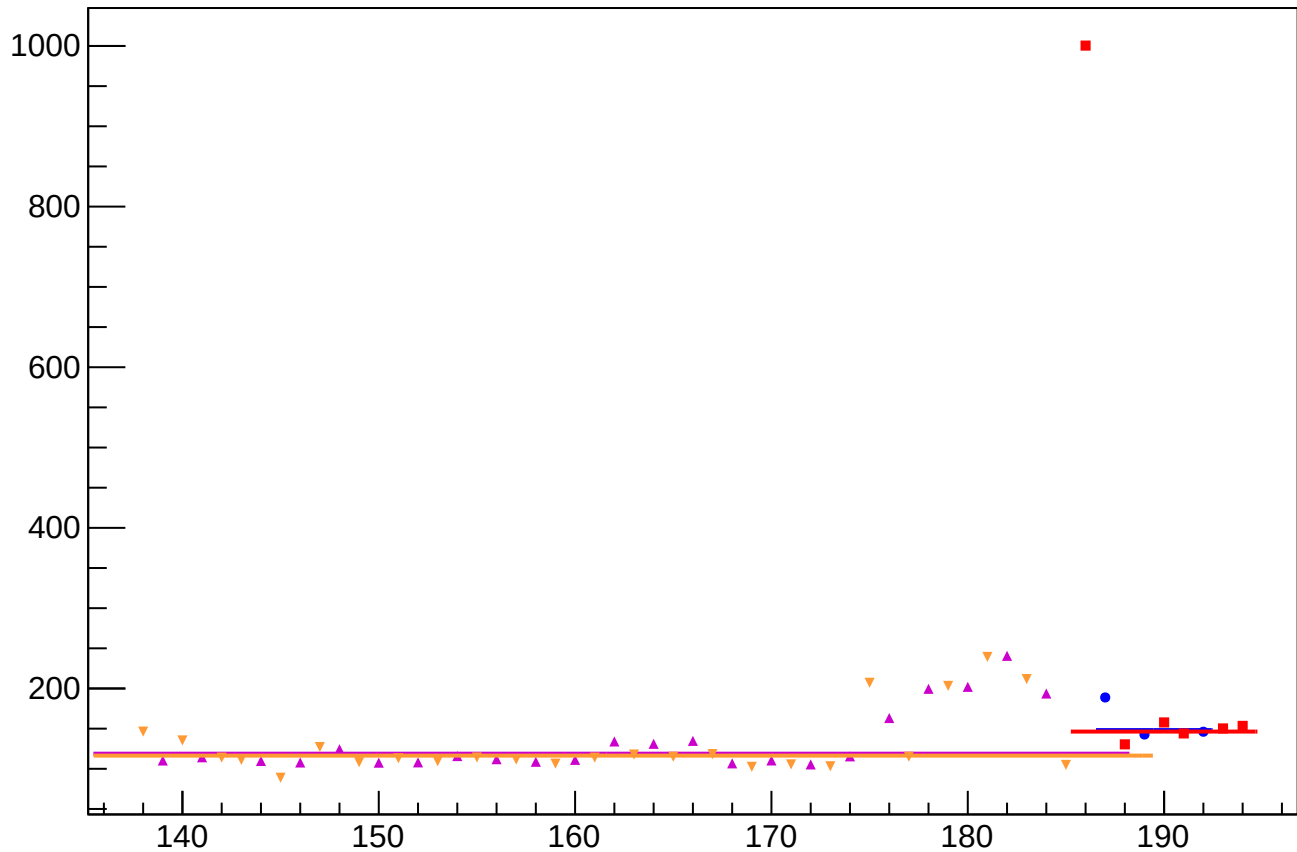
Left In: -59.603 ± 29.184 χ^2/NDF : 25.6/22

+ sign 23.057 ± 27.608 χ^2/NDF : 23.0/27

All: -19.934 ± 19.492 χ^2/NDF : 54.4/56

- sign -62.664 ± 27.524 χ^2/NDF : 26.5/28

dit_asym_sam_1548_avg_rms vs Slug



Right In: 148.202 $\pm$ 0.103 χ^2 /NDF: 15246.0/2

Left Out: 116.427 $\pm$ 0.020 χ^2 /NDF: 1589669.4/24

Right Out: 146.352 $\pm$ 0.059 χ^2 /NDF: 578081.6/5

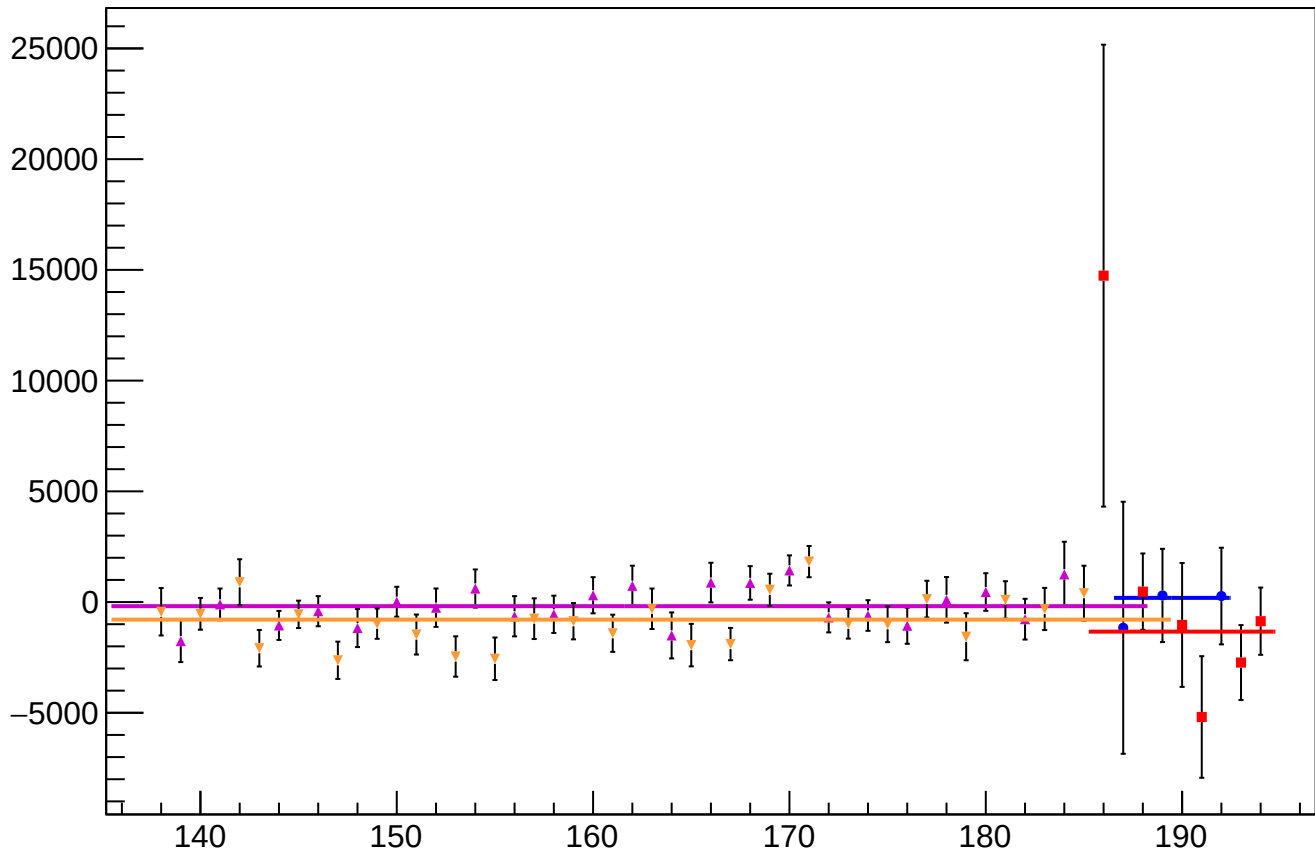
Left In: 118.822 $\pm$ 0.021 χ^2 /NDF: 1289178.7/22

+ sign 117.575 $\pm$ 0.020 χ^2 /NDF: 1697129.1/27

All: 119.726 $\pm$ 0.014 χ^2 /NDF: 3785276.6/56

- sign 121.864 $\pm$ 0.019 χ^2 /NDF: 2063935.4/28

asym_sam_1548_avg_correction_mean vs Slug



Right In: 189.522 $\pm$ 1464.575 χ^2 /NDF: 0.1/2

Left Out: -791.963 $\pm$ 165.971 χ^2 /NDF:43.6/24

Right Out: -1335.205 $\pm$ 848.243 χ^2 /NDF: 6.2/5

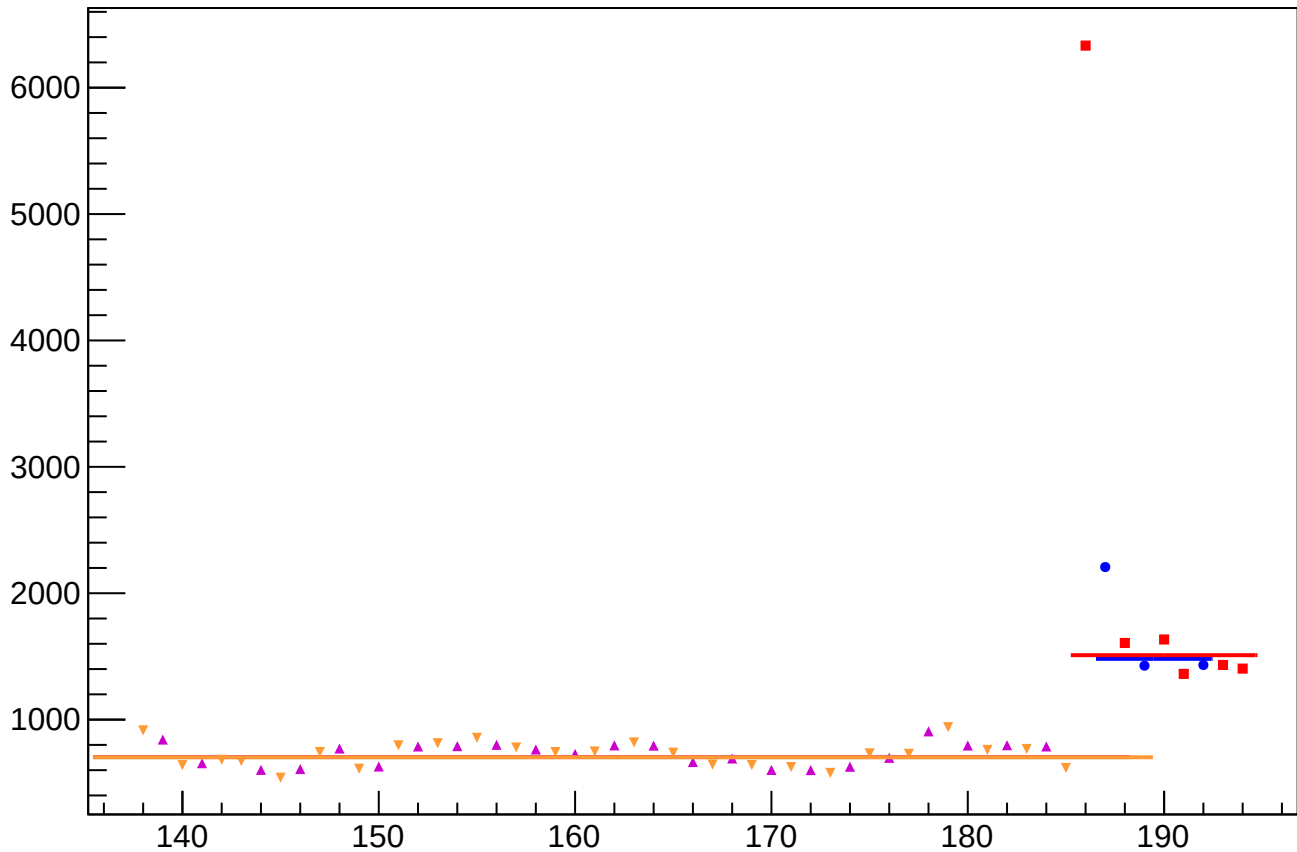
Left In: -185.191 $\pm$ 169.174 χ^2 /NDF:23.4/22

+ sign -779.518 $\pm$ 164.915 χ^2 /NDF: 44.1/27

All: -506.001 $\pm$ 116.962 χ^2 /NDF: 81.1/56

- sign -229.184 $\pm$ 165.907 χ^2 /NDF: 31.4/28

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1481.085 $\pm$ 1.036 χ^2 /NDF: 34870.3/2

Left Out: 702.152 $\pm$ 0.117 χ^2 /NDF: 691552.2/24

Right Out: 1509.917 $\pm$ 0.600 χ^2 /NDF: 457715.2/5

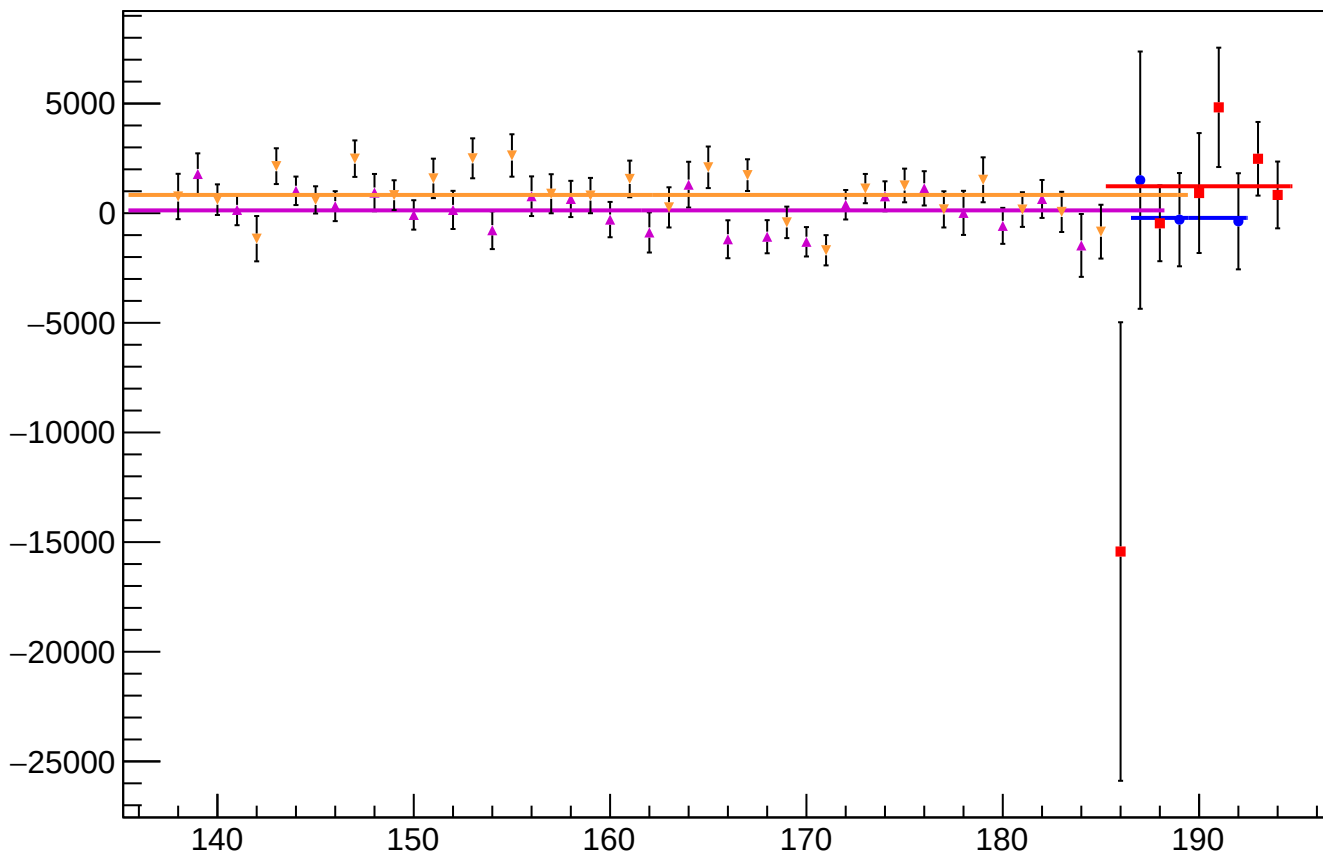
Left In: 703.710 $\pm$ 0.120 χ^2 /NDF: 533573.3/22

+ sign 712.028 $\pm$ 0.117 χ^2 /NDF: 1284976.5/27

All: 723.222 $\pm$ 0.083 χ^2 /NDF: 4032376.1/56

- sign 734.551 $\pm$ 0.117 χ^2 /NDF: 2728859.5/28

asym_sam_1548_avg_mean vs Slug



Right In: -214.933 ± 1477.073 χ^2/NDF : 0.1/2

Left Out: 832.553 ± 163.428 χ^2/NDF : 43.8/24

Right Out: 1227.721 ± 845.558 χ^2/NDF : 5.9/5

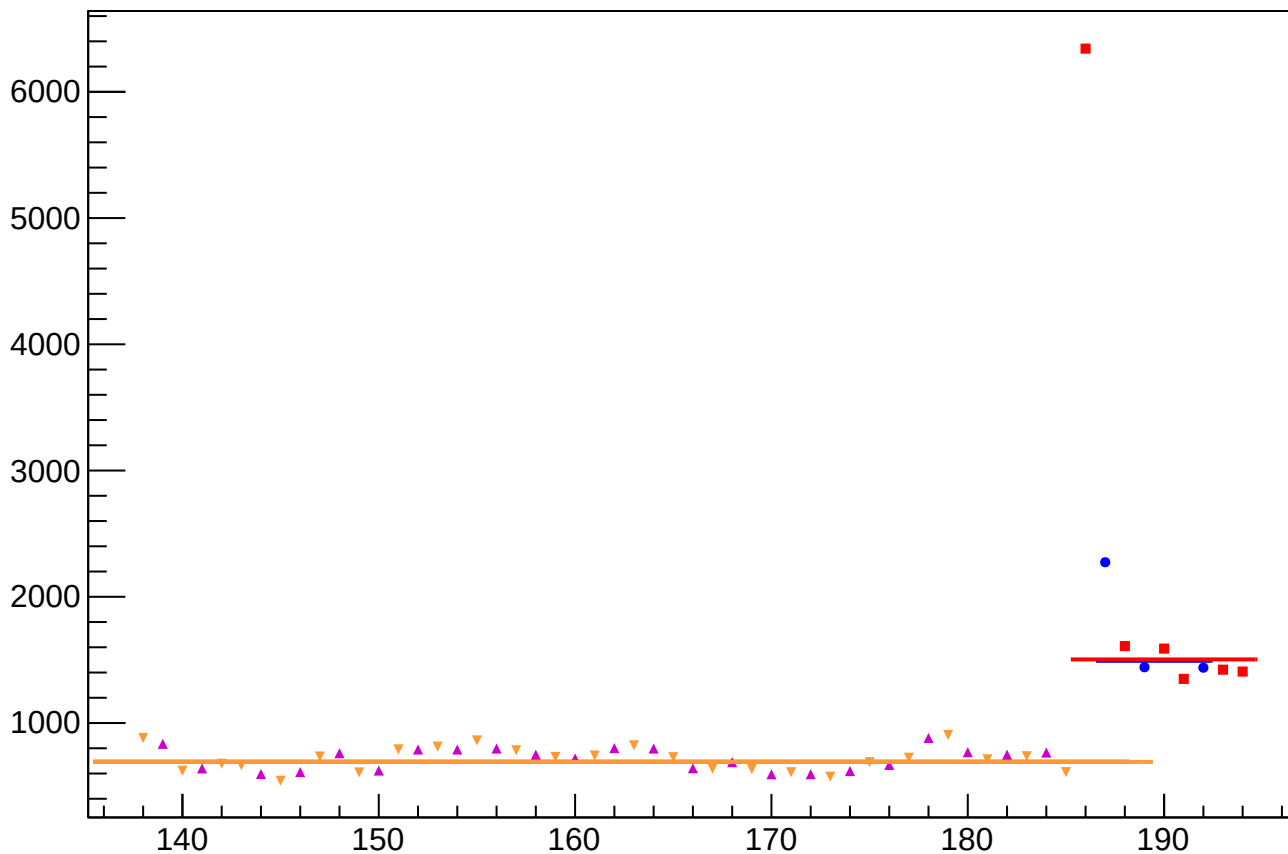
Left In: 128.120 ± 166.866 χ^2/NDF : 25.3/22

+ sign 819.885 ± 162.437 χ^2/NDF : 44.4/27

All: 497.148 ± 115.307 χ^2/NDF : 85.1/56

- sign 169.338 ± 163.708 χ^2/NDF : 32.8/28

asym_sam_1548_avg_rms vs Slug



Right In: 1492.848 $\pm$ 1.044 χ^2 /NDF: 37815.1/2

Left Out: 692.071 $\pm$ 0.116 χ^2 /NDF: 657636.6/24

Right Out: 1503.855 $\pm$ 0.598 χ^2 /NDF: 456878.2/5

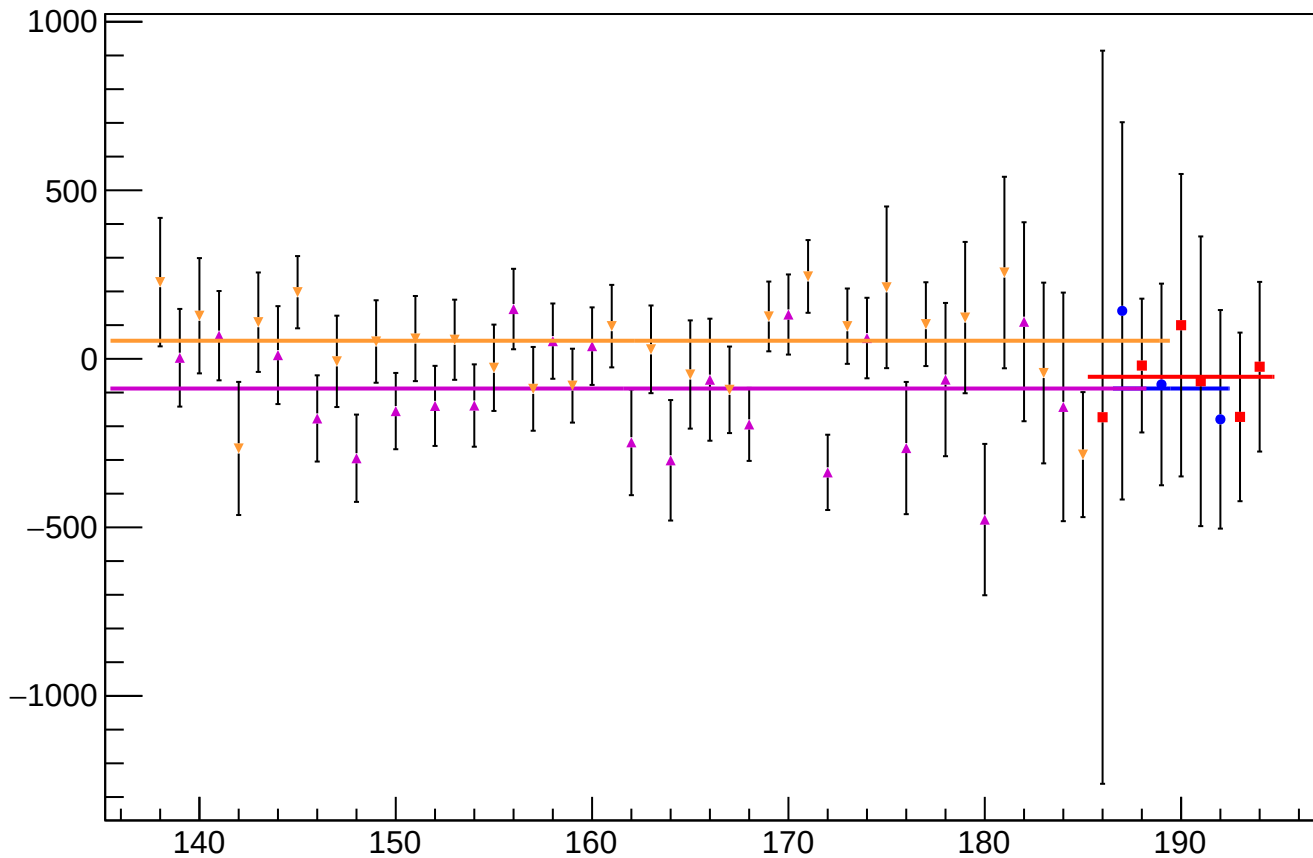
Left In: 693.615 $\pm$ 0.118 χ^2 /NDF: 520692.6/22

+ sign 701.755 $\pm$ 0.115 χ^2 /NDF: 1276169.8/27

All: 712.784 $\pm$ 0.082 χ^2 /NDF: 4039904.1/56

- sign 723.987 $\pm$ 0.116 χ^2 /NDF: 2745148.3/28

dit_asym_sam_3748_avg_mean vs Slug



Right In: -88.018 ± 204.626 χ^2/NDF : 0.3/2

Left Out: 53.701 ± 27.462 χ^2/NDF : 19.2/24

Right Out: -53.238 ± 120.918 χ^2/NDF : 0.4/5

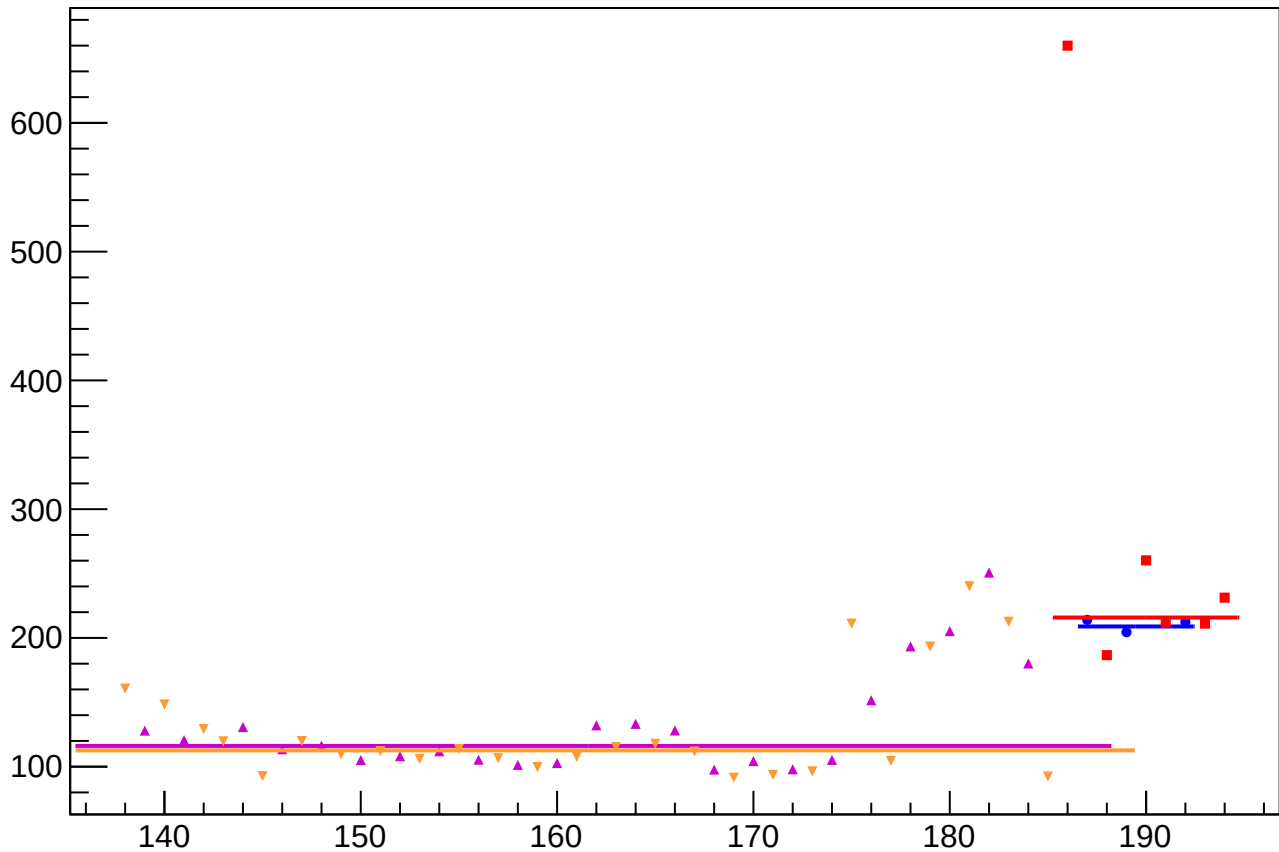
Left In: -88.085 ± 28.764 χ^2/NDF : 30.4/22

+ sign 51.194 ± 27.218 χ^2/NDF : 19.9/27

All: -15.609 ± 19.511 χ^2/NDF : 63.2/56

- sign -86.218 ± 27.983 χ^2/NDF : 30.8/28

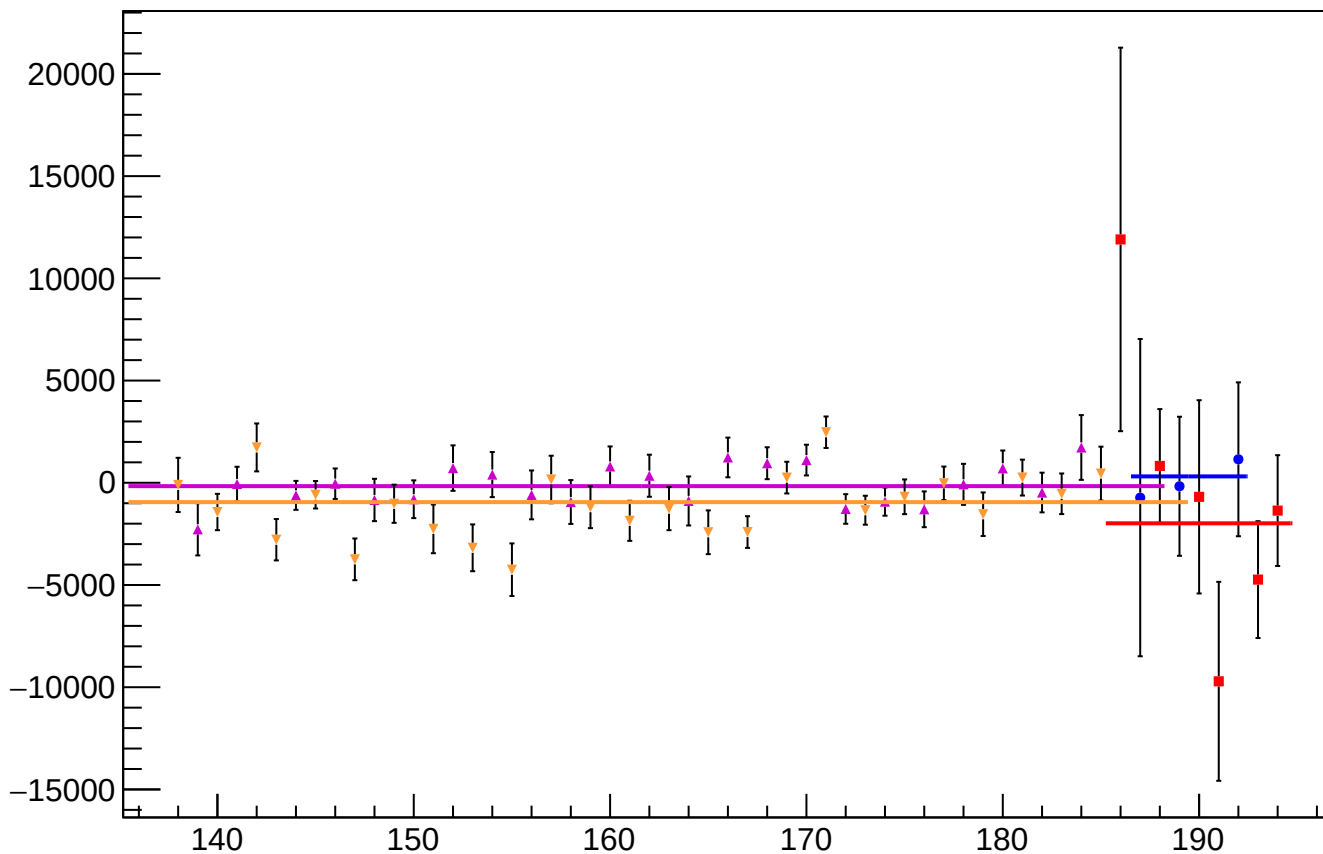
dit_asym_sam_3748_avg_rms vs Slug



Right In: 208.898 $\pm$ 0.145 χ^2 /NDF: 846.9/2
 Left Out: 112.668 $\pm$ 0.019 χ^2 /NDF: 1851455.7/24
 Right Out: 215.844 $\pm$ 0.086 χ^2 /NDF: 404943.1/5
 Left In: 116.108 $\pm$ 0.020 χ^2 /NDF: 1438879.3/22

+ sign 114.371 $\pm$ 0.019 χ^2 /NDF: 2286788.3/27
 All: 117.812 $\pm$ 0.014 χ^2 /NDF: 5484181.7/56
 - sign 121.449 $\pm$ 0.020 χ^2 /NDF: 3131631.9/28

asym_sam_3748_avg_correction_mean vs Slug



Right In: 312.440 ± 2399.491 χ^2/NDF : 0.1/2

Left Out: -946.412 ± 188.668 χ^2/NDF : 63.3/24

Right Out: -1981.828 ± 1433.926 χ^2/NDF : 6.8/5

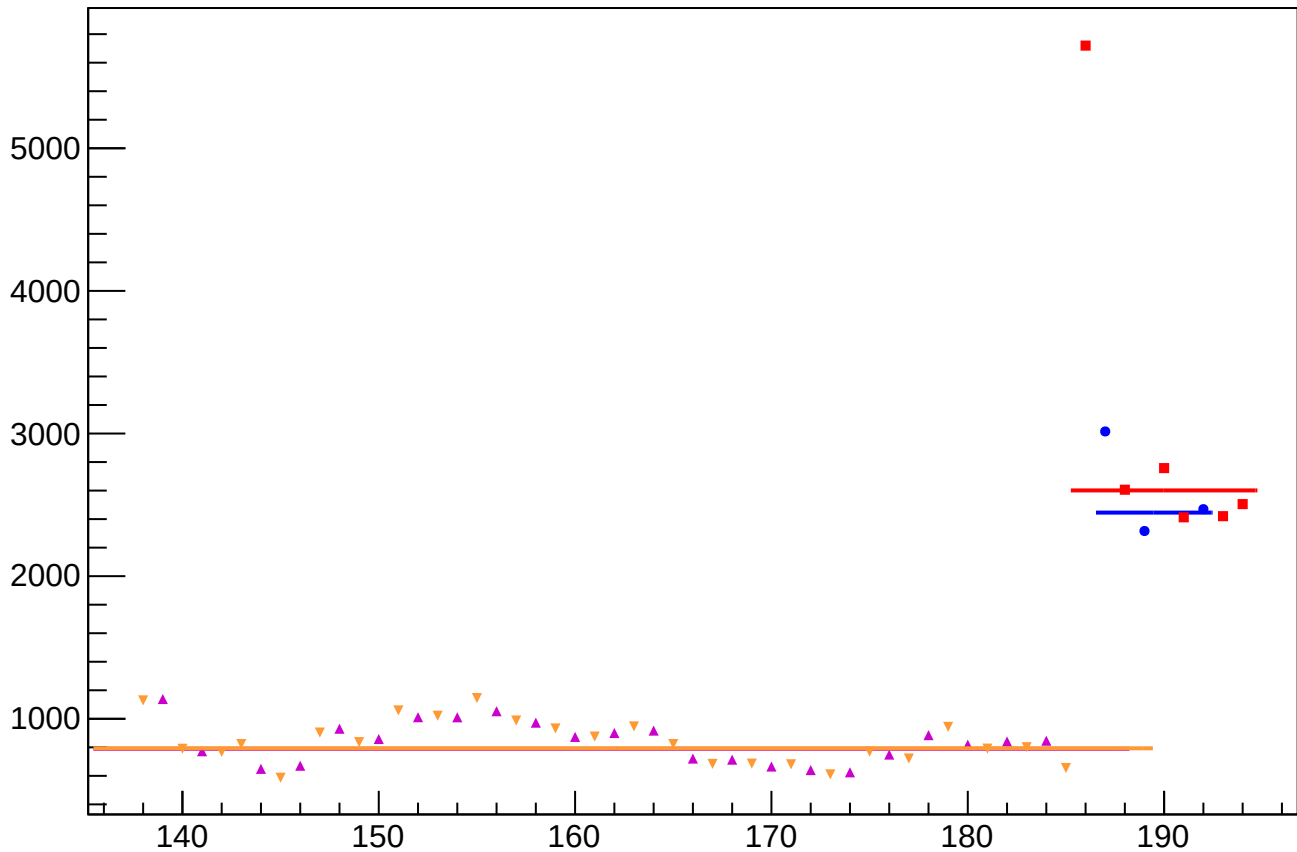
Left In: -164.202 ± 191.131 χ^2/NDF : 22.0/22

+ sign -938.677 ± 188.088 χ^2/NDF : 63.7/27

All: -569.995 ± 133.479 χ^2/NDF : 101.8/56

- sign -195.931 ± 189.455 χ^2/NDF : 30.4/28

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2445.674 $\pm$ 1.697 χ^2 /NDF: 13710.3/2

Left Out: 793.154 $\pm$ 0.133 χ^2 /NDF: 1158856.1/24

Right Out: 2601.111 $\pm$ 1.014 χ^2 /NDF: 236743.5/5

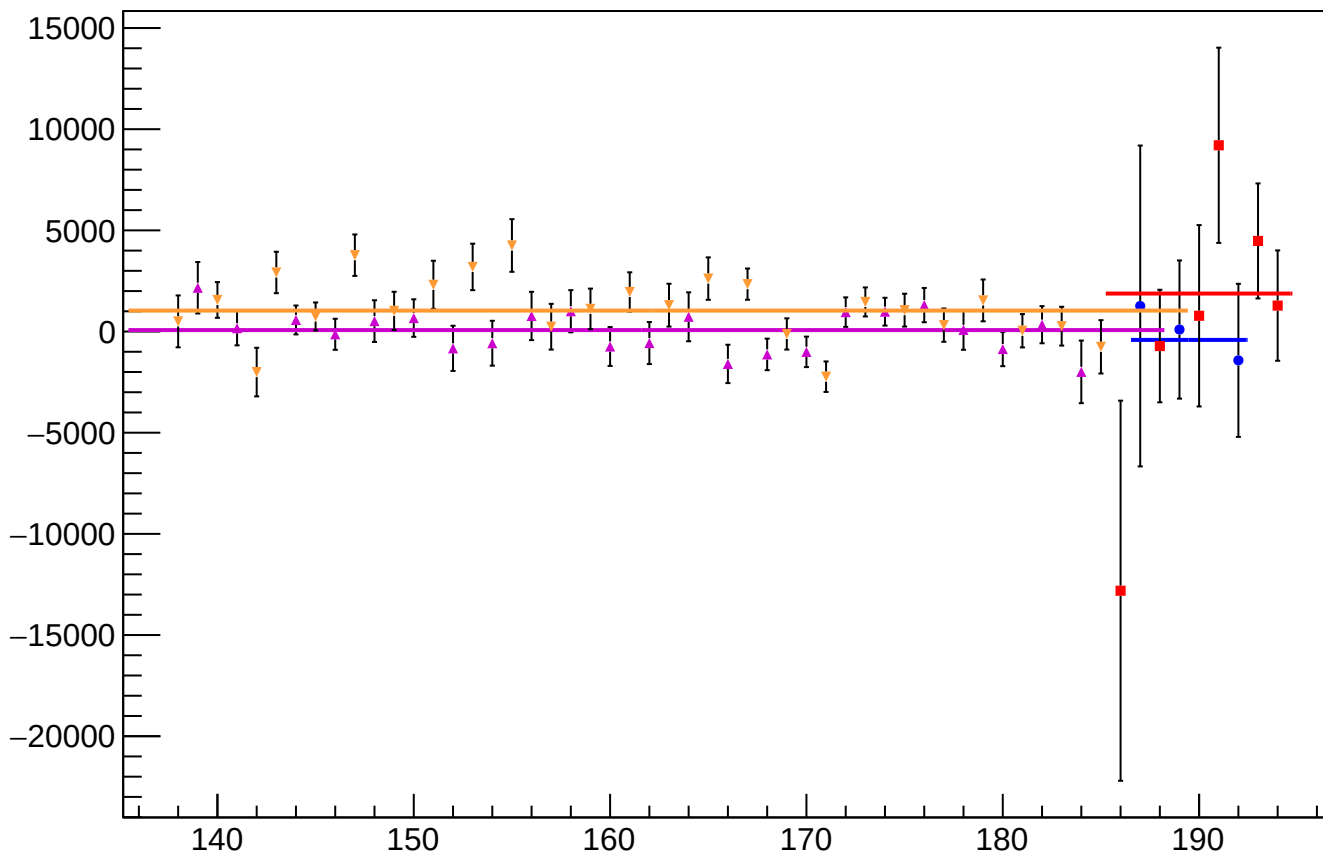
Left In: 789.699 $\pm$ 0.135 χ^2 /NDF: 1019959.0/22

+ sign 803.308 $\pm$ 0.133 χ^2 /NDF: 2115342.0/27

All: 812.249 $\pm$ 0.094 χ^2 /NDF: 6517051.6/56

- sign 821.320 $\pm$ 0.134 χ^2 /NDF: 4392605.5/28

asym_sam_3748_avg_mean vs Slug



Right In: -413.499 ± 2414.839 $\chi^2/\text{NDF}: 0.1/2$

Left Out: 1035.605 ± 187.244 $\chi^2/\text{NDF}: 61.4/24$

Right Out: 1877.447 ± 1426.203 $\chi^2/\text{NDF}: 6.6/5$

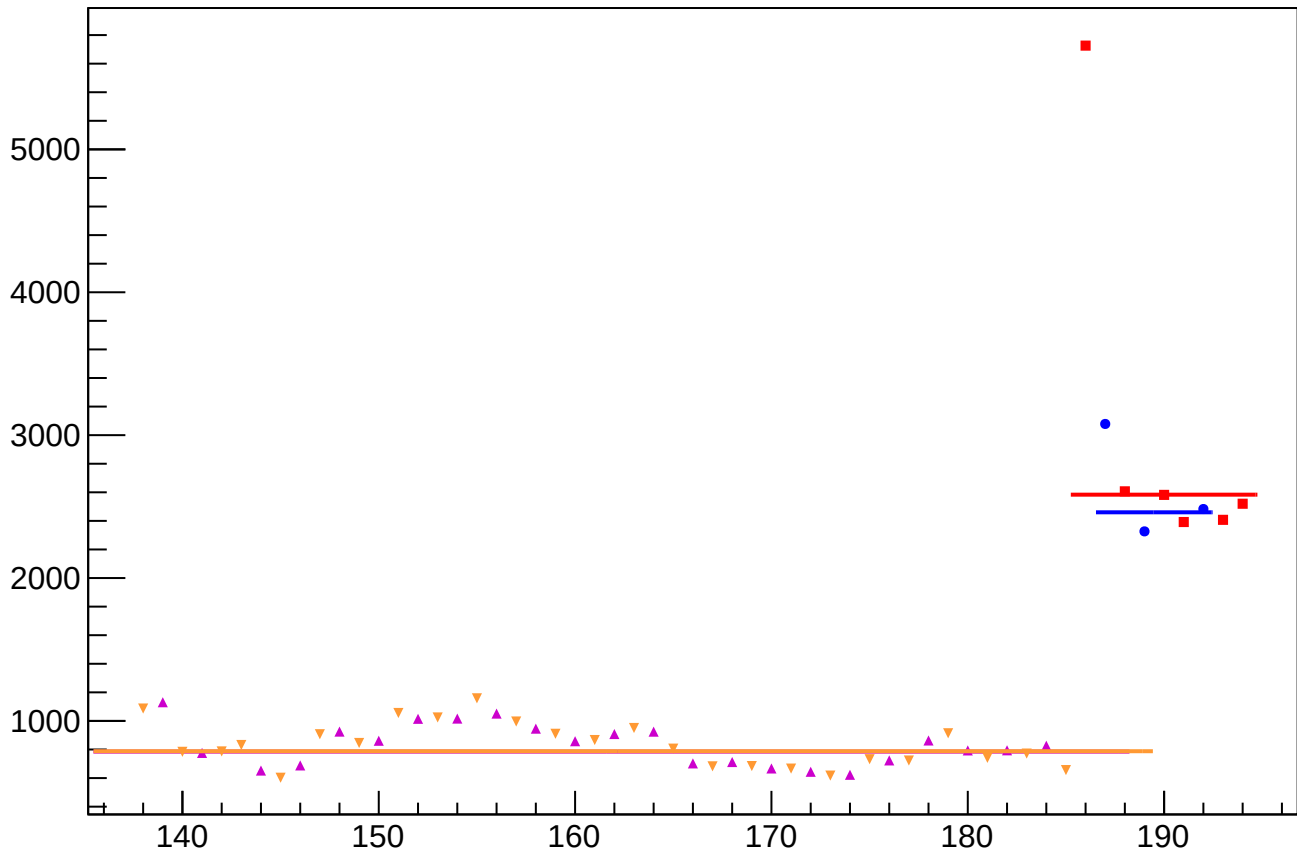
Left In: 70.852 ± 190.155 $\chi^2/\text{NDF}: 23.4/22$

+ sign 1026.944 ± 186.683 $\chi^2/\text{NDF}: 61.9/27$

All: 569.121 ± 132.638 $\chi^2/\text{NDF}: 105.5/56$

- sign 102.406 ± 188.487 $\chi^2/\text{NDF}: 31.5/28$

asym_sam_3748_avg_rms vs Slug



Right In: 2460.045+/-1.708 χ^2/NDF : 15294.5/2

Left Out: 787.981+/-0.132 χ^2/NDF : 1113986.0/24

Right Out: 2583.493+/-1.008 χ^2/NDF : 235906.0/5

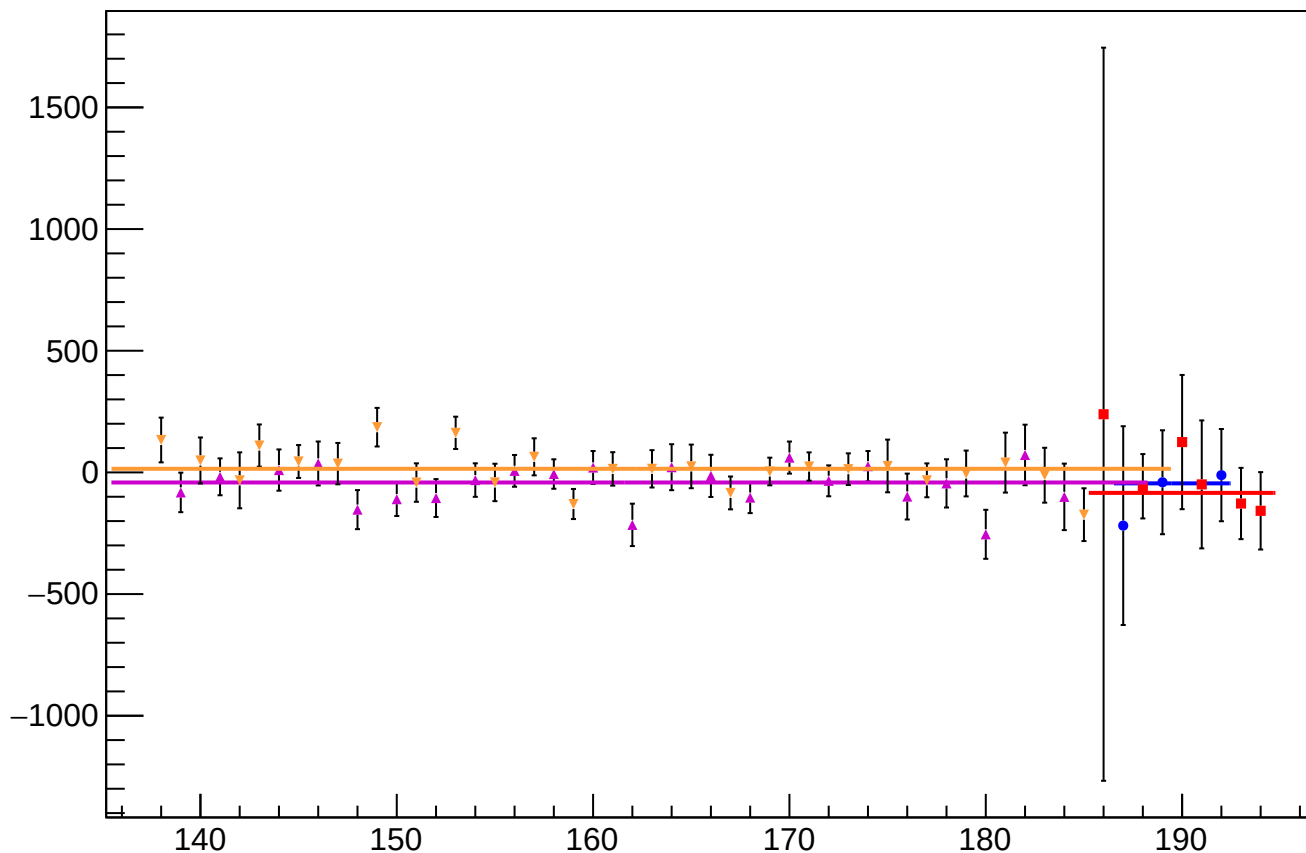
Left In: 785.179+/-0.134 χ^2/NDF : 976942.0/22

+ sign 797.974+/-0.132 χ^2/NDF : 2082418.7/27

All: 807.192+/-0.094 χ^2/NDF : 6429361.9/56

- sign 816.589+/-0.133 χ^2/NDF : 4337095.9/28

dit_asym_sam_1526_avg_mean vs Slug



Right In: -45.009 ± 133.923 χ^2/NDF : 0.2/2

Left Out: 14.879 ± 15.529 χ^2/NDF : 25.8/24

Right Out: -84.146 ± 76.389 χ^2/NDF : 1.0/5

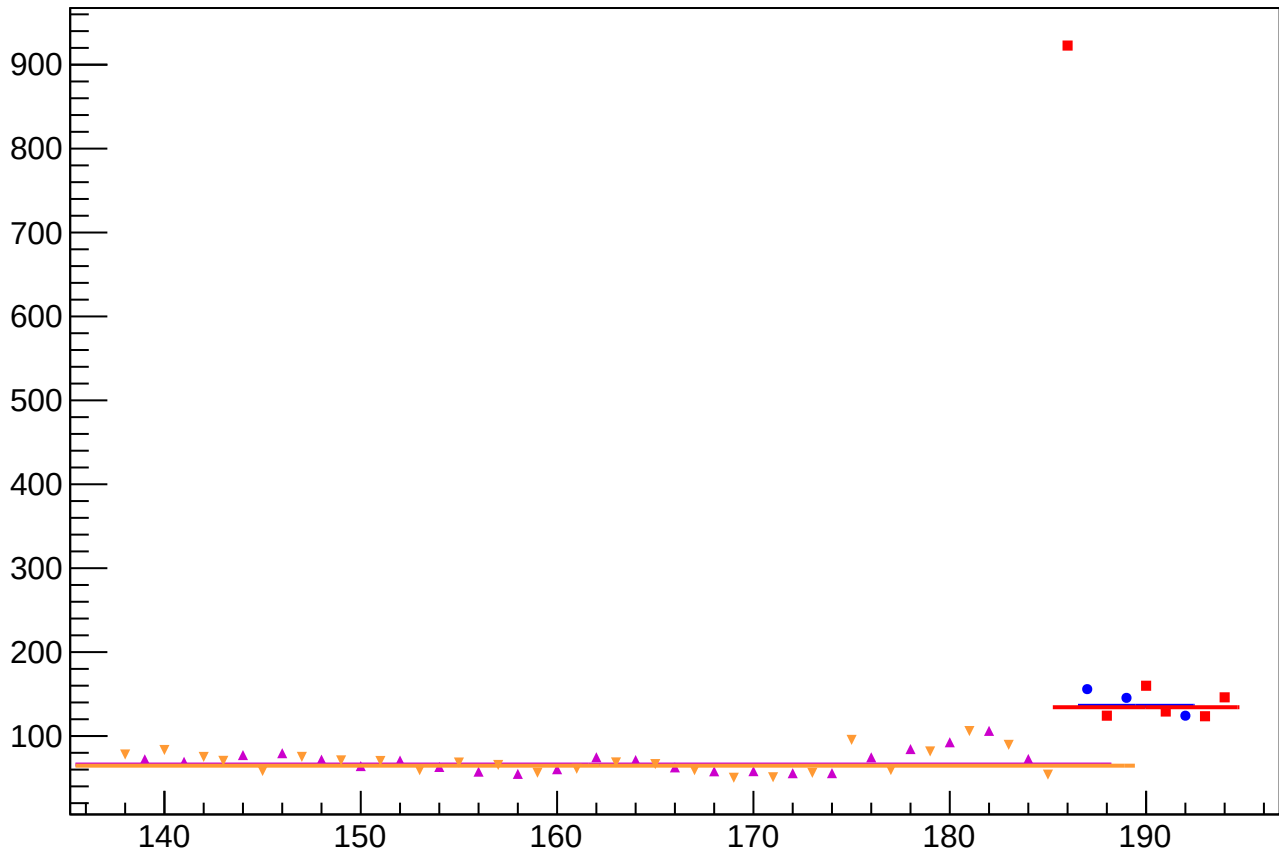
Left In: -41.428 ± 16.130 χ^2/NDF : 21.7/22

+ sign 14.084 ± 15.426 χ^2/NDF : 26.2/27

All: -13.929 ± 11.032 χ^2/NDF : 56.0/56

- sign -43.252 ± 15.782 χ^2/NDF : 23.0/28

dit_asym_sam_1526_avg_rms vs Slug



Right In: 135.992 ± 0.095 χ^2/NDF : 16399.7/2

Left Out: 64.680 ± 0.011 χ^2/NDF : 1150386.4/24

Right Out: 134.312 ± 0.054 χ^2/NDF : 599292.3/5

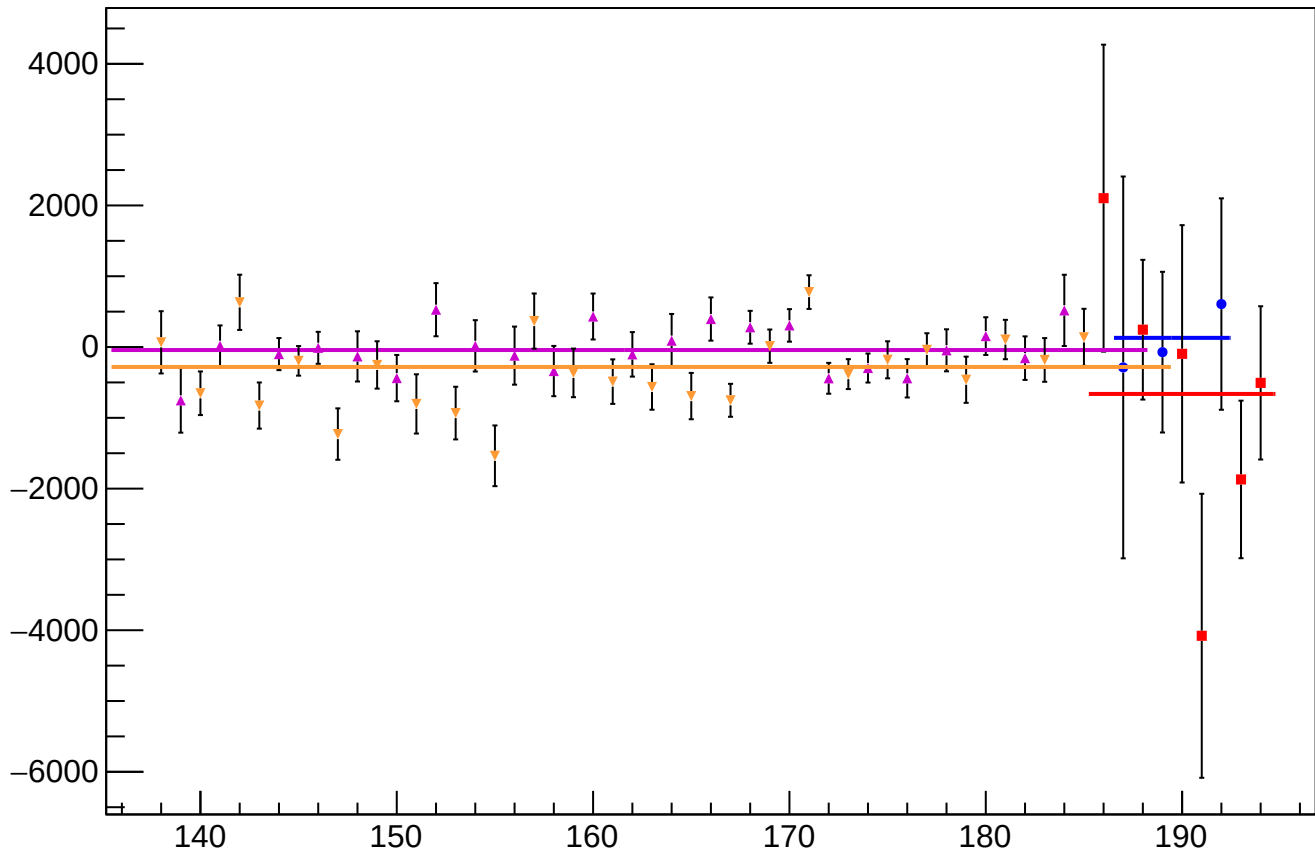
Left In: 66.016 ± 0.011 χ^2/NDF : 868433.2/22

+ sign 65.626 ± 0.011 χ^2/NDF : 1726341.7/27

All: 67.241 ± 0.008 χ^2/NDF : 4769348.4/56

- sign 68.931 ± 0.011 χ^2/NDF : 2998145.4/28

asym_sam_1526_avg_correction_mean vs Slug



Right In: 129.677 $\pm$ 856.703 χ^2 /NDF: 0.2/2

Left Out: -281.407 $\pm$ 59.534 χ^2 /NDF: 66.5/24

Right Out: -662.490 $\pm$ 538.226 χ^2 /NDF: 6.7/5

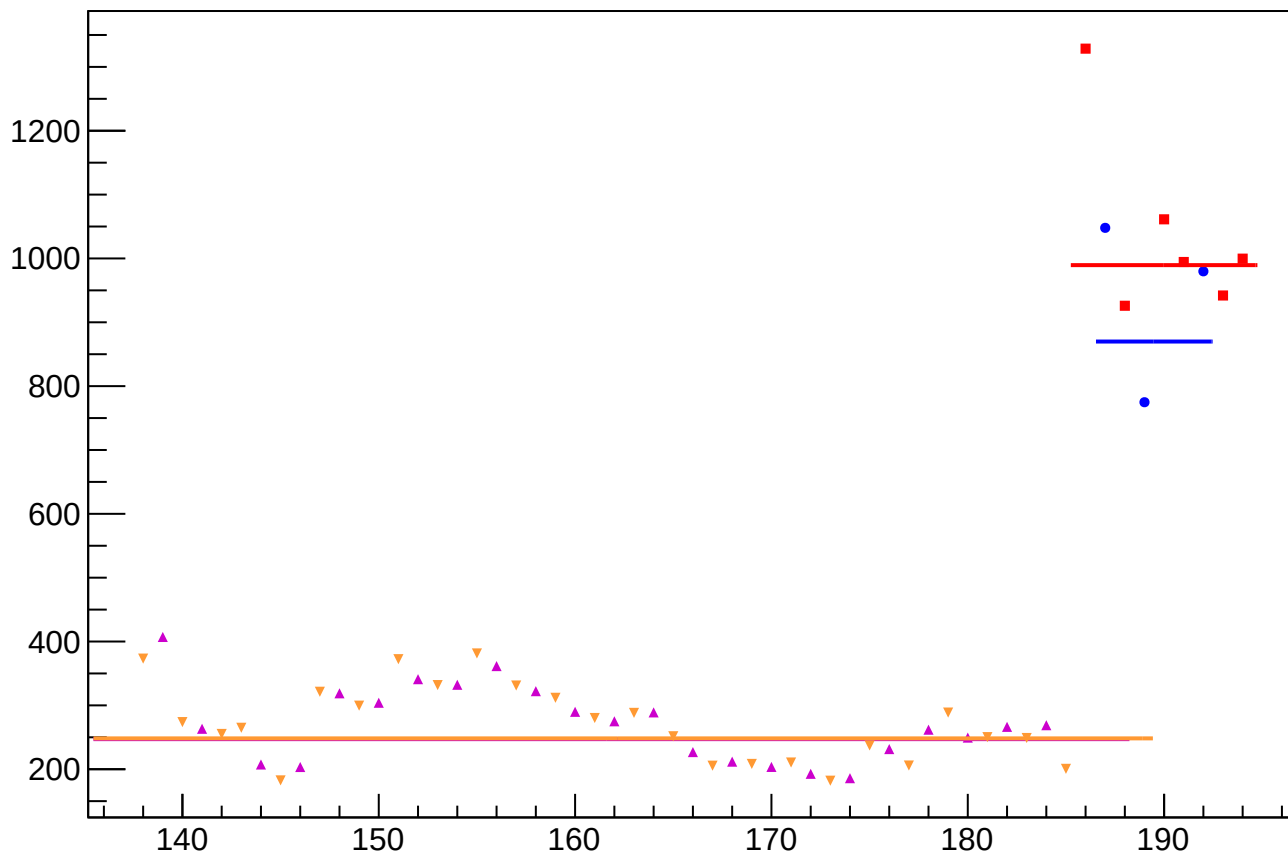
Left In: -42.368 $\pm$ 60.284 χ^2 /NDF: 24.7/22

+ sign -279.431 $\pm$ 59.391 χ^2 /NDF: 66.8/27

All: -165.739 $\pm$ 42.178 χ^2 /NDF: 106.9/56

- sign -50.051 $\pm$ 59.909 χ^2 /NDF: 32.7/28

asym_sam_1526_avg_correction_rms vs Slug



Right In: 869.861 $\pm$ 0.606 χ^2 /NDF: 33595.8/2

Left Out: 248.297 $\pm$ 0.042 χ^2 /NDF: 1687698.9/24

Right Out: 989.529 $\pm$ 0.381 χ^2 /NDF: 64187.4/5

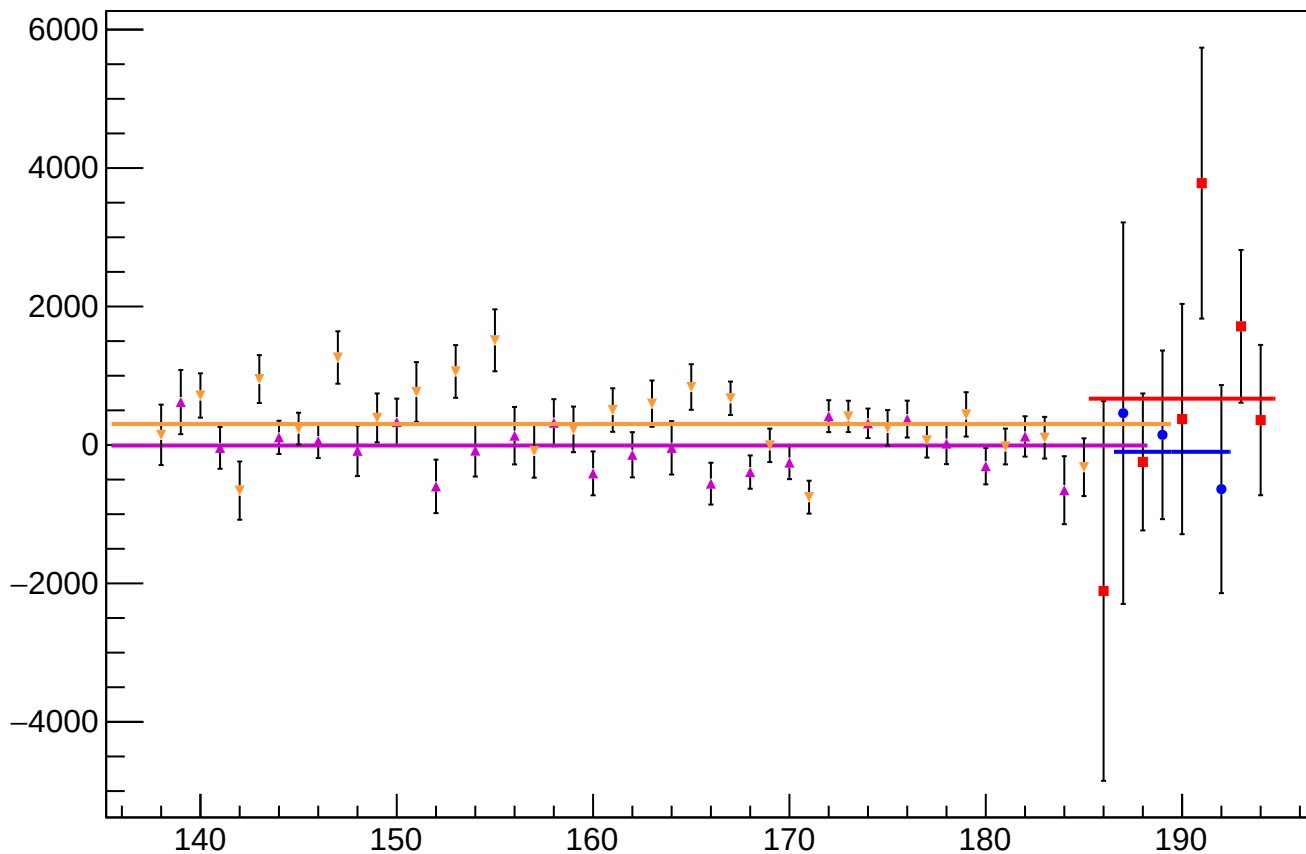
Left In: 247.105 $\pm$ 0.043 χ^2 /NDF: 1539330.1/22

+ sign 251.284 $\pm$ 0.042 χ^2 /NDF: 2769024.0/27

All: 253.772 $\pm$ 0.030 χ^2 /NDF: 8137901.3/56

- sign 256.304 $\pm$ 0.042 χ^2 /NDF: 5361795.0/28

asym_sam_1526_avg_mean vs Slug



Right In: -98.770 $\pm$ 894.884 χ^2/NDF : 0.2/2

Left Out: 302.420 $\pm$ 60.991 χ^2/NDF :63.8/24

Right Out: 668.638 $\pm$ 538.589 χ^2/NDF : 5.4/5

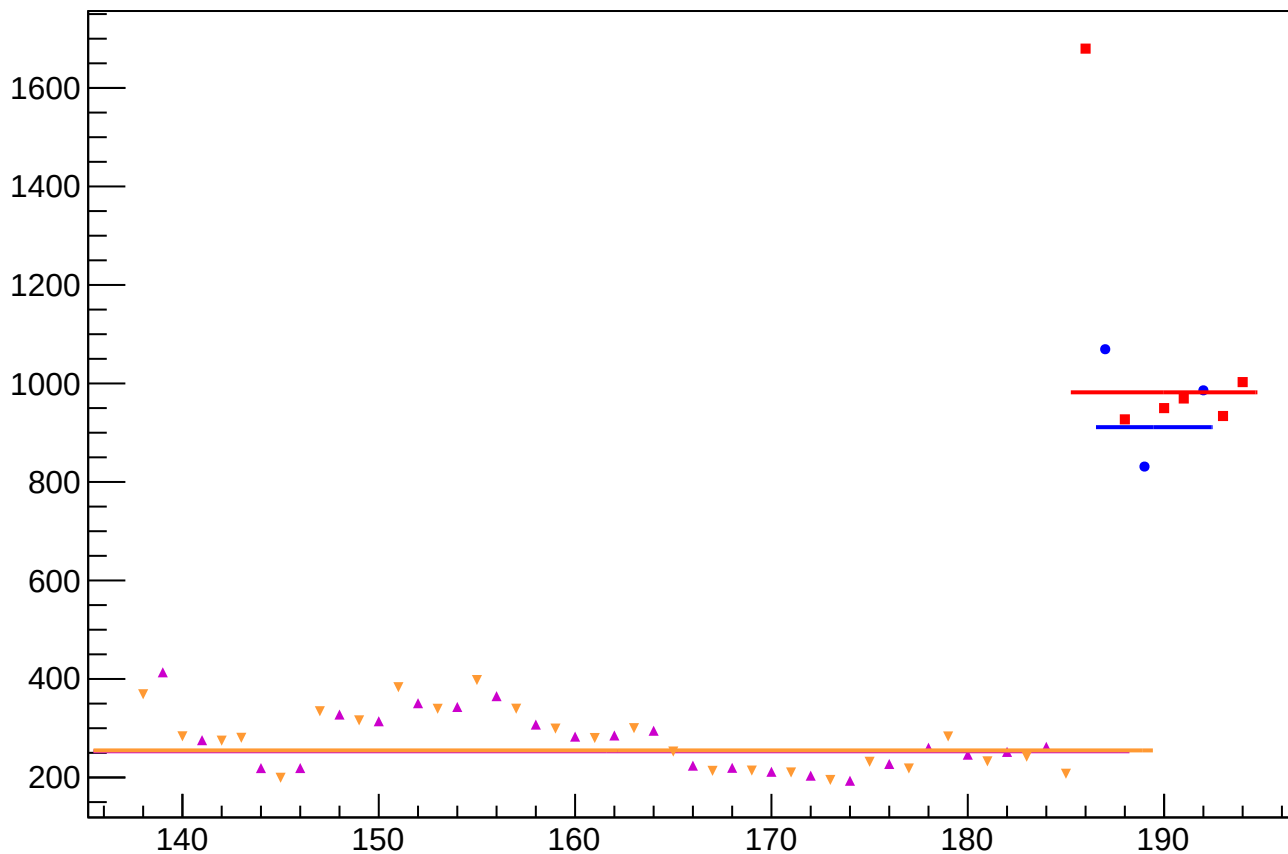
Left In: -7.915 $\pm$ 61.726 χ^2/NDF :26.3/22

+ sign 300.565 $\pm$ 60.849 χ^2/NDF : 64.3/27

All: 151.875 $\pm$ 43.194 χ^2/NDF : 109.5/56

- sign 0.856 $\pm$ 61.324 χ^2/NDF : 33.3/28

asym_sam_1526_avg_rms vs Slug



Right In: 911.265 ± 0.633 $\chi^2/\text{NDF}: 20184.1/2$

Left Out: 254.937 ± 0.043 $\chi^2/\text{NDF}: 1541708.7/24$

Right Out: 981.986 ± 0.381 $\chi^2/\text{NDF}: 141017.1/5$

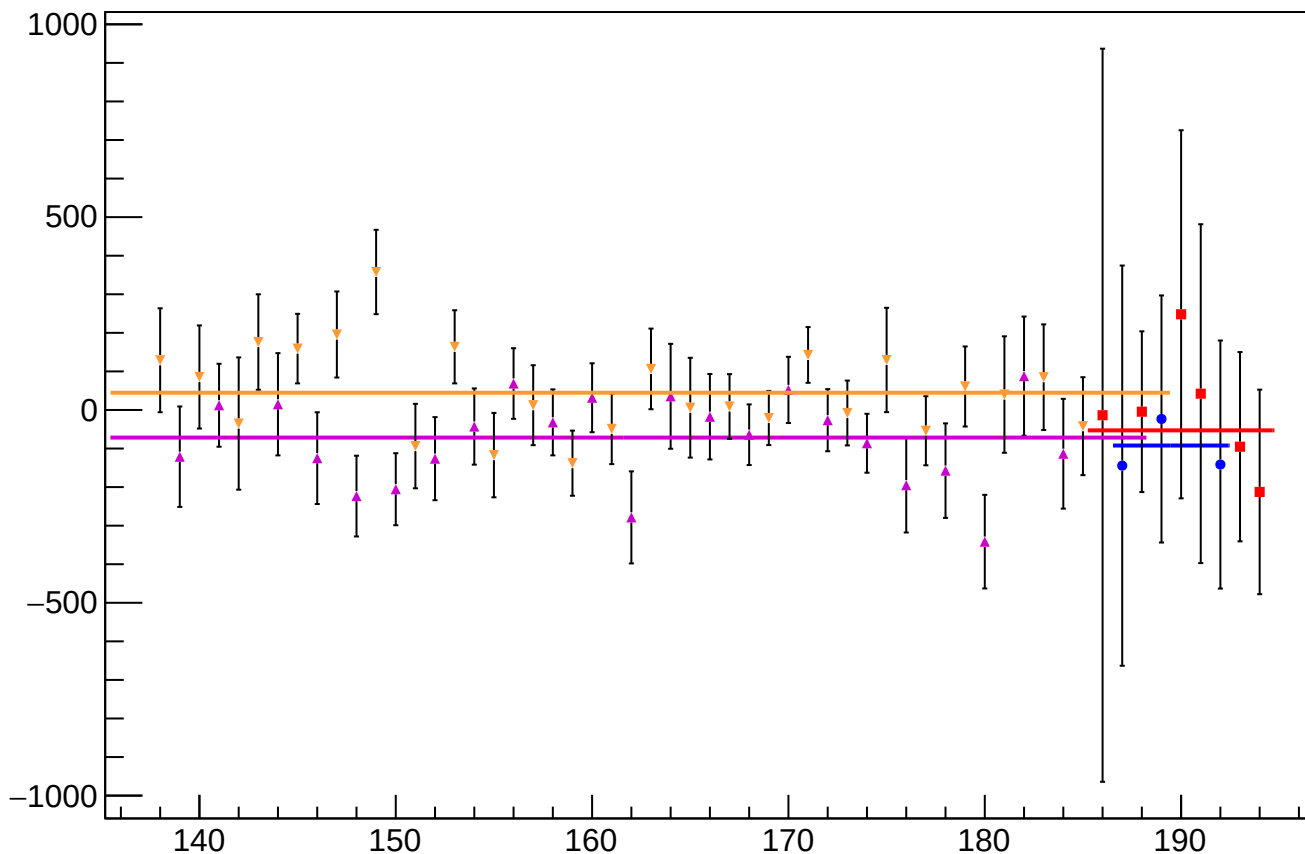
Left In: 253.170 ± 0.044 $\chi^2/\text{NDF}: 1366527.6/22$

+ sign 257.972 ± 0.043 $\chi^2/\text{NDF}: 2632736.3/27$

All: 260.277 ± 0.031 $\chi^2/\text{NDF}: 7760856.1/56$

- sign 262.619 ± 0.043 $\chi^2/\text{NDF}: 5122333.8/28$

dit_asym_sam_3726_avg_mean vs Slug



Right In: -92.200 ± 207.947 χ^2/NDF : 0.1/2

Left Out: 44.746 ± 20.460 χ^2/NDF : 30.5/24

Right Out: -52.903 ± 124.496 χ^2/NDF : 0.9/5

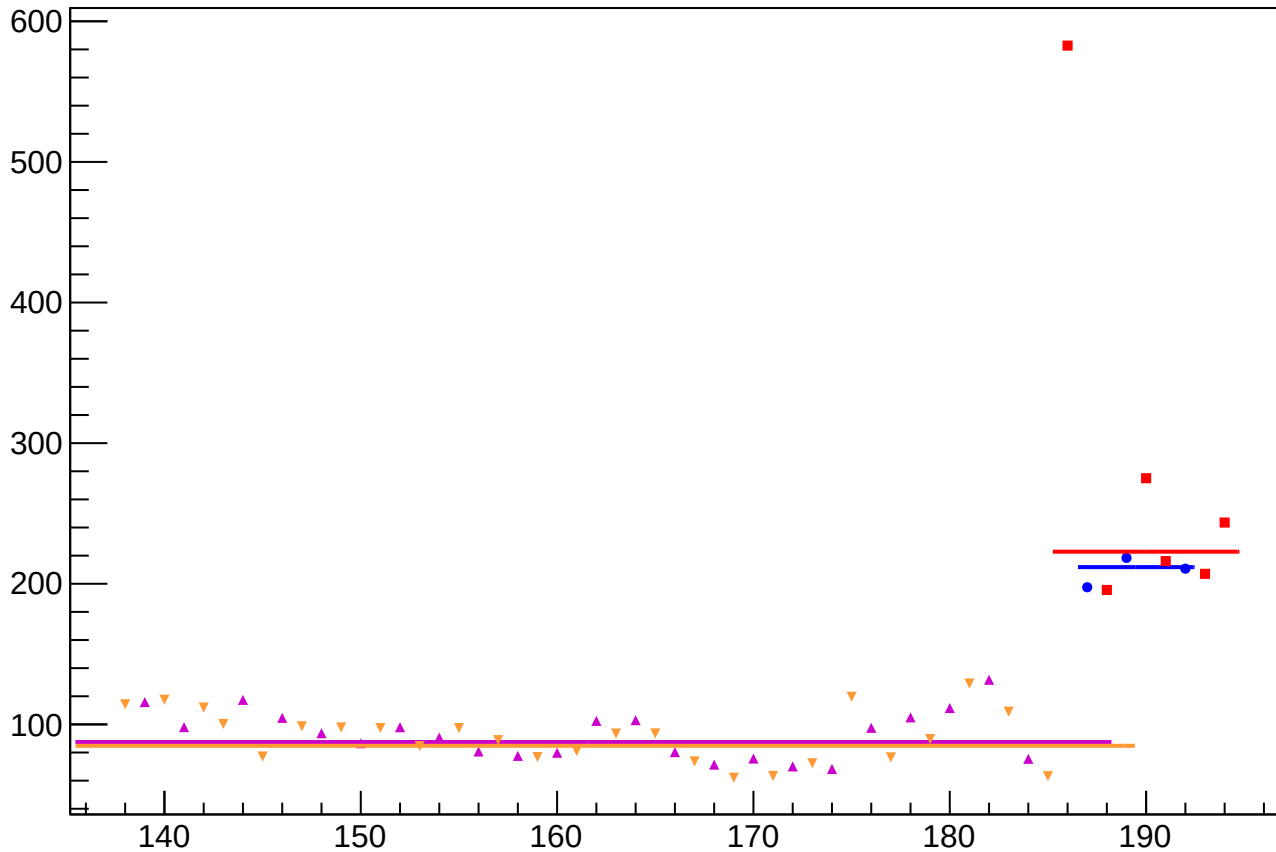
Left In: -71.620 ± 21.469 χ^2/NDF : 23.7/22

+ sign 43.433 ± 20.361 χ^2/NDF : 31.1/27

All: -11.631 ± 14.671 χ^2/NDF : 70.8/56

- sign -71.080 ± 21.156 χ^2/NDF : 24.6/28

dit_asym_sam_3726_avg_rms vs Slug



Right In: 211.845 $\pm$ 0.147 χ^2 /NDF: 2391.7/2

Left Out: 84.793 $\pm$ 0.014 χ^2 /NDF:1382881.3/24

Right Out: 222.811 $\pm$ 0.088 χ^2 /NDF: 365720.9/5

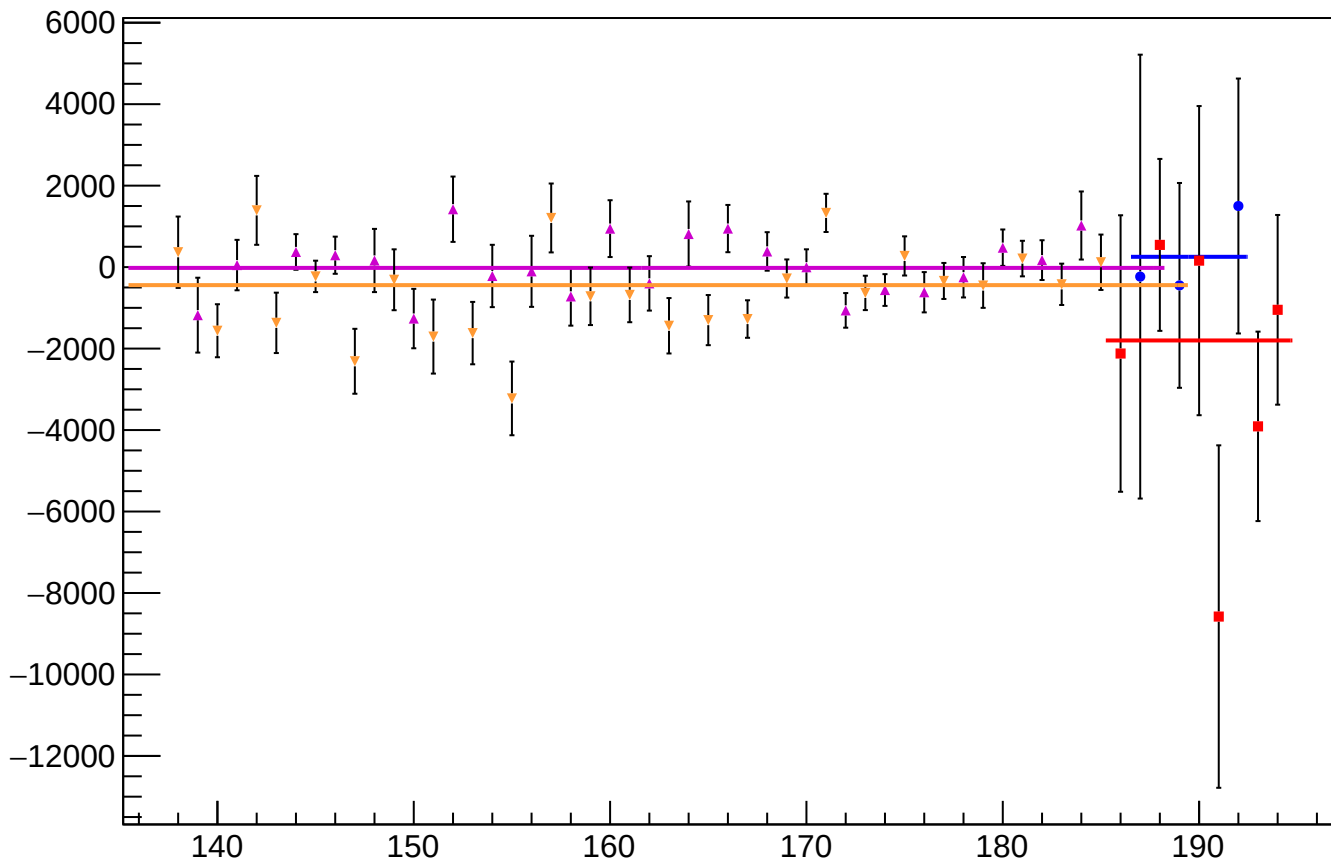
Left In: 87.477 $\pm$ 0.015 χ^2 /NDF:1056450.2/22

+ sign 86.011 $\pm$ 0.014 χ^2 /NDF: 2124717.3/27

All: 88.595 $\pm$ 0.010 χ^2 /NDF: 5909008.4/56

- sign 91.385 $\pm$ 0.015 χ^2 /NDF: 3717281.3/28

asym_sam_3726_avg_correction_mean vs Slug



Right In: 252.925 $\pm$ 1844.259 χ^2/NDF : 0.2/2

Left Out: -442.284 $\pm$ 115.425 χ^2/NDF : 60.9/24

Right Out: -1800.369 $\pm$ 1113.380 χ^2/NDF : 5.0/5

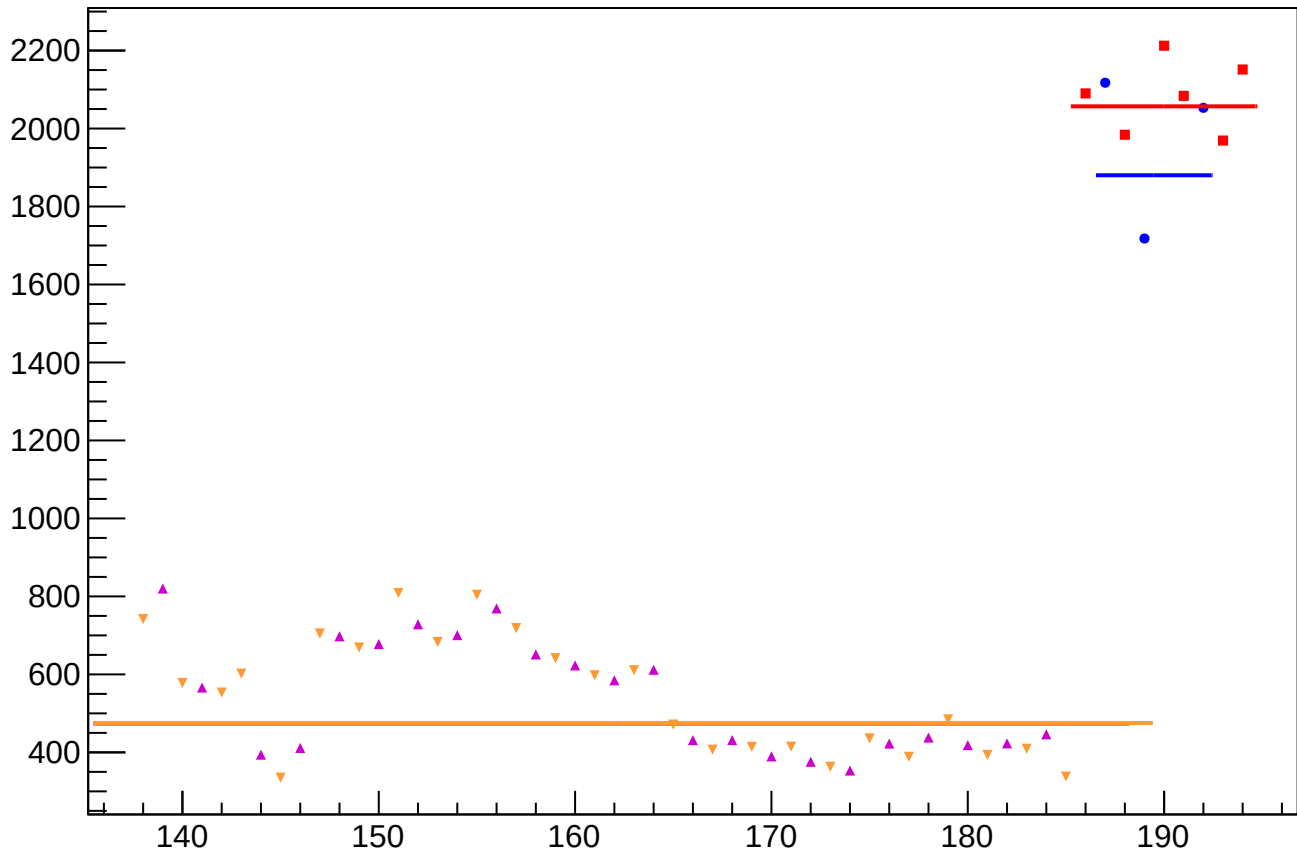
Left In: -19.322 $\pm$ 116.820 χ^2/NDF : 29.5/22

+ sign -439.572 $\pm$ 115.199 χ^2/NDF : 61.3/27

All: -240.847 $\pm$ 81.804 χ^2/NDF : 104.4/56

- sign -38.716 $\pm$ 116.183 χ^2/NDF : 37.1/28

asym_sam_3726_avg_correction_rms vs Slug



Right In: 1880.135+/-1.304 χ^2/NDF : 18233.7/2

Left Out: 475.415+/-0.082 χ^2/NDF : 2509706.1/24

Right Out: 2056.932+/-0.787 χ^2/NDF : 12150.4/5

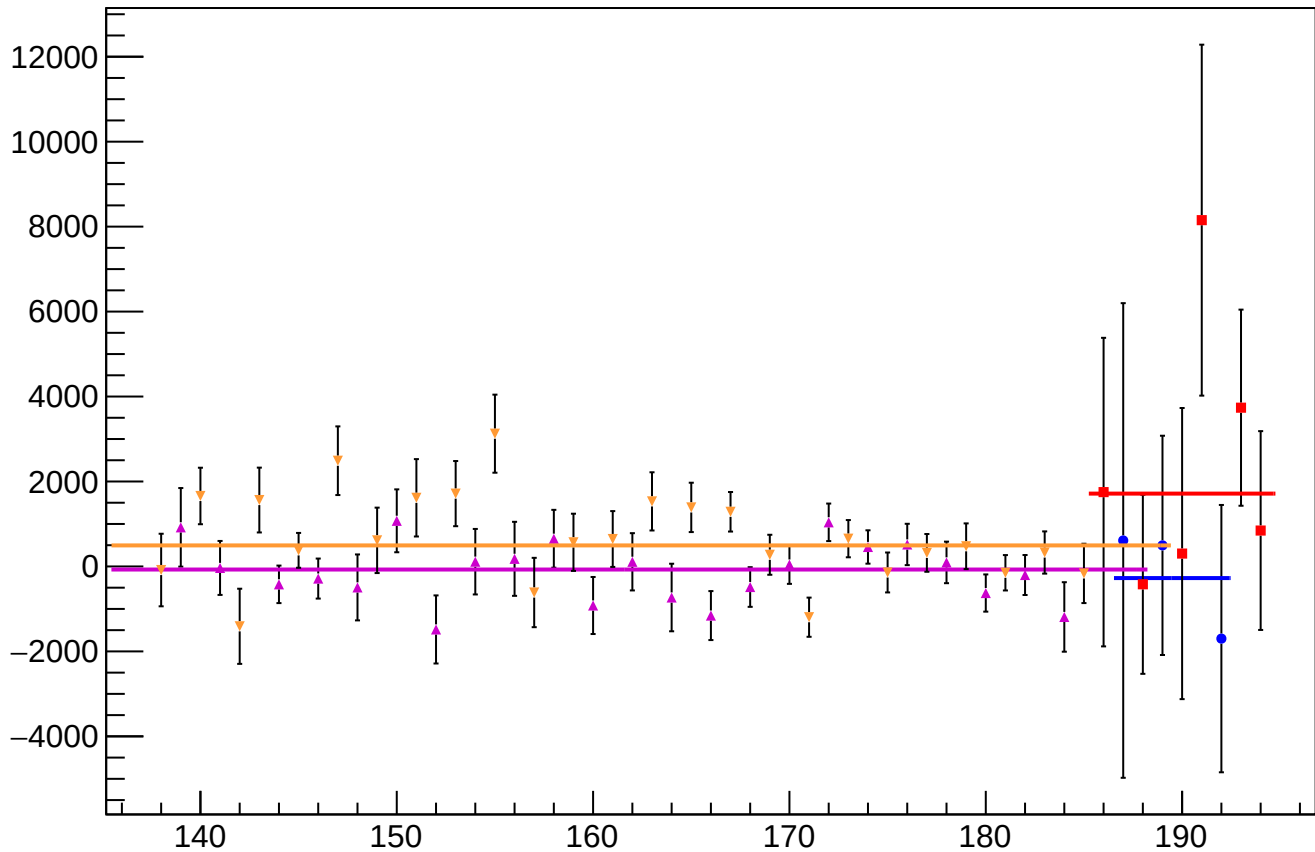
Left In: 473.947+/-0.083 χ^2/NDF : 2174476.6/22

+ sign 480.896+/-0.081 χ^2/NDF : 3683700.5/27

All: 485.996+/-0.058 χ^2/NDF : 9877145.6/56

- sign 491.184+/-0.082 χ^2/NDF : 6185537.3/28

asym_sam_3726_avg_mean vs Slug



Right In: -273.822 ± 1879.318 χ^2/NDF : 0.3/2

Left Out: 495.259 ± 115.521 χ^2/NDF : 57.2/24

Right Out: 1714.807 ± 1107.823 χ^2/NDF : 4.5/5

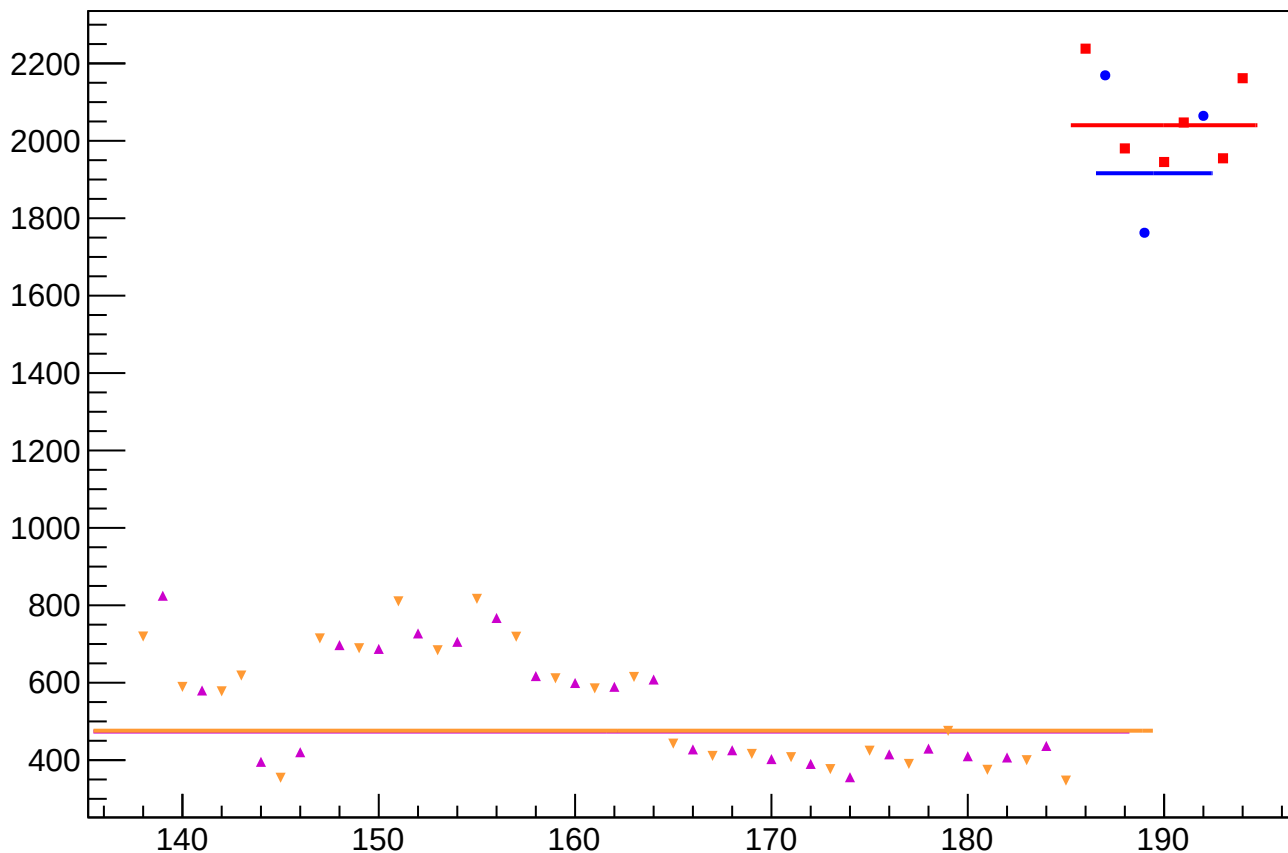
Left In: -72.627 ± 116.927 χ^2/NDF : 29.1/22

+ sign 492.364 ± 115.304 χ^2/NDF : 57.7/27

All: 222.017 ± 81.875 χ^2/NDF : 104.9/56

- sign -52.934 ± 116.281 χ^2/NDF : 36.2/28

asym_sam_3726_avg_rms vs Slug



Right In: 1916.239+/-1.329 χ^2/NDF : 15639.5/2

Left Out: 476.057+/-0.082 χ^2/NDF : 2461838.6/24

Right Out: 2040.279+/-0.783 χ^2/NDF : 17217.2/5

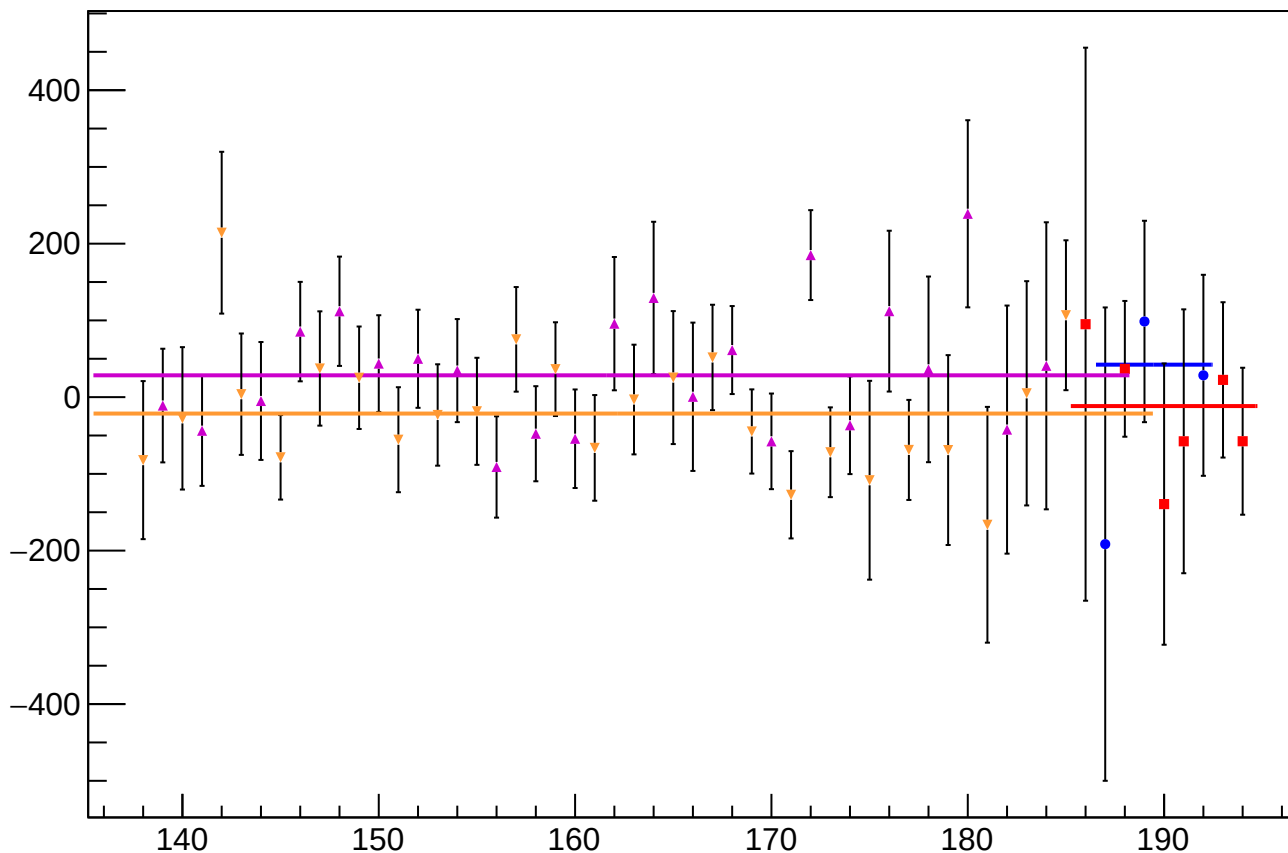
Left In: 473.824+/-0.083 χ^2/NDF : 2113753.1/22

+ sign 481.478+/-0.082 χ^2/NDF : 3647588.0/27

All: 486.239+/-0.058 χ^2/NDF : 9740145.7/56

- sign 491.082+/-0.082 χ^2/NDF : 6085678.7/28

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 42.326 $\pm$ 88.782 χ^2 /NDF: 0.8/2

Left Out: -21.397 $\pm$ 14.800 χ^2 /NDF:20.9/24

Right Out: -11.644 $\pm$ 49.645 χ^2 /NDF: 1.3/5

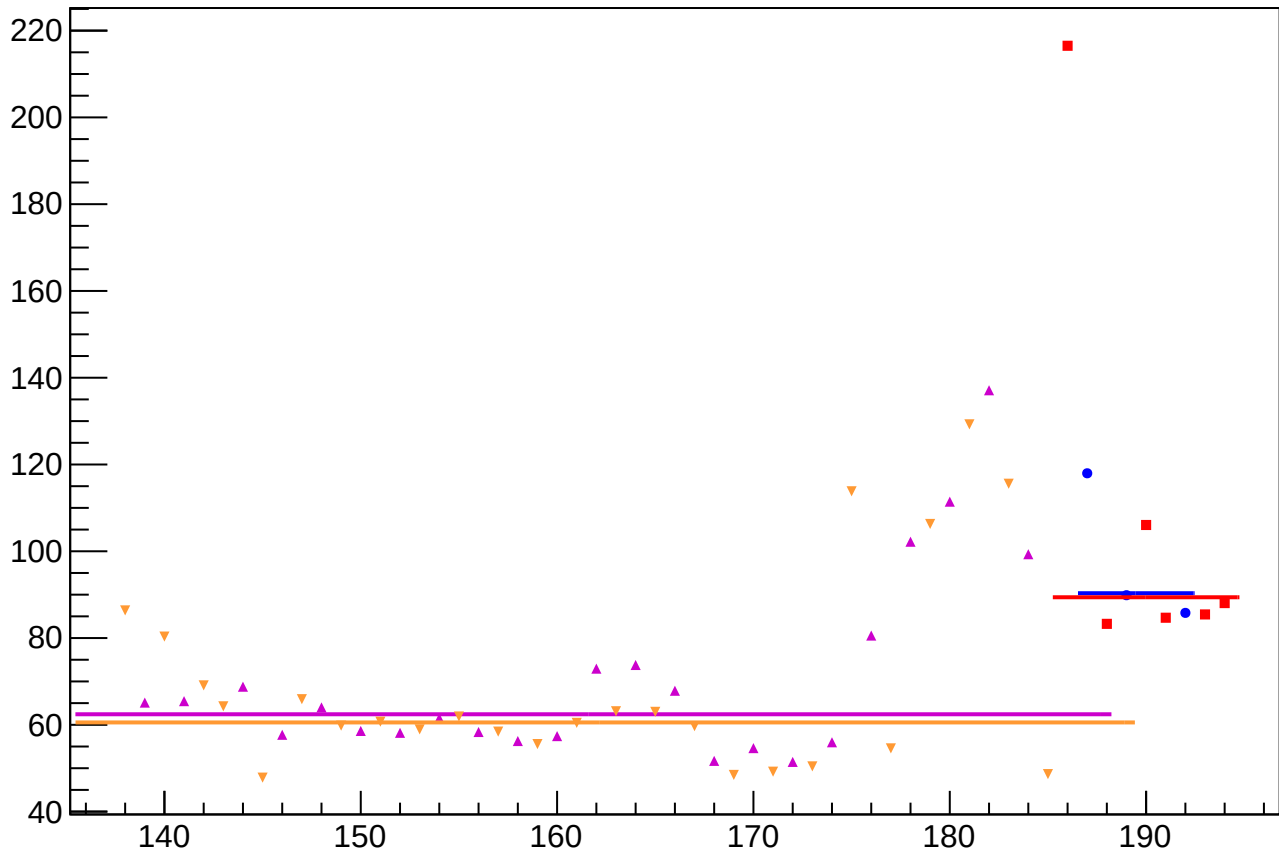
Left In: 28.435 $\pm$ 15.494 χ^2 /NDF:26.2/22

+ sign -19.674 $\pm$ 14.598 χ^2 /NDF: 22.1/27

All: 2.311 $\pm$ 10.390 χ^2 /NDF: 54.8/56

- sign 24.878 $\pm$ 14.790 χ^2 /NDF: 28.1/28

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 90.331 $\pm$ 0.063 χ^2/NDF : 18482.0/2

Left Out: 60.551 $\pm$ 0.010 χ^2/NDF : 1951663.1/24

Right Out: 89.400 $\pm$ 0.035 χ^2/NDF : 279900.6/5

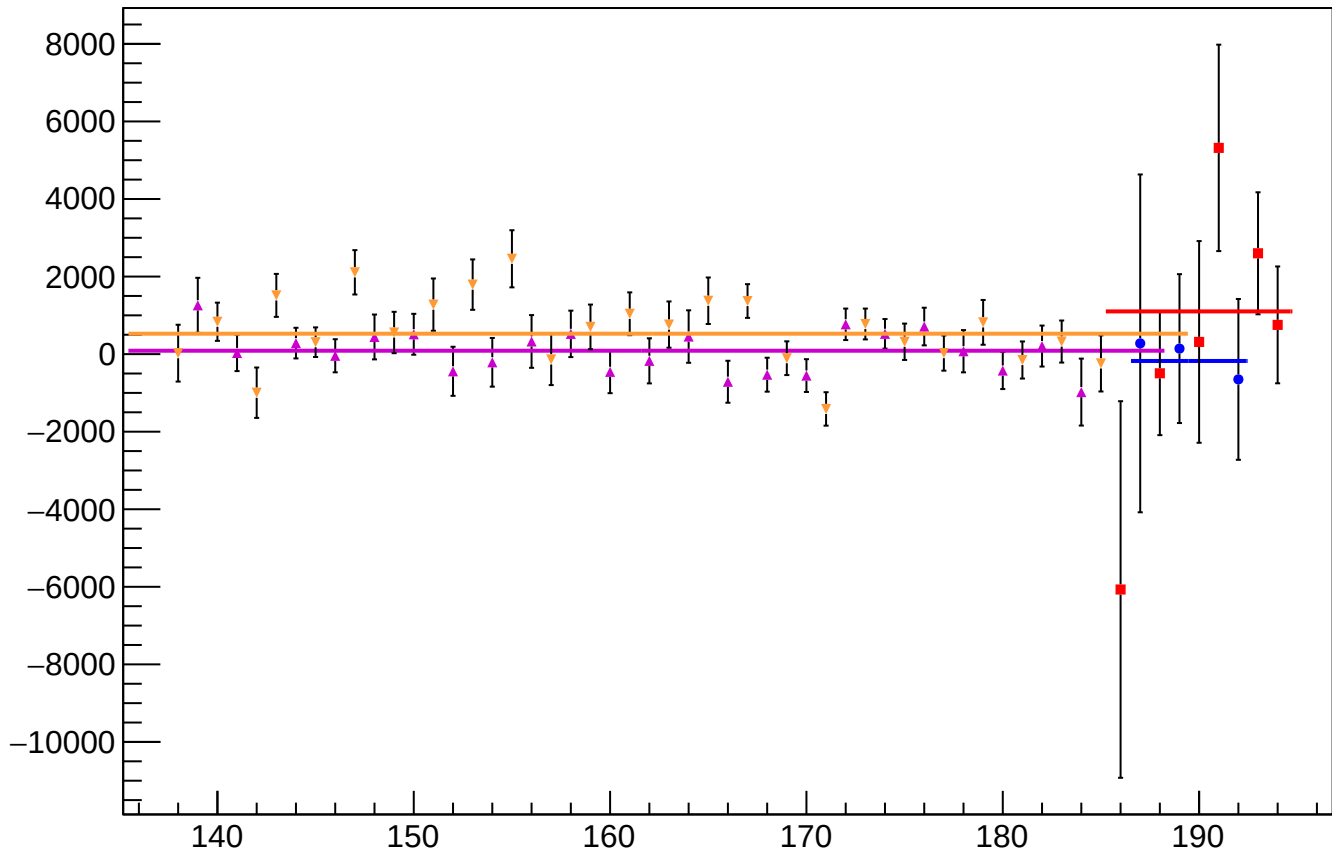
Left In: 62.435 $\pm$ 0.011 χ^2/NDF : 1445748.2/22

+ sign 61.356 $\pm$ 0.010 χ^2/NDF : 2189094.2/27

All: 63.069 $\pm$ 0.007 χ^2/NDF : 4508244.4/56

- sign 64.828 $\pm$ 0.010 χ^2/NDF : 2263325.4/28

asym_sam_15_48_dd_correction_mean vs Slug



Right In: -176.513 ± 1340.223 χ^2/NDF : 0.1/2

Left Out: 526.705 ± 105.414 χ^2/NDF : 65.0/24

Right Out: 1101.797 ± 798.272 χ^2/NDF : 6.7/5

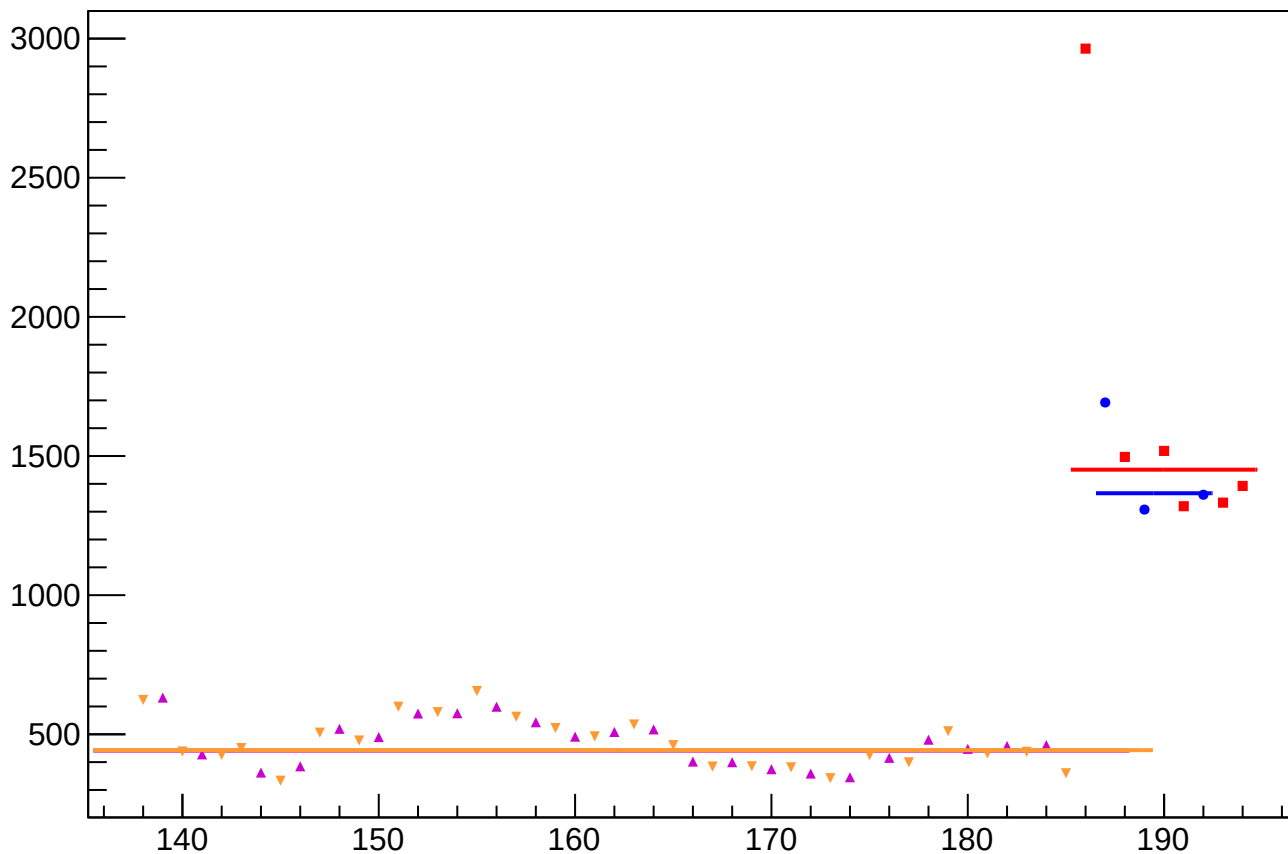
Left In: 87.989 ± 106.843 χ^2/NDF : 22.1/22

+ sign 522.382 ± 105.090 χ^2/NDF : 65.4/27

All: 315.702 ± 74.594 χ^2/NDF : 103.6/56

- sign 105.831 ± 105.898 χ^2/NDF : 30.5/28

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1366.243 $\pm$ 0.948 χ^2 /NDF: 13096.2/2

Left Out: 443.031 $\pm$ 0.075 χ^2 /NDF: 1171662.6/24

Right Out: 1450.952 $\pm$ 0.564 χ^2 /NDF: 216419.2/5

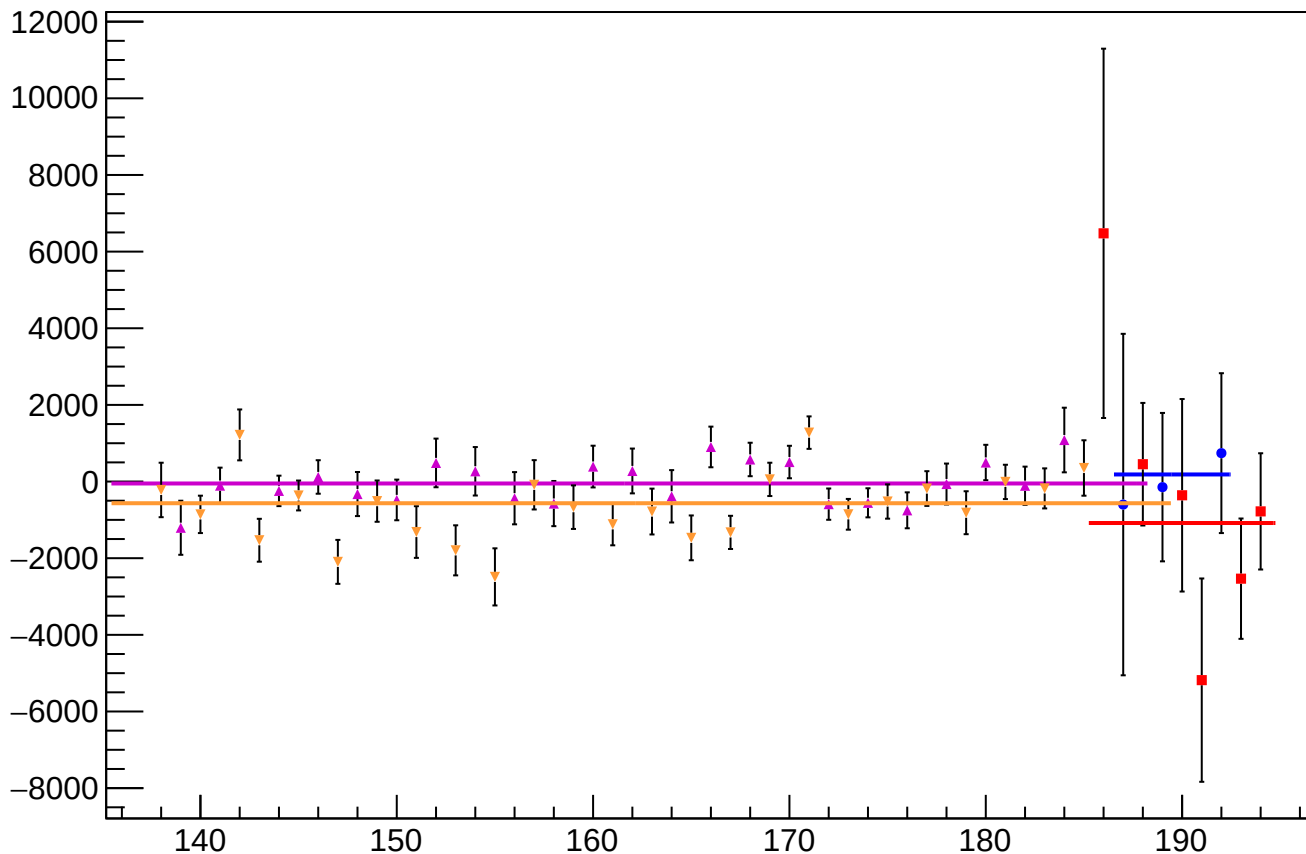
Left In: 441.359 $\pm$ 0.076 χ^2 /NDF: 1035839.5/22

+ sign 448.708 $\pm$ 0.074 χ^2 /NDF: 2127950.6/27

All: 453.877 $\pm$ 0.053 χ^2 /NDF: 6532711.6/56

- sign 459.126 $\pm$ 0.075 χ^2 /NDF: 4395007.5/28

asym_sam_15_48_dd_mean vs Slug



Right In: 185.138 $\pm$ 1352.179 χ^2 /NDF: 0.1/2

Left Out: -565.545 $\pm$ 104.460 χ^2 /NDF:62.9/24

Right Out: -1081.837 $\pm$ 796.807 χ^2 /NDF: 6.7/5

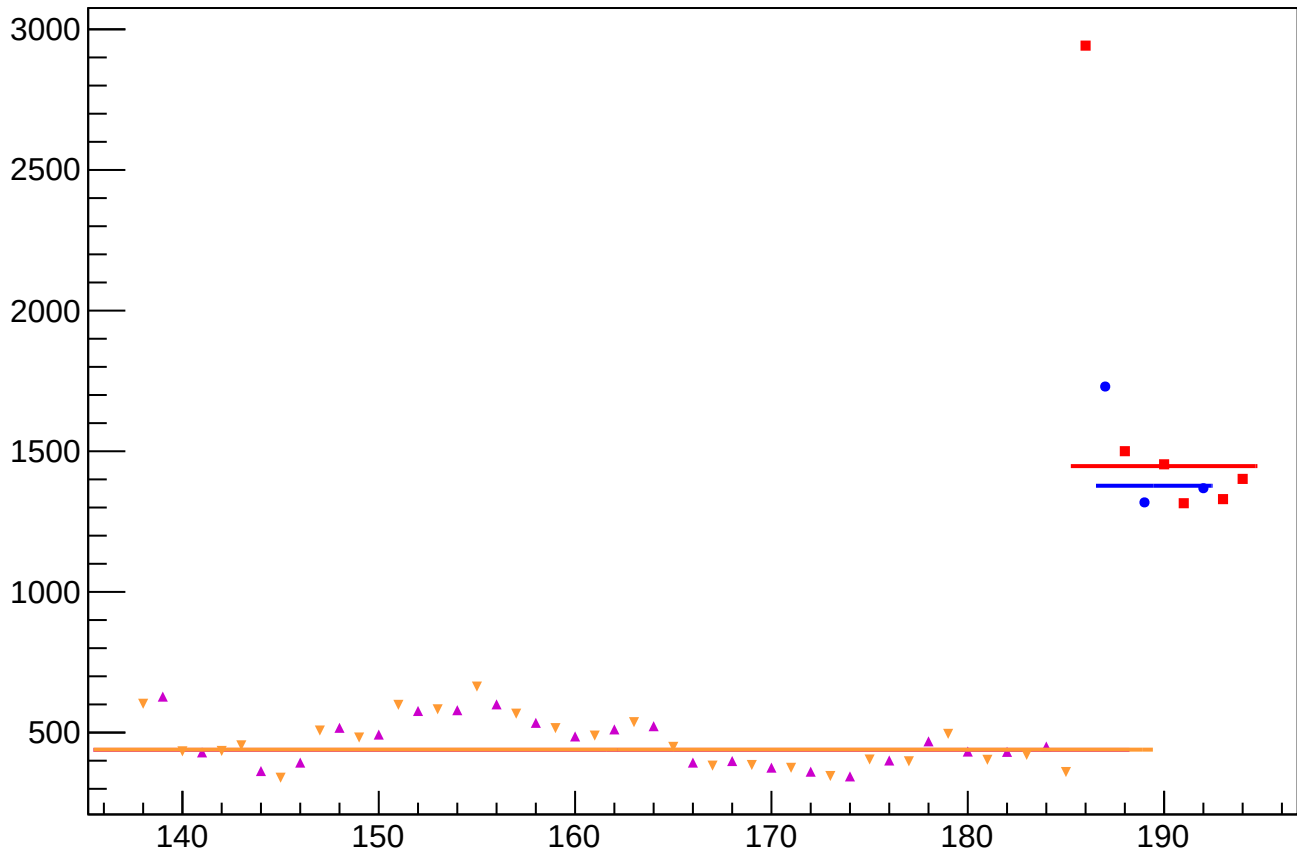
Left In: -50.387 $\pm$ 106.218 χ^2 /NDF:23.3/22

+ sign -561.091 $\pm$ 104.150 χ^2 /NDF: 63.4/27

All: -317.418 $\pm$ 74.044 χ^2 /NDF: 106.1/56

- sign -68.396 $\pm$ 105.287 χ^2 /NDF: 31.7/28

asym_sam_15_48_dd_rms vs Slug



Right In: 1377.405+/-0.956 χ^2/NDF : 14437.1/2

Left Out: 439.314+/-0.074 χ^2/NDF : 1164031.3/24

Right Out: 1447.231+/-0.563 χ^2/NDF : 212595.4/5

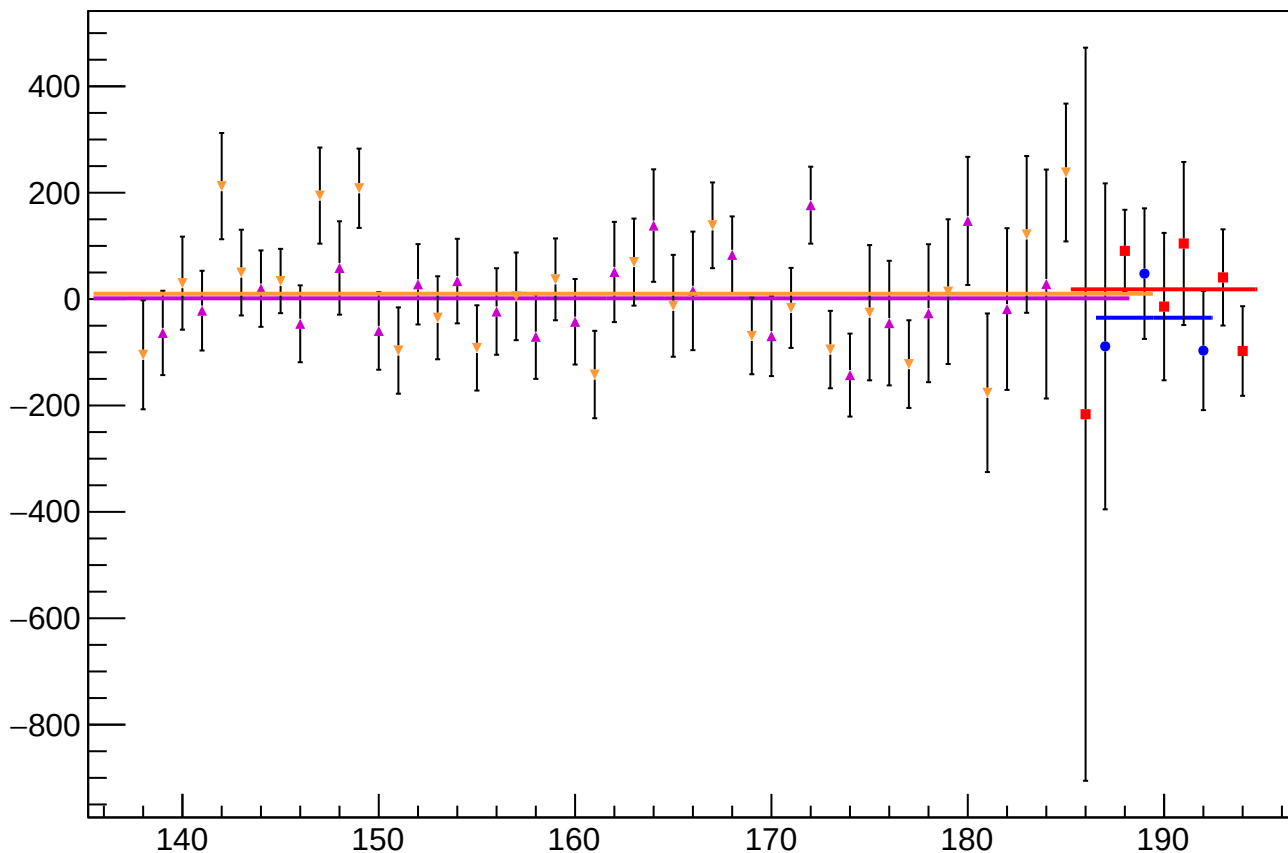
Left In: 438.365+/-0.075 χ^2/NDF : 1024661.1/22

+ sign 444.879+/-0.074 χ^2/NDF : 2135370.2/27

All: 450.369+/-0.052 χ^2/NDF : 6534090.9/56

- sign 455.979+/-0.074 χ^2/NDF : 4387485.3/28

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -35.000 ± 79.853 χ^2/NDF : 0.8/2

Left Out: 10.078 ± 17.207 χ^2/NDF : 38.7/24

Right Out: 18.336 ± 43.542 χ^2/NDF : 3.3/5

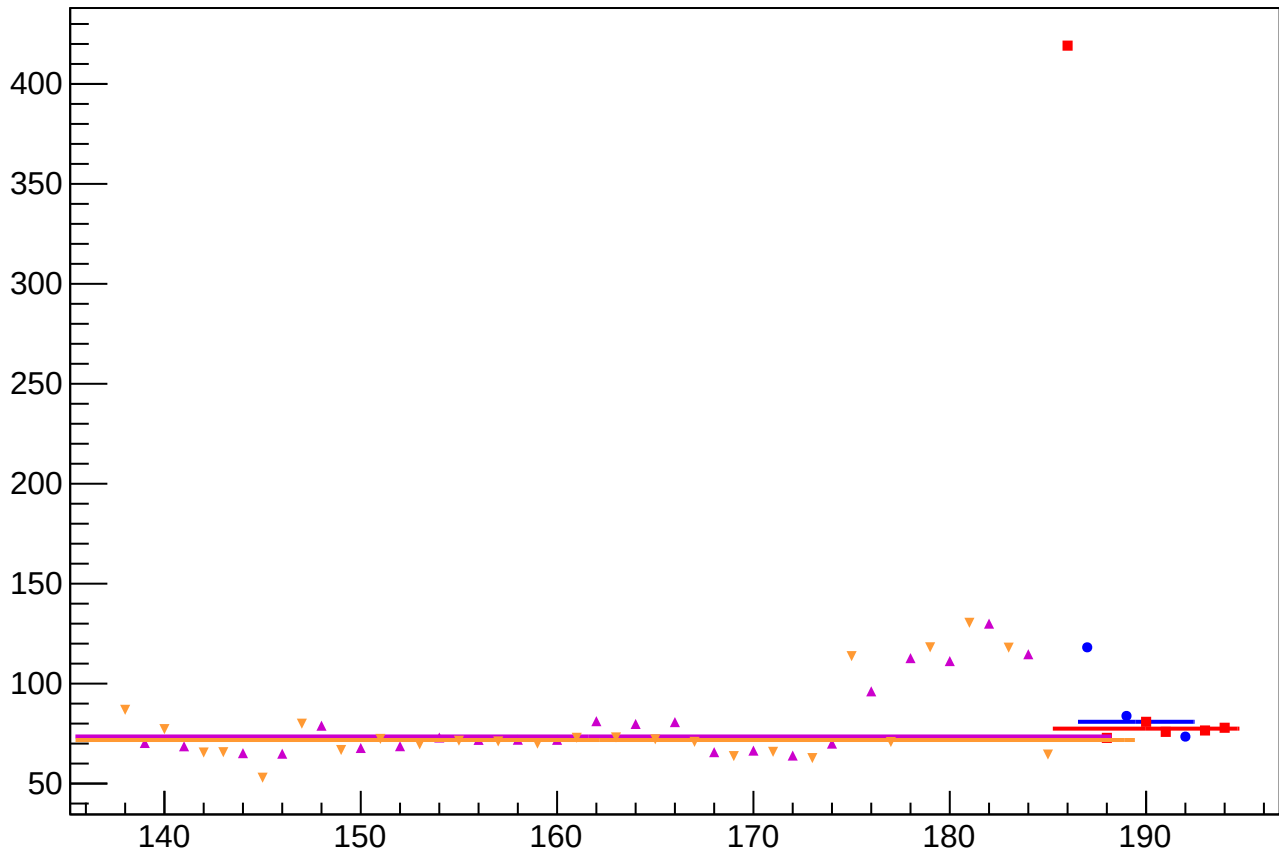
Left In: 1.434 ± 17.926 χ^2/NDF : 19.0/22

+ sign 8.078 ± 16.821 χ^2/NDF : 39.8/27

All: 5.950 ± 11.807 χ^2/NDF : 62.3/56

- sign 3.884 ± 16.576 χ^2/NDF : 22.5/28

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 80.900 $\pm$ 0.056 χ^2 /NDF: 39489.2/2

Left Out: 71.785 $\pm$ 0.012 χ^2 /NDF: 1325726.8/24

Right Out: 77.481 $\pm$ 0.031 χ^2 /NDF: 500582.9/5

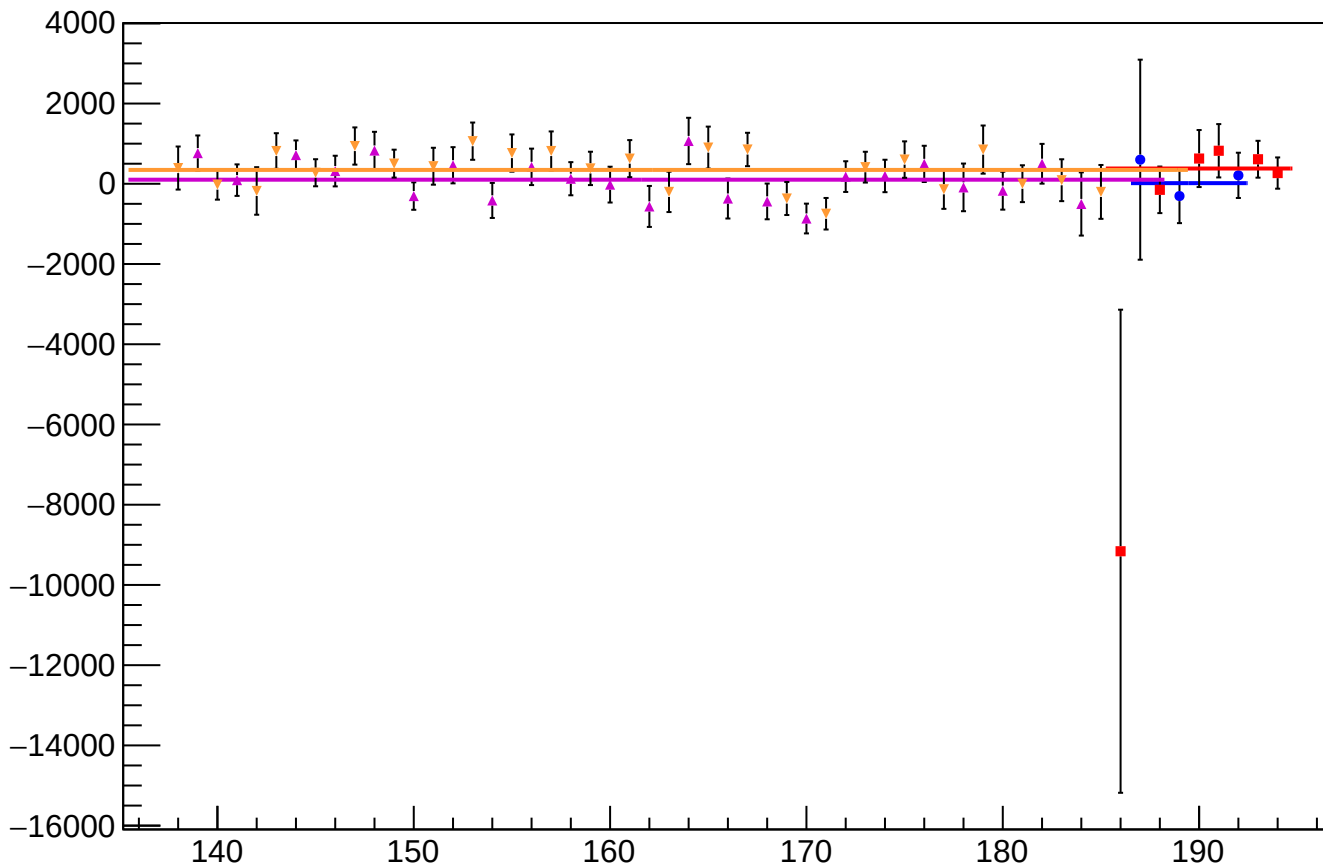
Left In: 73.558 $\pm$ 0.013 χ^2 /NDF: 1009353.9/22

+ sign 72.189 $\pm$ 0.012 χ^2 /NDF: 1390119.8/27

All: 73.172 $\pm$ 0.008 χ^2 /NDF: 2927398.0/56

- sign 74.127 $\pm$ 0.012 χ^2 /NDF: 1523816.5/28

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 15.675 $\pm$ 426.567 χ^2 /NDF: 0.4/2

Left Out: 345.360 $\pm$ 89.857 χ^2 /NDF: 27.4/24

Right Out: 380.504 $\pm$ 232.086 χ^2 /NDF: 4.3/5

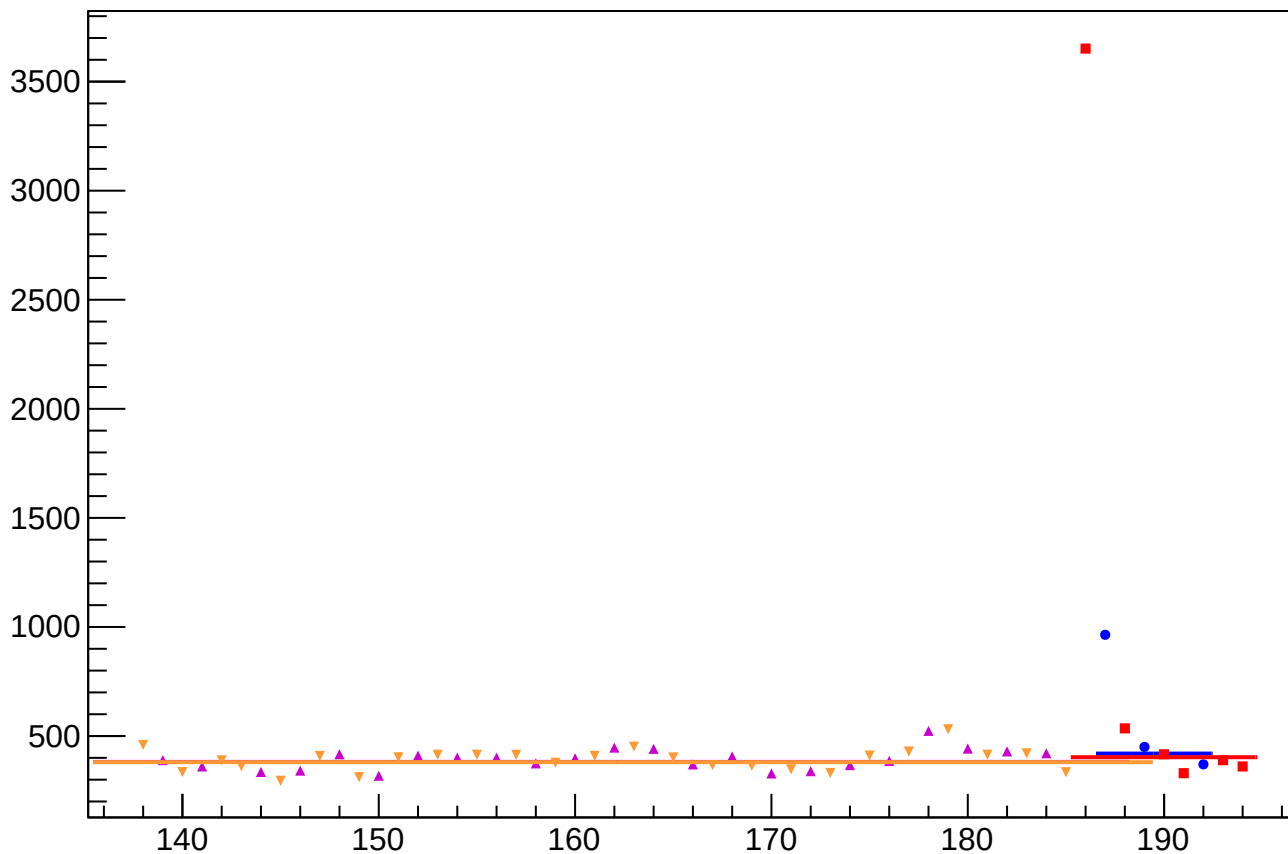
Left In: 101.648 $\pm$ 91.670 χ^2 /NDF: 28.1/22

+ sign 331.352 $\pm$ 87.927 χ^2 /NDF: 28.3/27

All: 232.359 $\pm$ 61.209 χ^2 /NDF: 64.3/56

- sign 139.282 $\pm$ 85.260 χ^2 /NDF: 33.6/28

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 419.582 $\pm$ 0.302 χ^2 /NDF: 114744.6/2

Left Out: 380.206 $\pm$ 0.064 χ^2 /NDF: 616620.6/24

Right Out: 402.908 $\pm$ 0.164 χ^2 /NDF: 736380.7/5

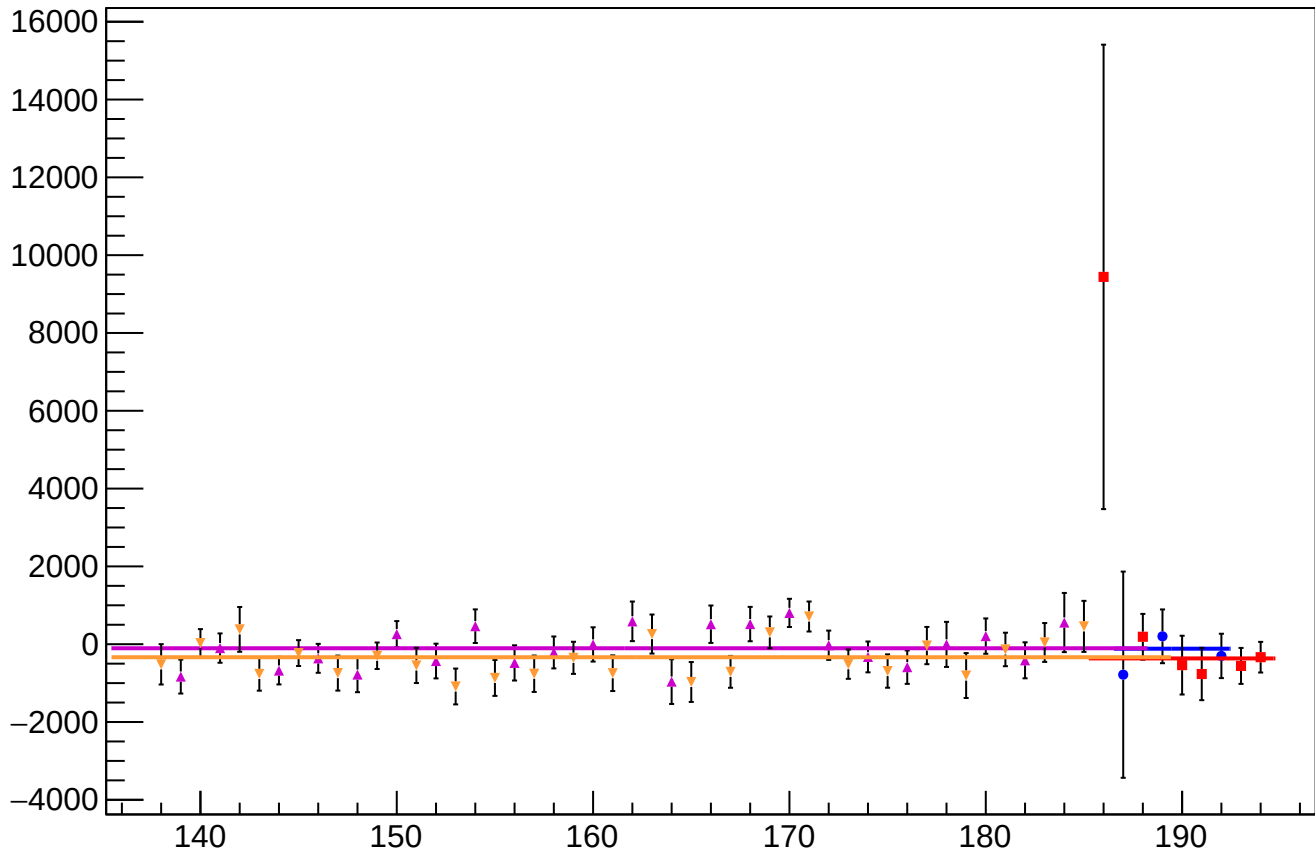
Left In: 381.474 $\pm$ 0.065 χ^2 /NDF: 461021.8/22

+ sign 381.879 $\pm$ 0.062 χ^2 /NDF: 747682.8/27

All: 383.161 $\pm$ 0.043 χ^2 /NDF: 1960666.1/56

- sign 384.367 $\pm$ 0.060 χ^2 /NDF: 1212158.4/28

asym_sam_37_48_dd_mean vs Slug



Right In: -115.588+/-433.815 χ^2/NDF : 0.4/2

Left Out: -335.242+/-87.706 χ^2/NDF : 28.3/24

Right Out: -365.505+/-235.682 χ^2/NDF : 4.2/5

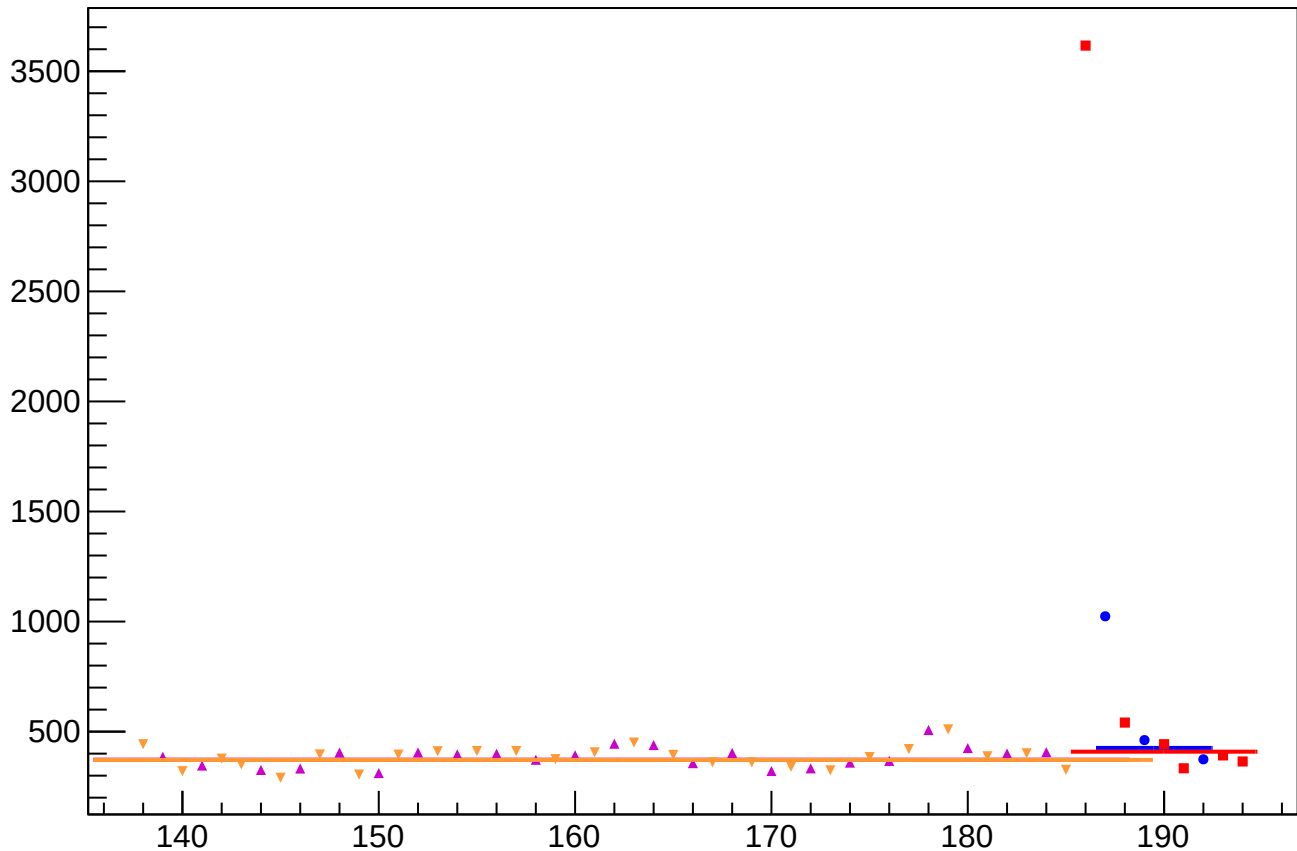
Left In: -104.117+/-89.613 χ^2/NDF : 29.7/22

+ sign -326.616+/-85.967 χ^2/NDF : 28.9/27

All: -229.415+/-59.993 χ^2/NDF : 66.3/56

- sign -137.134+/-83.763 χ^2/NDF : 34.9/28

asym_sam_37_48_dd_rms vs Slug



Right In: 426.029+/-0.307 χ^2/NDF : 123581.6/2

Left Out: 371.375+/-0.062 χ^2/NDF : 604123.3/24

Right Out: 408.867+/-0.167 χ^2/NDF : 736266.2/5

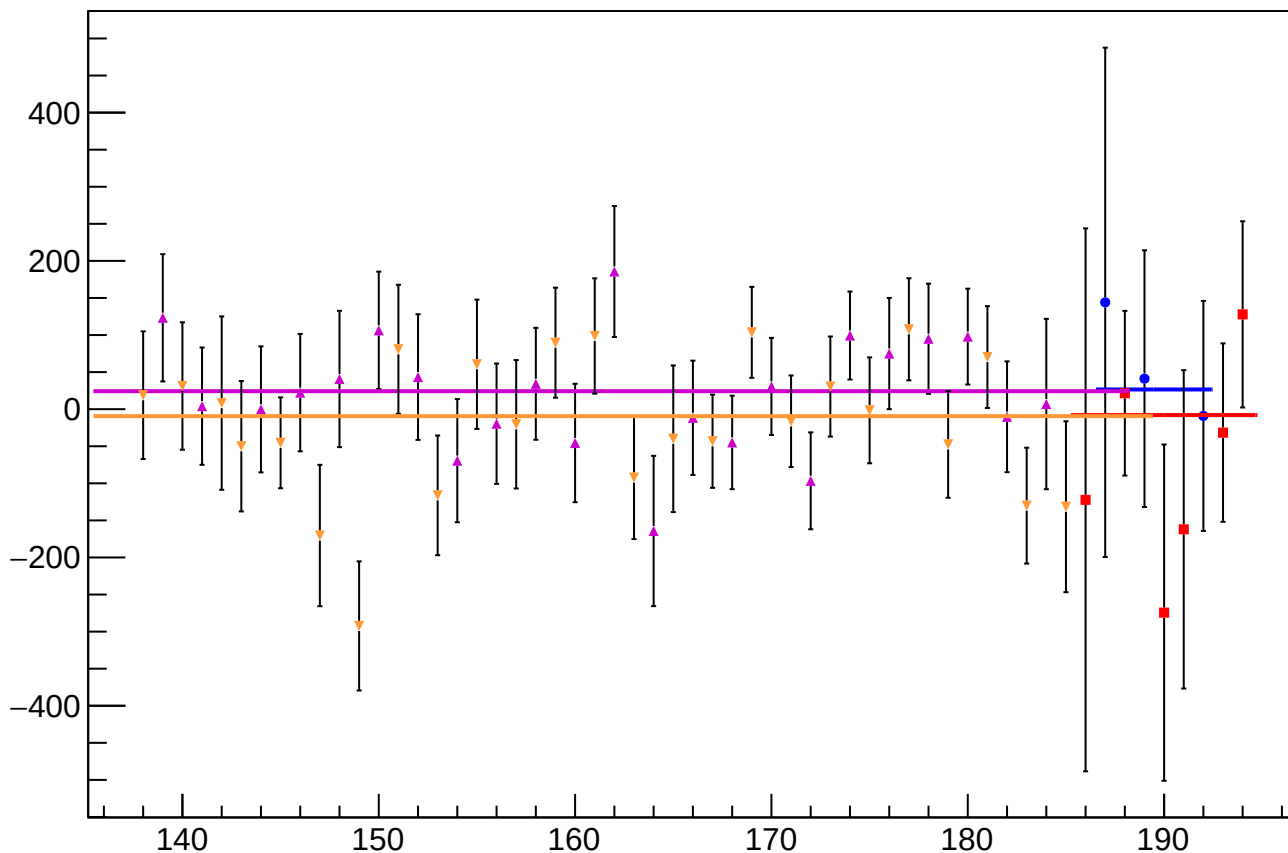
Left In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

+ sign 373.522+/-0.061 χ^2/NDF : 758202.3/27

All: 375.387+/-0.042 χ^2/NDF : 2002136.5/56

- sign 377.158+/-0.059 χ^2/NDF : 1242098.1/28

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 26.586 $\pm$ 109.505 χ^2 /NDF: 0.2/2

Left Out: -9.398 $\pm$ 15.471 χ^2 /NDF: 34.7/24

Right Out: -7.953 $\pm$ 61.765 χ^2 /NDF: 3.3/5

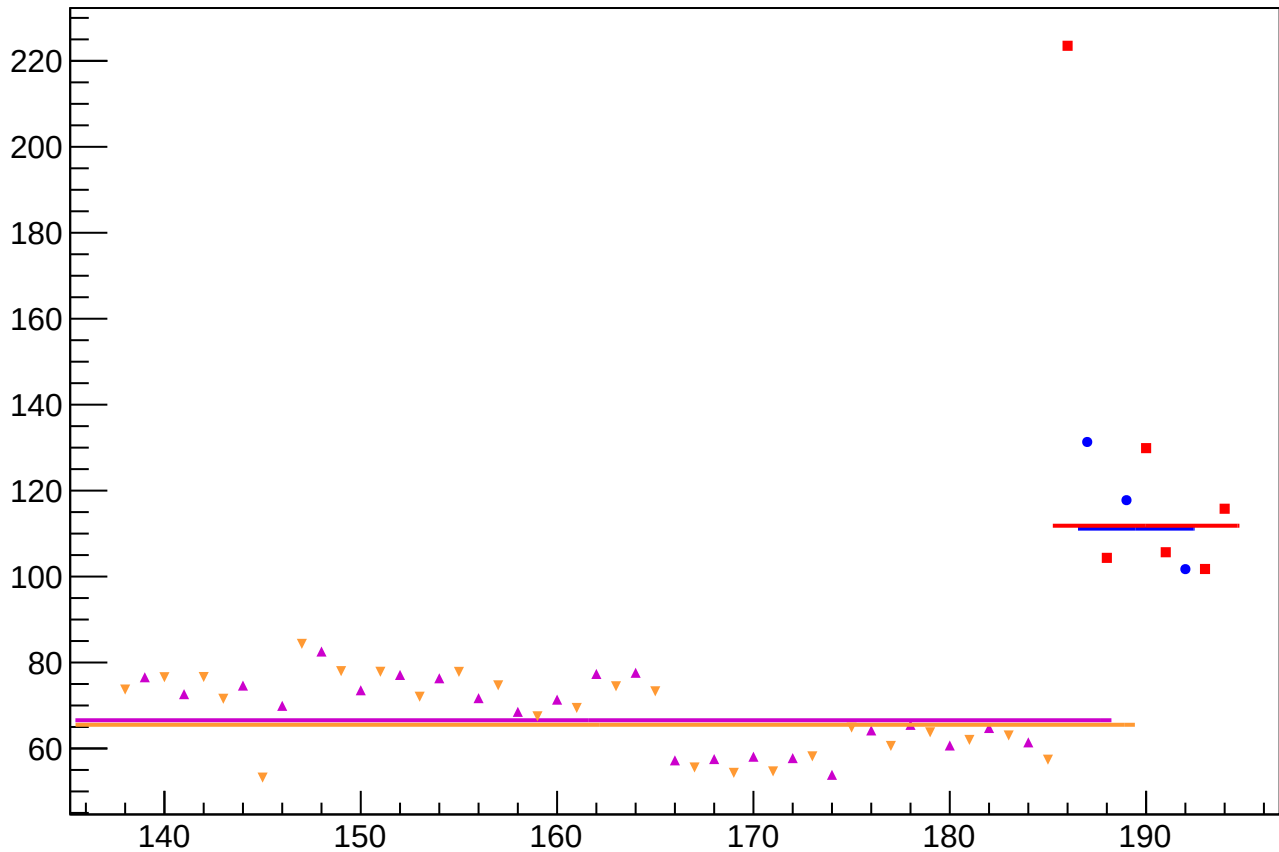
Left In: 24.293 $\pm$ 16.034 χ^2 /NDF: 21.1/22

+ sign -8.694 $\pm$ 15.319 χ^2 /NDF: 35.0/27

All: 6.581 $\pm$ 10.902 χ^2 /NDF: 61.7/56

- sign 22.258 $\pm$ 15.519 χ^2 /NDF: 24.7/28

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 111.158+/-0.077 χ^2/NDF : 17203.6/2

Left Out: 65.512+/-0.011 χ^2/NDF : 666993.4/24

Right Out: 111.831+/-0.044 χ^2/NDF : 225448.3/5

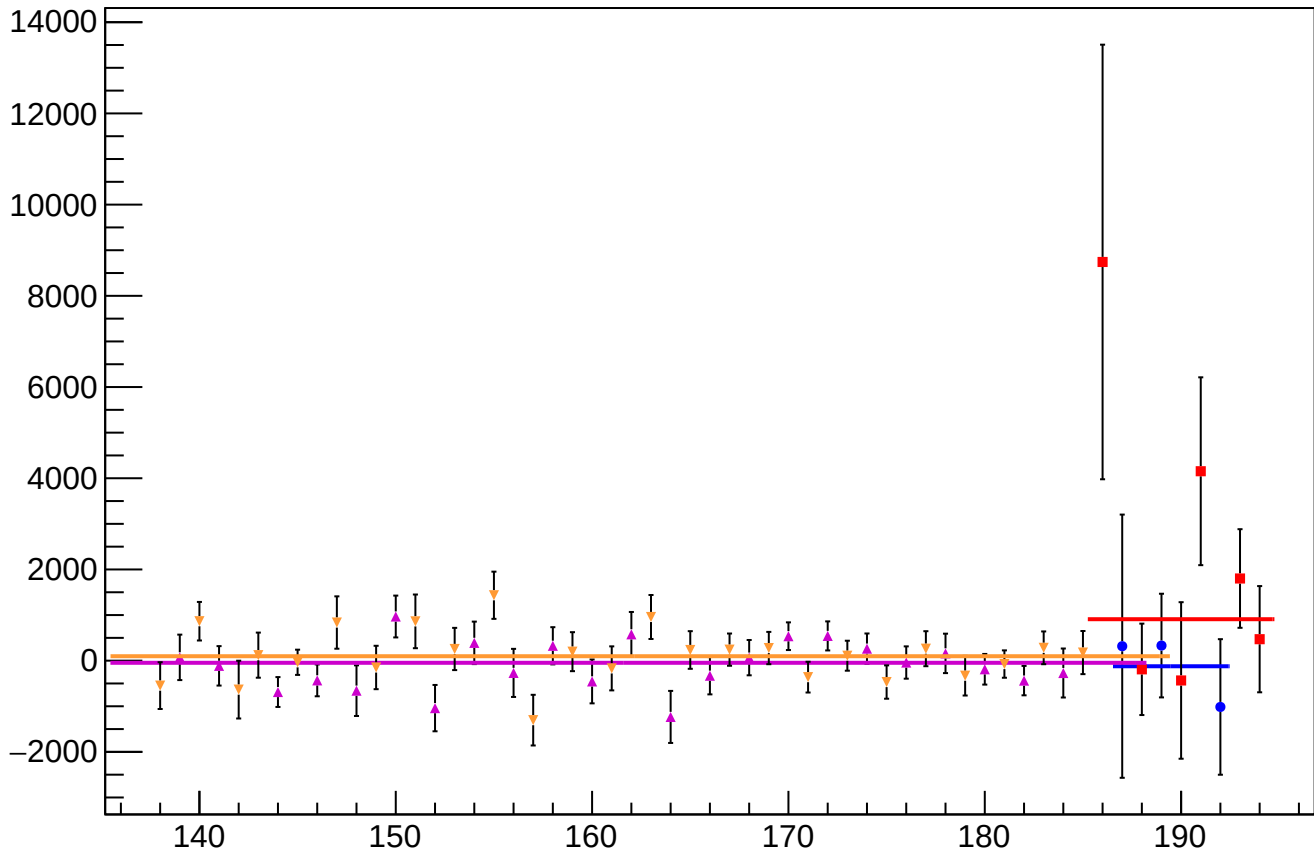
Left In: 66.564+/-0.011 χ^2/NDF : 521302.1/22

+ sign 66.405+/-0.011 χ^2/NDF : 1024912.0/27

All: 67.894+/-0.008 χ^2/NDF : 2816362.2/56

- sign 69.421+/-0.011 χ^2/NDF : 1753184.4/28

asym_sam_15_26_dd_correction_mean vs Slug



Right In: -122.599+/-861.641 χ^2/NDF : 0.5/2

Left Out: 97.420+/-82.238 χ^2/NDF : 33.3/24

Right Out: 909.114+/-558.324 χ^2/NDF : 7.8/5

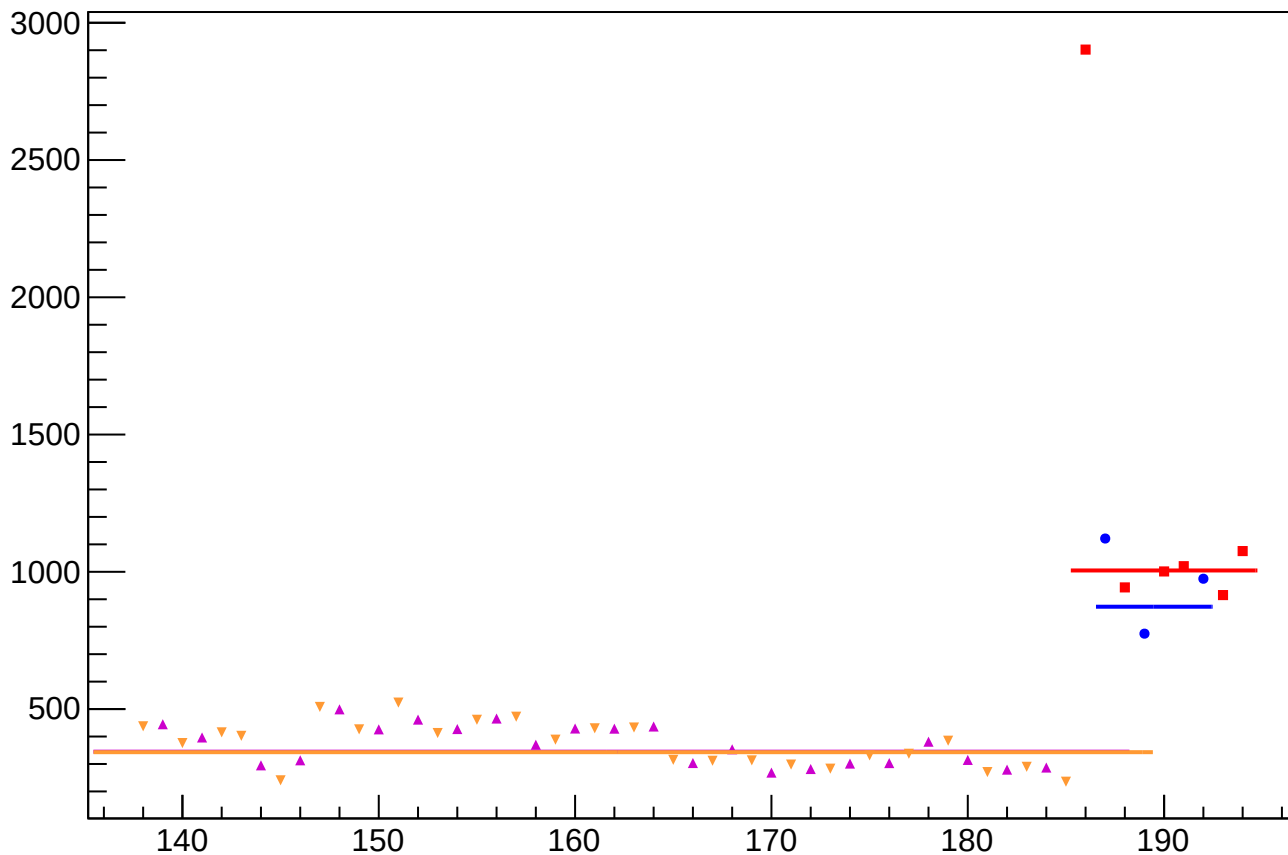
Left In: -46.660+/-83.857 χ^2/NDF : 34.2/22

+ sign 95.434+/-81.866 χ^2/NDF : 33.9/27

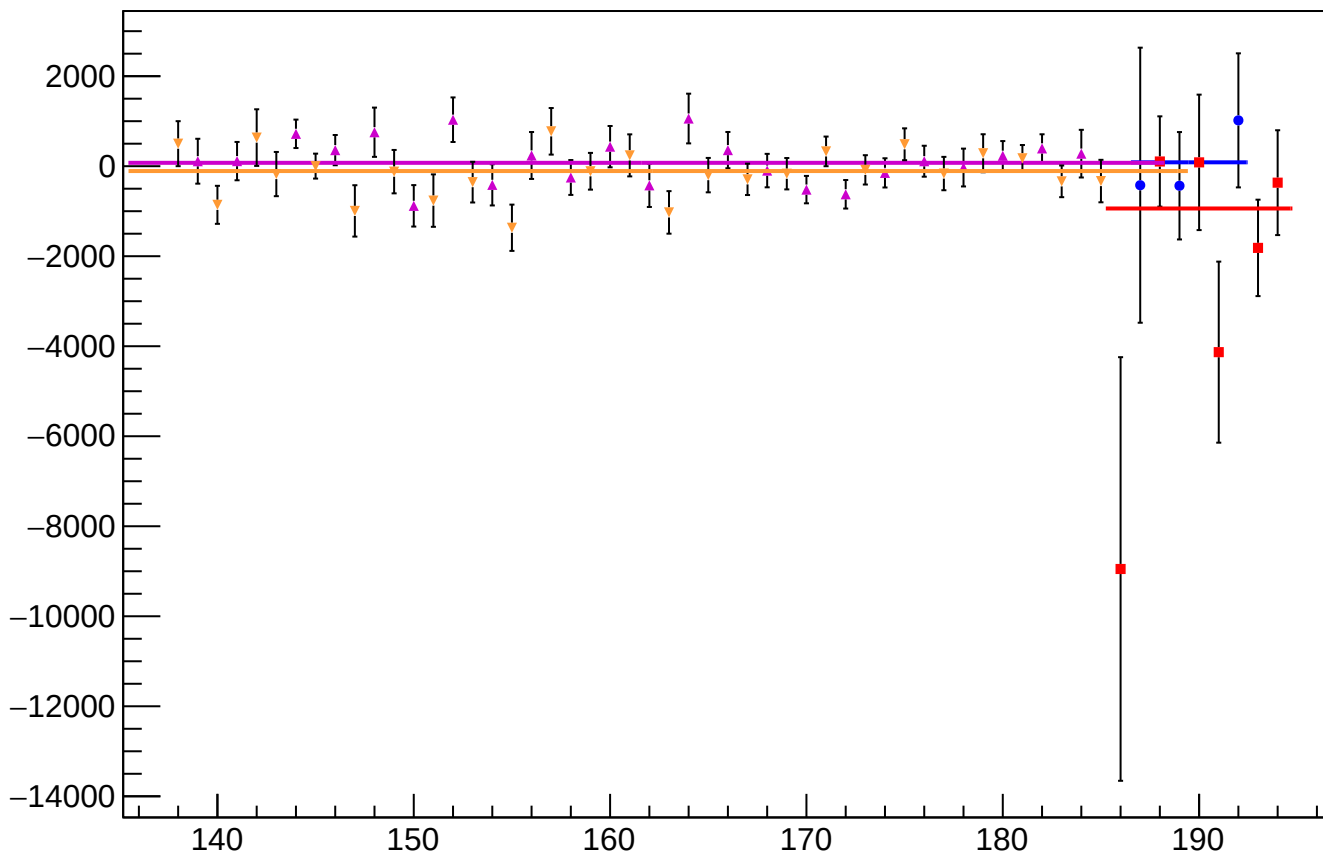
All: 35.709+/-58.260 χ^2/NDF : 79.9/56

- sign -25.575+/-82.927 χ^2/NDF : 44.9/28

asym_sam_15_26_dd_correction_rms vs Slug



asym_sam_15_26_dd_mean vs Slug



Right In: 86.013 ± 890.735 χ^2/NDF : 0.6/2

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -939.651 ± 547.461 χ^2/NDF : 7.9/5

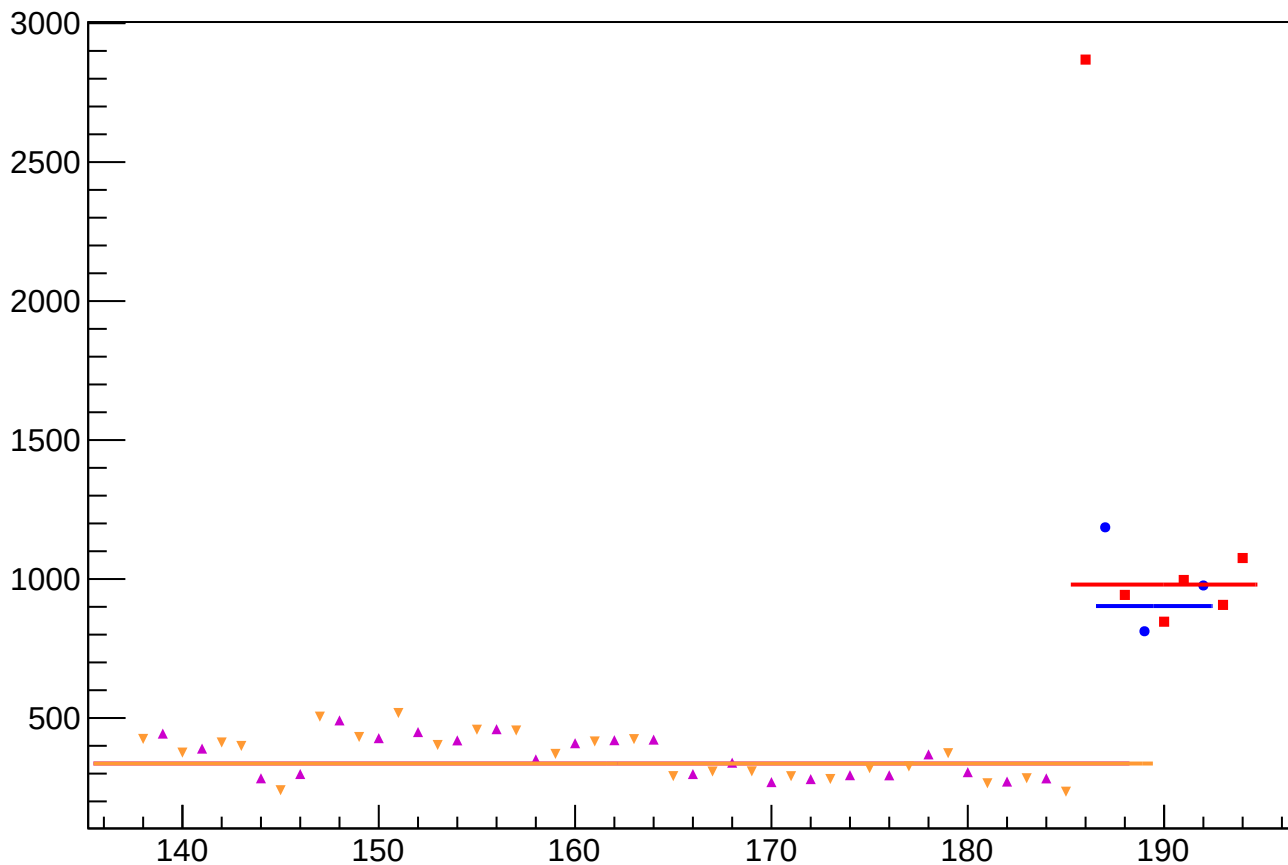
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -106.461 ± 80.252 χ^2/NDF : 31.5/27

All: -27.640 ± 57.025 χ^2/NDF : 77.4/56

- sign 52.749 ± 81.046 χ^2/NDF : 43.9/28

asym_sam_15_26_dd_rms vs Slug



Right In: 902.804 $\pm$ 0.630 χ^2/NDF : 33674.8/2

Left Out: 336.231 $\pm$ 0.057 χ^2/NDF : 1659693.0/24

Right Out: 980.085 $\pm$ 0.387 χ^2/NDF : 363542.8/5

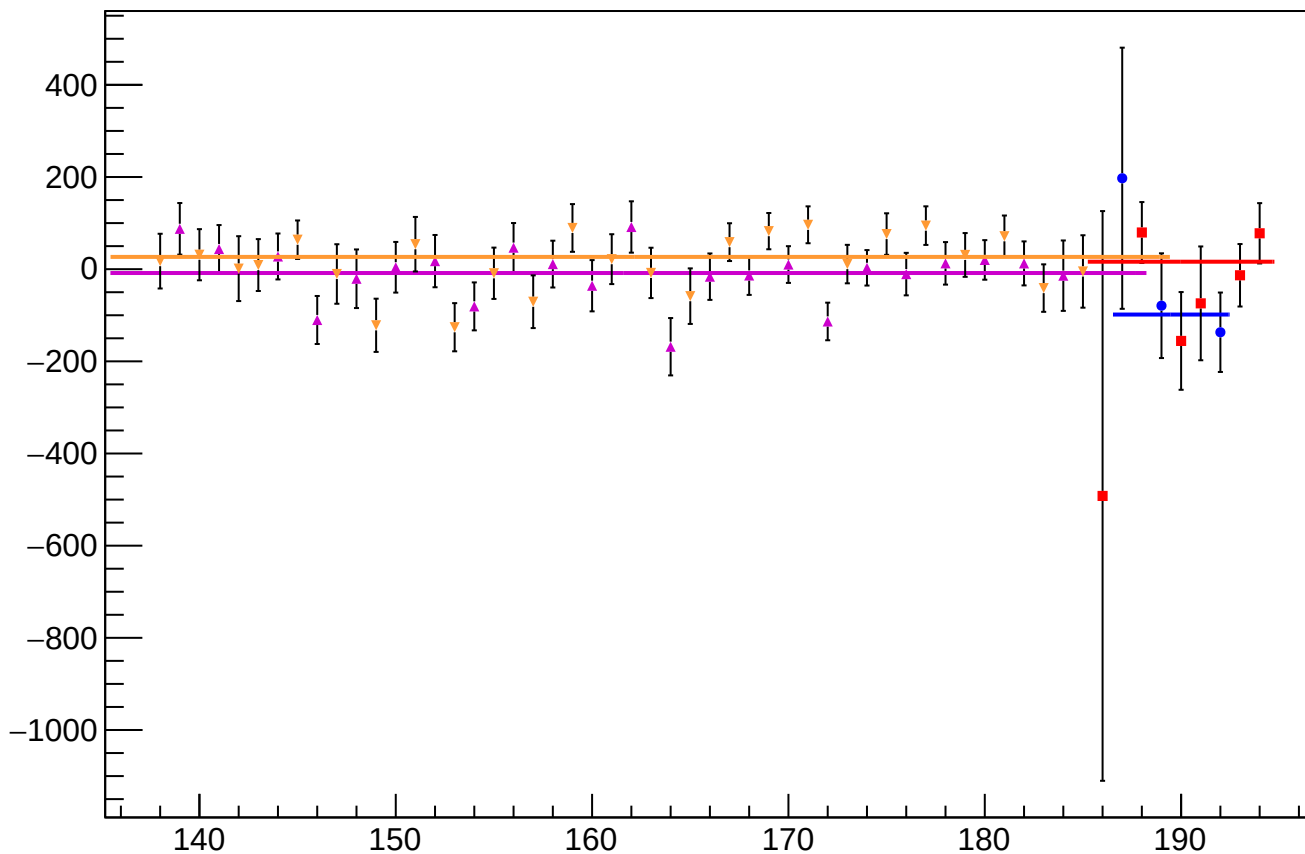
Left In: 336.396 $\pm$ 0.058 χ^2/NDF : 1269587.6/22

+ sign 340.830 $\pm$ 0.057 χ^2/NDF : 2495979.7/27

All: 345.619 $\pm$ 0.040 χ^2/NDF : 6847777.6/56

- sign 350.503 $\pm$ 0.057 χ^2/NDF : 4337413.1/28

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -98.460 $\pm$ 66.738 χ^2/NDF : 1.3/2

Left Out: 26.633 $\pm$ 10.090 χ^2/NDF :36.5/24

Right Out: 16.198 $\pm$ 34.552 χ^2/NDF : 5.8/5

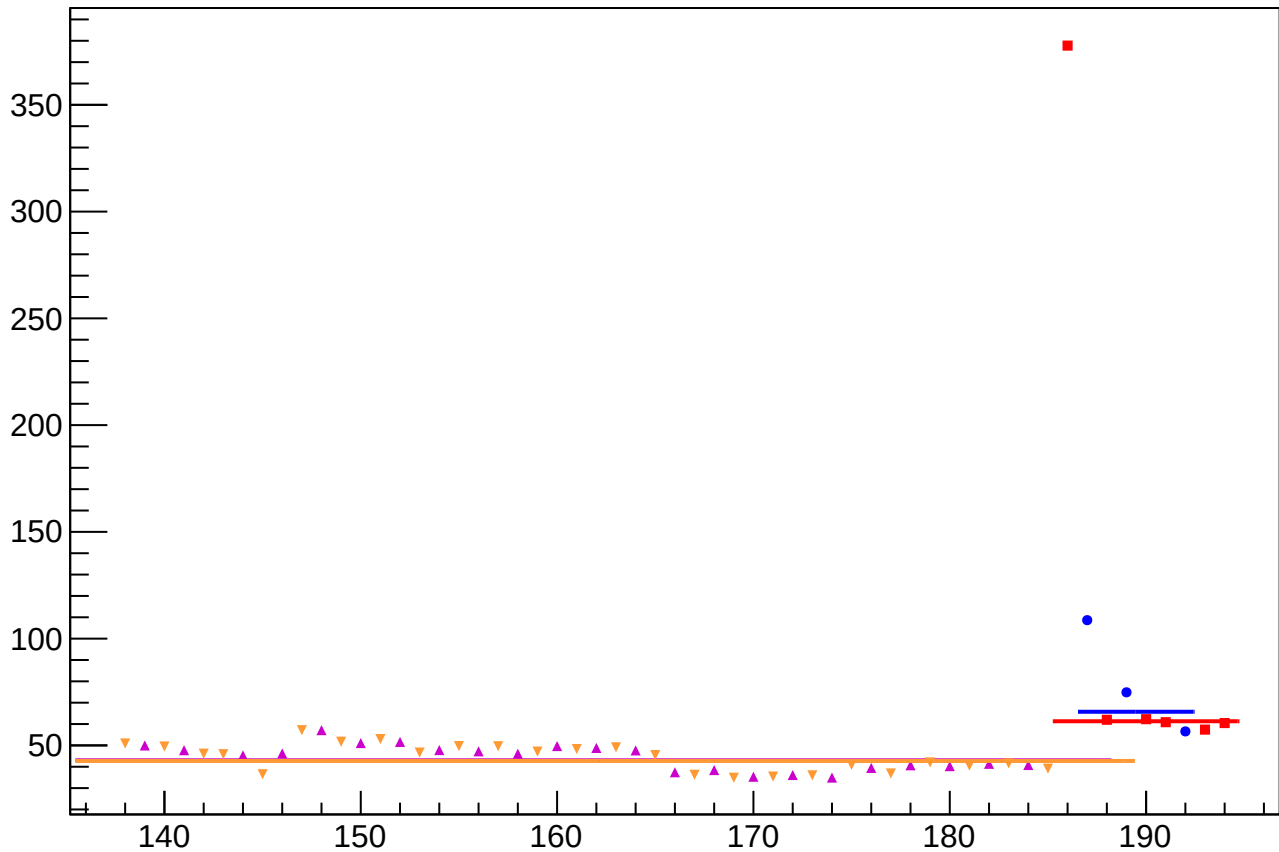
Left In: -8.325 $\pm$ 10.361 χ^2/NDF :29.6/22

+ sign 23.837 $\pm$ 9.977 χ^2/NDF : 41.2/27

All: 8.688 $\pm$ 7.036 χ^2/NDF : 81.7/56

- sign -6.302 $\pm$ 9.924 χ^2/NDF : 35.9/28

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 65.755 $\pm$ 0.047 χ^2/NDF : 81471.2/2

Left Out: 42.716 $\pm$ 0.007 χ^2/NDF : 771558.7/24

Right Out: 61.304 $\pm$ 0.024 χ^2/NDF : 531511.1/5

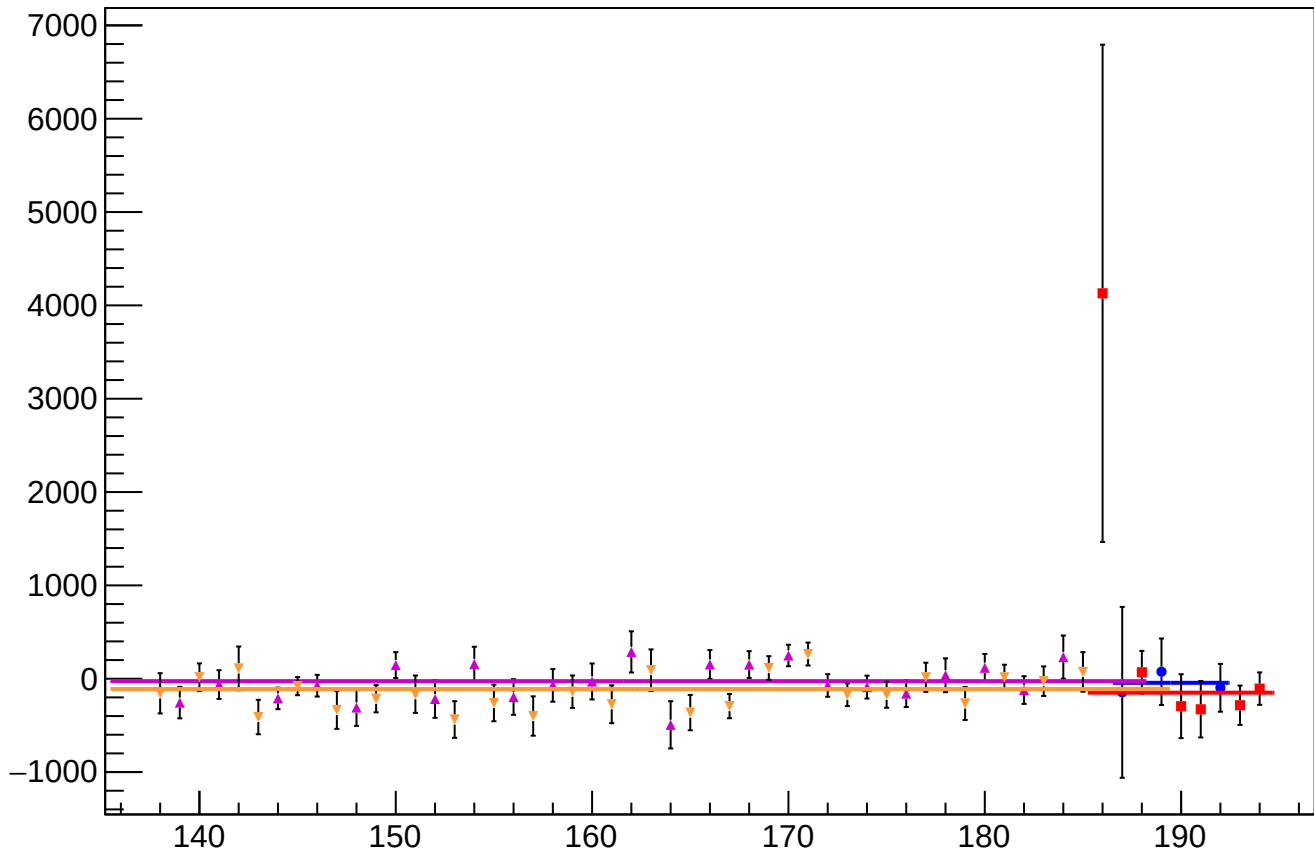
Left In: 43.021 $\pm$ 0.007 χ^2/NDF : 642598.9/22

+ sign 43.231 $\pm$ 0.007 χ^2/NDF : 1086046.6/27

All: 43.884 $\pm$ 0.005 χ^2/NDF : 2790977.8/56

- sign 44.530 $\pm$ 0.007 χ^2/NDF : 1687890.4/28

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -43.720 ± 202.744 χ^2/NDF : 0.2/2

Left Out: -110.340 ± 31.717 χ^2/NDF : 33.0/24

Right Out: -149.407 ± 102.894 χ^2/NDF : 4.5/5

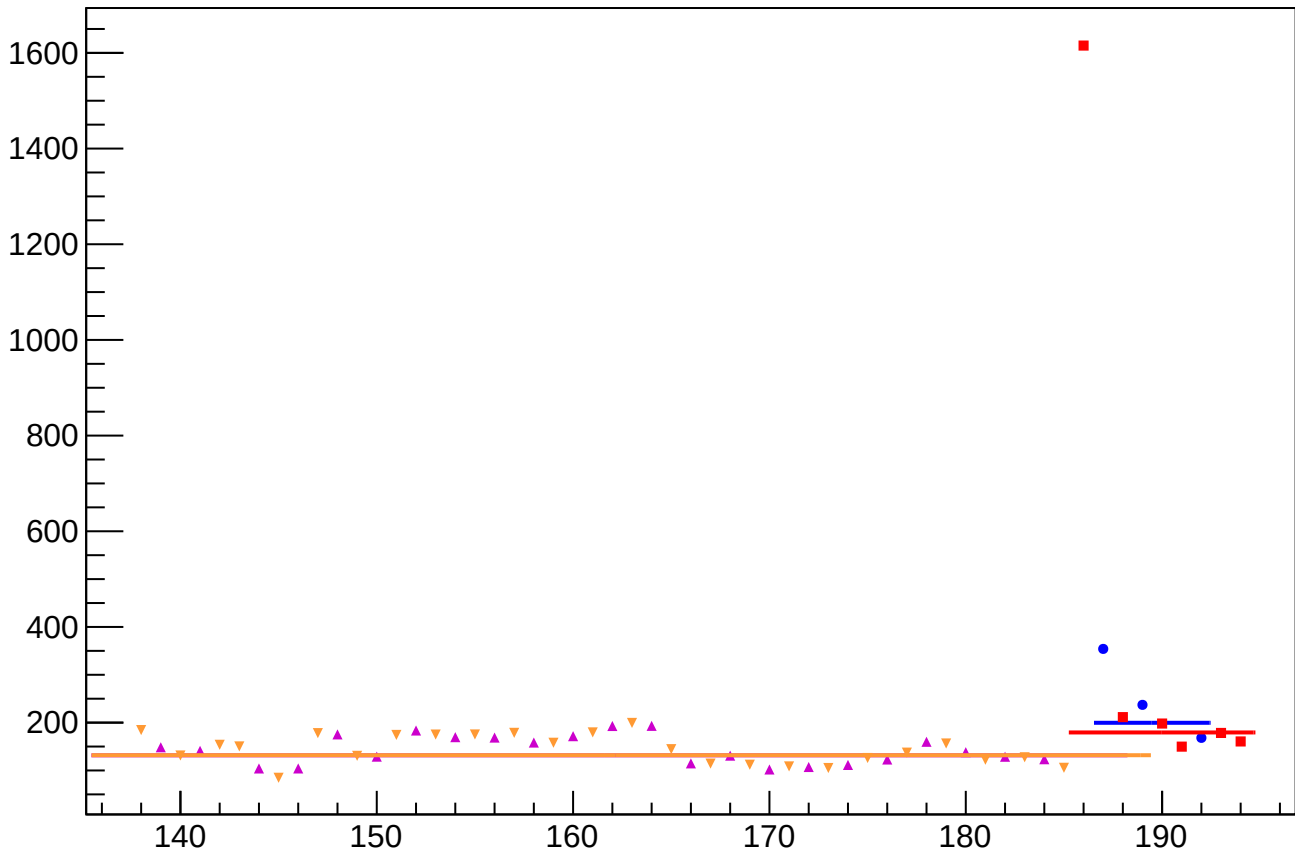
Left In: -25.828 ± 32.100 χ^2/NDF : 29.0/22

+ sign -108.749 ± 31.336 χ^2/NDF : 33.2/27

All: -71.964 ± 21.909 χ^2/NDF : 70.7/56

- sign -36.788 ± 30.643 χ^2/NDF : 34.8/28

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 199.651 $\pm$ 0.143 χ^2/NDF : 109354.0/2

Left Out: 131.875 $\pm$ 0.022 χ^2/NDF : 1806379.2/24

Right Out: 179.450 $\pm$ 0.073 χ^2/NDF : 669035.6/5

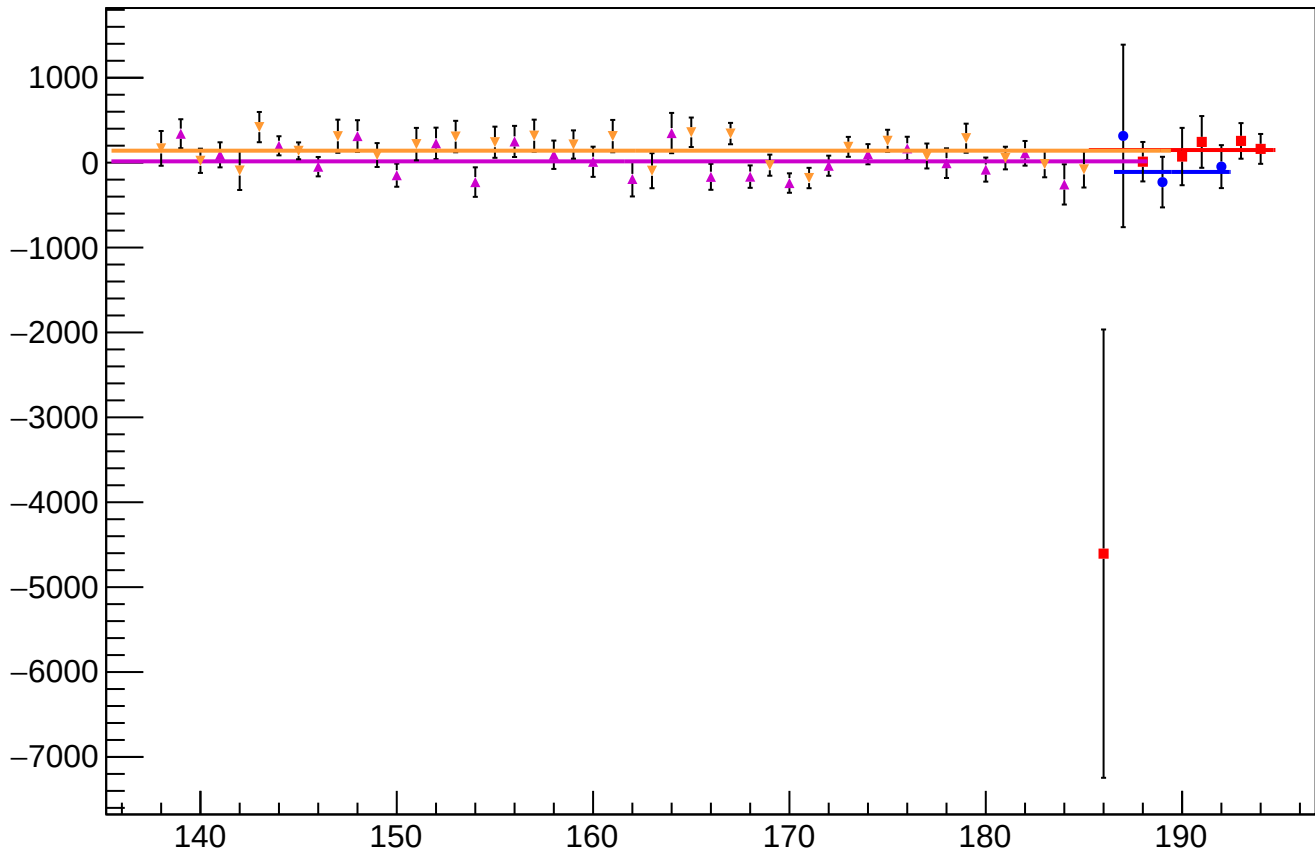
Left In: 131.630 $\pm$ 0.023 χ^2/NDF : 1403692.5/22

+ sign 133.494 $\pm$ 0.022 χ^2/NDF : 2133897.8/27

All: 134.709 $\pm$ 0.015 χ^2/NDF : 4606192.5/56

- sign 135.871 $\pm$ 0.022 χ^2/NDF : 2466411.0/28

asym_sam_37_26_dd_mean vs Slug



Right In: -109.469 ± 189.852 χ^2/NDF : 0.4/2

Left Out: 141.008 ± 30.636 χ^2/NDF : 27.1/24

Right Out: 148.679 ± 103.560 χ^2/NDF : 4.0/5

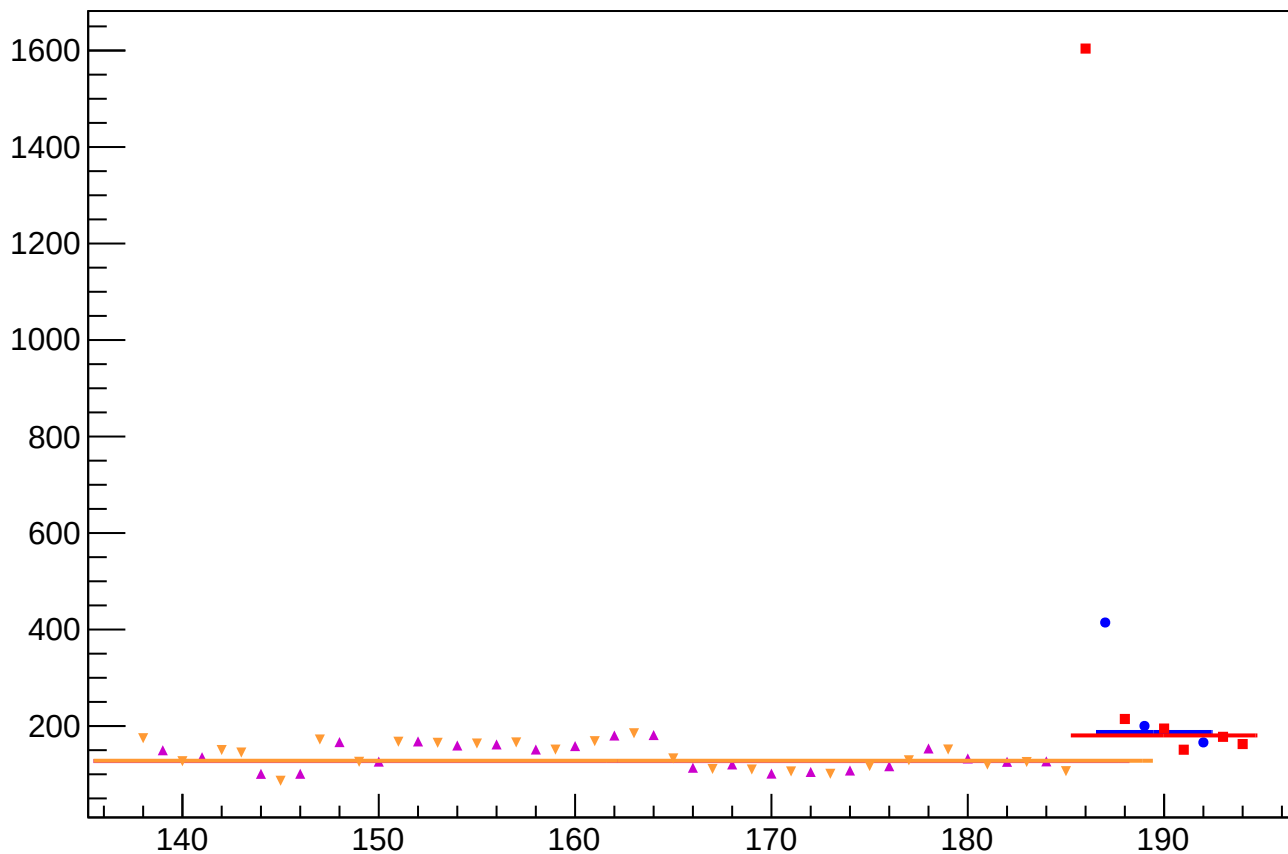
Left In: 15.199 ± 31.033 χ^2/NDF : 31.4/22

+ sign 134.651 ± 30.244 χ^2/NDF : 29.2/27

All: 79.489 ± 21.201 χ^2/NDF : 72.6/56

- sign 26.197 ± 29.727 χ^2/NDF : 36.9/28

asym_sam_37_26_dd_rms vs Slug



Right In: 187.688 $\pm$ 0.134 χ^2/NDF : 107269.6/2

Left Out: 128.060 $\pm$ 0.022 χ^2/NDF : 1530283.7/24

Right Out: 180.539 $\pm$ 0.073 χ^2/NDF : 667825.6/5

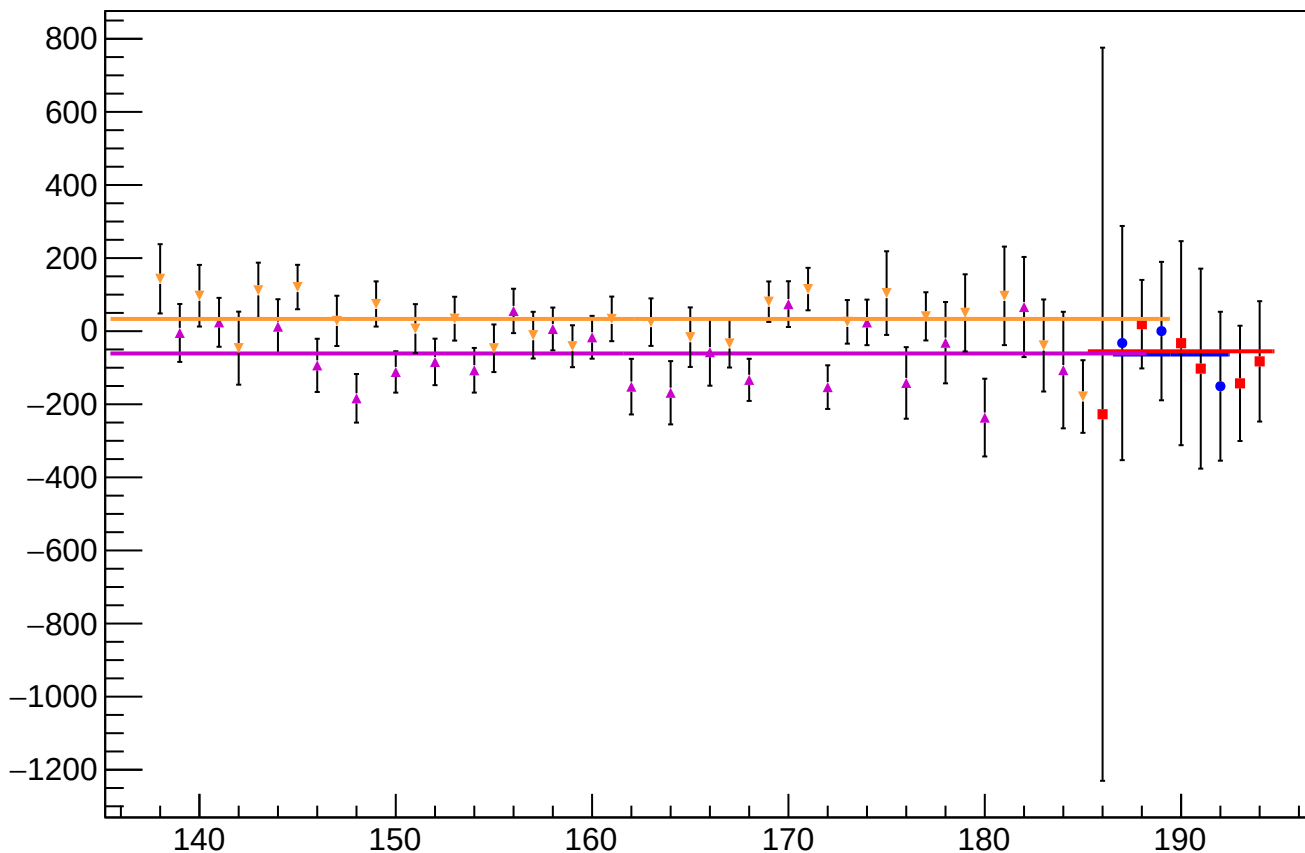
Left In: 127.380 $\pm$ 0.022 χ^2/NDF : 1229899.0/22

+ sign 129.573 $\pm$ 0.021 χ^2/NDF : 1829835.8/27

All: 130.685 $\pm$ 0.015 χ^2/NDF : 4216447.3/56

- sign 131.760 $\pm$ 0.021 χ^2/NDF : 2381292.2/28

dit_asym_sam_1357_avg_mean vs Slug



Right In: -63.812 ± 127.297 χ^2/NDF : 0.3/2

Left Out: 33.535 ± 14.197 χ^2/NDF : 19.7/24

Right Out: -55.051 ± 76.139 χ^2/NDF : 0.8/5

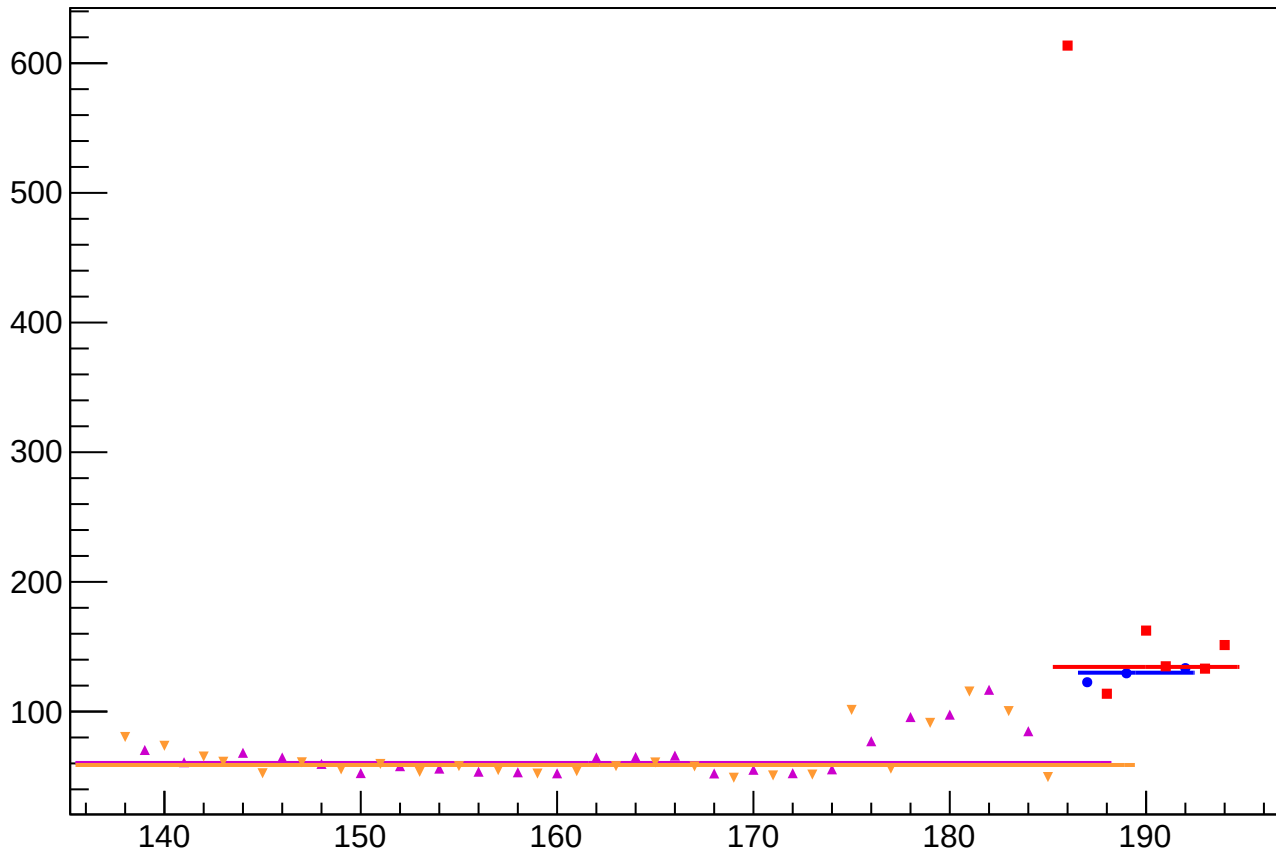
Left In: -60.992 ± 14.839 χ^2/NDF : 31.6/22

+ sign 32.339 ± 14.109 χ^2/NDF : 20.6/27

All: -12.738 ± 10.134 χ^2/NDF : 74.0/56

- sign -60.774 ± 14.565 χ^2/NDF : 32.4/28

dit_asym_sam_1357_avg_rms vs Slug



Right In: 129.967 $\pm$ 0.090 χ^2 /NDF: 1663.7/2

Left Out: 58.793 $\pm$ 0.010 χ^2 /NDF: 1460561.7/24

Right Out: 134.418 $\pm$ 0.054 χ^2 /NDF: 556173.9/5

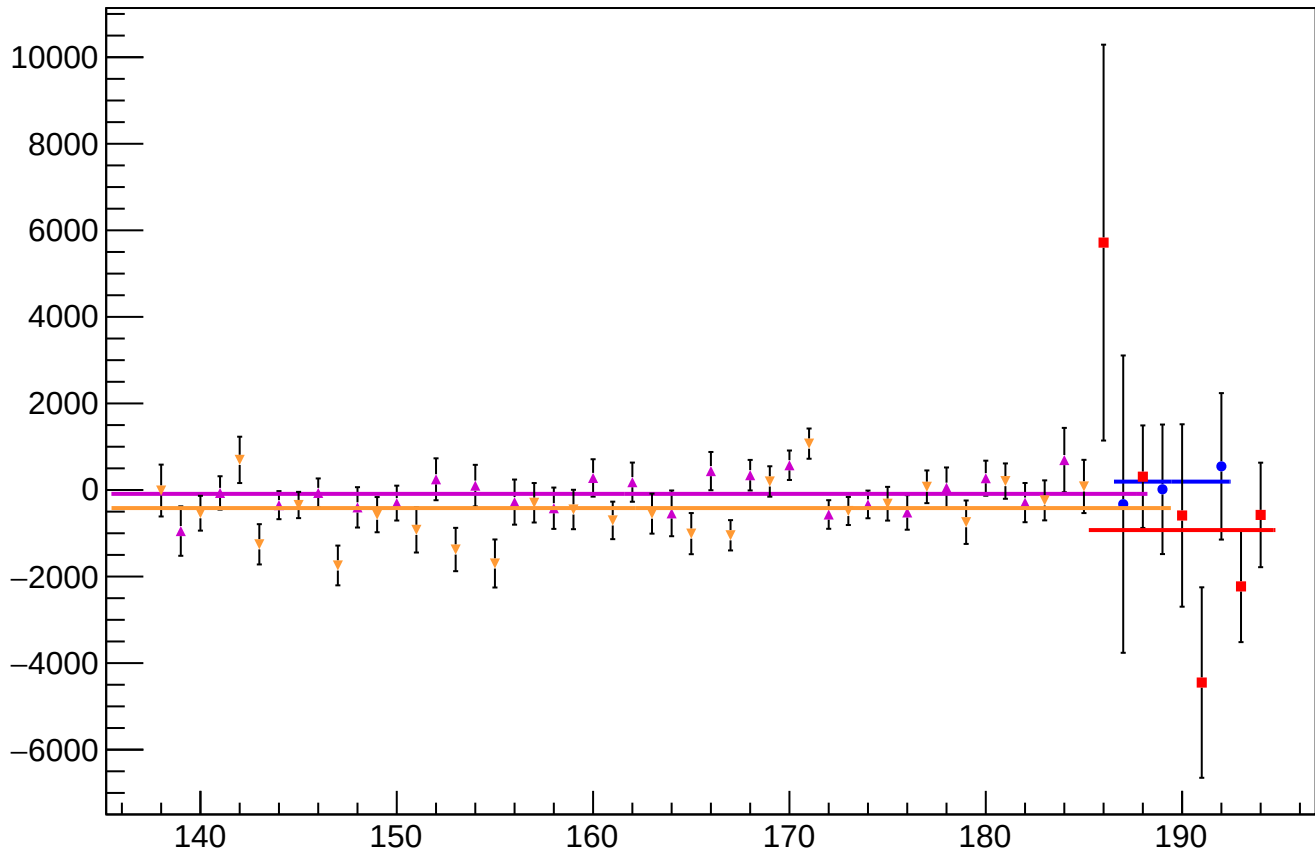
Left In: 60.355 $\pm$ 0.010 χ^2 /NDF: 1217671.4/22

+ sign 59.667 $\pm$ 0.010 χ^2 /NDF: 2079759.8/27

All: 61.312 $\pm$ 0.007 χ^2 /NDF: 5732924.0/56

- sign 63.065 $\pm$ 0.010 χ^2 /NDF: 3597011.8/28

asym_sam_1357_avg_correction_mean vs Slug



Right In: 193.379 ± 1065.751 χ^2/NDF : 0.1/2

Left Out: -417.817 ± 84.969 χ^2/NDF : 58.5/24

Right Out: -926.110 ± 634.813 χ^2/NDF : 6.9/5

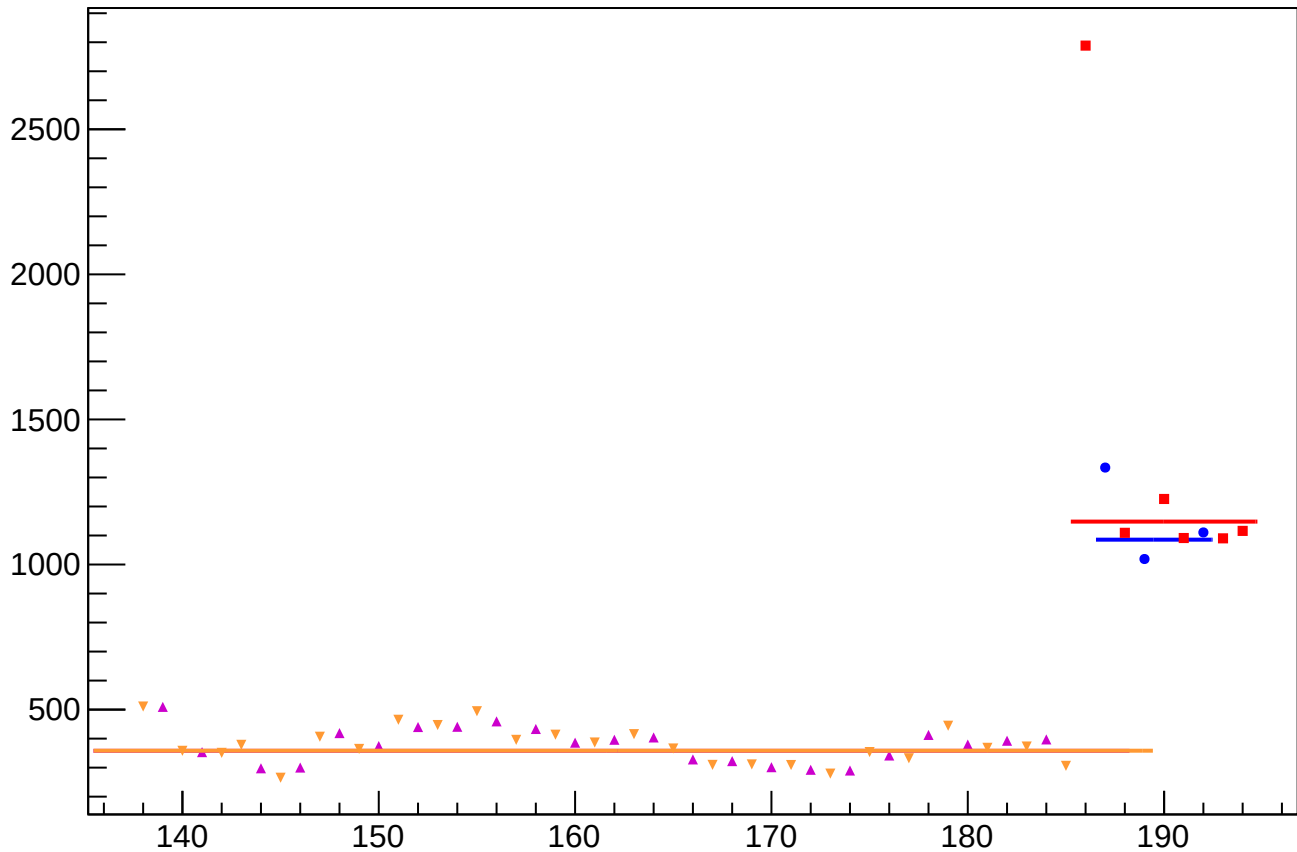
Left In: -89.505 ± 86.438 χ^2/NDF : 19.4/22

+ sign -413.957 ± 84.701 χ^2/NDF : 58.9/27

All: -261.065 ± 60.225 χ^2/NDF : 93.5/56

- sign -104.734 ± 85.648 χ^2/NDF : 28.0/28

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1085.657 $\pm$ 0.754 χ^2 /NDF: 14869.0/2

Left Out: 358.349 $\pm$ 0.060 χ^2 /NDF:1011872.8/24

Right Out: 1147.924 $\pm$ 0.449 χ^2 /NDF: 268908.2/5

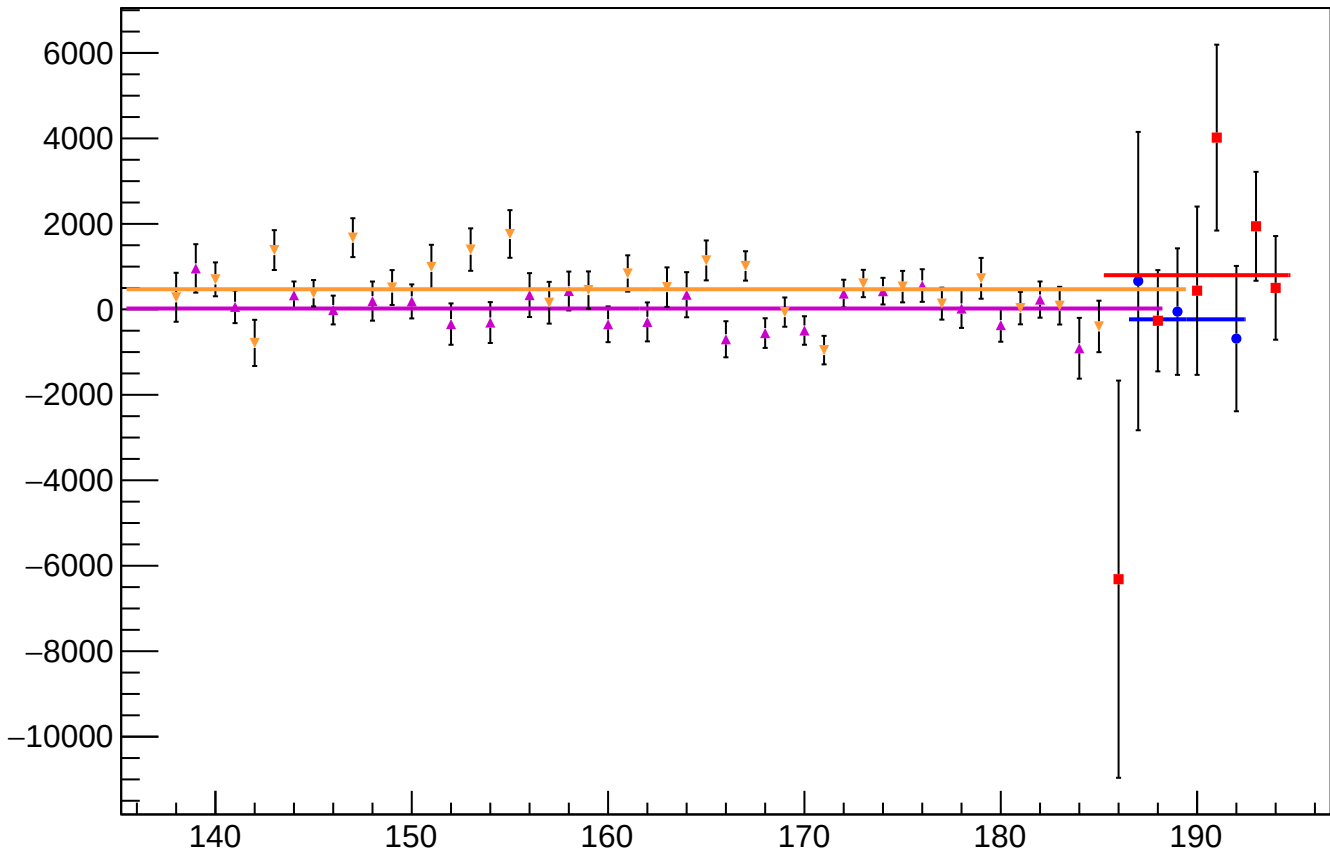
Left In: 357.802 $\pm$ 0.061 χ^2 /NDF:893330.5/22

+ sign 362.943 $\pm$ 0.060 χ^2 /NDF: 1952298.8/27

All: 367.512 $\pm$ 0.043 χ^2 /NDF: 6168238.0/56

- sign 372.184 $\pm$ 0.061 χ^2 /NDF: 4204167.6/28

asym_sam_1357_avg_mean vs Slug



Right In: -233.713 ± 1063.647 $\chi^2/\text{NDF}: 0.2/2$

Left Out: 470.804 ± 83.480 $\chi^2/\text{NDF}: 58.7/24$

Right Out: 799.601 ± 629.486 $\chi^2/\text{NDF}: 6.2/5$

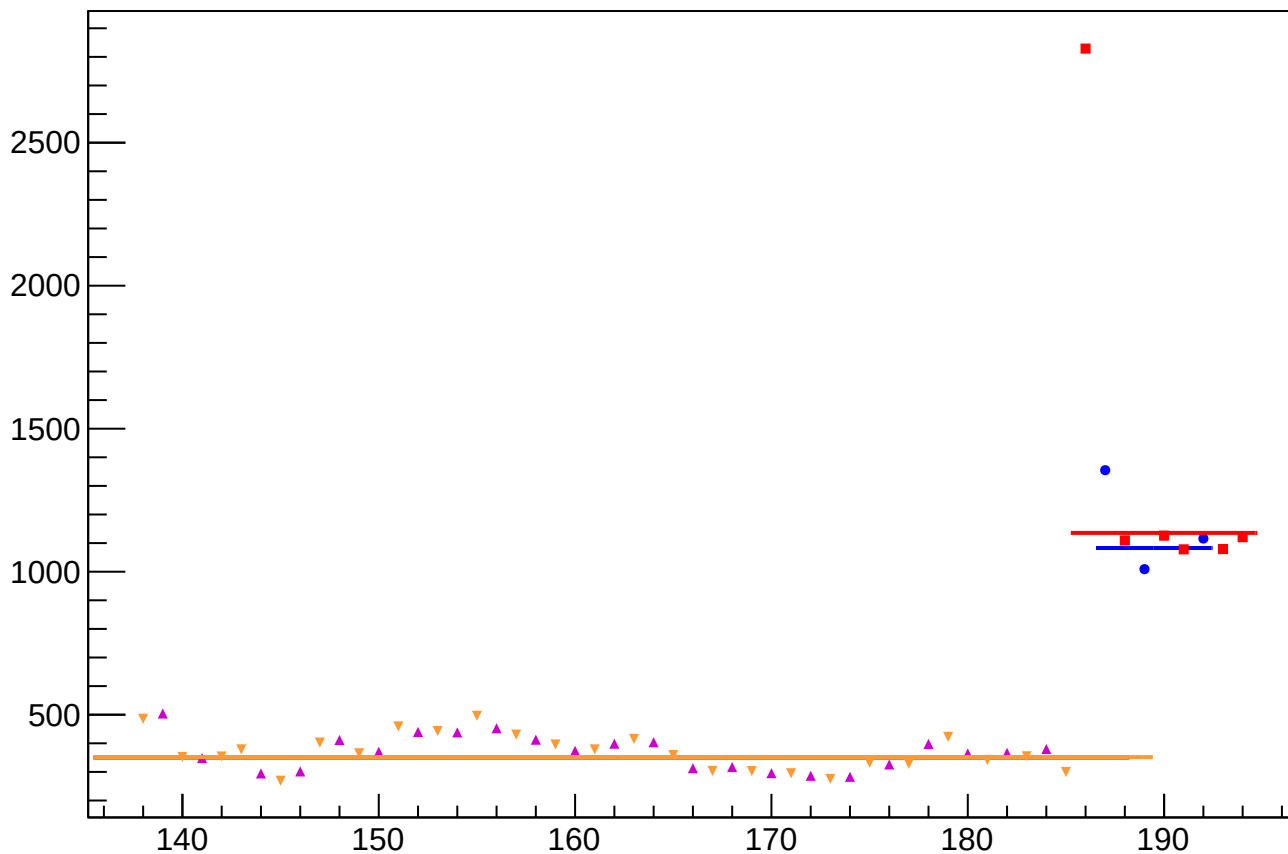
Left In: 19.328 ± 84.679 $\chi^2/\text{NDF}: 23.7/22$

+ sign 466.491 ± 83.224 $\chi^2/\text{NDF}: 59.3/27$

All: 251.657 ± 59.094 $\chi^2/\text{NDF}: 104.1/56$

- sign 33.196 ± 83.923 $\chi^2/\text{NDF}: 31.4/28$

asym_sam_1357_avg_rms vs Slug



Right In: 1082.888+/-0.752 χ^2/NDF : 17895.7/2

Left Out: 351.777+/-0.059 χ^2/NDF : 1016791.1/24

Right Out: 1135.666+/-0.445 χ^2/NDF : 272142.7/5

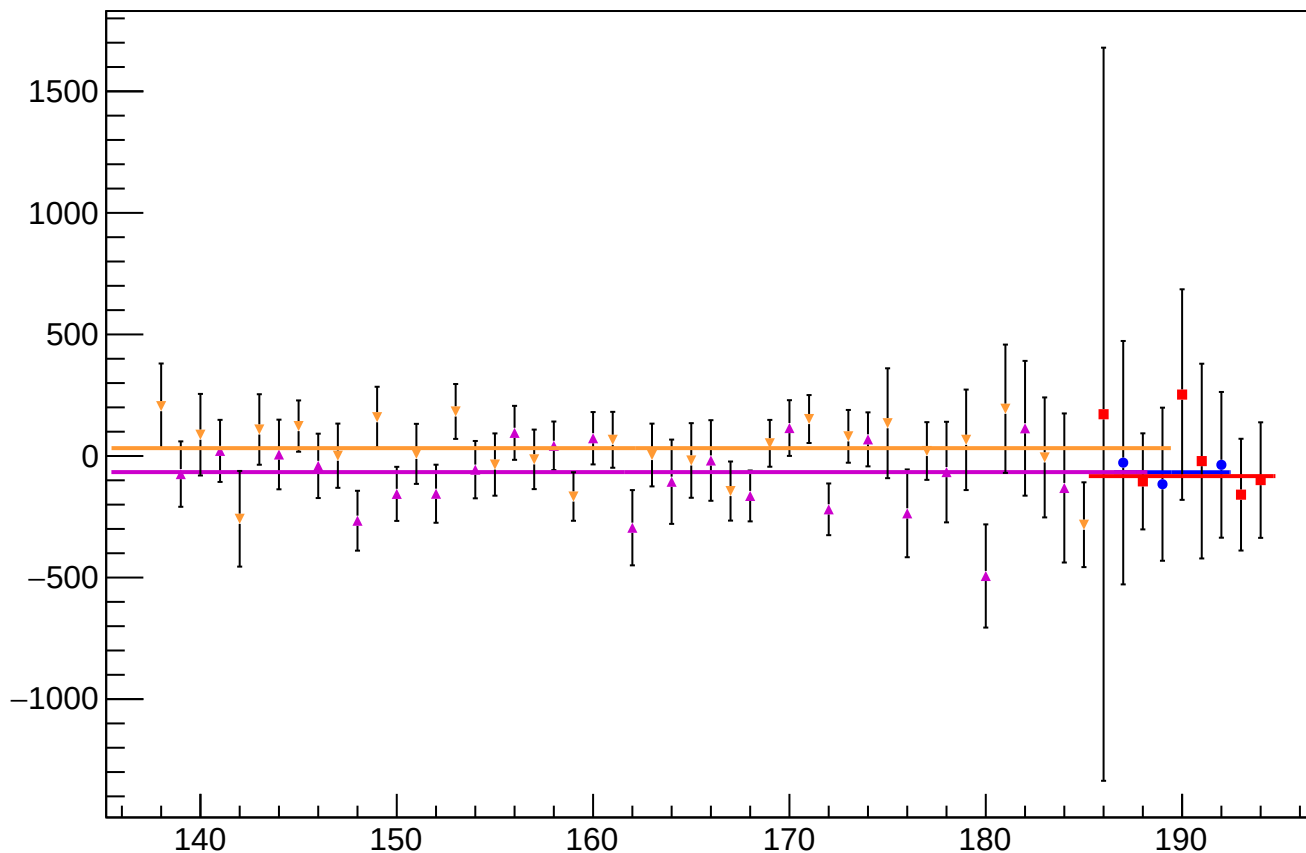
Left In: 350.037+/-0.060 χ^2/NDF : 889435.7/22

+ sign 356.253+/-0.059 χ^2/NDF : 1973836.3/27

All: 360.095+/-0.042 χ^2/NDF : 6203892.6/56

- sign 364.001+/-0.059 χ^2/NDF : 4221461.2/28

dit_asym_sam_2468_avg_mean vs Slug



Right In: -66.822 ± 199.169 χ^2/NDF : 0.0/2

Left Out: 32.332 ± 26.320 χ^2/NDF : 19.6/24

Right Out: -82.747 ± 116.045 χ^2/NDF : 0.8/5

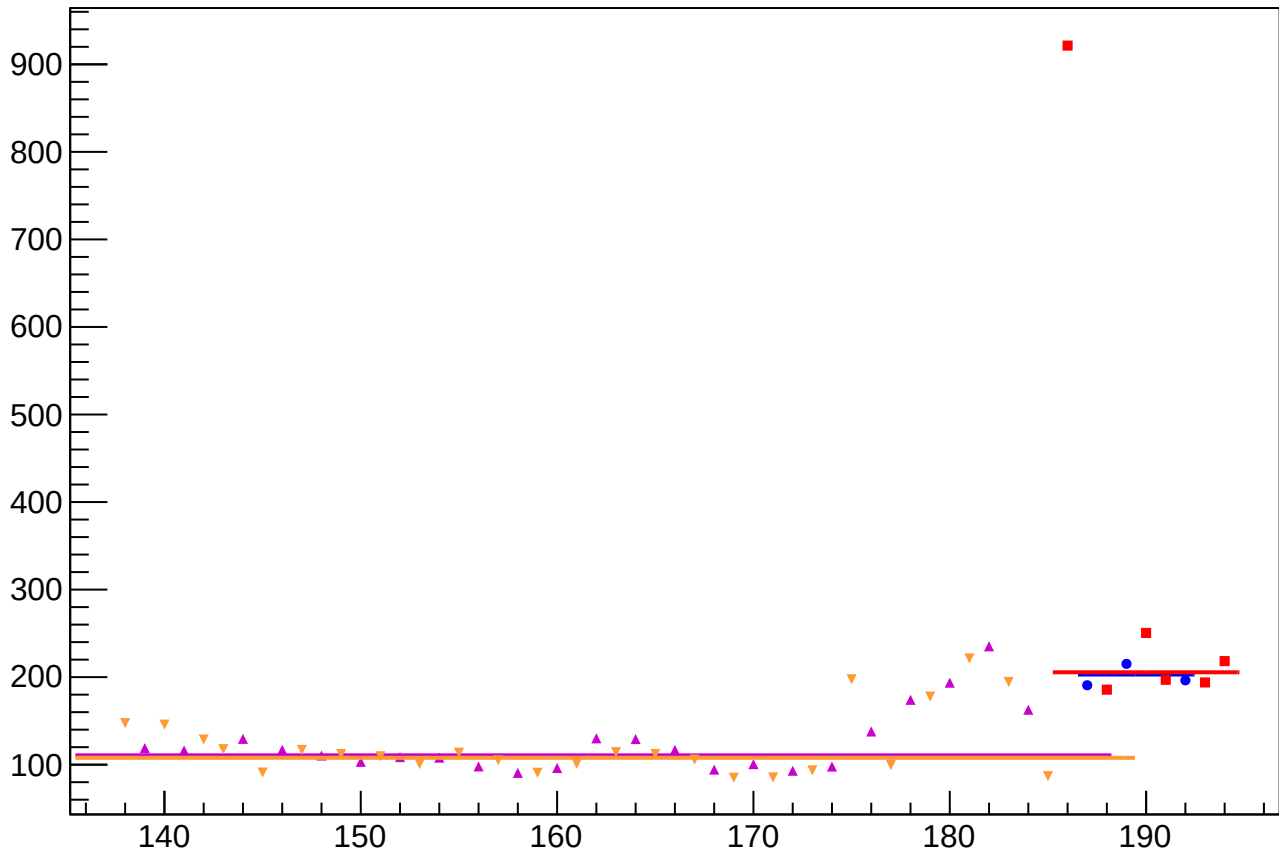
Left In: -66.254 ± 27.450 χ^2/NDF : 24.2/22

+ sign 30.630 ± 26.093 χ^2/NDF : 19.9/27

All: -17.102 ± 18.666 χ^2/NDF : 51.7/56

- sign -67.128 ± 26.713 χ^2/NDF : 25.0/28

dit_asym_sam_2468_avg_rms vs Slug



Right In: 202.995 $\pm$ 0.141 χ^2 /NDF: 5167.1/2

Left Out: 107.852 $\pm$ 0.019 χ^2 /NDF: 1833747.9/24

Right Out: 205.538 $\pm$ 0.082 χ^2 /NDF: 504295.4/5

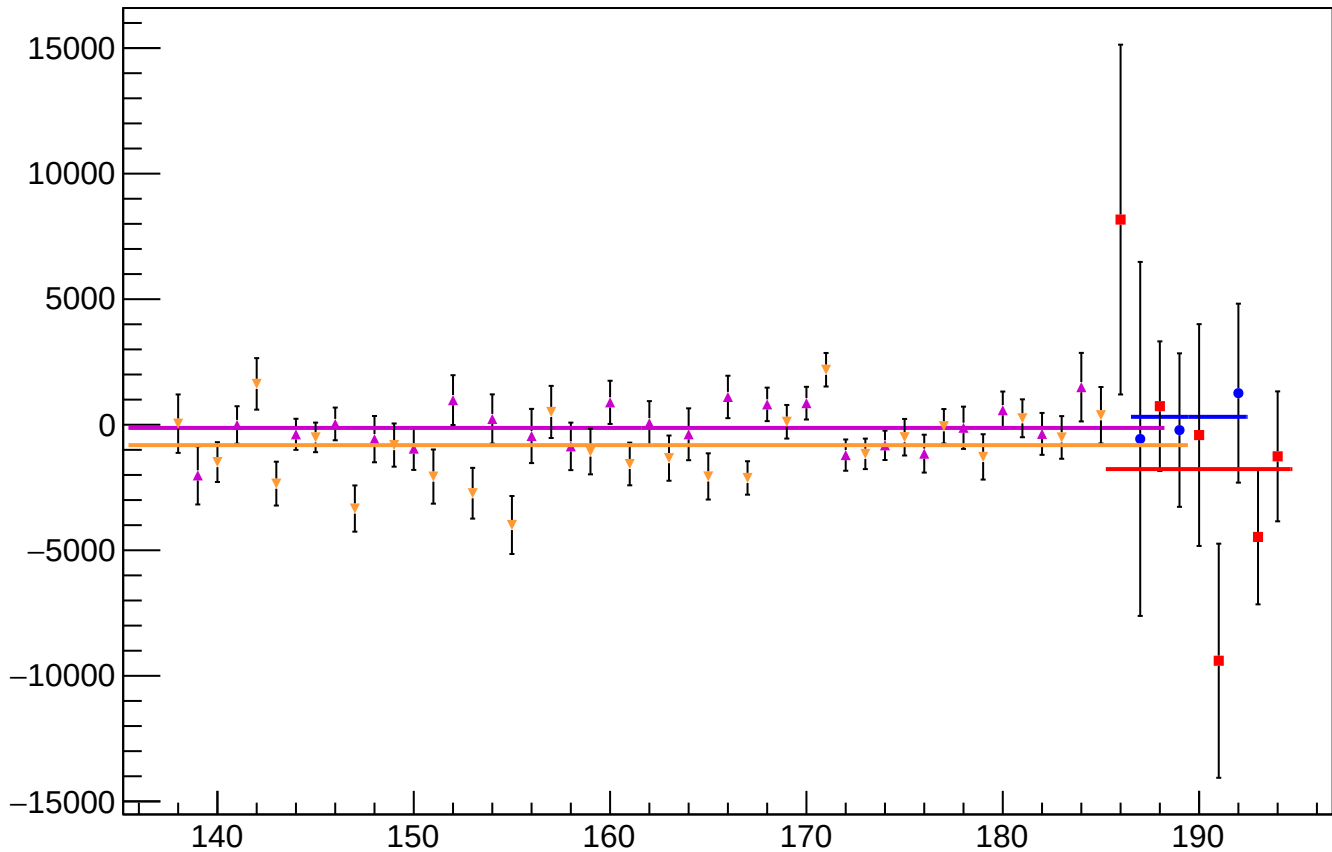
Left In: 110.691 $\pm$ 0.019 χ^2 /NDF: 1406587.3/22

+ sign 109.485 $\pm$ 0.018 χ^2 /NDF: 2287473.6/27

All: 112.528 $\pm$ 0.013 χ^2 /NDF: 5519321.6/56

- sign 115.717 $\pm$ 0.019 χ^2 /NDF: 3176149.7/28

asym_sam_2468_avg_correction_mean vs Slug



Right In: 314.556 ± 2203.888 χ^2/NDF : 0.1/2

Left Out: -813.029 ± 164.102 χ^2/NDF : 66.2/24

Right Out: -1766.745 ± 1340.887 χ^2/NDF : 6.8/5

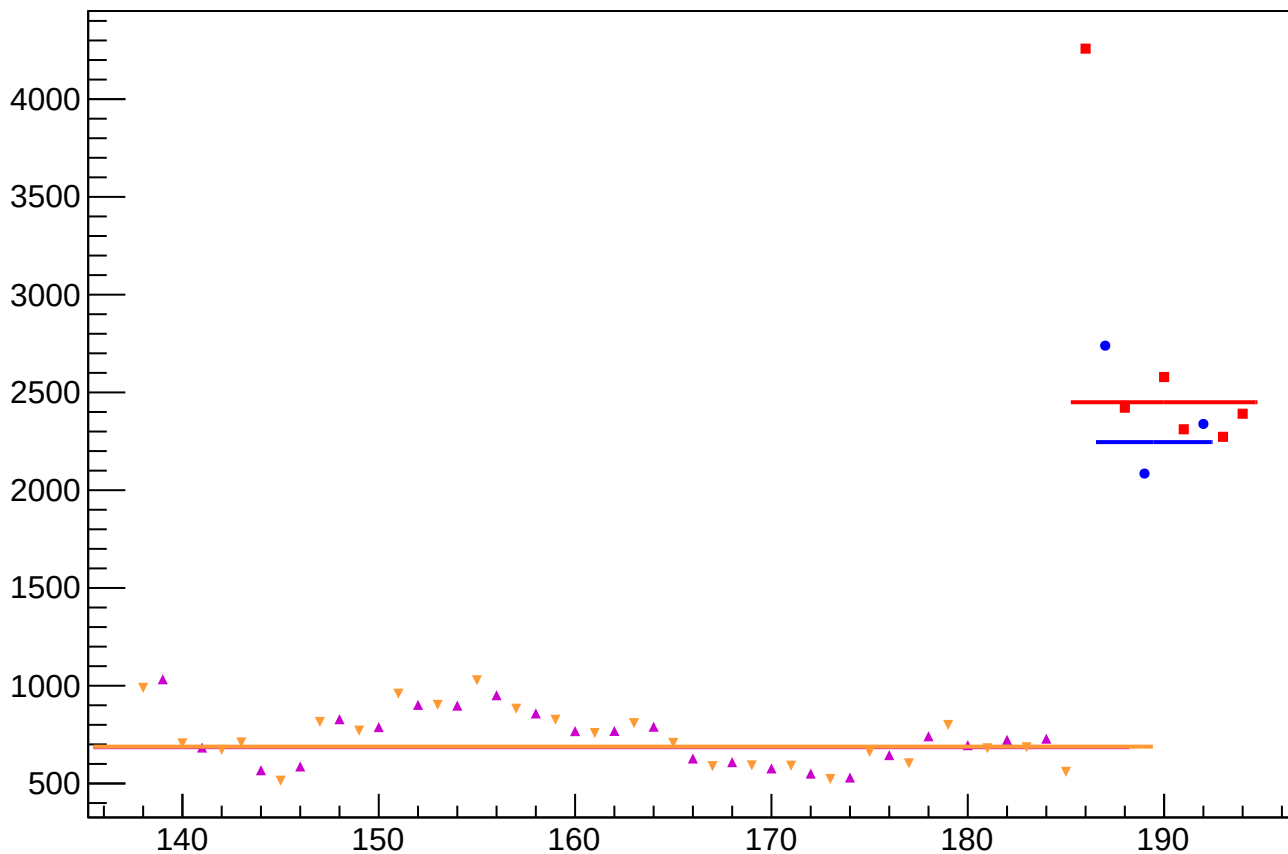
Left In: -127.427 ± 166.308 χ^2/NDF : 22.8/22

+ sign -806.812 ± 163.649 χ^2/NDF : 66.6/27

All: -482.315 ± 116.207 χ^2/NDF : 105.5/56

- sign -152.263 ± 165.044 χ^2/NDF : 31.0/28

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2245.971 $\pm$ 1.558 χ^2 /NDF: 16692.9/2

Left Out: 688.513 $\pm$ 0.116 χ^2 /NDF: 1287701.8/24

Right Out: 2449.823 $\pm$ 0.948 χ^2 /NDF: 148233.2/5

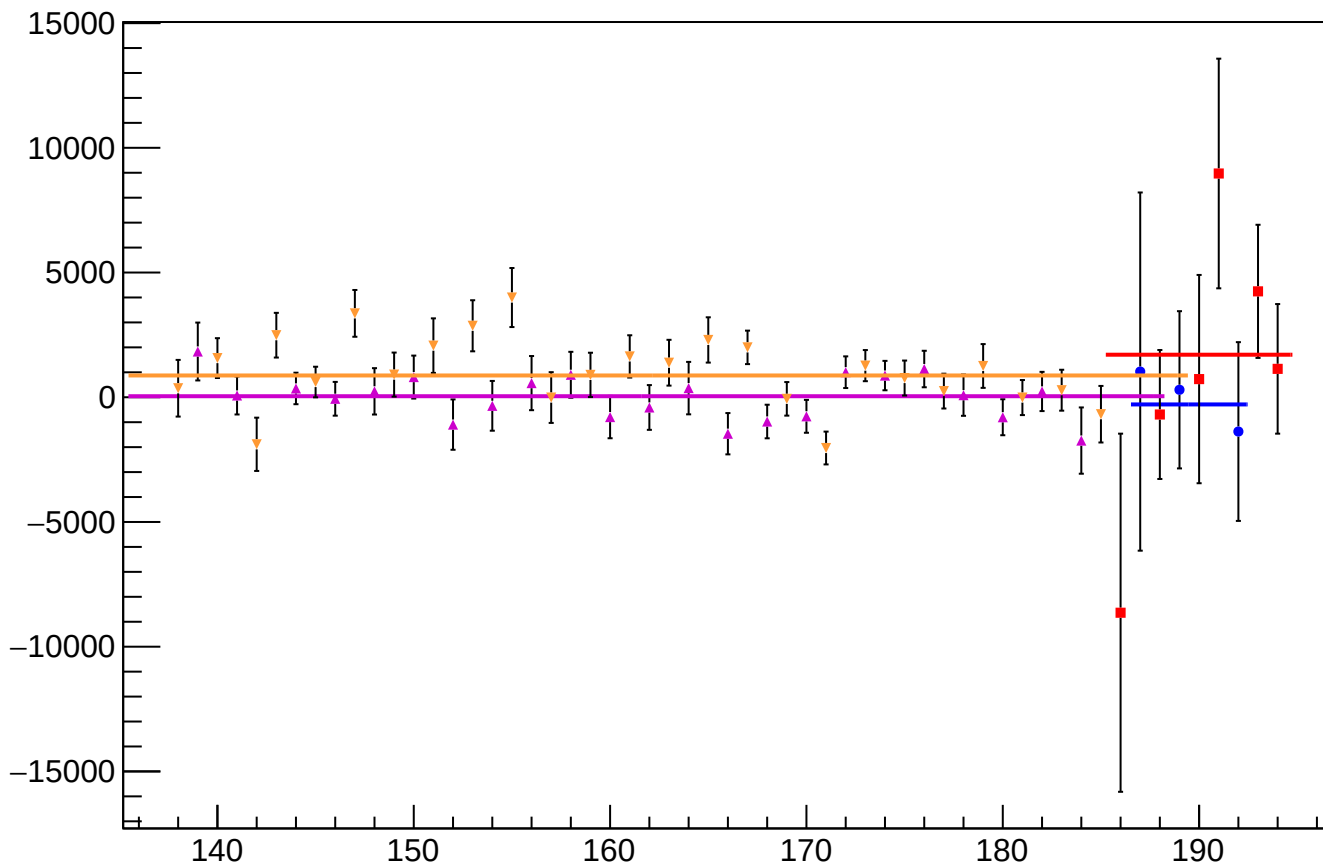
Left In: 685.733 $\pm$ 0.118 χ^2 /NDF: 1156263.7/22

+ sign 697.100 $\pm$ 0.116 χ^2 /NDF: 2297700.2/27

All: 704.715 $\pm$ 0.082 χ^2 /NDF: 7020168.9/56

- sign 712.460 $\pm$ 0.117 χ^2 /NDF: 4713734.6/28

asym_sam_2468_avg_mean vs Slug



Right In: -287.798 ± 2247.552 χ^2/NDF : 0.2/2

Left Out: 873.446 ± 164.269 χ^2/NDF : 64.1/24

Right Out: 1705.401 ± 1333.704 χ^2/NDF : 6.4/5

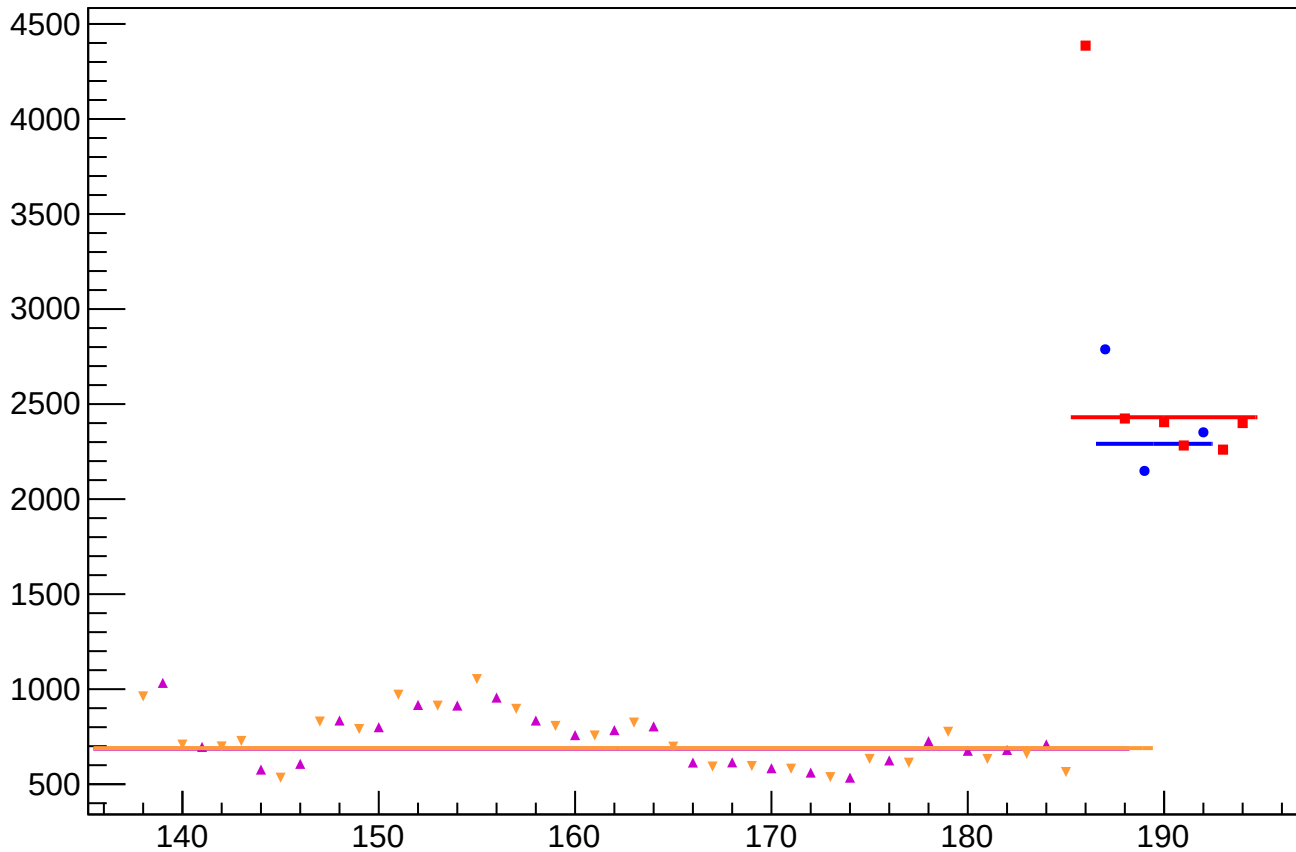
Left In: 41.522 ± 166.728 χ^2/NDF : 24.1/22

+ sign 867.276 ± 163.832 χ^2/NDF : 64.6/27

All: 471.109 ± 116.411 χ^2/NDF : 108.4/56

- sign 67.125 ± 165.440 χ^2/NDF : 32.1/28

asym_sam_2468_avg_rms vs Slug



Right In: 2290.945+/-1.589 χ^2/NDF : 14247.9/2

Left Out: 689.767+/-0.116 χ^2/NDF : 1258608.7/24

Right Out: 2430.765+/-0.943 χ^2/NDF : 158975.3/5

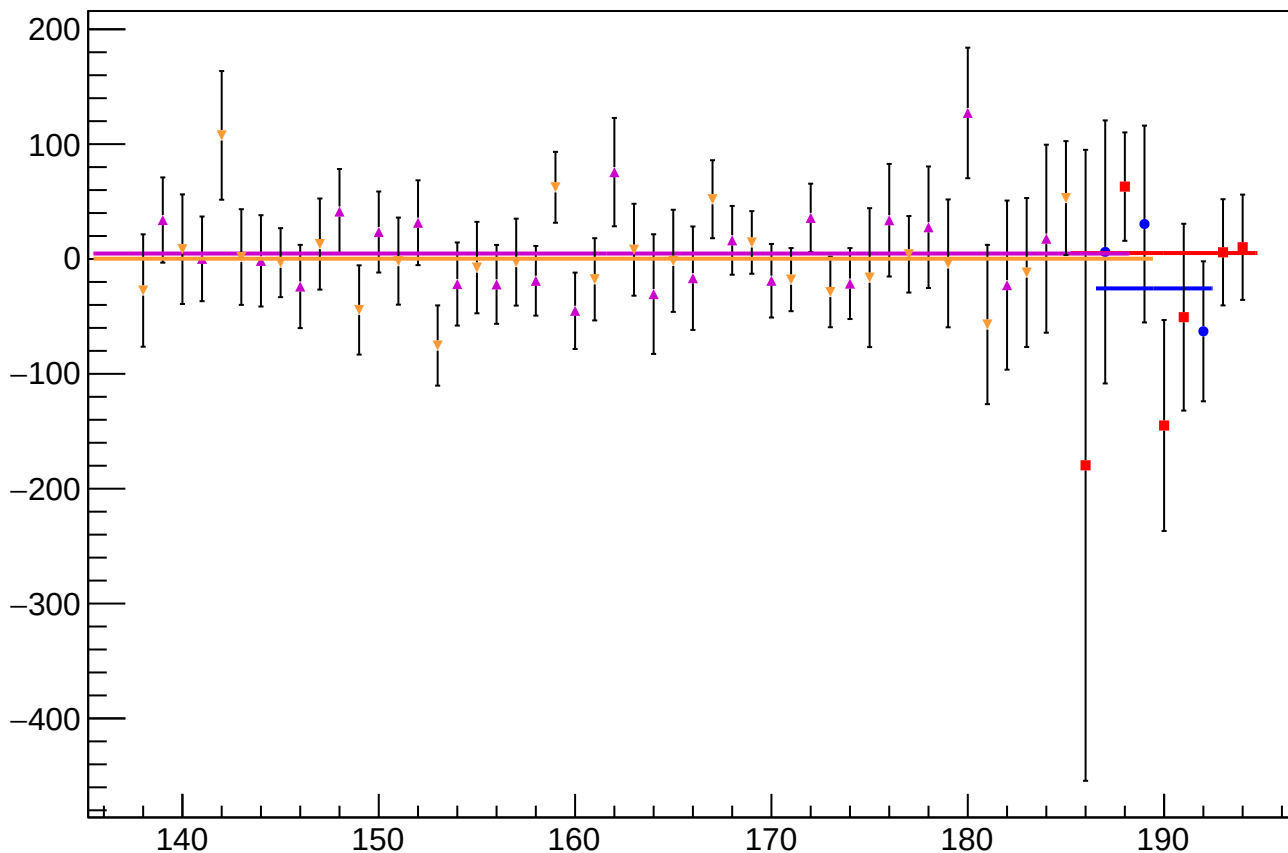
Left In: 686.944+/-0.118 χ^2/NDF : 1116042.4/22

+ sign 698.274+/-0.116 χ^2/NDF : 2282519.3/27

All: 705.950+/-0.082 χ^2/NDF : 6932918.7/56

- sign 713.776+/-0.117 χ^2/NDF : 4641533.5/28

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -25.615 ± 45.556 χ^2/NDF : 0.9/2

Left Out: 0.254 ± 7.690 χ^2/NDF : 20.4/24

Right Out: 5.168 ± 24.429 χ^2/NDF : 5.1/5

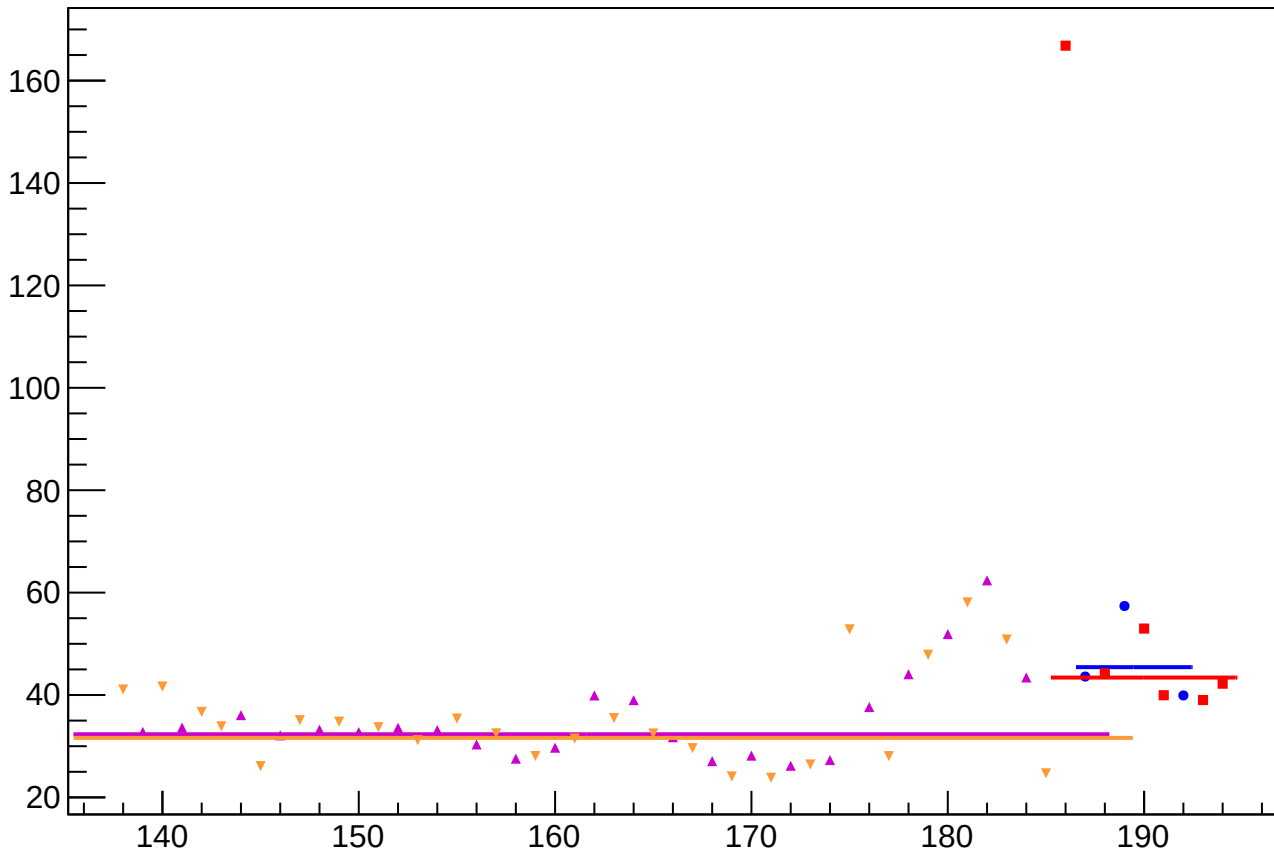
Left In: 4.745 ± 7.976 χ^2/NDF : 17.9/22

+ sign -0.463 ± 7.583 χ^2/NDF : 21.6/27

All: 2.162 ± 5.362 χ^2/NDF : 44.8/56

- sign 4.786 ± 7.582 χ^2/NDF : 23.0/28

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 45.439 $\pm$ 0.032 χ^2 /NDF: 55832.5/2

Left Out: 31.624 $\pm$ 0.005 χ^2 /NDF: 1673431.1/24

Right Out: 43.408 $\pm$ 0.017 χ^2 /NDF: 449125.5/5

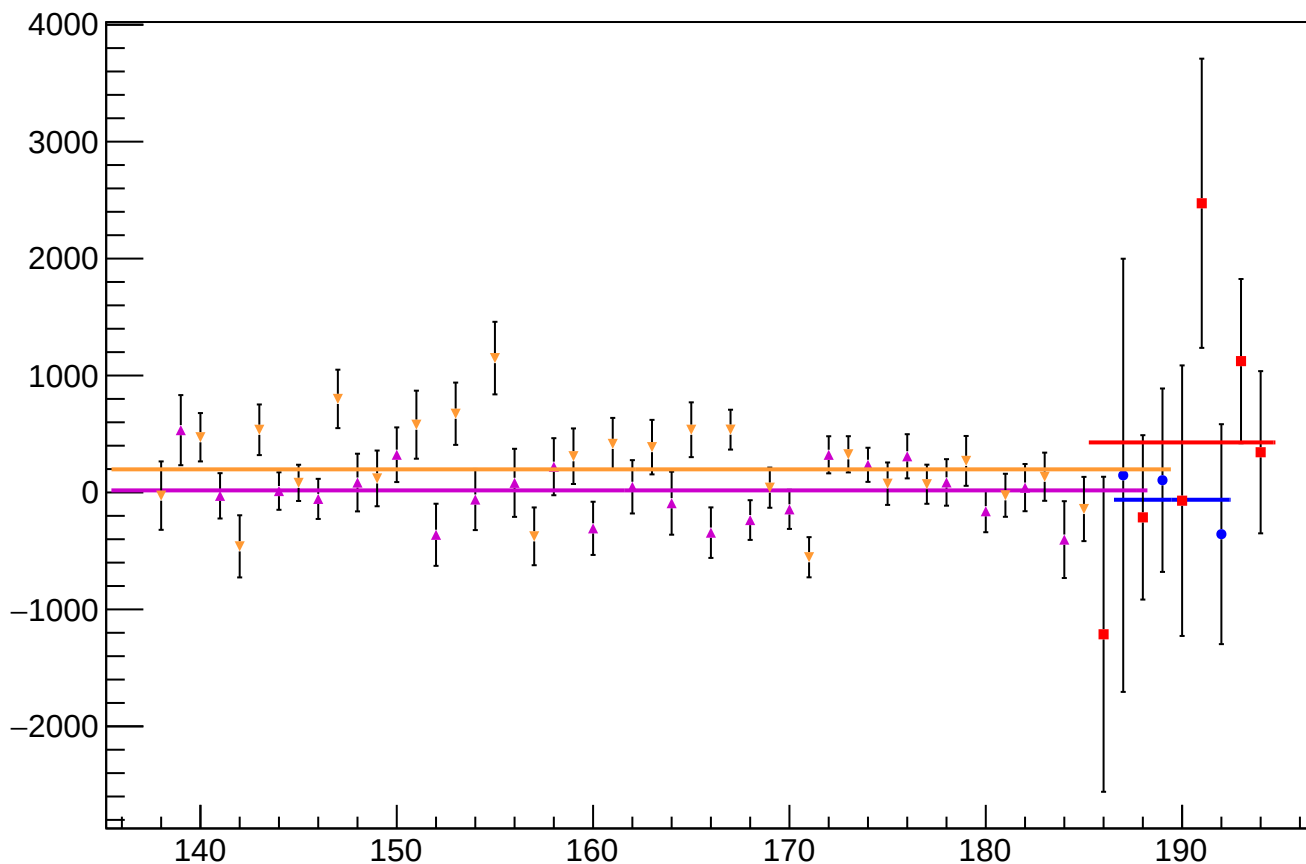
Left In: 32.331 $\pm$ 0.006 χ^2 /NDF: 1141501.0/22

+ sign 32.007 $\pm$ 0.005 χ^2 /NDF: 1908087.0/27

All: 32.703 $\pm$ 0.004 χ^2 /NDF: 3903962.9/56

- sign 33.398 $\pm$ 0.005 χ^2 /NDF: 1962219.4/28

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: -62.350 ± 572.779 χ^2/NDF : 0.2/2

Left Out: 197.682 ± 41.831 χ^2/NDF : 69.9/24

Right Out: 427.893 ± 351.712 χ^2/NDF : 6.2/5

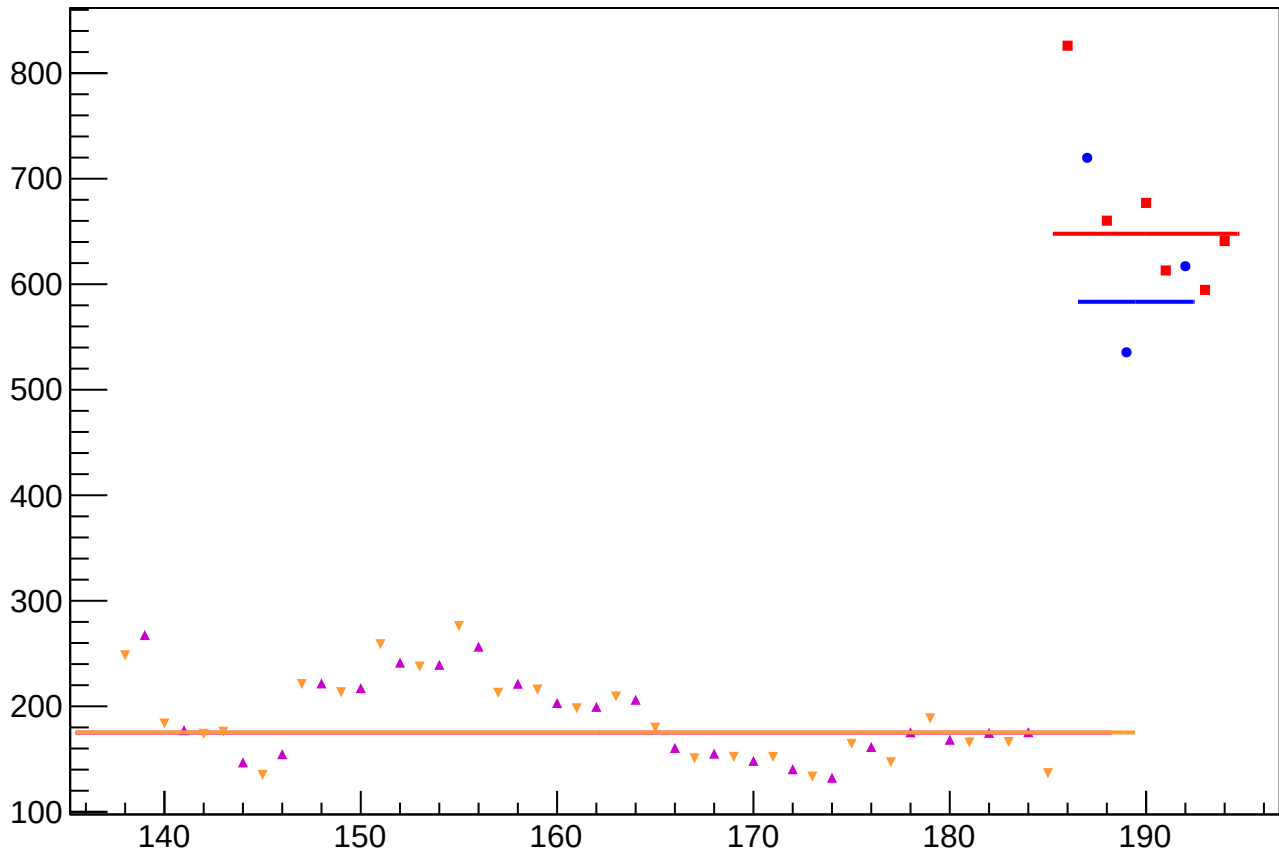
Left In: 17.742 ± 42.576 χ^2/NDF : 27.1/22

+ sign 196.303 ± 41.720 χ^2/NDF : 70.2/27

All: 111.108 ± 29.692 χ^2/NDF : 113.3/56

- sign 23.665 ± 42.267 χ^2/NDF : 34.7/28

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 583.365 $\pm$ 0.405 χ^2 /NDF: 20884.0/2

Left Out: 175.207 $\pm$ 0.030 χ^2 /NDF: 1418225.0/24

Right Out: 647.840 $\pm$ 0.249 χ^2 /NDF: 50179.8/5

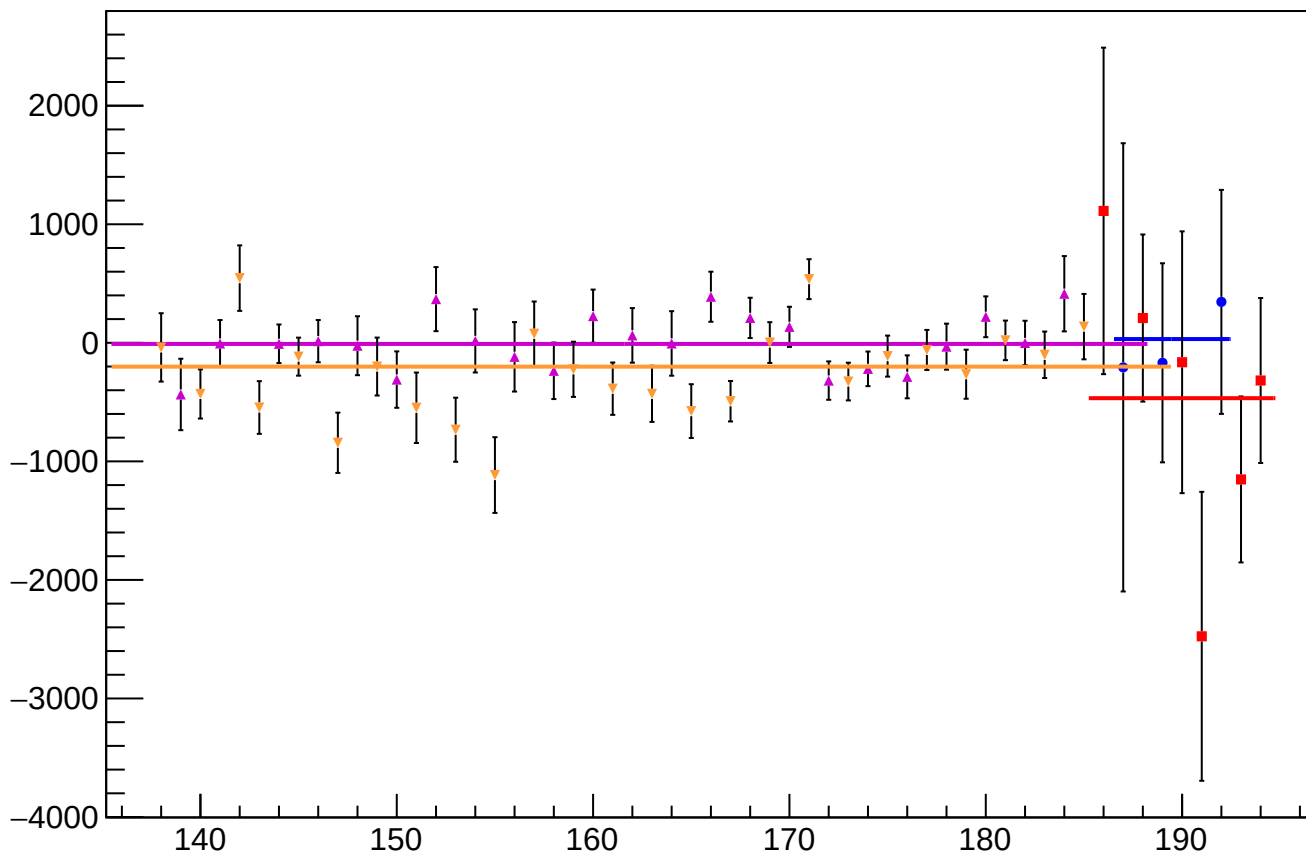
Left In: 175.051 $\pm$ 0.030 χ^2 /NDF: 1339755.1/22

+ sign 177.373 $\pm$ 0.030 χ^2 /NDF: 2449297.5/27

All: 179.596 $\pm$ 0.021 χ^2 /NDF: 7412576.2/56

- sign 181.879 $\pm$ 0.030 χ^2 /NDF: 4951763.6/28

asym_sam_1357_2468_dd_mean vs Slug



Right In: 31.797 ± 595.628 $\chi^2/\text{NDF}: 0.2/2$

Left Out: -200.930 ± 41.741 $\chi^2/\text{NDF}: 65.5/24$

Right Out: -467.010 ± 350.475 $\chi^2/\text{NDF}: 6.0/5$

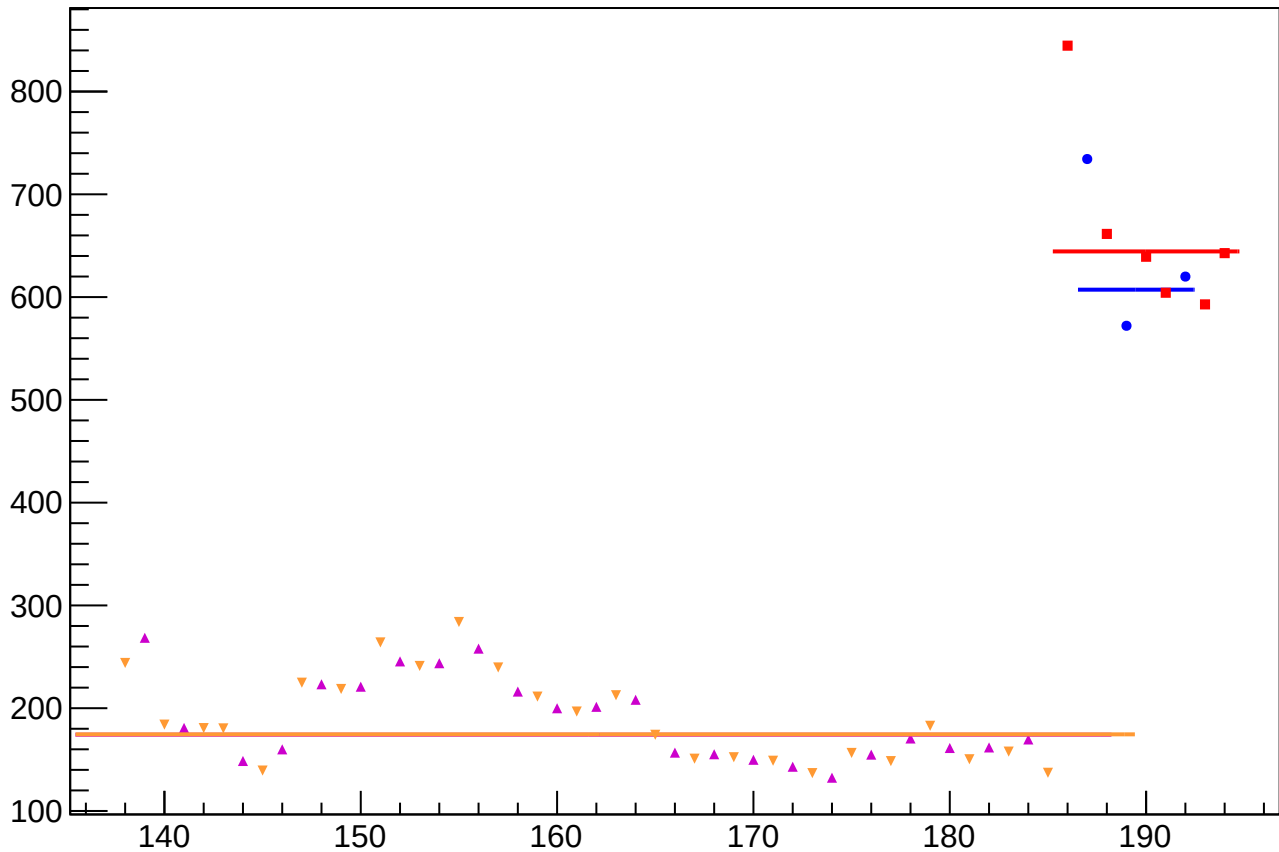
Left In: -9.384 ± 42.437 $\chi^2/\text{NDF}: 25.4/22$

+ sign -199.793 ± 41.639 $\chi^2/\text{NDF}: 65.8/27$

All: -108.969 ± 29.615 $\chi^2/\text{NDF}: 108.6/56$

- sign -15.996 ± 42.129 $\chi^2/\text{NDF}: 33.1/28$

asym_sam_1357_2468_dd_rms vs Slug



Right In: 607.214 $\pm$ 0.421 χ^2/NDF : 12906.4/2

Left Out: 174.567 $\pm$ 0.030 χ^2/NDF : 1532900.3/24

Right Out: 644.431 $\pm$ 0.248 χ^2/NDF : 56507.7/5

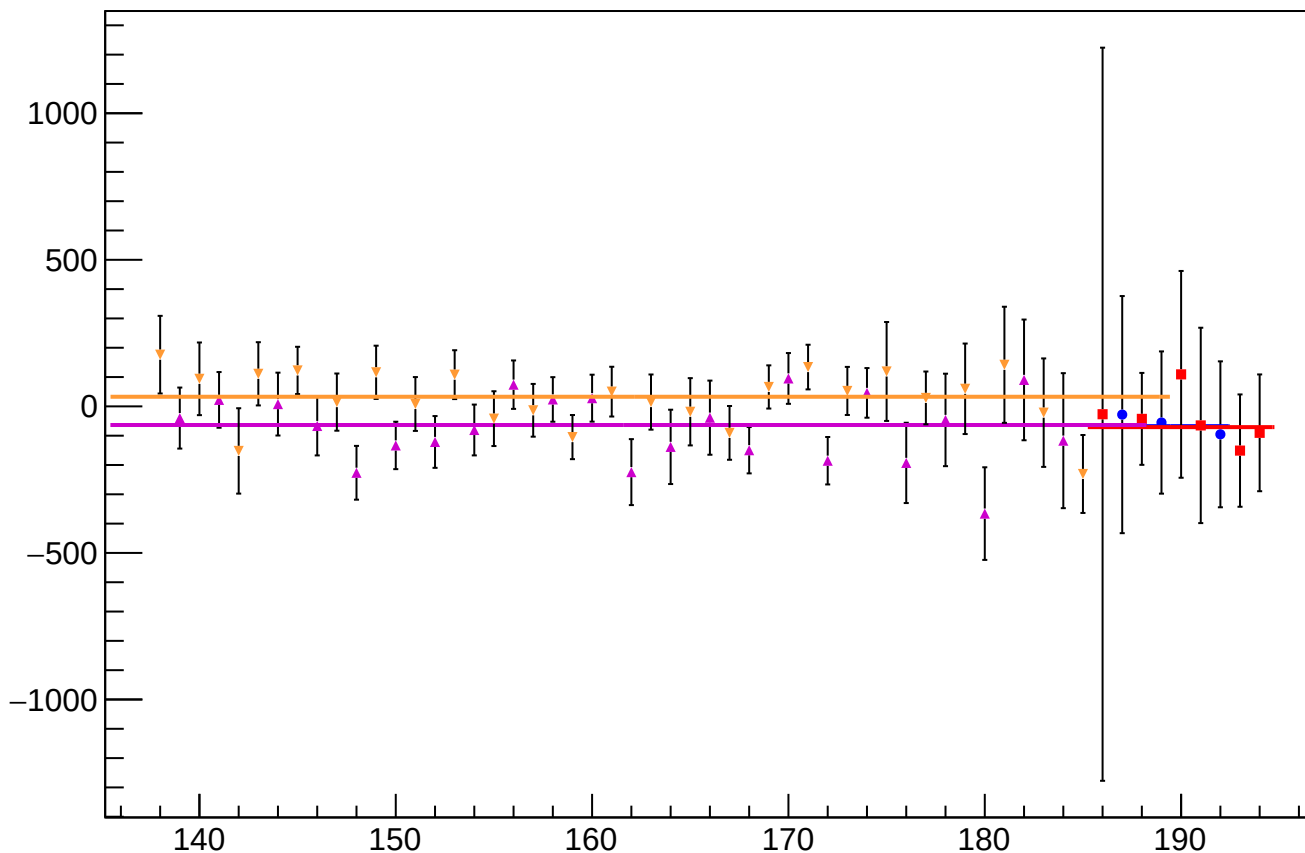
Left In: 174.217 $\pm$ 0.030 χ^2/NDF : 1364600.9/22

+ sign 176.681 $\pm$ 0.029 χ^2/NDF : 2595880.6/27

All: 178.821 $\pm$ 0.021 χ^2/NDF : 7575691.7/56

- sign 181.011 $\pm$ 0.030 χ^2/NDF : 4969123.5/28

dit_asym_sam_12345678_avg_mean vs Slug



Right In: -67.458 ± 159.646 χ^2/NDF : 0.0/2

Left Out: 32.793 ± 19.705 χ^2/NDF : 19.5/24

Right Out: -70.803 ± 95.012 χ^2/NDF : 0.5/5

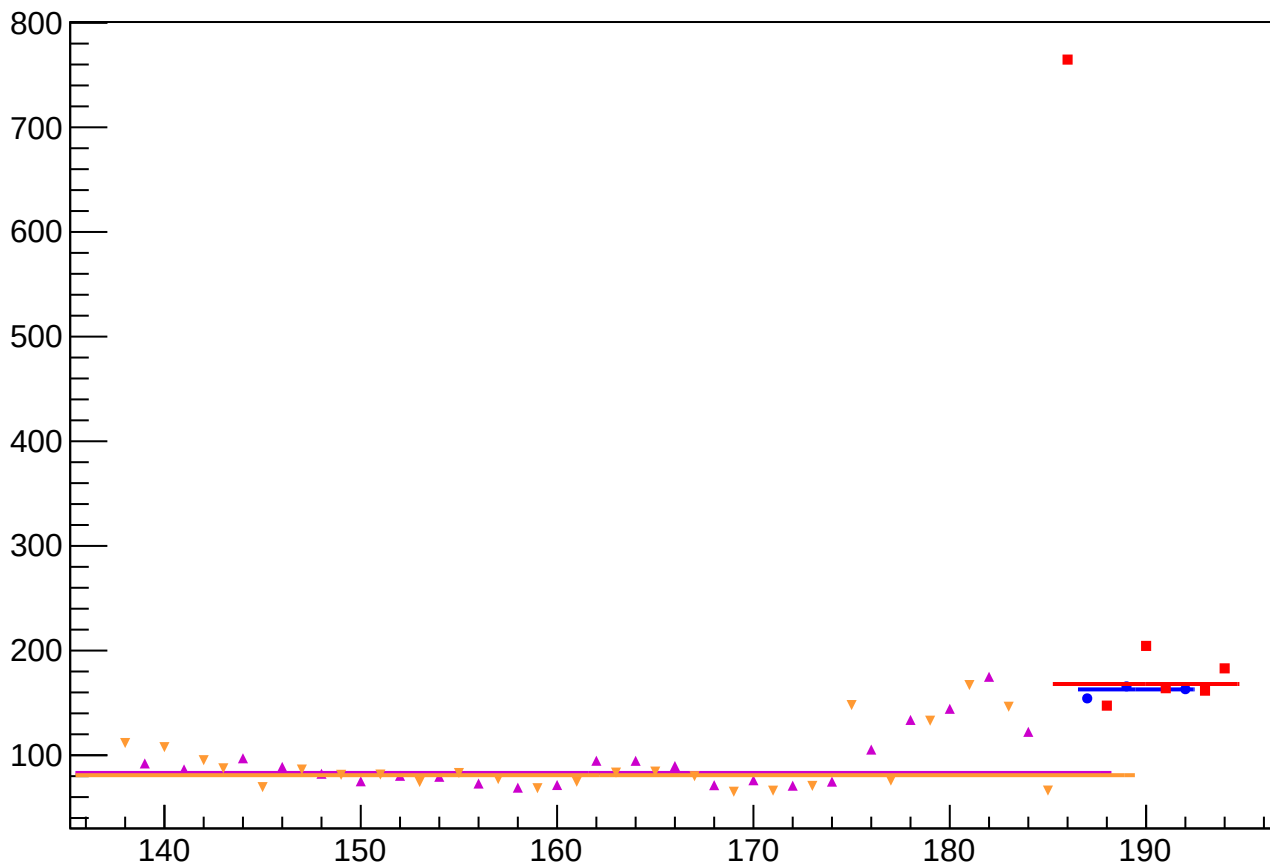
Left In: -63.566 ± 20.573 χ^2/NDF : 27.2/22

+ sign 31.289 ± 19.557 χ^2/NDF : 19.9/27

All: -14.980 ± 14.019 χ^2/NDF : 59.1/56

- sign -63.890 ± 20.107 χ^2/NDF : 27.6/28

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 162.897 $\pm$ 0.113 χ^2/NDF : 1188.6/2

Left Out: 80.926 $\pm$ 0.014 χ^2/NDF : 1760910.0/24

Right Out: 168.059 $\pm$ 0.067 χ^2/NDF : 525061.7/5

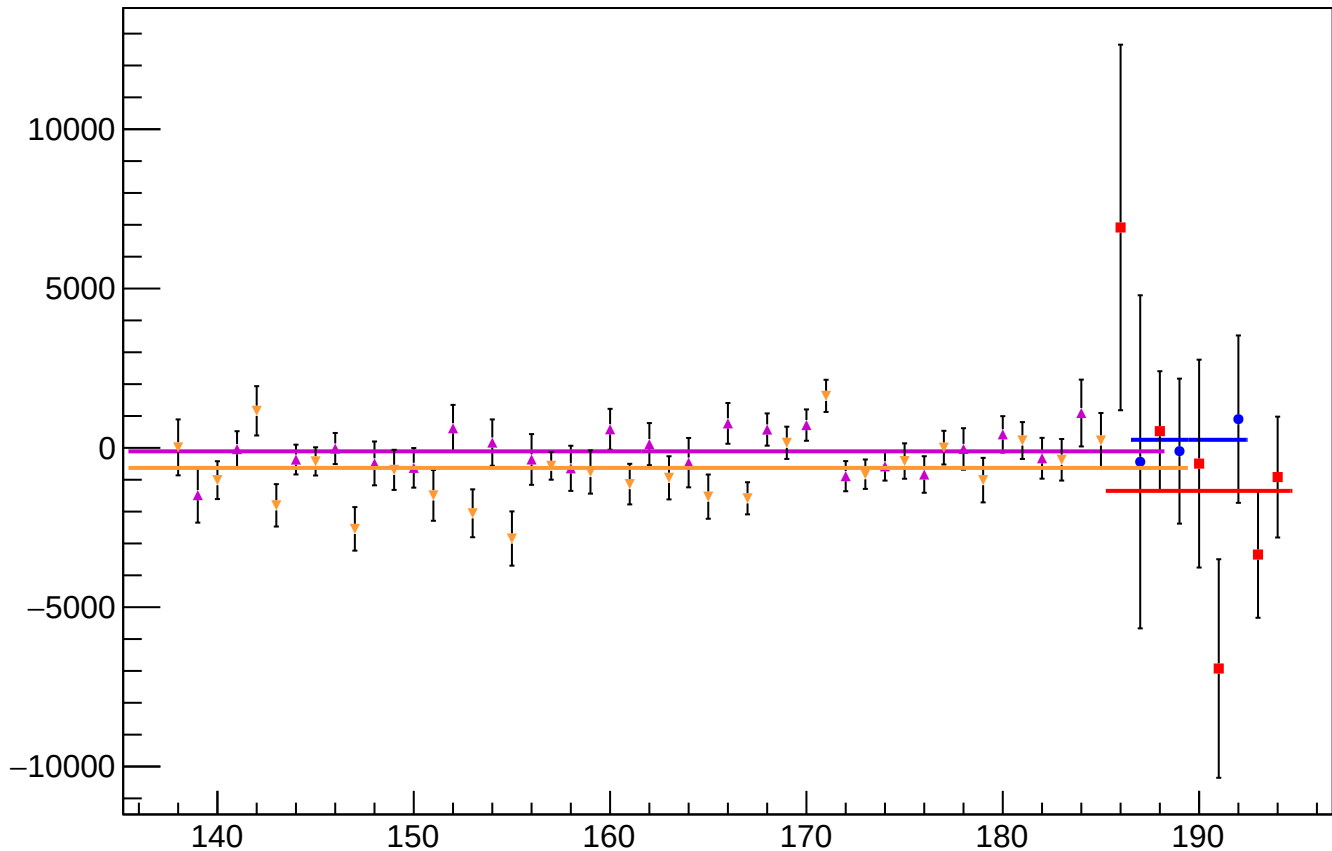
Left In: 83.071 $\pm$ 0.015 χ^2/NDF : 1405124.8/22

+ sign 82.157 $\pm$ 0.014 χ^2/NDF : 2281455.7/27

All: 84.451 $\pm$ 0.010 χ^2/NDF : 5796902.8/56

- sign 86.877 $\pm$ 0.014 χ^2/NDF : 3458804.4/28

asym_sam_12345678_avg_correction_mean vs Slug



Right In: 253.227 $\pm$ 1633.547 χ^2 /NDF: 0.1/2

Left Out: -629.005 $\pm$ 120.608 χ^2 /NDF: 63.2/24

Right Out: -1349.455 $\pm$ 988.142 χ^2 /NDF: 6.8/5

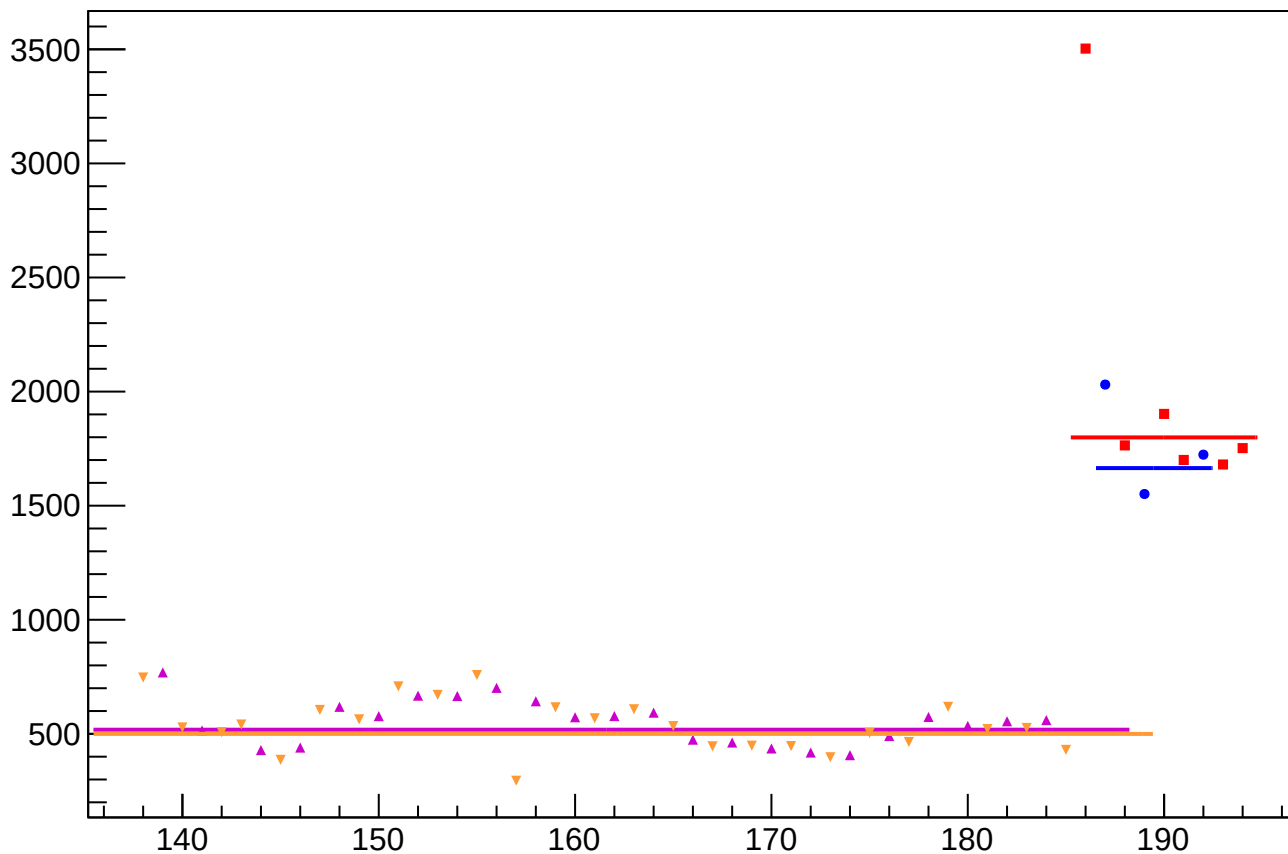
Left In: -108.821 $\pm$ 125.527 χ^2 /NDF: 21.4/22

+ sign -624.222 $\pm$ 120.280 χ^2 /NDF: 63.5/27

All: -384.968 $\pm$ 86.513 χ^2 /NDF: 101.6/56

- sign -128.524 $\pm$ 124.526 χ^2 /NDF: 29.8/28

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1664.713 $\pm$ 1.155 χ^2 /NDF: 15793.1/2

Left Out: 499.813 $\pm$ 0.085 χ^2 /NDF: 1626530.8/24

Right Out: 1799.148 $\pm$ 0.699 χ^2 /NDF: 189208.6/5

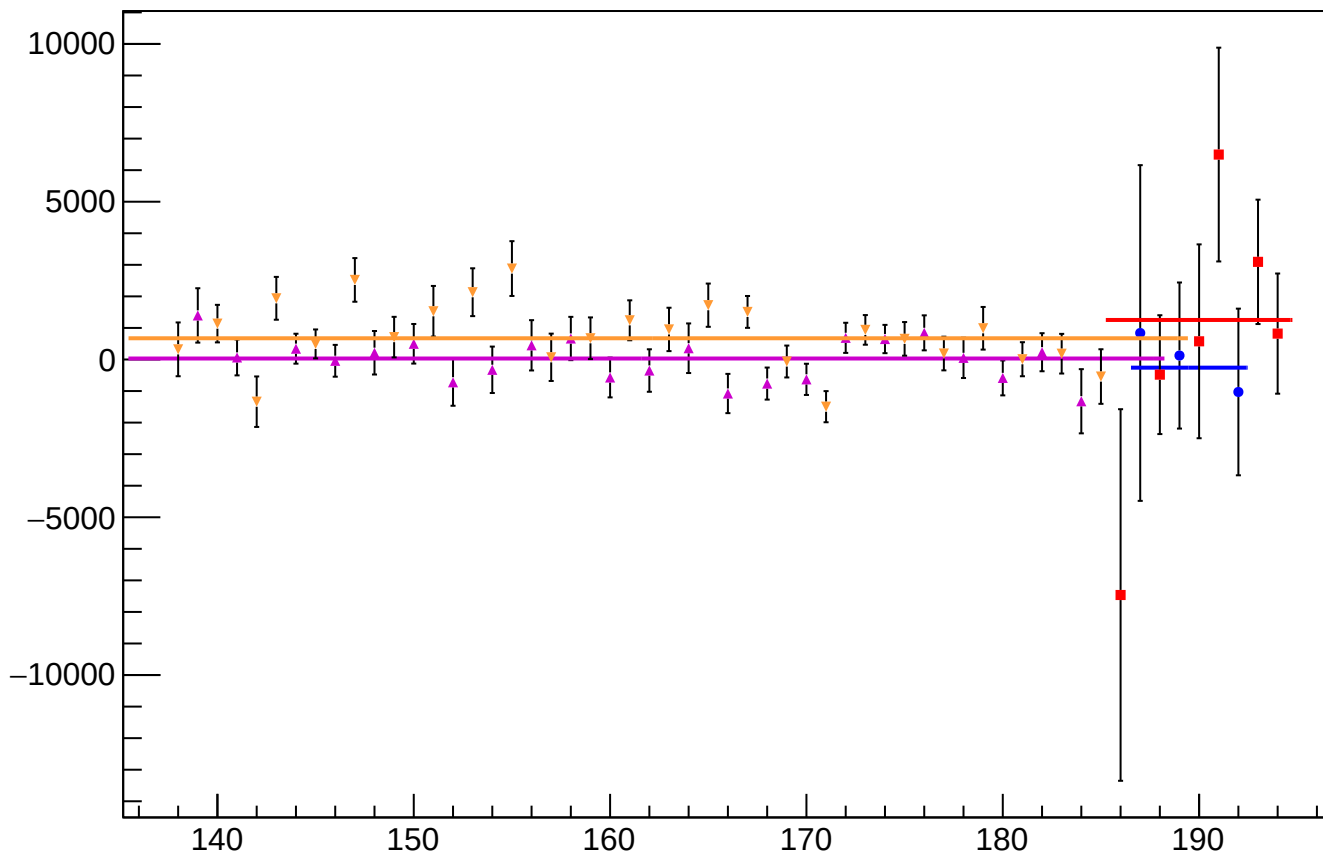
Left In: 518.244 $\pm$ 0.089 χ^2 /NDF: 1071993.3/22

+ sign 506.129 $\pm$ 0.085 χ^2 /NDF: 2653864.4/27

All: 521.795 $\pm$ 0.061 χ^2 /NDF: 7292648.0/56

- sign 538.587 $\pm$ 0.088 χ^2 /NDF: 4568488.3/28

asym_sam_12345678_avg_mean vs Slug



Right In: -258.810 ± 1654.328 $\chi^2/\text{NDF}: 0.2/2$

Left Out: 672.498 ± 123.428 $\chi^2/\text{NDF}: 62.8/24$

Right Out: 1252.605 ± 981.875 $\chi^2/\text{NDF}: 6.4/5$

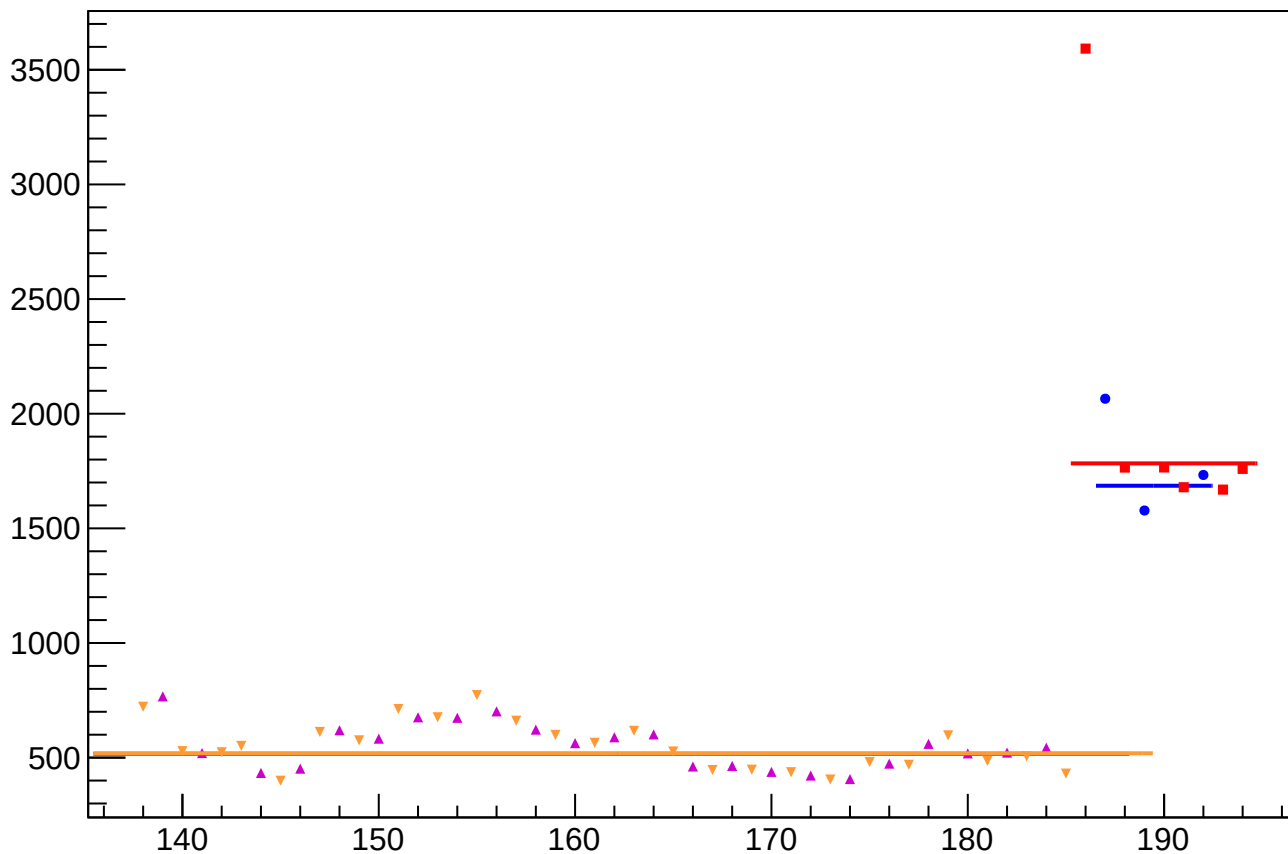
Left In: 31.056 ± 125.236 $\chi^2/\text{NDF}: 23.8/22$

+ sign 667.342 ± 123.086 $\chi^2/\text{NDF}: 63.2/27$

All: 361.830 ± 87.437 $\chi^2/\text{NDF}: 107.4/56$

- sign 50.611 ± 124.230 $\chi^2/\text{NDF}: 31.8/28$

asym_sam_12345678_avg_rms vs Slug



Right In: 1685.827+/-1.170 χ^2/NDF : 15170.2/2

Left Out: 518.935+/-0.087 χ^2/NDF : 1172613.9/24

Right Out: 1783.399+/-0.694 χ^2/NDF : 197980.4/5

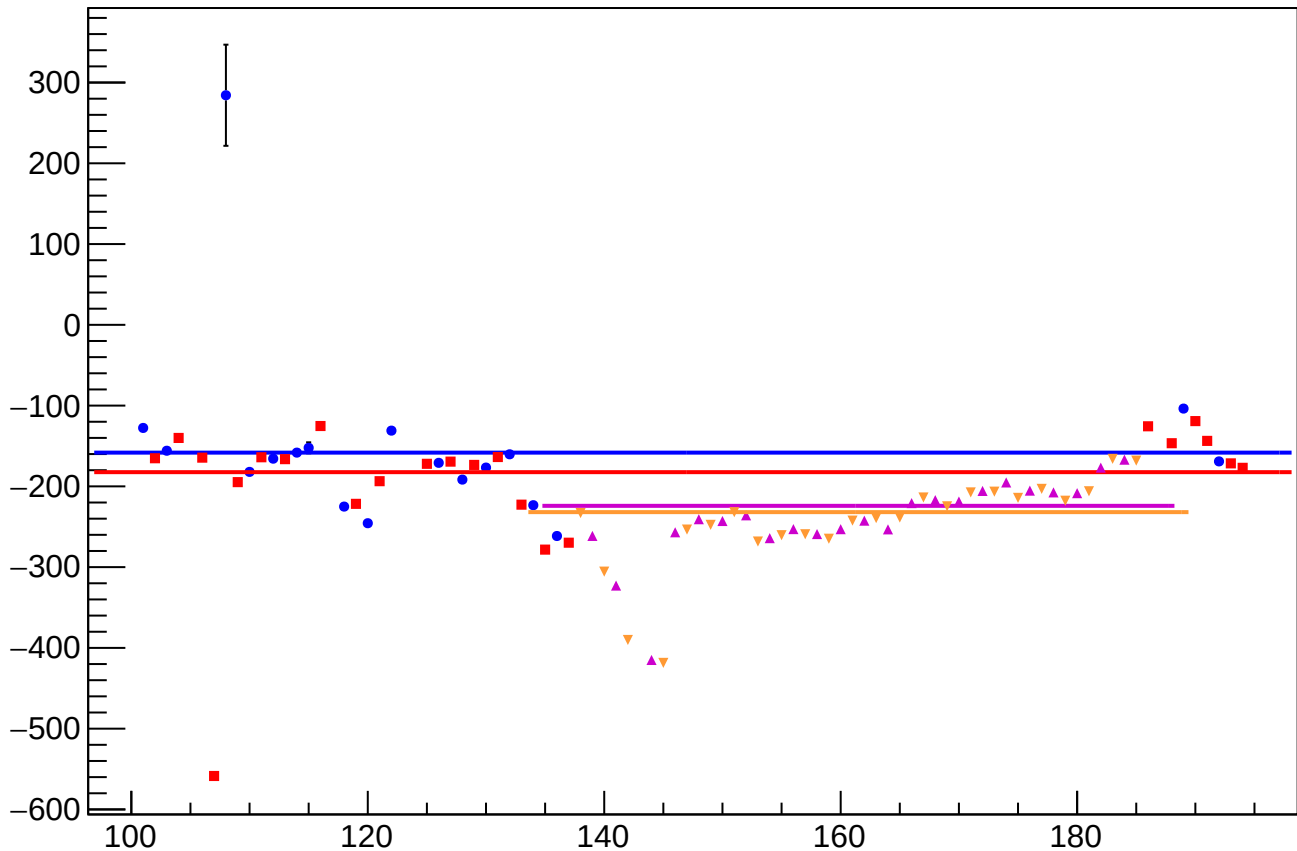
Left In: 516.594+/-0.089 χ^2/NDF : 1036092.8/22

+ sign 525.395+/-0.087 χ^2/NDF : 2177332.8/27

All: 531.081+/-0.062 χ^2/NDF : 6695907.5/56

- sign 536.873+/-0.088 χ^2/NDF : 4509958.2/28

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 118351.7/17$

Left Out: -231.902 ± 0.108 $\chi^2/\text{NDF}: 110473.4/23$

Right Out: -182.416 ± 0.108 $\chi^2/\text{NDF}: 163136.6/22$

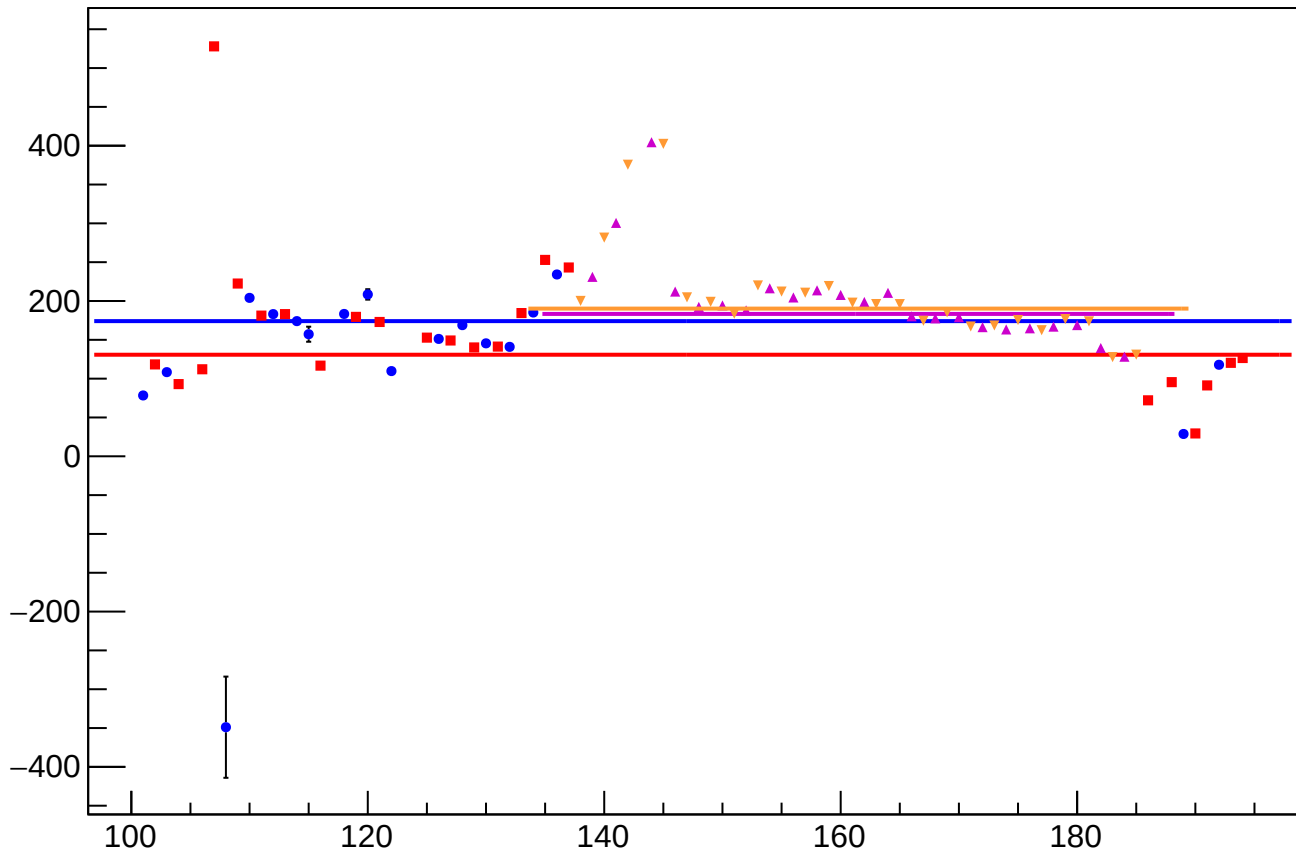
Left In: -224.103 ± 0.098 $\chi^2/\text{NDF}: 153347.0/22$

+ sign -158.222 ± 0.000 $\chi^2/\text{NDF}: 692988.8/41$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 1508835.6/87$

- sign -205.248 ± 0.073 $\chi^2/\text{NDF}: 397851.7/45$

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 58750.5/17

Left Out: 190.208 $\pm$ 0.109 χ^2 /NDF: 99613.5/23

Right Out: 130.803 $\pm$ 0.109 χ^2 /NDF: 158616.5/22

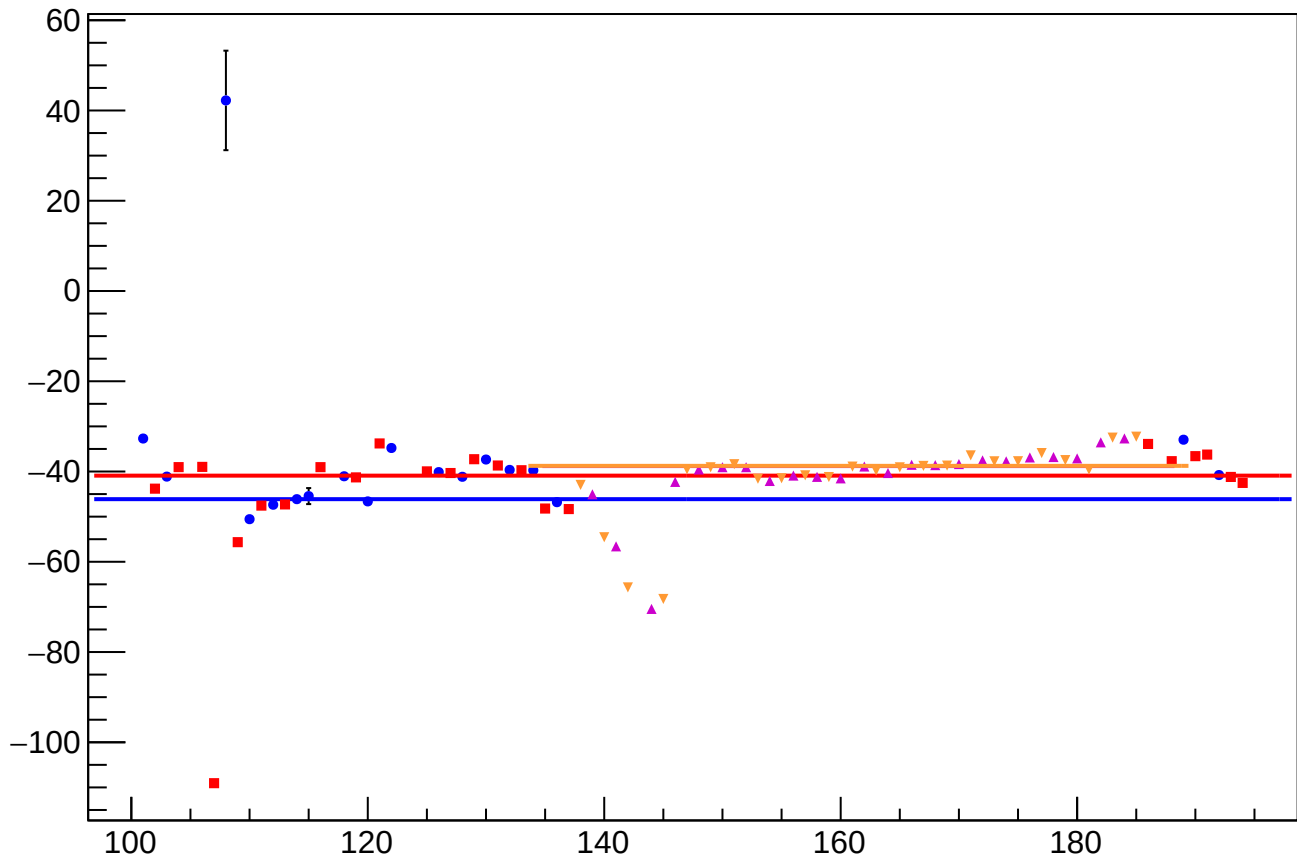
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF: 155441.6/22

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 180377.7/41

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 661508.8/87

- sign 159.560 $\pm$ 0.073 χ^2 /NDF: 441766.7/45

dit_usl_11X12X_slope vs Slug



Right In: -46.126 $\pm$ 0.000 χ^2 /NDF: 412381.0/17

Left Out: -38.745 $\pm$ 0.006 χ^2 /NDF: 400638.0/23

Right Out: -40.915 $\pm$ 0.013 χ^2 /NDF: 302610.2/22

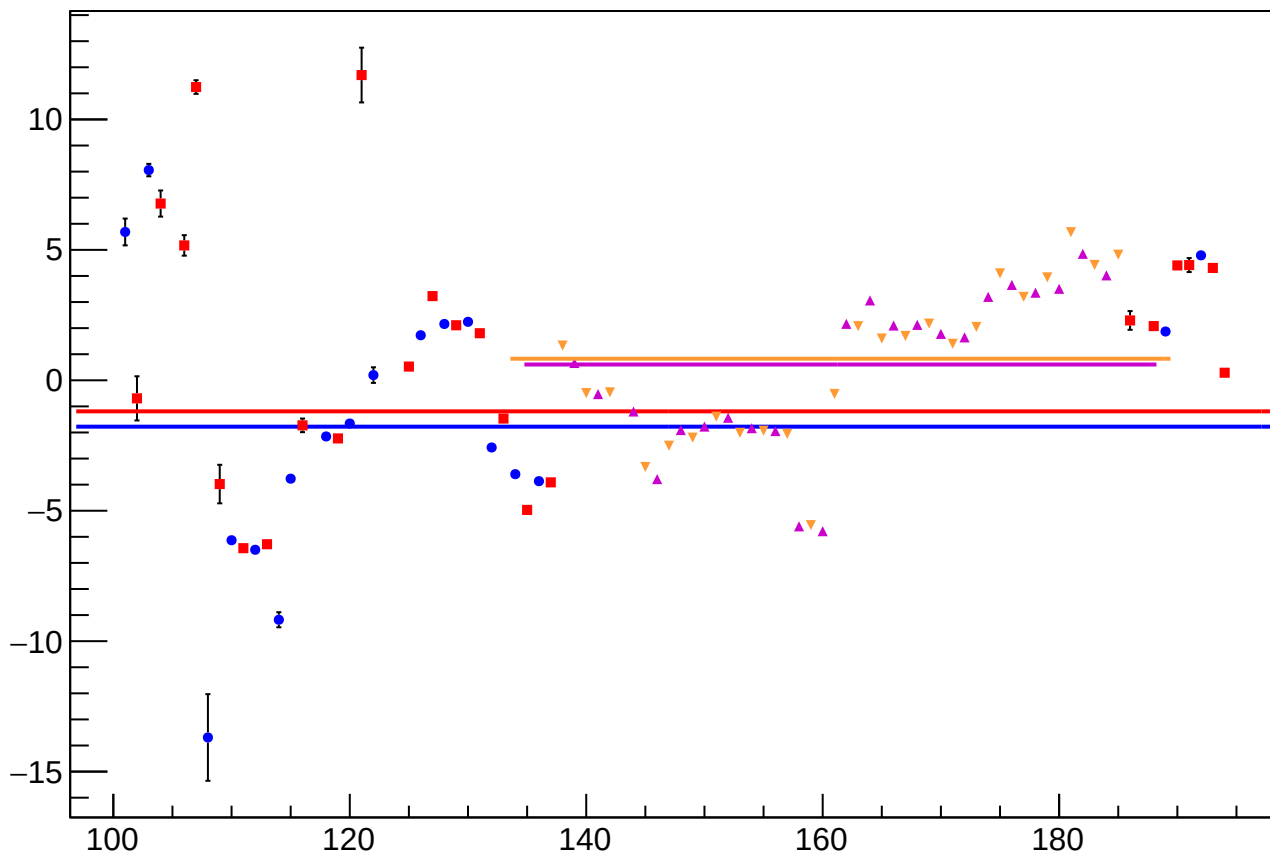
Left In: -38.794 $\pm$ 0.007 χ^2 /NDF: 321993.9/22

+ sign -46.126 $\pm$ 0.000 χ^2 /NDF: 2390204.1/41

All: -46.126 $\pm$ 0.000 χ^2 /NDF: 4424731.8/87

- sign -39.209 $\pm$ 0.006 χ^2 /NDF: 645145.0/45

dit_usl_4aY_slope vs Slug



Right In: -1.777 ± 0.017 χ^2/NDF : 30991.9/17

Left Out: 0.828 ± 0.006 χ^2/NDF : 255303.5/23

Right Out: -1.190 ± 0.020 χ^2/NDF : 35370.6/22

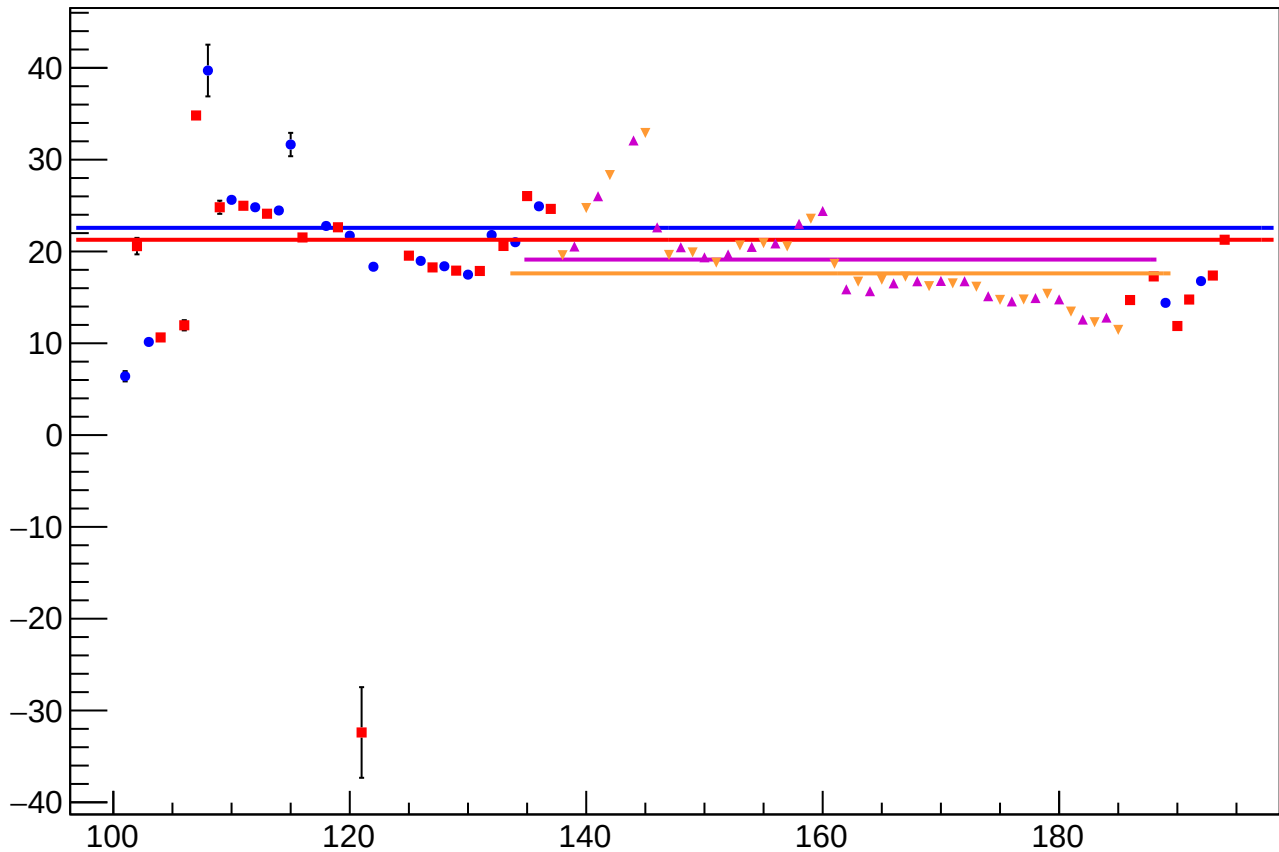
Left In: 0.606 ± 0.005 χ^2/NDF : 331282.7/22

+ sign 0.539 ± 0.006 χ^2/NDF : 306311.6/41

All: 0.516 ± 0.004 χ^2/NDF : 680485.0/87

- sign 0.499 ± 0.005 χ^2/NDF : 374145.3/45

dit_usl_4eY_slope vs Slug



Right In: 22.574 ± 0.019 $\chi^2/\text{NDF}: 25285.6/17$

Left Out: 17.613 ± 0.007 $\chi^2/\text{NDF}: 178438.8/23$

Right Out: 21.274 ± 0.020 $\chi^2/\text{NDF}: 28137.7/22$

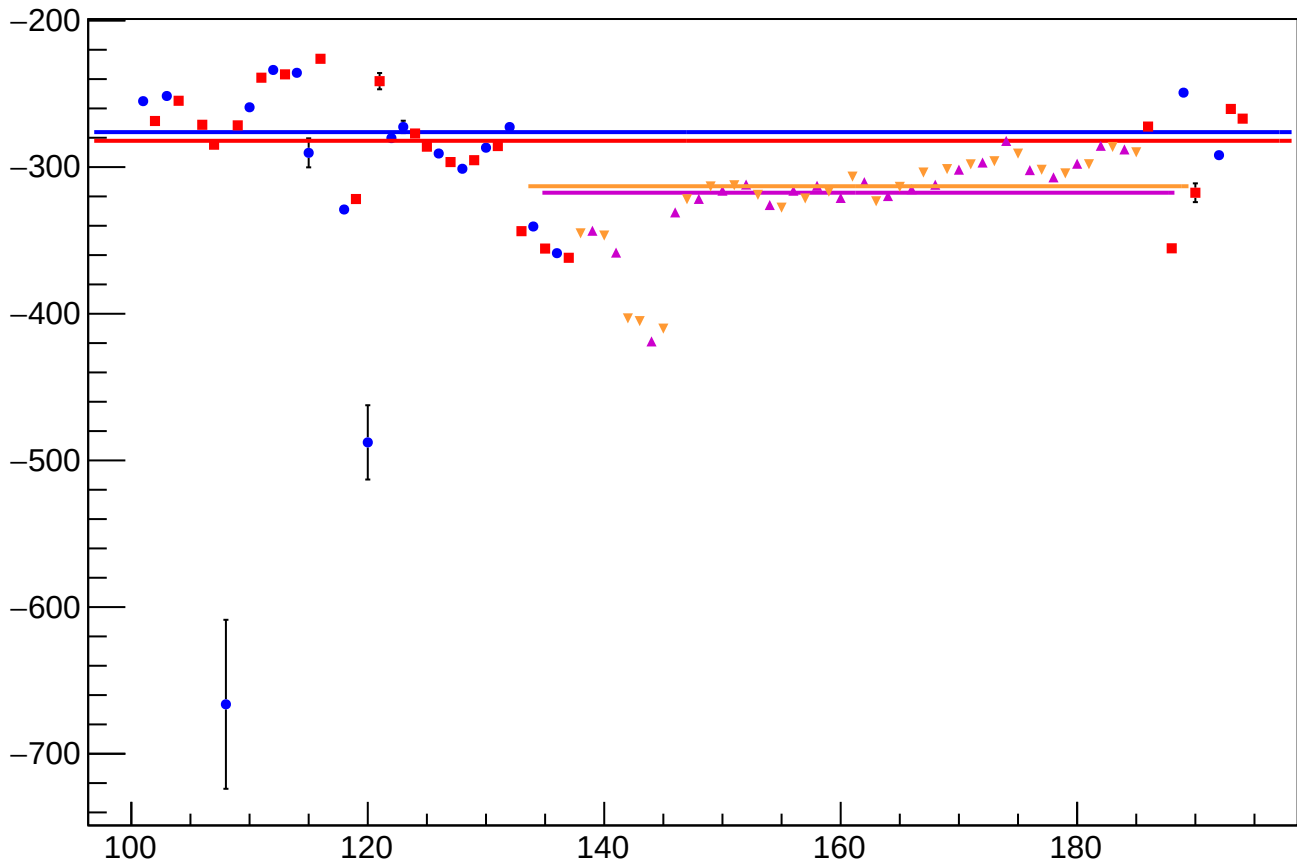
Left In: 19.117 ± 0.007 $\chi^2/\text{NDF}: 229353.0/22$

+ sign 18.251 ± 0.007 $\chi^2/\text{NDF}: 266050.3/41$

All: 18.802 ± 0.005 $\chi^2/\text{NDF}: 547717.8/87$

- sign 19.359 ± 0.007 $\chi^2/\text{NDF}: 267853.5/45$

dit_usr_4aX_slope vs Slug



Right In: -276.150+/-0.166 χ^2/NDF : 58267.9/18

Left Out: -313.052+/-0.096 χ^2/NDF : 54405.8/24

Right Out: -282.072+/-0.120 χ^2/NDF : 63022.0/22

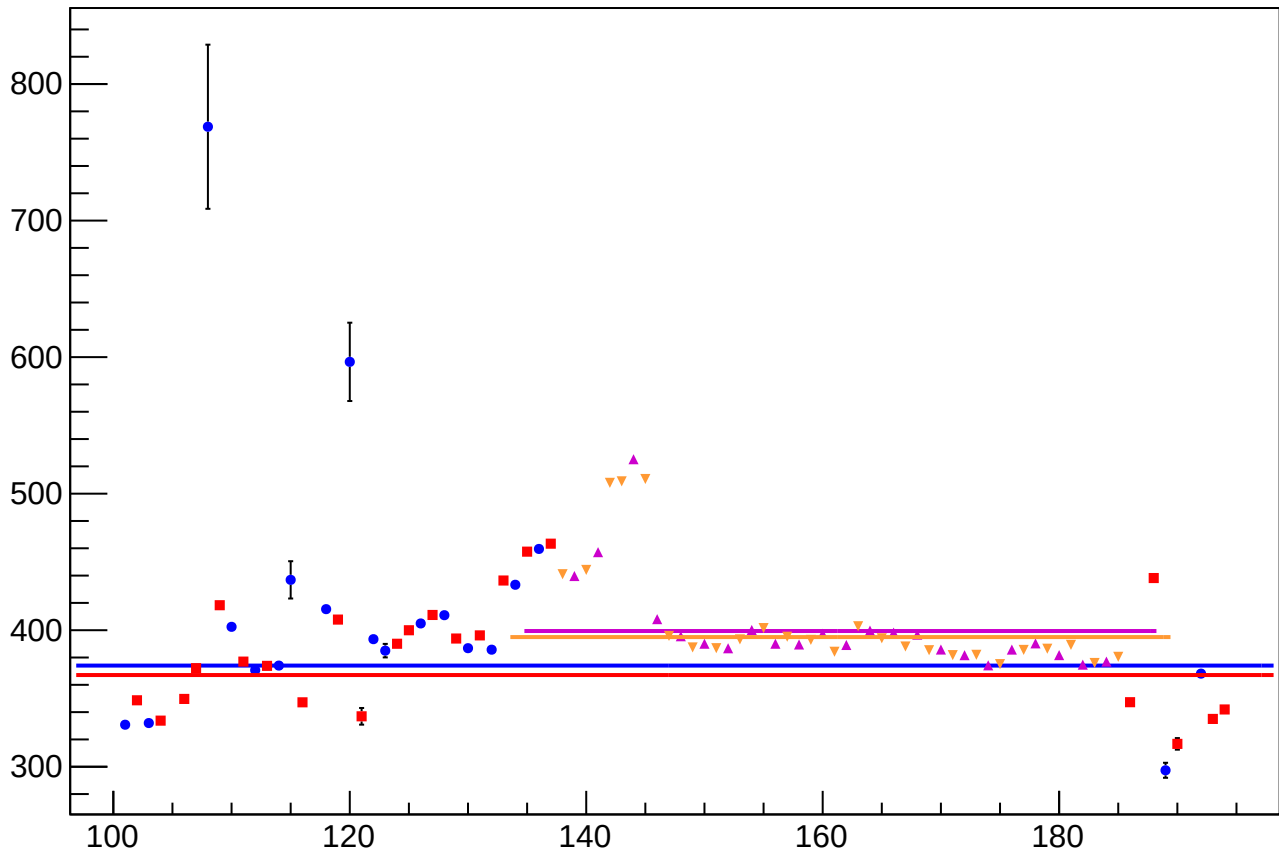
Left In: -317.471+/-0.095 χ^2/NDF : 63067.6/22

+ sign -303.812+/-0.083 χ^2/NDF : 149802.7/43

All: -303.805+/-0.055 χ^2/NDF : 329277.2/89

- sign -303.800+/-0.075 χ^2/NDF : 179474.5/45

dit_usr_4eX_slope vs Slug



Right In: 374.094 ± 0.000 $\chi^2/\text{NDF}: 35271.4/18$

Left Out: 394.968 ± 0.096 $\chi^2/\text{NDF}: 68076.2/24$

Right Out: 367.163 ± 0.121 $\chi^2/\text{NDF}: 86341.0/22$

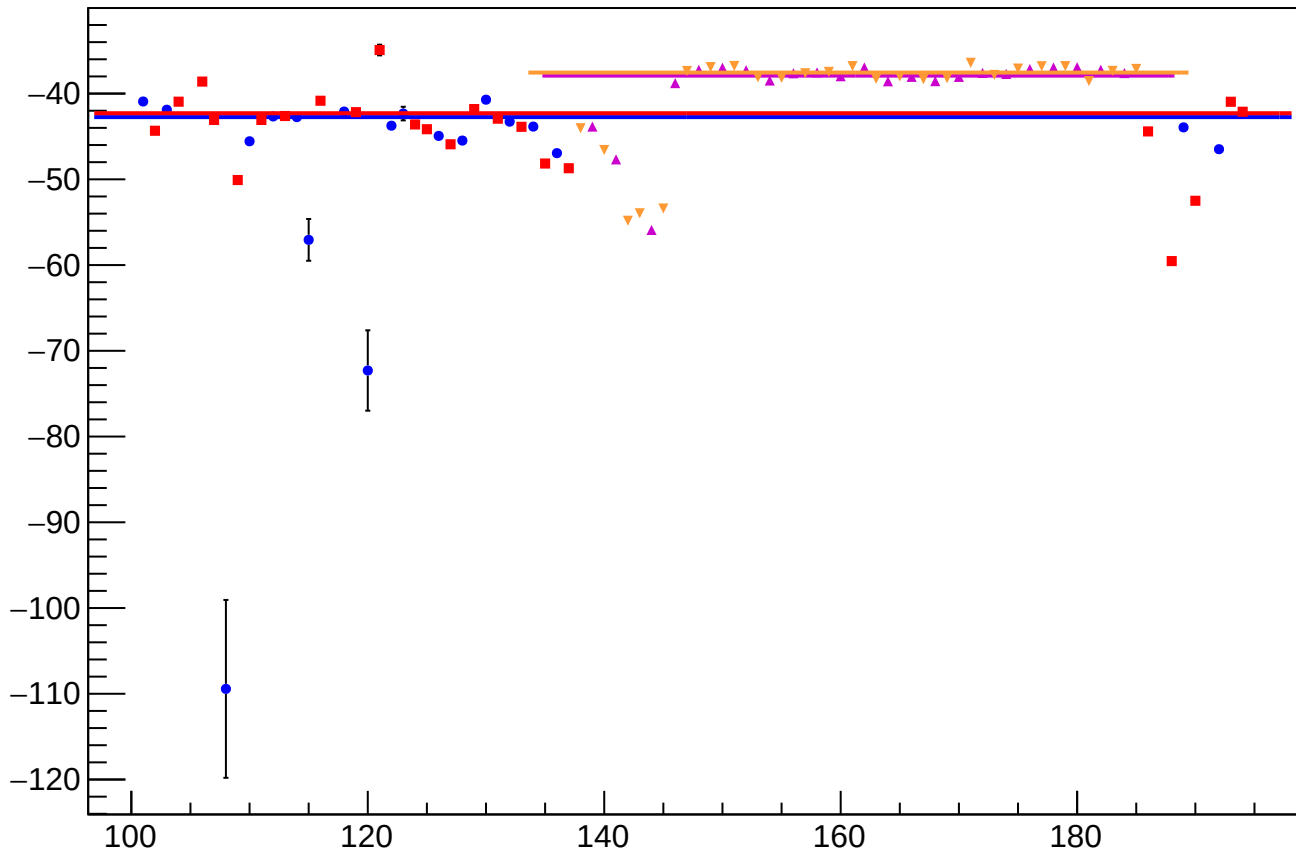
Left In: 399.410 ± 0.097 $\chi^2/\text{NDF}: 77209.0/22$

+ sign 374.094 ± 0.000 $\chi^2/\text{NDF}: 150618.3/43$

All: 374.094 ± 0.000 $\chi^2/\text{NDF}: 385766.9/89$

- sign 386.785 ± 0.076 $\chi^2/\text{NDF}: 206938.4/45$

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13701.8/18

Left Out: -37.547 $\pm$ 0.004 χ^2 /NDF: 267131.7/24

Right Out: -42.290 $\pm$ 0.014 χ^2 /NDF: 22645.1/22

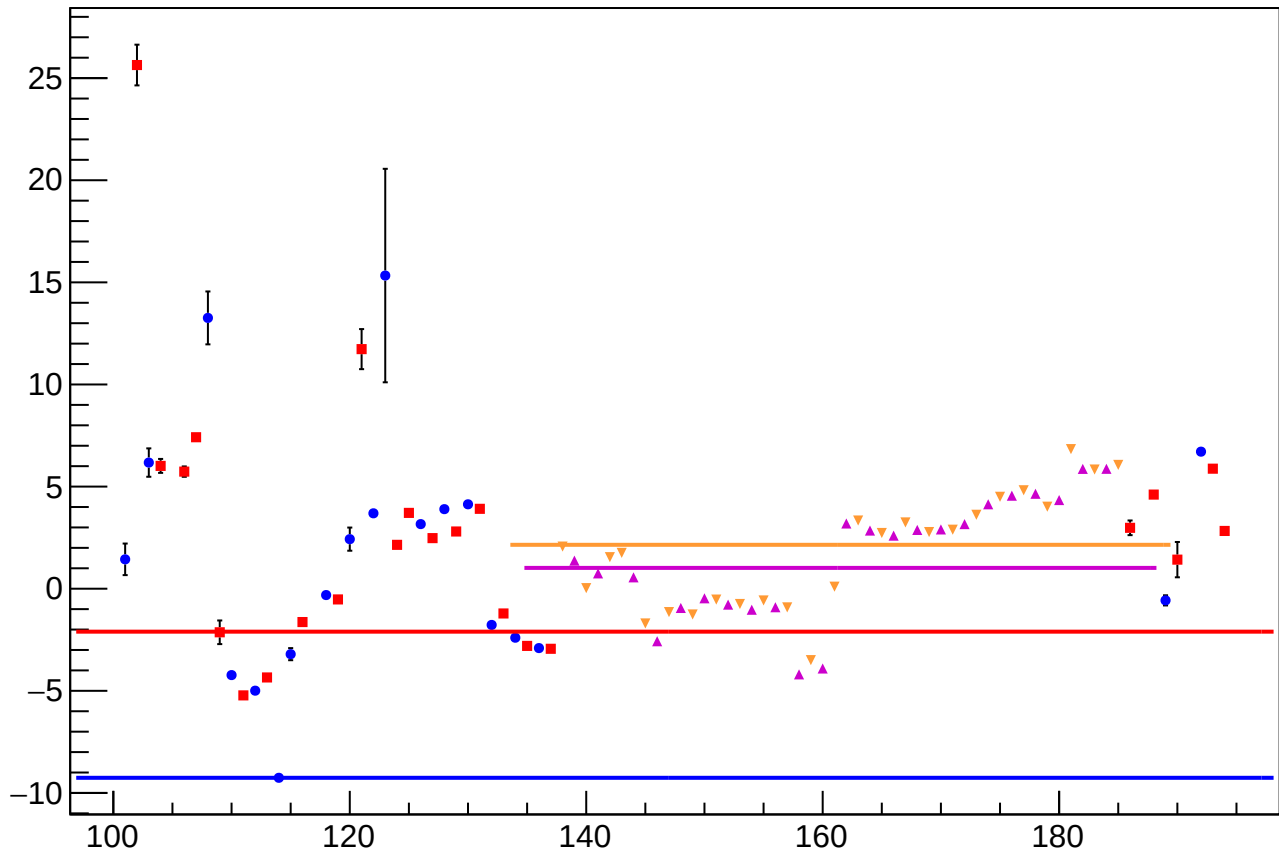
Left In: -37.903 $\pm$ 0.004 χ^2 /NDF: 156960.8/22

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 2116381.5/43

All: -42.744 $\pm$ 0.000 χ^2 /NDF: 3658891.6/89

- sign -38.245 $\pm$ 0.004 χ^2 /NDF: 266584.4/45

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 417665.4/18

Left Out: 2.149 ± 0.005 χ^2/NDF : 290739.3/24

Right Out: -2.103 ± 0.008 χ^2/NDF : 69018.0/22

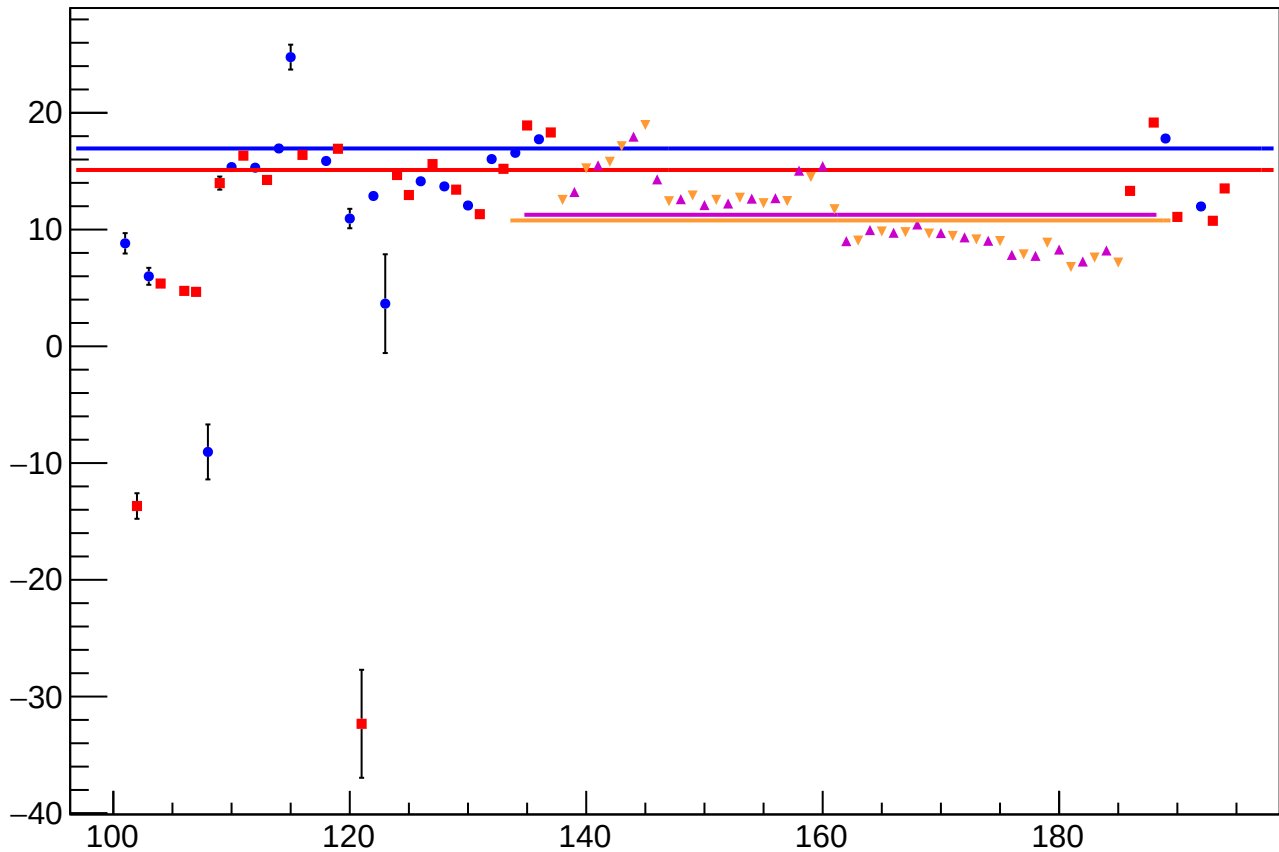
Left In: 1.019 ± 0.006 χ^2/NDF : 250029.0/22

+ sign -9.259 ± 0.000 χ^2/NDF : 6151263.0/43

All: -9.259 ± 0.000 χ^2/NDF : 10604601.9/89

- sign -0.105 ± 0.005 χ^2/NDF : 427003.6/45

dit_usr_4eY_slope vs Slug



Right In: 16.947 ± 0.000 $\chi^2/\text{NDF}: 11810.9/18$

Left Out: 10.782 ± 0.007 $\chi^2/\text{NDF}: 129427.5/24$

Right Out: 15.105 ± 0.015 $\chi^2/\text{NDF}: 31509.6/22$

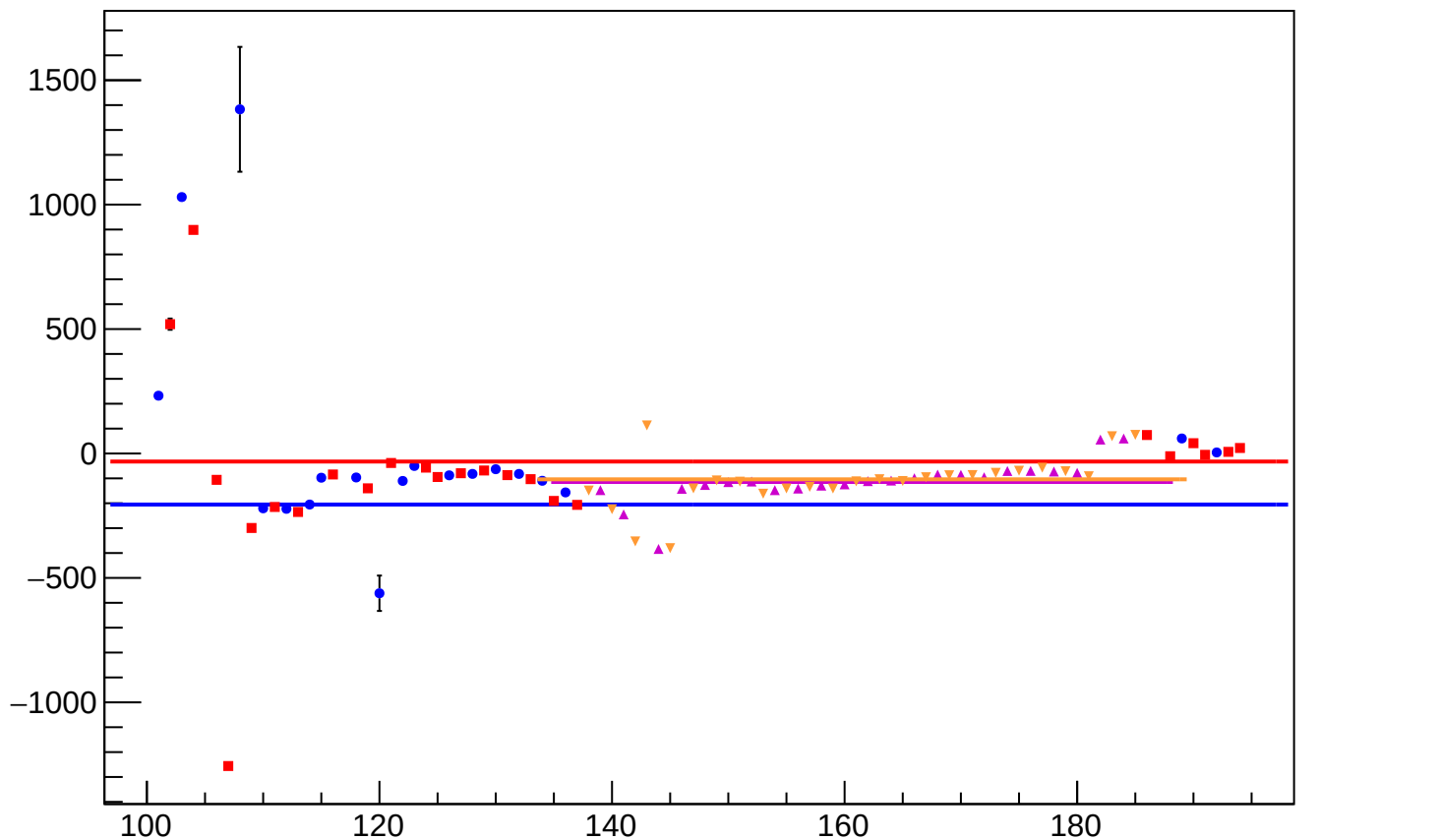
Left In: 11.267 ± 0.008 $\chi^2/\text{NDF}: 98438.0/22$

+ sign 16.947 ± 0.000 $\chi^2/\text{NDF}: 996167.1/43$

All: 16.947 ± 0.000 $\chi^2/\text{NDF}: 1665121.0/89$

- sign 12.059 ± 0.007 $\chi^2/\text{NDF}: 179348.1/45$

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1387276.1/18$

Left Out: -103.842 ± 0.192 $\chi^2/\text{NDF}: 94751.7/24$

Right Out: -32.370 ± 0.254 $\chi^2/\text{NDF}: 156560.0/23$

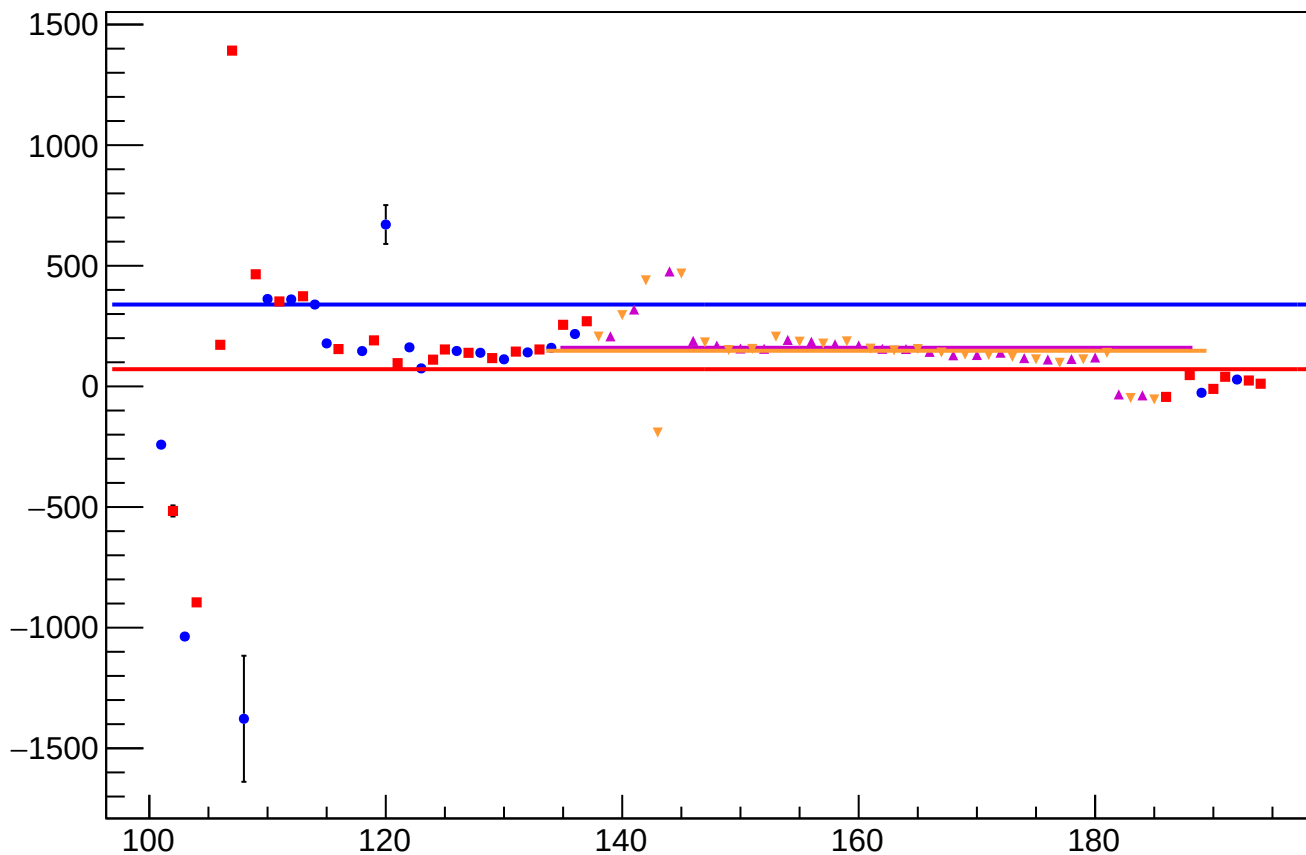
Left In: -114.444 ± 0.225 $\chi^2/\text{NDF}: 76837.7/22$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 1761398.0/43$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 2621568.3/90$

- sign -78.350 ± 0.168 $\chi^2/\text{NDF}: 292031.8/46$

dit_atl1_4eX_slope vs Slug



Right In: 339.325 $\pm$ 0.000 χ^2 /NDF: 1344008.1/18

Left Out: 147.771 $\pm$ 0.196 χ^2 /NDF:134281.2/24

Right Out: 71.304 $\pm$ 0.244 χ^2 /NDF: 242014.1/23

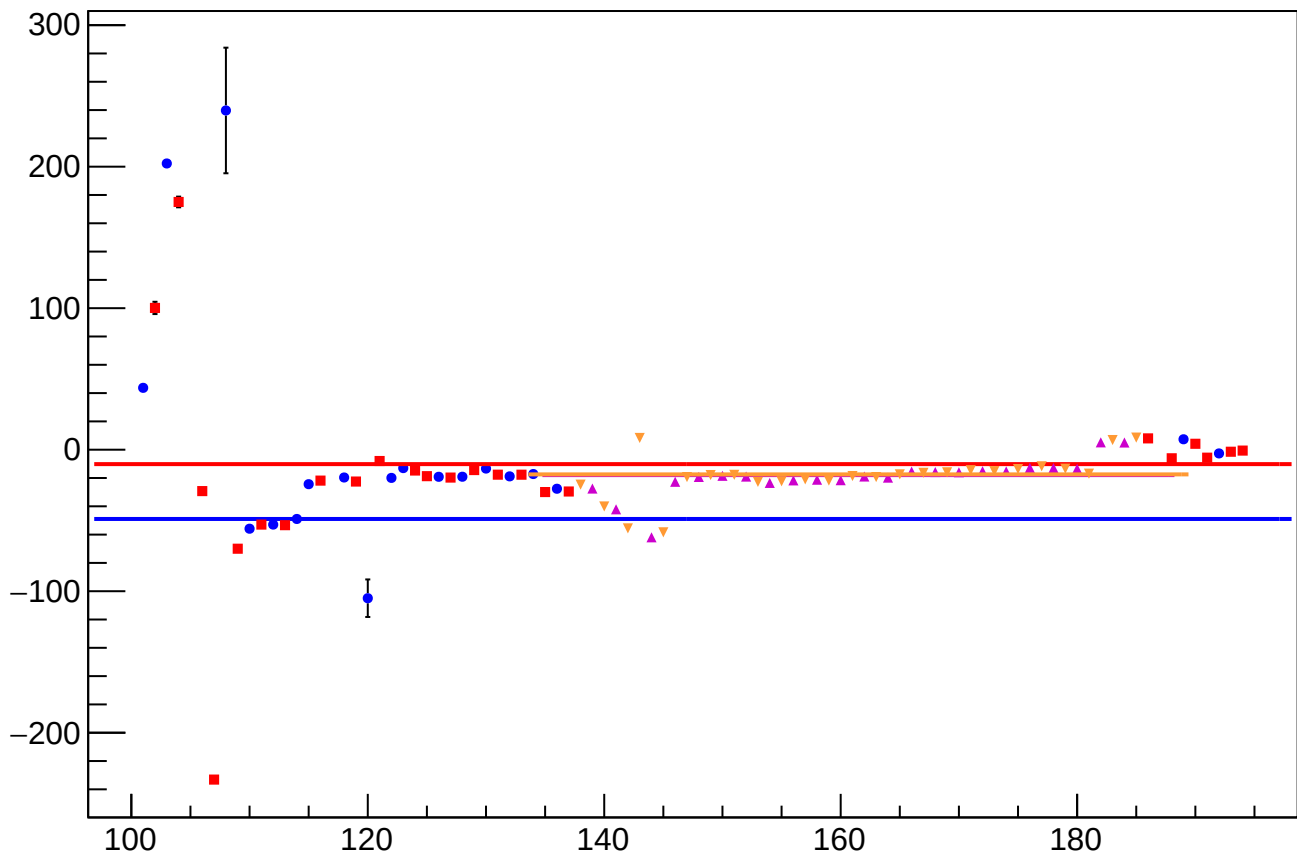
Left In: 160.049 $\pm$ 0.230 χ^2 /NDF:83579.0/22

+ sign 339.325 $\pm$ 0.000 χ^2 /NDF: 2431914.5/43

All: 339.325 $\pm$ 0.000 χ^2 /NDF: 4568536.5/90

- sign 118.450 $\pm$ 0.167 χ^2 /NDF: 395584.4/46

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 6518202.5/18

Left Out: -17.446 ± 0.010 χ^2/NDF : 714044.4/24

Right Out: -10.189 ± 0.032 χ^2/NDF : 348279.2/23

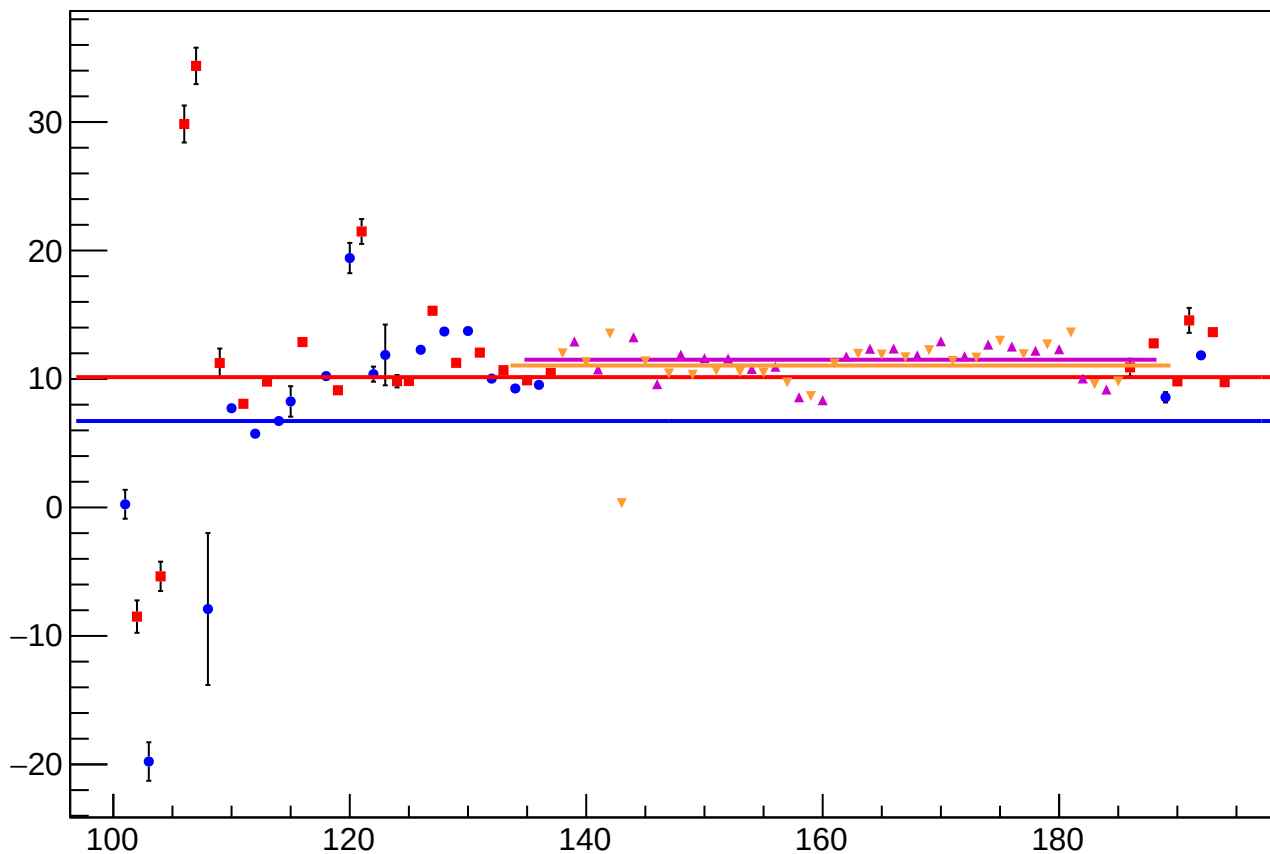
Left In: -17.951 ± 0.012 χ^2/NDF : 252123.1/22

+ sign -48.945 ± 0.000 χ^2/NDF : 17135685.8/43

All: -48.945 ± 0.000 χ^2/NDF : 25624776.4/90

- sign -16.936 ± 0.011 χ^2/NDF : 652774.1/46

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 $\chi^2/\text{NDF}: 14560.5/18$

Left Out: 11.049 ± 0.012 $\chi^2/\text{NDF}: 31618.4/24$

Right Out: 10.144 ± 0.034 $\chi^2/\text{NDF}: 6079.9/23$

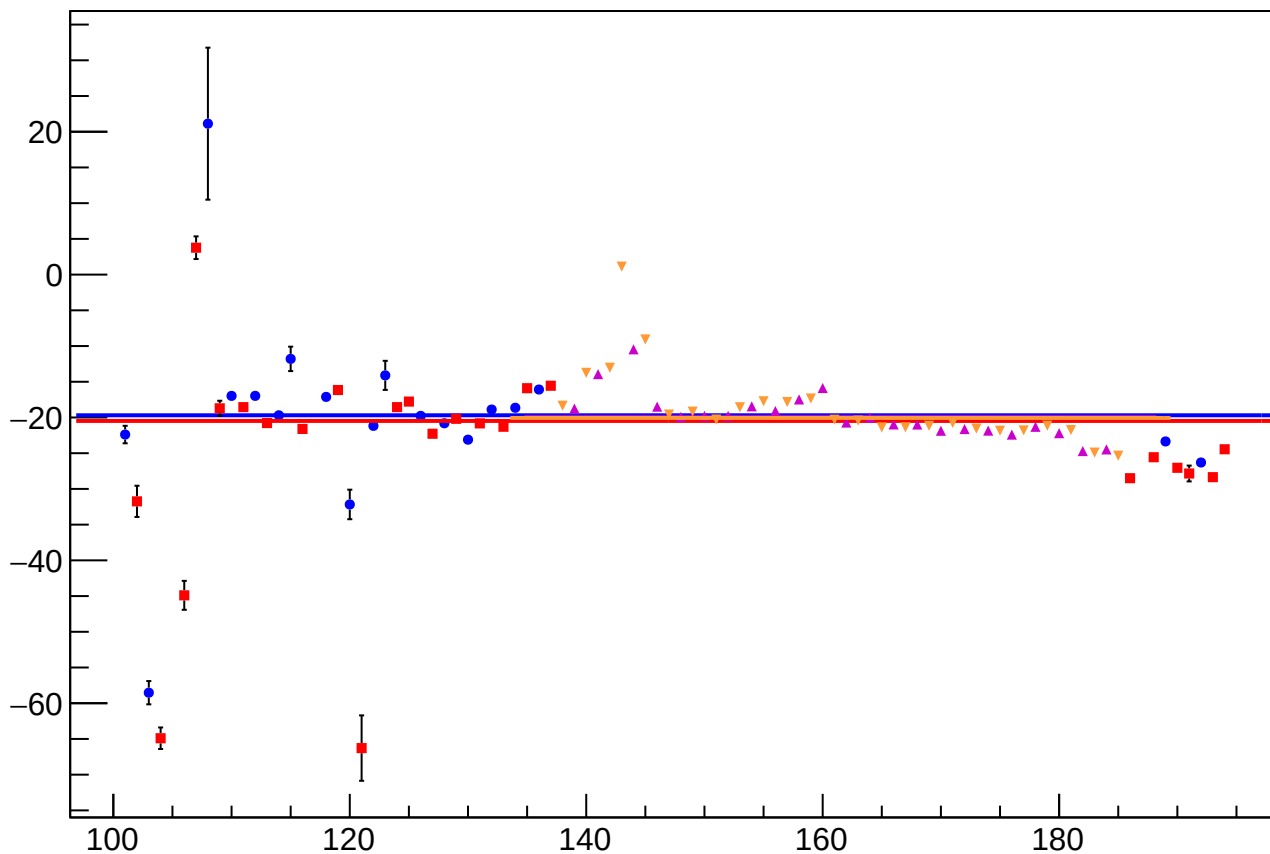
Left In: 11.498 ± 0.010 $\chi^2/\text{NDF}: 15848.8/22$

+ sign 6.728 ± 0.000 $\chi^2/\text{NDF}: 170633.7/43$

All: 6.728 ± 0.000 $\chi^2/\text{NDF}: 411829.2/90$

- sign 11.382 ± 0.010 $\chi^2/\text{NDF}: 23375.5/46$

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 8872.1/18$

Left Out: -20.065 ± 0.014 $\chi^2/\text{NDF}: 71466.1/24$

Right Out: -20.481 ± 0.045 $\chi^2/\text{NDF}: 5870.4/23$

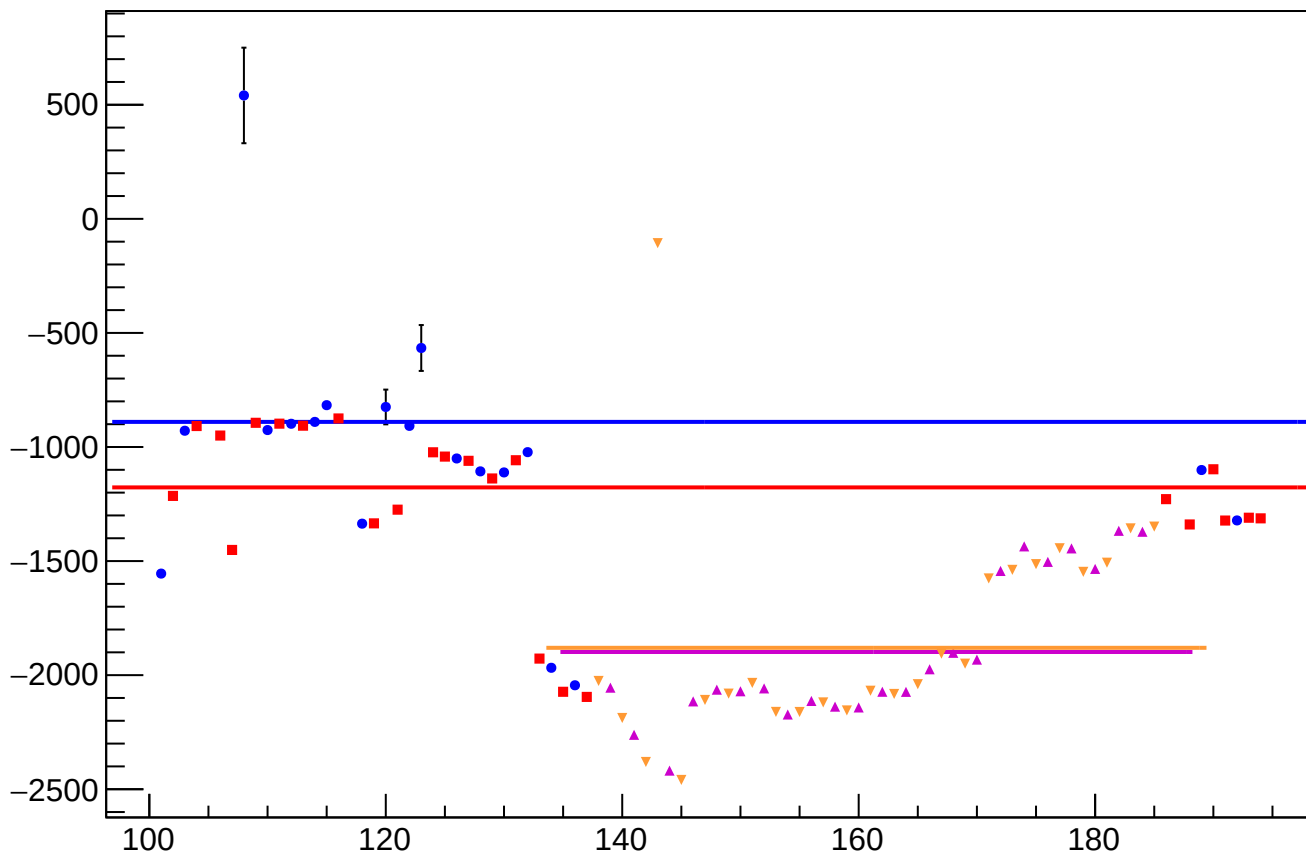
Left In: -19.955 ± 0.015 $\chi^2/\text{NDF}: 22657.6/22$

+ sign -19.693 ± 0.000 $\chi^2/\text{NDF}: 81060.0/43$

All: -19.693 ± 0.000 $\chi^2/\text{NDF}: 110190.5/90$

- sign -20.008 ± 0.014 $\chi^2/\text{NDF}: 28648.9/46$

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2 /NDF: 876340.8/18

Left Out: -1880.162+/-0.353 χ^2 /NDF: 873293.0/24

Right Out: -1177.102+/-0.252 χ^2 /NDF: 884012.3/23

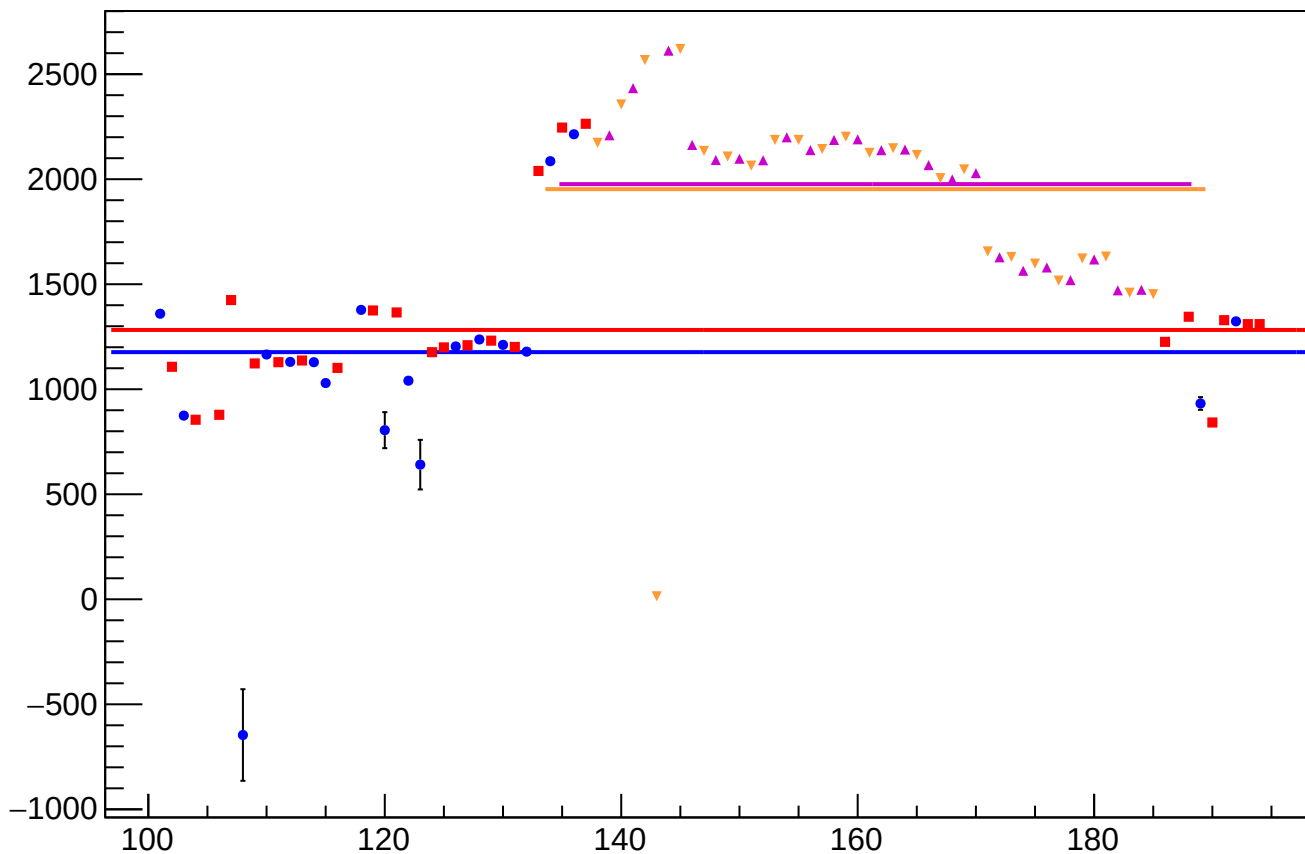
Left In: -1898.497+/-0.364 χ^2 /NDF: 698003.8/22

+ sign -889.928+/-0.000 χ^2 /NDF: 9621355.3/43

All: -889.928+/-0.000 χ^2 /NDF: 20192939.9/9

- sign -1410.812+/-0.207 χ^2 /NDF: 4241273.0/46

dit_atl2_4eX_slope vs Slug



Right In: 1176.685 $\pm$ 0.241 χ^2 /NDF: 522982.0/18

Left Out: 1952.706 $\pm$ 0.354 χ^2 /NDF: 820225.3/24

Right Out: 1282.318 $\pm$ 0.258 χ^2 /NDF: 531483.8/23

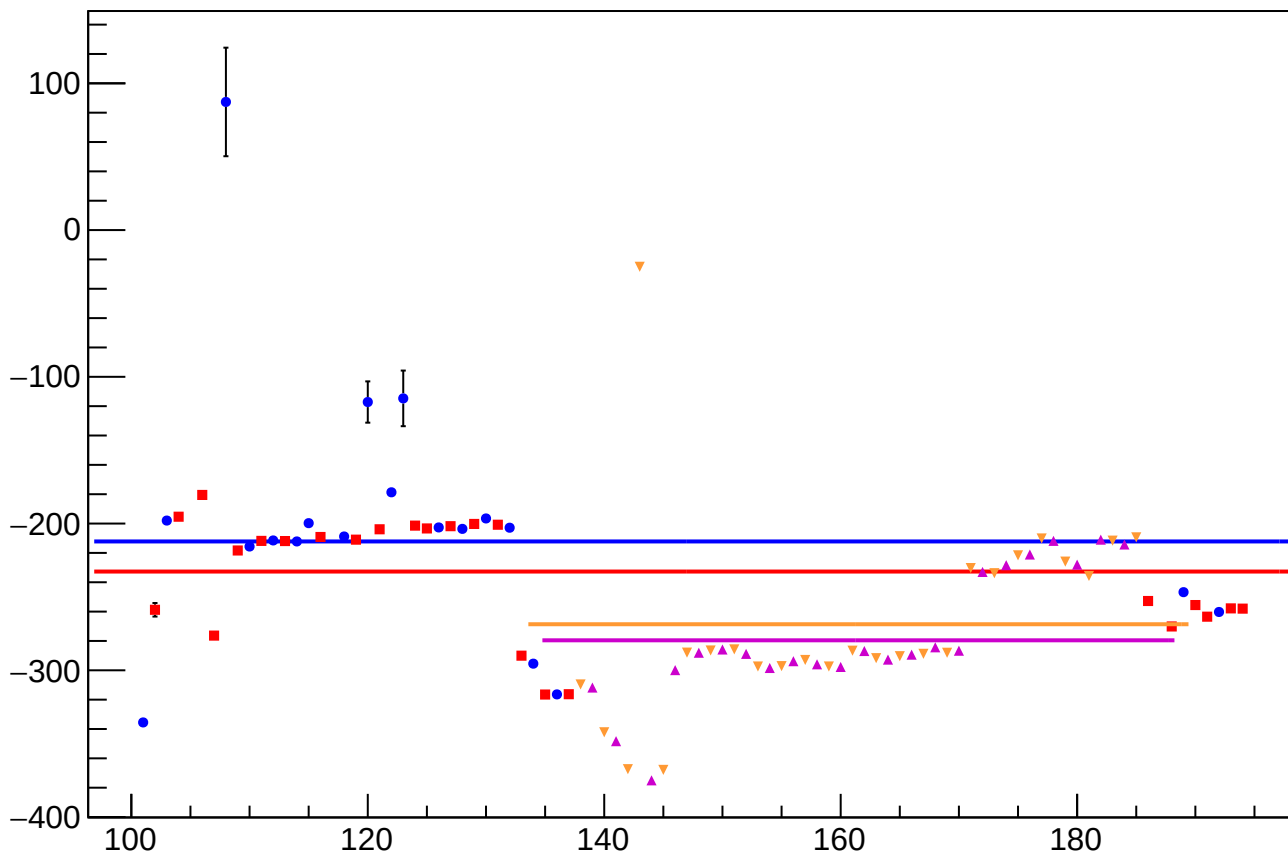
Left In: 1976.603 $\pm$ 0.367 χ^2 /NDF: 625684.0/22

+ sign 1422.278 $\pm$ 0.199 χ^2 /NDF: 4627915.8/43

All: 1464.326 $\pm$ 0.145 χ^2 /NDF: 8273817.1/90

- sign 1511.534 $\pm$ 0.211 χ^2 /NDF: 3551271.5/46

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1366212.8/18

Left Out: -268.611+/-0.022 χ^2/NDF : 7041710.3/24

Right Out: -232.702+/-0.032 χ^2/NDF : 811092.1/23

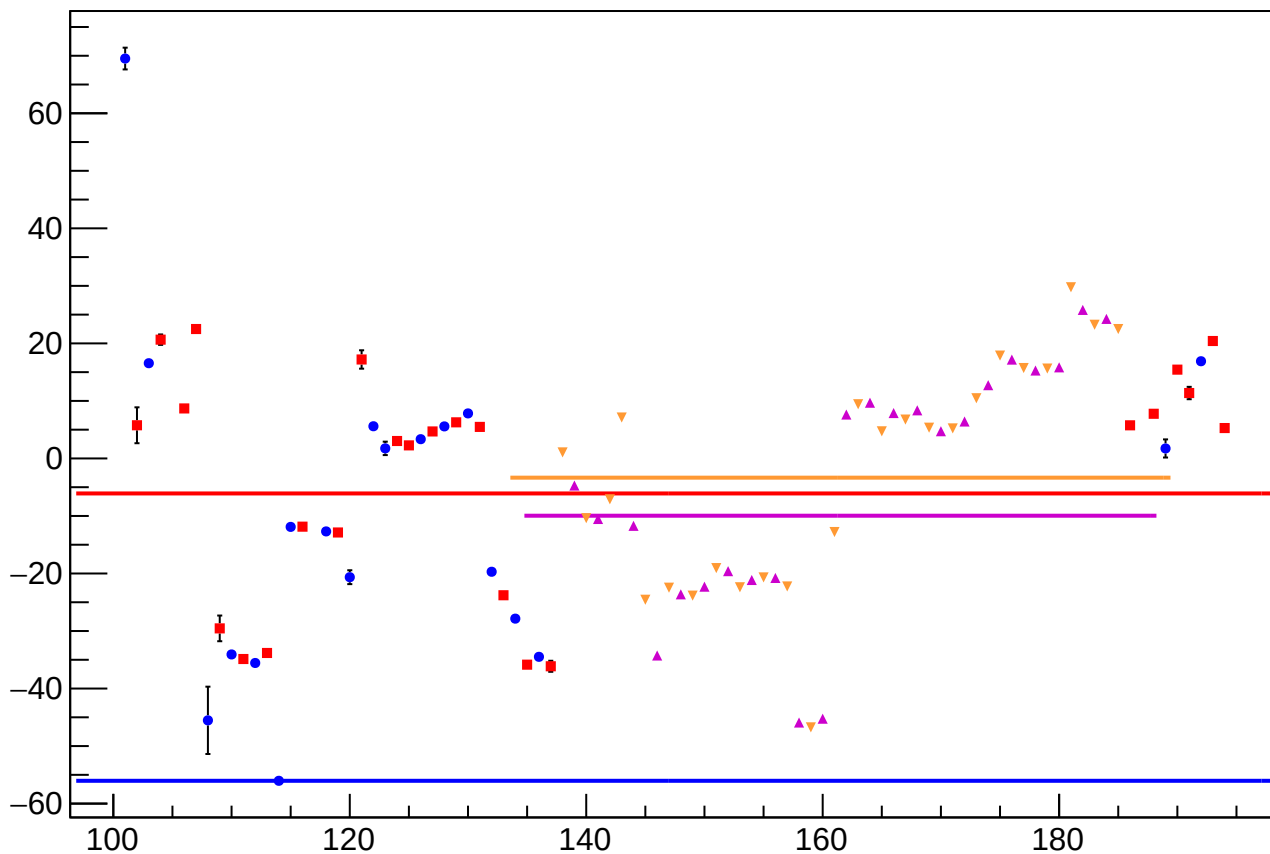
Left In: -279.563+/-0.022 χ^2/NDF : 2298119.7/22

+ sign -212.190+/-0.000 χ^2/NDF : 14964239.9/43

All: -212.190+/-0.000 χ^2/NDF : 28164028.3/9

- sign -264.640+/-0.018 χ^2/NDF : 4599279.9/46

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1688858.5/18

Left Out: -3.341 ± 0.018 χ^2/NDF : 1399746.6/24

Right Out: -6.085 ± 0.041 χ^2/NDF : 187671.8/23

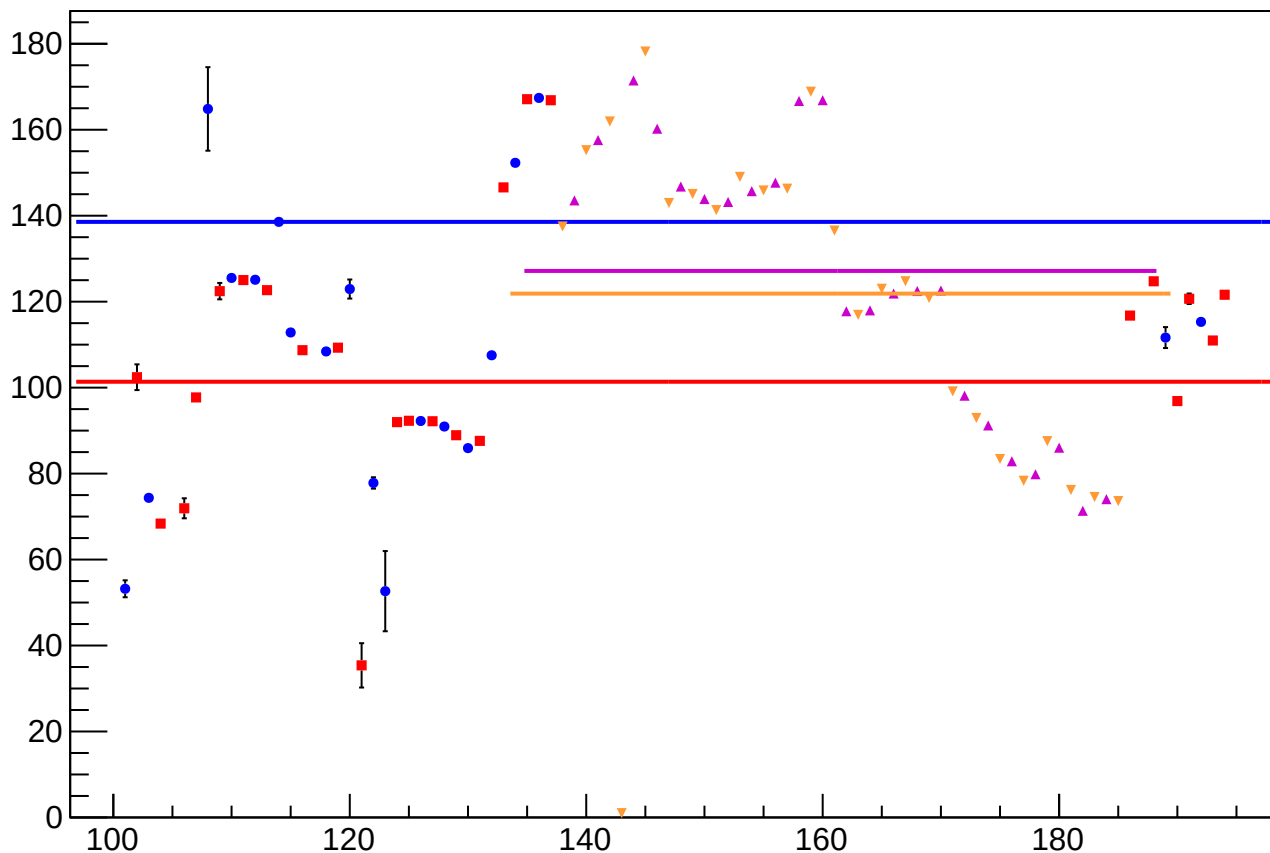
Left In: -9.956 ± 0.018 χ^2/NDF : 1689839.0/22

+ sign -56.037 ± 0.000 χ^2/NDF : 12076424.5/43

All: -56.037 ± 0.000 χ^2/NDF : 21695606.4/90

- sign -9.291 ± 0.017 χ^2/NDF : 1885055.5/46

dit_atl2_4eY_slope vs Slug



Right In: 138.565 ± 0.000 χ^2/NDF : 910539.6/18

Left Out: 121.875 ± 0.024 χ^2/NDF : 1617383.6/24

Right Out: 101.371 ± 0.033 χ^2/NDF : 313160.6/23

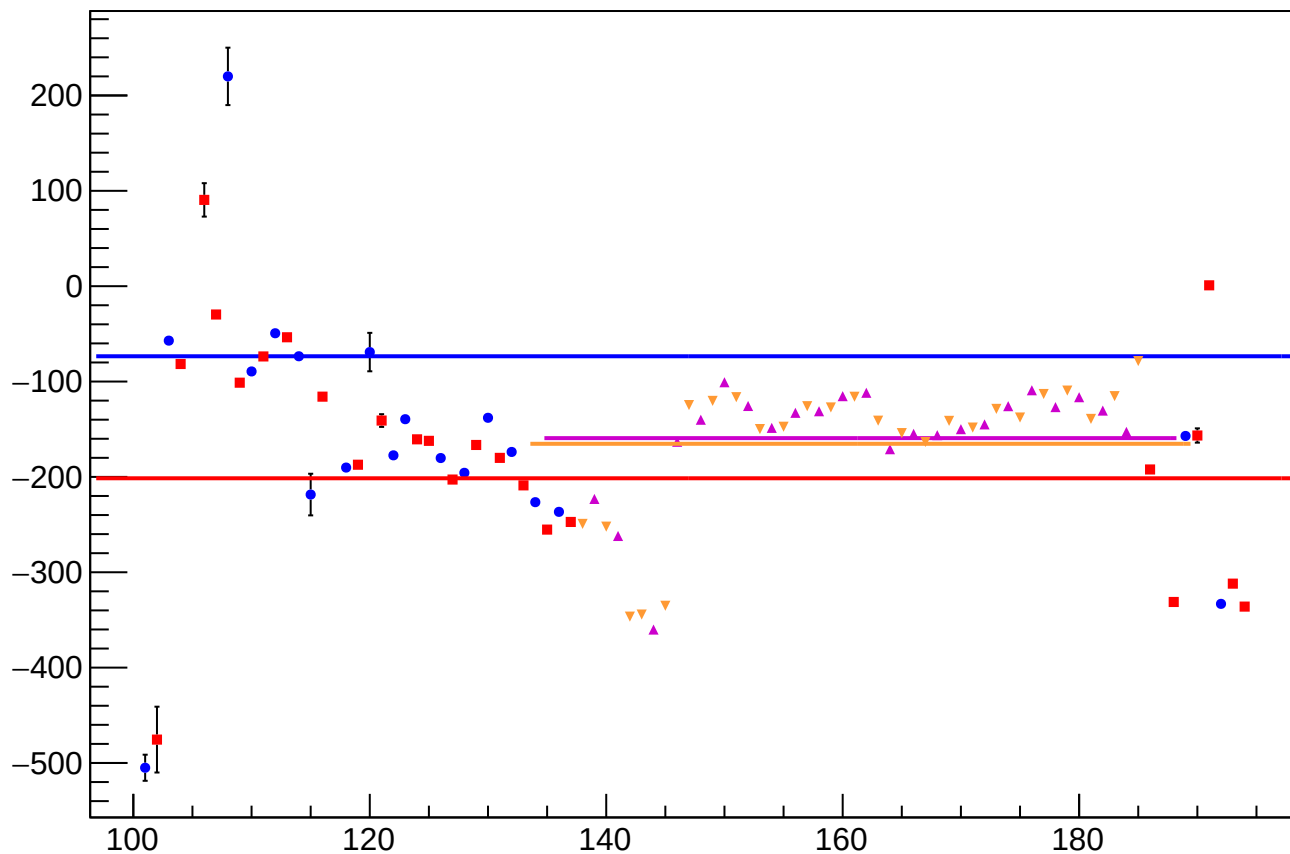
Left In: 127.150 ± 0.026 χ^2/NDF : 1340248.6/22

+ sign 138.565 ± 0.000 χ^2/NDF : 2999660.9/43

All: 138.565 ± 0.000 χ^2/NDF : 6152531.9/90

- sign 117.010 ± 0.020 χ^2/NDF : 2034963.6/46

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 146325.8/18$

Left Out: -165.282 ± 0.232 $\chi^2/\text{NDF}: 84301.0/24$

Right Out: -201.446 ± 0.281 $\chi^2/\text{NDF}: 144507.4/23$

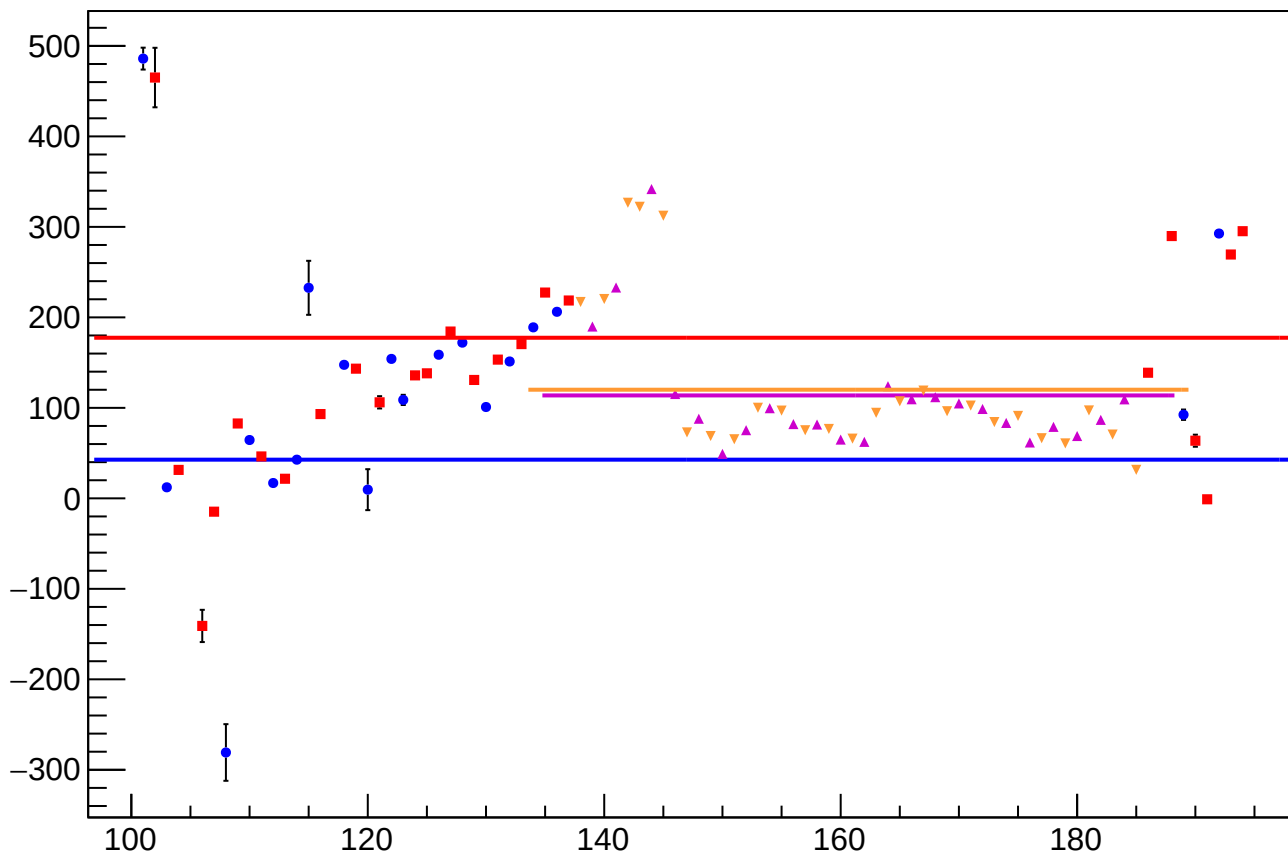
Left In: -159.346 ± 0.239 $\chi^2/\text{NDF}: 73885.5/22$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 387542.0/43$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 941695.5/90$

- sign -177.005 ± 0.182 $\chi^2/\text{NDF}: 231392.3/46$

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2 /NDF: 132132.8/18

Left Out: 120.053+/-0.237 χ^2 /NDF:97926.9/24

Right Out: 177.478+/-0.298 χ^2 /NDF: 122089.9/23

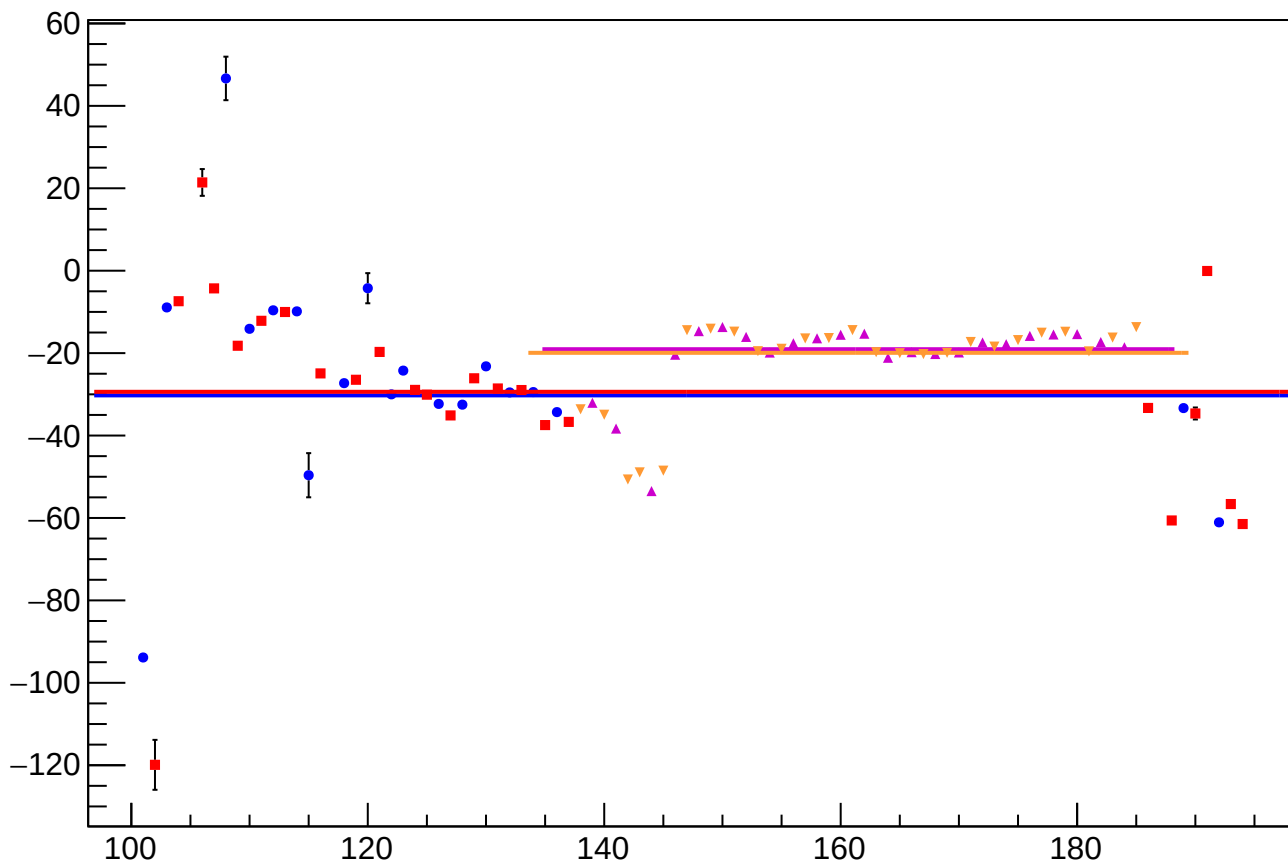
Left In: 113.733+/-0.246 χ^2 /NDF:81886.4/22

+ sign 42.743+/-0.000 χ^2 /NDF: 336490.7/43

All: 42.743+/-0.000 χ^2 /NDF: 827848.4/90

- sign 139.599+/-0.190 χ^2 /NDF: 231152.2/46

dit_atr1_11X12X_slope vs Slug



Right In: -30.255 ± 0.034 χ^2/NDF : 87103.2/18

Left Out: -19.926 ± 0.012 χ^2/NDF : 374900.2/24

Right Out: -29.384 ± 0.031 χ^2/NDF : 425325.1/23

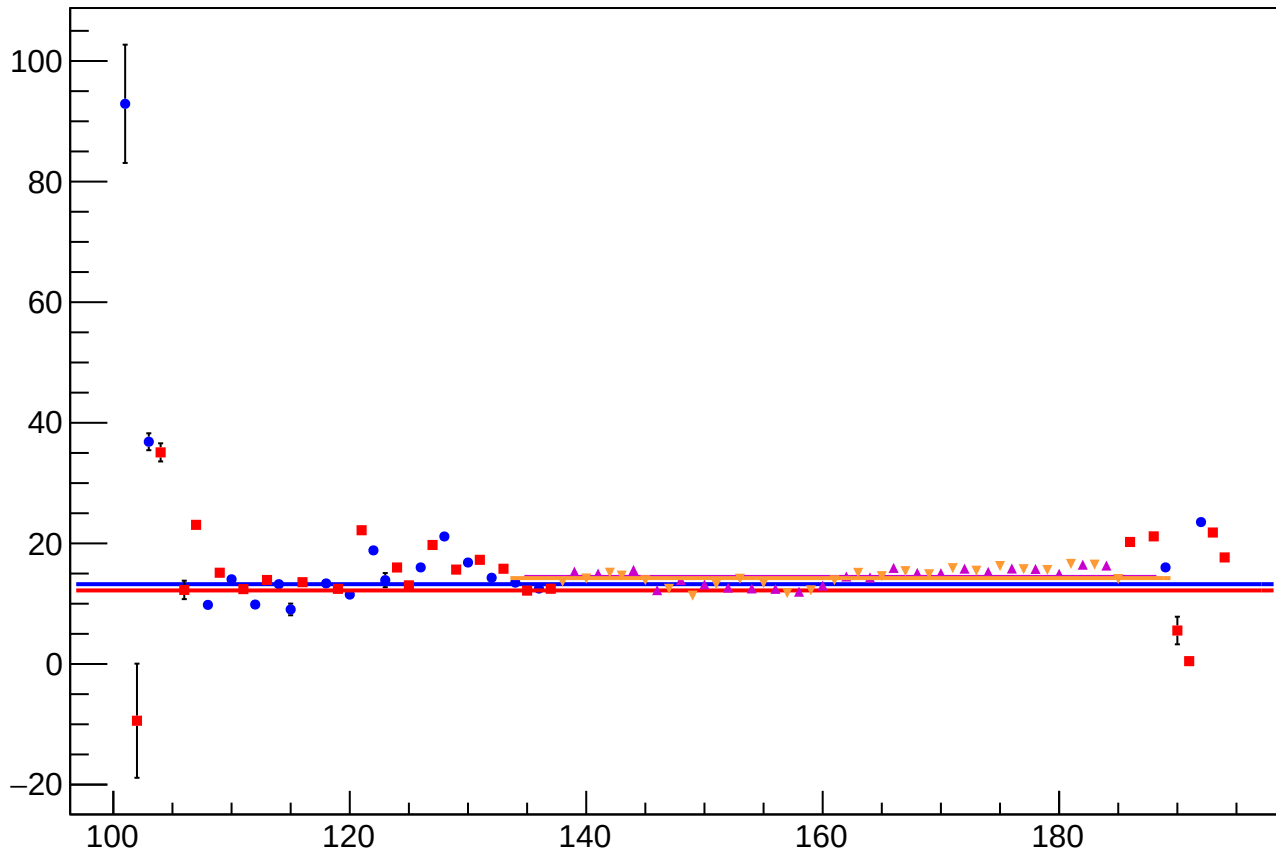
Left In: -19.047 ± 0.014 χ^2/NDF : 214747.8/22

+ sign -21.126 ± 0.012 χ^2/NDF : 544448.3/43

All: -20.969 ± 0.009 χ^2/NDF : 1276908.6/90

- sign -20.778 ± 0.013 χ^2/NDF : 732050.2/46

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 7427.6/18

Left Out: 14.245 $\pm$ 0.012 χ^2 /NDF:12367.6/24

Right Out: 12.199 $\pm$ 0.040 χ^2 /NDF: 24515.9/23

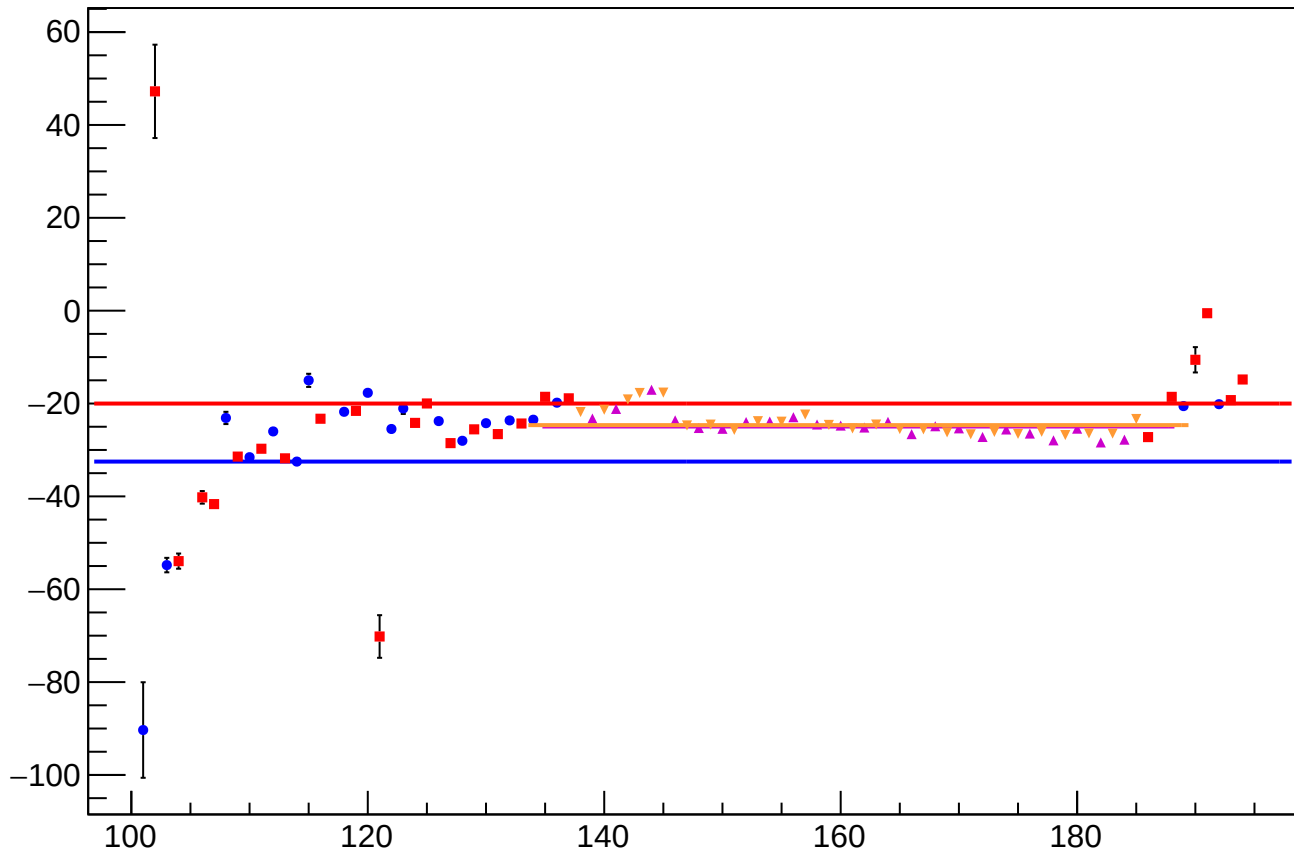
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF:12955.9/22

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 26864.8/43

All: 13.238 $\pm$ 0.000 χ^2 /NDF: 75677.8/90

- sign 14.265 $\pm$ 0.011 χ^2 /NDF: 40371.3/46

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 $\chi^2/\text{NDF}: 77351.7/18$

Left Out: -24.652 ± 0.015 $\chi^2/\text{NDF}: 23058.0/24$

Right Out: -20.006 ± 0.041 $\chi^2/\text{NDF}: 59928.2/23$

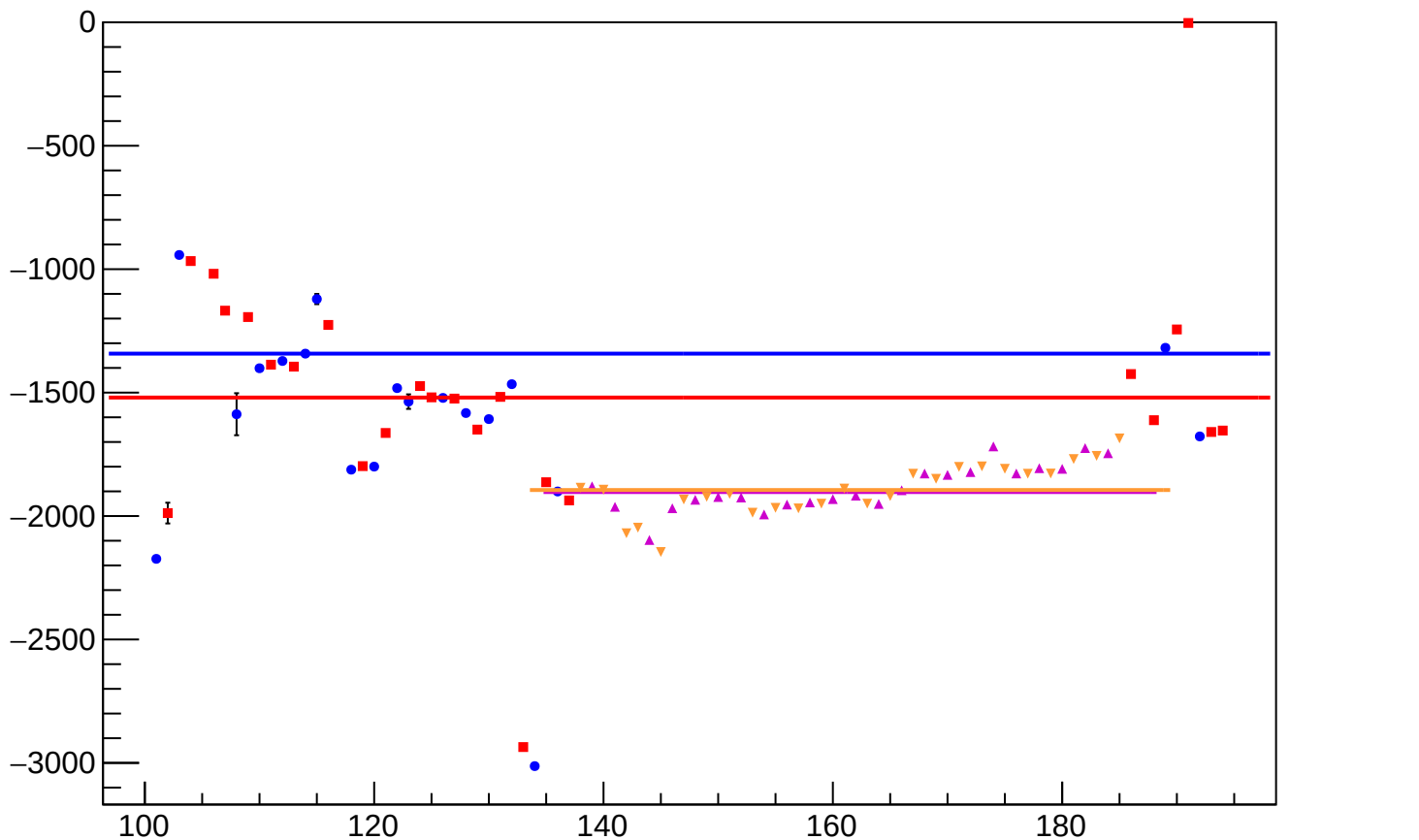
Left In: -24.948 ± 0.015 $\chi^2/\text{NDF}: 14049.6/22$

+ sign -32.504 ± 0.000 $\chi^2/\text{NDF}: 375739.7/43$

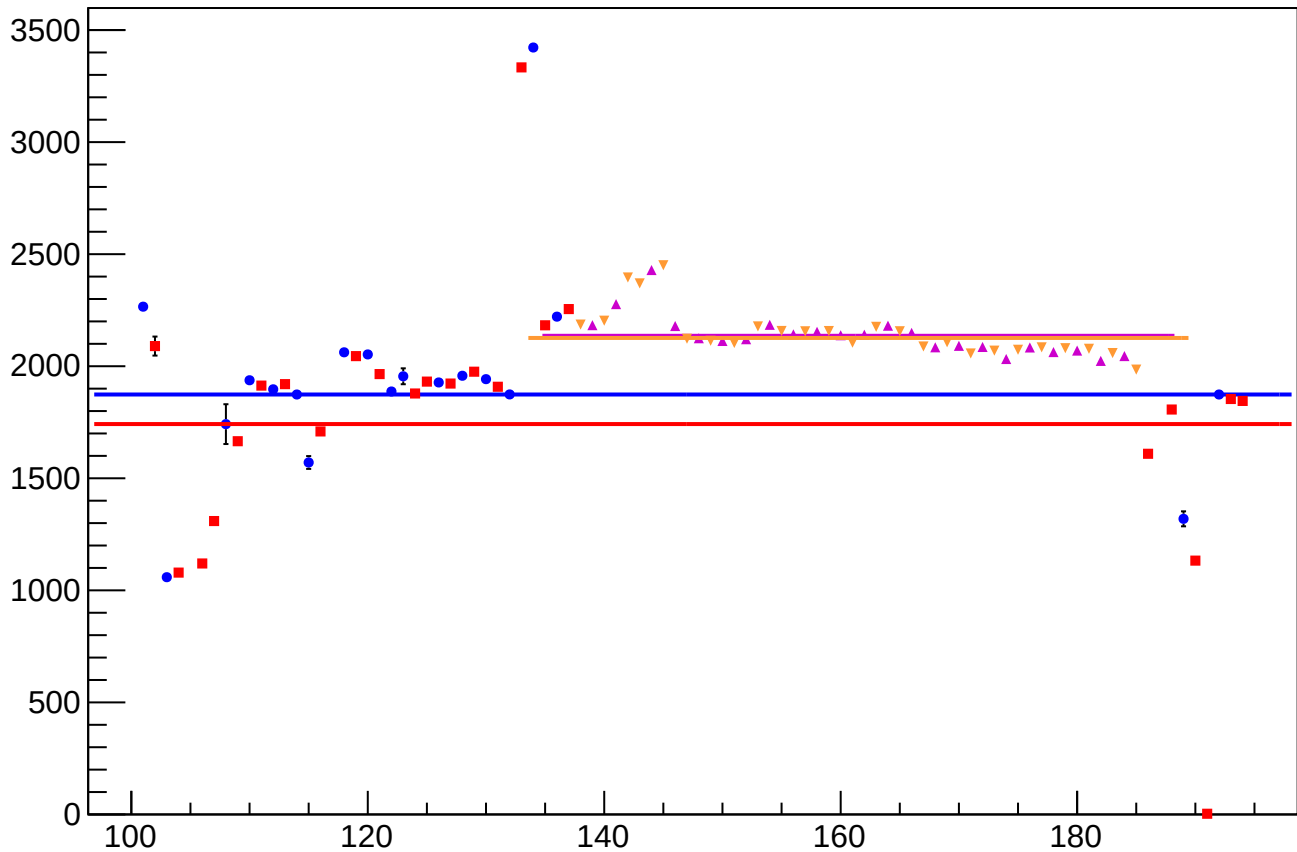
All: -32.504 ± 0.000 $\chi^2/\text{NDF}: 789967.1/90$

- sign -24.356 ± 0.014 $\chi^2/\text{NDF}: 86687.8/46$

dit_atr2_4aX_slope vs Slug



dit_atr2_4eX_slope vs Slug



Right In: 1873.852 $\pm$ 0.000 χ^2 /NDF: 201839.6/18

Left Out: 2126.160 $\pm$ 0.317 χ^2 /NDF: 48244.0/24

Right Out: 1741.958 $\pm$ 0.276 χ^2 /NDF: 3308999.4/23

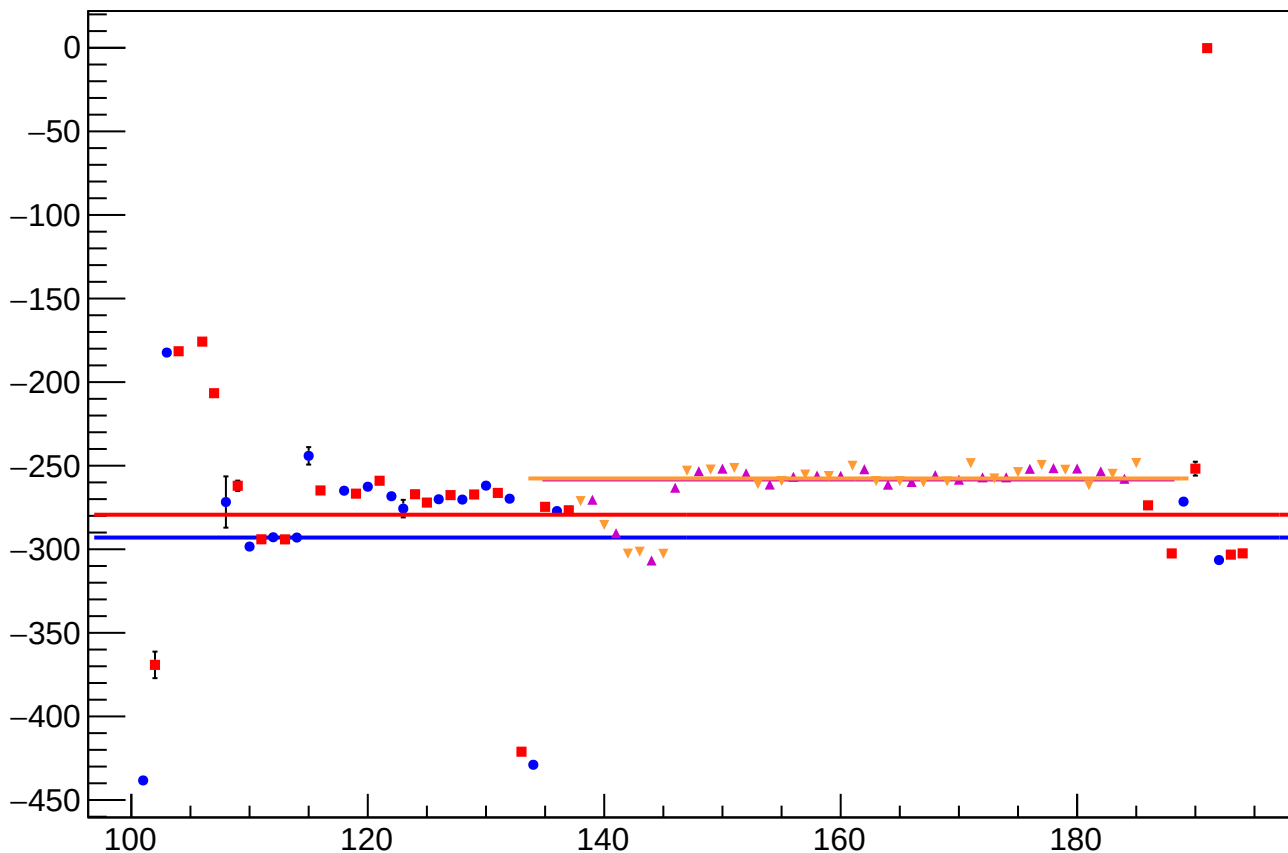
Left In: 2135.770 $\pm$ 0.290 χ^2 /NDF: 58031.3/22

+ sign 1873.852 $\pm$ 0.000 χ^2 /NDF: 882451.2/43

All: 1873.852 $\pm$ 0.000 χ^2 /NDF: 5295886.3/90

- sign 1929.634 $\pm$ 0.200 χ^2 /NDF: 4335536.4/46

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 χ^2/NDF : 1052792.6/18

Left Out: -257.631 ± 0.020 χ^2/NDF : 226942.0/24

Right Out: -279.334 ± 0.036 χ^2/NDF : 1918025.7/23

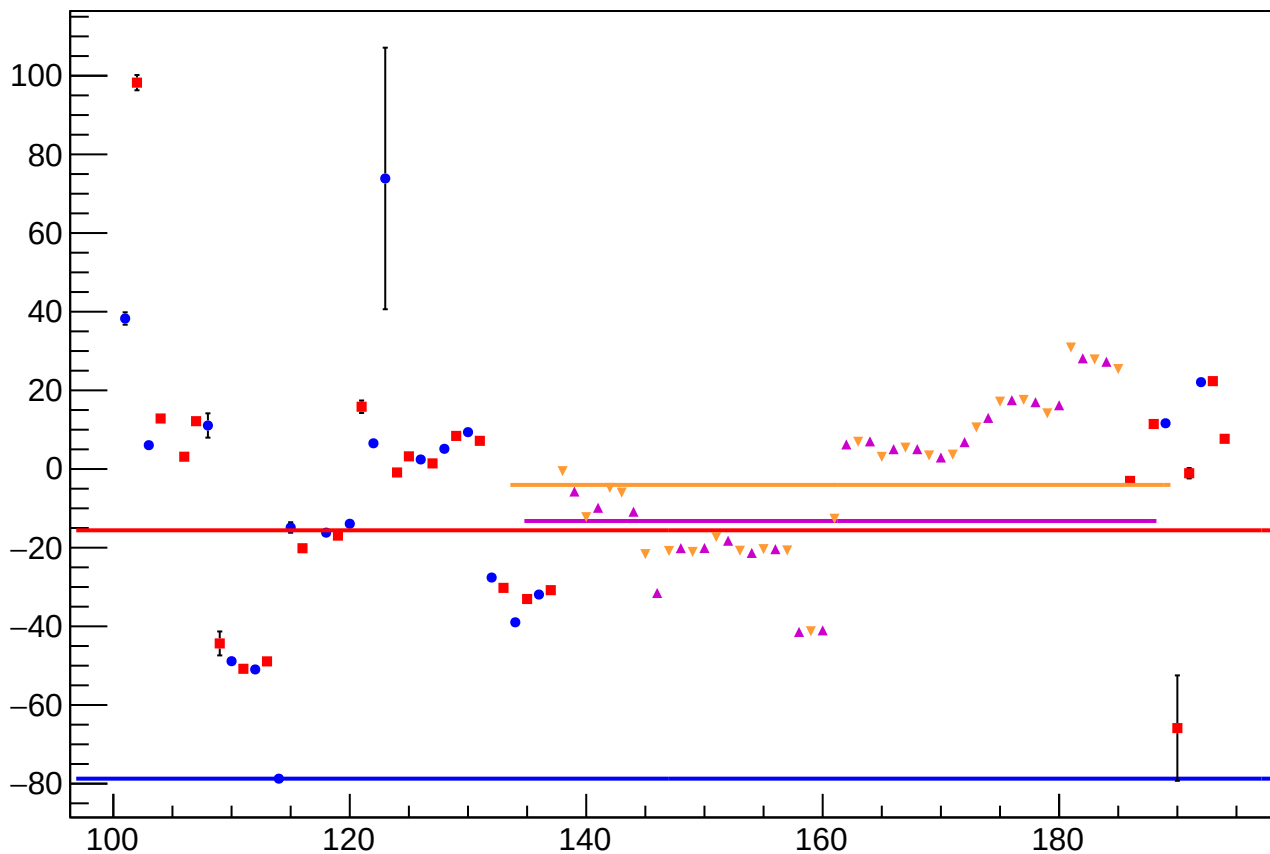
Left In: -258.240 ± 0.017 χ^2/NDF : 268186.3/22

+ sign -292.986 ± 0.000 χ^2/NDF : 4449720.4/43

All: -292.986 ± 0.000 χ^2/NDF : 10727674.2/9

- sign -262.297 ± 0.016 χ^2/NDF : 2465972.3/46

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1567428.2/18

Left Out: -4.036 ± 0.017 χ^2/NDF : 1369619.3/24

Right Out: -15.584 ± 0.066 χ^2/NDF : 99114.5/23

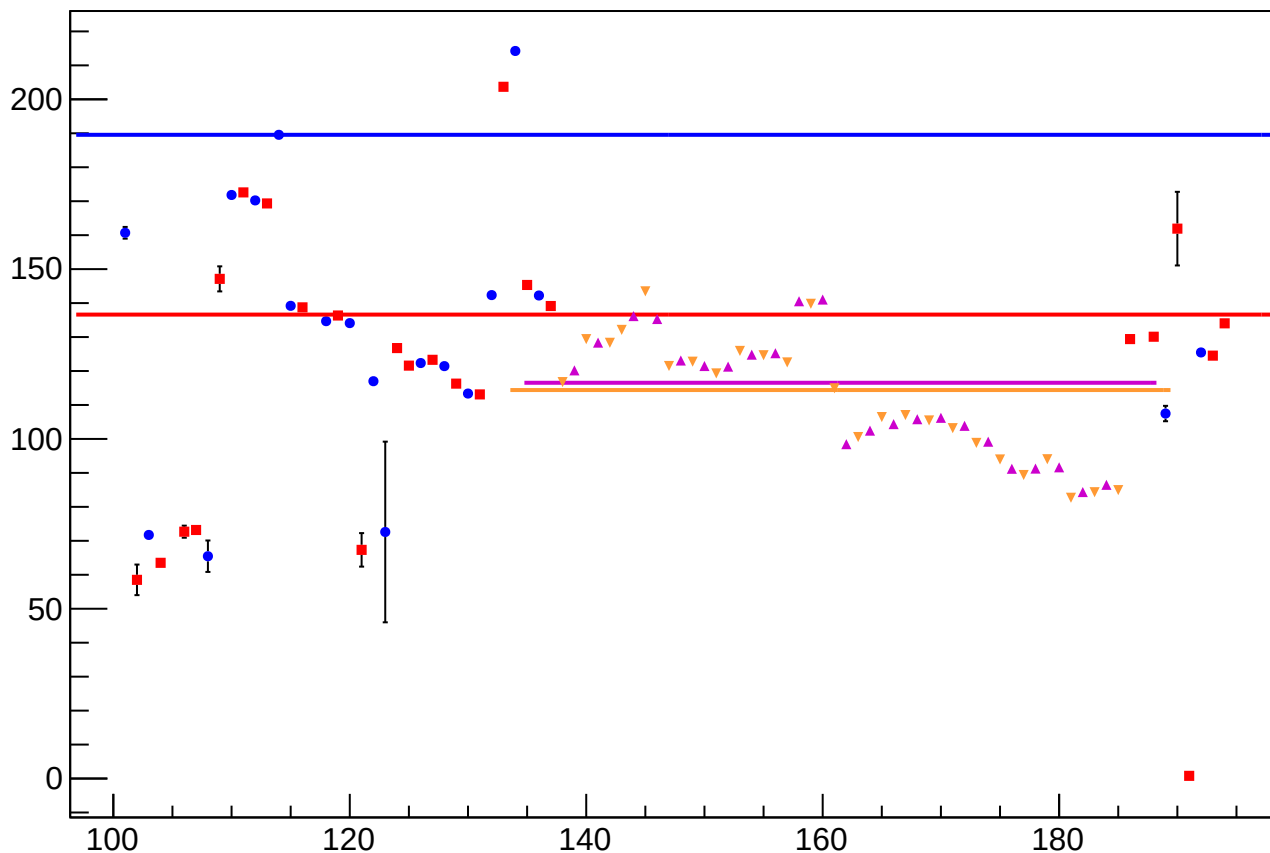
Left In: -13.213 ± 0.017 χ^2/NDF : 1356033.4/22

+ sign -78.728 ± 0.000 χ^2/NDF : 22077741.1/43

All: -78.728 ± 0.000 χ^2/NDF : 39441861.6/90

- sign -13.358 ± 0.016 χ^2/NDF : 1456355.1/46

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 999352.0/18

Left Out: 114.395 $\pm$ 0.023 χ^2 /NDF: 434871.2/24

Right Out: 136.614 $\pm$ 0.057 χ^2 /NDF: 127420.6/23

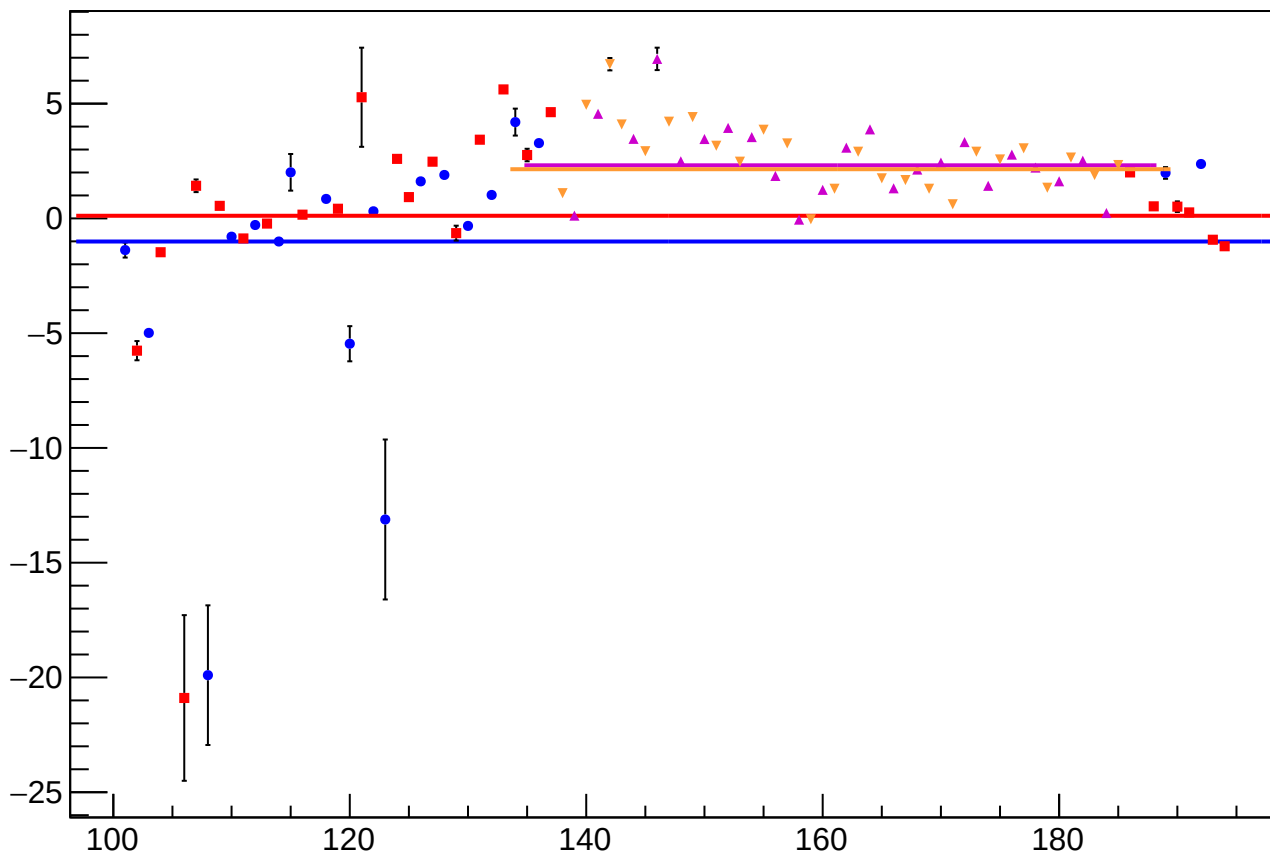
Left In: 116.538 $\pm$ 0.024 χ^2 /NDF: 458128.6/22

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 12520479.2/43

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 23543216.1/90

- sign 119.515 $\pm$ 0.022 χ^2 /NDF: 692772.4/46

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7861.7/18

Left Out: 2.143 ± 0.015 χ^2/NDF : 6585.0/24

Right Out: 0.115 ± 0.014 χ^2/NDF : 5540.0/23

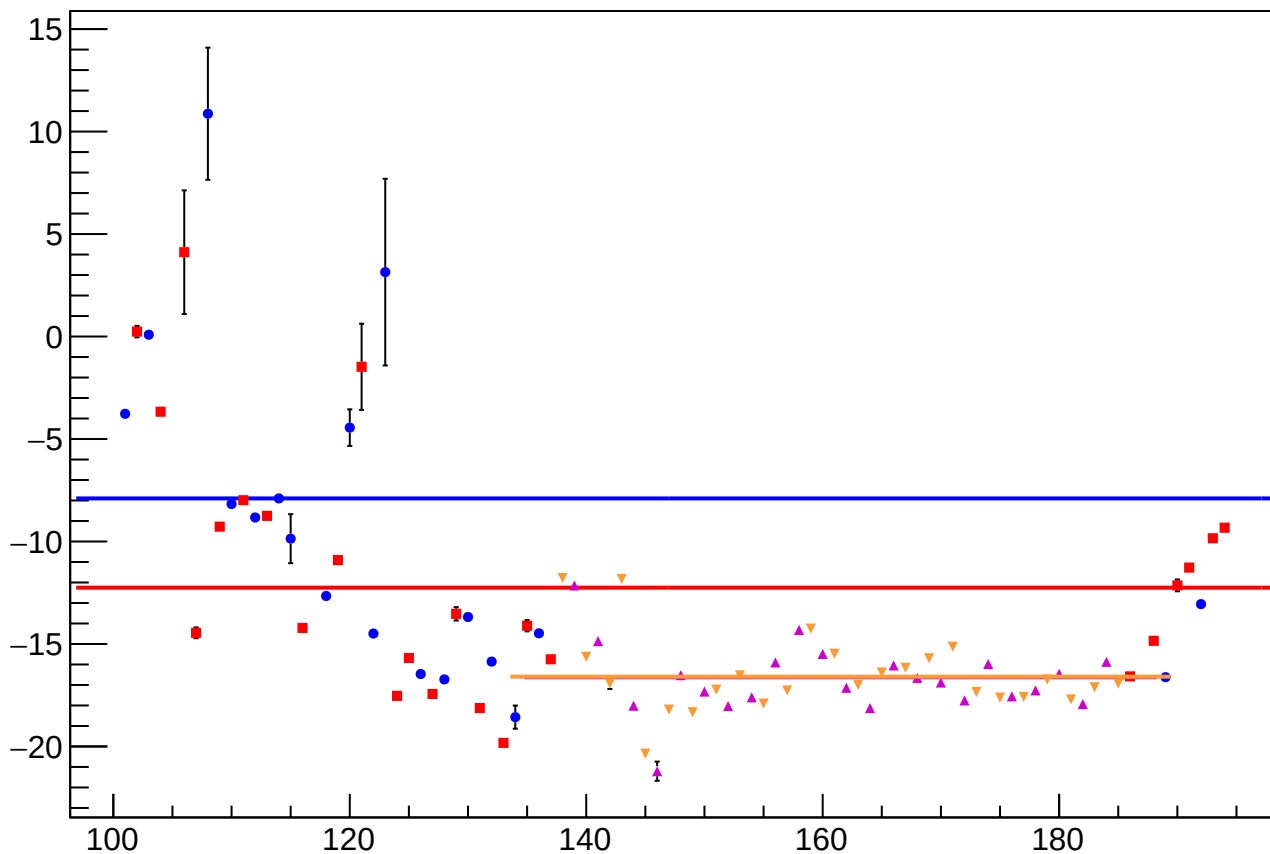
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ sign -1.007 ± 0.000 χ^2/NDF : 60668.1/43

All: -1.007 ± 0.000 χ^2/NDF : 135506.2/90

- sign 1.234 ± 0.010 χ^2/NDF : 24976.5/46

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 $\chi^2/\text{NDF}: 44434.3/18$

Left Out: -16.595 ± 0.014 $\chi^2/\text{NDF}: 8432.7/24$

Right Out: -12.252 ± 0.017 $\chi^2/\text{NDF}: 34240.9/23$

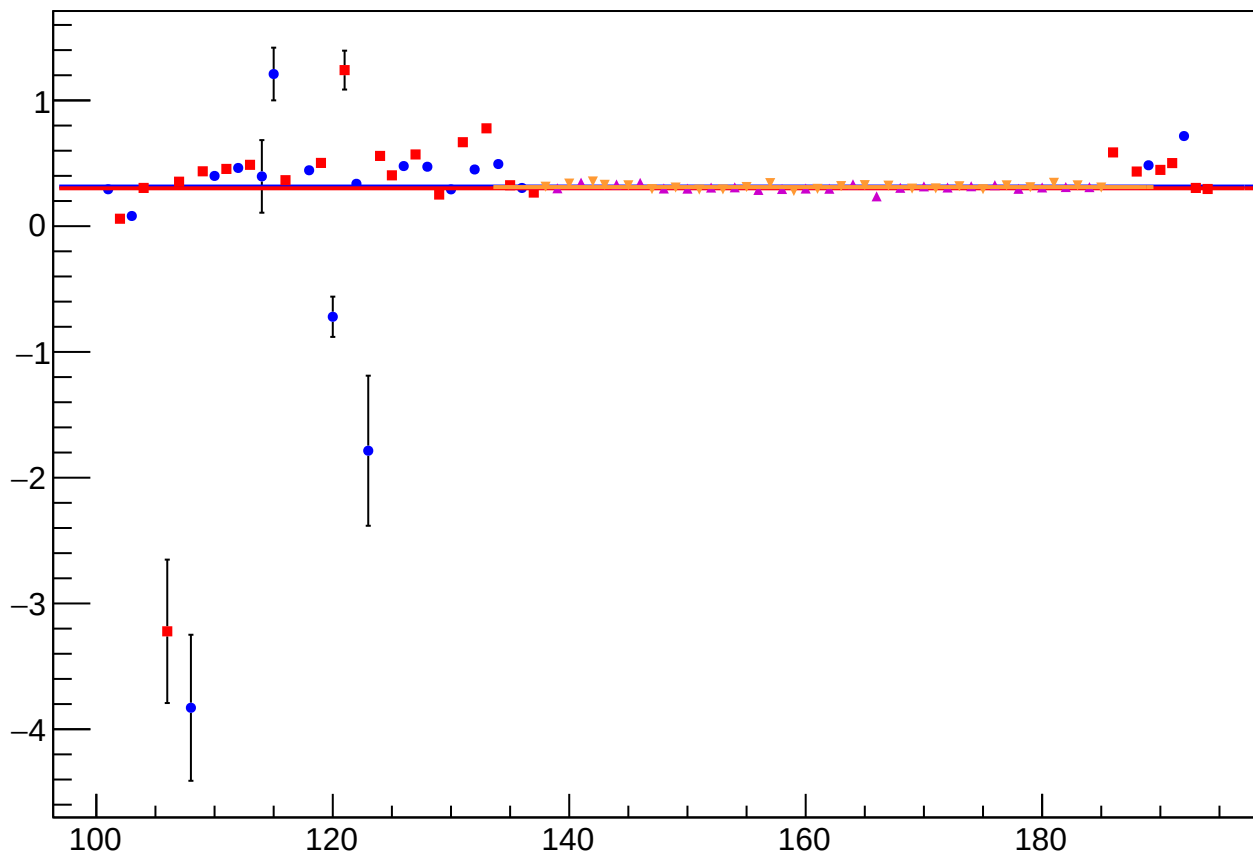
Left In: -16.625 ± 0.015 $\chi^2/\text{NDF}: 6289.5/22$

+ sign -7.899 ± 0.000 $\chi^2/\text{NDF}: 418712.5/43$

All: -7.899 ± 0.000 $\chi^2/\text{NDF}: 877364.4/90$

- sign -14.760 ± 0.011 $\chi^2/\text{NDF}: 78316.3/46$

dit_sam1_11X12X_slope vs Slug



Right In: 0.315 $\pm$ 0.001 χ^2 /NDF: 3229.2/18

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF: 4975.7/24

Right Out: 0.301 $\pm$ 0.001 χ^2 /NDF: 7011.8/23

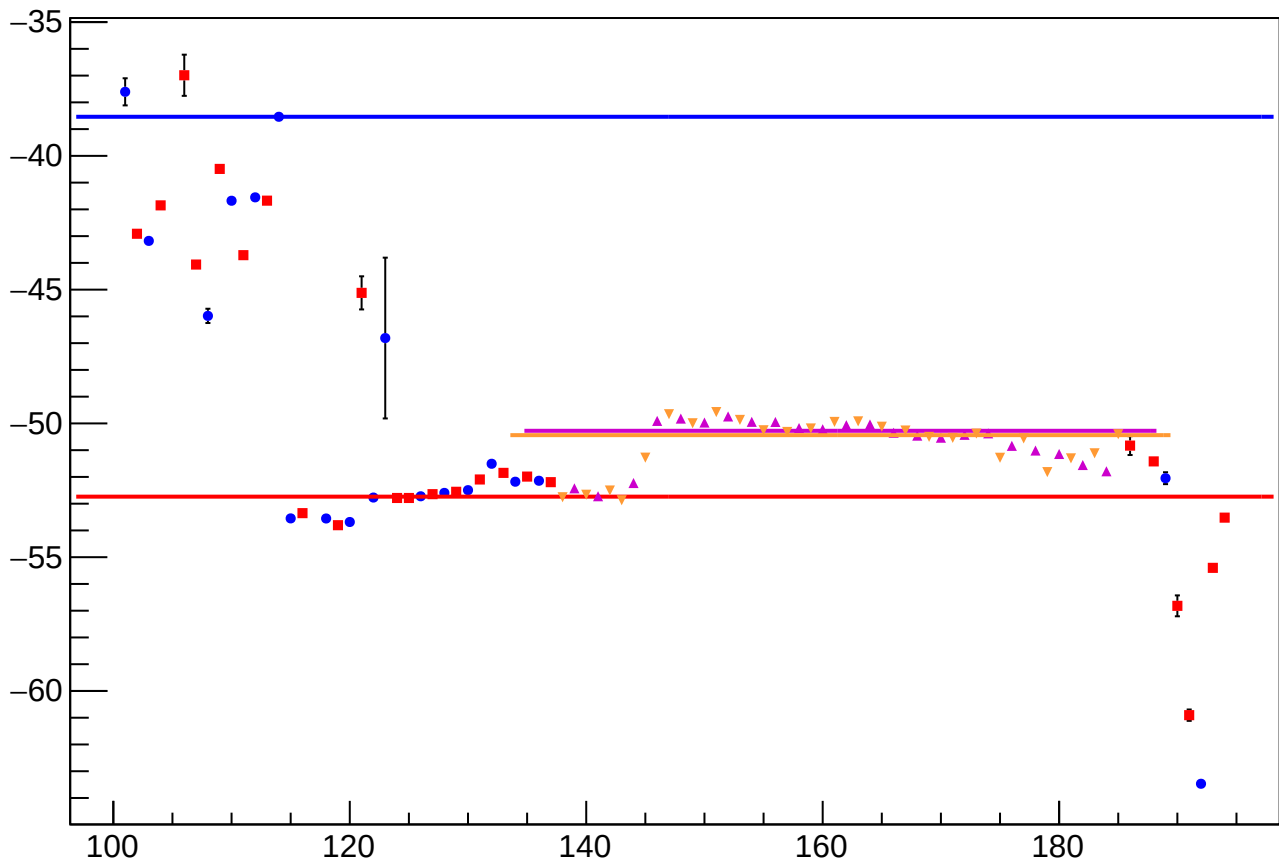
Left In: 0.310 $\pm$ 0.000 χ^2 /NDF: 3074.6/22

+ sign 0.311 $\pm$ 0.000 χ^2 /NDF: 8223.2/43

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 18441.3/90

- sign 0.309 $\pm$ 0.000 χ^2 /NDF: 10190.2/46

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 $\chi^2/\text{NDF}: 14981898.0/18$

Left Out: -50.438 ± 0.001 $\chi^2/\text{NDF}: 299897.3/24$

Right Out: -52.737 ± 0.002 $\chi^2/\text{NDF}: 83930.4/23$

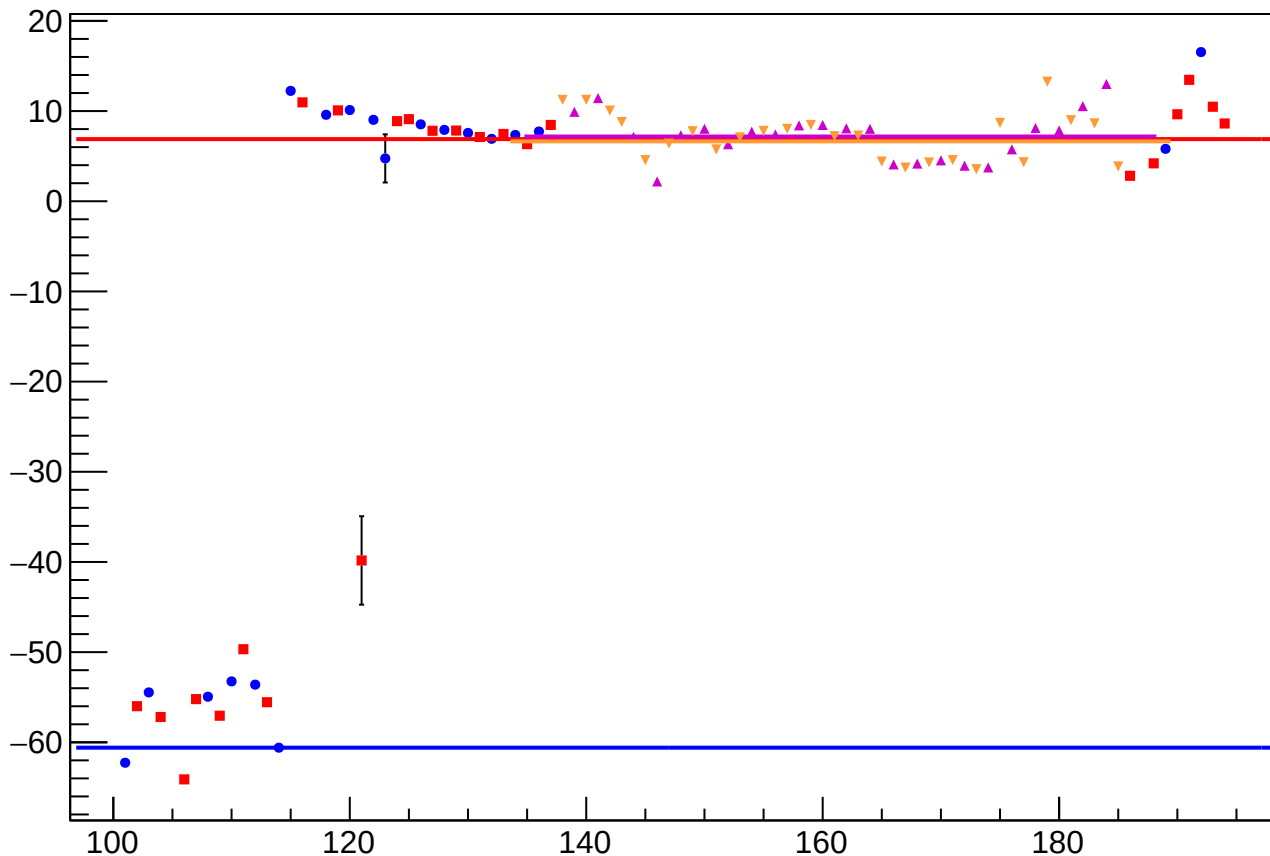
Left In: -50.276 ± 0.001 $\chi^2/\text{NDF}: 190236.3/22$

+ sign -38.539 ± 0.000 $\chi^2/\text{NDF}: 90861124.5/43$

All: -38.539 ± 0.000 $\chi^2/\text{NDF}: 236295250.8/9$

- sign -51.033 ± 0.001 $\chi^2/\text{NDF}: 1464207.9/46$

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26489664.8/18

Left Out: 6.641 ± 0.004 χ^2/NDF : 340462.4/24

Right Out: 6.891 ± 0.011 χ^2/NDF : 1163172.3/23

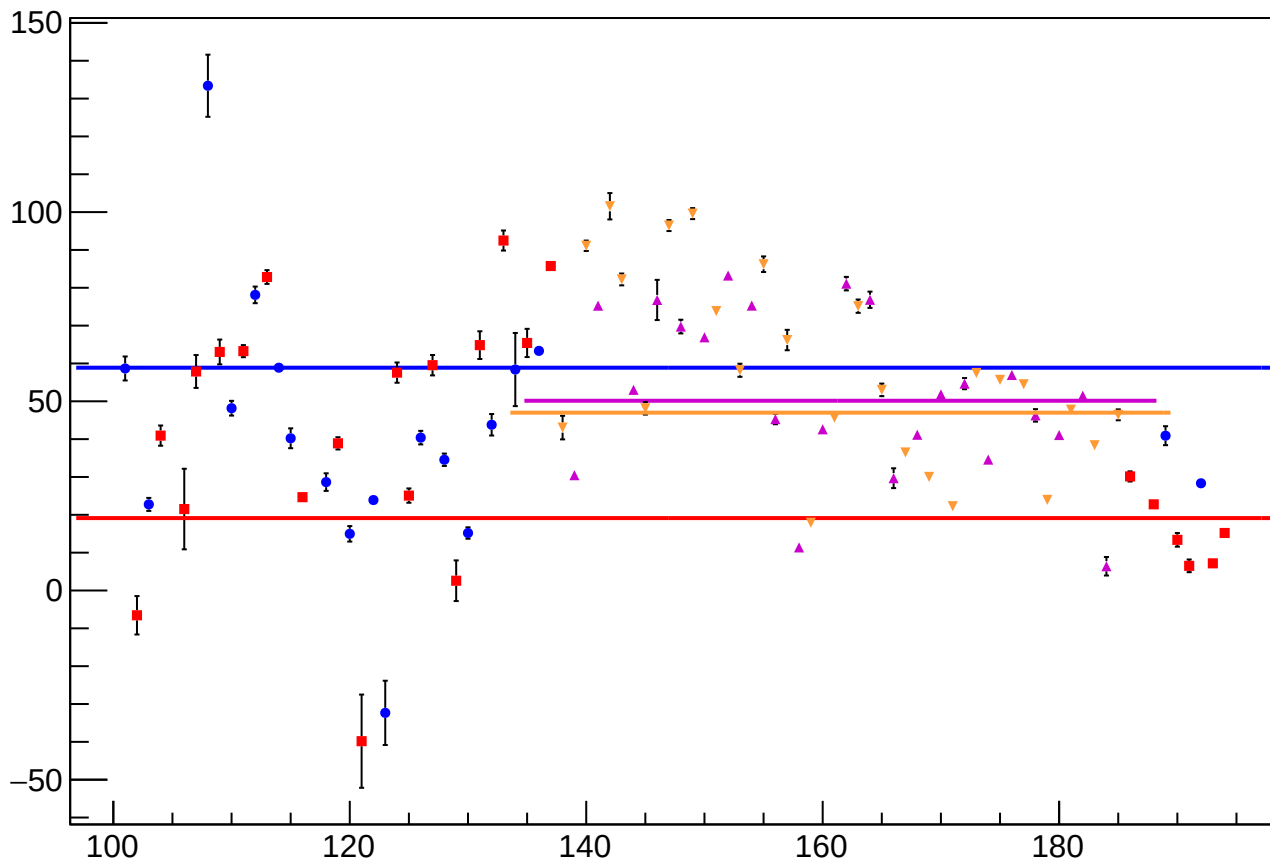
Left In: 7.179 ± 0.003 χ^2/NDF : 214127.6/22

+ sign -60.594 ± 0.000 χ^2/NDF : 360895255.3/43

All: -60.594 ± 0.000 χ^2/NDF : 786603108.3/9

- sign 7.151 ± 0.003 χ^2/NDF : 1377968.1/46

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 4450.3/18

Left Out: 46.995 $\pm$ 0.215 χ^2 /NDF: 9203.7/24

Right Out: 19.135 $\pm$ 0.169 χ^2 /NDF: 10576.5/23

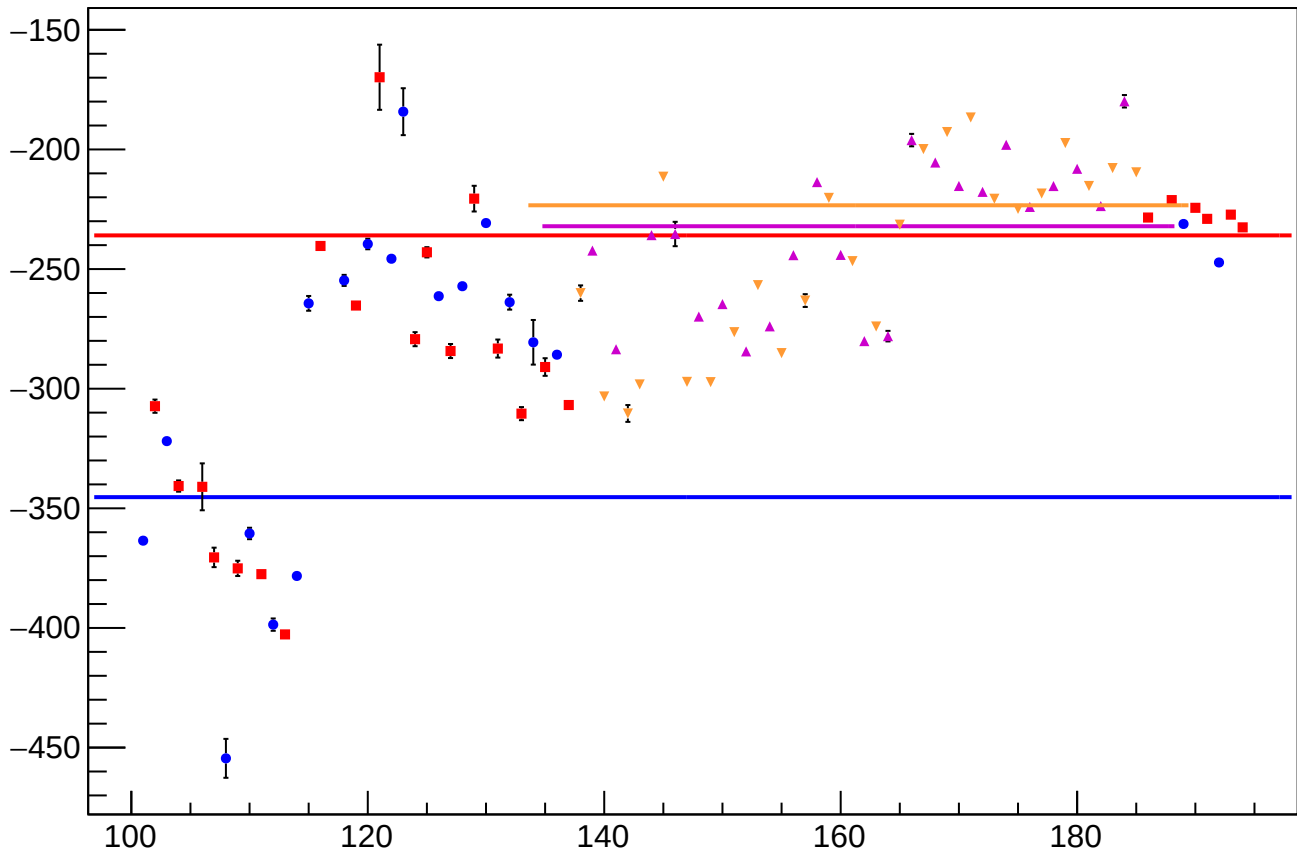
Left In: 50.144 $\pm$ 0.212 χ^2 /NDF: 6667.7/22

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 16710.6/43

All: 58.880 $\pm$ 0.000 χ^2 /NDF: 90800.9/90

- sign 31.240 $\pm$ 0.132 χ^2 /NDF: 30346.9/46

dit_sam2_4eX_slope vs Slug



Right In: -345.327 ± 0.238 χ^2/NDF : 51356.1/18

Left Out: -223.342 ± 0.215 χ^2/NDF : 22293.9/24

Right Out: -235.924 ± 0.152 χ^2/NDF : 28176.2/23

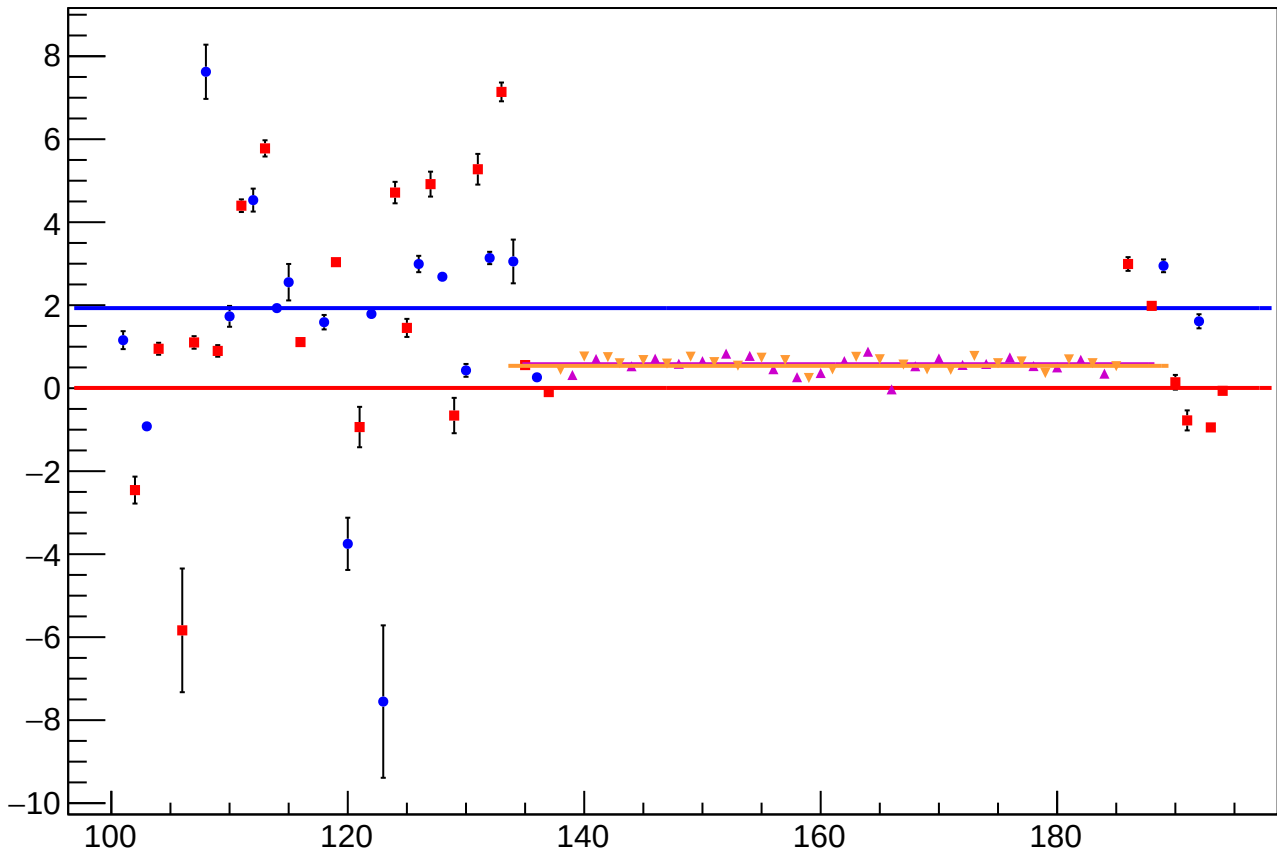
Left In: -232.094 ± 0.217 χ^2/NDF : 17468.1/22

+ sign -278.212 ± 0.160 χ^2/NDF : 217872.2/43

All: -251.162 ± 0.098 χ^2/NDF : 309859.4/90

- sign -234.662 ± 0.125 χ^2/NDF : 45852.4/46

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 60018.0/18

Left Out: 0.539 ± 0.002 χ^2/NDF : 10792.6/24

Right Out: 0.006 ± 0.004 χ^2/NDF : 10581.3/23

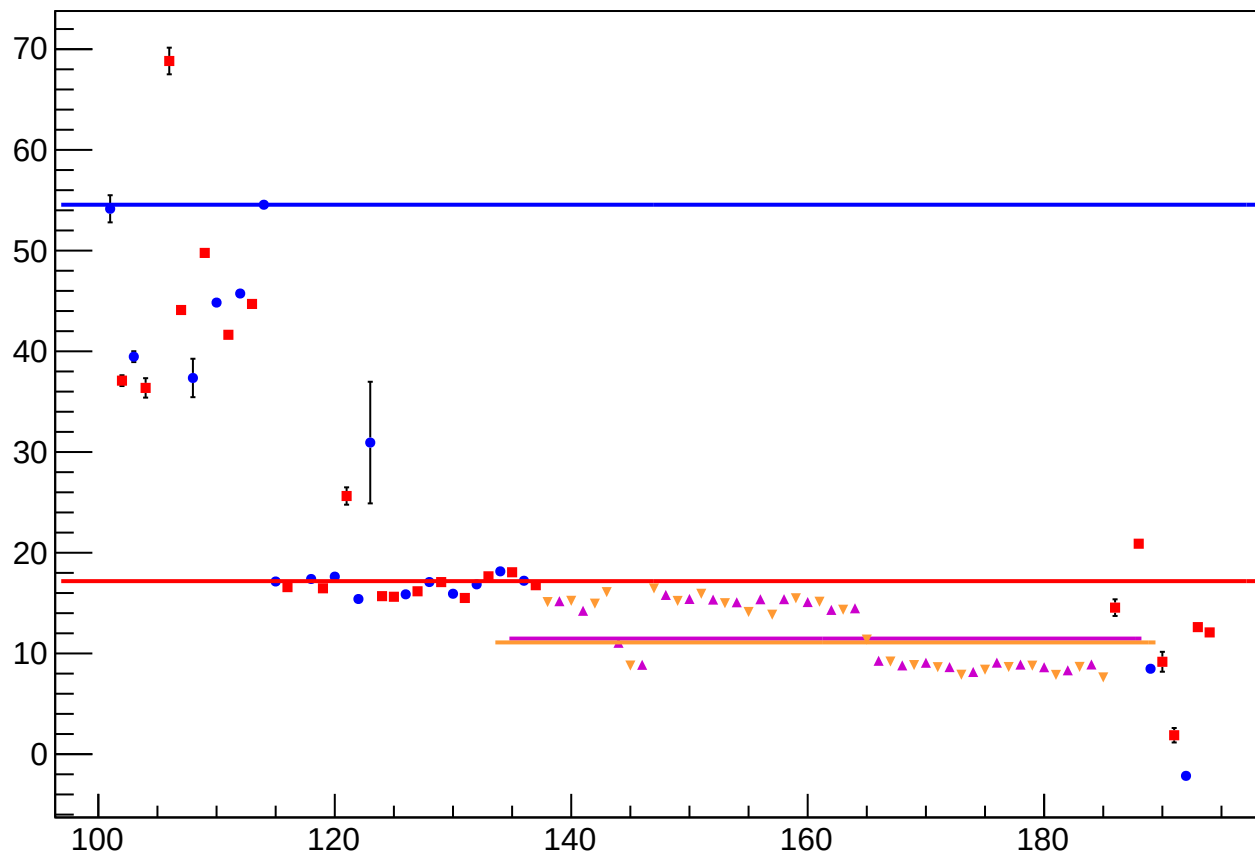
Left In: 0.577 ± 0.001 χ^2/NDF : 15533.6/22

+ sign 1.930 ± 0.000 χ^2/NDF : 762094.5/43

All: 1.930 ± 0.000 χ^2/NDF : 1856061.2/90

- sign 0.519 ± 0.001 χ^2/NDF : 41852.3/46

dit_sam2_4aY_slope vs Slug



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 9929026.6/18

Left Out: 11.095 $\pm$ 0.005 χ^2 /NDF: 381518.3/24

Right Out: 17.181 $\pm$ 0.018 χ^2 /NDF: 62473.1/23

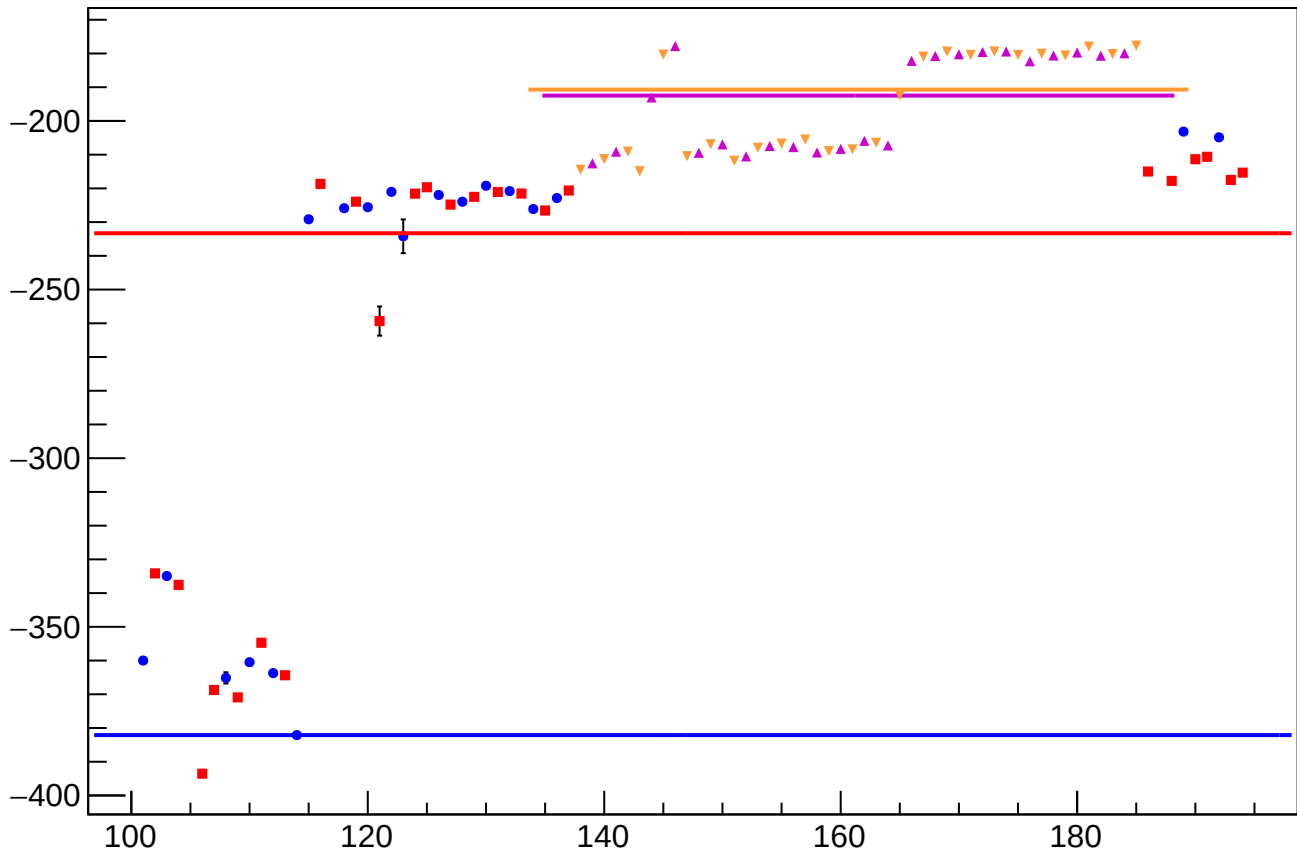
Left In: 11.477 $\pm$ 0.005 χ^2 /NDF: 381285.2/22

+ sign 54.556 $\pm$ 0.000 χ^2 /NDF: 76135825.3/43

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 148795709.0/90

- sign 11.917 $\pm$ 0.005 χ^2 /NDF: 535546.6/46

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 $\chi^2/\text{NDF}: 19117018.9/18$

Left Out: -190.703 ± 0.011 $\chi^2/\text{NDF}: 1602184.8/24$

Right Out: -233.305 ± 0.047 $\chi^2/\text{NDF}: 654760.5/23$

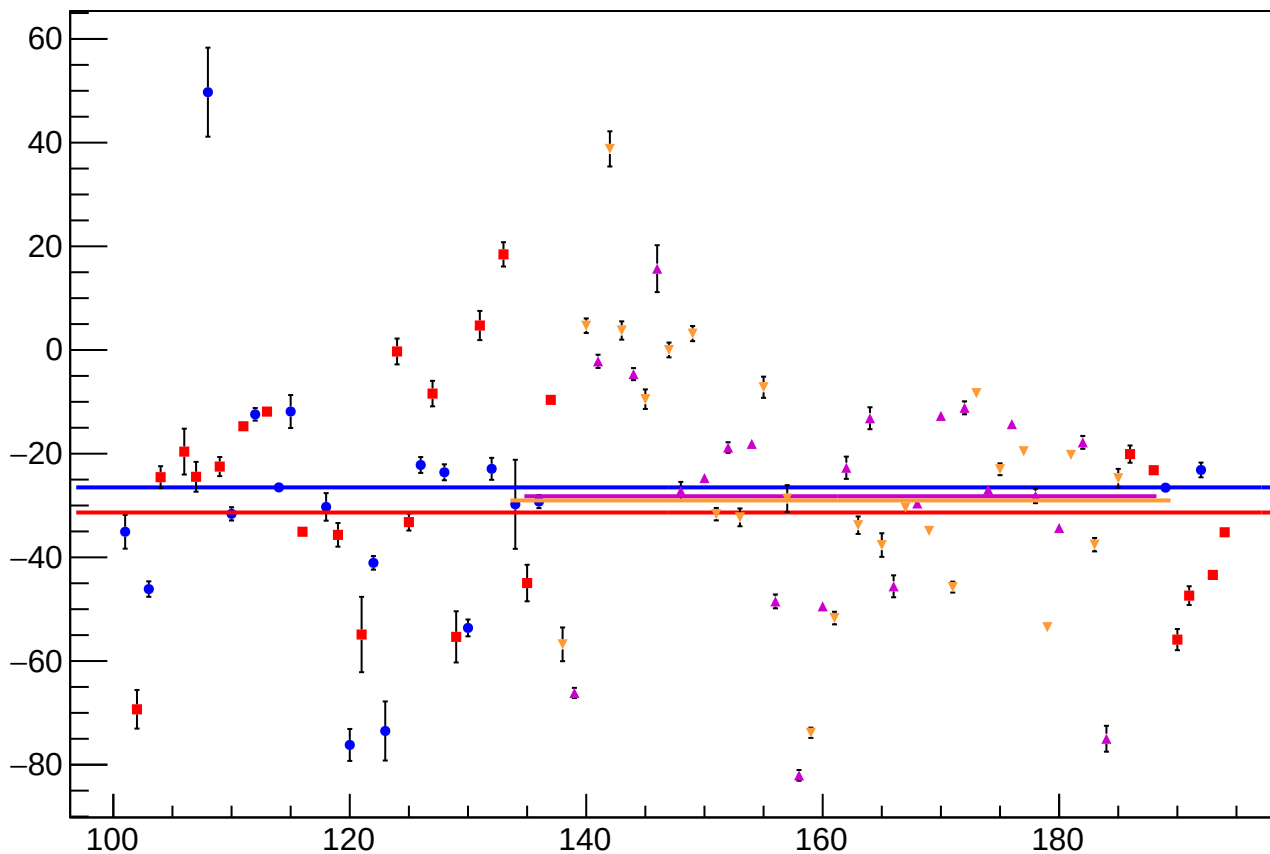
Left In: -192.488 ± 0.011 $\chi^2/\text{NDF}: 1500910.9/22$

+ sign -382.108 ± 0.000 $\chi^2/\text{NDF}: 315055849.2/43$

All: -382.108 ± 0.000 $\chi^2/\text{NDF}: 604304441.9/46$

- sign -194.743 ± 0.011 $\chi^2/\text{NDF}: 2865074.6/46$

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1186.3/18

Left Out: -29.022 ± 0.235 χ^2/NDF : 7110.5/24

Right Out: -31.348 ± 0.175 χ^2/NDF : 4334.0/23

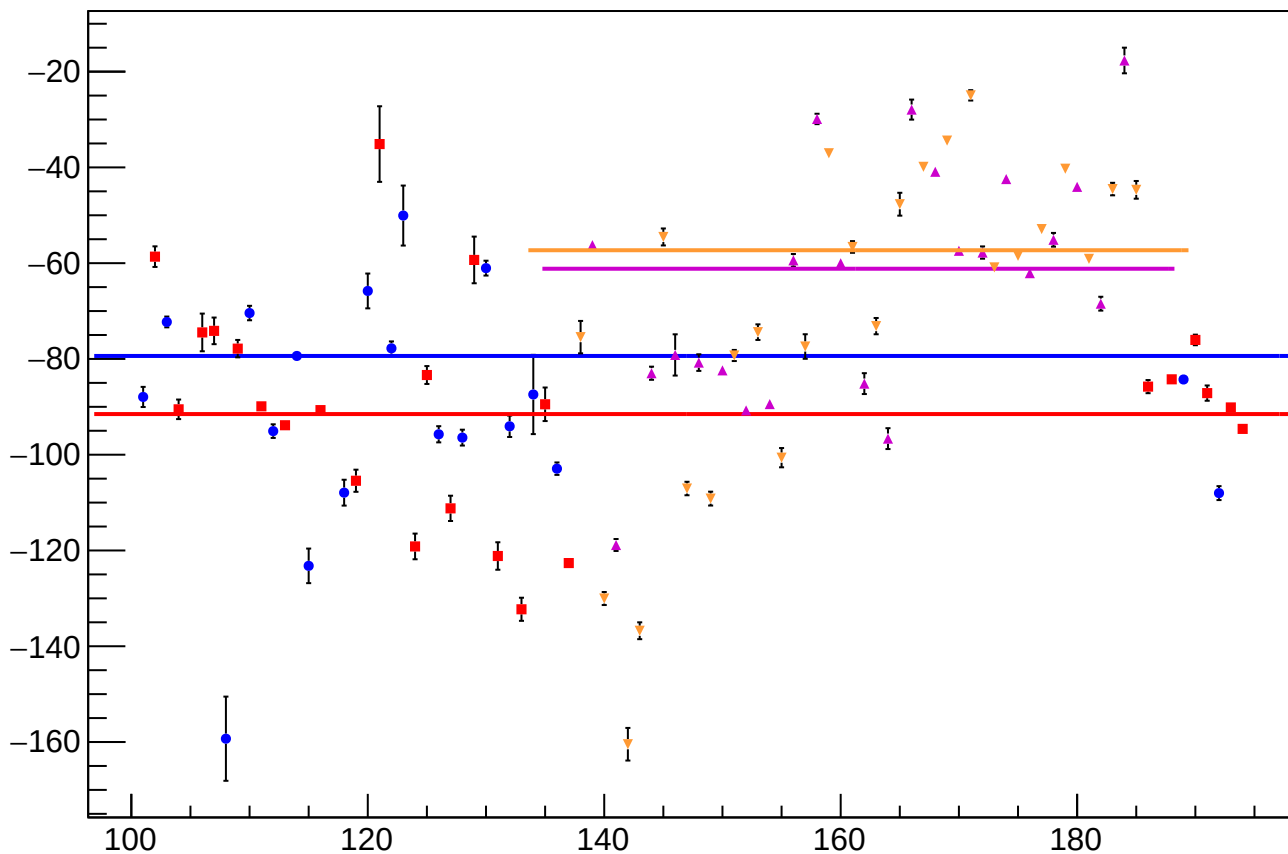
Left In: -28.215 ± 0.215 χ^2/NDF : 7786.5/22

+ sign -26.504 ± 0.000 χ^2/NDF : 8411.9/43

All: -26.504 ± 0.000 χ^2/NDF : 21361.6/90

- sign -30.096 ± 0.136 χ^2/NDF : 12248.5/46

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1727.7/18$

Left Out: -57.300 ± 0.229 $\chi^2/\text{NDF}: 13067.7/24$

Right Out: -91.512 ± 0.148 $\chi^2/\text{NDF}: 2718.1/23$

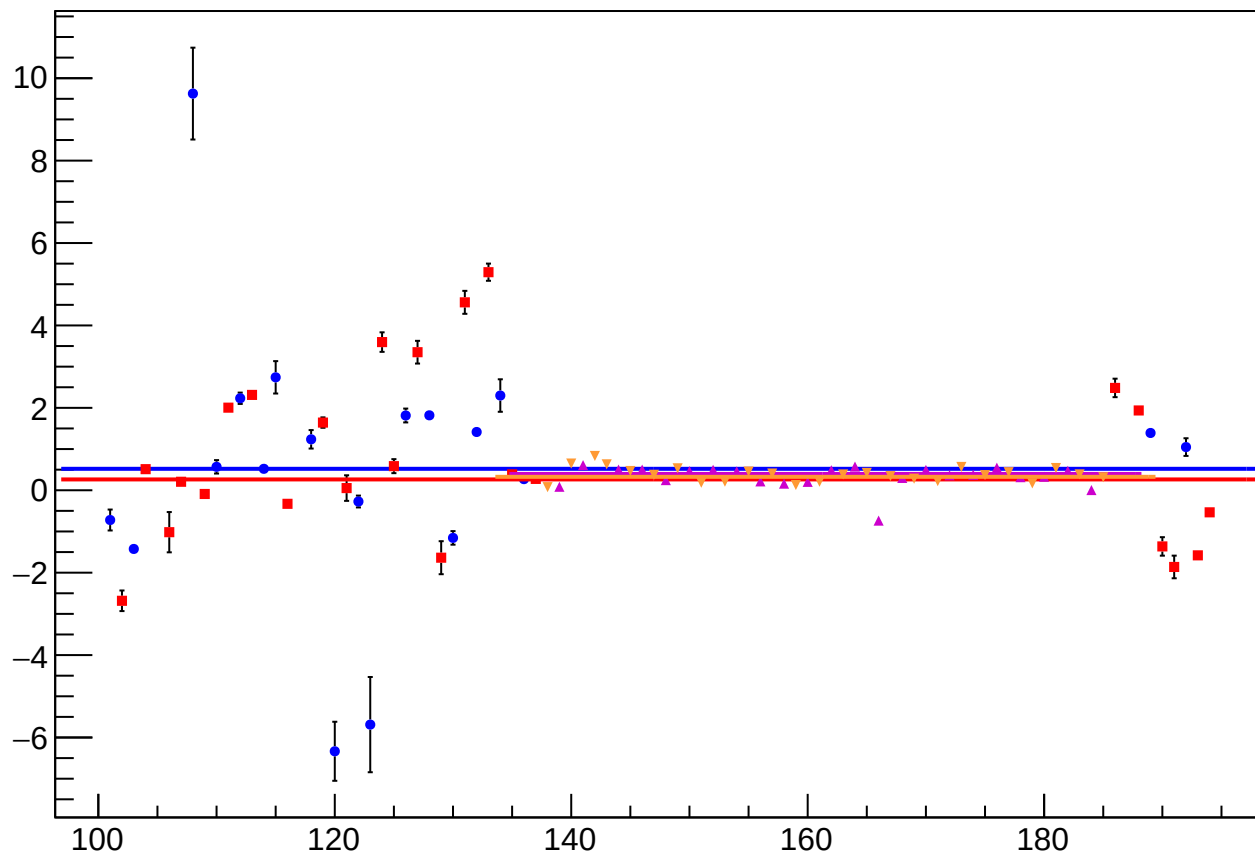
Left In: -61.164 ± 0.218 $\chi^2/\text{NDF}: 8941.7/22$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 24073.0/43$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 49426.2/90$

- sign -81.877 ± 0.123 $\chi^2/\text{NDF}: 24937.2/46$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521 ± 0.000 χ^2/NDF : 3551.8/18

Left Out: 0.326 ± 0.002 χ^2/NDF : 10419.3/24

Right Out: 0.263 ± 0.010 χ^2/NDF : 5809.3/23

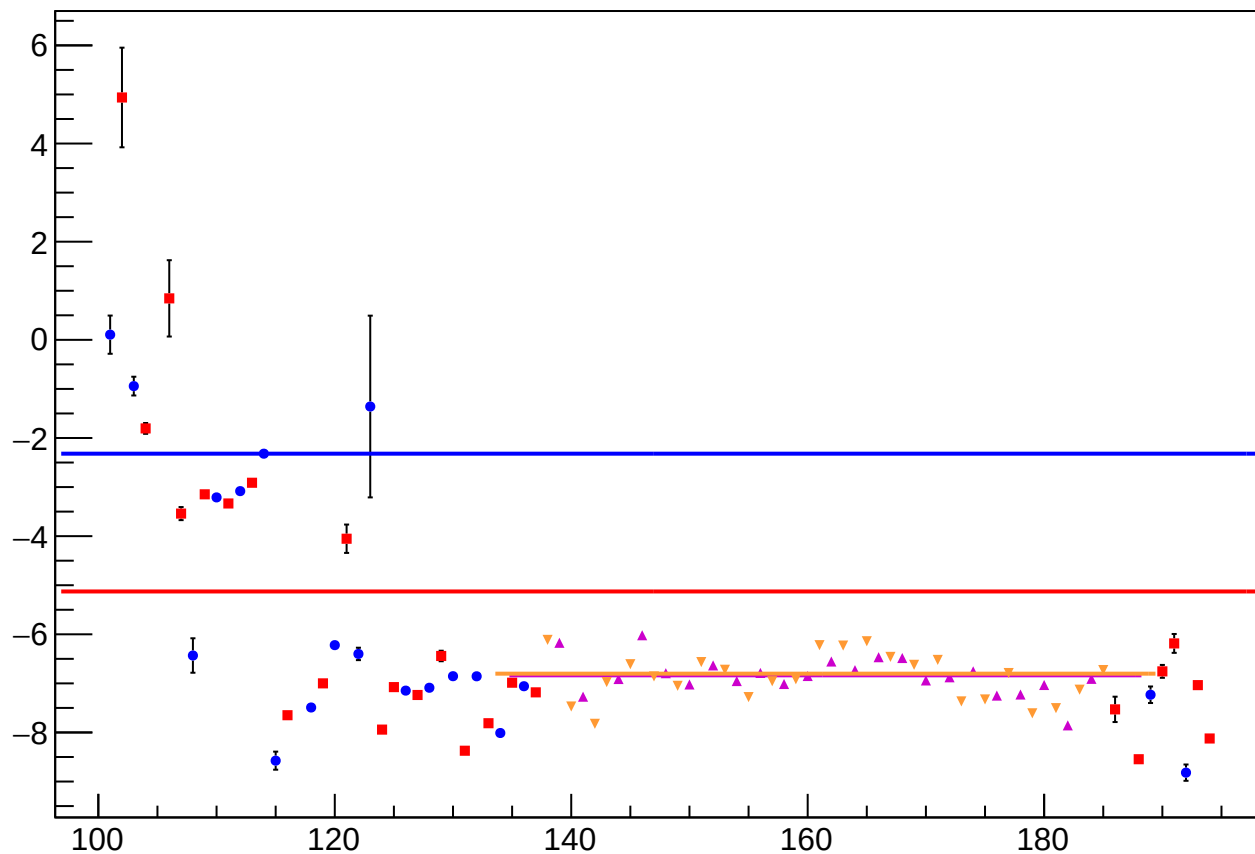
Left In: 0.396 ± 0.001 χ^2/NDF : 11392.0/22

+ sign 0.521 ± 0.000 χ^2/NDF : 28724.3/43

All: 0.521 ± 0.000 χ^2/NDF : 54078.2/90

- sign 0.393 ± 0.001 χ^2/NDF : 17367.4/46

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF : 273154.0/18

Left Out: -6.802+/-0.002 χ^2/NDF : 14918.8/24

Right Out: -5.127+/-0.010 χ^2/NDF : 52610.8/23

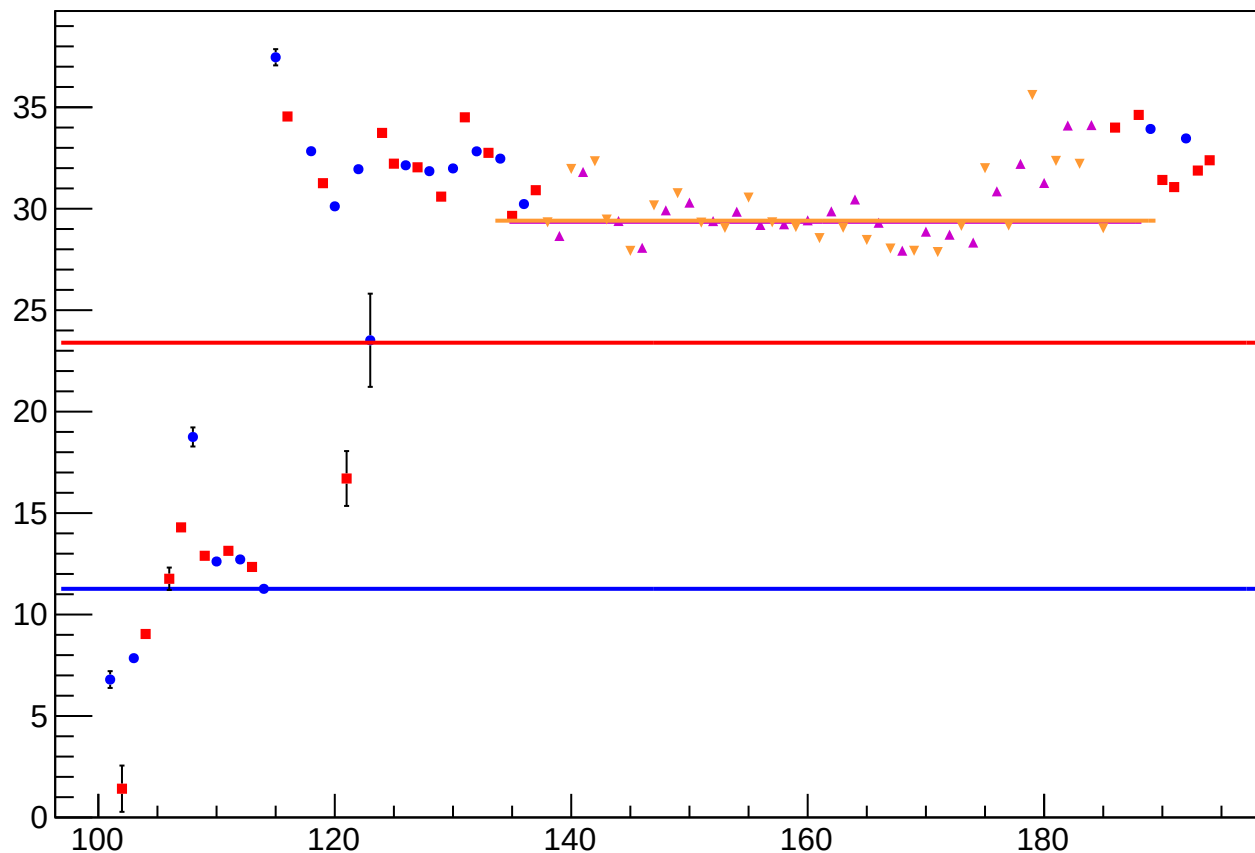
Left In: -6.836+/-0.002 χ^2/NDF : 9245.1/22

+ sign -2.320+/-0.000 χ^2/NDF : 3535979.9/43

All: -2.320+/-0.000 χ^2/NDF : 7192232.9/90

- sign -6.738+/-0.002 χ^2/NDF : 90605.7/46

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 987334.3/18

Left Out: 29.411 $\pm$ 0.008 χ^2 /NDF: 44374.5/24

Right Out: 23.397 $\pm$ 0.016 χ^2 /NDF: 399686.2/23

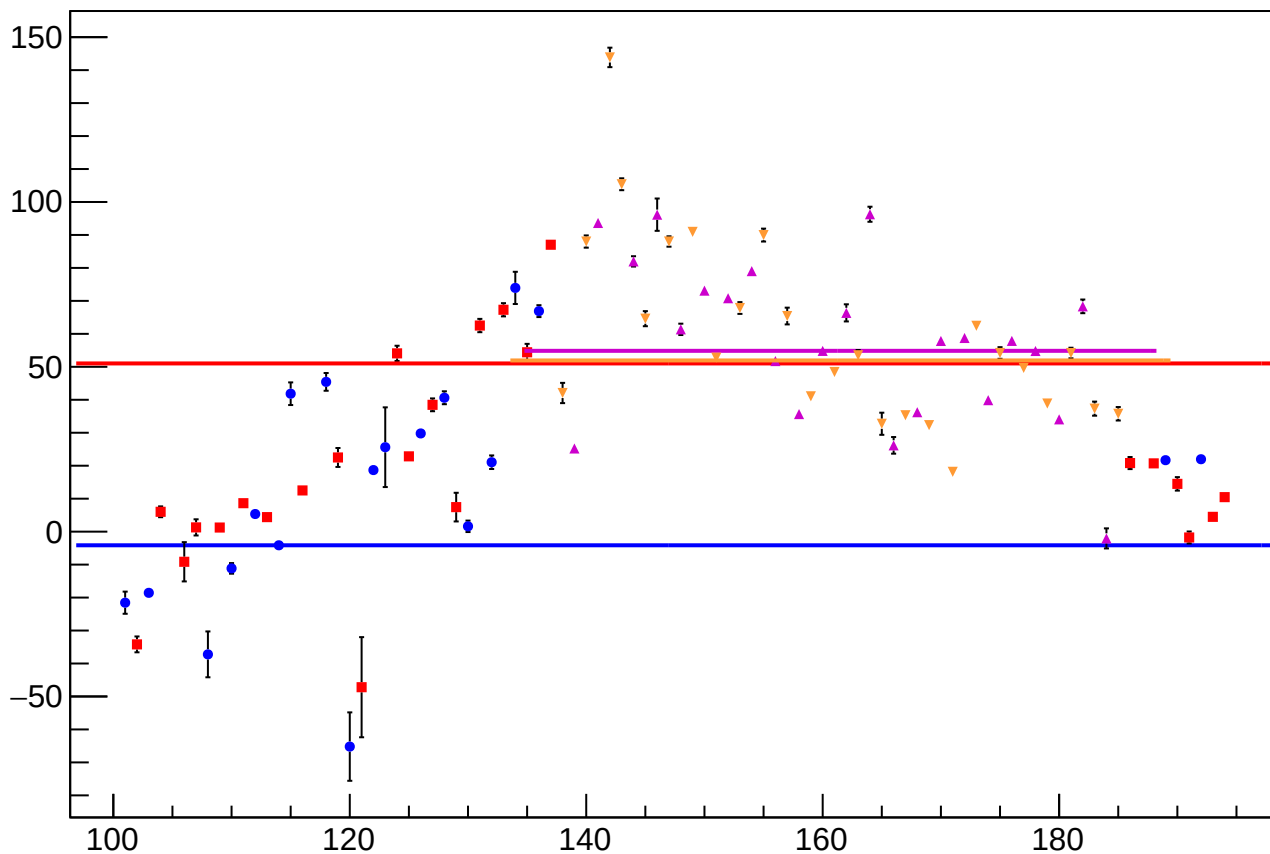
Left In: 29.354 $\pm$ 0.008 χ^2 /NDF: 14741.7/22

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 5946959.3/43

All: 11.268 $\pm$ 0.000 χ^2 /NDF: 12202469.2/90

- sign 28.186 $\pm$ 0.007 χ^2 /NDF: 526316.7/46

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 5376.7/18

Left Out: 51.931 ± 0.276 χ^2/NDF : 6225.4/24

Right Out: 51.025 ± 0.161 χ^2/NDF : 56981.3/23

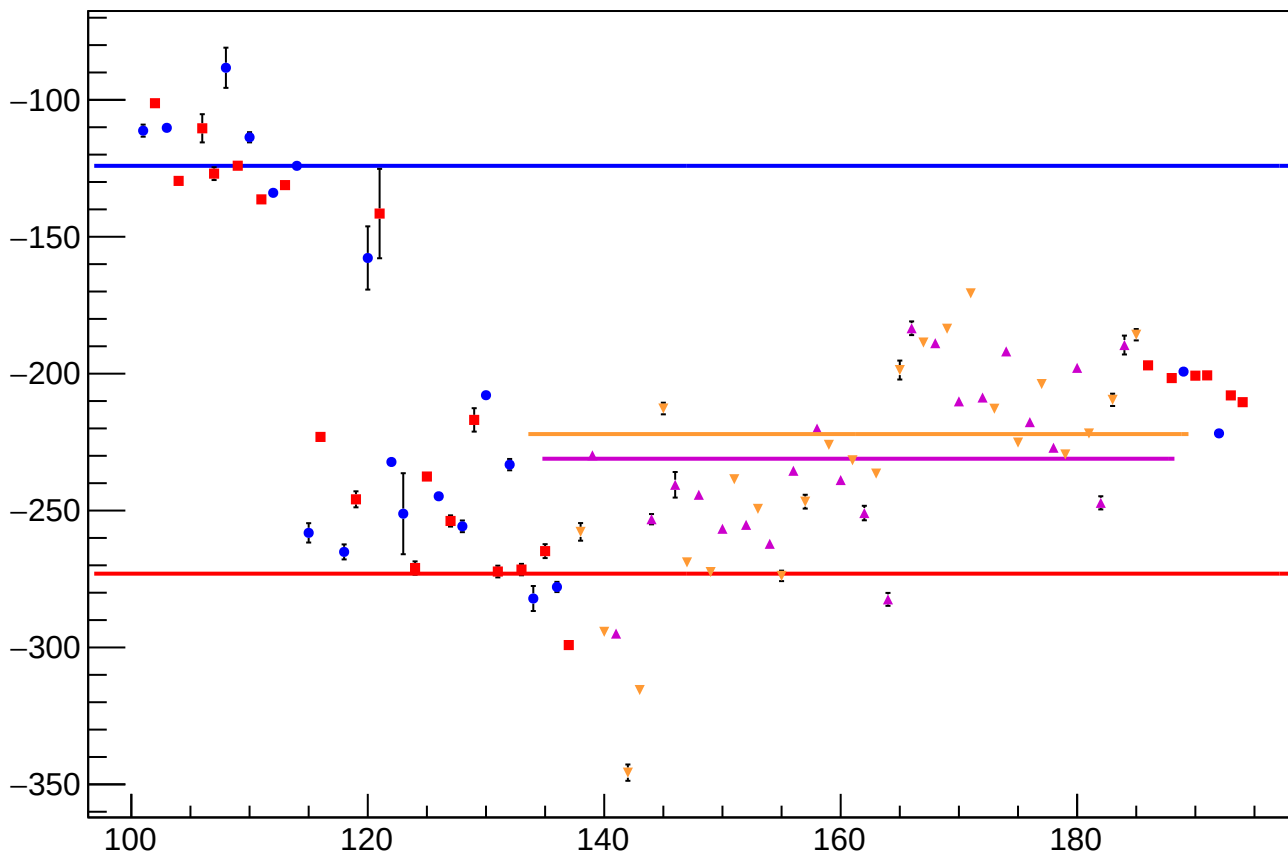
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ sign -4.139 ± 0.000 χ^2/NDF : 53008.2/43

All: -4.139 ± 0.000 χ^2/NDF : 291225.6/90

- sign 52.160 ± 0.135 χ^2/NDF : 63475.4/46

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 51609.4/18$

Left Out: -222.063 ± 0.272 $\chi^2/\text{NDF}: 15812.2/24$

Right Out: -273.046 ± 0.107 $\chi^2/\text{NDF}: 198614.4/23$

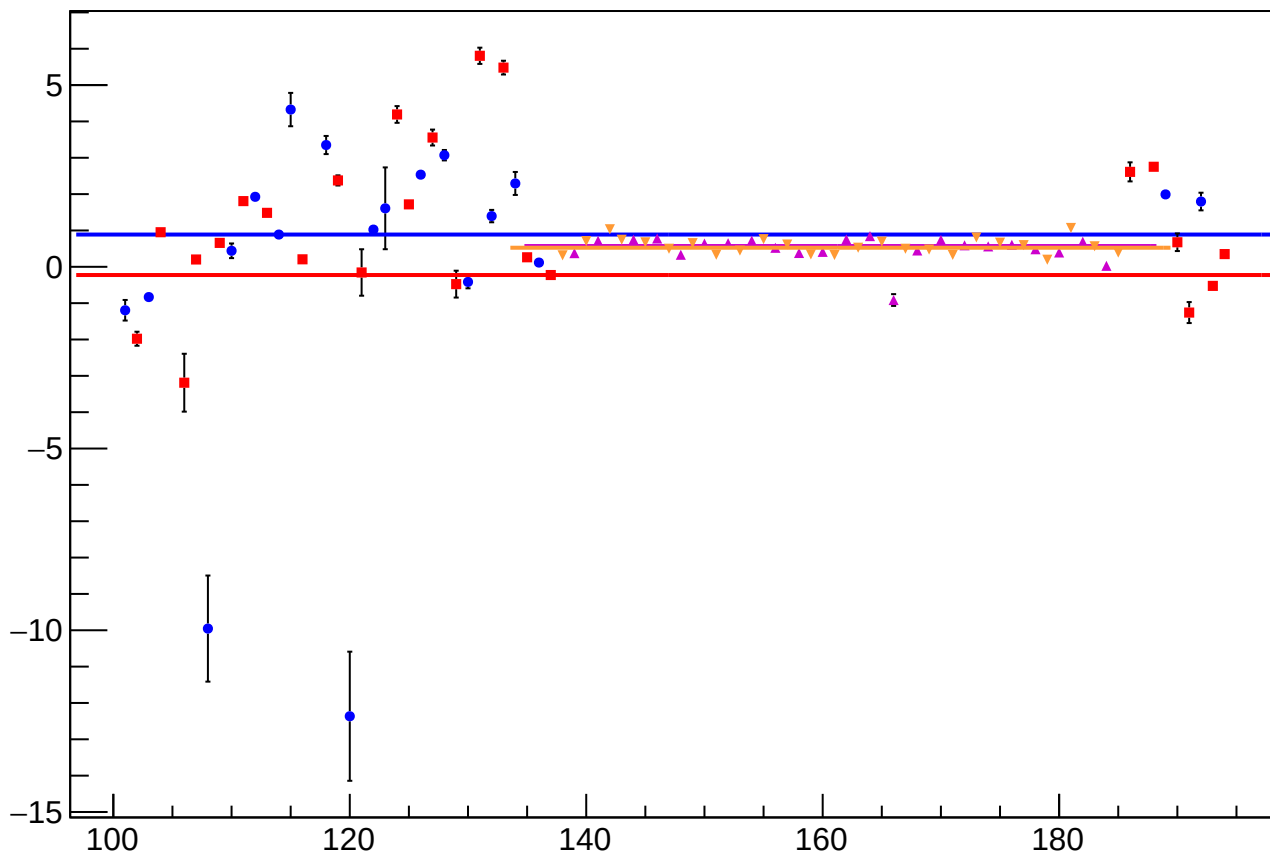
Left In: -231.069 ± 0.249 $\chi^2/\text{NDF}: 12005.6/22$

+ sign -124.095 ± 0.000 $\chi^2/\text{NDF}: 196975.9/43$

All: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2530888.4/90$

- sign -266.528 ± 0.098 $\chi^2/\text{NDF}: 234536.5/46$

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8775.4/18

Left Out: 0.525 ± 0.002 χ^2/NDF : 9207.9/24

Right Out: -0.226 ± 0.000 χ^2/NDF : 6182.5/23

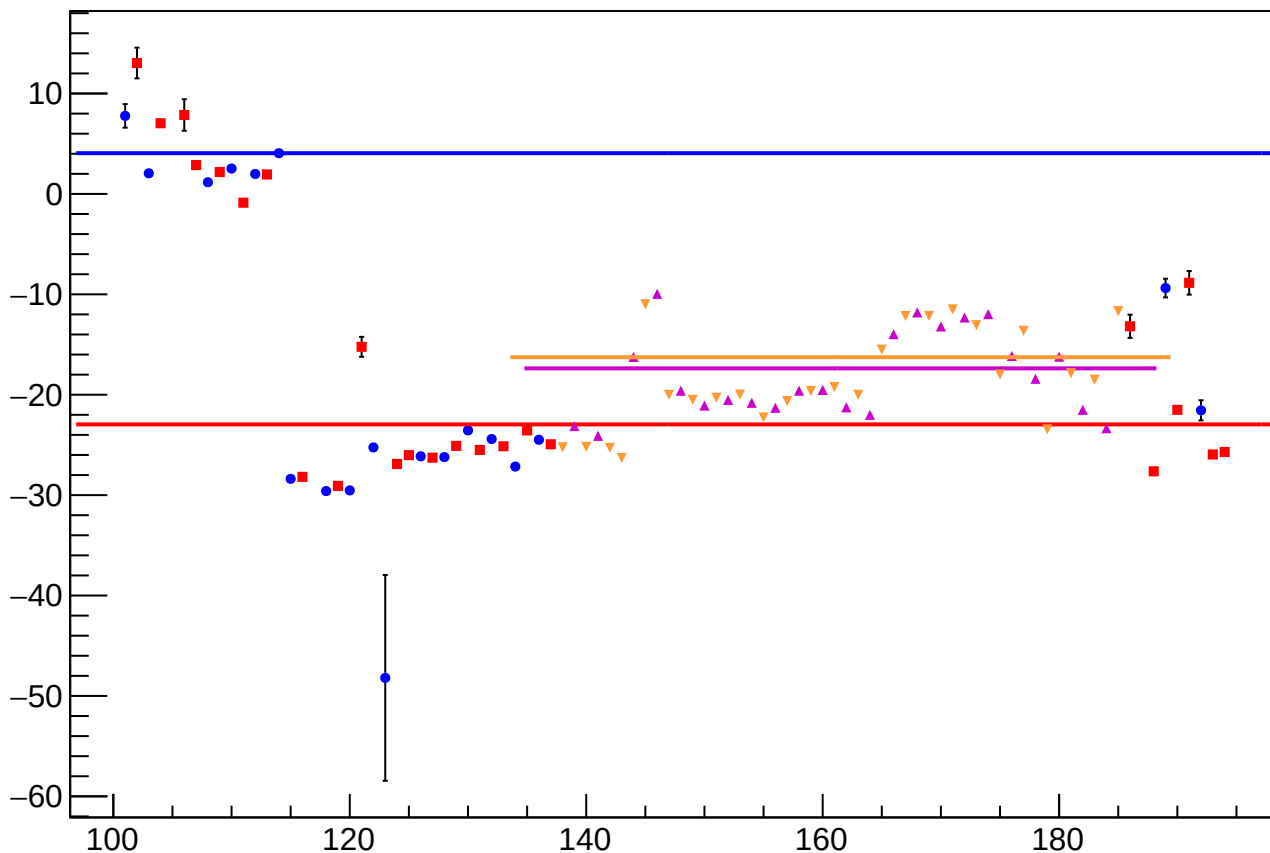
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50322.6/43

All: 0.888 ± 0.000 χ^2/NDF : 422294387.1/90

- sign -0.225 ± 0.000 χ^2/NDF : 173677.1/46

dit_sam4_4aY_slope vs Slug



Right In: 4.057 ± 0.000 χ^2/NDF : 1248749.7/18

Left Out: -16.260 ± 0.010 χ^2/NDF : 188515.0/24

Right Out: -22.956 ± 0.026 χ^2/NDF : 116636.0/23

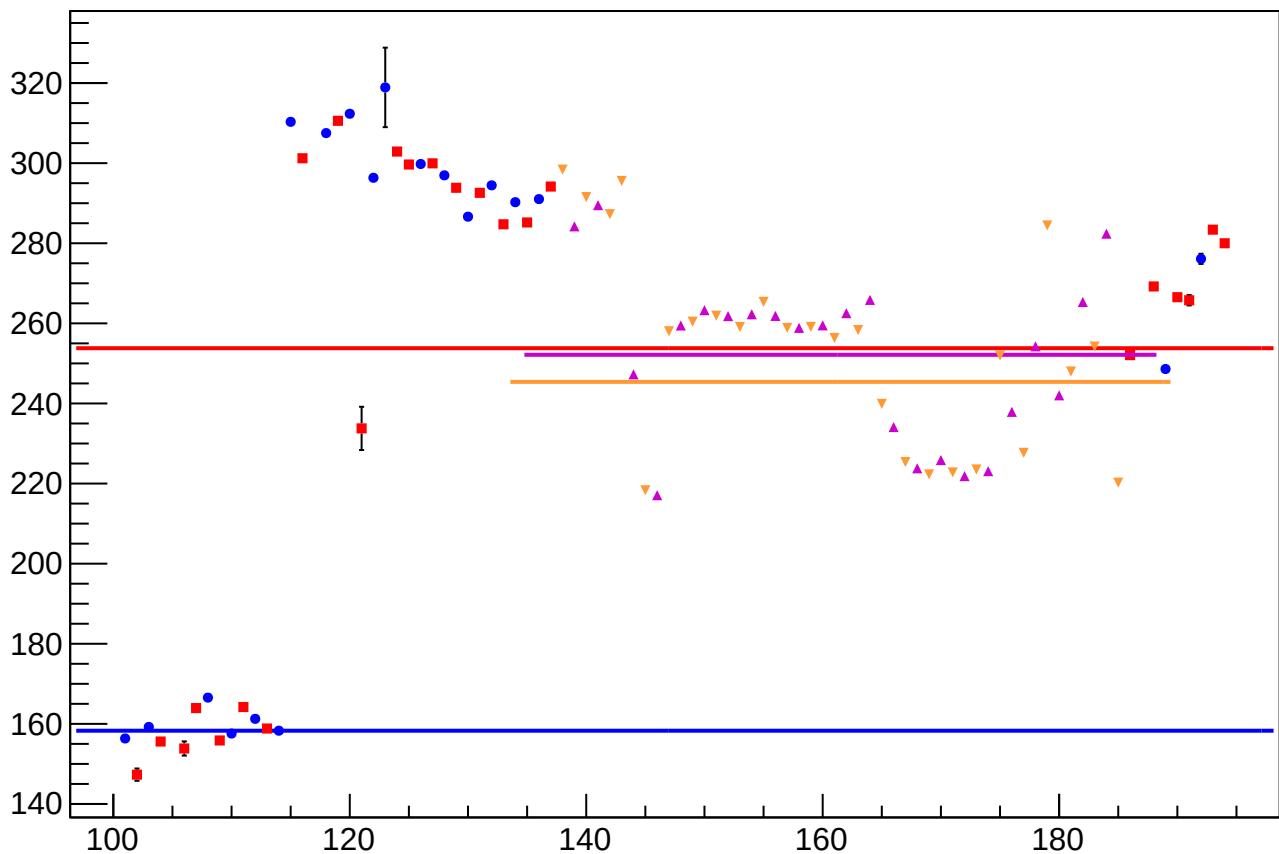
Left In: -17.374 ± 0.009 χ^2/NDF : 169487.5/22

+ sign 4.057 ± 0.000 χ^2/NDF : 5553159.8/43

All: 4.057 ± 0.000 χ^2/NDF : 12140152.1/90

- sign -18.011 ± 0.009 χ^2/NDF : 326623.6/46

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2436818.1/18

Left Out: 245.391 $\pm$ 0.027 χ^2 /NDF: 723564.6/24

Right Out: 253.794 $\pm$ 0.064 χ^2 /NDF: 947178.7/23

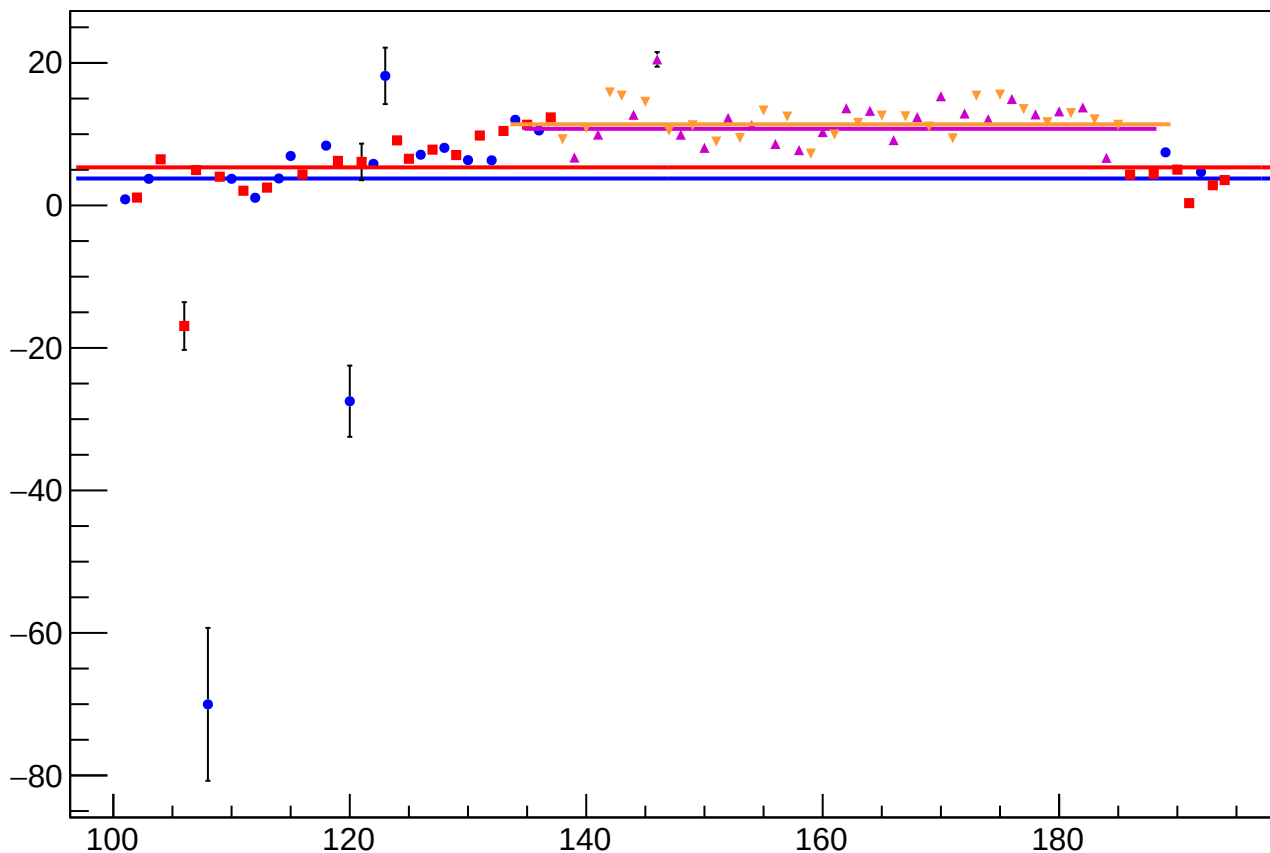
Left In: 252.148 $\pm$ 0.028 χ^2 /NDF: 359416.7/22

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 13290982.8/43

All: 158.293 $\pm$ 0.000 χ^2 /NDF: 27797100.2/90

- sign 252.419 $\pm$ 0.026 χ^2 /NDF: 1307150.5/46

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 7114.4/18

Left Out: 11.389 ± 0.030 χ^2/NDF : 4296.1/24

Right Out: 5.342 ± 0.022 χ^2/NDF : 19978.4/23

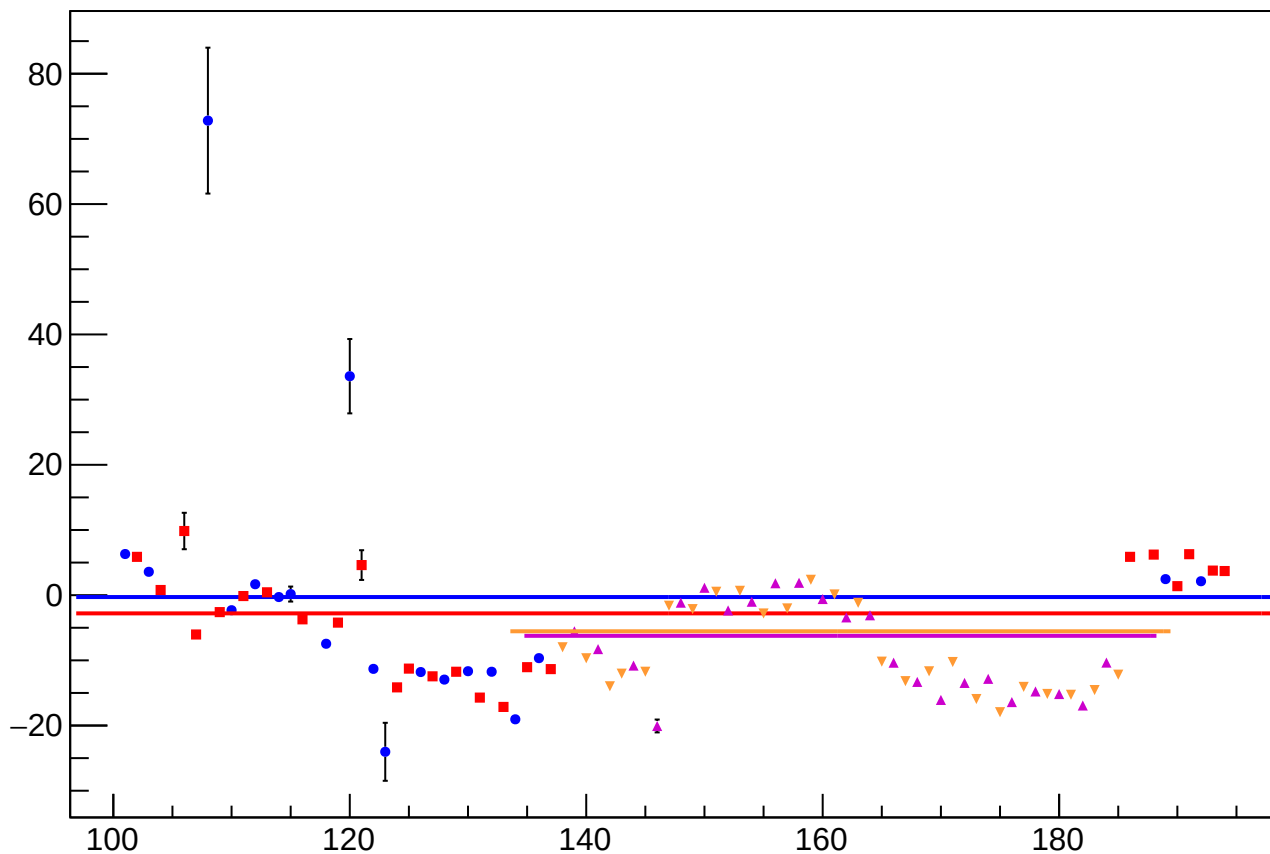
Left In: 10.753 ± 0.028 χ^2/NDF : 9950.6/22

+ sign 3.778 ± 0.000 χ^2/NDF : 75406.6/43

All: 3.778 ± 0.000 χ^2/NDF : 173581.4/90

- sign 7.471 ± 0.017 χ^2/NDF : 53054.6/46

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44560.2/18

Left Out: -5.539 ± 0.030 χ^2/NDF : 43439.8/24

Right Out: -2.793 ± 0.023 χ^2/NDF : 105083.6/23

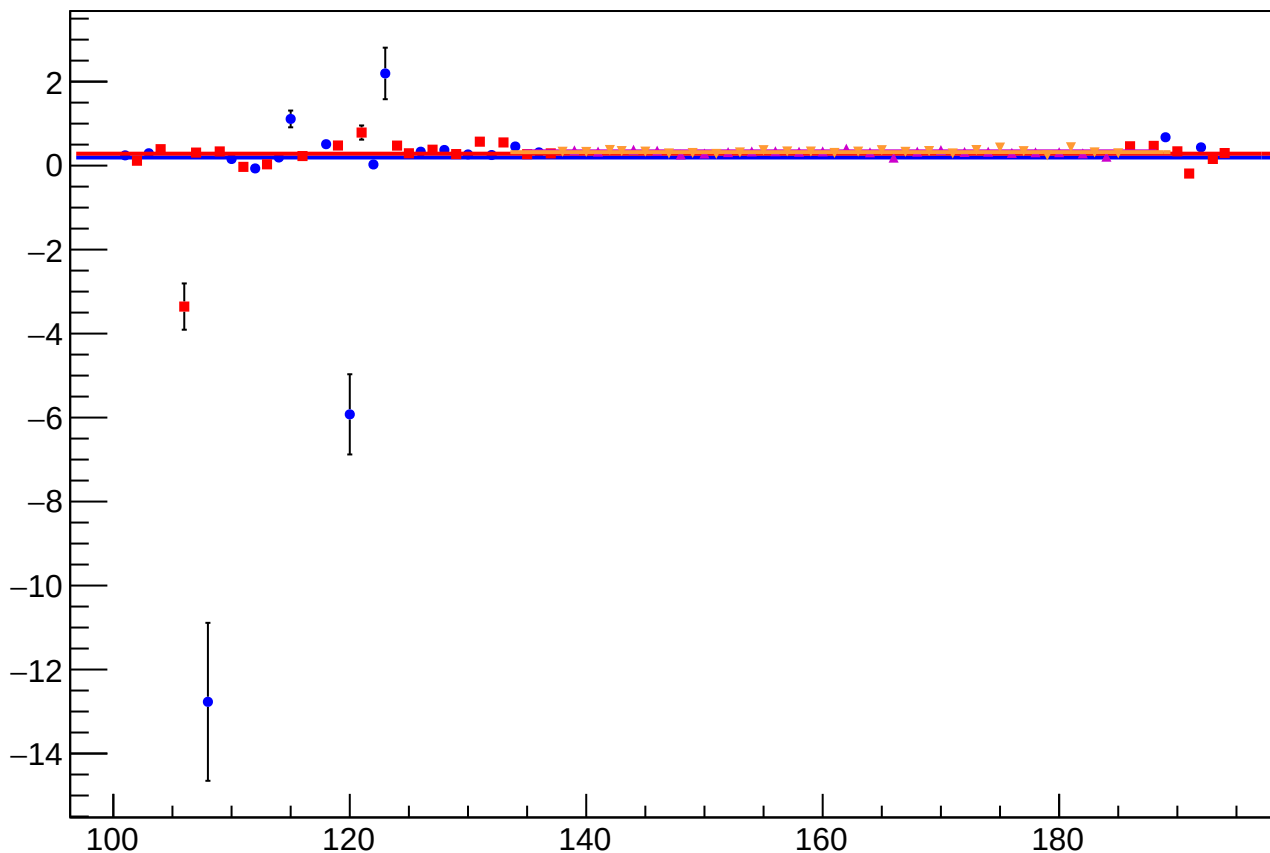
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ sign -0.287 ± 0.000 χ^2/NDF : 118442.5/43

All: -0.287 ± 0.000 χ^2/NDF : 337263.0/90

- sign -4.155 ± 0.018 χ^2/NDF : 171416.0/46

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10598.8/18

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF: 3374.4/24

Right Out: 0.284 $\pm$ 0.001 χ^2 /NDF: 6828.5/23

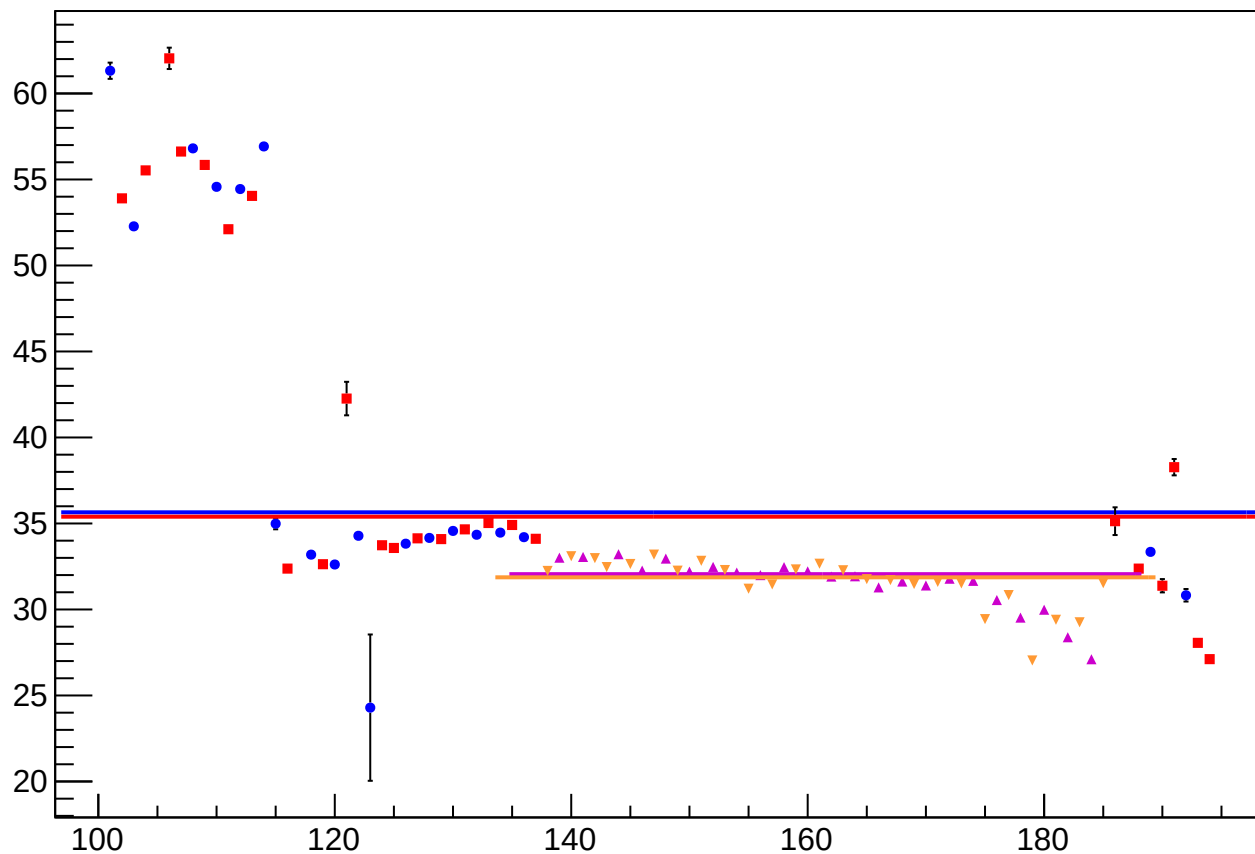
Left In: 0.340 $\pm$ 0.001 χ^2 /NDF: 4171.9/22

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 77189.9/43

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 168848.5/90

- sign 0.333 $\pm$ 0.000 χ^2 /NDF: 12351.7/46

dit_sam5_4aY_slope vs Slug



Right In: 35.648 $\pm$ 0.011 χ^2 /NDF: 219035.7/18

Left Out: 31.869 $\pm$ 0.003 χ^2 /NDF: 61955.3/24

Right Out: 35.395 $\pm$ 0.011 χ^2 /NDF: 271500.4/23

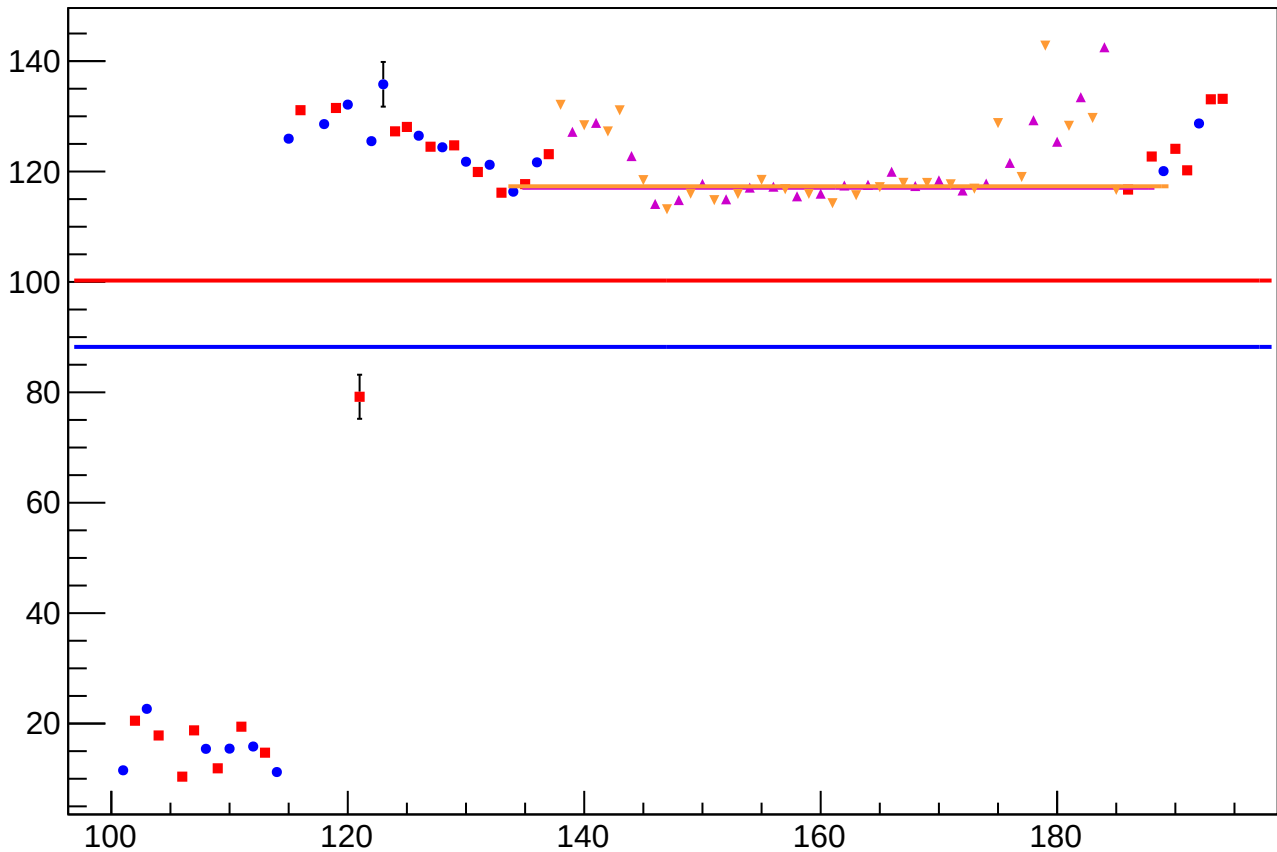
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ sign 32.134 $\pm$ 0.003 χ^2 /NDF: 384381.0/43

All: 32.241 $\pm$ 0.002 χ^2 /NDF: 780365.7/90

- sign 32.365 $\pm$ 0.003 χ^2 /NDF: 393268.9/46

dit_sam5_4eY_slope vs Slug



Right In: 88.229+/-0.031 χ^2/NDF : 2467925.5/18

Left Out: 117.323+/-0.008 χ^2/NDF : 172684.3/24

Right Out: 100.249+/-0.027 χ^2/NDF : 3216731.8/23

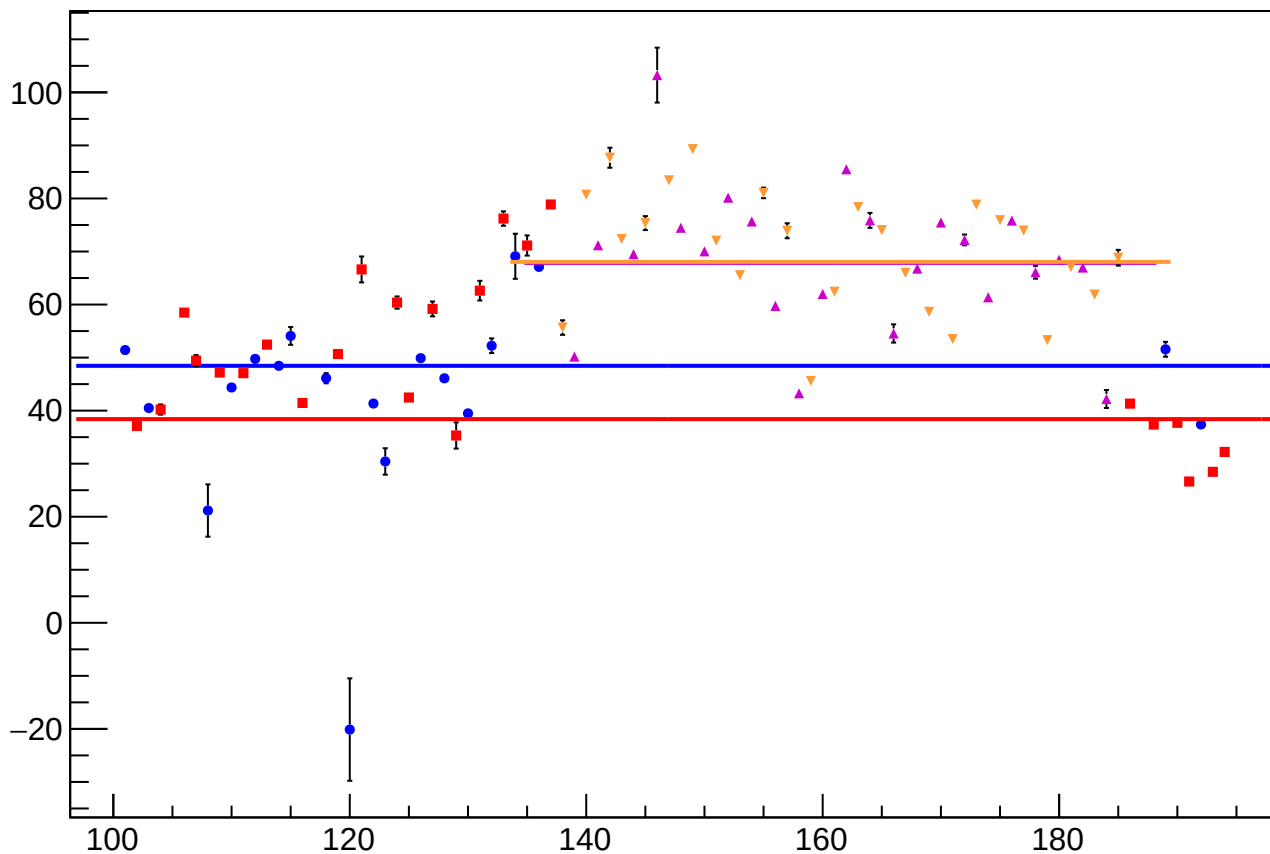
Left In: 117.061+/-0.009 χ^2/NDF : 62905.3/22

+ sign 115.594+/-0.008 χ^2/NDF : 3458268.2/43

All: 115.508+/-0.006 χ^2/NDF : 7097232.6/90

- sign 115.403+/-0.008 χ^2/NDF : 3638680.0/46

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2 /NDF: 3087.7/18

Left Out: 68.044+/-0.132 χ^2 /NDF:6670.6/24

Right Out: 38.402+/-0.092 χ^2 /NDF: 13591.1/23

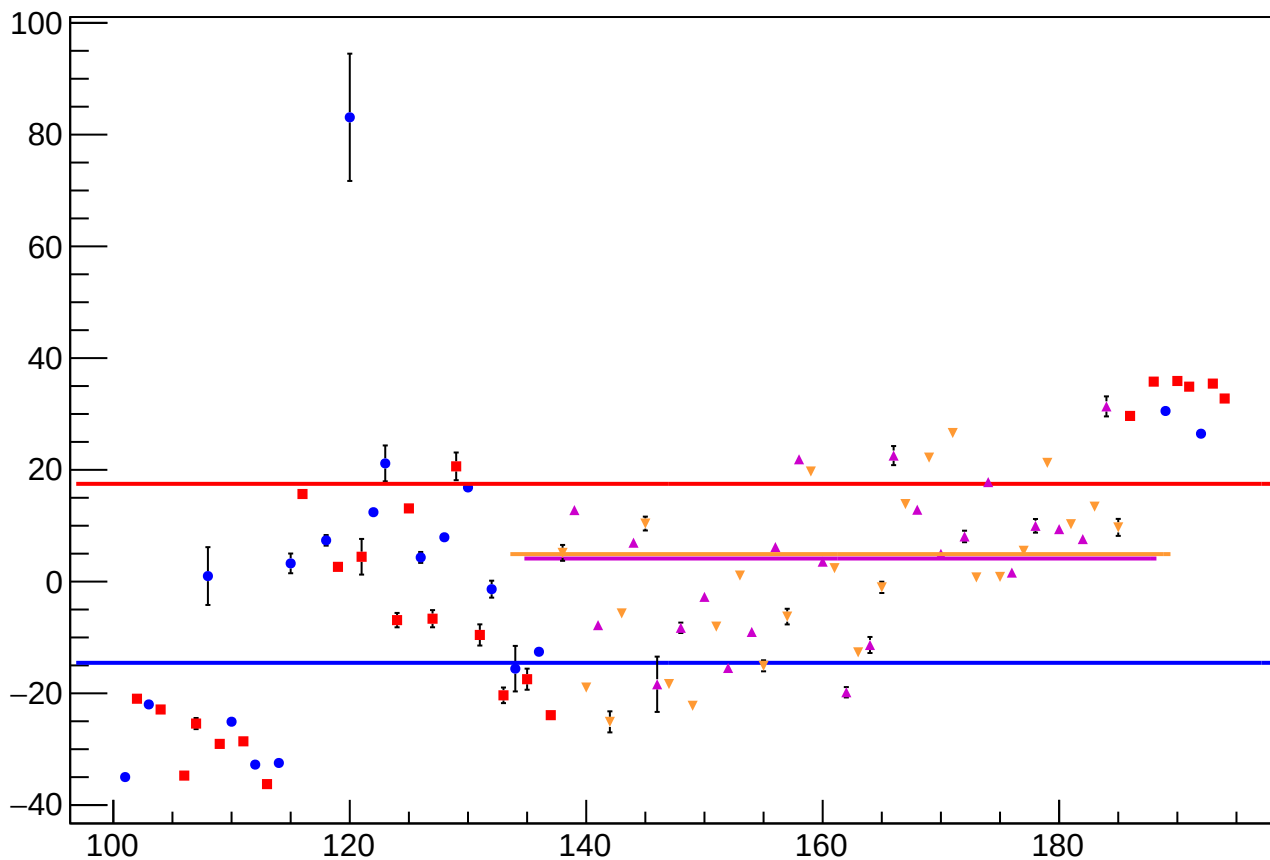
Left In: 67.852+/-0.126 χ^2 /NDF:5519.9/22

+ sign 48.450+/-0.000 χ^2 /NDF: 31709.6/43

All: 48.450+/-0.000 χ^2 /NDF: 86651.9/90

- sign 48.657+/-0.074 χ^2 /NDF: 54934.5/46

dit_sam6_4eX_slope vs Slug



Right In: -14.539 ± 0.142 χ^2/NDF : 20859.7/18

Left Out: 4.920 ± 0.132 χ^2/NDF : 10378.5/24

Right Out: 17.495 ± 0.082 χ^2/NDF : 97474.7/23

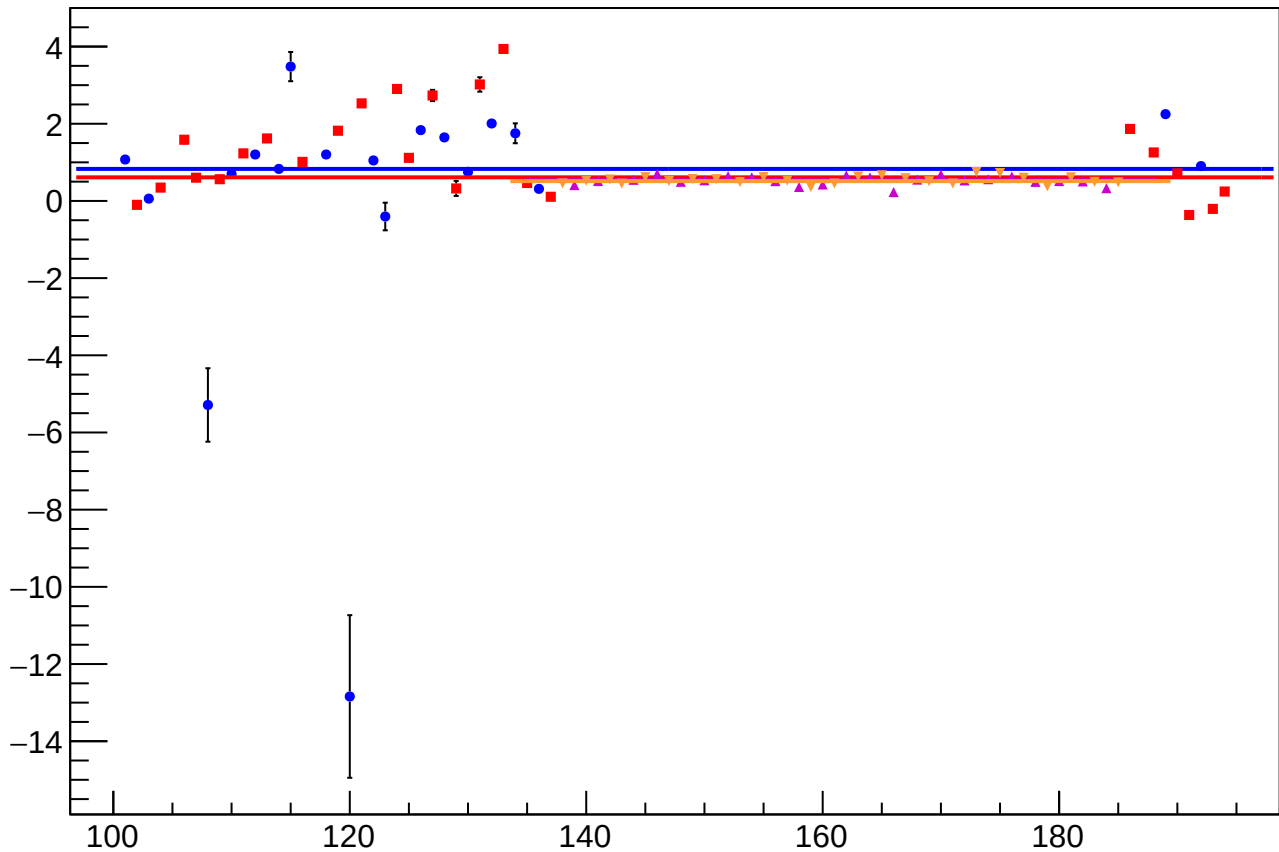
Left In: 4.129 ± 0.127 χ^2/NDF : 6161.4/22

+ sign -4.147 ± 0.097 χ^2/NDF : 41332.5/43

All: 7.589 ± 0.056 χ^2/NDF : 175048.8/90

- sign 13.556 ± 0.069 χ^2/NDF : 111459.2/46

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 15203.0/18

Left Out: 0.513 ± 0.001 χ^2/NDF : 15206.1/24

Right Out: 0.611 ± 0.006 χ^2/NDF : 9081.8/23

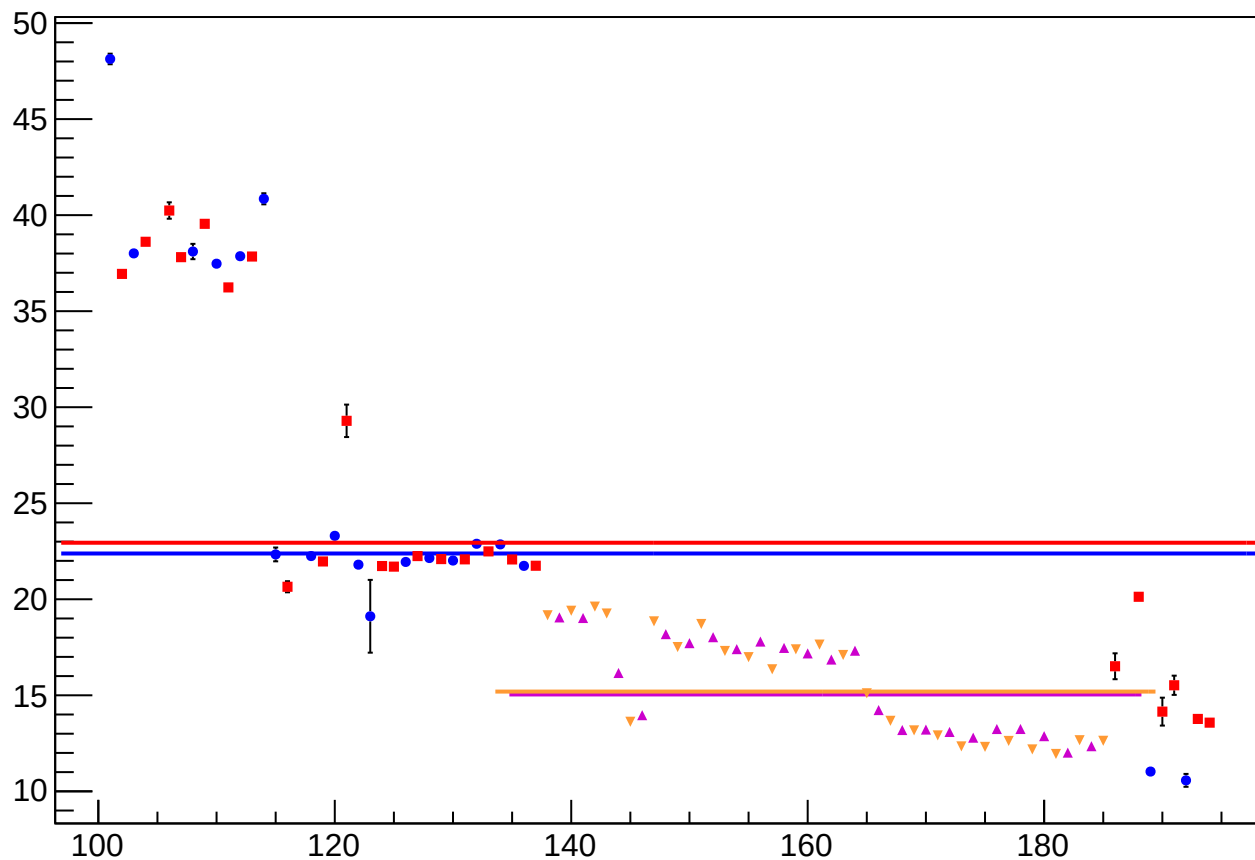
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ sign 0.830 ± 0.000 χ^2/NDF : 138614.9/43

All: 0.830 ± 0.000 χ^2/NDF : 276131.9/90

- sign 0.538 ± 0.001 χ^2/NDF : 21010.2/46

dit_sam6_4aY_slope vs Slug



Right In: 22.383 $\pm$ 0.009 χ^2 /NDF: 126757.5/18

Left Out: 15.194 $\pm$ 0.004 χ^2 /NDF: 417095.1/24

Right Out: 22.943 $\pm$ 0.009 χ^2 /NDF: 170065.8/23

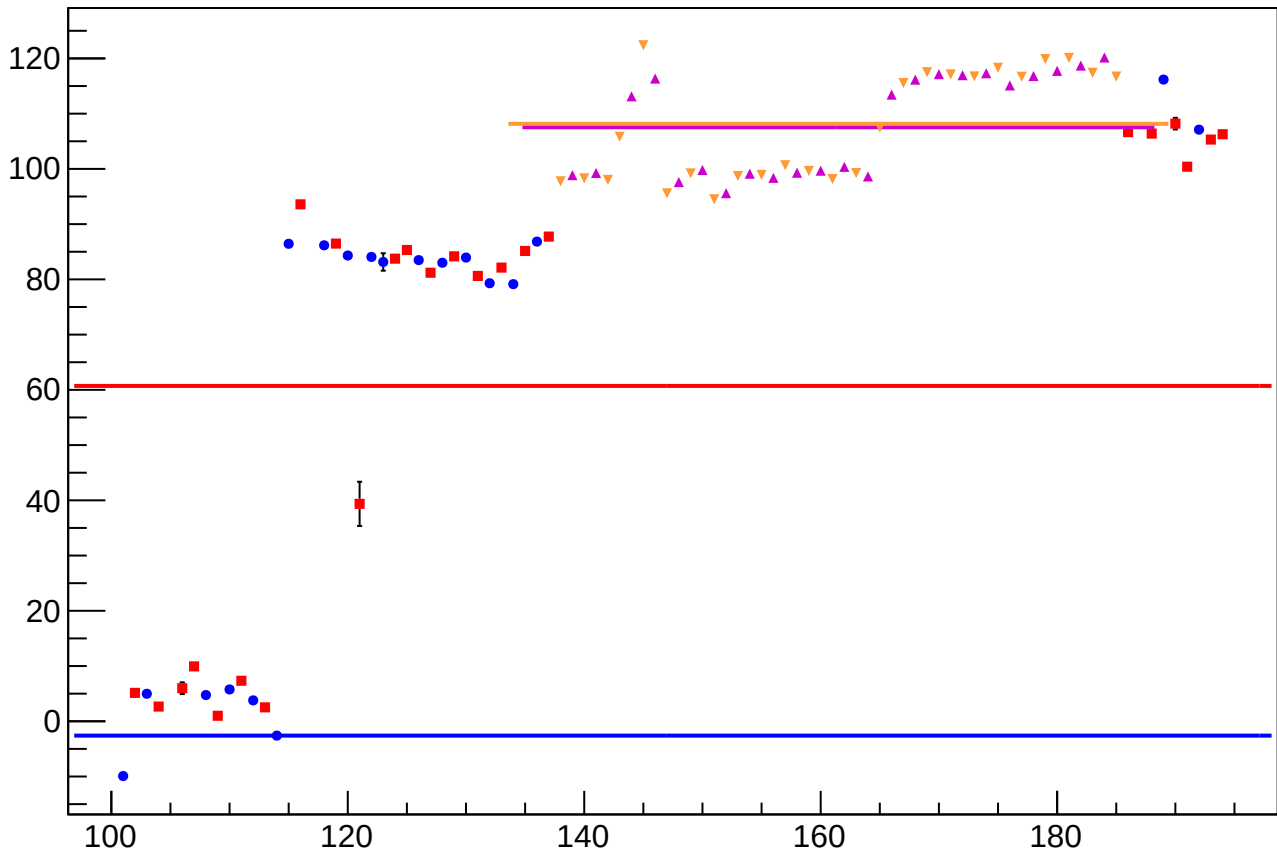
Left In: 15.044 $\pm$ 0.005 χ^2 /NDF: 285851.6/22

+ sign 16.457 $\pm$ 0.004 χ^2 /NDF: 1042279.2/43

All: 16.566 $\pm$ 0.003 χ^2 /NDF: 2108371.4/90

- sign 16.688 $\pm$ 0.004 χ^2 /NDF: 1064418.8/46

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7868227.6/18

Left Out: 108.162+/-0.009 χ^2/NDF : 1076822.4/24

Right Out: 60.712+/-0.031 χ^2/NDF : 1620339.6/23

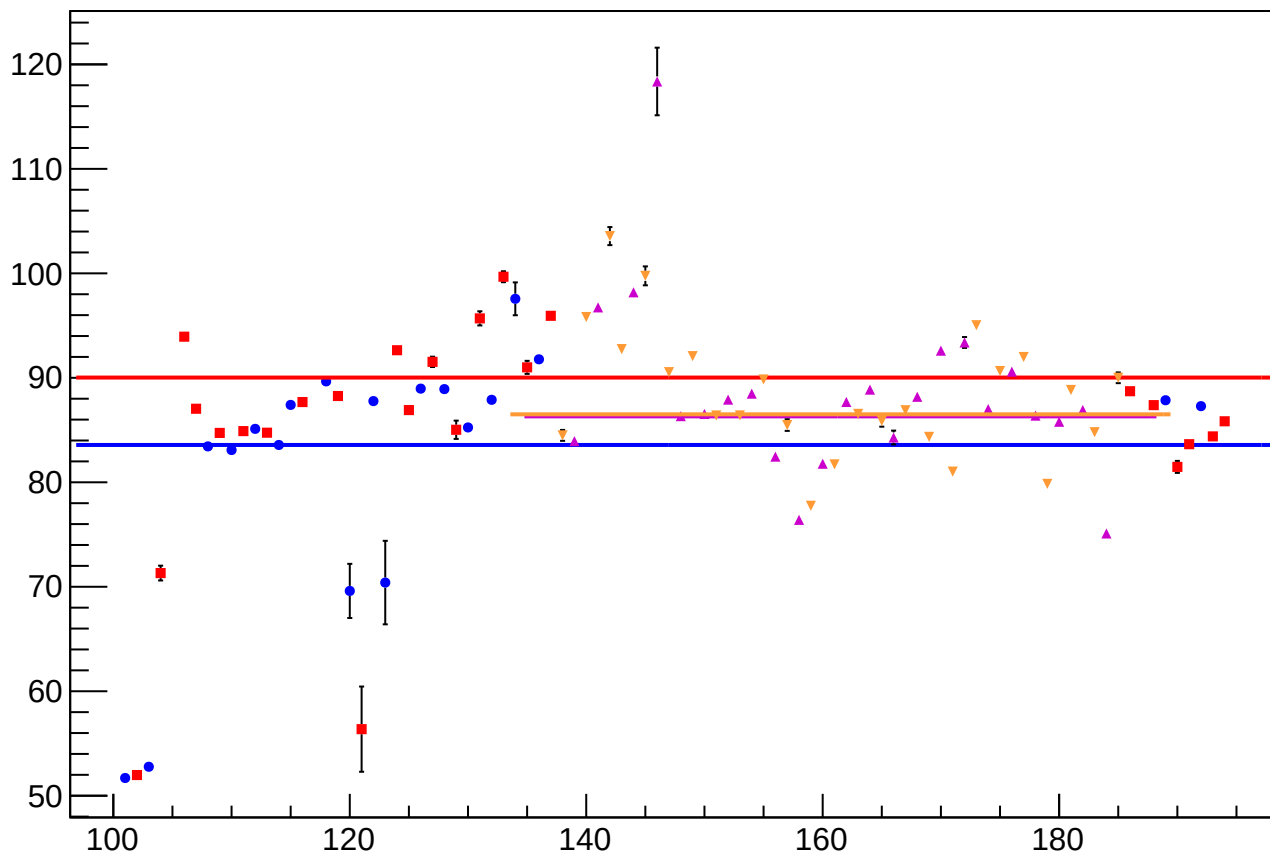
Left In: 107.543+/-0.009 χ^2/NDF : 988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF : 150656209.9/43

All: -2.596+/-0.000 χ^2/NDF : 296998629.2/90

- sign 103.662+/-0.009 χ^2/NDF : 4700128.2/46

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 50046.2/18

Left Out: 86.505+/-0.060 χ^2/NDF : 8553.0/24

Right Out: 90.025+/-0.021 χ^2/NDF : 76534.1/23

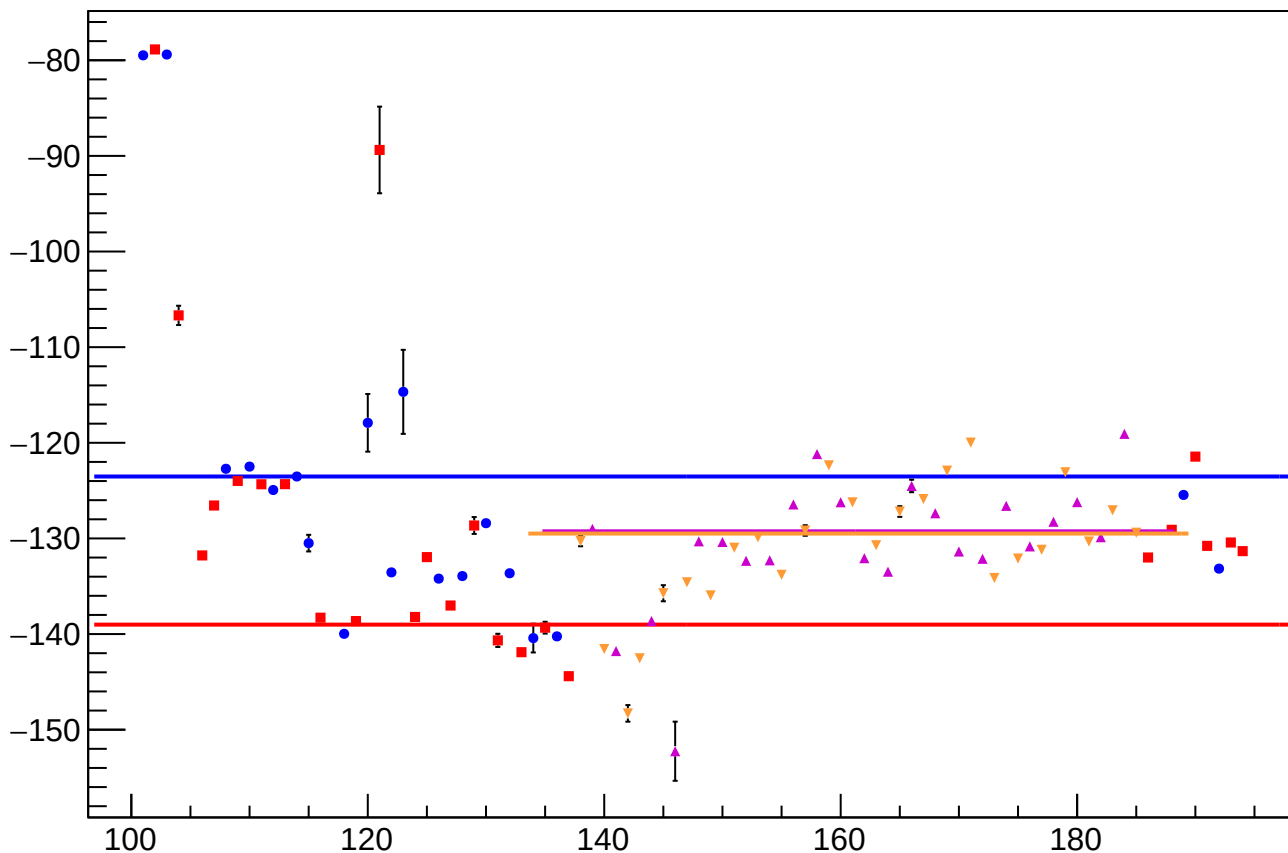
Left In: 86.310+/-0.051 χ^2/NDF : 8666.5/22

+ sign 83.573+/-0.000 χ^2/NDF : 60993.4/43

All: 83.573+/-0.000 χ^2/NDF : 244117.0/90

- sign 89.497+/-0.019 χ^2/NDF : 89677.1/46

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF : 162821.1/18

Left Out: -129.492+/-0.059 χ^2/NDF : 10775.3/24

Right Out: -139.014+/-0.017 χ^2/NDF : 288907.7/23

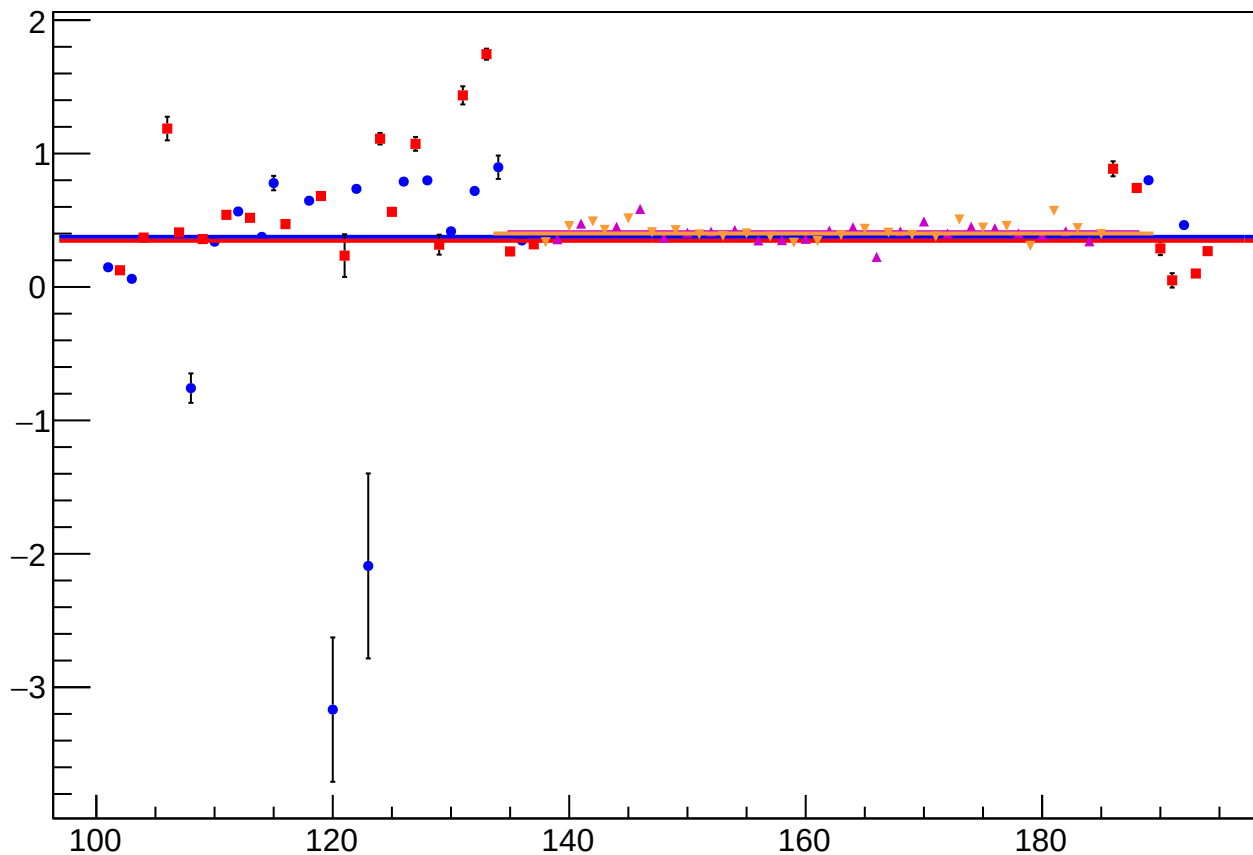
Left In: -129.256+/-0.052 χ^2/NDF : 6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF : 183756.2/43

All: -123.524+/-0.000 χ^2/NDF : 1349619.5/90

- sign -138.085+/-0.016 χ^2/NDF : 327889.5/46

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 4114.4/18

Left Out: 0.401 $\pm$ 0.000 χ^2 /NDF: 9030.9/24

Right Out: 0.346 $\pm$ 0.001 χ^2 /NDF: 6147.9/23

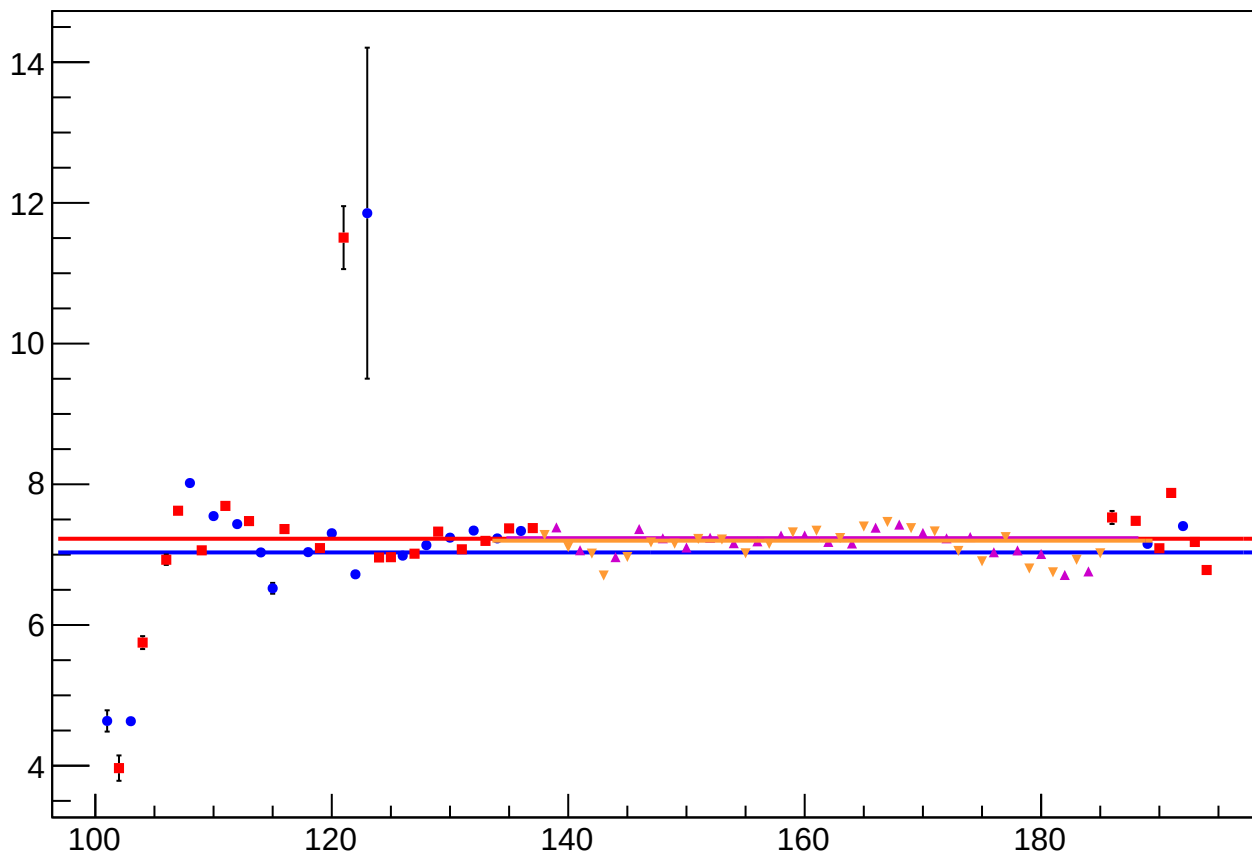
Left In: 0.410 $\pm$ 0.000 χ^2 /NDF: 8478.2/22

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 15654.8/43

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 36582.9/90

- sign 0.405 $\pm$ 0.000 χ^2 /NDF: 16388.0/46

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19951.1/18

Left Out: 7.199 $\pm$ 0.001 χ^2 /NDF: 37453.7/24

Right Out: 7.226 $\pm$ 0.002 χ^2 /NDF: 9657.7/23

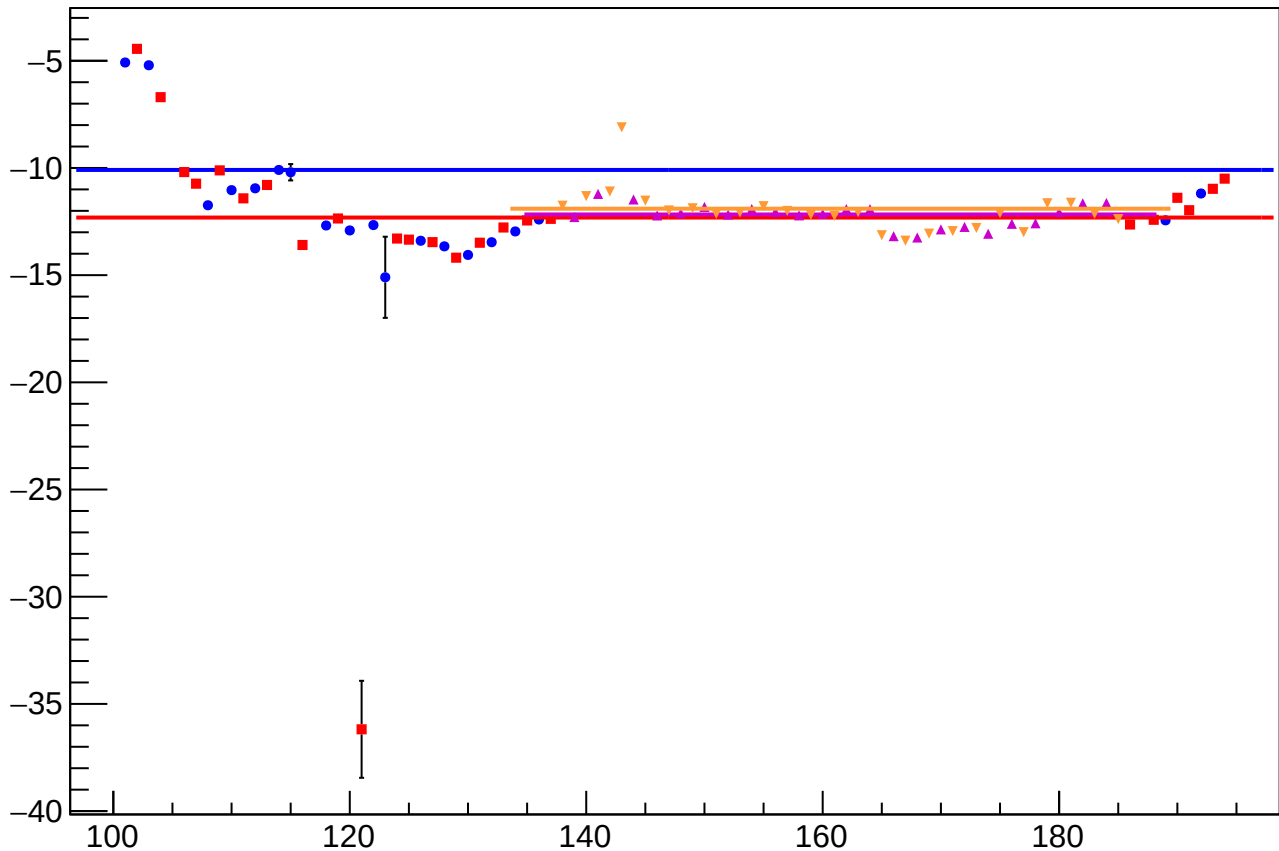
Left In: 7.233 $\pm$ 0.001 χ^2 /NDF: 23085.0/22

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 91755.9/43

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 190347.9/90

- sign 7.232 $\pm$ 0.001 χ^2 /NDF: 32750.8/46

dit_sam7_4eY_slope vs Slug



Right In: -10.092±/0.000 χ^2/NDF : 545965.9/18

Left Out: -11.899±/0.002 χ^2/NDF : 498866.6/24

Right Out: -12.313±/0.003 χ^2/NDF : 127222.7/23

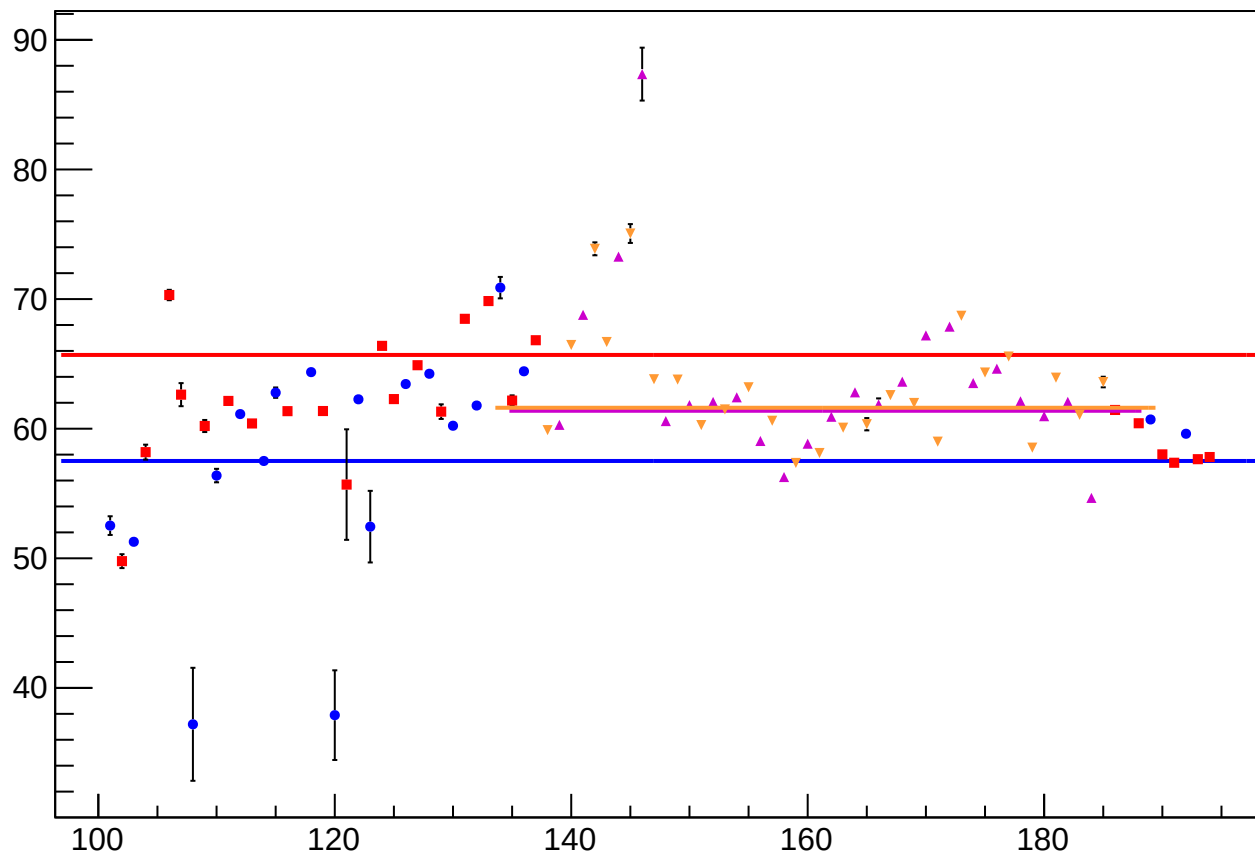
Left In: -12.169±/0.002 χ^2/NDF : 49568.3/22

+ sign -10.092±/0.000 χ^2/NDF : 2187929.6/43

All: -10.092±/0.000 χ^2/NDF : 4260870.2/90

- sign -12.197±/0.002 χ^2/NDF : 178185.9/46

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 $\chi^2/\text{NDF}: 9257.2/18$

Left Out: 61.615 ± 0.039 $\chi^2/\text{NDF}: 7756.9/24$

Right Out: 65.690 ± 0.012 $\chi^2/\text{NDF}: 54695.1/23$

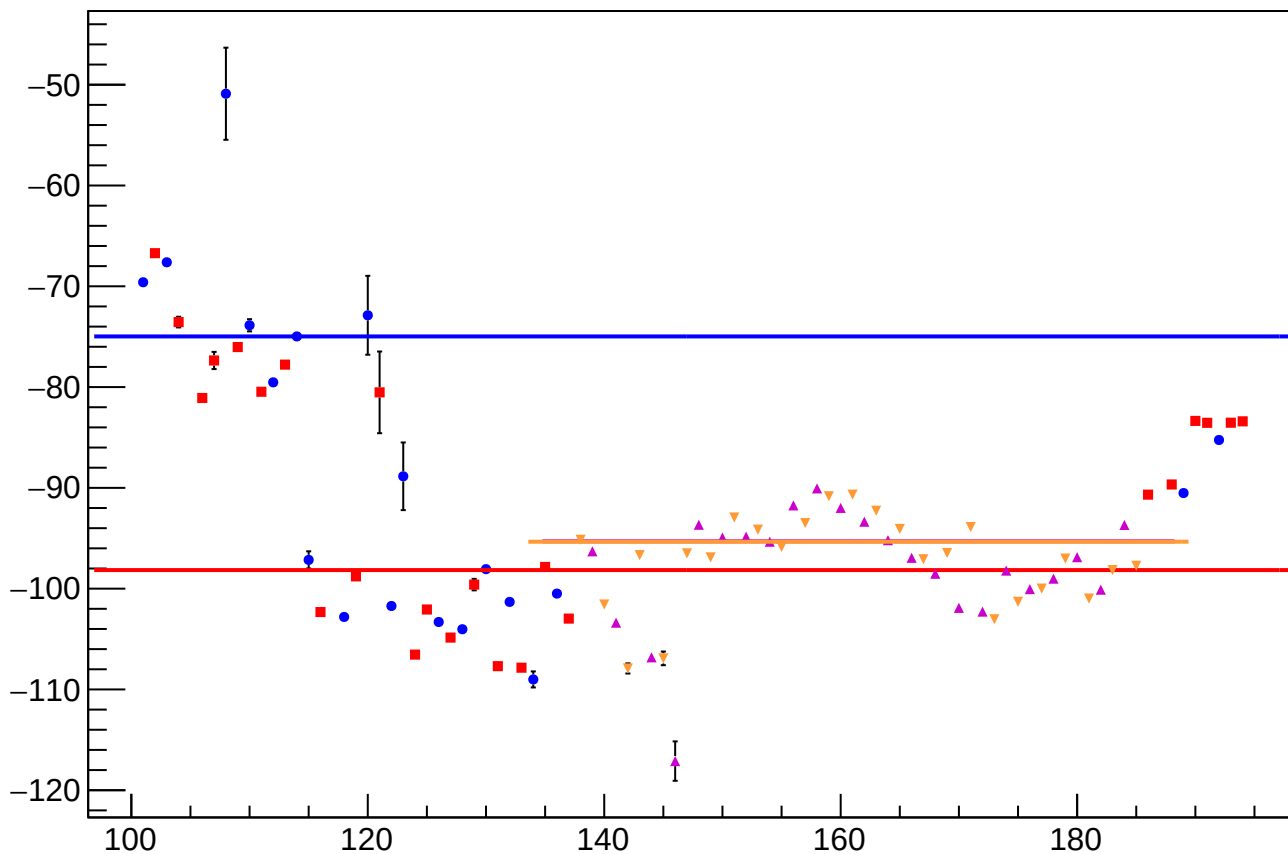
Left In: 61.383 ± 0.033 $\chi^2/\text{NDF}: 8900.0/22$

+ sign 57.510 ± 0.000 $\chi^2/\text{NDF}: 28155.0/43$

All: 57.510 ± 0.000 $\chi^2/\text{NDF}: 548547.0/90$

- sign 65.153 ± 0.012 $\chi^2/\text{NDF}: 78913.1/46$

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 χ^2/NDF : 148262.6/18

Left Out: -95.342 ± 0.039 χ^2/NDF : 9387.4/24

Right Out: -98.157 ± 0.015 χ^2/NDF : 290853.4/23

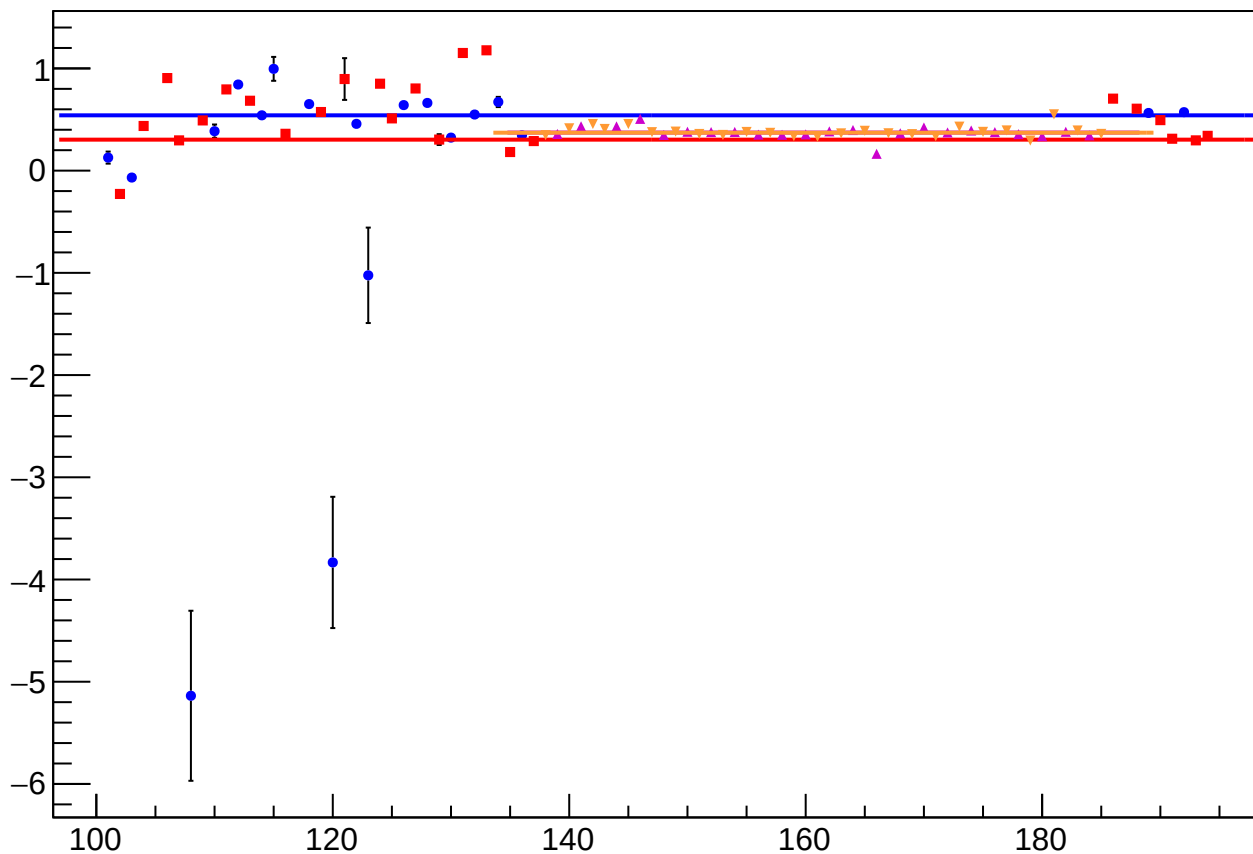
Left In: -95.301 ± 0.033 χ^2/NDF : 11271.5/22

+ sign -74.974 ± 0.000 χ^2/NDF : 434611.3/43

All: -74.974 ± 0.000 χ^2/NDF : 3350714.2/90

- sign -97.647 ± 0.014 χ^2/NDF : 308202.4/46

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29183.6/18

Left Out: 0.371 ± 0.000 χ^2/NDF : 6797.7/24

Right Out: 0.303 ± 0.001 χ^2/NDF : 10865.6/23

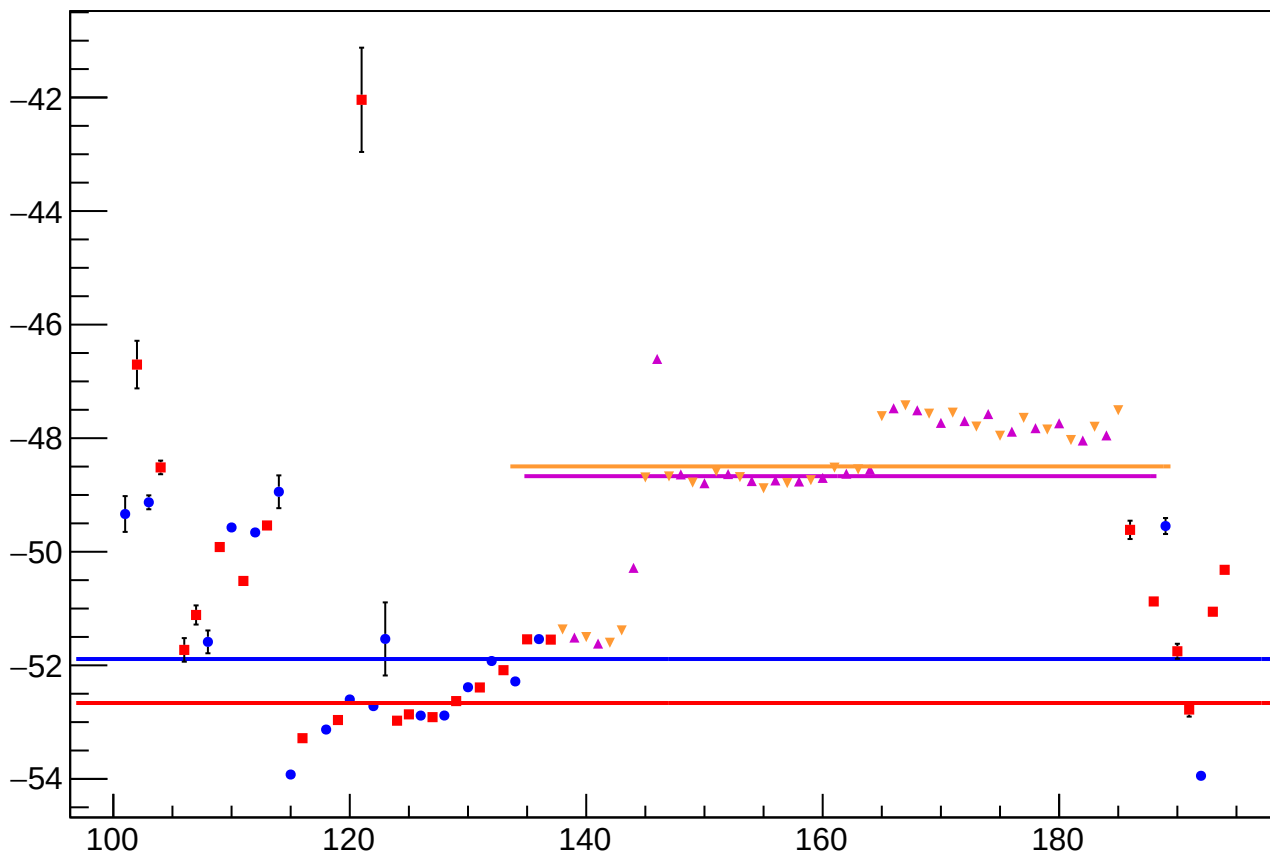
Left In: 0.372 ± 0.000 χ^2/NDF : 6020.6/22

+ sign 0.541 ± 0.000 χ^2/NDF : 247294.8/43

All: 0.541 ± 0.000 χ^2/NDF : 651745.8/90

- sign 0.363 ± 0.000 χ^2/NDF : 23403.4/46

dit_sam8_4aY_slope vs Slug



Right In: -51.889 ± 0.002 χ^2/NDF : 78407.8/18

Left Out: -48.497 ± 0.001 χ^2/NDF : 699790.4/24

Right Out: -52.663 ± 0.003 χ^2/NDF : 62687.9/23

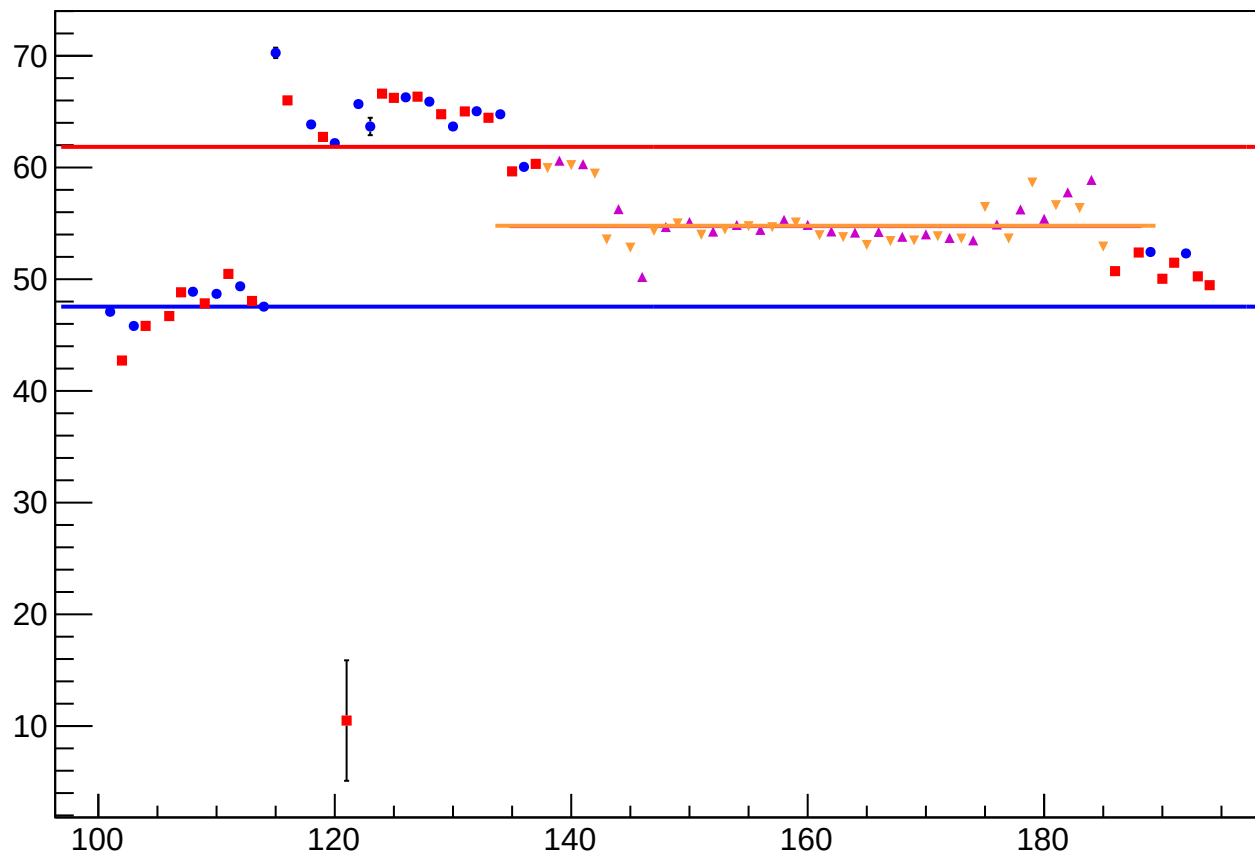
Left In: -48.669 ± 0.001 χ^2/NDF : 809321.2/22

+ sign -49.129 ± 0.001 χ^2/NDF : 2665586.1/43

All: -49.137 ± 0.001 χ^2/NDF : 5705192.8/90

- sign -49.144 ± 0.001 χ^2/NDF : 3039463.8/46

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3606998.9/18

Left Out: 54.787 $\pm$ 0.003 χ^2 /NDF:301226.3/24

Right Out: 61.849 $\pm$ 0.007 χ^2 /NDF: 623892.3/23

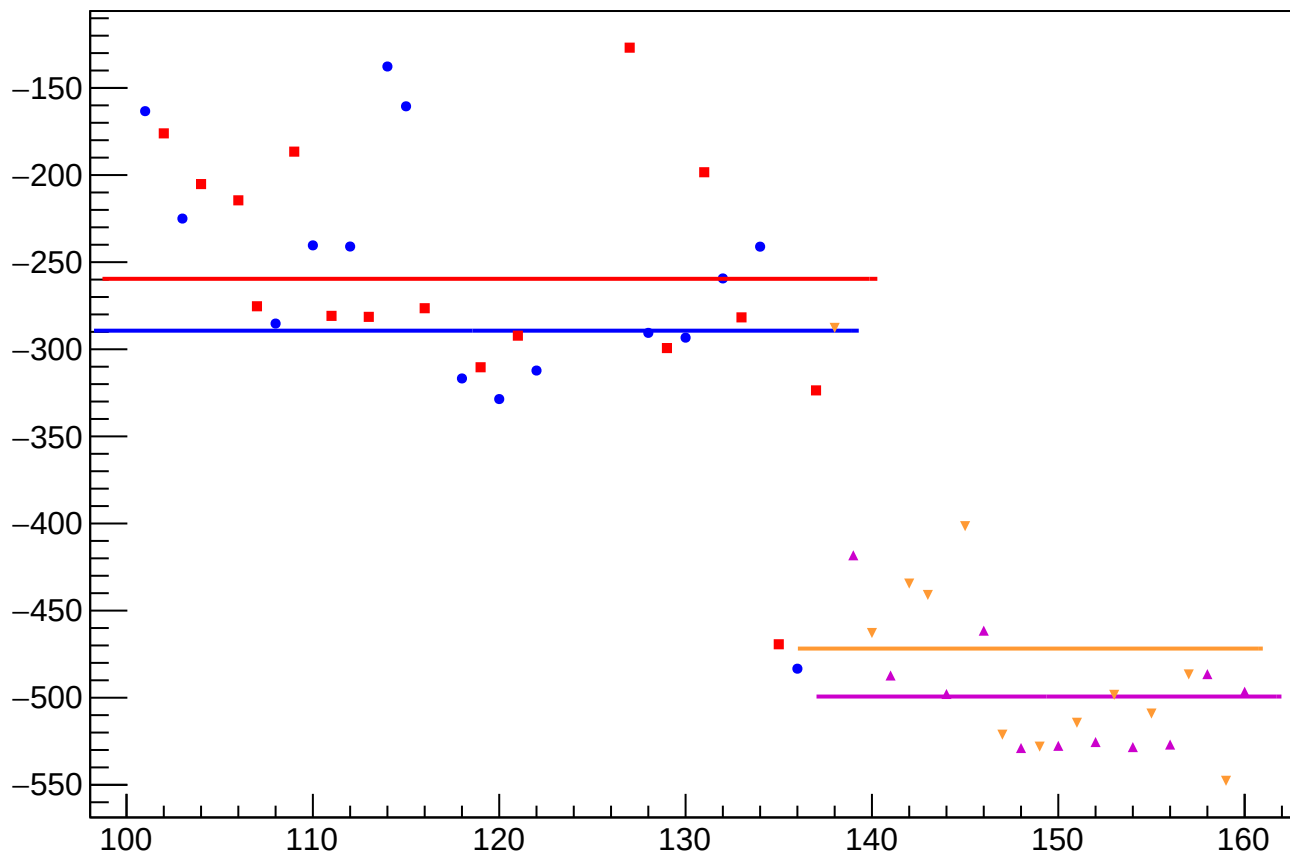
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF:100763.3/22

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9955849.7/43

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 22390445.9/90

- sign 55.597 $\pm$ 0.002 χ^2 /NDF: 1603674.9/46

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -471.791+/-0.000 χ^2/NDF : 4407577357733372304653153526381281280.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

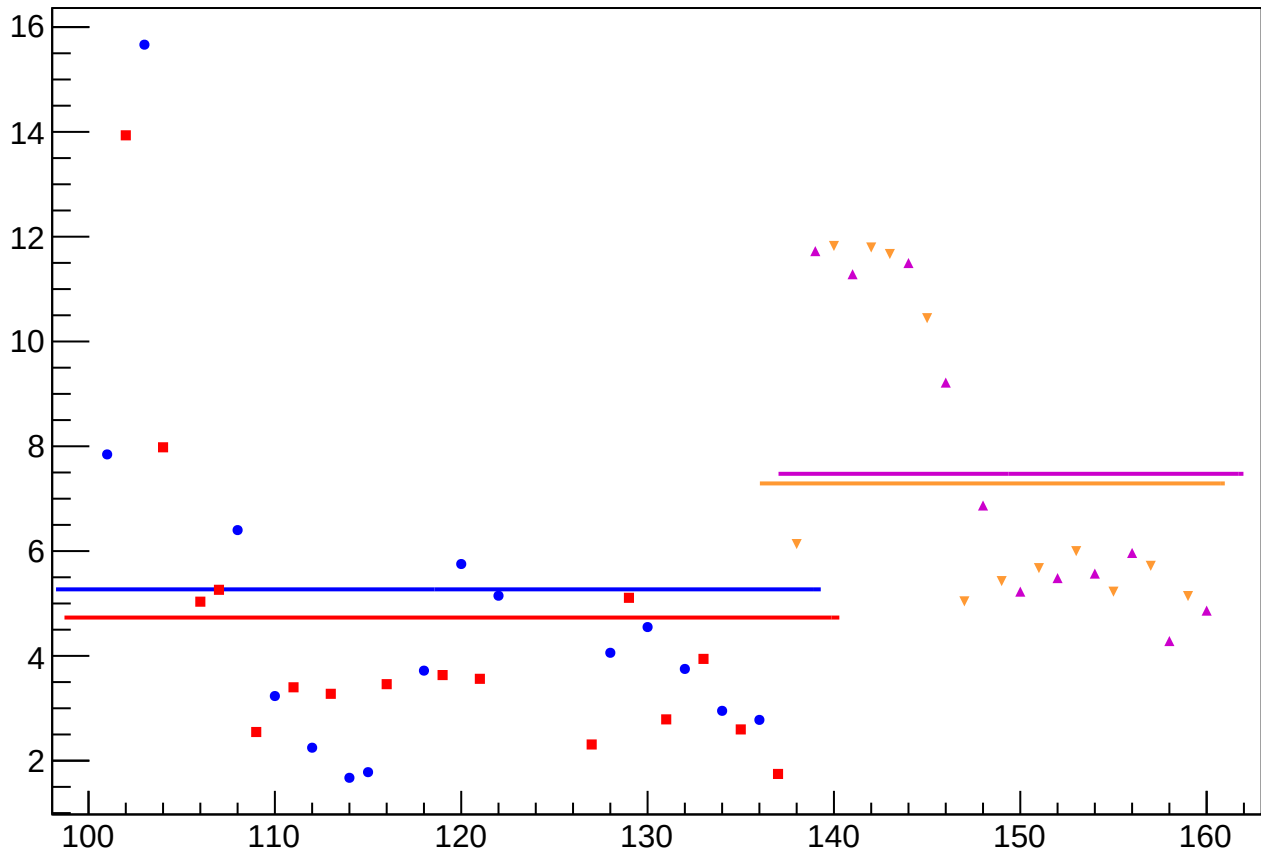
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

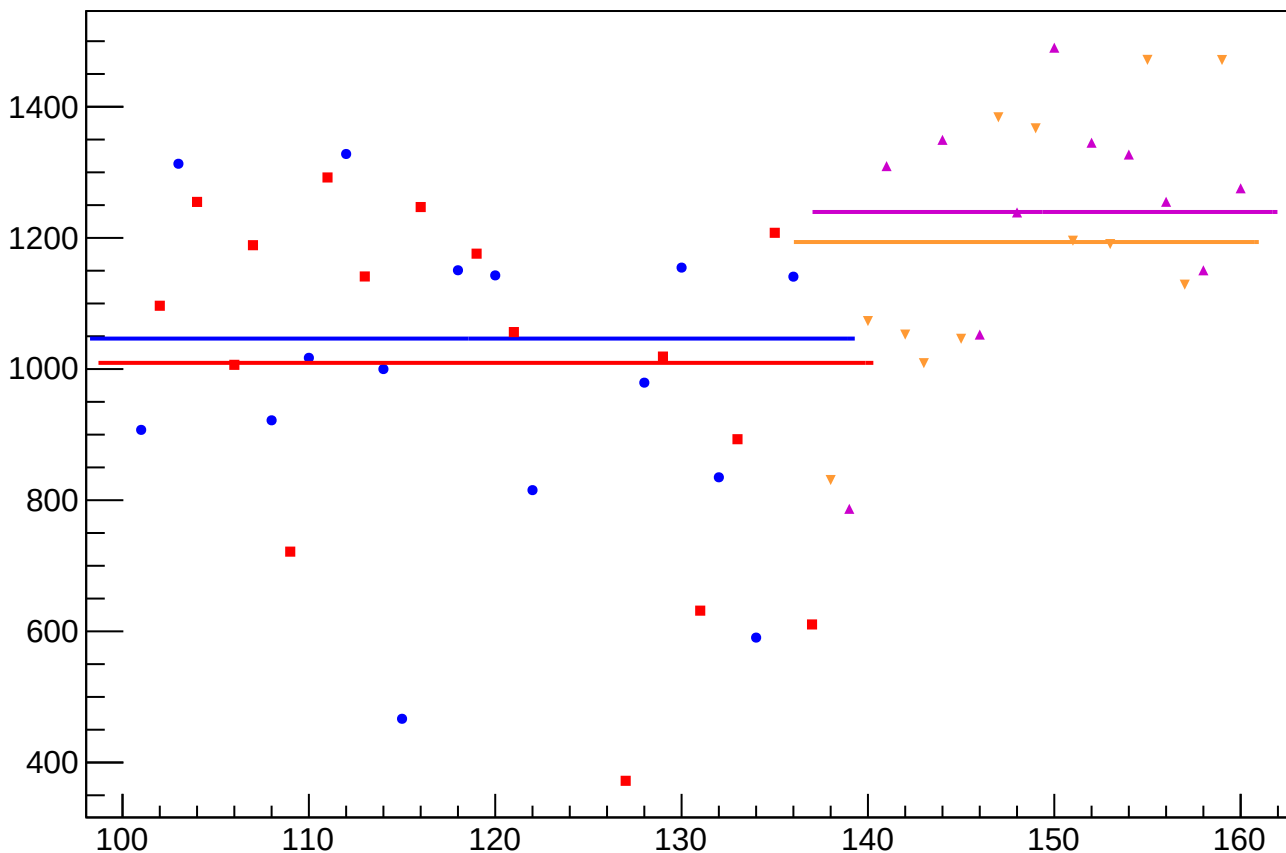
- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



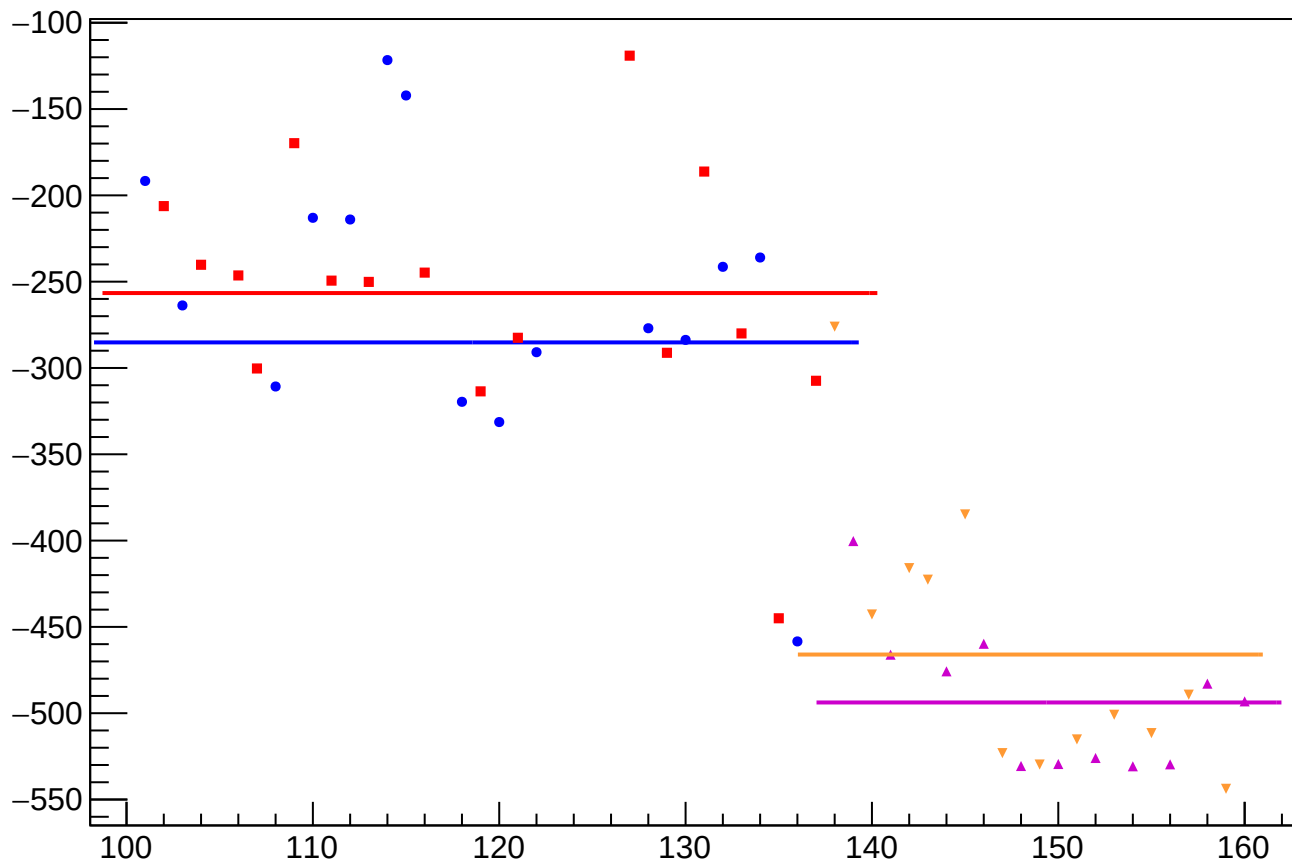
Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14	+ sign 6.452+/-0.000	χ^2/NDF : 16978559973735600
Left Out: 7.291+/-0.000	χ^2/NDF : 6718053515172863885836432351166464.0/11	All: 6.388+/-0.000	χ^2/NDF : 33820915421032
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15	- sign 6.325+/-0.000	χ^2/NDF : 16829636305354281
Left In: 7.475+/-0.000	χ^2/NDF : 7057812139399579538870244550377472.0/10		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -466.012+/-0.000 χ^2/NDF : 5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

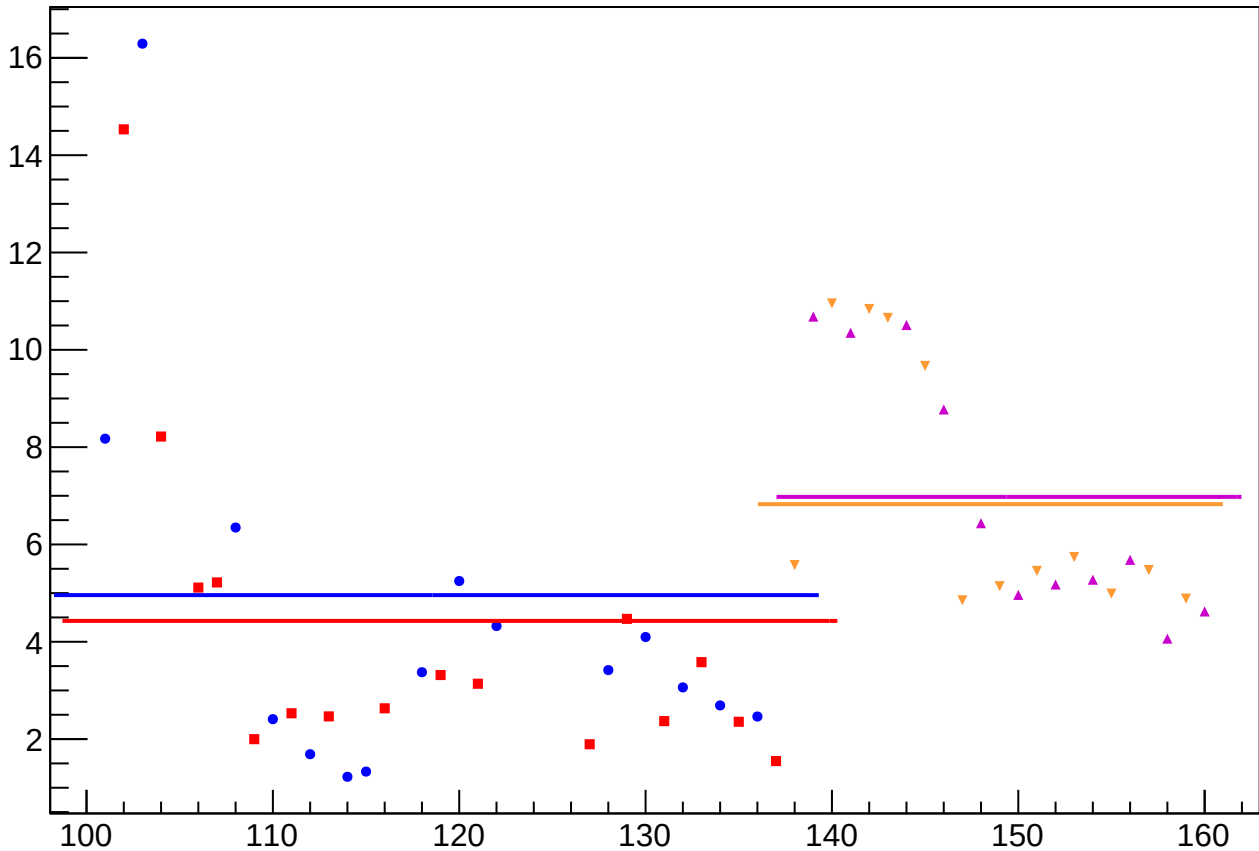
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF : 22079891664929

All: -392.652+/-0.000 χ^2/NDF : 48980613059

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



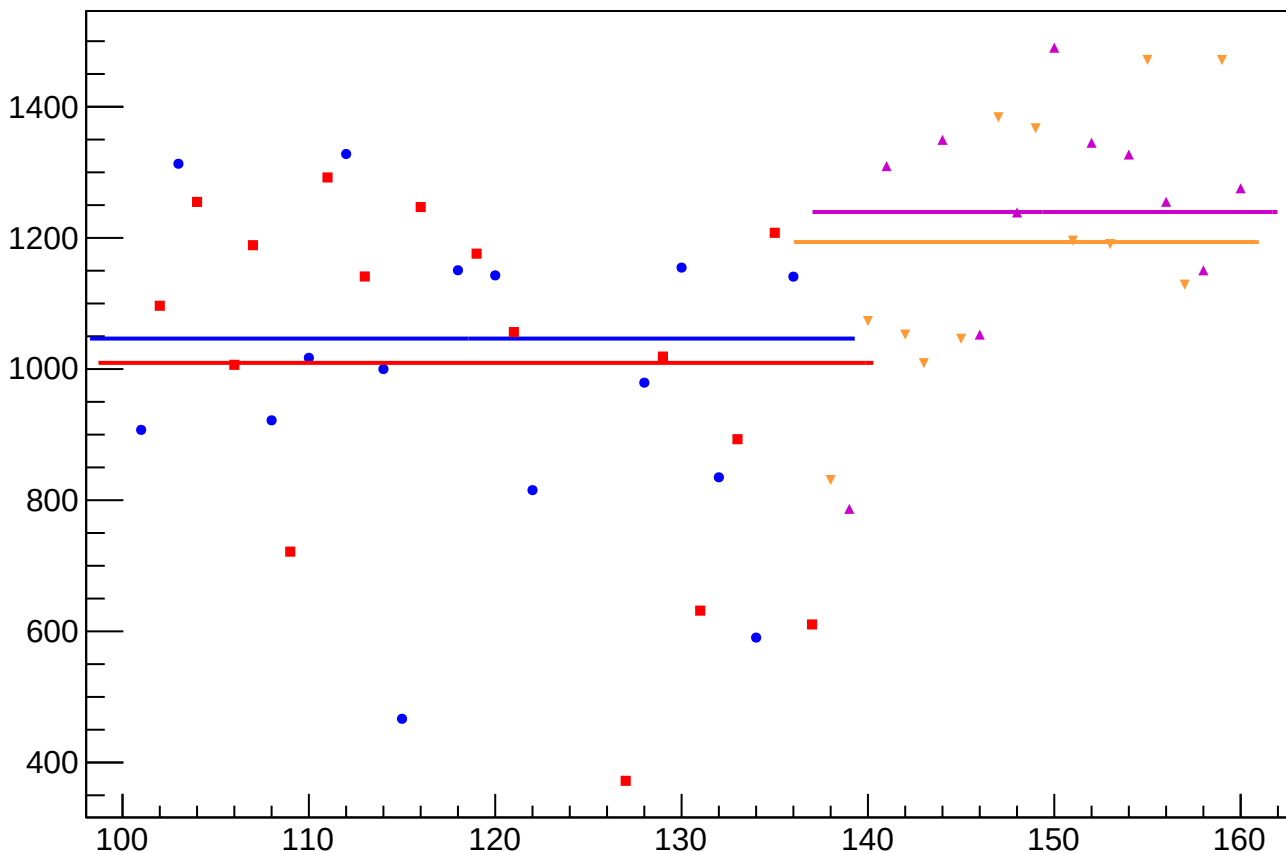
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.828+/-0.000 χ^2/NDF : 5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

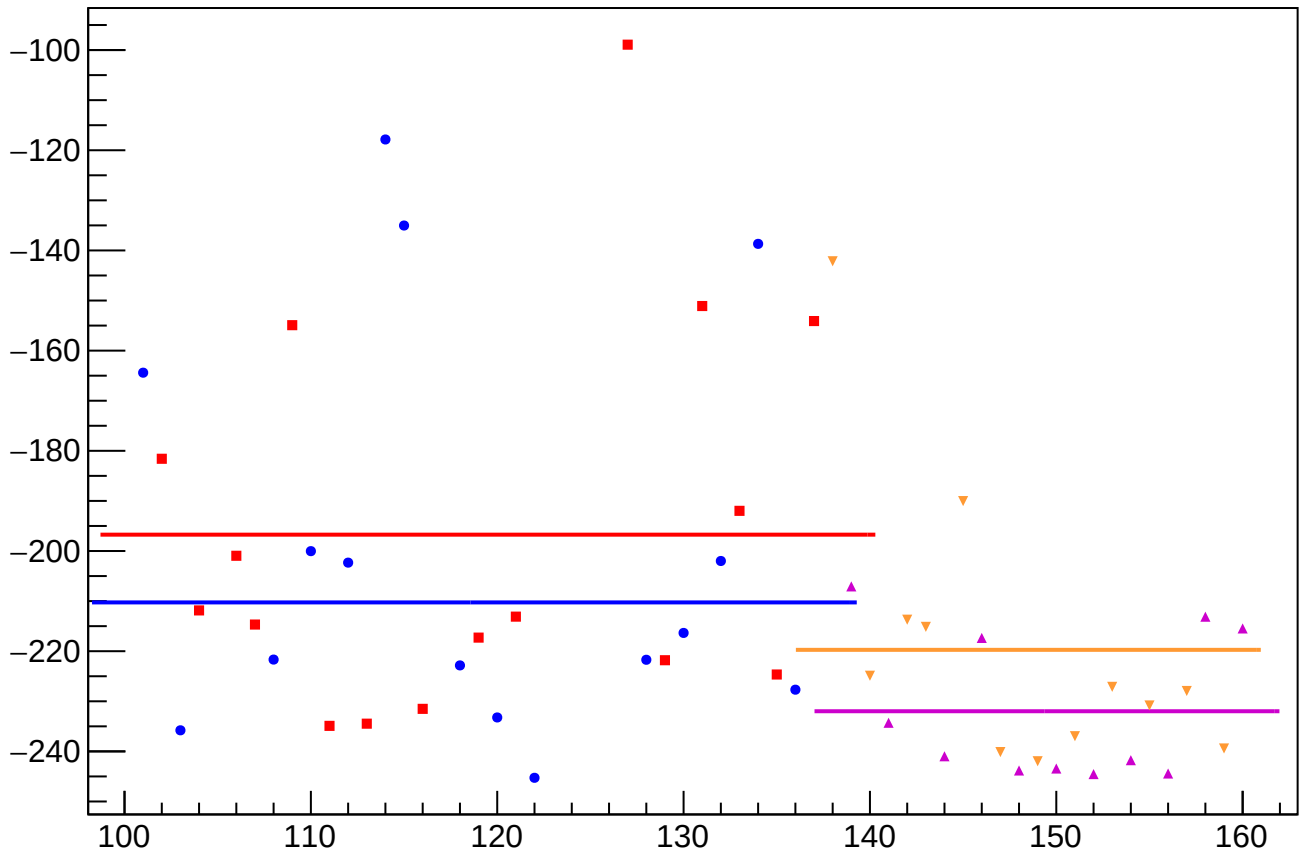
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

dit_11X12X_coil1_mean vs Slug



Right In: -210.261 ± 0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -219.729 ± 0.000 χ^2/NDF : 691090878567021644145539364306288640.0/11

Right Out: -196.736 ± 0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

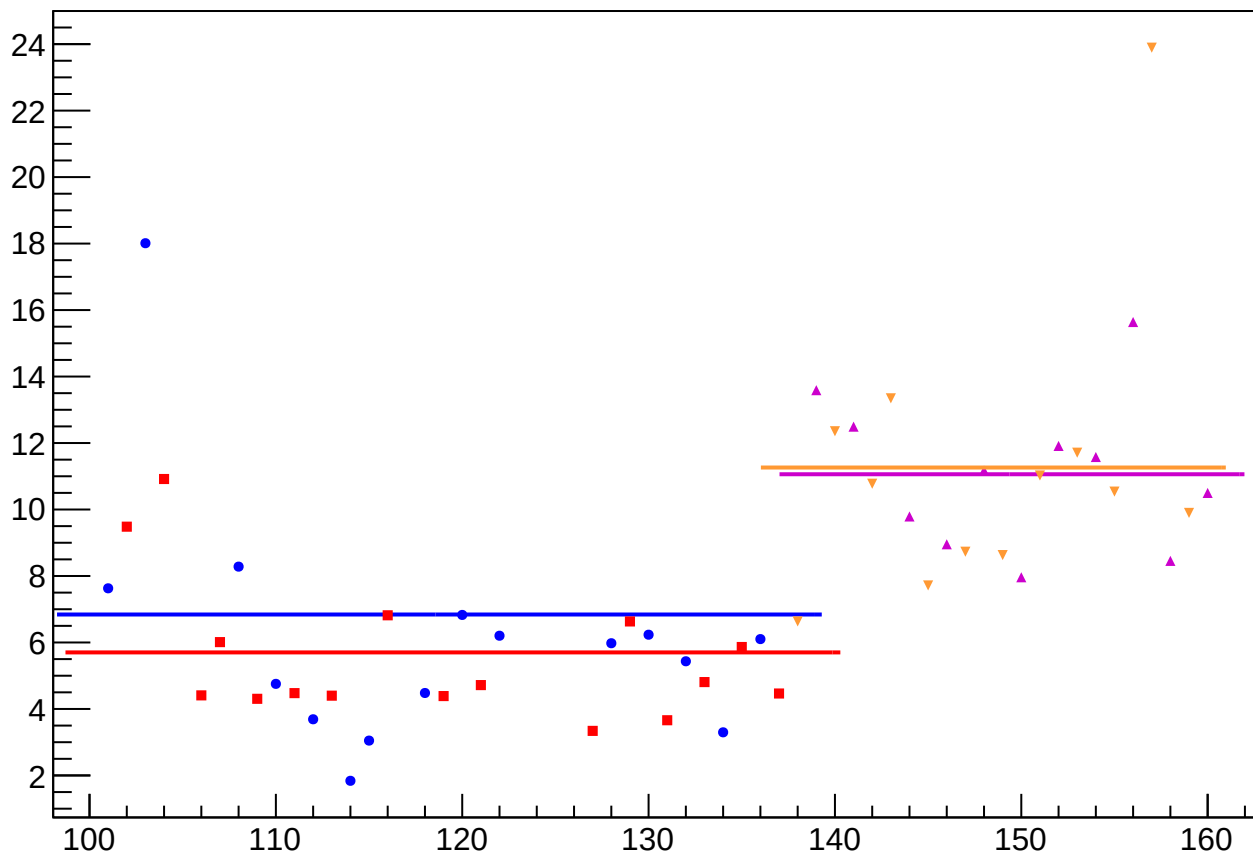
Left In: -231.985 ± 0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.798 ± 0.000 χ^2/NDF : 12928194150556

All: -216.509 ± 0.000 χ^2/NDF : 28682587905

- sign -217.208 ± 0.000 χ^2/NDF : 157387232918828

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000

χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000

χ^2/NDF : 16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000

χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000

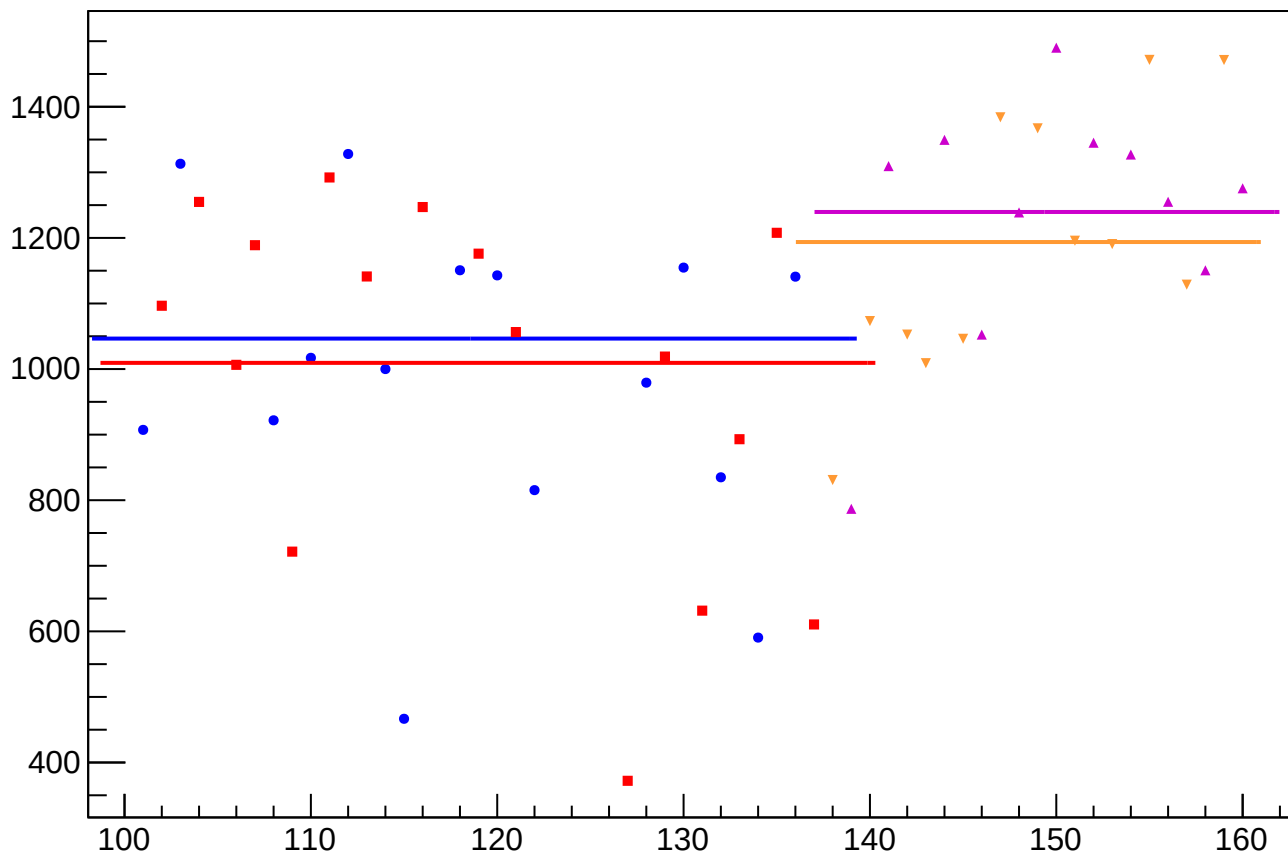
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

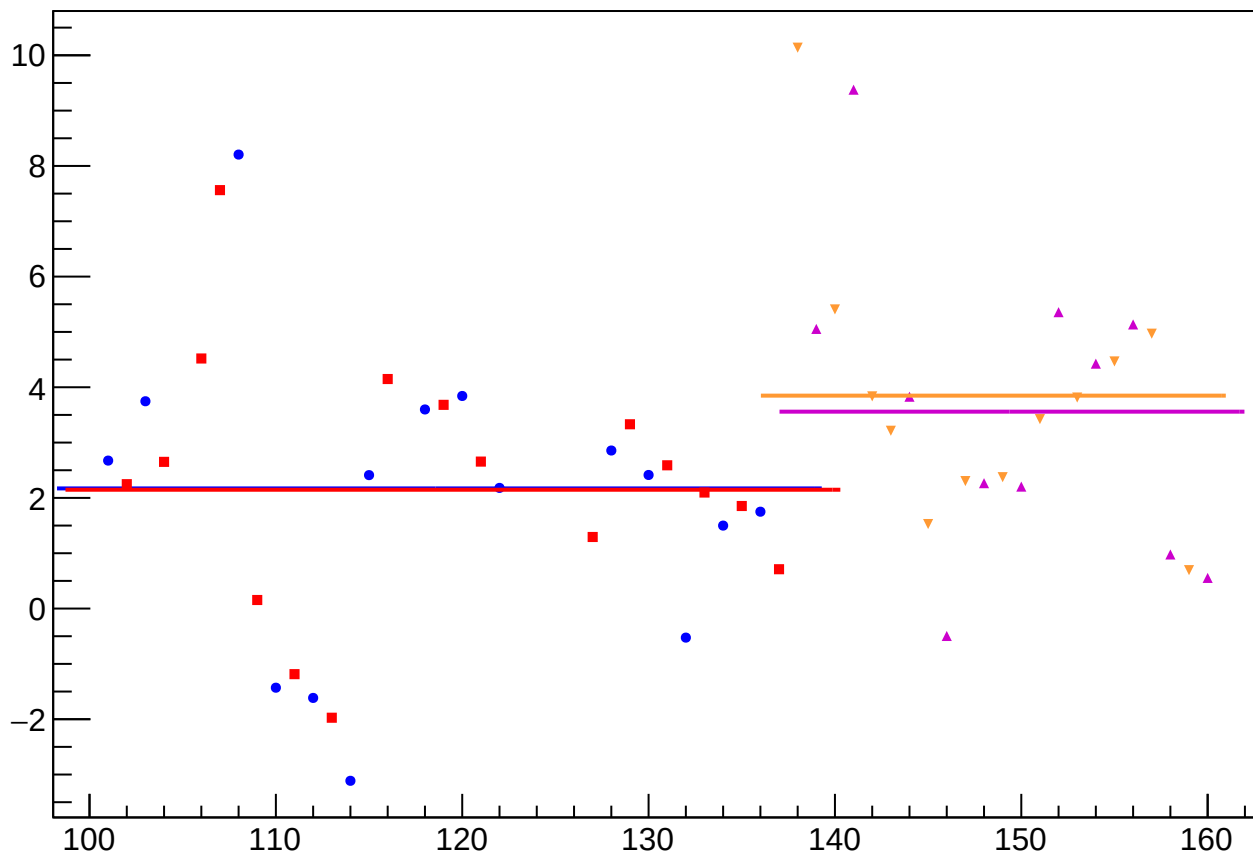
- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000

χ^2/NDF : 3599819246909975678410499691642880.0/14

Left Out: 3.848+/-0.000

χ^2/NDF : 5039599457588936759406360166137856.0/11

Right Out: 2.148+/-0.000

χ^2/NDF : 3093887336239378959606321931878400.0/15

Left In: 3.559+/-0.000

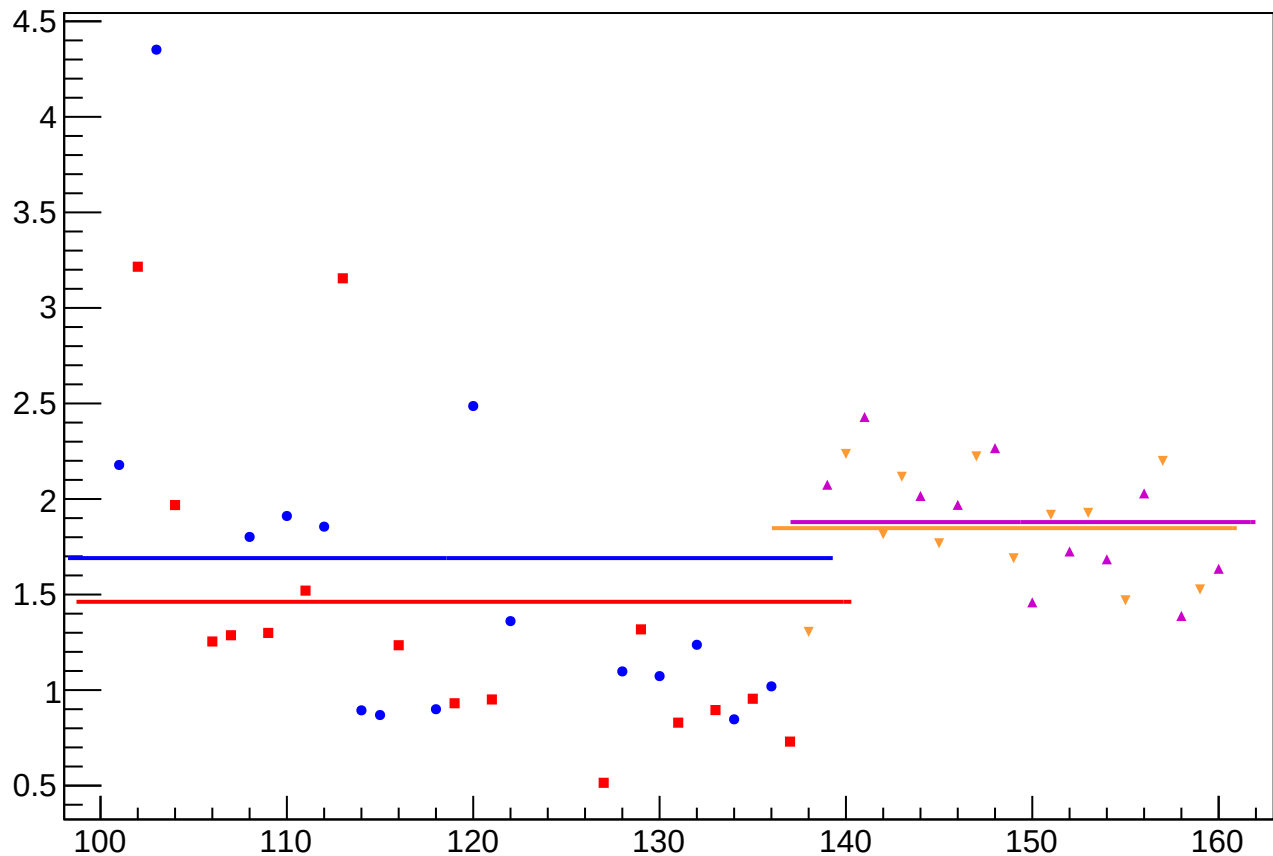
χ^2/NDF : 6492667345109962540652165758713856.0/10

+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652

All: 3.059+/-0.000 χ^2/NDF : 20091616900140

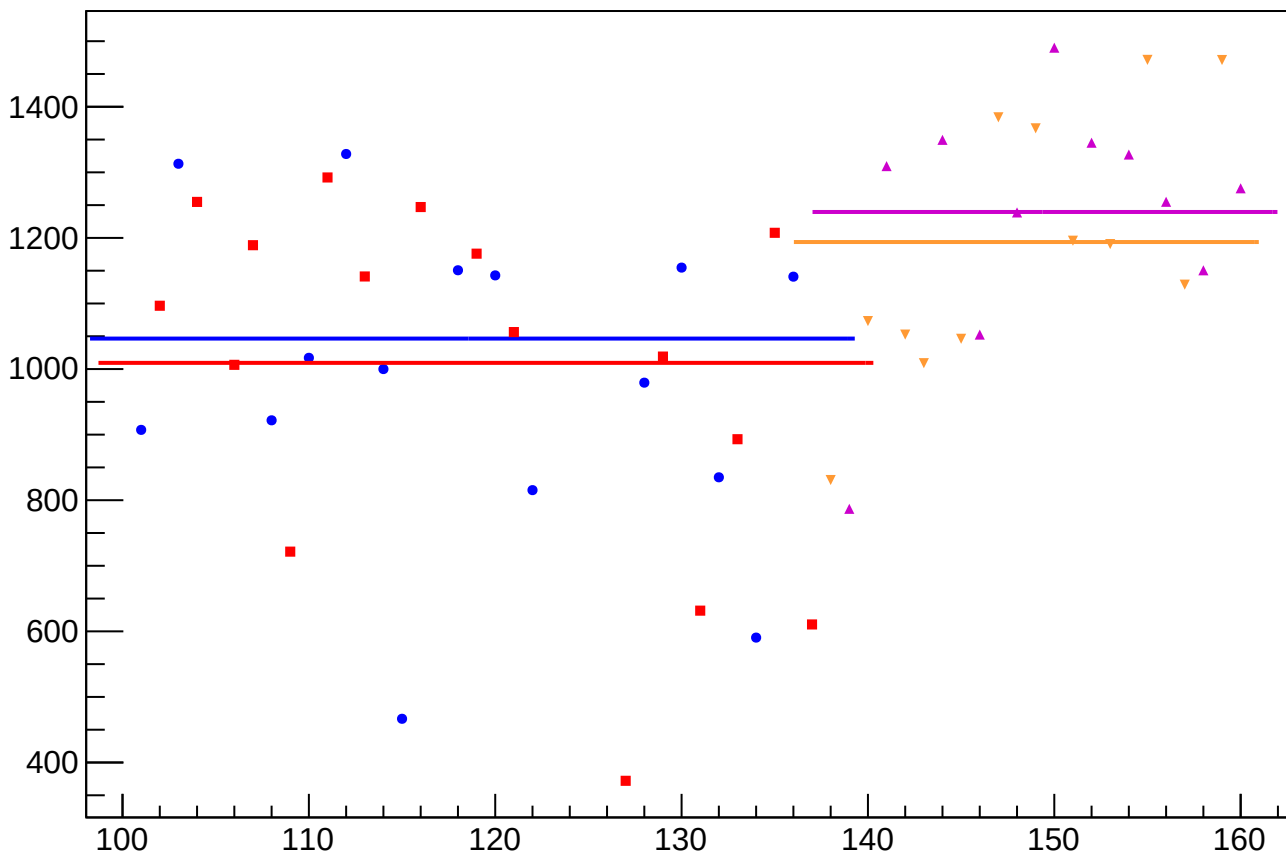
- sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 ± 0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.847 ± 0.000 χ^2/NDF : 84162850183102511254837045231616.0/11
 Right Out: 1.462 ± 0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: 1.879 ± 0.000 χ^2/NDF : 90968052268112309617342982127616.0/10

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

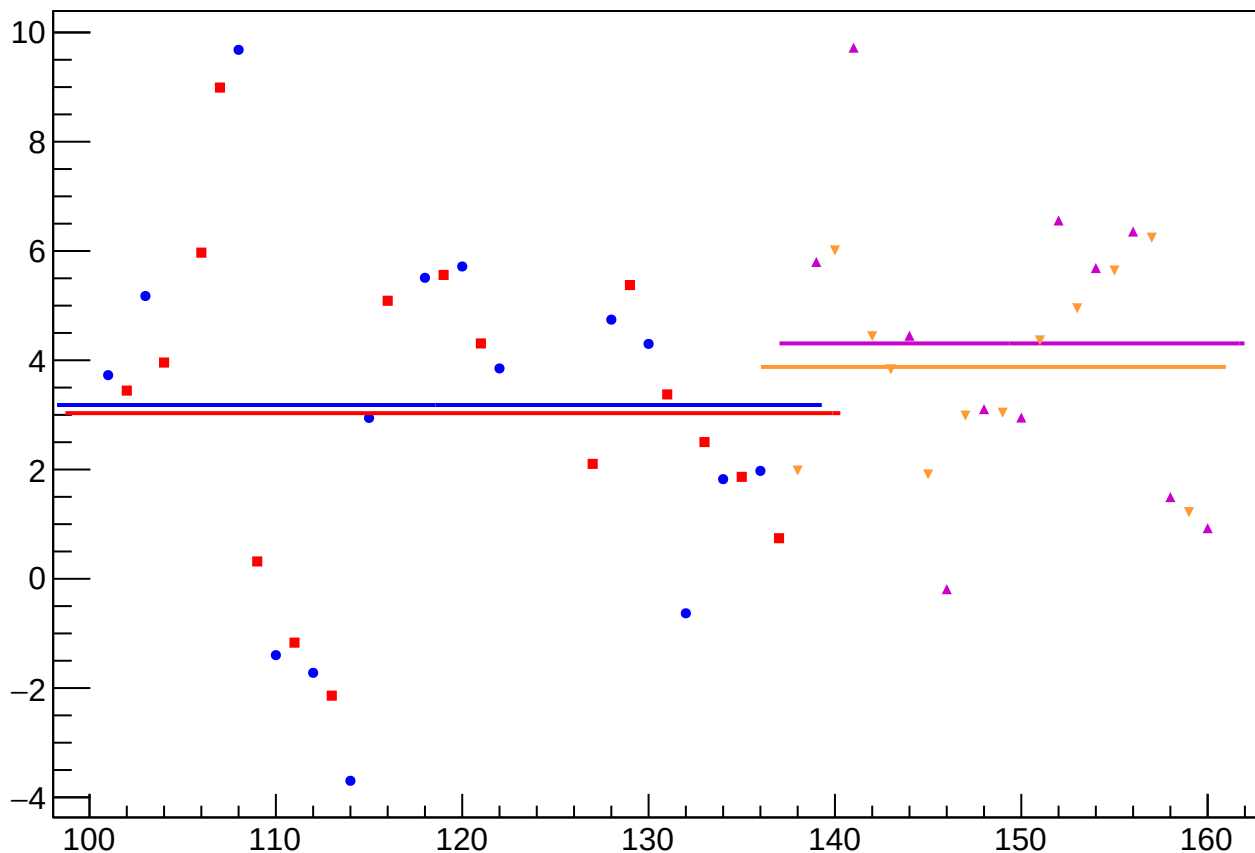
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441
 All: 1137.884+/-0.000 χ^2/NDF : 16179959910
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000

χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.878+/-0.000

χ^2/NDF : 2463584640289158504459219897417728.0/11

Right Out: 3.032+/-0.000

χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.308+/-0.000

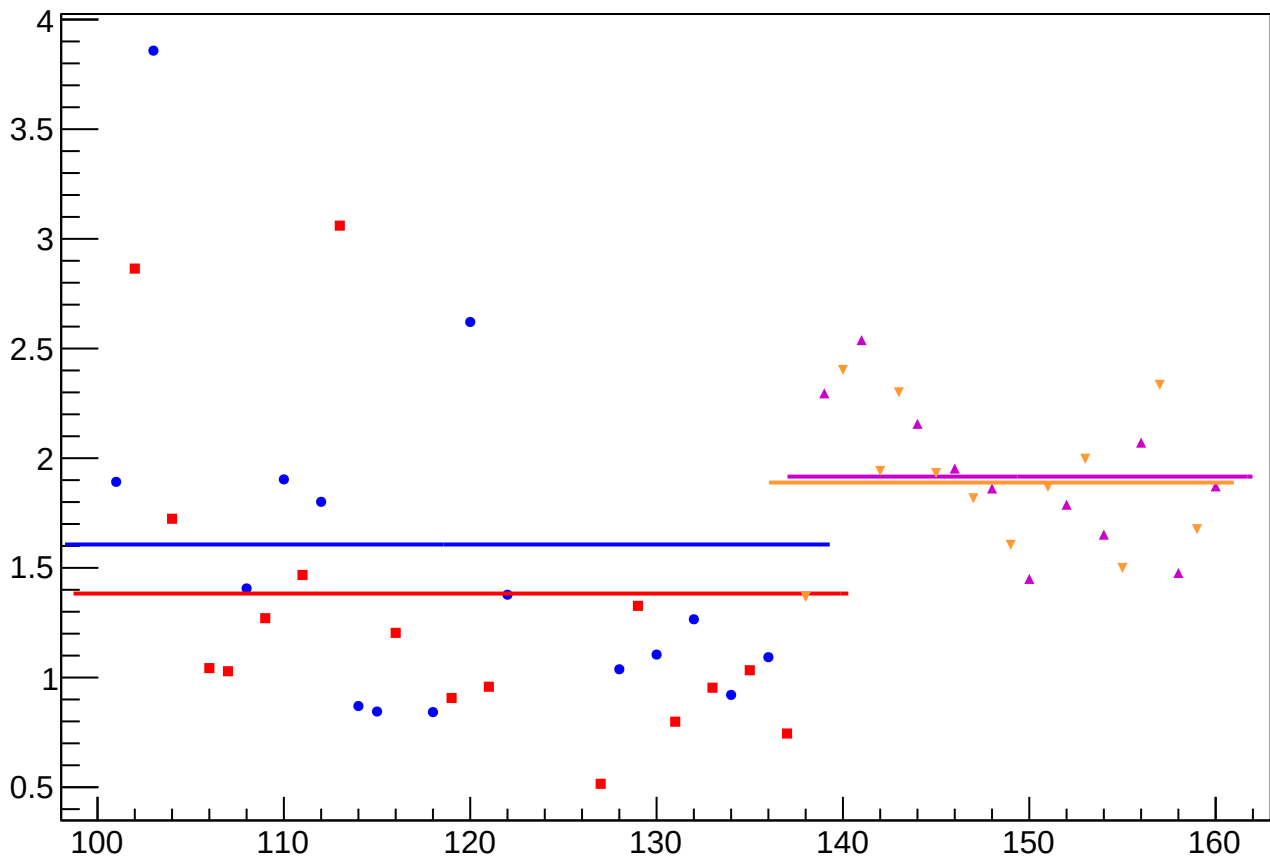
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589+/-0.000 χ^2/NDF : 84811787194063263

All: 3.682+/-0.000 χ^2/NDF : 21150064748618

- sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 1.889+/-0.000 χ^2/NDF : 94097326064066188177587241484288.0/11

Right Out: 1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

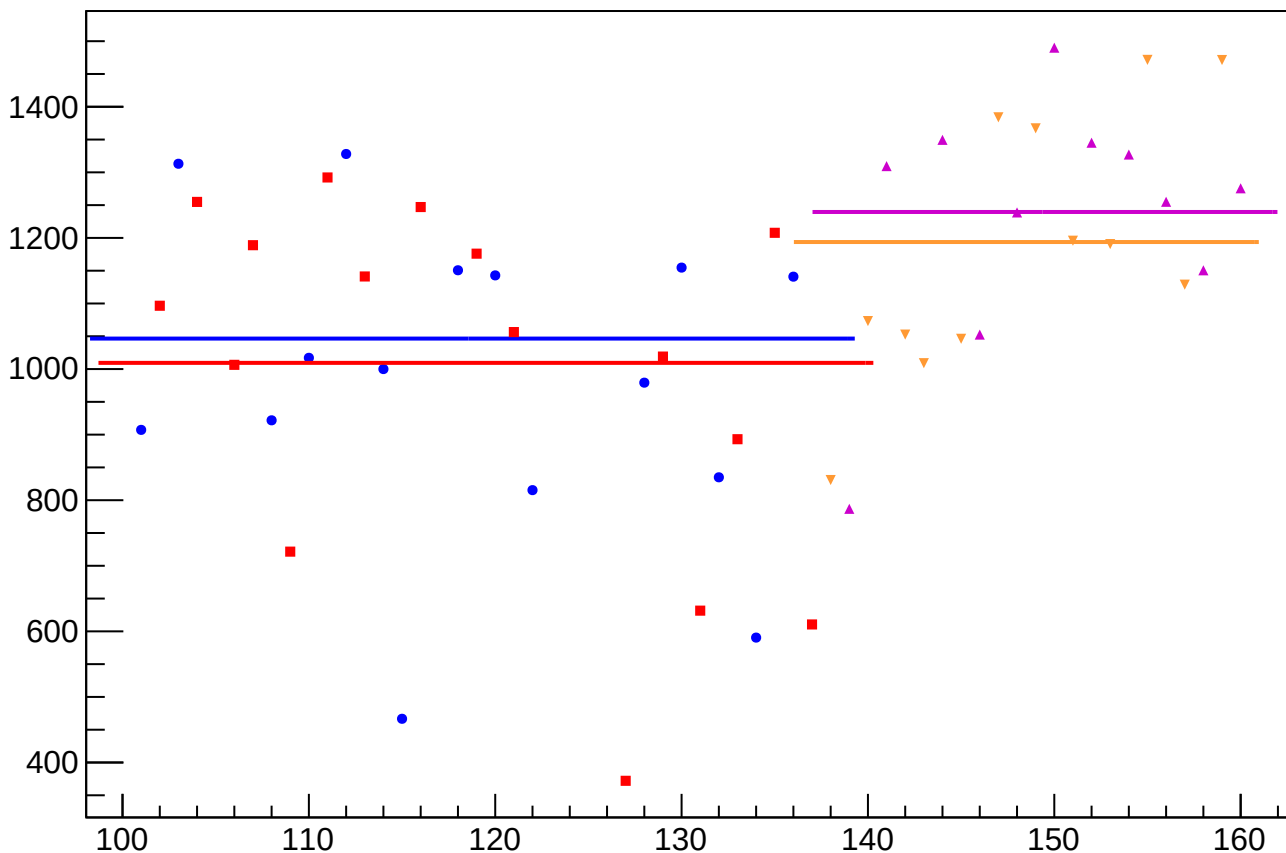
Left In: 1.916+/-0.000 χ^2/NDF : 95276515809016209875699691945984.0/10

+ sign 1.772+/-0.000 χ^2/NDF : 58529175260763022

All: 1.732+/-0.000 χ^2/NDF : 11539749951204

- sign 1.693+/-0.000 χ^2/NDF : 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

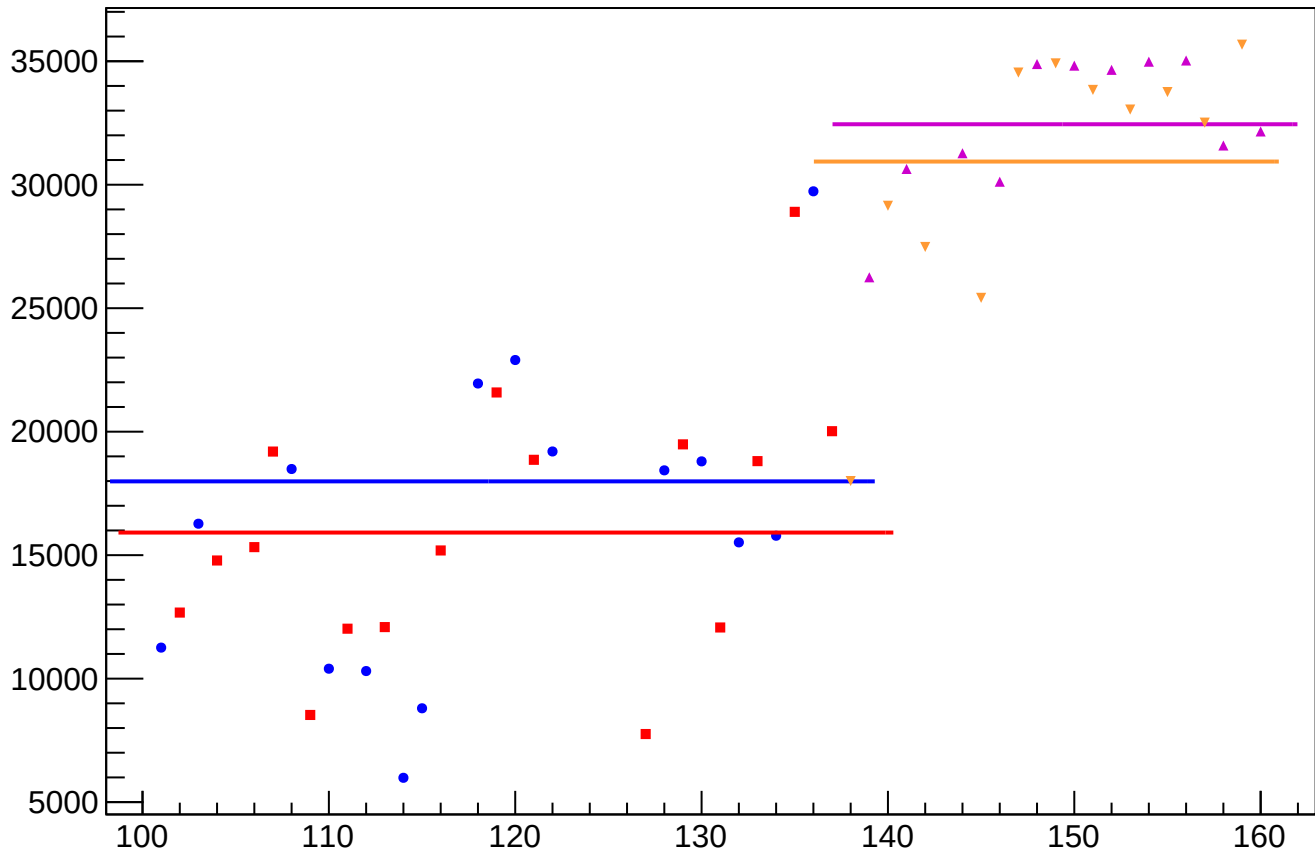
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

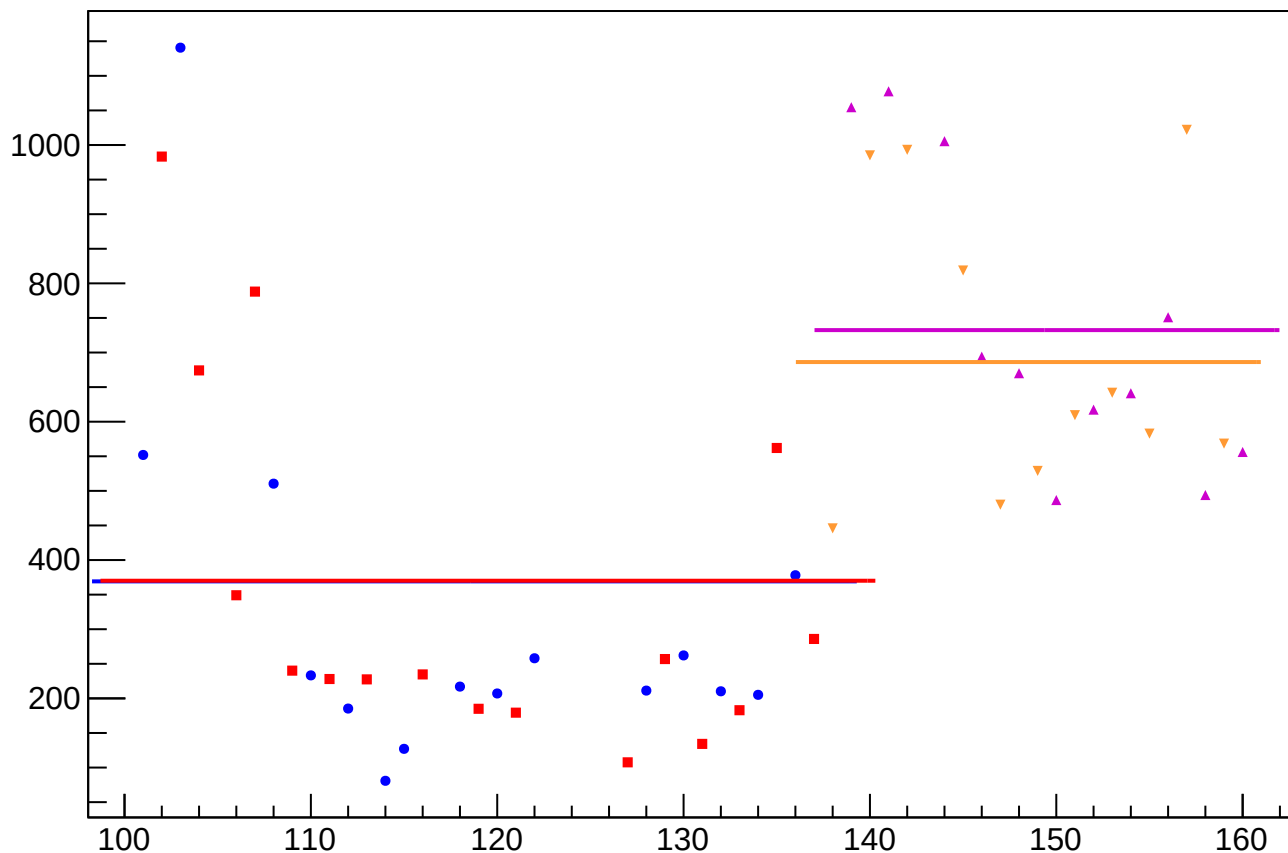
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 548.687+/-0.000 χ^2/NDF : 119411567412423

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

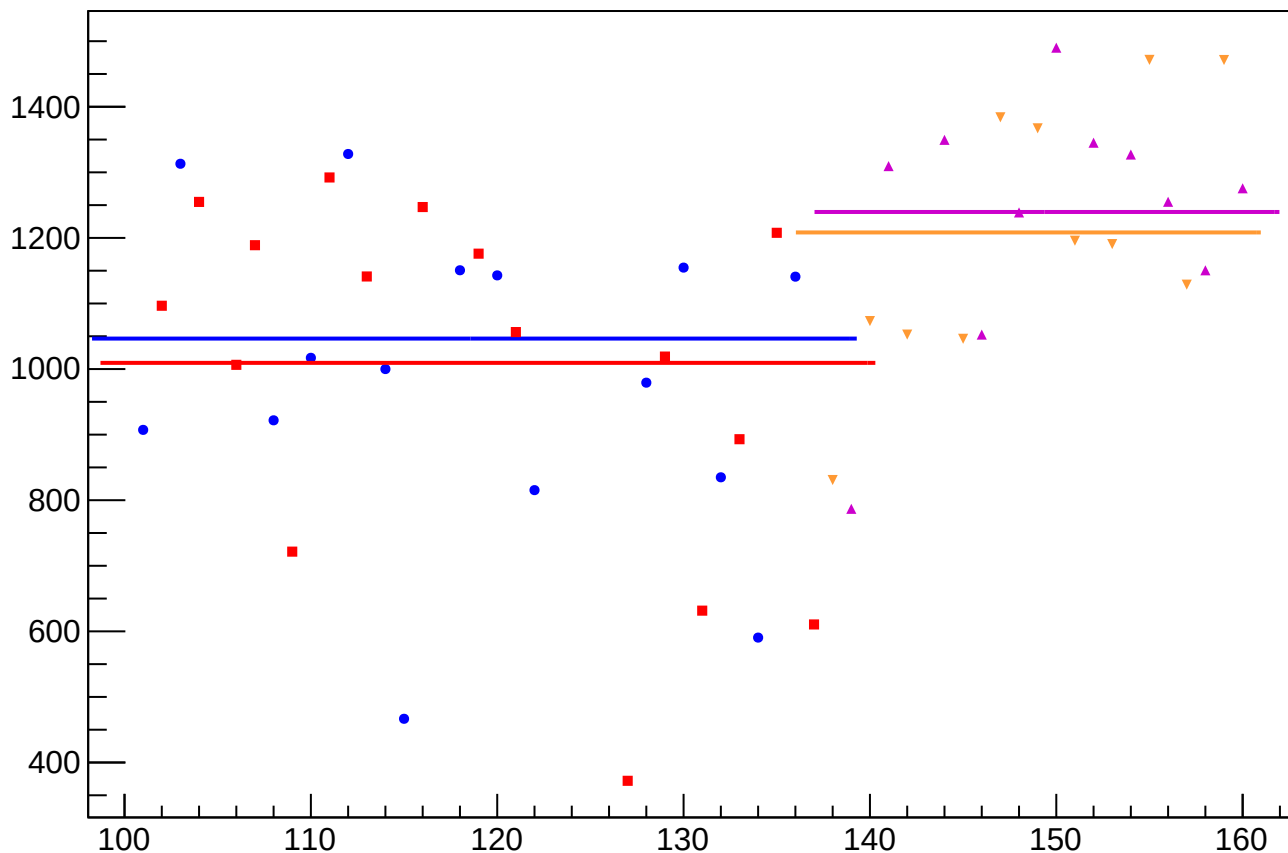
All: 565.091+/-0.000 χ^2/NDF : 259202401082

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

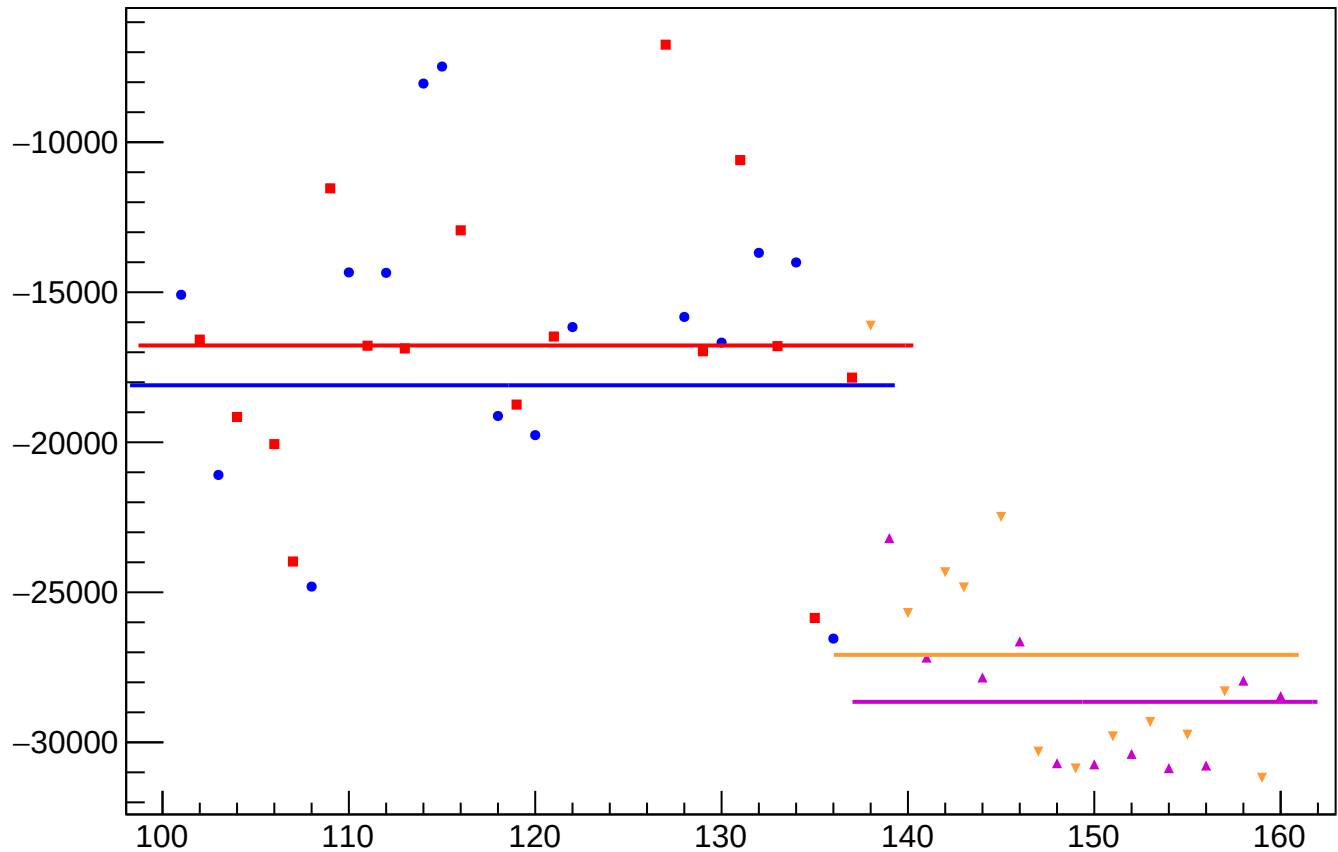
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

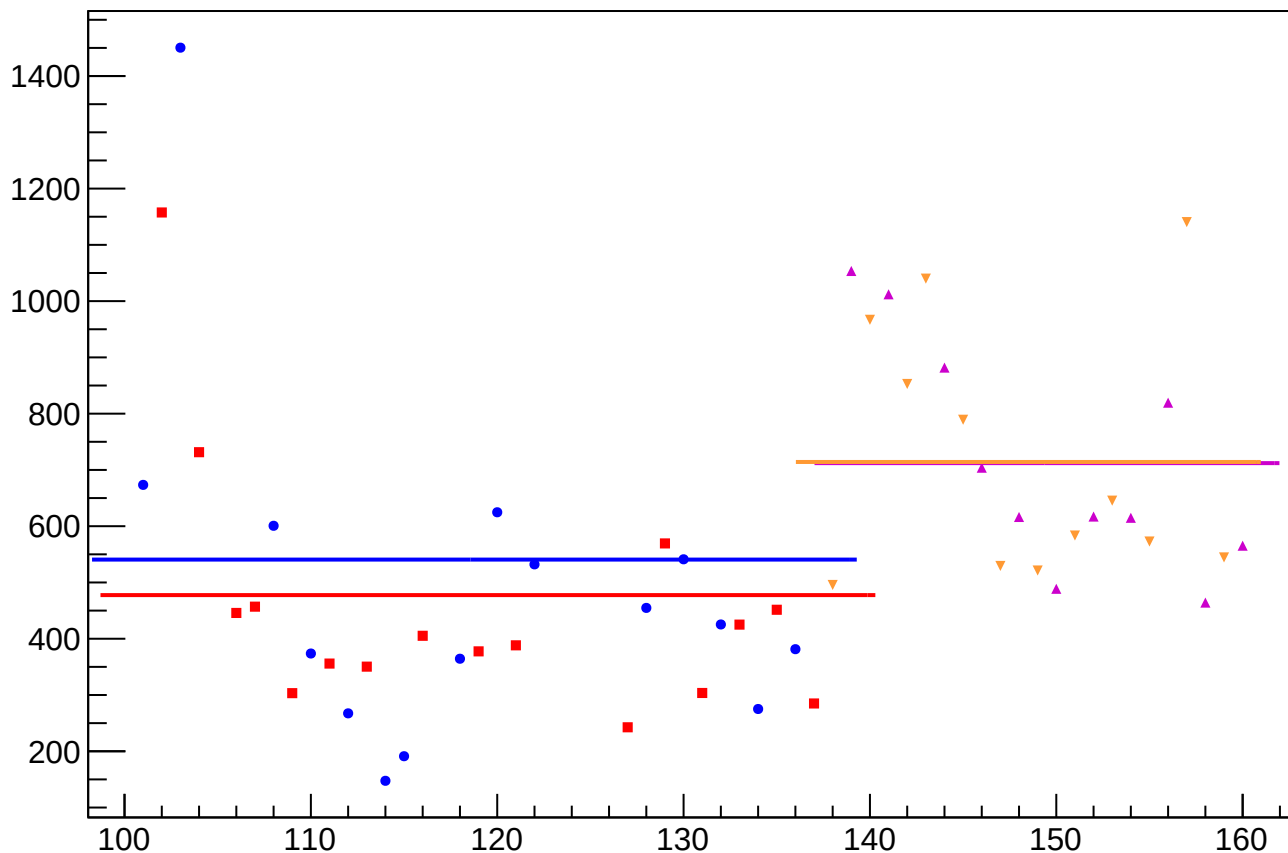
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left Out: -27085.326+/-0.000 χ^2/NDF : 16913671790830002451724713056210492850176.0/11
 All: -23514.355+/-0.000 χ^2/NDF : 135979518
 - sign: -23671.259+/-0.000 χ^2/NDF : 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

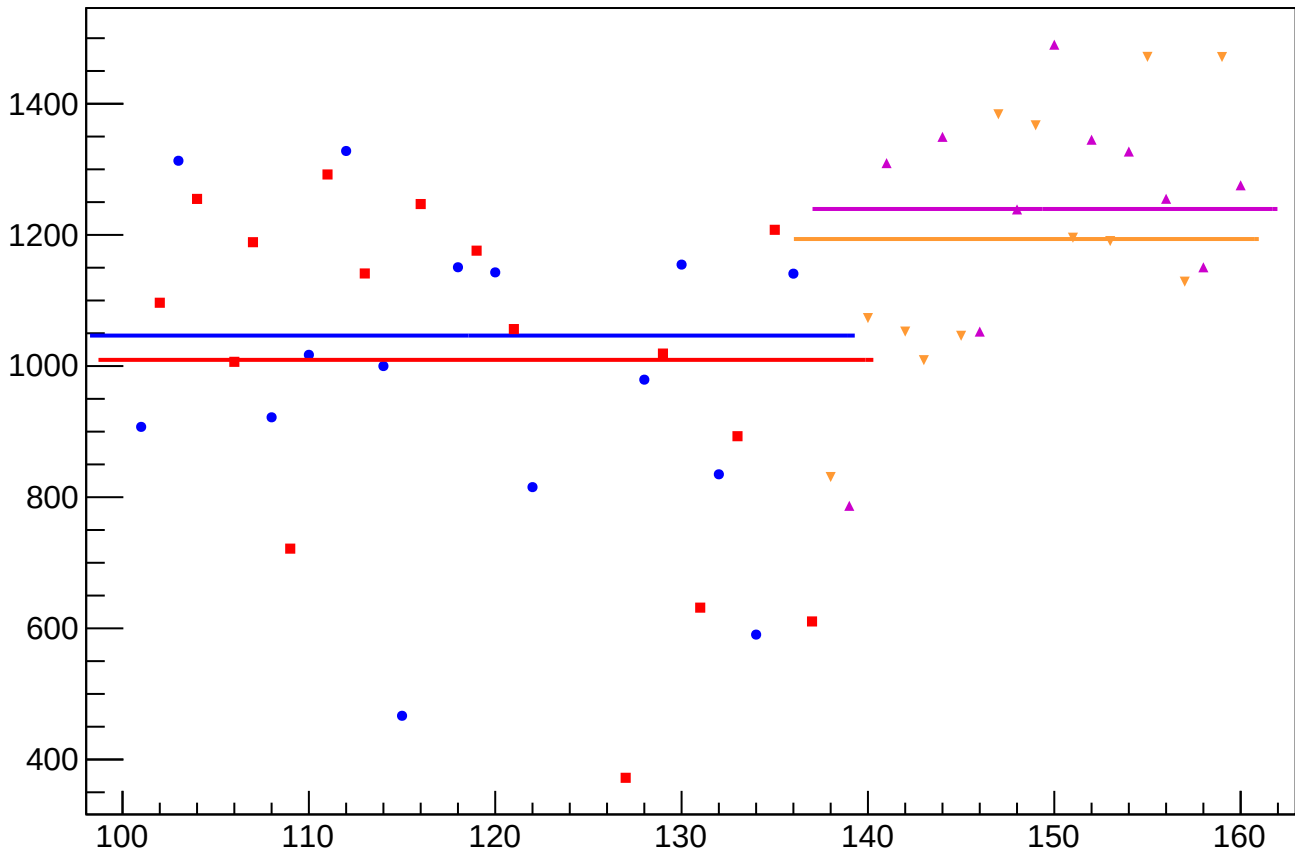
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

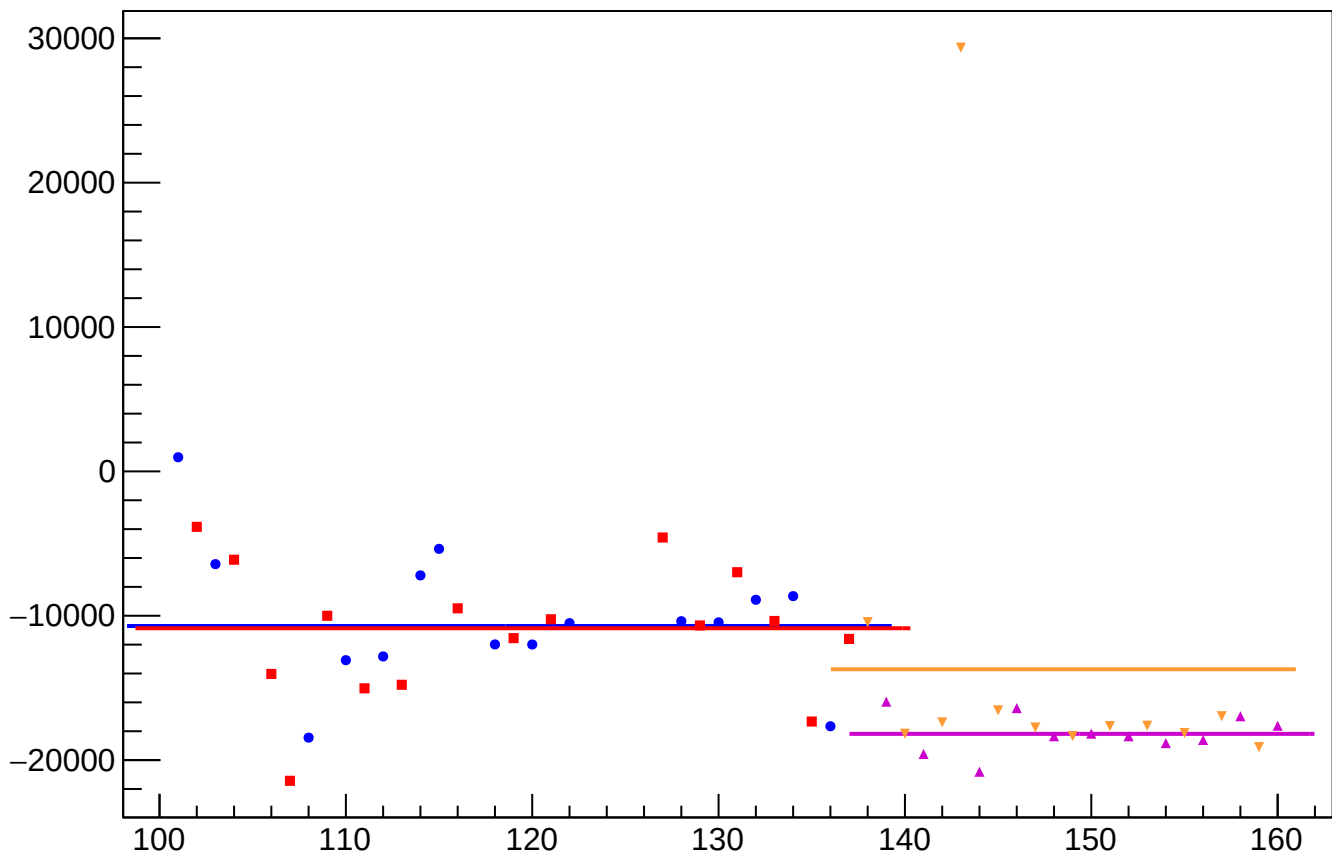
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

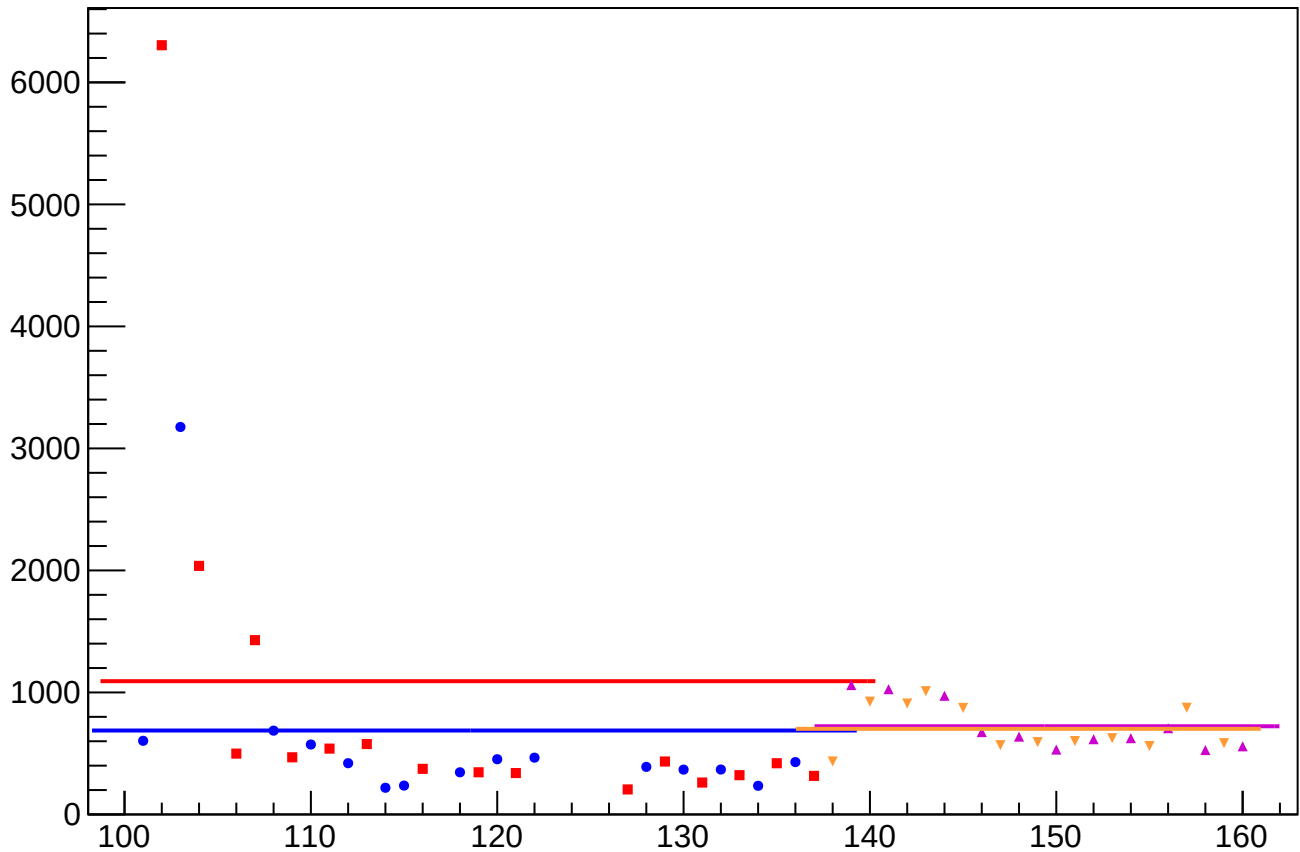
dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13705.488+/-0.000	χ^2/NDF : 138226511026527050662319693841079709204480.0/11
Right Out: -10866.264+/-0.000	χ^2/NDF : 14234762838858382484525901644131626647552.0/15
Left In: -18181.504+/-0.000	χ^2/NDF : 1643617183572647868818914289162838343680.0/10

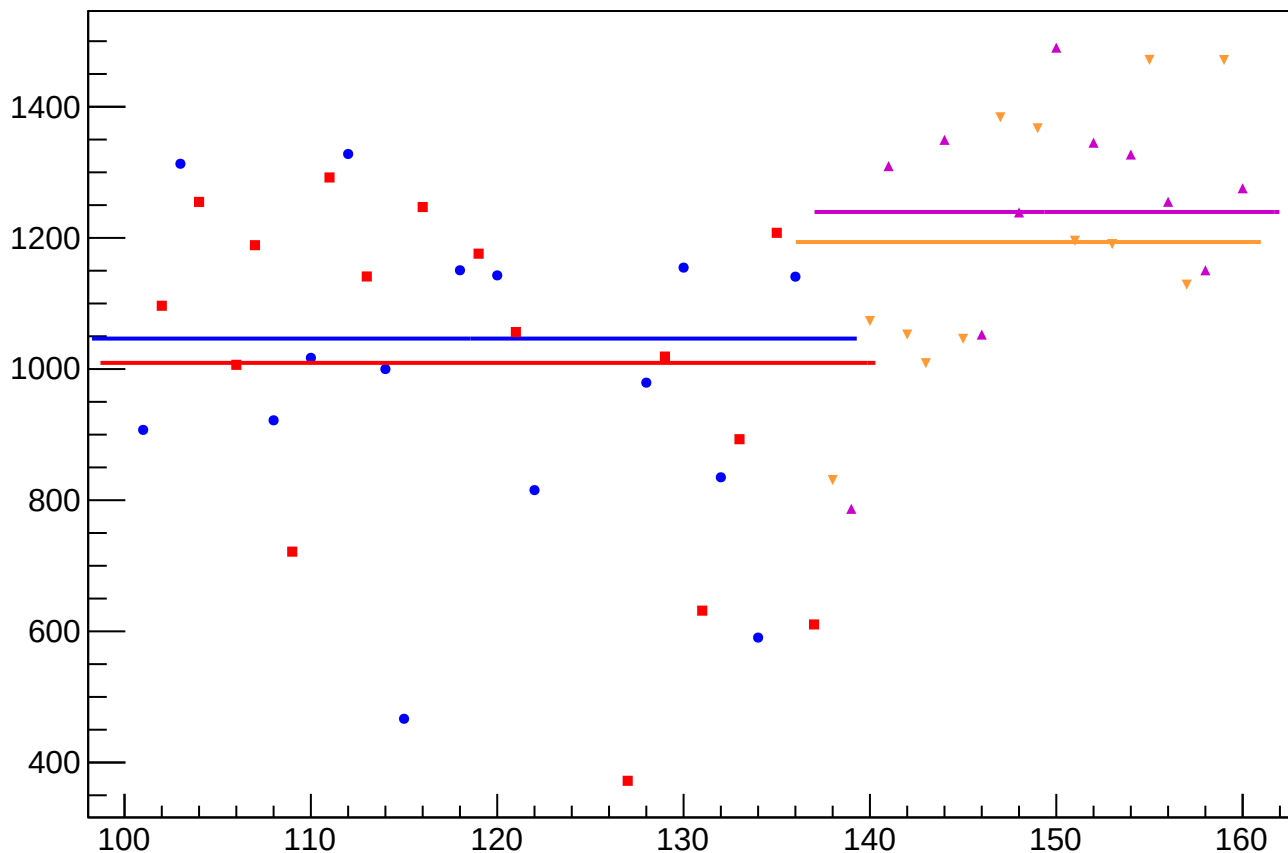
+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536
 All: -13800.033+/-0.000 χ^2/NDF : 200733129
 - sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



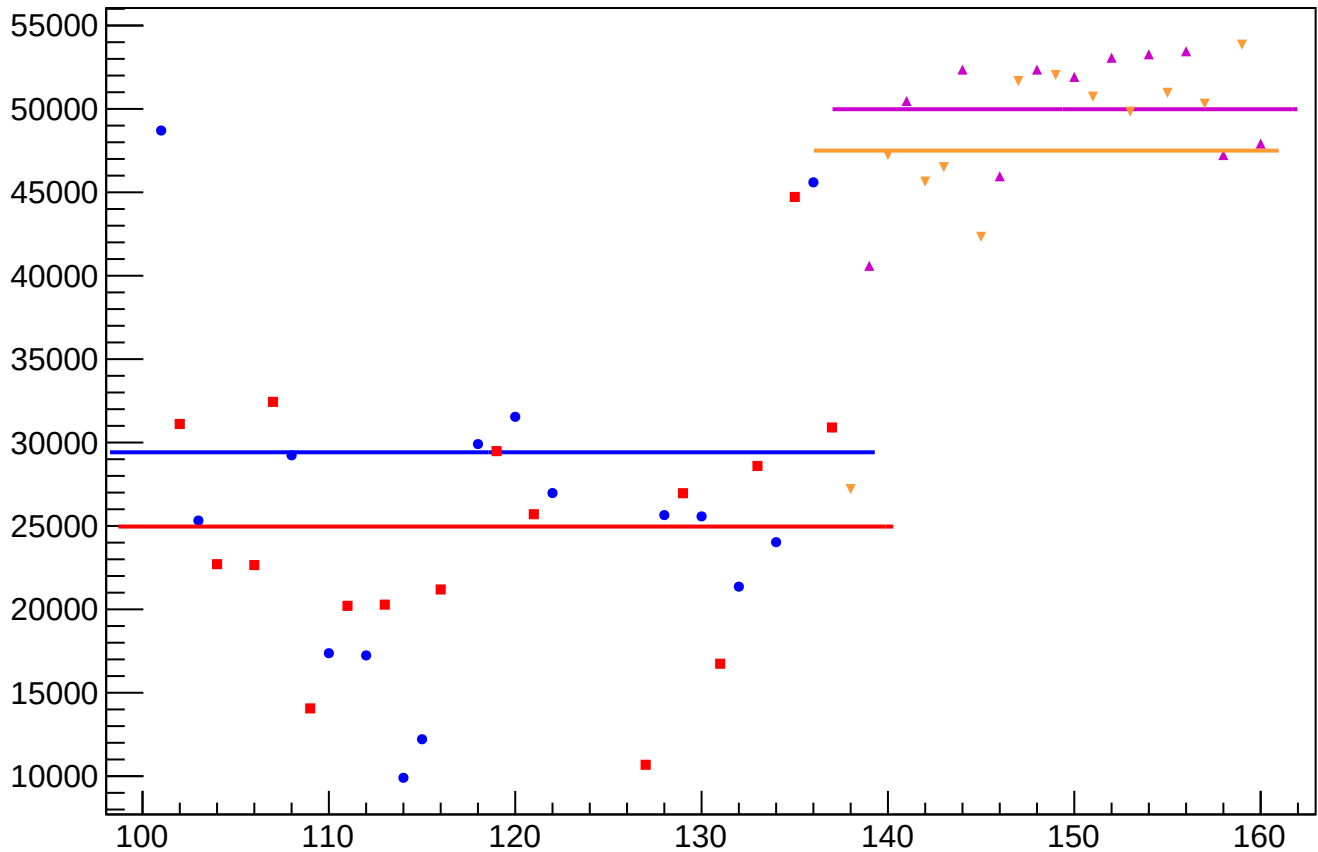
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

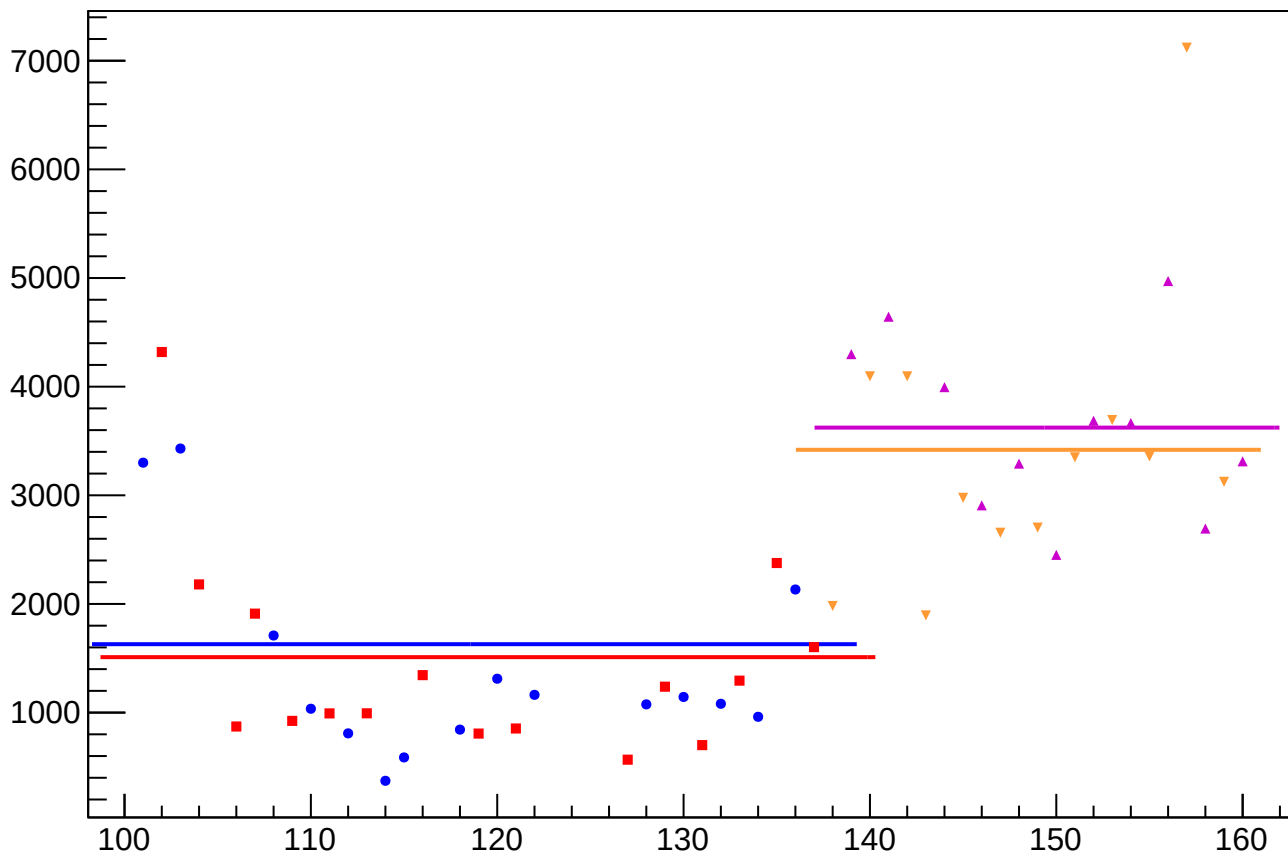
Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atl2_coil1_mean vs Slug



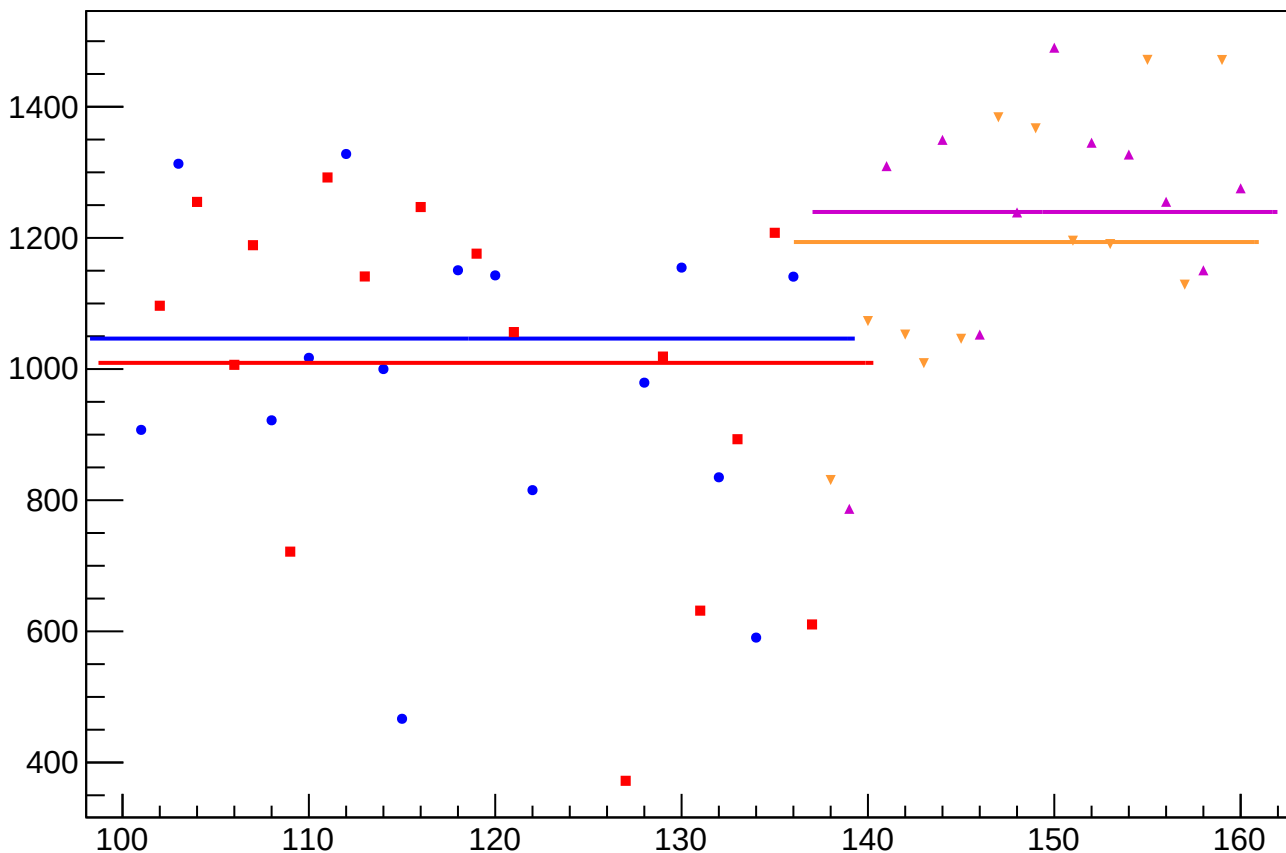
Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10
All: 39740.450+/-0.000 χ^2/NDF : 5413093002	
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358	
- sign 39493.245+/-0.000 χ^2/NDF : 3016137188389	

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2675.926+/-0.000	χ^2/NDF : 33424300848042
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11	All: 2706.904+/-0.000	χ^2/NDF : 63005491565
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

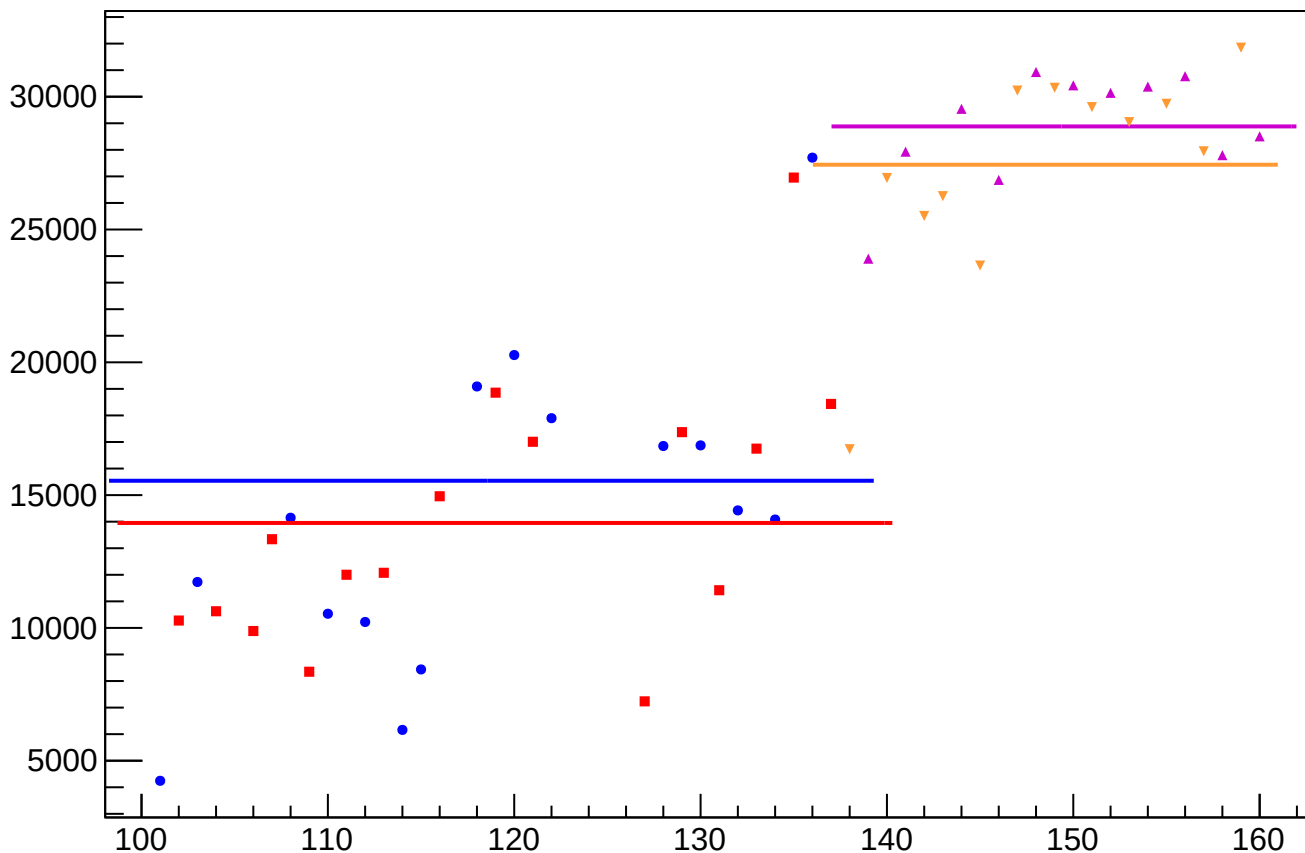
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

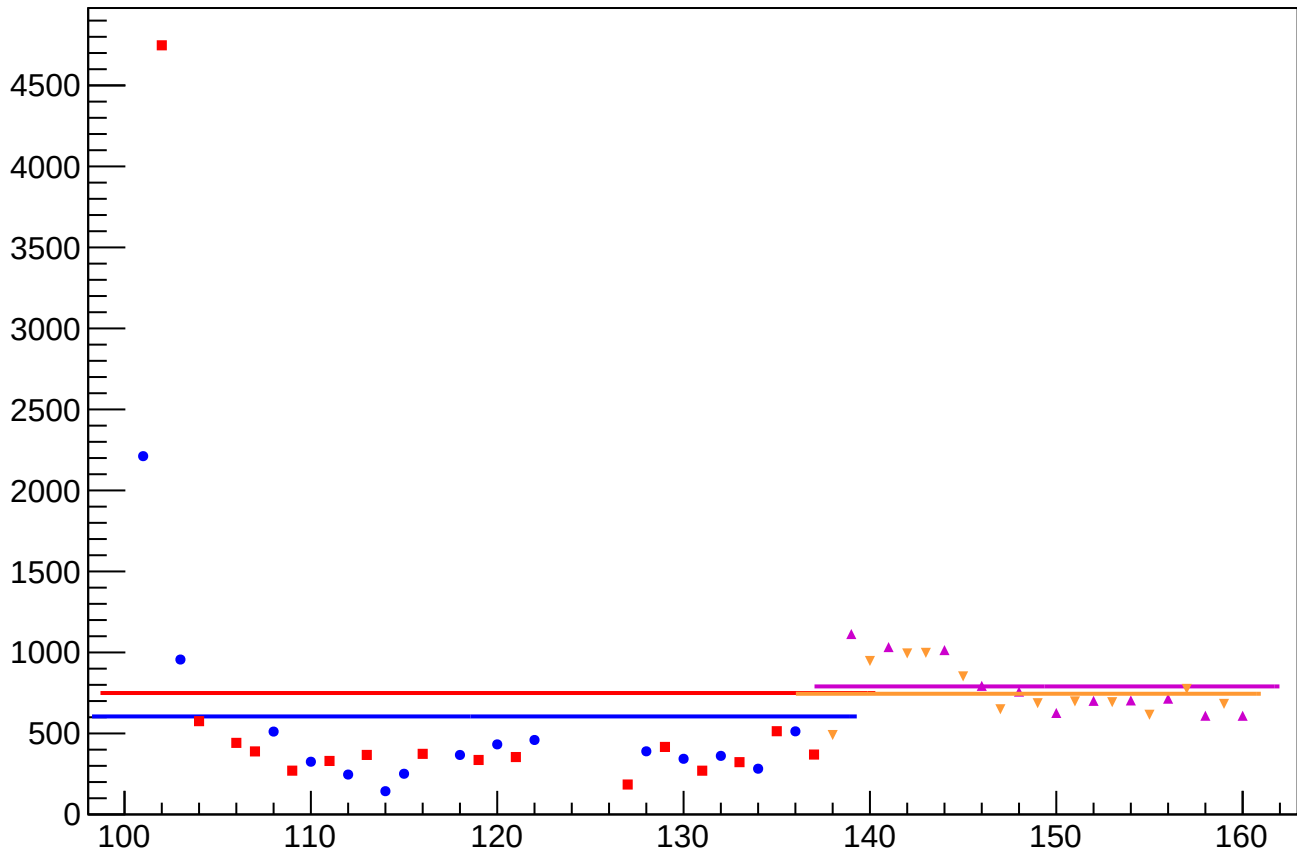
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27439.616+/-0.000	χ^2/NDF : 14247025908871725813351088668818926469120.0/11
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28881.771+/-0.000	χ^2/NDF : 3761764043421234560623243625754374701056.0/10

+ sign 22498.900+/-0.000 χ^2/NDF : 9536357865964
 All: 22561.315+/-0.000 χ^2/NDF : 2024381611
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 744.985+/-0.000 χ^2/NDF : 19571453984278961719936247870544412672.0/11

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

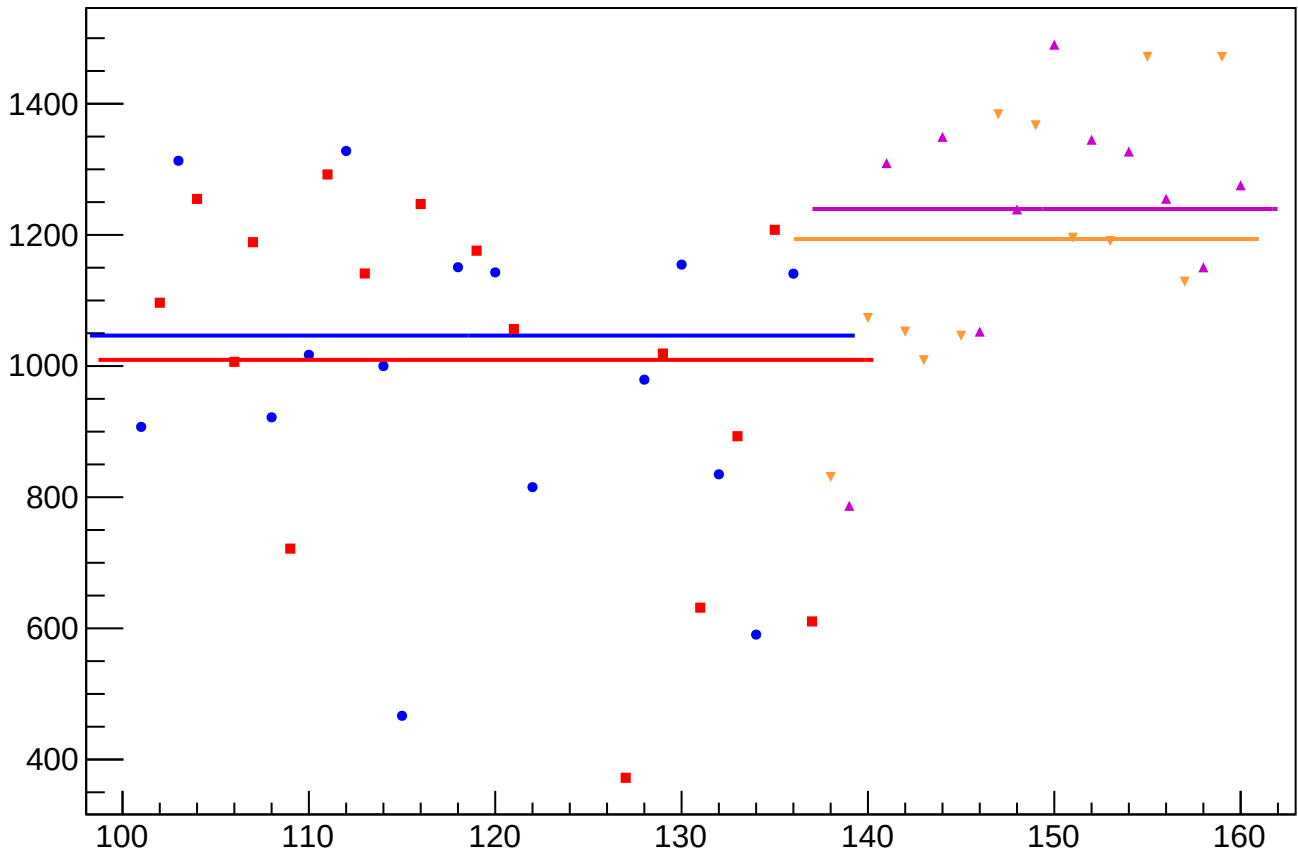
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

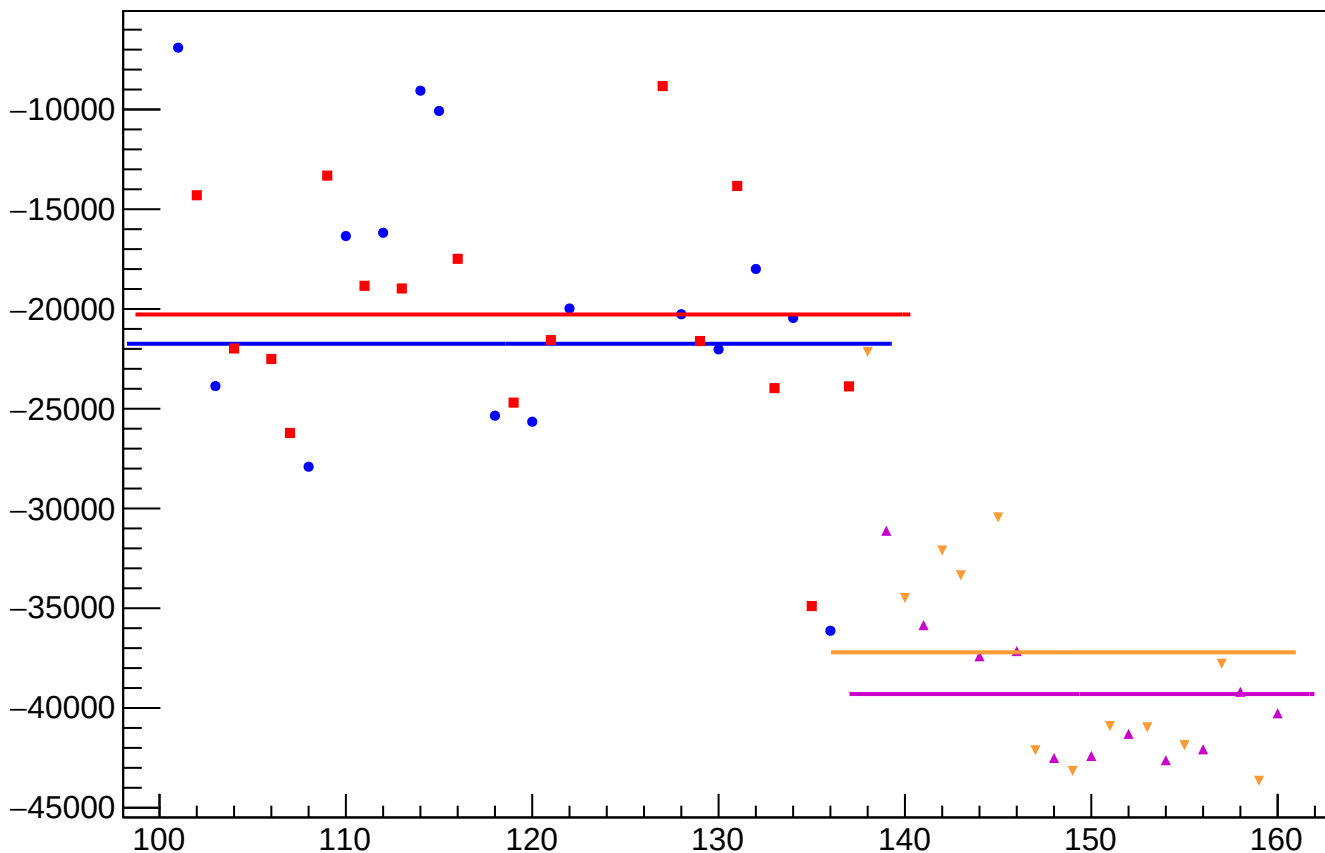
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



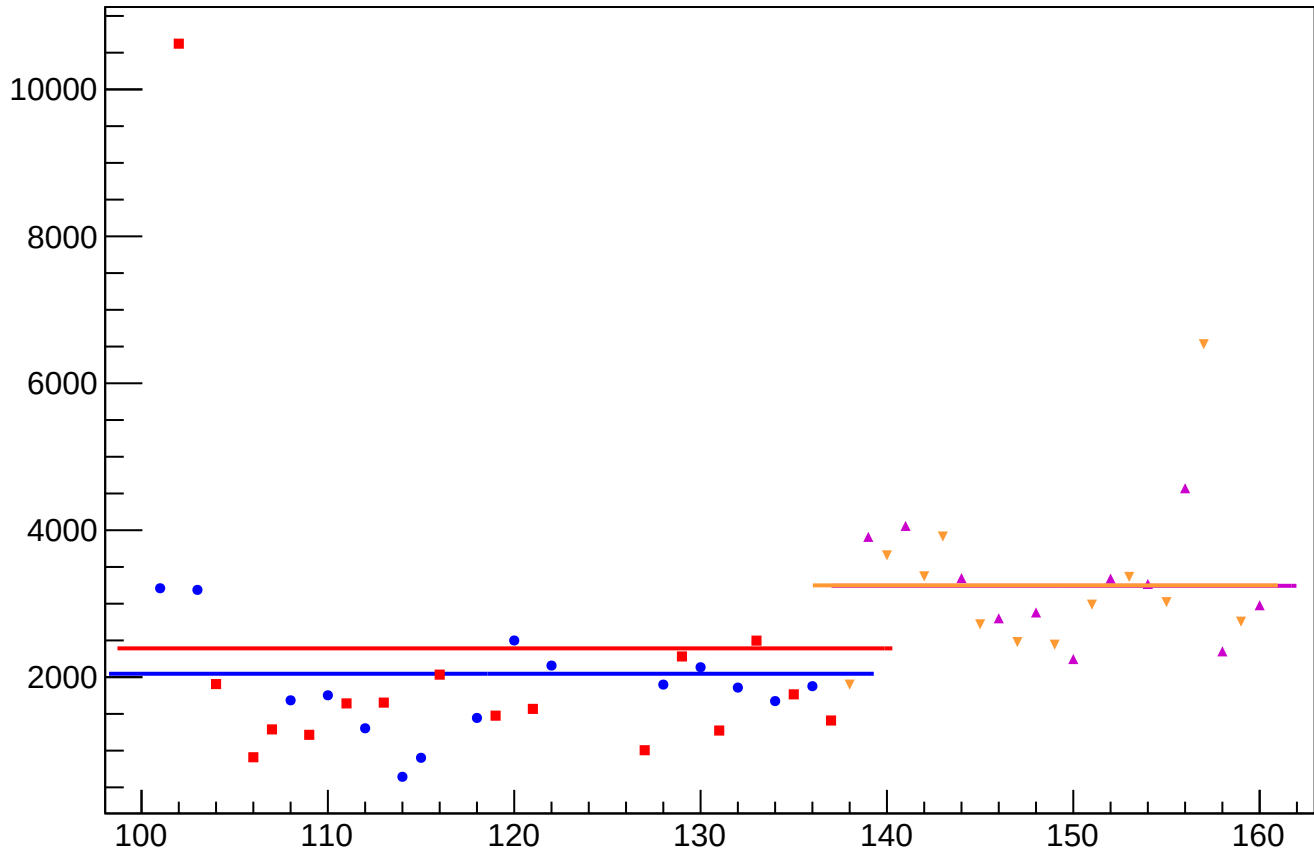
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



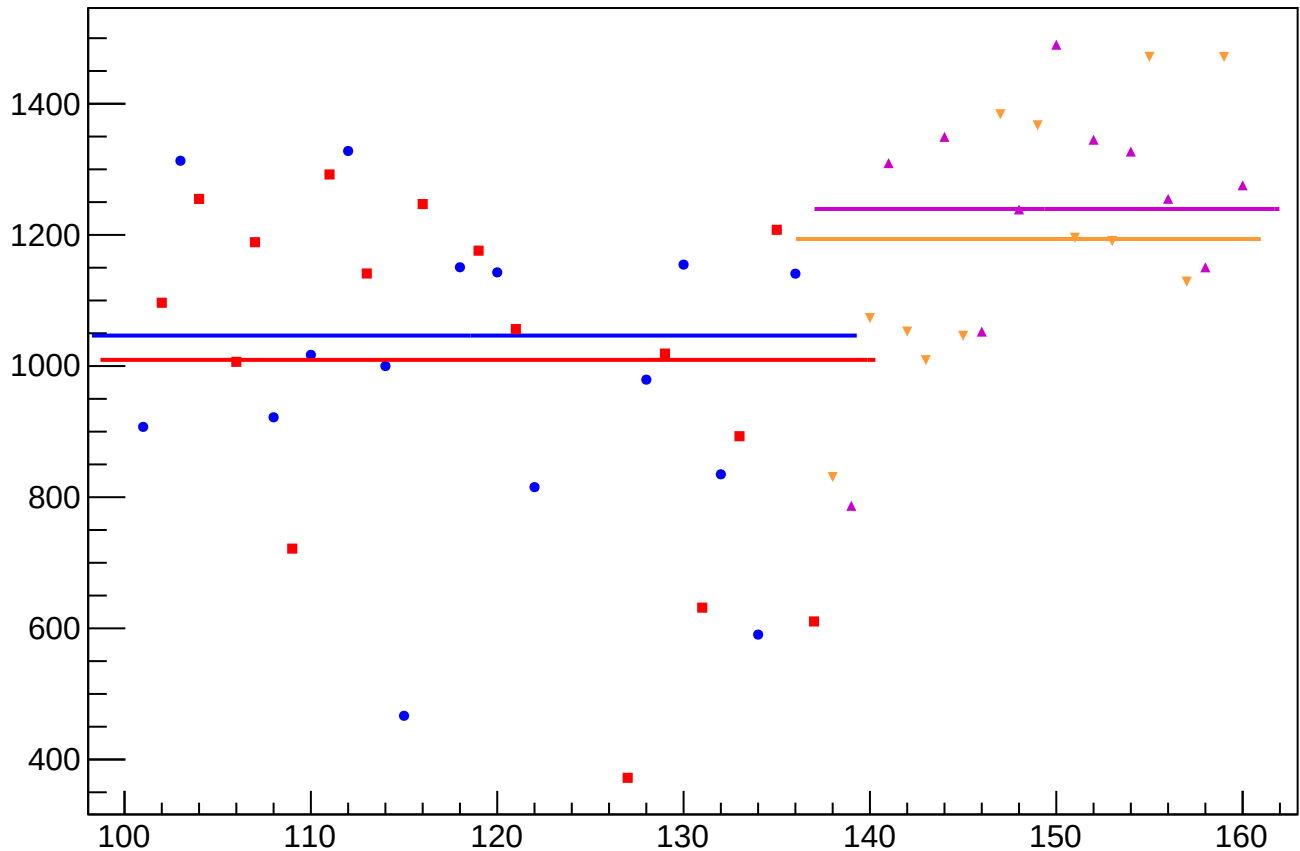
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



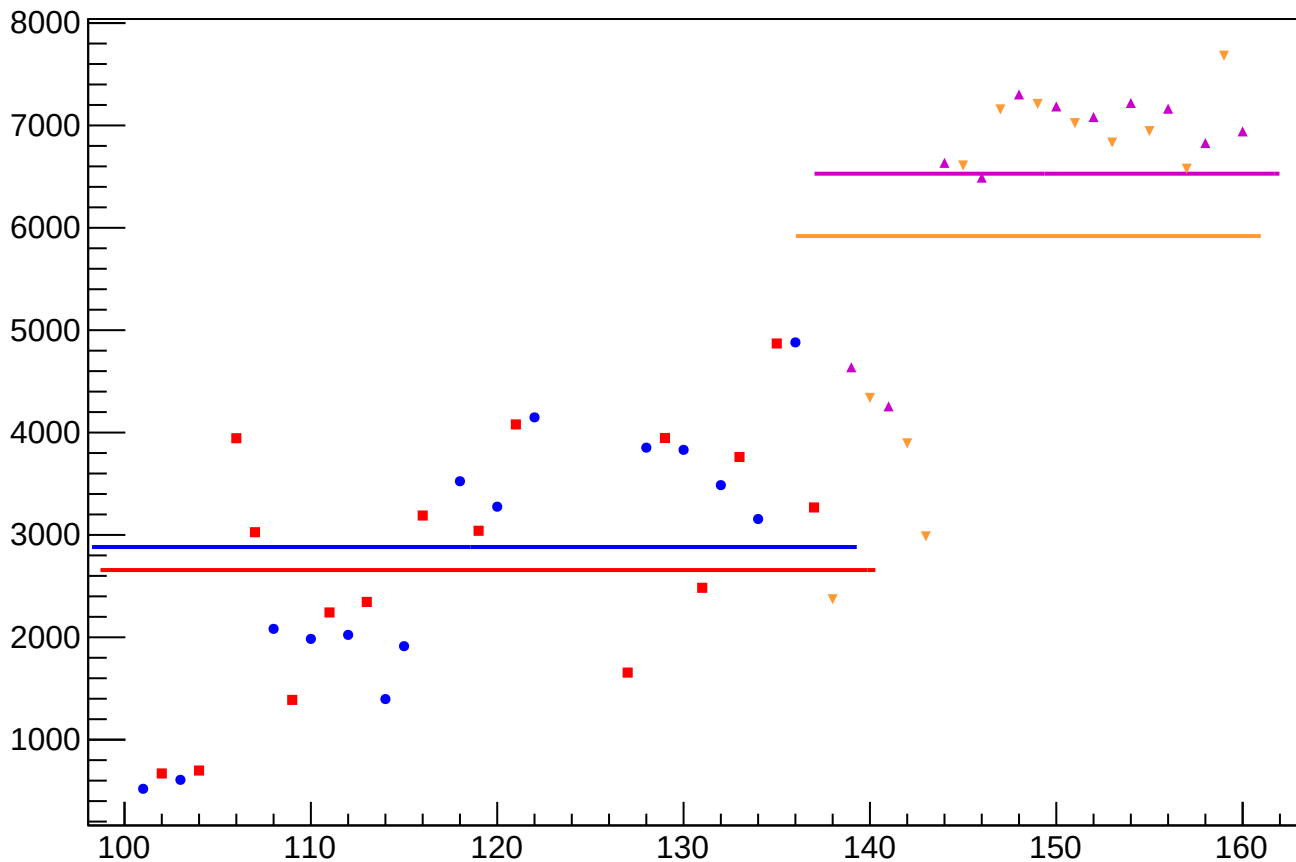
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



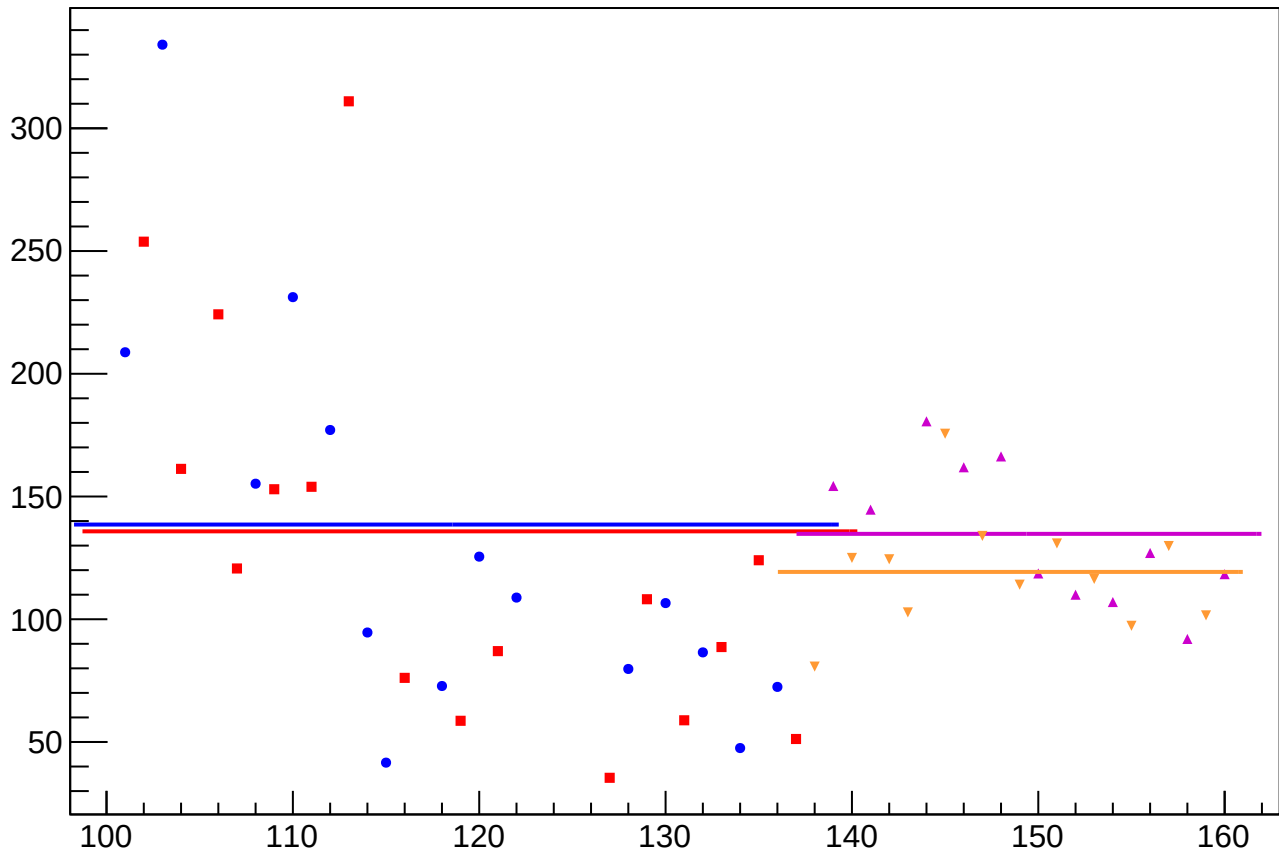
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



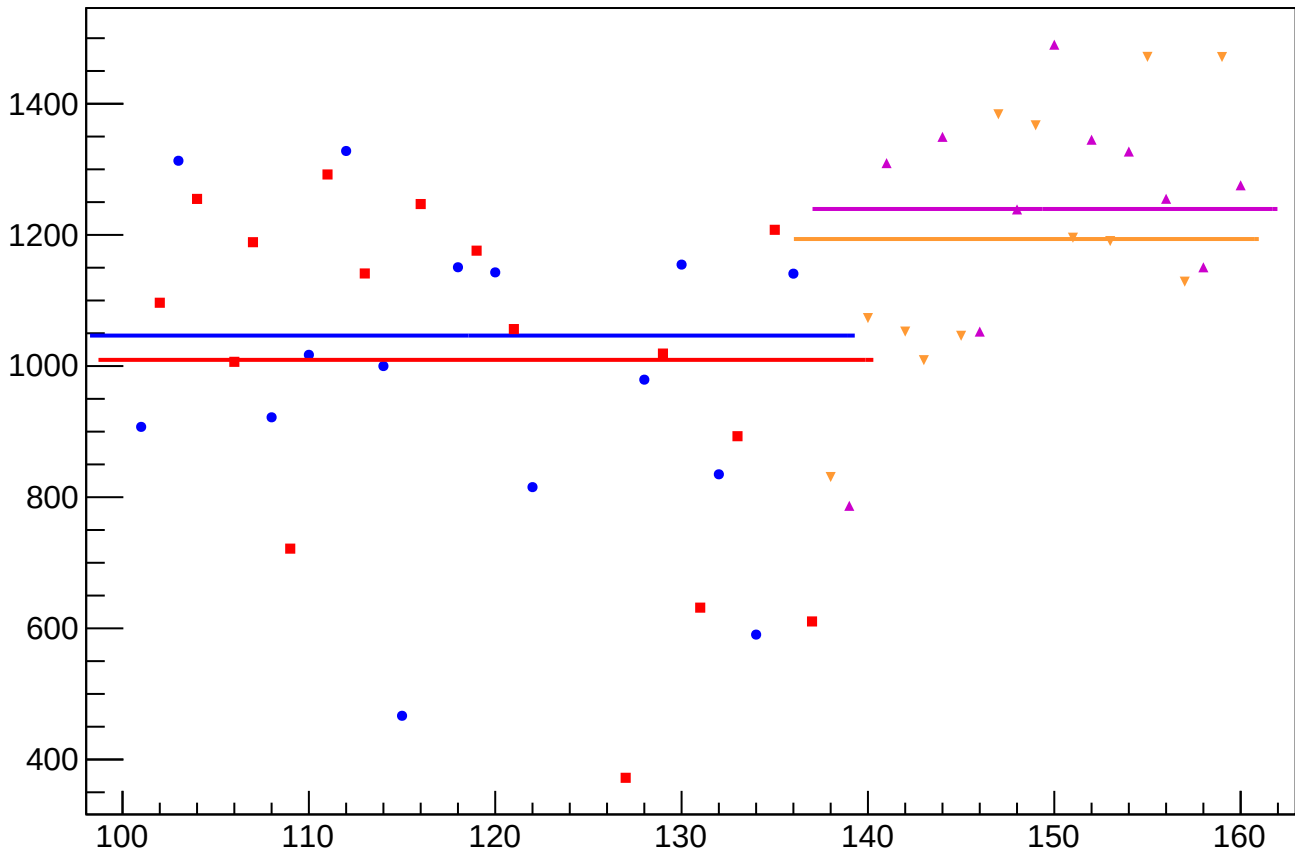
Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14	+ sign 4658.227+/-0.000	χ^2/NDF : 76011498429136
Left Out: 5919.511+/-0.000	χ^2/NDF : 2779072700024845827027981240176985767936.0/11	All: 4782.966+/-0.000	χ^2/NDF : 1547458955
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15	- sign 4905.510+/-0.000	χ^2/NDF : 78252276547187
Left In: 6528.681+/-0.000	χ^2/NDF : 940619832290547661204641528694924378112.0/10		

dit_sam1_coil1_err_mean vs Slug



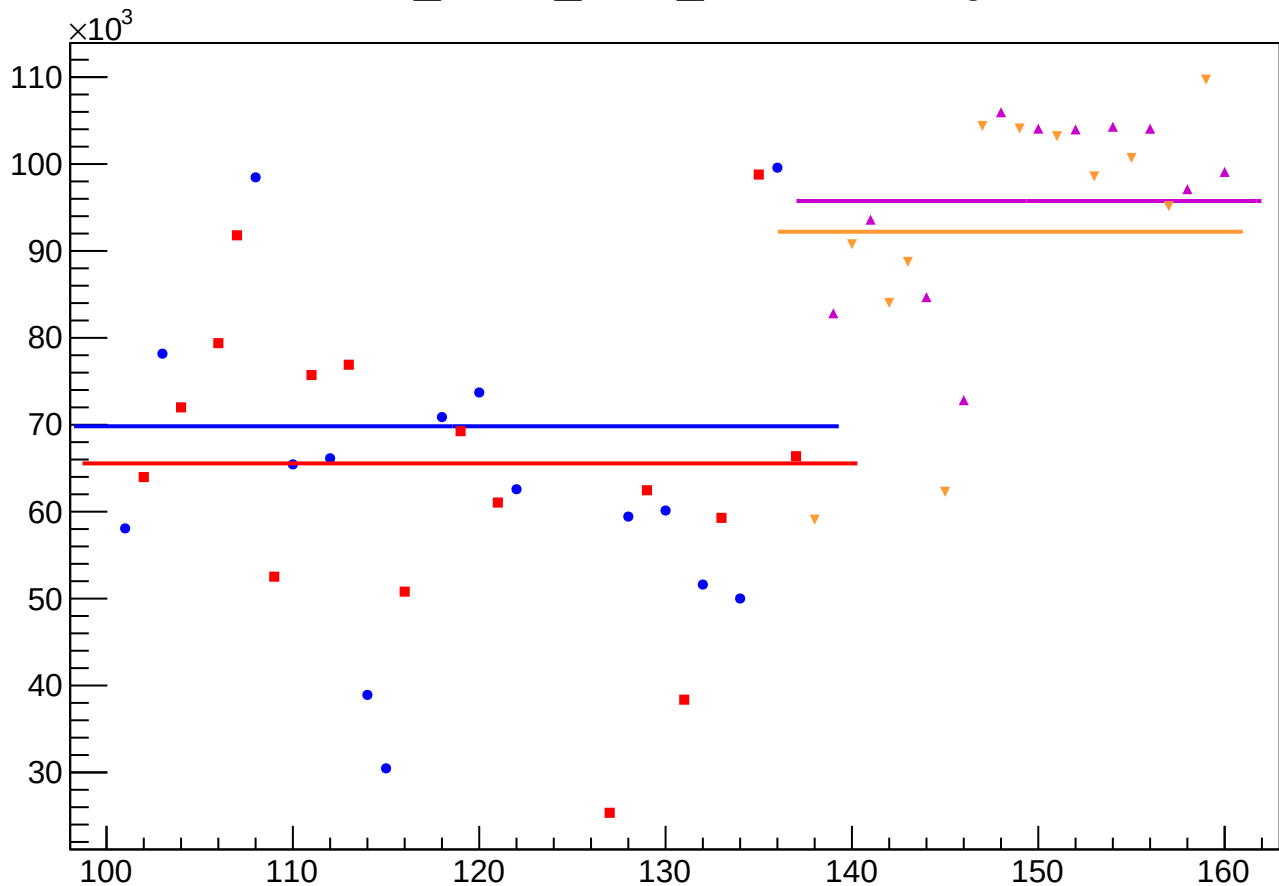
Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14
 Left Out: 119.282+/-0.000 χ^2/NDF : 487845779395217879153815293985292288.0/11
 Right Out: 135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15
 Left In: 134.785+/-0.000 χ^2/NDF : 689808602632315539029860685392642048.0/10

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

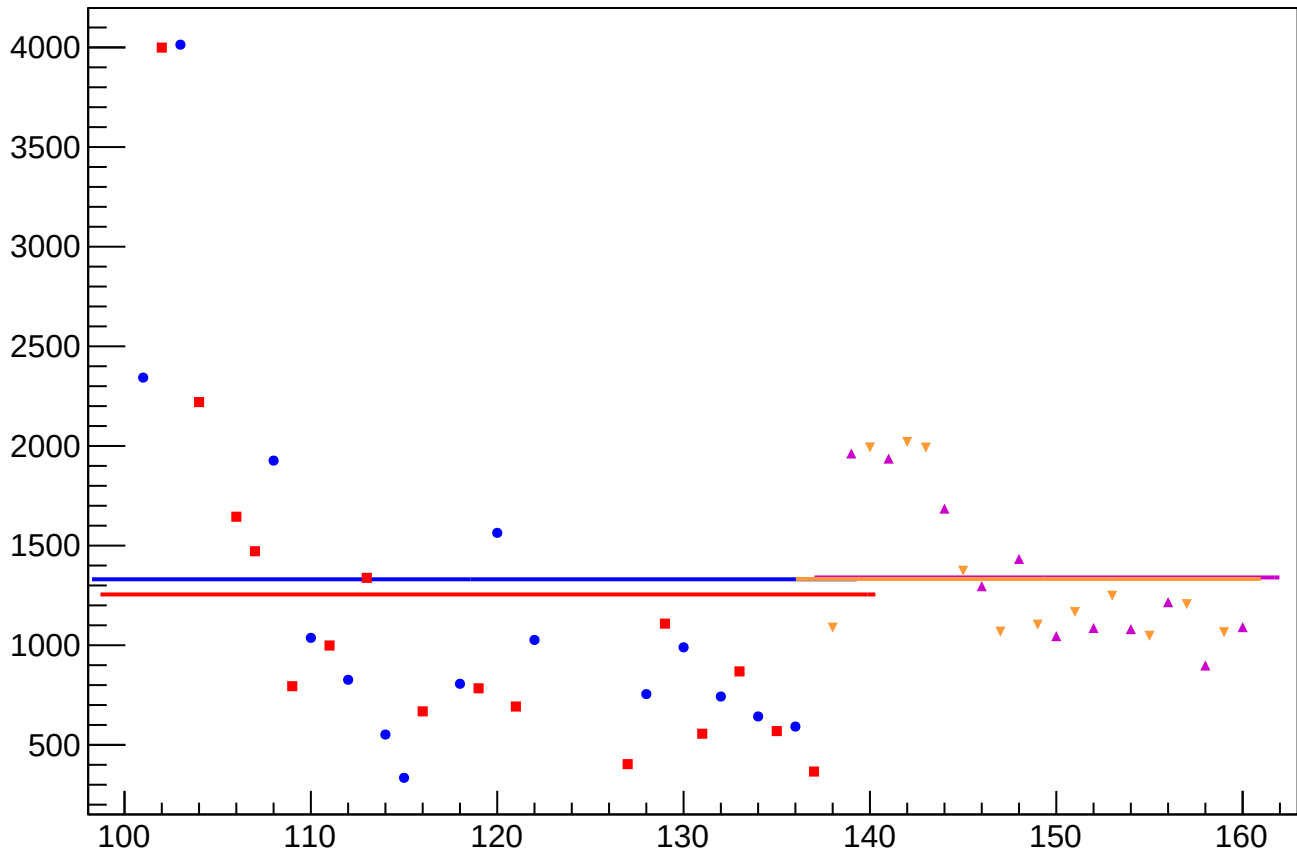
dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000	χ^2/NDF : 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698+/-0.000	χ^2/NDF : 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147+/-0.000	χ^2/NDF : 212001467811386750910625783195999741673472.0/15
Left In: 95749.411+/-0.000	χ^2/NDF : 102376761881530271427340284738693826084864.0/10

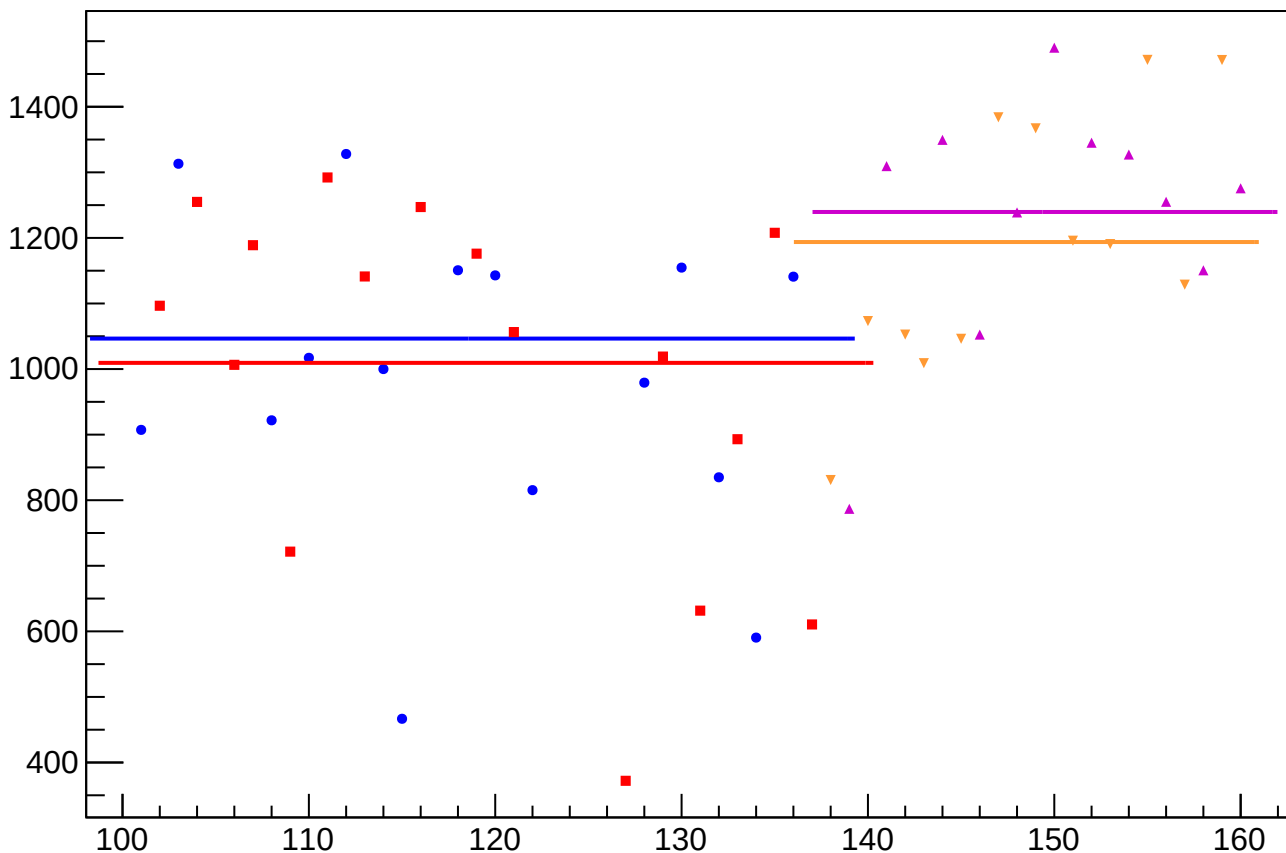
+ sign 82916.711+/-0.000 χ^2/NDF : 6045168976255
 All: 83004.616+/-0.000 χ^2/NDF : 1272083143
 - sign 83090.974+/-0.000 χ^2/NDF : 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1332.669+/-0.000 χ^2/NDF : 117488793251165999850417206895273050112.0/11
 Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

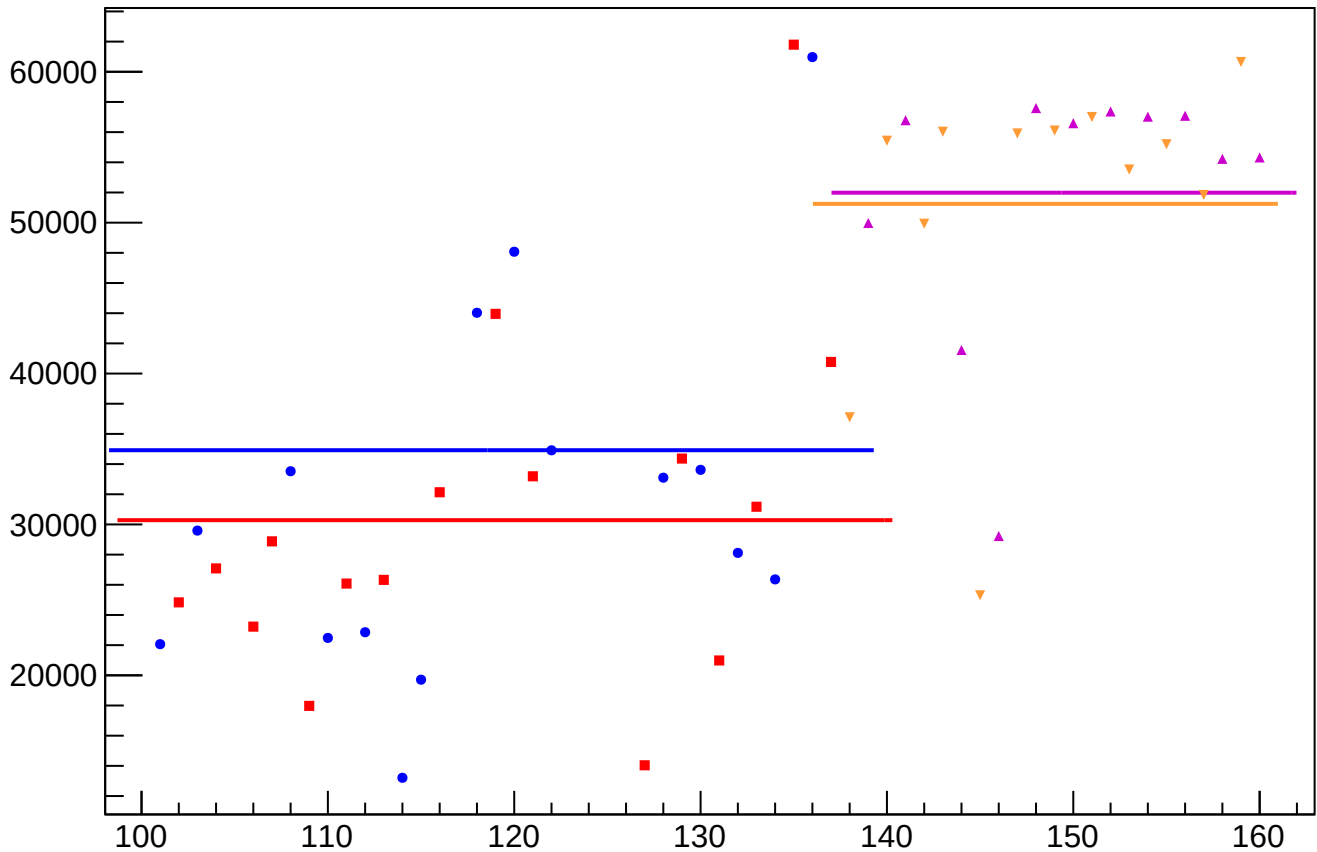
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

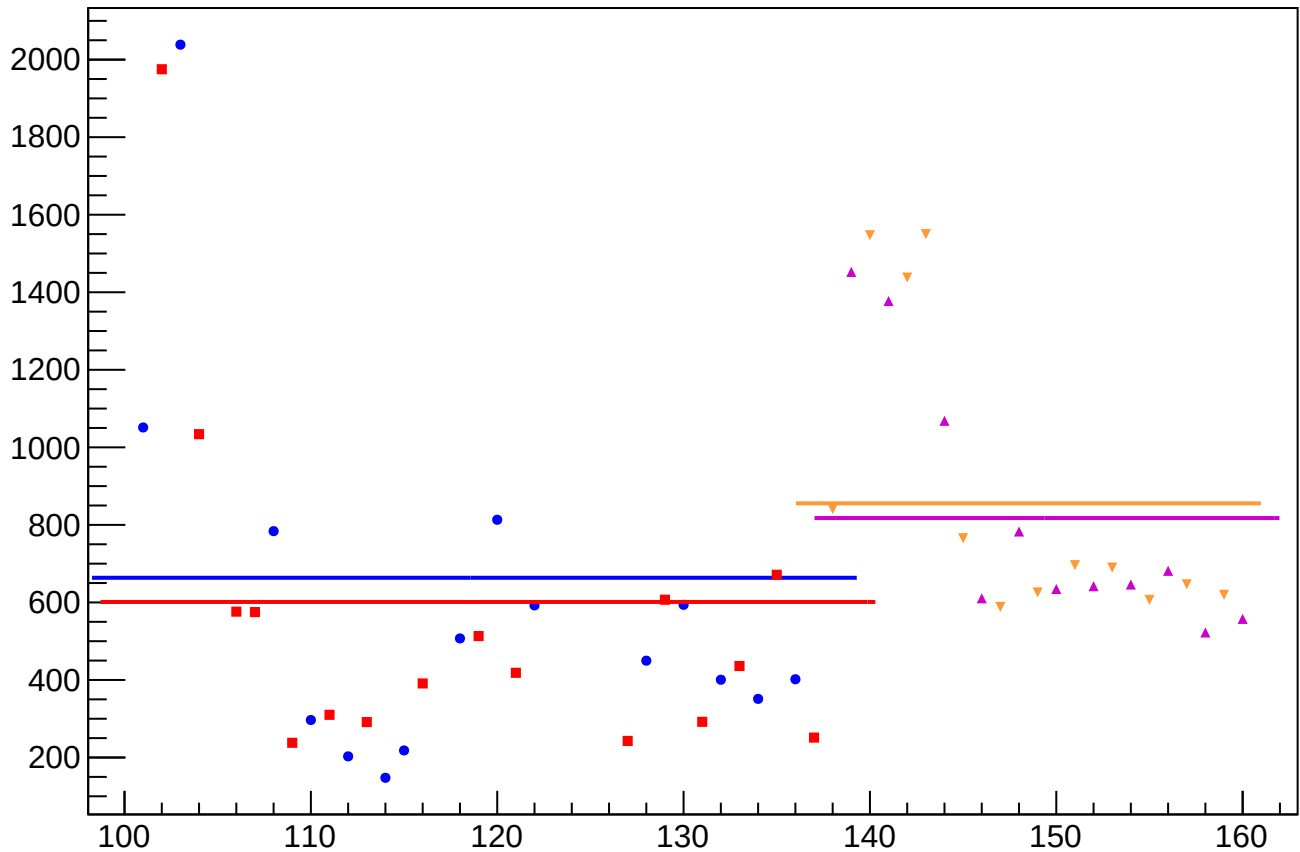
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 51246.568+/-0.000	χ^2/NDF : 86168540614102445062046954668602534395904.0/11
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 51985.374+/-0.000	χ^2/NDF : 67172587579518863379504132116294676774912.0/10

+ sign 44467.216+/-0.000 χ^2/NDF : 2937224586407
 All: 43669.971+/-0.000 χ^2/NDF : 6336704207
 - sign 42886.756+/-0.000 χ^2/NDF : 3379785593938

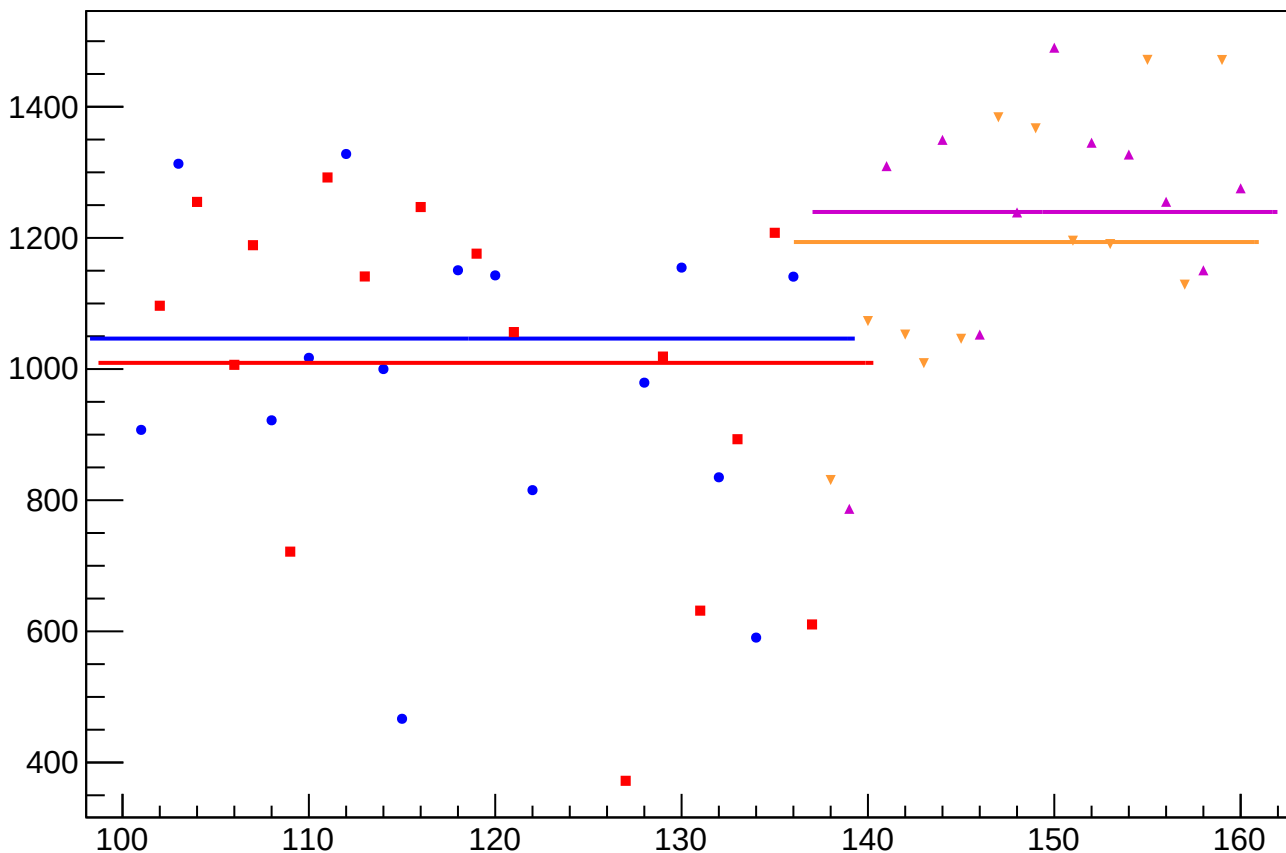
dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000	χ^2/NDF : 157691812872720822886914966597312446464.0/14
Left Out: 855.627+/-0.000	χ^2/NDF : 114895226746628689144721696446463606784.0/11
Right Out: 601.216+/-0.000	χ^2/NDF : 149717884331889332339995334350831878144.0/15
Left In: 817.657+/-0.000	χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303
 All: 751.182+/-0.000 χ^2/NDF : 546770040595
 - sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

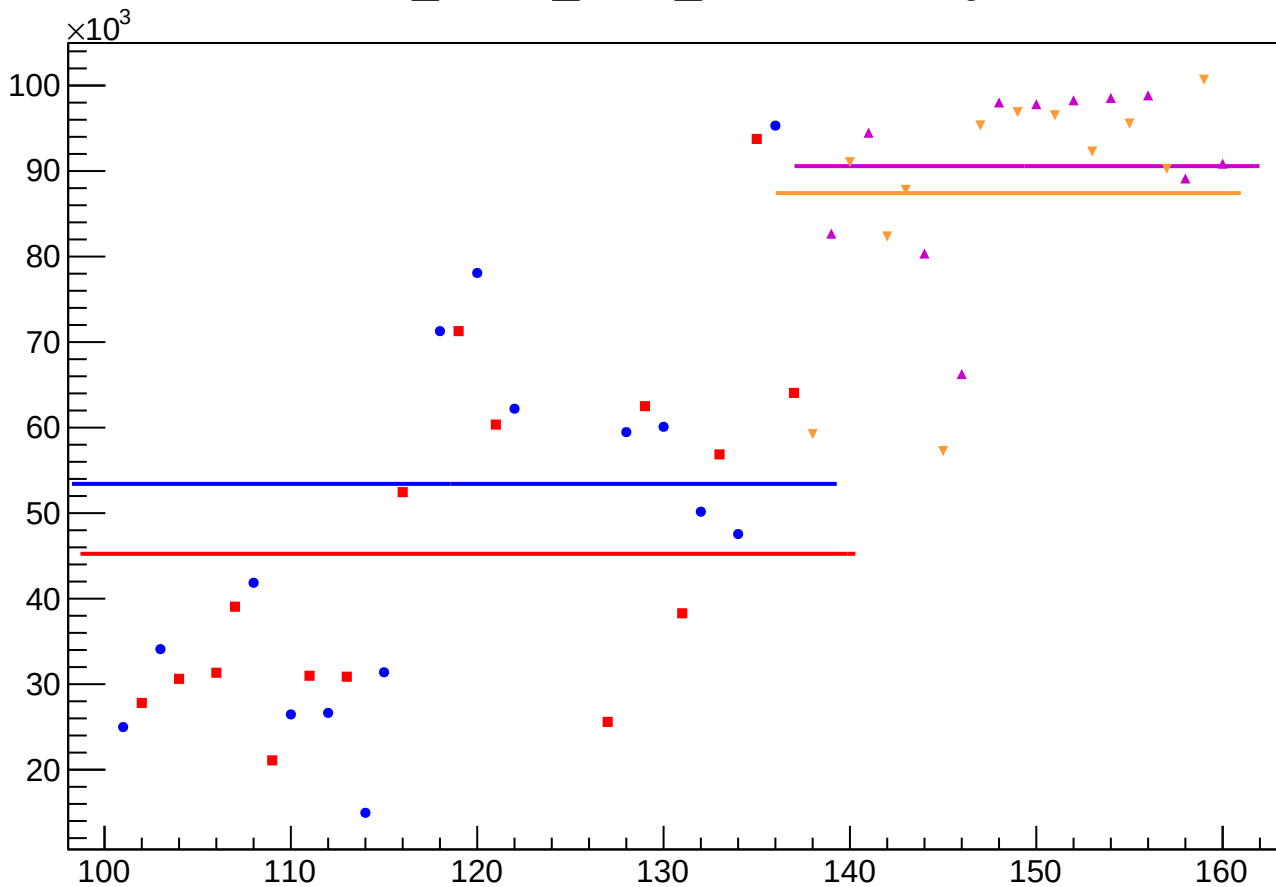
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

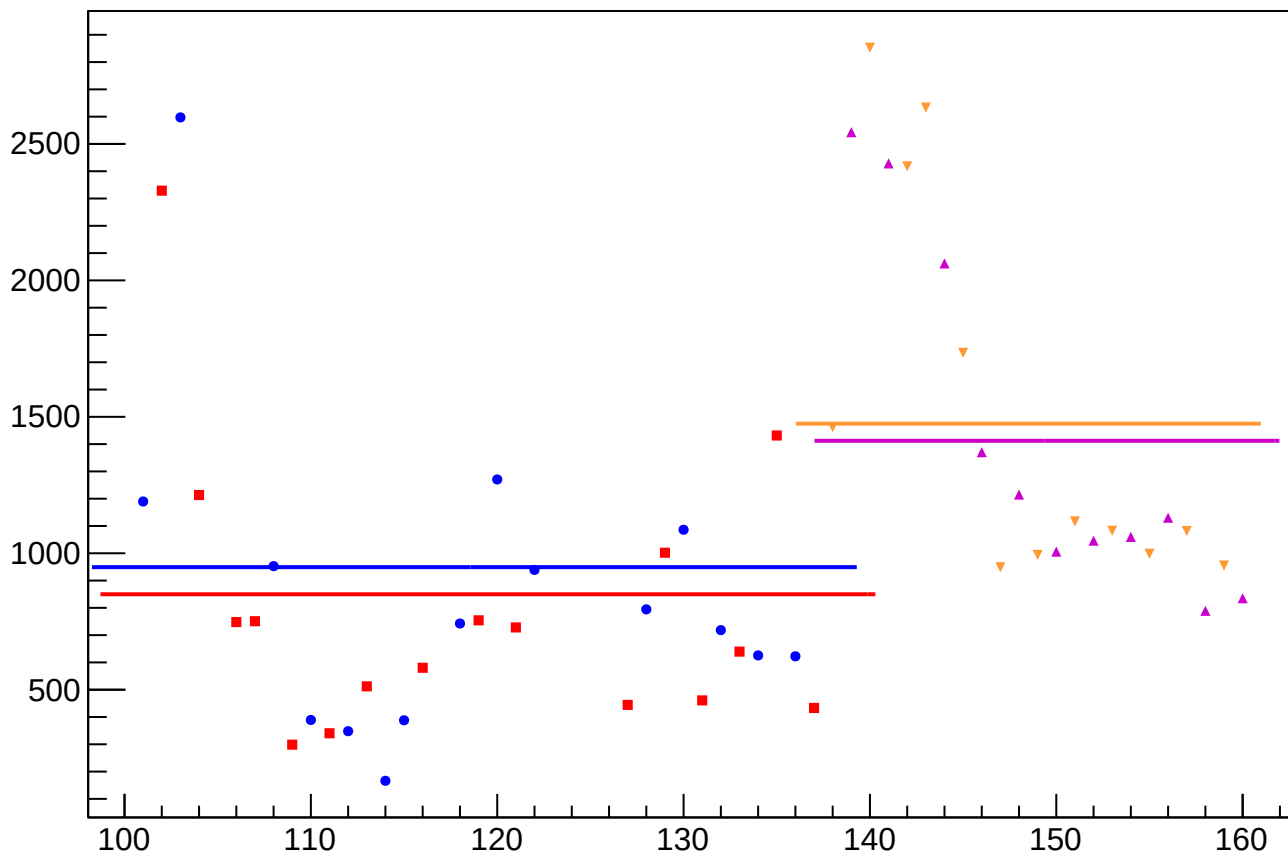
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam4_coil1_mean vs Slug



Right In: 53422.452 ± 0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 87421.965 ± 0.000 χ^2/NDF : 176009447933973172298765808269588074332160.0/11
 Right Out: 45247.617 ± 0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760 ± 0.000 χ^2/NDF : 90574081394354221593949262312406685581312.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

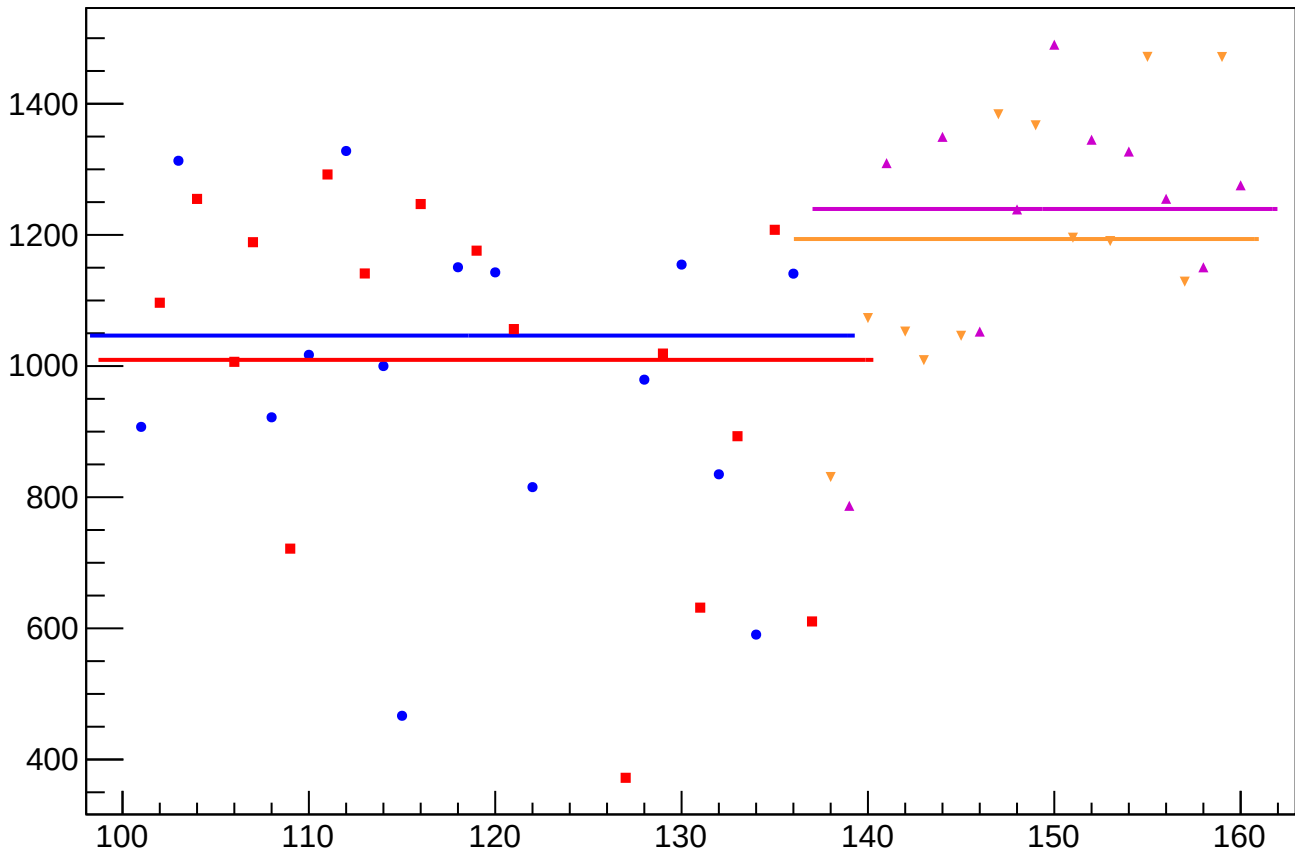
Left Out: 1474.996+/-0.000 χ^2/NDF : 407776279141254062636078508853738602496.0/11

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210
All: 1216.192+/-0.000 χ^2/NDF : 14031243171
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

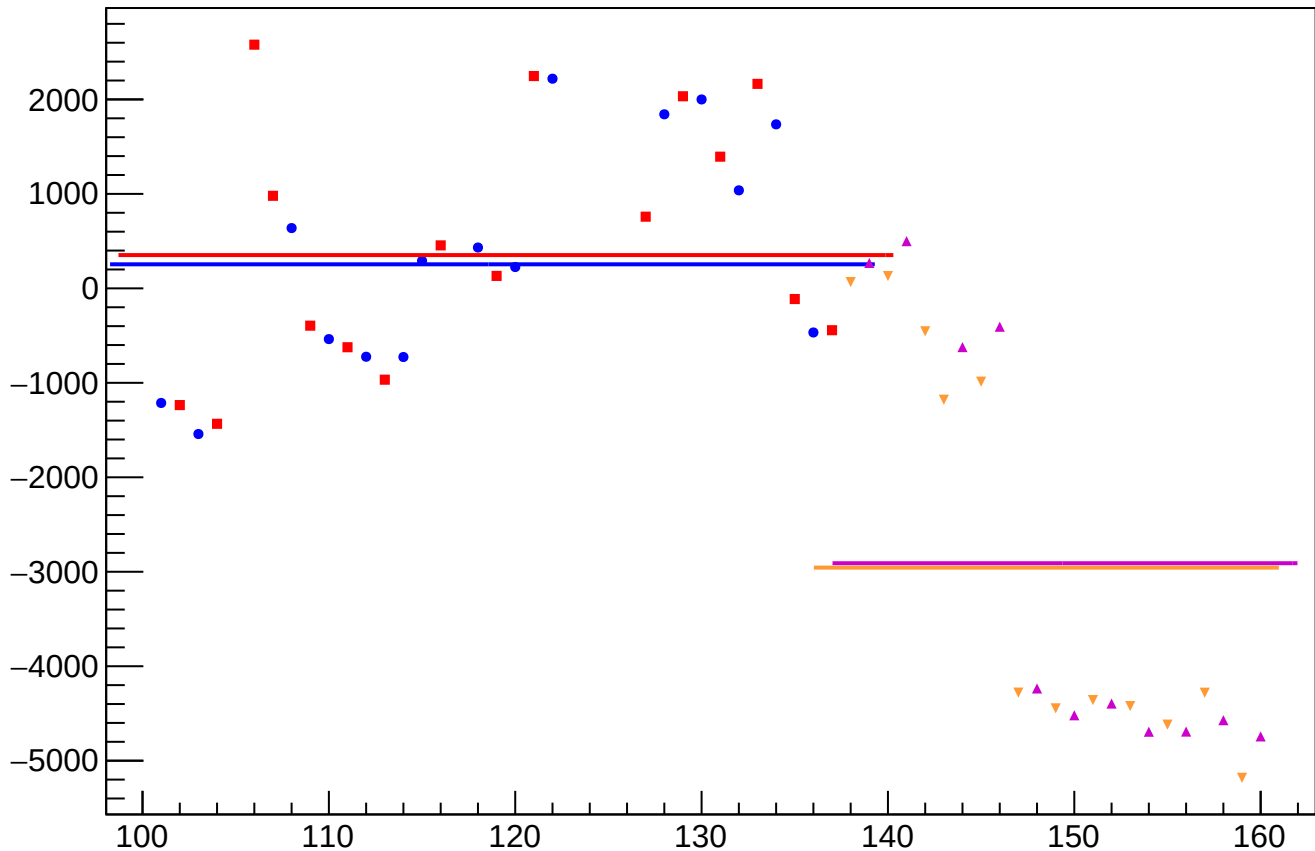
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

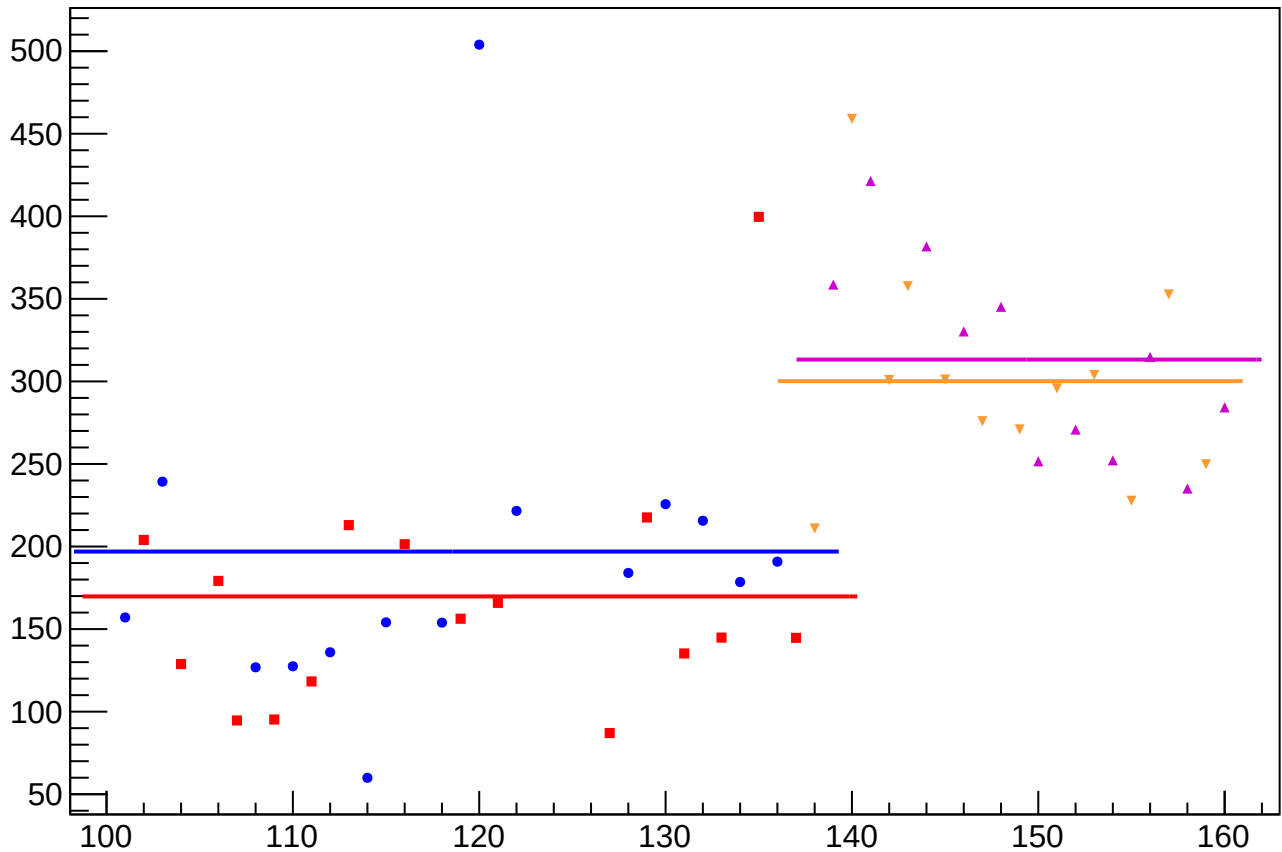
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_sam5_coil1_mean vs Slug



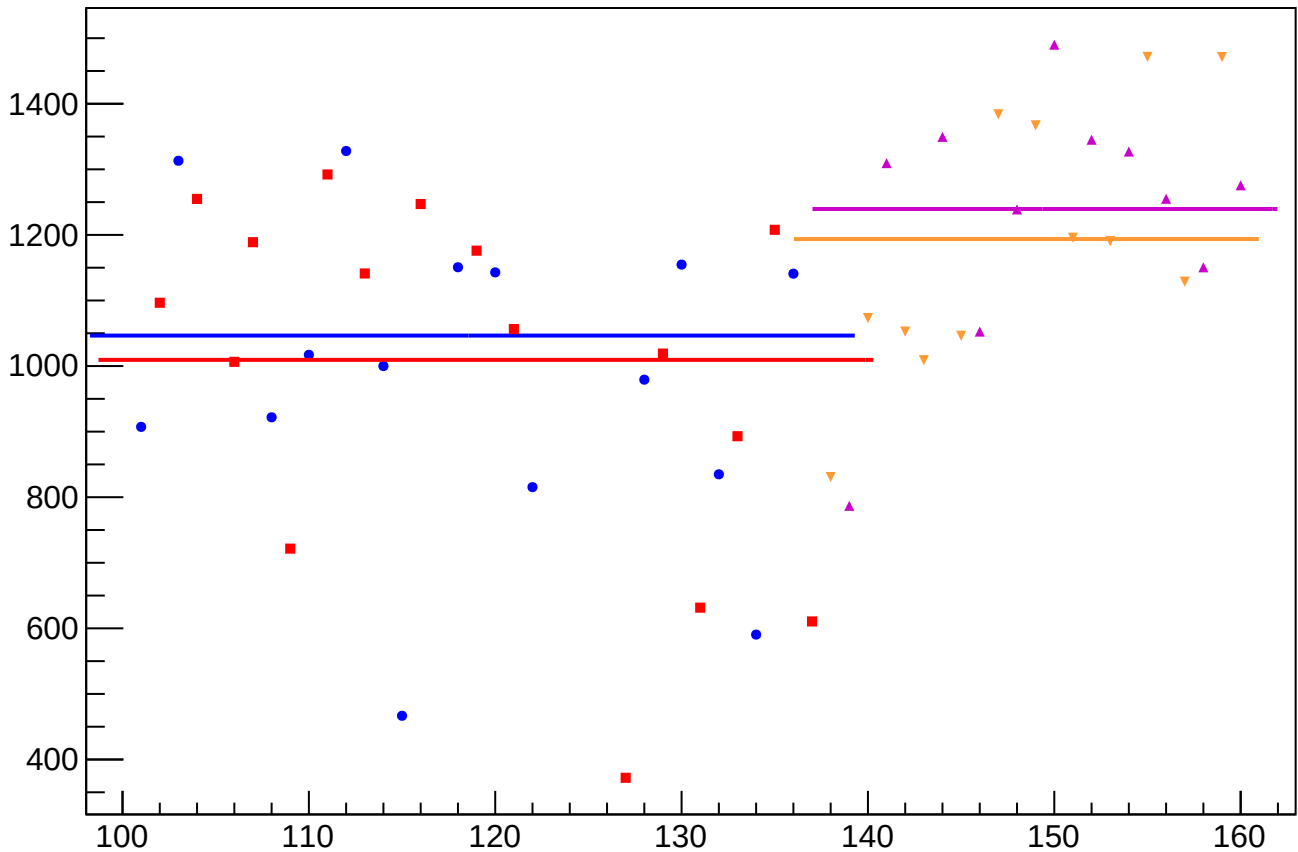
Right In: 254.578 ± 0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997 ± 0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308 ± 0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545 ± 0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



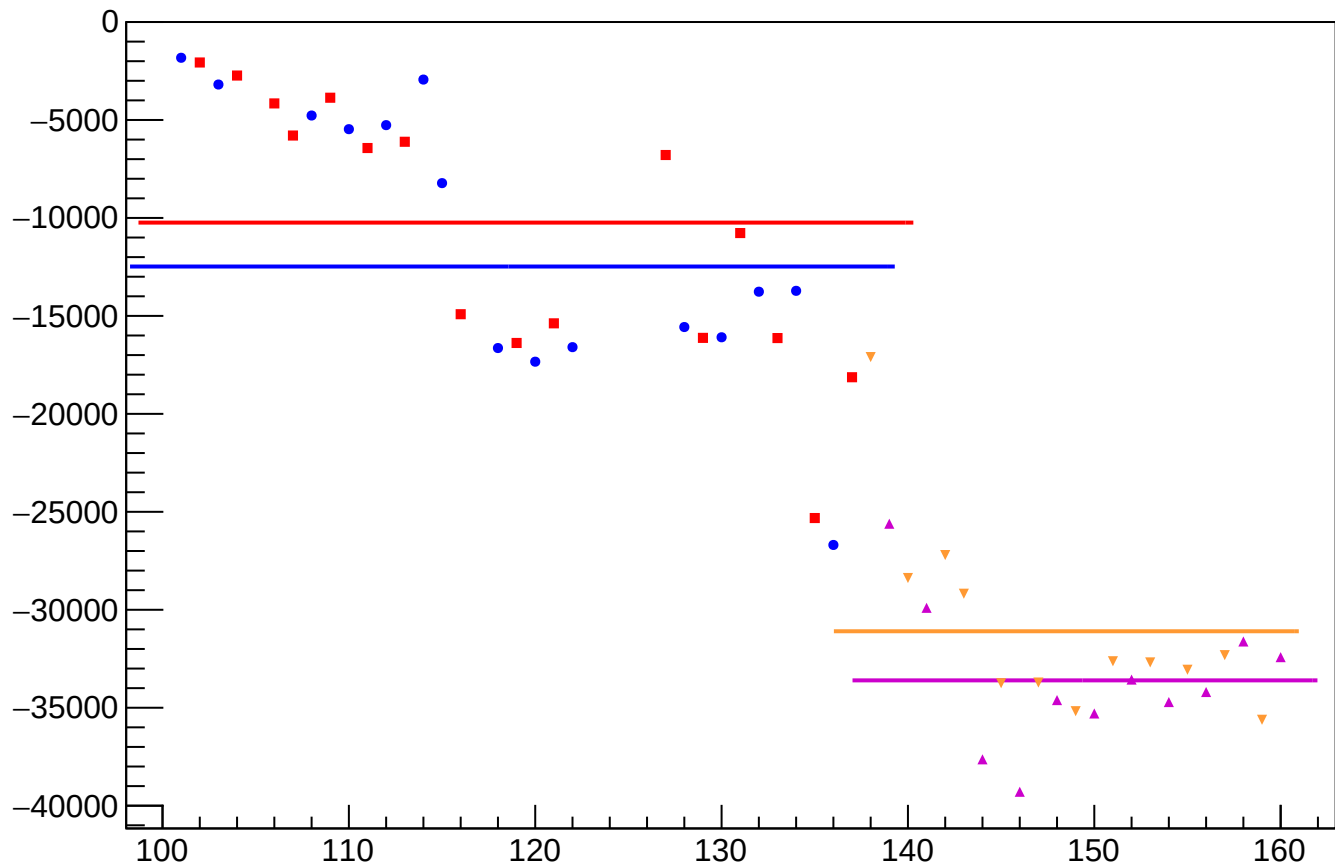
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 253.089+/-0.000	χ^2/NDF : 149429007533601
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10		

dit_sam5_coil1_Ndata_mean vs Slug



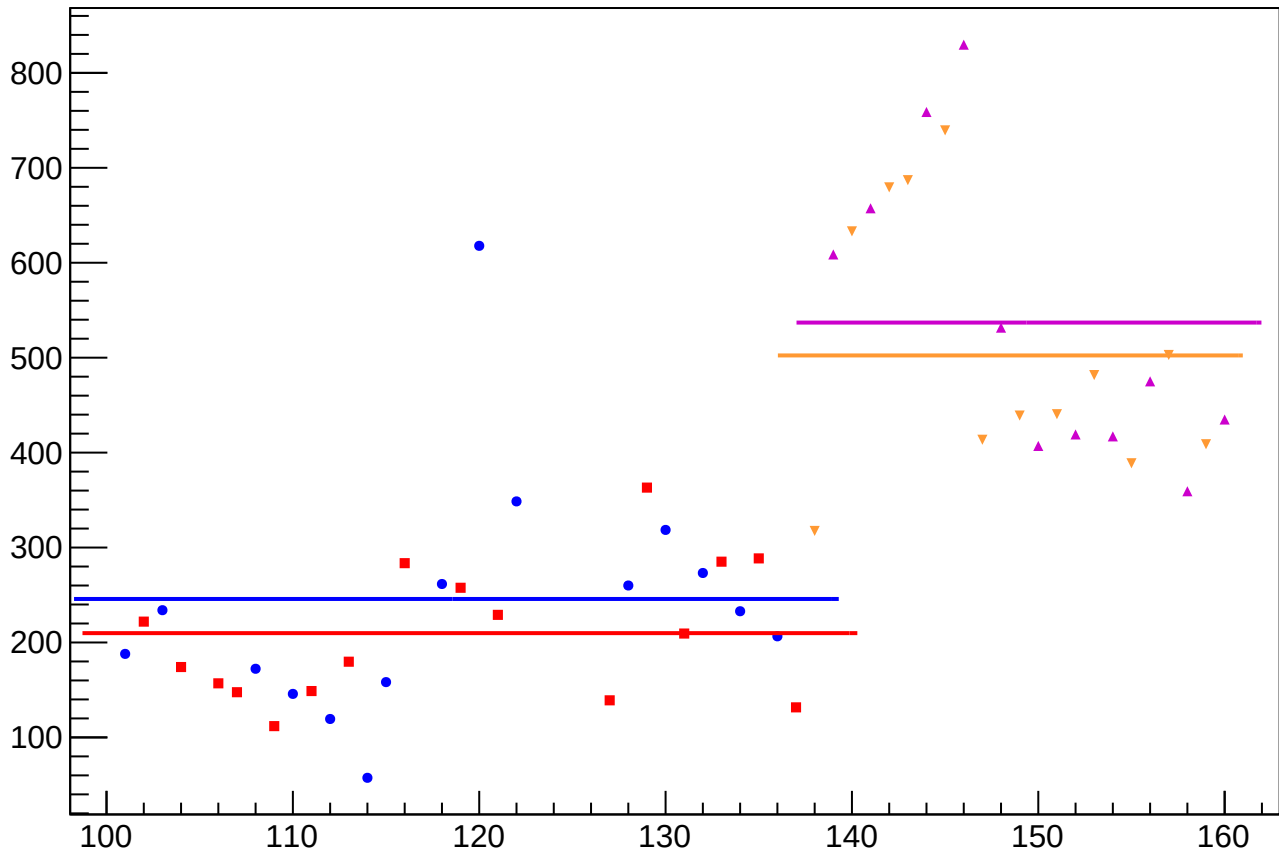
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



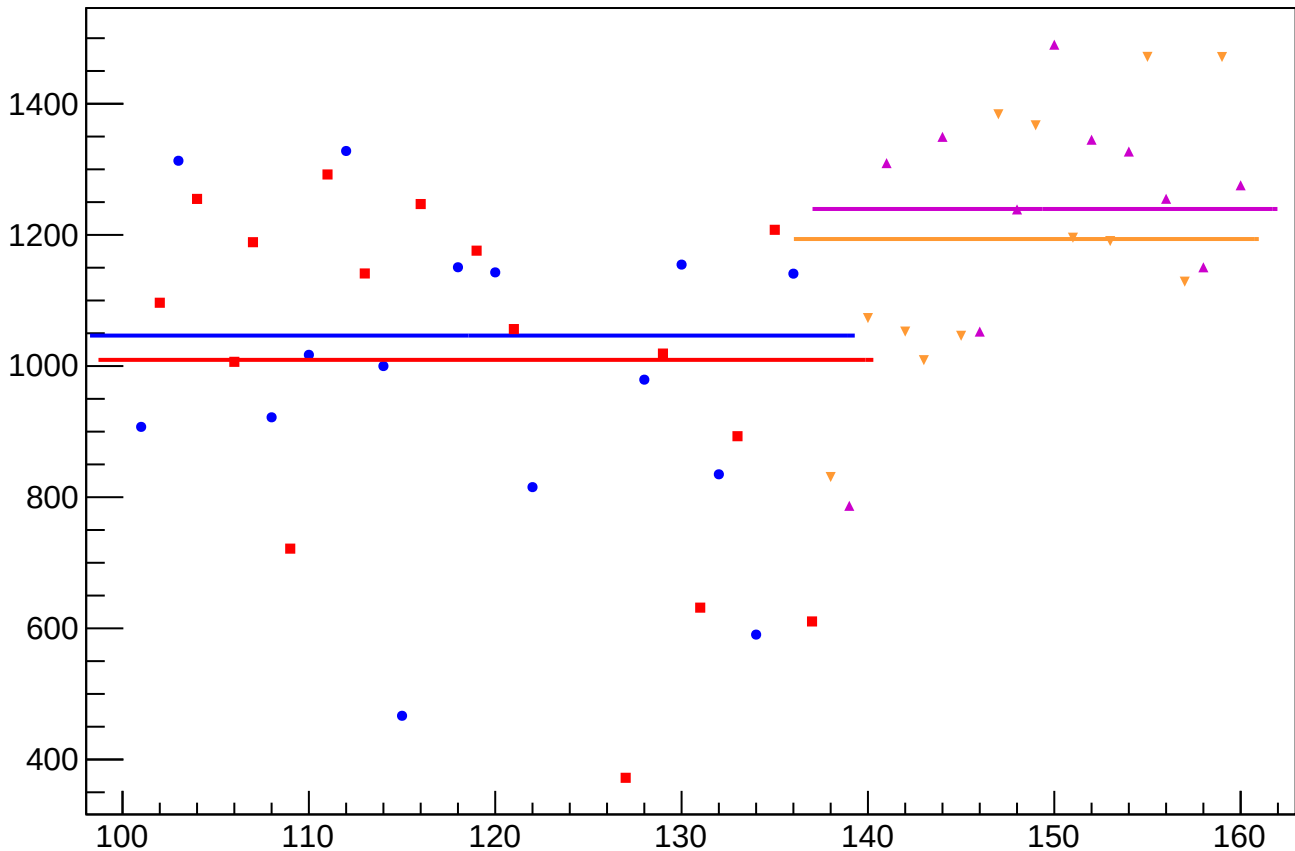
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -31096.364+/-0.000 χ^2/NDF : 21759430970673179273891990313759368282112.0/11
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



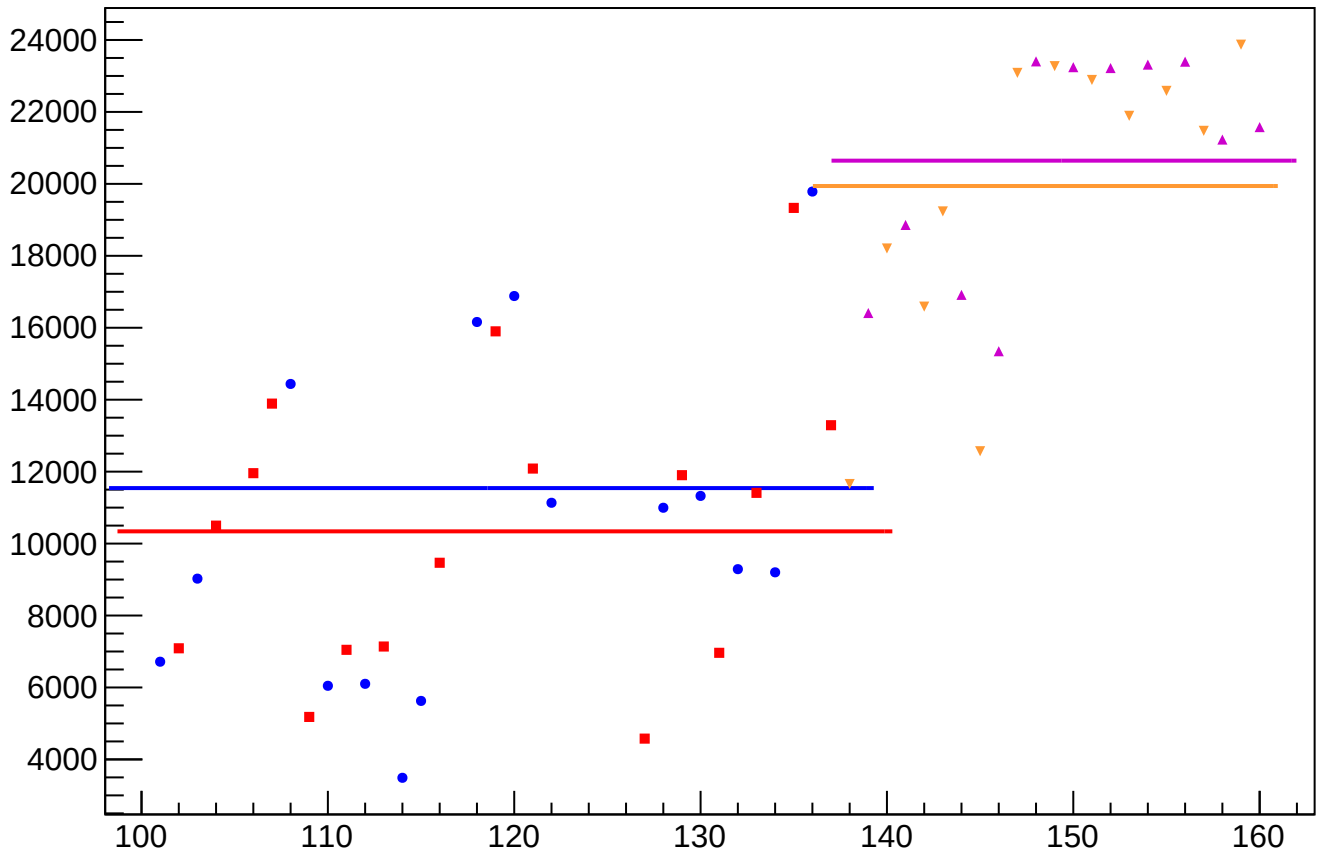
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- sign 399.831+/-0.000	χ^2/NDF : 653859962401754
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



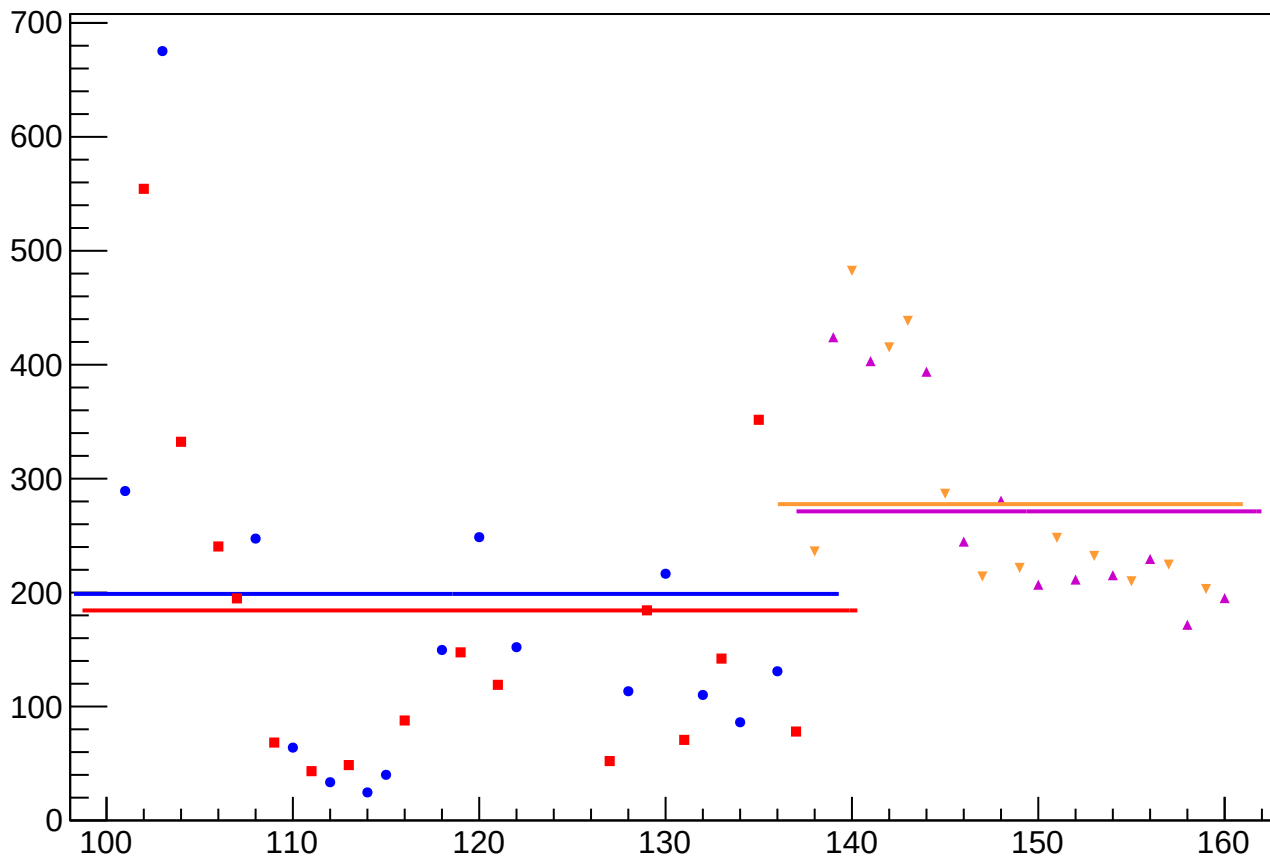
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19940.398+/-0.000 χ^2/NDF : 15069486743345866506868658008400293003264.0/11
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

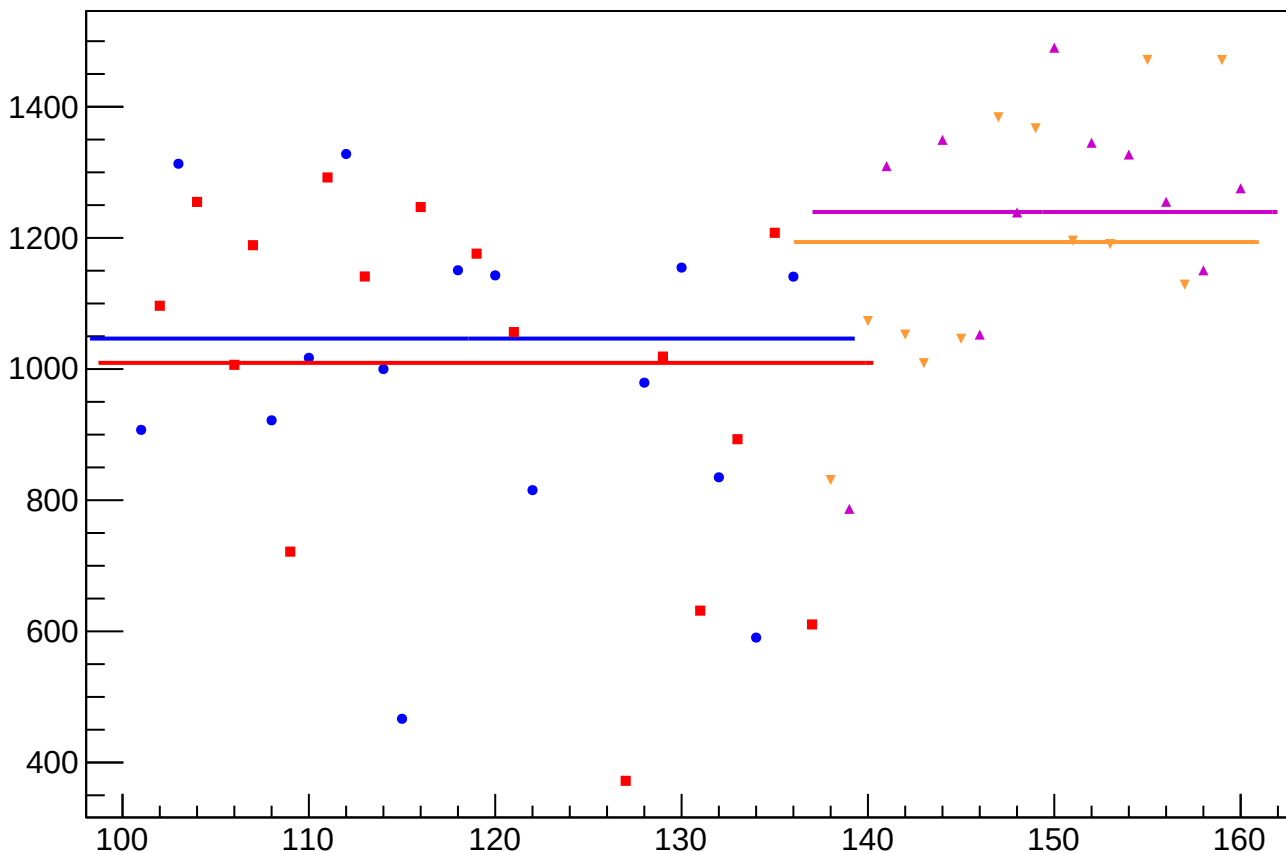
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF : 287284397950927

All: 239.833+/-0.000 χ^2/NDF : 537780837700

- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

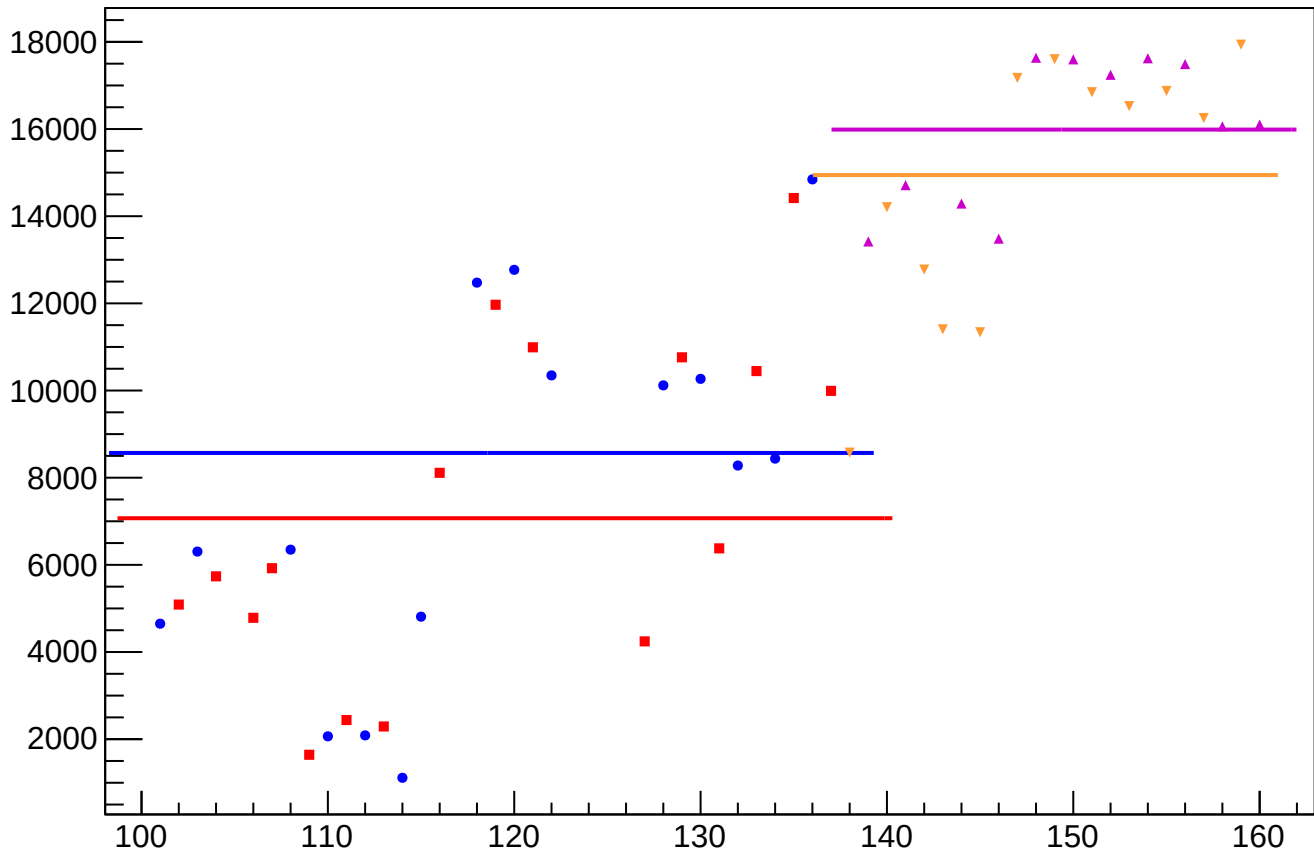
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

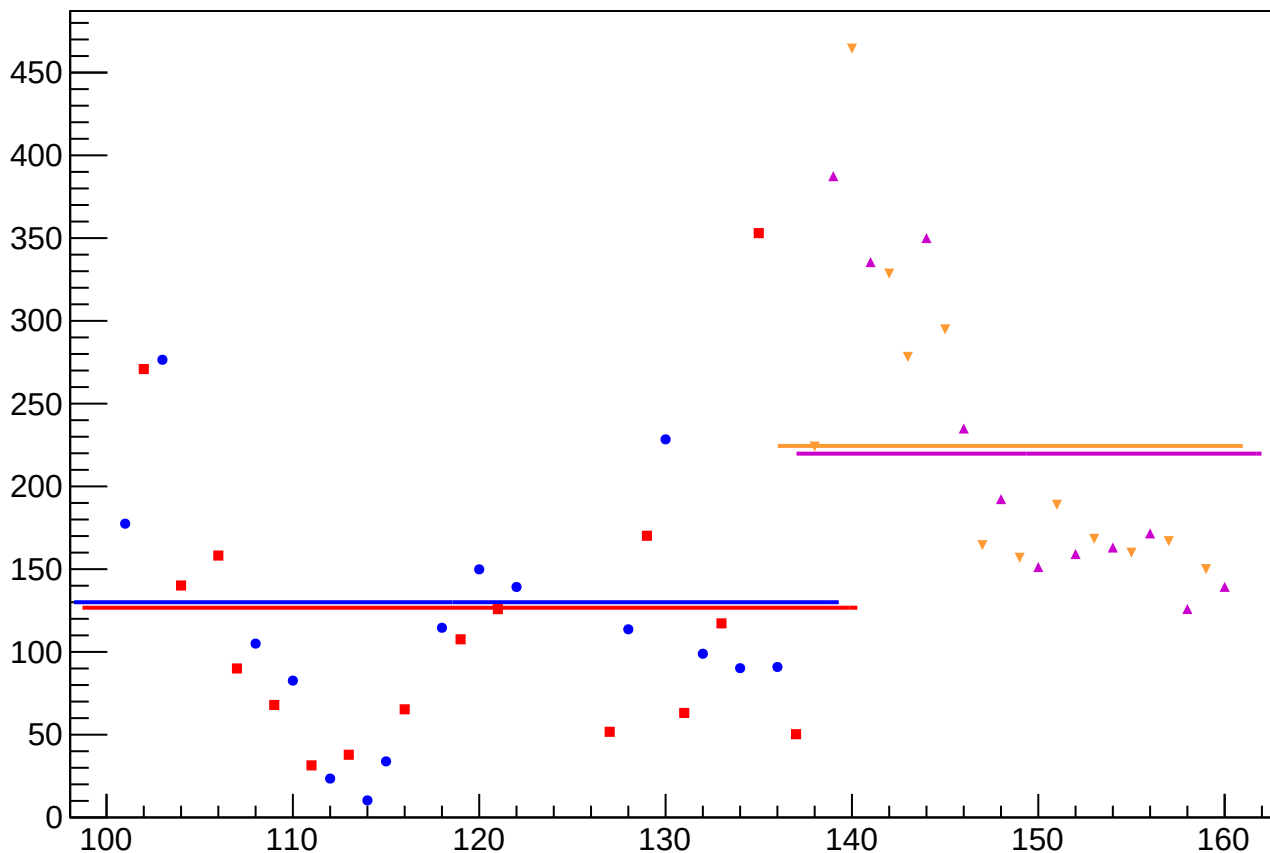
All: 1137.884+/-0.000 χ^2/NDF : 16179959910.0/40

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 247039342825481572862908332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14

Left Out: 224.458+/-0.000 χ^2/NDF : 7870394140048491055430374232164401152.0/11

Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15

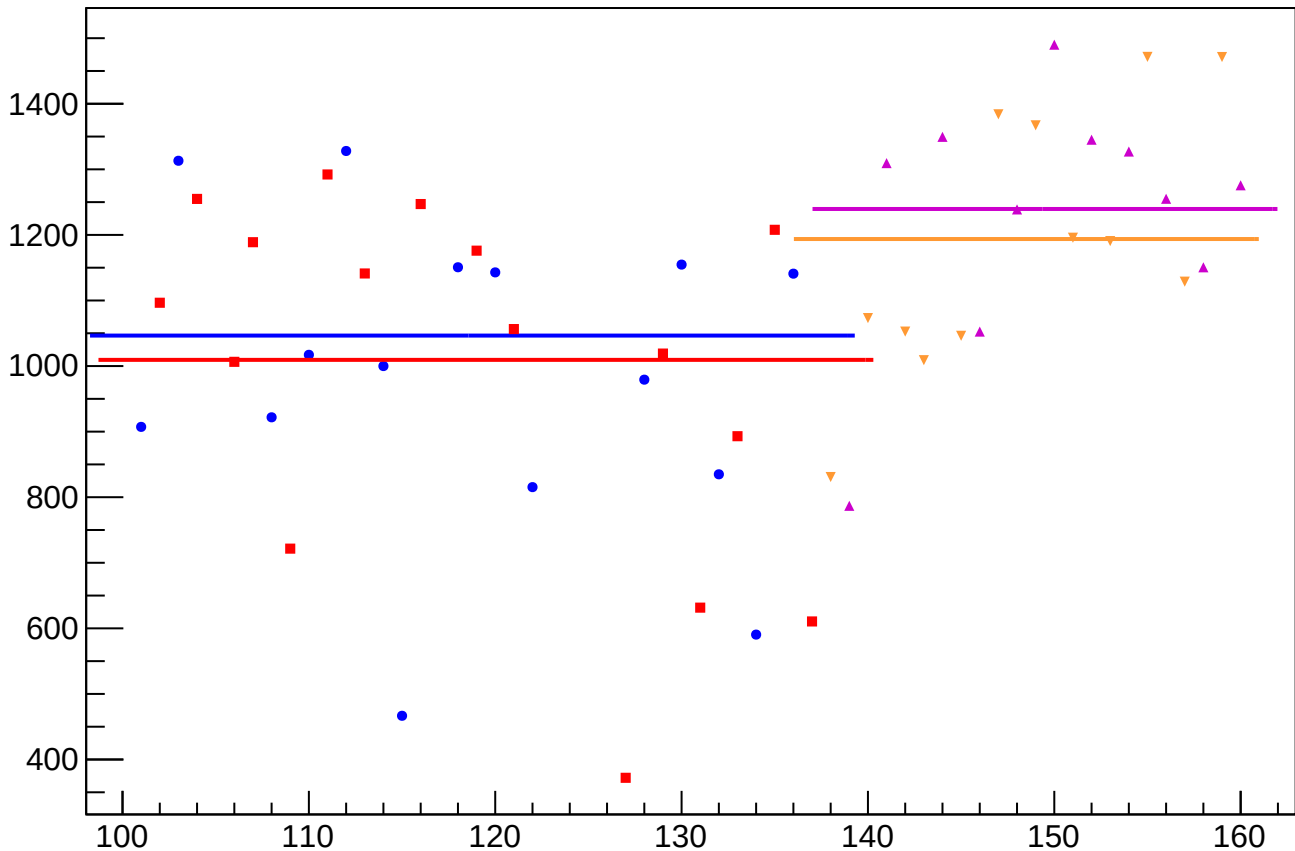
Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

+ sign 185.245+/-0.000 χ^2/NDF : 143703436446713

All: 182.985+/-0.000 χ^2/NDF : 30557896618

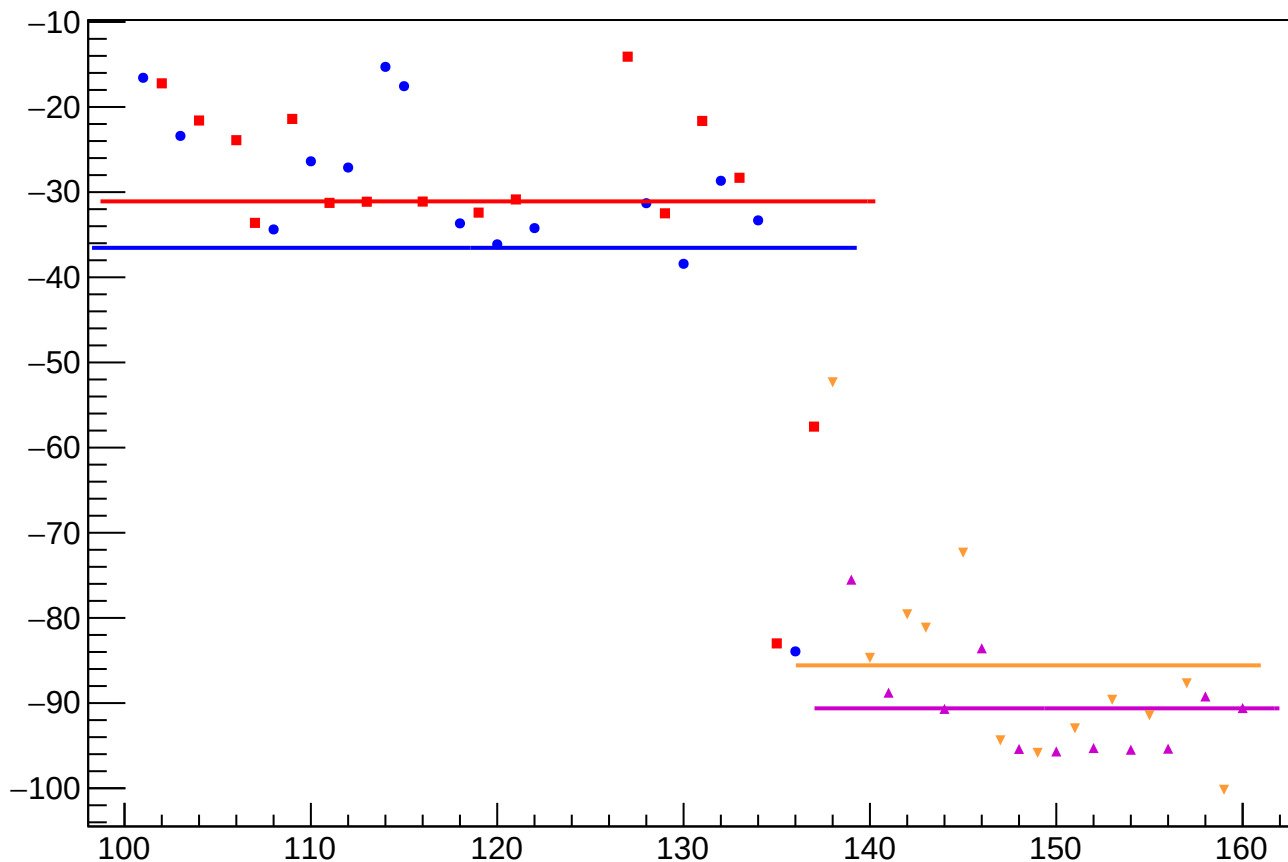
- sign 180.765+/-0.000 χ^2/NDF : 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540 ± 0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.570 ± 0.000 χ^2/NDF : 143557776257547990865591640732467200.0/11

Right Out: -31.085 ± 0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

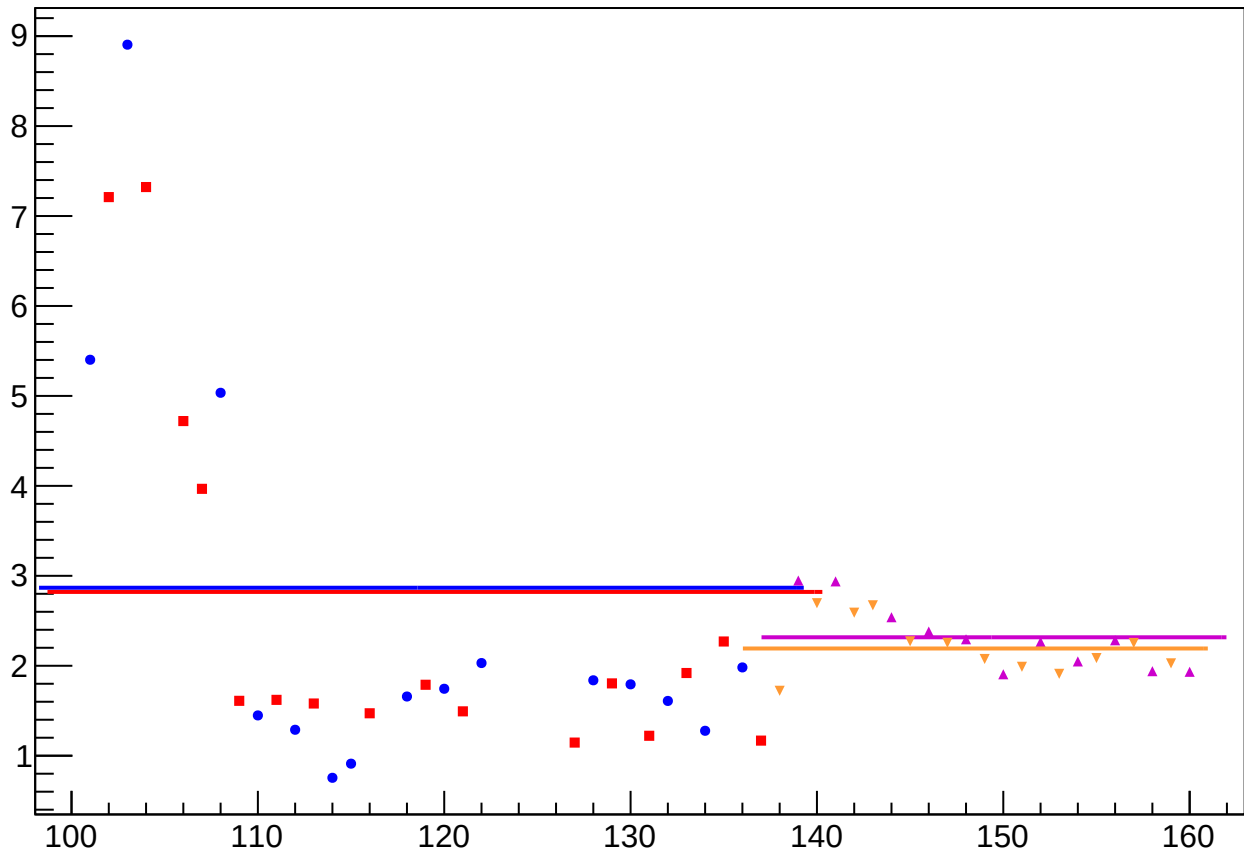
Left In: -90.618 ± 0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212 ± 0.000 χ^2/NDF : 131026728865009

All: -65.438 ± 0.000 χ^2/NDF : 289770508585

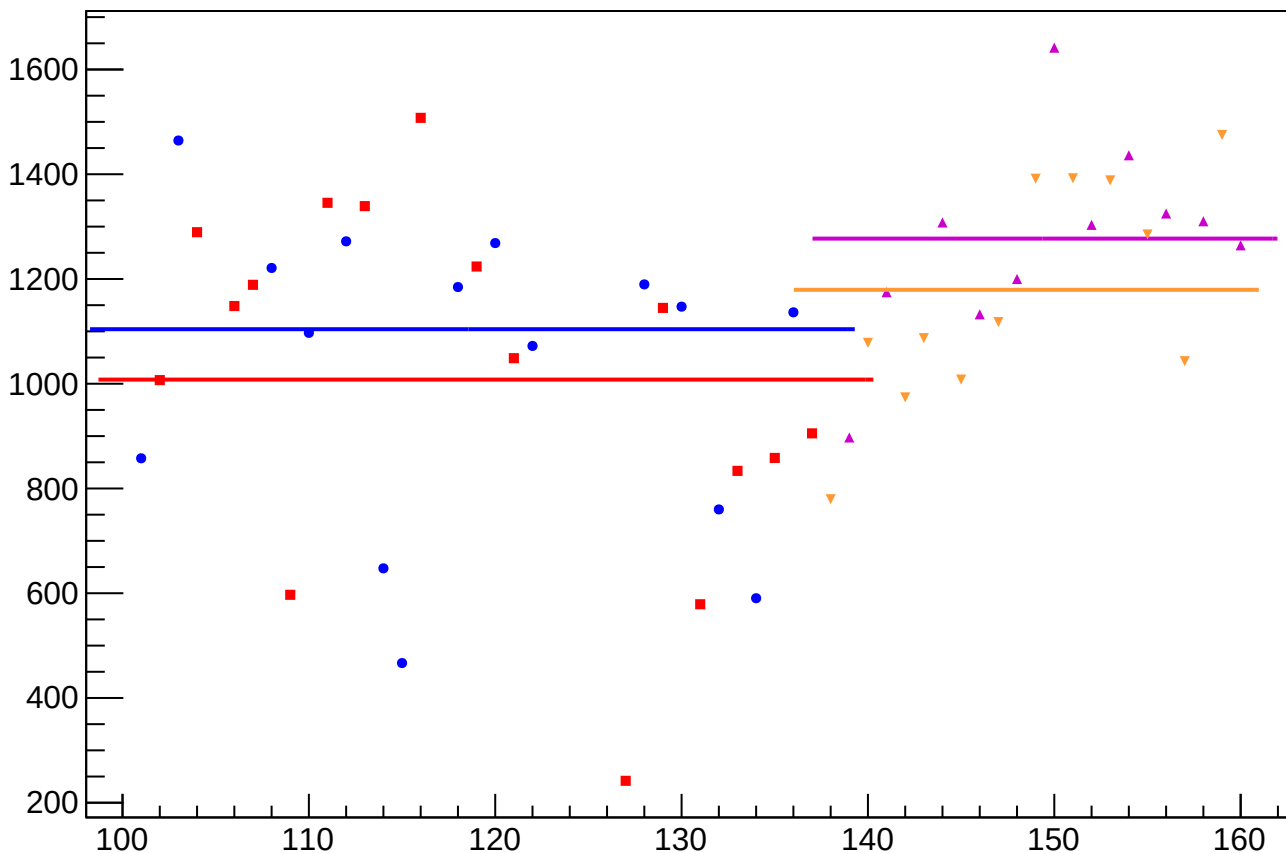
- sign -65.660 ± 0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192 +/- 0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821 +/- 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317 +/- 0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

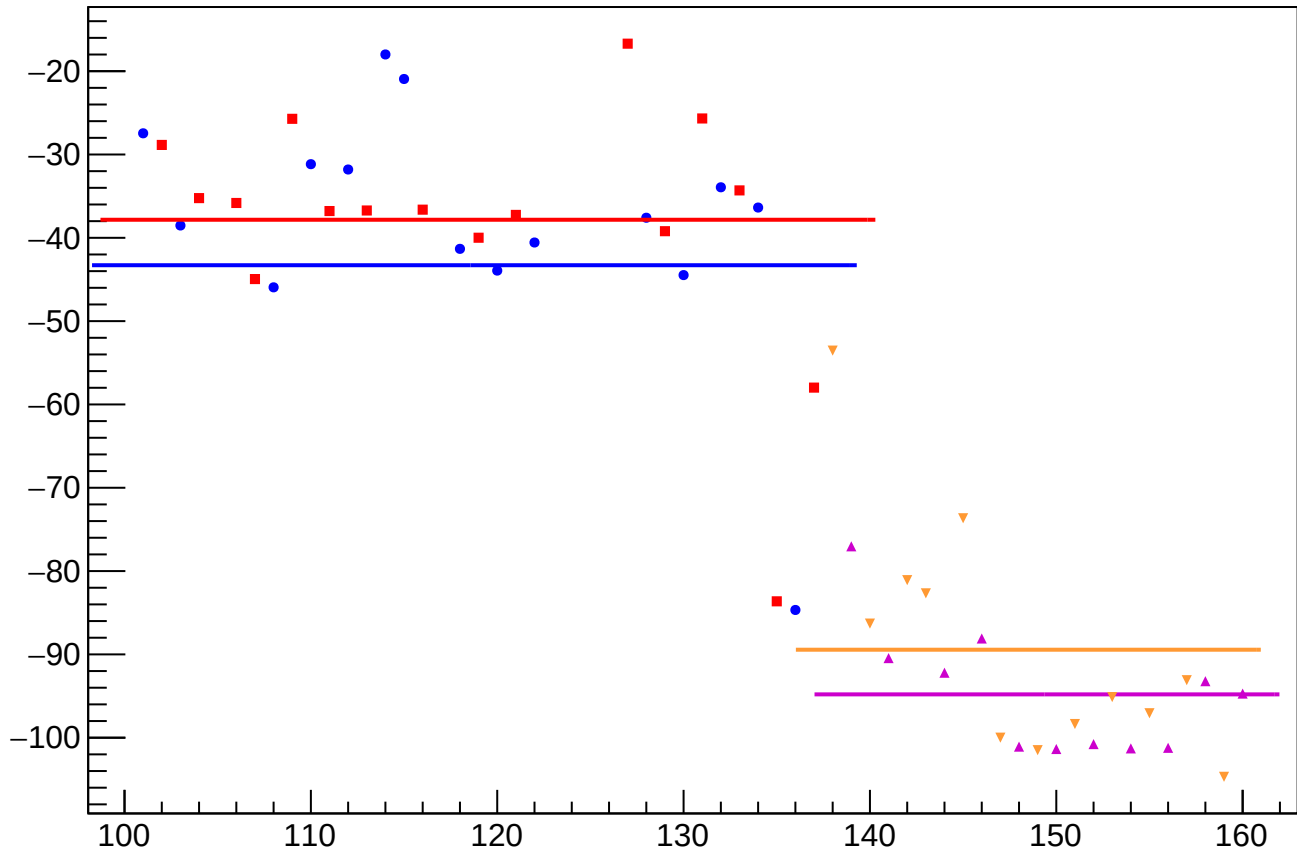
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

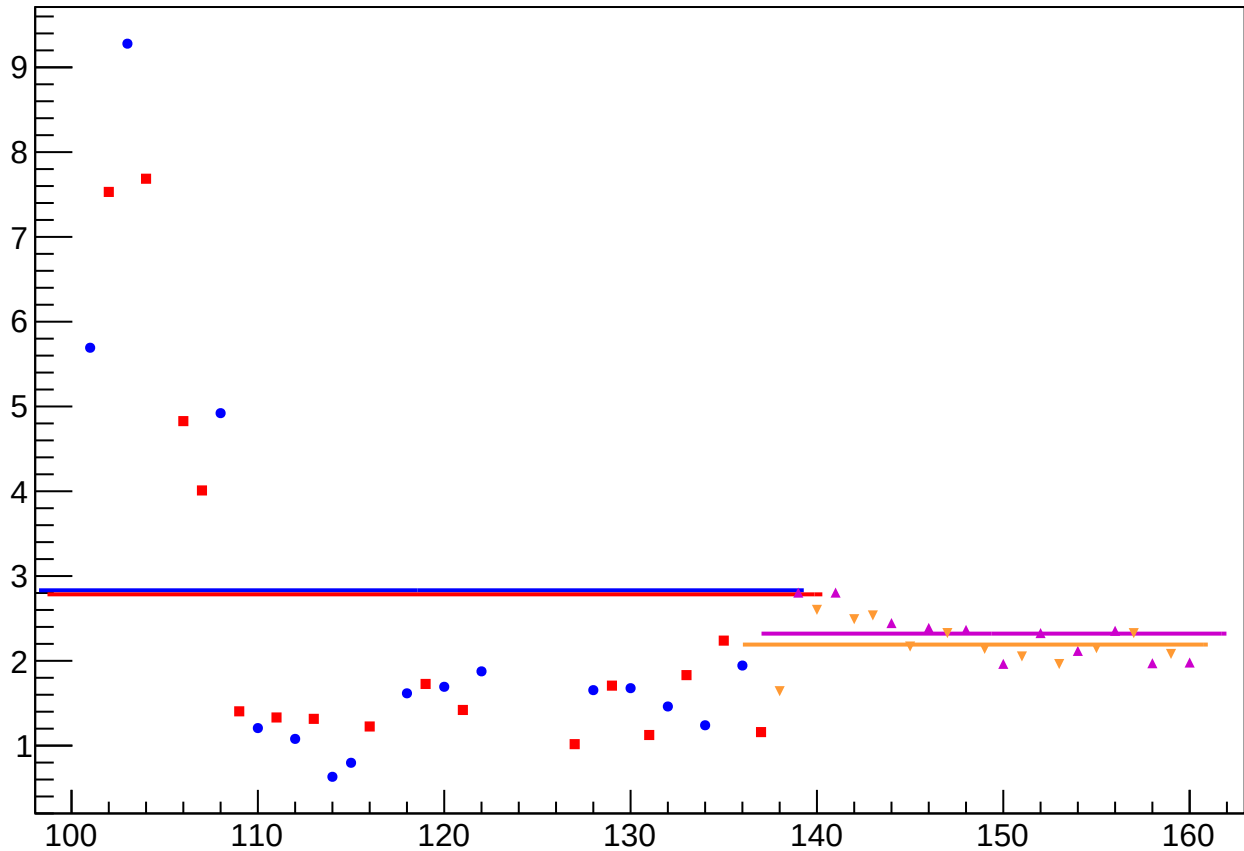
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



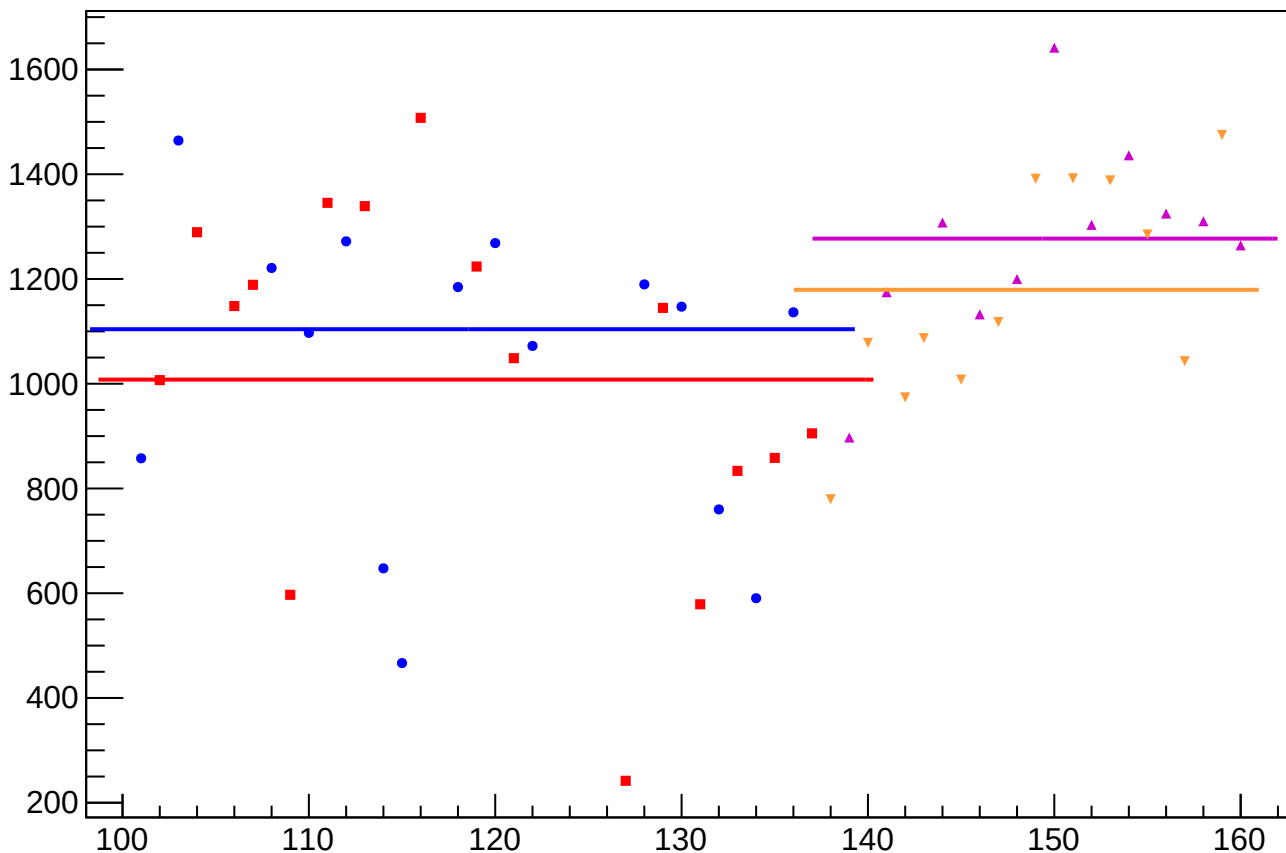
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000 χ^2 /NDF: 3957672531929017328512564323155968.0/14
 Left Out: 2.192 $\pm$ 0.000 χ^2 /NDF: 59601559247415008947816525463552.0/11
 Right Out: 2.784 $\pm$ 0.000 χ^2 /NDF: 3589544956108116898091236897849344.0/15
 Left In: 2.321 $\pm$ 0.000 χ^2 /NDF: 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

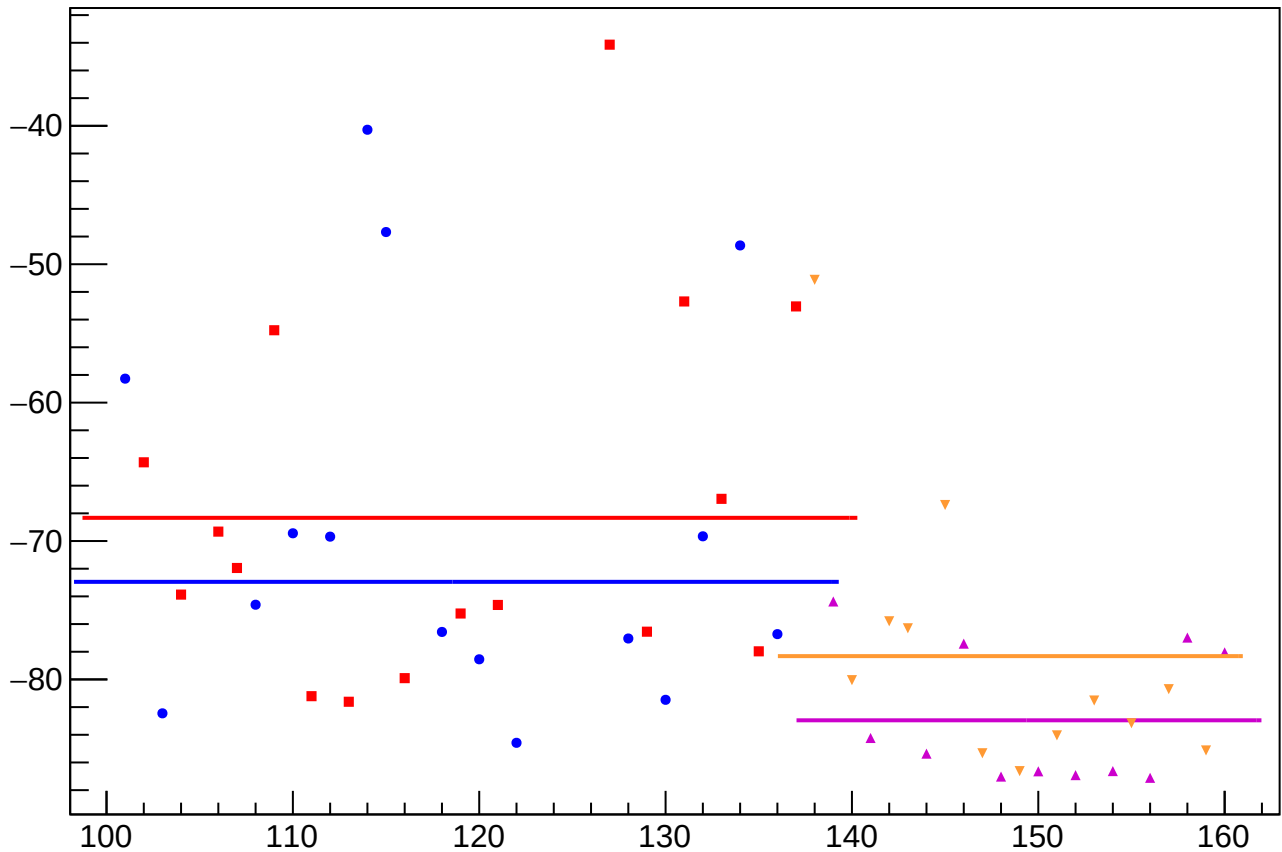
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_11X12X_coil3_mean vs Slug



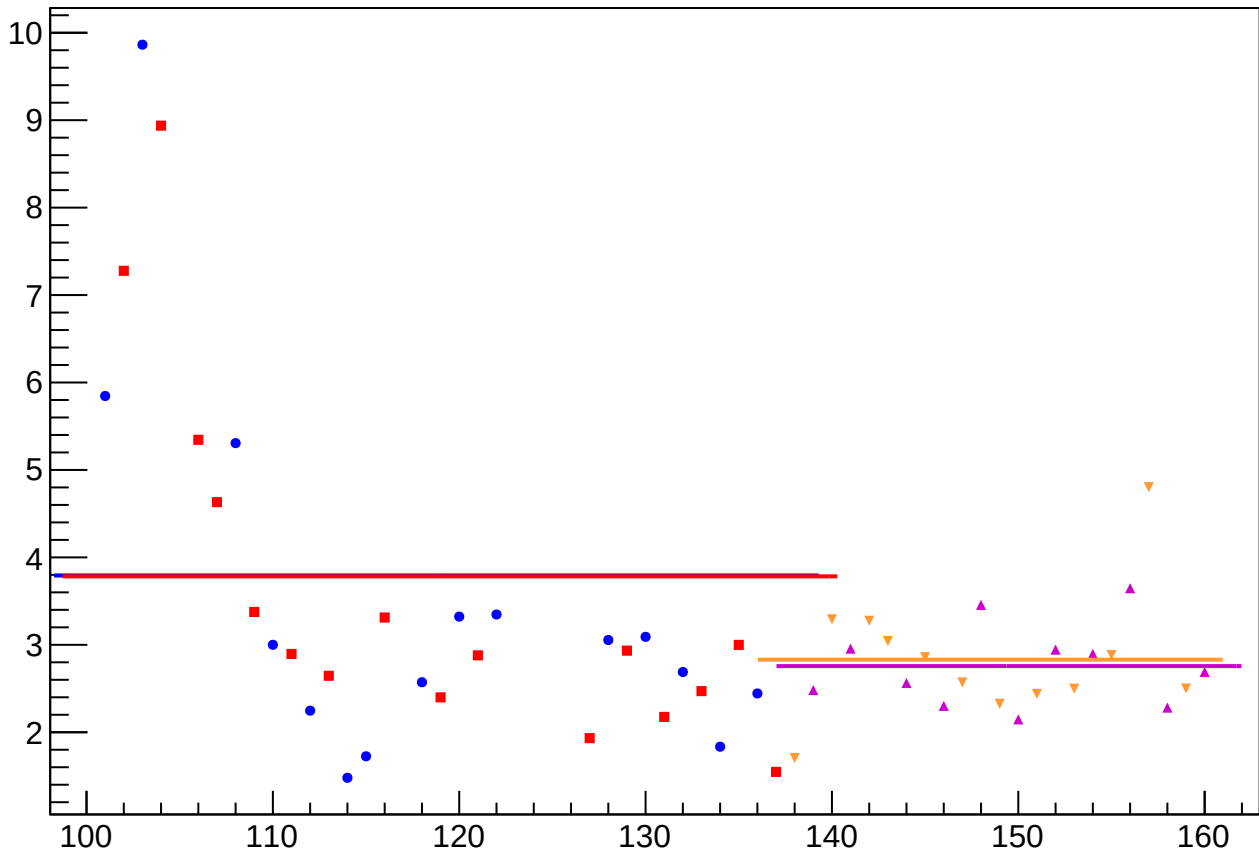
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -78.317+/-0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11

Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

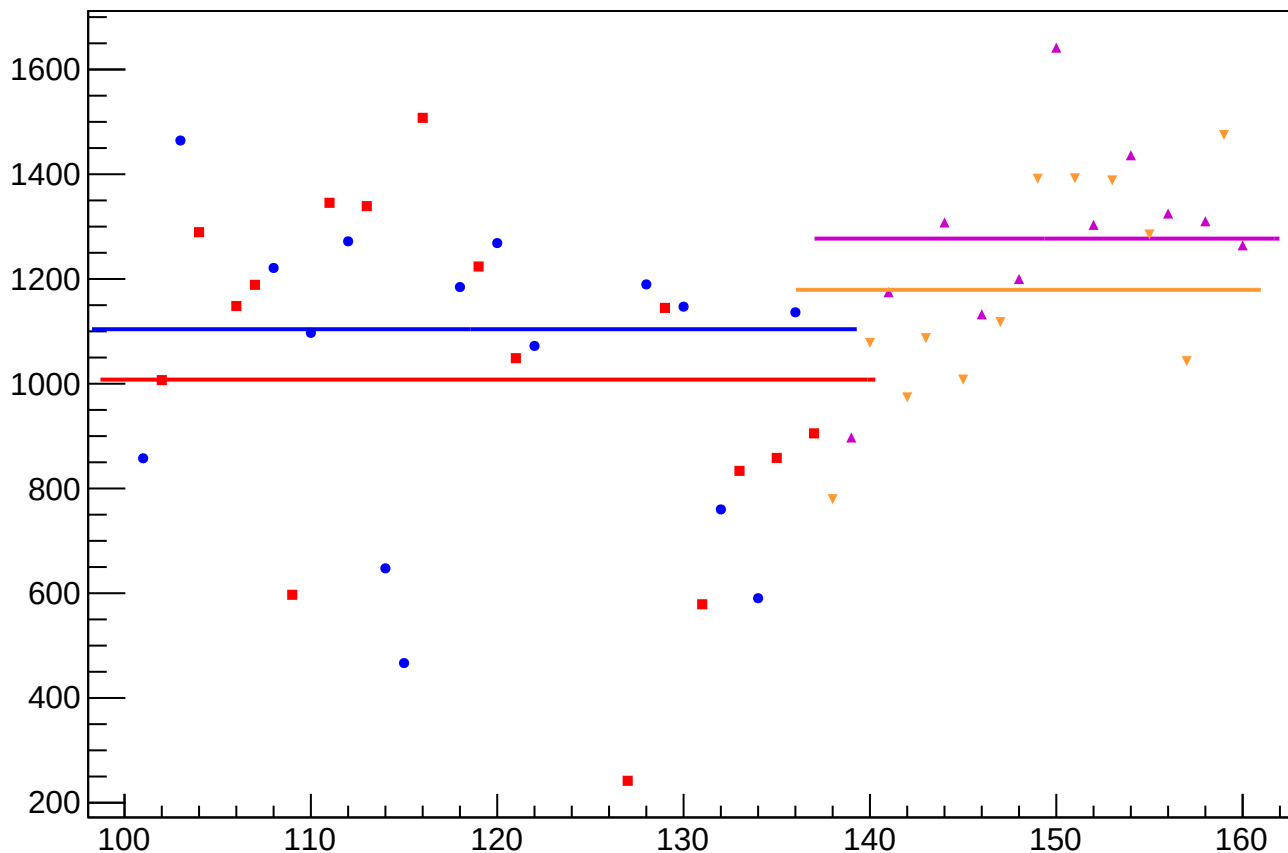
Left In: -82.954+/-0.000 χ^2/NDF : 20419157774877297849205303170564096.0/10

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.830+/-0.000 χ^2/NDF : 492749026028838907947829621161984.0/11
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

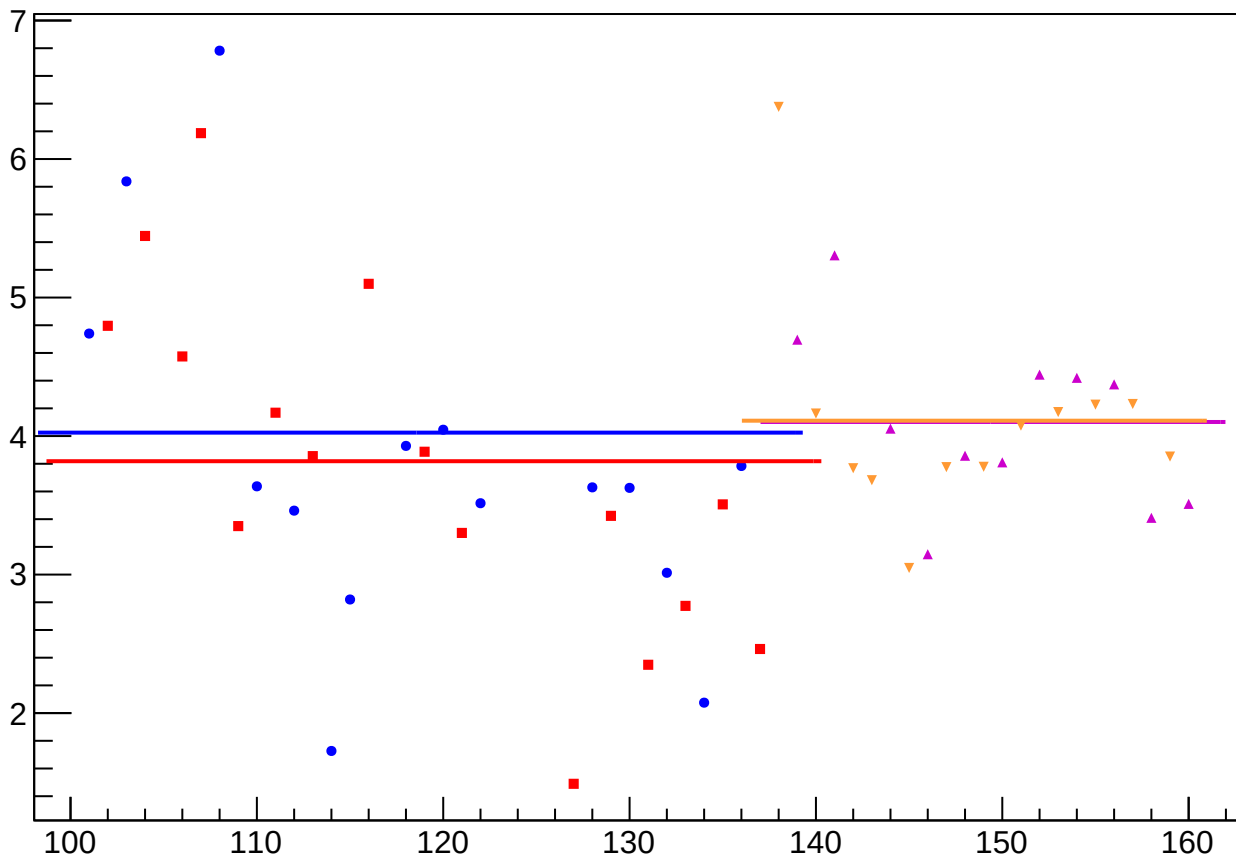
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.111+/-0.000 χ^2/NDF : 532620096510613693690902891986944.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

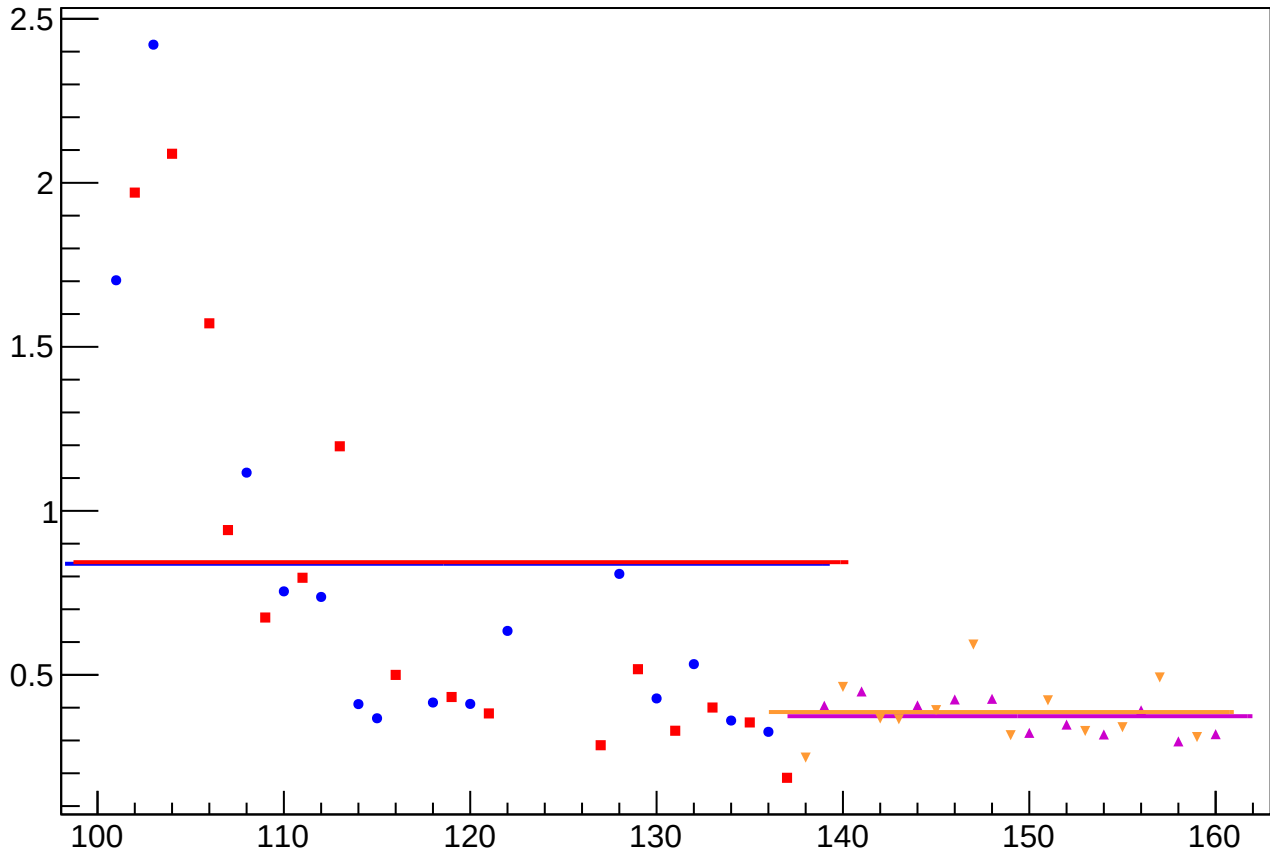
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.075+/-0.000 χ^2/NDF : 13044380384615704

All: 4.029+/-0.000 χ^2/NDF : 2560414246886

- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF: 7656532010606705303389852401664.0/11

Right Out: 0.844 $\pm$ 0.000 χ^2 /NDF: 252917509393432760240648918925312.0/15

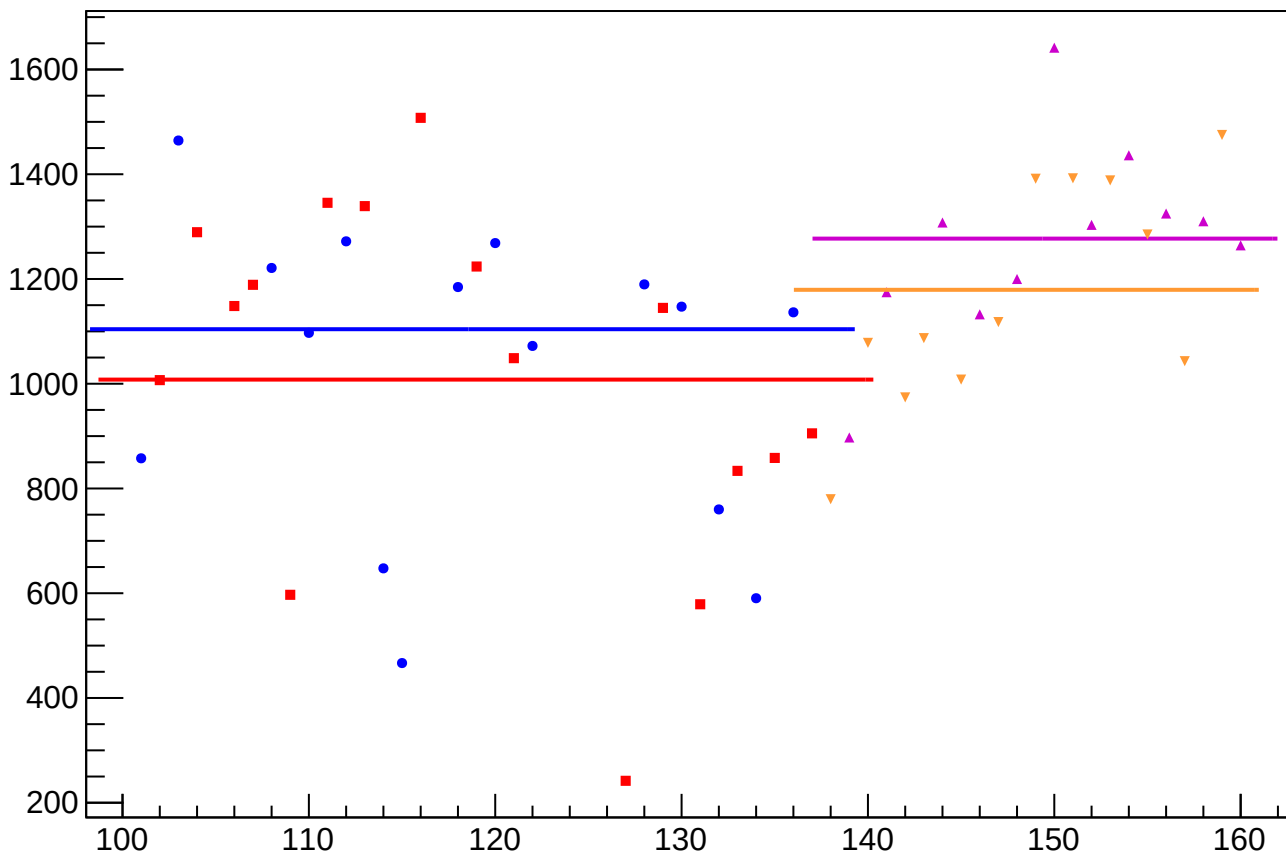
Left In: 0.374 $\pm$ 0.000 χ^2 /NDF: 2408191855928929204652403064832.0/10

+ sign 0.574 $\pm$ 0.000 χ^2 /NDF: 34361299710521939

All: 0.573 $\pm$ 0.000 χ^2 /NDF: 68434990603829

- sign 0.571 $\pm$ 0.000 χ^2 /NDF: 34072705828258961

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

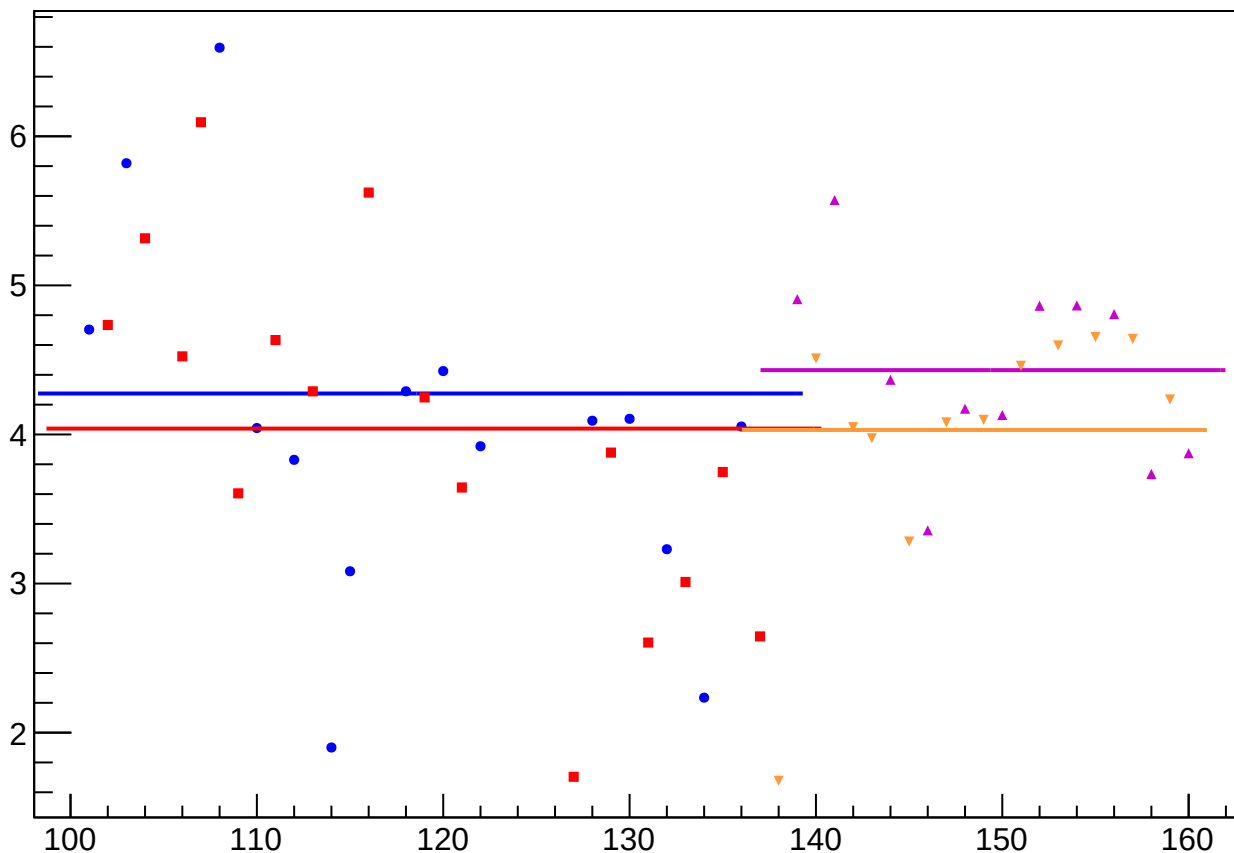
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.030+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

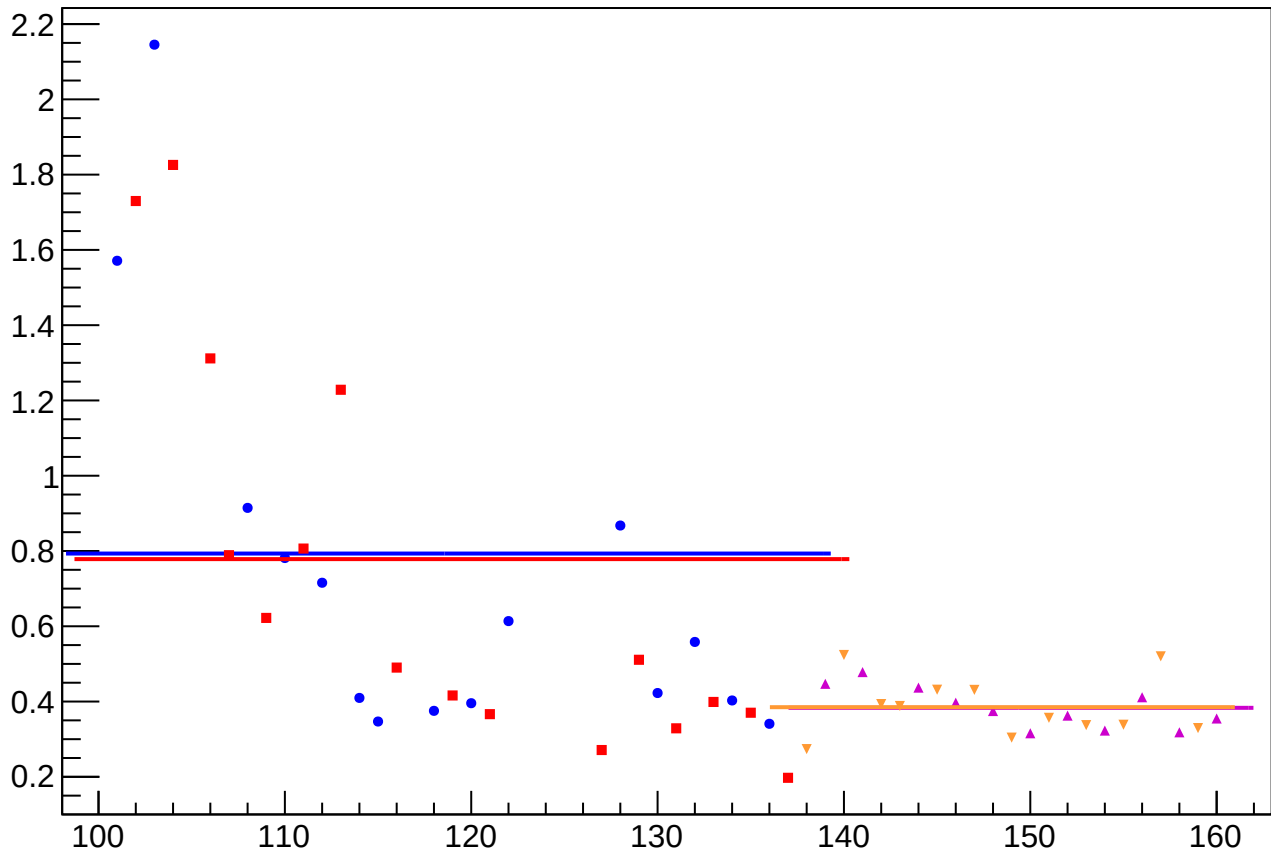
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

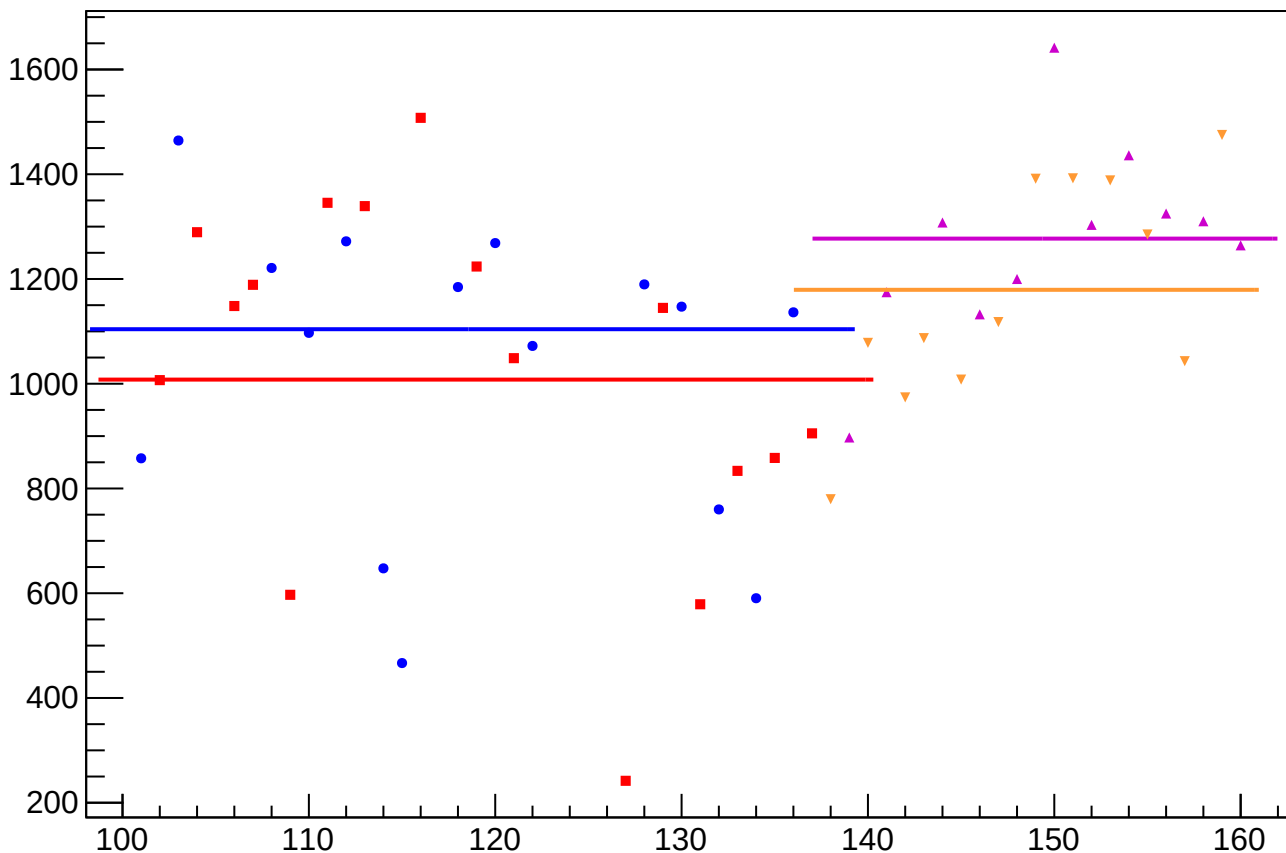
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385 $\pm$ 0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778 $\pm$ 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.383 $\pm$ 0.000 χ^2/NDF : 2618375268437967875049691021312.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

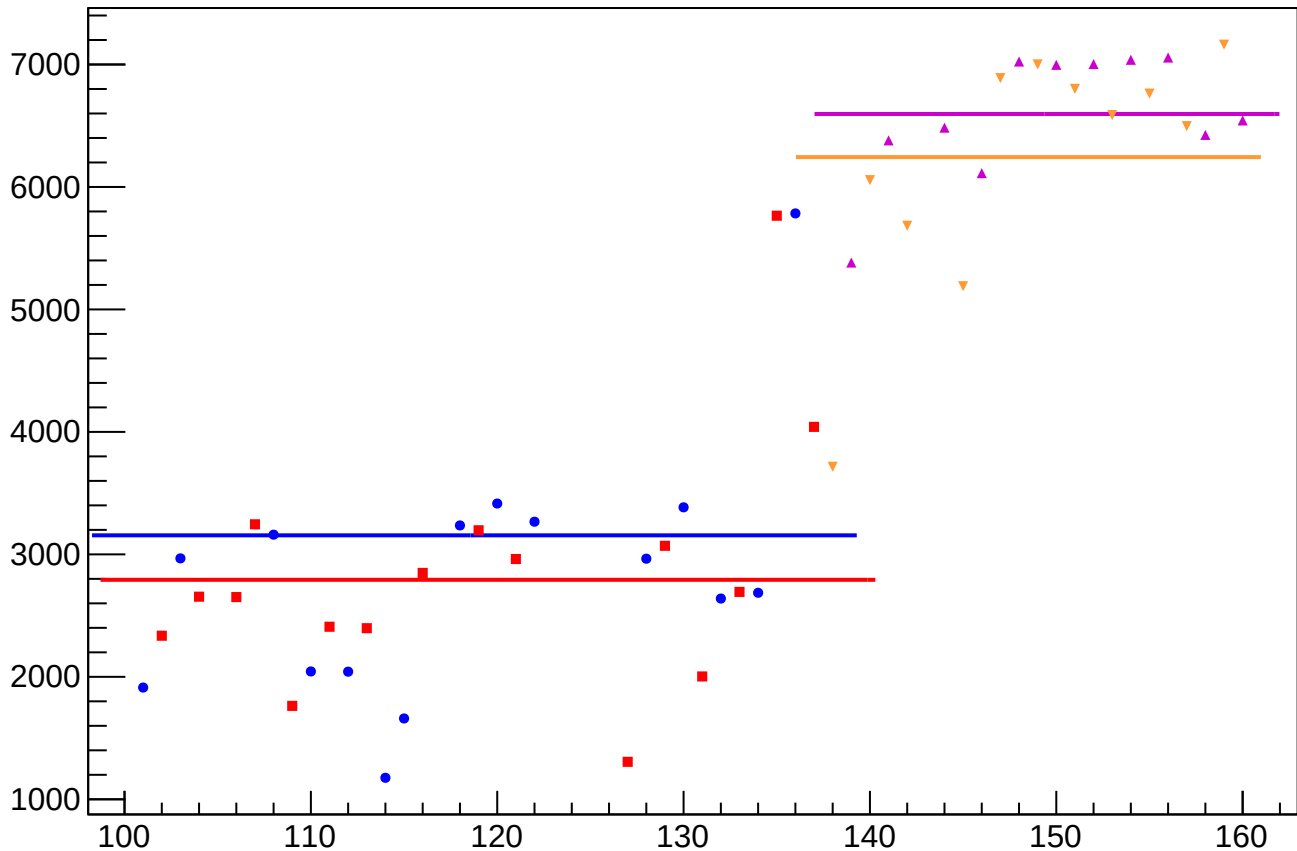
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

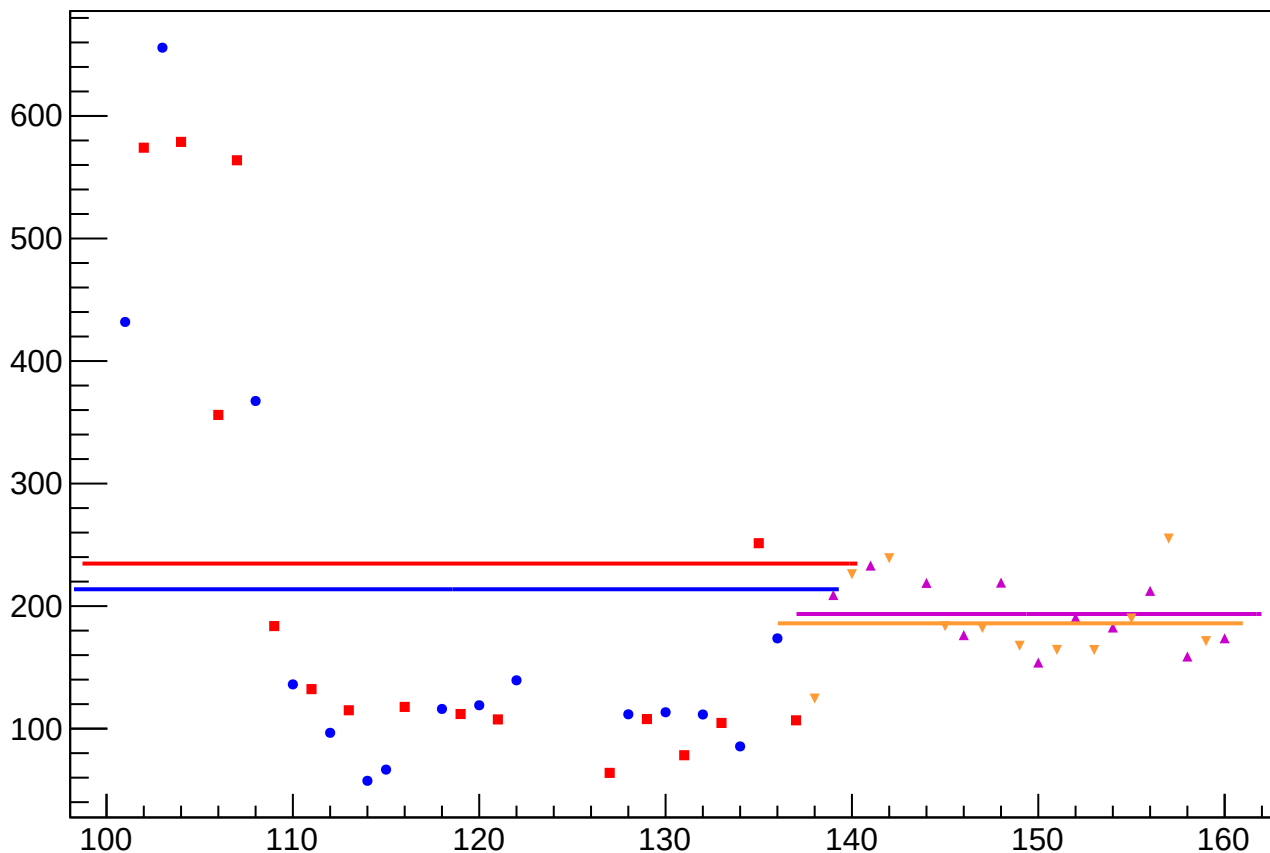
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6243.976+/-0.000 χ^2/NDF : 811230786168378302780139165688711348224.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

+ sign 198.004+/-0.000 χ^2/NDF : 210596499701990

Left Out: 185.948+/-0.000 χ^2/NDF : 1057706607595767583587974846640816128.0/10

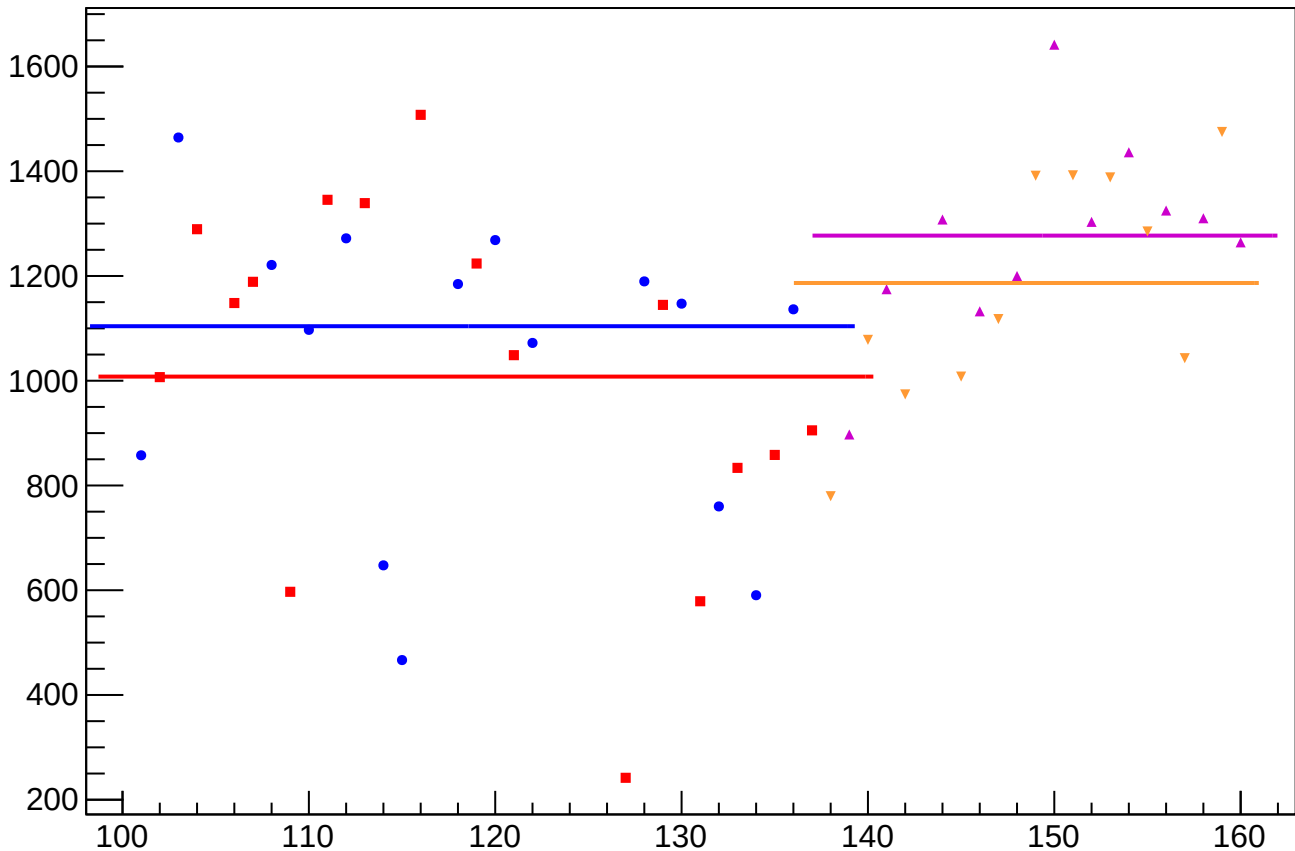
All: 204.600+/-0.000 χ^2/NDF : 464545737853

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

- sign 210.803+/-0.000 χ^2/NDF : 252686308073901

Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

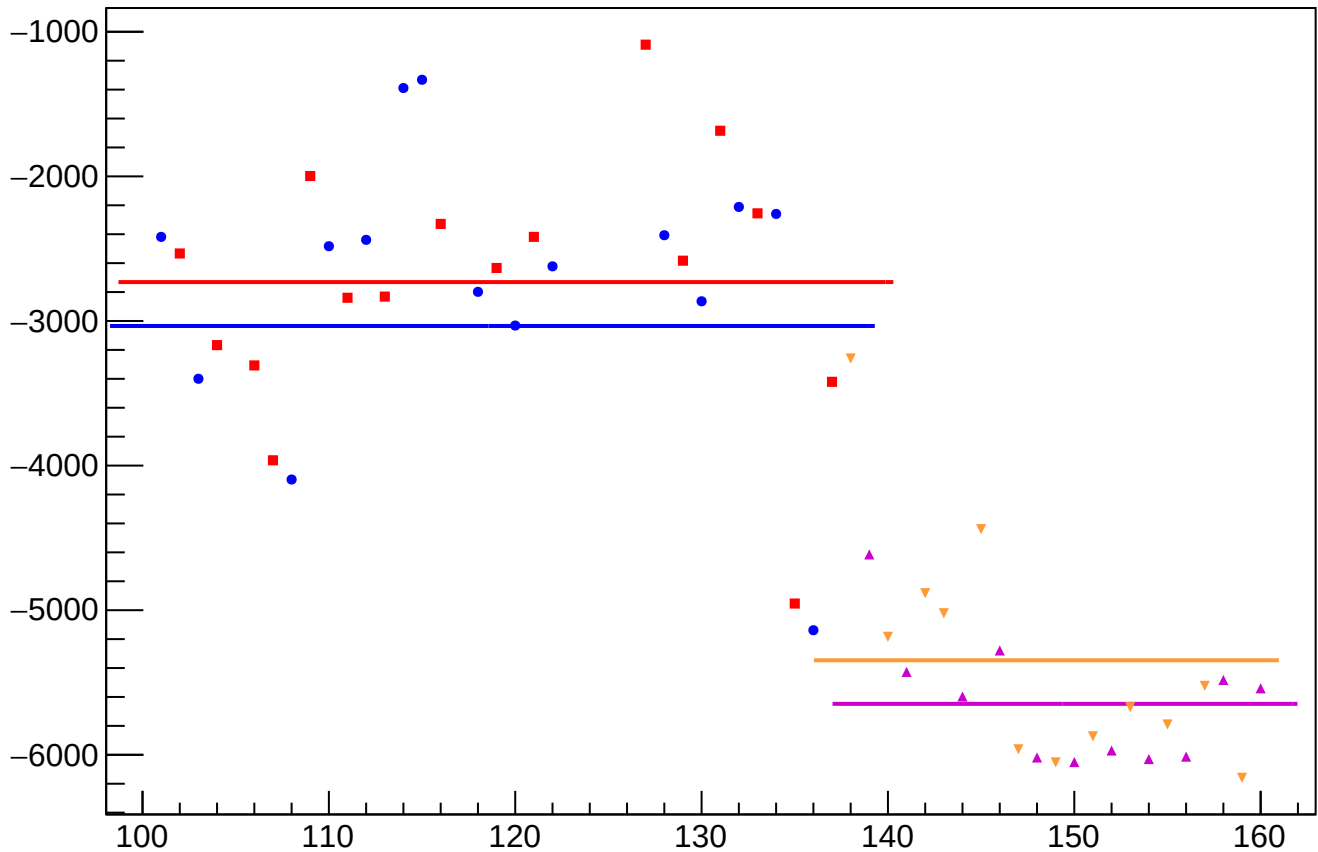
dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1186.635+/-0.000 χ^2/NDF : 38127290182419373090636614603236179968.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

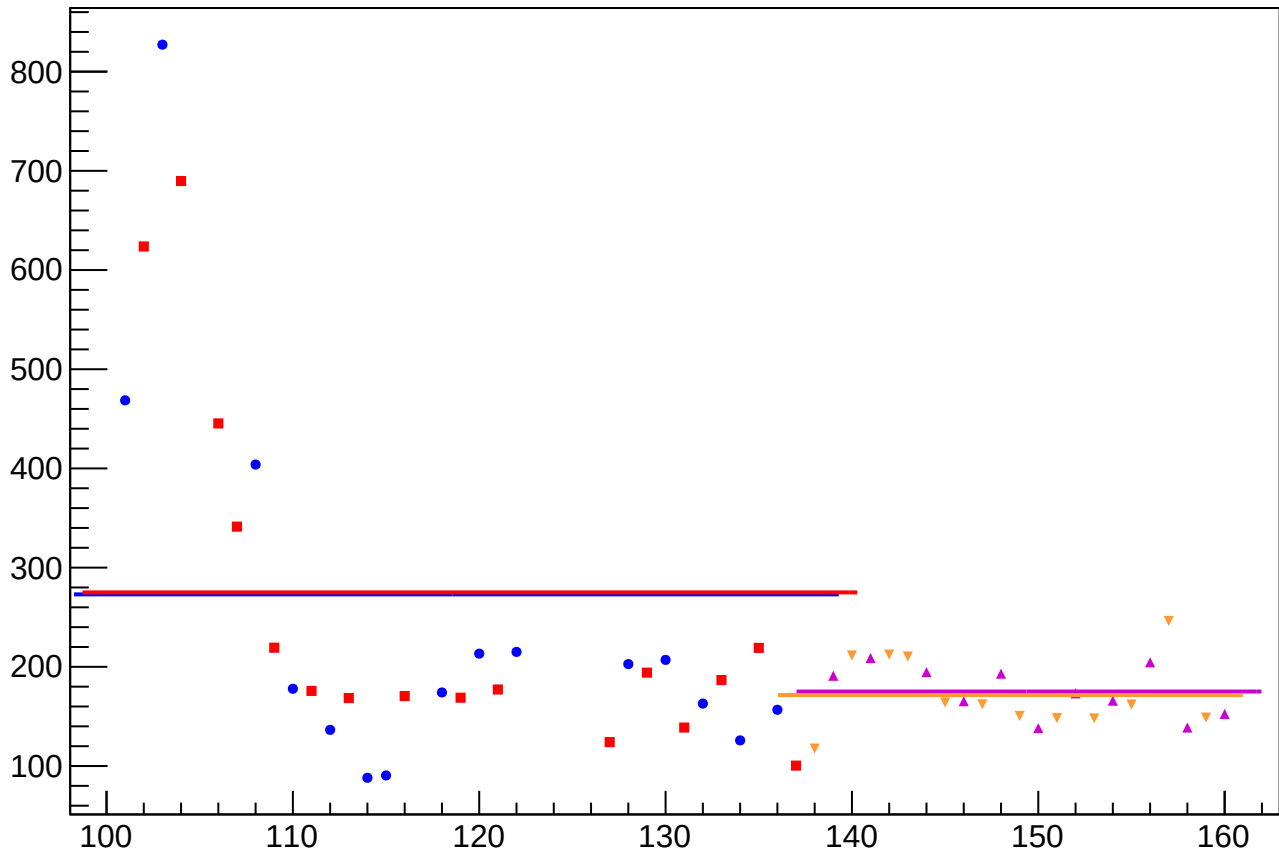
+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833
 All: 1157.745+/-0.000 χ^2/NDF : 20023337148
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



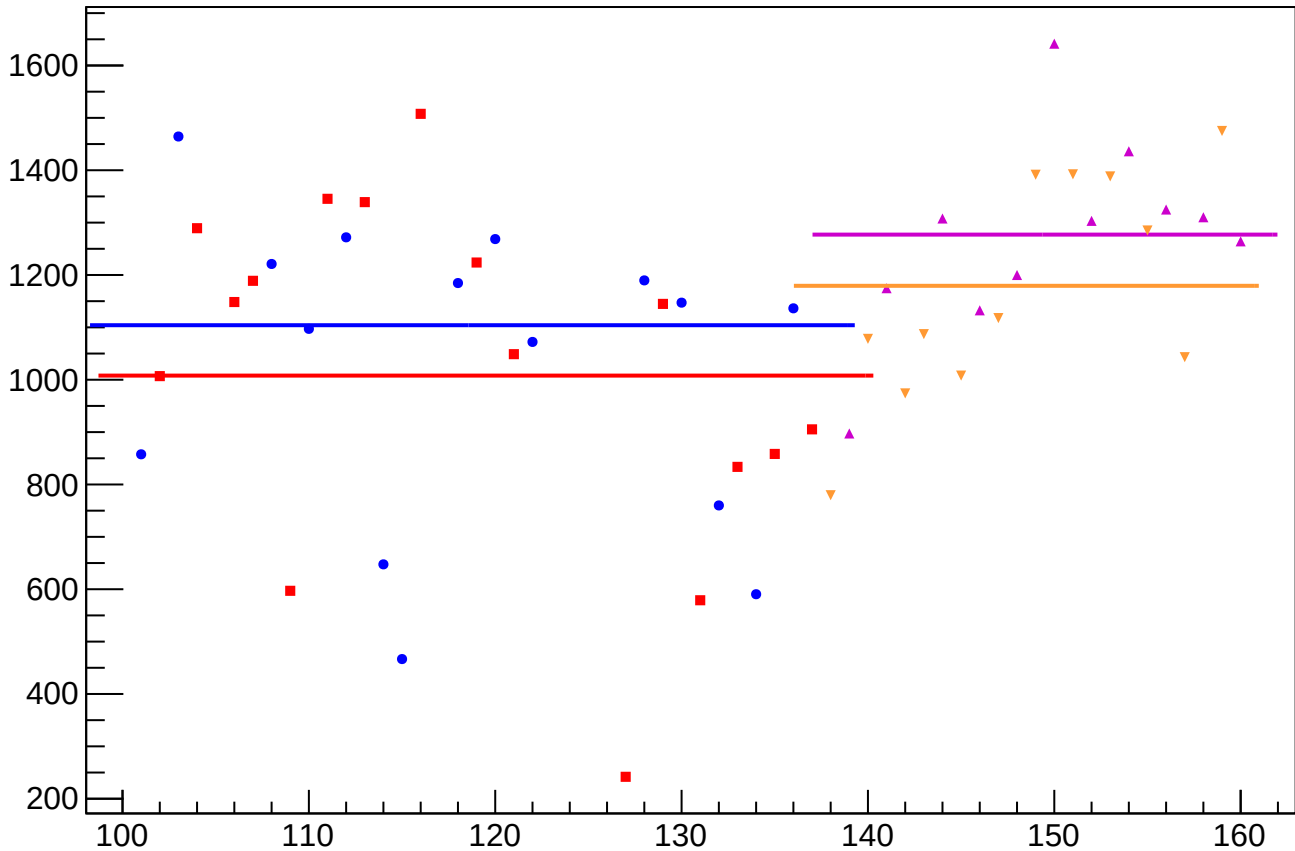
Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287+/-0.000 χ^2/NDF : 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5647.632+/-0.000 χ^2/NDF : 164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 171.517+/-0.000 χ^2/NDF : 1162204446124418452265763444206075904.0/11
 Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

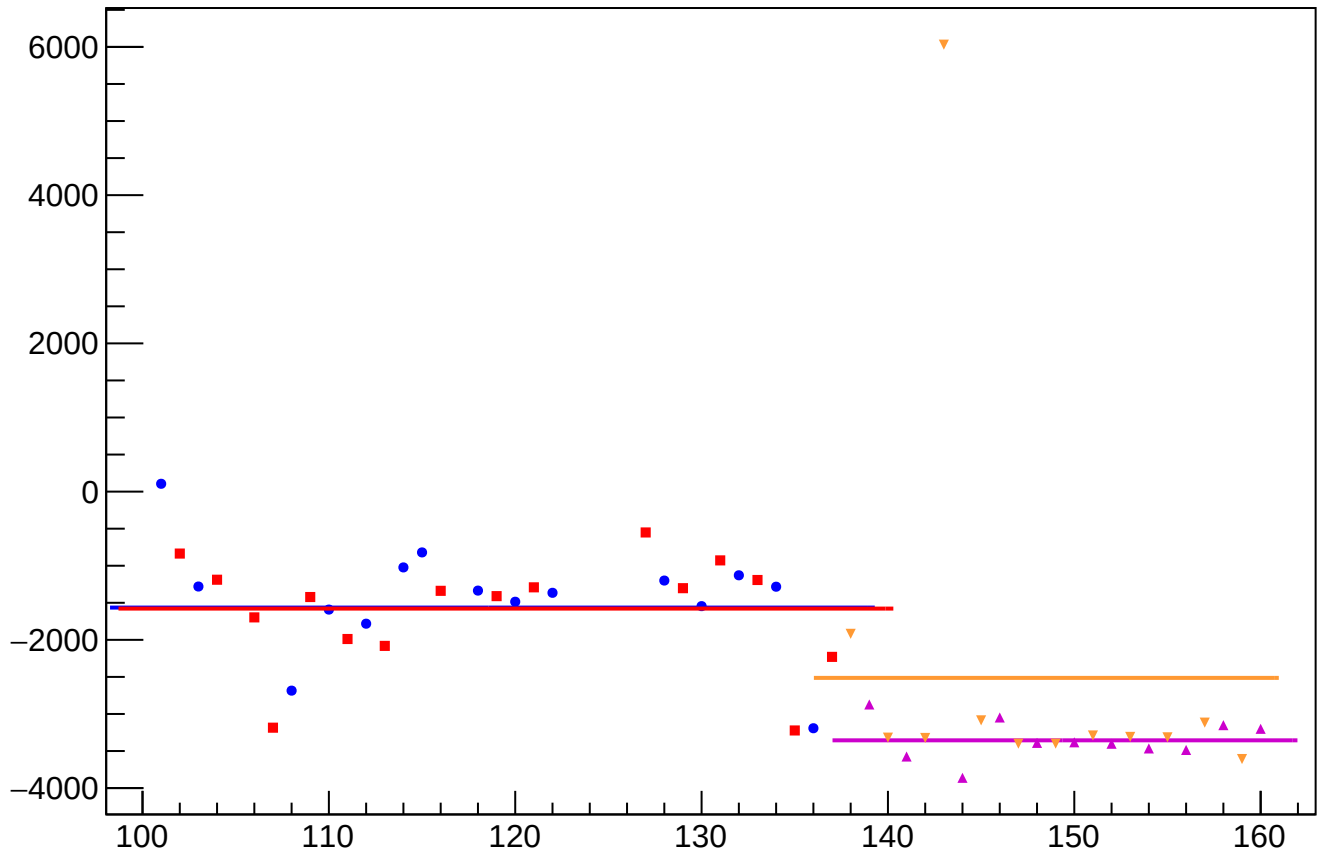
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

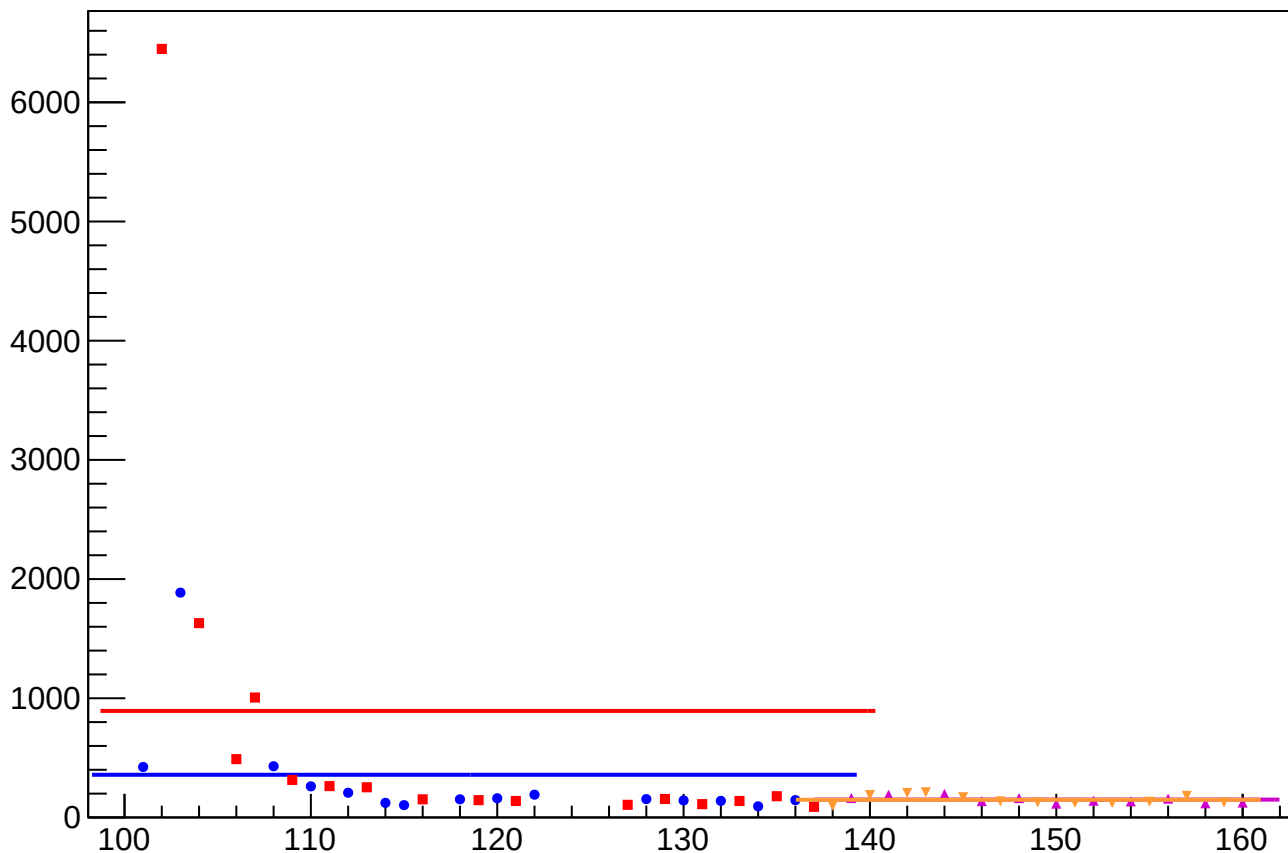
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2513.182+/-0.000	χ^2/NDF : 5431127813565364988673729418683400323072.0/11
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3355.712+/-0.000	χ^2/NDF : 61603128430044333980990125877093203968.0/10

+ sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

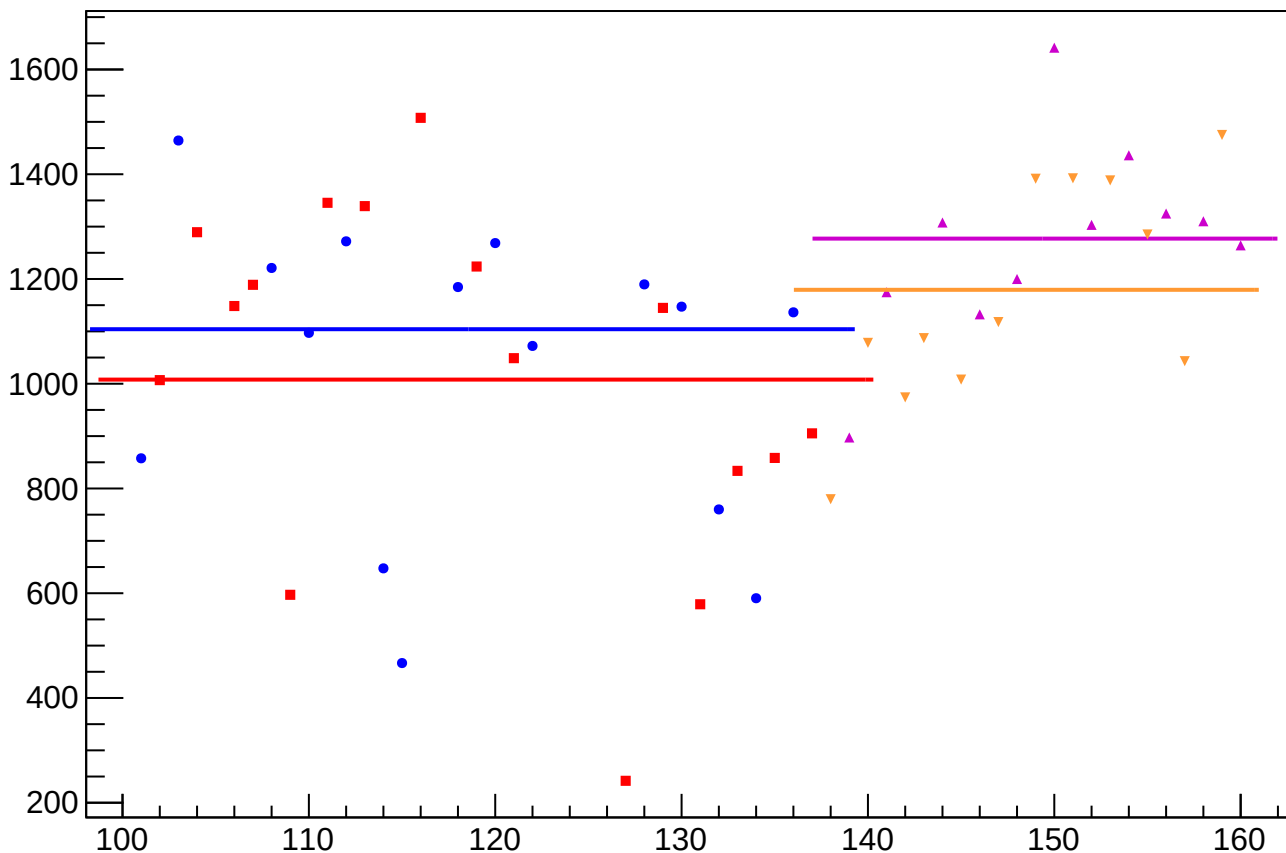
Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

+ sign 235.441+/-0.000 χ^2/NDF : 175705325010705

All: 349.608+/-0.000 χ^2/NDF : 250712105972

- sign 461.767+/-0.000 χ^2/NDF : 229102929368244

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

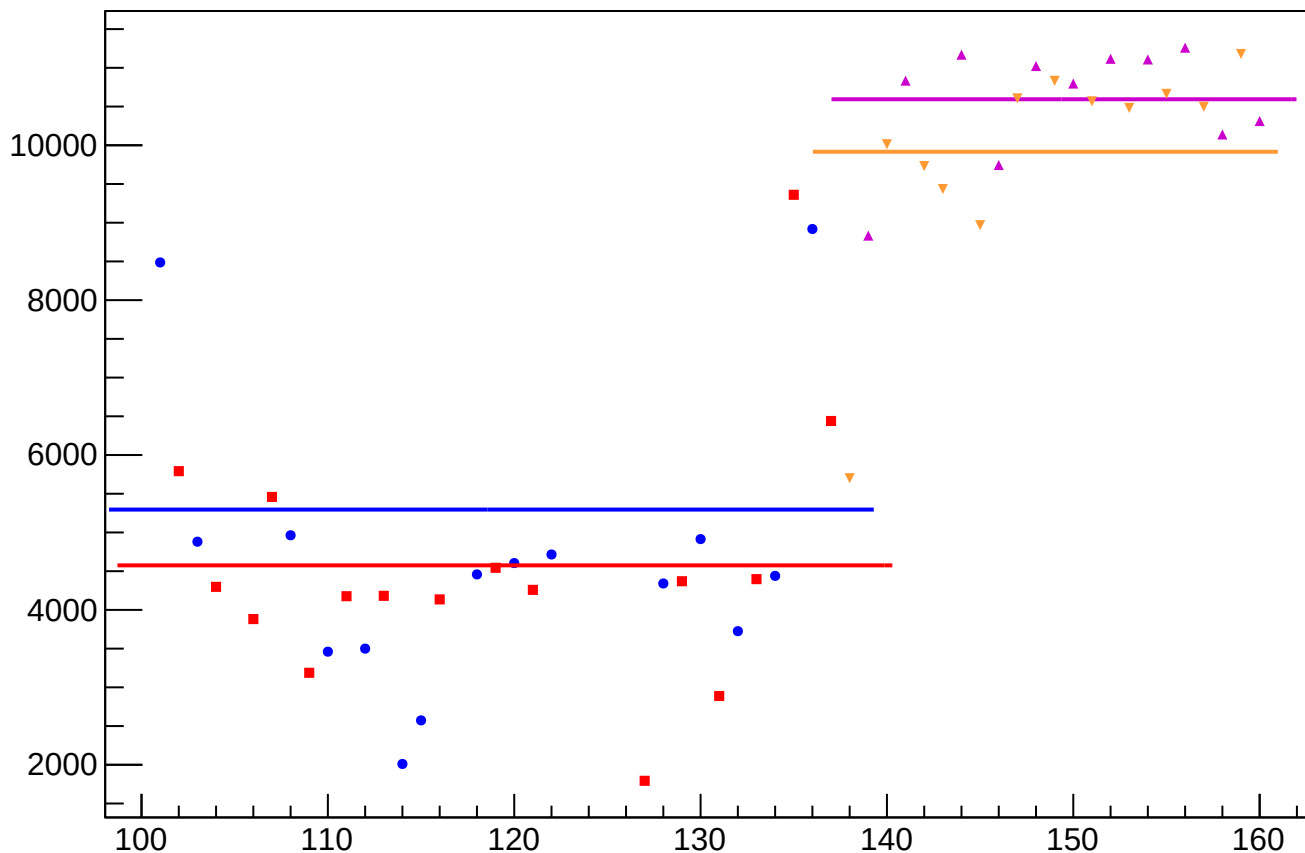
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

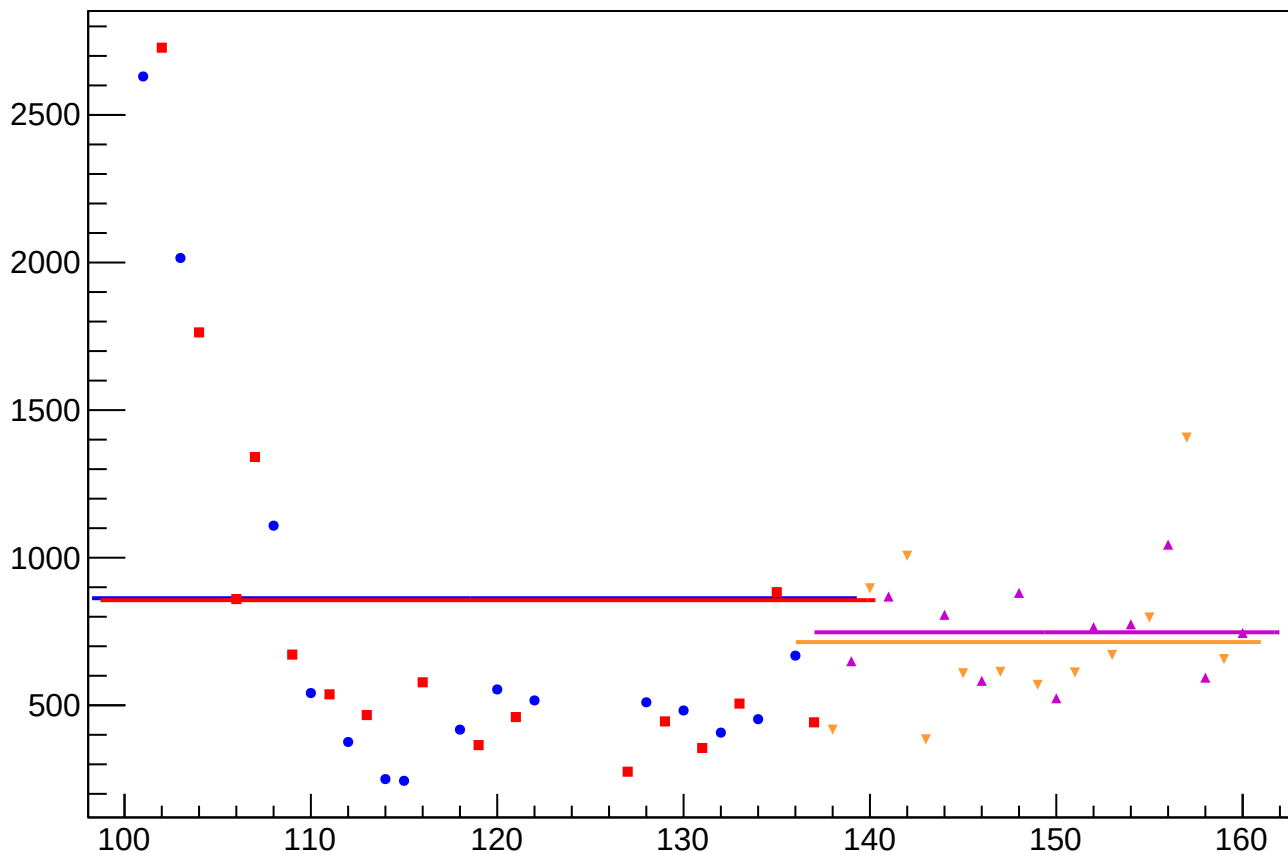
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420 $\pm$ 0.000 χ^2 /NDF: 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095 $\pm$ 0.000 χ^2 /NDF: 469955671378487676963254464485150162944.0/10

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 714.221+/-0.000 χ^2/NDF : 63936823657083124140922251637065515008.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

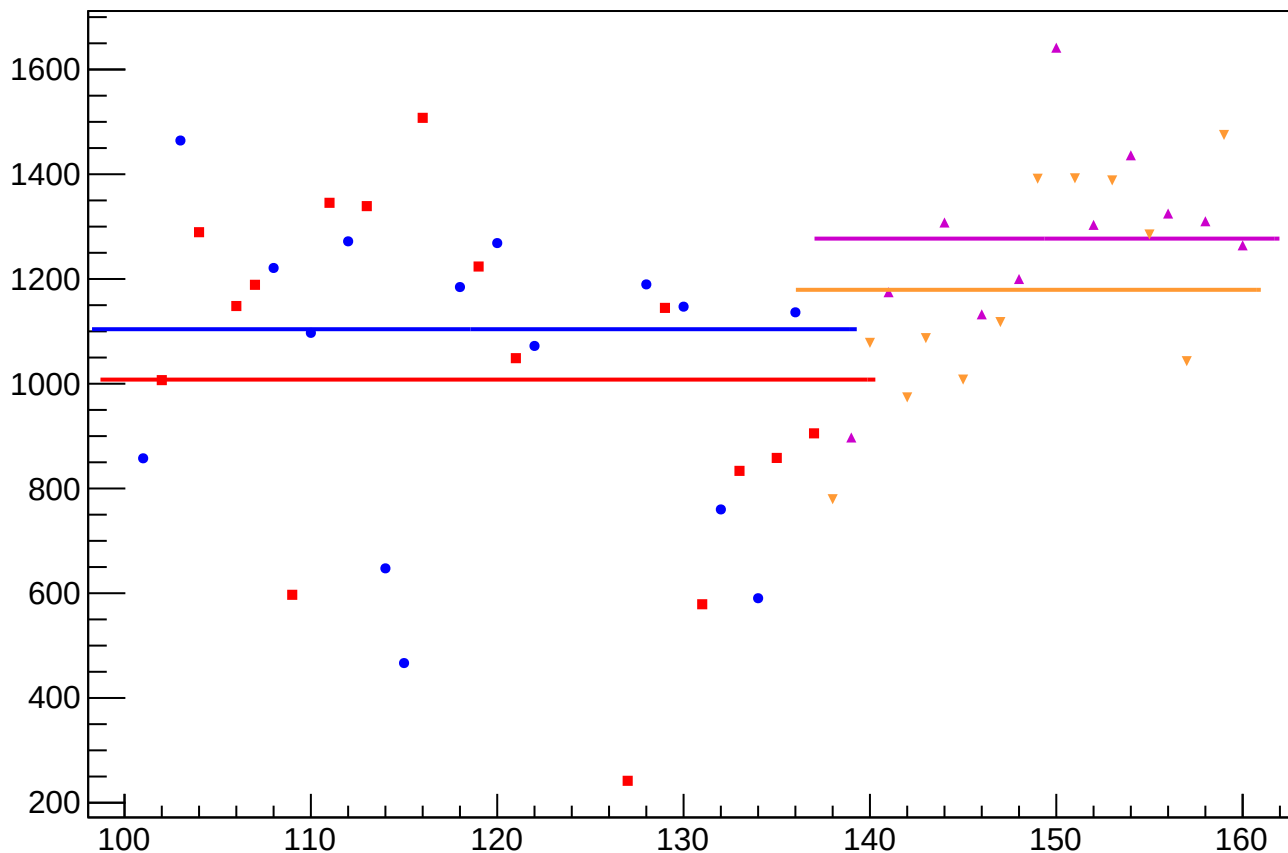
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 775.866+/-0.000 χ^2/NDF : 409985766107580

All: 784.449+/-0.000 χ^2/NDF : 76167219523

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

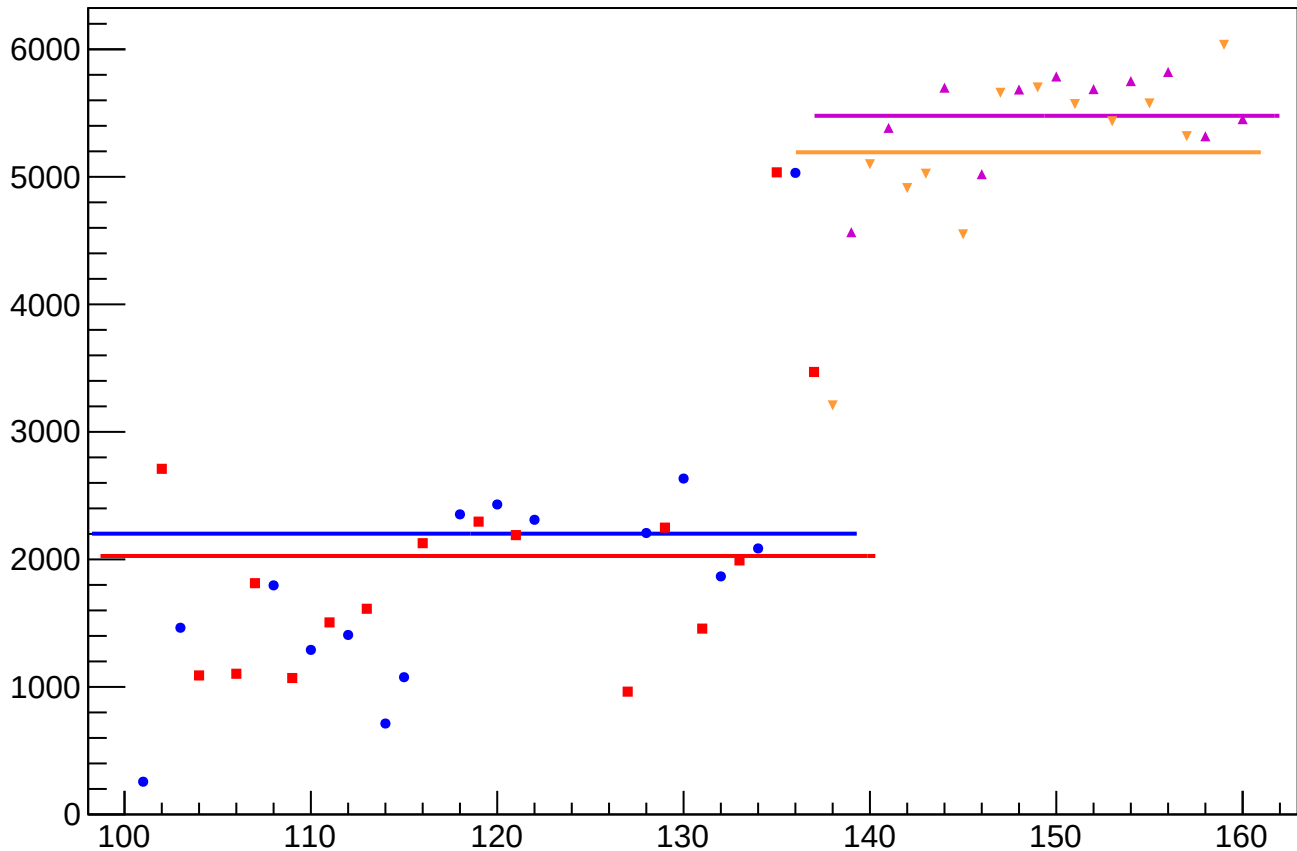
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

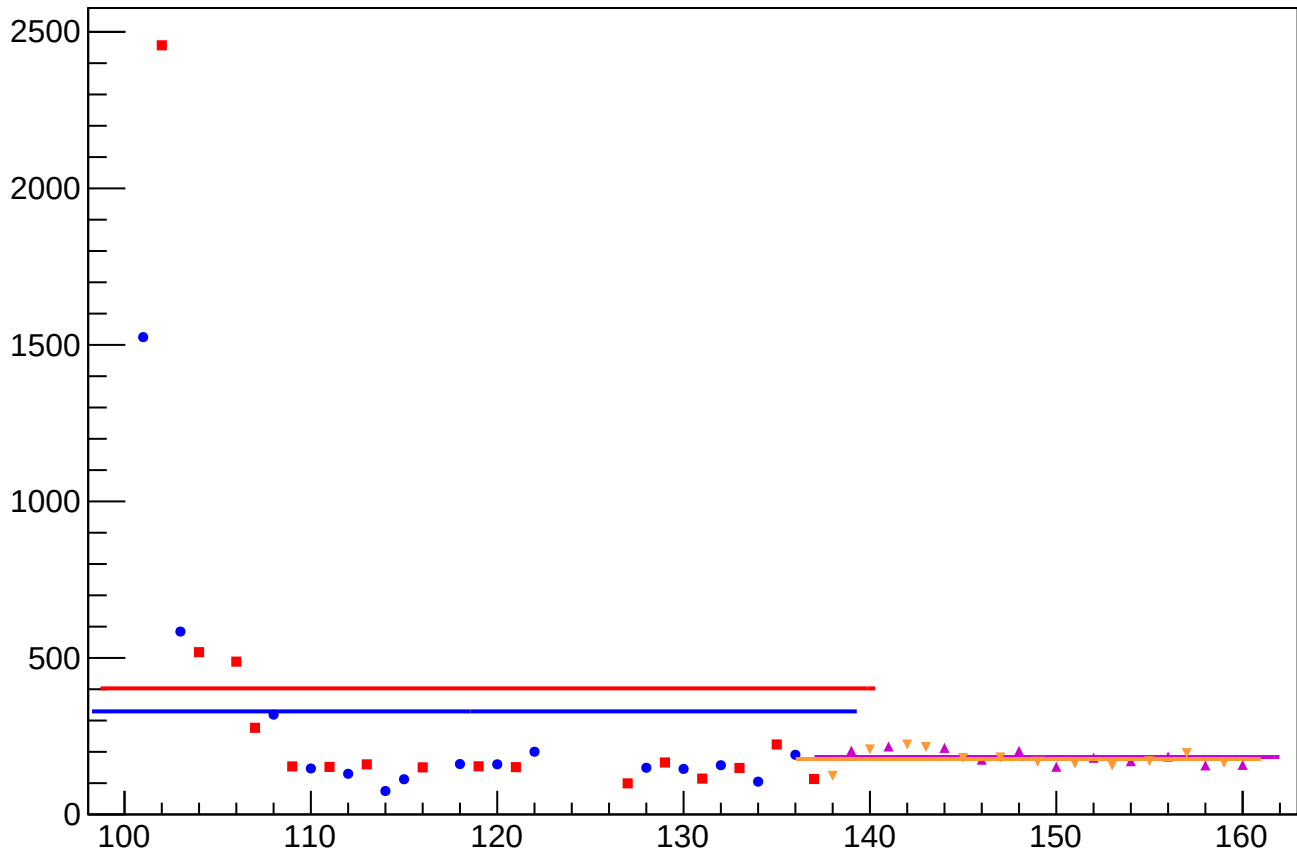
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476+/-0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713+/-0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



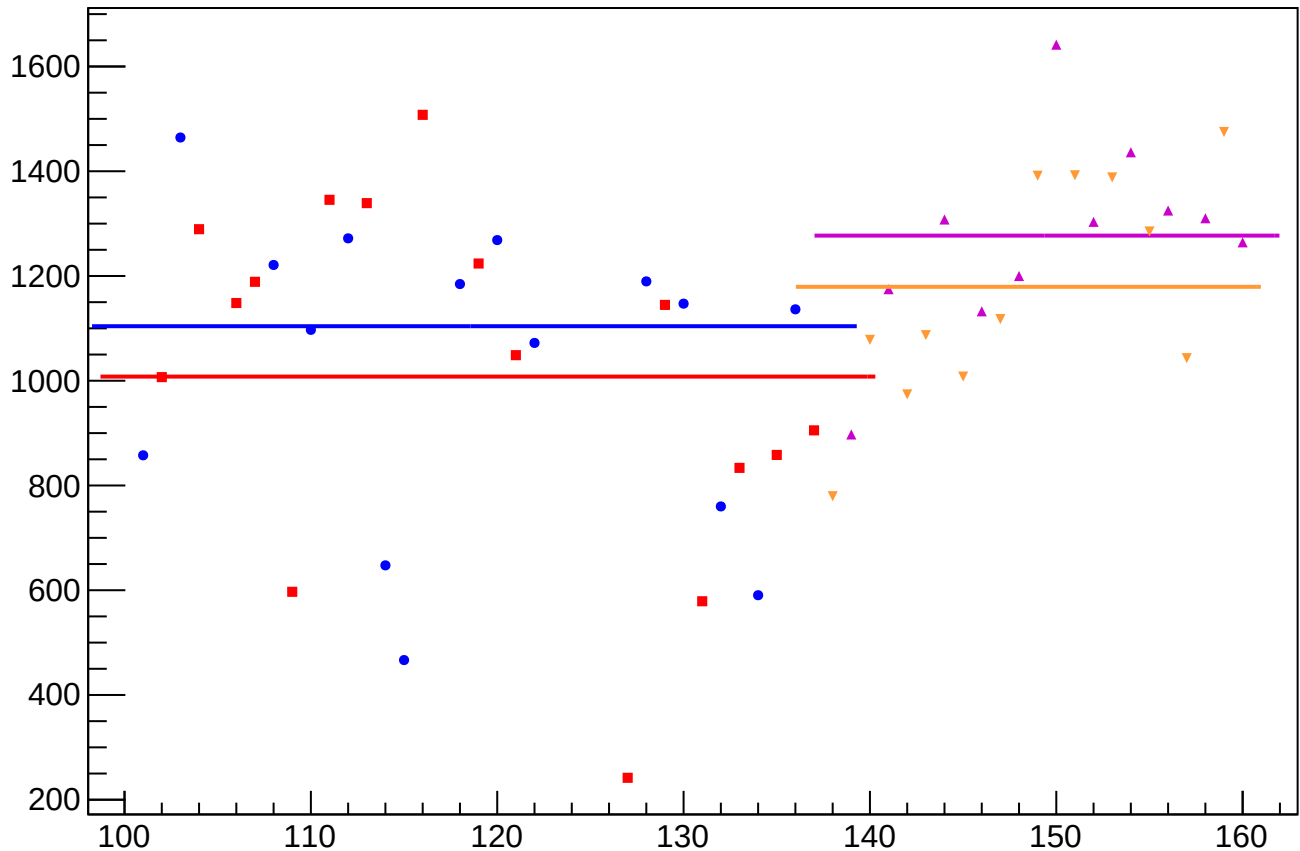
Right In: 329.229+/-0.000	χ^2/NDF : 103285029091922742033837903437132464128.0/14
Left Out: 177.101+/-0.000	χ^2/NDF : 604256347376555065664943941601984512.0/11
Right Out: 402.690+/-0.000	χ^2/NDF : 277636056793293374242116053515003494400.0/15
Left In: 183.411+/-0.000	χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF : 112672514913123

All: 257.960+/-0.000 χ^2/NDF : 41035727361

- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

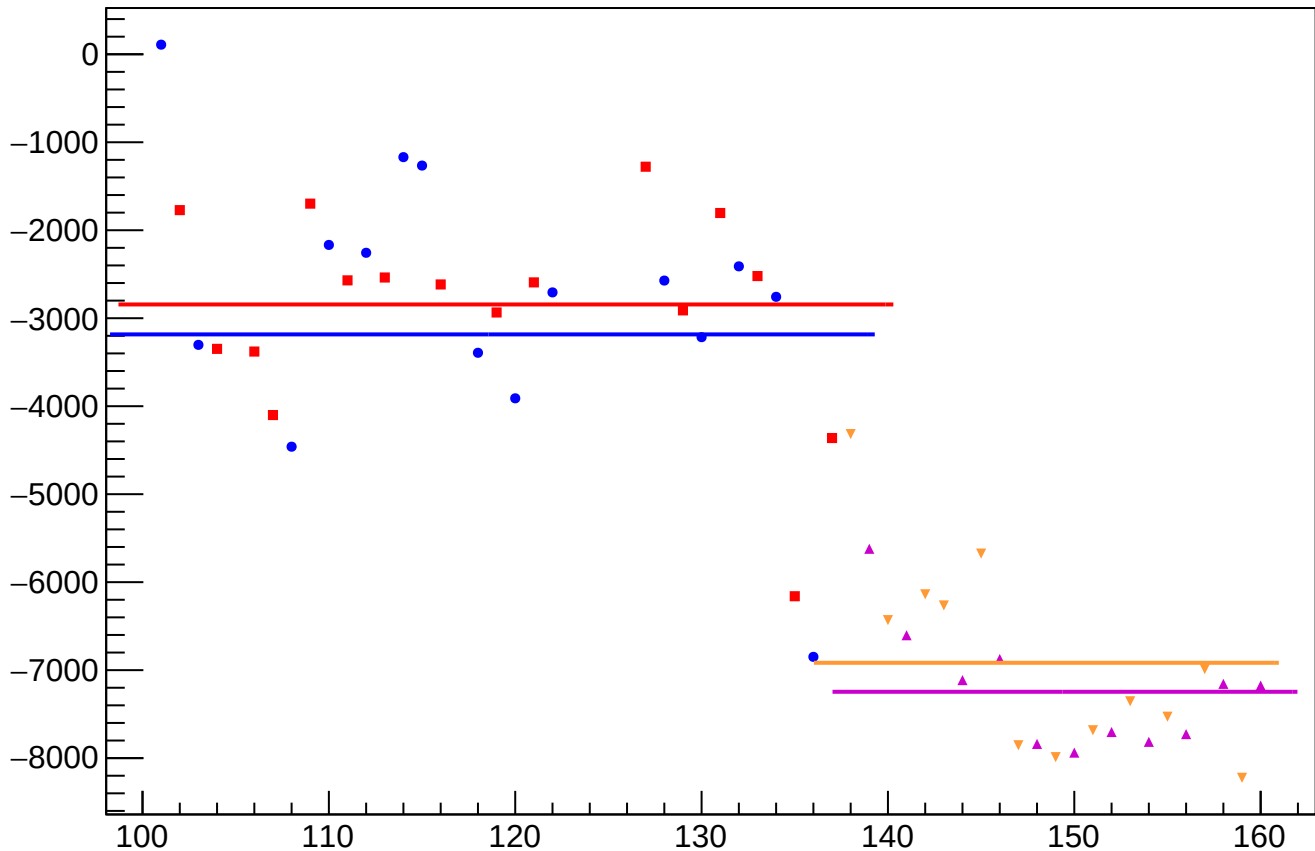
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

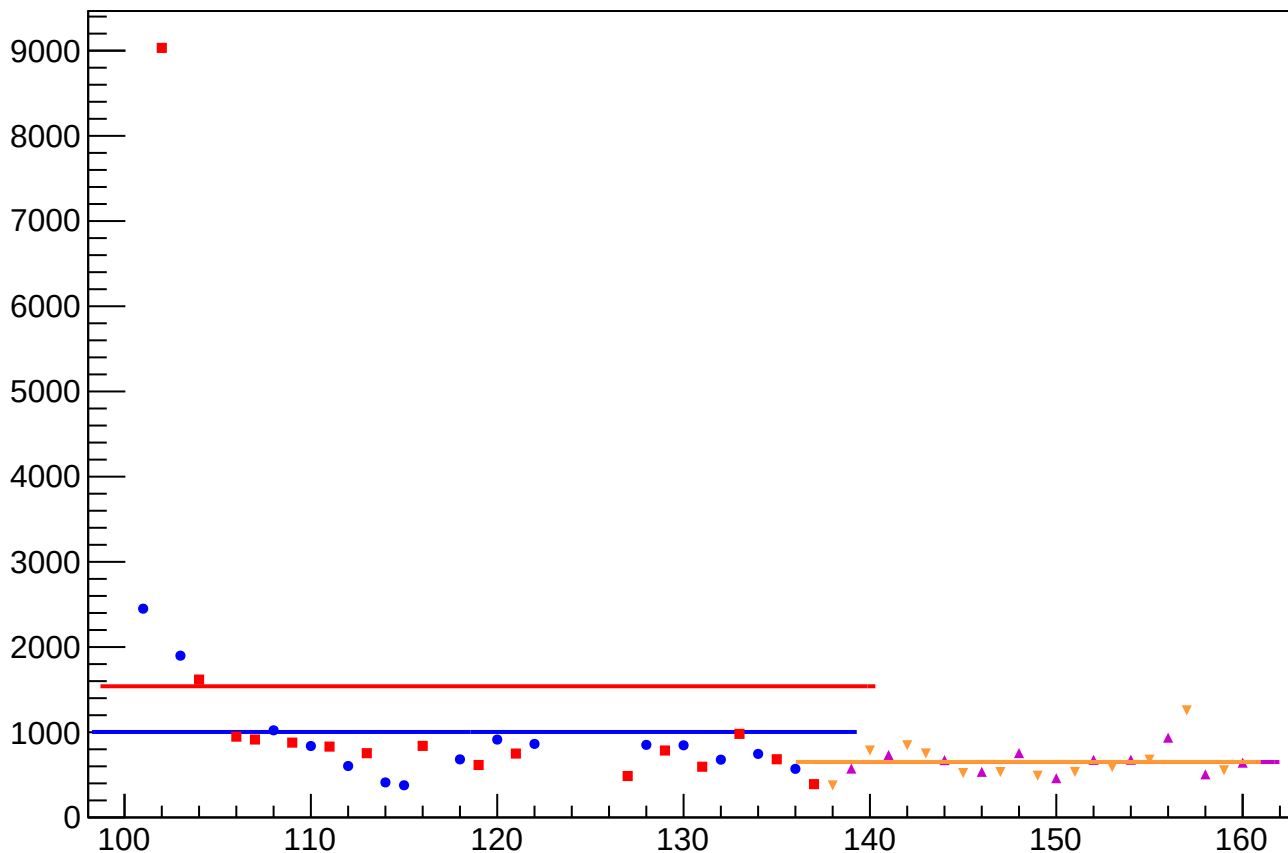
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6916.269+/-0.000 χ^2/NDF : 1116807093678978049721043579861444067328.0/11
 Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7245.920+/-0.000 χ^2/NDF : 401760462783969098772010925007315140608.0/10

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407 +/- 0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

+ sign 797.669 +/- 0.000 χ^2/NDF : 312371598473089

Left Out: 651.582 +/- 0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

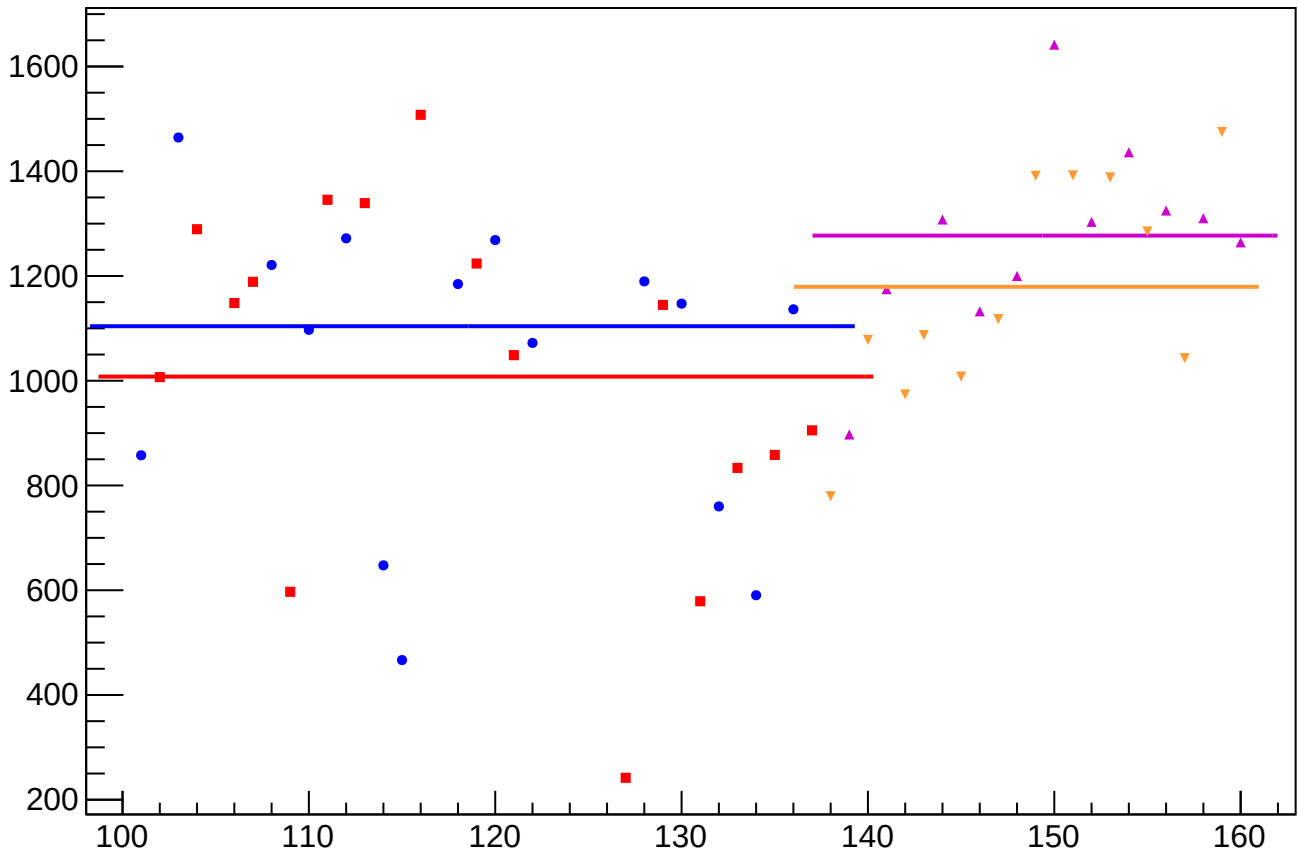
All: 911.528 +/- 0.000 χ^2/NDF : 428810018273

Right Out: 1539.568 +/- 0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

- sign 1023.383 +/- 0.000 χ^2/NDF : 39355602156889

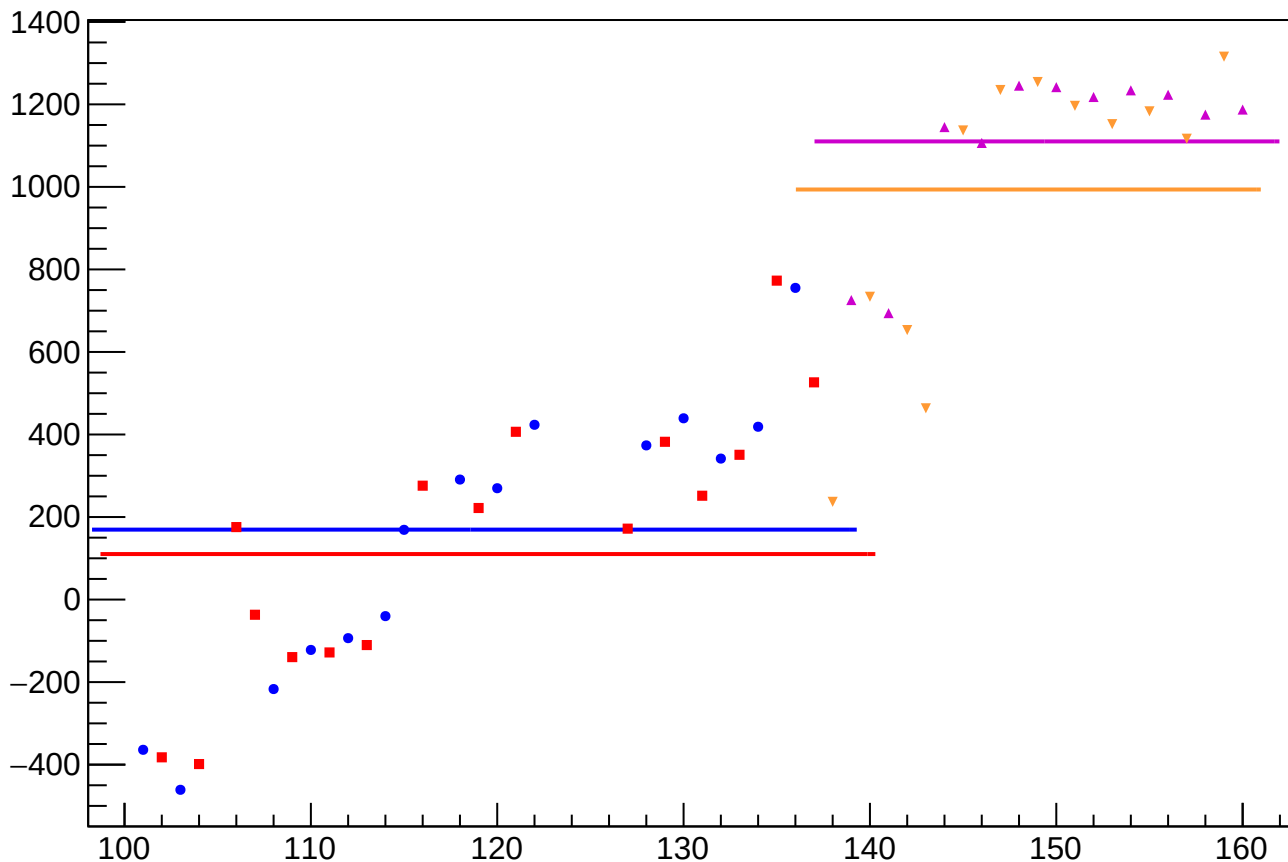
Left In: 650.769 +/- 0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



+ sign 1148.100 +/- 0.000 χ^2/NDF : 73628368958625
 All: 1156.244 +/- 0.000 χ^2/NDF : 20056102034
 - sign 1164.243 +/- 0.000 χ^2/NDF : 12672719249309

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

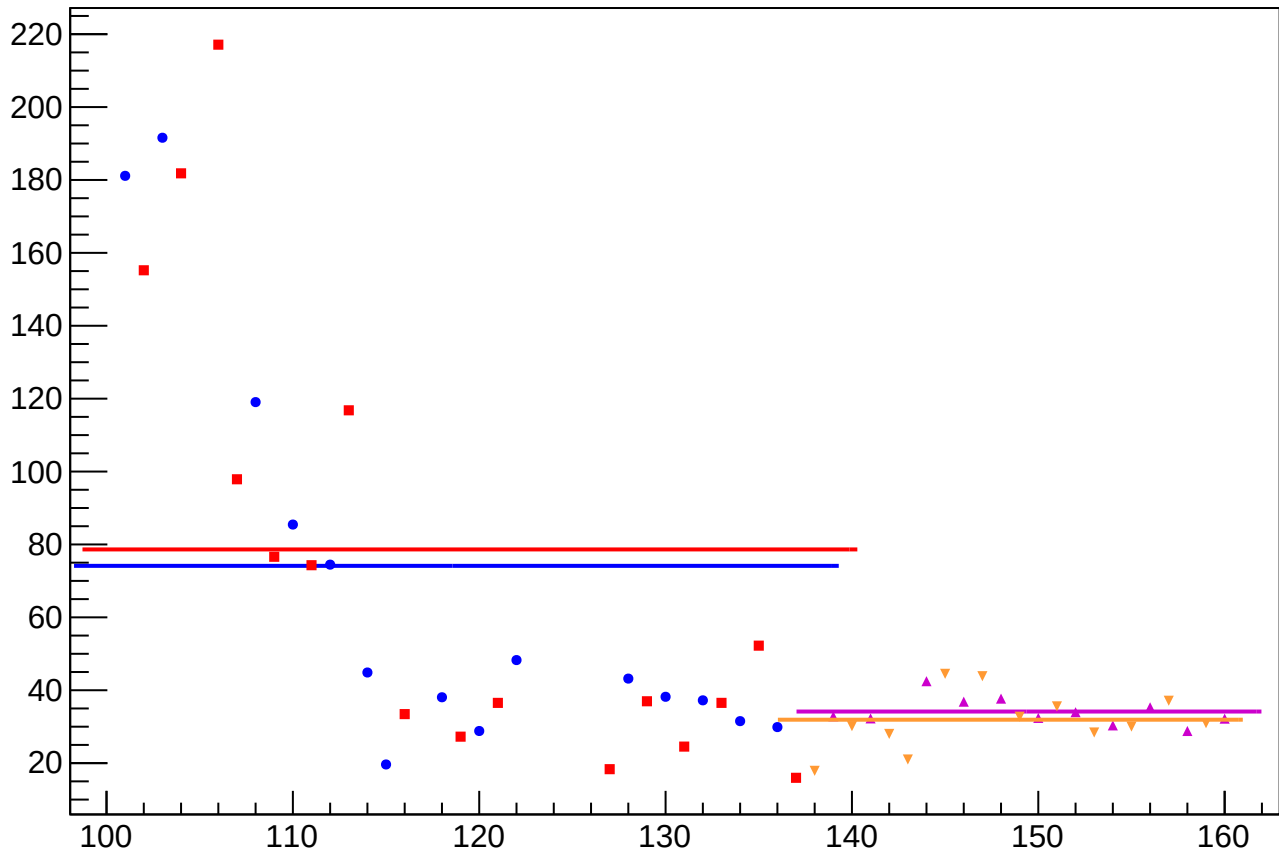
All: 671.406+/-0.000 χ^2/NDF : 951499306925

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129 $\pm$ 0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916 $\pm$ 0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633 $\pm$ 0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

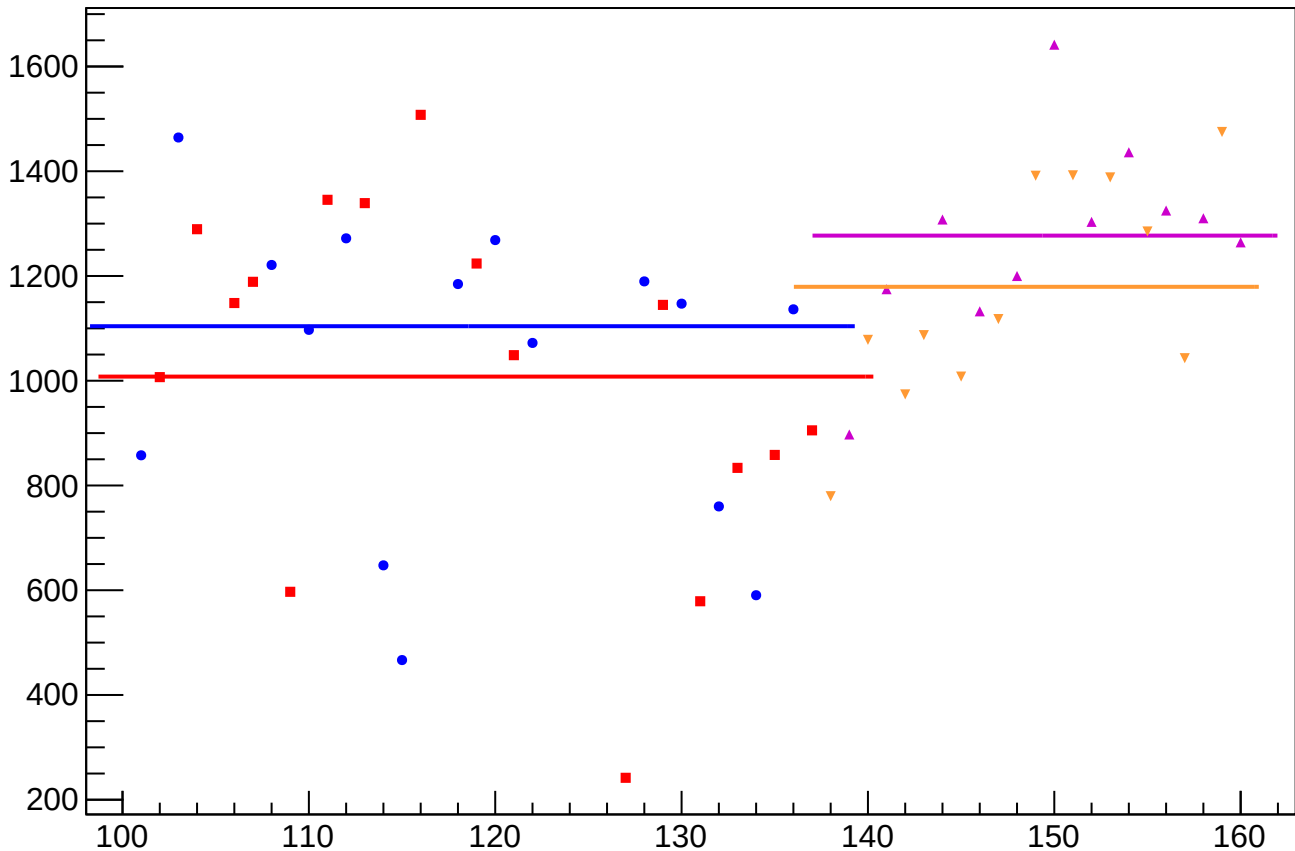
Left In: 34.158 $\pm$ 0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444 $\pm$ 0.000 χ^2/NDF : 2897043511629601

All: 51.139 $\pm$ 0.000 χ^2/NDF : 6027926549606240.0/15

- sign 52.804 $\pm$ 0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

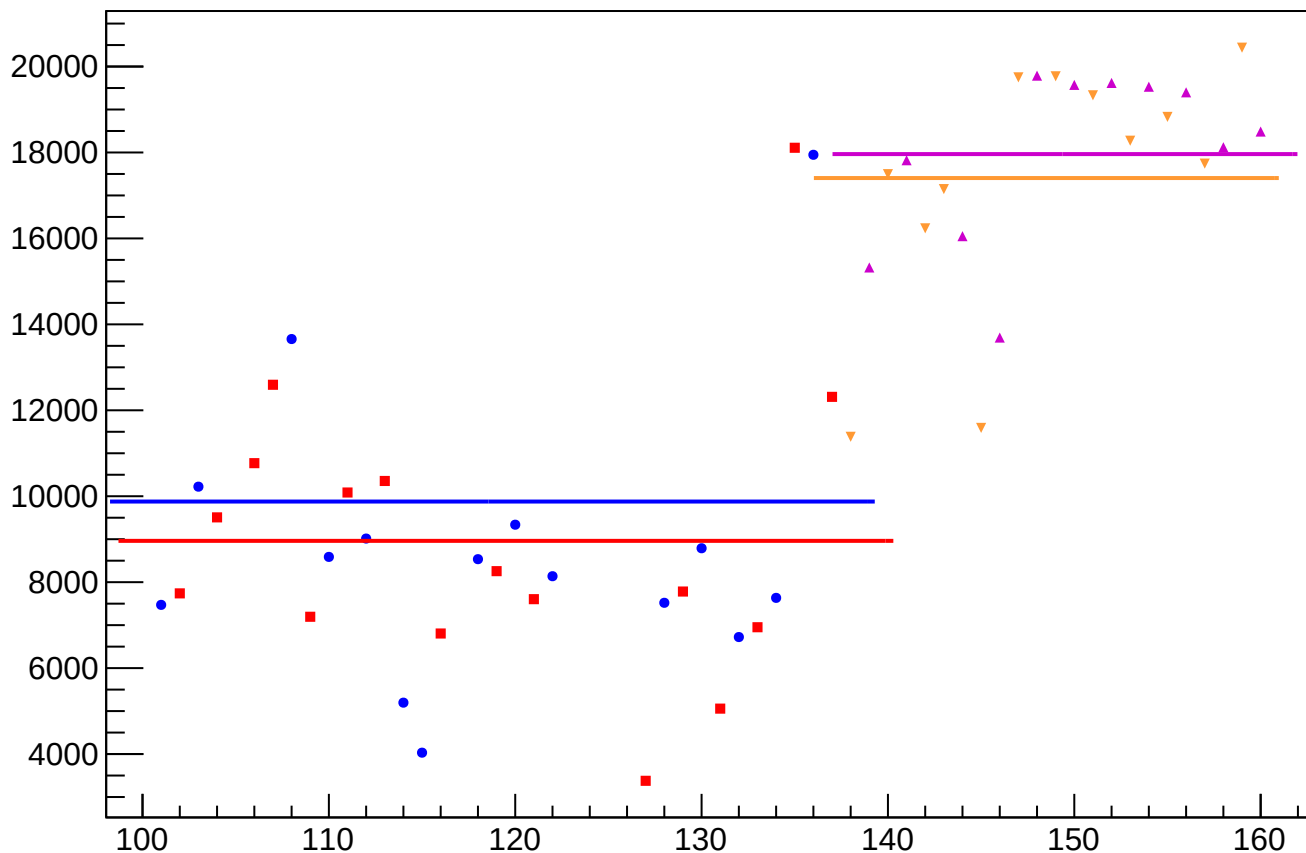
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

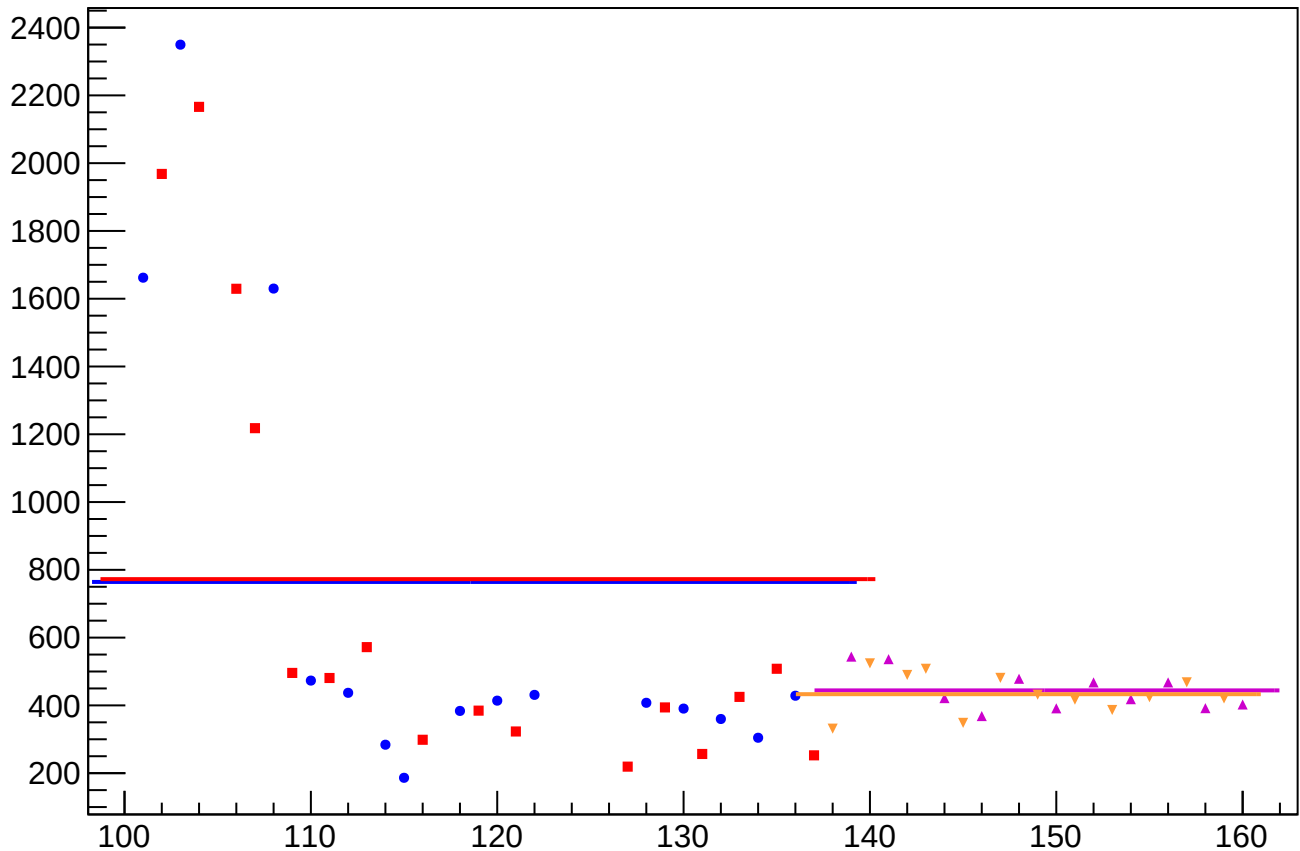
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17405.049+/-0.000 χ^2/NDF : 7689801671099378791544545422175664865280.0/11
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529+/-0.000 χ^2/NDF : 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 433.079+/-0.000 χ^2/NDF : 3070370524438239159273190119476035584.0/11

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

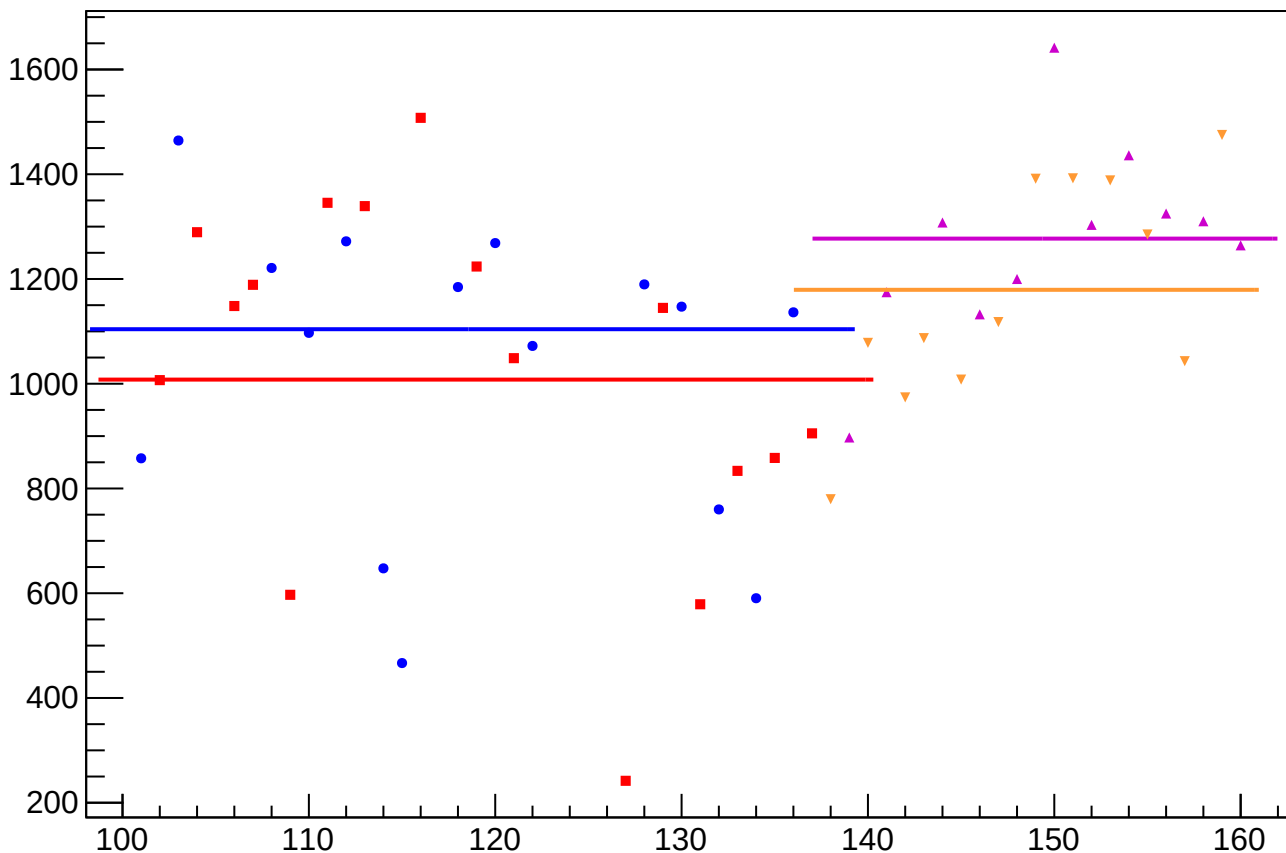
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ sign 570.604+/-0.000 χ^2/NDF : 335667061264854

All: 576.292+/-0.000 χ^2/NDF : 666328037619

- sign 581.880+/-0.000 χ^2/NDF : 330560730510906

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

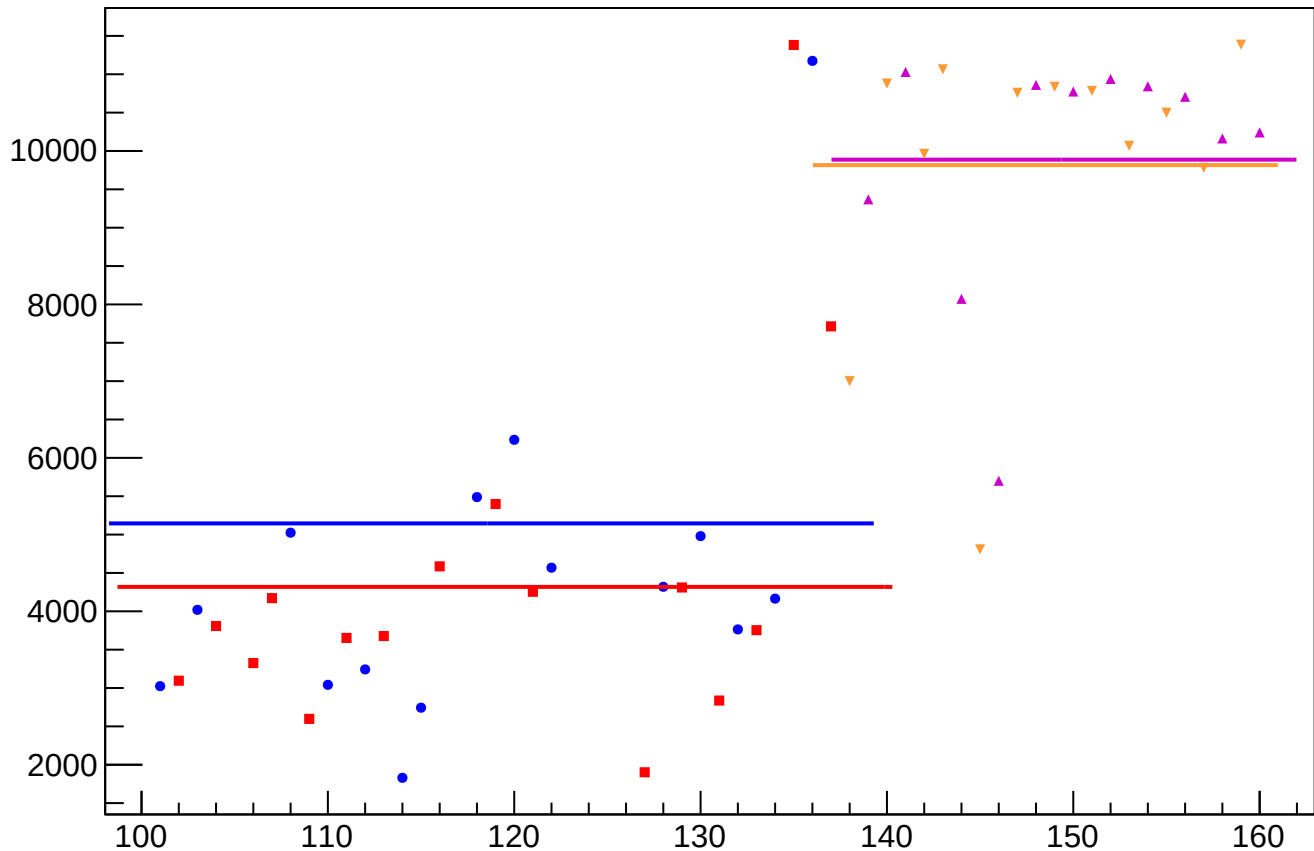
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

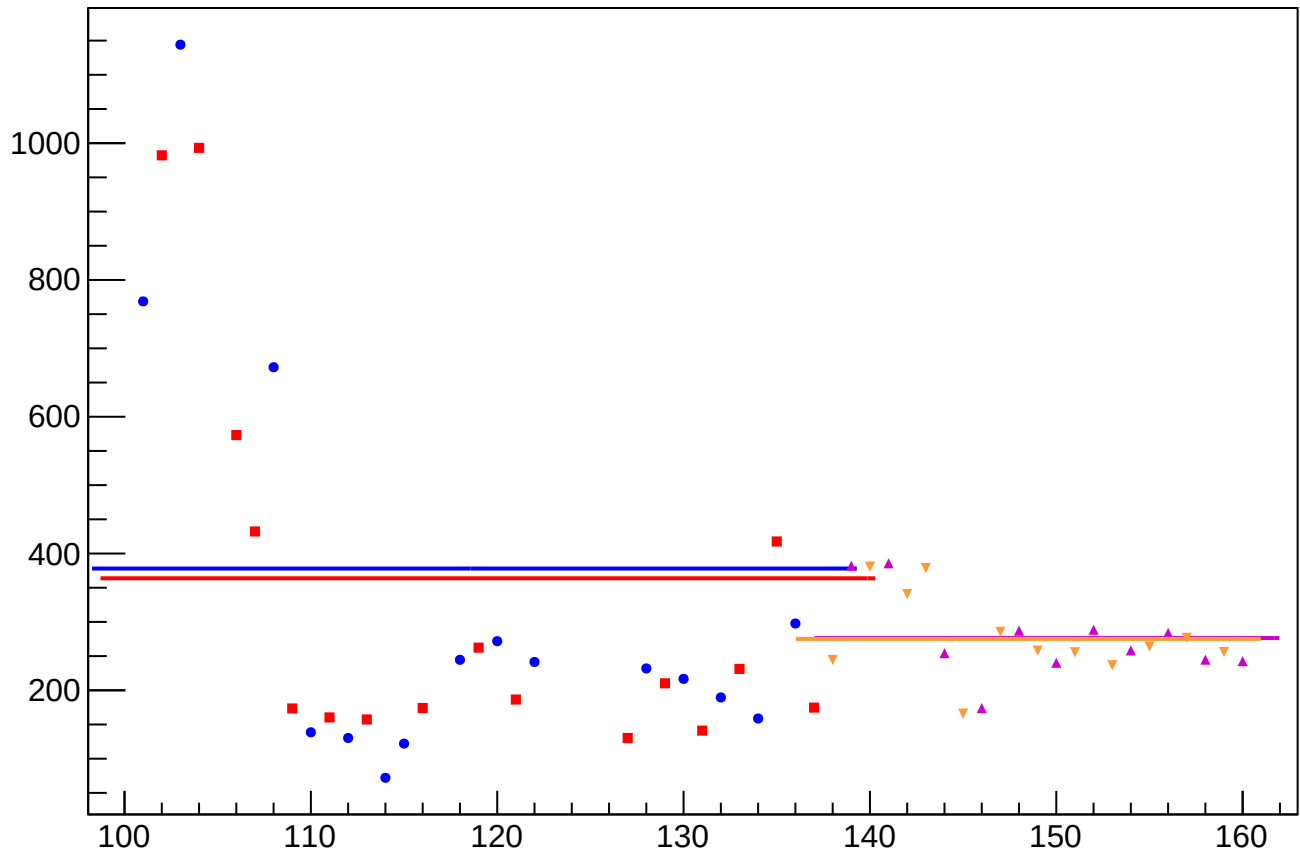
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9815.736+/-0.000 χ^2/NDF : 3242126212507286714618316704208262266880.0/11
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9887.069+/-0.000 χ^2/NDF : 2278516780225824082632420288802127347712.0/10

dit_sam3_coil3_err_mean vs Slug



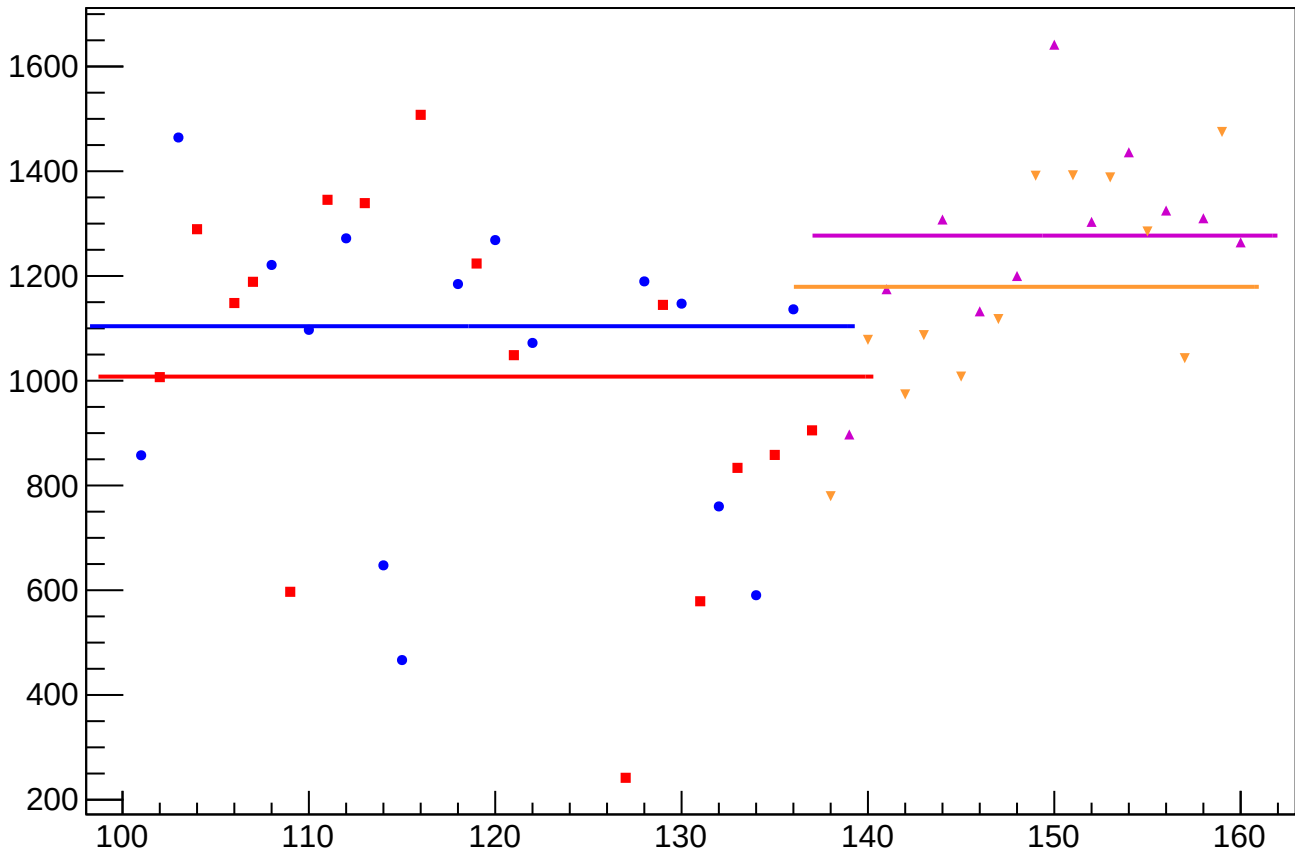
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

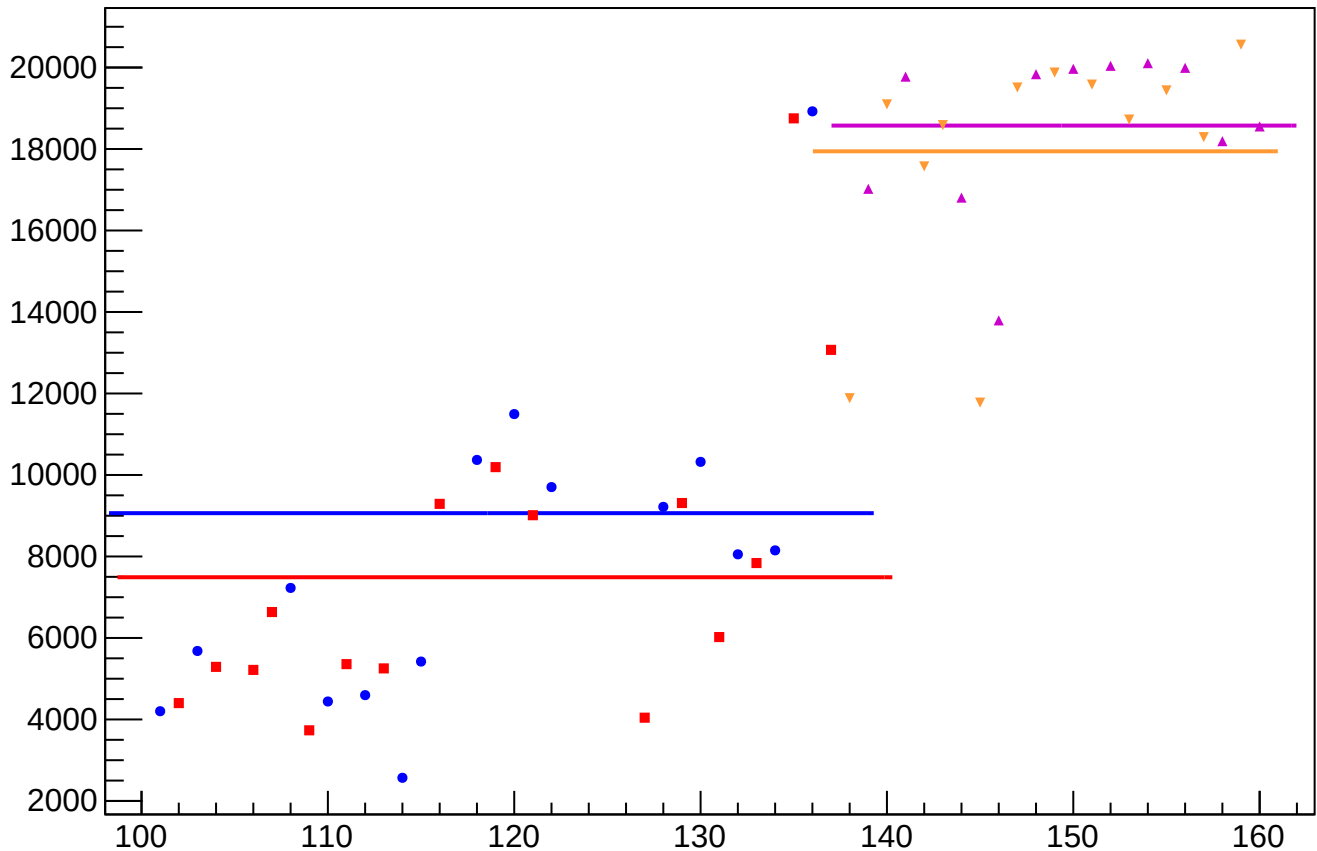
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

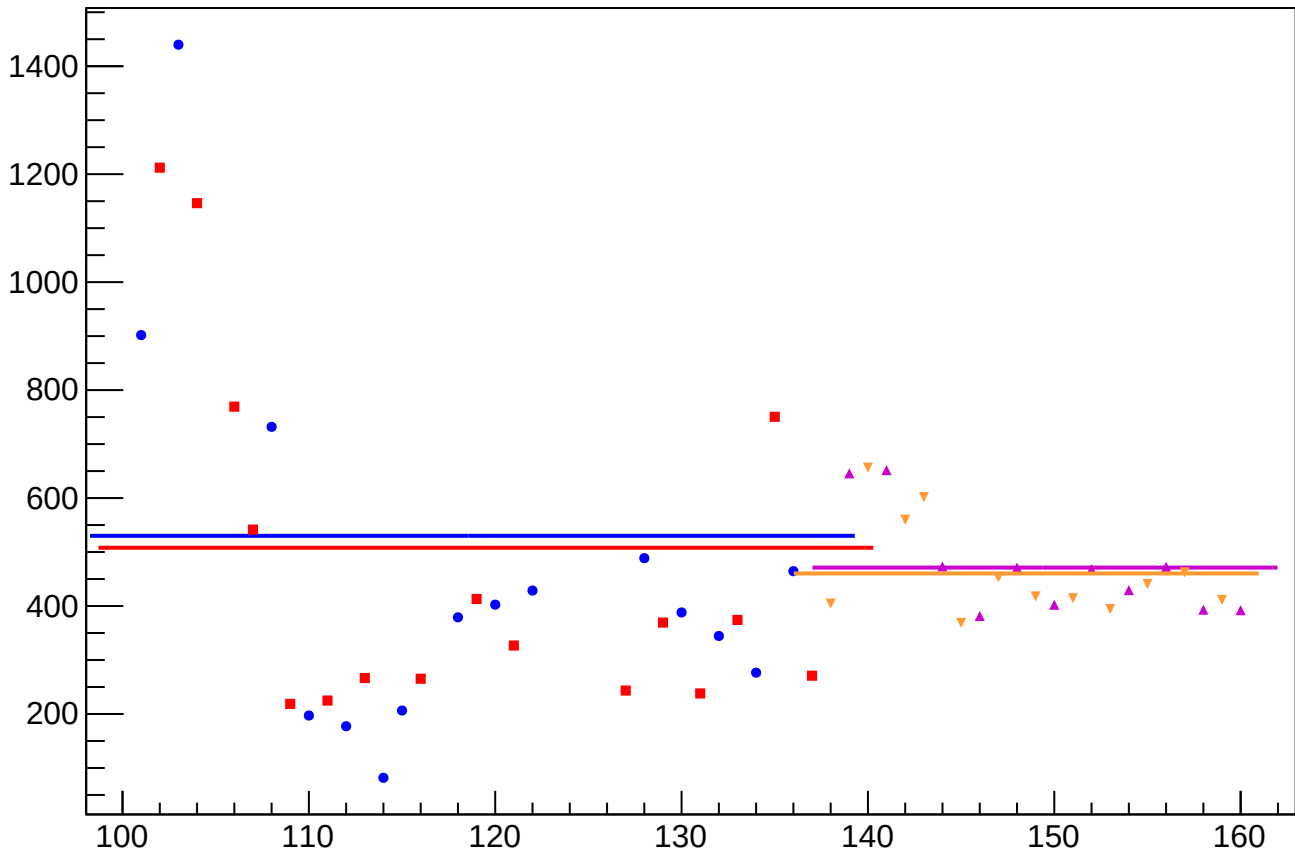
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17943.531+/-0.000 χ^2/NDF : 7473617733274816603280469921274378846208.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



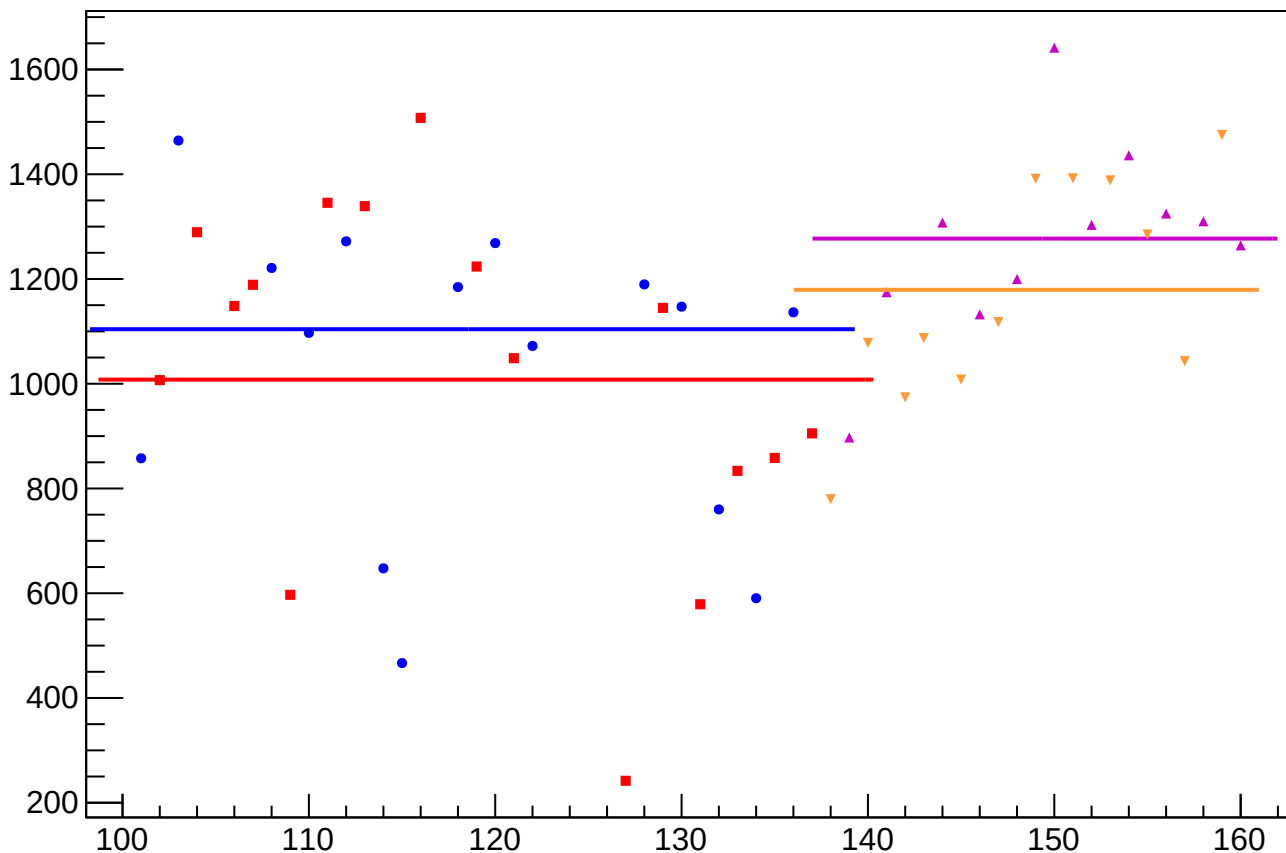
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

Left Out: 460.312 $\pm$ 0.000 χ^2 /NDF: 6754606428371283053517529701630869504.0/11

Right Out: 507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15

Left In: 471.219 $\pm$ 0.000 χ^2 /NDF: 744597321916033625746772011051745280.0/10

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

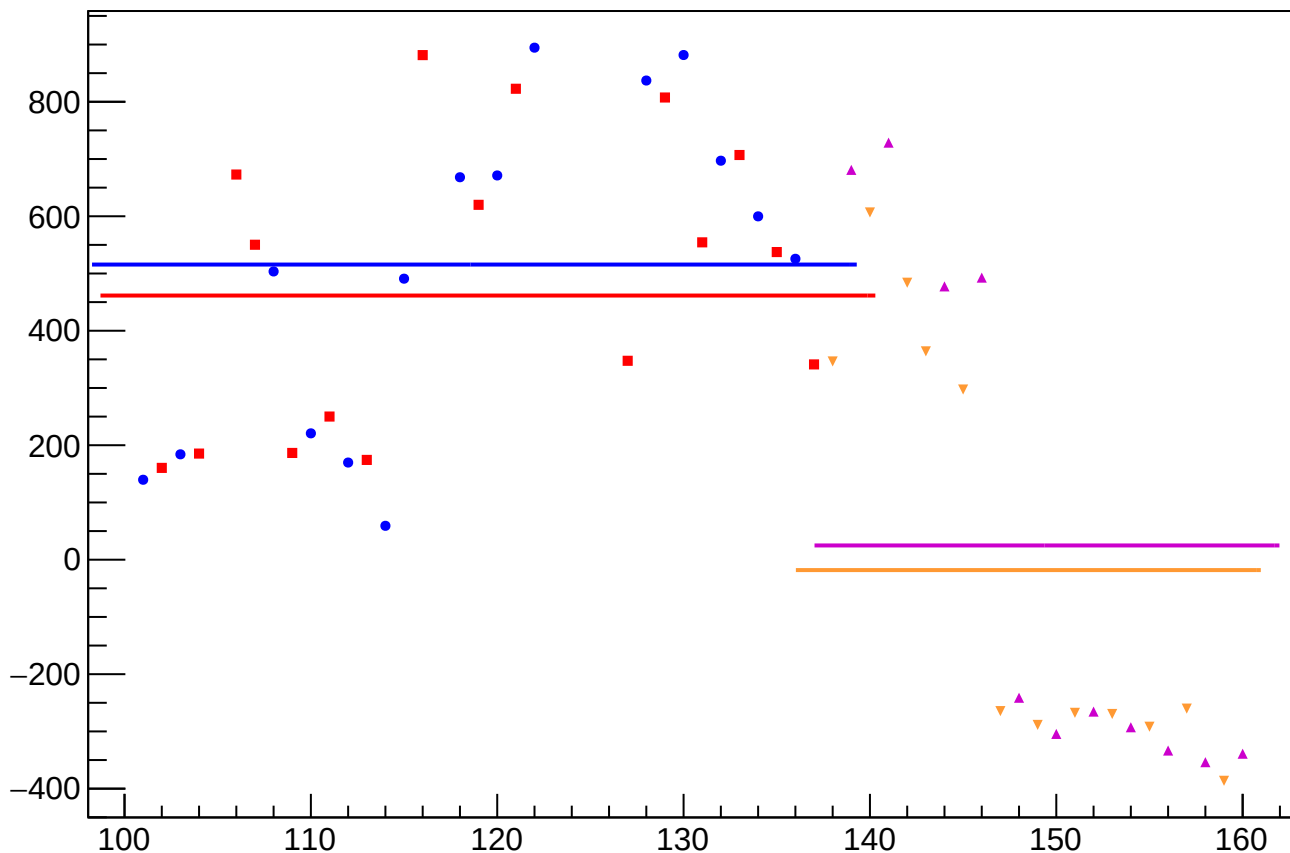
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

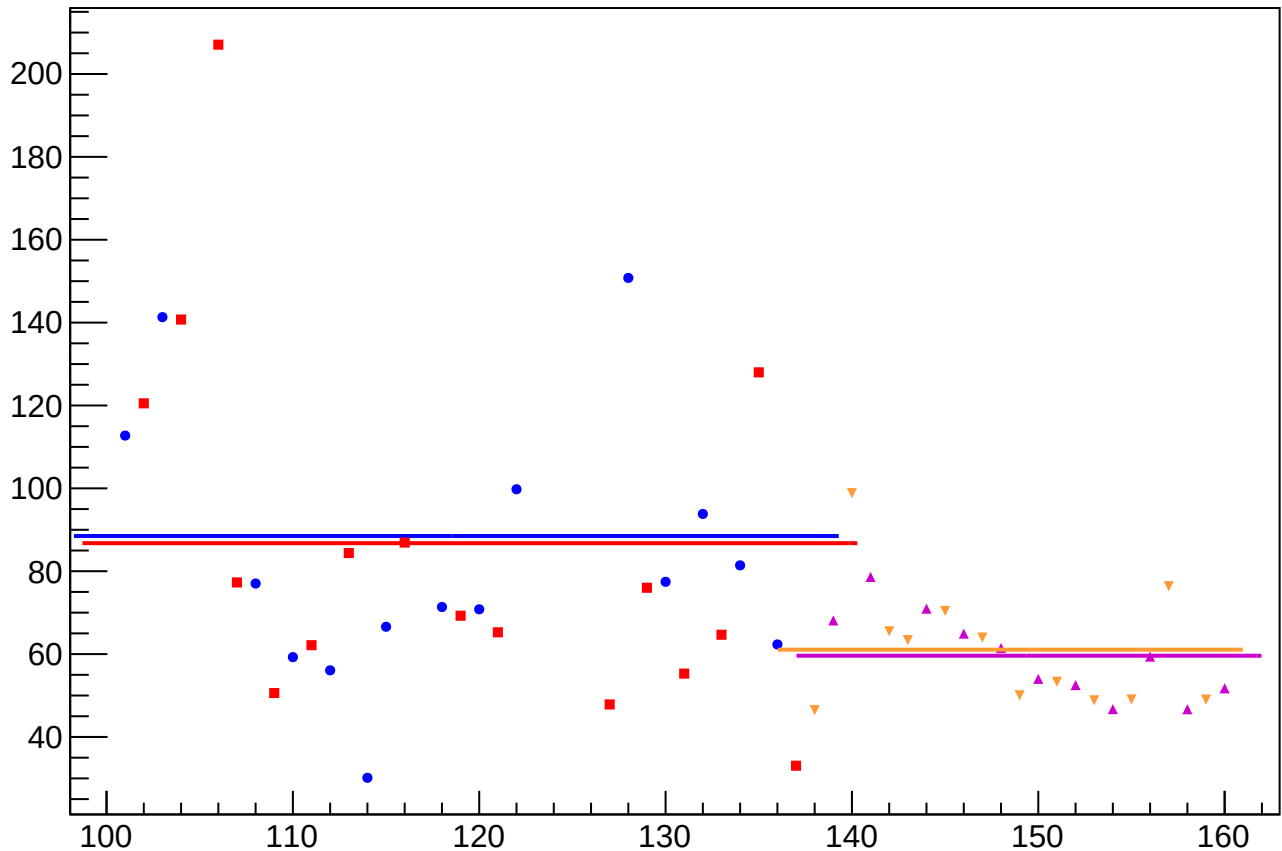
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

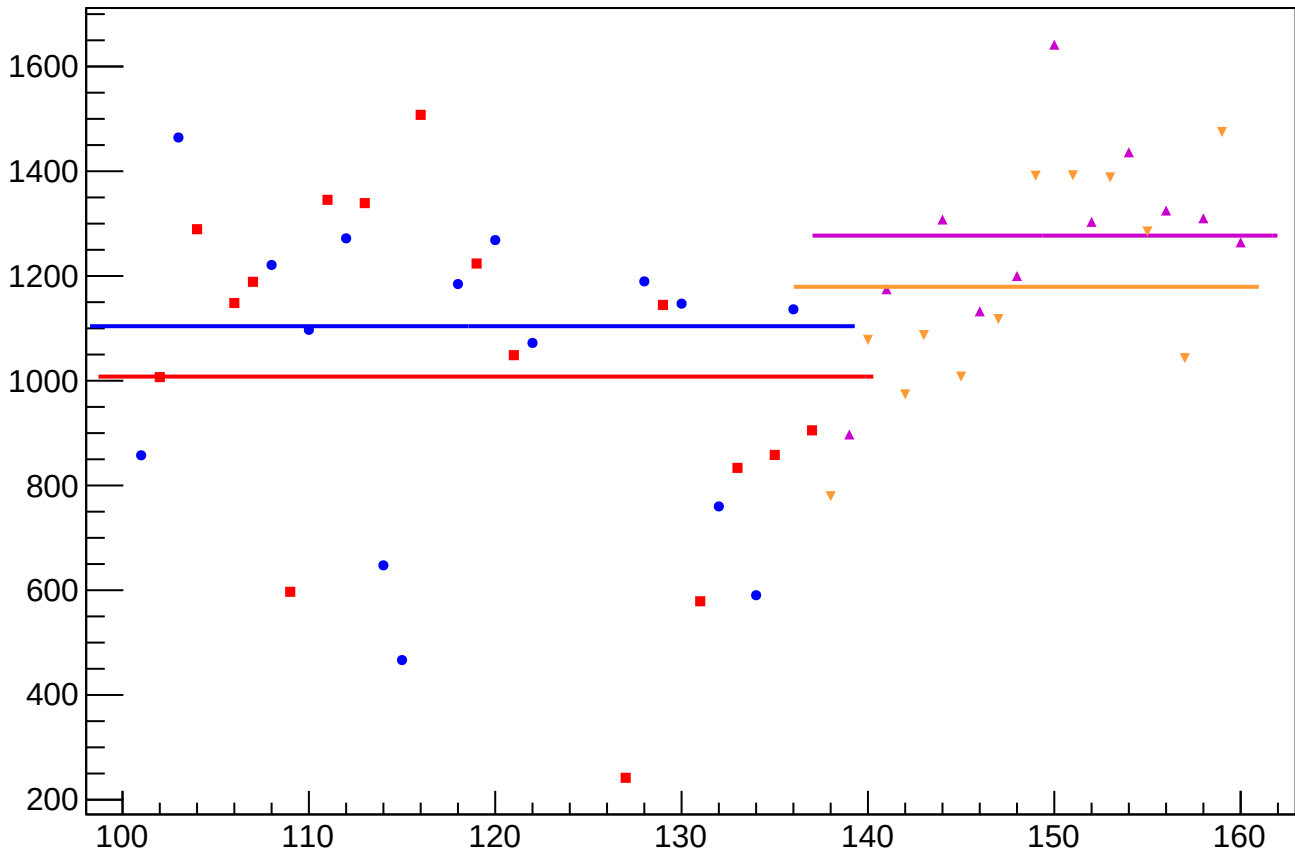
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493 ± 0.000 $\chi^2/\text{NDF}: 643231155193035512625817963208900608.0/14$
 Left Out: 61.067 ± 0.000 $\chi^2/\text{NDF}: 211507080213048507647331077961285632.0/11$
 Right Out: 86.773 ± 0.000 $\chi^2/\text{NDF}: 1059206766314086021240525003228708864.0/15$
 Left In: 59.604 ± 0.000 $\chi^2/\text{NDF}: 90862625181985664375323463168032768.0/10$

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

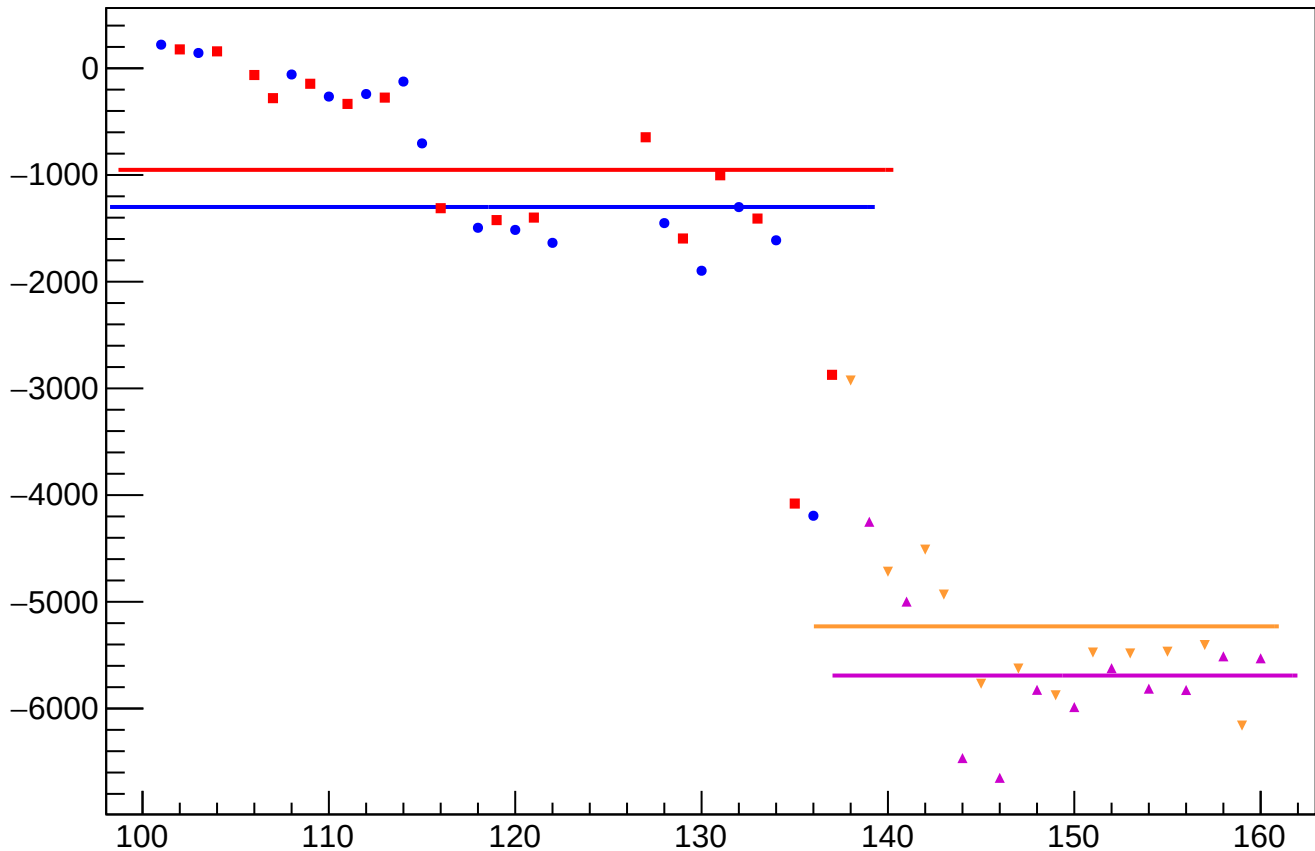
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -5230.164+/-0.000

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 χ^2/NDF : 621337546754048275745011650527081005056.0/11

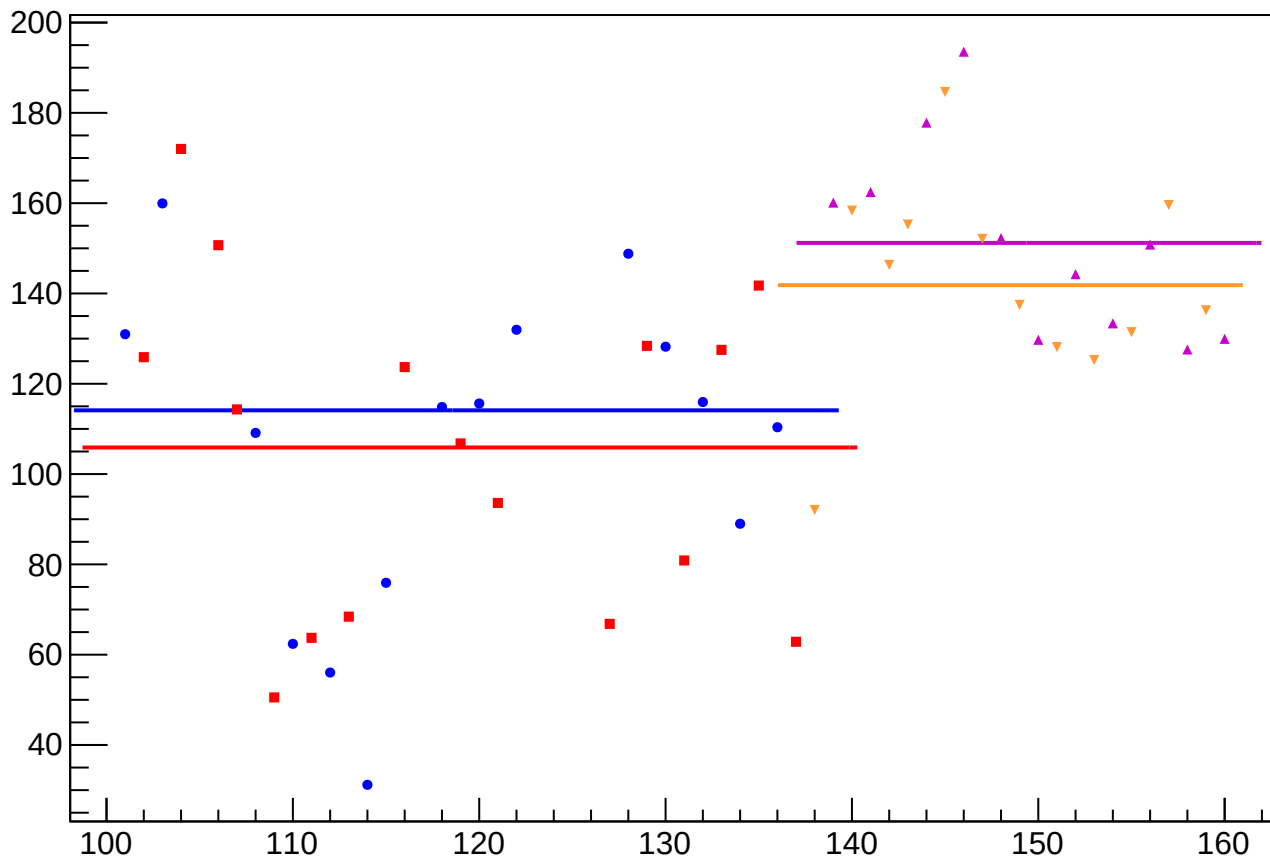
Right Out: -951.903+/-0.000

All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 χ^2/NDF : 841314696863657044174468284217089327104.0/15

Left In: -5690.941+/-0.000

- sign -3704.179+/-0.000 χ^2/NDF : 98968619860202
 χ^2/NDF : 355774620722948866968040460749891436544.0/10

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF : 455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

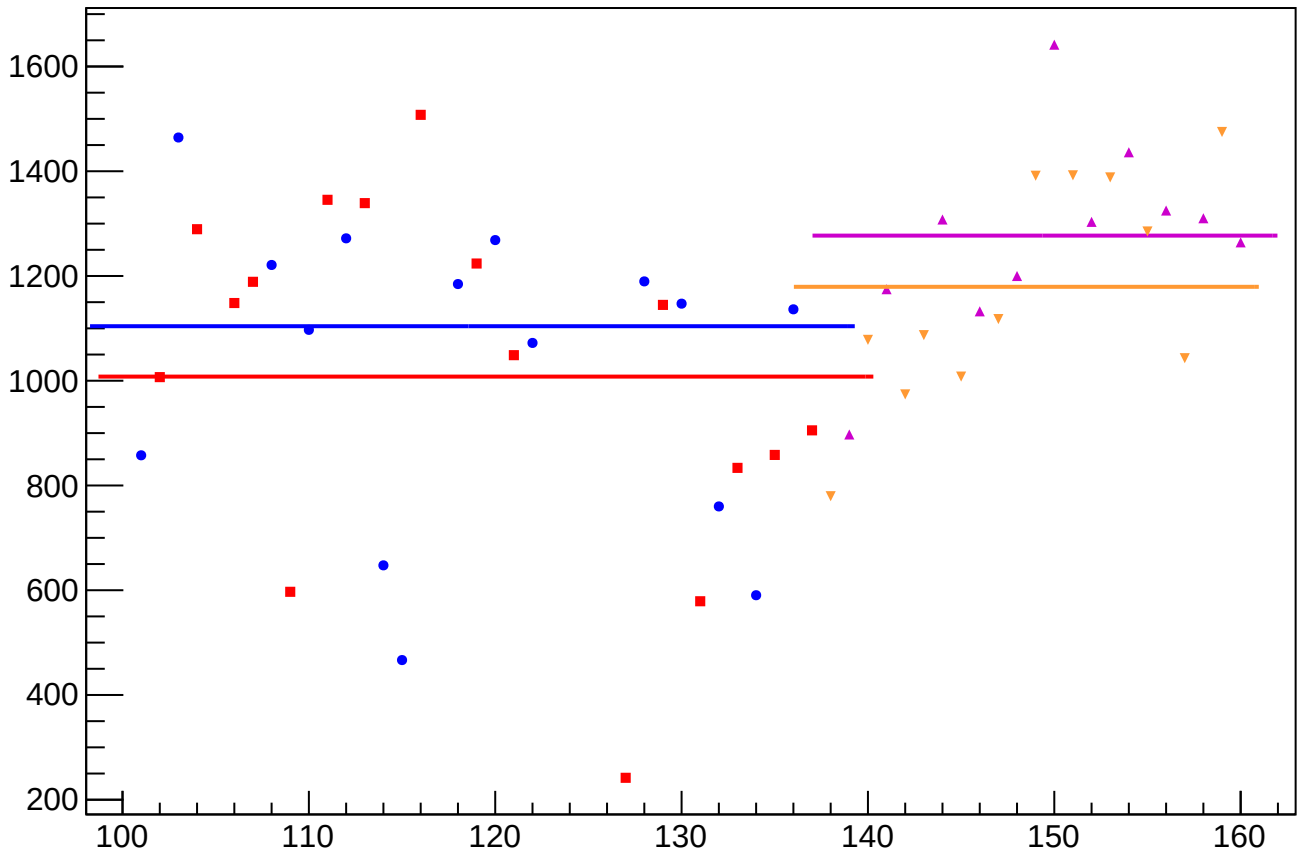
Left In: 151.203+/-0.000 χ^2/NDF : 382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF : 135424557525506

All: 131.277+/-0.000 χ^2/NDF : 338649926322

- sign 132.206+/-0.000 χ^2/NDF : 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

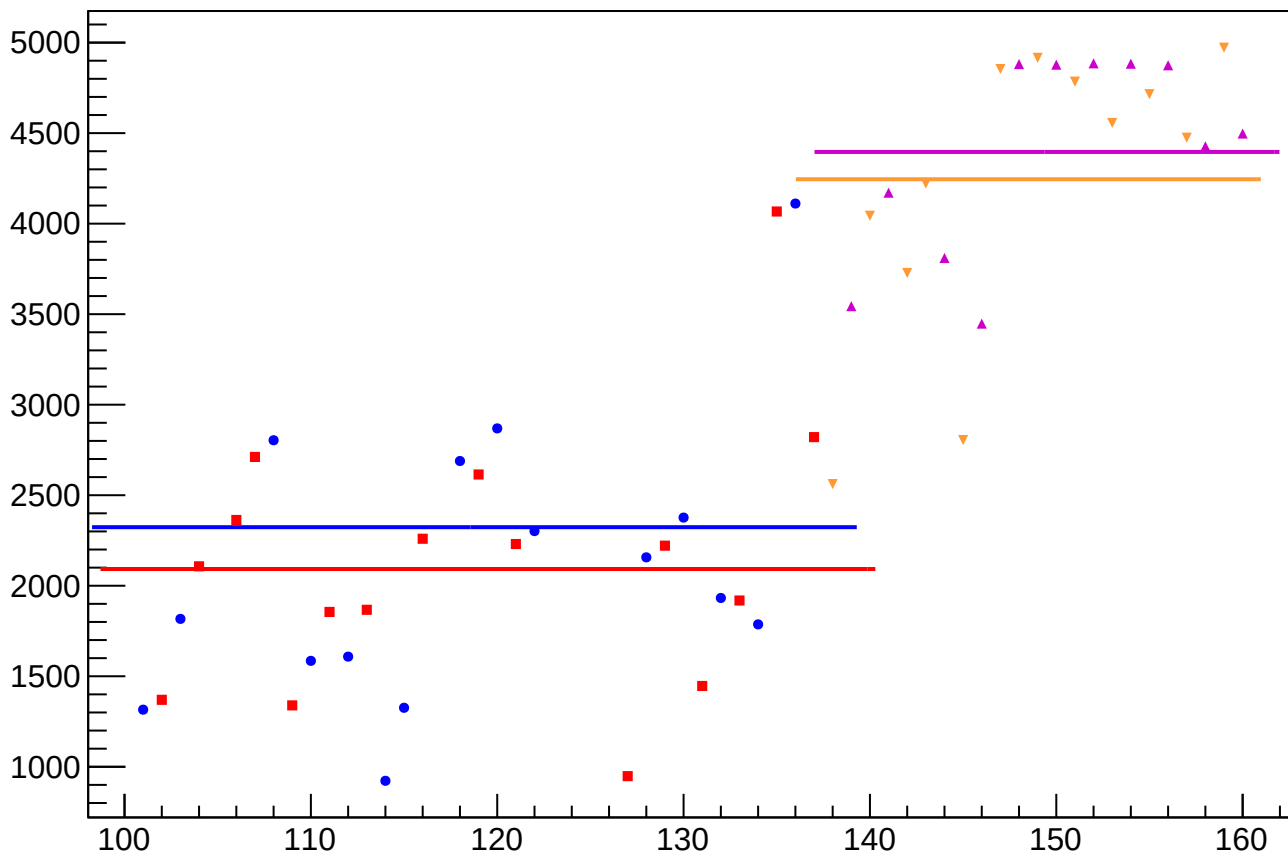
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

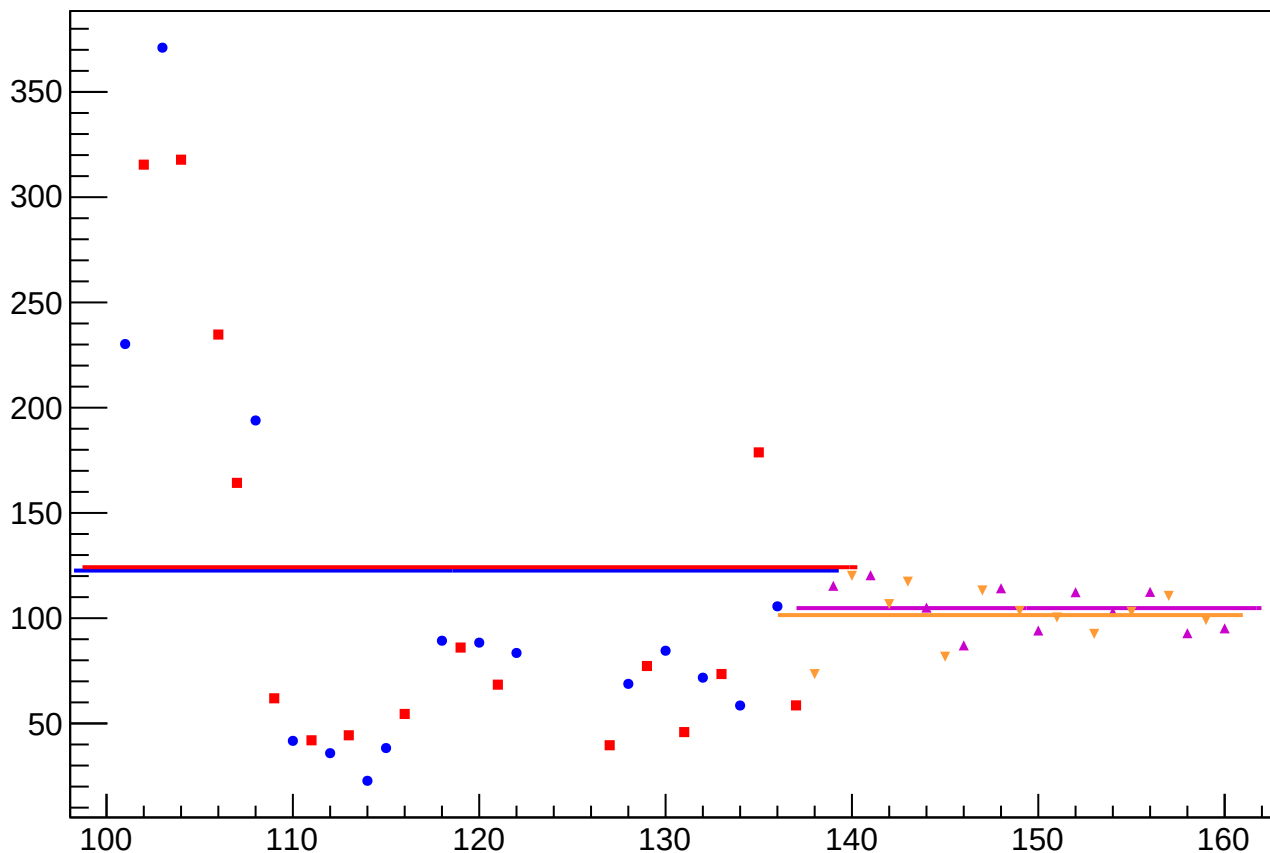
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 3430.319+/-0.000	χ^2/NDF : 26930874223674
Left In: 4396.069+/-0.000	χ^2/NDF : 270326441631367265143713722564756897792.0/10		

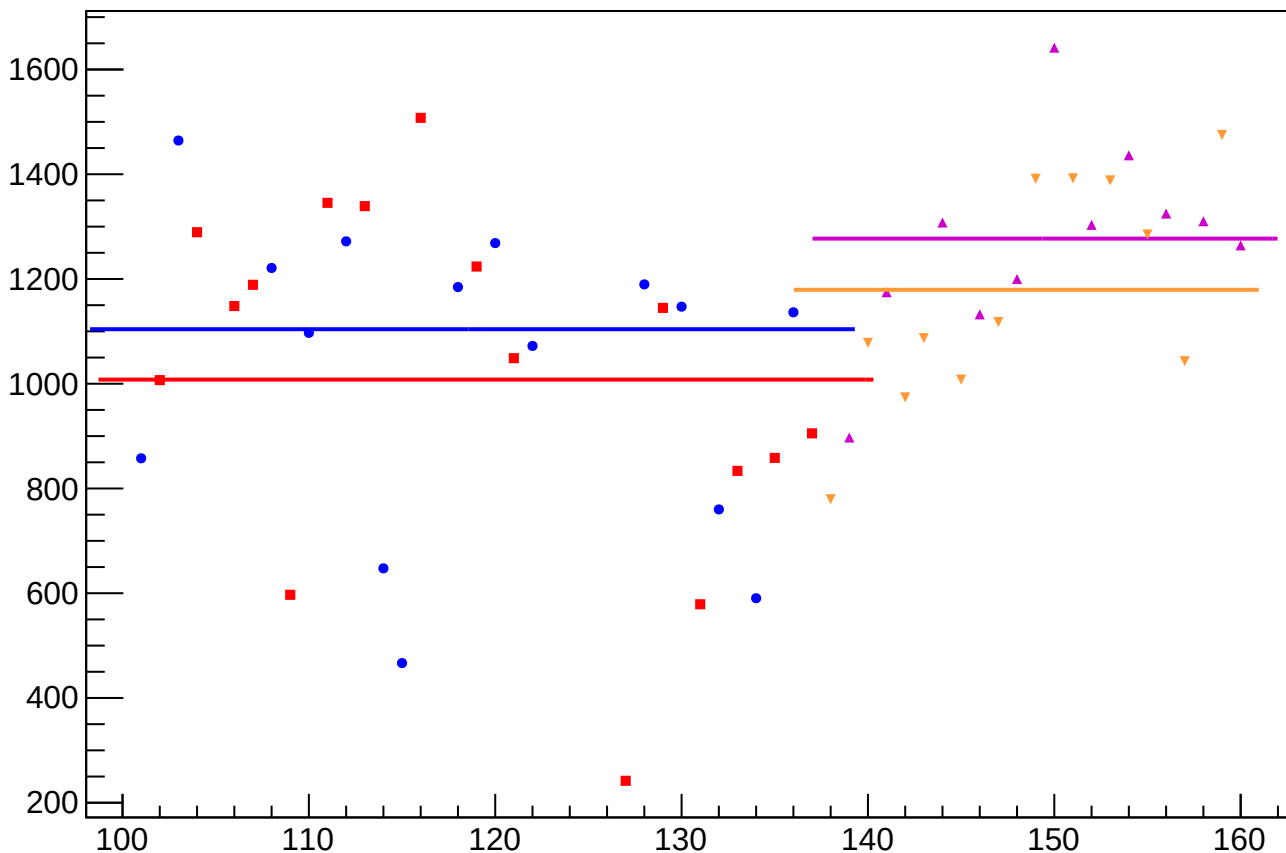
dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000	χ^2/NDF : 5937504661187691145903235842749497344.0/14
Left Out: 101.470+/-0.000	χ^2/NDF : 163606586609215515174601139620413440.0/11
Right Out: 124.216+/-0.000	χ^2/NDF : 6549627589629012958791202941129719808.0/15
Left In: 104.786+/-0.000	χ^2/NDF : 102013785381333837493435451846950912.0/10

+ sign 110.253+/-0.000 χ^2/NDF : 627090967671002
 All: 111.604+/-0.000 χ^2/NDF : 130744524723
 - sign 112.932+/-0.000 χ^2/NDF : 679788337218710

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

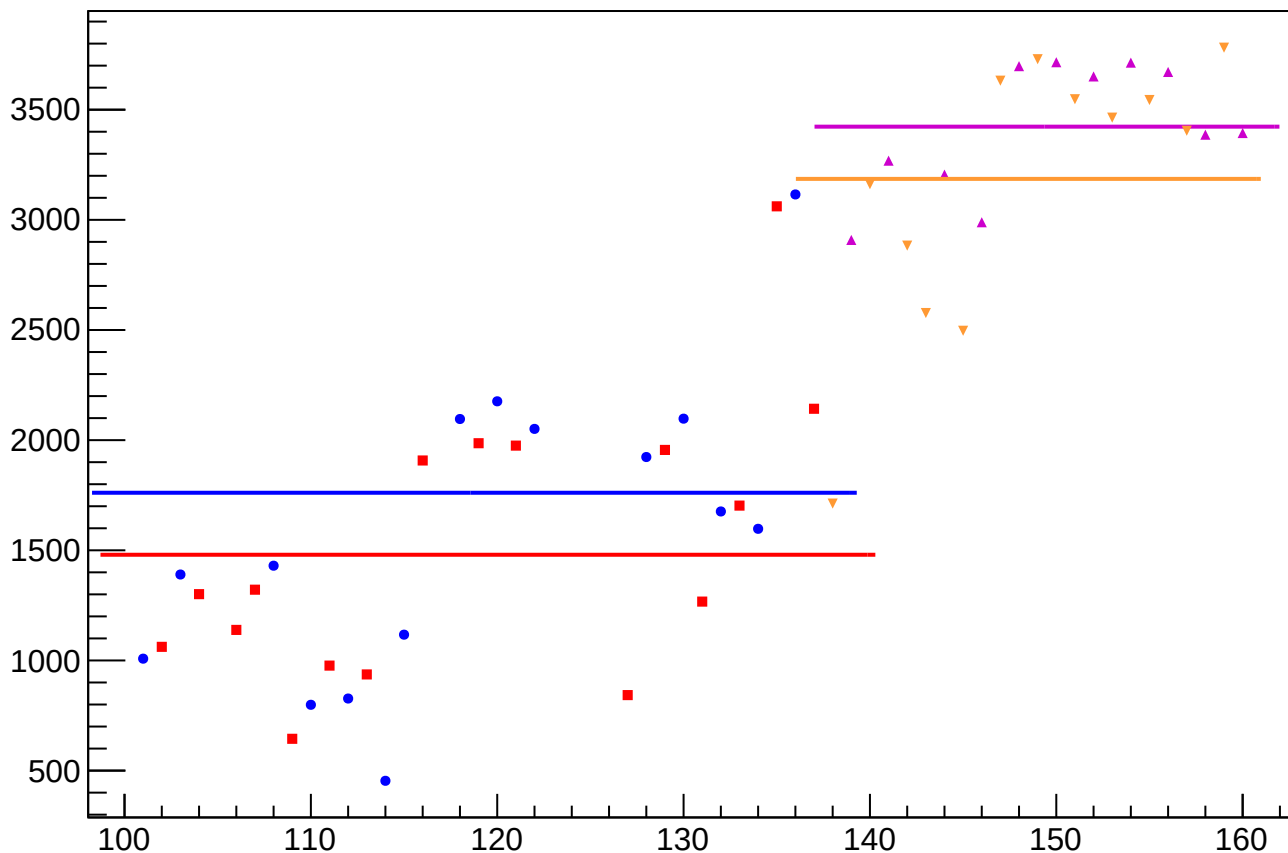
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

+ sign 2594.359+/-0.000 χ^2/NDF : 14374646884324

Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

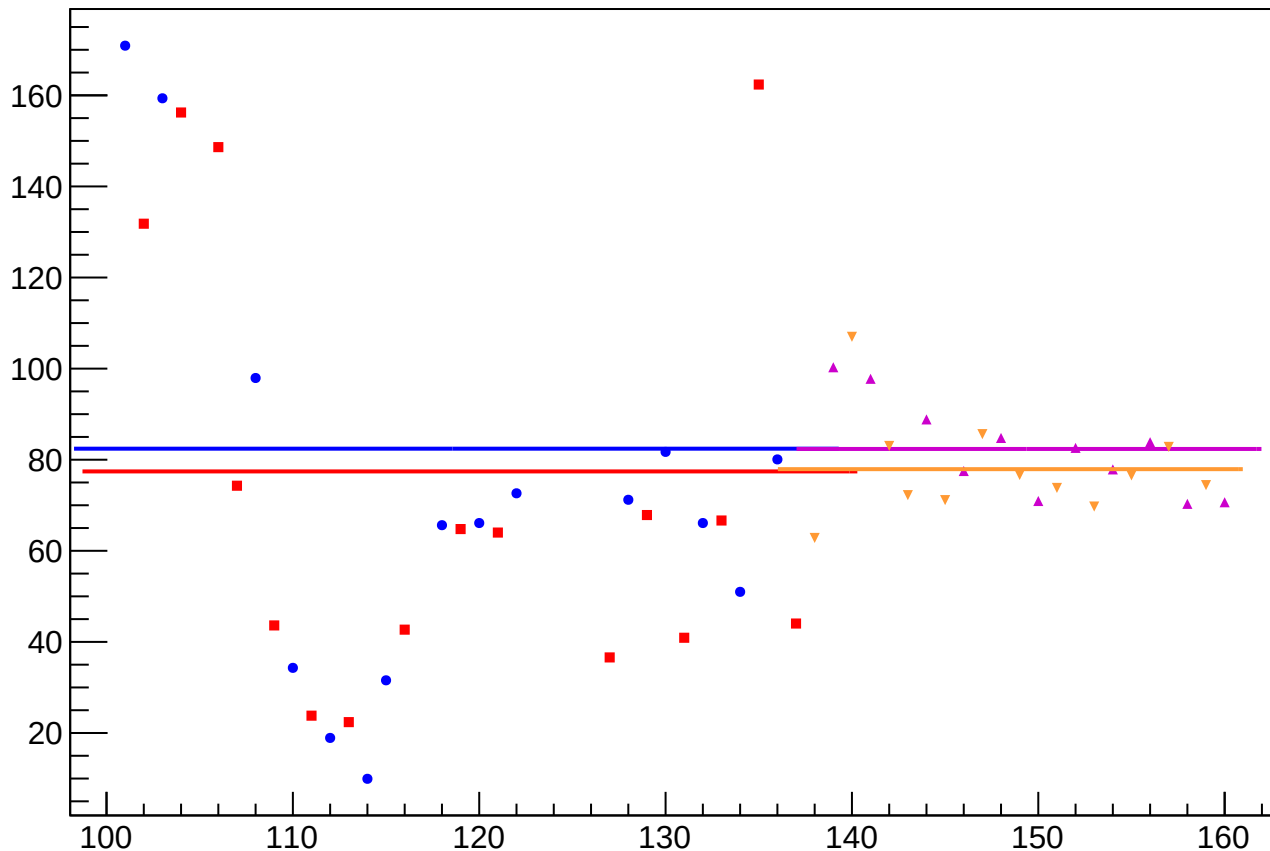
All: 2601.420+/-0.000 χ^2/NDF : 32383742993

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

- sign 2608.357+/-0.000 χ^2/NDF : 18007551336700

Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 77.927+/-0.000 χ^2/NDF : 108816585289567770159719515210907648.0/11

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

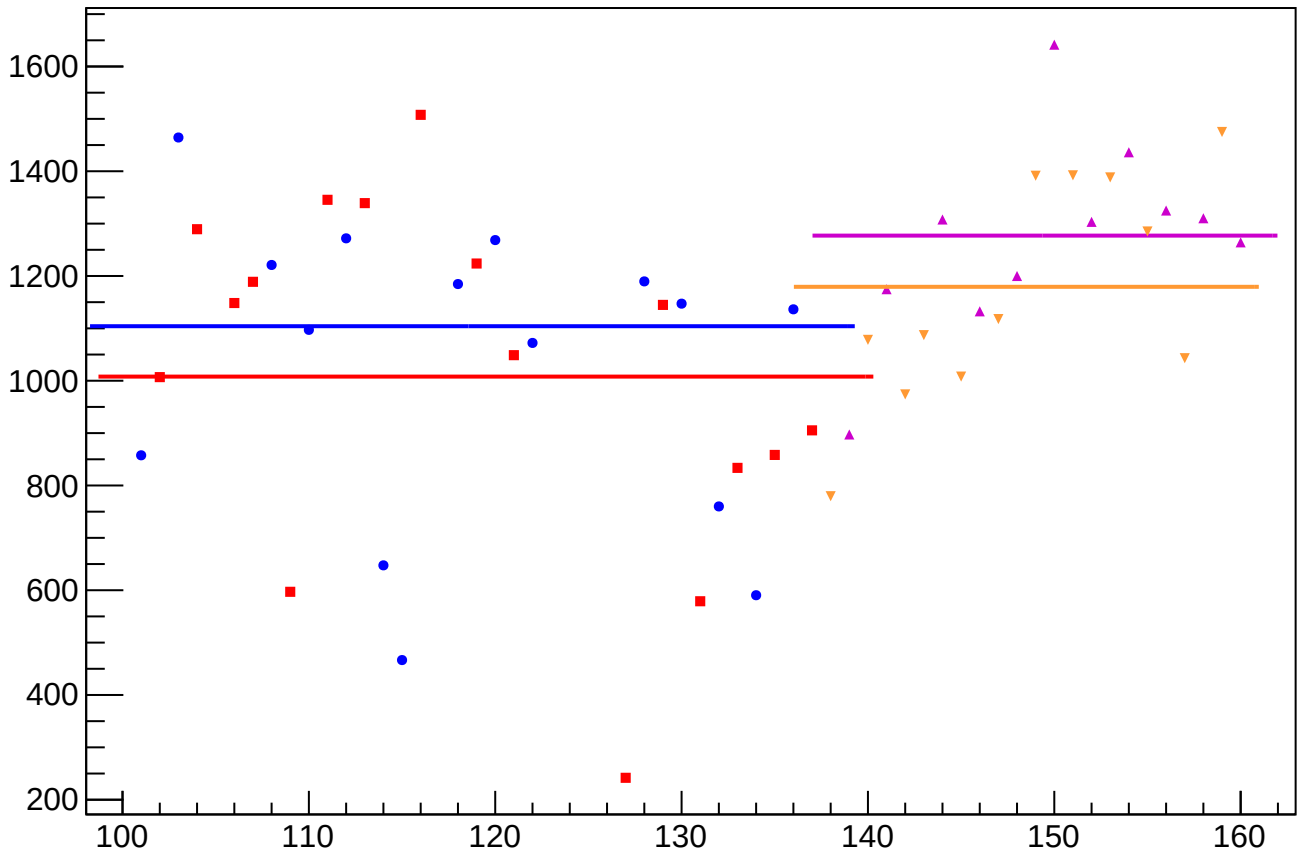
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ sign 79.794+/-0.000 χ^2/NDF : 1380118069986945

All: 80.046+/-0.000 χ^2/NDF : 2993351942483

- sign 80.294+/-0.000 χ^2/NDF : 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

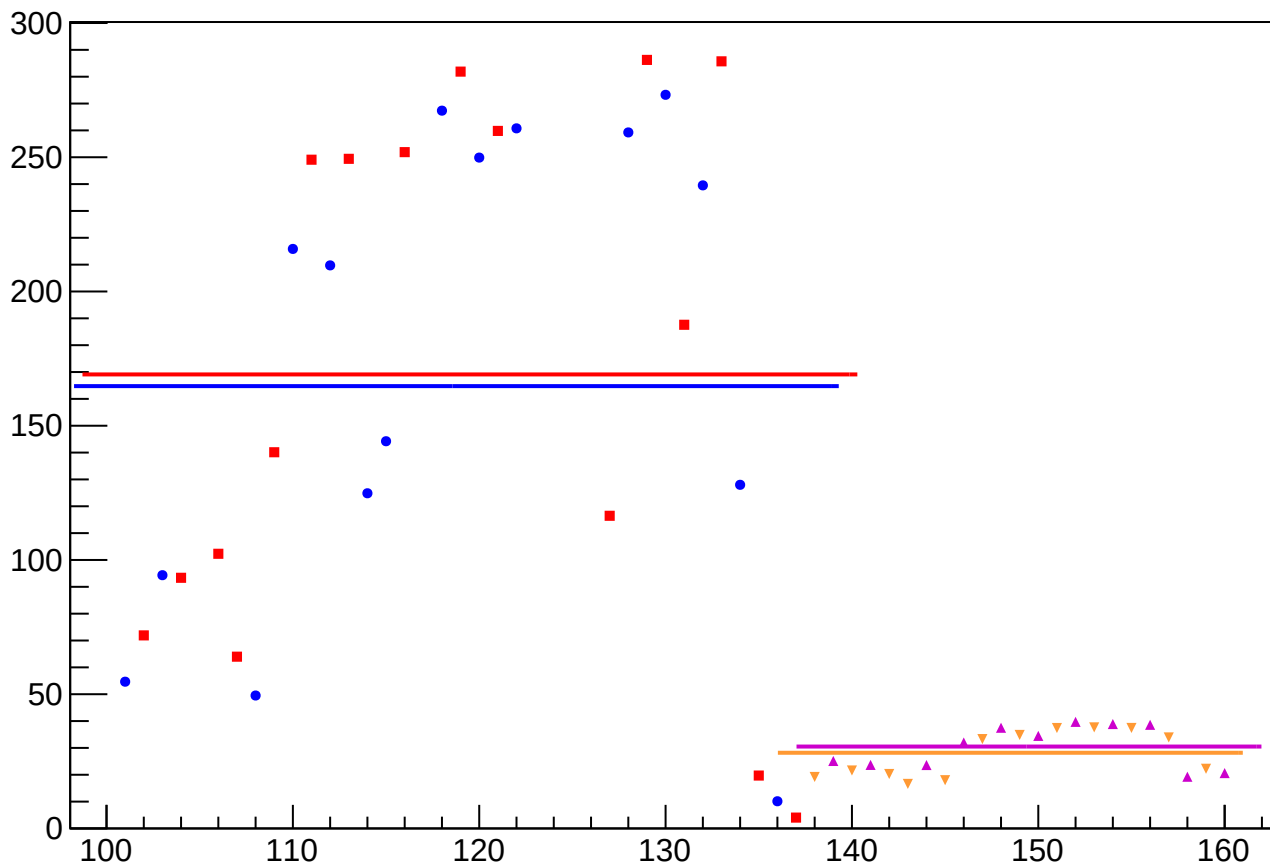
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



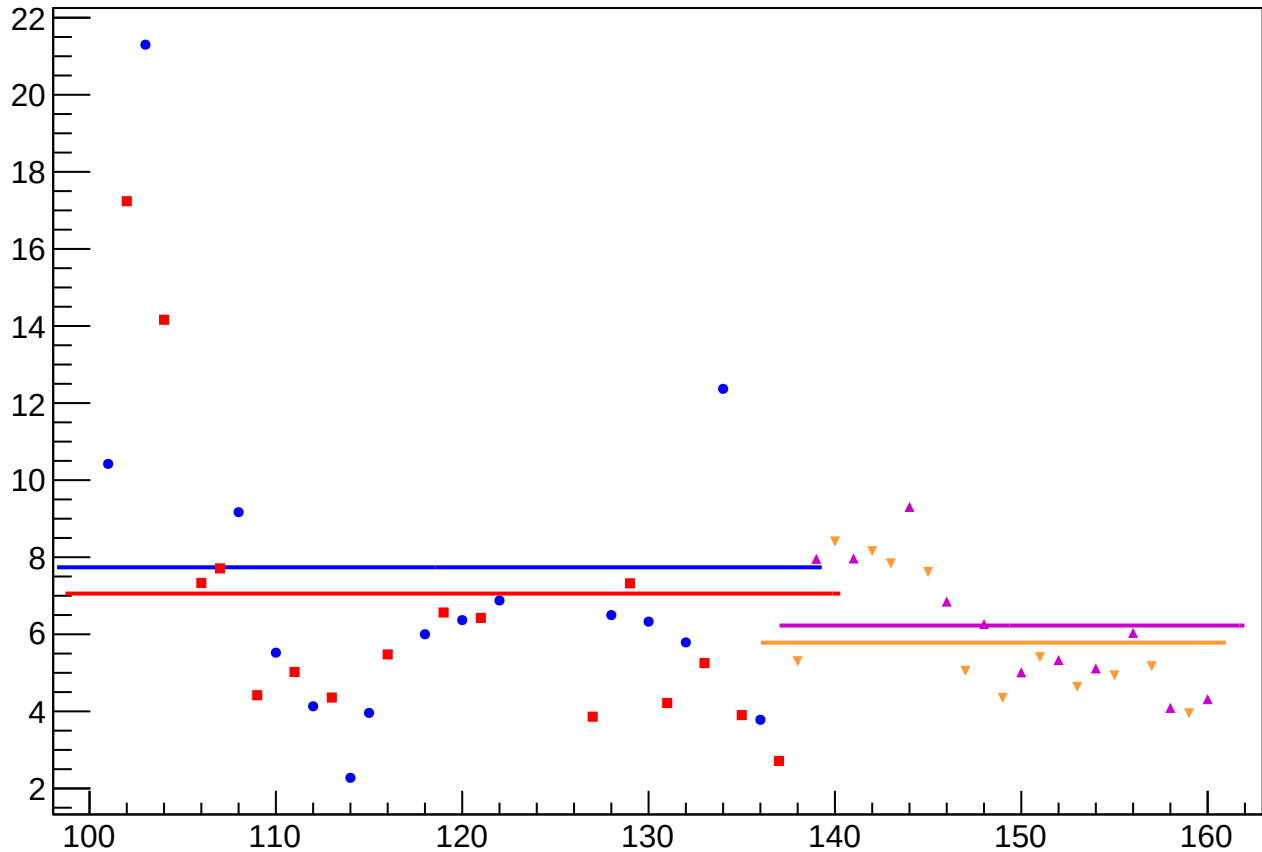
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192+/-0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783+/-0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

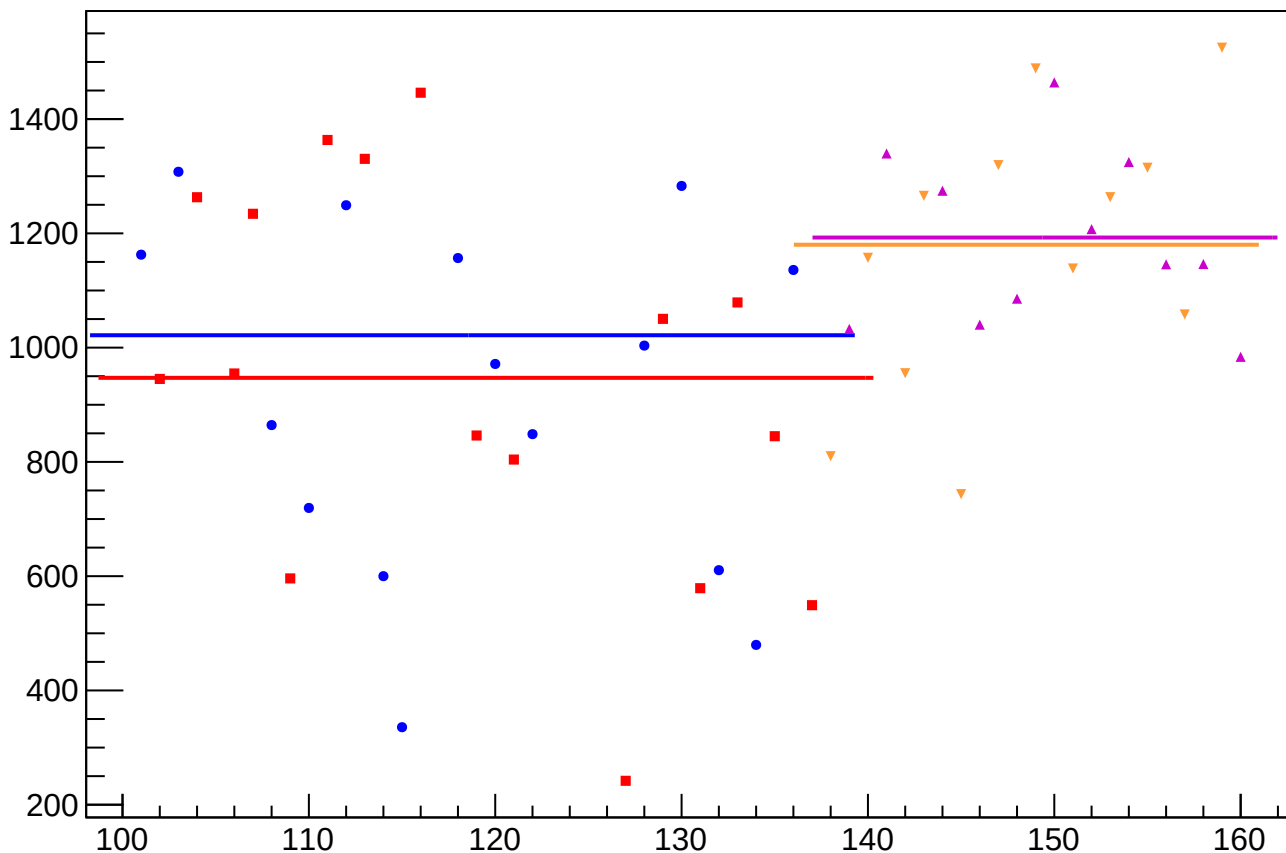
Left In: 6.228+/-0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

+ sign 6.595+/-0.000 χ^2/NDF : 18660029983466047

All: 6.585+/-0.000 χ^2/NDF : 32551119469805

- sign 6.575+/-0.000 χ^2/NDF : 13890781213861884

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

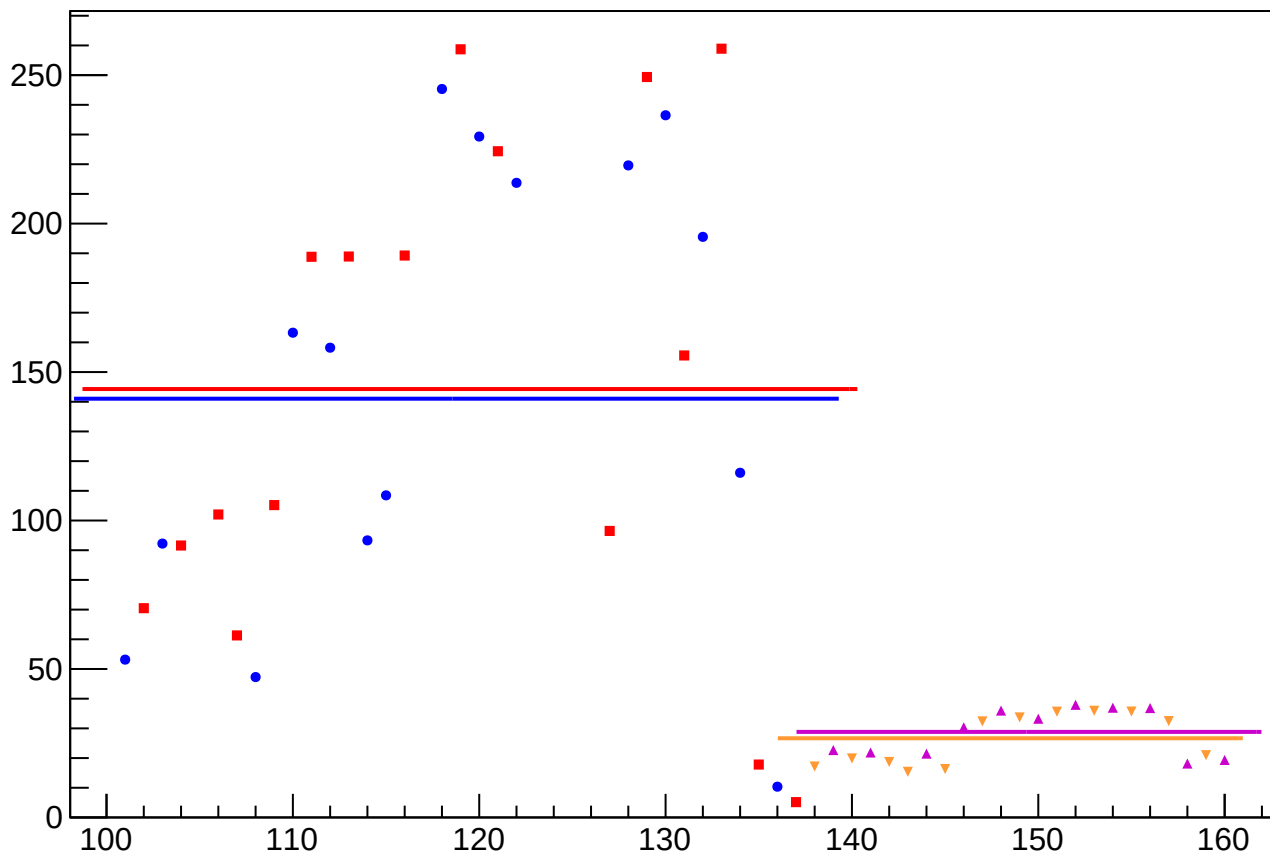
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

+ sign 74.155+/-0.000 χ^2/NDF : 9534162342398363

Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

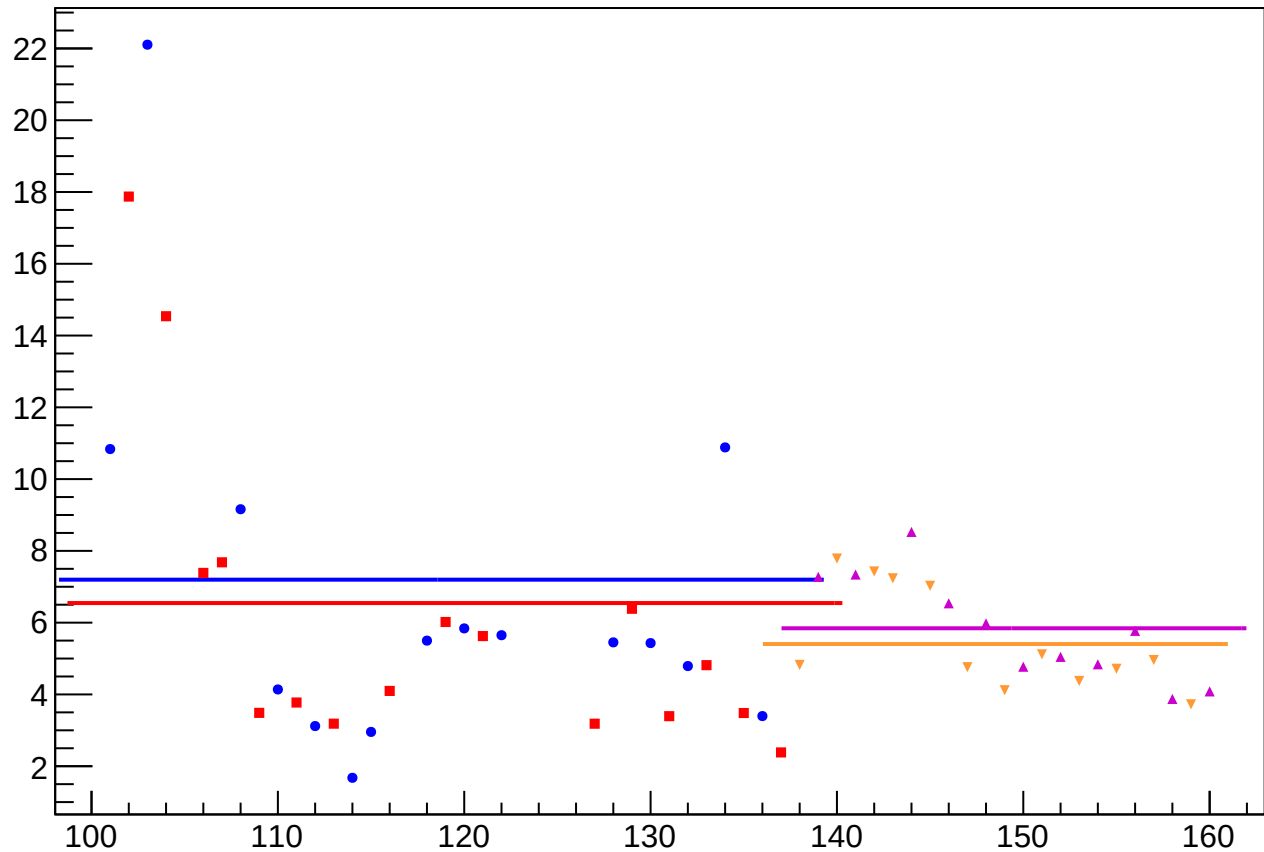
All: 75.703+/-0.000 χ^2/NDF : 1902686413208

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

- sign 77.224+/-0.000 χ^2/NDF : 9485278065945565

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF : 1657476673222734549536062415306752.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

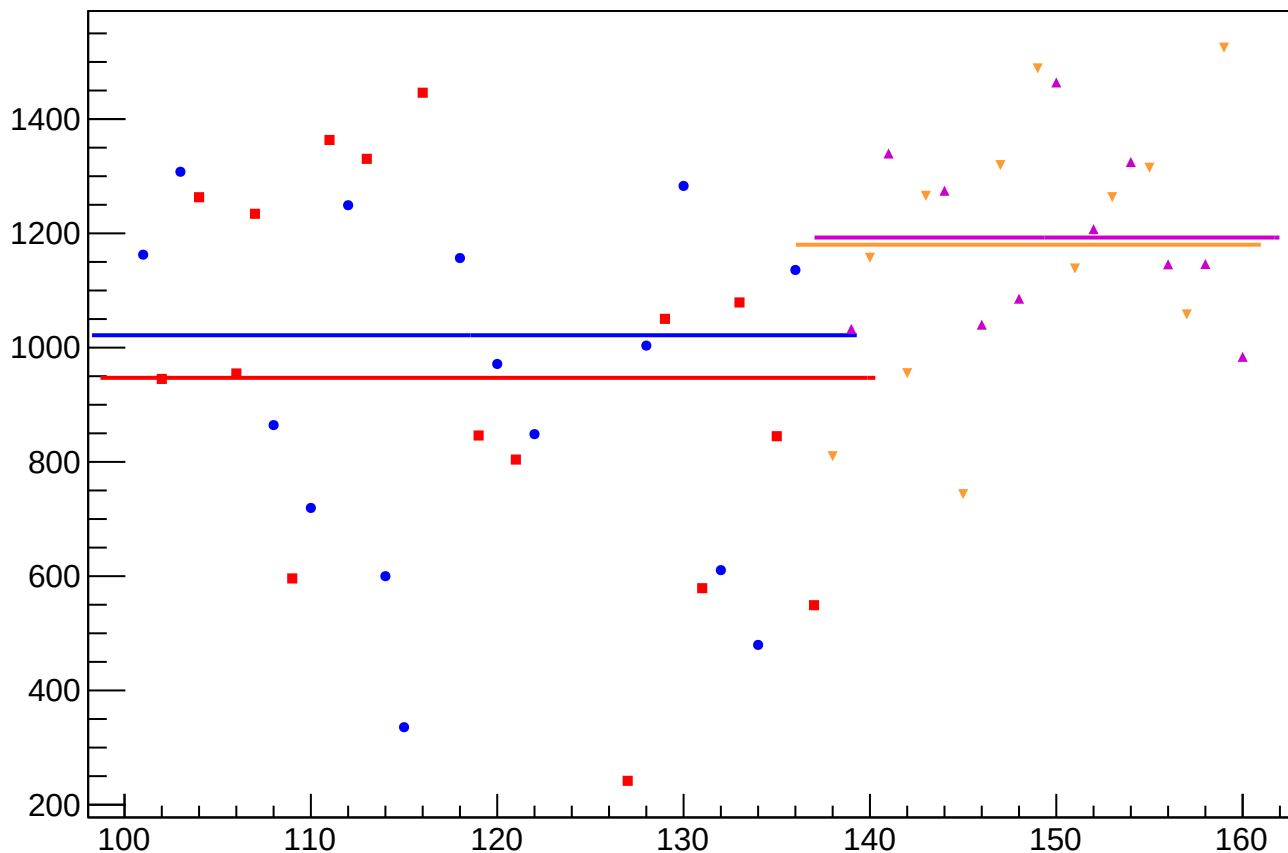
Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

+ sign 6.149+/-0.000 χ^2/NDF : 21091057275828177

All: 6.144+/-0.000 χ^2/NDF : 37194446252026

- sign 6.138+/-0.000 χ^2/NDF : 16103297183746368

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

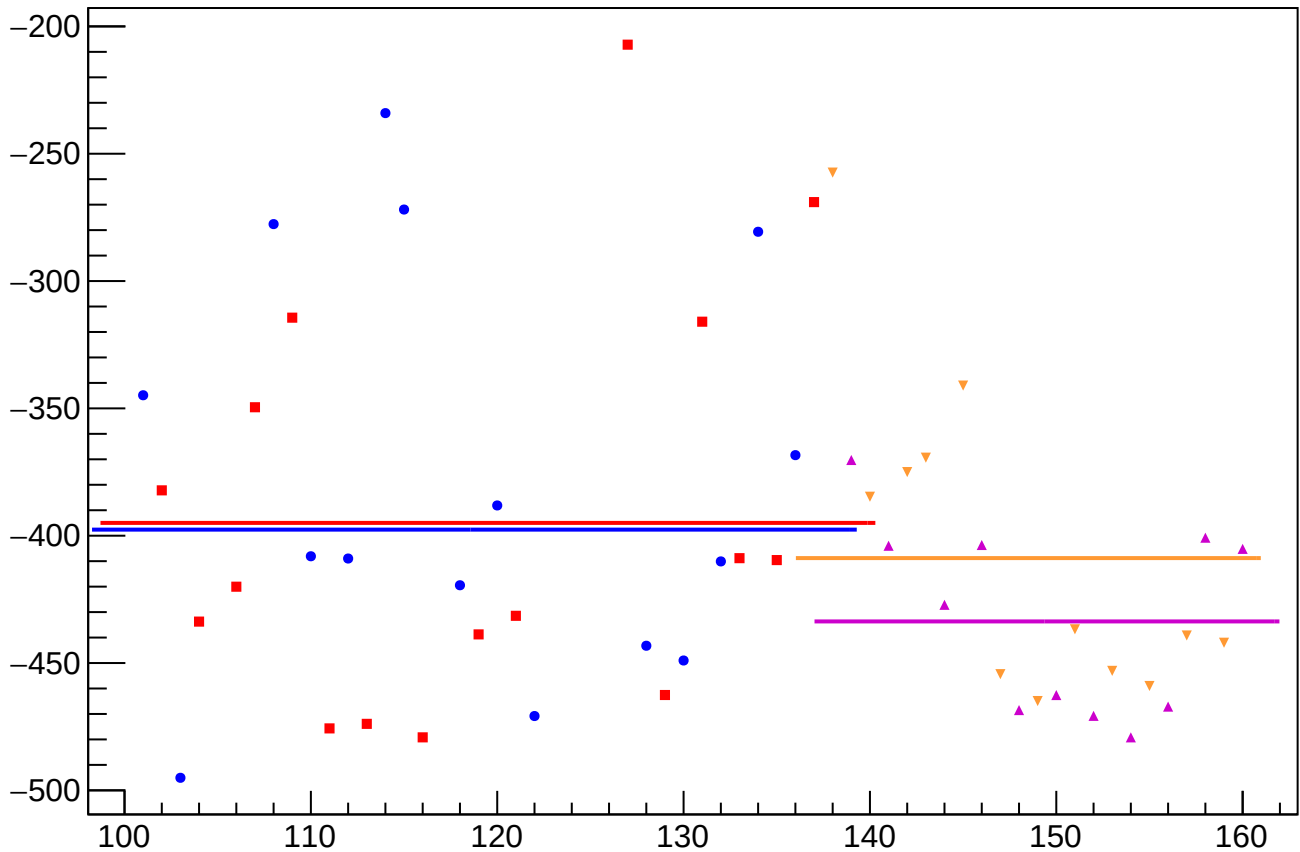
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613 ± 0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -408.794 ± 0.000 χ^2/NDF : 3366573213961692909439105040404971520.0/11

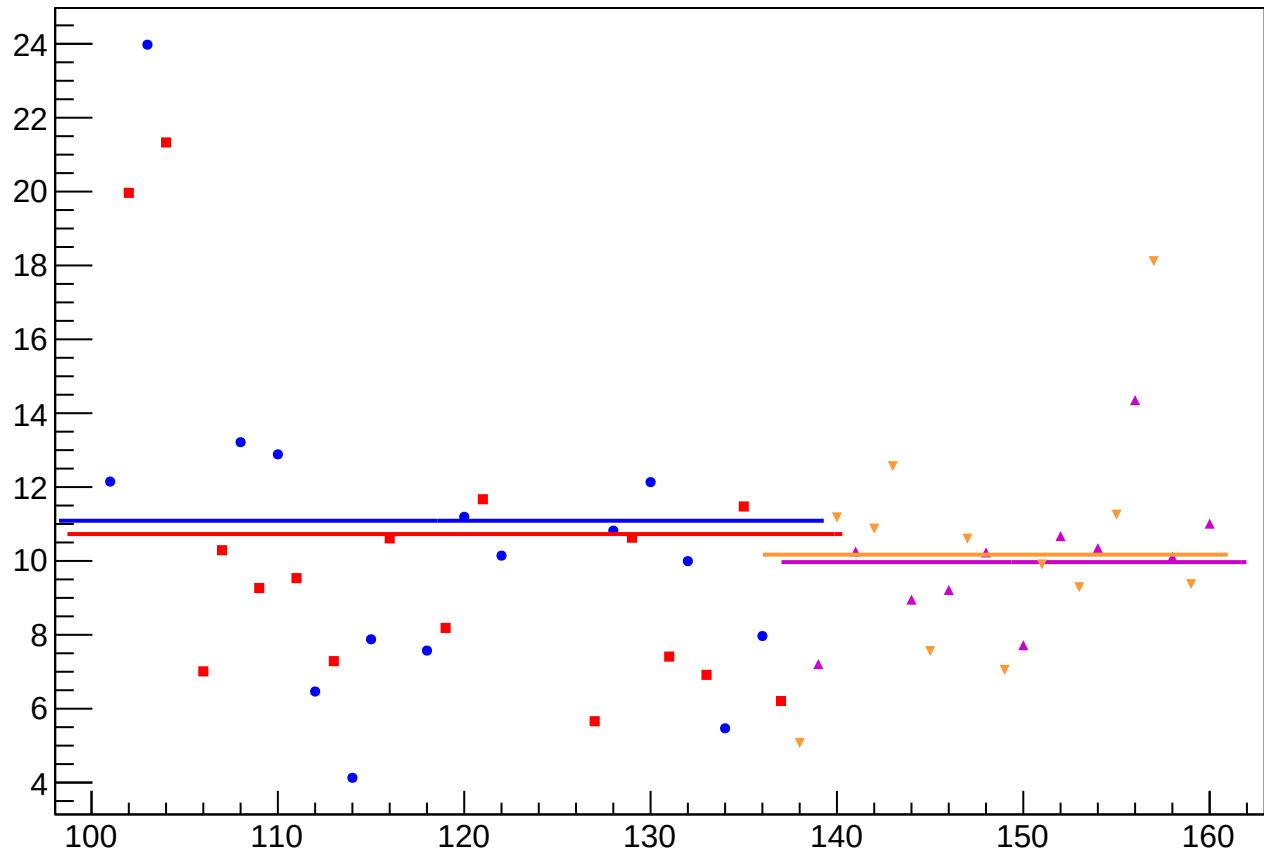
Right Out: -394.973 ± 0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

Left In: -433.664 ± 0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

All: -410.856 ± 0.000 χ^2/NDF : 11678350413

- sign -417.444 ± 0.000 χ^2/NDF : 54637466246081

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 10.171 $\pm$ 0.000 χ^2 /NDF: 9089684940831859823552687731900416.0/11

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

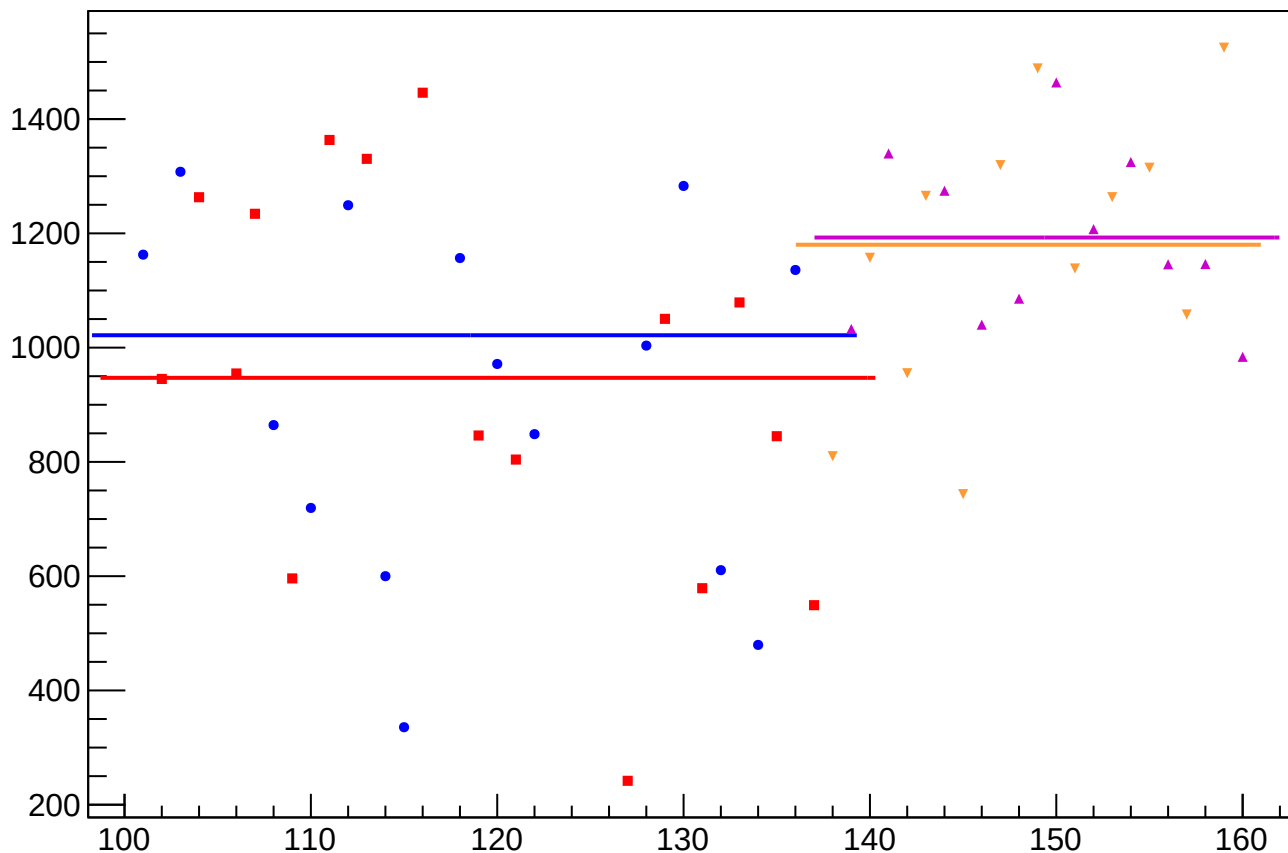
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

+ sign 10.552 $\pm$ 0.000 χ^2 /NDF: 2364557431902666

- sign 10.287 $\pm$ 0.000 χ^2 /NDF: 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

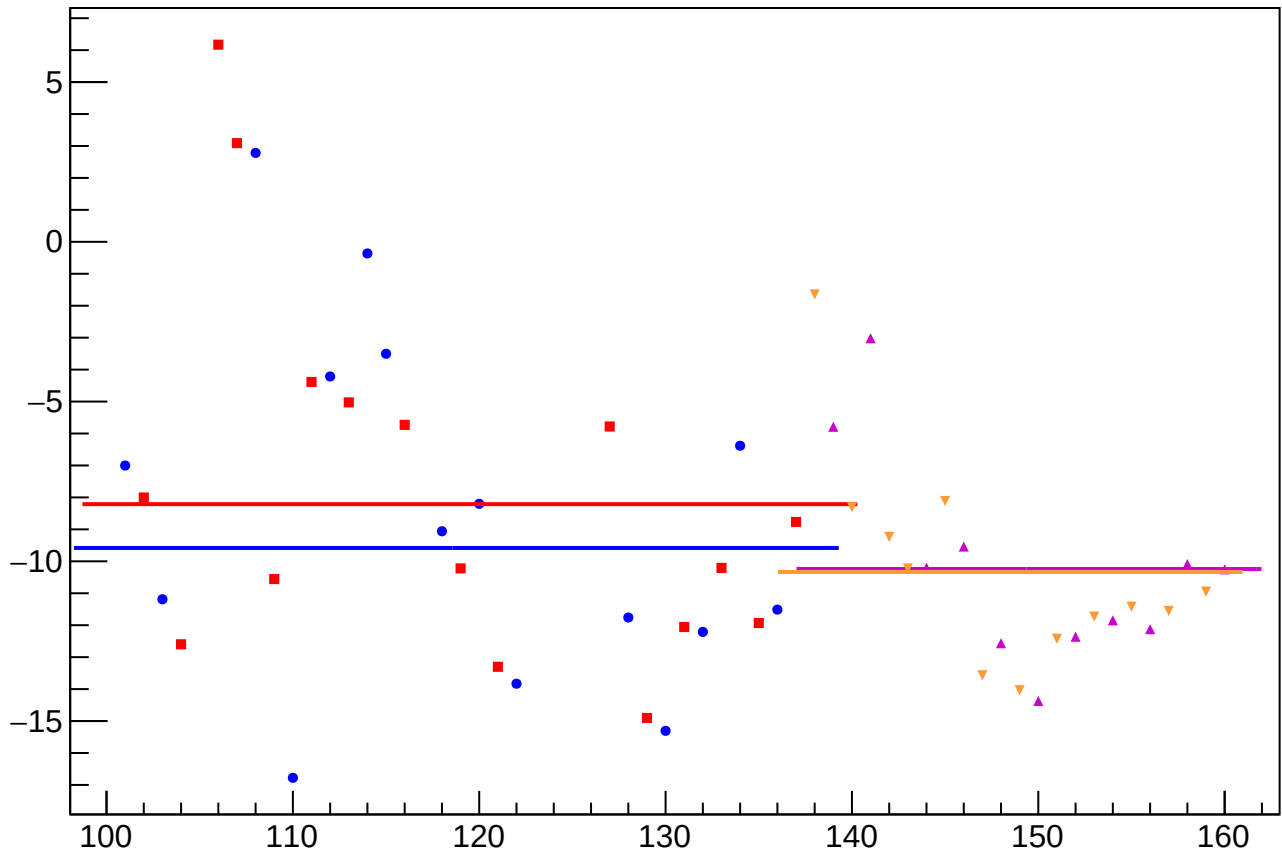
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

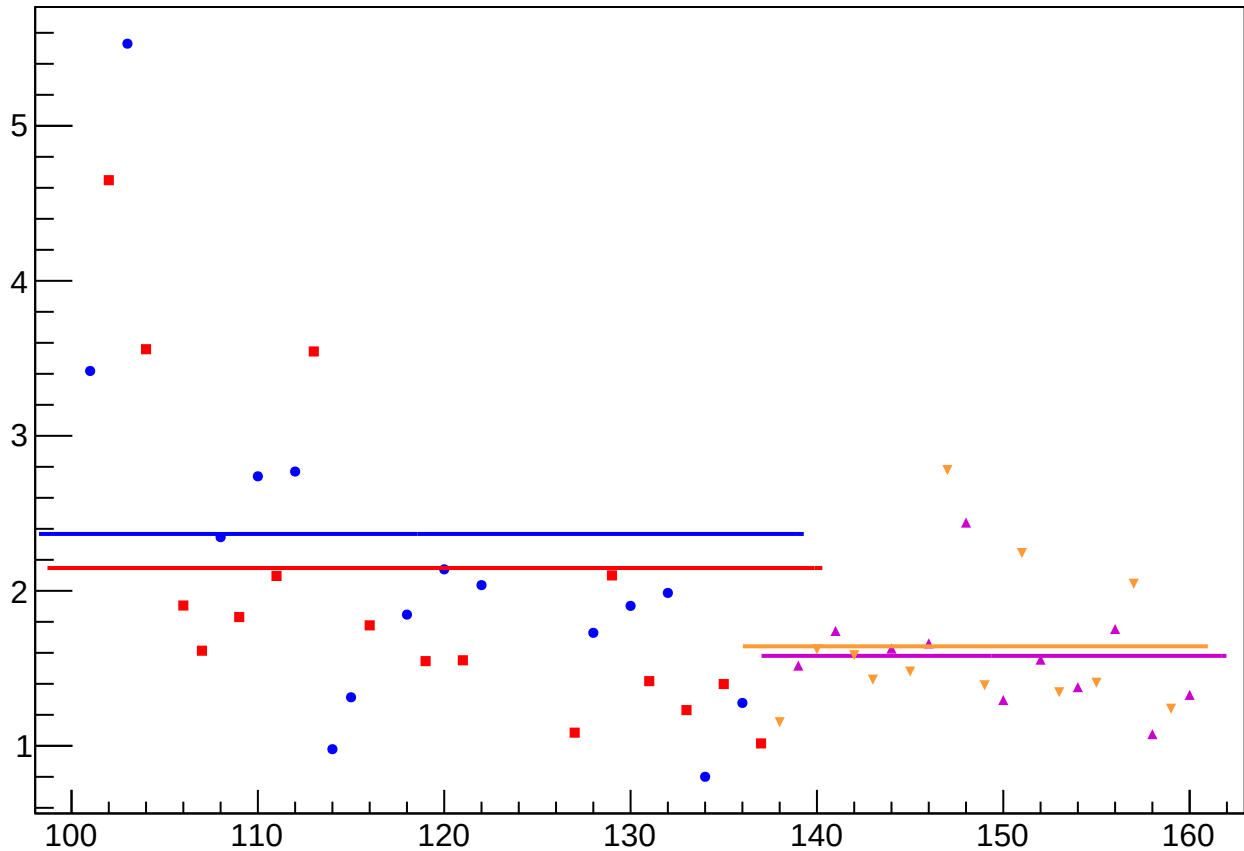
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



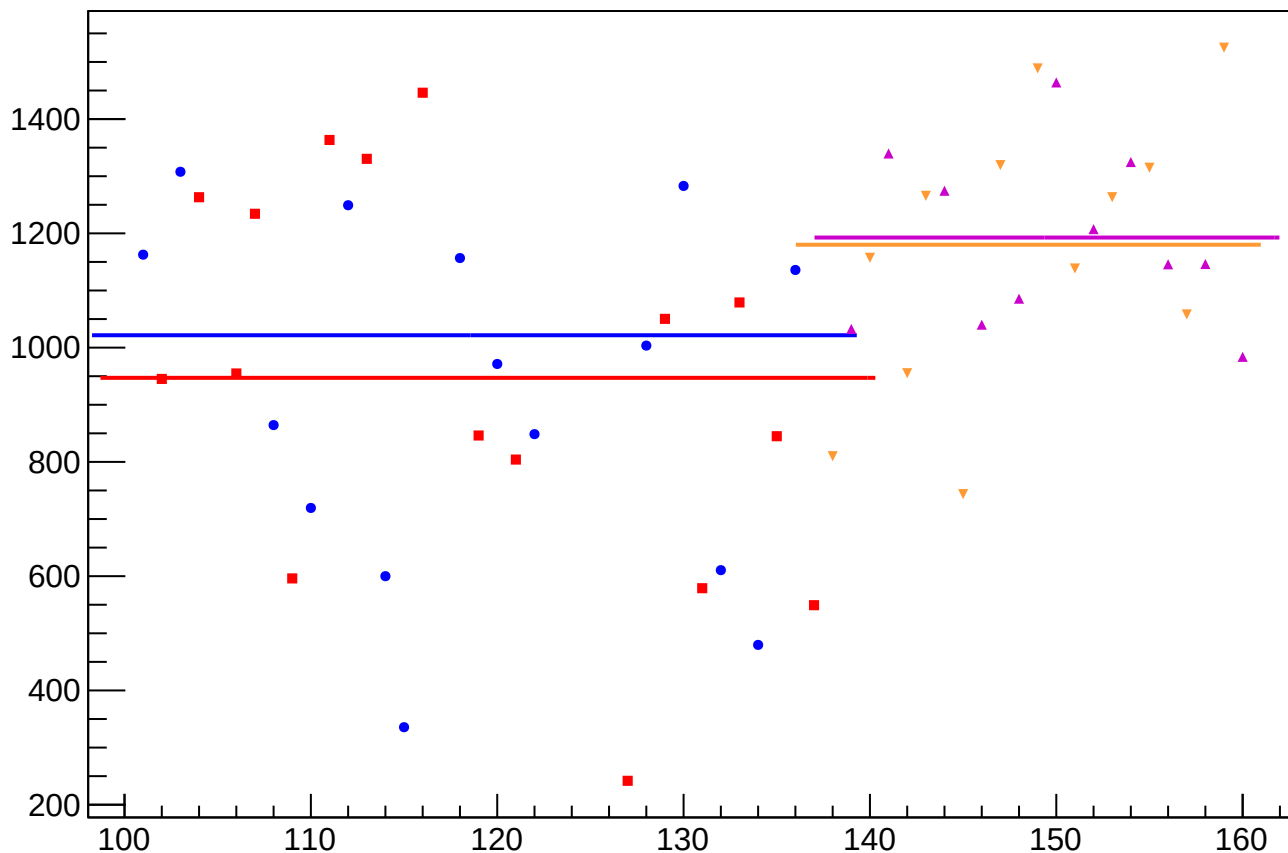
Right In: -9.582 ± 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left Out: -10.333 ± 0.000 χ^2/NDF : 9377692425026365375047041474887680.0/11
 Right Out: -8.211 ± 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15
 Left In: -10.241 ± 0.000 χ^2/NDF : 8992829088408430483485977772818432.0/10

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000	χ^2/NDF : 920633294546152876922066767446016.0/14	+ sign 1.943+/-0.000	χ^2/NDF : 13159834417677760
Left Out: 1.642+/-0.000	χ^2/NDF : 195842148226043527039909915262976.0/11	All: 1.880+/-0.000	χ^2/NDF : 23210295231068
Right Out: 2.147+/-0.000	χ^2/NDF : 764171992480224478656127555338240.0/15	- sign 1.818+/-0.000	χ^2/NDF : 99272780450860702
Left In: 1.580+/-0.000	χ^2/NDF : 104159820106689813353171792166912.0/10		

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

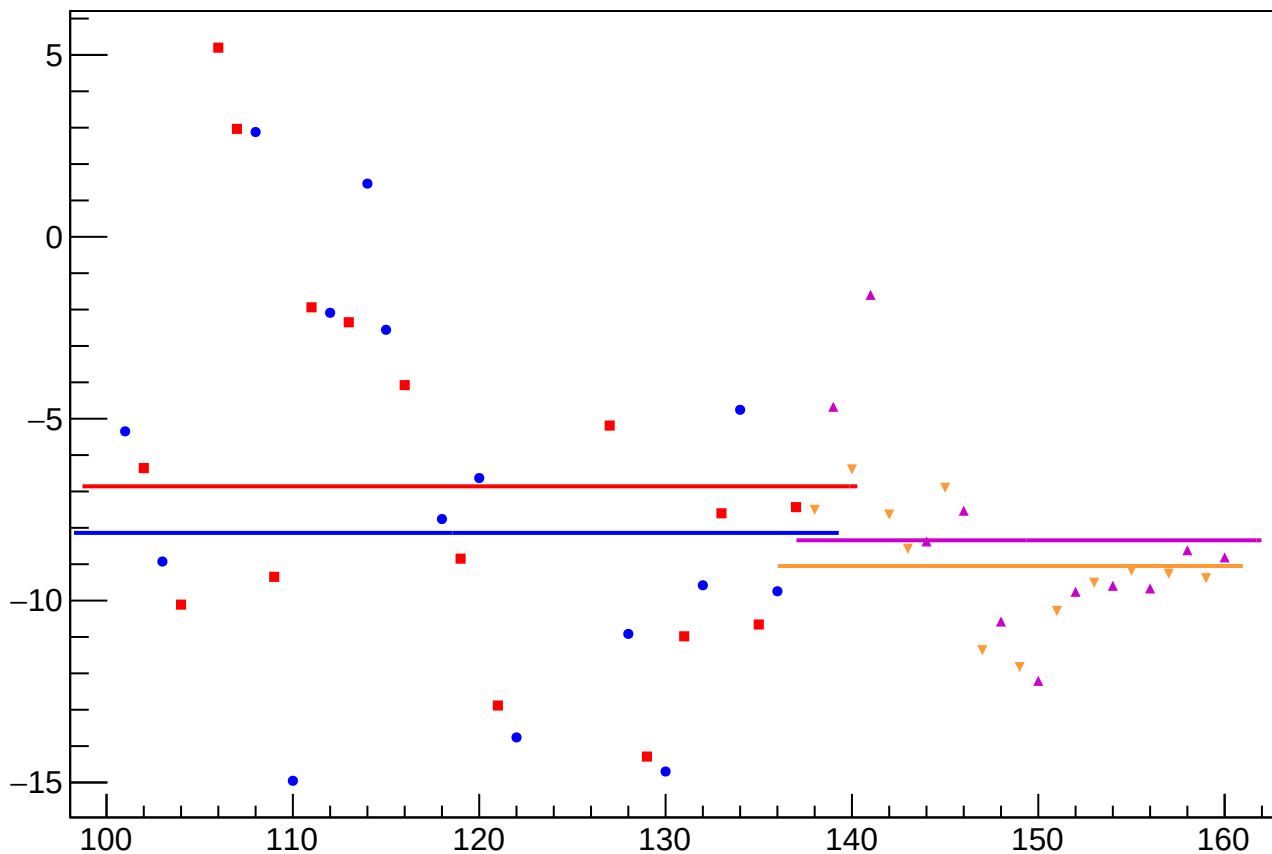
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -9.049 ± 0.000 χ^2/NDF : 2449058506184839792133889501167616.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

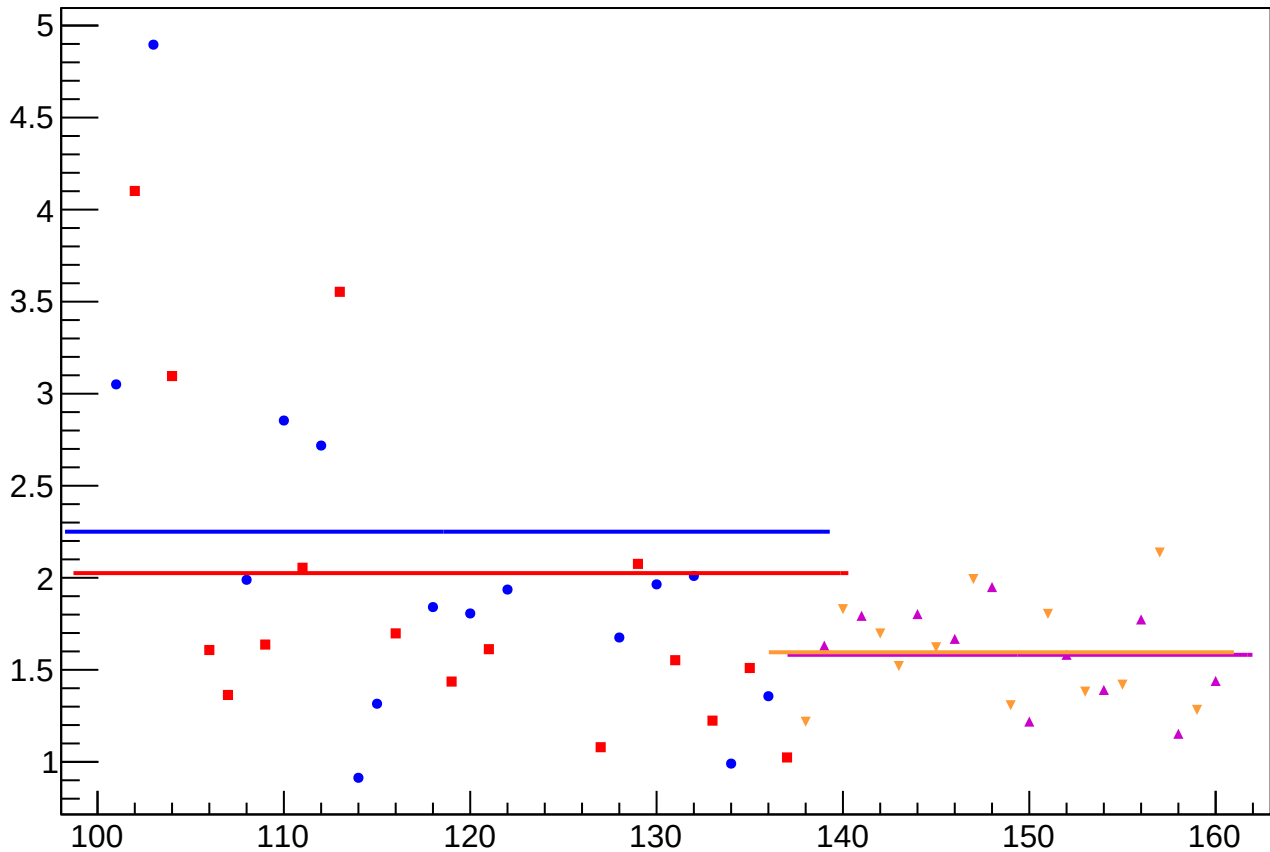
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.595 ± 0.000 χ^2/NDF : 76549213292208781148545230045184.0/11

Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15

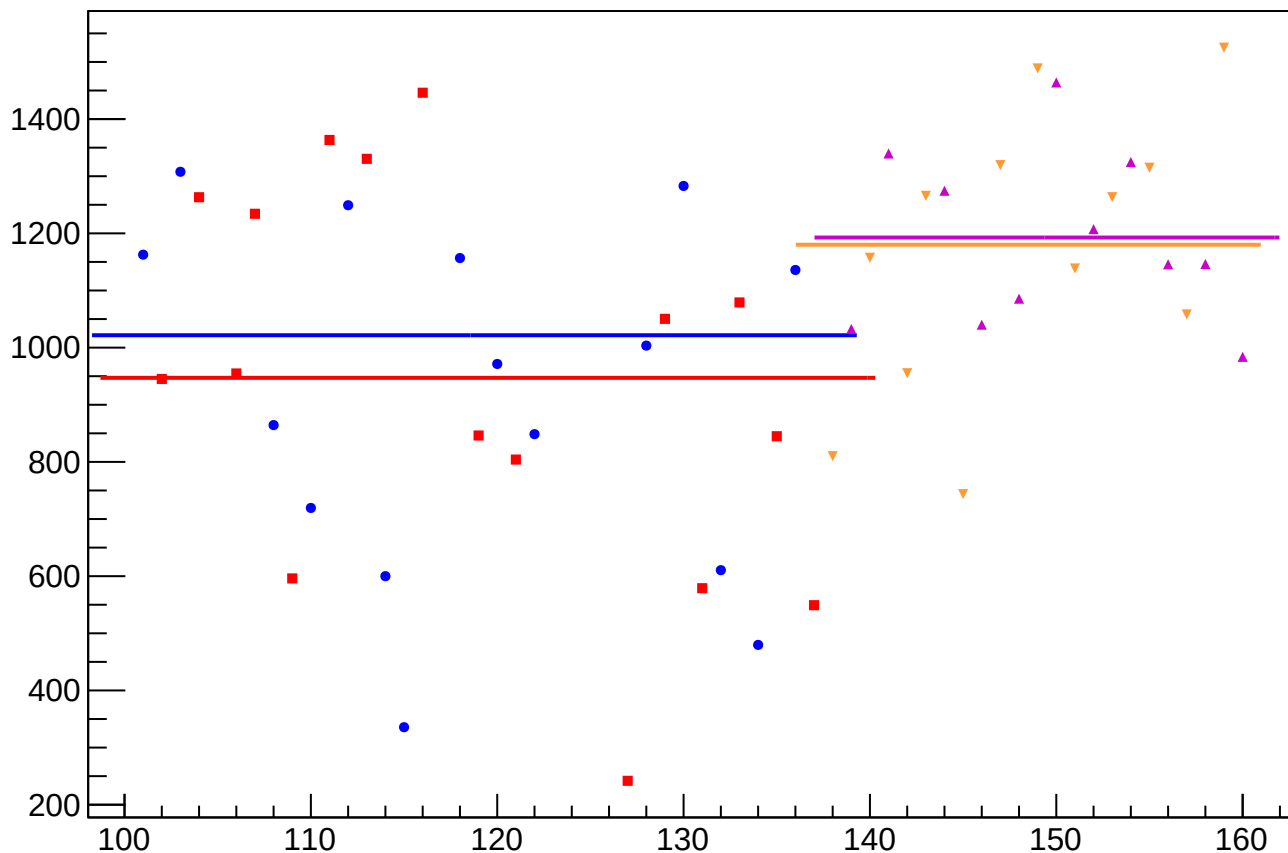
Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10

+ sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009

All: 1.817 ± 0.000 χ^2/NDF : 16139323147650

- sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

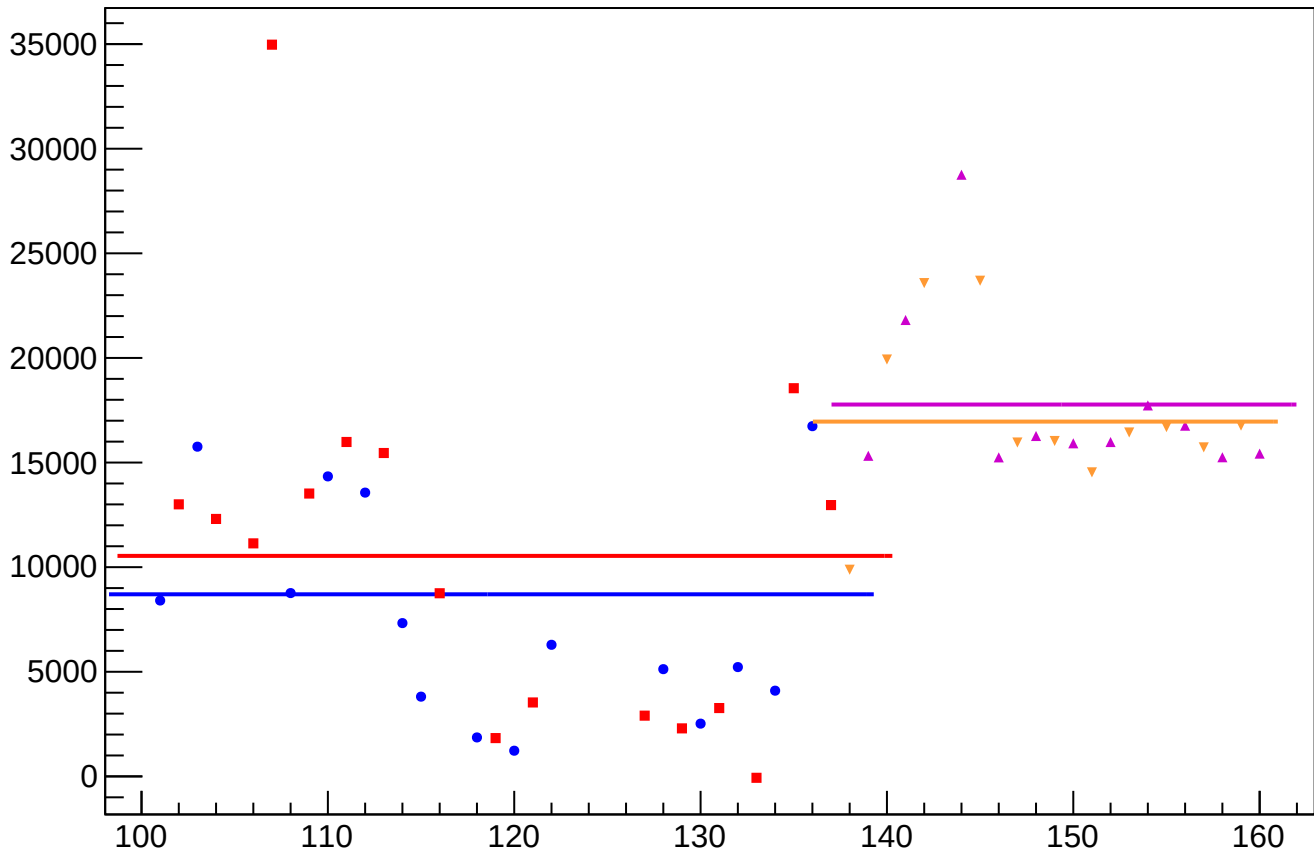
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

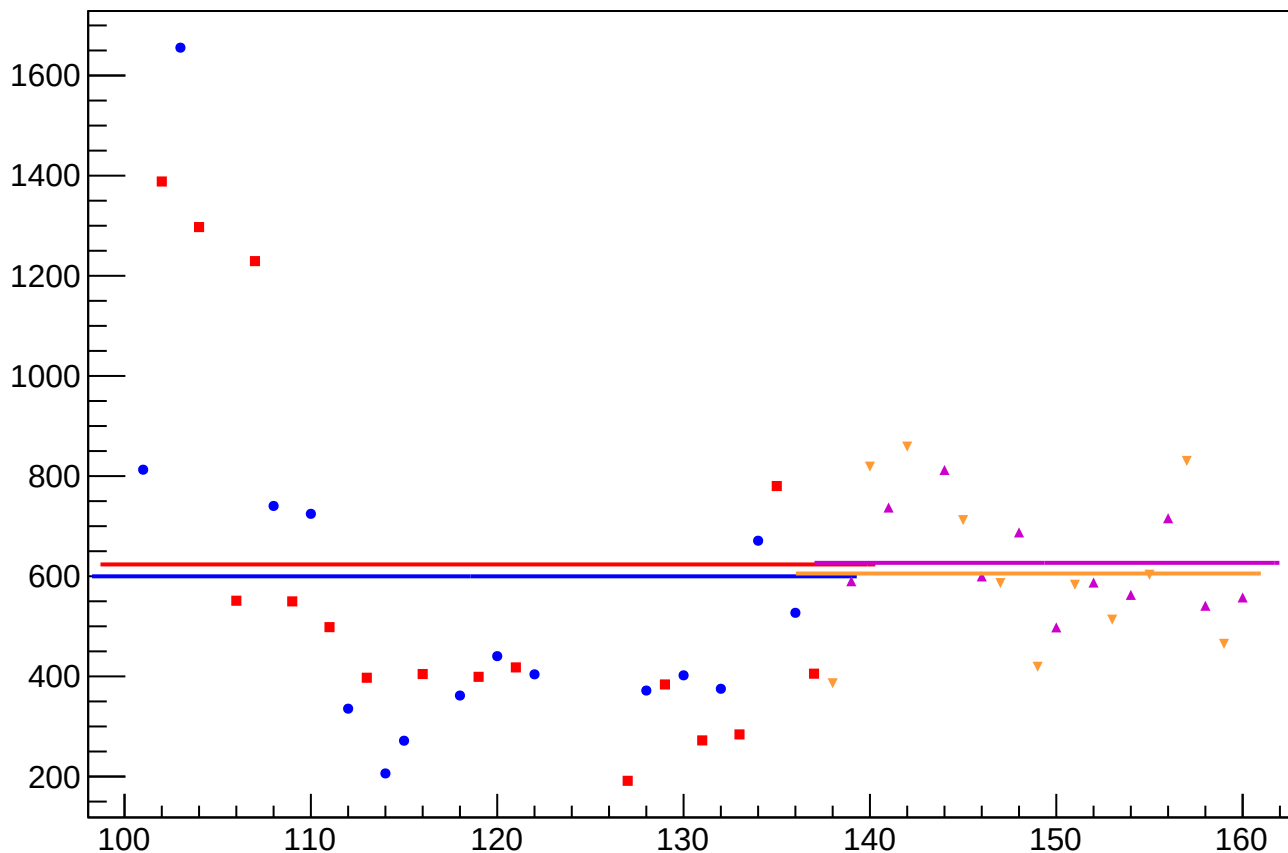
dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000	χ^2/NDF : 19501133067308426859536304500819191922688.0/14
Left Out: 16957.575+/-0.000	χ^2/NDF : 10938008625550561770285254297697243889664.0/10
Right Out: 10539.327+/-0.000	χ^2/NDF : 46226684227836109273394062569753758662656.0/15
Left In: 17773.103+/-0.000	χ^2/NDF : 14926066991142889452676587552618632445952.0/10

+ sign 13376.690+/-0.000 χ^2/NDF : 5547433572288
 All: 14079.562+/-0.000 χ^2/NDF : 1383312786
 - sign 14740.464+/-0.000 χ^2/NDF : 8142294021651

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

+ sign 603.023+/-0.000 χ^2/NDF : 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

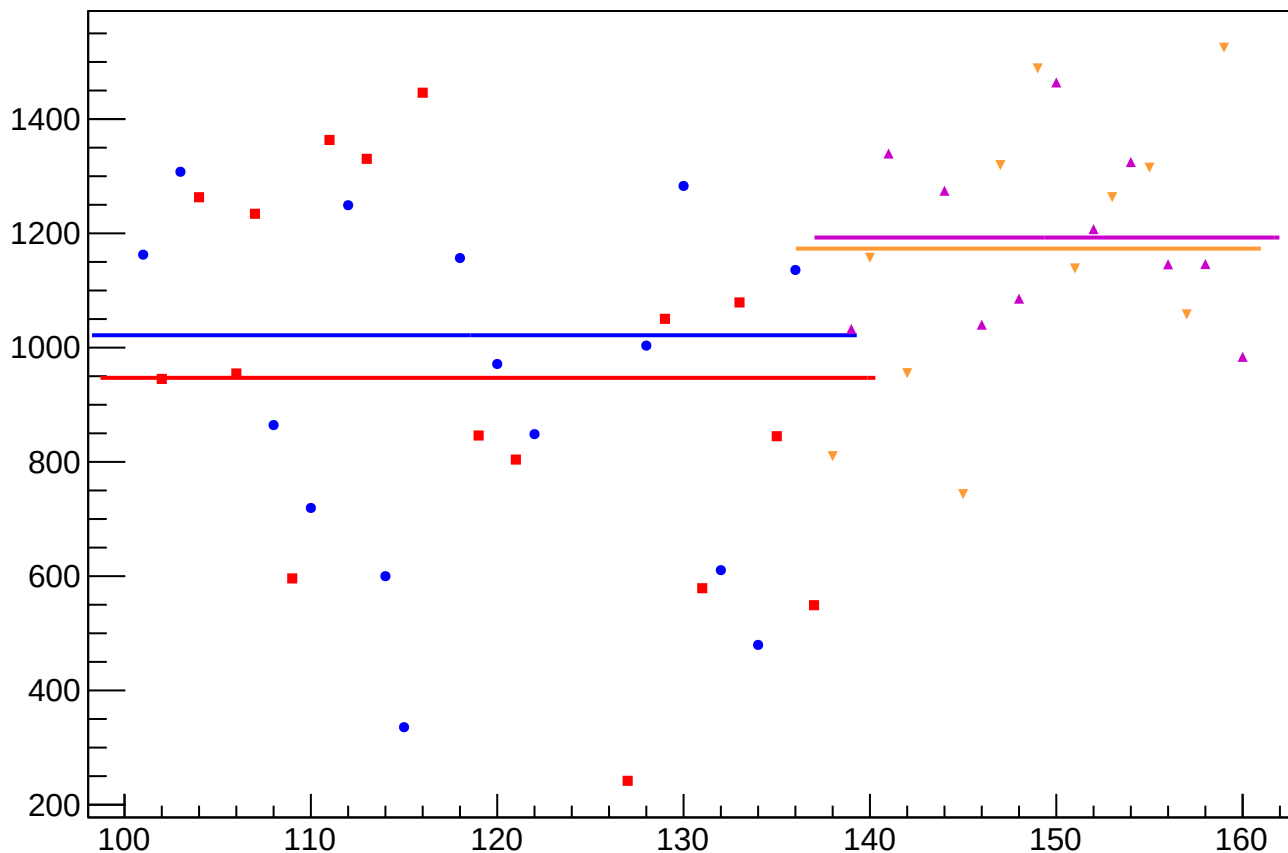
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1173.334+/-0.000 χ^2/NDF : 50259225692125439679244442751924699136.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

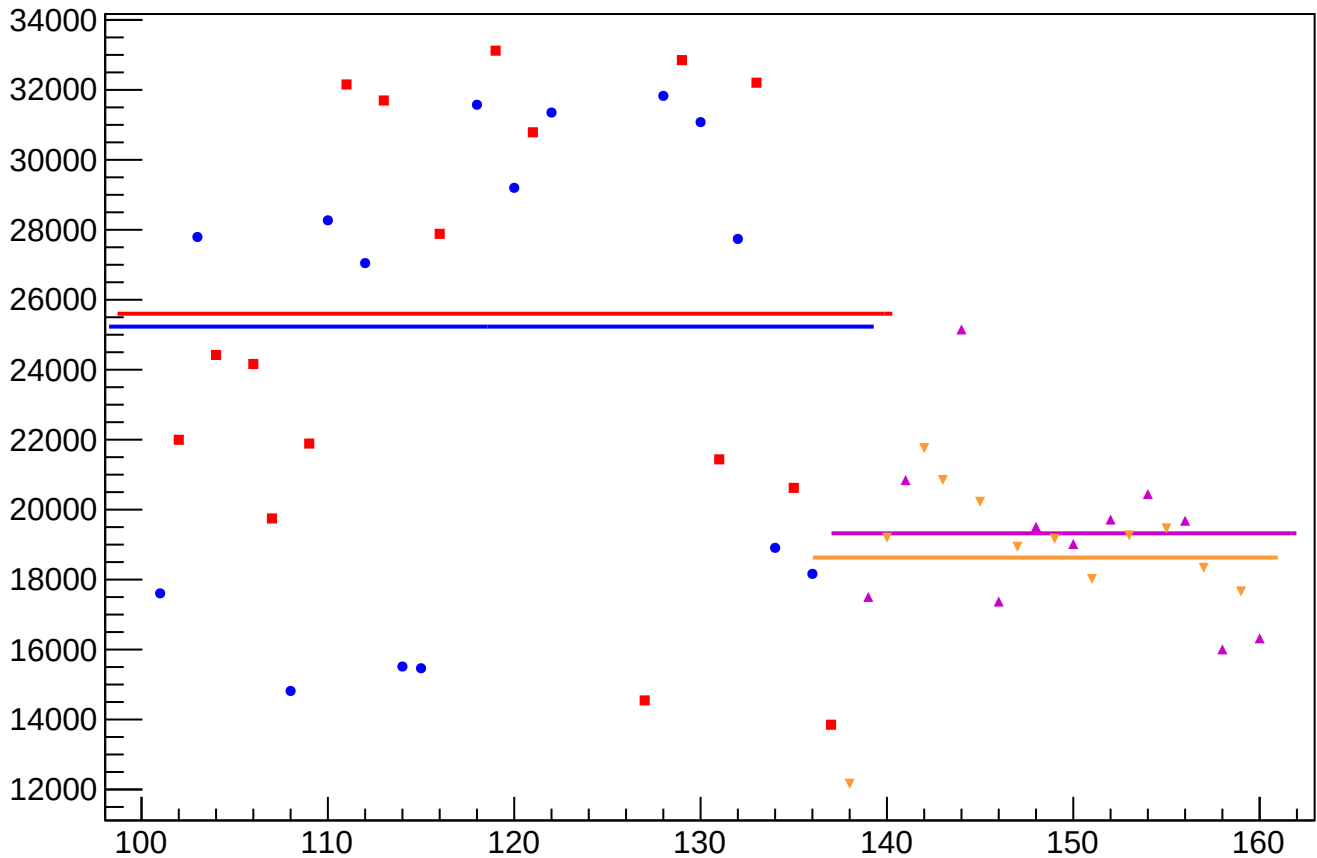
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1107.545+/-0.000 χ^2/NDF : 99202805471874

All: 1098.373+/-0.000 χ^2/NDF : 20984187795

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

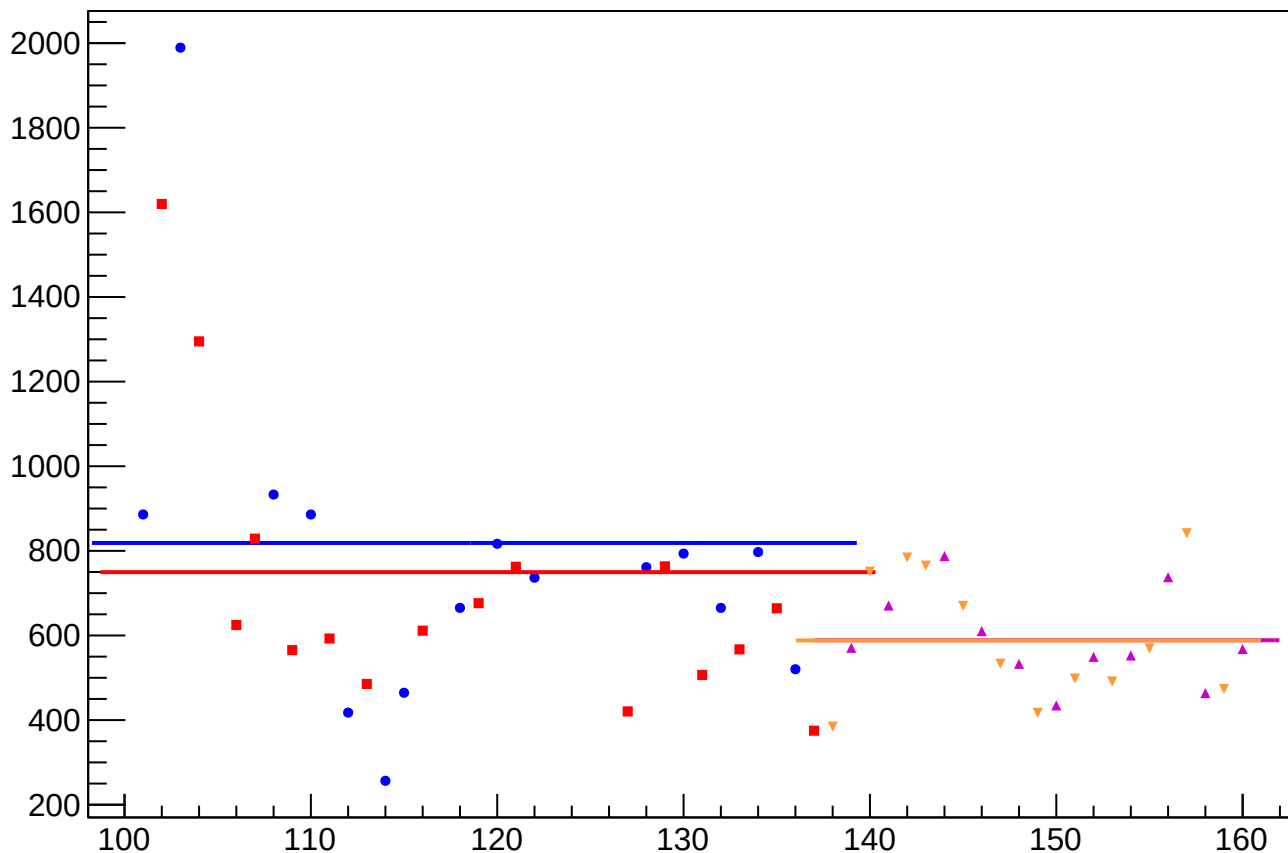
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18630.609+/-0.000	χ^2/NDF : 4499157177792733453337123782201790431232.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21371.781+/-0.000 χ^2/NDF : 4557364101800
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14

+ sign 684.008 $\pm$ 0.000 χ^2 /NDF: 145791569069388

Left Out: 588.391 $\pm$ 0.000 χ^2 /NDF: 20060197377989114991296665666078113792.0/11

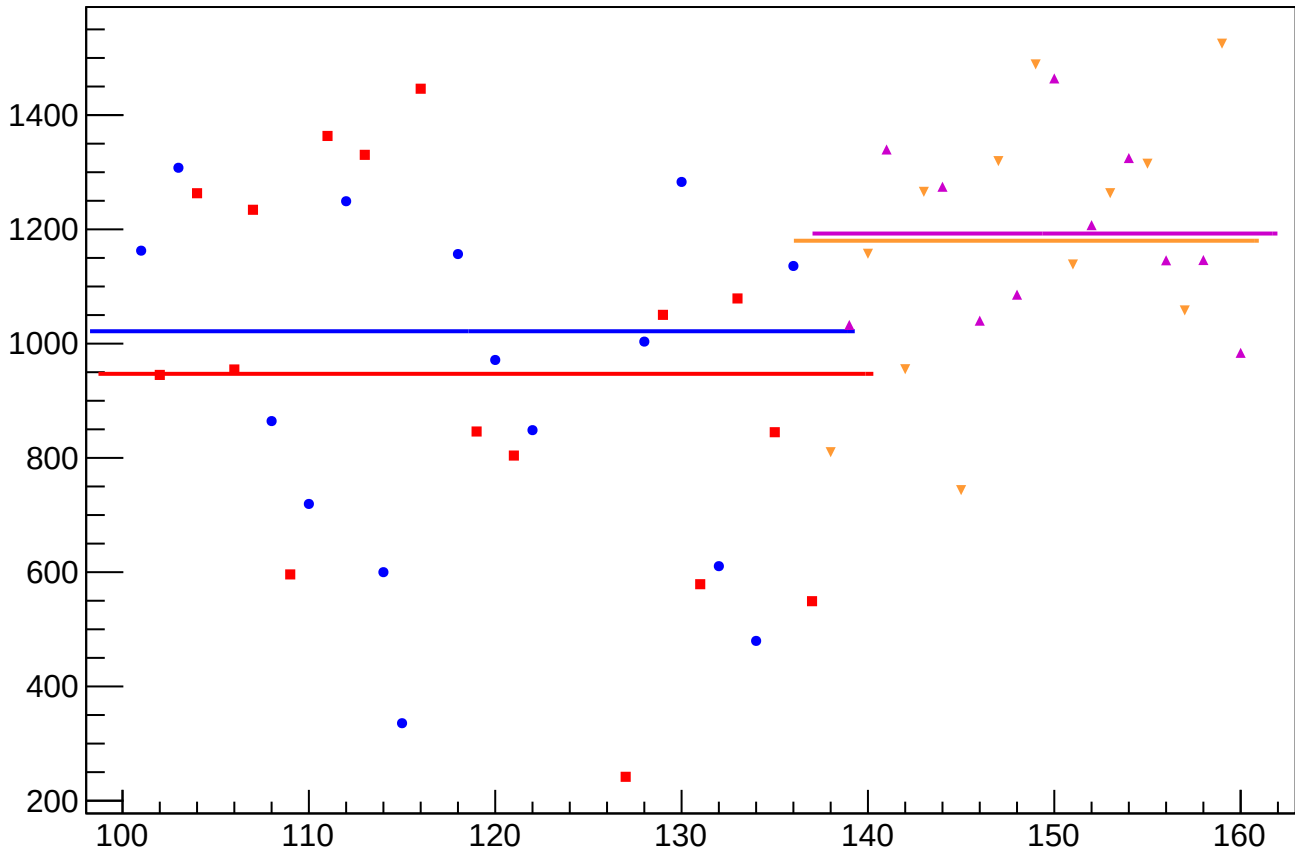
All: 669.969 $\pm$ 0.000 χ^2 /NDF: 244316509040

Right Out: 749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

- sign 656.176 $\pm$ 0.000 χ^2 /NDF: 979142023590546

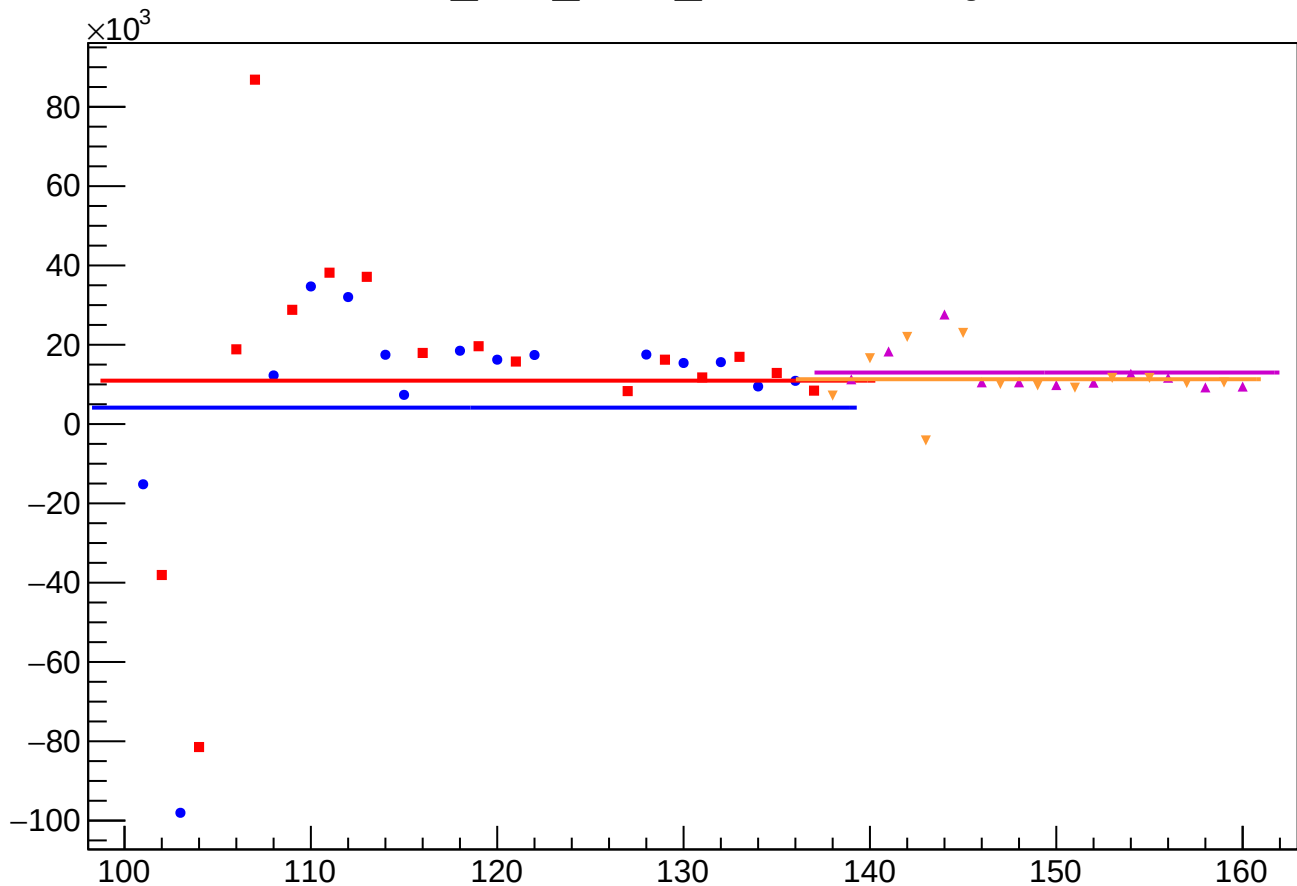
Left In: 588.693 $\pm$ 0.000 χ^2 /NDF: 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



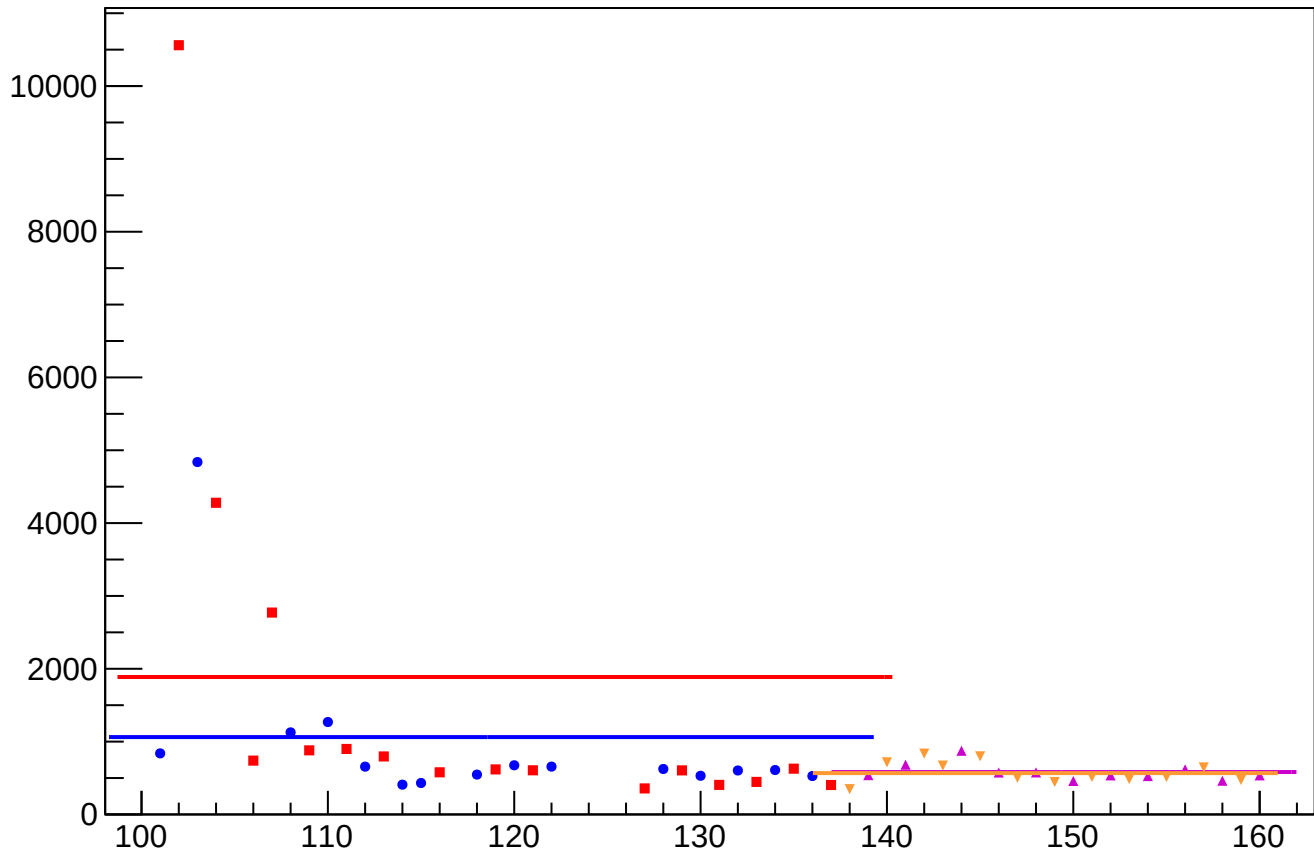
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_atl1_coil7_mean vs Slug



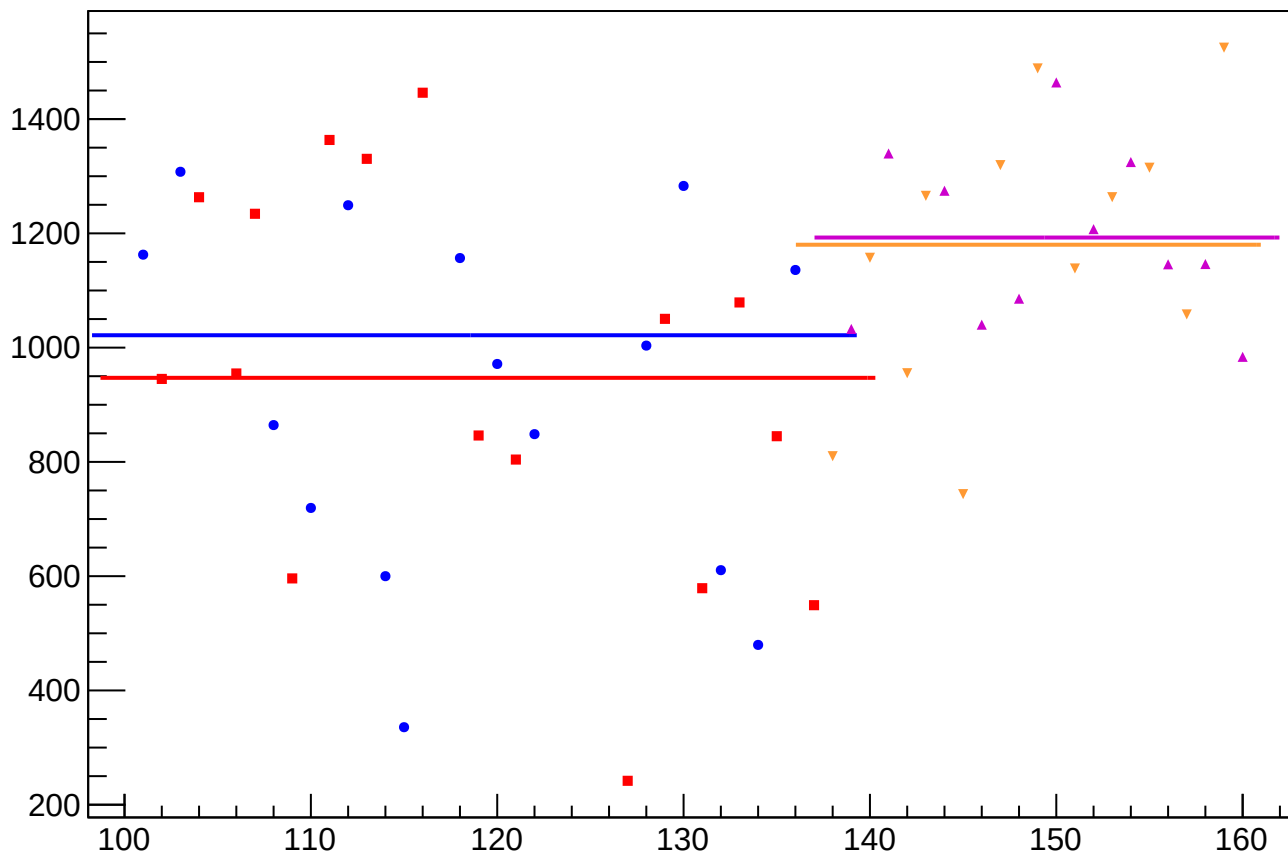
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 567.733+/-0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11
 Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 582.413+/-0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

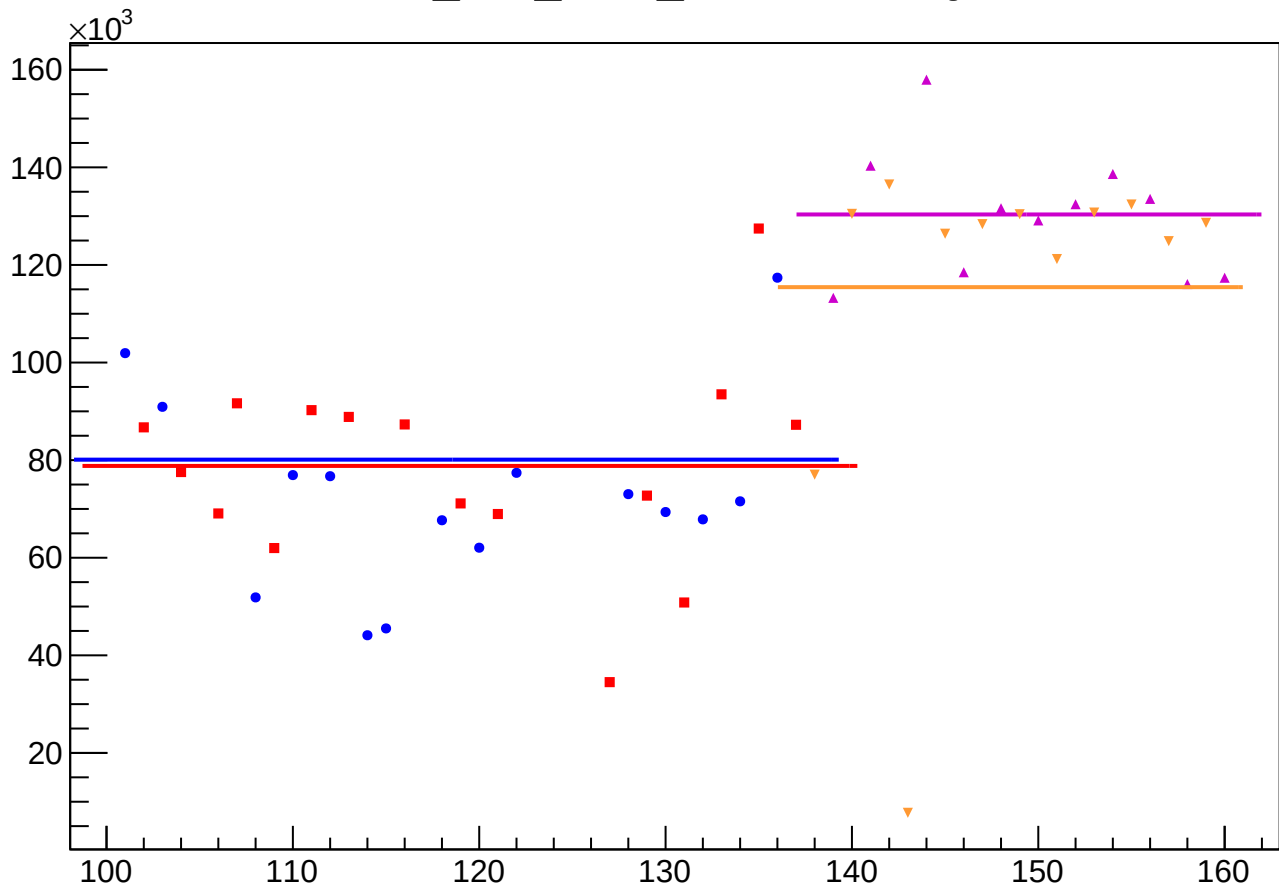
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

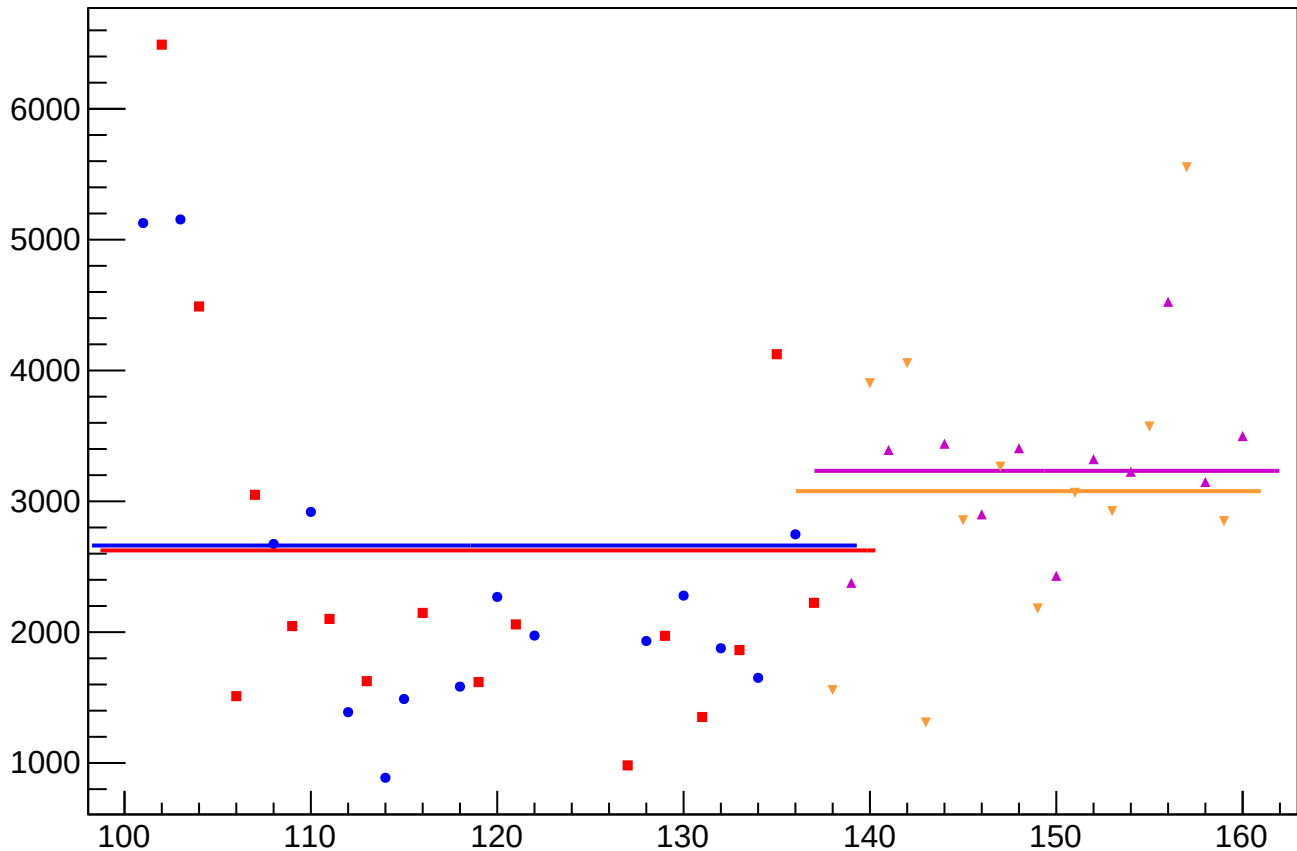
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 $\pm$ 0.000 χ^2 /NDF: 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 $\pm$ 0.000 χ^2 /NDF: 148174871015439819820100459279999278514176.0/10

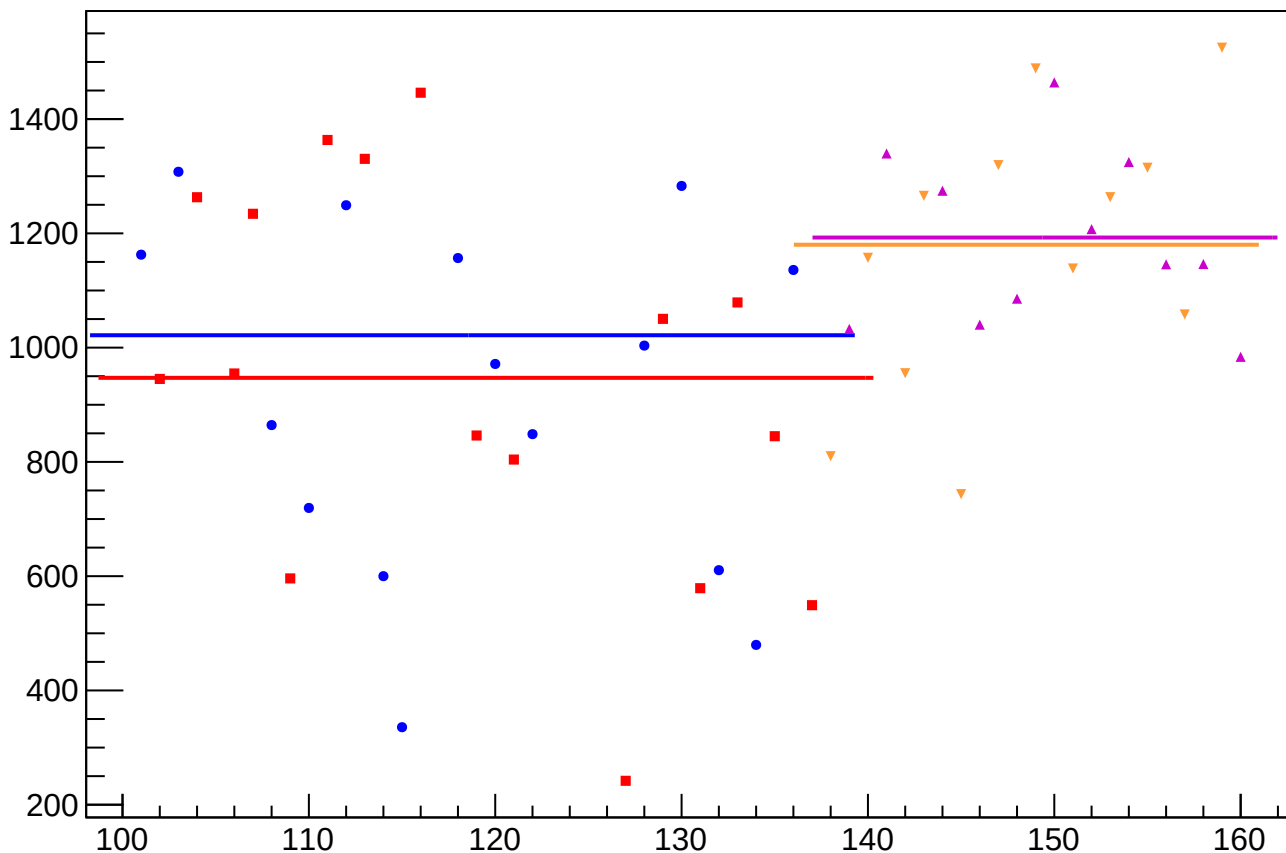
dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14
Left Out: 3077.945+/-0.000	χ^2/NDF : 1073709891492389198093936322660595138560.0/11
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15
Left In: 3232.879+/-0.000	χ^2/NDF : 275721007613891276741007240283331493888.0/10

+ sign 2905.309+/-0.000 χ^2/NDF : 21707015926614
 All: 2941.931+/-0.000 χ^2/NDF : 41605670277
 - sign 2977.909+/-0.000 χ^2/NDF : 19857098184284

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

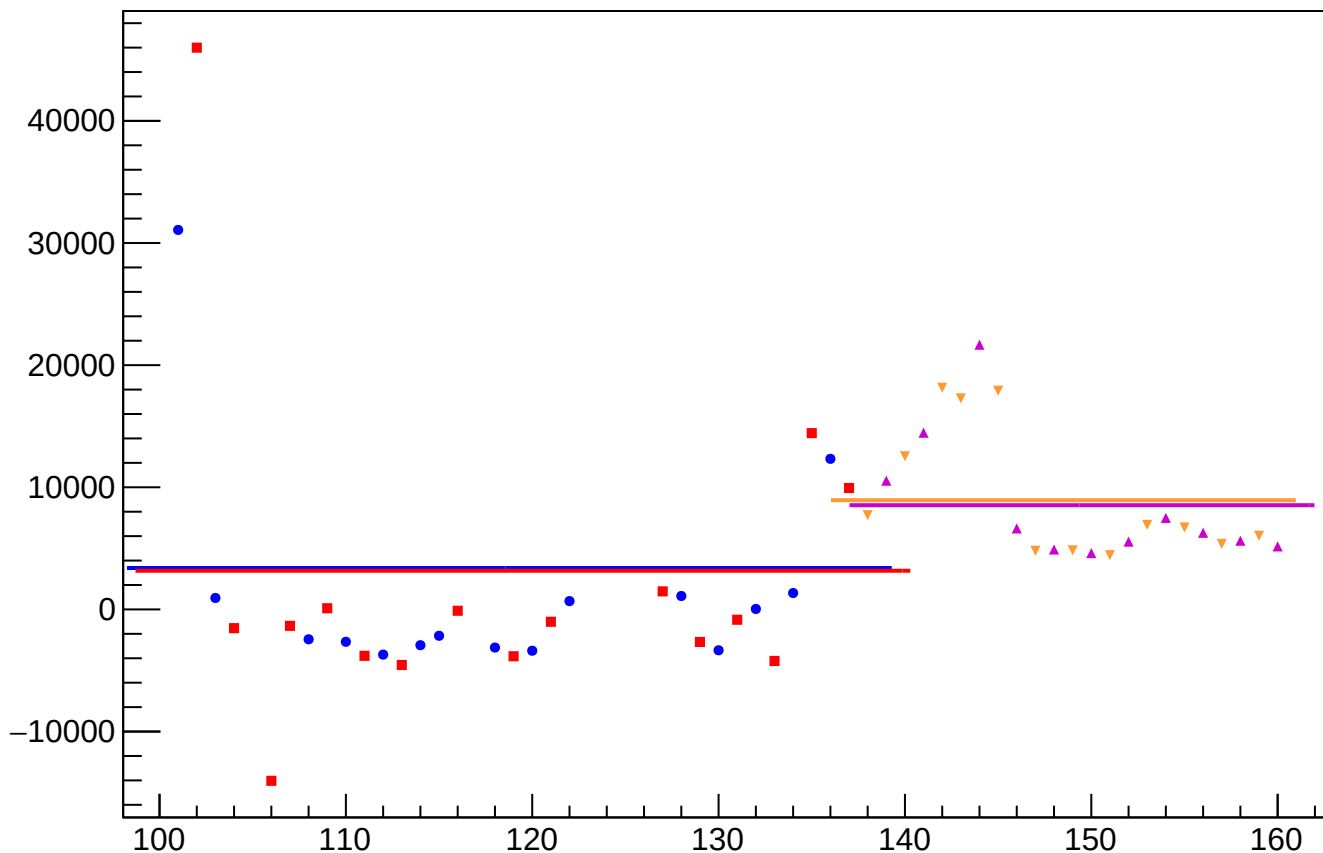
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

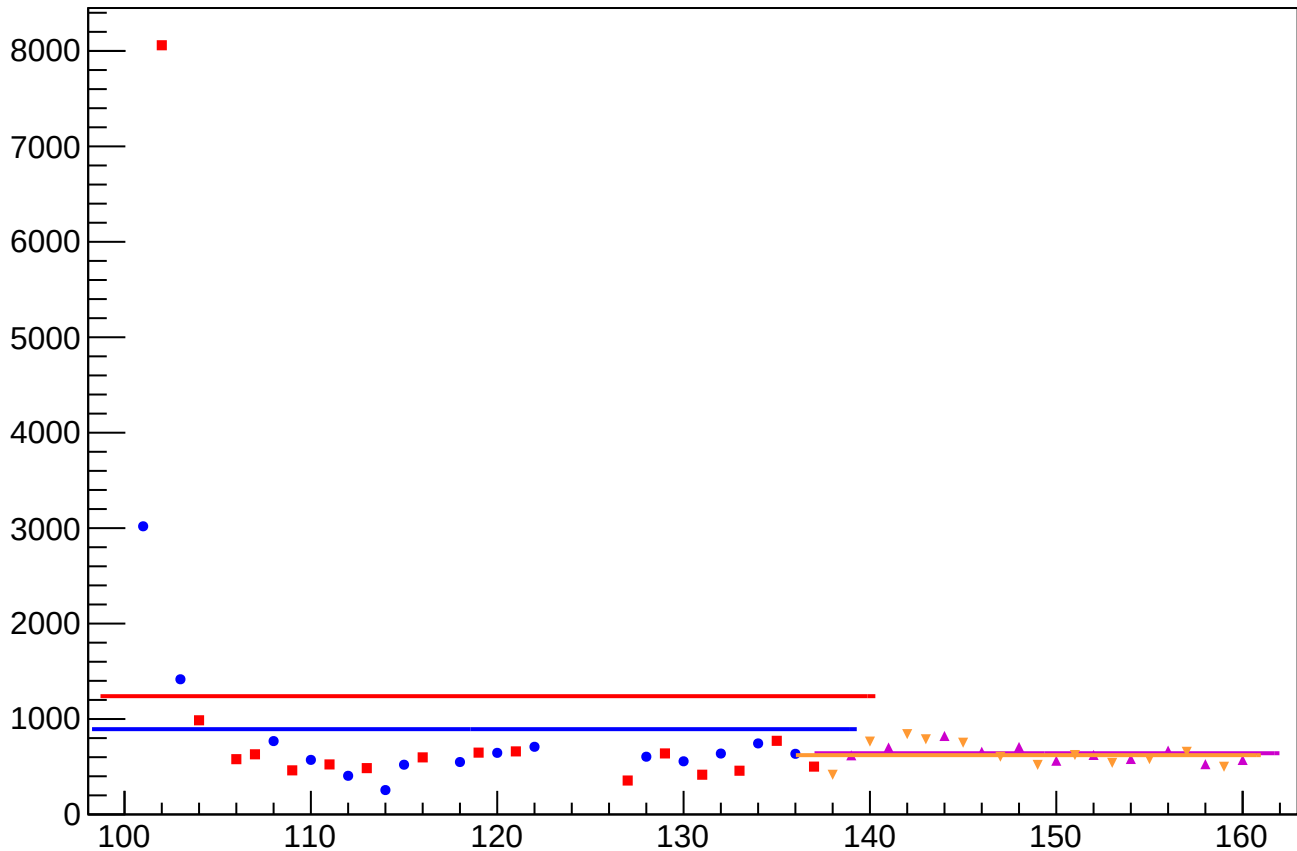
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

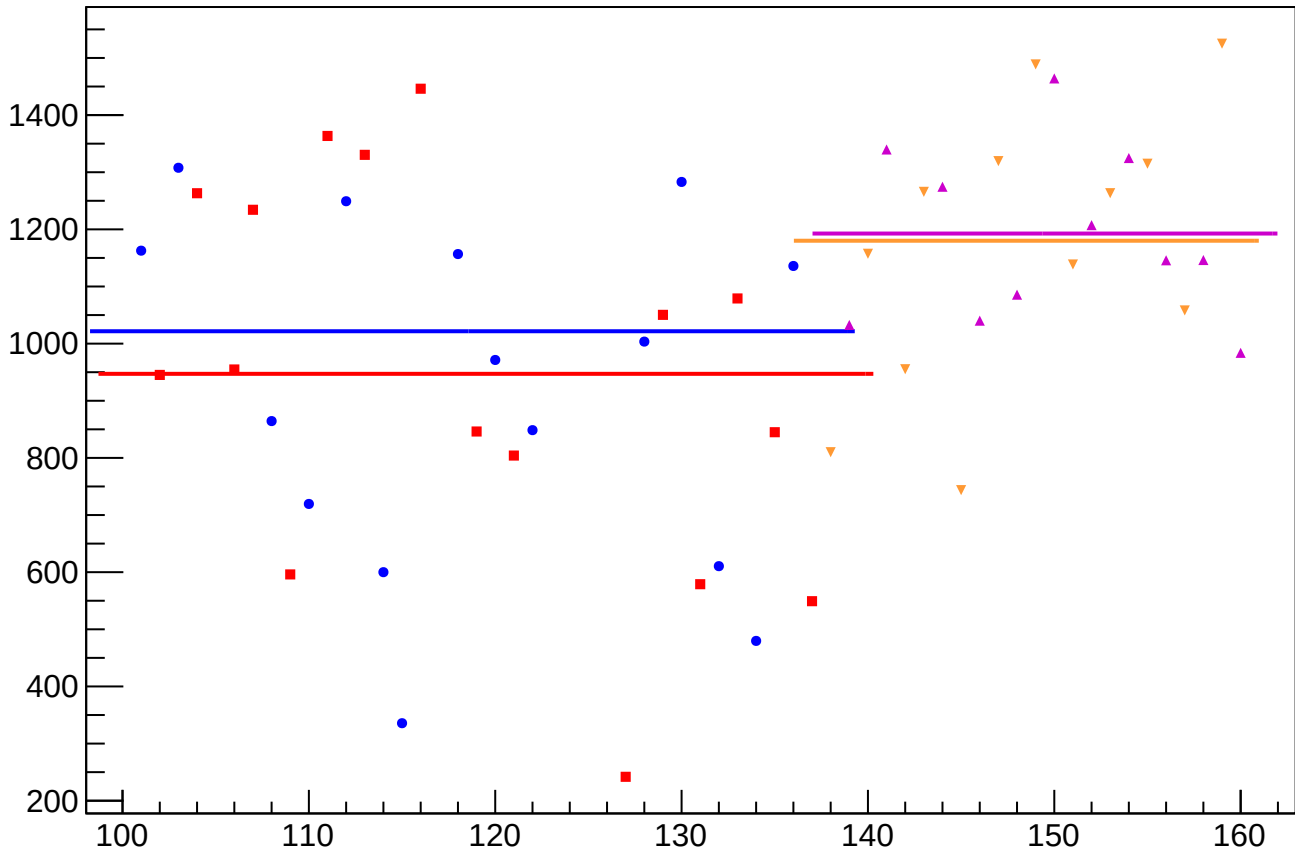
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

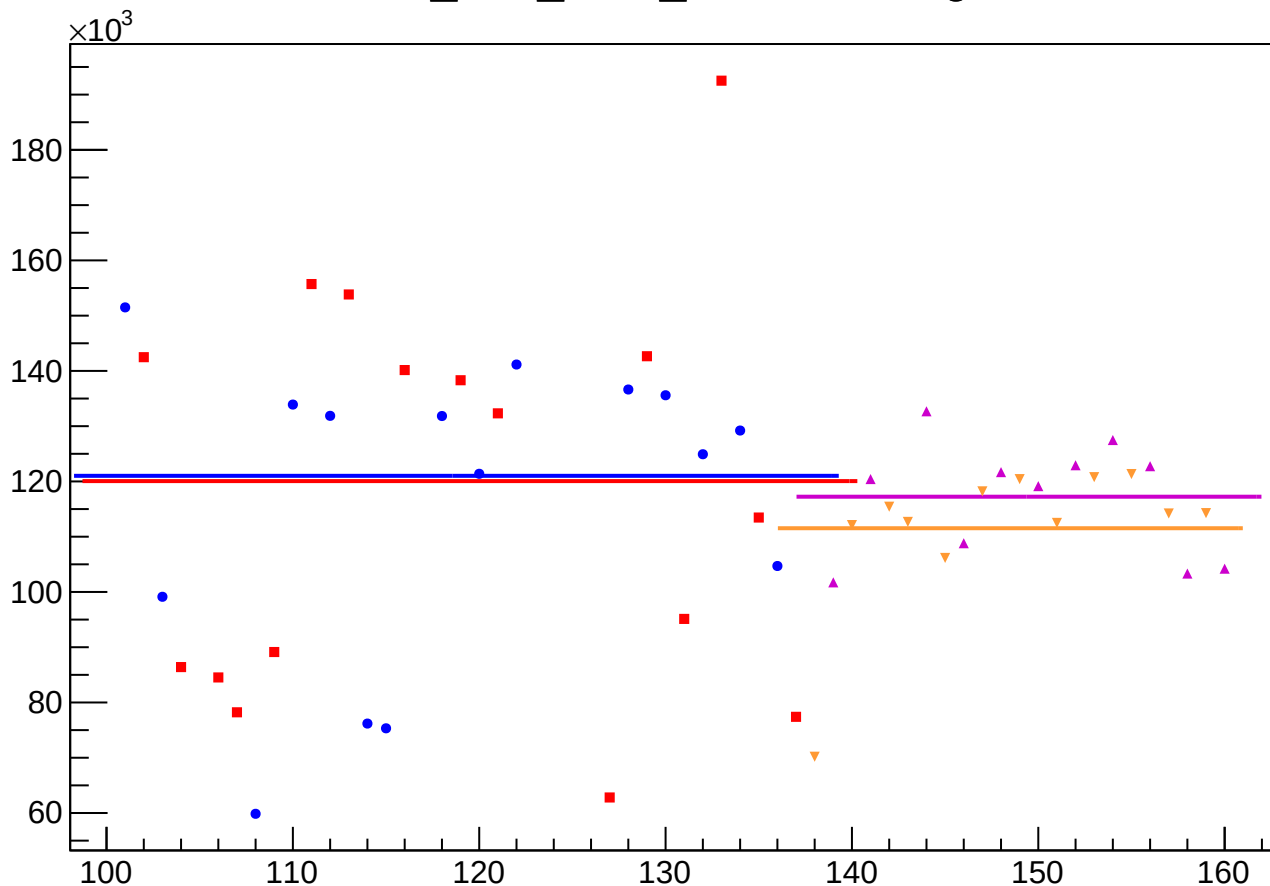
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



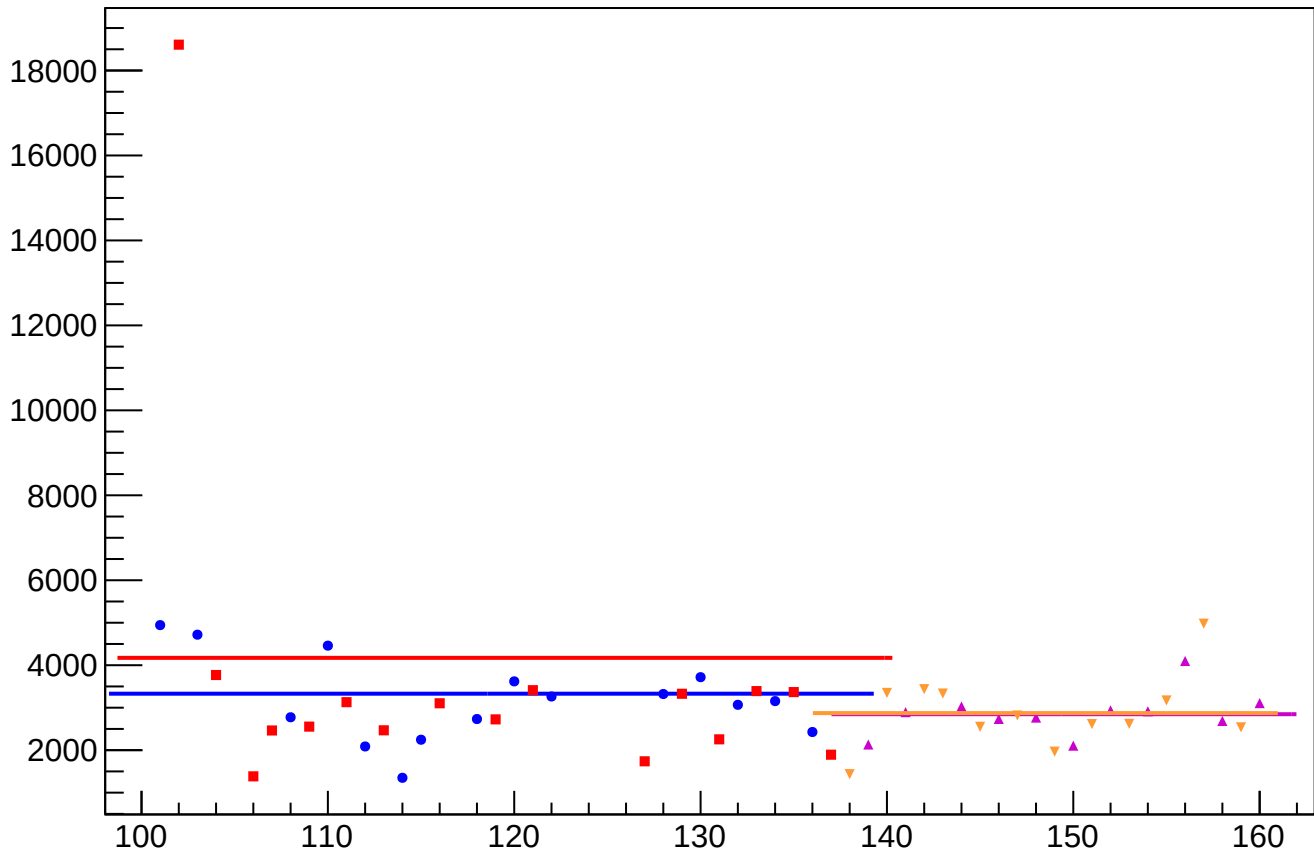
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atr2_coil7_mean vs Slug



Right In: 121016.482 ± 0.000 $\chi^2/\text{NDF}: 358713856404303554987784975983609668173824.0/14$
 Left Out: 111531.681 ± 0.000 $\chi^2/\text{NDF}: 162724299829921950370834246417372913074176.0/11$
 Right Out: 120060.693 ± 0.000 $\chi^2/\text{NDF}: 828419782346707601448620310014135952736256.0/15$
 Left In: 117237.465 ± 0.000 $\chi^2/\text{NDF}: 92299527706158063096544434206678792011776.0/10$

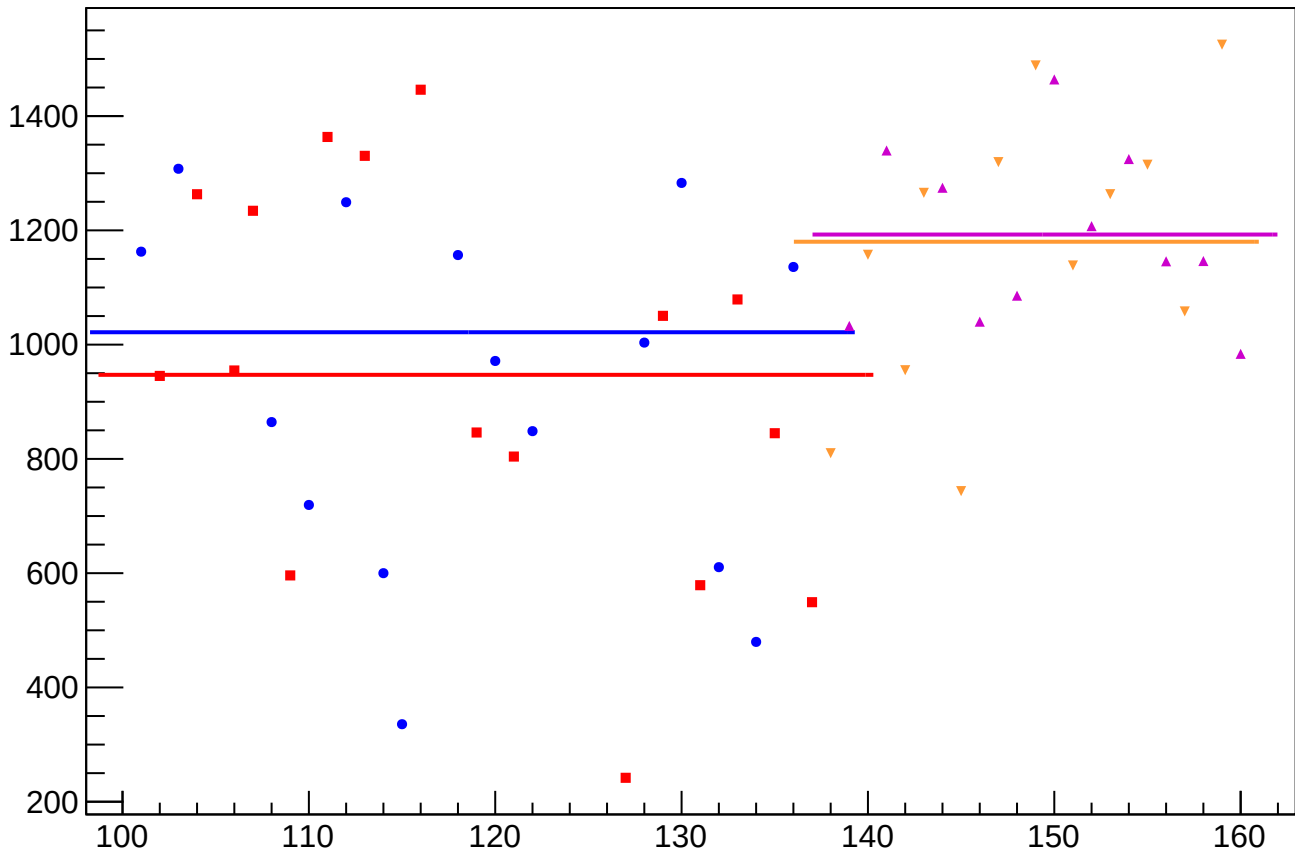
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567+/-0.000 χ^2/NDF : 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559+/-0.000 χ^2/NDF : 229557109736682123603885764134616170496.0/10

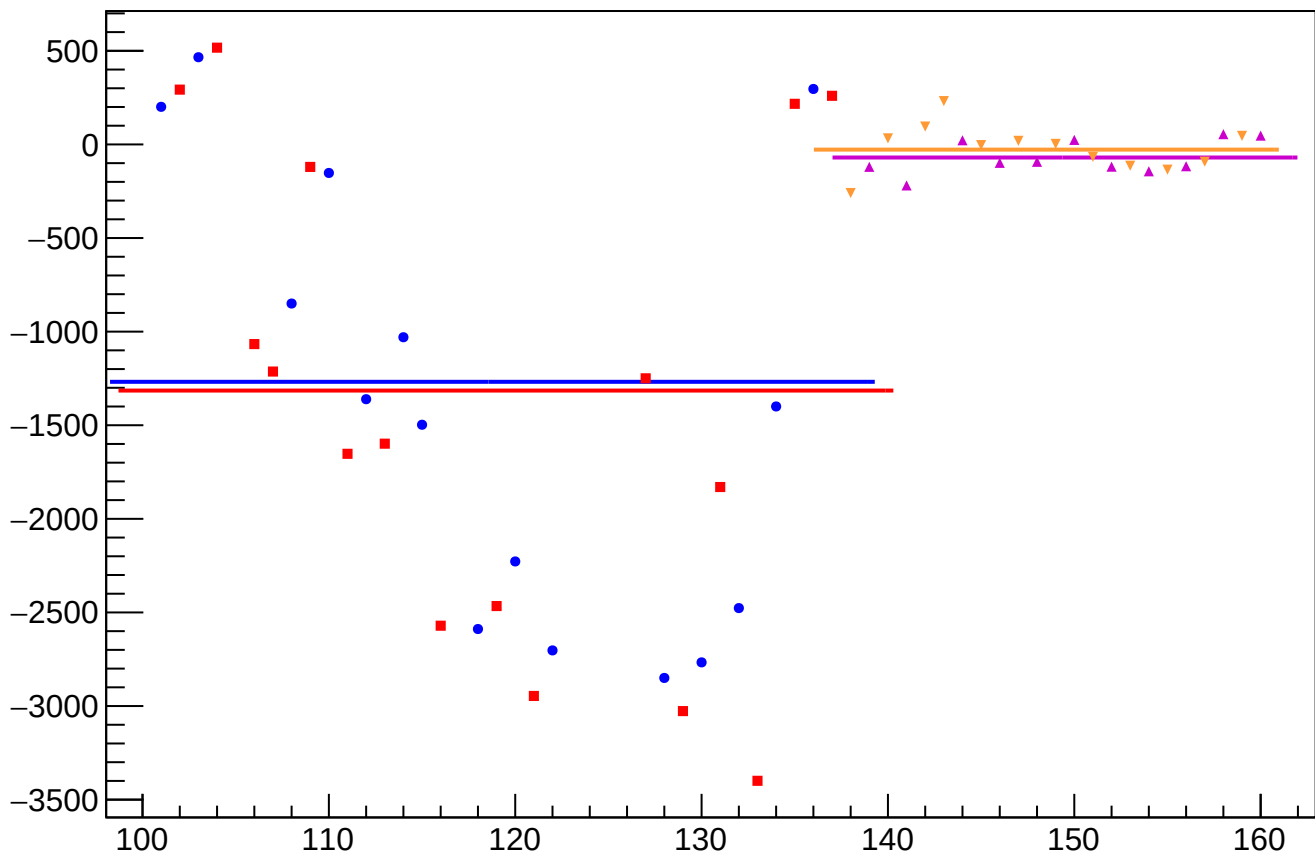
+ sign 3062.293+/-0.000 χ^2/NDF : 13091528183331
 All: 3234.072+/-0.000 χ^2/NDF : 15810392876
 - sign 3402.829+/-0.000 χ^2/NDF : 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



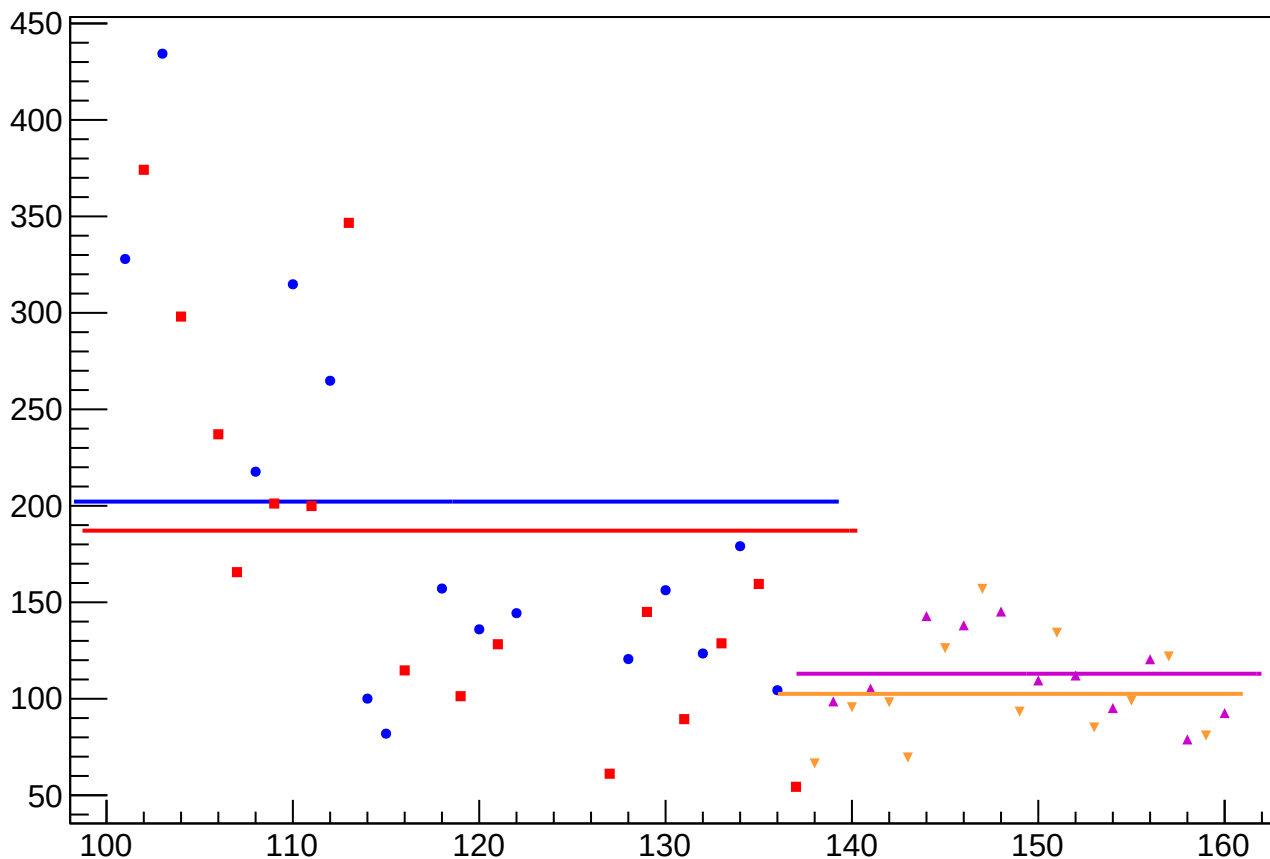
Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 +/- 0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 +/- 0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -27.745+/-0.000 χ^2/NDF : 12401866293776389782406733193877127168.0/11
 Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -69.887+/-0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.547+/-0.000 χ^2/NDF : 631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

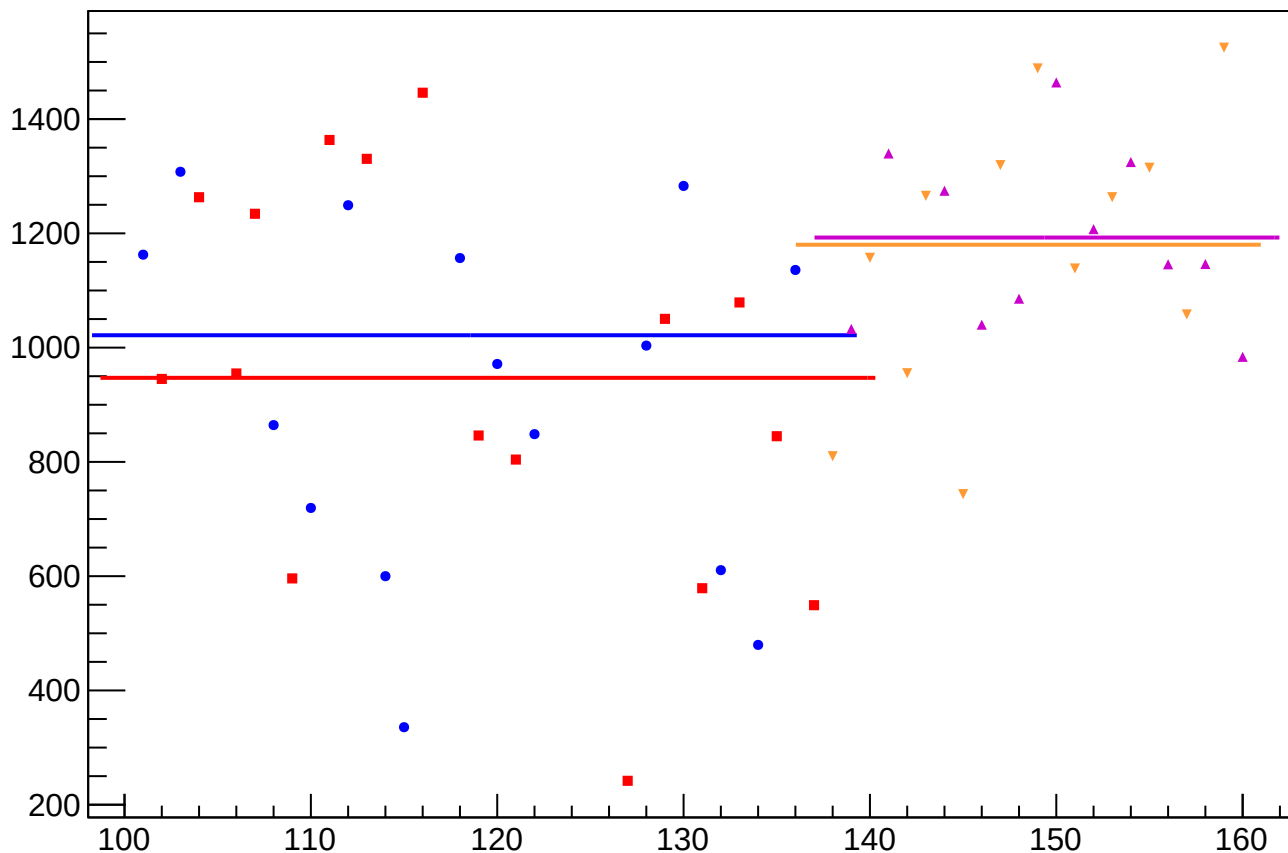
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF : 114280634979740

All: 143.994+/-0.000 χ^2/NDF : 20186723766

- sign 144.065+/-0.000 χ^2/NDF : 875864401174807

dit sam1 coil7 Ndata mean vs Slug



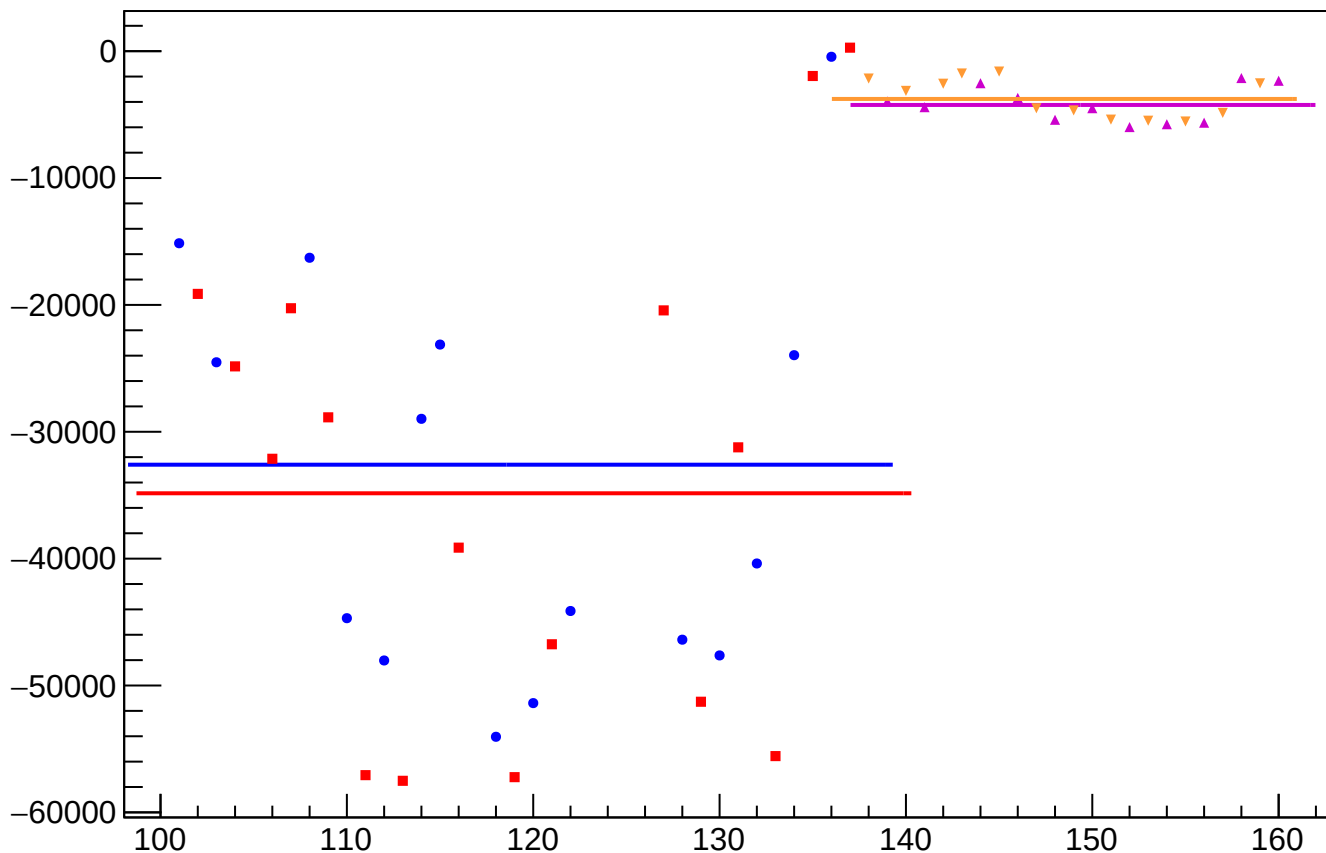
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF :50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

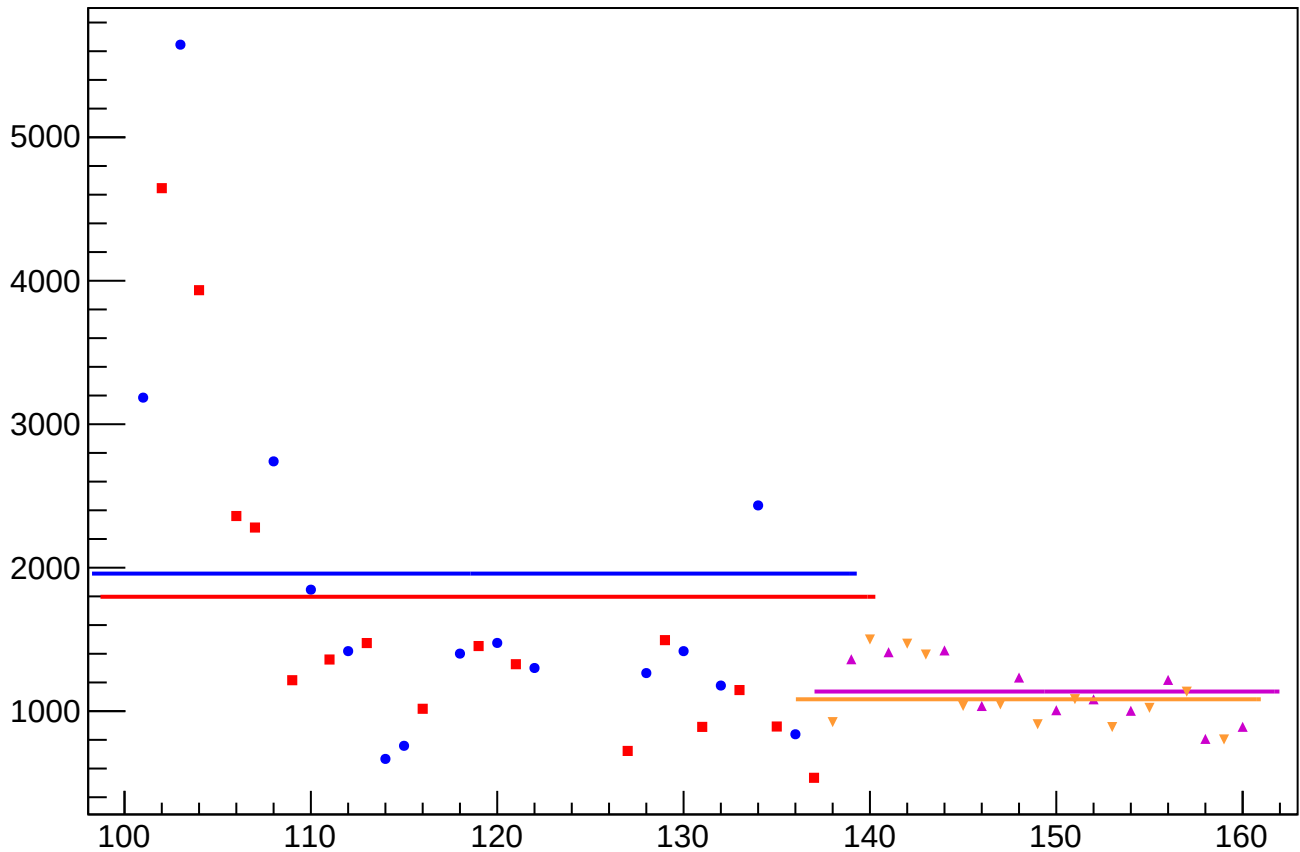
Left In: 1192.687+/-0.000 χ^2/NDF :19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



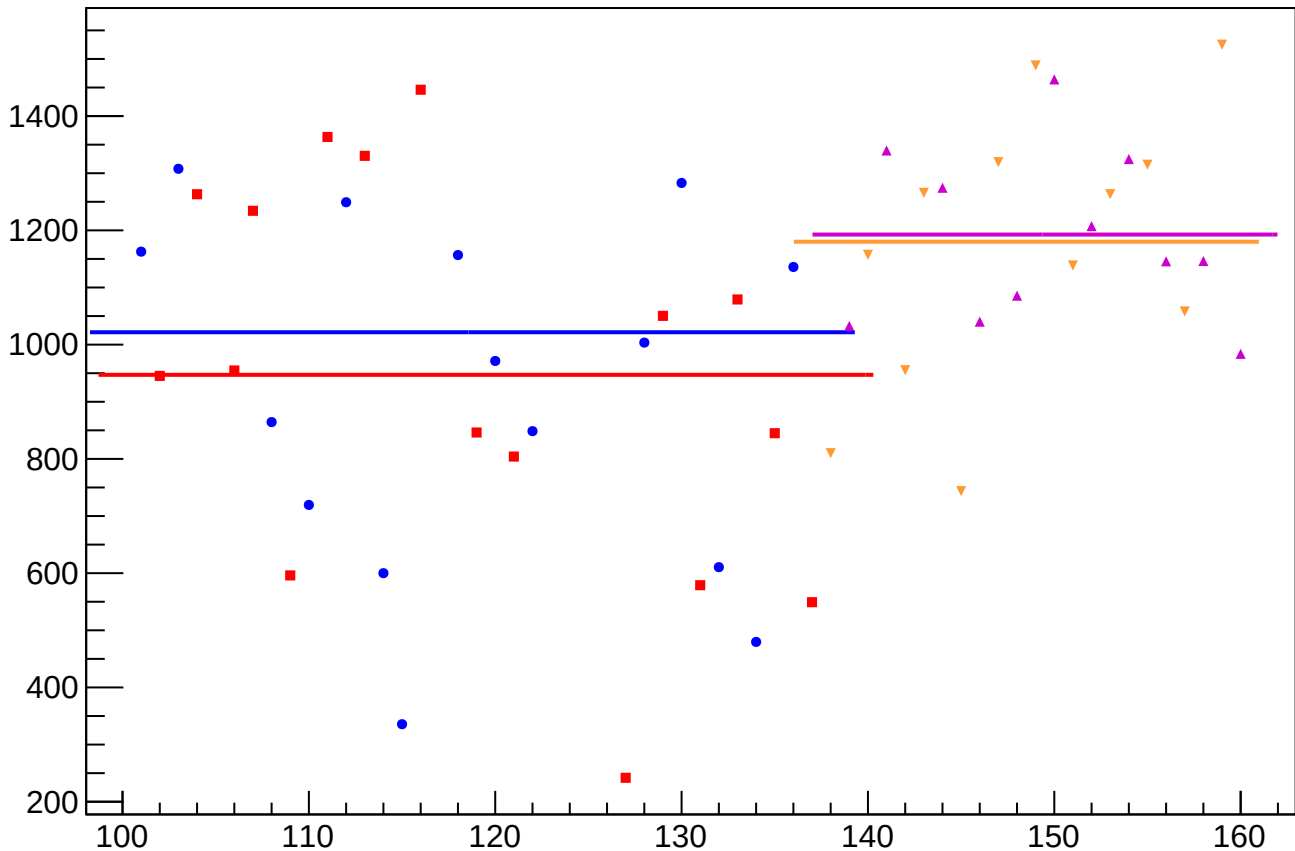
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



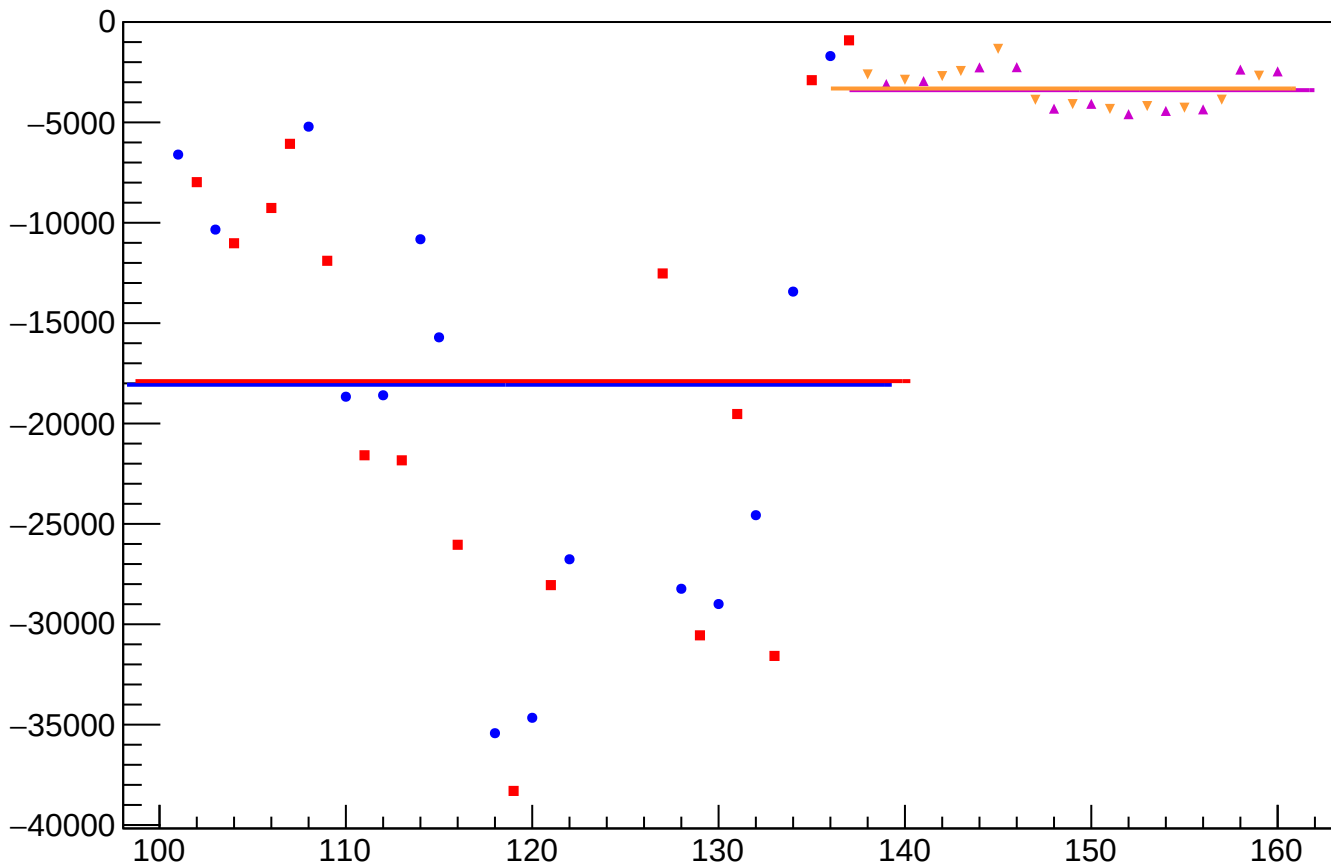
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



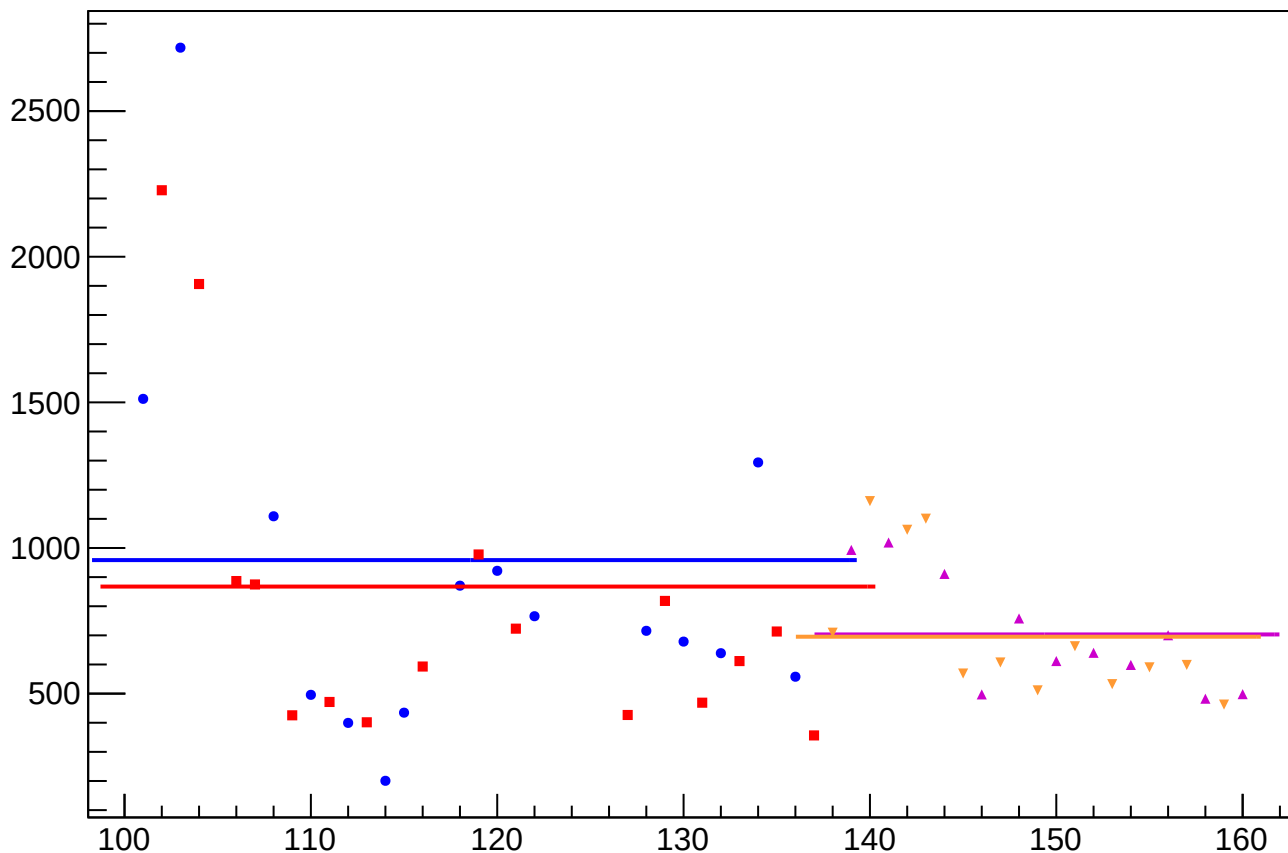
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3312.000+/-0.000 χ^2/NDF : 776933675153970093414497932746986356736.0/11
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10
 All: -9455.112+/-0.000 χ^2/NDF : 3283182119
 + sign -9439.320+/-0.000 χ^2/NDF : 1677312300640
 - sign -9470.625+/-0.000 χ^2/NDF : 1605862092635

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

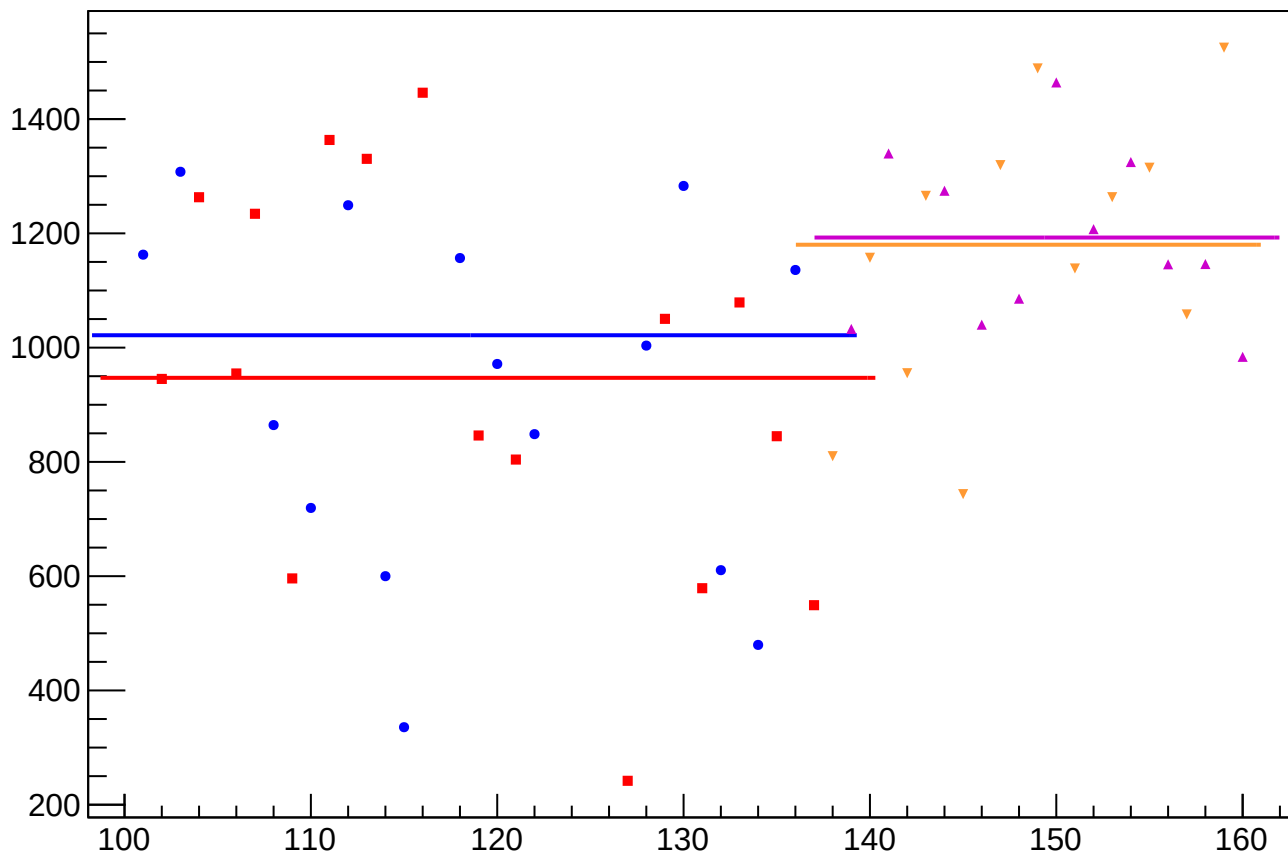
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 804.584+/-0.000 χ^2/NDF : 338998928620433

All: 788.186+/-0.000 χ^2/NDF : 598468024963

- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

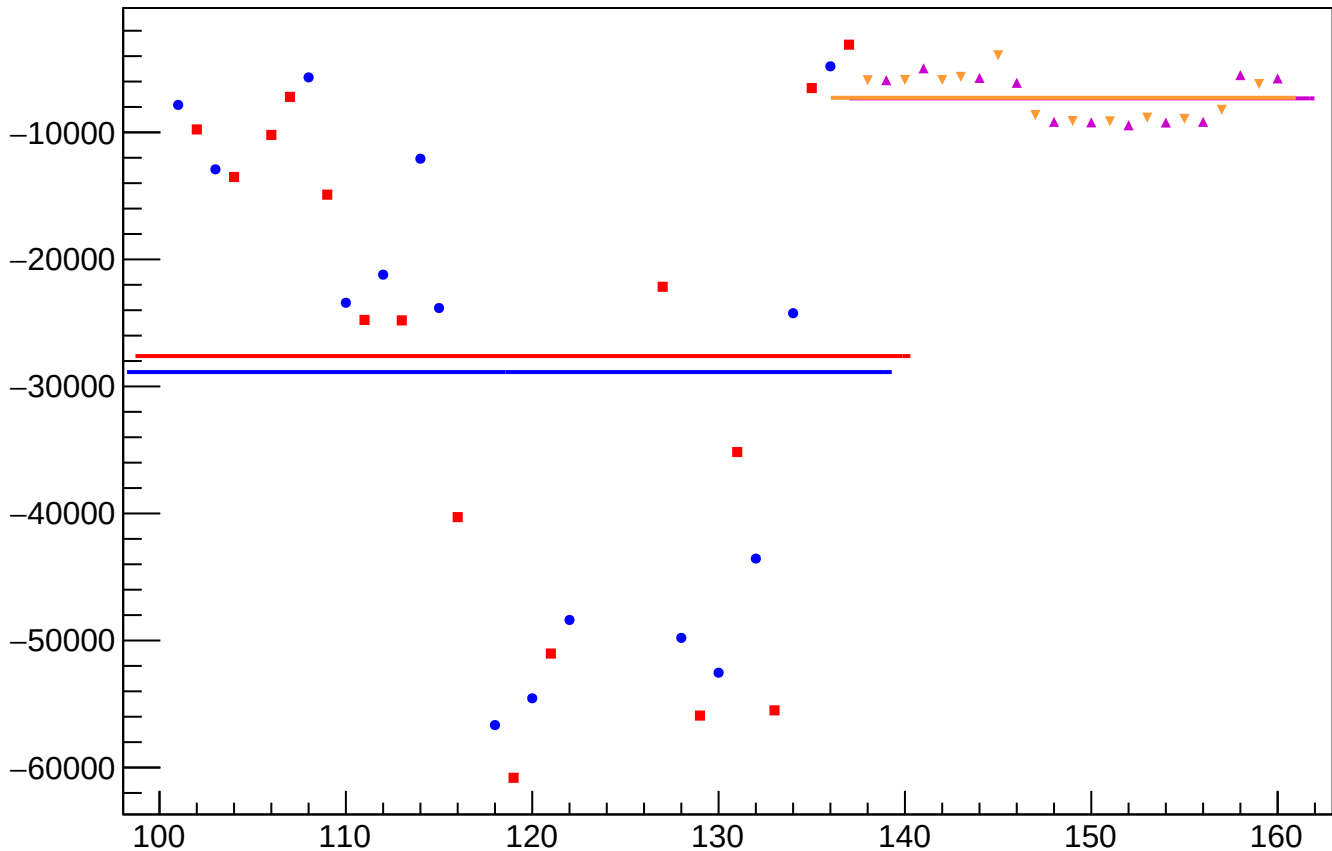
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

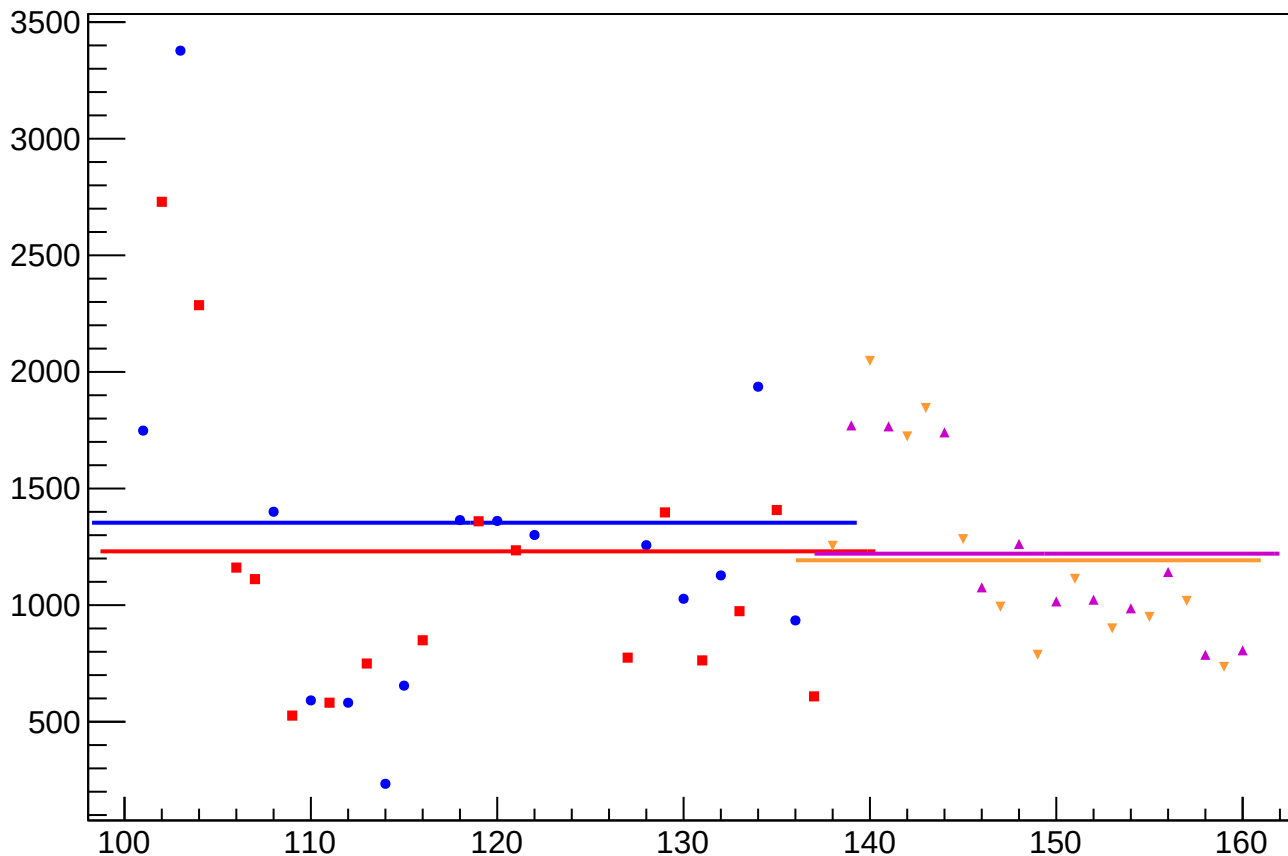
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

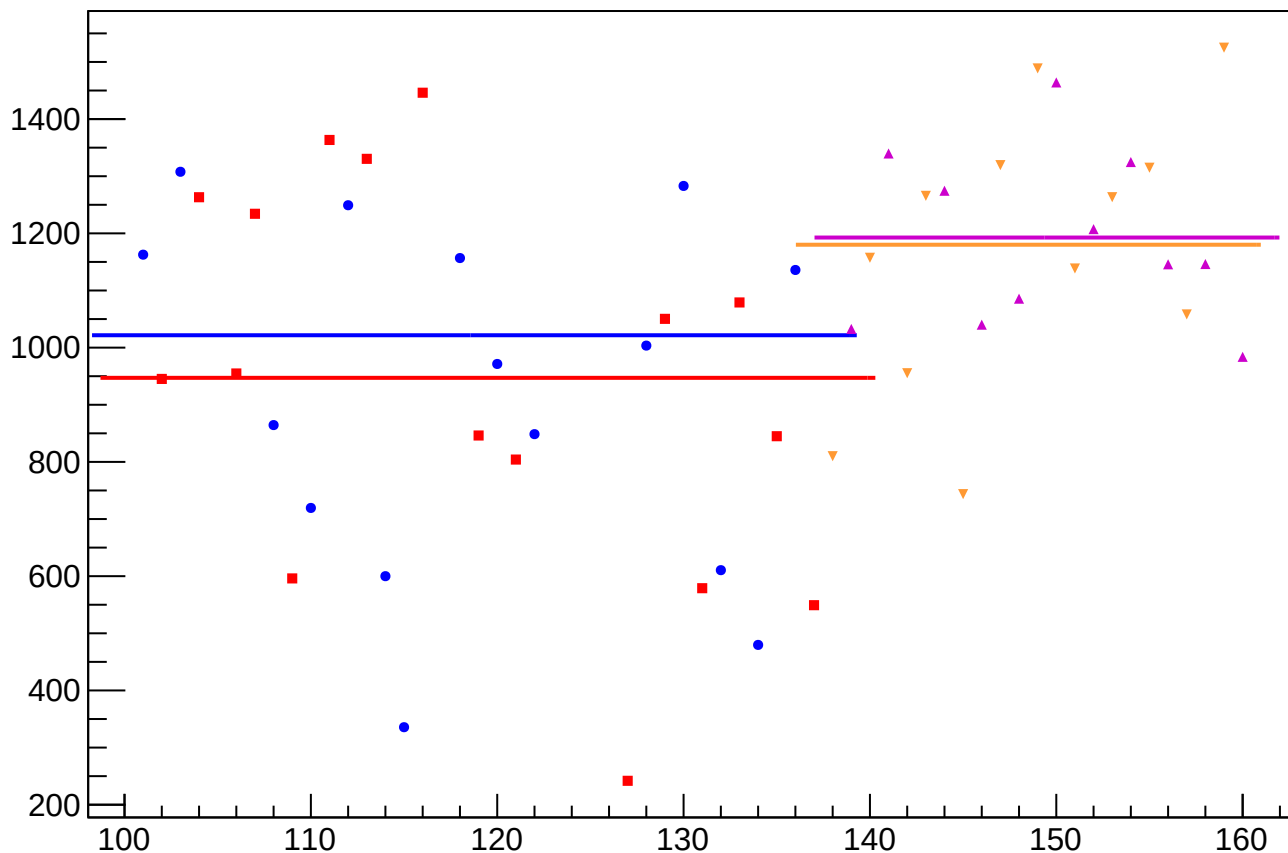
Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

All: 1241.889+/-0.000 χ^2/NDF : 90788694347

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

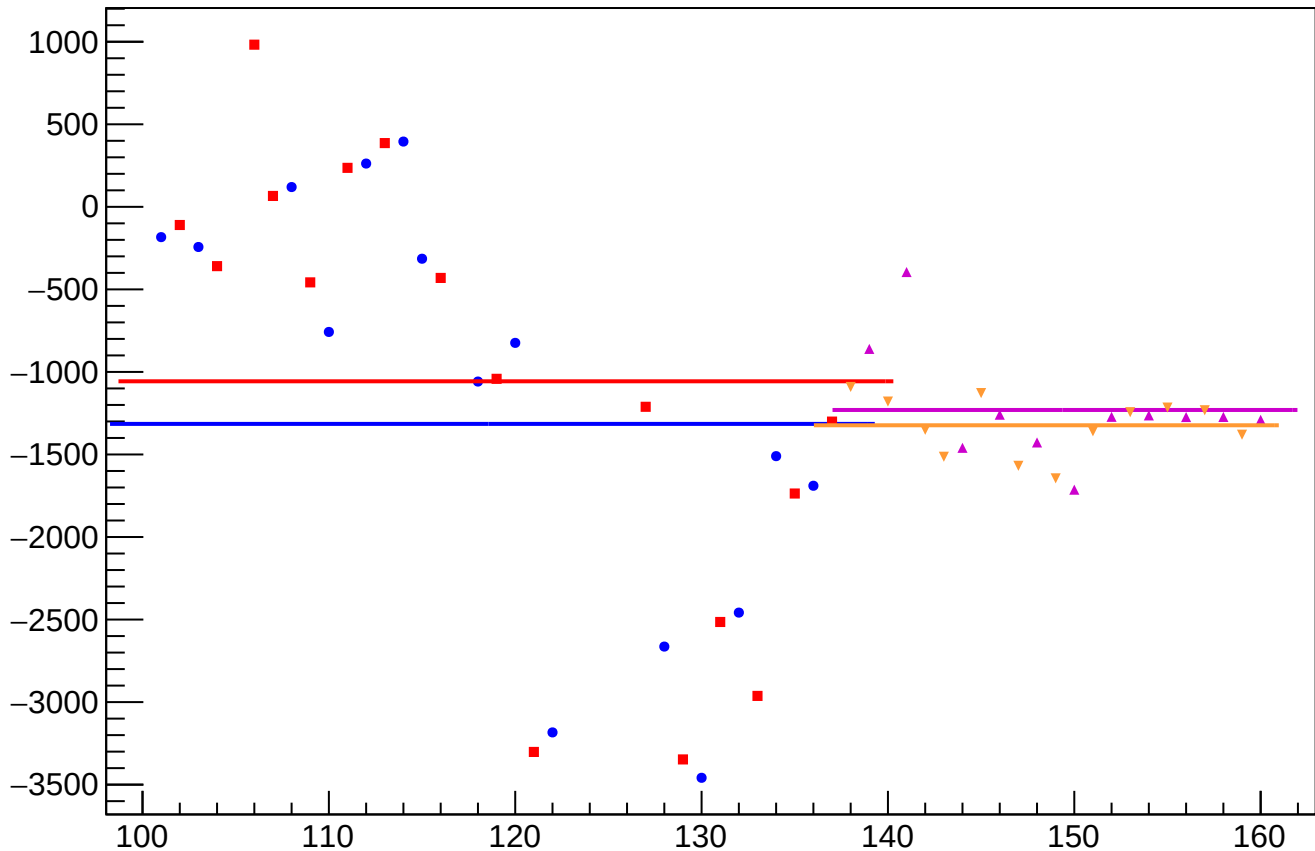
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

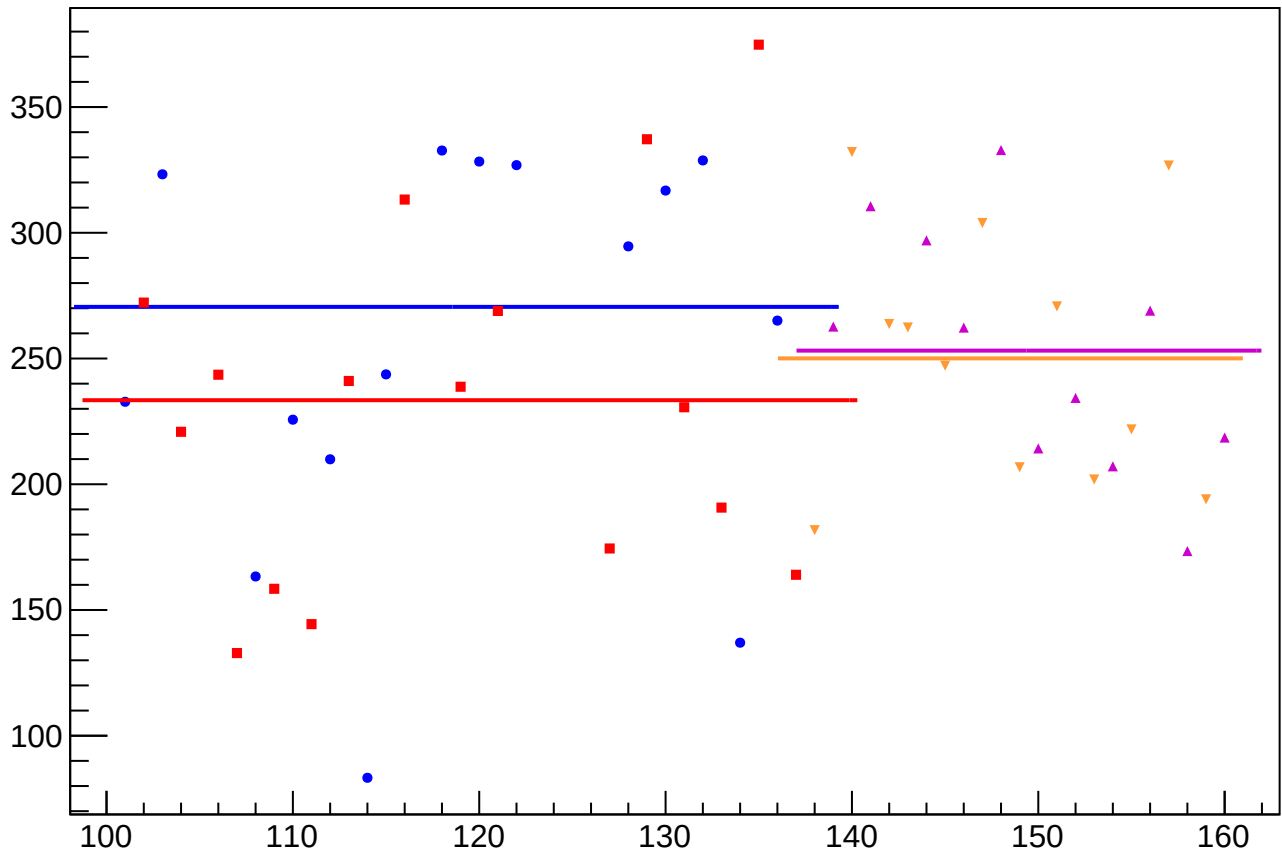
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 $\chi^2/\text{NDF}: 966082368518203481544021644405645508608.0/14$
 Left Out: -1323.142 ± 0.000 $\chi^2/\text{NDF}: 27180584789293911694803613303409999872.0/11$
 Right Out: -1056.765 ± 0.000 $\chi^2/\text{NDF}: 1127141594187417021949832477353286041600.0/15$
 Left In: -1230.430 ± 0.000 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

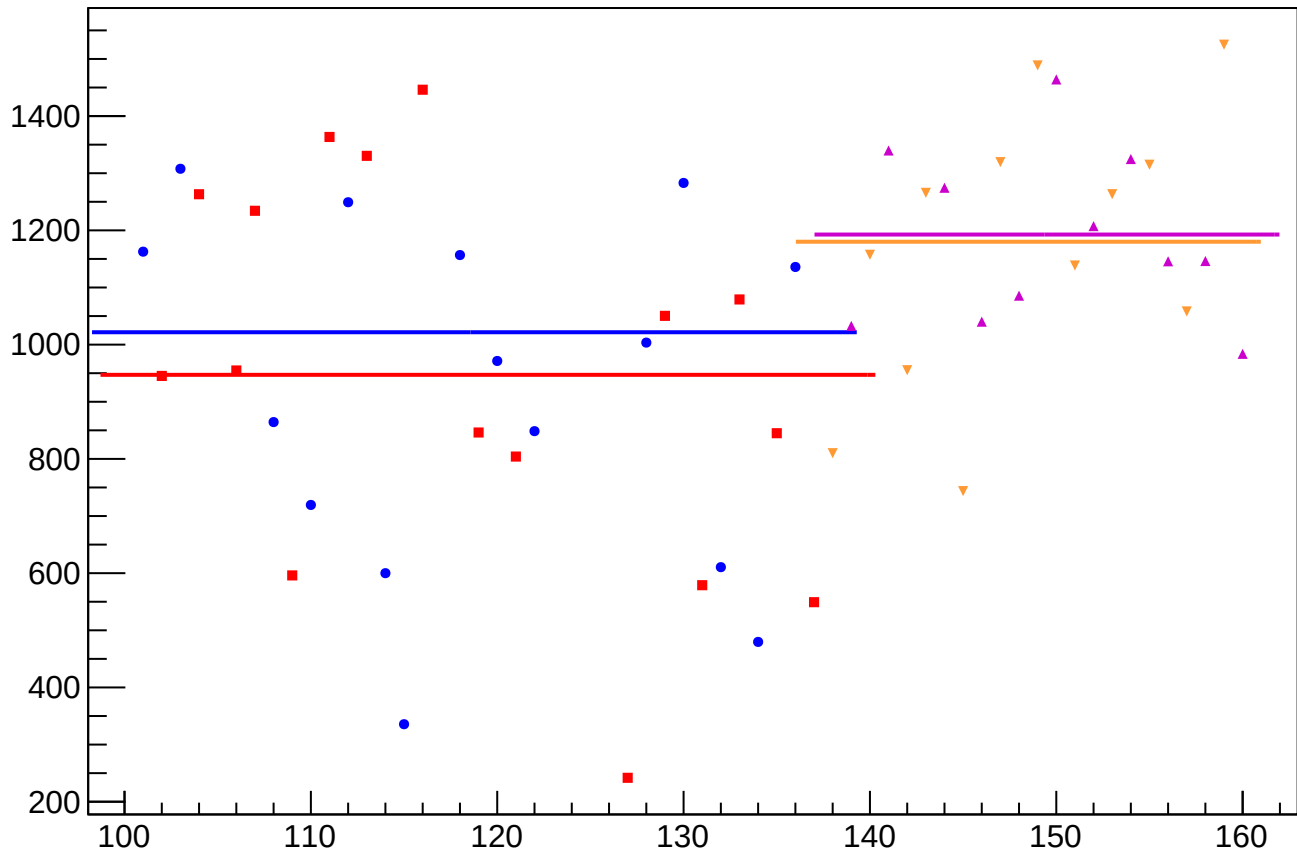
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 250.055+/-0.000	χ^2/NDF : 2329396041694824766683600755668025344.0/11
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 253.145+/-0.000	χ^2/NDF : 1980196841930298045035907903943344128.0/10

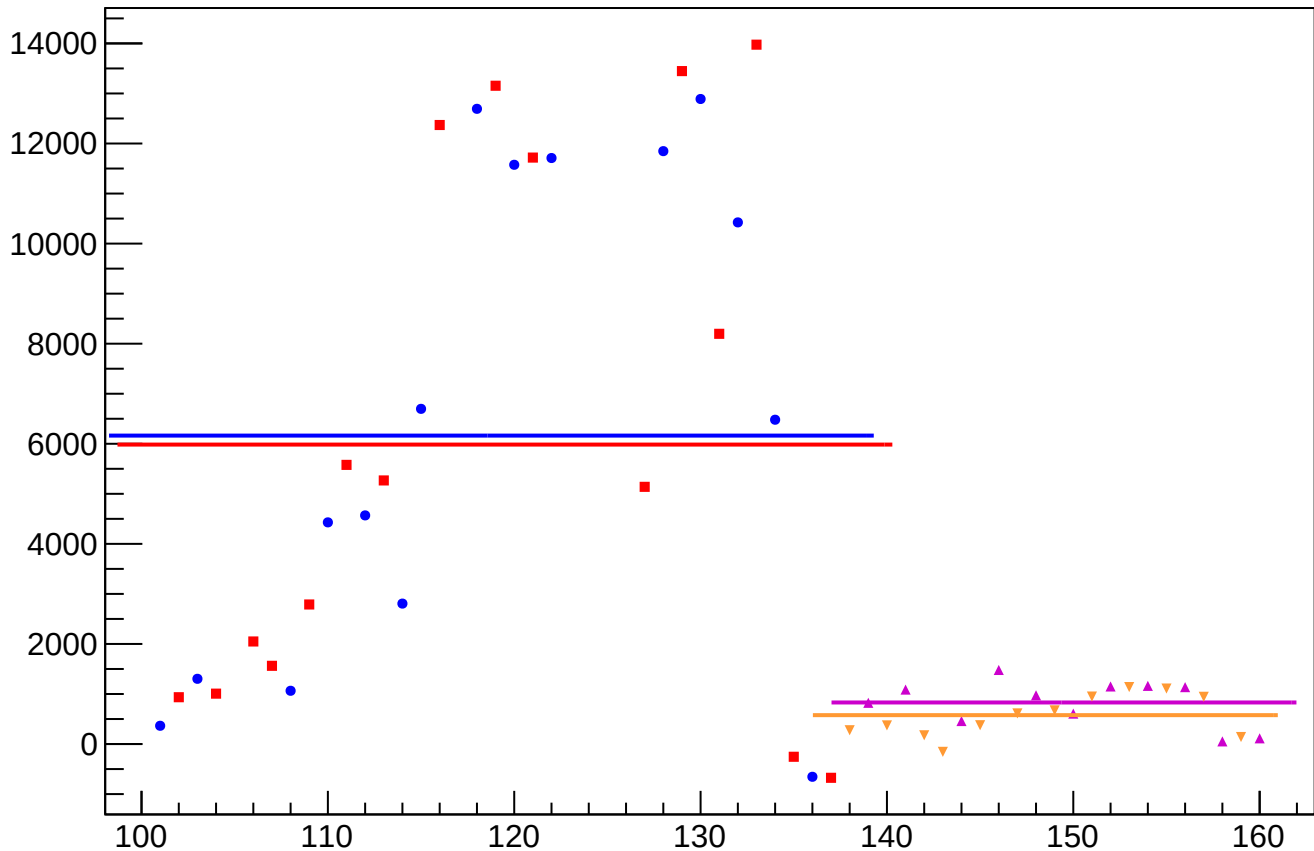
+ sign 258.560+/-0.000 χ^2/NDF : 496246110495273
 All: 251.658+/-0.000 χ^2/NDF : 10289533435
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



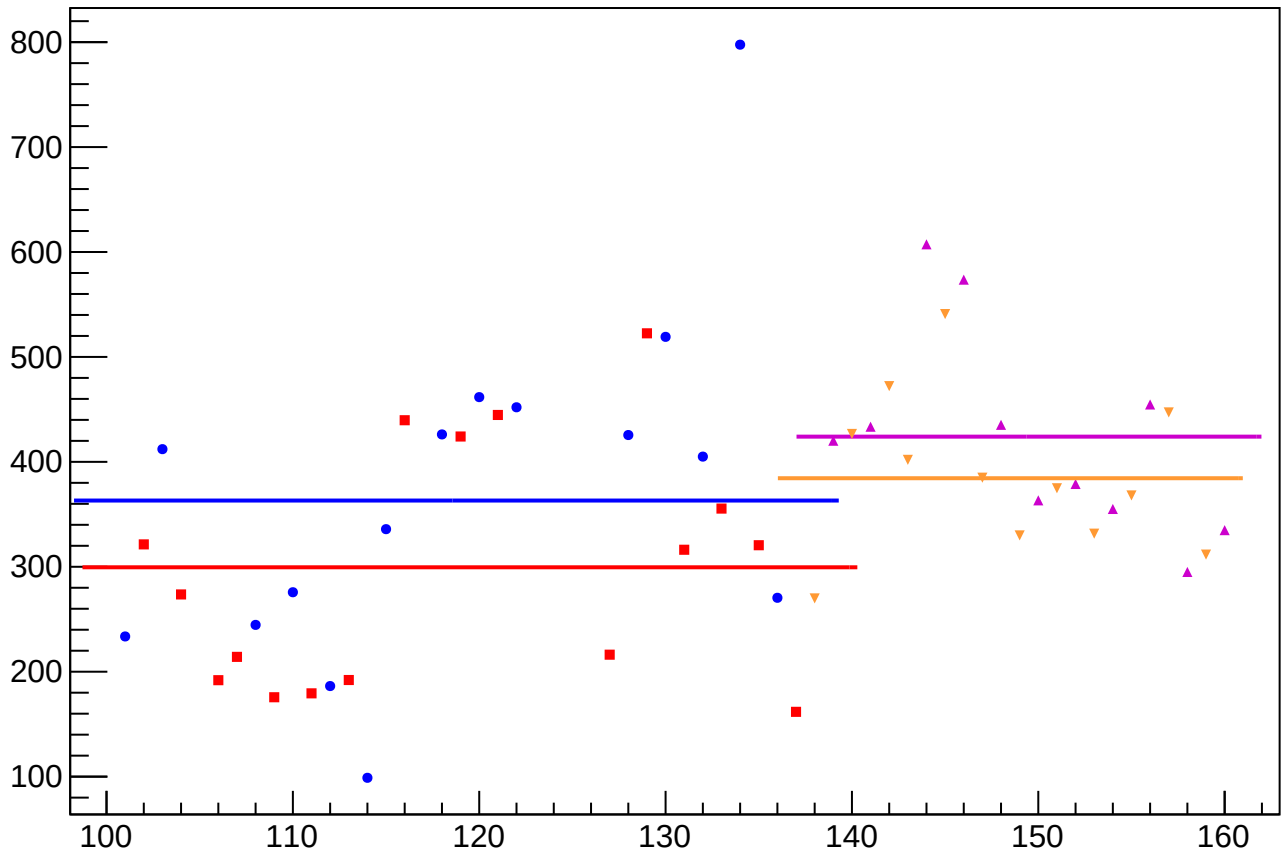
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam6_coil7_mean vs Slug



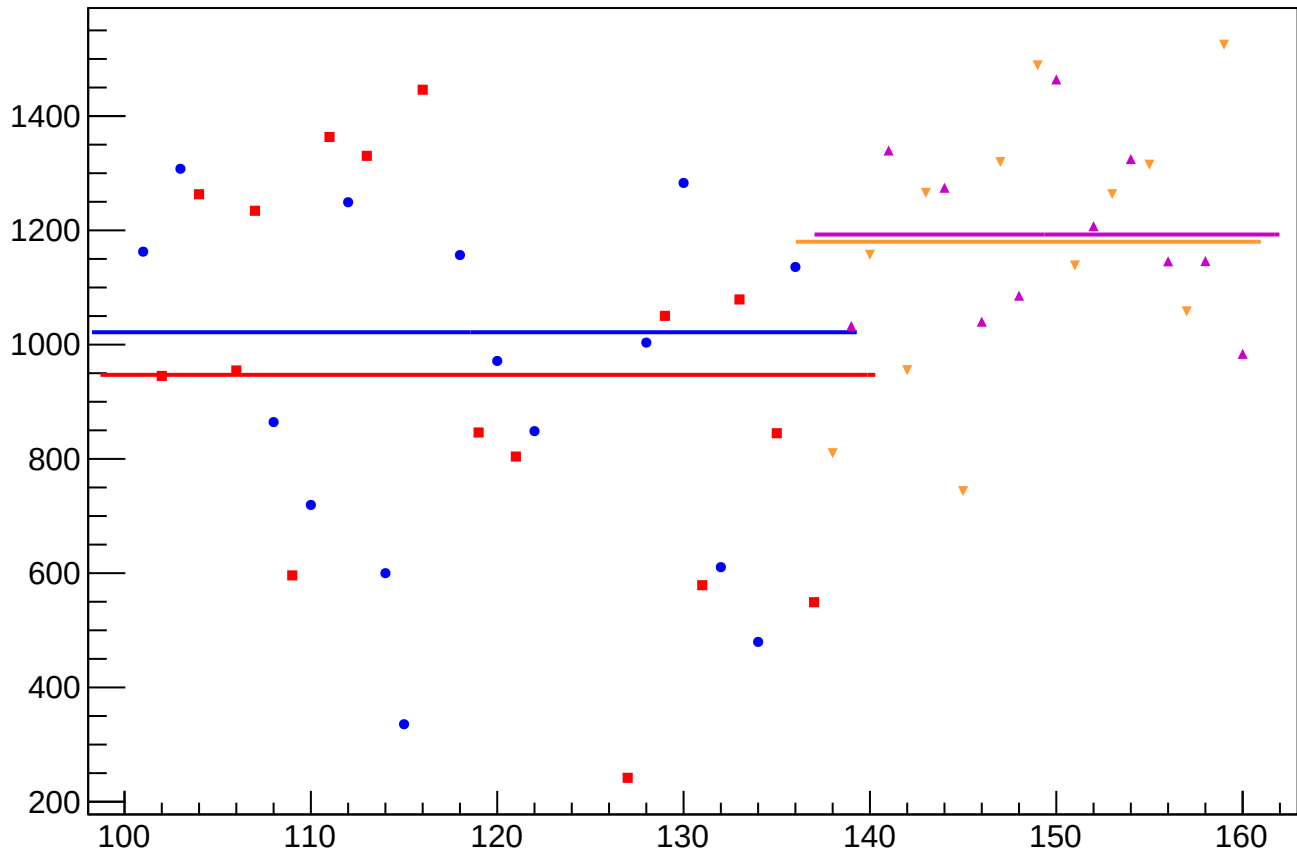
Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10

dit_sam6_coil7_err_mean vs Slug



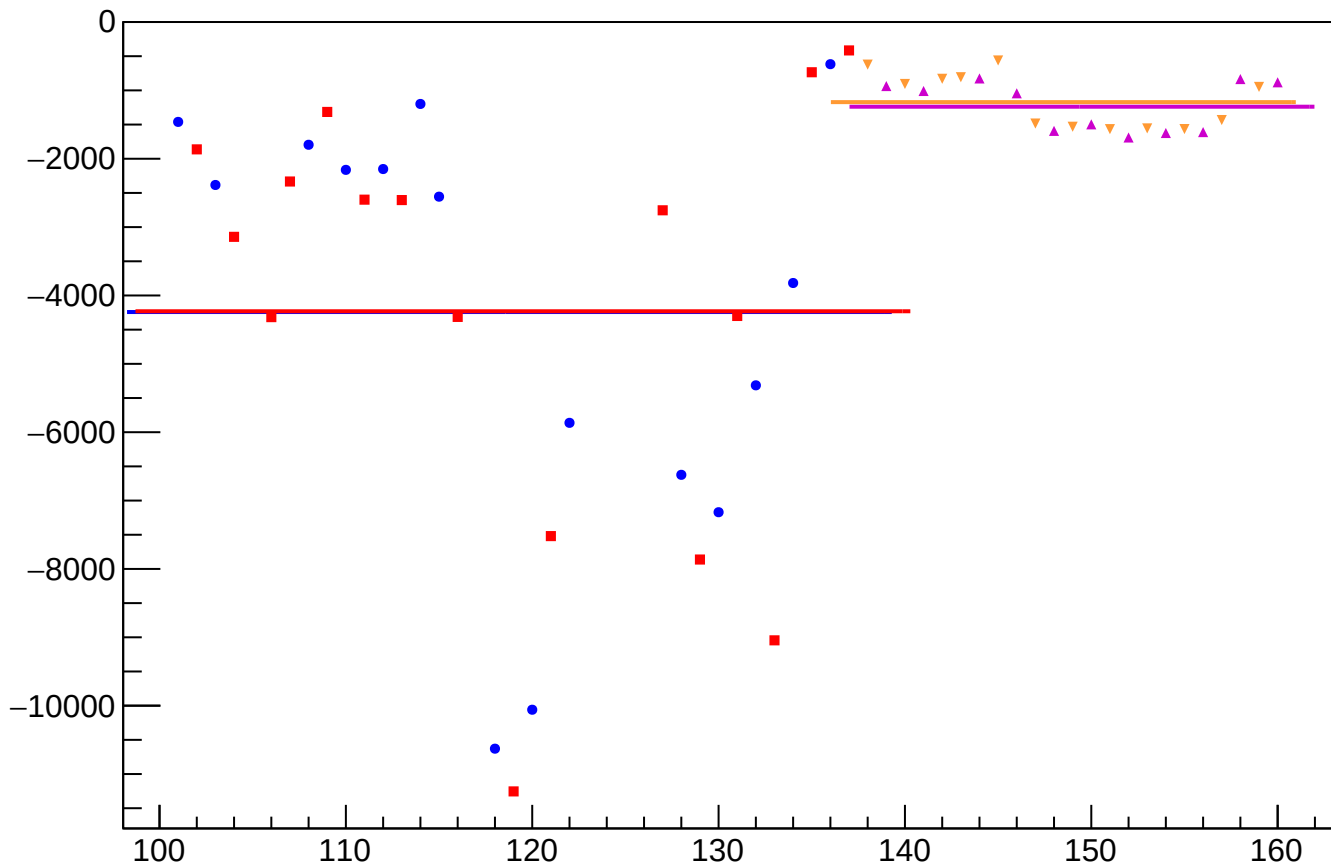
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14
 Left Out: 384.397+/-0.000 χ^2/NDF : 4703352228141784942428920611126378496.0/11
 Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15
 Left In: 424.034+/-0.000 χ^2/NDF : 7812894231718086106241094868881375232.0/10

dit_sam6_coil7_Ndata_mean vs Slug



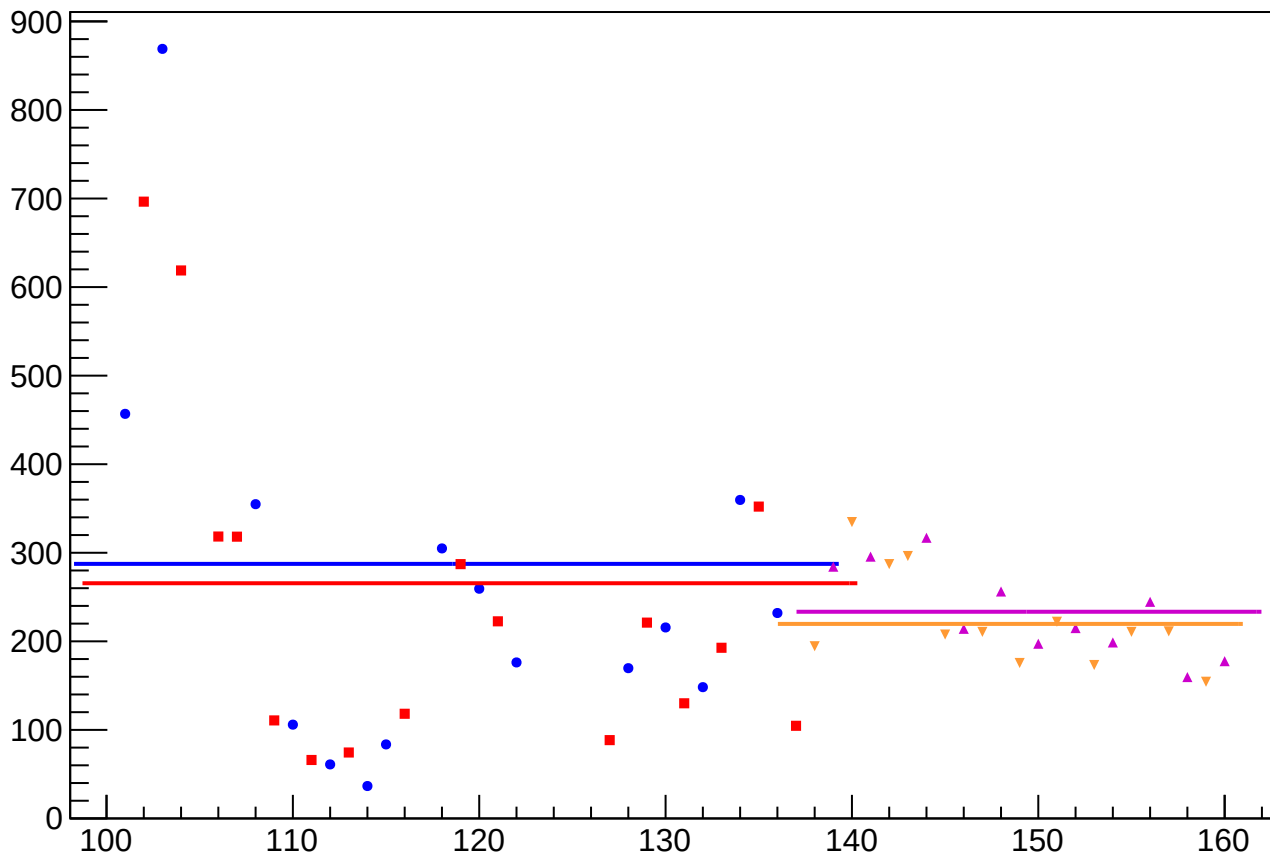
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -1171.784+/-0.000 χ^2/NDF : 137401425112319786783295403719378599936.0/11
 Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: -1238.776+/-0.000 χ^2/NDF : 111339045659652616720712870833504124928.0/10

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

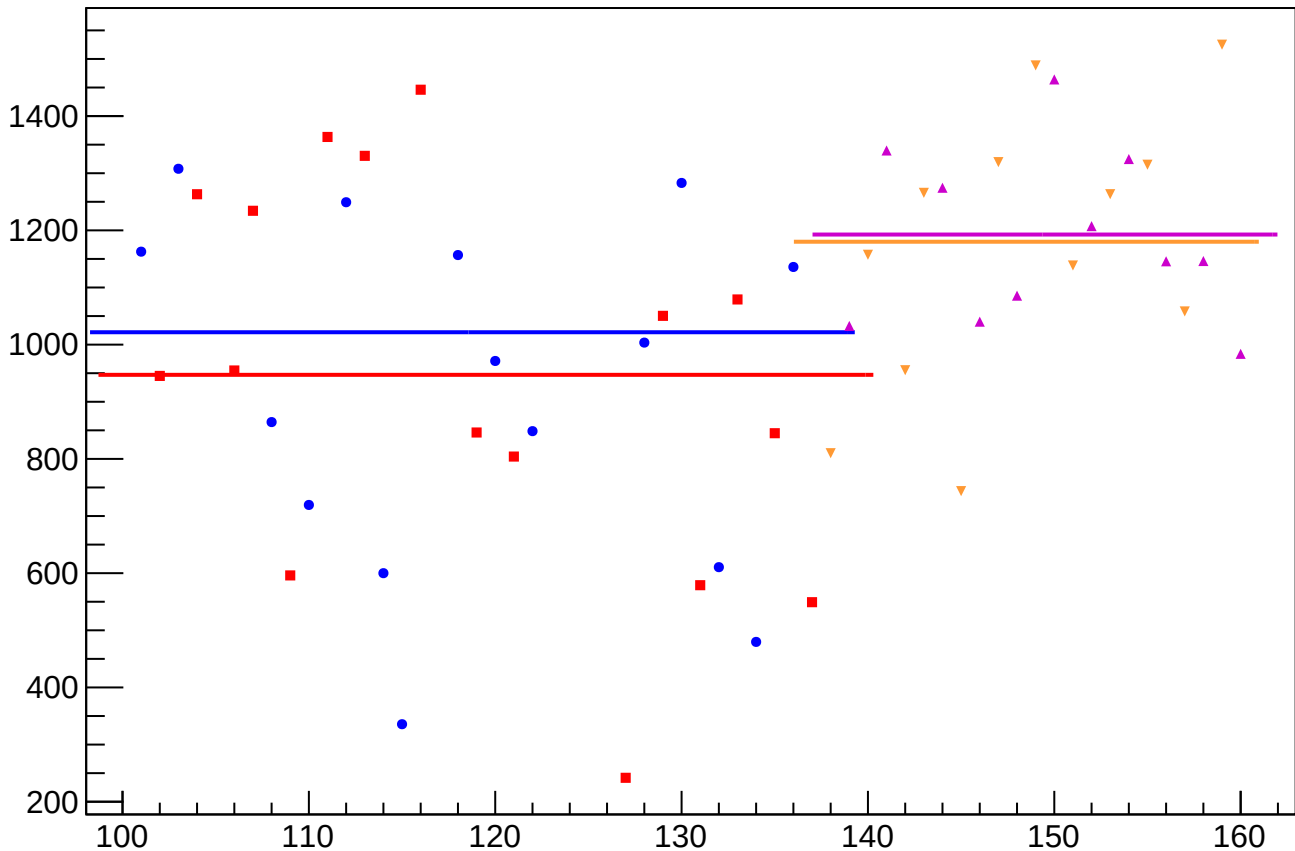
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

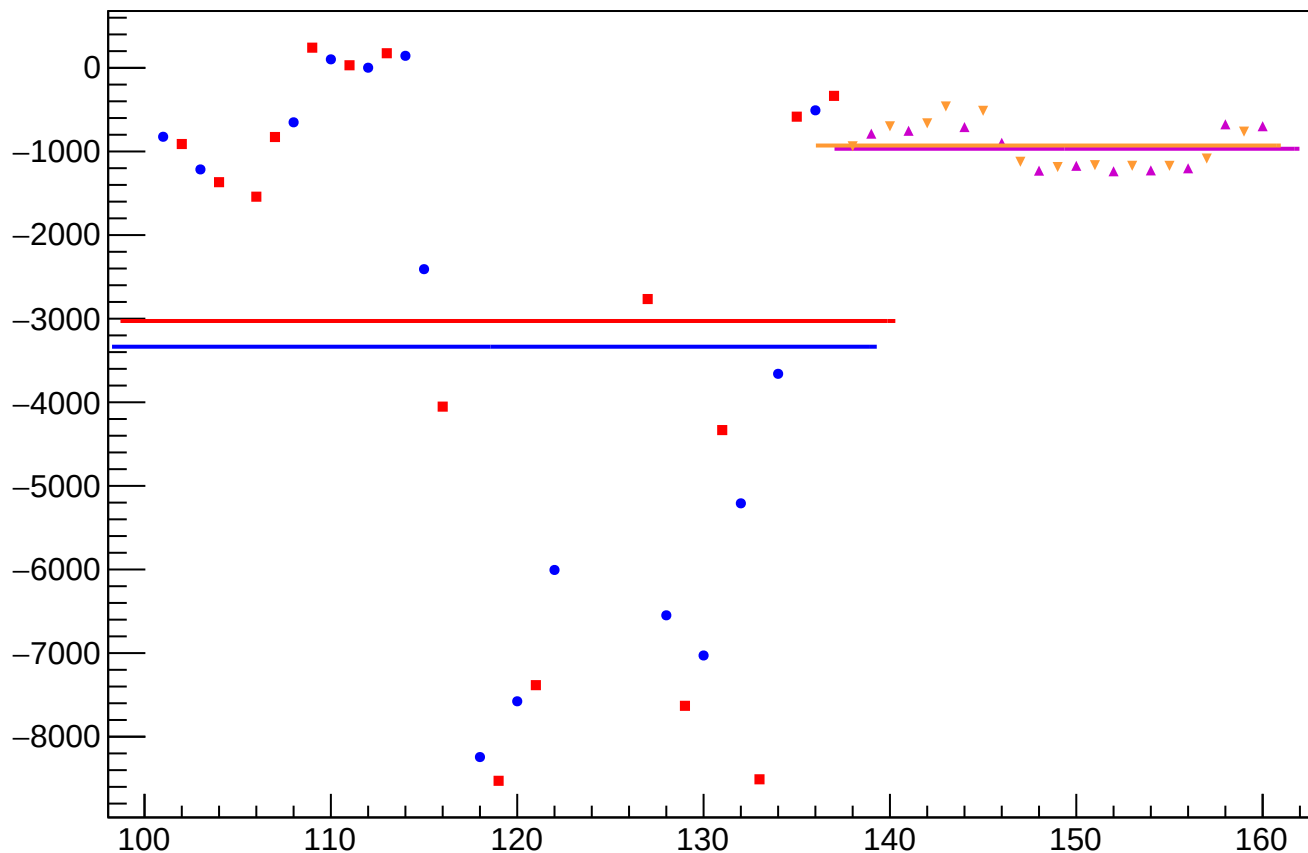
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



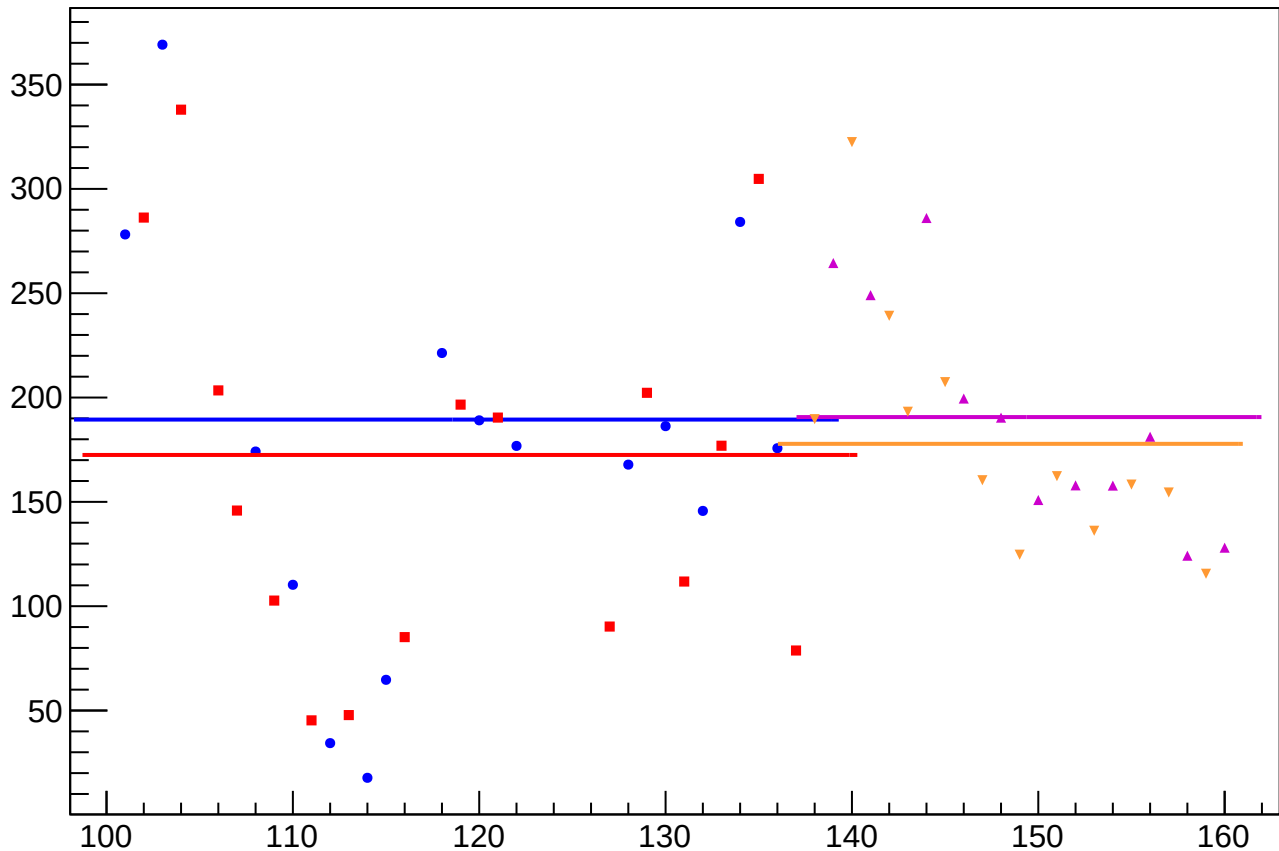
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam8_coil7_mean vs Slug



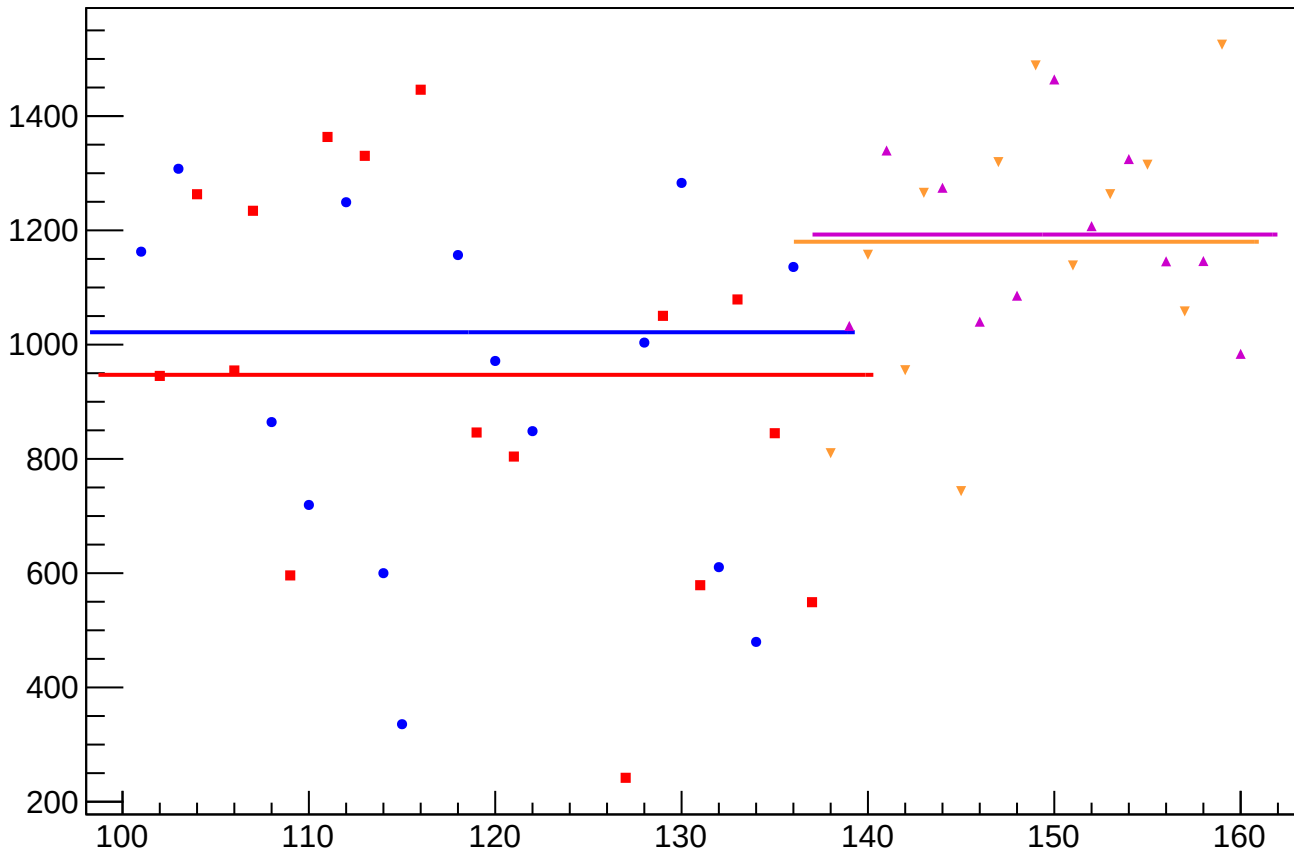
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862+/-0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000	χ^2/NDF : 4707234253929700721726064108794544128.0/14	+ sign 182.640+/-0.000	χ^2/NDF : 755196649084906
Left Out: 177.811+/-0.000	χ^2/NDF : 2793392529927944860081581234505908224.0/11	All: 182.836+/-0.000	χ^2/NDF : 15810669328
Right Out: 172.485+/-0.000	χ^2/NDF : 5594813408996728261938711470404534272.0/15	- sign 183.029+/-0.000	χ^2/NDF : 825858339211044
Left In: 190.641+/-0.000	χ^2/NDF : 2536070386684067132001548898091925504.0/10		

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

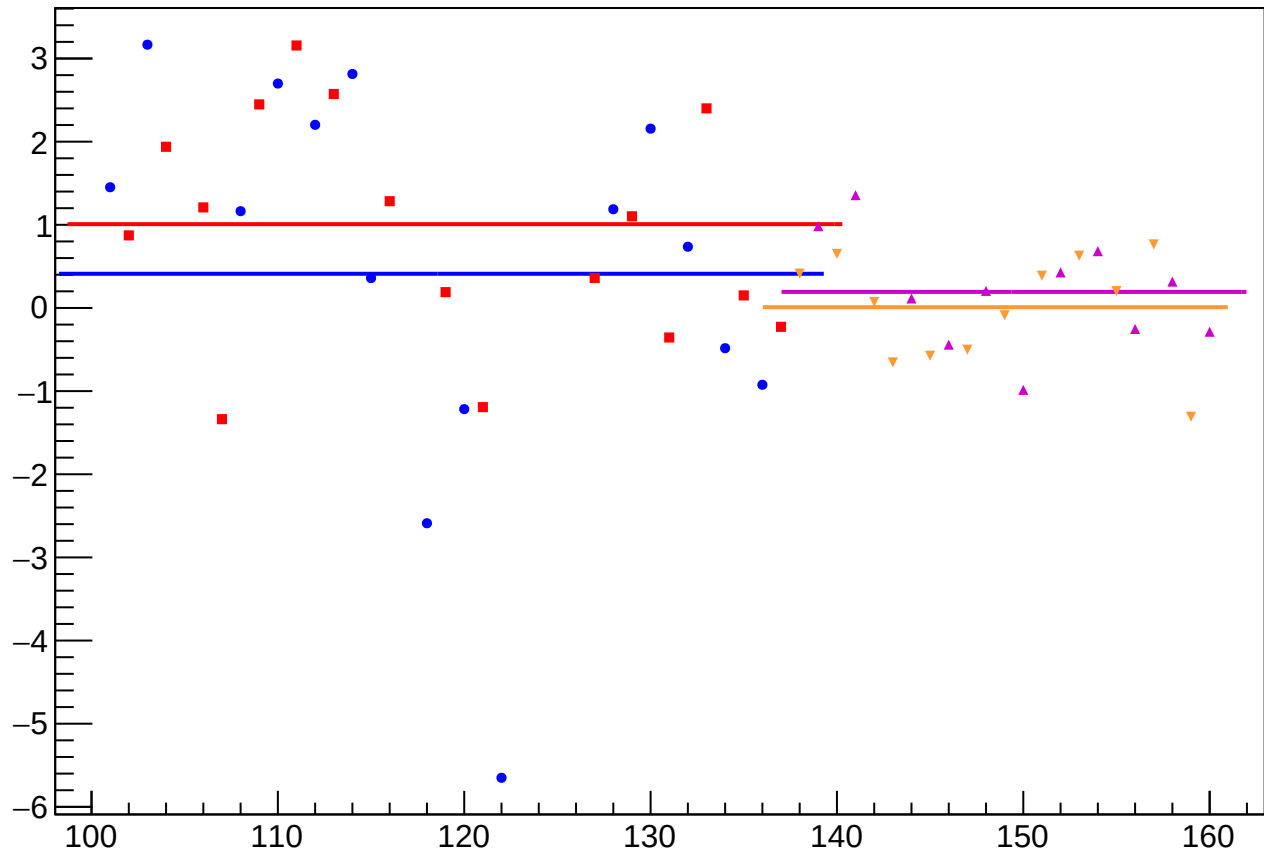
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

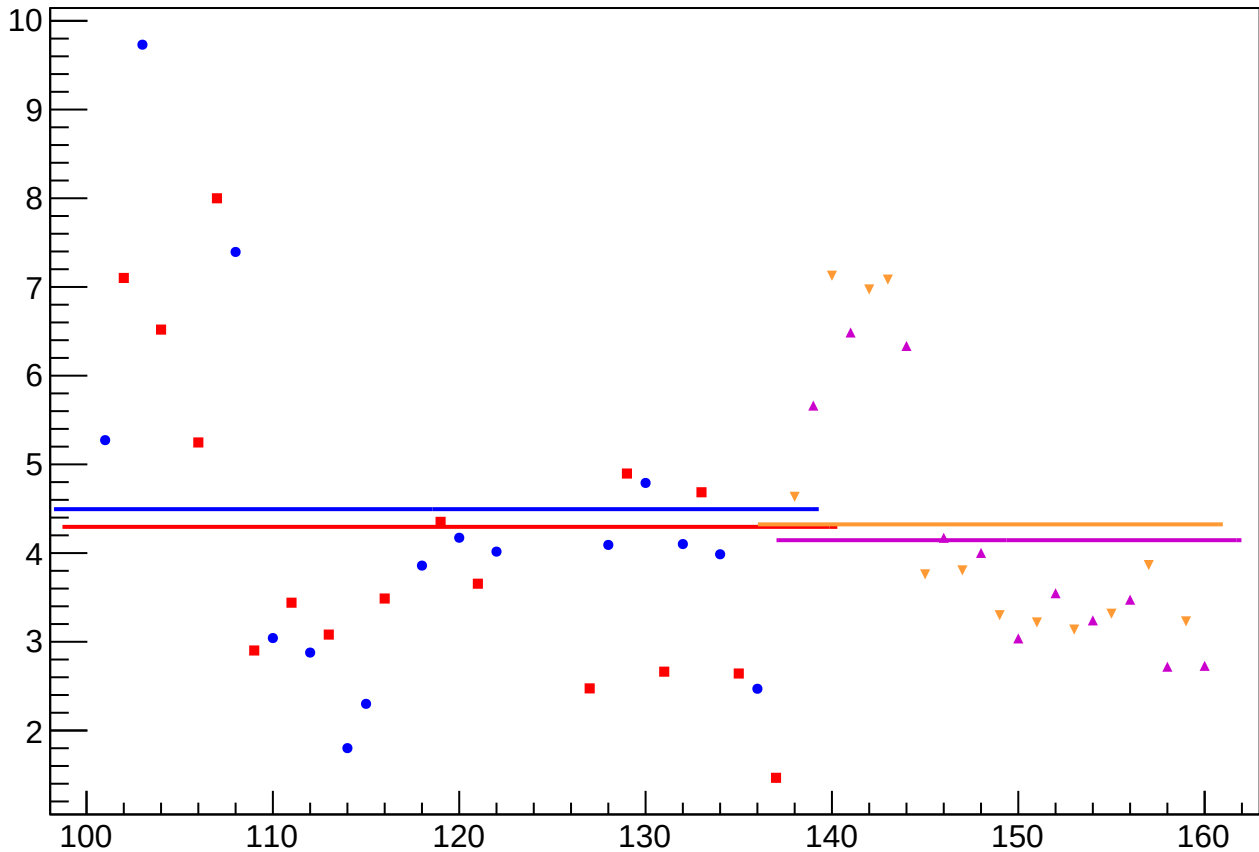
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: 0.010+/-0.000	χ^2/NDF : 354573516648160349272665694928896.0/11
Right Out: 1.008+/-0.000	χ^2/NDF : 1128402228144096394498047410700288.0/15
Left In: 0.193+/-0.000	χ^2/NDF : 386133523330033860307880234713088.0/10

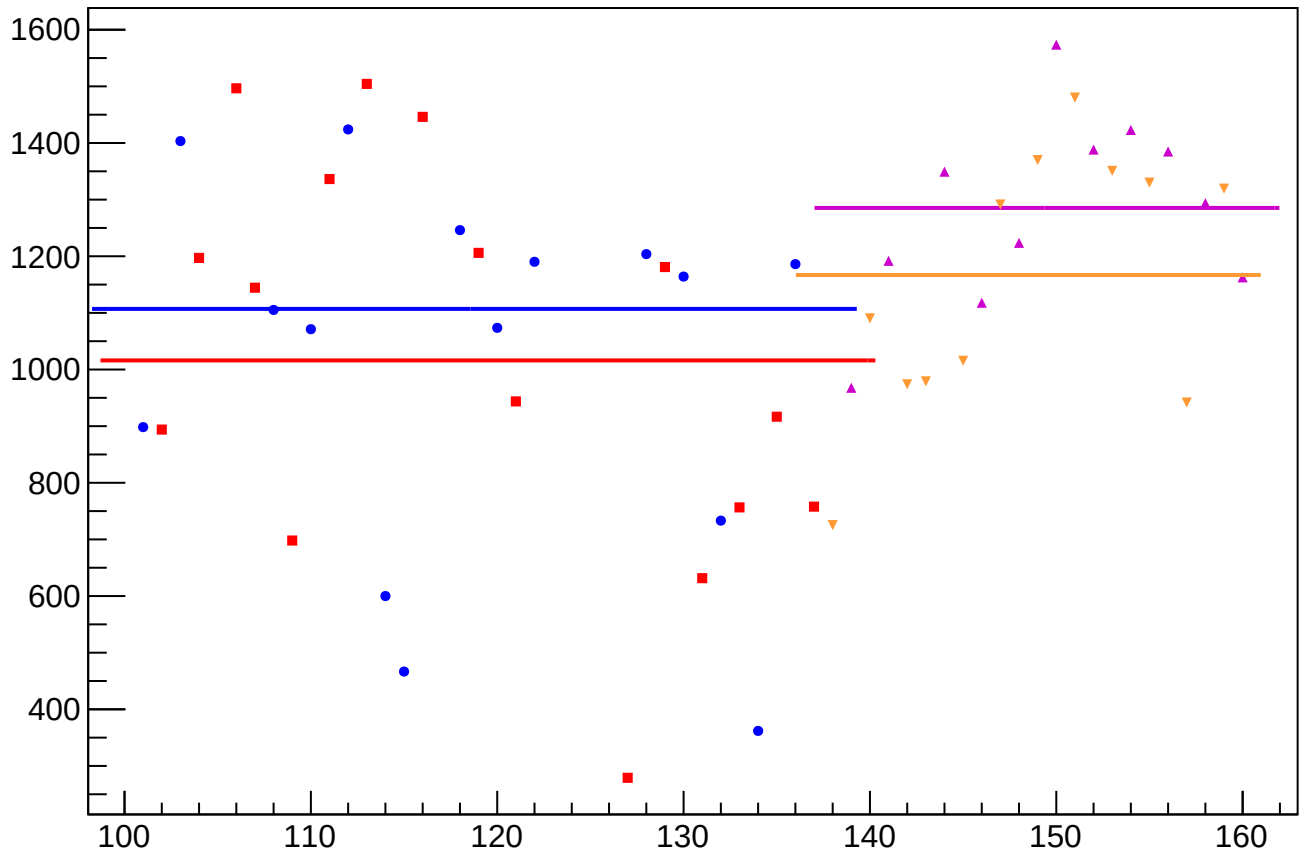
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



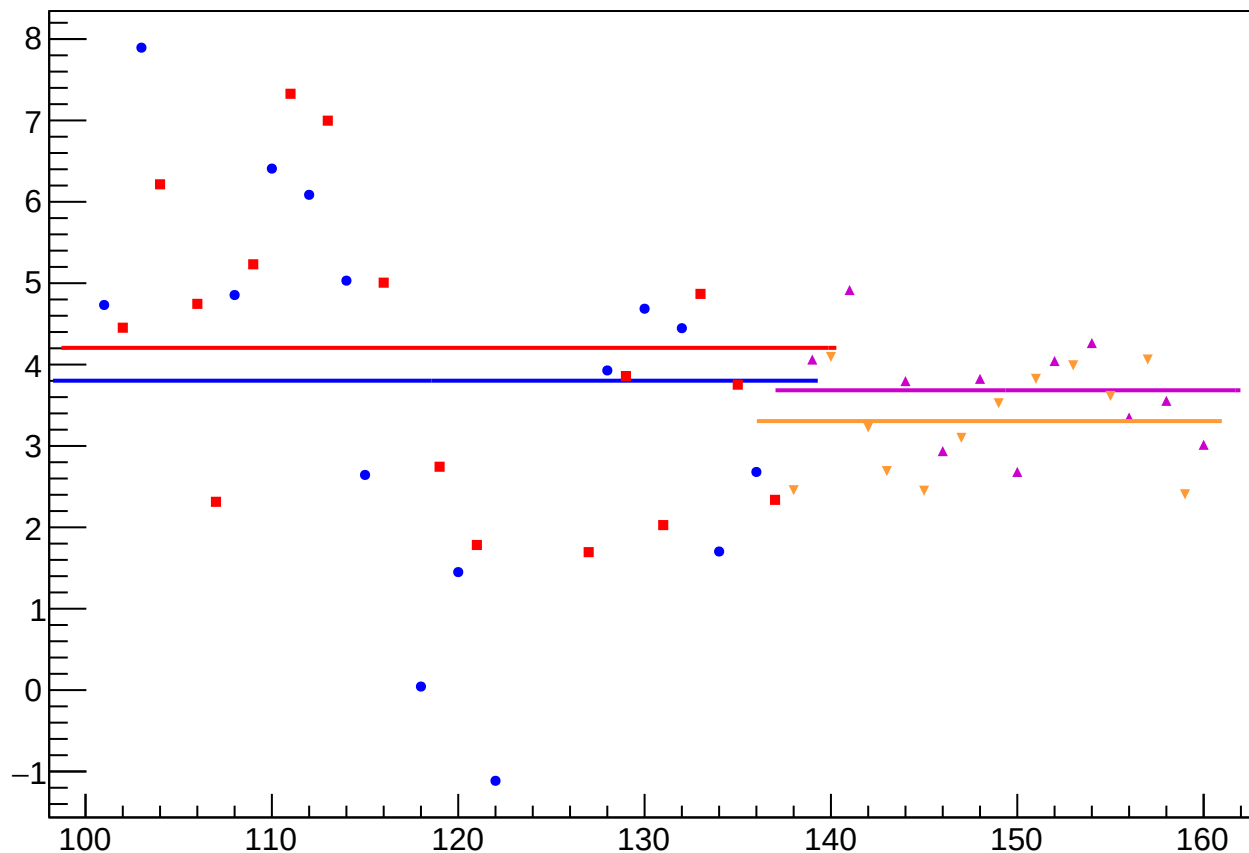
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_4eX_coil4_mean vs Slug



Right In: 3.802 ± 0.000

χ^2/NDF : 3795476074398338930564700657680384.0/14

Left Out: 3.305 ± 0.000

χ^2/NDF : 375514605339805624898679558111232.0/11

Right Out: 4.206 ± 0.000

χ^2/NDF : 2096427813341454573332265183477760.0/15

Left In: 3.684 ± 0.000

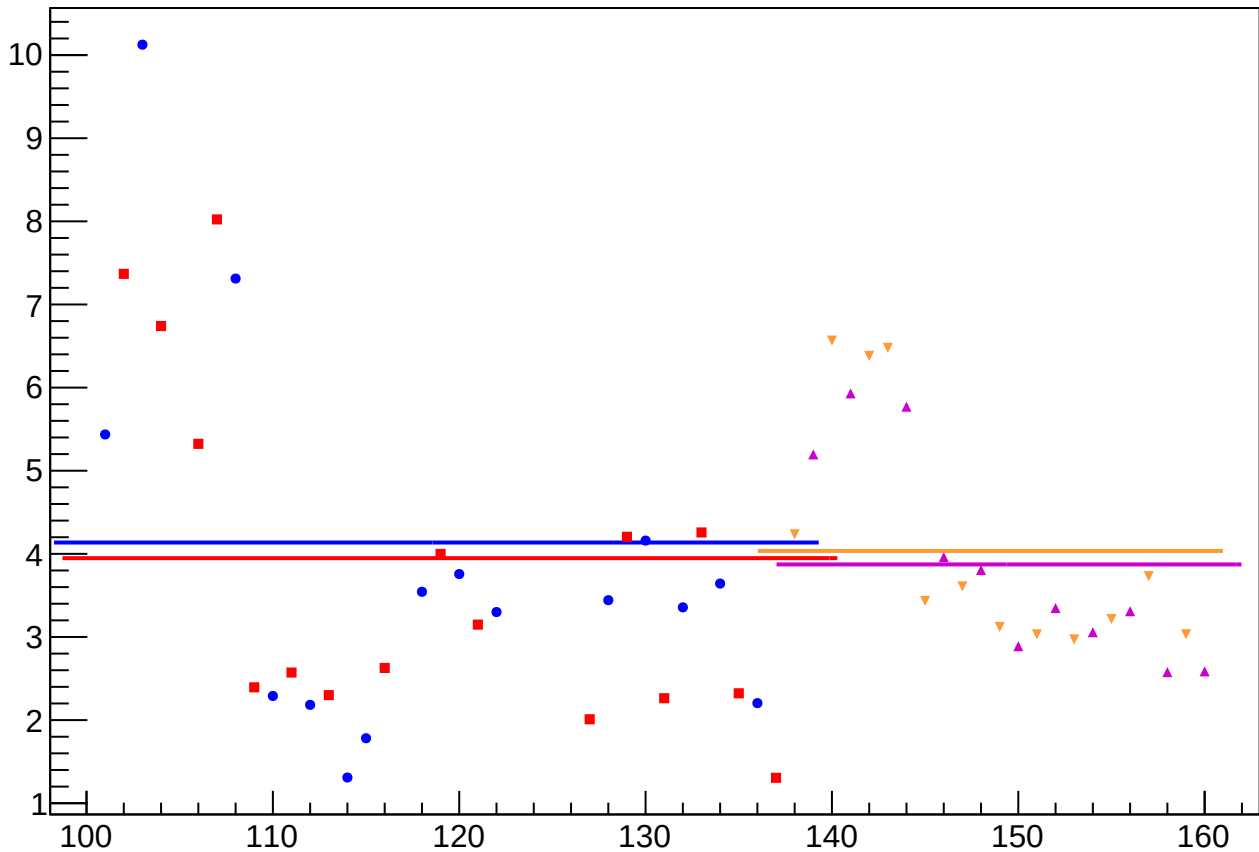
χ^2/NDF : 366001419656422310601850072596480.0/10

+ sign 3.512 ± 0.000 χ^2/NDF : 42645411605619782

All: 3.709 ± 0.000 χ^2/NDF : 69529778539001

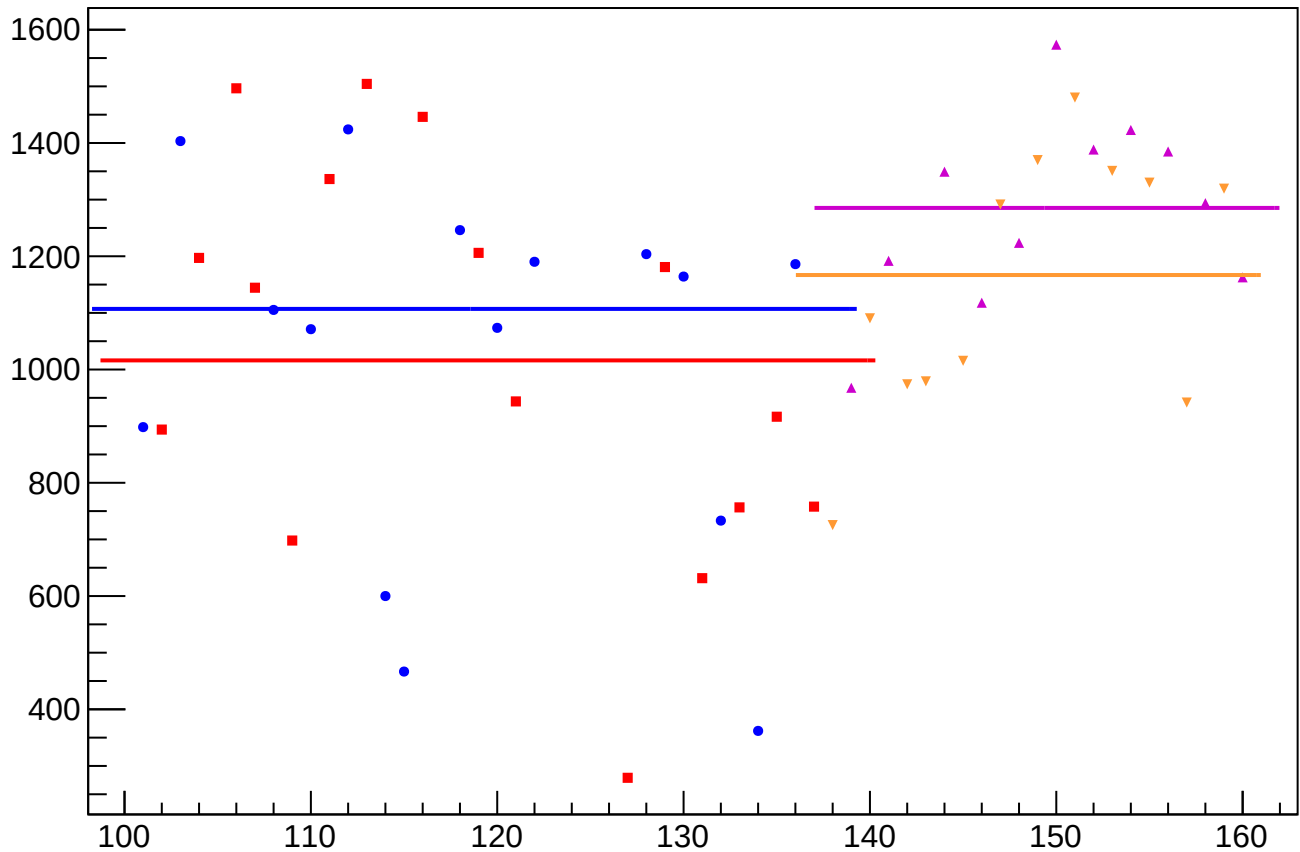
- sign 3.903 ± 0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug

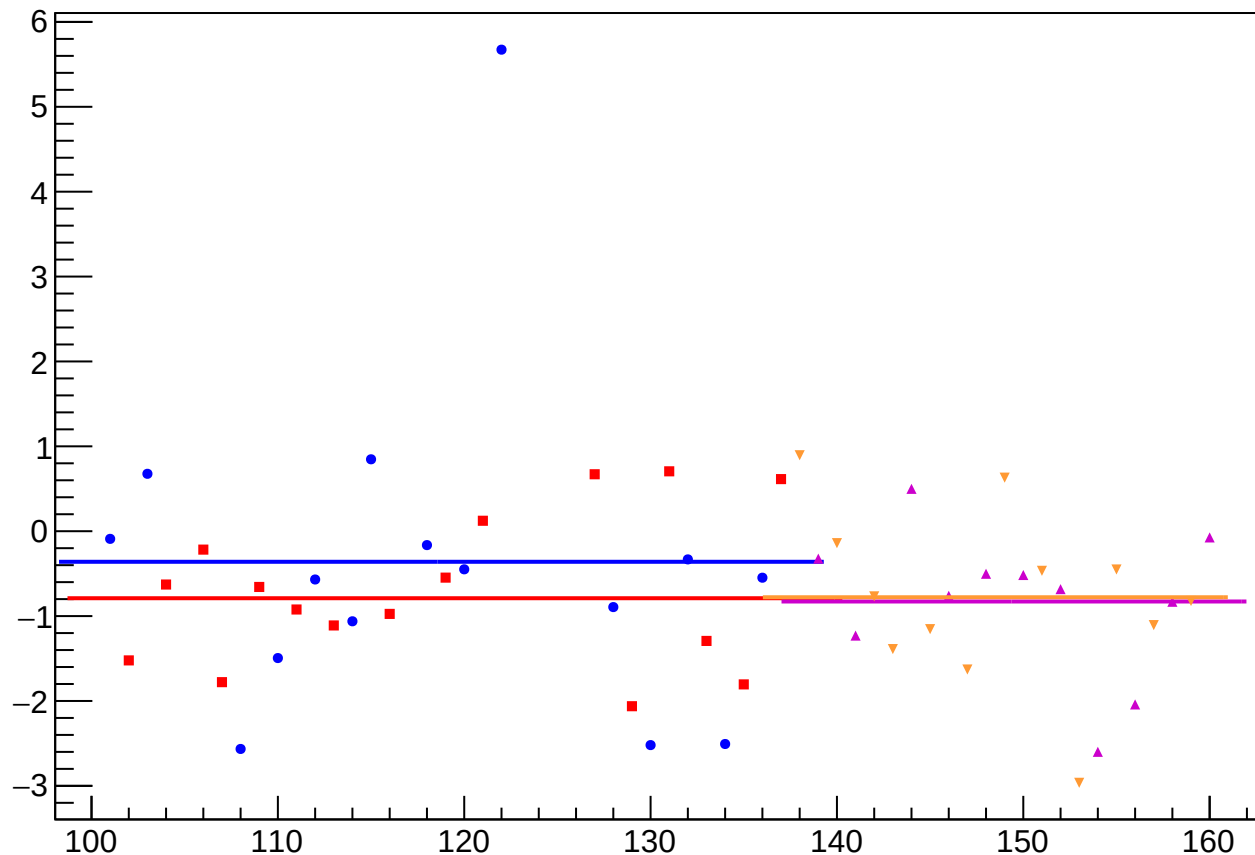


Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



dit_11X12X_coil4_mean vs Slug



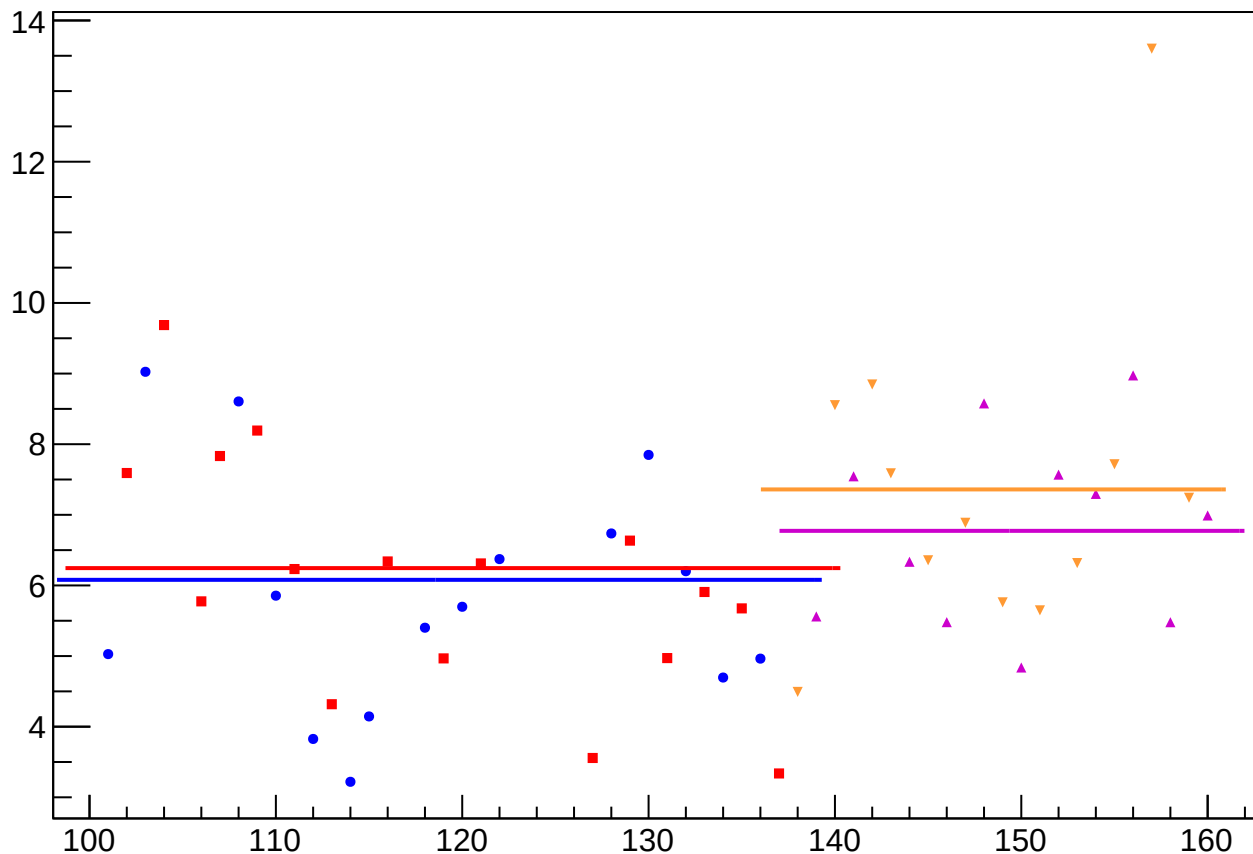
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778+/-0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.360+/-0.000 χ^2/NDF : 4580380755239365503585140070154240.0/11

Right Out: 6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

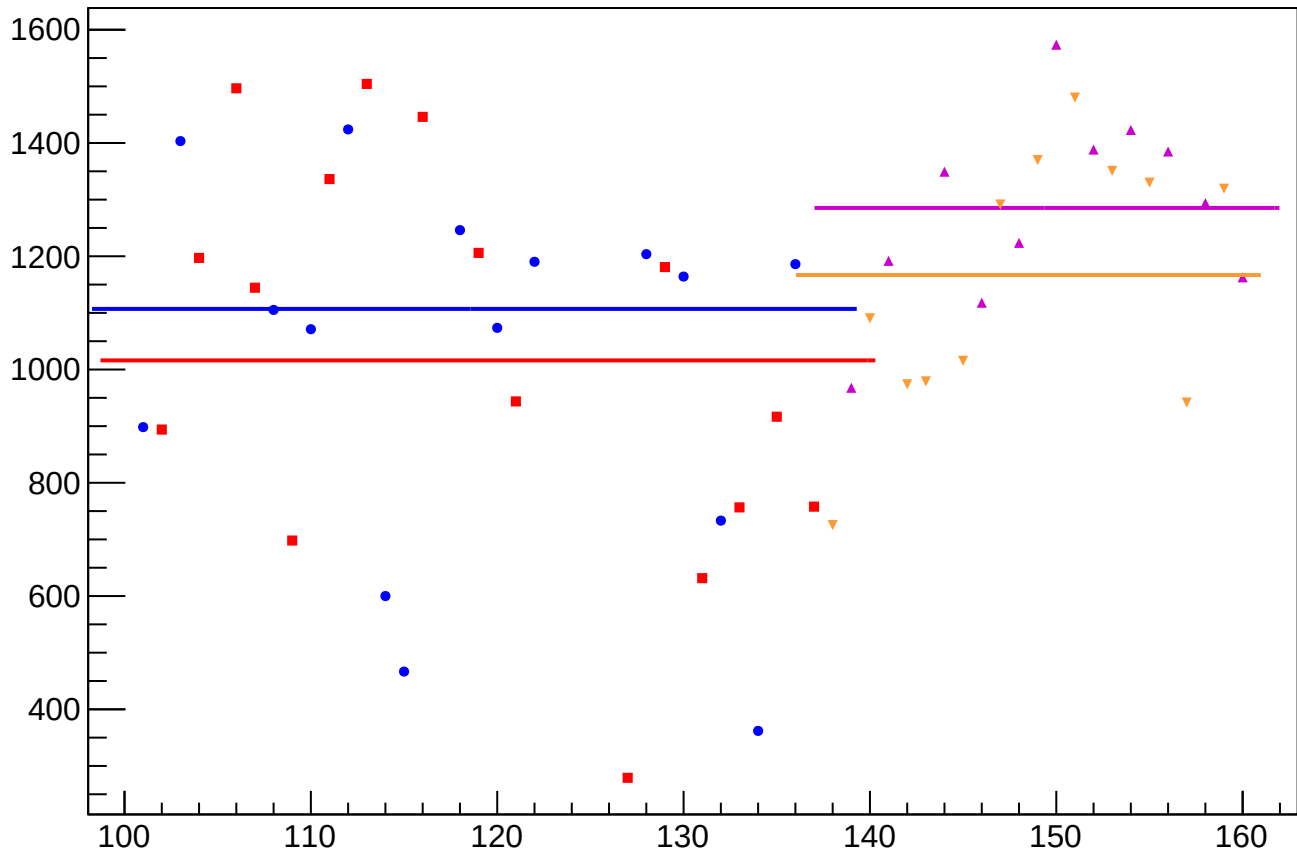
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

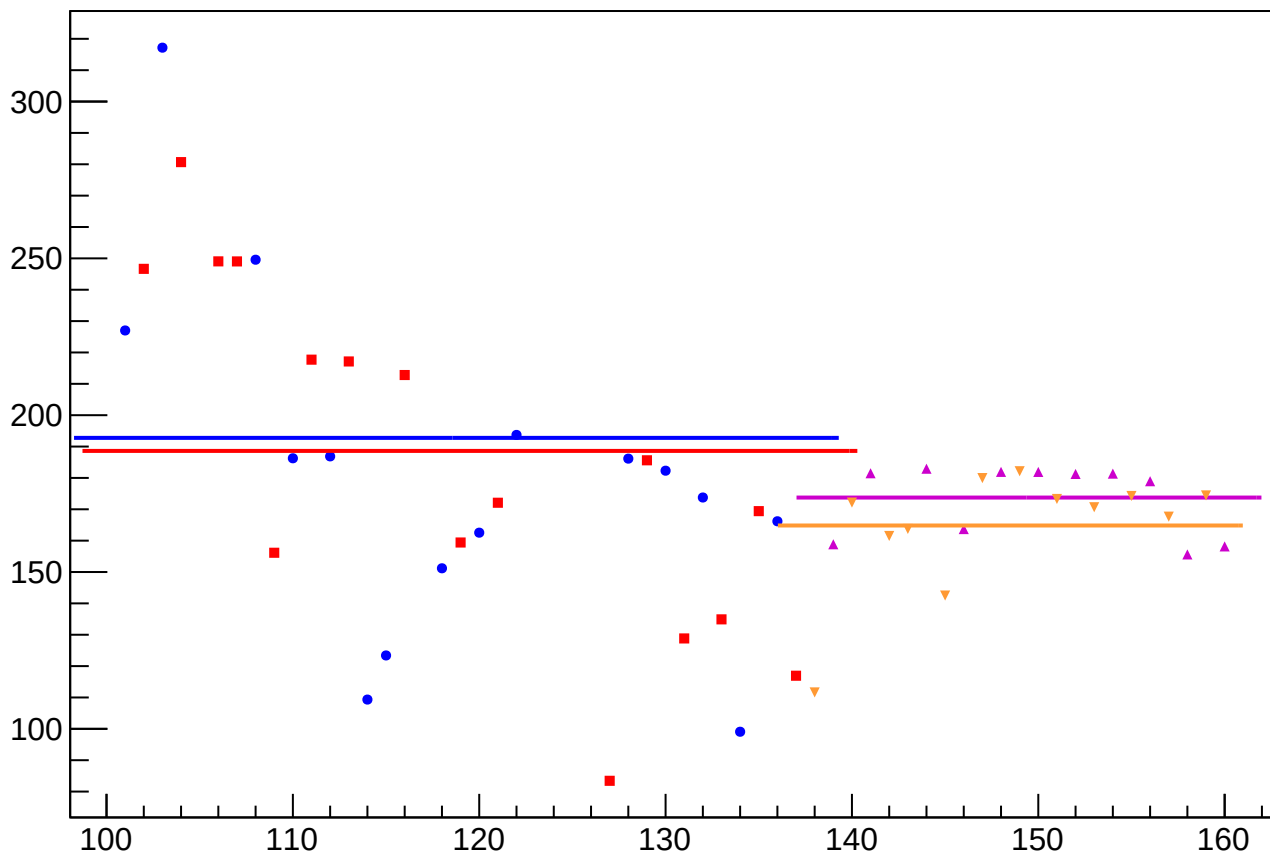
- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392+/-0.000 χ^2/NDF : 21202911442.0/10
 + sign 1142.031+/-0.000 χ^2/NDF : 86643588377316.0/10
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625.0/10

dit_4aY_coil4_mean vs Slug



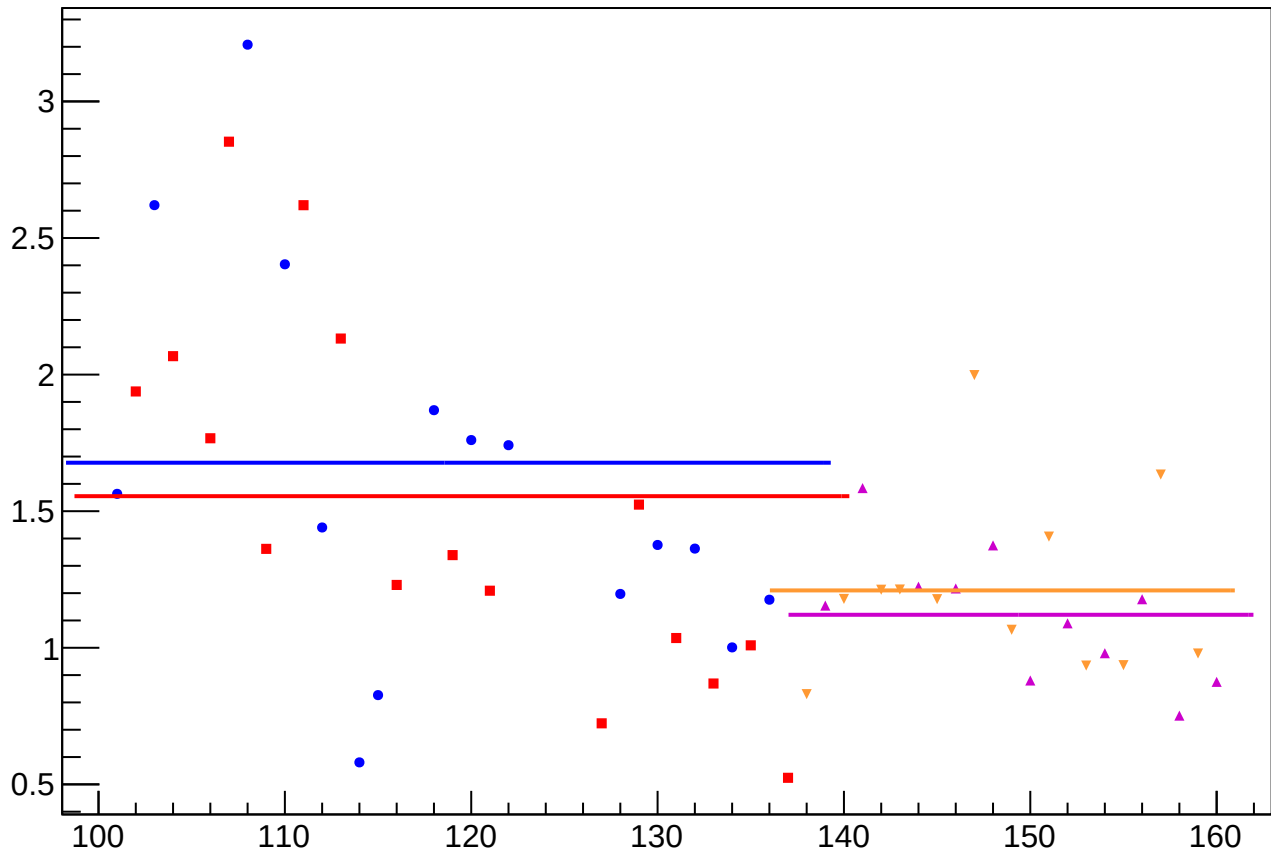
Right In: 192.771 ± 0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832 ± 0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612 ± 0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: 173.738 ± 0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



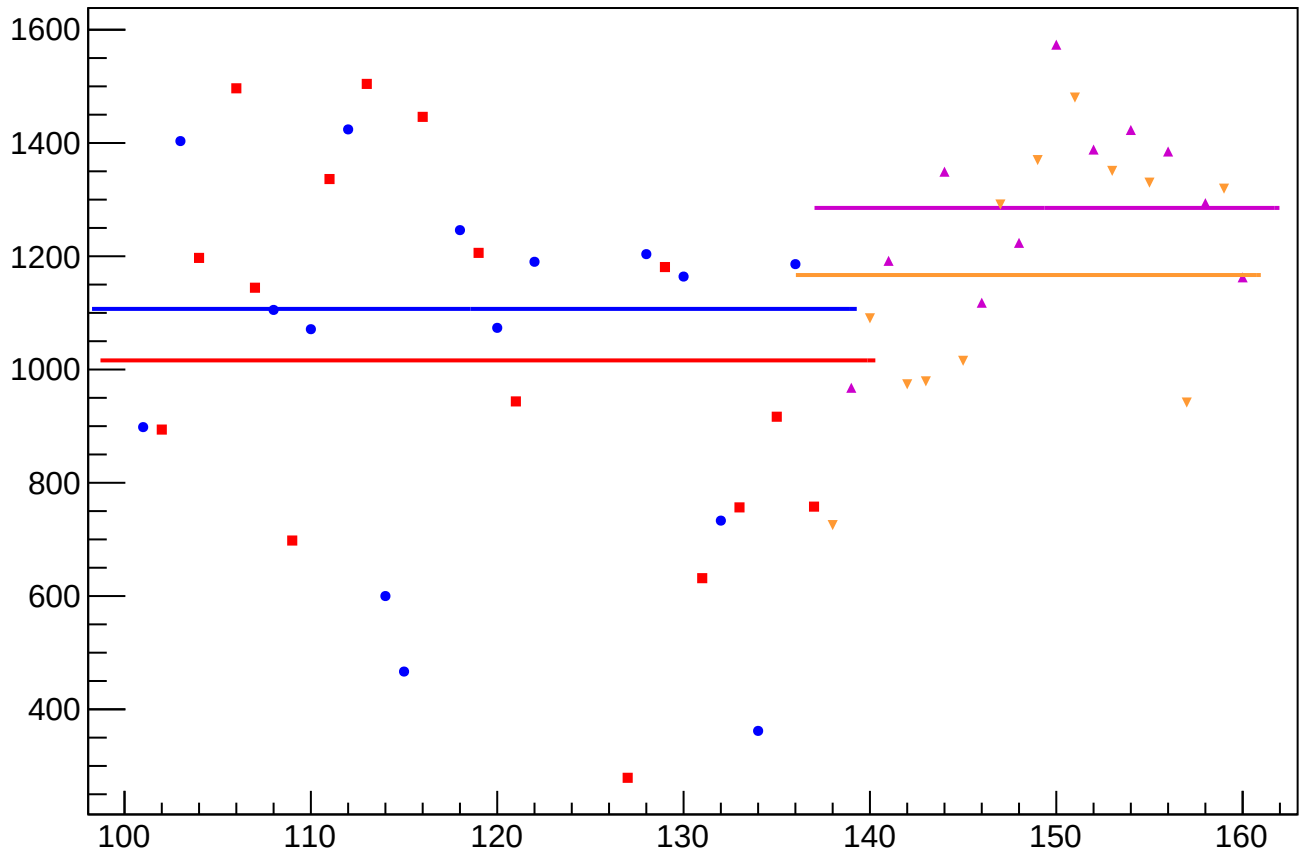
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.210 $\pm$ 0.000 χ^2 /NDF: 95500502458420026672384705560576.0/11

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

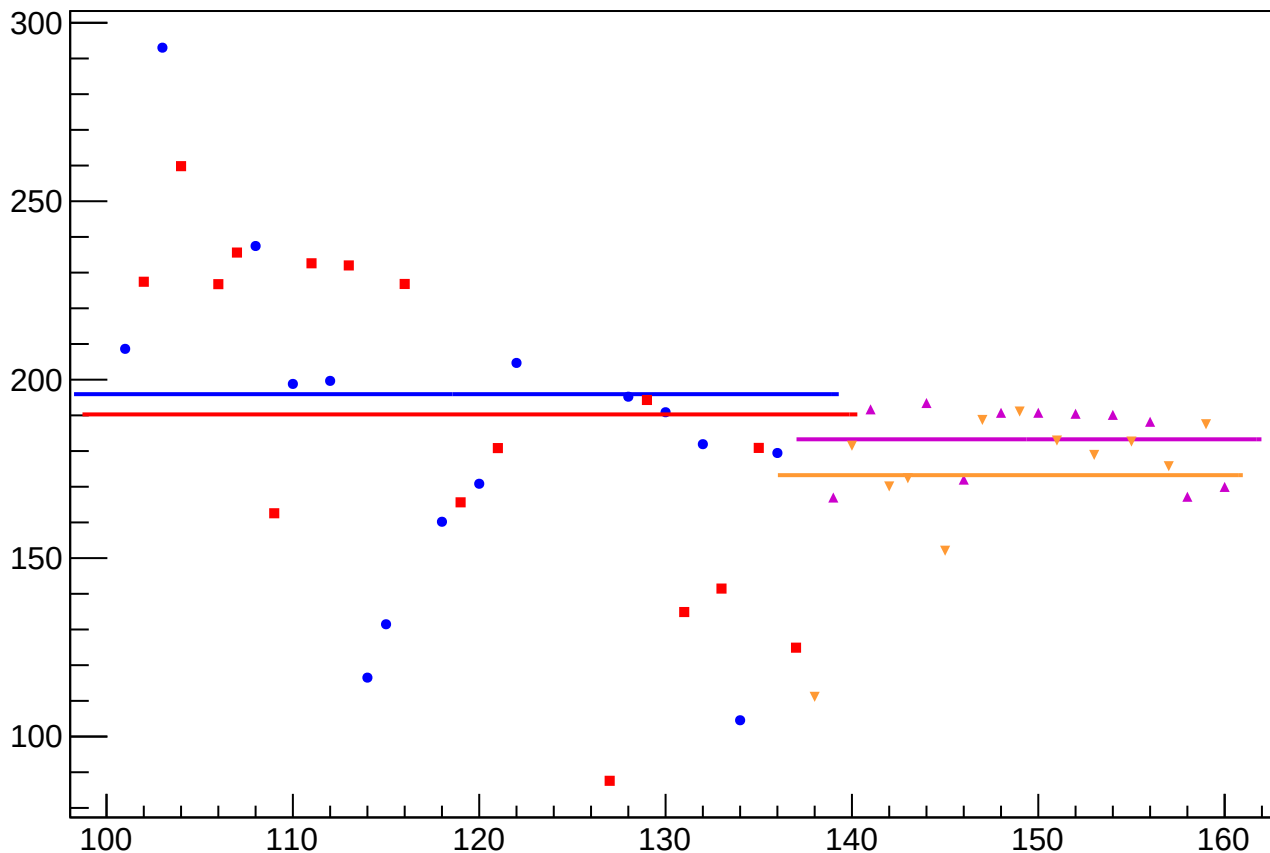
Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF : 421189743022312956779621222954565632.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

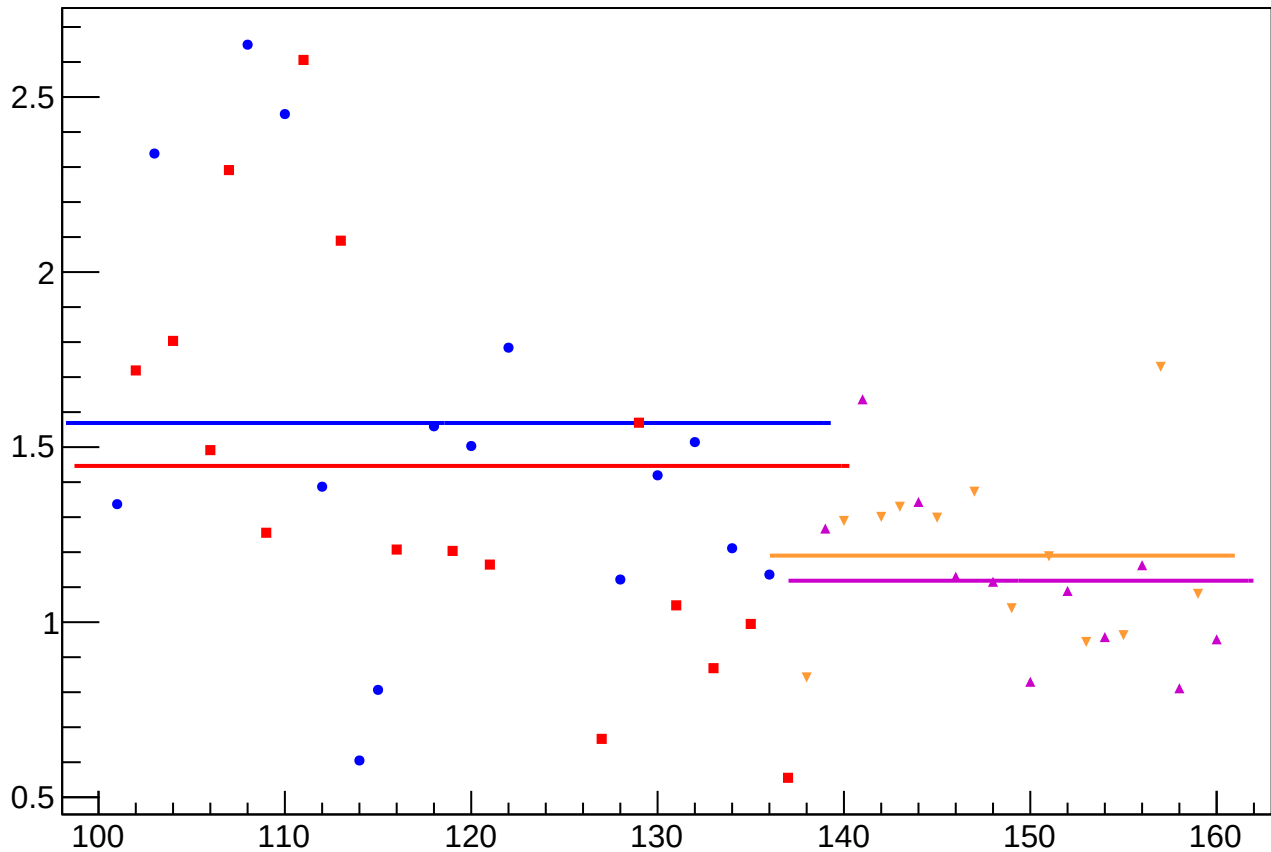
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.669+/-0.000 χ^2/NDF : 167456742062075

All: 184.458+/-0.000 χ^2/NDF : 327355677904

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.190 $\pm$ 0.000 χ^2 /NDF: 50745822936032217336144814145536.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

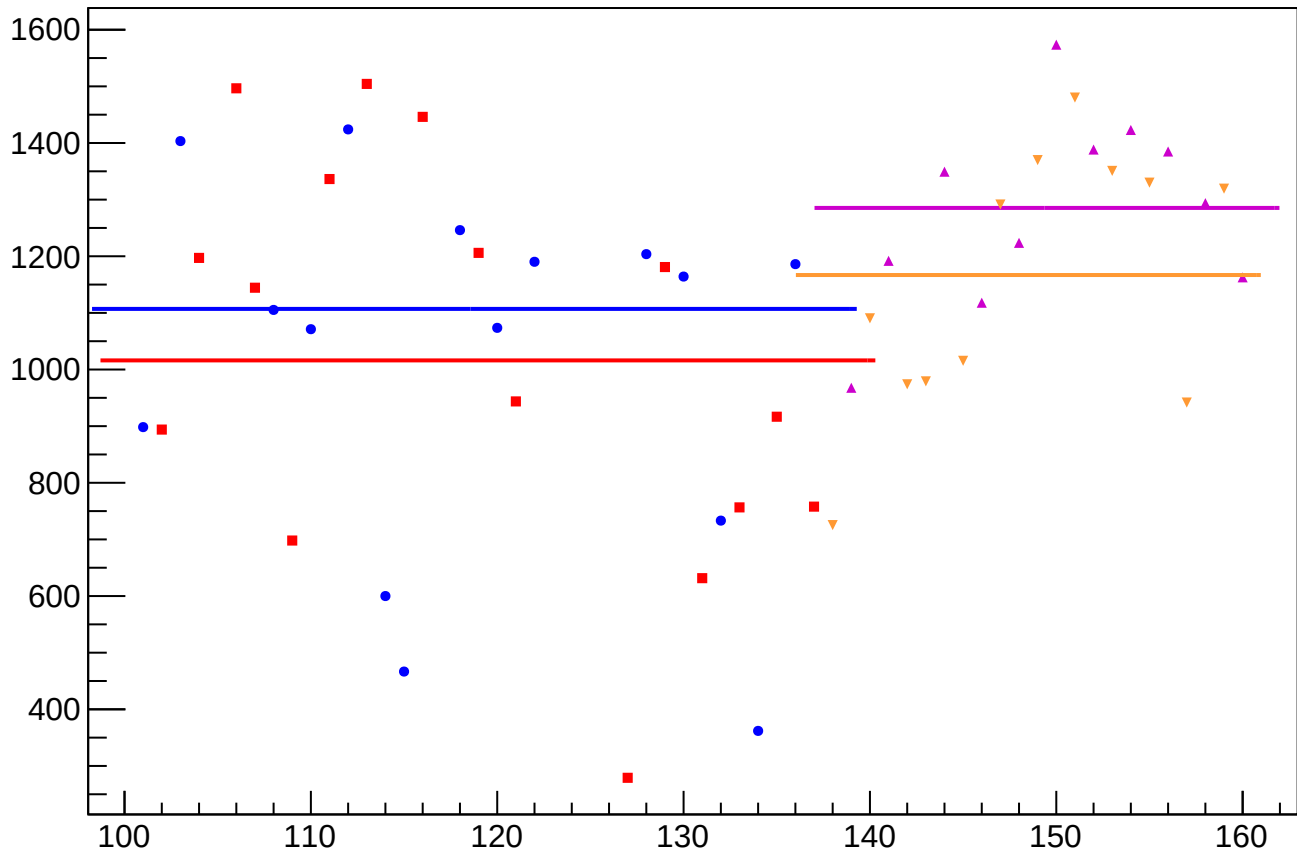
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

+ sign 1.347 $\pm$ 0.000 χ^2 /NDF: 26805645085959175

All: 1.301 $\pm$ 0.000 χ^2 /NDF: 56157588721998

- sign 1.256 $\pm$ 0.000 χ^2 /NDF: 28690992559145743

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

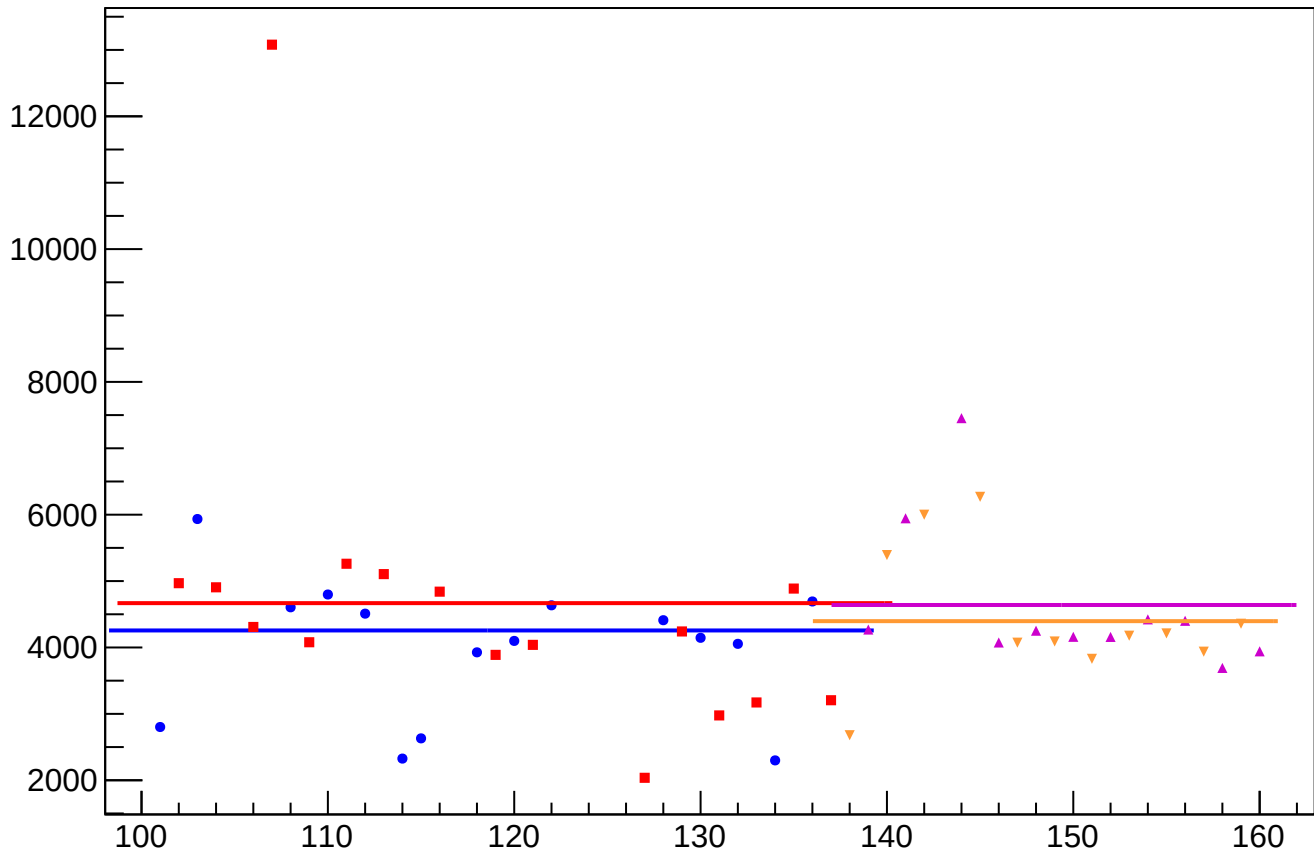
Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

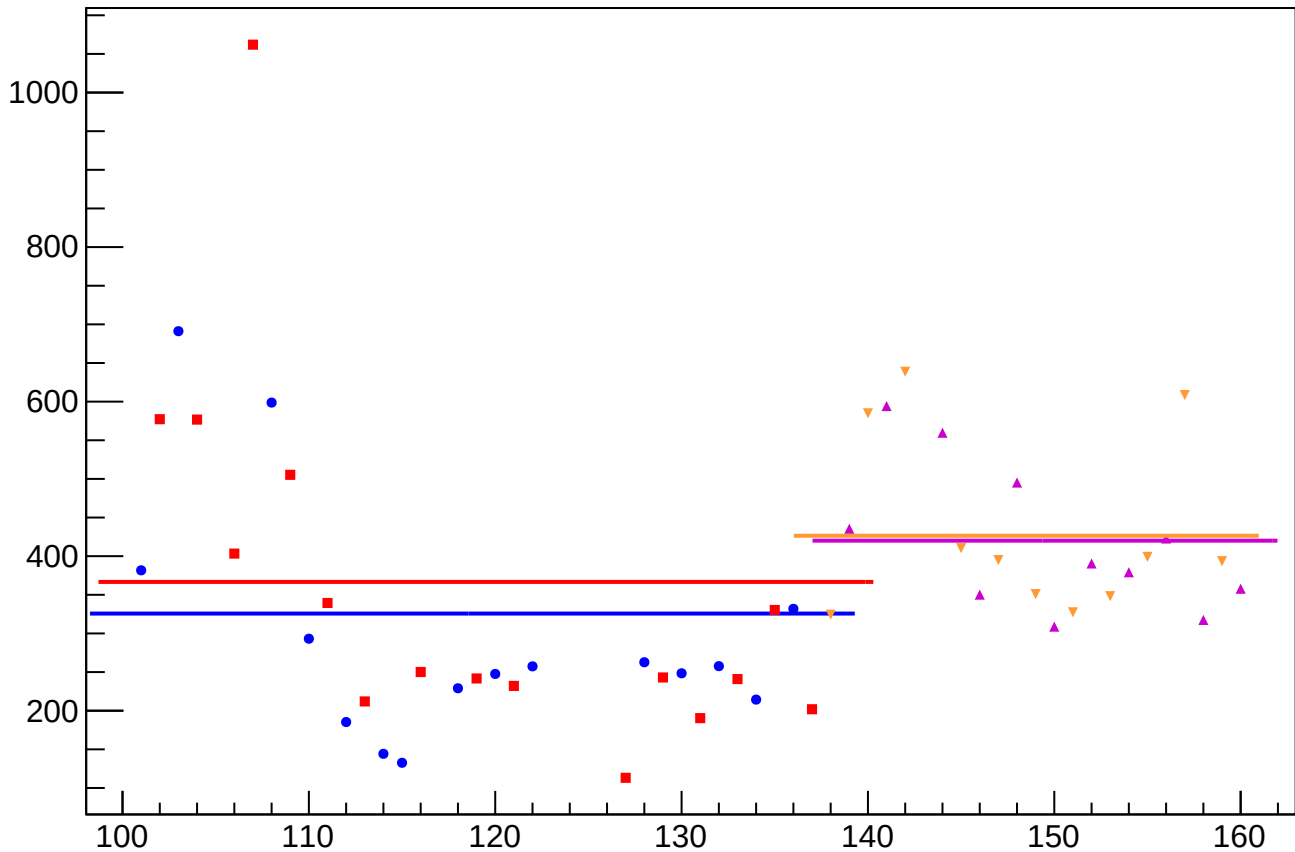
+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316
 All: 1157.392+/-0.000 χ^2/NDF : 21202911442
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_usl_coil4_mean vs Slug



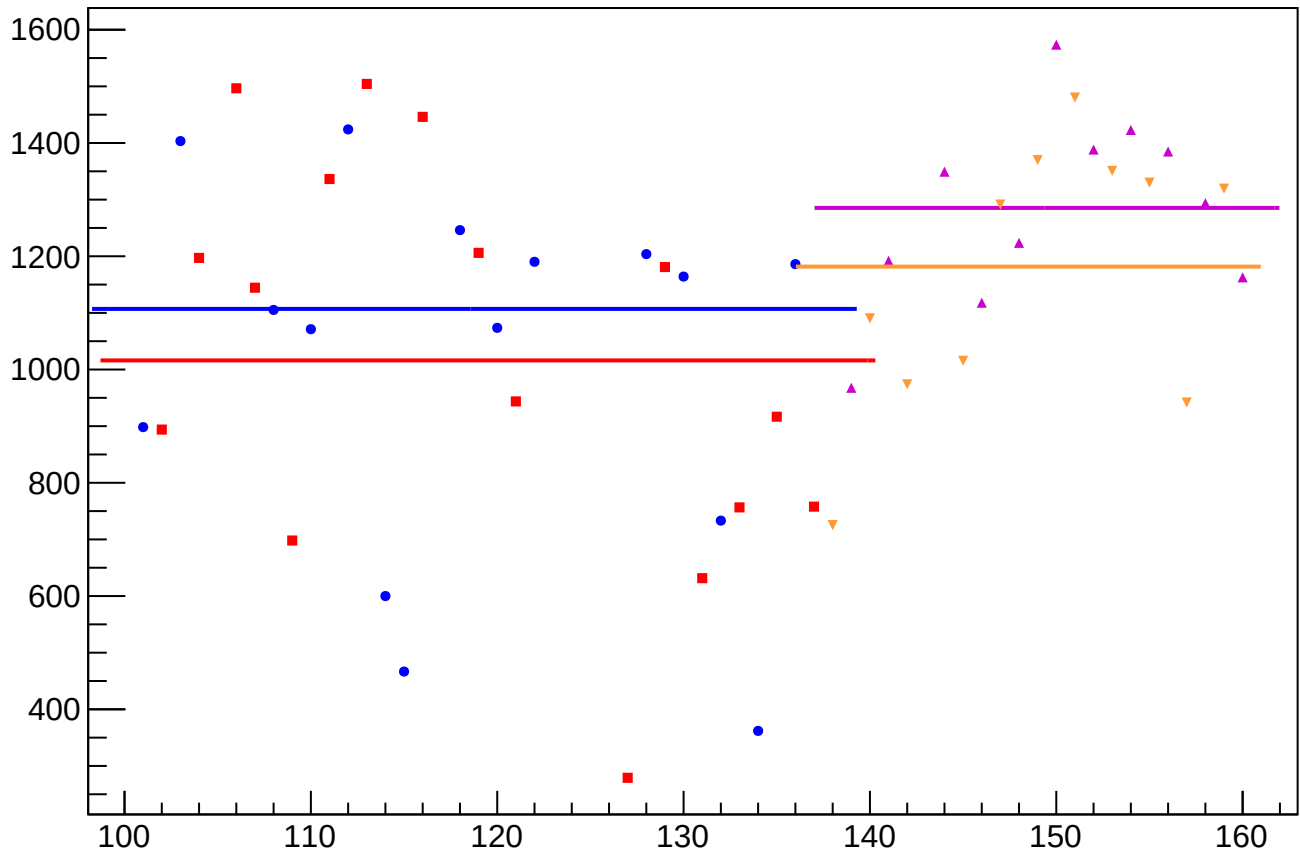
Right In: 4256.386 $\pm$ 0.000 χ^2 /NDF: 498605412551624859672454954159576186880.0/14
 Left Out: 4396.403 $\pm$ 0.000 χ^2 /NDF: 767686308157486440179100240552638021632.0/10
 Right Out: 4667.832 $\pm$ 0.000 χ^2 /NDF: 3201925535782807450320951772159309512704.0/15
 Left In: 4639.846 $\pm$ 0.000 χ^2 /NDF: 1058446303743243170530981239939506634752.0/10

dit_usl_coil4_err_mean vs Slug



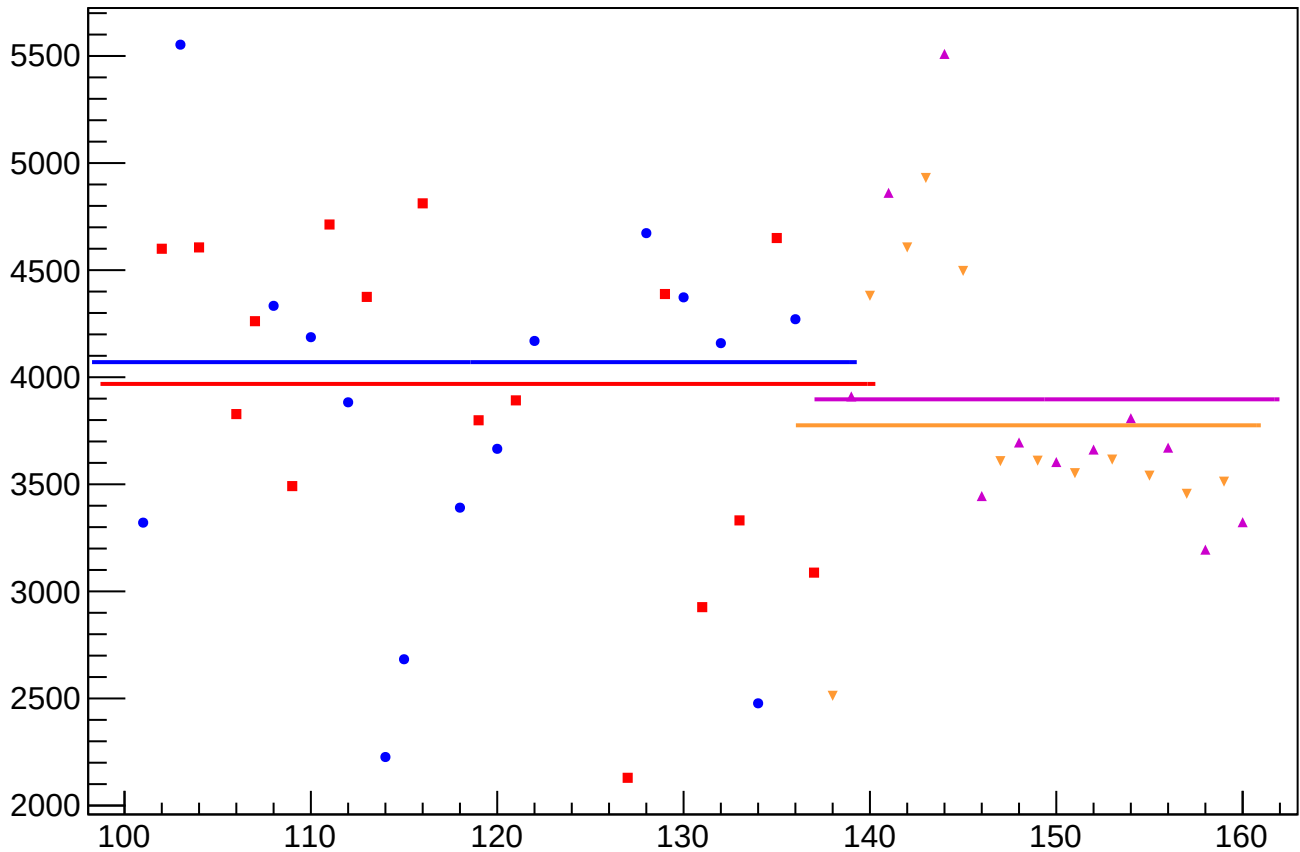
Right In: 325.732+/-0.000	χ^2/NDF : 14633359567940244123897242769854300160.0/14	+ sign 382.754+/-0.000	χ^2/NDF : 279252260301187
Left Out: 426.446+/-0.000	χ^2/NDF : 9564737566607591468000084323542761472.0/10	All: 390.448+/-0.000	χ^2/NDF : 690046326749
Right Out: 366.682+/-0.000	χ^2/NDF : 32097250699947956409117440115398934528.0/15	- sign 397.684+/-0.000	χ^2/NDF : 409075450012092
Left In: 420.062+/-0.000	χ^2/NDF : 7706514276709269263404419491802644480.0/10		

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1149.328+/-0.000	χ^2/NDF : 84785409031720
Left Out: 1181.721+/-0.000	χ^2/NDF : 42102883856321275256821029062509068288.0/10	All: 1161.261+/-0.000	χ^2/NDF : 20985320309
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482+/-0.000	χ^2/NDF : 12465444911625
Left In: 1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10		

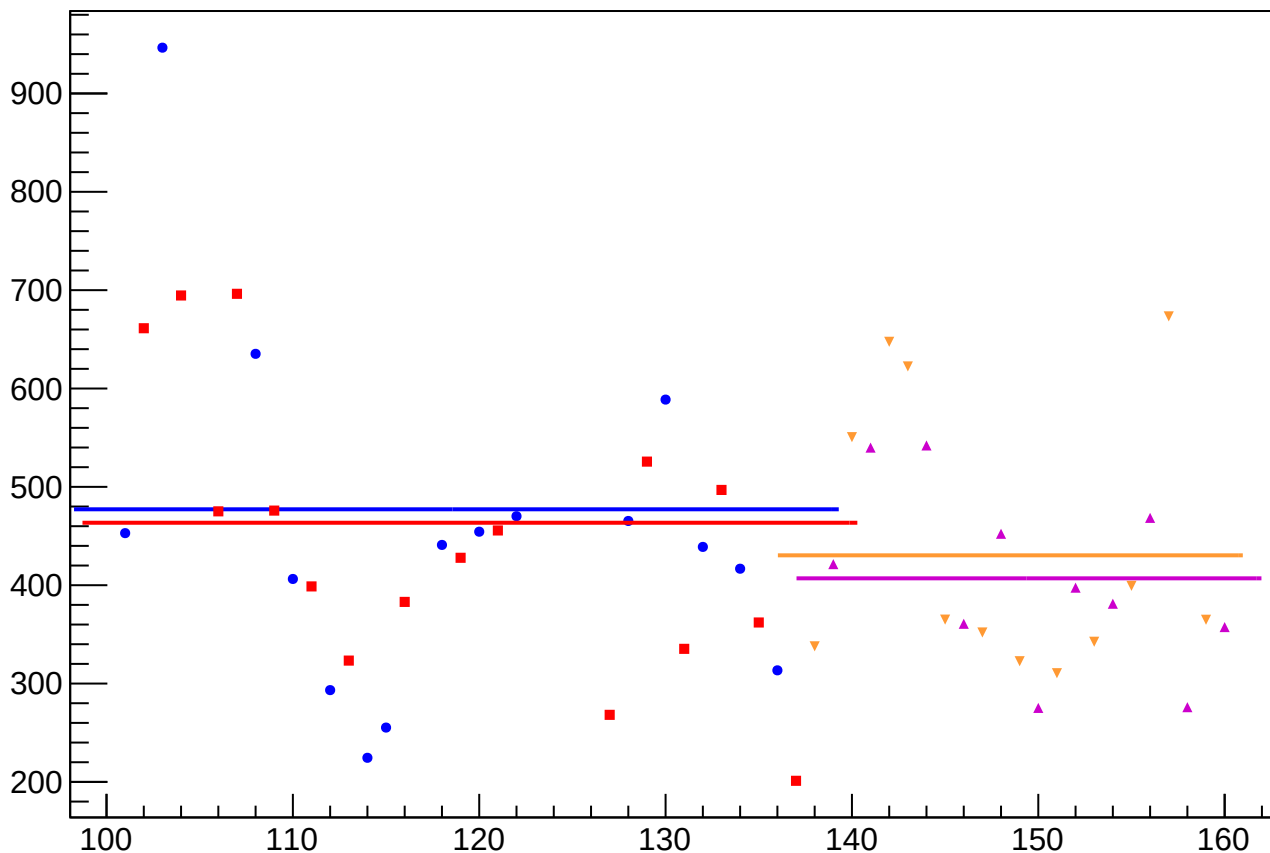
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3775.469+/-0.000	χ^2/NDF : 344611737456116155441573311529372090368.0/11
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 3896.757+/-0.000	χ^2/NDF : 412530714584693730225130204014353317888.0/10

+ sign 3897.950+/-0.000 χ^2/NDF : 72091549867108
 All: 3912.568+/-0.000 χ^2/NDF : 14960703302
 - sign 3926.928+/-0.000 χ^2/NDF : 77449278990952

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385+/-0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

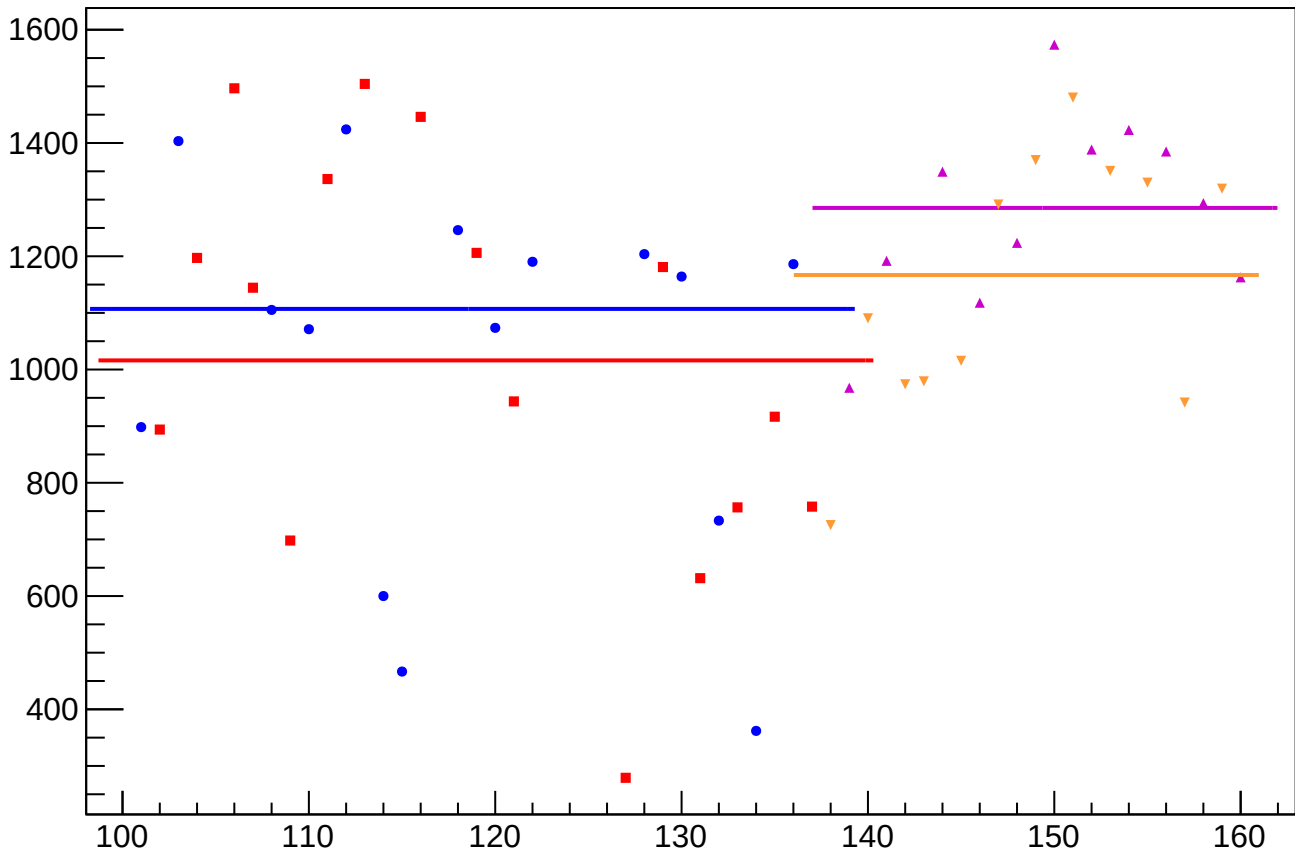
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

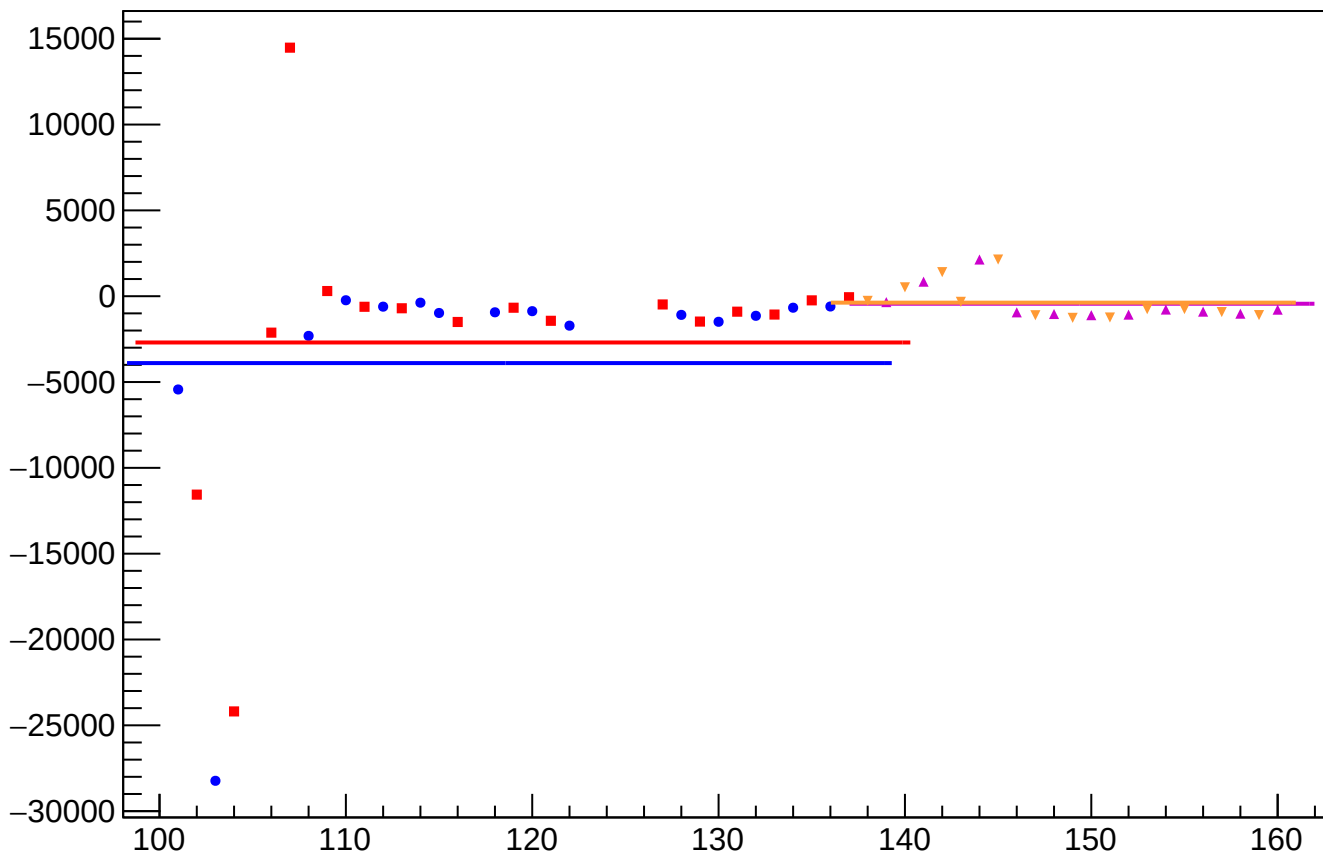
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



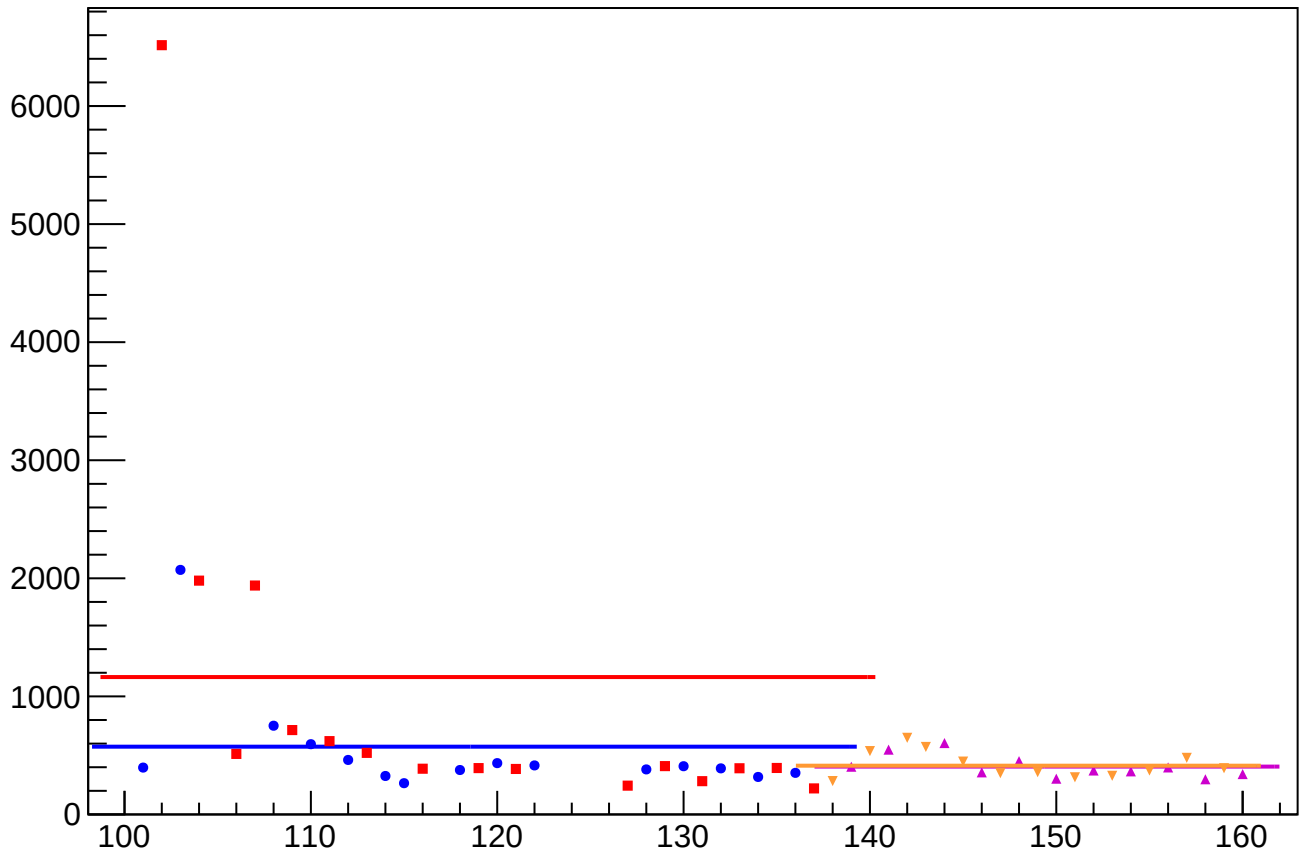
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



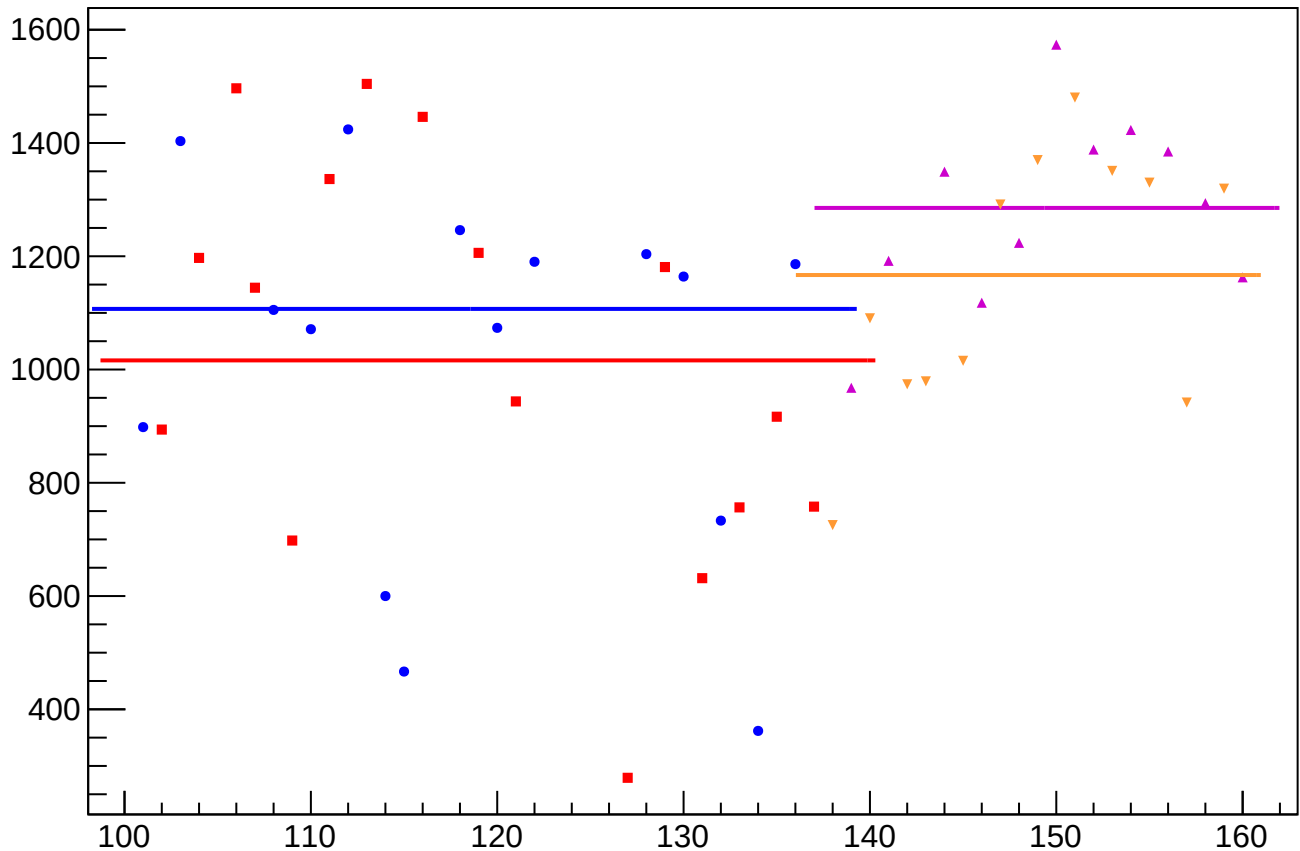
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430+/-0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug



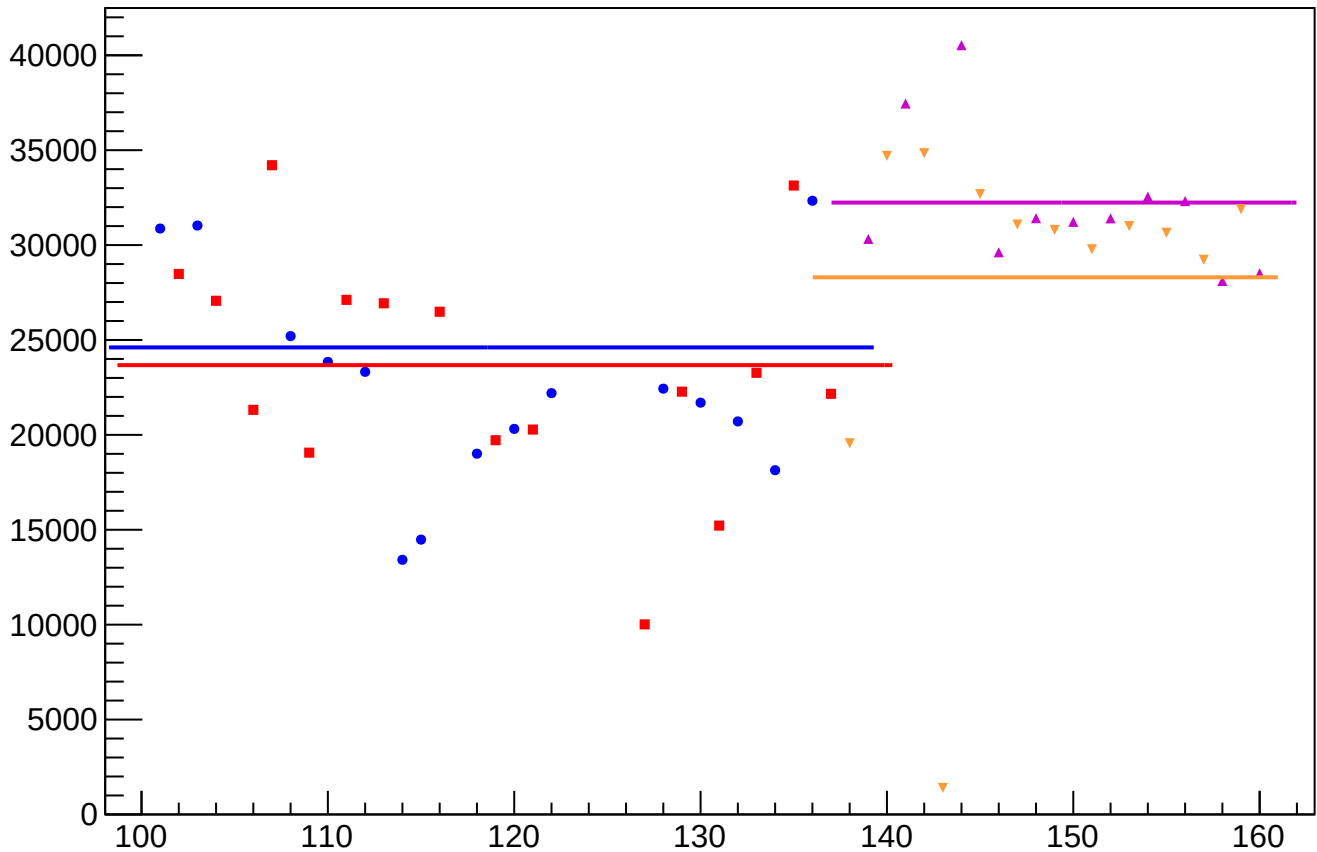
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017+/-0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

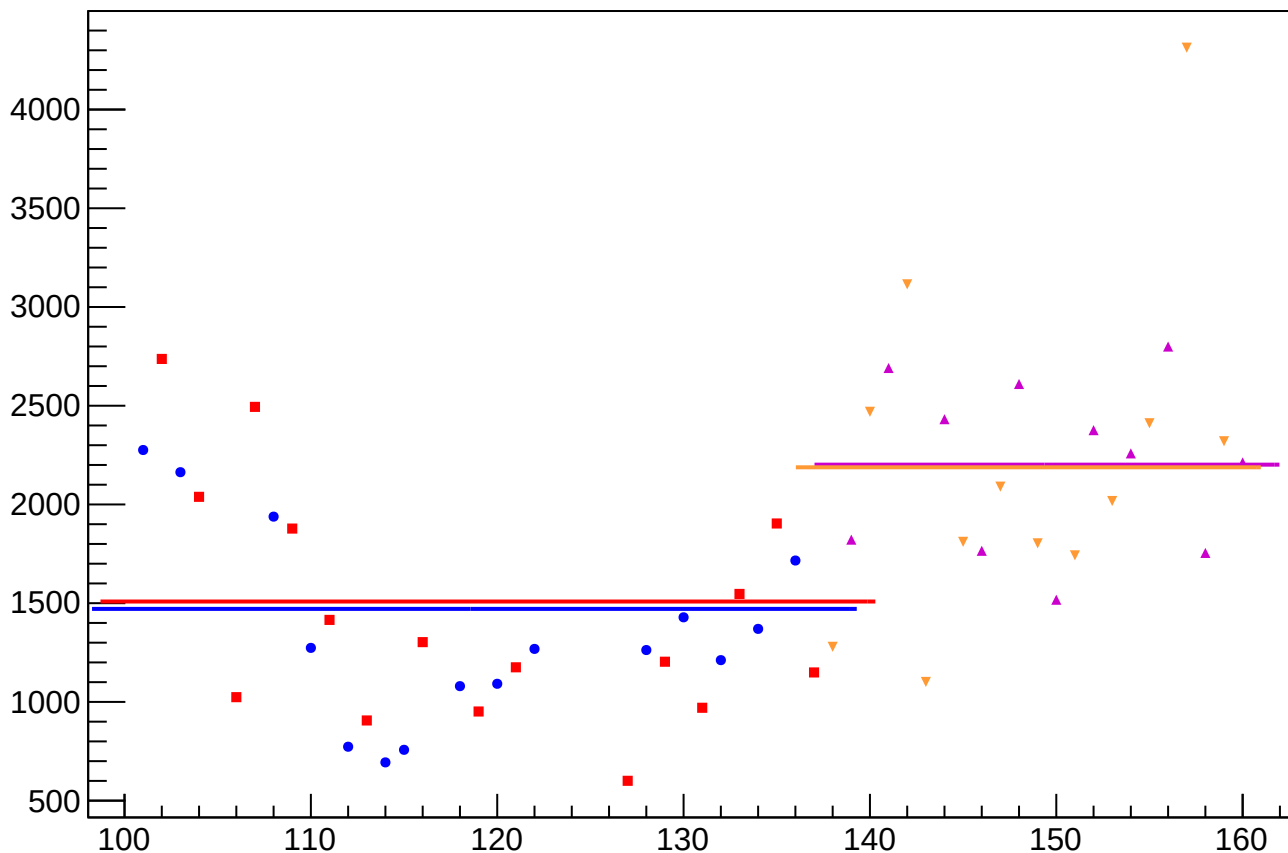
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851
 All: 27716.891+/-0.000 χ^2/NDF : 1554384105
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

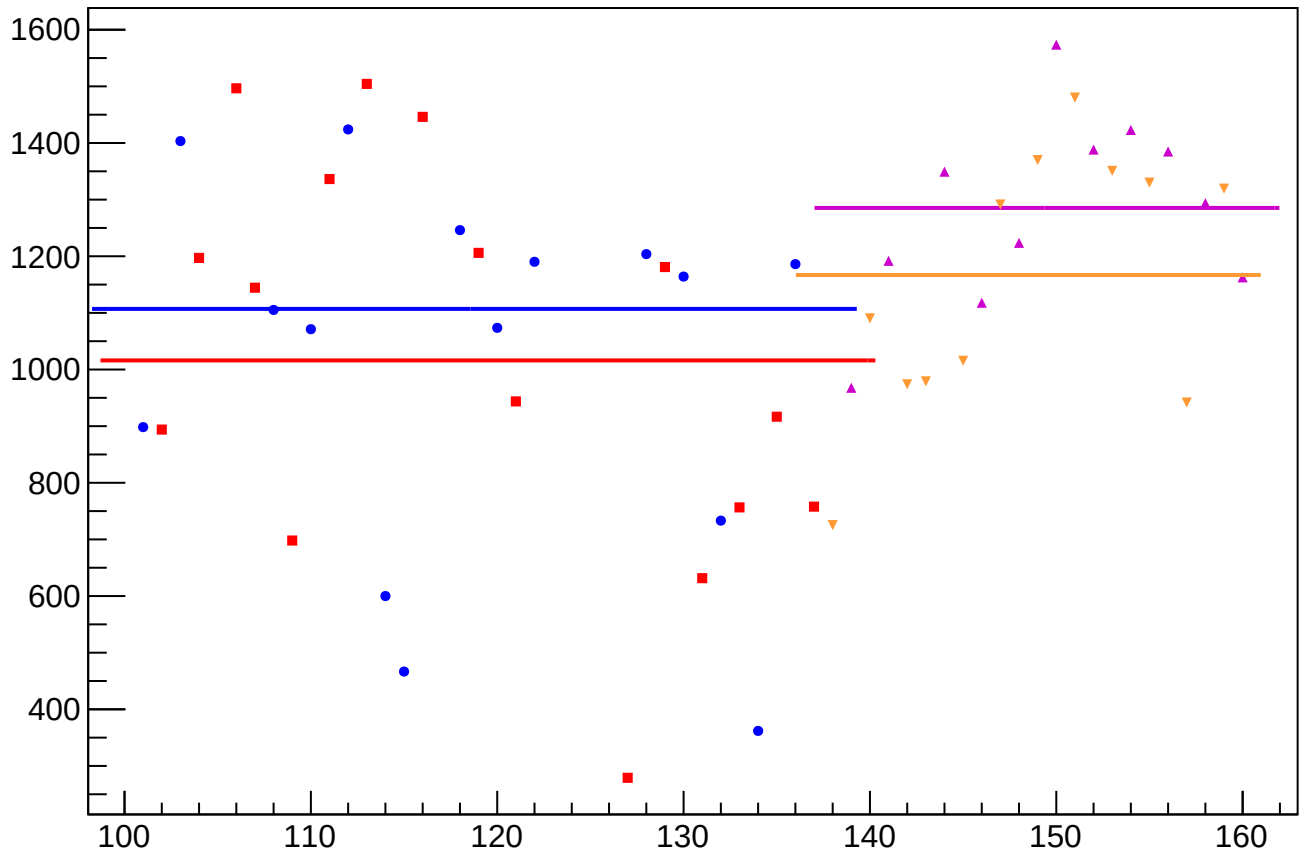
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

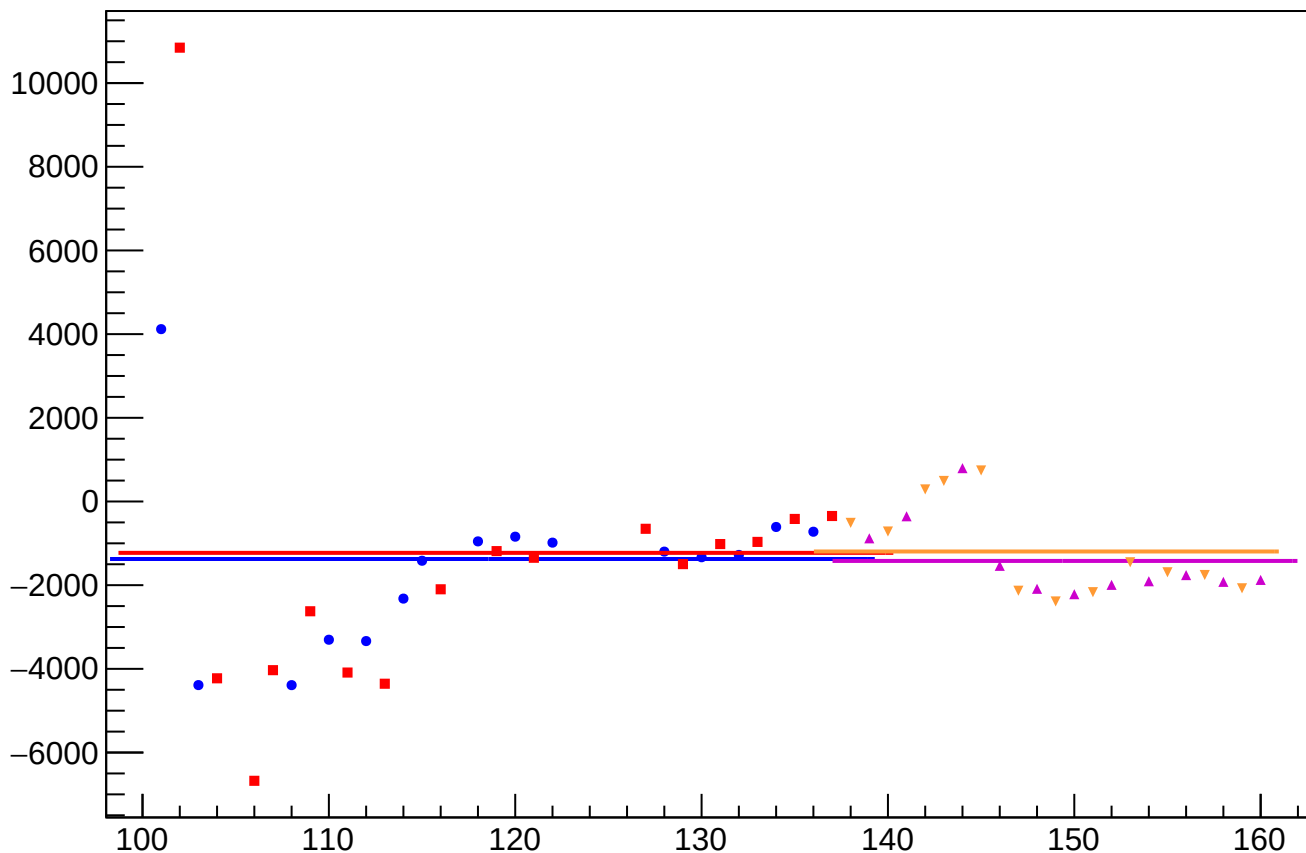
- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

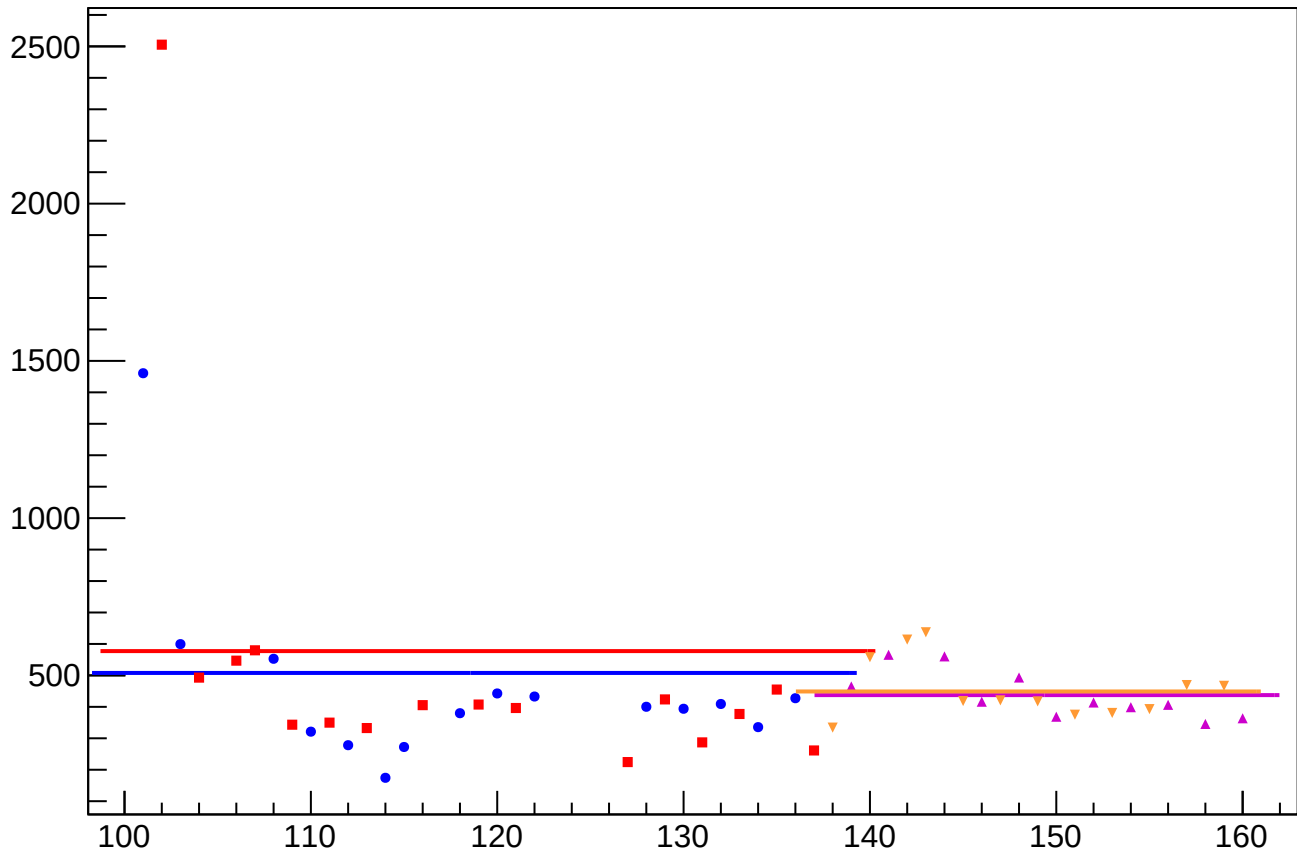
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1194.978+/-0.000	χ^2/NDF : 1012982164343735644721296583058593415168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1269.525+/-0.000 χ^2/NDF : 4097990392534
 All: -1305.037+/-0.000 χ^2/NDF : 1597961645
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.905+/-0.000 χ^2/NDF : 6972444969041725929744111494148128768.0/11

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

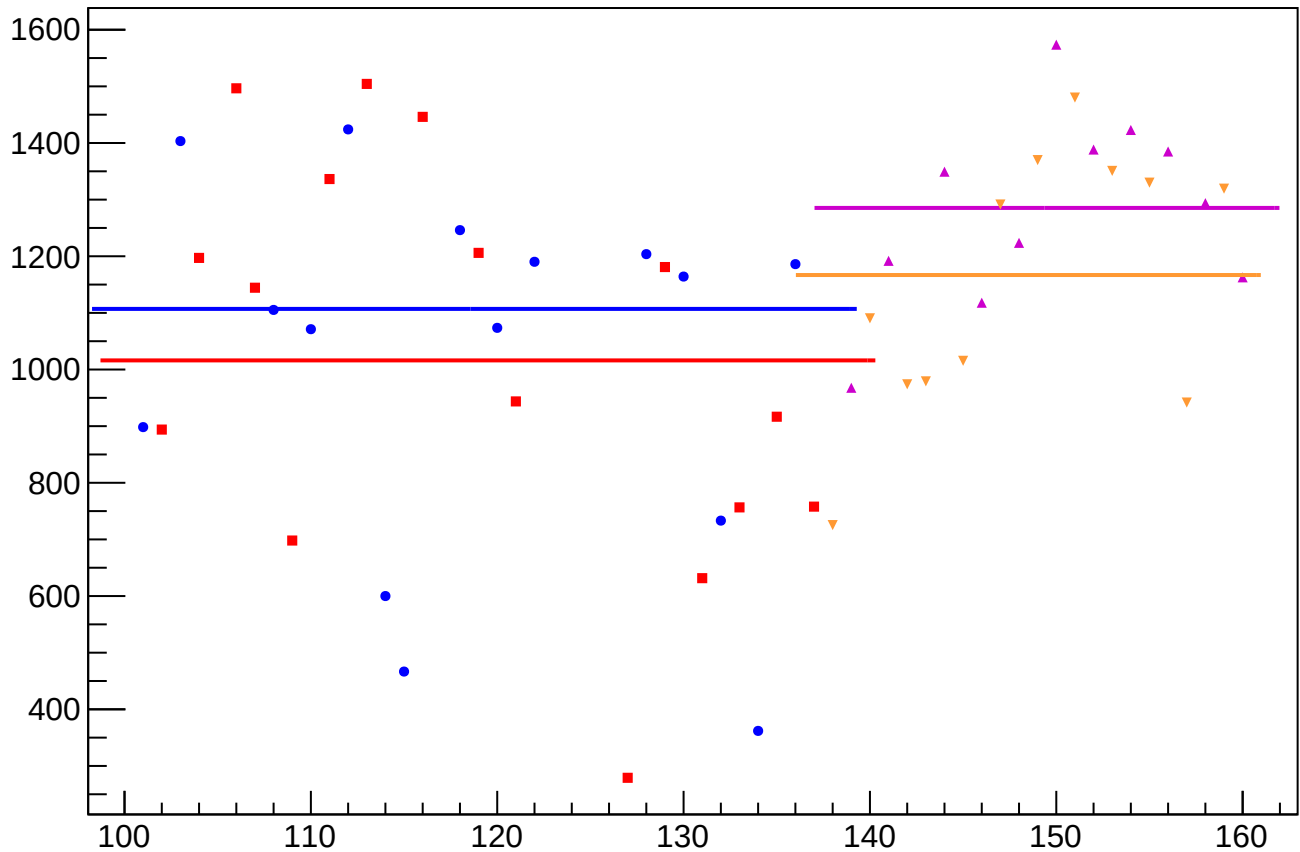
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

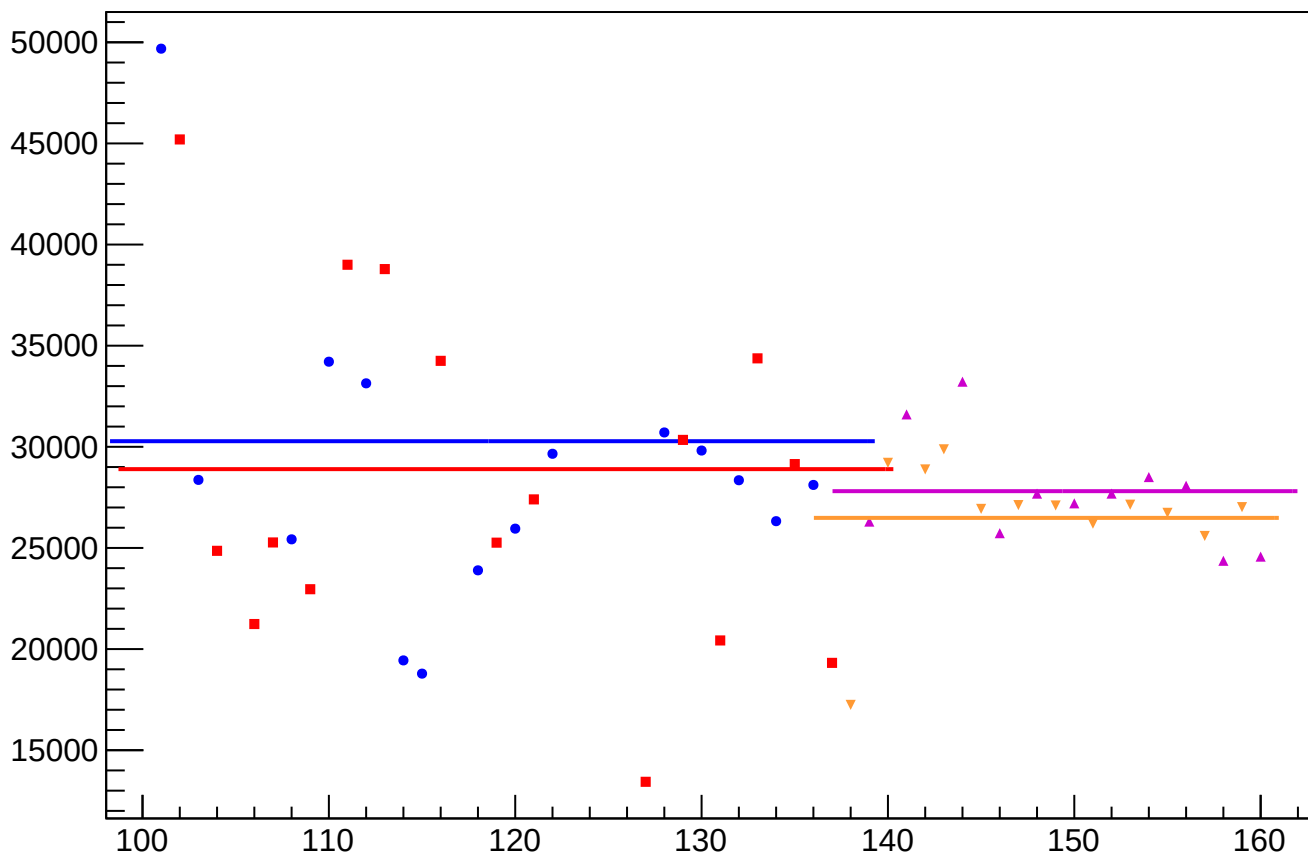
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

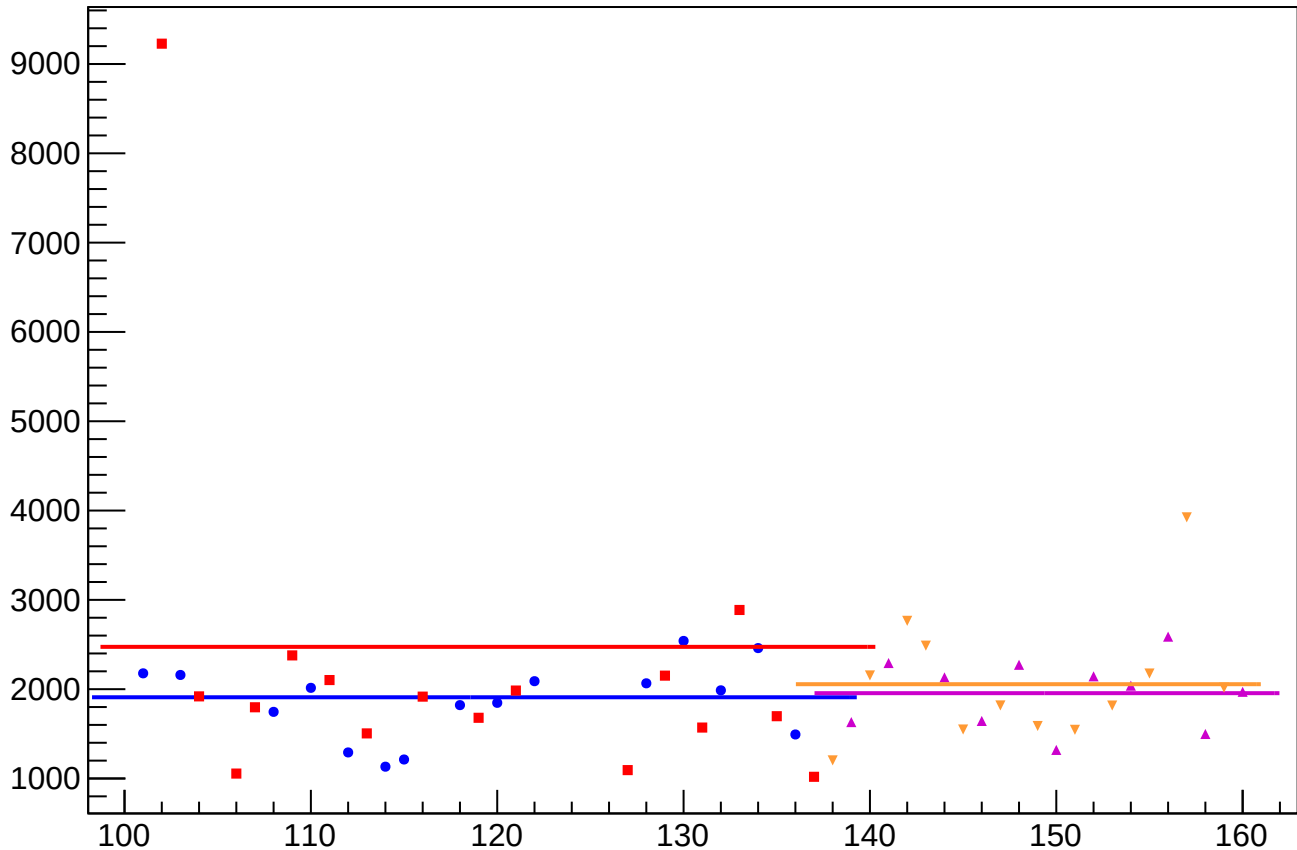
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26486.725+/-0.000	χ^2/NDF : 8520993483340987429131750717035884052480.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

+ sign 28060.820+/-0.000 χ^2/NDF : 4495105358177
 All: 28163.219+/-0.000 χ^2/NDF : 986055664
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

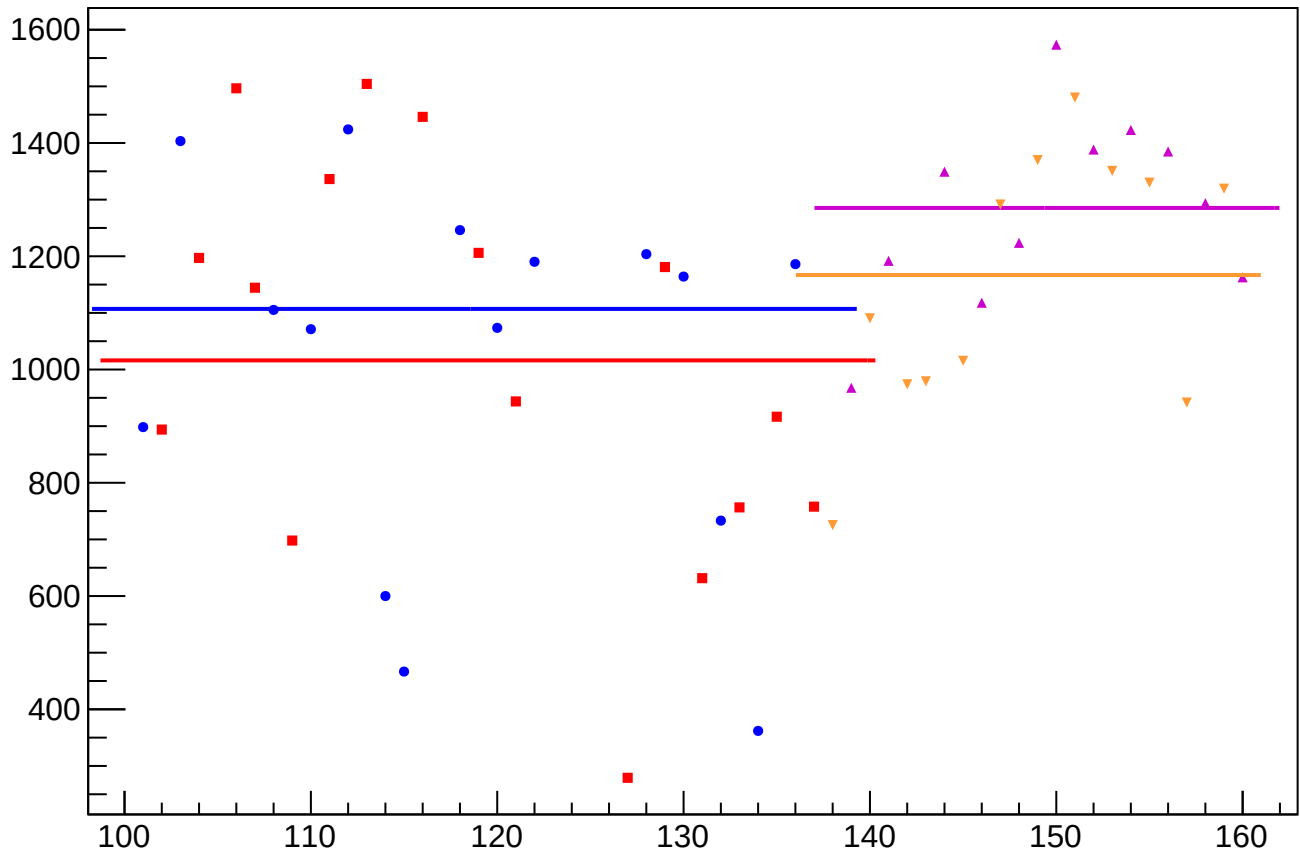
dit_atr2_coil4_err_mean vs Slug



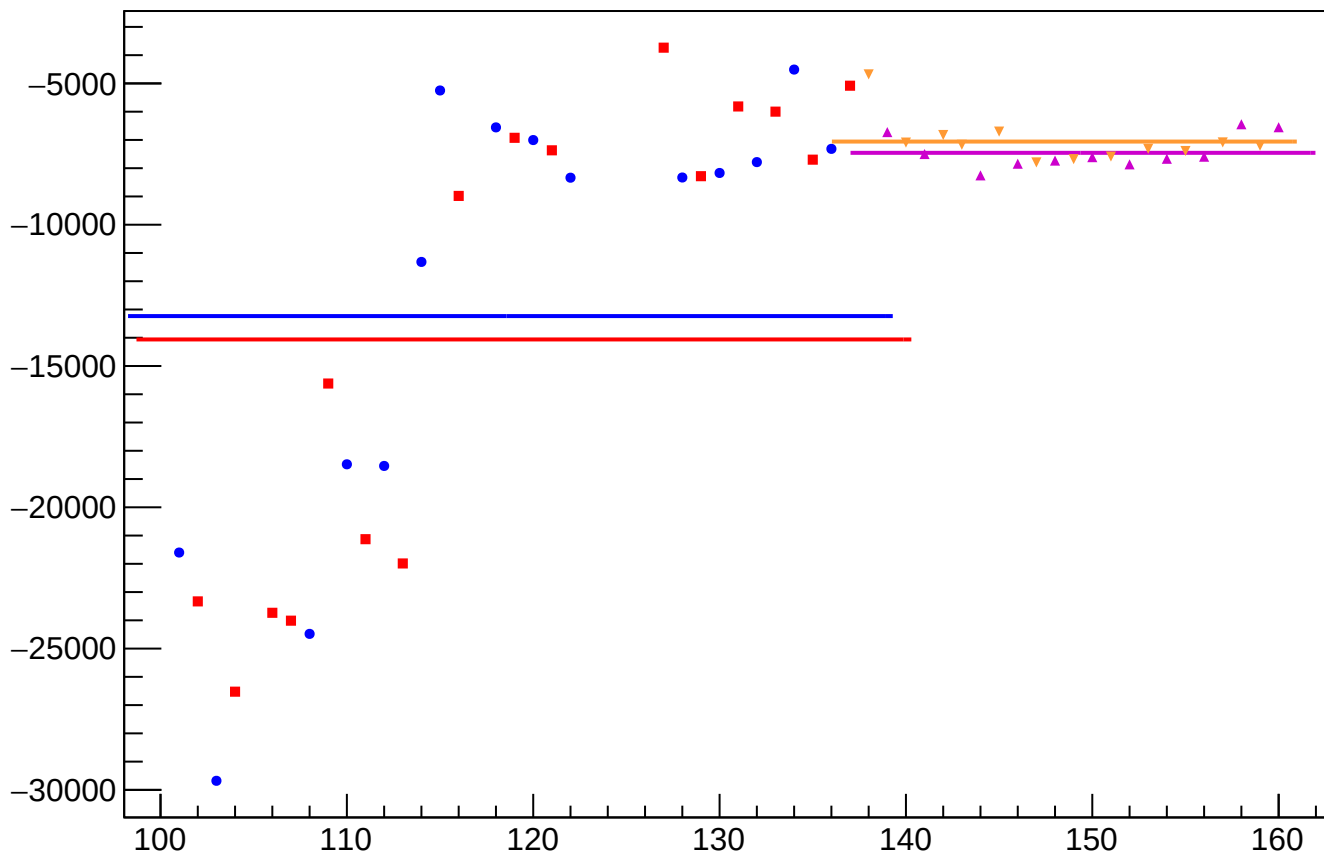
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2055.788+/-0.000	χ^2/NDF : 438010168588723075505721290768963862528.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

+ sign 1995.018+/-0.000 χ^2/NDF : 53377625694473
 All: 2084.675+/-0.000 χ^2/NDF : 38237081973
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

+ sign -9621.893+/-0.000 χ^2/NDF : 5629932940229

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

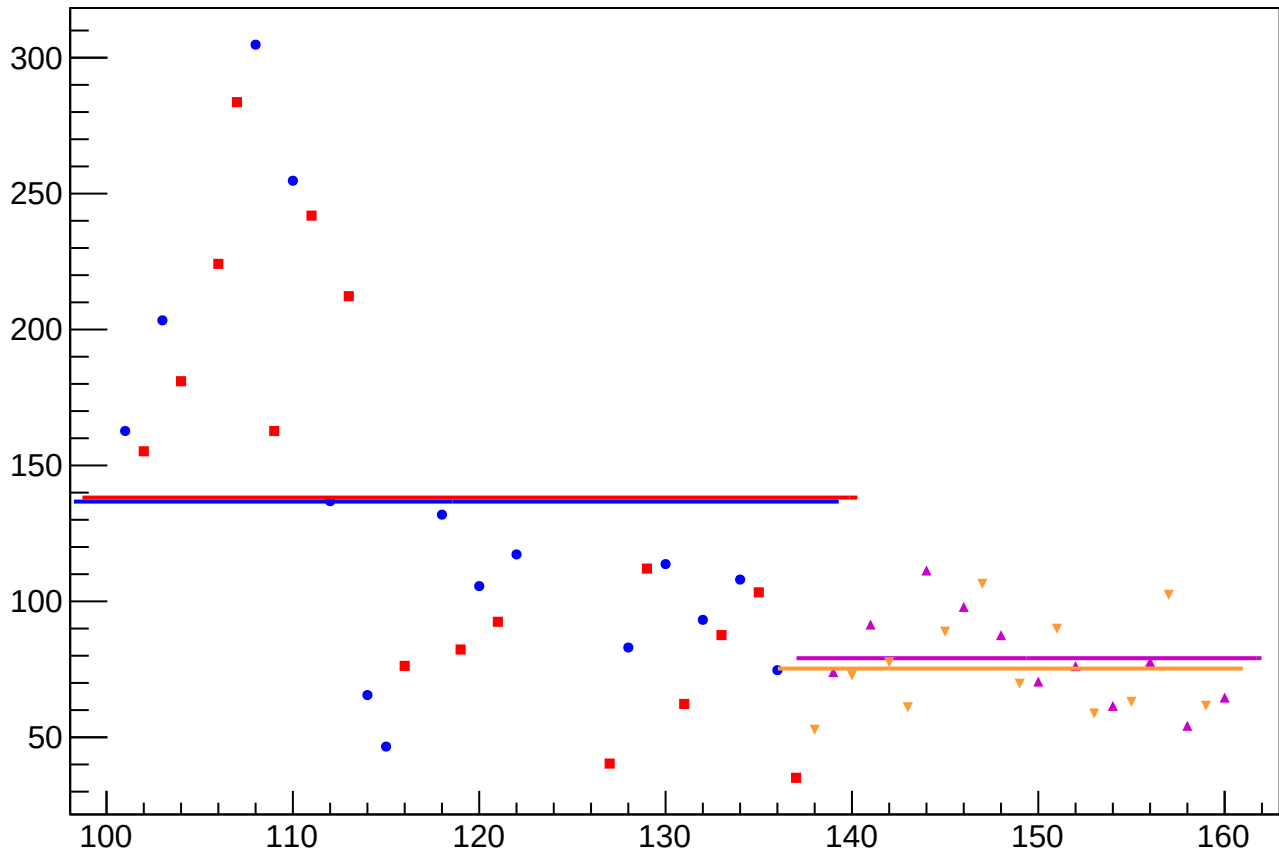
All: -9925.988+/-0.000 χ^2/NDF : 1182552632

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

- sign -10224.731+/-0.000 χ^2/NDF : 6166940420799

Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14

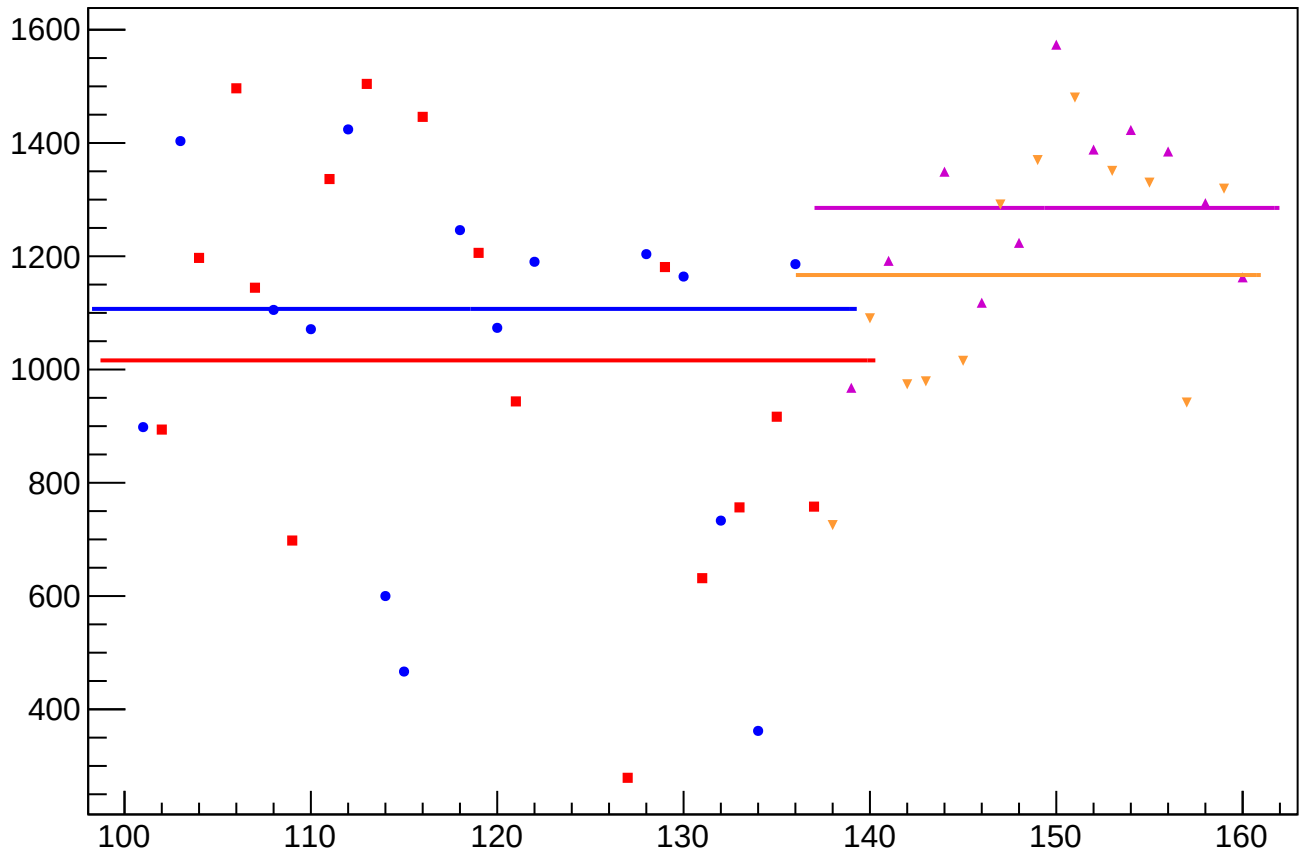
Left Out: 75.280 $\pm$ 0.000 χ^2 /NDF: 271565230291715258223184233837363200.0/11

Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15

Left In: 79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10

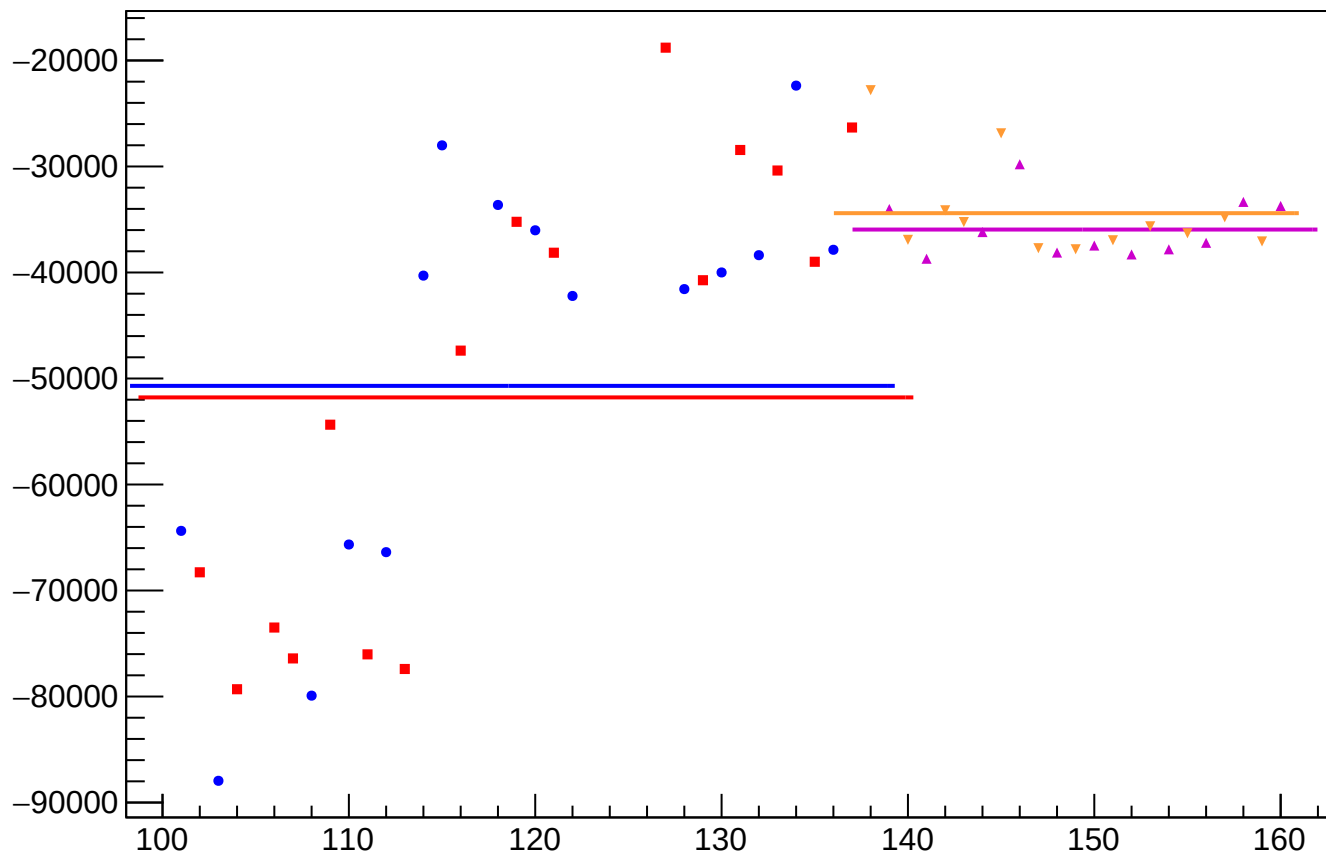
All: 102.340 $\pm$ 0.000 χ^2 /NDF: 922540453685

dit_sam1_coil4_Ndata_mean vs Slug



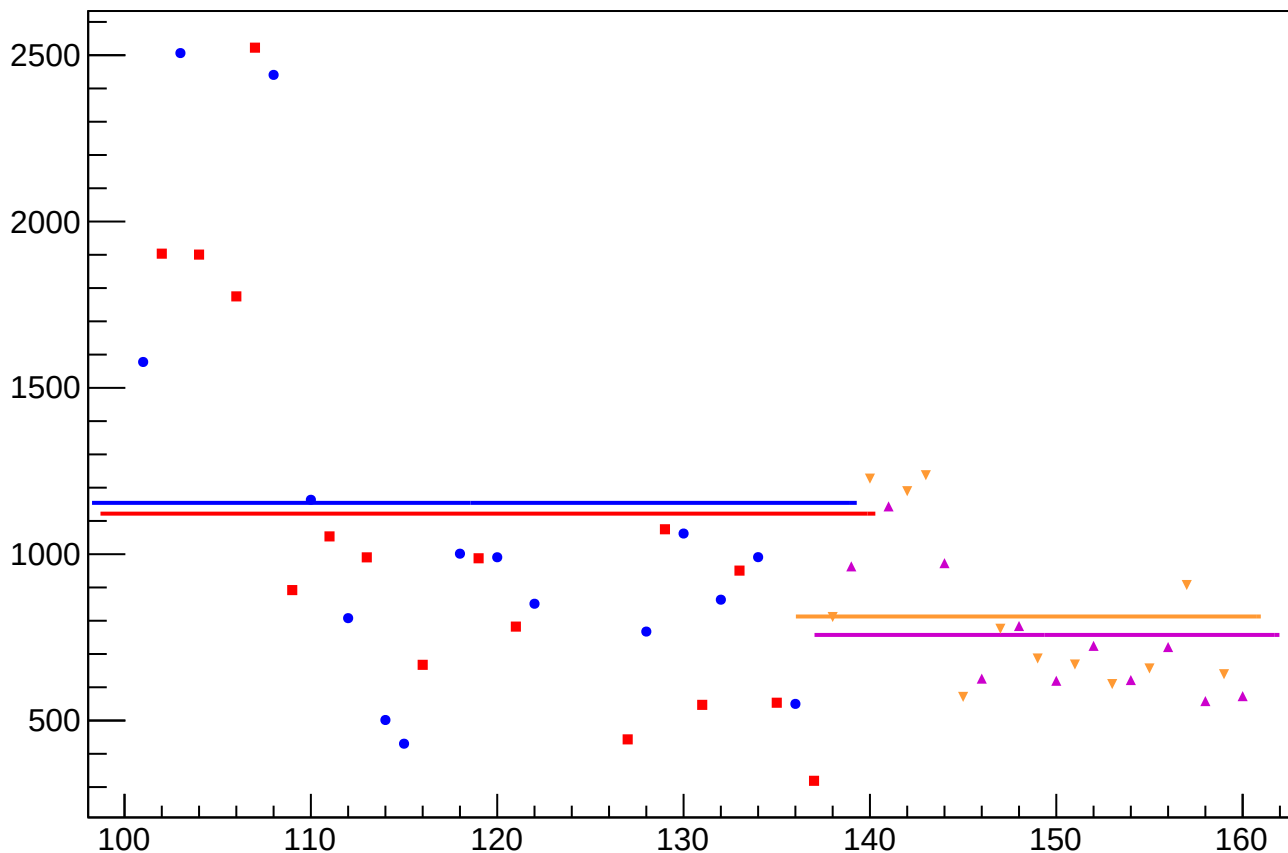
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -34404.656+/-0.000 χ^2/NDF : 18820007226442898256054839449855820038144.0/11
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -35949.660+/-0.000 χ^2/NDF : 6535777806152232441815832130596699635712.0/10

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 812.768+/-0.000 χ^2/NDF : 48869150953187834312923483015749828608.0/11

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

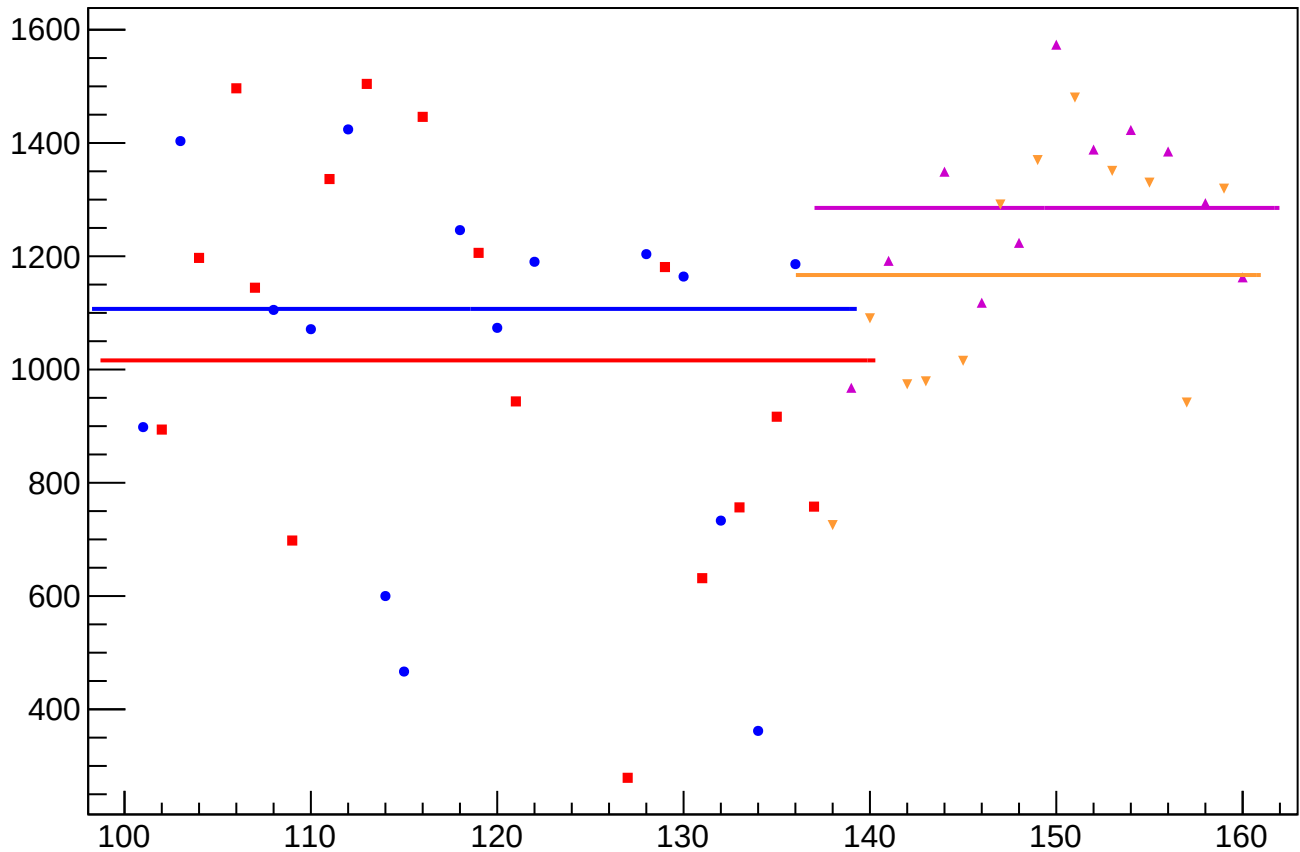
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

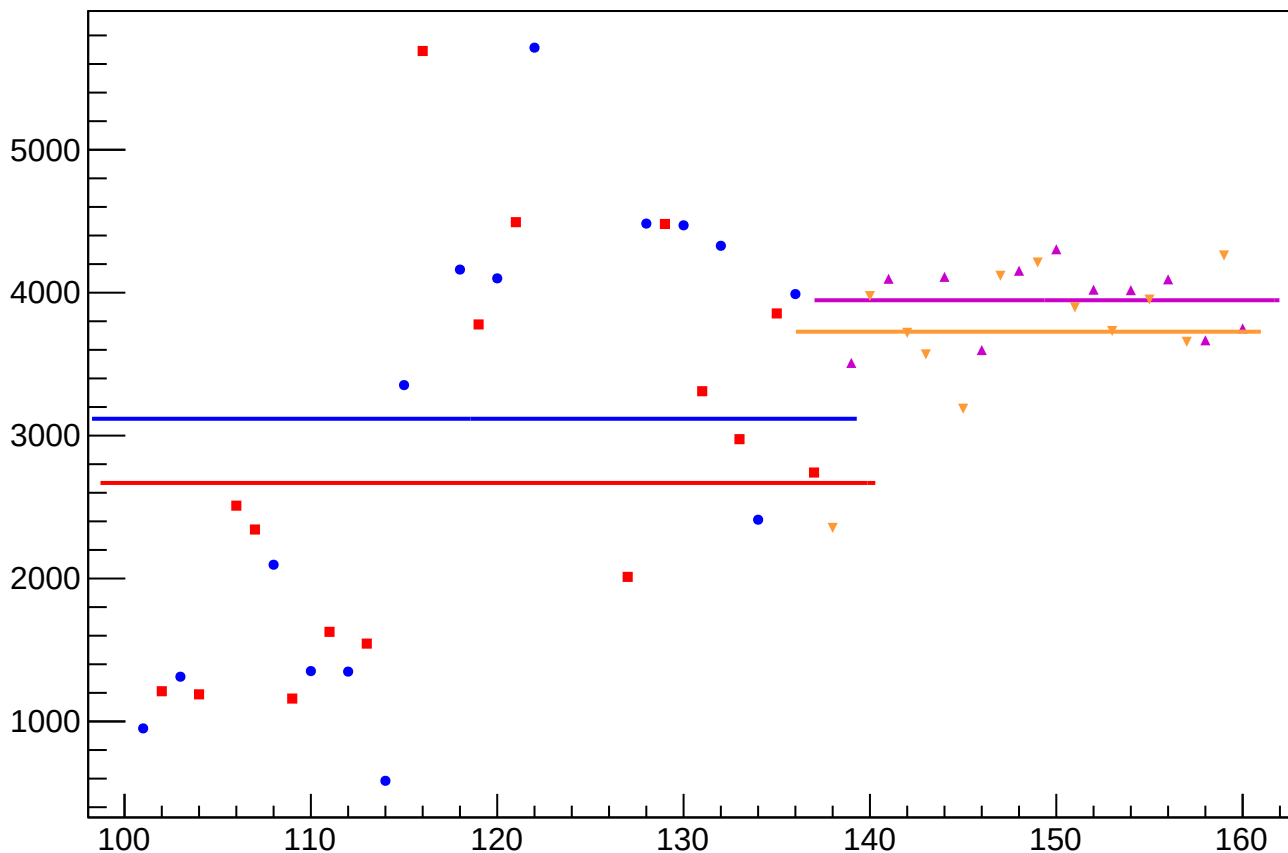
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



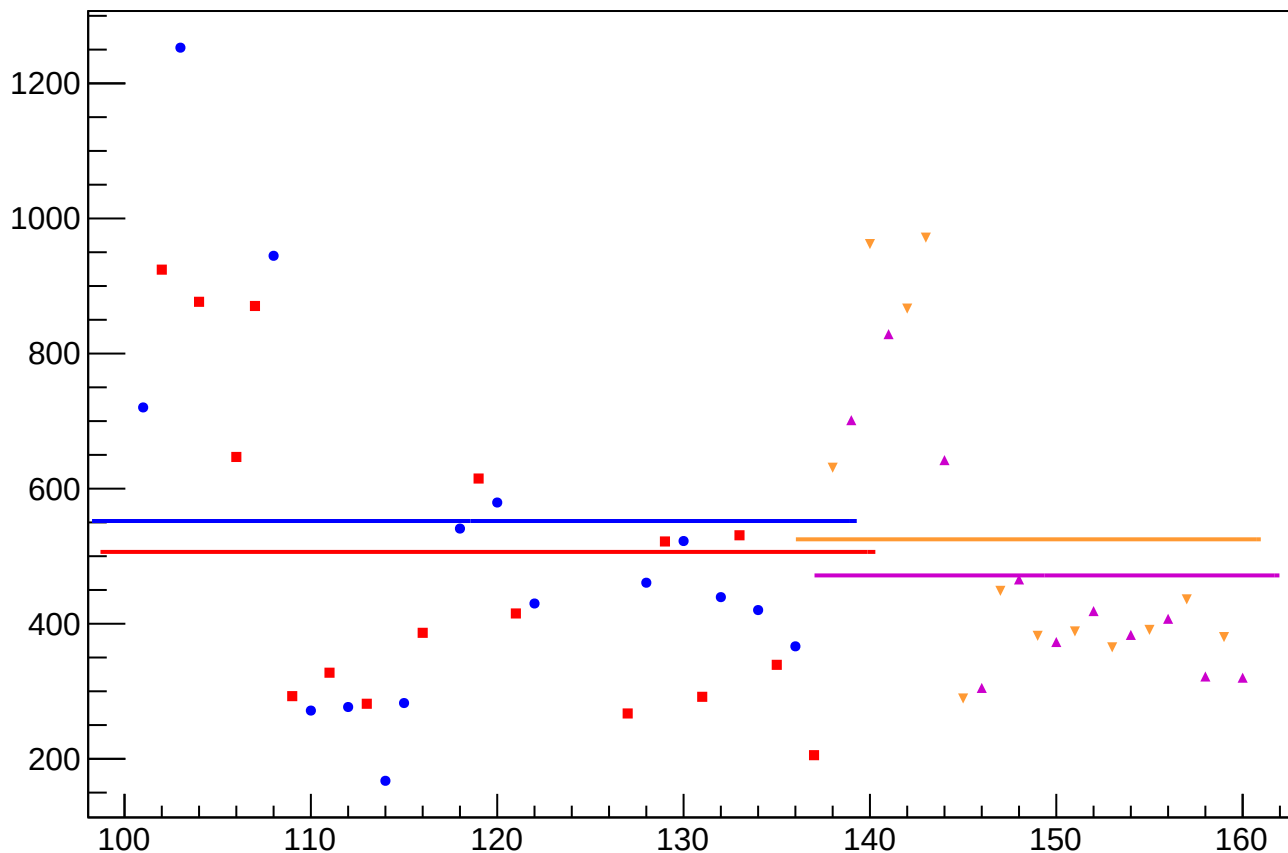
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3474.146+/-0.000	χ^2/NDF : 19310560227592
Left Out: 3727.095+/-0.000	χ^2/NDF : 237477678561542860292825834329185714176.0/11	All: 3442.374+/-0.000	χ^2/NDF : 37604904568
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3411.160+/-0.000	χ^2/NDF : 18263065086829
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10		

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

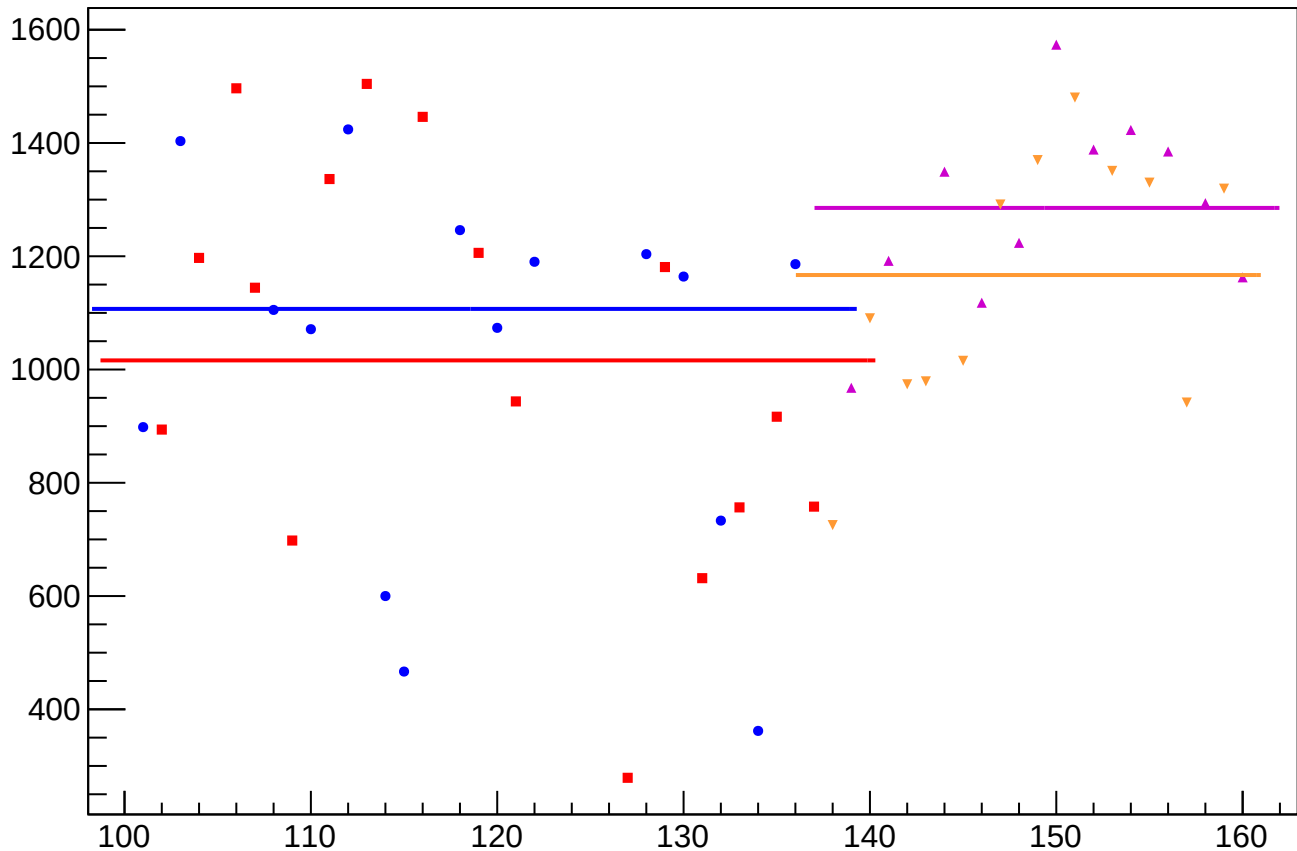
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

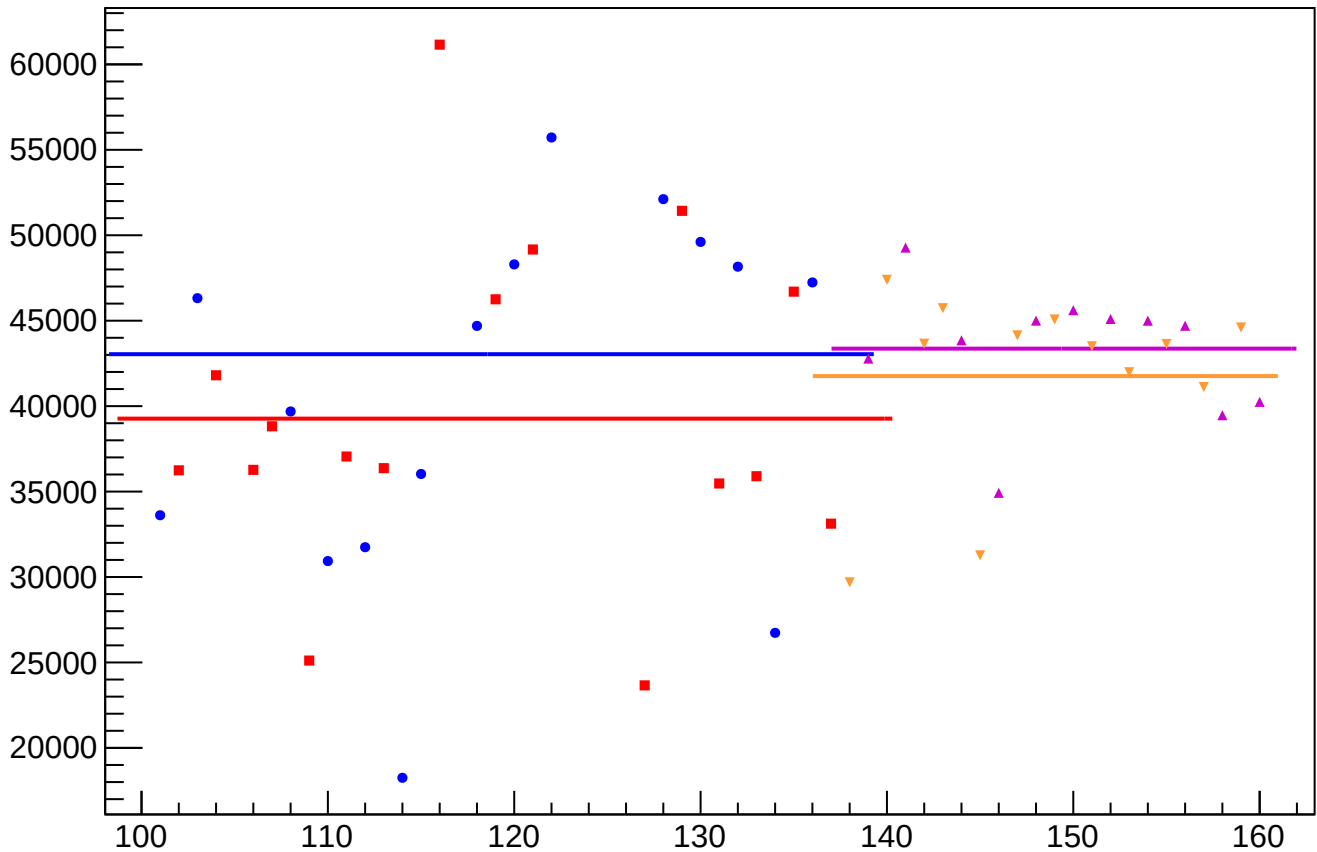
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

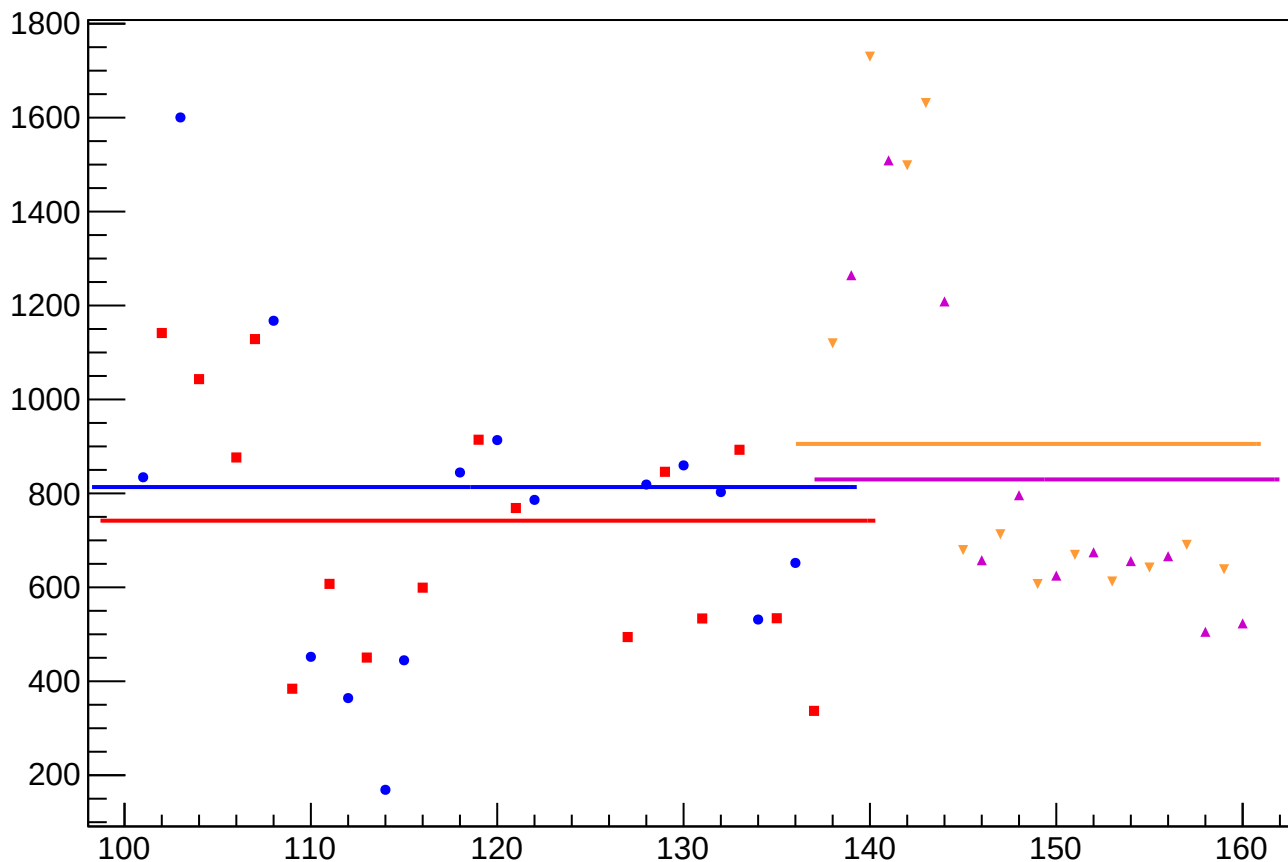
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529
 All: 41966.664+/-0.000 χ^2/NDF : 146263445
 - sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

+ sign 867.231 $\pm$ 0.000 χ^2 /NDF: 221925085824192

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

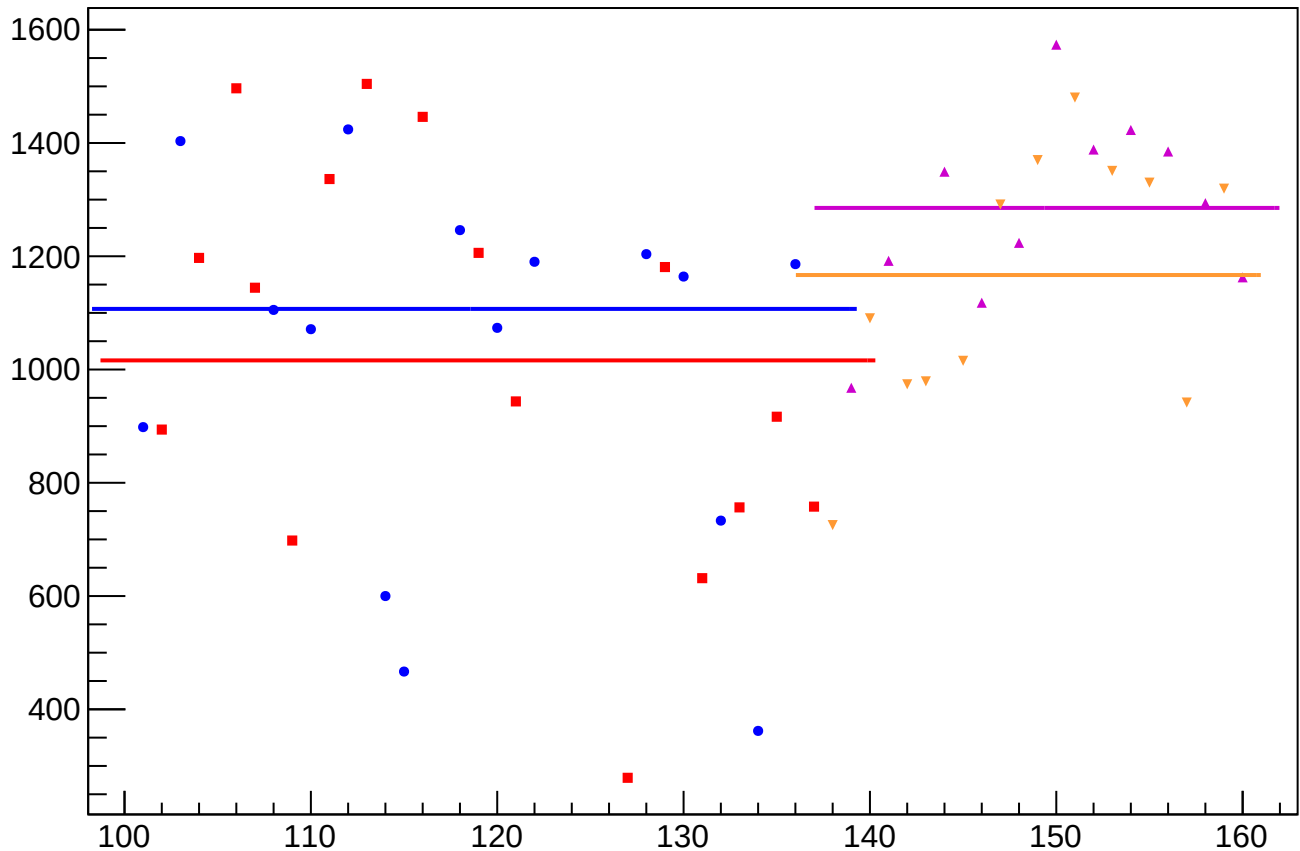
All: 829.738 $\pm$ 0.000 χ^2 /NDF: 369419133403

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

- sign 792.905 $\pm$ 0.000 χ^2 /NDF: 143138450835251

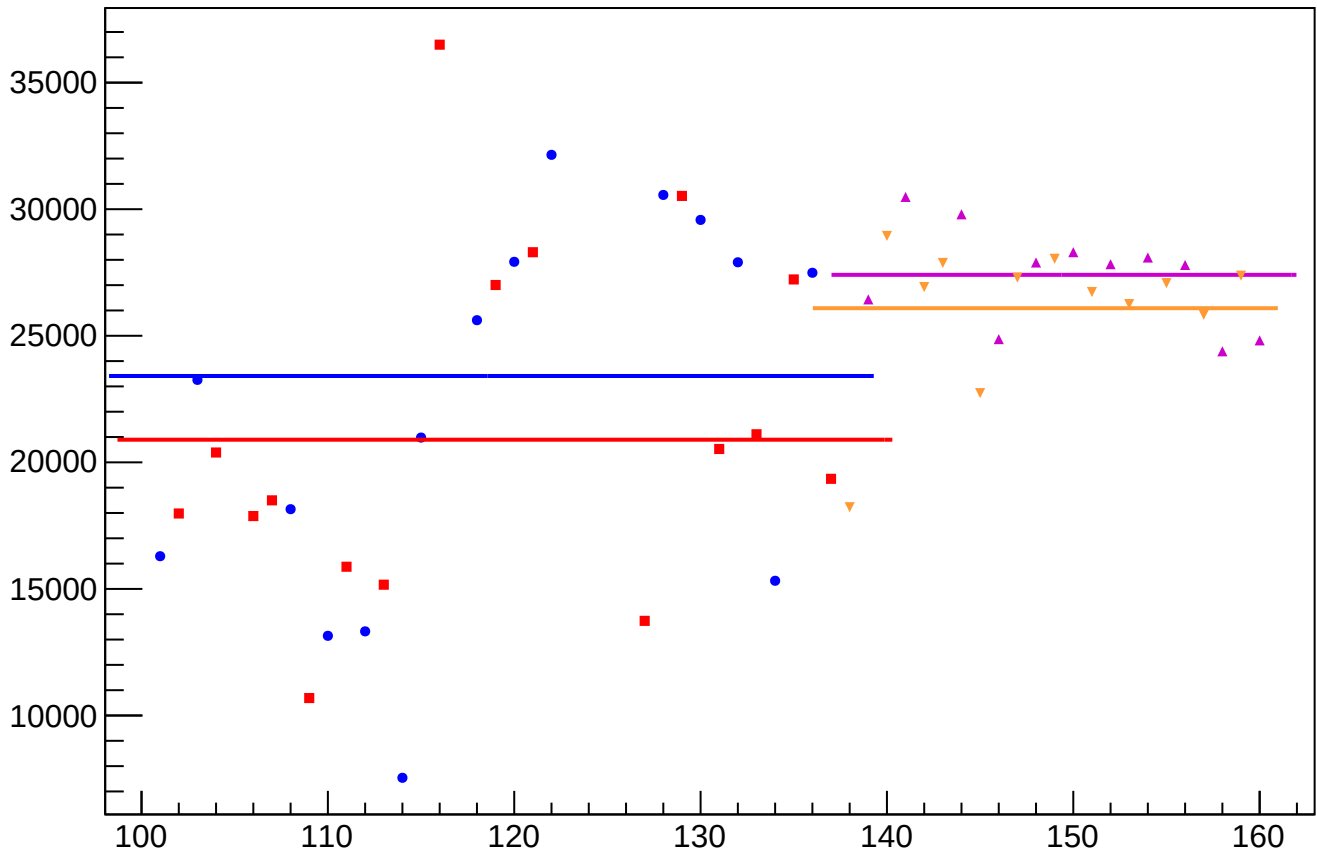
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

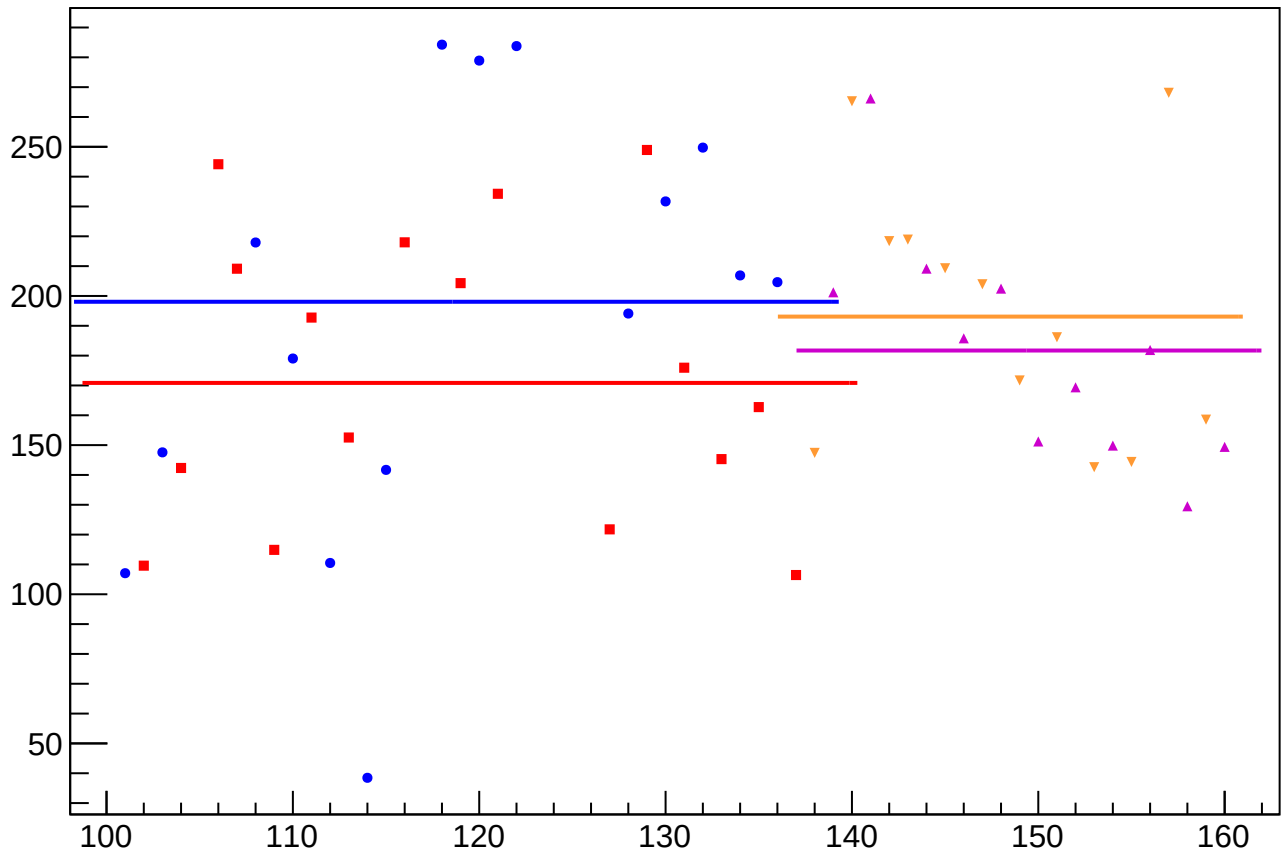
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26089.435+/-0.000	χ^2/NDF : 7297474697325231234633060364075485102080.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



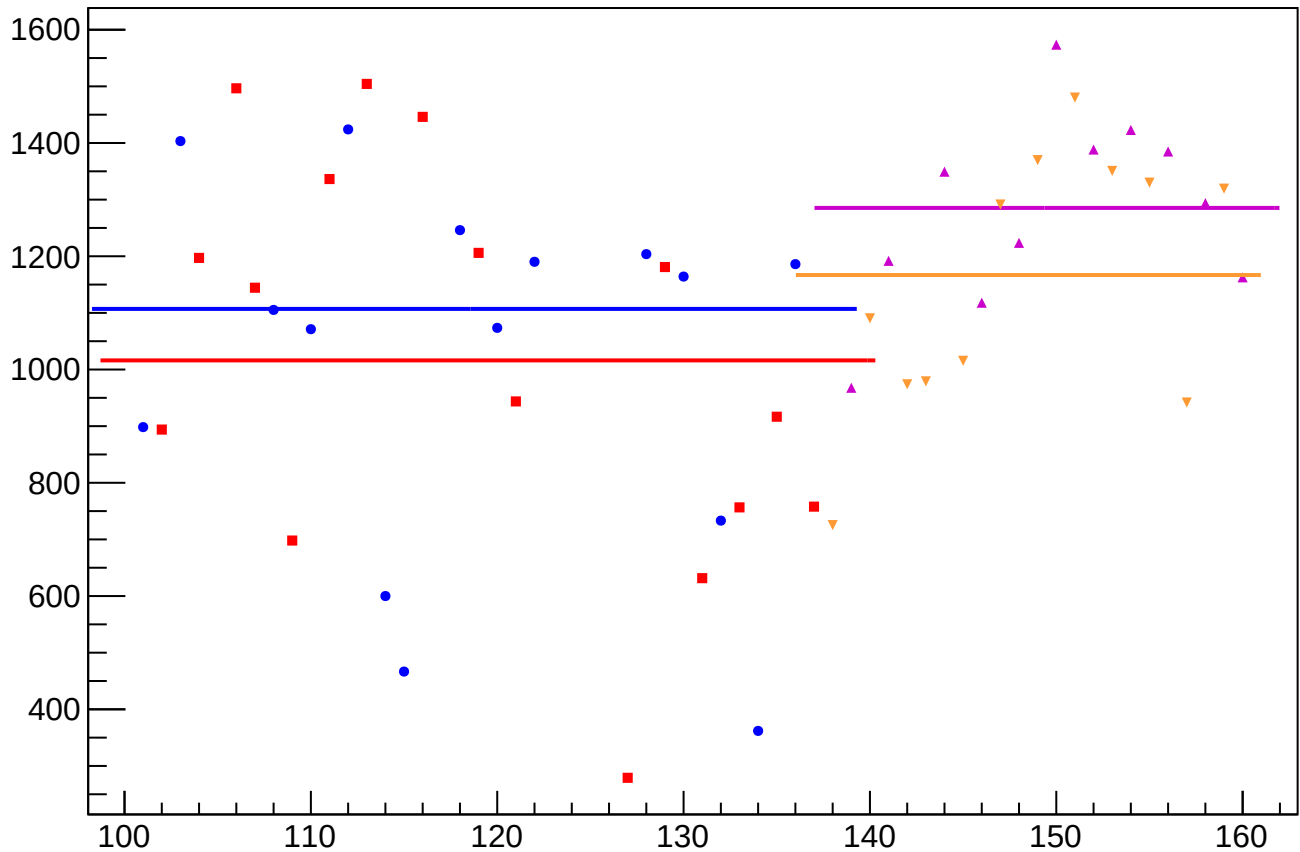
Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

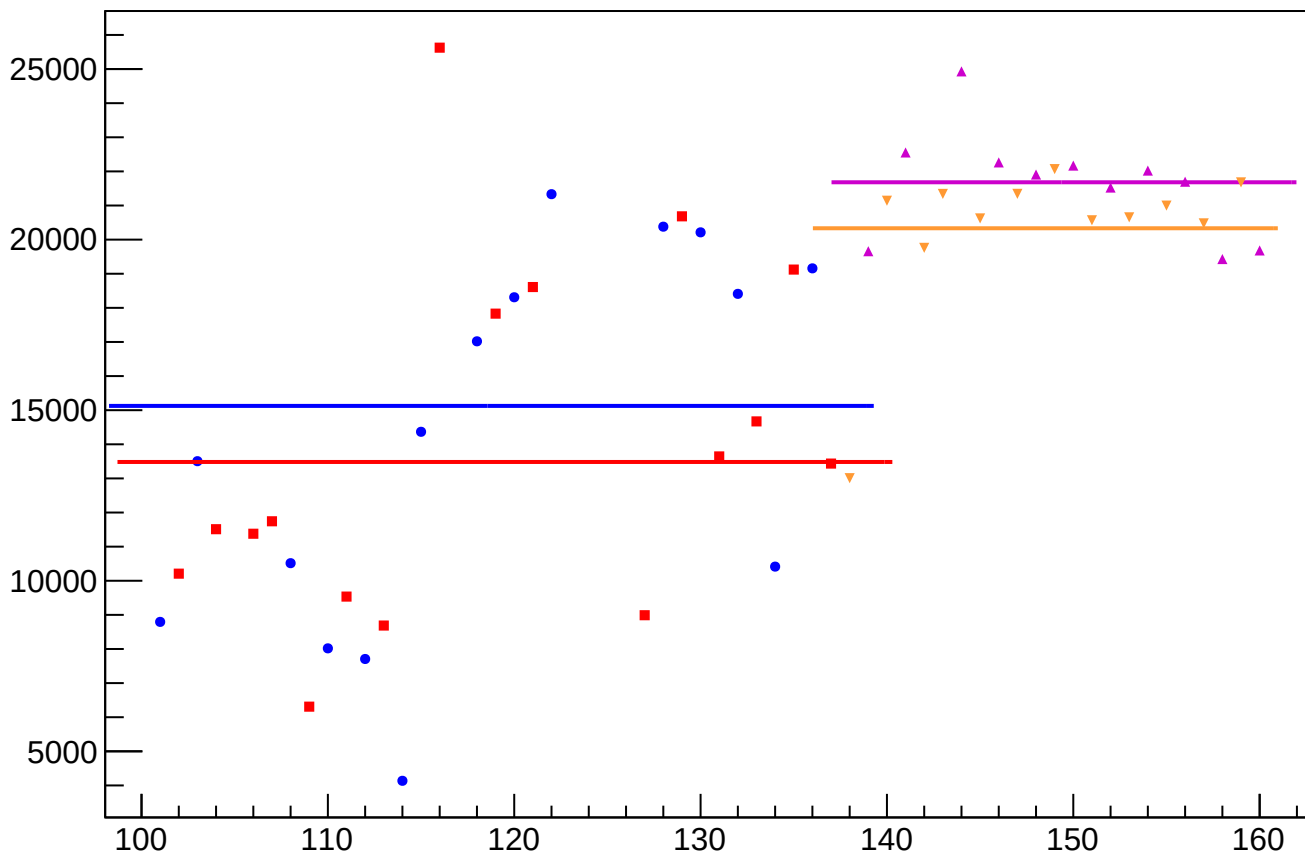
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

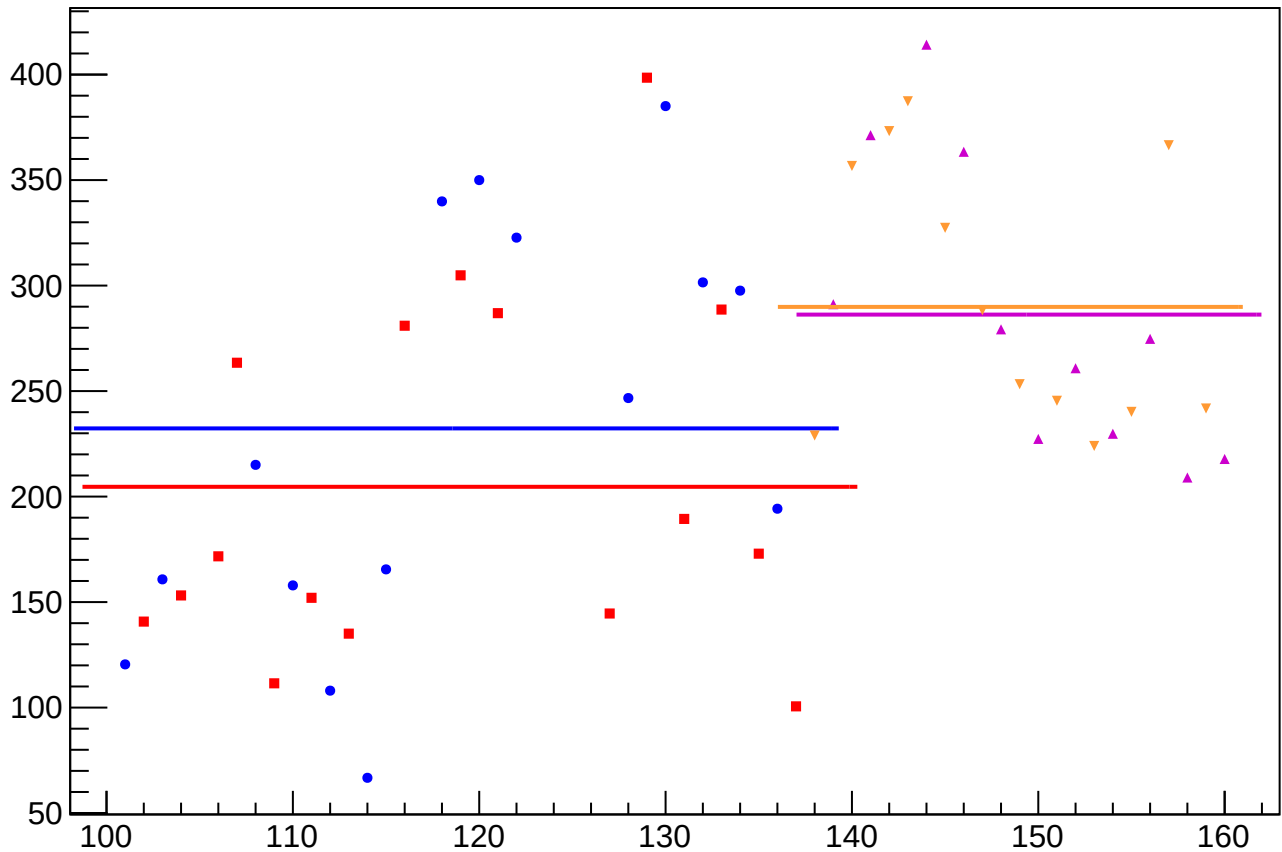
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

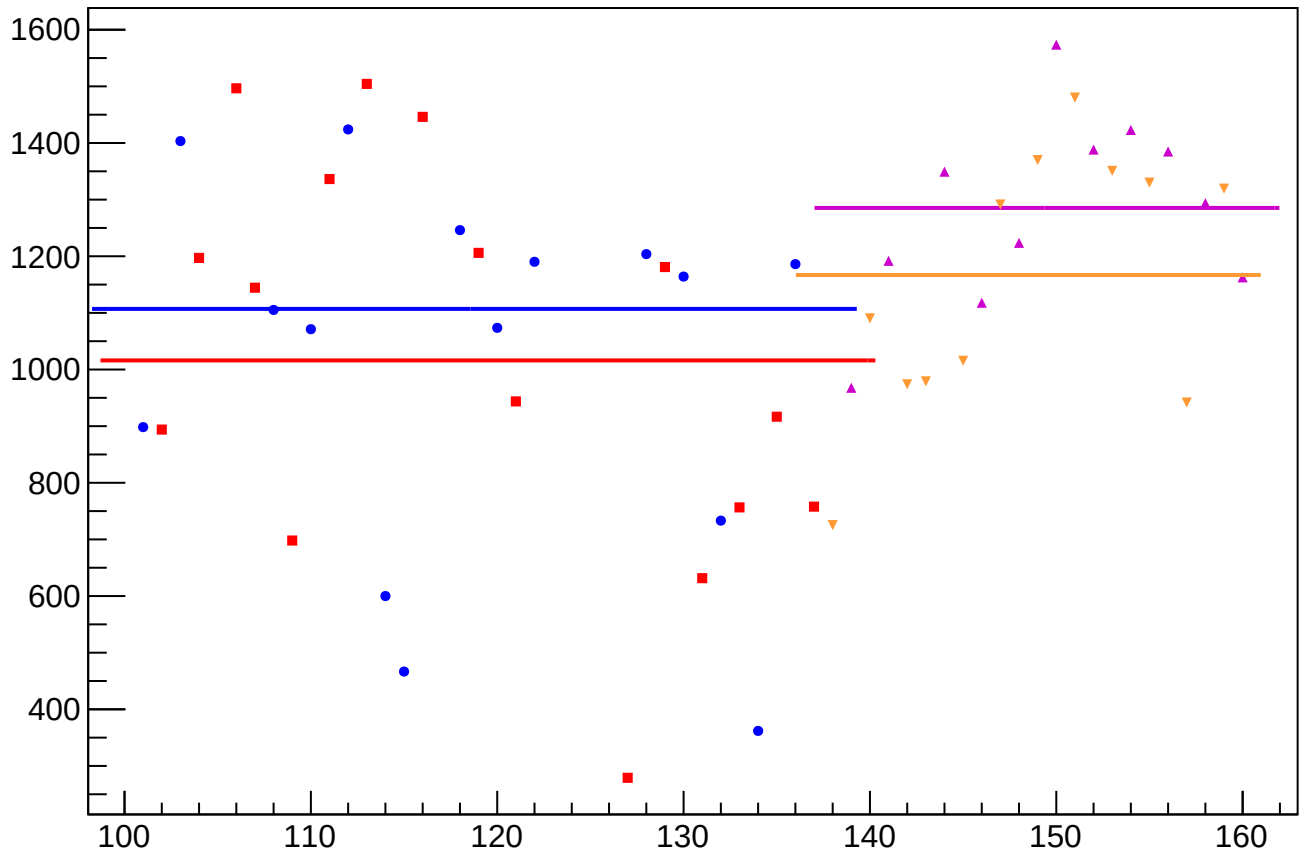
dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

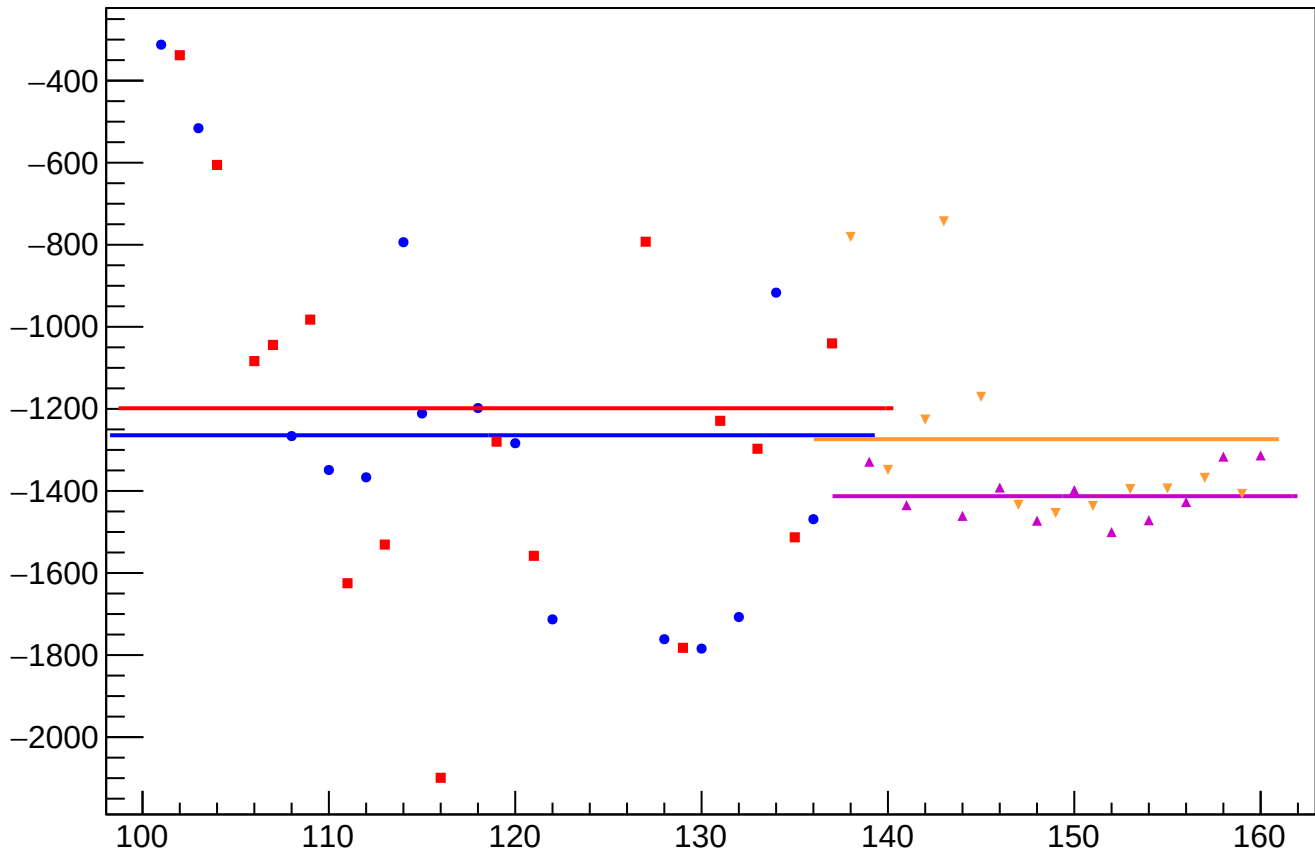
+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893
 All: 258.948+/-0.000 χ^2/NDF : 212946744199
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



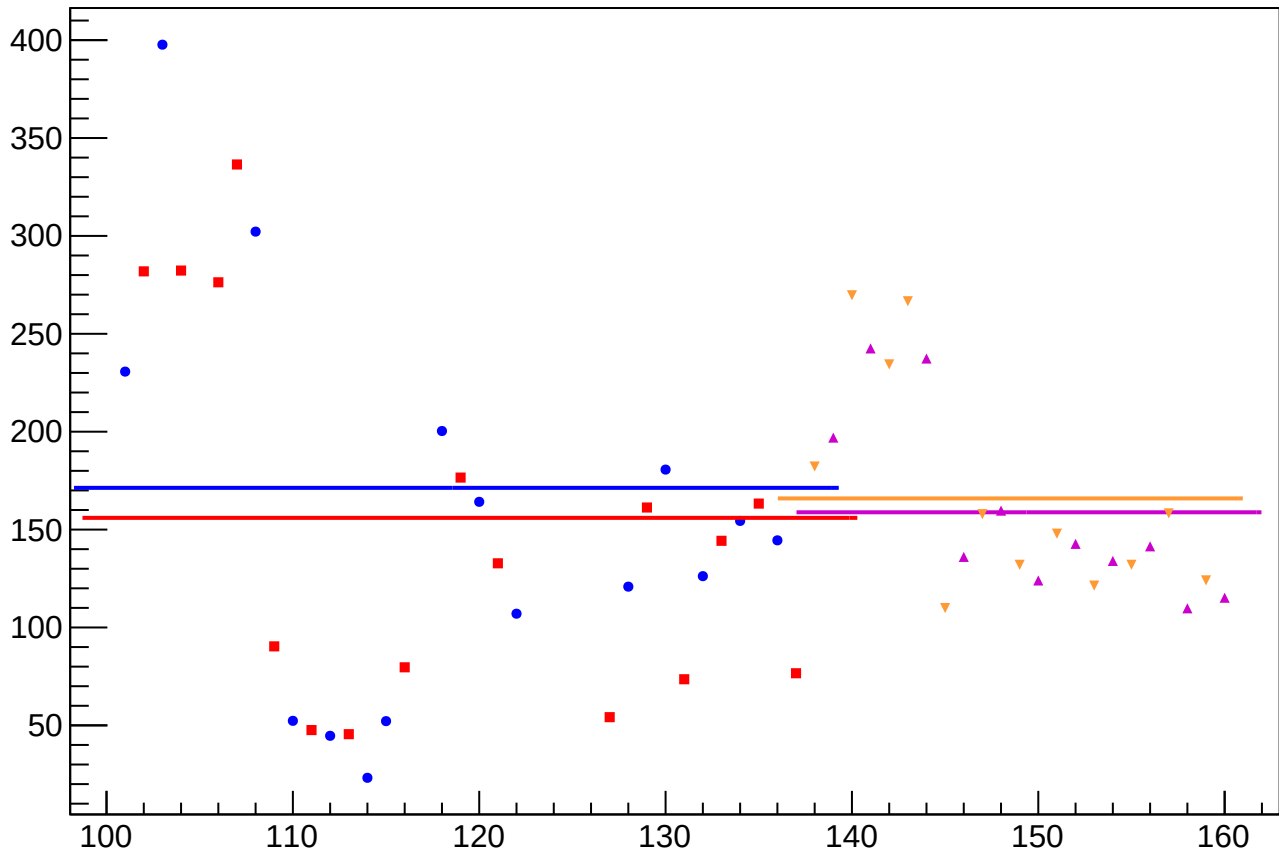
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



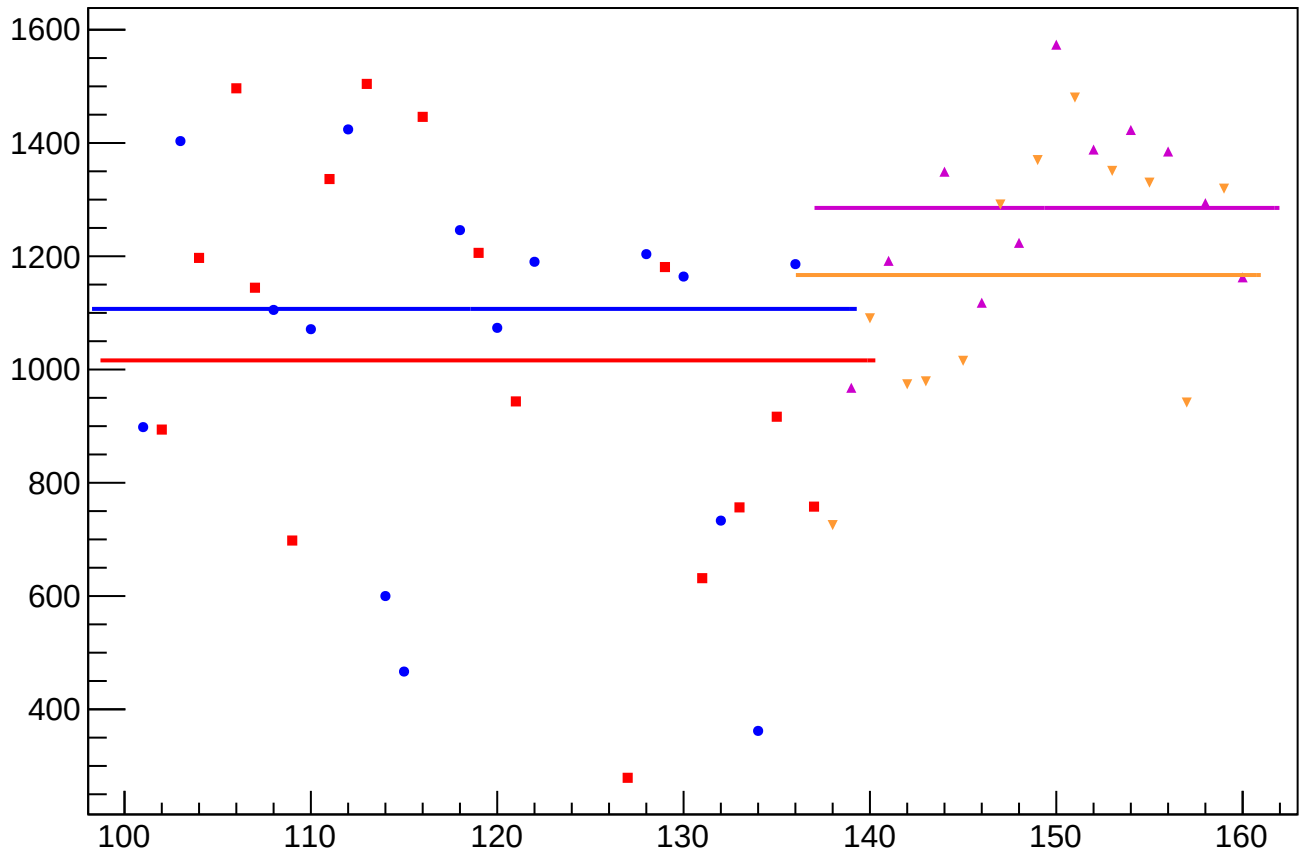
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10
 All: -1296.664 ± 0.000 χ^2/NDF : 3455789240
 + sign -1269.922 ± 0.000 χ^2/NDF : 1907675135798
 - sign -1322.935 ± 0.000 χ^2/NDF : 15259559017097

dit_sam7_coil4_err_mean vs Slug

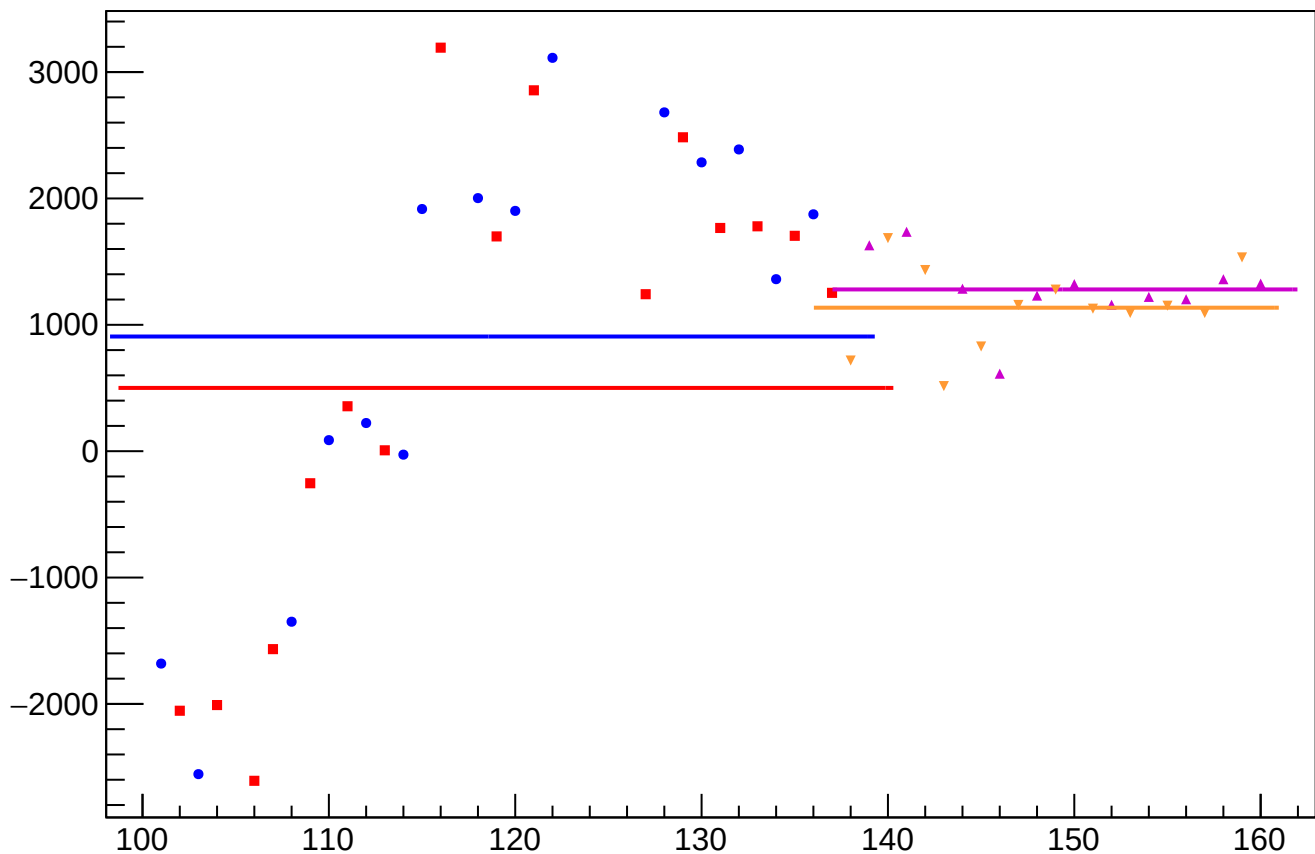


Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_coil4_Ndata_mean vs Slug



dit_sam8_coil4_mean vs Slug



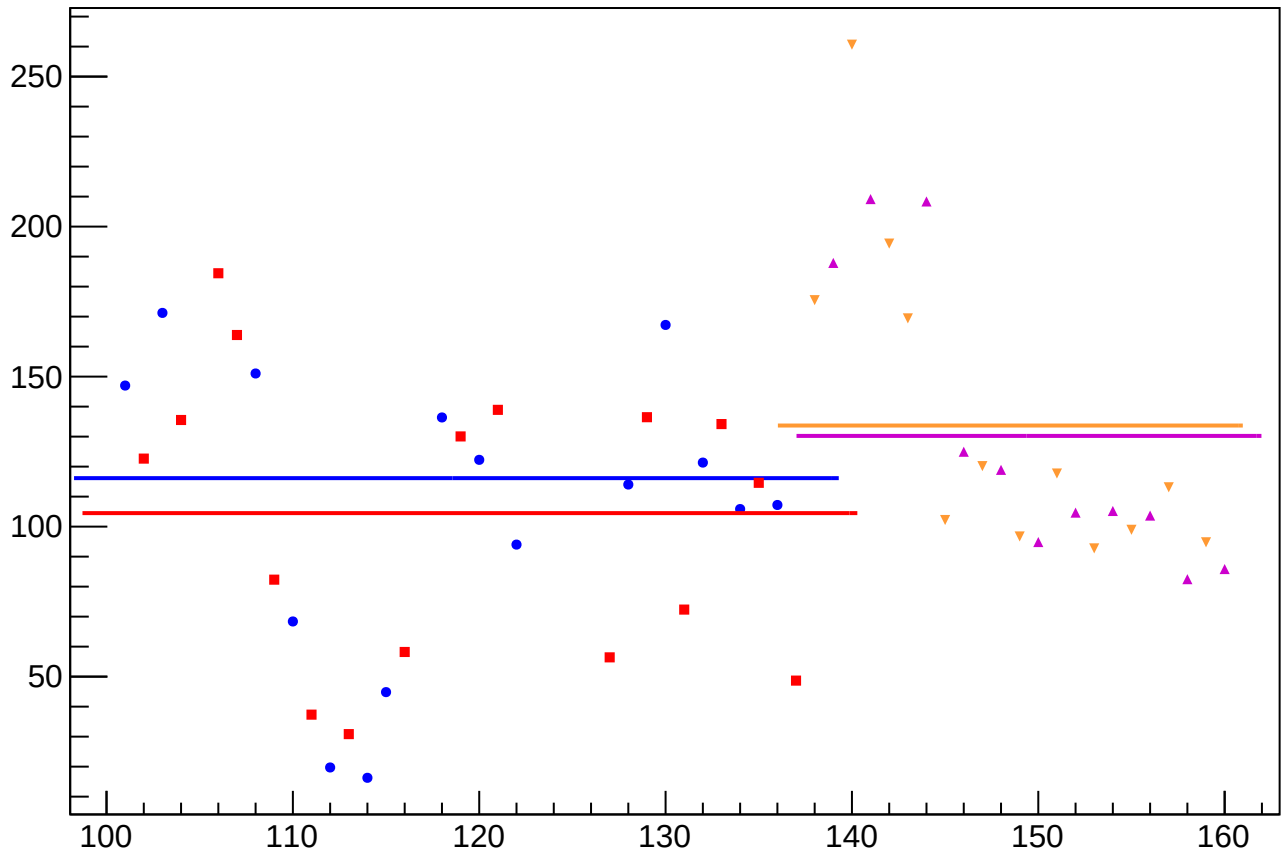
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

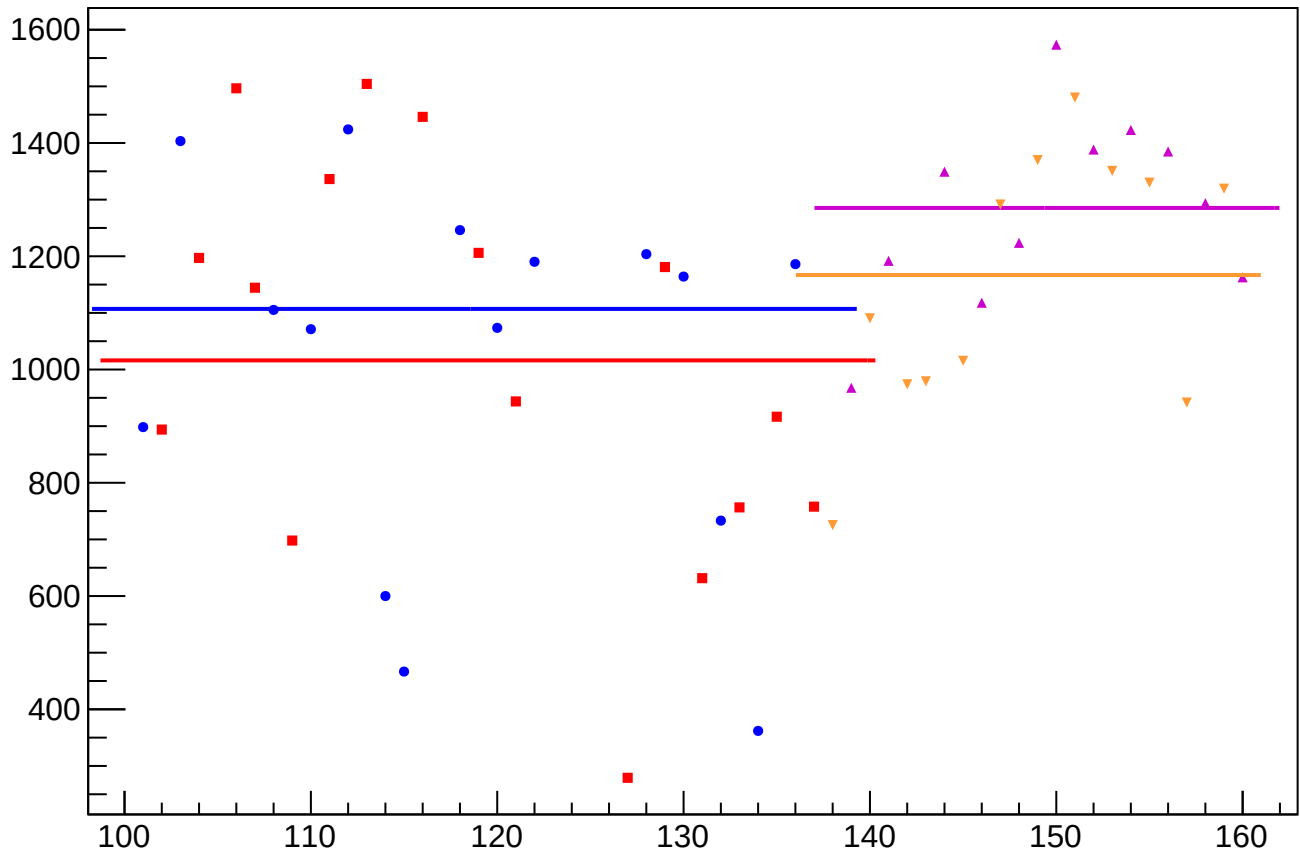
dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000	χ^2/NDF : 1198526427485199785396504127288115200.0/14
Left Out: 133.695+/-0.000	χ^2/NDF : 2332238004384262852879386446827356160.0/11
Right Out: 104.501+/-0.000	χ^2/NDF : 1285986383644058507445602420764180480.0/15
Left In: 130.237+/-0.000	χ^2/NDF : 1968814259217478663576054483231178752.0/10

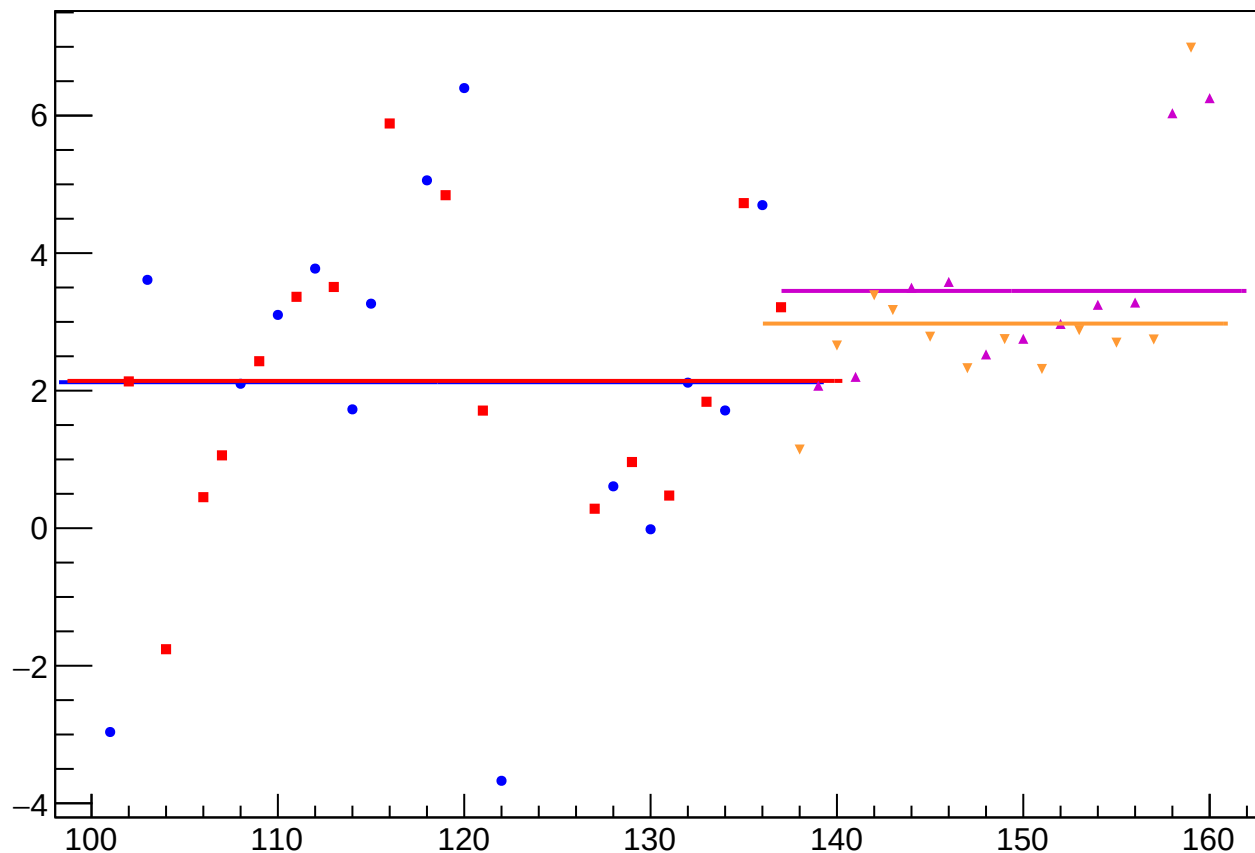
+ sign 126.414+/-0.000 χ^2/NDF : 364747445092715
 All: 122.900+/-0.000 χ^2/NDF : 71971163823
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000

χ^2/NDF : 5263705922821075971022013849403392.0/14

Left Out: 2.975+/-0.000

χ^2/NDF : 1653073452461549310648226194391040.0/11

Right Out: 2.142+/-0.000

χ^2/NDF : 2472949940993672466161692257026048.0/15

Left In: 3.450+/-0.000

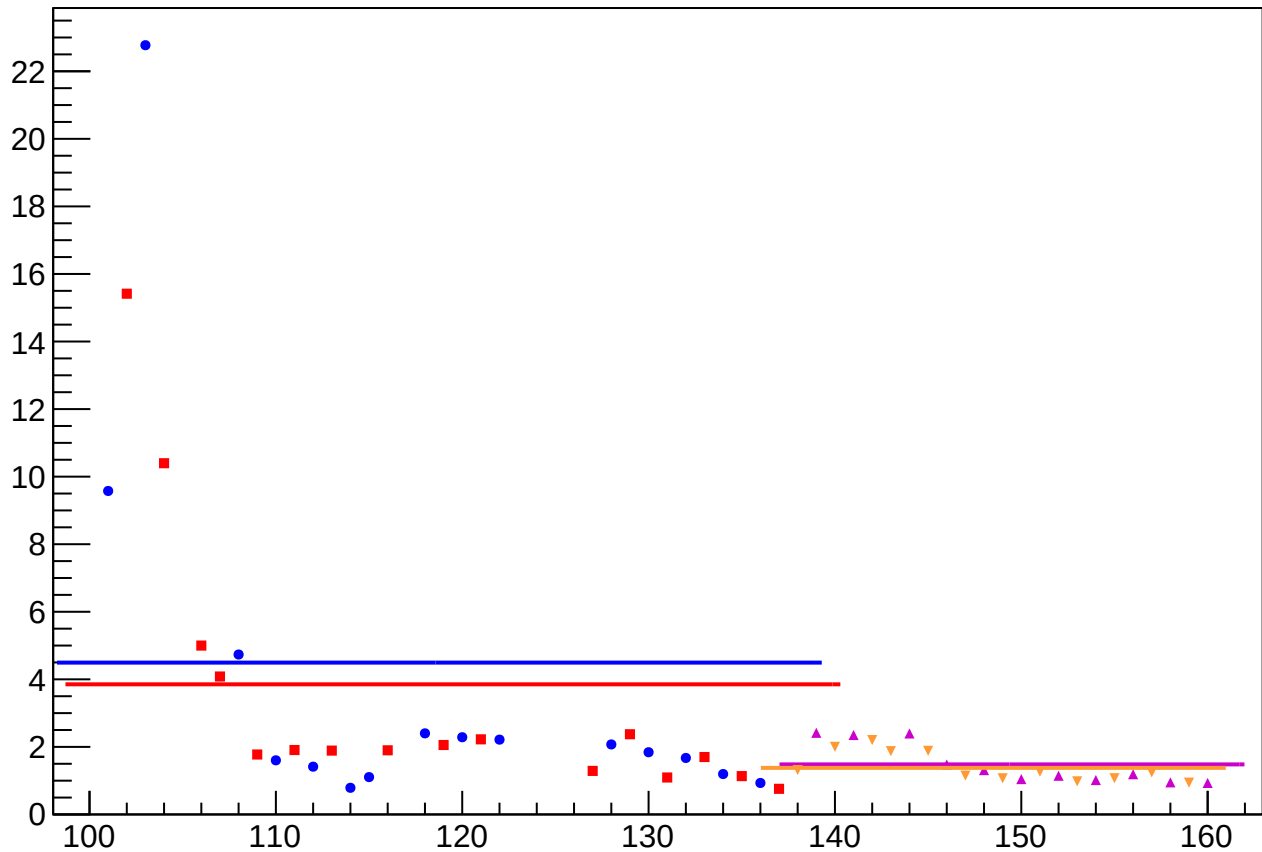
χ^2/NDF : 1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF : 71926109698373780

All: 2.763+/-0.000 χ^2/NDF : 11942737584809

- sign 2.902+/-0.000 χ^2/NDF : 46881653143346508

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 ± 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

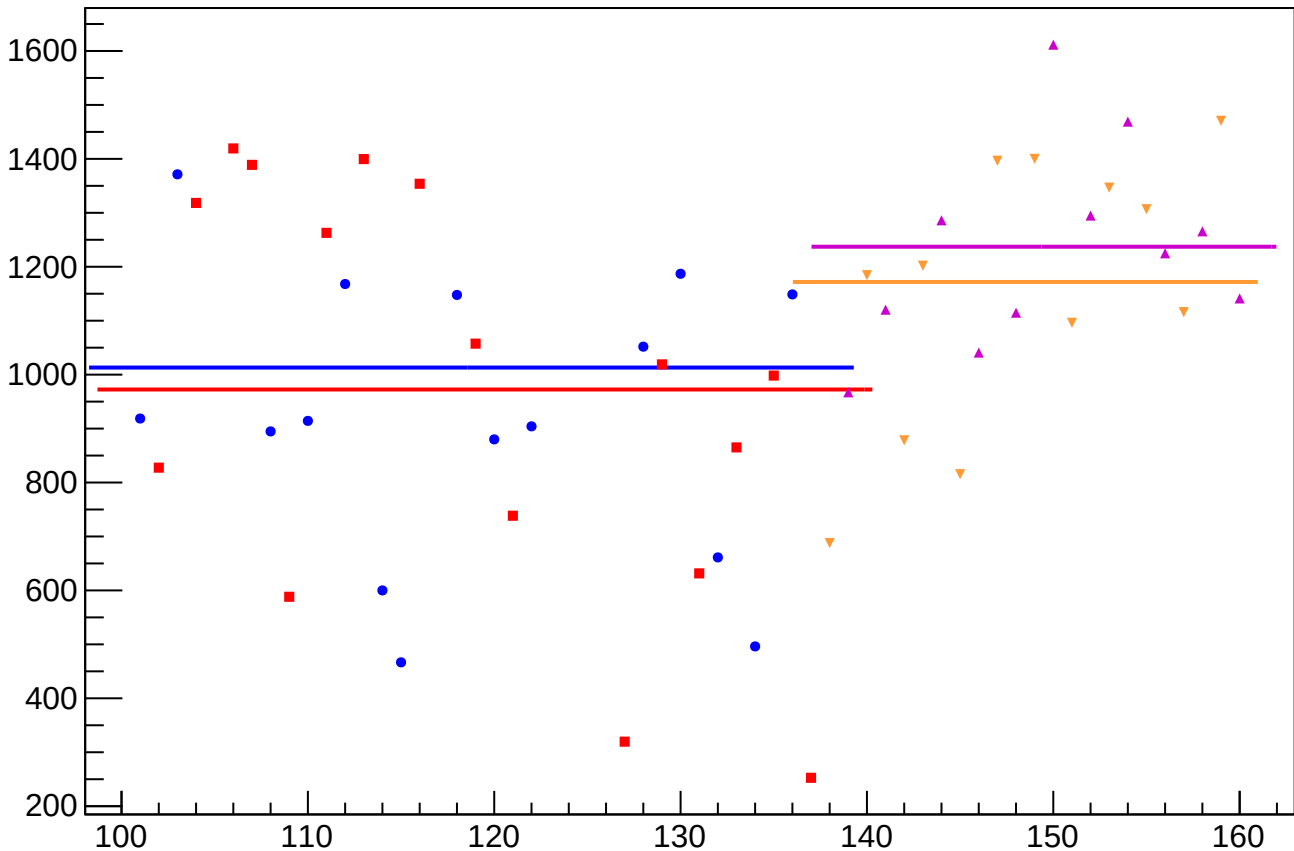
Left Out: 1.379 ± 0.000 χ^2/NDF : 150384329501224226849656085151744.0/11

Right Out: 3.852 ± 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

Left In: 1.482 ± 0.000 χ^2/NDF : 310337710475779495774509405831168.0/10

All: 2.573 ± 0.000 χ^2/NDF : 43938576112447.0/10

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

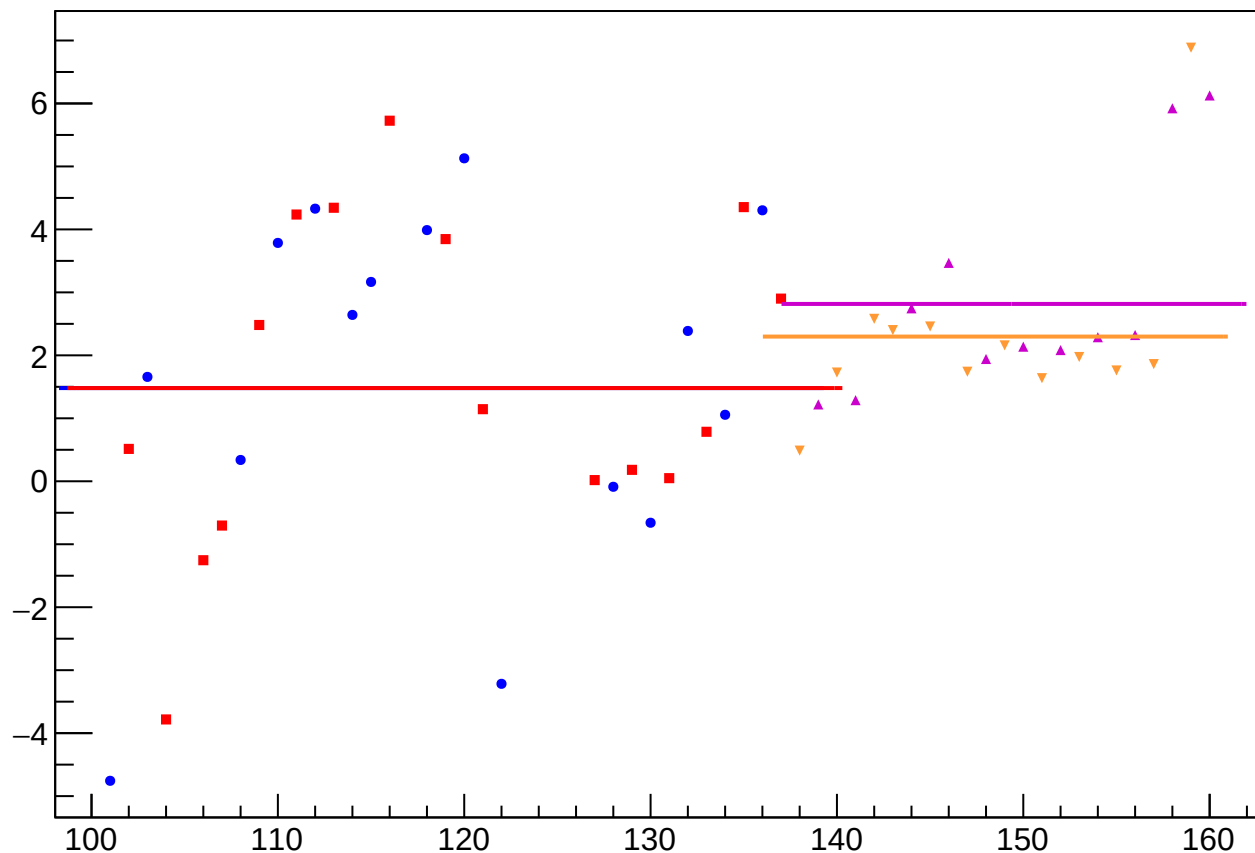
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

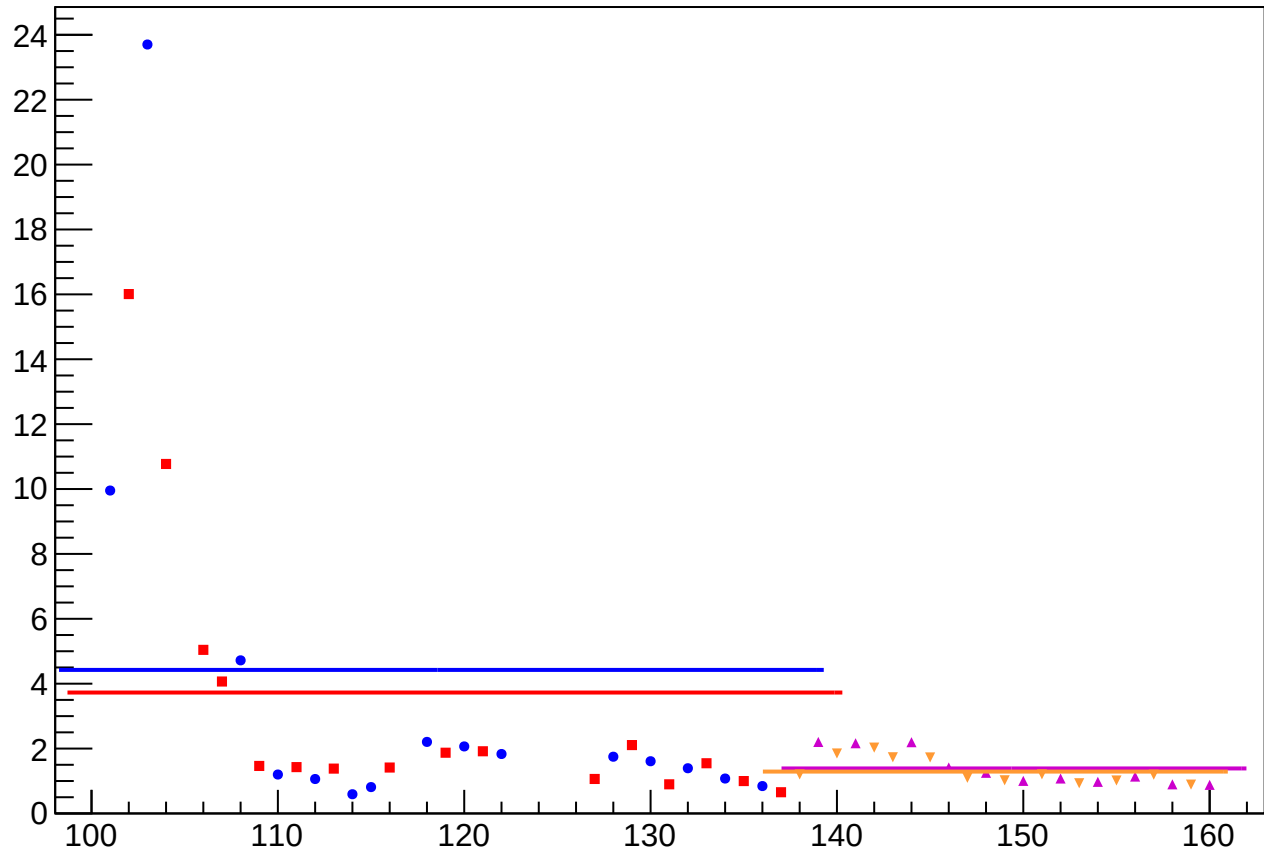
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14
 Left Out: 2.298 $\pm$ 0.000 χ^2 /NDF: 2079870991739780462593334803693568.0/11
 Right Out: 1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15
 Left In: 2.816 $\pm$ 0.000 χ^2 /NDF: 2230790234579581781884760219451392.0/10

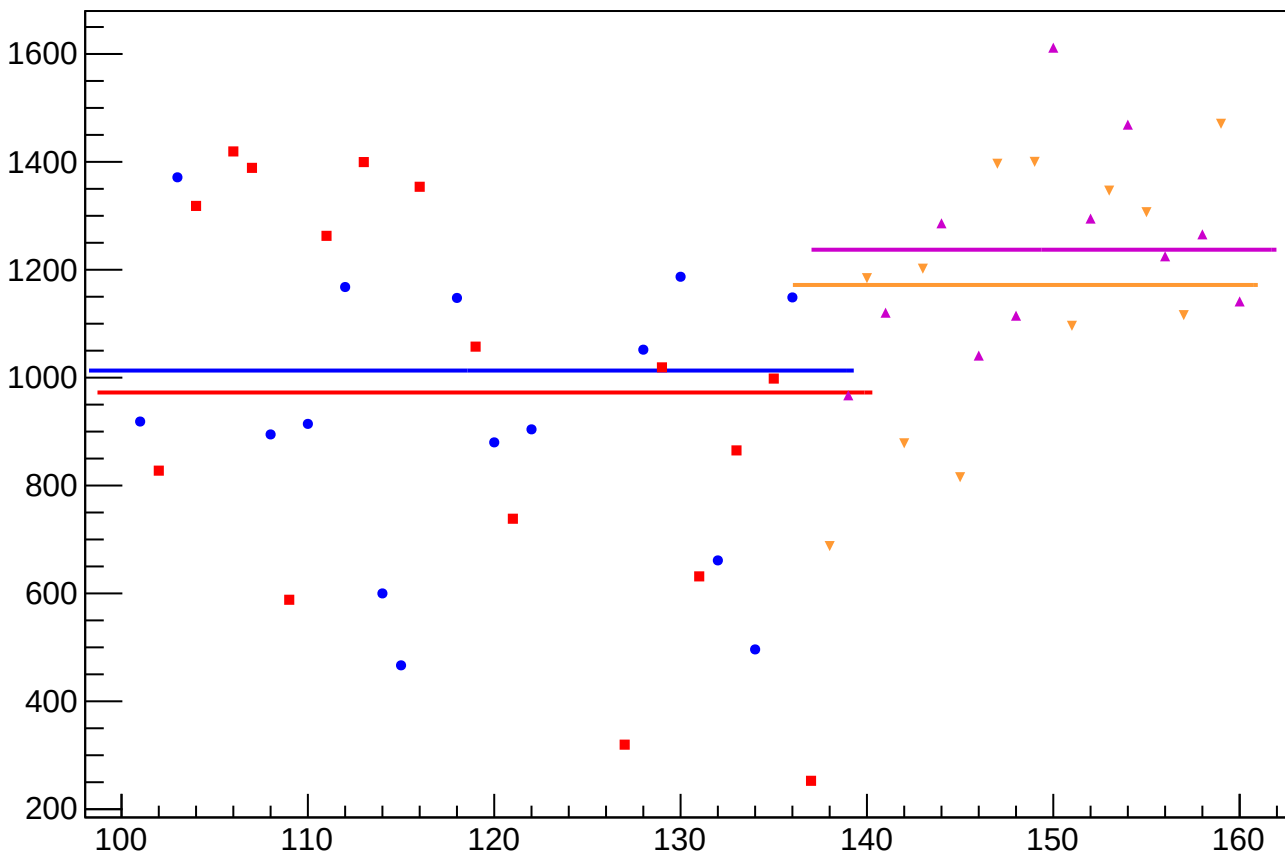
dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000	χ^2/NDF : 28257459272876210608839830473277440.0/14
Left Out: 1.291+/-0.000	χ^2/NDF : 119201725618452190917490324275200.0/11
Right Out: 3.727+/-0.000	χ^2/NDF : 13991816814749842519794284853460992.0/15
Left In: 1.387+/-0.000	χ^2/NDF : 245381205913734368947829561360384.0/10

+ sign 2.592+/-0.000 χ^2/NDF : 32103516119977359
 All: 2.479+/-0.000 χ^2/NDF : 48501017381547
 - sign 2.368+/-0.000 χ^2/NDF : 16358007863357496

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

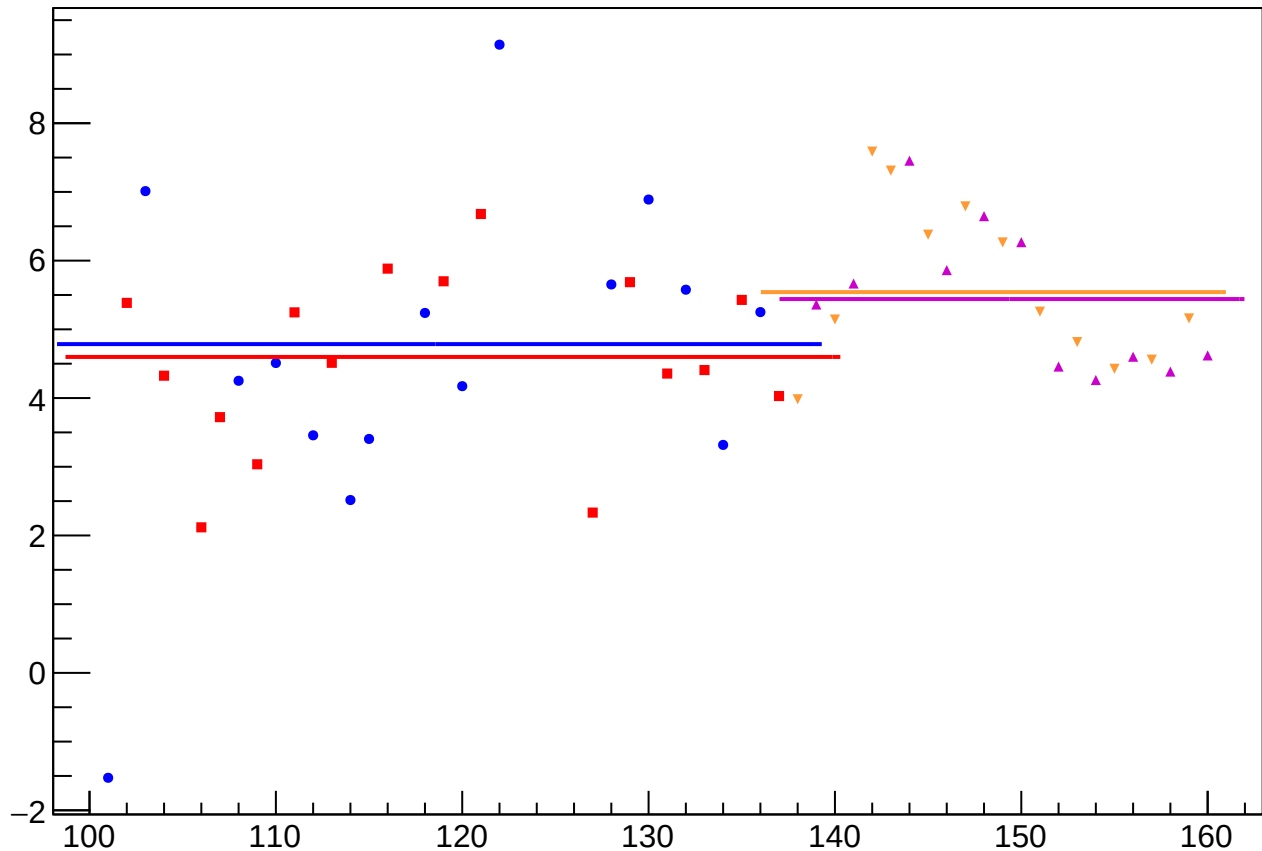
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_11X12X_coil6_mean vs Slug



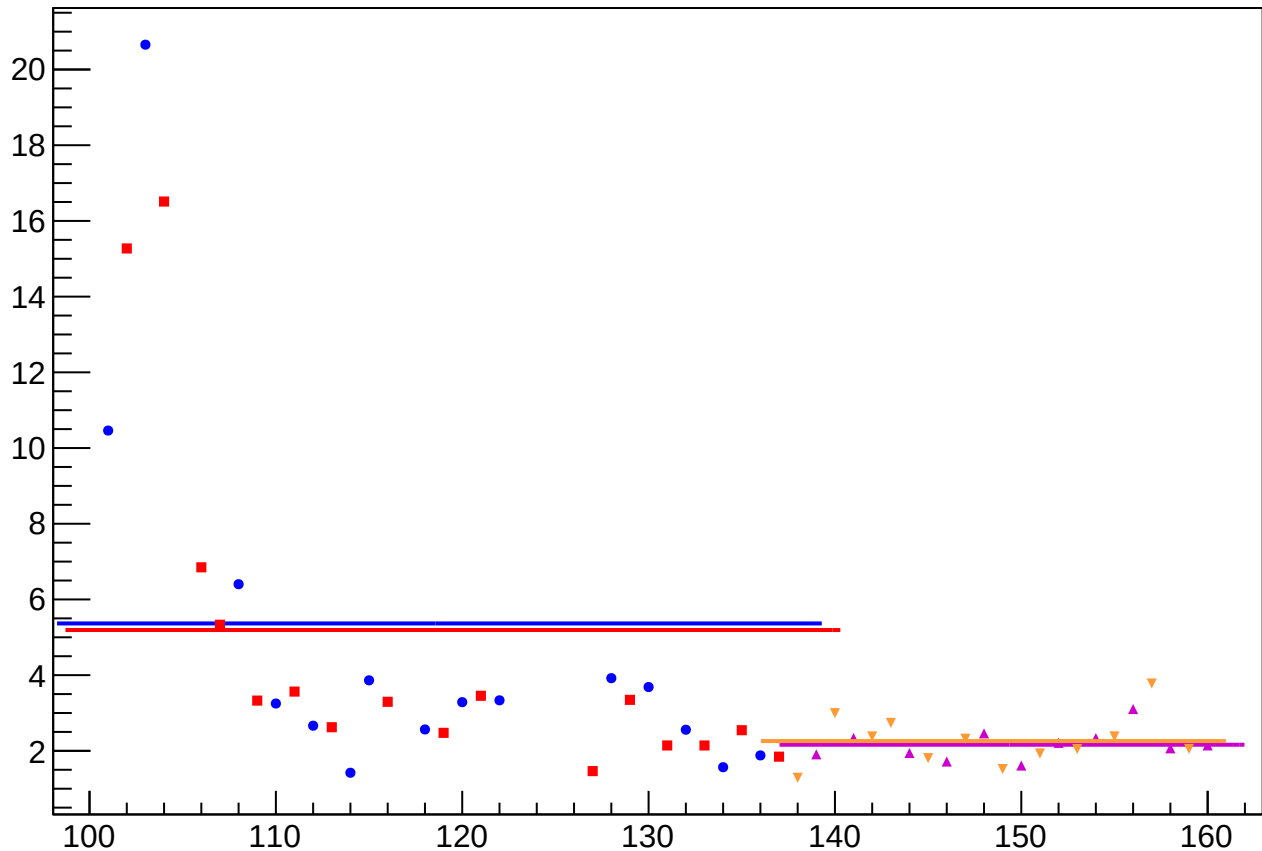
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14

Left Out: 2.259 $\pm$ 0.000 χ^2 /NDF: 395399614951959116127821516242944.0/11

Right Out: 5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15

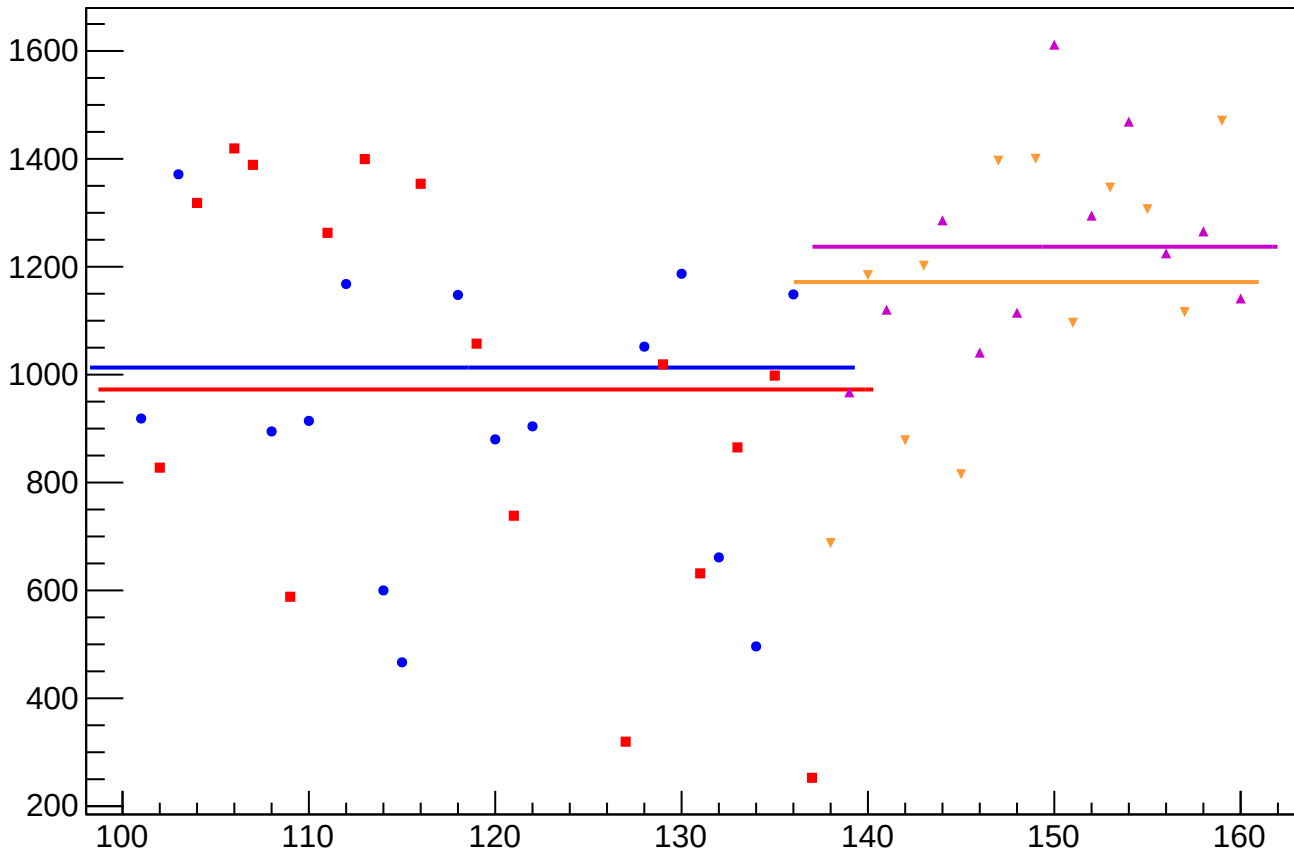
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ sign 3.549 $\pm$ 0.000 χ^2 /NDF: 22840324830189286

All: 3.490 $\pm$ 0.000 χ^2 /NDF: 42296939077680

- sign 3.432 $\pm$ 0.000 χ^2 /NDF: 19445829920618957

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

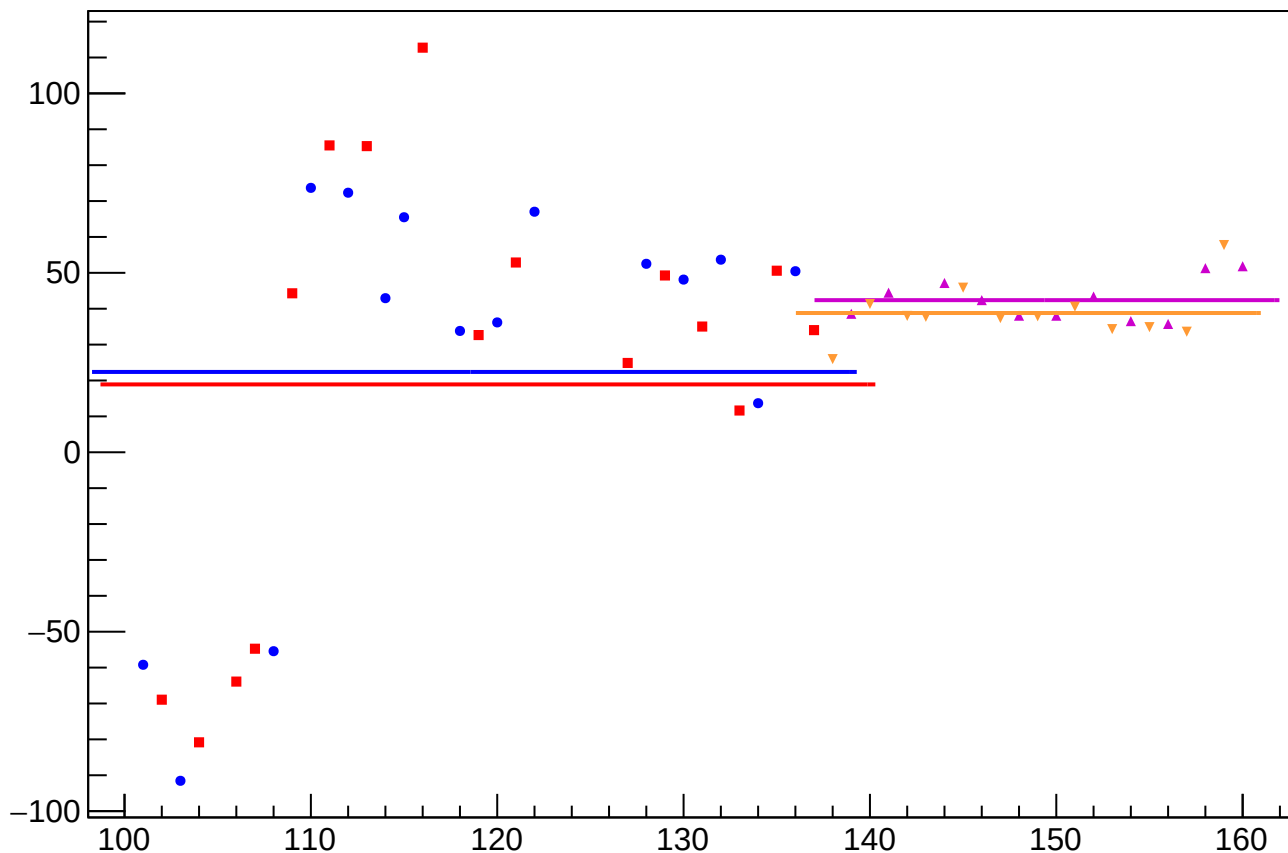
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



Right In: 22.385 $\pm$ 0.000 χ^2 /NDF: 1922260860023592637794094183323009024.0/14

Left Out: 38.806 $\pm$ 0.000 χ^2 /NDF: 51649905292188588204172531766132736.0/11

Right Out: 18.907 $\pm$ 0.000 χ^2 /NDF: 2182221808408156293593993992757837824.0/15

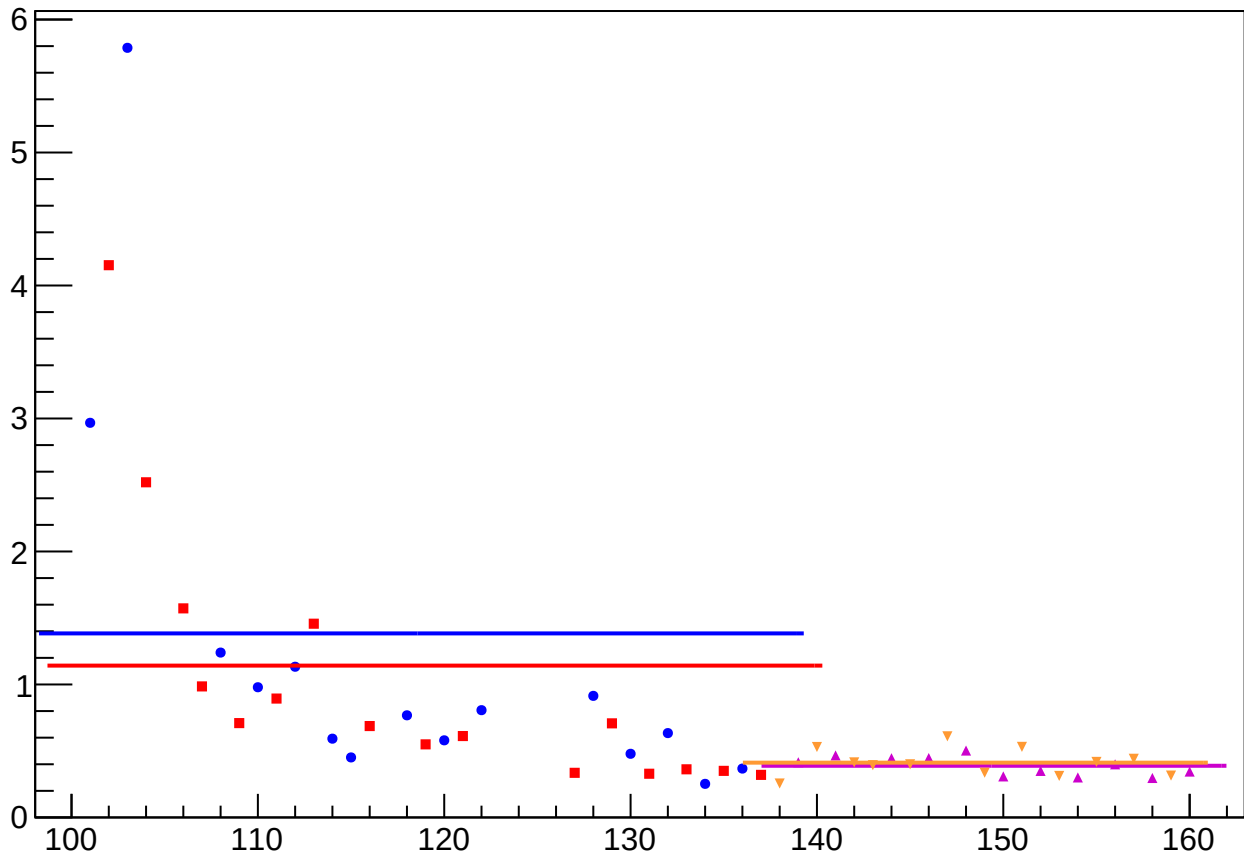
Left In: 42.386 $\pm$ 0.000 χ^2 /NDF: 26555660128562986553016927486214144.0/10

+ sign 31.987 $\pm$ 0.000 χ^2 /NDF: 2076251683338392

All: 32.268 $\pm$ 0.000 χ^2 /NDF: 4498818256205

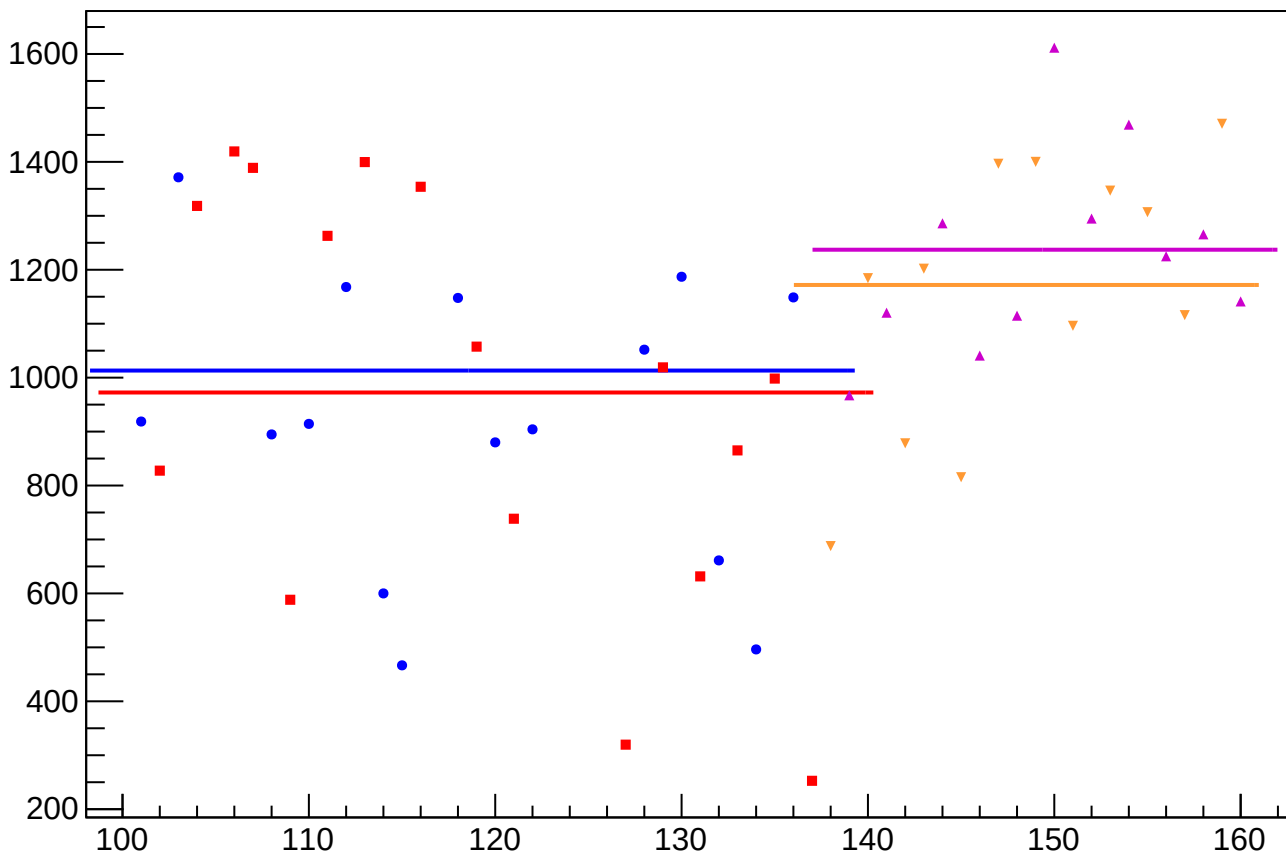
- sign 32.543 $\pm$ 0.000 χ^2 /NDF: 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000	χ^2/NDF : 1571159324102064120487940936695808.0/14	+ sign 0.816+/-0.000	χ^2/NDF : 19389895341035378
Left Out: 0.412+/-0.000	χ^2/NDF : 9382414275472018674983467220992.0/11	All: 0.760+/-0.000	χ^2/NDF : 2983619505756
Right Out: 1.142+/-0.000	χ^2/NDF : 810680738285448955223066212827136.0/15	- sign 0.704+/-0.000	χ^2/NDF : 10348725978885865
Left In: 0.389+/-0.000	χ^2/NDF : 4468112130112640641394154668032.0/10		

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

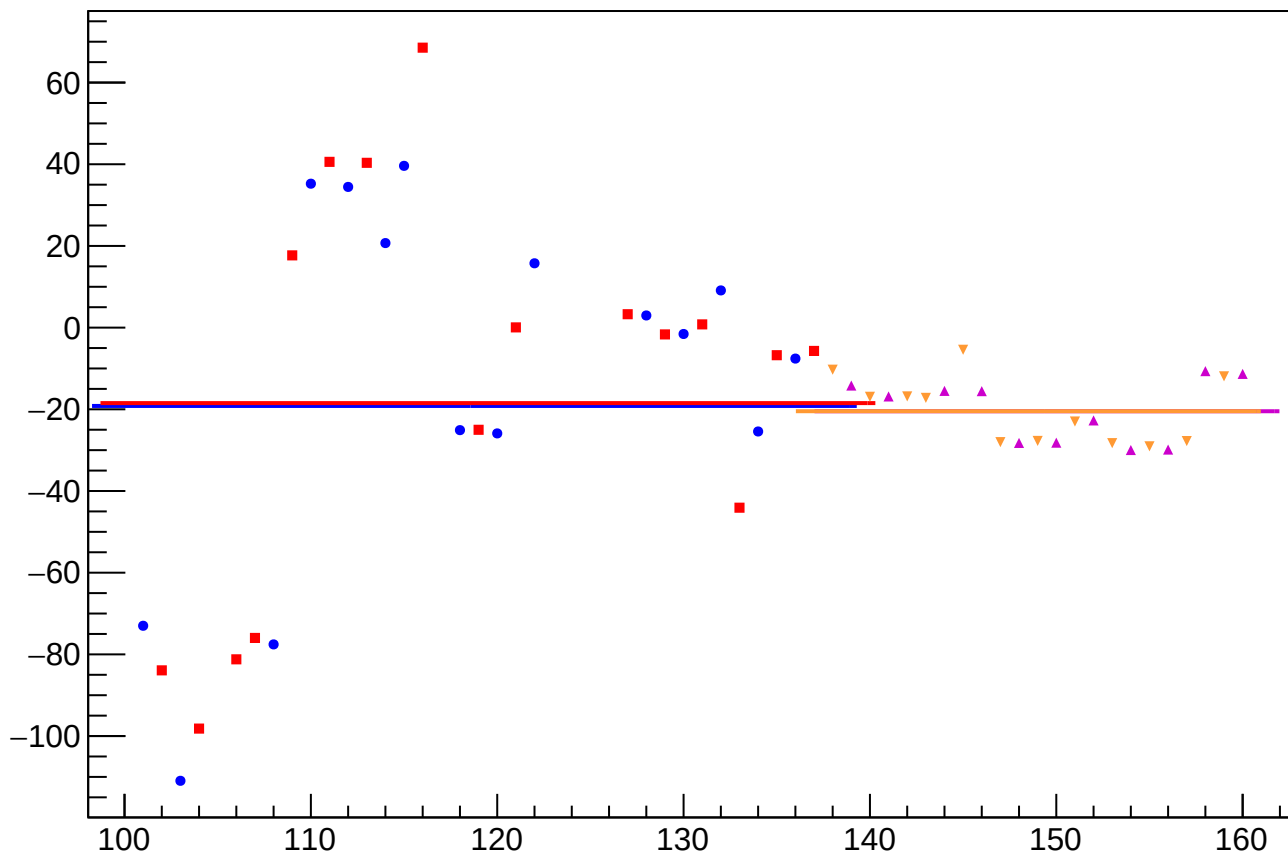
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 $\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$

Left Out: -20.466 ± 0.000 $\chi^2/\text{NDF}: 58628381923673457294433589512896512.0/11$

Right Out: -18.479 ± 0.000 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

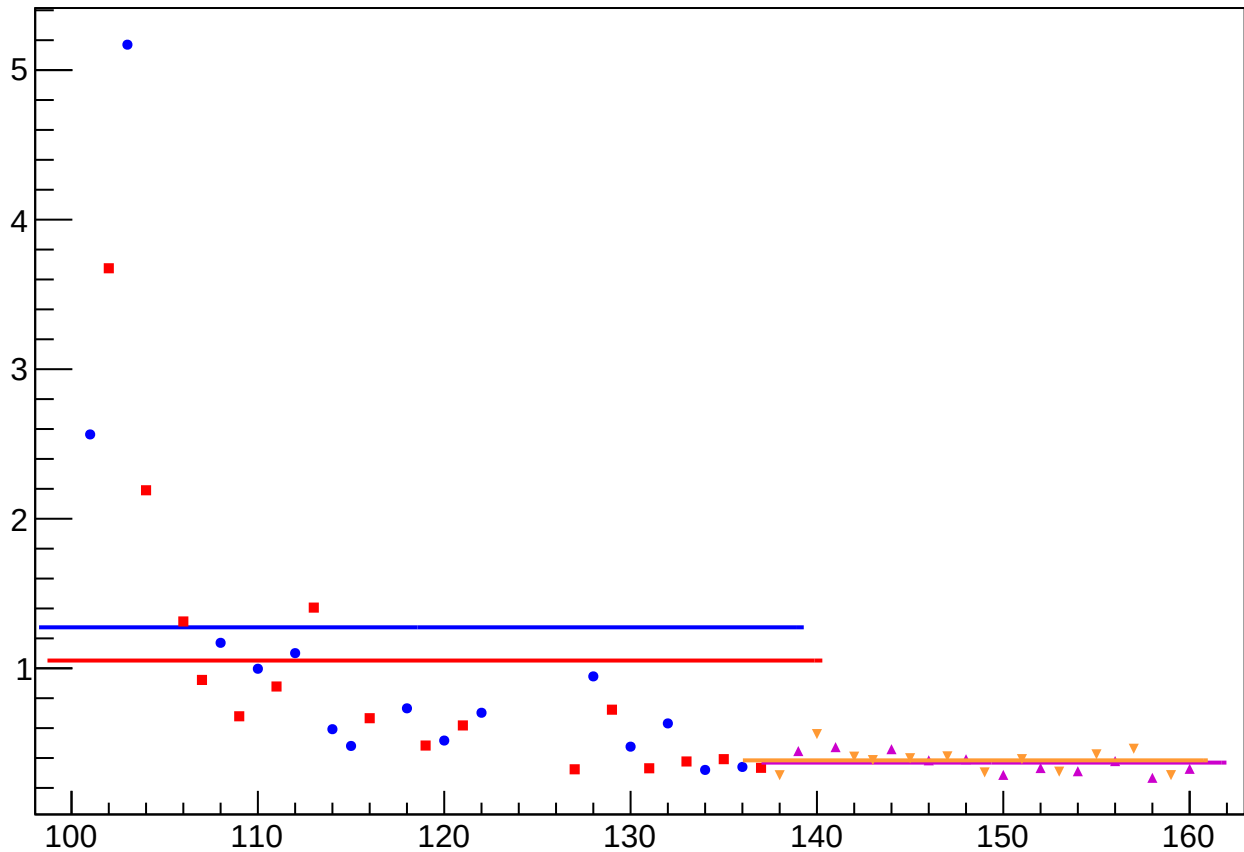
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

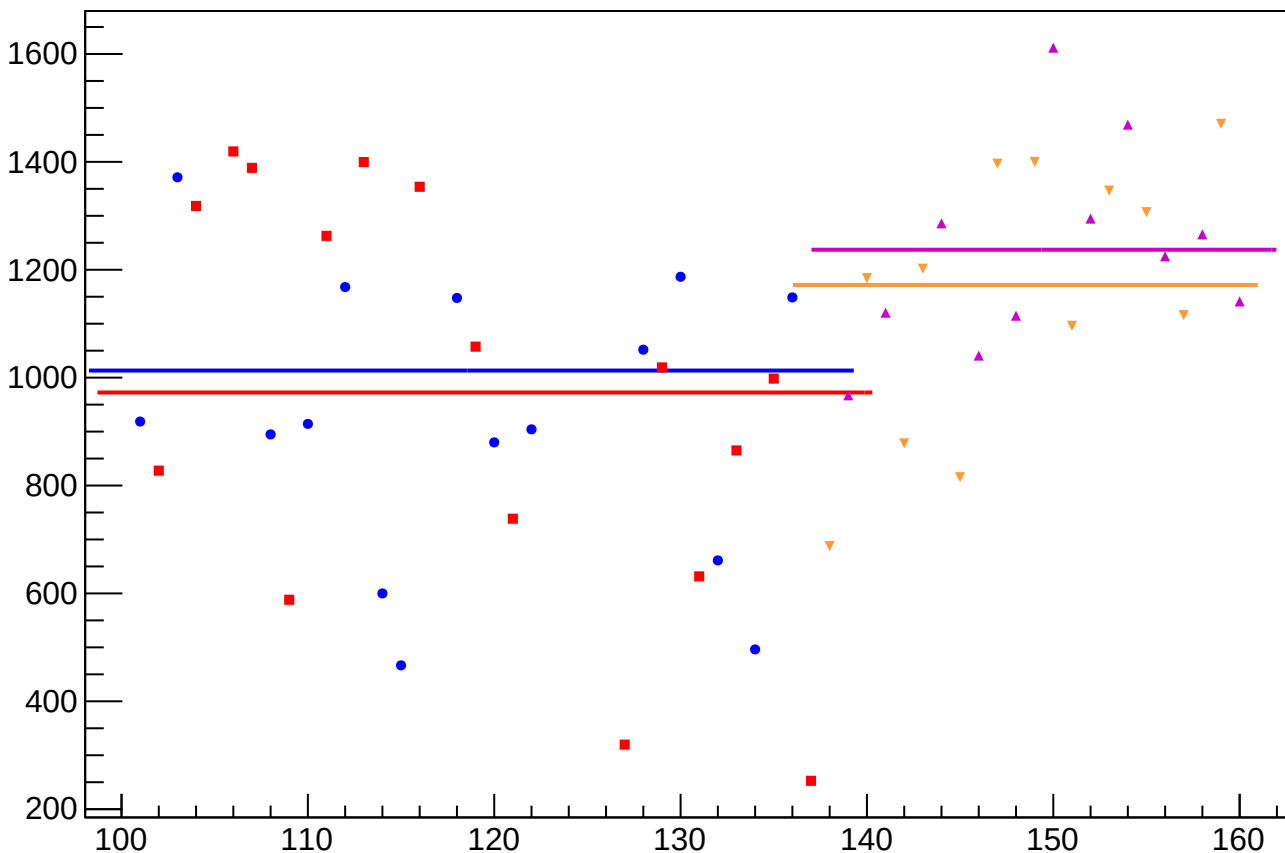
dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14
 Left Out: 0.384 $\pm$ 0.000 χ^2 /NDF: 5822322029078598268260129439744.0/11
 Right Out: 1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15
 Left In: 0.369 $\pm$ 0.000 χ^2 /NDF: 4166350638848138676707816112128.0/10

+ sign 0.754 $\pm$ 0.000 χ^2 /NDF: 15182280868824468
 All: 0.704 $\pm$ 0.000 χ^2 /NDF: 2317786361226
 - sign 0.655 $\pm$ 0.000 χ^2 /NDF: 79193916268828881

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

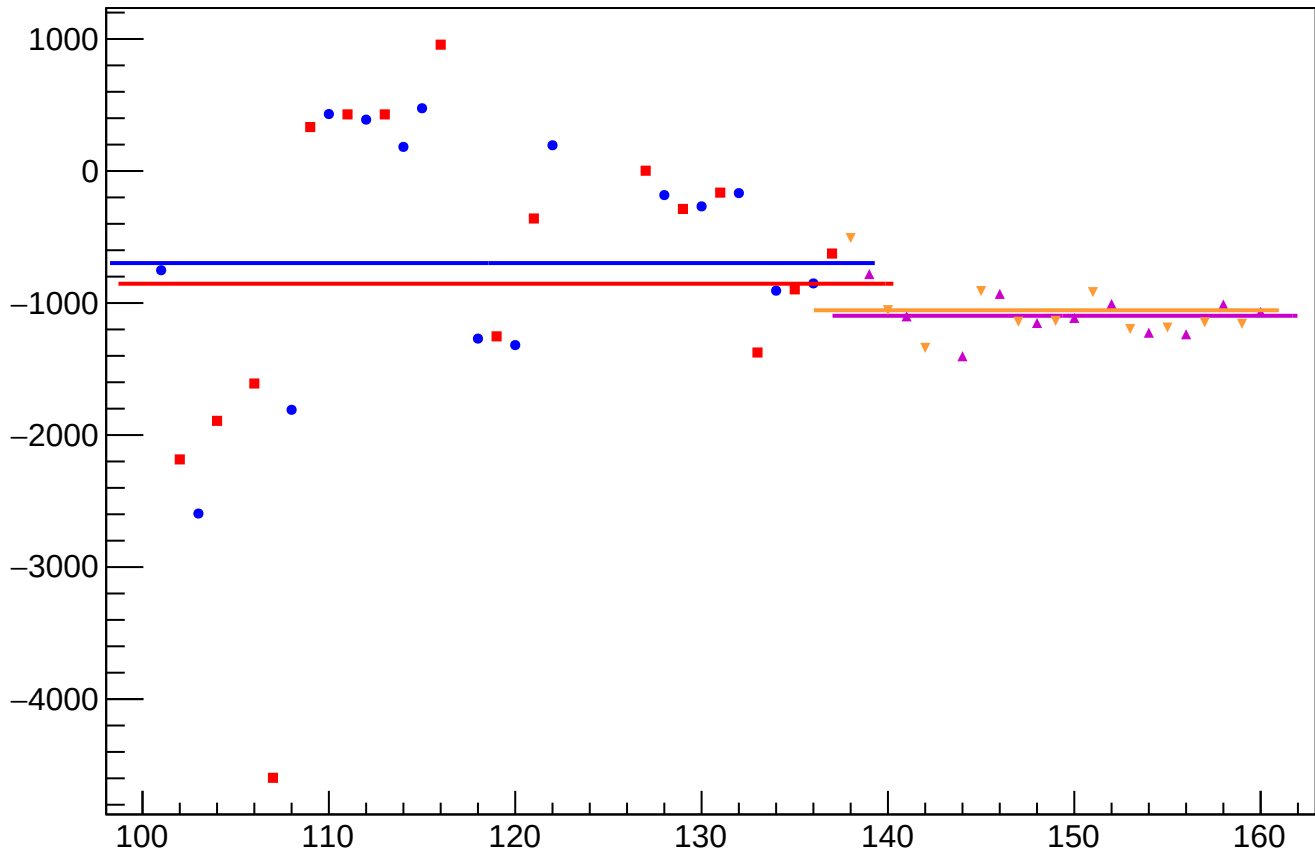
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

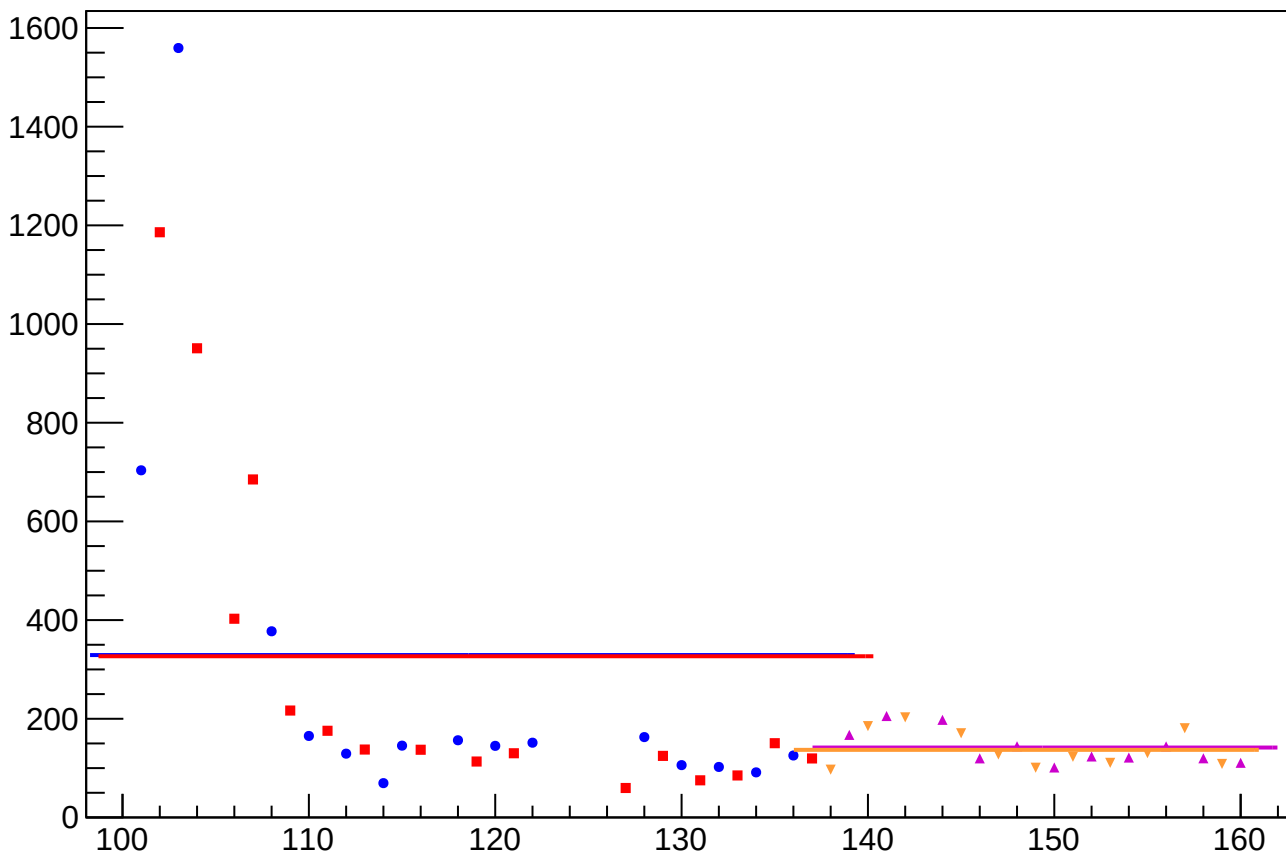
dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000	χ^2/NDF : 490435790698133828475769692944364208128.0/14
Left Out: -1054.675+/-0.000	χ^2/NDF : 35893414561751289831028004535805149184.0/10
Right Out: -853.734+/-0.000	χ^2/NDF : 1078379020126412317155932275156201766912.0/15
Left In: -1096.508+/-0.000	χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -899.630+/-0.000 χ^2/NDF : 57326318903301
 All: -948.643+/-0.000 χ^2/NDF : 17048438468
 - sign -994.729+/-0.000 χ^2/NDF : 11246076469589

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 137.012+/-0.000 χ^2/NDF : 1014362817438194132709655172622581760.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

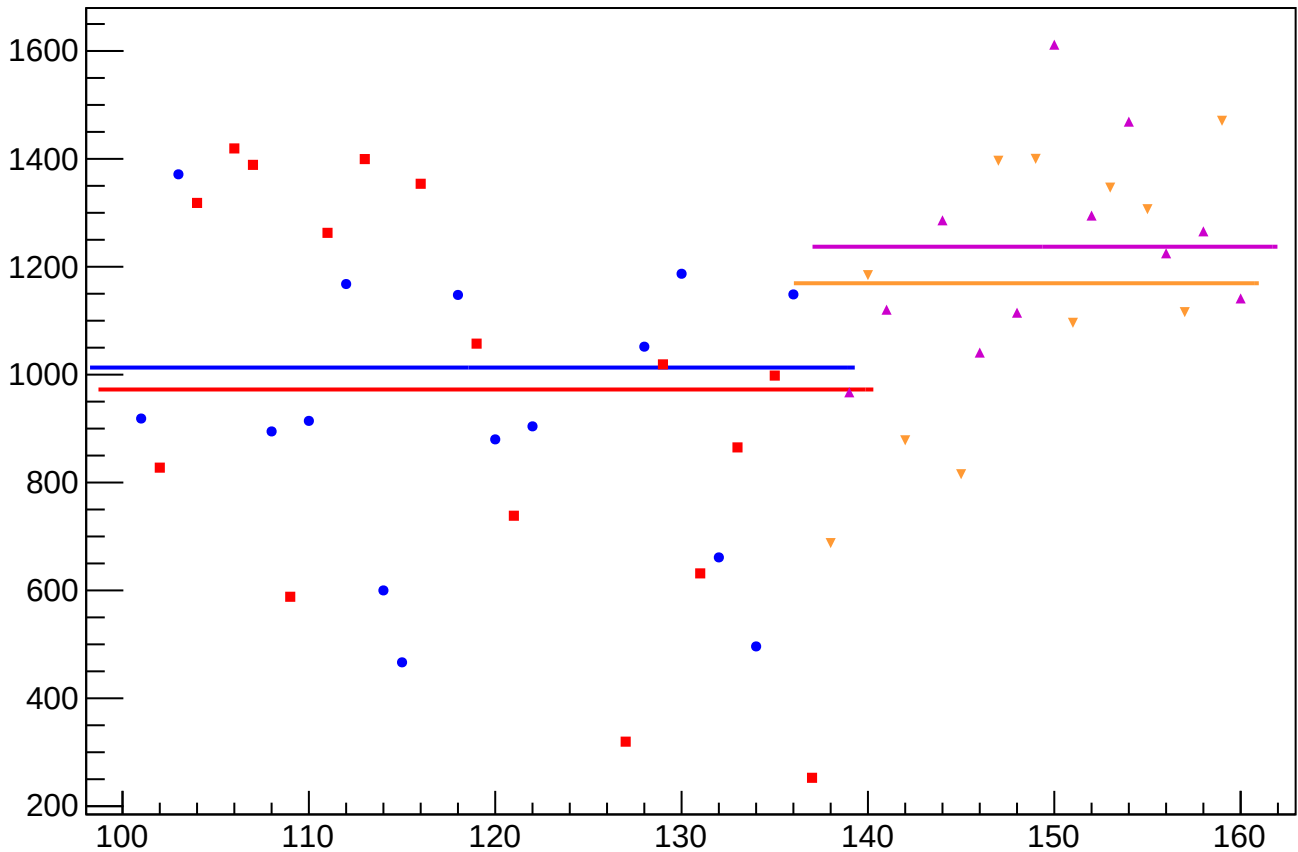
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

All: 219.782+/-0.000 χ^2/NDF : 233310972456

- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

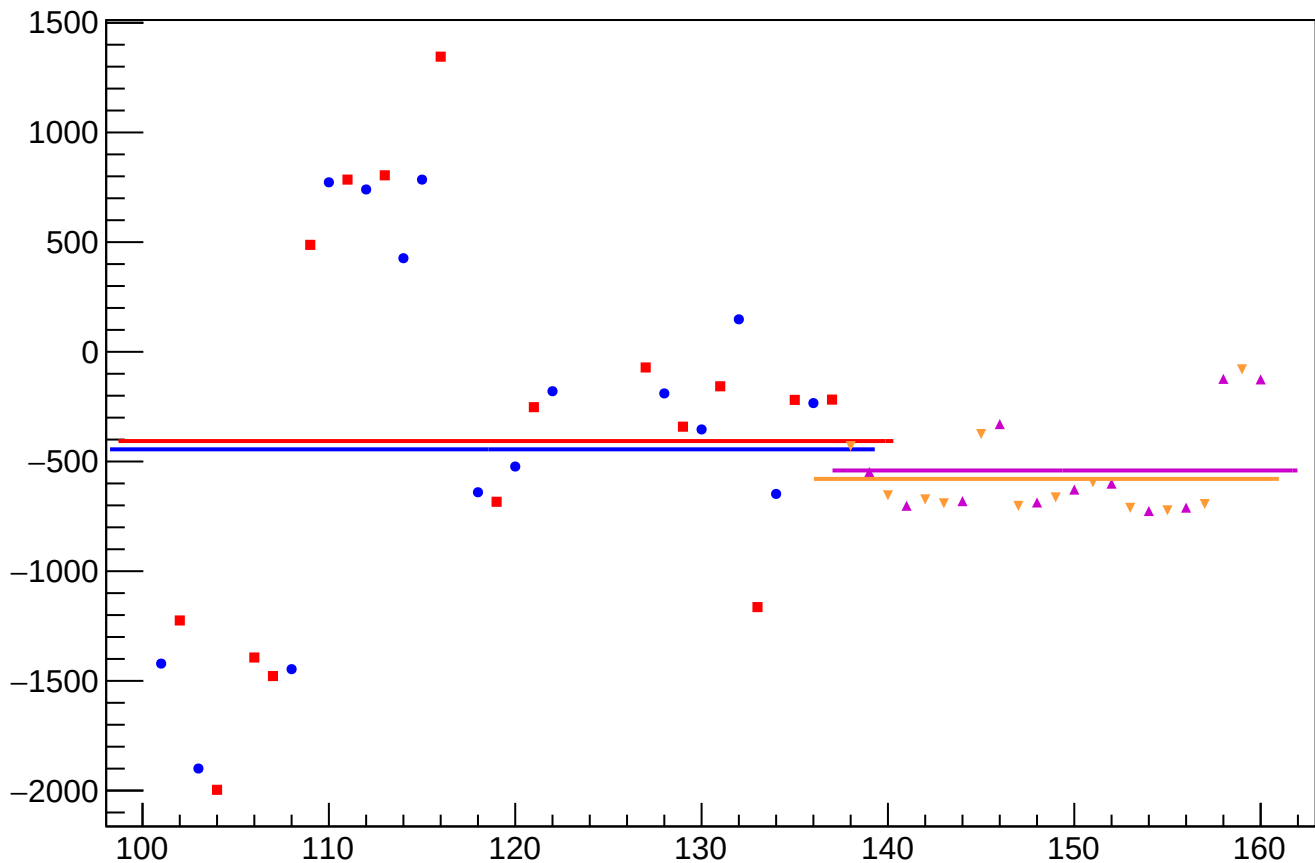
dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 1169.420+/-0.000	χ^2/NDF : 52359058528484212152975817930553950208.0/10
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1101.625+/-0.000 χ^2/NDF : 93053988598295
 All: 1114.283+/-0.000 χ^2/NDF : 22986564555
 - sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593

Left Out: -579.272+/-0.000 χ^2/NDF : 32584581524528860941595597407042666496.0/11

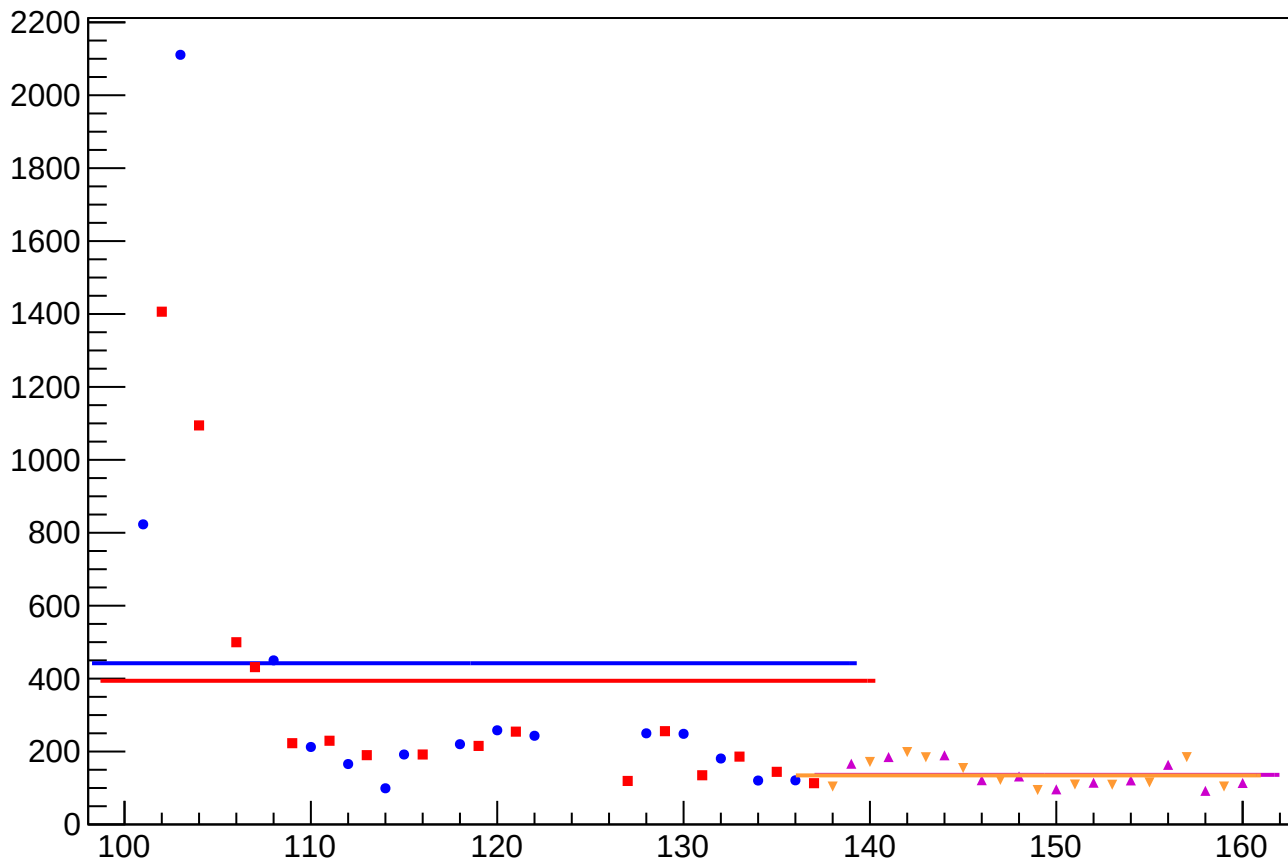
All: -503.795+/-0.000 χ^2/NDF : 10158993354

Right Out: -406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15

- sign -484.617+/-0.000 χ^2/NDF : 578759927131057

Left In: -540.842+/-0.000 χ^2/NDF : 42670193317497817911030367466366697472.0/10

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562+/-0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

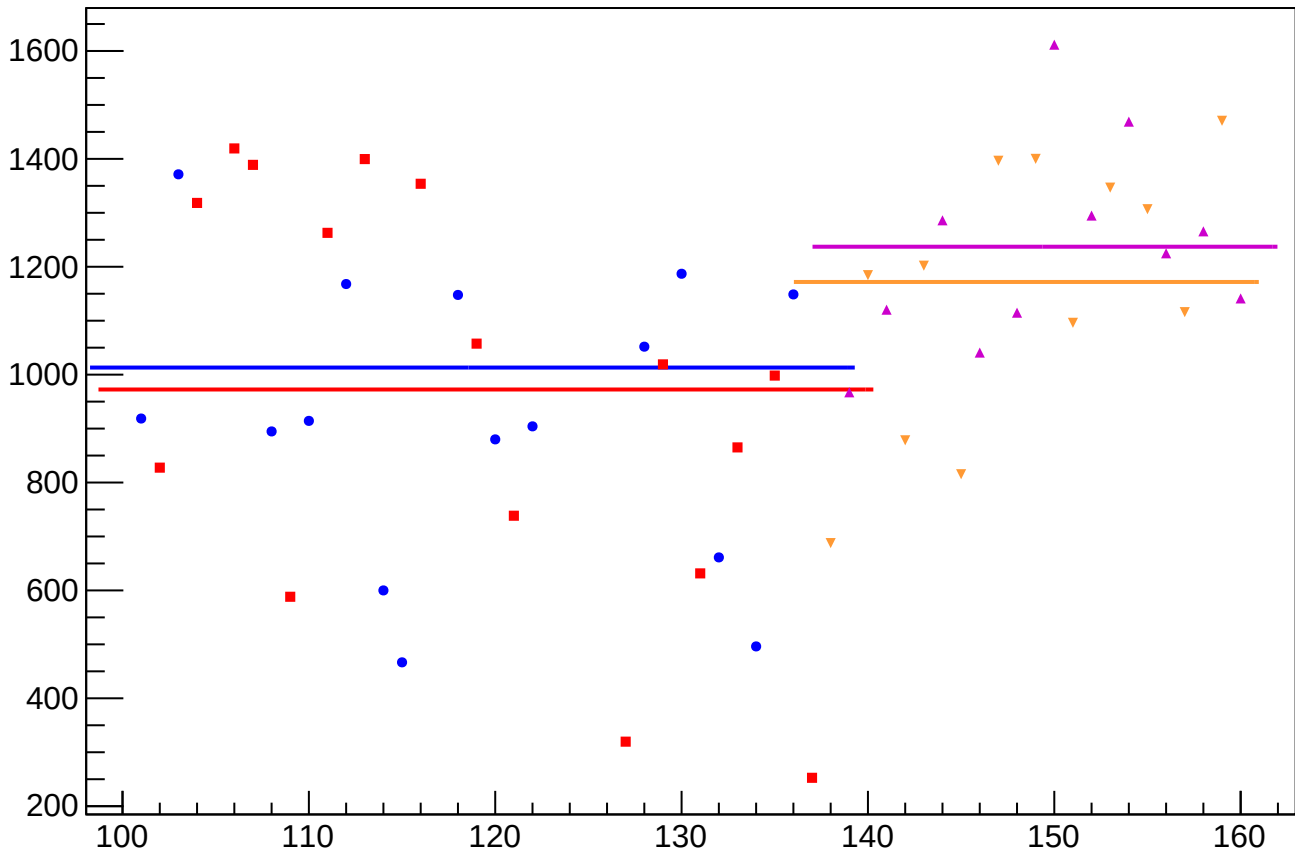
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286+/-0.000 χ^2/NDF : 241048188566854

All: 253.162+/-0.000 χ^2/NDF : 37398353308

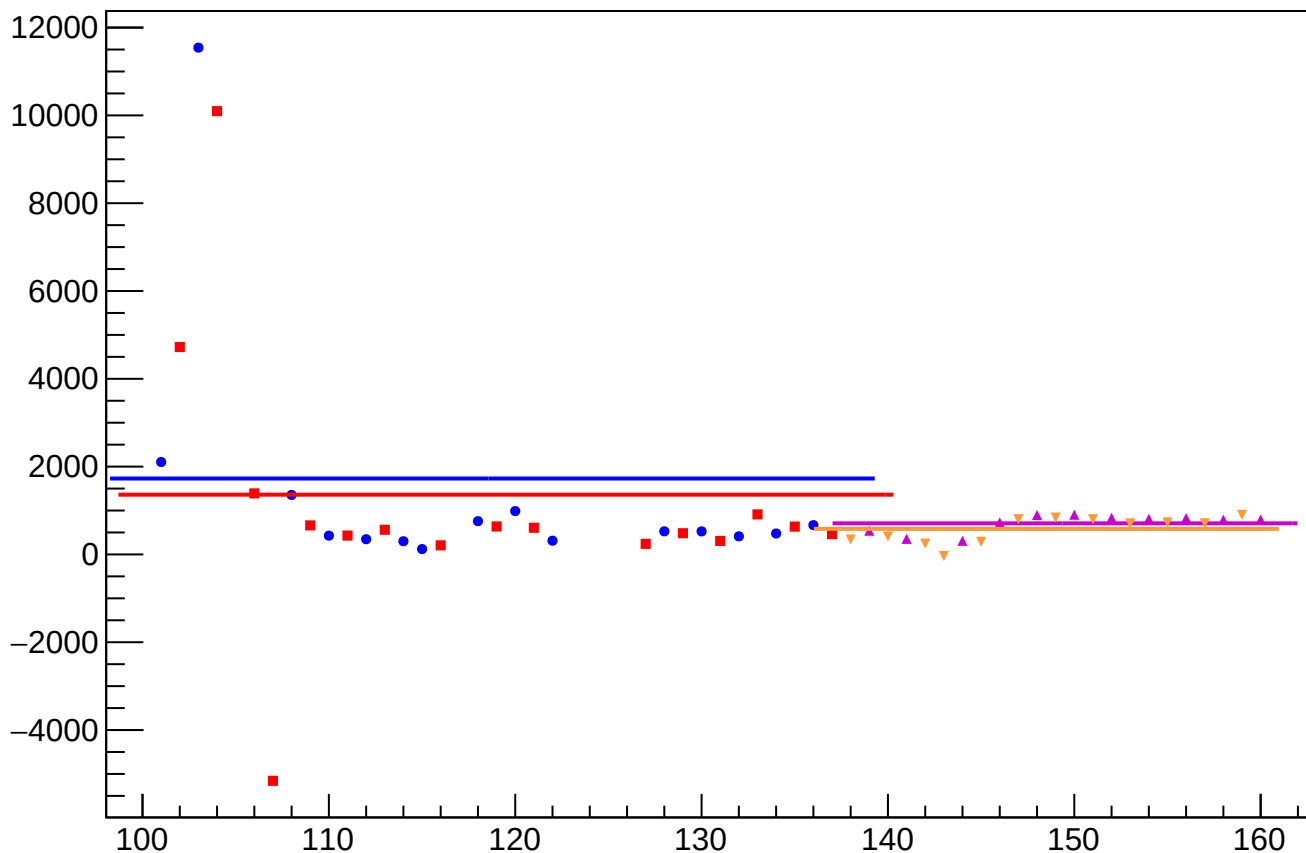
- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



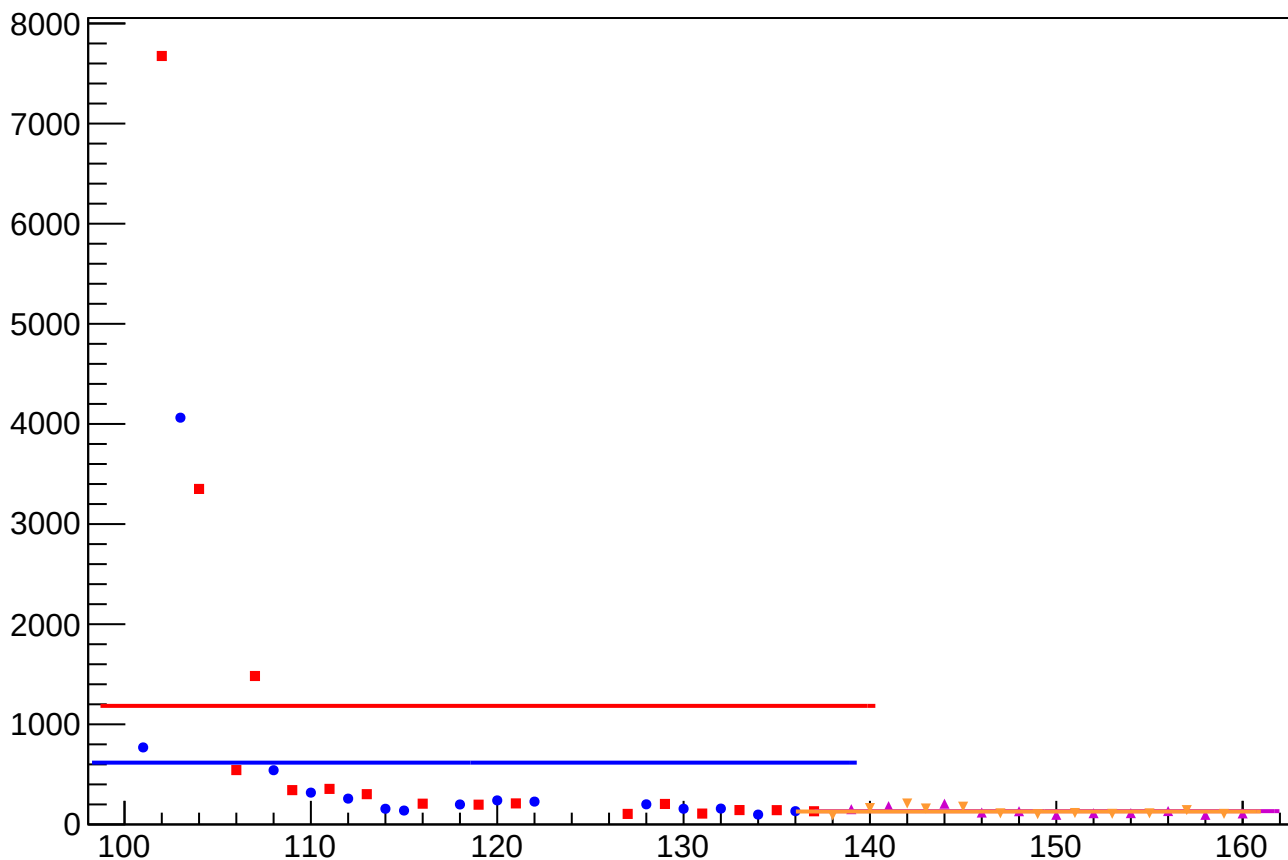
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152+/-0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10
 All: 1019.669+/-0.000 χ^2/NDF : 13621932895
 + sign 1058.360+/-0.000 χ^2/NDF : 69823808255157
 - sign 981.659+/-0.000 χ^2/NDF : 663491357929352

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

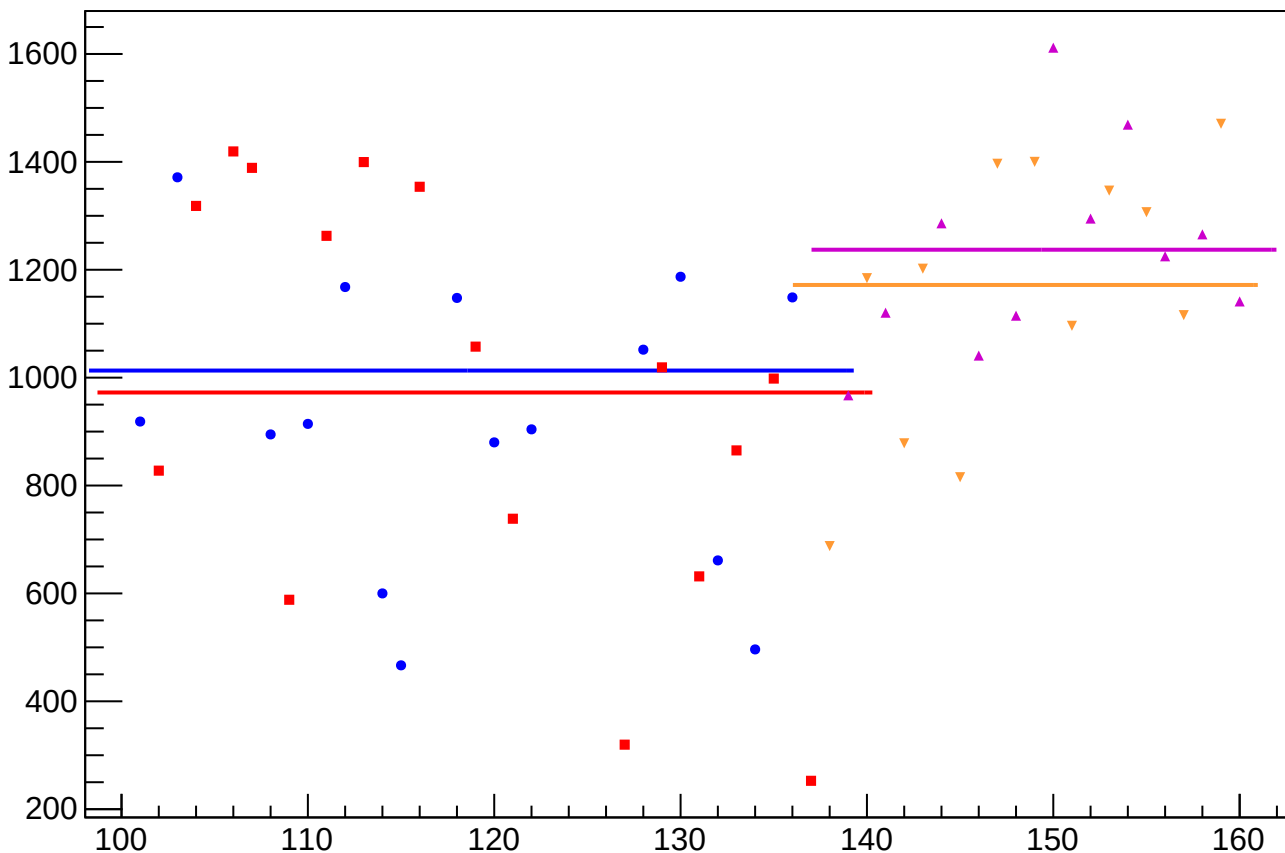
All: 453.895+/-0.000 χ^2/NDF : 452656903212

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

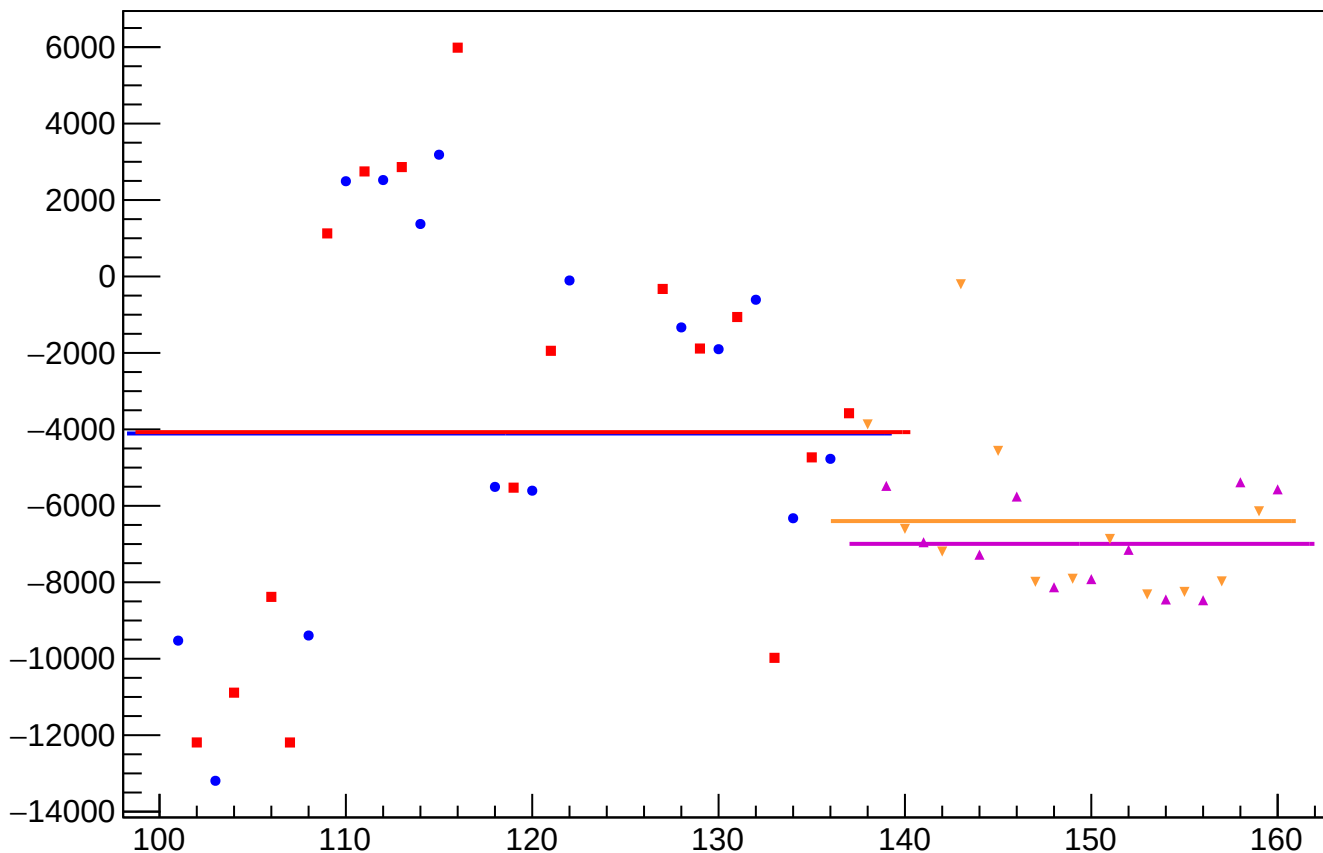
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

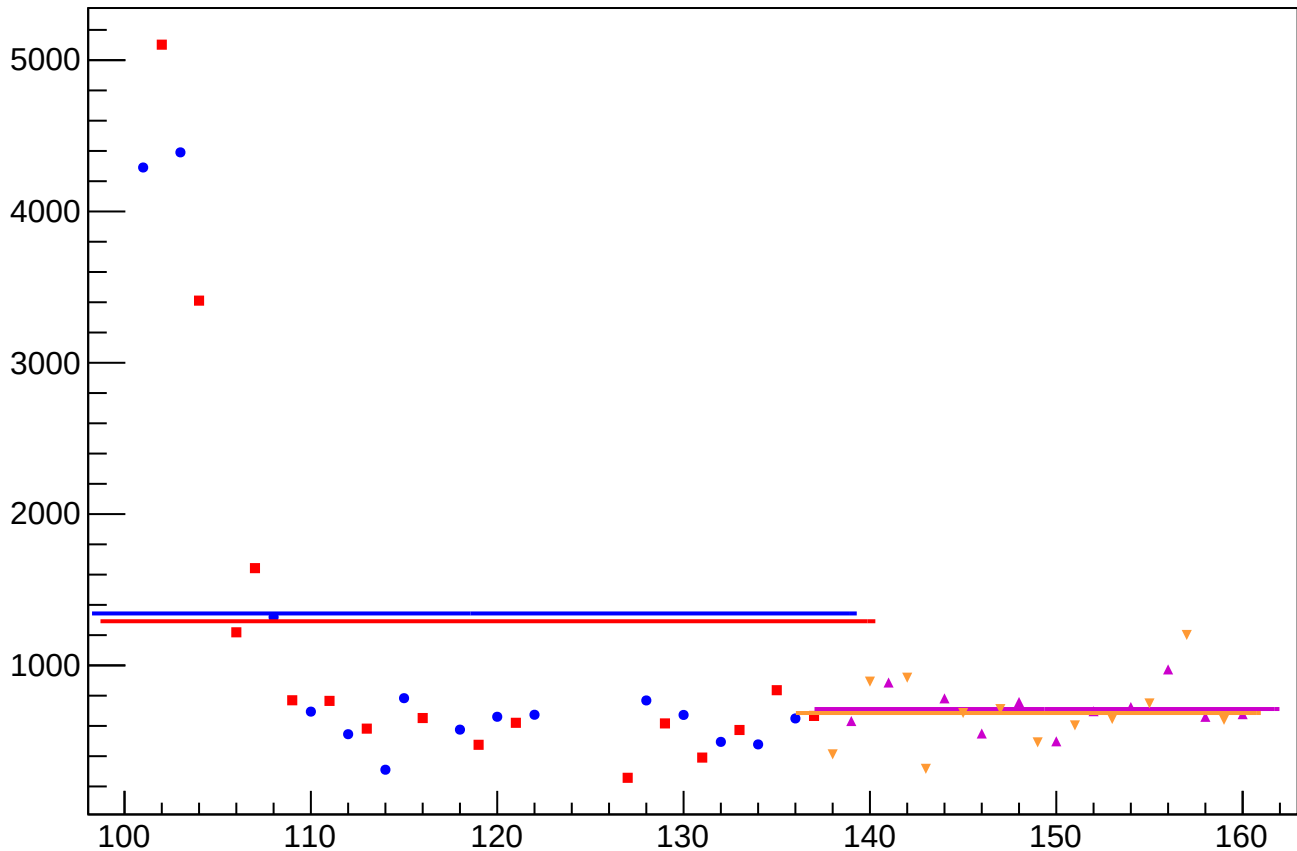
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6398.906+/-0.000	χ^2/NDF : 4560292812943761149136938286094472970240.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

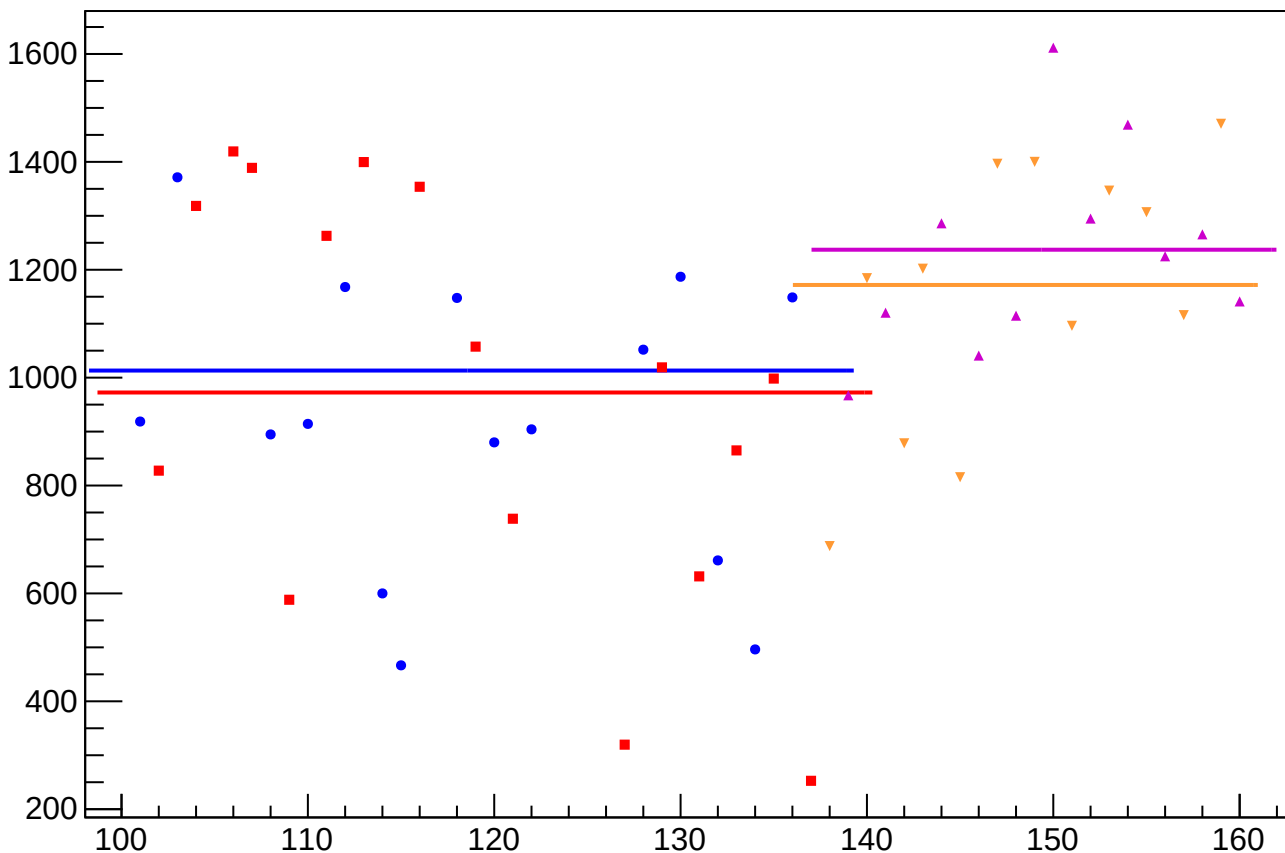
+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 685.307+/-0.000 χ^2/NDF : 46333249080985813233742212153458294784.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

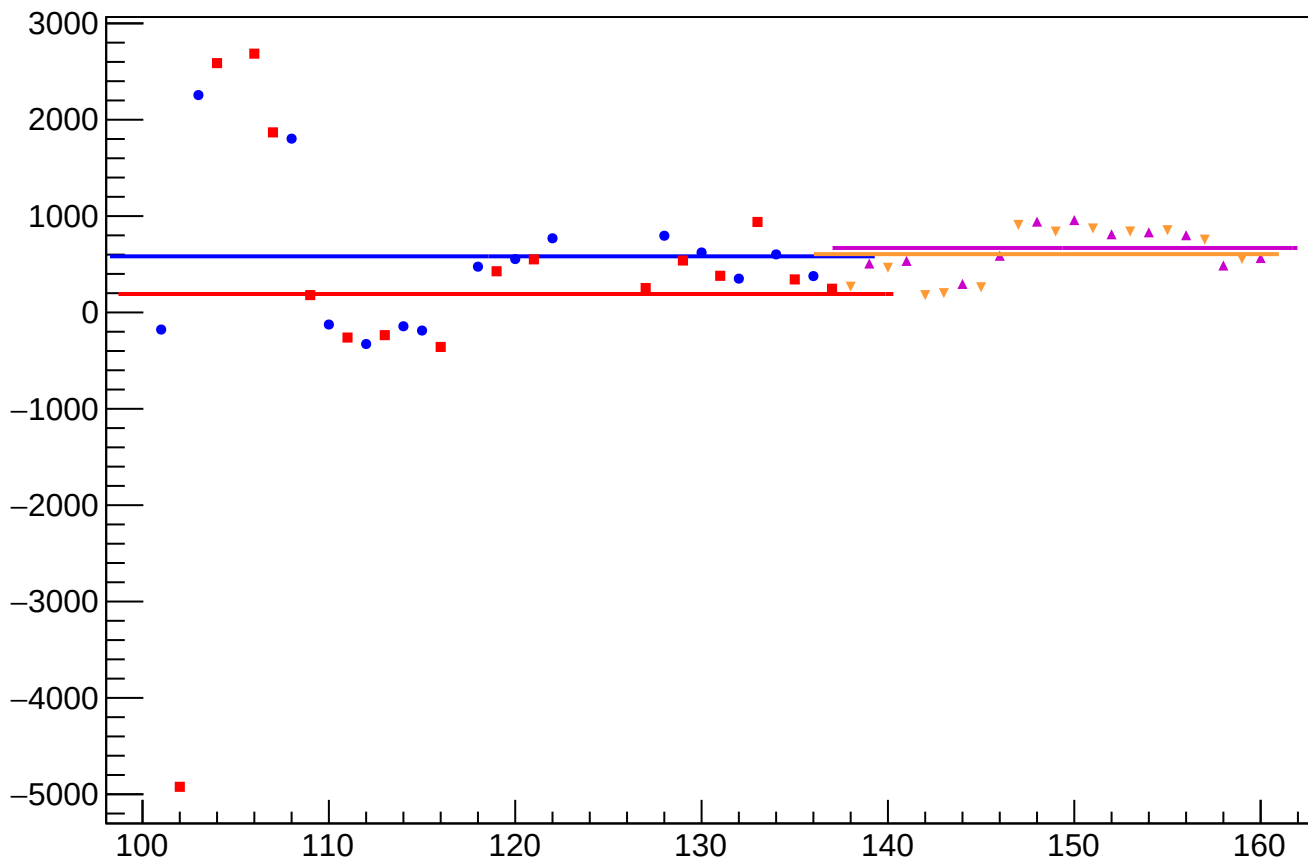
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333+/-0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

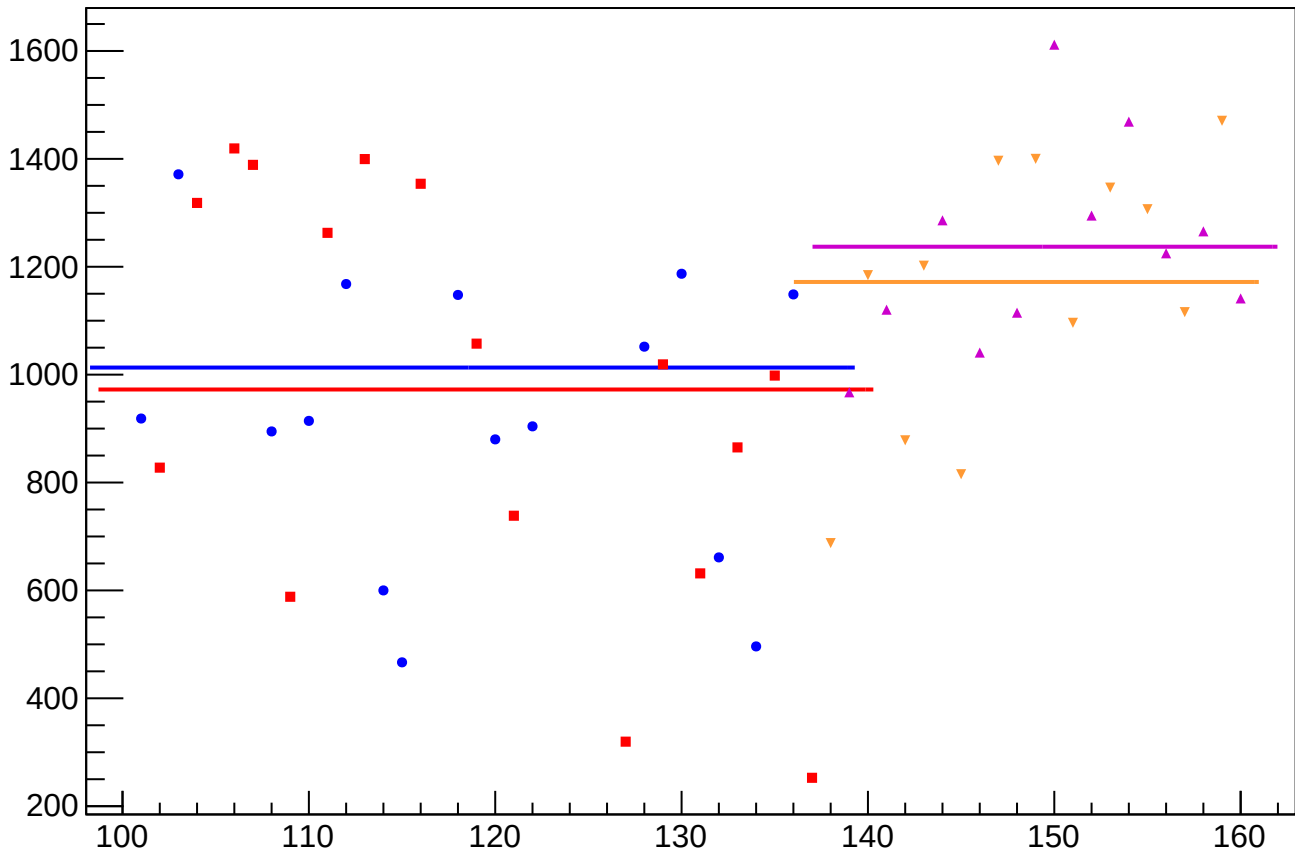
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ sign 308.422+/-0.000 χ^2/NDF : 475799684039922

All: 375.901+/-0.000 χ^2/NDF : 32587788805

- sign 442.194+/-0.000 χ^2/NDF : 276887014570090

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

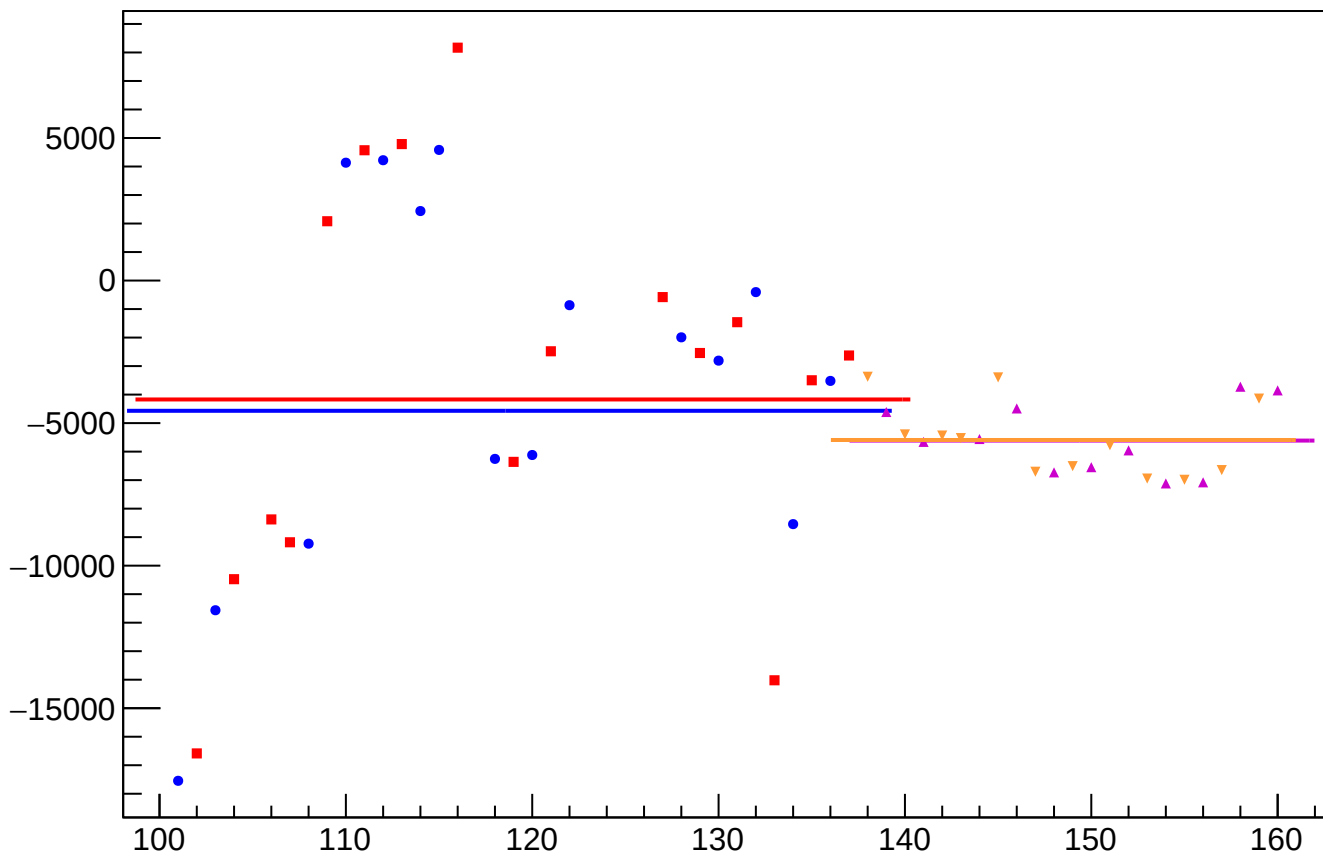
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

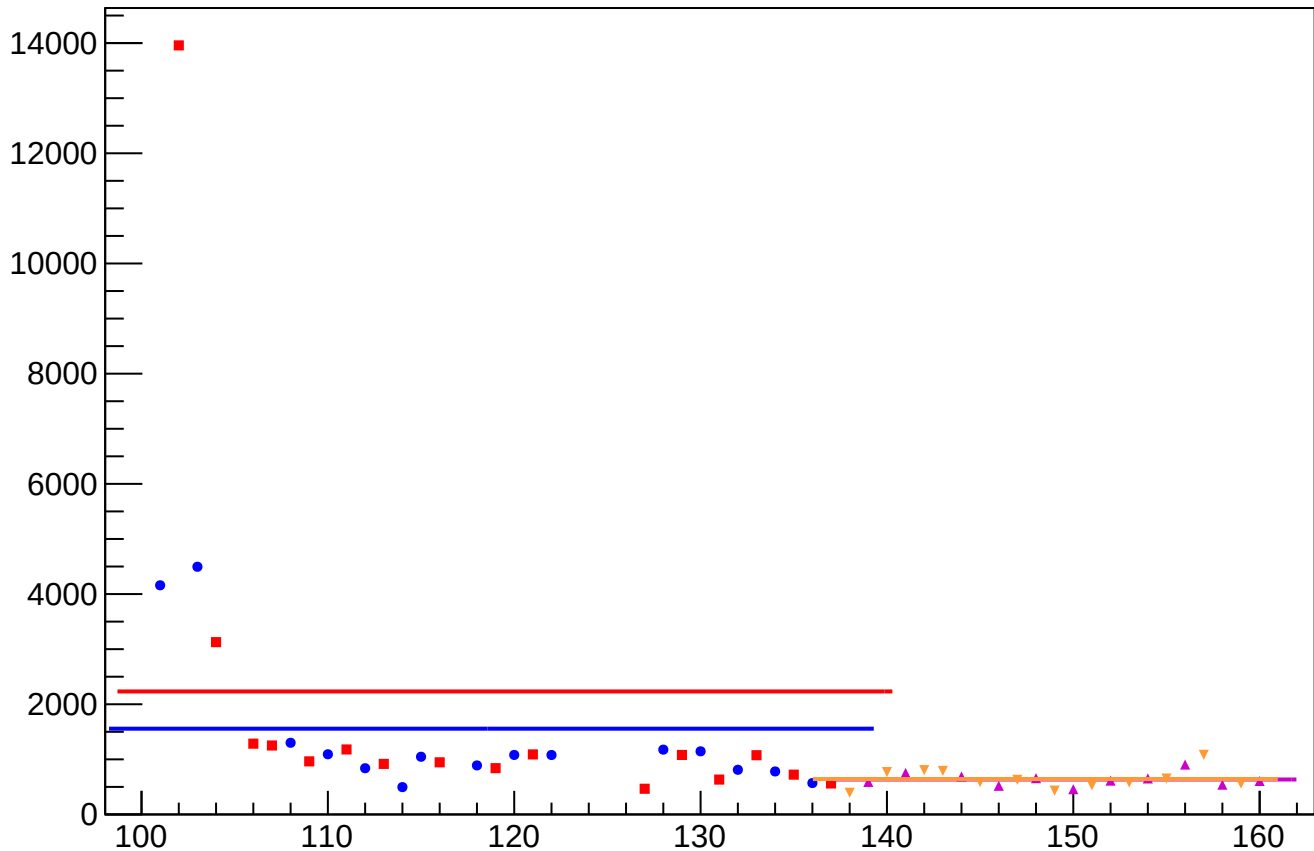
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5592.357+/-0.000	χ^2/NDF : 1502507998590915650067934753088681803776.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

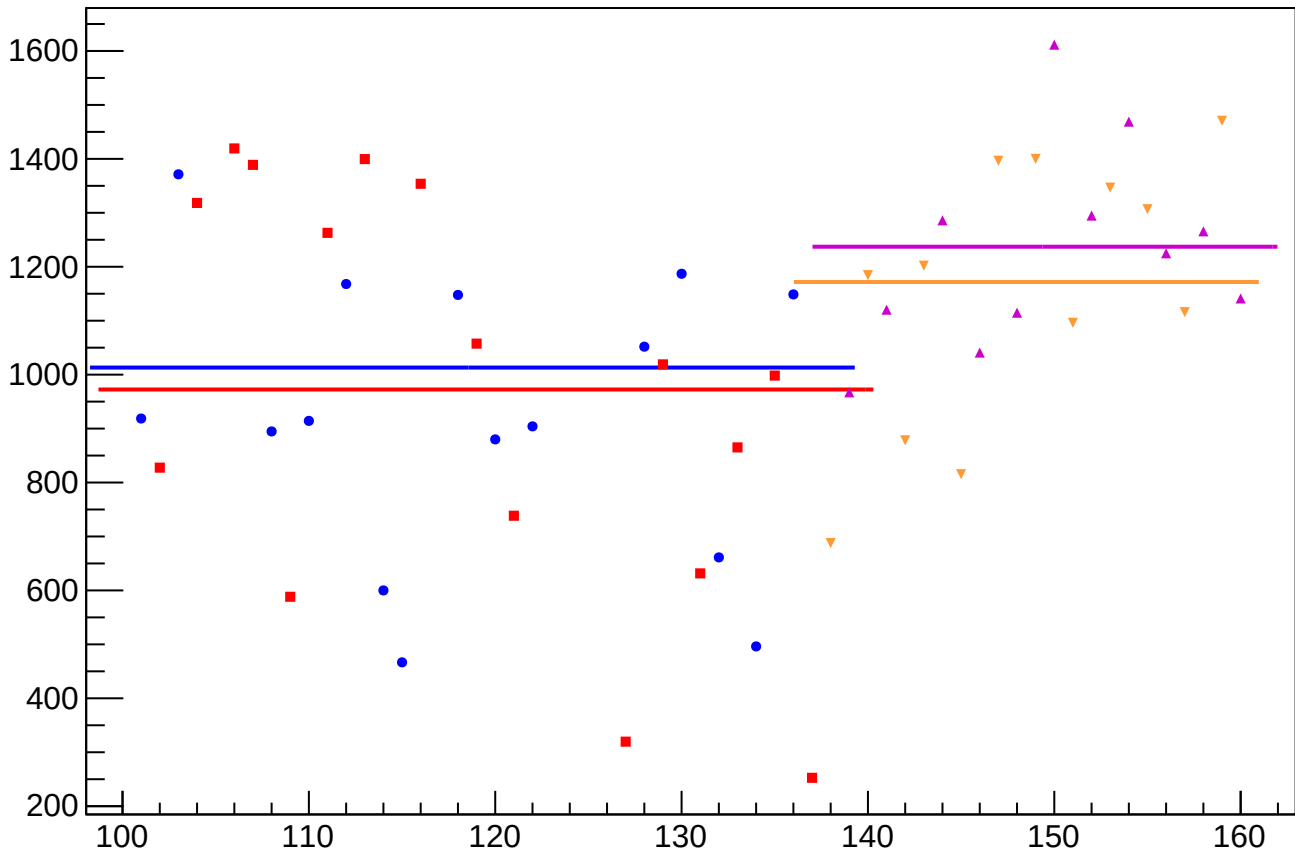
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



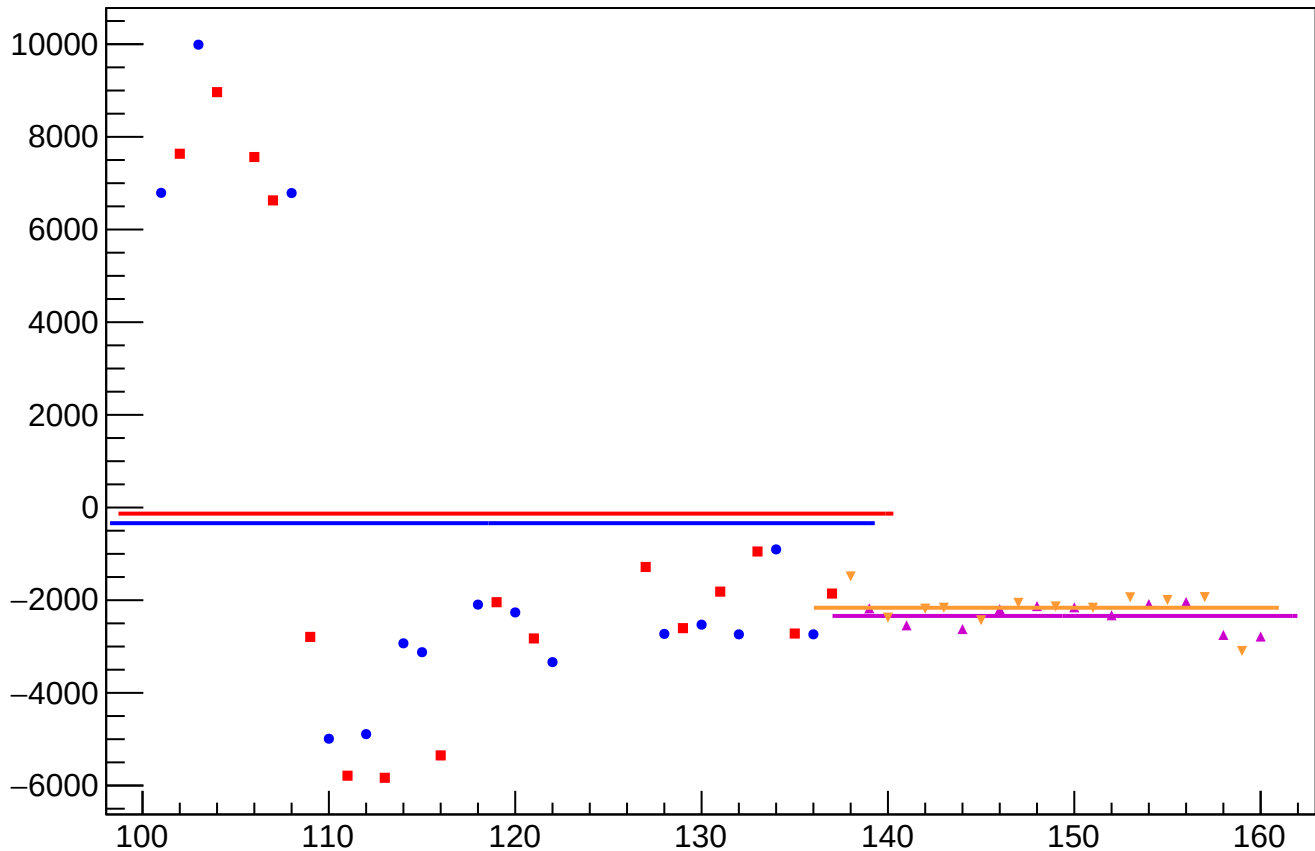
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14

+ sign -1405.071+/-0.000 χ^2/NDF : 1654286779746

Left Out: -2162.857+/-0.000 χ^2/NDF : 126332275232930257638482620391759020032.0/11

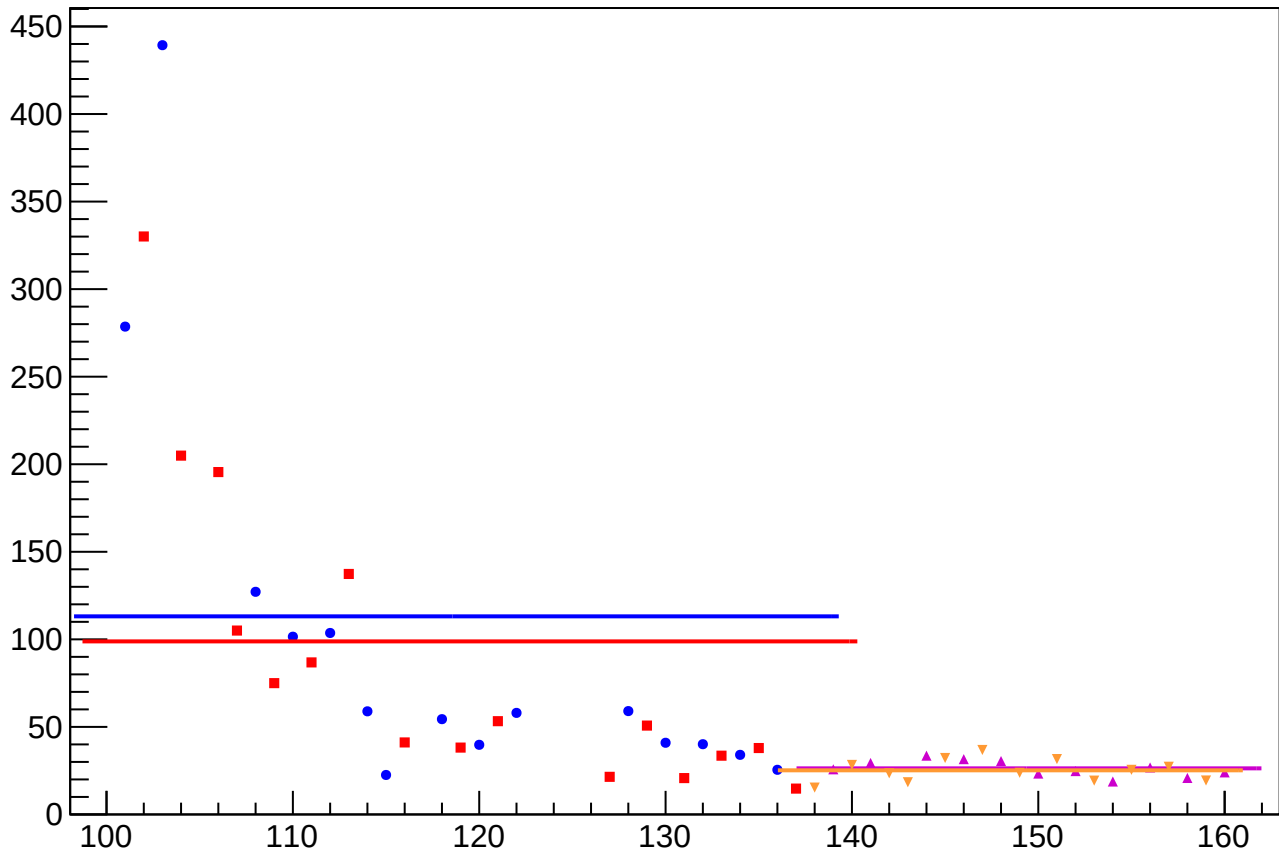
All: -1409.541+/-0.000 χ^2/NDF : 3496770485

Right Out: -131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15

- sign -1413.933+/-0.000 χ^2/NDF : 18424775138160

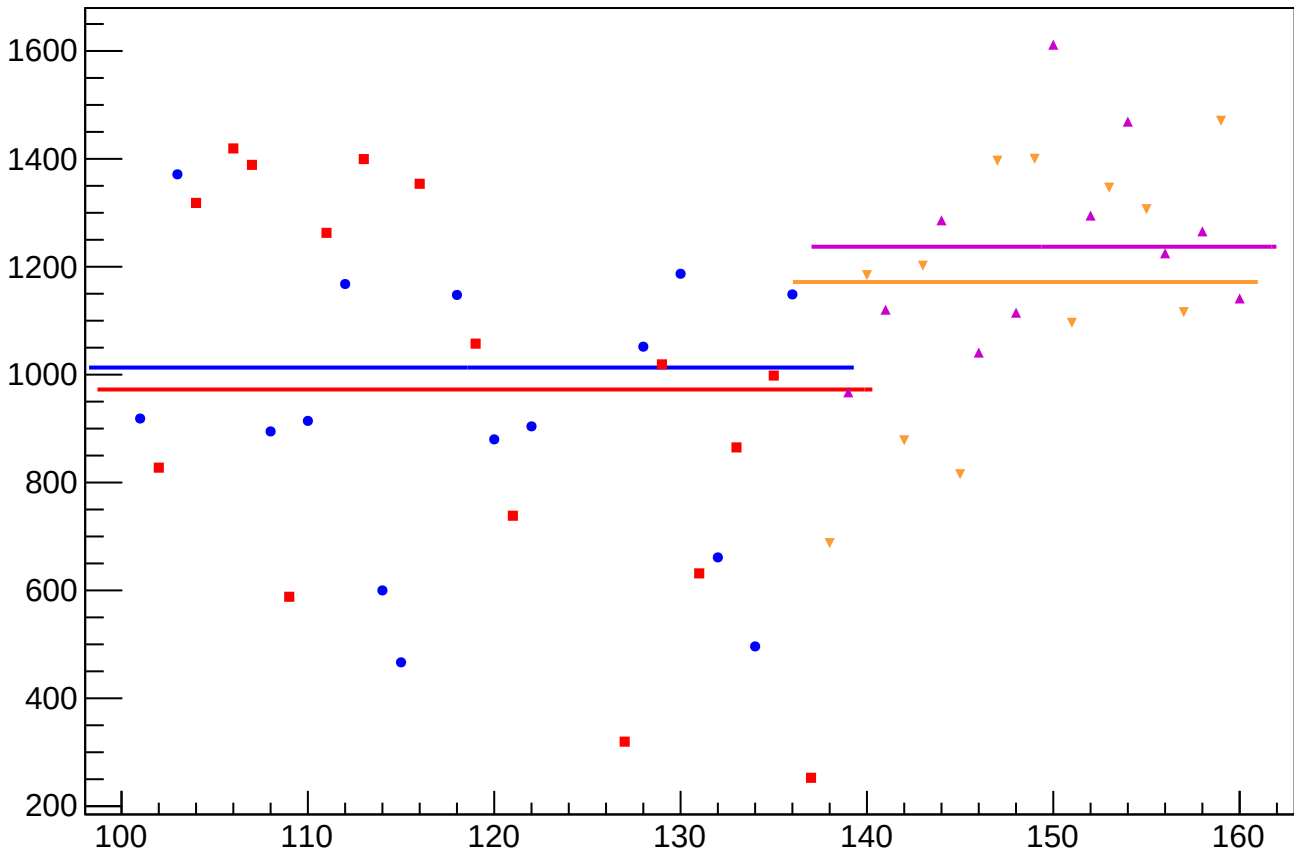
Left In: -2339.639+/-0.000 χ^2/NDF : 62860144247456957543810906284181422080.0/10

dit_sam1_coil6_err_mean vs Slug



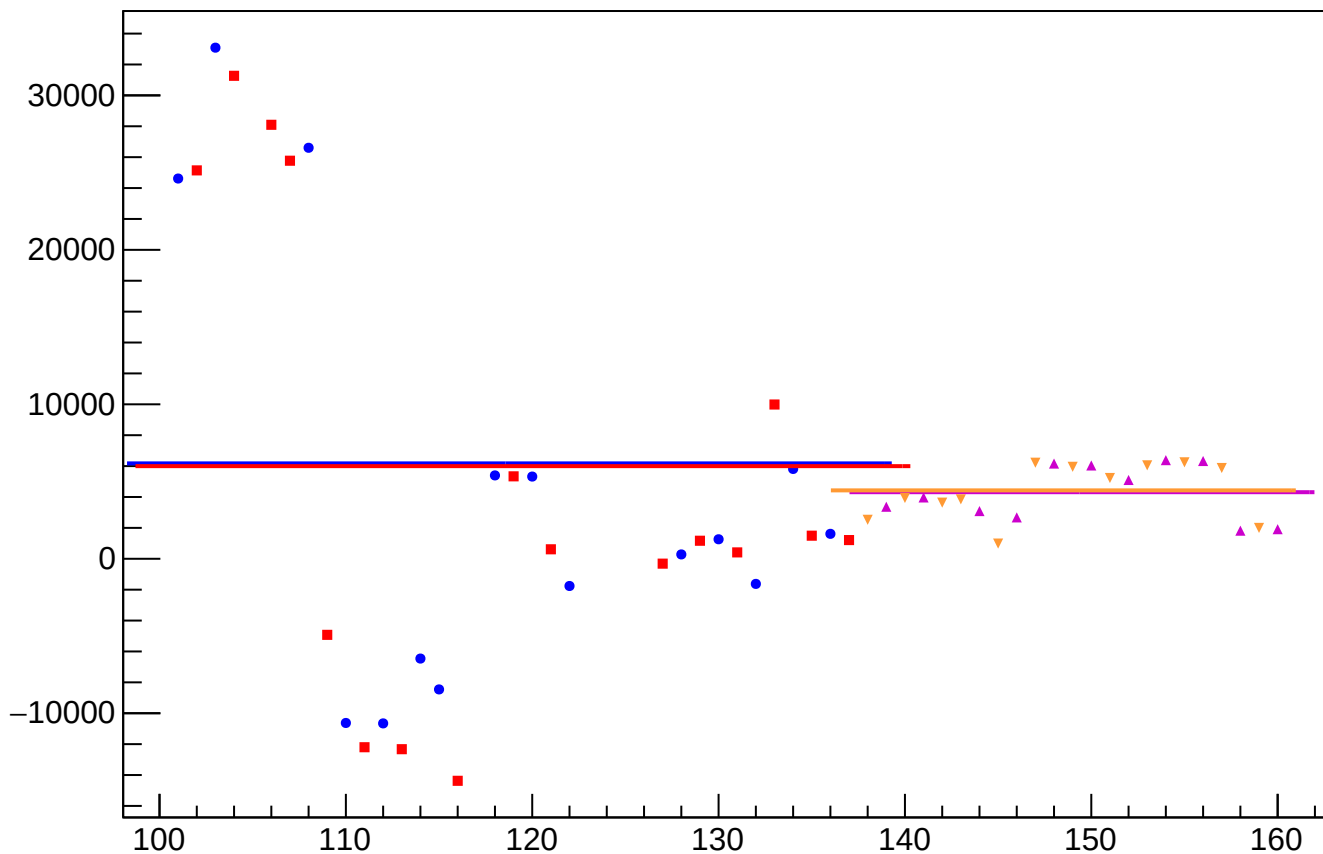
Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.204 $\pm$ 0.000 χ^2 /NDF: 35340998729966912863138320392126464.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2 /NDF: 18142873408814573481950758043648000.0/10
 All: 59.198 $\pm$ 0.000 χ^2 /NDF: 2054365518369
 + sign 61.715 $\pm$ 0.000 χ^2 /NDF: 1295926094815427
 - sign 56.726 $\pm$ 0.000 χ^2 /NDF: 7564771732797838

dit_sam1_coil6_Ndata_mean vs Slug



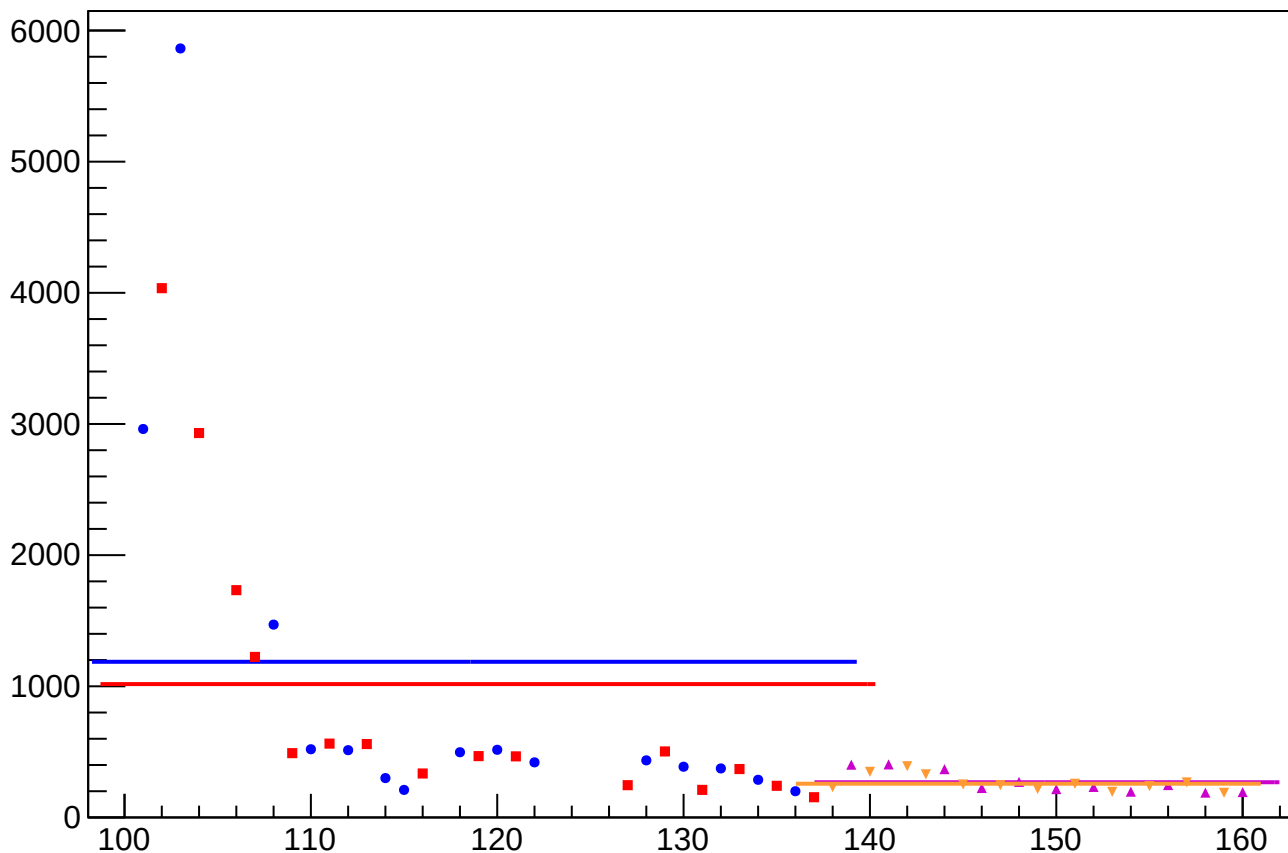
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam2_coil6_mean vs Slug



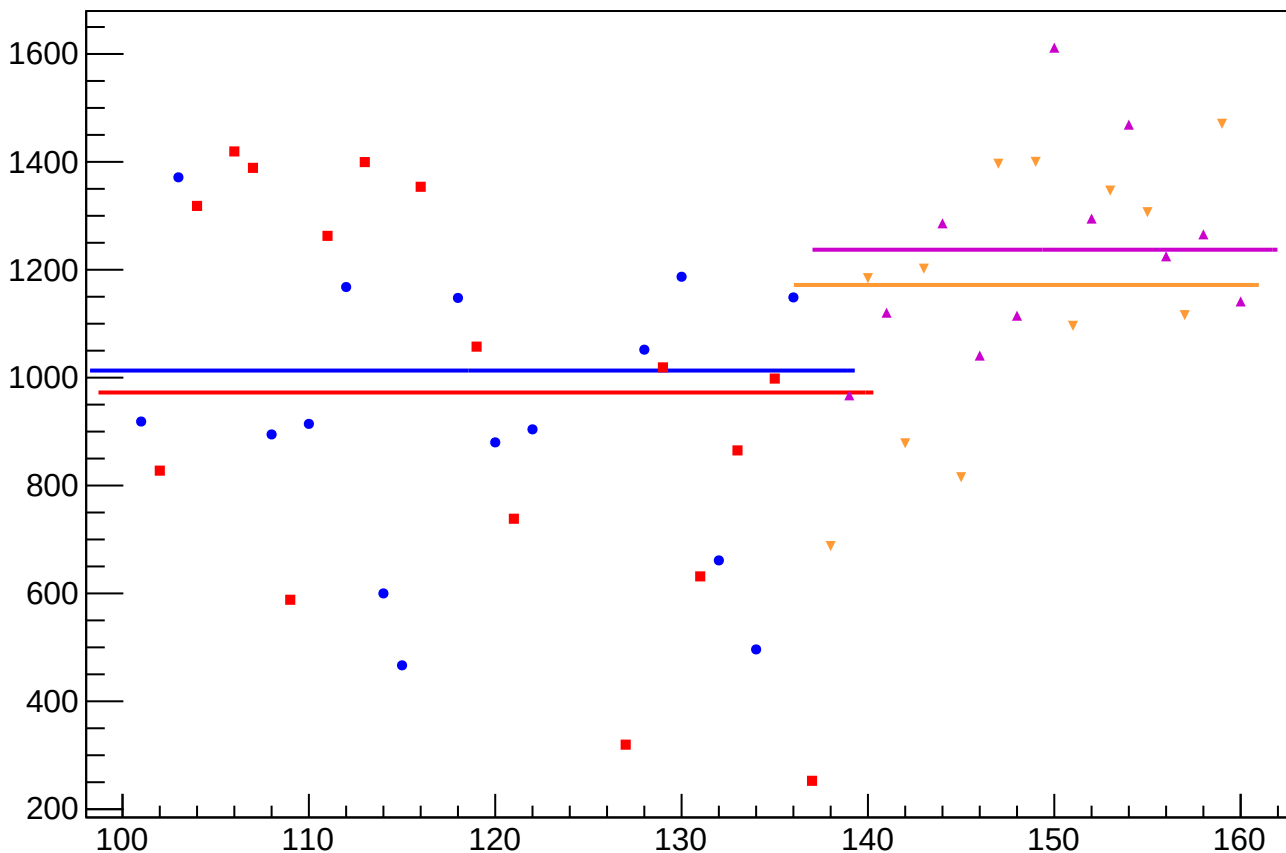
Right In: 6175.493+/-0.000	χ^2/NDF : 117260877162921223967478349050708452442112.0/14
Left Out: 4428.101+/-0.000	χ^2/NDF : 2900138976874387724183278190835470958592.0/11
Right Out: 5996.727+/-0.000	χ^2/NDF : 137057710785025136543407710107916356812800.0/15
Left In: 4310.541+/-0.000	χ^2/NDF : 2687248811790643780000086030830396243968.0/10
+ sign 5153.665+/-0.000 χ^2/NDF : 12131982747999 All: 5084.951+/-0.000 χ^2/NDF : 26218080052 - sign 5017.446+/-0.000 χ^2/NDF : 14084634301440	

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 612.442 $\pm$ 0.000 χ^2 /NDF: 328051716192
 + sign 643.246 $\pm$ 0.000 χ^2 /NDF: 212720083388662
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

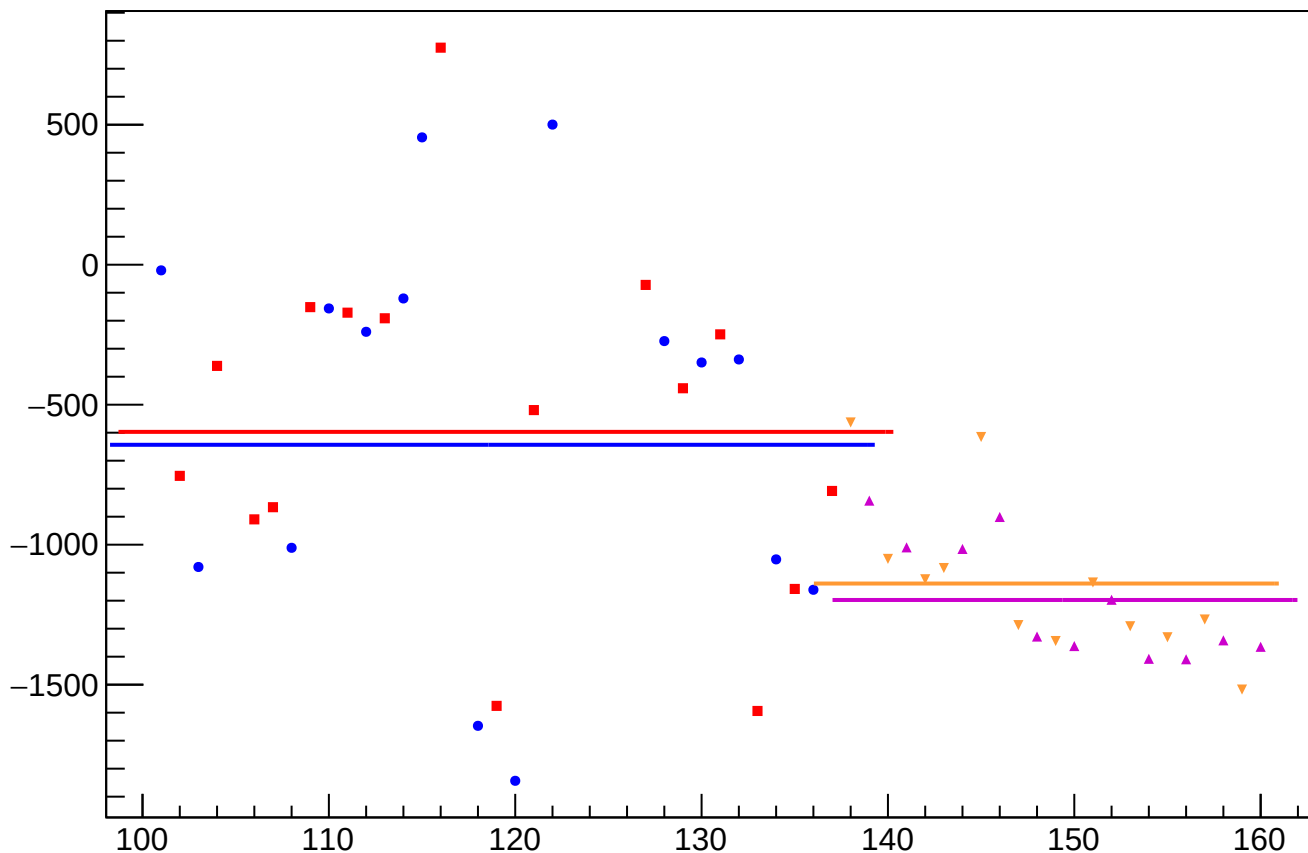
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1138.759+/-0.000 χ^2/NDF : 71006185953424254270590791718170263552.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

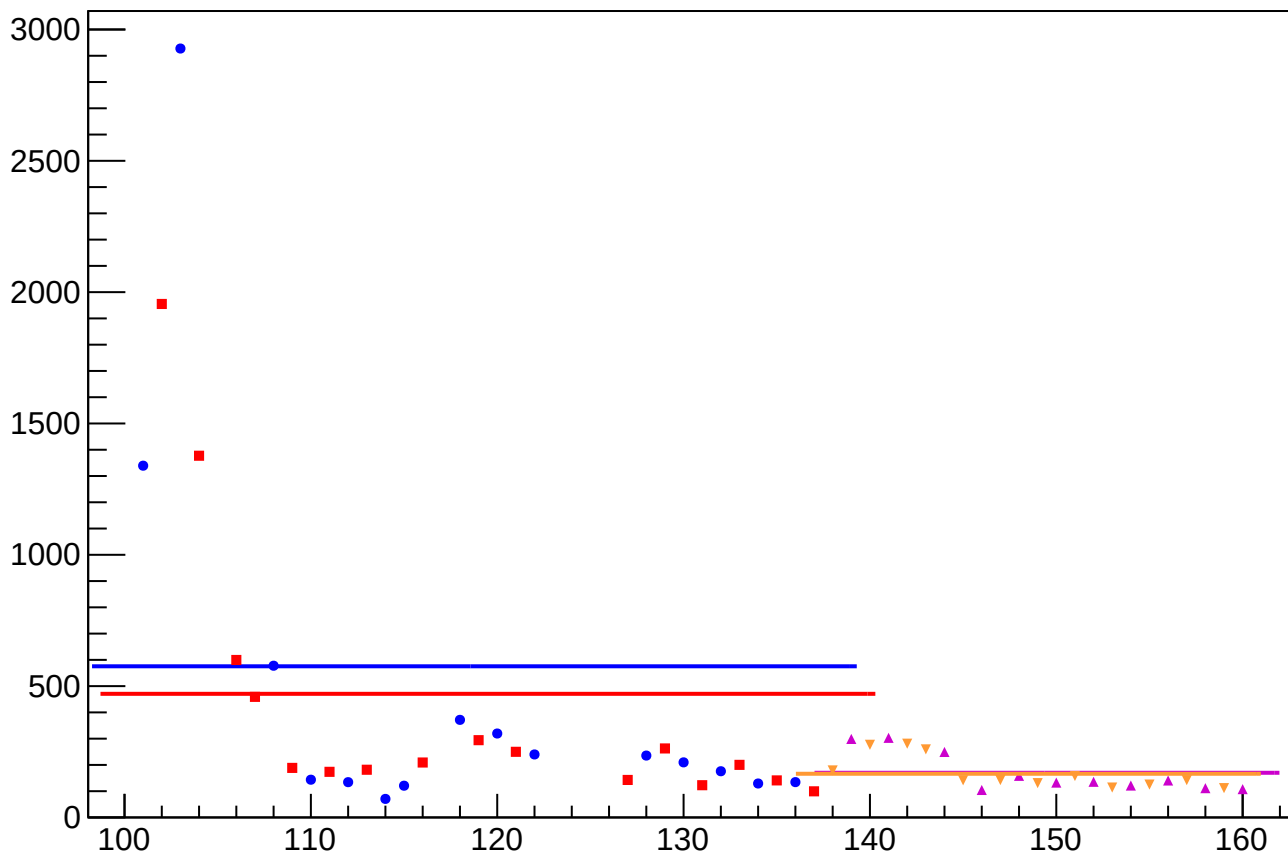
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -932.996+/-0.000 χ^2/NDF : 43692805722802

All: -939.440+/-0.000 χ^2/NDF : 82608252499

- sign -945.770+/-0.000 χ^2/NDF : 389025821558760

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

+ sign 336.257+/-0.000 χ^2/NDF : 499270475269907

Left Out: 166.360+/-0.000 χ^2/NDF : 3052716209295405049807129095543193600.0/11

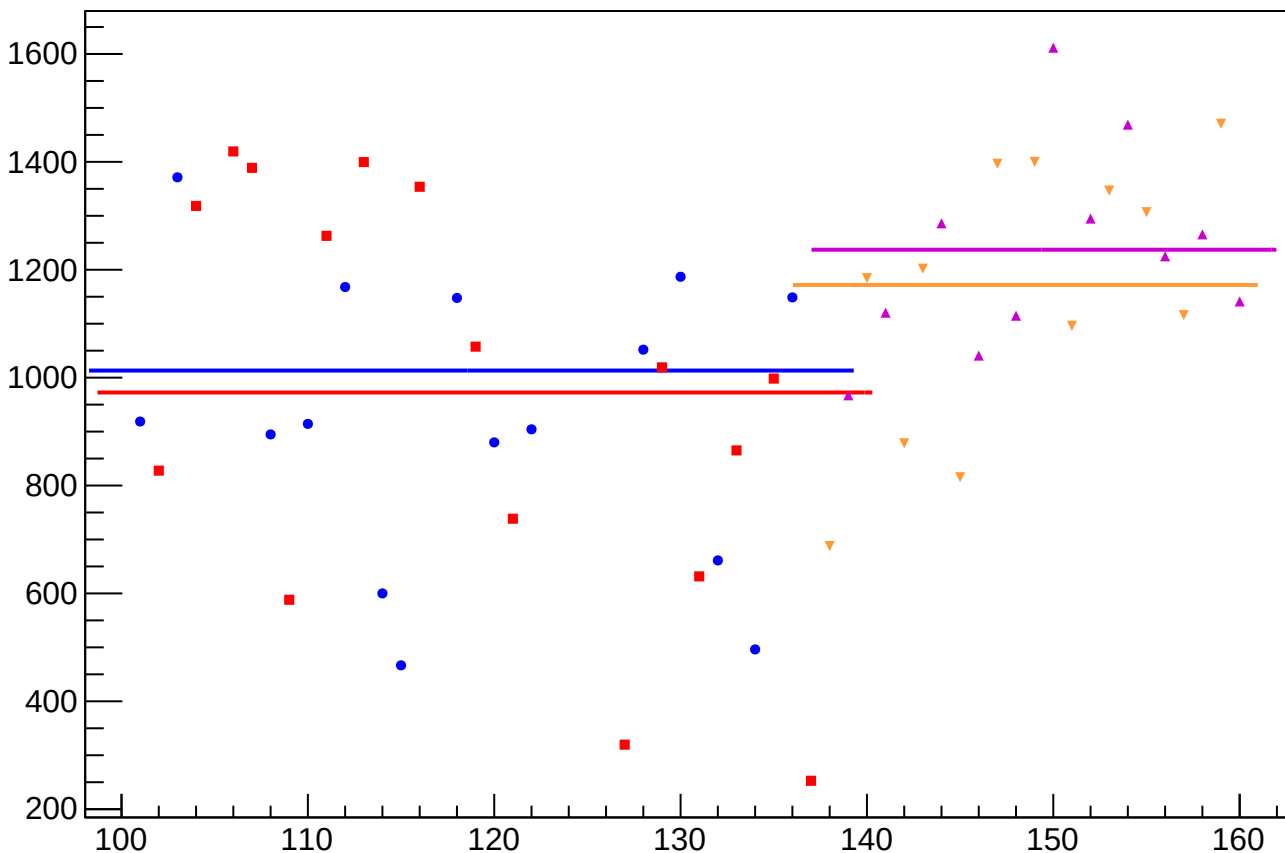
All: 316.009+/-0.000 χ^2/NDF : 749713374727

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

- sign 296.118+/-0.000 χ^2/NDF : 249172631287531

Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

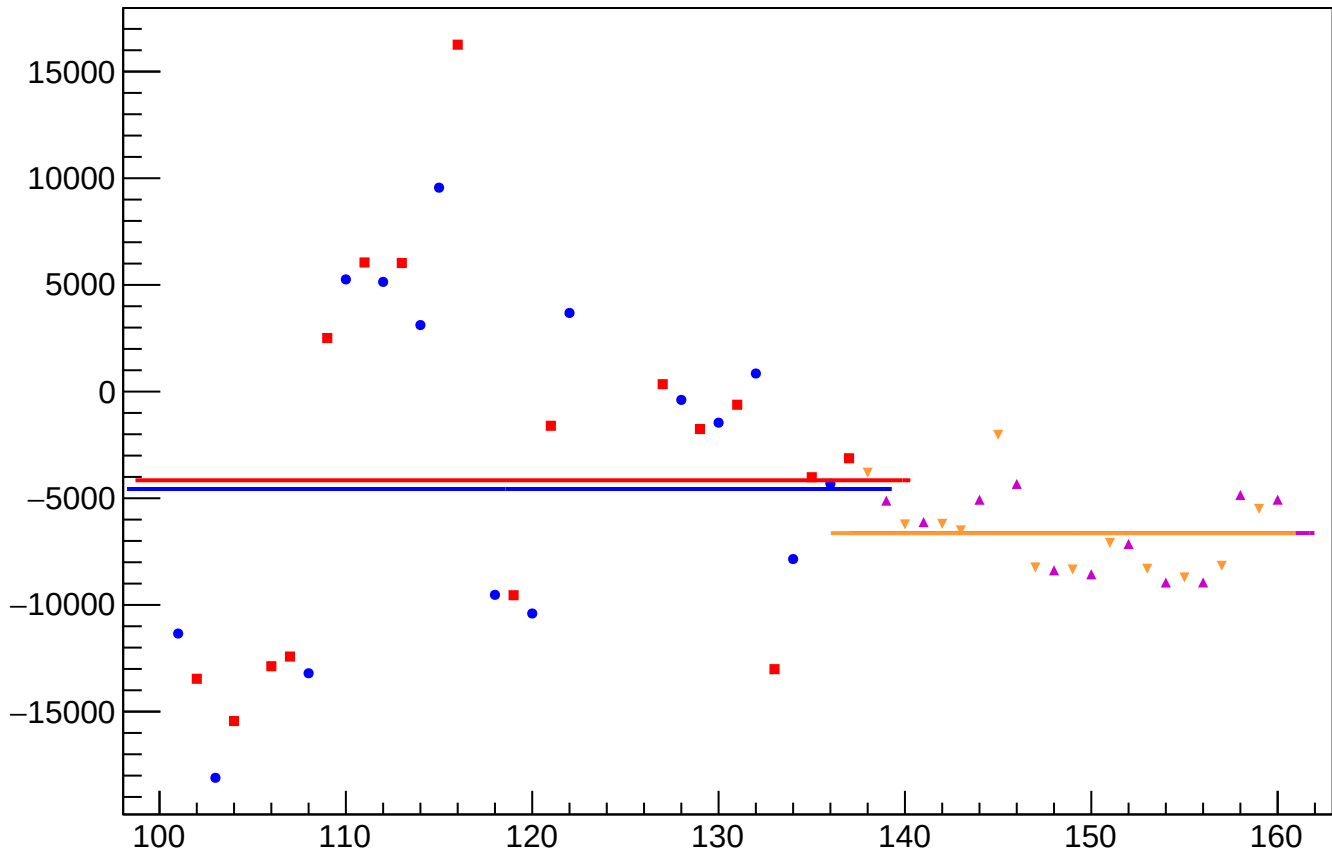
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

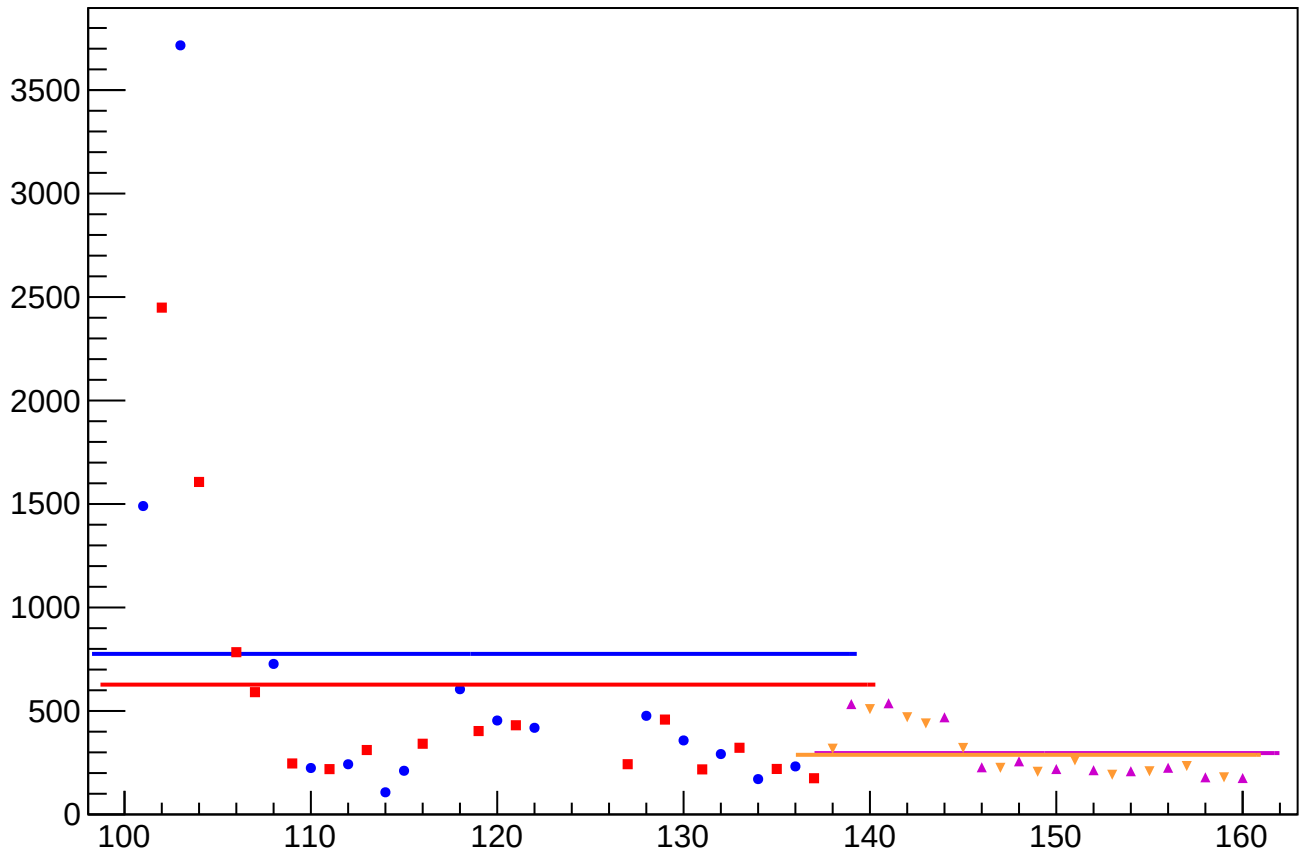
dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -6634.457+/-0.000	χ^2/NDF : 3640150880403299784339543756995645407232.0/11
Right Out: -4156.859+/-0.000	χ^2/NDF : 45539455441659927157708443099930682195968.0/15
Left In: -6631.377+/-0.000	χ^2/NDF : 2831140540306304869921468245145345327104.0/10

+ sign -5775.333+/-0.000 χ^2/NDF : 4093261338391
 All: -5683.850+/-0.000 χ^2/NDF : 9170111031
 - sign -5593.977+/-0.000 χ^2/NDF : 50742565096238

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF : 10607349218435095296400376728725225472.0/11

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

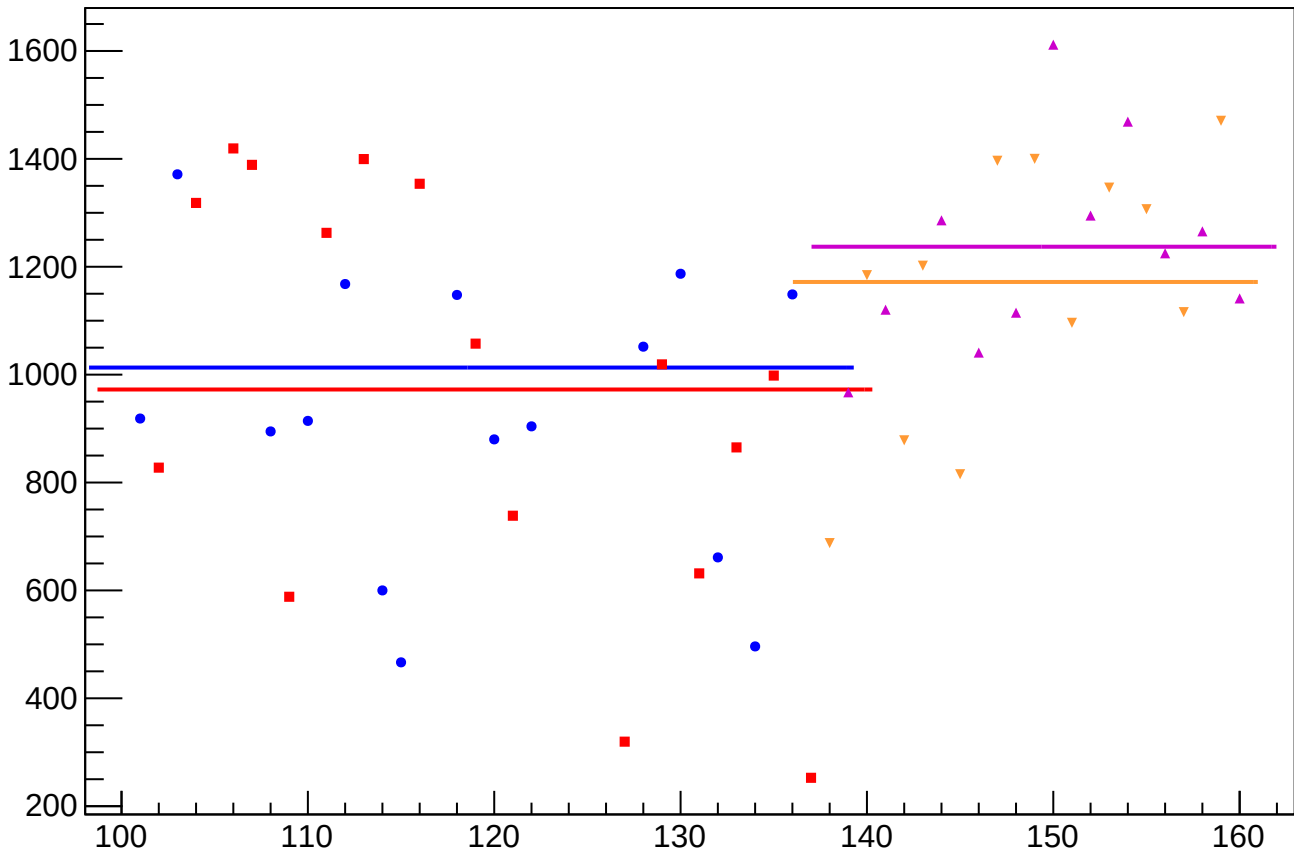
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 110209251468

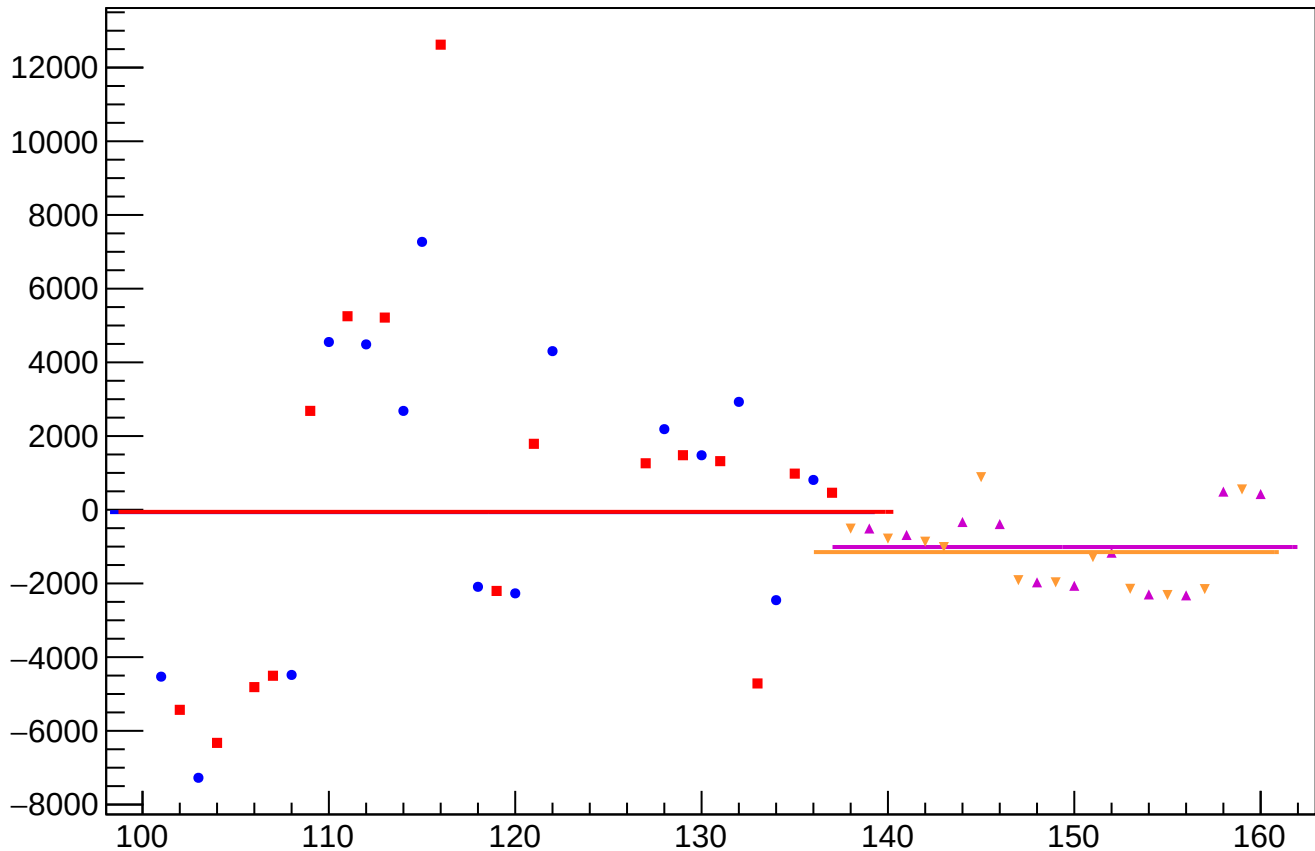
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



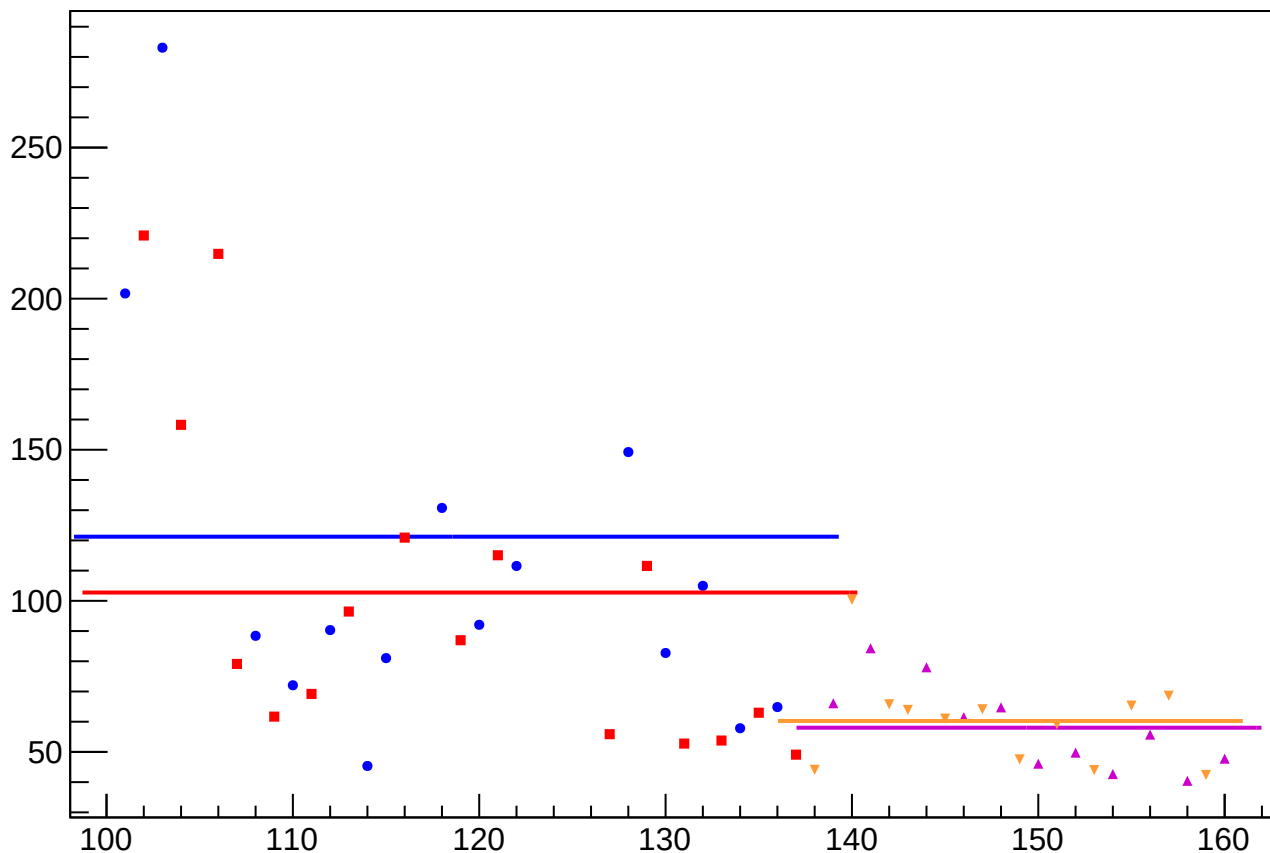
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam5_coil6_mean vs Slug



Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -1149.036 ± 0.000 $\chi^2/\text{NDF}: 977384281251527862797157265716912586752.0/11$
 Right Out: -57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: -1011.284 ± 0.000 $\chi^2/\text{NDF}: 903909408421874171739001543159795679232.0/10$

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14

Left Out: 60.239 $\pm$ 0.000 χ^2 /NDF: 225102554491032869548797845500329984.0/11

Right Out: 102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15

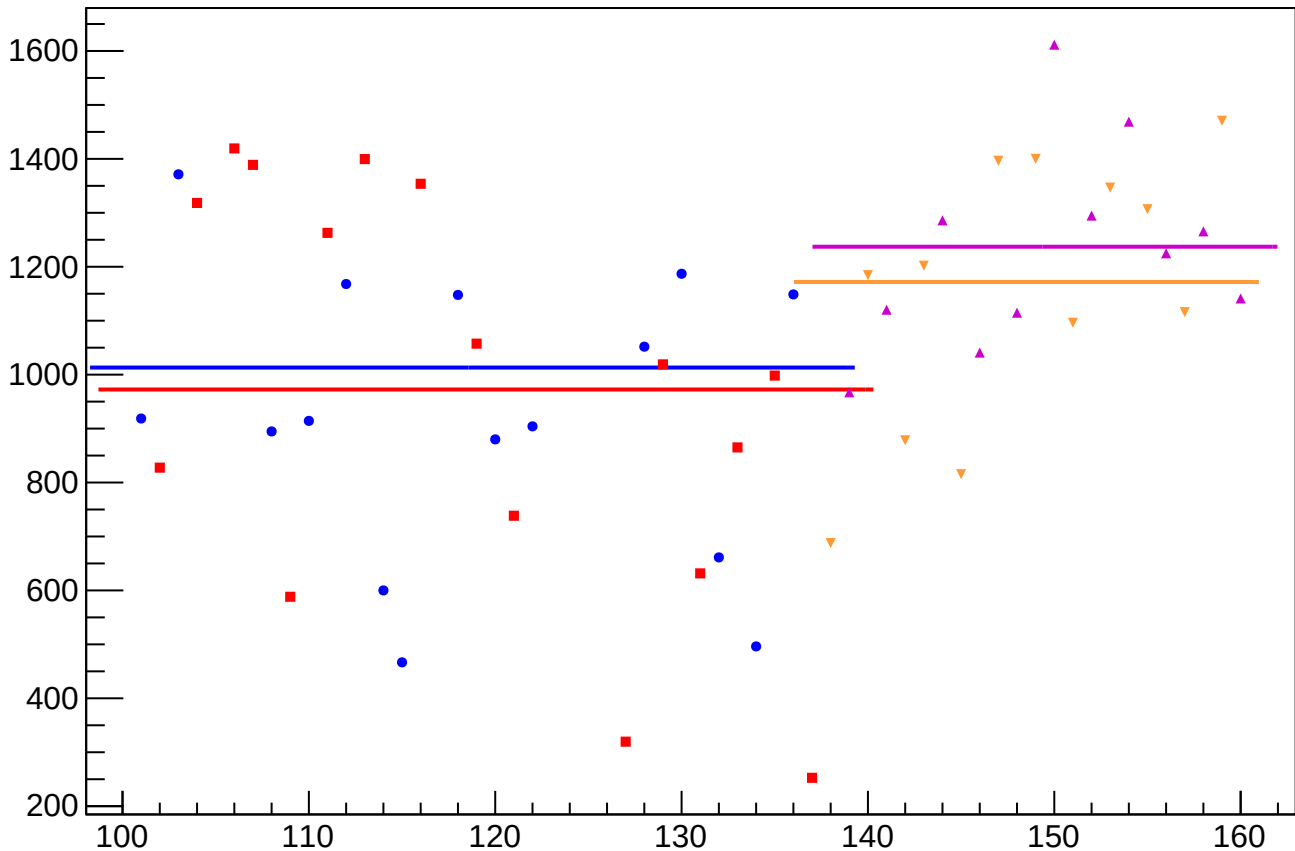
Left In: 58.011 $\pm$ 0.000 χ^2 /NDF: 177427701786540438757655027214450688.0/10

+ sign 85.563 $\pm$ 0.000 χ^2 /NDF: 4359921672162242

All: 81.126 $\pm$ 0.000 χ^2 /NDF: 7341366605629

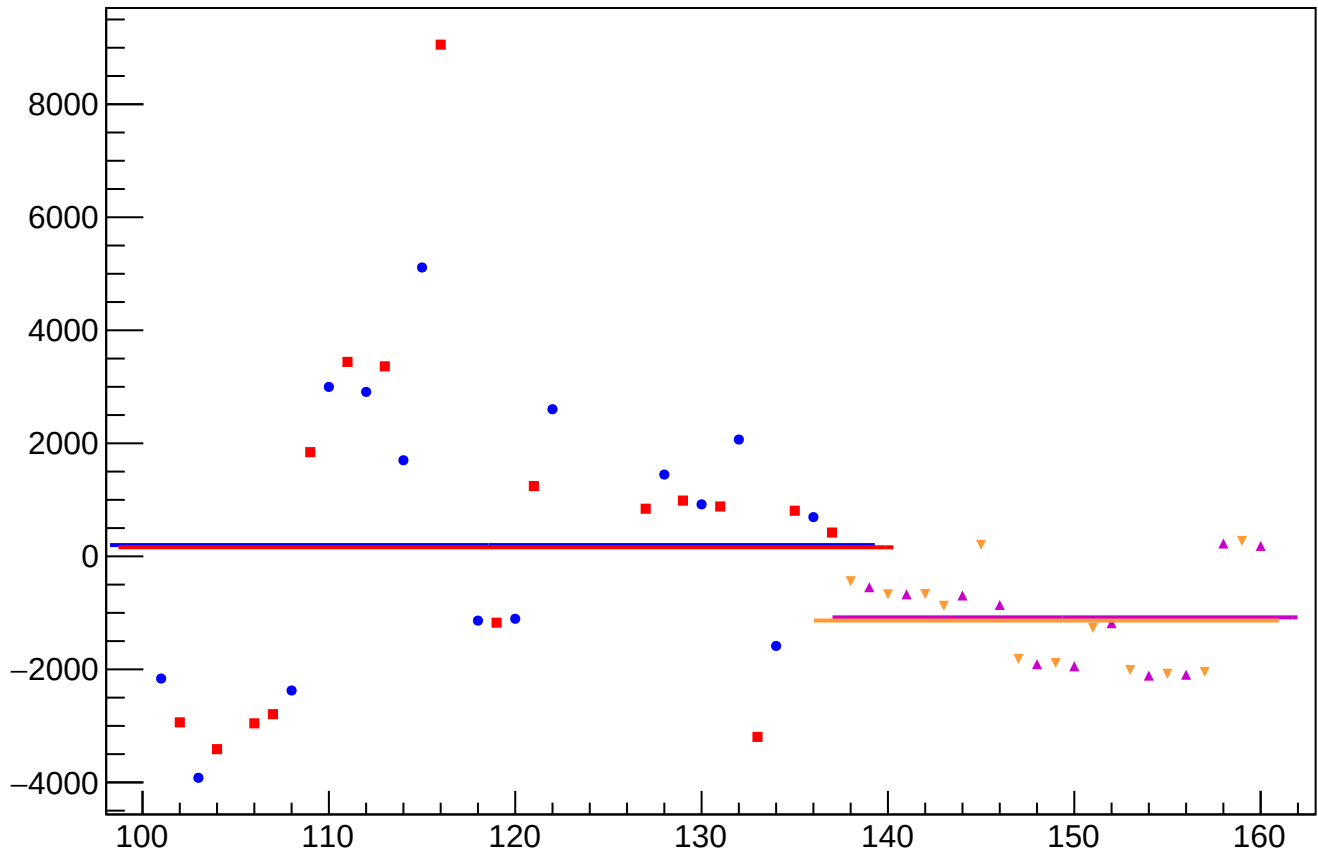
- sign 76.766 $\pm$ 0.000 χ^2 /NDF: 2920429745013475

dit_sam5_coil6_Ndata_mean vs Slug



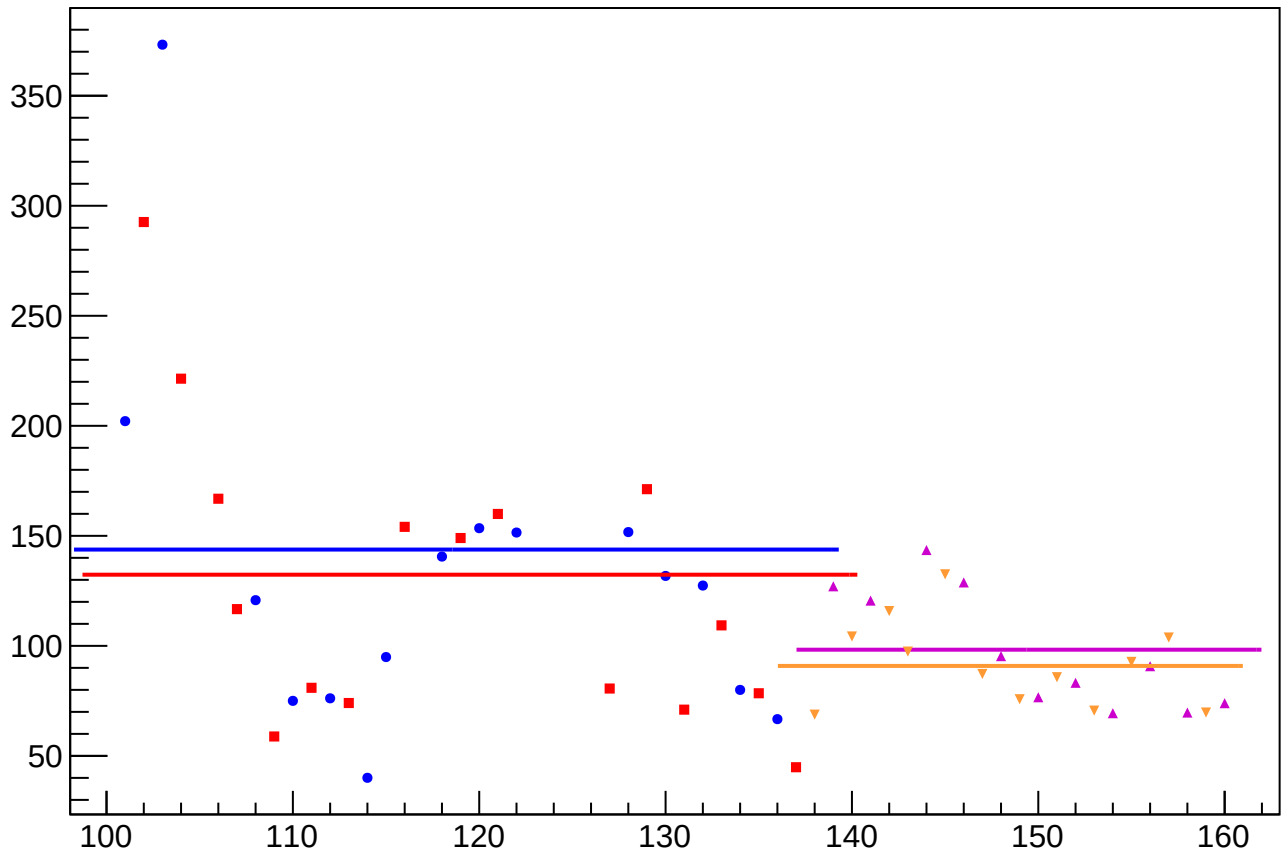
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10
 All: -570.315+/-0.000 χ^2/NDF : 11490561476
 + sign -581.144+/-0.000 χ^2/NDF : 45992004244900
 - sign -559.678+/-0.000 χ^2/NDF : 689099774035240

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

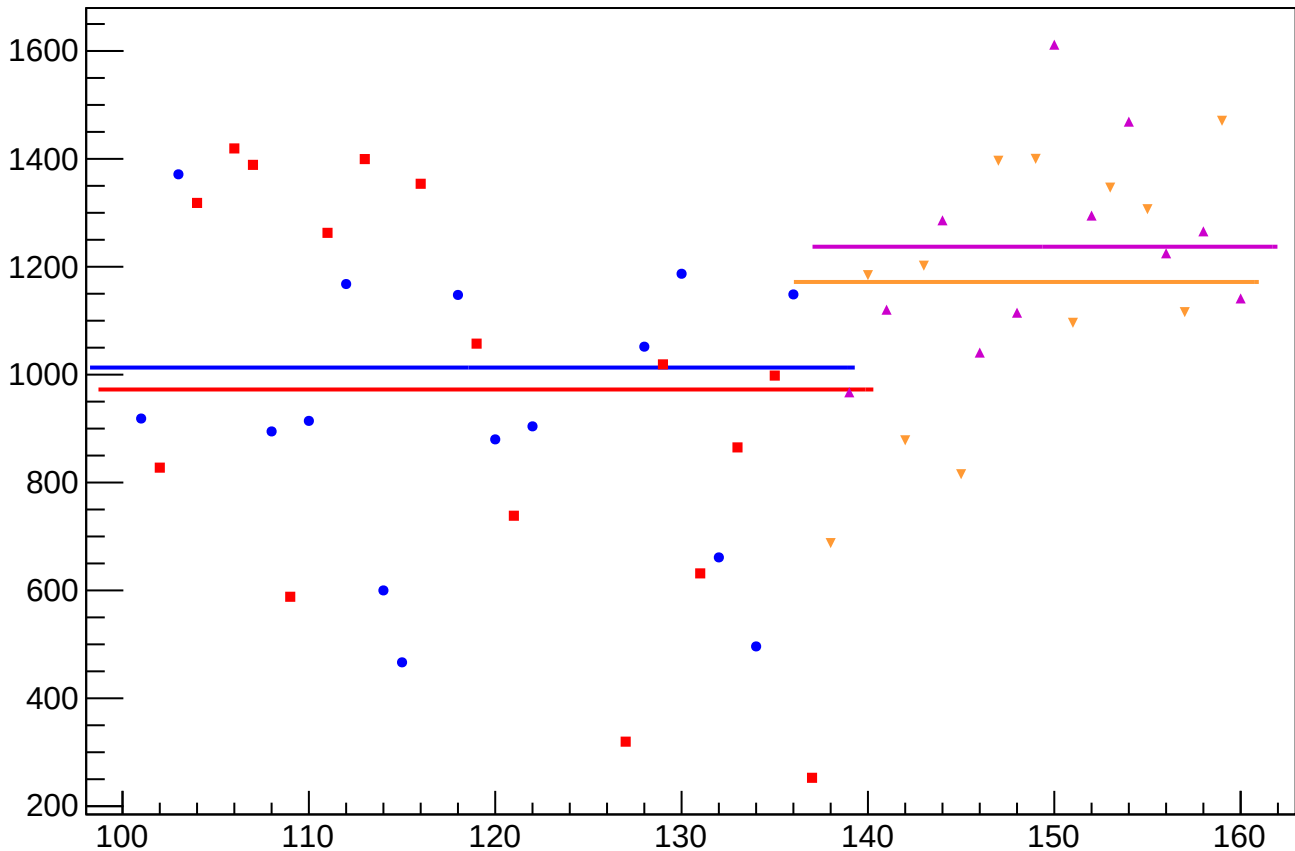
Left Out: 90.882 ± 0.000 χ^2/NDF : 326242734851411629220497356388040704.0/11

Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: 98.257 ± 0.000 χ^2/NDF : 6209937767730933933033369428470792192.0/10

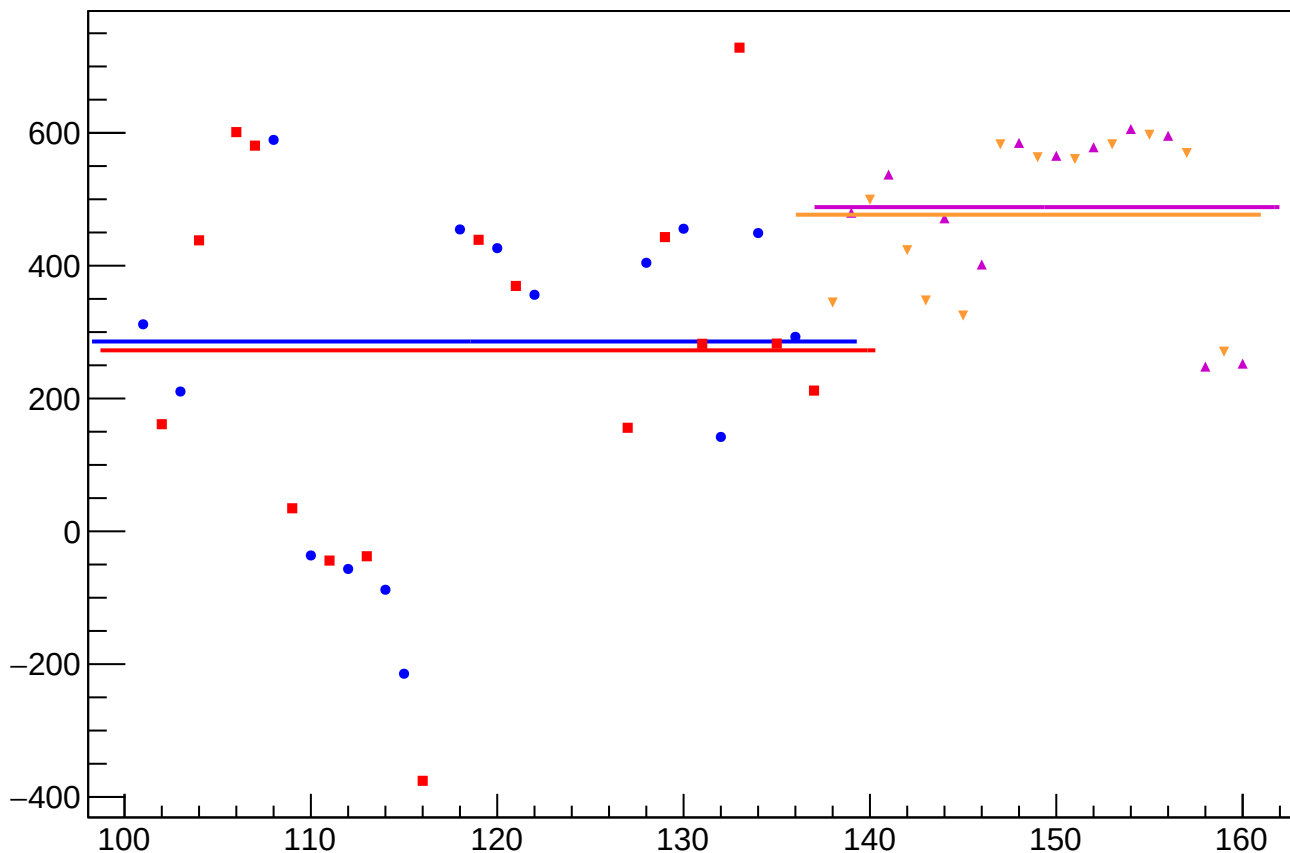
All: 112.691 ± 0.000 χ^2/NDF : 101475107783.0/11

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 476.795+/-0.000 χ^2/NDF : 12695994824288000465906190934597435392.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

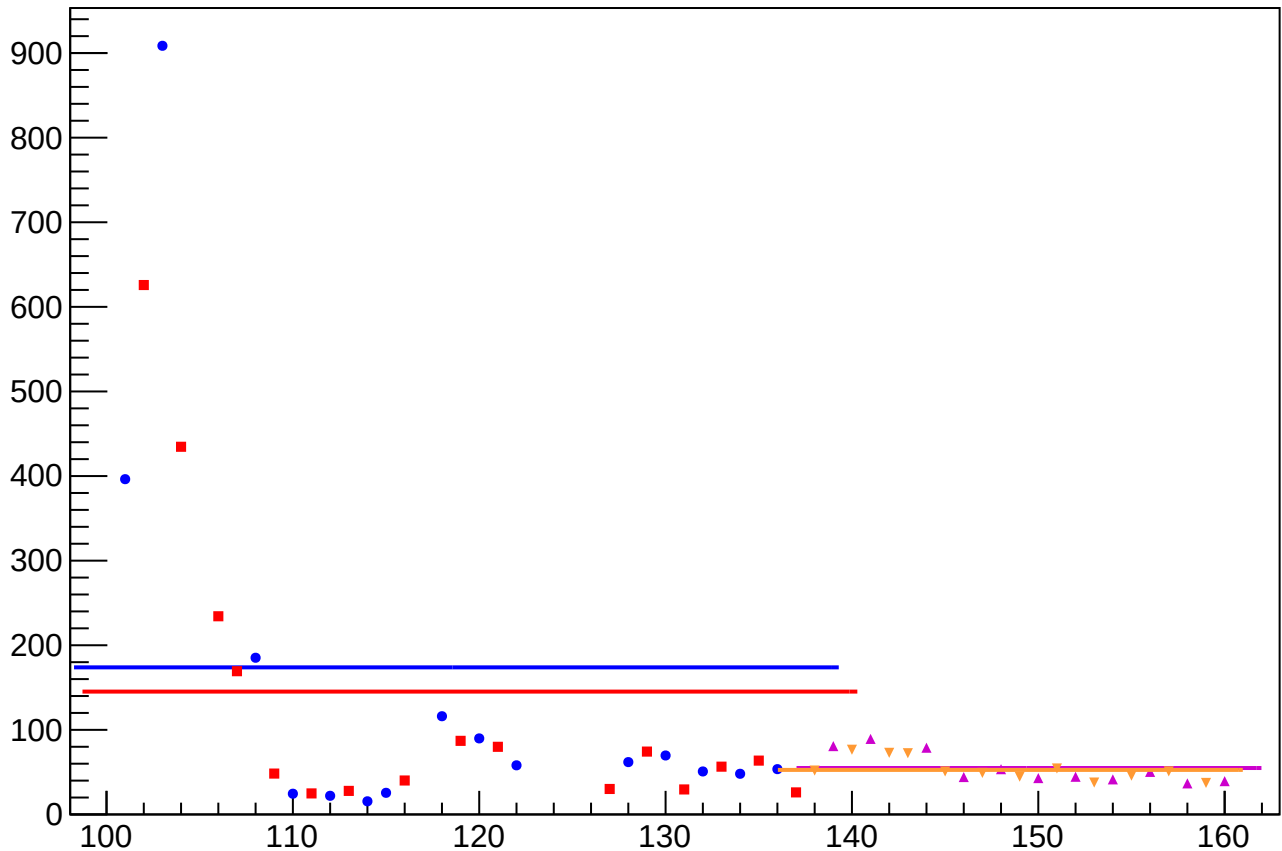
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 397.512+/-0.000 χ^2/NDF : 506405806110630

All: 397.652+/-0.000 χ^2/NDF : 126636598673

- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF : 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11

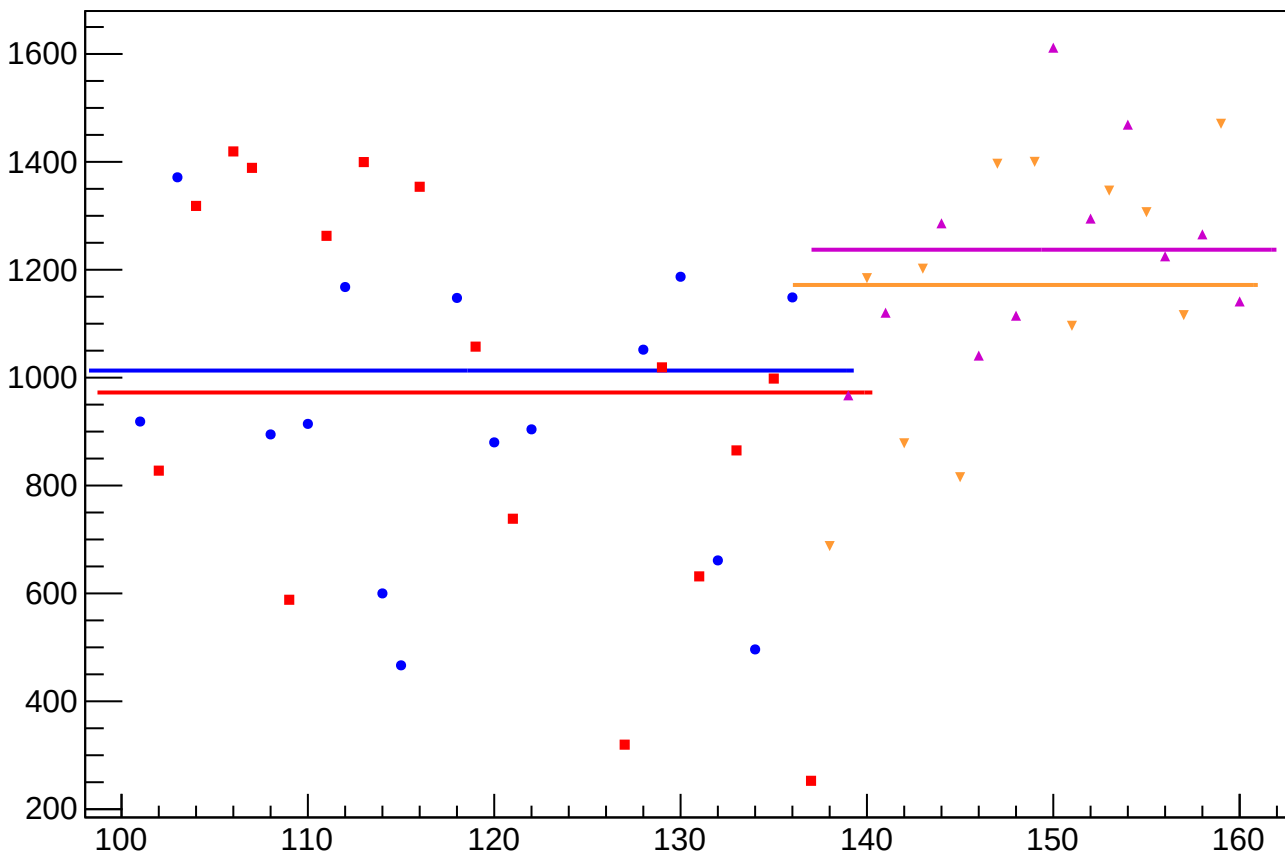
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF : 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

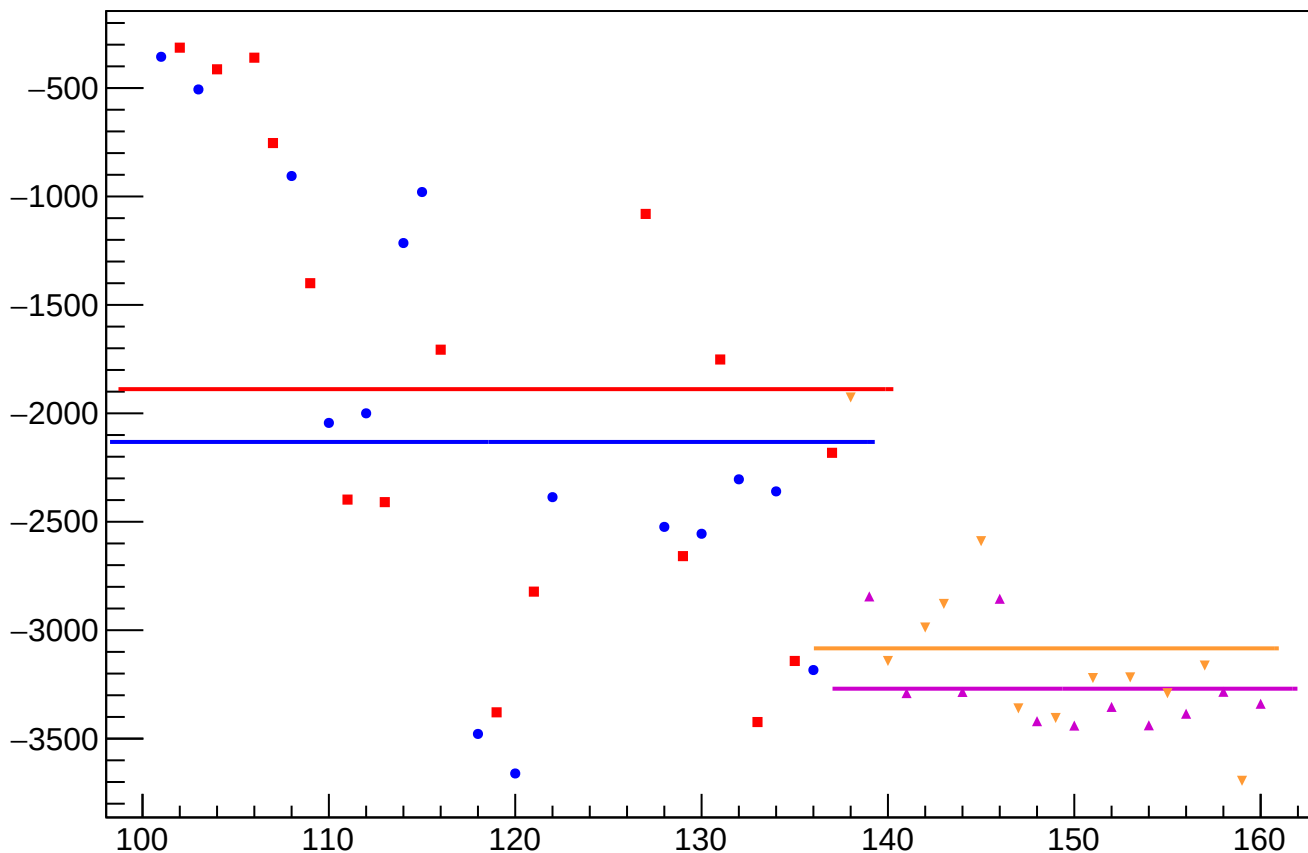
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

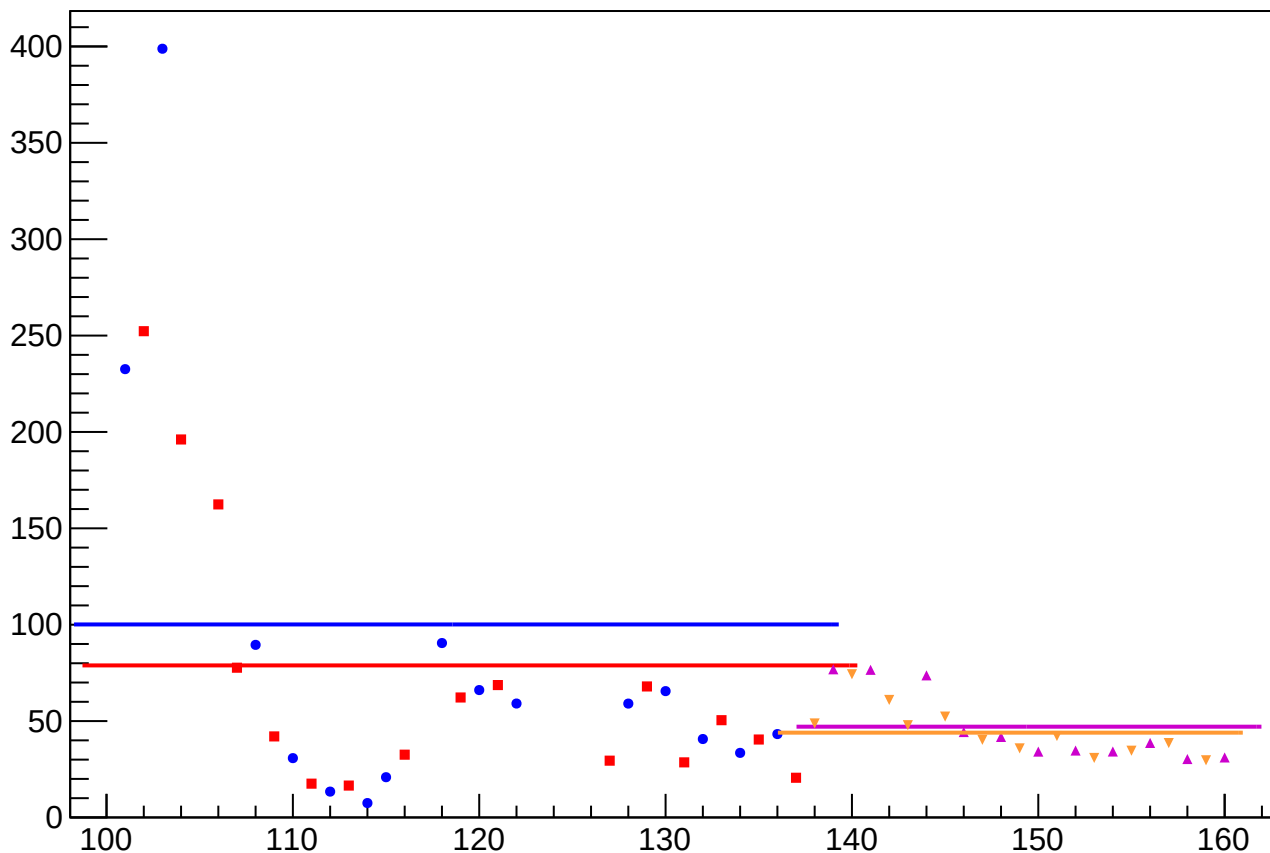
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14
Left Out: -3083.729+/-0.000	χ^2/NDF : 178322677856663824149309206068860026880.0/11
Right Out: -1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15
Left In: -3269.755+/-0.000	χ^2/NDF : 38098096180391062431092176239781216256.0/10
+ sign -2688.506+/-0.000 χ^2/NDF : 1244586997830	
All: -2689.595+/-0.000 χ^2/NDF : 2813784024	
- sign -2690.665+/-0.000 χ^2/NDF : 15691933486268	

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 43.994+/-0.000 χ^2/NDF : 144038877087981194806470678002270208.0/11

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

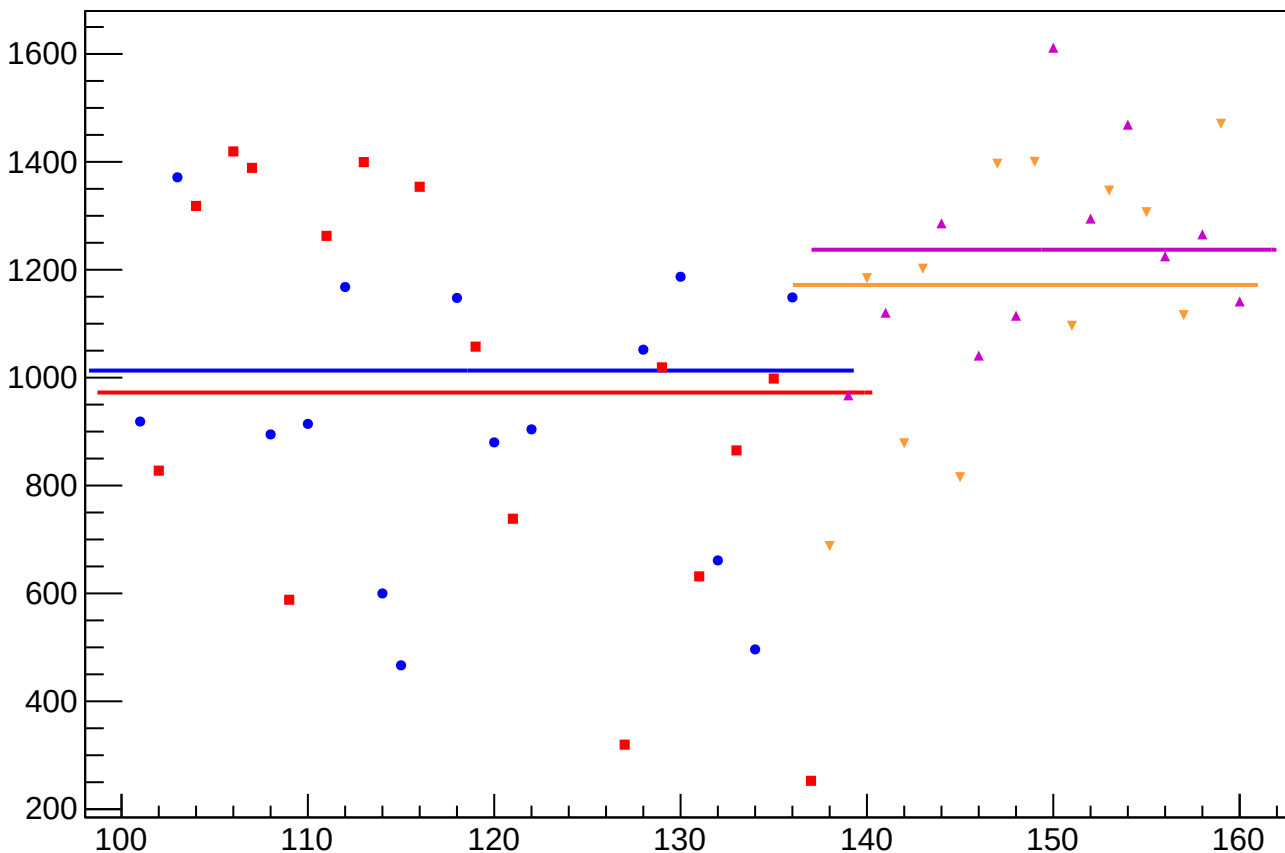
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.306+/-0.000 χ^2/NDF : 9154119203552440

All: 63.832+/-0.000 χ^2/NDF : 1341063315555

- sign 60.419+/-0.000 χ^2/NDF : 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

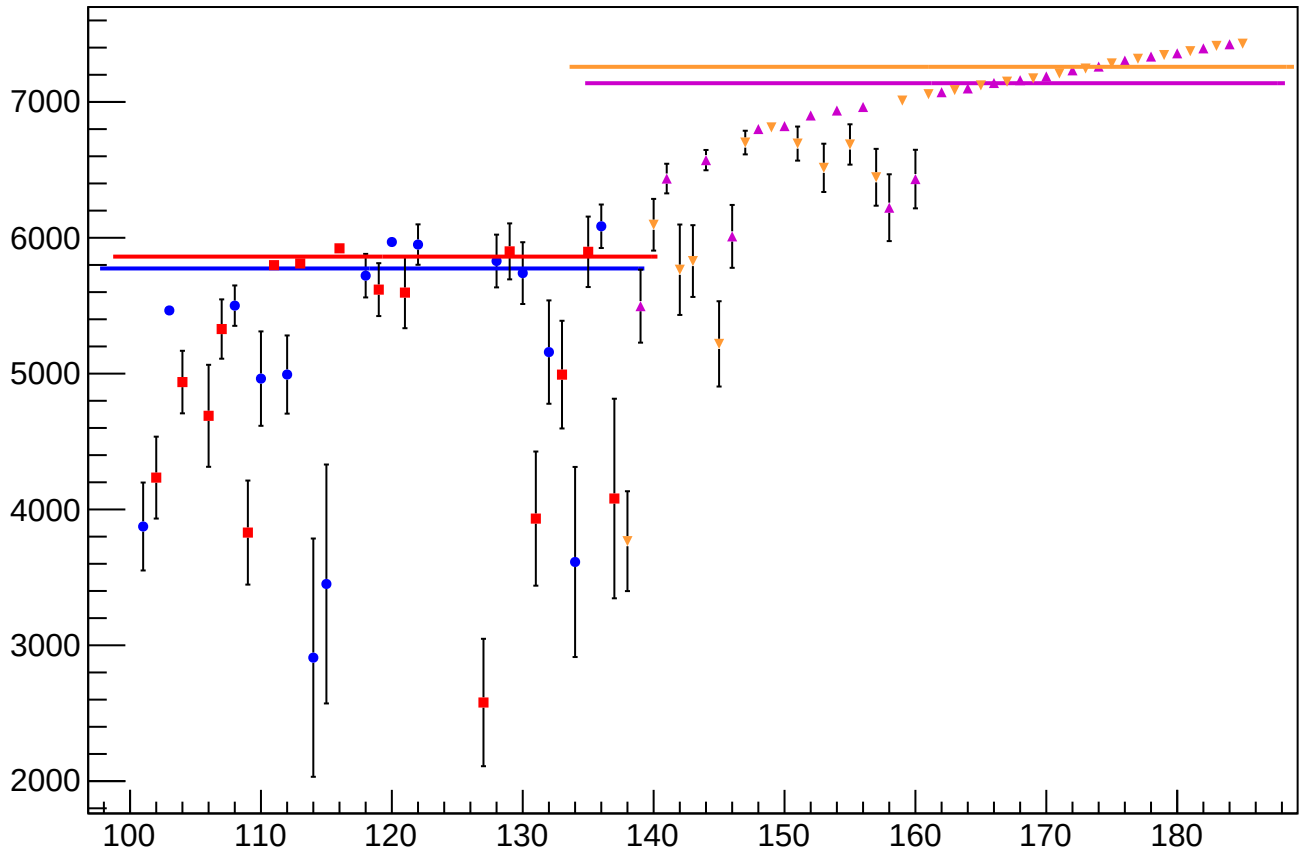
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7258.636 $\pm$ 0.092 χ^2 /NDF: 4237941.4/24

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

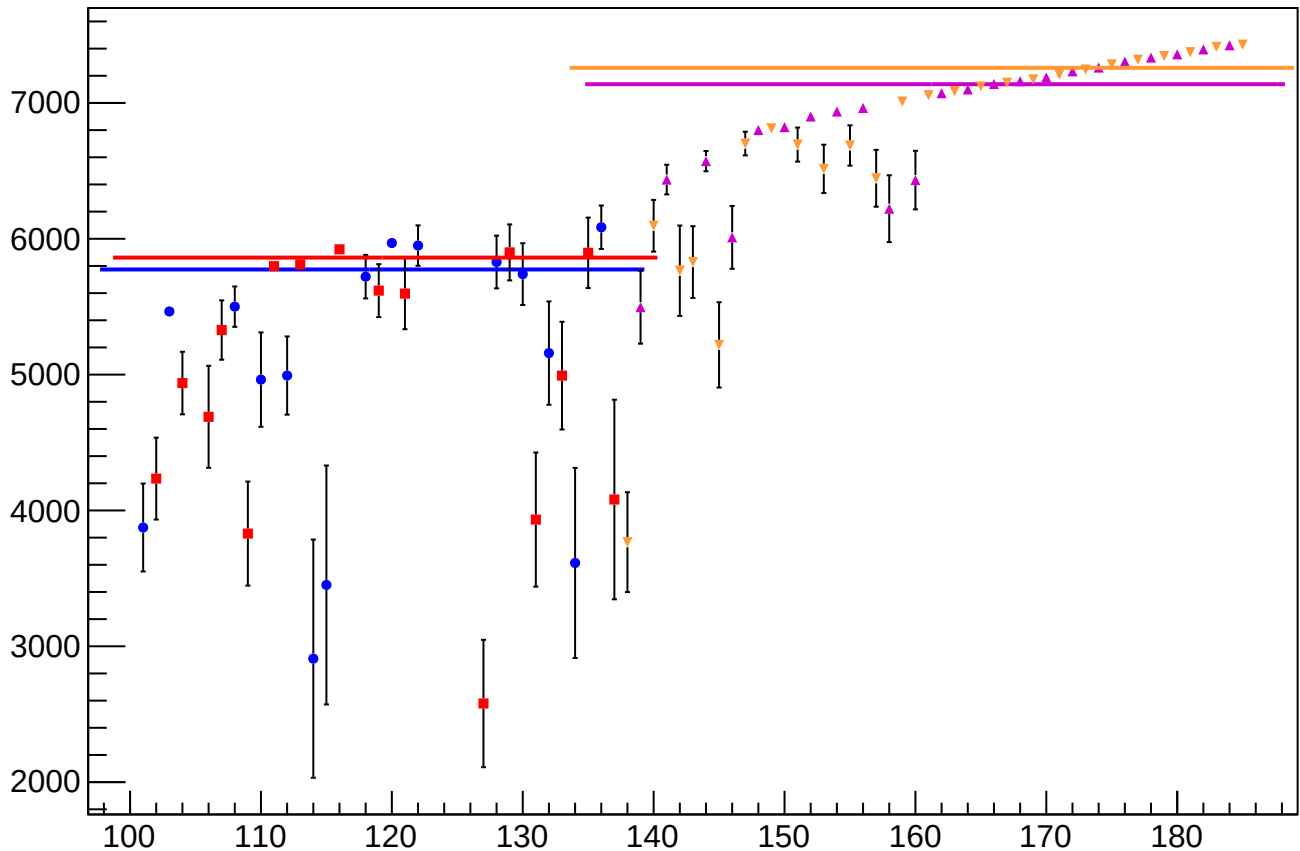
Left In: 7137.987 $\pm$ 0.098 χ^2 /NDF: 4549121.8/22

+ sign 6955.870 $\pm$ 0.082 χ^2 /NDF: 59347357.6/39

All: 6833.085 $\pm$ 0.057 χ^2 /NDF: 124412873.1

- sign 6715.075 $\pm$ 0.080 χ^2 /NDF: 60662698.5/38

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2 /NDF: 4237941.4/24

Right Out: 5861.461+/-0.140 χ^2 /NDF: 180020.4/15

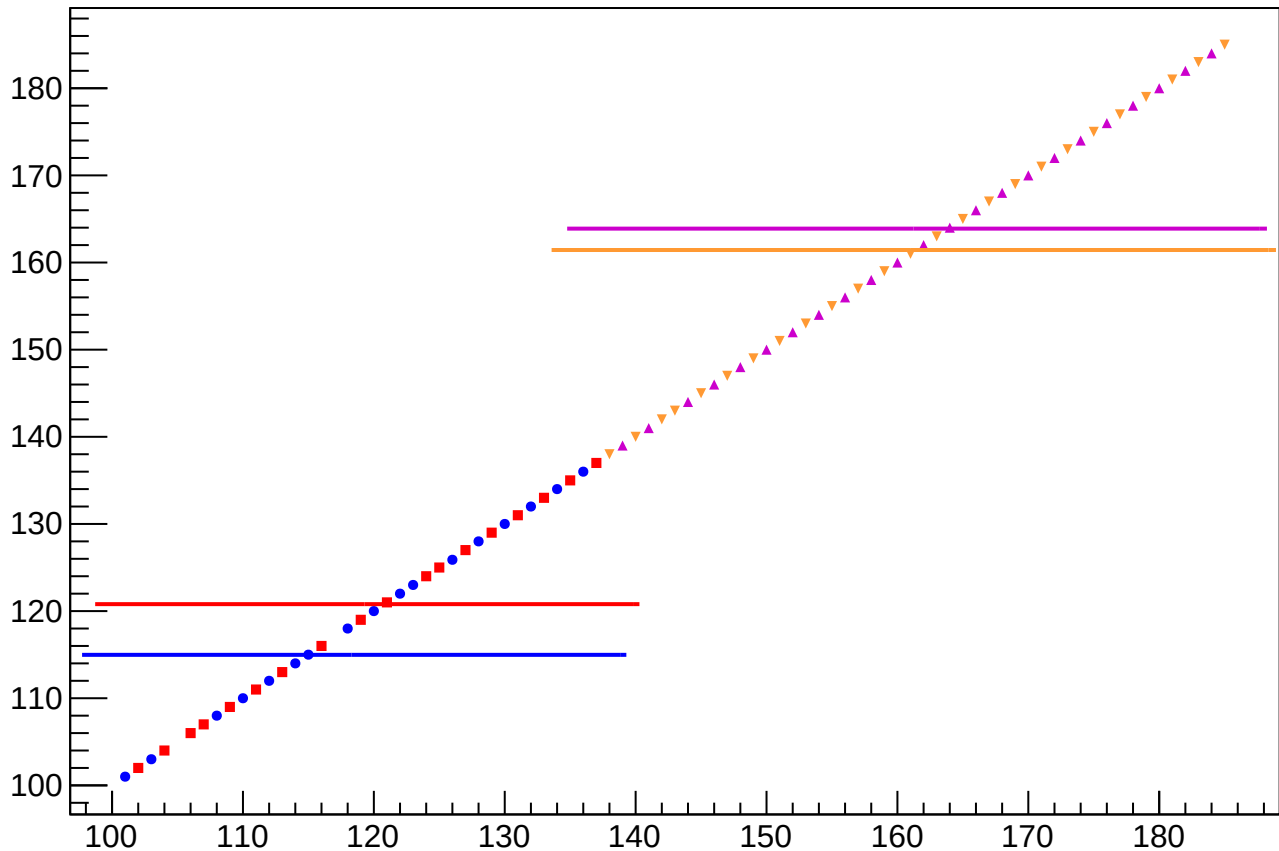
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ sign 6955.870+/-0.082 χ^2 /NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2 /NDF: 124412873.1

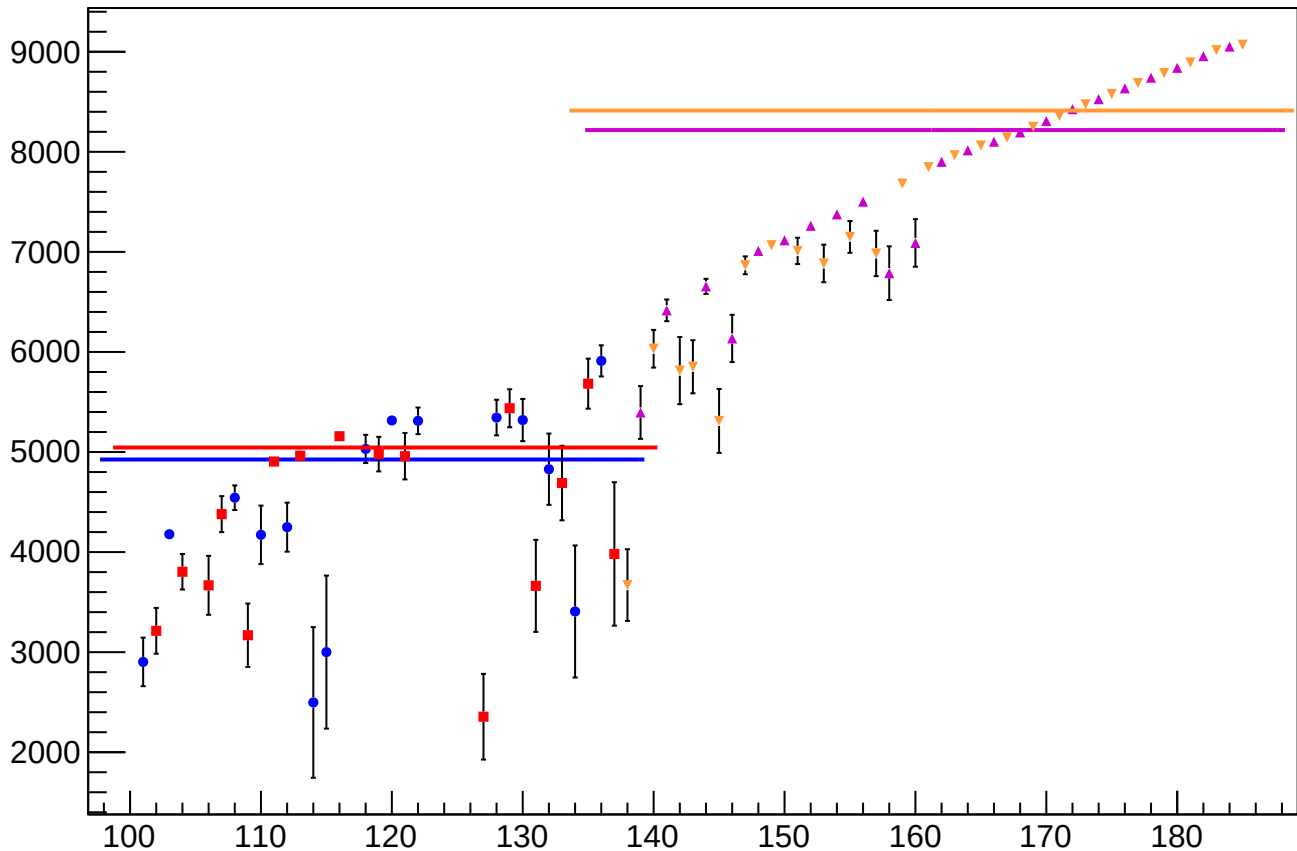
- sign 6715.075+/-0.080 χ^2 /NDF: 60662698.5/38

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 161.437+/-0.000 χ^2/NDF : 144351415086772086919986205949952.0/24
 Right Out: 120.798+/-0.000 χ^2/NDF : 39759758039532944522978032353280.0/17
 Left In: 163.890+/-0.000 χ^2/NDF : 206308926090069183709360387260416.0/22
 All: 139.354+/-0.000 χ^2/NDF : 299301426527
 + sign 133.483+/-0.000 χ^2/NDF : 152516030568371
 - sign 145.590+/-0.000 χ^2/NDF : 129353472103461

dit_cyclenum_mean vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 8412.753 $\pm$ 0.396 χ^2 /NDF: 2106465.3/24

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

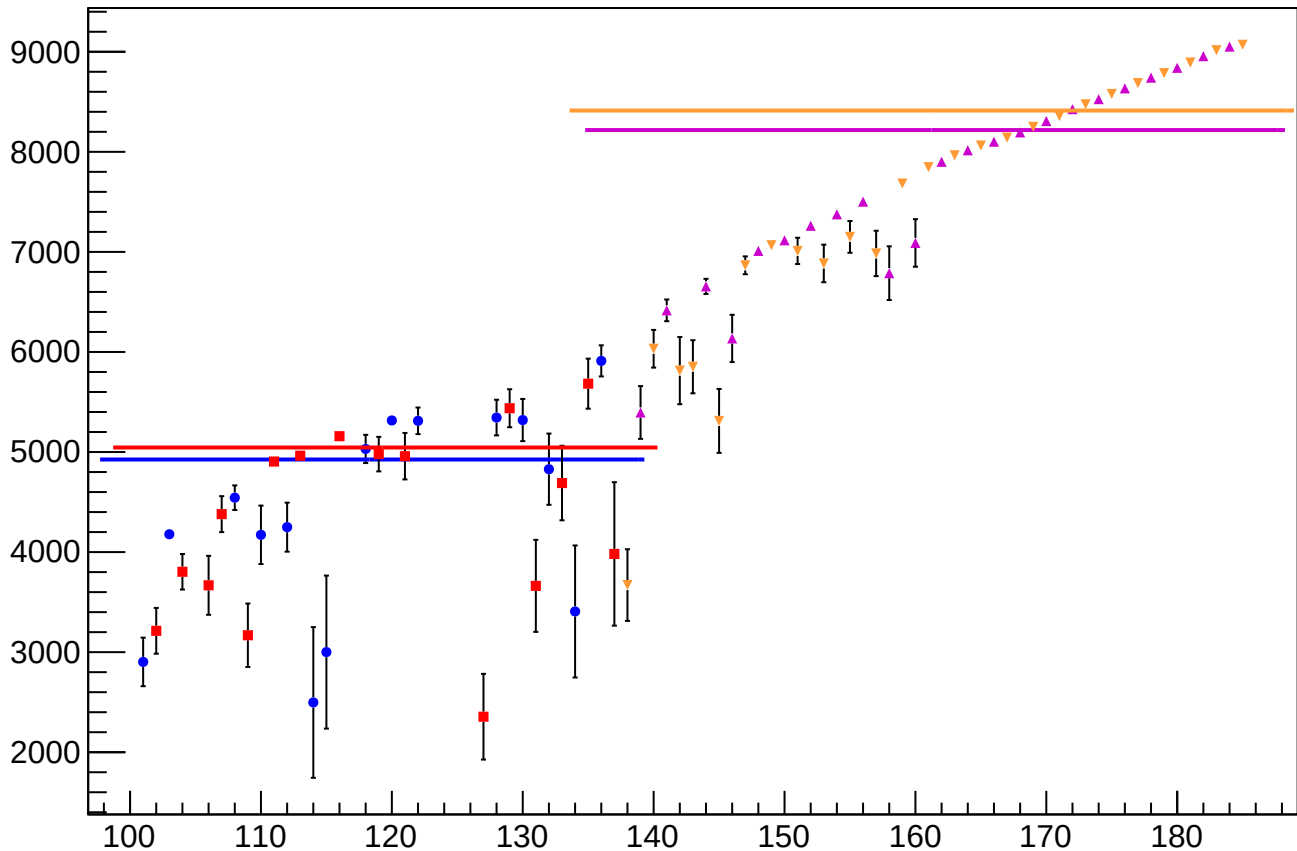
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7886.489 $\pm$ 0.365 χ^2 /NDF: 14157267.1/39

All: 7641.112 $\pm$ 0.245 χ^2 /NDF: 35014772.5/7

- sign 7439.138 $\pm$ 0.331 χ^2 /NDF: 20031979.1/38

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 8412.753 $\pm$ 0.396 χ^2 /NDF: 2106465.3/24

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

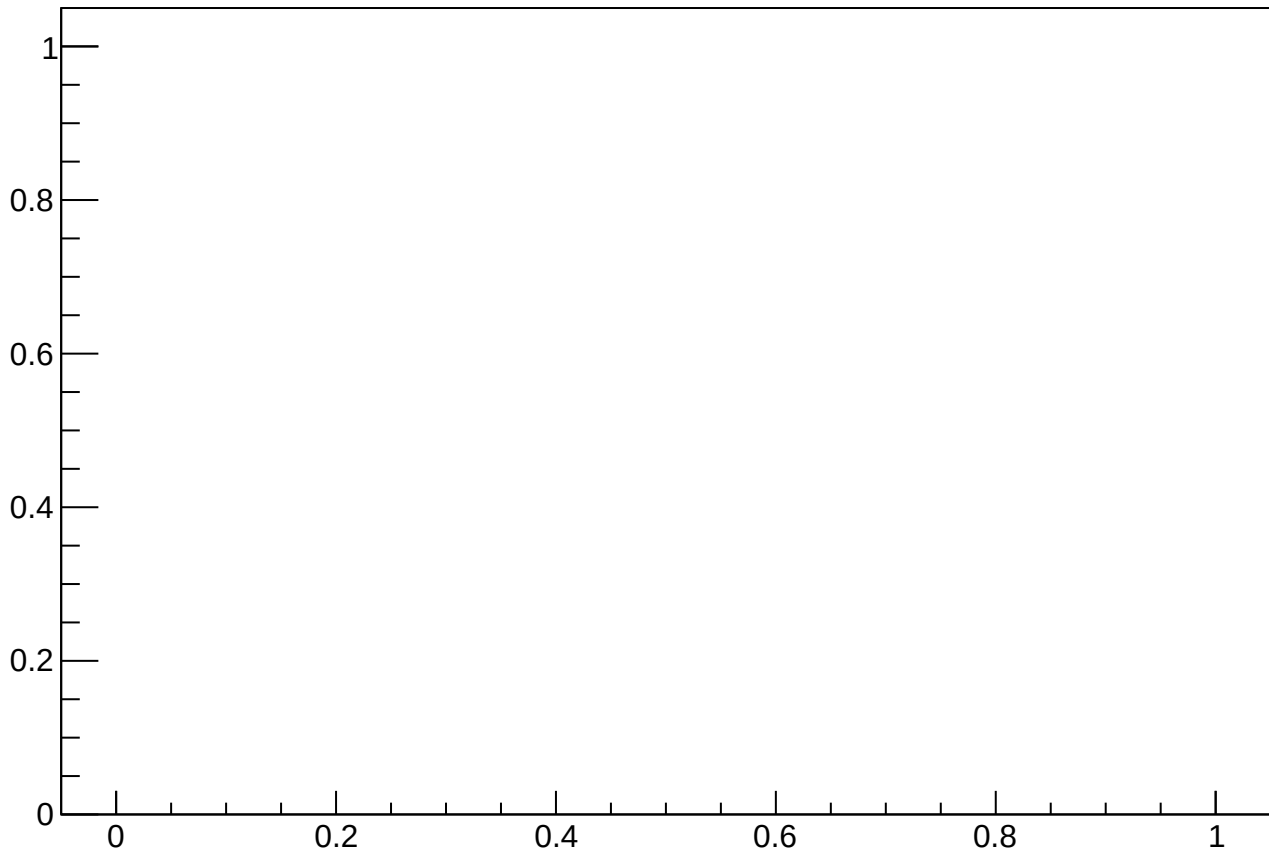
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7886.489 $\pm$ 0.365 χ^2 /NDF: 14157267.1/39

All: 7641.112 $\pm$ 0.245 χ^2 /NDF: 35014772.5/7

- sign 7439.138 $\pm$ 0.331 χ^2 /NDF: 20031979.1/38

dit_scandata1_mean vs Slug



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

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

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

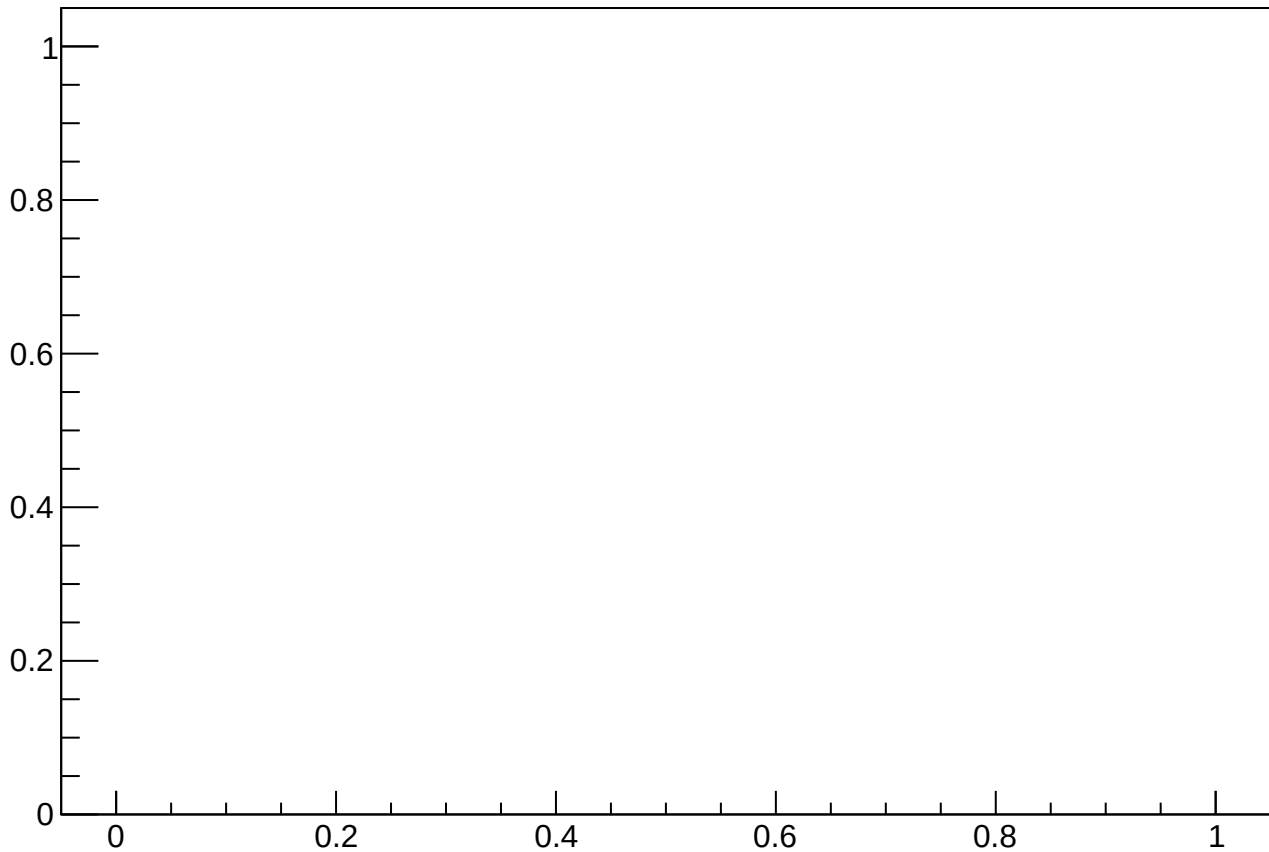
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata1_rms vs Slug



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

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

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

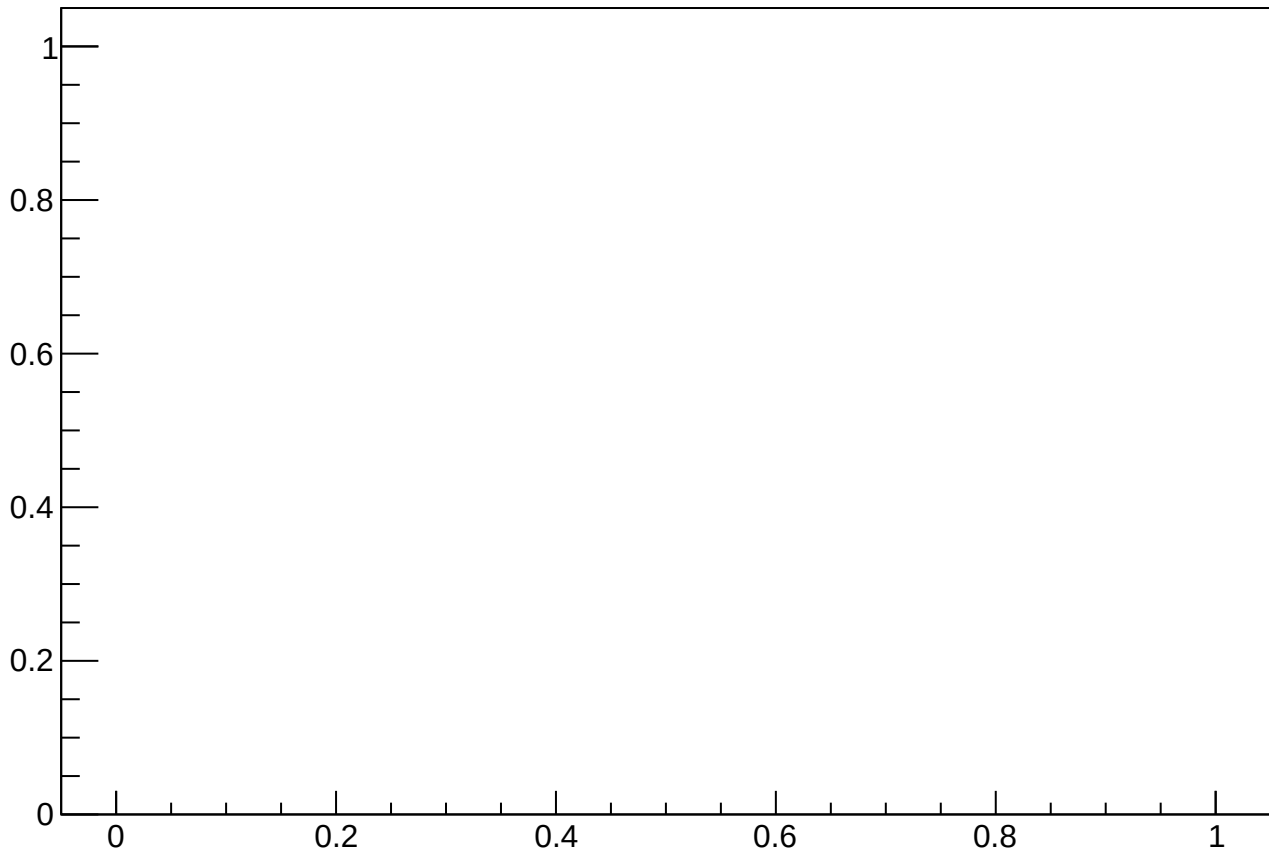
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



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

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

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

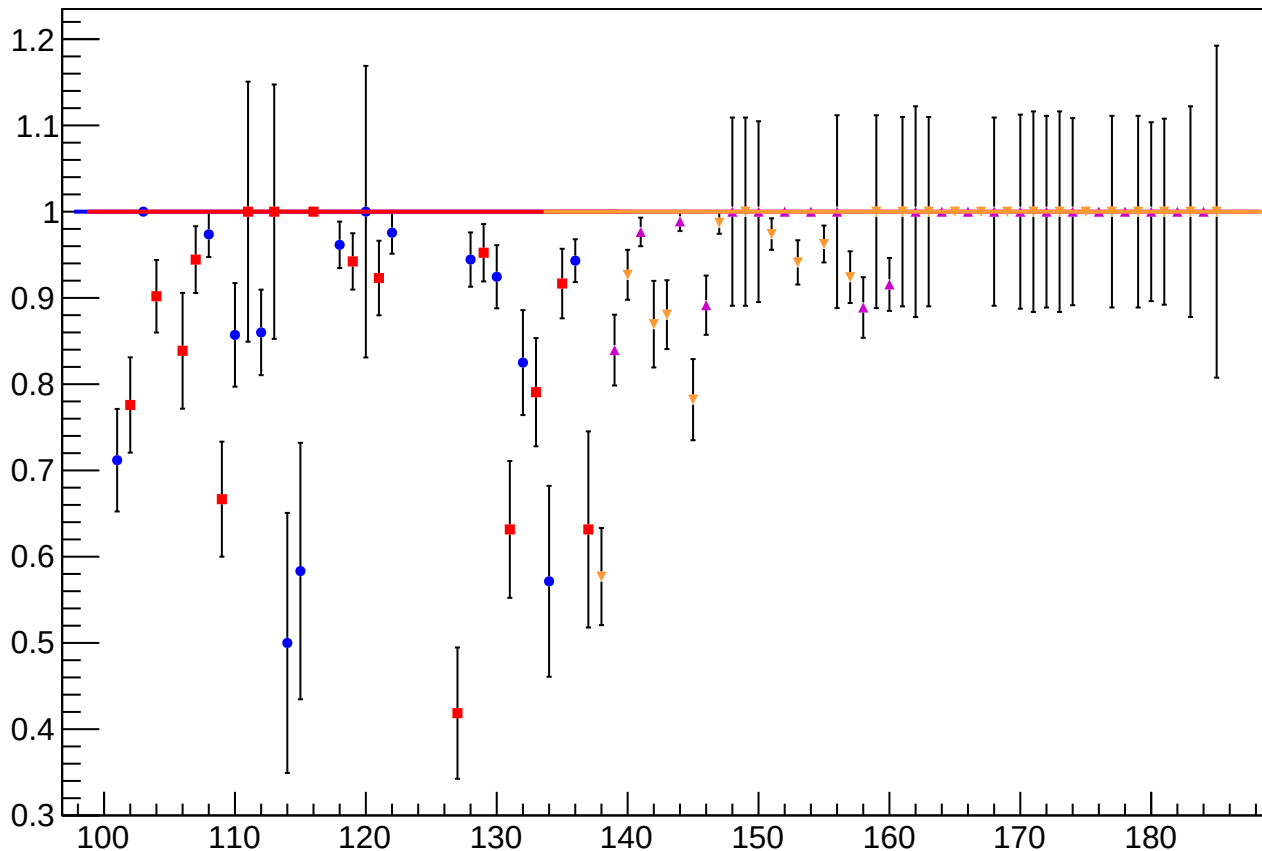
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

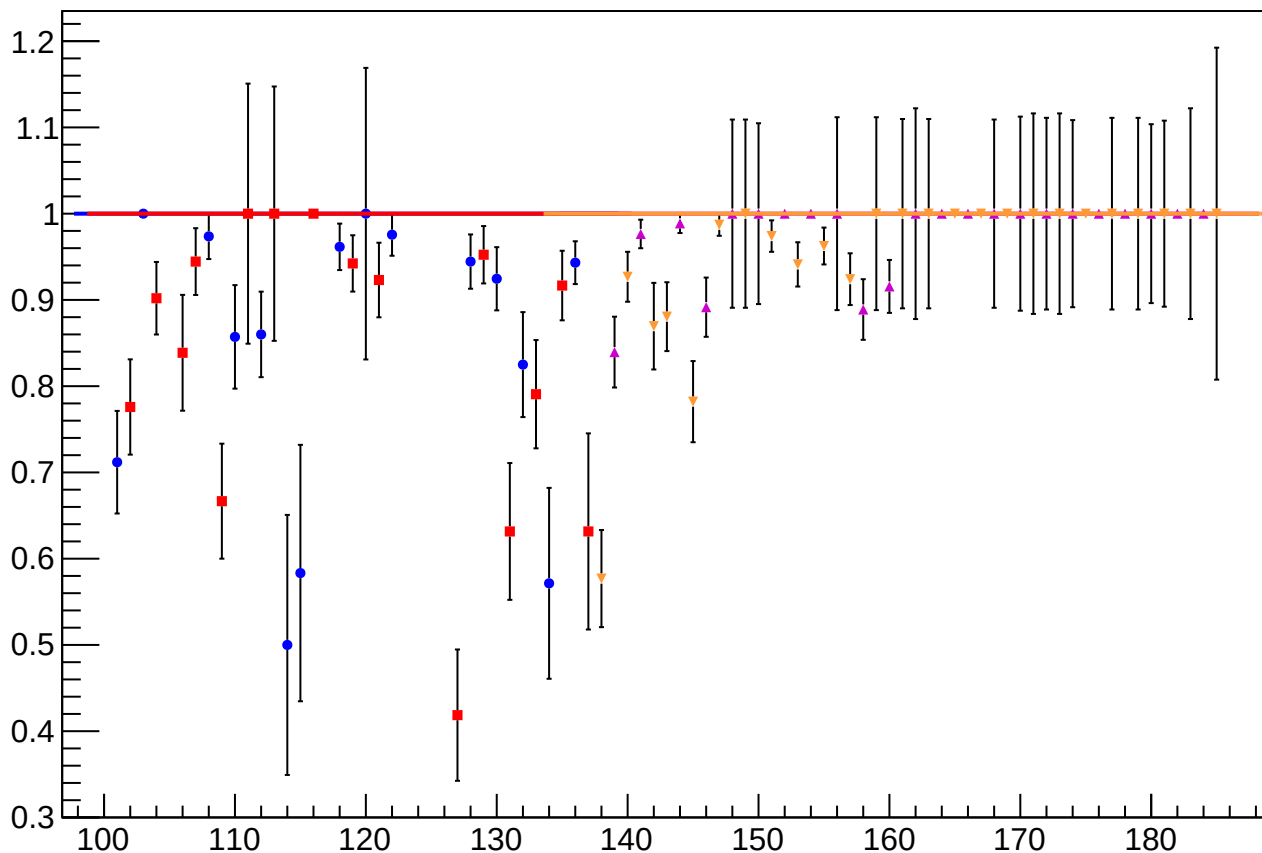
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

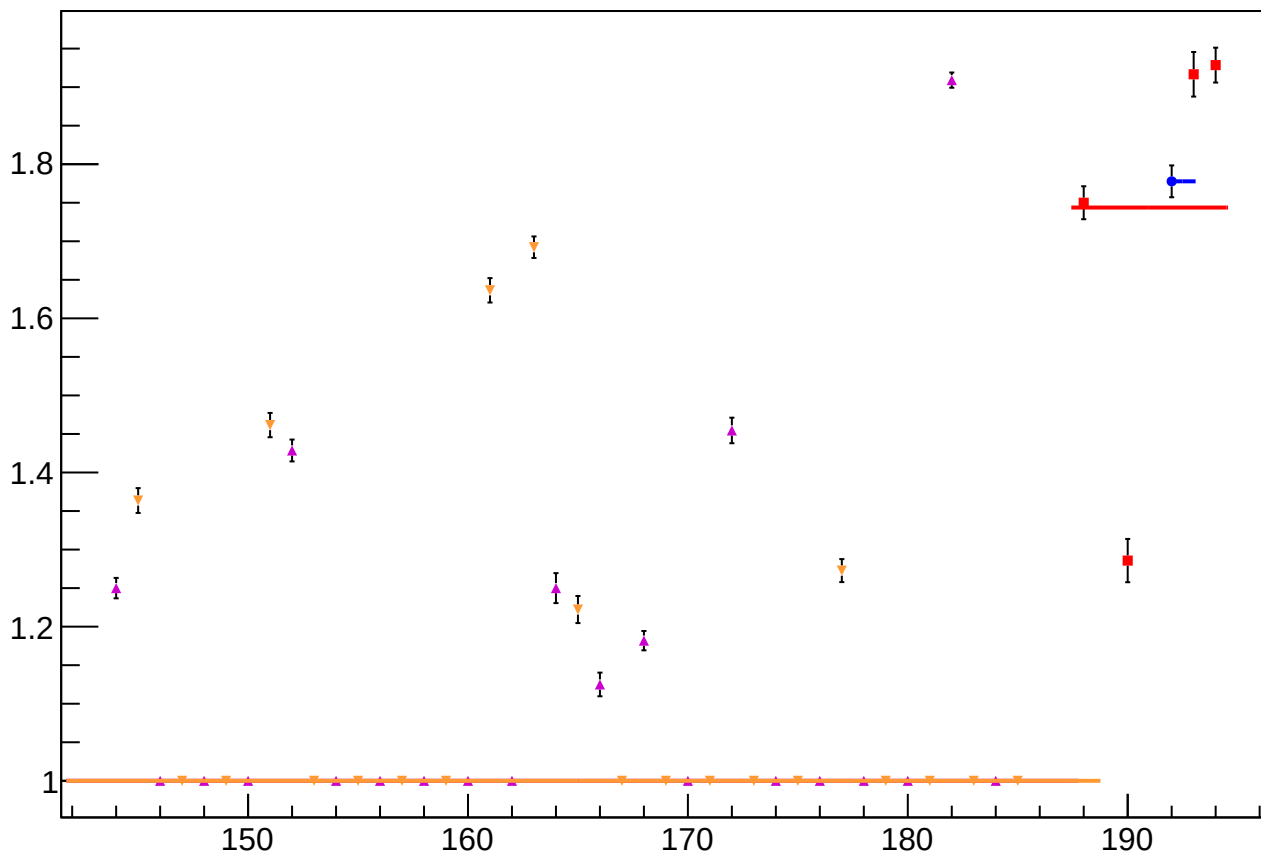
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

dit_segment_slope vs Slug



Right In: 1.778 $\pm$ 0.021 χ^2 /NDF: 0.0/0

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:18616.2/20

Right Out: 1.744 $\pm$ 0.012 χ^2 /NDF: 368.8/3

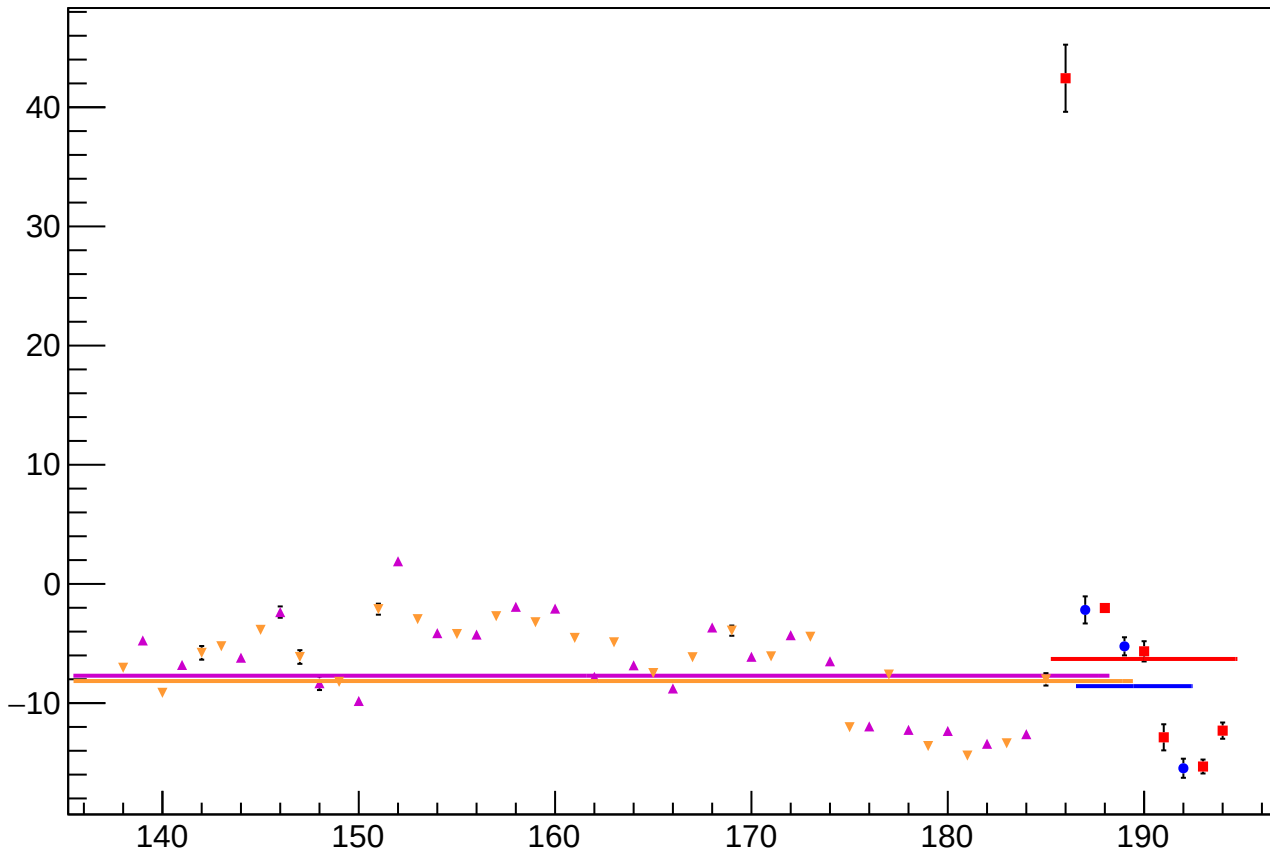
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:12089.0/20

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 20033.7/21

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 24554.1/46

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 16111.9/24

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -8.576+/-0.496 χ^2/NDF : 124.9/2

Left Out: -8.149+/-0.068 χ^2/NDF :3613.1/24

Right Out: -6.296 ± 0.248 χ^2/NDF : 814.4/5

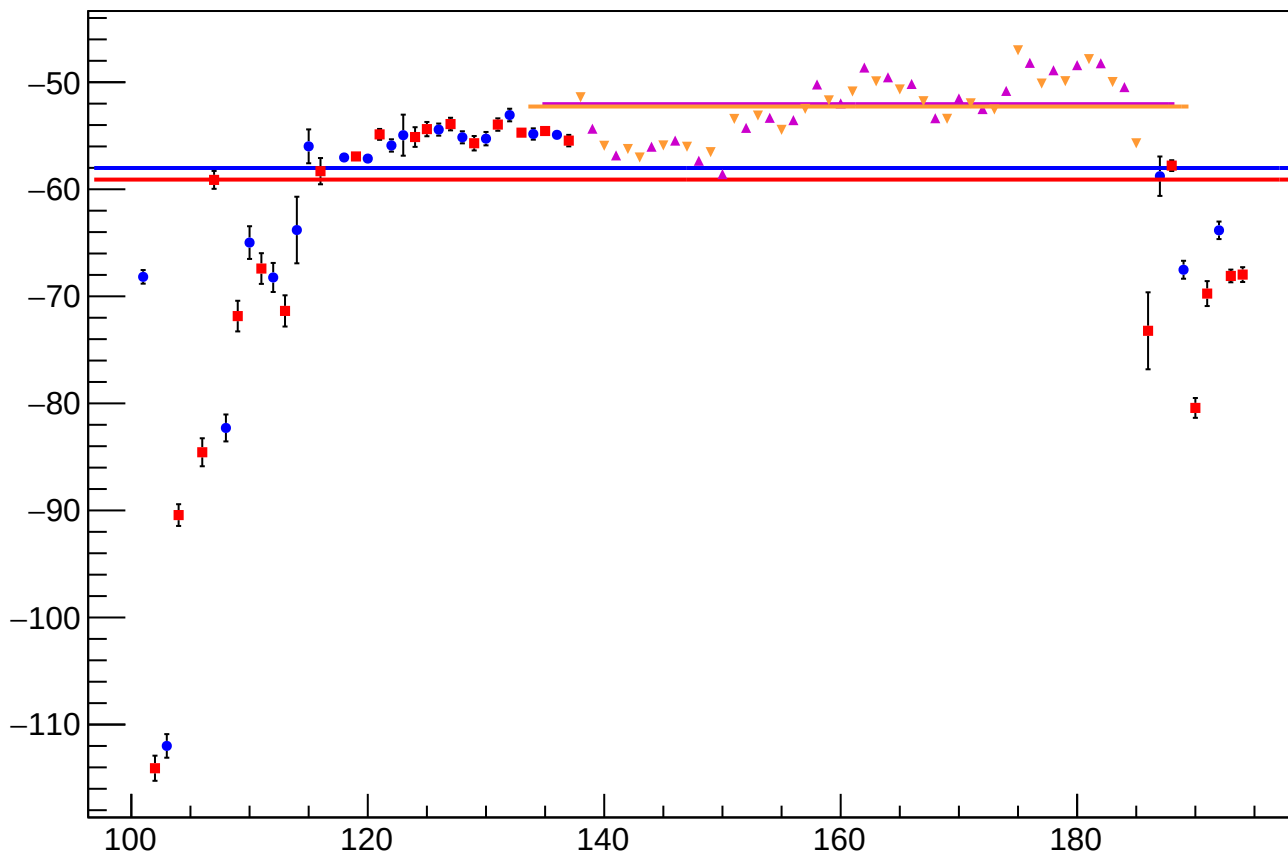
Left In: -7.701+/-0.068 χ^2/NDF :3737.2/22

+ sign -8.157+/-0.067 χ^2/NDF : 3738.7/27

All: -7.875 ± 0.047 χ^2/NDF : 8355.2/56

- sign -7.602+/-0.066 χ^2/NDF : 4581.6/28

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.013 ± 0.137 $\chi^2/\text{NDF}: 3645.5/19$

Left Out: -52.271 ± 0.055 $\chi^2/\text{NDF}: 2609.6/24$

Right Out: -59.095 ± 0.130 $\chi^2/\text{NDF}: 5476.5/23$

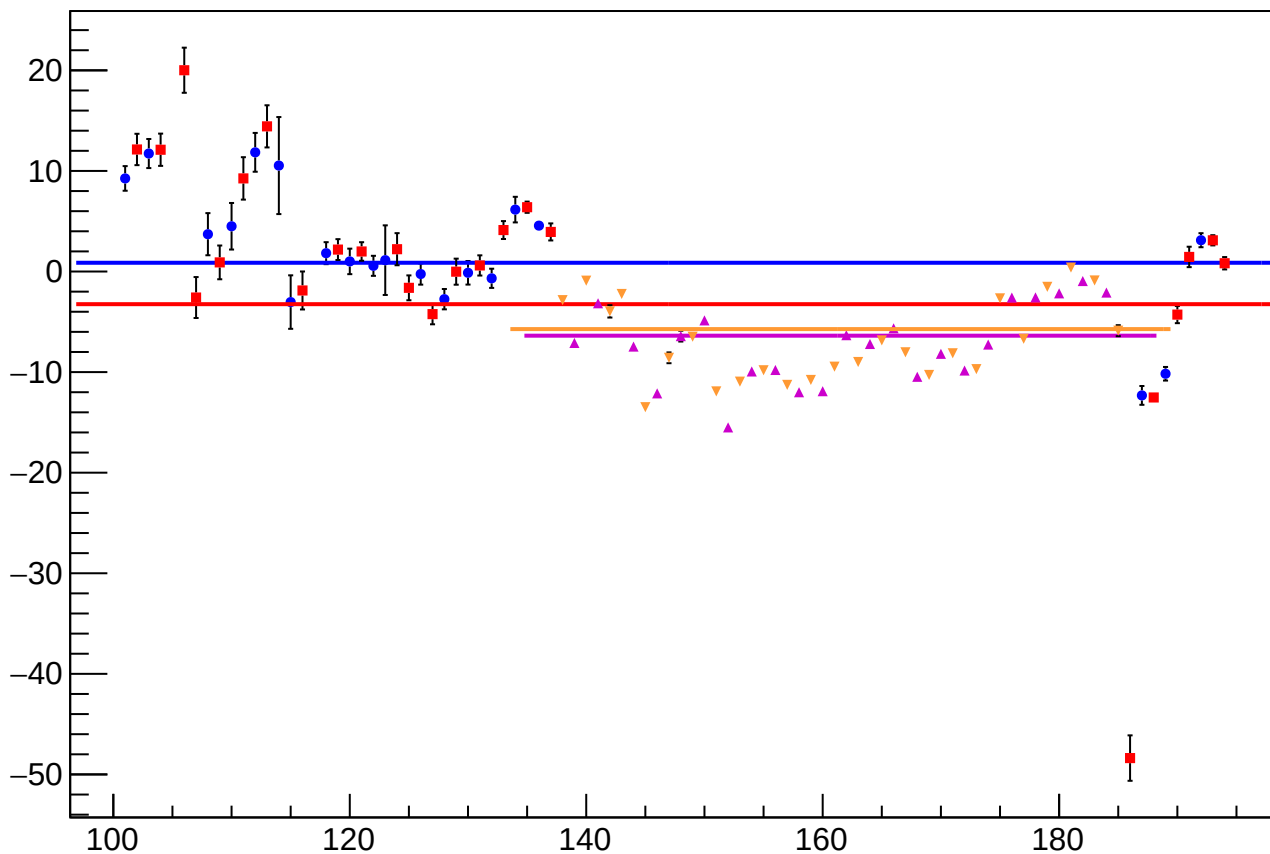
Left In: -52.050 ± 0.057 $\chi^2/\text{NDF}: 3197.5/22$

+ sign -53.072 ± 0.051 $\chi^2/\text{NDF}: 7763.9/44$

All: -53.131 ± 0.037 $\chi^2/\text{NDF}: 18919.8/91$

- sign -53.193 ± 0.052 $\chi^2/\text{NDF}: 11153.2/46$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 0.871 ± 0.221 χ^2/NDF : 741.0/19

Left Out: -5.725 ± 0.068 χ^2/NDF : 3989.1/24

Right Out: -3.246 ± 0.166 χ^2/NDF : 2725.4/23

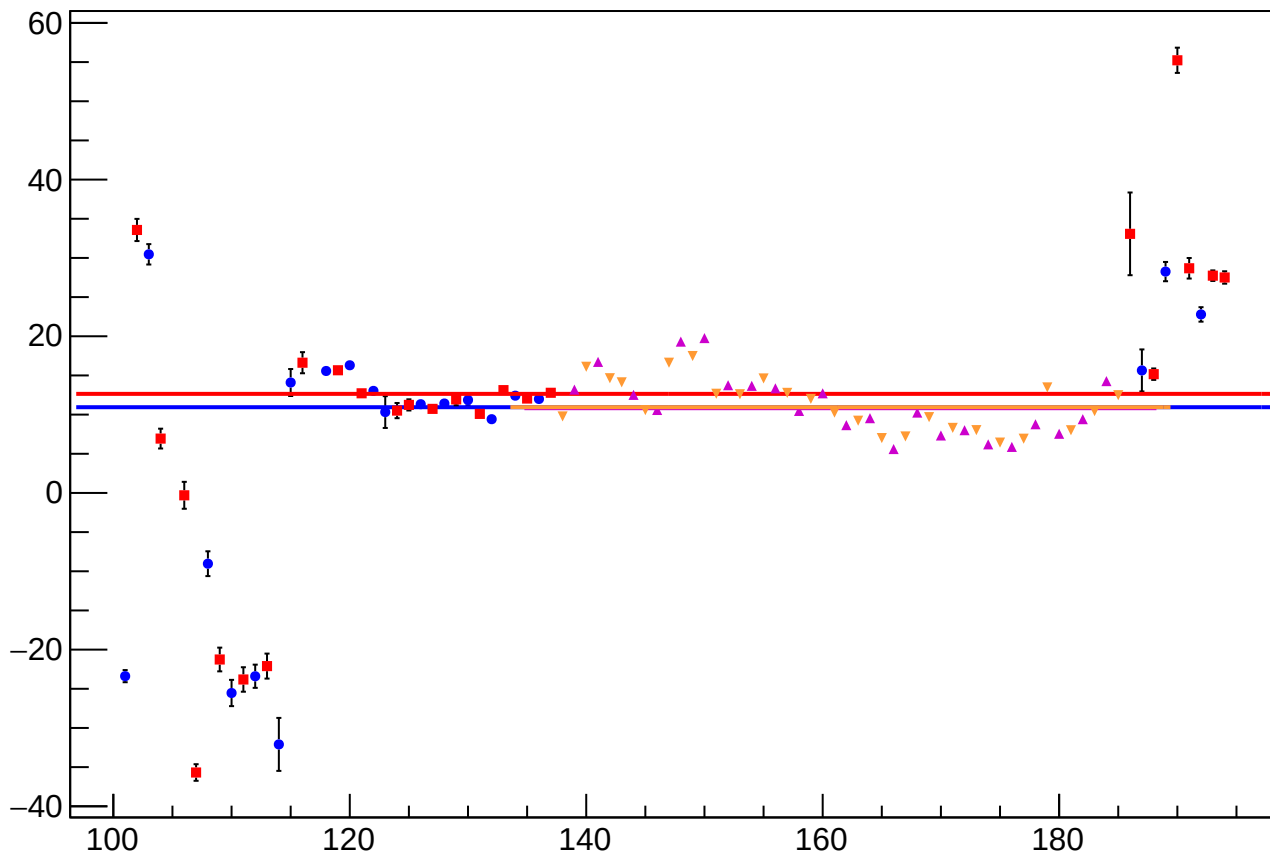
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -5.160 ± 0.065 χ^2/NDF : 5542.9/44

All: -5.551 ± 0.045 χ^2/NDF : 12041.2/91

- sign -5.924 ± 0.063 χ^2/NDF : 6426.9/46

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.944 ± 0.153 $\chi^2/\text{NDF}: 4094.3/19$

Left Out: 10.950 ± 0.062 $\chi^2/\text{NDF}: 2620.4/24$

Right Out: 12.647 ± 0.148 $\chi^2/\text{NDF}: 5717.9/23$

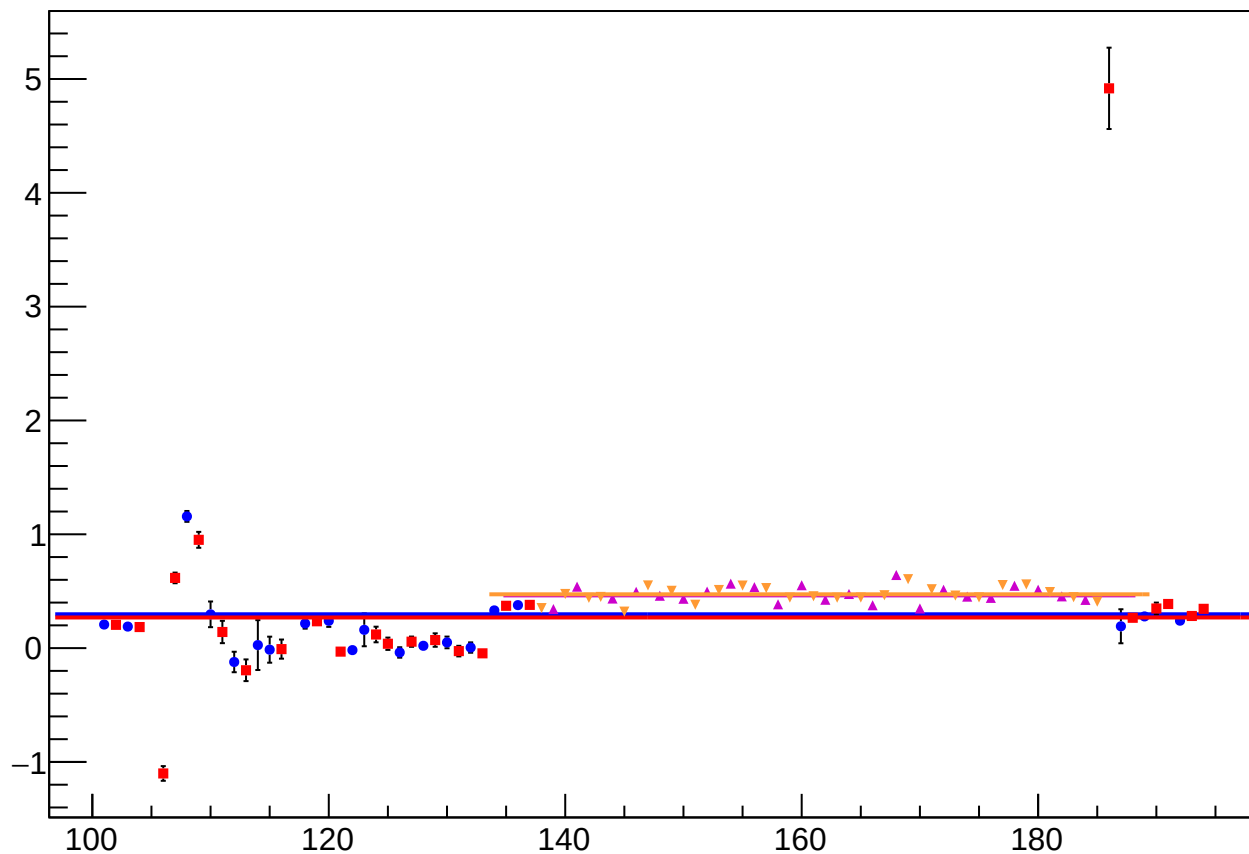
Left In: 10.818 ± 0.063 $\chi^2/\text{NDF}: 3577.7/22$

+ sign 10.949 ± 0.057 $\chi^2/\text{NDF}: 6714.7/44$

All: 11.023 ± 0.041 $\chi^2/\text{NDF}: 16143.1/91$

- sign 11.099 ± 0.058 $\chi^2/\text{NDF}: 9425.0/46$

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.297 ± 0.008 χ^2/NDF : 651.4/19

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.269 ± 0.007 χ^2/NDF : 1153.9/23

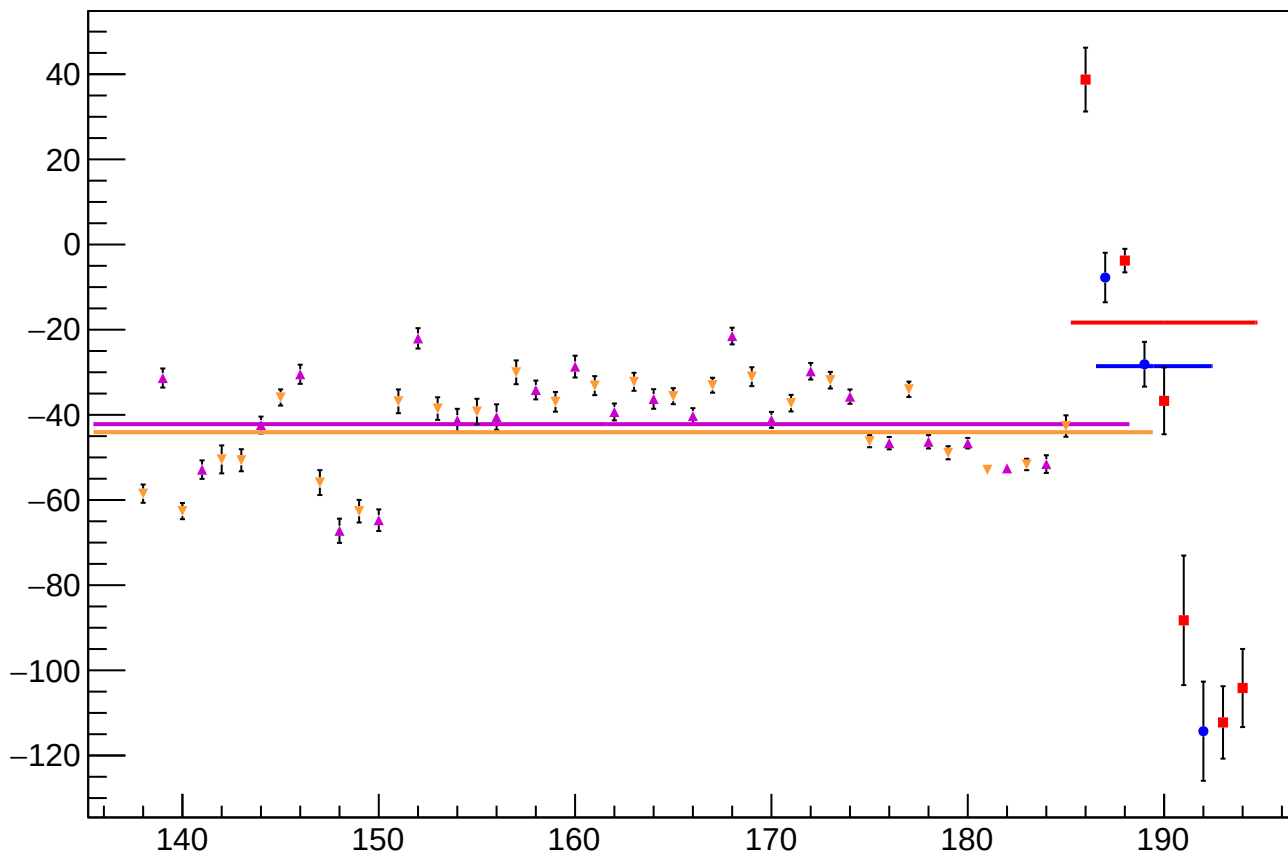
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.453 ± 0.003 χ^2/NDF : 1620.9/44

All: 0.445 ± 0.002 χ^2/NDF : 4198.2/91

- sign 0.438 ± 0.003 χ^2/NDF : 2559.5/46

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -28.564 ± 3.697 $\chi^2/\text{NDF}: 67.0/2$

Left Out: -44.074 ± 0.389 $\chi^2/\text{NDF}: 632.8/24$

Right Out: -18.326 ± 2.266 $\chi^2/\text{NDF}: 321.6/5$

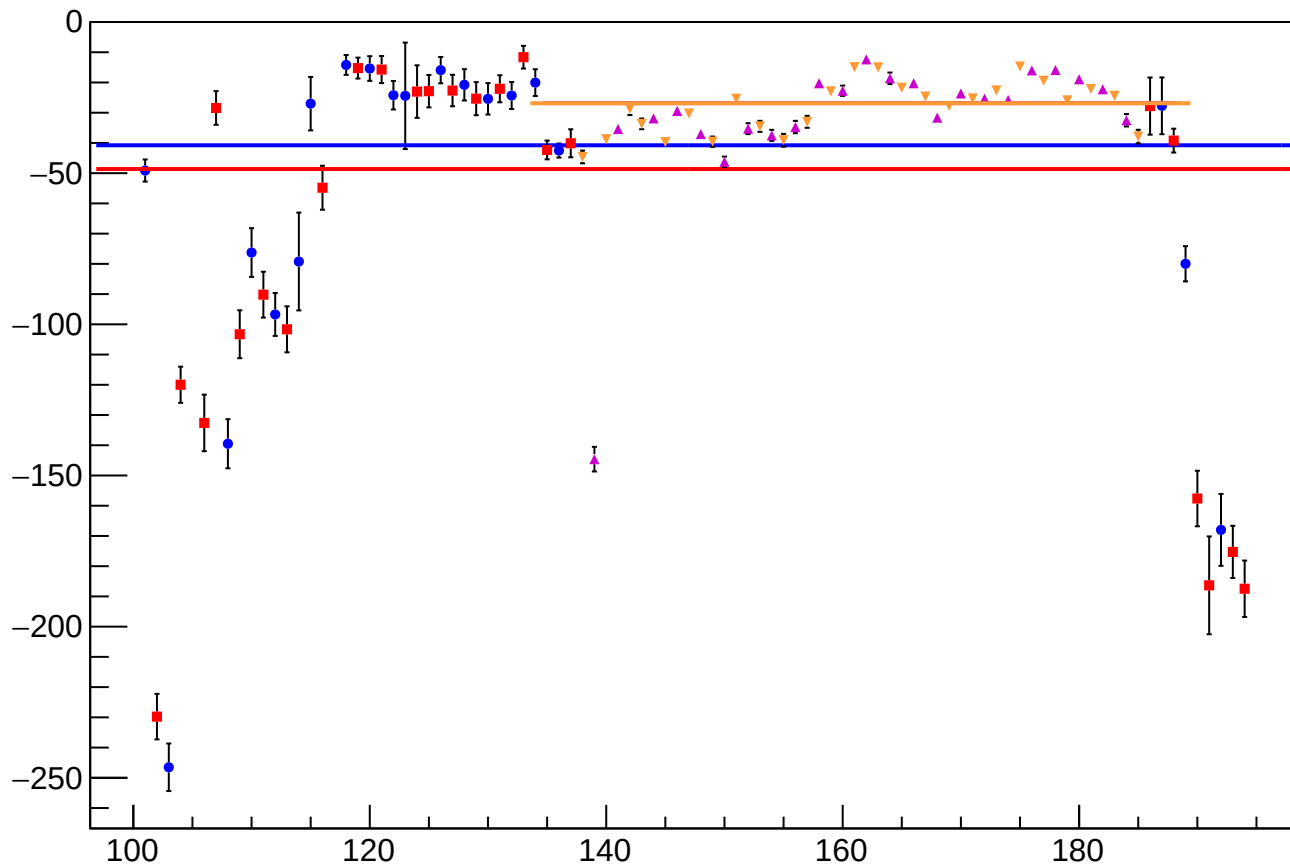
Left In: -42.185 ± 0.398 $\chi^2/\text{NDF}: 651.0/22$

+ sign -43.904 ± 0.387 $\chi^2/\text{NDF}: 717.2/27$

All: -42.702 ± 0.275 $\chi^2/\text{NDF}: 1816.9/56$

- sign -41.473 ± 0.392 $\chi^2/\text{NDF}: 1080.2/28$

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -40.774 ± 1.103 $\chi^2/\text{NDF}: 1299.1/19$

Left Out: -26.867 ± 0.317 $\chi^2/\text{NDF}: 629.1/24$

Right Out: -48.630 ± 1.120 $\chi^2/\text{NDF}: 1962.1/23$

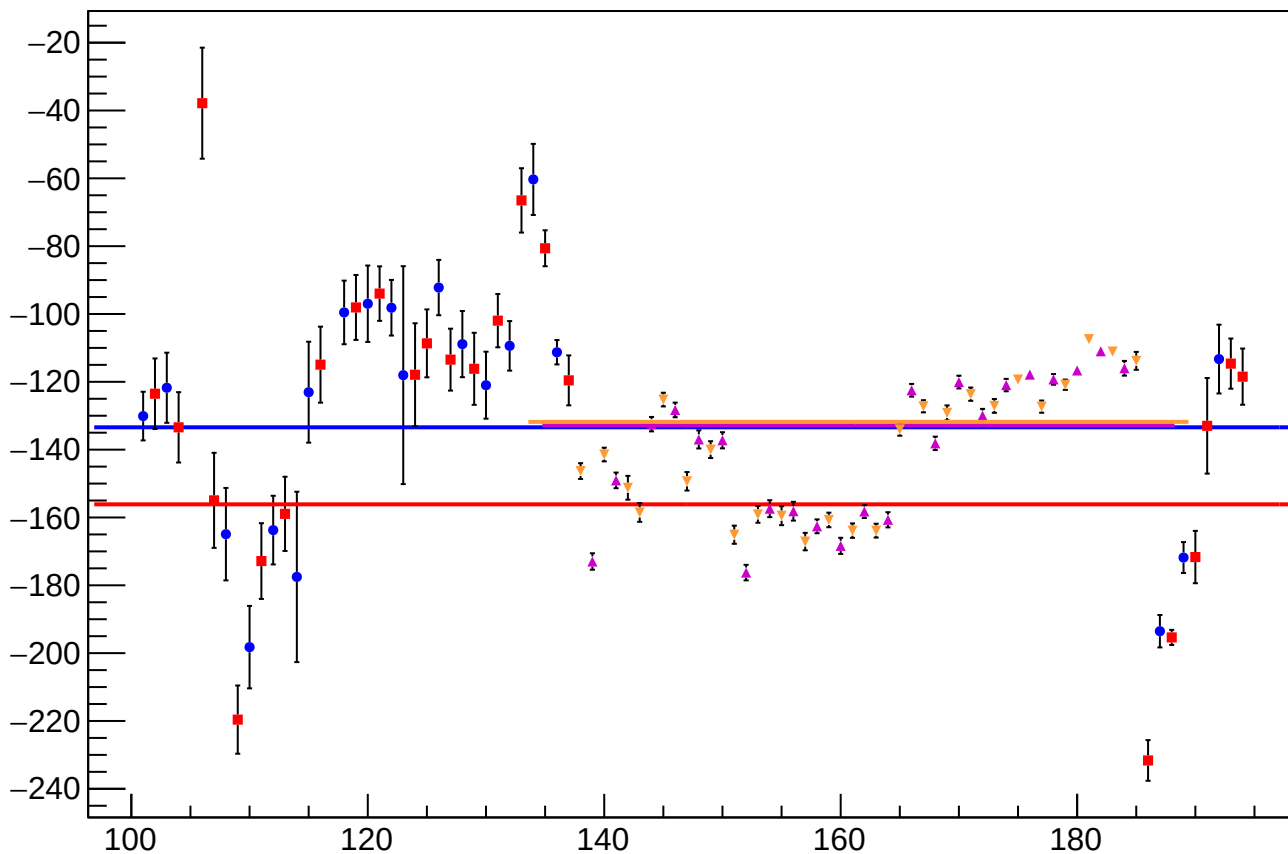
Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

+ sign -27.928 ± 0.305 $\chi^2/\text{NDF}: 2075.0/44$

All: -28.218 ± 0.218 $\chi^2/\text{NDF}: 5870.1/91$

- sign -28.523 ± 0.313 $\chi^2/\text{NDF}: 3793.3/46$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -133.411 ± 1.729 $\chi^2/\text{NDF}: 454.0/19$

Left Out: -131.805 ± 0.392 $\chi^2/\text{NDF}: 2417.0/24$

Right Out: -156.124 ± 1.431 $\chi^2/\text{NDF}: 1175.4/23$

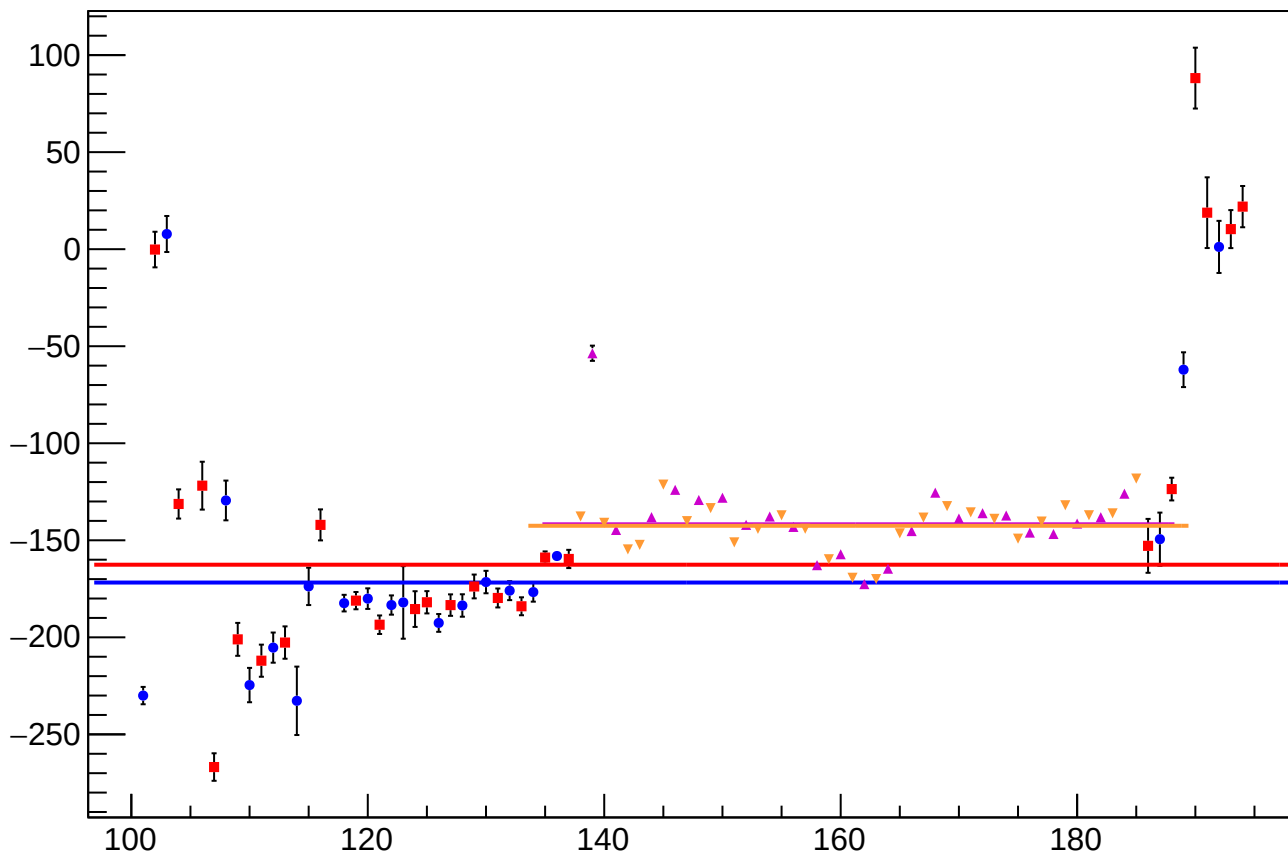
Left In: -132.799 ± 0.398 $\chi^2/\text{NDF}: 2515.9/22$

+ sign -131.884 ± 0.382 $\chi^2/\text{NDF}: 2871.9/44$

All: -133.174 ± 0.271 $\chi^2/\text{NDF}: 6832.5/91$

- sign -134.473 ± 0.383 $\chi^2/\text{NDF}: 3937.8/46$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -171.769 ± 1.244 χ^2/NDF : 1020.9/19

Left Out: -142.517 ± 0.355 χ^2/NDF : 1144.2/24

Right Out: -162.582 ± 1.287 χ^2/NDF : 1786.2/23

Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -144.715 ± 0.341 χ^2/NDF : 2676.0/44

All: -144.024 ± 0.244 χ^2/NDF : 6317.3/91

- sign -143.300 ± 0.349 χ^2/NDF : 3632.9/46

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.087 ± 0.065 χ^2/NDF : 529.3/19

Left Out: 1.568 ± 0.016 χ^2/NDF : 541.0/24

Right Out: -0.160 ± 0.065 χ^2/NDF : 841.9/23

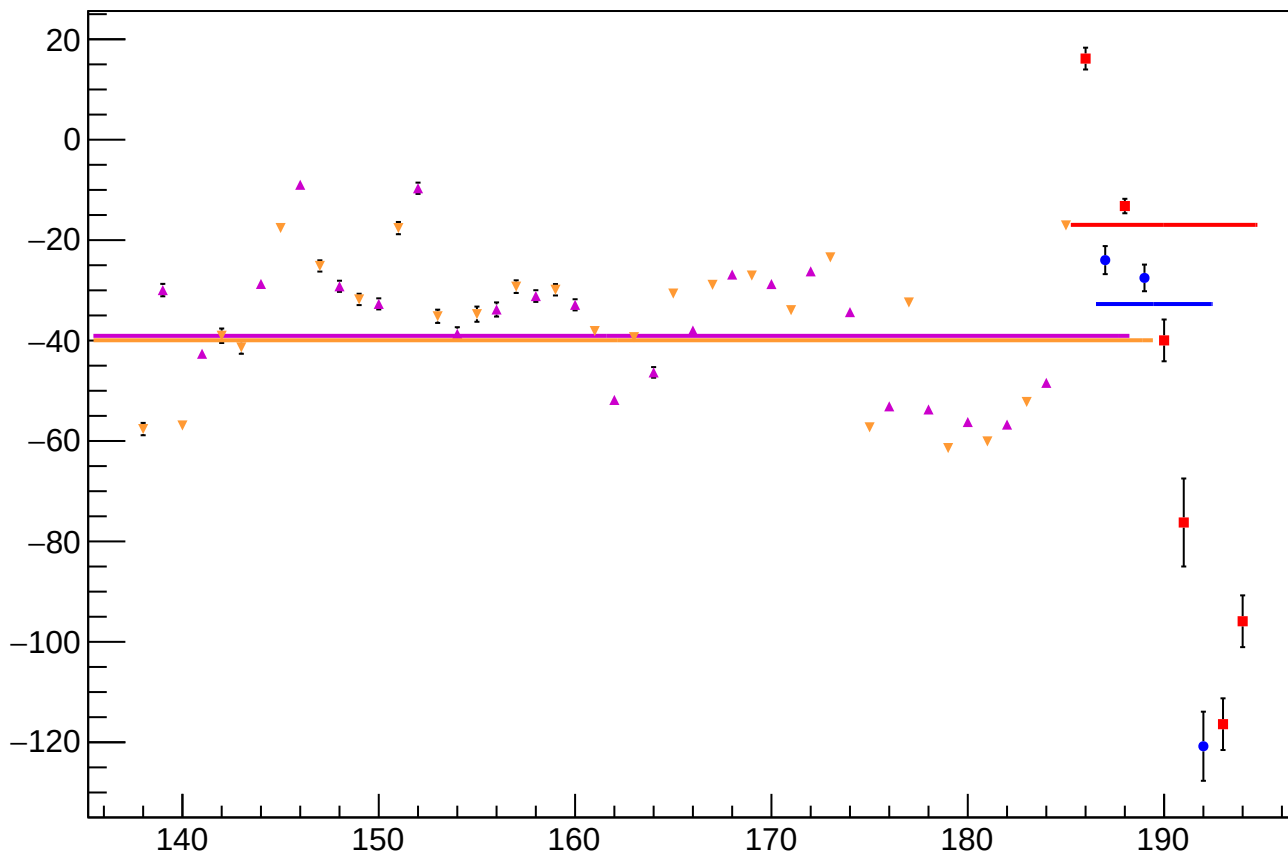
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.481 ± 0.016 χ^2/NDF : 1560.6/44

All: 1.451 ± 0.011 χ^2/NDF : 3784.6/91

- sign 1.420 ± 0.016 χ^2/NDF : 2216.5/46

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -32.727 ± 1.853 $\chi^2/\text{NDF}: 177.4/2$

Left Out: -39.942 ± 0.153 $\chi^2/\text{NDF}: 9806.2/24$

Right Out: -16.960 ± 1.091 $\chi^2/\text{NDF}: 923.3/5$

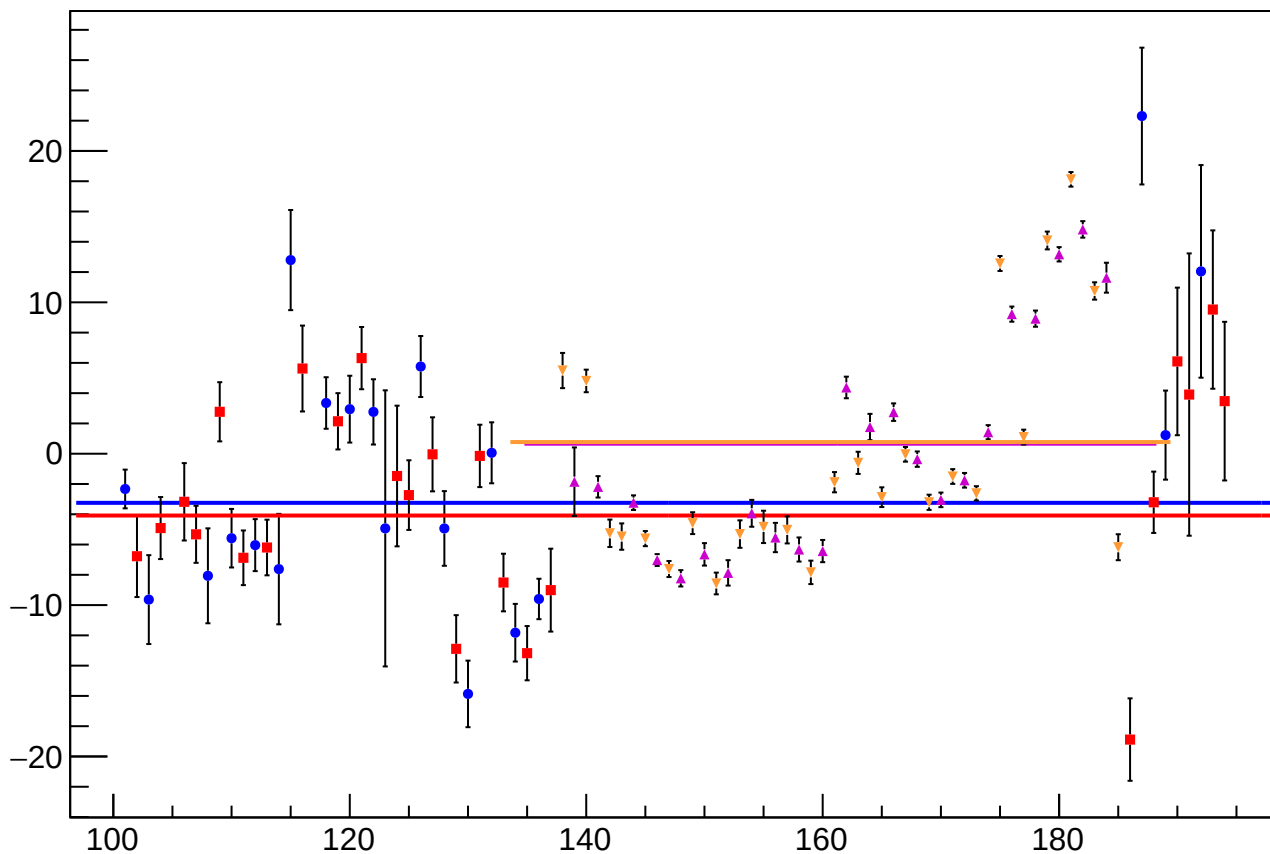
Left In: -39.060 ± 0.154 $\chi^2/\text{NDF}: 8577.0/22$

+ sign -39.893 ± 0.153 $\chi^2/\text{NDF}: 9998.6/27$

All: -39.259 ± 0.108 $\chi^2/\text{NDF}: 19935.7/56$

- sign -38.628 ± 0.152 $\chi^2/\text{NDF}: 9902.8/28$

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.245 ± 0.484 $\chi^2/\text{NDF}: 205.4/19$

Left Out: 0.770 ± 0.124 $\chi^2/\text{NDF}: 3952.9/24$

Right Out: -4.084 ± 0.477 $\chi^2/\text{NDF}: 167.0/23$

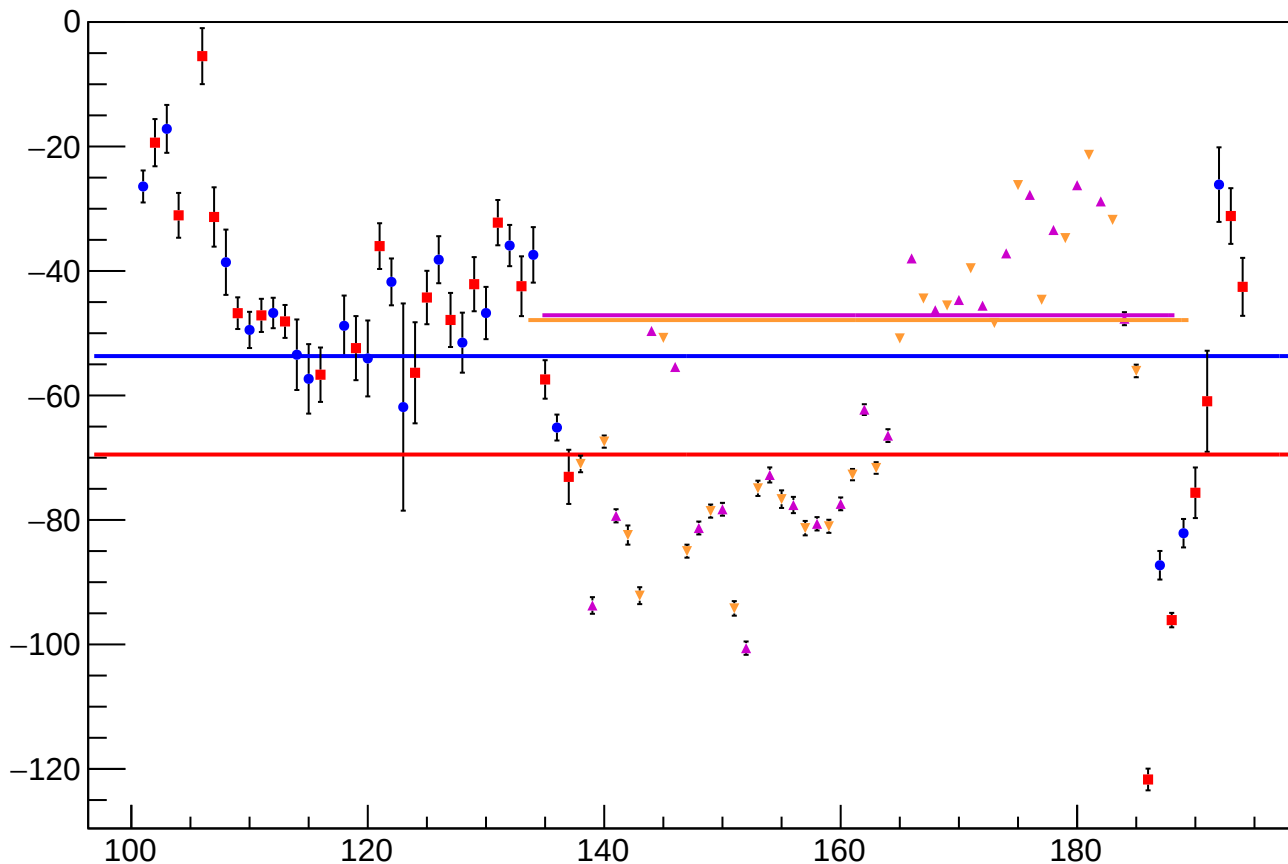
Left In: 0.662 ± 0.124 $\chi^2/\text{NDF}: 3340.9/22$

+ sign 0.522 ± 0.120 $\chi^2/\text{NDF}: 4222.9/44$

All: 0.442 ± 0.085 $\chi^2/\text{NDF}: 7824.3/91$

- sign 0.362 ± 0.120 $\chi^2/\text{NDF}: 3600.6/46$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -53.673 $\pm$ 0.768 χ^2 /NDF: 714.8/19

Left Out: -47.888 $\pm$ 0.155 χ^2 /NDF:16707.2/24

Right Out: -69.489 $\pm$ 0.628 χ^2 /NDF: 2658.6/23

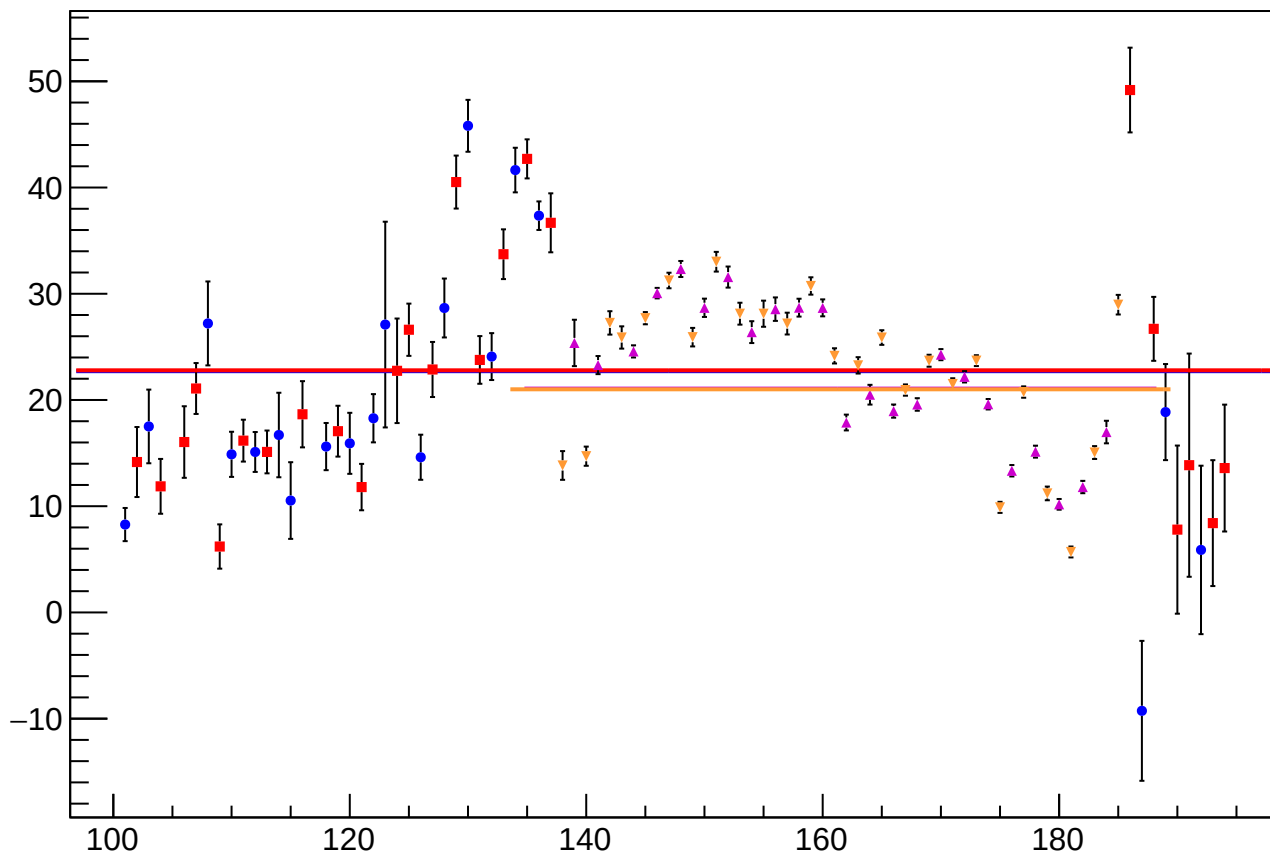
Left In: -47.112 $\pm$ 0.155 χ^2 /NDF:15654.8/22

+ sign -48.115 $\pm$ 0.152 χ^2 /NDF: 17476.6/44

All: -48.256 $\pm$ 0.107 χ^2 /NDF: 36989.6/91

- sign -48.394 $\pm$ 0.150 χ^2 /NDF: 19511.3/46

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.548 χ^2 /NDF: 490.4/19

Left Out: 21.005 $\pm$ 0.139 χ^2 /NDF:2789.5/24

Right Out: 22.793 $\pm$ 0.550 χ^2 /NDF: 426.4/23

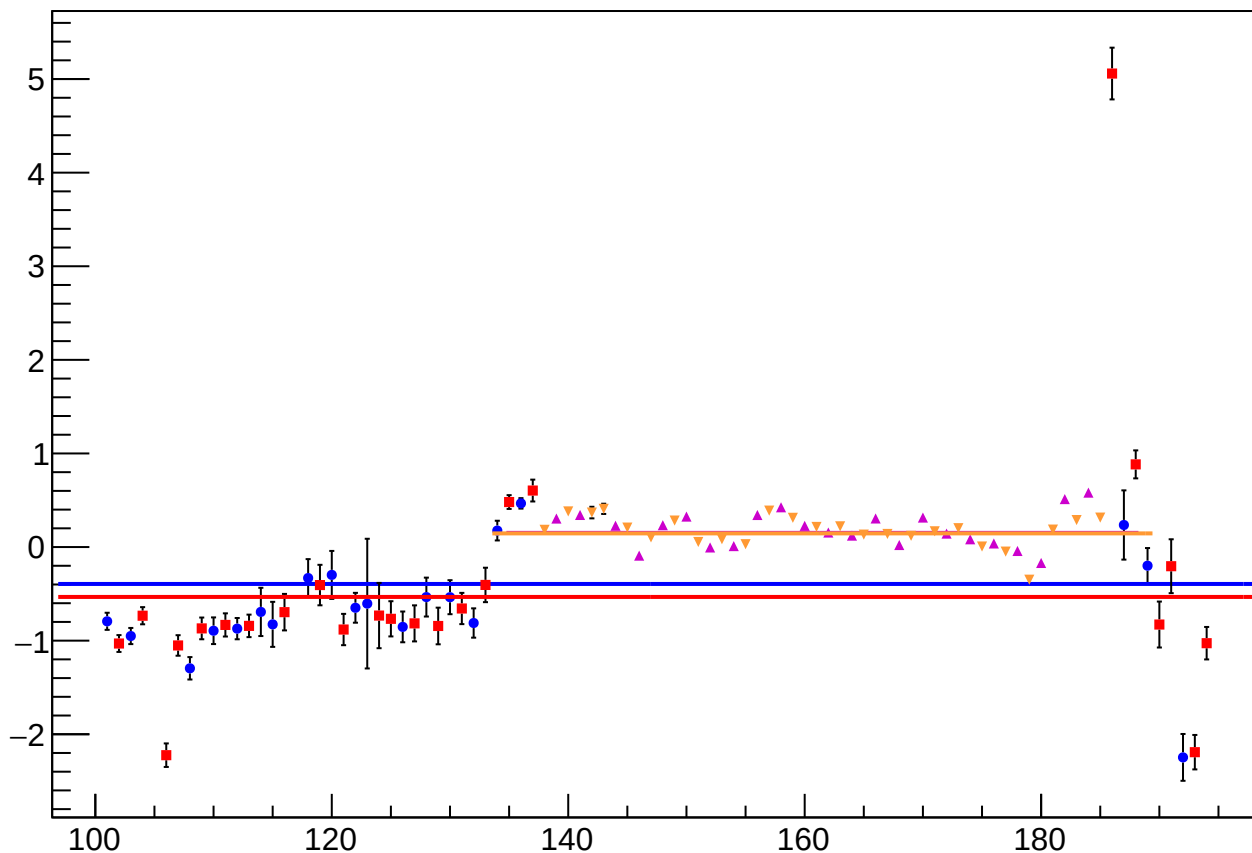
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

+ sign 21.108 $\pm$ 0.135 χ^2 /NDF: 3289.0/44

All: 21.140 $\pm$ 0.095 χ^2 /NDF: 5901.5/91

- sign 21.172 $\pm$ 0.135 χ^2 /NDF: 2612.4/46

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.394 ± 0.029 $\chi^2/\text{NDF}: 496.3/19$

Left Out: 0.146 ± 0.006 $\chi^2/\text{NDF}: 609.8/24$

Right Out: -0.533 ± 0.028 $\chi^2/\text{NDF}: 1147.2/23$

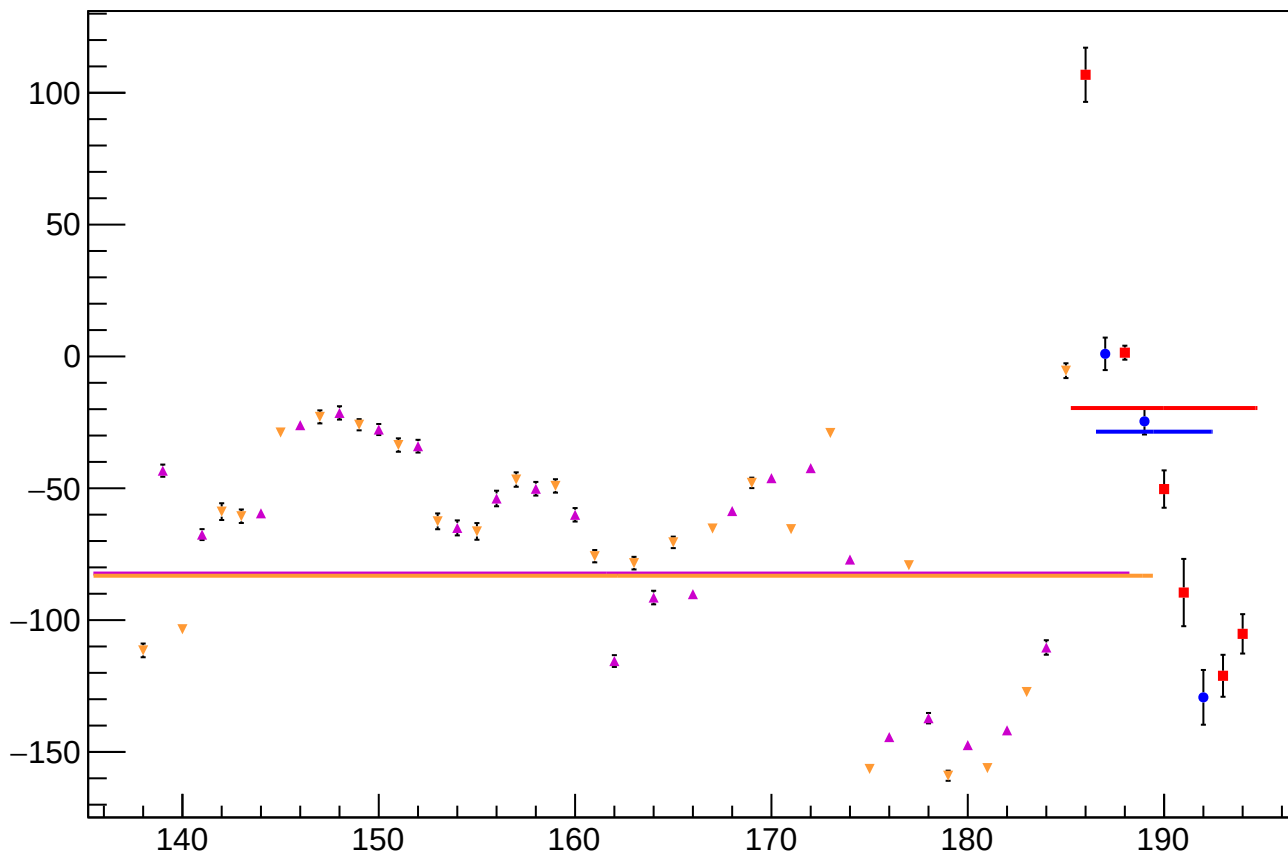
Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 873.9/22$

+ sign 0.122 ± 0.006 $\chi^2/\text{NDF}: 1428.9/44$

All: 0.120 ± 0.004 $\chi^2/\text{NDF}: 4004.2/91$

- sign 0.118 ± 0.006 $\chi^2/\text{NDF}: 2575.1/46$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -28.535 ± 3.635 $\chi^2/\text{NDF}: 117.7/2$

Left Out: -83.163 ± 0.407 $\chi^2/\text{NDF}: 13794.3/24$

Right Out: -19.566 ± 2.176 $\chi^2/\text{NDF}: 556.8/5$

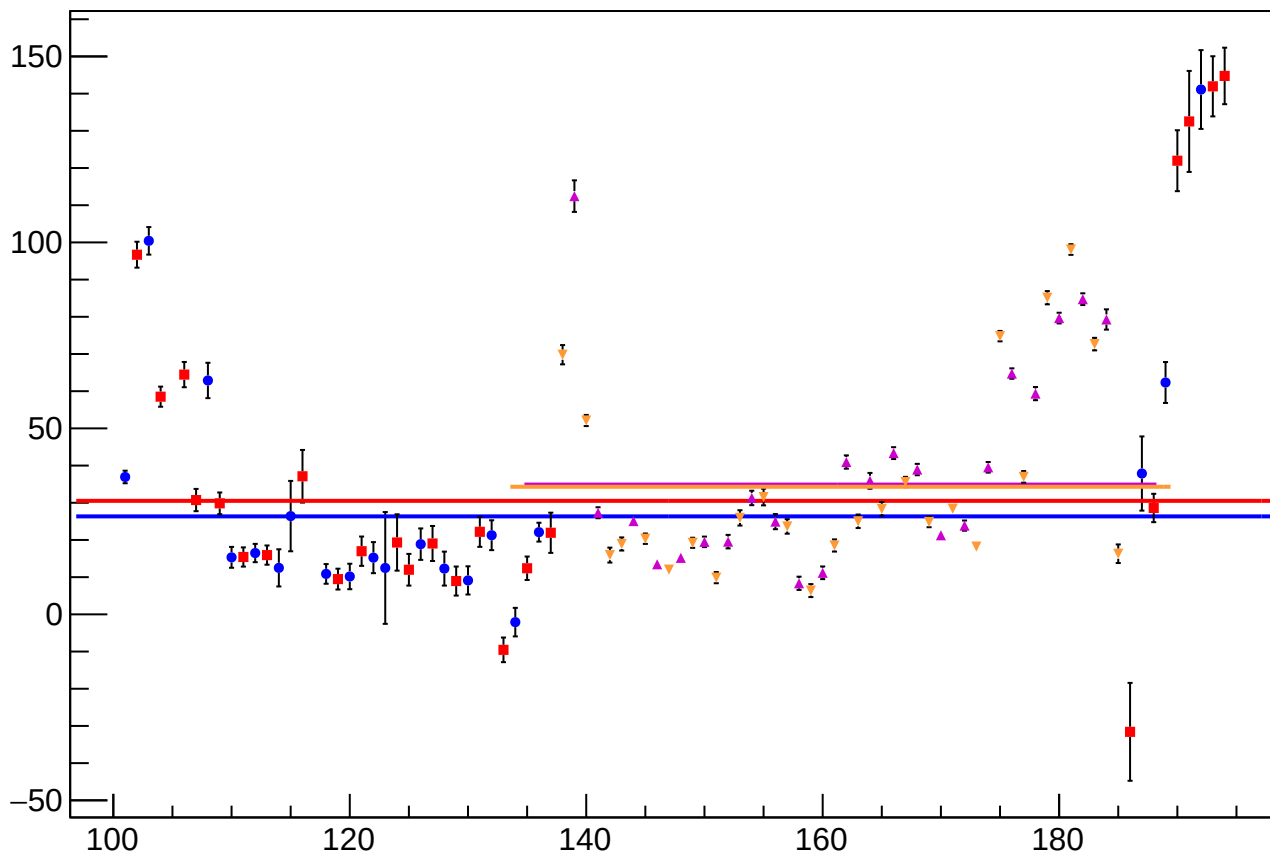
Left In: -82.342 ± 0.413 $\chi^2/\text{NDF}: 10954.9/22$

+ sign -82.486 ± 0.405 $\chi^2/\text{NDF}: 14135.0/27$

All: -81.326 ± 0.286 $\chi^2/\text{NDF}: 26466.9/56$

- sign -80.159 ± 0.406 $\chi^2/\text{NDF}: 12315.4/28$

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 26.341 ± 0.788 χ^2/NDF : 855.8/19

Left Out: 34.306 ± 0.321 χ^2/NDF : 6163.7/24

Right Out: 30.518 ± 0.780 χ^2/NDF : 1566.0/23

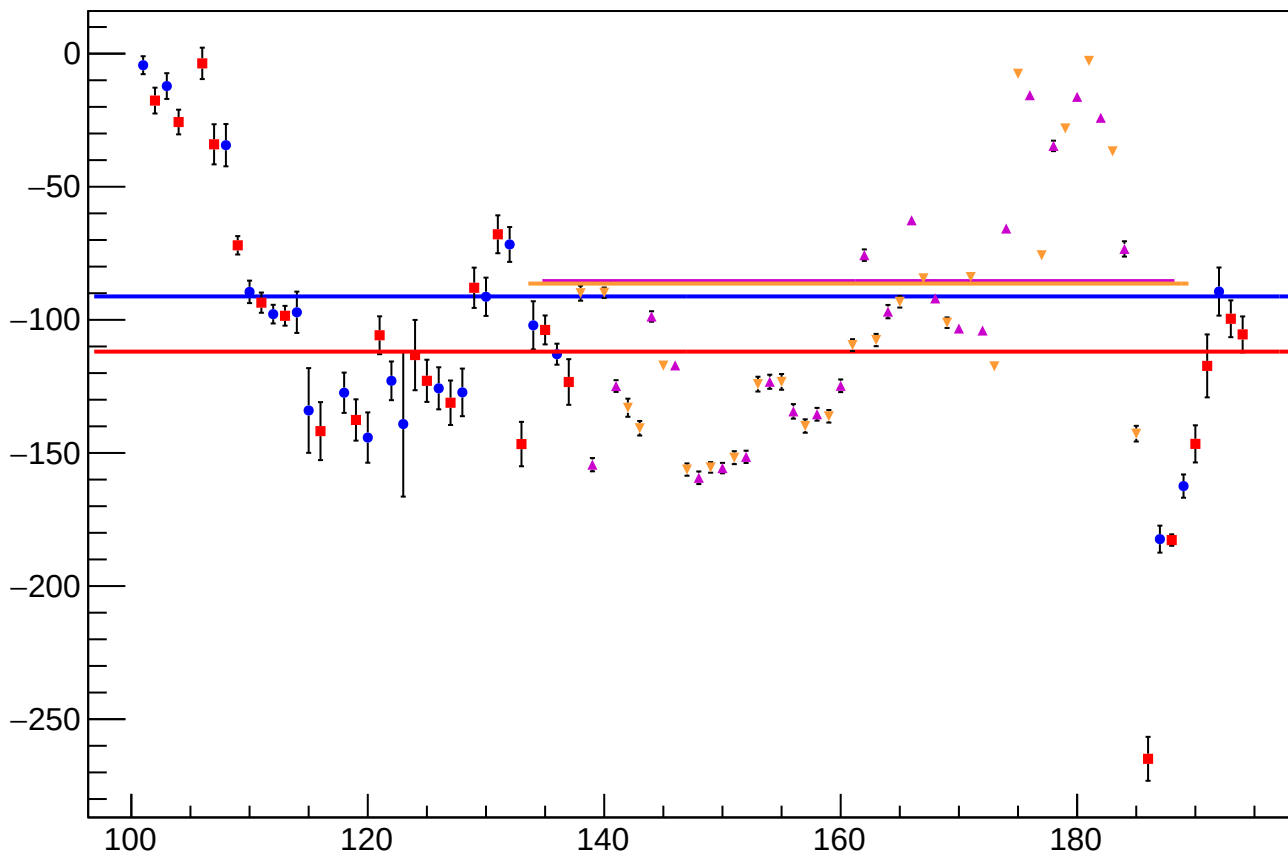
Left In: 34.893 ± 0.328 χ^2/NDF : 4754.6/22

+ sign 33.172 ± 0.297 χ^2/NDF : 7107.2/44

All: 33.694 ± 0.212 χ^2/NDF : 13460.8/91

- sign 34.235 ± 0.302 χ^2/NDF : 6347.3/46

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -91.200 ± 1.286 χ^2/NDF : 1736.4/19

Left Out: -86.377 ± 0.409 χ^2/NDF : 14435.1/24

Right Out: -111.933 ± 1.089 χ^2/NDF : 2896.0/23

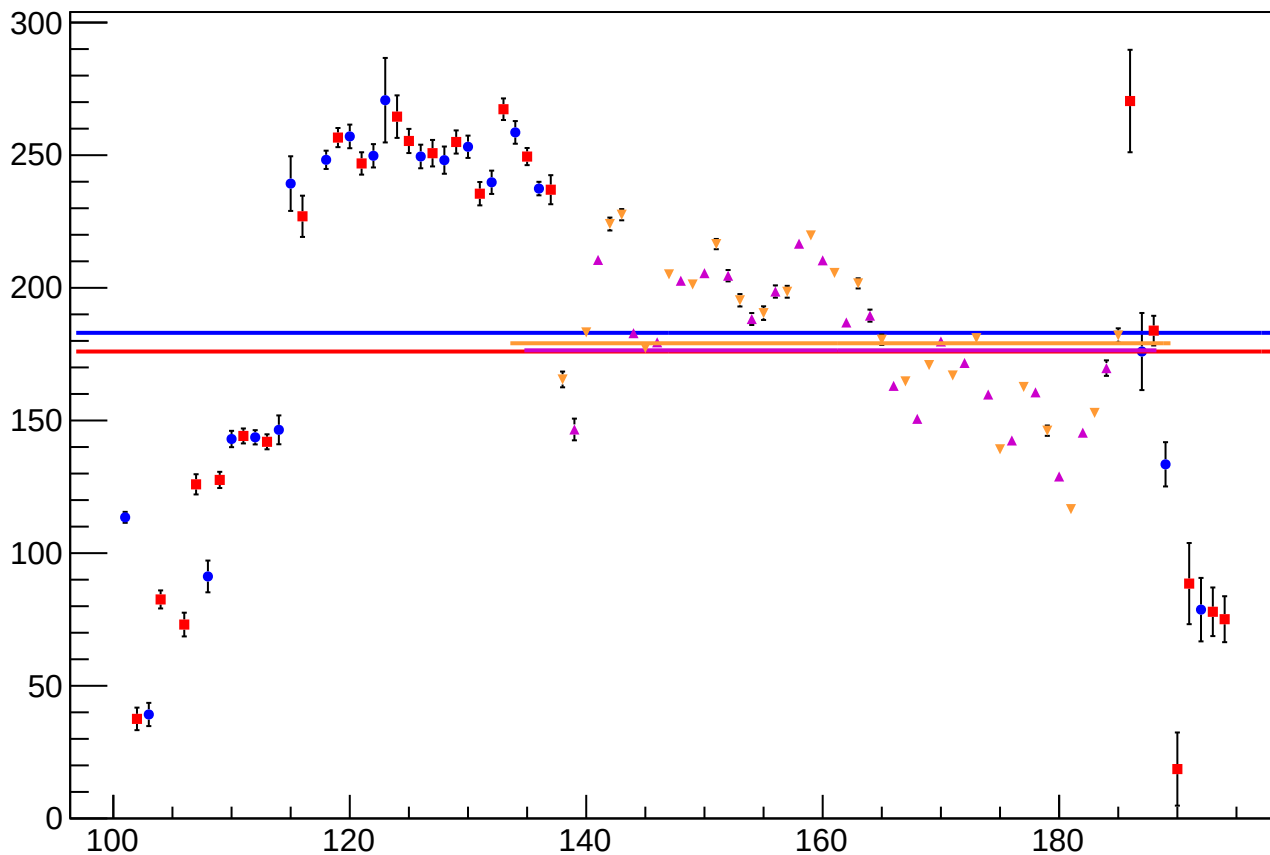
Left In: -85.441 ± 0.413 χ^2/NDF : 12998.9/22

+ sign -86.820 ± 0.390 χ^2/NDF : 16184.3/44

All: -87.806 ± 0.274 χ^2/NDF : 32609.1/91

- sign -88.774 ± 0.386 χ^2/NDF : 16412.2/46

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.041 $\pm$ 0.904 χ^2 /NDF: 5514.4/19

Left Out: 179.109 $\pm$ 0.363 χ^2 /NDF: 5877.5/24

Right Out: 175.996 $\pm$ 0.900 χ^2 /NDF: 6612.2/23

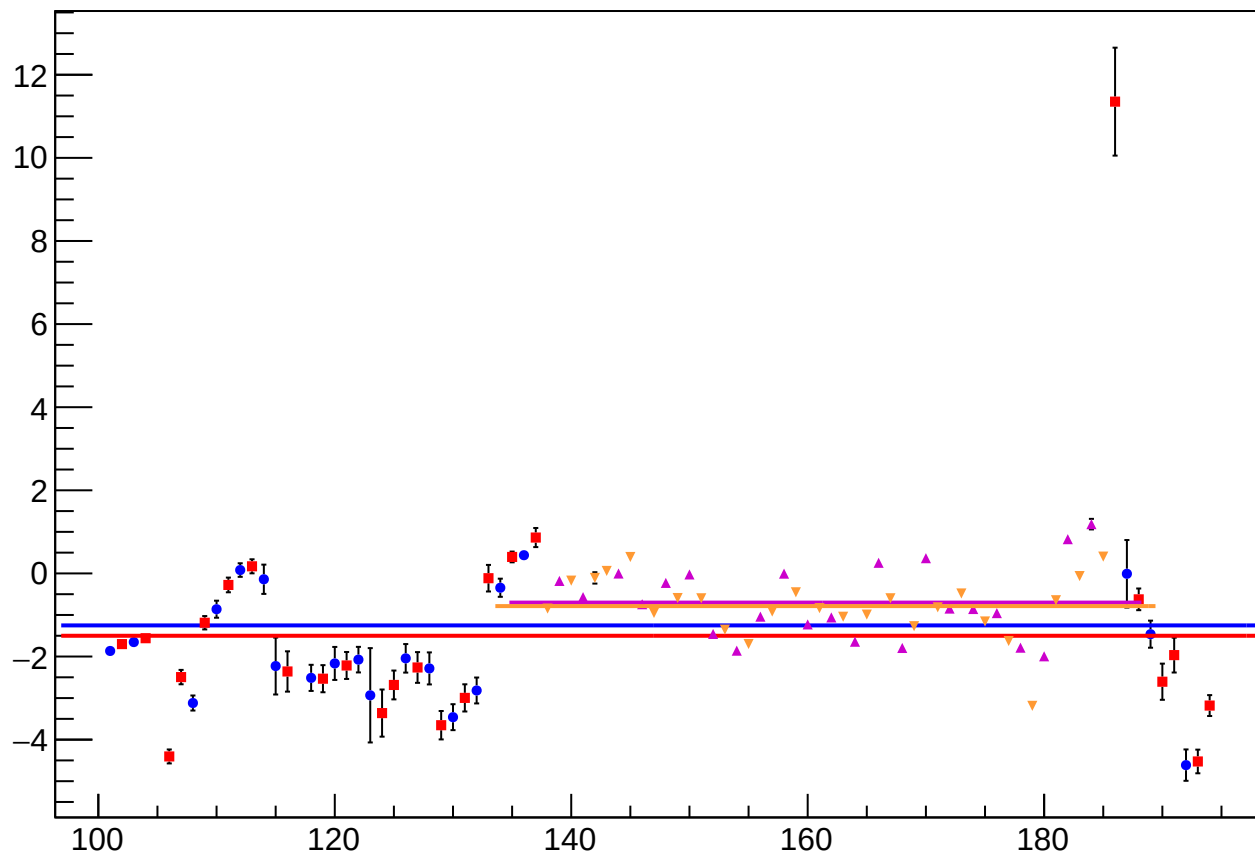
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.654 $\pm$ 0.337 χ^2 /NDF: 11408.2/44

All: 178.045 $\pm$ 0.240 χ^2 /NDF: 22509.2/91

- sign 176.384 $\pm$ 0.342 χ^2 /NDF: 11054.5/46

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.251 ± 0.047 χ^2/NDF : 706.5/19

Left Out: -0.787 ± 0.017 χ^2/NDF : 1760.7/24

Right Out: -1.500 ± 0.044 χ^2/NDF : 1203.5/23

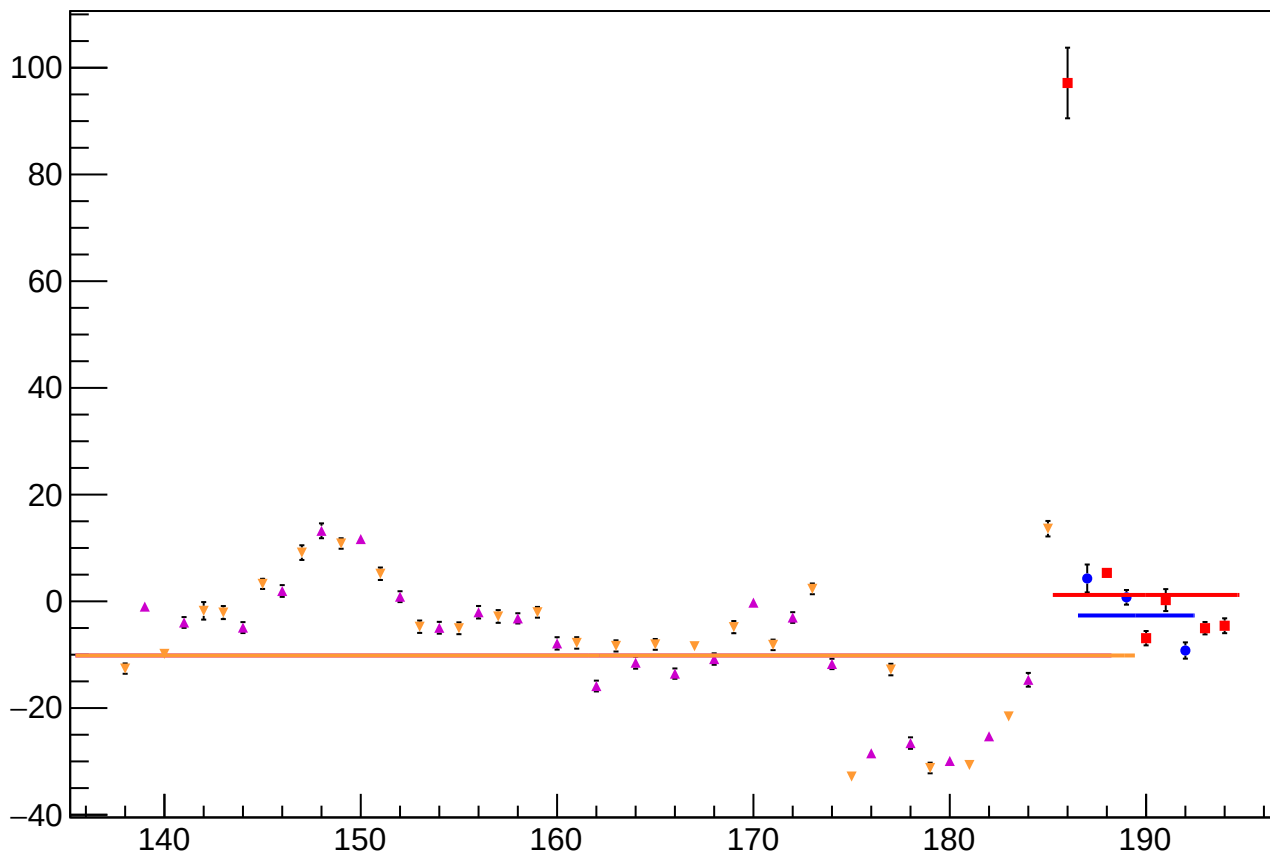
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.838 ± 0.016 χ^2/NDF : 2553.6/44

All: -0.822 ± 0.011 χ^2/NDF : 6472.1/91

- sign -0.806 ± 0.016 χ^2/NDF : 3916.4/46

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -2.652 ± 0.951 χ^2/NDF : 31.7/2

Left Out: -10.147 ± 0.202 χ^2/NDF : 4128.5/24

Right Out: 1.198 ± 0.471 χ^2/NDF : 334.1/5

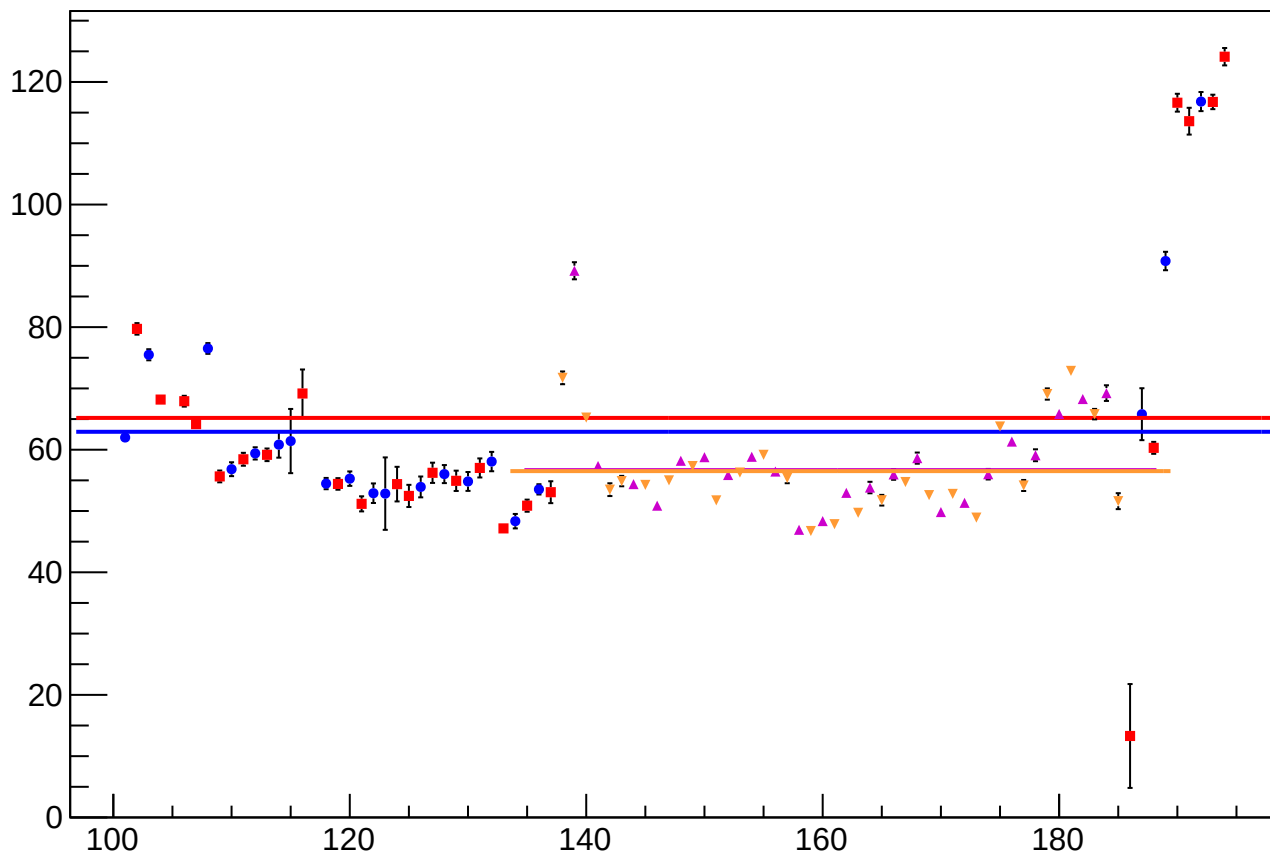
Left In: -10.149 ± 0.204 χ^2/NDF : 3491.7/22

+ sign -9.824 ± 0.197 χ^2/NDF : 4219.7/27

All: -9.052 ± 0.136 χ^2/NDF : 8563.3/56

- sign -8.358 ± 0.187 χ^2/NDF : 4314.5/28

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 62.925 ± 0.254 χ^2/NDF : 2552.1/19

Left Out: 56.508 ± 0.159 χ^2/NDF : 1962.3/24

Right Out: 65.189 ± 0.229 χ^2/NDF : 7260.3/23

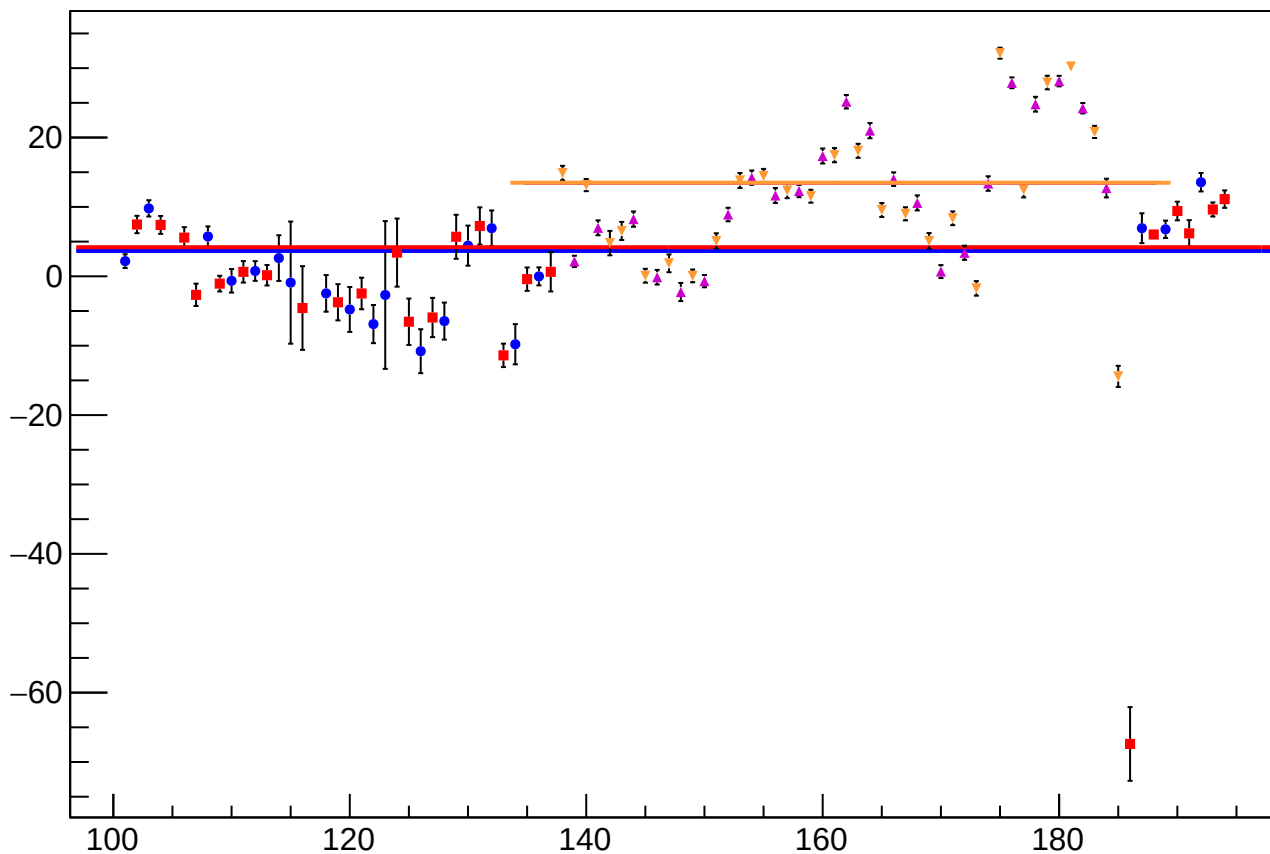
Left In: 56.674 ± 0.165 χ^2/NDF : 1679.8/22

+ sign 58.321 ± 0.135 χ^2/NDF : 4973.2/44

All: 58.954 ± 0.095 χ^2/NDF : 14868.2/91

- sign 59.576 ± 0.134 χ^2/NDF : 9851.4/46

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 3.655 ± 0.402 χ^2/NDF : 200.2/19

Left Out: 13.485 ± 0.202 χ^2/NDF : 2731.0/24

Right Out: 4.192 ± 0.294 χ^2/NDF : 474.7/23

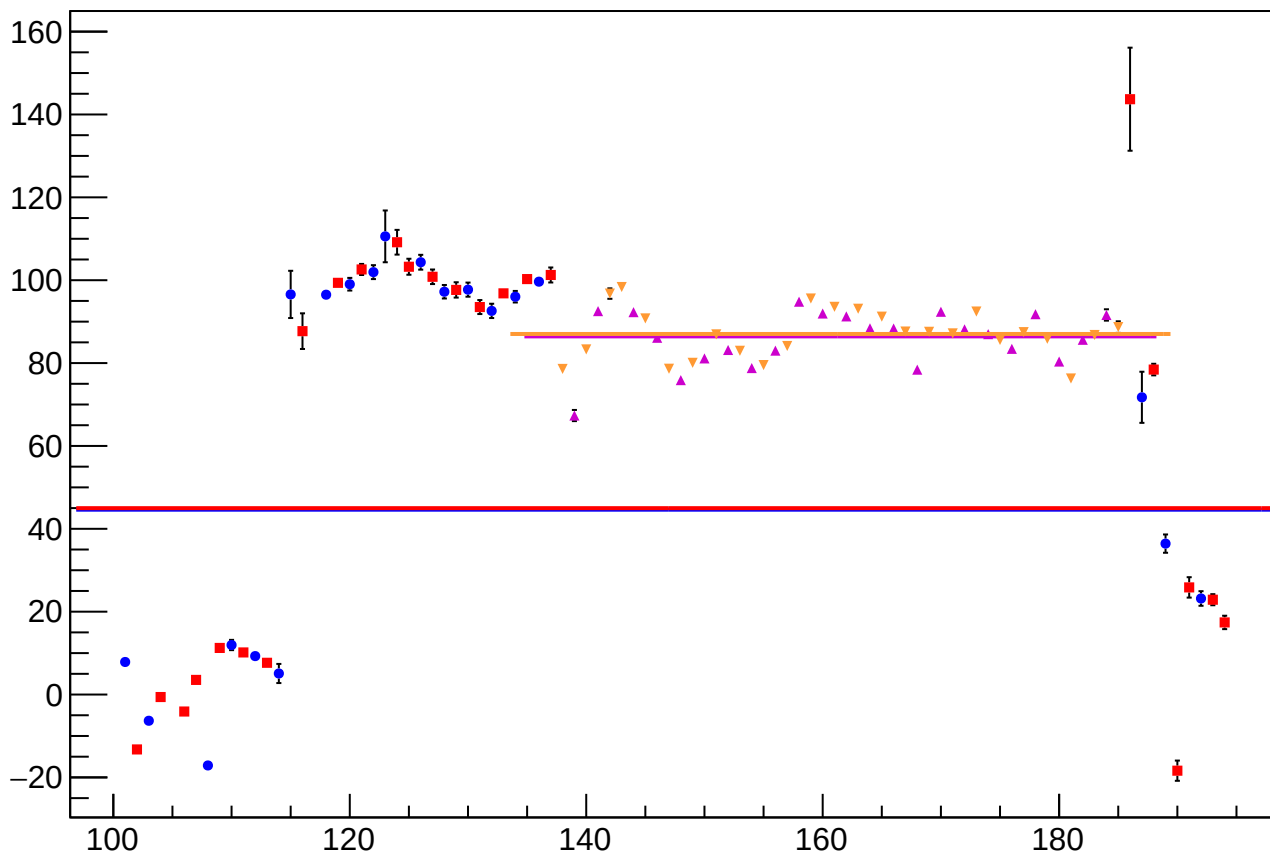
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.505 ± 0.180 χ^2/NDF : 3409.0/44

All: 10.943 ± 0.123 χ^2/NDF : 6946.4/91

- sign 10.462 ± 0.167 χ^2/NDF : 3519.4/46

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.618 $\pm$ 0.296 χ^2 /NDF: 25258.3/19

Left Out: 87.023 $\pm$ 0.179 χ^2 /NDF:1057.2/24

Right Out: 44.982 $\pm$ 0.271 χ^2 /NDF: 29813.9/23

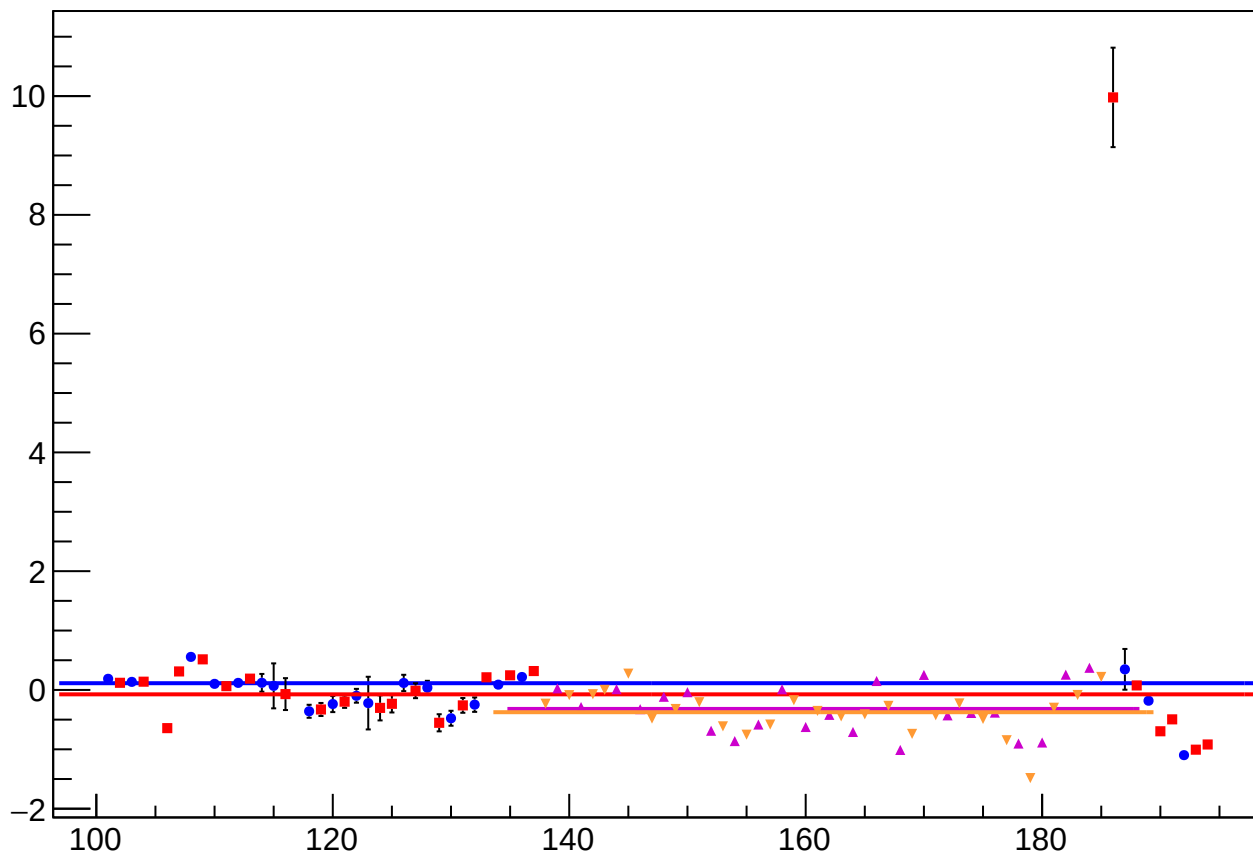
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 75.612 $\pm$ 0.153 χ^2 /NDF: 41337.1/44

All: 74.484 $\pm$ 0.108 χ^2 /NDF: 88303.8/91

- sign 73.373 $\pm$ 0.152 χ^2 /NDF: 46859.4/46

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.113 ± 0.013 $\chi^2/\text{NDF}: 750.3/19$

Left Out: -0.375 ± 0.008 $\chi^2/\text{NDF}: 1657.5/24$

Right Out: -0.074 ± 0.012 $\chi^2/\text{NDF}: 1770.6/23$

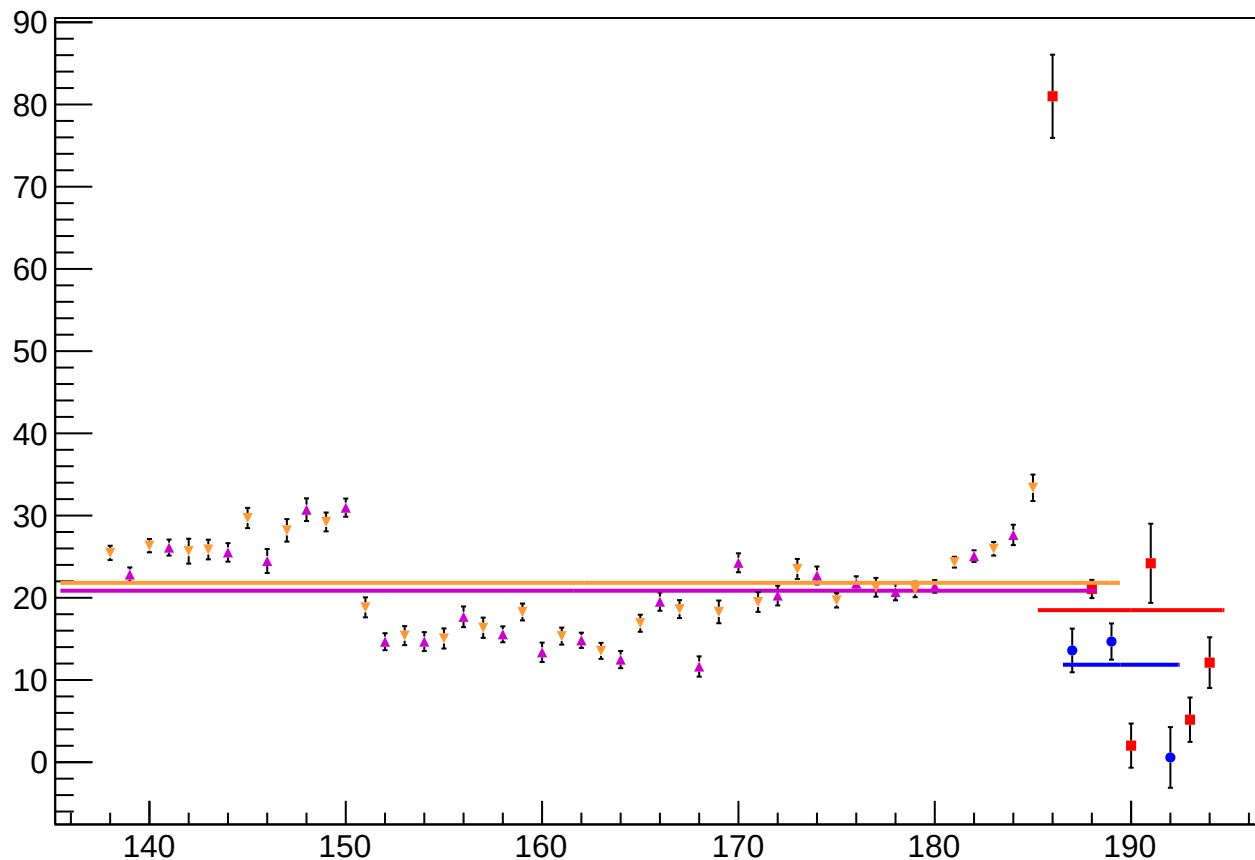
Left In: -0.320 ± 0.008 $\chi^2/\text{NDF}: 2325.0/22$

+ sign -0.243 ± 0.007 $\chi^2/\text{NDF}: 3380.4/44$

All: -0.241 ± 0.005 $\chi^2/\text{NDF}: 7777.8/91$

- sign -0.239 ± 0.007 $\chi^2/\text{NDF}: 4397.2/46$

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 11.857 ± 1.541 $\chi^2/\text{NDF}: 11.4/2$

Left Out: 21.818 ± 0.210 $\chi^2/\text{NDF}: 522.7/24$

Right Out: 18.494 ± 0.884 $\chi^2/\text{NDF}: 225.6/5$

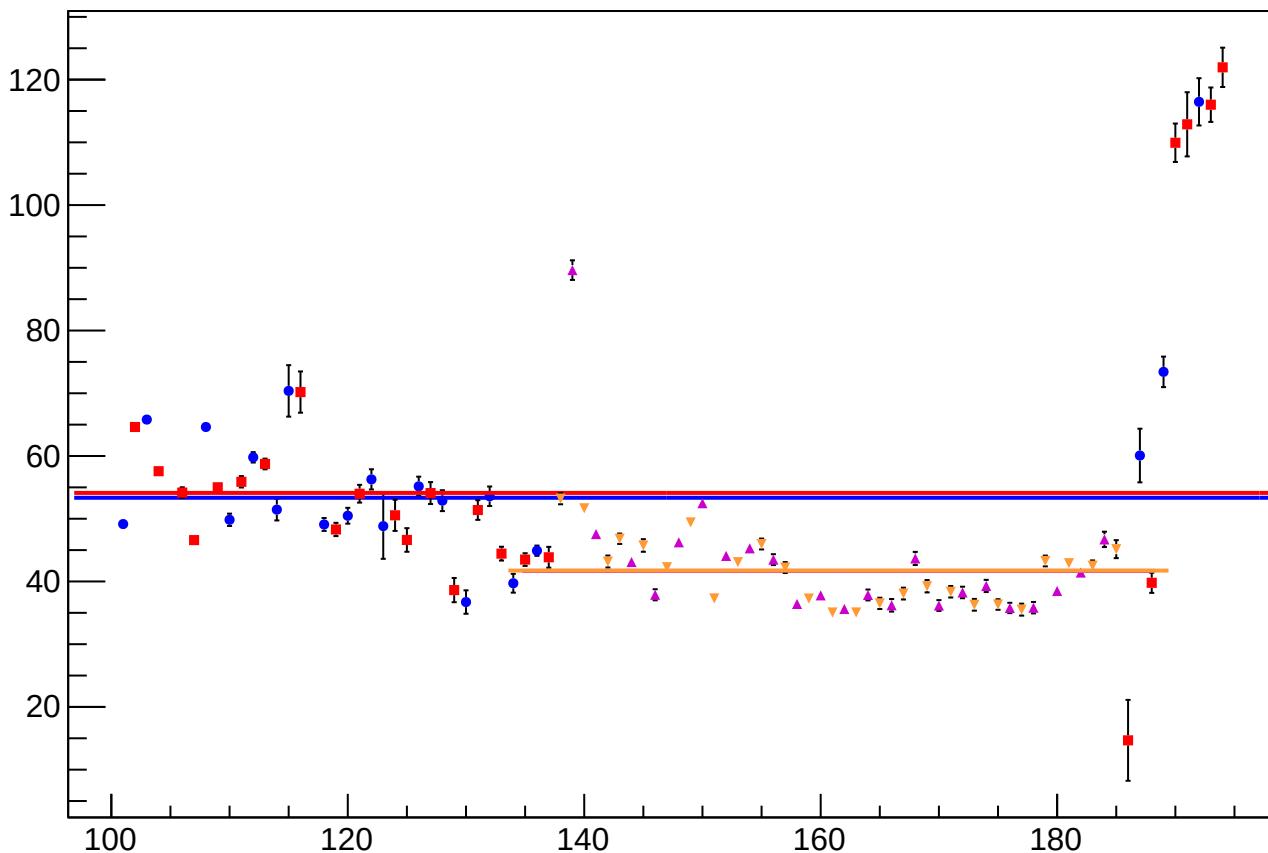
Left In: 20.860 ± 0.216 $\chi^2/\text{NDF}: 575.5/22$

+ sign 21.636 ± 0.208 $\chi^2/\text{NDF}: 575.1/27$

All: 21.184 ± 0.148 $\chi^2/\text{NDF}: 1392.5/56$

- sign 20.728 ± 0.209 $\chi^2/\text{NDF}: 807.9/28$

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 53.344 $\pm$ 0.209 χ^2 /NDF: 1551.9/19

Left Out: 41.732 $\pm$ 0.166 χ^2 /NDF:1014.0/24

Right Out: 54.117 $\pm$ 0.223 χ^2 /NDF: 2428.7/23

Left In: 41.682 $\pm$ 0.173 χ^2 /NDF:1715.9/22

+ sign 46.224 $\pm$ 0.130 χ^2 /NDF: 4461.9/44

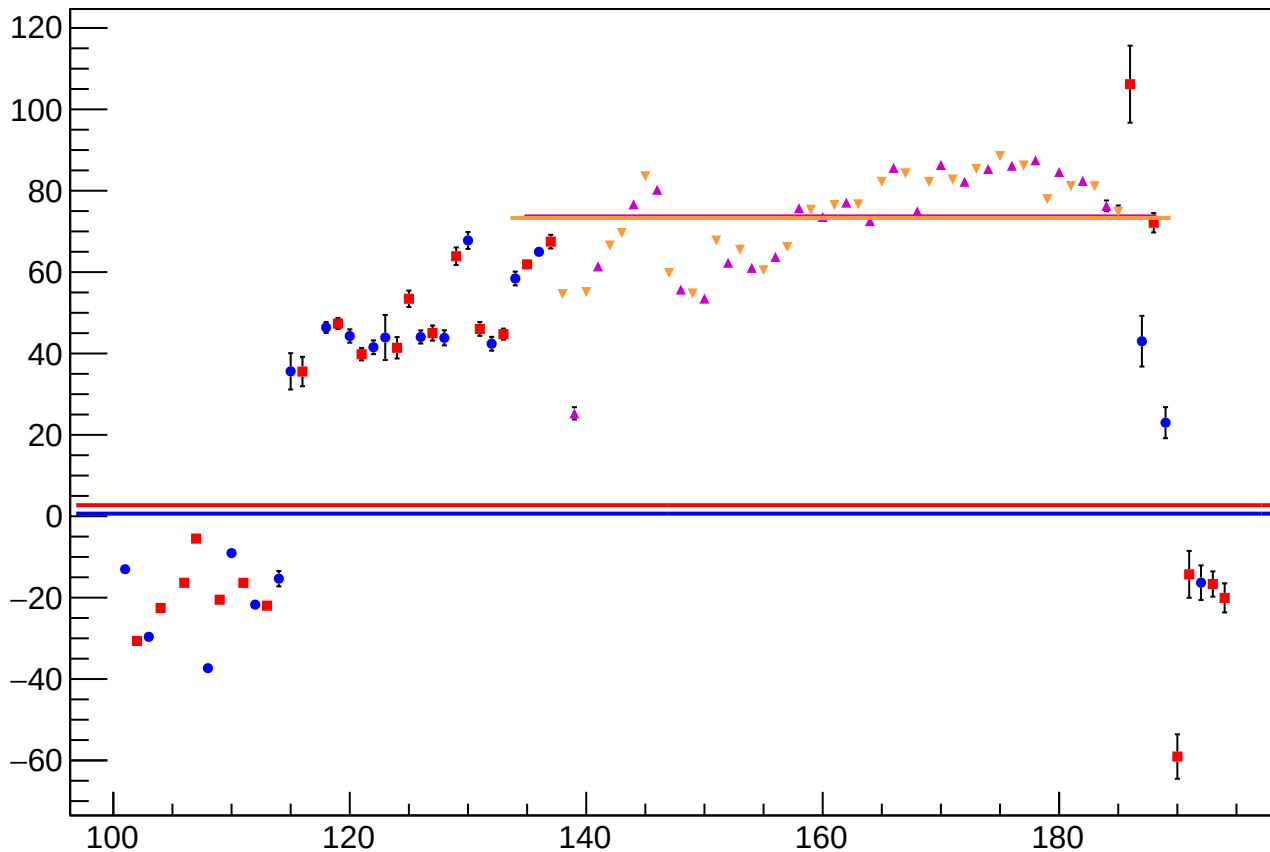
All: 46.292 $\pm$ 0.094 χ^2 /NDF: 10544.3/91

- sign 46.367 $\pm$ 0.137 χ^2 /NDF: 6081.9/46

reg_asym_sam6_diff_bpm4eX_slope vs Slug



reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.644 ± 0.246 χ^2/NDF : 18520.5/19

Left Out: 73.294 ± 0.187 χ^2/NDF : 3148.2/24

Right Out: 2.725 ± 0.264 χ^2/NDF : 16567.4/23

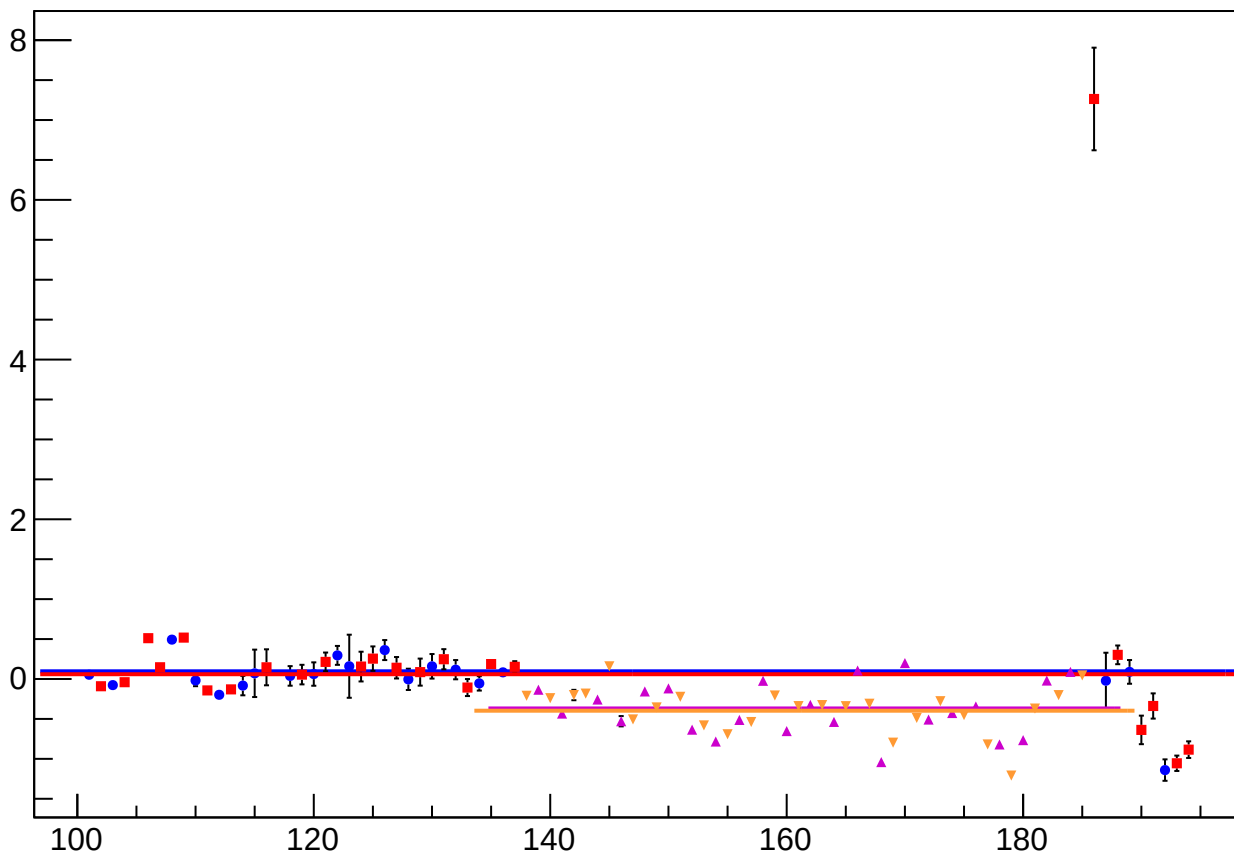
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ sign 46.569 ± 0.149 χ^2/NDF : 76986.9/44

All: 47.621 ± 0.108 χ^2/NDF : 144624.8/91

- sign 48.778 ± 0.156 χ^2/NDF : 67533.1/46

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.096 ± 0.011 χ^2/NDF : 486.4/19

Left Out: -0.397 ± 0.009 χ^2/NDF : 943.5/24

Right Out: 0.060 ± 0.011 χ^2/NDF : 761.7/23

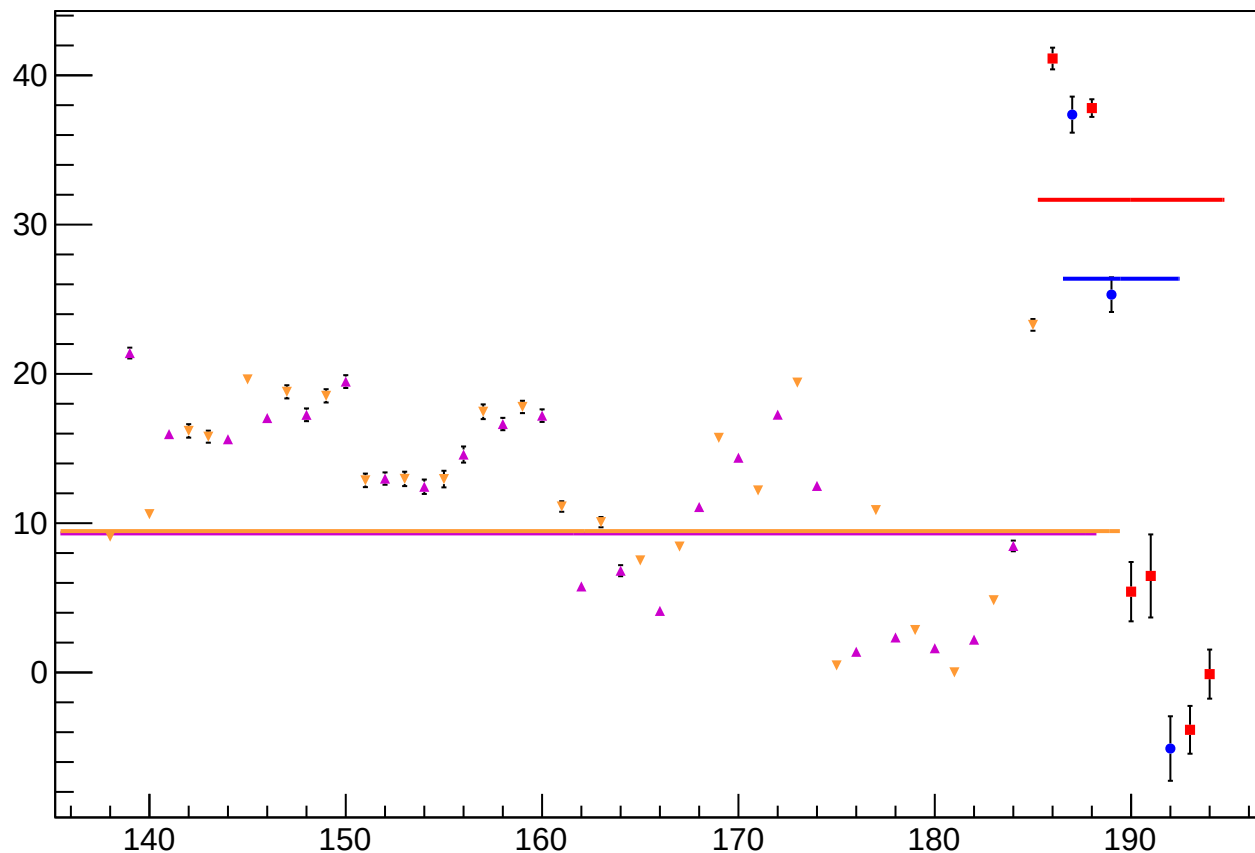
Left In: -0.369 ± 0.009 χ^2/NDF : 1322.7/22

+ sign -0.210 ± 0.007 χ^2/NDF : 2688.5/44

All: -0.206 ± 0.005 χ^2/NDF : 5726.5/91

- sign -0.202 ± 0.007 χ^2/NDF : 3037.4/46

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 26.375+/-0.780 χ^2/NDF : 295.7/2

Left Out: 9.470+/-0.061 χ^2/NDF : 12578.0/24

Right Out: 31.662+/-0.412 χ^2/NDF : 1399.6/5

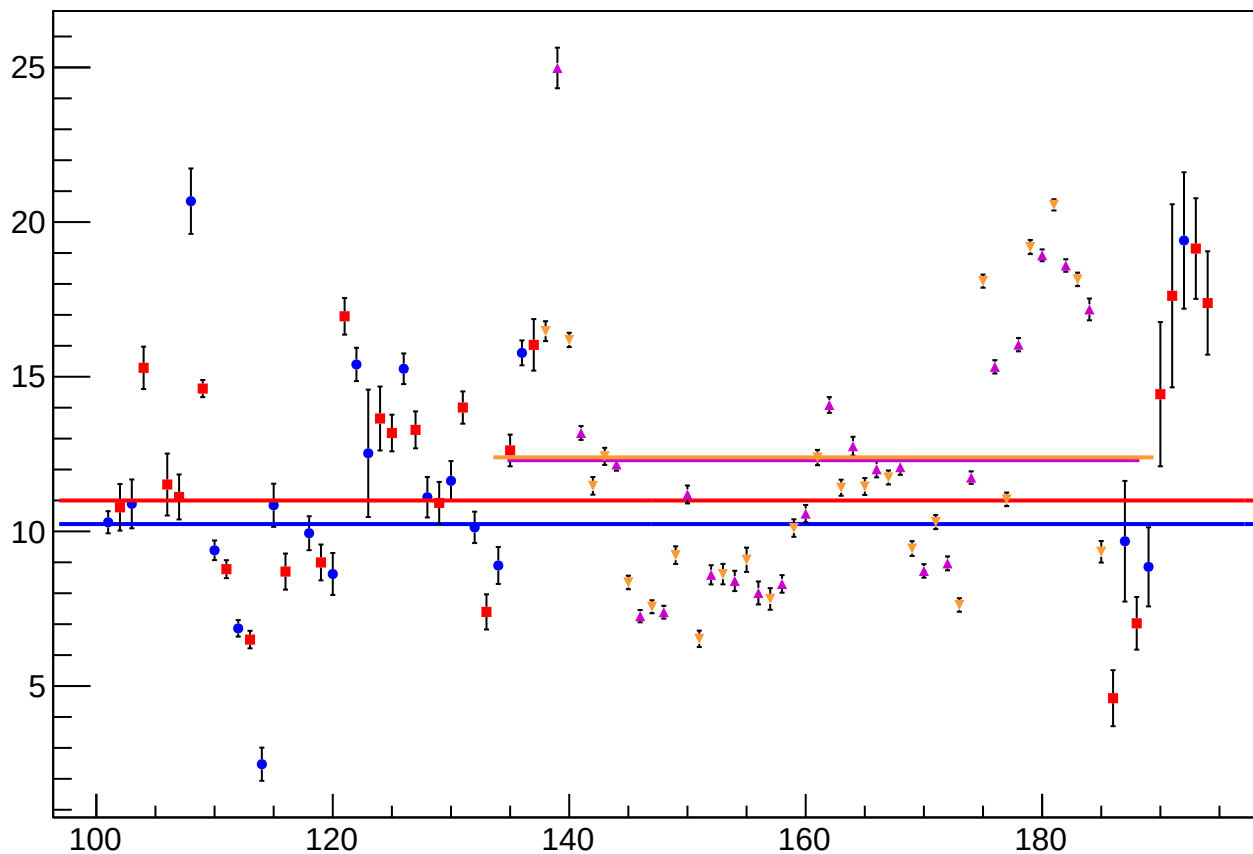
Left In: 9.315+/-0.063 χ^2/NDF : 11007.3/22

+ sign 9.573+/-0.061 χ^2/NDF : 13340.0/27

All: 9.696+/-0.044 χ^2/NDF : 28634.4/56

- sign 9.822+/-0.062 χ^2/NDF : 15286.3/28

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.237 ± 0.118 χ^2/NDF : 896.1/19

Left Out: 12.393 ± 0.050 χ^2/NDF : 7525.9/24

Right Out: 10.999 ± 0.114 χ^2/NDF : 922.0/23

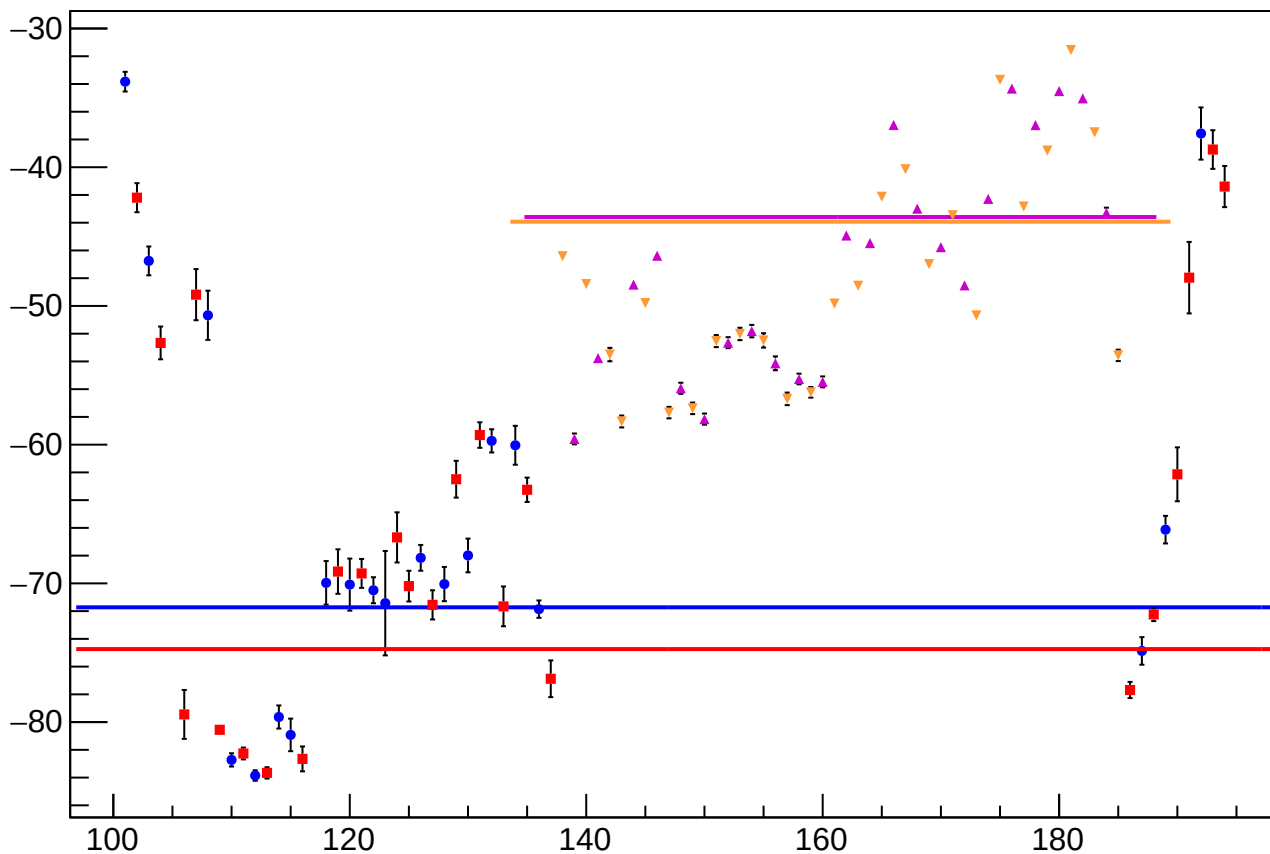
Left In: 12.302 ± 0.051 χ^2/NDF : 5661.3/22

+ sign 12.067 ± 0.046 χ^2/NDF : 8705.4/44

All: 12.075 ± 0.033 χ^2/NDF : 15398.1/91

- sign 12.083 ± 0.047 χ^2/NDF : 6692.6/46

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -71.726 ± 0.189 $\chi^2/\text{NDF}: 5944.1/19$

Left Out: -43.930 ± 0.062 $\chi^2/\text{NDF}: 17576.0/24$

Right Out: -74.737 ± 0.160 $\chi^2/\text{NDF}: 4661.7/23$

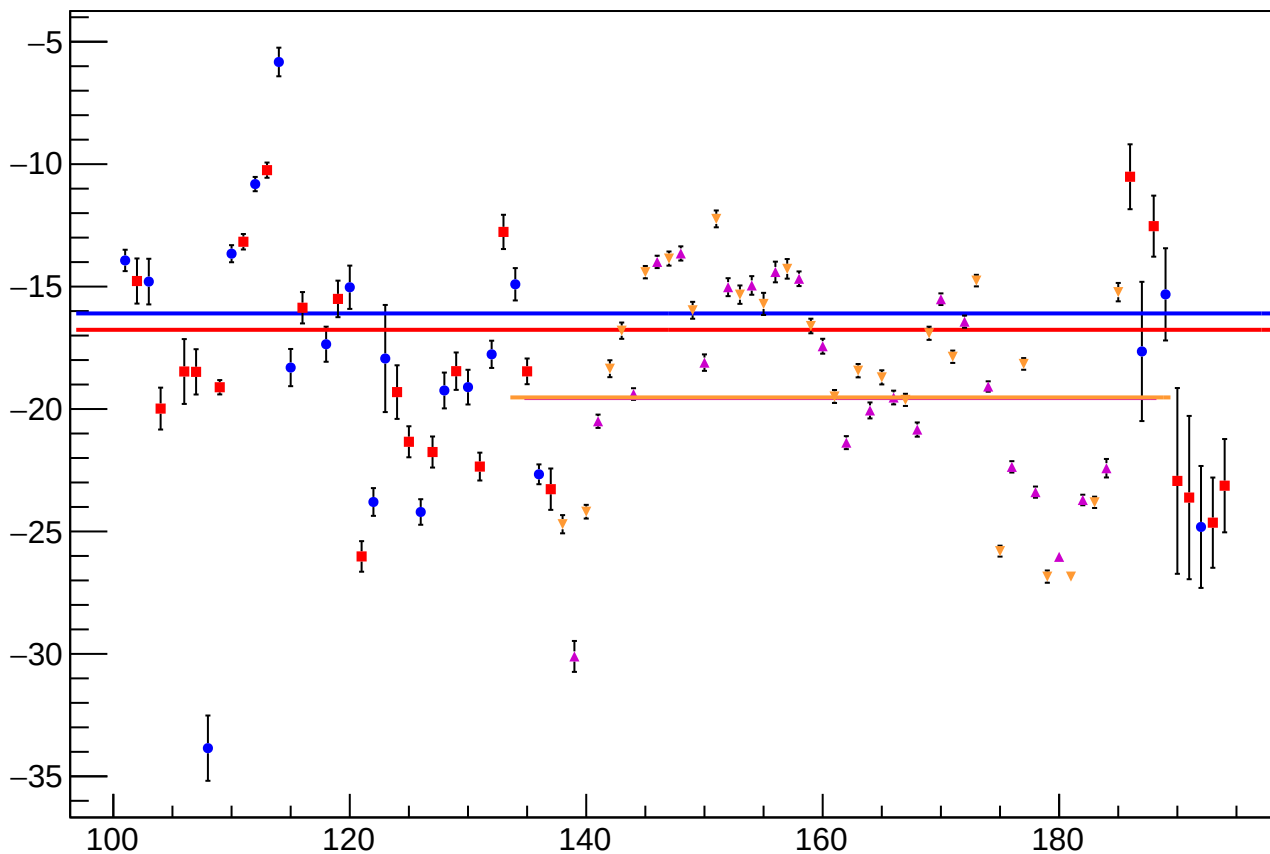
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.624 ± 0.059 $\chi^2/\text{NDF}: 42986.3/44$

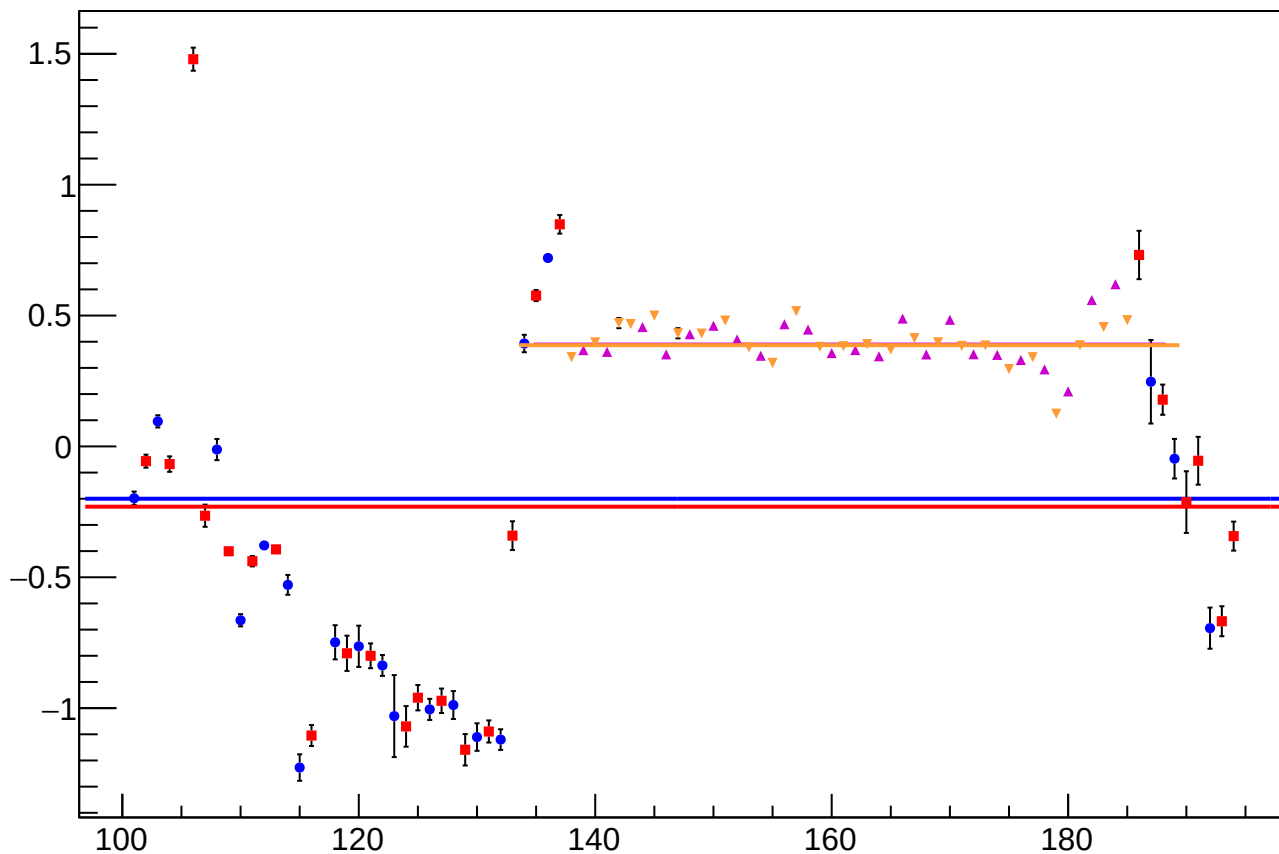
All: -47.208 ± 0.042 $\chi^2/\text{NDF}: 96275.3/91$

- sign -47.788 ± 0.059 $\chi^2/\text{NDF}: 53093.2/46$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.200 ± 0.007 χ^2/NDF : 6390.4/19

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.230 ± 0.007 χ^2/NDF : 6431.9/23

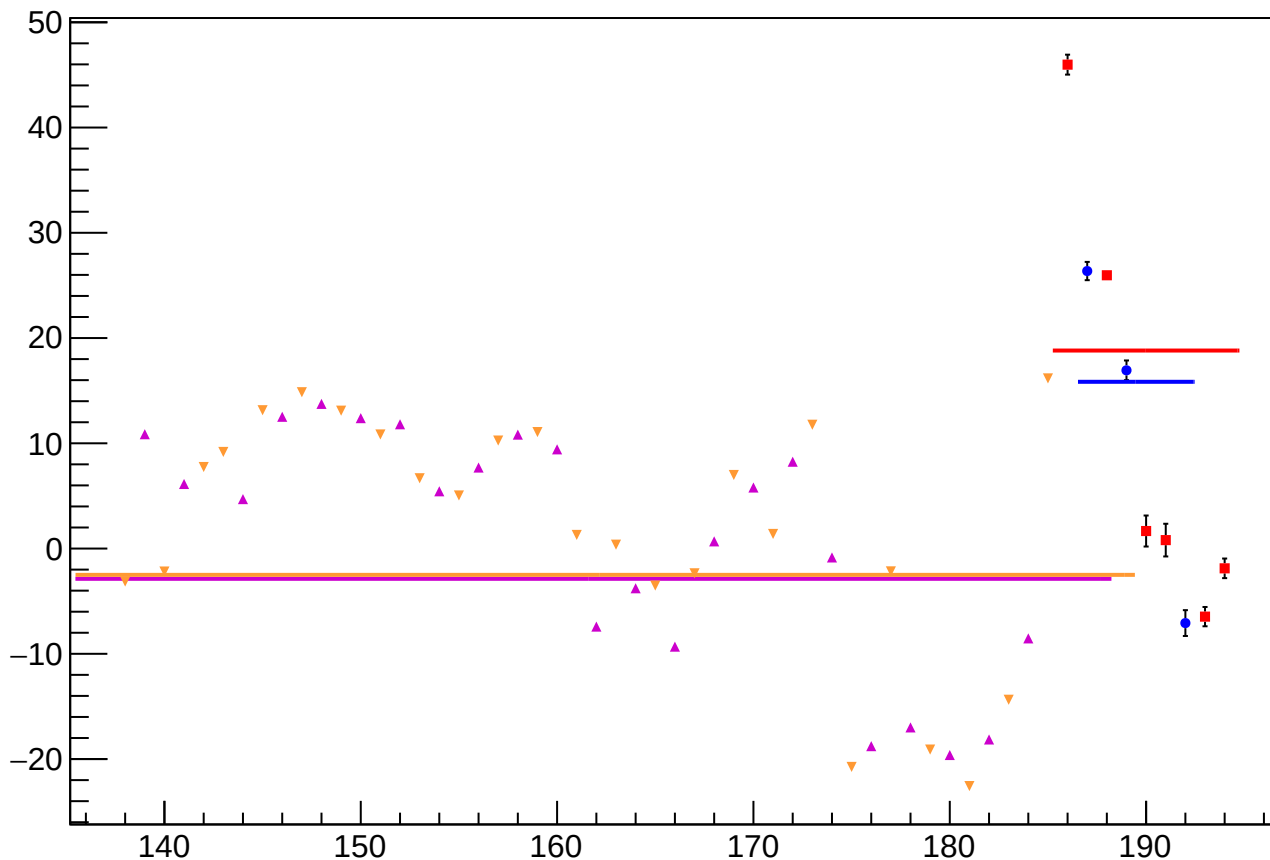
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.325 ± 0.002 χ^2/NDF : 12915.9/44

All: 0.319 ± 0.002 χ^2/NDF : 27547.0/91

- sign 0.313 ± 0.002 χ^2/NDF : 14619.3/46

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 15.843 ± 0.565 $\chi^2/\text{NDF}: 497.2/2$

Left Out: -2.499 ± 0.053 $\chi^2/\text{NDF}: 55930.9/24$

Right Out: 18.813 ± 0.319 $\chi^2/\text{NDF}: 2626.6/5$

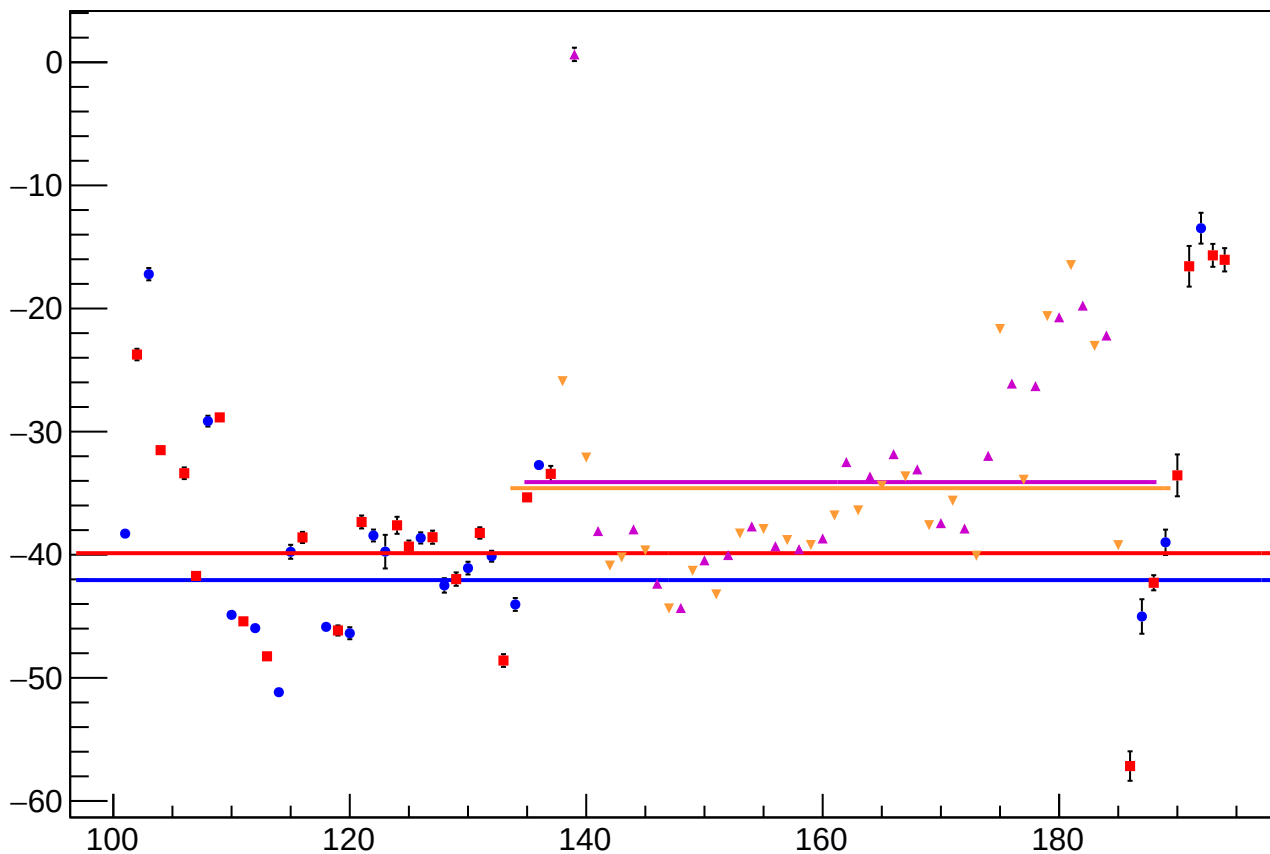
Left In: -2.876 ± 0.055 $\chi^2/\text{NDF}: 46380.9/22$

+ sign -2.339 ± 0.053 $\chi^2/\text{NDF}: 57473.1/27$

All: -2.300 ± 0.038 $\chi^2/\text{NDF}: 110961.1/56$

- sign -2.260 ± 0.054 $\chi^2/\text{NDF}: 53486.9/28$

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.060 ± 0.077 χ^2/NDF : 7110.1/19

Left Out: -34.594 ± 0.042 χ^2/NDF : 34404.6/24

Right Out: -39.873 ± 0.072 χ^2/NDF : 12643.2/23

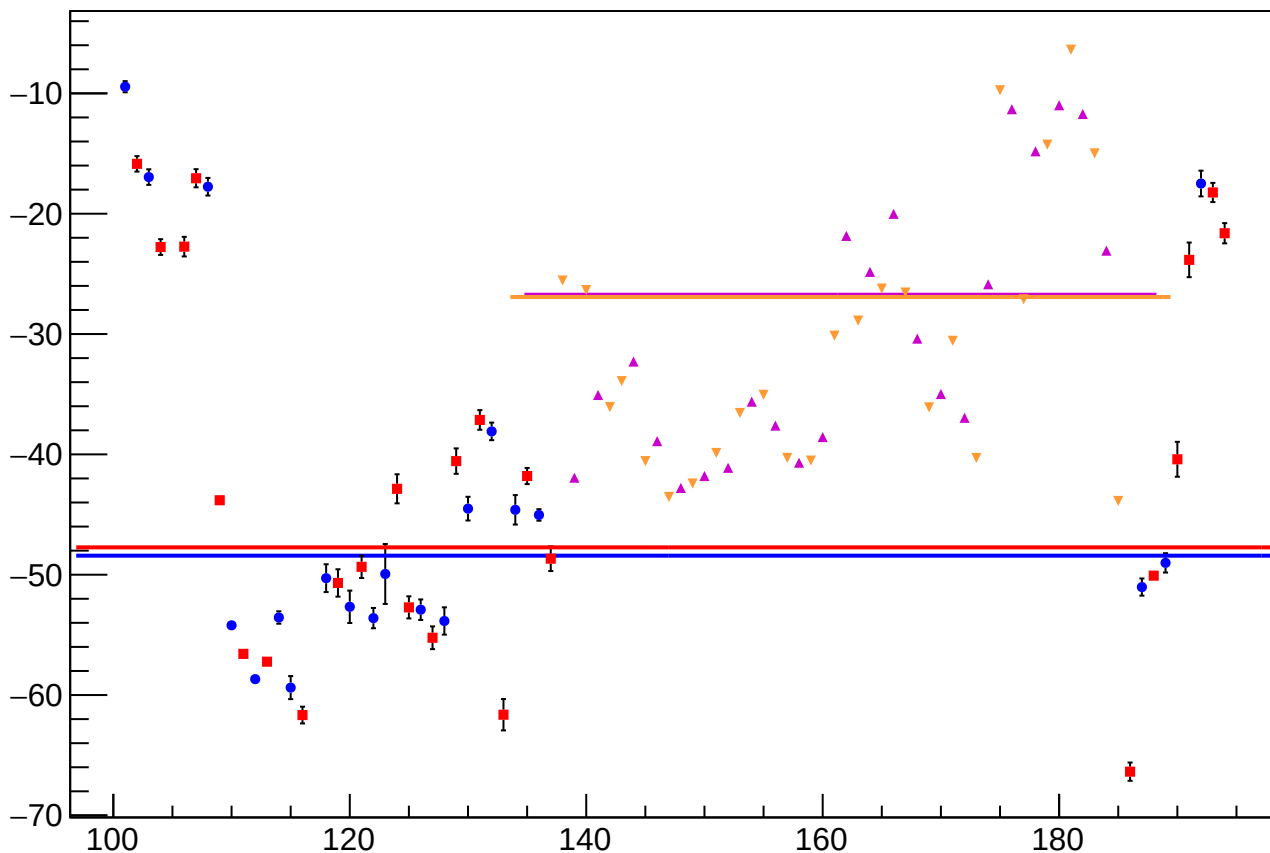
Left In: -34.099 ± 0.044 χ^2/NDF : 29370.6/22

+ sign -36.294 ± 0.037 χ^2/NDF : 48723.7/44

All: -35.987 ± 0.026 χ^2/NDF : 95600.1/91

- sign -35.672 ± 0.037 χ^2/NDF : 46736.1/46

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.417 ± 0.120 χ^2/NDF : 15517.2/19

Left Out: -26.920 ± 0.053 χ^2/NDF : 49198.9/24

Right Out: -47.726 ± 0.100 χ^2/NDF : 14401.6/23

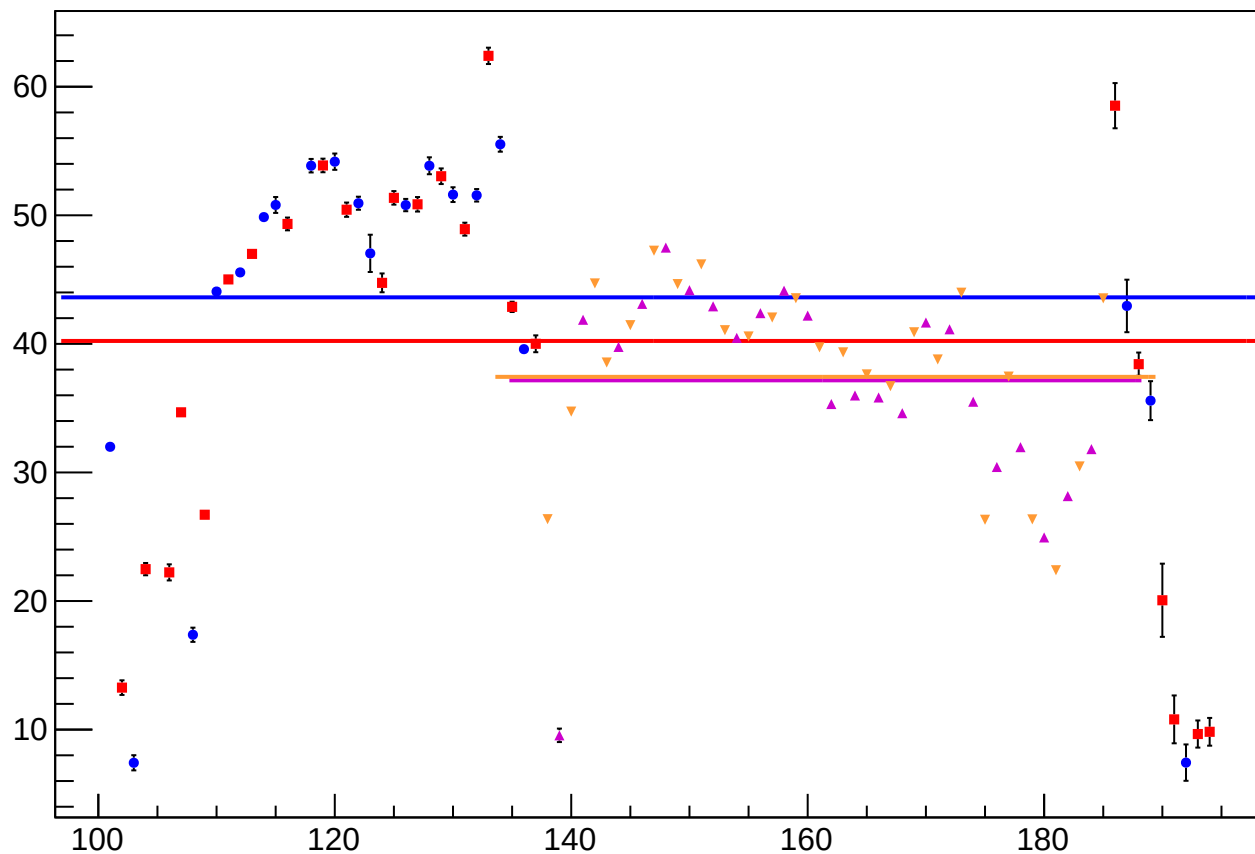
Left In: -26.733 ± 0.055 χ^2/NDF : 42643.0/22

+ sign -30.446 ± 0.049 χ^2/NDF : 91366.4/44

All: -31.031 ± 0.034 χ^2/NDF : 182788.4/91

- sign -31.597 ± 0.048 χ^2/NDF : 91139.1/46

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.619 $\pm$ 0.086 χ^2 /NDF: 11325.3/19

Left Out: 37.435 $\pm$ 0.047 χ^2 /NDF:21517.4/24

Right Out: 40.227 $\pm$ 0.079 χ^2 /NDF: 19026.8/23

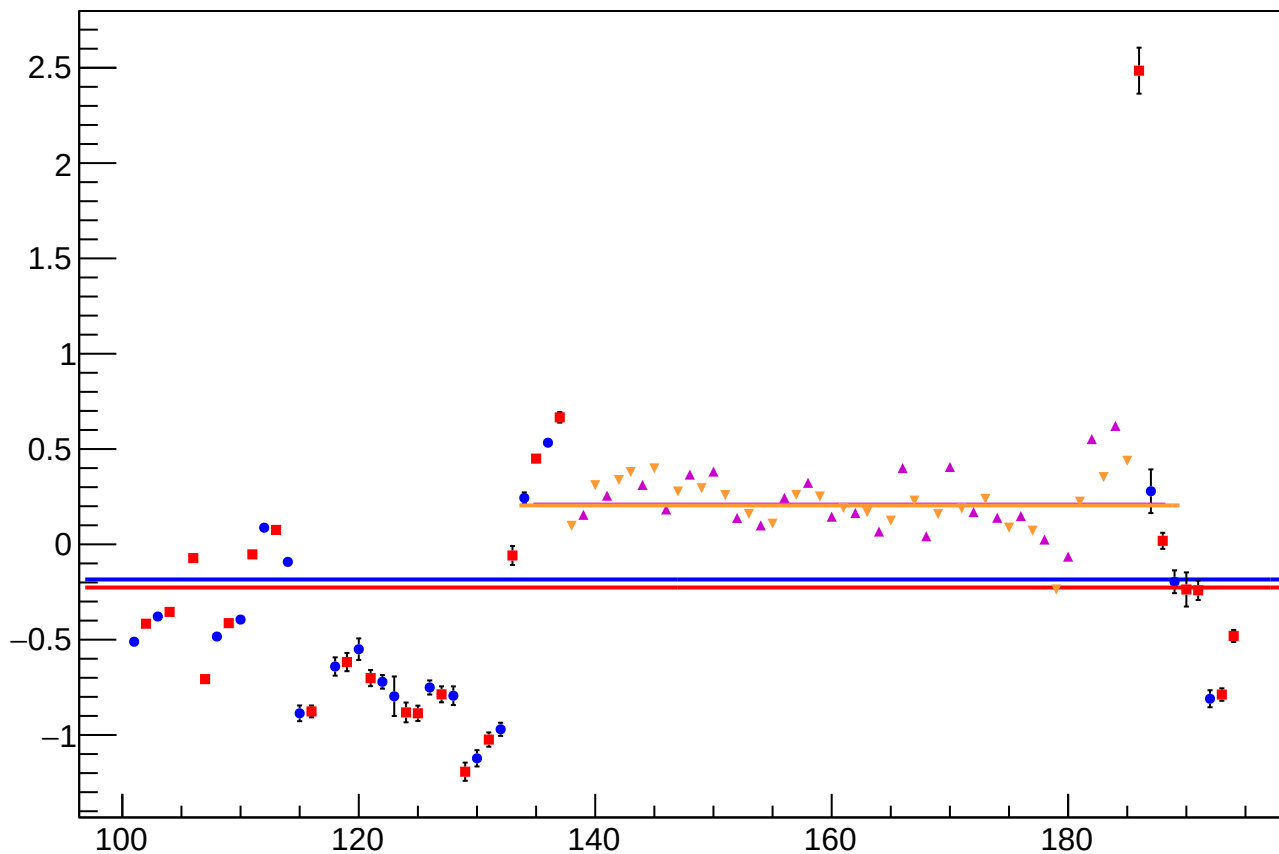
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.866 $\pm$ 0.041 χ^2 /NDF: 36793.7/44

All: 38.443 $\pm$ 0.029 χ^2 /NDF: 74535.8/91

- sign 38.013 $\pm$ 0.042 χ^2 /NDF: 37532.2/46

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.184 ± 0.005 χ^2/NDF : 7590.9/19

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.226 ± 0.004 χ^2/NDF : 8363.5/23

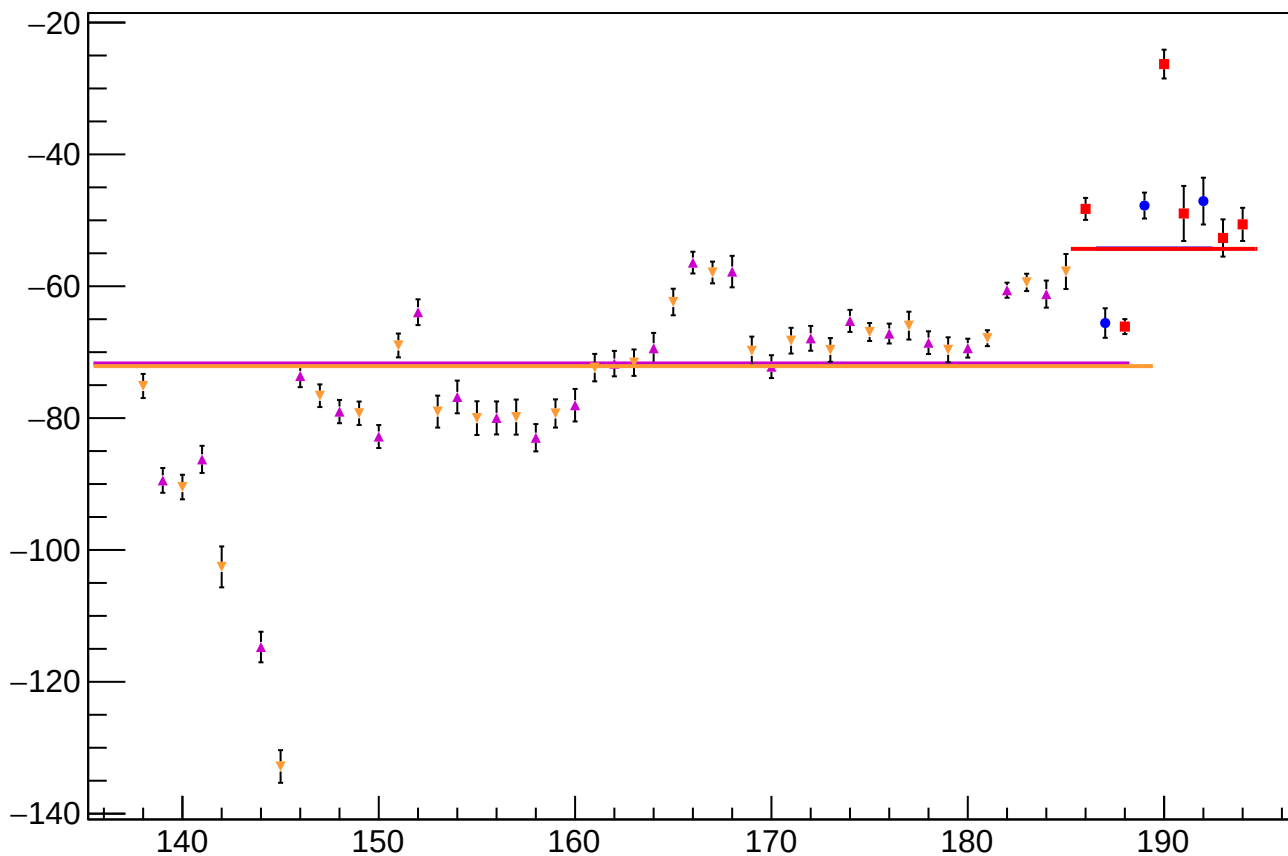
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.138 ± 0.002 χ^2/NDF : 16843.9/44

All: 0.125 ± 0.001 χ^2/NDF : 38745.1/91

- sign 0.112 ± 0.002 χ^2/NDF : 21818.3/46

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -54.276 ± 1.364 χ^2/NDF : 40.5/2

Left Out: -72.115 ± 0.383 χ^2/NDF : 1125.2/23

Right Out: -54.331 ± 0.770 χ^2/NDF : 289.8/5

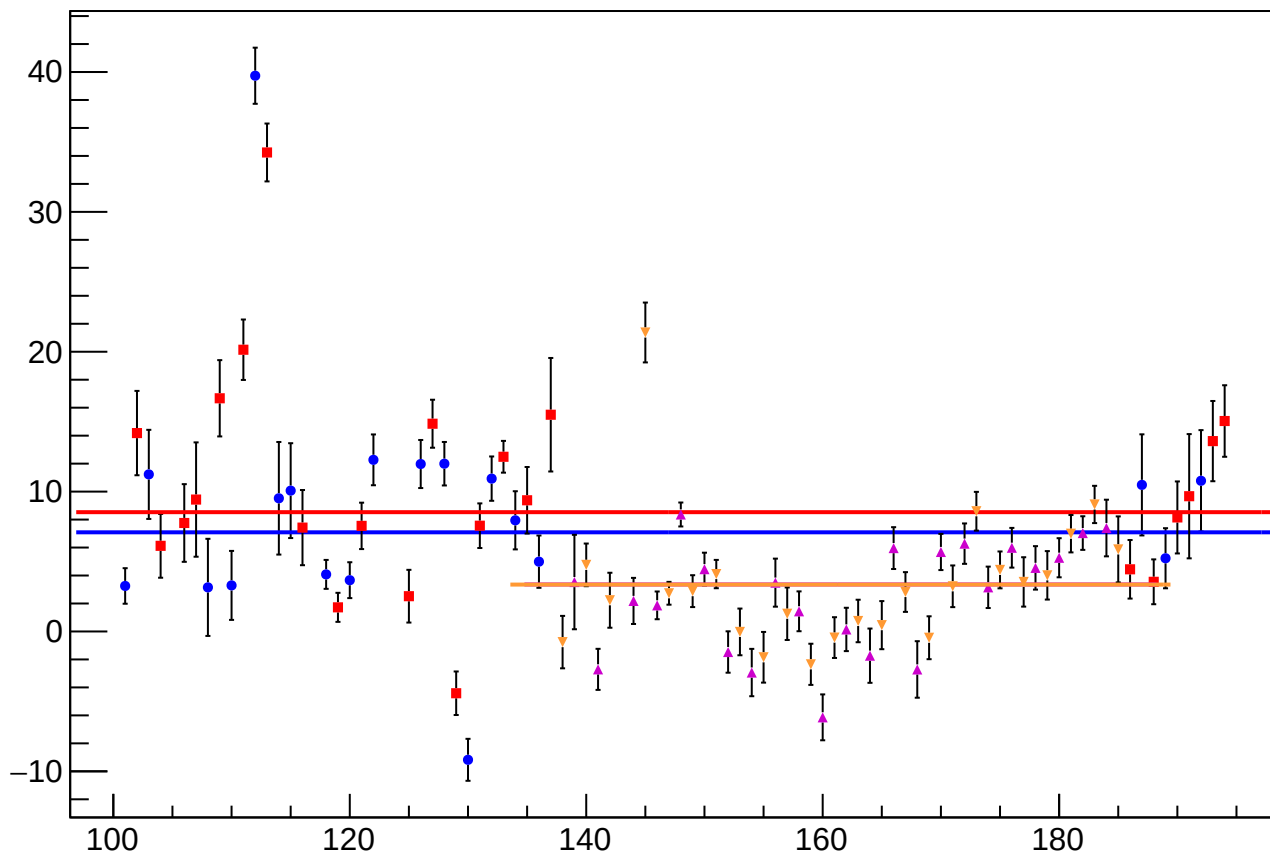
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -70.813 ± 0.369 χ^2/NDF : 1324.2/26

All: -69.461 ± 0.250 χ^2/NDF : 2933.2/55

- sign -68.304 ± 0.341 χ^2/NDF : 1584.1/28

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.089 ± 0.419 χ^2/NDF : 449.5/18

Left Out: 3.353 ± 0.295 χ^2/NDF : 167.8/23

Right Out: 8.529 ± 0.407 χ^2/NDF : 372.3/22

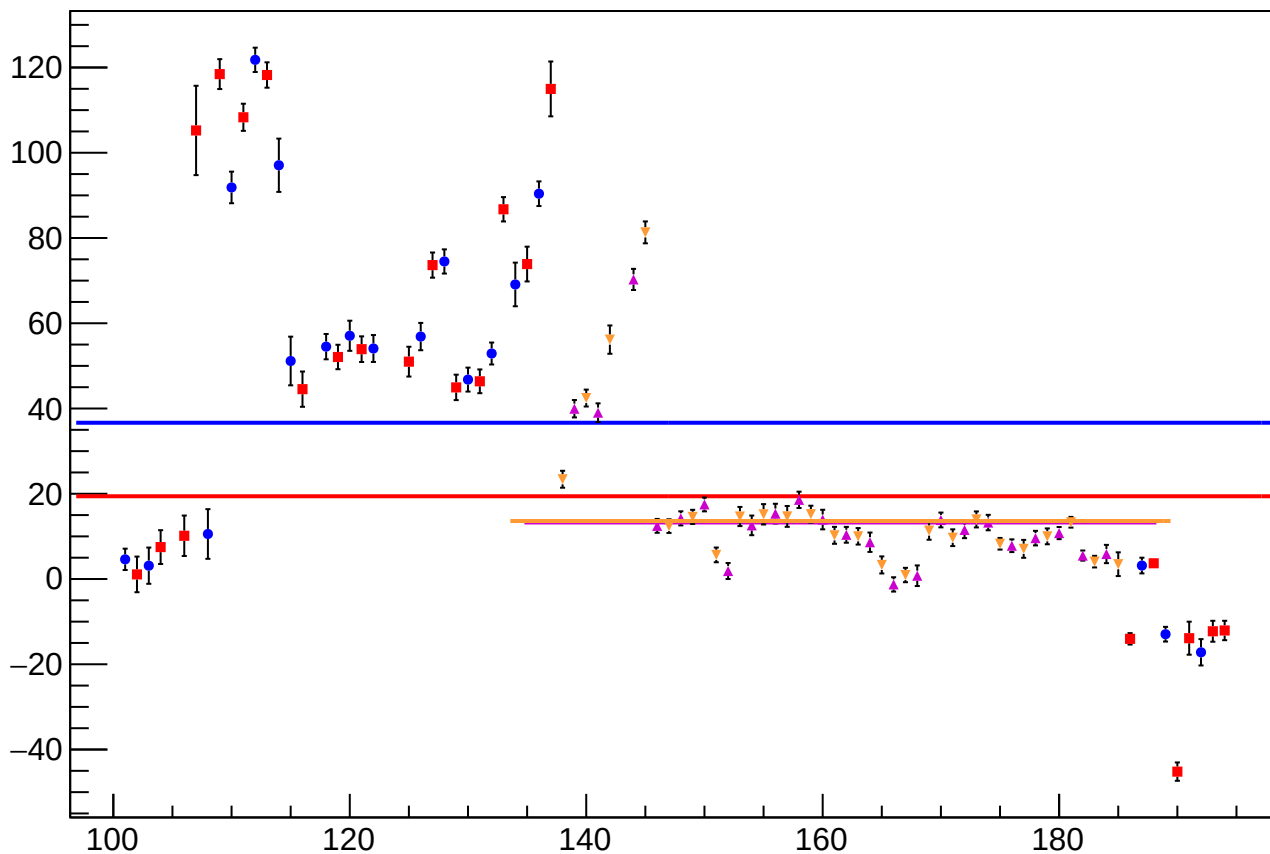
Left In: 3.360 ± 0.298 χ^2/NDF : 164.5/22

+ sign 4.588 ± 0.241 χ^2/NDF : 670.5/42

All: 4.875 ± 0.170 χ^2/NDF : 1315.3/88

- sign 5.161 ± 0.240 χ^2/NDF : 642.0/45

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 36.660 ± 0.677 χ^2/NDF : 3674.8/18

Left Out: 13.610 ± 0.382 χ^2/NDF : 1303.3/23

Right Out: 19.415 ± 0.514 χ^2/NDF : 6868.8/22

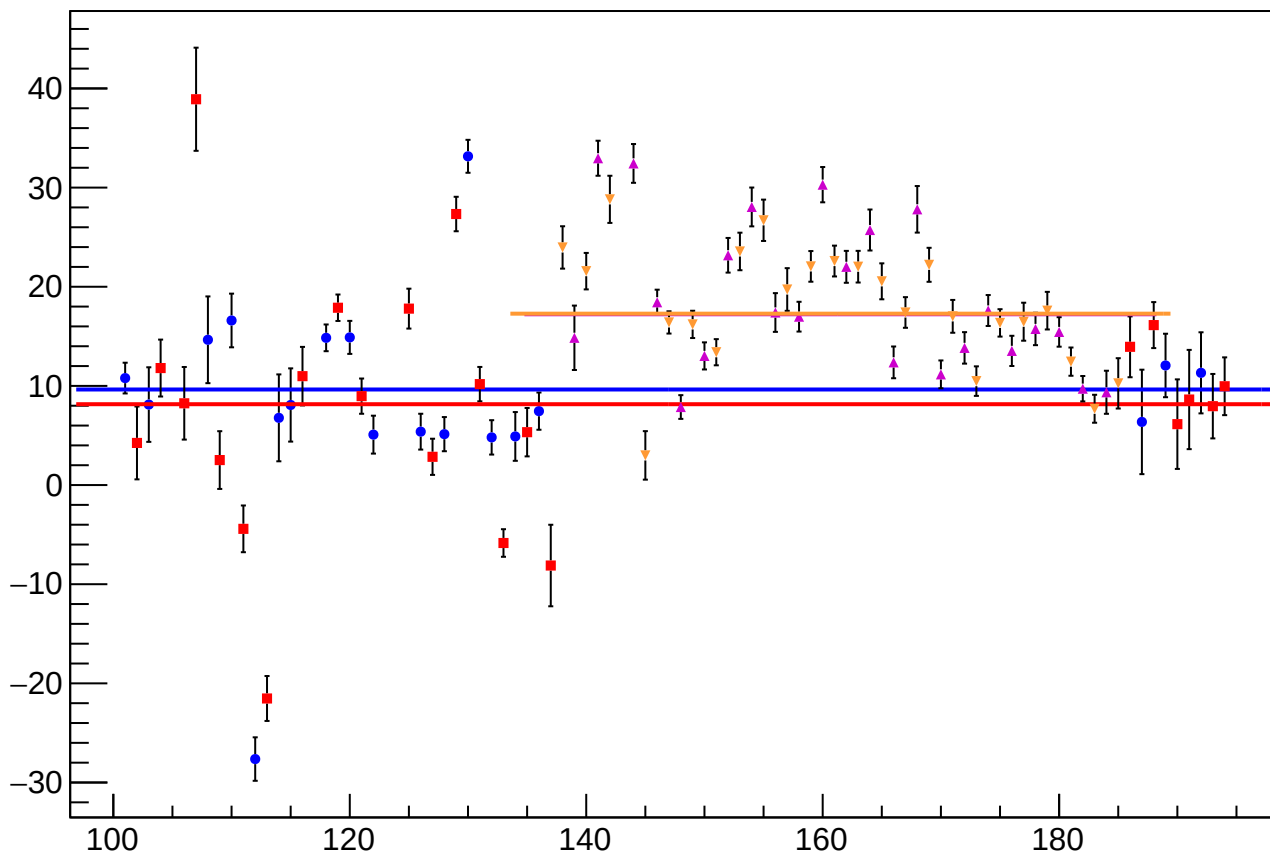
Left In: 13.262 ± 0.379 χ^2/NDF : 1077.0/22

+ sign 19.171 ± 0.333 χ^2/NDF : 5857.9/42

All: 17.136 ± 0.225 χ^2/NDF : 13965.6/88

- sign 15.426 ± 0.305 χ^2/NDF : 8038.7/45

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.638 ± 0.489 $\chi^2/\text{NDF}: 555.6/18$

Left Out: 17.285 ± 0.337 $\chi^2/\text{NDF}: 244.0/23$

Right Out: 8.154 ± 0.480 $\chi^2/\text{NDF}: 584.5/22$

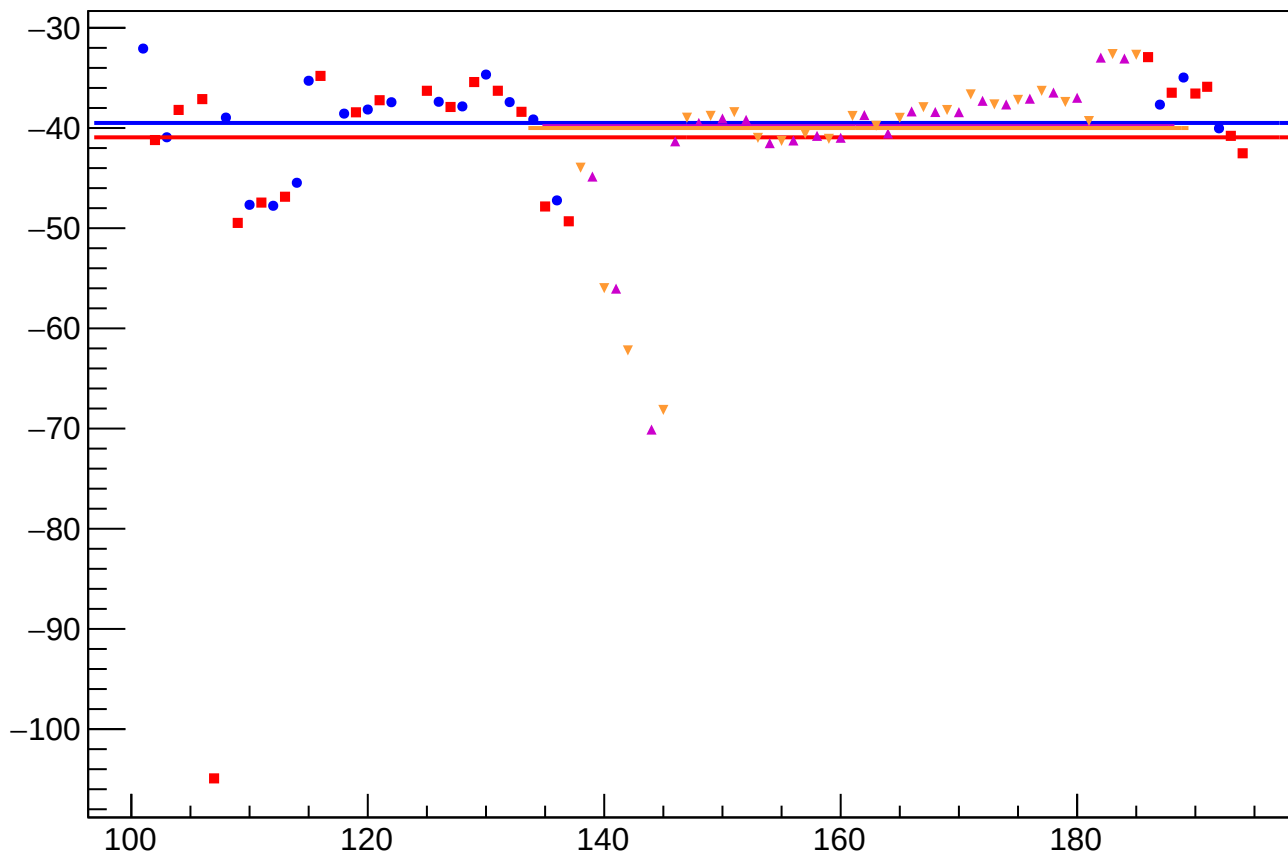
Left In: 17.224 ± 0.339 $\chi^2/\text{NDF}: 442.2/22$

+ sign 14.825 ± 0.278 $\chi^2/\text{NDF}: 965.2/42$

All: 14.517 ± 0.196 $\chi^2/\text{NDF}: 2232.9/88$

- sign 14.211 ± 0.277 $\chi^2/\text{NDF}: 1265.2/45$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.494 ± 0.029 χ^2/NDF : 27677.7/18

Left Out: -40.002 ± 0.016 χ^2/NDF : 172150.1/23

Right Out: -40.929 ± 0.026 χ^2/NDF : 99657.2/22

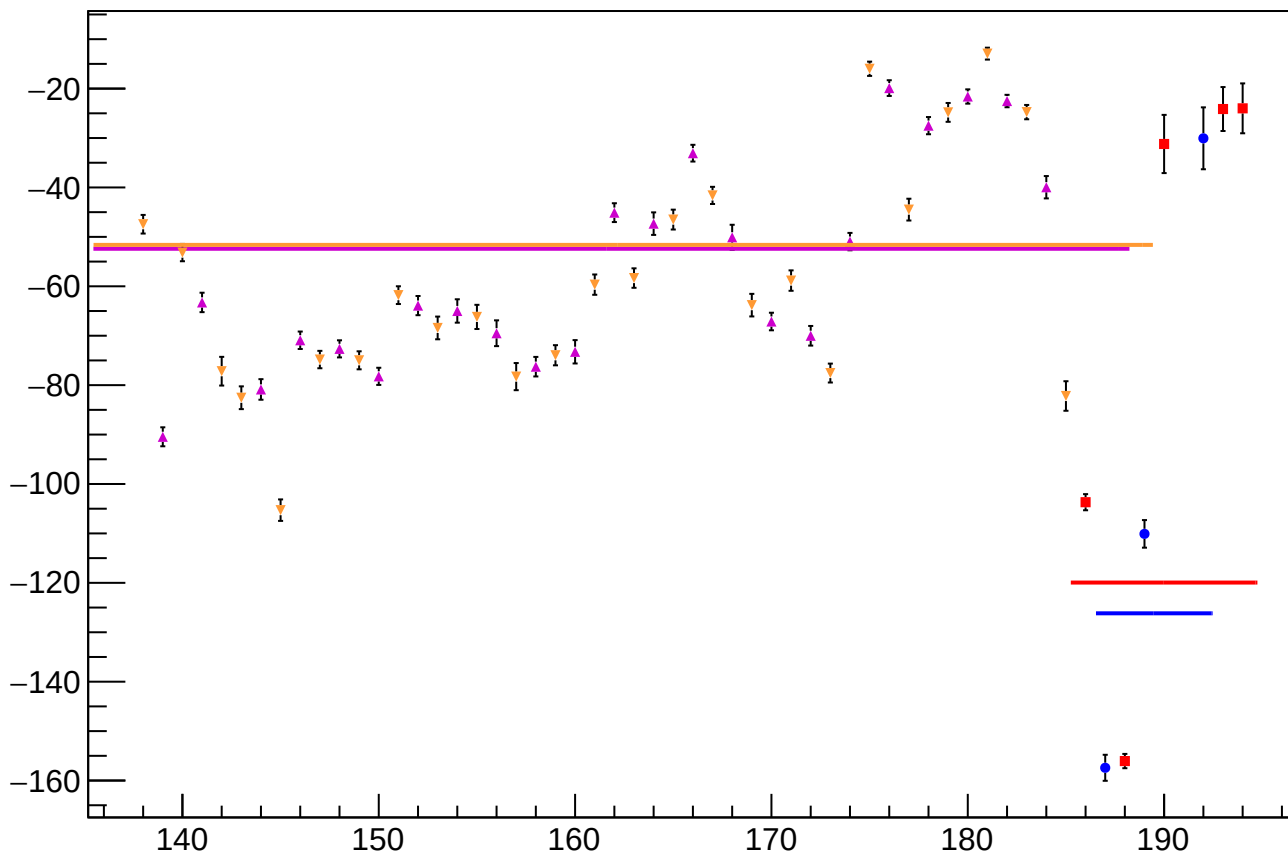
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -39.887 ± 0.014 χ^2/NDF : 200062.6/42

All: -40.001 ± 0.010 χ^2/NDF : 446991.8/88

- sign -40.107 ± 0.013 χ^2/NDF : 246798.9/45

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -126.166 ± 1.831 $\chi^2/\text{NDF}: 409.7/2$

Left Out: -51.622 ± 0.383 $\chi^2/\text{NDF}: 4133.0/24$

Right Out: -119.943 ± 1.014 $\chi^2/\text{NDF}: 1776.5/4$

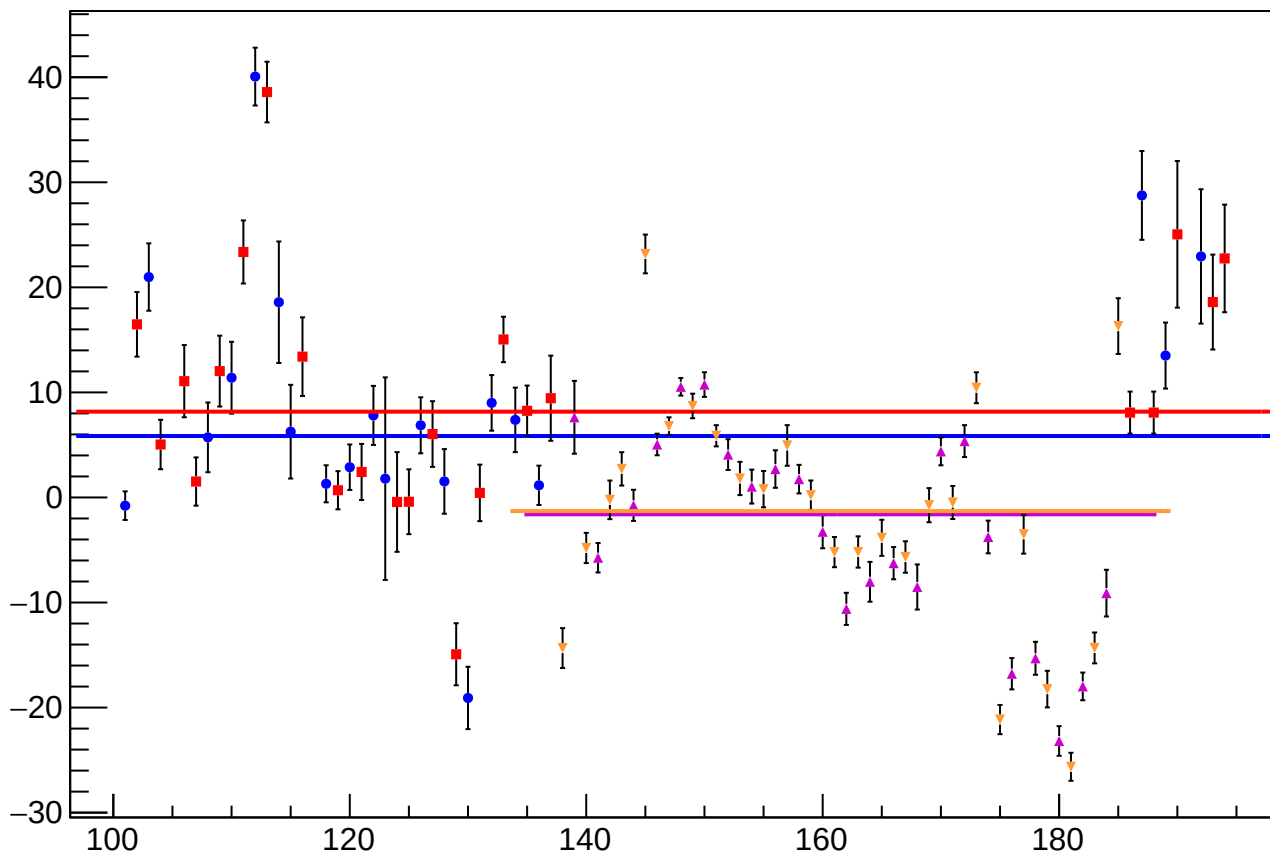
Left In: -52.409 ± 0.387 $\chi^2/\text{NDF}: 3378.7/22$

+ sign -54.753 ± 0.375 $\chi^2/\text{NDF}: 6130.2/27$

All: -57.995 ± 0.260 $\chi^2/\text{NDF}: 15301.4/55$

- sign -61.005 ± 0.362 $\chi^2/\text{NDF}: 9027.3/27$

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 5.848 ± 0.600 $\chi^2/\text{NDF}: 340.2/19$

Left Out: -1.300 ± 0.293 $\chi^2/\text{NDF}: 1315.7/24$

Right Out: 8.168 ± 0.582 $\chi^2/\text{NDF}: 290.1/22$

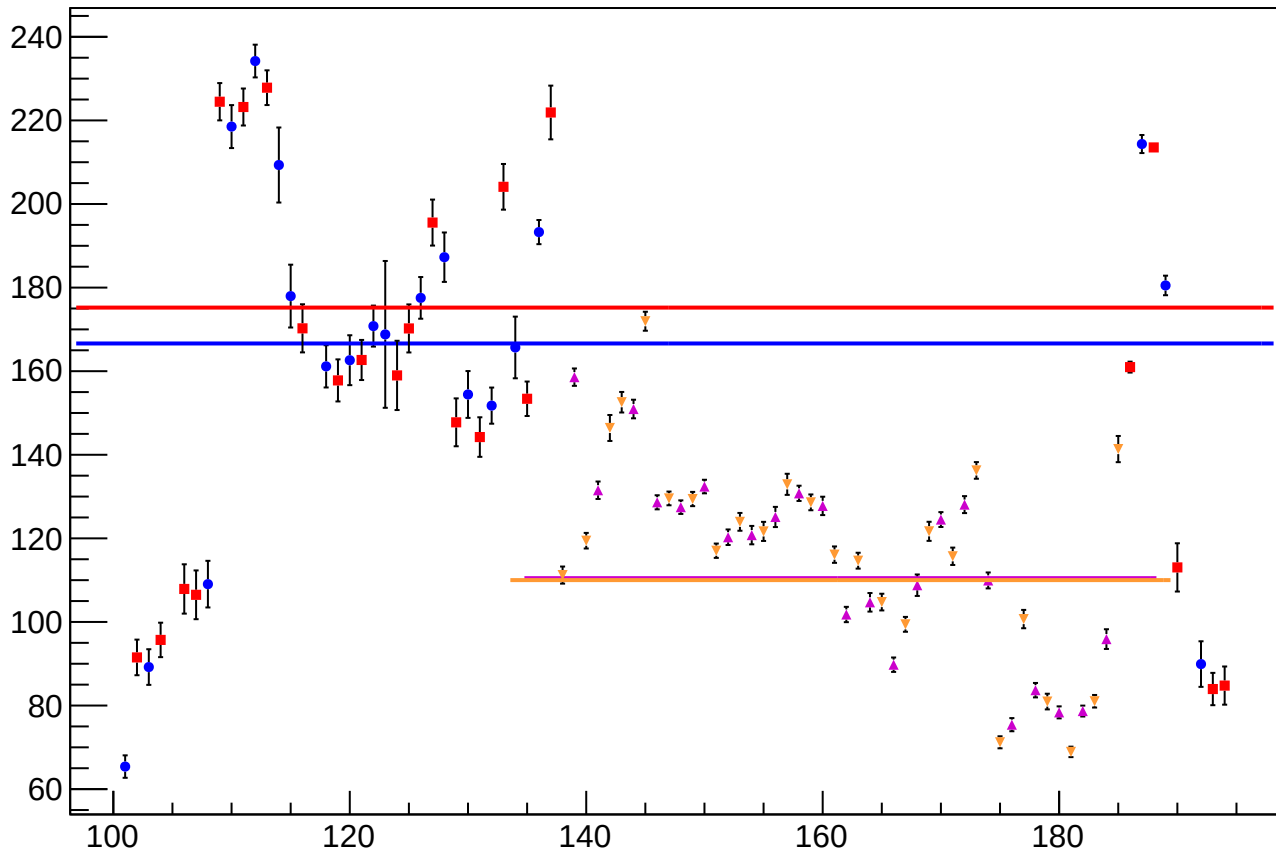
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign 0.071 ± 0.263 $\chi^2/\text{NDF}: 1770.4/44$

All: 0.253 ± 0.187 $\chi^2/\text{NDF}: 3382.0/90$

- sign 0.440 ± 0.266 $\chi^2/\text{NDF}: 1610.6/45$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 166.630 ± 0.915 $\chi^2/\text{NDF}: 3123.2/19$

Left Out: 110.012 ± 0.383 $\chi^2/\text{NDF}: 4537.0/24$

Right Out: 175.216 ± 0.676 $\chi^2/\text{NDF}: 3913.6/22$

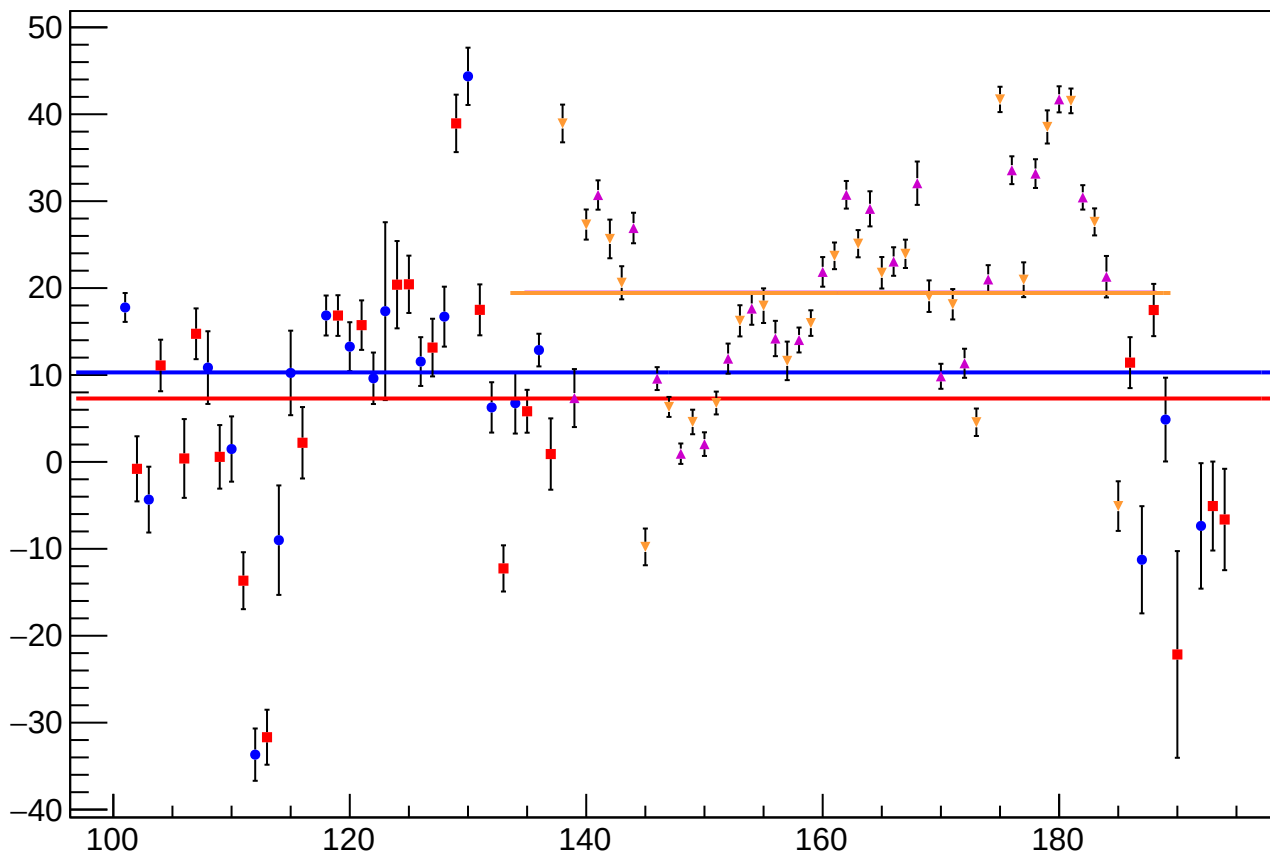
Left In: 110.482 ± 0.385 $\chi^2/\text{NDF}: 3824.9/22$

+ sign 118.439 ± 0.353 $\chi^2/\text{NDF}: 10916.9/44$

All: 122.594 ± 0.243 $\chi^2/\text{NDF}: 25845.3/90$

- sign 126.319 ± 0.334 $\chi^2/\text{NDF}: 14665.8/45$

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.298 $\pm$ 0.698 χ^2/NDF : 408.2/19

Left Out: 19.434 $\pm$ 0.336 χ^2/NDF :1452.3/24

Right Out: 7.294 $\pm$ 0.693 χ^2/NDF : 455.8/22

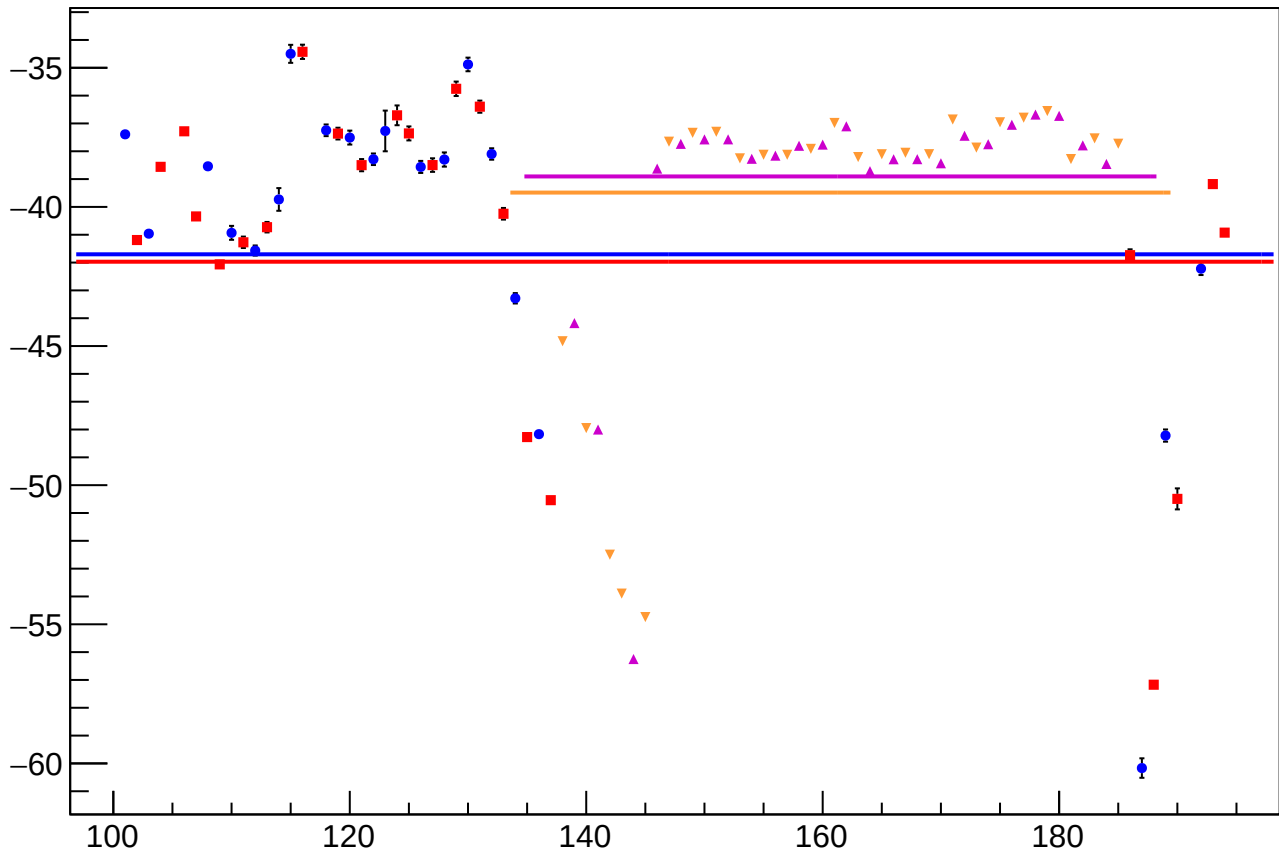
Left In: 19.472 $\pm$ 0.342 χ^2/NDF :1188.2/22

+ sign 17.719 $\pm$ 0.302 χ^2/NDF : 1999.7/44

All: 17.410 $\pm$ 0.215 χ^2/NDF : 3894.1/90

- sign 17.092 $\pm$ 0.306 χ^2/NDF : 1892.3/45

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.703 ± 0.037 $\chi^2/\text{NDF}: 16362.7/19$

Left Out: -39.484 ± 0.016 $\chi^2/\text{NDF}: 88877.3/24$

Right Out: -41.969 ± 0.035 $\chi^2/\text{NDF}: 22296.8/22$

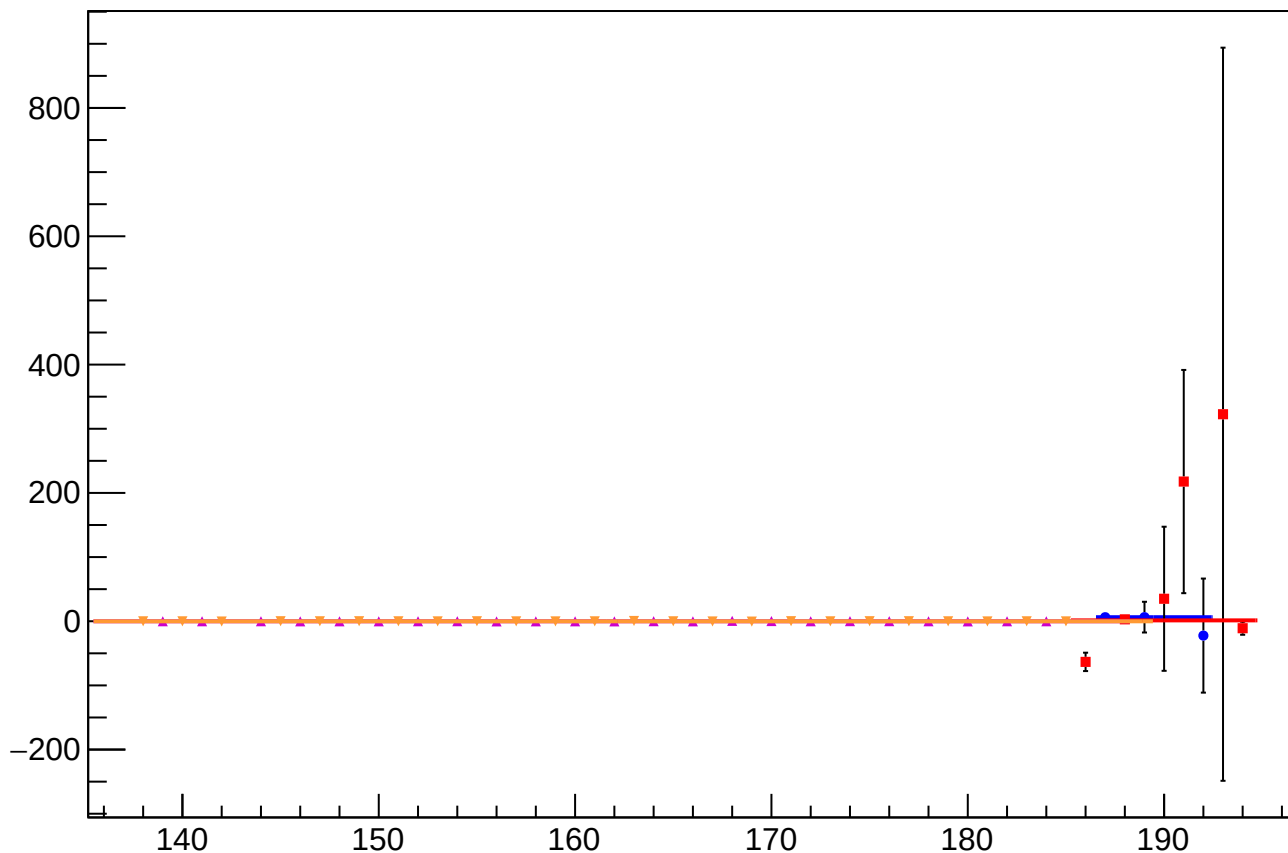
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.822 ± 0.015 $\chi^2/\text{NDF}: 108256.9/44$

All: -39.619 ± 0.010 $\chi^2/\text{NDF}: 191527.6/90$

- sign -39.418 ± 0.014 $\chi^2/\text{NDF}: 82880.1/45$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 6.273 ± 2.982 χ^2/NDF : 0.1/2

Left Out: -0.089 ± 0.022 χ^2/NDF : 40.0/23

Right Out: 1.349 ± 1.910 χ^2/NDF : 24.5/5

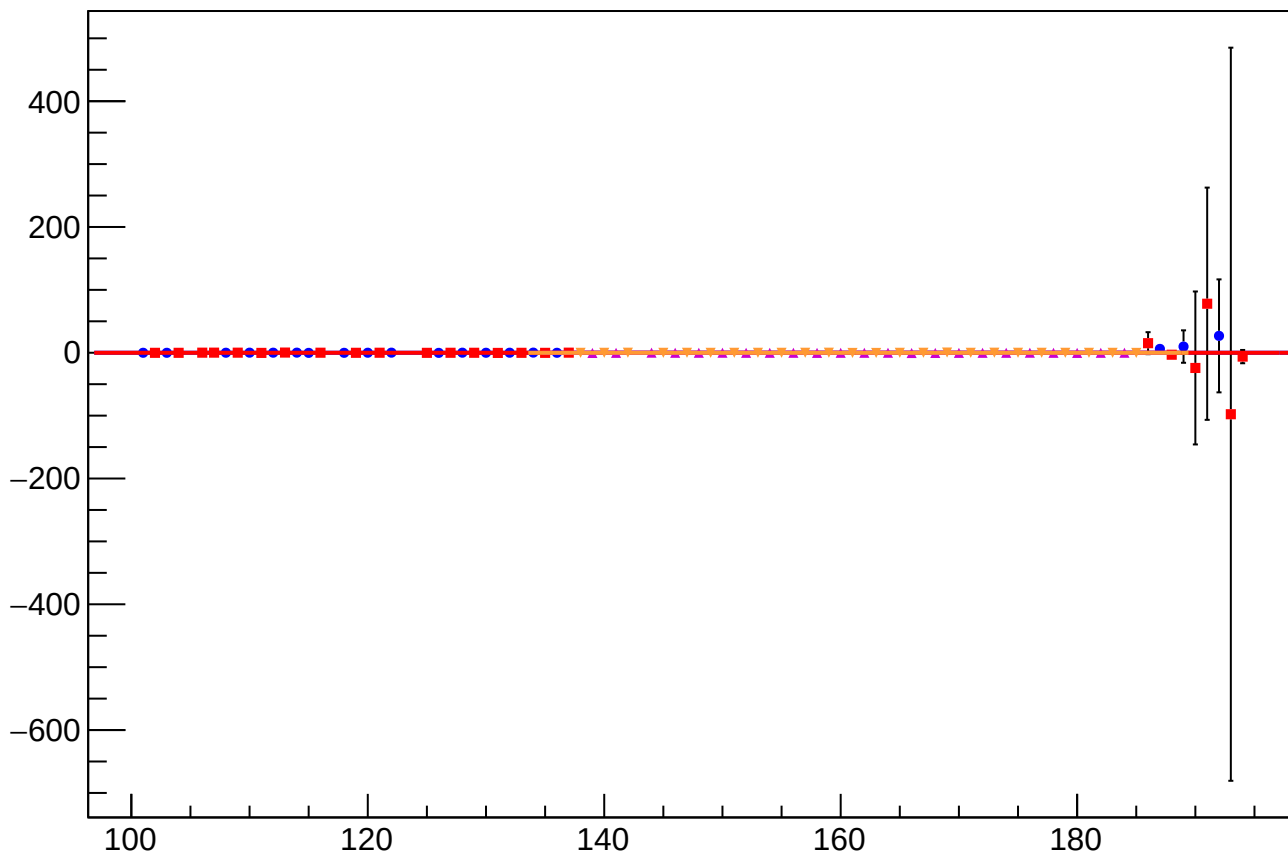
Left In: -0.026 ± 0.022 χ^2/NDF : 32.3/22

+ sign -0.089 ± 0.022 χ^2/NDF : 44.7/26

All: -0.057 ± 0.016 χ^2/NDF : 106.0/55

- sign -0.025 ± 0.022 χ^2/NDF : 57.3/28

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 $\pm$ 0.028 χ^2 /NDF: 14.4/18

Left Out: -0.081 $\pm$ 0.017 χ^2 /NDF: 25.8/23

Right Out: -0.051 $\pm$ 0.029 χ^2 /NDF: 23.5/22

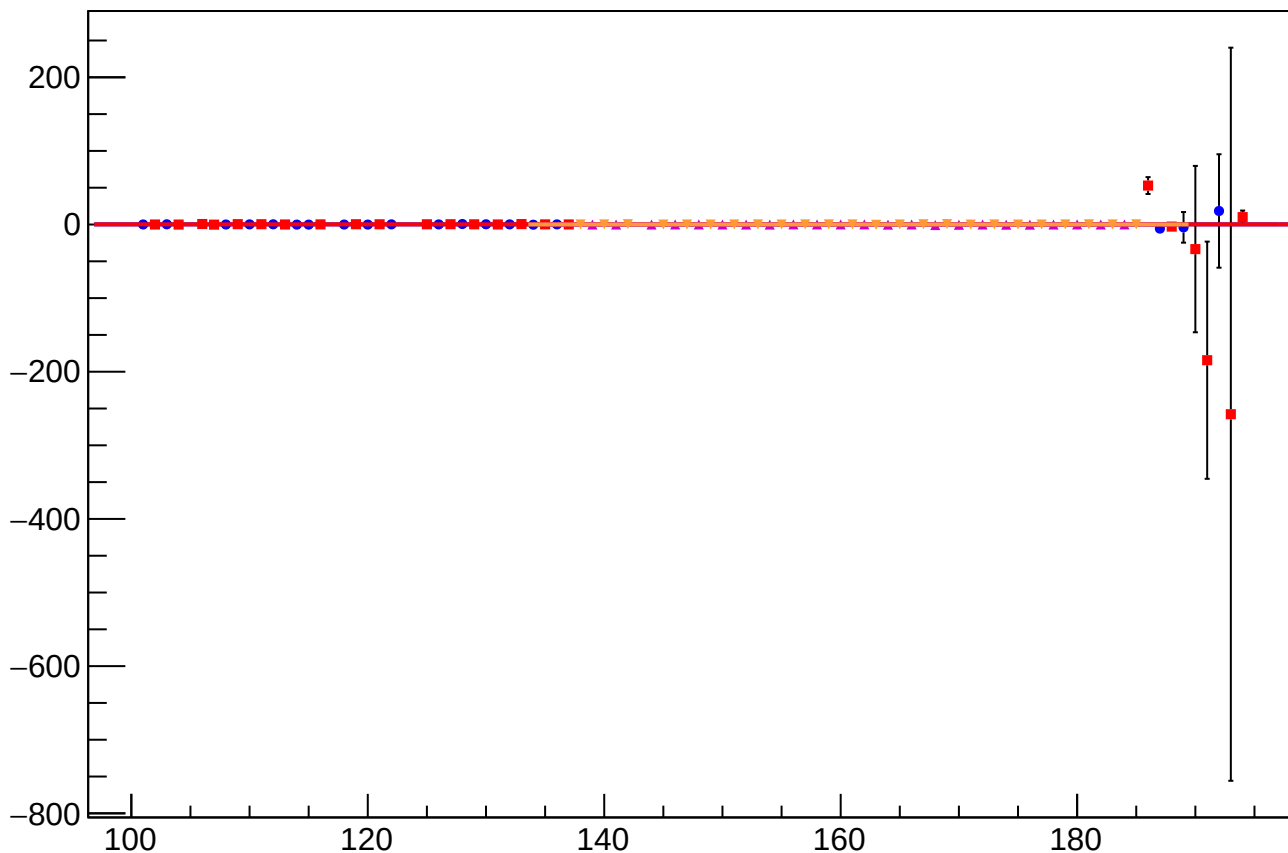
Left In: -0.055 $\pm$ 0.018 χ^2 /NDF: 32.2/22

+ sign -0.058 $\pm$ 0.015 χ^2 /NDF: 46.4/42

All: -0.056 $\pm$ 0.011 χ^2 /NDF: 102.1/88

- sign -0.054 $\pm$ 0.015 χ^2 /NDF: 55.7/45

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.168 ± 0.052 χ^2/NDF : 19.1/18

Left Out: 0.082 ± 0.022 χ^2/NDF : 38.7/23

Right Out: 0.238 ± 0.054 χ^2/NDF : 44.7/22

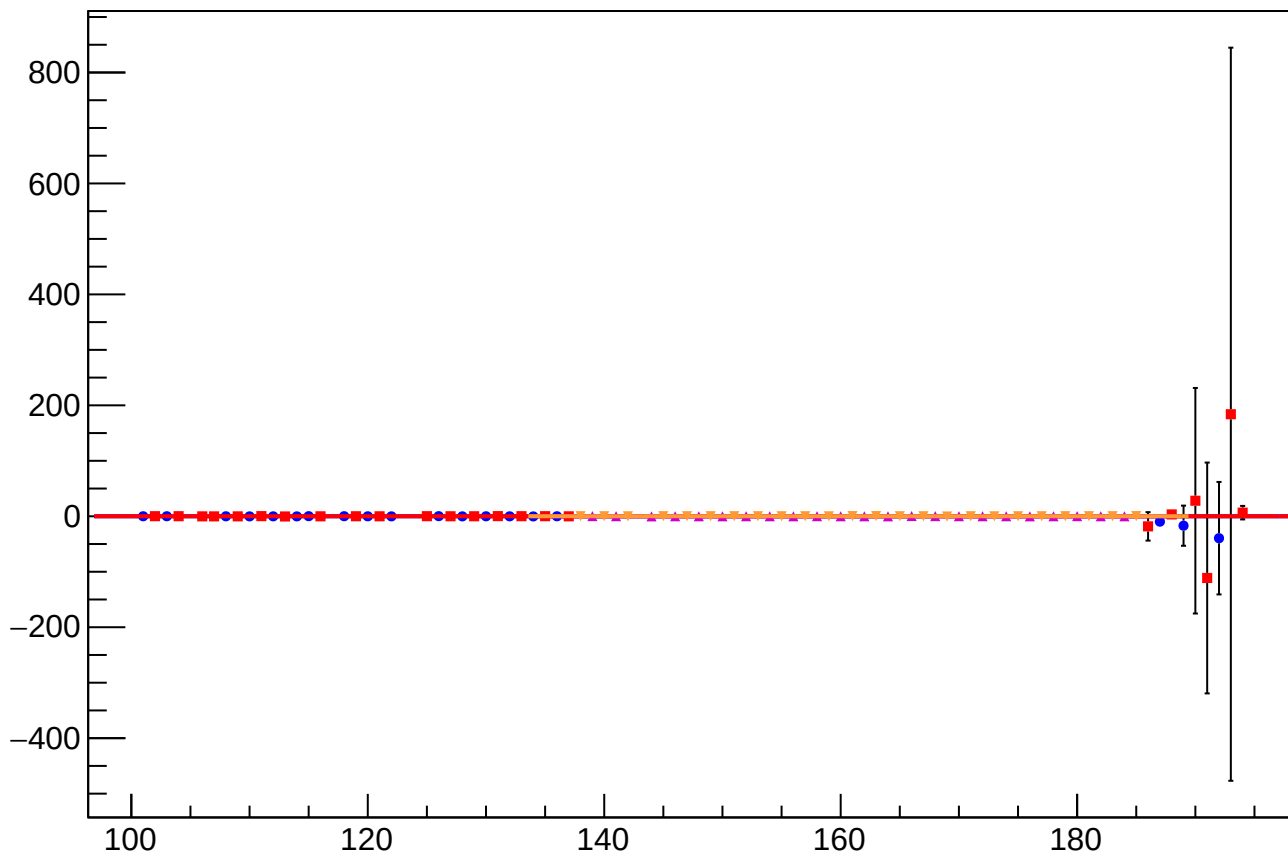
Left In: 0.020 ± 0.022 χ^2/NDF : 34.5/22

+ sign 0.095 ± 0.020 χ^2/NDF : 60.2/42

All: 0.073 ± 0.014 χ^2/NDF : 155.5/88

- sign 0.051 ± 0.020 χ^2/NDF : 93.1/45

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 16.0/18

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.059 ± 0.034 χ^2/NDF : 21.9/22

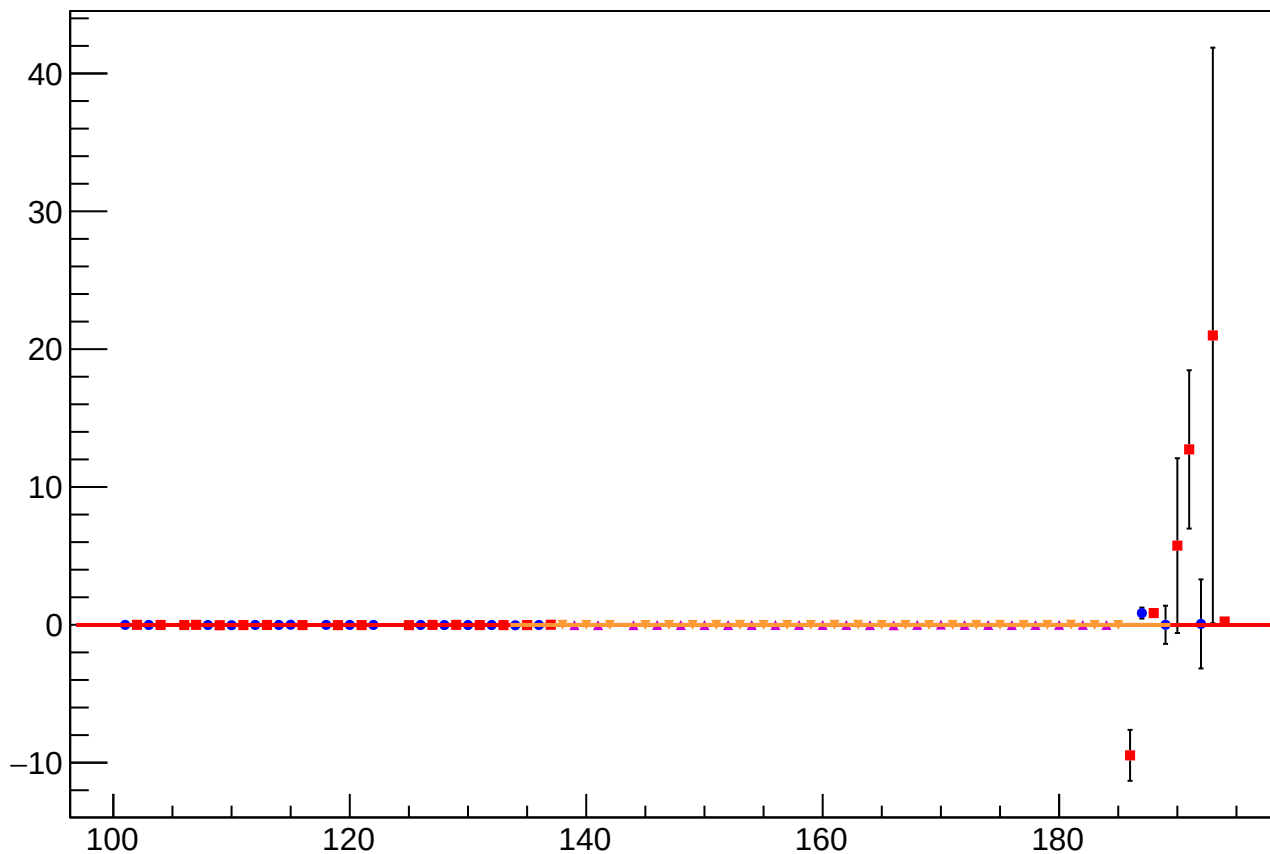
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 54.8/42

All: 0.071 ± 0.012 χ^2/NDF : 108.6/88

- sign 0.069 ± 0.017 χ^2/NDF : 53.7/45

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 17.6/18

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.7/23

Right Out: -0.011 ± 0.002 χ^2/NDF : 71.2/22

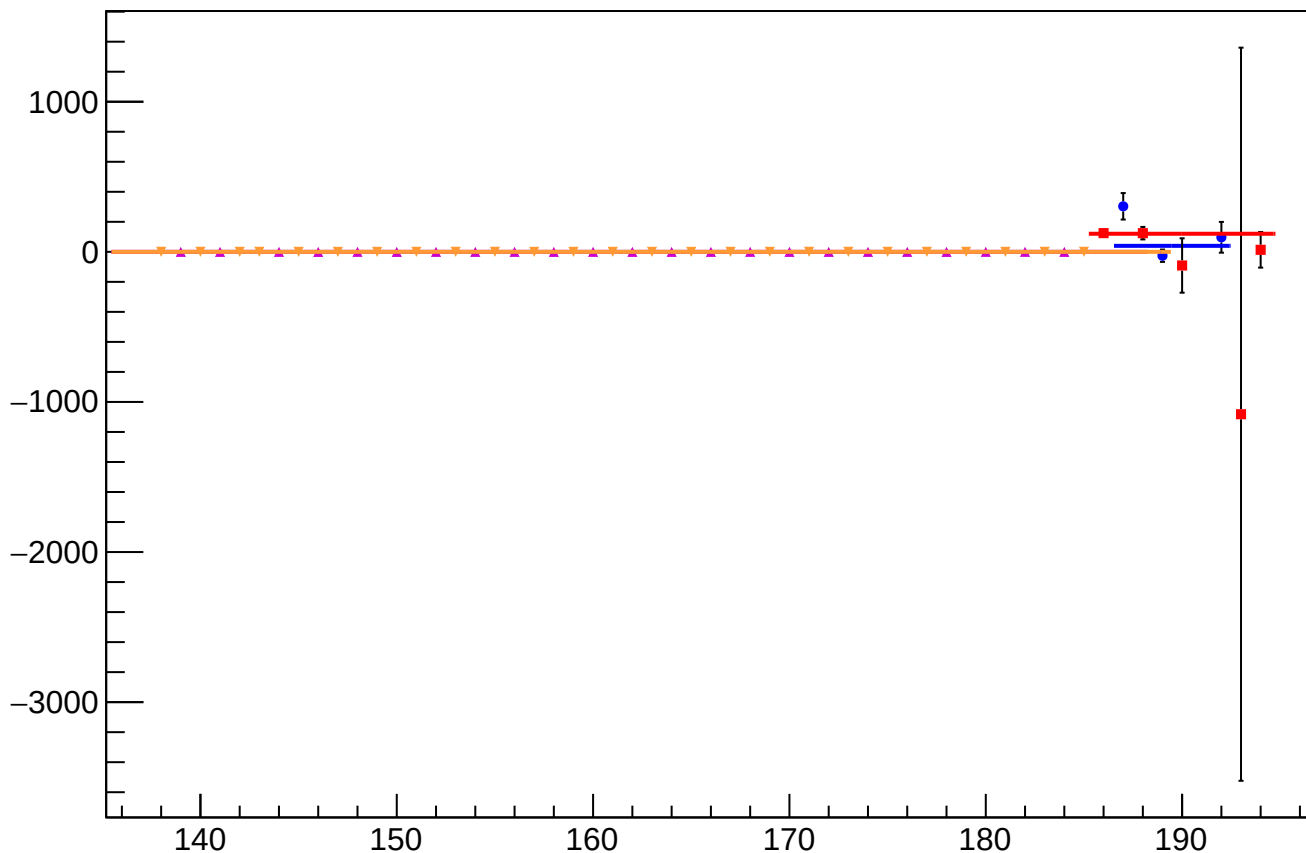
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 51.9/42

All: -0.009 ± 0.001 χ^2/NDF : 166.3/88

- sign -0.009 ± 0.001 χ^2/NDF : 114.2/45

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 39.972+/-34.935 χ^2/NDF : 11.8/2

Left Out: 0.013+/-0.027 χ^2/NDF : 29.2/24

Right Out: 120.465+/-16.899 χ^2/NDF : 2.5/4

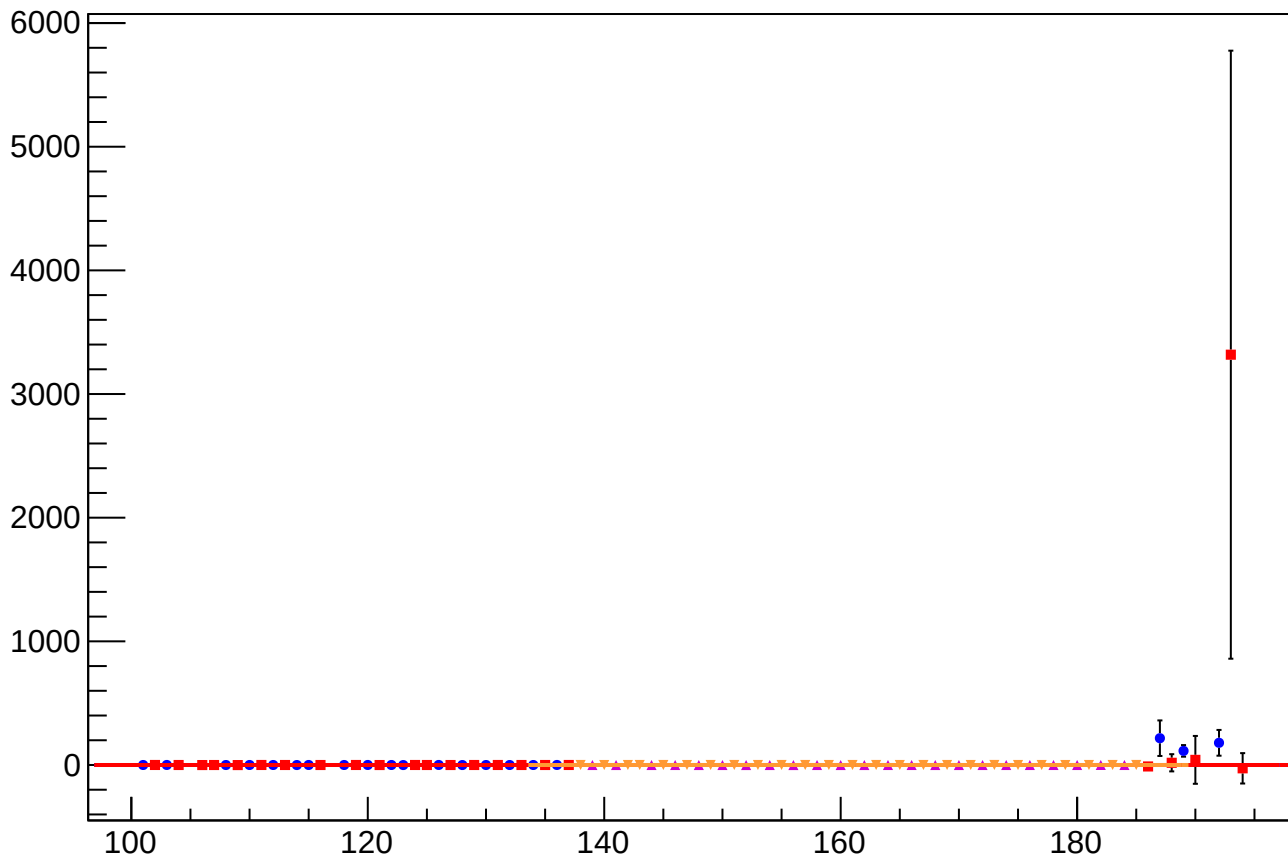
Left In: 0.004+/-0.028 χ^2/NDF : 28.2/22

+ sign 0.013+/-0.027 χ^2/NDF : 42.3/27

All: 0.009+/-0.019 χ^2/NDF : 123.8/55

- sign 0.005+/-0.028 χ^2/NDF : 81.5/27

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 34.5/19

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.128 ± 0.039 χ^2/NDF : 19.7/22

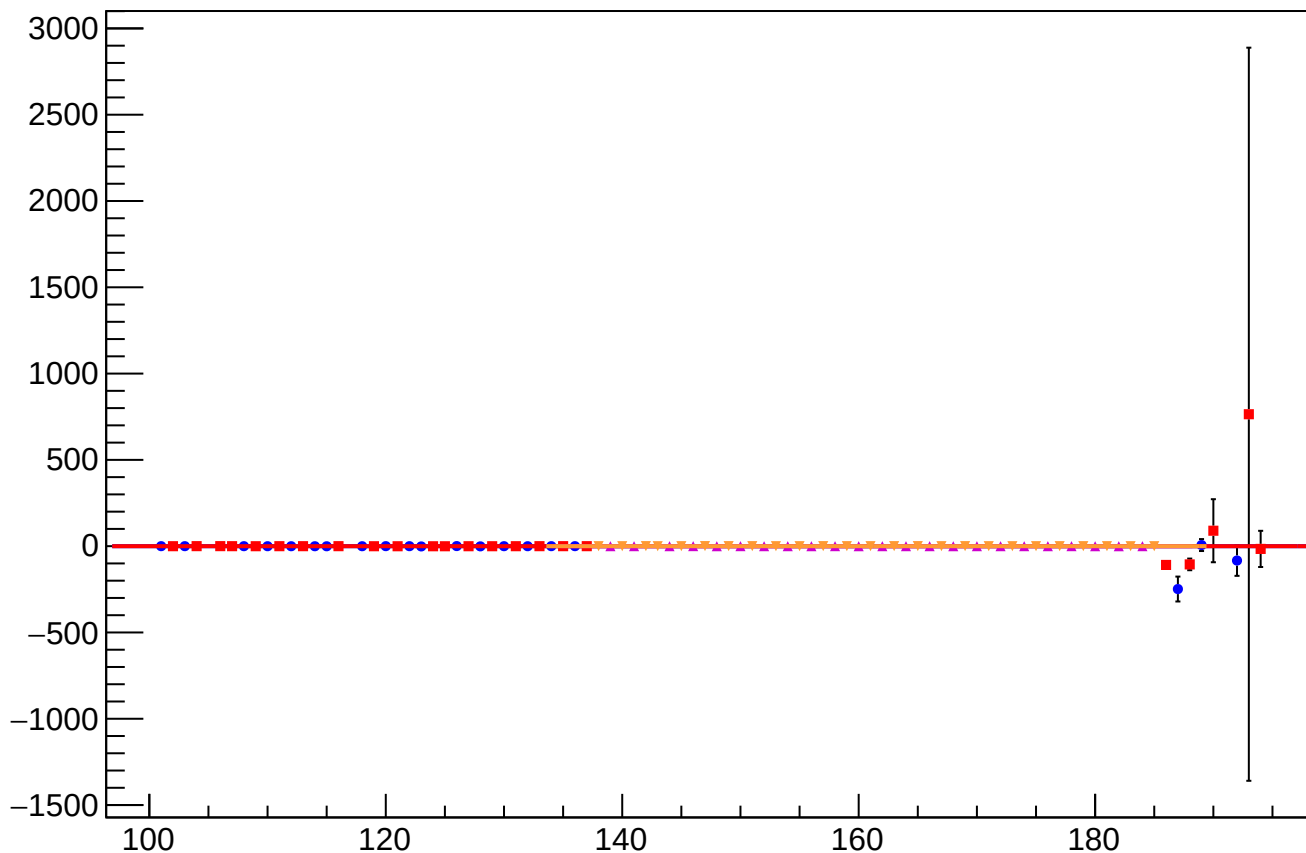
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 60.5/44

All: -0.066 ± 0.013 χ^2/NDF : 132.4/90

- sign -0.085 ± 0.019 χ^2/NDF : 70.0/45

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130 ± 0.067 χ^2/NDF : 36.5/19

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.176 ± 0.071 χ^2/NDF : 68.3/22

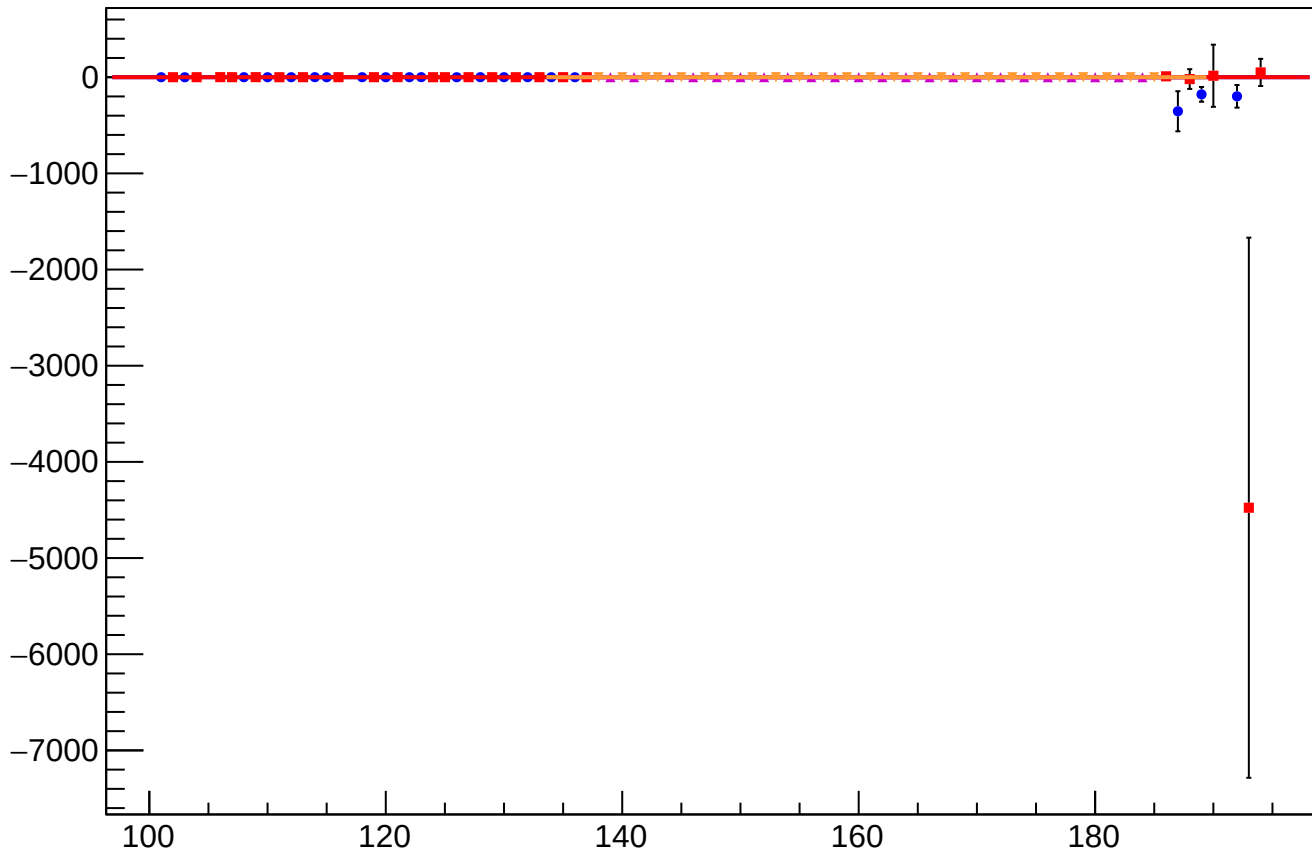
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 66.1/44

All: -0.042 ± 0.018 χ^2/NDF : 165.9/90

- sign -0.053 ± 0.026 χ^2/NDF : 99.4/45

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 33.6/19

Left Out: 0.062 ± 0.024 χ^2/NDF : 25.0/24

Right Out: 0.152 ± 0.045 χ^2/NDF : 18.6/22

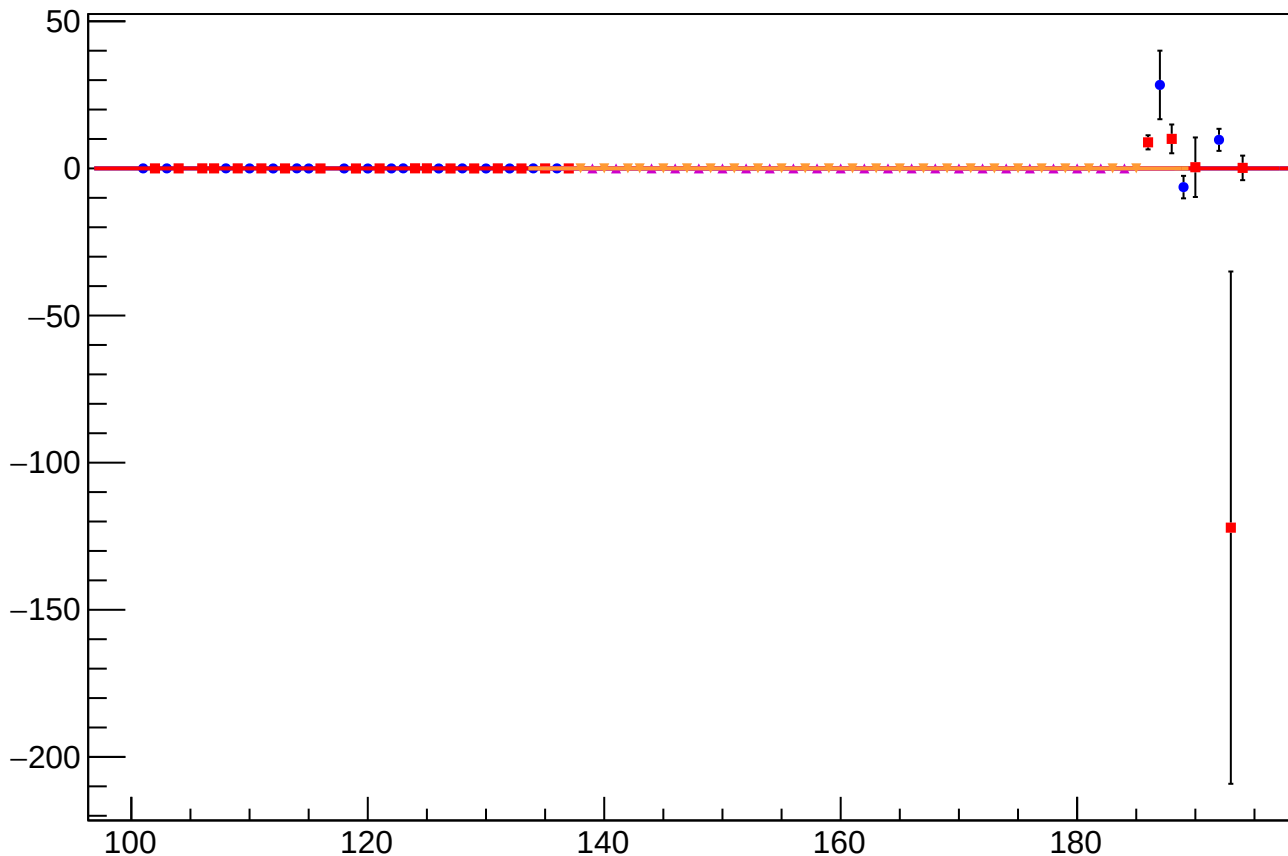
Left In: 0.069 ± 0.025 χ^2/NDF : 51.4/22

+ sign 0.052 ± 0.021 χ^2/NDF : 59.4/44

All: 0.069 ± 0.015 χ^2/NDF : 133.4/90

- sign 0.088 ± 0.022 χ^2/NDF : 72.6/45

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 ± 0.002 χ^2/NDF : 47.8/19

Left Out: 0.008 ± 0.001 χ^2/NDF : 25.9/24

Right Out: 0.002 ± 0.002 χ^2/NDF : 40.4/22

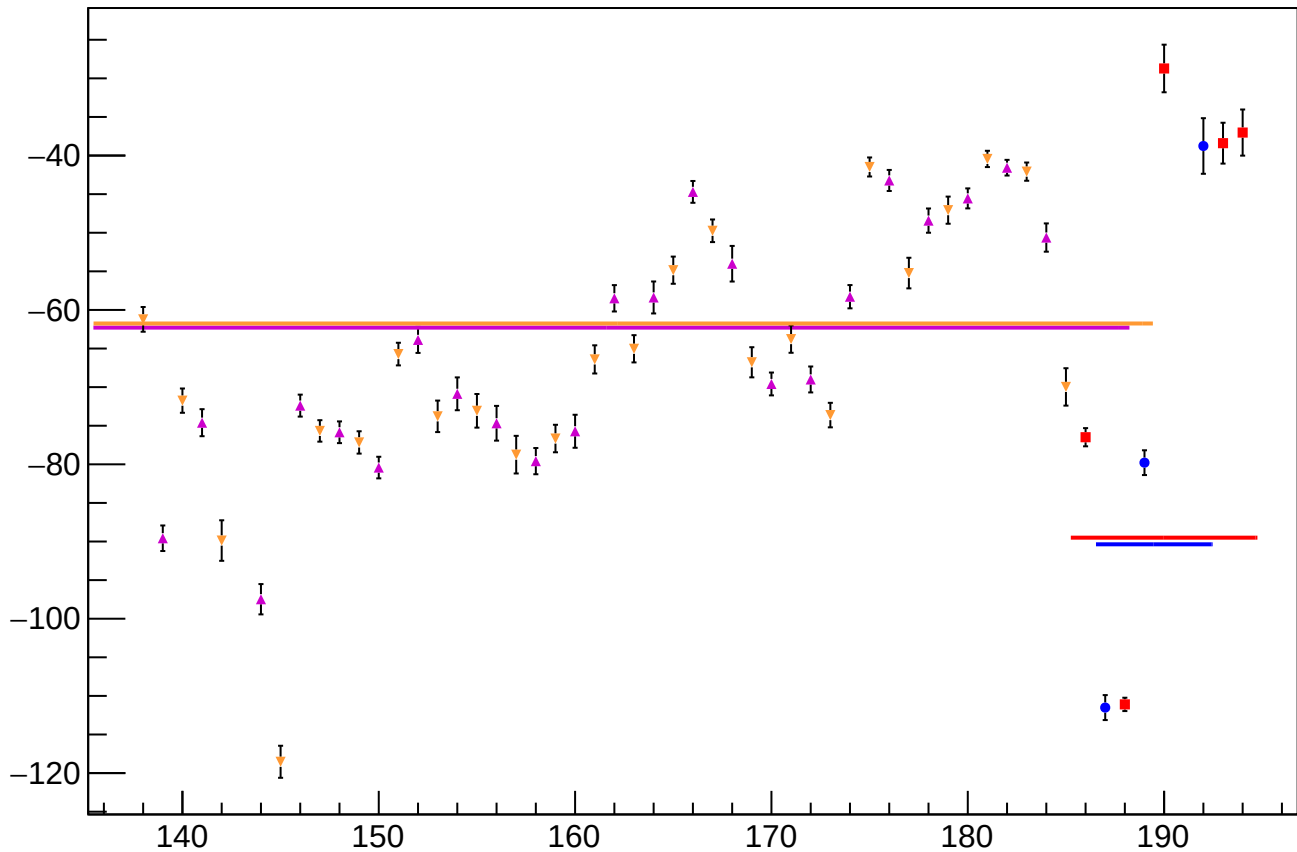
Left In: 0.009 ± 0.001 χ^2/NDF : 15.8/22

+ sign 0.007 ± 0.001 χ^2/NDF : 81.9/44

All: 0.007 ± 0.001 χ^2/NDF : 145.3/90

- sign 0.008 ± 0.001 χ^2/NDF : 63.0/45

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -90.362 ± 1.086 χ^2/NDF : 419.6/2

Left Out: -61.756 ± 0.334 χ^2/NDF : 2509.2/23

Right Out: -89.500 ± 0.643 χ^2/NDF : 1816.8/4

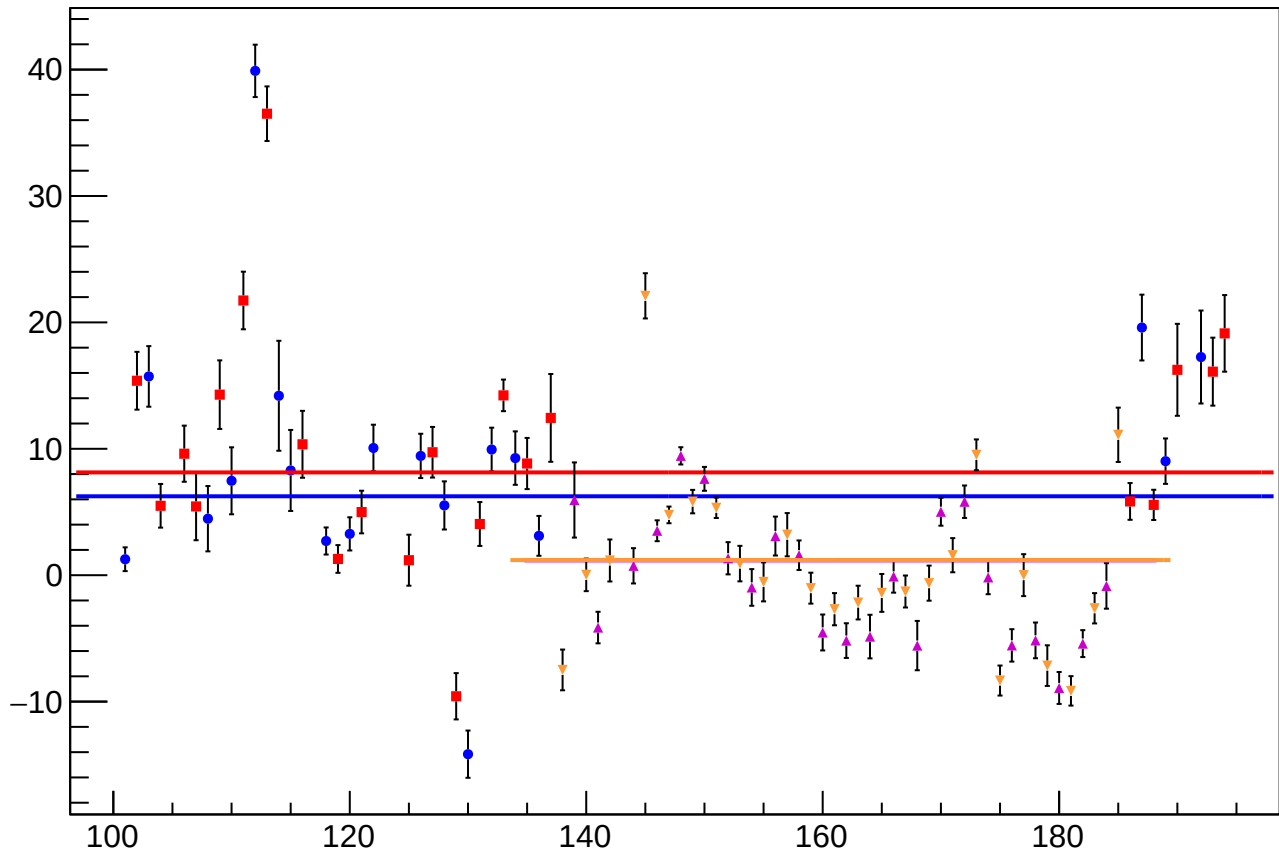
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -64.225 ± 0.319 χ^2/NDF : 3562.6/26

All: -66.262 ± 0.216 χ^2/NDF : 9135.6/54

- sign -67.996 ± 0.294 χ^2/NDF : 5497.5/27

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.243 $\pm$ 0.405 χ^2/NDF : 502.8/18

Left Out: 1.197 $\pm$ 0.252 χ^2/NDF : 526.1/23

Right Out: 8.133 $\pm$ 0.398 χ^2/NDF : 441.6/21

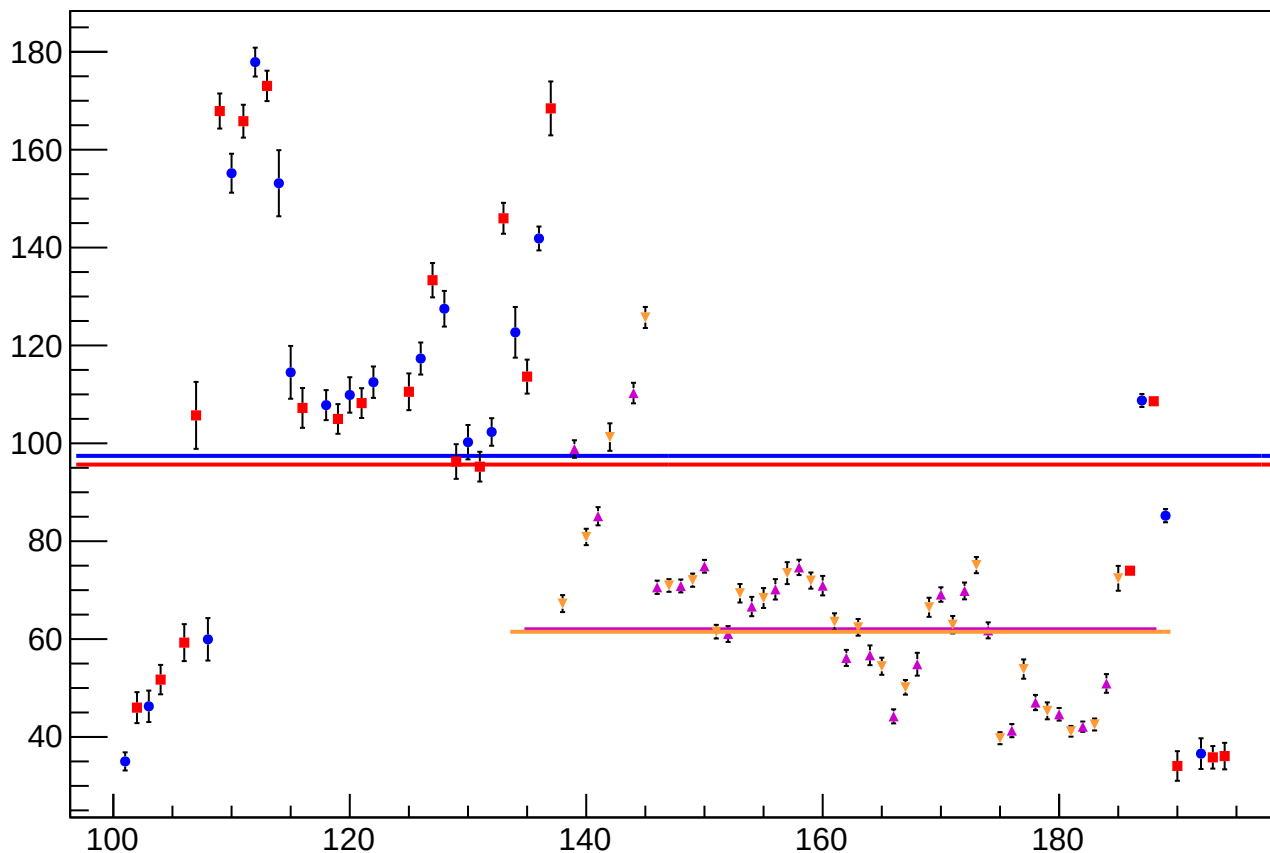
Left In: 1.171 $\pm$ 0.255 χ^2/NDF : 466.2/22

+ sign 2.611 $\pm$ 0.214 χ^2/NDF : 1140.8/42

All: 2.904 $\pm$ 0.152 χ^2/NDF : 2269.7/87

- sign 3.197 $\pm$ 0.215 χ^2/NDF : 1125.2/44

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 97.437 ± 0.603 χ^2/NDF : 3536.5/18

Left Out: 61.496 ± 0.332 χ^2/NDF : 2610.2/23

Right Out: 95.659 ± 0.445 χ^2/NDF : 5091.3/21

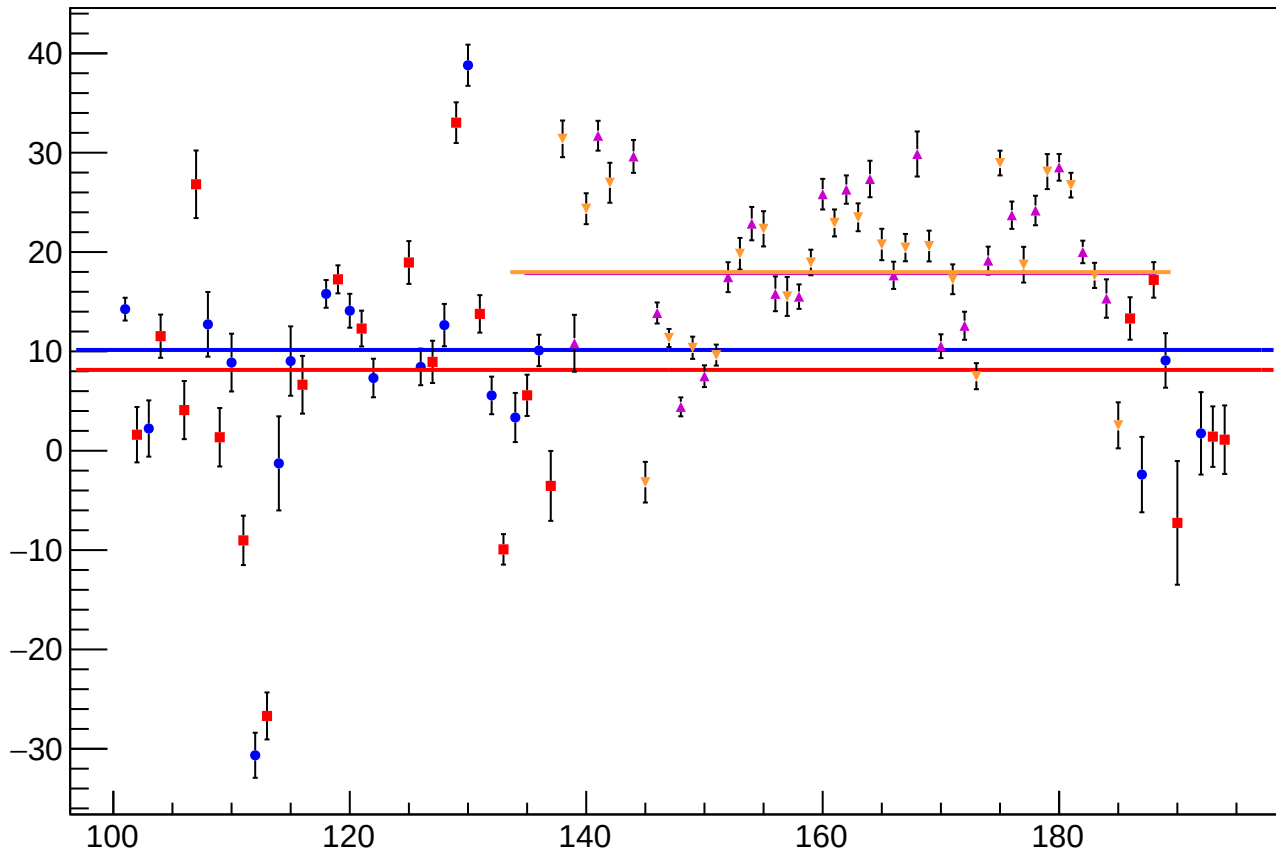
Left In: 61.995 ± 0.329 χ^2/NDF : 2517.6/22

+ sign 69.865 ± 0.291 χ^2/NDF : 8871.1/42

All: 72.062 ± 0.196 χ^2/NDF : 20281.4/87

- sign 73.878 ± 0.265 χ^2/NDF : 11306.2/44

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.145 $\pm$ 0.477 χ^2 /NDF: 597.2/18

Left Out: 17.979 $\pm$ 0.291 χ^2 /NDF: 674.8/23

Right Out: 8.137 $\pm$ 0.478 χ^2 /NDF: 736.6/21

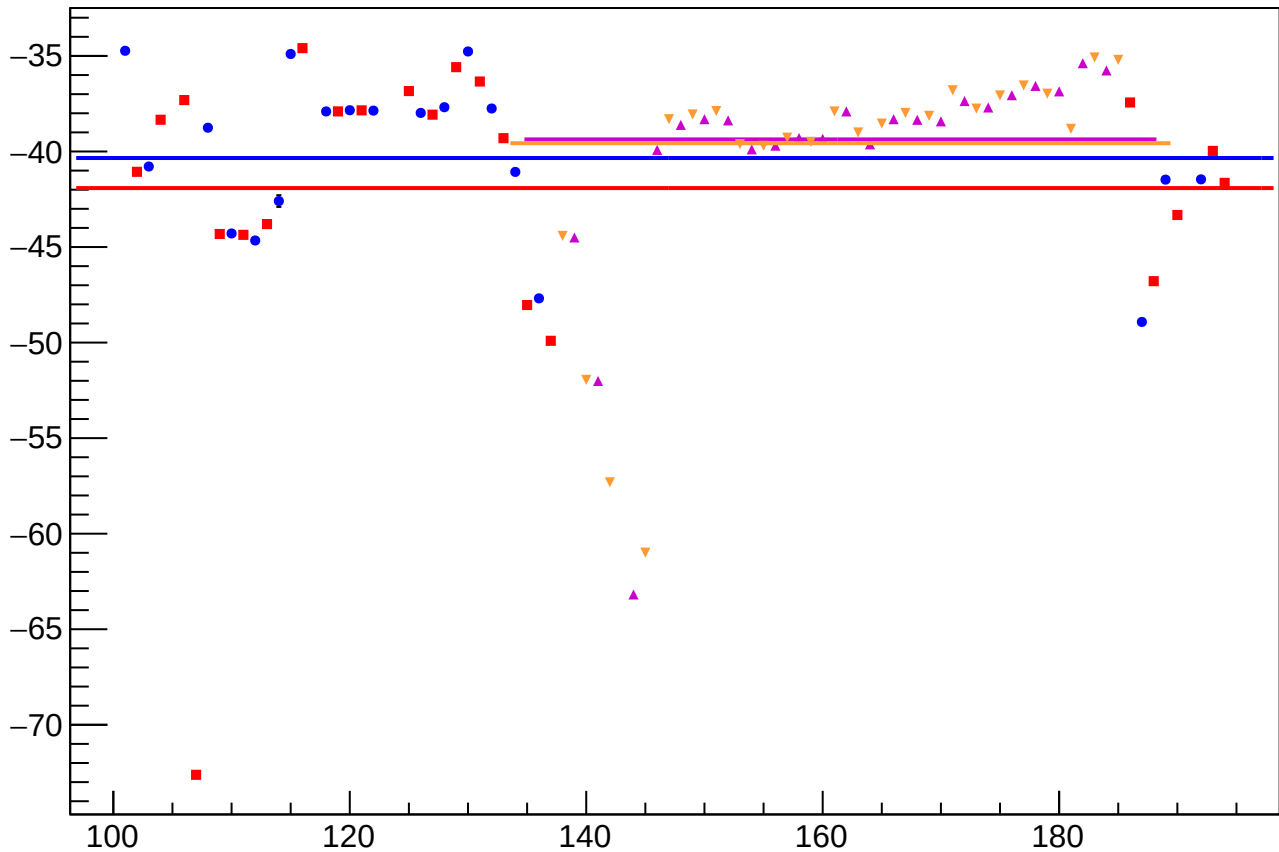
Left In: 17.881 $\pm$ 0.292 χ^2 /NDF: 730.9/22

+ sign 15.858 $\pm$ 0.248 χ^2 /NDF: 1468.5/42

All: 15.550 $\pm$ 0.176 χ^2 /NDF: 3241.5/87

- sign 15.241 $\pm$ 0.249 χ^2 /NDF: 1769.9/44

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.341 ± 0.027 χ^2/NDF : 26967.3/18

Left Out: -39.567 ± 0.014 χ^2/NDF : 141152.0/23

Right Out: -41.915 ± 0.025 χ^2/NDF : 64350.7/21

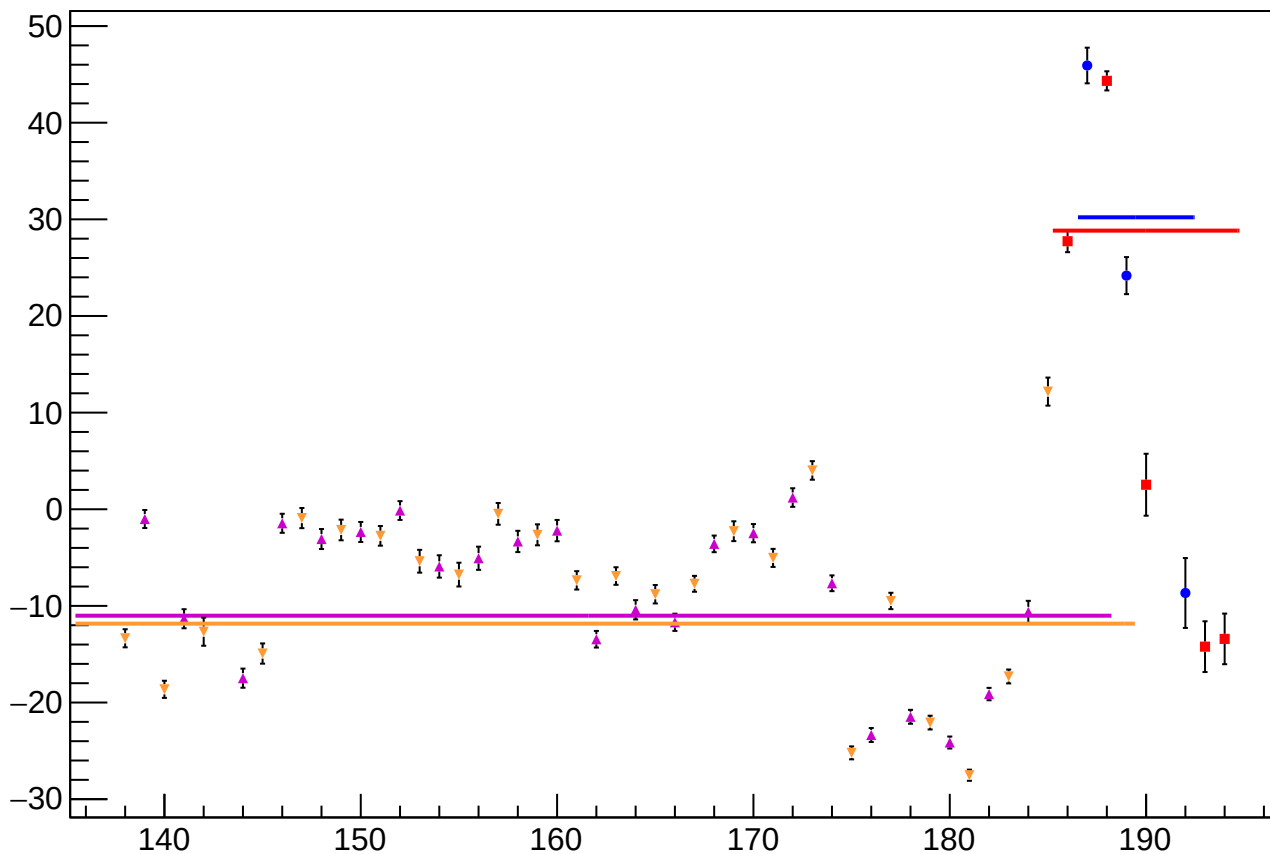
Left In: -39.368 ± 0.014 χ^2/NDF : 117958.1/22

+ sign -39.729 ± 0.012 χ^2/NDF : 168785.7/42

All: -39.840 ± 0.009 χ^2/NDF : 359279.5/87

- sign -39.946 ± 0.012 χ^2/NDF : 190332.6/44

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 30.210 ± 1.248 $\chi^2/\text{NDF}: 198.0/2$

Left Out: -11.837 ± 0.187 $\chi^2/\text{NDF}: 2742.4/23$

Right Out: 28.833 ± 0.677 $\chi^2/\text{NDF}: 842.1/4$

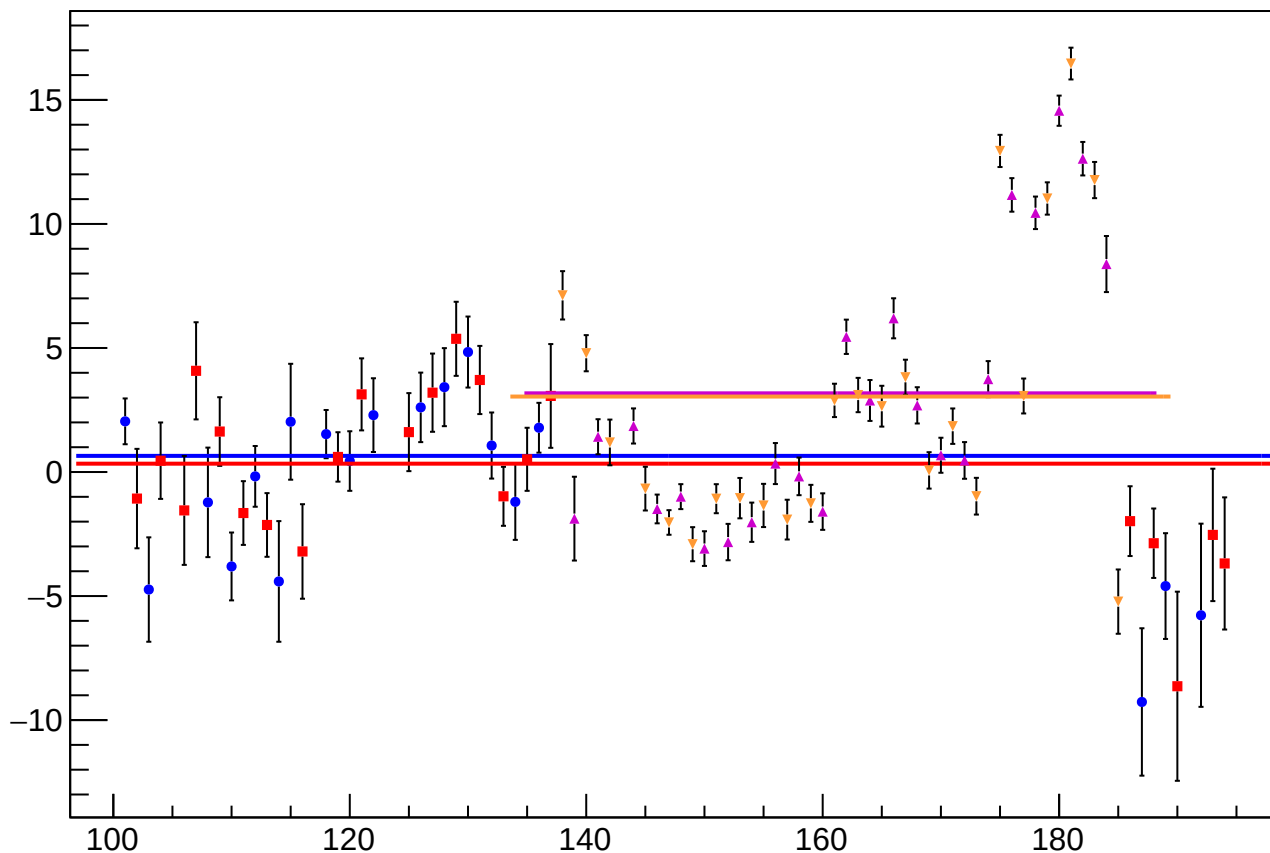
Left In: -11.014 ± 0.187 $\chi^2/\text{NDF}: 2116.6/22$

+ sign -10.915 ± 0.185 $\chi^2/\text{NDF}: 4051.1/26$

All: -9.516 ± 0.129 $\chi^2/\text{NDF}: 10344.4/54$

- sign -8.181 ± 0.180 $\chi^2/\text{NDF}: 6181.2/27$

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.651 ± 0.331 χ^2/NDF : 64.0/18

Left Out: 3.042 ± 0.148 χ^2/NDF : 1452.6/23

Right Out: 0.336 ± 0.327 χ^2/NDF : 60.3/21

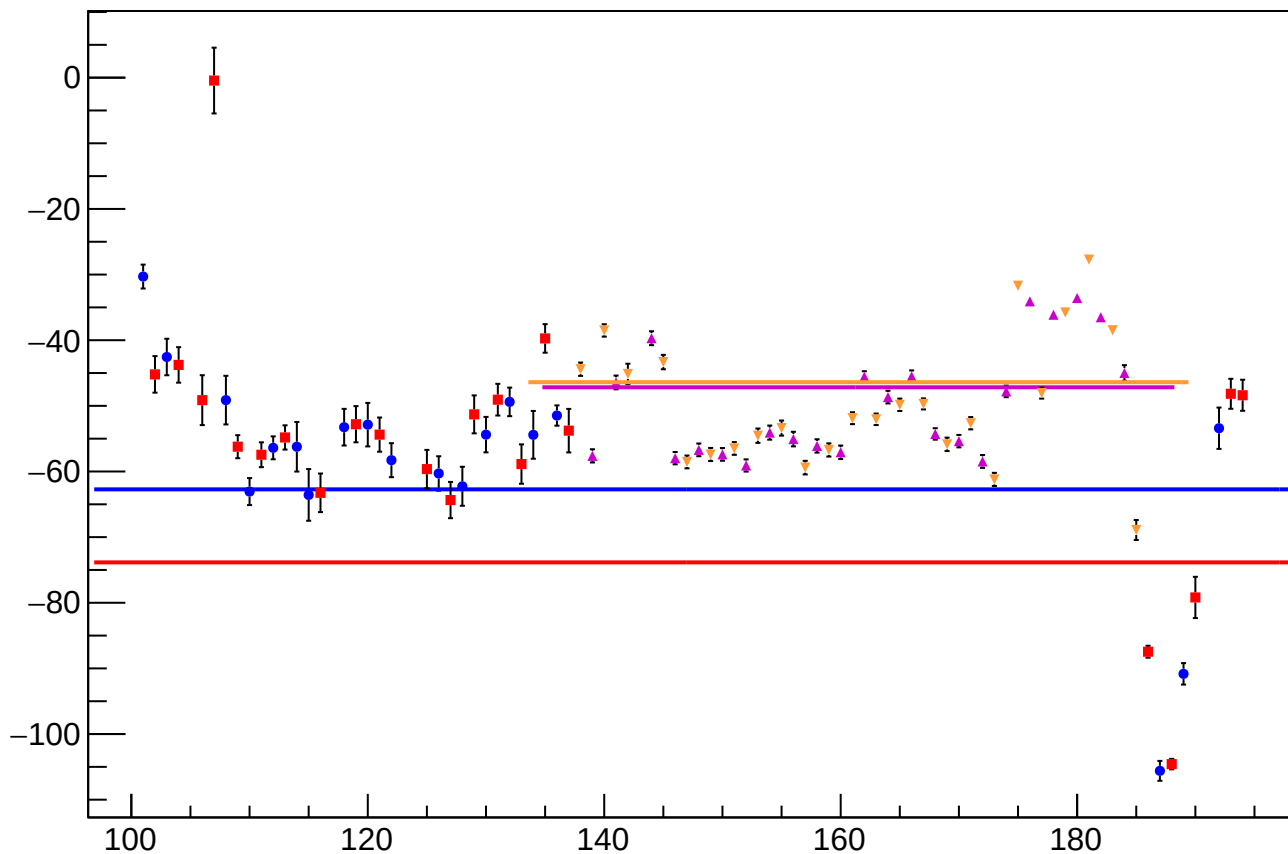
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.644 ± 0.135 χ^2/NDF : 1560.2/42

All: 2.663 ± 0.096 χ^2/NDF : 2980.6/87

- sign 2.682 ± 0.136 χ^2/NDF : 1420.4/44

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -62.723 ± 0.528 $\chi^2/\text{NDF}: 1633.6/18$

Left Out: -46.398 ± 0.187 $\chi^2/\text{NDF}: 3289.4/23$

Right Out: -73.847 ± 0.413 $\chi^2/\text{NDF}: 3357.9/21$

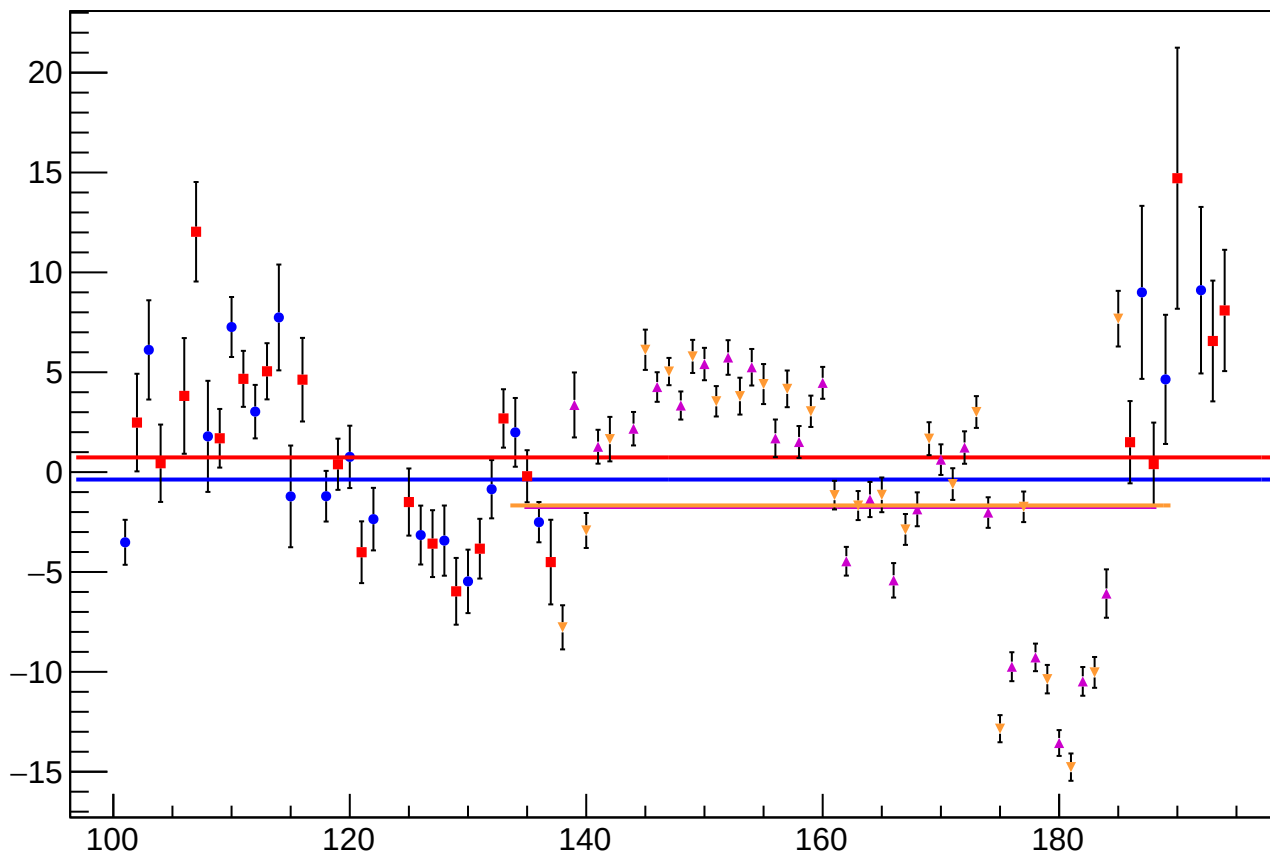
Left In: -47.170 ± 0.186 $\chi^2/\text{NDF}: 2526.3/22$

+ sign -48.207 ± 0.176 $\chi^2/\text{NDF}: 5771.6/42$

All: -50.008 ± 0.122 $\chi^2/\text{NDF}: 15326.4/87$

- sign -51.690 ± 0.170 $\chi^2/\text{NDF}: 9352.0/44$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.371 ± 0.378 χ^2/NDF : 95.2/18

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 0.737 ± 0.379 χ^2/NDF : 109.5/21

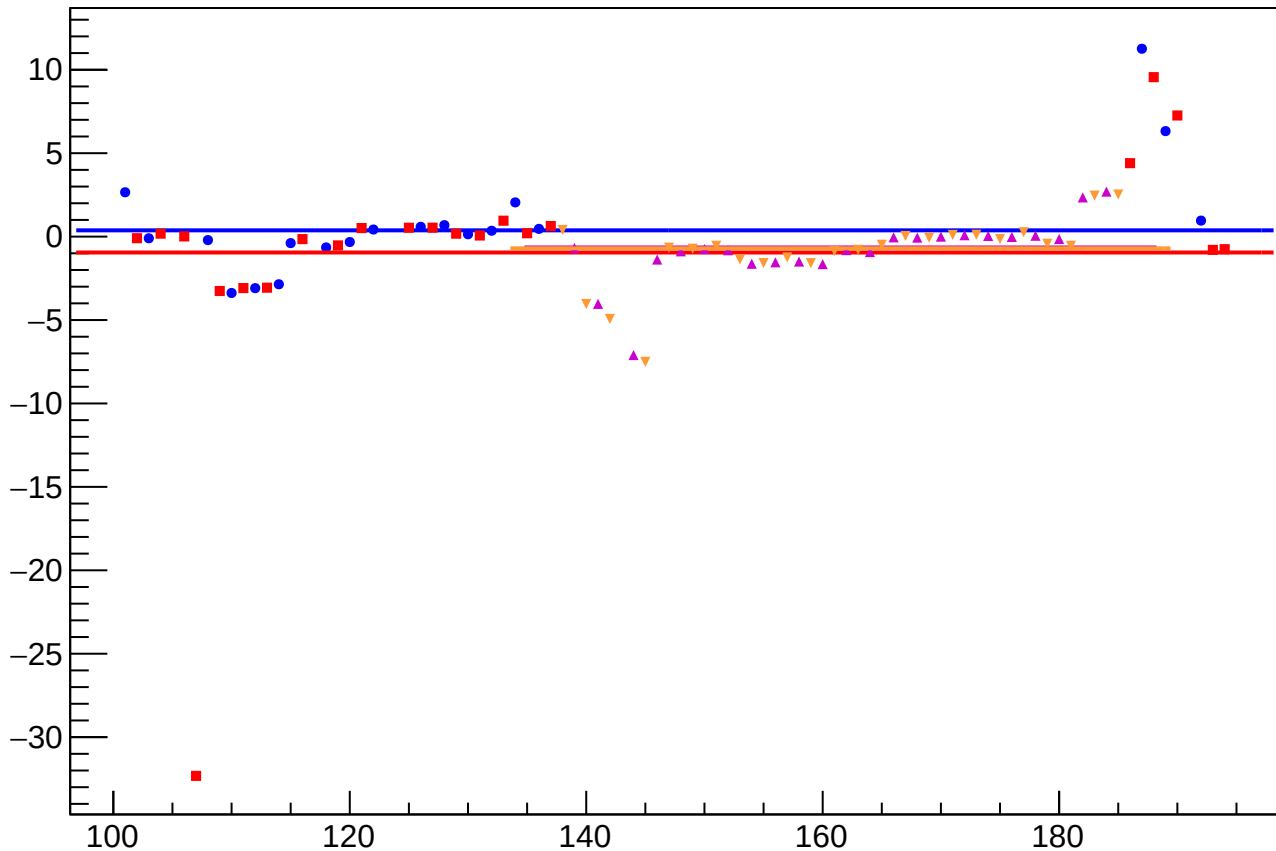
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.457 ± 0.153 χ^2/NDF : 1584.4/42

All: -1.397 ± 0.108 χ^2/NDF : 2984.0/87

- sign -1.337 ± 0.154 χ^2/NDF : 1399.4/44

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.376 ± 0.021 χ^2/NDF : 9293.9/18

Left Out: -0.703 ± 0.008 χ^2/NDF : 53770.3/23

Right Out: -0.952 ± 0.020 χ^2/NDF : 92074.6/21

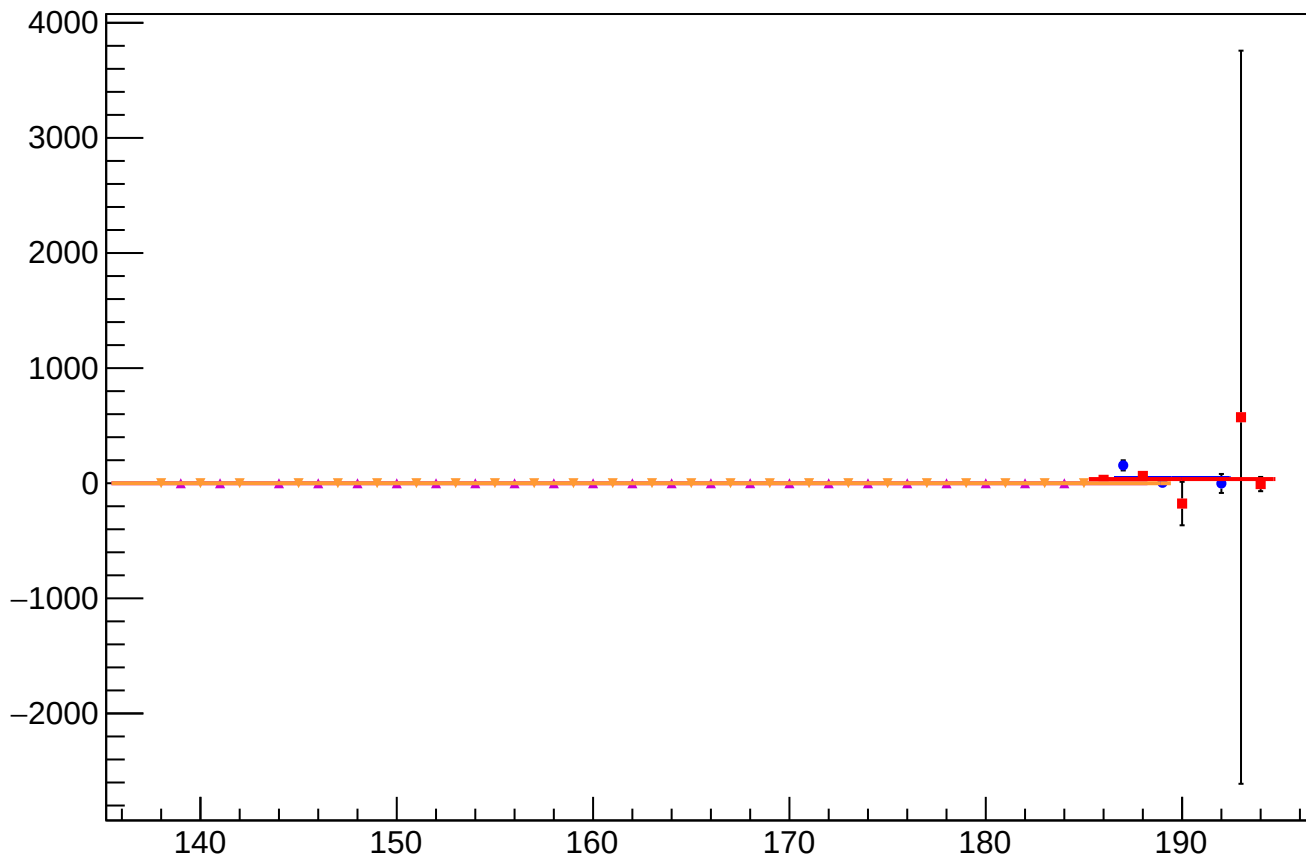
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.575 ± 0.007 χ^2/NDF : 65416.2/42

All: -0.633 ± 0.005 χ^2/NDF : 201983.0/87

- sign -0.690 ± 0.007 χ^2/NDF : 136438.8/44

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 45.416 $\pm$ 23.293 χ^2 /NDF: 8.6/2

Left Out: -0.038 $\pm$ 0.018 χ^2 /NDF: 35.6/23

Right Out: 36.164 $\pm$ 10.301 χ^2 /NDF: 3.8/4

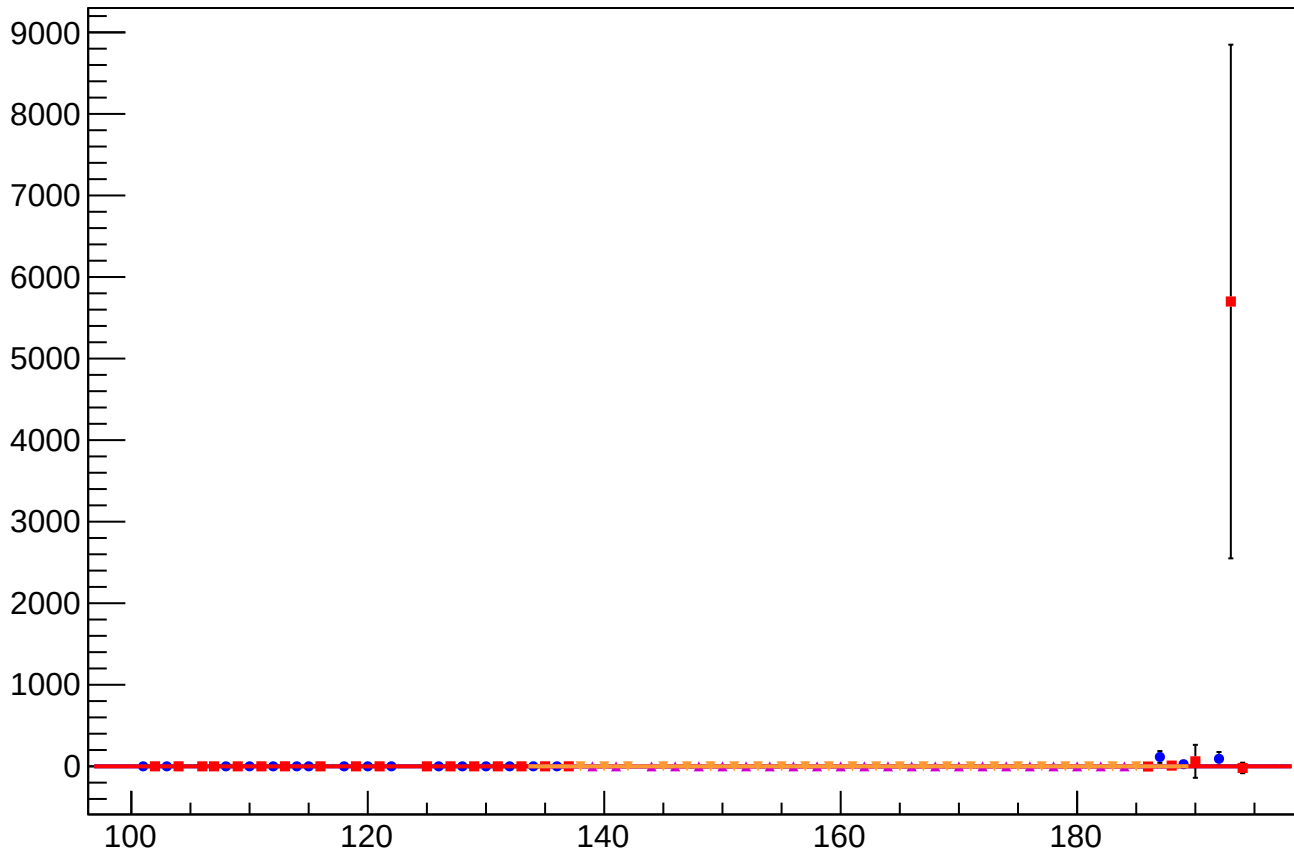
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 35.3/22

+ sign -0.038 $\pm$ 0.018 χ^2 /NDF: 48.0/26

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 100.6/54

- sign -0.009 $\pm$ 0.018 χ^2 /NDF: 51.4/27

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 16.6/18

Left Out: -0.073 ± 0.014 χ^2/NDF : 27.8/23

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.8/21

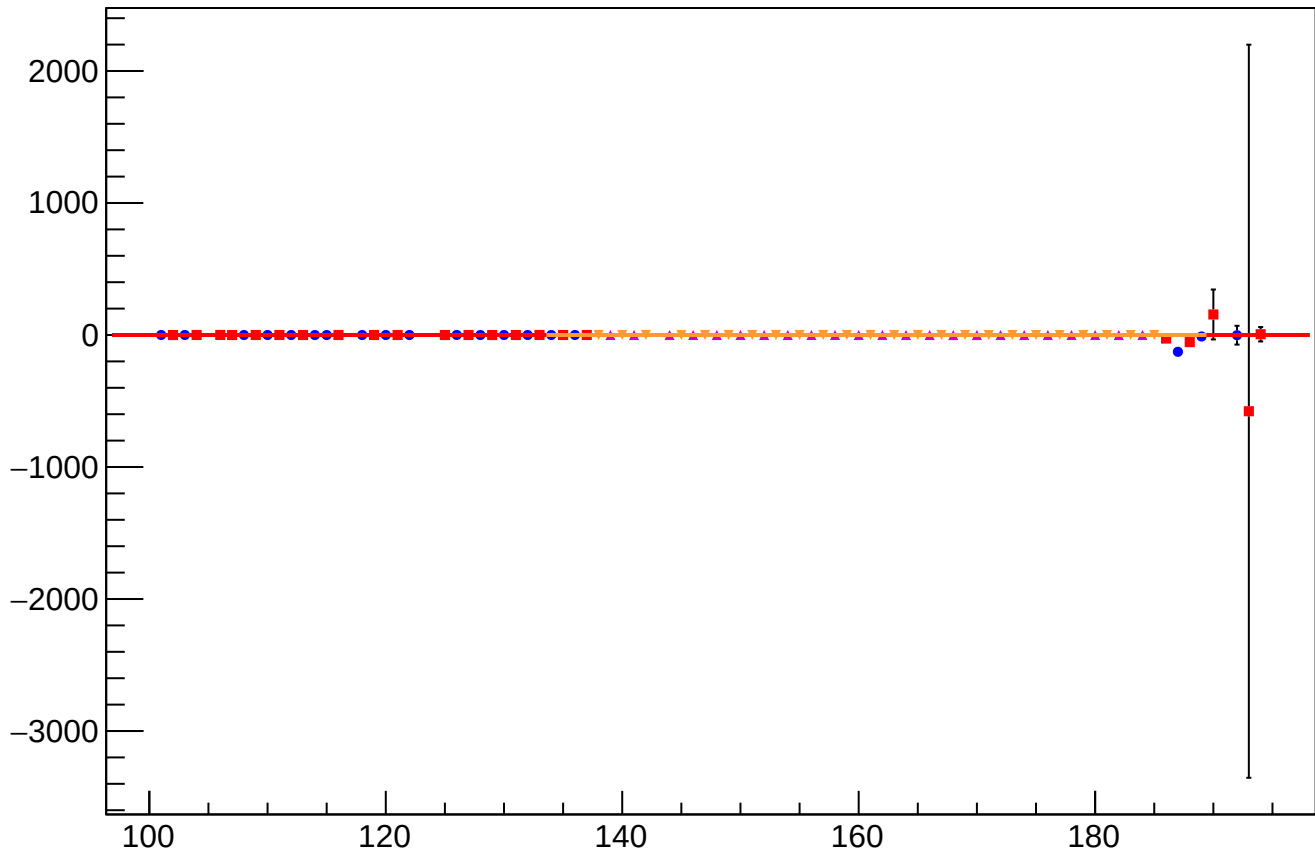
Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

+ sign -0.057 ± 0.012 χ^2/NDF : 49.3/42

All: -0.064 ± 0.009 χ^2/NDF : 104.1/87

- sign -0.072 ± 0.012 χ^2/NDF : 54.0/44

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 22.2/18

Left Out: 0.036 $\pm$ 0.018 χ^2 /NDF: 32.4/23

Right Out: 0.029 $\pm$ 0.045 χ^2 /NDF: 26.7/21

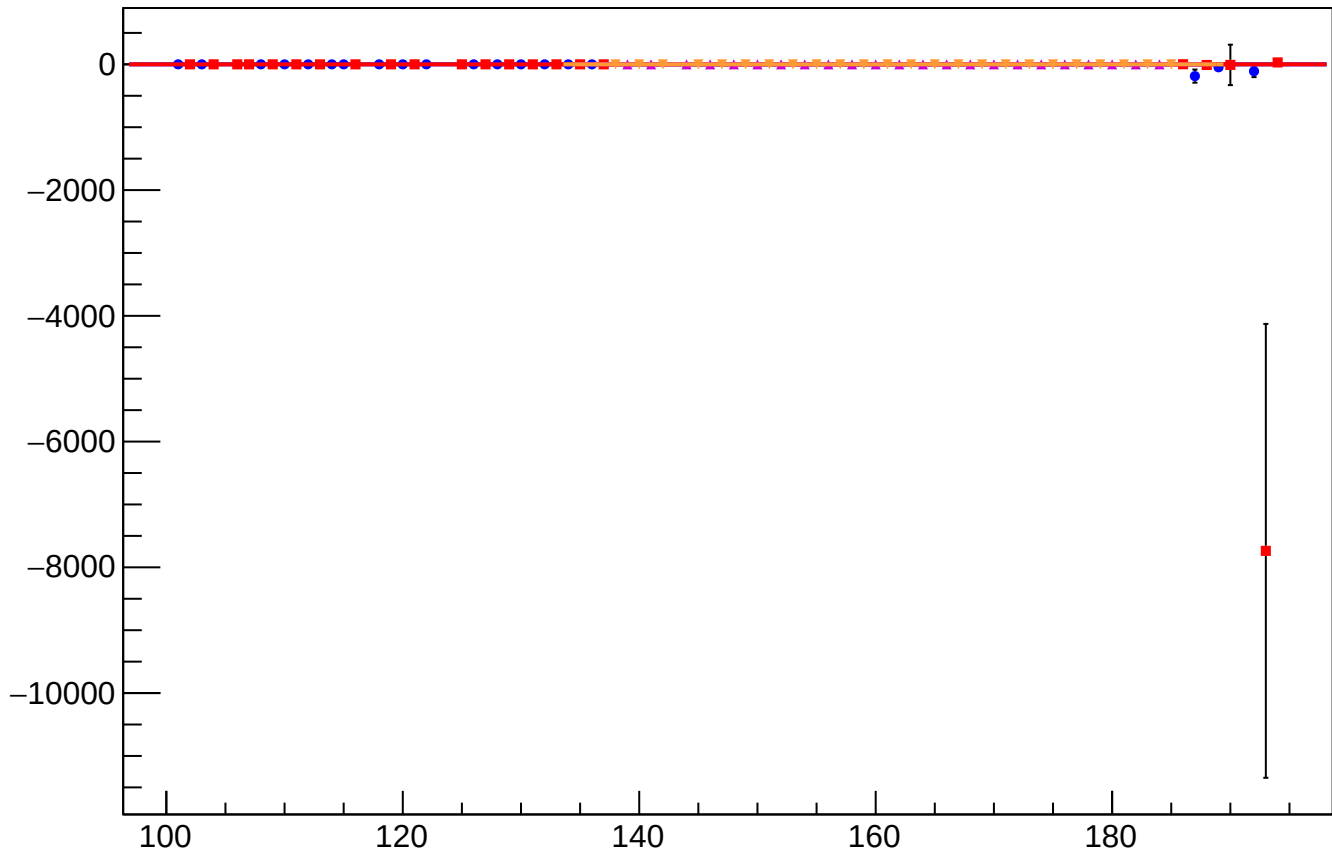
Left In: -0.010 $\pm$ 0.018 χ^2 /NDF: 37.1/22

+ sign 0.033 $\pm$ 0.017 χ^2 /NDF: 54.8/42

All: 0.014 $\pm$ 0.012 χ^2 /NDF: 121.8/87

- sign -0.005 $\pm$ 0.017 χ^2 /NDF: 64.5/44

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 17.4/18

Left Out: 0.086 ± 0.016 χ^2/NDF : 27.8/23

Right Out: 0.110 ± 0.029 χ^2/NDF : 12.8/21

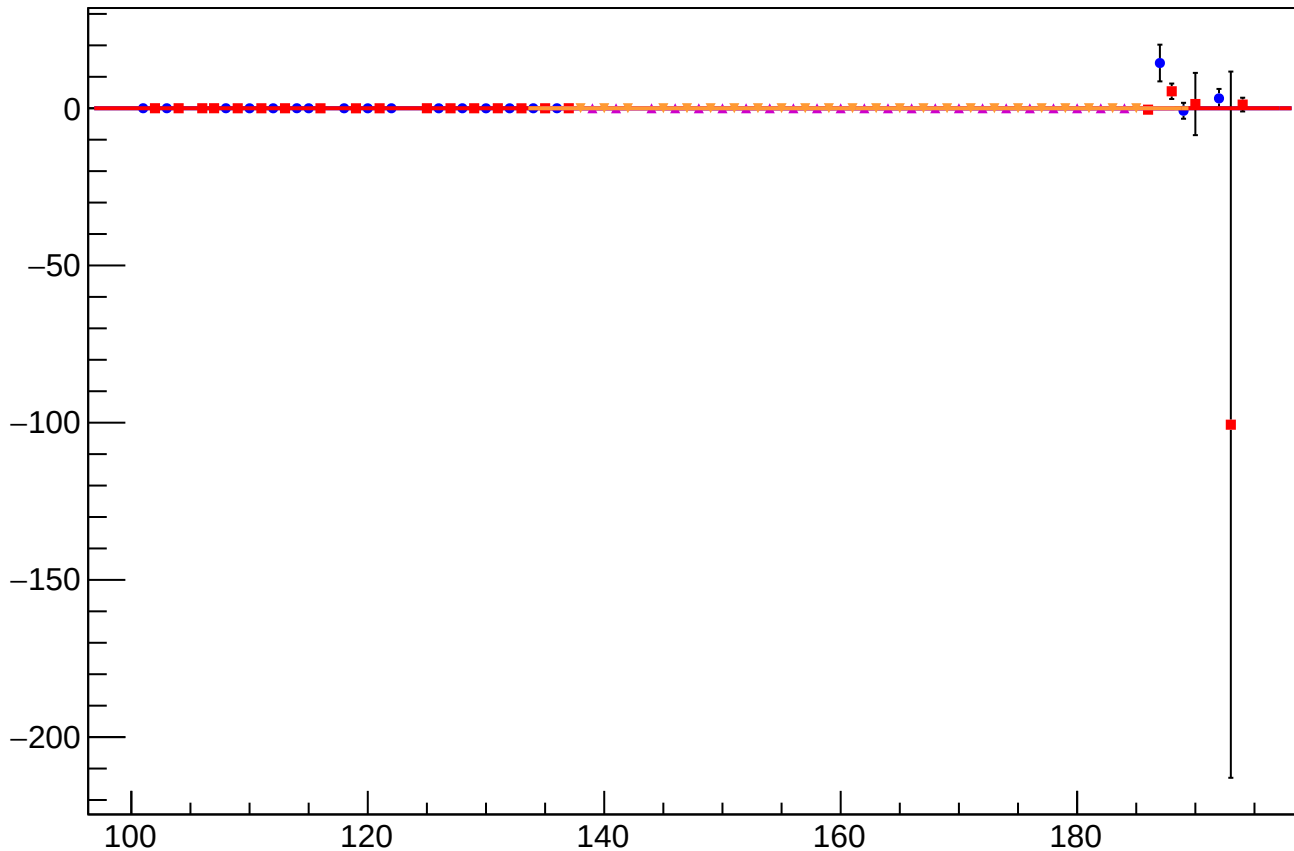
Left In: 0.071 ± 0.016 χ^2/NDF : 44.0/22

+ sign 0.065 ± 0.014 χ^2/NDF : 51.6/42

All: 0.073 ± 0.010 χ^2/NDF : 110.3/87

- sign 0.081 ± 0.014 χ^2/NDF : 58.1/44

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 29.9/18

Left Out: 0.000 ± 0.001 χ^2/NDF : 23.9/23

Right Out: -0.004 ± 0.001 χ^2/NDF : 29.7/21

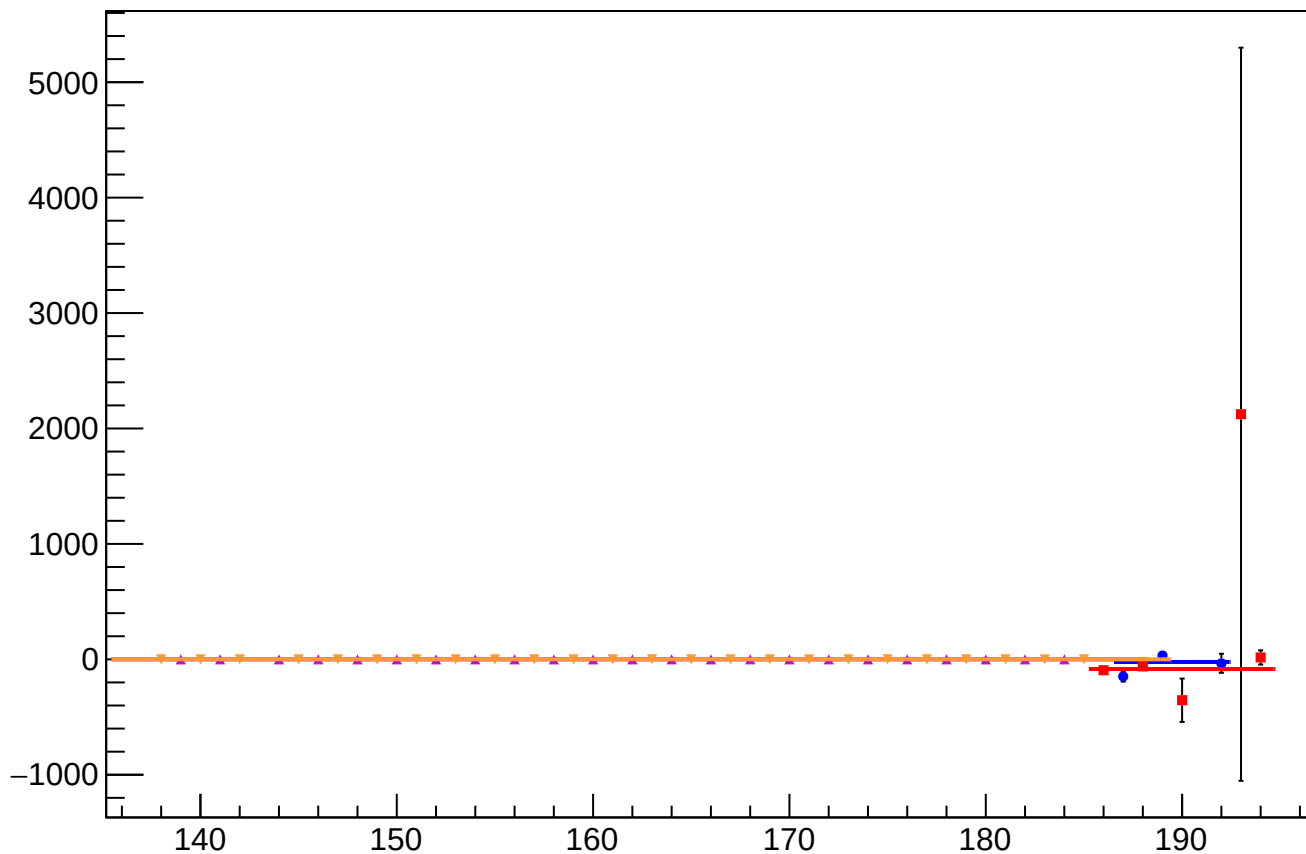
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 66.8/42

All: -0.001 ± 0.000 χ^2/NDF : 126.1/87

- sign -0.001 ± 0.001 χ^2/NDF : 59.3/44

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -22.757 ± 23.268 χ^2/NDF : 11.8/2

Left Out: -0.052 ± 0.018 χ^2/NDF : 37.3/23

Right Out: -84.053 ± 10.304 χ^2/NDF : 7.1/4

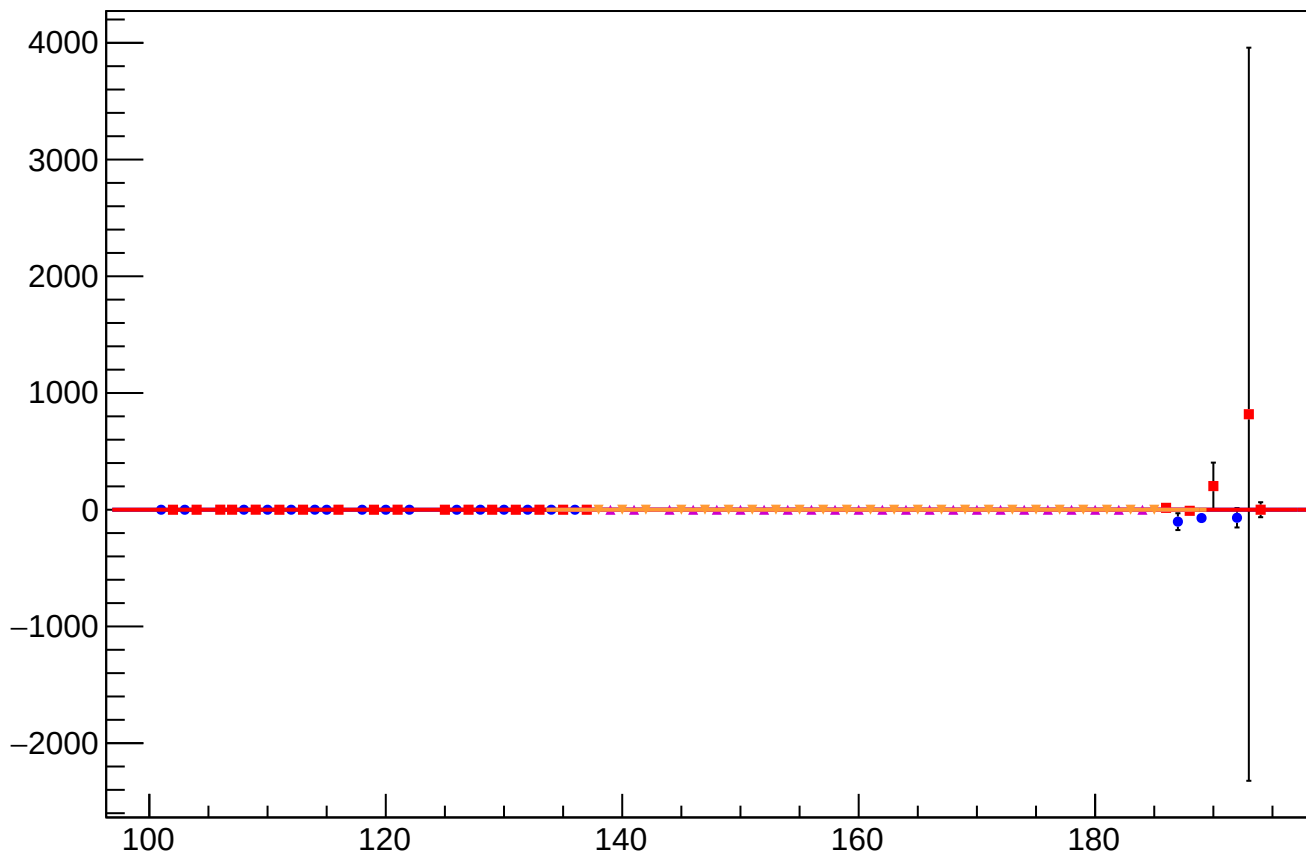
Left In: -0.010 ± 0.018 χ^2/NDF : 33.3/22

+ sign -0.052 ± 0.018 χ^2/NDF : 50.1/26

All: -0.031 ± 0.013 χ^2/NDF : 159.7/54

- sign -0.010 ± 0.018 χ^2/NDF : 106.9/27

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 32.7/18

Left Out: -0.010 $\pm$ 0.014 χ^2 /NDF: 29.5/23

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 29.4/21

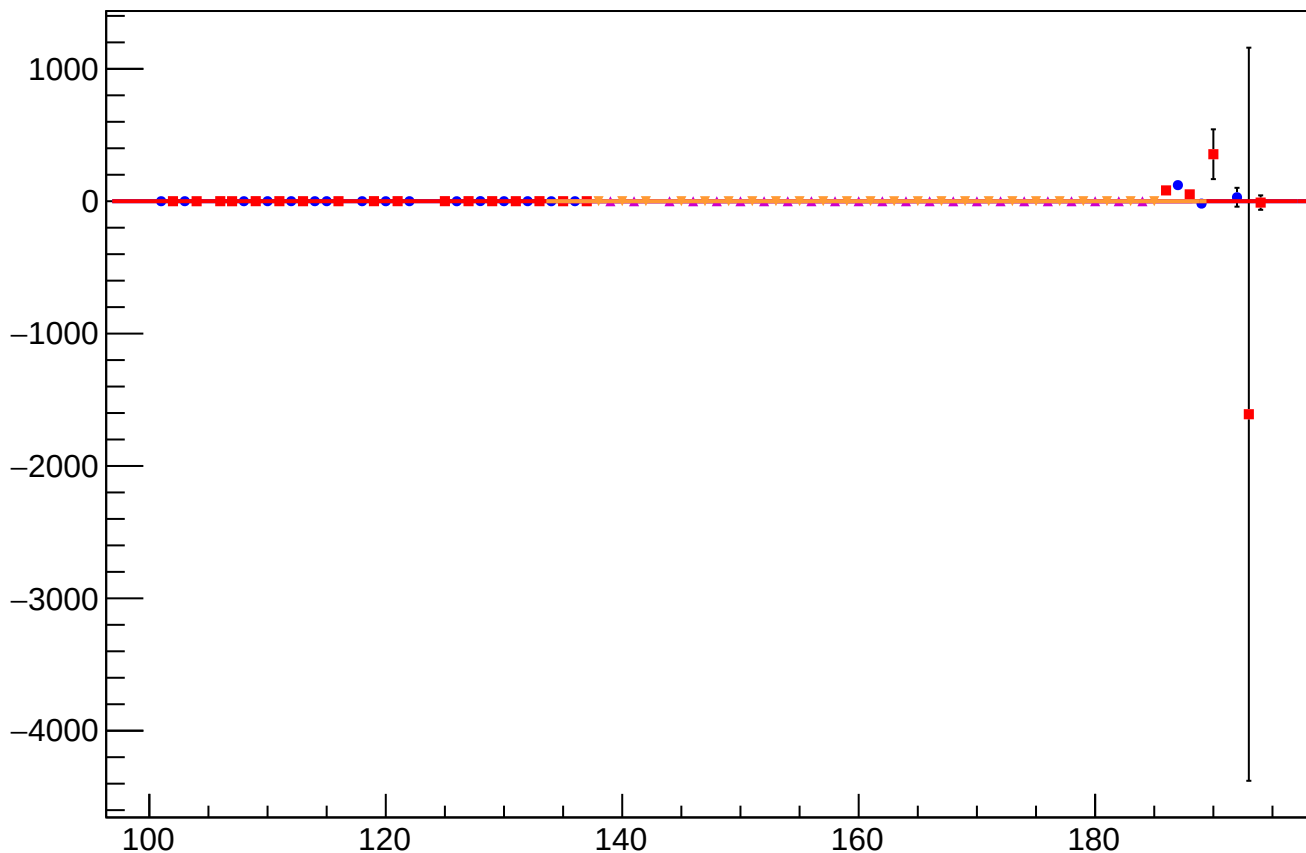
Left In: 0.004 $\pm$ 0.014 χ^2 /NDF: 50.3/22

+ sign -0.005 $\pm$ 0.012 χ^2 /NDF: 62.8/42

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 145.2/87

- sign 0.013 $\pm$ 0.012 χ^2 /NDF: 81.3/44

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 40.7/18

Left Out: 0.048 ± 0.018 χ^2/NDF : 35.4/23

Right Out: 0.204 ± 0.045 χ^2/NDF : 95.3/21

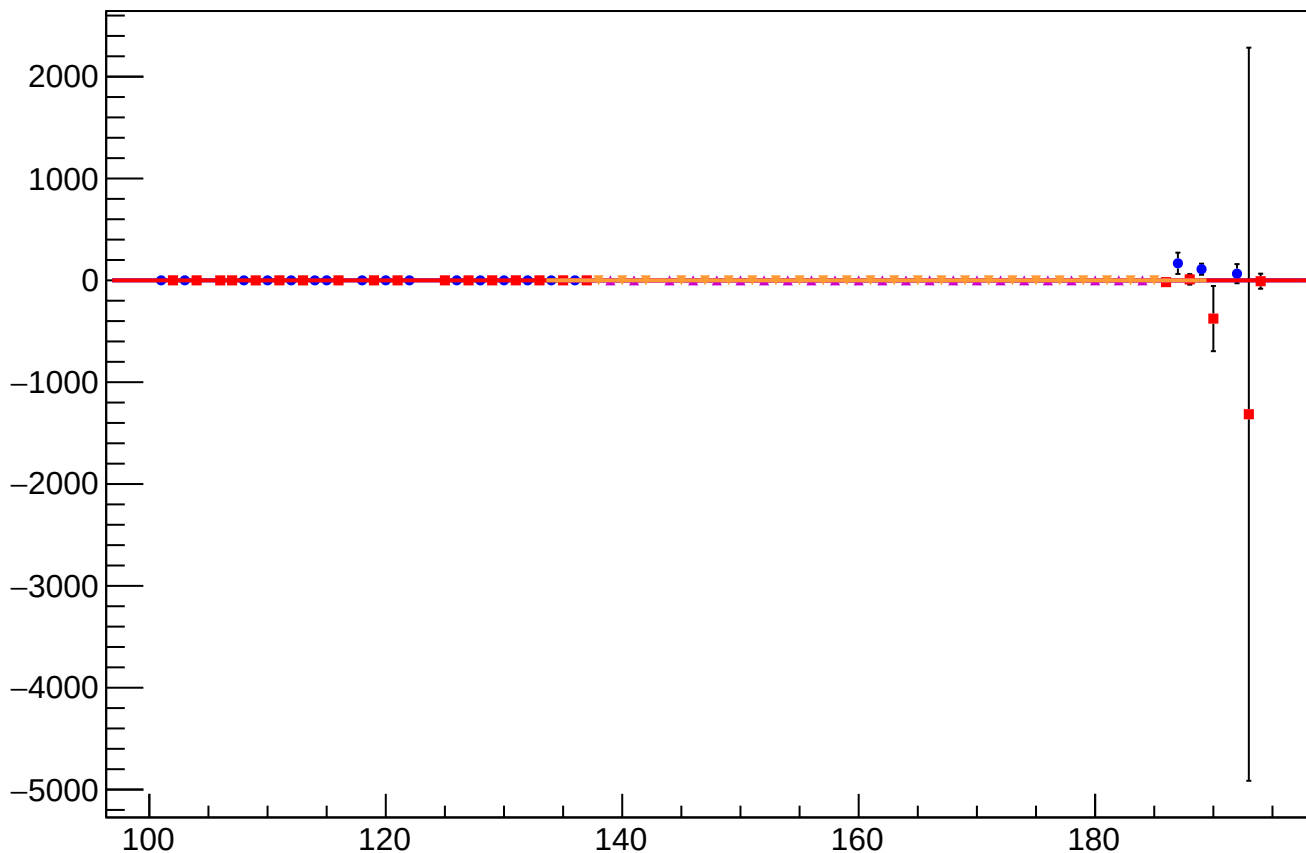
Left In: 0.021 ± 0.018 χ^2/NDF : 34.0/22

+ sign 0.063 ± 0.017 χ^2/NDF : 81.2/42

All: 0.055 ± 0.012 χ^2/NDF : 225.2/87

- sign 0.046 ± 0.017 χ^2/NDF : 143.5/44

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 32.3/18

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.050 ± 0.029 χ^2/NDF : 27.3/21

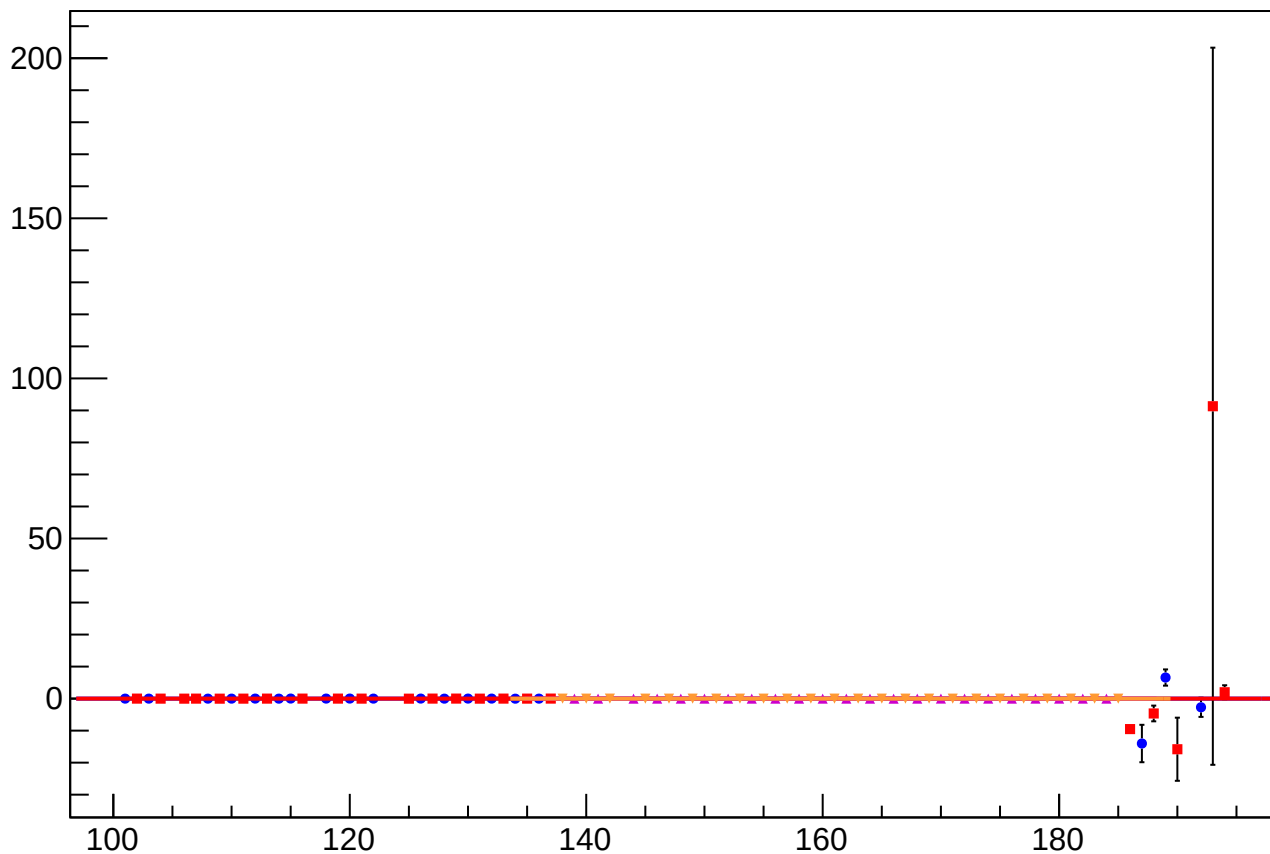
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 66.6/42

All: 0.003 ± 0.010 χ^2/NDF : 148.4/87

- sign -0.007 ± 0.014 χ^2/NDF : 80.9/44

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 42.3/18

Left Out: -0.008 ± 0.001 χ^2/NDF : 31.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 65.4/21

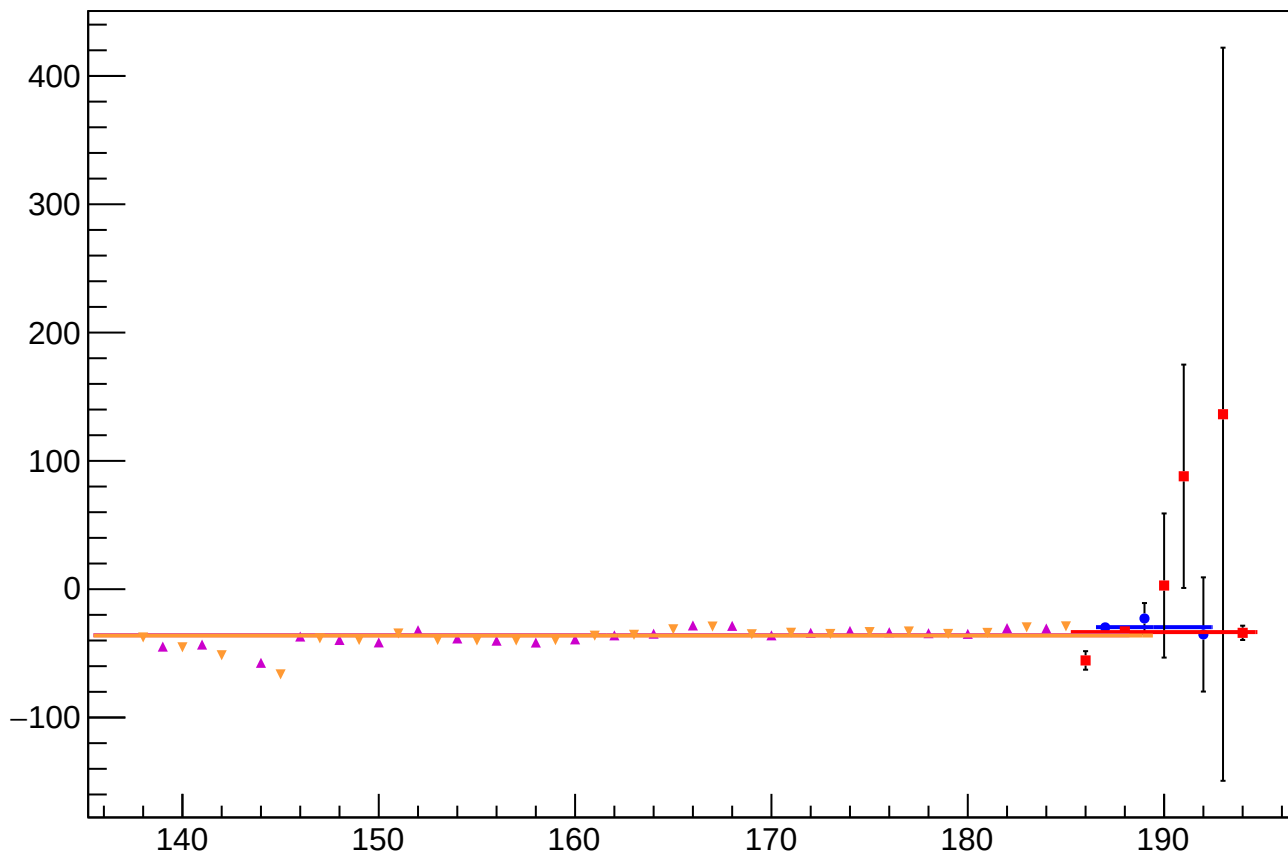
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 76.0/42

All: -0.008 ± 0.000 χ^2/NDF : 183.6/87

- sign -0.008 ± 0.001 χ^2/NDF : 107.3/44

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.593 ± 1.851 $\chi^2/\text{NDF}: 0.3/2$

Left Out: -36.110 ± 0.192 $\chi^2/\text{NDF}: 1118.4/23$

Right Out: -33.436 ± 1.139 $\chi^2/\text{NDF}: 12.3/5$

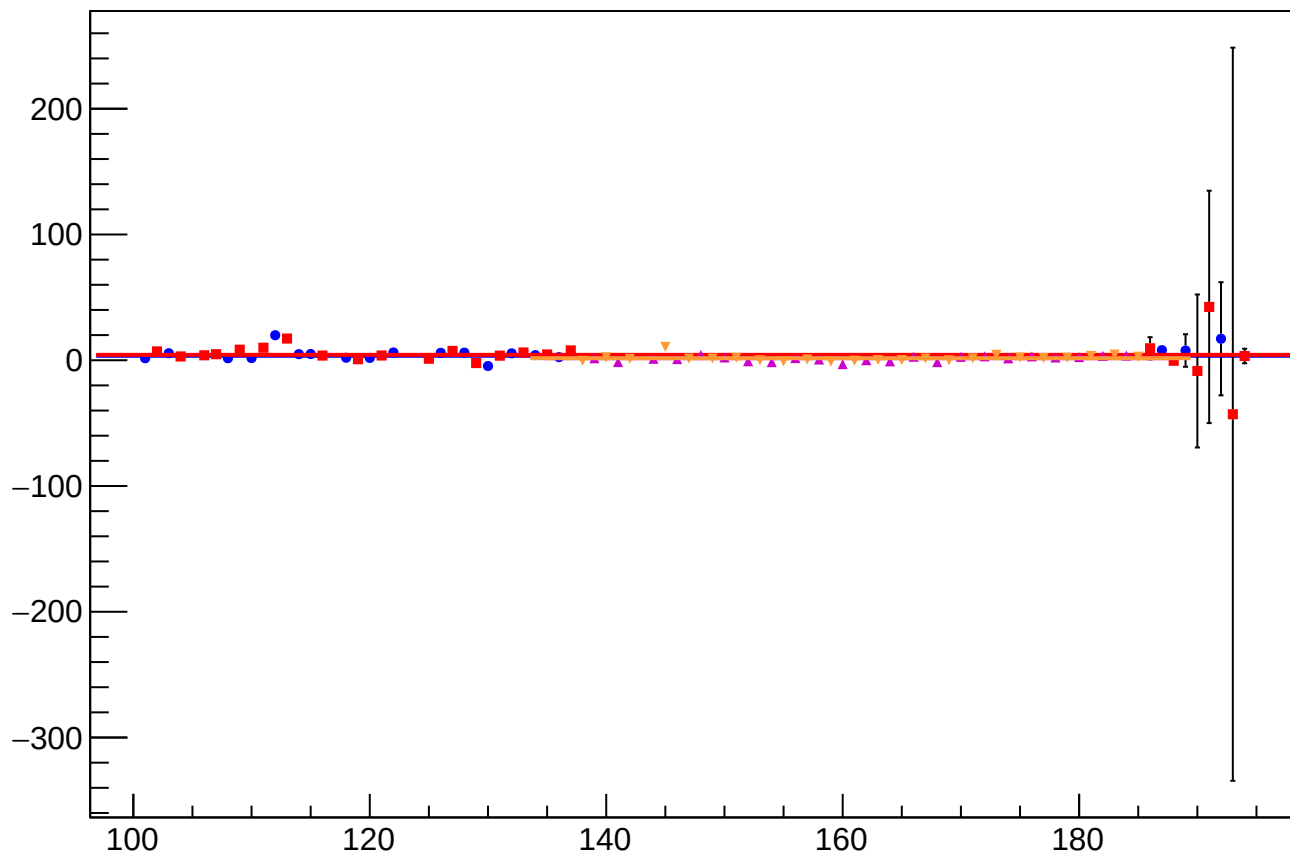
Left In: -35.869 ± 0.191 $\chi^2/\text{NDF}: 887.1/22$

+ sign -36.041 ± 0.191 $\chi^2/\text{NDF}: 1131.0/26$

All: -35.920 ± 0.134 $\chi^2/\text{NDF}: 2035.7/55$

- sign -35.803 ± 0.188 $\chi^2/\text{NDF}: 903.9/28$

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.555 ± 0.217 χ^2/NDF : 449.0/18

Left Out: 1.632 ± 0.148 χ^2/NDF : 166.7/23

Right Out: 4.293 ± 0.224 χ^2/NDF : 357.8/22

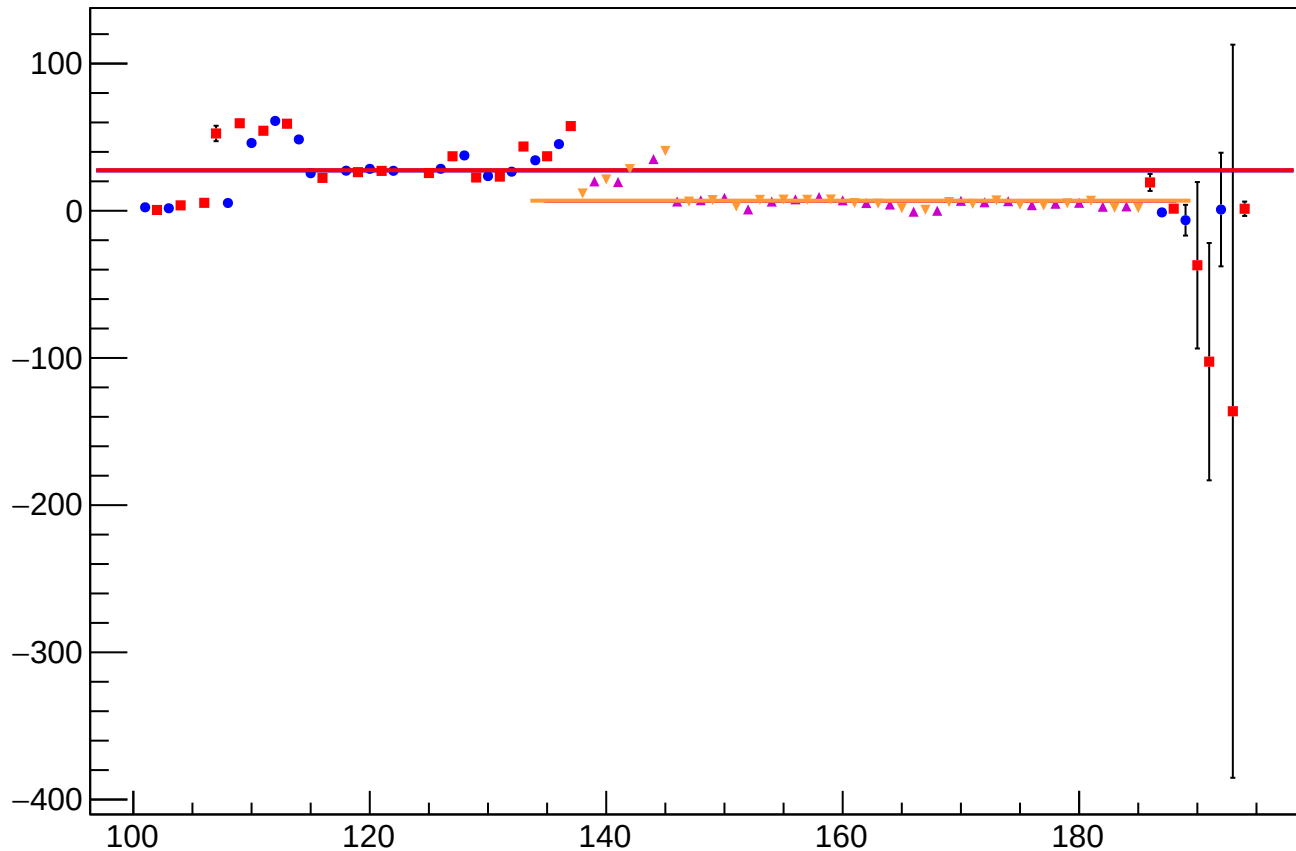
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.242 ± 0.122 χ^2/NDF : 669.4/42

All: 2.349 ± 0.087 χ^2/NDF : 1289.8/88

- sign 2.461 ± 0.124 χ^2/NDF : 618.8/45

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 27.392 $\pm$ 0.402 χ^2 /NDF: 1874.5/18

Left Out: 6.855 $\pm$ 0.191 χ^2 /NDF:1298.7/23

Right Out: 27.548 $\pm$ 0.385 χ^2 /NDF: 2570.8/22

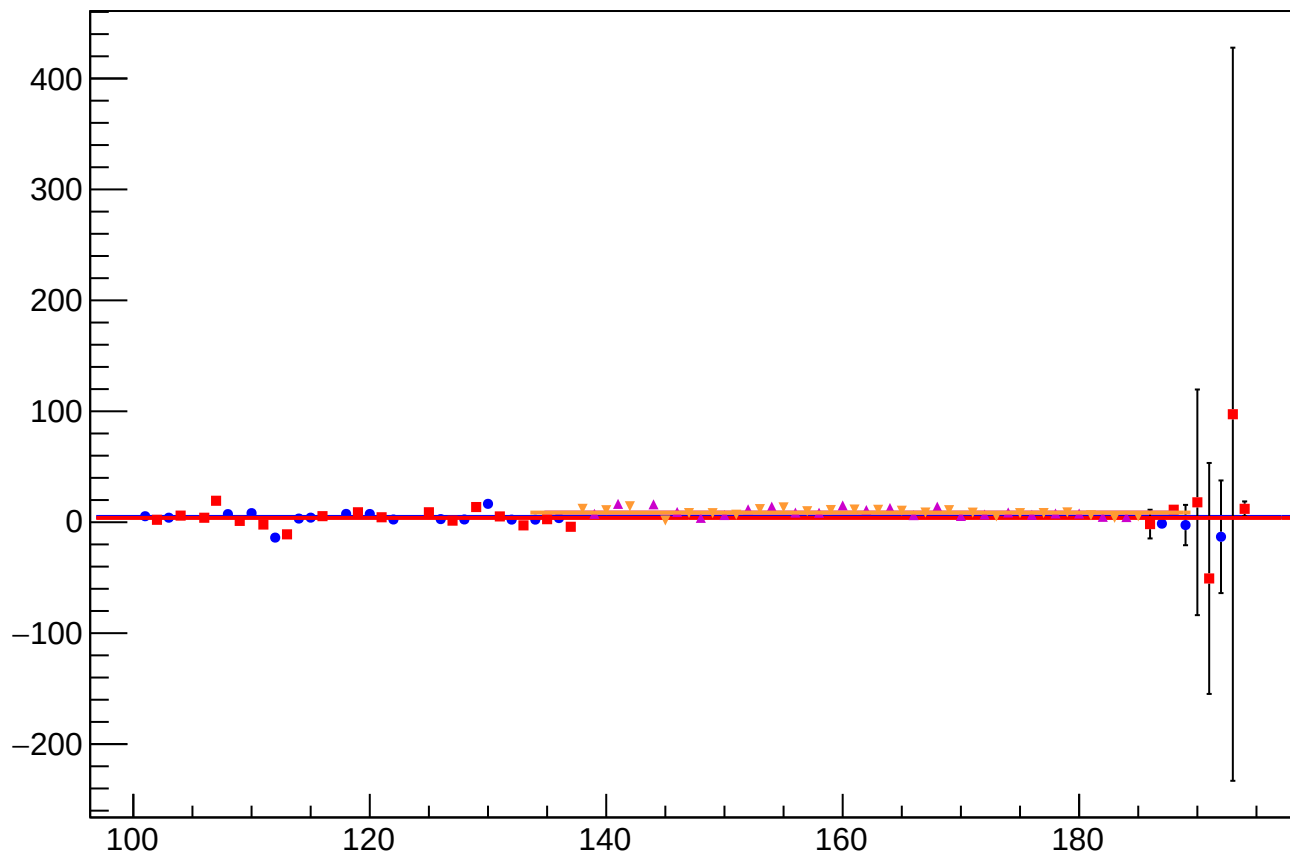
Left In: 6.639 $\pm$ 0.190 χ^2 /NDF:1077.2/22

+ sign 10.650 $\pm$ 0.173 χ^2 /NDF: 5301.2/42

All: 10.689 $\pm$ 0.121 χ^2 /NDF: 11323.4/88

- sign 10.728 $\pm$ 0.170 χ^2 /NDF: 6022.1/45

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.767 ± 0.251 $\chi^2/\text{NDF}: 556.1/18$

Left Out: 8.697 ± 0.169 $\chi^2/\text{NDF}: 241.1/23$

Right Out: 3.890 ± 0.258 $\chi^2/\text{NDF}: 575.5/22$

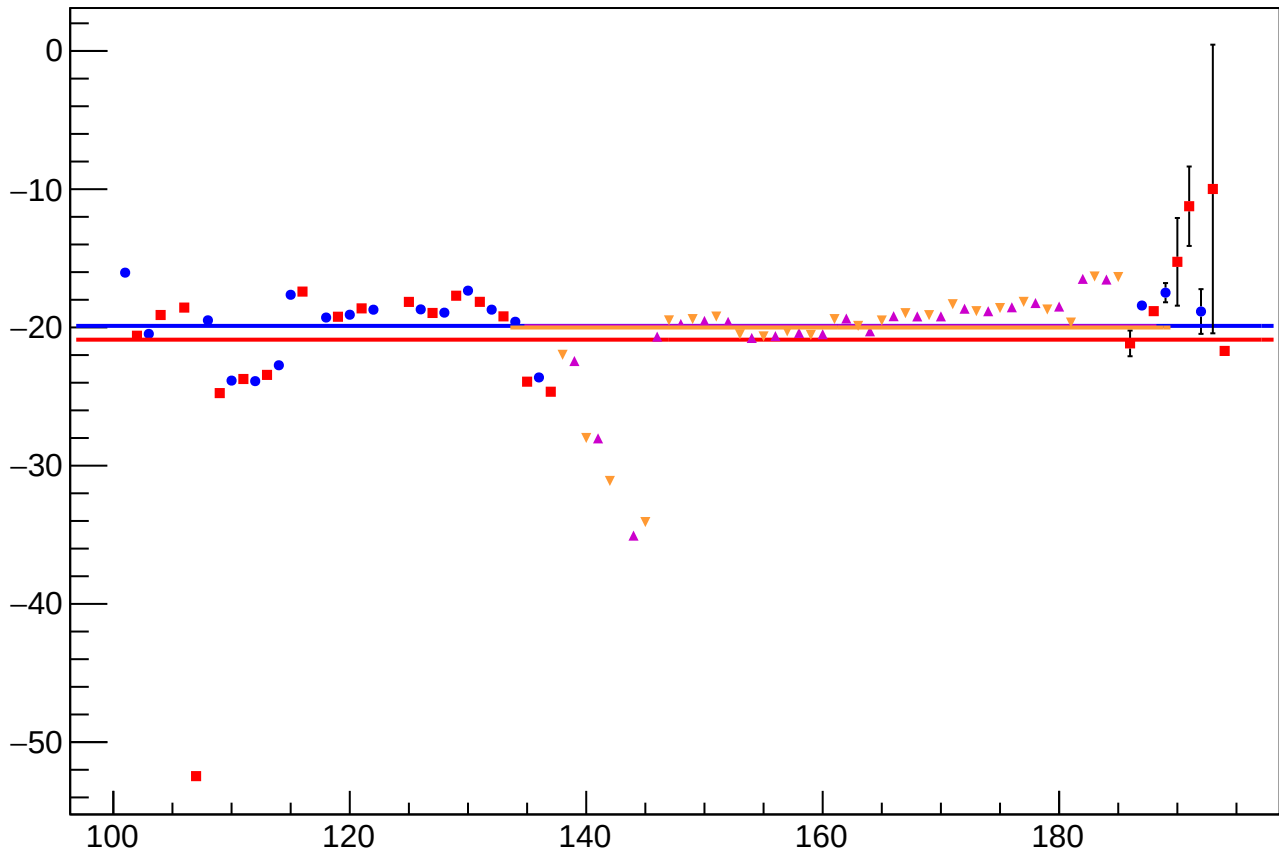
Left In: 8.659 ± 0.170 $\chi^2/\text{NDF}: 438.0/22$

+ sign 7.470 ± 0.140 $\chi^2/\text{NDF}: 966.1/42$

All: 7.345 ± 0.100 $\chi^2/\text{NDF}: 2220.2/88$

- sign 7.216 ± 0.142 $\chi^2/\text{NDF}: 1252.5/45$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.888 ± 0.016 χ^2/NDF : 26121.3/18

Left Out: -20.007 ± 0.008 χ^2/NDF : 171647.2/23

Right Out: -20.885 ± 0.016 χ^2/NDF : 92981.0/22

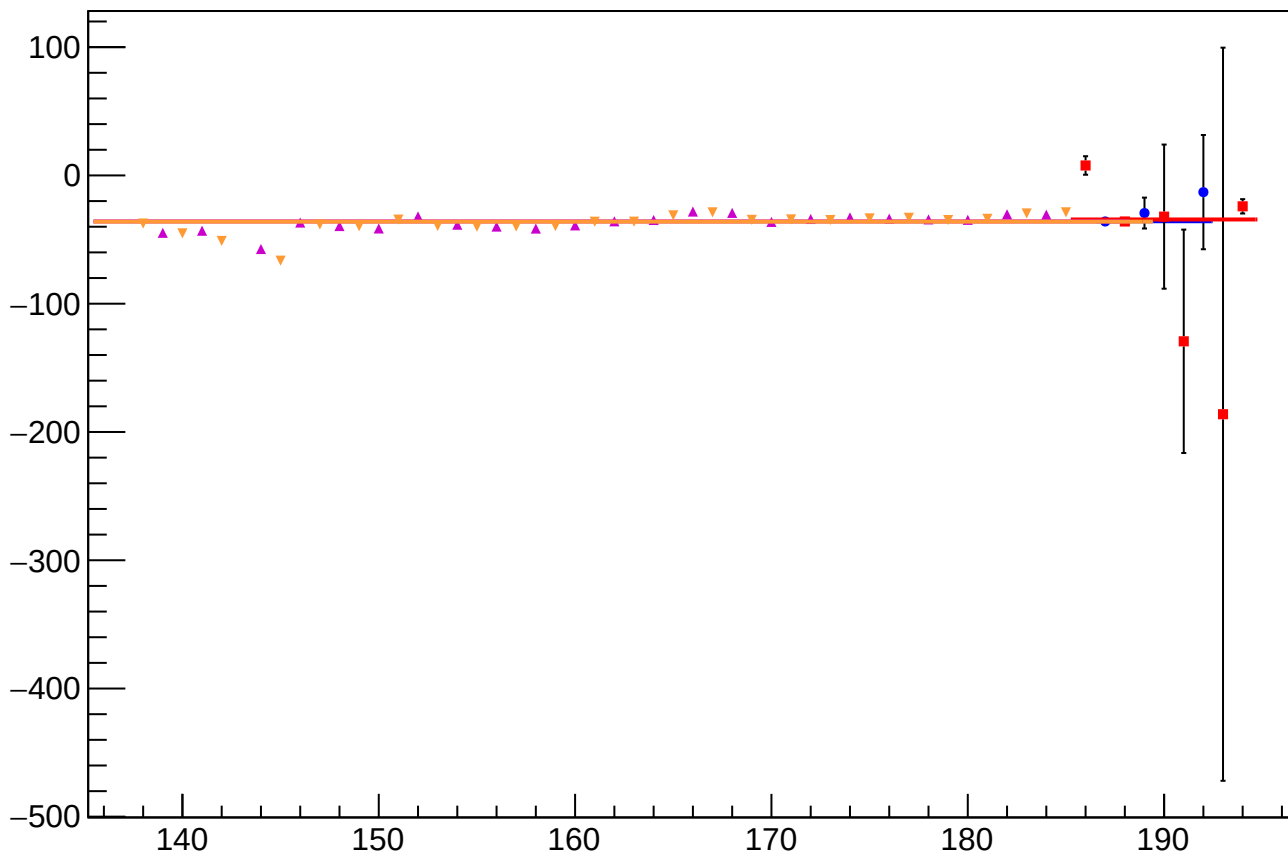
Left In: -19.912 ± 0.008 χ^2/NDF : 145487.3/22

+ sign -19.982 ± 0.007 χ^2/NDF : 197815.0/42

All: -20.045 ± 0.005 χ^2/NDF : 439556.4/88

- sign -20.108 ± 0.007 χ^2/NDF : 241582.4/45

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -35.709 ± 1.857 $\chi^2/\text{NDF}: 0.6/2$

Left Out: -36.019 ± 0.192 $\chi^2/\text{NDF}: 1125.4/23$

Right Out: -34.335 ± 1.142 $\chi^2/\text{NDF}: 40.6/5$

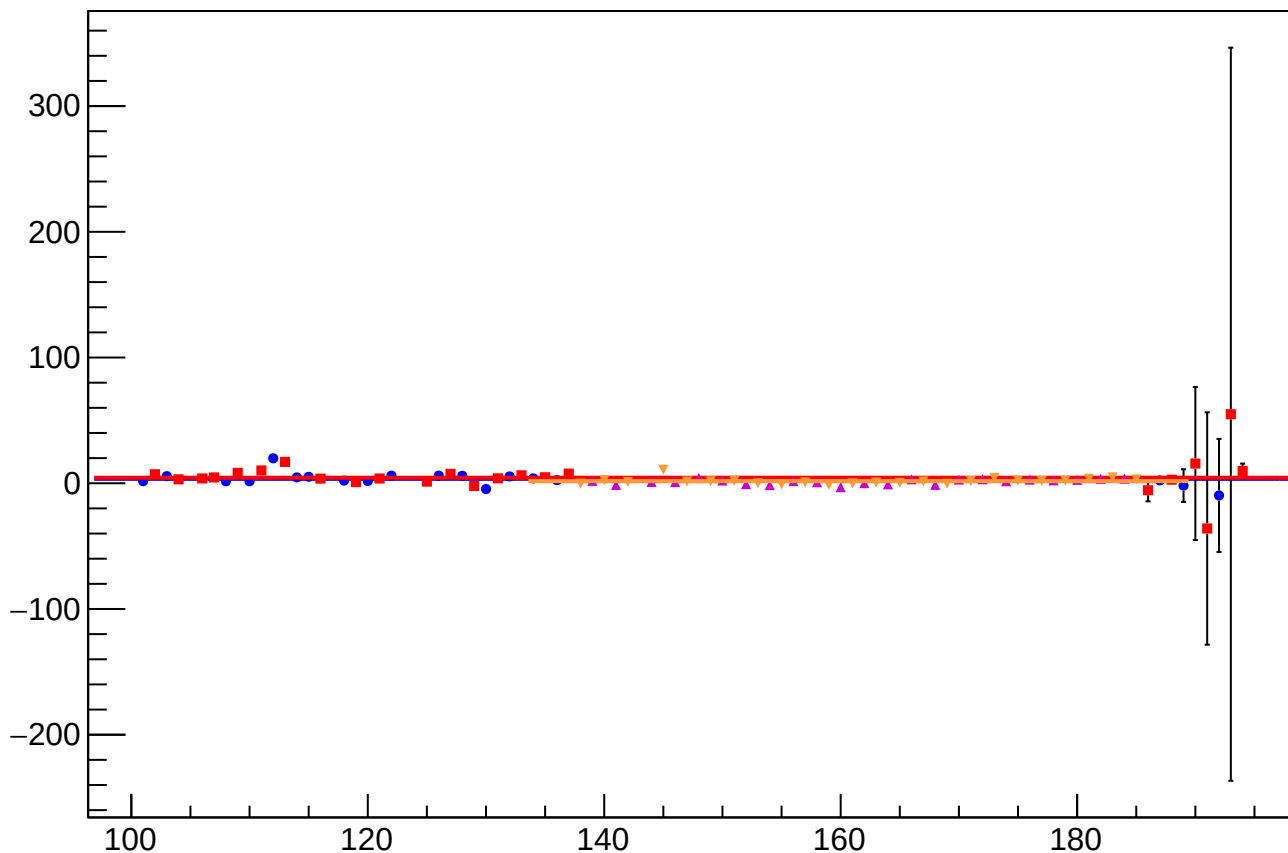
Left In: -35.856 ± 0.191 $\chi^2/\text{NDF}: 875.9/22$

+ sign -36.015 ± 0.191 $\chi^2/\text{NDF}: 1126.0/26$

All: -35.914 ± 0.134 $\chi^2/\text{NDF}: 2044.8/55$

- sign -35.815 ± 0.188 $\chi^2/\text{NDF}: 918.2/28$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.524 ± 0.217 χ^2/NDF : 443.7/18

Left Out: 1.721 ± 0.148 χ^2/NDF : 168.3/23

Right Out: 4.407 ± 0.223 χ^2/NDF : 346.7/22

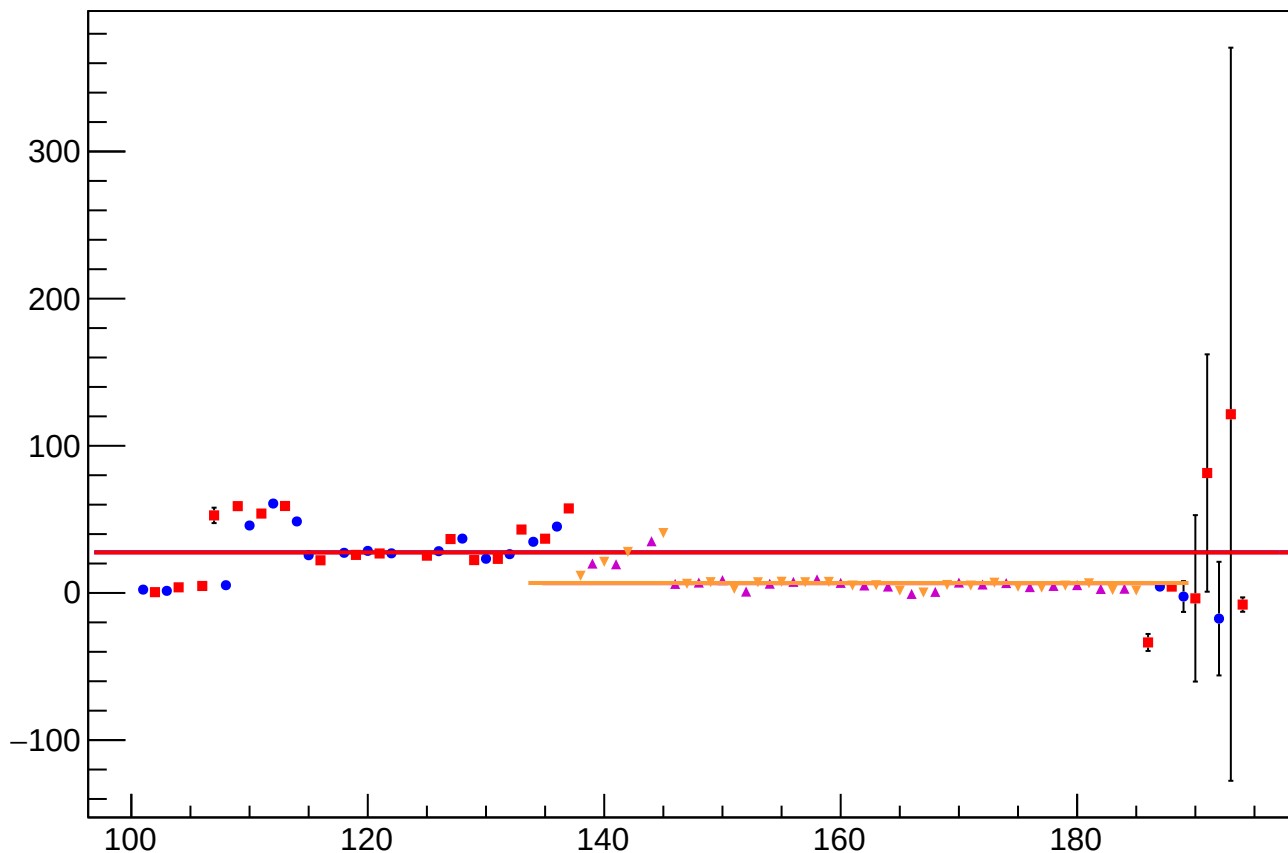
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.293 ± 0.122 χ^2/NDF : 659.3/42

All: 2.415 ± 0.087 χ^2/NDF : 1272.7/88

- sign 2.542 ± 0.124 χ^2/NDF : 611.4/45

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 27.624 ± 0.402 χ^2/NDF : 1742.9/18

Left Out: 6.767 ± 0.191 χ^2/NDF : 1301.2/23

Right Out: 27.541 ± 0.385 χ^2/NDF : 2517.6/22

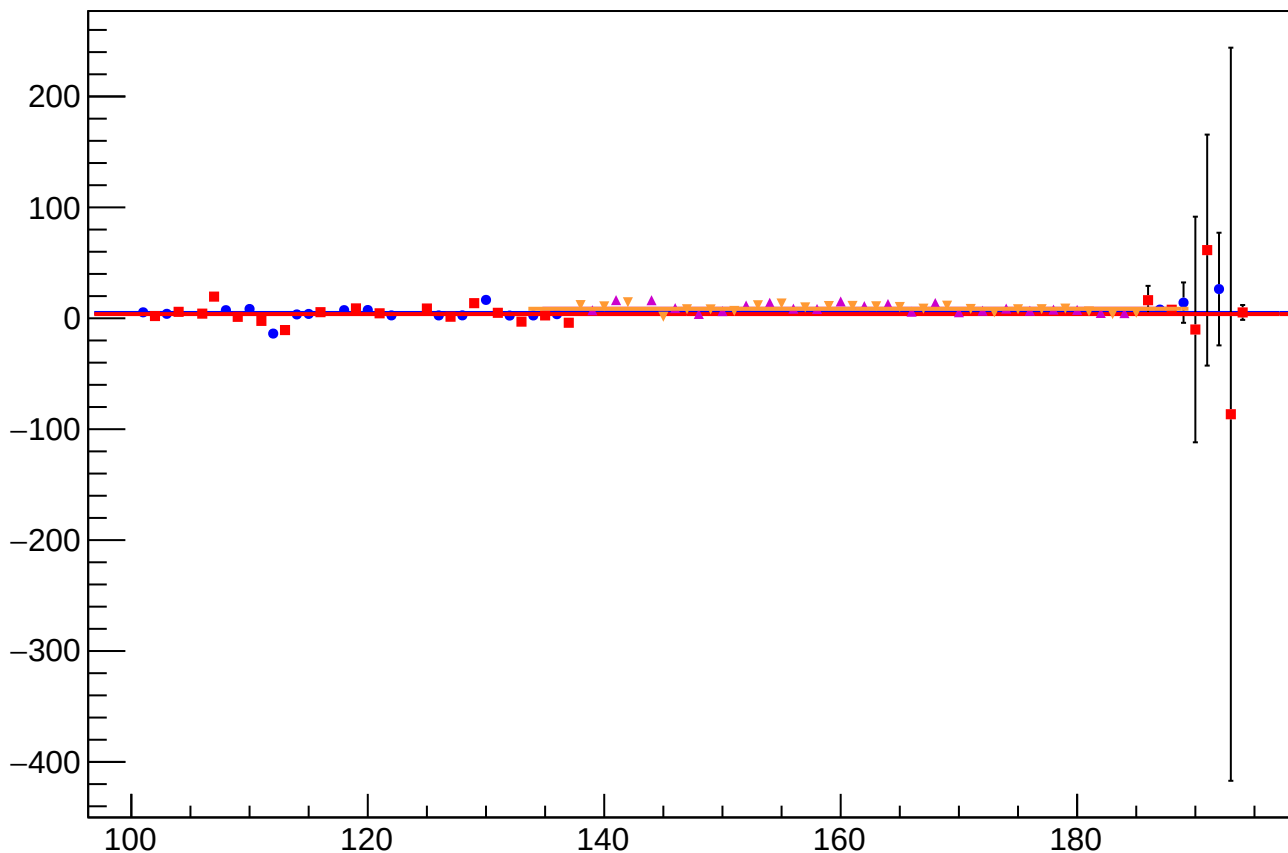
Left In: 6.635 ± 0.190 χ^2/NDF : 1070.4/22

+ sign 10.619 ± 0.173 χ^2/NDF : 5240.6/42

All: 10.670 ± 0.121 χ^2/NDF : 11203.3/88

- sign 10.720 ± 0.170 χ^2/NDF : 5962.6/45

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.806 ± 0.251 $\chi^2/\text{NDF}: 550.9/18$

Left Out: 8.588 ± 0.169 $\chi^2/\text{NDF}: 245.6/23$

Right Out: 3.785 ± 0.257 $\chi^2/\text{NDF}: 566.2/22$

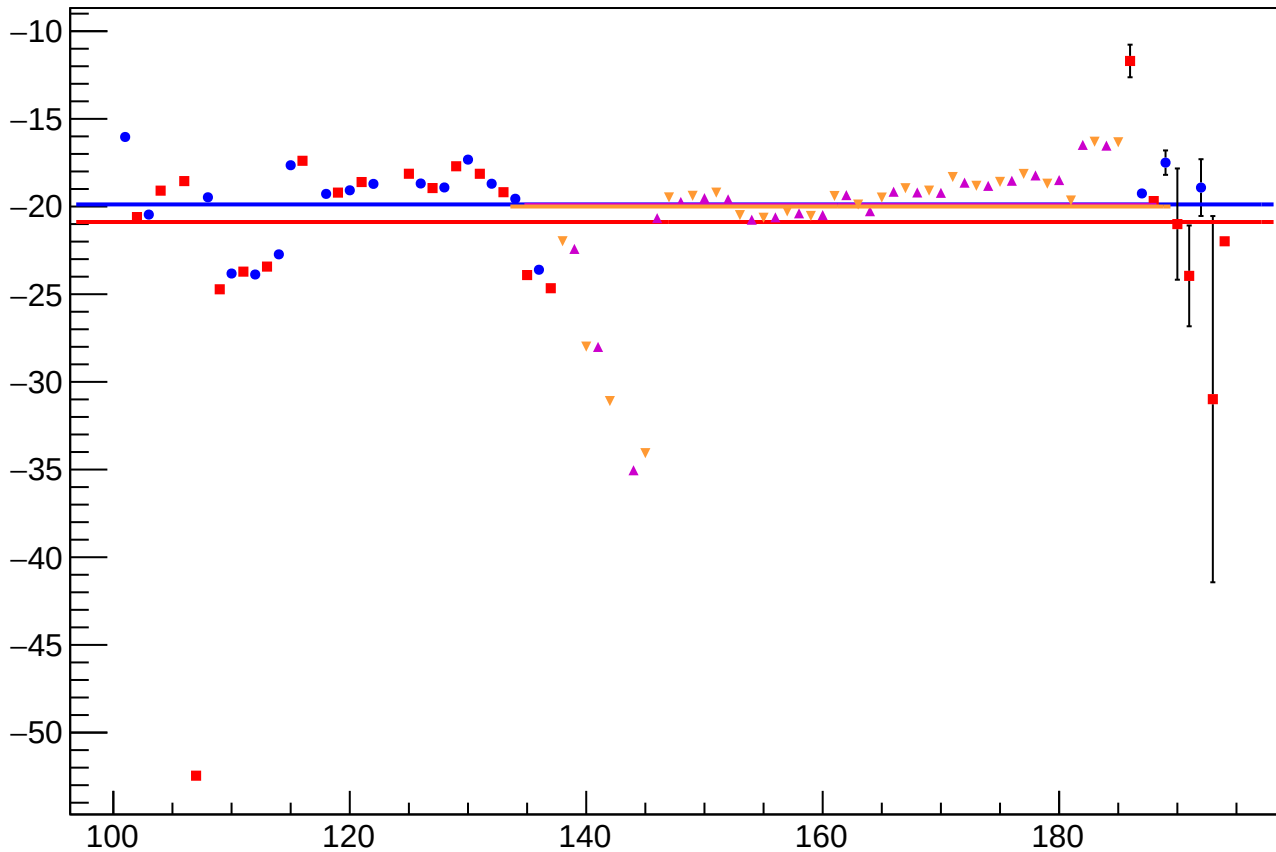
Left In: 8.573 ± 0.170 $\chi^2/\text{NDF}: 443.4/22$

+ sign 7.408 ± 0.140 $\chi^2/\text{NDF}: 953.2/42$

All: 7.267 ± 0.100 $\chi^2/\text{NDF}: 2206.0/88$

- sign 7.124 ± 0.142 $\chi^2/\text{NDF}: 1250.8/45$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.880 ± 0.016 χ^2/NDF : 26081.9/18

Left Out: -19.999 ± 0.008 χ^2/NDF : 171834.0/23

Right Out: -20.882 ± 0.016 χ^2/NDF : 93057.4/22

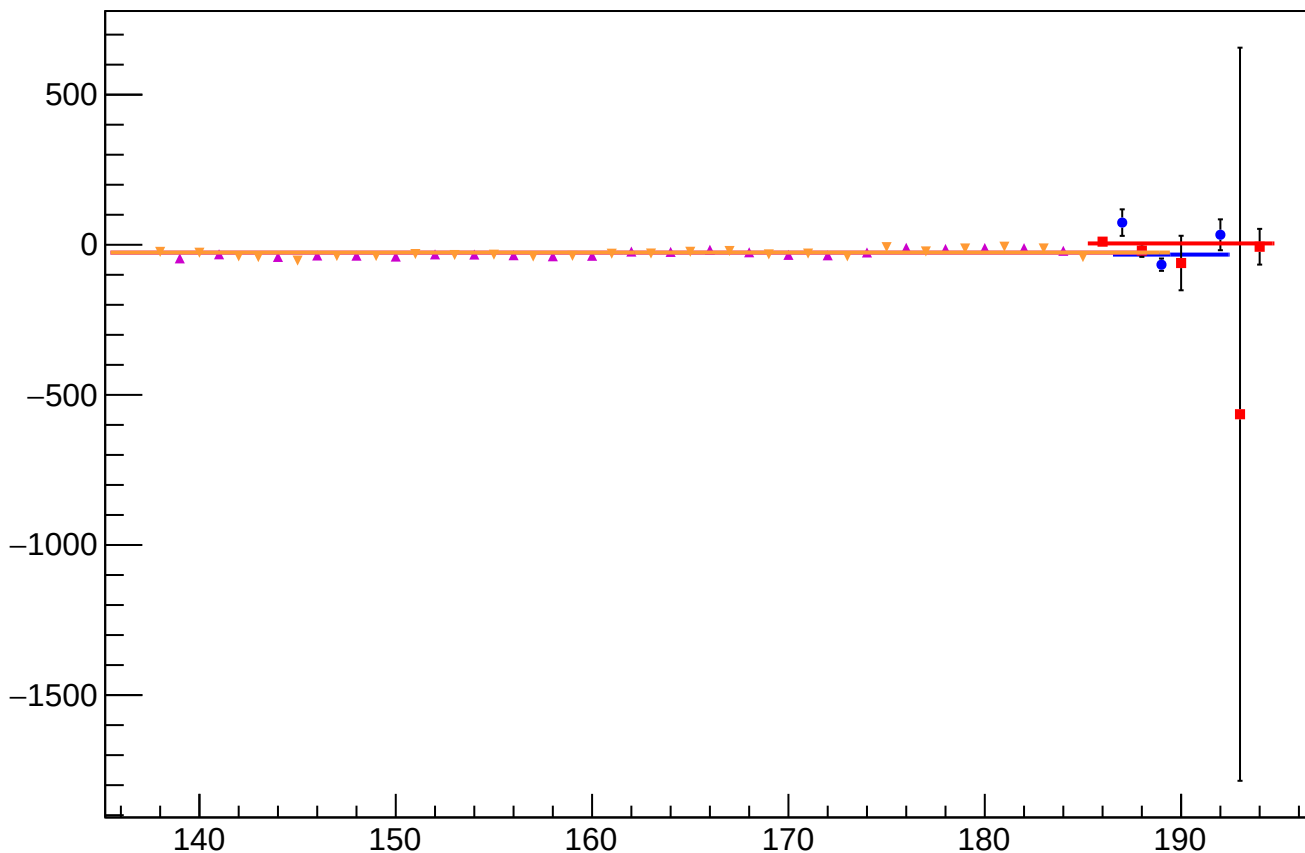
Left In: -19.905 ± 0.008 χ^2/NDF : 145346.7/22

+ sign -19.975 ± 0.007 χ^2/NDF : 197963.1/42

All: -20.038 ± 0.005 χ^2/NDF : 439675.3/88

- sign -20.101 ± 0.007 χ^2/NDF : 241550.0/45

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -32.695 ± 17.515 χ^2/NDF : 10.1/2

Left Out: -25.804 ± 0.192 χ^2/NDF : 4127.8/24

Right Out: 4.479 ± 8.479 χ^2/NDF : 2.5/4

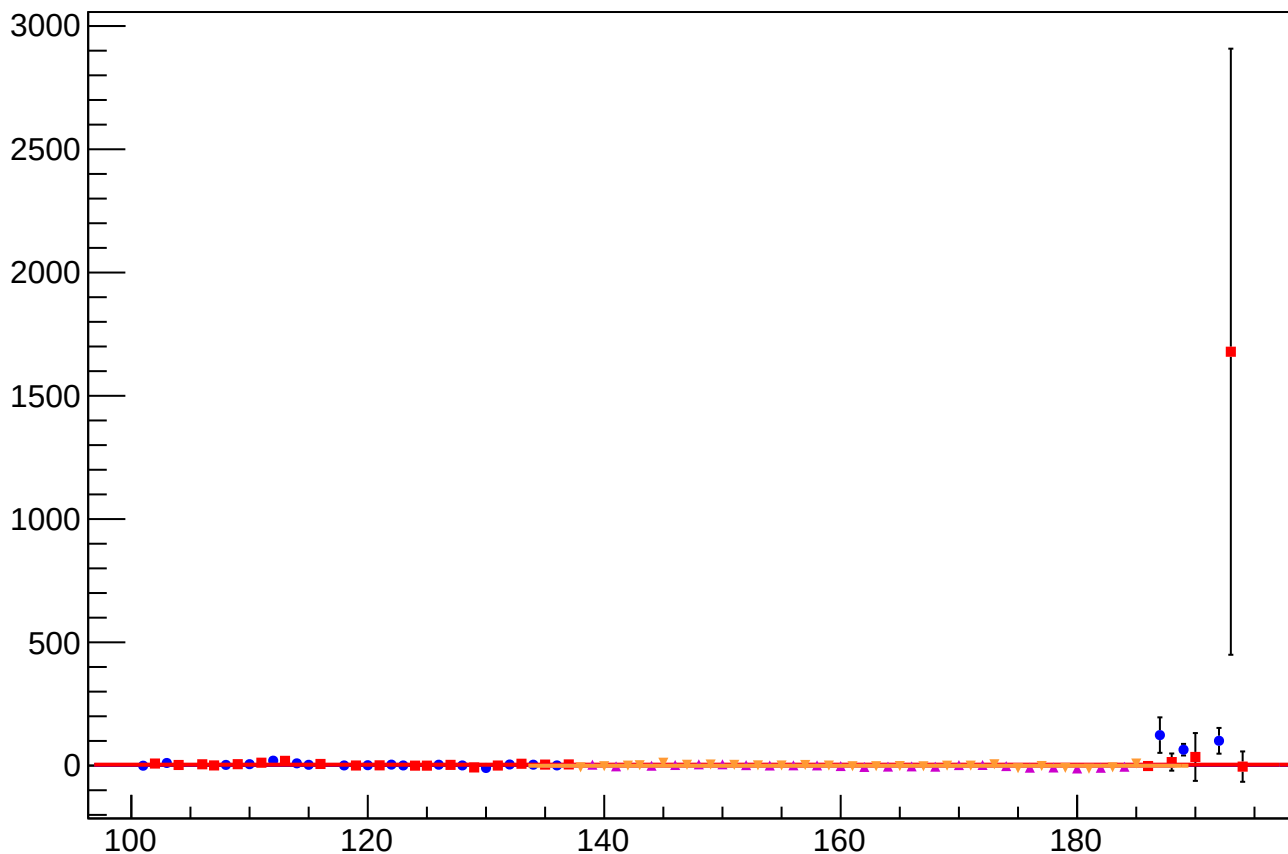
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign -25.805 ± 0.192 χ^2/NDF : 4138.1/27

All: -25.995 ± 0.137 χ^2/NDF : 7533.4/55

- sign -26.188 ± 0.194 χ^2/NDF : 3393.3/27

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.460 ± 0.311 χ^2/NDF : 308.6/19

Left Out: -0.681 ± 0.147 χ^2/NDF : 1314.3/24

Right Out: 3.723 ± 0.327 χ^2/NDF : 271.4/22

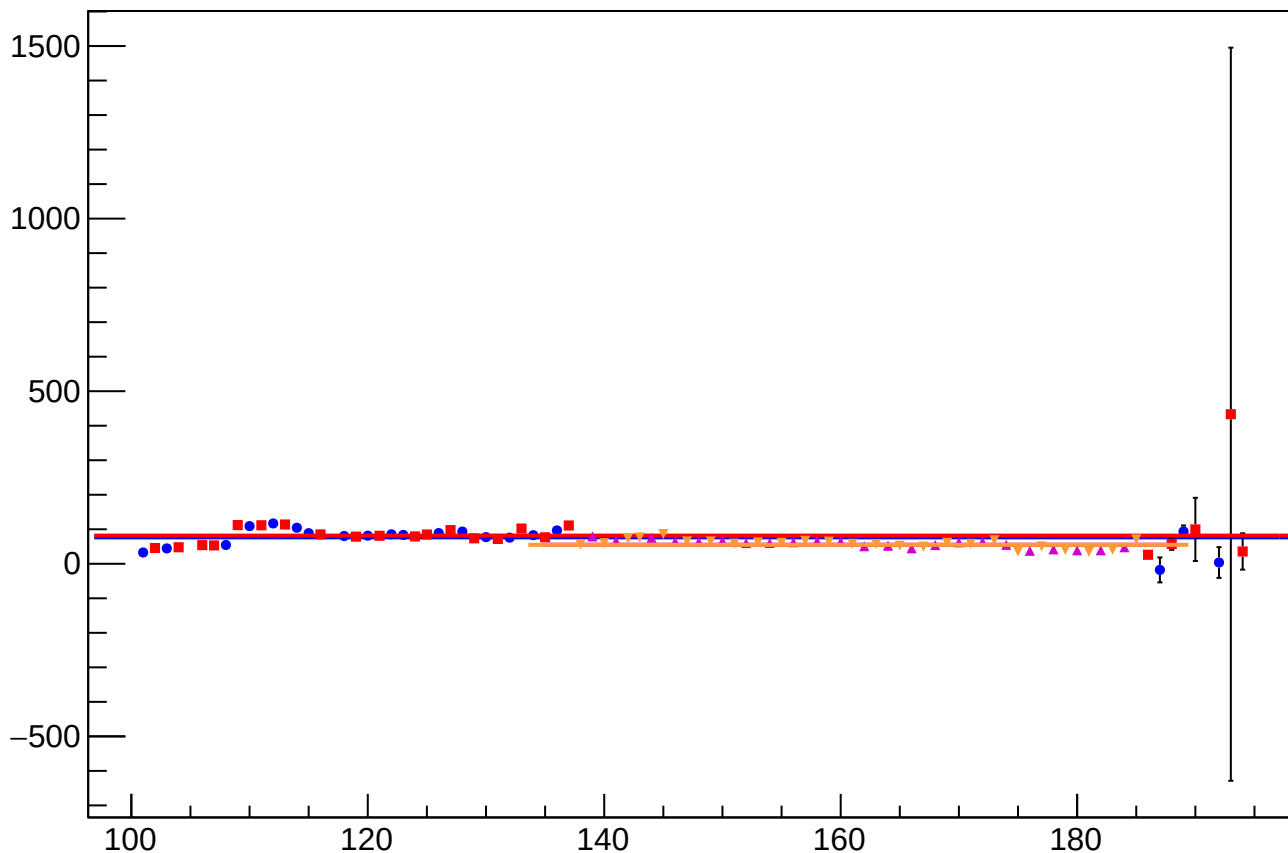
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.110 ± 0.133 χ^2/NDF : 1706.4/44

All: -0.079 ± 0.095 χ^2/NDF : 3210.6/90

- sign -0.047 ± 0.136 χ^2/NDF : 1504.1/45

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.555 $\pm$ 0.573 χ^2 /NDF: 2264.0/19

Left Out: 55.000 $\pm$ 0.192 χ^2 /NDF: 4524.8/24

Right Out: 81.702 $\pm$ 0.591 χ^2 /NDF: 1604.9/22

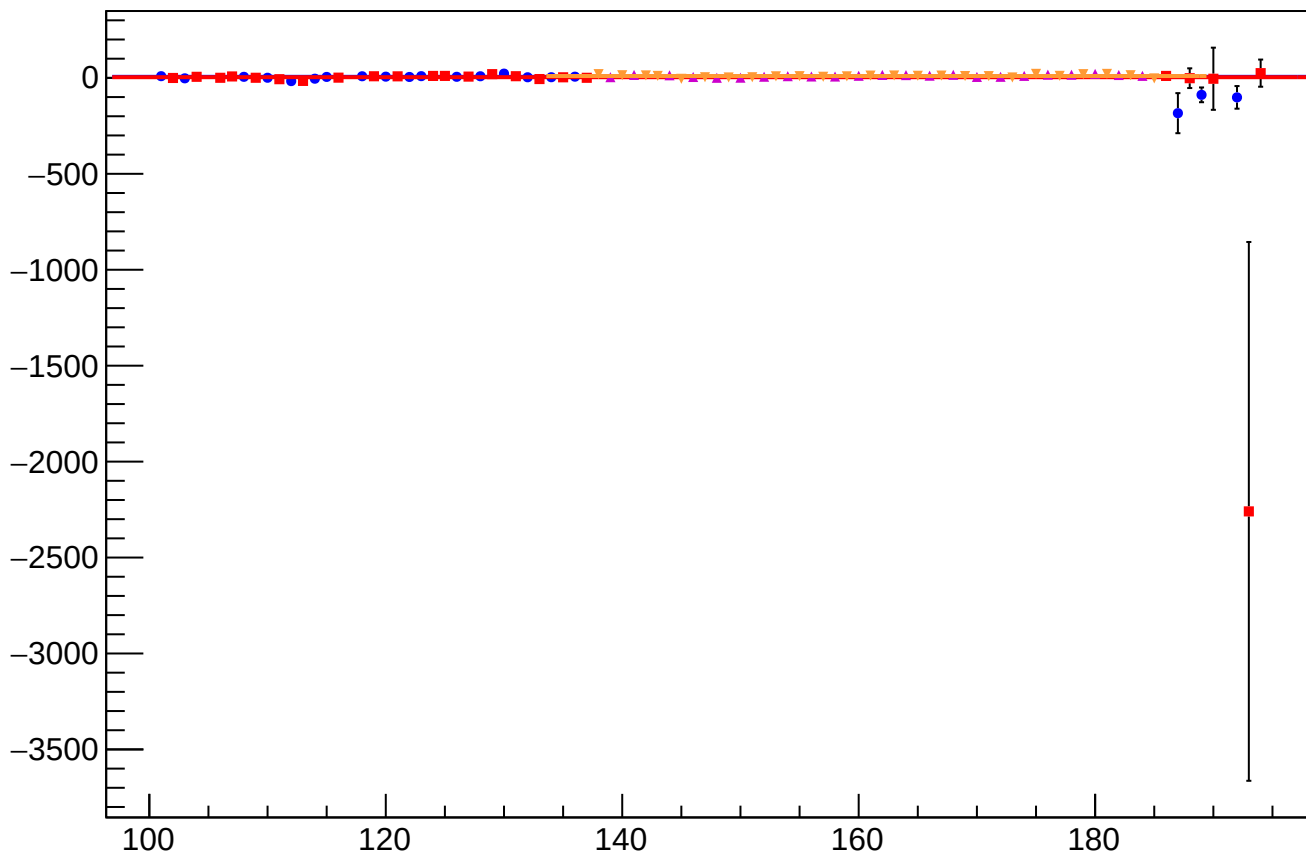
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.173 $\pm$ 0.182 χ^2 /NDF: 8061.9/44

All: 57.472 $\pm$ 0.129 χ^2 /NDF: 15313.6/90

- sign 57.775 $\pm$ 0.183 χ^2 /NDF: 7246.3/45

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.428 ± 0.357 χ^2/NDF : 400.0/19

Left Out: 9.750 ± 0.168 χ^2/NDF : 1449.2/24

Right Out: 3.583 ± 0.375 χ^2/NDF : 425.9/22

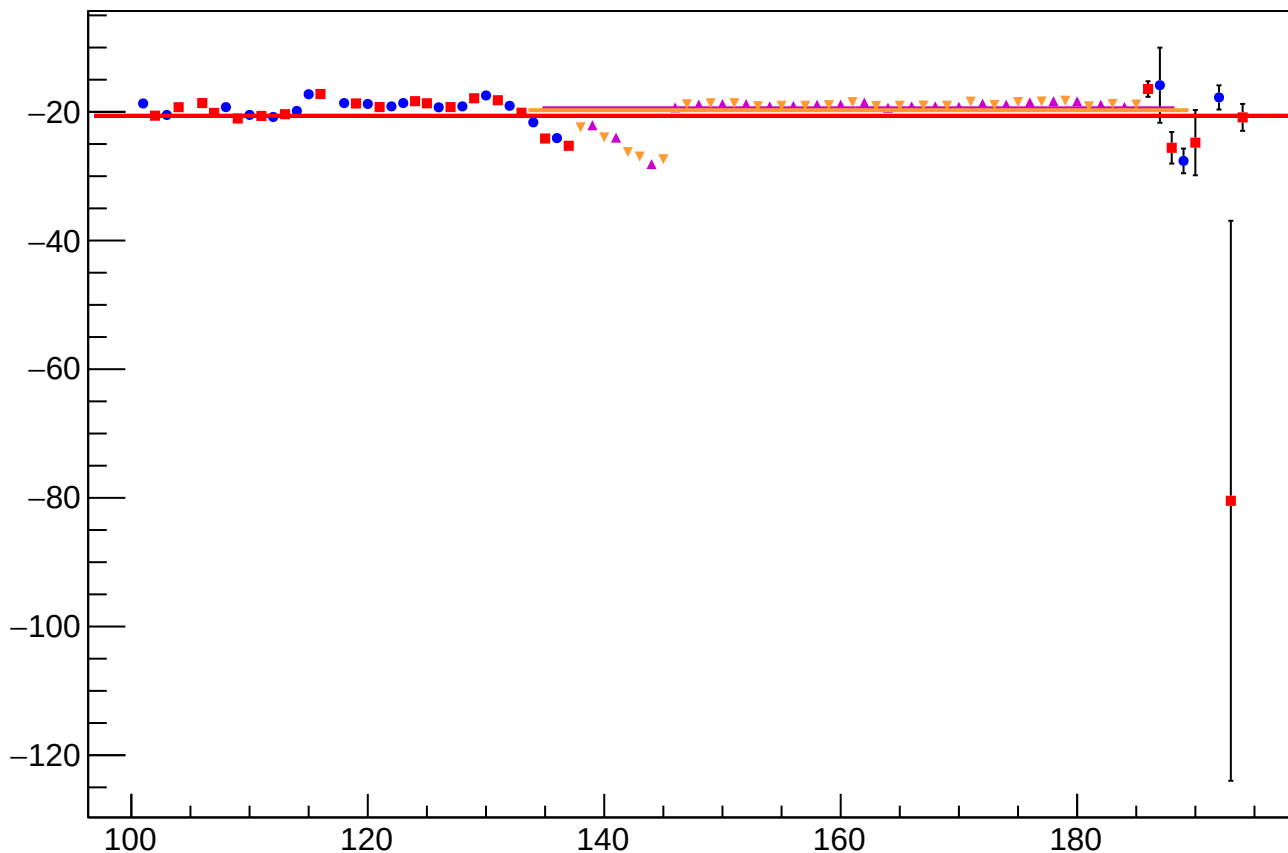
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.966 ± 0.152 χ^2/NDF : 1969.0/44

All: 8.840 ± 0.109 χ^2/NDF : 3787.1/90

- sign 8.708 ± 0.156 χ^2/NDF : 1816.7/45

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12506.8/19$

Left Out: -19.738 ± 0.008 $\chi^2/\text{NDF}: 88495.2/24$

Right Out: -20.602 ± 0.019 $\chi^2/\text{NDF}: 11969.6/22$

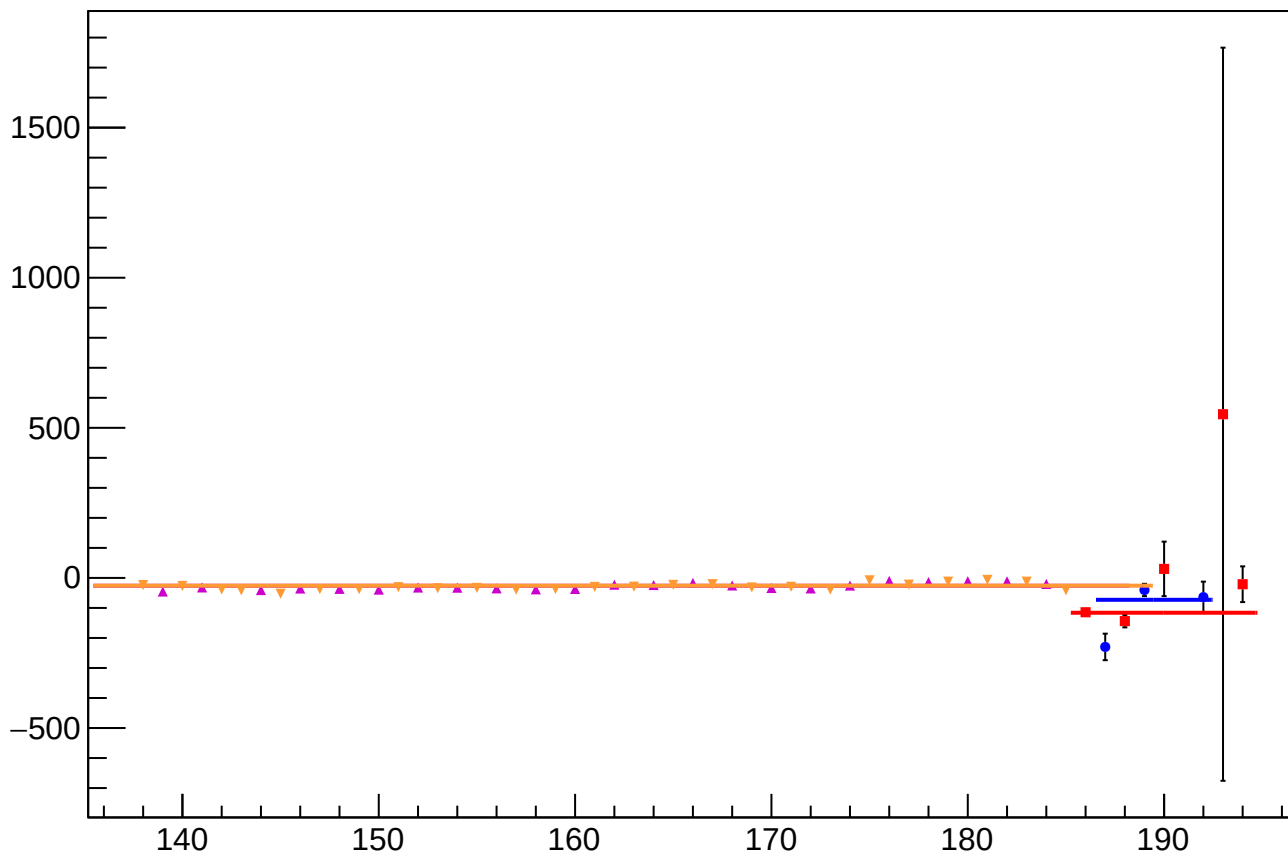
Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

+ sign -19.867 ± 0.007 $\chi^2/\text{NDF}: 102837.3/44$

All: -19.740 ± 0.005 $\chi^2/\text{NDF}: 172469.4/90$

- sign -19.612 ± 0.007 $\chi^2/\text{NDF}: 69026.6/45$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -72.882 ± 17.530 $\chi^2/\text{NDF}: 15.2/2$

Left Out: -25.814 ± 0.192 $\chi^2/\text{NDF}: 4094.6/24$

Right Out: -116.036 ± 8.485 $\chi^2/\text{NDF}: 7.2/4$

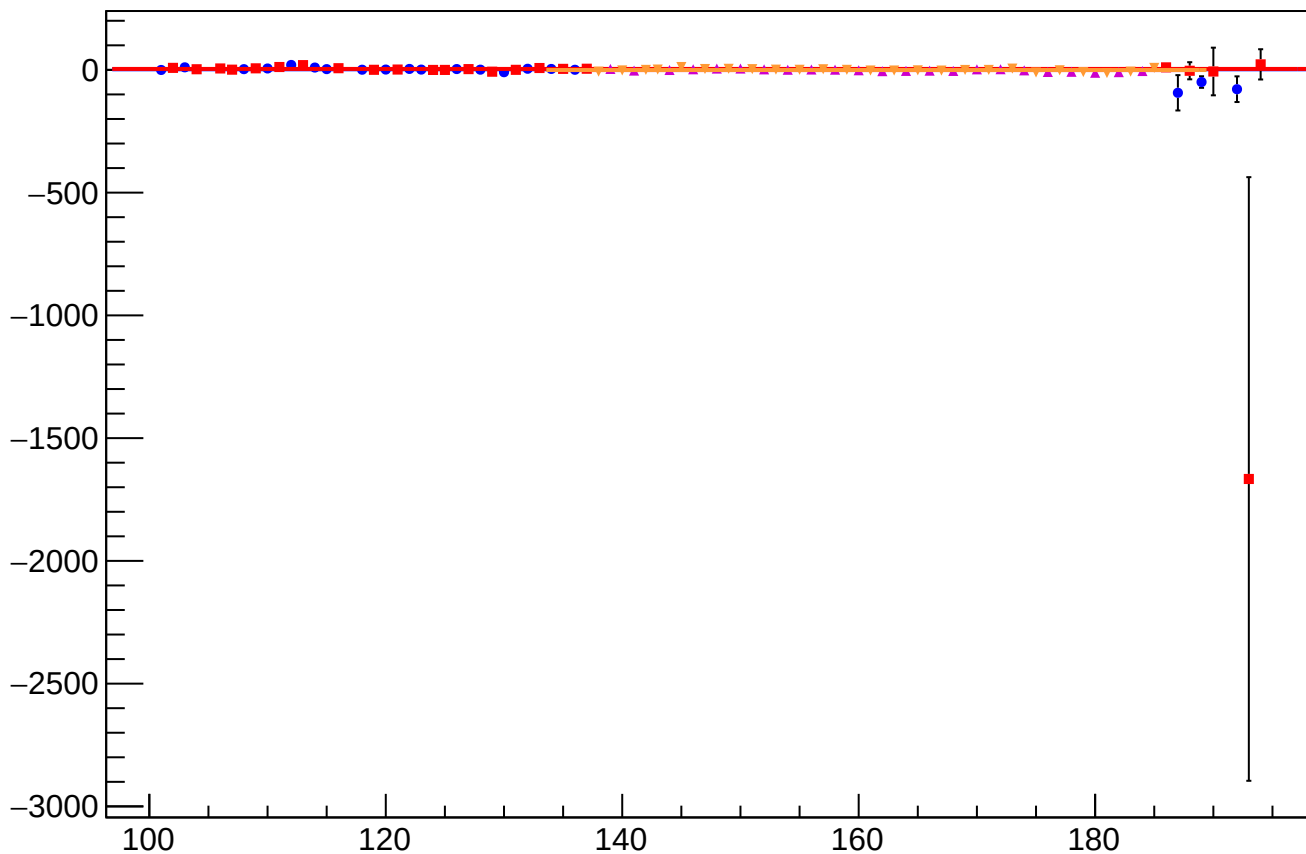
Left In: -26.200 ± 0.194 $\chi^2/\text{NDF}: 3344.6/22$

+ sign -25.820 ± 0.192 $\chi^2/\text{NDF}: 4117.0/27$

All: -26.031 ± 0.137 $\chi^2/\text{NDF}: 7583.3/55$

- sign -26.247 ± 0.194 $\chi^2/\text{NDF}: 3463.9/27$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.434 ± 0.311 χ^2/NDF : 302.4/19

Left Out: -0.625 ± 0.147 χ^2/NDF : 1303.5/24

Right Out: 3.863 ± 0.327 χ^2/NDF : 271.2/22

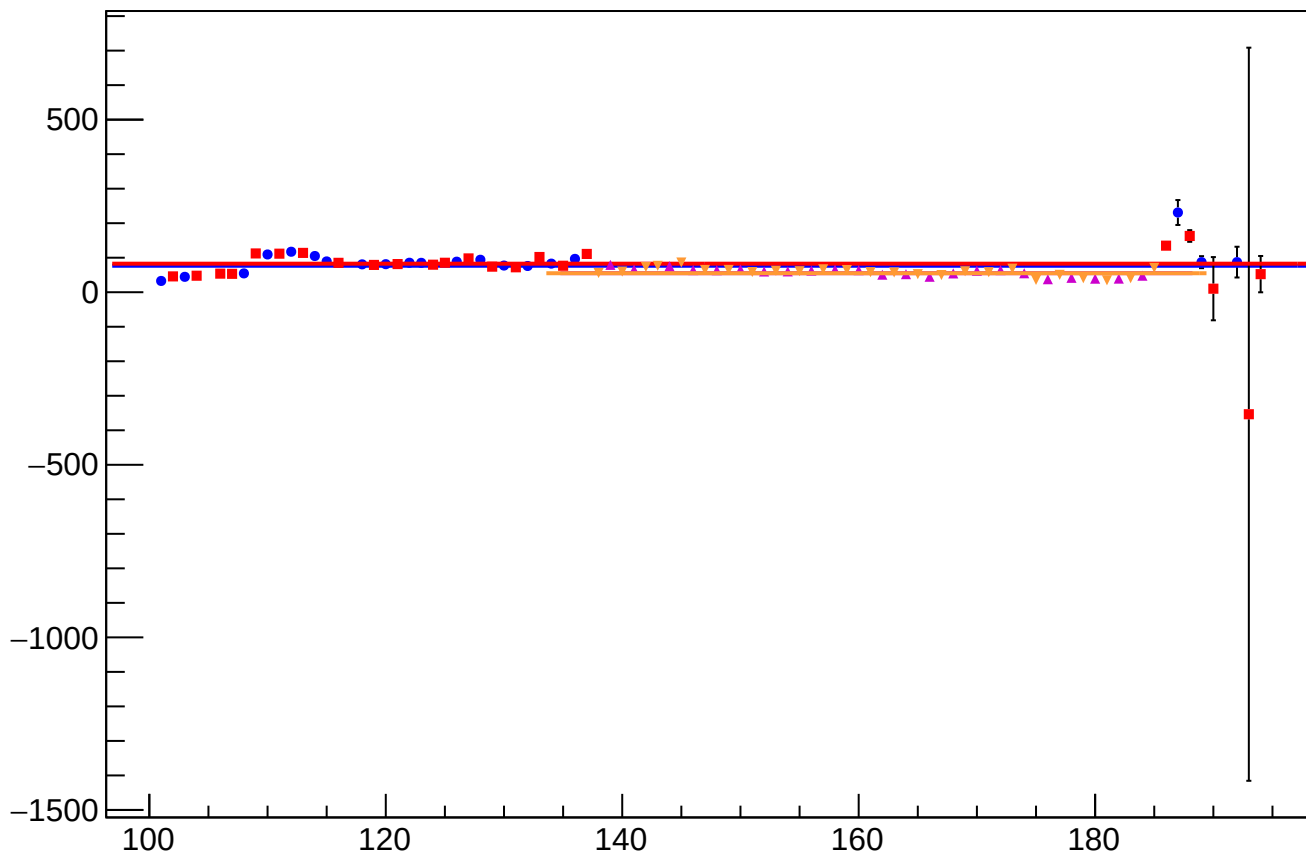
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.069 ± 0.133 χ^2/NDF : 1685.0/44

All: -0.019 ± 0.095 χ^2/NDF : 3233.8/90

- sign 0.034 ± 0.137 χ^2/NDF : 1548.5/45

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.739 ± 0.573 χ^2/NDF : 2283.7/19

Left Out: 55.008 ± 0.192 χ^2/NDF : 4502.1/24

Right Out: 82.664 ± 0.591 χ^2/NDF : 1621.6/22

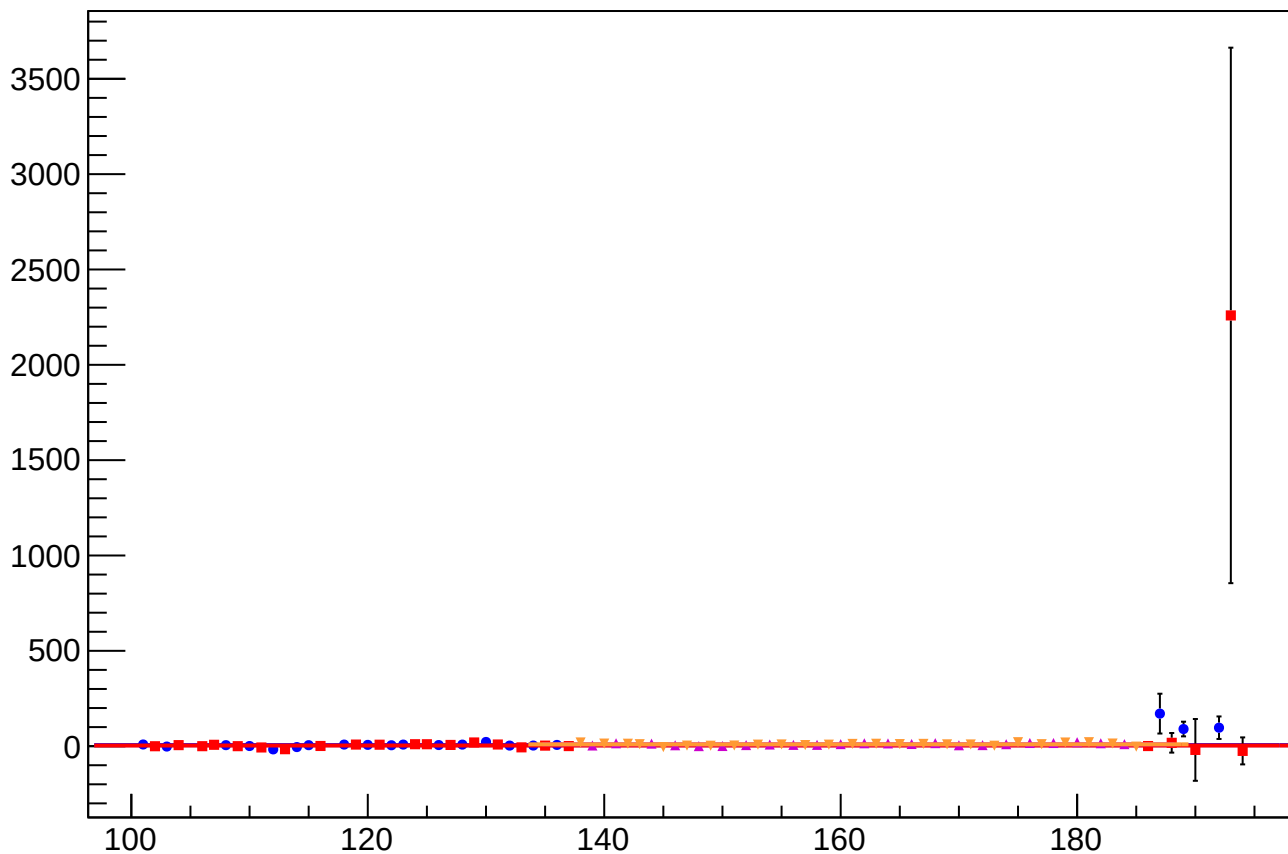
Left In: 55.252 ± 0.193 χ^2/NDF : 3786.2/22

+ sign 57.200 ± 0.182 χ^2/NDF : 8078.2/44

All: 57.543 ± 0.129 χ^2/NDF : 15437.9/90

- sign 57.892 ± 0.183 χ^2/NDF : 7352.5/45

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.452 ± 0.357 χ^2/NDF : 395.7/19

Left Out: 9.691 ± 0.168 χ^2/NDF : 1440.3/24

Right Out: 3.423 ± 0.376 χ^2/NDF : 425.7/22

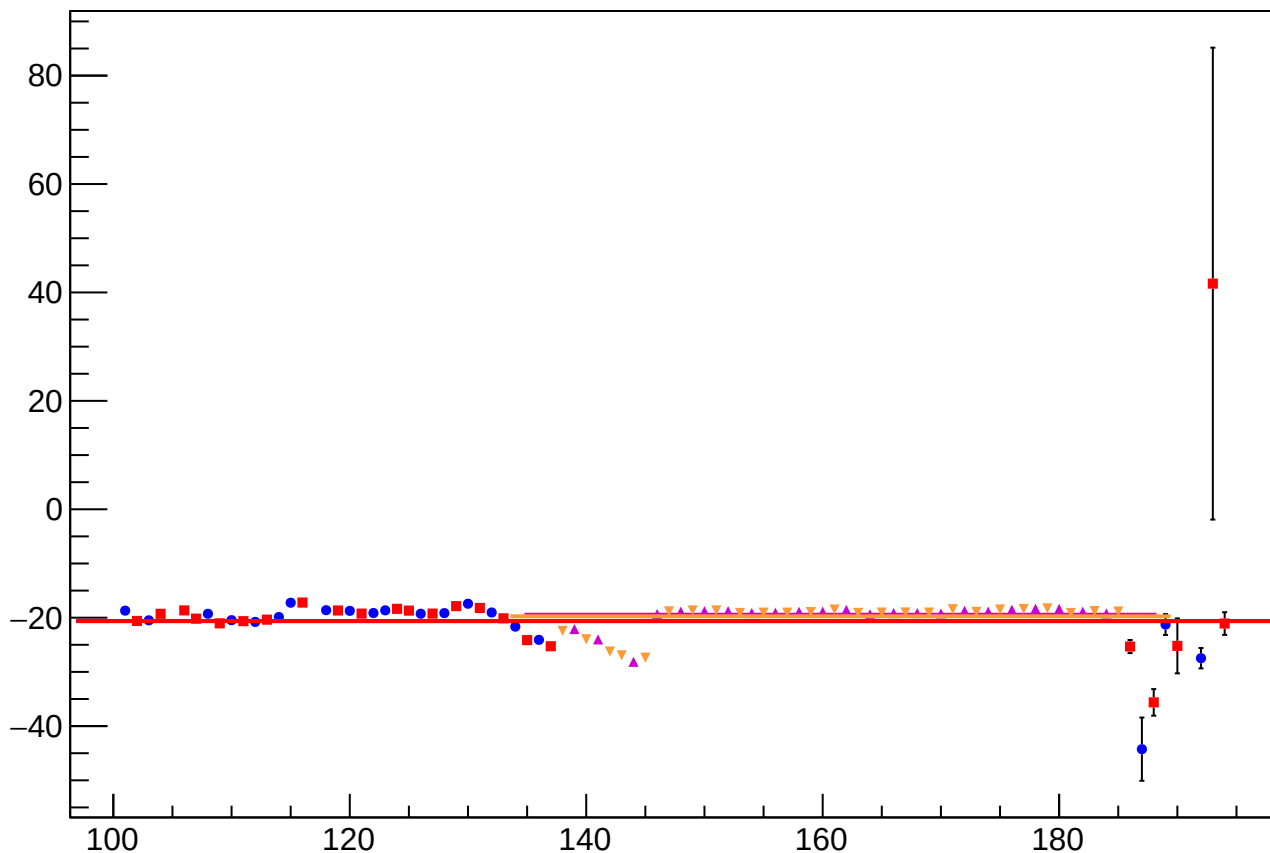
Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

+ sign 8.922 ± 0.152 χ^2/NDF : 1951.0/44

All: 8.777 ± 0.109 χ^2/NDF : 3808.4/90

- sign 8.625 ± 0.156 χ^2/NDF : 1855.5/45

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.633 ± 0.019 χ^2/NDF : 12560.5/19

Left Out: -19.746 ± 0.008 χ^2/NDF : 88374.4/24

Right Out: -20.608 ± 0.019 χ^2/NDF : 11956.1/22

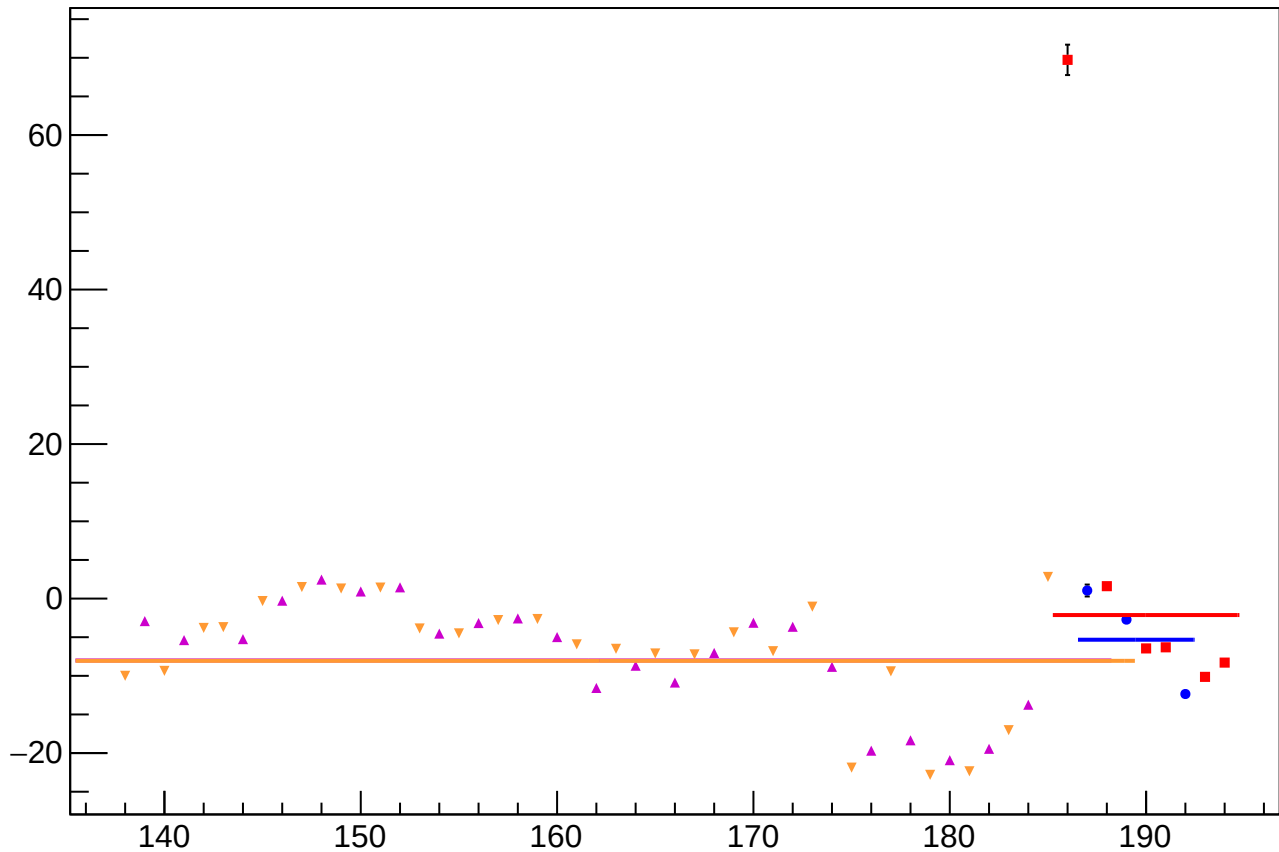
Left In: -19.457 ± 0.008 χ^2/NDF : 53995.4/22

+ sign -19.874 ± 0.007 χ^2/NDF : 102743.4/44

All: -19.748 ± 0.005 χ^2/NDF : 172287.0/90

- sign -19.621 ± 0.007 χ^2/NDF : 68948.2/45

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -5.326 ± 0.283 χ^2/NDF : 312.6/2

Left Out: -8.058 ± 0.070 χ^2/NDF : 12532.2/24

Right Out: -2.132 ± 0.140 χ^2/NDF : 2535.8/5

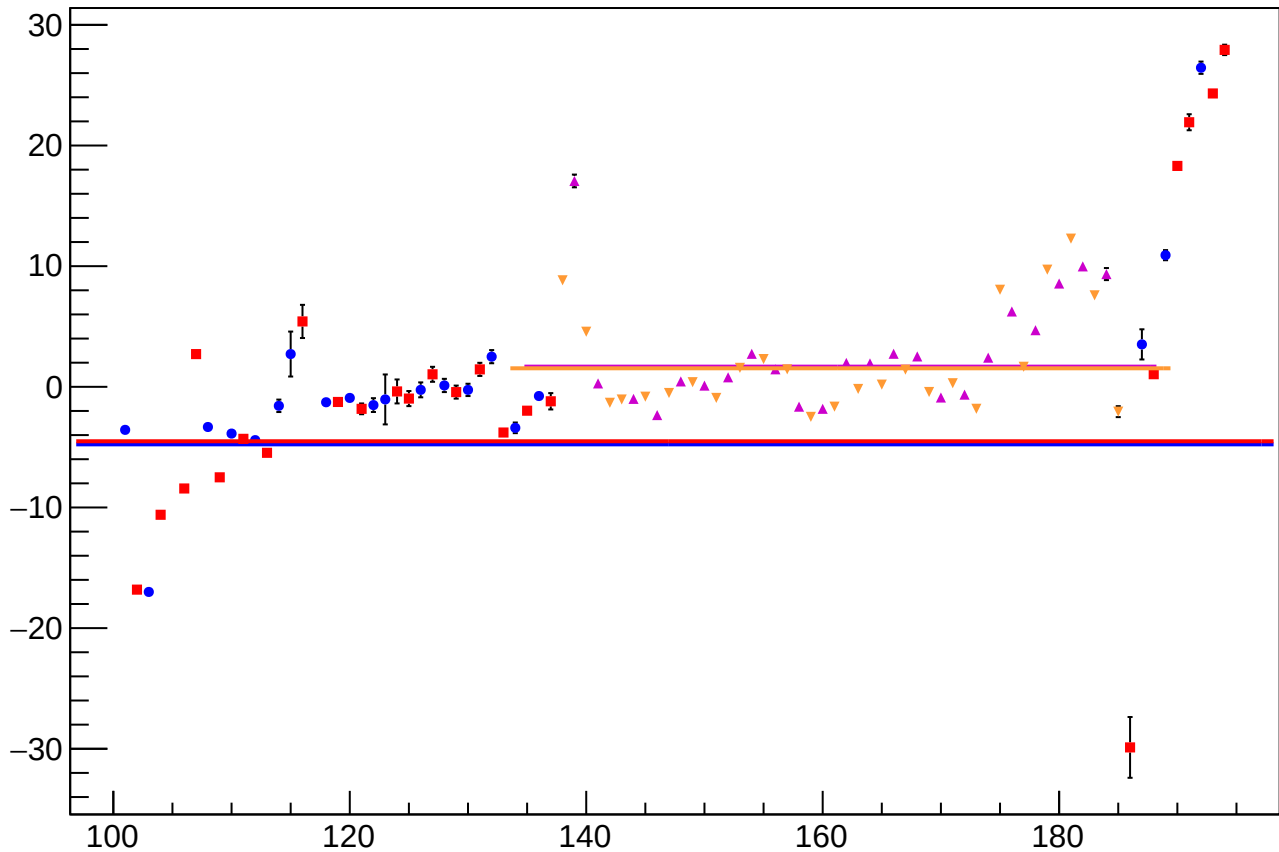
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ sign -7.899 ± 0.068 χ^2/NDF : 12932.3/27

All: -7.305 ± 0.047 χ^2/NDF : 27644.5/56

- sign -6.792 ± 0.064 χ^2/NDF : 14571.4/28

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -4.768 ± 0.054 χ^2/NDF : 14597.1/19

Left Out: 1.535 ± 0.055 χ^2/NDF : 4816.7/24

Right Out: -4.512 ± 0.057 χ^2/NDF : 28659.5/23

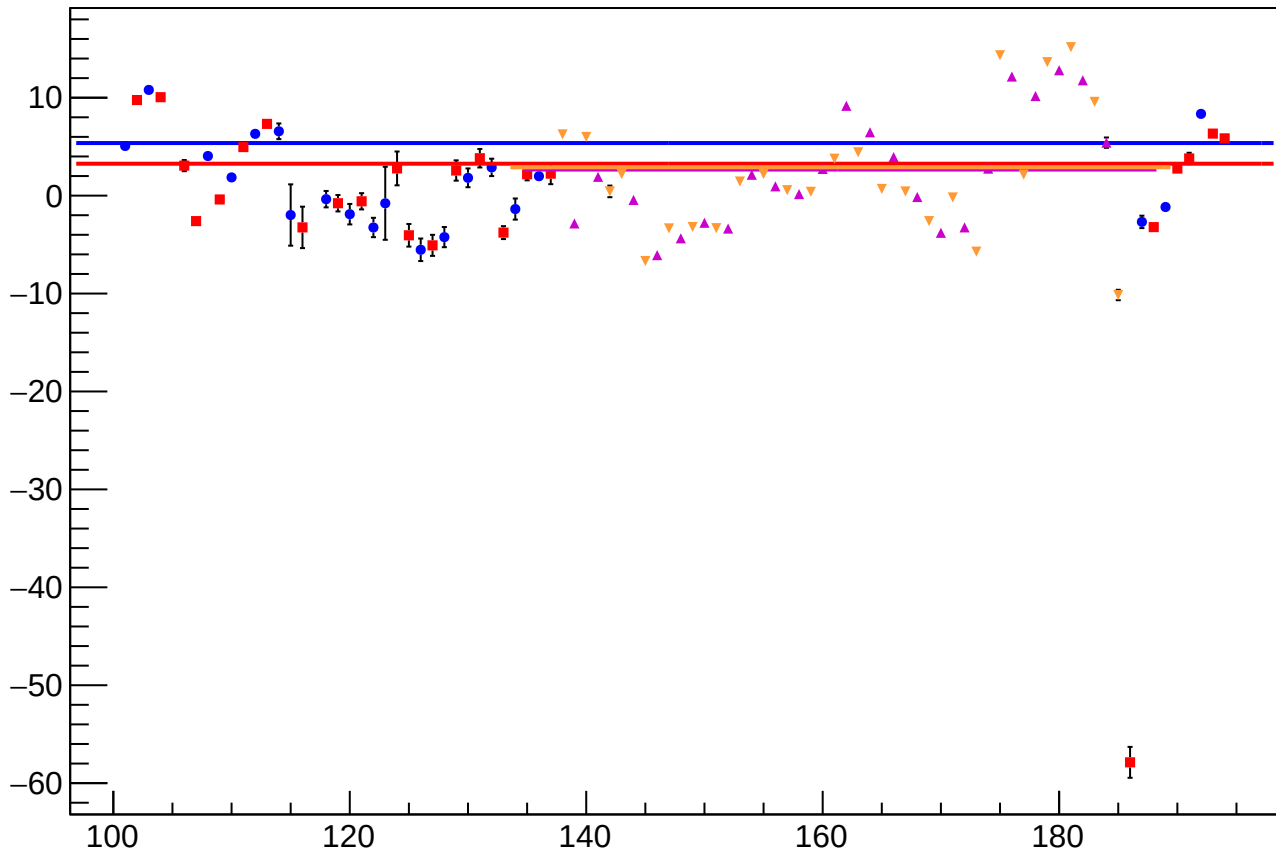
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -1.650 ± 0.038 χ^2/NDF : 26173.6/44

All: -1.534 ± 0.028 χ^2/NDF : 64947.4/91

- sign -1.408 ± 0.040 χ^2/NDF : 38754.7/46

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.370 ± 0.084 χ^2/NDF : 2028.2/19

Left Out: 2.891 ± 0.070 χ^2/NDF : 8889.4/24

Right Out: 3.260 ± 0.075 χ^2/NDF : 6652.8/23

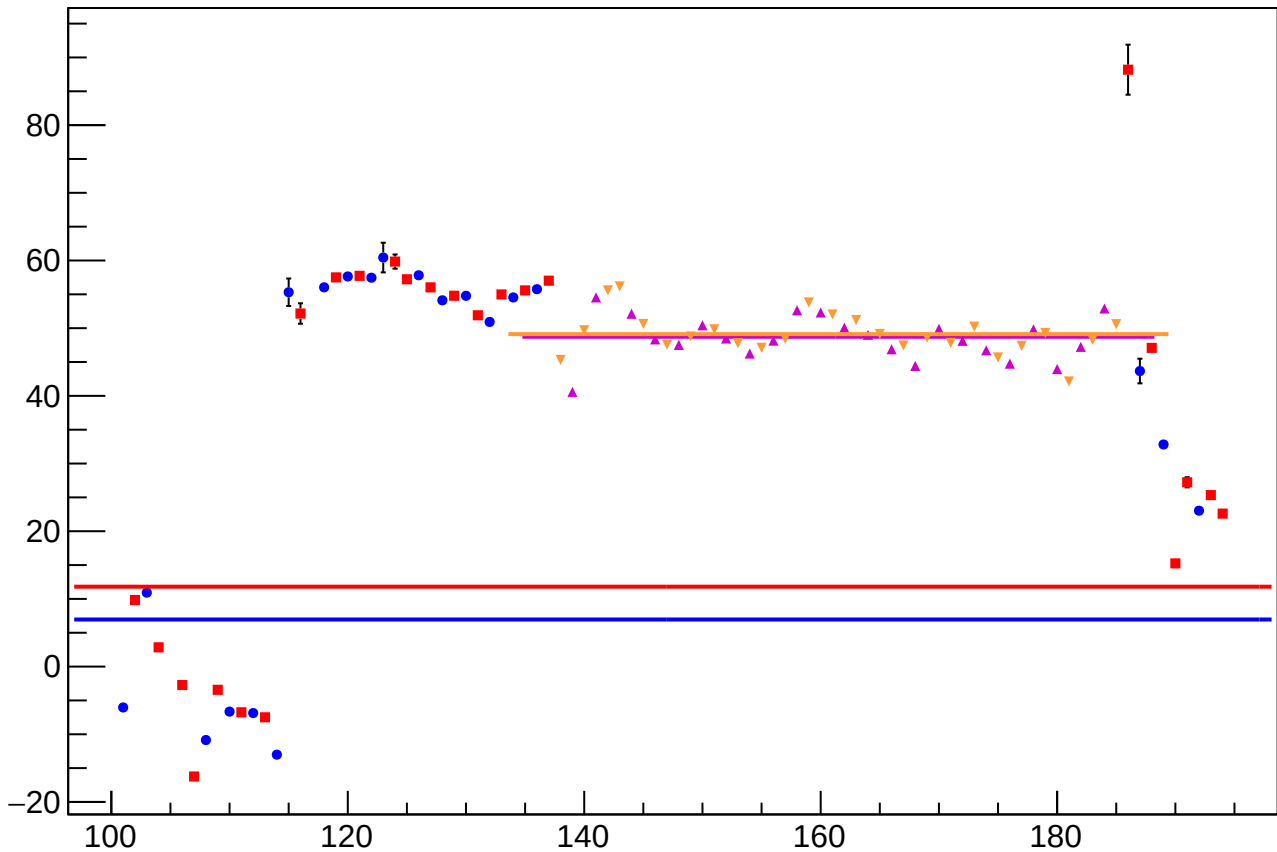
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 3.908 ± 0.054 χ^2/NDF : 11426.5/44

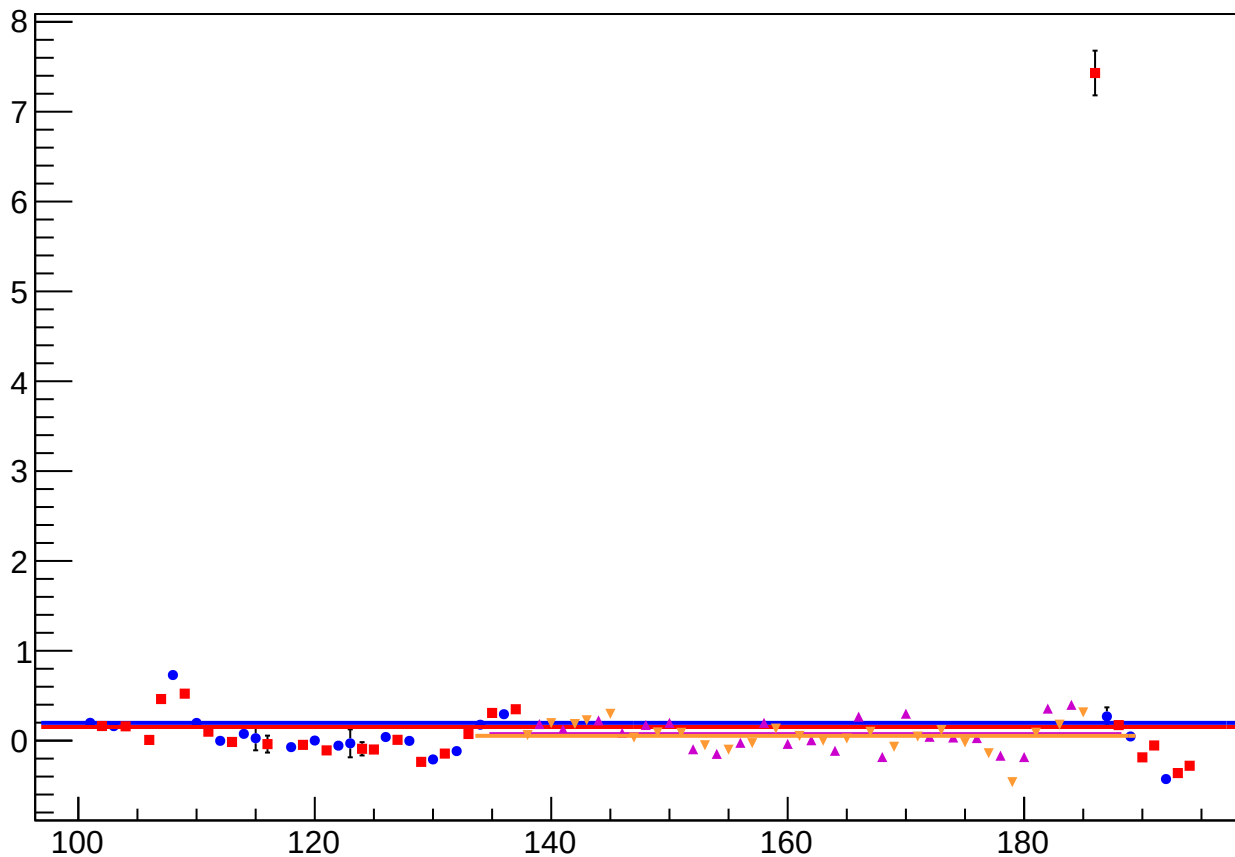
All: 3.404 ± 0.037 χ^2/NDF : 25587.5/91

- sign 2.946 ± 0.052 χ^2/NDF : 13994.9/46

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.198 ± 0.003 χ^2/NDF : 5213.4/19

Left Out: 0.053 ± 0.003 χ^2/NDF : 2369.3/24

Right Out: 0.152 ± 0.003 χ^2/NDF : 6148.6/23

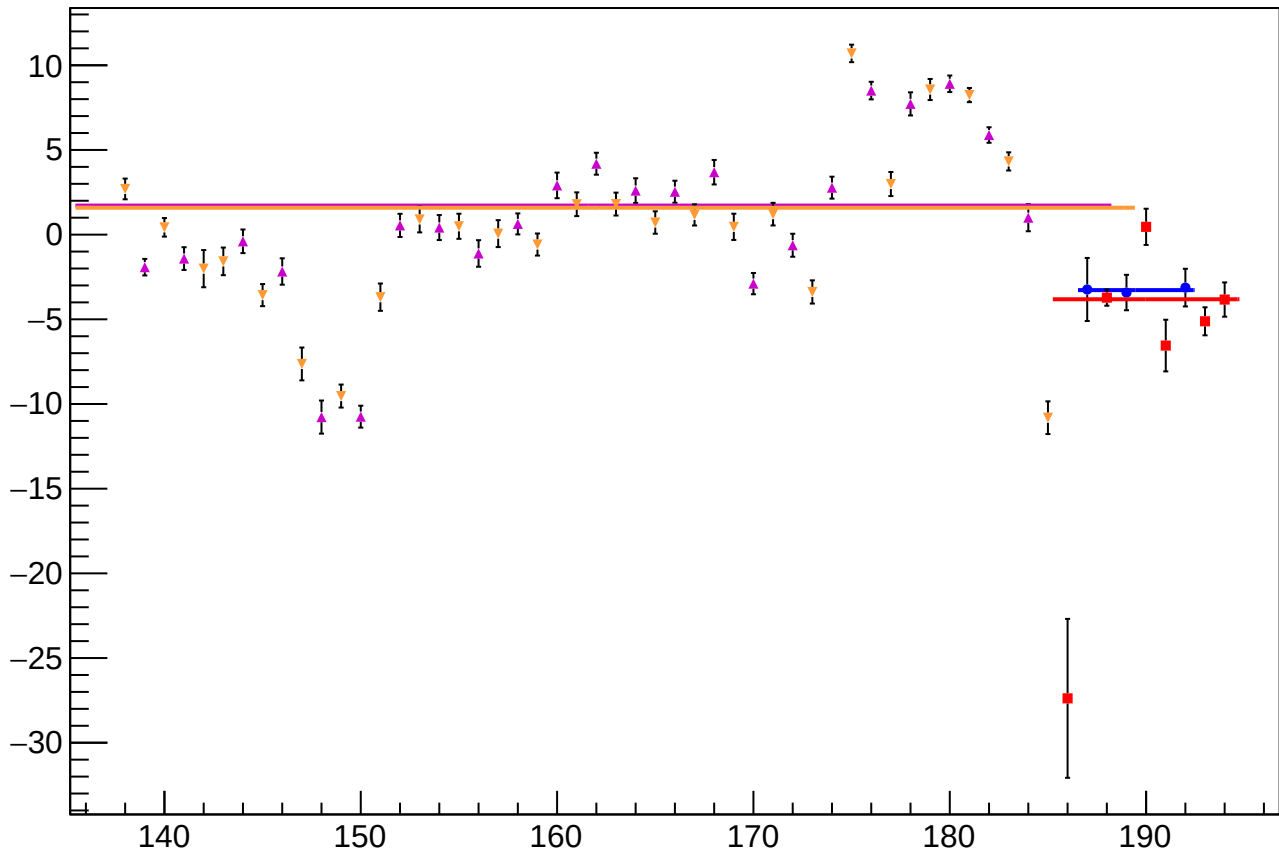
Left In: 0.072 ± 0.003 χ^2/NDF : 3272.0/22

+ sign 0.129 ± 0.002 χ^2/NDF : 8940.0/44

All: 0.122 ± 0.001 χ^2/NDF : 18815.2/91

- sign 0.116 ± 0.002 χ^2/NDF : 9852.7/46

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -3.276 ± 0.705 χ^2/NDF : 0.0/2

Left Out: 1.590 ± 0.133 χ^2/NDF : 1457.4/24

Right Out: -3.816 ± 0.350 χ^2/NDF : 47.0/5

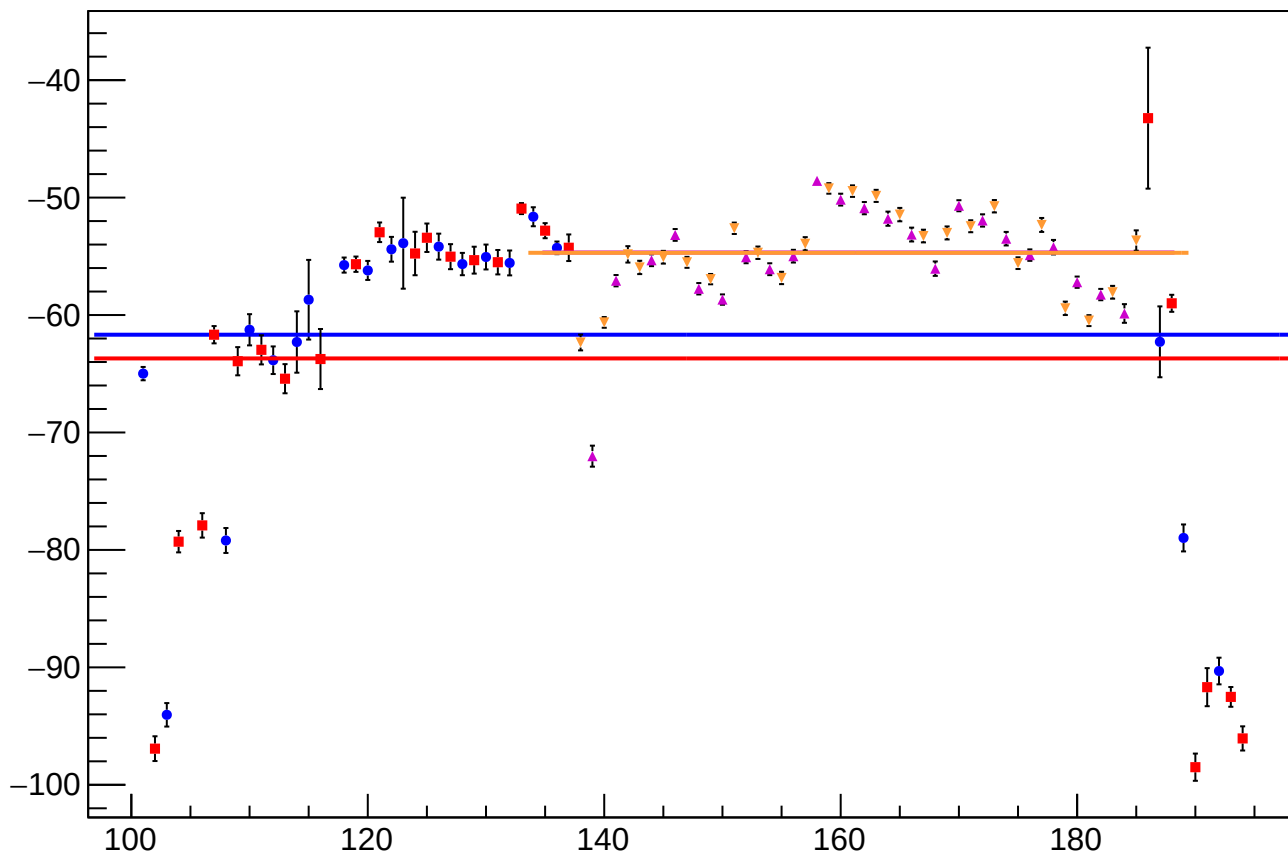
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.423 ± 0.131 χ^2/NDF : 1503.4/27

All: 1.205 ± 0.090 χ^2/NDF : 3087.4/56

- sign 1.005 ± 0.125 χ^2/NDF : 1578.6/28

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -61.676 ± 0.214 $\chi^2/\text{NDF}: 2905.4/19$

Left Out: -54.701 ± 0.106 $\chi^2/\text{NDF}: 1124.5/24$

Right Out: -63.696 ± 0.191 $\chi^2/\text{NDF}: 6590.8/23$

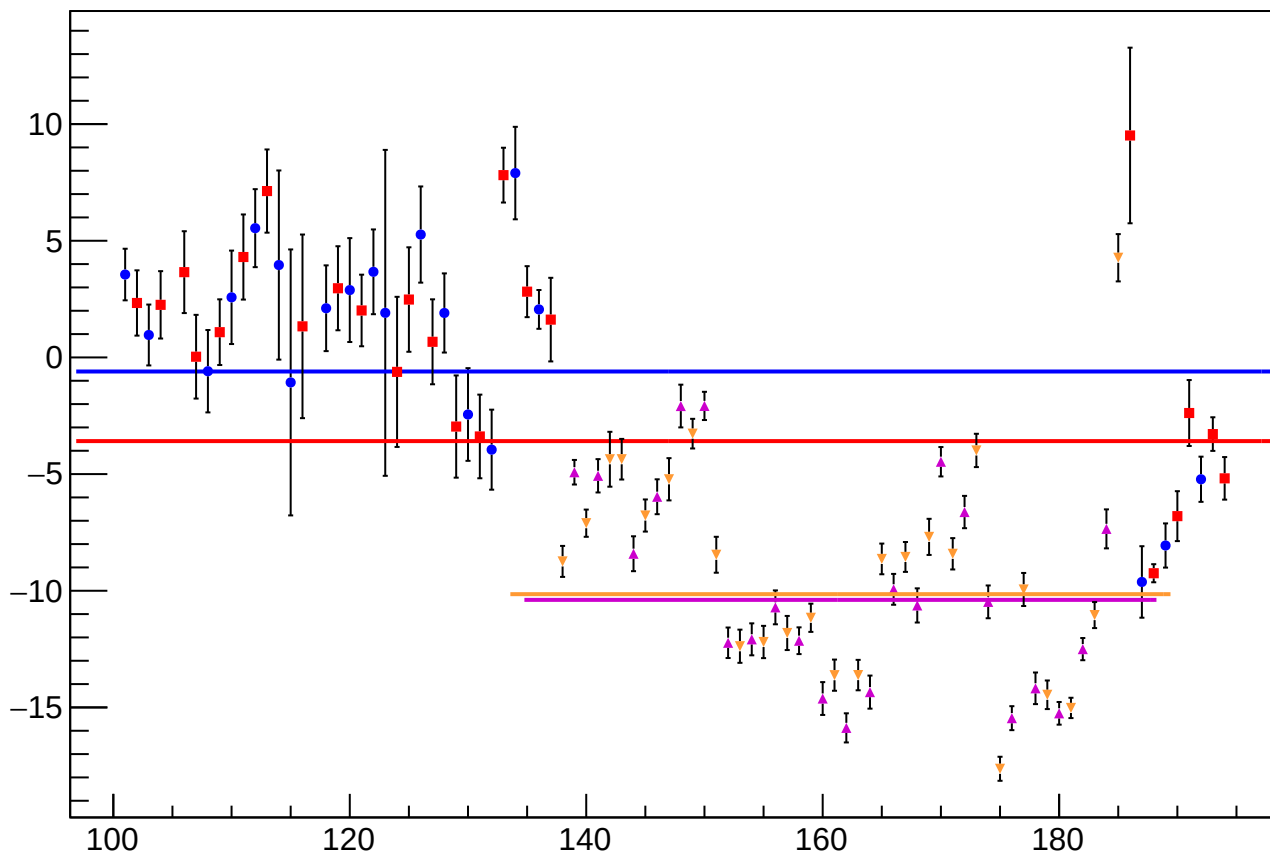
Left In: -54.677 ± 0.109 $\chi^2/\text{NDF}: 1140.6/22$

+ sign -56.071 ± 0.095 $\chi^2/\text{NDF}: 4880.4/44$

All: -56.492 ± 0.067 $\chi^2/\text{NDF}: 14334.5/91$

- sign -56.913 ± 0.095 $\chi^2/\text{NDF}: 9414.7/46$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -0.603 ± 0.338 χ^2/NDF : 206.3/19

Left Out: -10.146 ± 0.133 χ^2/NDF : 1051.2/24

Right Out: -3.586 ± 0.237 χ^2/NDF : 538.8/23

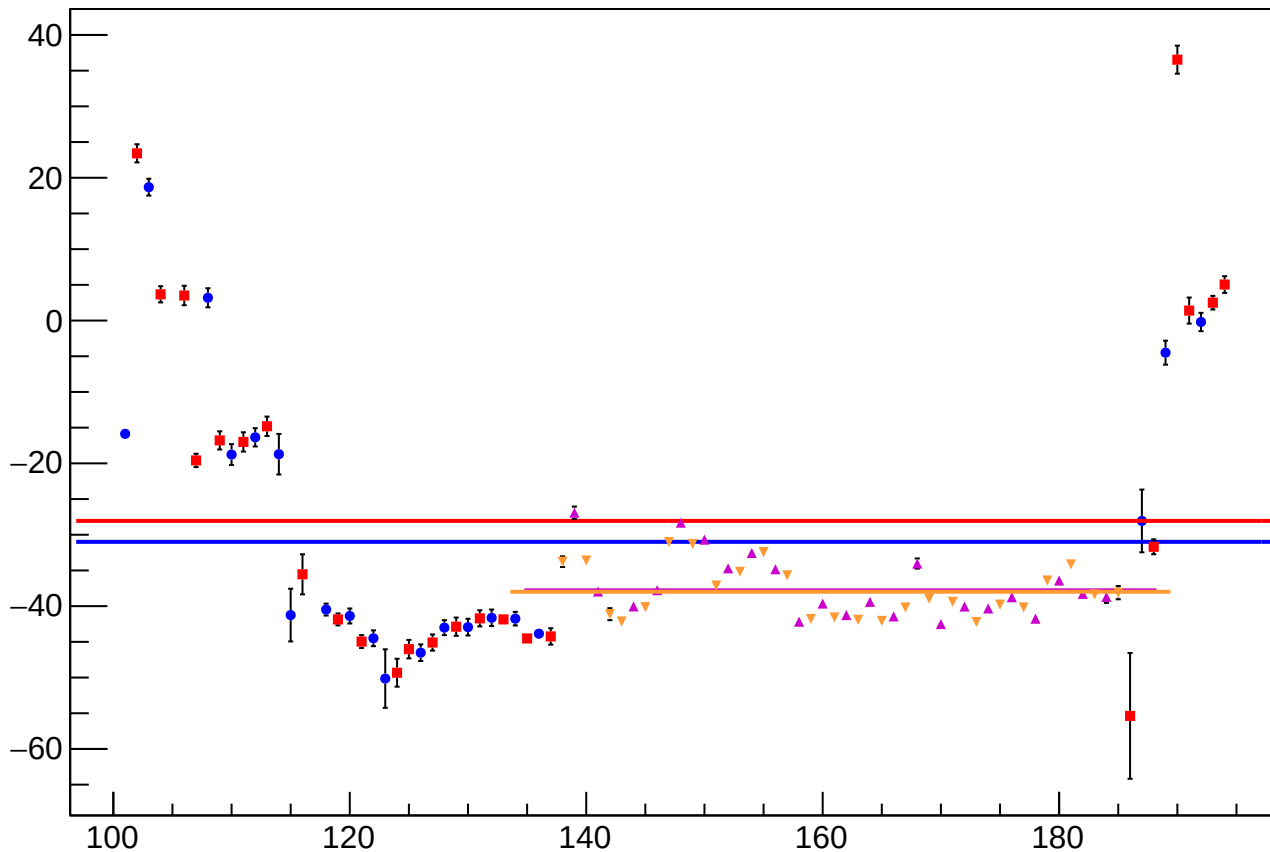
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ sign -8.868 ± 0.124 χ^2/NDF : 1946.2/44

All: -8.805 ± 0.085 χ^2/NDF : 4134.7/91

- sign -8.749 ± 0.117 χ^2/NDF : 2188.0/46

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -30.993 ± 0.246 χ^2/NDF : 5544.1/19

Left Out: -37.983 ± 0.119 χ^2/NDF : 936.9/24

Right Out: -28.060 ± 0.223 χ^2/NDF : 9319.7/23

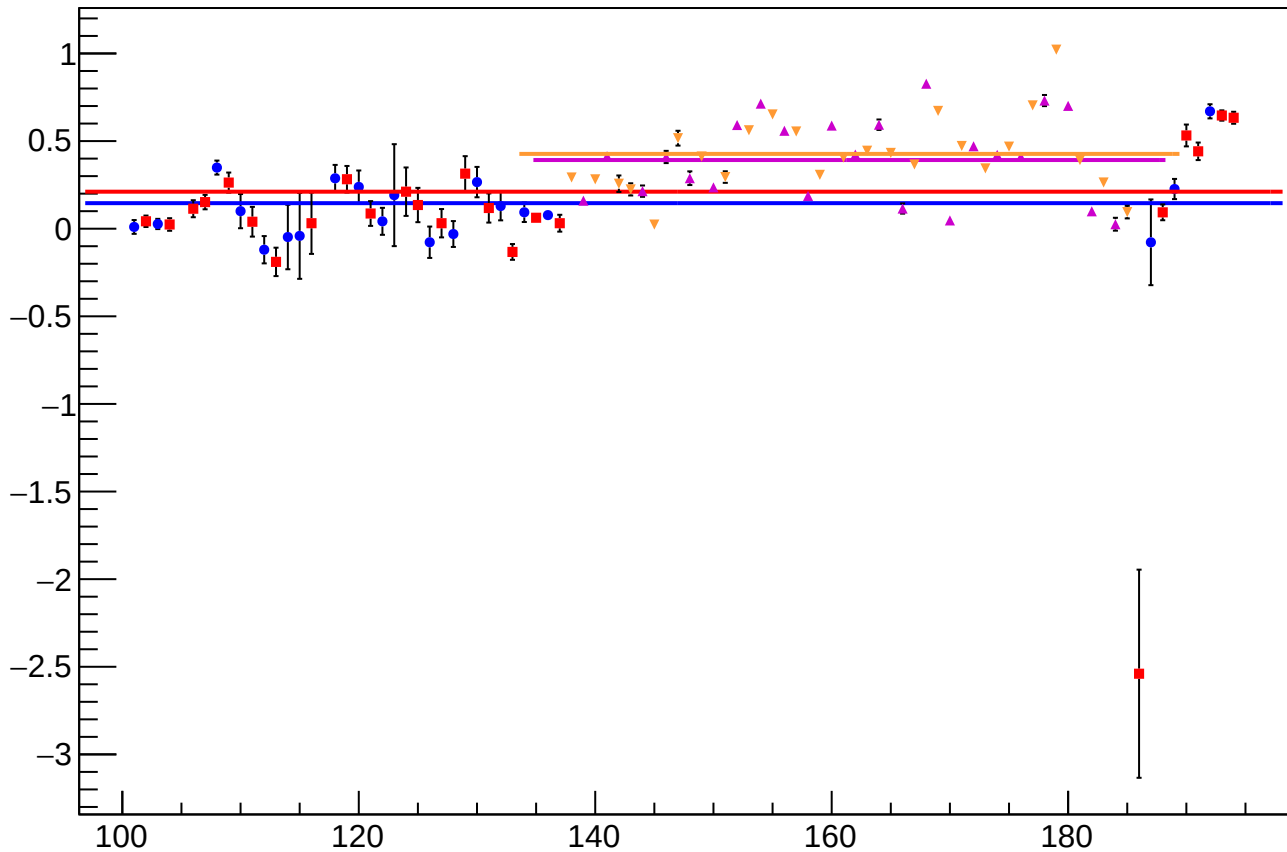
Left In: -37.784 ± 0.122 χ^2/NDF : 1079.7/22

+ sign -36.658 ± 0.107 χ^2/NDF : 7135.2/44

All: -36.106 ± 0.076 χ^2/NDF : 19046.9/91

- sign -35.554 ± 0.107 χ^2/NDF : 11858.5/46

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.146 $\pm$ 0.012 χ^2 /NDF: 269.3/19

Left Out: 0.427 $\pm$ 0.005 χ^2 /NDF:1293.3/24

Right Out: 0.211 $\pm$ 0.010 χ^2 /NDF: 652.8/23

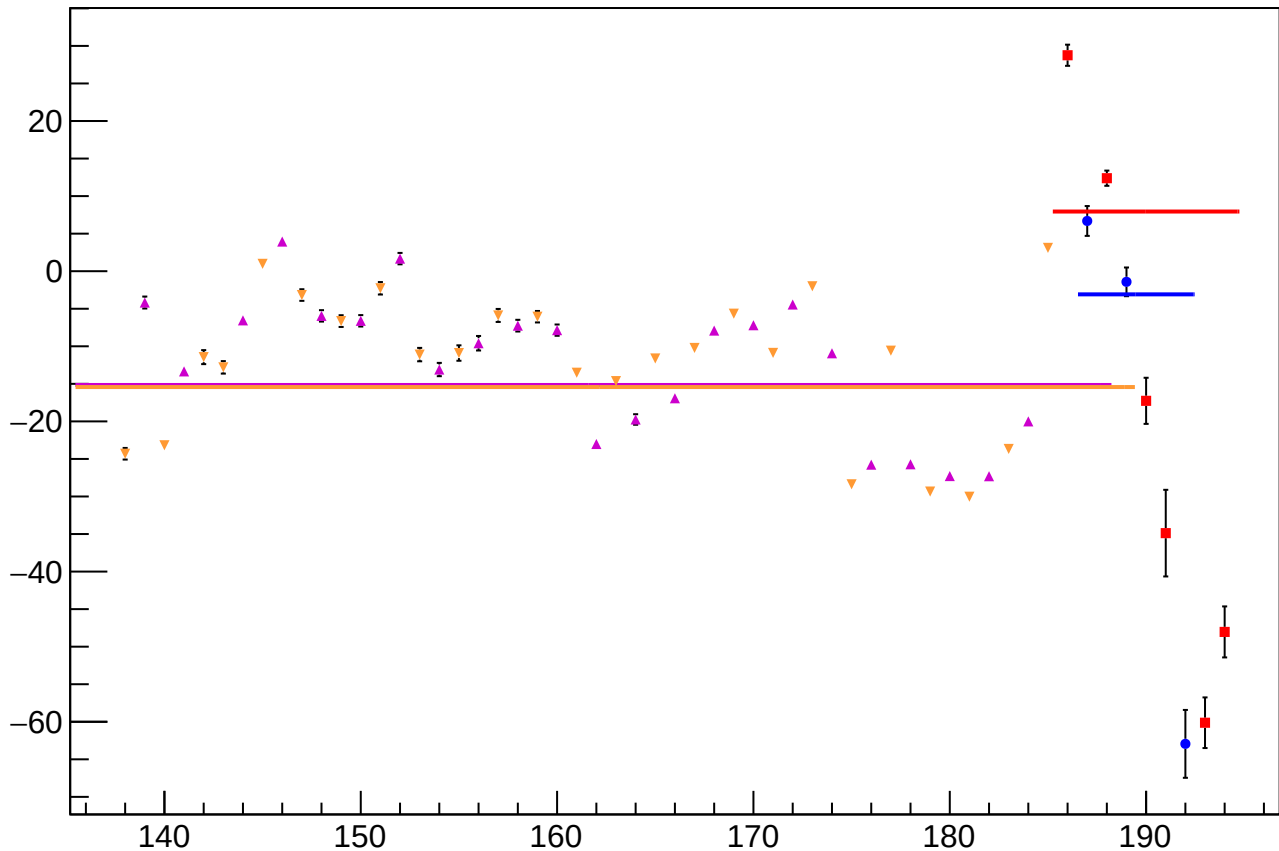
Left In: 0.392 $\pm$ 0.005 χ^2 /NDF:1835.6/22

+ sign 0.379 $\pm$ 0.005 χ^2 /NDF: 2028.8/44

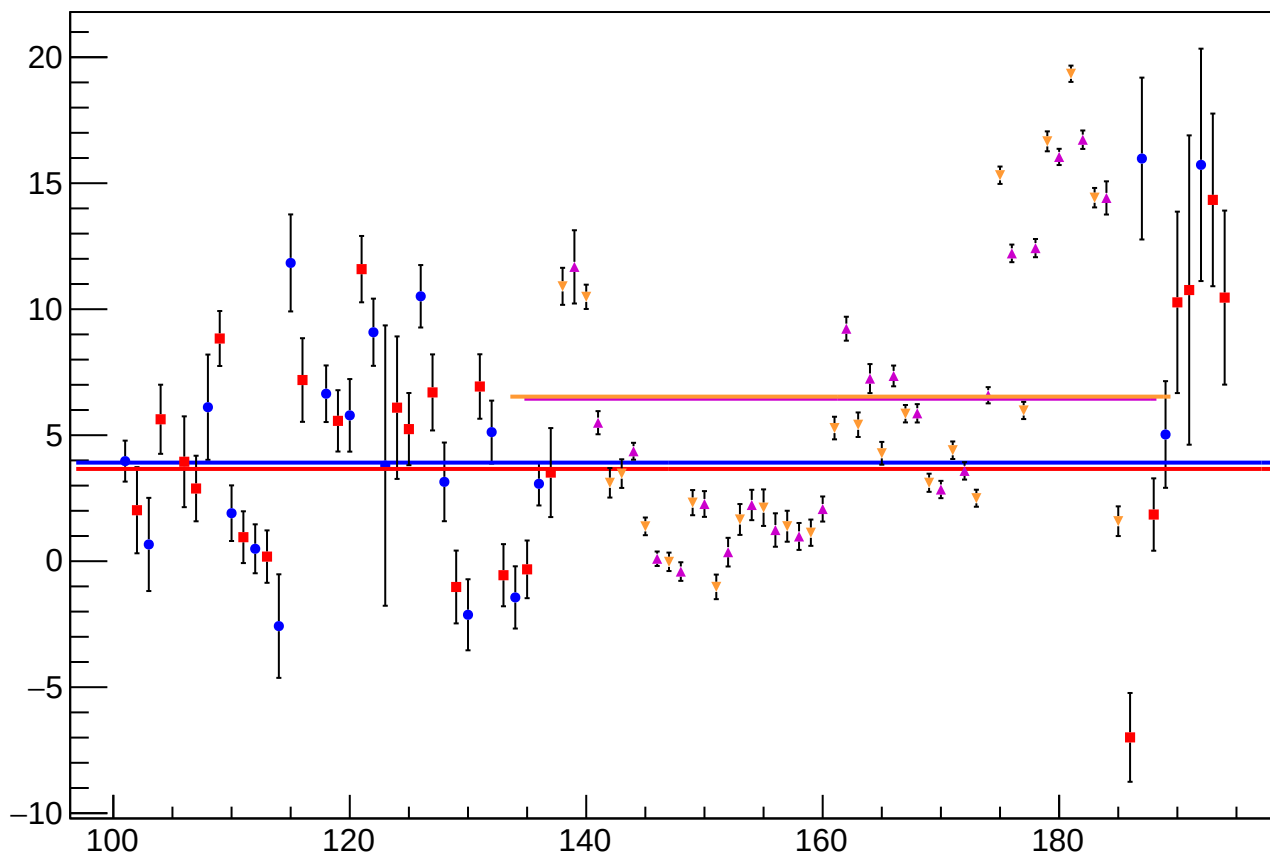
All: 0.365 $\pm$ 0.003 χ^2 /NDF: 4782.5/91

- sign 0.352 $\pm$ 0.005 χ^2 /NDF: 2738.1/46

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.912 ± 0.303 χ^2/NDF : 158.1/19

Left Out: 6.531 ± 0.086 χ^2/NDF : 4969.5/24

Right Out: 3.661 ± 0.301 χ^2/NDF : 190.6/23

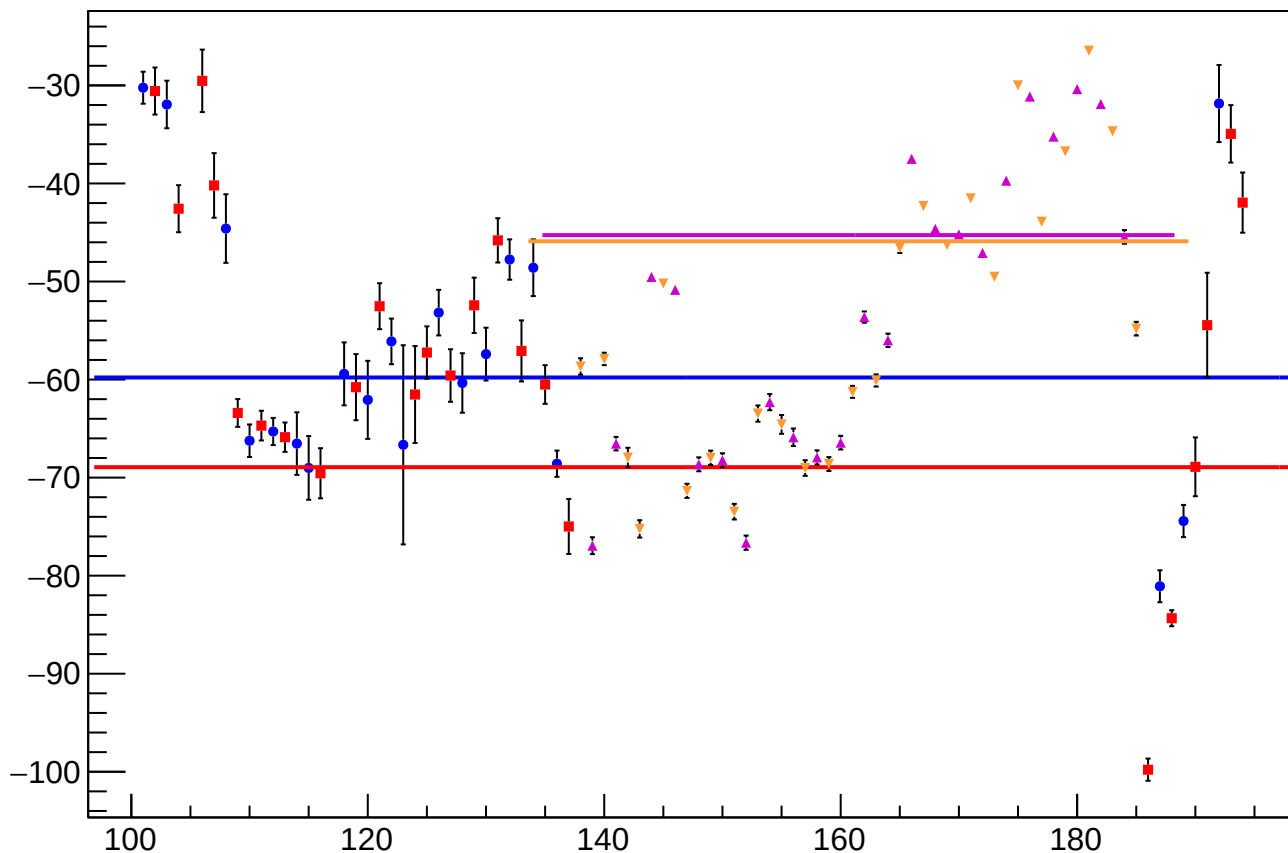
Left In: 6.448 ± 0.086 χ^2/NDF : 3955.6/22

+ sign 6.338 ± 0.082 χ^2/NDF : 5196.7/44

All: 6.288 ± 0.058 χ^2/NDF : 9423.1/91

- sign 6.238 ± 0.083 χ^2/NDF : 4225.7/46

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -59.789 ± 0.487 χ^2/NDF : 927.0/19

Left Out: -45.897 ± 0.106 χ^2/NDF : 17133.8/24

Right Out: -68.936 ± 0.404 χ^2/NDF : 2215.0/23

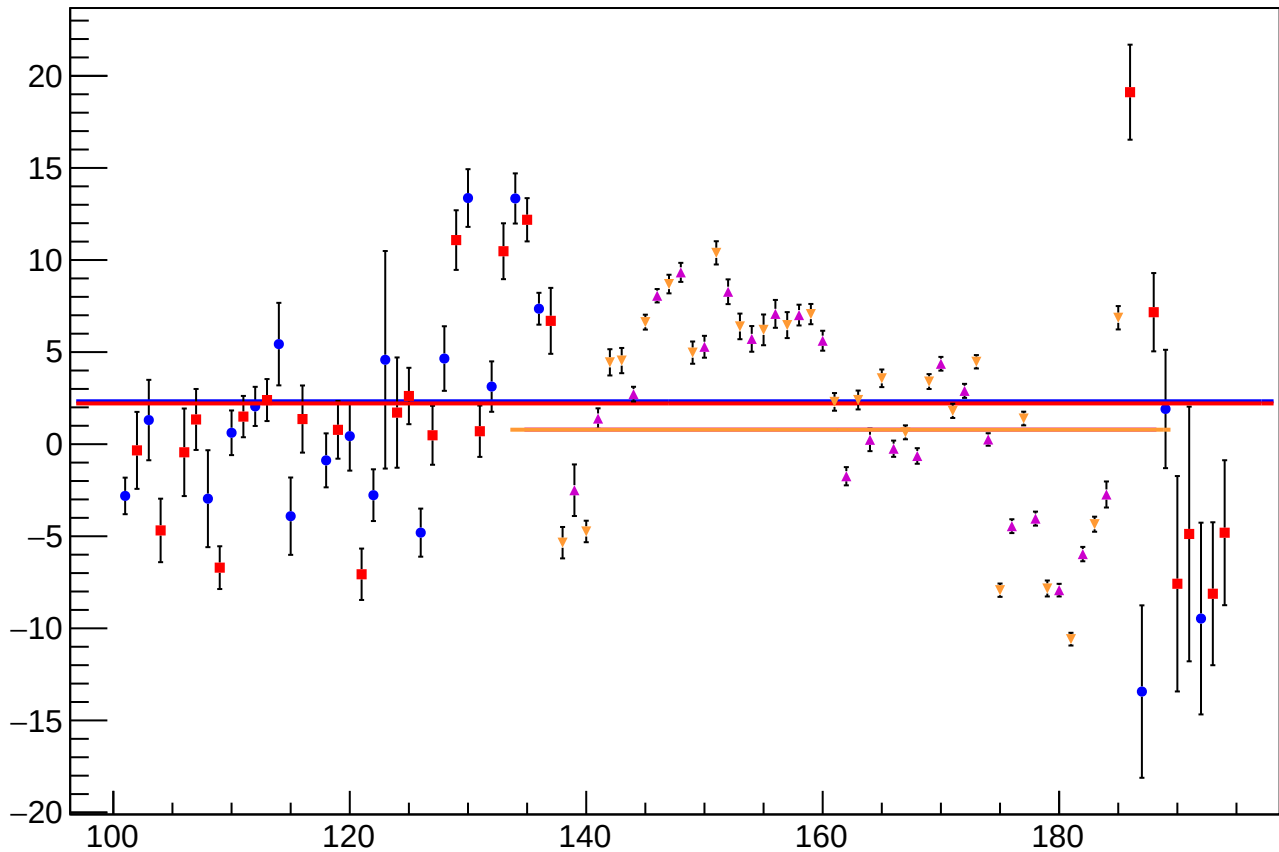
Left In: -45.268 ± 0.107 χ^2/NDF : 15775.7/22

+ sign -46.529 ± 0.104 χ^2/NDF : 18837.4/44

All: -46.671 ± 0.073 χ^2/NDF : 40034.9/91

- sign -46.811 ± 0.103 χ^2/NDF : 21193.8/46

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.330 ± 0.342 χ^2/NDF : 260.2/19

Left Out: 0.787 ± 0.096 χ^2/NDF : 3746.7/24

Right Out: 2.212 ± 0.343 χ^2/NDF : 326.6/23

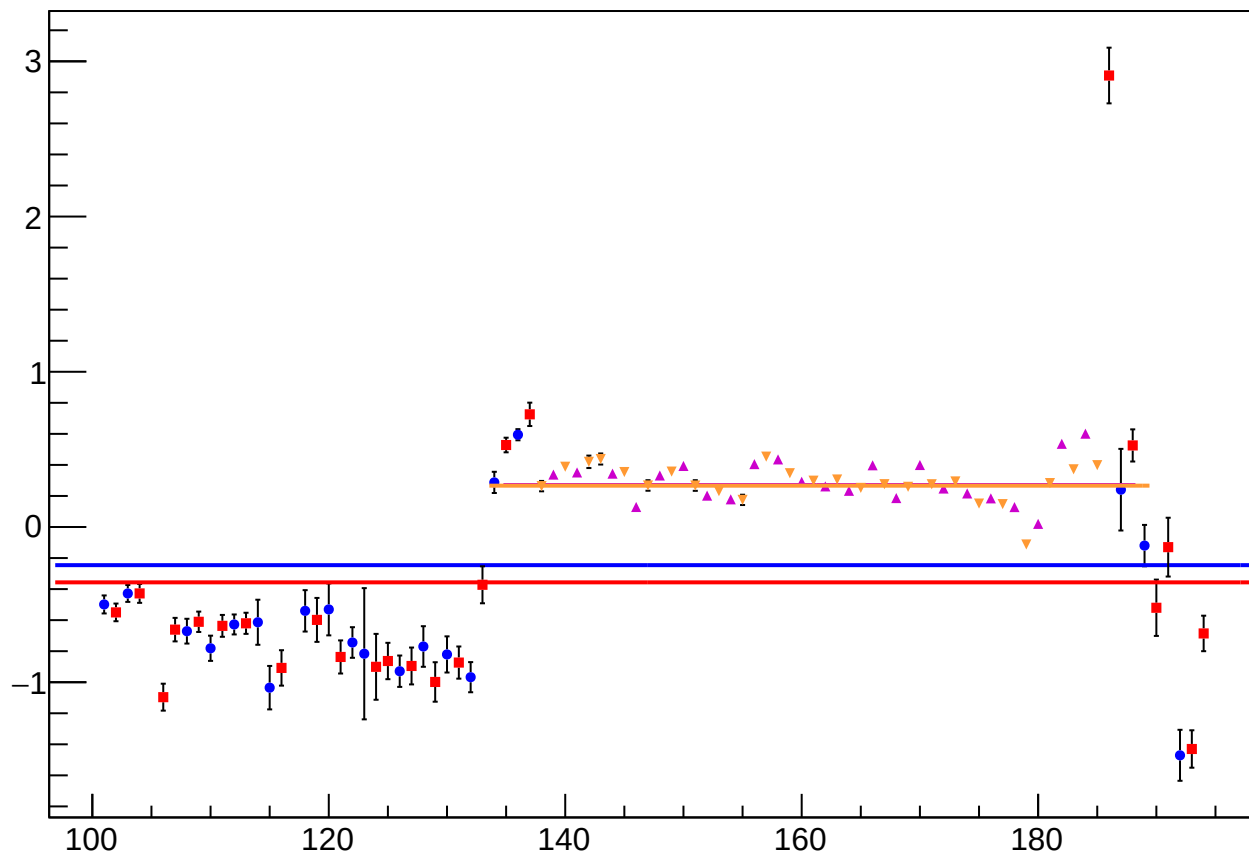
Left In: 0.791 ± 0.096 χ^2/NDF : 2697.7/22

+ sign 0.899 ± 0.092 χ^2/NDF : 4025.9/44

All: 0.897 ± 0.065 χ^2/NDF : 7066.1/91

- sign 0.895 ± 0.093 χ^2/NDF : 3040.2/46

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.246 ± 0.019 $\chi^2/\text{NDF}: 1018.7/19$

Left Out: 0.266 ± 0.004 $\chi^2/\text{NDF}: 698.1/24$

Right Out: -0.357 ± 0.018 $\chi^2/\text{NDF}: 1343.7/23$

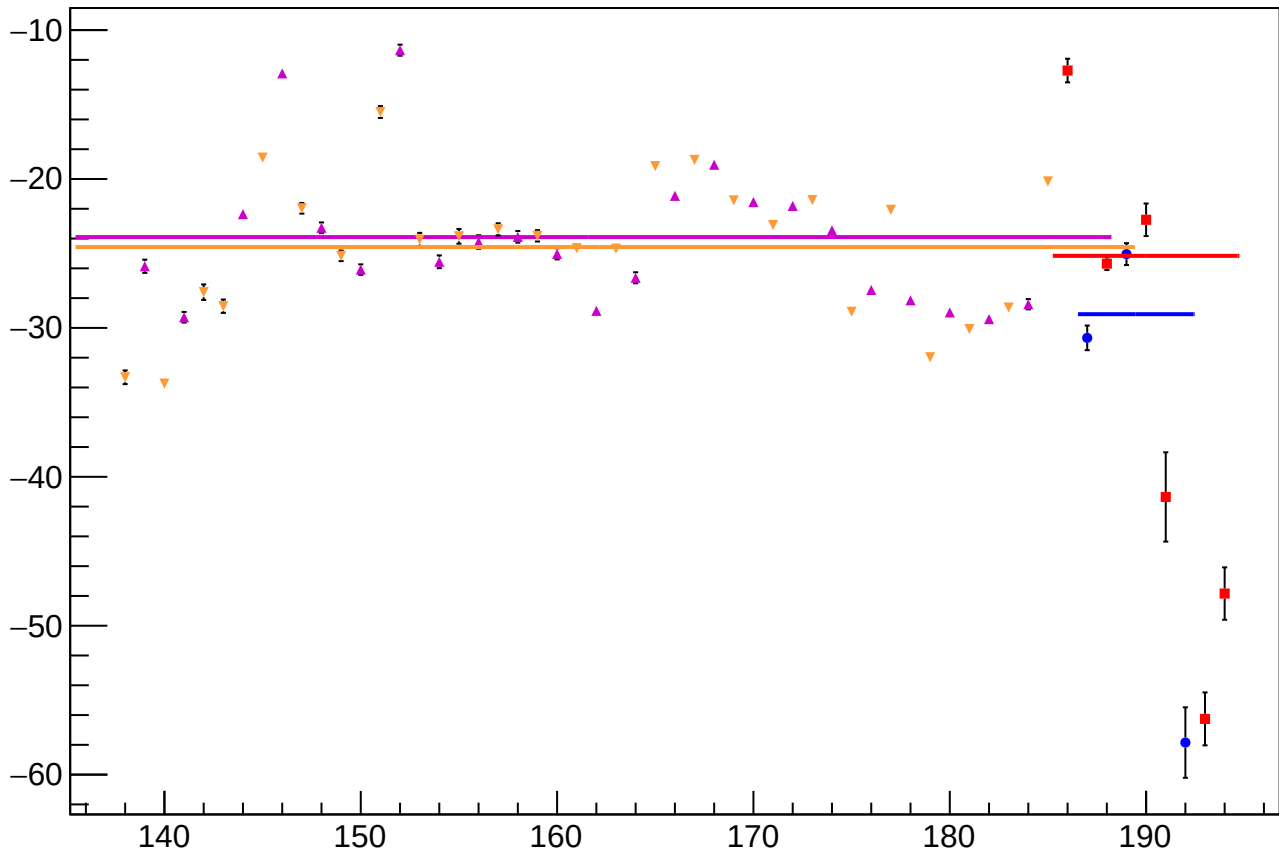
Left In: 0.270 ± 0.004 $\chi^2/\text{NDF}: 973.5/22$

+ sign 0.239 ± 0.004 $\chi^2/\text{NDF}: 2441.2/44$

All: 0.237 ± 0.003 $\chi^2/\text{NDF}: 5907.4/91$

- sign 0.235 ± 0.004 $\chi^2/\text{NDF}: 3465.6/46$

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -29.079 ± 0.535 $\chi^2/\text{NDF}: 181.6/2$

Left Out: -24.571 ± 0.051 $\chi^2/\text{NDF}: 8610.0/24$

Right Out: -25.161 ± 0.342 $\chi^2/\text{NDF}: 753.4/5$

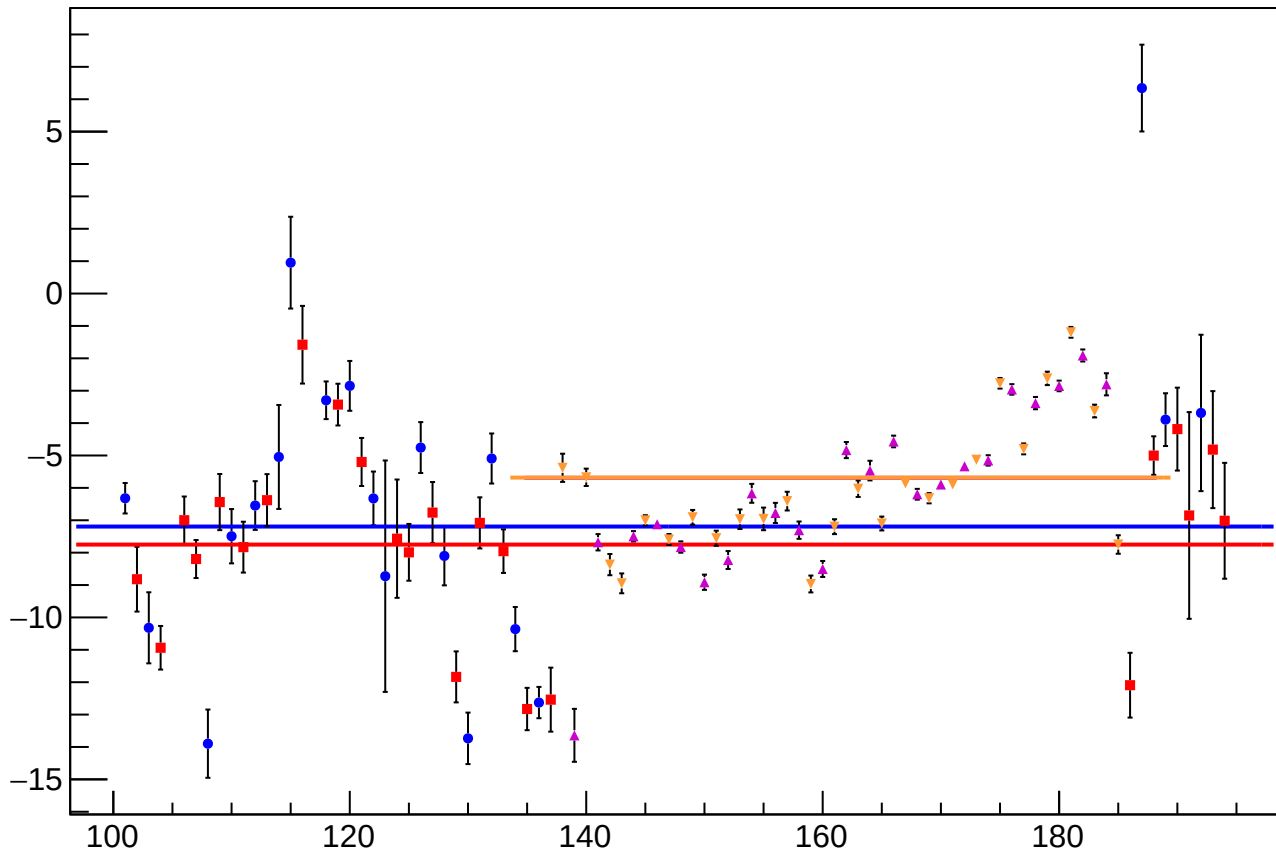
Left In: -23.902 ± 0.051 $\chi^2/\text{NDF}: 9158.9/22$

+ sign -24.612 ± 0.051 $\chi^2/\text{NDF}: 8861.8/27$

All: -24.267 ± 0.036 $\chi^2/\text{NDF}: 18878.6/56$

- sign -23.929 ± 0.050 $\chi^2/\text{NDF}: 9925.6/28$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.194 ± 0.179 χ^2/NDF : 520.2/19

Left Out: -5.683 ± 0.041 χ^2/NDF : 2231.0/24

Right Out: -7.751 ± 0.171 χ^2/NDF : 277.2/23

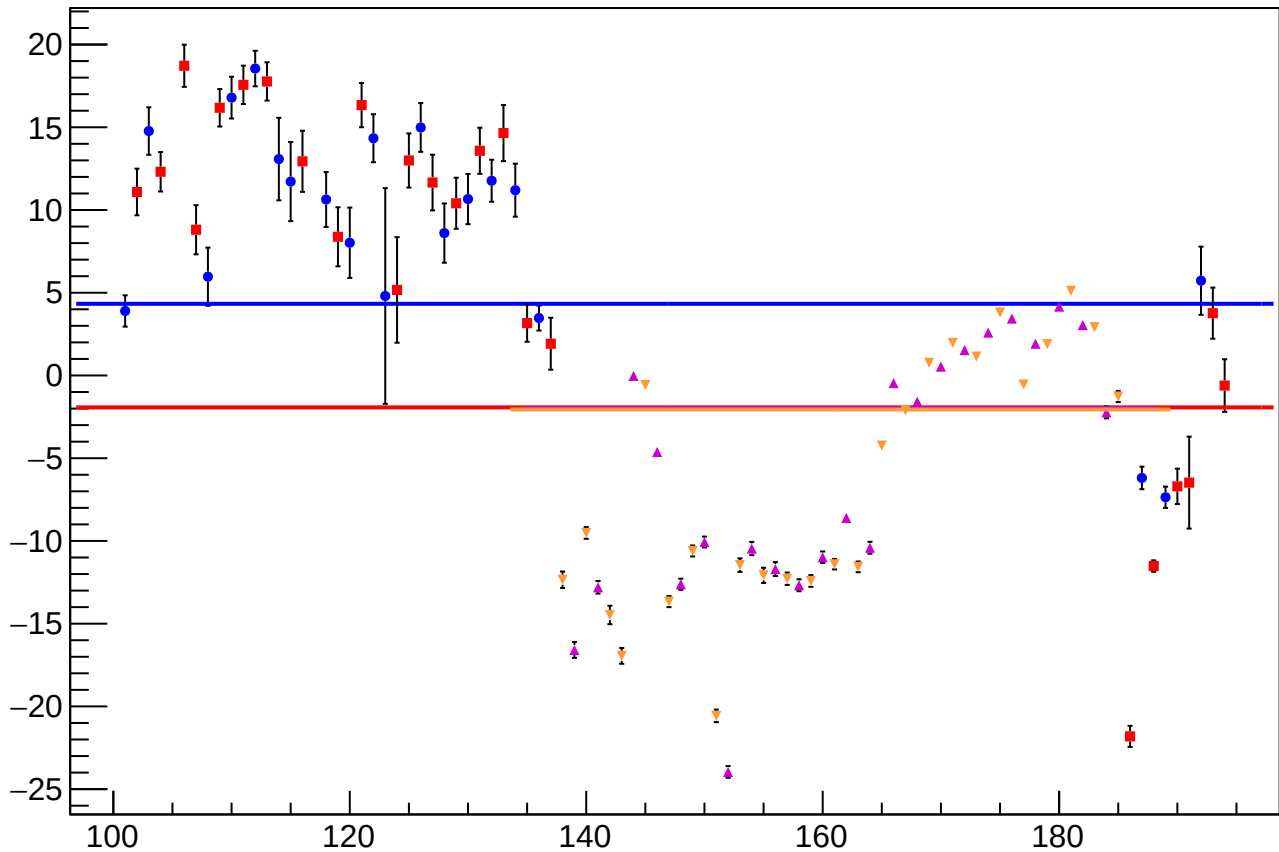
Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

+ sign -5.759 ± 0.040 χ^2/NDF : 2818.9/44

All: -5.779 ± 0.028 χ^2/NDF : 5562.0/91

- sign -5.800 ± 0.040 χ^2/NDF : 2742.5/46

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 4.332 ± 0.271 $\chi^2/\text{NDF}: 1113.9/19$

Left Out: -2.055 ± 0.051 $\chi^2/\text{NDF}: 16042.5/24$

Right Out: -1.927 ± 0.215 $\chi^2/\text{NDF}: 3897.8/23$

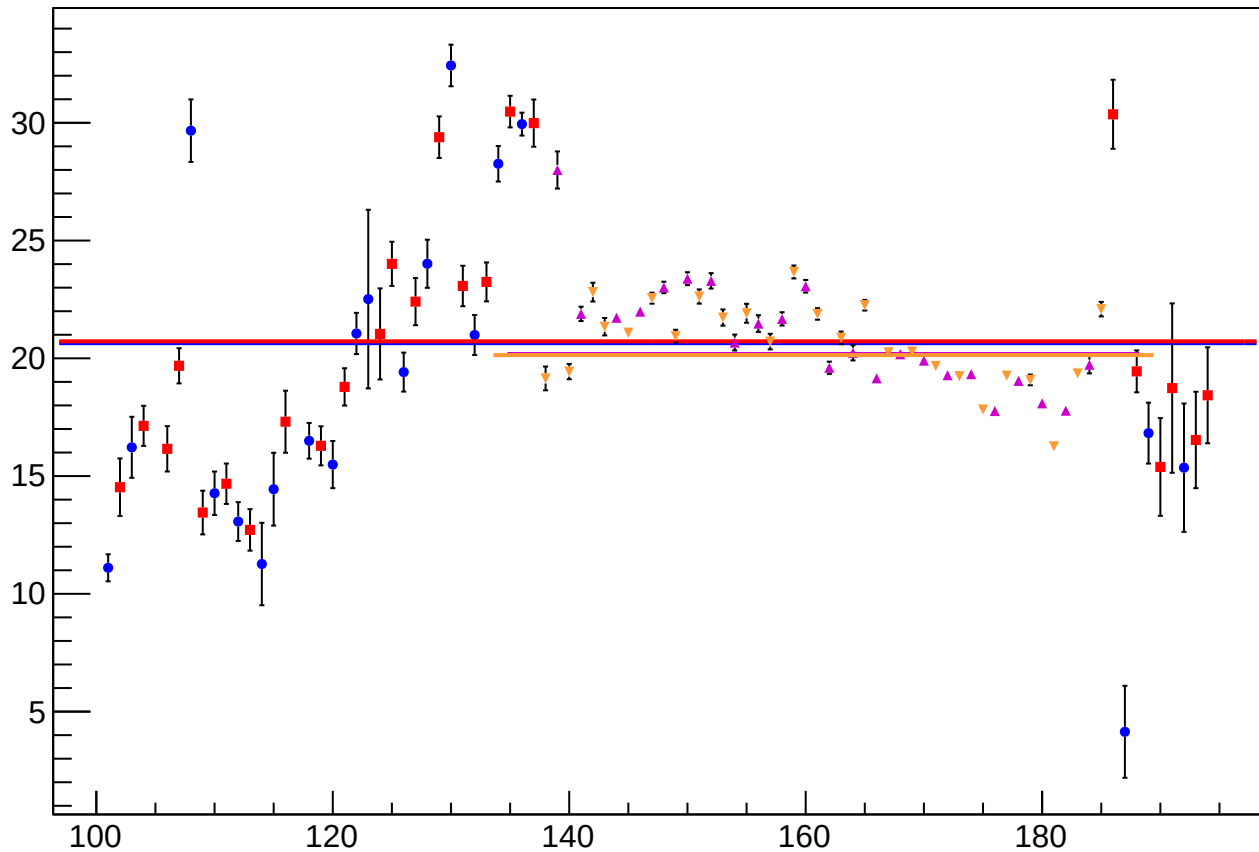
Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

+ sign -1.833 ± 0.051 $\chi^2/\text{NDF}: 17693.0/44$

All: -1.898 ± 0.035 $\chi^2/\text{NDF}: 37087.0/91$

- sign -1.961 ± 0.050 $\chi^2/\text{NDF}: 19390.7/46$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.644 $\pm$ 0.205 χ^2 /NDF: 1311.7/19

Left Out: 20.136 $\pm$ 0.046 χ^2 /NDF: 1414.2/24

Right Out: 20.722 $\pm$ 0.202 χ^2 /NDF: 786.0/23

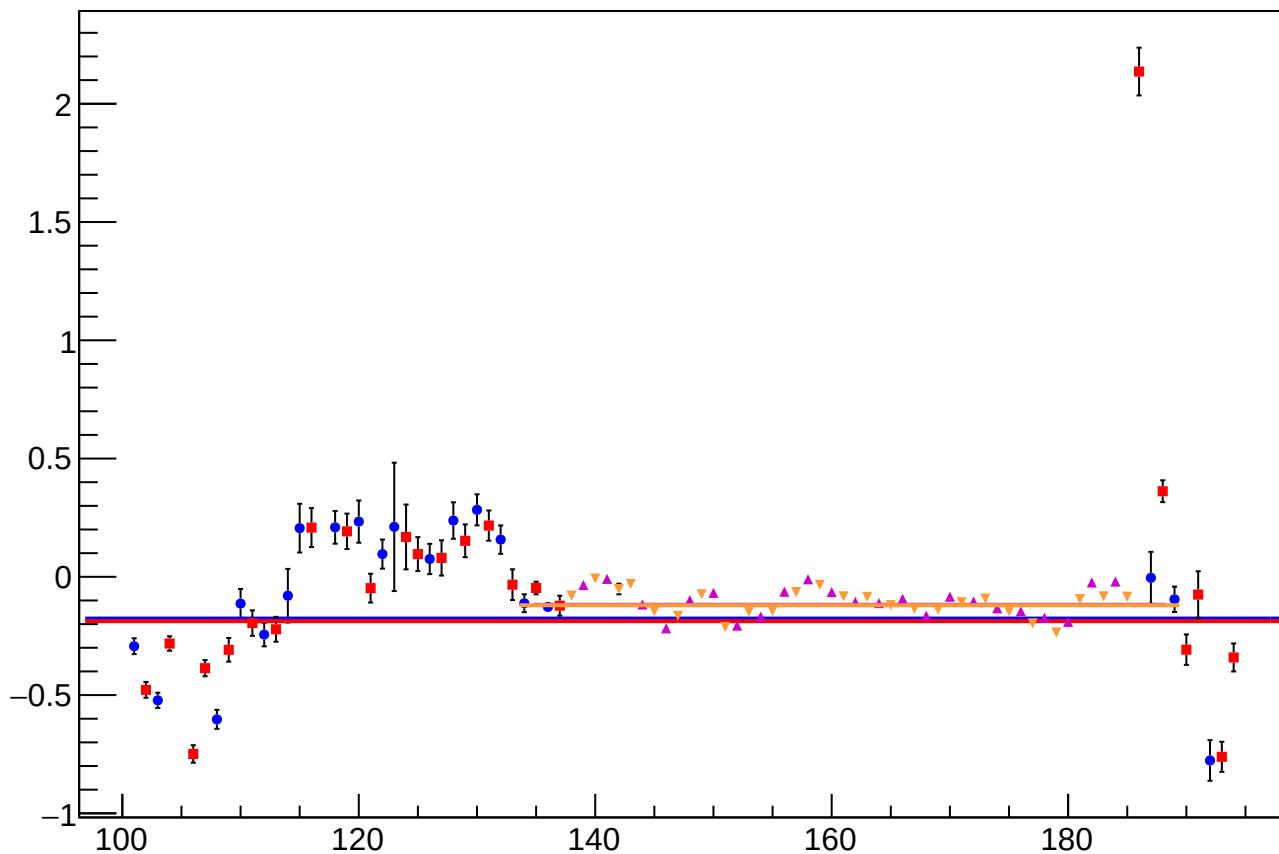
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.160 $\pm$ 0.045 χ^2 /NDF: 2731.8/44

All: 20.186 $\pm$ 0.032 χ^2 /NDF: 4995.9/91

- sign 20.211 $\pm$ 0.045 χ^2 /NDF: 2263.5/46

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.011 χ^2/NDF : 517.8/19

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.187 ± 0.010 χ^2/NDF : 1308.8/23

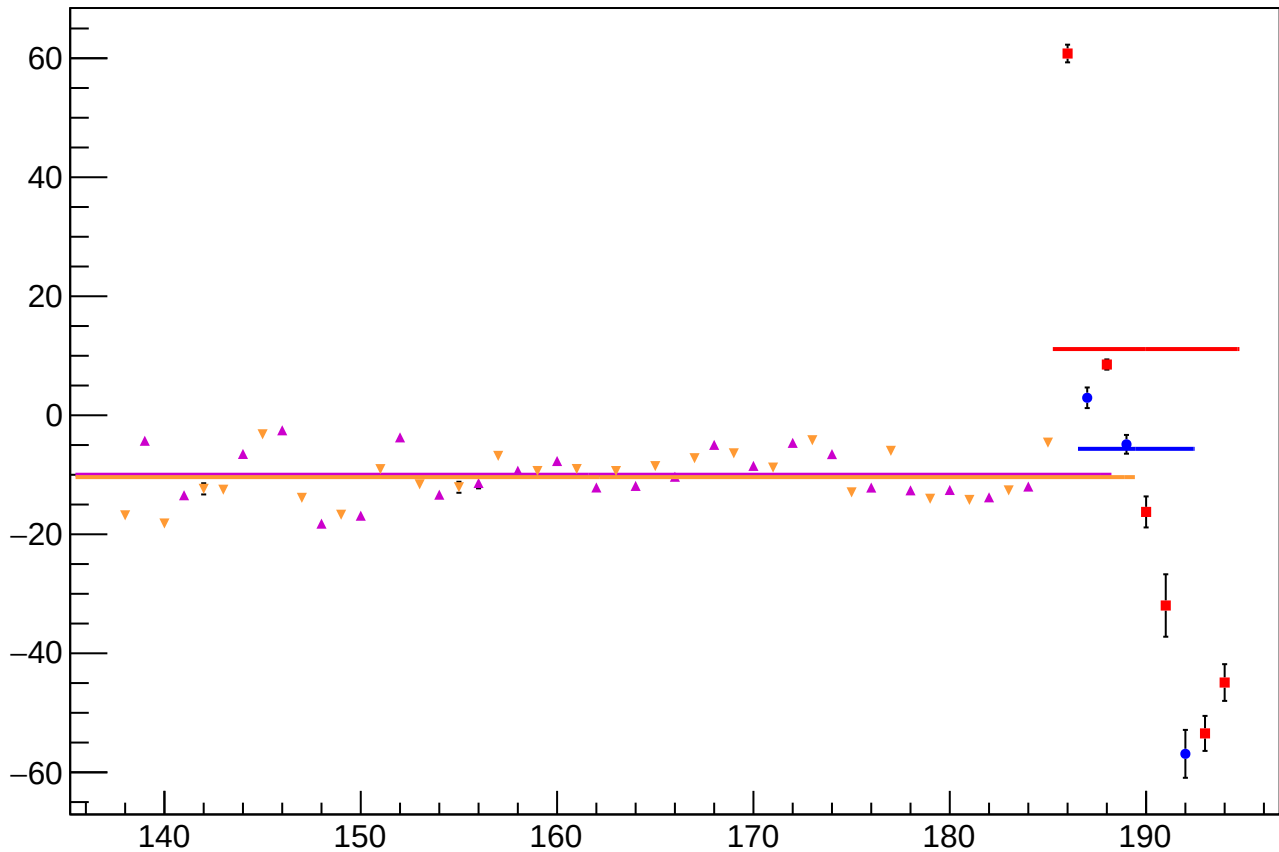
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1076.5/44

All: -0.122 ± 0.001 χ^2/NDF : 3157.4/91

- sign -0.121 ± 0.002 χ^2/NDF : 2080.9/46

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -5.638 ± 1.120 χ^2/NDF : 187.0/2

Left Out: -10.392 ± 0.088 χ^2/NDF : 2112.5/24

Right Out: 11.129 ± 0.672 χ^2/NDF : 2115.3/5

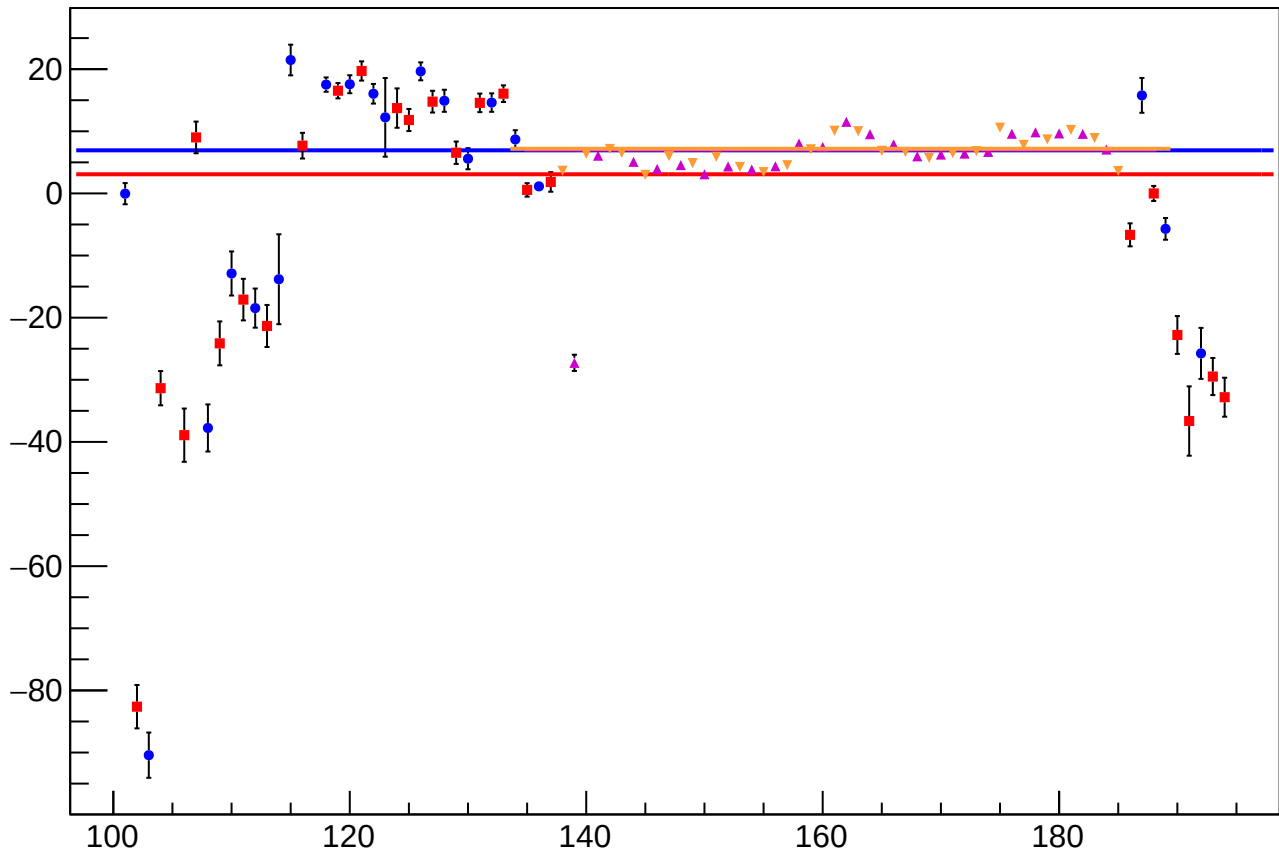
Left In: -9.990 ± 0.089 χ^2/NDF : 1794.2/22

+ sign -10.363 ± 0.088 χ^2/NDF : 2317.4/27

All: -9.997 ± 0.062 χ^2/NDF : 7231.4/56

- sign -9.625 ± 0.088 χ^2/NDF : 4878.9/28

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 6.934 ± 0.387 χ^2/NDF : 1488.0/19

Left Out: 7.187 ± 0.074 χ^2/NDF : 916.3/24

Right Out: 3.080 ± 0.389 χ^2/NDF : 1897.1/23

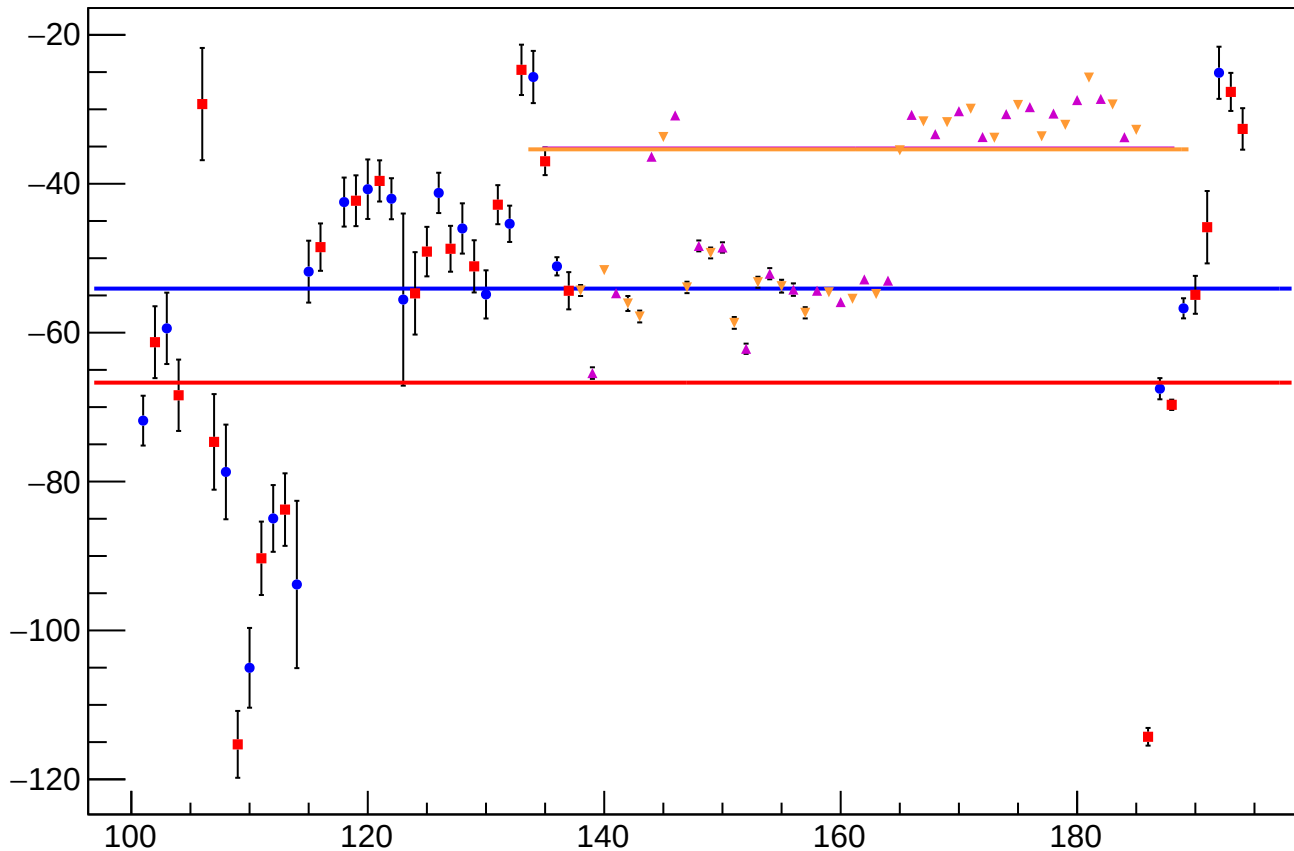
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.178 ± 0.072 χ^2/NDF : 2404.7/44

All: 7.042 ± 0.051 χ^2/NDF : 6013.8/91

- sign 6.905 ± 0.073 χ^2/NDF : 3602.0/46

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -54.081 ± 0.581 χ^2/NDF : 512.0/19

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -66.713 ± 0.455 χ^2/NDF : 3008.7/23

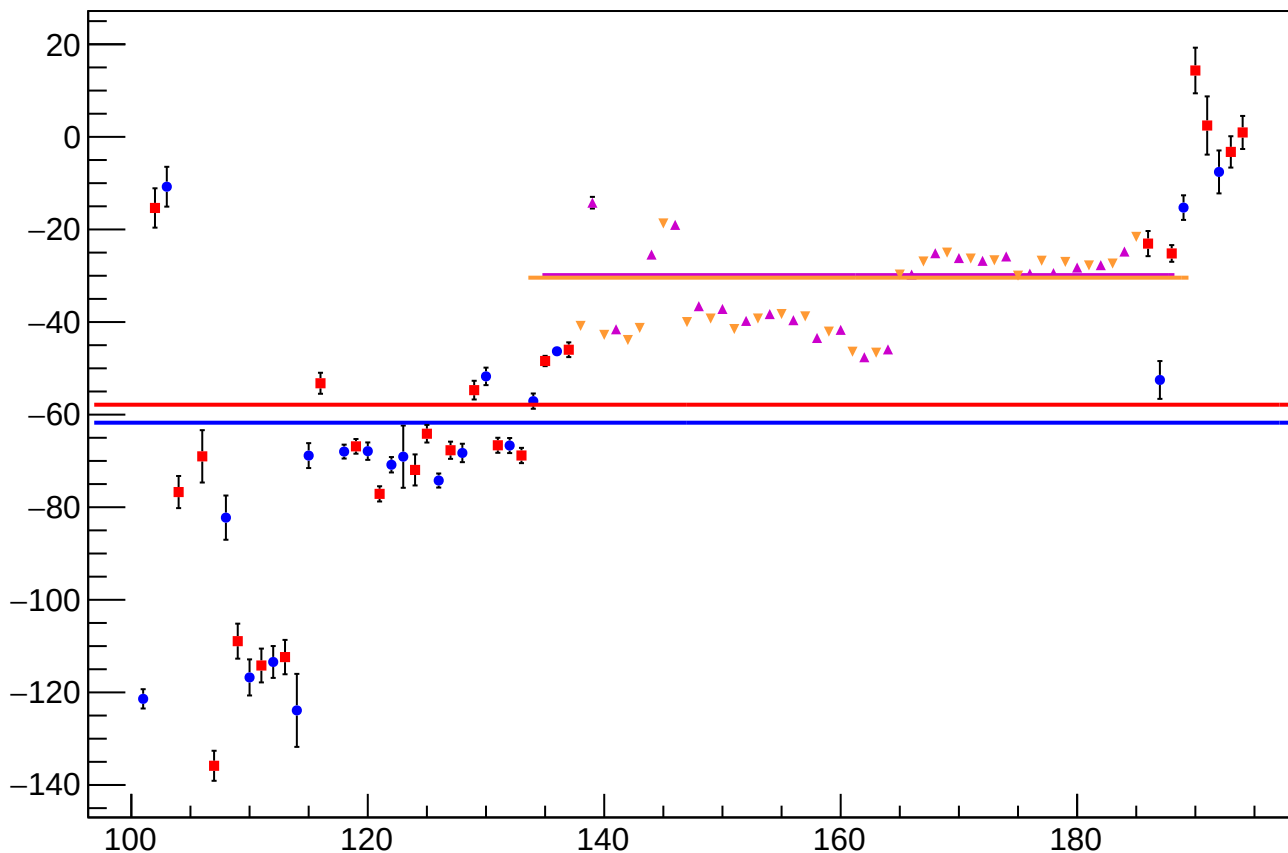
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.806 ± 0.088 χ^2/NDF : 14152.7/44

All: -36.124 ± 0.062 χ^2/NDF : 33565.5/91

- sign -36.441 ± 0.088 χ^2/NDF : 19386.9/46

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -61.741 $\pm$ 0.435 χ^2 /NDF: 2480.4/19

Left Out: -30.415 $\pm$ 0.082 χ^2 /NDF: 8132.2/24

Right Out: -57.856 $\pm$ 0.449 χ^2 /NDF: 3111.3/23

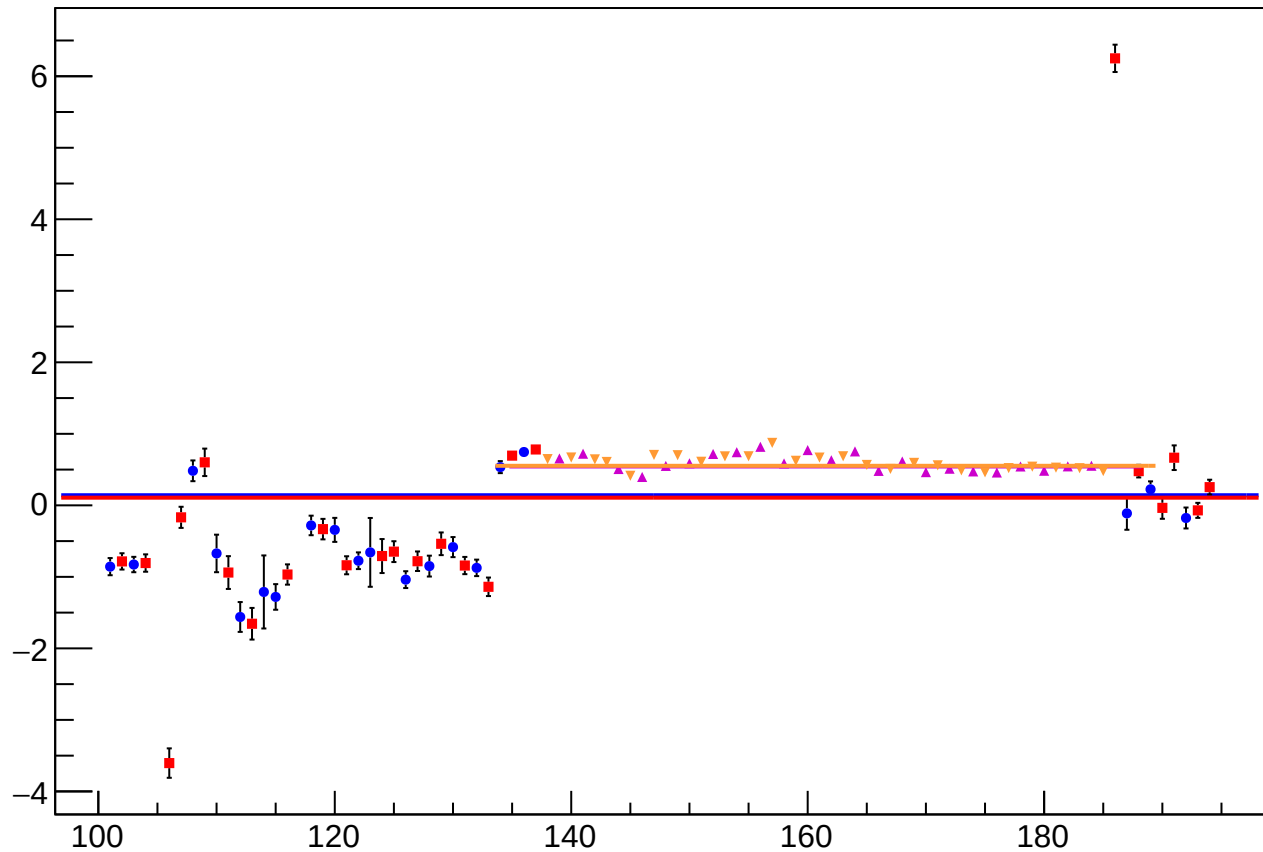
Left In: -29.863 $\pm$ 0.082 χ^2 /NDF: 7145.9/22

+ sign -31.481 $\pm$ 0.080 χ^2 /NDF: 15627.0/44

All: -31.130 $\pm$ 0.057 χ^2 /NDF: 29688.3/91

- sign -30.773 $\pm$ 0.081 χ^2 /NDF: 14022.7/46

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.141 $\pm$ 0.023 χ^2 /NDF: 996.5/19

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF: 542.9/24

Right Out: 0.107 $\pm$ 0.023 χ^2 /NDF: 2253.5/23

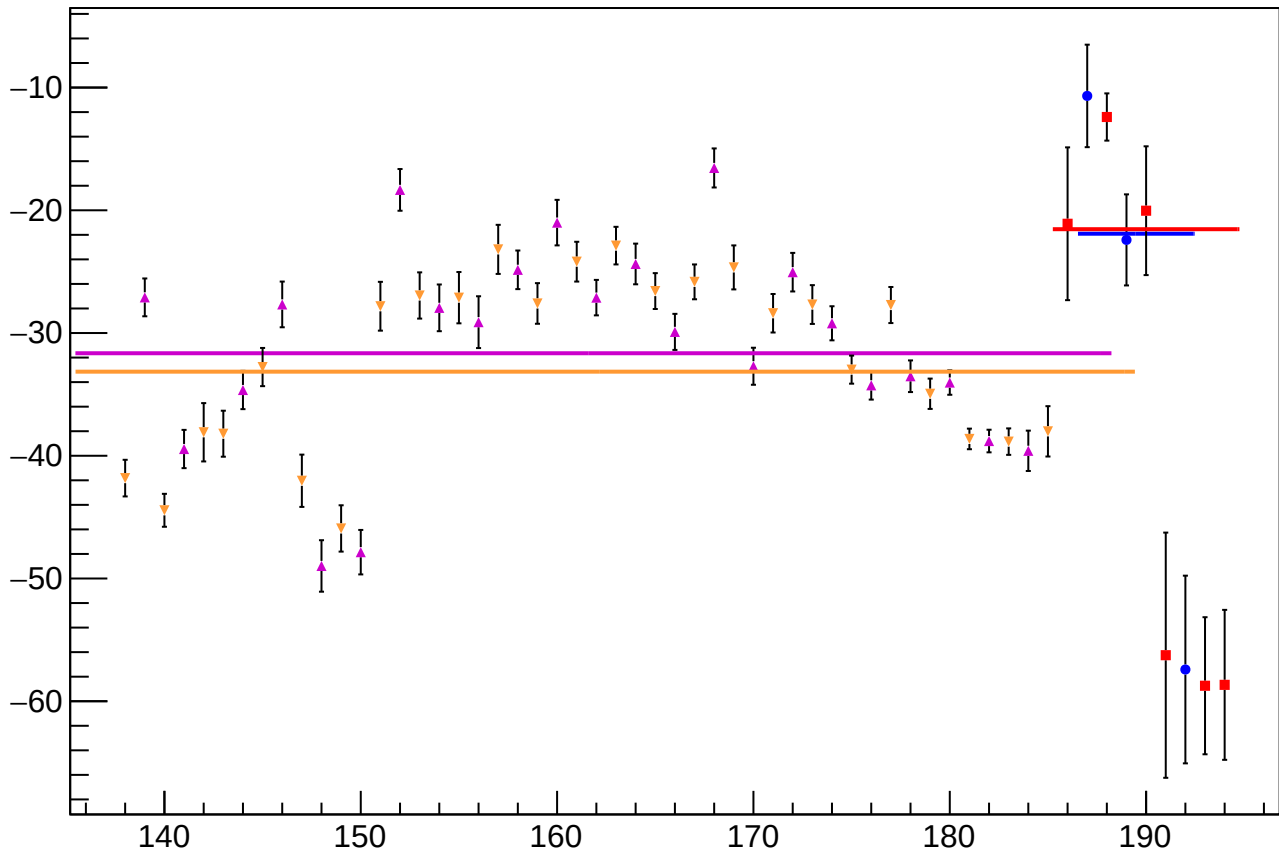
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 659.2/22

+ sign 0.542 $\pm$ 0.004 χ^2 /NDF: 1850.7/44

All: 0.537 $\pm$ 0.003 χ^2 /NDF: 5113.7/91

- sign 0.532 $\pm$ 0.004 χ^2 /NDF: 3259.1/46

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -21.908 ± 2.607 $\chi^2/\text{NDF}: 28.8/2$

Left Out: -33.148 ± 0.301 $\chi^2/\text{NDF}: 500.0/24$

Right Out: -21.540 ± 1.579 $\chi^2/\text{NDF}: 116.0/5$

Left In: -31.647 ± 0.308 $\chi^2/\text{NDF}: 546.9/22$

+ sign -33.001 ± 0.299 $\chi^2/\text{NDF}: 547.1/27$

All: -32.148 ± 0.212 $\chi^2/\text{NDF}: 1266.0/56$

- sign -31.278 ± 0.302 $\chi^2/\text{NDF}: 702.4/28$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -47.922 ± 0.705 $\chi^2/\text{NDF}: 1281.4/19$

Left Out: -34.256 ± 0.242 $\chi^2/\text{NDF}: 693.3/24$

Right Out: -52.450 ± 0.716 $\chi^2/\text{NDF}: 2075.3/23$

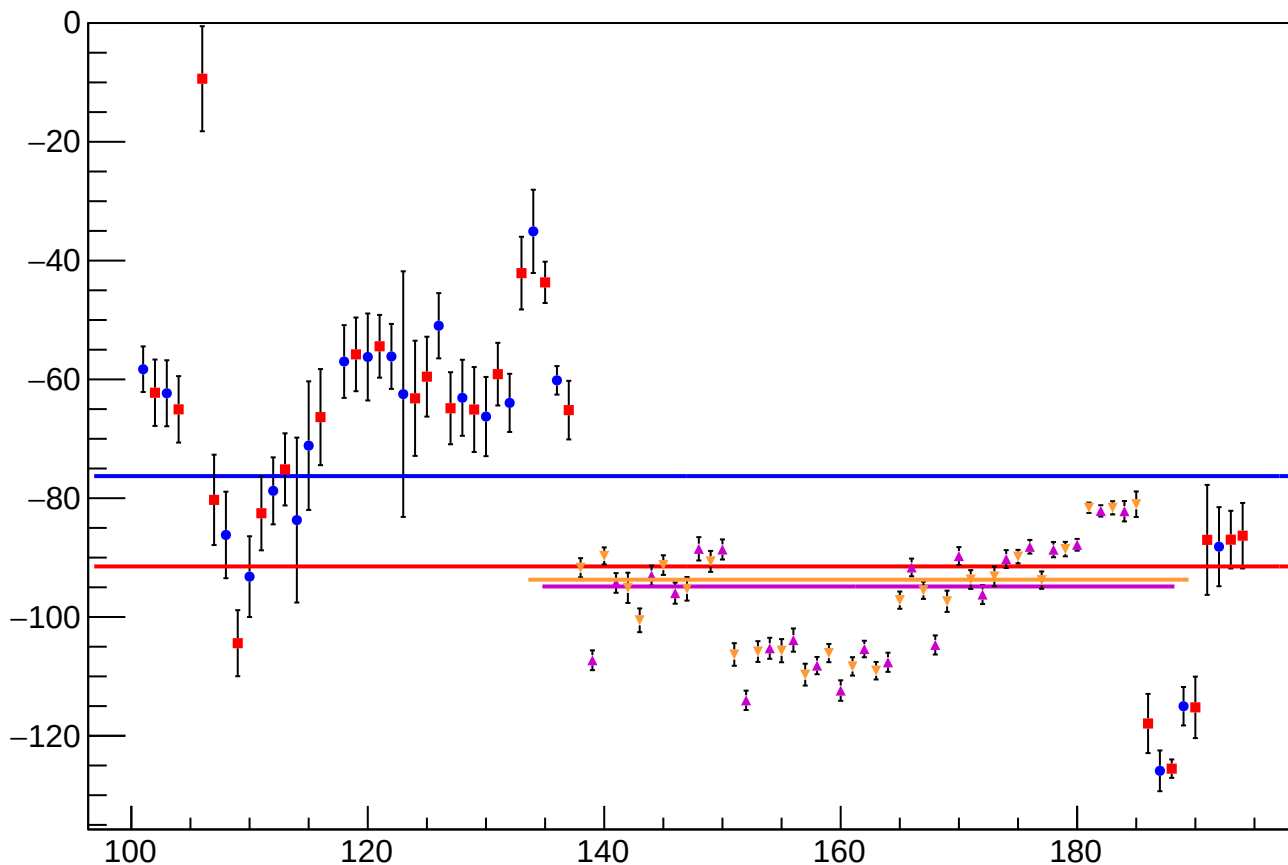
Left In: -34.189 ± 0.250 $\chi^2/\text{NDF}: 1546.1/22$

+ sign -35.698 ± 0.229 $\chi^2/\text{NDF}: 2310.8/44$

All: -35.930 ± 0.164 $\chi^2/\text{NDF}: 6514.1/91$

- sign -36.177 ± 0.236 $\chi^2/\text{NDF}: 4201.1/46$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -76.280 ± 1.128 χ^2/NDF : 537.7/19

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -91.486 ± 0.952 χ^2/NDF : 1162.4/23

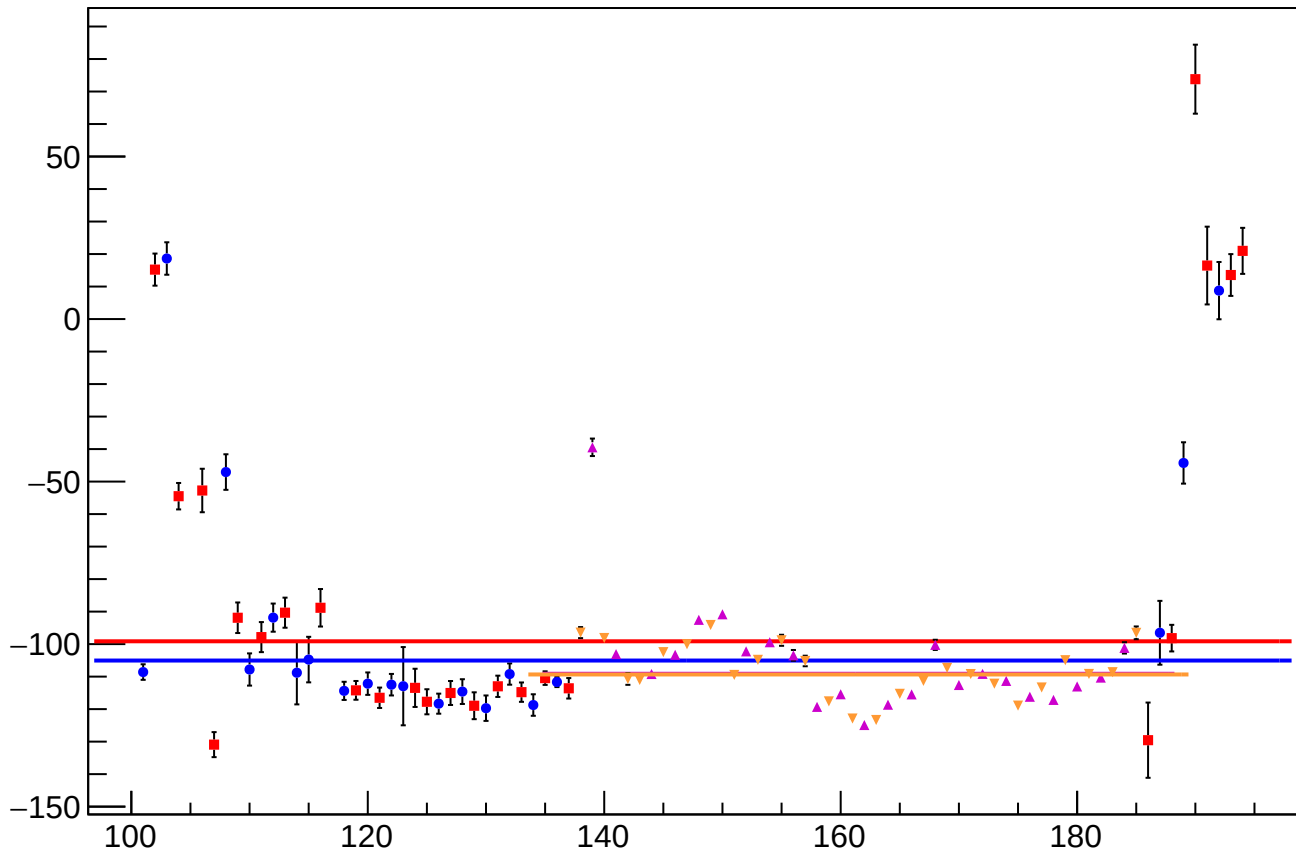
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.551 ± 0.292 χ^2/NDF : 1638.7/44

All: -93.545 ± 0.207 χ^2/NDF : 3821.2/91

- sign -94.542 ± 0.292 χ^2/NDF : 2159.3/46

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -105.054 ± 0.799 $\chi^2/\text{NDF}: 1093.4/19$

Left Out: -109.338 ± 0.272 $\chi^2/\text{NDF}: 826.2/24$

Right Out: -99.132 ± 0.824 $\chi^2/\text{NDF}: 1968.3/23$

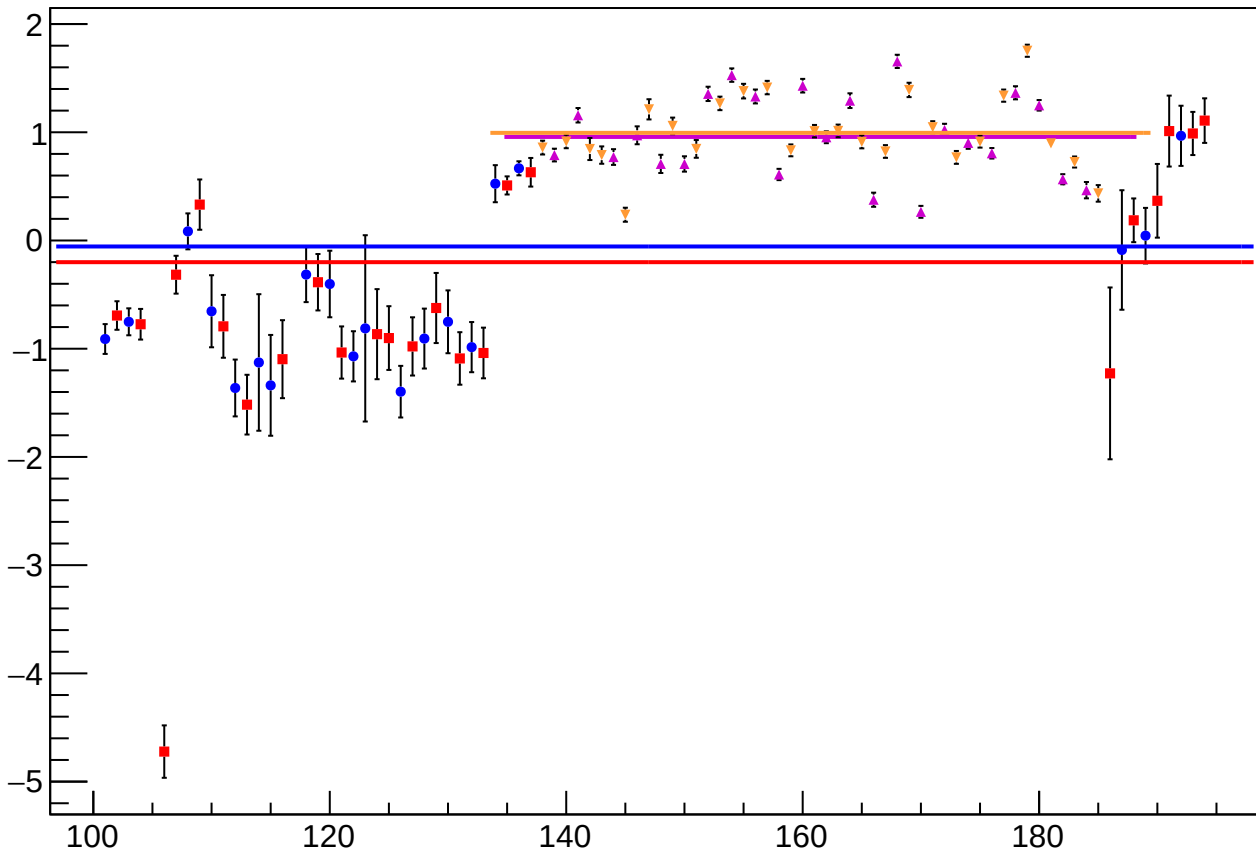
Left In: -109.126 ± 0.279 $\chi^2/\text{NDF}: 1578.7/22$

+ sign -108.893 ± 0.257 $\chi^2/\text{NDF}: 1945.4/44$

All: -108.506 ± 0.184 $\chi^2/\text{NDF}: 5629.1/91$

- sign -108.097 ± 0.264 $\chi^2/\text{NDF}: 3679.1/46$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.055 ± 0.041 χ^2/NDF : 343.0/19

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: -0.200 ± 0.041 χ^2/NDF : 683.8/23

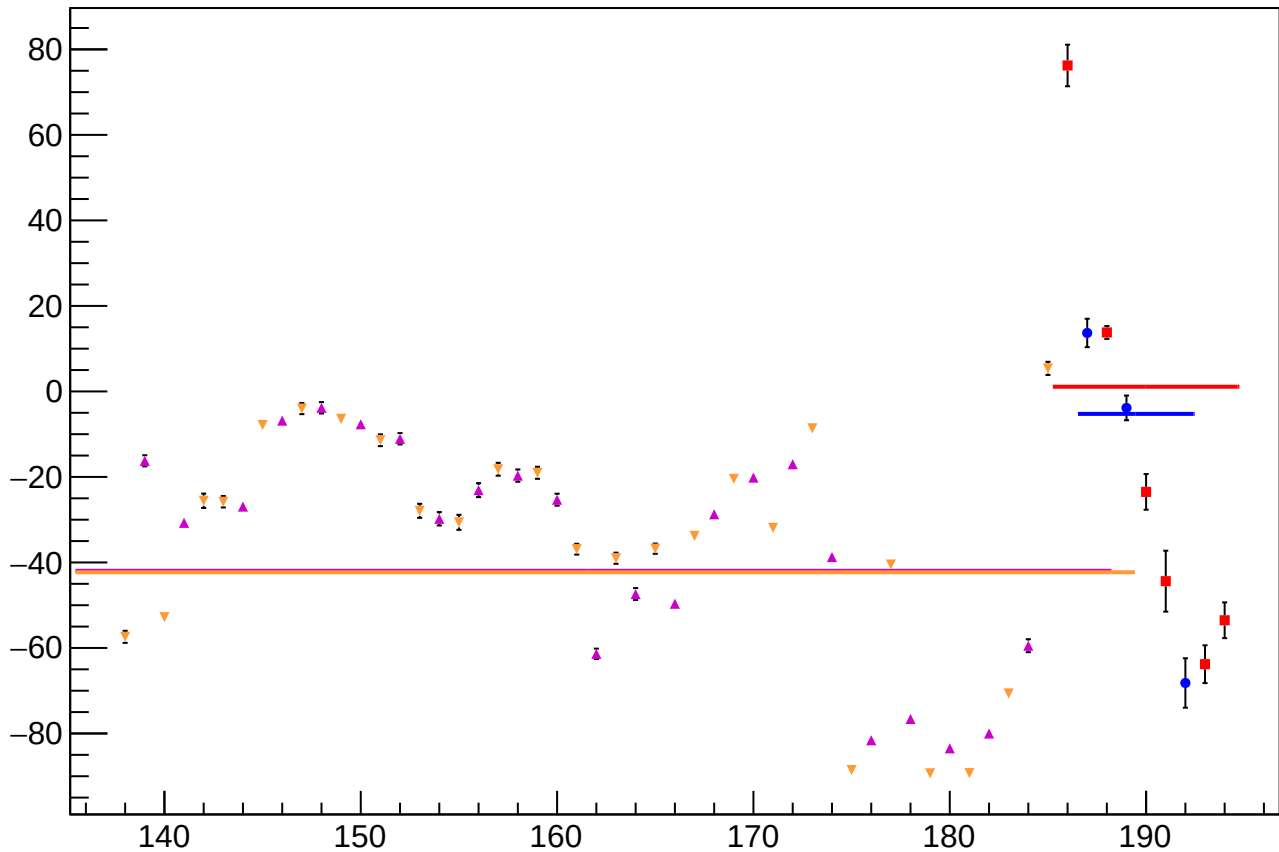
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.906 ± 0.012 χ^2/NDF : 1577.8/44

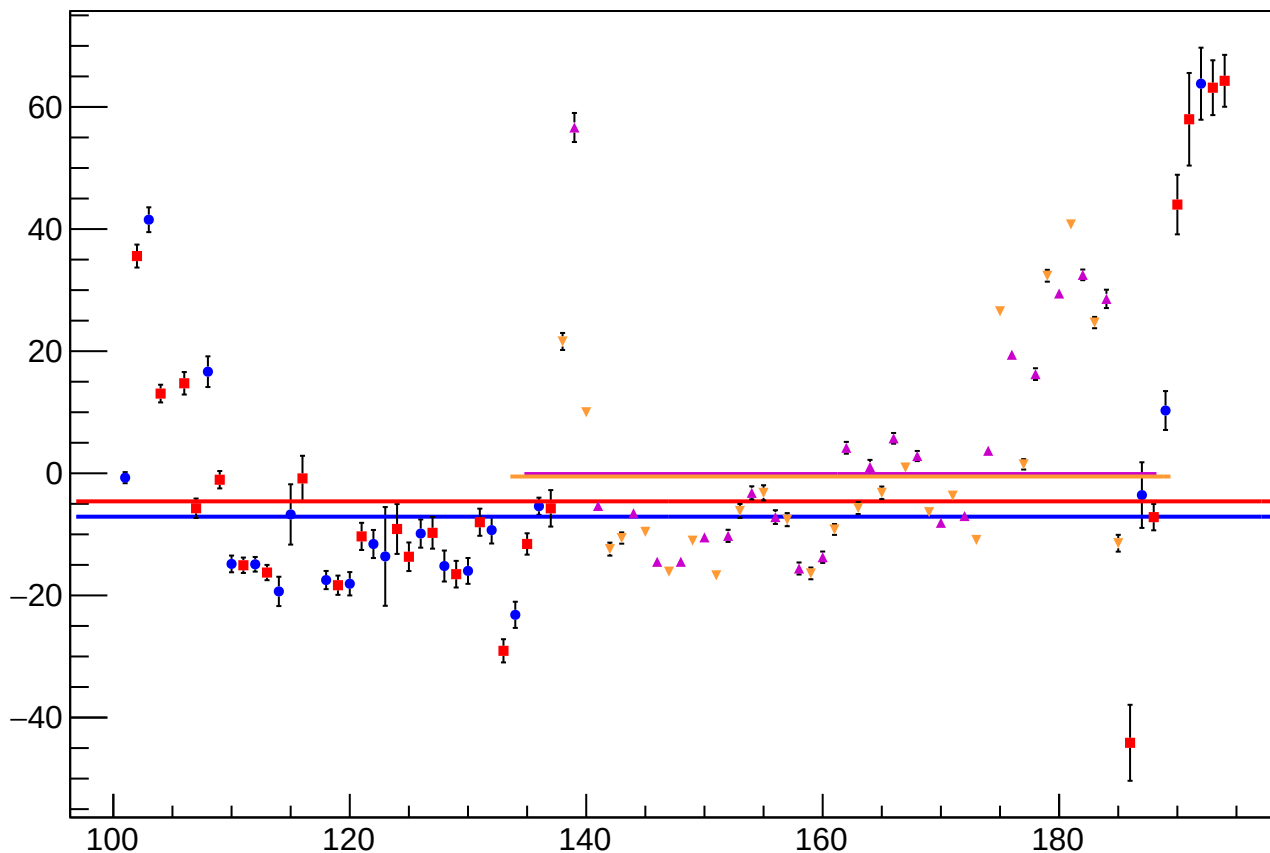
All: 0.881 ± 0.008 χ^2/NDF : 3910.6/91

- sign 0.855 ± 0.012 χ^2/NDF : 2323.6/46

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.105 ± 0.421 χ^2/NDF : 1160.2/19

Left Out: -0.527 ± 0.175 χ^2/NDF : 8707.9/24

Right Out: -4.594 ± 0.415 χ^2/NDF : 1895.2/23

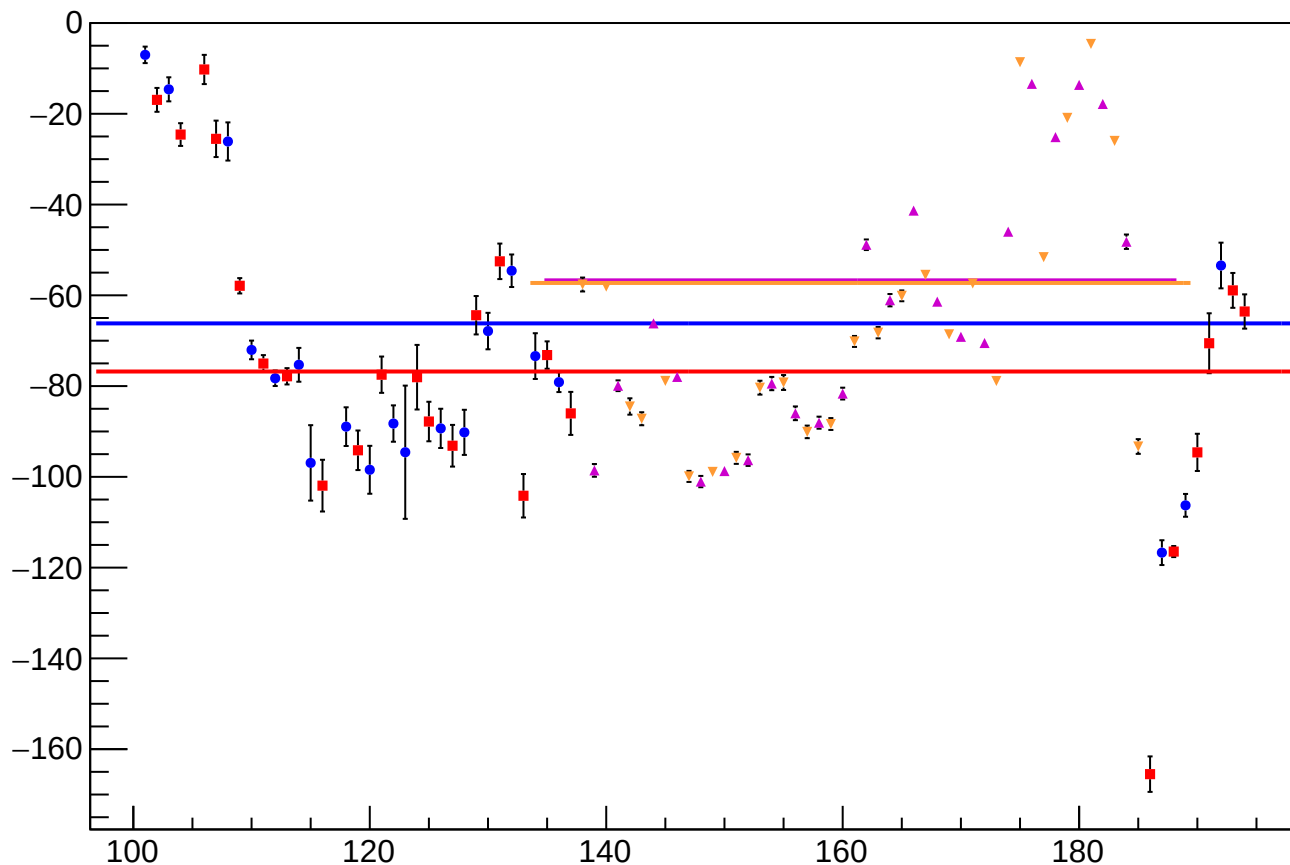
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ sign -1.493 ± 0.161 χ^2/NDF : 10076.2/44

All: -1.164 ± 0.115 χ^2/NDF : 19002.8/91

- sign -0.824 ± 0.164 χ^2/NDF : 8918.2/46

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -66.188 ± 0.684 χ^2/NDF : 2410.9/19

Left Out: -57.276 ± 0.224 χ^2/NDF : 18511.1/24

Right Out: -76.788 ± 0.582 χ^2/NDF : 3437.8/23

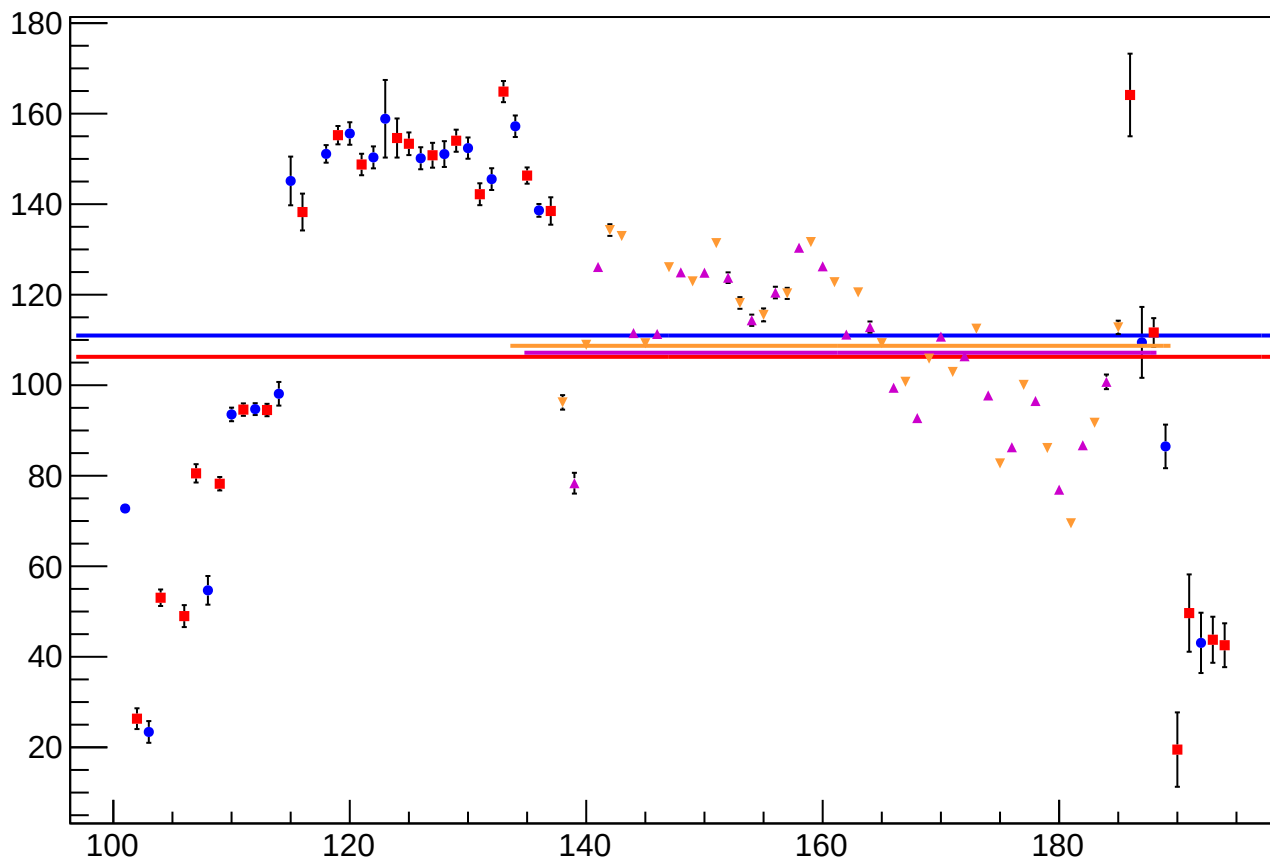
Left In: -56.705 ± 0.226 χ^2/NDF : 16547.5/22

+ sign -58.137 ± 0.213 χ^2/NDF : 21075.5/44

All: -58.744 ± 0.150 χ^2/NDF : 42112.8/91

- sign -59.340 ± 0.211 χ^2/NDF : 21021.2/46

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 110.980 ± 0.482 χ^2/NDF : 6090.9/19

Left Out: 108.709 ± 0.198 χ^2/NDF : 7297.0/24

Right Out: 106.275 ± 0.476 χ^2/NDF : 7359.8/23

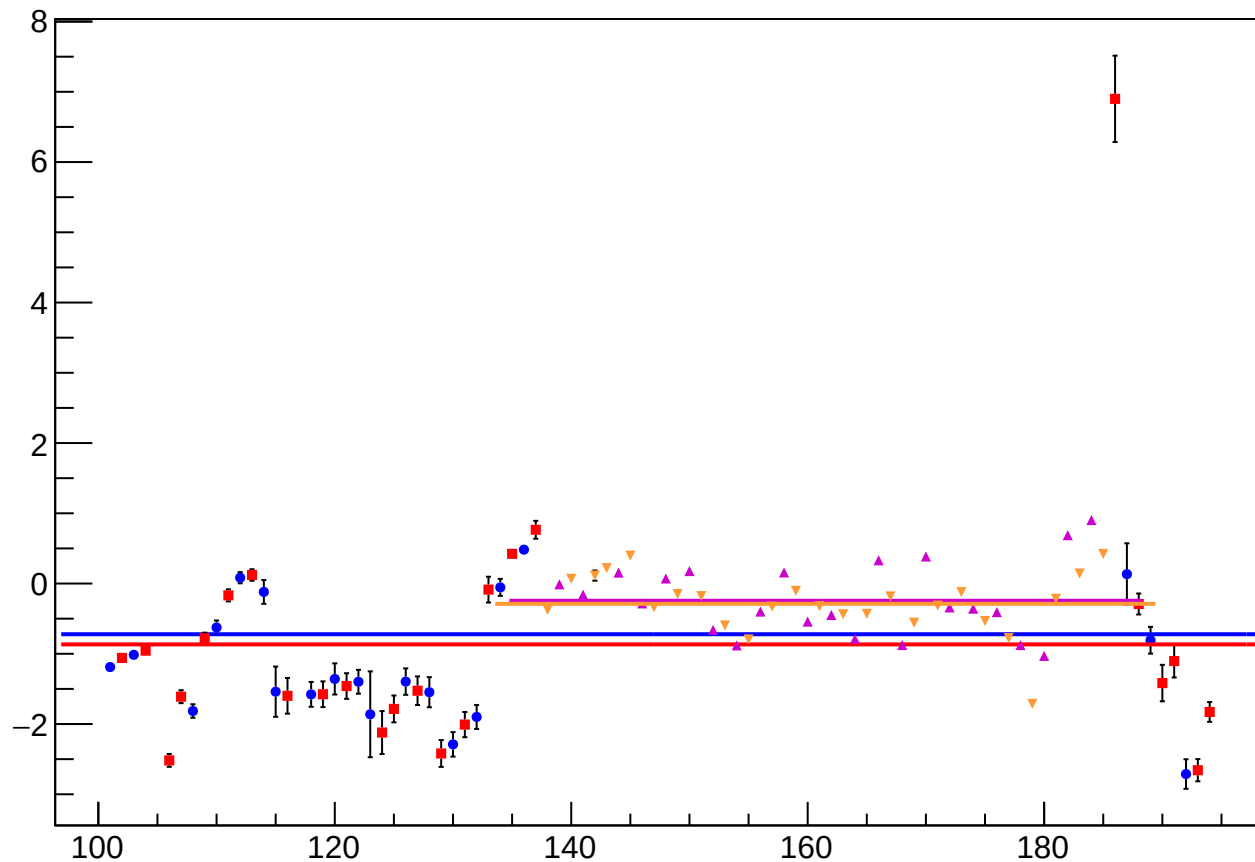
Left In: 107.180 ± 0.202 χ^2/NDF : 5592.3/22

+ sign 109.036 ± 0.183 χ^2/NDF : 13406.9/44

All: 108.054 ± 0.130 χ^2/NDF : 26420.6/91

- sign 107.042 ± 0.186 χ^2/NDF : 12955.2/46

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.722 ± 0.025 χ^2/NDF : 1088.0/19

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.866 ± 0.023 χ^2/NDF : 1669.7/23

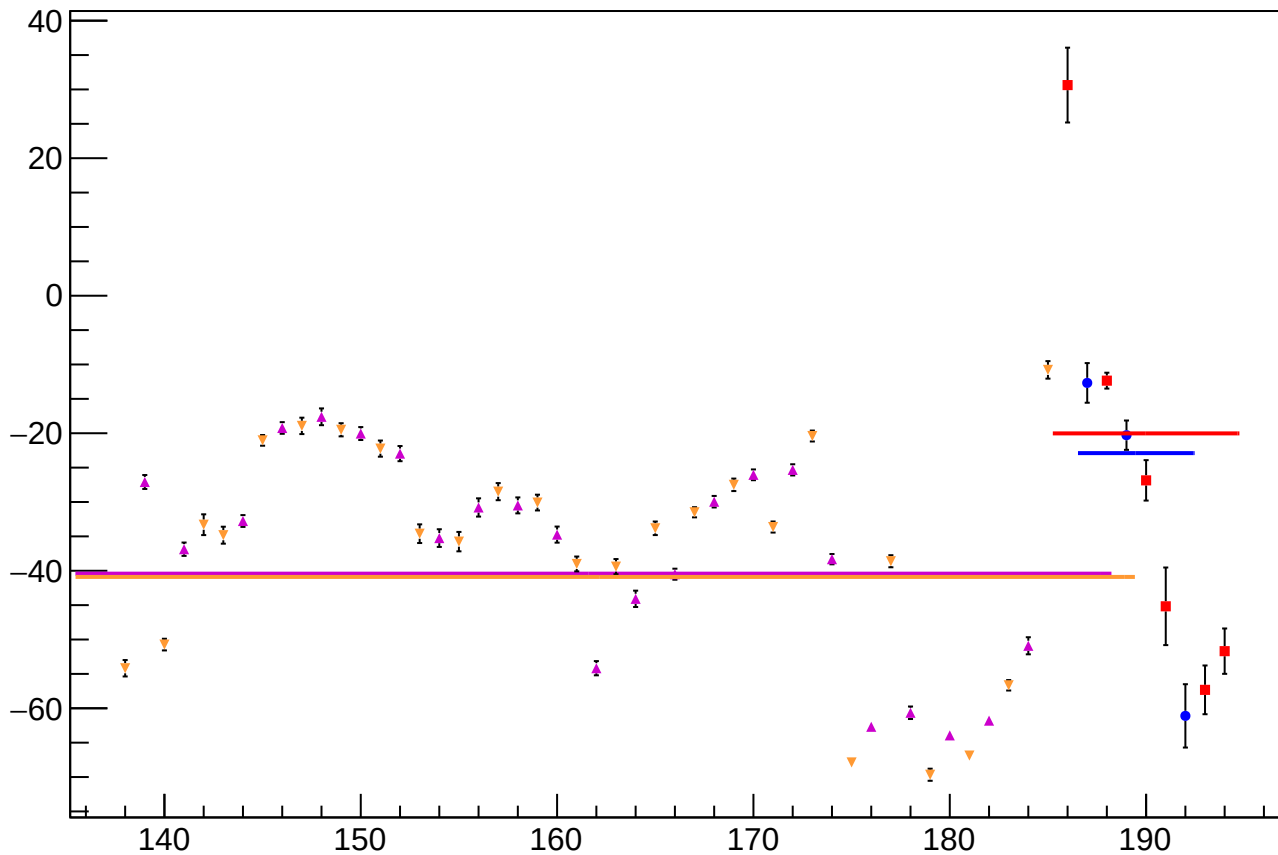
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.338 ± 0.009 χ^2/NDF : 3386.6/44

All: -0.334 ± 0.006 χ^2/NDF : 8474.5/91

- sign -0.329 ± 0.009 χ^2/NDF : 5087.3/46

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -22.891 ± 1.607 $\chi^2/\text{NDF}: 82.9/2$

Left Out: -40.897 ± 0.186 $\chi^2/\text{NDF}: 9114.7/24$

Right Out: -20.022 ± 0.953 $\chi^2/\text{NDF}: 359.0/5$

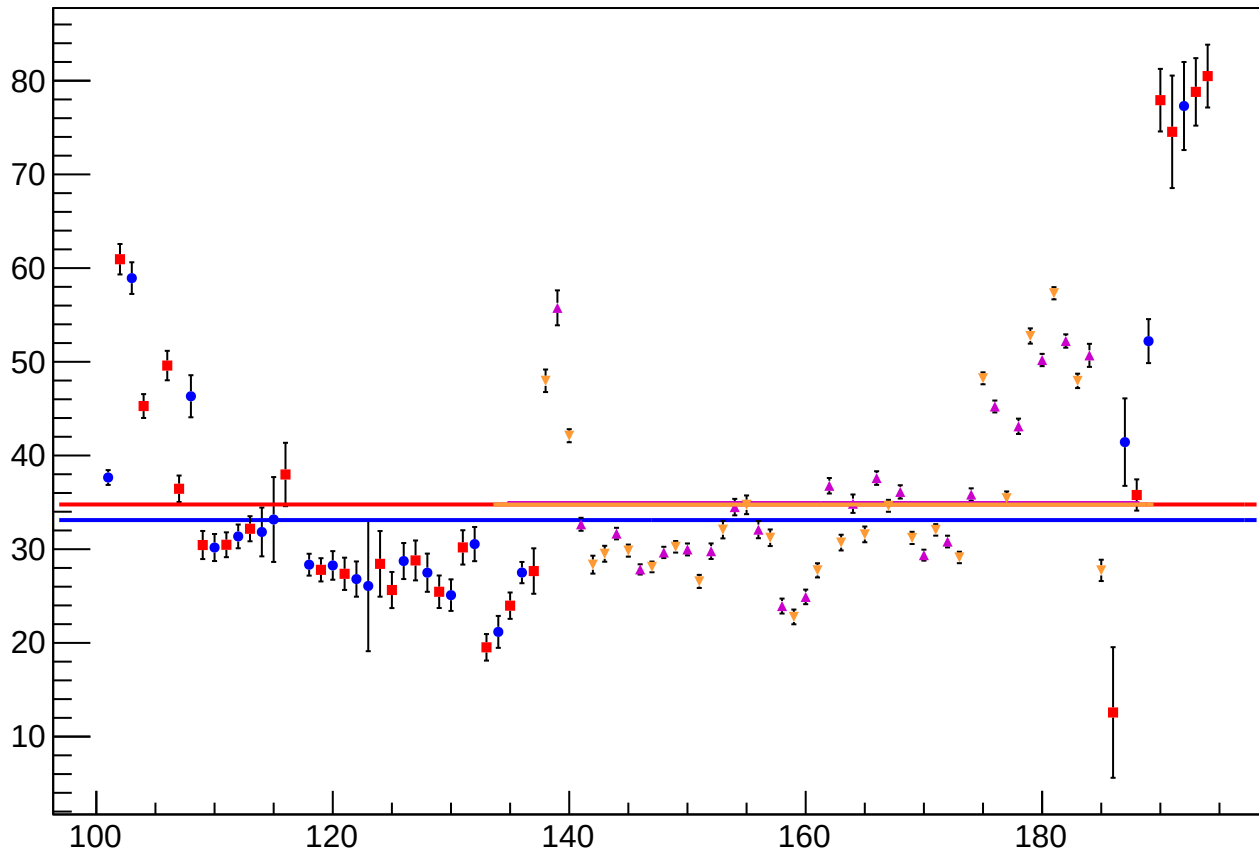
Left In: -40.422 ± 0.189 $\chi^2/\text{NDF}: 7030.2/22$

+ sign -40.658 ± 0.185 $\chi^2/\text{NDF}: 9321.4/27$

All: -40.154 ± 0.131 $\chi^2/\text{NDF}: 17166.7/56$

- sign -39.650 ± 0.185 $\chi^2/\text{NDF}: 7830.4/28$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 33.107 $\pm$ 0.366 χ^2 /NDF: 614.8/19

Left Out: 34.768 $\pm$ 0.148 χ^2 /NDF: 3677.3/24

Right Out: 34.773 $\pm$ 0.363 χ^2 /NDF: 1300.5/23

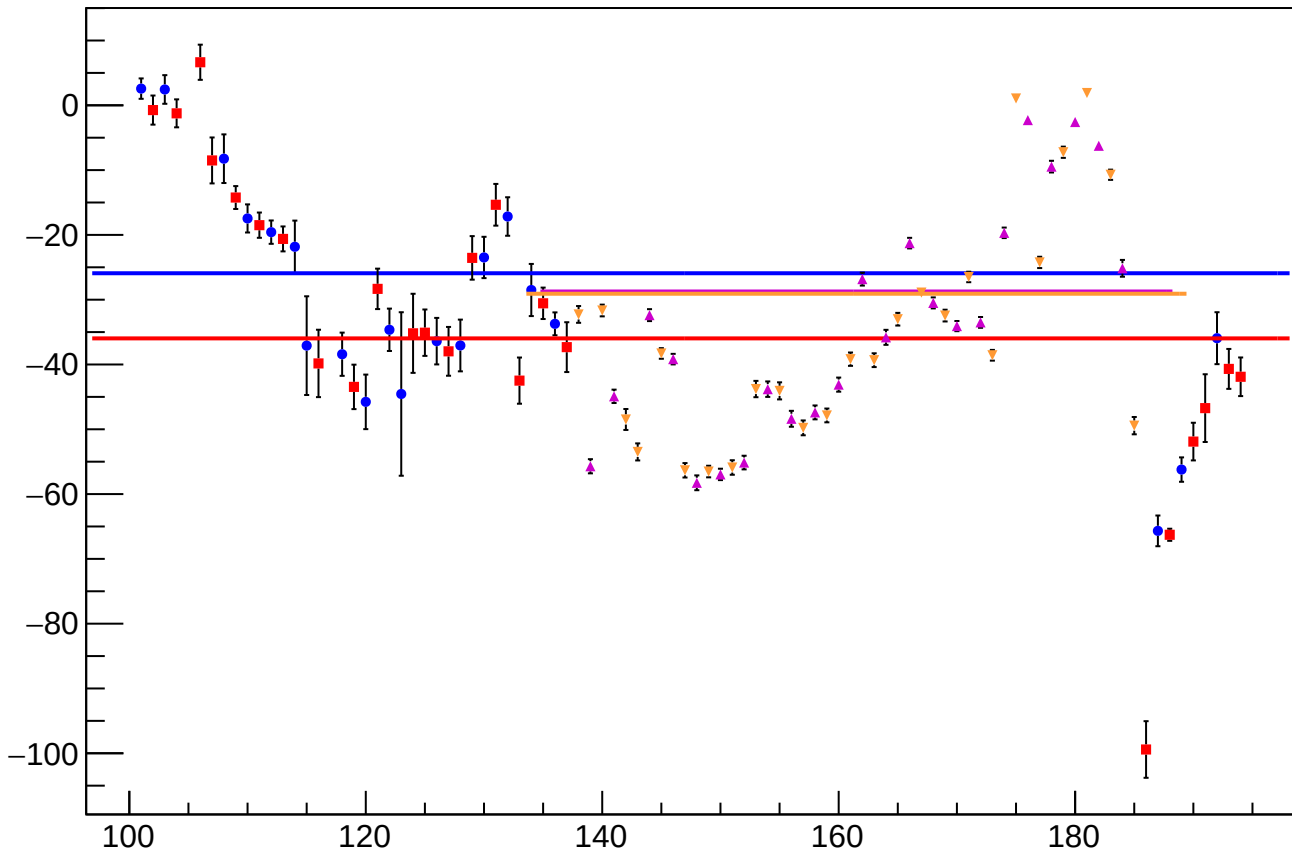
Left In: 34.928 $\pm$ 0.151 χ^2 /NDF: 2688.4/22

+ sign 34.535 $\pm$ 0.137 χ^2 /NDF: 4309.9/44

All: 34.717 $\pm$ 0.098 χ^2 /NDF: 8302.5/91

- sign 34.905 $\pm$ 0.139 χ^2 /NDF: 3989.1/46

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -25.918 ± 0.600 χ^2/NDF : 1183.5/19

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -35.972 ± 0.503 χ^2/NDF : 2486.4/23

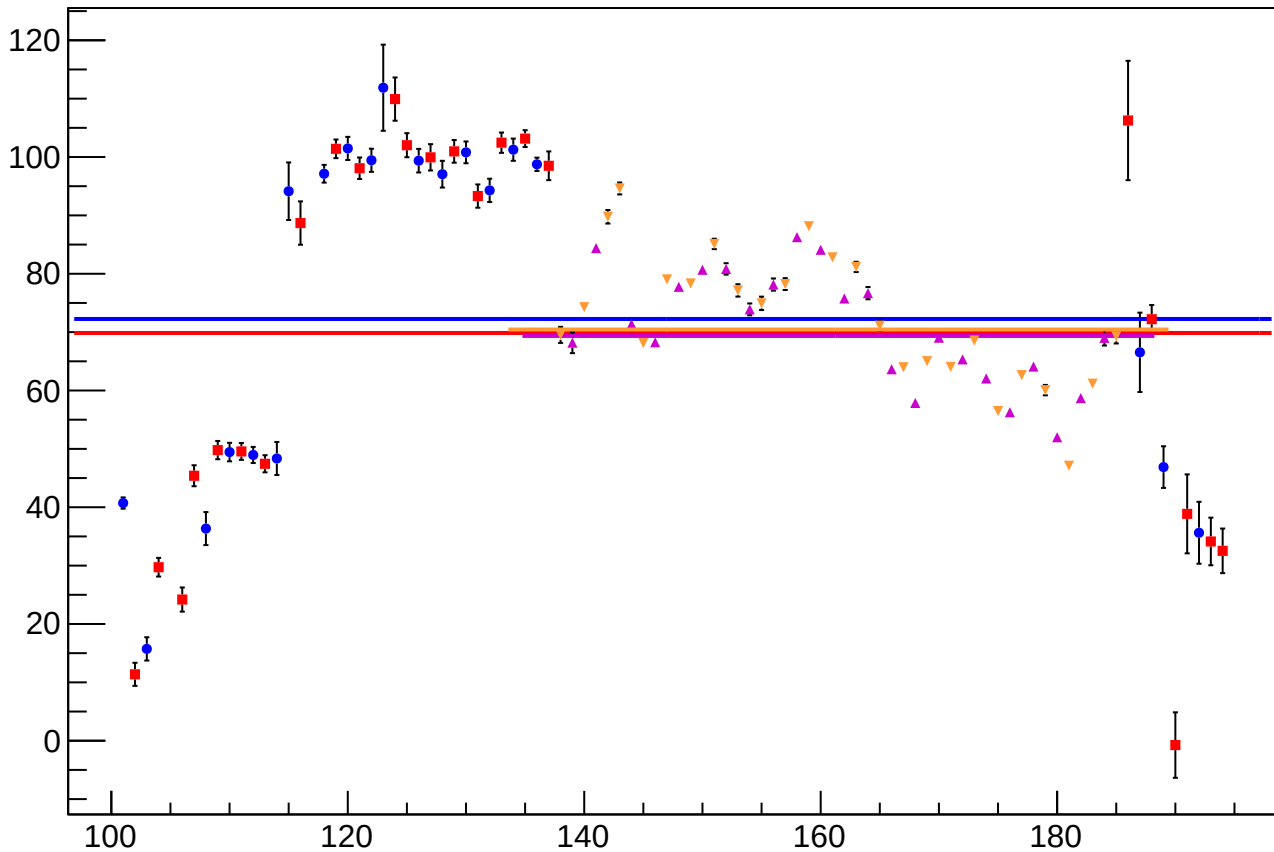
Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -28.799 ± 0.179 χ^2/NDF : 11268.3/44

All: -29.219 ± 0.126 χ^2/NDF : 23102.6/91

- sign -29.630 ± 0.177 χ^2/NDF : 11823.4/46

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.255 $\pm$ 0.421 χ^2 /NDF: 4839.0/19

Left Out: 70.450 $\pm$ 0.167 χ^2 /NDF: 4484.7/24

Right Out: 69.857 $\pm$ 0.420 χ^2 /NDF: 5743.2/23

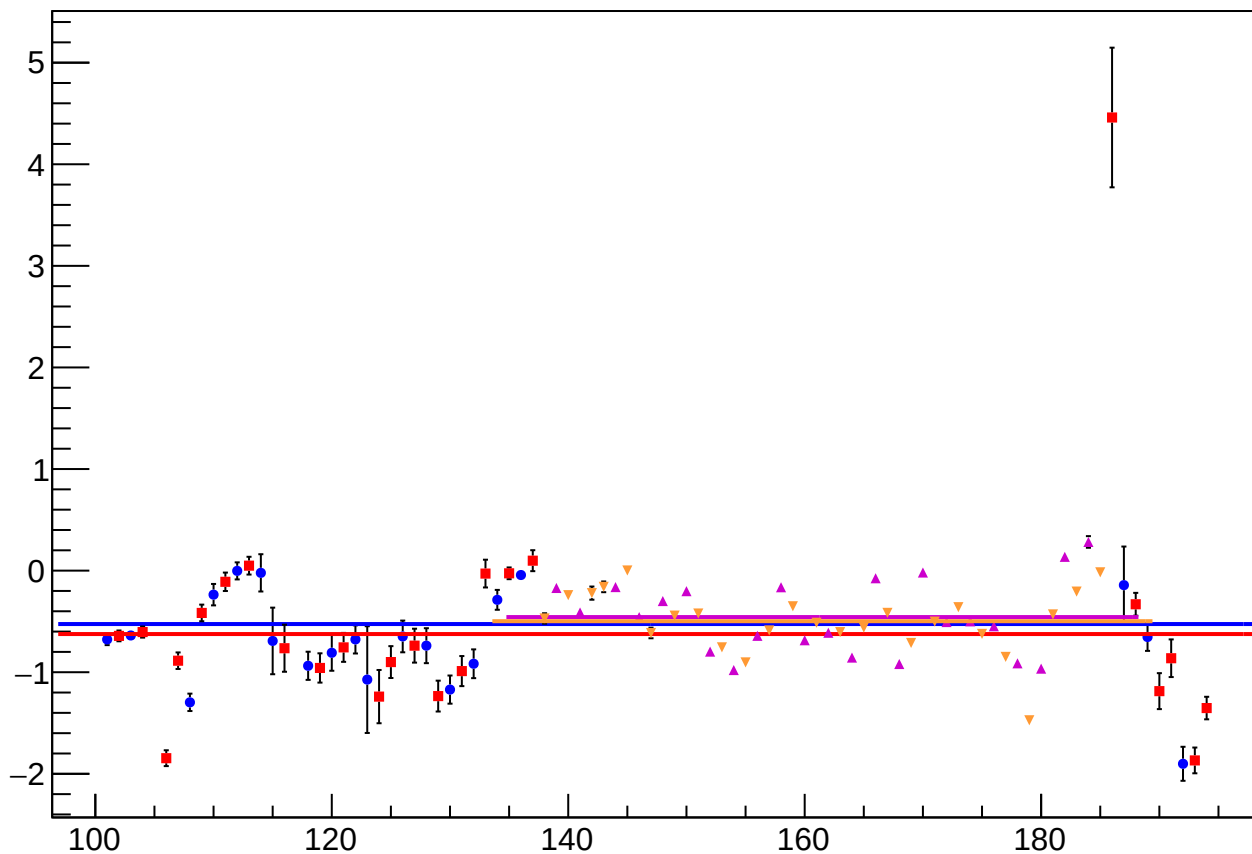
Left In: 69.350 $\pm$ 0.170 χ^2 /NDF: 3330.7/22

+ sign 70.694 $\pm$ 0.155 χ^2 /NDF: 9339.6/44

All: 70.068 $\pm$ 0.110 χ^2 /NDF: 18448.0/91

- sign 69.421 $\pm$ 0.157 χ^2 /NDF: 9075.2/46

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.526 ± 0.022 χ^2/NDF : 374.3/19

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.624 ± 0.020 χ^2/NDF : 780.2/23

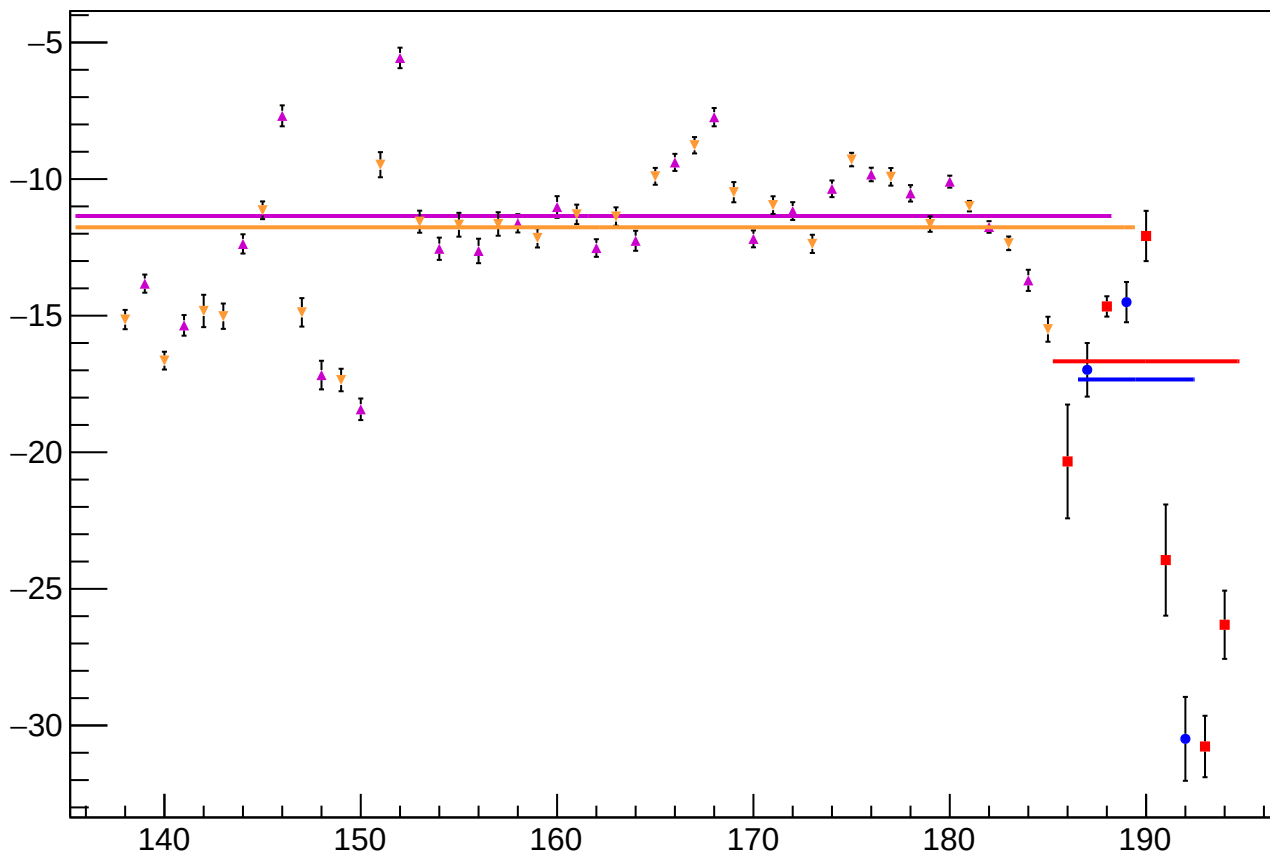
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.501 ± 0.007 χ^2/NDF : 1816.5/44

All: -0.490 ± 0.005 χ^2/NDF : 4636.6/91

- sign -0.478 ± 0.007 χ^2/NDF : 2815.0/46

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -17.335 ± 0.550 $\chi^2/\text{NDF}: 88.3/2$

Left Out: -11.764 ± 0.067 $\chi^2/\text{NDF}: 1025.9/24$

Right Out: -16.671 ± 0.312 $\chi^2/\text{NDF}: 286.5/5$

Left In: -11.352 ± 0.068 $\chi^2/\text{NDF}: 1280.6/22$

+ sign -11.845 ± 0.066 $\chi^2/\text{NDF}: 1215.2/27$

All: -11.718 ± 0.047 $\chi^2/\text{NDF}: 3068.1/56$

- sign -11.591 ± 0.066 $\chi^2/\text{NDF}: 1845.6/28$

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.289 ± 0.147 χ^2/NDF : 1469.7/19

Left Out: -30.201 ± 0.054 χ^2/NDF : 725.7/24

Right Out: -34.806 ± 0.141 χ^2/NDF : 2020.4/23

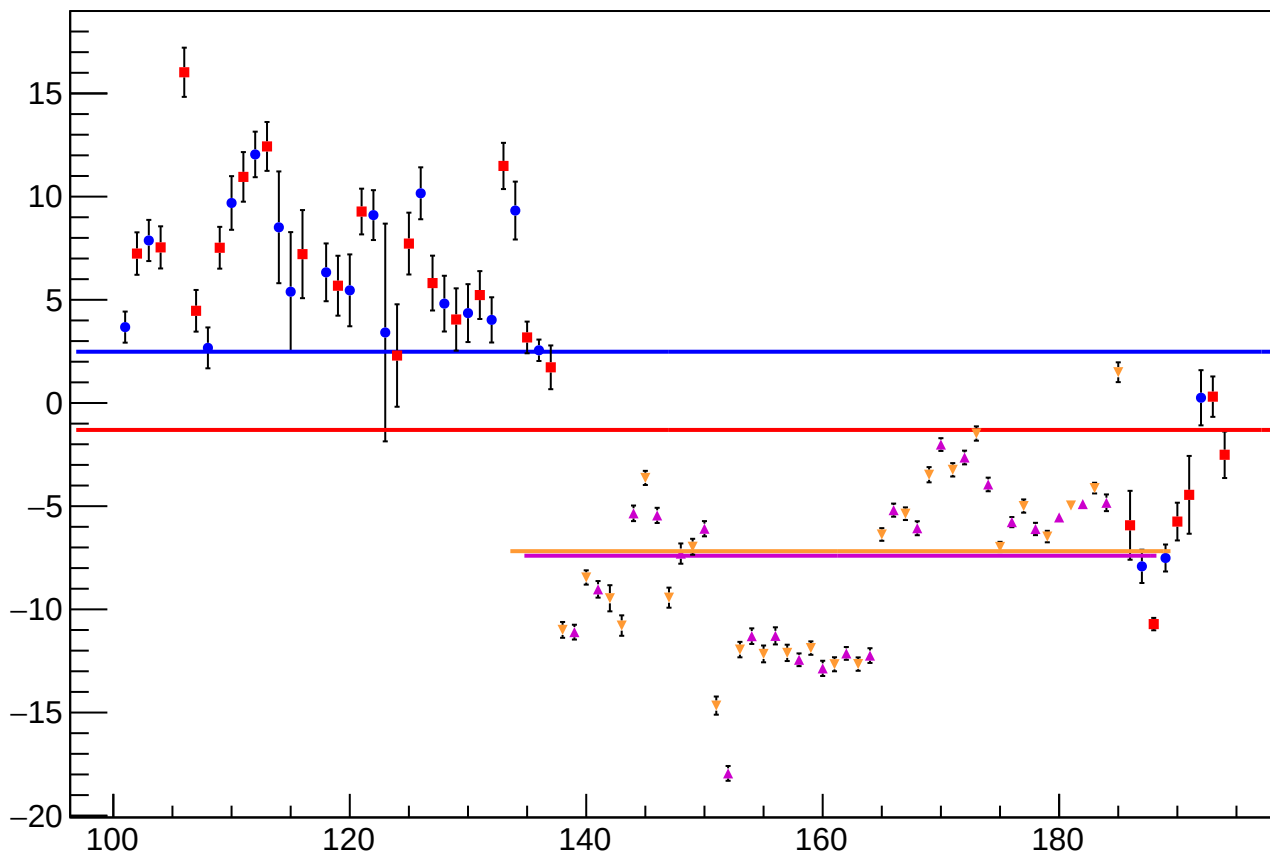
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ sign -30.687 ± 0.051 χ^2/NDF : 2877.7/44

All: -30.718 ± 0.036 χ^2/NDF : 7138.1/91

- sign -30.750 ± 0.052 χ^2/NDF : 4259.6/46

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 2.484 ± 0.234 χ^2/NDF : 654.4/19

Left Out: -7.180 ± 0.067 χ^2/NDF : 3015.8/24

Right Out: -1.305 ± 0.189 χ^2/NDF : 2137.0/23

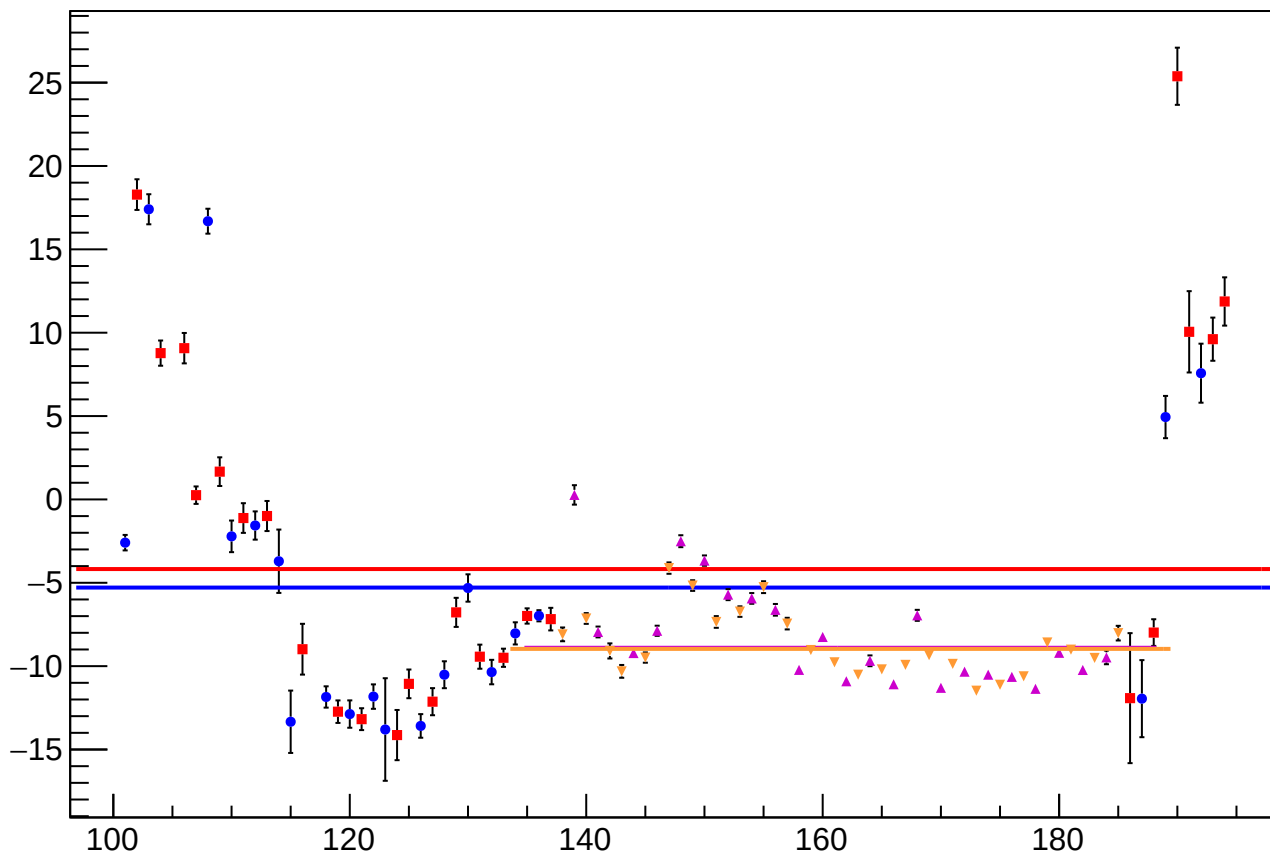
Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

+ sign -6.451 ± 0.064 χ^2/NDF : 5241.6/44

All: -6.582 ± 0.045 χ^2/NDF : 11443.2/91

- sign -6.710 ± 0.064 χ^2/NDF : 6193.4/46

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.287 ± 0.167 χ^2/NDF : 2253.9/19

Left Out: -8.965 ± 0.060 χ^2/NDF : 876.6/24

Right Out: -4.176 ± 0.165 χ^2/NDF : 2613.8/23

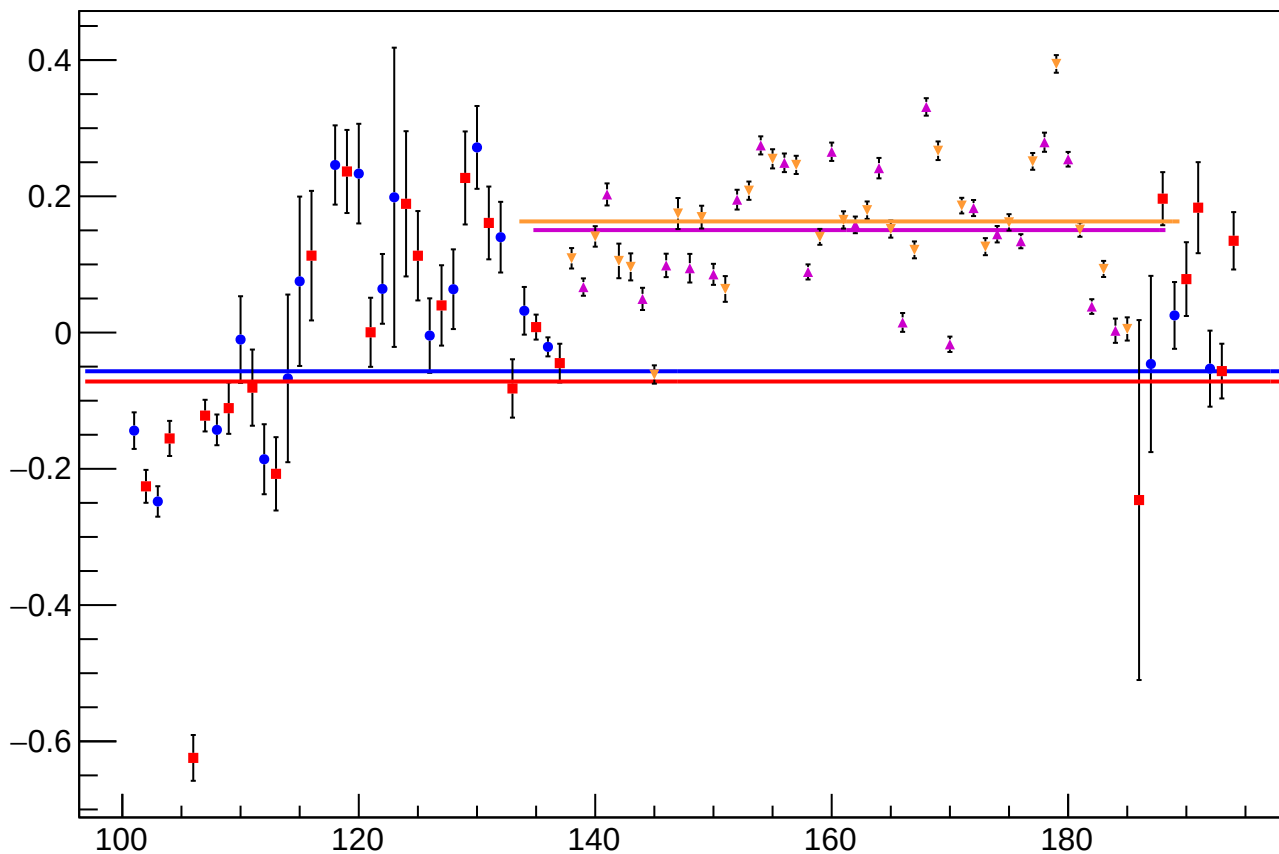
Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

+ sign -8.542 ± 0.057 χ^2/NDF : 3558.9/44

All: -8.434 ± 0.040 χ^2/NDF : 8481.1/91

- sign -8.323 ± 0.058 χ^2/NDF : 4914.9/46

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.057±/0.008 χ^2/NDF : 220.5/19

Left Out: 0.163±/0.003 χ^2/NDF :1011.4/24

Right Out: -0.072±/0.008 χ^2/NDF : 534.7/23

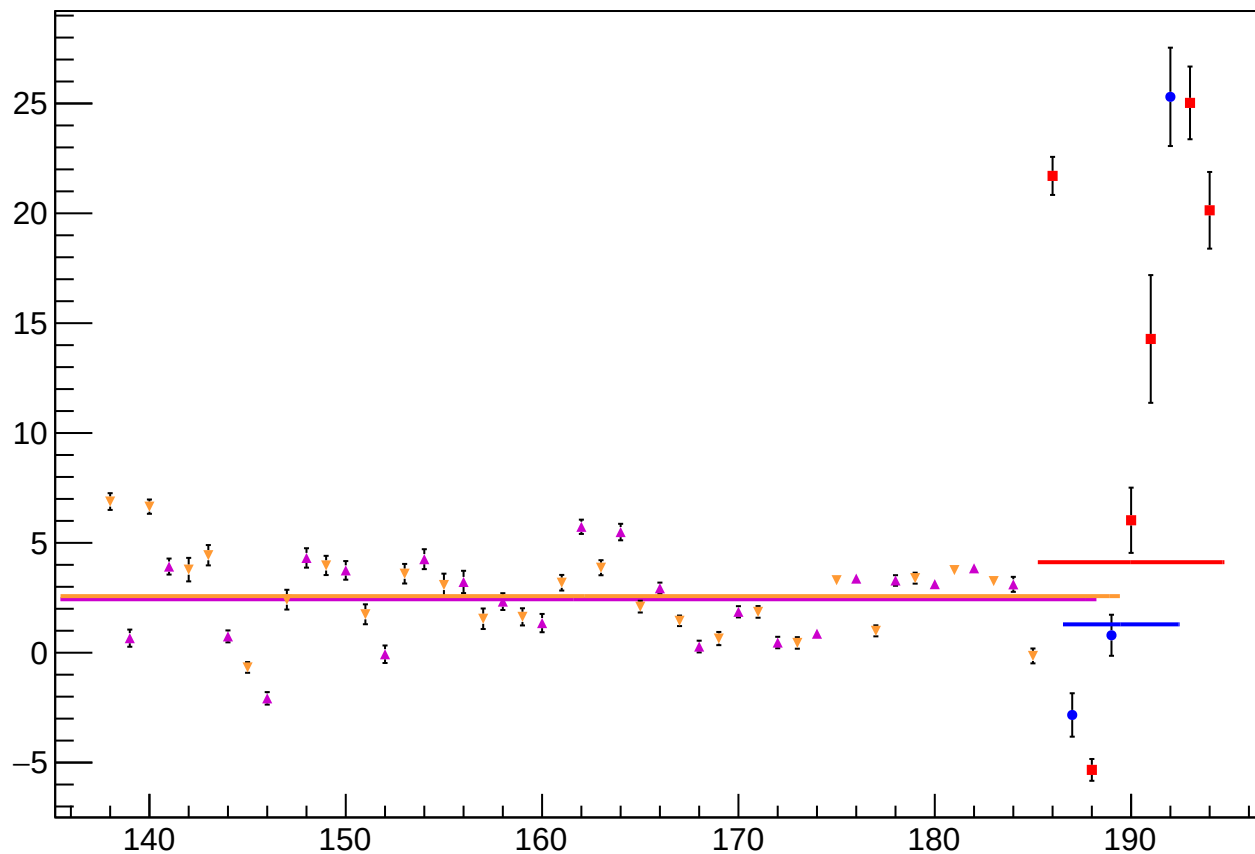
Left In: 0.150±/0.003 χ^2/NDF :1296.5/22

+ sign 0.141±/0.003 χ^2/NDF : 1884.7/44

All: 0.133±/0.002 χ^2/NDF : 4455.4/91

- sign 0.126±/0.003 χ^2/NDF : 2553.5/46

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 1.291 ± 0.650 χ^2/NDF : 132.7/2

Left Out: 2.575 ± 0.058 χ^2/NDF : 868.1/24

Right Out: 4.120 ± 0.388 χ^2/NDF : 1032.3/5

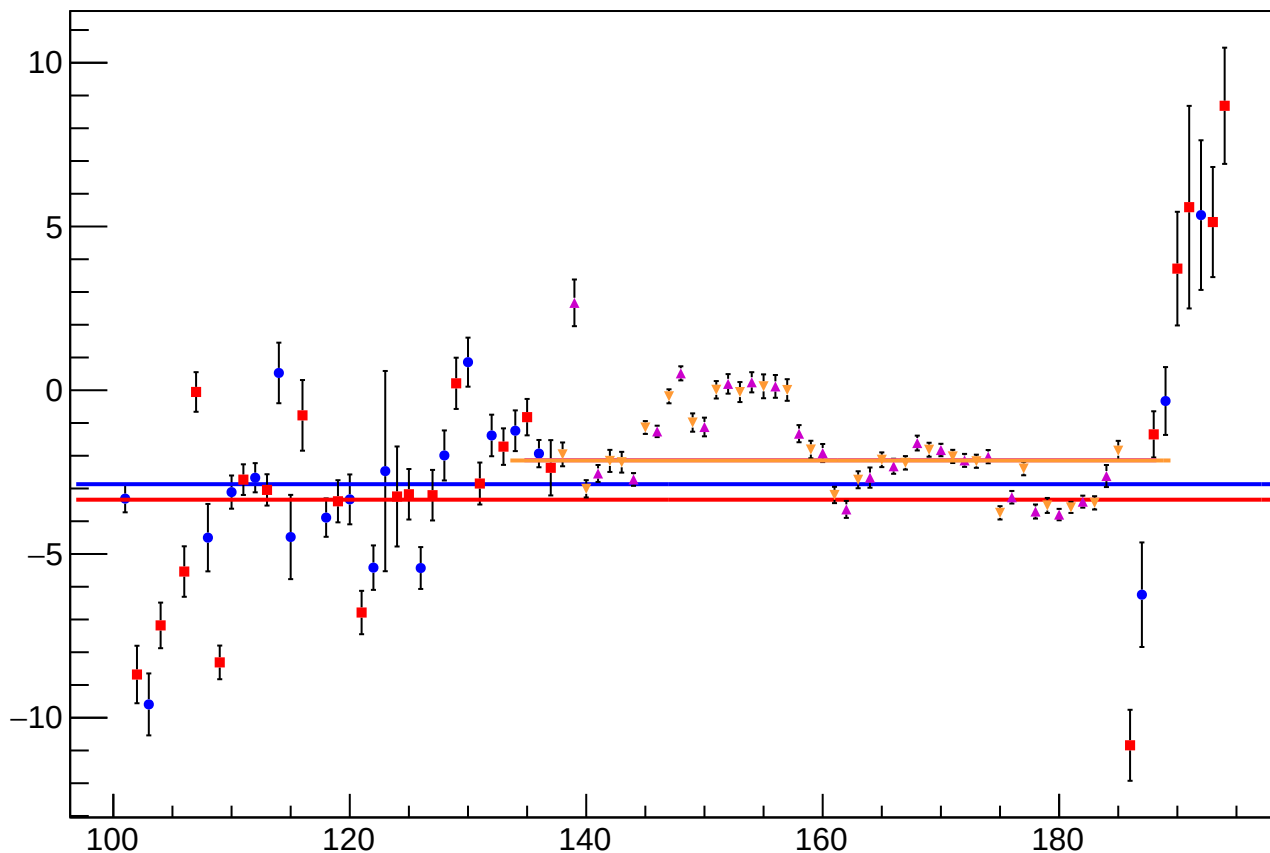
Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

+ sign 2.565 ± 0.058 χ^2/NDF : 1004.7/27

All: 2.519 ± 0.041 χ^2/NDF : 2939.7/56

- sign 2.471 ± 0.058 χ^2/NDF : 1933.8/28

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.868 ± 0.151 $\chi^2/\text{NDF}: 170.1/19$

Left Out: -2.145 ± 0.048 $\chi^2/\text{NDF}: 572.6/24$

Right Out: -3.342 ± 0.148 $\chi^2/\text{NDF}: 437.1/23$

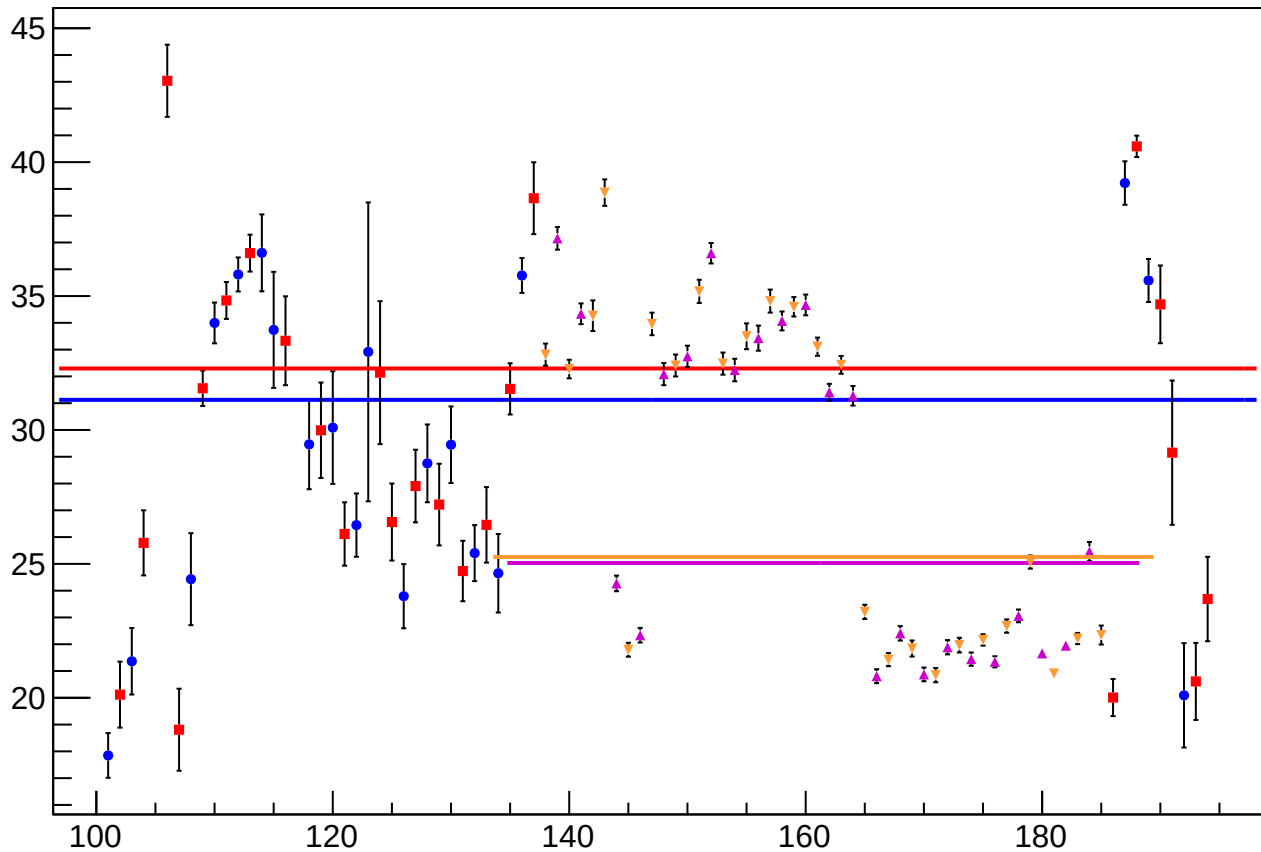
Left In: -2.137 ± 0.048 $\chi^2/\text{NDF}: 693.6/22$

+ sign -2.210 ± 0.045 $\chi^2/\text{NDF}: 763.5/44$

All: -2.231 ± 0.032 $\chi^2/\text{NDF}: 1954.6/91$

- sign -2.253 ± 0.046 $\chi^2/\text{NDF}: 1190.7/46$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 31.125 $\pm$ 0.240 χ^2/NDF : 735.2/19

Left Out: 25.258 $\pm$ 0.059 χ^2/NDF : 8135.5/24

Right Out: 32.296 $\pm$ 0.202 χ^2/NDF : 1317.0/23

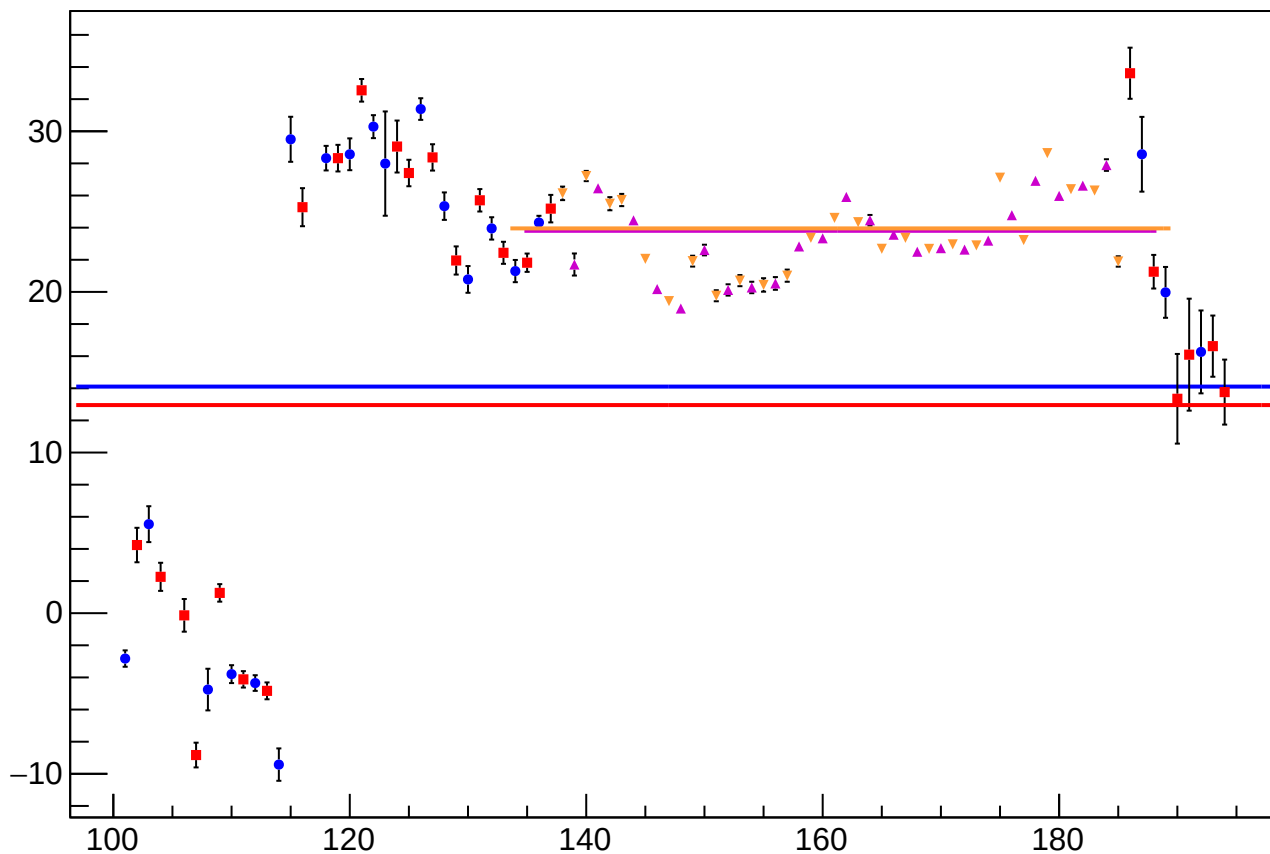
Left In: 25.034 $\pm$ 0.059 χ^2/NDF : 7690.0/22

+ sign 25.592 $\pm$ 0.057 χ^2/NDF : 9435.0/44

All: 25.602 $\pm$ 0.040 χ^2/NDF : 19634.4/91

- sign 25.613 $\pm$ 0.057 χ^2/NDF : 10199.3/46

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.106 $\pm$ 0.170 χ^2 /NDF: 7445.8/19

Left Out: 23.953 $\pm$ 0.053 χ^2 /NDF:1915.9/24

Right Out: 12.955 $\pm$ 0.169 χ^2 /NDF: 7208.0/23

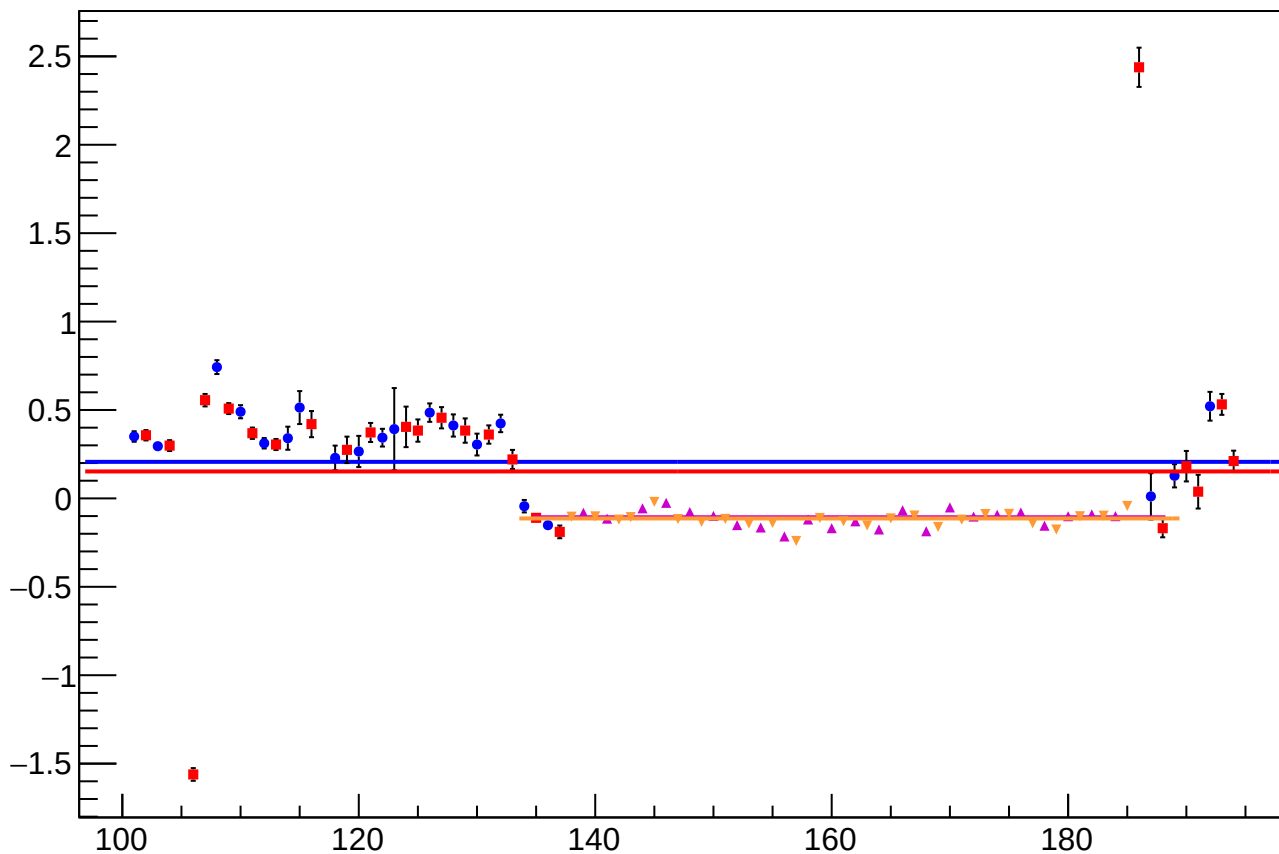
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.076 $\pm$ 0.051 χ^2 /NDF: 12413.7/44

All: 22.939 $\pm$ 0.036 χ^2 /NDF: 25150.1/91

- sign 22.800 $\pm$ 0.051 χ^2 /NDF: 12721.8/46

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.009 χ^2/NDF : 864.8/19

Left Out: -0.114+/-0.002 χ^2/NDF : 290.8/24

Right Out: 0.152+/-0.009 χ^2/NDF : 3517.9/23

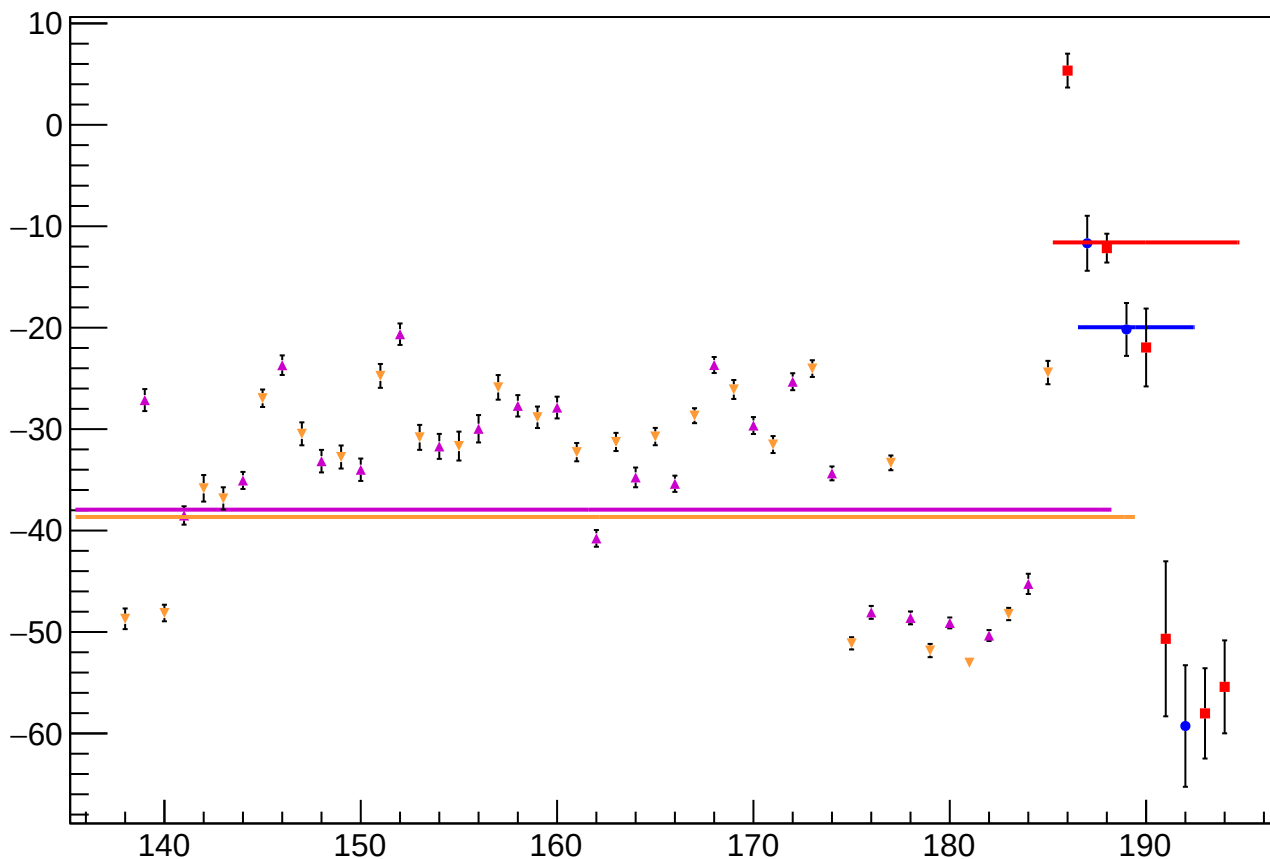
Left In: -0.107+/-0.002 χ^2/NDF : 322.0/22

+ sign -0.093+/-0.002 χ^2/NDF : 2292.0/44

All: -0.090+/-0.002 χ^2/NDF : 6946.6/91

- sign -0.088+/-0.002 χ^2/NDF : 4652.5/46

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -19.955 ± 1.793 χ^2/NDF : 52.4/2

Left Out: -38.660 ± 0.169 χ^2/NDF : 4073.8/24

Right Out: -11.593 ± 0.982 χ^2/NDF : 336.8/5

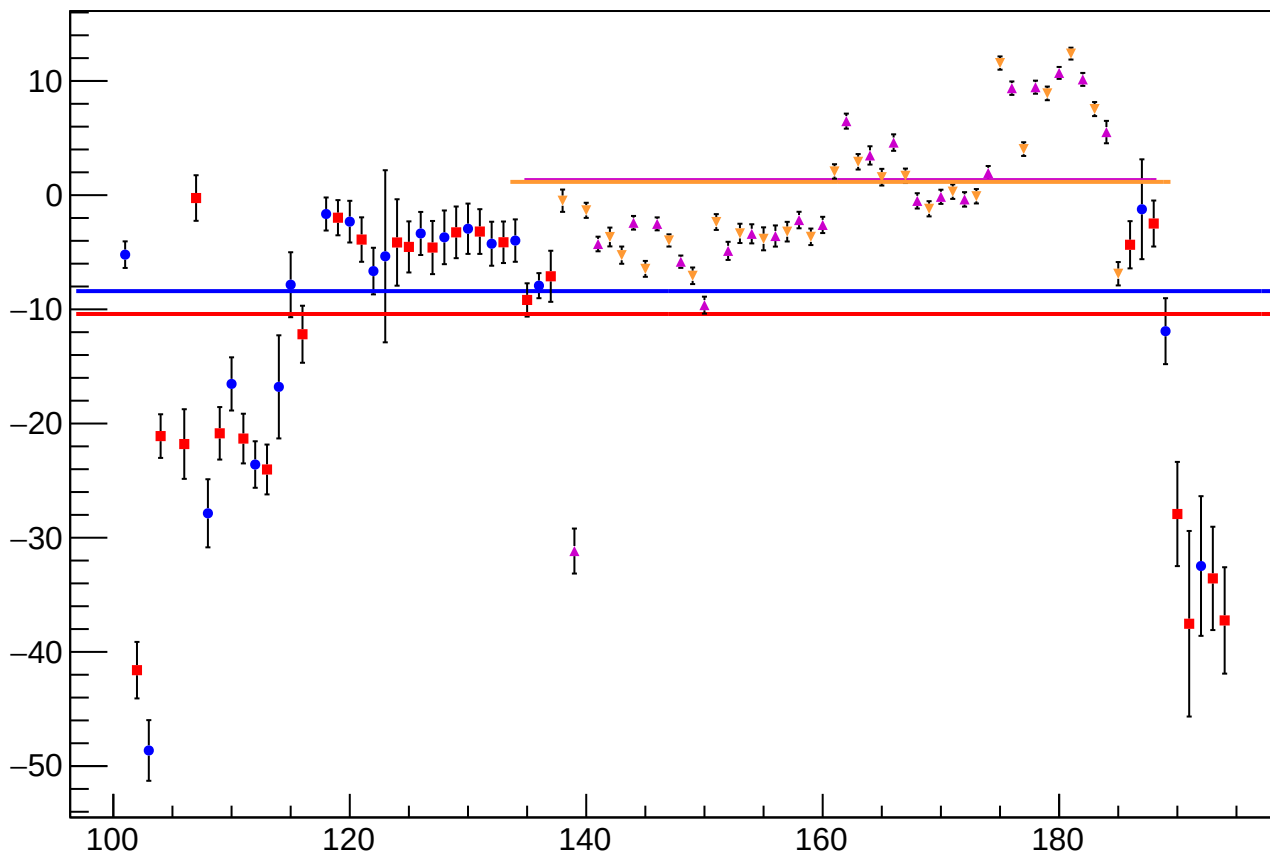
Left In: -37.939 ± 0.173 χ^2/NDF : 3133.2/22

+ sign -38.495 ± 0.169 χ^2/NDF : 4234.0/27

All: -37.828 ± 0.120 χ^2/NDF : 8433.9/56

- sign -37.150 ± 0.170 χ^2/NDF : 4168.4/28

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.404 ± 0.453 χ^2/NDF : 431.9/19

Left Out: 1.163 ± 0.136 χ^2/NDF : 1786.1/24

Right Out: -10.407 ± 0.458 χ^2/NDF : 520.0/23

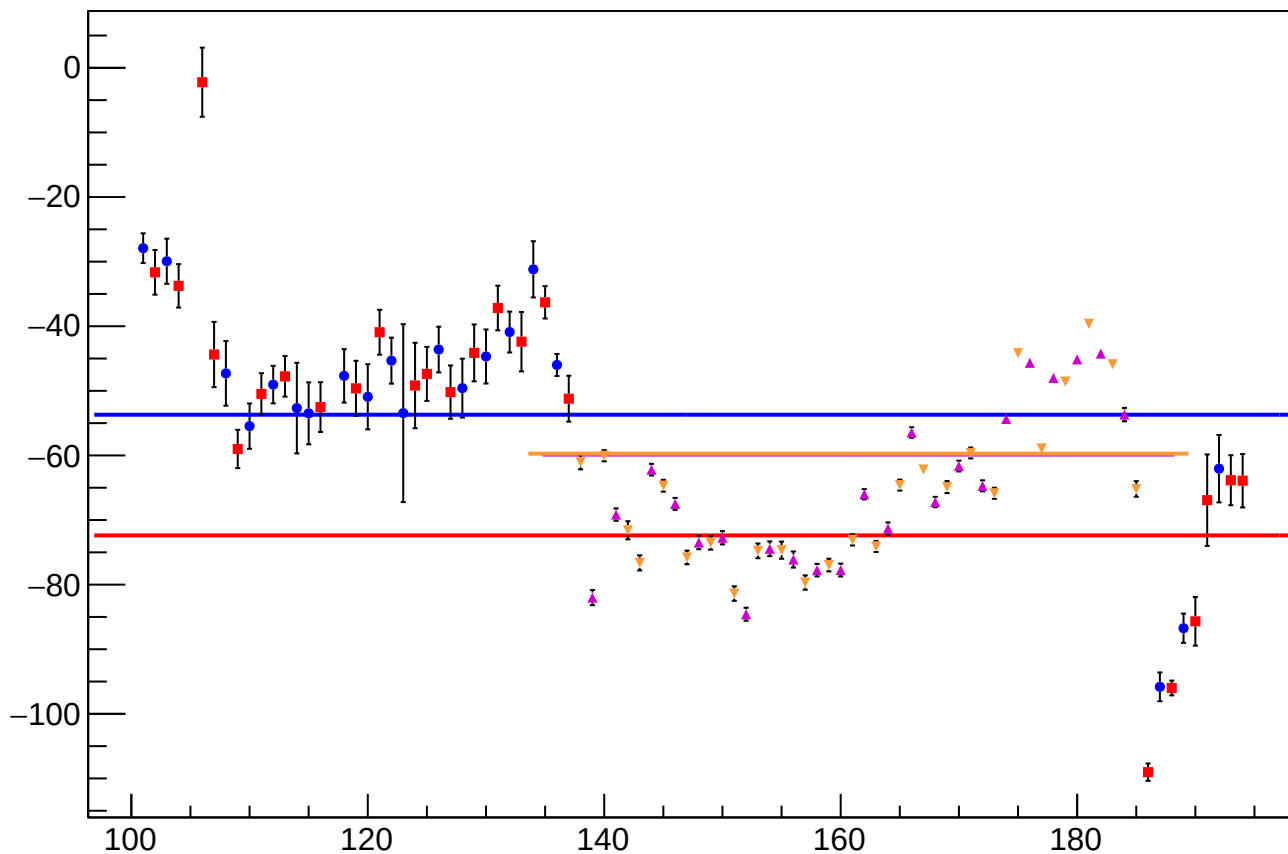
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.367 ± 0.131 χ^2/NDF : 2627.6/44

All: 0.345 ± 0.093 χ^2/NDF : 5828.9/91

- sign 0.323 ± 0.133 χ^2/NDF : 3201.2/46

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -53.695 ± 0.731 χ^2/NDF : 834.4/19

Left Out: -59.724 ± 0.170 χ^2/NDF : 5789.8/24

Right Out: -72.376 ± 0.591 χ^2/NDF : 2443.3/23

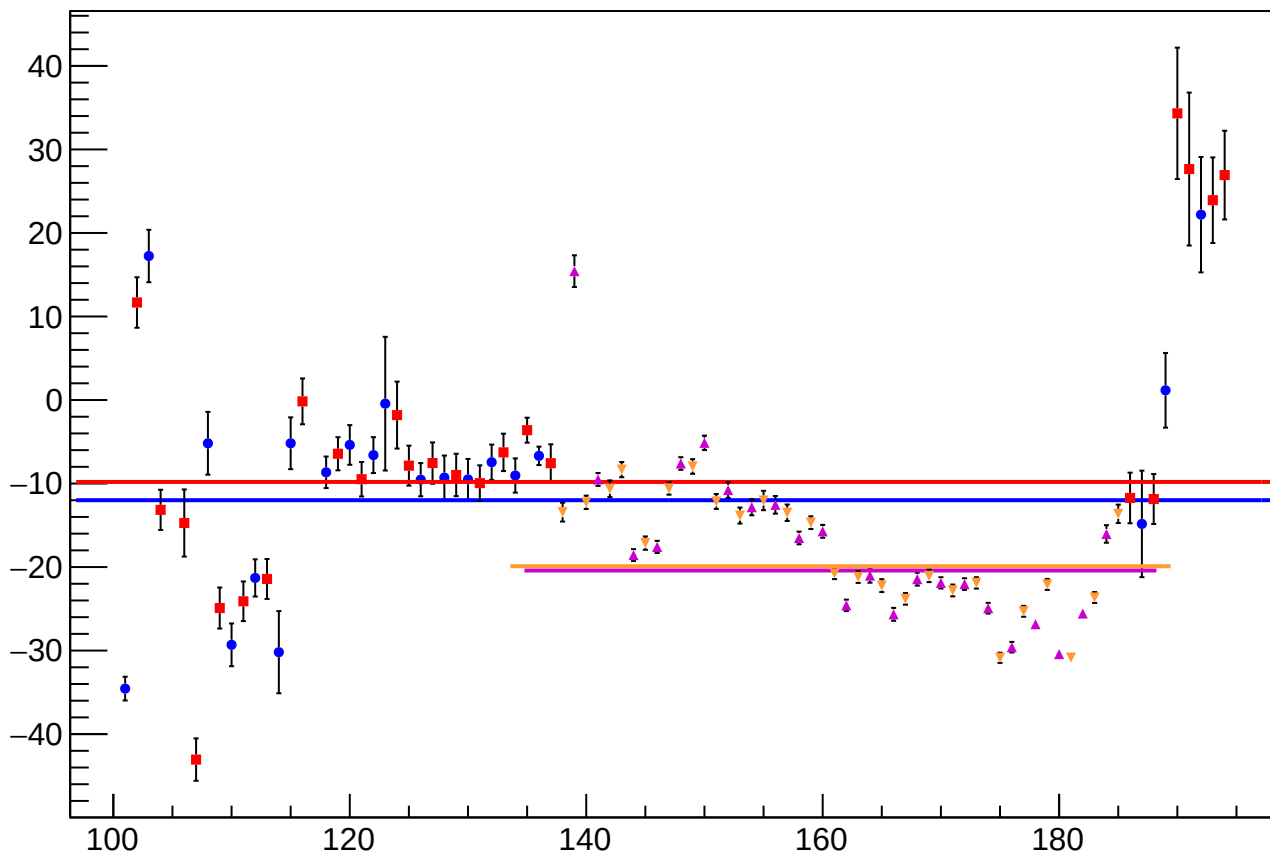
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.414 ± 0.166 χ^2/NDF : 6688.7/44

All: -60.131 ± 0.117 χ^2/NDF : 14856.9/91

- sign -60.847 ± 0.166 χ^2/NDF : 8130.9/46

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -11.995 ± 0.513 χ^2/NDF : 509.8/19

Left Out: -19.902 ± 0.153 χ^2/NDF : 1904.7/24

Right Out: -9.809 ± 0.529 χ^2/NDF : 504.8/23

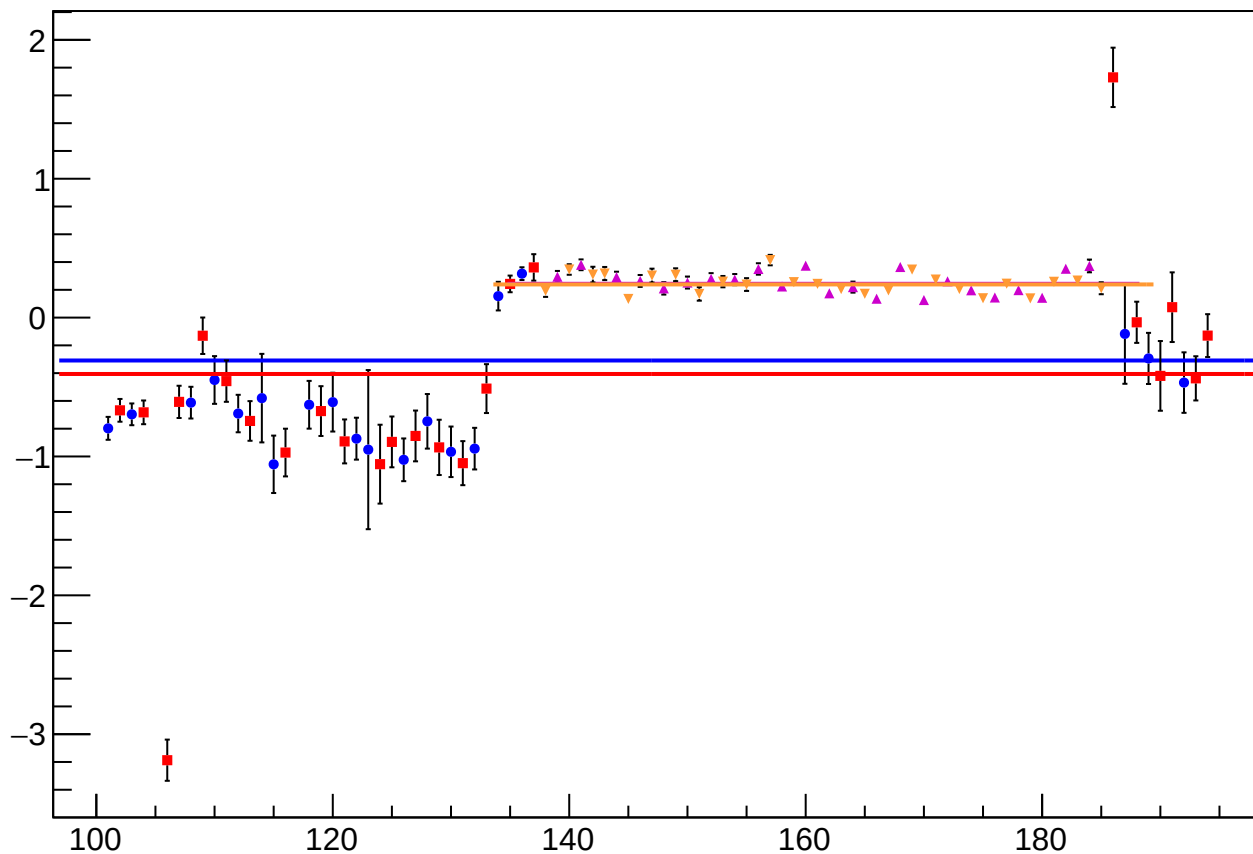
Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.256 ± 0.147 χ^2/NDF : 2632.5/44

All: -19.405 ± 0.105 χ^2/NDF : 5854.7/91

- sign -19.561 ± 0.150 χ^2/NDF : 3220.1/46

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.309 ± 0.027 χ^2/NDF : 373.2/19

Left Out: 0.239 ± 0.007 χ^2/NDF : 93.5/24

Right Out: -0.406 ± 0.027 χ^2/NDF : 744.9/23

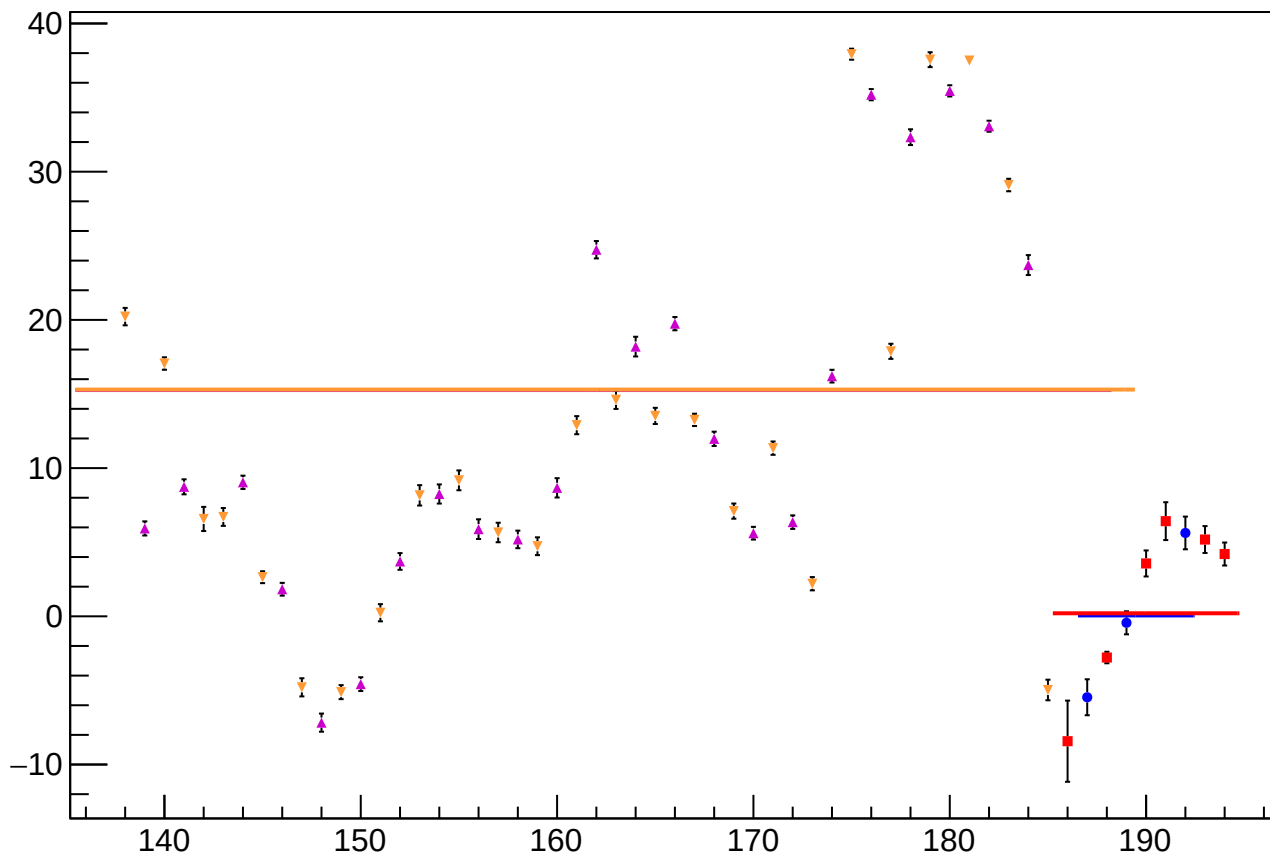
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ sign 0.204 ± 0.007 χ^2/NDF : 854.2/44

All: 0.202 ± 0.005 χ^2/NDF : 2289.9/91

- sign 0.200 ± 0.007 χ^2/NDF : 1435.6/46

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.060 $\pm$ 0.563 χ^2 /NDF: 46.5/2

Left Out: 15.298 $\pm$ 0.101 χ^2 /NDF:19135.0/24

Right Out: 0.205 $\pm$ 0.294 χ^2 /NDF: 164.0/5

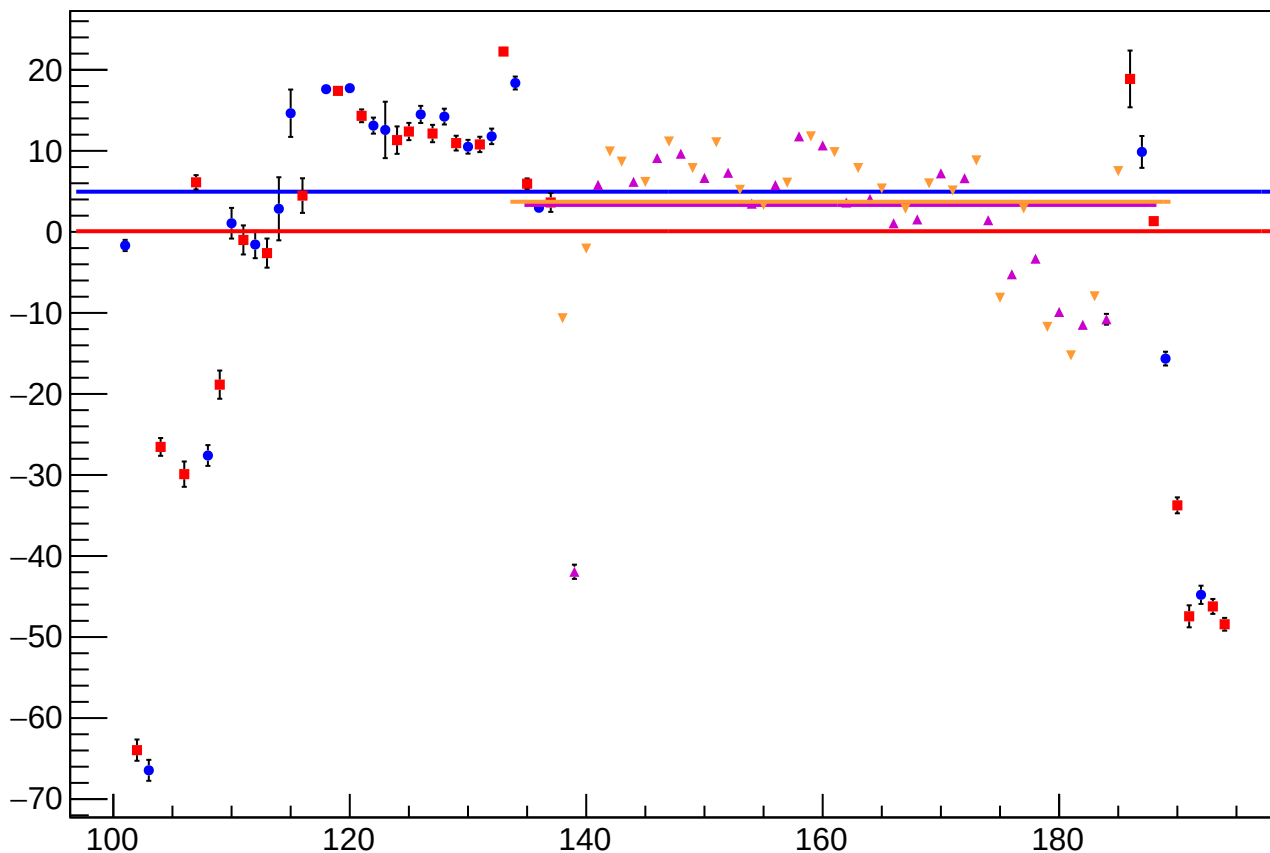
Left In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

+ sign 14.827 $\pm$ 0.099 χ^2 /NDF: 19890.7/27

All: 14.223 $\pm$ 0.069 χ^2 /NDF: 38869.7/56

- sign 13.650 $\pm$ 0.096 χ^2 /NDF: 18906.7/28

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 4.960 ± 0.204 χ^2/NDF : 8119.0/19

Left Out: 3.717 ± 0.079 χ^2/NDF : 9201.0/24

Right Out: 0.081 ± 0.184 χ^2/NDF : 16643.8/23

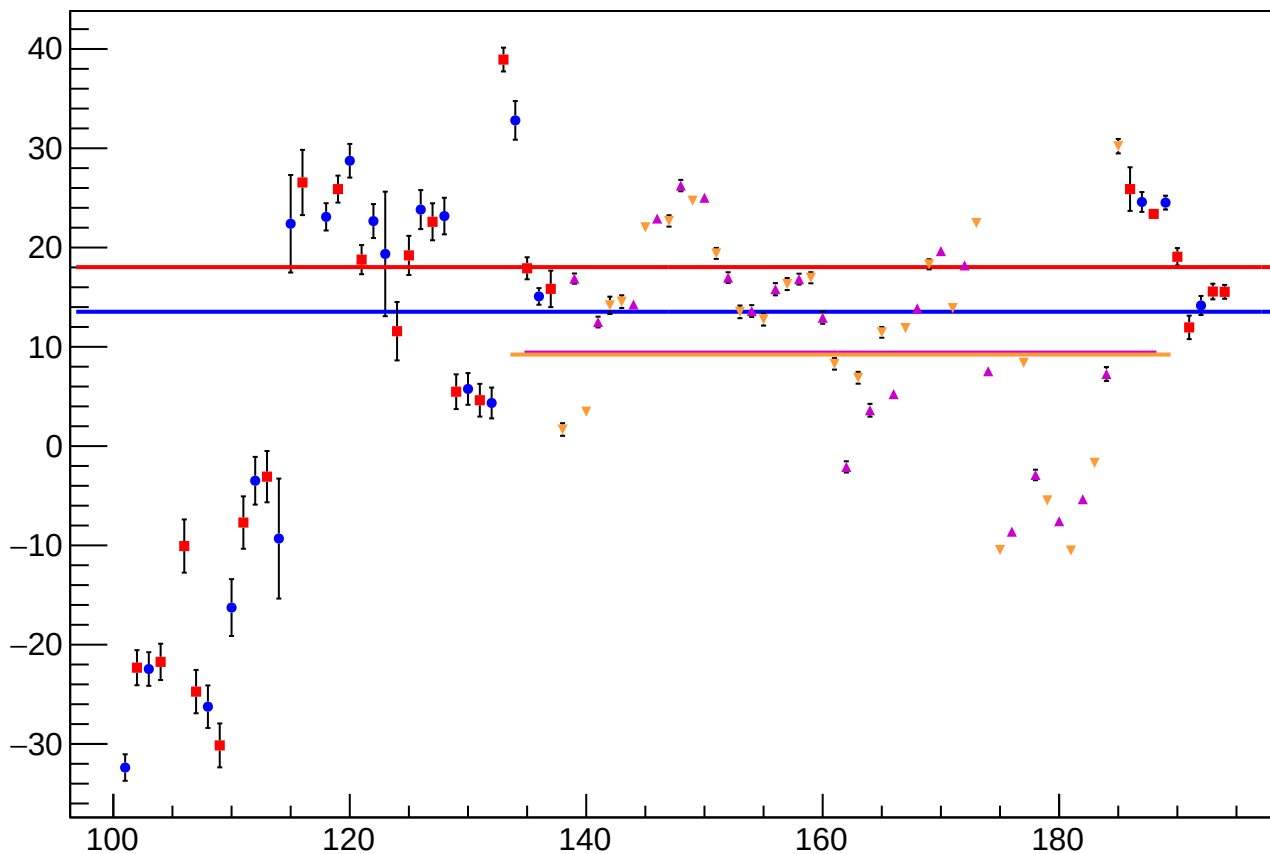
Left In: 3.327 ± 0.081 χ^2/NDF : 8830.5/22

+ sign 3.879 ± 0.074 χ^2/NDF : 17352.3/44

All: 3.344 ± 0.052 χ^2/NDF : 43192.7/91

- sign 2.802 ± 0.074 χ^2/NDF : 25734.1/46

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 13.532 $\pm$ 0.317 χ^2 /NDF: 2898.9/19

Left Out: 9.220 $\pm$ 0.101 χ^2 /NDF:13617.0/24

Right Out: 18.031 $\pm$ 0.215 χ^2 /NDF: 2952.6/23

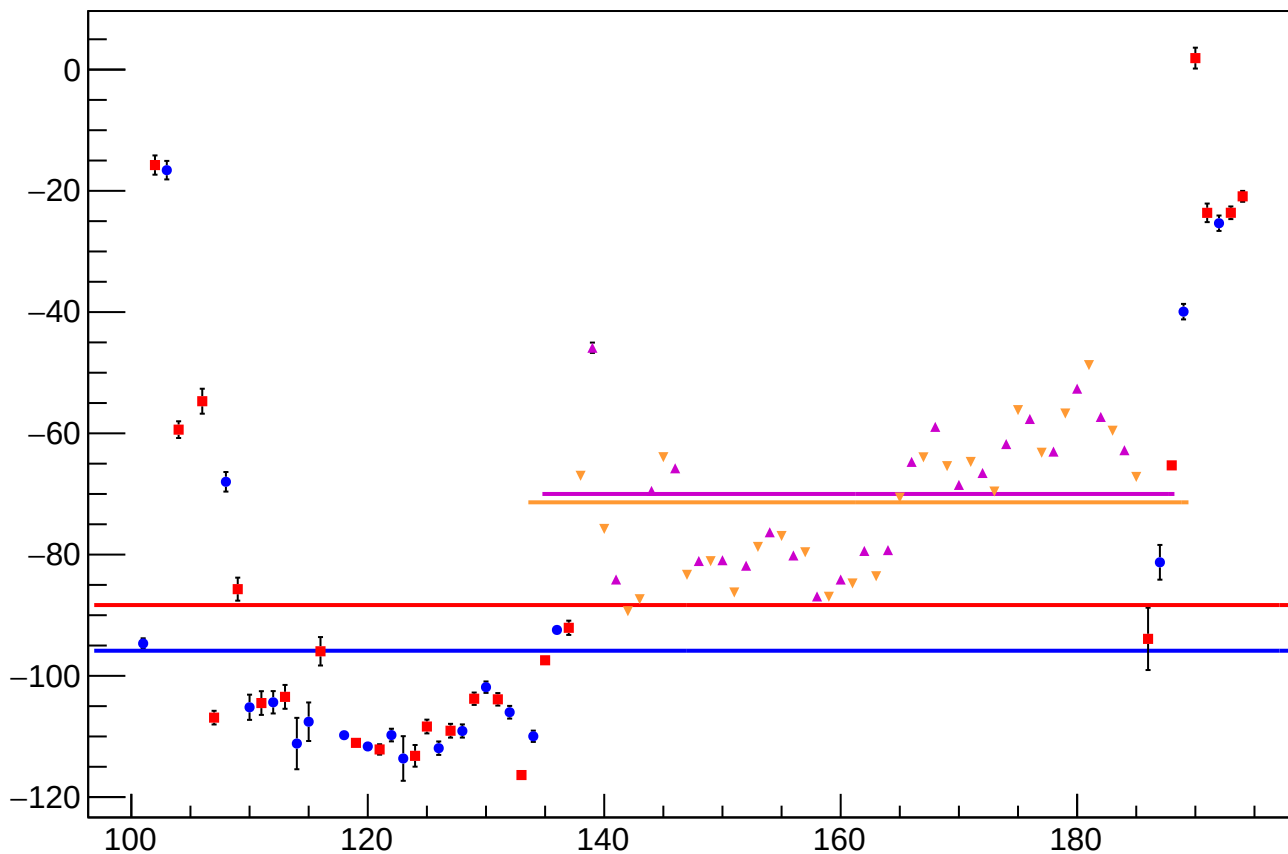
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 9.617 $\pm$ 0.096 χ^2 /NDF: 16683.4/44

All: 10.341 $\pm$ 0.067 χ^2 /NDF: 33132.8/91

- sign 11.003 $\pm$ 0.092 χ^2 /NDF: 16341.3/46

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -95.859 ± 0.238 χ^2/NDF : 9925.5/19

Left Out: -71.379 ± 0.089 χ^2/NDF : 16226.2/24

Right Out: -88.325 ± 0.219 χ^2/NDF : 23836.2/23

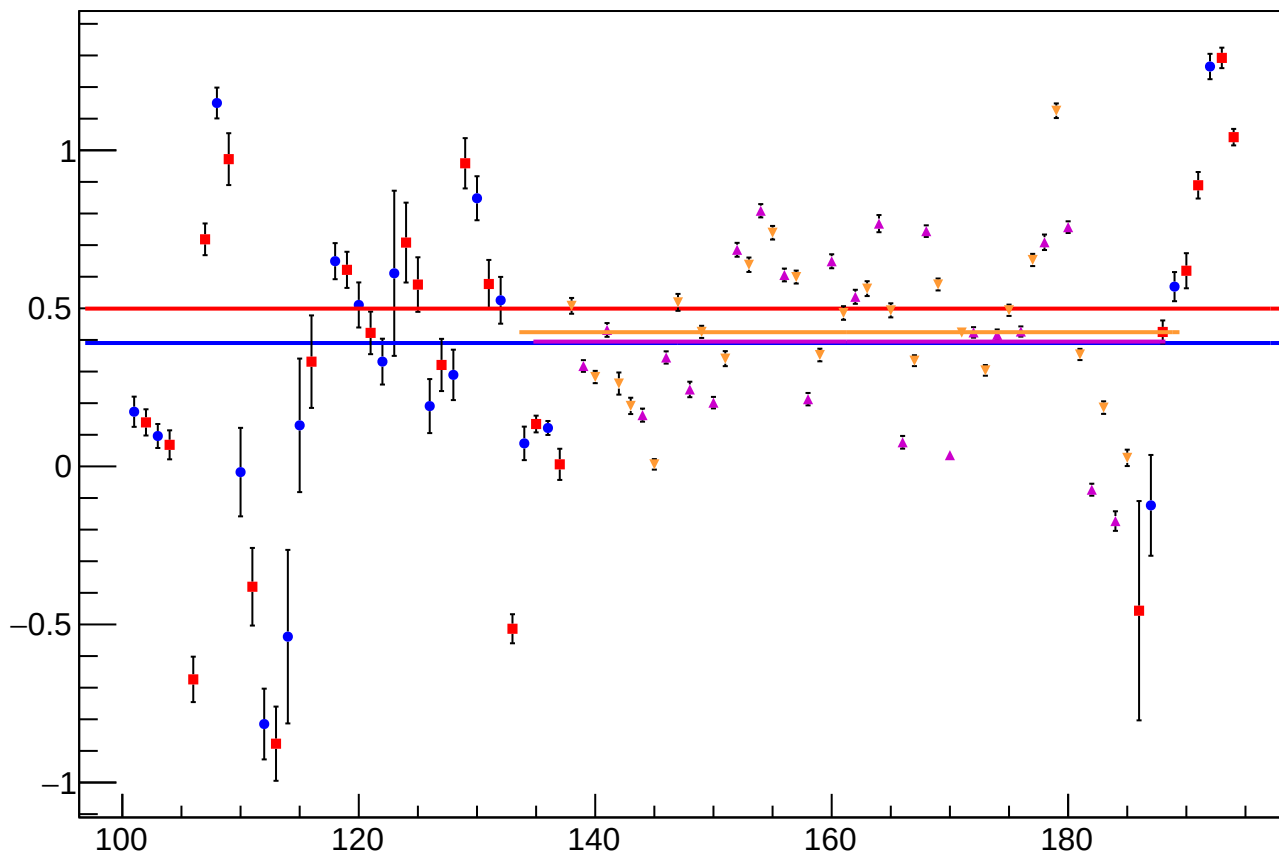
Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

+ sign -74.404 ± 0.084 χ^2/NDF : 35400.3/44

All: -73.568 ± 0.059 χ^2/NDF : 78595.9/91

- sign -72.721 ± 0.084 χ^2/NDF : 42995.3/46

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.390 $\pm$ 0.012 χ^2/NDF : 1223.9/19

Left Out: 0.425 $\pm$ 0.004 χ^2/NDF : 2866.9/24

Right Out: 0.499 $\pm$ 0.010 χ^2/NDF : 2631.4/23

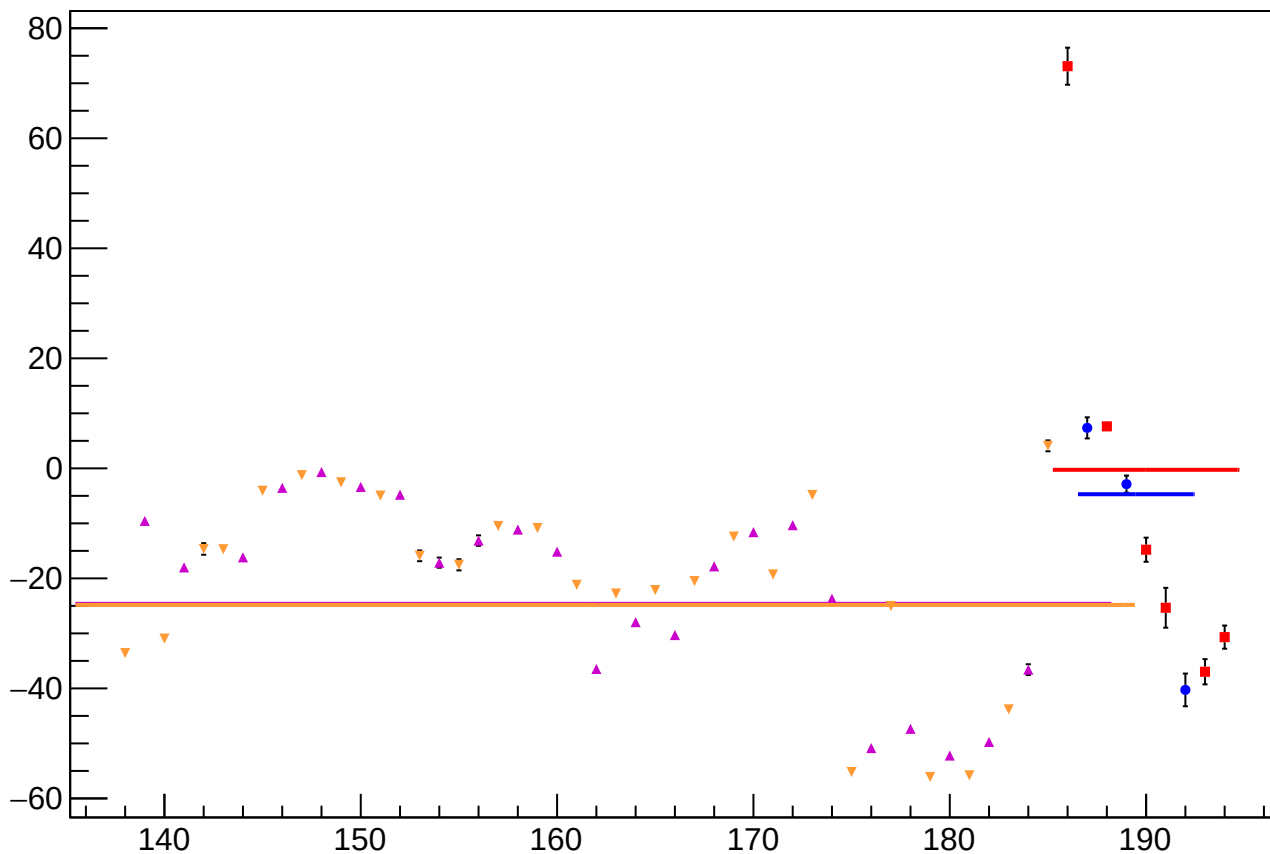
Left In: 0.395 $\pm$ 0.004 χ^2/NDF : 4063.1/22

+ sign 0.421 $\pm$ 0.004 χ^2/NDF : 4097.8/44

All: 0.415 $\pm$ 0.003 χ^2/NDF : 10886.4/91

- sign 0.410 $\pm$ 0.004 χ^2/NDF : 6784.1/46

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -4.703 ± 1.122 $\chi^2/\text{NDF}: 183.9/2$

Left Out: -24.824 ± 0.140 $\chi^2/\text{NDF}: 18274.6/24$

Right Out: -0.264 ± 0.653 $\chi^2/\text{NDF}: 1128.6/5$

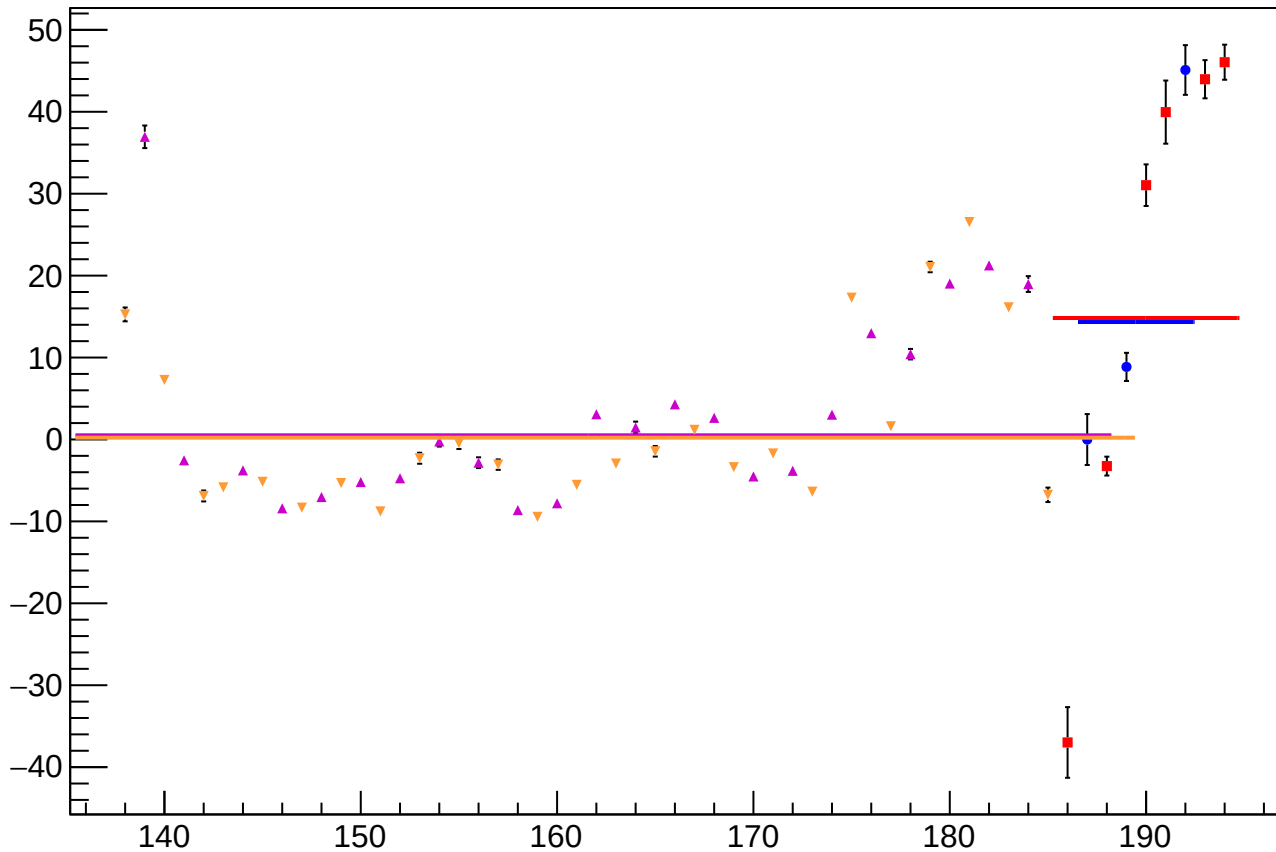
Left In: -24.635 ± 0.142 $\chi^2/\text{NDF}: 14947.9/22$

+ sign -24.517 ± 0.139 $\chi^2/\text{NDF}: 18775.3/27$

All: -24.025 ± 0.098 $\chi^2/\text{NDF}: 36208.4/56$

- sign -23.533 ± 0.139 $\chi^2/\text{NDF}: 17407.9/28$

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 14.338 $\pm$ 1.347 χ^2 /NDF: 134.3/2

Left Out: 0.218 $\pm$ 0.109 χ^2 /NDF: 8252.6/24

Right Out: 14.826 $\pm$ 0.836 χ^2 /NDF: 842.9/5

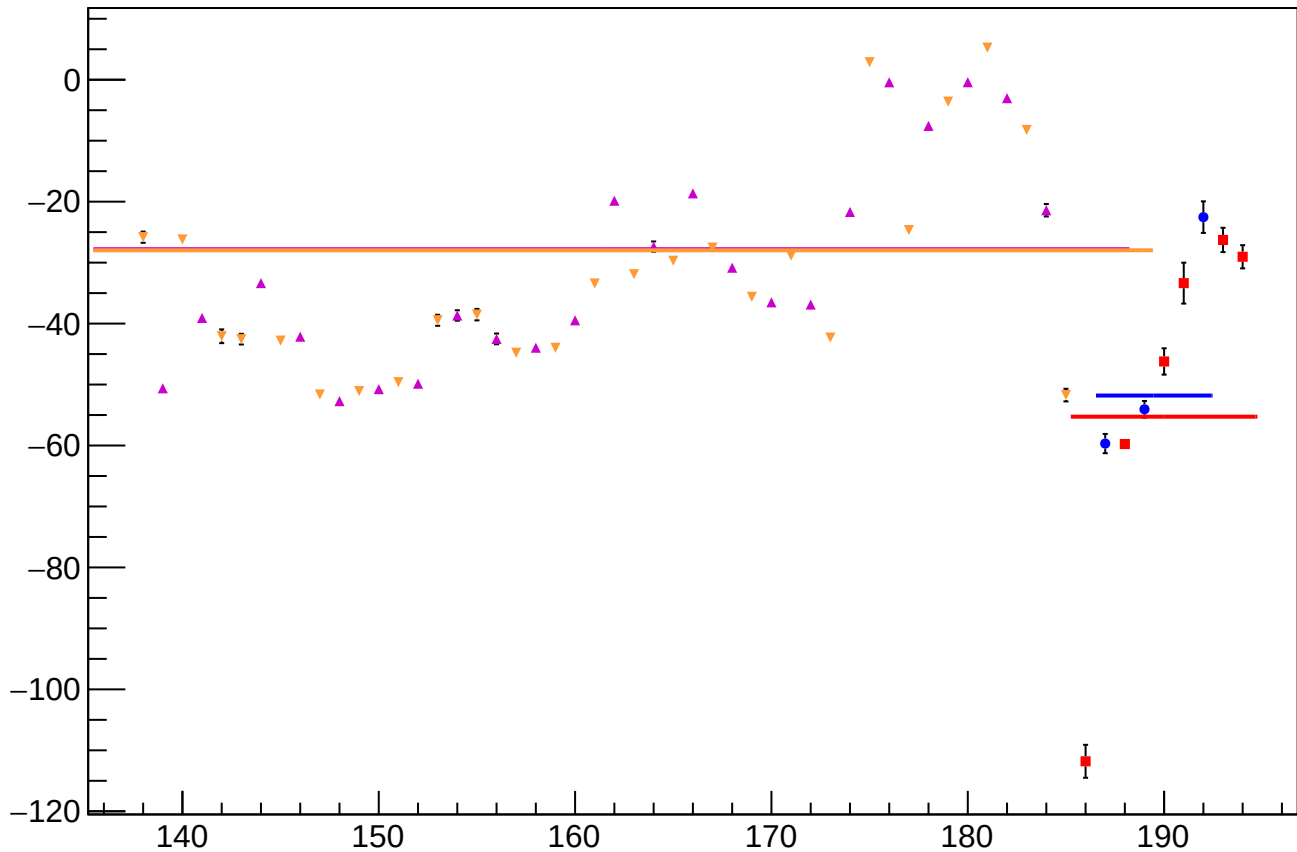
Left In: 0.507 $\pm$ 0.112 χ^2 /NDF: 6626.9/22

+ sign 0.309 $\pm$ 0.108 χ^2 /NDF: 8496.1/27

All: 0.529 $\pm$ 0.078 χ^2 /NDF: 16262.6/56

- sign 0.759 $\pm$ 0.111 χ^2 /NDF: 7758.1/28

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -51.804 ± 0.959 $\chi^2/\text{NDF}: 155.5/2$

Left Out: -27.977 ± 0.140 $\chi^2/\text{NDF}: 17079.0/24$

Right Out: -55.270 ± 0.546 $\chi^2/\text{NDF}: 946.5/5$

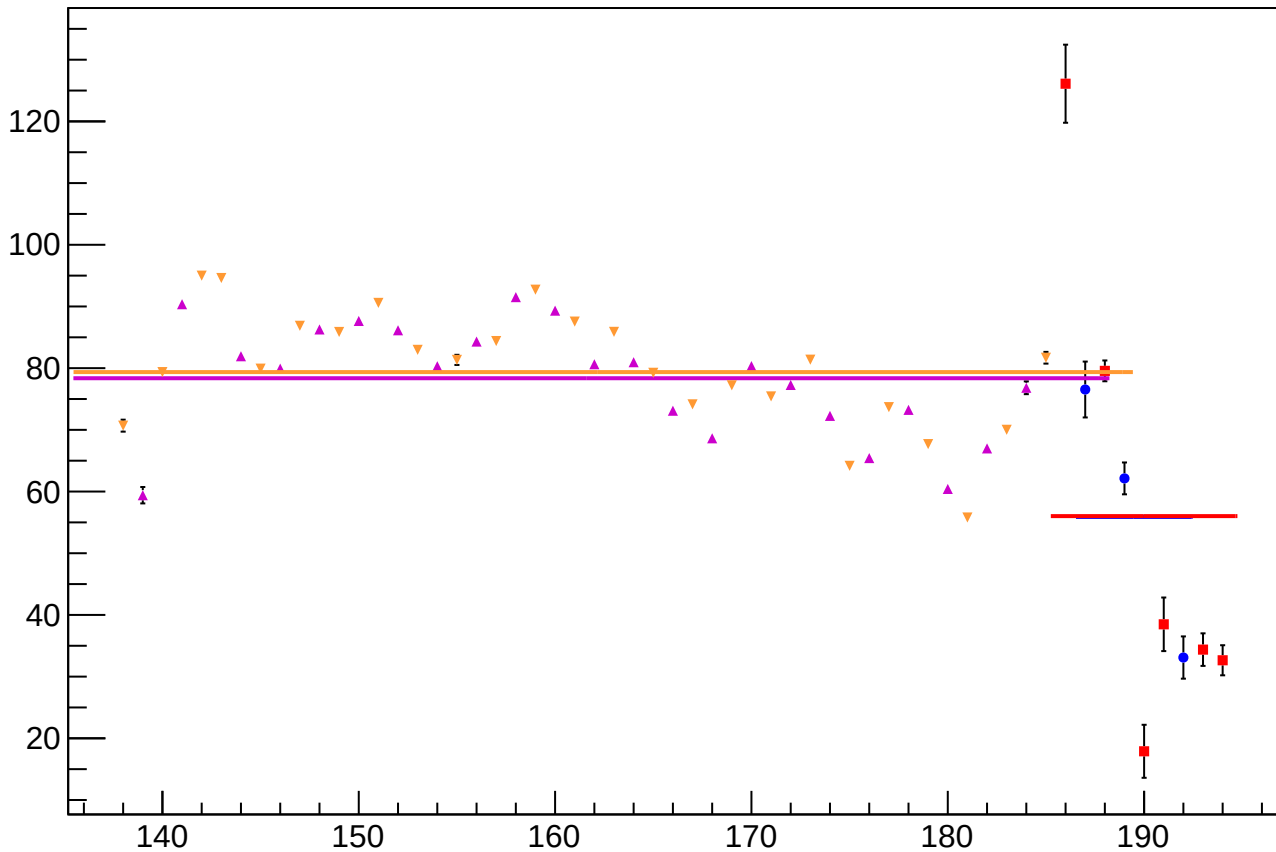
Left In: -27.796 ± 0.142 $\chi^2/\text{NDF}: 15193.3/22$

+ sign -28.475 ± 0.139 $\chi^2/\text{NDF}: 17839.0/27$

All: -29.009 ± 0.098 $\chi^2/\text{NDF}: 36379.2/56$

- sign -29.531 ± 0.137 $\chi^2/\text{NDF}: 18510.9/28$

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 55.890 $\pm$ 1.876 χ^2 /NDF: 70.9/2

Left Out: 79.364 $\pm$ 0.123 χ^2 /NDF: 5966.3/24

Right Out: 56.016 $\pm$ 1.121 χ^2 /NDF: 571.7/5

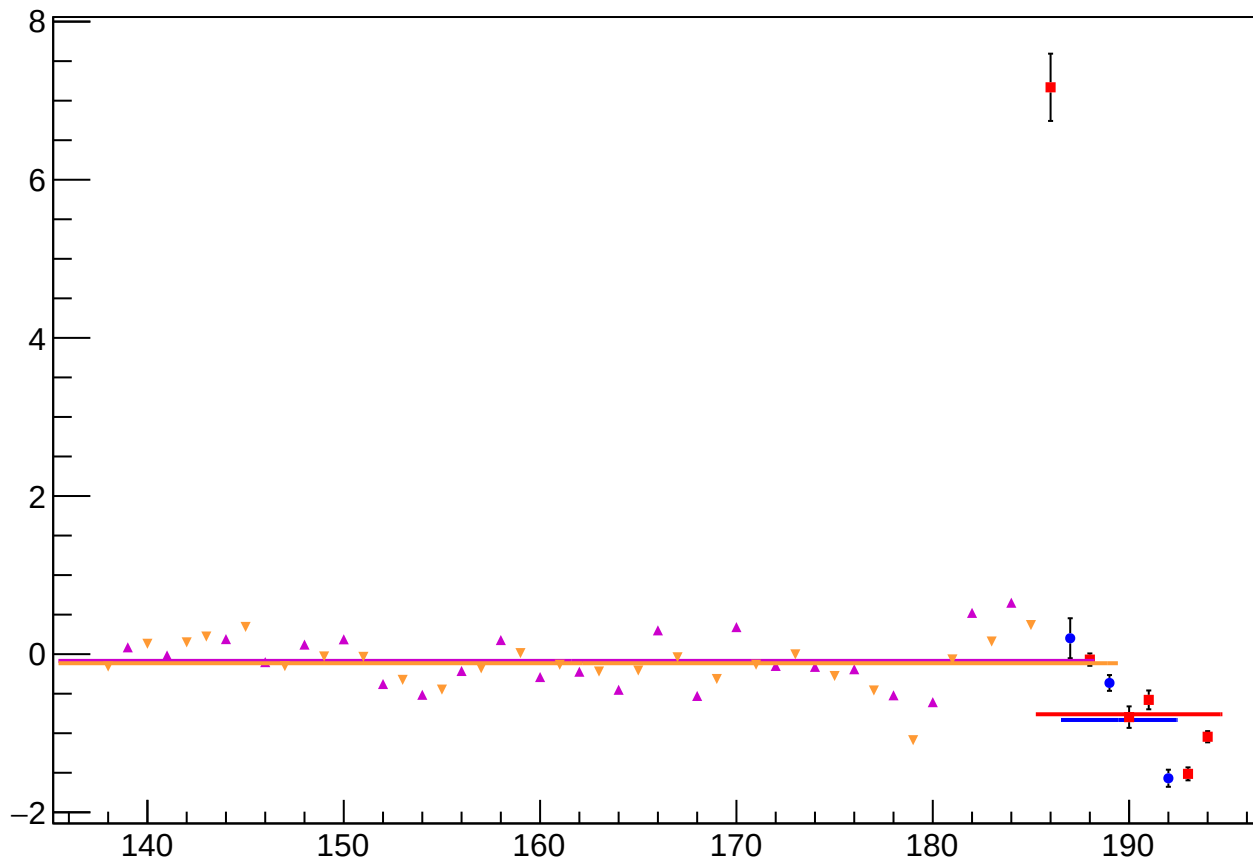
Left In: 78.367 $\pm$ 0.126 χ^2 /NDF: 4735.5/22

+ sign 79.262 $\pm$ 0.123 χ^2 /NDF: 6193.1/27

All: 78.686 $\pm$ 0.088 χ^2 /NDF: 11937.4/56

- sign 78.087 $\pm$ 0.126 χ^2 /NDF: 5699.6/28

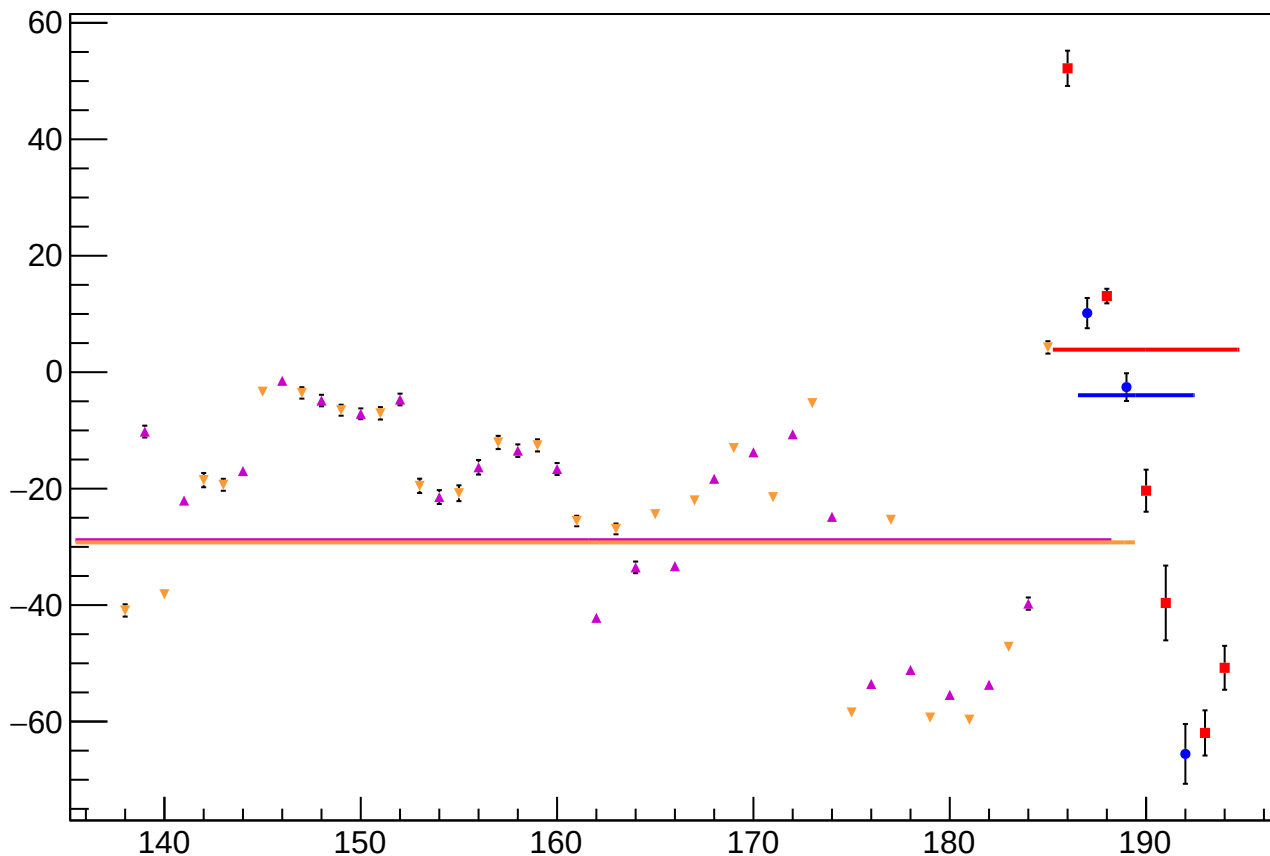
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.832 ± 0.070 χ^2/NDF : 85.2/2
 Left Out: -0.115 ± 0.006 χ^2/NDF : 2288.7/24
 Right Out: -0.760 ± 0.039 χ^2/NDF : 529.3/5
 Left In: -0.085 ± 0.006 χ^2/NDF : 3148.4/22

+ sign -0.119 ± 0.006 χ^2/NDF : 2477.0/27
 All: -0.109 ± 0.004 χ^2/NDF : 6448.2/56
 - sign -0.099 ± 0.006 χ^2/NDF : 3964.9/28

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -3.956 ± 1.660 $\chi^2/\text{NDF}: 174.0/2$

Left Out: -29.227 ± 0.157 $\chi^2/\text{NDF}: 16880.0/24$

Right Out: 3.875 ± 1.008 $\chi^2/\text{NDF}: 897.2/5$

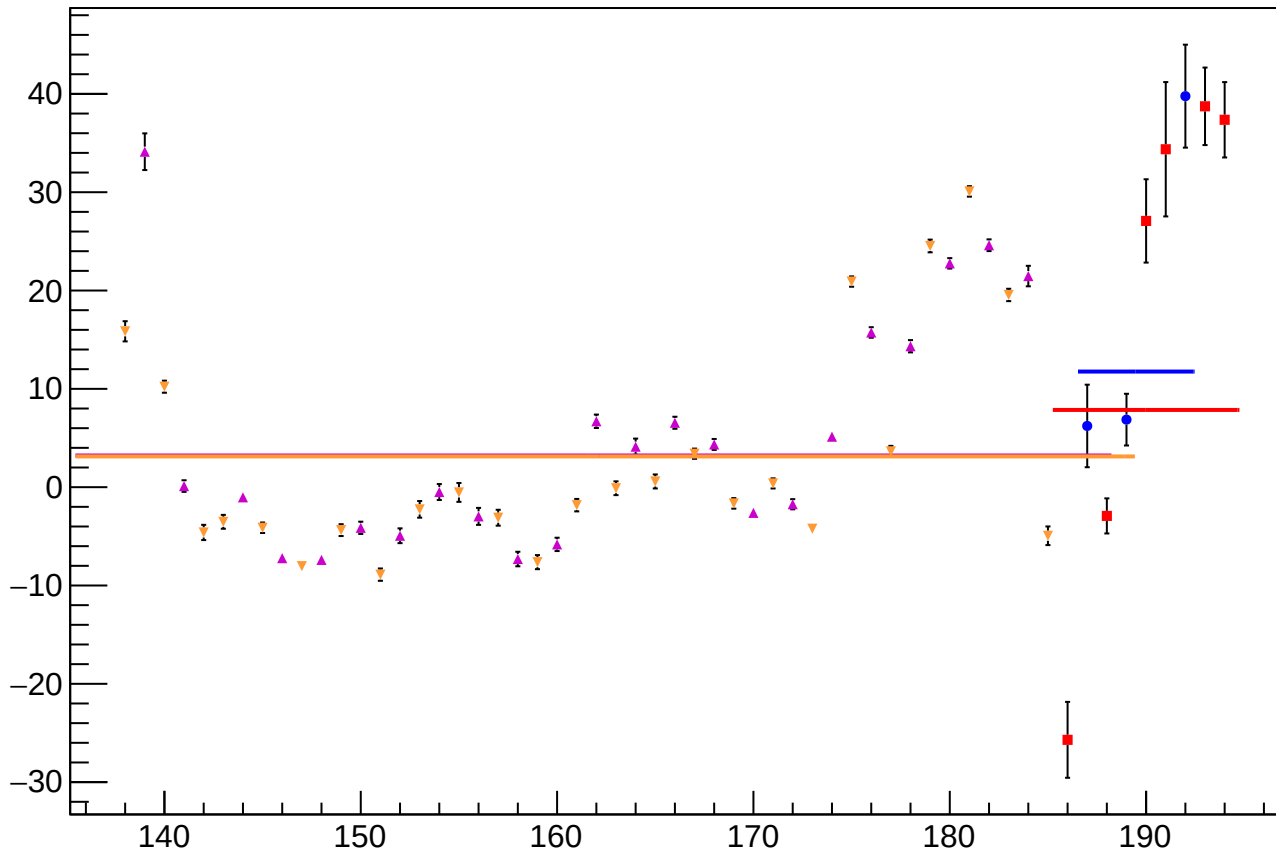
Left In: -28.857 ± 0.159 $\chi^2/\text{NDF}: 13553.6/22$

+ sign -29.003 ± 0.156 $\chi^2/\text{NDF}: 17283.6/27$

All: -28.535 ± 0.111 $\chi^2/\text{NDF}: 32781.5/56$

- sign -28.062 ± 0.157 $\chi^2/\text{NDF}: 15479.9/28$

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 11.759 ± 2.050 $\chi^2/\text{NDF}: 33.8/2$

Left Out: 3.126 ± 0.125 $\chi^2/\text{NDF}: 8049.0/24$

Right Out: 7.856 ± 1.301 $\chi^2/\text{NDF}: 268.3/5$

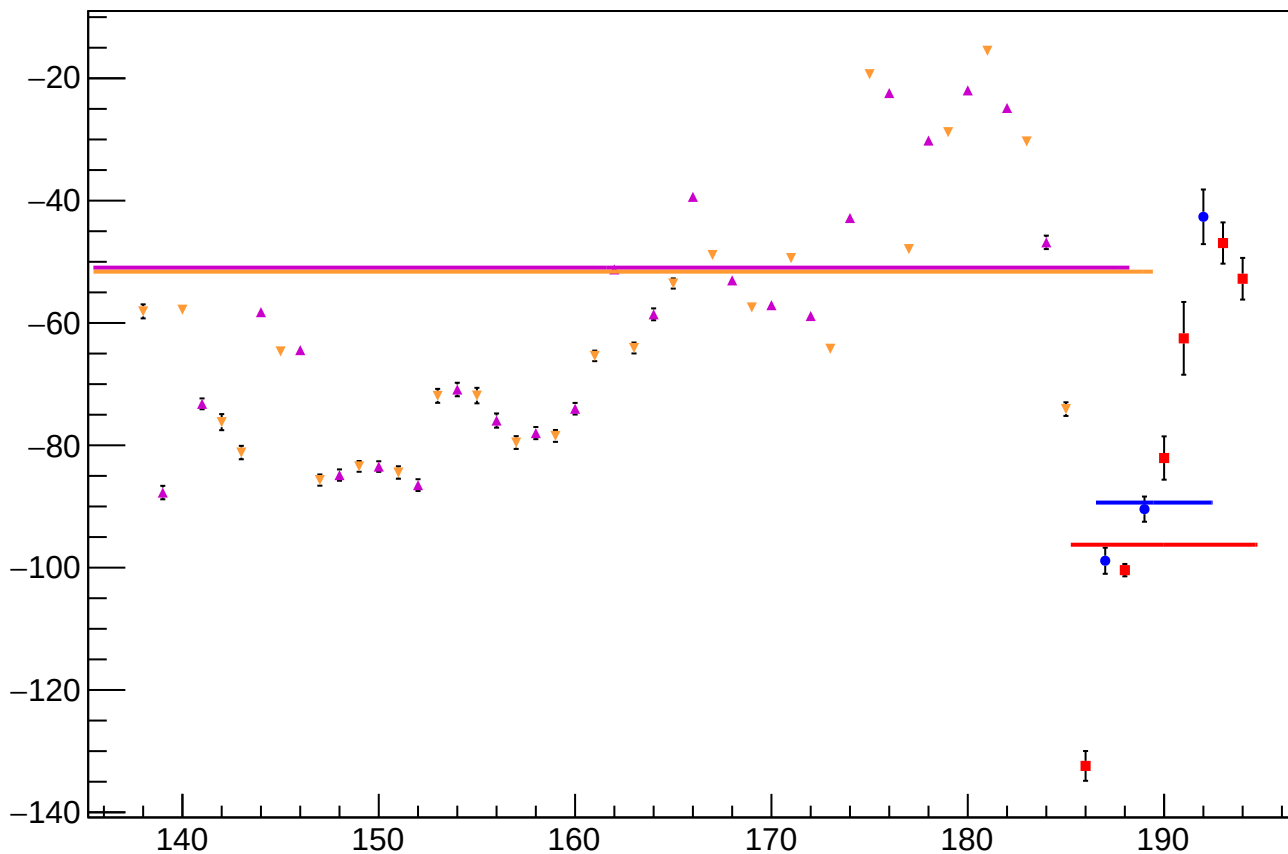
Left In: 3.224 ± 0.127 $\chi^2/\text{NDF}: 6274.0/22$

+ sign 3.157 ± 0.124 $\chi^2/\text{NDF}: 8100.5/27$

All: 3.212 ± 0.089 $\chi^2/\text{NDF}: 14655.7/56$

- sign 3.267 ± 0.126 $\chi^2/\text{NDF}: 6554.8/28$

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -89.363 ± 1.406 χ^2/NDF : 129.5/2

Left Out: -51.610 ± 0.158 χ^2/NDF : 19384.9/24

Right Out: -96.252 ± 0.836 χ^2/NDF : 662.5/5

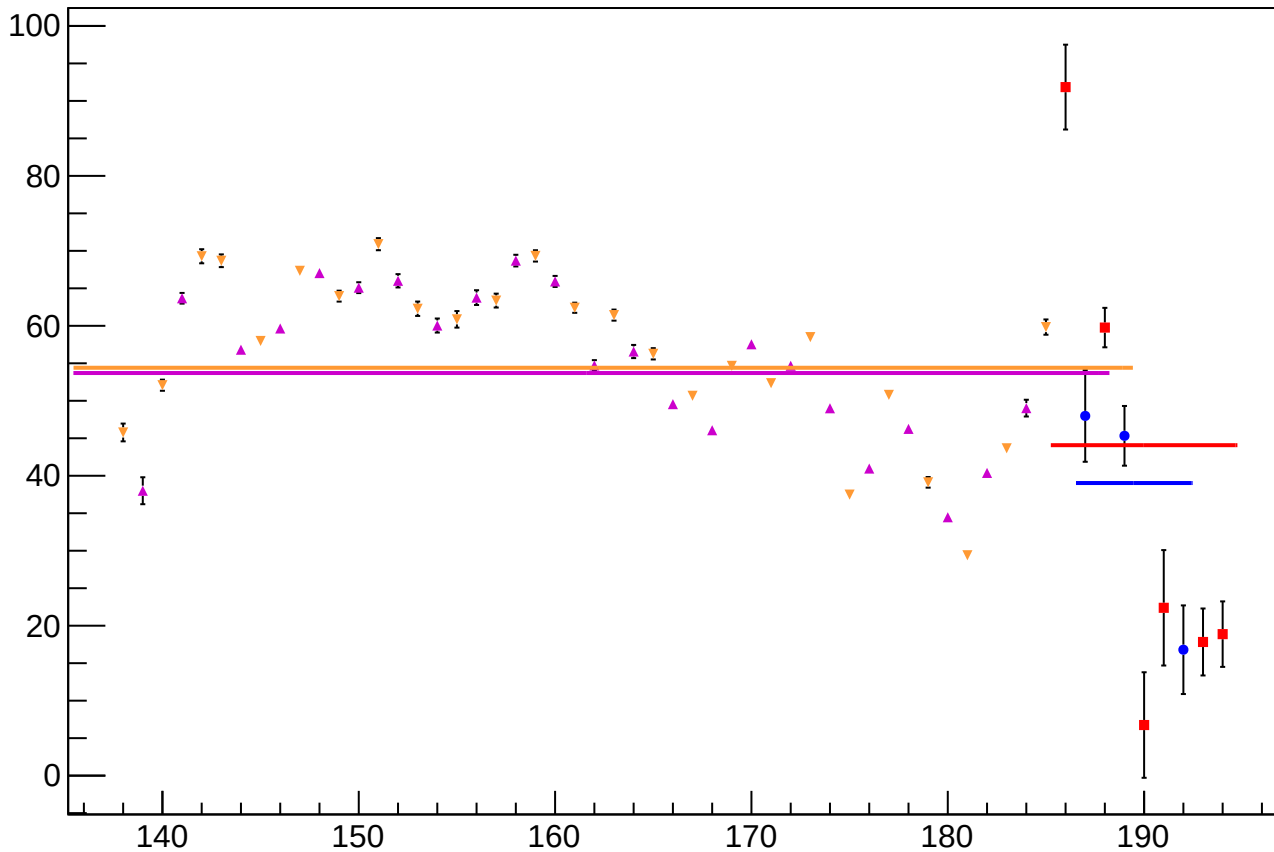
Left In: -50.954 ± 0.159 χ^2/NDF : 17472.2/22

+ sign -52.081 ± 0.157 χ^2/NDF : 20226.2/27

All: -52.313 ± 0.111 χ^2/NDF : 41195.8/56

- sign -52.543 ± 0.157 χ^2/NDF : 20965.3/28

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 39.030 $\pm$ 2.906 χ^2 /NDF: 18.8/2

Left Out: 54.407 $\pm$ 0.141 χ^2 /NDF: 6200.4/24

Right Out: 44.078 $\pm$ 1.781 χ^2 /NDF: 210.7/5

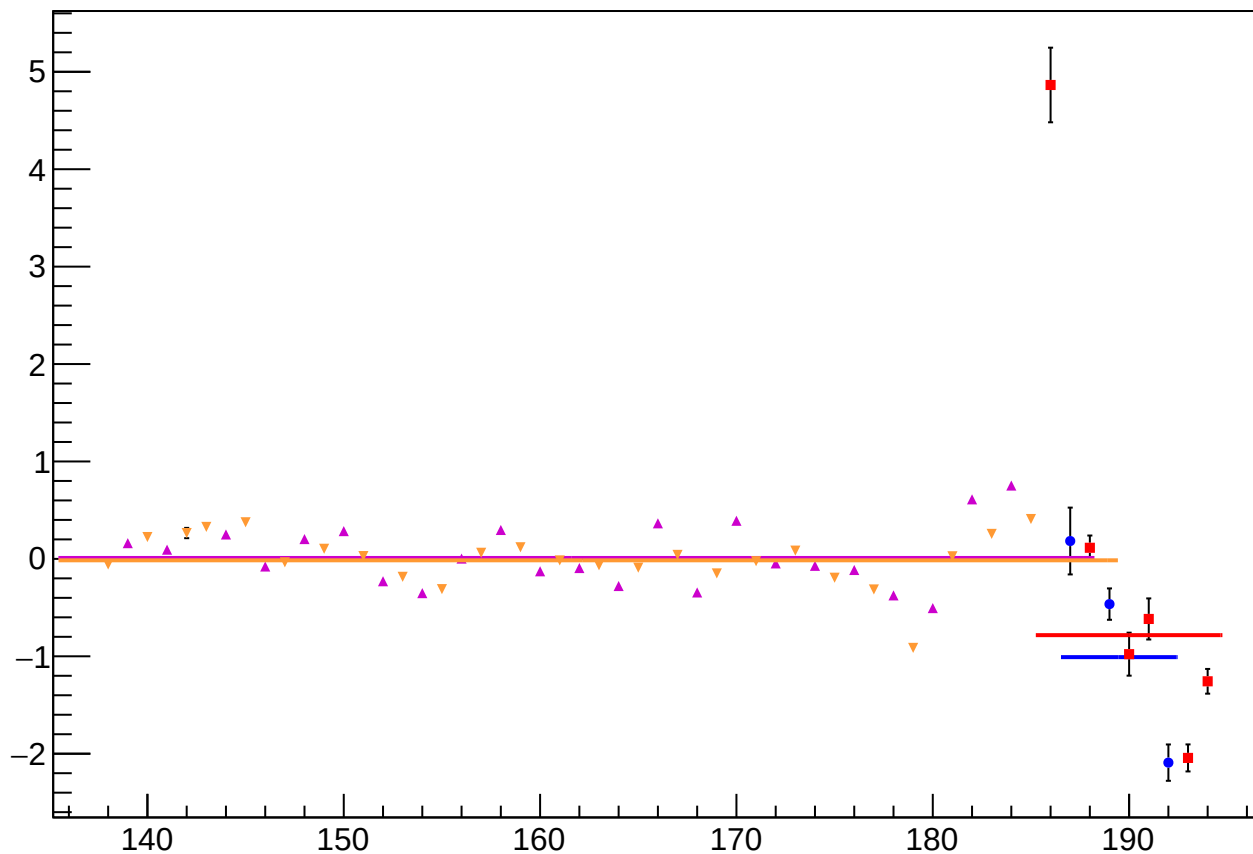
Left In: 53.704 $\pm$ 0.143 χ^2 /NDF: 4603.5/22

+ sign 54.371 $\pm$ 0.140 χ^2 /NDF: 6247.2/27

All: 54.011 $\pm$ 0.100 χ^2 /NDF: 11103.6/56

- sign 53.642 $\pm$ 0.142 χ^2 /NDF: 4843.2/28

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -1.009 ± 0.115 $\chi^2/\text{NDF}: 57.2/2$

Left Out: -0.015 ± 0.006 $\chi^2/\text{NDF}: 1645.9/24$

Right Out: -0.783 ± 0.066 $\chi^2/\text{NDF}: 366.1/5$

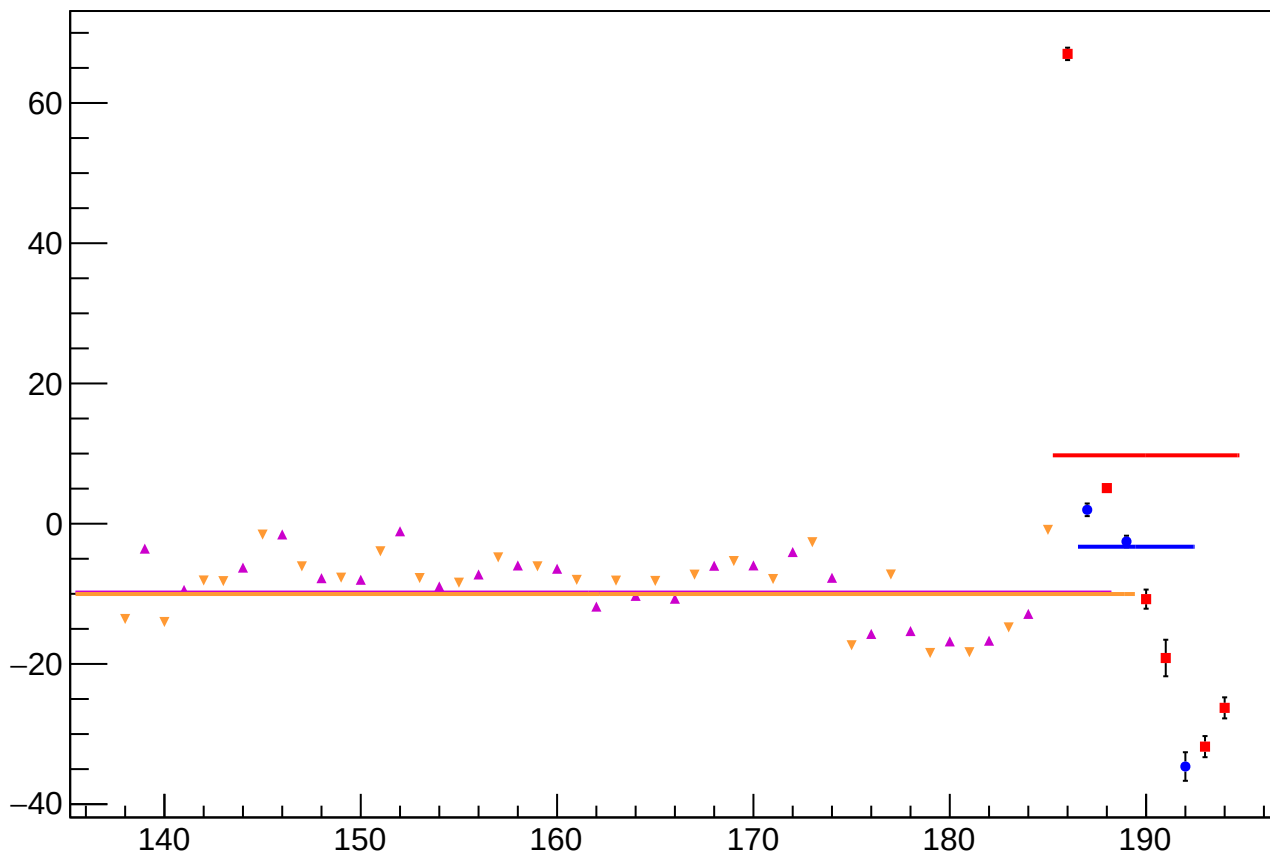
Left In: 0.009 ± 0.007 $\chi^2/\text{NDF}: 2228.9/22$

+ sign -0.018 ± 0.006 $\chi^2/\text{NDF}: 1777.8/27$

All: -0.008 ± 0.005 $\chi^2/\text{NDF}: 4518.6/56$

- sign 0.002 ± 0.006 $\chi^2/\text{NDF}: 2736.3/28$

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -3.283 ± 0.585 χ^2/NDF : 271.7/2

Left Out: -10.030 ± 0.051 χ^2/NDF : 12530.2/24

Right Out: 9.750 ± 0.356 χ^2/NDF : 5982.8/5

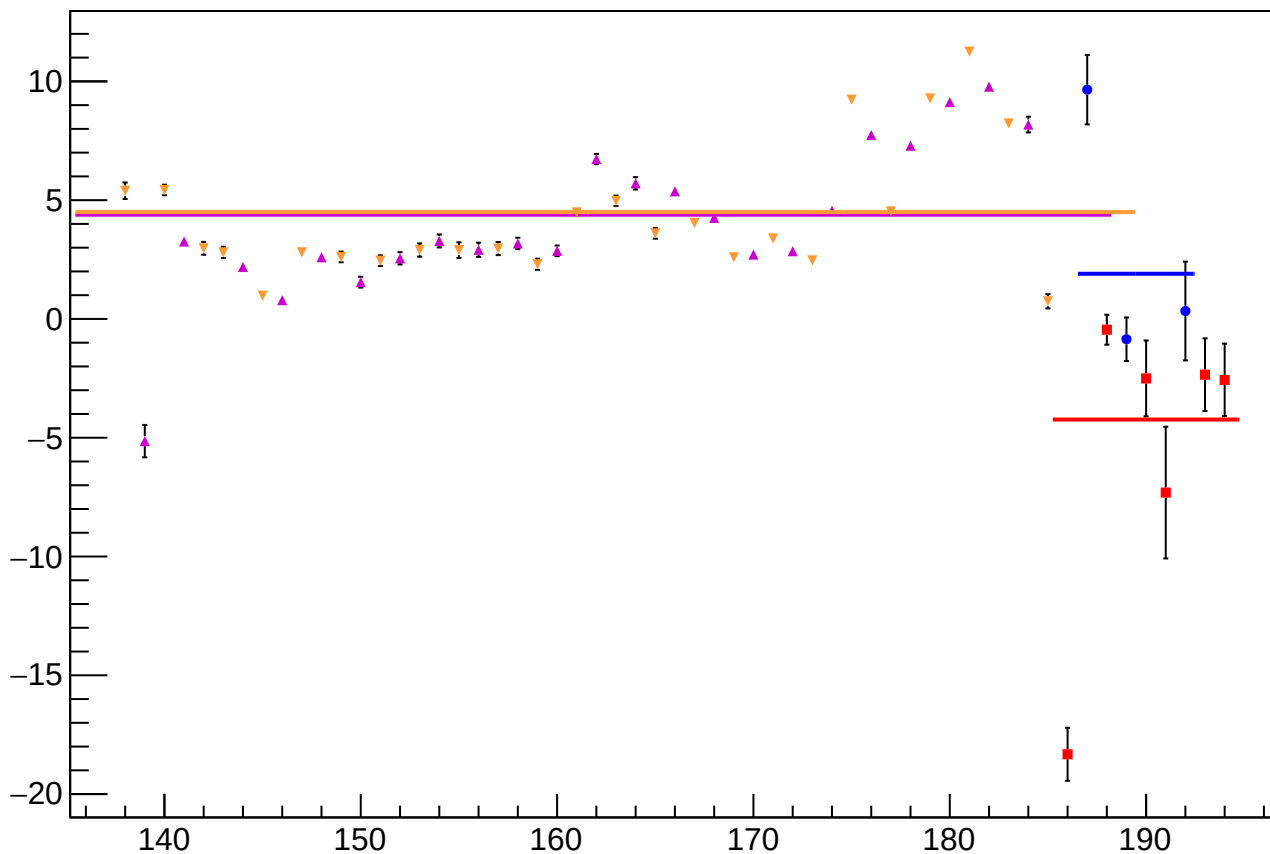
Left In: -9.820 ± 0.051 χ^2/NDF : 9468.8/22

+ sign -9.979 ± 0.051 χ^2/NDF : 12934.0/27

All: -9.702 ± 0.036 χ^2/NDF : 31404.1/56

- sign -9.424 ± 0.051 χ^2/NDF : 18409.9/28

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 1.902 $\pm$ 0.728 χ^2 /NDF: 37.7/2

Left Out: 4.499 $\pm$ 0.041 χ^2 /NDF: 4809.3/24

Right Out: -4.235 $\pm$ 0.461 χ^2 /NDF: 200.4/5

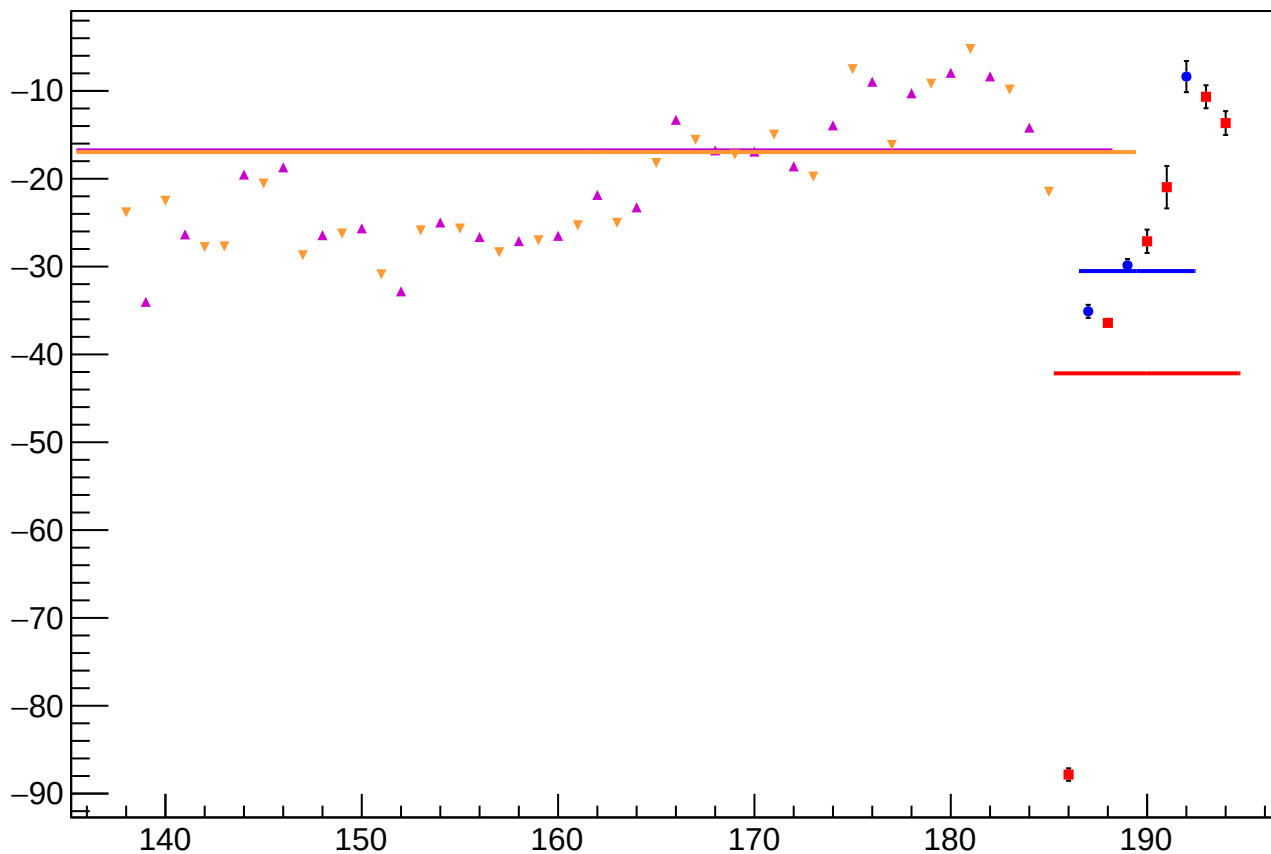
Left In: 4.388 $\pm$ 0.041 χ^2 /NDF: 4266.4/22

+ sign 4.490 $\pm$ 0.041 χ^2 /NDF: 4859.7/27

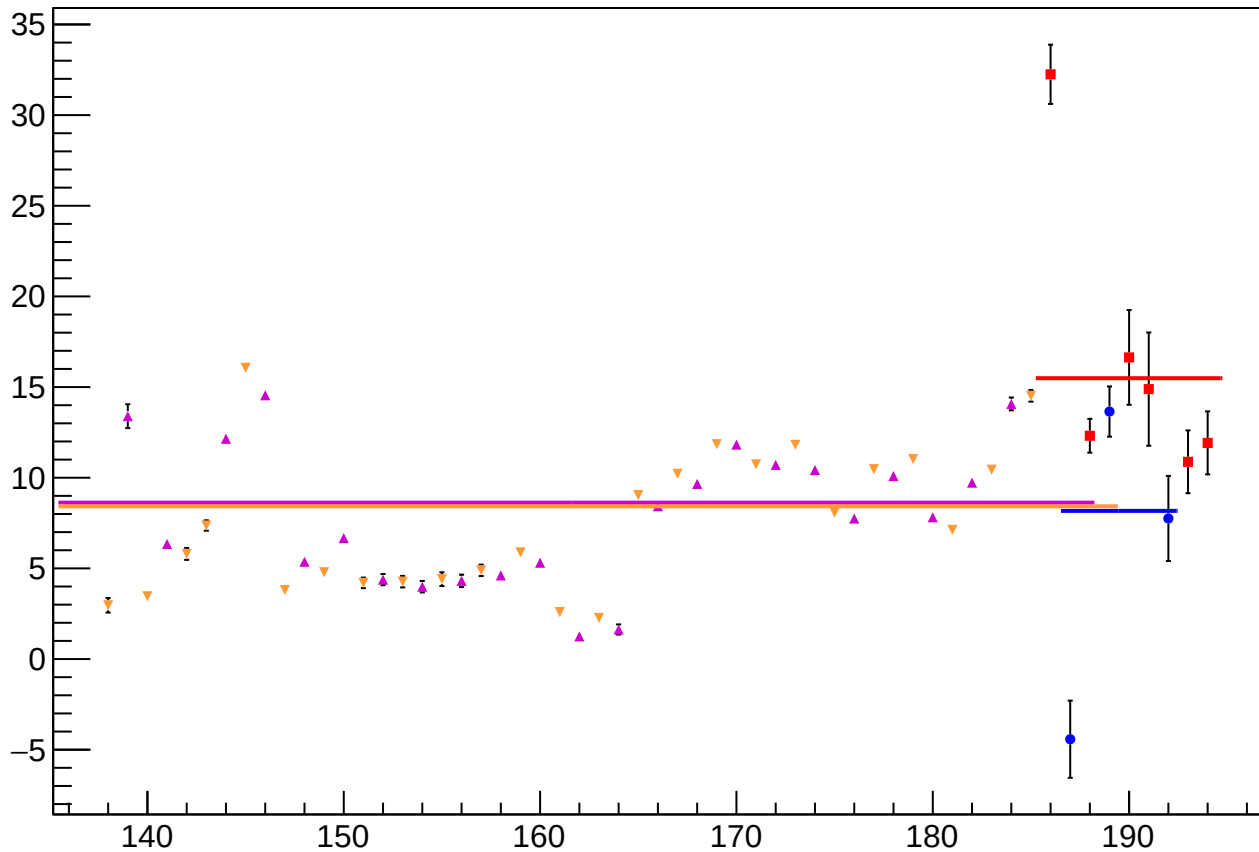
All: 4.406 $\pm$ 0.029 χ^2 /NDF: 9681.7/56

- sign 4.320 $\pm$ 0.041 χ^2 /NDF: 4813.3/28

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 8.172 ± 1.040 $\chi^2/\text{NDF}: 50.7/2$

Left Out: 8.424 ± 0.046 $\chi^2/\text{NDF}: 6478.6/24$

Right Out: 15.489 ± 0.640 $\chi^2/\text{NDF}: 128.2/5$

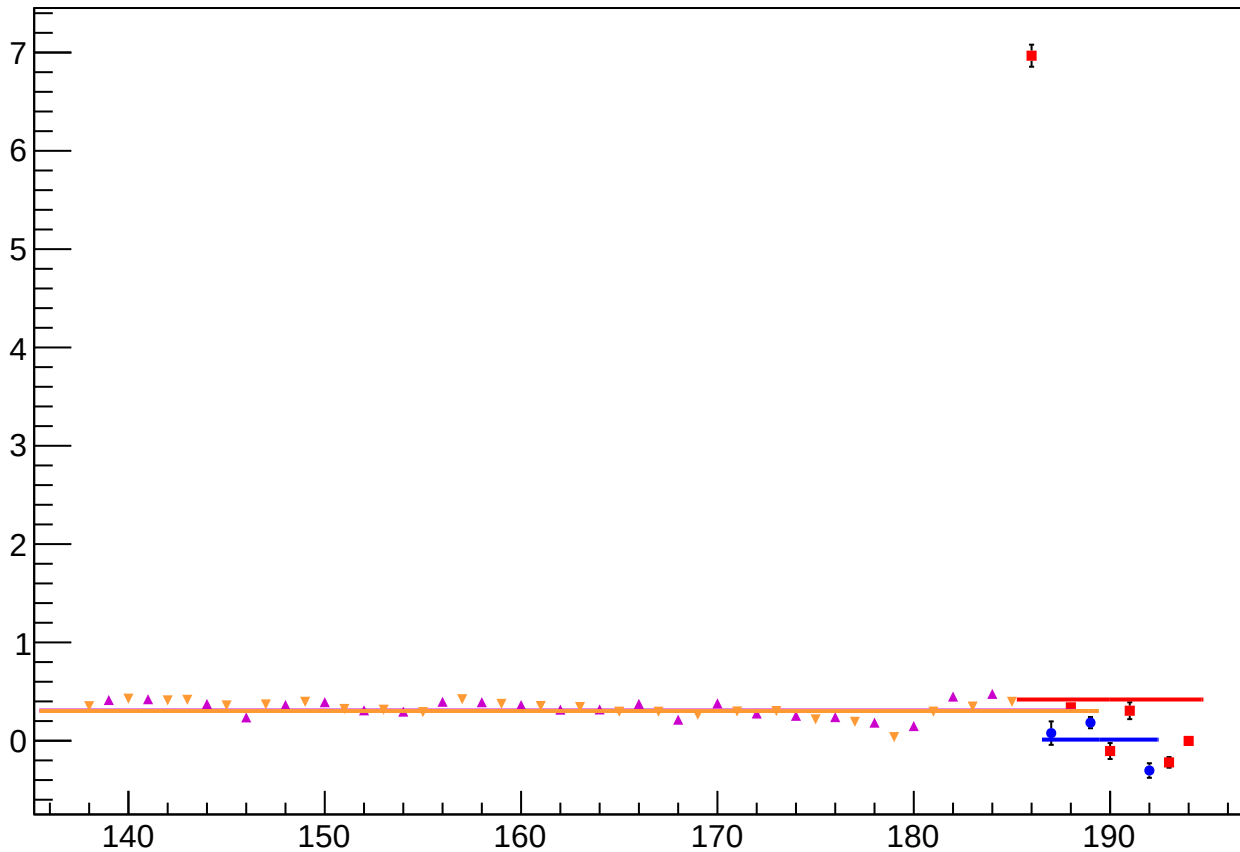
Left In: 8.626 ± 0.046 $\chi^2/\text{NDF}: 5531.9/22$

+ sign 8.423 ± 0.046 $\chi^2/\text{NDF}: 6529.4/27$

All: 8.541 ± 0.032 $\chi^2/\text{NDF}: 12317.2/56$

- sign 8.661 ± 0.046 $\chi^2/\text{NDF}: 5774.4/28$

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.011 ± 0.042 χ^2/NDF : 27.5/2

Left Out: 0.302 ± 0.002 χ^2/NDF : 1589.8/24

Right Out: 0.419 ± 0.025 χ^2/NDF : 3664.0/5

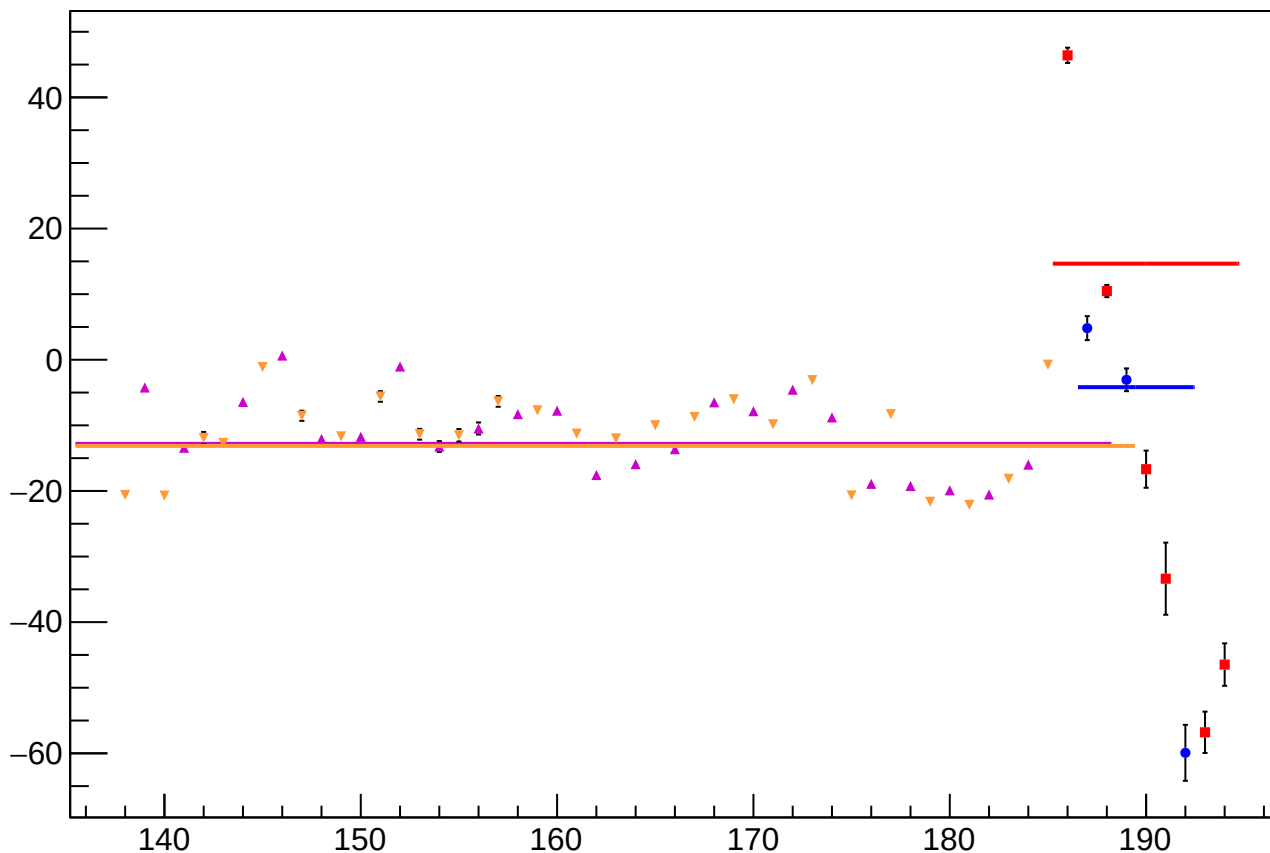
Left In: 0.307 ± 0.002 χ^2/NDF : 1716.8/22

+ sign 0.302 ± 0.002 χ^2/NDF : 1664.3/27

All: 0.305 ± 0.001 χ^2/NDF : 7069.8/56

- sign 0.308 ± 0.002 χ^2/NDF : 5400.8/28

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -4.180 ± 1.207 χ^2/NDF : 195.5/2

Left Out: -13.133 ± 0.094 χ^2/NDF : 5974.5/24

Right Out: 14.651 ± 0.668 χ^2/NDF : 1831.2/5

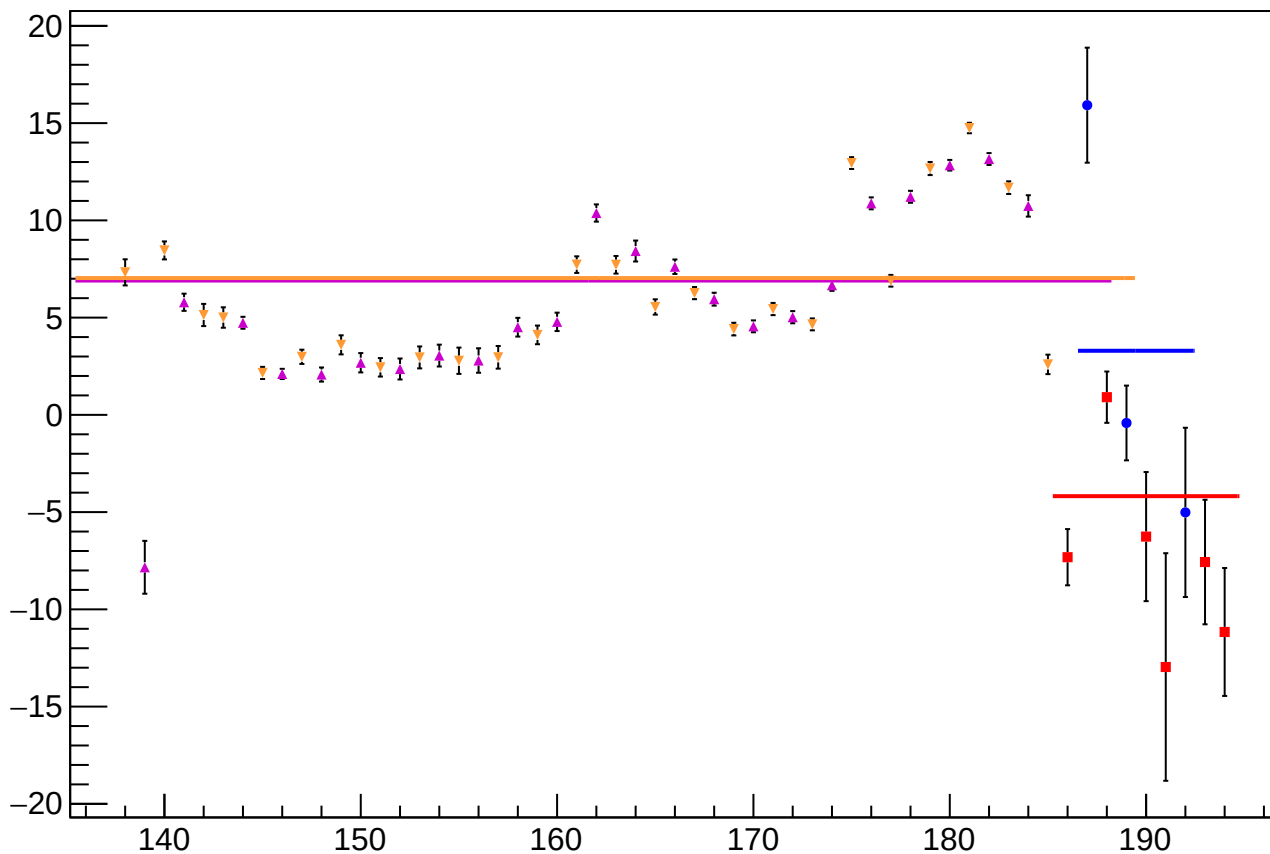
Left In: -12.823 ± 0.095 χ^2/NDF : 4841.5/22

+ sign -13.079 ± 0.093 χ^2/NDF : 6224.6/27

All: -12.682 ± 0.066 χ^2/NDF : 14590.8/56

- sign -12.282 ± 0.094 χ^2/NDF : 8329.9/28

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 3.296 ± 1.511 $\chi^2/\text{NDF}: 25.6/2$

Left Out: 7.034 ± 0.077 $\chi^2/\text{NDF}: 2657.5/24$

Right Out: -4.181 ± 0.857 $\chi^2/\text{NDF}: 27.9/5$

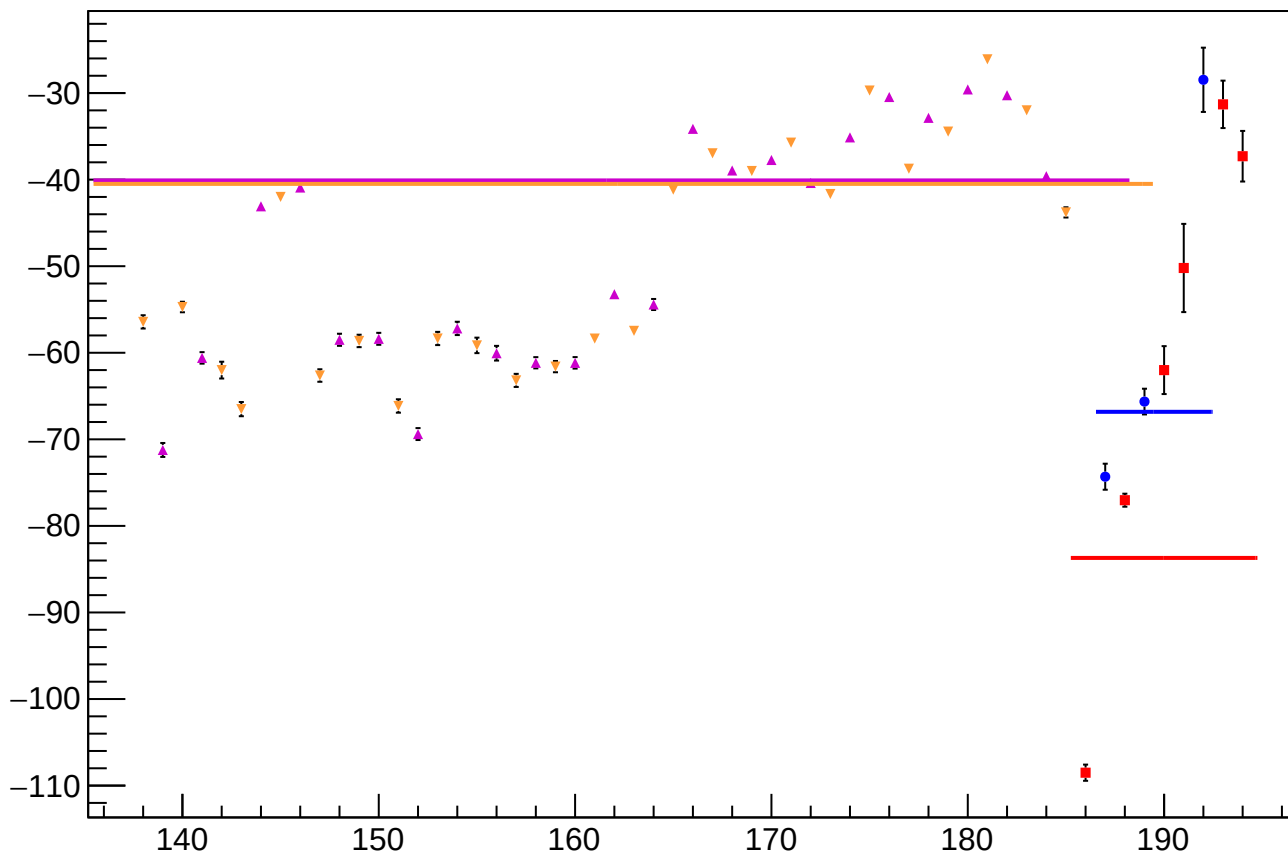
Left In: 6.906 ± 0.077 $\chi^2/\text{NDF}: 2442.8/22$

+ sign 7.024 ± 0.077 $\chi^2/\text{NDF}: 2689.2/27$

All: 6.920 ± 0.055 $\chi^2/\text{NDF}: 5329.7/56$

- sign 6.816 ± 0.077 $\chi^2/\text{NDF}: 2636.8/28$

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -66.822 ± 1.017 $\chi^2/\text{NDF}: 132.2/2$

Left Out: -40.492 ± 0.095 $\chi^2/\text{NDF}: 15435.0/24$

Right Out: -83.699 ± 0.548 $\chi^2/\text{NDF}: 1504.4/5$

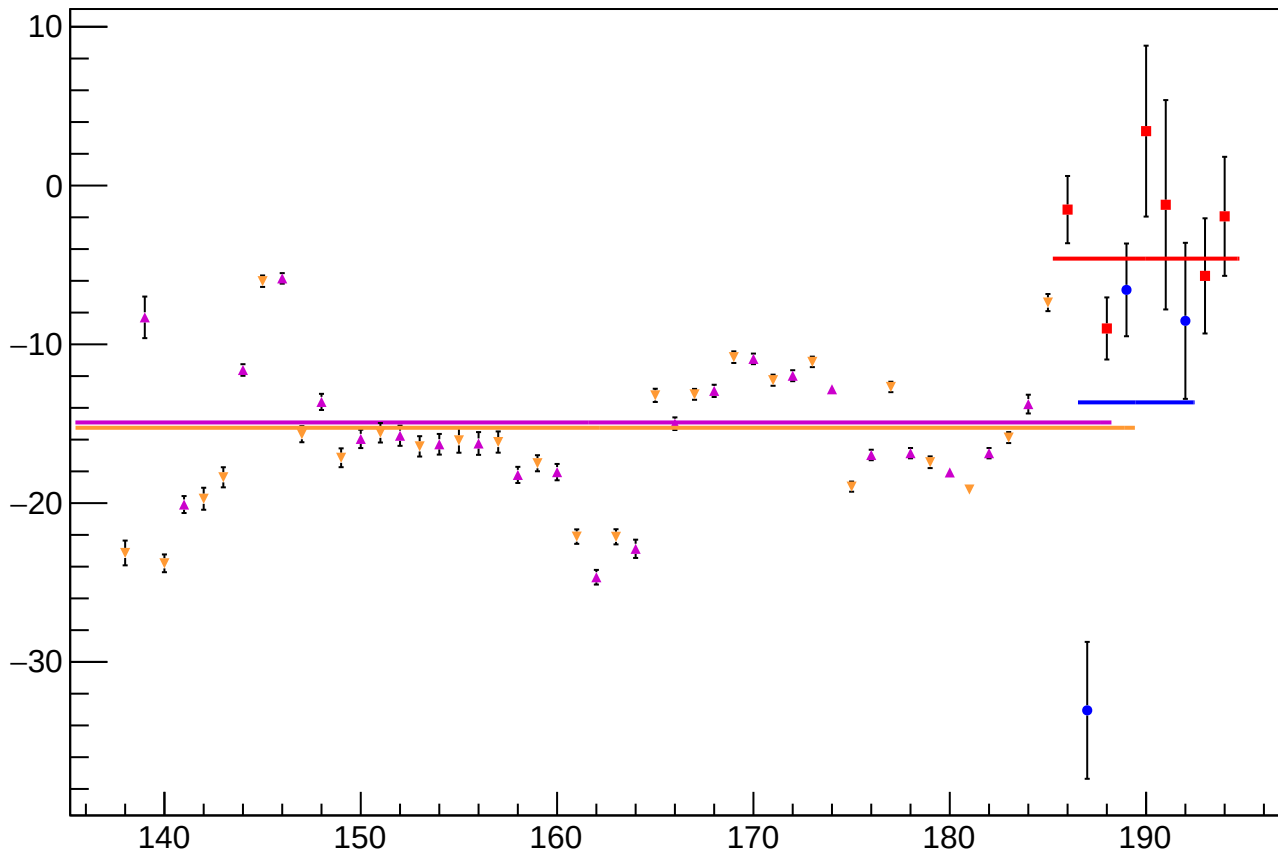
Left In: -40.091 ± 0.095 $\chi^2/\text{NDF}: 14103.5/22$

+ sign -40.720 ± 0.094 $\chi^2/\text{NDF}: 16232.2/27$

All: -41.047 ± 0.067 $\chi^2/\text{NDF}: 38015.1/56$

- sign -41.371 ± 0.094 $\chi^2/\text{NDF}: 21758.9/28$

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -13.655 ± 2.169 $\chi^2/\text{NDF}: 27.2/2$

Left Out: -15.254 ± 0.086 $\chi^2/\text{NDF}: 2594.4/24$

Right Out: -4.602 ± 1.204 $\chi^2/\text{NDF}: 10.3/5$

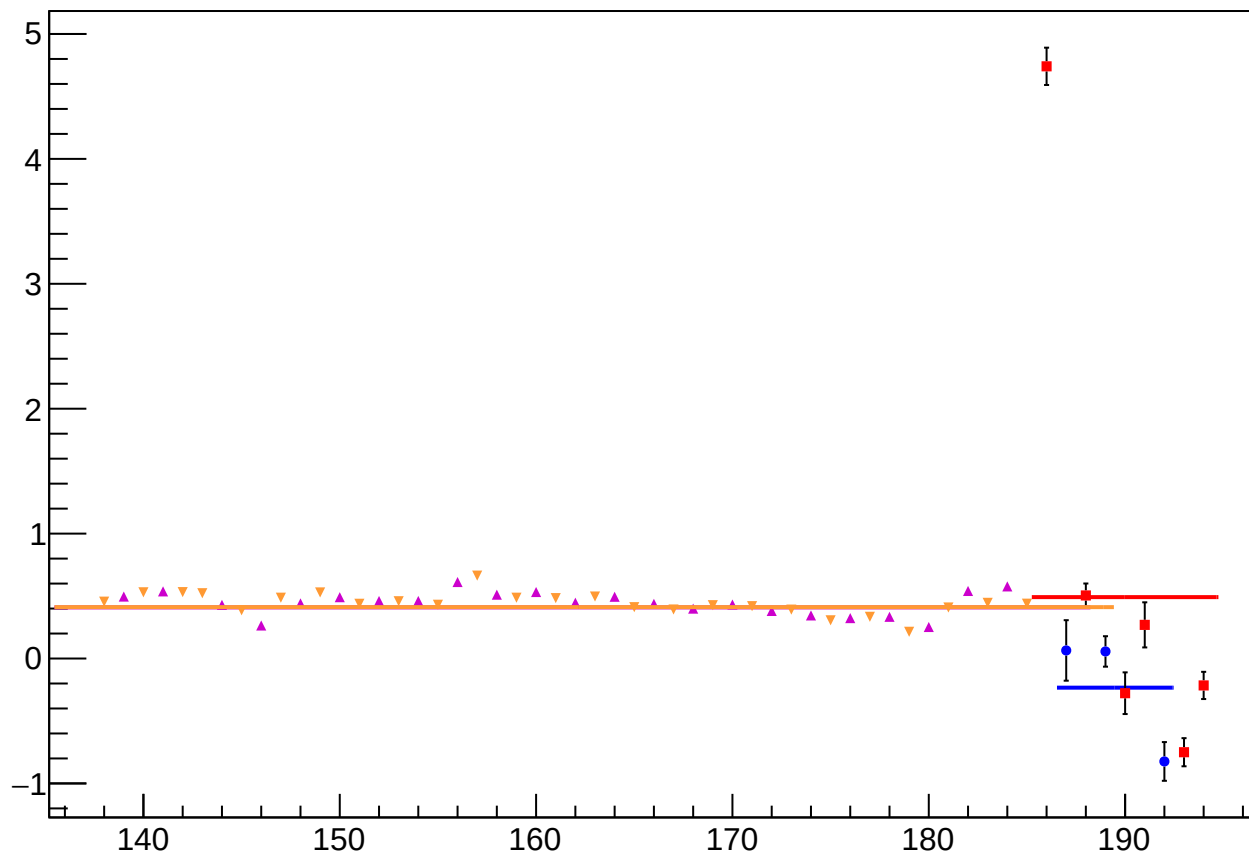
Left In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

+ sign -15.252 ± 0.086 $\chi^2/\text{NDF}: 2622.2/27$

All: -15.060 ± 0.061 $\chi^2/\text{NDF}: 4923.2/56$

- sign -14.866 ± 0.086 $\chi^2/\text{NDF}: 2291.0/28$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.233 ± 0.089 χ^2/NDF : 21.7/2

Left Out: 0.411 ± 0.004 χ^2/NDF : 428.8/24

Right Out: 0.492 ± 0.051 χ^2/NDF : 995.8/5

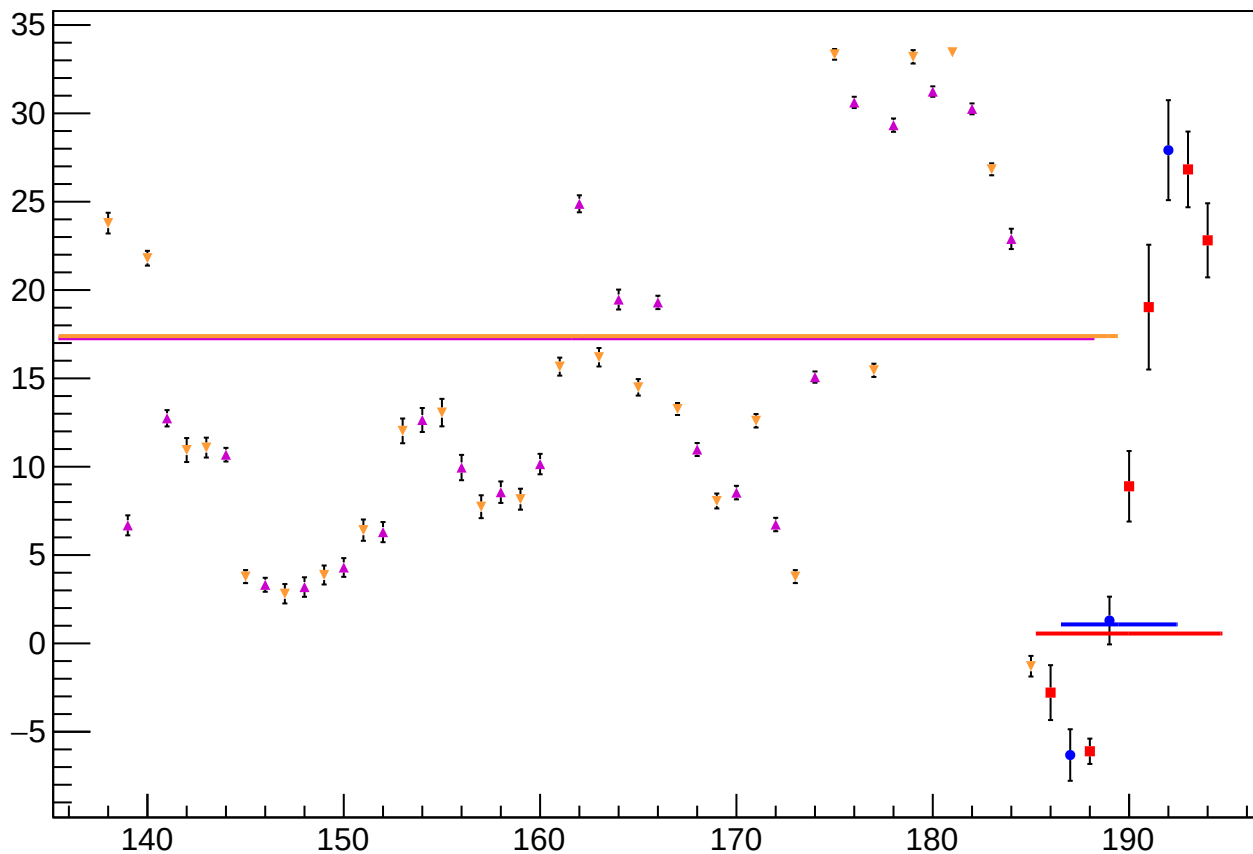
Left In: 0.409 ± 0.004 χ^2/NDF : 561.9/22

+ sign 0.410 ± 0.004 χ^2/NDF : 502.7/27

All: 0.410 ± 0.003 χ^2/NDF : 2062.9/56

- sign 0.410 ± 0.004 χ^2/NDF : 1560.3/28

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.075 $\pm$ 0.935 χ^2 /NDF: 115.7/2

Left Out: 17.393 $\pm$ 0.087 χ^2 /NDF:16305.7/24

Right Out: 0.558 $\pm$ 0.565 χ^2 /NDF: 398.8/5

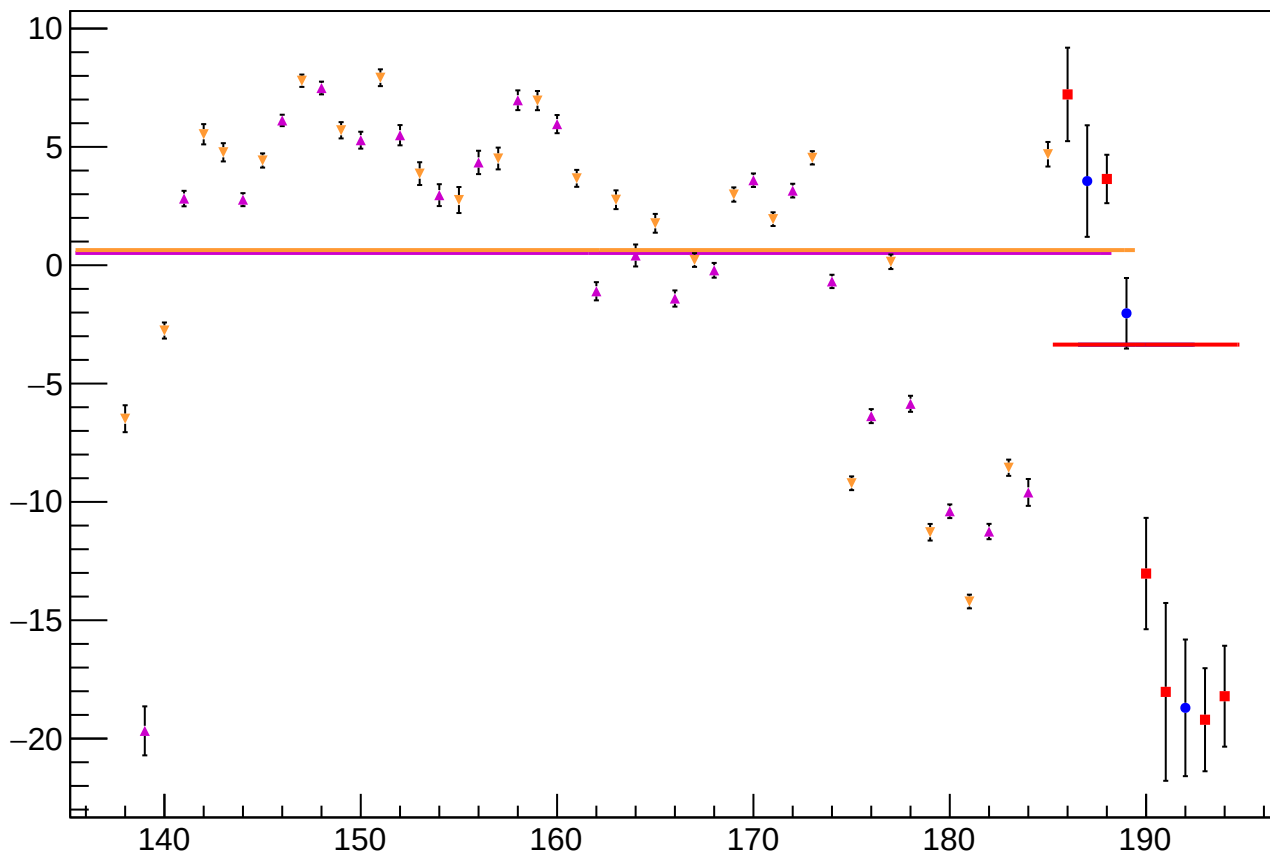
Left In: 17.271 $\pm$ 0.088 χ^2 /NDF:12892.2/22

+ sign 17.252 $\pm$ 0.087 χ^2 /NDF: 16723.2/27

All: 17.063 $\pm$ 0.062 χ^2 /NDF: 30878.9/56

- sign 16.870 $\pm$ 0.087 χ^2 /NDF: 14146.1/28

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -3.357 ± 1.155 $\chi^2/\text{NDF}: 37.7/2$

Left Out: 0.639 ± 0.070 $\chi^2/\text{NDF}: 8514.9/24$

Right Out: -3.354 ± 0.727 $\chi^2/\text{NDF}: 209.2/5$

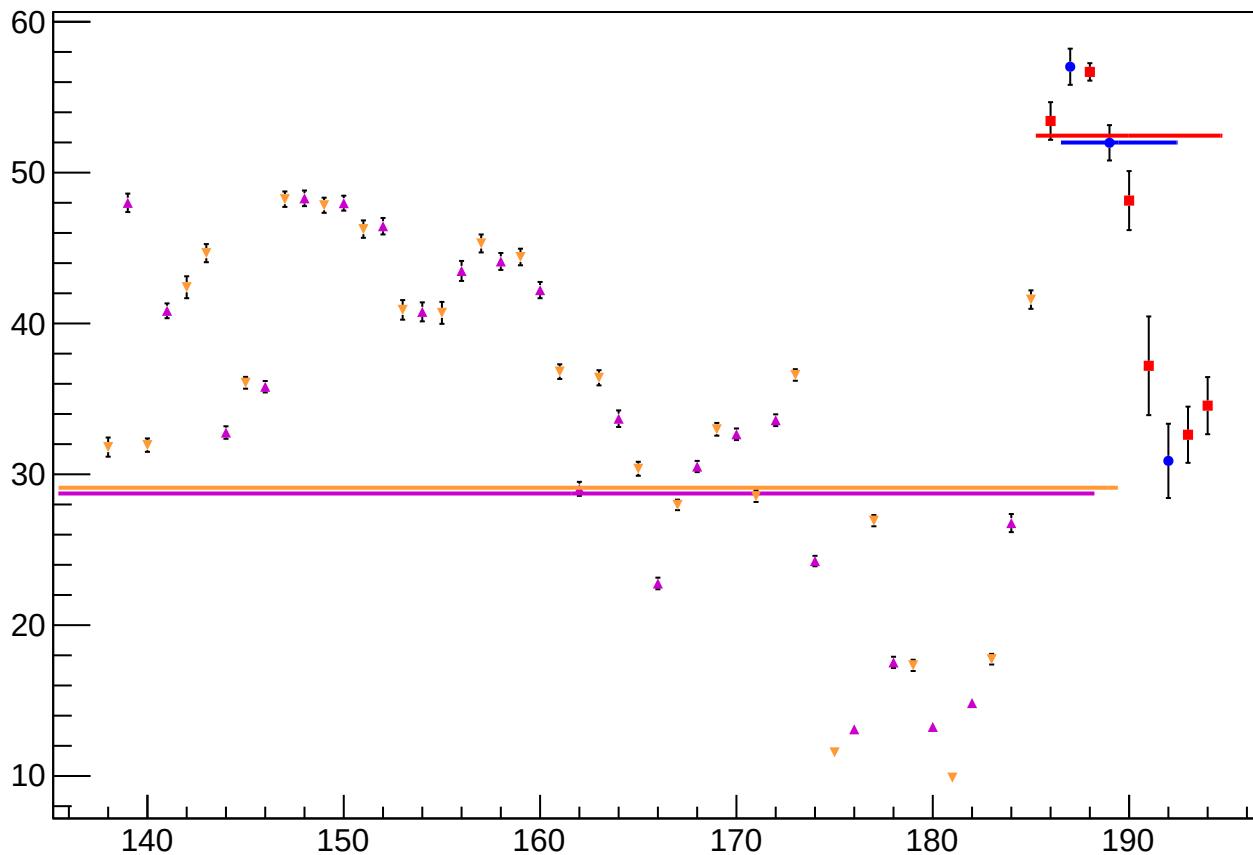
Left In: 0.519 ± 0.071 $\chi^2/\text{NDF}: 6776.8/22$

+ sign 0.625 ± 0.069 $\chi^2/\text{NDF}: 8564.5/27$

All: 0.555 ± 0.049 $\chi^2/\text{NDF}: 15580.6/56$

- sign 0.483 ± 0.070 $\chi^2/\text{NDF}: 7014.1/28$

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 51.995+/-0.793 χ^2/NDF : 91.0/2

Left Out: 29.110+/-0.088 χ^2/NDF :18845.8/24

Right Out: 52.451+/-0.469 χ^2/NDF : 283.2/5

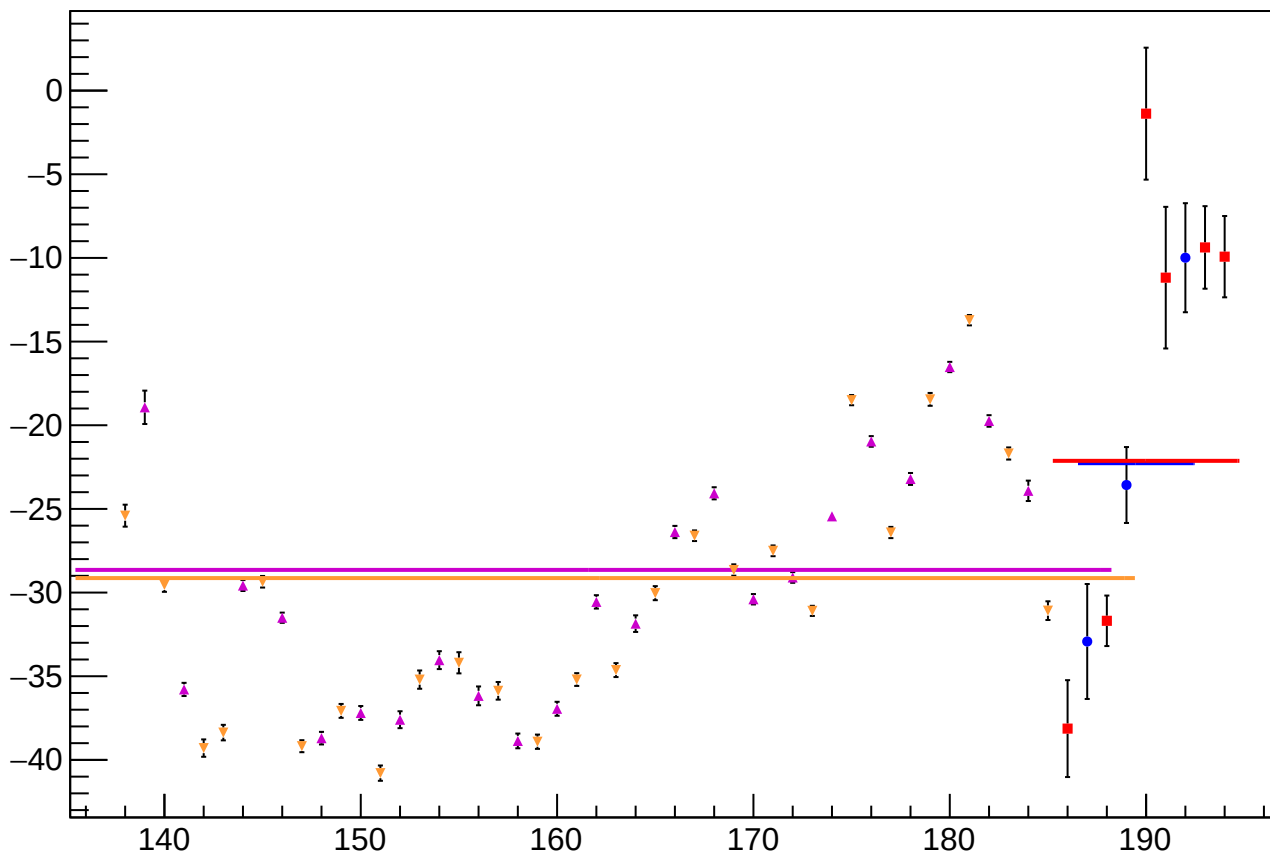
Left In: 28.728+/-0.089 χ^2/NDF :17037.4/22

+ sign 29.388+/-0.087 χ^2/NDF : 19759.2/27

All: 29.469+/-0.062 χ^2/NDF : 39554.0/56

- sign 29.549+/-0.087 χ^2/NDF : 19793.1/28

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -22.268 ± 1.637 χ^2/NDF : 24.1/2

Left Out: -29.134 ± 0.078 χ^2/NDF : 8998.0/24

Right Out: -22.127 ± 0.994 χ^2/NDF : 157.0/5

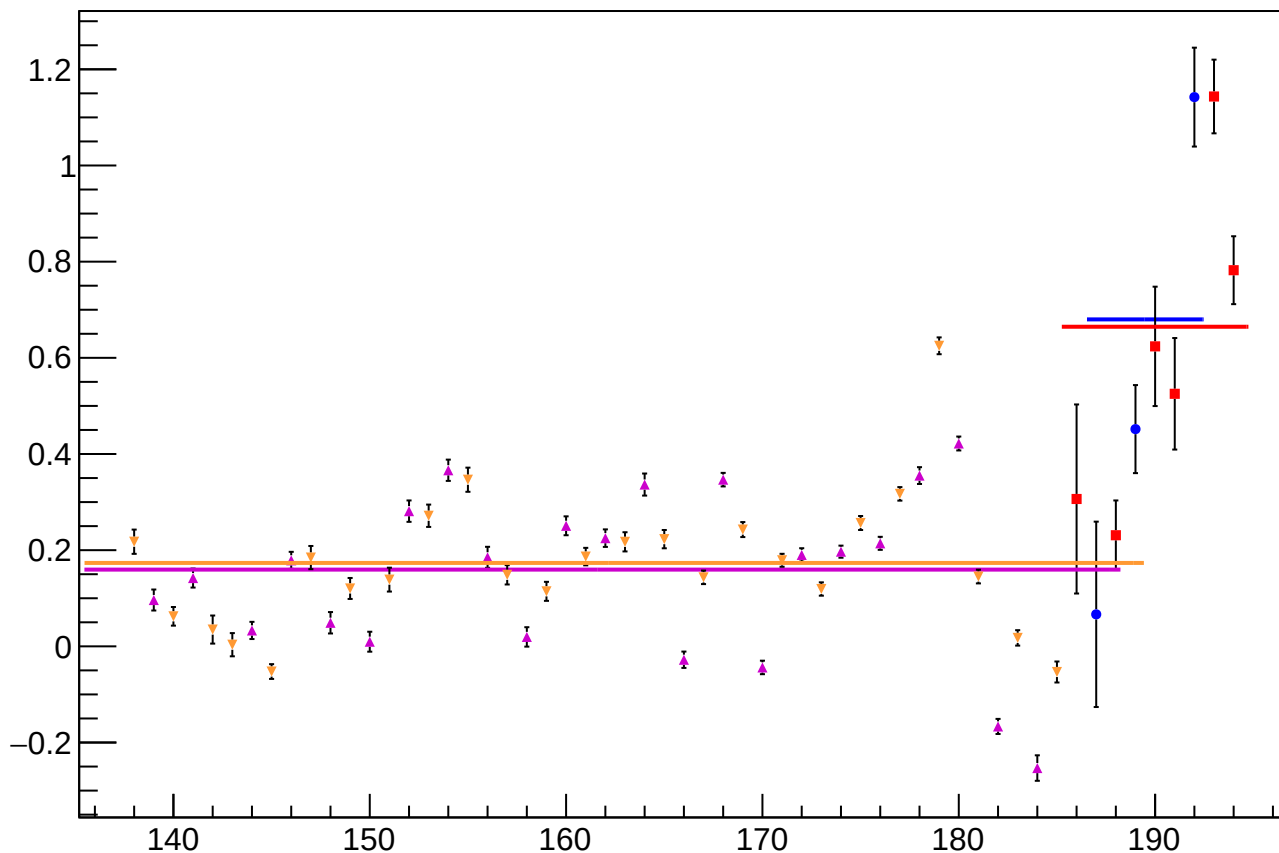
Left In: -28.645 ± 0.080 χ^2/NDF : 6693.5/22

+ sign -29.118 ± 0.078 χ^2/NDF : 9039.7/27

All: -28.864 ± 0.056 χ^2/NDF : 15954.3/56

- sign -28.603 ± 0.079 χ^2/NDF : 6893.2/28

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.680 $\pm$ 0.064 χ^2 /NDF: 36.5/2

Left Out: 0.173 $\pm$ 0.004 χ^2 /NDF:1468.8/24

Right Out: 0.665 $\pm$ 0.037 χ^2 /NDF: 82.6/5

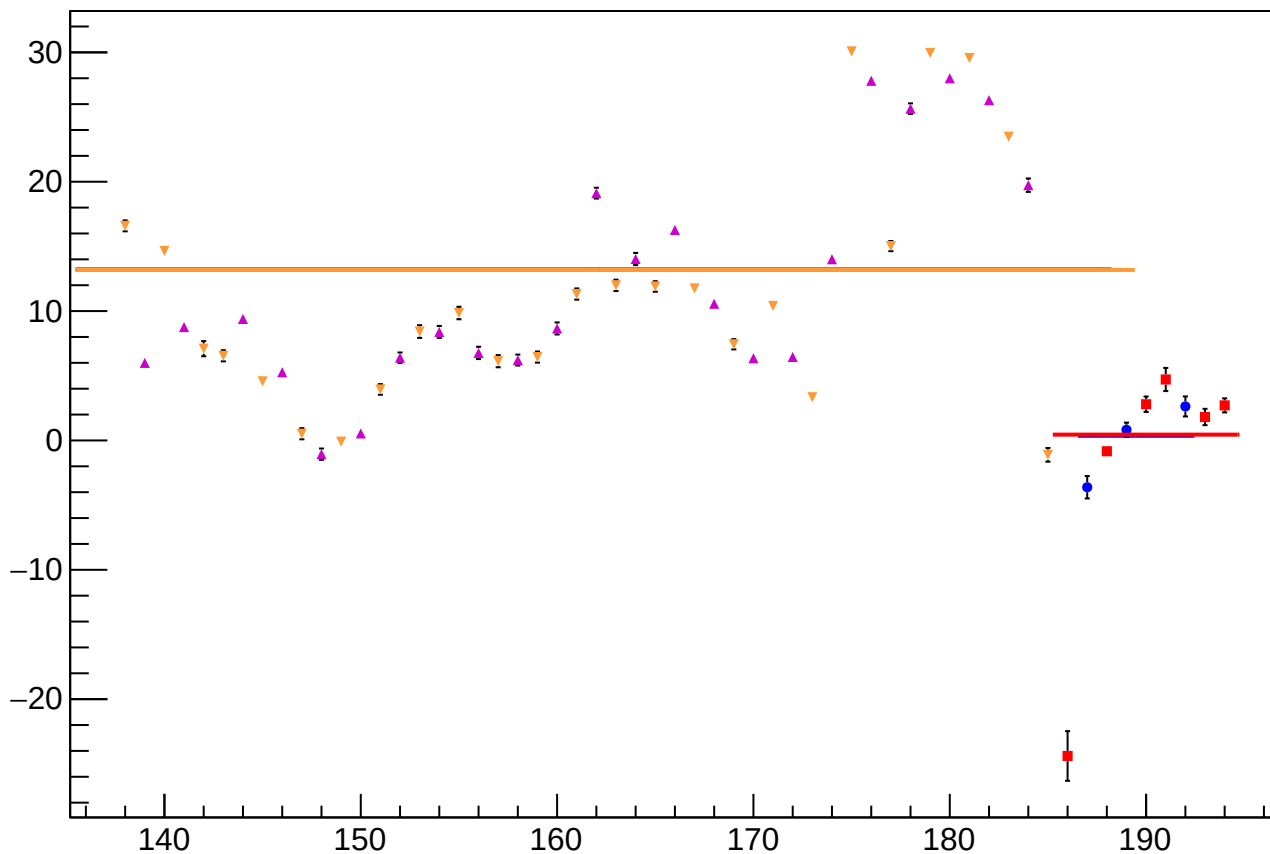
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

+ sign 0.175 $\pm$ 0.004 χ^2 /NDF: 1567.0/27

All: 0.170 $\pm$ 0.003 χ^2 /NDF: 3901.4/56

- sign 0.164 $\pm$ 0.004 χ^2 /NDF: 2330.1/28

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.364+/-0.399 χ^2/NDF : 30.3/2

Left Out: 13.181+/-0.075 χ^2/NDF : 17039.3/24

Right Out: 0.450+/-0.210 χ^2/NDF : 248.3/5

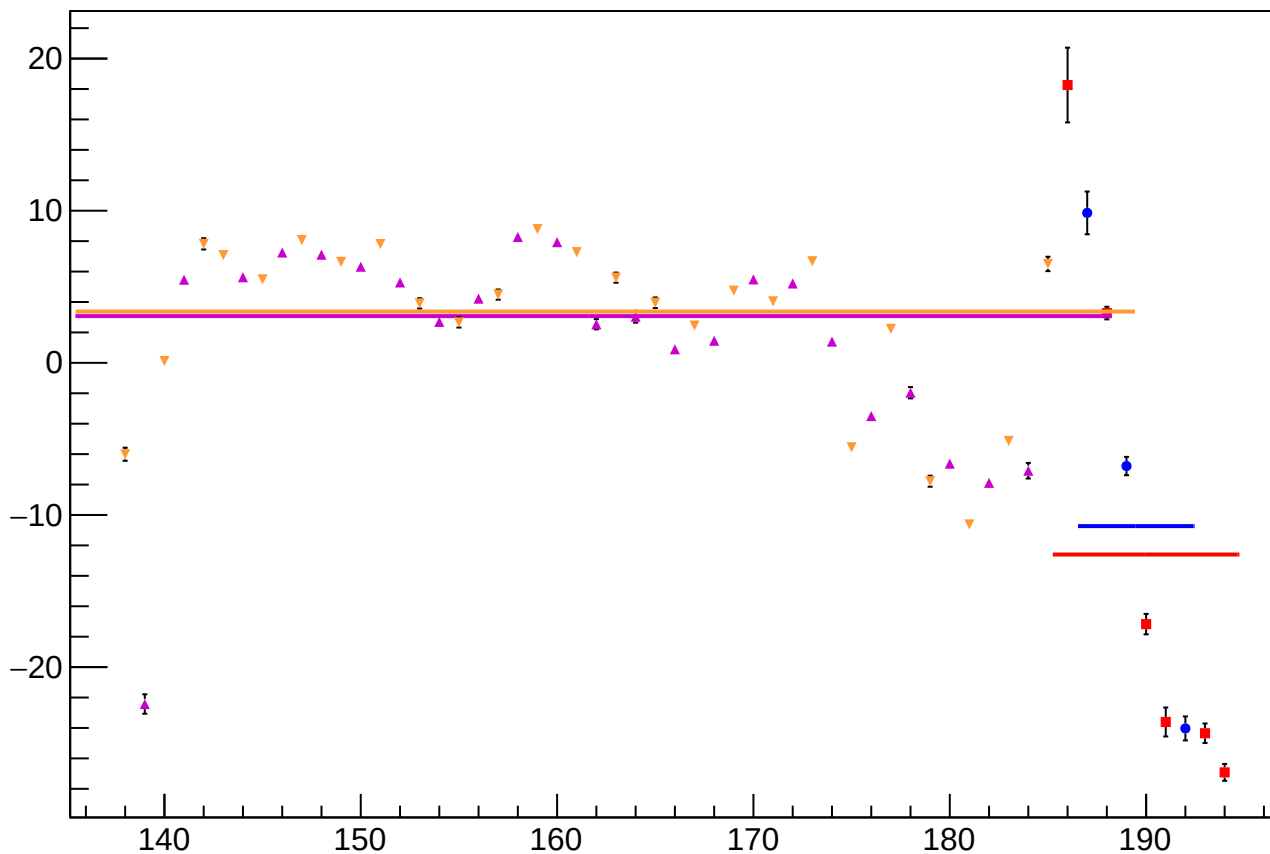
Left In: 13.228+/-0.077 χ^2/NDF : 14126.1/22

+ sign 12.739+/-0.074 χ^2/NDF : 18066.6/27

All: 12.215+/-0.052 χ^2/NDF : 35817.9/56

- sign 11.721+/-0.072 χ^2/NDF : 17654.0/28

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -10.732 ± 0.453 χ^2/NDF : 540.8/2

Left Out: 3.372 ± 0.059 χ^2/NDF : 8053.7/24

Right Out: -12.599 ± 0.258 χ^2/NDF : 2808.4/5

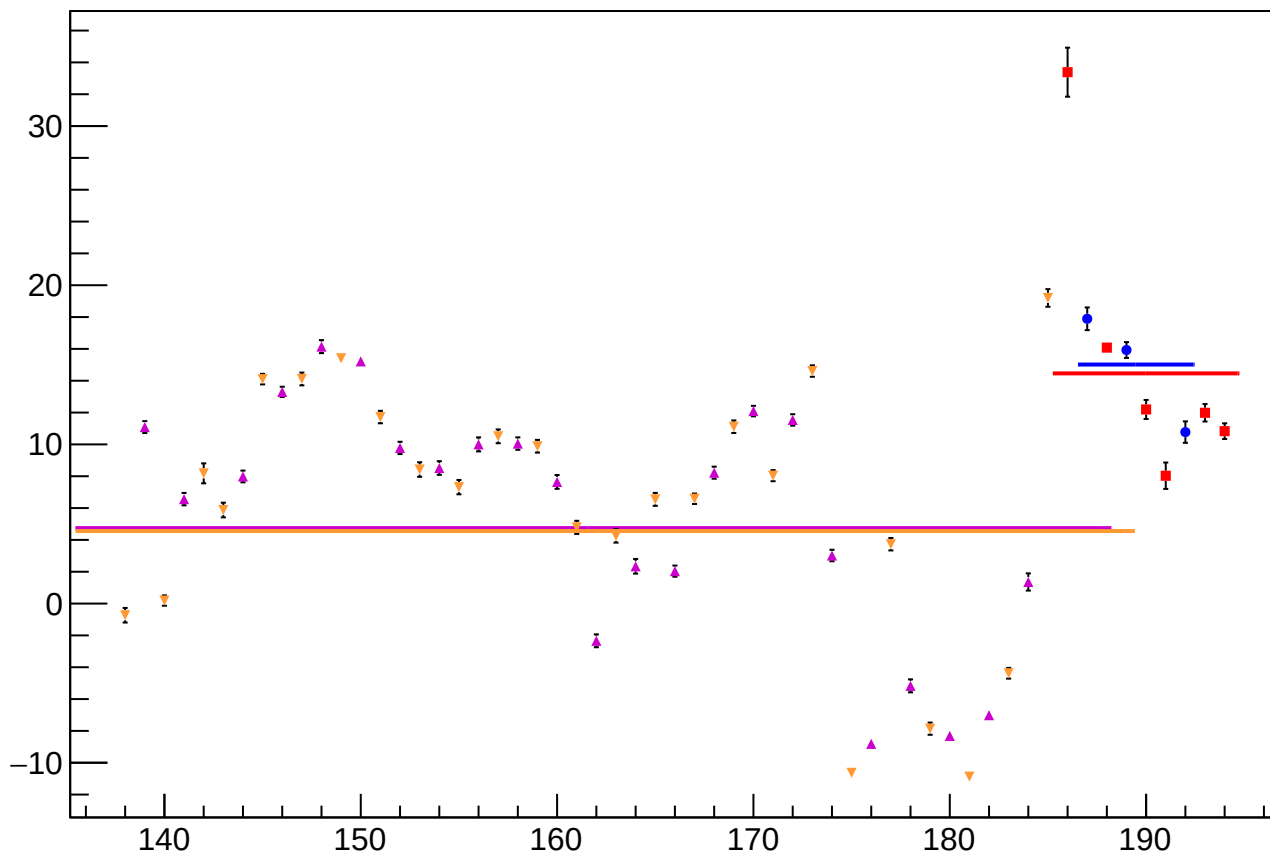
Left In: 3.071 ± 0.060 χ^2/NDF : 7269.0/22

+ sign 3.141 ± 0.058 χ^2/NDF : 9546.1/27

All: 2.705 ± 0.041 χ^2/NDF : 23230.3/56

- sign 2.258 ± 0.059 χ^2/NDF : 13570.2/28

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 15.017 $\pm$ 0.349 χ^2 /NDF: 59.3/2

Left Out: 4.557 $\pm$ 0.076 χ^2 /NDF:13588.4/24

Right Out: 14.462 $\pm$ 0.179 χ^2 /NDF: 350.4/5

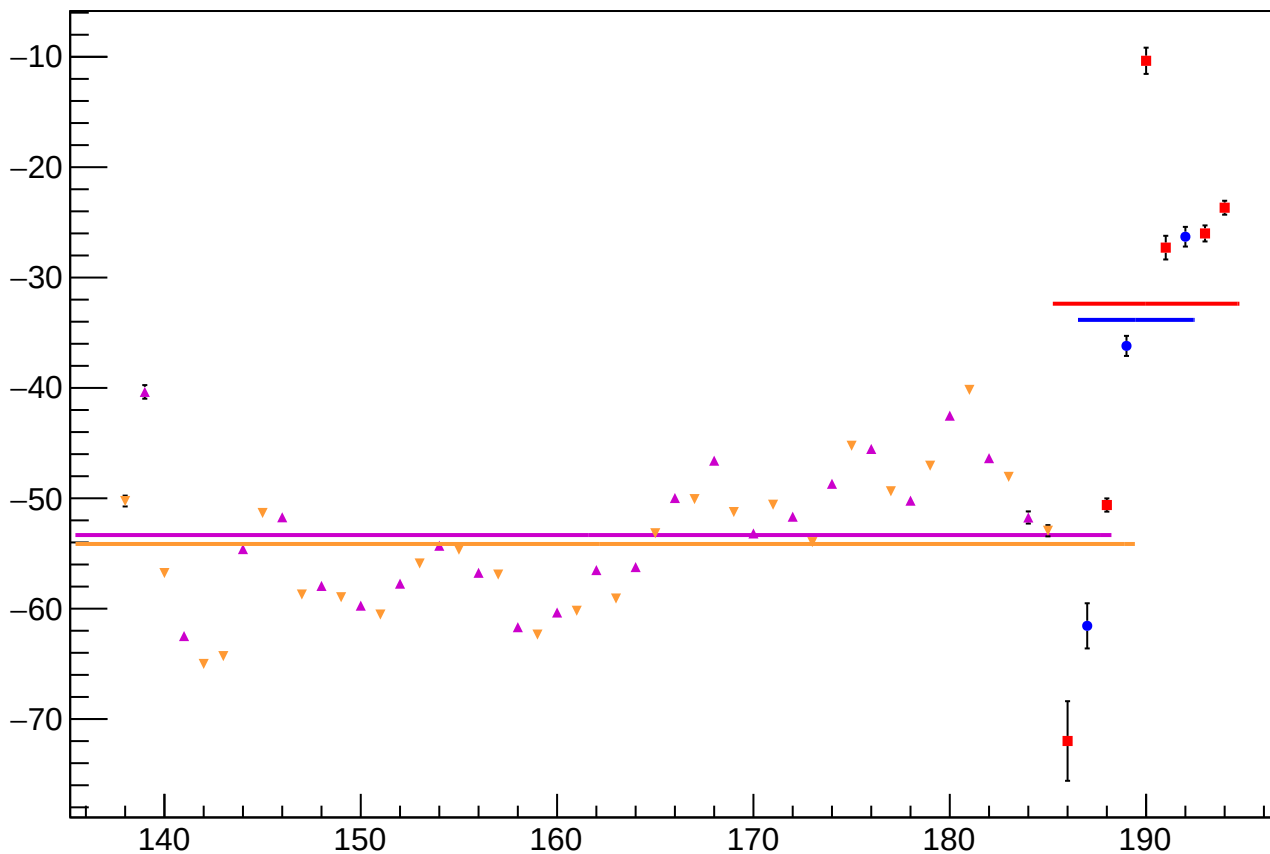
Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

+ sign 5.025 $\pm$ 0.074 χ^2 /NDF: 14506.3/27

All: 5.663 $\pm$ 0.051 χ^2 /NDF: 28914.4/56

- sign 6.241 $\pm$ 0.070 χ^2 /NDF: 14265.8/28

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -33.835 $\pm$ 0.608 χ^2 /NDF: 261.6/2

Left Out: -54.139 $\pm$ 0.067 χ^2 /NDF: 8301.1/24

Right Out: -32.370 $\pm$ 0.336 χ^2 /NDF: 1680.2/5

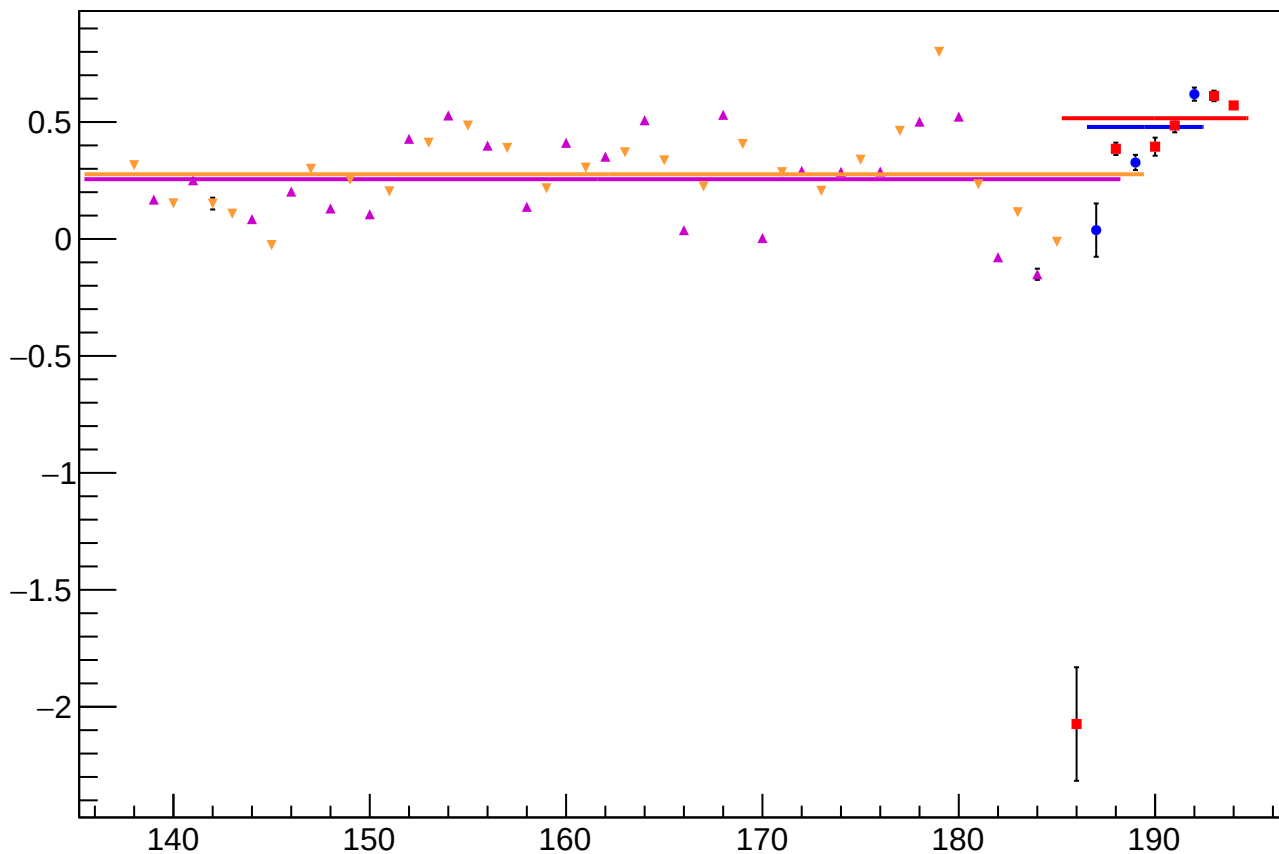
Left In: -53.330 $\pm$ 0.068 χ^2 /NDF: 6940.2/22

+ sign -53.898 $\pm$ 0.066 χ^2 /NDF: 9664.9/27

All: -53.207 $\pm$ 0.047 χ^2 /NDF: 22238.1/56

- sign -52.501 $\pm$ 0.067 χ^2 /NDF: 12352.6/28

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.479 ± 0.021 χ^2/NDF : 61.6/2

Left Out: 0.277 ± 0.003 χ^2/NDF : 2606.0/24

Right Out: 0.516 ± 0.011 χ^2/NDF : 176.2/5

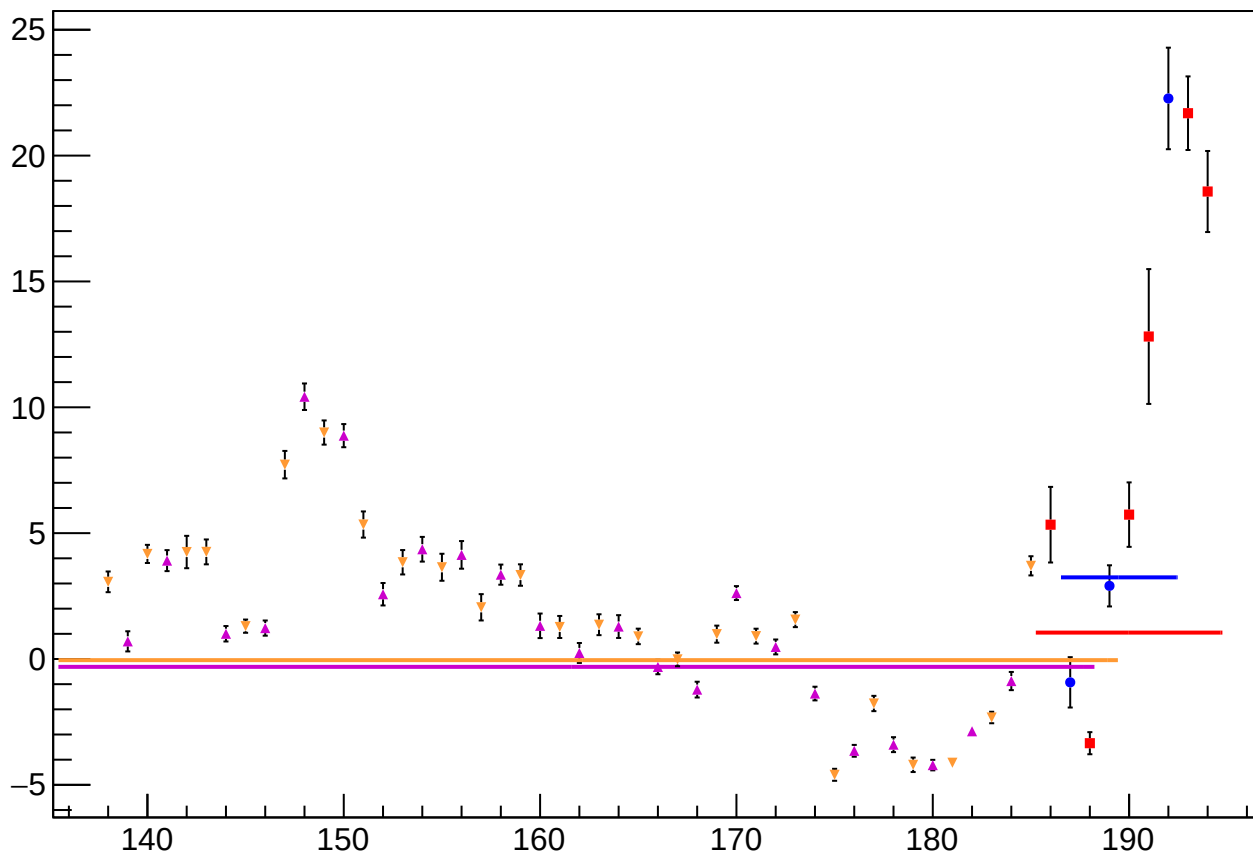
Left In: 0.256 ± 0.003 χ^2/NDF : 3644.0/22

+ sign 0.281 ± 0.003 χ^2/NDF : 2758.9/27

All: 0.278 ± 0.002 χ^2/NDF : 7099.6/56

- sign 0.275 ± 0.003 χ^2/NDF : 4338.4/28

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 3.243 $\pm$ 0.604 χ^2 /NDF: 106.5/2

Left Out: -0.046 $\pm$ 0.066 χ^2 /NDF: 2628.9/24

Right Out: 1.049 $\pm$ 0.372 χ^2 /NDF: 458.7/5

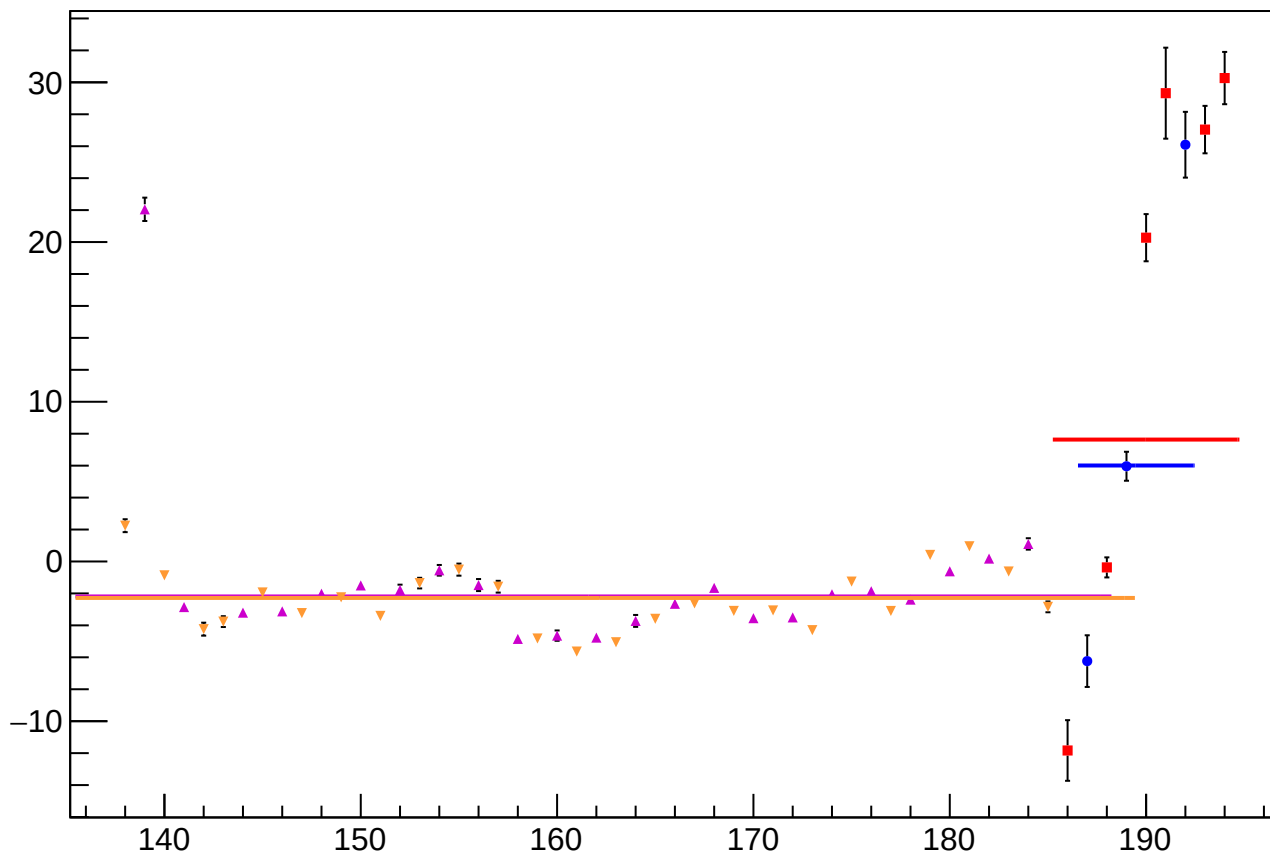
Left In: -0.312 $\pm$ 0.067 χ^2 /NDF: 2252.6/22

+ sign -0.007 $\pm$ 0.066 χ^2 /NDF: 2764.7/27

All: -0.137 $\pm$ 0.047 χ^2 /NDF: 5497.0/56

- sign -0.269 $\pm$ 0.066 χ^2 /NDF: 2724.3/28

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 6.009 ± 0.738 $\chi^2/\text{NDF}: 152.4/2$

Left Out: -2.283 ± 0.054 $\chi^2/\text{NDF}: 1132.1/24$

Right Out: 7.633 ± 0.487 $\chi^2/\text{NDF}: 760.8/5$

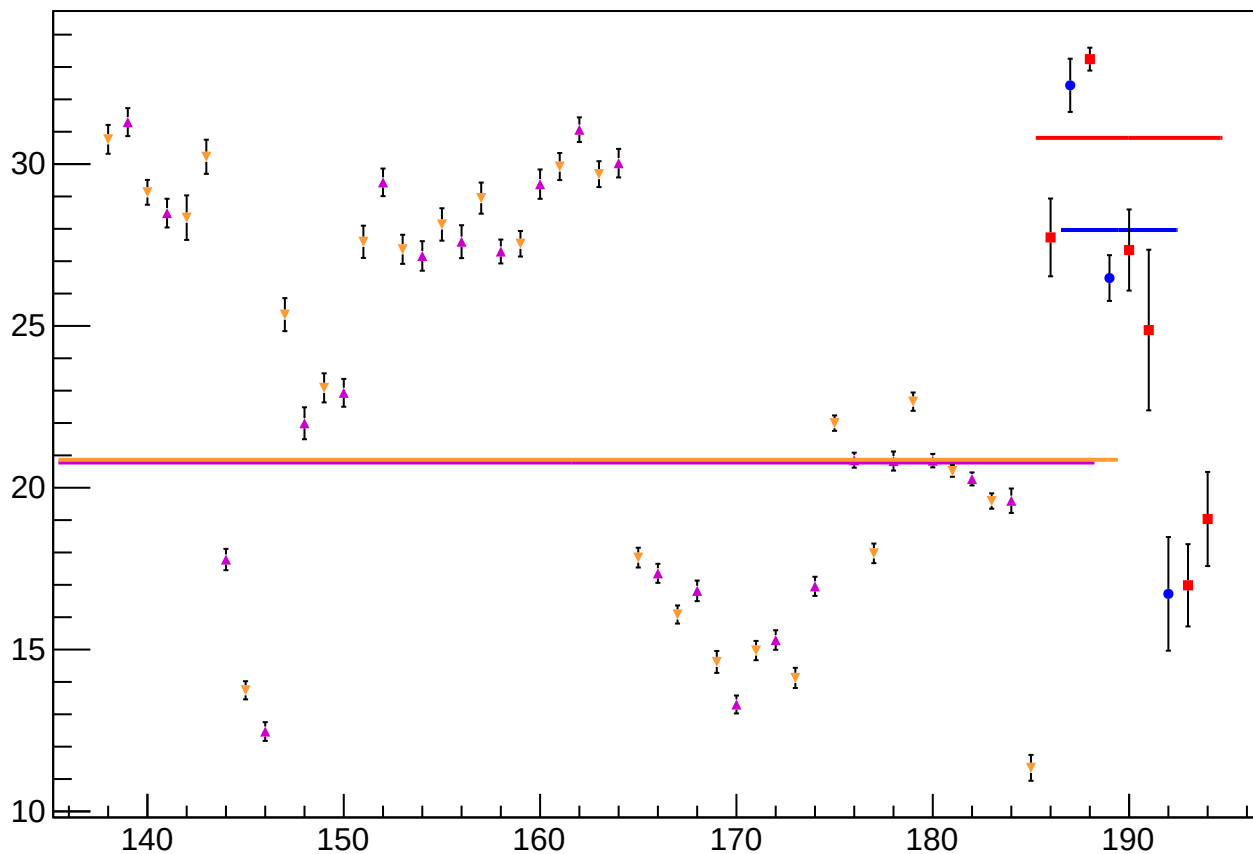
Left In: -2.190 ± 0.055 $\chi^2/\text{NDF}: 1785.1/22$

+ sign -2.239 ± 0.054 $\chi^2/\text{NDF}: 1410.0/27$

All: -2.153 ± 0.038 $\chi^2/\text{NDF}: 4363.1/56$

- sign -2.066 ± 0.055 $\chi^2/\text{NDF}: 2948.1/28$

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 27.964 $\pm$ 0.513 χ^2 /NDF: 75.0/2

Left Out: 20.865 $\pm$ 0.067 χ^2 /NDF:6608.4/24

Right Out: 30.810 $\pm$ 0.308 χ^2 /NDF: 251.0/5

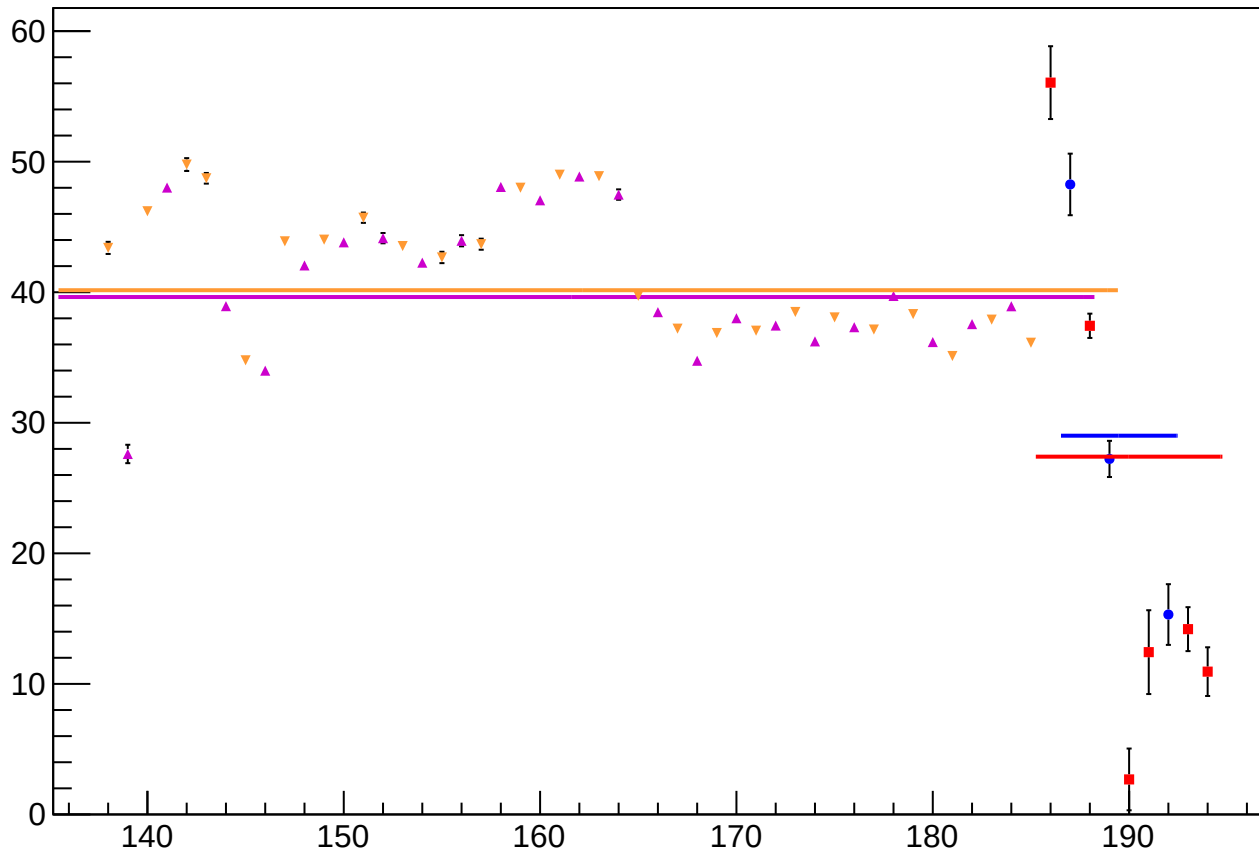
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF:5988.0/22

+ sign 20.983 $\pm$ 0.066 χ^2 /NDF: 6871.8/27

All: 21.111 $\pm$ 0.047 χ^2 /NDF: 14132.7/56

- sign 21.237 $\pm$ 0.066 χ^2 /NDF: 7253.5/28

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 29.011 $\pm$ 1.063 χ^2 /NDF: 103.0/2

Left Out: 40.154 $\pm$ 0.060 χ^2 /NDF: 5861.6/24

Right Out: 27.406 $\pm$ 0.674 χ^2 /NDF: 492.3/5

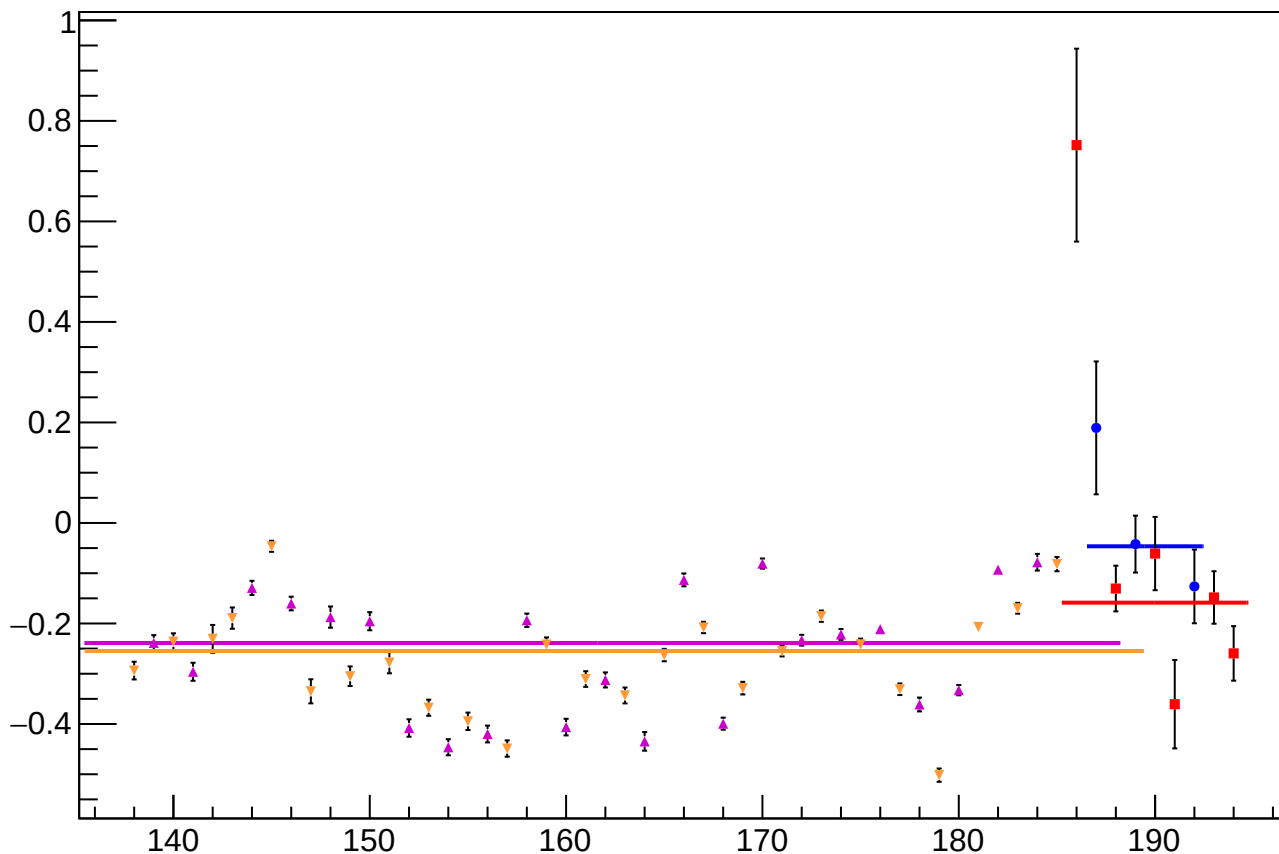
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.118 $\pm$ 0.060 χ^2 /NDF: 6074.2/27

All: 39.828 $\pm$ 0.043 χ^2 /NDF: 12282.7/56

- sign 39.532 $\pm$ 0.061 χ^2 /NDF: 6161.9/28

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.046 ± 0.042 χ^2/NDF : 4.4/2

Left Out: -0.255 ± 0.003 χ^2/NDF : 1417.7/24

Right Out: -0.159 ± 0.026 χ^2/NDF : 33.5/5

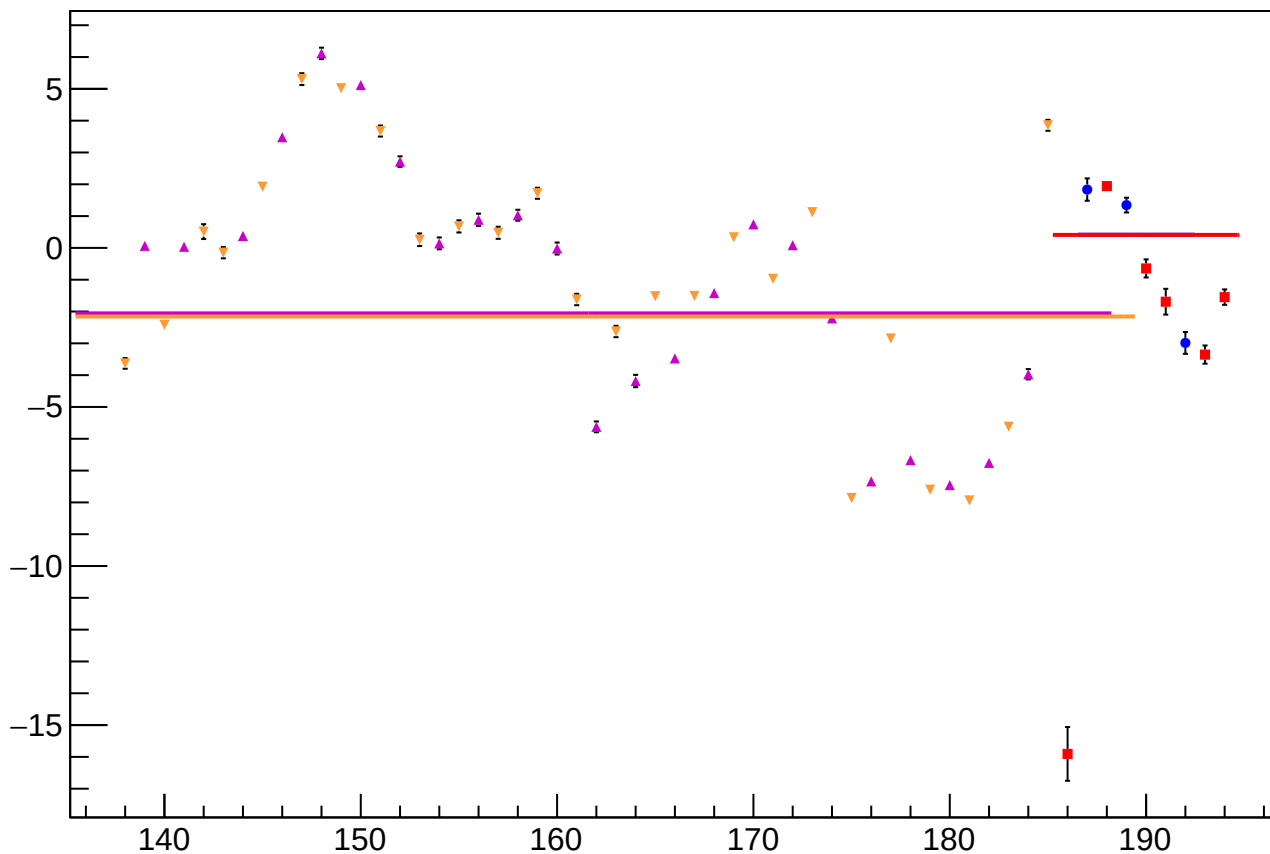
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.254 ± 0.003 χ^2/NDF : 1446.0/27

All: -0.246 ± 0.002 χ^2/NDF : 3256.3/56

- sign -0.238 ± 0.003 χ^2/NDF : 1793.2/28

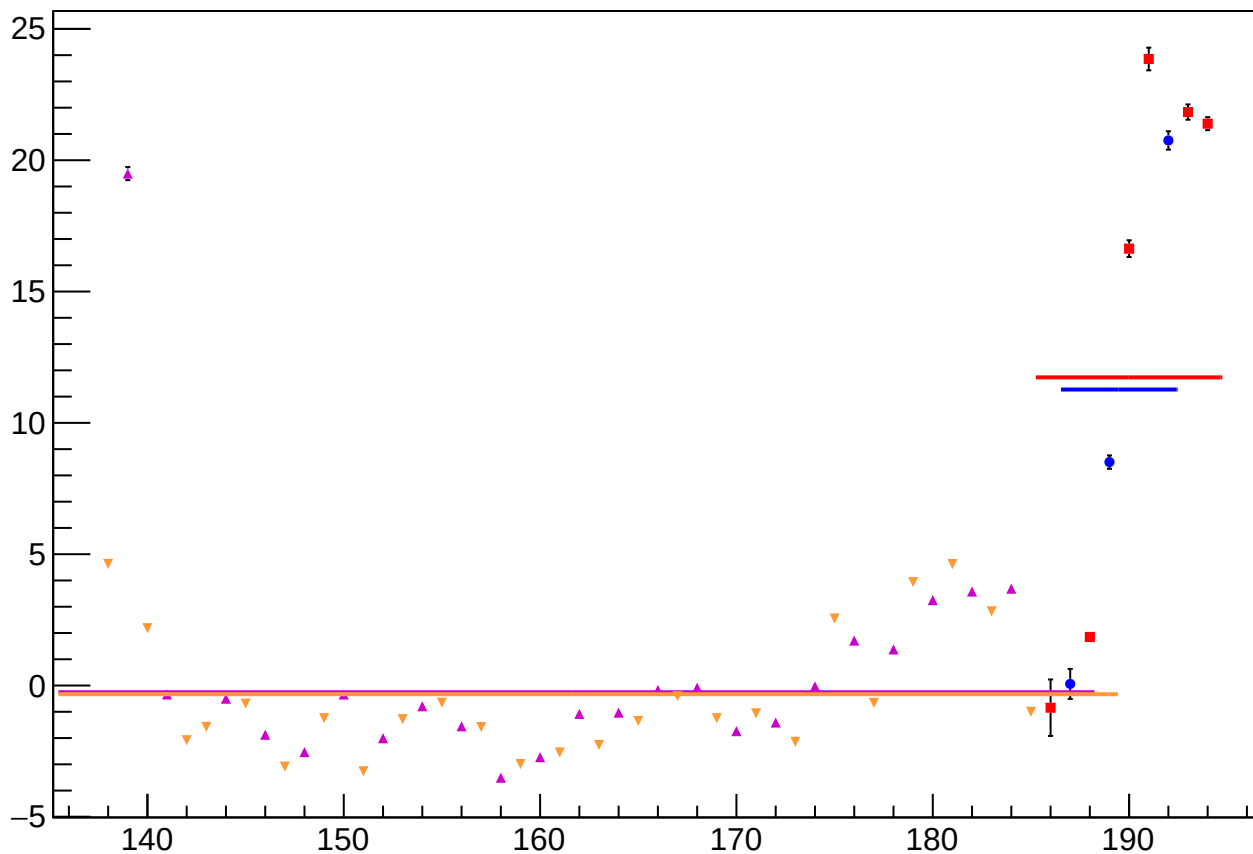
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



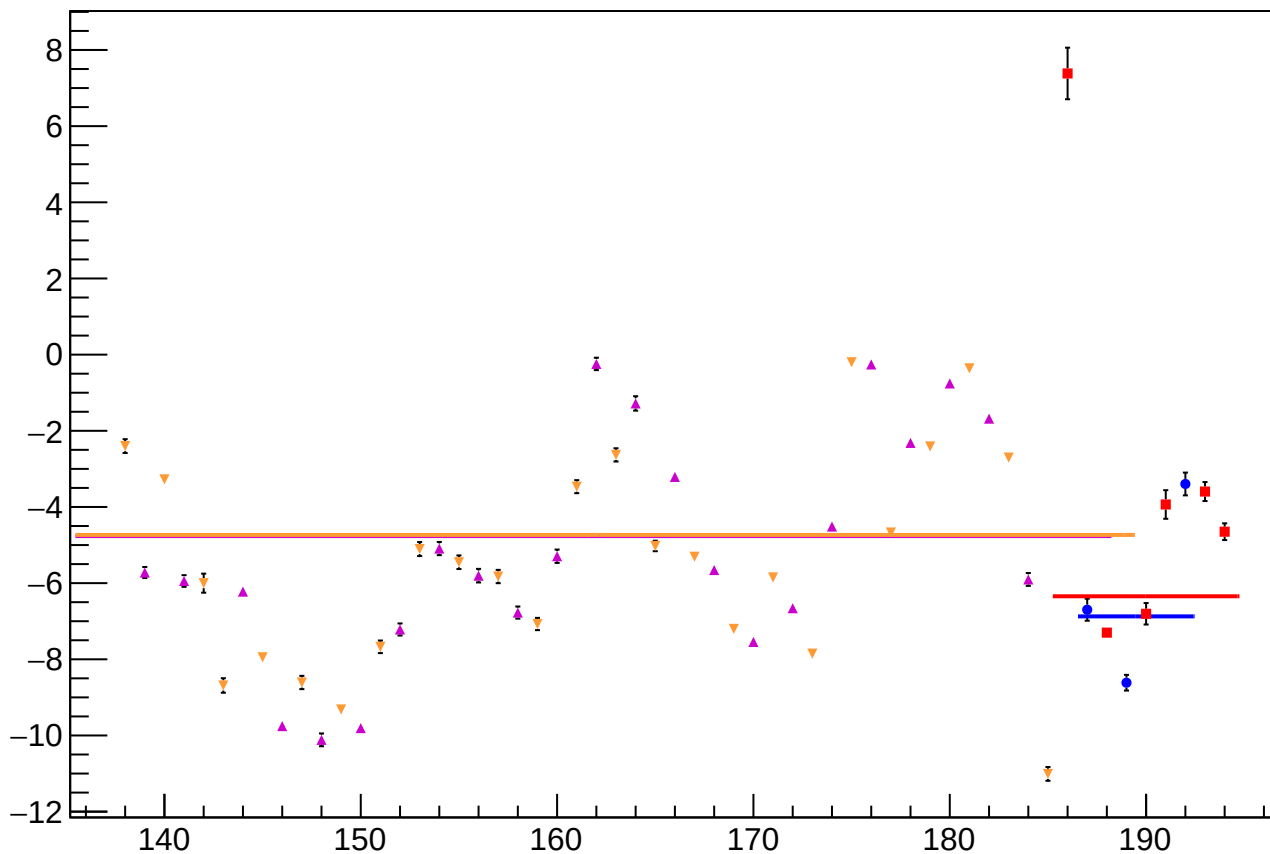
Right In: 0.414 ± 0.169 $\chi^2/\text{NDF}: 130.2/2$
 Left Out: -2.156 ± 0.026 $\chi^2/\text{NDF}: 24501.3/24$
 Right Out: 0.409 ± 0.087 $\chi^2/\text{NDF}: 846.1/5$
 Left In: -2.058 ± 0.026 $\chi^2/\text{NDF}: 23343.8/22$

+ sign -2.098 ± 0.025 $\chi^2/\text{NDF}: 24858.3/27$
 All: -1.975 ± 0.018 $\chi^2/\text{NDF}: 49832.3/56$
 - sign -1.857 ± 0.025 $\chi^2/\text{NDF}: 24927.9/28$

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -6.873 $\pm$ 0.146 χ^2 /NDF: 206.7/2

Left Out: -4.734 $\pm$ 0.026 χ^2 /NDF:13188.7/24

Right Out: -6.345 $\pm$ 0.073 χ^2 /NDF: 751.7/5

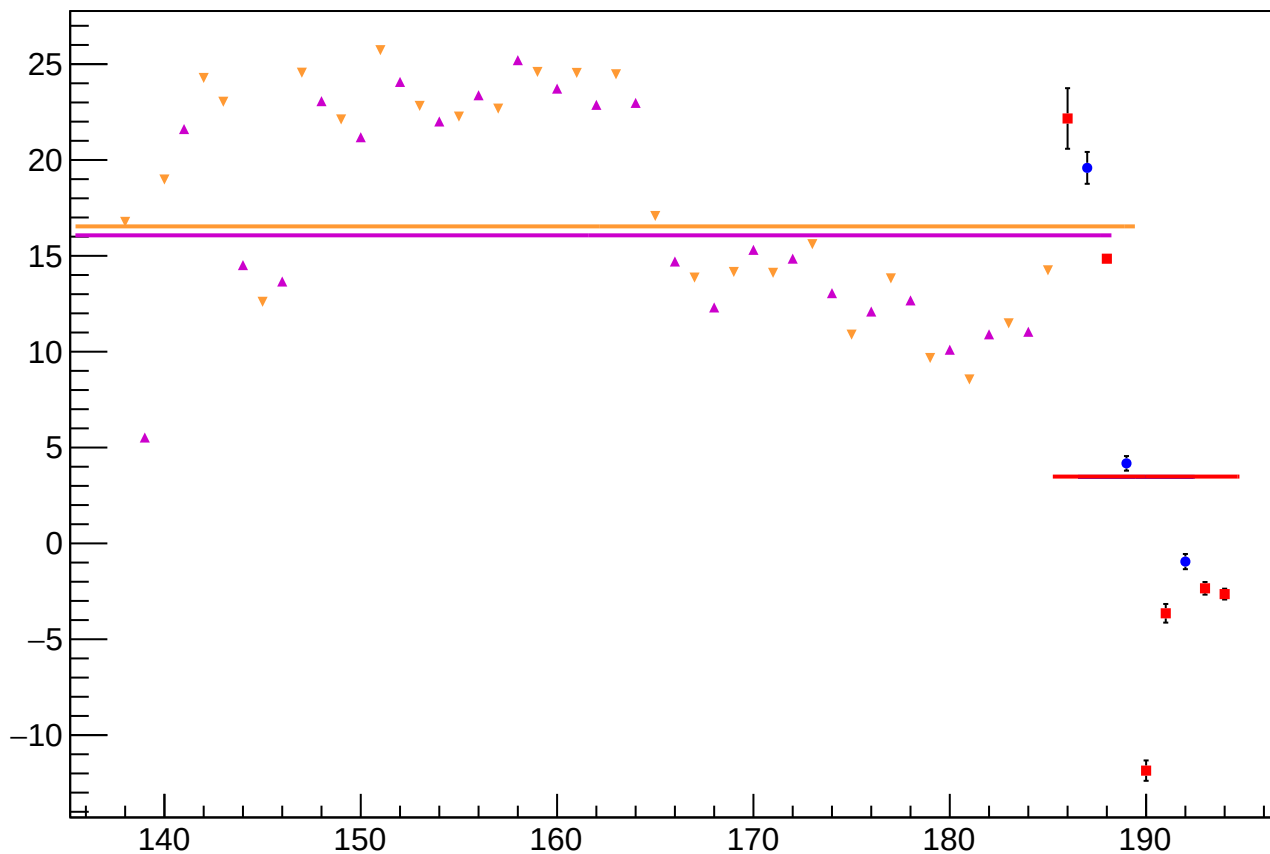
Left In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22

+ sign -4.799 $\pm$ 0.025 χ^2 /NDF: 13602.2/27

All: -4.872 $\pm$ 0.018 χ^2 /NDF: 28944.5/56

- sign -4.940 $\pm$ 0.025 χ^2 /NDF: 15326.3/28

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 3.471 ± 0.261 $\chi^2/\text{NDF}: 504.0/2$

Left Out: 16.536 ± 0.023 $\chi^2/\text{NDF}: 53546.9/24$

Right Out: 3.485 ± 0.144 $\chi^2/\text{NDF}: 4333.1/5$

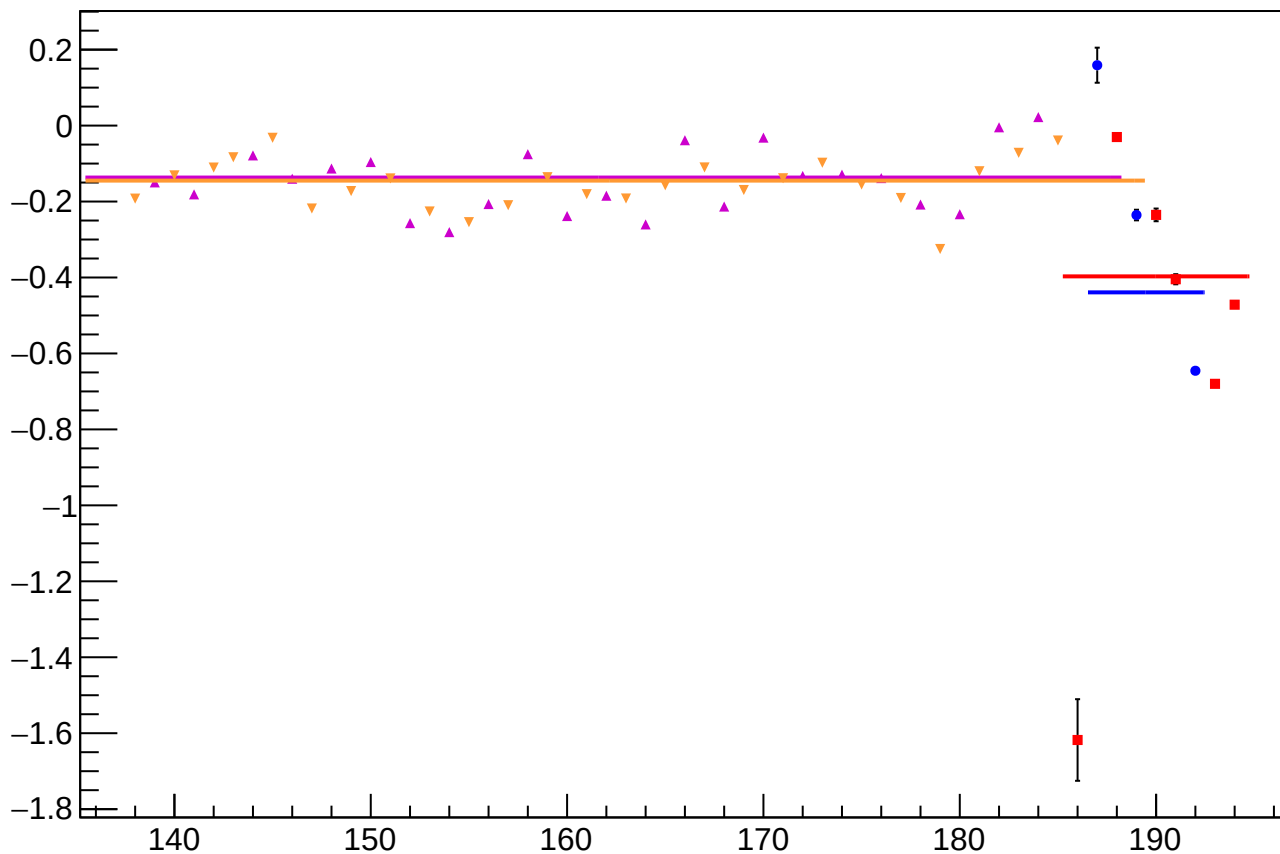
Left In: 16.069 ± 0.023 $\chi^2/\text{NDF}: 42736.3/22$

+ sign 16.434 ± 0.023 $\chi^2/\text{NDF}: 56542.4/27$

All: 16.090 ± 0.016 $\chi^2/\text{NDF}: 111493.4/56$

- sign 15.744 ± 0.023 $\chi^2/\text{NDF}: 54506.0/28$

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.439 ± 0.009 χ^2/NDF : 652.8/2

Left Out: -0.145 ± 0.001 χ^2/NDF : 3755.1/24

Right Out: -0.397 ± 0.005 χ^2/NDF : 2311.5/5

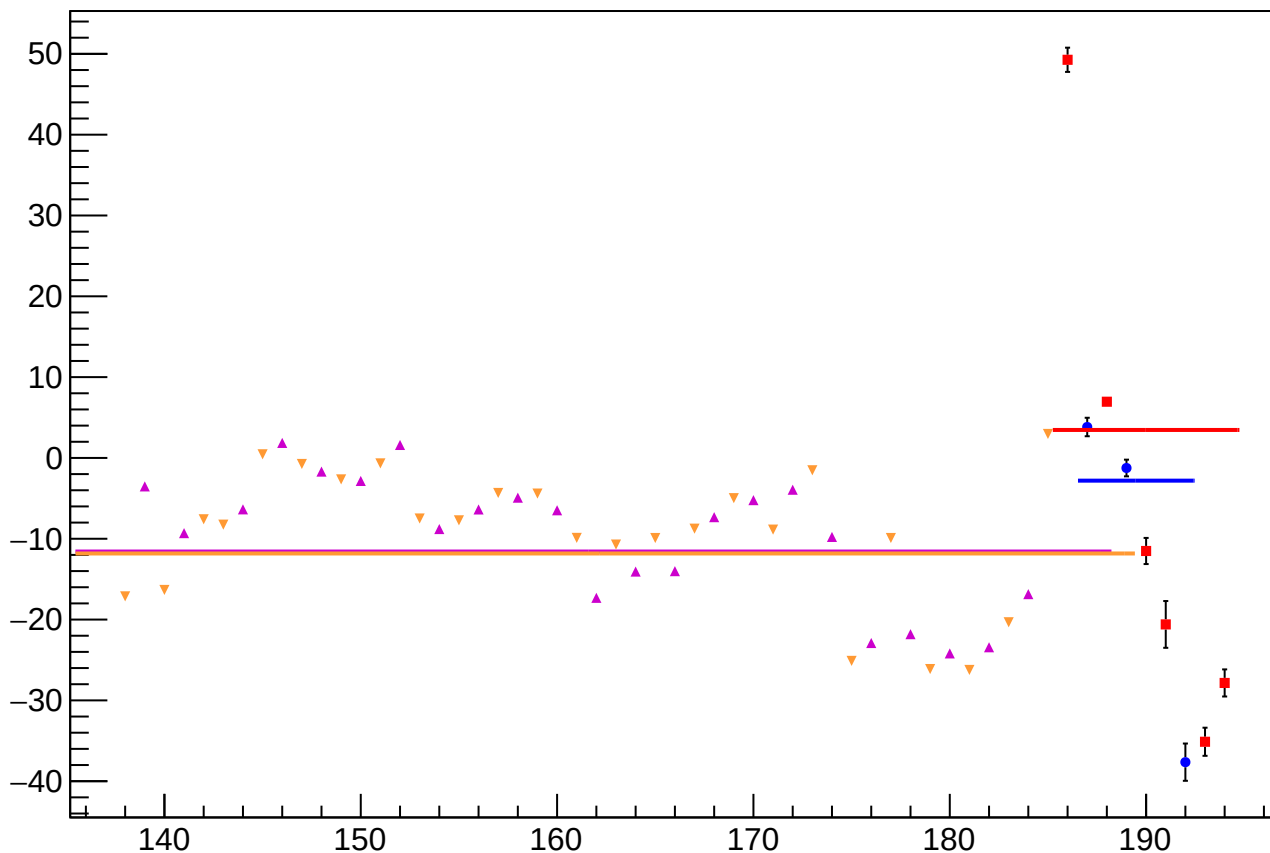
Left In: -0.137 ± 0.001 χ^2/NDF : 5383.4/22

+ sign -0.149 ± 0.001 χ^2/NDF : 5432.6/27

All: -0.149 ± 0.001 χ^2/NDF : 15899.6/56

- sign -0.149 ± 0.001 χ^2/NDF : 10466.9/28

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -2.810 ± 0.727 $\chi^2/\text{NDF}: 264.2/2$

Left Out: -11.823 ± 0.070 $\chi^2/\text{NDF}: 17277.3/24$

Right Out: 3.463 ± 0.443 $\chi^2/\text{NDF}: 1970.5/5$

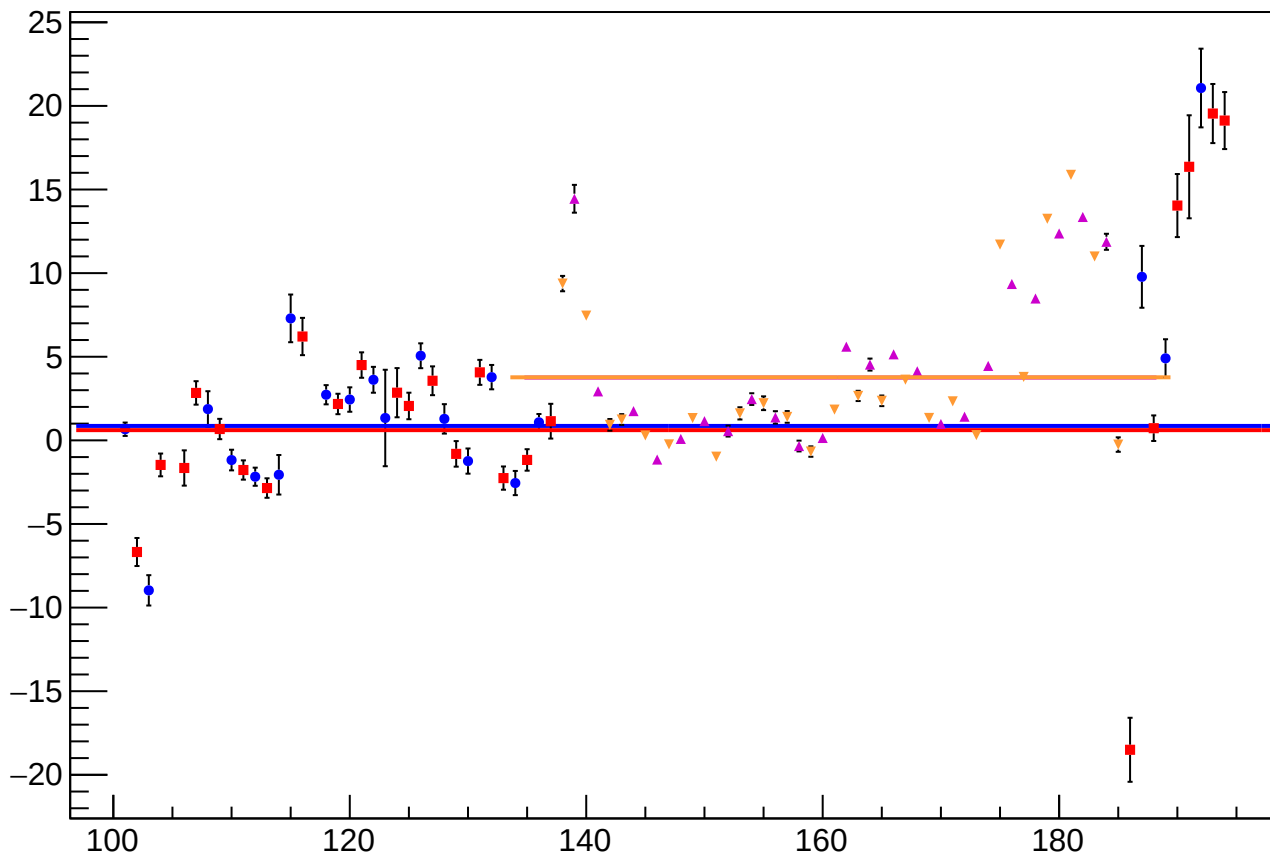
Left In: -11.580 ± 0.071 $\chi^2/\text{NDF}: 14243.6/22$

+ sign -11.739 ± 0.070 $\chi^2/\text{NDF}: 17693.6/27$

All: -11.471 ± 0.050 $\chi^2/\text{NDF}: 35062.5/56$

- sign -11.201 ± 0.070 $\chi^2/\text{NDF}: 17339.5/28$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.863 ± 0.166 χ^2/NDF : 403.2/19

Left Out: 3.770 ± 0.056 χ^2/NDF : 7420.4/24

Right Out: 0.611 ± 0.167 χ^2/NDF : 686.5/23

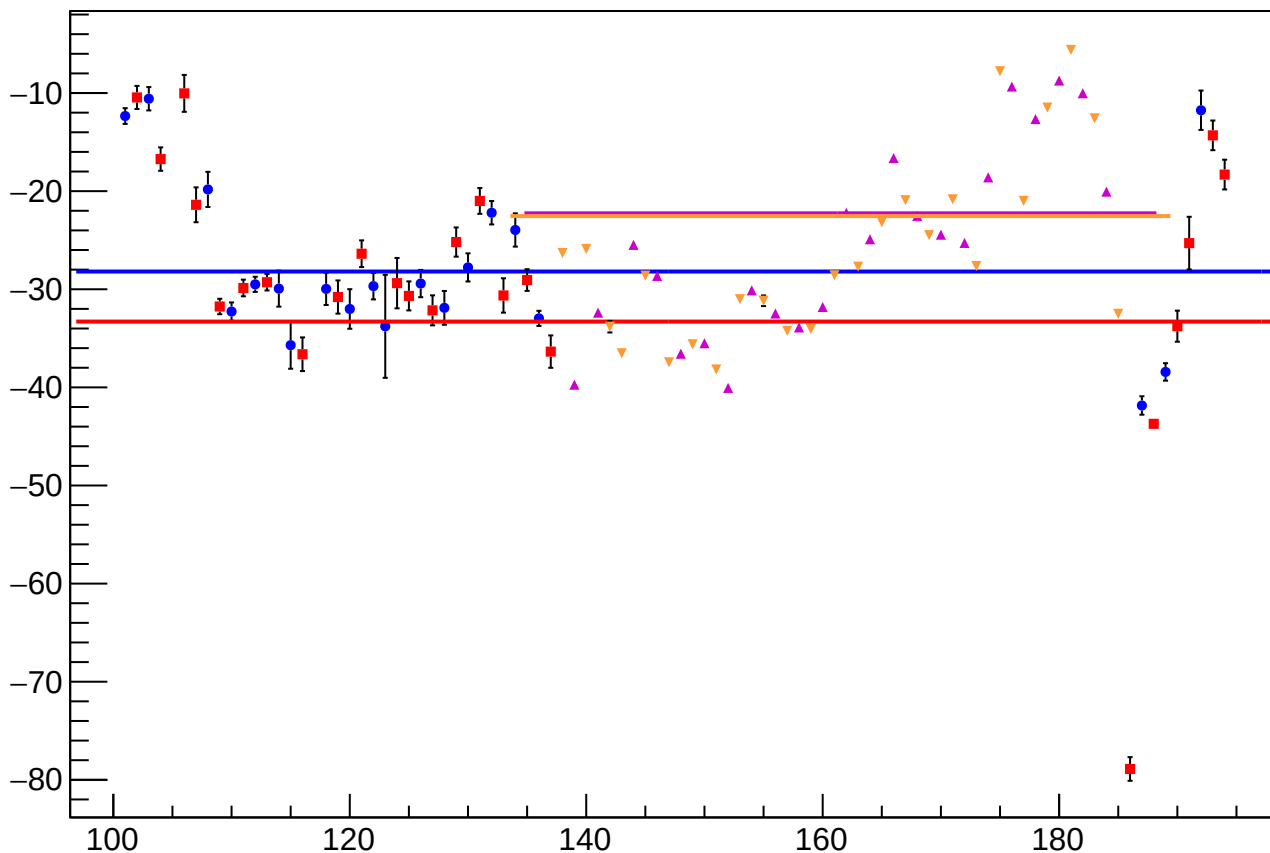
Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

+ sign 3.477 ± 0.053 χ^2/NDF : 8099.1/44

All: 3.456 ± 0.038 χ^2/NDF : 14758.4/91

- sign 3.434 ± 0.053 χ^2/NDF : 6659.0/46

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -28.192 ± 0.269 $\chi^2/\text{NDF}: 1156.2/19$

Left Out: -22.540 ± 0.071 $\chi^2/\text{NDF}: 19751.6/24$

Right Out: -33.293 ± 0.231 $\chi^2/\text{NDF}: 3259.8/23$

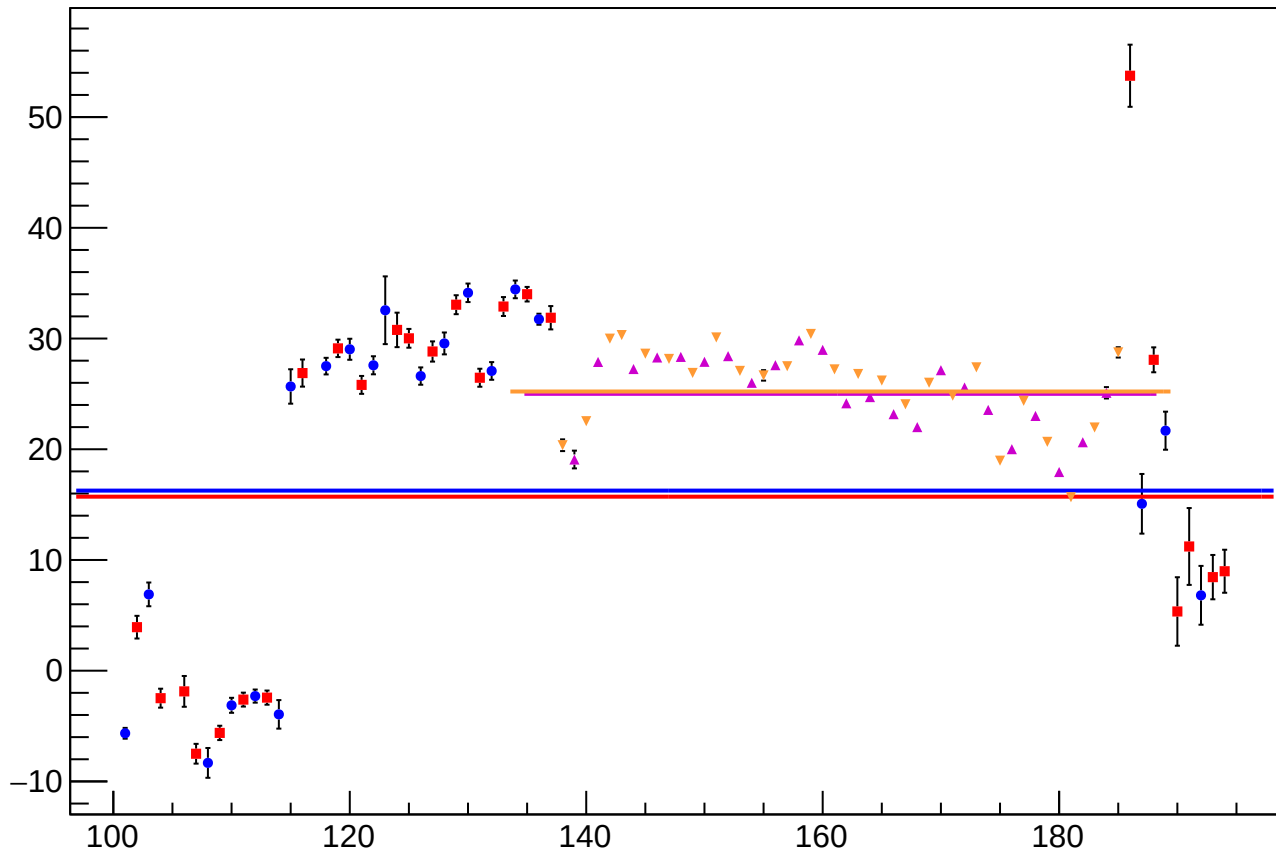
Left In: -22.258 ± 0.071 $\chi^2/\text{NDF}: 17838.4/22$

+ sign -22.905 ± 0.068 $\chi^2/\text{NDF}: 21319.8/44$

All: -23.060 ± 0.048 $\chi^2/\text{NDF}: 44504.1/91$

- sign -23.214 ± 0.068 $\chi^2/\text{NDF}: 23174.1/46$

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.265 $\pm$ 0.189 χ^2 /NDF: 7634.1/19

Left Out: 25.216 $\pm$ 0.063 χ^2 /NDF: 3738.3/24

Right Out: 15.718 $\pm$ 0.191 χ^2 /NDF: 7613.7/23

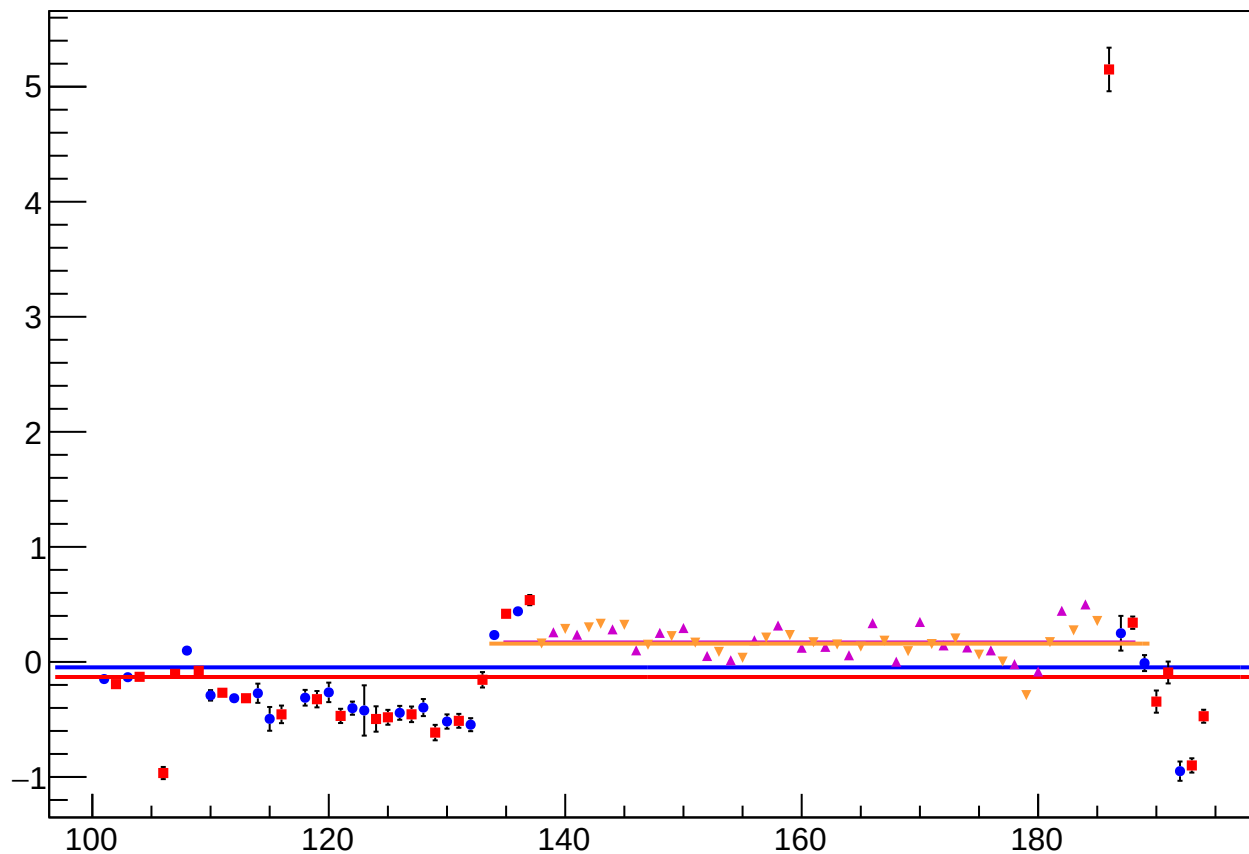
Left In: 25.005 $\pm$ 0.064 χ^2 /NDF: 2733.7/22

+ sign 24.327 $\pm$ 0.060 χ^2 /NDF: 13394.4/44

All: 24.205 $\pm$ 0.042 χ^2 /NDF: 25873.6/91

- sign 24.080 $\pm$ 0.060 χ^2 /NDF: 12470.7/46

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.047 $\pm$ 0.010 χ^2/NDF : 1135.8/19

Left Out: 0.159 $\pm$ 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.131 $\pm$ 0.010 χ^2/NDF : 2212.4/23

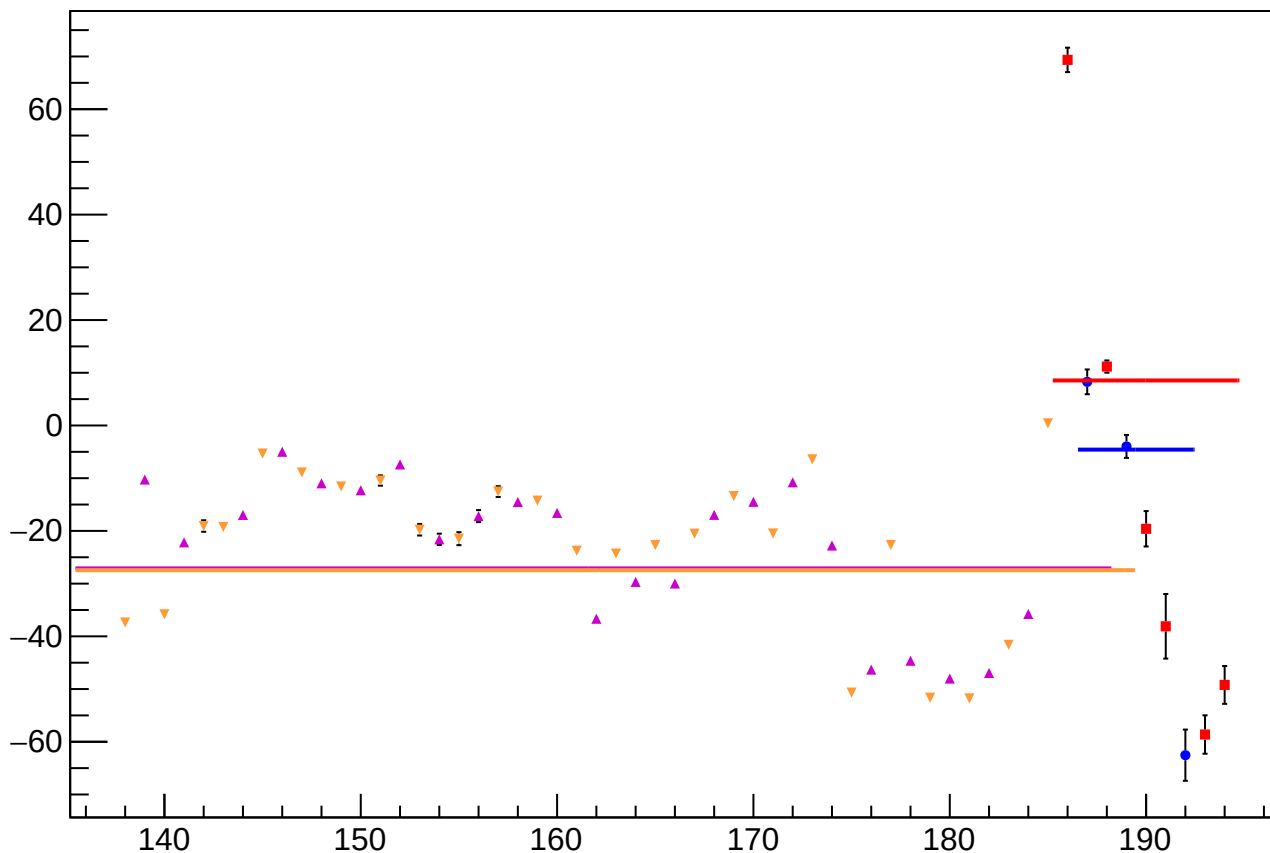
Left In: 0.169 $\pm$ 0.003 χ^2/NDF : 2430.7/22

+ sign 0.144 $\pm$ 0.003 χ^2/NDF : 3377.7/44

All: 0.144 $\pm$ 0.002 χ^2/NDF : 8885.5/91

- sign 0.145 $\pm$ 0.003 χ^2/NDF : 5507.7/46

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -4.579 ± 1.518 $\chi^2/\text{NDF}: 172.3/2$

Left Out: -27.447 ± 0.137 $\chi^2/\text{NDF}: 14820.6/24$

Right Out: 8.541 ± 0.914 $\chi^2/\text{NDF}: 1420.5/5$

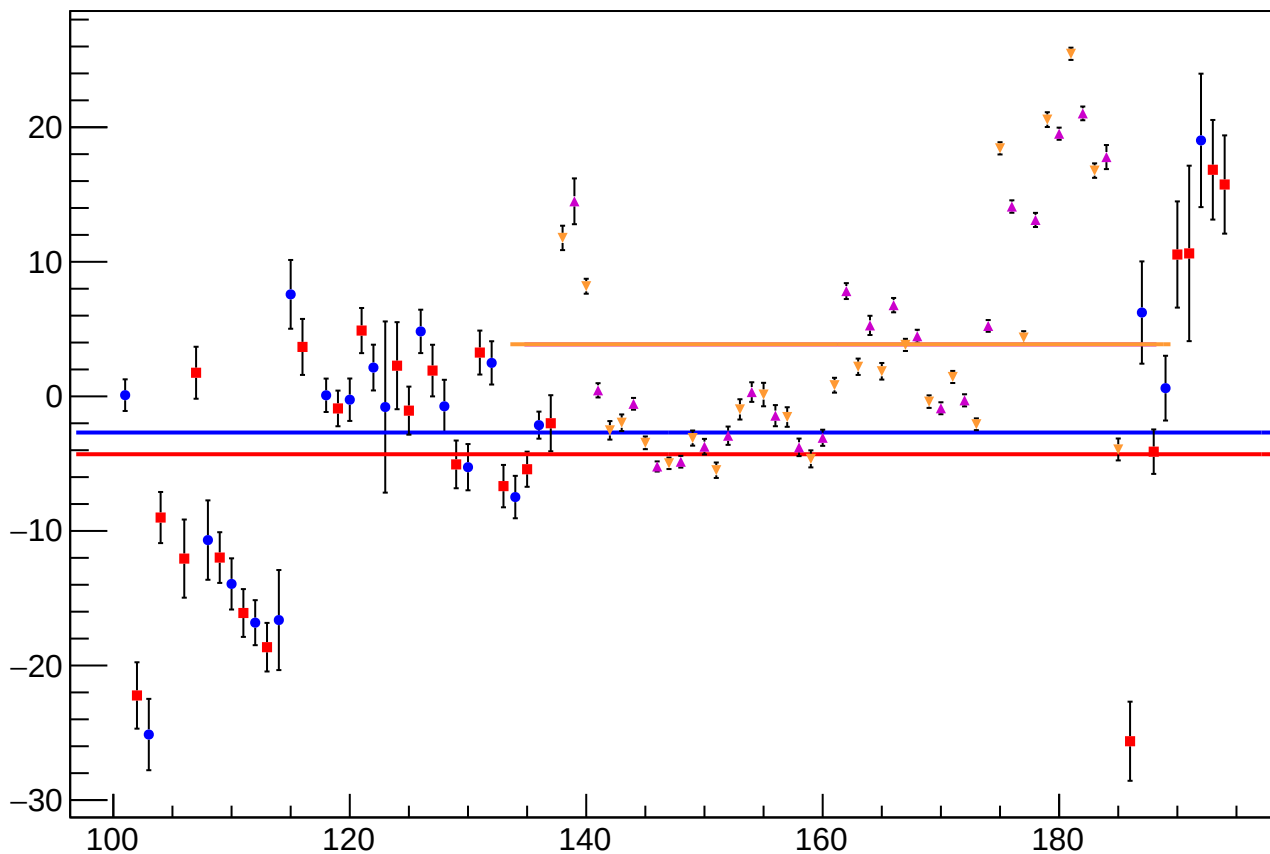
Left In: -27.114 ± 0.139 $\chi^2/\text{NDF}: 11443.8/22$

+ sign -27.262 ± 0.136 $\chi^2/\text{NDF}: 15218.2/27$

All: -26.789 ± 0.097 $\chi^2/\text{NDF}: 29593.1/56$

- sign -26.312 ± 0.137 $\chi^2/\text{NDF}: 14350.9/28$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -2.686 ± 0.398 χ^2/NDF : 308.0/19

Left Out: 3.873 ± 0.109 χ^2/NDF : 6906.0/24

Right Out: -4.300 ± 0.402 χ^2/NDF : 429.5/23

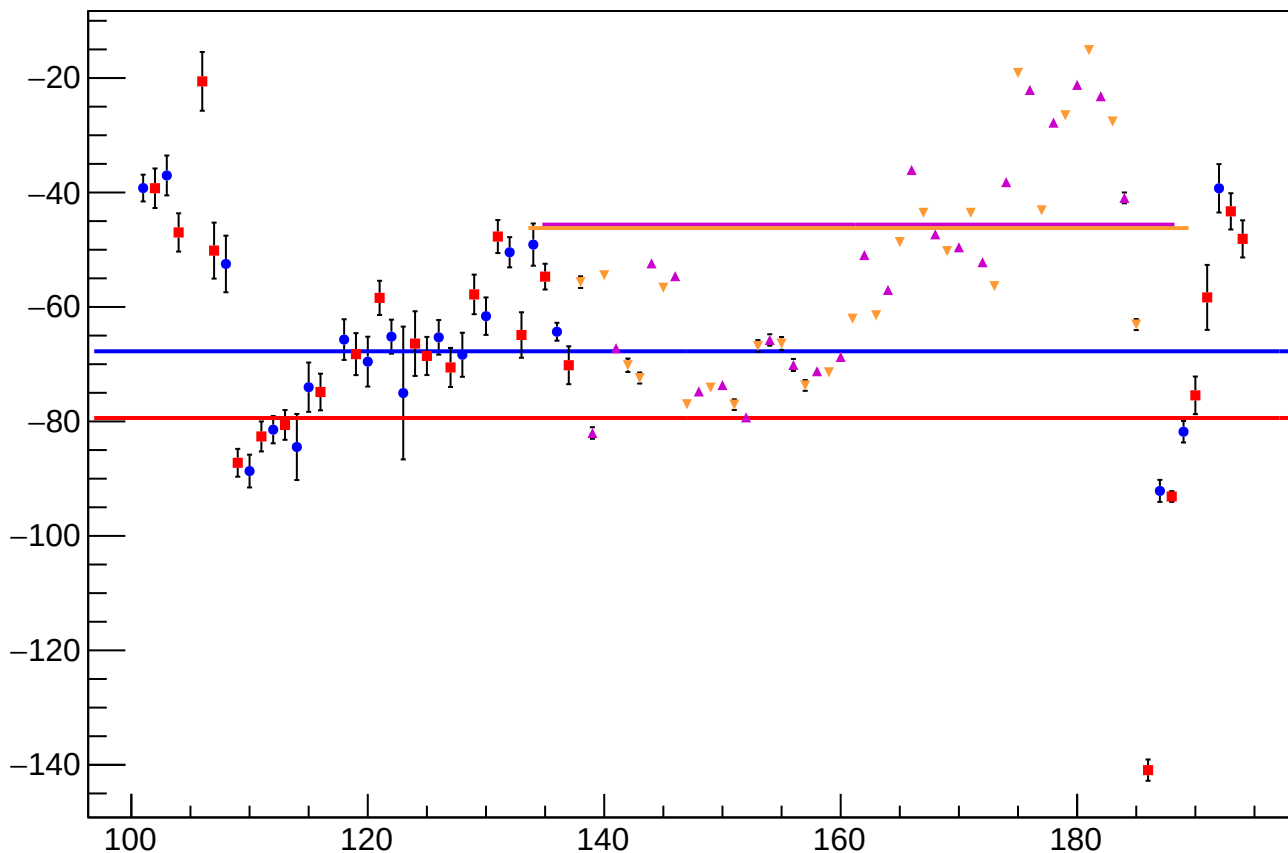
Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

+ sign 3.412 ± 0.106 χ^2/NDF : 7466.2/44

All: 3.348 ± 0.075 χ^2/NDF : 13718.7/91

- sign 3.283 ± 0.107 χ^2/NDF : 6251.7/46

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -67.744 $\pm$ 0.640 χ^2 /NDF: 672.7/19

Left Out: -46.213 $\pm$ 0.138 χ^2 /NDF:19981.0/24

Right Out: -79.399 $\pm$ 0.534 χ^2 /NDF: 2336.6/23

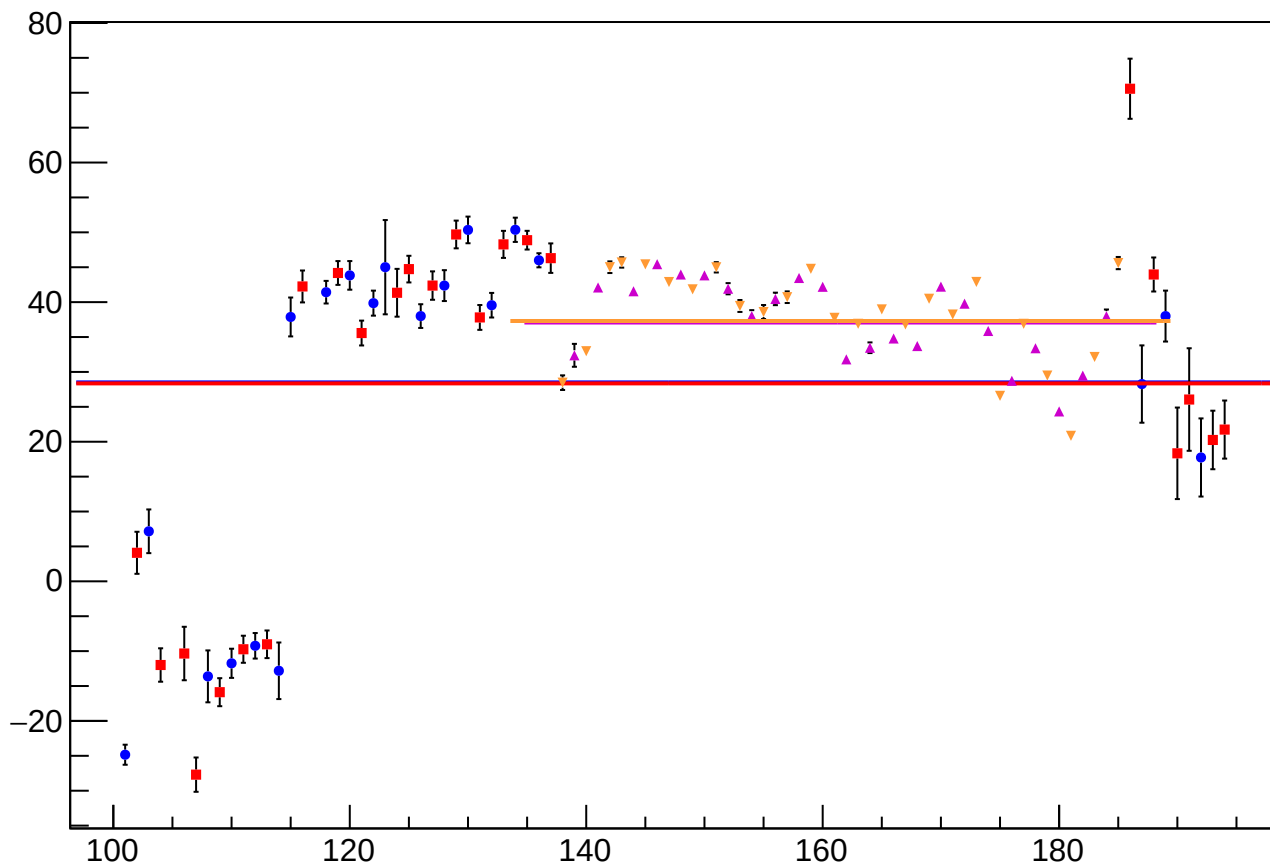
Left In: -45.616 $\pm$ 0.139 χ^2 /NDF:17743.8/22

+ sign -47.172 $\pm$ 0.135 χ^2 /NDF: 21736.0/44

All: -47.470 $\pm$ 0.095 χ^2 /NDF: 45575.7/91

- sign -47.765 $\pm$ 0.135 χ^2 /NDF: 23830.0/46

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.501 $\pm$ 0.451 χ^2 /NDF: 3340.8/19

Left Out: 37.298 $\pm$ 0.123 χ^2 /NDF:3113.0/24

Right Out: 28.358 $\pm$ 0.460 χ^2 /NDF: 3176.4/23

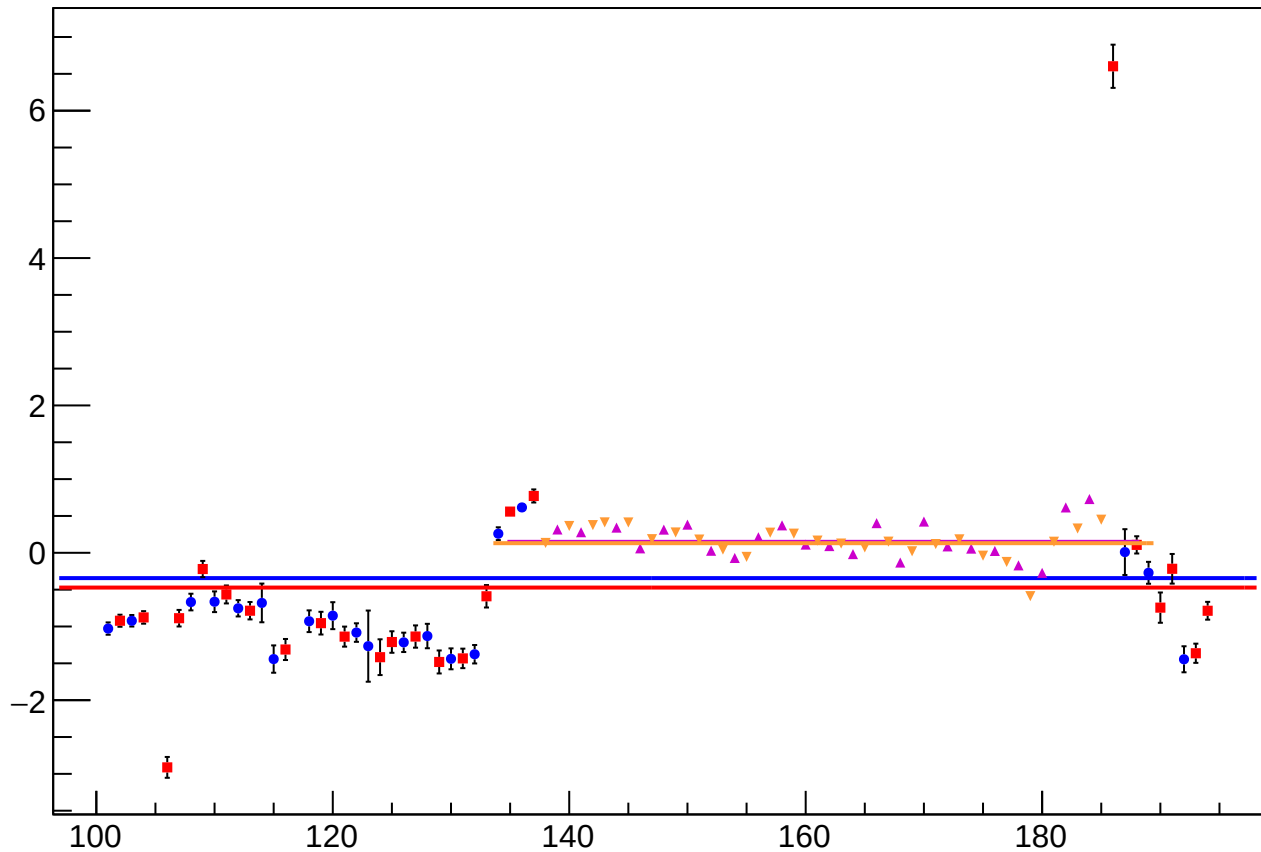
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

+ sign 36.687 $\pm$ 0.119 χ^2 /NDF: 6808.6/44

All: 36.585 $\pm$ 0.085 χ^2 /NDF: 12727.3/91

- sign 36.481 $\pm$ 0.120 χ^2 /NDF: 5917.3/46

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.343 ± 0.024 χ^2/NDF : 1053.9/19

Left Out: 0.130 ± 0.006 χ^2/NDF : 1419.7/24

Right Out: -0.472 ± 0.024 χ^2/NDF : 1828.9/23

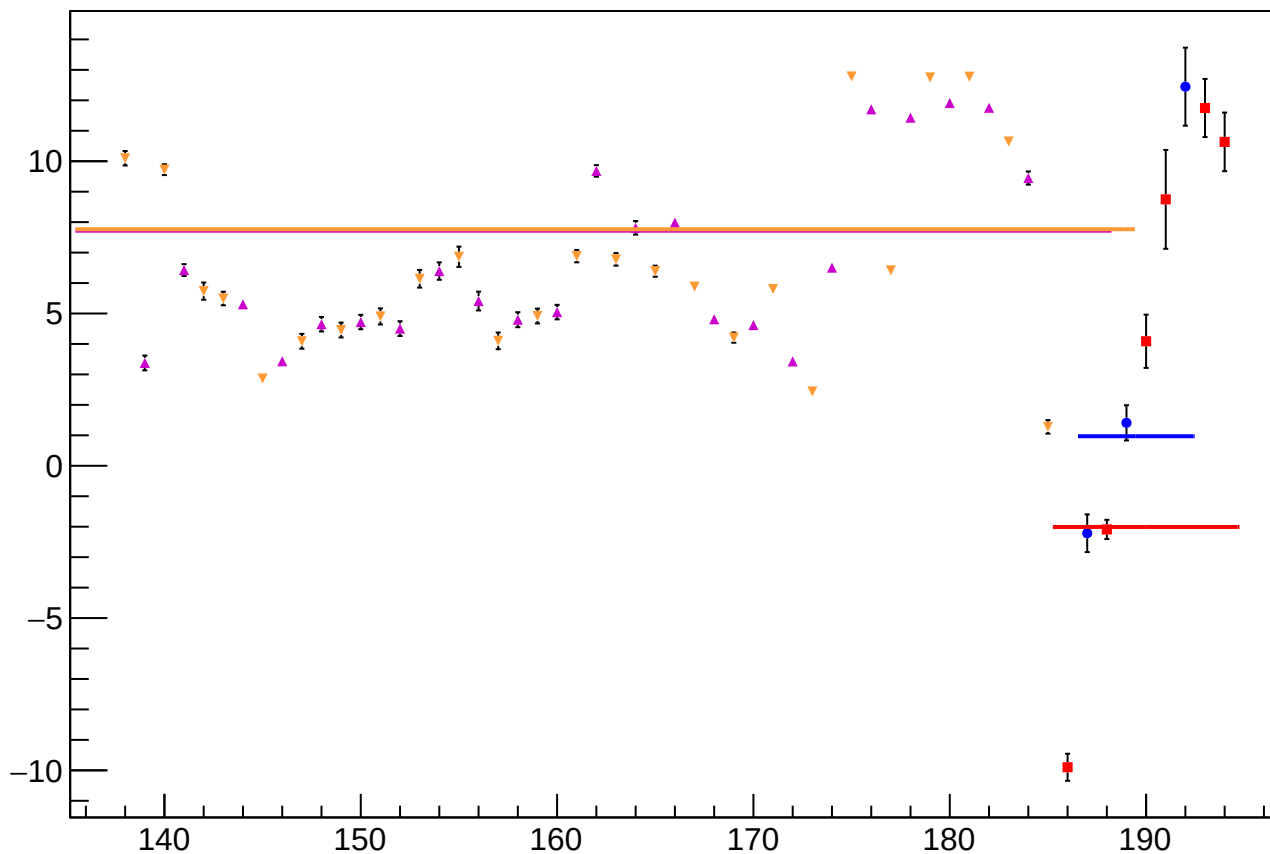
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.106 ± 0.005 χ^2/NDF : 2836.0/44

All: 0.111 ± 0.004 χ^2/NDF : 7123.0/91

- sign 0.115 ± 0.006 χ^2/NDF : 4285.7/46

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.970 ± 0.401 χ^2/NDF : 107.3/2

Left Out: 7.766 ± 0.034 χ^2/NDF : 11703.8/24

Right Out: -2.008 ± 0.229 χ^2/NDF : 788.2/5

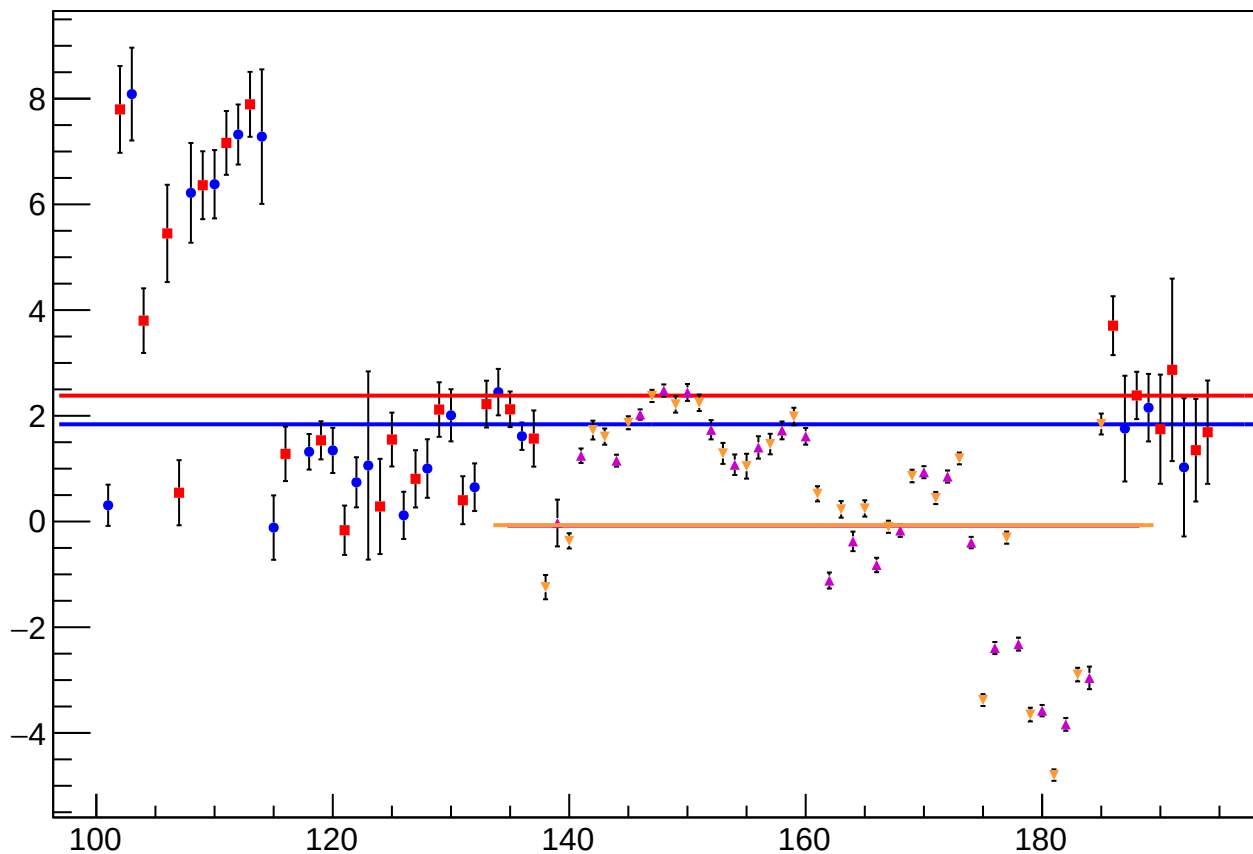
Left In: 7.719 ± 0.035 χ^2/NDF : 8490.5/22

+ sign 7.716 ± 0.034 χ^2/NDF : 12096.0/27

All: 7.608 ± 0.024 χ^2/NDF : 23155.1/56

- sign 7.499 ± 0.034 χ^2/NDF : 11039.2/28

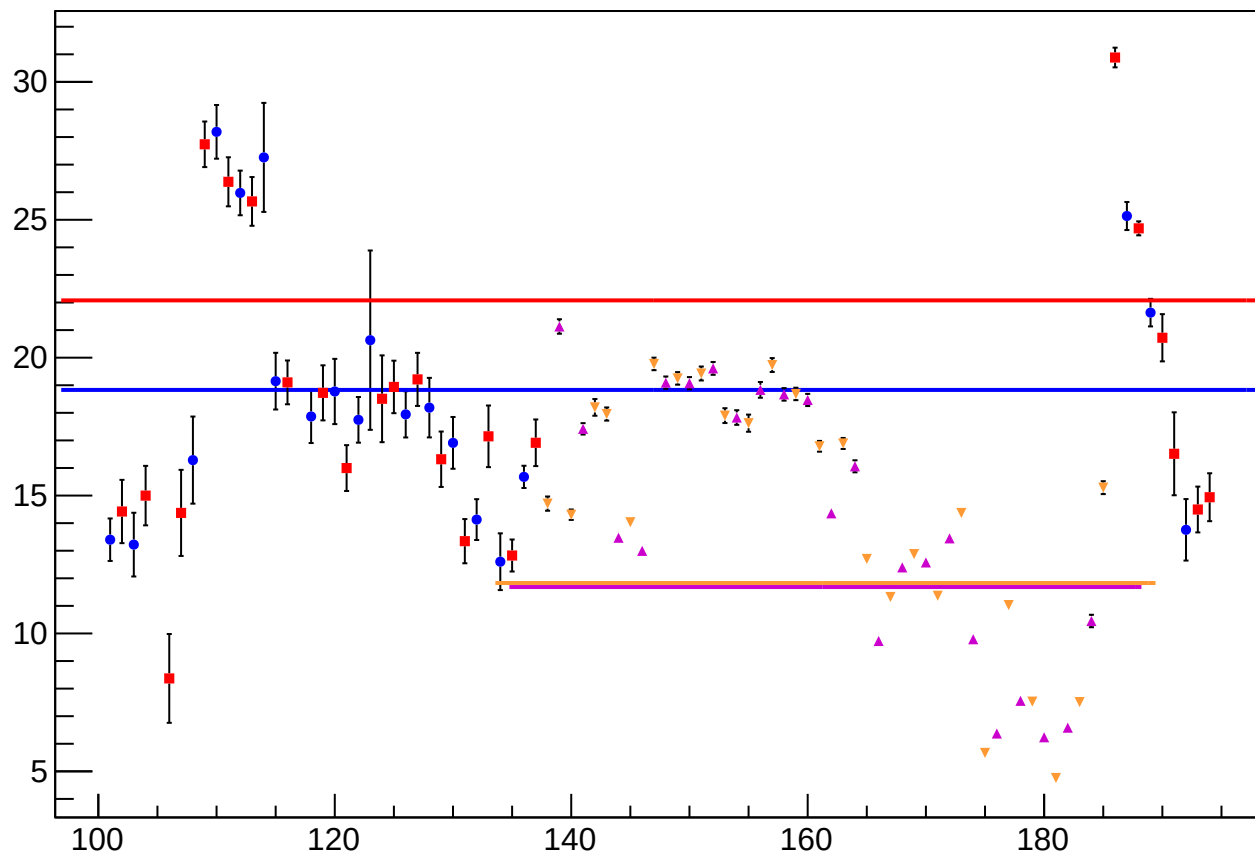
reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.839 ± 0.113 $\chi^2/\text{NDF}: 295.5/19$
 Left Out: -0.069 ± 0.028 $\chi^2/\text{NDF}: 6033.5/24$
 Right Out: 2.382 ± 0.113 $\chi^2/\text{NDF}: 337.0/23$
 Left In: -0.079 ± 0.028 $\chi^2/\text{NDF}: 4989.1/22$

+ sign 0.040 ± 0.027 $\chi^2/\text{NDF}: 6597.6/44$
 All: 0.052 ± 0.019 $\chi^2/\text{NDF}: 12368.8/91$
 - sign 0.064 ± 0.027 $\chi^2/\text{NDF}: 5770.8/46$

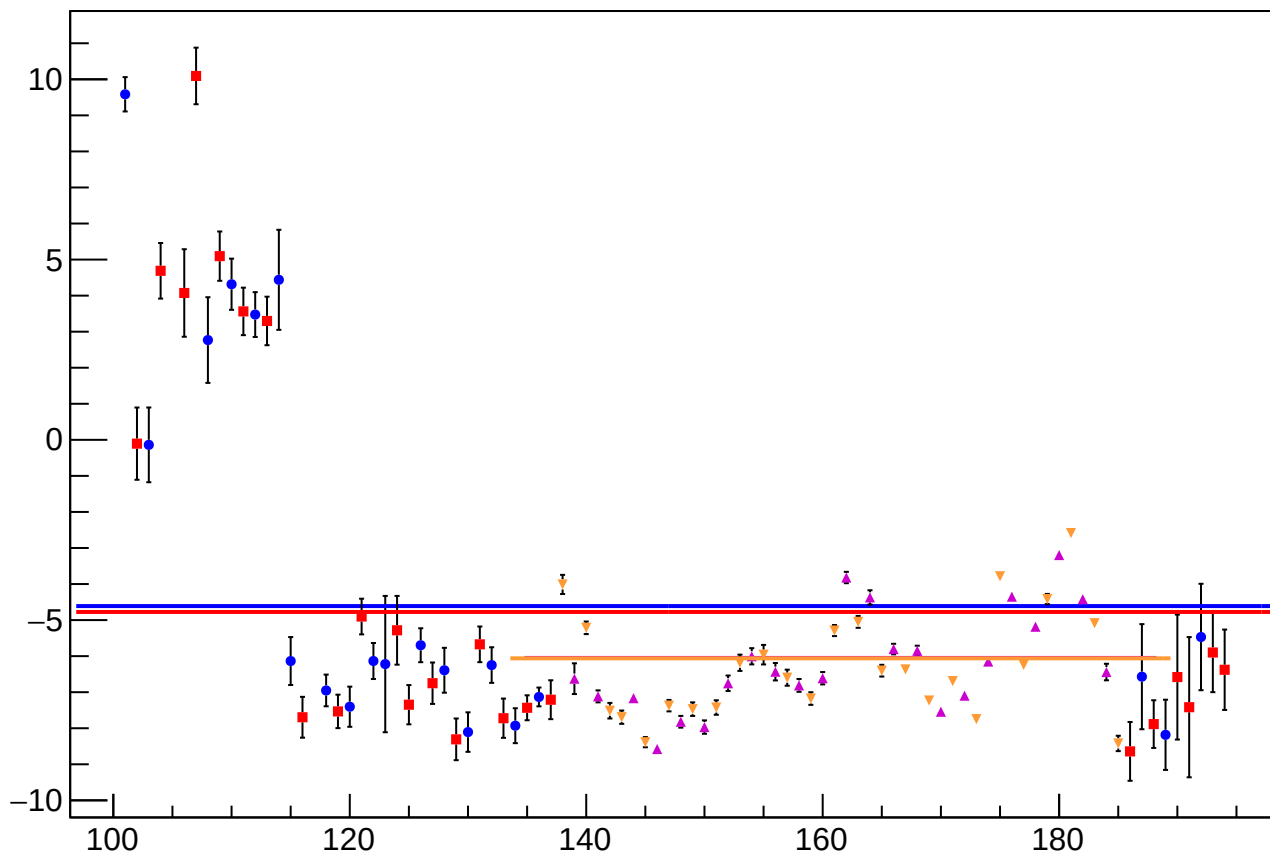
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.831 $\pm$ 0.180 χ^2 /NDF: 617.1/19
 Left Out: 11.830 $\pm$ 0.035 χ^2 /NDF:19032.5/24
 Right Out: 22.077 $\pm$ 0.143 χ^2 /NDF: 1719.2/23
 Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

+ sign 12.082 $\pm$ 0.034 χ^2 /NDF: 21113.5/44
 All: 12.176 $\pm$ 0.024 χ^2 /NDF: 44741.0/91
 - sign 12.270 $\pm$ 0.034 χ^2 /NDF: 23612.2/46

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.611 ± 0.127 χ^2/NDF : 1606.2/19

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.774 ± 0.130 χ^2/NDF : 1393.3/23

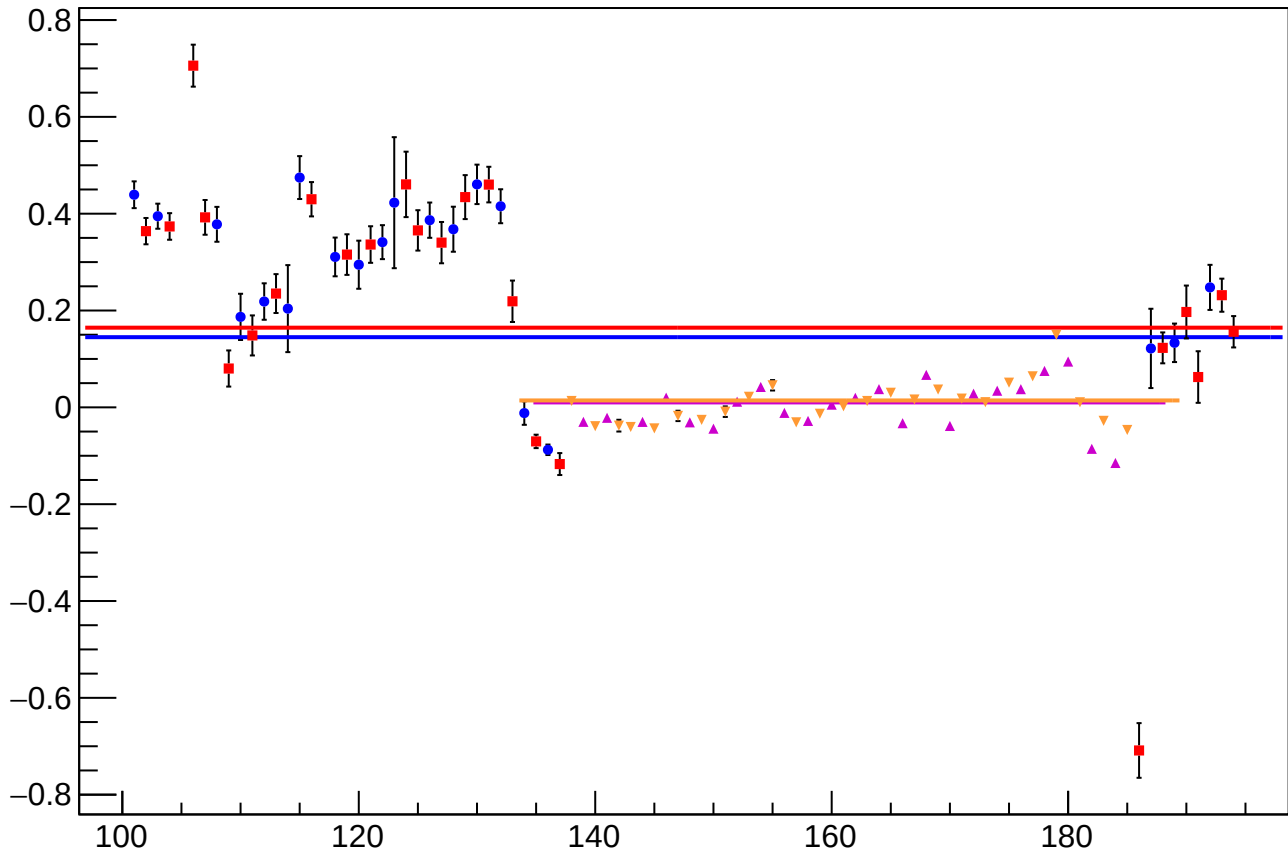
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.979 ± 0.030 χ^2/NDF : 4377.6/44

All: -5.979 ± 0.022 χ^2/NDF : 8165.2/91

- sign -5.978 ± 0.031 χ^2/NDF : 3787.6/46

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.145 $\pm$ 0.007 χ^2 /NDF: 1065.5/19

Left Out: 0.014 $\pm$ 0.001 χ^2 /NDF: 950.9/24

Right Out: 0.165 $\pm$ 0.007 χ^2 /NDF: 1256.6/23

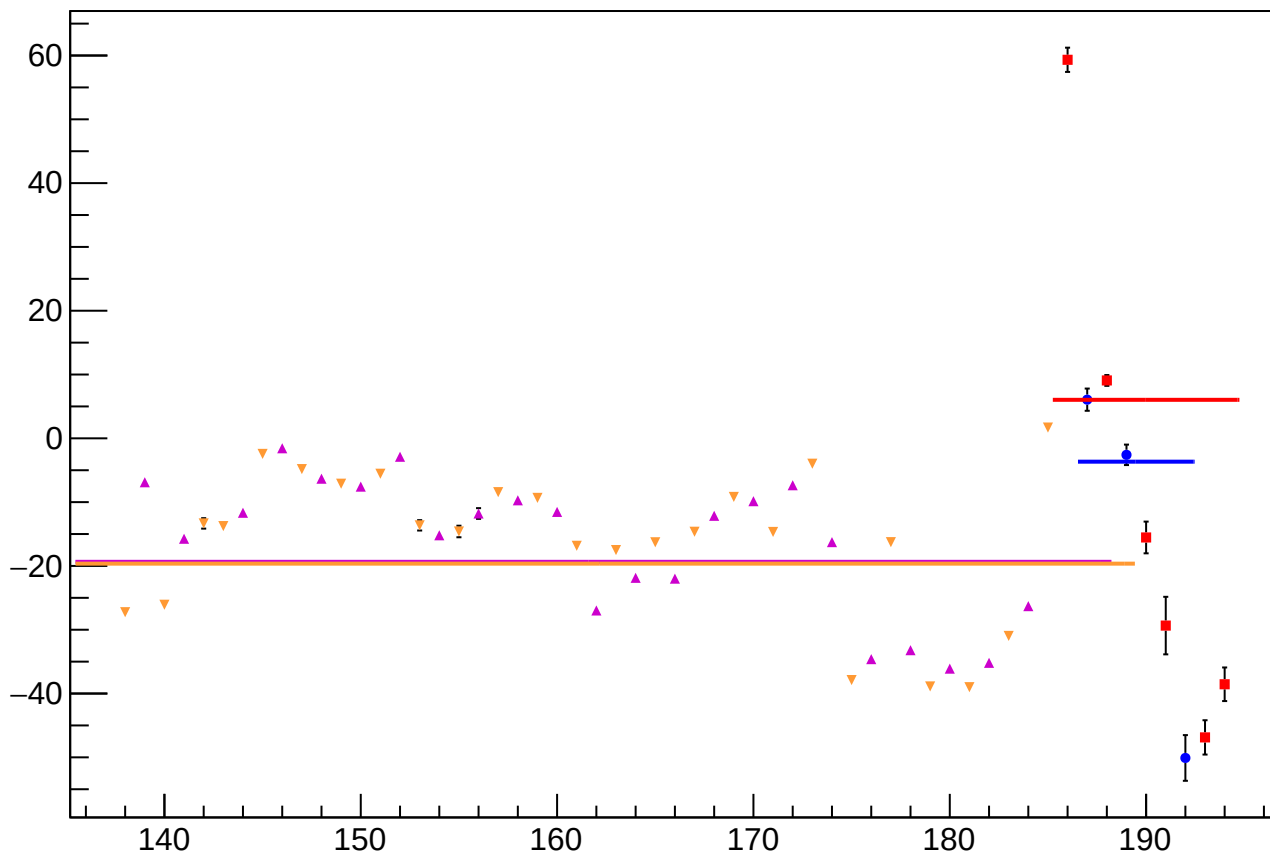
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1224.5/22

+ sign 0.020 $\pm$ 0.001 χ^2 /NDF: 2365.9/44

All: 0.018 $\pm$ 0.001 χ^2 /NDF: 5351.0/91

- sign 0.017 $\pm$ 0.001 χ^2 /NDF: 2983.1/46

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -3.659+/-1.120 χ^2/NDF : 199.8/2

Left Out: -19.642+/-0.103 χ^2/NDF : 15730.6/24

Right Out: 6.035+/-0.680 χ^2/NDF : 1609.8/5

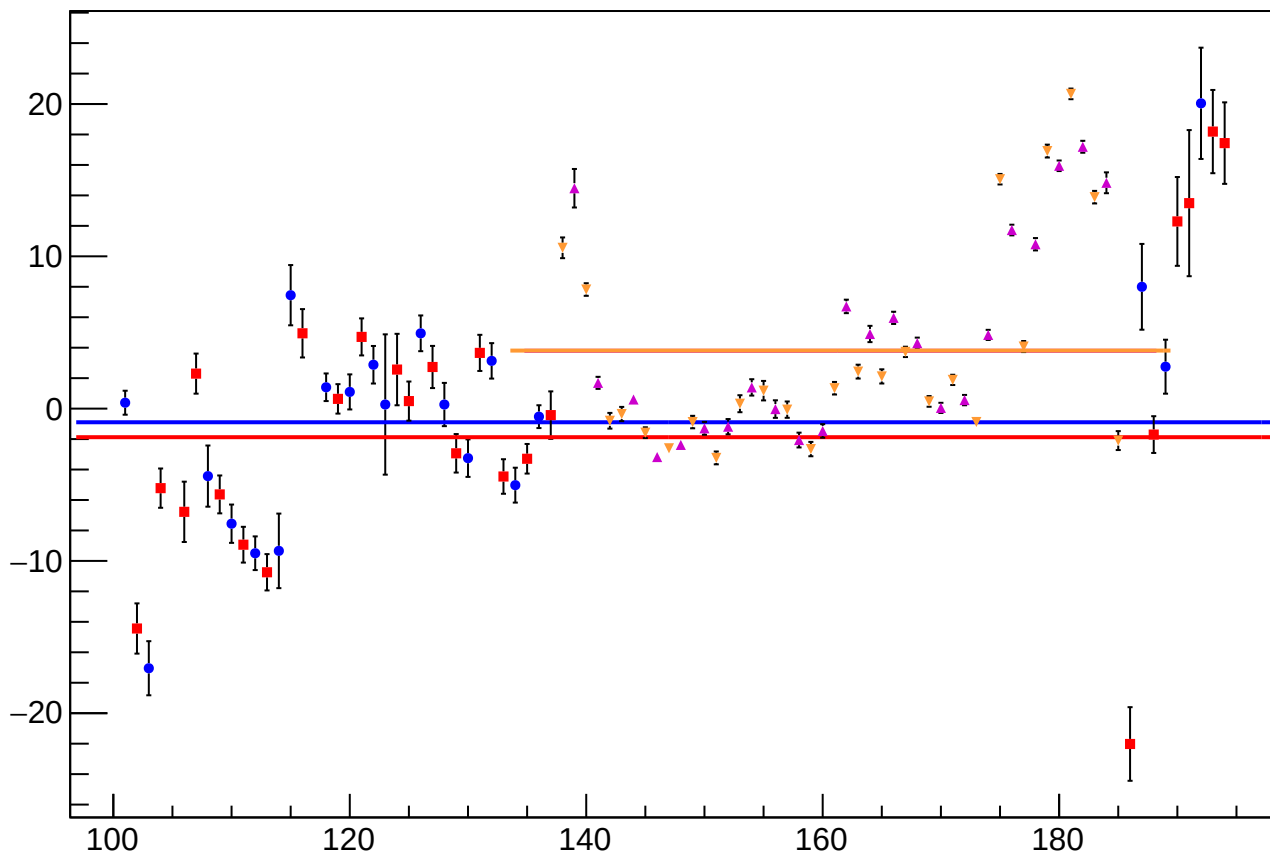
Left In: -19.355+/-0.105 χ^2/NDF : 12417.1/22

+ sign -19.508+/-0.103 χ^2/NDF : 16132.2/27

All: -19.140+/-0.073 χ^2/NDF : 31545.6/56

- sign -18.769+/-0.103 χ^2/NDF : 15387.7/28

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -0.896 ± 0.284 $\chi^2/\text{NDF}: 326.9/19$

Left Out: 3.811 ± 0.082 $\chi^2/\text{NDF}: 7118.3/24$

Right Out: -1.876 ± 0.286 $\chi^2/\text{NDF}: 494.1/23$

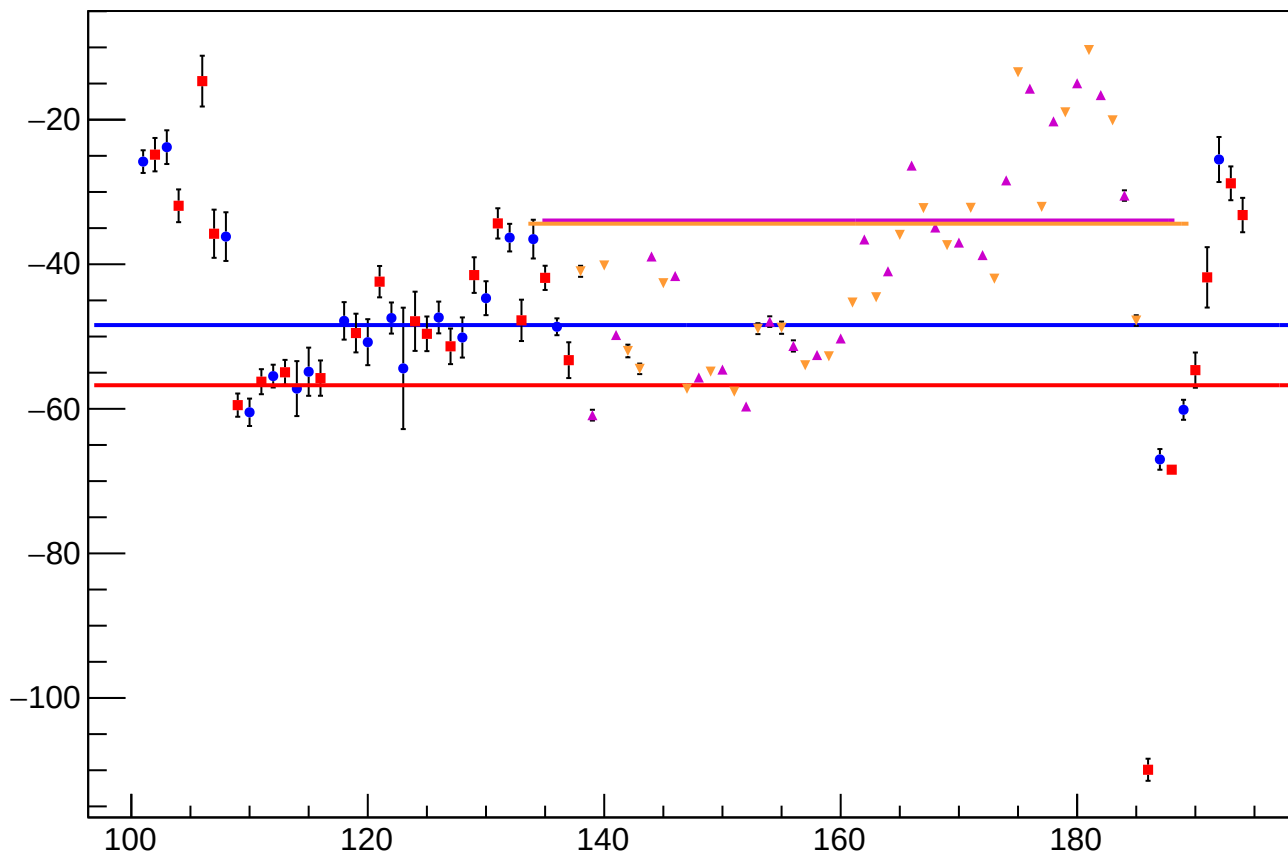
Left In: 3.795 ± 0.083 $\chi^2/\text{NDF}: 5534.4/22$

+ sign 3.446 ± 0.079 $\chi^2/\text{NDF}: 7698.8/44$

All: 3.400 ± 0.056 $\chi^2/\text{NDF}: 14090.0/91$

- sign 3.352 ± 0.080 $\chi^2/\text{NDF}: 6390.4/46$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -48.413 $\pm$ 0.458 χ^2 /NDF: 760.5/19

Left Out: -34.389 $\pm$ 0.104 χ^2 /NDF:20032.2/24

Right Out: -56.737 $\pm$ 0.386 χ^2 /NDF: 2568.3/23

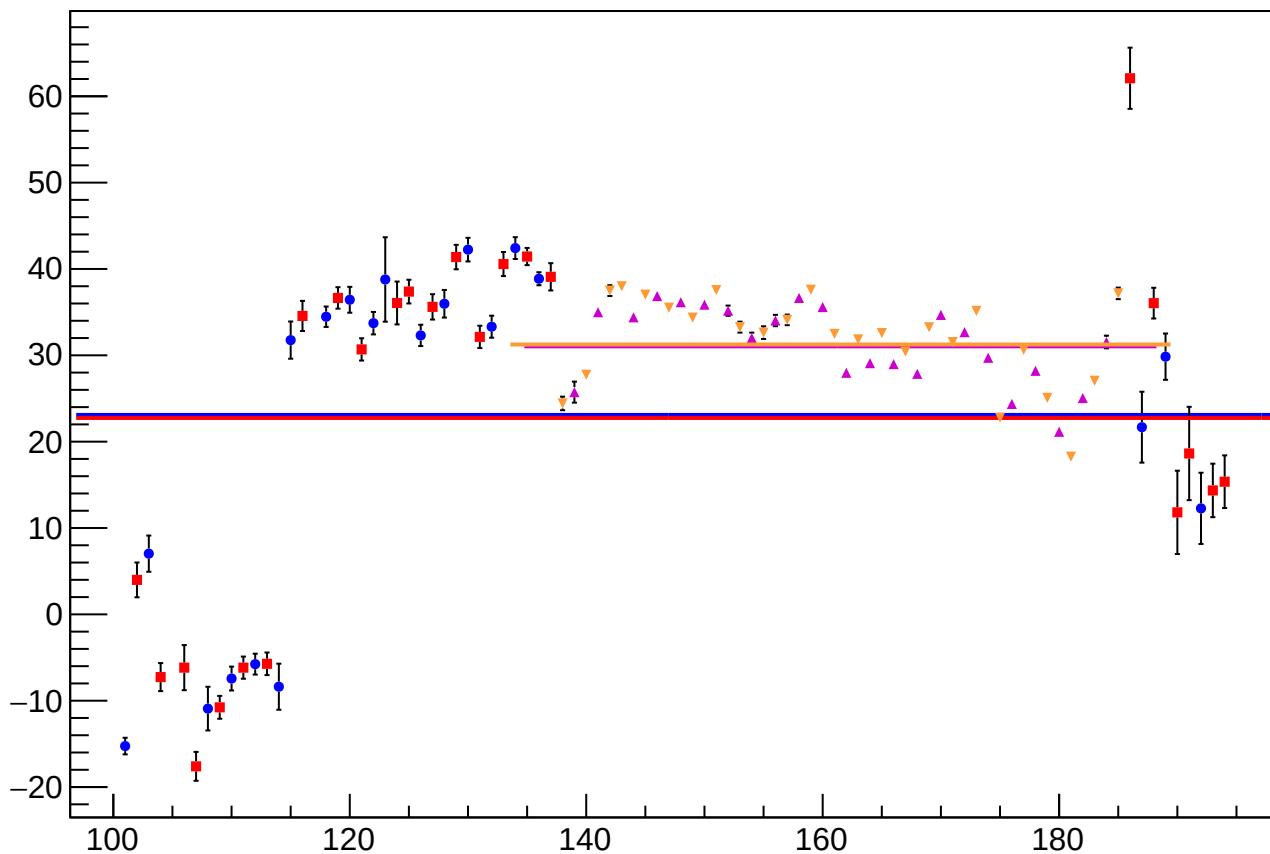
Left In: -33.946 $\pm$ 0.105 χ^2 /NDF:17855.4/22

+ sign -35.079 $\pm$ 0.102 χ^2 /NDF: 21685.9/44

All: -35.297 $\pm$ 0.072 χ^2 /NDF: 45366.6/91

- sign -35.513 $\pm$ 0.101 χ^2 /NDF: 23671.6/46

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.096 $\pm$ 0.322 χ^2 /NDF: 4359.3/19

Left Out: 31.252 $\pm$ 0.093 χ^2 /NDF:3305.3/24

Right Out: 22.747 $\pm$ 0.327 χ^2 /NDF: 4227.6/23

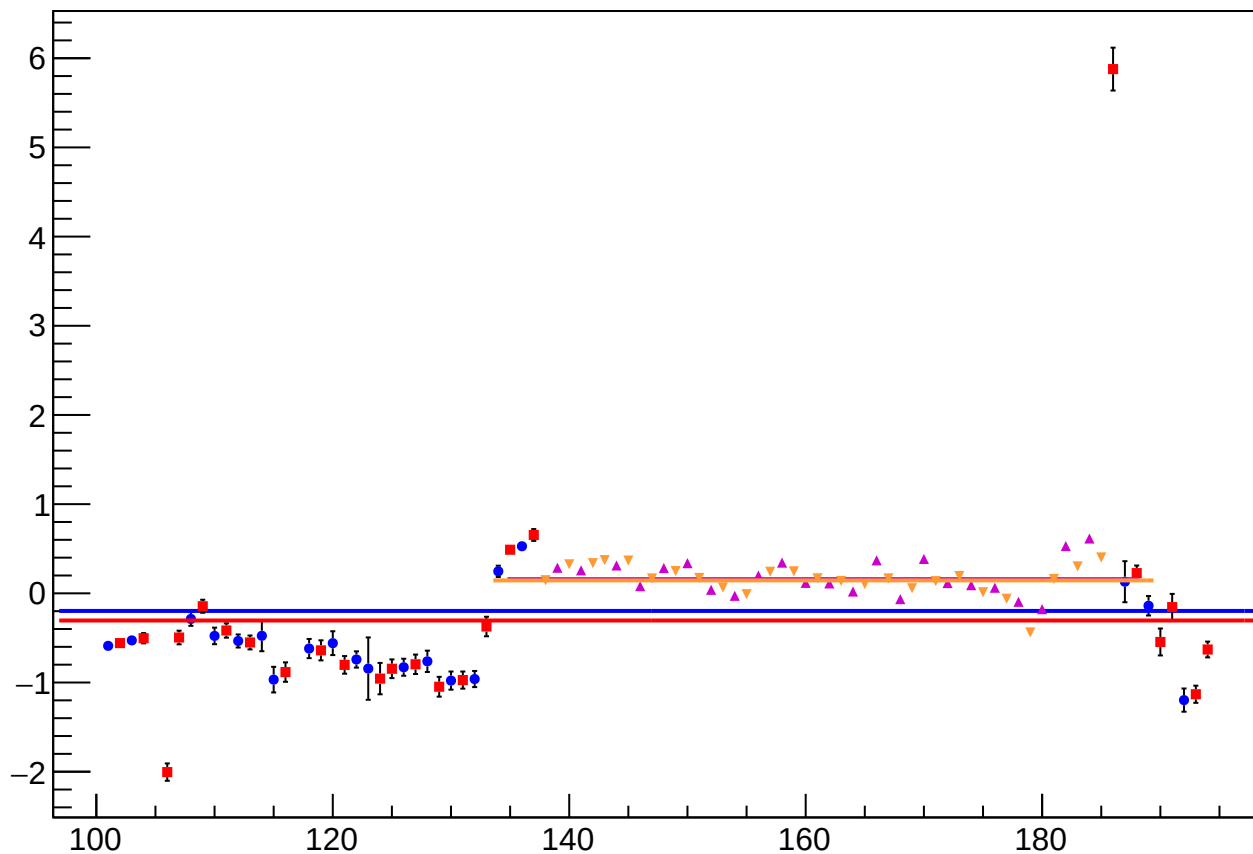
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.629 $\pm$ 0.089 χ^2 /NDF: 8258.4/44

All: 30.521 $\pm$ 0.063 χ^2 /NDF: 15570.2/91

- sign 30.411 $\pm$ 0.090 χ^2 /NDF: 7308.8/46

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.197 ± 0.017 χ^2/NDF : 1060.2/19

Left Out: 0.145 ± 0.004 χ^2/NDF : 1572.6/24

Right Out: -0.305 ± 0.017 χ^2/NDF : 1970.7/23

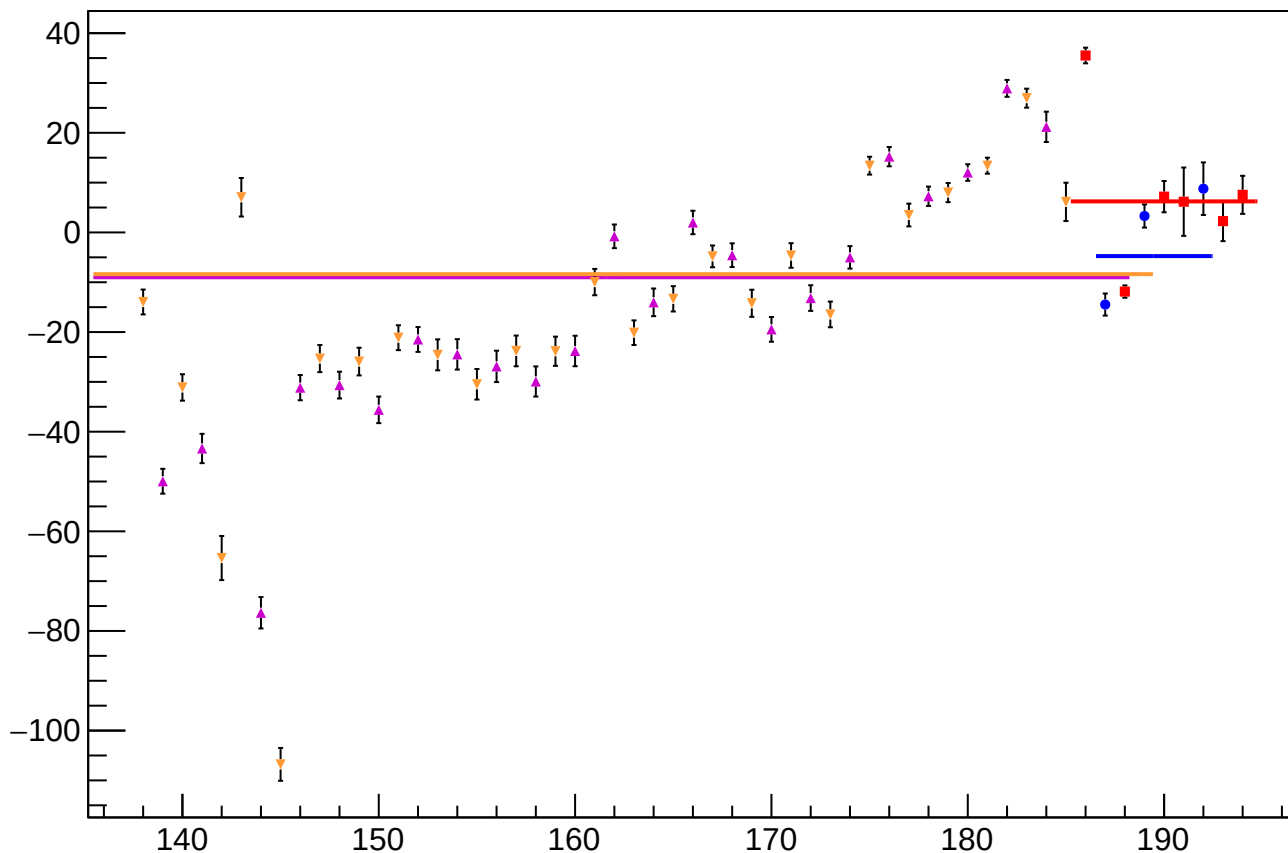
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.125 ± 0.004 χ^2/NDF : 3002.1/44

All: 0.128 ± 0.003 χ^2/NDF : 7700.0/91

- sign 0.131 ± 0.004 χ^2/NDF : 4697.0/46

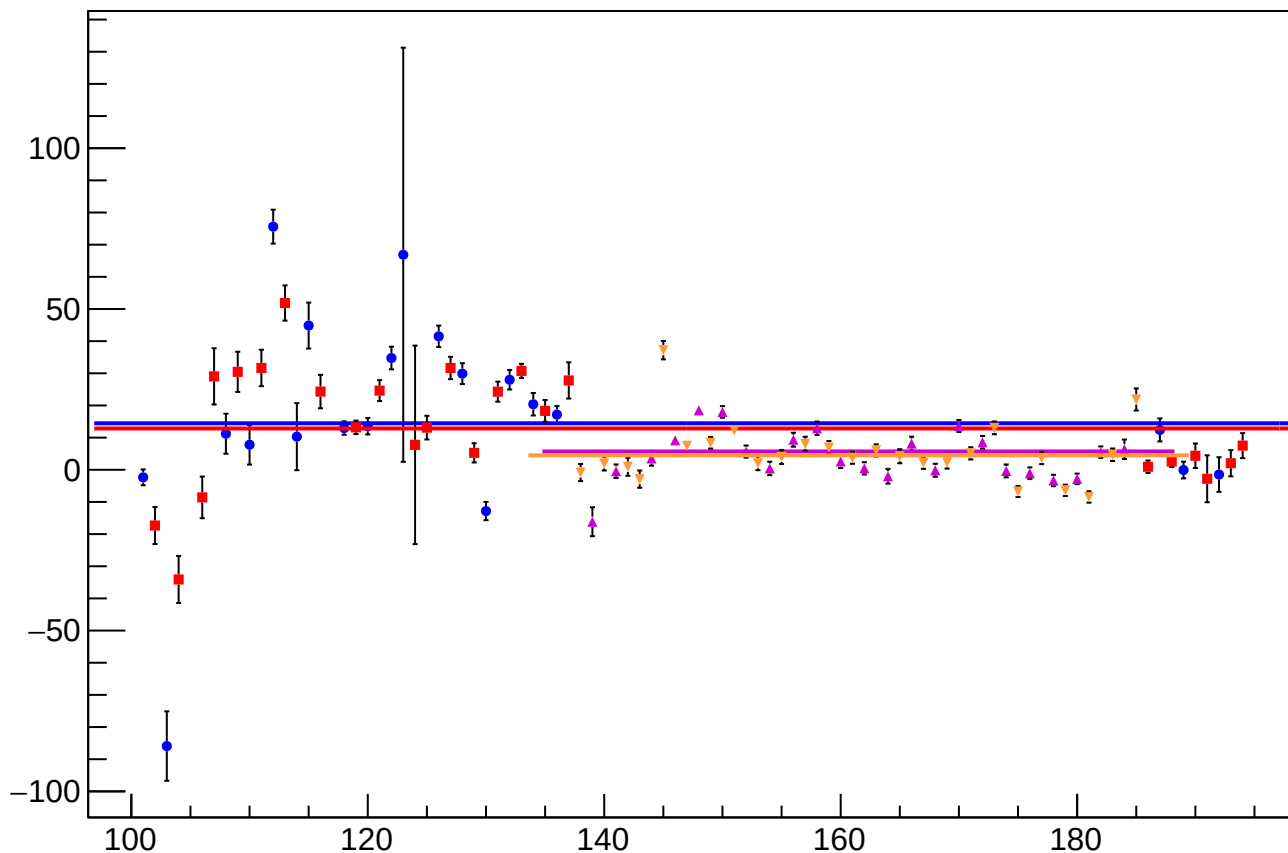
reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -4.751 ± 1.536 χ^2/NDF : 37.8/2
 Left Out: -8.375 ± 0.500 χ^2/NDF : 2224.0/24
 Right Out: 6.233 ± 0.874 χ^2/NDF : 562.1/5
 Left In: -8.995 ± 0.505 χ^2/NDF : 2308.2/22

+ sign -8.028 ± 0.476 χ^2/NDF : 2266.8/27
 All: -6.485 ± 0.322 χ^2/NDF : 5384.2/56
 - sign -5.181 ± 0.437 χ^2/NDF : 3098.0/28

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 14.455 ± 0.778 χ^2/NDF : 565.9/19

Left Out: 4.494 ± 0.393 χ^2/NDF : 372.1/24

Right Out: 12.843 ± 0.699 χ^2/NDF : 387.9/23

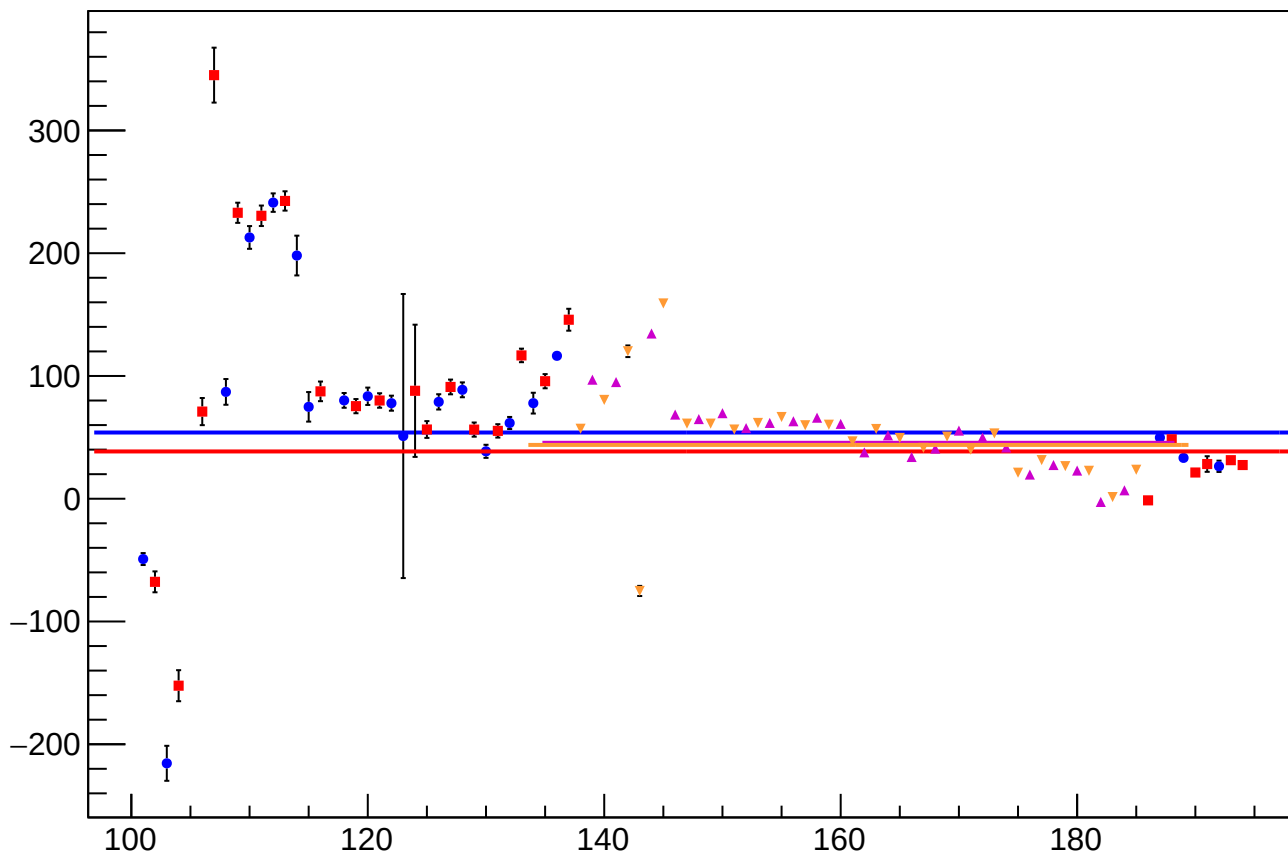
Left In: 5.699 ± 0.403 χ^2/NDF : 329.1/22

+ sign 6.518 ± 0.351 χ^2/NDF : 1068.8/44

All: 7.003 ± 0.247 χ^2/NDF : 1868.0/91

- sign 7.484 ± 0.349 χ^2/NDF : 795.4/46

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 53.941 ± 1.010 χ^2/NDF : 2316.3/19

Left Out: 43.840 ± 0.499 χ^2/NDF : 3680.9/24

Right Out: 38.515 ± 0.663 χ^2/NDF : 4167.3/23

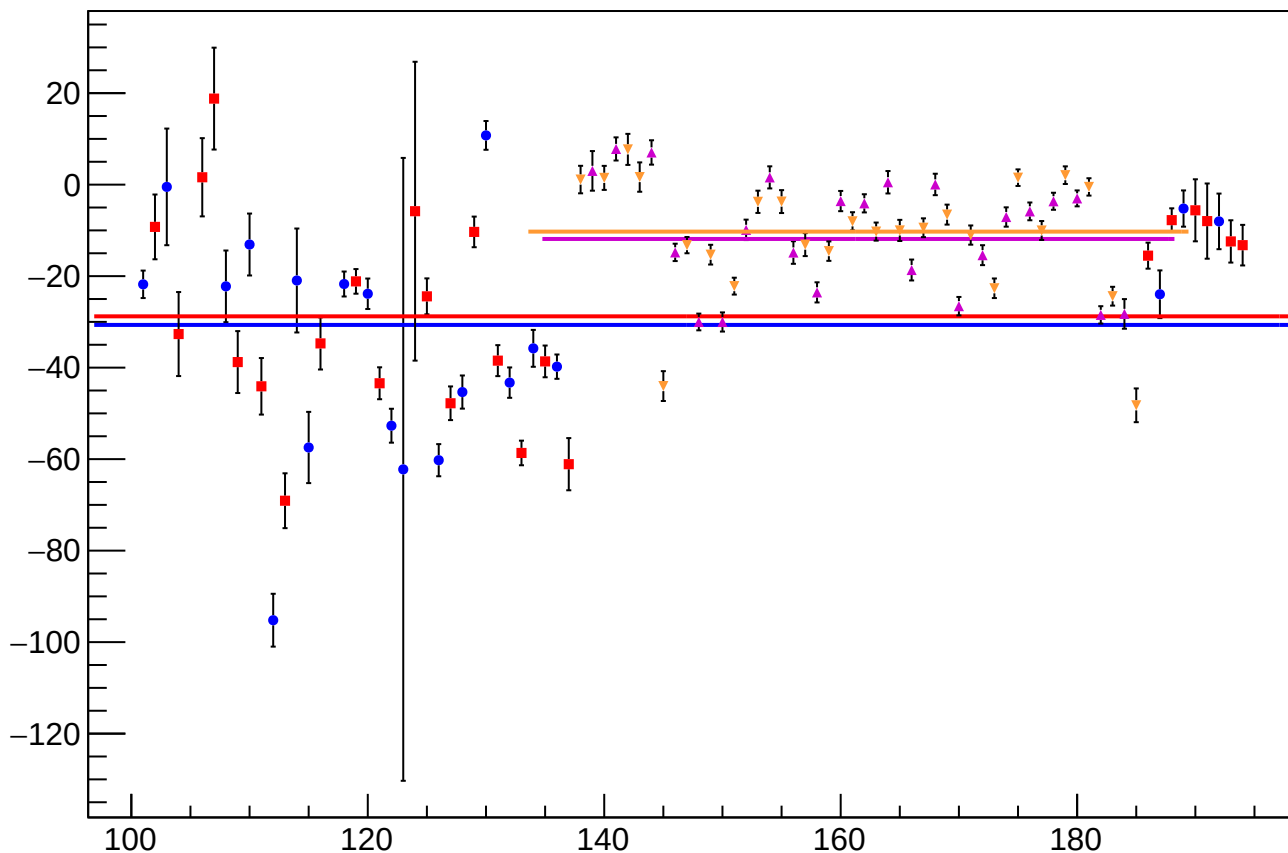
Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

+ sign 45.820 ± 0.447 χ^2/NDF : 6077.5/44

All: 44.249 ± 0.298 χ^2/NDF : 13491.2/91

- sign 42.990 ± 0.401 χ^2/NDF : 7391.4/46

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -30.664±/0.918 χ^2/NDF : 555.6/19

Left Out: -10.267±/0.445 χ^2/NDF : 553.7/24

Right Out: -28.787±/0.859 χ^2/NDF : 480.3/23

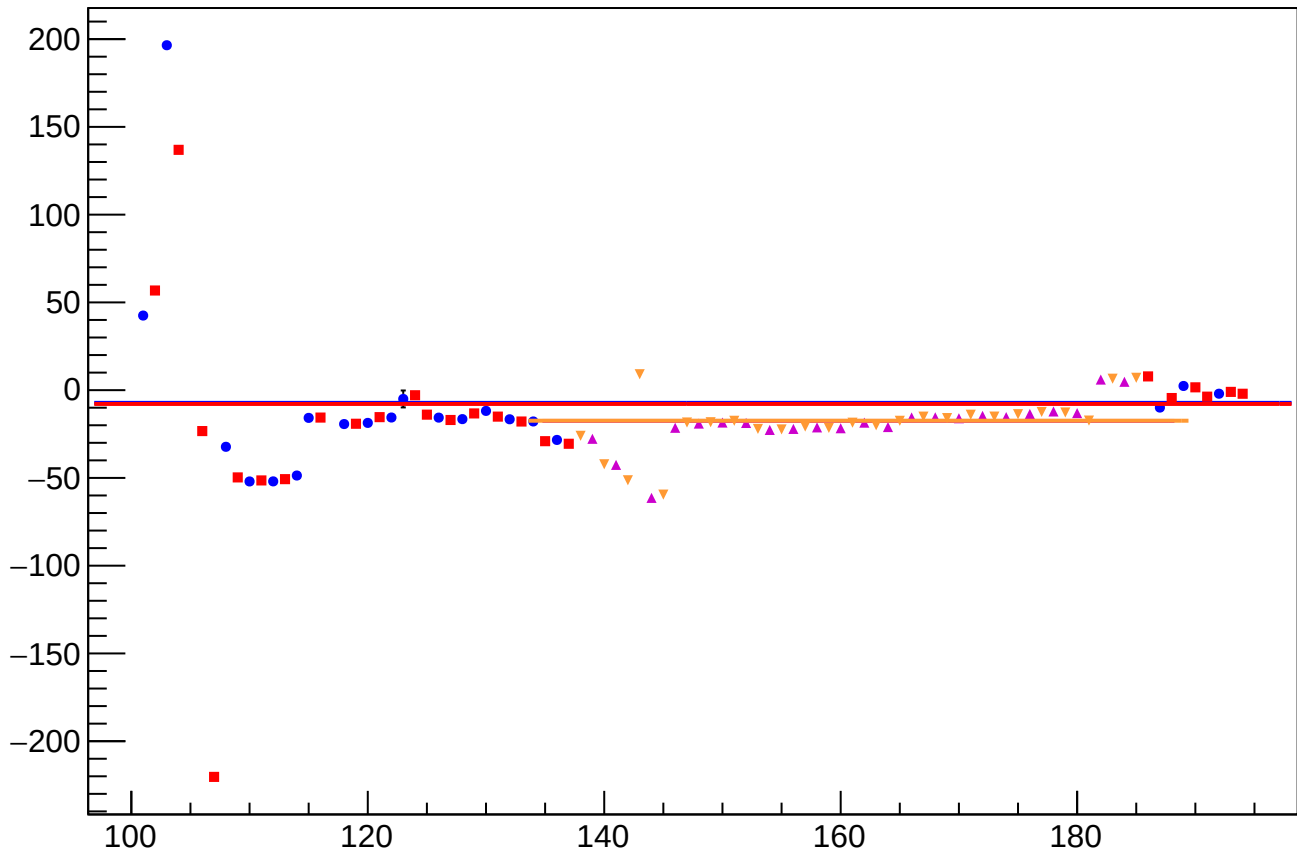
Left In: -11.875±/0.455 χ^2/NDF : 668.4/22

+ sign -14.147±/0.400 χ^2/NDF : 1509.0/44

All: -14.860±/0.284 χ^2/NDF : 2967.0/91

- sign -15.579±/0.402 χ^2/NDF : 1451.6/46

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -7.243 ± 0.053 $\chi^2/\text{NDF}: 580620.9/19$

Left Out: -17.411 ± 0.020 $\chi^2/\text{NDF}: 320231.3/24$

Right Out: -7.851 ± 0.045 $\chi^2/\text{NDF}: 571744.1/23$

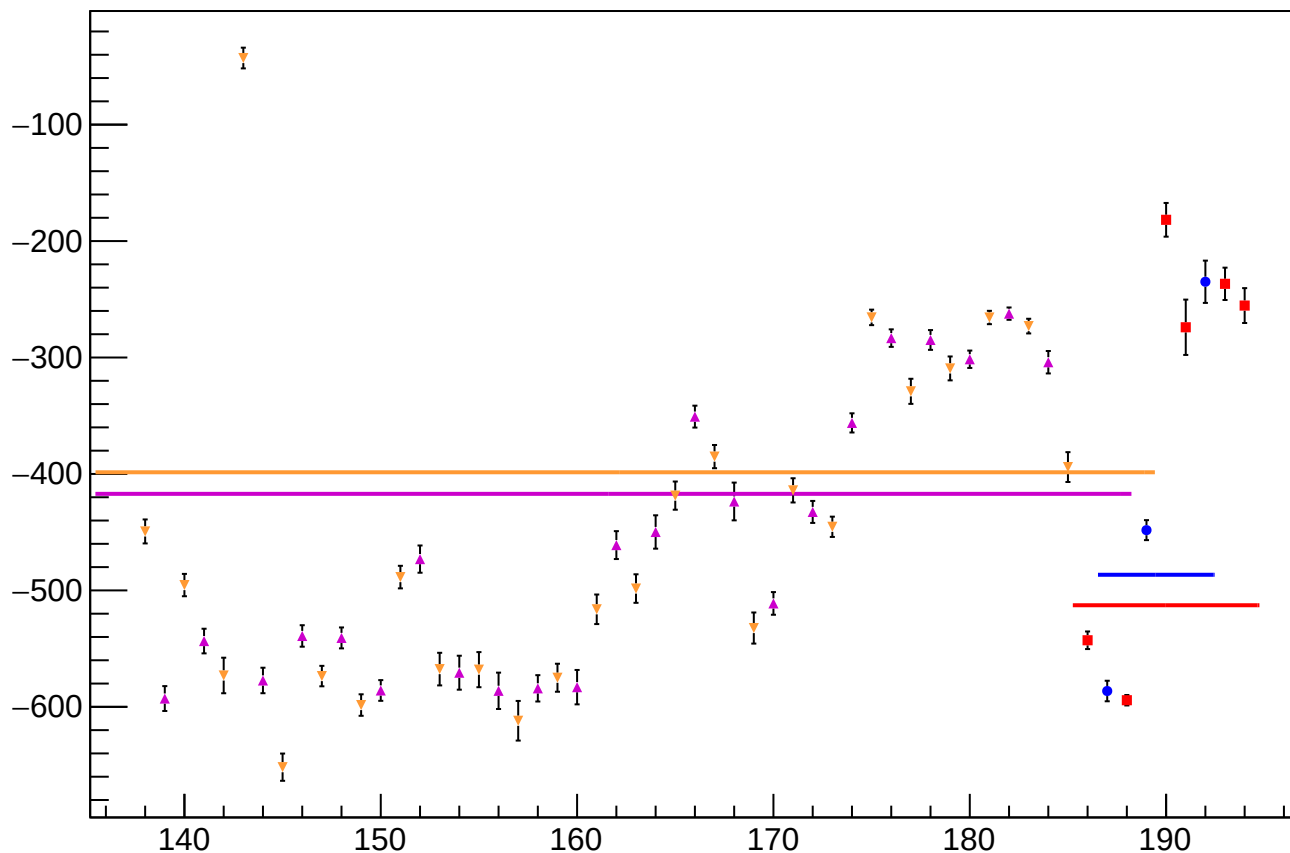
Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

+ sign -16.078 ± 0.019 $\chi^2/\text{NDF}: 933331.6/44$

All: -15.976 ± 0.013 $\chi^2/\text{NDF}: 1805332.7/91$

- sign -15.878 ± 0.019 $\chi^2/\text{NDF}: 871945.4/46$

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -486.571 $\pm$ 5.824 χ^2 /NDF: 340.3/2

Left Out: -398.556 $\pm$ 1.962 χ^2 /NDF: 5659.5/24

Right Out: -512.749 $\pm$ 3.462 χ^2 /NDF: 1661.0/5

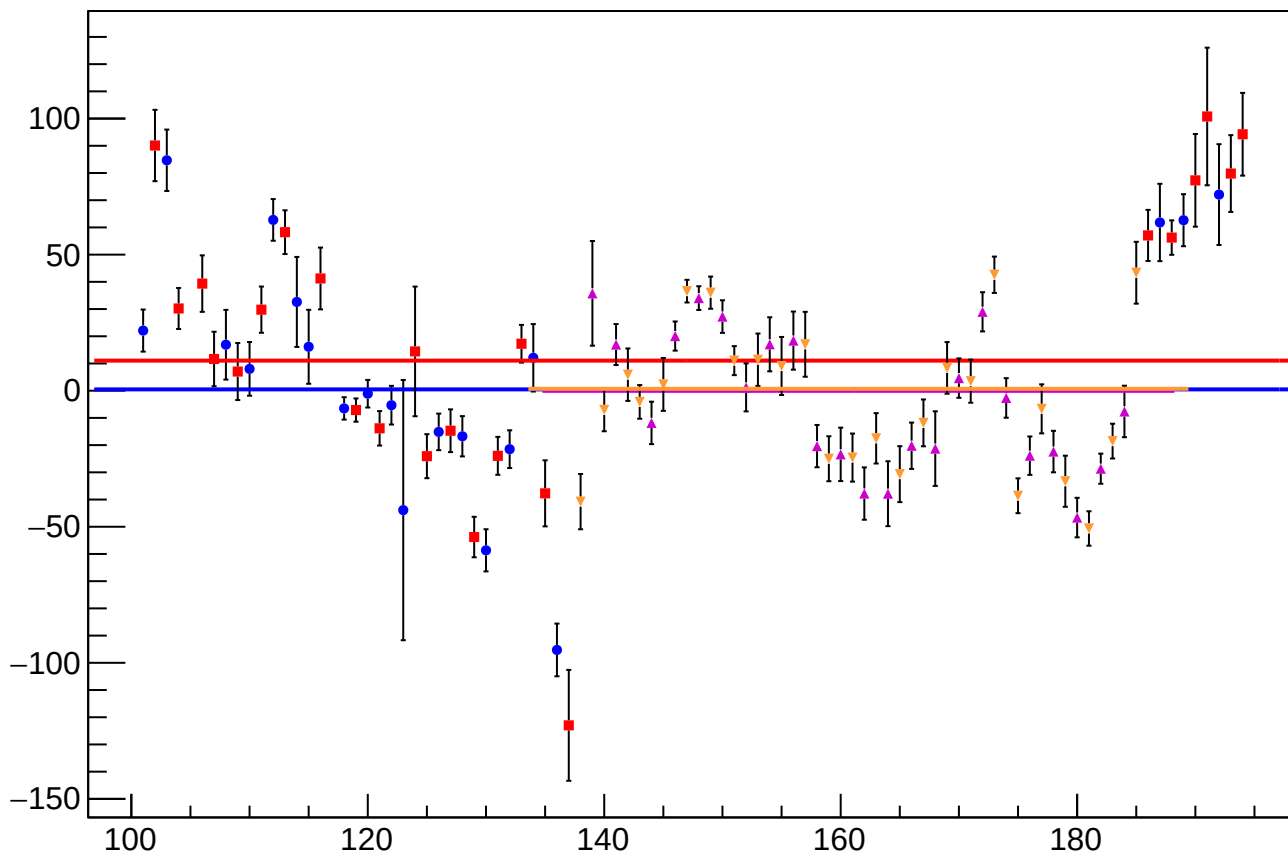
Left In: -417.080 $\pm$ 1.997 χ^2 /NDF: 3958.5/22

+ sign -407.524 $\pm$ 1.859 χ^2 /NDF: 6204.9/27

All: -425.445 $\pm$ 1.266 χ^2 /NDF: 12570.9/56

- sign -440.961 $\pm$ 1.730 χ^2 /NDF: 6192.5/28

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 0.479 ± 1.828 χ^2/NDF : 395.3/19

Left Out: 0.697 ± 1.510 χ^2/NDF : 349.9/24

Right Out: 11.049 ± 1.764 χ^2/NDF : 477.9/23

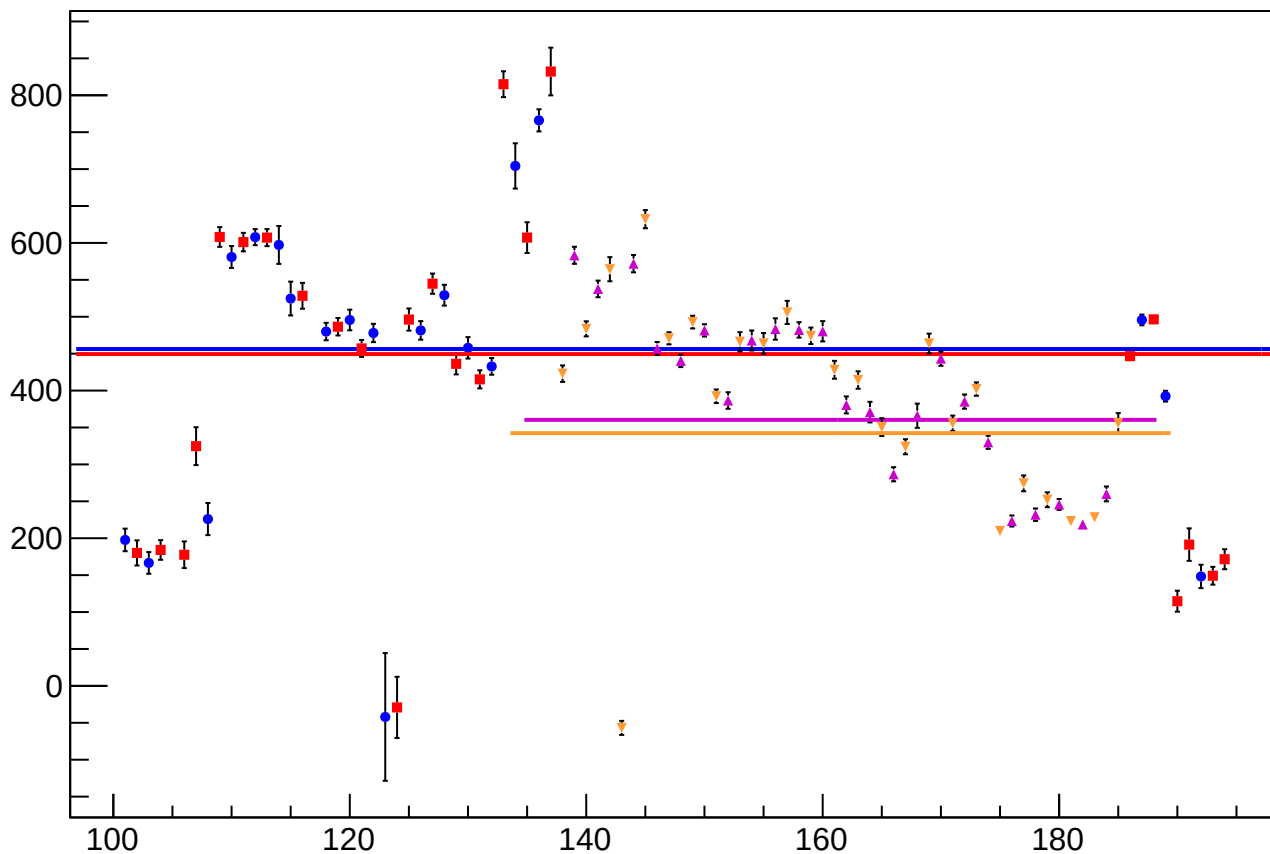
Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

+ sign 0.609 ± 1.164 χ^2/NDF : 745.2/44

All: 2.717 ± 0.826 χ^2/NDF : 1515.9/91

- sign 4.857 ± 1.173 χ^2/NDF : 764.1/46

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 456.291 ± 2.914 $\chi^2/\text{NDF}: 2153.1/19$

Left Out: 342.368 ± 1.970 $\chi^2/\text{NDF}: 5181.7/24$

Right Out: 449.440 ± 2.220 $\chi^2/\text{NDF}: 4136.1/23$

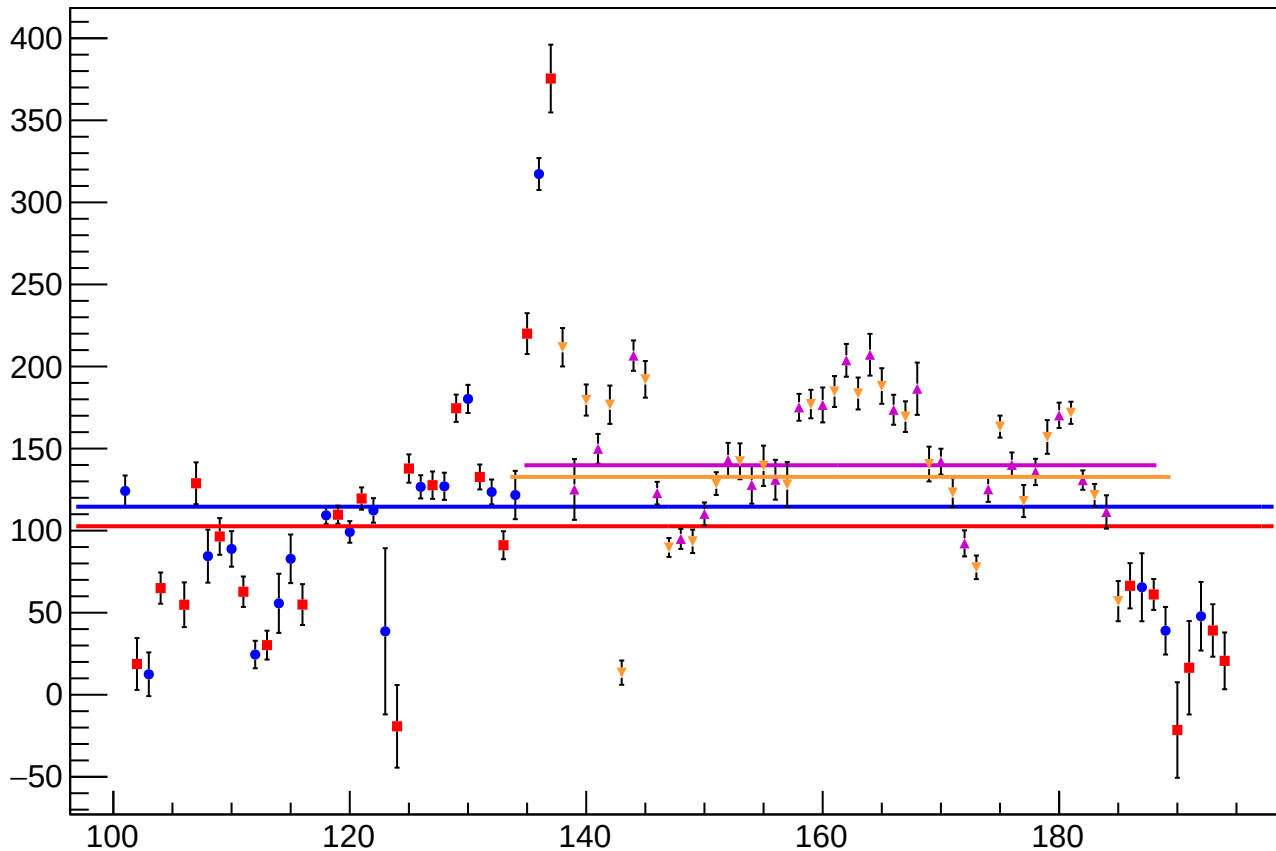
Left In: 360.355 ± 1.996 $\chi^2/\text{NDF}: 3449.9/22$

+ sign 378.104 ± 1.632 $\chi^2/\text{NDF}: 8384.1/44$

All: 390.183 ± 1.098 $\chi^2/\text{NDF}: 16960.9/91$

- sign 400.172 ± 1.484 $\chi^2/\text{NDF}: 8476.7/46$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 114.574 $\pm$ 2.145 χ^2 /NDF: 751.7/19

Left Out: 132.762 $\pm$ 1.736 χ^2 /NDF: 749.6/24

Right Out: 102.661 $\pm$ 2.083 χ^2 /NDF: 666.1/23

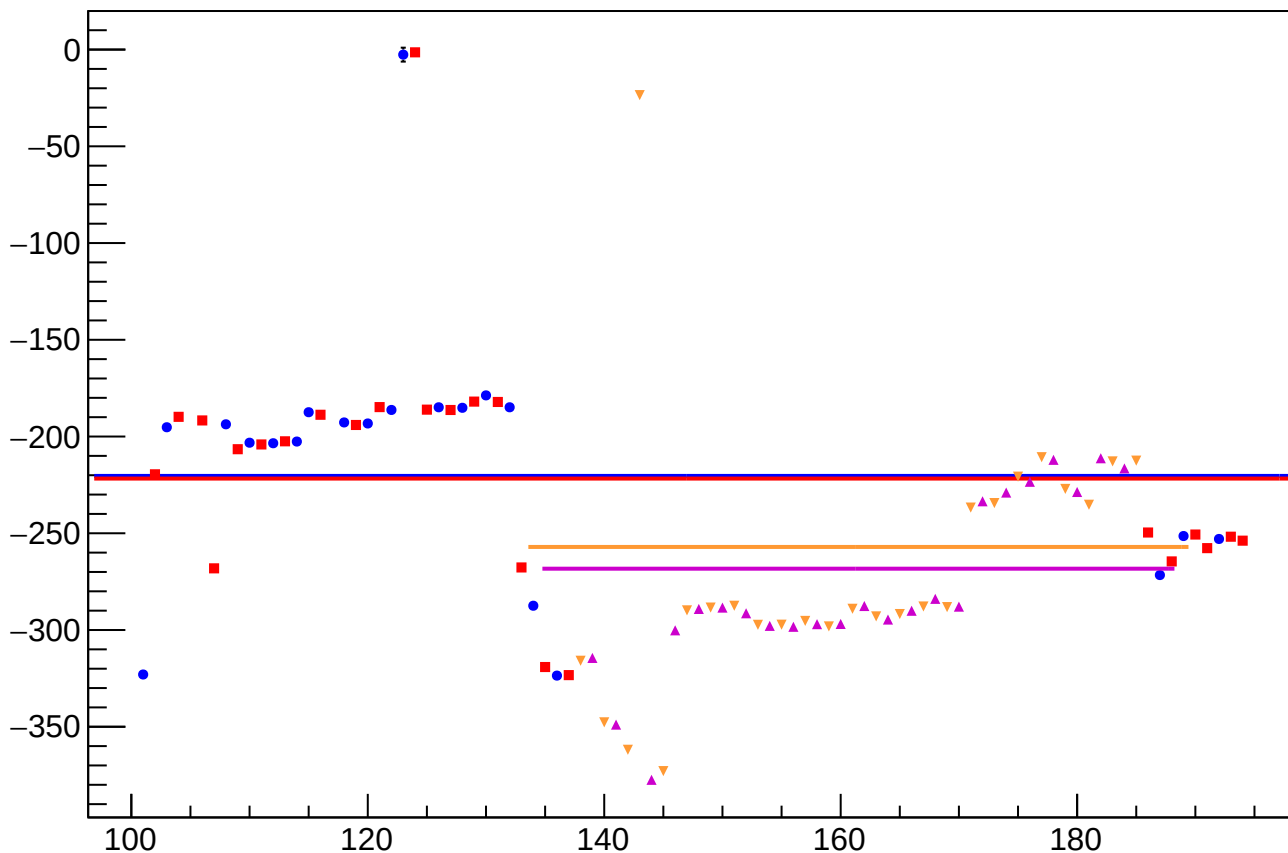
Left In: 139.828 $\pm$ 1.790 χ^2 /NDF: 321.7/22

+ sign 125.565 $\pm$ 1.349 χ^2 /NDF: 1544.8/44

All: 124.808 $\pm$ 0.957 χ^2 /NDF: 2716.4/91

- sign 124.041 $\pm$ 1.357 χ^2 /NDF: 1171.0/46

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -220.359 ± 0.129 χ^2/NDF : 154553.7/19

Left Out: -257.067 ± 0.082 χ^2/NDF : 665762.3/24

Right Out: -221.730 ± 0.115 χ^2/NDF : 137434.6/23

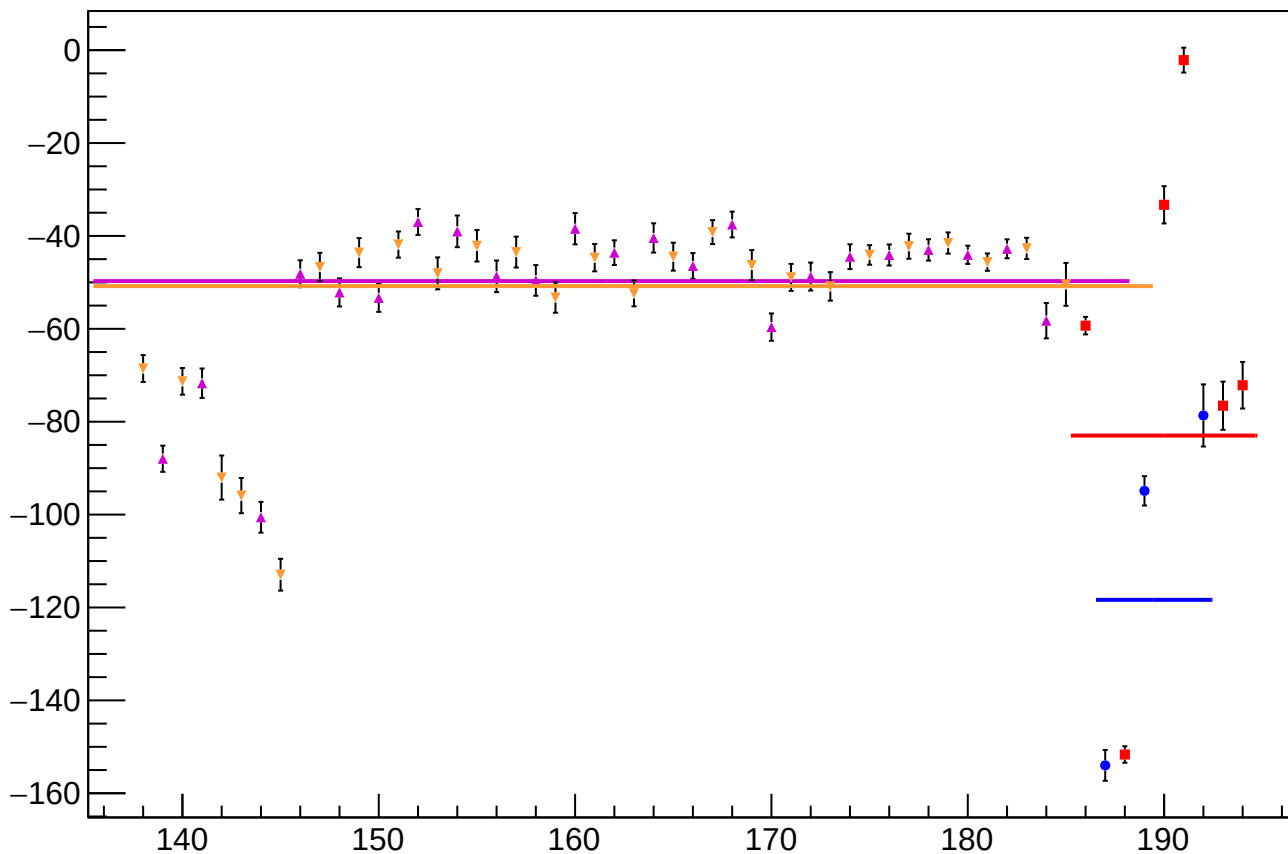
Left In: -268.305 ± 0.083 χ^2/NDF : 264853.3/22

+ sign -246.465 ± 0.069 χ^2/NDF : 877803.7/44

All: -249.500 ± 0.048 χ^2/NDF : 1390820.2/91

- sign -252.376 ± 0.068 χ^2/NDF : 509290.4/46

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -118.353 ± 2.165 $\chi^2/\text{NDF}: 205.8/2$

Left Out: -50.802 ± 0.574 $\chi^2/\text{NDF}: 752.7/24$

Right Out: -82.987 ± 1.069 $\chi^2/\text{NDF}: 2715.0/5$

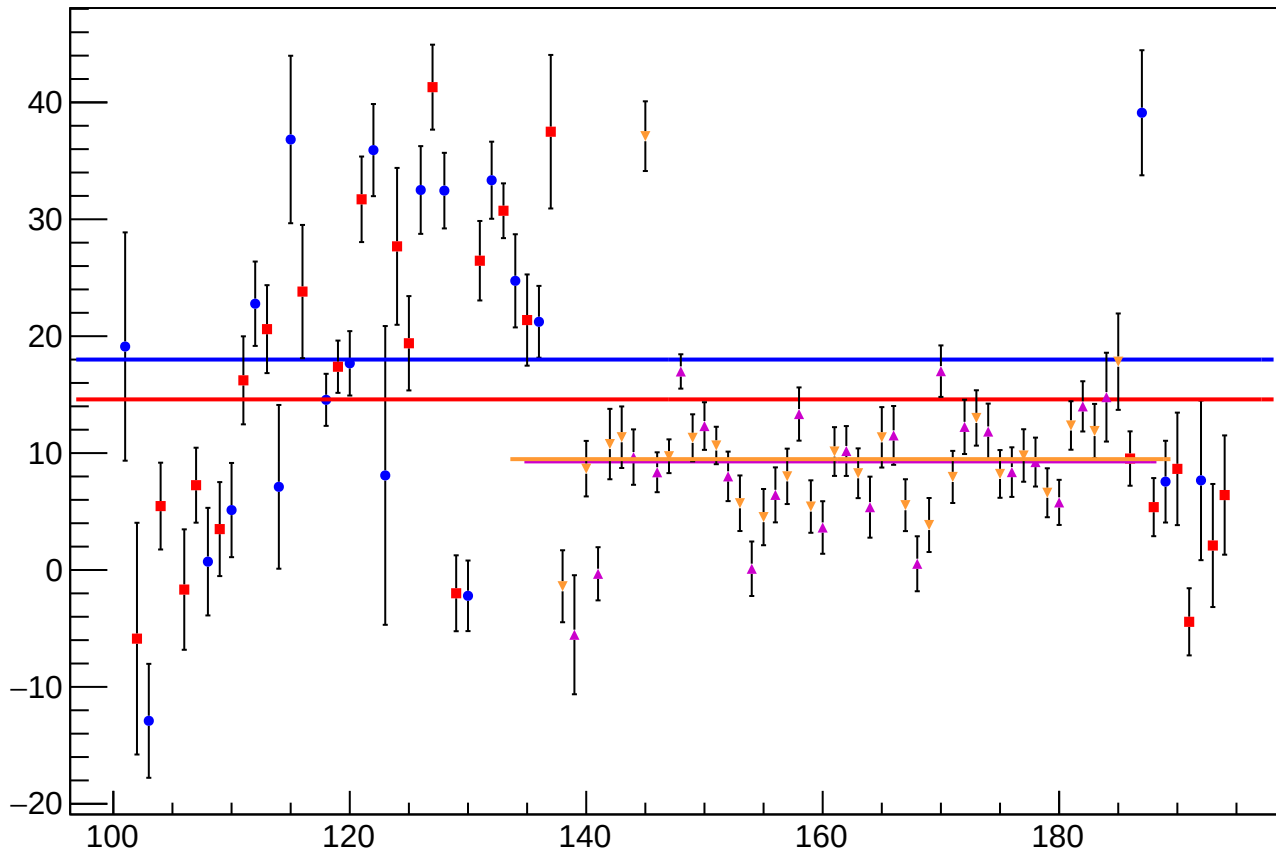
Left In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$

+ sign -55.236 ± 0.555 $\chi^2/\text{NDF}: 1868.0/27$

All: -56.364 ± 0.376 $\chi^2/\text{NDF}: 5938.4/56$

- sign -57.321 ± 0.511 $\chi^2/\text{NDF}: 4062.7/28$

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.002 ± 0.858 χ^2/NDF : 231.4/19

Left Out: 9.483 ± 0.447 χ^2/NDF : 133.0/24

Right Out: 14.594 ± 0.721 χ^2/NDF : 294.2/23

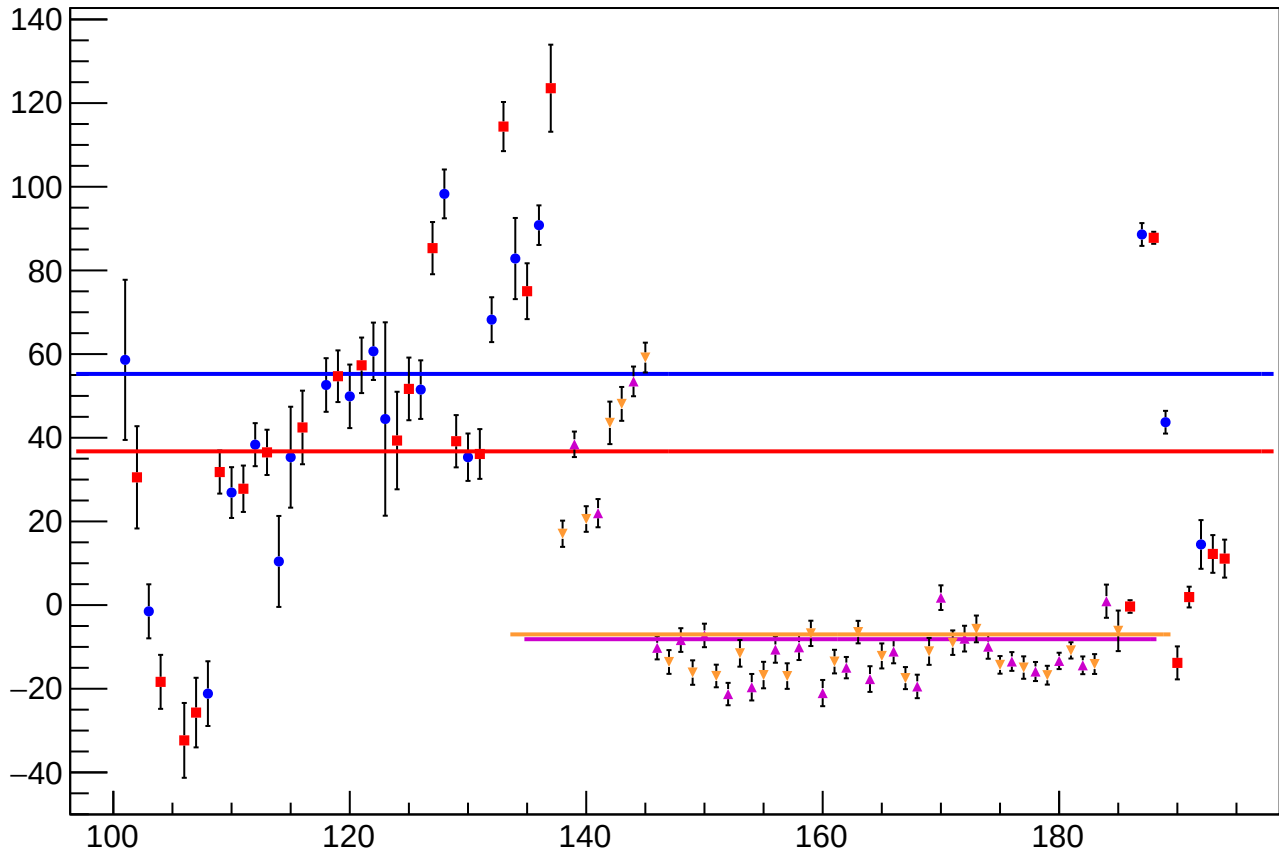
Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

+ sign 11.300 ± 0.396 χ^2/NDF : 442.0/44

All: 11.058 ± 0.277 χ^2/NDF : 901.0/91

- sign 10.826 ± 0.388 χ^2/NDF : 458.3/46

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 55.259 ± 1.232 $\chi^2/\text{NDF}: 582.6/19$

Left Out: -7.007 ± 0.572 $\chi^2/\text{NDF}: 899.2/24$

Right Out: 36.747 ± 0.782 $\chi^2/\text{NDF}: 2843.2/23$

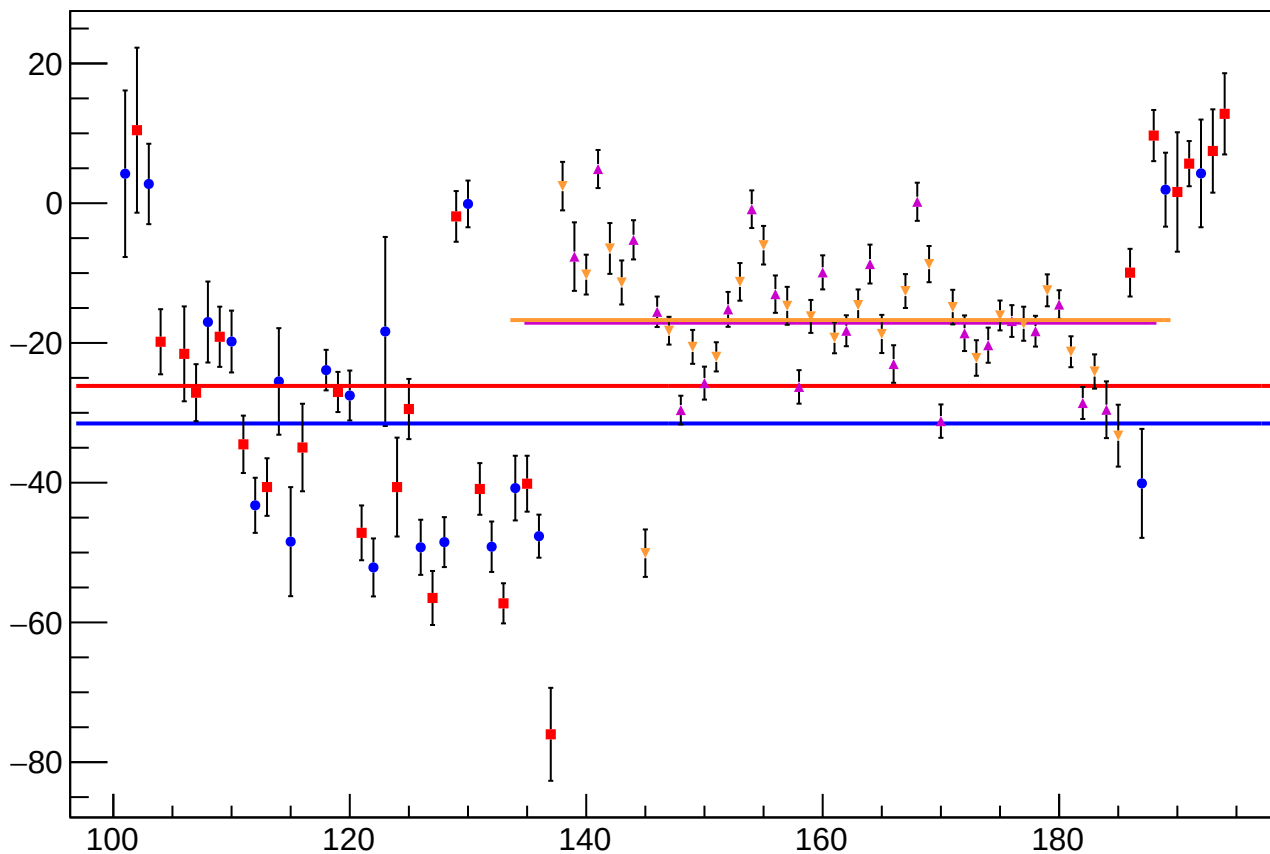
Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

+ sign 4.035 ± 0.519 $\chi^2/\text{NDF}: 3583.8/44$

All: 6.073 ± 0.346 $\chi^2/\text{NDF}: 9343.7/91$

- sign 7.708 ± 0.465 $\chi^2/\text{NDF}: 5732.1/46$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -31.525 ± 0.997 χ^2/NDF : 354.8/19

Left Out: -16.727 ± 0.508 χ^2/NDF : 223.3/24

Right Out: -26.150 ± 0.863 χ^2/NDF : 677.1/23

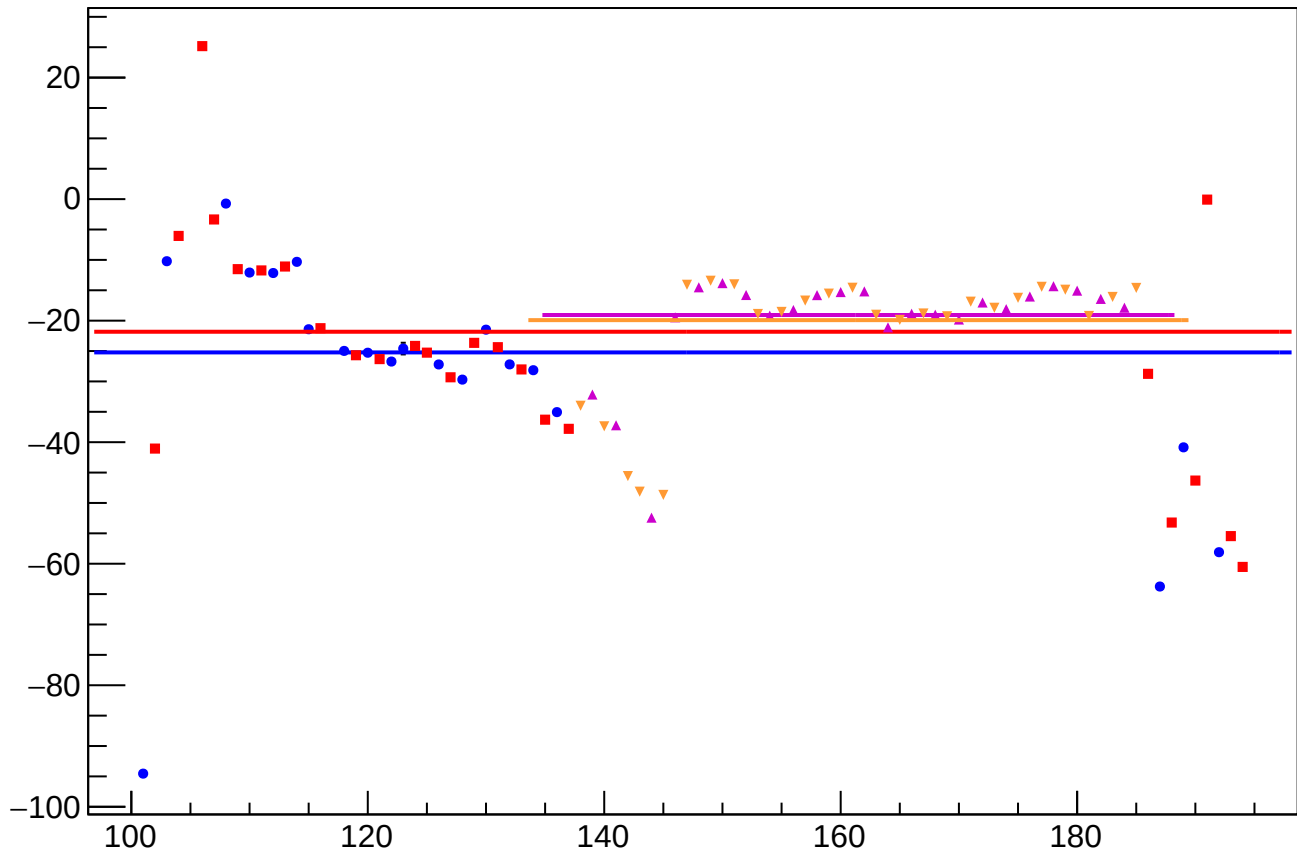
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -19.775 ± 0.452 χ^2/NDF : 753.0/44

All: -19.642 ± 0.318 χ^2/NDF : 1839.0/91

- sign -19.514 ± 0.446 χ^2/NDF : 1085.8/46

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -25.226 ± 0.055 $\chi^2/\text{NDF}: 84279.9/19$

Left Out: -19.915 ± 0.023 $\chi^2/\text{NDF}: 141090.6/24$

Right Out: -21.824 ± 0.042 $\chi^2/\text{NDF}: 268111.6/23$

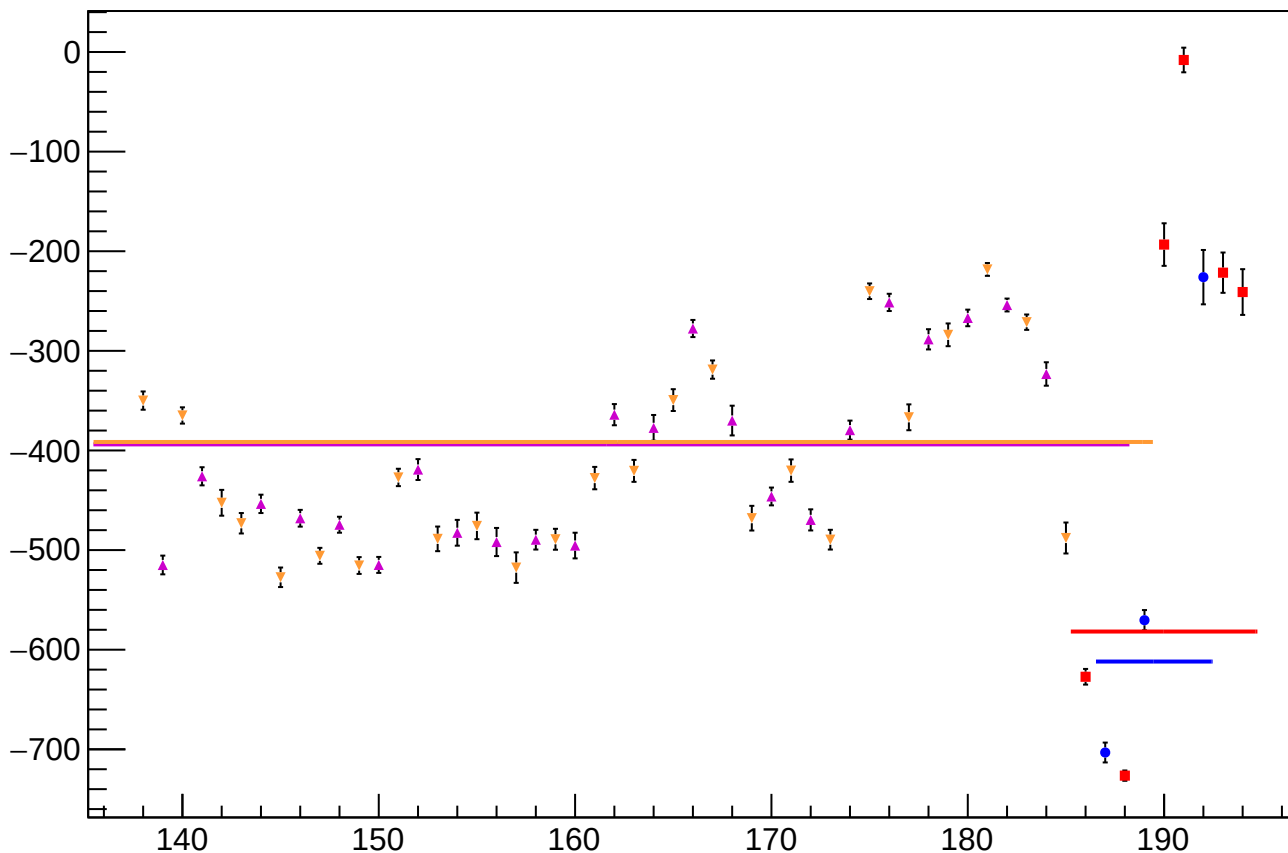
Left In: -19.068 ± 0.024 $\chi^2/\text{NDF}: 92702.3/22$

+ sign -20.732 ± 0.021 $\chi^2/\text{NDF}: 233337.3/44$

All: -20.206 ± 0.015 $\chi^2/\text{NDF}: 598543.9/91$

- sign -19.721 ± 0.021 $\chi^2/\text{NDF}: 364051.9/46$

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -611.890 $\pm$ 6.887 χ^2 /NDF: 300.7/2

Left Out: -391.476 $\pm$ 1.973 χ^2 /NDF: 2708.6/24

Right Out: -581.768 $\pm$ 3.877 χ^2 /NDF: 3834.0/5

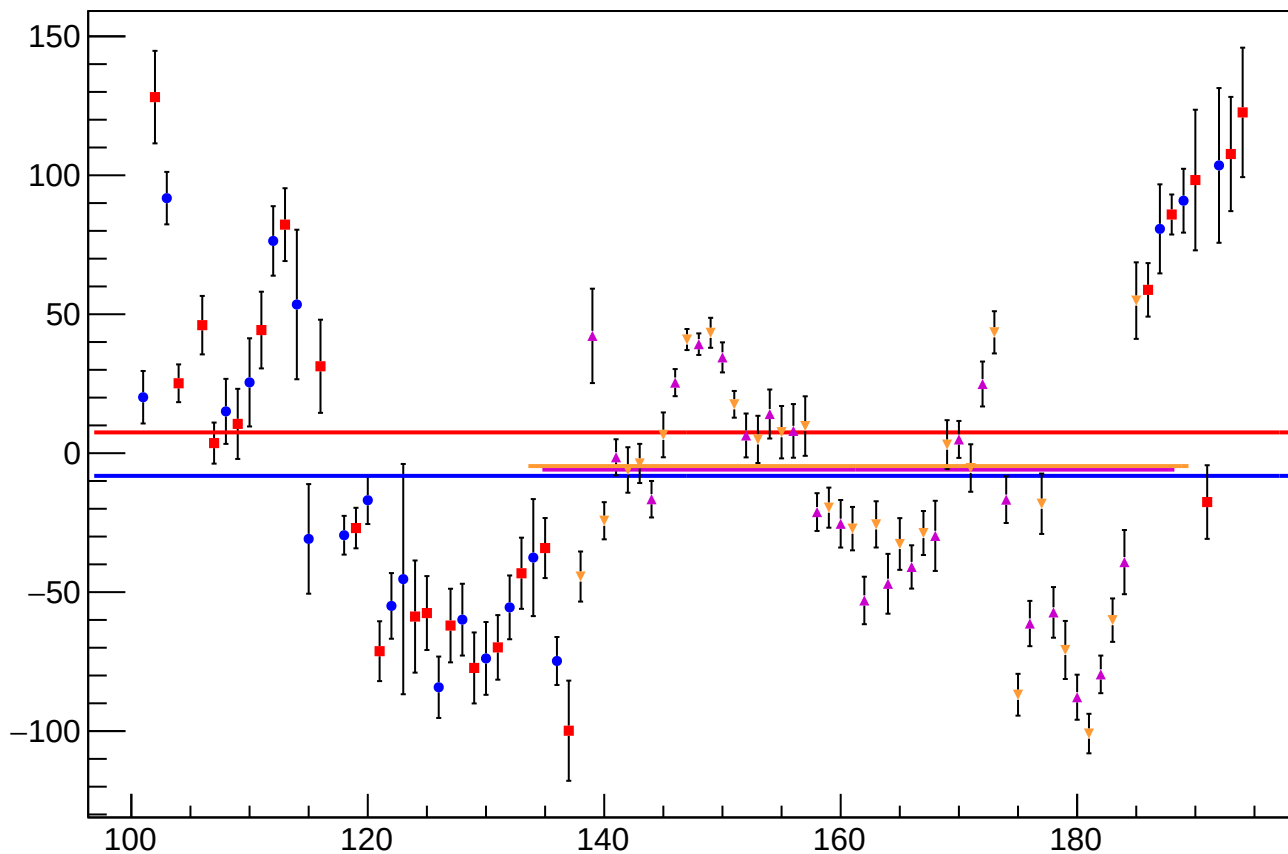
Left In: -393.904 $\pm$ 1.998 χ^2 /NDF: 2280.8/22

+ sign -408.188 $\pm$ 1.896 χ^2 /NDF: 3956.0/27

All: -421.581 $\pm$ 1.296 χ^2 /NDF: 12020.0/56

- sign -433.327 $\pm$ 1.776 χ^2 /NDF: 7970.4/28

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -8.161 ± 2.653 $\chi^2/\text{NDF}: 497.0/19$

Left Out: -4.635 ± 1.467 $\chi^2/\text{NDF}: 771.4/24$

Right Out: 7.480 ± 2.309 $\chi^2/\text{NDF}: 618.7/23$

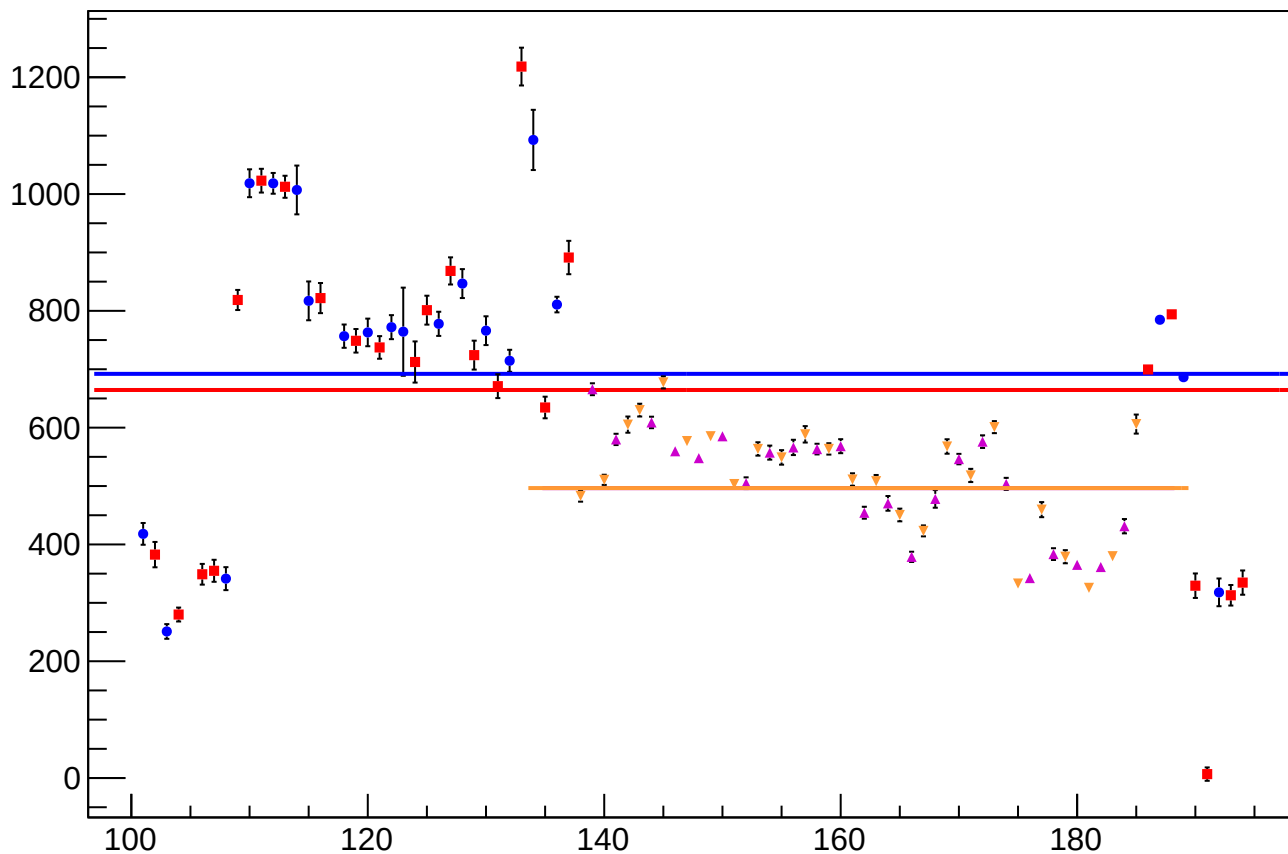
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -5.461 ± 1.284 $\chi^2/\text{NDF}: 1269.8/44$

All: -3.646 ± 0.901 $\chi^2/\text{NDF}: 2573.4/91$

- sign -1.883 ± 1.266 $\chi^2/\text{NDF}: 1299.7/46$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 692.105 ± 3.778 χ^2/NDF : 2973.6/19

Left Out: 496.535 ± 1.971 χ^2/NDF : 2589.1/24

Right Out: 664.481 ± 2.648 χ^2/NDF : 8281.4/23

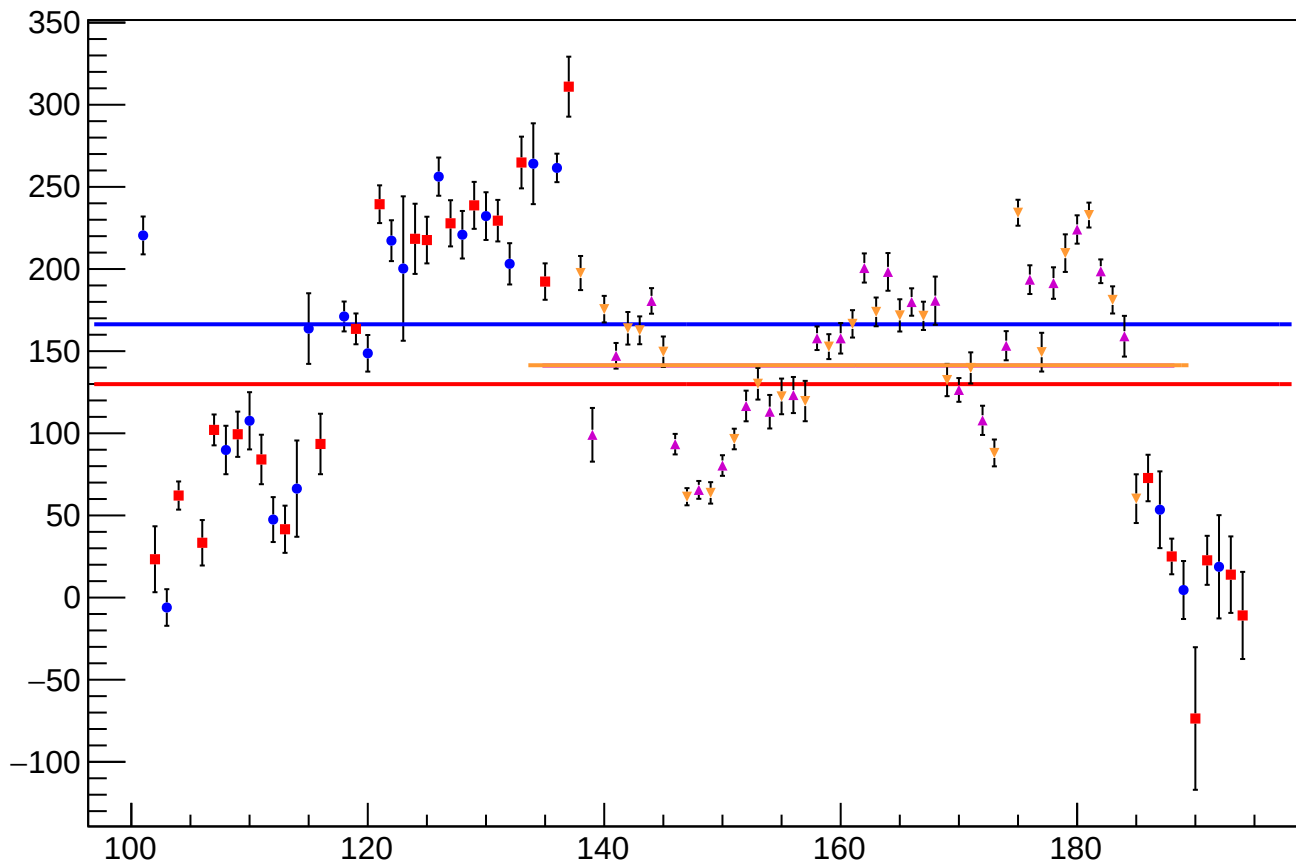
Left In: 496.393 ± 1.985 χ^2/NDF : 2295.8/22

+ sign 538.373 ± 1.748 χ^2/NDF : 7668.7/44

All: 548.504 ± 1.176 χ^2/NDF : 20886.1/91

- sign 556.875 ± 1.589 χ^2/NDF : 13156.0/46

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 166.359 $\pm$ 3.108 χ^2 /NDF: 775.7/19

Left Out: 141.430 $\pm$ 1.704 χ^2 /NDF: 957.7/24

Right Out: 129.926 $\pm$ 2.780 χ^2 /NDF: 971.6/23

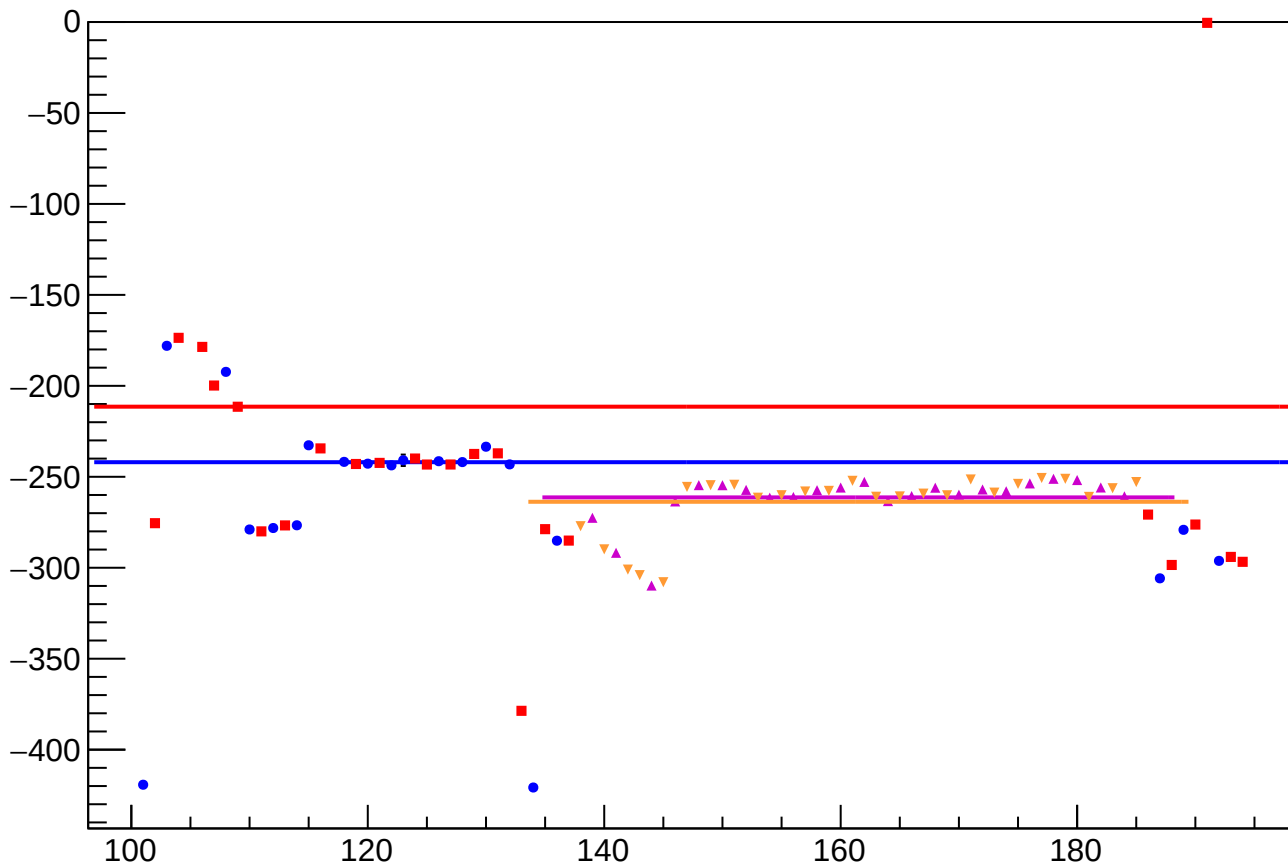
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ sign 147.193 $\pm$ 1.494 χ^2 /NDF: 1782.9/44

All: 142.570 $\pm$ 1.051 χ^2 /NDF: 3529.5/91

- sign 138.052 $\pm$ 1.477 χ^2 /NDF: 1727.6/46

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -241.976+/-0.154 χ^2/NDF : 174997.8/19

Left Out: -263.734+/-0.081 χ^2/NDF : 37922.0/24

Right Out: -211.455+/-0.132 χ^2/NDF : 424458.5/23

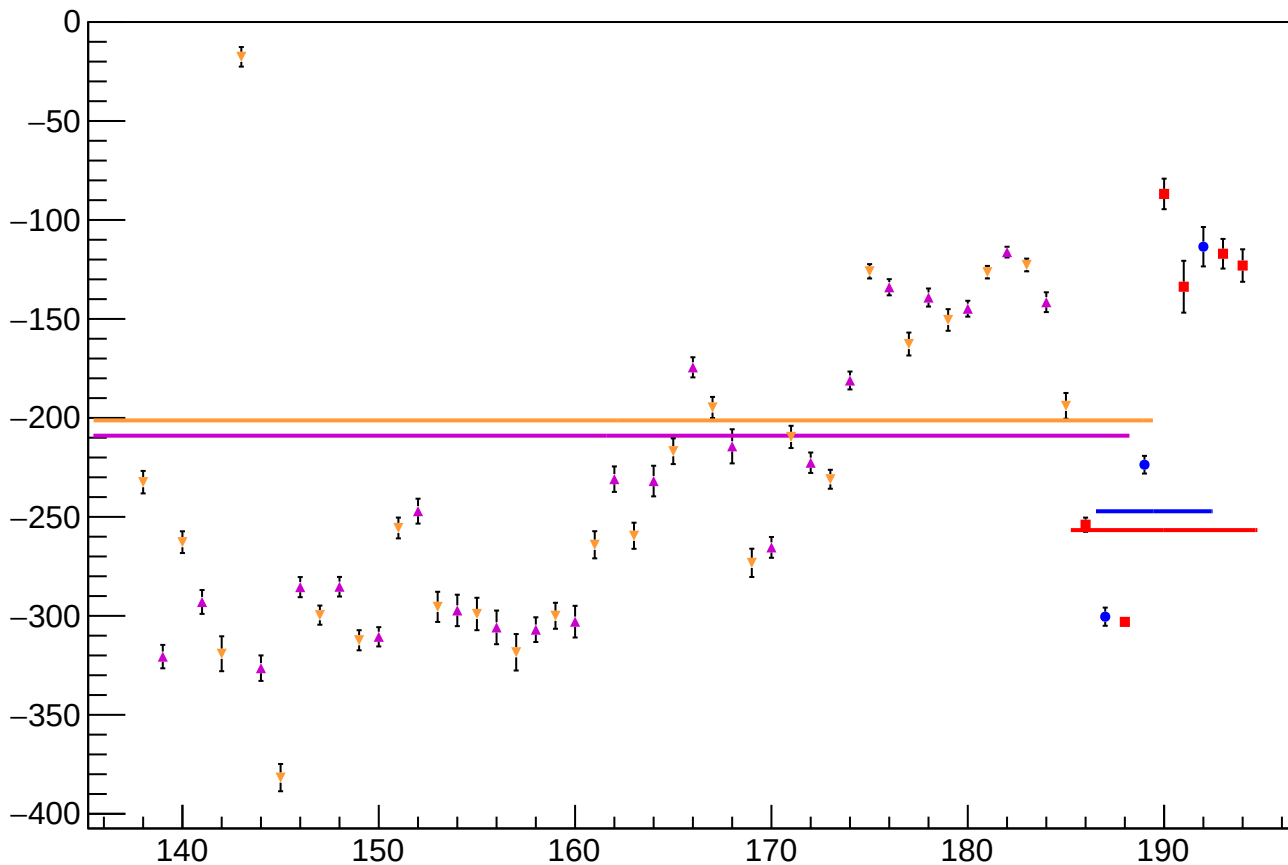
Left In: -261.325+/-0.082 χ^2/NDF : 23449.2/22

+ sign -258.978+/-0.072 χ^2/NDF : 228512.1/44

All: -253.029+/-0.050 χ^2/NDF : 793001.7/91

- sign -247.501+/-0.069 χ^2/NDF : 551324.0/46

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -247.165 ± 3.048 χ^2/NDF : 342.3/2

Left Out: -201.261 ± 1.065 χ^2/NDF : 6110.1/24

Right Out: -256.675 ± 1.794 χ^2/NDF : 1568.2/5

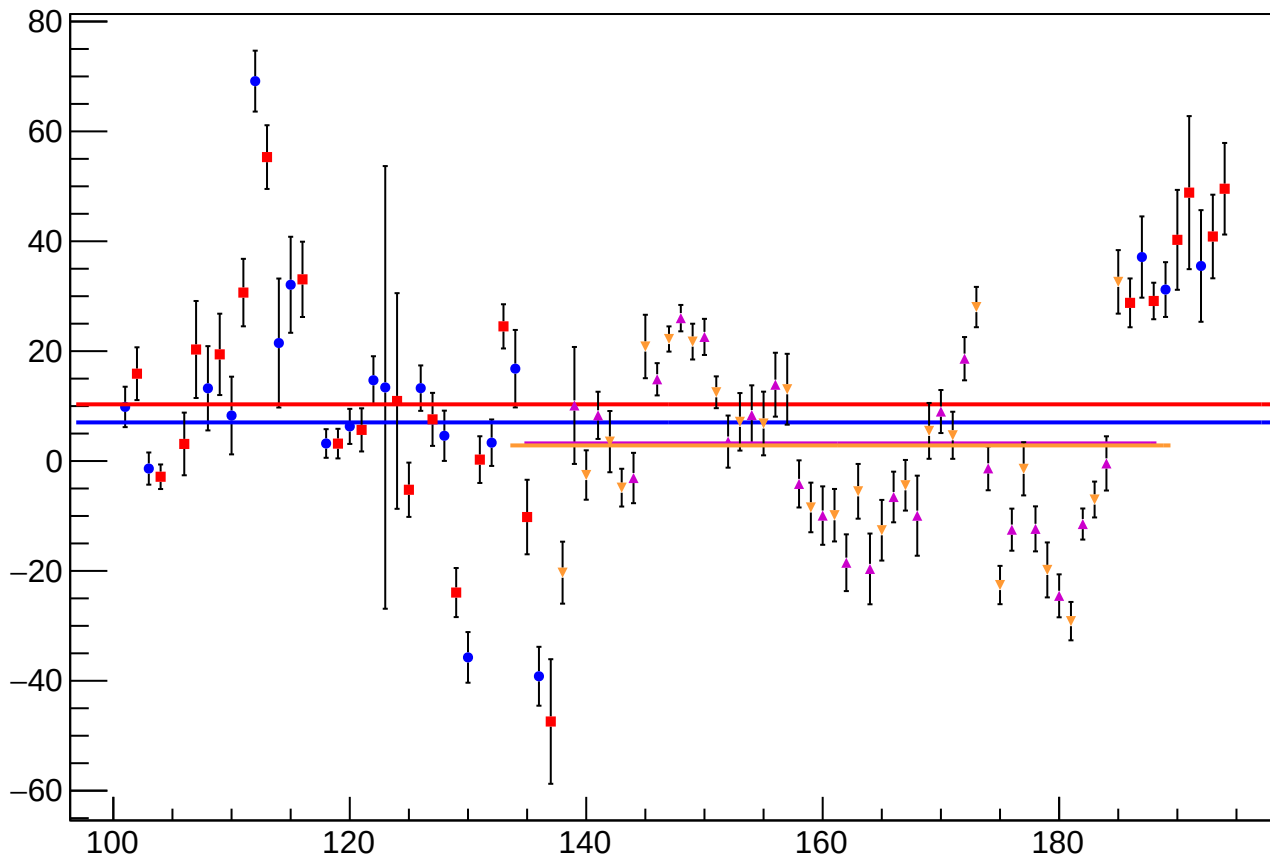
Left In: -208.981 ± 1.078 χ^2/NDF : 4865.2/22

+ sign -206.258 ± 1.006 χ^2/NDF : 6654.5/27

All: -214.600 ± 0.680 χ^2/NDF : 13734.2/56

- sign -221.641 ± 0.924 χ^2/NDF : 6952.8/28

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 7.030 ± 1.048 $\chi^2/\text{NDF}: 363.7/19$

Left Out: 2.841 ± 0.824 $\chi^2/\text{NDF}: 420.6/24$

Right Out: 10.319 ± 0.972 $\chi^2/\text{NDF}: 359.4/23$

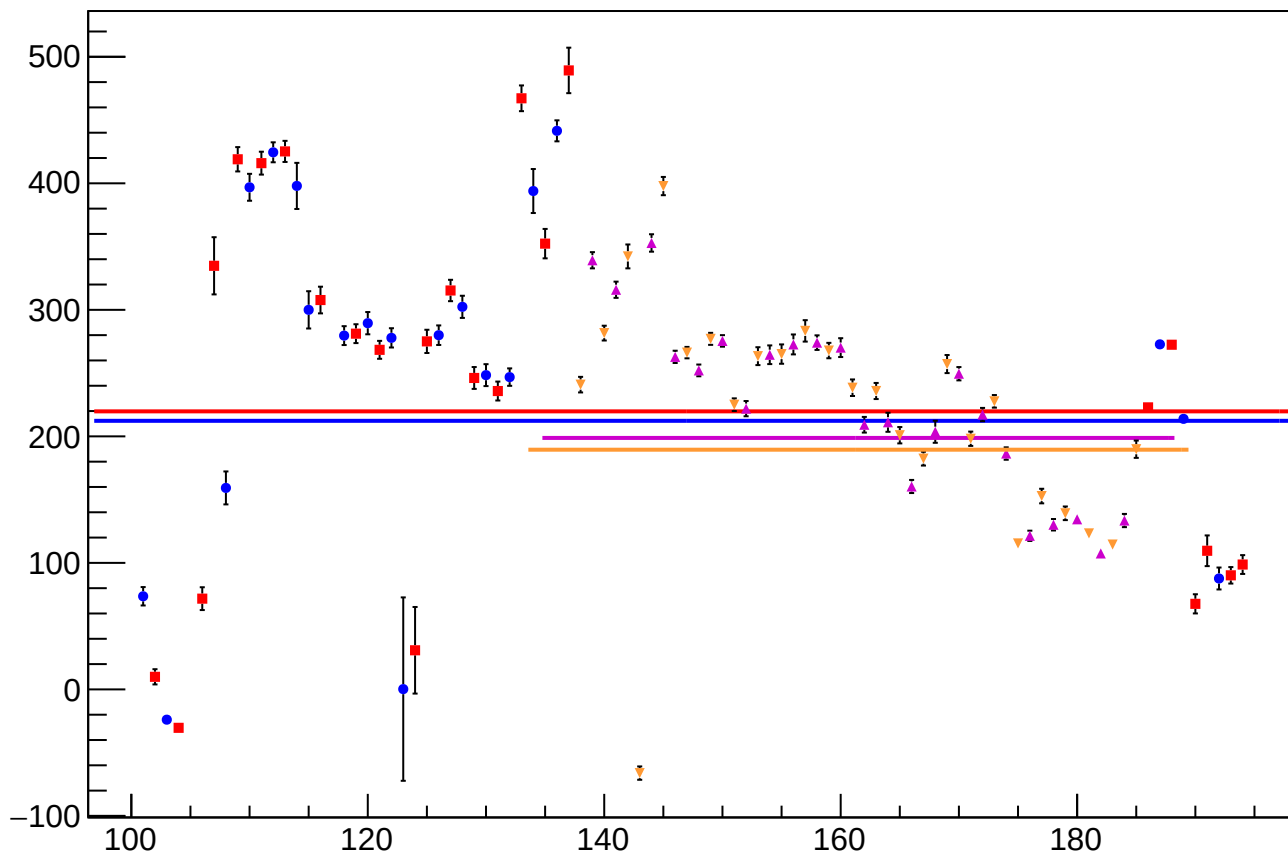
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 4.442 ± 0.648 $\chi^2/\text{NDF}: 794.2/44$

All: 5.384 ± 0.456 $\chi^2/\text{NDF}: 1511.8/91$

- sign 6.308 ± 0.642 $\chi^2/\text{NDF}: 713.4/46$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 212.280 $\pm$ 1.560 χ^2/NDF : 7246.2/19

Left Out: 189.453 $\pm$ 1.070 χ^2/NDF : 6649.7/24

Right Out: 219.761 $\pm$ 1.170 χ^2/NDF : 10233.6/23

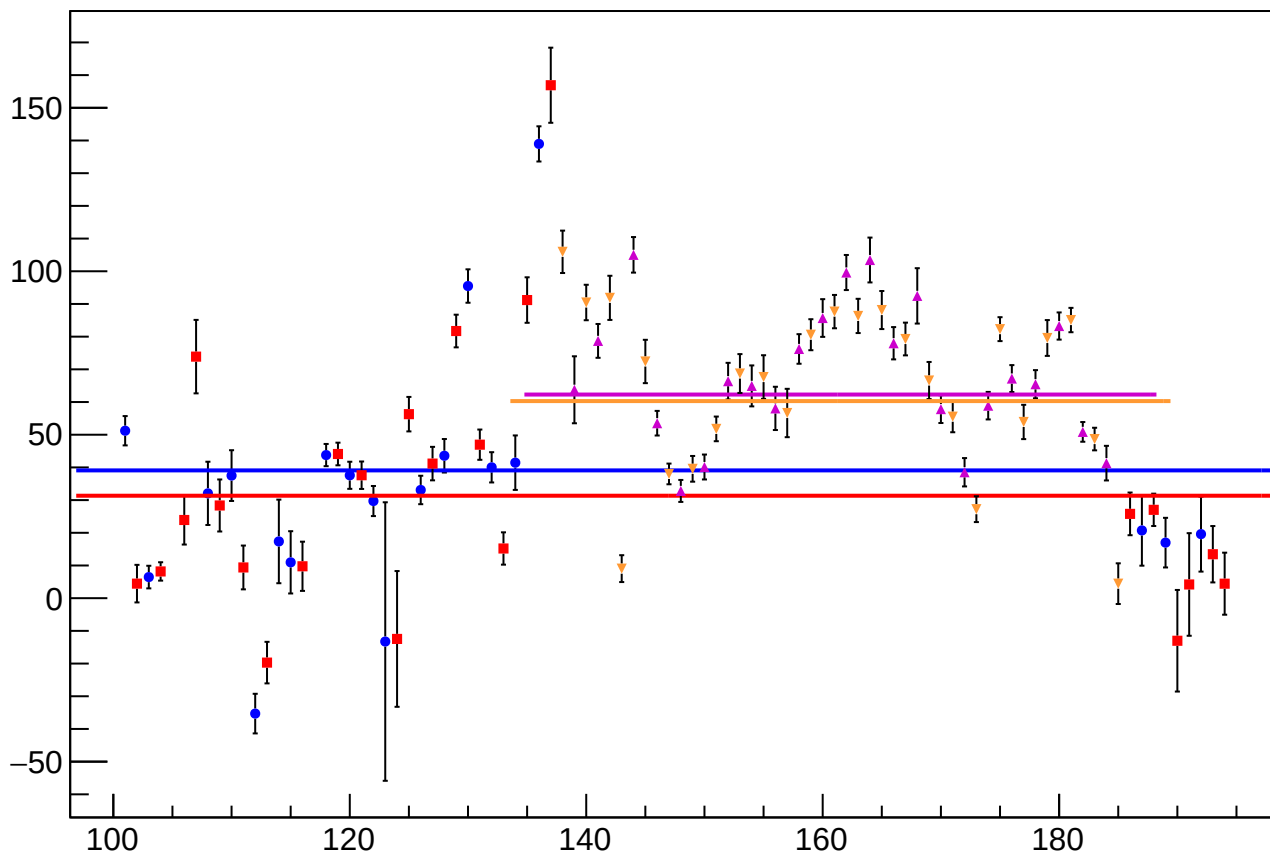
Left In: 198.762 $\pm$ 1.078 χ^2/NDF : 4590.0/22

+ sign 196.752 $\pm$ 0.882 χ^2/NDF : 14041.4/44

All: 203.195 $\pm$ 0.590 χ^2/NDF : 29135.6/91

- sign 208.398 $\pm$ 0.793 χ^2/NDF : 14997.8/46

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 39.088 ± 1.235 $\chi^2/\text{NDF}: 750.0/19$

Left Out: 60.287 ± 0.945 $\chi^2/\text{NDF}: 714.8/24$

Right Out: 31.342 ± 1.168 $\chi^2/\text{NDF}: 577.2/23$

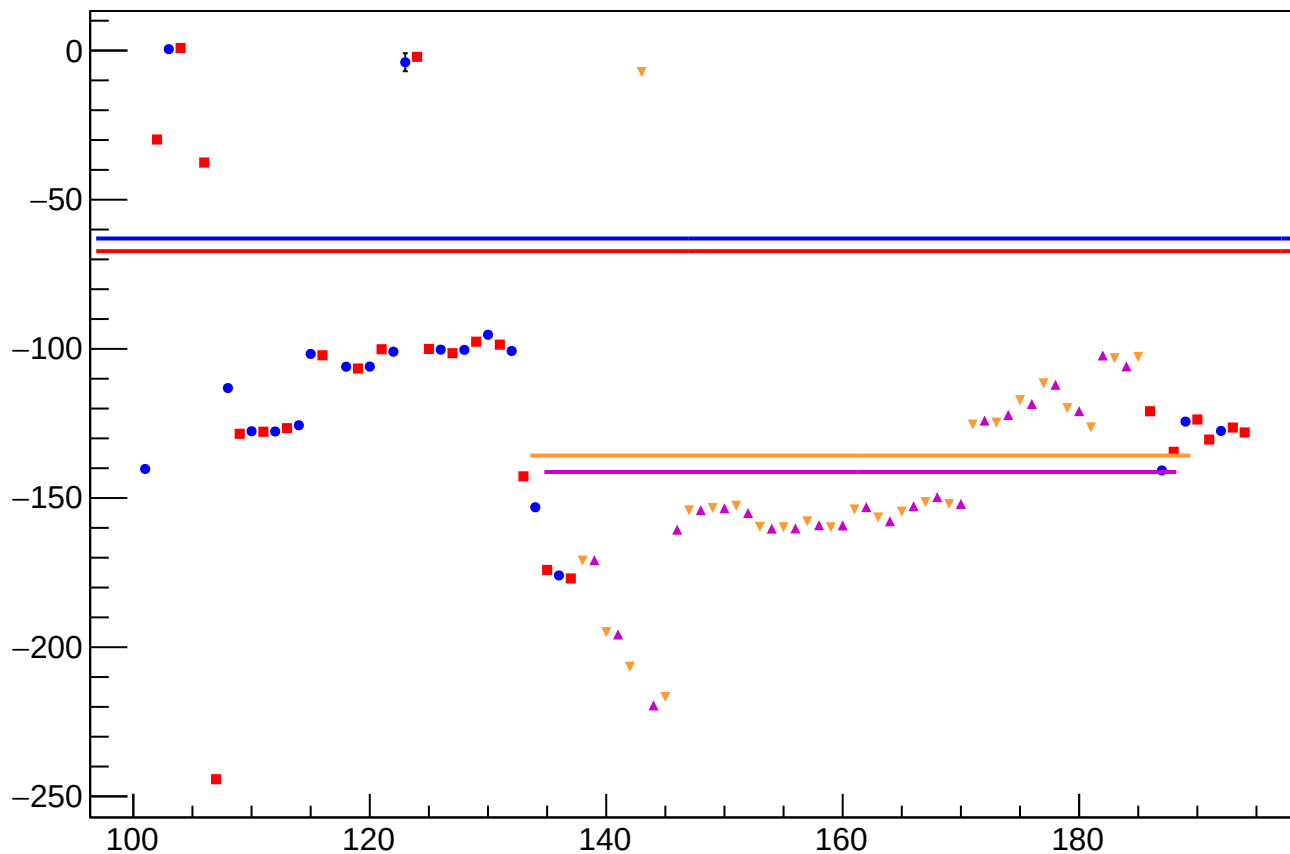
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 52.456 ± 0.750 $\chi^2/\text{NDF}: 1650.7/44$

All: 51.043 ± 0.529 $\chi^2/\text{NDF}: 3061.5/91$

- sign 49.644 ± 0.747 $\chi^2/\text{NDF}: 1403.8/46$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -63.000 ± 0.059 $\chi^2/\text{NDF}: 1195107.8/19$

Left Out: -135.775 ± 0.045 $\chi^2/\text{NDF}: 742021.1/24$

Right Out: -67.240 ± 0.055 $\chi^2/\text{NDF}: 1255523.0/23$

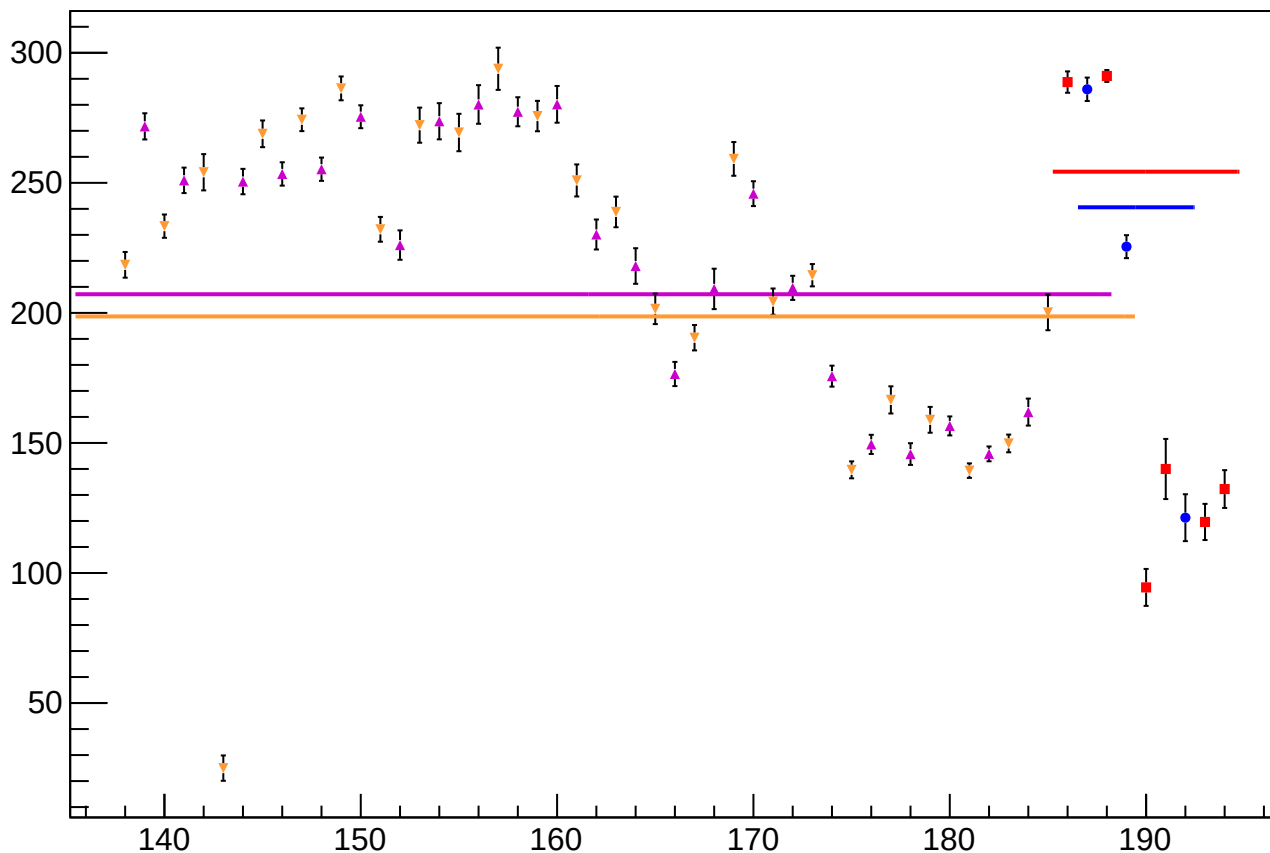
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -109.481 ± 0.036 $\chi^2/\text{NDF}: 2896020.0/44$

All: -110.497 ± 0.025 $\chi^2/\text{NDF}: 5587028.1/91$

- sign -111.467 ± 0.035 $\chi^2/\text{NDF}: 2689424.8/46$

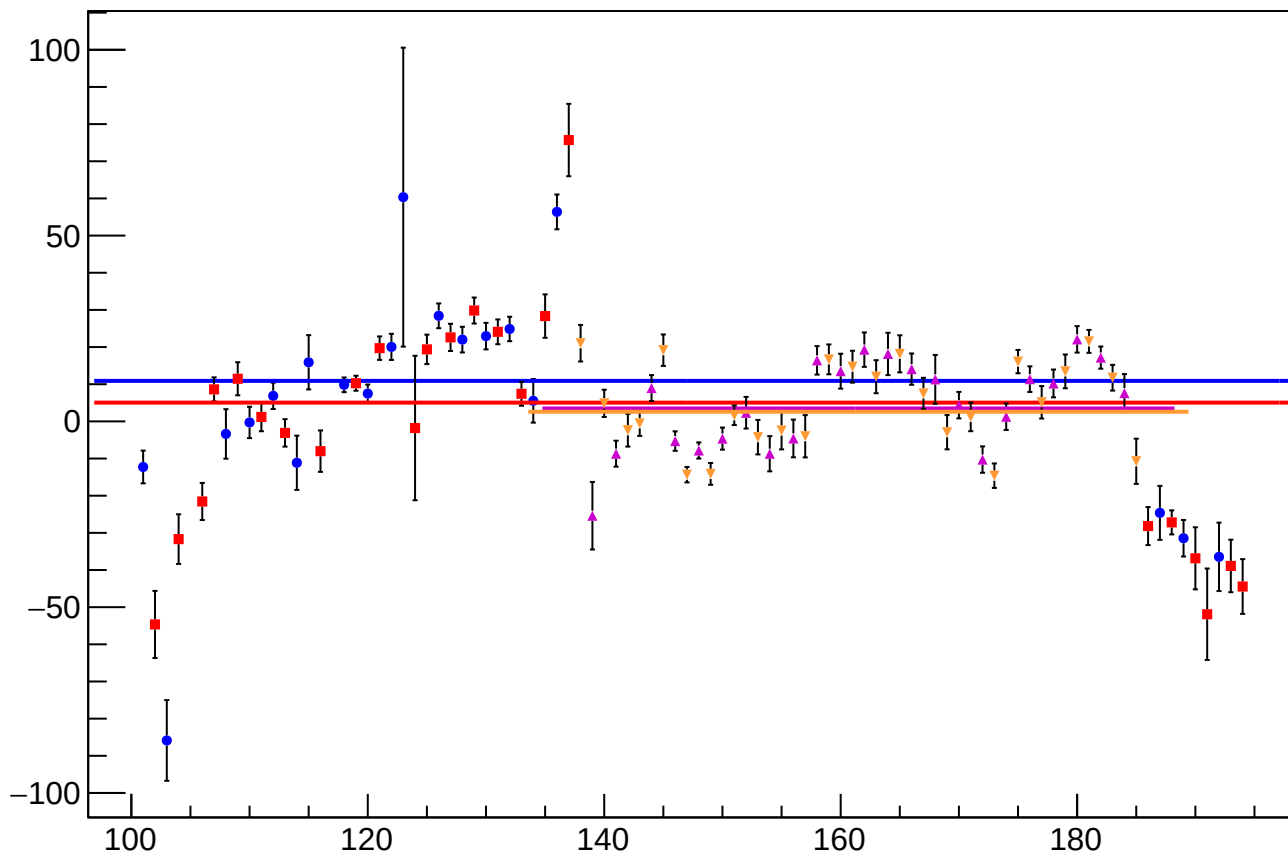
reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 240.604 ± 2.976 $\chi^2/\text{NDF}: 288.5/2$
 Left Out: 198.637 ± 0.966 $\chi^2/\text{NDF}: 4146.6/24$
 Right Out: 254.291 ± 1.771 $\chi^2/\text{NDF}: 1592.8/5$
 Left In: 207.171 ± 0.986 $\chi^2/\text{NDF}: 2631.6/22$

+ sign 202.639 ± 0.919 $\chi^2/\text{NDF}: 4615.0/27$
 All: 210.983 ± 0.629 $\chi^2/\text{NDF}: 9534.4/56$
 - sign 218.316 ± 0.862 $\chi^2/\text{NDF}: 4764.5/28$

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 10.900 ± 0.893 $\chi^2/\text{NDF}: 427.3/19$

Left Out: 2.595 ± 0.744 $\chi^2/\text{NDF}: 274.3/24$

Right Out: 5.048 ± 0.850 $\chi^2/\text{NDF}: 605.4/23$

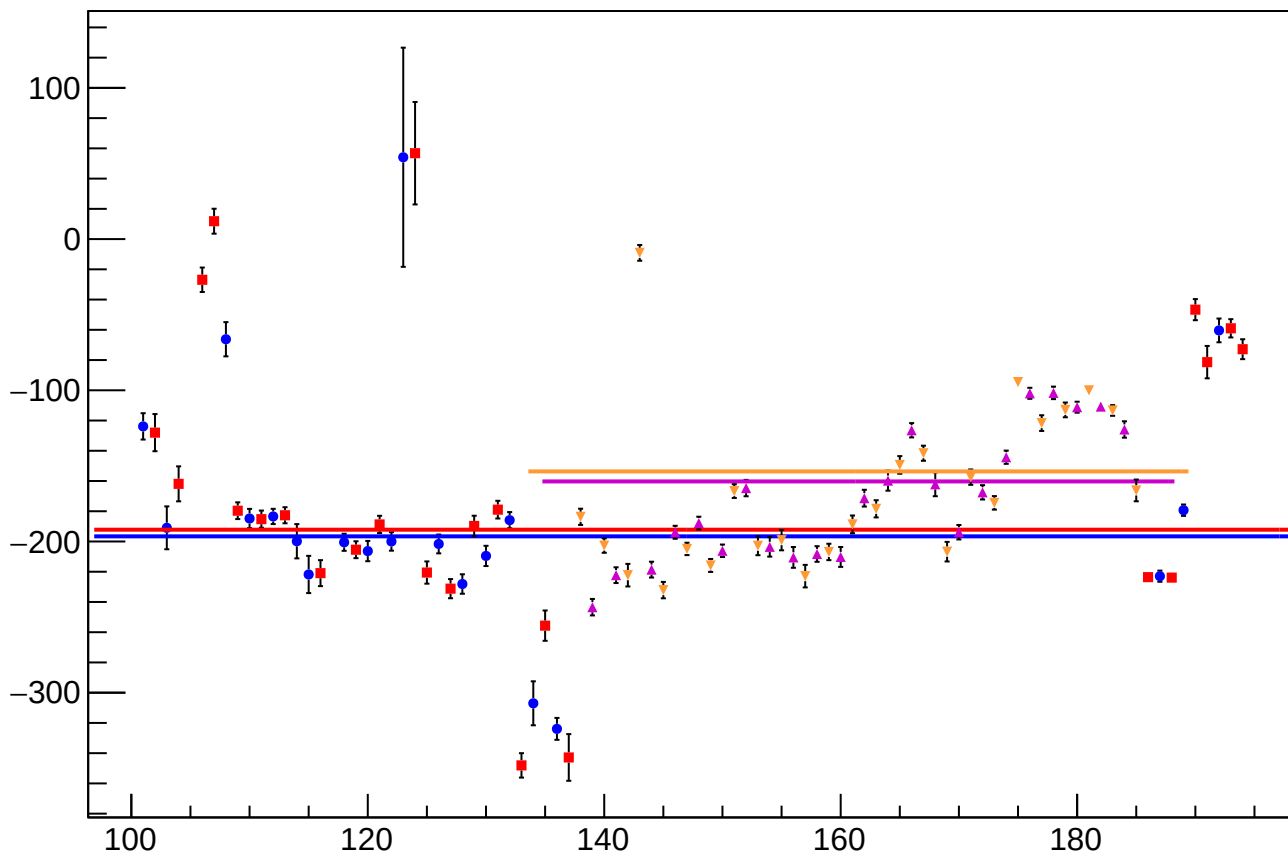
Left In: 3.478 ± 0.772 $\chi^2/\text{NDF}: 194.7/22$

+ sign 5.999 ± 0.572 $\chi^2/\text{NDF}: 752.7/44$

All: 5.093 ± 0.404 $\chi^2/\text{NDF}: 1559.6/91$

- sign 4.187 ± 0.572 $\chi^2/\text{NDF}: 801.9/46$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -196.603 ± 1.449 χ^2/NDF : 1003.8/19

Left Out: -153.649 ± 0.970 χ^2/NDF : 2930.9/24

Right Out: -192.204 ± 1.109 χ^2/NDF : 3456.3/23

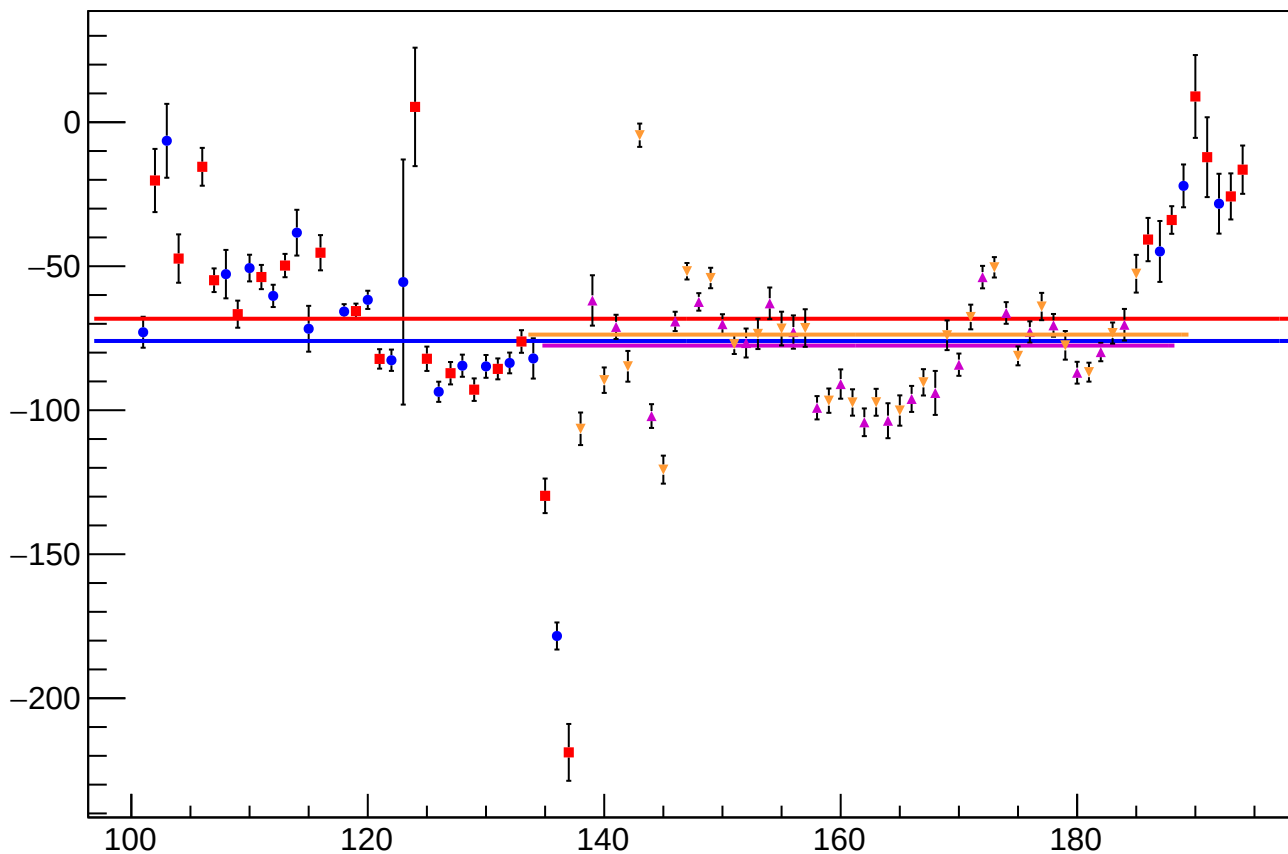
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -166.936 ± 0.806 χ^2/NDF : 4541.4/44

All: -170.980 ± 0.544 χ^2/NDF : 10556.7/91

- sign -174.356 ± 0.736 χ^2/NDF : 5969.0/46

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -75.954 ± 1.044 χ^2/NDF : 743.6/19

Left Out: -73.741 ± 0.855 χ^2/NDF : 728.3/24

Right Out: -68.237 ± 1.000 χ^2/NDF : 793.0/23

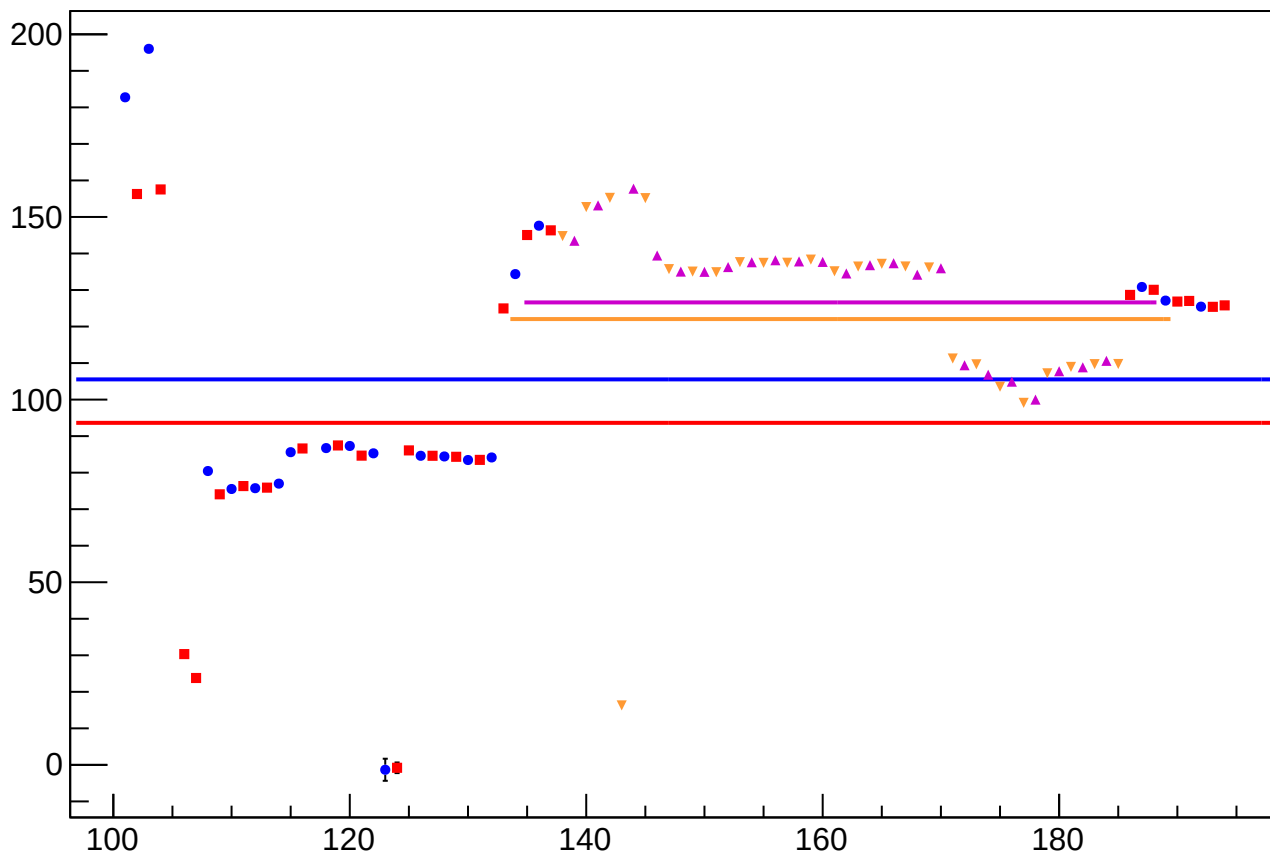
Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

+ sign -74.629 ± 0.661 χ^2/NDF : 1474.5/44

All: -74.055 ± 0.467 χ^2/NDF : 2570.6/91

- sign -73.482 ± 0.661 χ^2/NDF : 1094.6/46

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 105.532 $\pm$ 0.067 χ^2/NDF : 284876.7/19

Left Out: 122.046 $\pm$ 0.040 χ^2/NDF : 437985.3/24

Right Out: 93.636 $\pm$ 0.057 χ^2/NDF : 506350.4/23

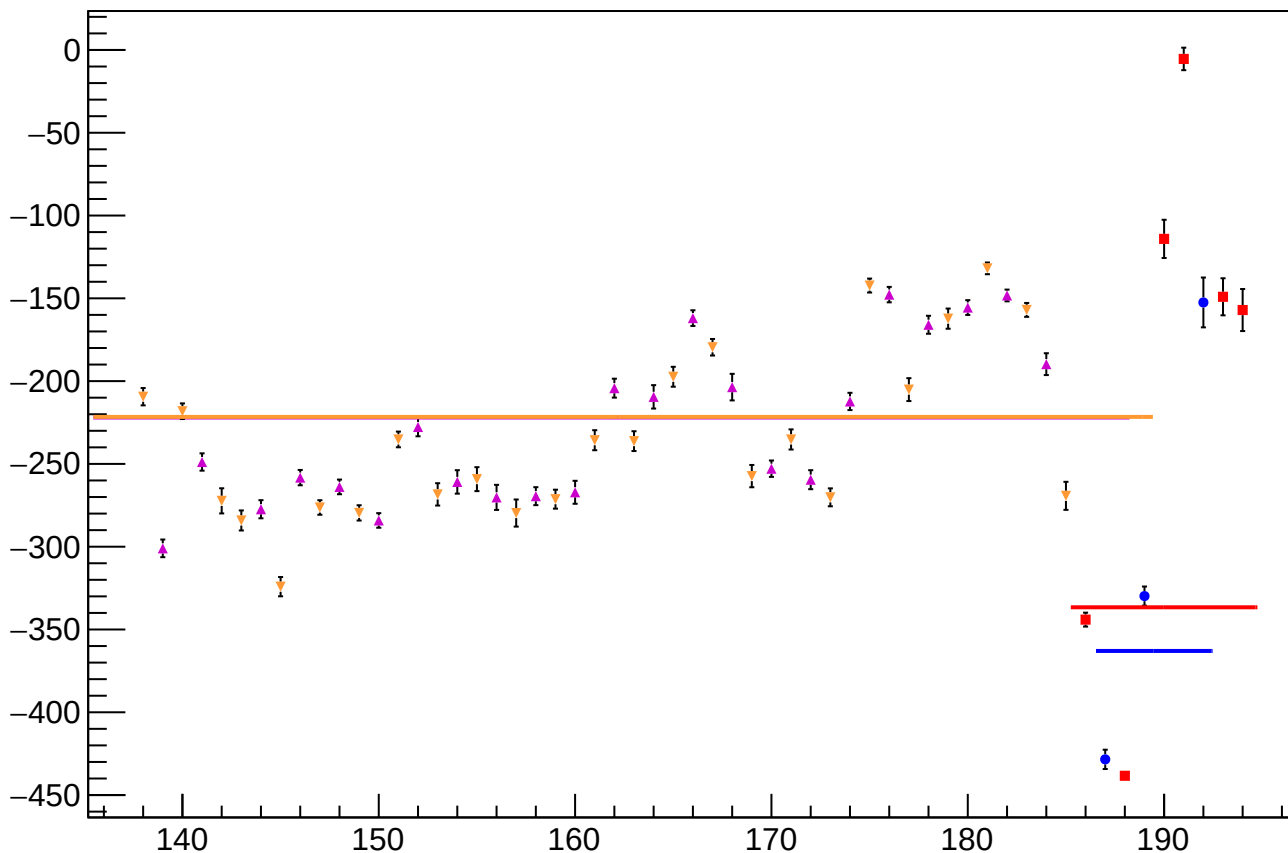
Left In: 126.605 $\pm$ 0.041 χ^2/NDF : 164757.9/22

+ sign 117.615 $\pm$ 0.035 χ^2/NDF : 767628.5/44

All: 116.425 $\pm$ 0.024 χ^2/NDF : 1663336.0/91

- sign 115.330 $\pm$ 0.033 χ^2/NDF : 893433.2/46

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -362.957 ± 3.957 $\chi^2/\text{NDF}: 354.7/2$

Left Out: -221.606 ± 1.087 $\chi^2/\text{NDF}: 2565.8/24$

Right Out: -336.596 ± 2.191 $\chi^2/\text{NDF}: 4351.9/5$

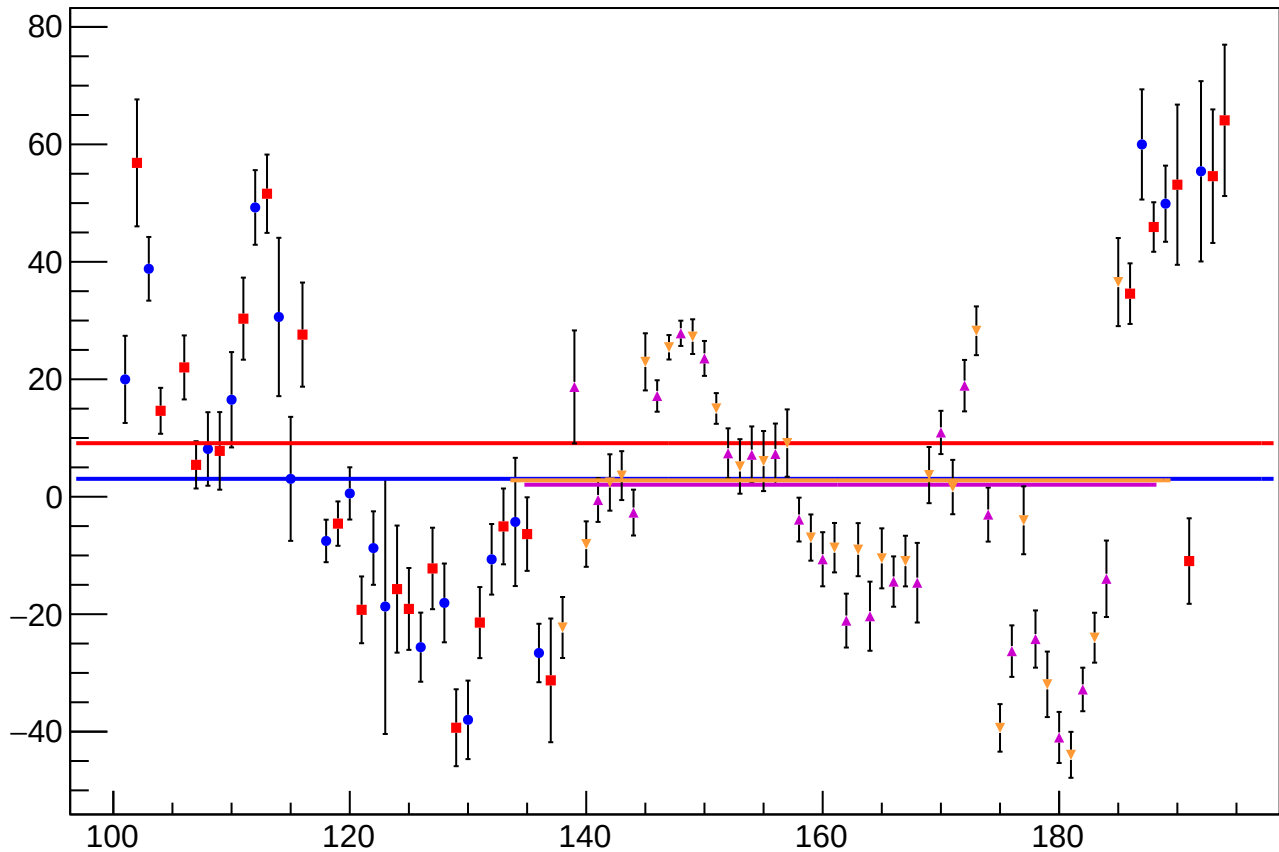
Left In: -221.980 ± 1.098 $\chi^2/\text{NDF}: 2190.6/22$

+ sign -231.528 ± 1.048 $\chi^2/\text{NDF}: 4106.9/27$

All: -238.701 ± 0.717 $\chi^2/\text{NDF}: 12924.4/56$

- sign -244.991 ± 0.982 $\chi^2/\text{NDF}: 8729.6/28$

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 3.049 ± 1.449 $\chi^2/\text{NDF}: 335.8/19$

Left Out: 2.800 ± 0.810 $\chi^2/\text{NDF}: 685.5/24$

Right Out: 9.118 ± 1.250 $\chi^2/\text{NDF}: 409.9/23$

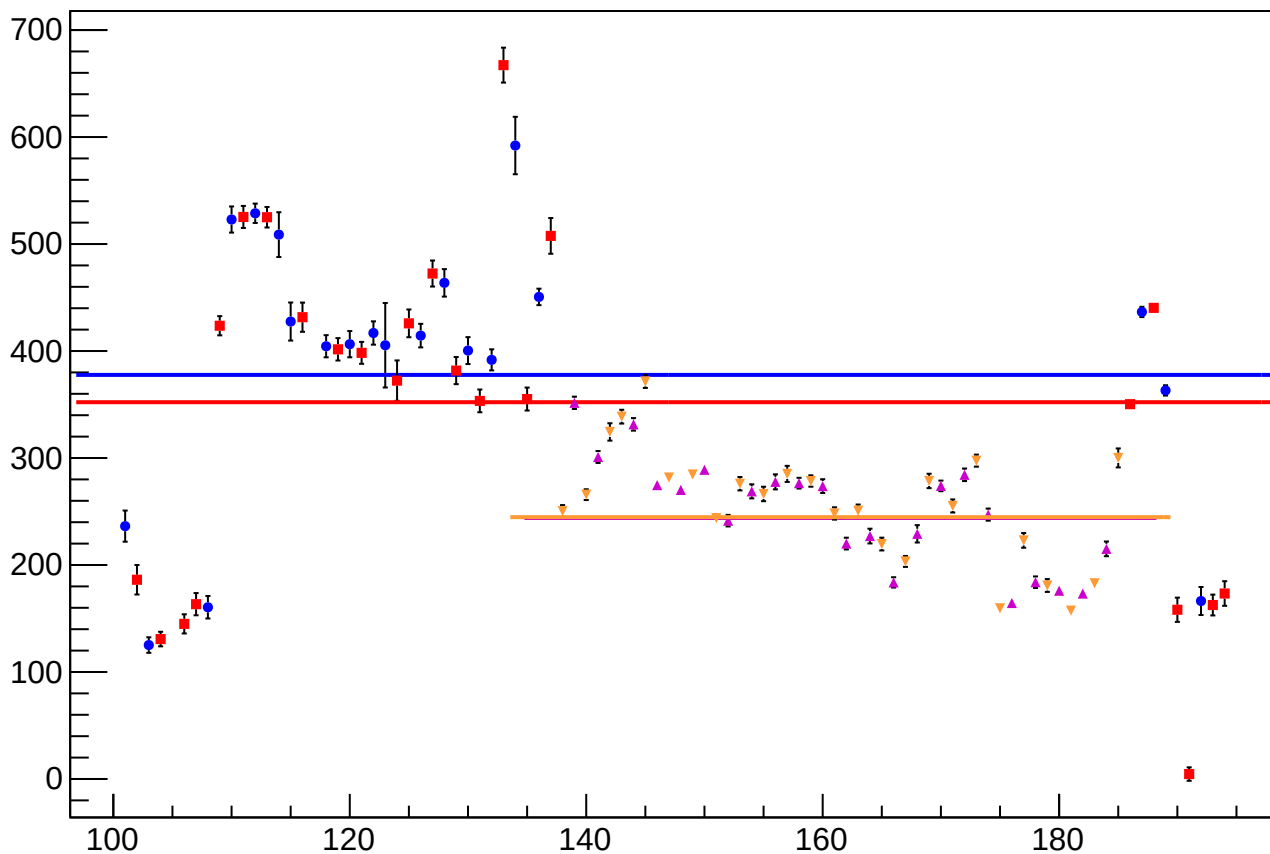
Left In: 2.050 ± 0.833 $\chi^2/\text{NDF}: 592.6/22$

+ sign 2.859 ± 0.707 $\chi^2/\text{NDF}: 1021.3/44$

All: 3.554 ± 0.495 $\chi^2/\text{NDF}: 2047.9/91$

- sign 4.223 ± 0.693 $\chi^2/\text{NDF}: 1024.7/46$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 377.685 ± 2.116 $\chi^2/\text{NDF}: 2857.3/19$

Left Out: 244.716 ± 1.085 $\chi^2/\text{NDF}: 2565.7/24$

Right Out: 352.166 ± 1.475 $\chi^2/\text{NDF}: 8681.8/23$

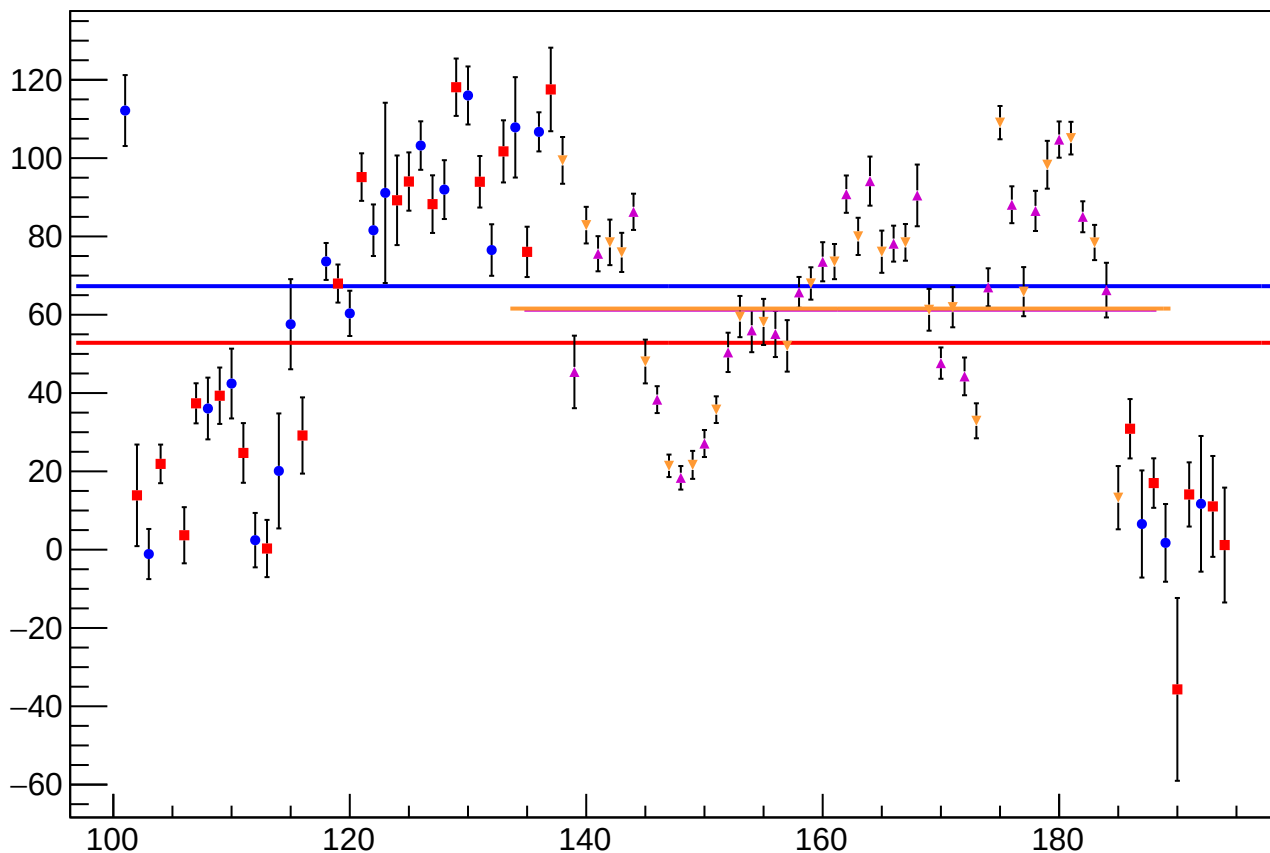
Left In: 243.933 ± 1.090 $\chi^2/\text{NDF}: 2294.8/22$

+ sign 272.389 ± 0.965 $\chi^2/\text{NDF}: 8551.4/44$

All: 277.754 ± 0.649 $\chi^2/\text{NDF}: 23068.2/91$

- sign 282.181 ± 0.877 $\chi^2/\text{NDF}: 14460.4/46$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 67.297 $\pm$ 1.695 χ^2 /NDF: 504.8/19

Left Out: 61.575 $\pm$ 0.939 χ^2 /NDF:870.3/24

Right Out: 52.834 $\pm$ 1.500 χ^2 /NDF: 607.6/23

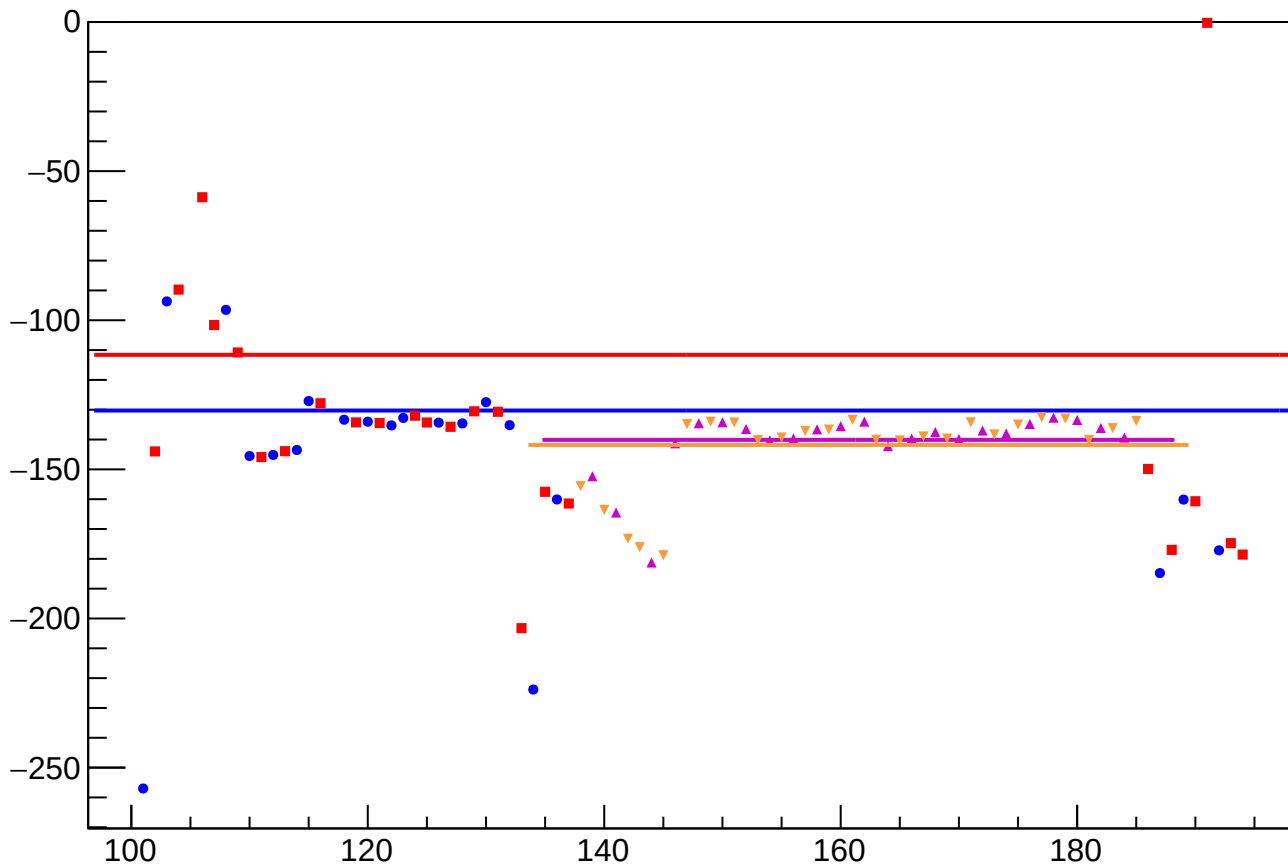
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF:702.8/22

+ sign 62.918 $\pm$ 0.821 χ^2 /NDF: 1383.8/44

All: 60.843 $\pm$ 0.576 χ^2 /NDF: 2729.3/91

- sign 58.835 $\pm$ 0.808 χ^2 /NDF: 1333.0/46

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -130.270 ± 0.086 $\chi^2/\text{NDF}: 185041.5/19$

Left Out: -141.811 ± 0.045 $\chi^2/\text{NDF}: 77727.6/24$

Right Out: -111.604 ± 0.072 $\chi^2/\text{NDF}: 505905.3/23$

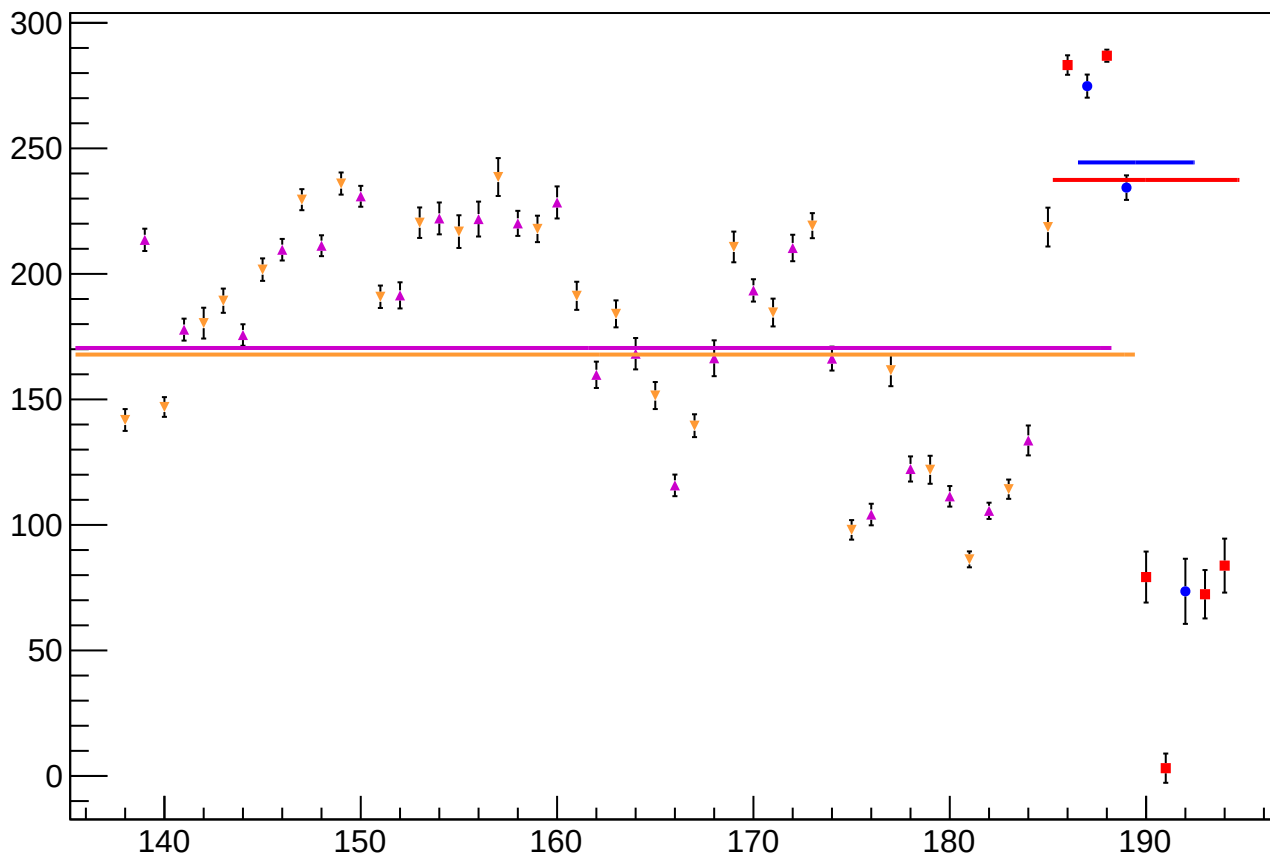
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -139.350 ± 0.040 $\chi^2/\text{NDF}: 276915.0/44$

All: -135.628 ± 0.028 $\chi^2/\text{NDF}: 960210.8/91$

- sign -132.205 ± 0.038 $\chi^2/\text{NDF}: 666460.3/46$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 244.404 $\pm$ 3.244 χ^2 /NDF: 221.3/2

Left Out: 167.868 $\pm$ 0.973 χ^2 /NDF:2465.4/24

Right Out: 237.429 $\pm$ 1.835 χ^2 /NDF: 2918.7/5

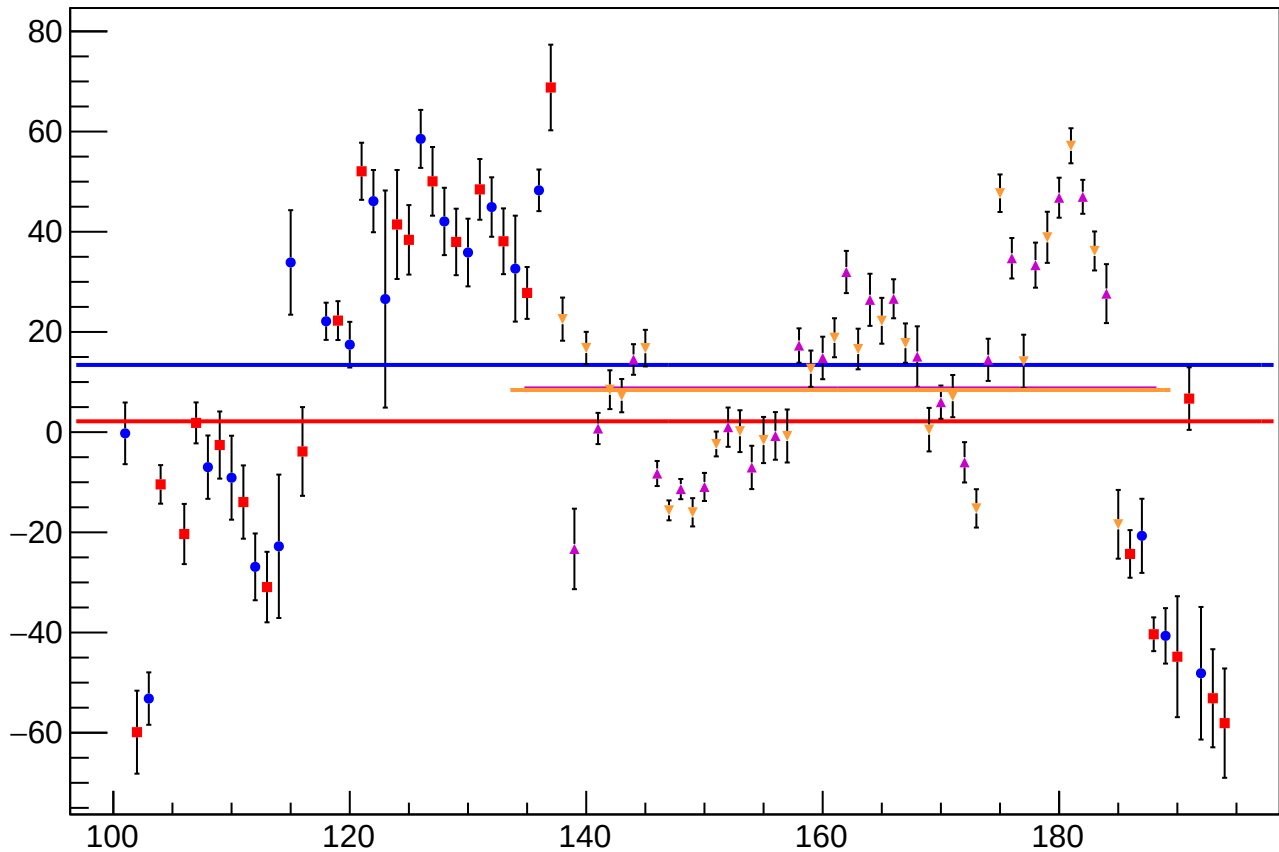
Left In: 170.487 $\pm$ 0.991 χ^2 /NDF:2036.5/22

+ sign 174.190 $\pm$ 0.932 χ^2 /NDF: 3197.3/27

All: 180.278 $\pm$ 0.637 χ^2 /NDF: 9262.6/56

- sign 185.605 $\pm$ 0.872 χ^2 /NDF: 5985.3/28

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 13.415 ± 1.396 $\chi^2/\text{NDF}: 595.9/19$

Left Out: 8.415 ± 0.731 $\chi^2/\text{NDF}: 750.6/24$

Right Out: 2.164 ± 1.196 $\chi^2/\text{NDF}: 772.1/23$

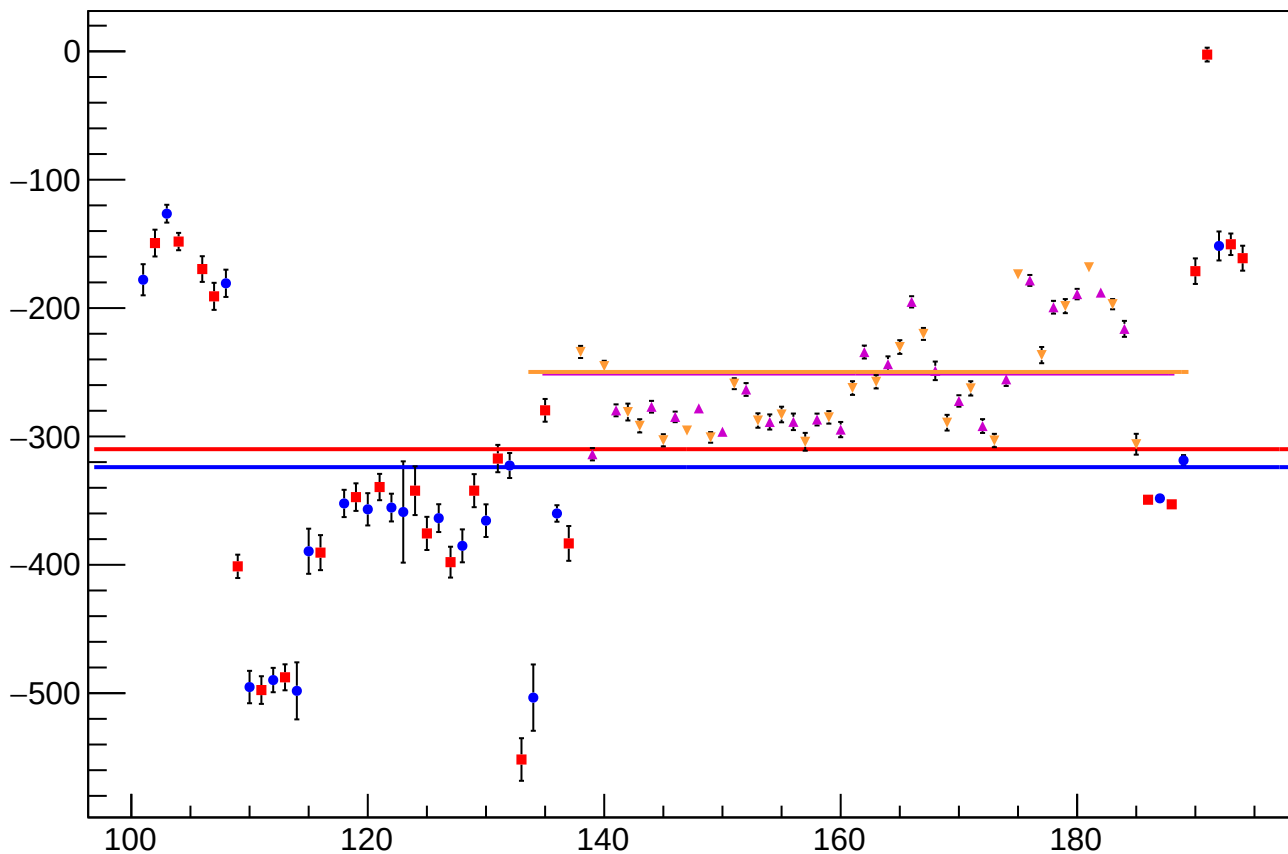
Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

+ sign 9.491 ± 0.648 $\chi^2/\text{NDF}: 1356.5/44$

All: 8.156 ± 0.455 $\chi^2/\text{NDF}: 2788.7/91$

- sign 6.853 ± 0.639 $\chi^2/\text{NDF}: 1423.7/46$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.917 ± 1.893 $\chi^2/\text{NDF}: 2126.9/19$

Left Out: -249.759 ± 0.975 $\chi^2/\text{NDF}: 2232.5/24$

Right Out: -309.925 ± 1.294 $\chi^2/\text{NDF}: 6938.1/23$

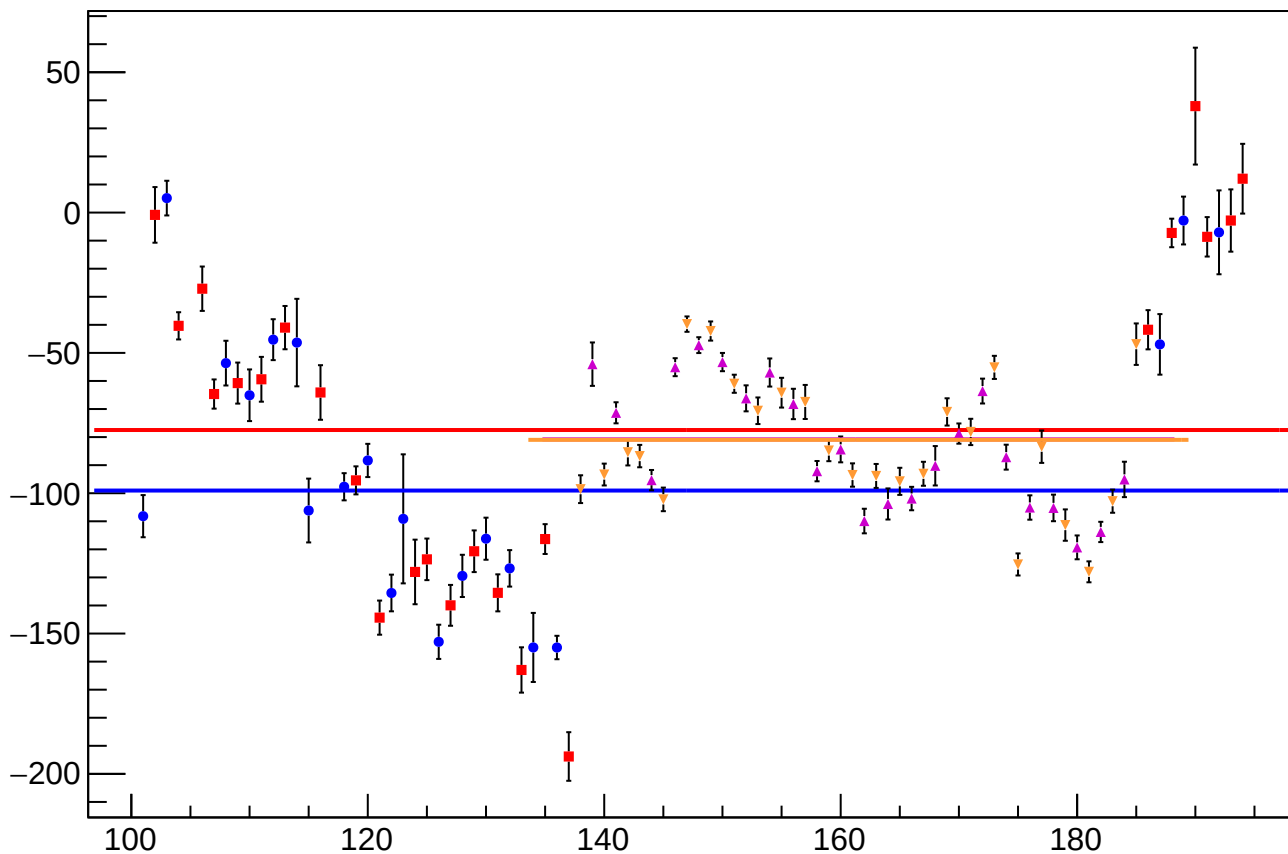
Left In: -251.002 ± 0.987 $\chi^2/\text{NDF}: 1958.3/22$

+ sign -265.307 ± 0.867 $\chi^2/\text{NDF}: 5571.9/44$

All: -269.351 ± 0.582 $\chi^2/\text{NDF}: 15818.8/91$

- sign -272.663 ± 0.785 $\chi^2/\text{NDF}: 10207.3/46$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -99.046 ± 1.632 χ^2/NDF : 939.8/19

Left Out: -80.981 ± 0.846 χ^2/NDF : 911.2/24

Right Out: -77.478 ± 1.442 χ^2/NDF : 1363.0/23

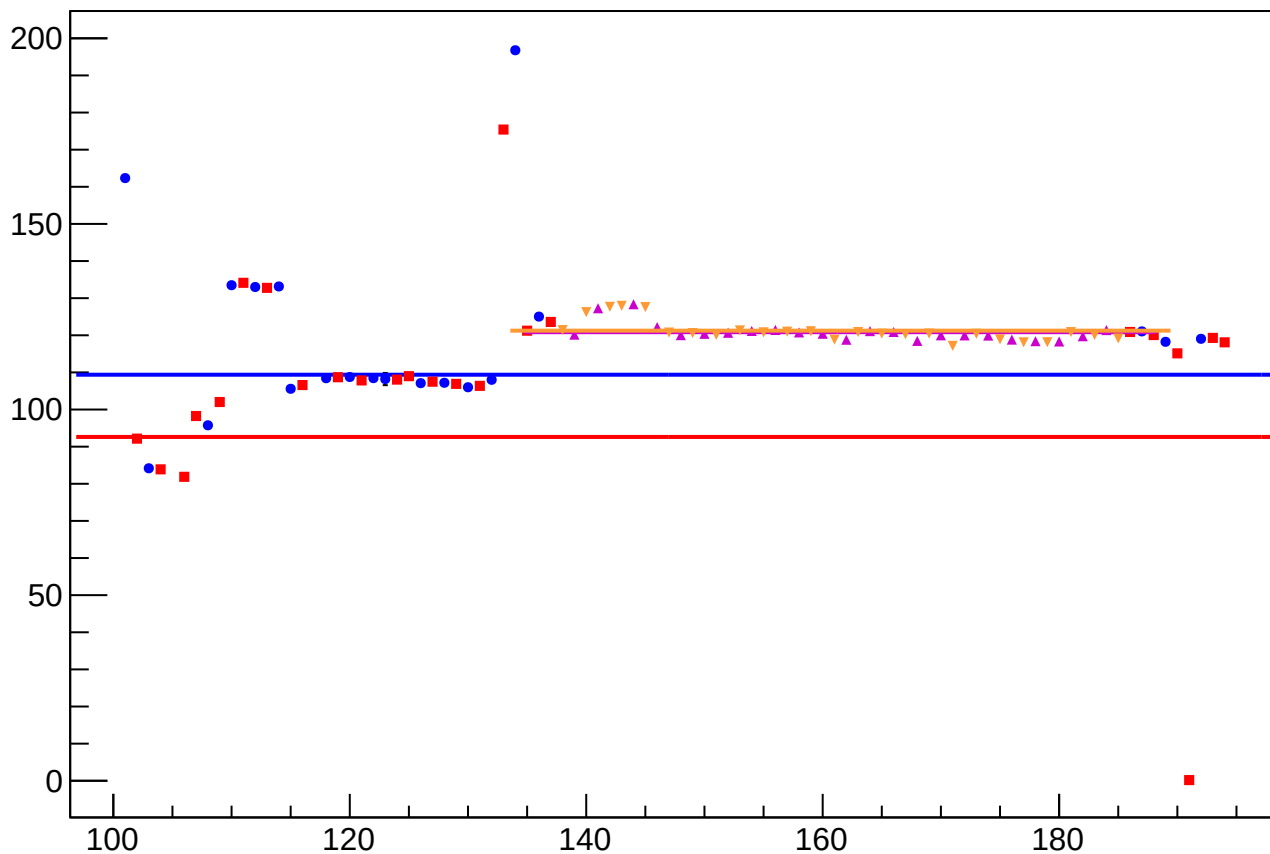
Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

+ sign -84.809 ± 0.751 χ^2/NDF : 1947.7/44

All: -82.342 ± 0.529 χ^2/NDF : 4031.3/91

- sign -79.917 ± 0.745 χ^2/NDF : 2062.3/46

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 109.379 $\pm$ 0.081 χ^2 /NDF: 74676.6/19

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 92.618 $\pm$ 0.067 χ^2 /NDF: 324551.0/23

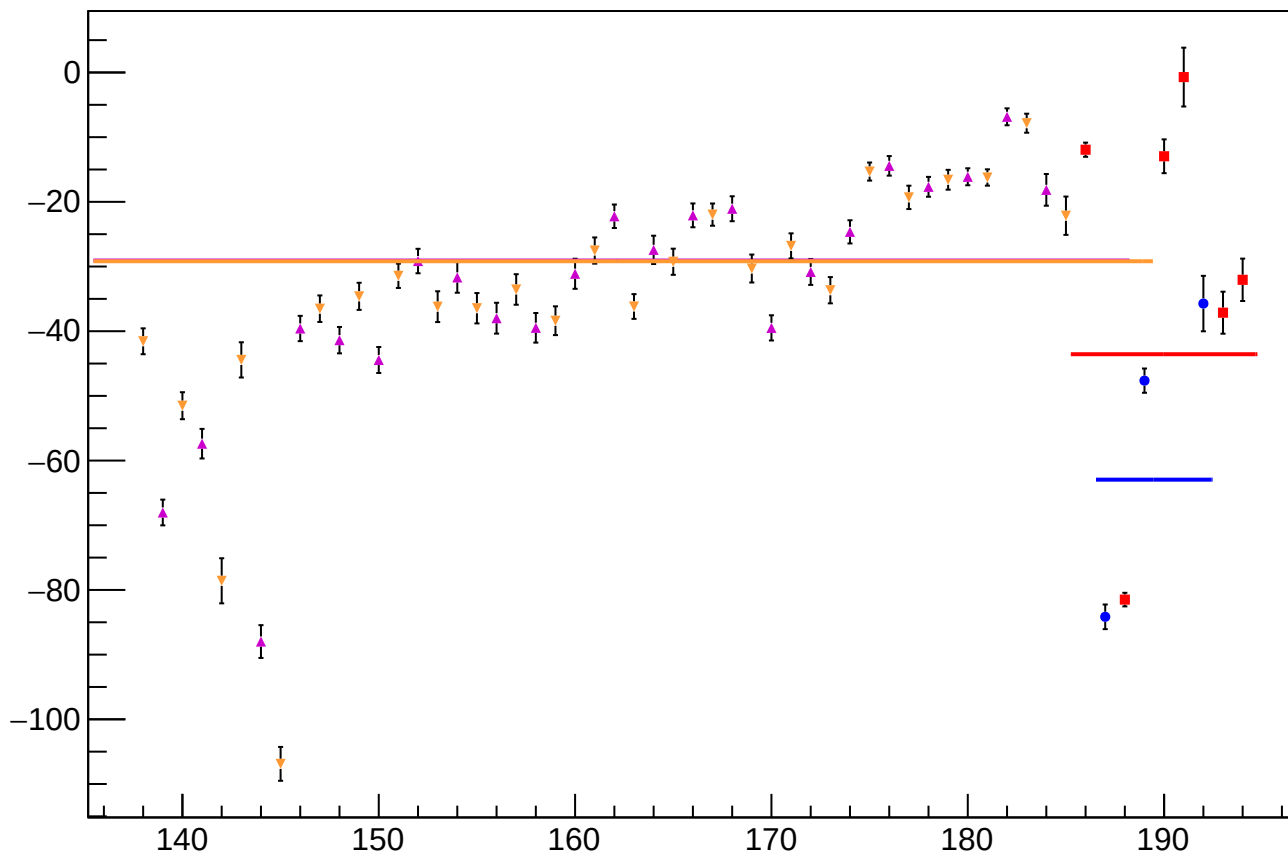
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.900 $\pm$ 0.036 χ^2 /NDF: 96730.1/44

All: 116.019 $\pm$ 0.025 χ^2 /NDF: 565759.4/91

- sign 113.343 $\pm$ 0.035 χ^2 /NDF: 456695.9/46

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -62.949 ± 1.276 $\chi^2/\text{NDF}: 230.8/2$

Left Out: -29.182 ± 0.389 $\chi^2/\text{NDF}: 1880.4/24$

Right Out: -43.556 ± 0.687 $\chi^2/\text{NDF}: 2378.3/5$

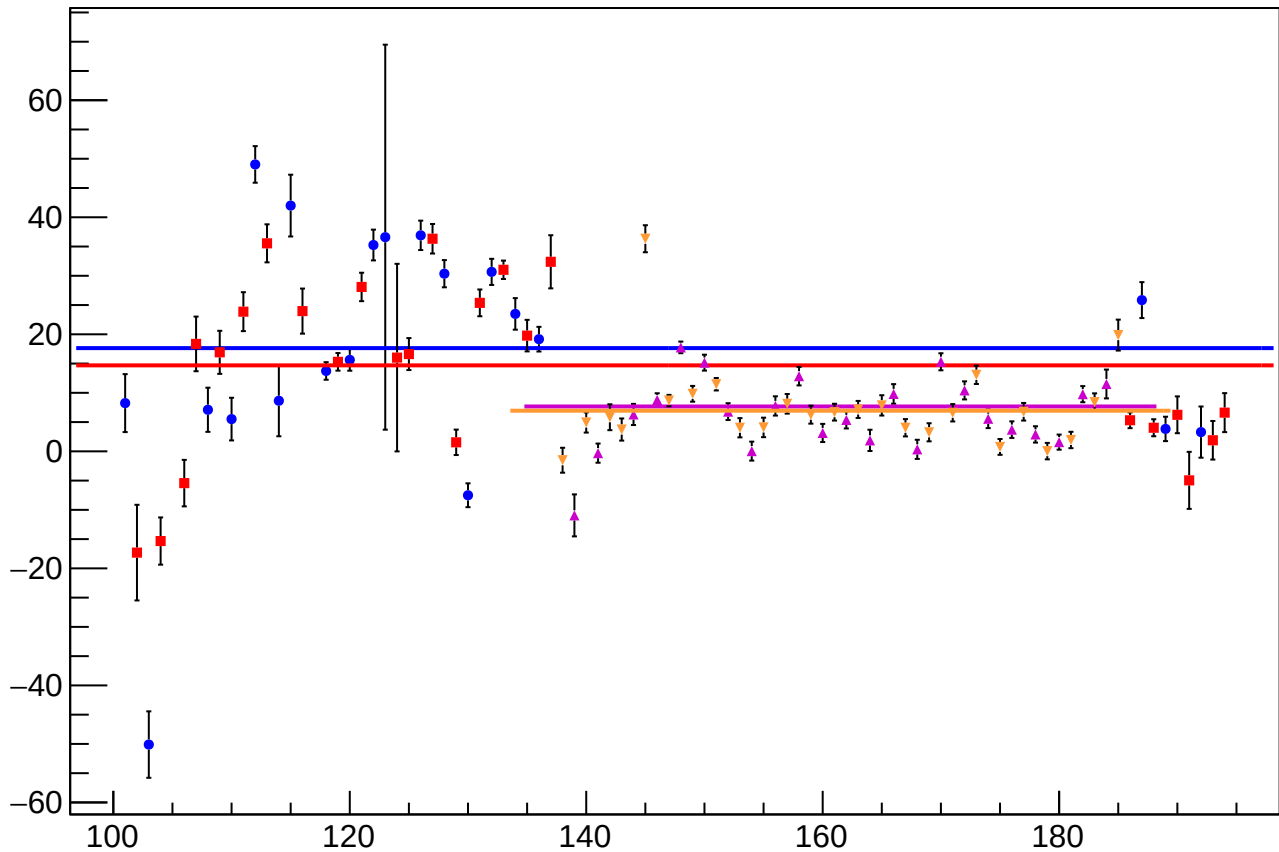
Left In: -29.073 ± 0.394 $\chi^2/\text{NDF}: 1872.4/22$

+ sign -32.057 ± 0.372 $\chi^2/\text{NDF}: 2752.1/27$

All: -32.383 ± 0.252 $\chi^2/\text{NDF}: 7339.0/56$

- sign -32.657 ± 0.342 $\chi^2/\text{NDF}: 4585.5/28$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 17.640 ± 0.597 χ^2/NDF : 684.6/19

Left Out: 6.943 ± 0.304 χ^2/NDF : 322.6/24

Right Out: 14.692 ± 0.516 χ^2/NDF : 588.4/23

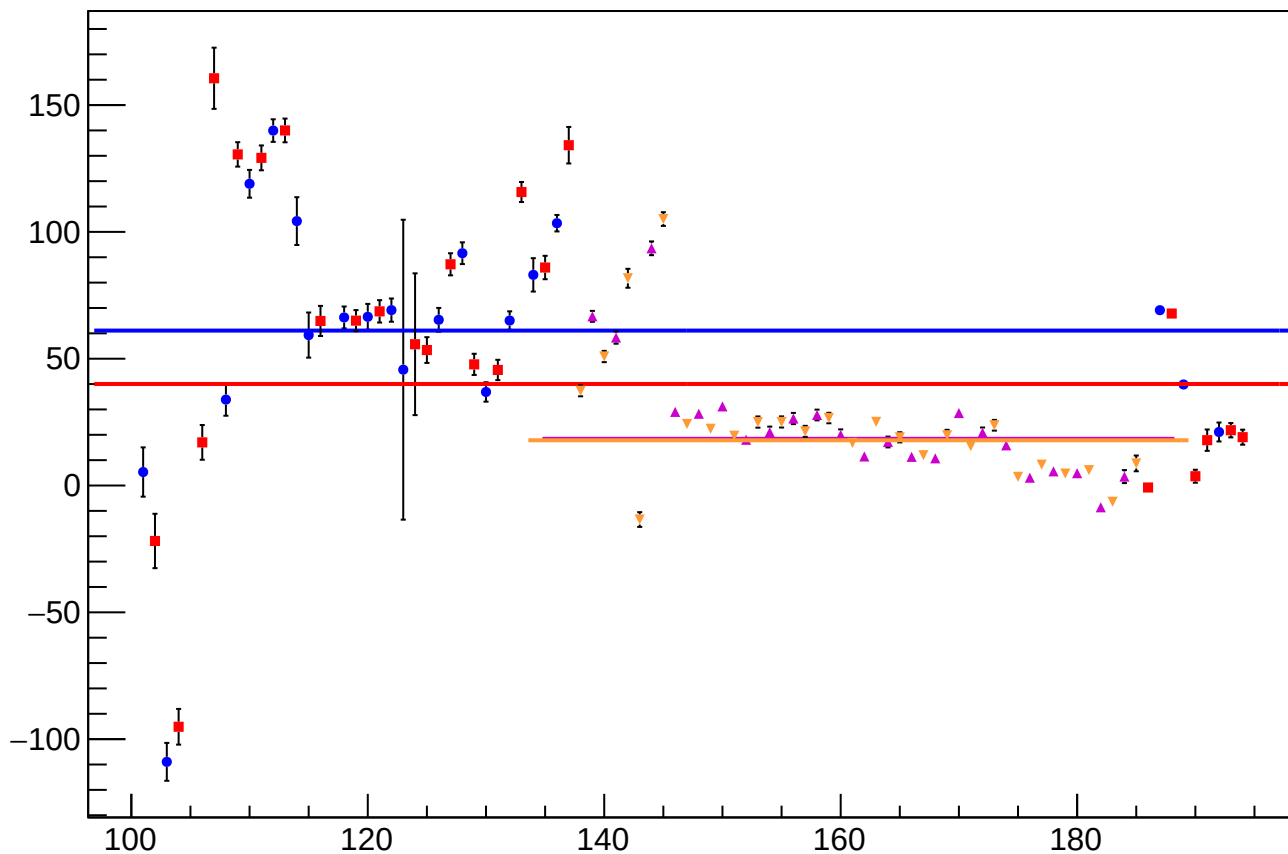
Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

+ sign 9.140 ± 0.271 χ^2/NDF : 1262.1/44

All: 9.350 ± 0.190 χ^2/NDF : 2328.5/91

- sign 9.555 ± 0.267 χ^2/NDF : 1065.2/46

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 61.087 ± 0.807 χ^2/NDF : 1614.1/19

Left Out: 17.841 ± 0.388 χ^2/NDF : 2399.7/24

Right Out: 40.034 ± 0.512 χ^2/NDF : 6081.1/23

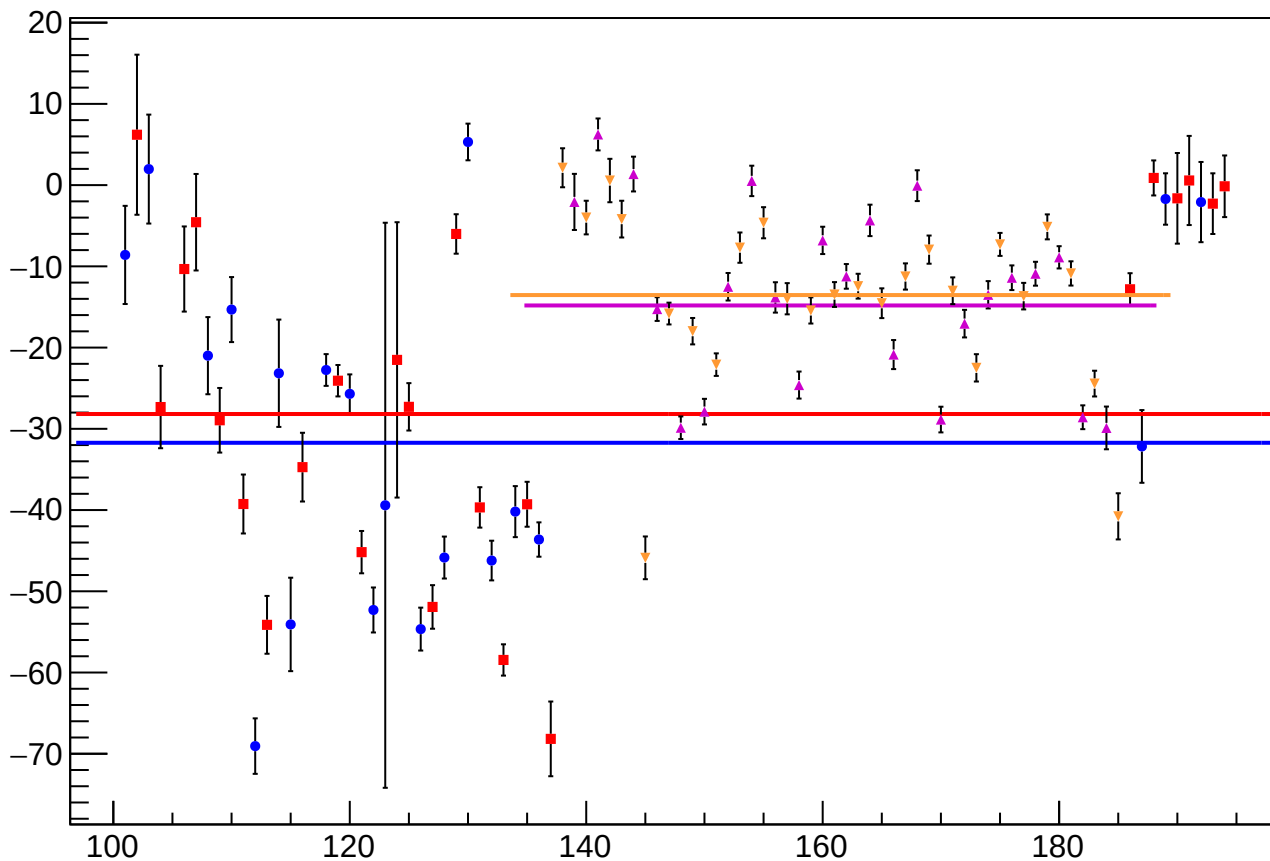
Left In: 18.416 ± 0.391 χ^2/NDF : 2468.4/22

+ sign 25.959 ± 0.350 χ^2/NDF : 6347.8/44

All: 26.196 ± 0.232 χ^2/NDF : 16023.5/91

- sign 26.384 ± 0.311 χ^2/NDF : 9674.8/46

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -31.720±0.701 χ^2/NDF : 855.3/19

Left Out: -13.535±0.345 χ^2/NDF : 574.6/24

Right Out: -28.177±0.630 χ^2/NDF : 1068.4/23

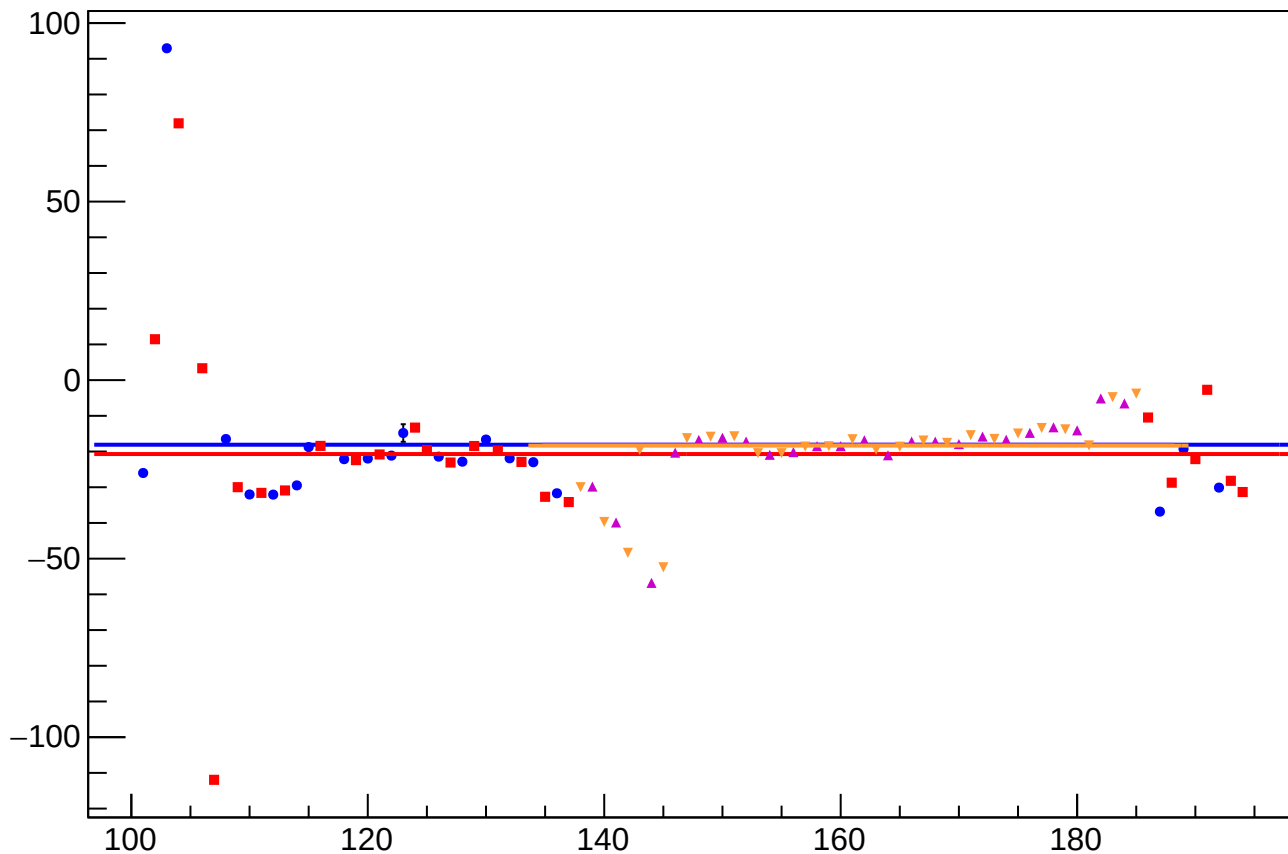
Left In: -14.815±0.353 χ^2/NDF : 838.2/22

+ sign -17.076±0.309 χ^2/NDF : 1971.9/44

All: -17.544±0.218 χ^2/NDF : 4225.3/91

- sign -18.009±0.308 χ^2/NDF : 2248.9/46

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -18.092 ± 0.040 $\chi^2/\text{NDF}: 487325.7/19$

Left Out: -18.337 ± 0.016 $\chi^2/\text{NDF}: 283793.3/24$

Right Out: -20.703 ± 0.034 $\chi^2/\text{NDF}: 473878.3/23$

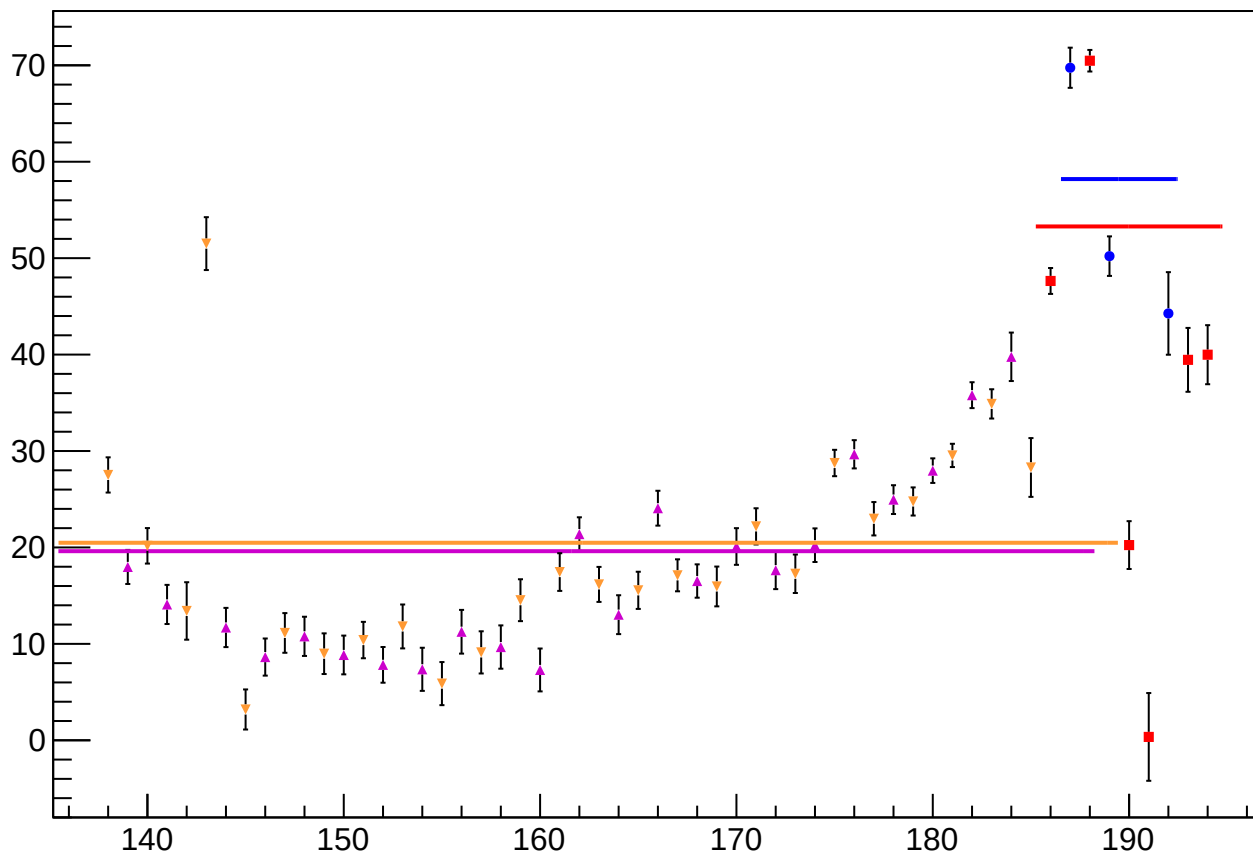
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ sign -18.304 ± 0.015 $\chi^2/\text{NDF}: 771151.2/44$

All: -18.454 ± 0.010 $\chi^2/\text{NDF}: 1495522.7/91$

- sign -18.599 ± 0.015 $\chi^2/\text{NDF}: 724169.5/46$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 58.203 $\pm$ 1.383 χ^2 /NDF: 56.5/2

Left Out: 20.485 $\pm$ 0.374 χ^2 /NDF: 615.7/24

Right Out: 53.289 $\pm$ 0.753 χ^2 /NDF: 603.1/5

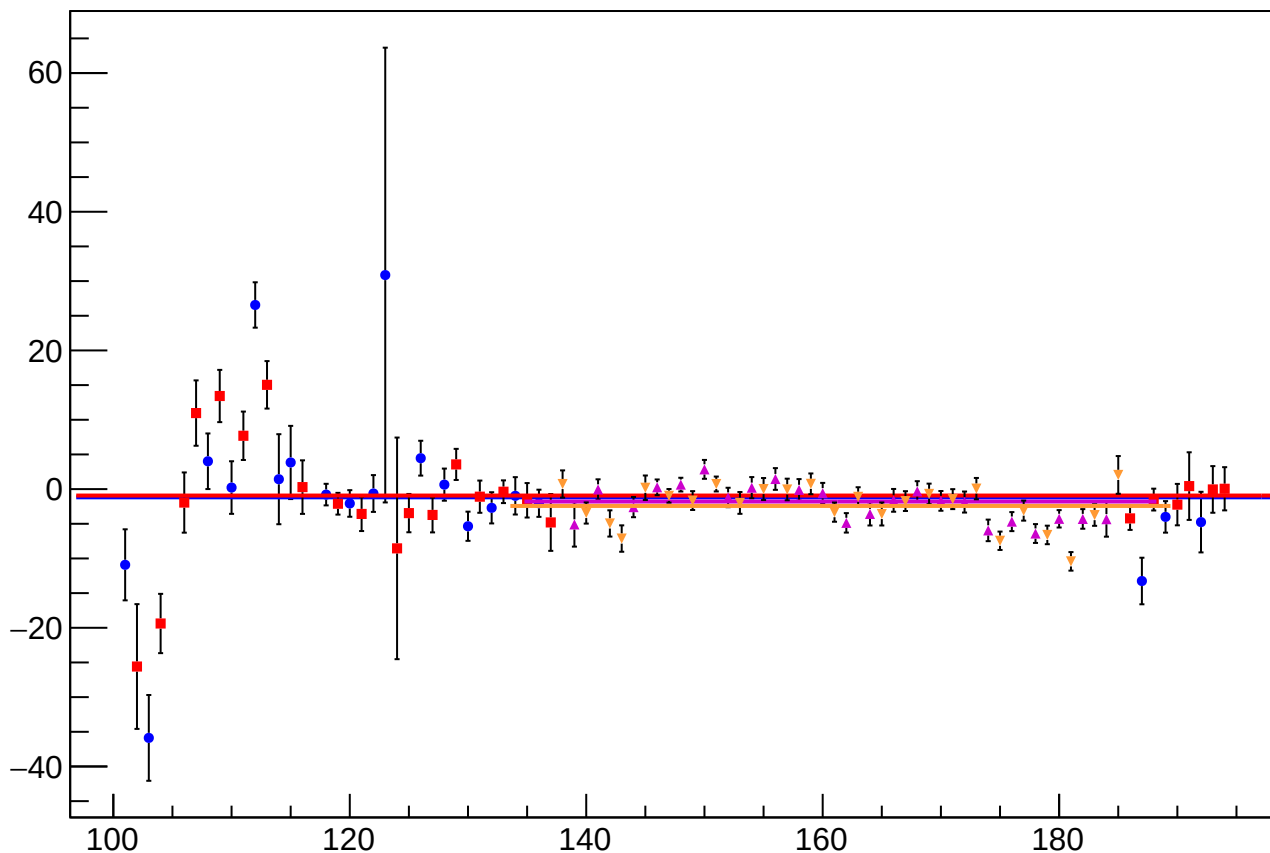
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF: 572.7/22

+ sign 23.052 $\pm$ 0.361 χ^2 /NDF: 1365.8/27

All: 24.836 $\pm$ 0.247 χ^2 /NDF: 4183.2/56

- sign 26.405 $\pm$ 0.338 χ^2 /NDF: 2771.5/28

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.184 ± 0.611 χ^2/NDF : 136.5/19

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -0.928 ± 0.541 χ^2/NDF : 88.6/23

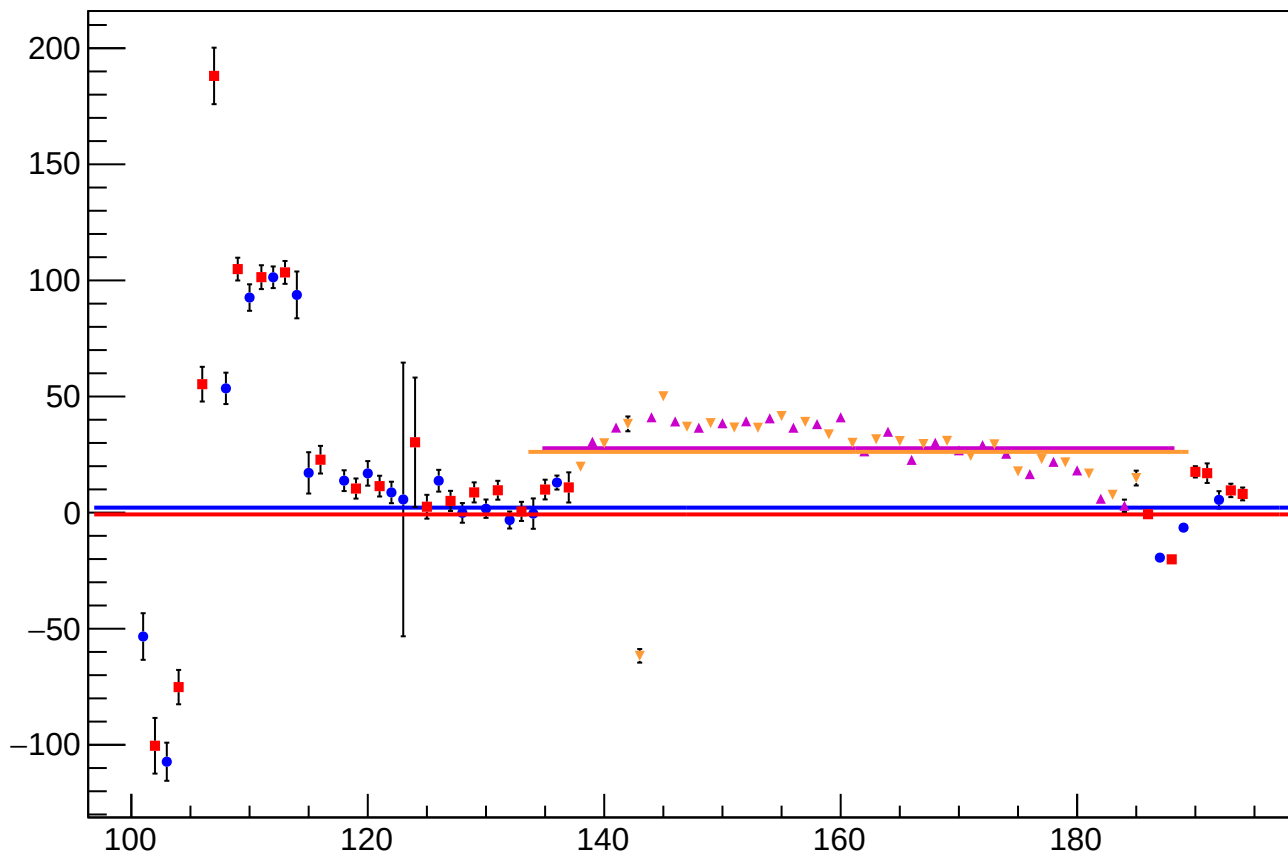
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.196 ± 0.264 χ^2/NDF : 243.6/44

All: -1.890 ± 0.186 χ^2/NDF : 406.9/91

- sign -1.587 ± 0.263 χ^2/NDF : 160.6/46

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 2.148 ± 0.849 χ^2/NDF : 1276.5/19

Left Out: 26.164 ± 0.373 χ^2/NDF : 1577.6/24

Right Out: -0.774 ± 0.558 χ^2/NDF : 2385.8/23

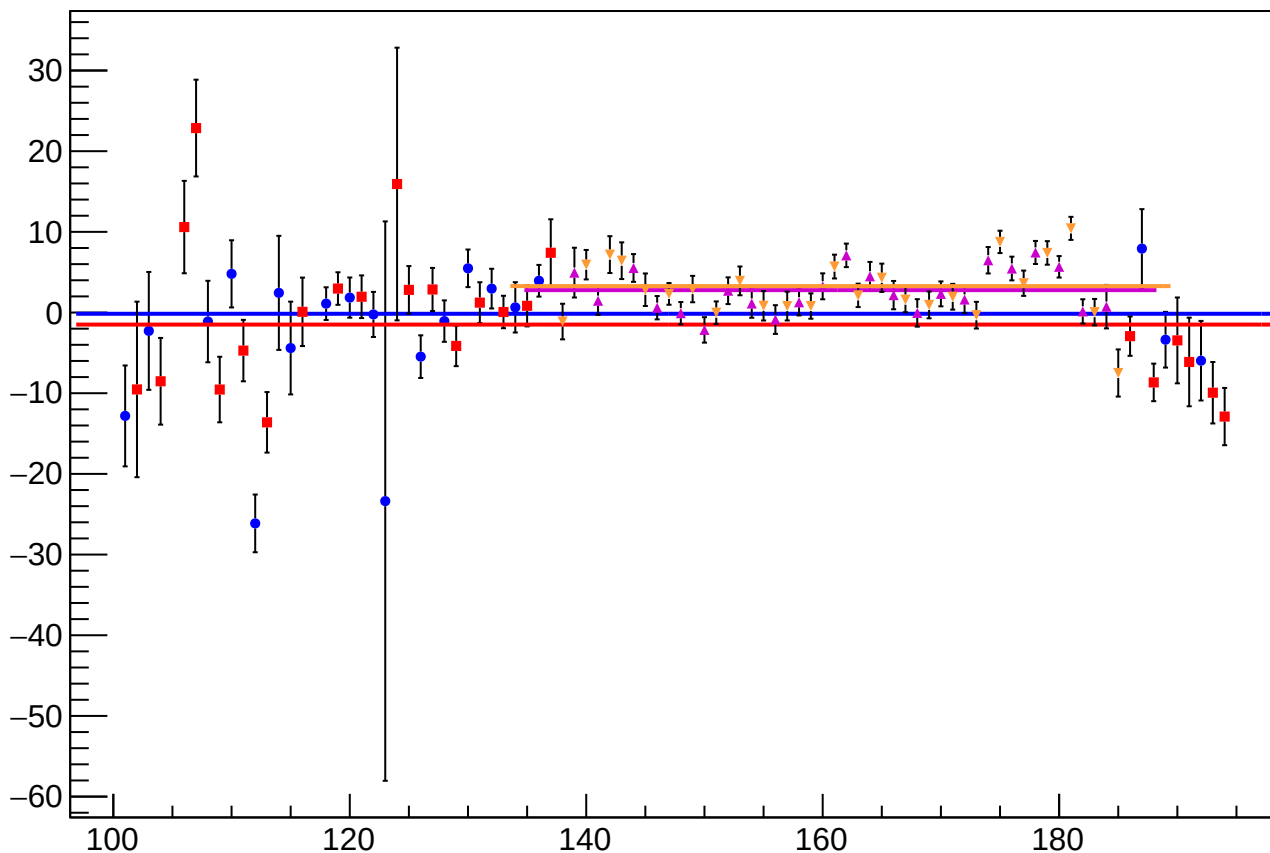
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 22.280 ± 0.341 χ^2/NDF : 3525.1/44

All: 20.382 ± 0.230 χ^2/NDF : 8566.7/91

- sign 18.794 ± 0.312 χ^2/NDF : 4984.8/46

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.154 ± 0.712 χ^2/NDF : 81.5/19

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: -1.492 ± 0.652 χ^2/NDF : 85.1/23

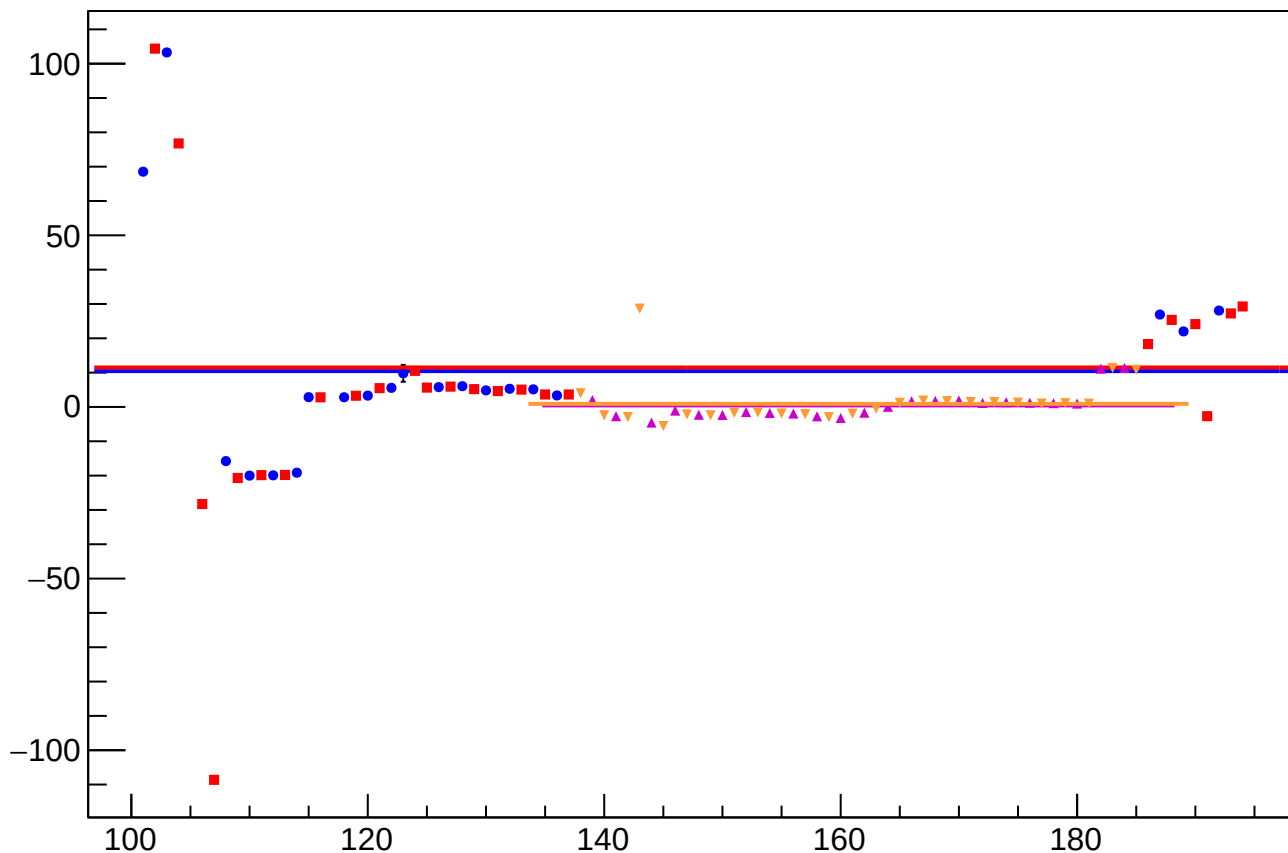
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.662 ± 0.301 χ^2/NDF : 202.4/44

All: 2.264 ± 0.213 χ^2/NDF : 391.2/91

- sign 1.864 ± 0.302 χ^2/NDF : 185.3/46

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 10.441 ± 0.040 $\chi^2/\text{NDF}: 383564.7/19$

Left Out: 0.898 ± 0.015 $\chi^2/\text{NDF}: 108195.0/24$

Right Out: 11.500 ± 0.035 $\chi^2/\text{NDF}: 615109.7/23$

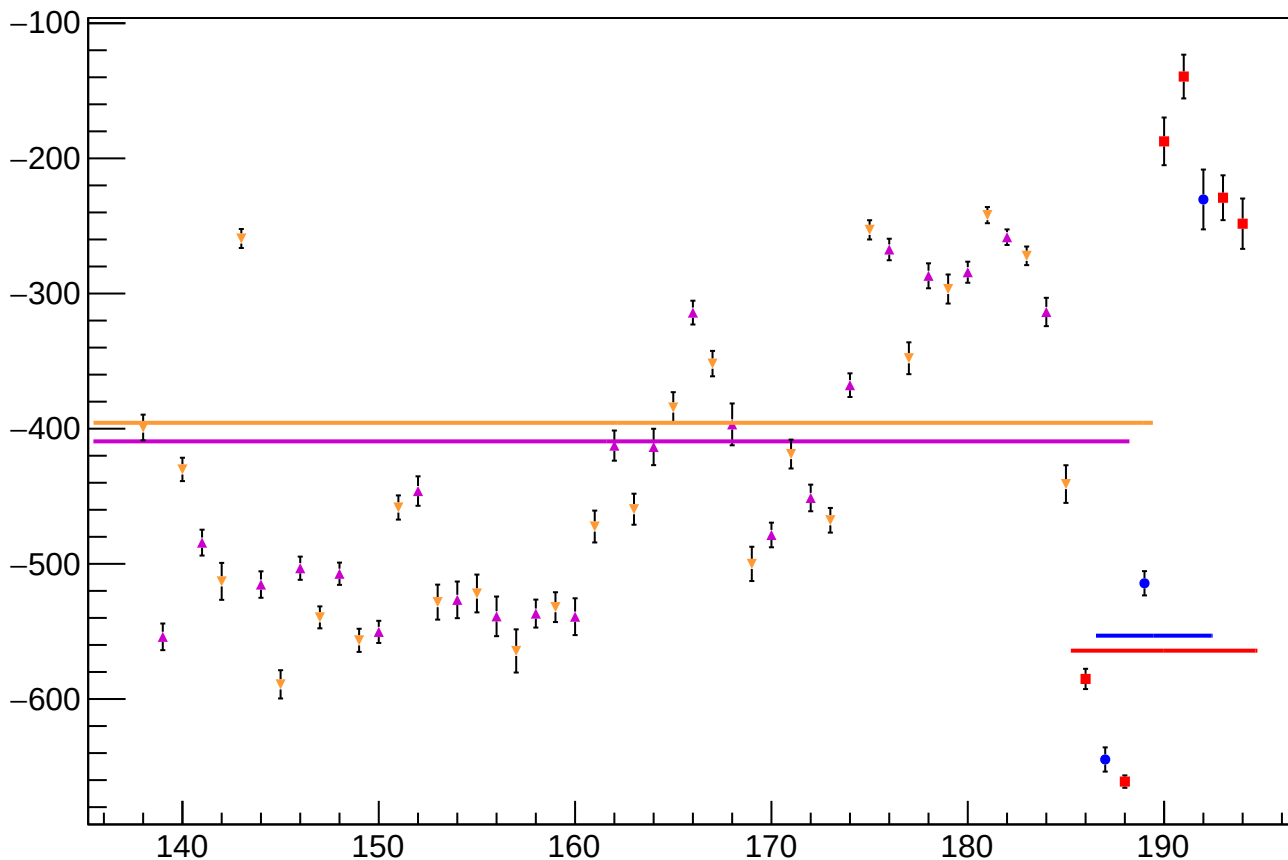
Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

+ sign 2.079 ± 0.014 $\chi^2/\text{NDF}: 540457.6/44$

All: 2.176 ± 0.010 $\chi^2/\text{NDF}: 1291578.6/91$

- sign 2.270 ± 0.014 $\chi^2/\text{NDF}: 751029.4/46$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -553.136+/-6.098 χ^2/NDF : 335.7/2

Left Out: -395.638+/-1.909 χ^2/NDF : 3704.0/24

Right Out: -564.229+/-3.564 χ^2/NDF : 2293.6/5

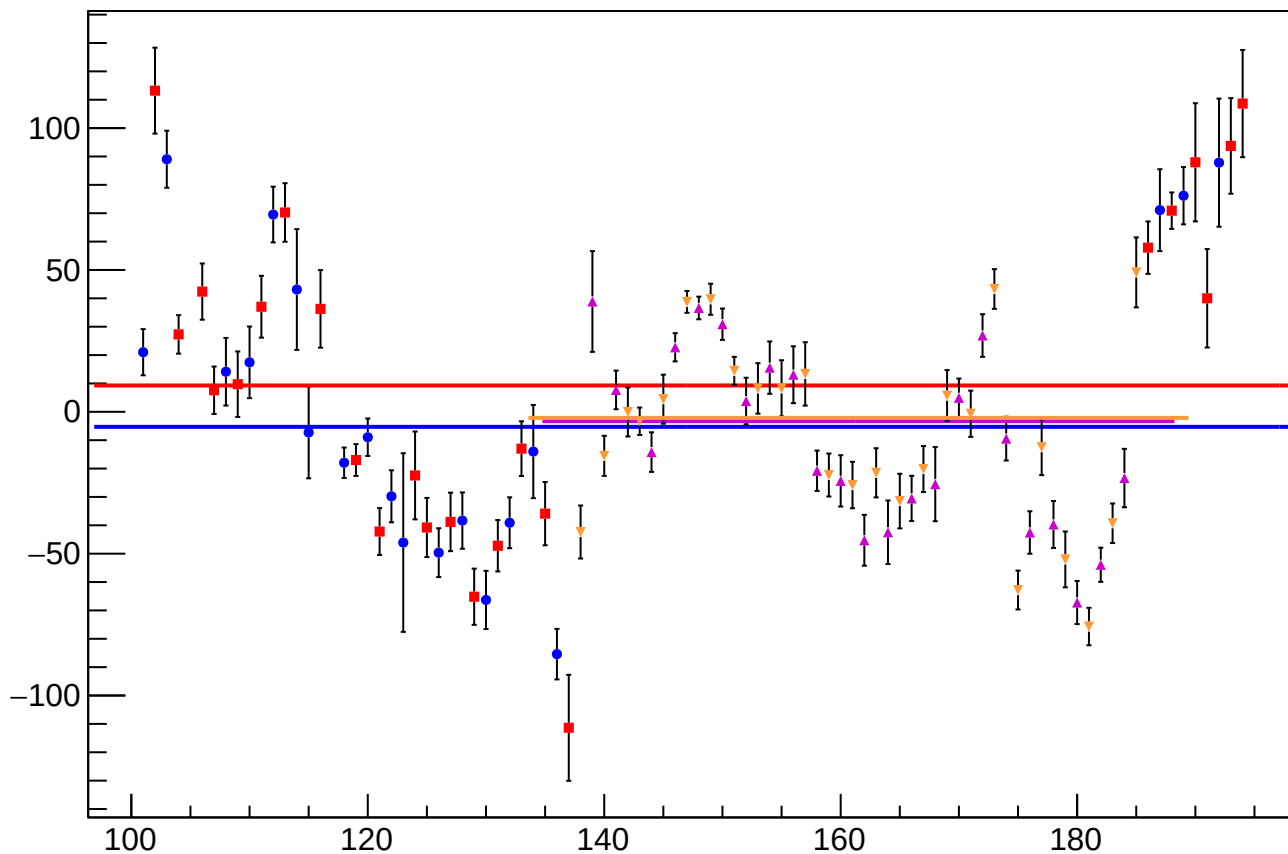
Left In: -409.377+/-1.971 χ^2/NDF : 3096.1/22

+ sign -409.696+/-1.822 χ^2/NDF : 4647.3/27

All: -428.655+/-1.253 χ^2/NDF : 11687.9/56

- sign -445.654+/-1.725 χ^2/NDF : 6835.2/28

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -5.298 ± 2.215 $\chi^2/\text{NDF}: 460.9/19$

Left Out: -2.133 ± 1.435 $\chi^2/\text{NDF}: 562.8/24$

Right Out: 9.292 ± 2.031 $\chi^2/\text{NDF}: 569.2/23$

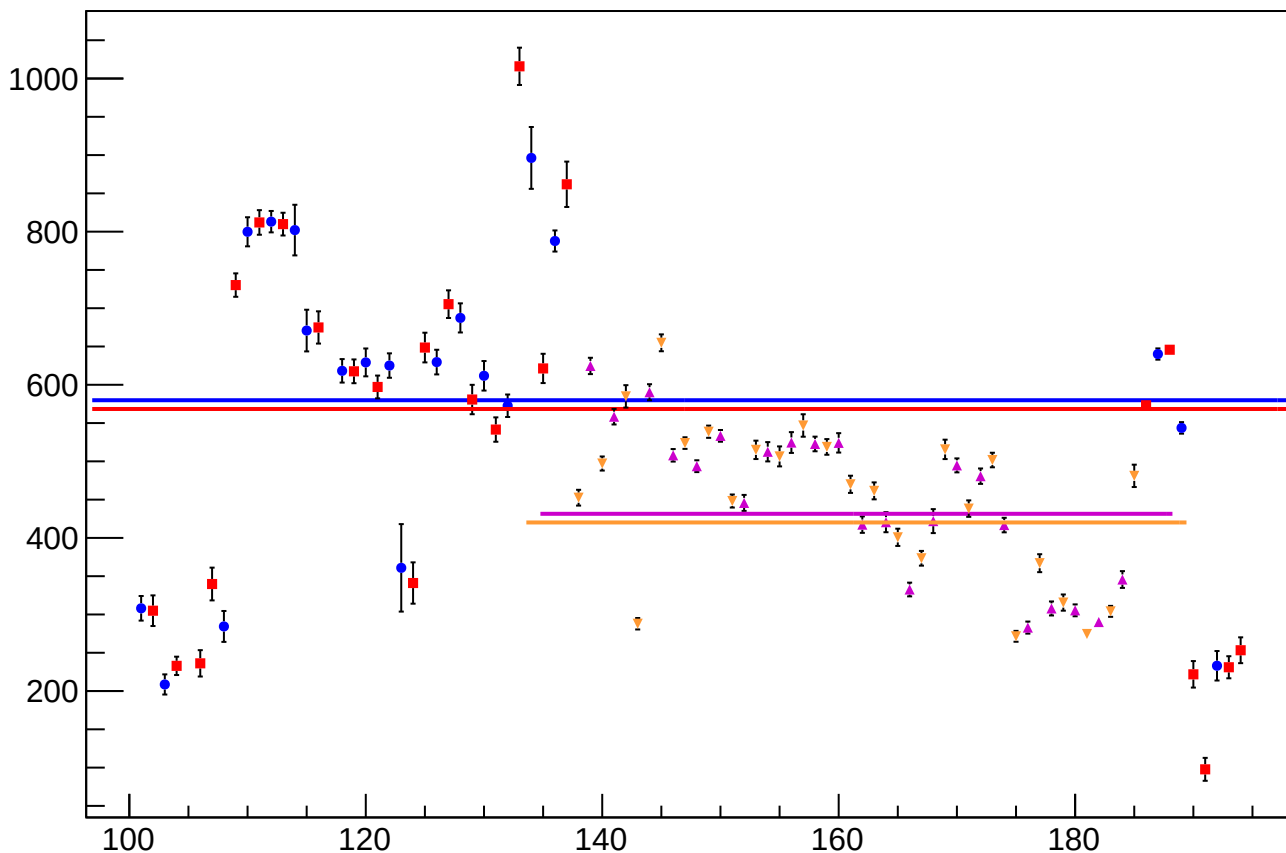
Left In: -3.290 ± 1.517 $\chi^2/\text{NDF}: 454.5/22$

+ sign -3.069 ± 1.204 $\chi^2/\text{NDF}: 1025.1/44$

All: -0.947 ± 0.855 $\chi^2/\text{NDF}: 2079.7/91$

- sign 1.214 ± 1.215 $\chi^2/\text{NDF}: 1048.3/46$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 579.827 $\pm$ 3.290 χ^2 /NDF: 2548.6/19

Left Out: 420.181 $\pm$ 1.916 χ^2 /NDF:3241.0/24

Right Out: 568.391 $\pm$ 2.388 χ^2 /NDF: 5405.6/23

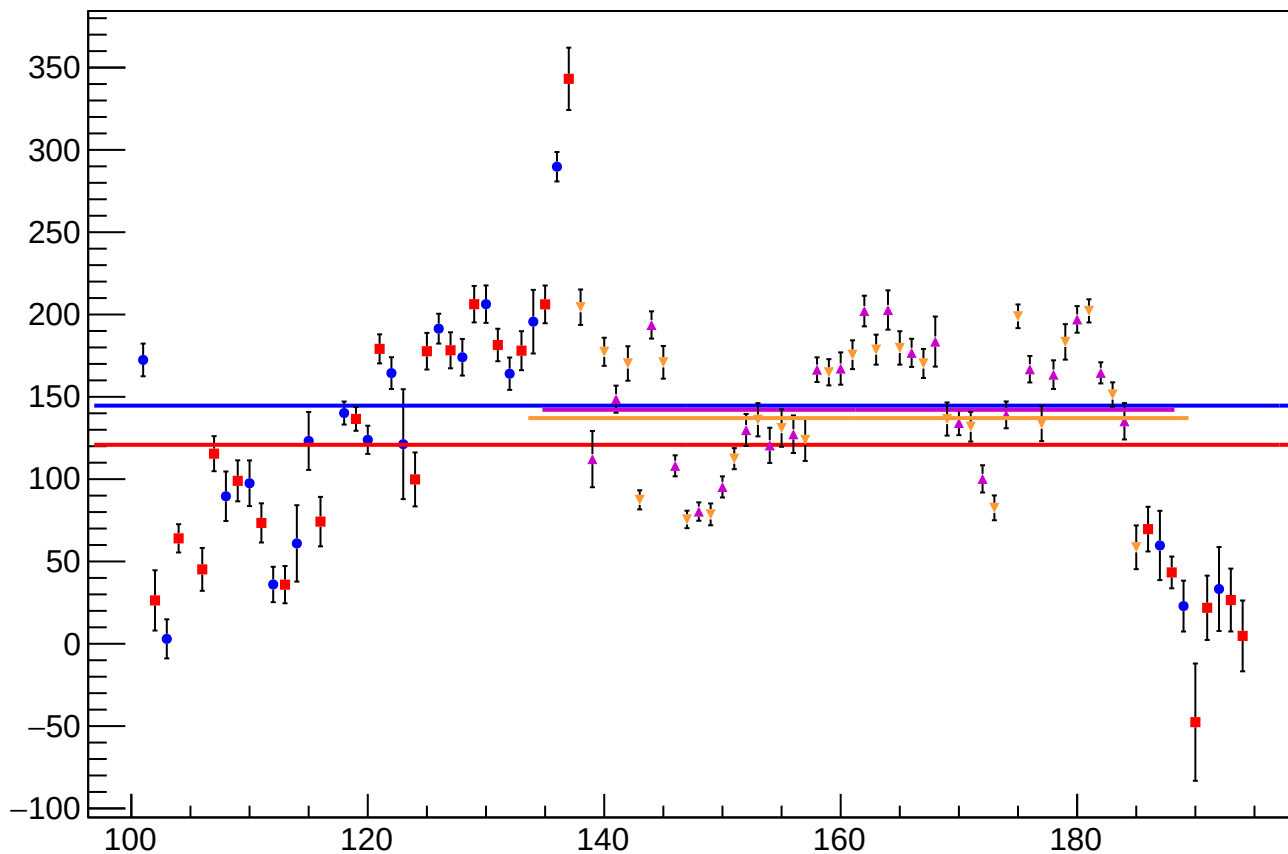
Left In: 431.487 $\pm$ 1.964 χ^2 /NDF:2897.1/22

+ sign 460.597 $\pm$ 1.655 χ^2 /NDF: 7547.9/44

All: 474.804 $\pm$ 1.118 χ^2 /NDF: 17946.8/91

- sign 486.732 $\pm$ 1.517 χ^2 /NDF: 10263.5/46

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 144.651 $\pm$ 2.601 χ^2 /NDF: 737.7/19

Left Out: 137.107 $\pm$ 1.663 χ^2 /NDF: 738.9/24

Right Out: 120.847 $\pm$ 2.427 χ^2 /NDF: 787.9/23

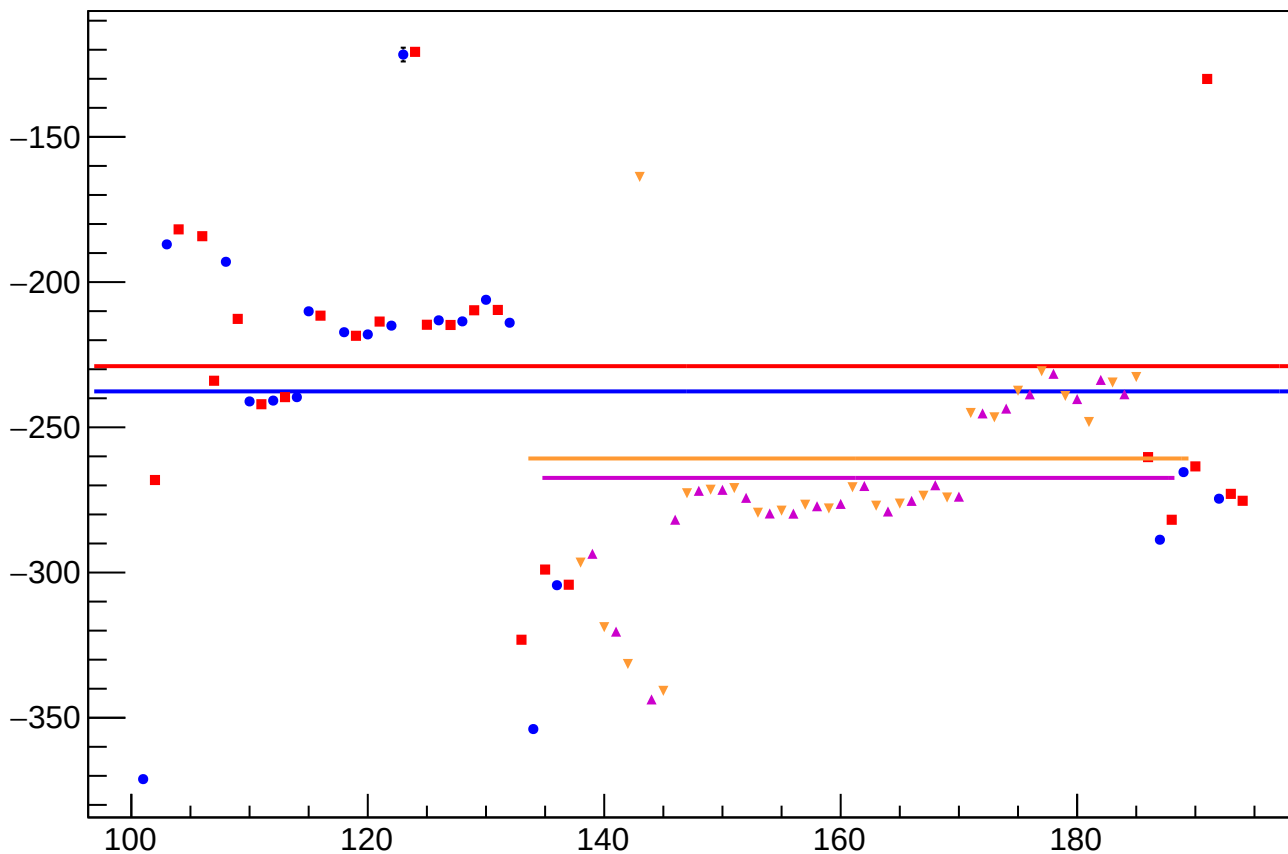
Left In: 142.123 $\pm$ 1.740 χ^2 /NDF: 463.8/22

+ sign 139.296 $\pm$ 1.401 χ^2 /NDF: 1482.5/44

All: 137.118 $\pm$ 0.995 χ^2 /NDF: 2789.9/91

- sign 134.899 $\pm$ 1.414 χ^2 /NDF: 1302.5/46

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -237.629+/-0.142 χ^2/NDF : 151173.4/19

Left Out: -260.729+/-0.080 χ^2/NDF : 220125.6/24

Right Out: -228.942+/-0.125 χ^2/NDF : 151506.5/23

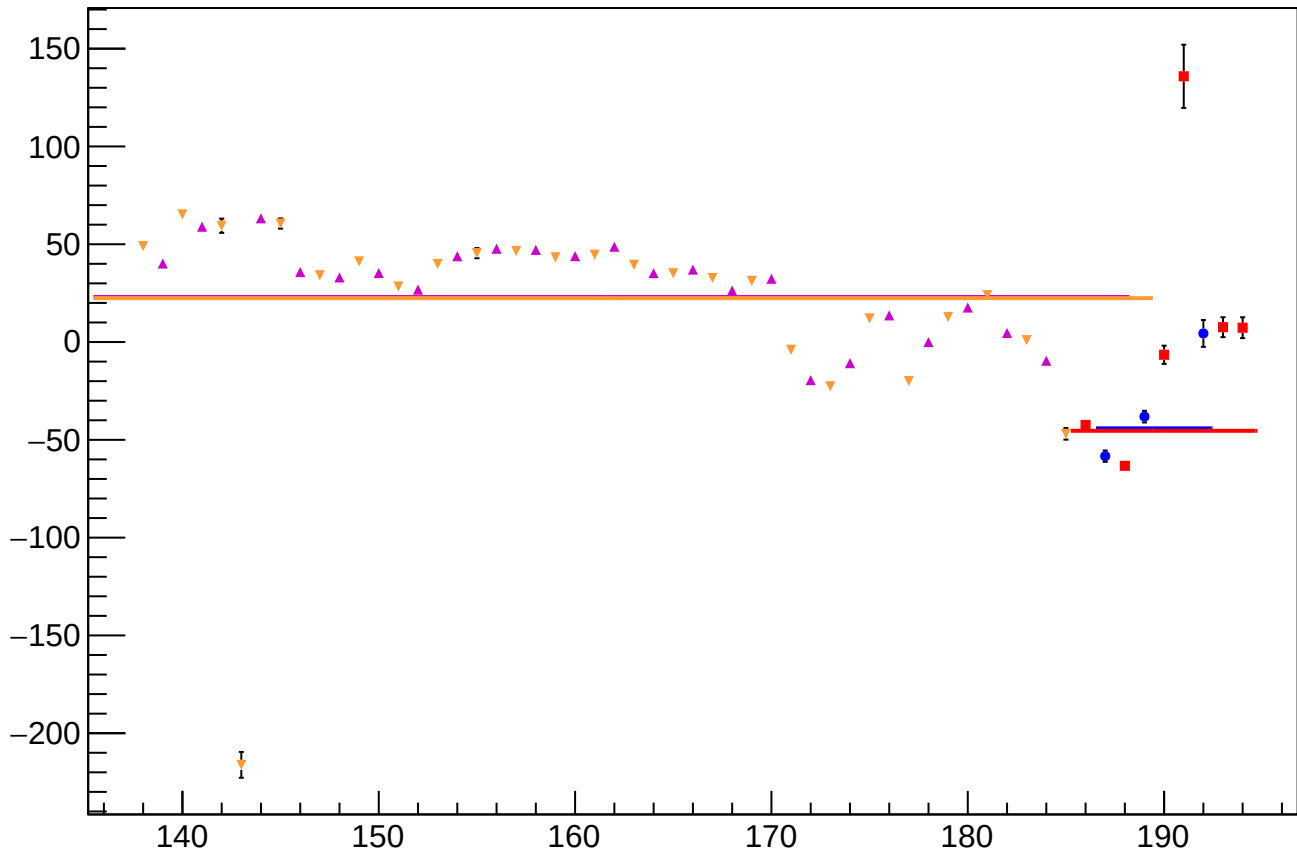
Left In: -267.416+/-0.081 χ^2/NDF : 98892.0/22

+ sign -255.199+/-0.069 χ^2/NDF : 391488.4/44

All: -255.576+/-0.049 χ^2/NDF : 708677.1/91

- sign -255.940+/-0.068 χ^2/NDF : 317130.7/46

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -44.135 ± 1.986 $\chi^2/\text{NDF}: 78.1/2$

Left Out: 22.446 ± 0.399 $\chi^2/\text{NDF}: 4935.8/24$

Right Out: -45.379 ± 1.077 $\chi^2/\text{NDF}: 535.7/5$

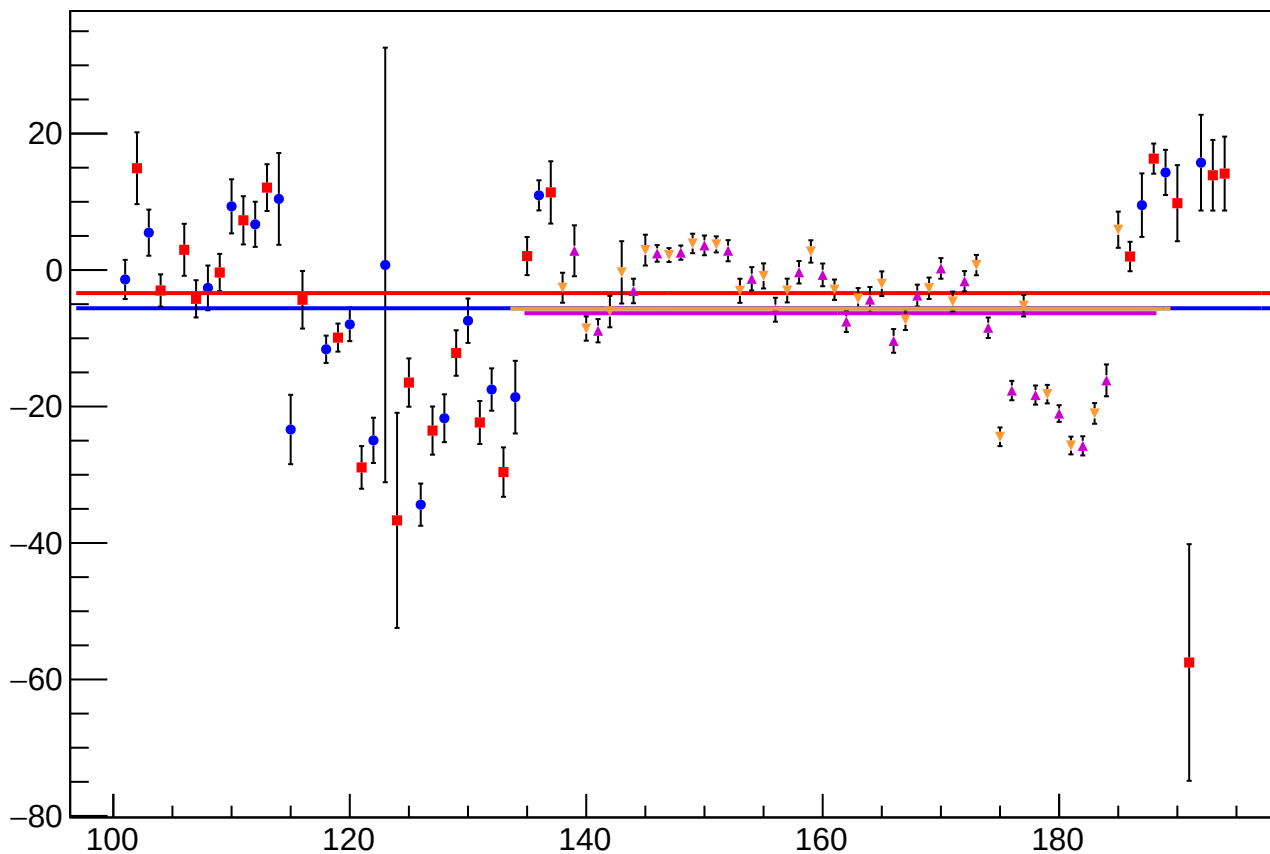
Left In: 23.019 ± 0.400 $\chi^2/\text{NDF}: 2819.9/22$

+ sign 19.864 ± 0.391 $\chi^2/\text{NDF}: 6094.7/27$

All: 17.190 ± 0.271 $\chi^2/\text{NDF}: 13085.6/56$

- sign 14.734 ± 0.375 $\chi^2/\text{NDF}: 6901.2/28$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -5.599 ± 0.744 χ^2/NDF : 344.6/19

Left Out: -5.639 ± 0.316 χ^2/NDF : 891.5/24

Right Out: -3.379 ± 0.667 χ^2/NDF : 405.9/23

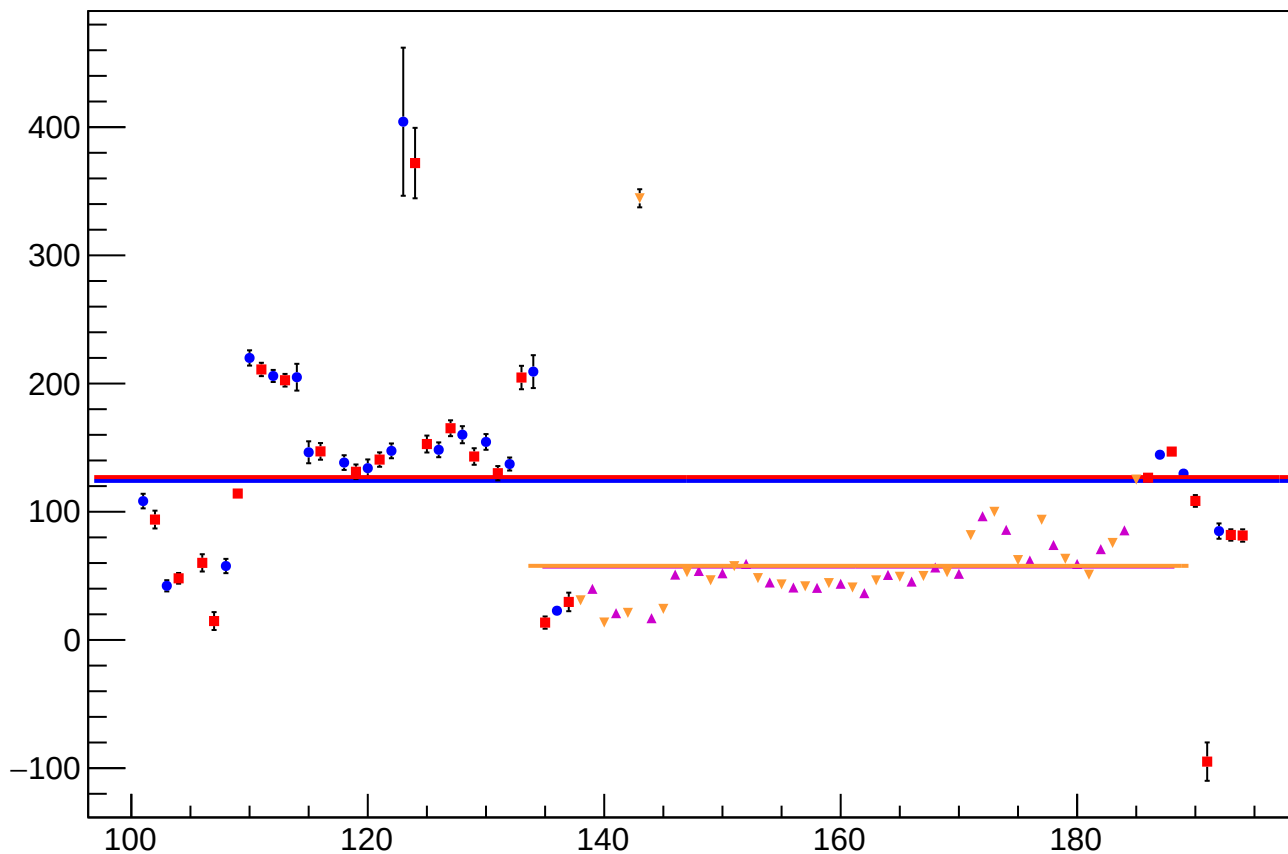
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ sign -5.632 ± 0.291 χ^2/NDF : 1236.2/44

All: -5.703 ± 0.205 χ^2/NDF : 2442.4/91

- sign -5.772 ± 0.289 χ^2/NDF : 1206.1/46

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 124.074 $\pm$ 1.075 χ^2 /NDF: 2306.2/19

Left Out: 57.816 $\pm$ 0.398 χ^2 /NDF:4331.5/24

Right Out: 127.037 $\pm$ 0.740 χ^2 /NDF: 2900.8/23

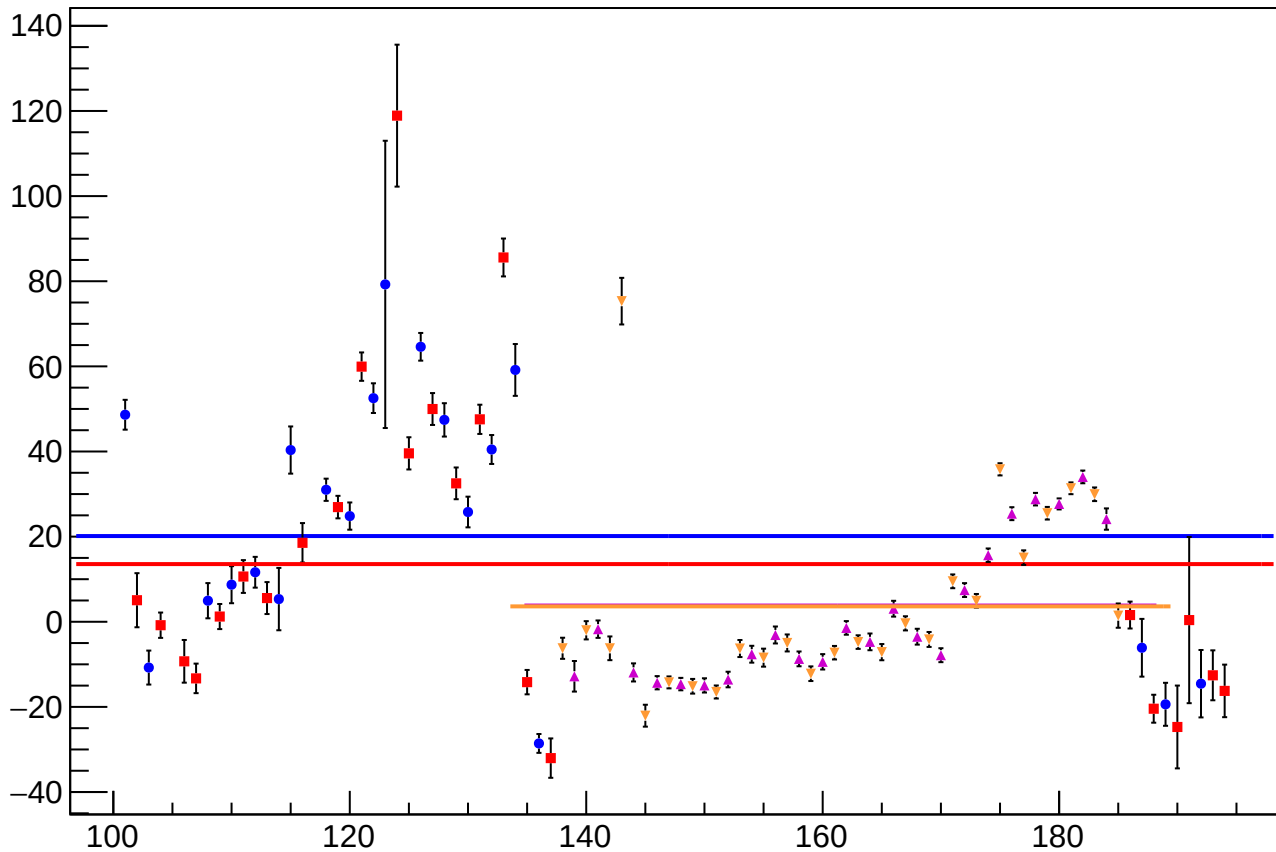
Left In: 57.226 $\pm$ 0.398 χ^2 /NDF:1860.6/22

+ sign 65.800 $\pm$ 0.373 χ^2 /NDF: 9976.9/44

All: 69.572 $\pm$ 0.256 χ^2 /NDF: 21835.6/91

- sign 72.899 $\pm$ 0.351 χ^2 /NDF: 11666.5/46

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 20.136 $\pm$ 0.863 χ^2 /NDF: 1172.5/19

Left Out: 3.615 $\pm$ 0.357 χ^2 /NDF: 2501.2/24

Right Out: 13.550 $\pm$ 0.797 χ^2 /NDF: 1287.7/23

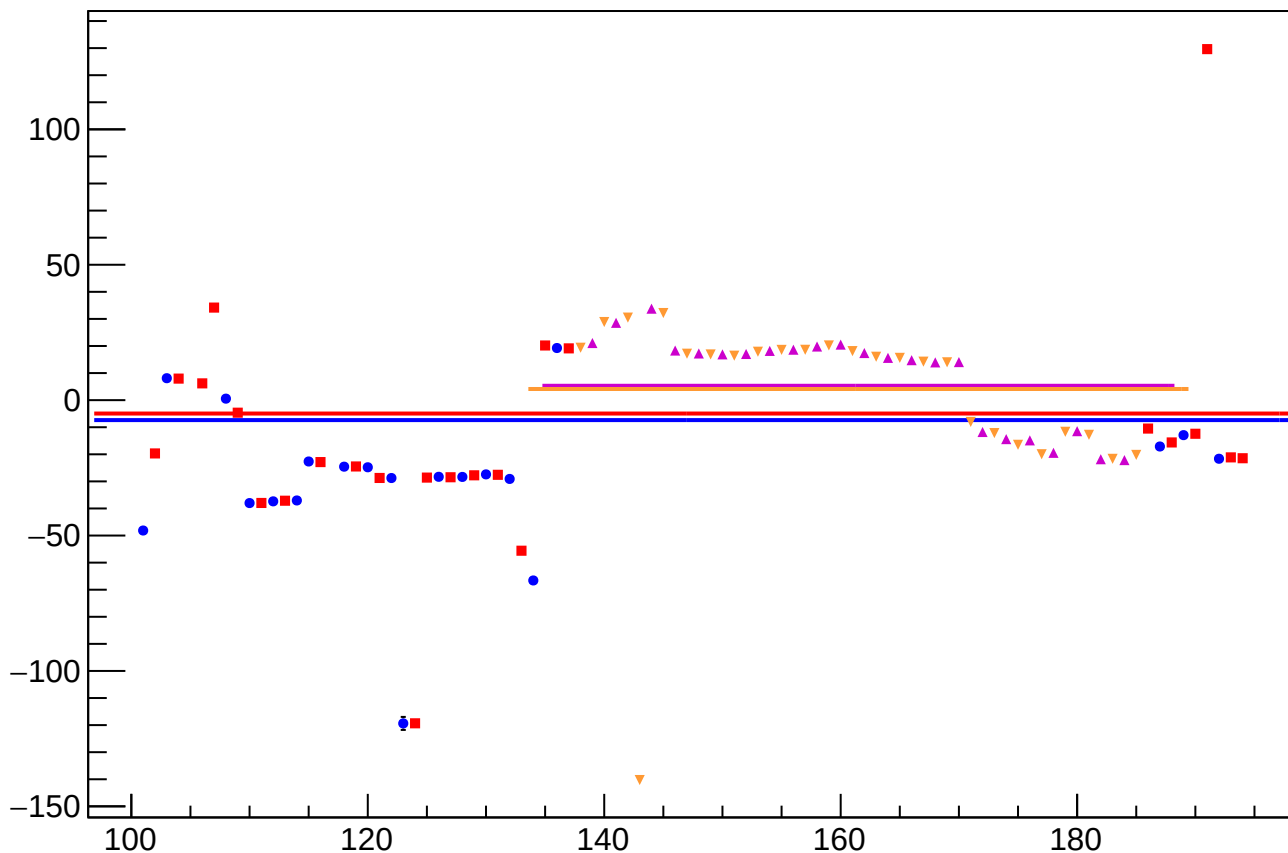
Left In: 3.812 $\pm$ 0.361 χ^2 /NDF: 2203.5/22

+ sign 6.025 $\pm$ 0.330 χ^2 /NDF: 3986.5/44

All: 5.746 $\pm$ 0.233 χ^2 /NDF: 7603.2/91

- sign 5.468 $\pm$ 0.329 χ^2 /NDF: 3615.2/46

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -7.367 ± 0.044 $\chi^2/\text{NDF}: 270752.4/19$

Left Out: 4.121 ± 0.016 $\chi^2/\text{NDF}: 1340176.5/24$

Right Out: -4.944 ± 0.040 $\chi^2/\text{NDF}: 351355.7/23$

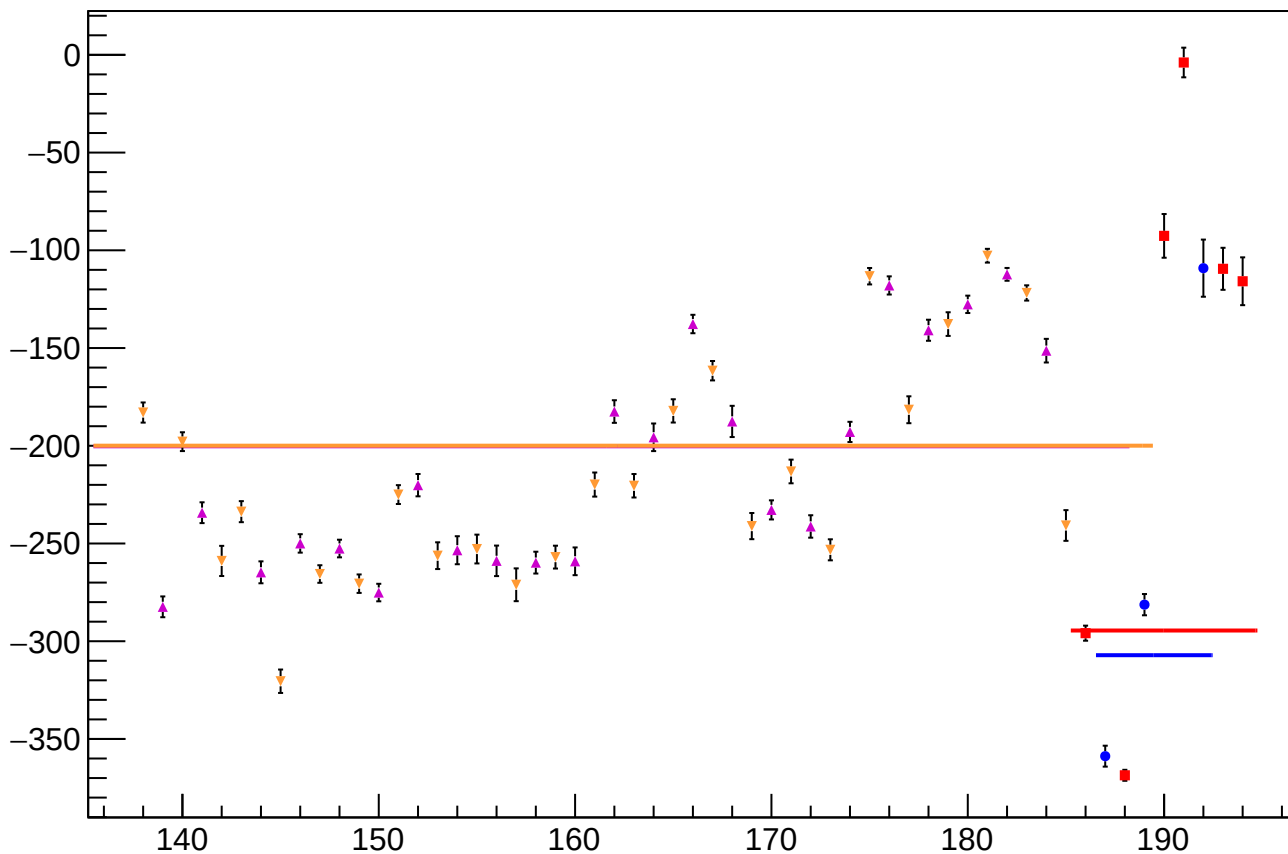
Left In: 5.305 ± 0.016 $\chi^2/\text{NDF}: 1089610.2/22$

+ sign 2.731 ± 0.015 $\chi^2/\text{NDF}: 1670532.3/44$

All: 3.306 ± 0.011 $\chi^2/\text{NDF}: 3169354.6/91$

- sign 3.868 ± 0.015 $\chi^2/\text{NDF}: 1496043.5/46$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -307.147 ± 3.692 $\chi^2/\text{NDF}: 299.1/2$

Left Out: -199.957 ± 1.082 $\chi^2/\text{NDF}: 3220.5/24$

Right Out: -294.518 ± 2.065 $\chi^2/\text{NDF}: 2996.7/5$

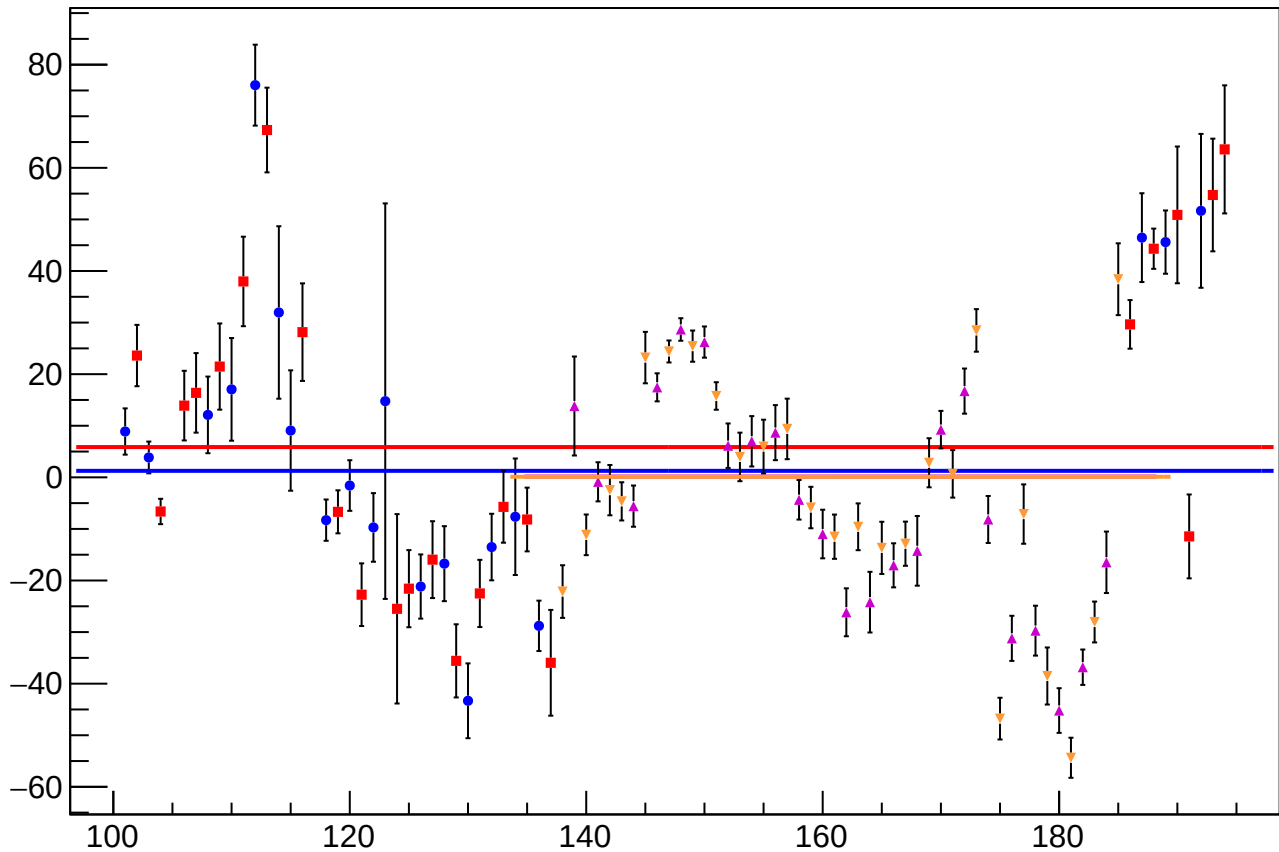
Left In: -200.276 ± 1.093 $\chi^2/\text{NDF}: 3013.8/22$

+ sign -208.428 ± 1.038 $\chi^2/\text{NDF}: 4295.9/27$

All: -215.113 ± 0.707 $\chi^2/\text{NDF}: 12010.1/56$

- sign -220.906 ± 0.966 $\chi^2/\text{NDF}: 7636.8/28$

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 1.260 ± 1.387 $\chi^2/\text{NDF}: 303.8/19$

Left Out: 0.116 ± 0.810 $\chi^2/\text{NDF}: 830.1/24$

Right Out: 5.870 ± 1.234 $\chi^2/\text{NDF}: 431.2/23$

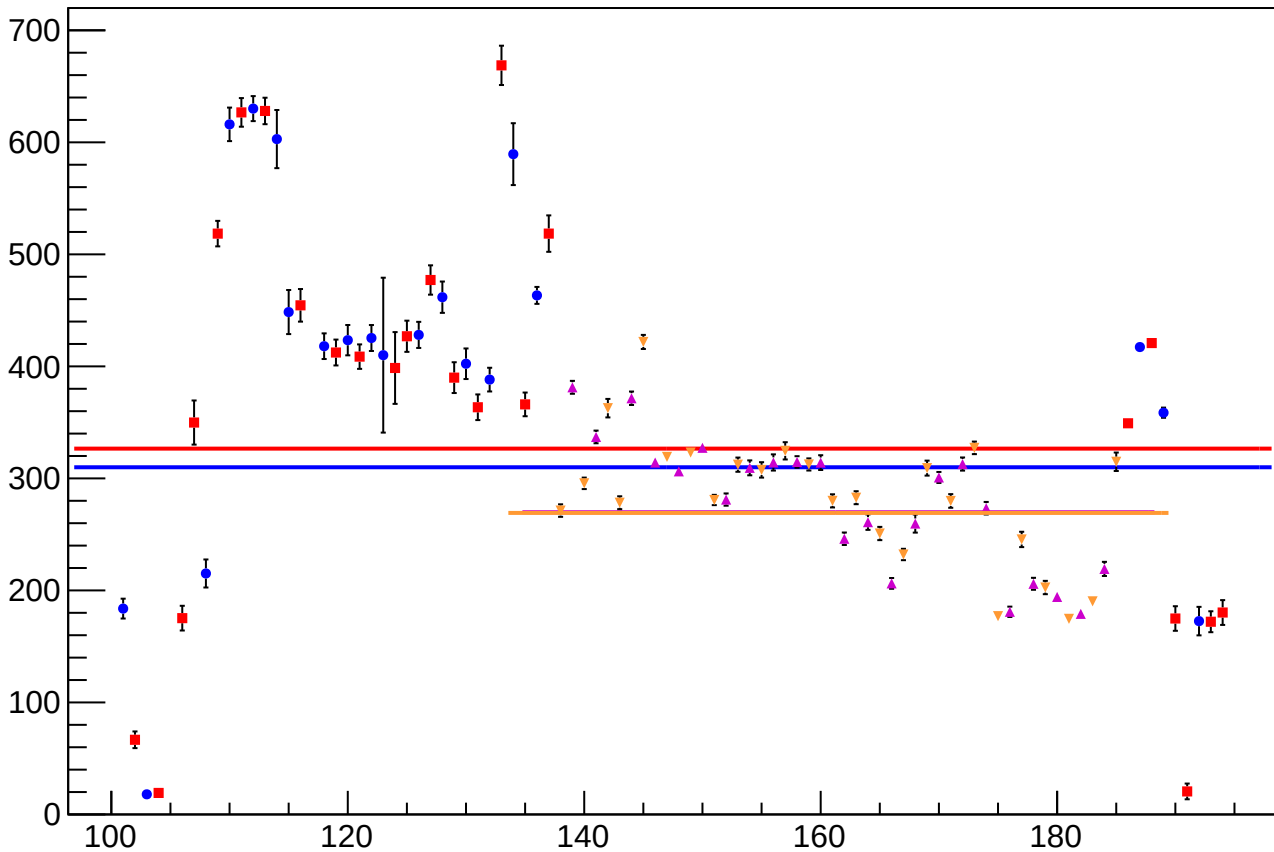
Left In: 0.153 ± 0.836 $\chi^2/\text{NDF}: 719.6/22$

+ sign 0.407 ± 0.700 $\chi^2/\text{NDF}: 1134.4/44$

All: 1.187 ± 0.492 $\chi^2/\text{NDF}: 2302.3/91$

- sign 1.951 ± 0.692 $\chi^2/\text{NDF}: 1165.5/46$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 309.934 $\pm$ 1.927 χ^2 /NDF: 8795.1/19

Left Out: 269.181 $\pm$ 1.081 χ^2 /NDF:3148.5/24

Right Out: 326.577 $\pm$ 1.394 χ^2 /NDF: 13170.4/23

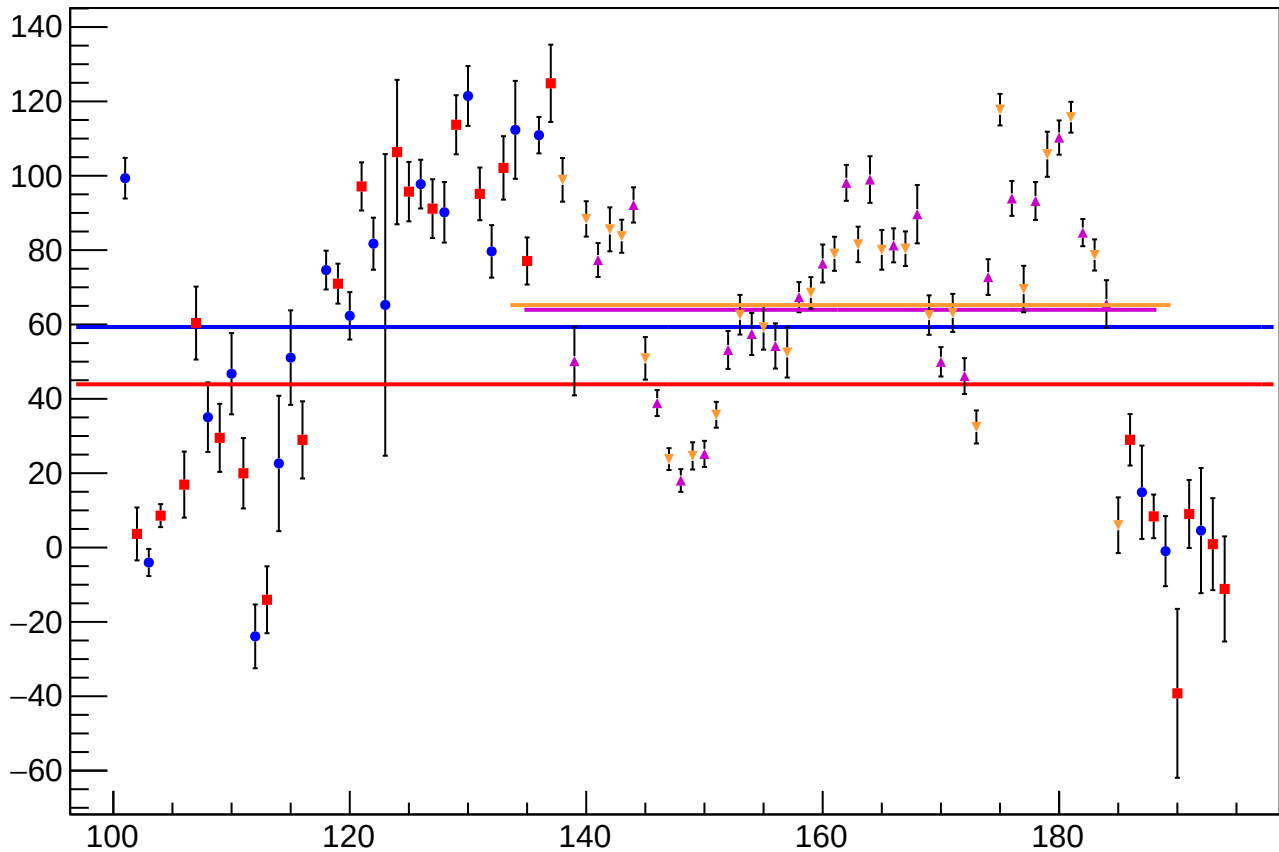
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF:3234.9/22

+ sign 278.933 $\pm$ 0.943 χ^2 /NDF: 12283.8/44

All: 285.682 $\pm$ 0.634 χ^2 /NDF: 29814.1/91

- sign 291.263 $\pm$ 0.857 χ^2 /NDF: 17436.7/46

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 59.319 $\pm$ 1.630 χ^2/NDF : 790.1/19

Left Out: 65.214 $\pm$ 0.938 χ^2/NDF :1005.7/24

Right Out: 43.904 $\pm$ 1.500 χ^2/NDF : 769.2/23

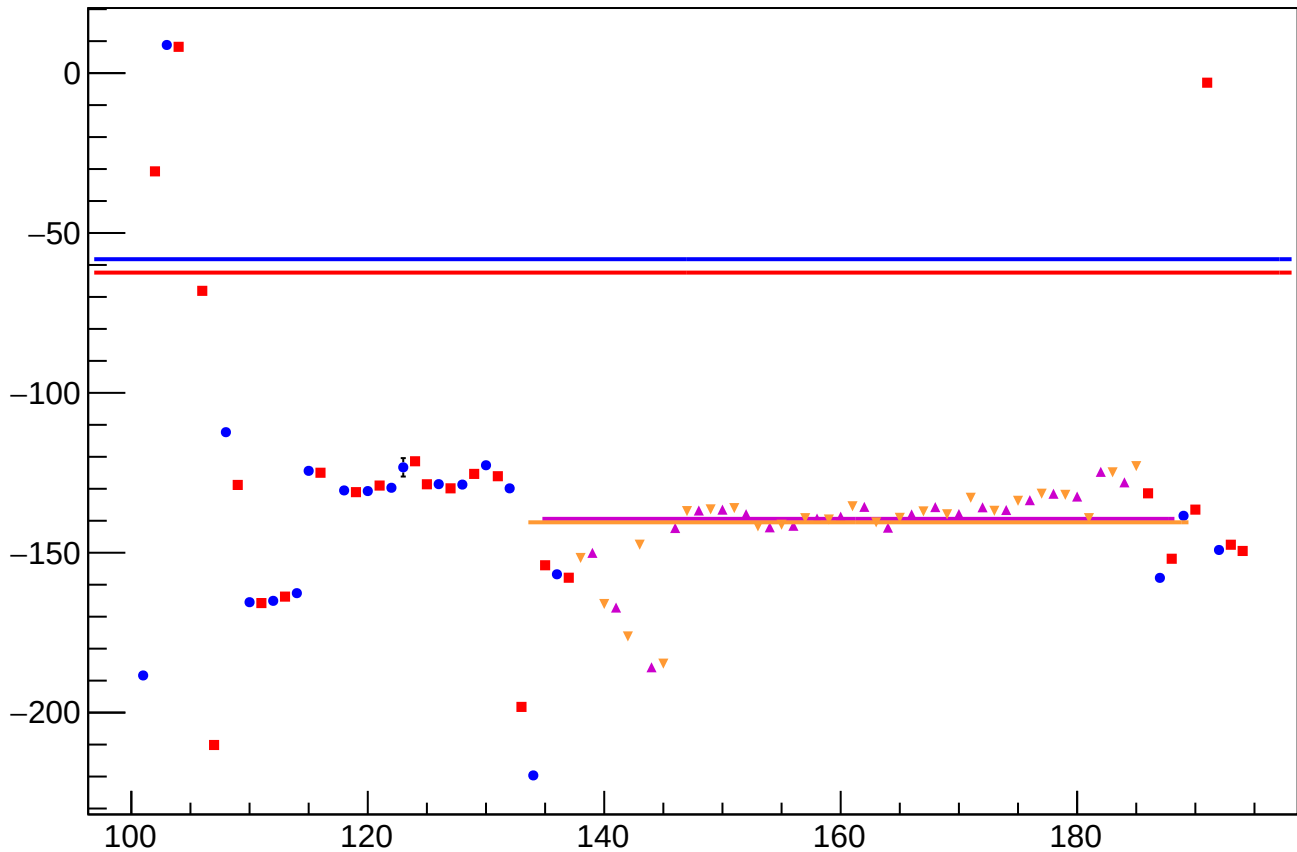
Left In: 63.944 $\pm$ 0.961 χ^2/NDF :803.4/22

+ sign 63.748 $\pm$ 0.813 χ^2/NDF : 1805.6/44

All: 60.917 $\pm$ 0.573 χ^2/NDF : 3528.8/91

- sign 58.116 $\pm$ 0.809 χ^2/NDF : 1699.1/46

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -58.199 ± 0.068 $\chi^2/\text{NDF}: 1317102.0/19$

Left Out: -140.489 ± 0.045 $\chi^2/\text{NDF}: 77350.7/24$

Right Out: -62.391 ± 0.065 $\chi^2/\text{NDF}: 1224550.9/23$

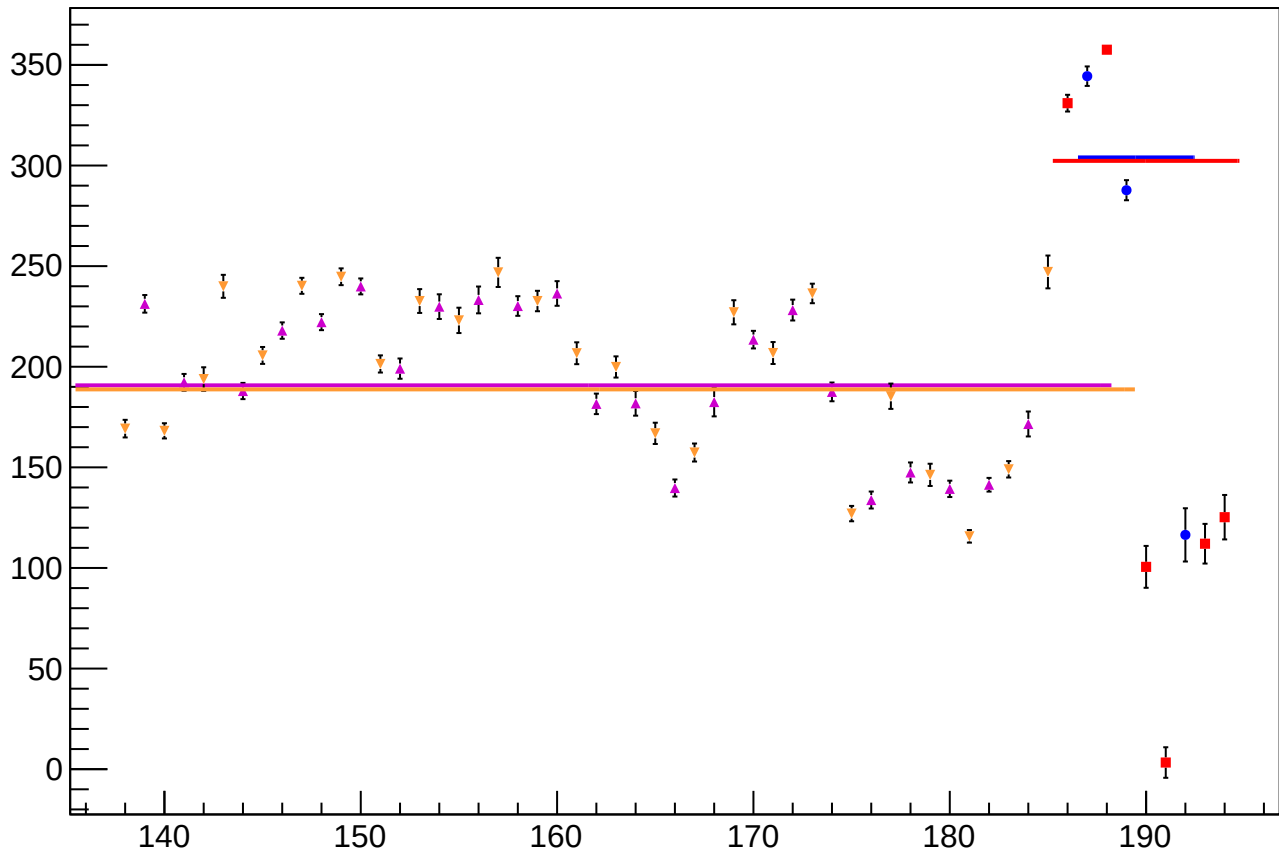
Left In: -139.406 ± 0.045 $\chi^2/\text{NDF}: 62878.4/22$

+ sign -115.910 ± 0.037 $\chi^2/\text{NDF}: 2407104.5/44$

All: -115.229 ± 0.026 $\chi^2/\text{NDF}: 4646739.6/91$

- sign -114.567 ± 0.037 $\chi^2/\text{NDF}: 2238982.7/46$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 304.026 $\pm$ 3.362 χ^2 /NDF: 281.2/2

Left Out: 188.749 $\pm$ 0.958 χ^2 /NDF:1968.6/24

Right Out: 302.321 $\pm$ 1.952 χ^2 /NDF: 3091.2/5

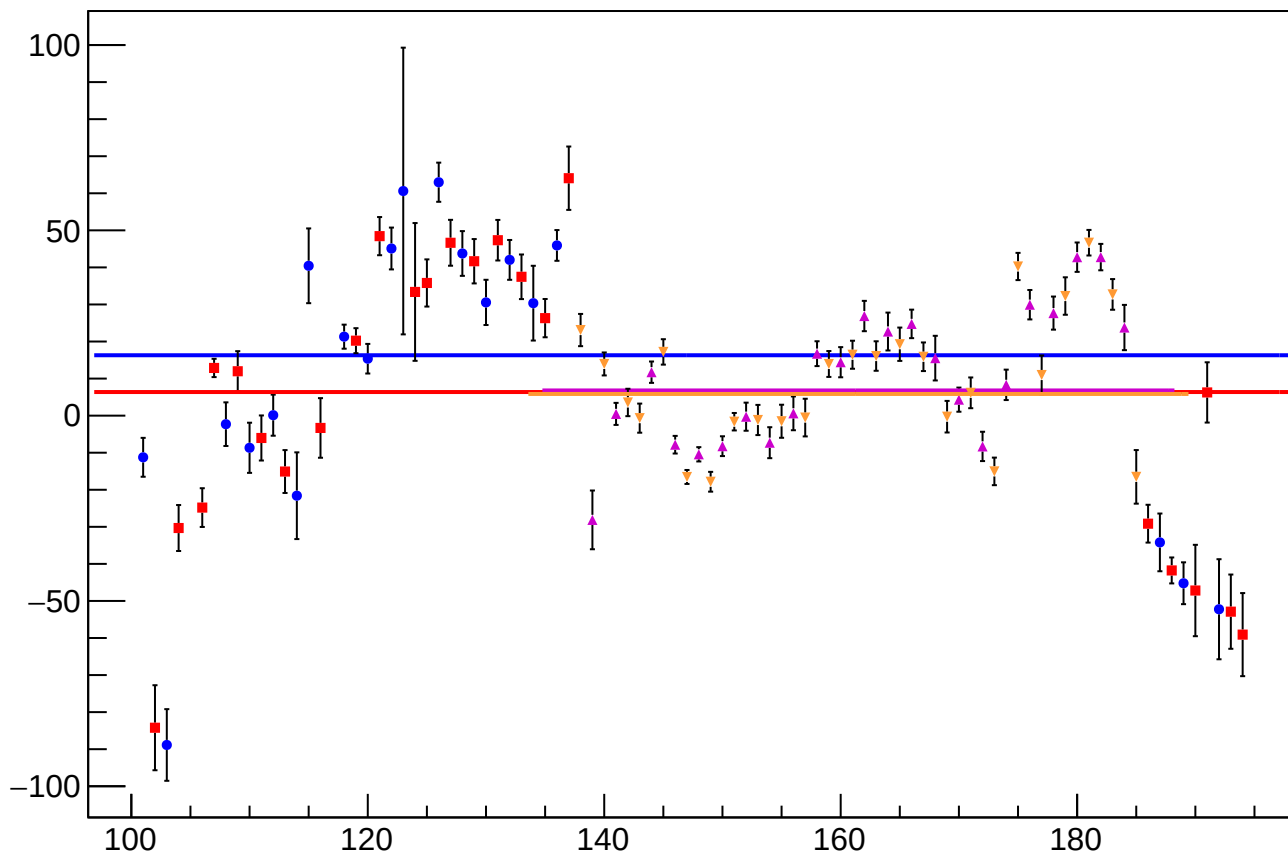
Left In: 190.753 $\pm$ 0.971 χ^2 /NDF:1421.8/22

+ sign 197.407 $\pm$ 0.921 χ^2 /NDF: 3337.1/27

All: 205.589 $\pm$ 0.632 χ^2 /NDF: 10616.9/56

- sign 212.874 $\pm$ 0.869 χ^2 /NDF: 7130.7/28

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 16.297 $\pm$ 1.309 χ^2 /NDF: 590.8/19

Left Out: 5.851 $\pm$ 0.714 χ^2 /NDF: 650.6/24

Right Out: 6.371 $\pm$ 1.104 χ^2 /NDF: 813.2/23

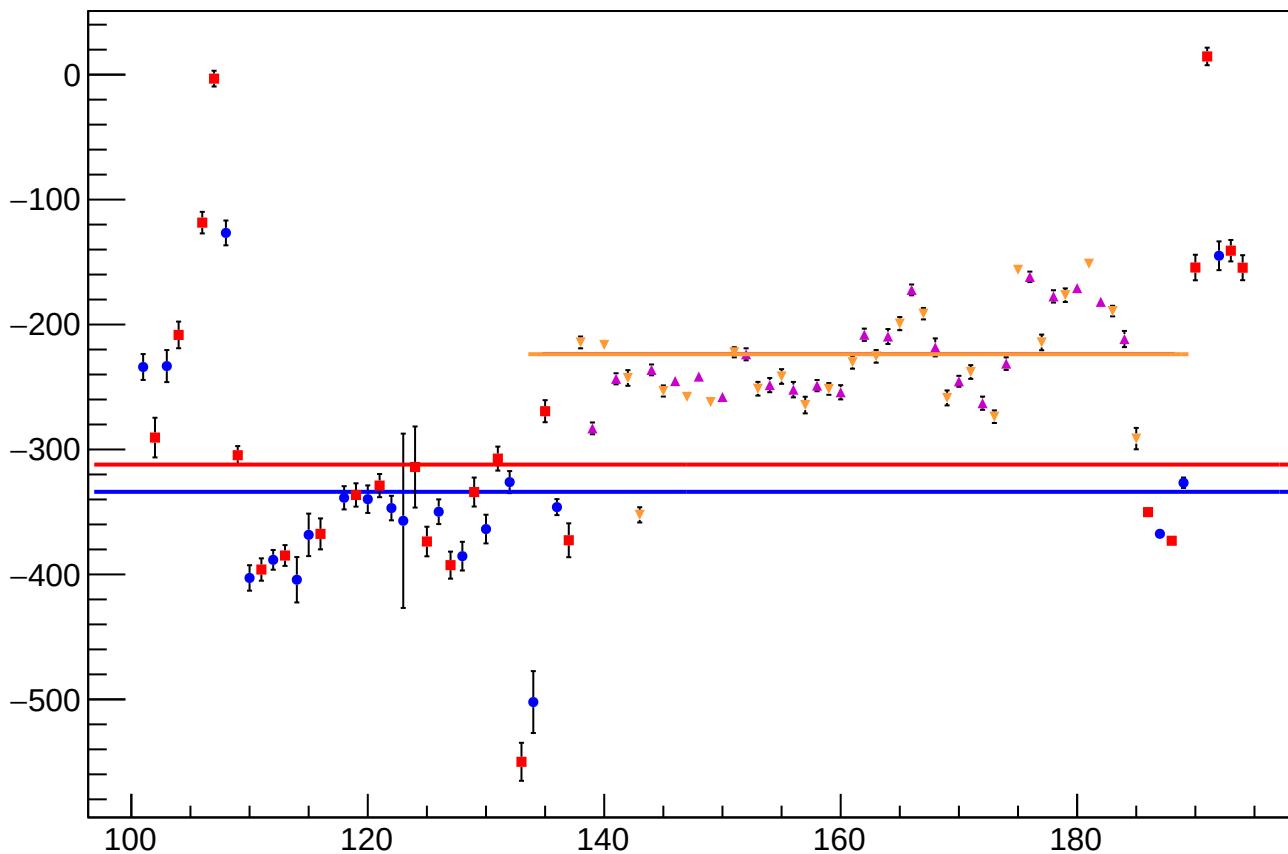
Left In: 6.797 $\pm$ 0.735 χ^2 /NDF: 525.8/22

+ sign 8.247 $\pm$ 0.627 χ^2 /NDF: 1290.5/44

All: 7.437 $\pm$ 0.438 χ^2 /NDF: 2632.9/91

- sign 6.666 $\pm$ 0.612 χ^2 /NDF: 1339.2/46

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -333.885 ± 1.886 $\chi^2/\text{NDF}: 1129.1/19$

Left Out: -223.752 ± 0.958 $\chi^2/\text{NDF}: 2021.5/24$

Right Out: -312.085 ± 1.318 $\chi^2/\text{NDF}: 7657.5/23$

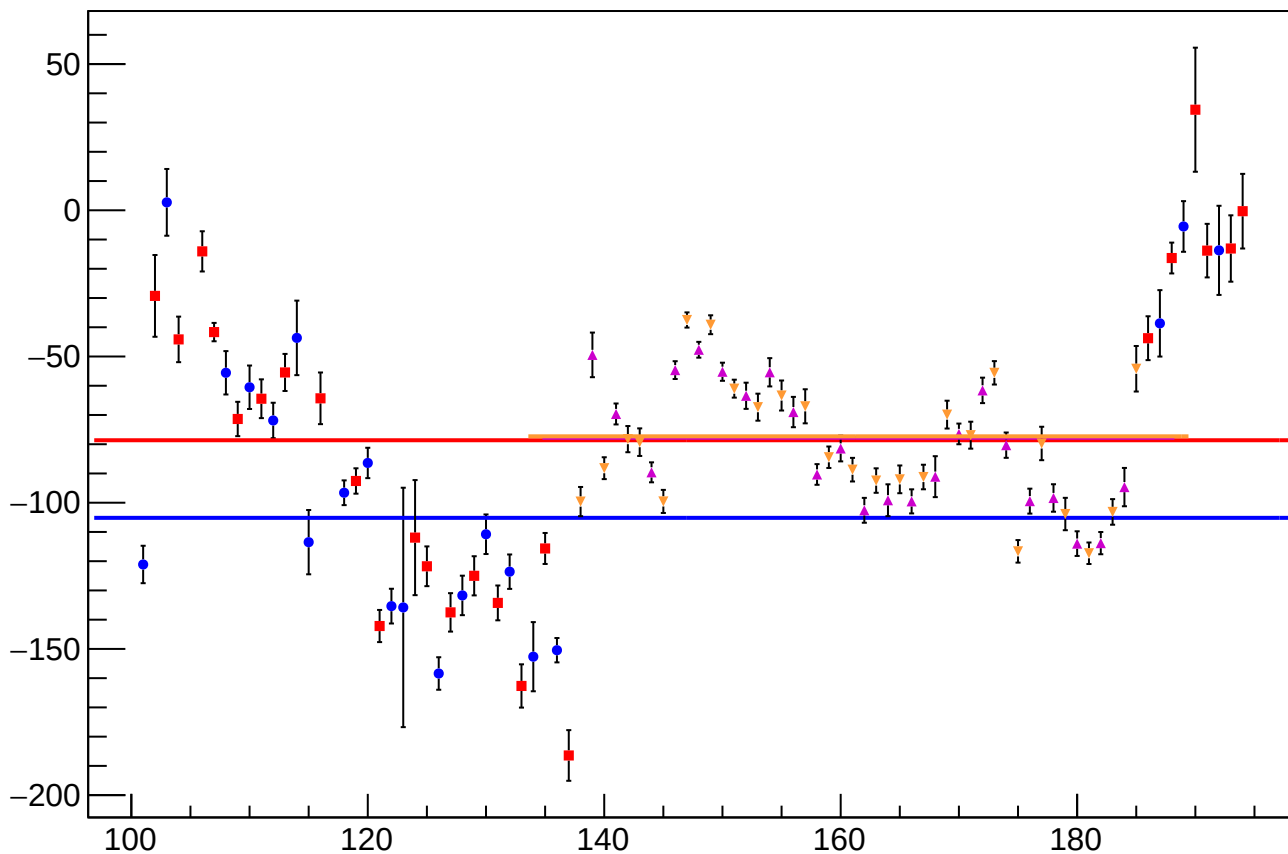
Left In: -223.554 ± 0.966 $\chi^2/\text{NDF}: 1286.5/22$

+ sign -246.334 ± 0.854 $\chi^2/\text{NDF}: 5860.7/44$

All: -250.781 ± 0.576 $\chi^2/\text{NDF}: 17790.8/91$

- sign -254.479 ± 0.779 $\chi^2/\text{NDF}: 11880.4/46$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -105.176 ± 1.530 χ^2/NDF : 728.6/19

Left Out: -77.296 ± 0.829 χ^2/NDF : 844.6/24

Right Out: -78.641 ± 1.328 χ^2/NDF : 1327.2/23

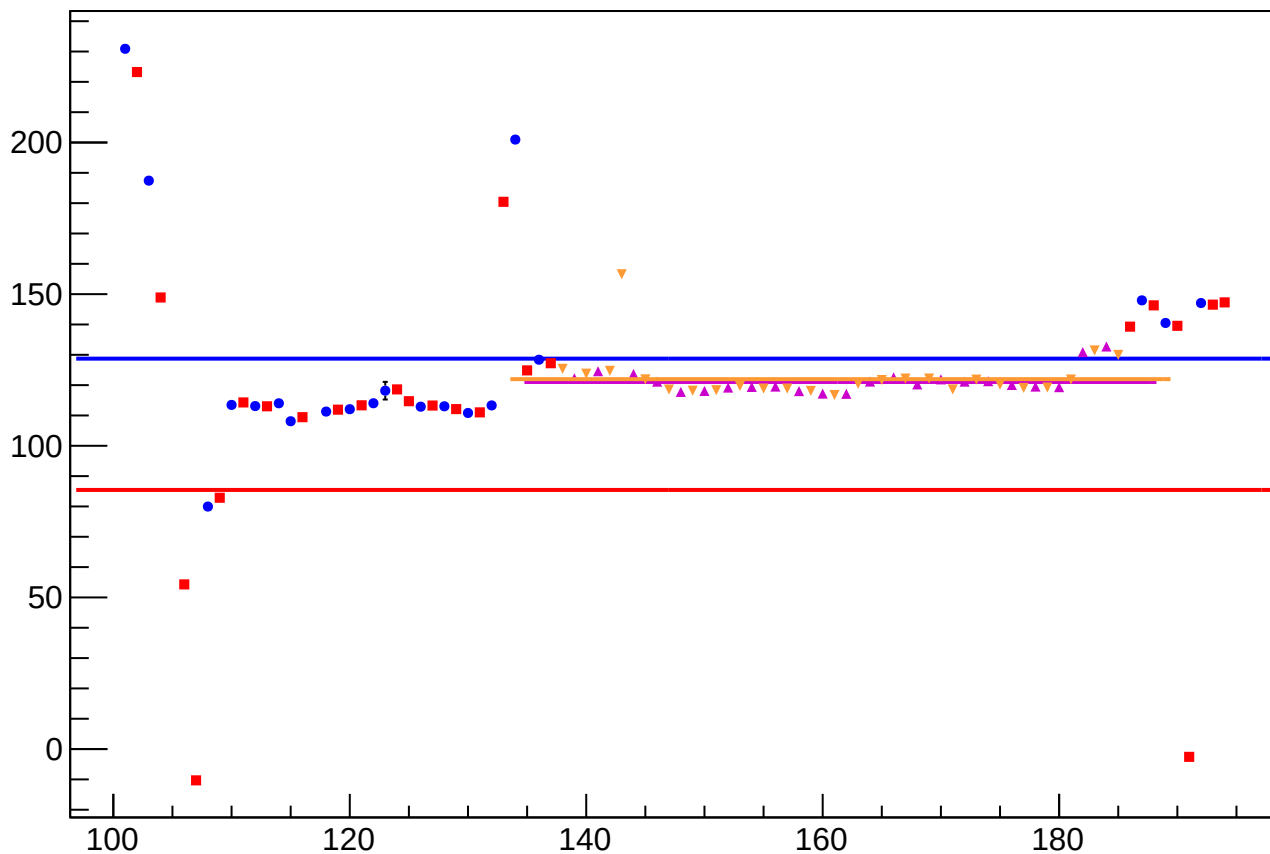
Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

+ sign -83.620 ± 0.729 χ^2/NDF : 1829.9/44

All: -80.766 ± 0.510 χ^2/NDF : 3811.9/91

- sign -78.027 ± 0.714 χ^2/NDF : 1952.0/46

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 128.734 $\pm$ 0.085 χ^2 /NDF: 191532.1/19

Left Out: 121.972 $\pm$ 0.039 χ^2 /NDF: 27431.1/24

Right Out: 85.444 $\pm$ 0.067 χ^2 /NDF: 995855.3/23

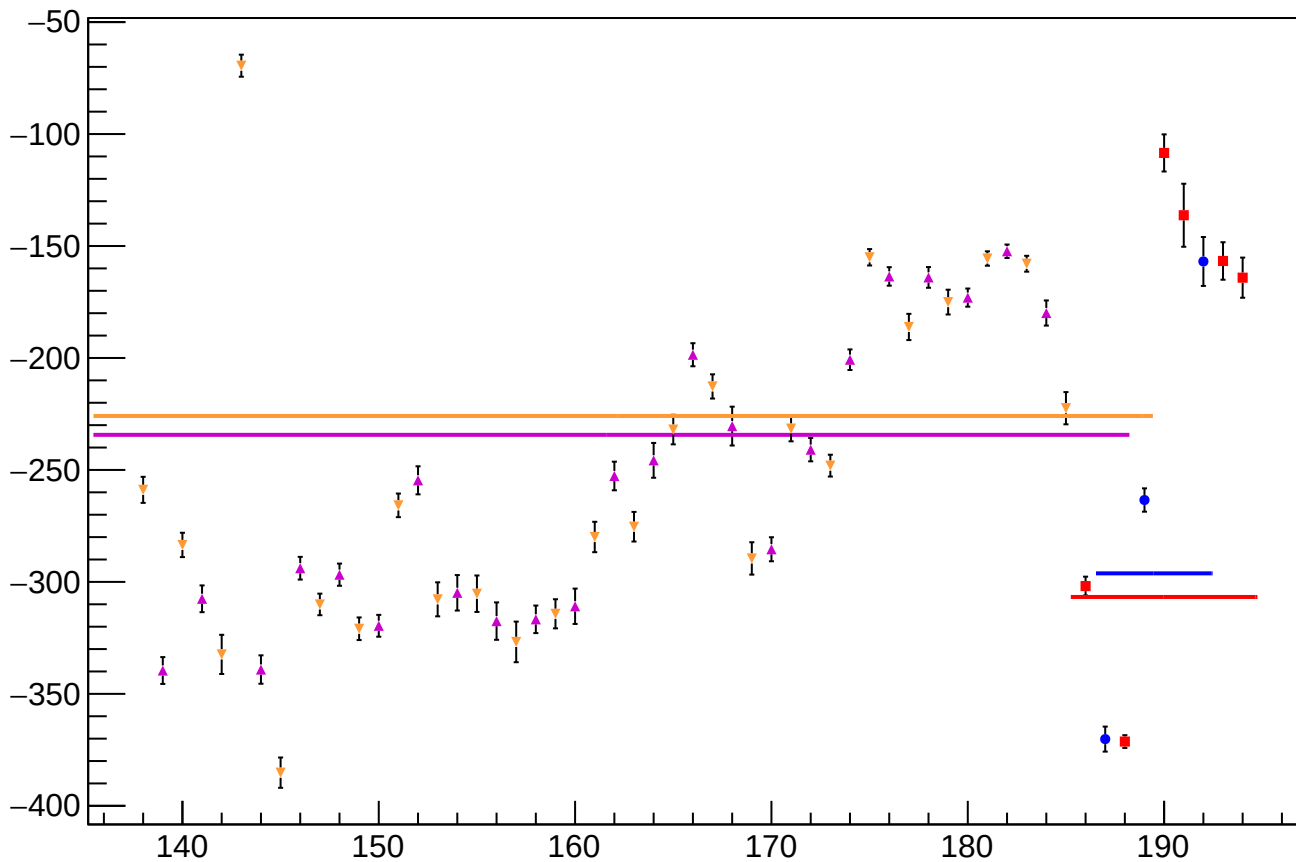
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 123.177 $\pm$ 0.036 χ^2 /NDF: 224183.4/44

All: 117.188 $\pm$ 0.025 χ^2 /NDF: 1491953.4/91

- sign 111.779 $\pm$ 0.034 χ^2 /NDF: 1214524.9/46

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -296.184 ± 3.596 χ^2/NDF : 377.8/2

Left Out: -225.905 ± 1.083 χ^2/NDF : 4669.2/24

Right Out: -306.729 ± 2.104 χ^2/NDF : 1807.0/5

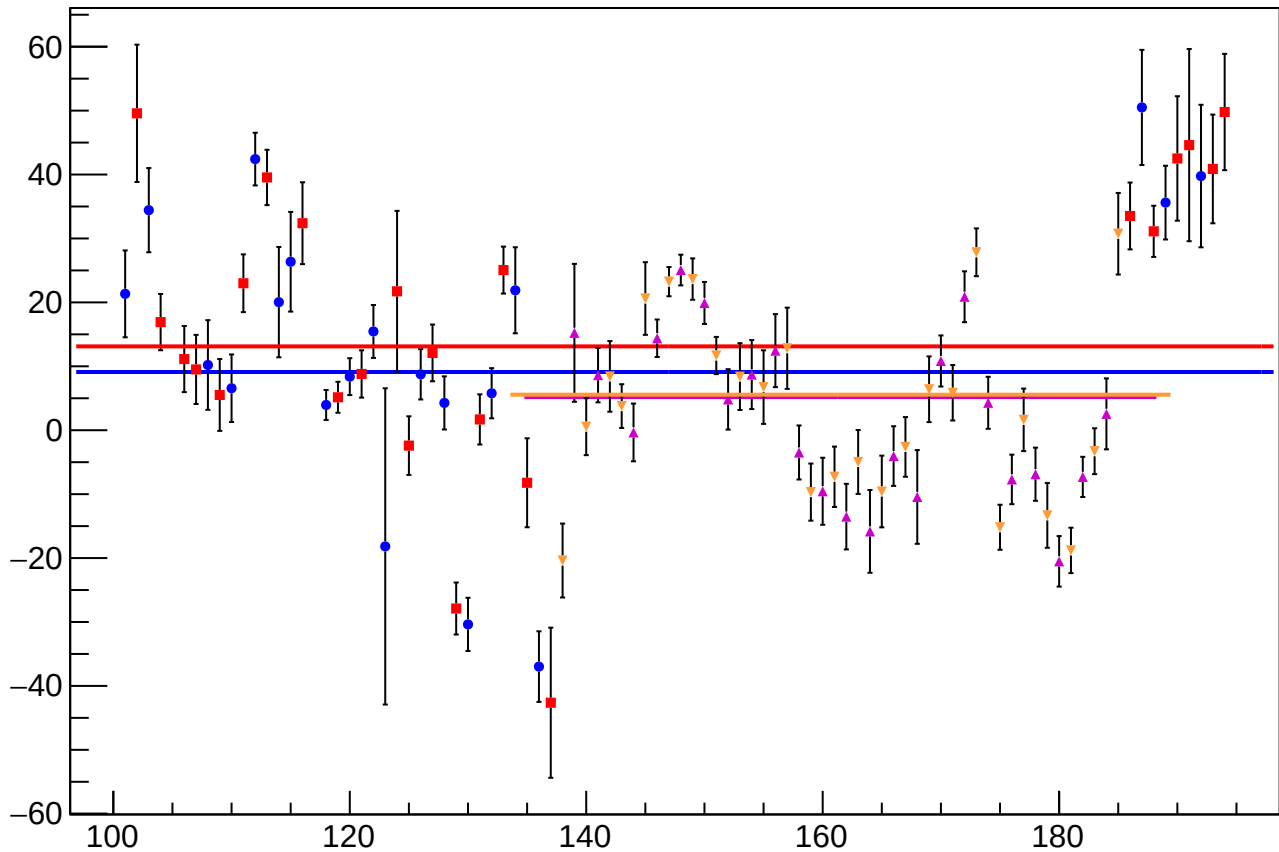
Left In: -234.328 ± 1.104 χ^2/NDF : 3591.9/22

+ sign -231.753 ± 1.037 χ^2/NDF : 5397.0/27

All: -241.394 ± 0.712 χ^2/NDF : 11887.2/56

- sign -249.960 ± 0.978 χ^2/NDF : 6327.1/28

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 9.109 ± 1.053 χ^2/NDF : 313.7/19

Left Out: 5.558 ± 0.832 χ^2/NDF : 313.4/24

Right Out: 13.117 ± 0.997 χ^2/NDF : 318.2/23

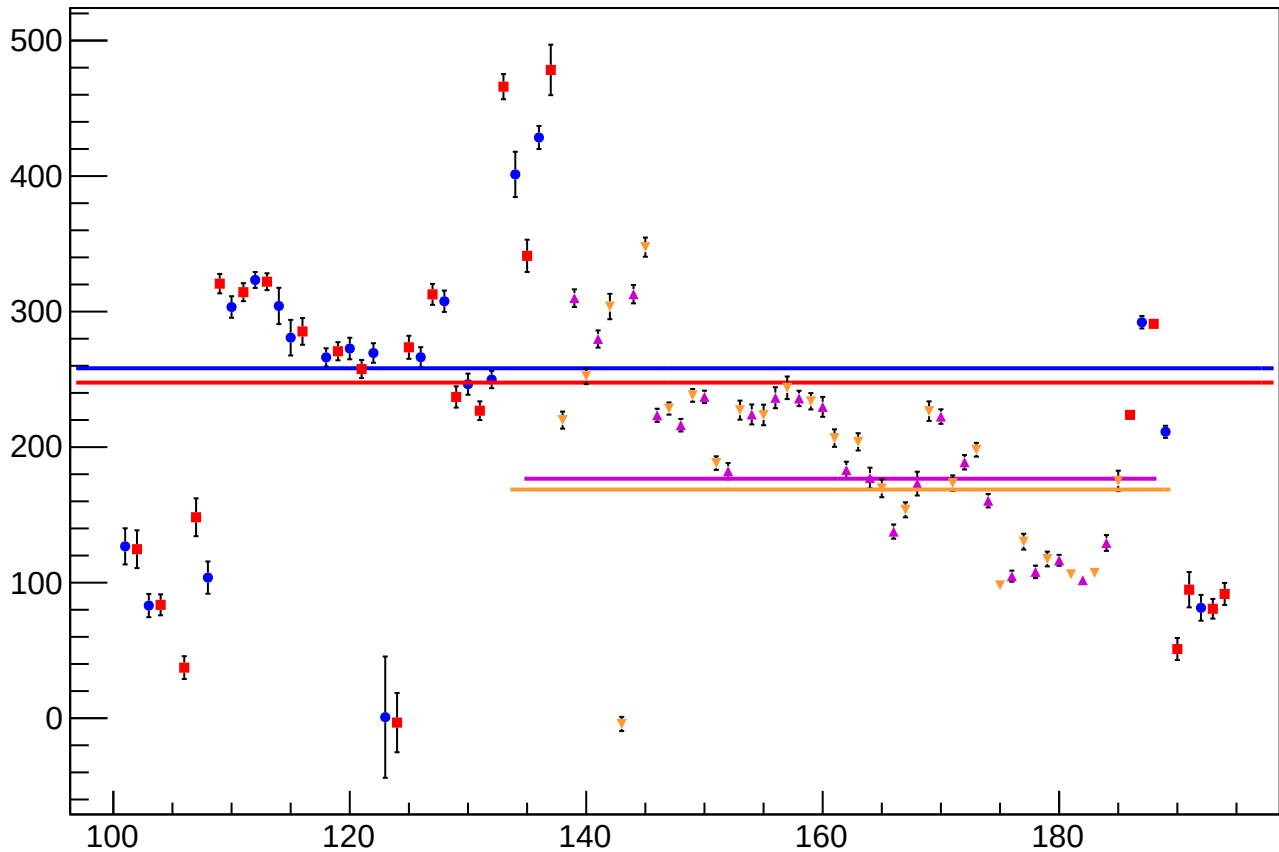
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 6.923 ± 0.653 χ^2/NDF : 634.1/44

All: 7.759 ± 0.462 χ^2/NDF : 1234.8/91

- sign 8.598 ± 0.654 χ^2/NDF : 597.4/46

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 258.186 $\pm$ 1.710 χ^2 /NDF: 1915.7/19

Left Out: 168.699 $\pm$ 1.086 χ^2 /NDF: 4238.2/24

Right Out: 247.634 $\pm$ 1.305 χ^2 /NDF: 4587.8/23

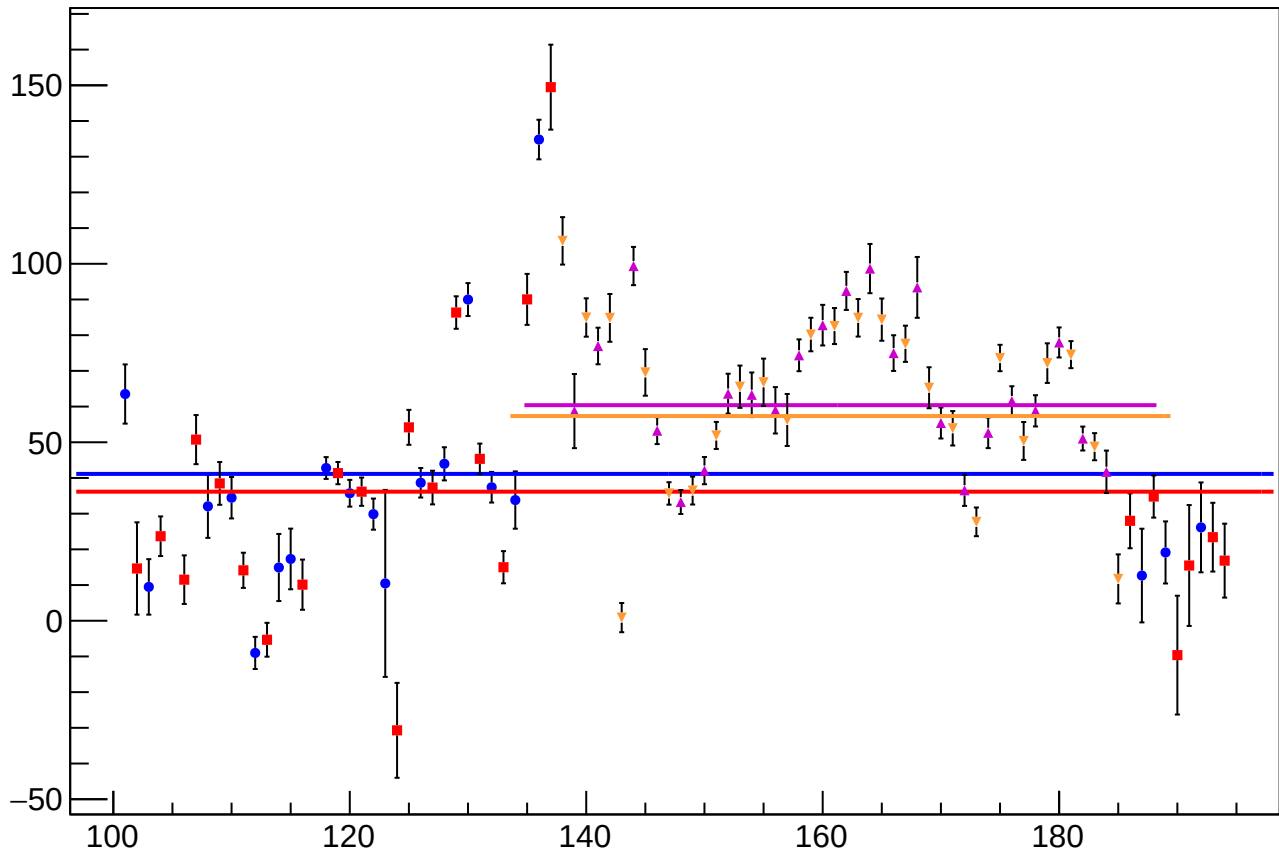
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 194.425 $\pm$ 0.917 χ^2 /NDF: 8104.3/44

All: 200.836 $\pm$ 0.620 χ^2 /NDF: 17741.3/91

- sign 206.237 $\pm$ 0.842 χ^2 /NDF: 9547.0/46

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.138 ± 1.231 χ^2/NDF : 588.6/19

Left Out: 57.343 ± 0.956 χ^2/NDF : 641.5/24

Right Out: 36.159 ± 1.174 χ^2/NDF : 488.9/23

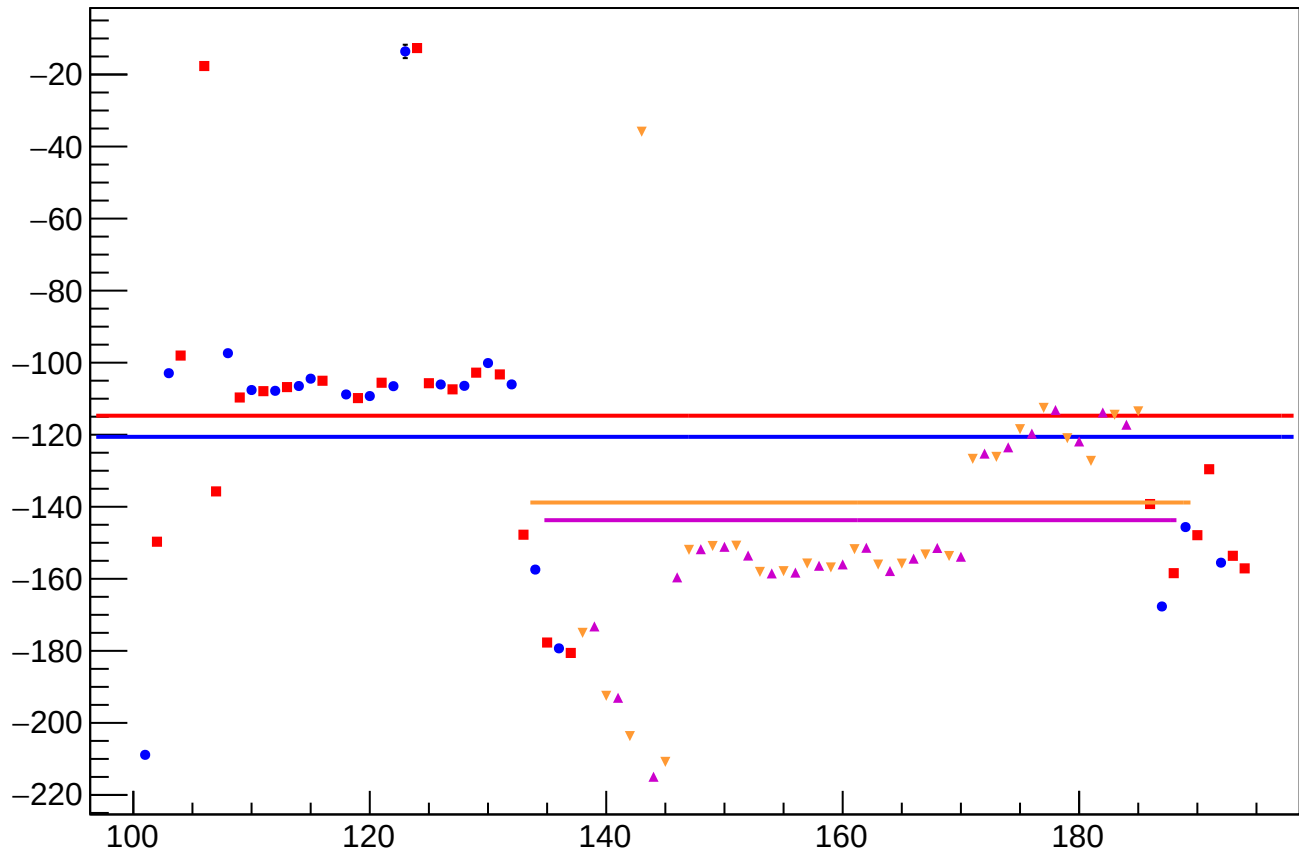
Left In: 60.392 ± 0.987 χ^2/NDF : 341.2/22

+ sign 51.245 ± 0.755 χ^2/NDF : 1338.1/44

All: 50.800 ± 0.534 χ^2/NDF : 2418.6/91

- sign 50.354 ± 0.756 χ^2/NDF : 1079.8/46

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -120.588 ± 0.074 $\chi^2/\text{NDF}: 160305.9/19$

Left Out: -138.821 ± 0.045 $\chi^2/\text{NDF}: 525537.6/24$

Right Out: -114.723 ± 0.065 $\chi^2/\text{NDF}: 400788.4/23$

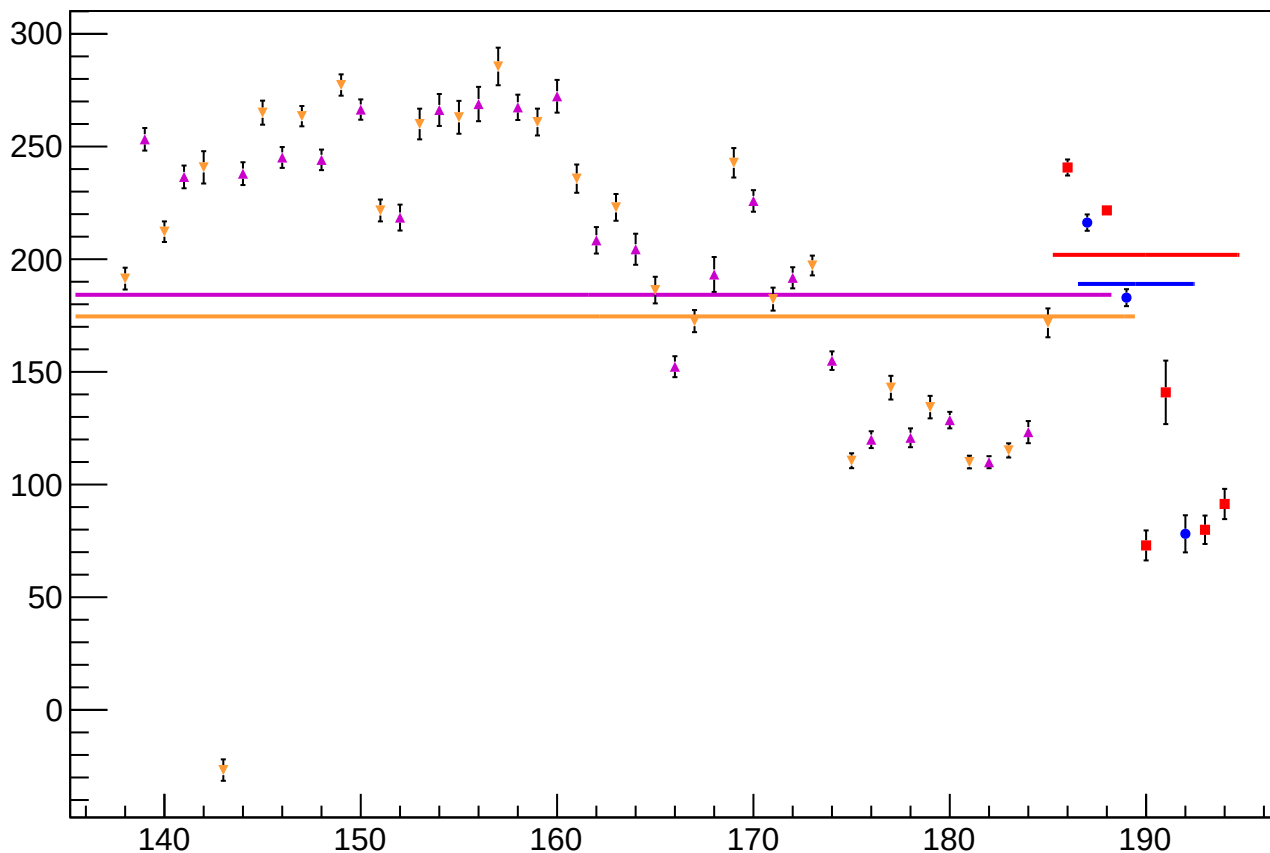
Left In: -143.726 ± 0.046 $\chi^2/\text{NDF}: 260994.5/22$

+ sign -133.894 ± 0.039 $\chi^2/\text{NDF}: 729611.0/44$

All: -134.017 ± 0.027 $\chi^2/\text{NDF}: 1523448.3/91$

- sign -134.132 ± 0.038 $\chi^2/\text{NDF}: 793817.9/46$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 189.026 $\pm$ 2.491 χ^2 /NDF: 240.1/2

Left Out: 174.613 $\pm$ 0.969 χ^2 /NDF:5551.3/24

Right Out: 201.933 $\pm$ 1.504 χ^2 /NDF: 1270.6/5

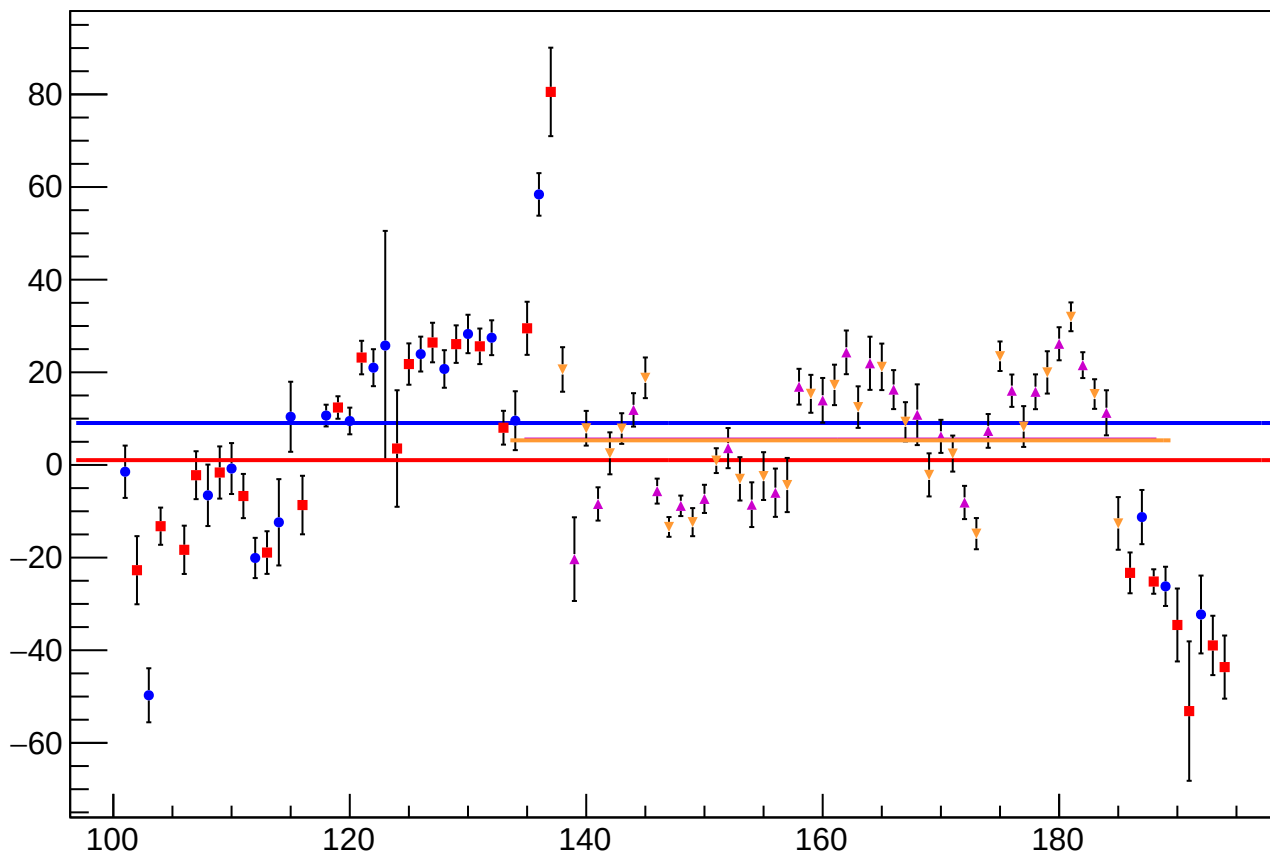
Left In: 184.205 $\pm$ 0.987 χ^2 /NDF:3637.1/22

+ sign 176.507 $\pm$ 0.903 χ^2 /NDF: 5820.5/27

All: 183.609 $\pm$ 0.609 χ^2 /NDF: 10938.7/56

- sign 189.538 $\pm$ 0.825 χ^2 /NDF: 5004.7/28

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 9.055 ± 1.002 $\chi^2/\text{NDF}: 464.4/19$

Left Out: 5.314 ± 0.750 $\chi^2/\text{NDF}: 345.1/24$

Right Out: 1.040 ± 0.926 $\chi^2/\text{NDF}: 598.8/23$

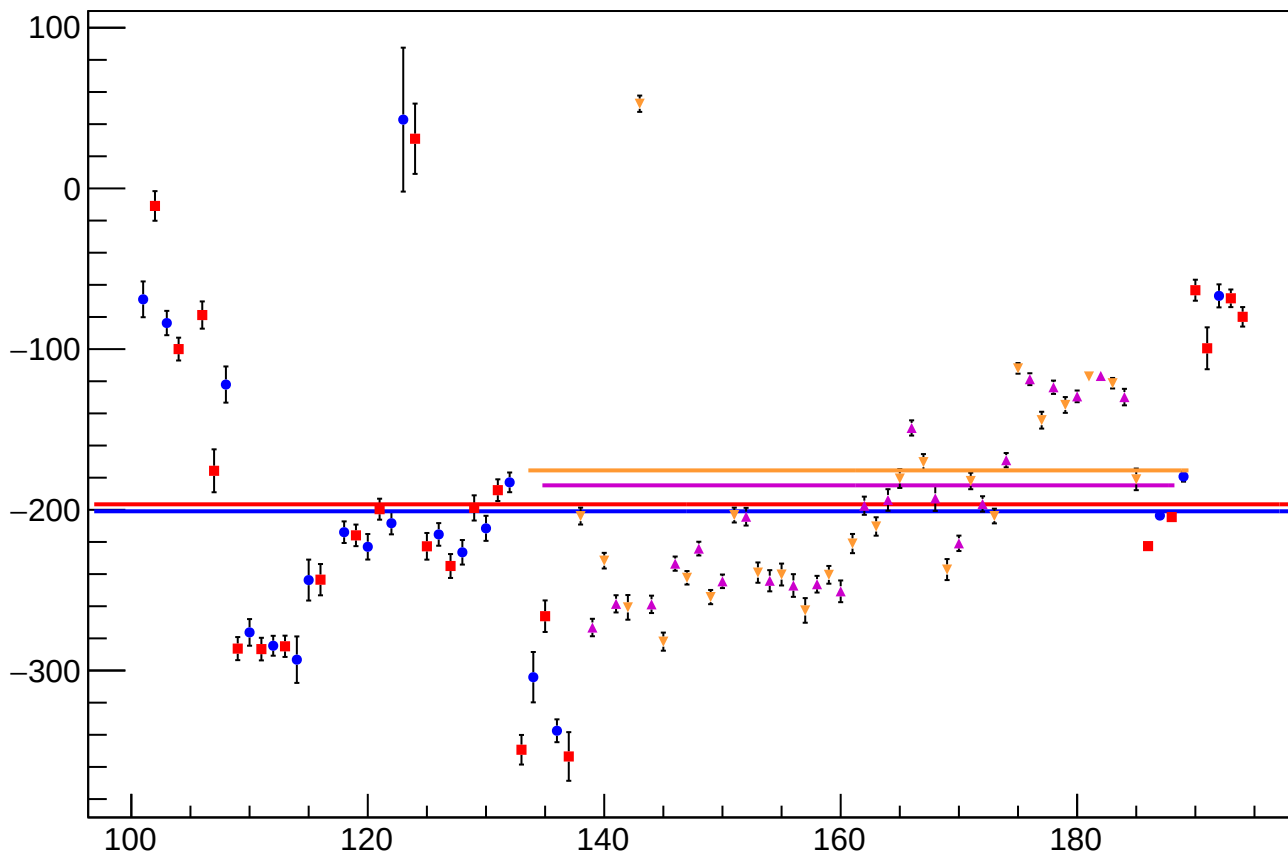
Left In: 5.483 ± 0.779 $\chi^2/\text{NDF}: 259.1/22$

+ sign 6.659 ± 0.601 $\chi^2/\text{NDF}: 818.5/44$

All: 5.139 ± 0.423 $\chi^2/\text{NDF}: 1702.6/91$

- sign 3.642 ± 0.596 $\chi^2/\text{NDF}: 871.4/46$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -200.915 ± 1.443 $\chi^2/\text{NDF}: 1624.6/19$

Left Out: -175.470 ± 0.974 $\chi^2/\text{NDF}: 5103.8/24$

Right Out: -196.575 ± 1.038 $\chi^2/\text{NDF}: 3394.3/23$

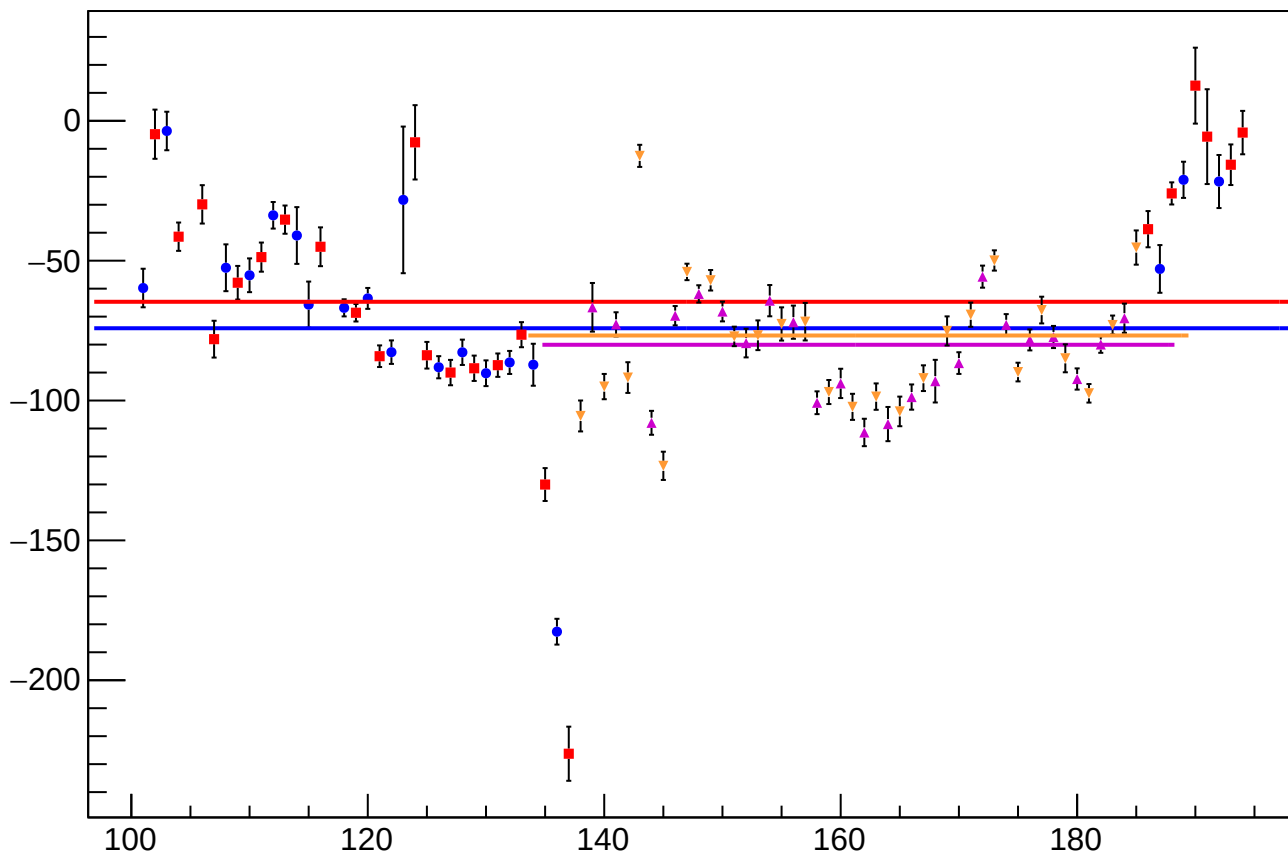
Left In: -184.774 ± 0.987 $\chi^2/\text{NDF}: 3082.4/22$

+ sign -183.436 ± 0.807 $\chi^2/\text{NDF}: 6942.2/44$

All: -187.323 ± 0.535 $\chi^2/\text{NDF}: 13528.2/91$

- sign -190.375 ± 0.715 $\chi^2/\text{NDF}: 6544.6/46$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -74.156 ± 1.177 $\chi^2/\text{NDF}: 928.1/19$

Left Out: -76.747 ± 0.861 $\chi^2/\text{NDF}: 746.8/24$

Right Out: -64.695 ± 1.107 $\chi^2/\text{NDF}: 971.6/23$

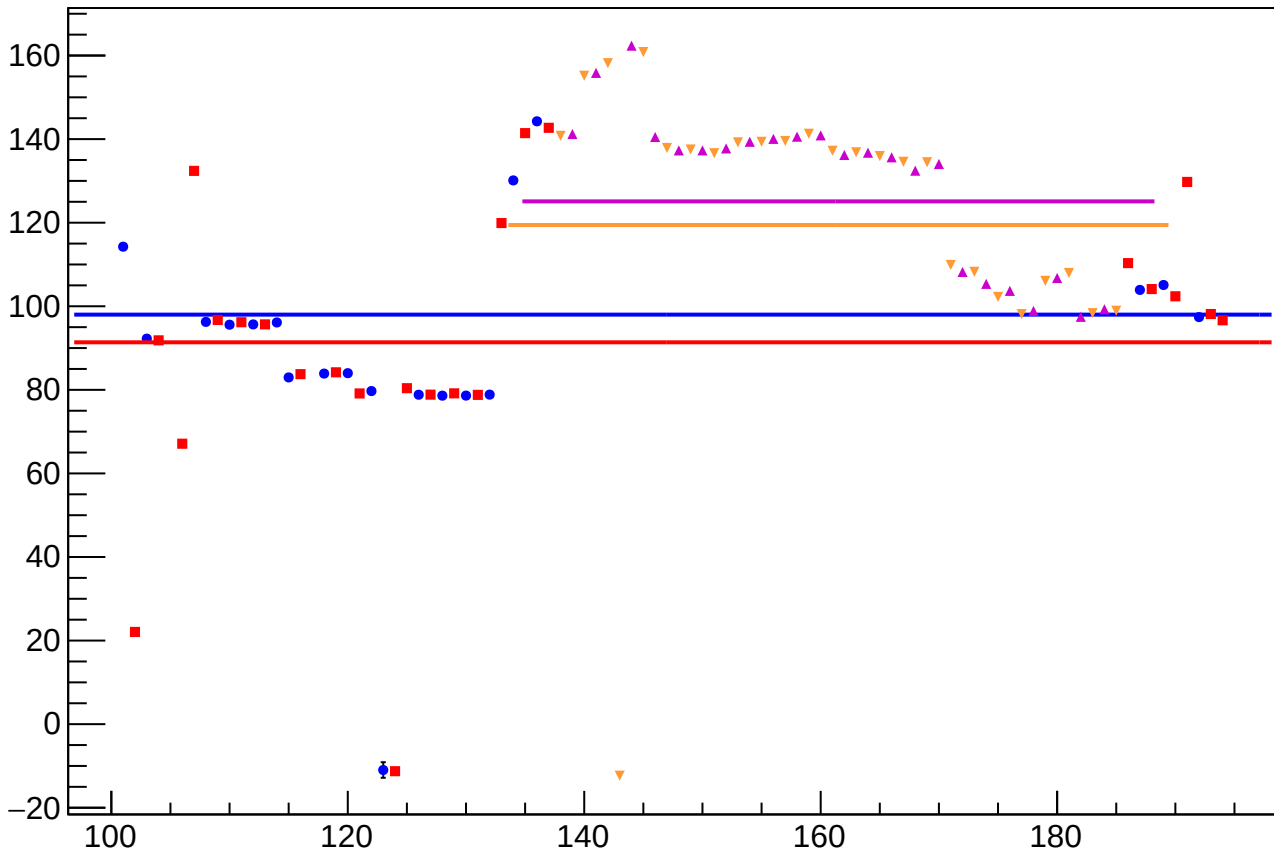
Left In: -80.068 ± 0.886 $\chi^2/\text{NDF}: 286.8/22$

+ sign -75.845 ± 0.695 $\chi^2/\text{NDF}: 1678.1/44$

All: -74.949 ± 0.490 $\chi^2/\text{NDF}: 3057.4/91$

- sign -74.062 ± 0.692 $\chi^2/\text{NDF}: 1376.0/46$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.998 +/- 0.068 χ^2/NDF : 95274.9/19

Left Out: 119.448 +/- 0.041 χ^2/NDF : 660075.8/24

Right Out: 91.375 +/- 0.059 χ^2/NDF : 239776.9/23

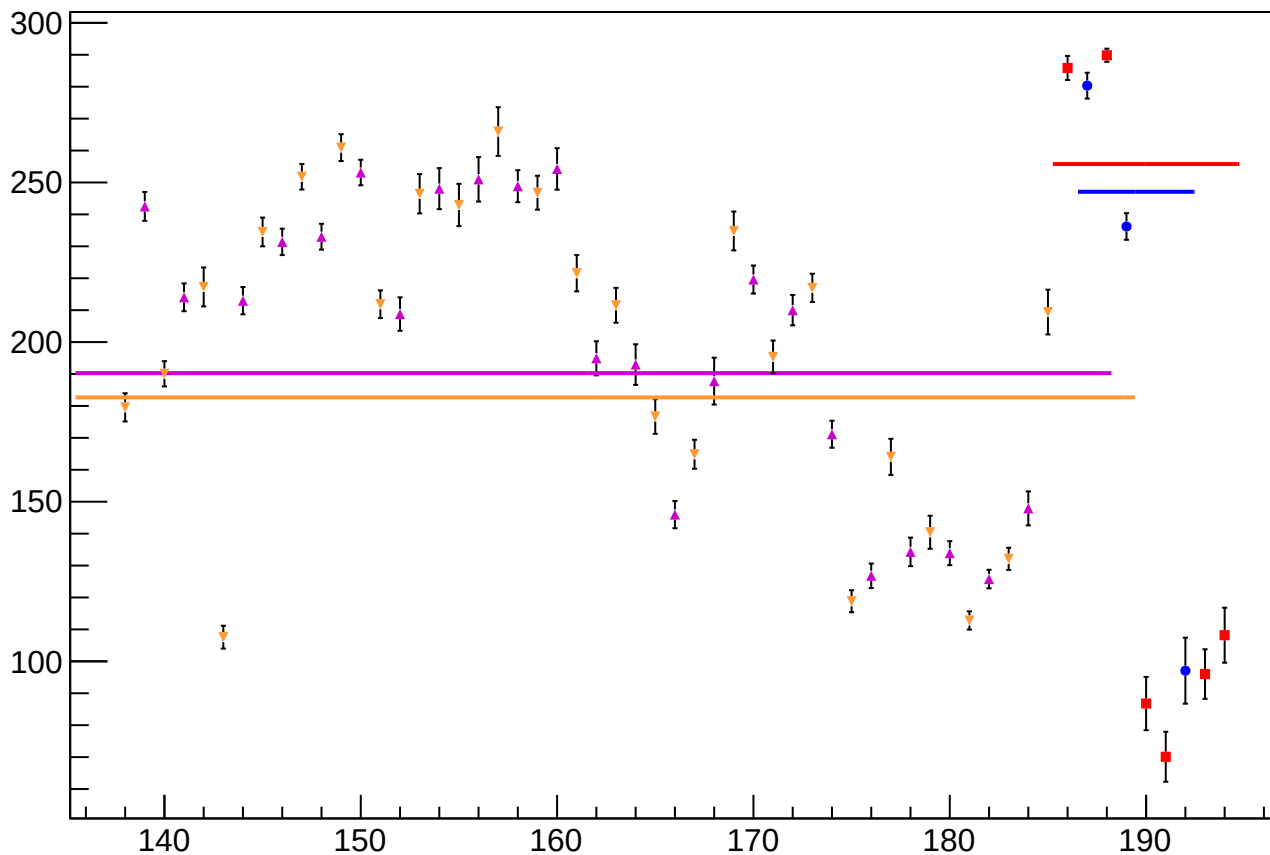
Left In: 125.101 +/- 0.041 χ^2/NDF : 222793.3/22

+ sign 113.860 +/- 0.035 χ^2/NDF : 827970.5/44

All: 113.916 +/- 0.024 χ^2/NDF : 1512842.6/91

- sign 113.968 +/- 0.034 χ^2/NDF : 684867.2/46

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 247.088 $\pm$ 2.797 χ^2 /NDF: 285.2/2

Left Out: 182.672 $\pm$ 0.919 χ^2 /NDF:3230.7/24

Right Out: 255.768 $\pm$ 1.655 χ^2 /NDF: 2023.7/5

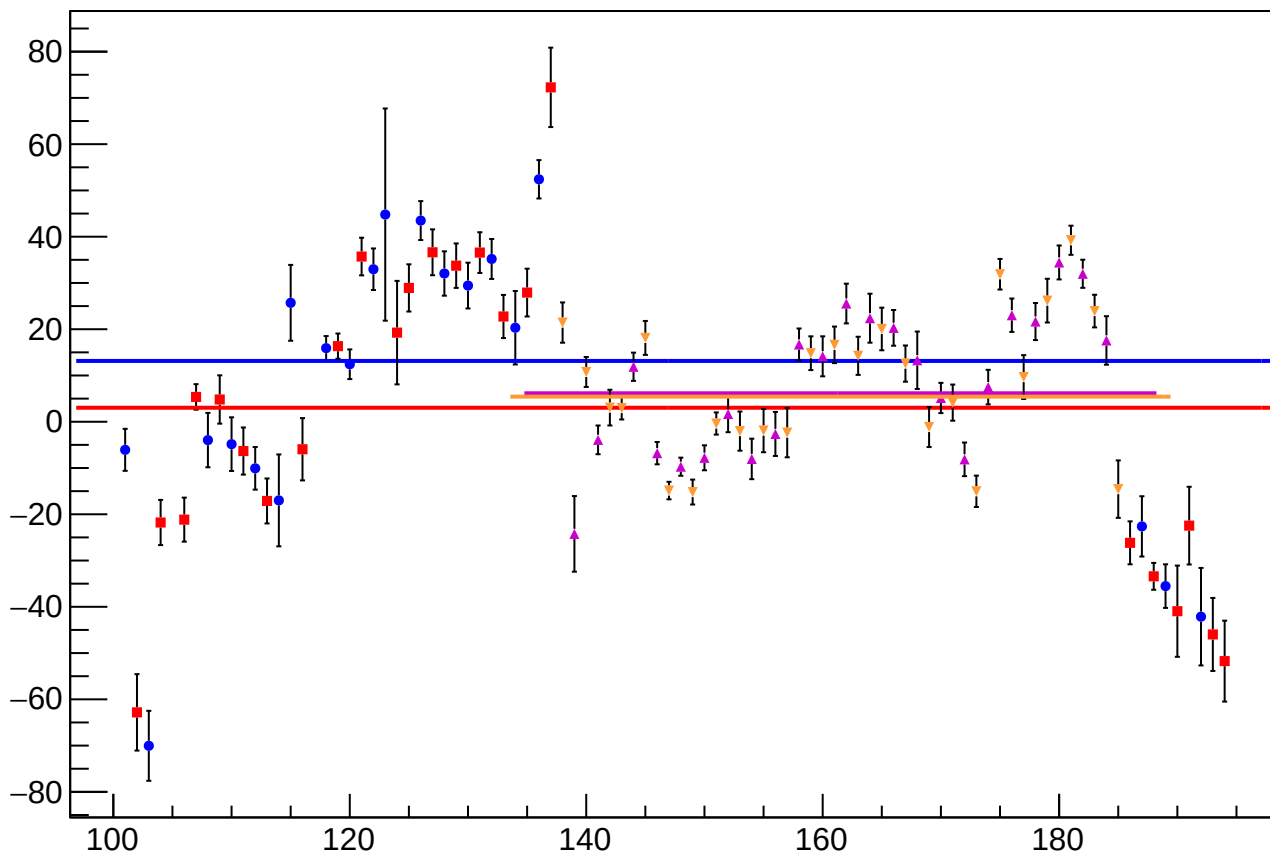
Left In: 190.279 $\pm$ 0.949 χ^2 /NDF:2452.9/22

+ sign 188.942 $\pm$ 0.873 χ^2 /NDF: 3994.6/27

All: 198.221 $\pm$ 0.599 χ^2 /NDF: 9863.1/56

- sign 206.479 $\pm$ 0.823 χ^2 /NDF: 5654.8/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 13.144 $\pm$ 1.092 χ^2 /NDF: 575.9/19

Left Out: 5.425 $\pm$ 0.693 χ^2 /NDF:525.2/24

Right Out: 3.030 $\pm$ 0.969 χ^2 /NDF: 809.8/23

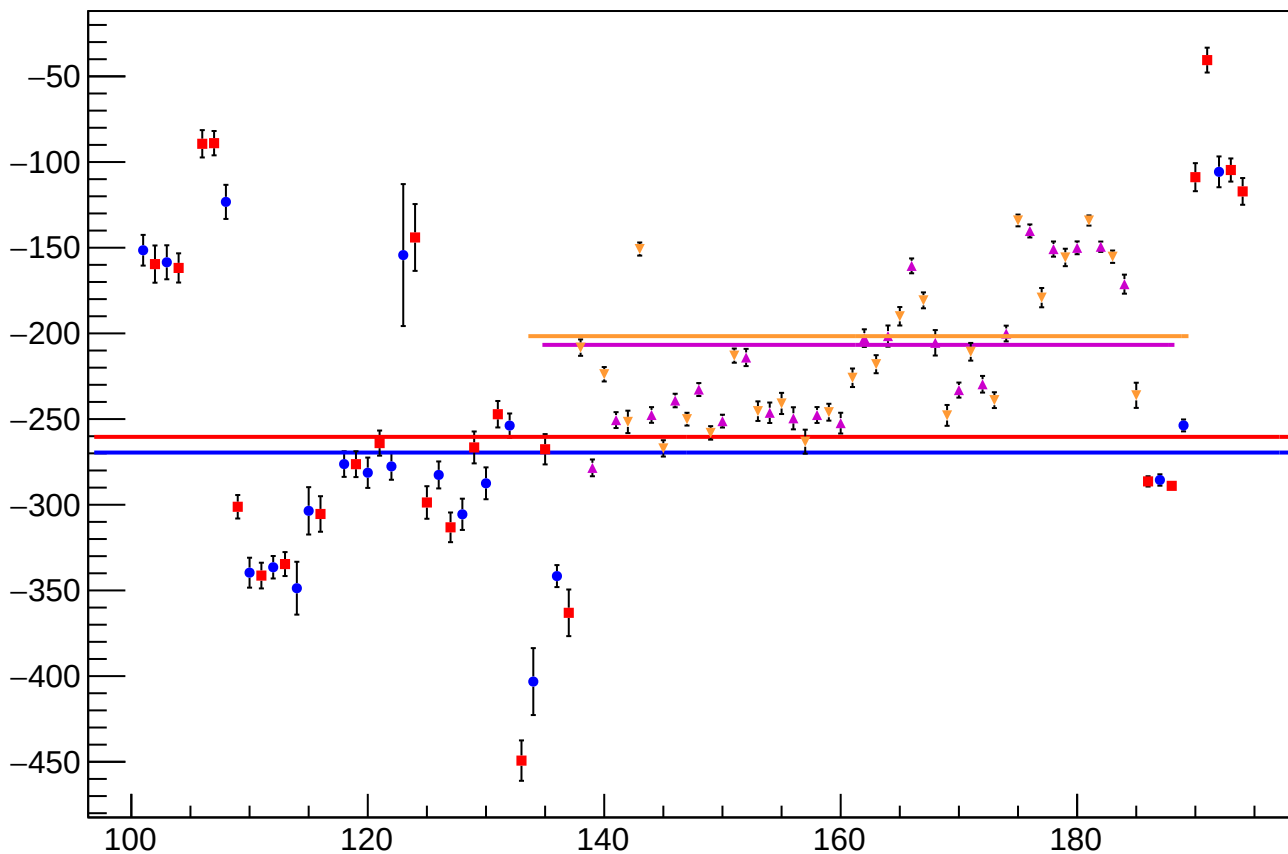
Left In: 6.151 $\pm$ 0.730 χ^2 /NDF:410.6/22

+ sign 7.640 $\pm$ 0.585 χ^2 /NDF: 1136.6/44

All: 6.326 $\pm$ 0.413 χ^2 /NDF: 2373.6/91

- sign 5.021 $\pm$ 0.583 χ^2 /NDF: 1226.9/46

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -269.536 ± 1.585 χ^2/NDF : 1303.2/19

Left Out: -201.610 ± 0.922 χ^2/NDF : 2462.4/24

Right Out: -260.383 ± 1.126 χ^2/NDF : 4458.0/23

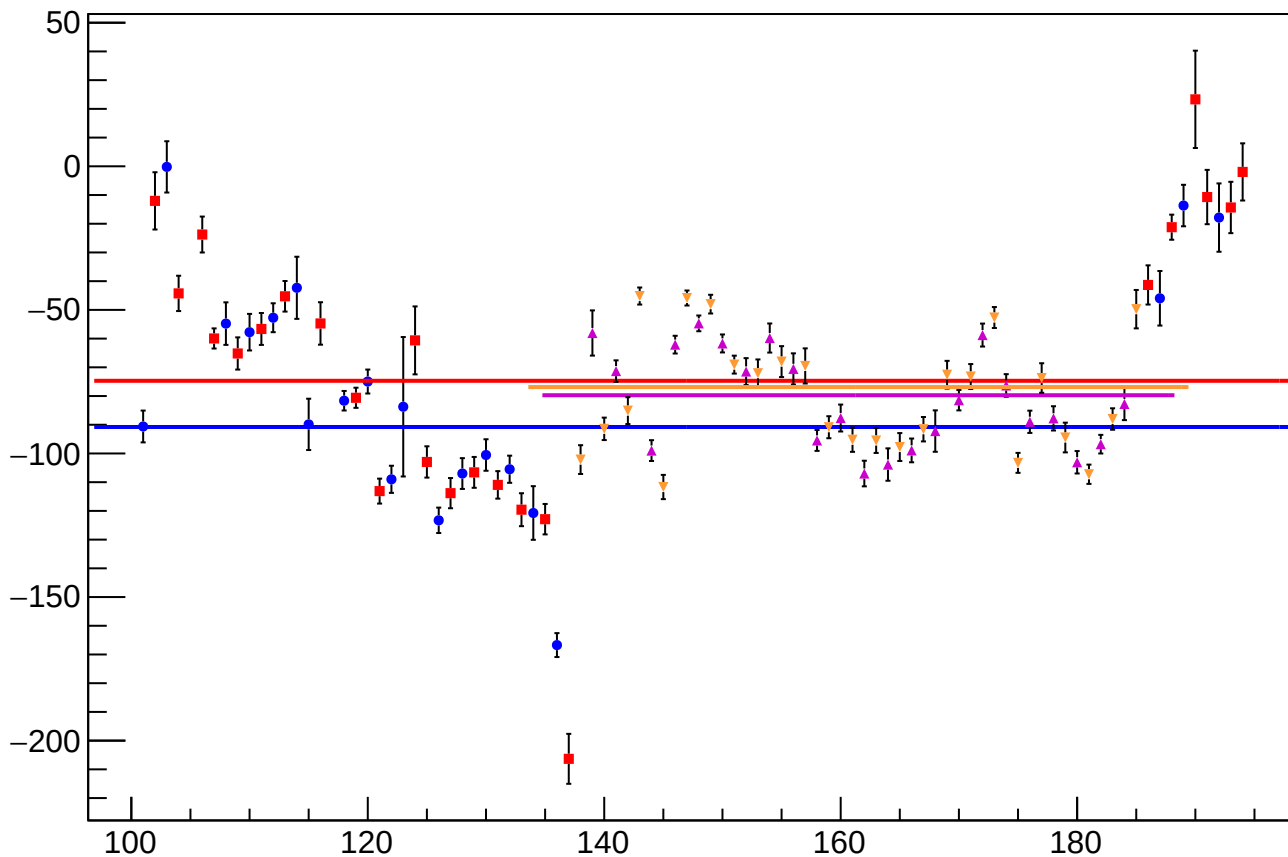
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -218.801 ± 0.797 χ^2/NDF : 5138.0/44

All: -224.344 ± 0.536 χ^2/NDF : 13151.7/91

- sign -228.919 ± 0.724 χ^2/NDF : 7925.5/46

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -90.781 $\pm$ 1.281 χ^2/NDF : 859.6/19

Left Out: -76.870 $\pm$ 0.802 χ^2/NDF : 758.7/24

Right Out: -74.691 $\pm$ 1.162 χ^2/NDF : 1181.7/23

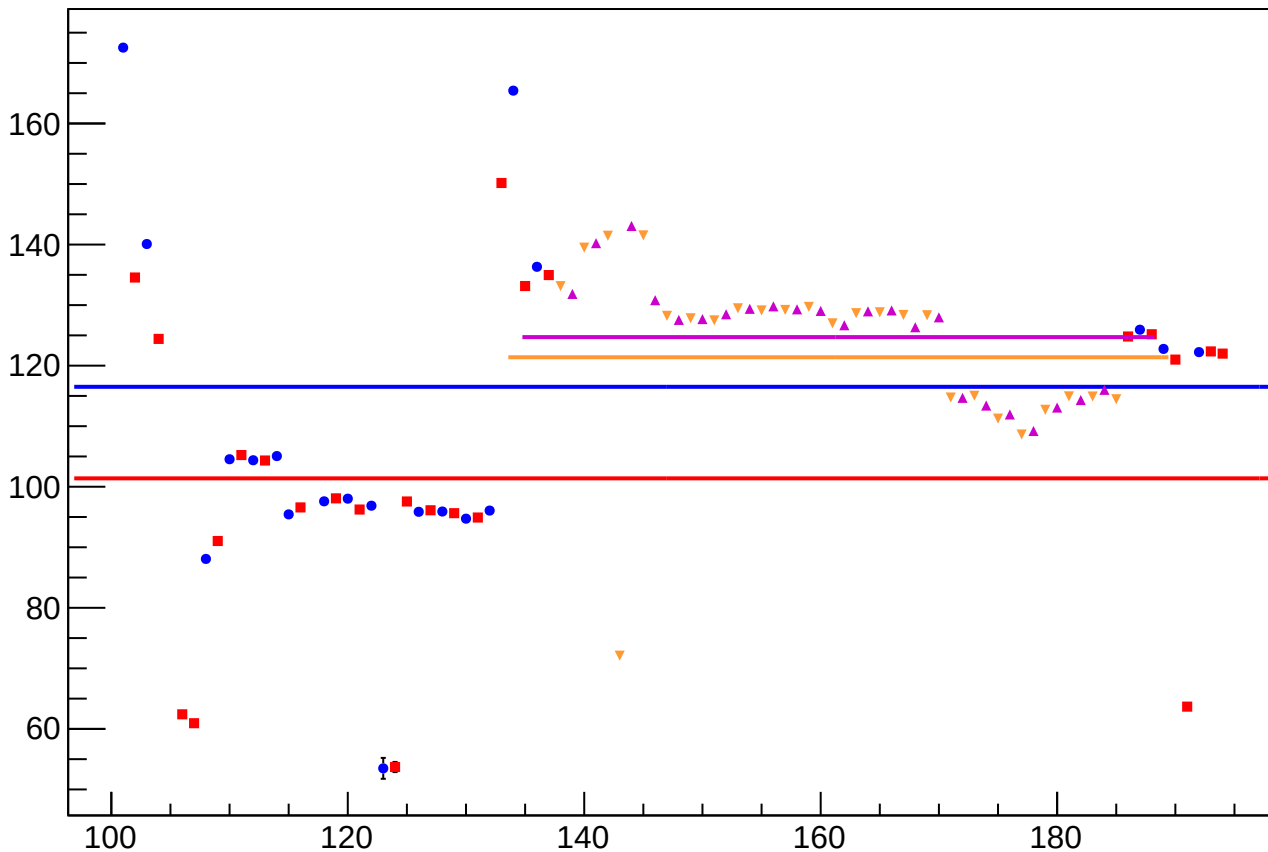
Left In: -79.719 $\pm$ 0.837 χ^2/NDF : 415.2/22

+ sign -80.784 $\pm$ 0.680 χ^2/NDF : 1703.0/44

All: -79.391 $\pm$ 0.480 χ^2/NDF : 3320.6/91

- sign -77.999 $\pm$ 0.679 χ^2/NDF : 1609.2/46

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 116.505 +/- 0.074 χ^2/NDF : 107374.8/19

Left Out: 121.385 +/- 0.038 χ^2/NDF : 164871.1/24

Right Out: 101.383 +/- 0.060 χ^2/NDF : 217728.6/23

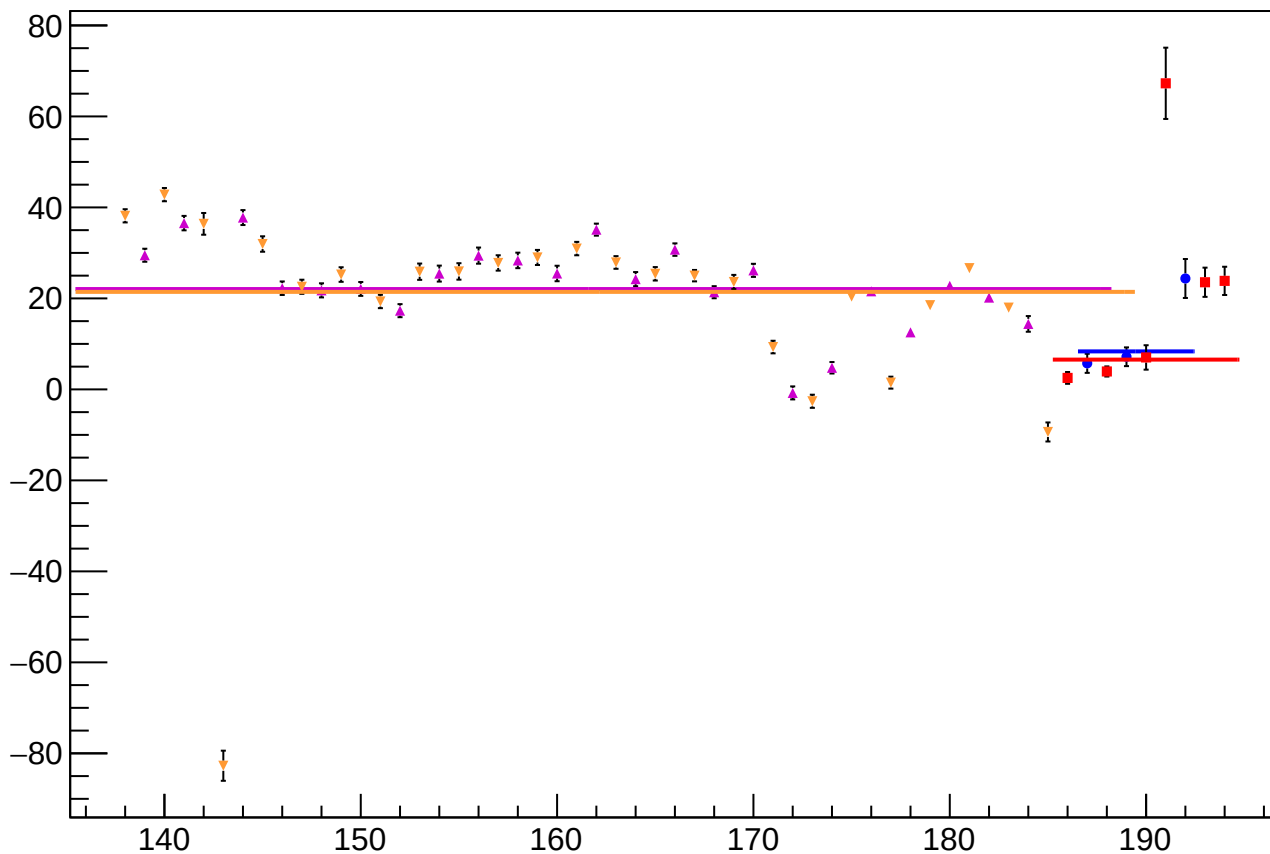
Left In: 124.714 +/- 0.039 χ^2/NDF : 51750.7/22

+ sign 120.350 +/- 0.034 χ^2/NDF : 275695.8/44

All: 119.012 +/- 0.024 χ^2/NDF : 654299.4/91

- sign 117.768 +/- 0.033 χ^2/NDF : 375606.1/46

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 8.351 ± 1.390 $\chi^2/\text{NDF}: 15.9/2$

Left Out: 21.435 ± 0.283 $\chi^2/\text{NDF}: 2406.2/24$

Right Out: 6.546 ± 0.754 $\chi^2/\text{NDF}: 134.4/5$

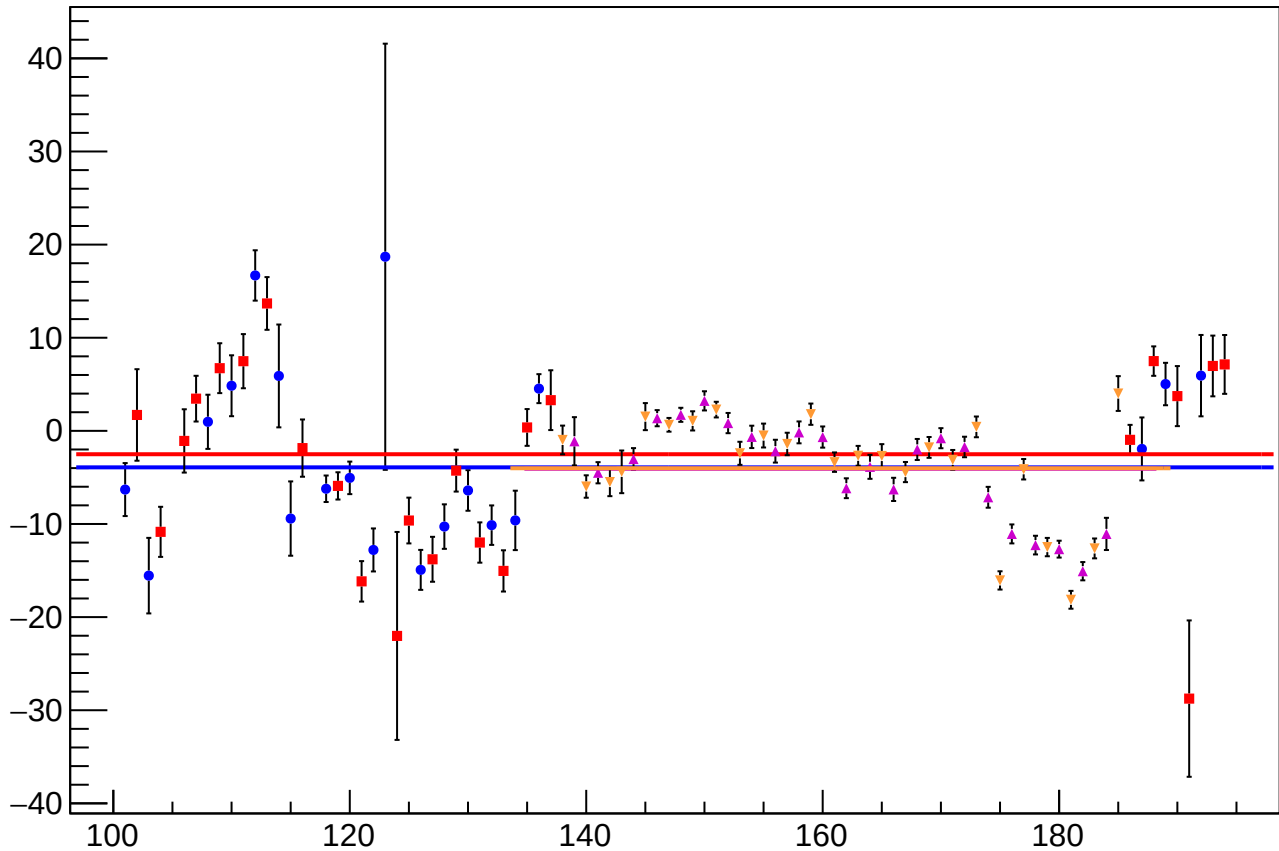
Left In: 22.055 ± 0.284 $\chi^2/\text{NDF}: 941.3/22$

+ sign 20.916 ± 0.277 $\chi^2/\text{NDF}: 2507.2/27$

All: 20.504 ± 0.192 $\chi^2/\text{NDF}: 3957.5/56$

- sign 20.125 ± 0.266 $\chi^2/\text{NDF}: 1446.0/28$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -3.919 ± 0.550 χ^2/NDF : 197.7/19

Left Out: -4.015 ± 0.223 χ^2/NDF : 731.7/24

Right Out: -2.510 ± 0.500 χ^2/NDF : 280.6/23

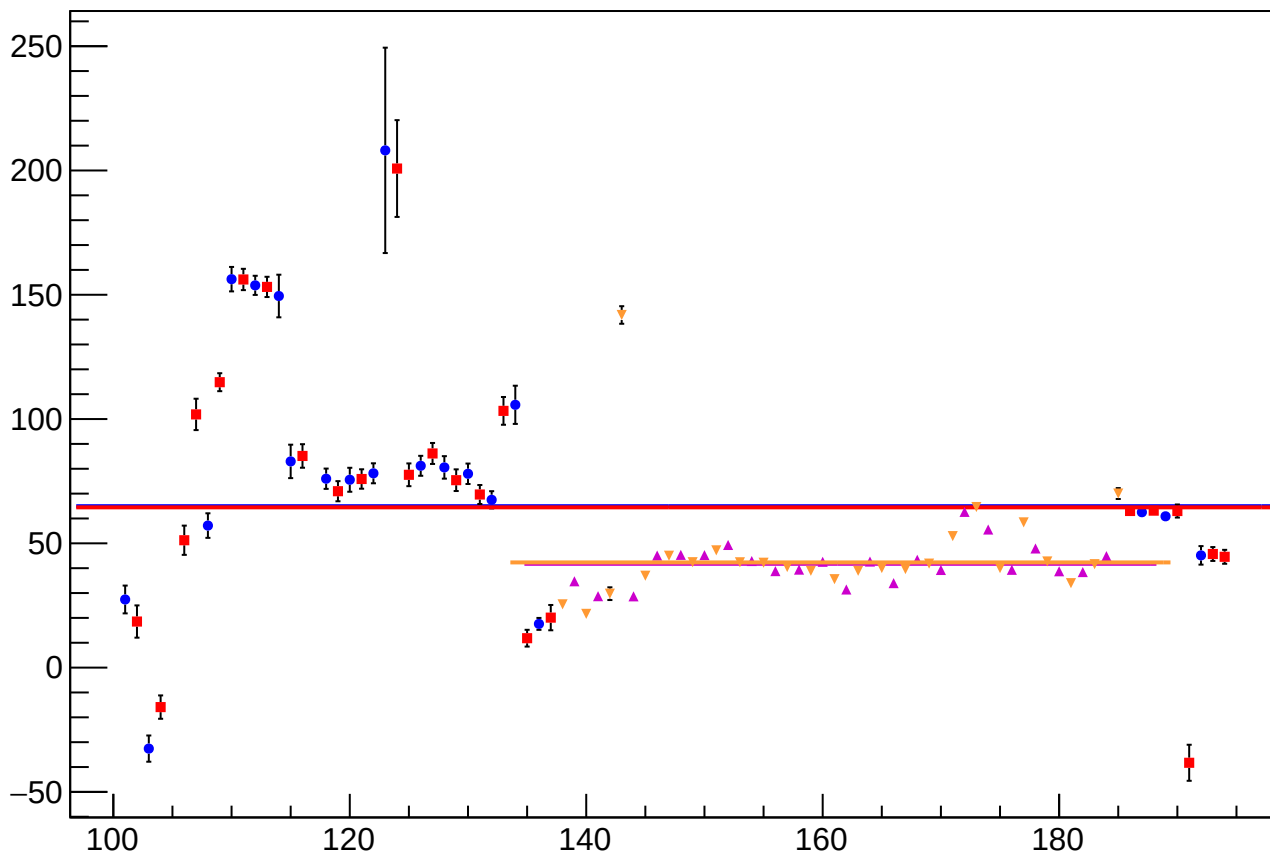
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ sign -4.001 ± 0.207 χ^2/NDF : 929.4/44

All: -3.902 ± 0.146 χ^2/NDF : 1798.6/91

- sign -3.802 ± 0.207 χ^2/NDF : 868.7/46

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 64.949 ± 0.793 χ^2/NDF : 1897.8/19

Left Out: 42.322 ± 0.282 χ^2/NDF : 1855.5/24

Right Out: 64.478 ± 0.538 χ^2/NDF : 2299.9/23

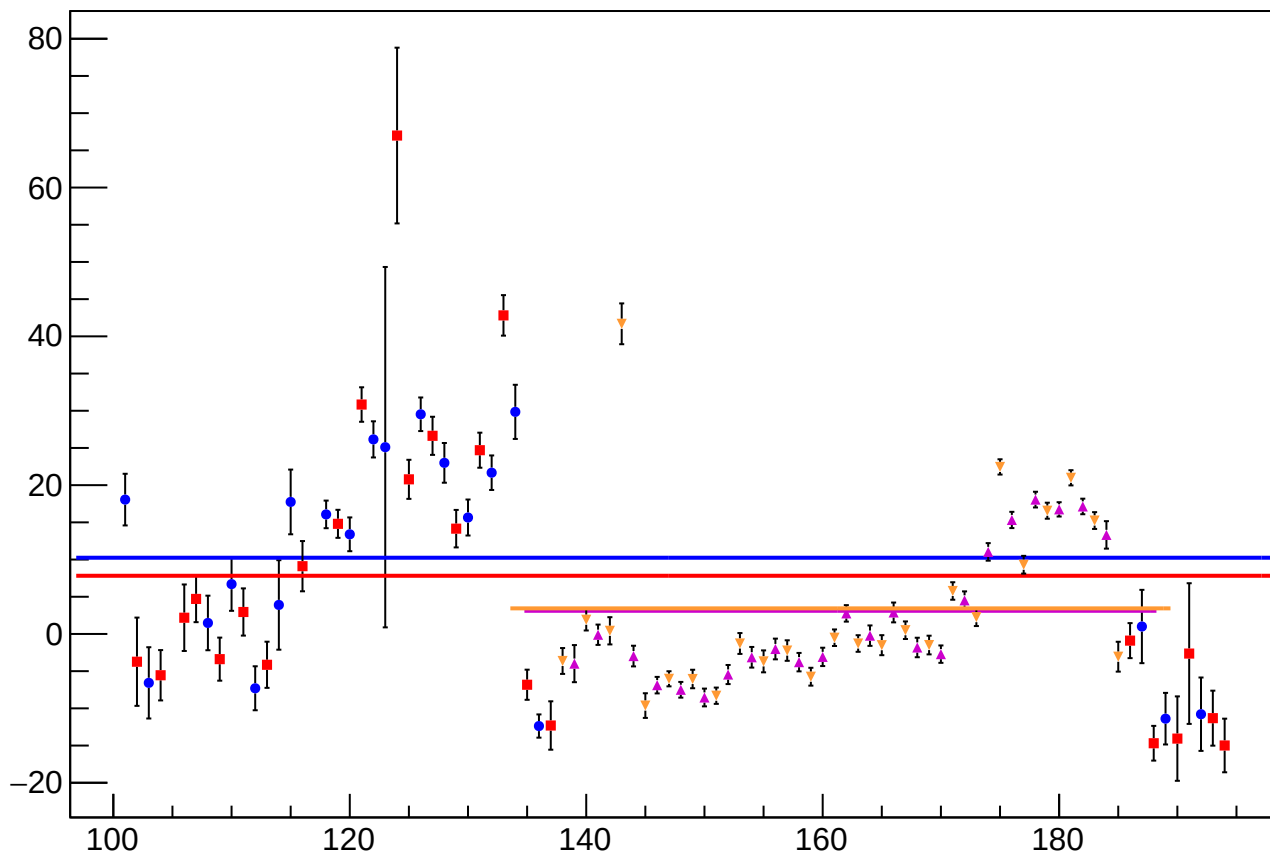
Left In: 41.755 ± 0.283 χ^2/NDF : 659.6/22

+ sign 44.861 ± 0.266 χ^2/NDF : 4475.2/44

All: 45.825 ± 0.182 χ^2/NDF : 8857.0/91

- sign 46.681 ± 0.250 χ^2/NDF : 4356.9/46

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 10.246 $\pm$ 0.636 χ^2 /NDF: 542.9/19

Left Out: 3.439 $\pm$ 0.252 χ^2 /NDF:1647.7/24

Right Out: 7.821 $\pm$ 0.596 χ^2 /NDF: 773.3/23

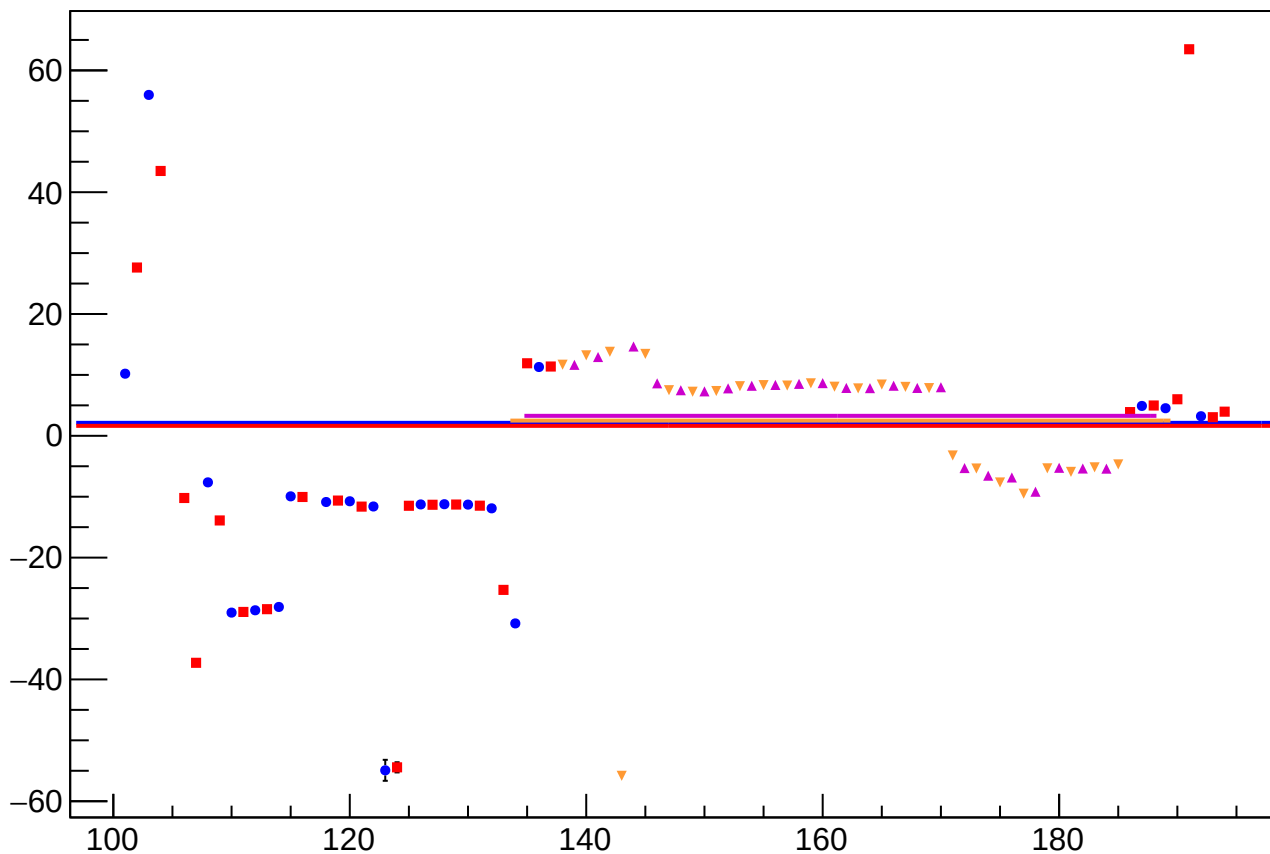
Left In: 3.114 $\pm$ 0.256 χ^2 /NDF:1273.1/22

+ sign 4.366 $\pm$ 0.235 χ^2 /NDF: 2289.5/44

All: 4.109 $\pm$ 0.166 χ^2 /NDF: 4391.0/91

- sign 3.850 $\pm$ 0.235 χ^2 /NDF: 2099.1/46

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 2.130 $\pm$ 0.035 χ^2 /NDF: 359904.8/19

Left Out: 2.497 $\pm$ 0.012 χ^2 /NDF: 588138.5/24

Right Out: 1.636 $\pm$ 0.031 χ^2 /NDF: 423308.7/23

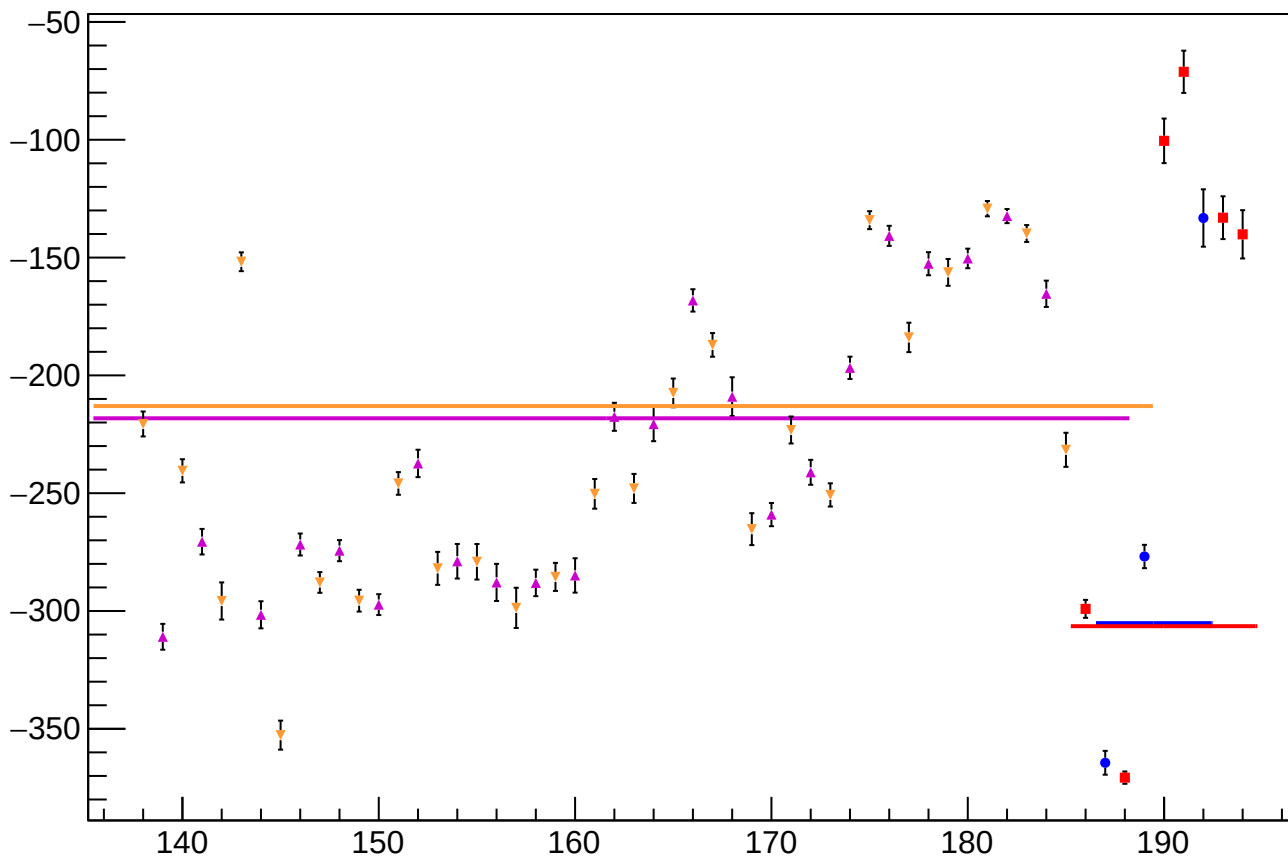
Left In: 3.281 $\pm$ 0.012 χ^2 /NDF: 409605.3/22

+ sign 2.460 $\pm$ 0.011 χ^2 /NDF: 948144.4/44

All: 2.771 $\pm$ 0.008 χ^2 /NDF: 1785152.6/91

- sign 3.077 $\pm$ 0.011 χ^2 /NDF: 835411.5/46

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -305.158+/-3.400 χ^2/NDF : 369.2/2

Left Out: -213.020+/-1.035 χ^2/NDF : 3826.2/24

Right Out: -306.445+/-1.959 χ^2/NDF : 2399.5/5

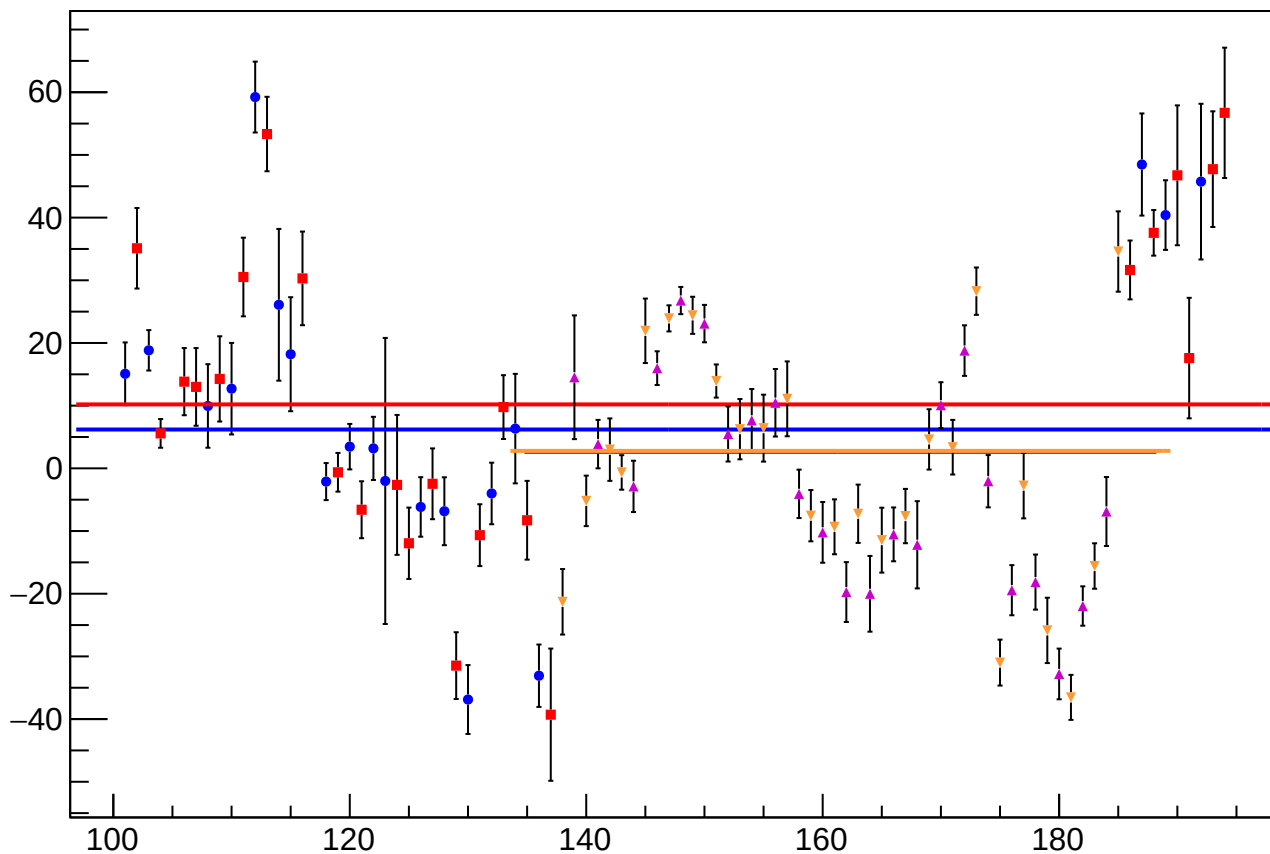
Left In: -218.216+/-1.063 χ^2/NDF : 3499.0/22

+ sign -220.841+/-0.991 χ^2/NDF : 4867.6/27

All: -230.075+/-0.680 χ^2/NDF : 12497.9/56

- sign -238.287+/-0.934 χ^2/NDF : 7466.1/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 6.195 ± 1.179 $\chi^2/\text{NDF}: 336.7/19$

Left Out: 2.786 ± 0.780 $\chi^2/\text{NDF}: 582.0/24$

Right Out: 10.201 ± 1.052 $\chi^2/\text{NDF}: 373.3/23$

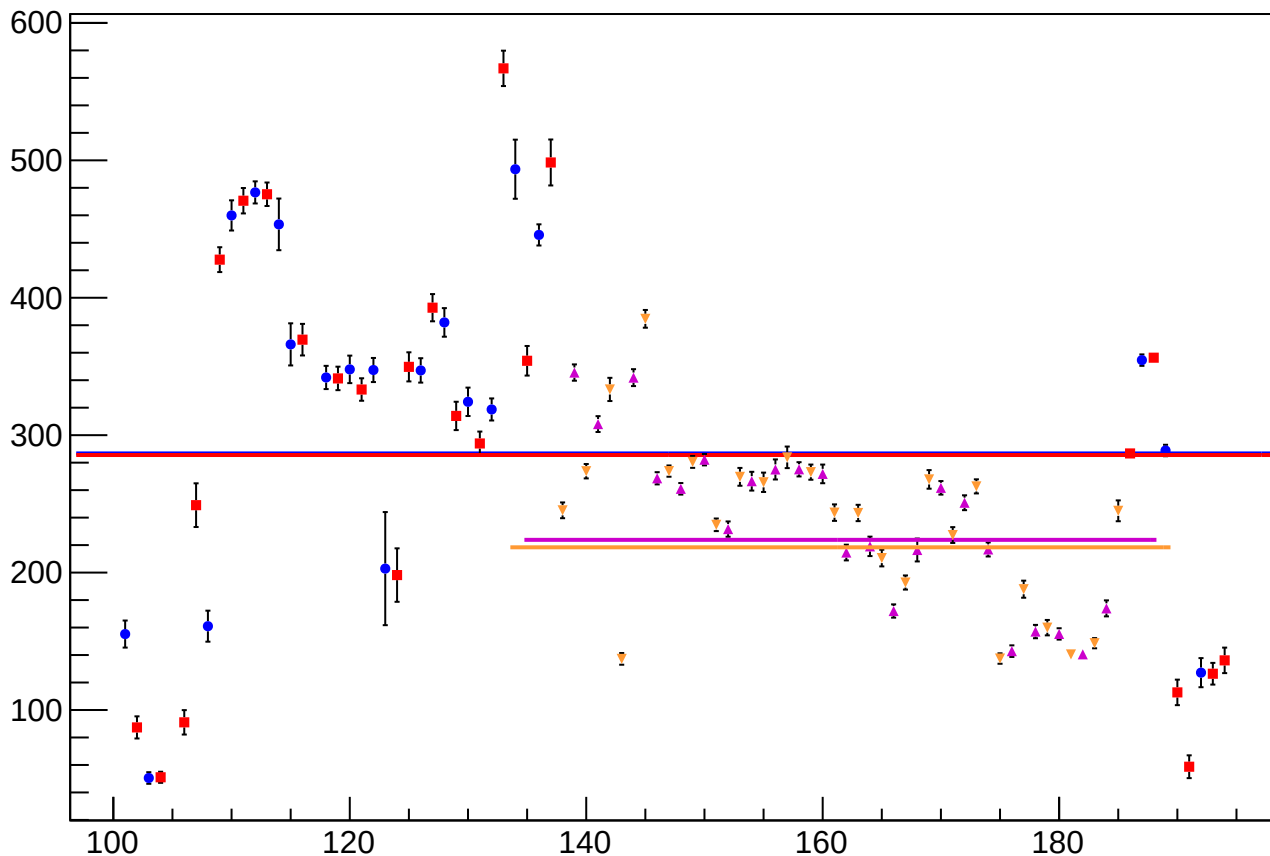
Left In: 2.619 ± 0.821 $\chi^2/\text{NDF}: 477.6/22$

+ sign 3.825 ± 0.651 $\chi^2/\text{NDF}: 924.5/44$

All: 4.660 ± 0.459 $\chi^2/\text{NDF}: 1811.0/91$

- sign 5.486 ± 0.647 $\chi^2/\text{NDF}: 883.2/46$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 286.701 $\pm$ 1.734 χ^2 /NDF: 5639.0/19

Left Out: 218.389 $\pm$ 1.038 χ^2 /NDF: 3696.7/24

Right Out: 285.560 $\pm$ 1.271 χ^2 /NDF: 9500.2/23

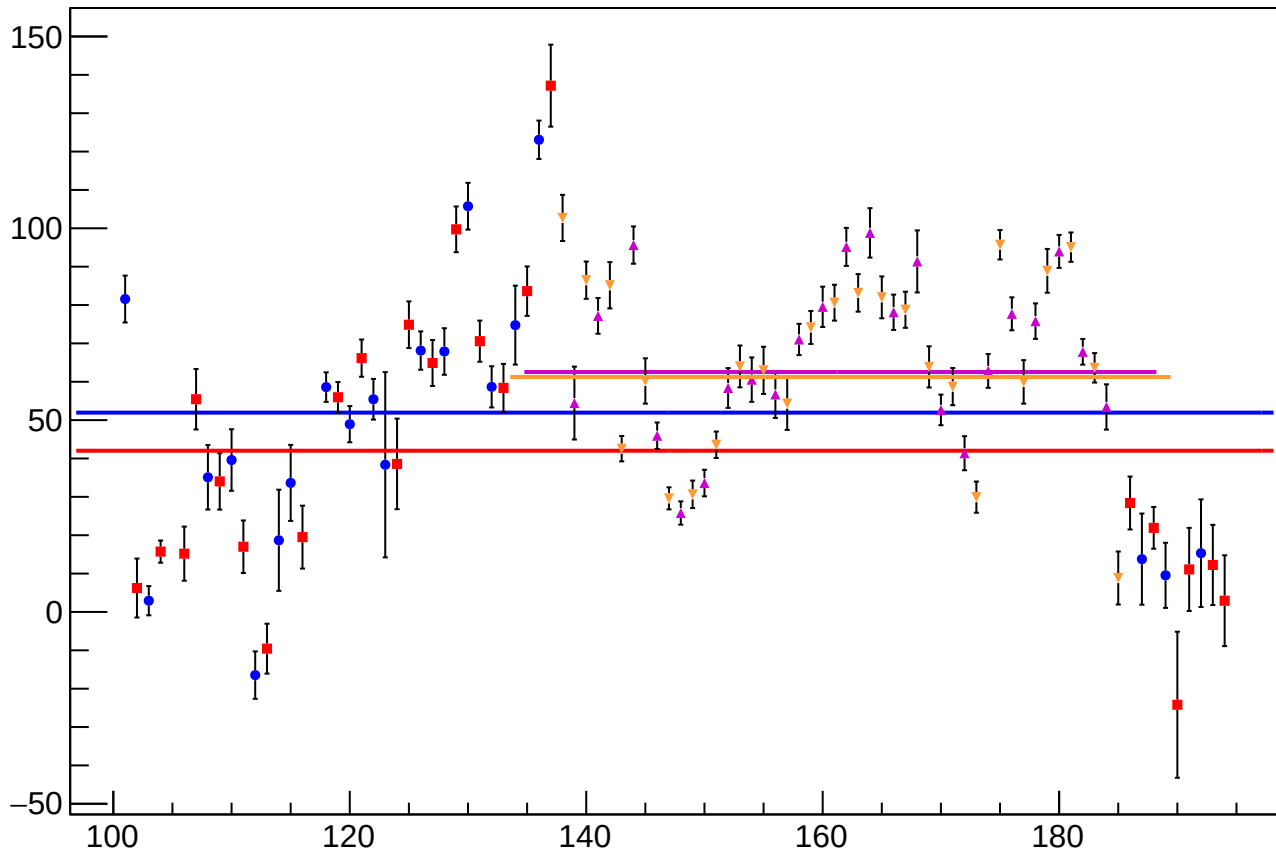
Left In: 223.827 $\pm$ 1.058 χ^2 /NDF: 3444.7/22

+ sign 236.400 $\pm$ 0.890 χ^2 /NDF: 10478.2/44

All: 243.322 $\pm$ 0.601 χ^2 /NDF: 24926.4/91

- sign 249.098 $\pm$ 0.813 χ^2 /NDF: 14337.4/46

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 51.955 $\pm$ 1.385 χ^2 /NDF: 678.7/19

Left Out: 61.240 $\pm$ 0.903 χ^2 /NDF: 718.8/24

Right Out: 42.027 $\pm$ 1.267 χ^2 /NDF: 594.6/23

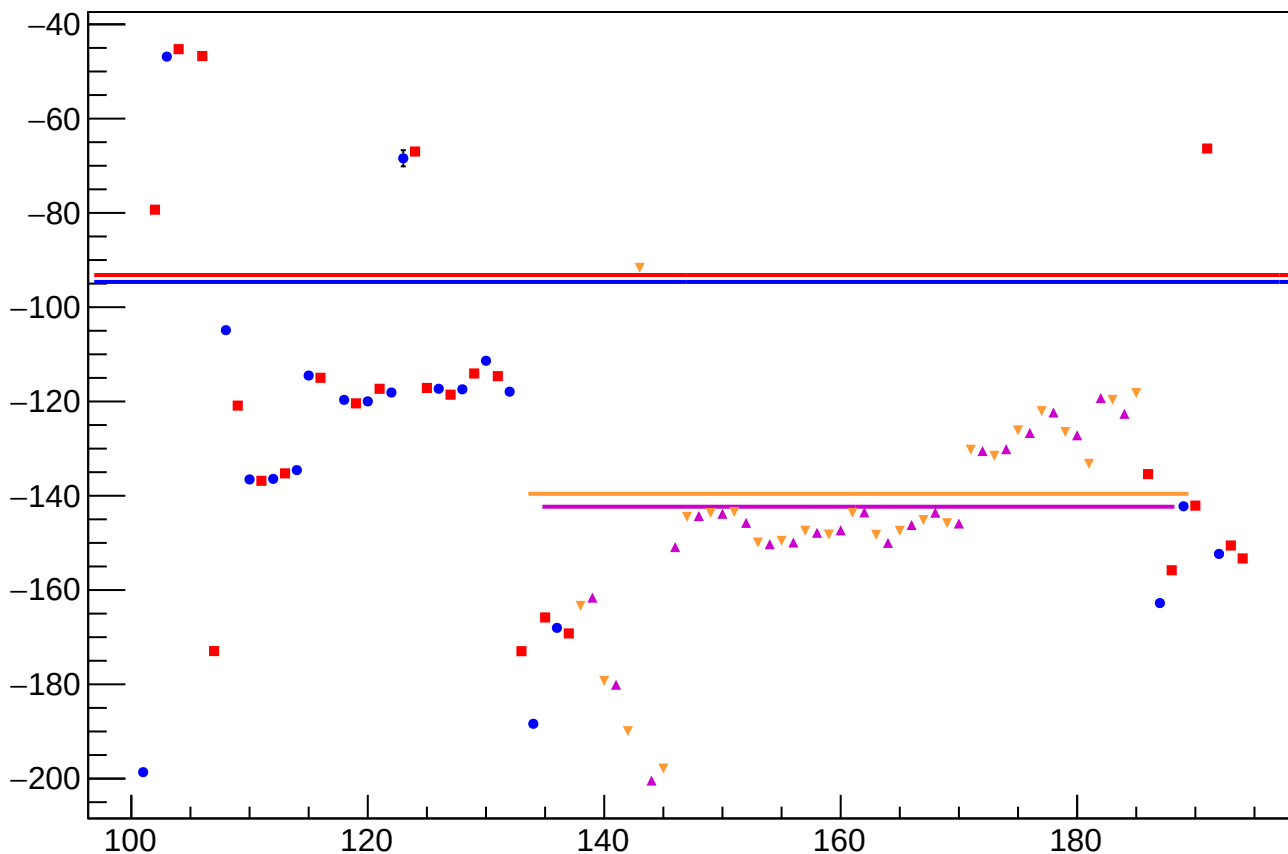
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 58.471 $\pm$ 0.756 χ^2 /NDF: 1429.1/44

All: 56.861 $\pm$ 0.534 χ^2 /NDF: 2721.7/91

- sign 55.255 $\pm$ 0.755 χ^2 /NDF: 1283.5/46

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -94.639 ± 0.065 $\chi^2/\text{NDF}: 580722.3/19$

Left Out: -139.585 ± 0.043 $\chi^2/\text{NDF}: 243895.1/24$

Right Out: -93.176 ± 0.059 $\chi^2/\text{NDF}: 631271.5/23$

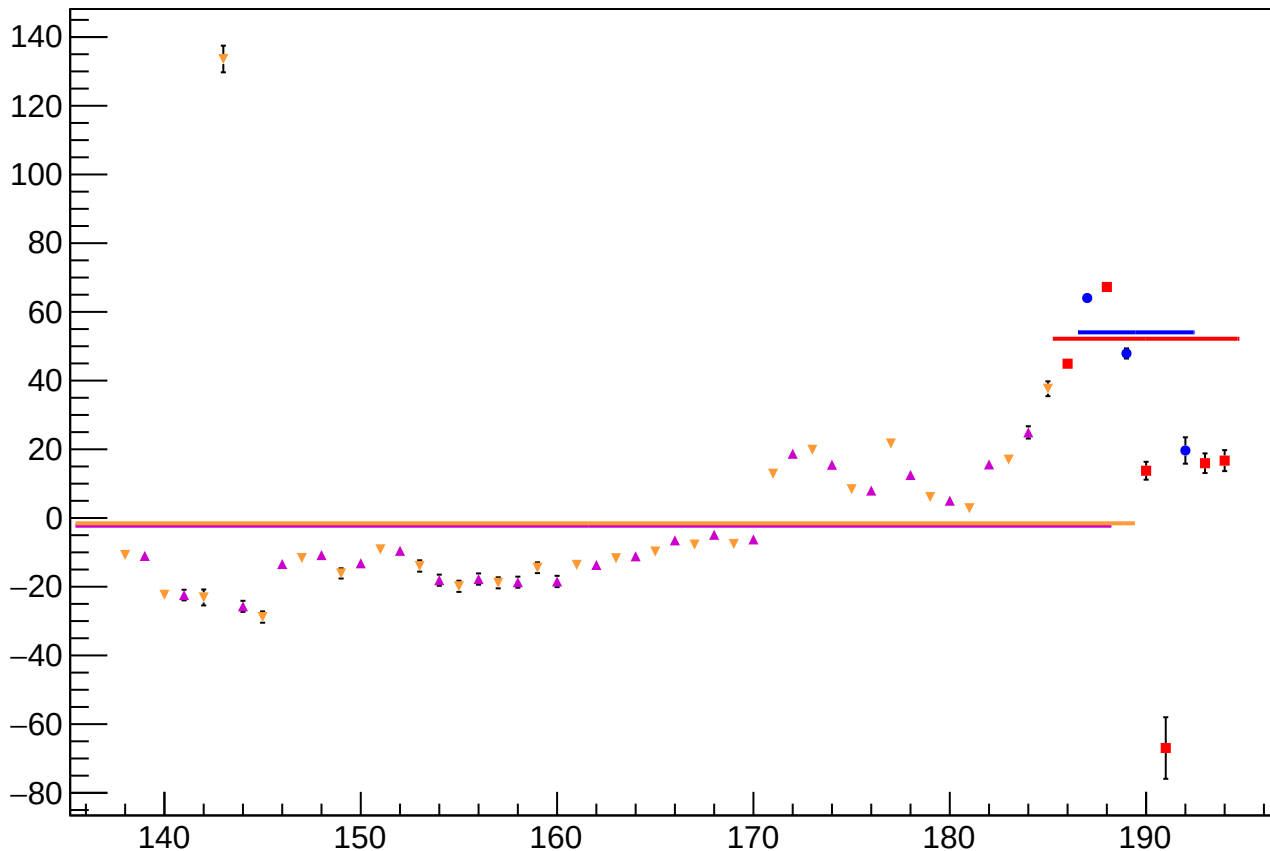
Left In: -142.326 ± 0.044 $\chi^2/\text{NDF}: 144642.3/22$

+ sign -125.981 ± 0.036 $\chi^2/\text{NDF}: 1153787.0/44$

All: -125.445 ± 0.025 $\chi^2/\text{NDF}: 2373680.8/91$

- sign -124.929 ± 0.035 $\chi^2/\text{NDF}: 1219458.4/46$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 54.045 $\pm$ 0.980 χ^2 /NDF: 149.0/2

Left Out: -1.540 $\pm$ 0.268 χ^2 /NDF: 4129.1/24

Right Out: 52.186 $\pm$ 0.543 χ^2 /NDF: 1139.1/5

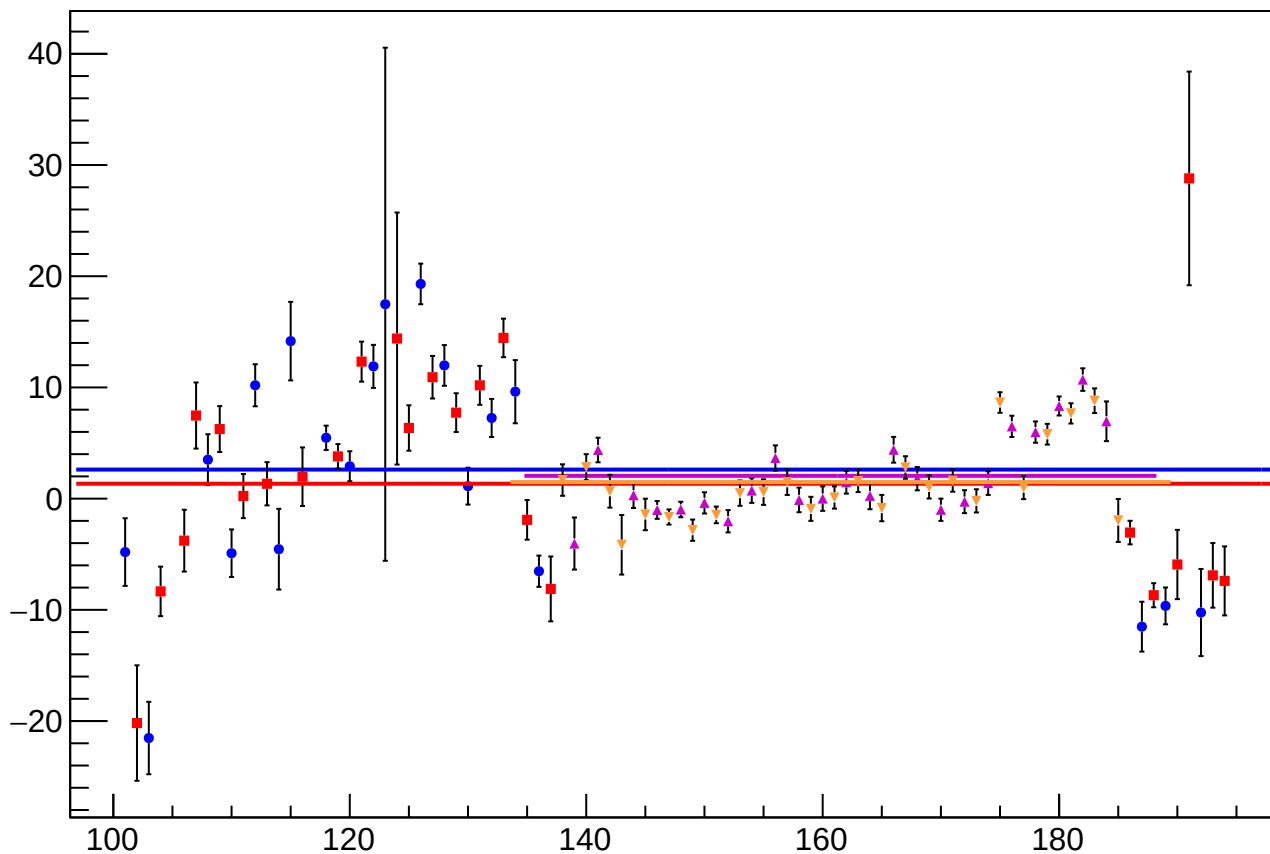
Left In: -2.244 $\pm$ 0.270 χ^2 /NDF: 2561.6/22

+ sign 2.323 $\pm$ 0.258 χ^2 /NDF: 7273.9/27

All: 5.631 $\pm$ 0.176 χ^2 /NDF: 19348.9/56

- sign 8.523 $\pm$ 0.241 χ^2 /NDF: 11767.3/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 2.612 $\pm$ 0.436 χ^2/NDF : 405.8/19

Left Out: 1.492 $\pm$ 0.210 χ^2/NDF :258.3/24

Right Out: 1.339 $\pm$ 0.392 χ^2/NDF : 366.8/23

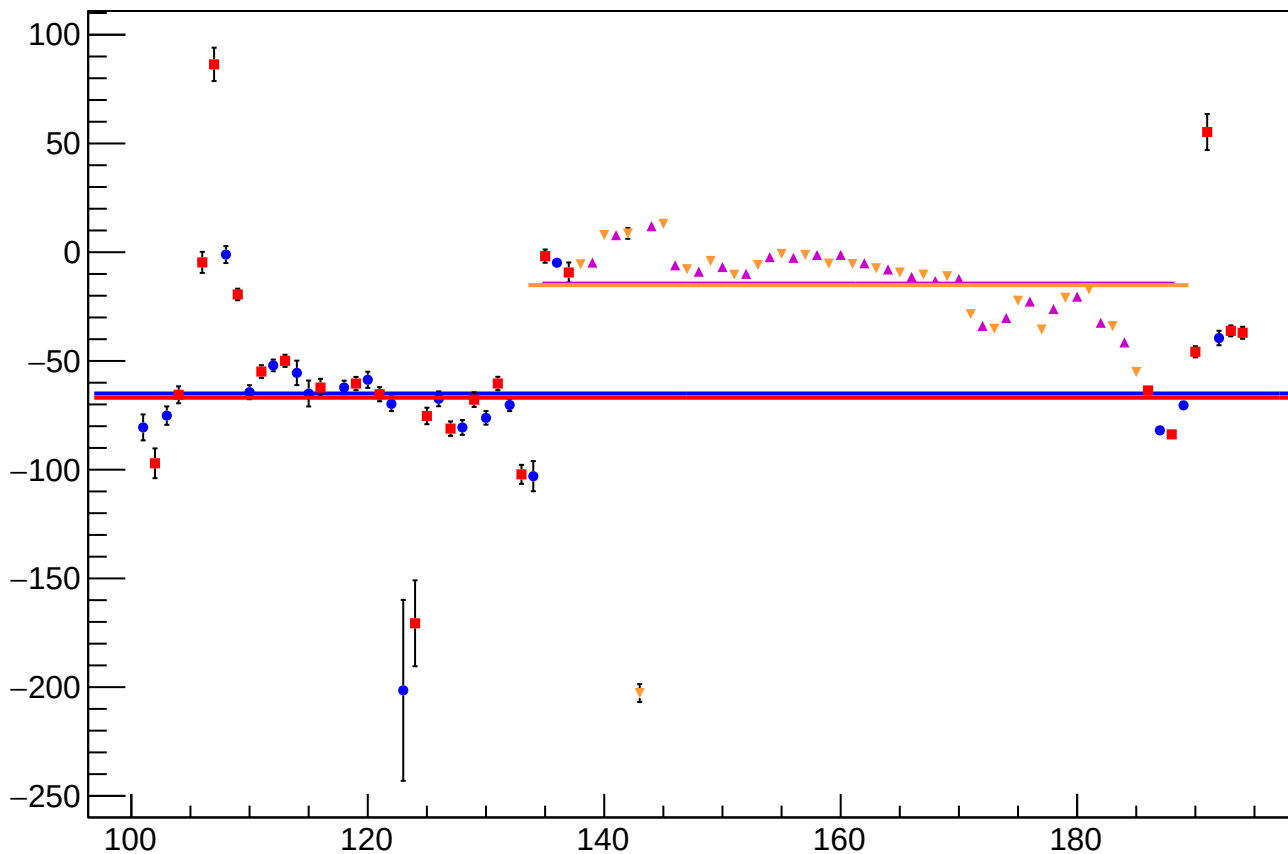
Left In: 2.051 $\pm$ 0.215 χ^2/NDF :275.4/22

+ sign 1.704 $\pm$ 0.189 χ^2/NDF : 669.5/44

All: 1.796 $\pm$ 0.134 χ^2/NDF : 1314.7/91

- sign 1.887 $\pm$ 0.188 χ^2/NDF : 644.7/46

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -64.969 ± 0.592 $\chi^2/\text{NDF}: 1460.9/19$

Left Out: -15.140 ± 0.267 $\chi^2/\text{NDF}: 4451.9/24$

Right Out: -66.924 ± 0.393 $\chi^2/\text{NDF}: 3004.2/23$

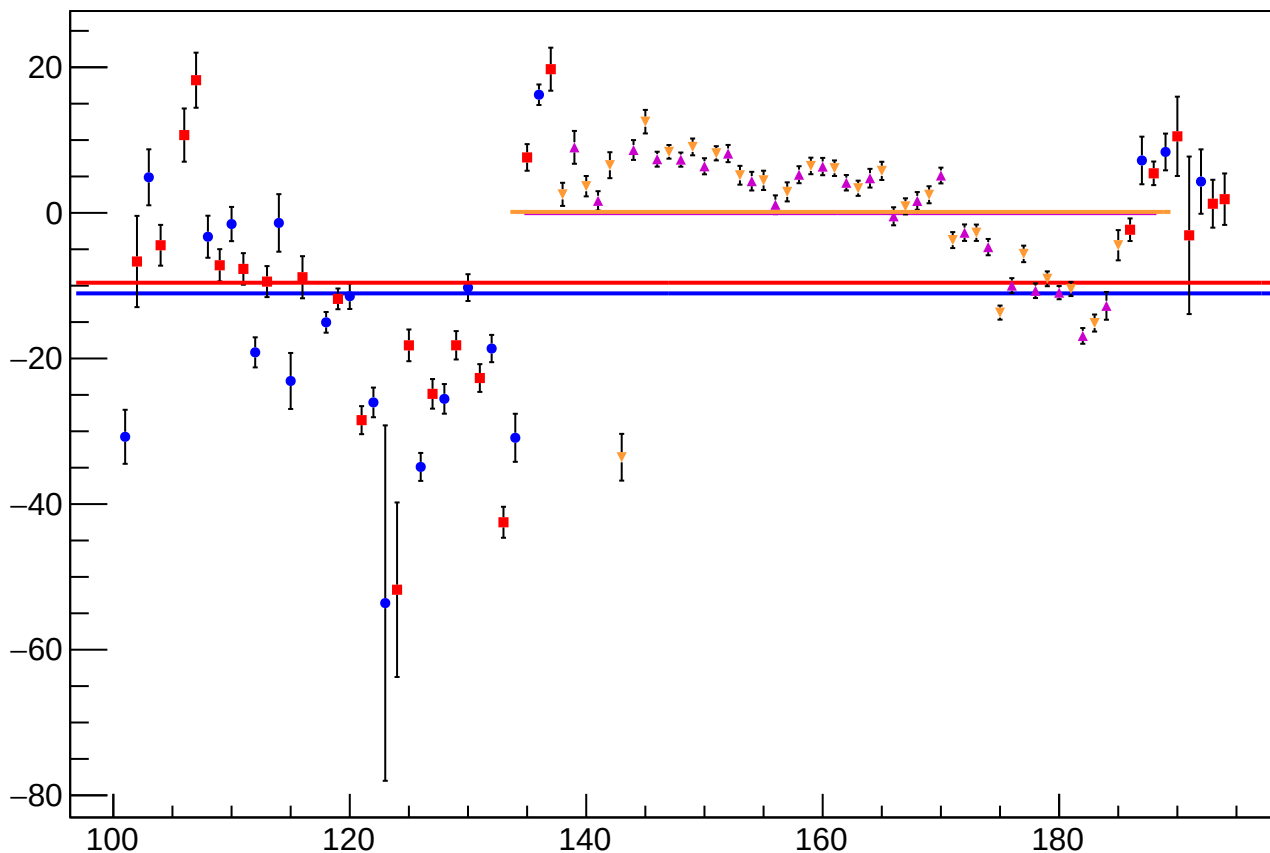
Left In: -14.415 ± 0.268 $\chi^2/\text{NDF}: 2065.7/22$

+ sign -23.547 ± 0.243 $\chi^2/\text{NDF}: 11795.2/44$

All: -27.684 ± 0.164 $\chi^2/\text{NDF}: 29593.5/91$

- sign -31.110 ± 0.221 $\chi^2/\text{NDF}: 17269.7/46$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -11.058 ± 0.509 χ^2/NDF : 899.3/19

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -9.594 ± 0.473 χ^2/NDF : 909.4/23

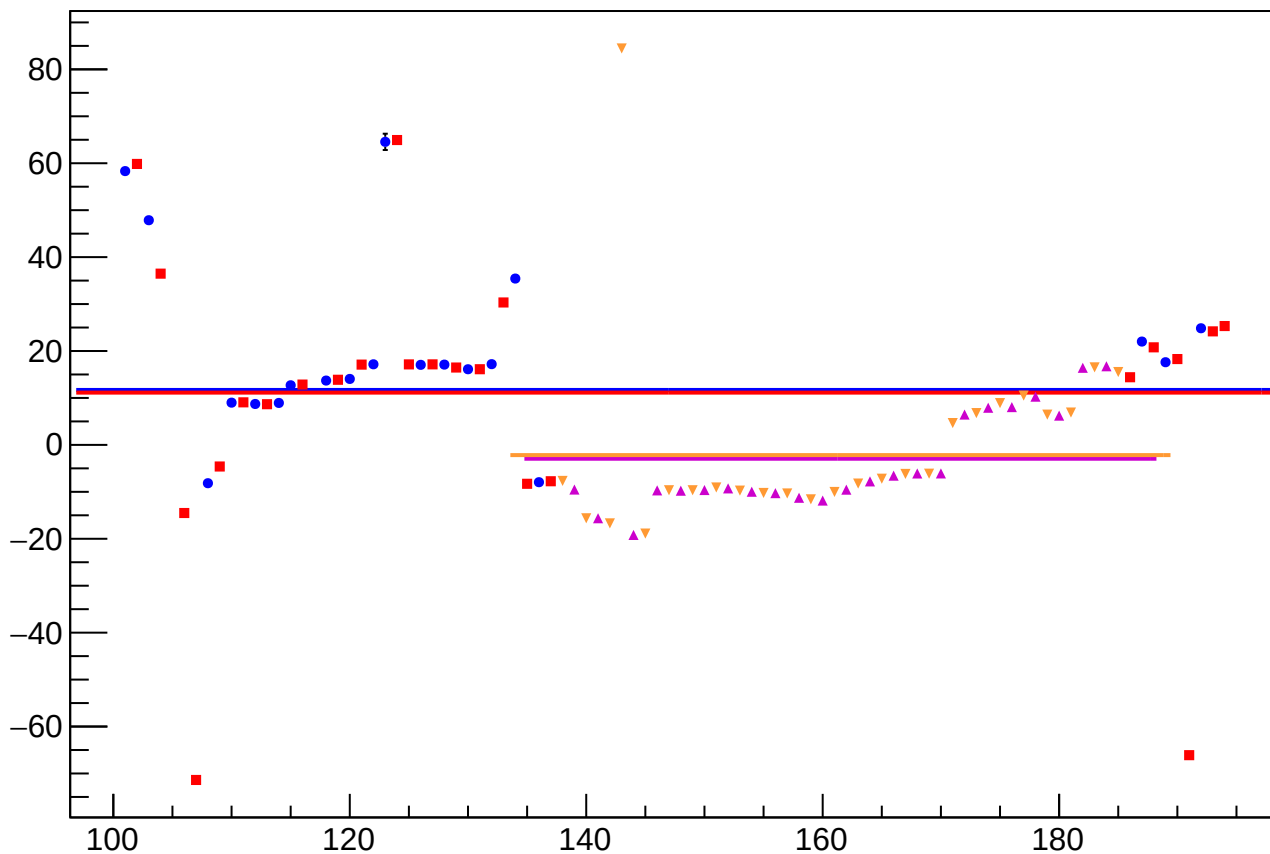
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.880 ± 0.216 χ^2/NDF : 2442.6/44

All: -1.950 ± 0.153 χ^2/NDF : 4702.7/91

- sign -2.020 ± 0.216 χ^2/NDF : 2259.9/46

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 11.703 $\pm$ 0.029 χ^2 /NDF: 397608.6/19

Left Out: -2.176 $\pm$ 0.011 χ^2 /NDF: 1047394.9/24

Right Out: 11.137 $\pm$ 0.026 χ^2 /NDF: 670522.5/23

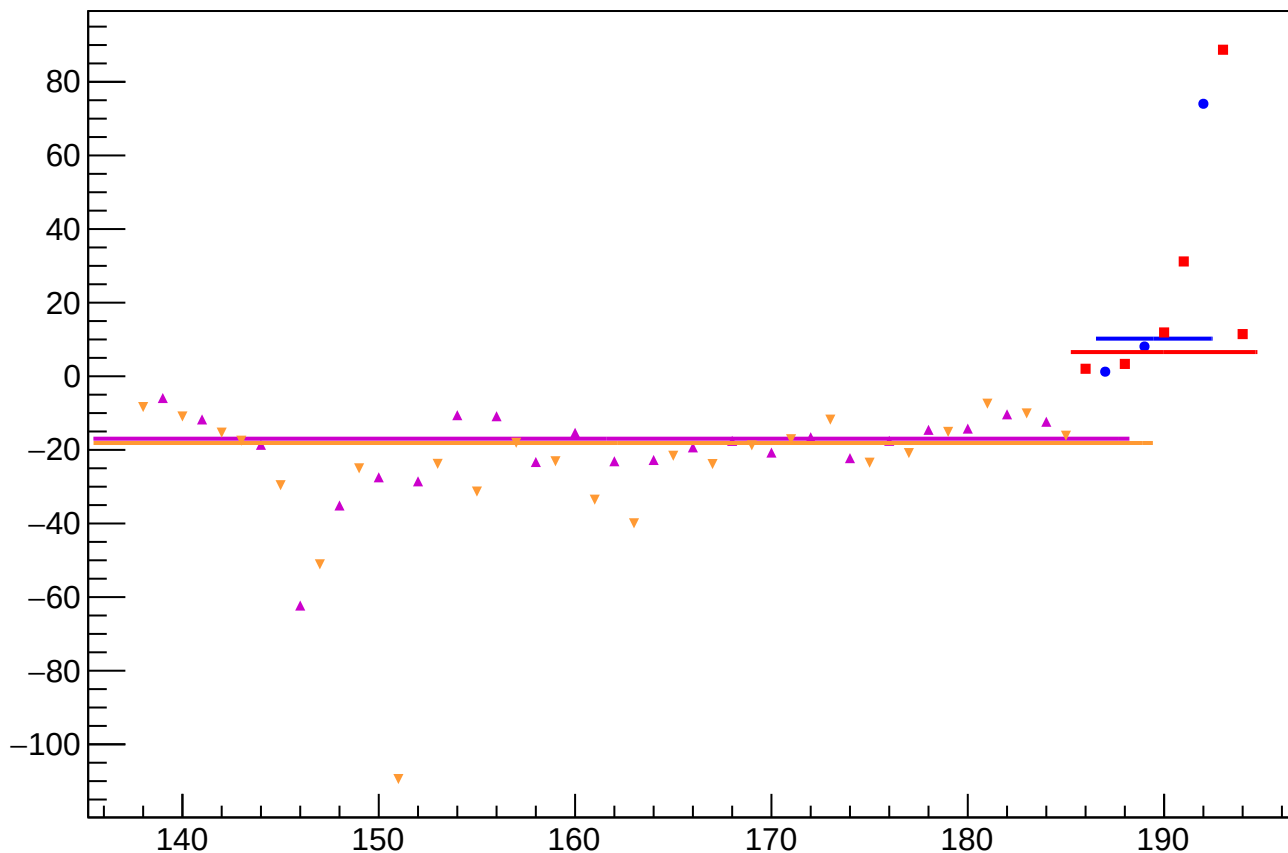
Left In: -2.949 $\pm$ 0.011 χ^2 /NDF: 770702.4/22

+ sign -0.399 $\pm$ 0.010 χ^2 /NDF: 1651727.0/44

All: -0.614 $\pm$ 0.007 χ^2 /NDF: 3343352.3/91

- sign -0.825 $\pm$ 0.010 χ^2 /NDF: 1690743.6/46

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 10.224+/-0.181 χ^2/NDF : 10447.6/2

Left Out: -18.127+/-0.039 χ^2/NDF : 88514.4/24

Right Out: 6.577+/-0.087 χ^2/NDF : 24082.0/5

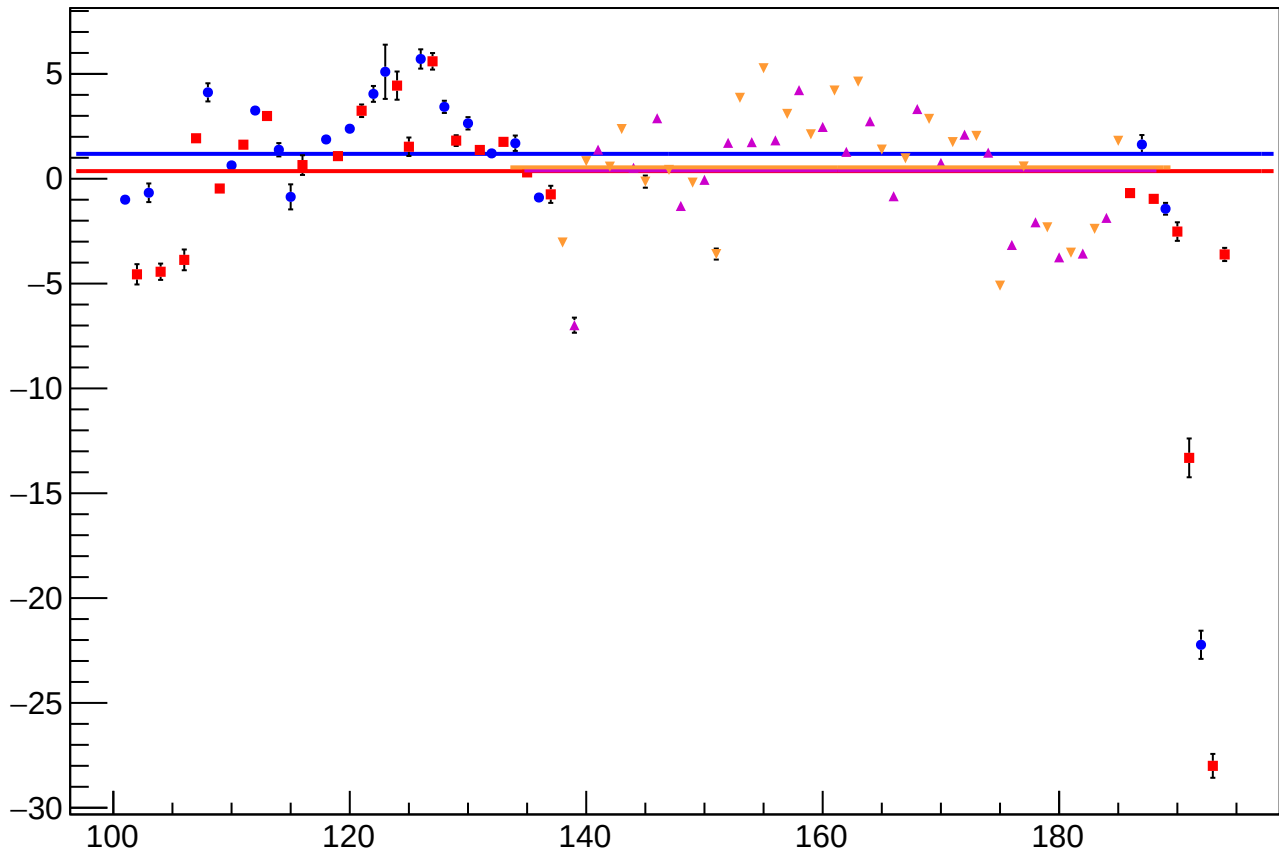
Left In: -16.958+/-0.038 χ^2/NDF : 44759.9/22

+ sign -16.866+/-0.038 χ^2/NDF : 122519.4/27

All: -14.876+/-0.026 χ^2/NDF : 257455.4/56

- sign -13.210+/-0.035 χ^2/NDF : 129919.8/28

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.187 ± 0.059 χ^2/NDF : 2032.6/19

Left Out: 0.543 ± 0.032 χ^2/NDF : 7067.6/24

Right Out: 0.363 ± 0.052 χ^2/NDF : 4095.1/23

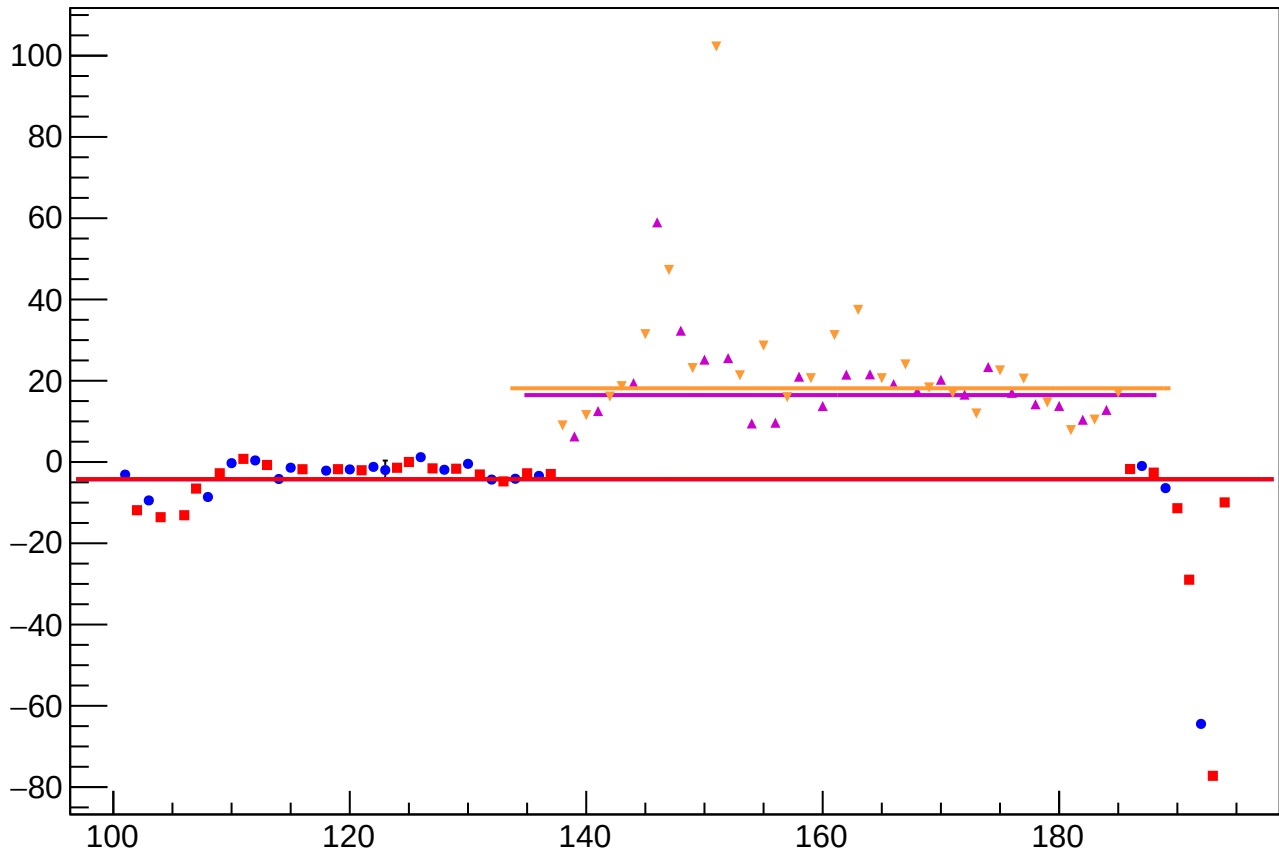
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.693 ± 0.028 χ^2/NDF : 9191.8/44

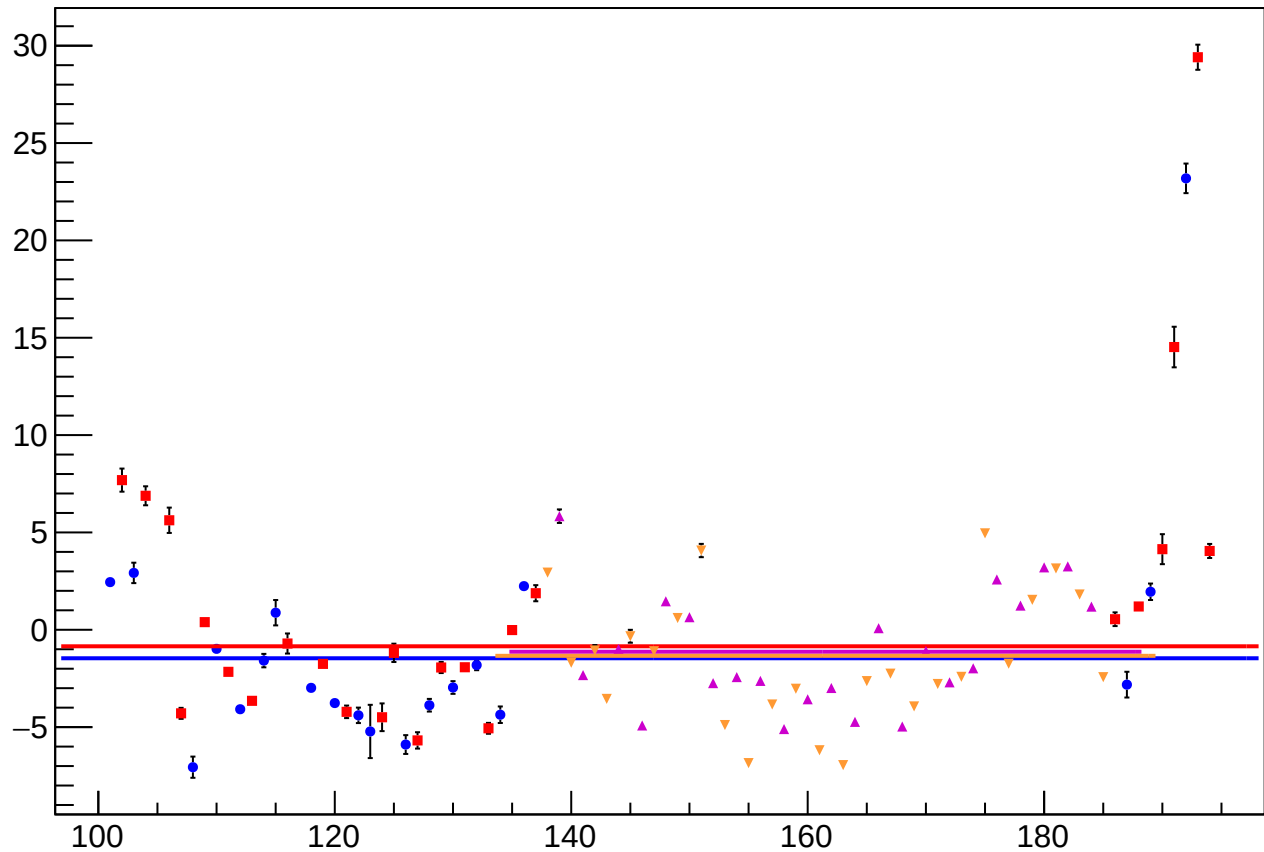
All: 0.530 ± 0.019 χ^2/NDF : 19634.8/91

- sign 0.389 ± 0.026 χ^2/NDF : 10381.8/46

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.463 ± 0.069 χ^2/NDF : 2484.2/19

Left Out: -1.338 ± 0.036 χ^2/NDF : 7920.8/24

Right Out: -0.848 ± 0.061 χ^2/NDF : 4352.5/23

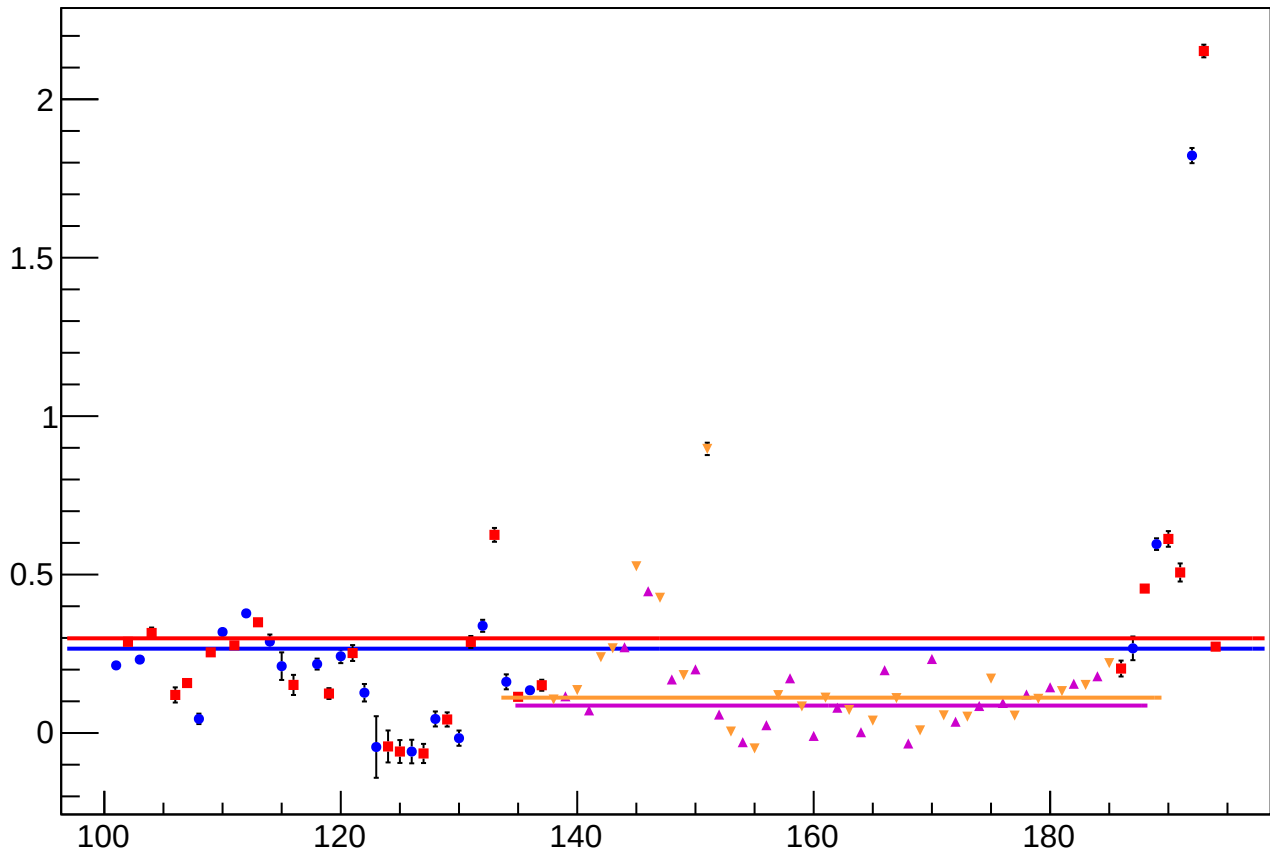
Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

+ sign -1.365 ± 0.032 χ^2/NDF : 10407.5/44

All: -1.203 ± 0.022 χ^2/NDF : 21603.1/91

- sign -1.062 ± 0.030 χ^2/NDF : 11147.3/46

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.266 $\pm$ 0.004 χ^2 /NDF: 5449.7/19

Left Out: 0.112 $\pm$ 0.002 χ^2 /NDF: 4459.9/24

Right Out: 0.299 $\pm$ 0.003 χ^2 /NDF: 10537.8/23

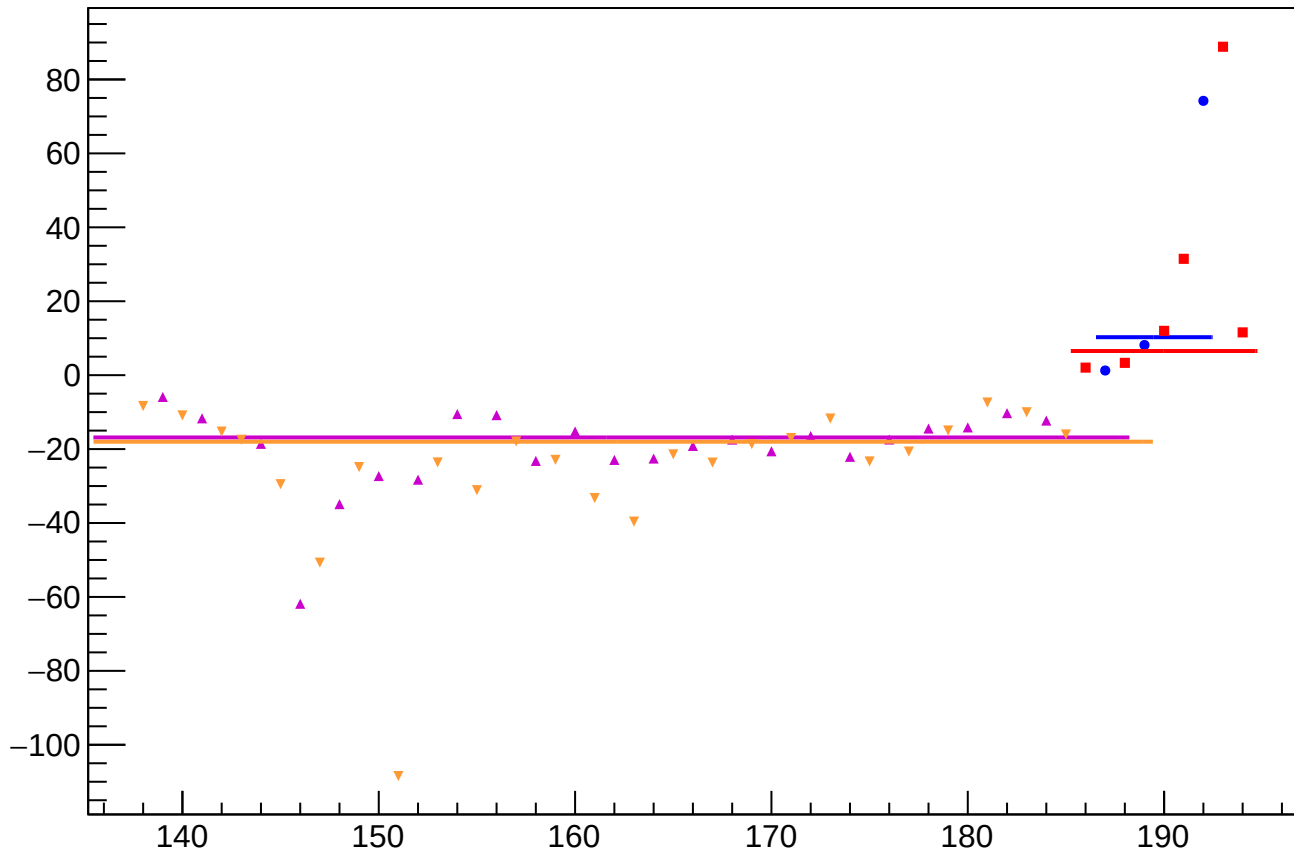
Left In: 0.087 $\pm$ 0.001 χ^2 /NDF: 3661.4/22

+ sign 0.133 $\pm$ 0.001 χ^2 /NDF: 11221.5/44

All: 0.128 $\pm$ 0.001 χ^2 /NDF: 28961.1/91

- sign 0.124 $\pm$ 0.001 χ^2 /NDF: 17716.0/46

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 10.272 ± 0.180 $\chi^2/\text{NDF}: 10570.5/2$

Left Out: -18.004 ± 0.039 $\chi^2/\text{NDF}: 88352.2/24$

Right Out: 6.534 ± 0.086 $\chi^2/\text{NDF}: 24437.3/5$

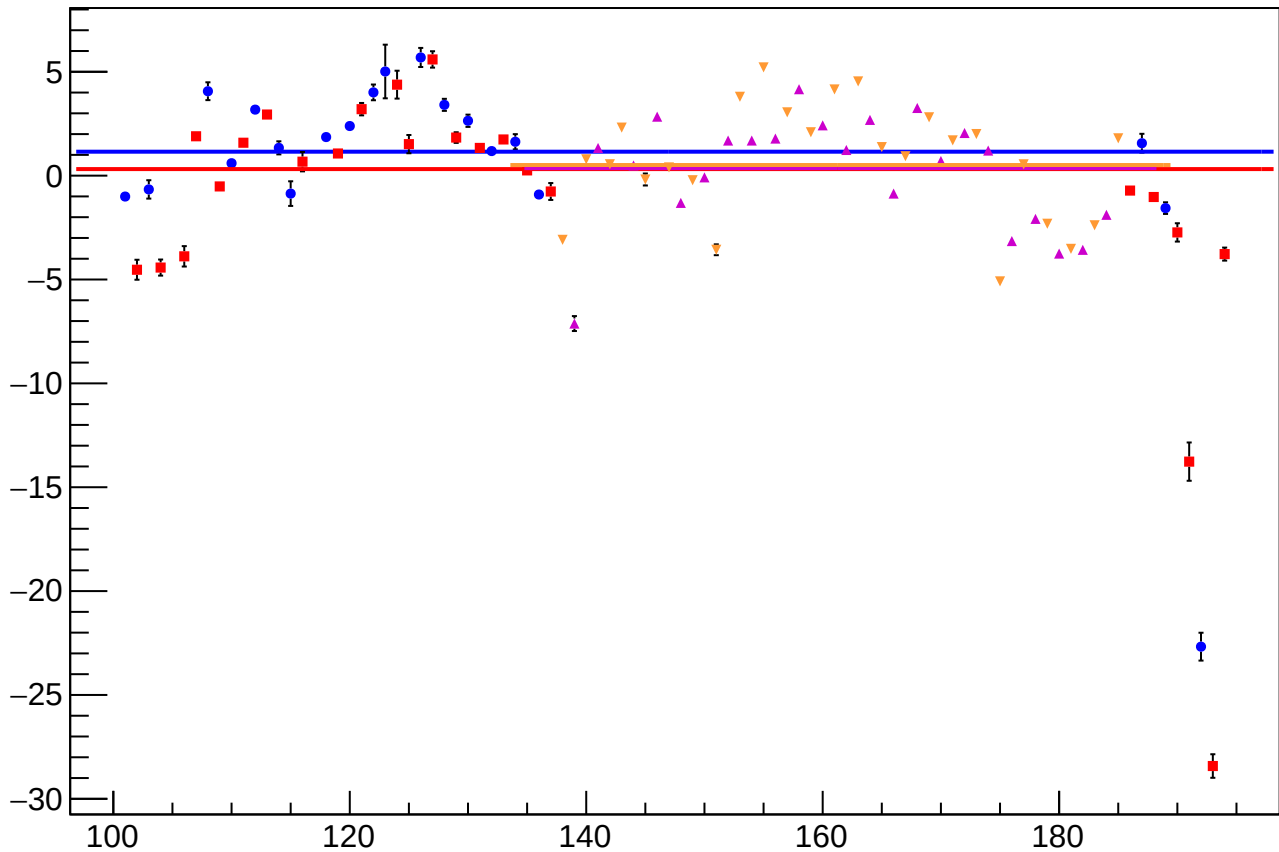
Left In: -16.854 ± 0.038 $\chi^2/\text{NDF}: 44680.7/22$

+ sign -16.754 ± 0.038 $\chi^2/\text{NDF}: 122551.0/27$

All: -14.767 ± 0.026 $\chi^2/\text{NDF}: 258268.9/56$

- sign -13.105 ± 0.035 $\chi^2/\text{NDF}: 130650.0/28$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.153 ± 0.059 χ^2/NDF : 2093.0/19

Left Out: 0.511 ± 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.316 ± 0.052 χ^2/NDF : 4232.5/23

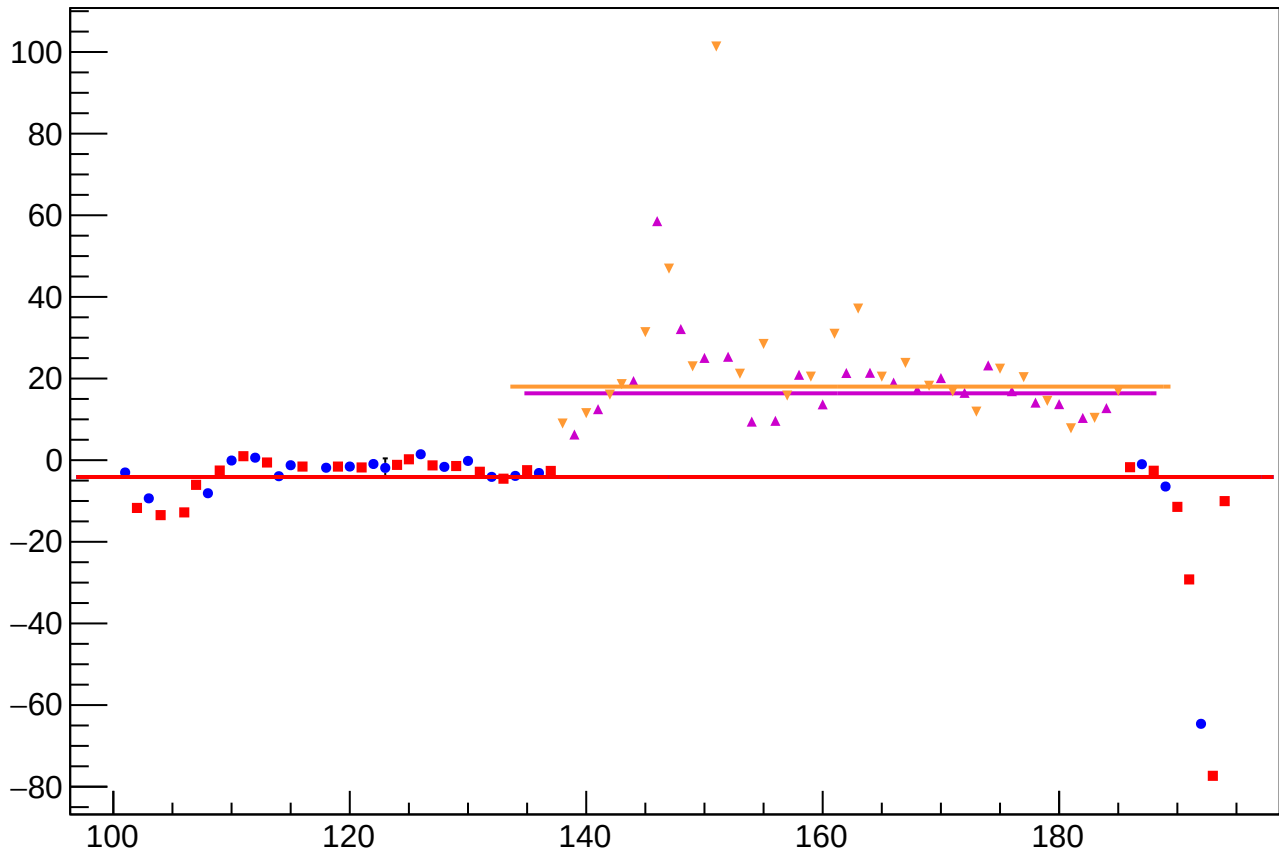
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.660 ± 0.028 χ^2/NDF : 9238.0/44

All: 0.493 ± 0.019 χ^2/NDF : 19809.4/91

- sign 0.349 ± 0.026 χ^2/NDF : 10506.5/46

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -4.126 ± 0.089 $\chi^2/\text{NDF}: 12318.5/19$

Left Out: 18.023 ± 0.039 $\chi^2/\text{NDF}: 77674.0/24$

Right Out: -4.122 ± 0.058 $\chi^2/\text{NDF}: 26336.5/23$

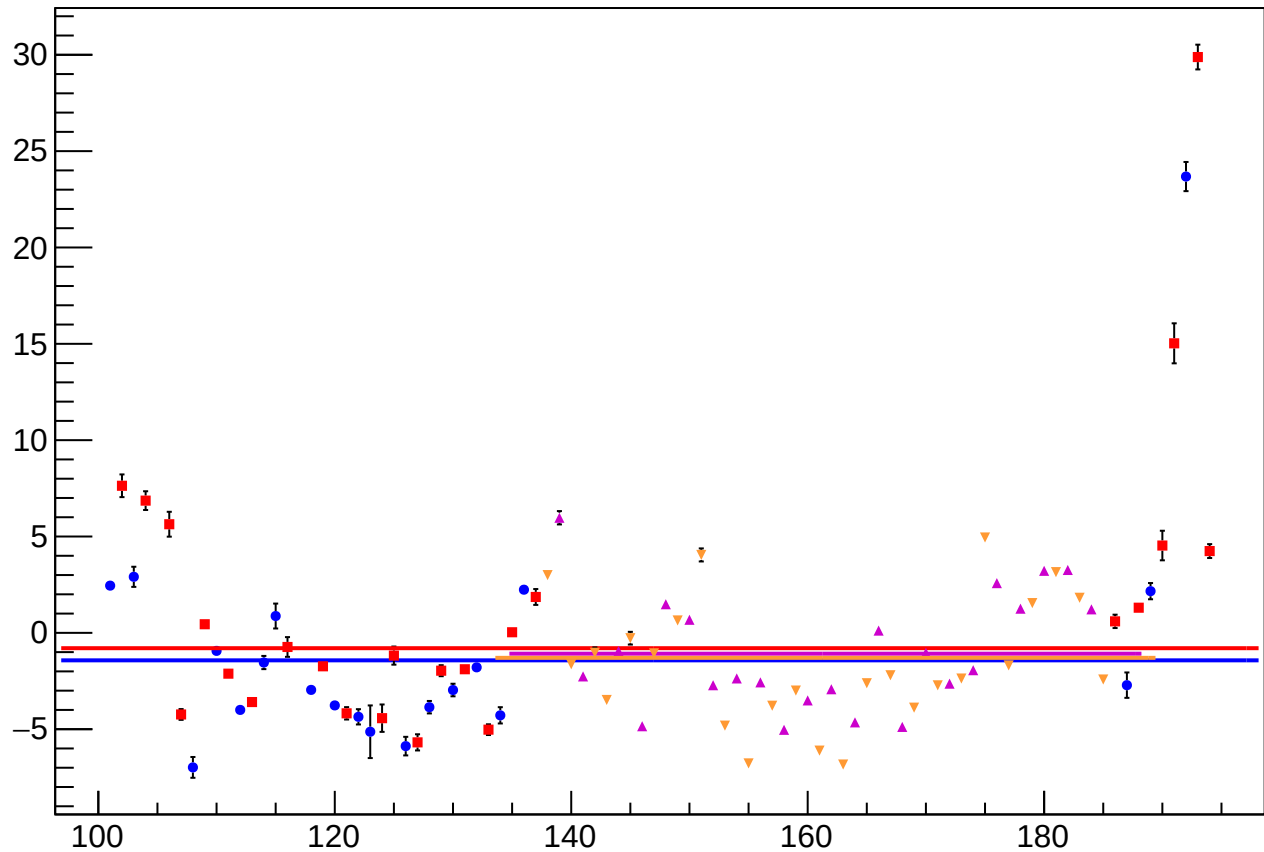
Left In: 16.377 ± 0.037 $\chi^2/\text{NDF}: 41253.5/22$

+ sign 14.467 ± 0.036 $\chi^2/\text{NDF}: 142152.9/44$

All: 12.122 ± 0.024 $\chi^2/\text{NDF}: 306590.9/91$

- sign 10.303 ± 0.031 $\chi^2/\text{NDF}: 156731.1/46$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.427 ± 0.068 $\chi^2/\text{NDF}: 2536.7/19$

Left Out: -1.297 ± 0.036 $\chi^2/\text{NDF}: 7903.2/24$

Right Out: -0.796 ± 0.061 $\chi^2/\text{NDF}: 4487.3/23$

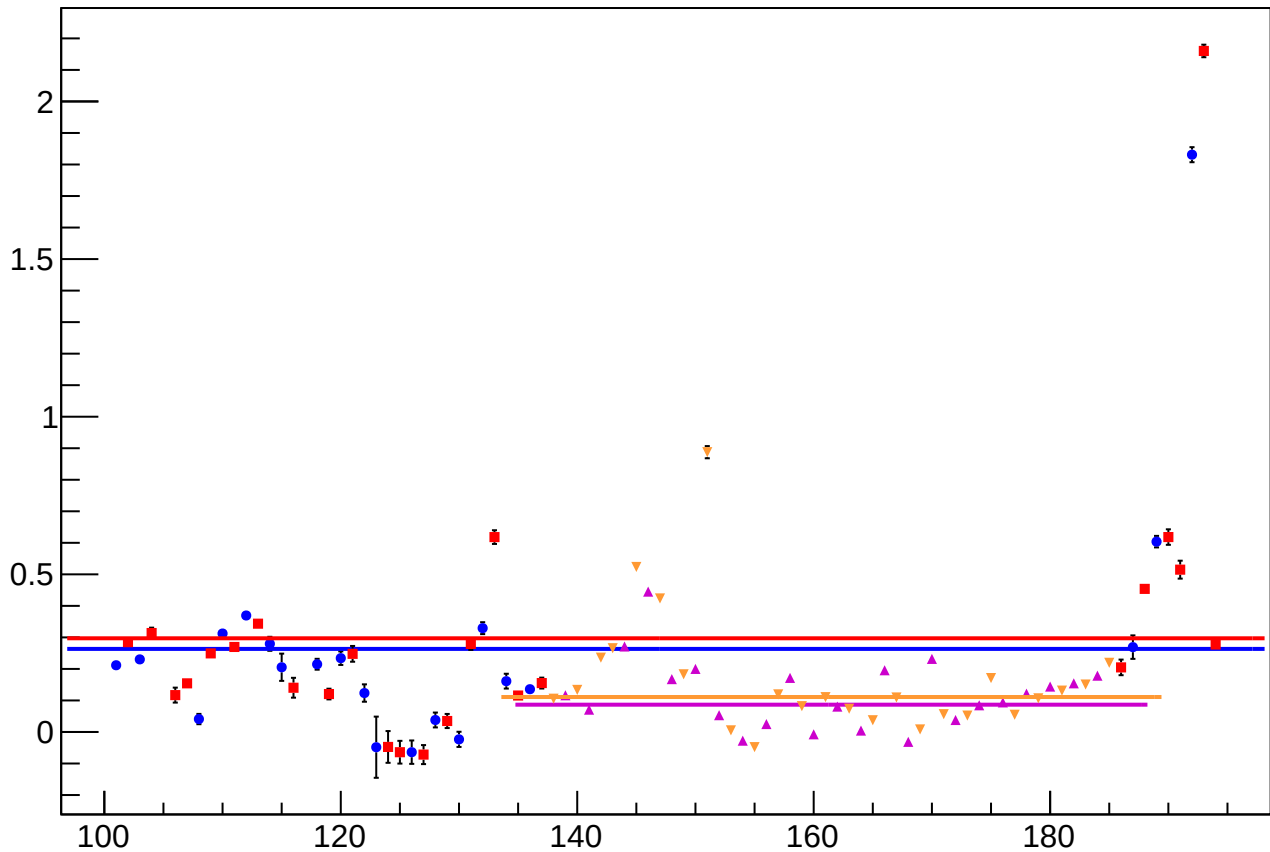
Left In: -1.081 ± 0.034 $\chi^2/\text{NDF}: 6764.0/22$

+ sign -1.325 ± 0.032 $\chi^2/\text{NDF}: 10442.7/44$

All: -1.159 ± 0.022 $\chi^2/\text{NDF}: 21762.6/91$

- sign -1.013 ± 0.030 $\chi^2/\text{NDF}: 11268.2/46$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.264 ± 0.004 $\chi^2/\text{NDF}: 5560.9/19$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4452.0/24$

Right Out: 0.297 ± 0.003 $\chi^2/\text{NDF}: 10724.7/23$

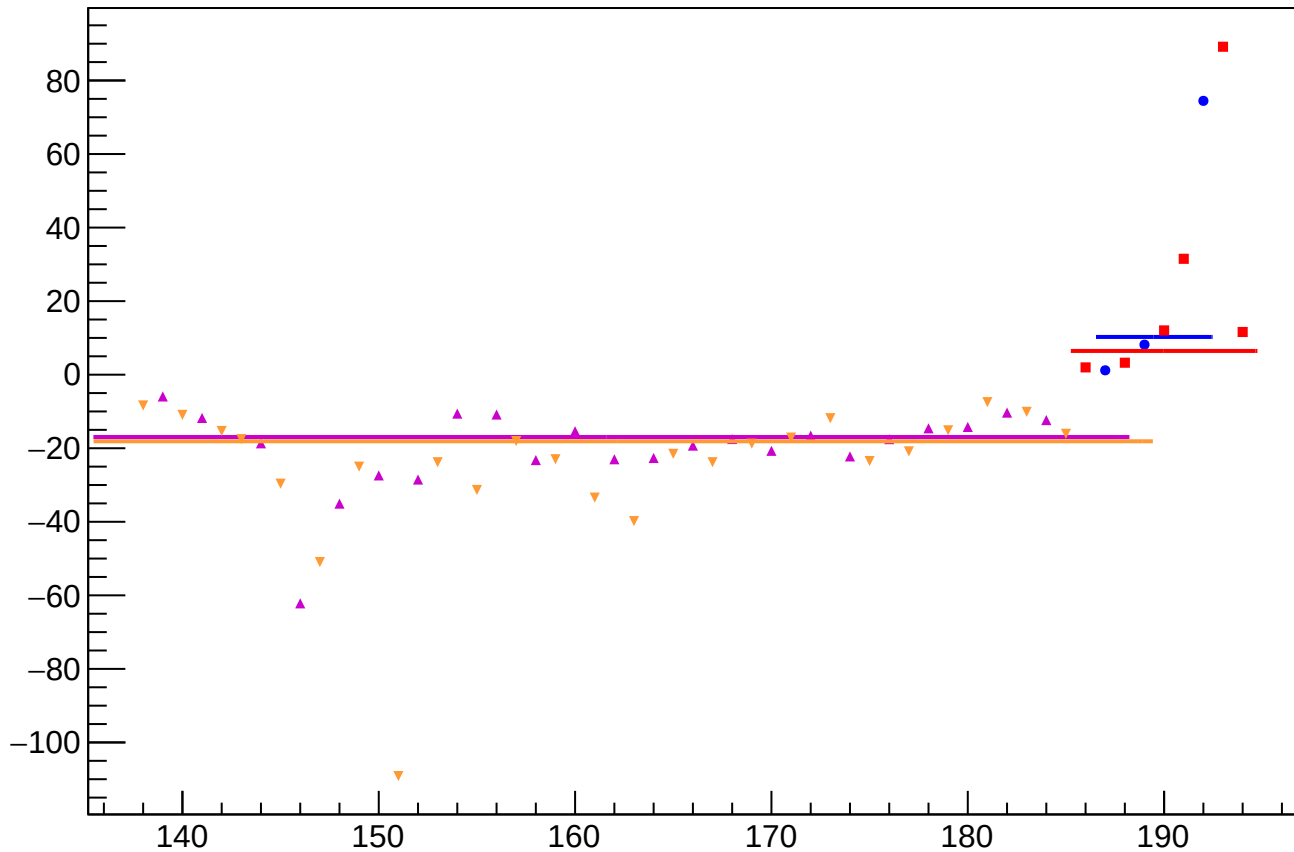
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3631.4/22$

+ sign 0.132 ± 0.001 $\chi^2/\text{NDF}: 11305.3/44$

All: 0.127 ± 0.001 $\chi^2/\text{NDF}: 29183.5/91$

- sign 0.123 ± 0.001 $\chi^2/\text{NDF}: 17857.5/46$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 10.264 ± 0.181 $\chi^2/\text{NDF}: 10586.0/2$

Left Out: -18.112 ± 0.039 $\chi^2/\text{NDF}: 88488.2/24$

Right Out: 6.455 ± 0.086 $\chi^2/\text{NDF}: 24468.7/5$

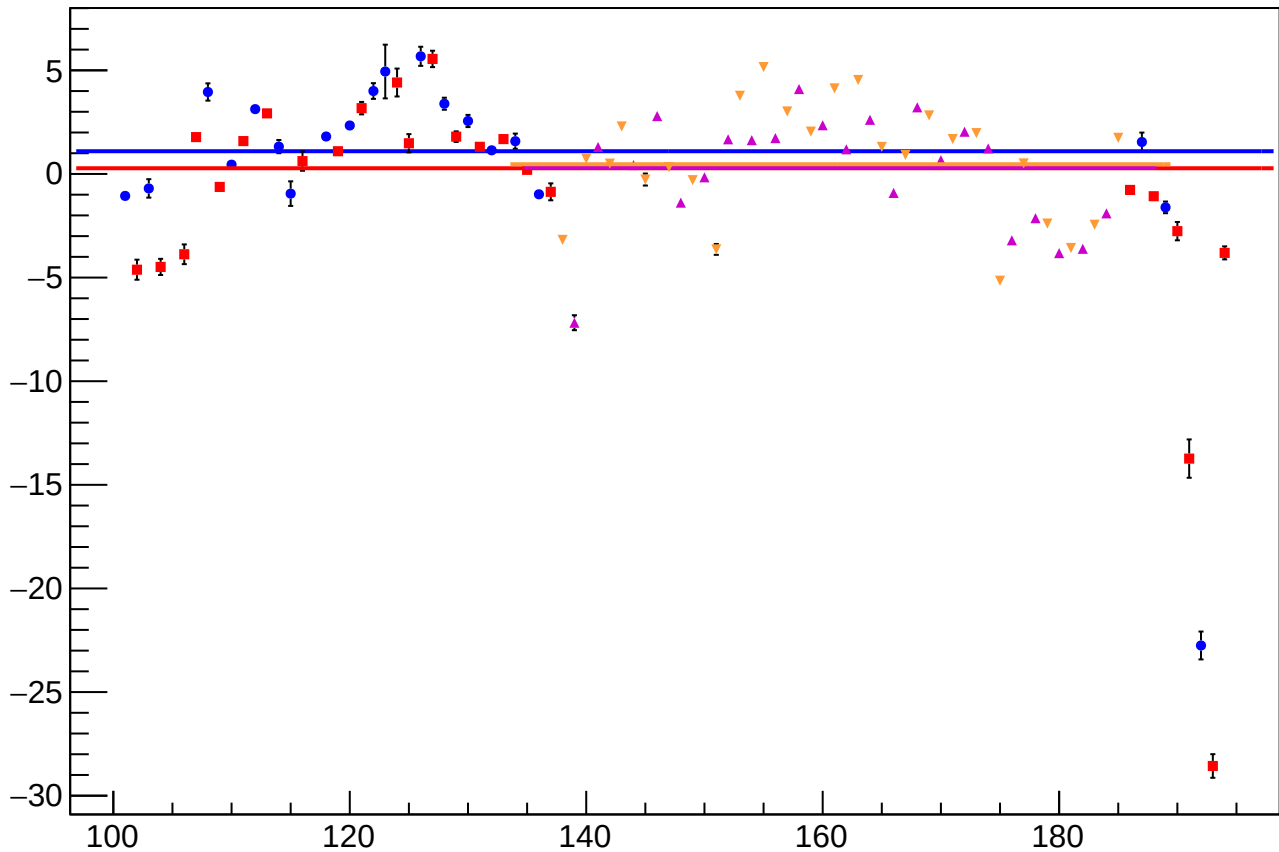
Left In: -16.945 ± 0.038 $\chi^2/\text{NDF}: 44756.2/22$

+ sign -16.857 ± 0.038 $\chi^2/\text{NDF}: 122685.0/27$

All: -14.844 ± 0.026 $\chi^2/\text{NDF}: 258663.7/56$

- sign -13.164 ± 0.035 $\chi^2/\text{NDF}: 130827.1/28$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.097 ± 0.059 χ^2/NDF : 2090.8/19

Left Out: 0.469 ± 0.032 χ^2/NDF : 7076.8/24

Right Out: 0.275 ± 0.052 χ^2/NDF : 4232.1/23

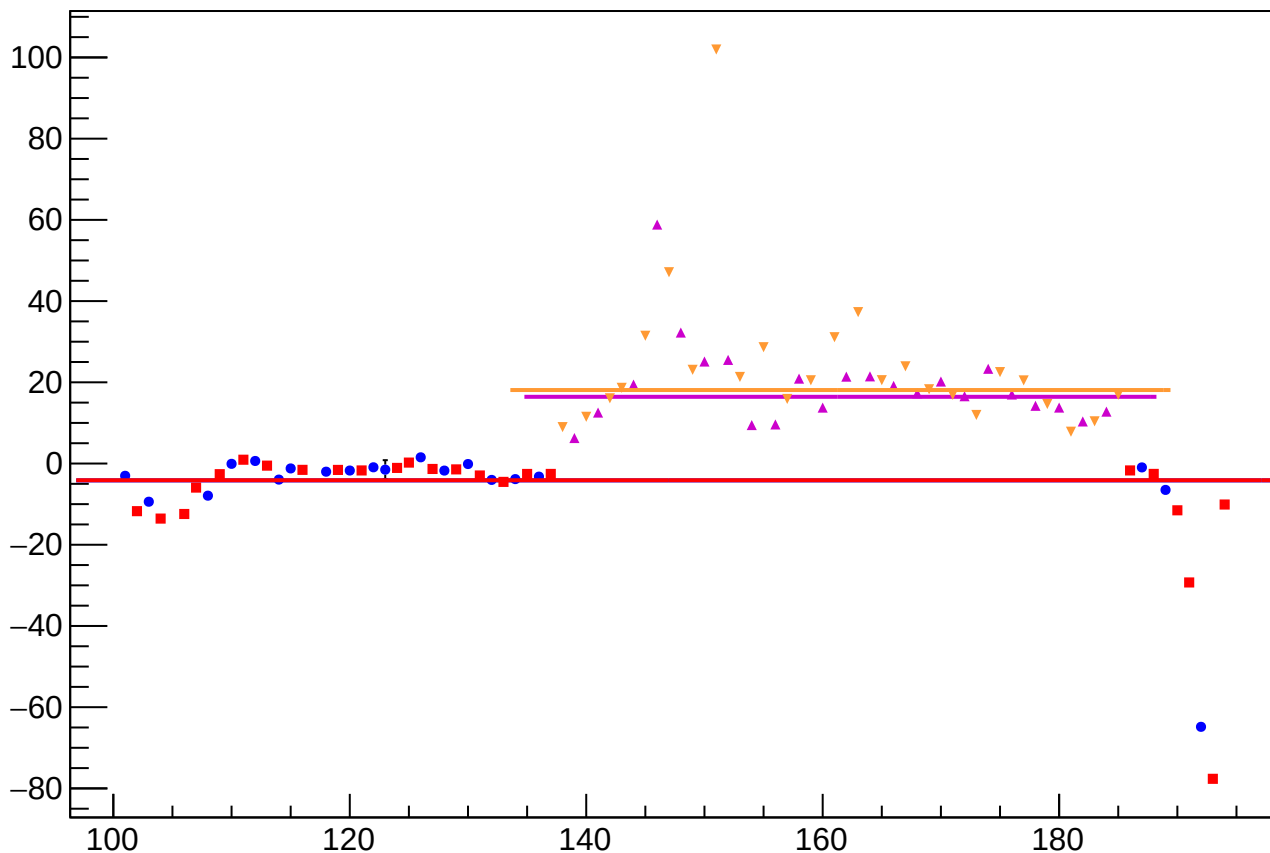
Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

+ sign 0.614 ± 0.028 χ^2/NDF : 9254.8/44

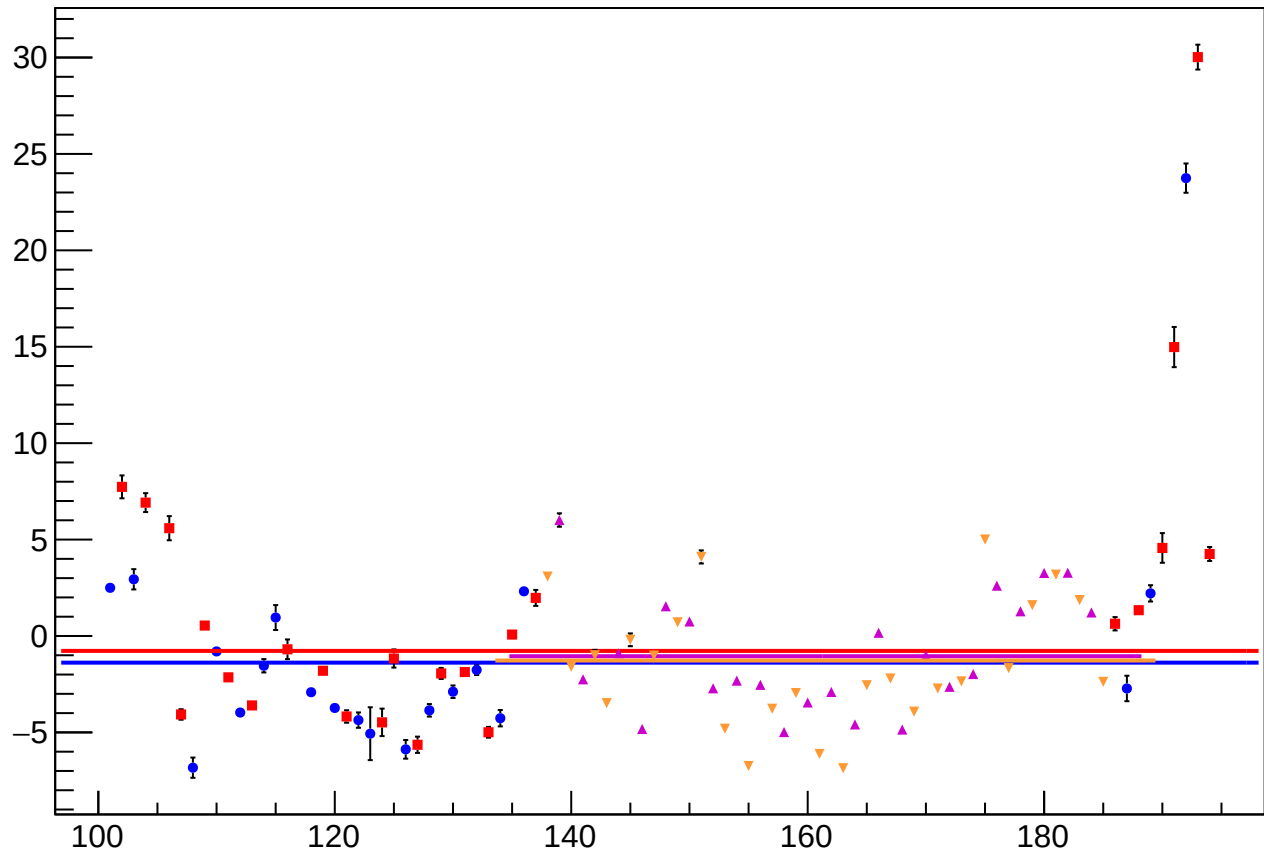
All: 0.447 ± 0.019 χ^2/NDF : 19787.0/91

- sign 0.303 ± 0.026 χ^2/NDF : 10467.5/46

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.383 ± 0.069 $\chi^2/\text{NDF}: 2536.7/19$

Left Out: -1.273 ± 0.036 $\chi^2/\text{NDF}: 7931.0/24$

Right Out: -0.773 ± 0.061 $\chi^2/\text{NDF}: 4490.0/23$

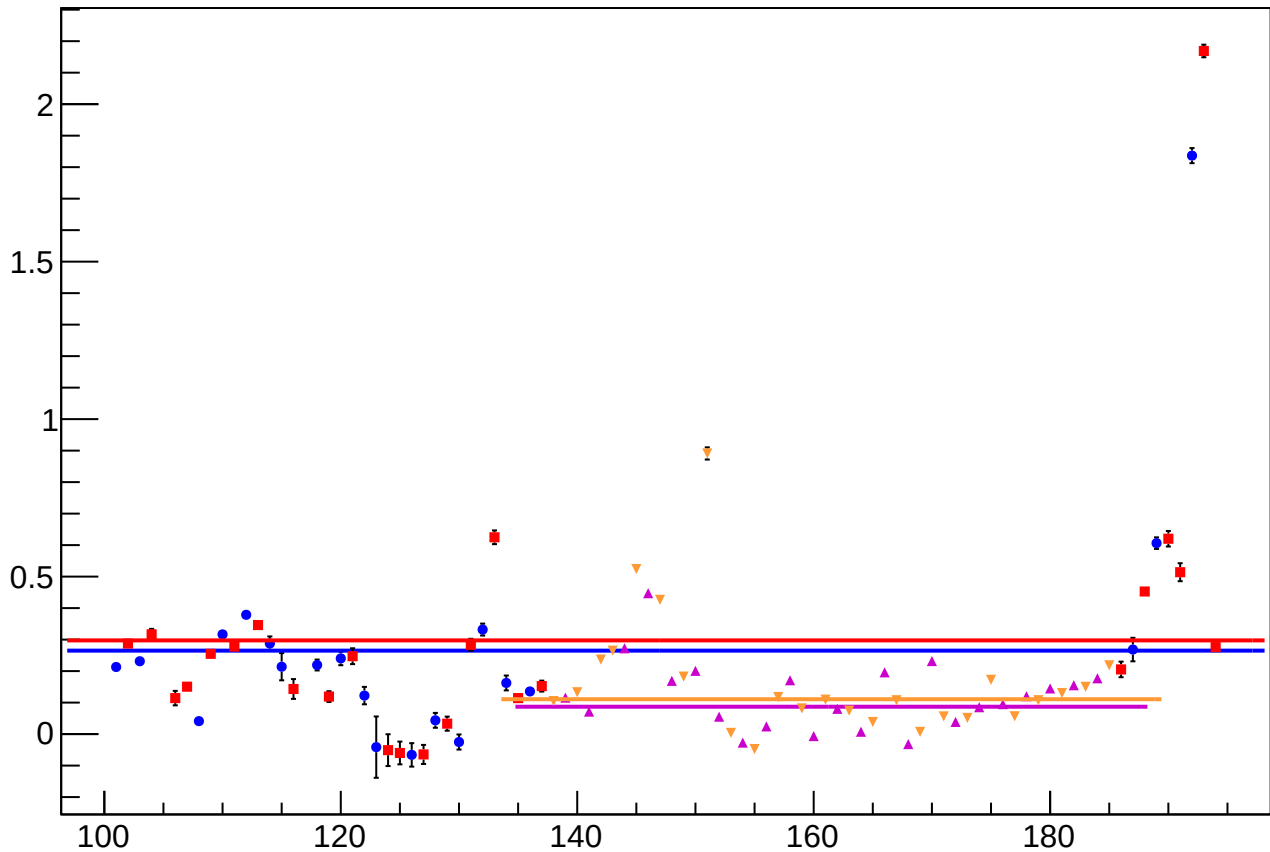
Left In: -1.050 ± 0.034 $\chi^2/\text{NDF}: 6713.0/22$

+ sign -1.296 ± 0.032 $\chi^2/\text{NDF}: 10469.7/44$

All: -1.130 ± 0.022 $\chi^2/\text{NDF}: 21740.0/91$

- sign -0.984 ± 0.030 $\chi^2/\text{NDF}: 11218.8/46$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.265 ± 0.004 $\chi^2/\text{NDF}: 5579.6/19$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4430.3/24$

Right Out: 0.297 ± 0.003 $\chi^2/\text{NDF}: 10746.5/23$

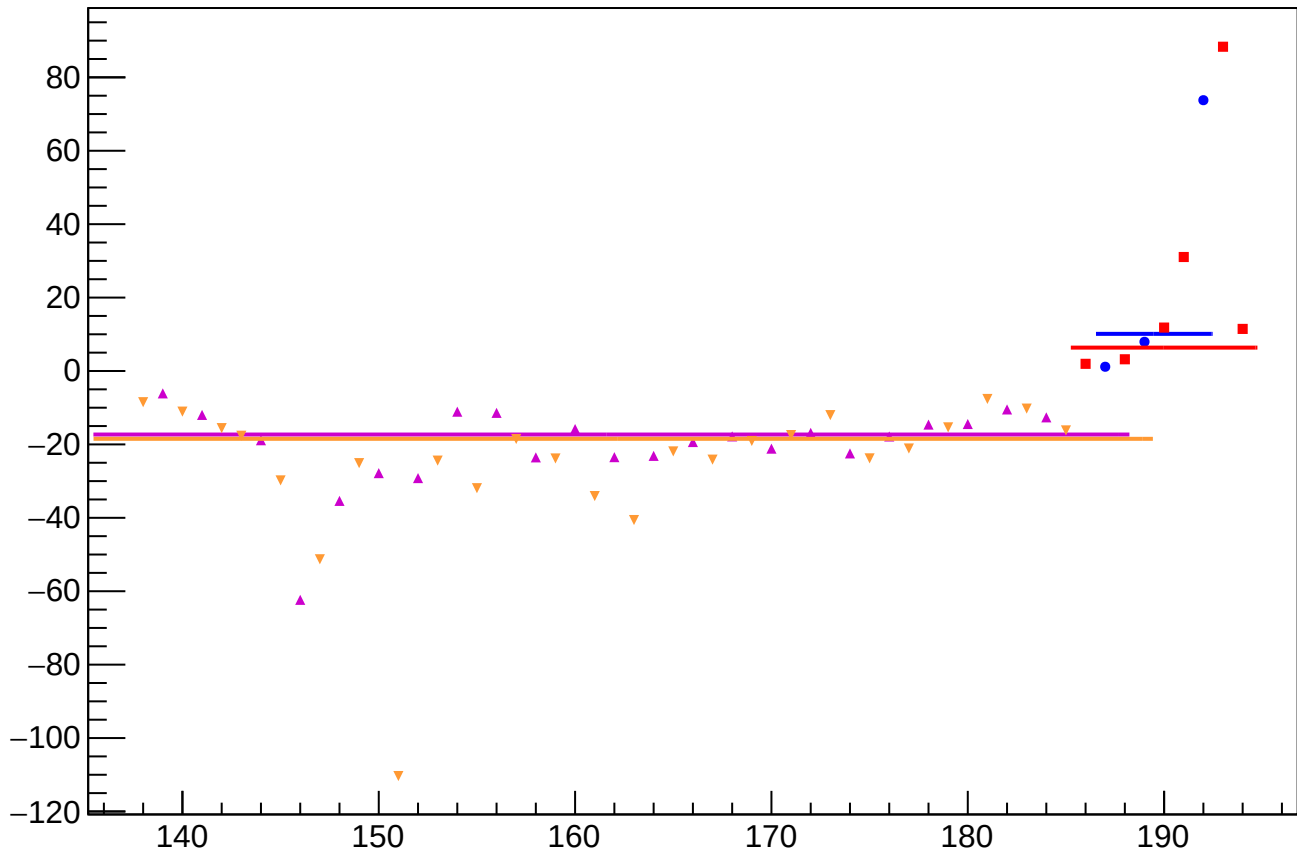
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3604.3/22$

+ sign 0.132 ± 0.001 $\chi^2/\text{NDF}: 11320.9/44$

All: 0.128 ± 0.001 $\chi^2/\text{NDF}: 29176.8/91$

- sign 0.124 ± 0.001 $\chi^2/\text{NDF}: 17837.0/46$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 10.118 ± 0.181 χ^2/NDF : 10347.2/2

Left Out: -18.478 ± 0.040 χ^2/NDF : 87856.5/24

Right Out: 6.369 ± 0.087 χ^2/NDF : 23946.8/5

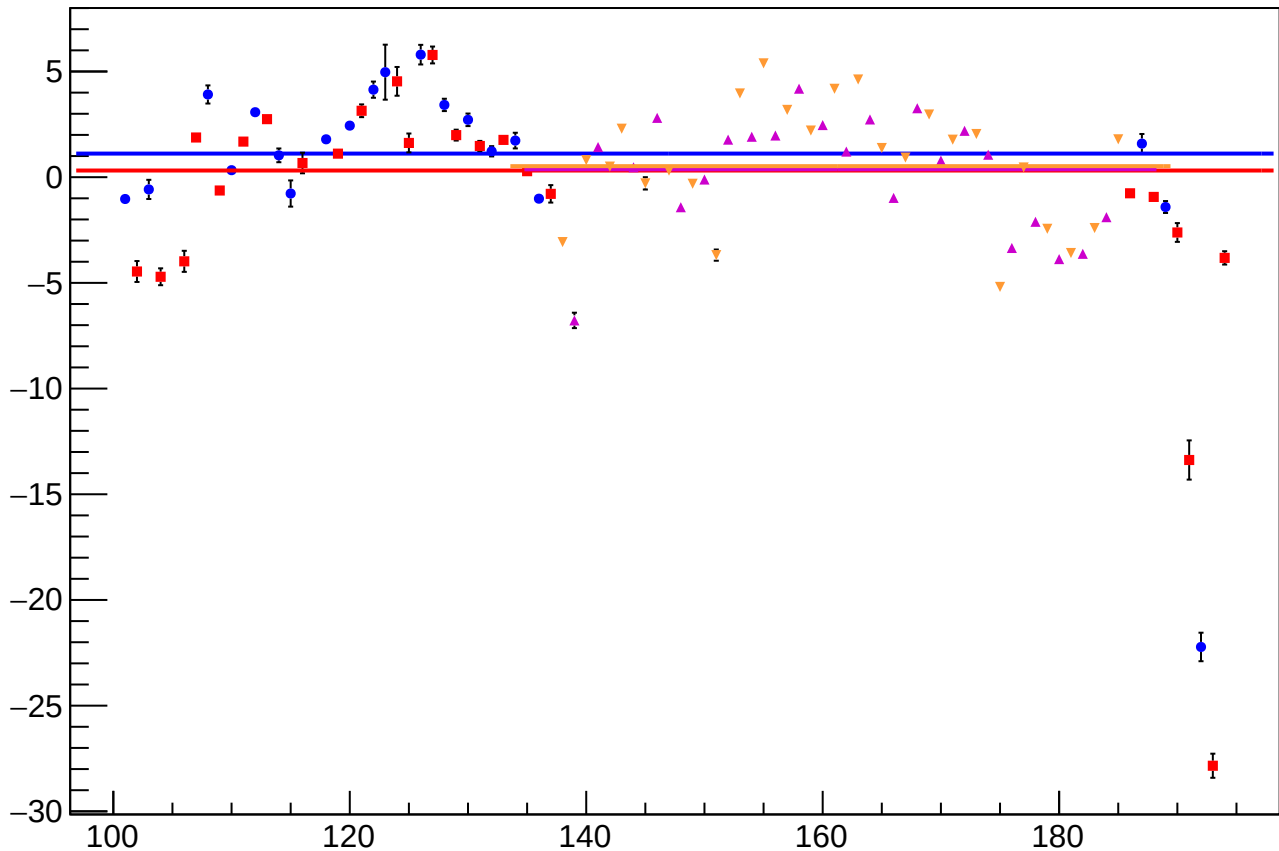
Left In: -17.309 ± 0.039 χ^2/NDF : 43807.0/22

+ sign -17.165 ± 0.039 χ^2/NDF : 121973.8/27

All: -15.082 ± 0.026 χ^2/NDF : 257280.0/56

- sign -13.350 ± 0.035 χ^2/NDF : 130034.8/28

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.116 ± 0.060 χ^2/NDF : 2015.6/19

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.315 ± 0.053 χ^2/NDF : 4059.7/23

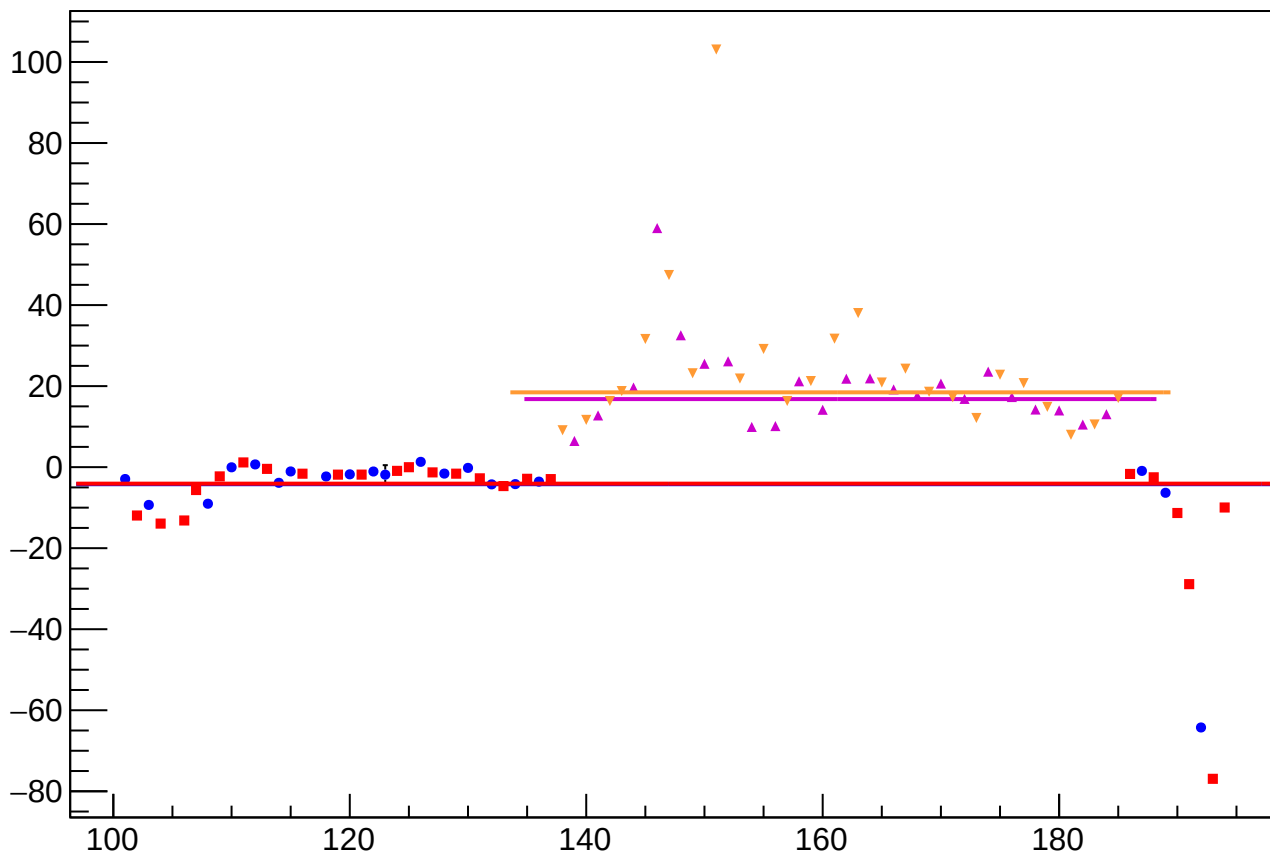
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.660 ± 0.029 χ^2/NDF : 9129.4/44

All: 0.498 ± 0.020 χ^2/NDF : 19512.3/91

- sign 0.358 ± 0.027 χ^2/NDF : 10324.4/46

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -4.211 ± 0.090 $\chi^2/\text{NDF}: 12016.0/19$

Left Out: 18.463 ± 0.040 $\chi^2/\text{NDF}: 77193.5/24$

Right Out: -4.073 ± 0.058 $\chi^2/\text{NDF}: 25800.6/23$

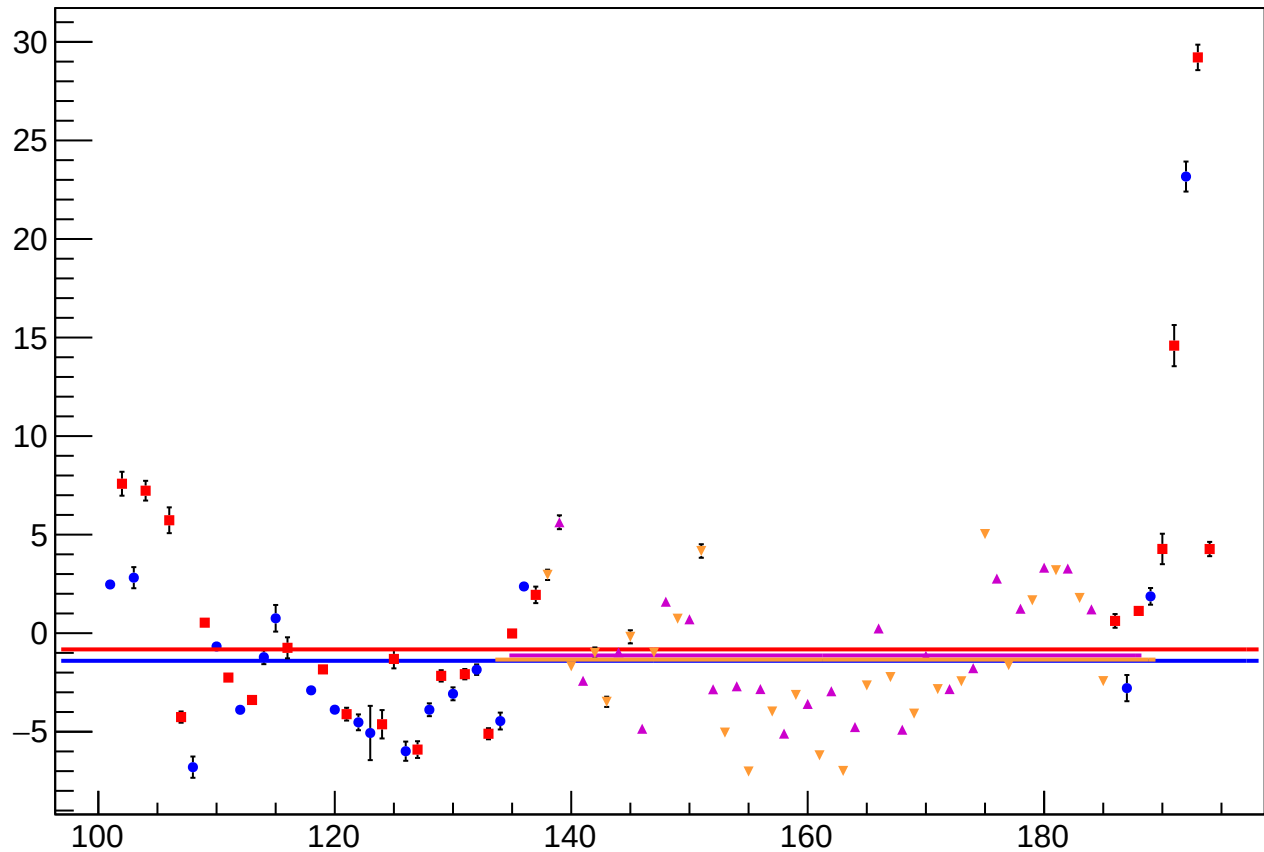
Left In: 16.798 ± 0.038 $\chi^2/\text{NDF}: 40258.9/22$

+ sign 14.763 ± 0.037 $\chi^2/\text{NDF}: 141831.7/44$

All: 12.332 ± 0.024 $\chi^2/\text{NDF}: 305366.8/91$

- sign 10.458 ± 0.032 $\chi^2/\text{NDF}: 155685.8/46$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.402 ± 0.070 χ^2/NDF : 2455.2/19

Left Out: -1.341 ± 0.037 χ^2/NDF : 7886.0/24

Right Out: -0.823 ± 0.062 χ^2/NDF : 4314.0/23

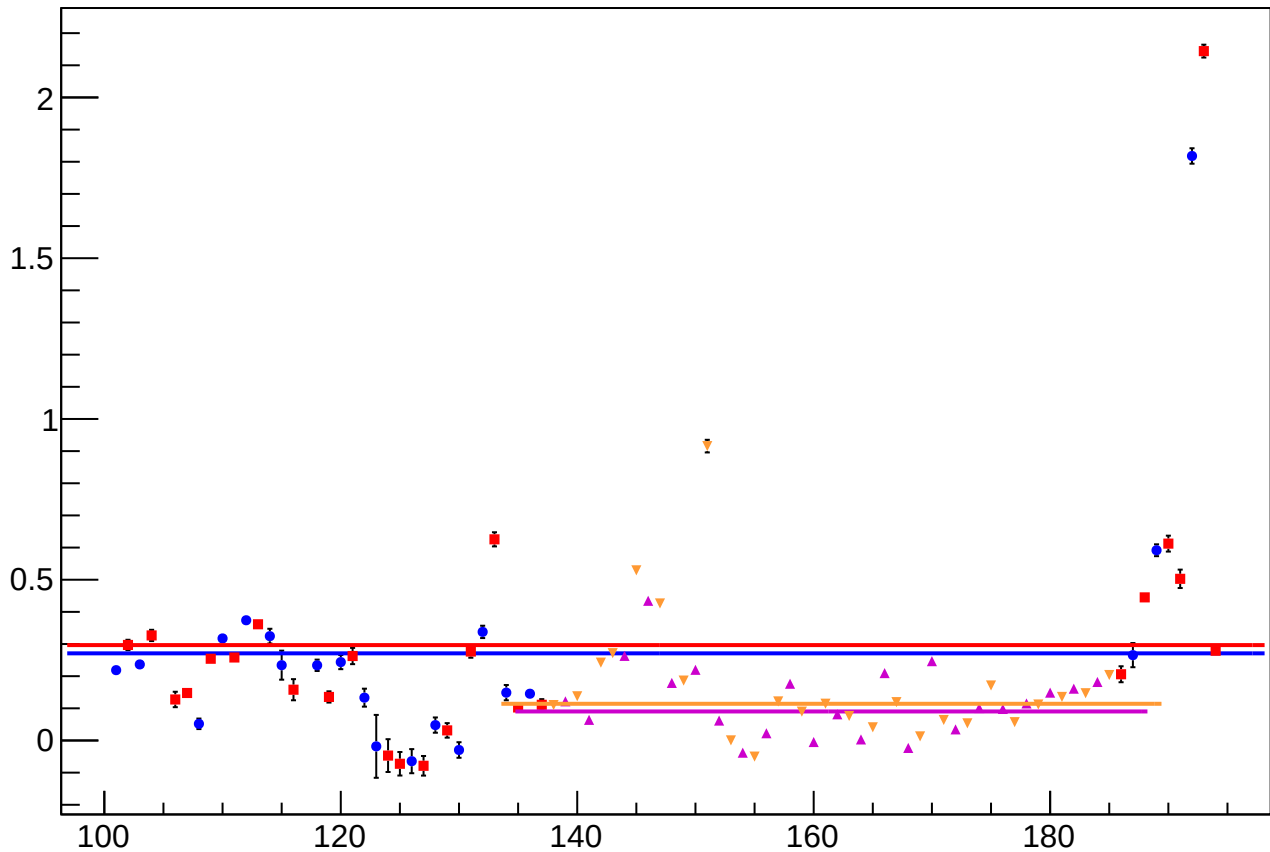
Left In: -1.132 ± 0.035 χ^2/NDF : 6743.4/22

+ sign -1.354 ± 0.032 χ^2/NDF : 10341.8/44

All: -1.196 ± 0.022 χ^2/NDF : 21462.5/91

- sign -1.058 ± 0.030 χ^2/NDF : 11076.2/46

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.271 ± 0.004 χ^2/NDF : 5339.8/19

Left Out: 0.114 ± 0.002 χ^2/NDF : 4382.5/24

Right Out: 0.297 ± 0.003 χ^2/NDF : 10537.4/23

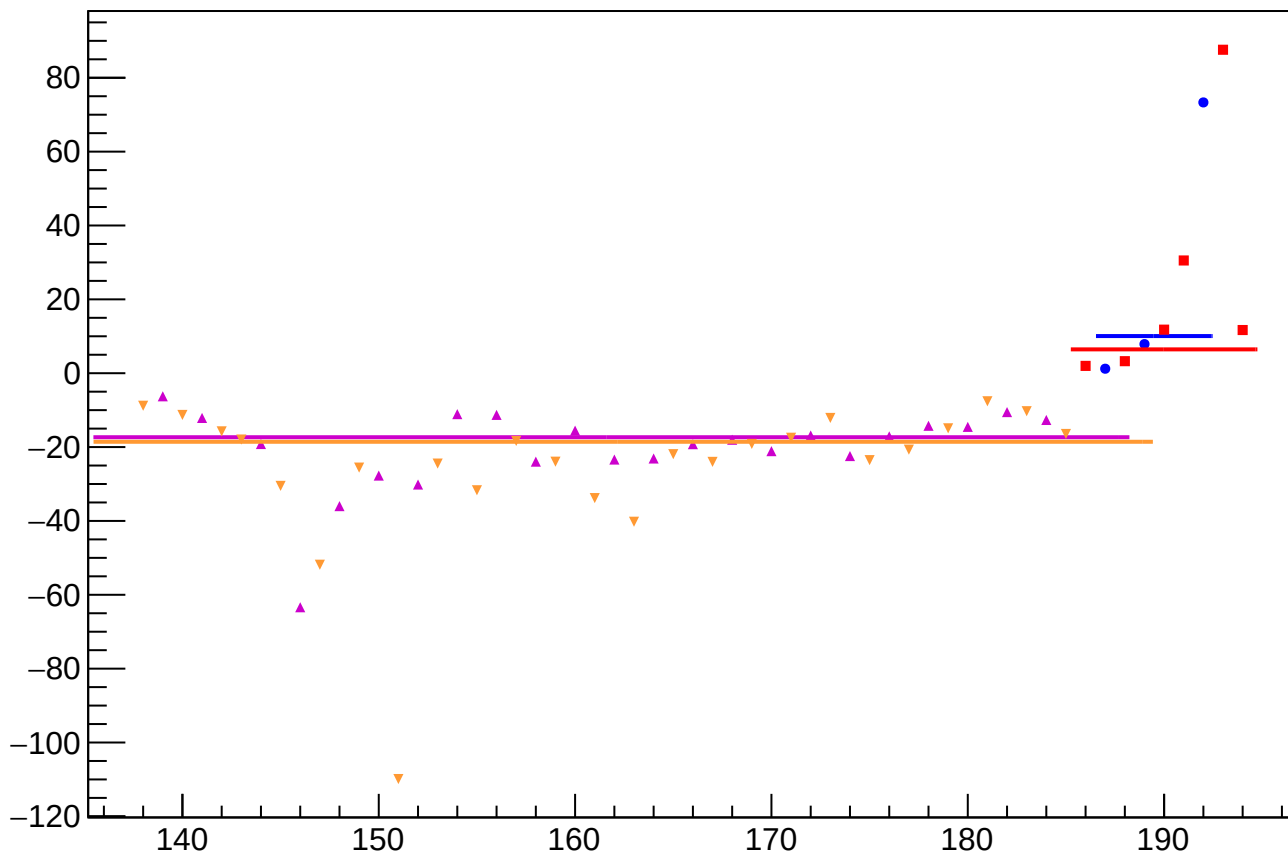
Left In: 0.090 ± 0.002 χ^2/NDF : 3679.2/22

+ sign 0.137 ± 0.002 χ^2/NDF : 11032.4/44

All: 0.131 ± 0.001 χ^2/NDF : 28503.1/91

- sign 0.127 ± 0.001 χ^2/NDF : 17448.8/46

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 10.058 ± 0.182 $\chi^2/\text{NDF}: 10110.4/2$

Left Out: -18.565 ± 0.040 $\chi^2/\text{NDF}: 86349.5/24$

Right Out: 6.454 ± 0.088 $\chi^2/\text{NDF}: 23383.1/5$

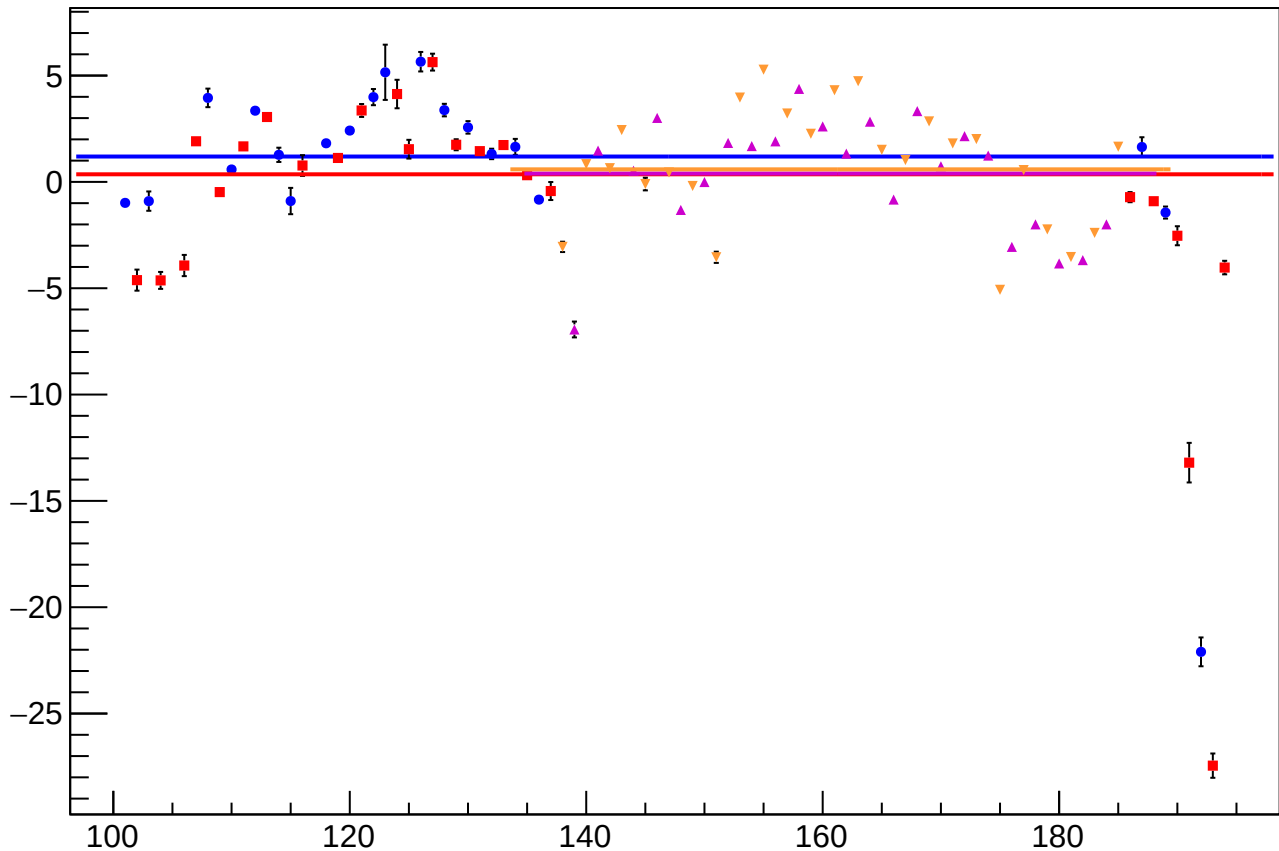
Left In: -17.335 ± 0.039 $\chi^2/\text{NDF}: 44078.7/22$

+ sign -17.236 ± 0.039 $\chi^2/\text{NDF}: 120074.7/27$

All: -15.126 ± 0.026 $\chi^2/\text{NDF}: 254358.6/56$

- sign -13.372 ± 0.036 $\chi^2/\text{NDF}: 128978.4/28$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.193 ± 0.060 $\chi^2/\text{NDF}: 1964.1/19$

Left Out: 0.590 ± 0.033 $\chi^2/\text{NDF}: 6780.3/24$

Right Out: 0.357 ± 0.053 $\chi^2/\text{NDF}: 3980.8/23$

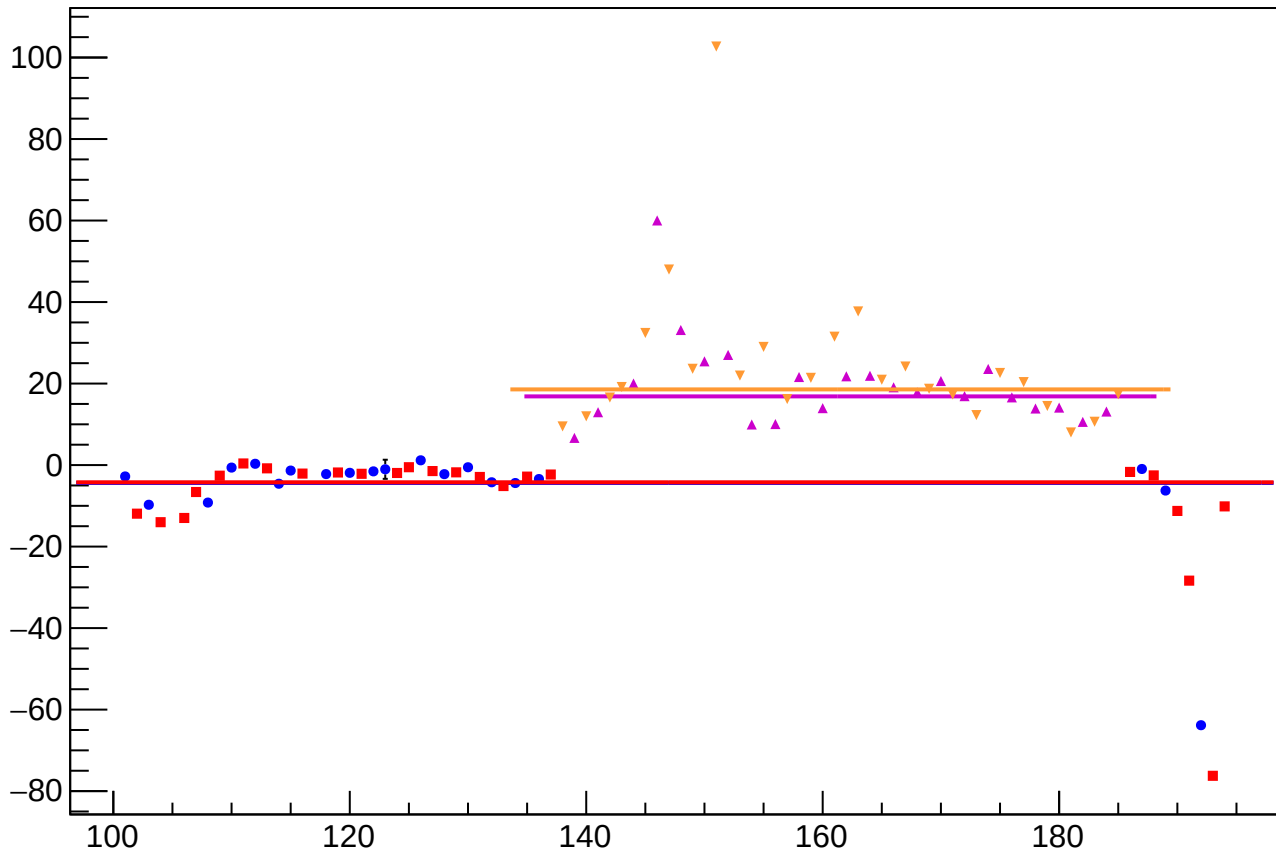
Left In: 0.394 ± 0.032 $\chi^2/\text{NDF}: 6112.7/22$

+ sign 0.731 ± 0.029 $\chi^2/\text{NDF}: 8820.6/44$

All: 0.546 ± 0.020 $\chi^2/\text{NDF}: 18989.7/91$

- sign 0.385 ± 0.027 $\chi^2/\text{NDF}: 10093.8/46$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -4.381 ± 0.091 χ^2/NDF : 11606.0/19

Left Out: 18.569 ± 0.040 χ^2/NDF : 75983.2/24

Right Out: -4.229 ± 0.059 χ^2/NDF : 25039.0/23

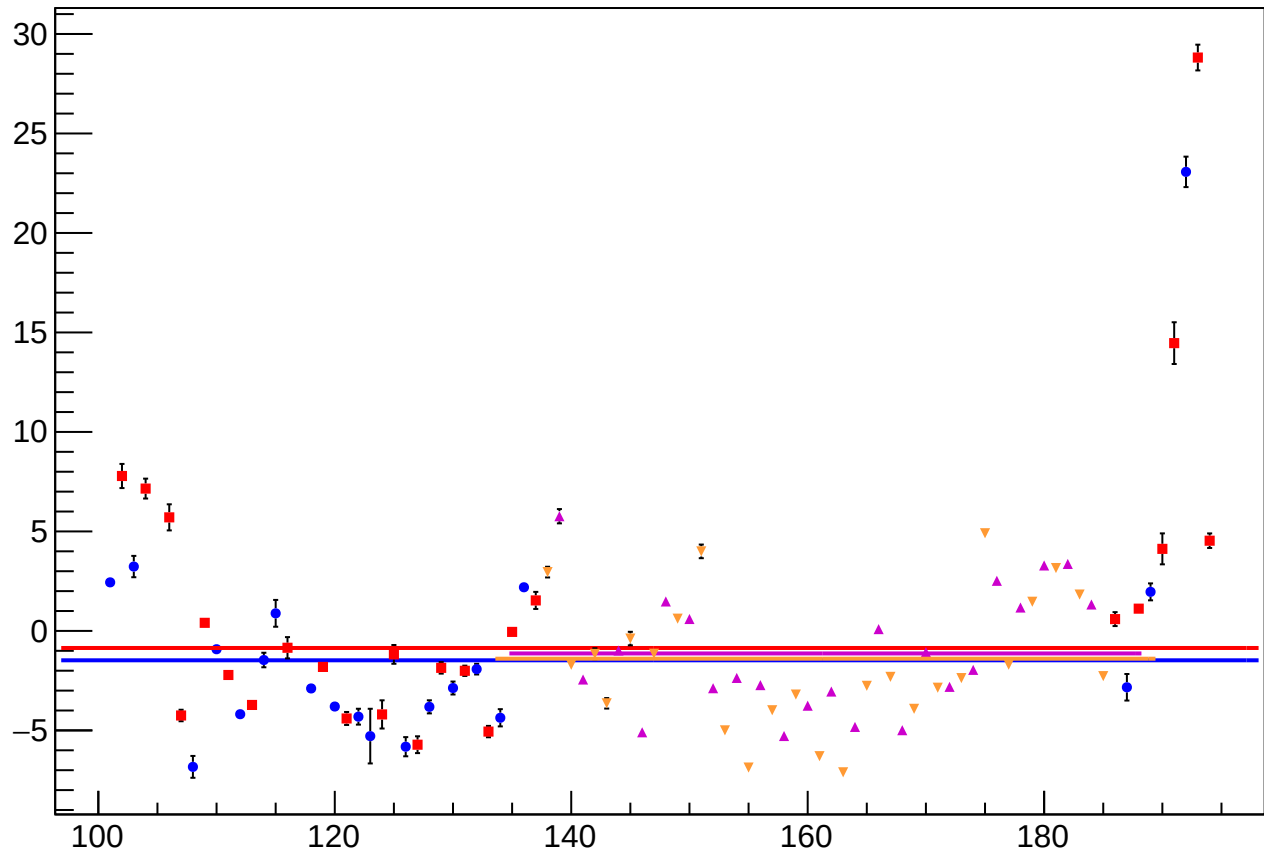
Left In: 16.854 ± 0.039 χ^2/NDF : 40590.0/22

+ sign 14.835 ± 0.037 χ^2/NDF : 140357.5/44

All: 12.390 ± 0.024 χ^2/NDF : 302886.7/91

- sign -10.501 ± 0.032 χ^2/NDF : 154734.9/46

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.477 ± 0.071 χ^2/NDF : 2387.9/19

Left Out: -1.397 ± 0.037 χ^2/NDF : 7631.3/24

Right Out: -0.858 ± 0.063 χ^2/NDF : 4231.1/23

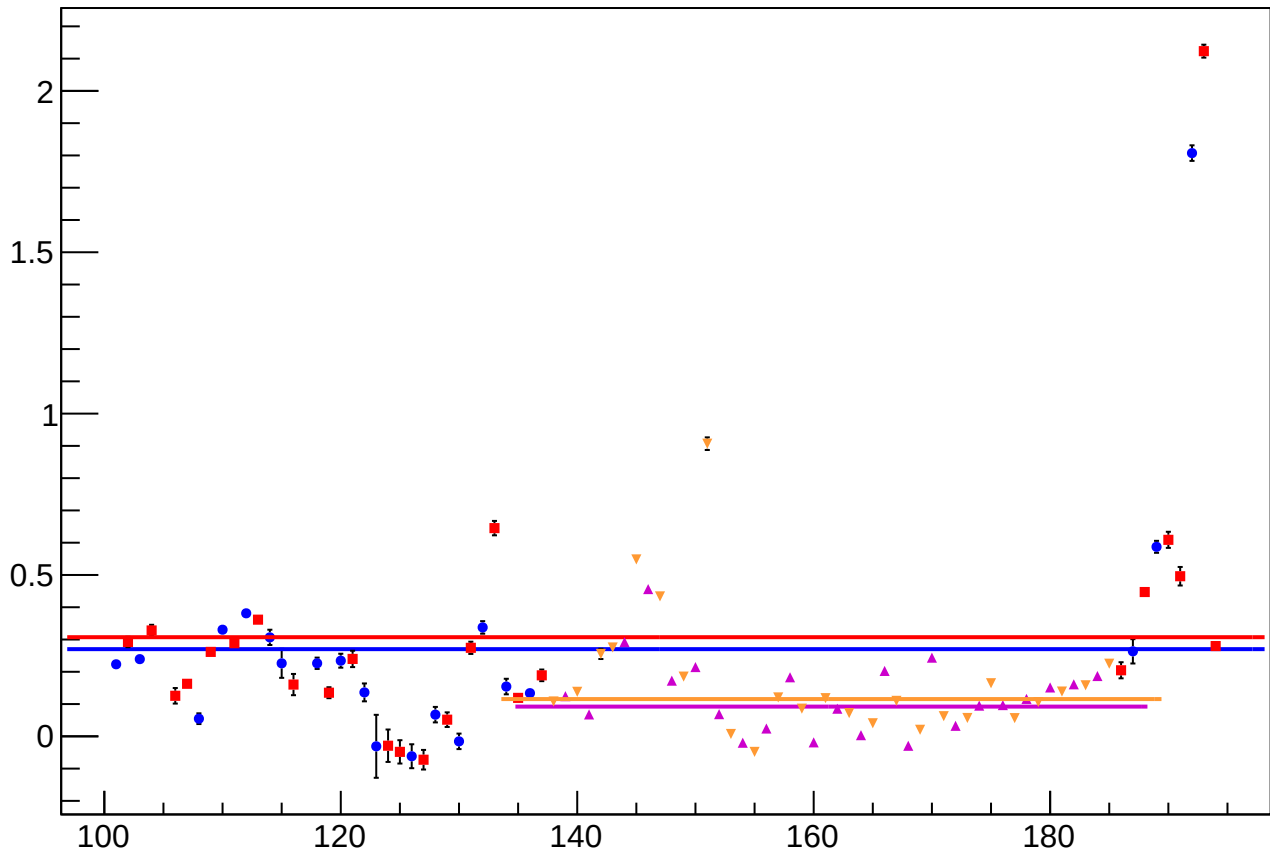
Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

+ sign -1.414 ± 0.033 χ^2/NDF : 10020.2/44

All: -1.229 ± 0.022 χ^2/NDF : 20964.0/91

- sign -1.067 ± 0.031 χ^2/NDF : 10884.0/46

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.270 $\pm$ 0.004 χ^2 /NDF: 5229.2/19

Left Out: 0.115 $\pm$ 0.002 χ^2 /NDF: 4423.4/24

Right Out: 0.307 $\pm$ 0.003 χ^2 /NDF: 10046.1/23

Left In: 0.092 $\pm$ 0.002 χ^2 /NDF: 3632.6/22

+ sign 0.137 $\pm$ 0.002 χ^2 /NDF: 10896.1/44

All: 0.133 $\pm$ 0.001 χ^2 /NDF: 27985.0/91

- sign 0.130 $\pm$ 0.001 χ^2 /NDF: 17075.7/46