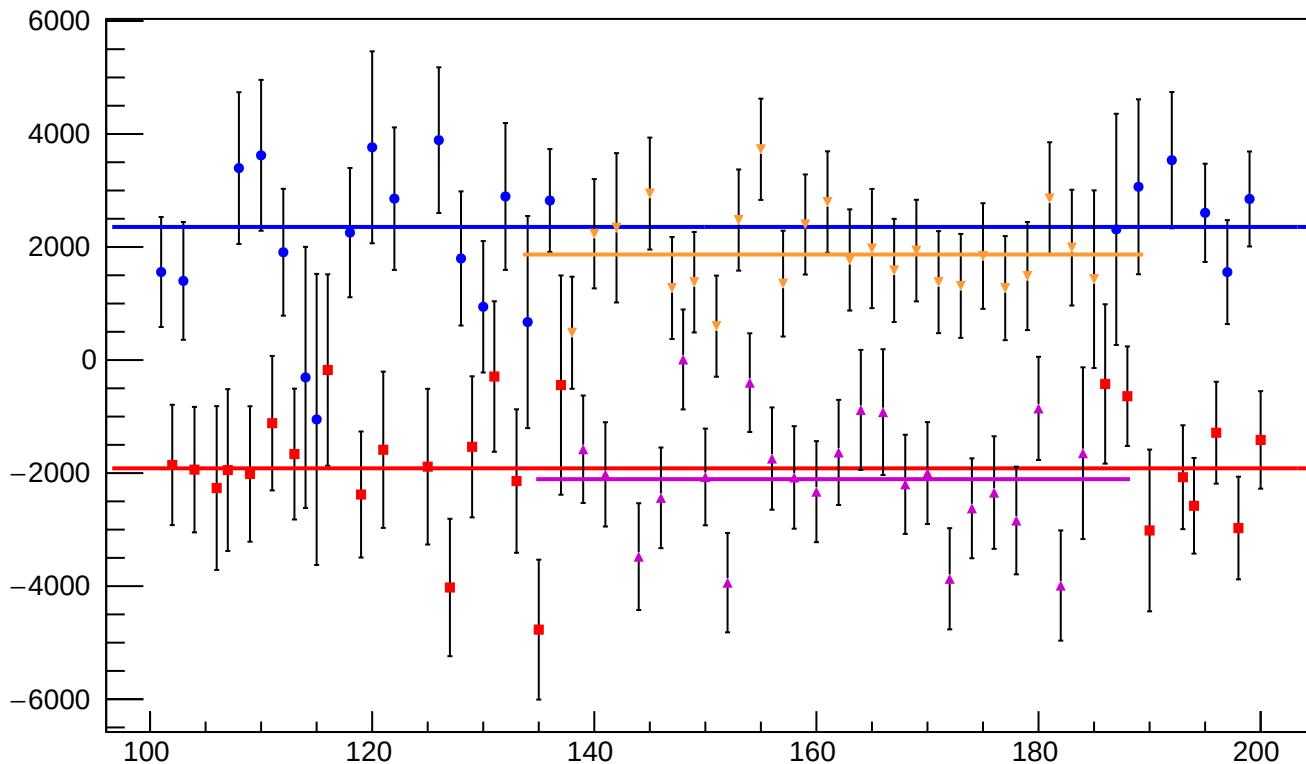


dit_asym_us_avg_mean vs Slug



Right In: 2355.323+/-255.078

$\chi^2/\text{NDF}: 13.8/21$

+ sign 2047.211+/-154.818

$\chi^2/\text{NDF}: 31.2/45$

Left Out: 1867.512+/-194.801

$\chi^2/\text{NDF}: 15.1/23$

All: -75.592+/-107.141

$\chi^2/\text{NDF}: 441.5/93$

Right Out: -1915.712+/-228.917

$\chi^2/\text{NDF}: 19.0/24$

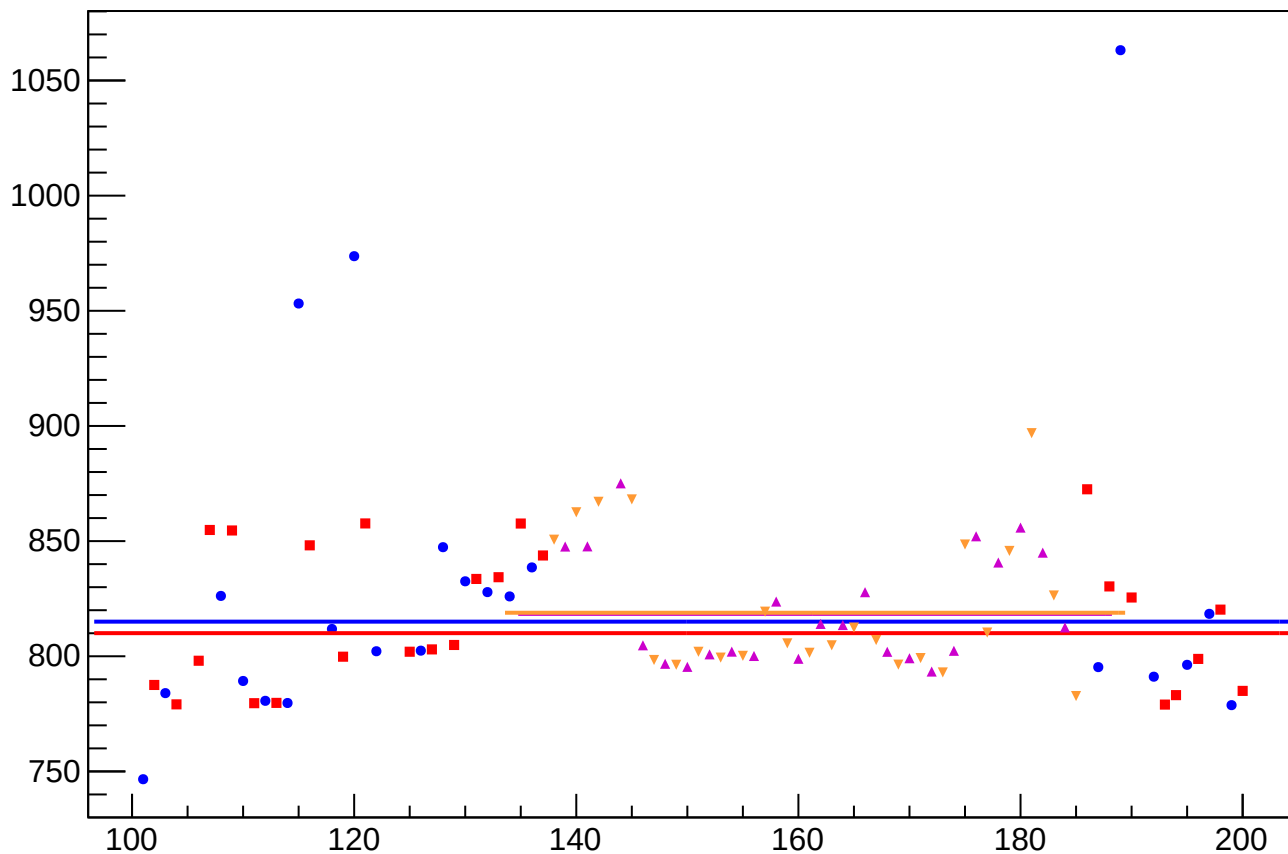
- sign -2026.725+/-148.426

$\chi^2/\text{NDF}: 49.4/47$

Left In: -2107.246+/-194.959

$\chi^2/\text{NDF}: 30.0/22$

dit_asym_us_avg_rms vs Slug



Right In: 815.035 $\pm$ 0.180 χ^2 /NDF: 99127.1/21

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

Right Out: 810.037 $\pm$ 0.162 χ^2 /NDF: 30403.6/24

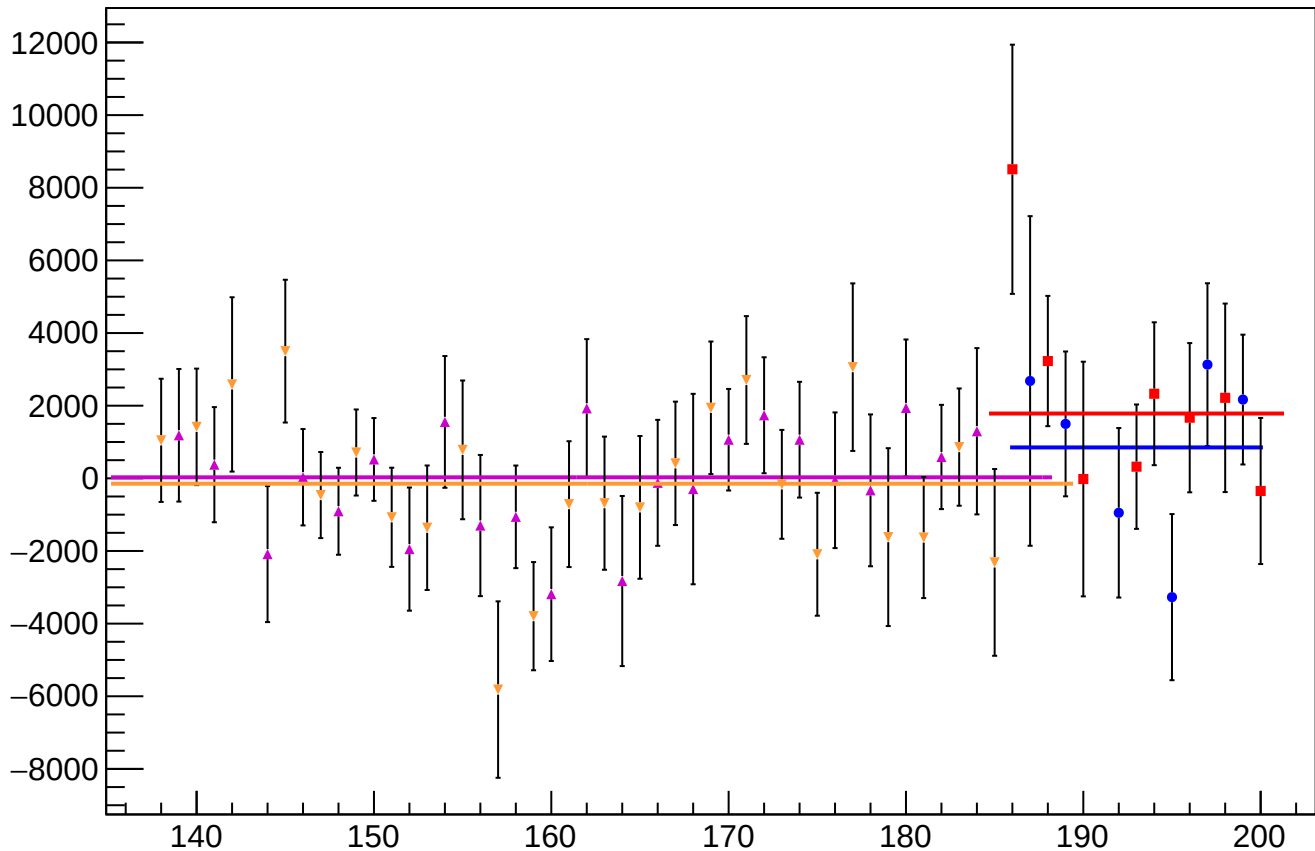
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

+ sign 817.476 $\pm$ 0.109 χ^2 /NDF: 141088.1/45

All: 816.127 $\pm$ 0.076 χ^2 /NDF: 203238.5/93

- sign 814.886 $\pm$ 0.105 χ^2 /NDF: 61858.7/47

asym_us_avg_correction_mean vs Slug



Right In: 850.961 $\pm$ 917.698 χ^2 /NDF: 5.7/5

Left Out: -147.864 $\pm$ 347.750 χ^2 /NDF:29.3/23

Right Out: 1784.120 $\pm$ 761.630 χ^2 /NDF: 6.8/7

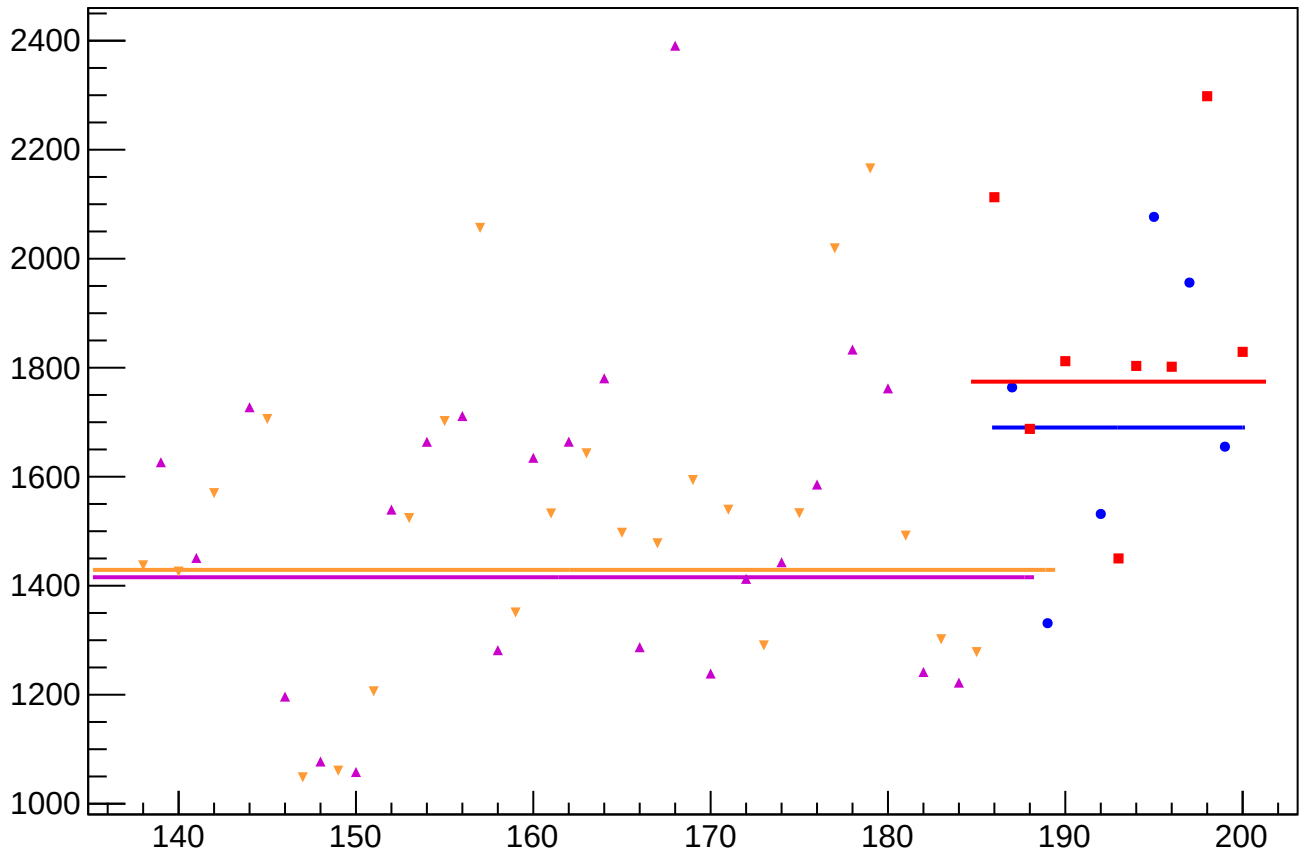
Left In: 27.722 $\pm$ 344.229 χ^2 /NDF:14.8/22

+ sign -22.448 $\pm$ 325.186 χ^2 /NDF: 36.0/29

All: 157.867 $\pm$ 225.763 χ^2 /NDF: 62.6/60

- sign 325.646 $\pm$ 313.679 χ^2 /NDF: 26.0/30

asym_us_avg_correction_rms vs Slug



Right In: 1690.279+/-0.649 χ^2/NDF : 160670.2/5

Left Out: 1429.065+/-0.246 χ^2/NDF : 1106949.6/23

Right Out: 1774.424+/-0.539 χ^2/NDF : 179913.4/7

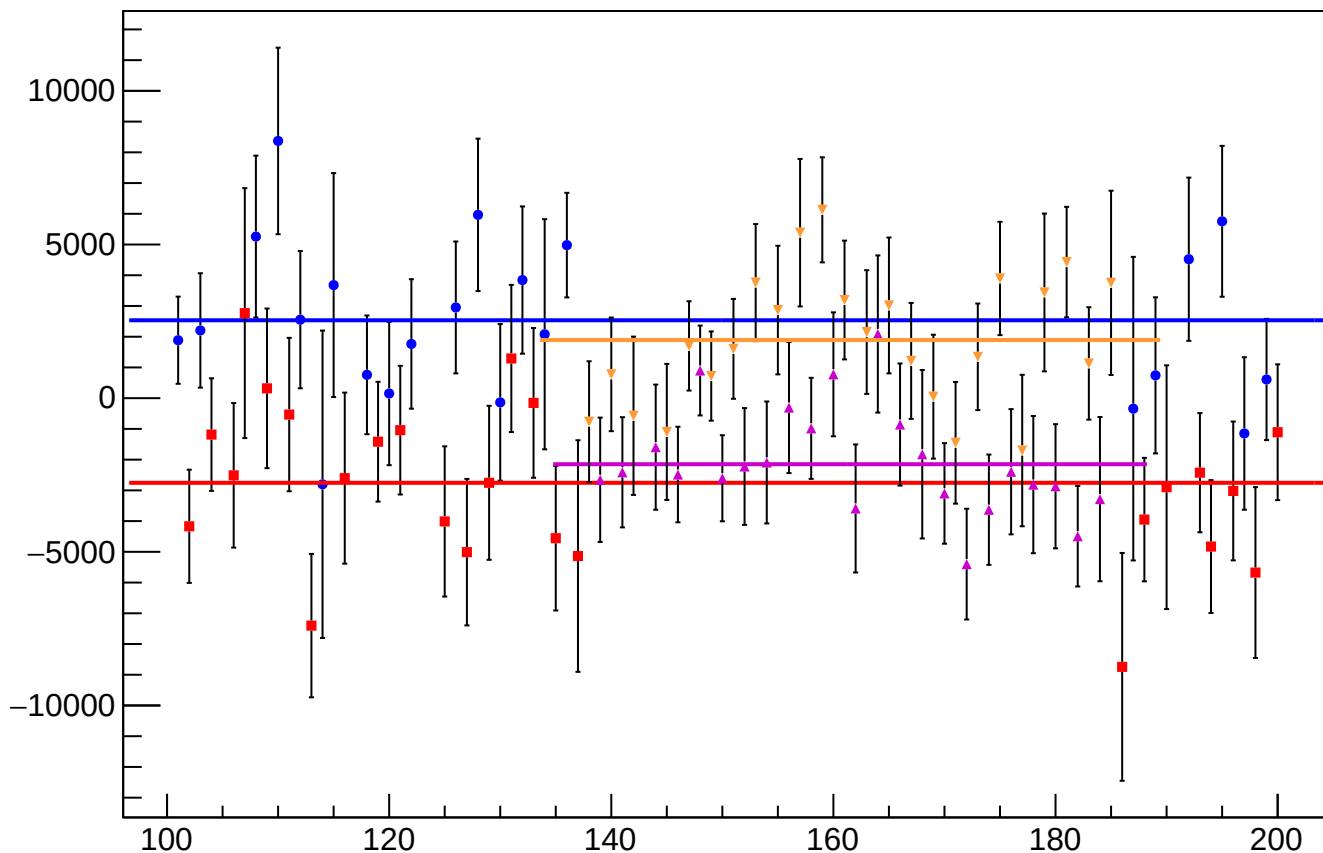
Left In: 1415.555+/-0.243 χ^2/NDF : 1245603.5/22

+ sign 1461.864+/-0.230 χ^2/NDF : 1409314.3/29

All: 1469.408+/-0.160 χ^2/NDF : 3205623.2/60

- sign 1476.427+/-0.222 χ^2/NDF : 1794231.1/30

asym_us_avg_mean vs Slug



Right In: 2535.158 $\pm$ 495.142 χ^2 /NDF: 20.0/21

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

Right Out: -2753.817 $\pm$ 474.675 χ^2 /NDF: 22.2/24

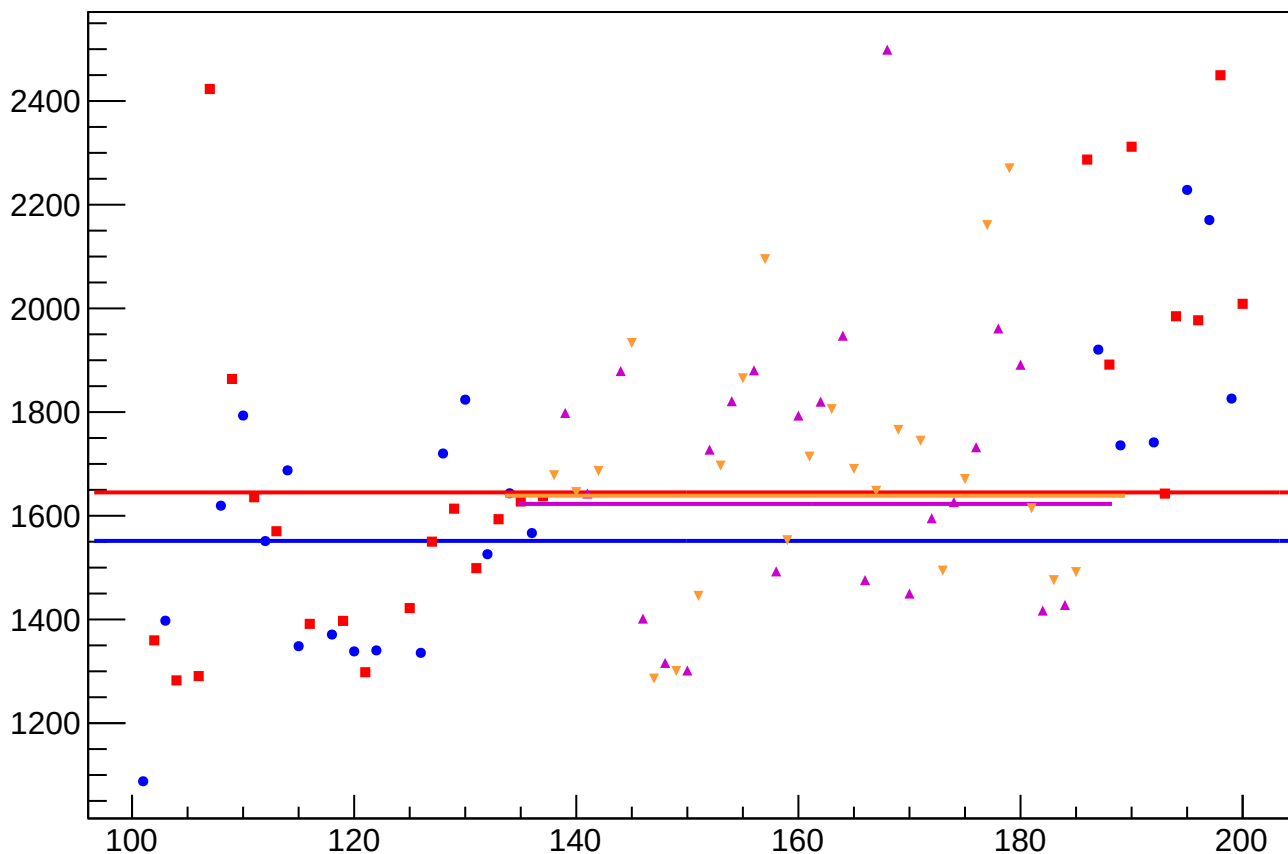
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2142.284 $\pm$ 308.685 χ^2 /NDF: 46.9/45

All: -174.543 $\pm$ 215.917 χ^2 /NDF: 198.8/93

- sign -2393.942 $\pm$ 302.125 χ^2 /NDF: 41.6/47

asym_us_avg_rms vs Slug



Right In: 1551.545 ± 0.350 χ^2/NDF : 704564.4/21

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

Right Out: 1645.056 ± 0.336 χ^2/NDF : 854718.4/24

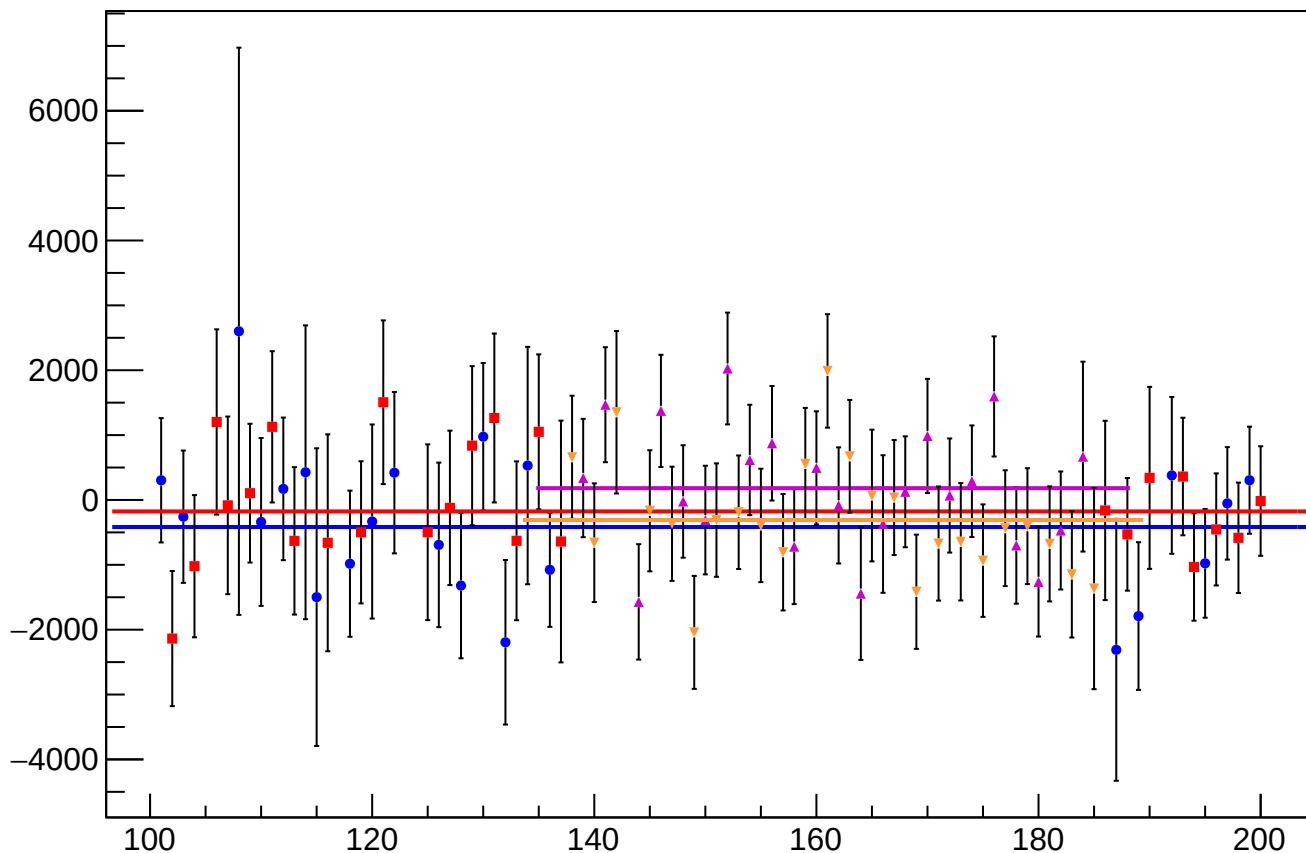
Left In: 1622.876 ± 0.277 χ^2/NDF : 780522.2/22

+ sign 1604.813 ± 0.218 χ^2/NDF : 1414411.8/45

All: 1618.628 ± 0.153 χ^2/NDF : 3060093.3/93

- sign 1631.862 ± 0.214 χ^2/NDF : 1637838.4/47

dit_asym_us_dd_mean vs Slug



Right In: -417.105 ± 249.088 χ^2/NDF : 11.6/21

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

Right Out: -176.732 ± 221.978 χ^2/NDF : 13.8/24

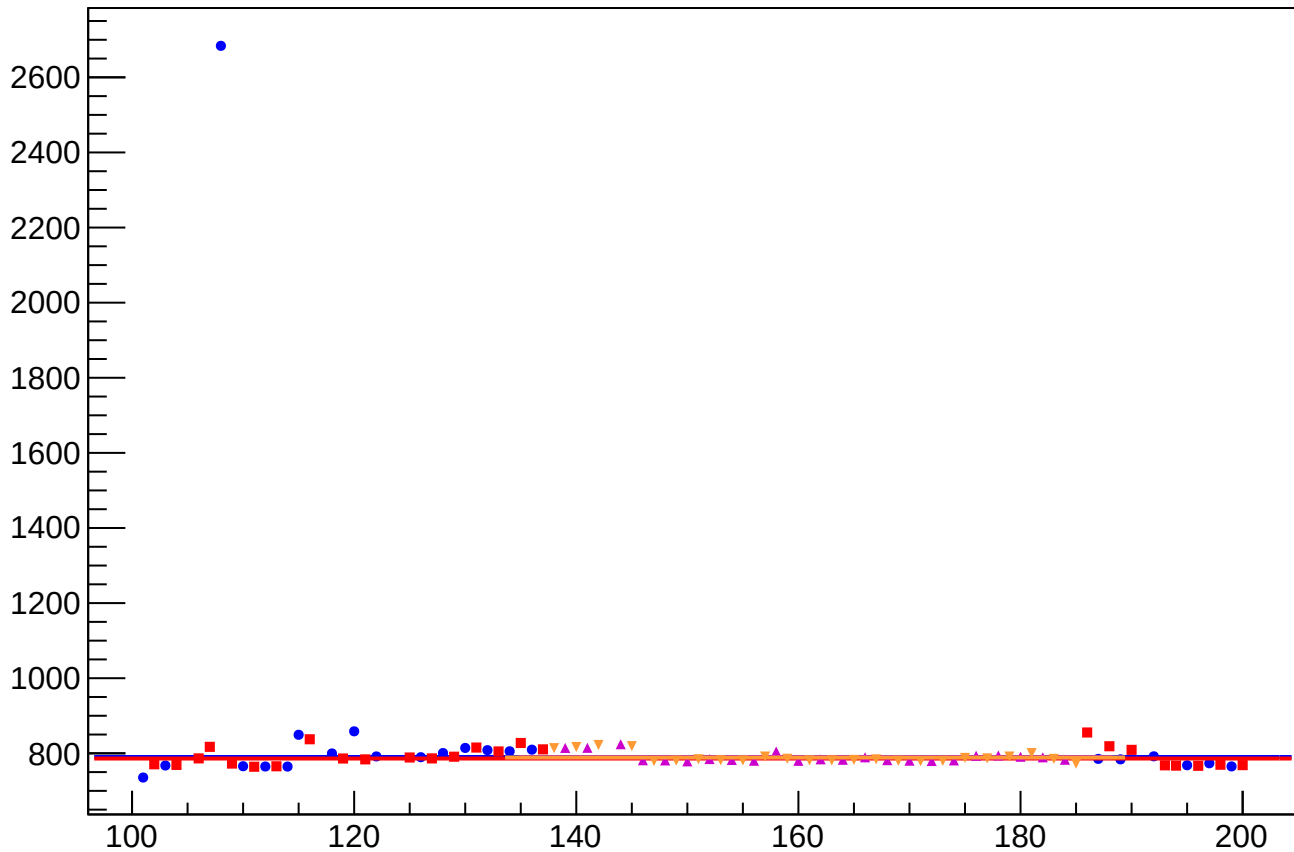
Left In: 181.983 ± 187.935 χ^2/NDF : 25.6/22

+ sign -347.970 ± 149.775 χ^2/NDF : 32.2/45

All: -149.659 ± 103.592 χ^2/NDF : 76.5/93

- sign 32.213 ± 143.433 χ^2/NDF : 40.9/47

dit_asym_us_dd_rms vs Slug



Right In: 790.207 $\pm$ 0.176 χ^2 /NDF: 396997.5/21

Left Out: 788.886 $\pm$ 0.133 χ^2 /NDF: 9342.2/23

Right Out: 786.156 $\pm$ 0.157 χ^2 /NDF: 22678.4/24

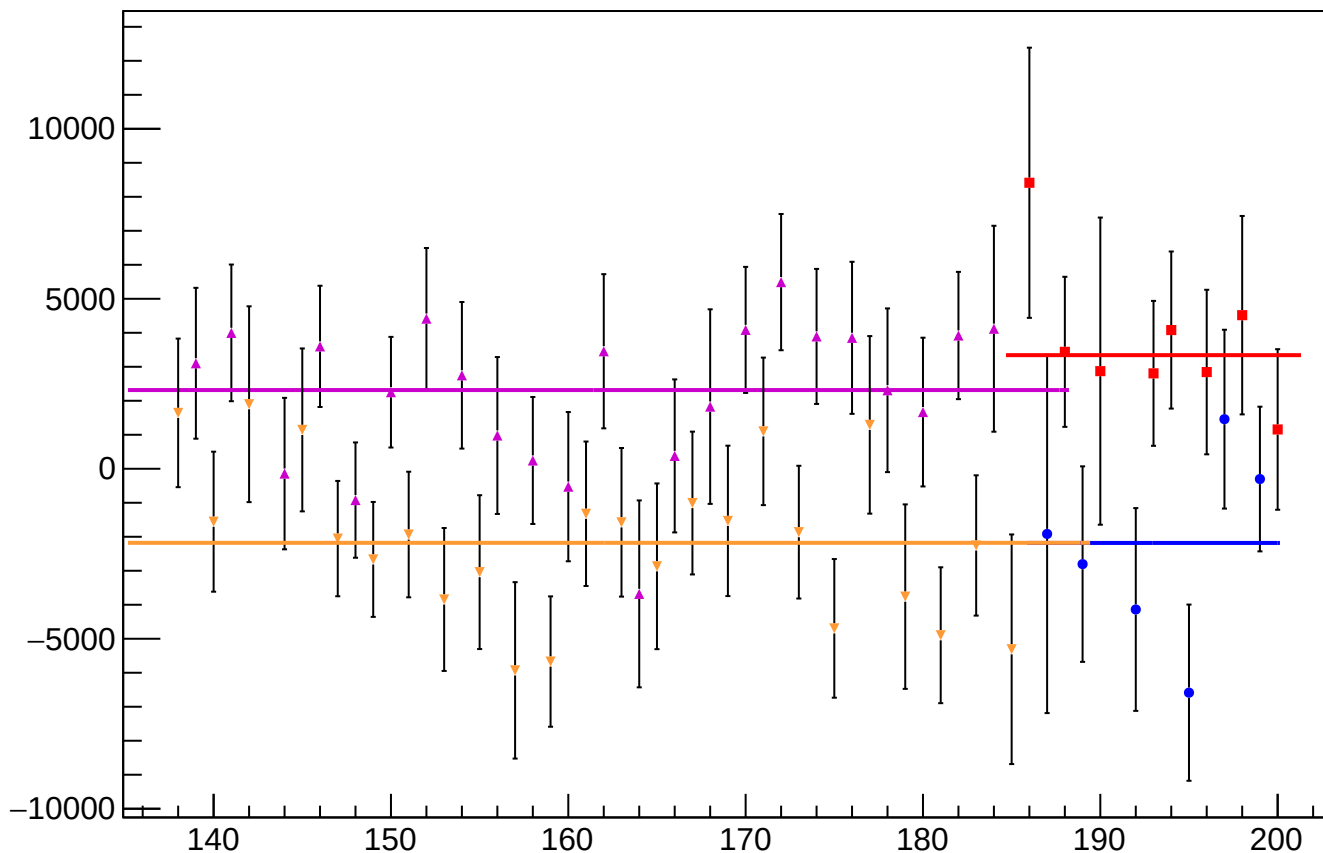
Left In: 789.406 $\pm$ 0.133 χ^2 /NDF: 9219.1/22

+ sign 789.363 $\pm$ 0.106 χ^2 /NDF: 406375.6/45

All: 788.678 $\pm$ 0.073 χ^2 /NDF: 438603.2/93

- sign 788.049 $\pm$ 0.101 χ^2 /NDF: 32147.3/47

asym_us_dd_correction_mean vs Slug



Right In: -2181.615 ± 1129.640 $\chi^2/\text{NDF}: 6.1/5$

Left Out: -2178.467 ± 439.661 $\chi^2/\text{NDF}: 22.7/23$

Right Out: 3341.887 ± 915.749 $\chi^2/\text{NDF}: 2.9/7$

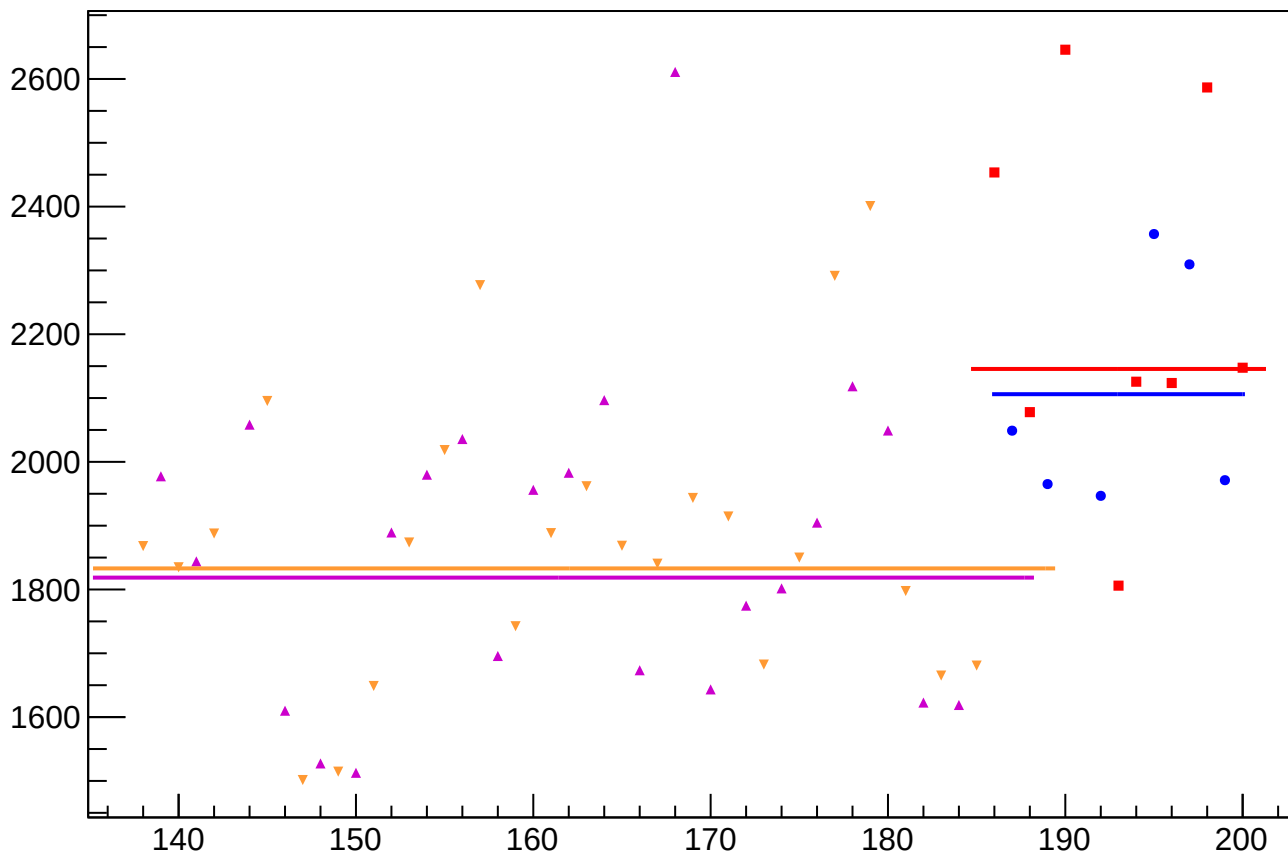
Left In: 2315.169 ± 437.003 $\chi^2/\text{NDF}: 22.0/22$

+ sign -2178.881 ± 409.722 $\chi^2/\text{NDF}: 28.8/29$

All: 252.615 ± 284.144 $\chi^2/\text{NDF}: 122.5/60$

- sign 2505.612 ± 394.397 $\chi^2/\text{NDF}: 25.9/30$

asym_us_dd_correction_rms vs Slug



Right In: 2106.046 $\pm$ 0.799 χ^2/NDF : 49477.0/5

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

Right Out: 2145.598 $\pm$ 0.648 χ^2/NDF : 135185.7/7

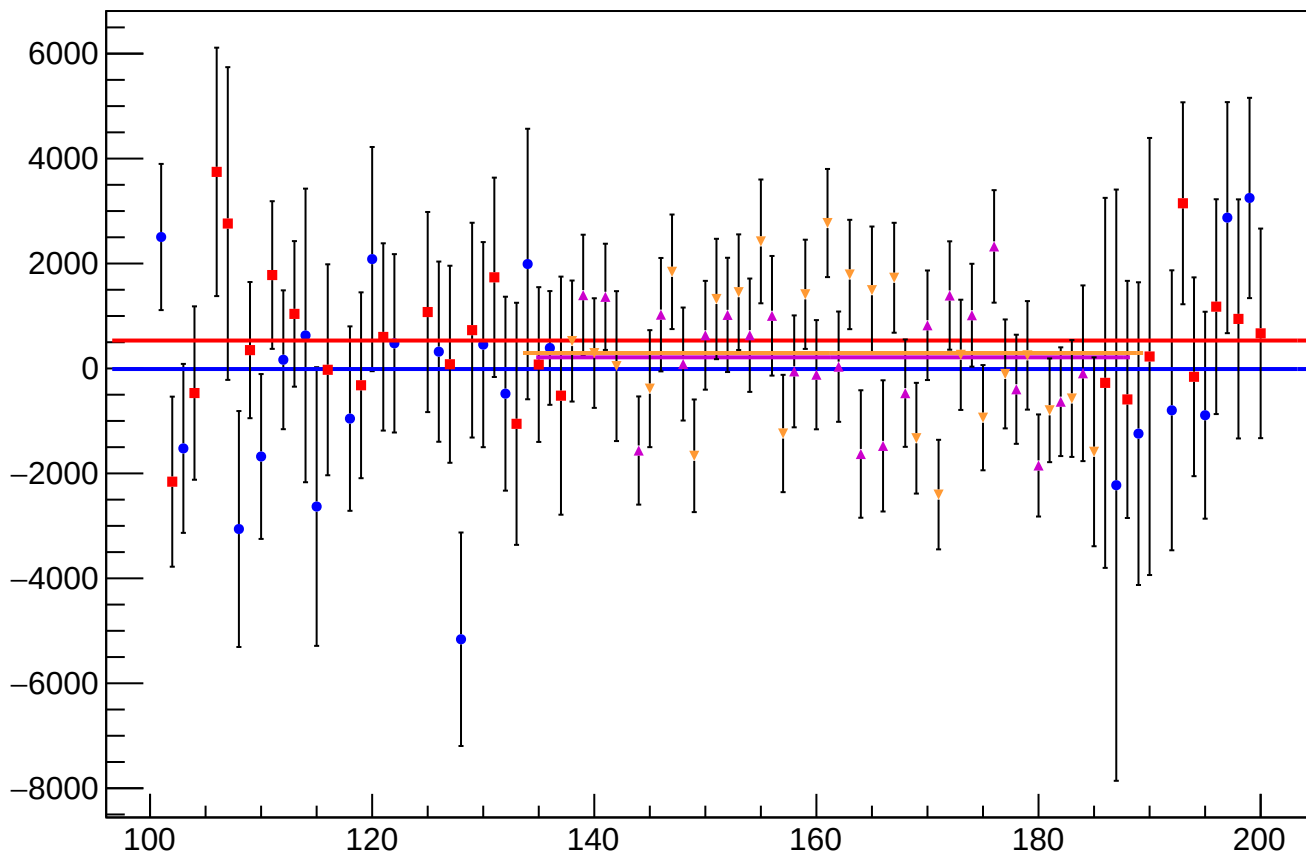
Left In: 1818.594 $\pm$ 0.309 χ^2/NDF : 536826.7/22

+ sign 1868.944 $\pm$ 0.290 χ^2/NDF : 616399.3/29

All: 1874.293 $\pm$ 0.201 χ^2/NDF : 1496788.8/60

- sign 1879.249 $\pm$ 0.279 χ^2/NDF : 879732.8/30

asym_us_dd_mean vs Slug



Right In: -10.858 ± 395.252 χ^2/NDF : 22.1/21

Left Out: 294.652 ± 224.344 χ^2/NDF : 38.3/23

Right Out: 532.326 ± 377.477 χ^2/NDF : 10.5/24

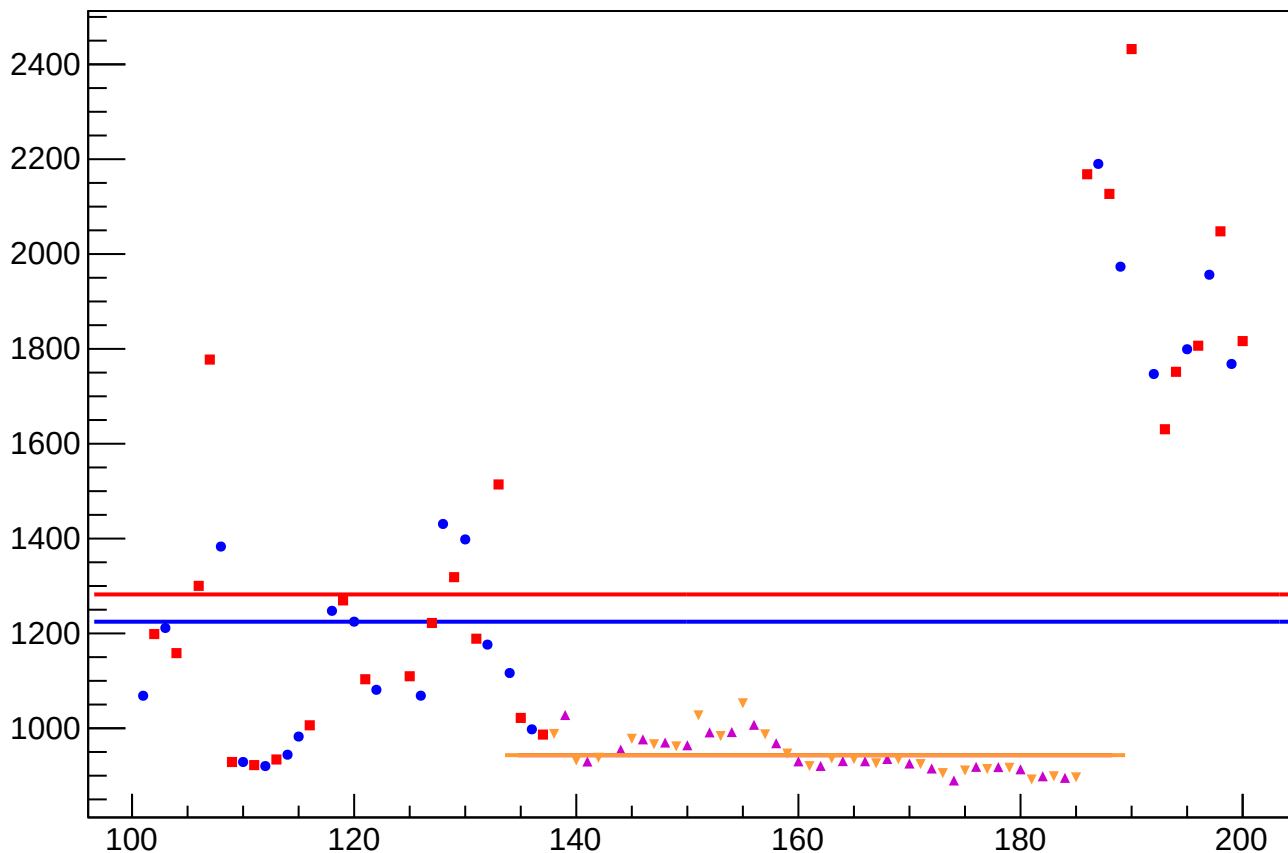
Left In: 212.080 ± 224.701 χ^2/NDF : 23.7/22

+ sign 220.209 ± 195.107 χ^2/NDF : 60.8/45

All: 258.433 ± 137.239 χ^2/NDF : 95.7/93

- sign 295.868 ± 193.081 χ^2/NDF : 34.8/47

asym_us_dd_rms vs Slug



Right In: 1224.707+/-0.279 χ^2/NDF : 1231649.1/21

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

Right Out: 1282.221+/-0.267 χ^2/NDF : 1922045.2/24

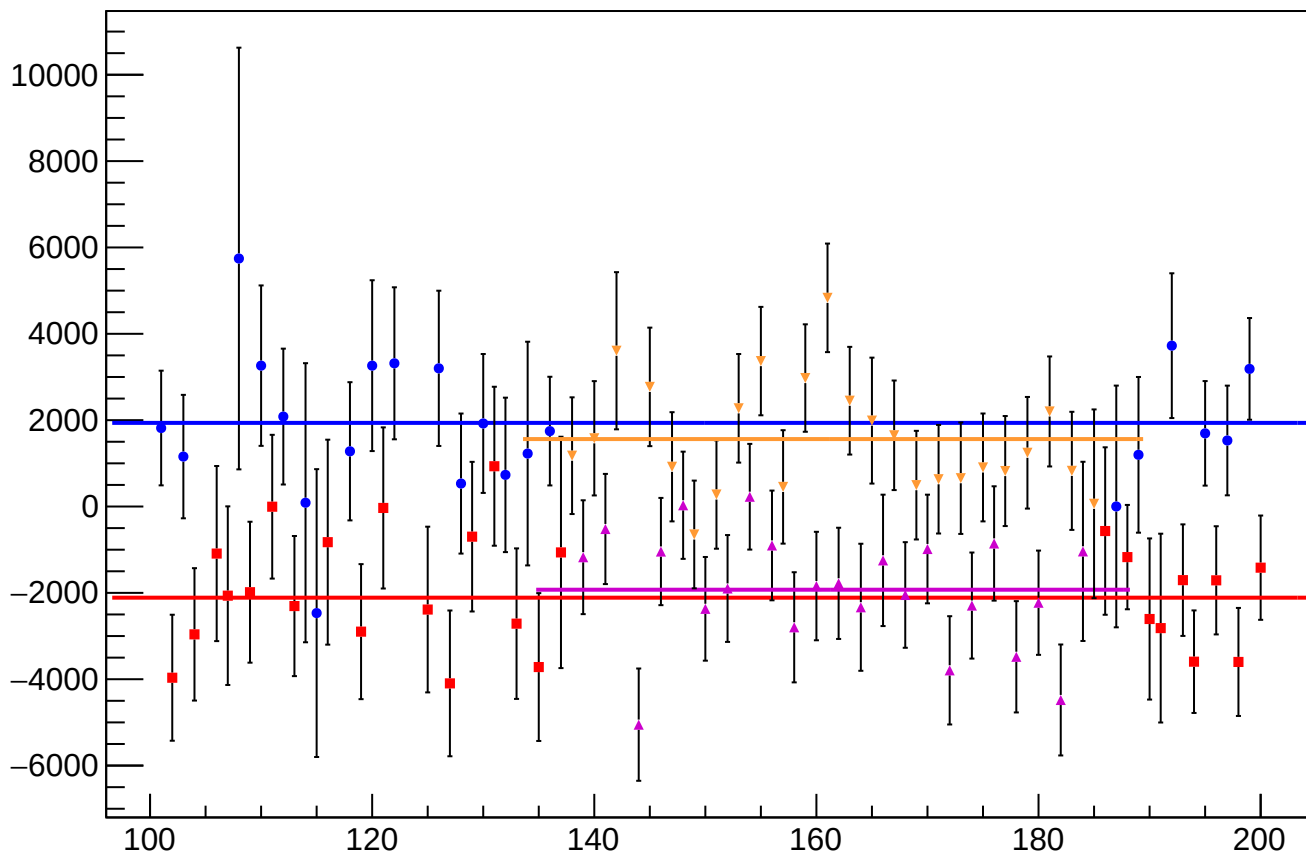
Left In: 943.137+/-0.159 χ^2/NDF : 49948.2/22

+ sign 1011.890+/-0.138 χ^2/NDF : 2058678.5/45

All: 1021.976+/-0.097 χ^2/NDF : 5232862.7/93

- sign 1031.853+/-0.137 χ^2/NDF : 3163605.5/47

dit_asym_usl_mean vs Slug



Right In: 1937.108 ± 355.132 χ^2/NDF : 9.6/21

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

Right Out: -2111.321 ± 314.052 χ^2/NDF : 16.5/25

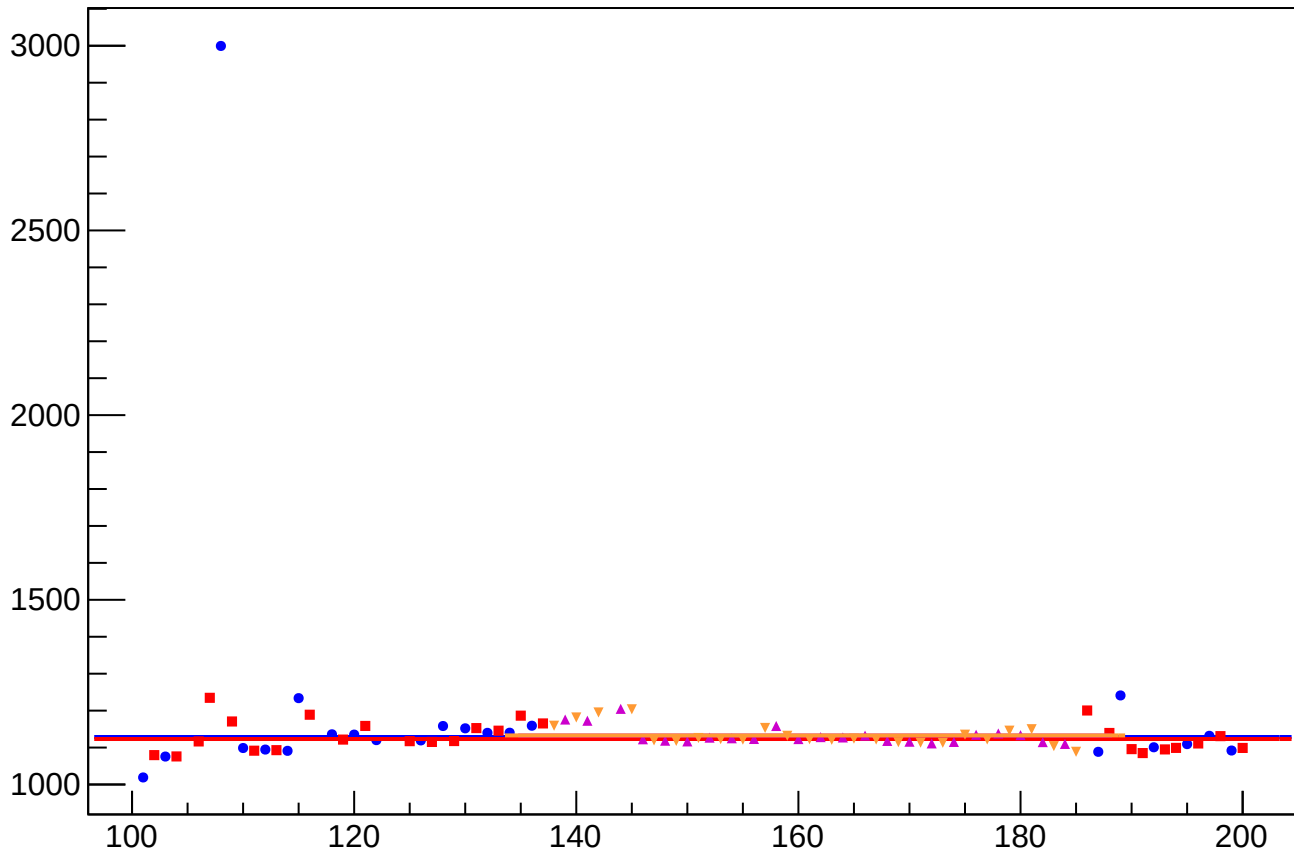
Left In: -1926.929 ± 269.667 χ^2/NDF : 24.1/22

+ sign 1698.989 ± 214.567 χ^2/NDF : 32.1/45

All: -241.201 ± 148.069 χ^2/NDF : 228.9/94

- sign -2005.185 ± 204.592 χ^2/NDF : 40.8/48

dit_asym_usl_rms vs Slug



Right In: 1128.576 $\pm$ 0.251 χ^2 /NDF: 327348.9/21

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

Right Out: 1123.164 $\pm$ 0.222 χ^2 /NDF: 26437.8/25

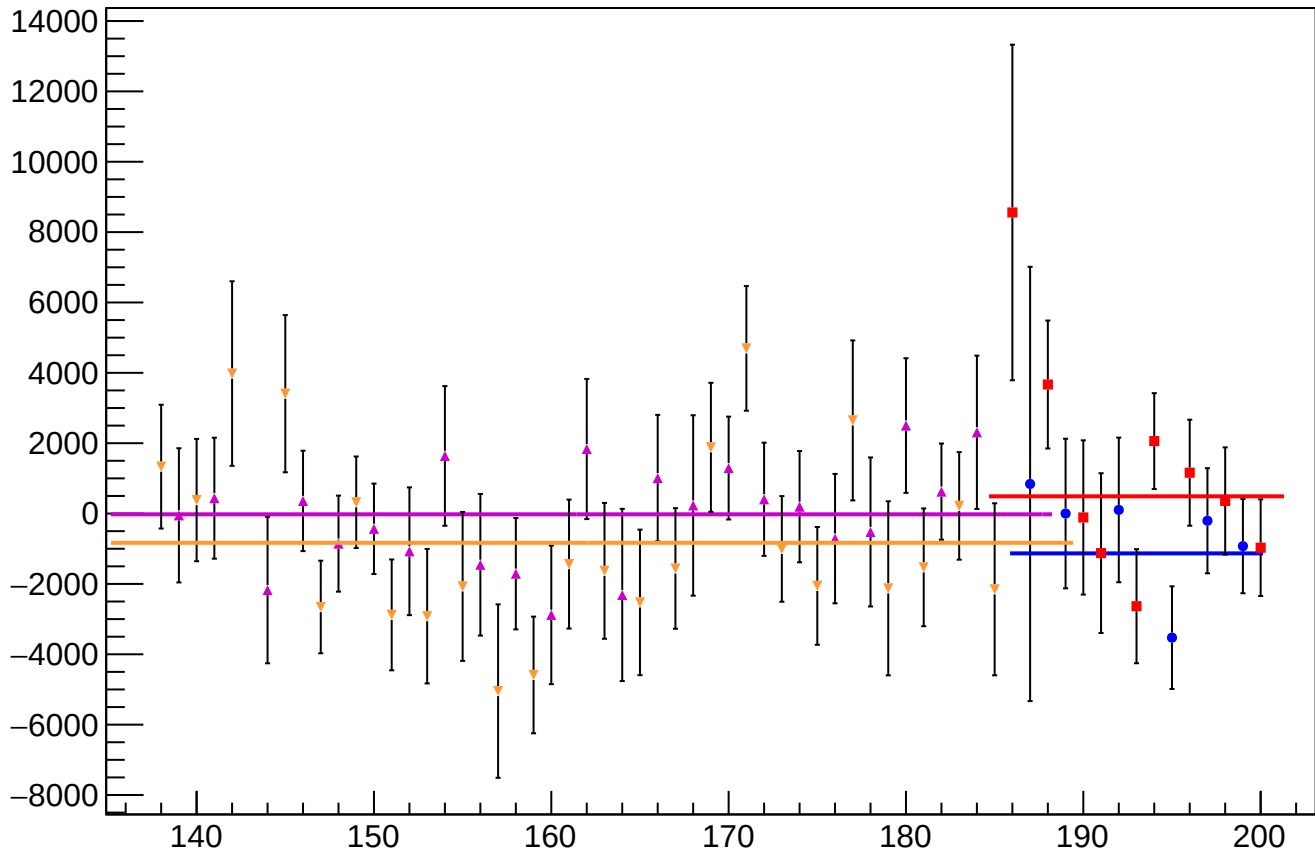
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF: 14524.8/22

+ sign 1131.310 $\pm$ 0.152 χ^2 /NDF: 344322.4/45

All: 1129.879 $\pm$ 0.105 χ^2 /NDF: 386487.5/94

- sign 1128.578 $\pm$ 0.145 χ^2 /NDF: 41995.3/48

asym_usl_correction_mean vs Slug



Right In: -1131.718 $\pm$ 714.396 χ^2 /NDF: 3.9/5

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

Right Out: 489.821 $\pm$ 570.850 χ^2 /NDF: 12.9/8

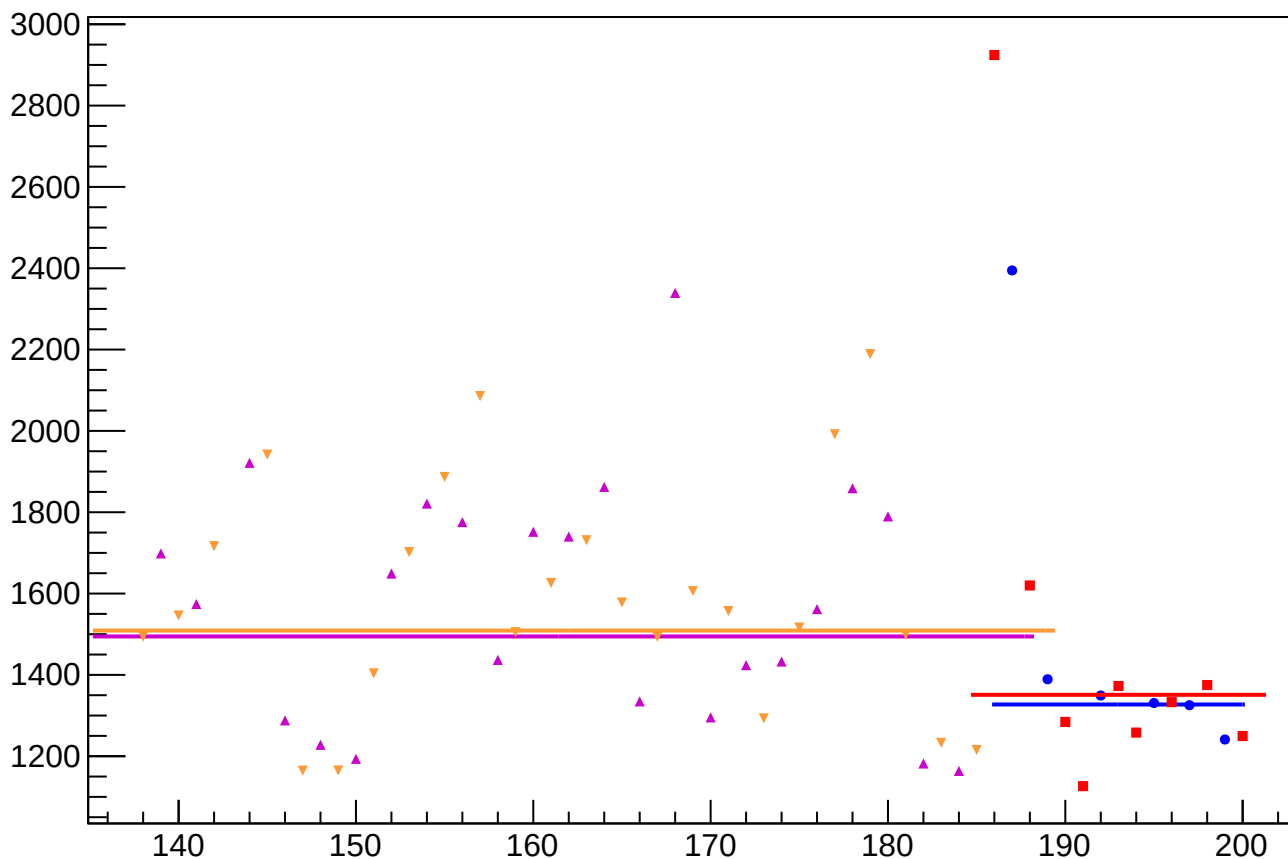
Left In: -21.419 $\pm$ 362.476 χ^2 /NDF:12.8/22

+ sign -893.486 $\pm$ 325.800 χ^2 /NDF: 44.1/29

All: -352.099 $\pm$ 223.046 χ^2 /NDF: 75.5/61

- sign 125.480 $\pm$ 305.999 χ^2 /NDF: 26.2/31

asym_usl_correction_rms vs Slug



Right In: 1327.158 ± 0.505 χ^2/NDF : 70019.3/5

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

Right Out: 1350.971 ± 0.404 χ^2/NDF : 304115.2/8

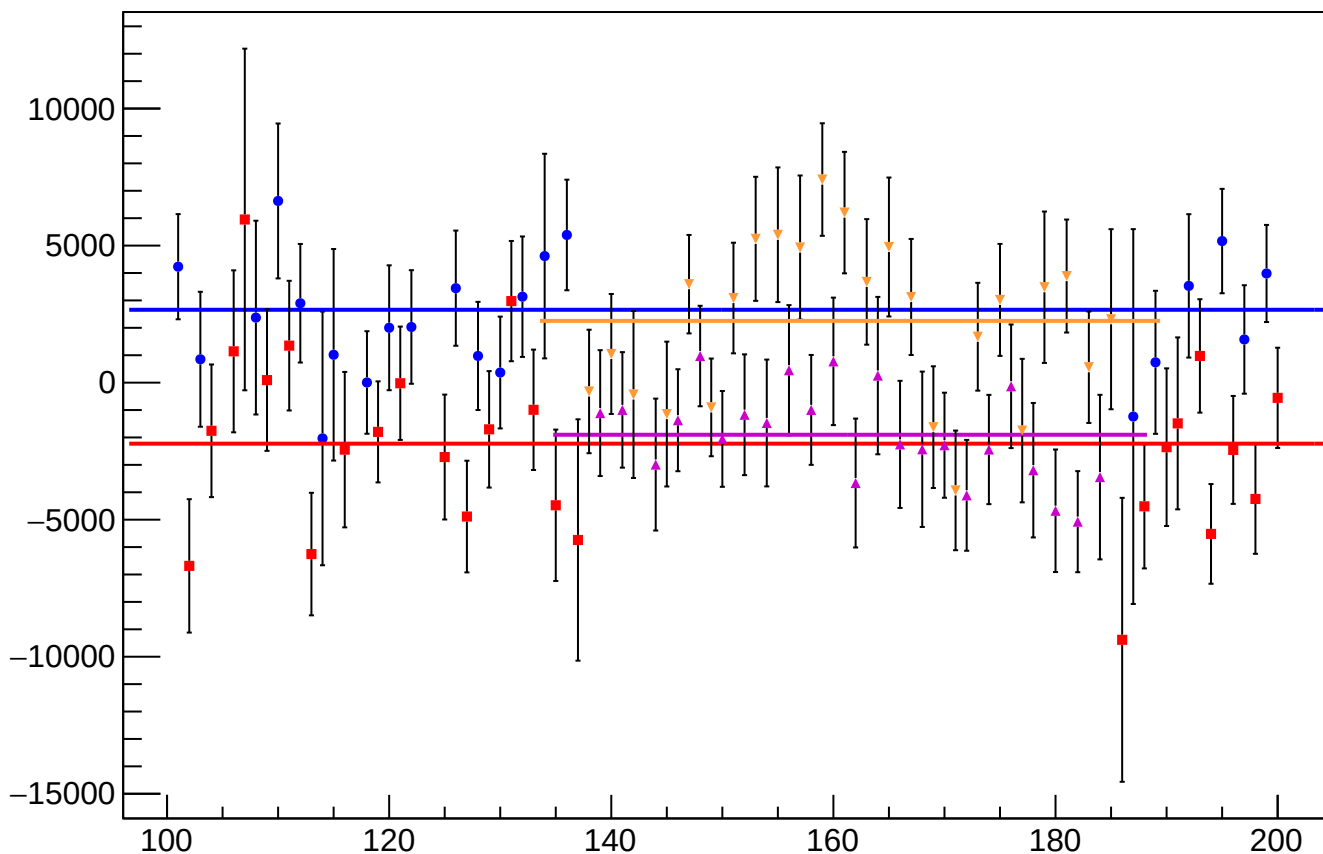
Left In: 1494.507 ± 0.256 χ^2/NDF : 1096280.5/22

+ sign 1471.174 ± 0.230 χ^2/NDF : 1161314.3/29

All: 1461.658 ± 0.158 χ^2/NDF : 2655035.3/63

- sign 1453.263 ± 0.216 χ^2/NDF : 1490509.4/31

asym_usl_mean vs Slug



Right In: 2658.268 $\pm$ 494.290 χ^2/NDF : 14.4/21

Left Out: 2253.979 $\pm$ 456.390 χ^2/NDF : 38.7/23

Right Out: -2226.516 $\pm$ 460.724 χ^2/NDF : 33.5/25

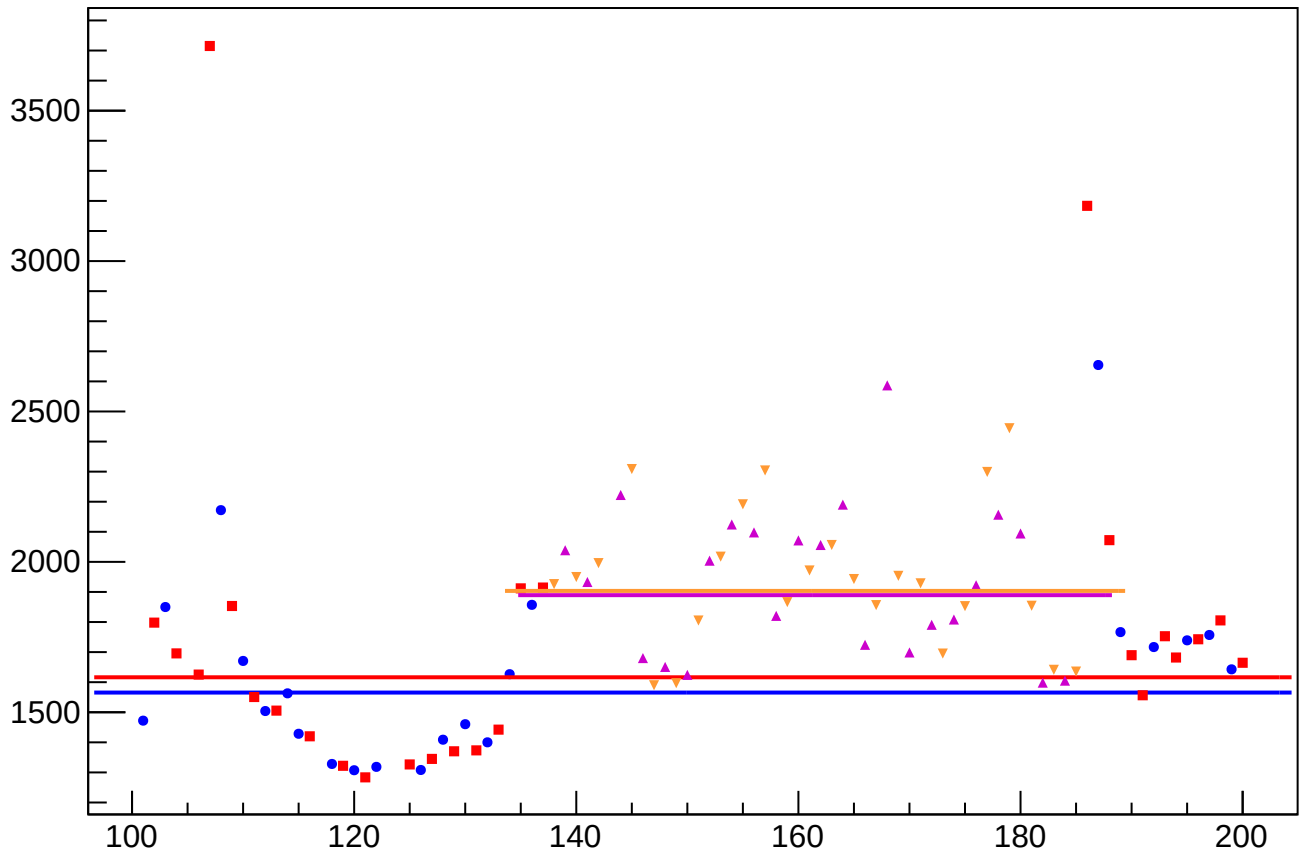
Left In: -1901.797 $\pm$ 453.879 χ^2/NDF : 13.9/22

+ sign 2440.032 $\pm$ 335.315 χ^2/NDF : 53.5/45

All: 107.287 $\pm$ 232.752 χ^2/NDF : 194.5/94

- sign -2061.726 $\pm$ 323.334 χ^2/NDF : 47.6/48

asym_usl_rms vs Slug



Right In: 1565.501+/-0.350 χ^2/NDF : 393552.5/21

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

Right Out: 1616.284+/-0.326 χ^2/NDF : 844601.6/25

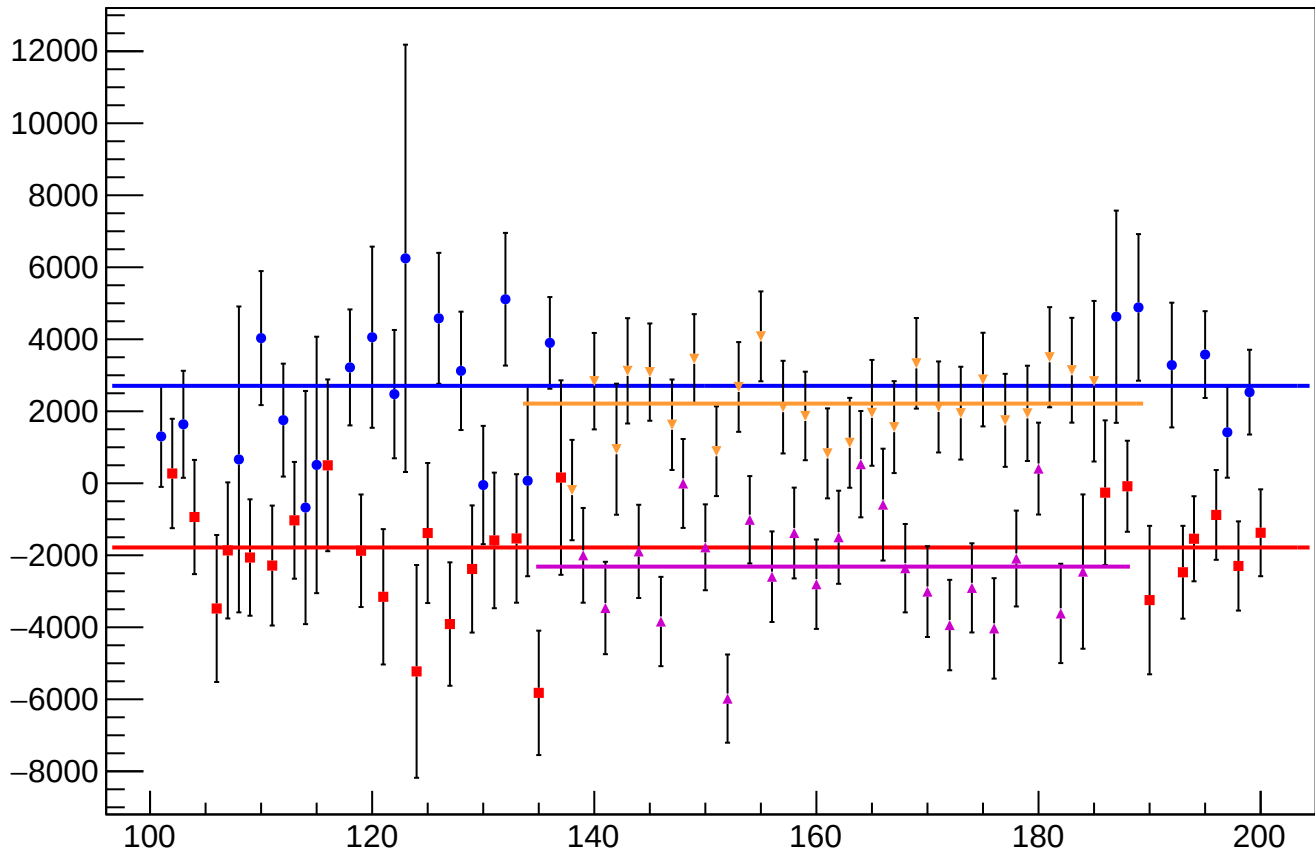
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1747.930+/-0.237 χ^2/NDF : 1360137.6/45

All: 1751.515+/-0.165 χ^2/NDF : 3070305.6/94

- sign 1754.849+/-0.229 χ^2/NDF : 1709726.8/48

dit_asym_usr_mean vs Slug



Right In: 2706.470 $\pm$ 362.841 χ^2 /NDF: 15.6/22

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

Right Out: -1783.159 $\pm$ 318.511 χ^2 /NDF: 17.7/25

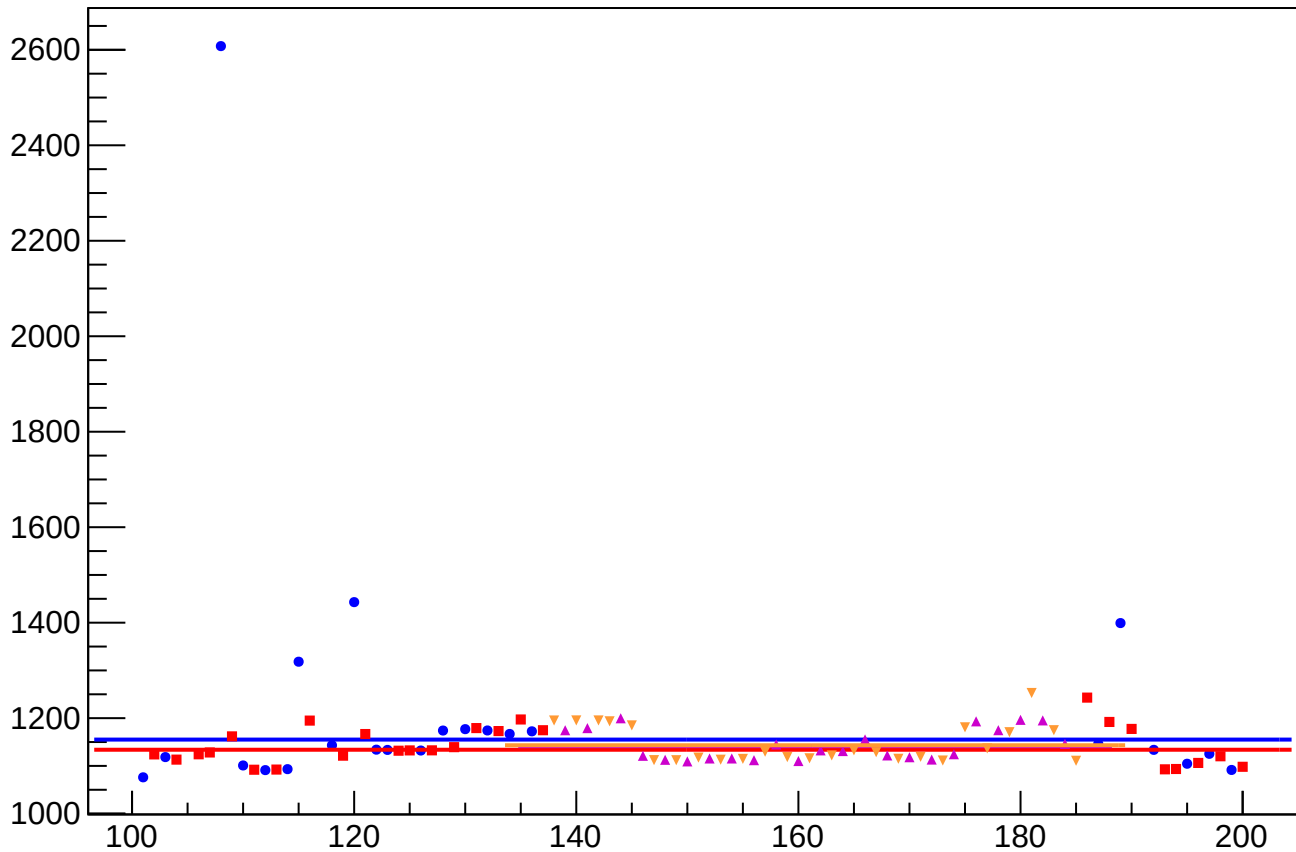
Left In: -2314.778 $\pm$ 271.873 χ^2 /NDF:31.6/22

+ sign 2386.479 $\pm$ 215.010 χ^2 /NDF: 31.0/47

All: 60.624 $\pm$ 149.042 χ^2 /NDF: 307.1/96

- sign -2090.703 $\pm$ 206.785 χ^2 /NDF: 50.9/48

dit_asym_usr_rms vs Slug



Right In: 1155.134 $\pm$ 0.257 χ^2 /NDF: 319082.6/22

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

Right Out: 1133.851 $\pm$ 0.225 χ^2 /NDF: 29384.1/25

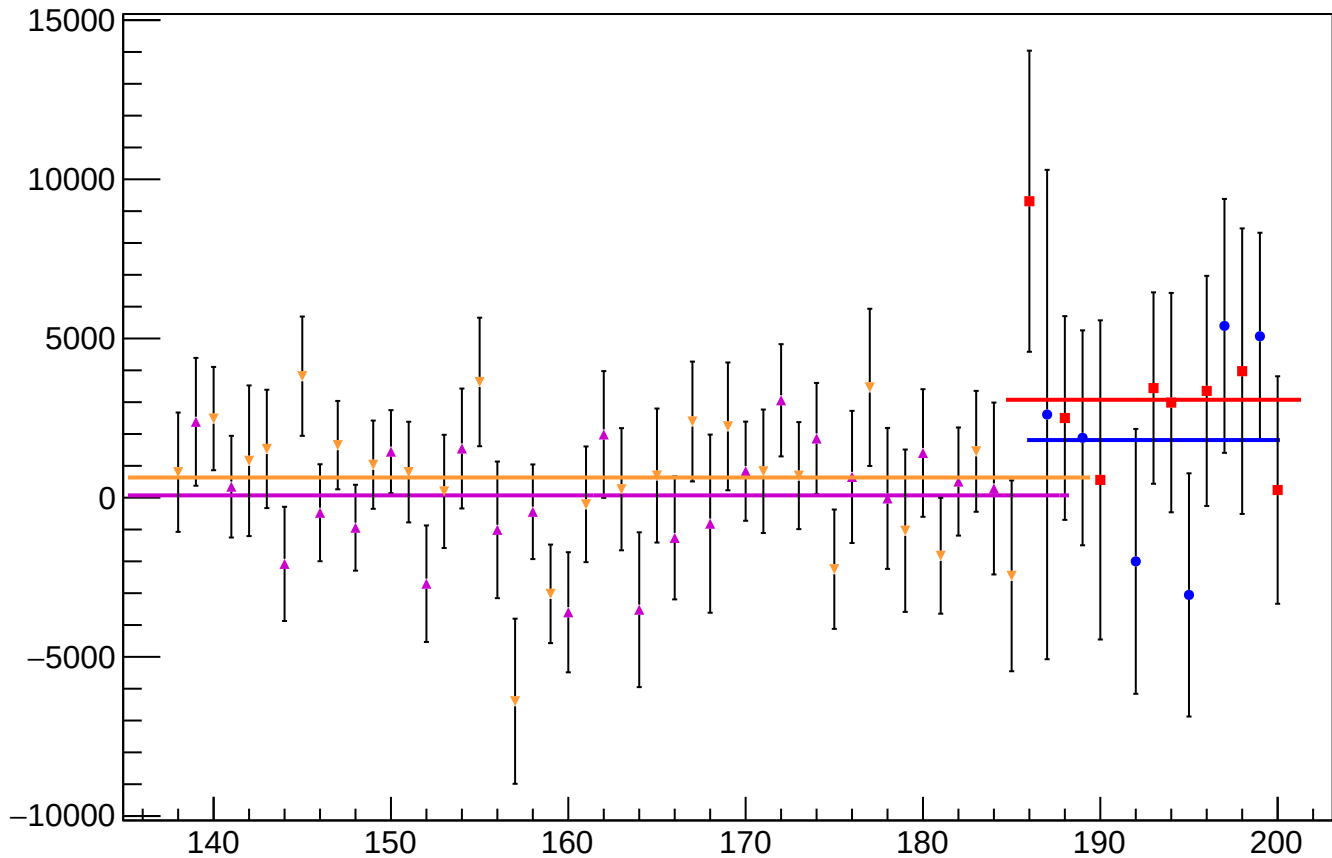
Left In: 1141.363 $\pm$ 0.192 χ^2 /NDF: 28014.9/22

+ sign 1147.423 $\pm$ 0.152 χ^2 /NDF: 359968.2/47

All: 1142.630 $\pm$ 0.105 χ^2 /NDF: 419923.7/96

- sign 1138.197 $\pm$ 0.146 χ^2 /NDF: 58042.6/48

asym_usr_correction_mean vs Slug



Right In: 1810.024 $\pm$ 1604.479 χ^2 /NDF: 4.3/5

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

Right Out: 3075.095 $\pm$ 1311.095 χ^2 /NDF: 2.7/7

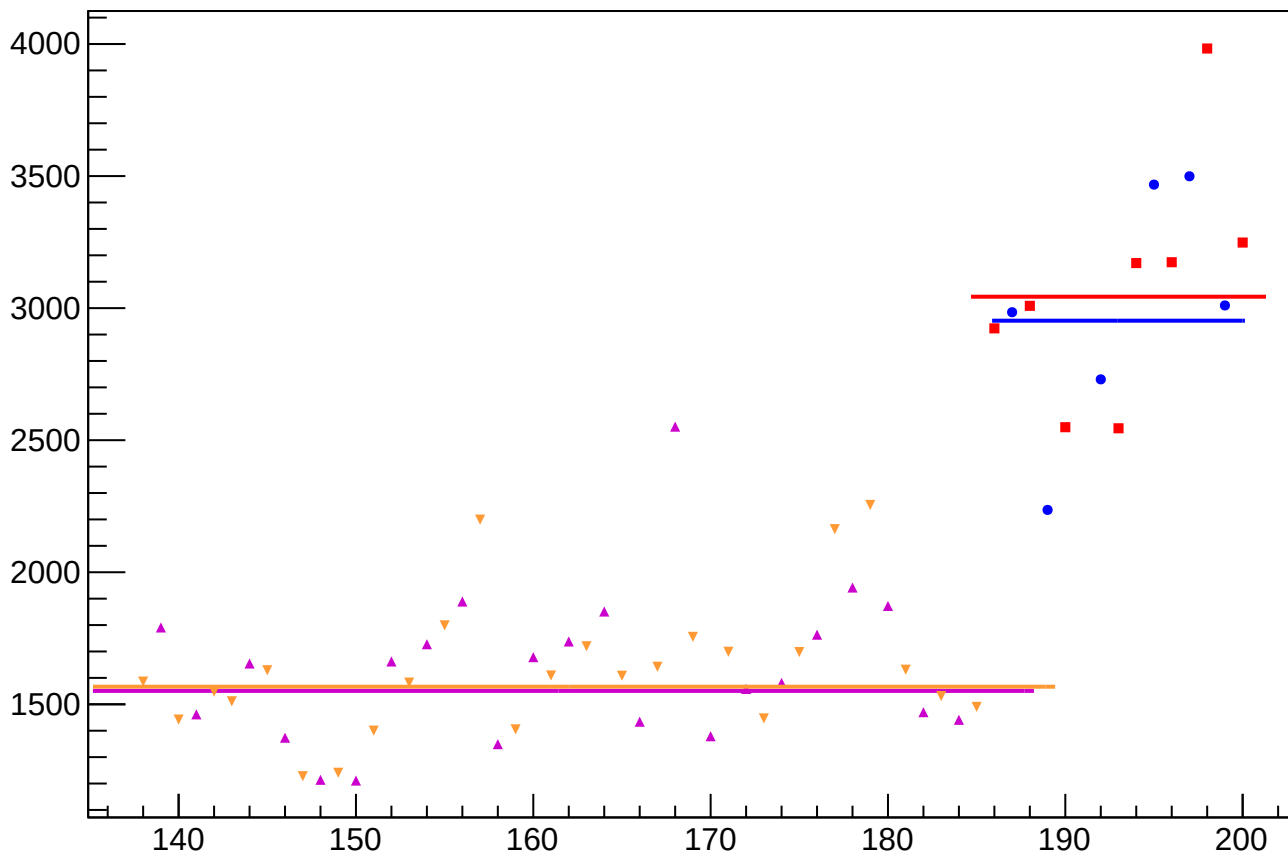
Left In: 72.962 $\pm$ 375.277 χ^2 /NDF:20.1/22

+ sign 693.732 $\pm$ 362.326 χ^2 /NDF: 34.1/30

All: 496.179 $\pm$ 255.658 χ^2 /NDF: 62.3/61

- sign 300.297 $\pm$ 360.789 χ^2 /NDF: 27.7/30

asym_usr_correction_rms vs Slug



Right In: 2952.442 $\pm$ 1.135 χ^2 /NDF: 170427.7/5

Left Out: 1566.626 $\pm$ 0.263 χ^2 /NDF: 766955.2/24

Right Out: 3043.269 $\pm$ 0.927 χ^2 /NDF: 175647.7/7

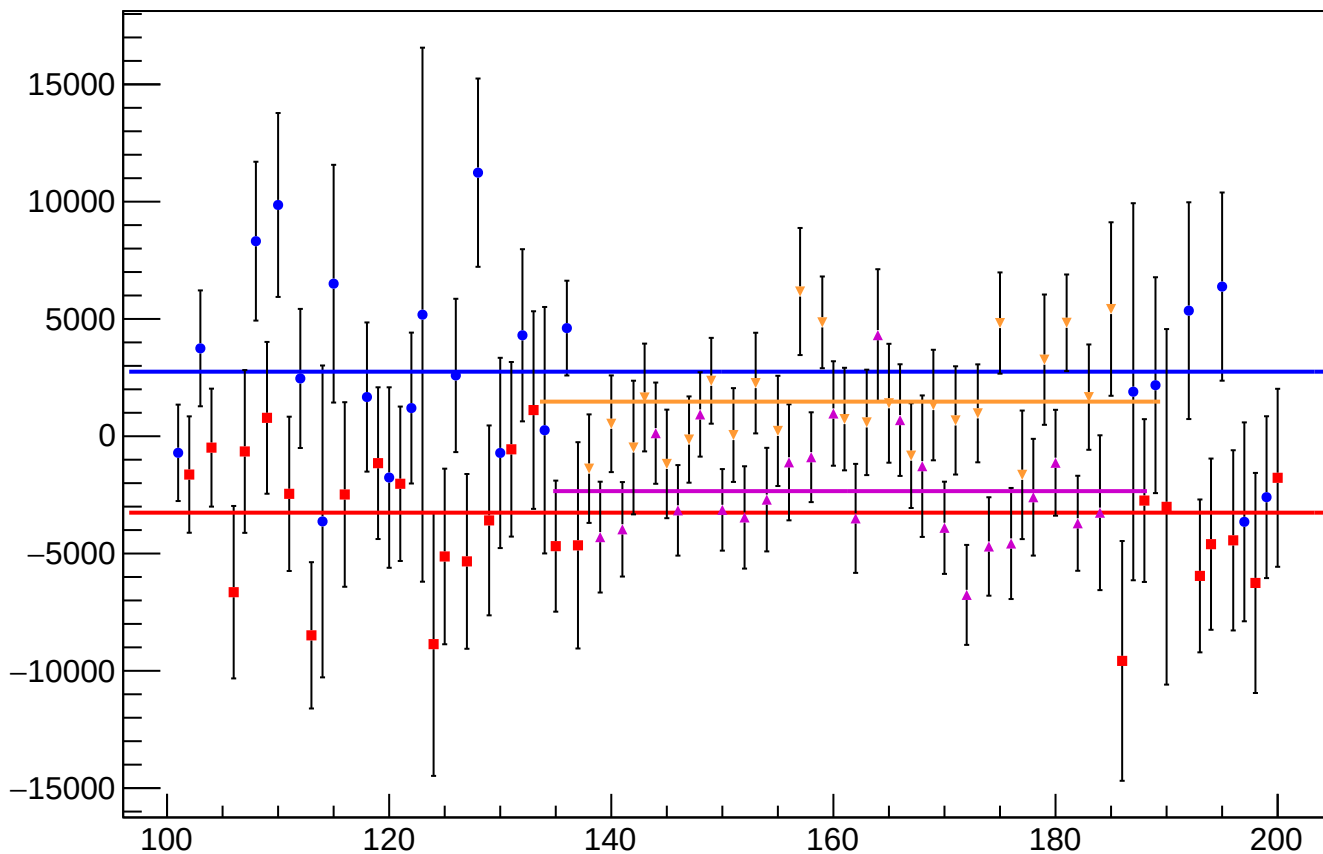
Left In: 1550.750 $\pm$ 0.265 χ^2 /NDF: 928652.8/22

+ sign 1637.296 $\pm$ 0.256 χ^2 /NDF: 2353312.4/30

All: 1650.590 $\pm$ 0.181 χ^2 /NDF: 5858510.7/61

- sign 1663.770 $\pm$ 0.255 χ^2 /NDF: 3499836.9/30

asym_usr_mean vs Slug



Right In: 2751.983 ± 728.792 $\chi^2/\text{NDF}: 24.5/22$

Left Out: 1475.648 ± 451.347 $\chi^2/\text{NDF}: 20.9/24$

Right Out: -3257.992 ± 697.360 $\chi^2/\text{NDF}: 14.7/25$

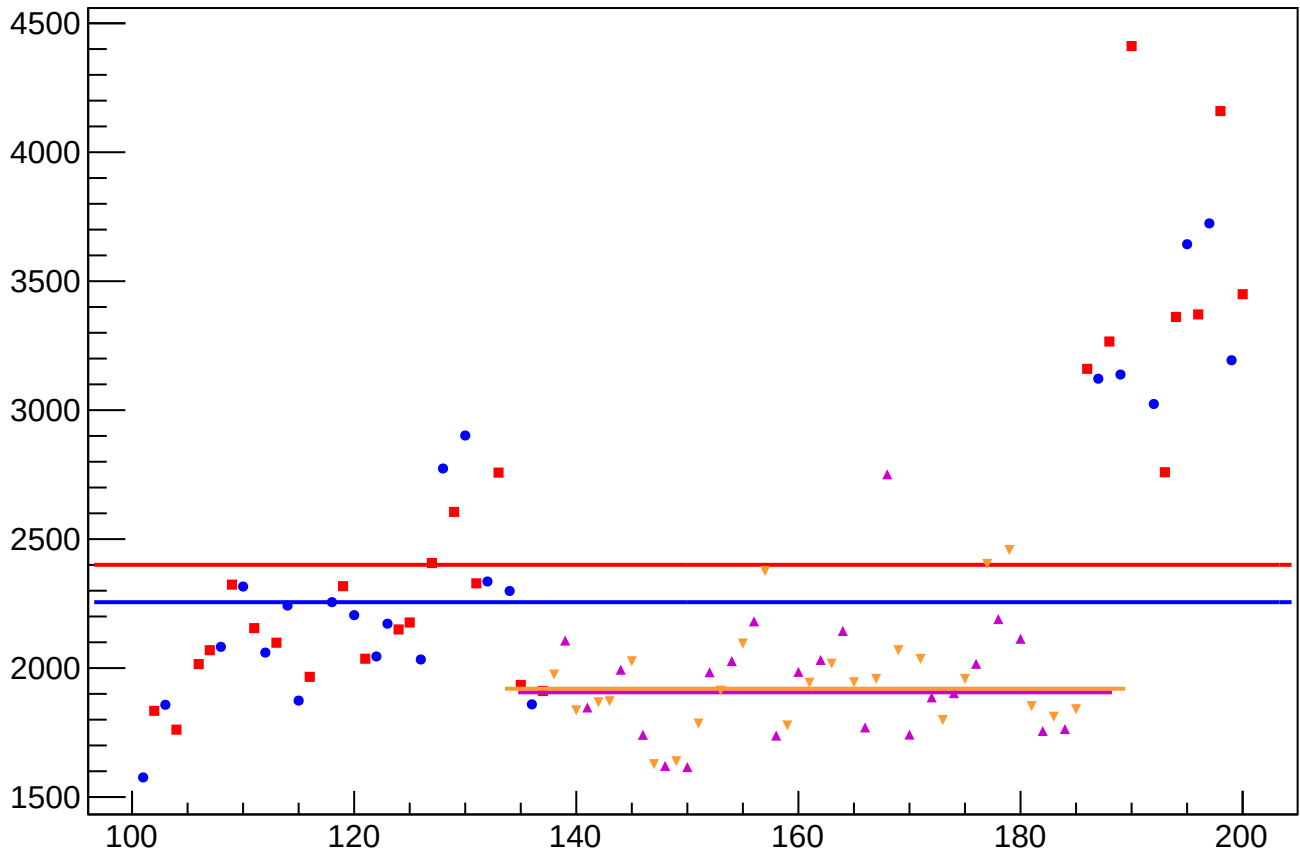
Left In: -2339.905 ± 457.448 $\chi^2/\text{NDF}: 25.2/22$

+ sign 1829.471 ± 383.720 $\chi^2/\text{NDF}: 47.7/47$

All: -400.412 ± 270.898 $\chi^2/\text{NDF}: 156.0/96$

- sign -2616.107 ± 382.498 $\chi^2/\text{NDF}: 41.1/48$

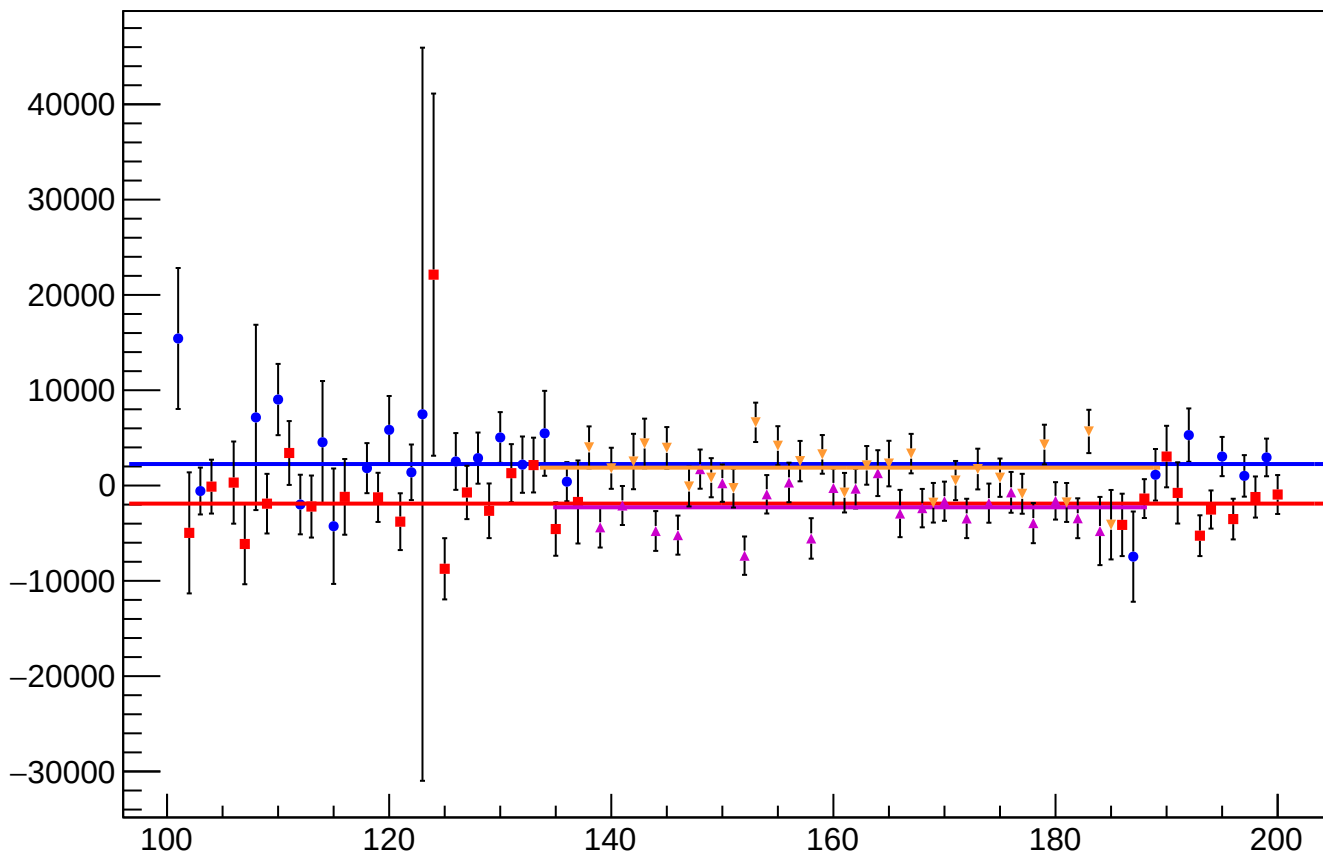
asym_usr_rms vs Slug



Right In: 2255.470 ± 0.515 χ^2/NDF : 1256159.1/22
 Left Out: 1920.082 ± 0.319 χ^2/NDF : 365919.7/24
 Right Out: 2400.380 ± 0.493 χ^2/NDF : 1500868.5/25
 Left In: 1906.043 ± 0.323 χ^2/NDF : 451054.7/22

+ sign 2013.058 ± 0.271 χ^2/NDF : 1928222.5/47
 All: 2033.976 ± 0.192 χ^2/NDF : 4594638.9/96
 - sign 2054.762 ± 0.270 χ^2/NDF : 2654566.8/48

dit_asym_at1_avg_mean vs Slug



Right In: 2255.670 $\pm$ 623.959 χ^2 /NDF: 21.0/22

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

Right Out: -1897.009 $\pm$ 550.536 χ^2 /NDF: 21.8/26

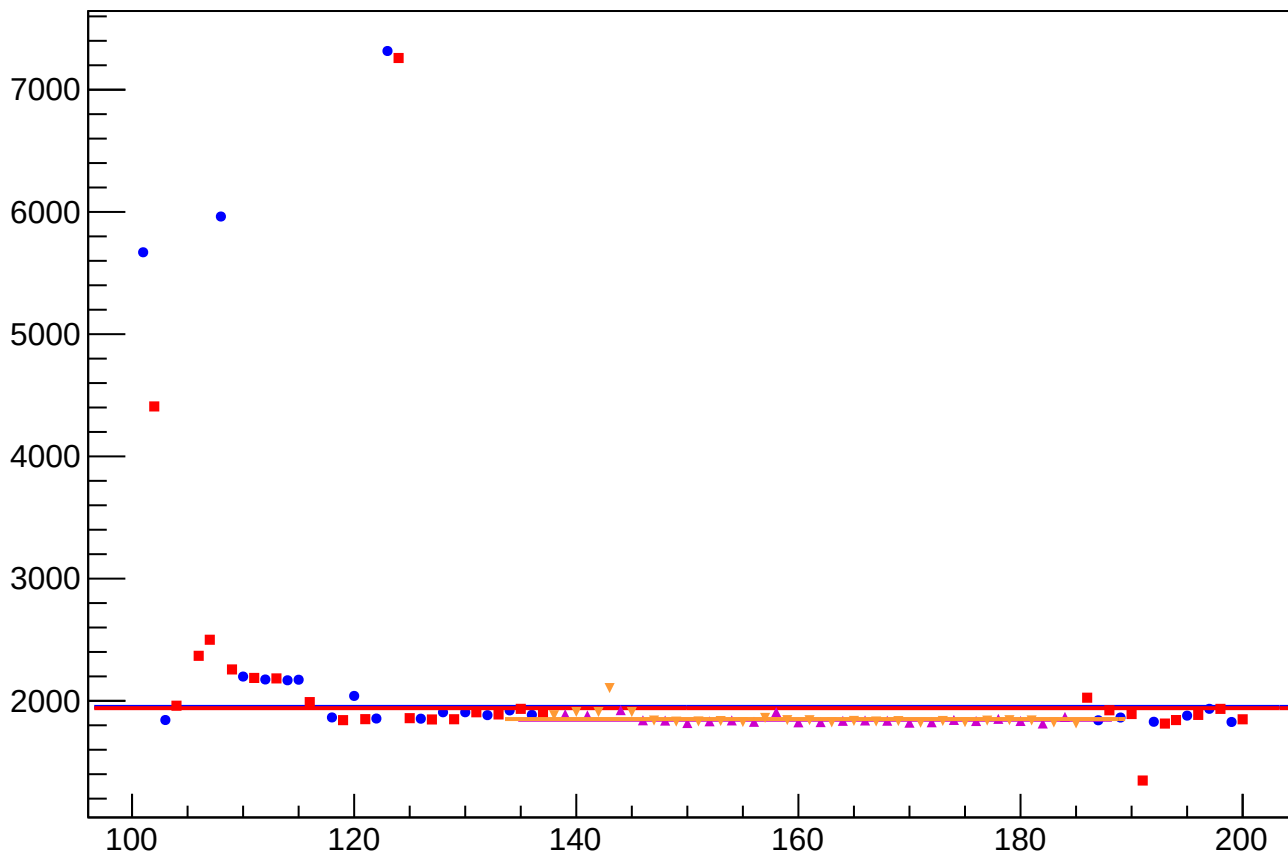
Left In: -2286.268 $\pm$ 441.005 χ^2 /NDF:27.3/22

+ sign 1999.024 $\pm$ 355.870 χ^2 /NDF: 51.2/47

All: -136.481 $\pm$ 247.406 χ^2 /NDF: 170.3/97

- sign -2134.120 $\pm$ 344.191 χ^2 /NDF: 49.4/49

dit_asym_at1_avg_rms vs Slug



Right In: 1950.552 $\pm$ 0.441 χ^2 /NDF: 942318.1/22

Left Out: 1851.066 $\pm$ 0.306 χ^2 /NDF:26251.6/24

Right Out: 1940.099 $\pm$ 0.389 χ^2 /NDF: 654983.3/26

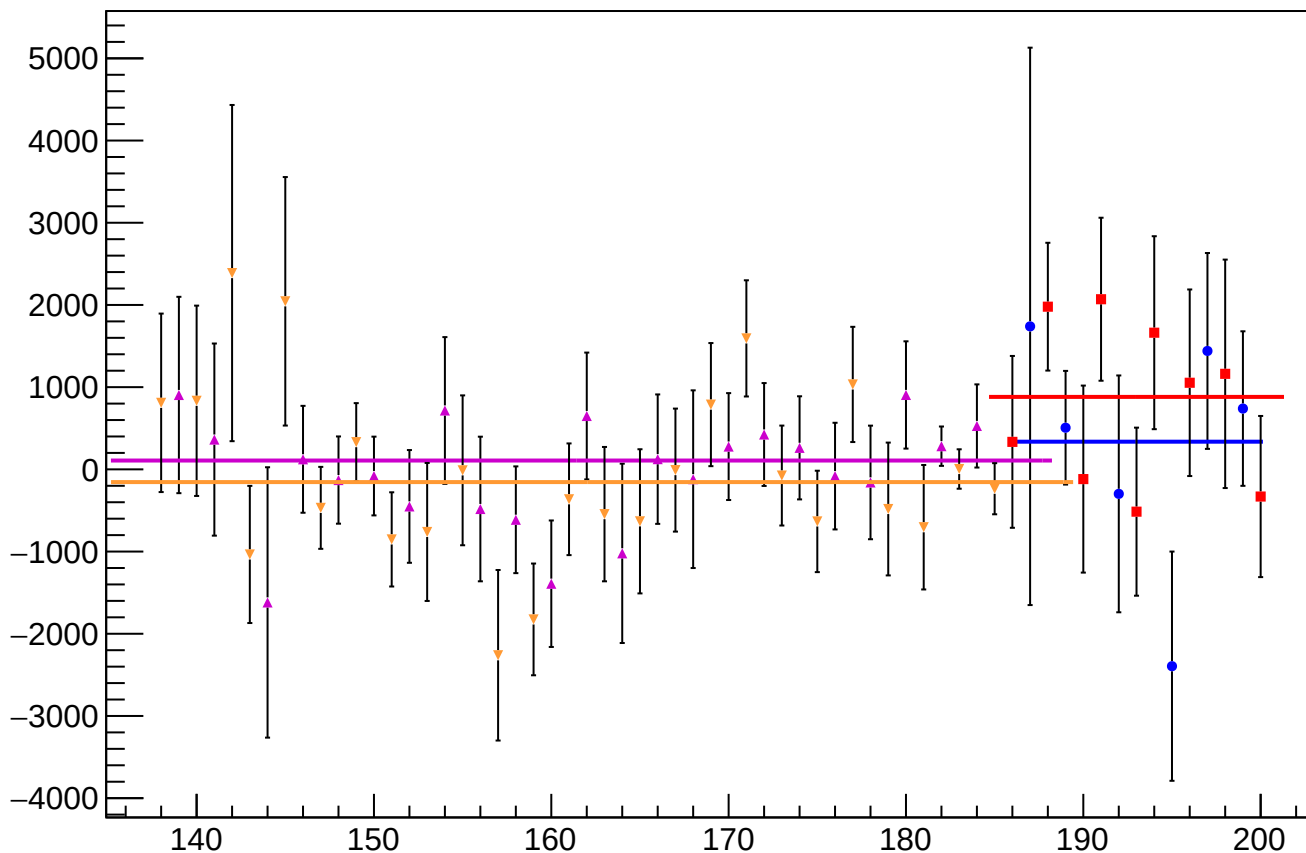
Left In: 1845.411 $\pm$ 0.312 χ^2 /NDF:8318.8/22

+ sign 1883.428 $\pm$ 0.252 χ^2 /NDF: 1002874.7/47

All: 1882.908 $\pm$ 0.175 χ^2 /NDF: 1702223.0/97

- sign 1882.421 $\pm$ 0.243 χ^2 /NDF: 699340.0/49

asym_at1_avg_correction_mean vs Slug



Right In: 336.620 $\pm$ 446.702 χ^2 /NDF: 5.3/5

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

Right Out: 881.469 $\pm$ 345.476 χ^2 /NDF: 8.4/8

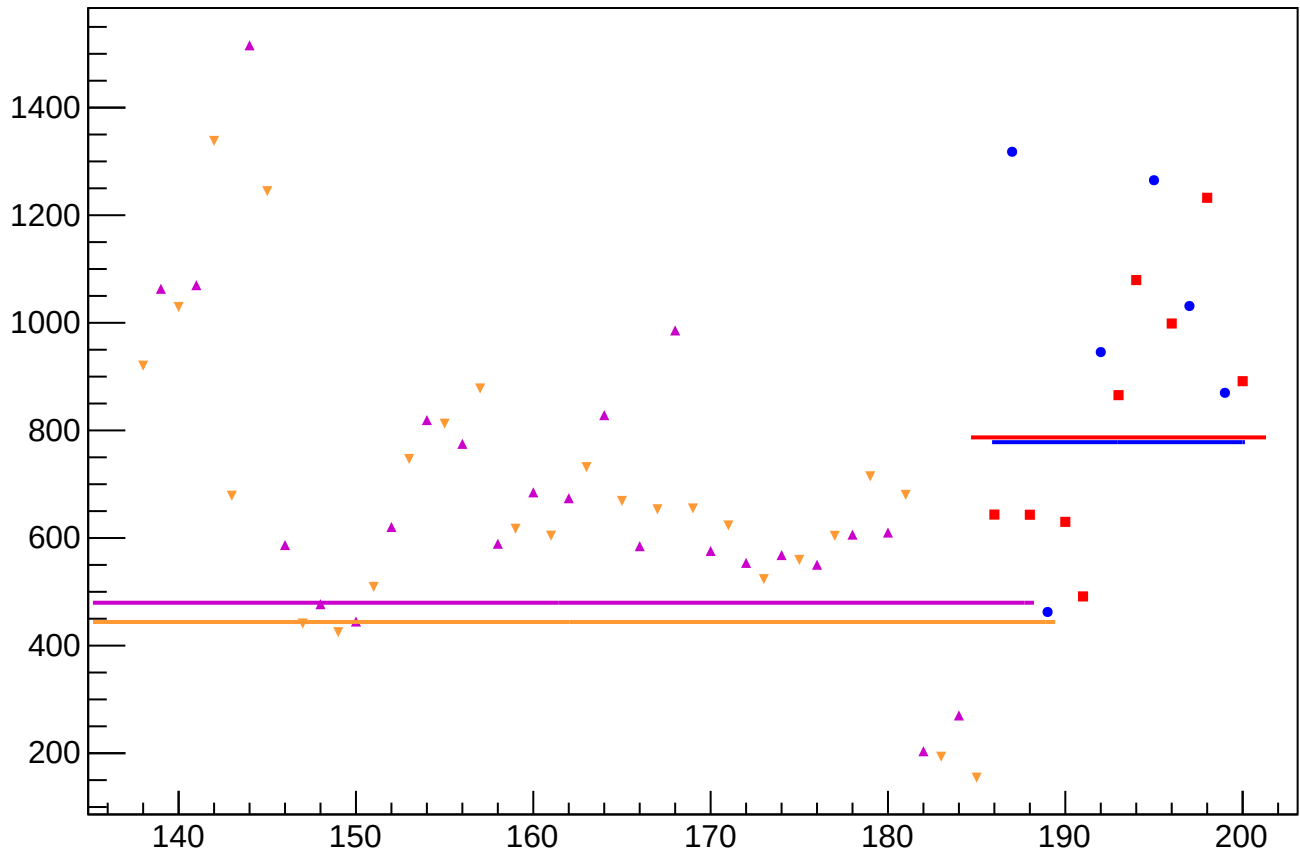
Left In: 107.387 $\pm$ 127.580 χ^2 /NDF:13.5/22

+ sign -121.944 $\pm$ 115.579 χ^2 /NDF: 39.4/30

All: 33.555 $\pm$ 83.139 χ^2 /NDF: 69.5/62

- sign 200.283 $\pm$ 119.680 χ^2 /NDF: 26.3/31

asym_at1_avg_correction_rms vs Slug



Right In: 778.157+/-0.316 χ^2/NDF : 847676.3/5

Left Out: 443.961+/-0.085 χ^2/NDF : 8573133.3/24

Right Out: 787.031+/-0.244 χ^2/NDF : 755635.6/8

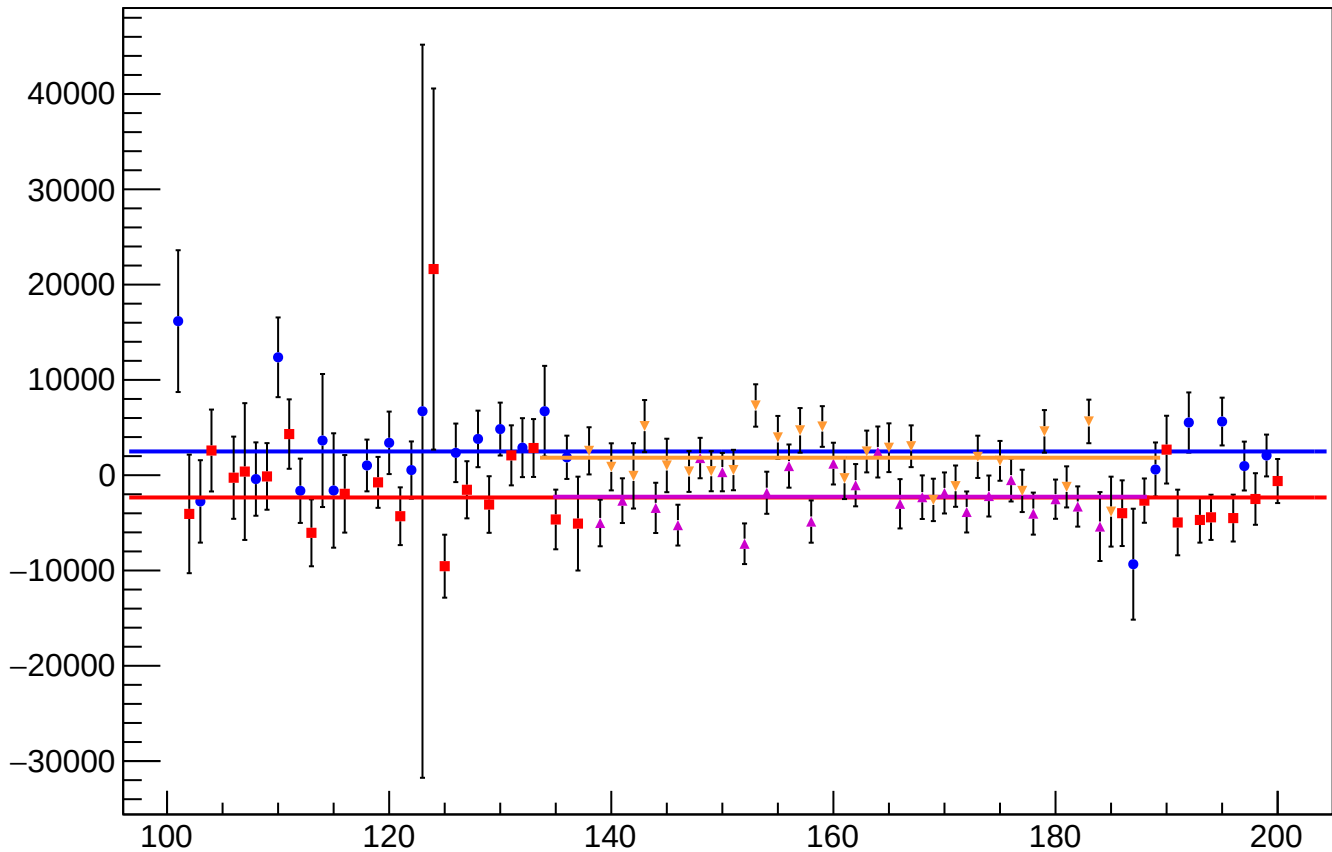
Left In: 479.723+/-0.090 χ^2/NDF : 6734597.7/22

+ sign 466.335+/-0.082 χ^2/NDF : 10465296.4/30

All: 490.592+/-0.059 χ^2/NDF : 19530677.0/62

- sign 516.602+/-0.085 χ^2/NDF : 8882820.7/31

asym_at1_avg_mean vs Slug



Right In: 2492.087 $\pm$ 684.013 χ^2 /NDF: 23.0/22

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

Right Out: -2337.462 $\pm$ 614.456 χ^2 /NDF: 25.6/26

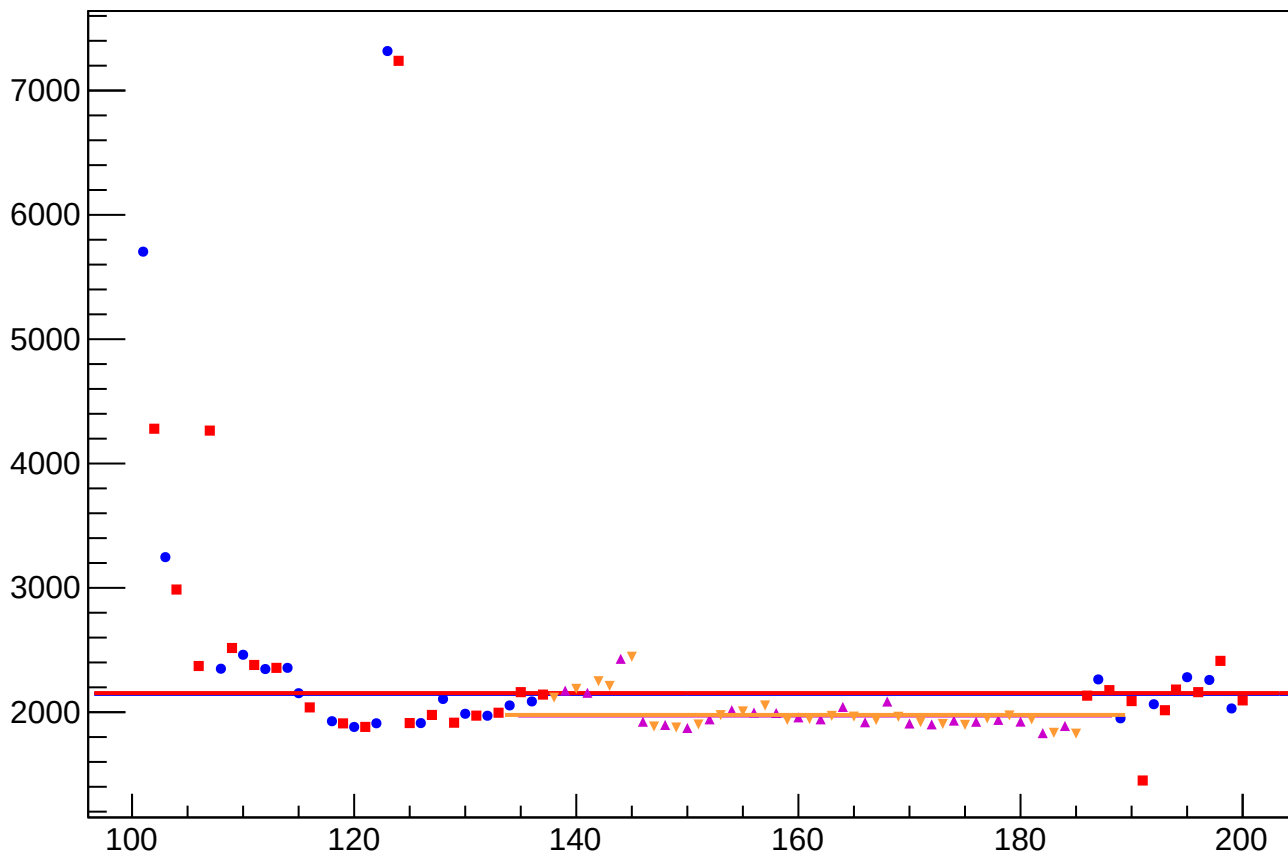
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

+ sign 2041.748 $\pm$ 383.862 χ^2 /NDF: 56.4/47

All: -177.172 $\pm$ 268.050 χ^2 /NDF: 173.6/97

- sign -2288.883 $\pm$ 374.474 χ^2 /NDF: 51.9/49

asym_at1_avg_rms vs Slug



Right In: 2147.069+/-0.484 χ^2/NDF : 741211.9/22

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

Right Out: 2153.734+/-0.434 χ^2/NDF : 854884.3/26

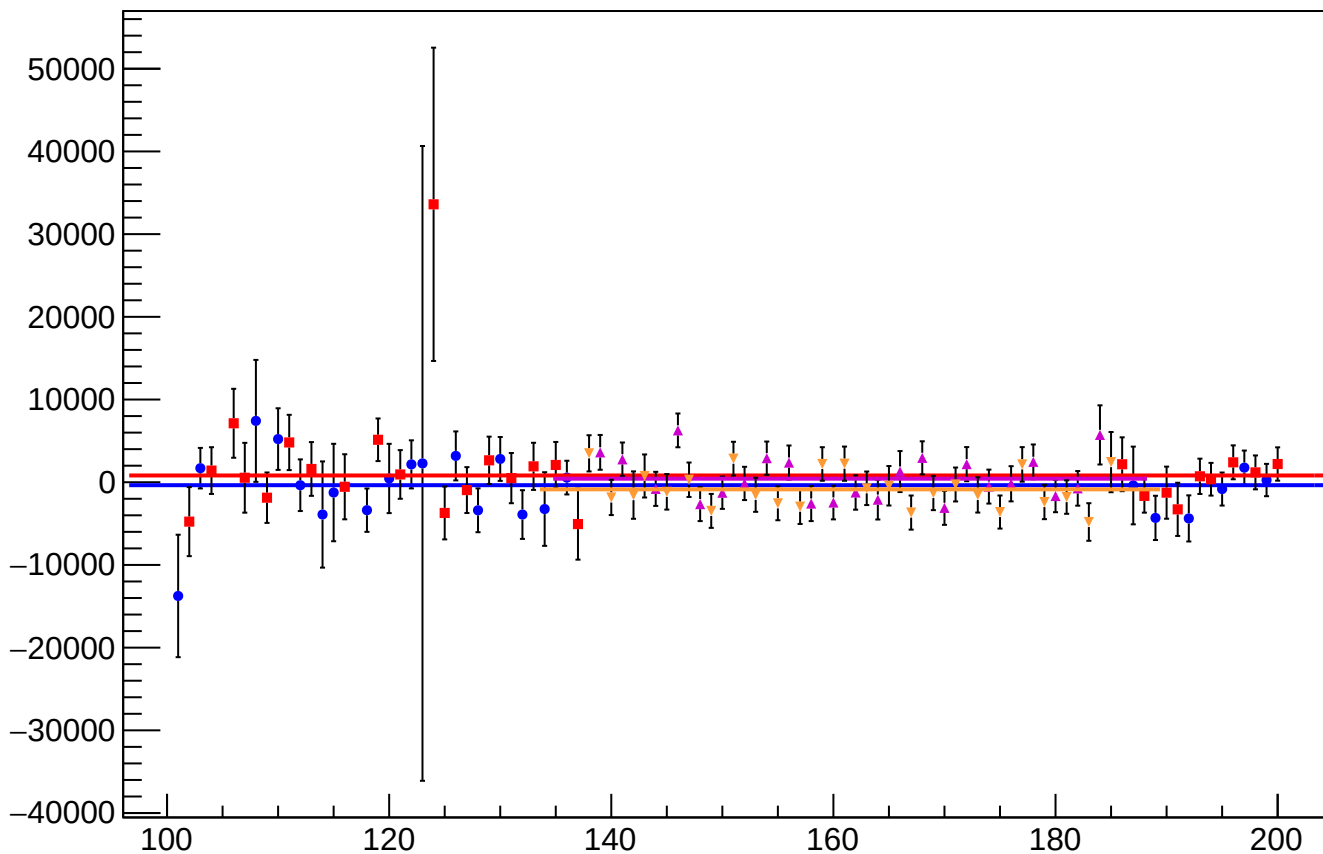
Left In: 1973.216+/-0.334 χ^2/NDF : 120479.3/22

+ sign 2031.276+/-0.271 χ^2/NDF : 962573.9/47

All: 2035.881+/-0.190 χ^2/NDF : 2047004.3/97

- sign 2040.264+/-0.265 χ^2/NDF : 1083868.7/49

dit_asym_at1_dd_mean vs Slug



Right In: -356.840 ± 618.104 χ^2/NDF : 21.5/22

Left Out: -858.637 ± 431.465 χ^2/NDF : 26.9/24

Right Out: 818.373 ± 540.863 χ^2/NDF : 22.3/26

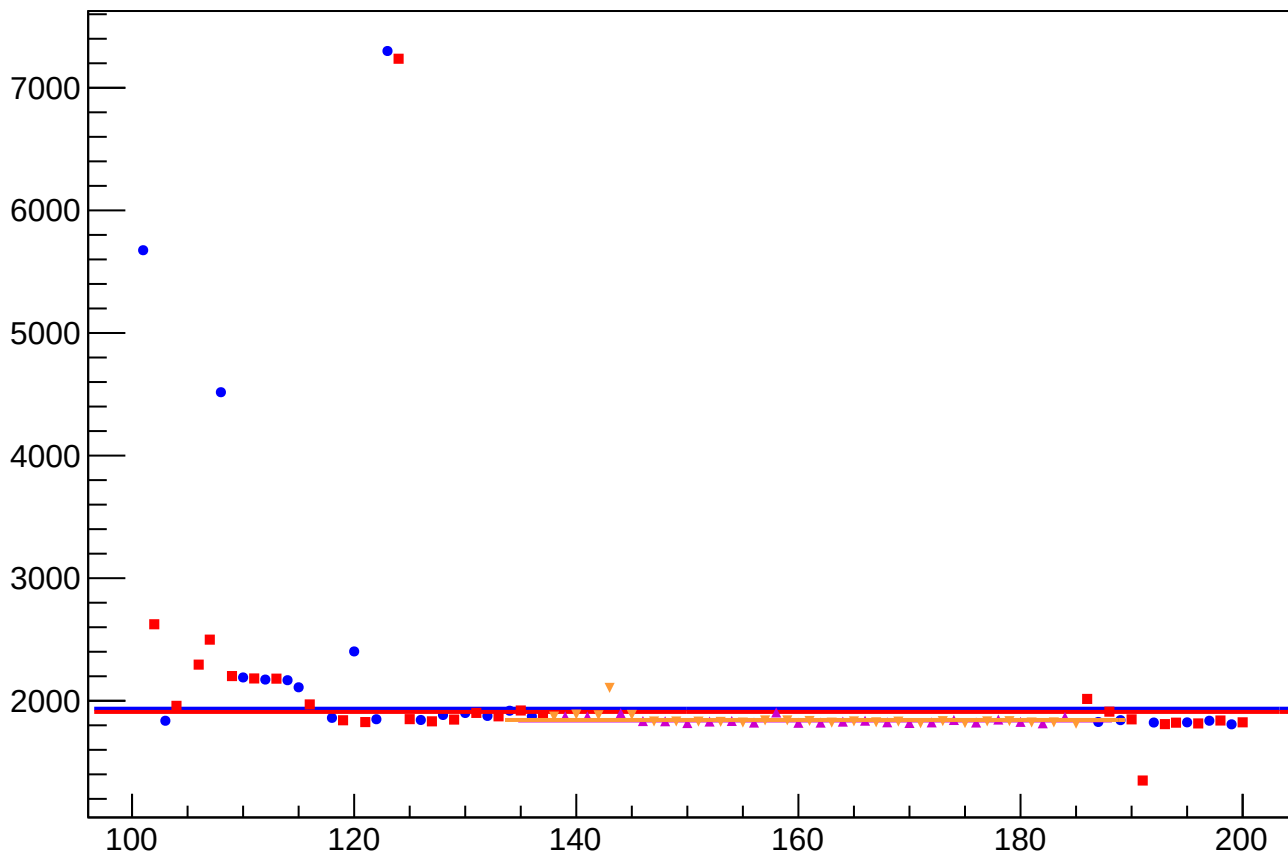
Left In: 427.682 ± 439.561 χ^2/NDF : 33.7/22

+ sign -694.235 ± 353.795 χ^2/NDF : 48.8/47

All: -32.277 ± 245.565 χ^2/NDF : 111.8/97

- sign 583.086 ± 341.116 χ^2/NDF : 56.3/49

dit_asym_at1_dd_rms vs Slug



Right In: 1935.374+/-0.437 χ^2/NDF : 883171.6/22

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

Right Out: 1909.273+/-0.382 χ^2/NDF : 408235.5/26

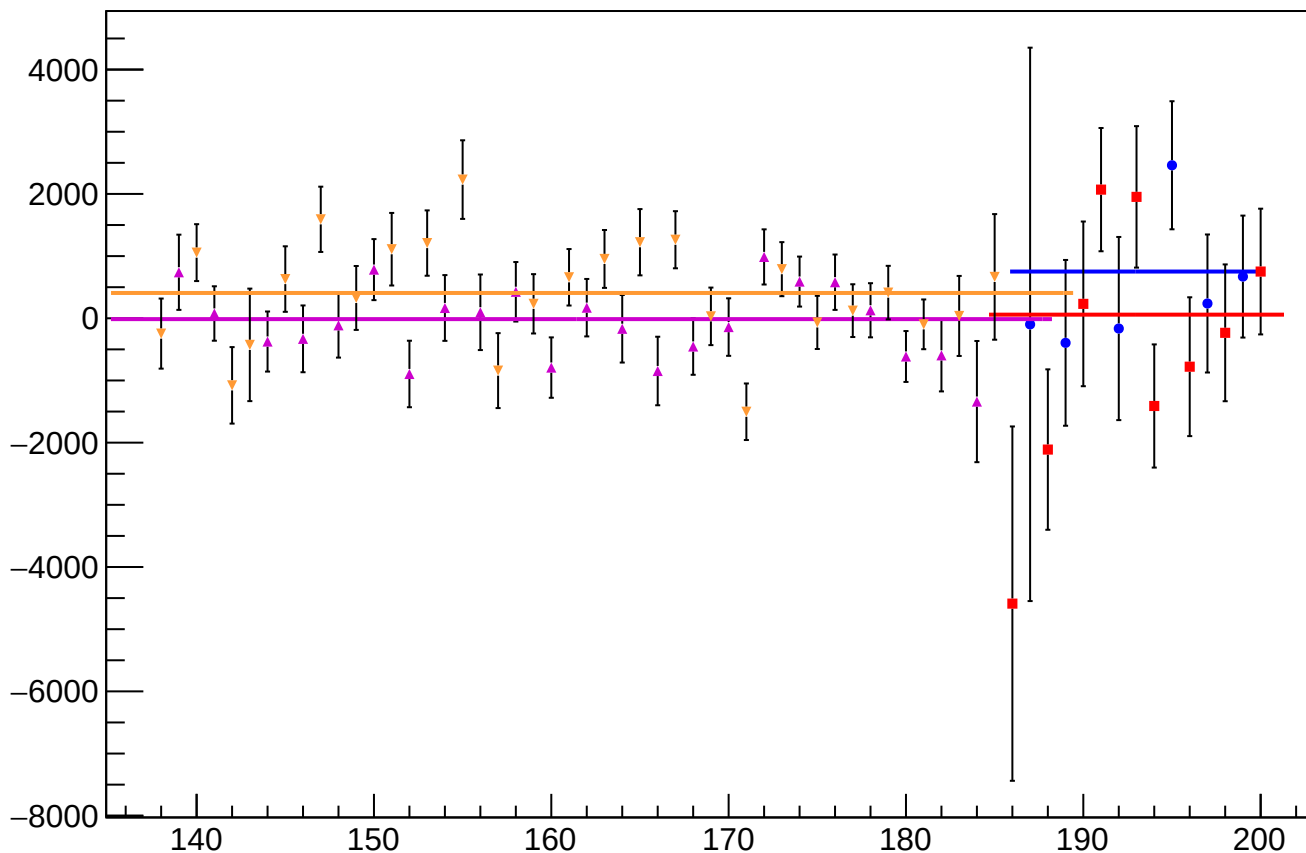
Left In: 1839.431+/-0.311 χ^2/NDF : 6418.5/22

+ sign 1873.623+/-0.250 χ^2/NDF : 937833.6/47

All: 1870.301+/-0.174 χ^2/NDF : 1372912.0/97

- sign 1867.212+/-0.241 χ^2/NDF : 434738.1/49

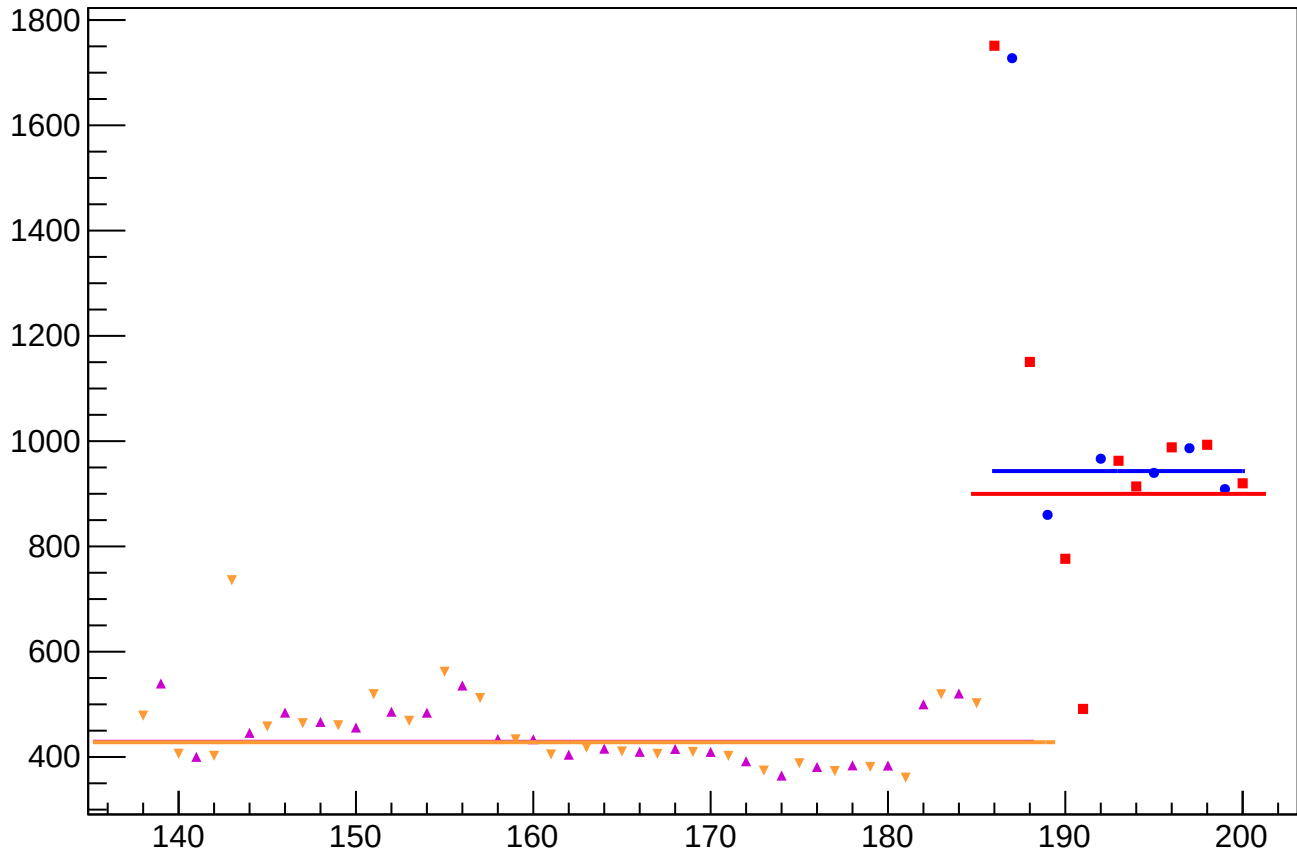
asym_at1_dd_correction_mean vs Slug



Right In: 751.721 $\pm$ 508.406 χ^2 /NDF: 4.1/5
Left Out: 407.320 $\pm$ 101.221 χ^2 /NDF: 62.1/24
Right Out: 58.540 $\pm$ 386.017 χ^2 /NDF: 15.7/8
Left In: -13.395 $\pm$ 102.912 χ^2 /NDF: 29.2/22

+ sign 420.451 $\pm$ 99.273 χ^2 /NDF: 66.7/30
All: 206.274 $\pm$ 70.255 χ^2 /NDF: 121.0/62
- sign -8.621 $\pm$ 99.439 χ^2 /NDF: 45.0/31

asym_at1_dd_correction_rms vs Slug



Right In: 943.153+/-0.359 χ^2/NDF : 75938.7/5

Left Out: 428.052+/-0.072 χ^2/NDF : 704731.3/24

Right Out: 899.845+/-0.273 χ^2/NDF : 645278.2/8

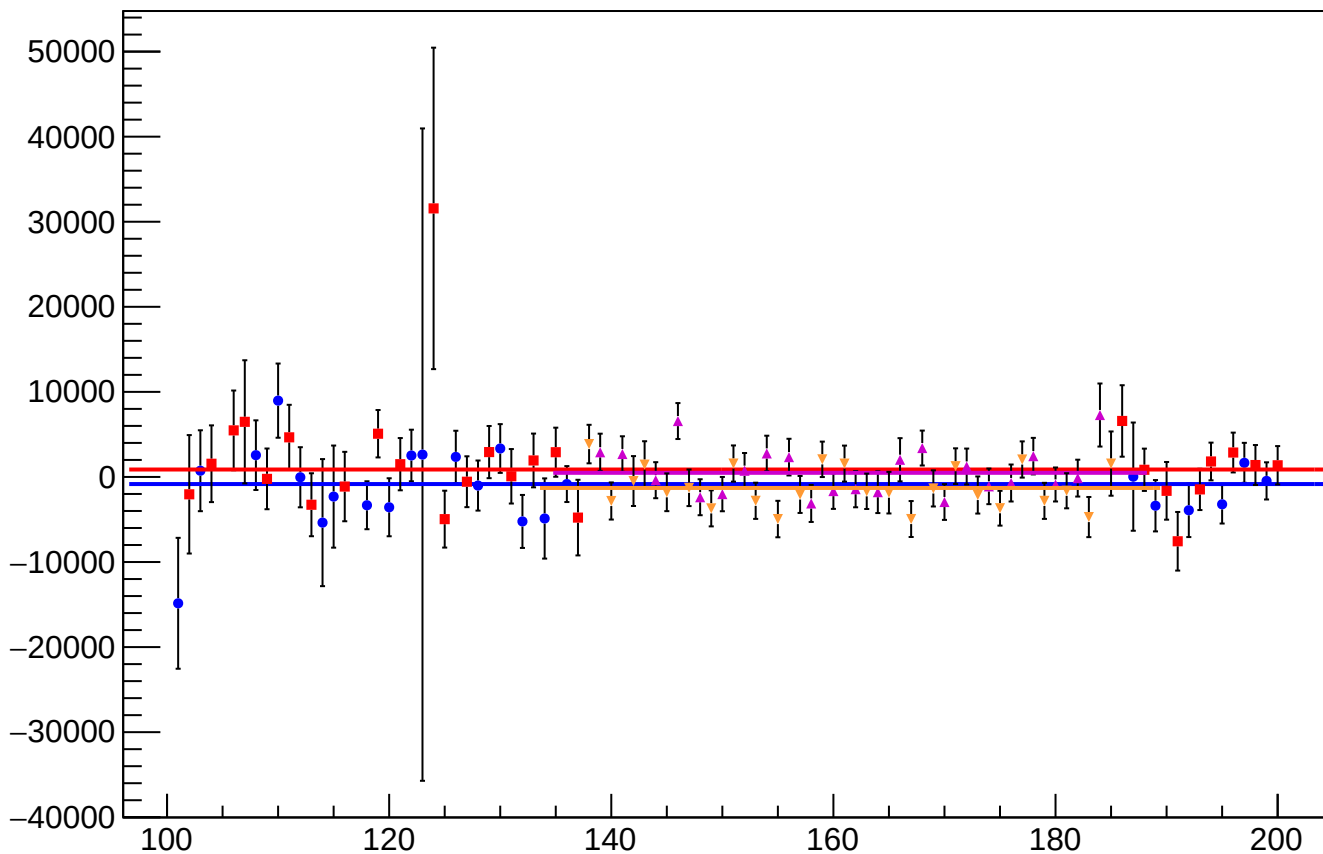
Left In: 428.926+/-0.073 χ^2/NDF : 418755.3/22

+ sign 447.692+/-0.070 χ^2/NDF : 2755414.7/30

All: 453.923+/-0.050 χ^2/NDF : 6614236.6/62

- sign 460.176+/-0.070 χ^2/NDF : 3843032.6/31

asym_at1_dd_mean vs Slug



Right In: -835.054 ± 680.805 χ^2/NDF : 22.2/22

Left Out: -1294.152 ± 444.151 χ^2/NDF : 29.6/24

Right Out: 874.103 ± 614.035 χ^2/NDF : 25.6/26

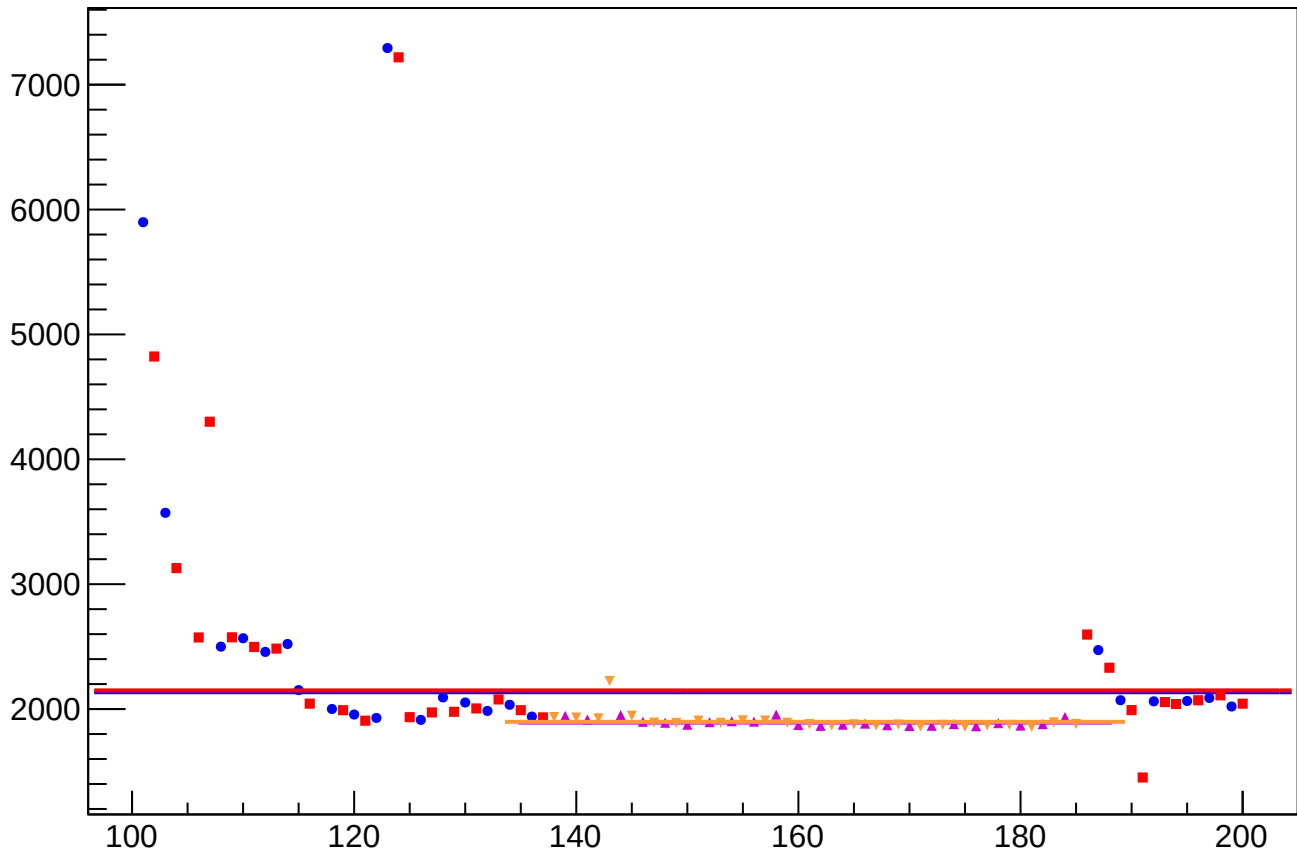
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

+ sign -1157.089 ± 371.989 χ^2/NDF : 52.2/47

All: -248.143 ± 260.173 χ^2/NDF : 122.1/97

- sign 622.288 ± 364.022 χ^2/NDF : 58.3/49

asym_at1_dd_rms vs Slug



Right In: 2134.727 $\pm$ 0.481 χ^2 /NDF: 825094.3/22

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

Right Out: 2149.590 $\pm$ 0.434 χ^2 /NDF: 980232.4/26

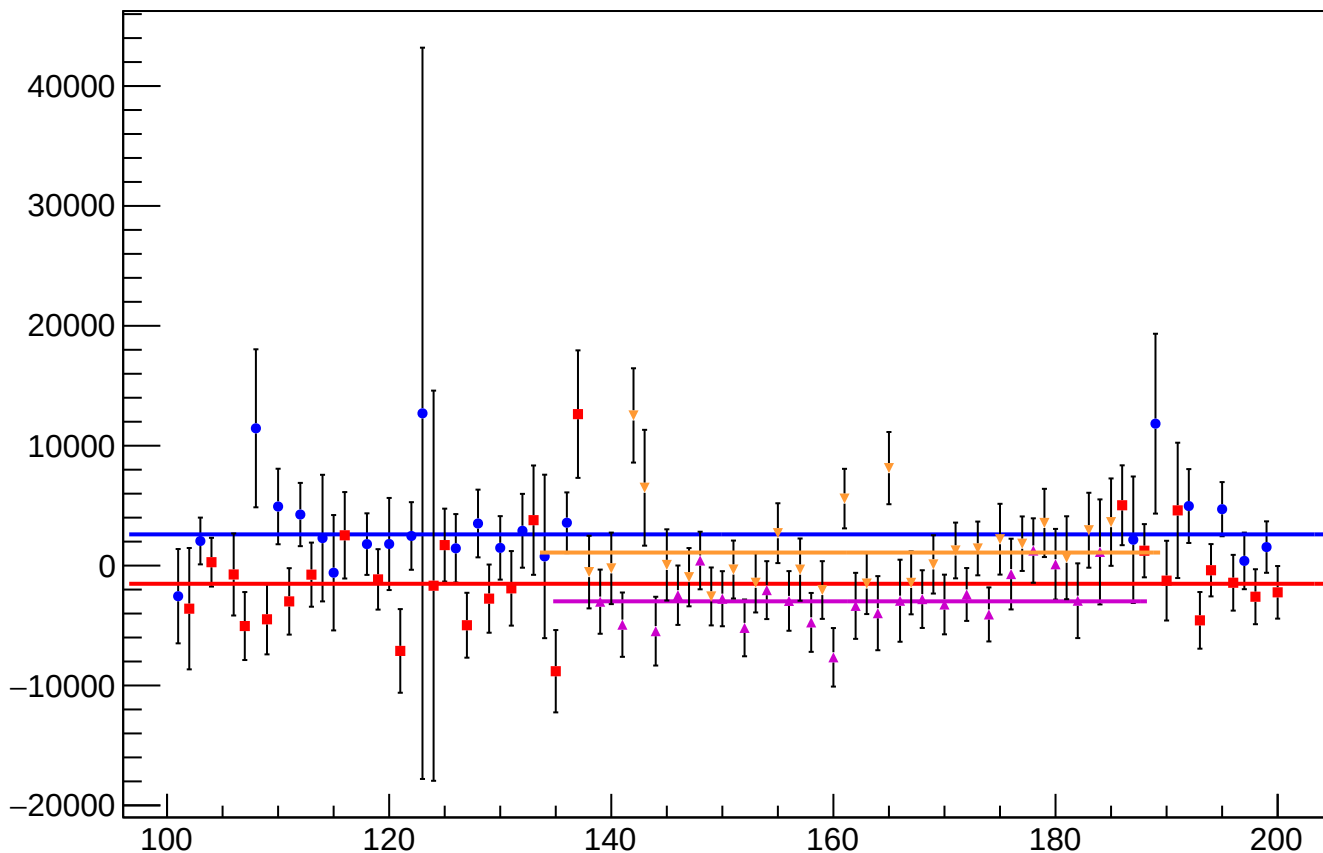
Left In: 1891.722 $\pm$ 0.320 χ^2 /NDF: 7584.2/22

+ sign 1968.443 $\pm$ 0.263 χ^2 /NDF: 1030277.9/47

All: 1975.548 $\pm$ 0.184 χ^2 /NDF: 2248281.5/97

- sign 1982.351 $\pm$ 0.257 χ^2 /NDF: 1216575.5/49

dit_asym_at2_avg_mean vs Slug



Right In: 2603.907 ± 639.428 χ^2/NDF : 10.0/22

Left Out: 1087.902 ± 540.984 χ^2/NDF : 29.9/24

Right Out: -1517.101 ± 556.799 χ^2/NDF : 32.6/26

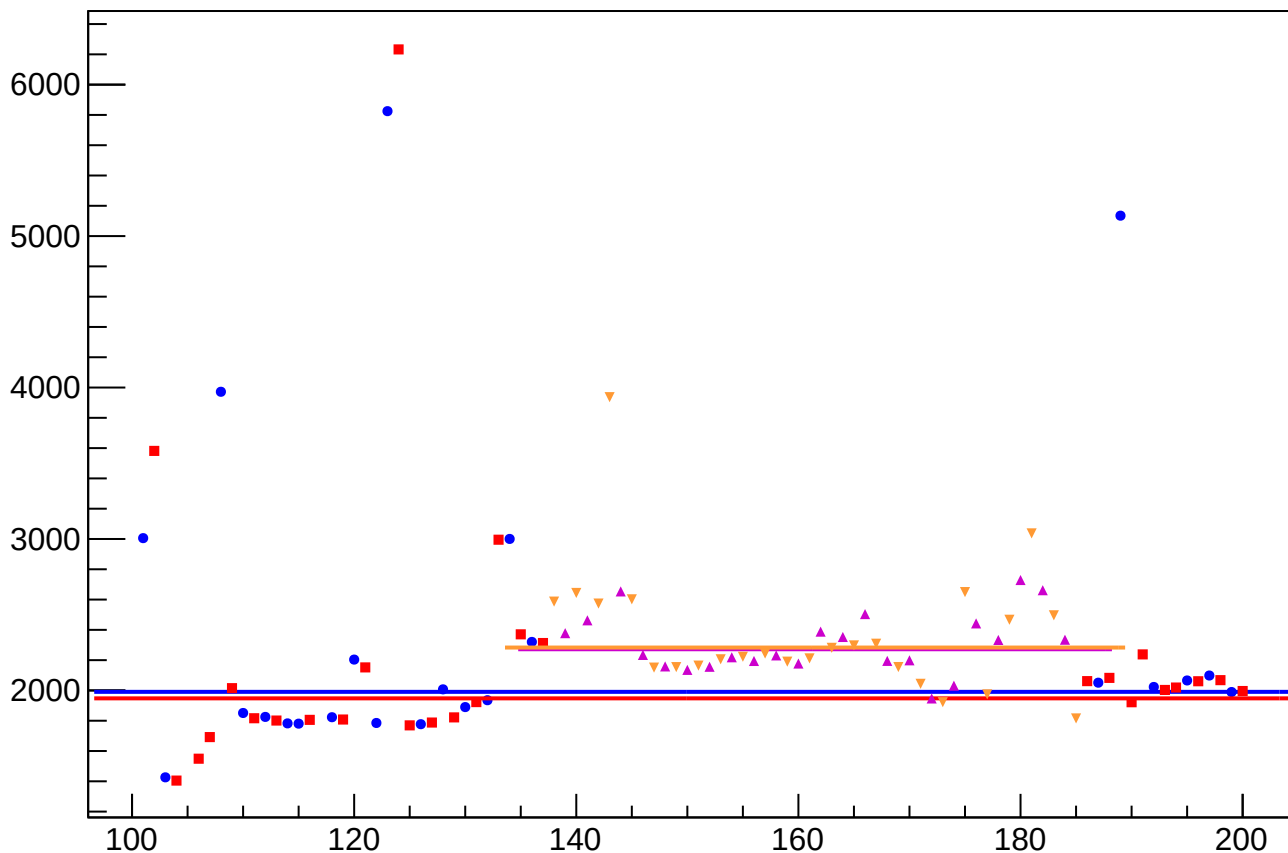
Left In: -2981.160 ± 546.107 χ^2/NDF : 14.0/22

+ sign 1720.345 ± 413.002 χ^2/NDF : 43.2/47

All: -386.111 ± 283.509 χ^2/NDF : 142.5/97

- sign -2263.323 ± 389.881 χ^2/NDF : 50.1/49

dit_asym_at2_avg_rms vs Slug



Right In: 1990.659+/-0.452 χ^2/NDF : 1007917.8/22

Left Out: 2283.204+/-0.383 χ^2/NDF : 634430.6/24

Right Out: 1947.648+/-0.394 χ^2/NDF : 753809.6/26

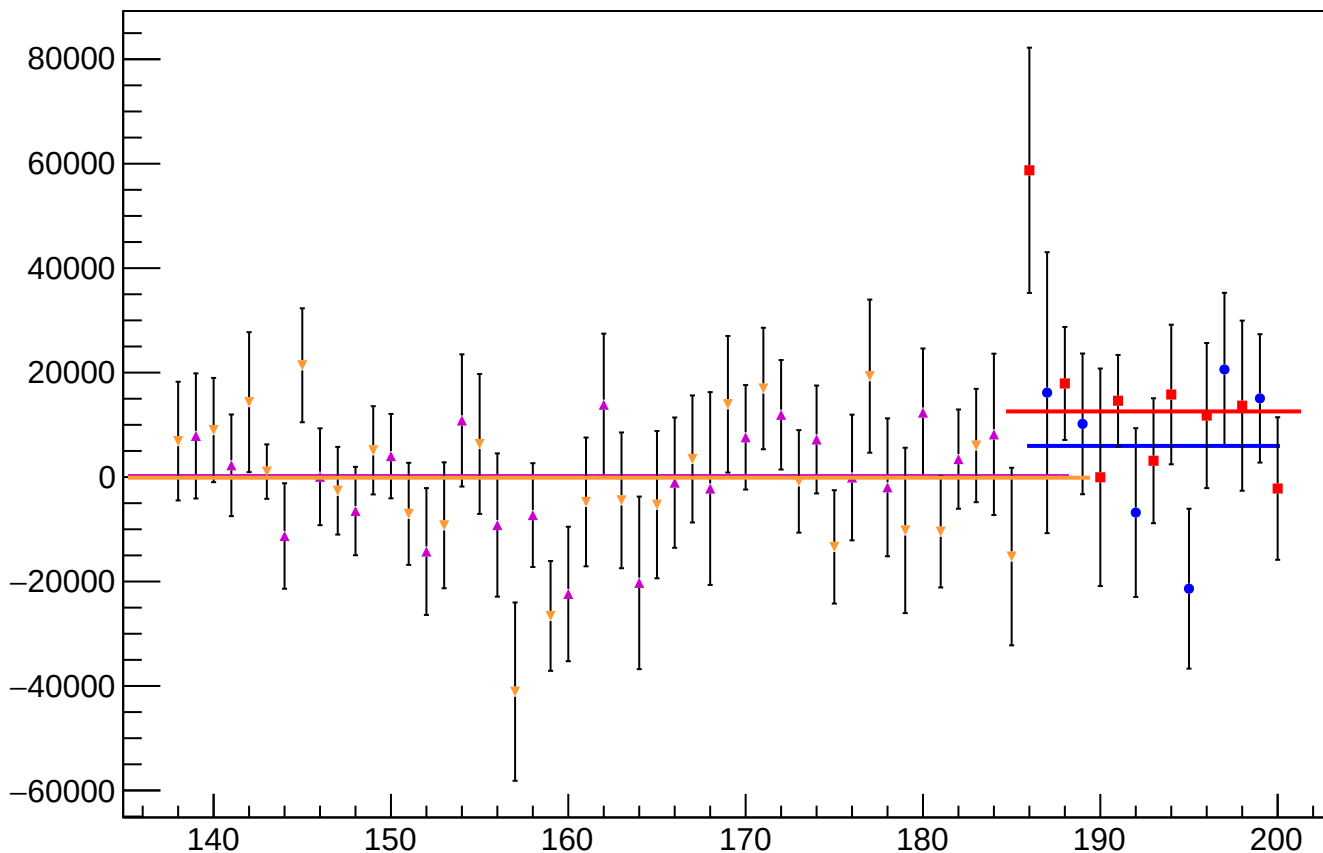
Left In: 2271.946+/-0.386 χ^2/NDF : 243546.3/22

+ sign 2161.161+/-0.292 χ^2/NDF : 1886337.9/47

All: 2135.653+/-0.200 χ^2/NDF : 3243962.8/97

- sign 2112.923+/-0.276 χ^2/NDF : 1343197.7/49

asym_at2_avg_correction_mean vs Slug



Right In: 5963.892+/-6172.086 χ^2/NDF : 5.6/5

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

Right Out: 12568.169+/-4361.164 χ^2/NDF : 6.4/8

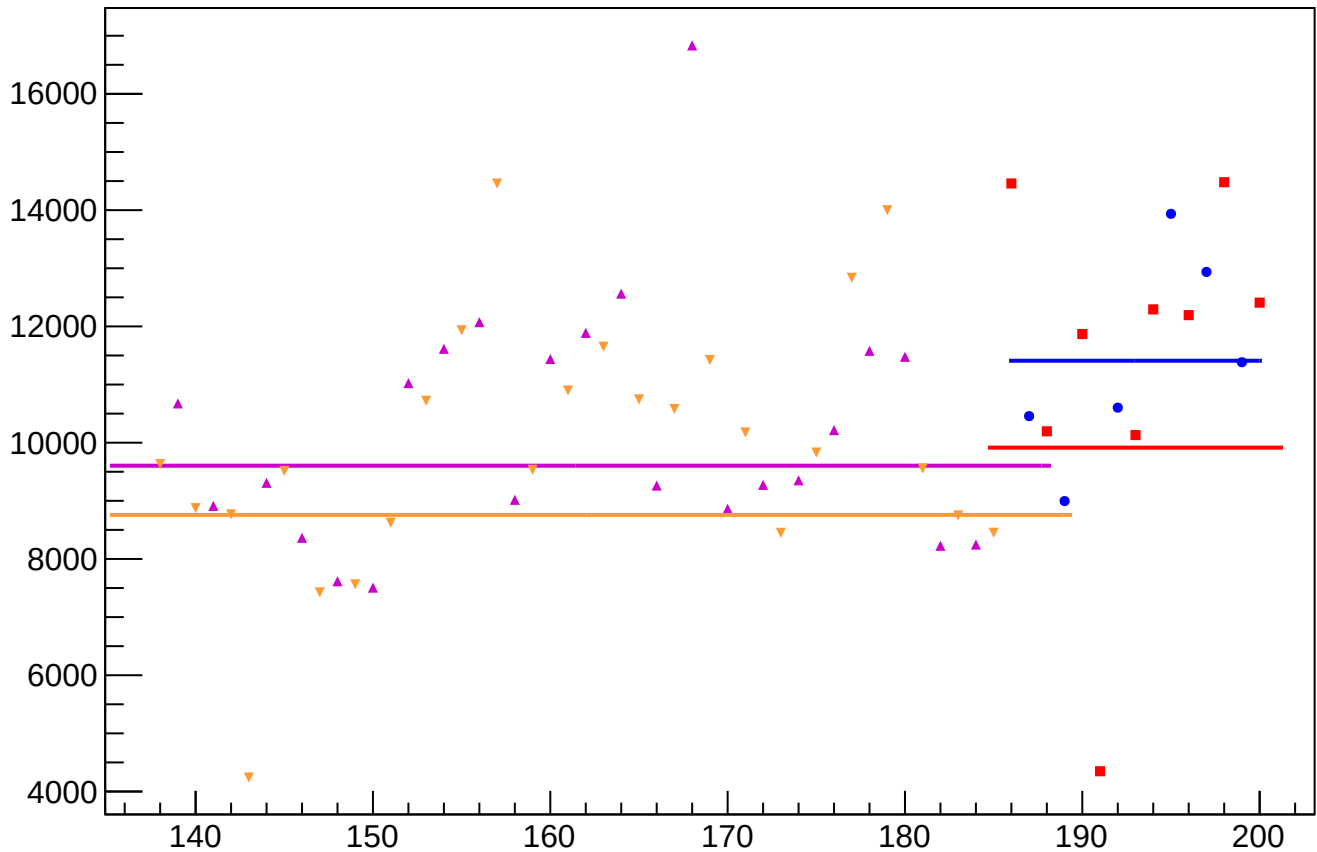
Left In: 185.013+/-2330.398 χ^2/NDF : 15.0/22

+ sign 530.071+/-2023.581 χ^2/NDF : 36.2/30

All: 1714.025+/-1441.993 χ^2/NDF : 64.6/62

- sign 2935.462+/-2055.363 χ^2/NDF : 27.7/31

asym_at2_avg_correction_rms vs Slug



Right In: 11409.604 $\pm$ 4.364 χ^2 /NDF: 147832.7/5

Left Out: 8757.819 $\pm$ 1.515 χ^2 /NDF:2779104.9/24

Right Out: 9915.076 $\pm$ 3.084 χ^2 /NDF: 1241425.1/8

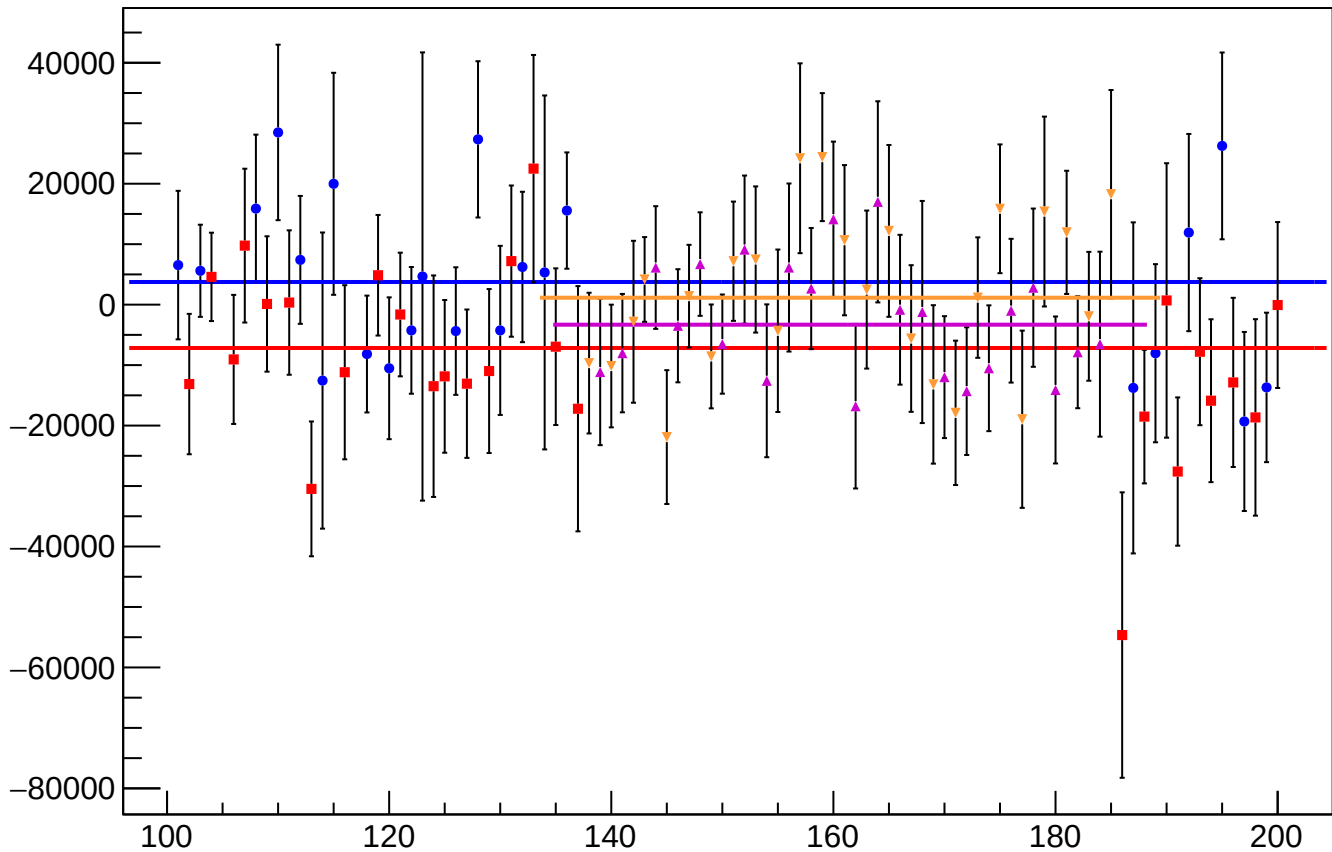
Left In: 9604.027 $\pm$ 1.648 χ^2 /NDF:1095805.7/22

+ sign 9042.865 $\pm$ 1.431 χ^2 /NDF: 3256437.1/30

All: 9353.080 $\pm$ 1.020 χ^2 /NDF: 5697073.2/62

- sign 9673.115 $\pm$ 1.453 χ^2 /NDF: 2345144.8/31

asym_at2_avg_mean vs Slug



Right In: 3746.211 $\pm$ 2670.631 χ^2 /NDF: 22.6/22

Left Out: 1145.185 $\pm$ 2232.341 χ^2 /NDF: 27.9/24

Right Out: -7167.075 $\pm$ 2406.988 χ^2 /NDF: 25.6/26

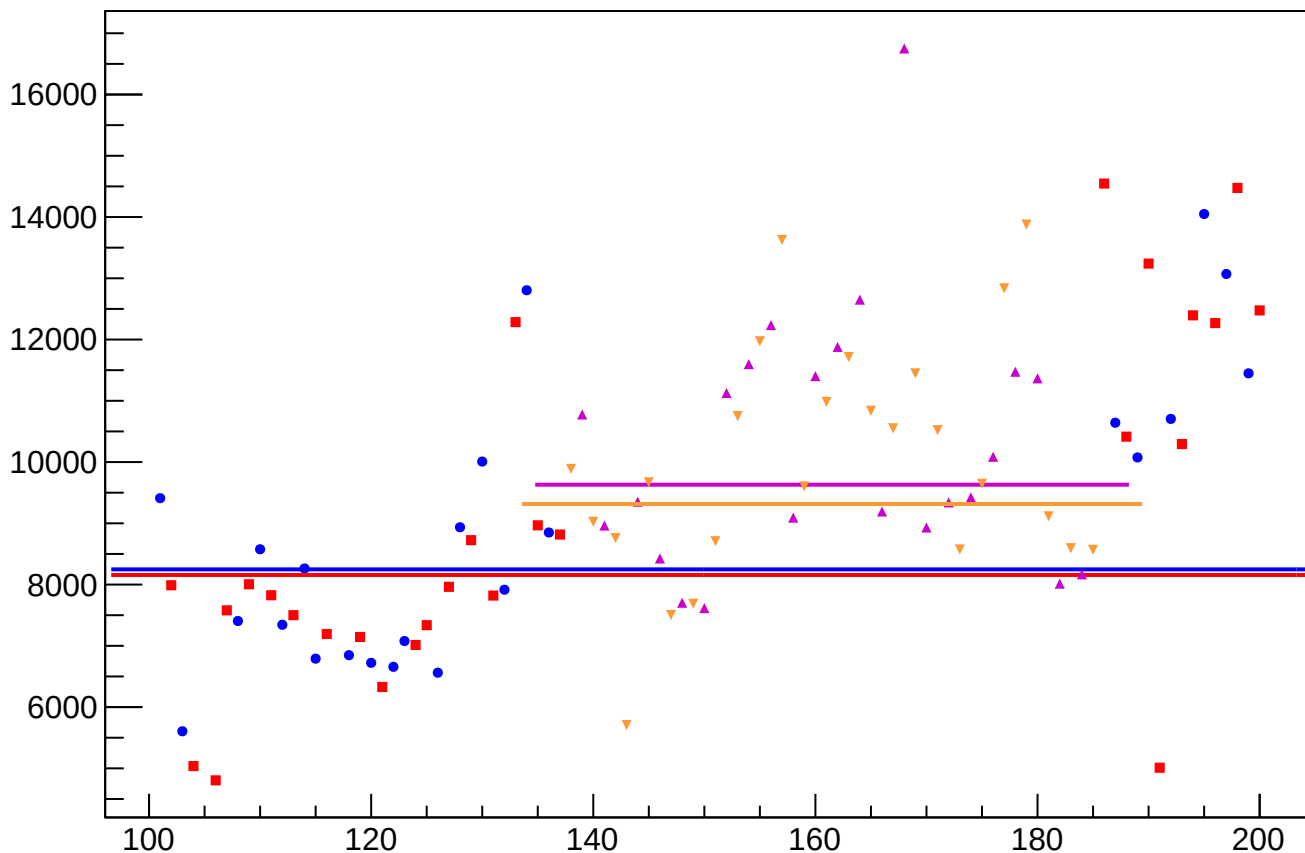
Left In: -3316.960 $\pm$ 2336.196 χ^2 /NDF: 13.4/22

+ sign 2215.029 $\pm$ 1712.780 χ^2 /NDF: 51.0/47

All: -1564.170 $\pm$ 1198.052 χ^2 /NDF: 100.9/97

- sign -5184.568 $\pm$ 1676.409 χ^2 /NDF: 40.4/49

asym_at2_avg_rms vs Slug



Right In: 8248.415+/-1.888 χ^2/NDF : 1286148.2/22

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

Right Out: 8156.702+/-1.702 χ^2/NDF : 2192795.9/26

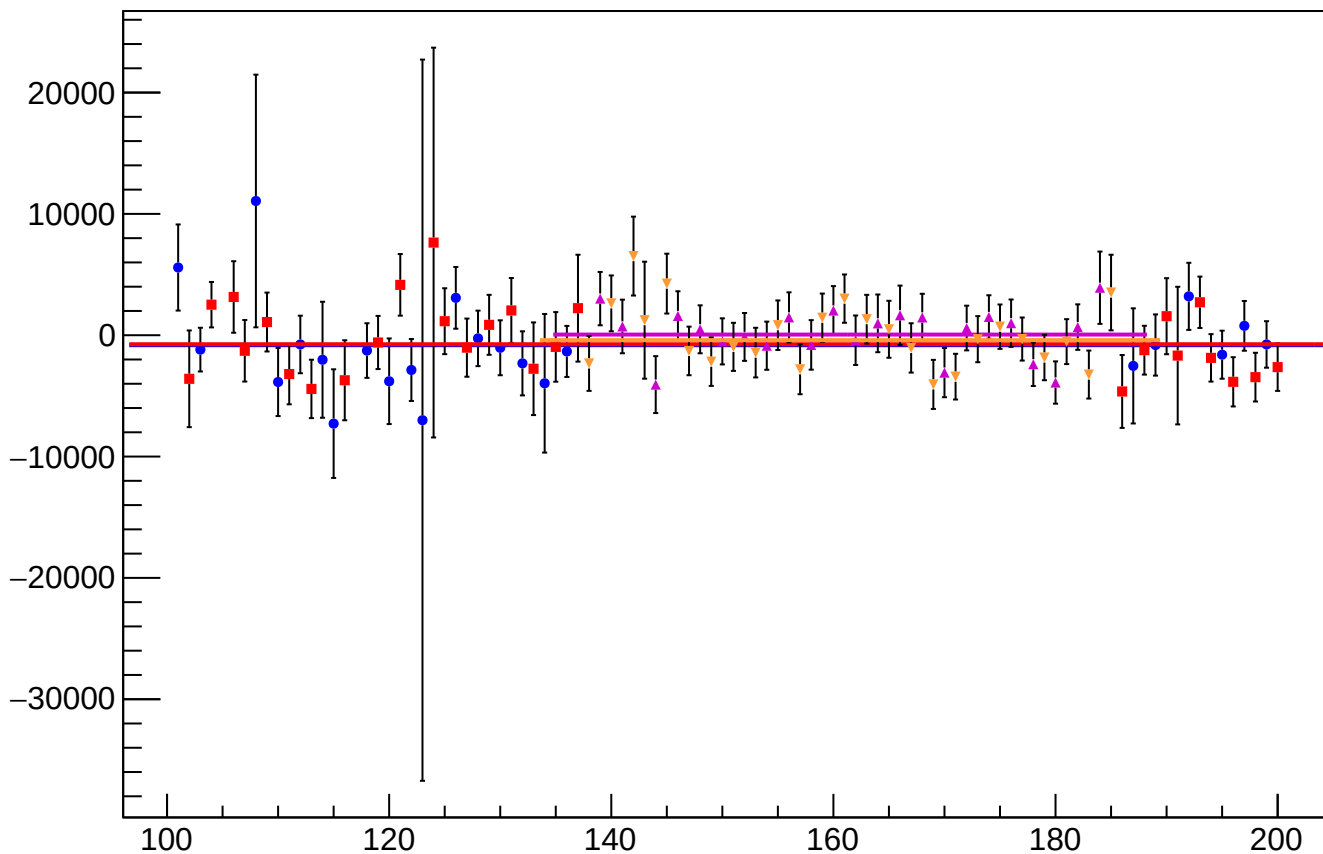
Left In: 9630.345+/-1.652 χ^2/NDF : 1074643.5/22

+ sign 8876.519+/-1.211 χ^2/NDF : 2977596.4/47

All: 8896.398+/-0.847 χ^2/NDF : 6631620.3/97

- sign 8915.441+/-1.185 χ^2/NDF : 3653496.3/49

dit_asym_at2_dd_mean vs Slug



Right In: -821.088+/-553.317 χ^2/NDF : 15.5/22

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

Right Out: -741.625+/-490.078 χ^2/NDF : 27.2/26

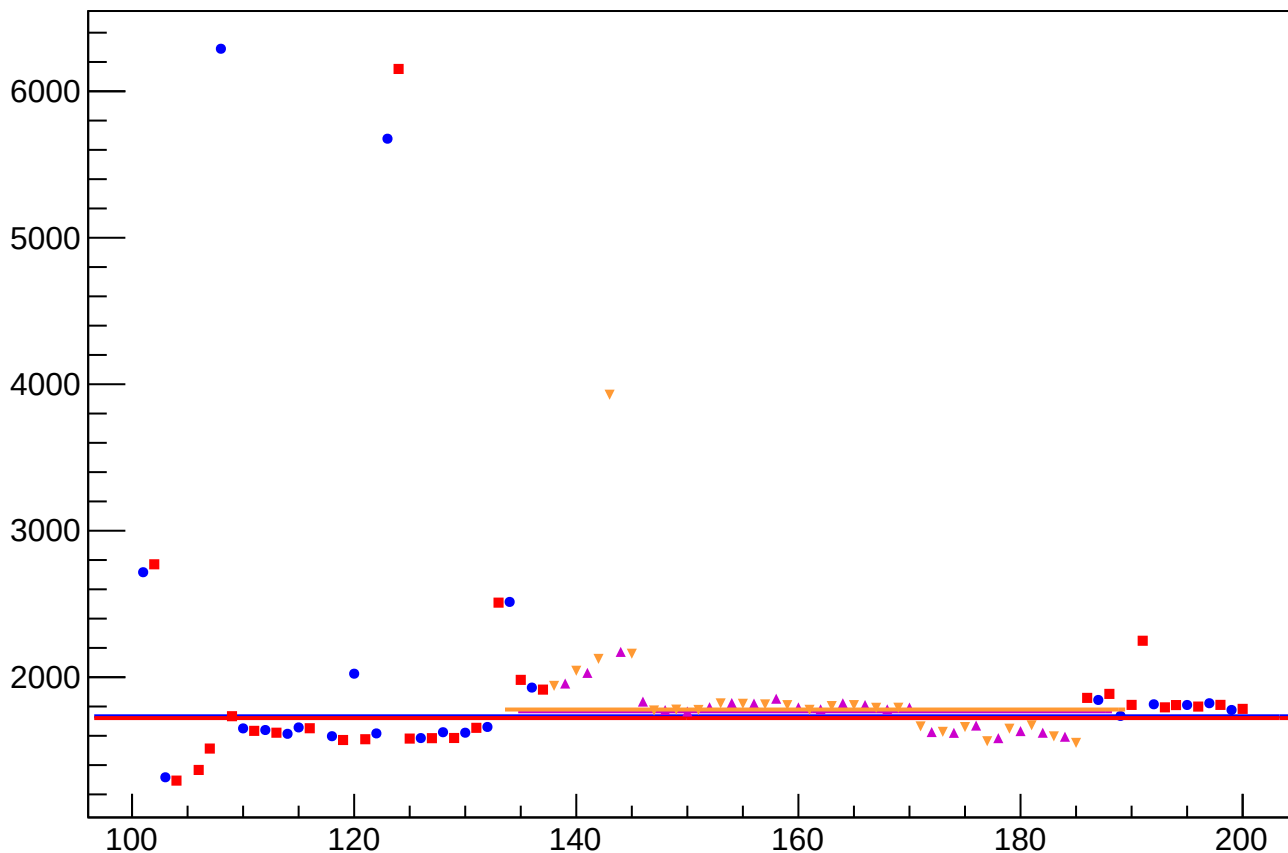
Left In: 53.539+/-422.570 χ^2/NDF : 20.9/22

+ sign -555.730+/-334.157 χ^2/NDF : 44.8/47

All: -414.805+/-231.128 χ^2/NDF : 94.6/97

- sign -285.545+/-320.030 χ^2/NDF : 49.5/49

dit_asym_at2_dd_rms vs Slug



Right In: 1733.066+/-0.391 χ^2/NDF : 793845.1/22

Left Out: 1779.434+/-0.296 χ^2/NDF : 610925.0/24

Right Out: 1720.914+/-0.347 χ^2/NDF : 637086.2/26

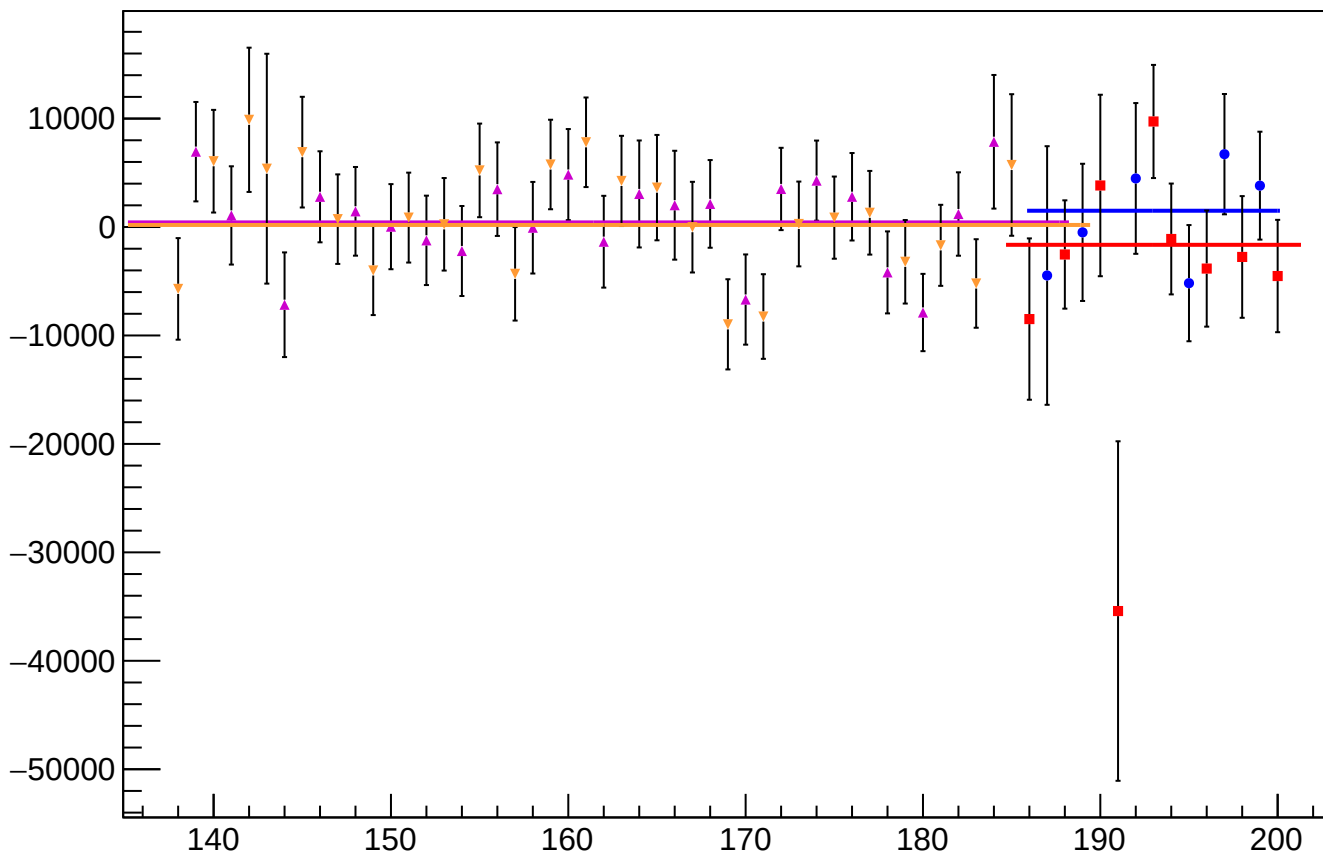
Left In: 1767.314+/-0.299 χ^2/NDF : 196583.8/22

+ sign 1762.523+/-0.236 χ^2/NDF : 1413692.6/47

All: 1754.702+/-0.163 χ^2/NDF : 2259746.1/97

- sign 1747.527+/-0.226 χ^2/NDF : 843952.7/49

asym_at2_dd_correction_mean vs Slug



Right In: 1501.944 ± 2496.521 χ^2/NDF : 3.2/5

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

Right Out: -1640.537 ± 1978.575 χ^2/NDF : 11.2/8

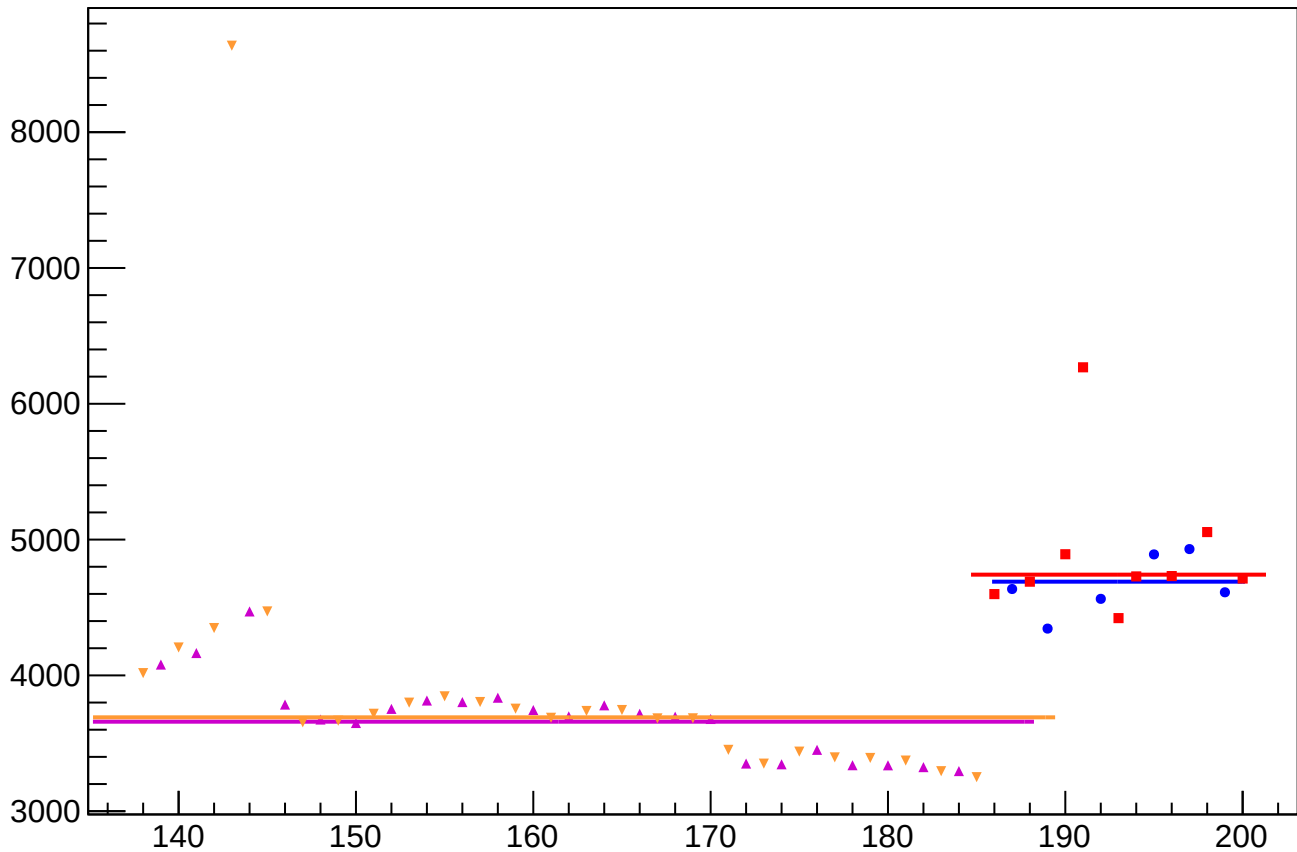
Left In: 426.004 ± 874.870 χ^2/NDF : 21.3/22

+ sign 333.030 ± 821.470 χ^2/NDF : 34.0/30

All: 207.313 ± 573.177 χ^2/NDF : 67.5/62

- sign 88.040 ± 800.140 χ^2/NDF : 33.4/31

asym_at2_dd_correction_rms vs Slug



Right In: 4690.139+/-1.765 χ^2/NDF : 13716.1/5

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

Right Out: 4741.792+/-1.399 χ^2/NDF : 34490.2/8

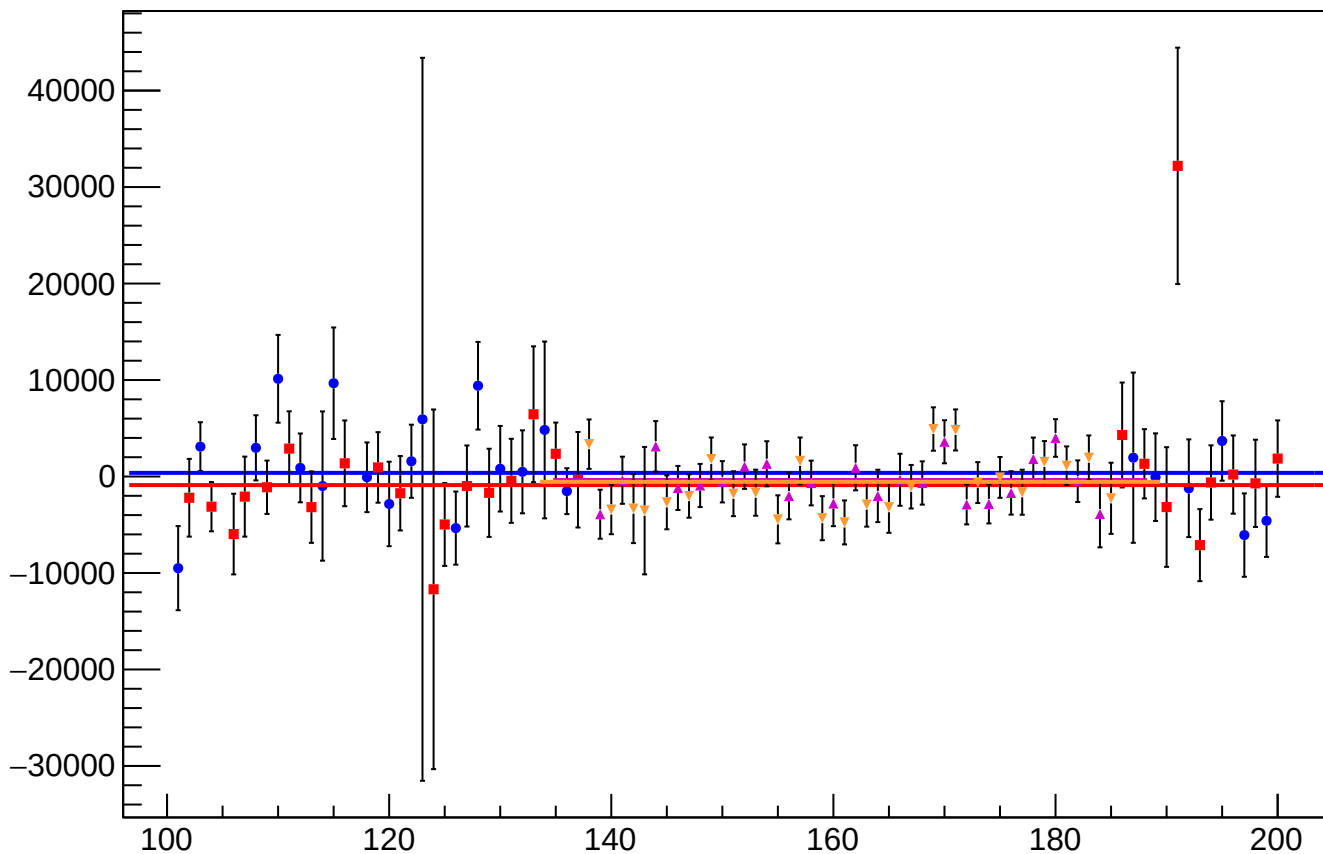
Left In: 3659.086+/-0.619 χ^2/NDF : 198077.1/22

+ sign 3799.333+/-0.581 χ^2/NDF : 938744.9/30

All: 3818.228+/-0.405 χ^2/NDF : 1674324.2/62

- sign 3836.155+/-0.566 χ^2/NDF : 733517.2/31

asym_at2_dd_mean vs Slug



Right In: 377.652 ± 855.950 χ^2/NDF : 26.7/22

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

Right Out: -887.635 ± 785.309 χ^2/NDF : 19.8/26

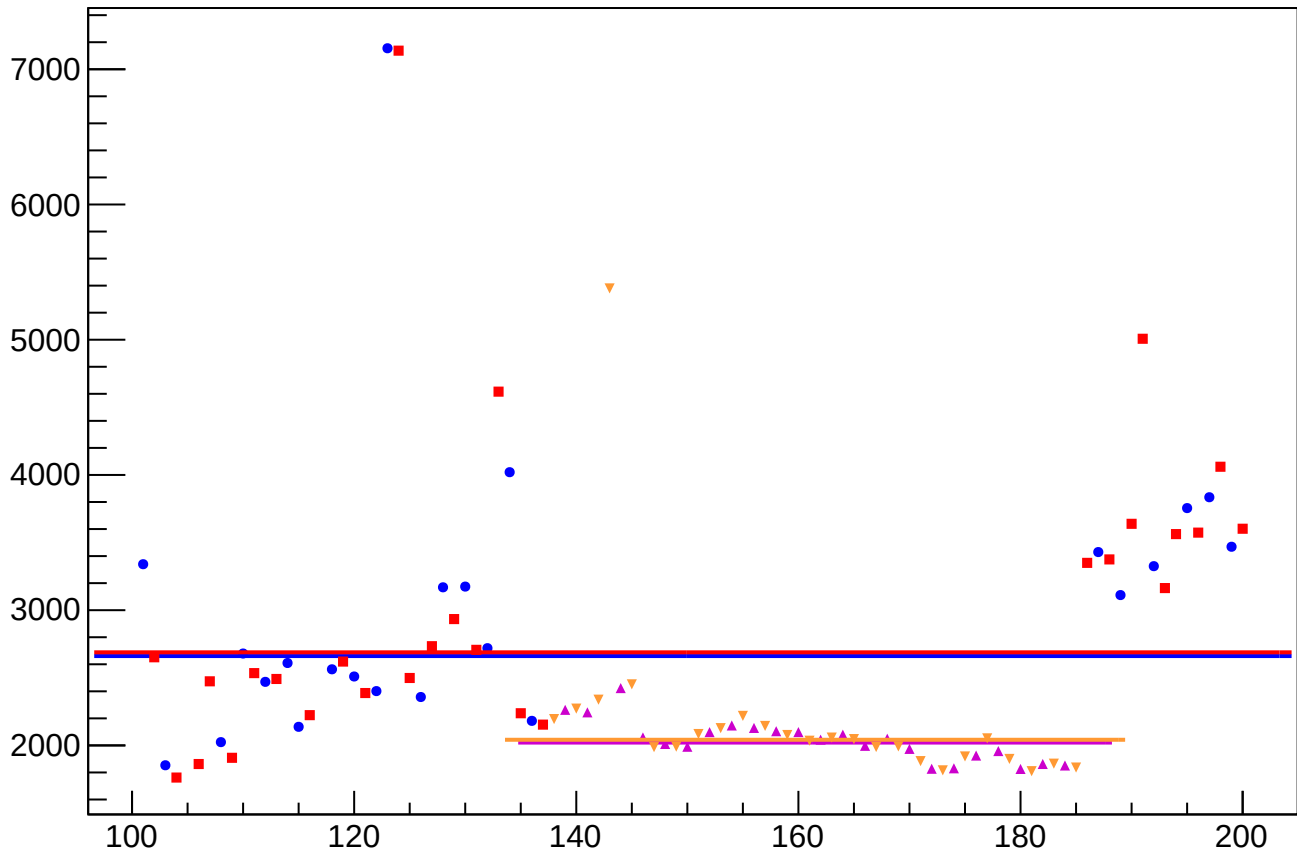
Left In: -366.243 ± 483.092 χ^2/NDF : 20.5/22

+ sign -327.994 ± 419.744 χ^2/NDF : 61.6/47

All: -420.494 ± 293.835 χ^2/NDF : 102.3/97

- sign -509.383 ± 411.470 χ^2/NDF : 40.6/49

asym_at2_dd_rms vs Slug



Right In: 2660.797+/-0.605 χ^2/NDF : 1028859.3/22

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

+ sign 2190.640+/-0.297 χ^2/NDF : 2530185.5/47

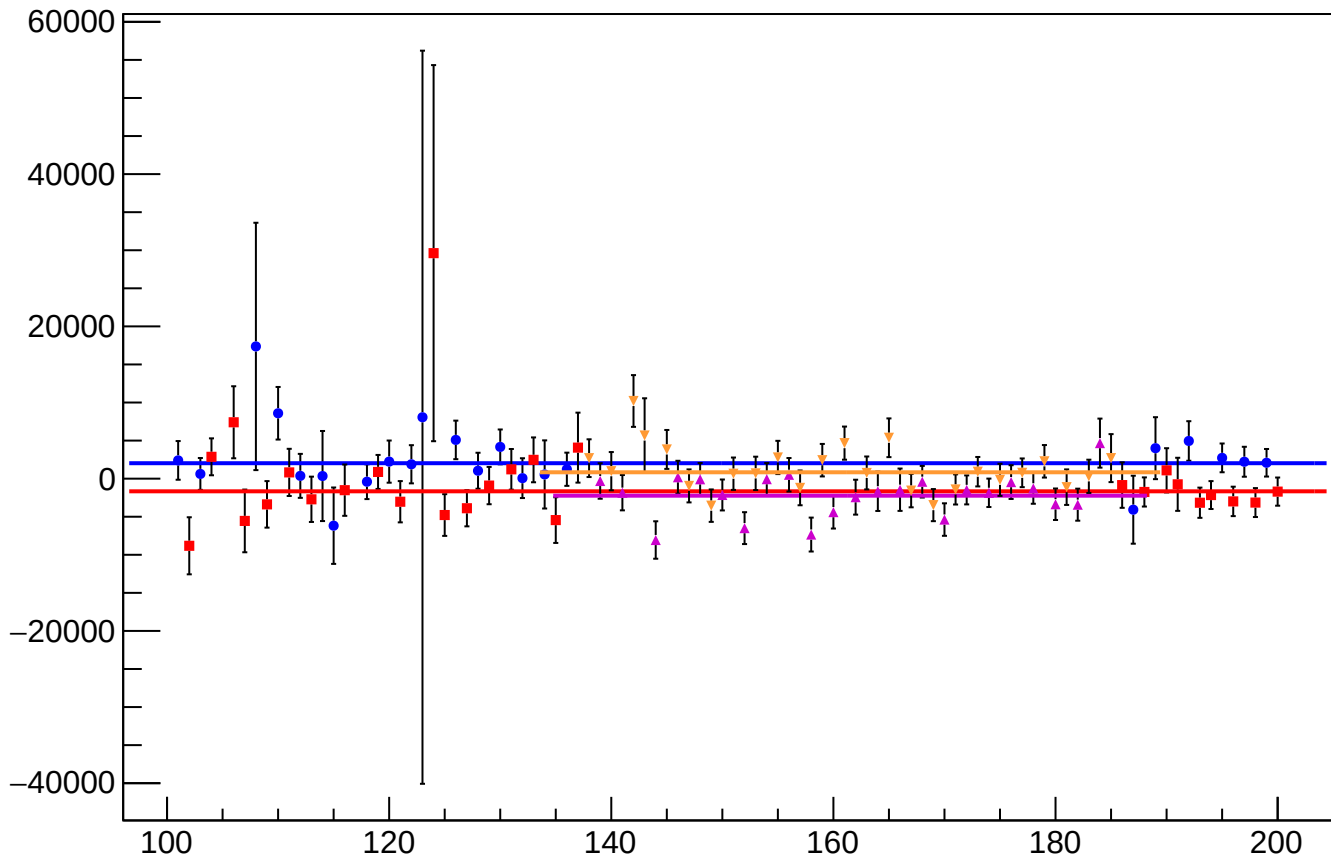
Right Out: 2688.378+/-0.555 χ^2/NDF : 1628905.1/26

All: 2197.589+/-0.208 χ^2/NDF : 5386568.1/97

- sign 2204.266+/-0.291 χ^2/NDF : 2855307.7/49

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

dit_asym_atl_avg_mean vs Slug



Right In: 2028.937 $\pm$ 561.081 χ^2 /NDF: 16.1/22

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

Right Out: -1662.499 $\pm$ 502.451 χ^2 /NDF: 27.3/26

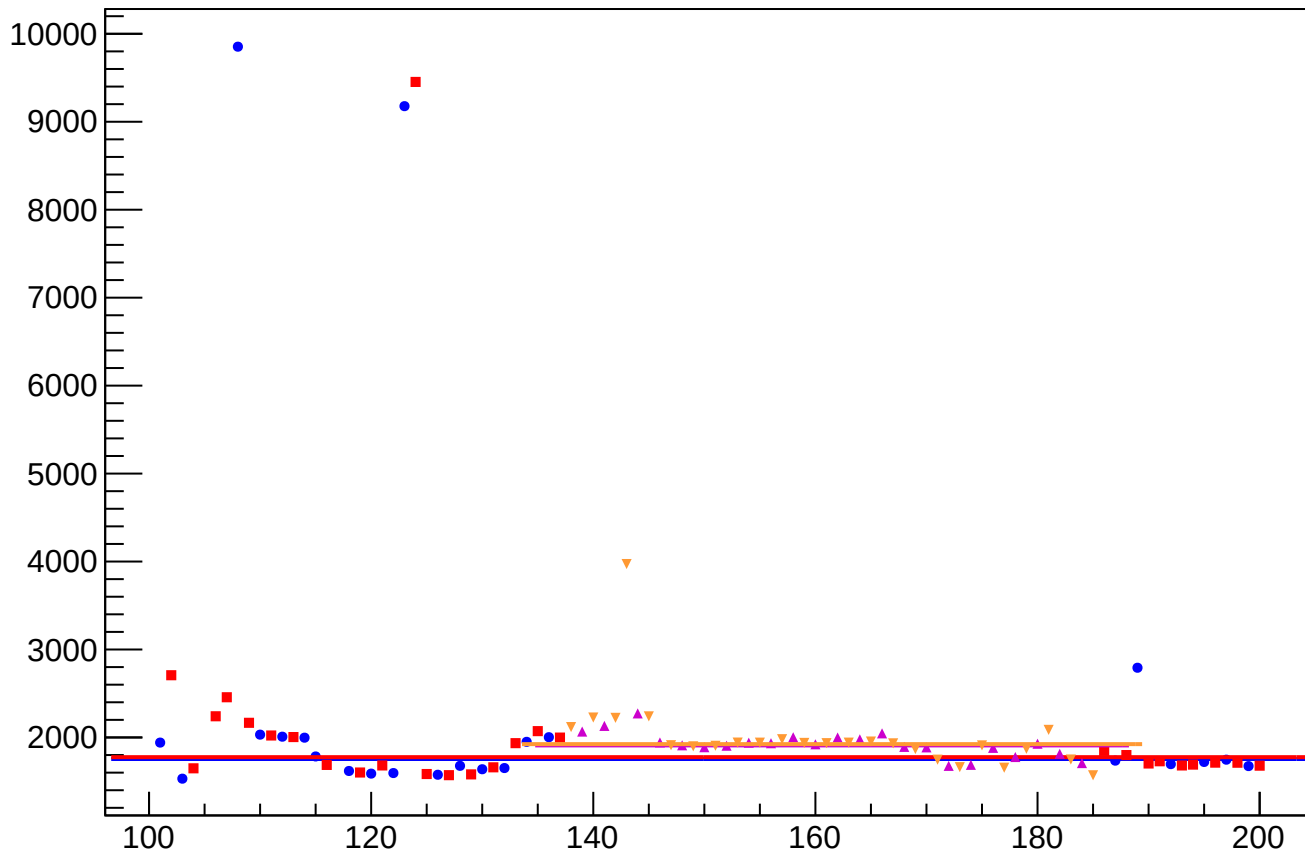
Left In: -2235.652 $\pm$ 457.720 χ^2 /NDF:31.0/22

+ sign 1309.502 $\pm$ 353.169 χ^2 /NDF: 51.1/47

All: -403.391 $\pm$ 244.327 χ^2 /NDF: 155.2/97

- sign -1975.719 $\pm$ 338.368 χ^2 /NDF: 58.9/49

dit_asym_atl_avg_rms vs Slug



Right In: 1755.066+/-0.397 χ^2/NDF : 818431.1/22

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

Right Out: 1775.919+/-0.355 χ^2/NDF : 564160.1/26

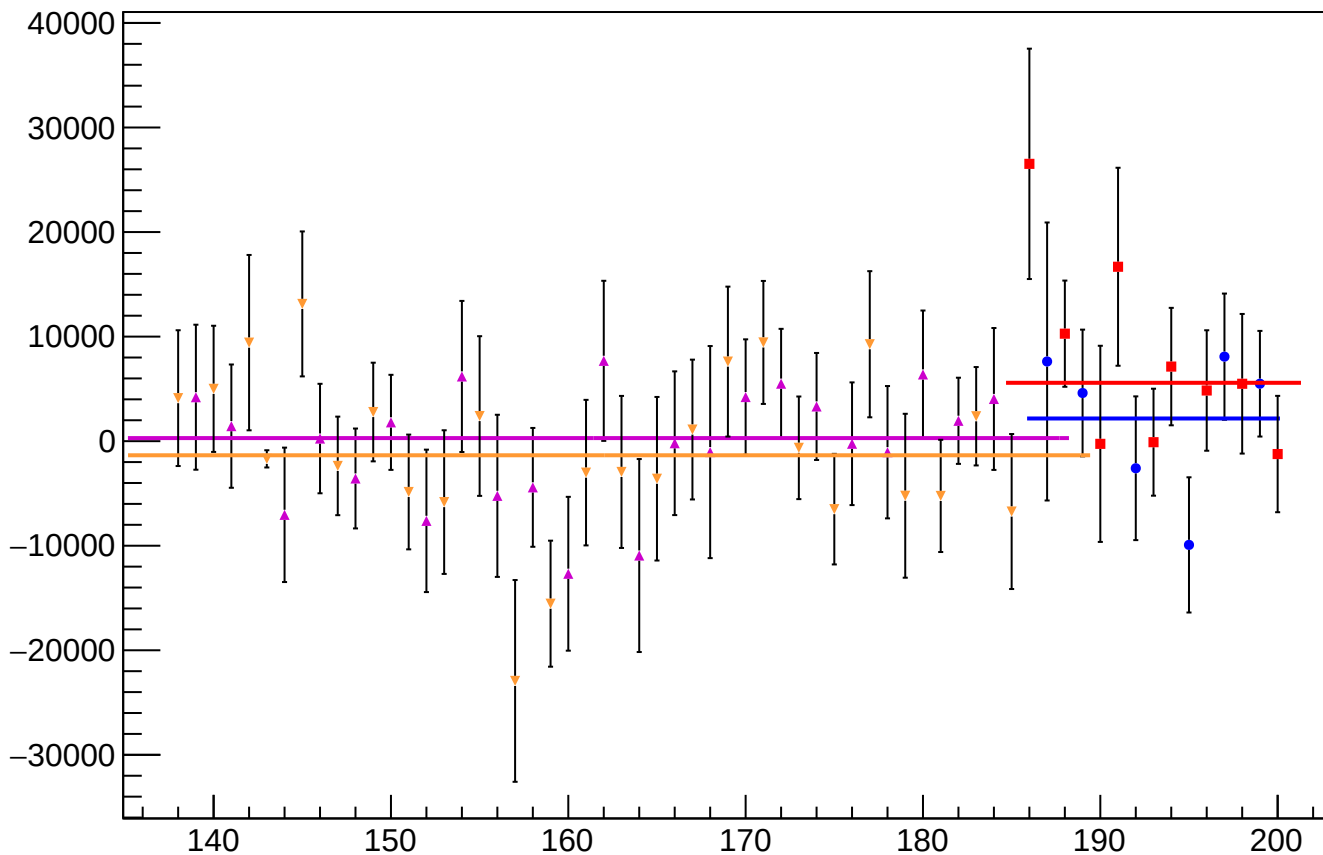
Left In: 1909.656+/-0.324 χ^2/NDF : 164475.5/22

+ sign 1857.115+/-0.250 χ^2/NDF : 1511943.4/47

All: 1852.864+/-0.173 χ^2/NDF : 2318619.3/97

- sign 1848.964+/-0.239 χ^2/NDF : 806120.4/49

asym_atl_avg_correction_mean vs Slug



Right In: 2169.239 $\pm$ 2629.648 χ^2 /NDF: 5.7/5

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

Right Out: 5582.034 $\pm$ 2111.522 χ^2 /NDF: 9.1/8

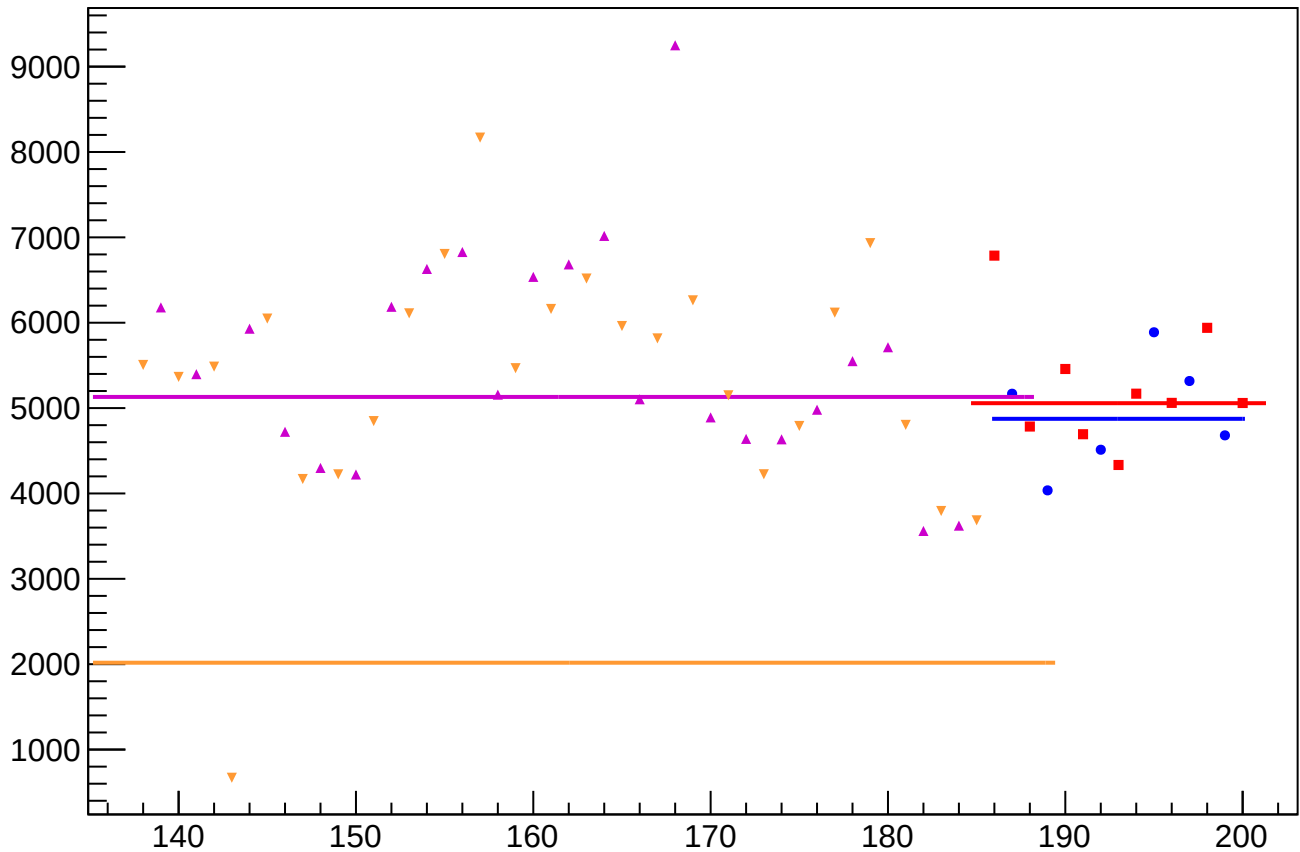
Left In: 294.047 $\pm$ 1252.274 χ^2 /NDF:14.5/22

+ sign -1122.515 $\pm$ 668.003 χ^2 /NDF: 38.3/30

All: -346.786 $\pm$ 567.689 χ^2 /NDF: 71.4/62

- sign 1670.015 $\pm$ 1077.096 χ^2 /NDF: 28.2/31

asym_atl_avg_correction_rms vs Slug



Right In: 4874.359+/-1.859 χ^2/NDF : 107669.1/5

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

Right Out: 5057.436+/-1.493 χ^2/NDF : 137414.4/8

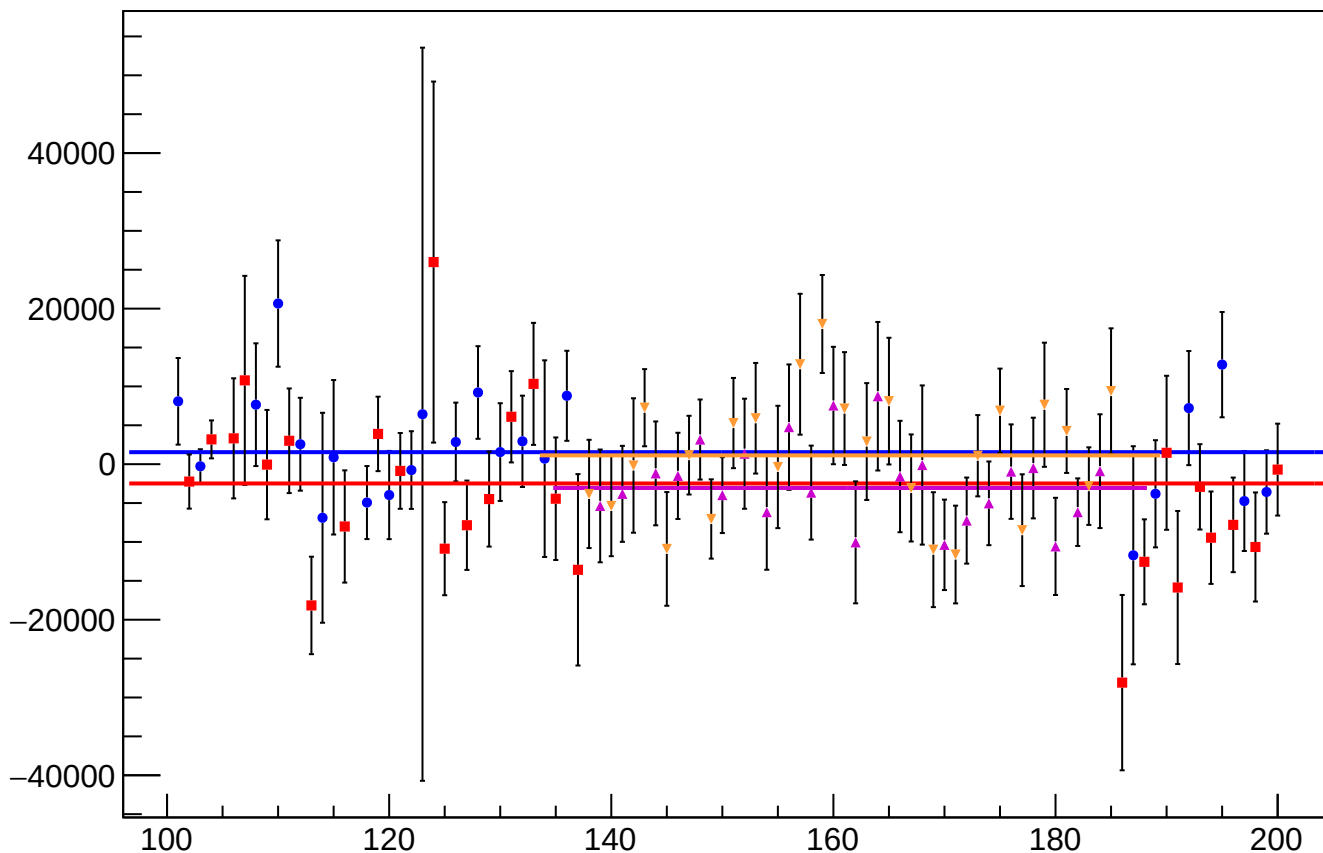
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

+ sign 2201.614+/-0.472 χ^2/NDF : 21476026.1/30

All: 3009.993+/-0.401 χ^2/NDF : 33648689.7/6

- sign 5111.678+/-0.762 χ^2/NDF : 1629011.5/31

asym_atl_avg_mean vs Slug



Right In: 1543.138 $\pm$ 1181.671 χ^2 /NDF: 21.8/22

Left Out: 1132.501 $\pm$ 1280.211 χ^2 /NDF:32.5/24

Right Out: -2481.565 $\pm$ 1118.037 χ^2 /NDF: 40.8/26

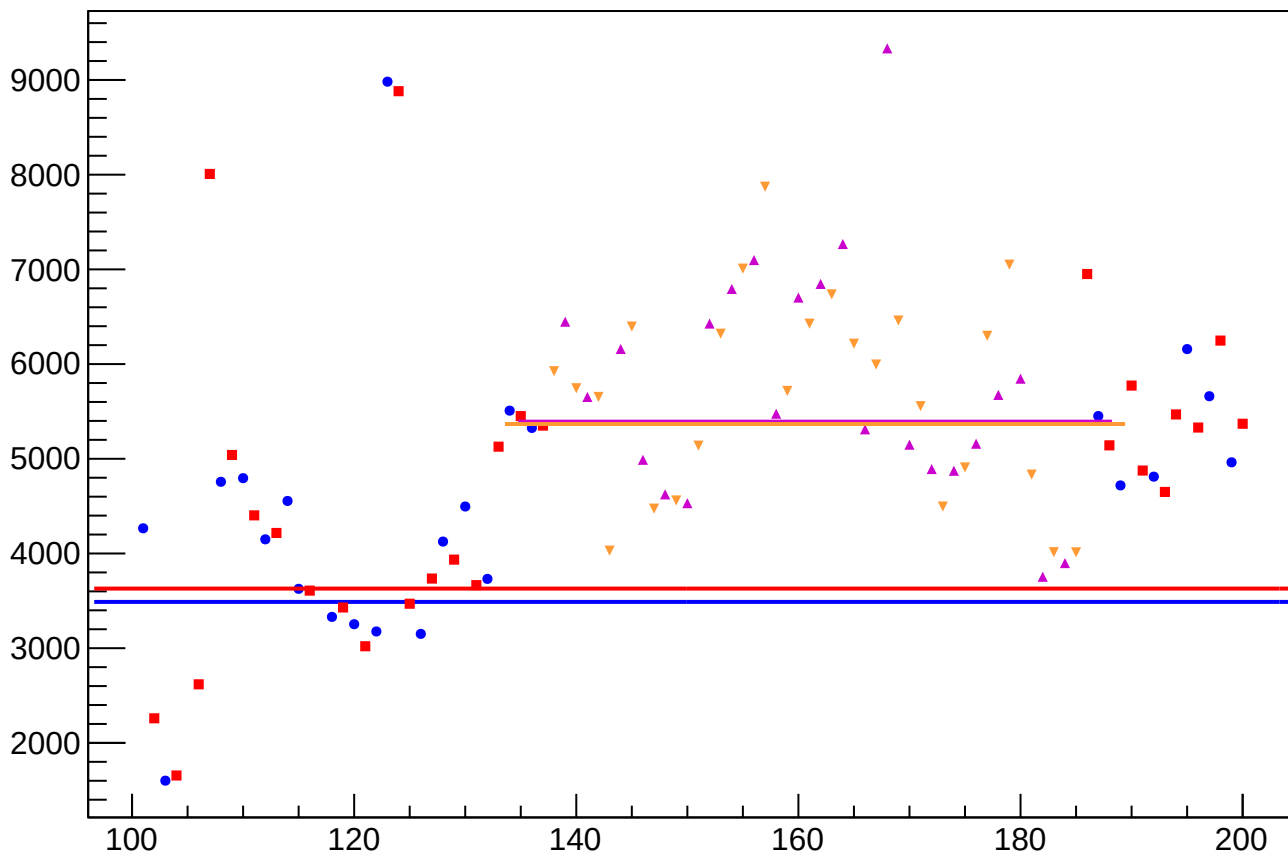
Left In: -3061.439 $\pm$ 1313.197 χ^2 /NDF:12.3/22

+ sign 1354.230 $\pm$ 868.317 χ^2 /NDF: 54.3/47

All: -725.891 $\pm$ 607.885 χ^2 /NDF: 118.8/97

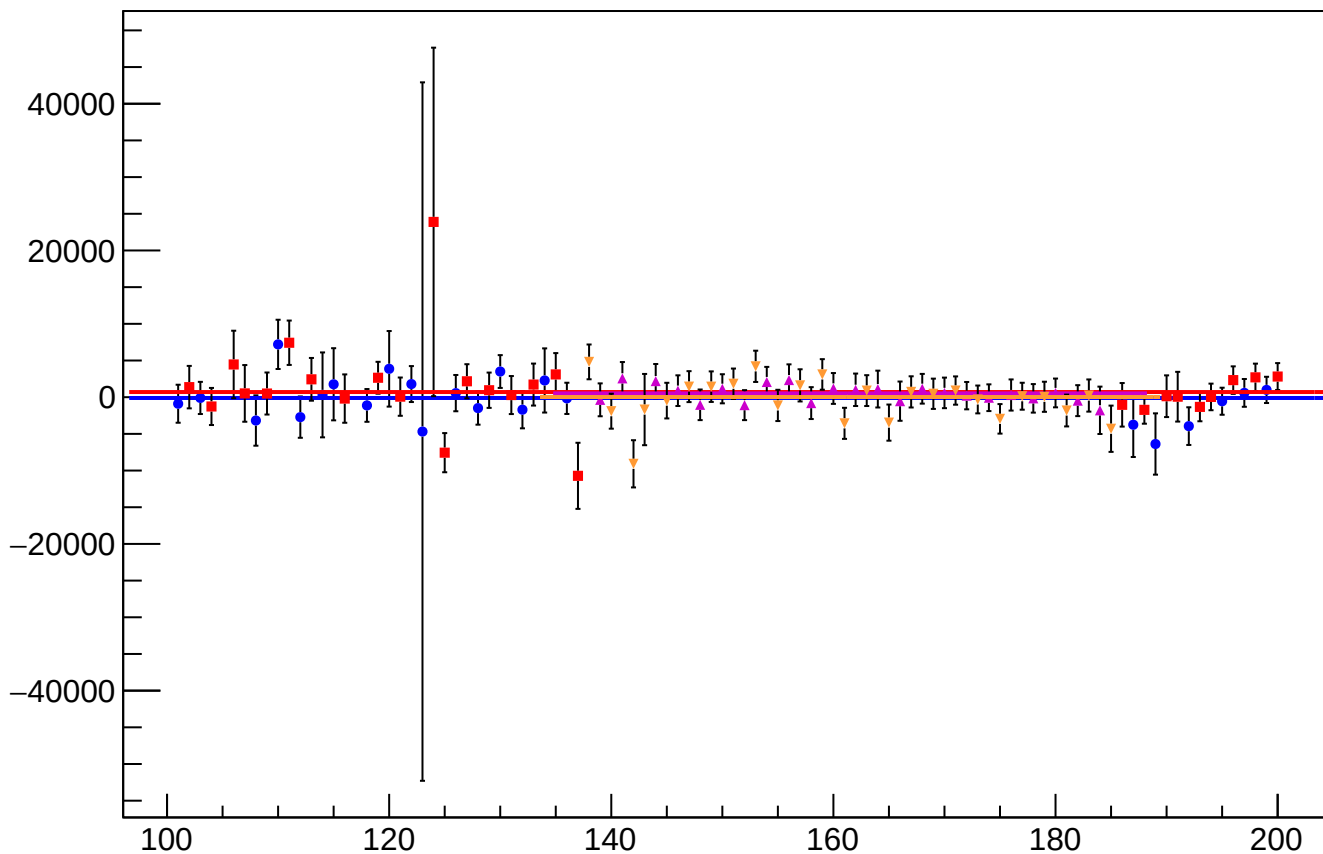
- sign -2725.252 $\pm$ 851.294 χ^2 /NDF: 53.2/49

asym_atl_avg_rms vs Slug



Right In: 3488.752+/-0.836	χ^2/NDF : 2906227.3/22	+ sign 4352.787+/-0.614	χ^2/NDF : 6444174.5/47
Left Out: 5366.944+/-0.905	χ^2/NDF : 1213541.3/24		
Right Out: 3629.396+/-0.782	χ^2/NDF : 3711641.4/26	All: 4356.812+/-0.428	χ^2/NDF : 13584605.6/9
Left In: 5391.987+/-0.929	χ^2/NDF : 1320415.5/22	- sign 4360.631+/-0.598	χ^2/NDF : 7140347.3/49

dit_asym_atl_dd_mean vs Slug



Right In: -108.021 ± 553.302 χ^2/NDF : 17.5/22

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

Right Out: 701.981 ± 489.904 χ^2/NDF : 32.3/26

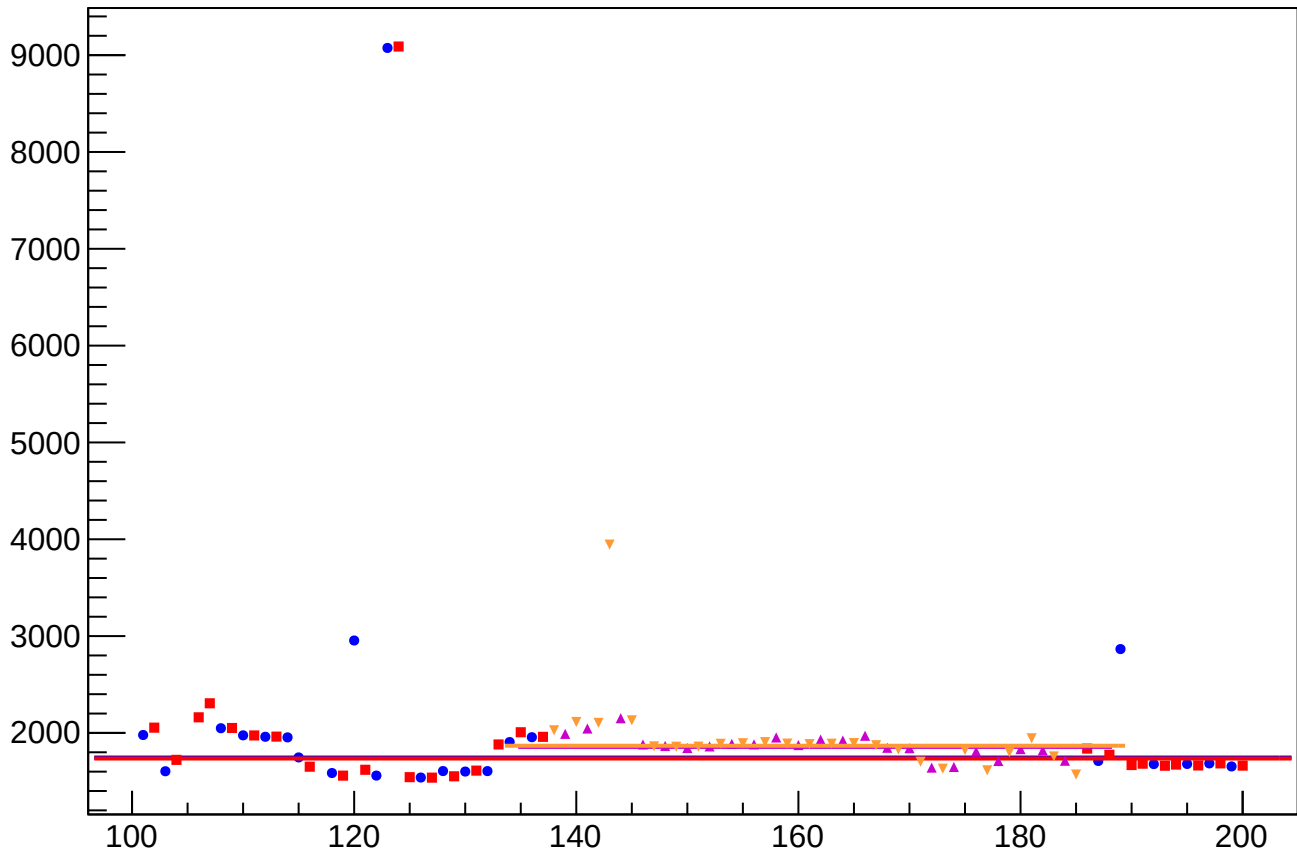
Left In: 514.693 ± 444.402 χ^2/NDF : 5.9/22

+ sign -27.630 ± 344.730 χ^2/NDF : 49.2/47

All: 300.285 ± 238.063 χ^2/NDF : 89.3/97

- sign 599.237 ± 329.154 χ^2/NDF : 38.3/49

dit_asym_atl_dd_rms vs Slug



Right In: 1745.691+/-0.391 χ^2/NDF : 456248.7/22

Left Out: 1867.539+/-0.312 χ^2/NDF : 545343.0/24

Right Out: 1735.673+/-0.346 χ^2/NDF : 432695.7/26

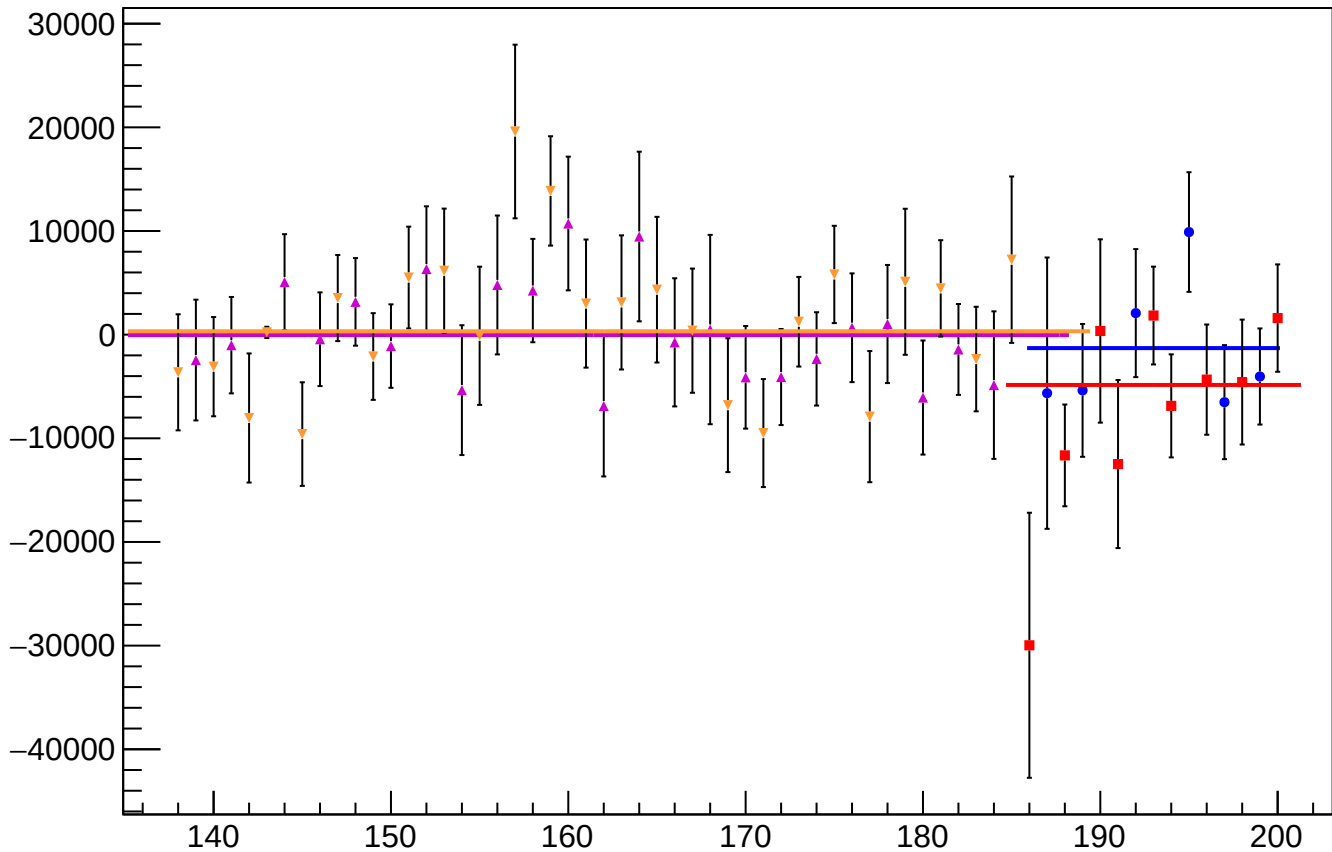
Left In: 1855.480+/-0.314 χ^2/NDF : 136219.4/22

+ sign 1820.240+/-0.244 χ^2/NDF : 1060935.0/47

All: 1810.355+/-0.168 χ^2/NDF : 1698667.8/97

- sign 1801.349+/-0.233 χ^2/NDF : 634590.0/49

asym_atl_dd_correction_mean vs Slug



Right In: -1297.766 ± 2454.530 χ^2/NDF : 5.8/5

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

Right Out: -4851.888 ± 1956.434 χ^2/NDF : 10.8/8

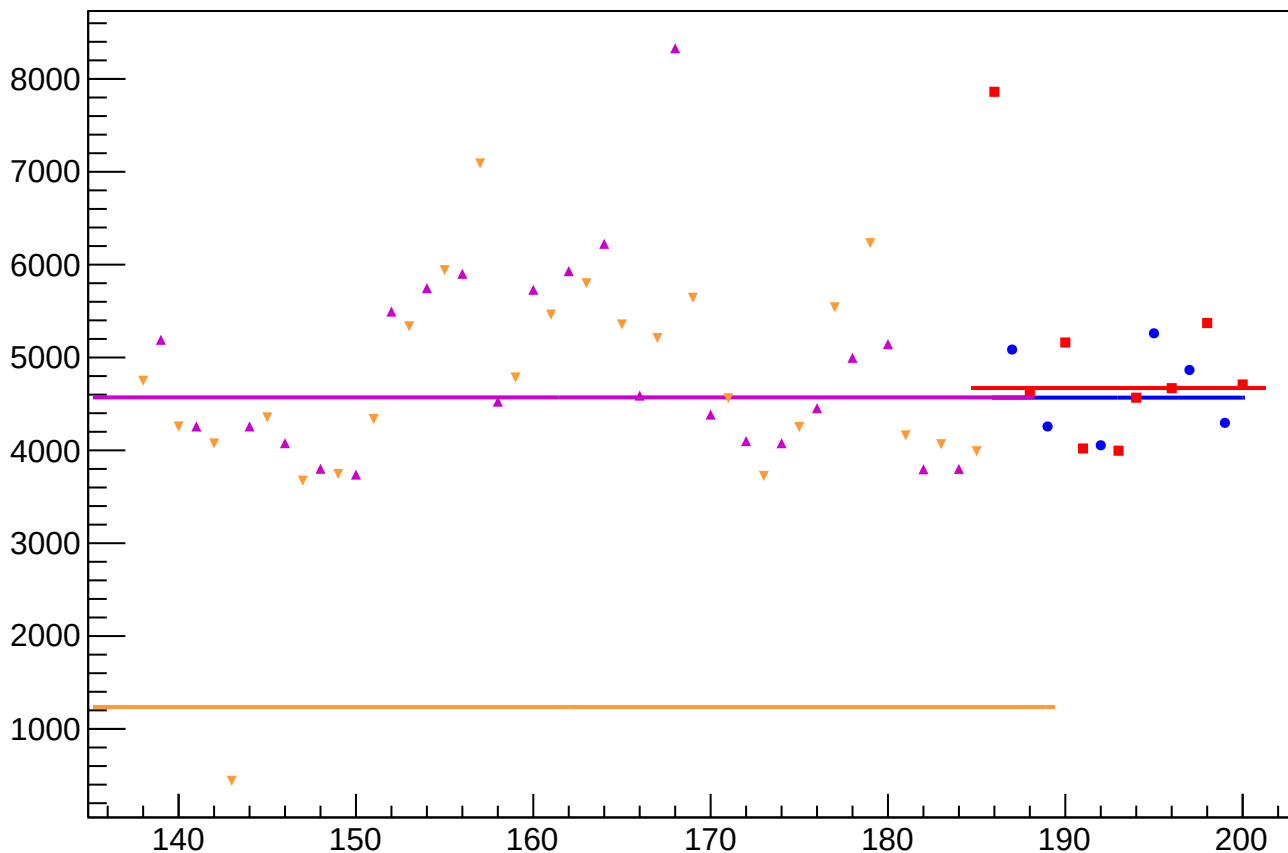
Left In: -40.142 ± 1109.747 χ^2/NDF : 13.9/22

+ sign 263.366 ± 478.857 χ^2/NDF : 38.8/30

All: -27.905 ± 428.973 χ^2/NDF : 69.8/62

- sign -1211.450 ± 965.271 χ^2/NDF : 29.2/31

asym_atl_dd_correction_rms vs Slug



Right In: 4567.846 $\pm$ 1.736 χ^2 /NDF: 63184.5/5

Left Out: 1236.170 $\pm$ 0.345 χ^2 /NDF: 23395886.7/24

Right Out: 4671.357 $\pm$ 1.383 χ^2 /NDF: 212690.7/8

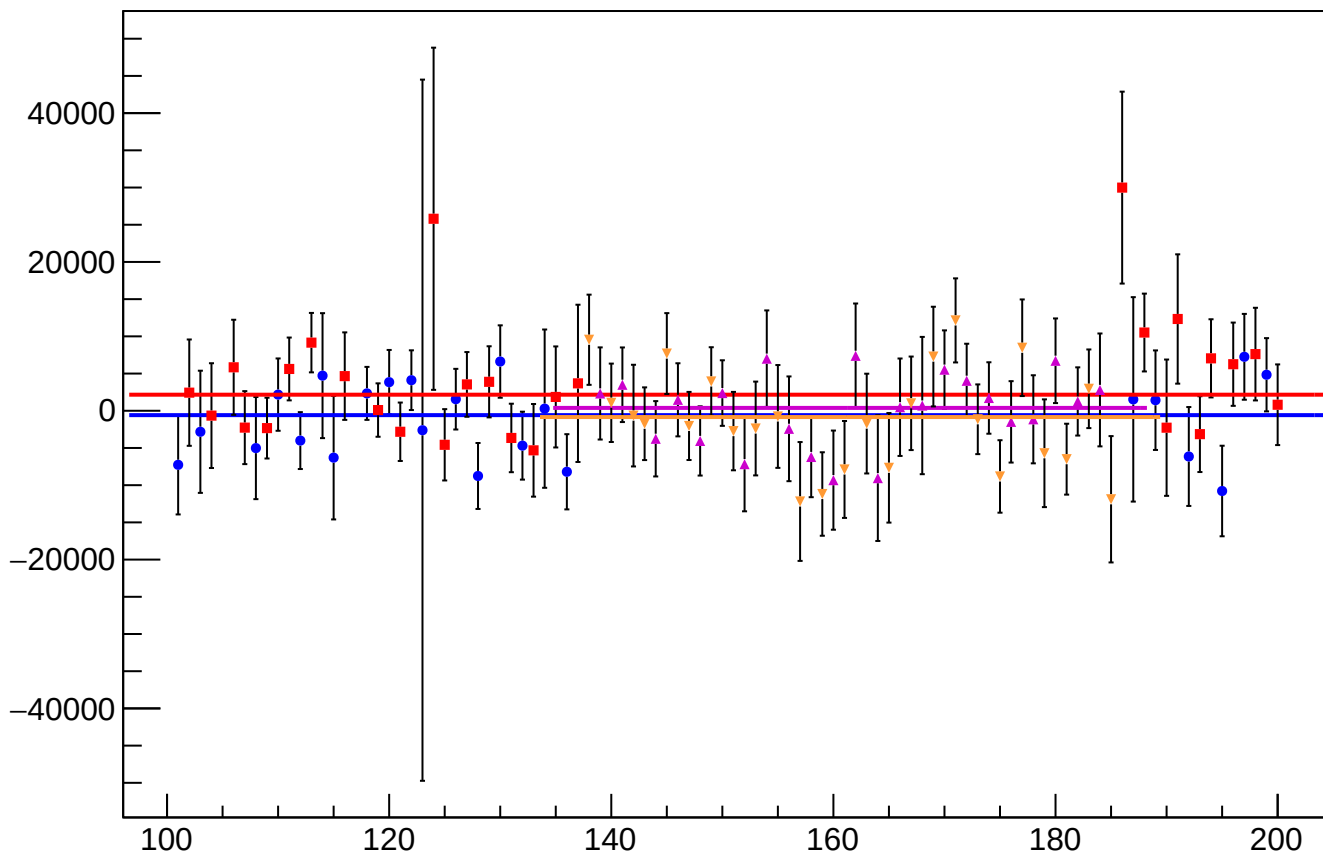
Left In: 4570.398 $\pm$ 0.785 χ^2 /NDF: 1145211.6/22

+ sign 1362.976 $\pm$ 0.339 χ^2 /NDF: 27003667.7/30

All: 2001.285 $\pm$ 0.303 χ^2 /NDF: 46359287.4/6

- sign 4594.974 $\pm$ 0.683 χ^2 /NDF: 1361931.7/31

asym_atl_dd_mean vs Slug



Right In: -586.679 ± 1124.364 χ^2/NDF : 22.2/22

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

Right Out: 2160.184 ± 1033.530 χ^2/NDF : 26.8/26

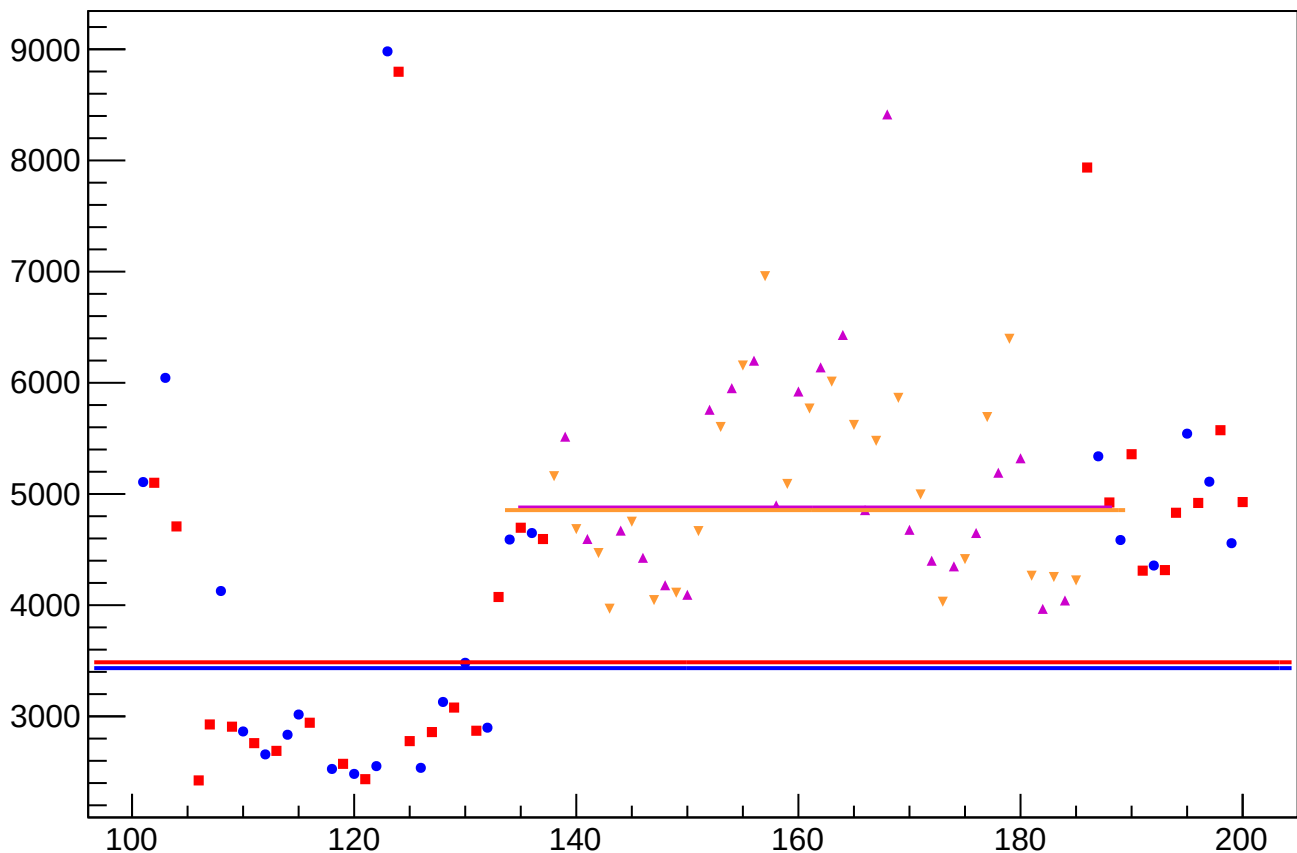
Left In: 385.098 ± 1181.458 χ^2/NDF : 13.9/22

+ sign -712.836 ± 804.869 χ^2/NDF : 52.3/47

All: 374.757 ± 559.346 χ^2/NDF : 97.8/97

- sign 1390.664 ± 777.891 χ^2/NDF : 42.0/49

asym_atl_dd_rms vs Slug



Right In: 3433.612 $\pm$ 0.795 χ^2 /NDF: 1747955.7/22

Left Out: 4854.932 $\pm$ 0.815 χ^2 /NDF:895557.4/24

Right Out: 3486.293 $\pm$ 0.724 χ^2 /NDF: 2271528.2/26

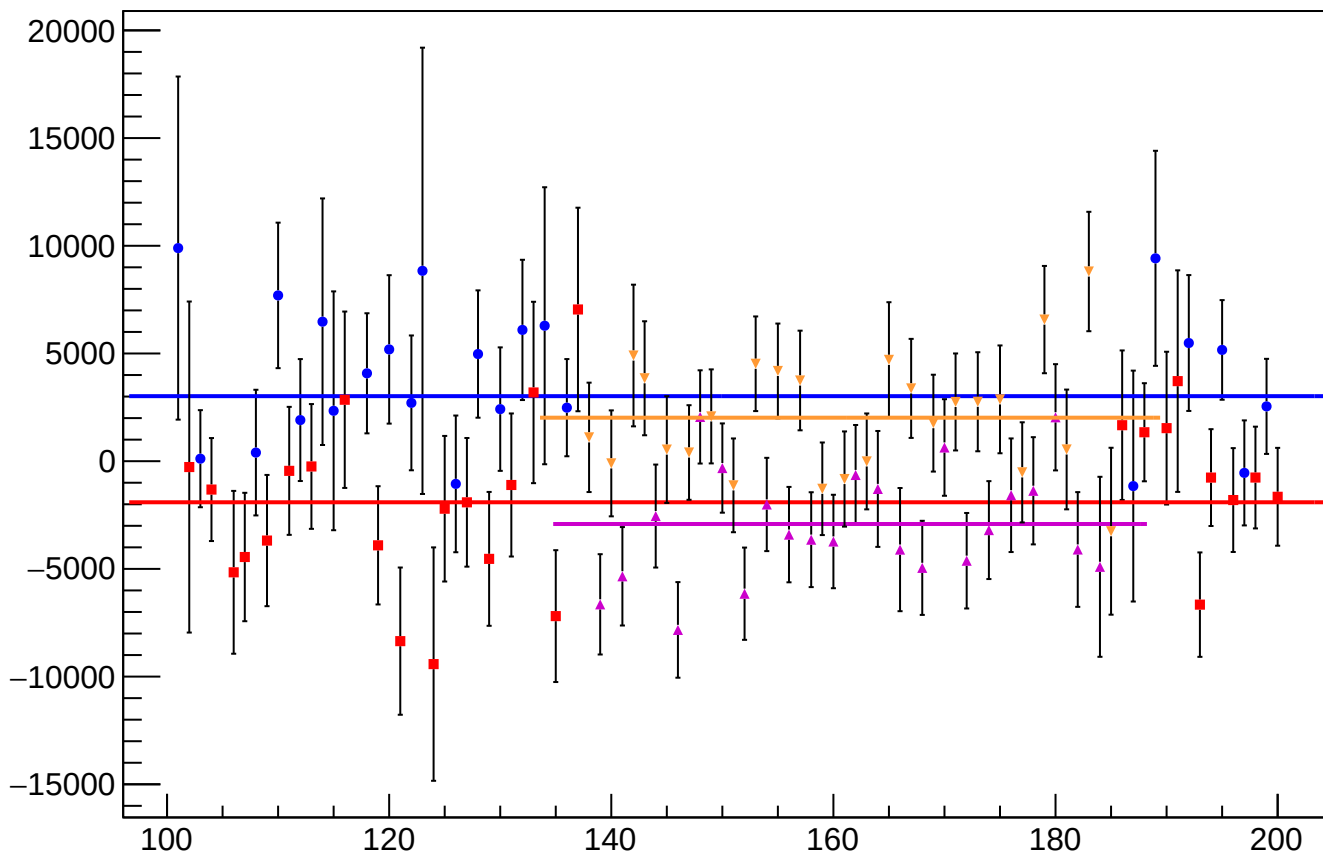
Left In: 4878.261 $\pm$ 0.835 χ^2 /NDF:965222.2/22

+ sign 4126.600 $\pm$ 0.569 χ^2 /NDF: 4201760.8/47

All: 4104.077 $\pm$ 0.394 χ^2 /NDF: 9027103.4/97

- sign 4083.265 $\pm$ 0.547 χ^2 /NDF: 4822329.4/49

dit_asym_atr_avg_mean vs Slug



Right In: 3018.948 $\pm$ 657.007 χ^2 /NDF: 15.8/22

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

Right Out: -1907.410 $\pm$ 583.682 χ^2 /NDF: 28.3/26

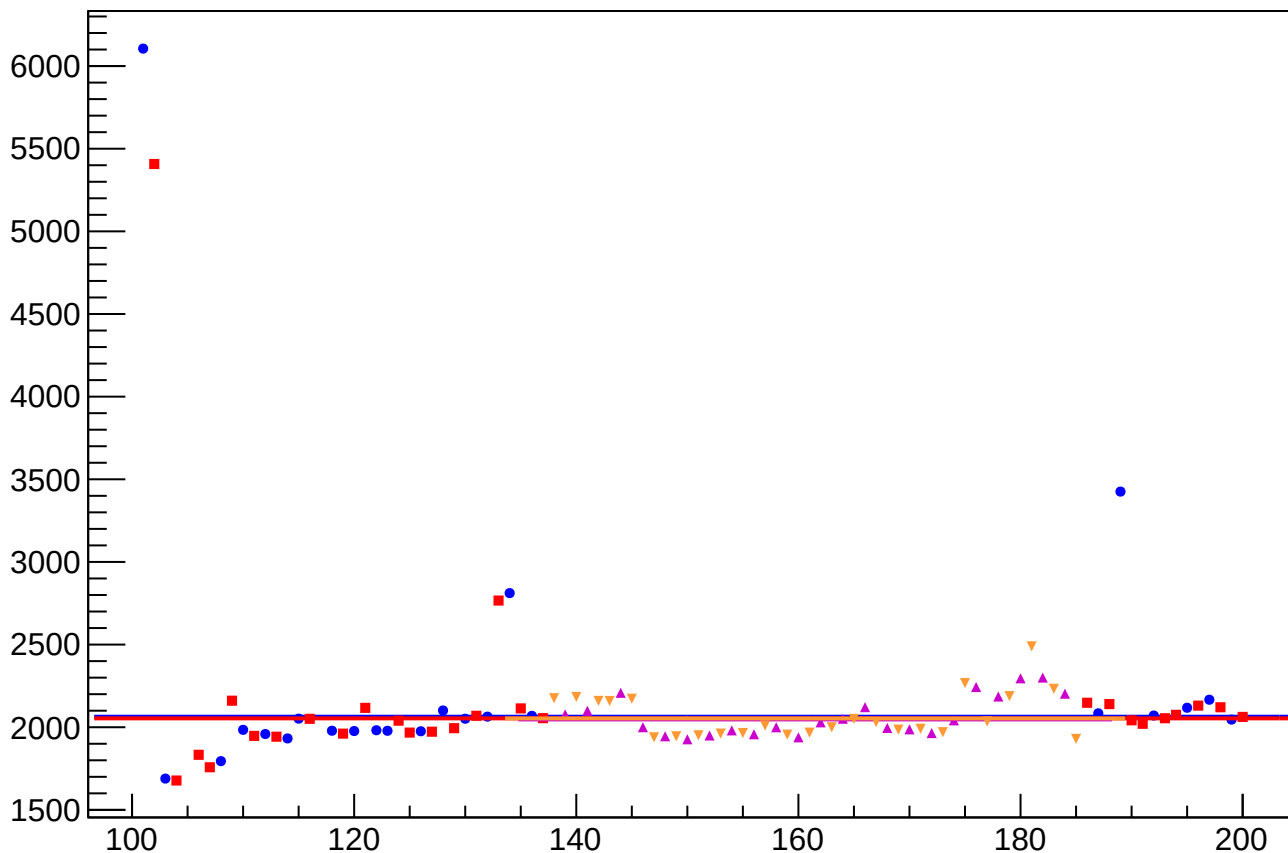
Left In: -2916.079 $\pm$ 489.445 χ^2 /NDF: 28.8/22

+ sign 2368.466 $\pm$ 388.286 χ^2 /NDF: 44.4/47

All: -150.047 $\pm$ 269.754 χ^2 /NDF: 184.6/97

- sign -2499.643 $\pm$ 375.039 χ^2 /NDF: 58.8/49

dit_asym_atr_avg_rms vs Slug



Right In: 2063.541 $\pm$ 0.465 χ^2 /NDF: 779525.7/22

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

Right Out: 2053.645 $\pm$ 0.413 χ^2 /NDF: 538154.5/26

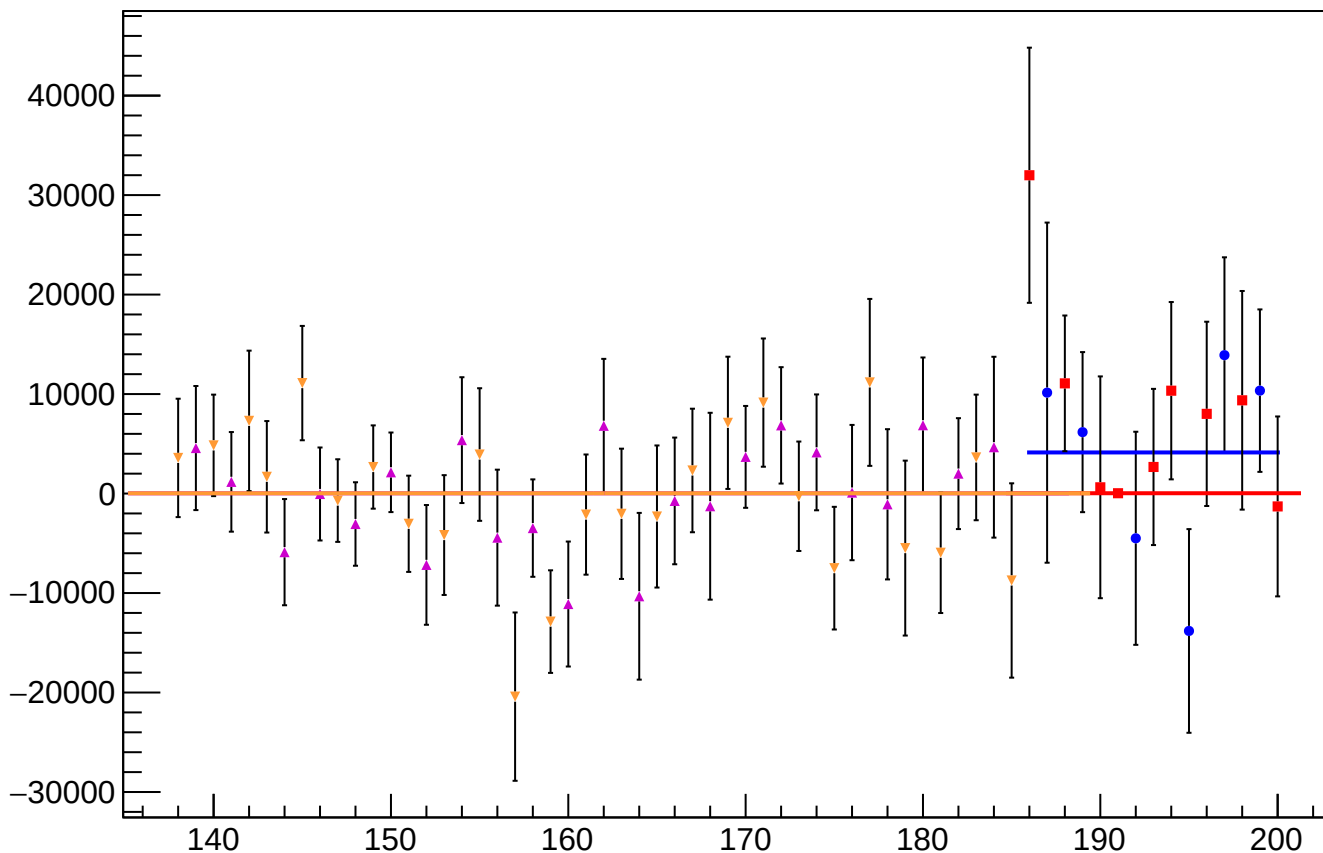
Left In: 2047.277 $\pm$ 0.346 χ^2 /NDF:103001.2/22

+ sign 2056.874 $\pm$ 0.275 χ^2 /NDF: 916730.3/47

All: 2053.269 $\pm$ 0.191 χ^2 /NDF: 1558358.9/97

- sign 2049.907 $\pm$ 0.265 χ^2 /NDF: 641295.4/49

asym_atr_avg_correction_mean vs Slug



Right In: 4131.413 $\pm$ 4000.845 χ^2 /NDF: 5.5/5

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

Right Out: 31.768 $\pm$ 15.145 χ^2 /NDF: 11.8/8

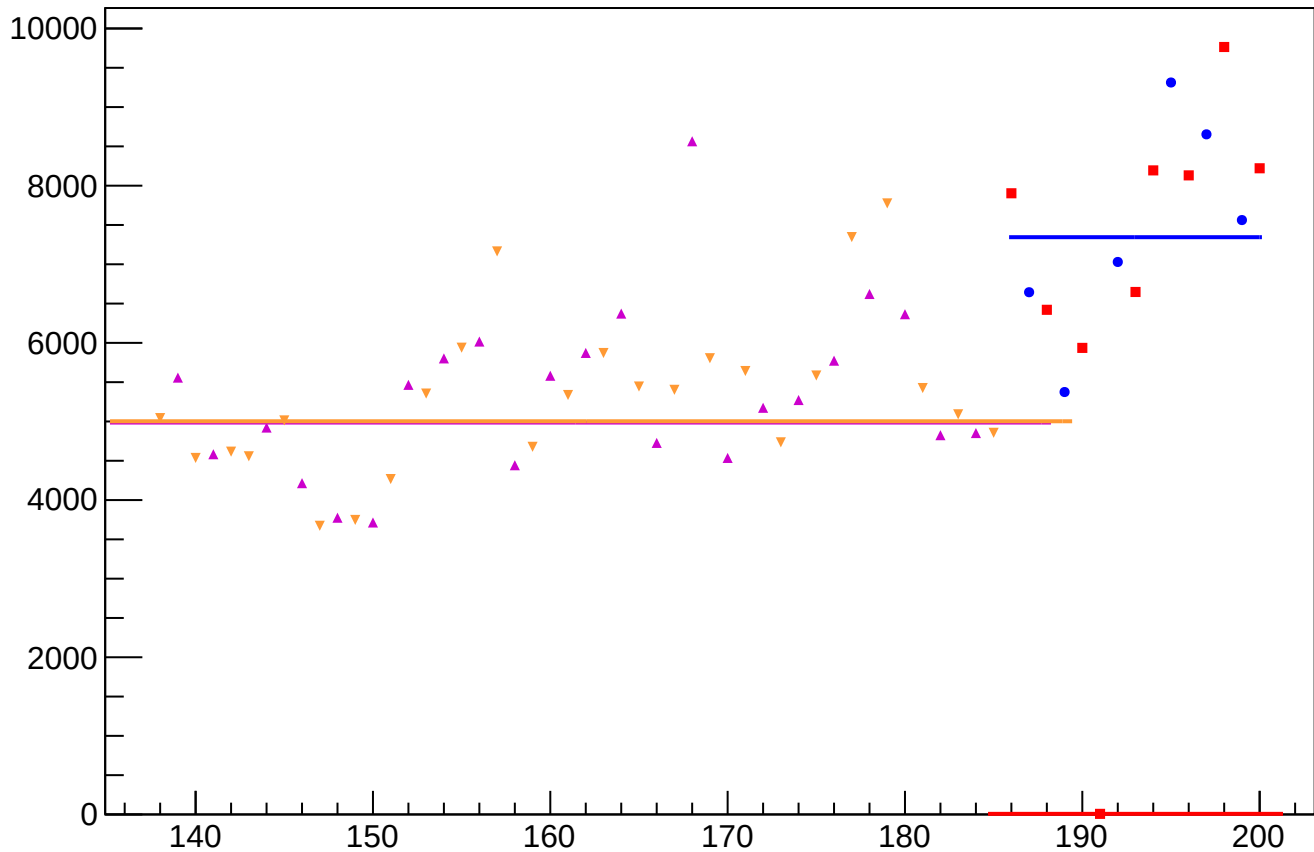
Left In: 23.765 $\pm$ 1211.652 χ^2 /NDF:15.2/22

+ sign 362.046 $\pm$ 1144.686 χ^2 /NDF: 35.7/30

All: 31.824 $\pm$ 15.142 χ^2 /NDF: 62.7/62

- sign 31.767 $\pm$ 15.144 χ^2 /NDF: 27.0/31

asym_atr_avg_correction_rms vs Slug



Right In: 7344.601 $\pm$ 2.829 χ^2 /NDF: 235783.6/5

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

Right Out: 7.672 $\pm$ 0.011 χ^2 /NDF: 10976981.7/8

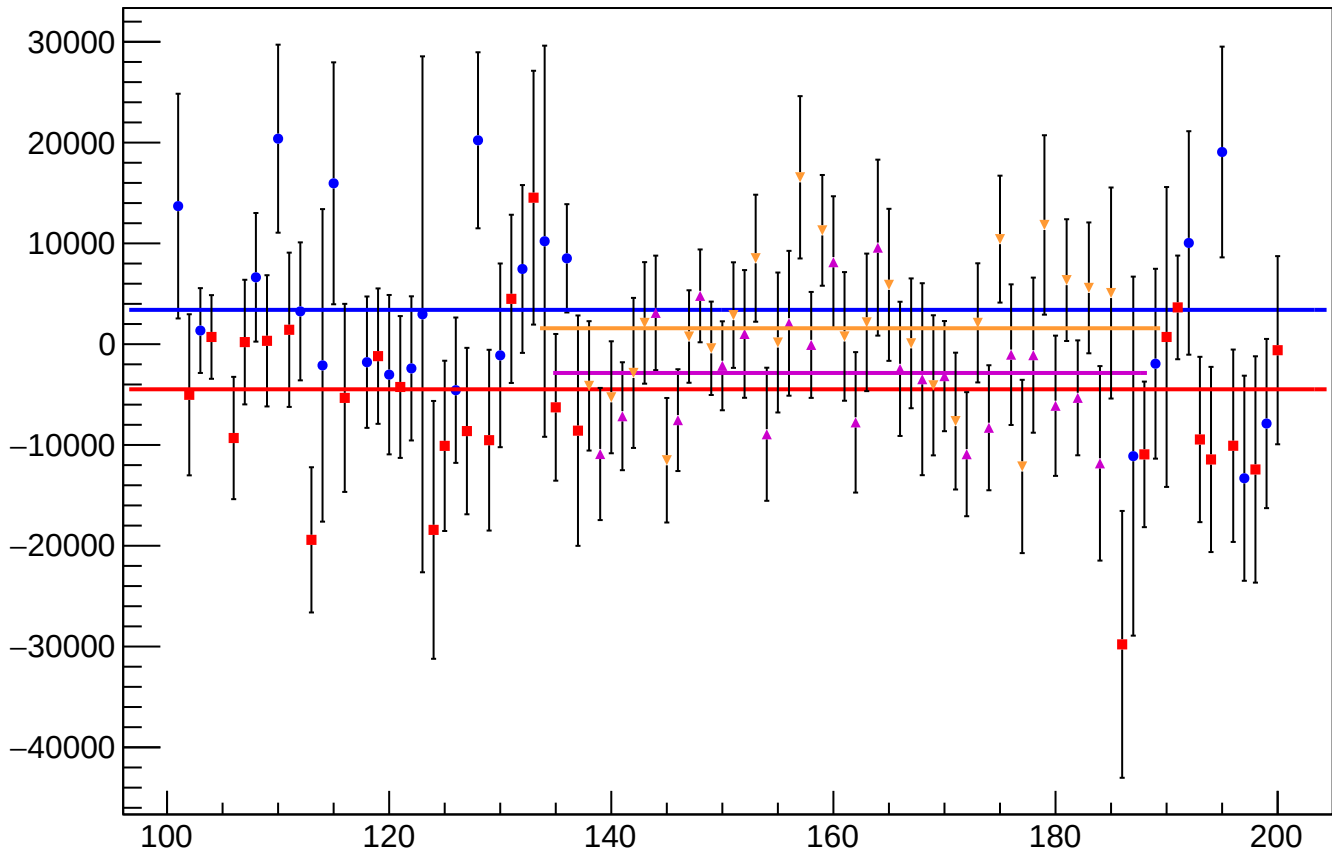
Left In: 4986.169 $\pm$ 0.857 χ^2 /NDF:1197602.7/22

+ sign 5194.277 $\pm$ 0.809 χ^2 /NDF: 2010633.5/30

All: 9.357 $\pm$ 0.011 χ^2 /NDF: 88986232.1/62

- sign 8.450 $\pm$ 0.011 χ^2 /NDF: 45934621.5/31

asym_atr_avg_mean vs Slug



Right In: 3404.581 $\pm$ 1701.786 χ^2 /NDF: 22.4/22

Left Out: 1580.515 $\pm$ 1266.098 χ^2 /NDF: 25.2/24

Right Out: -4476.675 $\pm$ 1475.170 χ^2 /NDF: 23.3/26

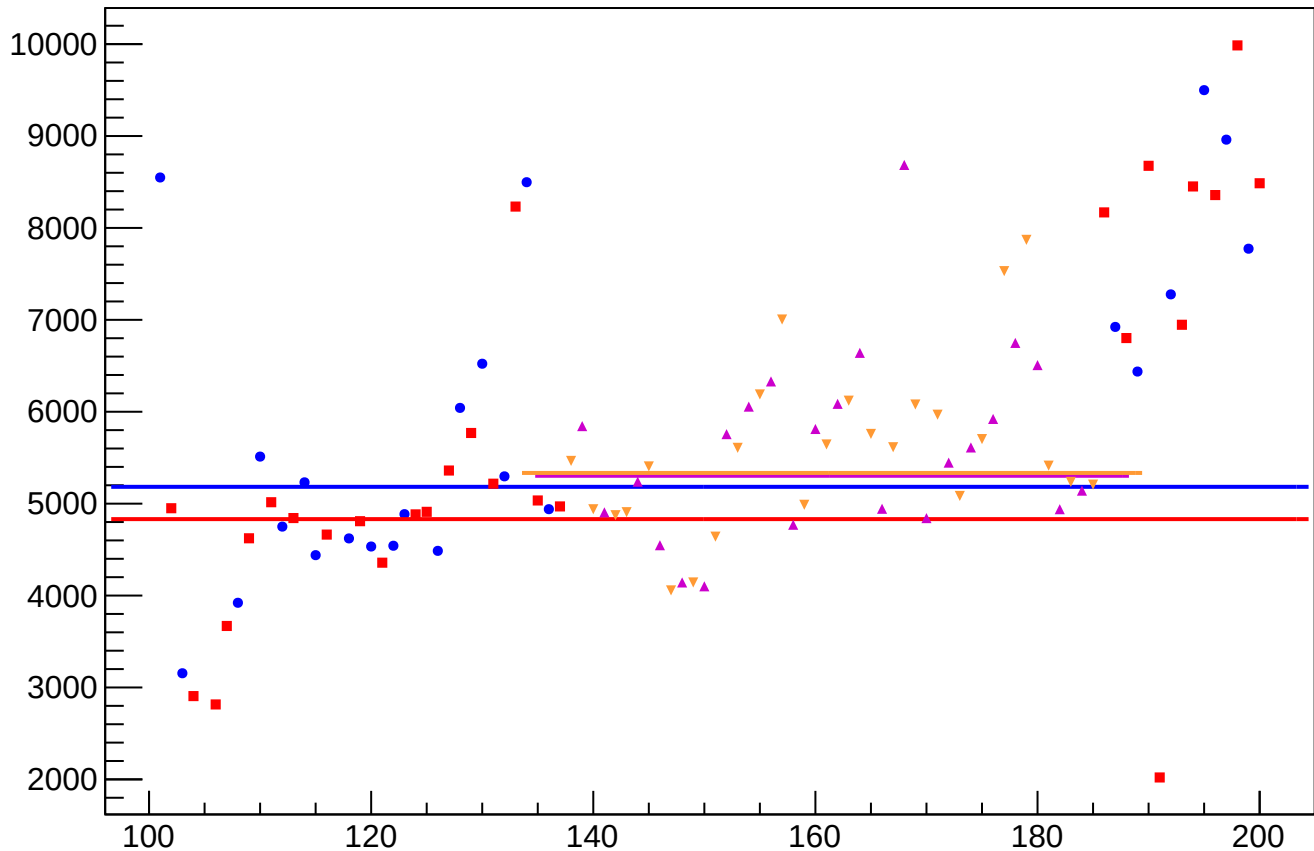
Left In: -2856.480 $\pm$ 1284.131 χ^2 /NDF: 18.1/22

+ sign 2230.422 $\pm$ 1015.805 χ^2 /NDF: 48.3/47

All: -799.906 $\pm$ 700.985 χ^2 /NDF: 107.4/97

- sign -3554.939 $\pm$ 968.565 χ^2 /NDF: 42.1/49

asym_atr_avg_rms vs Slug



Right In: 5183.123+/-1.203 χ^2/NDF : 1864888.2/22

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

Right Out: 4831.721+/-1.039 χ^2/NDF : 3400631.2/26

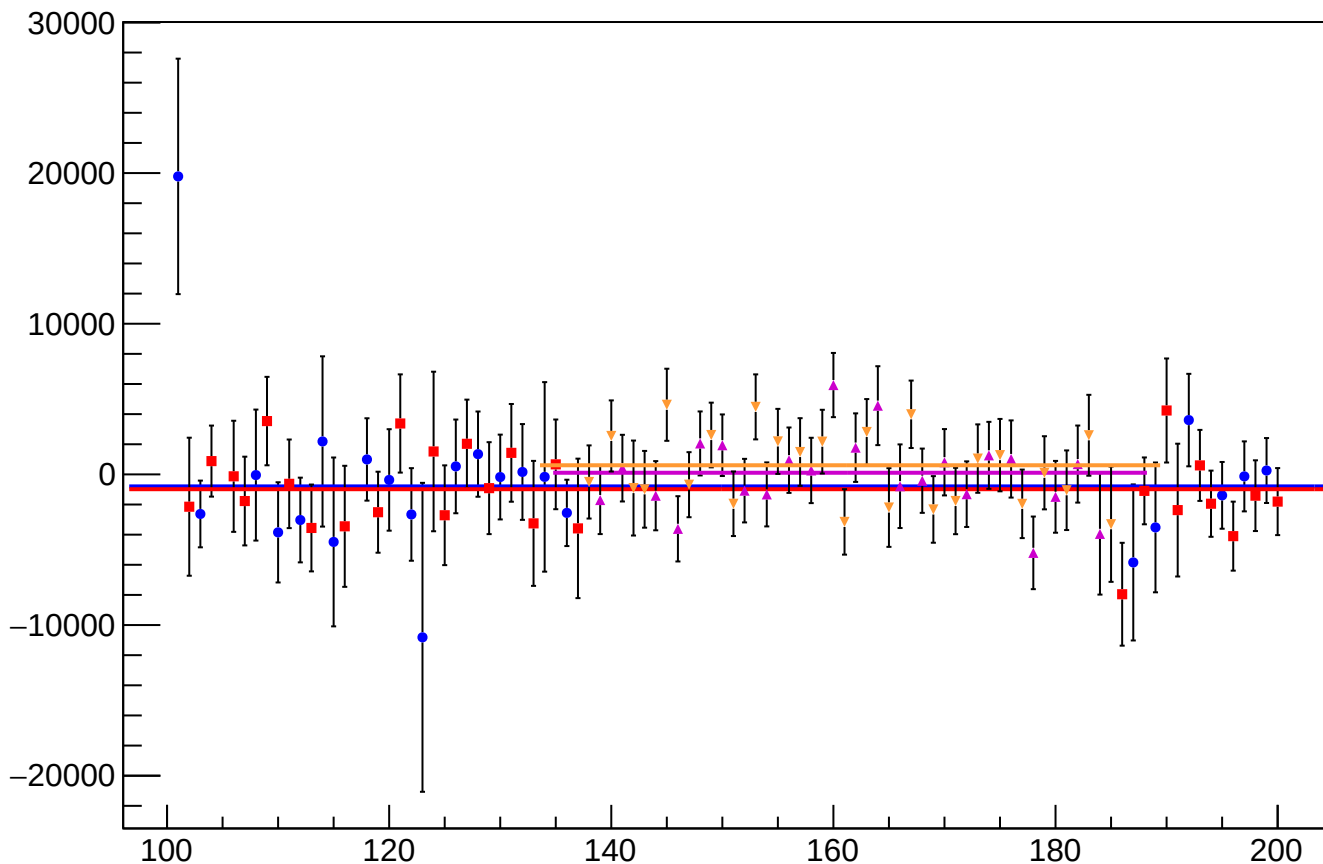
Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

+ sign 5280.385+/-0.718 χ^2/NDF : 2740451.6/47

All: 5185.229+/-0.495 χ^2/NDF : 7251734.9/97

- sign 5099.035+/-0.684 χ^2/NDF : 4477835.7/49

dit_asym_atr_dd_mean vs Slug



Right In: -797.347 ± 648.541 χ^2/NDF : 16.9/22

Left Out: 605.796 ± 469.397 χ^2/NDF : 25.2/24

Right Out: -983.399 ± 566.846 χ^2/NDF : 18.7/26

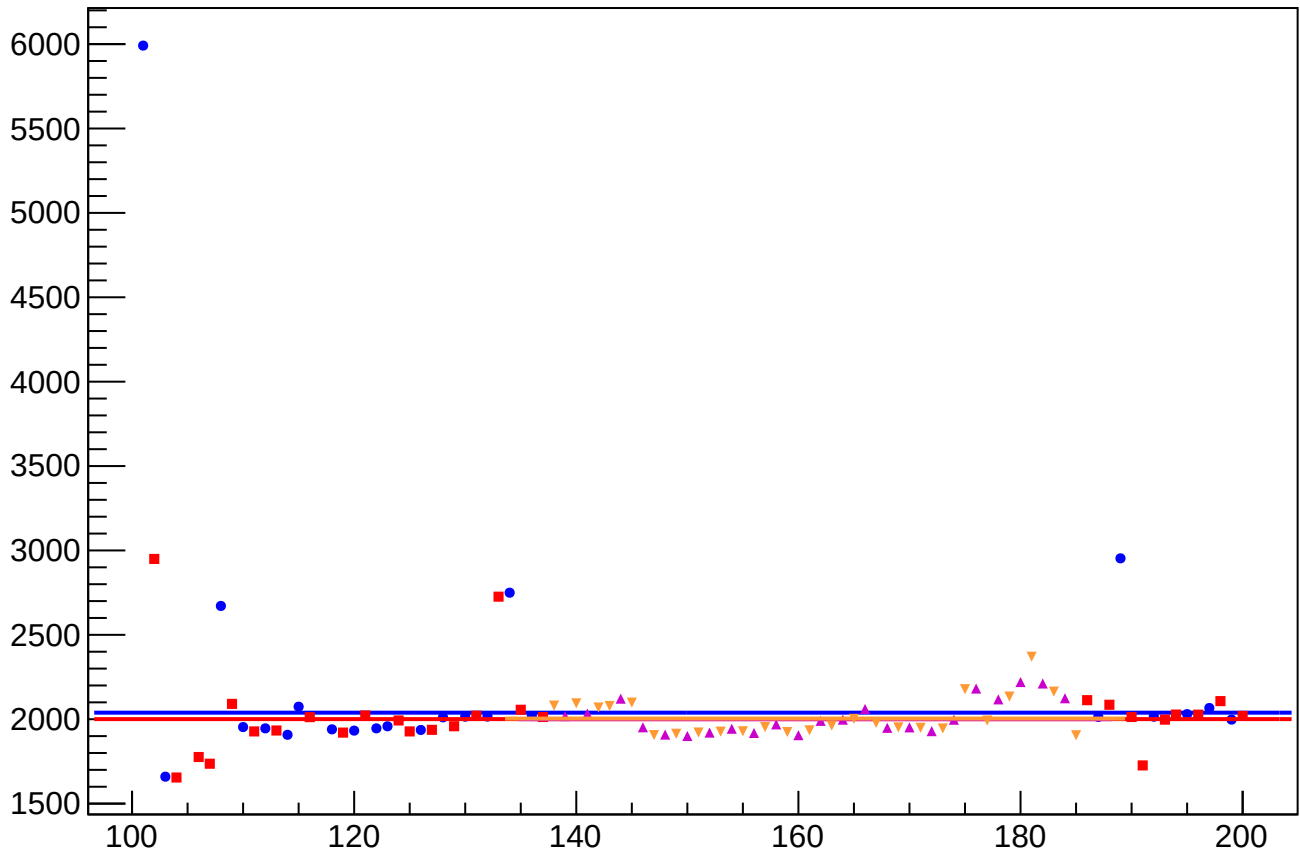
Left In: 108.365 ± 477.899 χ^2/NDF : 25.0/22

+ sign 123.442 ± 380.250 χ^2/NDF : 45.3/47

All: -120.244 ± 263.461 χ^2/NDF : 91.9/97

- sign -345.236 ± 365.374 χ^2/NDF : 45.9/49

dit_asym_atr_dd_rms vs Slug



Right In: 2038.859 $\pm$ 0.459 χ^2/NDF : 743420.9/22

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

Right Out: 2000.653 $\pm$ 0.401 χ^2/NDF : 240883.6/26

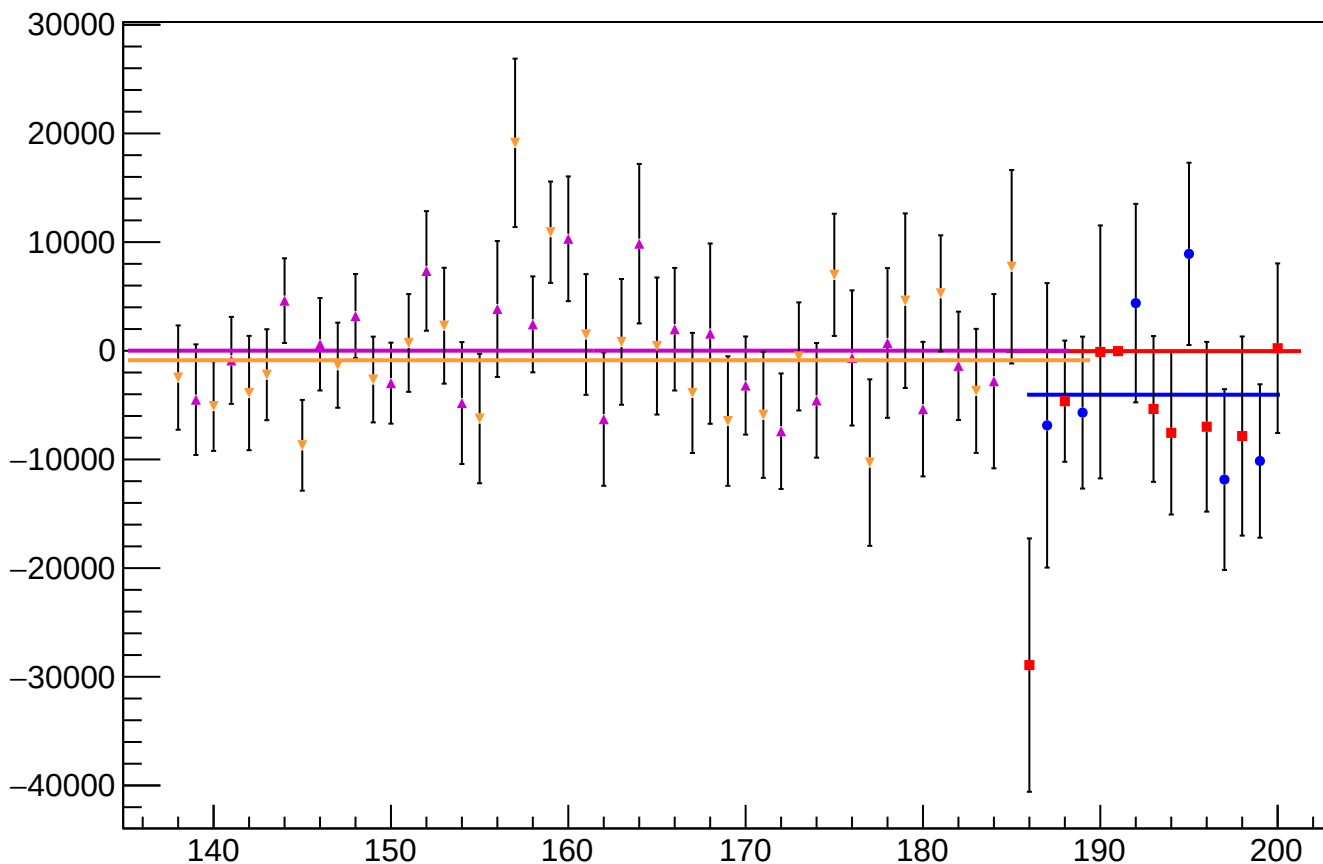
Left In: 2000.119 $\pm$ 0.338 χ^2/NDF : 79688.8/22

+ sign 2015.975 $\pm$ 0.269 χ^2/NDF : 847197.0/47

All: 2007.844 $\pm$ 0.186 χ^2/NDF : 1169528.7/97

- sign 2000.341 $\pm$ 0.258 χ^2/NDF : 320573.4/49

asym_atr_dd_correction_mean vs Slug



Right In: -4043.240 ± 3389.963 $\chi^2/\text{NDF}: 5.0/5$

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

Right Out: -31.220 ± 14.261 $\chi^2/\text{NDF}: 10.0/8$

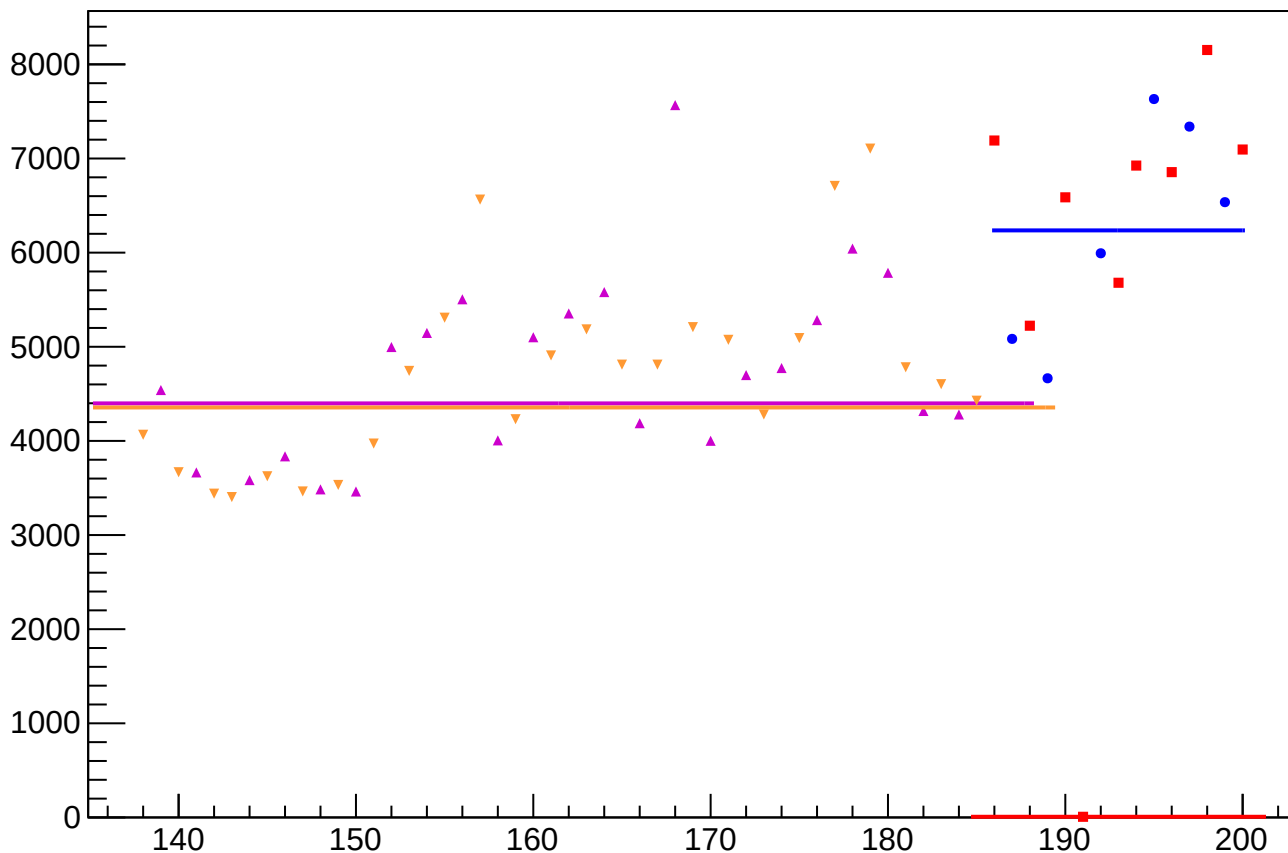
Left In: 10.945 ± 1070.258 $\chi^2/\text{NDF}: 17.2/22$

+ sign -1145.782 ± 997.224 $\chi^2/\text{NDF}: 34.1/30$

All: -31.440 ± 14.258 $\chi^2/\text{NDF}: 62.5/62$

- sign -31.212 ± 14.259 $\chi^2/\text{NDF}: 27.2/31$

asym_atr_dd_correction_rms vs Slug



Right In: 6236.312+/-2.397 χ^2/NDF : 211998.1/5

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

Right Out: 7.241+/-0.010 χ^2/NDF : 11040436.1/8

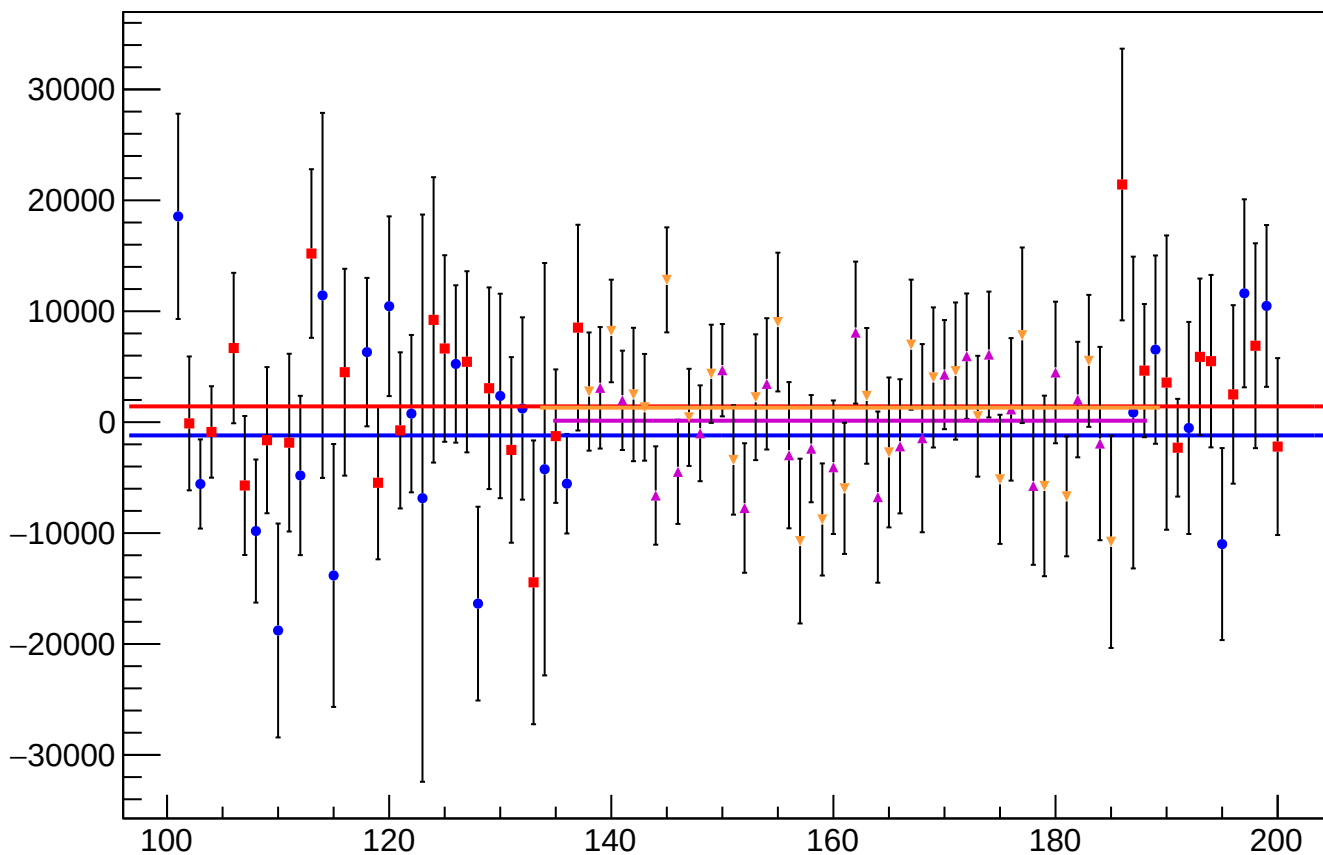
Left In: 4398.421+/-0.757 χ^2/NDF :1278784.1/22

+ sign 4517.985+/-0.705 χ^2/NDF : 2125038.7/30

All: 8.942+/-0.010 χ^2/NDF : 89004178.9/62

- sign 8.020+/-0.010 χ^2/NDF : 45981092.3/31

asym_atr_dd_mean vs Slug



Right In: -1195.164 ± 1610.554 $\chi^2/\text{NDF}: 28.3/22$

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

Right Out: 1422.765 ± 1386.660 $\chi^2/\text{NDF}: 15.7/26$

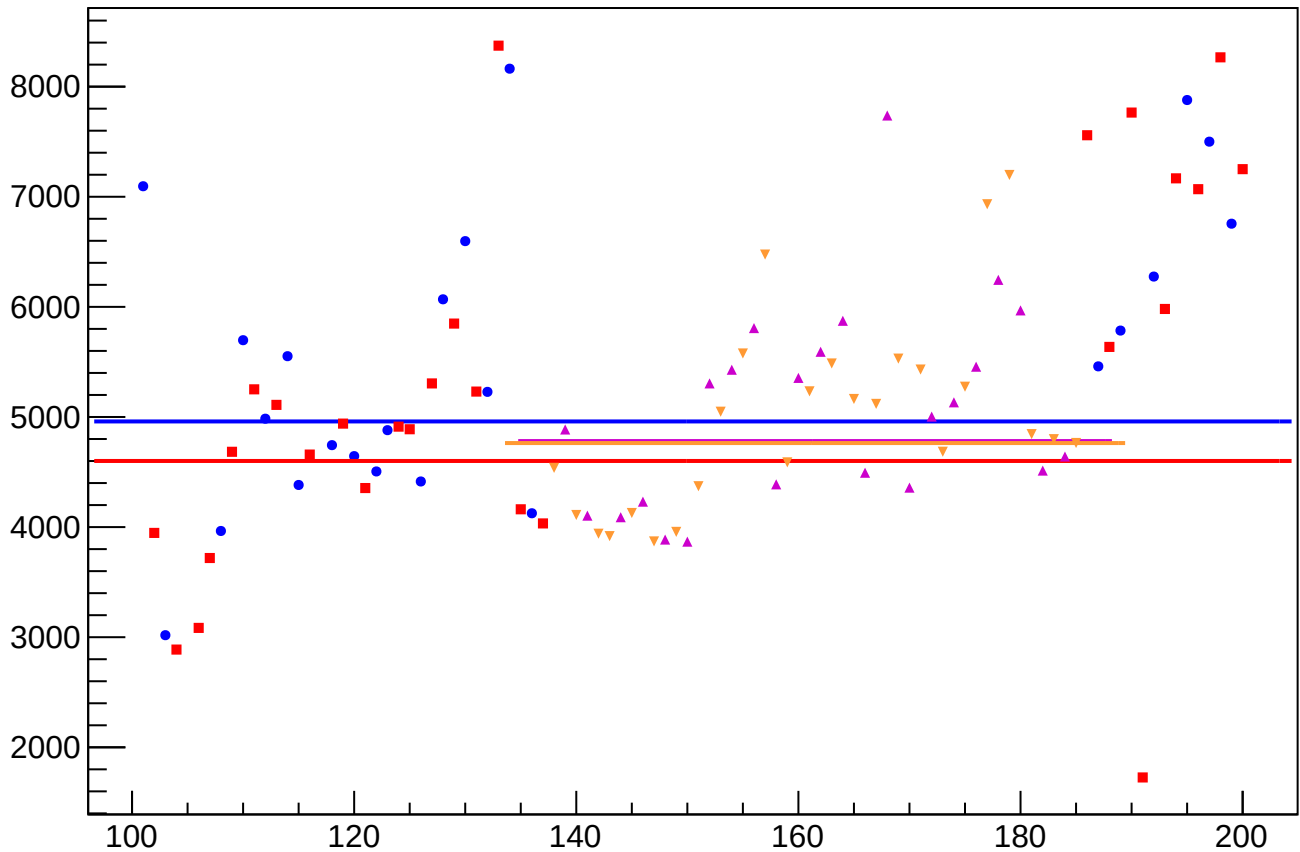
Left In: 131.428 ± 1157.282 $\chi^2/\text{NDF}: 14.9/22$

+ sign 479.869 ± 925.913 $\chi^2/\text{NDF}: 58.1/47$

All: 574.480 ± 641.084 $\chi^2/\text{NDF}: 89.1/97$

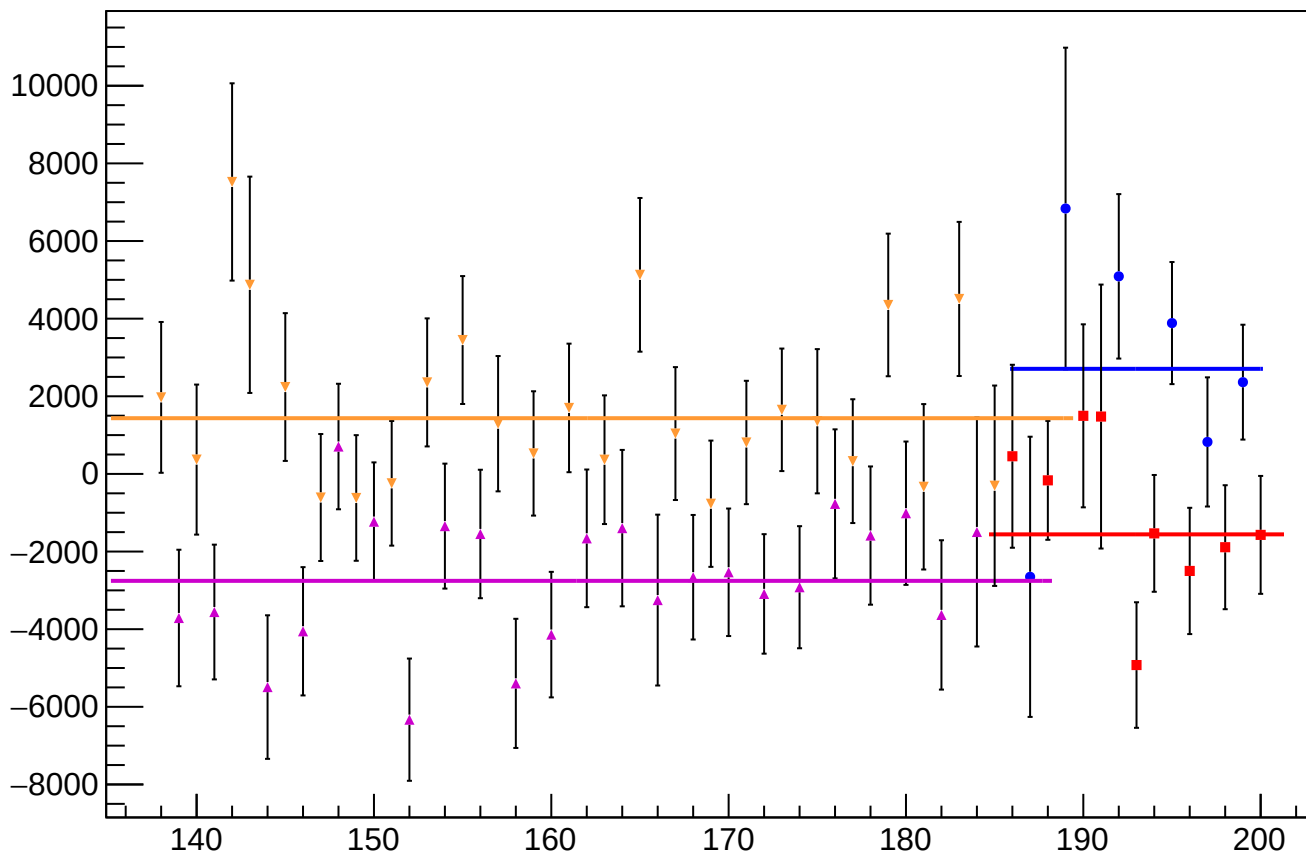
- sign -661.601 ± 888.503 $\chi^2/\text{NDF}: 31.0/49$

asym_atr_dd_rms vs Slug



Right In: 4959.536+/-1.139	χ^2/NDF : 1478347.6/22	+ sign 4828.085+/-0.655	χ^2/NDF : 2440105.1/47
Left Out: 4763.190+/-0.800	χ^2/NDF : 941856.9/24		
Right Out: 4600.575+/-0.977	χ^2/NDF : 2974542.0/26	All: 4764.796+/-0.453	χ^2/NDF : 6404196.2/97
Left In: 4781.172+/-0.818	χ^2/NDF : 951542.2/22	- sign 4706.698+/-0.627	χ^2/NDF : 3946169.0/49

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2707.202 ± 795.522 $\chi^2/\text{NDF}: 6.4/5$

Left Out: 1435.504 ± 358.178 $\chi^2/\text{NDF}: 26.7/24$

Right Out: -1557.159 ± 587.191 $\chi^2/\text{NDF}: 8.7/8$

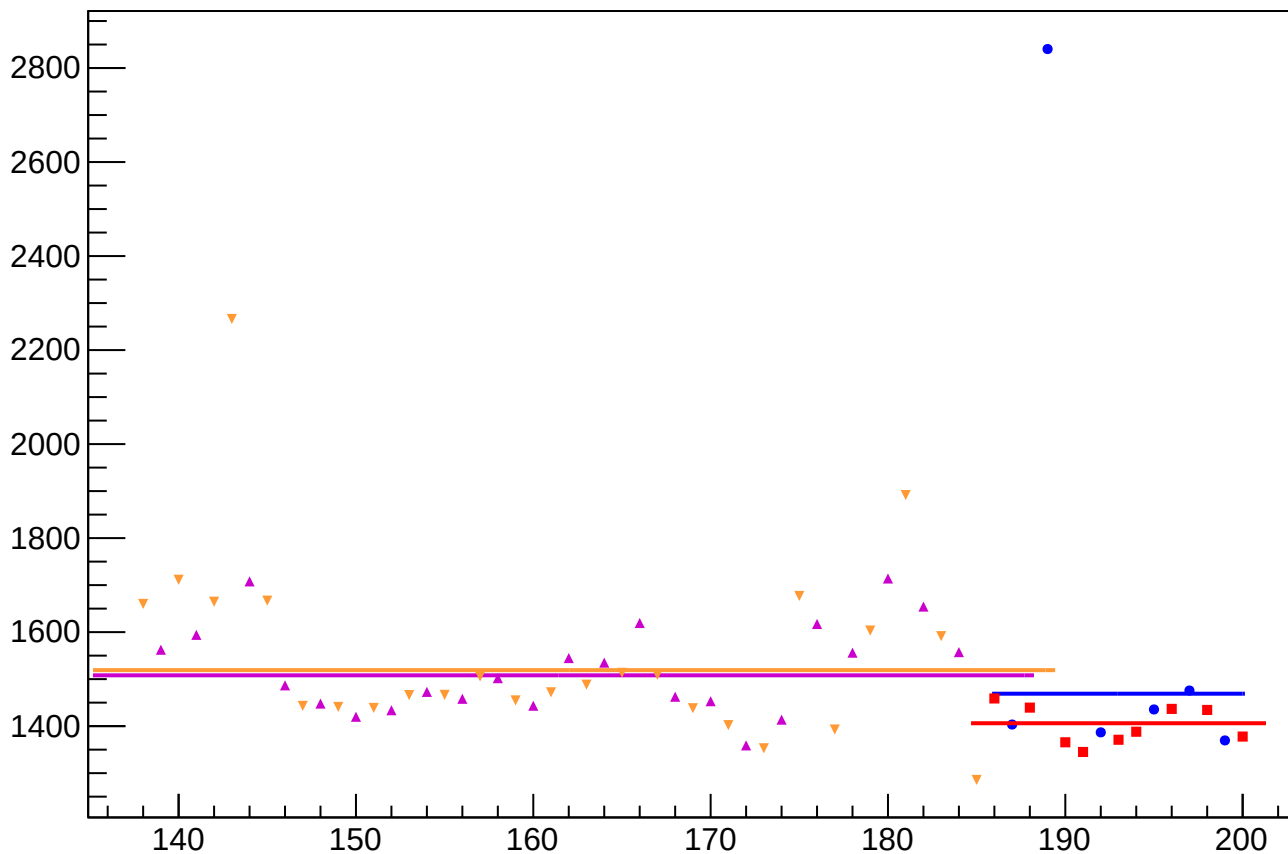
Left In: -2754.889 ± 361.672 $\chi^2/\text{NDF}: 22.4/22$

+ sign 1649.849 ± 326.600 $\chi^2/\text{NDF}: 35.2/30$

All: -507.521 ± 224.055 $\chi^2/\text{NDF}: 151.8/62$

- sign -2425.472 ± 307.945 $\chi^2/\text{NDF}: 34.1/31$

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1469.012 $\pm$ 0.563 χ^2/NDF : 232732.8/5

Left Out: 1519.092 $\pm$ 0.253 χ^2/NDF : 365839.2/24

Right Out: 1406.176 $\pm$ 0.415 χ^2/NDF : 6437.5/8

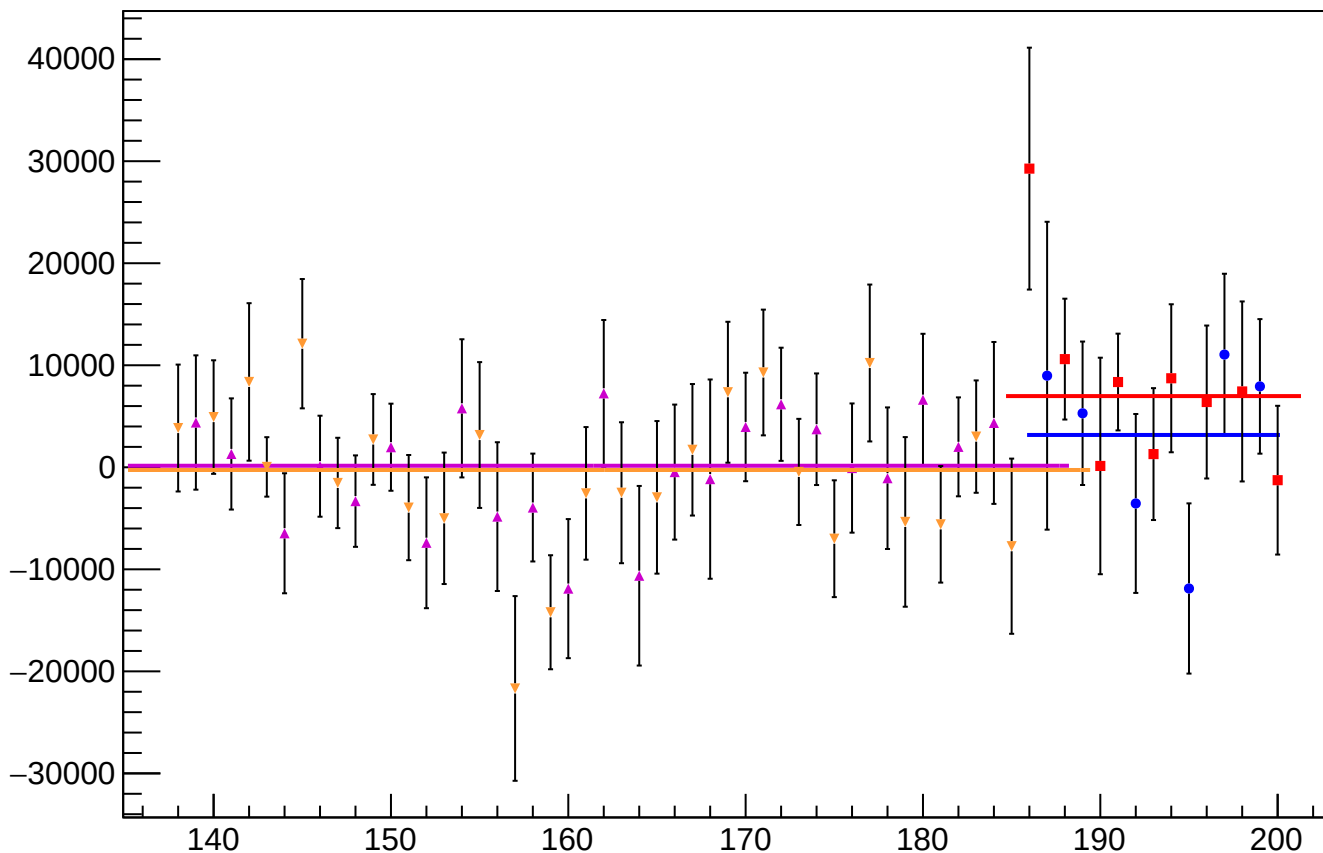
Left In: 1508.111 $\pm$ 0.256 χ^2/NDF : 131488.7/22

+ sign 1510.651 $\pm$ 0.231 χ^2/NDF : 605162.2/30

All: 1494.465 $\pm$ 0.158 χ^2/NDF : 796063.1/62

- sign 1480.076 $\pm$ 0.218 χ^2/NDF : 181621.8/31

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 3169.054 $\pm$ 3315.939 χ^2 /NDF: 5.6/5

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

Right Out: 6978.576 $\pm$ 2347.756 χ^2 /NDF: 6.5/8

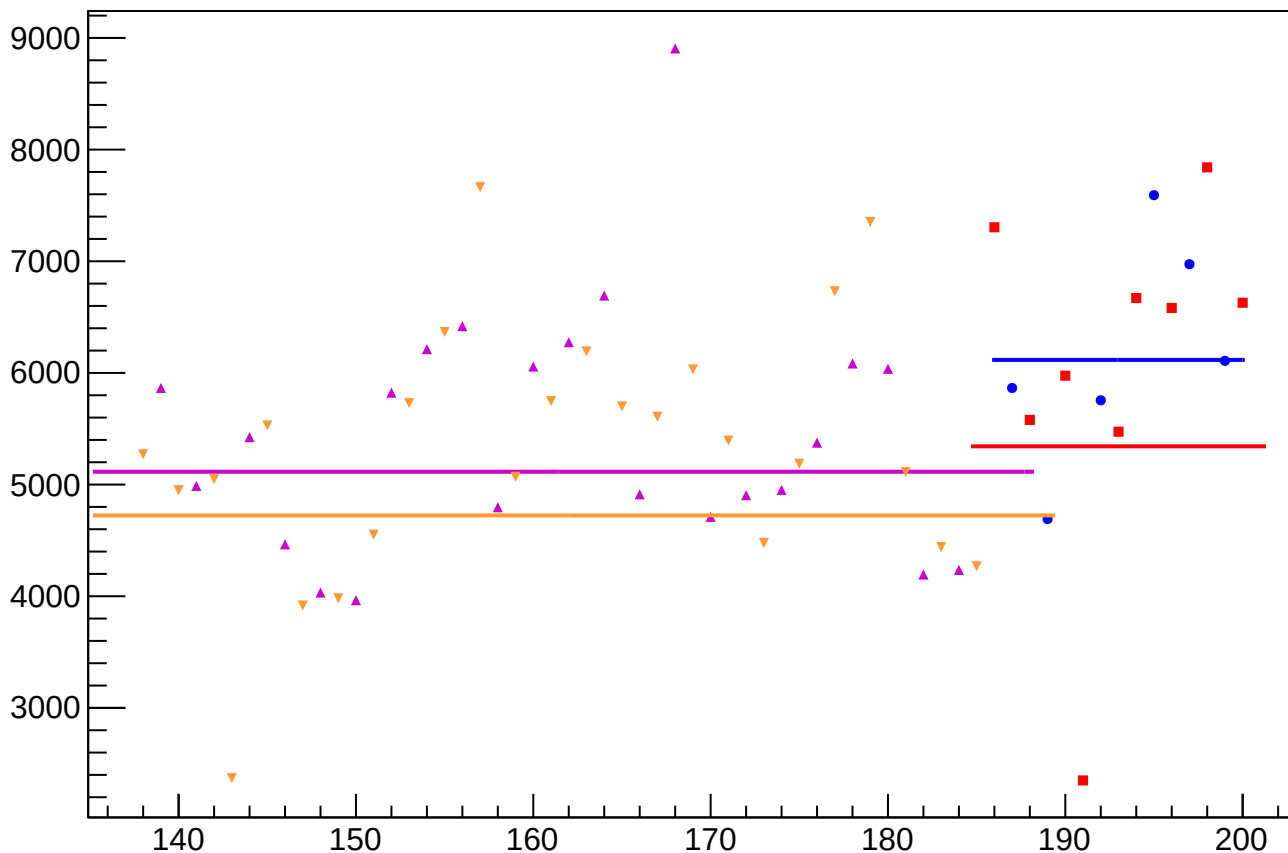
Left In: 151.239 $\pm$ 1241.800 χ^2 /NDF:14.9/22

+ sign 104.937 $\pm$ 1087.457 χ^2 /NDF: 36.2/30

All: 867.126 $\pm$ 772.546 χ^2 /NDF: 65.2/62

- sign 1643.749 $\pm$ 1097.706 χ^2 /NDF: 28.0/31

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 6116.708 $\pm$ 2.345 χ^2/NDF : 172164.9/5

Left Out: 4724.027 $\pm$ 0.814 χ^2/NDF : 2537532.1/24

Right Out: 5342.365 $\pm$ 1.660 χ^2/NDF : 1206979.0/8

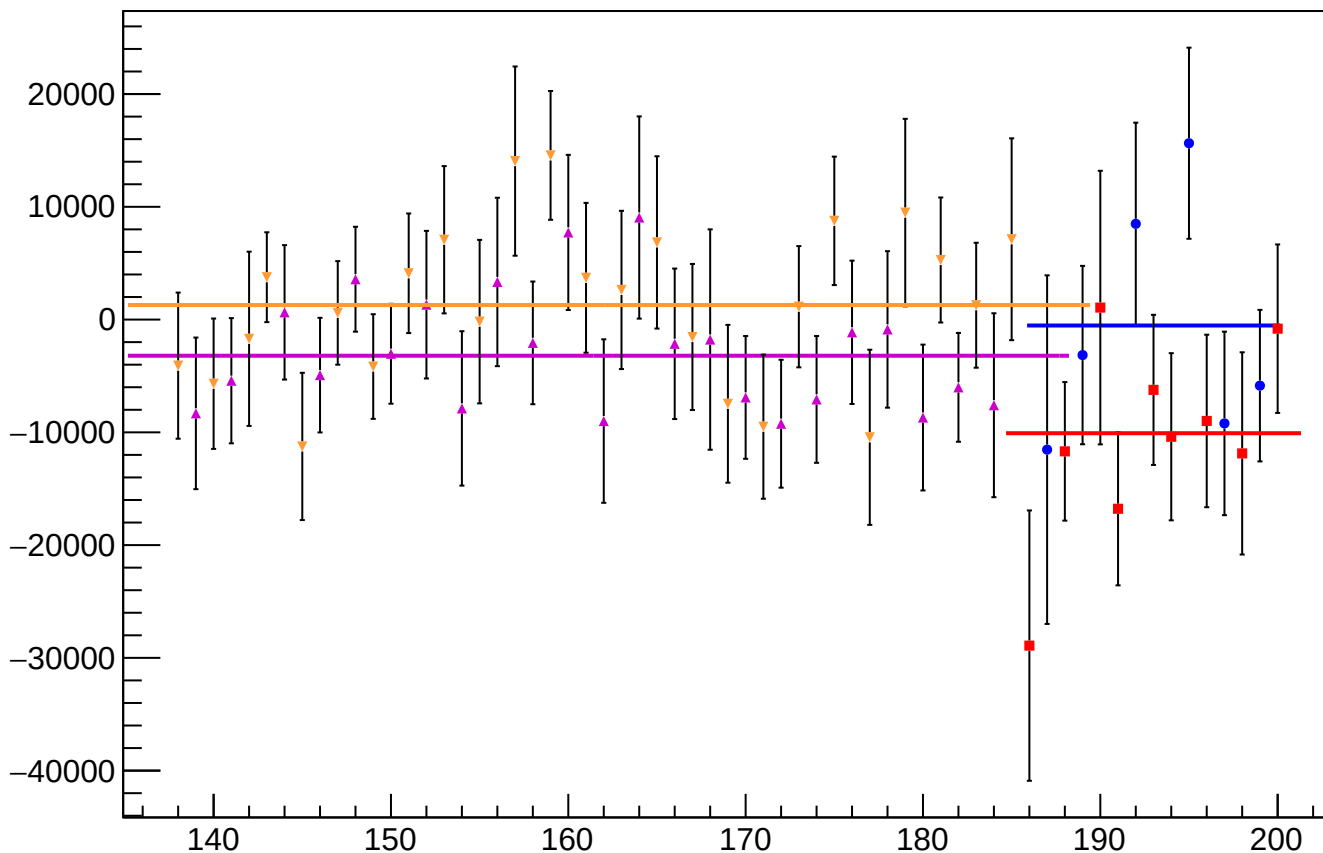
Left In: 5115.139 $\pm$ 0.878 χ^2/NDF : 1131347.2/22

+ sign 4873.810 $\pm$ 0.769 χ^2/NDF : 3024547.6/30

All: 5017.947 $\pm$ 0.546 χ^2/NDF : 5448450.2/62

- sign 5164.813 $\pm$ 0.776 χ^2/NDF : 2352965.1/31

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -525.651 ± 3455.082 χ^2/NDF : 7.0/5

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

Right Out: -10075.965 ± 2580.951 χ^2/NDF : 6.3/8

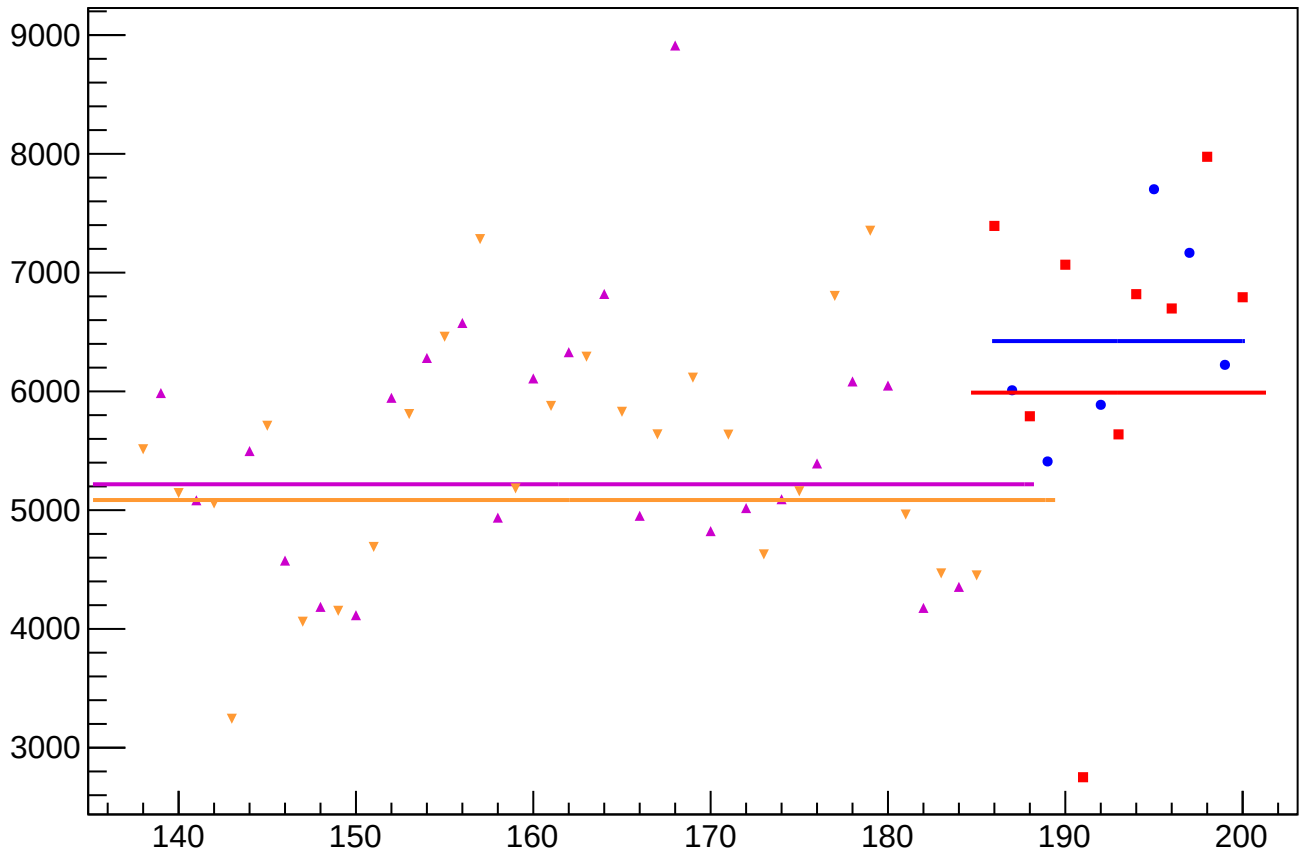
Left In: -3205.363 ± 1265.586 χ^2/NDF : 13.9/22

+ sign 1091.958 ± 1146.834 χ^2/NDF : 35.1/30

All: -1748.515 ± 807.193 χ^2/NDF : 73.1/62

- sign -4537.166 ± 1136.324 χ^2/NDF : 25.9/31

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 6423.546 ± 2.443 χ^2/NDF : 105390.7/5

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

Right Out: 5989.497 ± 1.825 χ^2/NDF : 668657.2/8

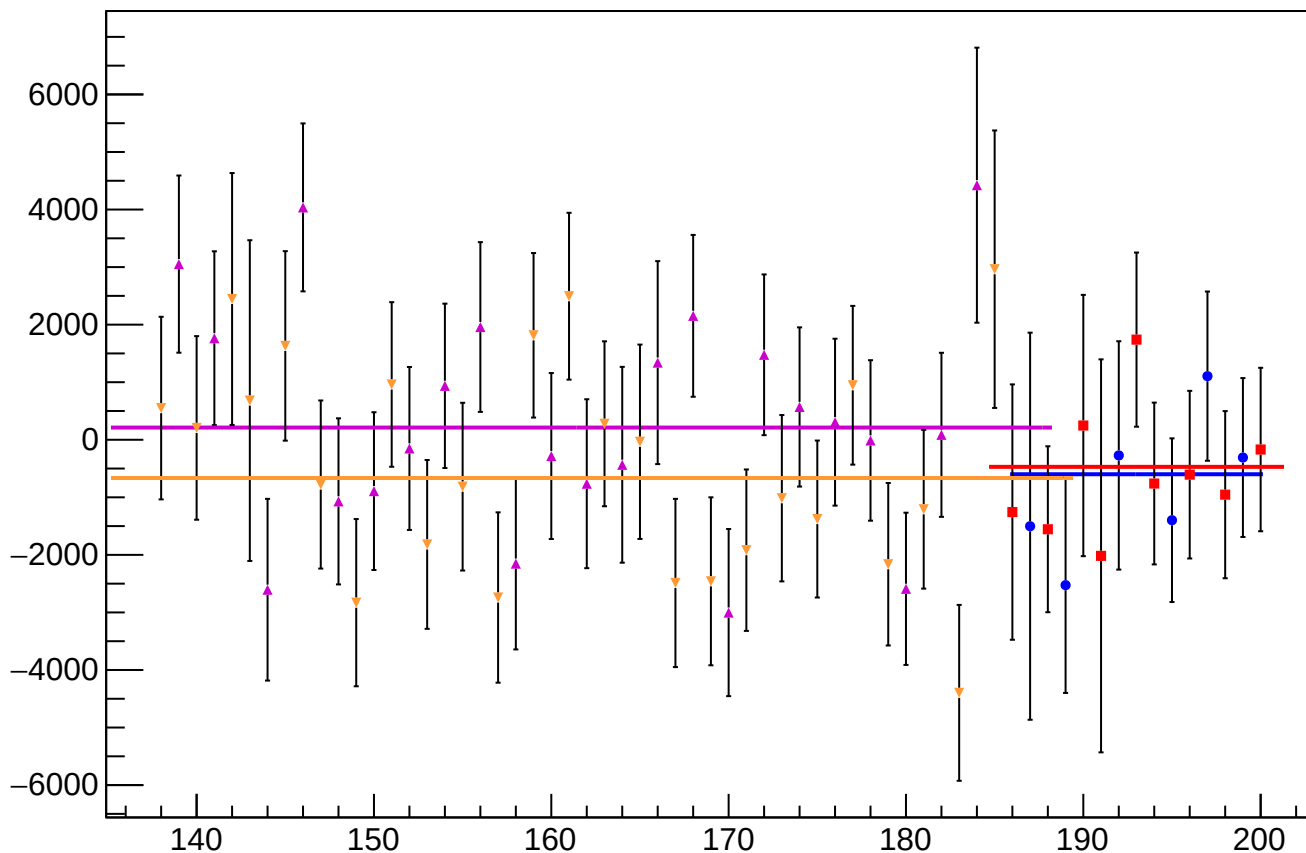
Left In: 5217.971 ± 0.895 χ^2/NDF : 1058996.1/22

+ sign 5232.748 ± 0.811 χ^2/NDF : 1729073.0/30

All: 5300.757 ± 0.571 χ^2/NDF : 3614741.2/62

- sign 5367.525 ± 0.804 χ^2/NDF : 1871729.9/31

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -599.026+/-688.474 χ^2/NDF : 2.9/5

Left Out: -664.362+/-305.119 χ^2/NDF : 34.6/24

Right Out: -470.519+/-546.441 χ^2/NDF : 3.3/8

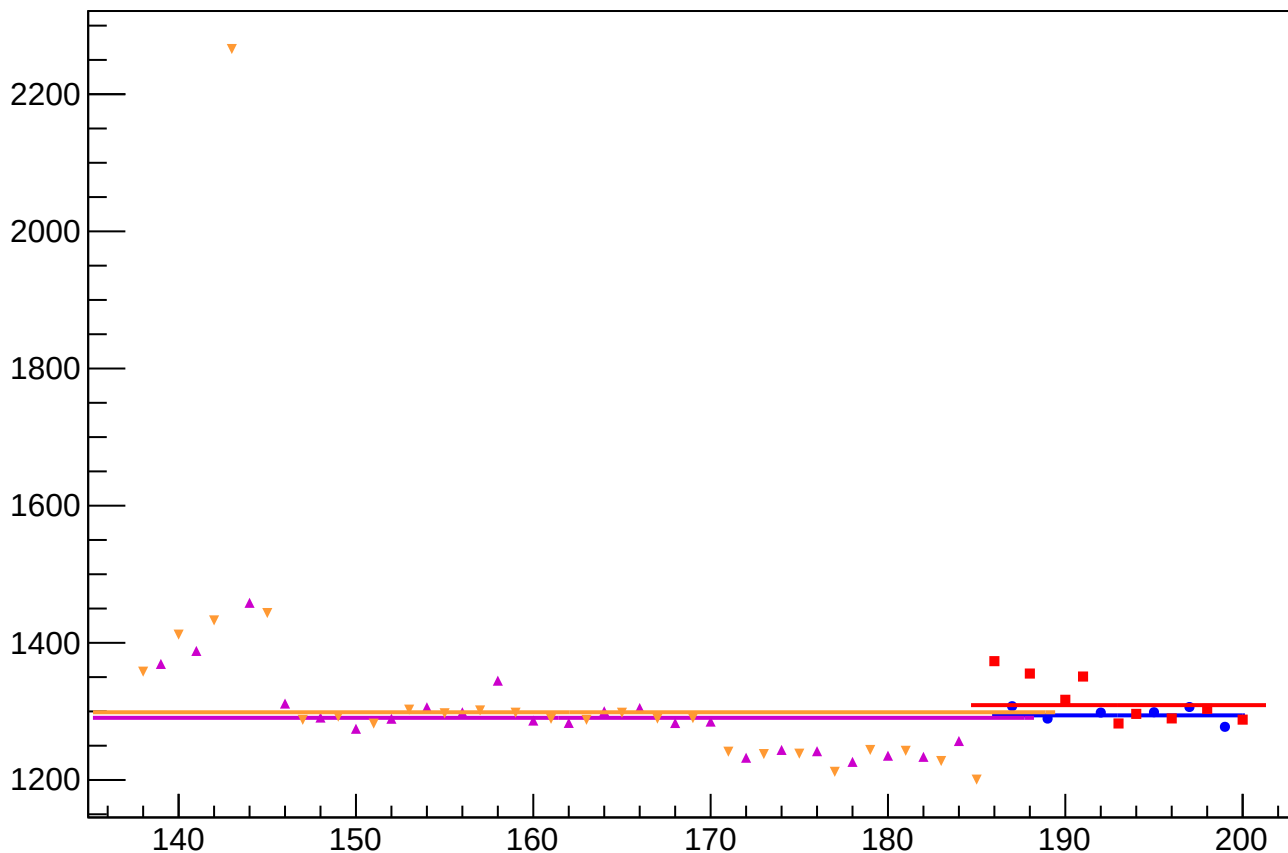
Left In: 212.071+/-308.597 χ^2/NDF : 36.6/22

+ sign -653.636+/-278.952 χ^2/NDF : 37.5/30

All: -290.211+/-193.525 χ^2/NDF : 81.9/62

- sign 47.014+/-268.708 χ^2/NDF : 41.2/31

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1294.235+/-0.487 $\chi^2/\text{NDF}: 503.8/5$

Left Out: 1298.743+/-0.216 $\chi^2/\text{NDF}: 310344.8/24$

Right Out: 1309.140+/-0.386 $\chi^2/\text{NDF}: 5648.2/8$

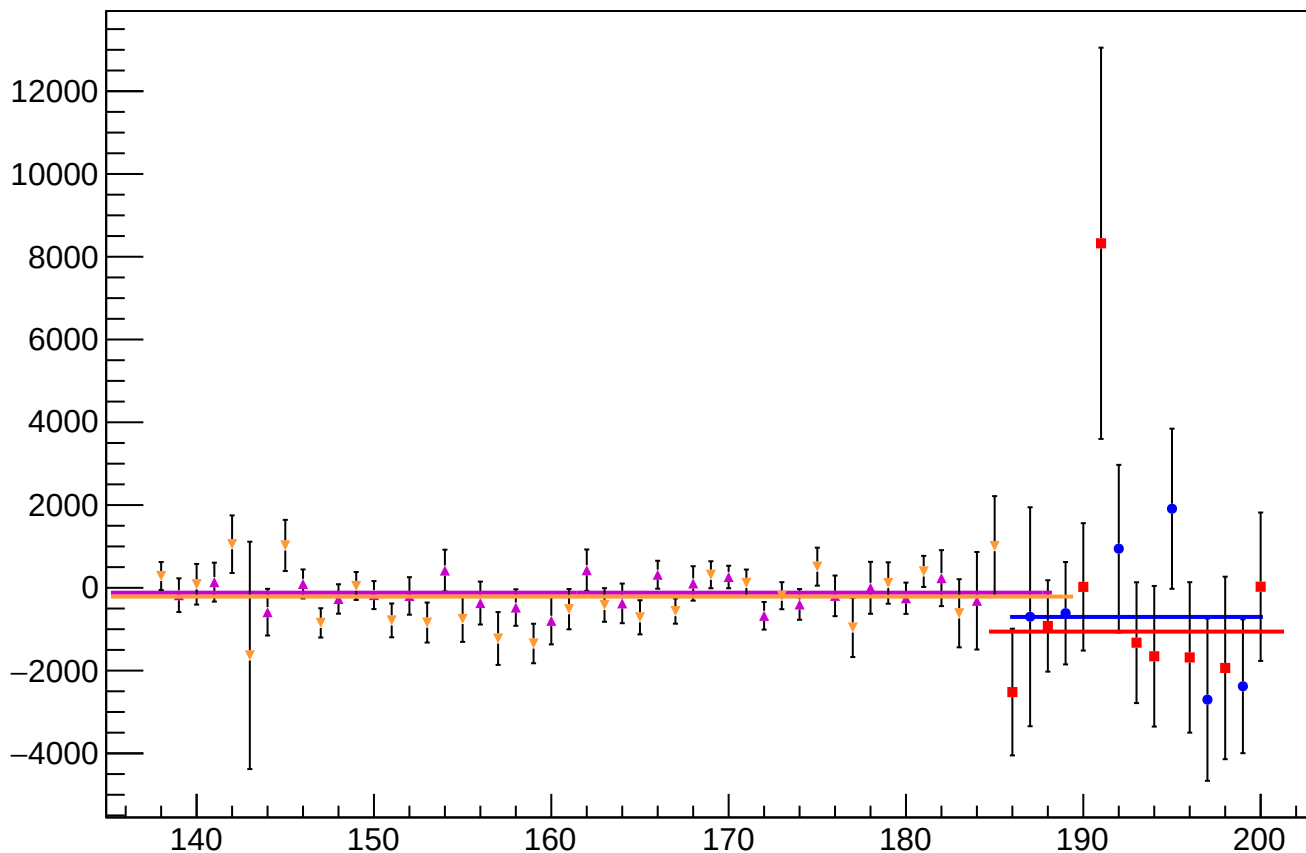
Left In: 1290.644+/-0.218 $\chi^2/\text{NDF}: 59427.8/22$

+ sign 1298.003+/-0.197 $\chi^2/\text{NDF}: 310920.3/30$

All: 1296.506+/-0.137 $\chi^2/\text{NDF}: 377844.5/62$

- sign 1295.117+/-0.190 $\chi^2/\text{NDF}: 66813.1/31$

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -703.247+/-716.188 χ^2/NDF : 4.6/5

Left Out: -211.646+/-87.670 χ^2/NDF : 41.7/24

Right Out: -1057.619+/-546.457 χ^2/NDF : 6.2/8

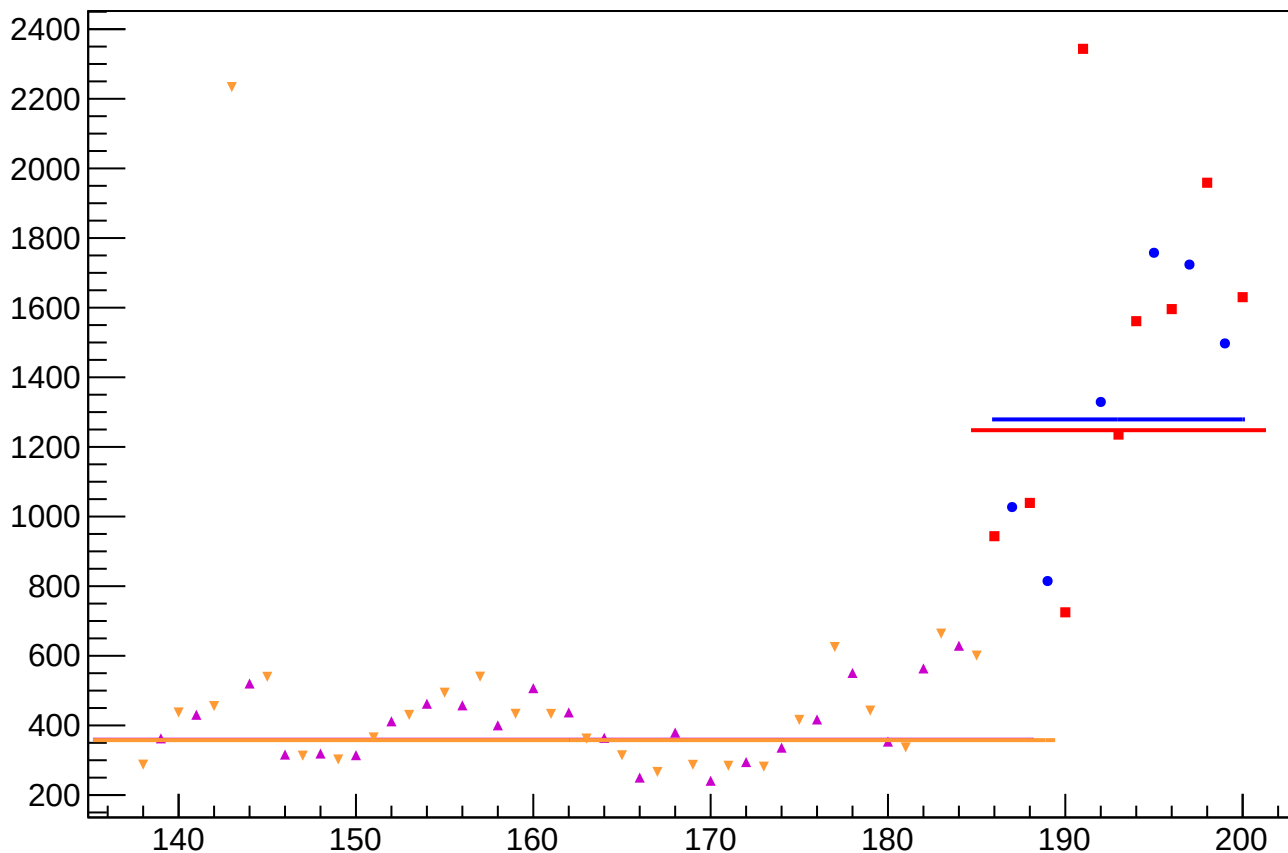
Left In: -117.113+/-88.214 χ^2/NDF : 14.3/22

+ sign -218.903+/-87.020 χ^2/NDF : 46.8/30

All: -179.981+/-61.556 χ^2/NDF : 70.5/62

- sign -141.000+/-87.087 χ^2/NDF : 23.3/31

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1279.027+/-0.506 χ^2/NDF : 562689.7/5

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

Right Out: 1248.048+/-0.386 χ^2/NDF : 929255.7/8

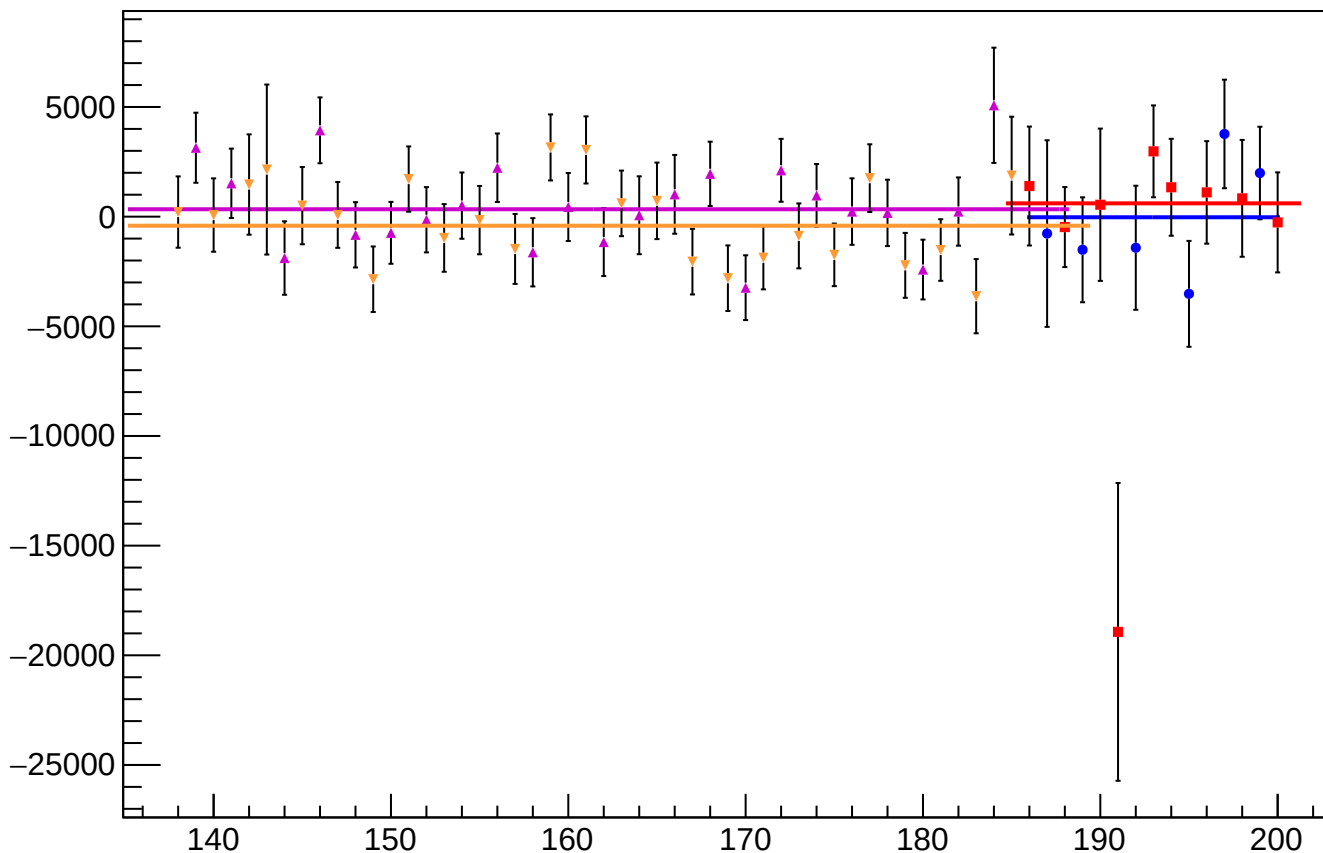
Left In: 359.000+/-0.062 χ^2/NDF :1858849.9/22

+ sign 371.350+/-0.062 χ^2/NDF : 6865342.9/30

All: 376.461+/-0.044 χ^2/NDF : 14826620.7/62

- sign 381.580+/-0.062 χ^2/NDF : 7947469.5/31

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -27.752 ± 1045.794 χ^2/NDF : 6.0/5

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

Right Out: 606.498 ± 819.203 χ^2/NDF : 10.3/8

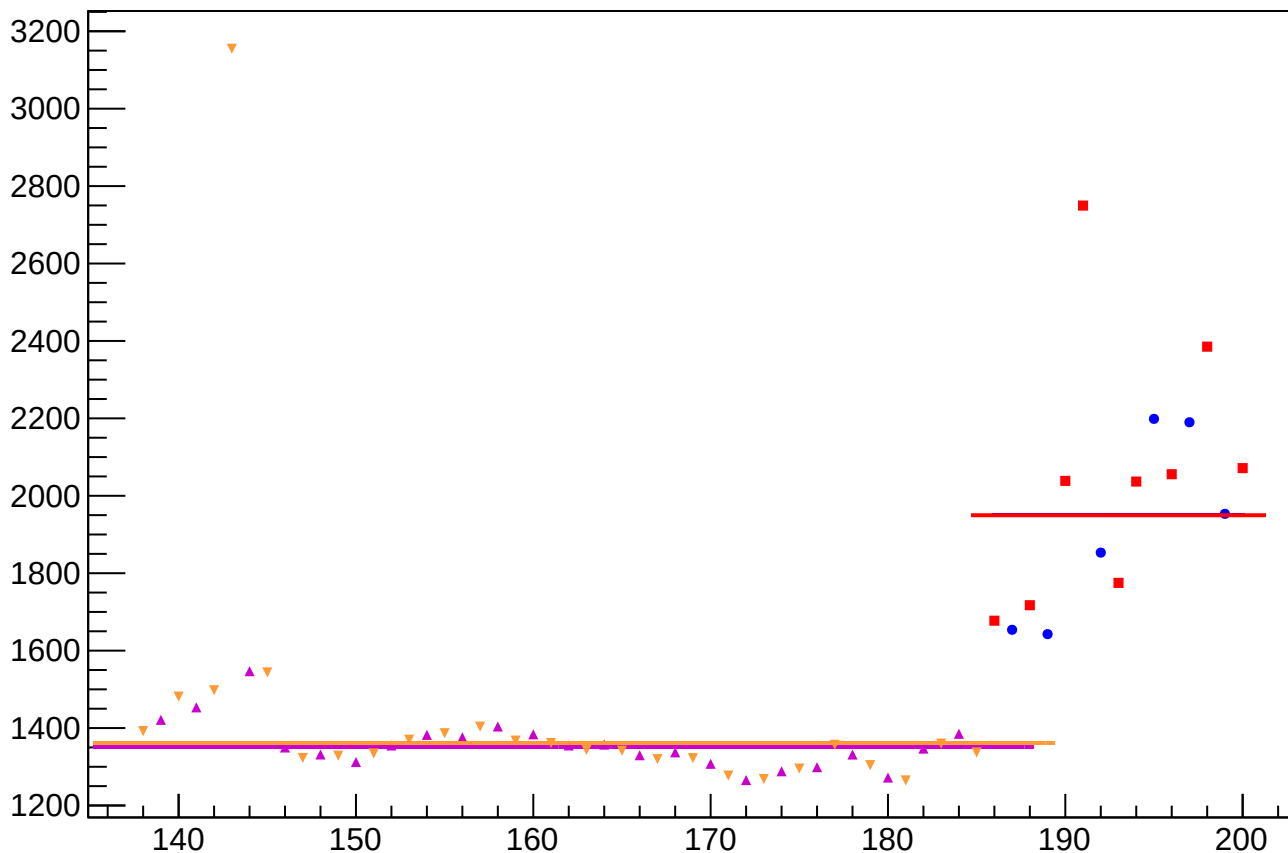
Left In: 337.193 ± 323.023 χ^2/NDF : 32.8/22

+ sign -380.262 ± 306.587 χ^2/NDF : 38.9/30

All: 4.134 ± 214.607 χ^2/NDF : 85.2/62

- sign 373.431 ± 300.505 χ^2/NDF : 43.2/31

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1950.481+/-0.739 χ^2/NDF : 85066.3/5

Left Out: 1361.511+/-0.227 χ^2/NDF : 507869.8/24

Right Out: 1949.760+/-0.579 χ^2/NDF : 162013.4/8

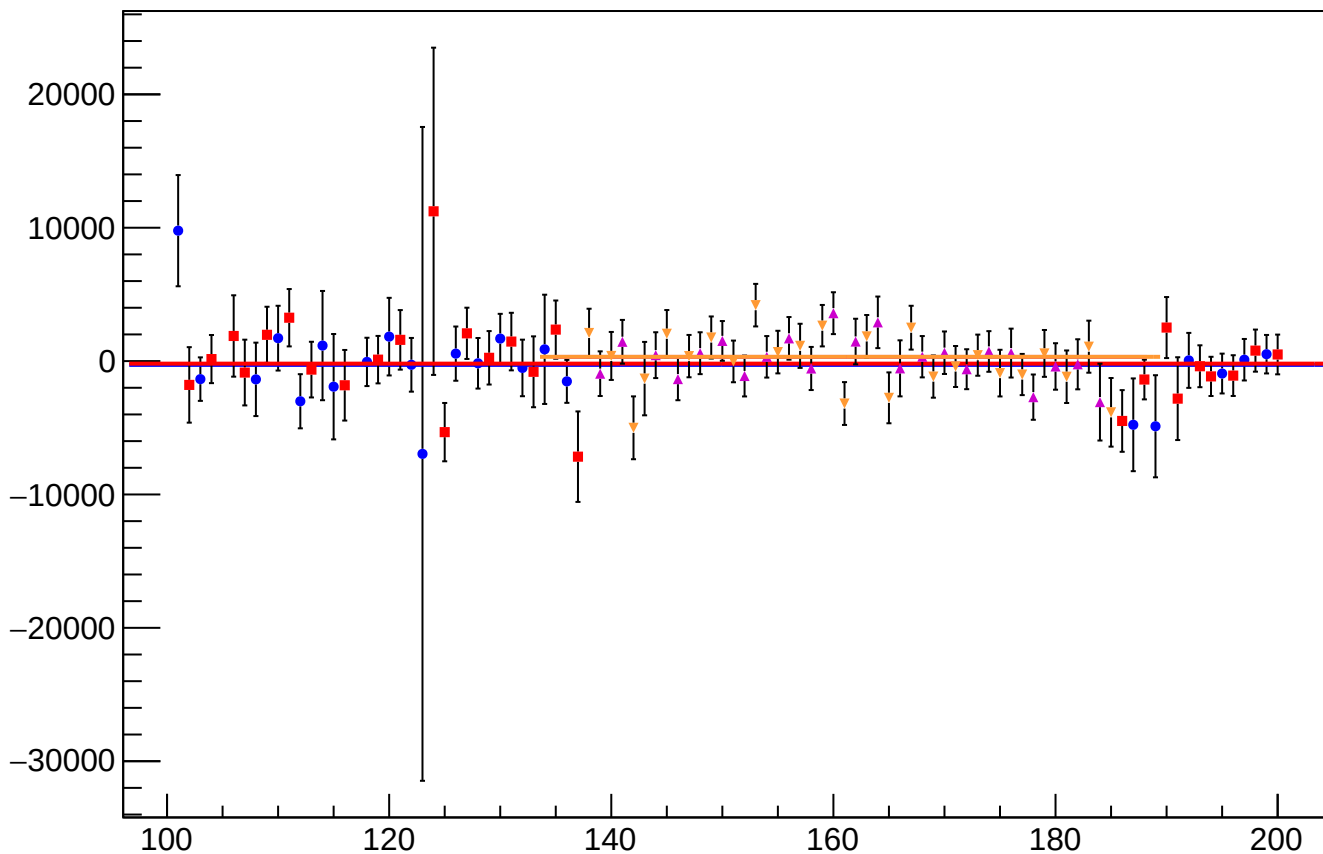
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

+ sign 1412.129+/-0.217 χ^2/NDF : 1172761.0/30

All: 1422.050+/-0.152 χ^2/NDF : 2332492.2/62

- sign 1431.581+/-0.212 χ^2/NDF : 1155625.2/31

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -283.438 ± 448.175 χ^2/NDF : 15.5/22

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

Right Out: -191.343 ± 392.069 χ^2/NDF : 27.2/26

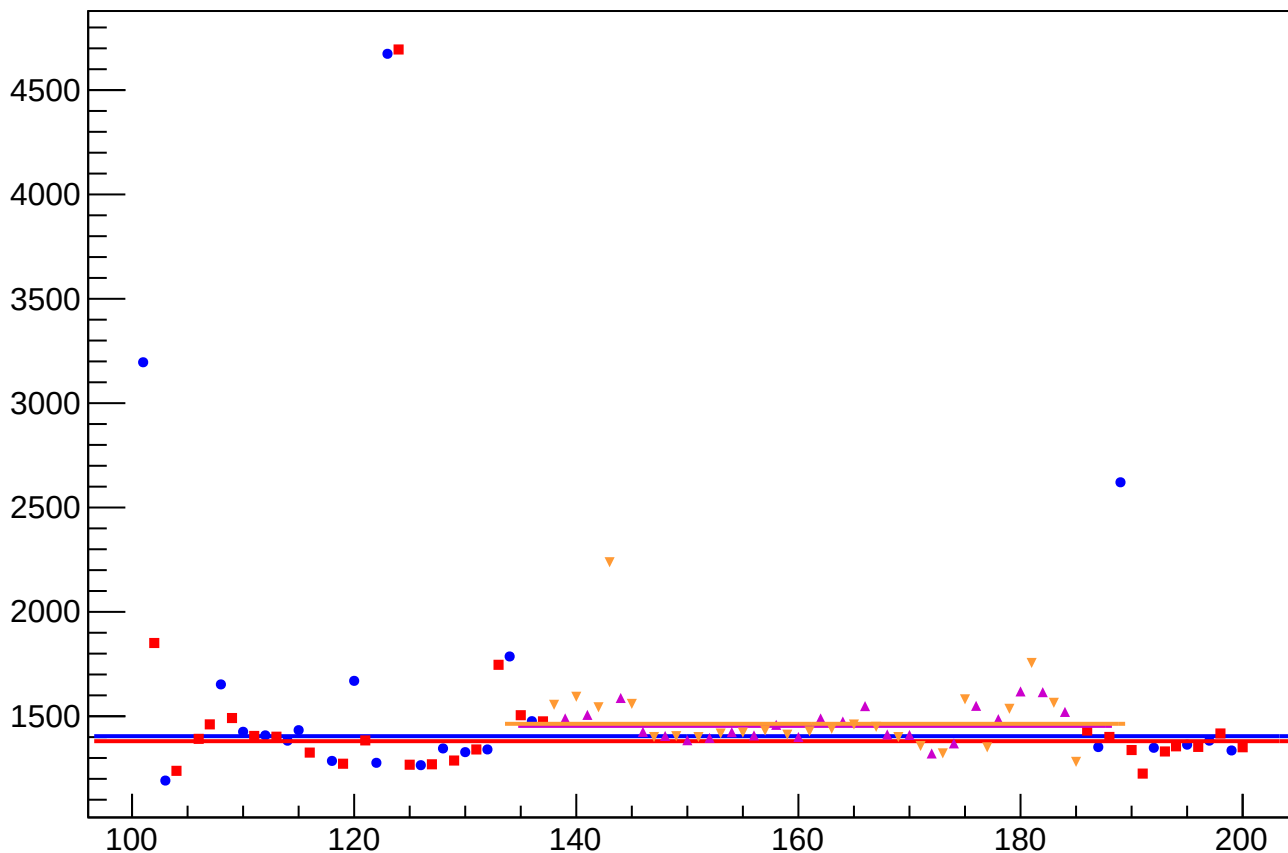
Left In: 310.833 ± 348.292 χ^2/NDF : 16.8/22

+ sign 95.798 ± 273.203 χ^2/NDF : 49.1/47

All: 92.411 ± 188.489 χ^2/NDF : 94.1/97

- sign 89.335 ± 260.387 χ^2/NDF : 45.0/49

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1404.445 $\pm$ 0.317 χ^2 /NDF: 736536.0/22

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

Right Out: 1380.472 $\pm$ 0.277 χ^2 /NDF: 304985.1/26

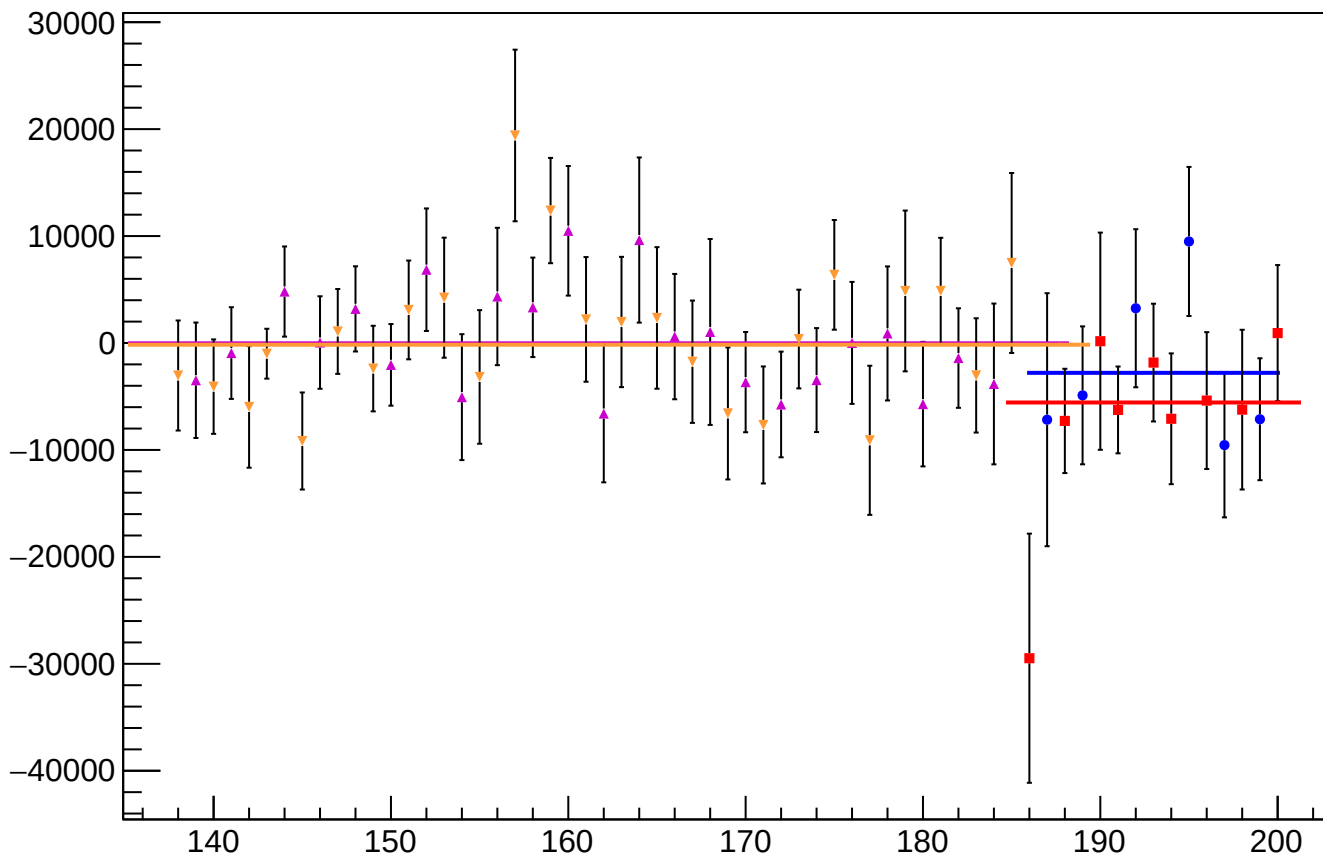
Left In: 1453.763 $\pm$ 0.246 χ^2 /NDF: 99224.2/22

+ sign 1441.689 $\pm$ 0.193 χ^2 /NDF: 1069006.9/47

All: 1431.069 $\pm$ 0.133 χ^2 /NDF: 1518058.8/97

- sign 1421.425 $\pm$ 0.184 χ^2 /NDF: 443285.2/49

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -2790.282 ± 2854.295 χ^2/NDF : 5.6/5

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

Right Out: -5563.296 ± 2013.413 χ^2/NDF : 6.3/8

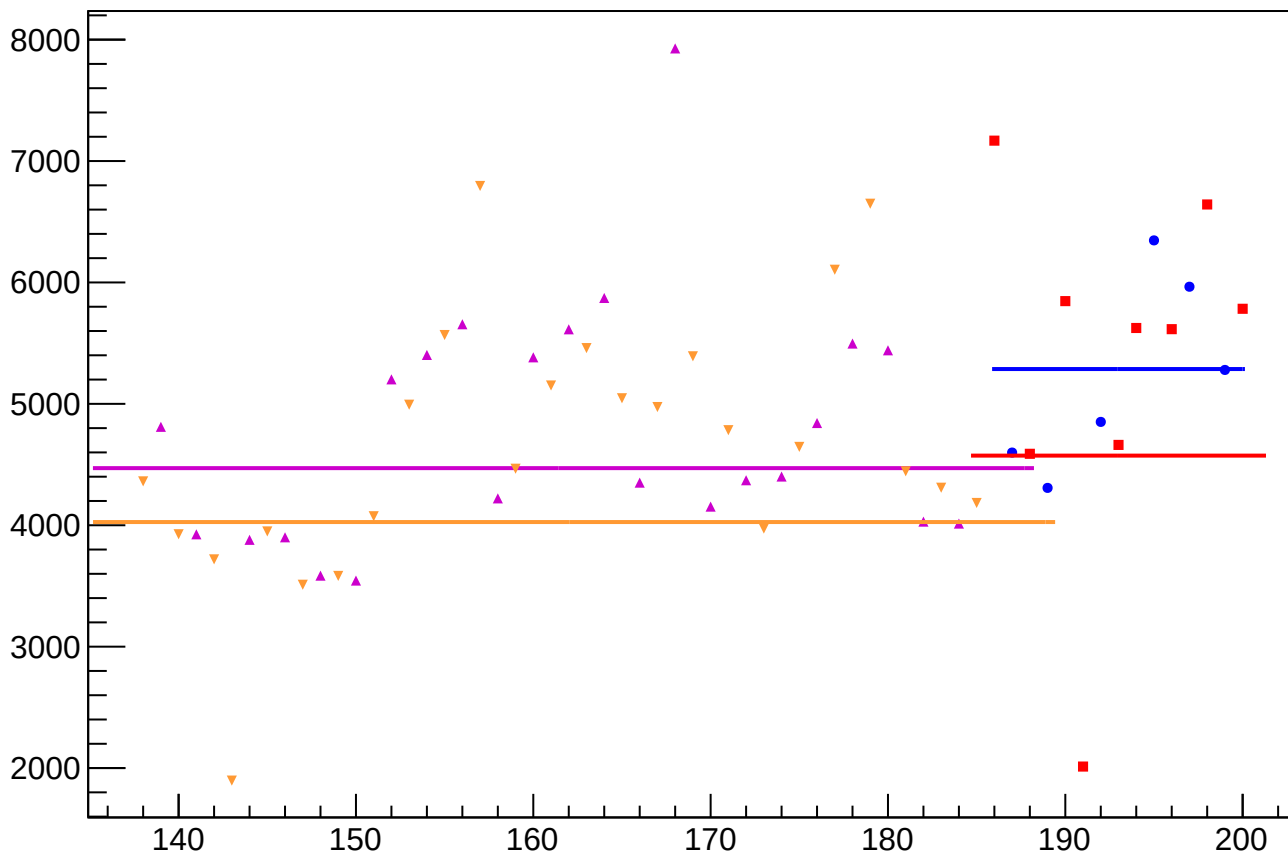
Left In: -26.926 ± 1085.415 χ^2/NDF : 15.3/22

+ sign -442.222 ± 934.786 χ^2/NDF : 36.1/30

All: -848.834 ± 668.171 χ^2/NDF : 63.9/62

- sign -1273.599 ± 955.425 χ^2/NDF : 27.4/31

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 5286.753+/-2.018 χ^2/NDF : 126146.5/5

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

Right Out: 4573.663+/-1.424 χ^2/NDF : 1265683.0/8

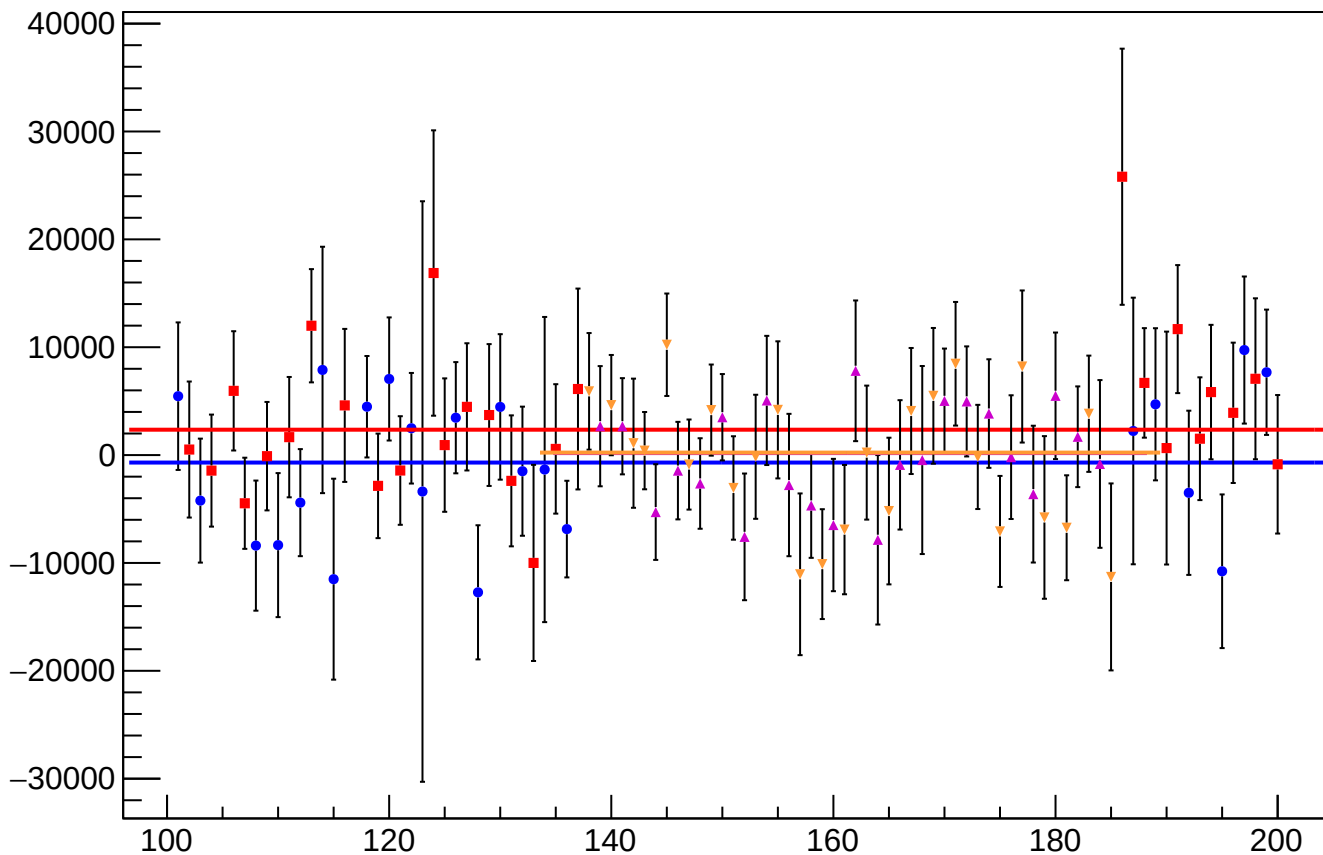
Left In: 4470.490+/-0.768 χ^2/NDF : 1132495.2/22

+ sign 4161.624+/-0.661 χ^2/NDF : 3545517.2/30

All: 4324.047+/-0.472 χ^2/NDF : 6071223.4/62

- sign 4493.723+/-0.676 χ^2/NDF : 2402247.3/31

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -693.131 ± 1336.616 χ^2/NDF : 24.1/22

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

Right Out: 2352.830 ± 1171.594 χ^2/NDF : 21.4/26

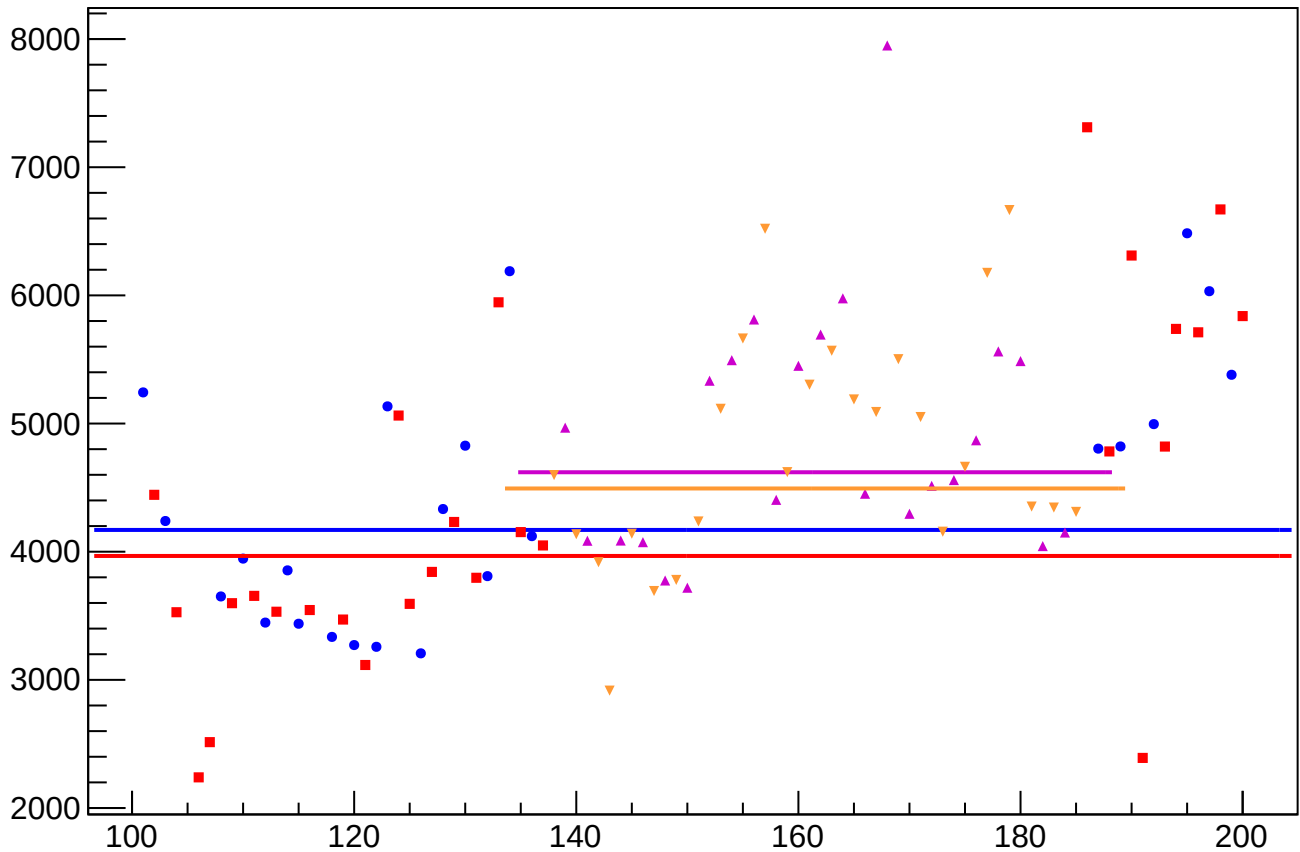
Left In: 185.280 ± 1119.296 χ^2/NDF : 14.3/22

+ sign -132.047 ± 836.989 χ^2/NDF : 52.6/47

All: 566.487 ± 581.811 χ^2/NDF : 91.4/97

- sign 1219.598 ± 809.319 χ^2/NDF : 37.5/49

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4169.838 $\pm$ 0.945 χ^2 /NDF: 932950.6/22

Left Out: 4493.314 $\pm$ 0.759 χ^2 /NDF:1309134.5/24

+ sign 4366.467 $\pm$ 0.592 χ^2 /NDF: 2313292.2/47

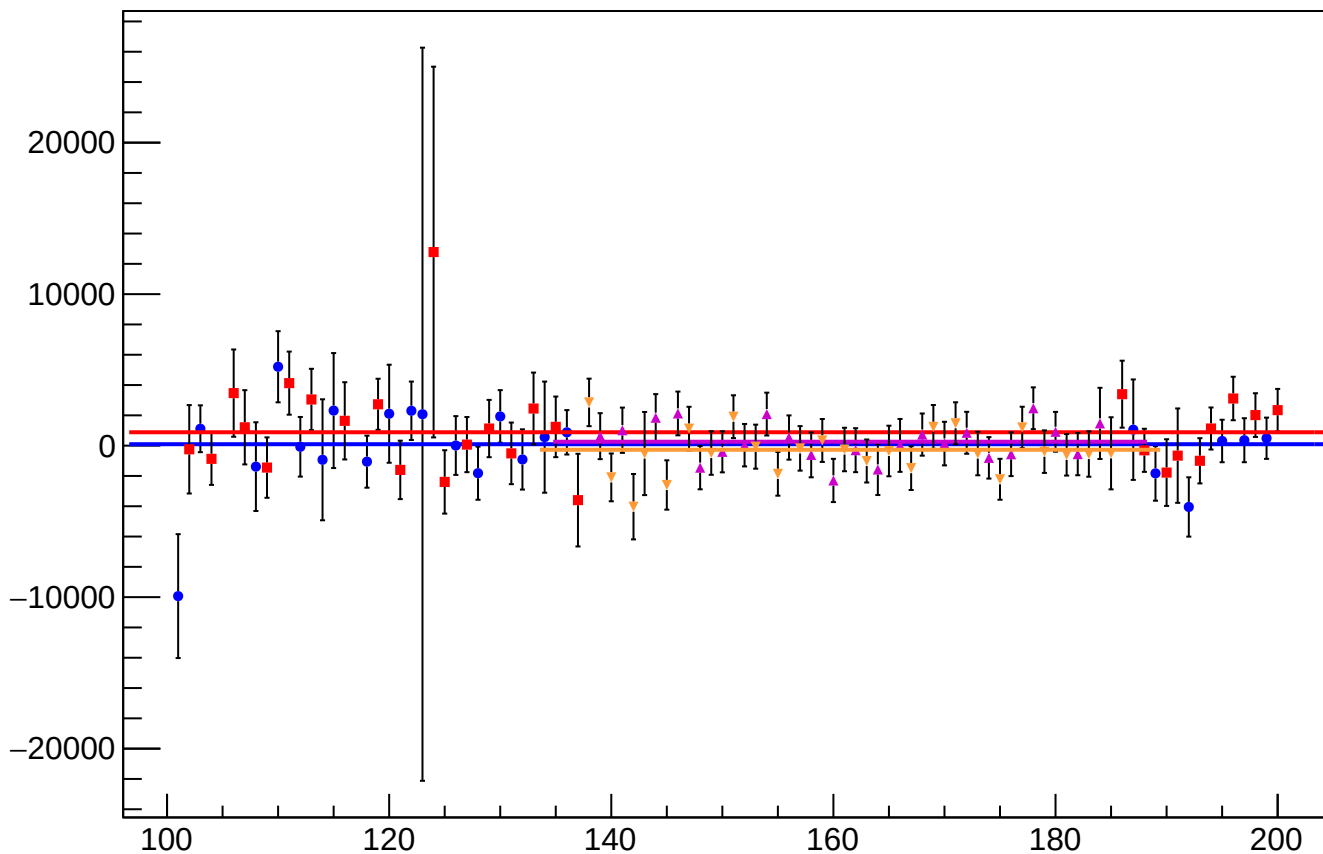
Right Out: 3966.822 $\pm$ 0.823 χ^2 /NDF: 1983598.3/26

All: 4335.193 $\pm$ 0.411 χ^2 /NDF: 5631445.5/97

- sign 4306.135 $\pm$ 0.570 χ^2 /NDF: 3312766.4/49

Left In: 4619.952 $\pm$ 0.791 χ^2 /NDF:1001966.3/22

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 94.531 ± 416.379 χ^2/NDF : 22.7/22

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

Right Out: 884.141 ± 370.453 χ^2/NDF : 26.0/26

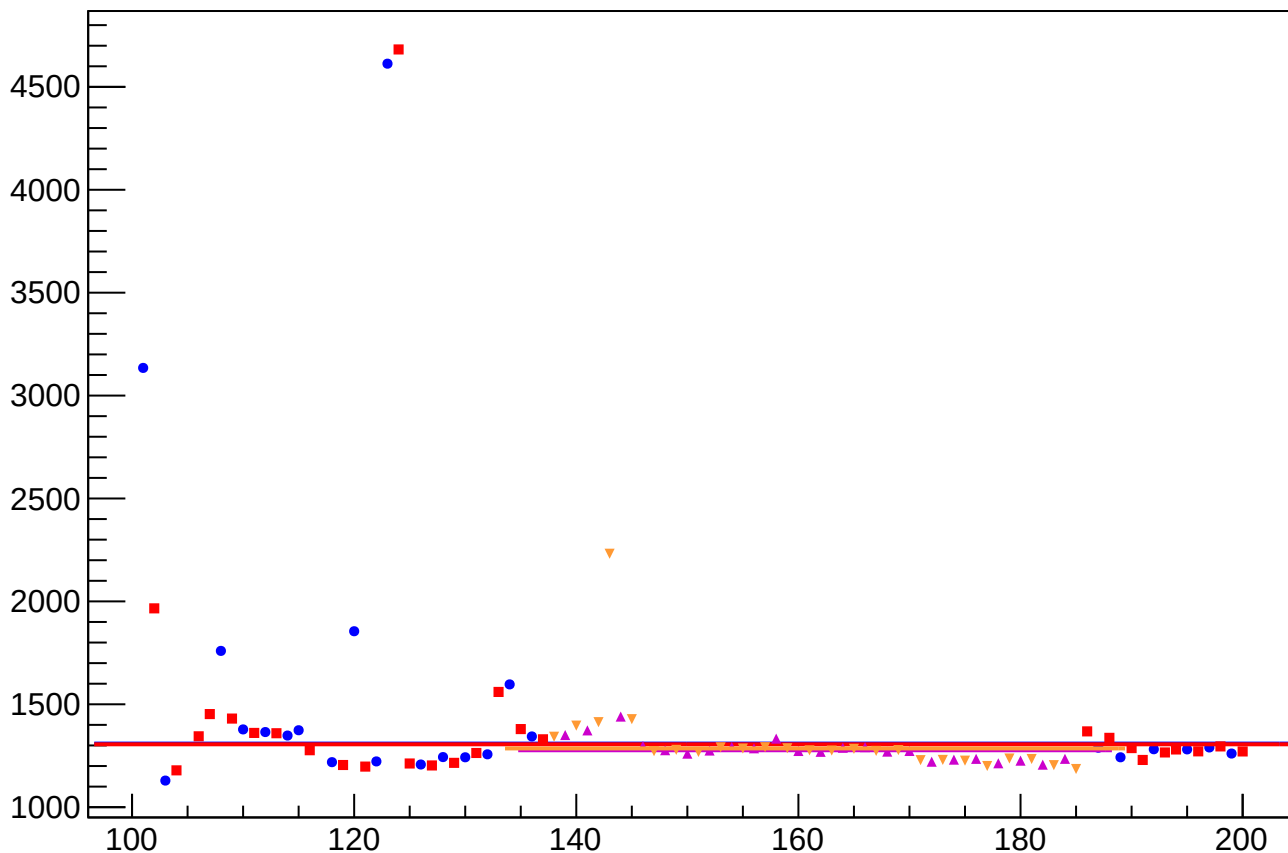
Left In: 258.285 ± 305.289 χ^2/NDF : 16.0/22

+ sign -144.666 ± 244.484 χ^2/NDF : 45.4/47

All: 195.516 ± 169.647 χ^2/NDF : 92.9/97

- sign 511.416 ± 235.596 χ^2/NDF : 43.7/49

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1308.981 $\pm$ 0.294 χ^2 /NDF: 613749.4/22

Left Out: 1285.574 $\pm$ 0.214 χ^2 /NDF: 306057.6/24

Right Out: 1305.594 $\pm$ 0.262 χ^2 /NDF: 347576.8/26

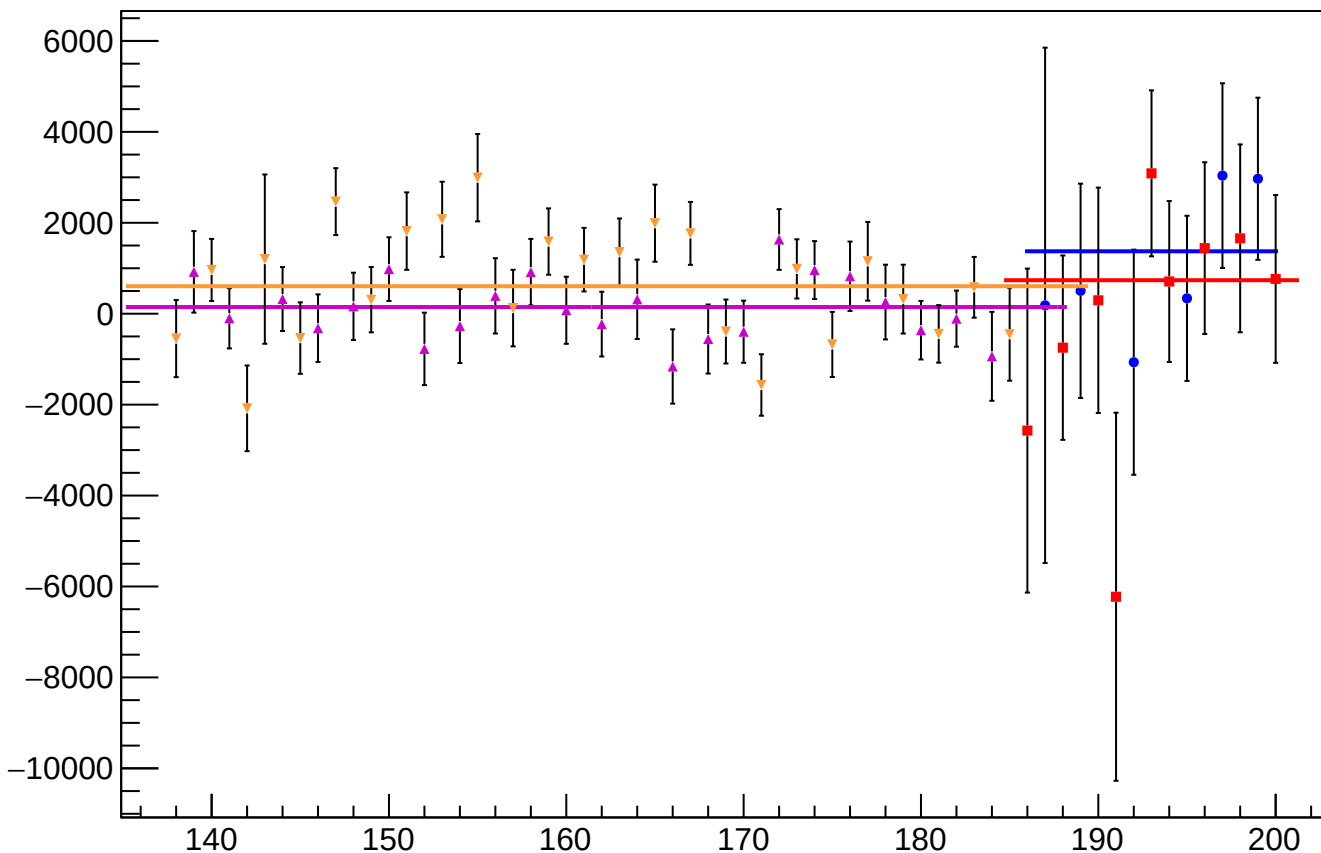
Left In: 1276.755 $\pm$ 0.216 χ^2 /NDF: 59434.2/22

+ sign 1293.644 $\pm$ 0.173 χ^2 /NDF: 923948.1/47

All: 1290.935 $\pm$ 0.120 χ^2 /NDF: 1338651.2/97

- sign 1288.419 $\pm$ 0.167 χ^2 /NDF: 414229.5/49

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 1373.004 ± 900.142 χ^2/NDF : 2.9/5

Left Out: 605.167 ± 153.922 χ^2/NDF : 60.0/24

Right Out: 736.794 ± 711.907 χ^2/NDF : 6.4/8

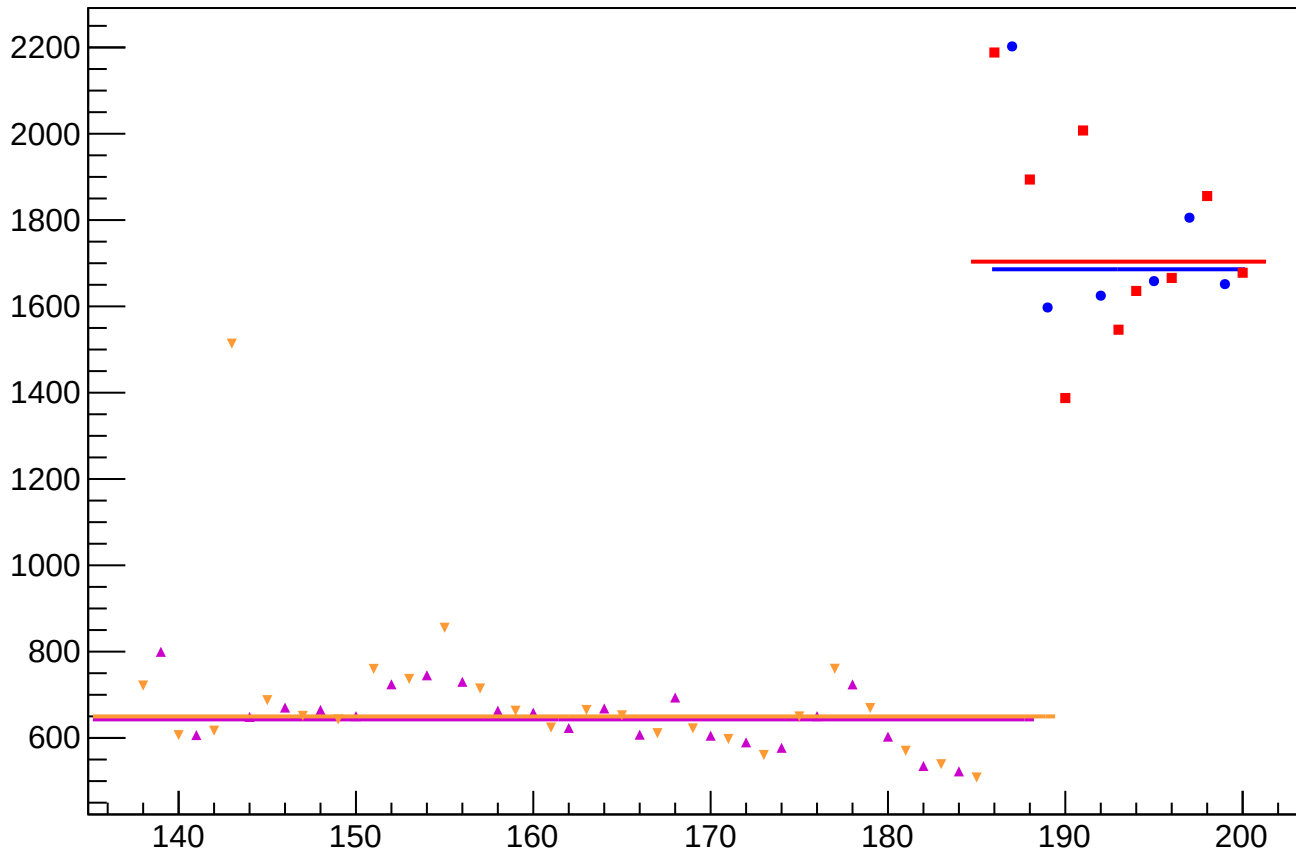
Left In: 147.044 ± 154.051 χ^2/NDF : 19.4/22

+ sign 626.981 ± 151.720 χ^2/NDF : 63.6/30

All: 398.472 ± 106.872 χ^2/NDF : 94.5/62

- sign 173.425 ± 150.566 χ^2/NDF : 26.4/31

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1685.948 $\pm$ 0.636 χ^2 /NDF: 28771.9/5

Left Out: 649.866 $\pm$ 0.109 χ^2 /NDF: 840823.5/24

Right Out: 1703.664 $\pm$ 0.503 χ^2 /NDF: 128268.9/8

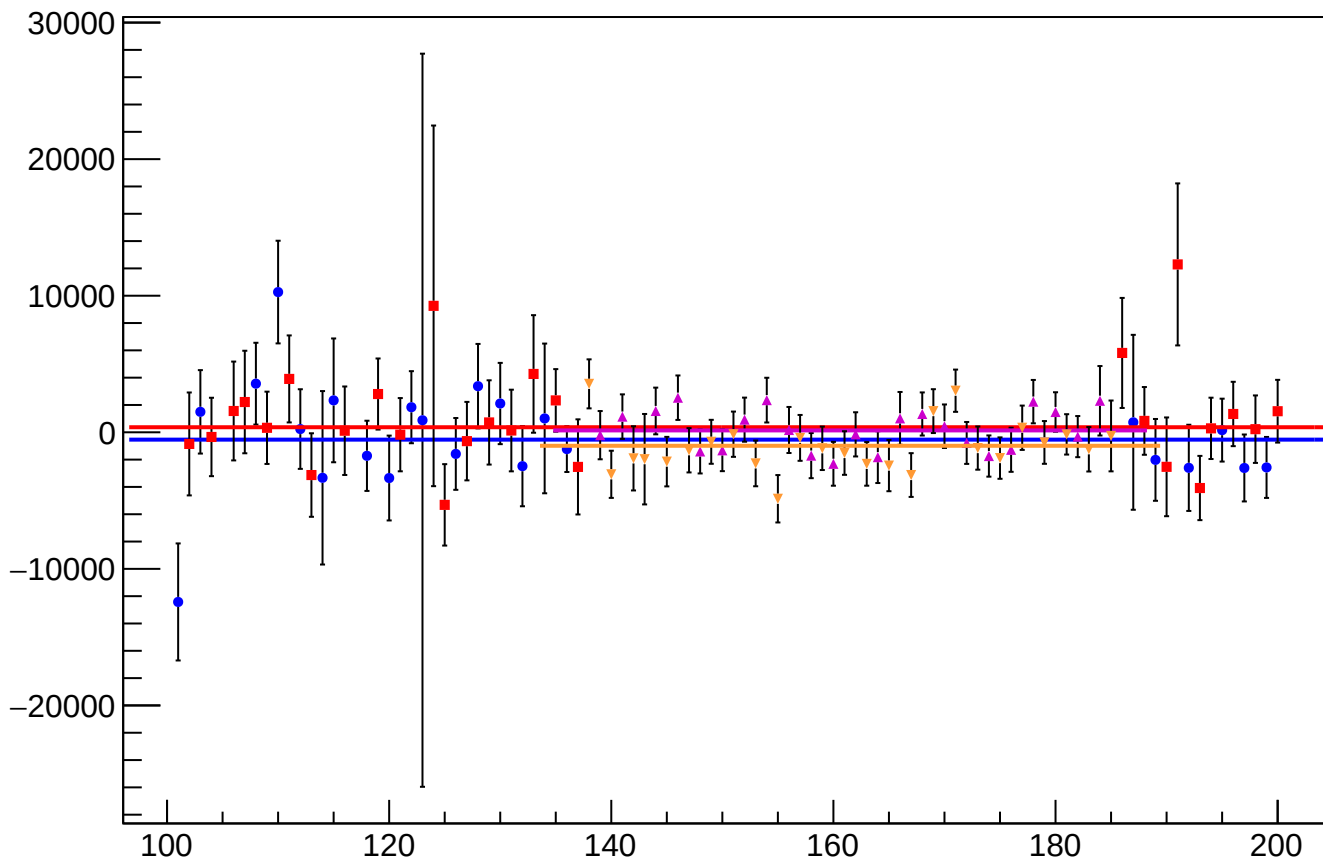
Left In: 643.008 $\pm$ 0.109 χ^2 /NDF: 323844.6/22

+ sign 679.301 $\pm$ 0.107 χ^2 /NDF: 3444017.6/30

All: 684.919 $\pm$ 0.076 χ^2 /NDF: 8142477.1/62

- sign 690.452 $\pm$ 0.106 χ^2 /NDF: 4693015.8/31

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -537.614+/-620.940 χ^2/NDF : 26.4/22

Left Out: -987.247+/-339.757 χ^2/NDF : 28.5/24

Right Out: 370.405+/-568.452 χ^2/NDF : 21.0/26

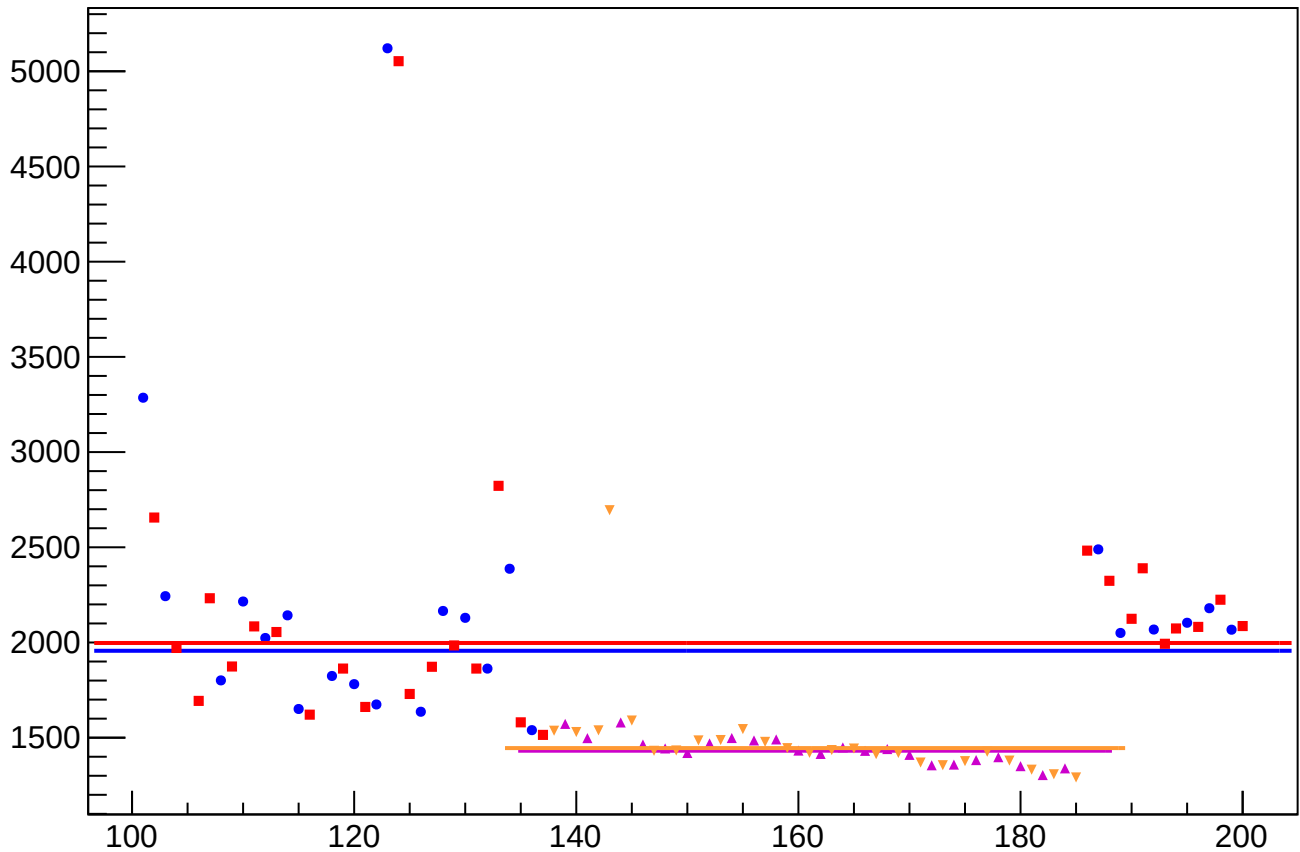
Left In: 137.780+/-342.262 χ^2/NDF : 18.8/22

+ sign -883.648+/-298.056 χ^2/NDF : 55.3/47

All: -333.119+/-209.025 χ^2/NDF : 102.0/97

- sign 199.673+/-293.216 χ^2/NDF : 39.9/49

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1956.454+/-0.439 χ^2/NDF : 530364.1/22

Left Out: 1445.418+/-0.240 χ^2/NDF : 374859.2/24

Right Out: 1997.439+/-0.402 χ^2/NDF : 562494.9/26

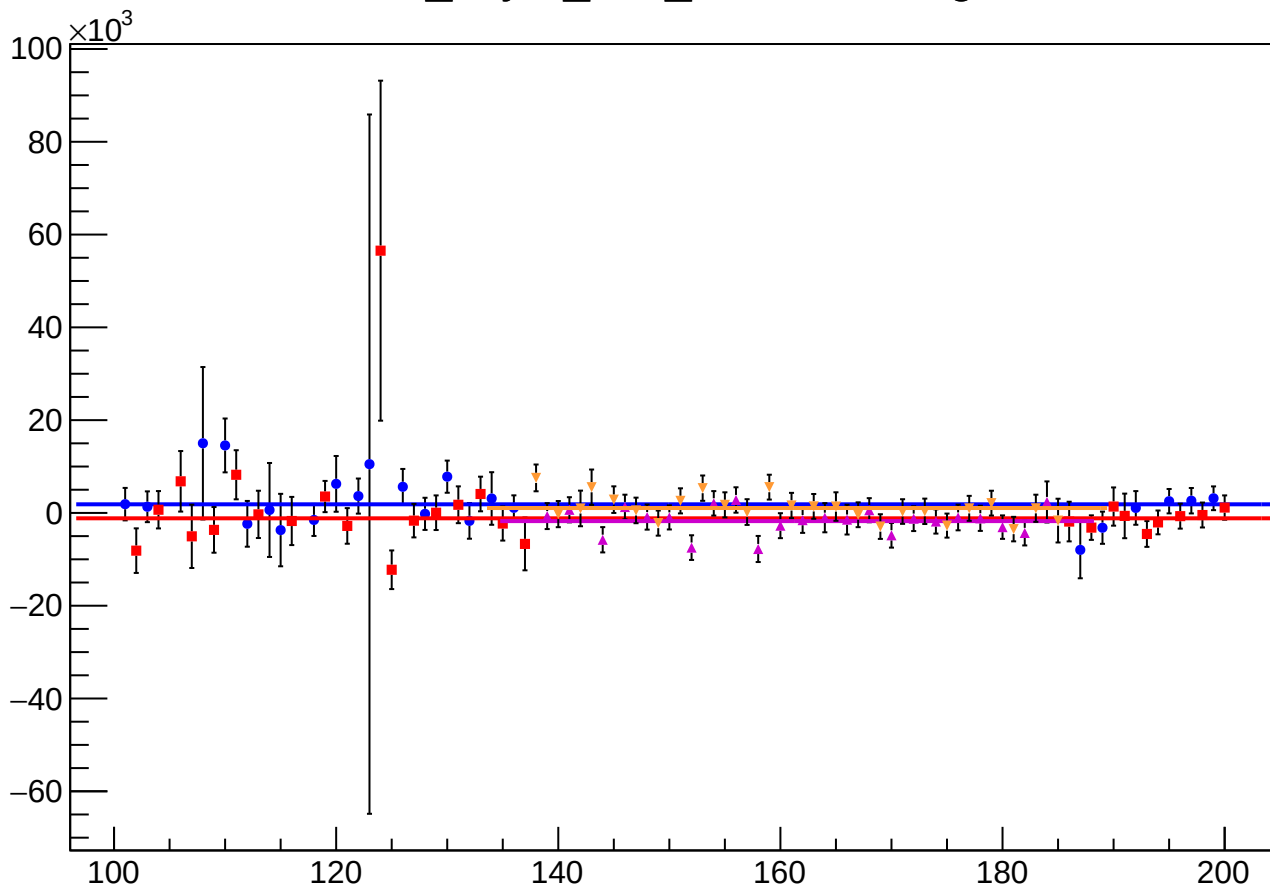
Left In: 1431.663+/-0.242 χ^2/NDF : 77792.5/22

+ sign 1563.165+/-0.211 χ^2/NDF : 1947777.8/47

All: 1572.837+/-0.148 χ^2/NDF : 4046313.9/97

- sign 1582.198+/-0.207 χ^2/NDF : 2094391.9/49

dit_asym_atl1_mean vs Slug



Right In: 1858.676 ± 805.296 $\chi^2/\text{NDF}: 18.8/22$

Left Out: 1057.276 ± 566.243 $\chi^2/\text{NDF}: 22.7/24$

Right Out: -1161.162 ± 723.667 $\chi^2/\text{NDF}: 26.4/26$

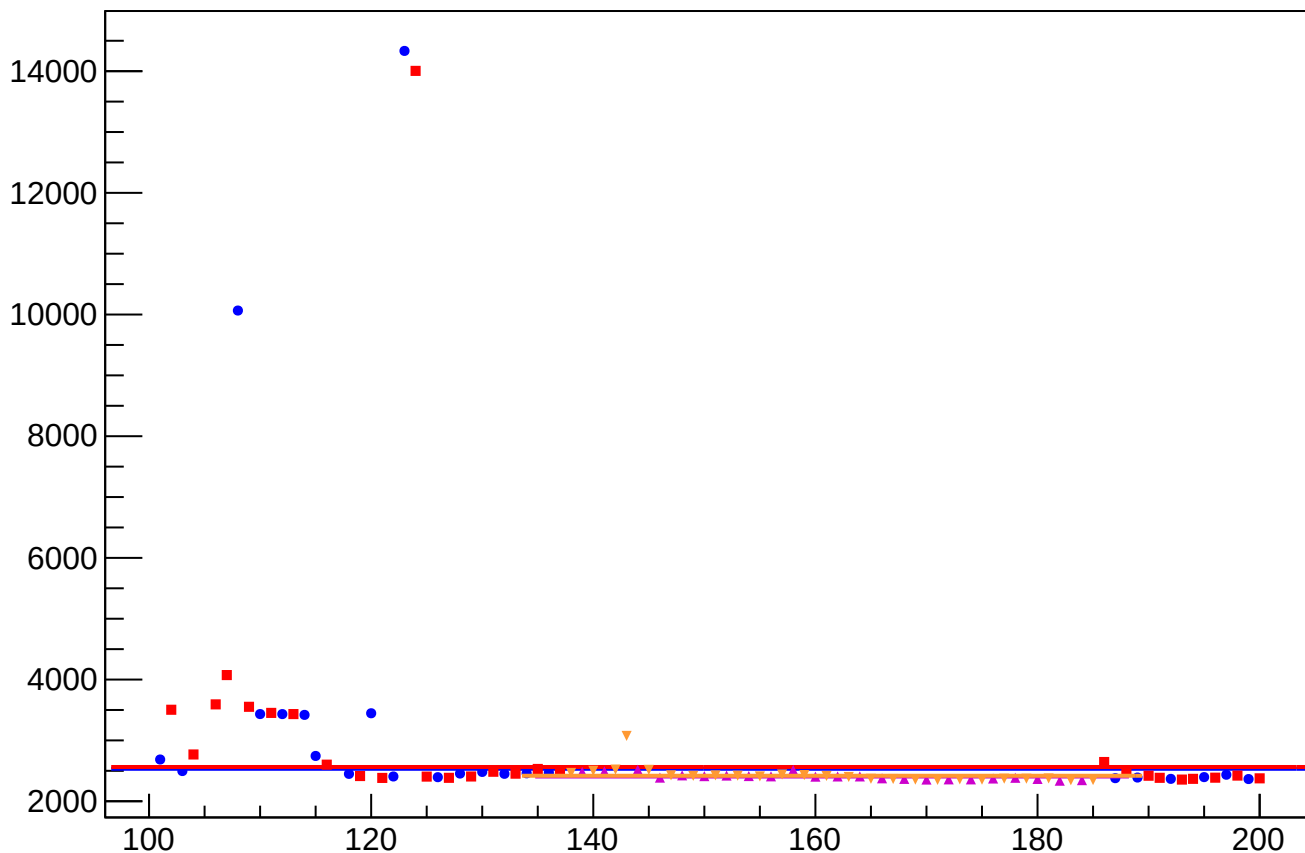
Left In: -1762.122 ± 574.660 $\chi^2/\text{NDF}: 23.2/22$

+ sign 1322.414 ± 463.198 $\chi^2/\text{NDF}: 42.2/47$

All: -144.777 ± 322.773 $\chi^2/\text{NDF}: 111.7/97$

- sign -1529.717 ± 450.027 $\chi^2/\text{NDF}: 50.1/49$

dit_asym_atl1_rms vs Slug



Right In: 2533.394 $\pm$ 0.569 χ^2 /NDF: 686334.4/22

Left Out: 2418.972 $\pm$ 0.400 χ^2 /NDF: 74779.7/24

Right Out: 2562.898 $\pm$ 0.512 χ^2 /NDF: 697060.4/26

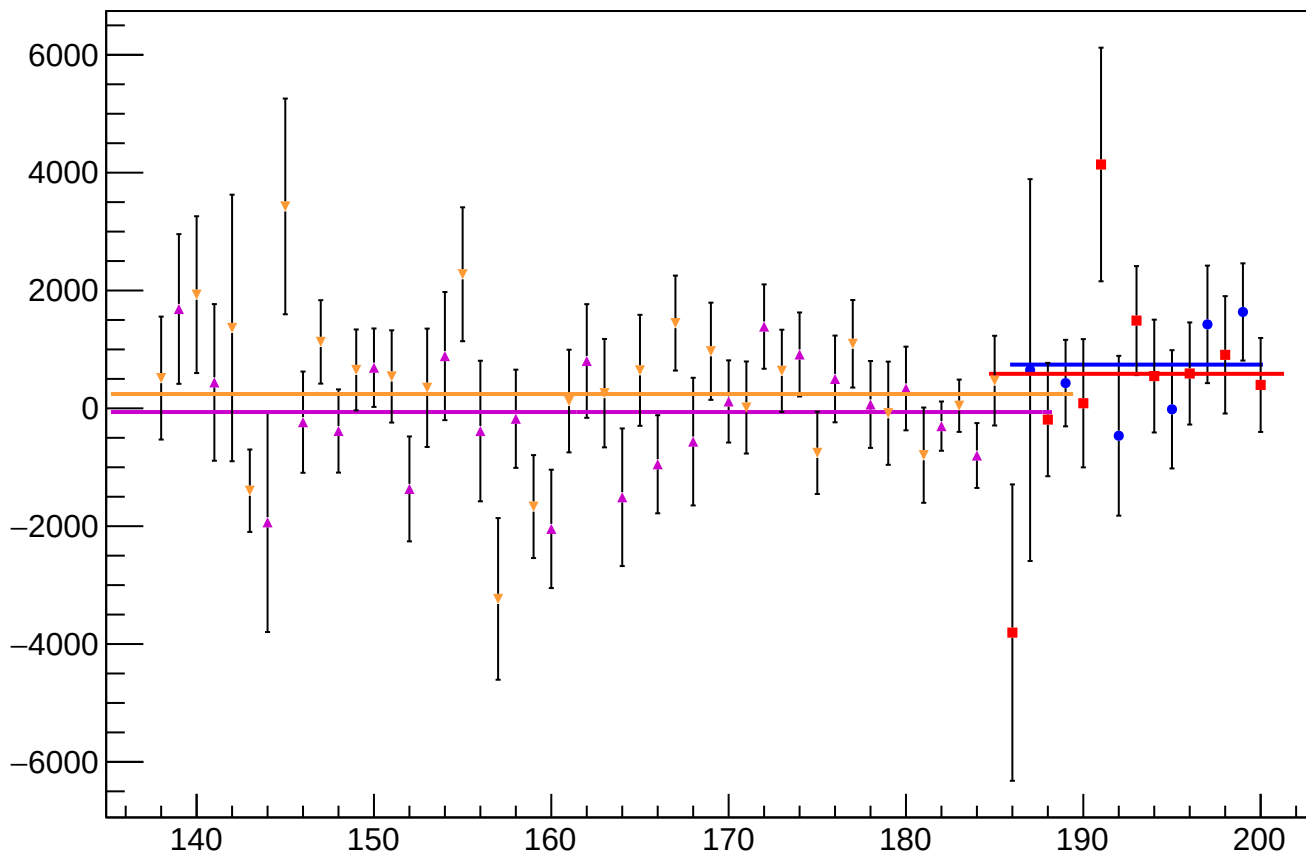
Left In: 2406.443 $\pm$ 0.406 χ^2 /NDF: 15245.2/22

+ sign 2456.828 $\pm$ 0.328 χ^2 /NDF: 788132.6/47

All: 2462.034 $\pm$ 0.228 χ^2 /NDF: 1558259.7/97

- sign 2466.948 $\pm$ 0.318 χ^2 /NDF: 769636.0/49

asym_atl1_correction_mean vs Slug



Right In: 742.318 ± 409.514 χ^2/NDF : 3.2/5

Left Out: 243.135 ± 163.940 χ^2/NDF : 36.0/24

Right Out: 585.847 ± 342.805 χ^2/NDF : 8.2/8

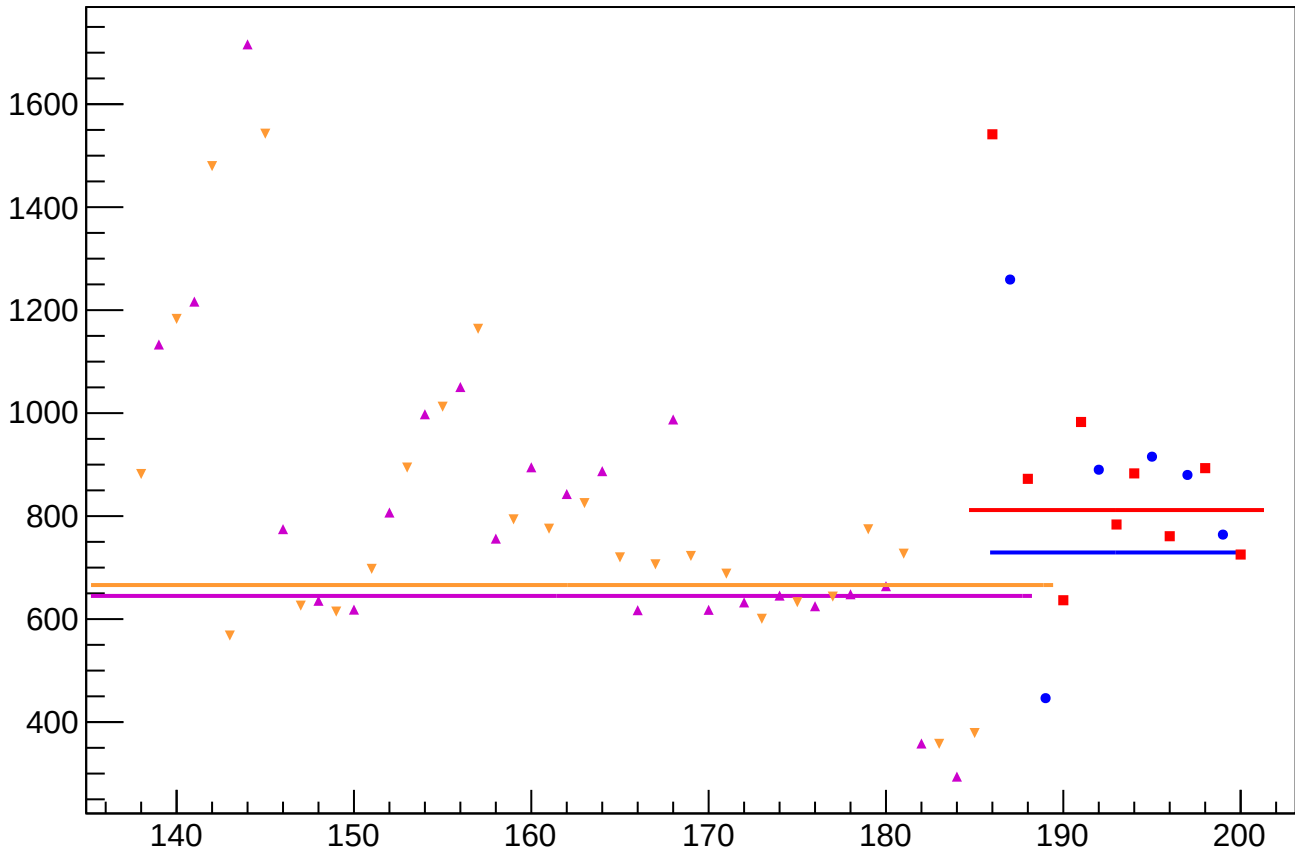
Left In: -62.569 ± 164.169 χ^2/NDF : 24.3/22

+ sign 312.086 ± 152.198 χ^2/NDF : 40.4/30

All: 181.751 ± 106.129 χ^2/NDF : 77.3/62

- sign 58.398 ± 148.066 χ^2/NDF : 35.4/31

asym_atl1_correction_rms vs Slug



Right In: 729.380 $\pm$ 0.290 χ^2 /NDF: 496542.5/5

Left Out: 666.133 $\pm$ 0.116 χ^2 /NDF: 3190574.7/24

Right Out: 811.759 $\pm$ 0.242 χ^2 /NDF: 299591.7/8

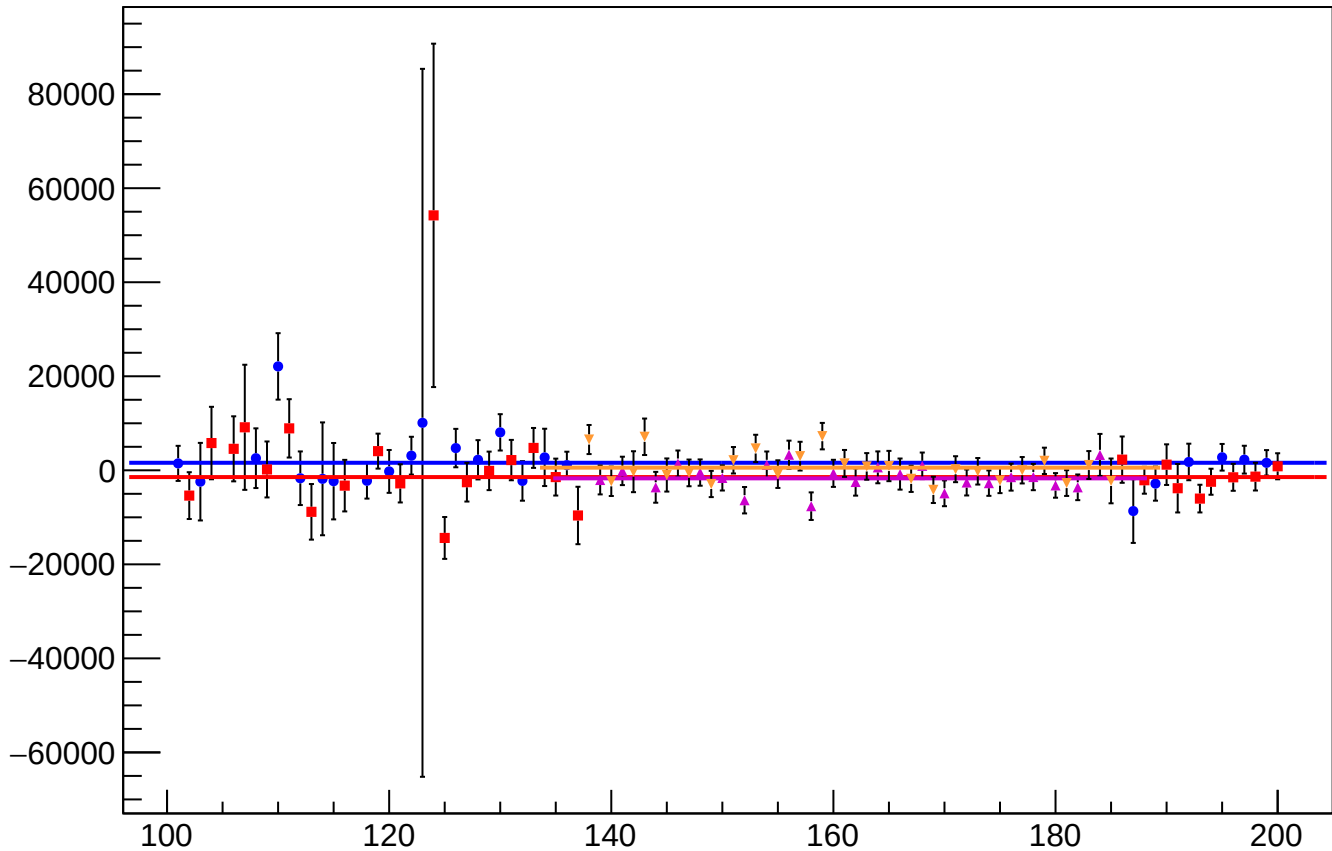
Left In: 645.011 $\pm$ 0.116 χ^2 /NDF: 4176295.6/22

+ sign 674.869 $\pm$ 0.108 χ^2 /NDF: 3728233.9/30

All: 675.511 $\pm$ 0.075 χ^2 /NDF: 8589120.4/62

- sign 676.119 $\pm$ 0.105 χ^2 /NDF: 4860817.2/31

asym_atl1_mean vs Slug



Right In: 1601.834 ± 879.377 χ^2/NDF : 19.0/22

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

Right Out: -1439.903 ± 797.595 χ^2/NDF : 29.8/26

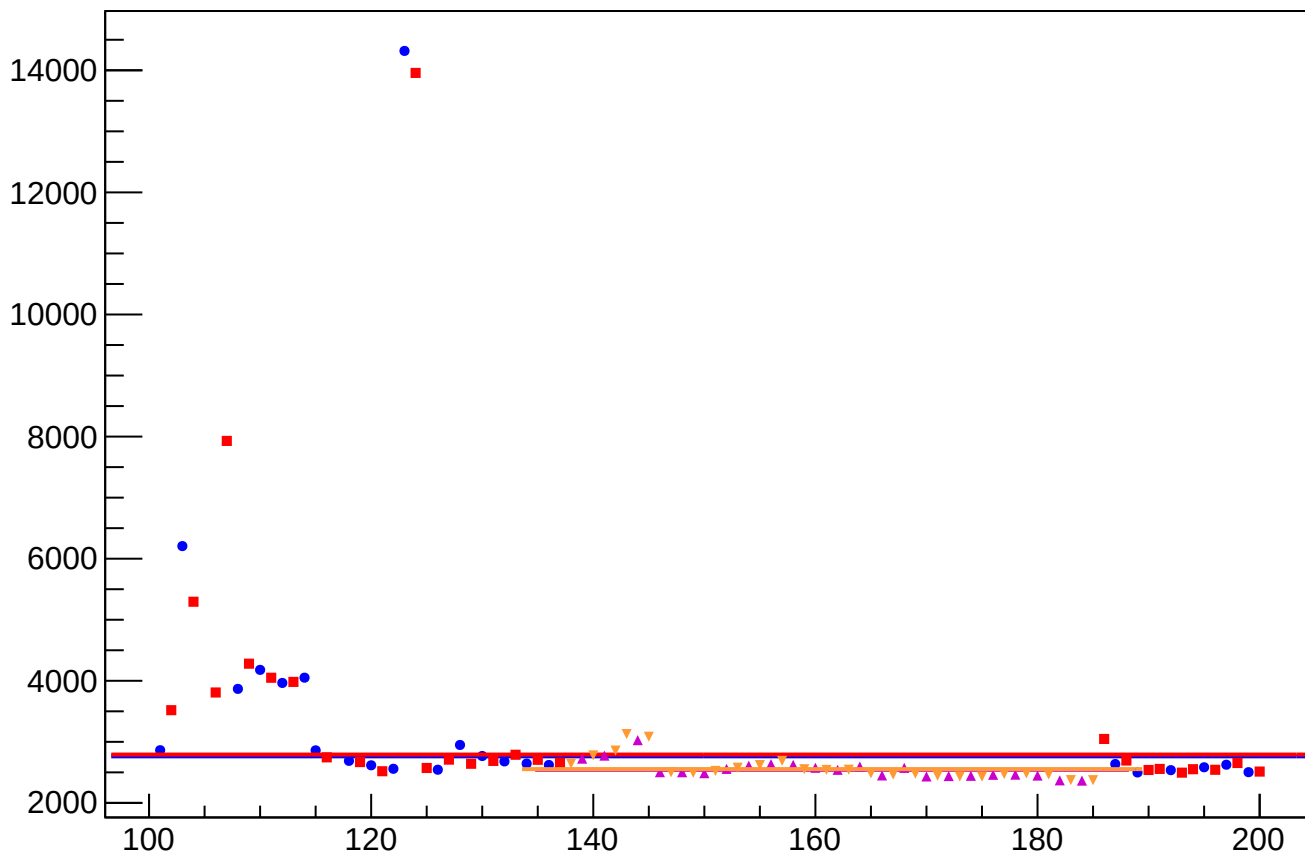
Left In: -1713.317 ± 607.775 χ^2/NDF : 18.1/22

+ sign 894.303 ± 494.670 χ^2/NDF : 45.1/47

All: -388.123 ± 345.738 χ^2/NDF : 106.2/97

- sign -1612.878 ± 483.419 χ^2/NDF : 47.9/49

asym_atl1_rms vs Slug



Right In: 2762.532 $\pm$ 0.622 χ^2 /NDF: 723214.5/22

Left Out: 2553.097 $\pm$ 0.423 χ^2 /NDF: 148430.5/24

Right Out: 2791.722 $\pm$ 0.564 χ^2 /NDF: 1187227.9/26

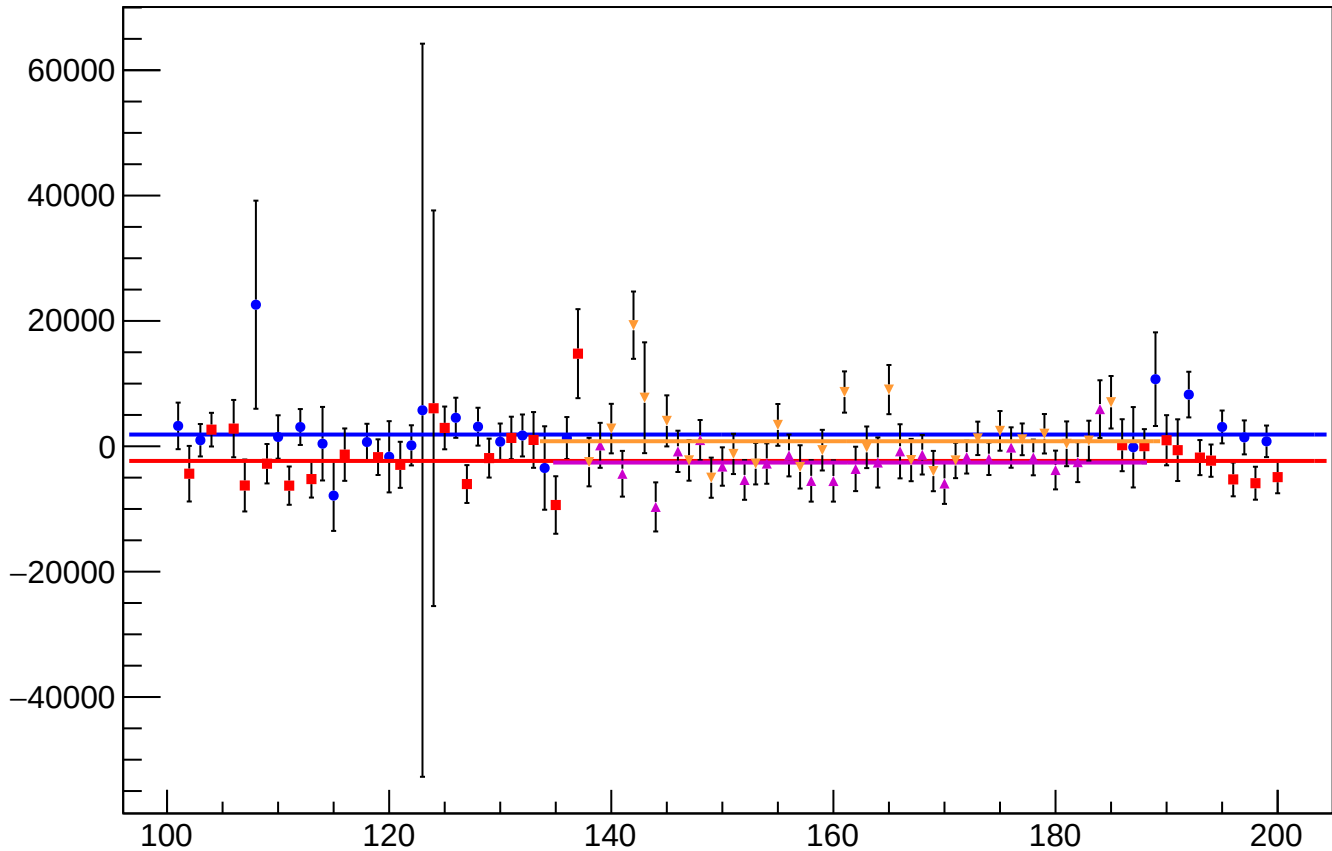
Left In: 2541.950 $\pm$ 0.430 χ^2 /NDF: 97238.4/22

+ sign 2619.369 $\pm$ 0.350 χ^2 /NDF: 949191.0/47

All: 2626.701 $\pm$ 0.244 χ^2 /NDF: 2358600.2/97

- sign 2633.704 $\pm$ 0.342 χ^2 /NDF: 1408550.0/49

dit_asym_atl2_mean vs Slug



Right In: 1873.709 ± 740.772 χ^2/NDF : 12.6/22

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

Right Out: -2336.556 ± 647.055 χ^2/NDF : 28.5/26

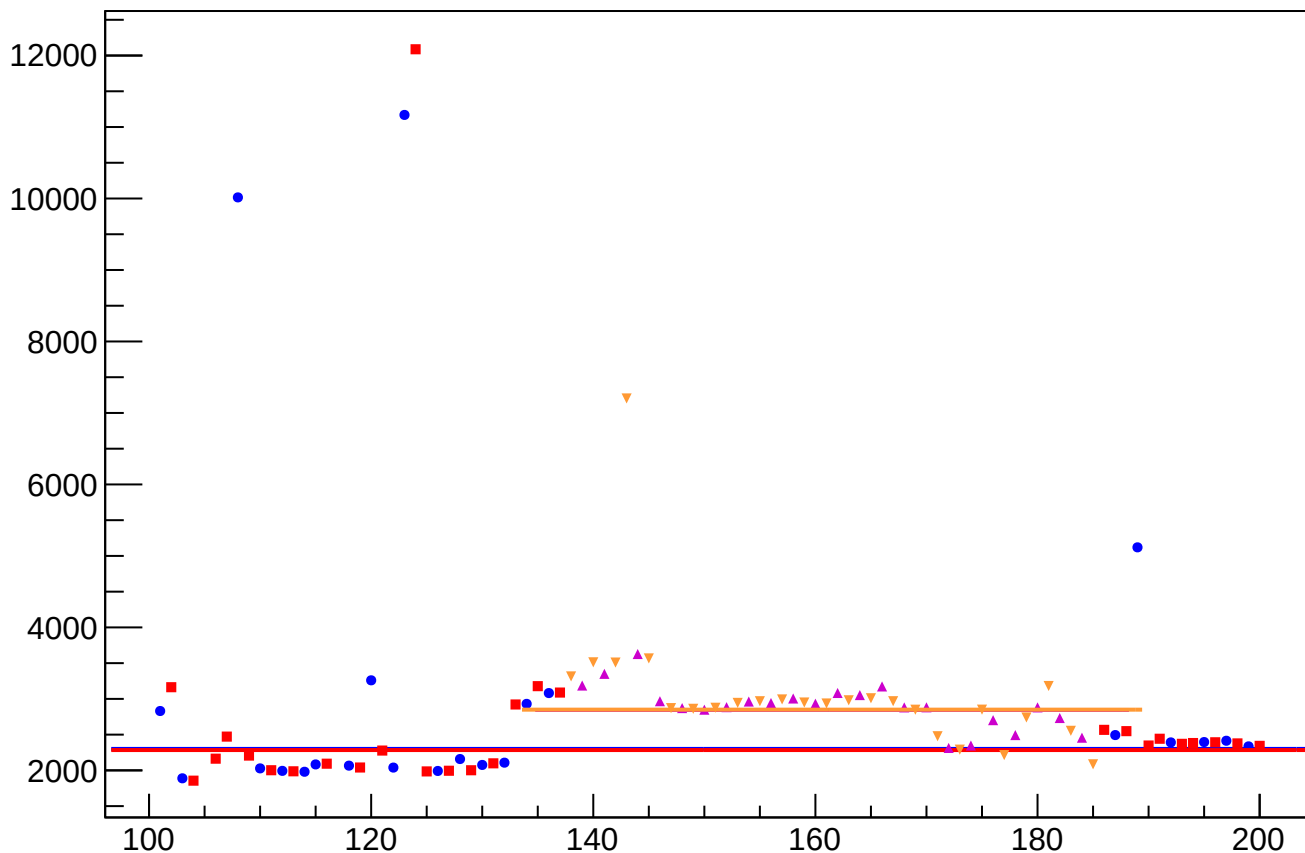
Left In: -2595.551 ± 683.824 χ^2/NDF : 14.0/22

+ sign 1293.033 ± 499.945 χ^2/NDF : 52.9/47

All: -698.664 ± 342.437 χ^2/NDF : 125.3/97

- sign -2458.904 ± 469.999 χ^2/NDF : 42.5/49

dit_asym_atl2_rms vs Slug



Right In: 2300.053+/-0.524 χ^2/NDF : 1159906.1/22

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

Right Out: 2284.232+/-0.457 χ^2/NDF : 627007.3/26

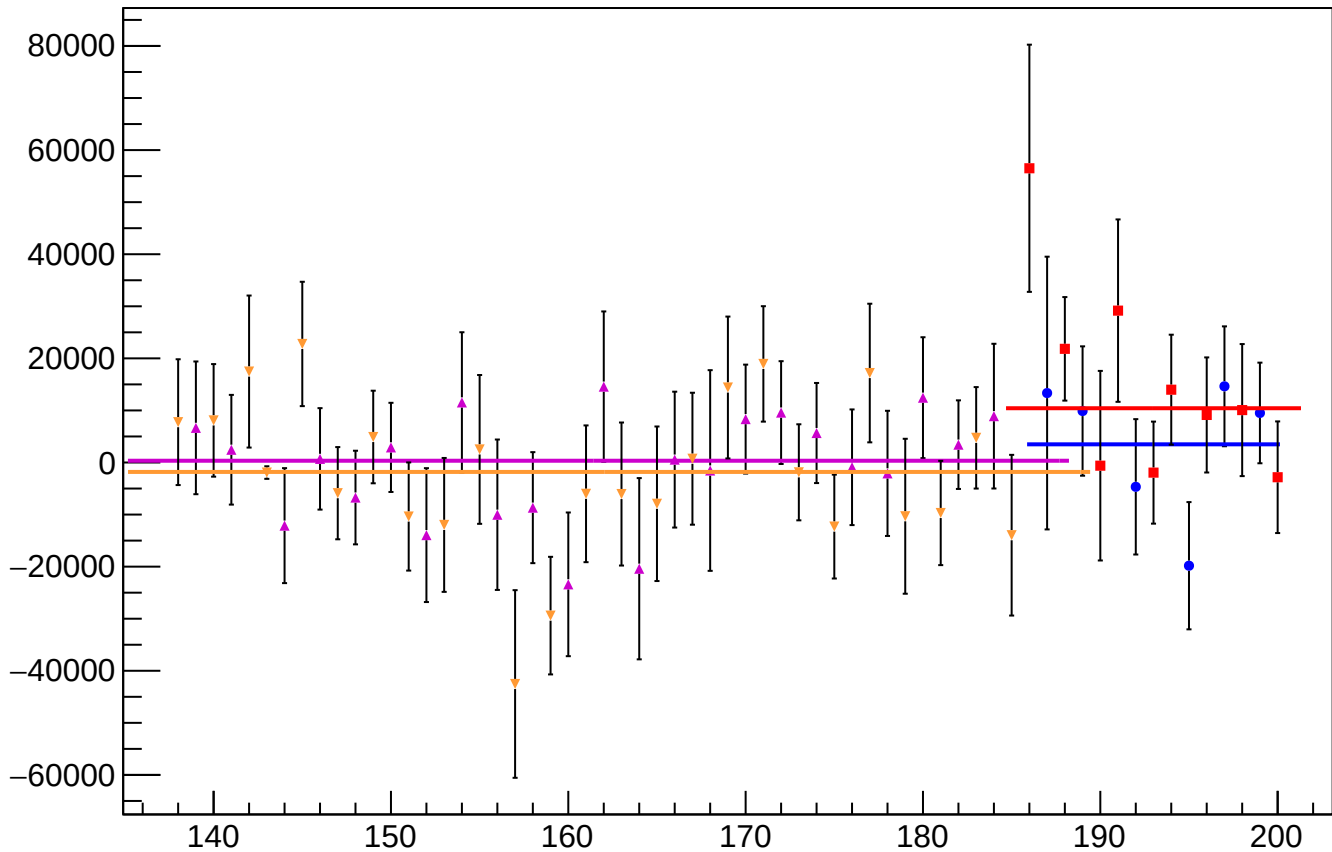
Left In: 2844.779+/-0.484 χ^2/NDF : 383776.8/22

+ sign 2599.101+/-0.354 χ^2/NDF : 2792982.6/47

All: 2572.454+/-0.242 χ^2/NDF : 4523797.3/97

- sign 2548.913+/-0.332 χ^2/NDF : 1720113.1/49

asym_atl2_correction_mean vs Slug



Right In: 3489.896 $\pm$ 5075.964 χ^2 /NDF: 5.8/5

Left Out: -1810.593 $\pm$ 1078.173 χ^2 /NDF:31.2/24

Right Out: 10422.838 $\pm$ 4060.339 χ^2 /NDF: 9.8/8

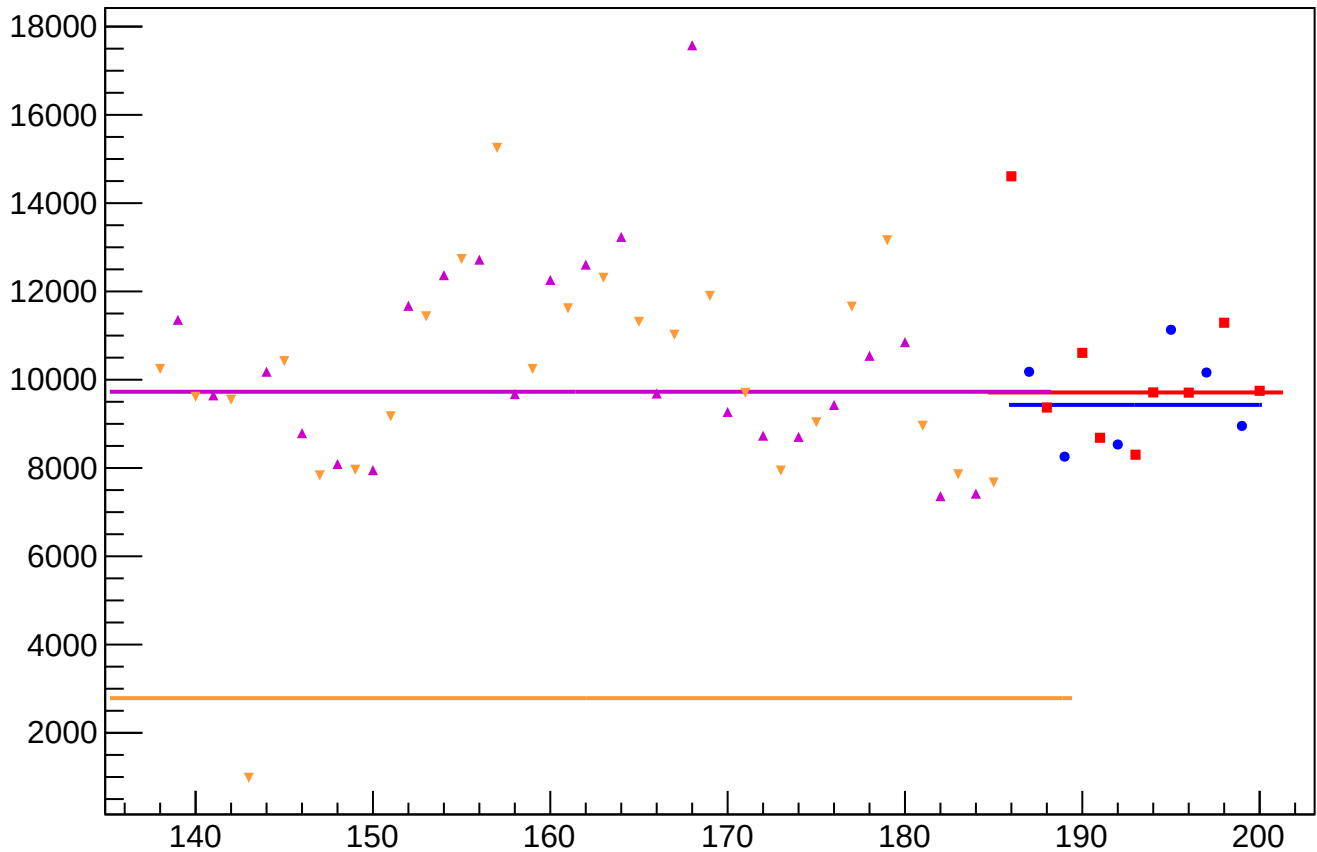
Left In: 339.260 $\pm$ 2365.986 χ^2 /NDF:14.2/22

+ sign -1581.775 $\pm$ 1054.644 χ^2 /NDF: 38.0/30

All: -640.656 $\pm$ 937.263 χ^2 /NDF: 70.5/62

- sign 2895.234 $\pm$ 2044.246 χ^2 /NDF: 28.7/31

asym_atl2_correction_rms vs Slug



Right In: 9430.077+/-3.589 χ^2/NDF : 80749.5/5

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

Right Out: 9711.762+/-2.871 χ^2/NDF : 171715.4/8

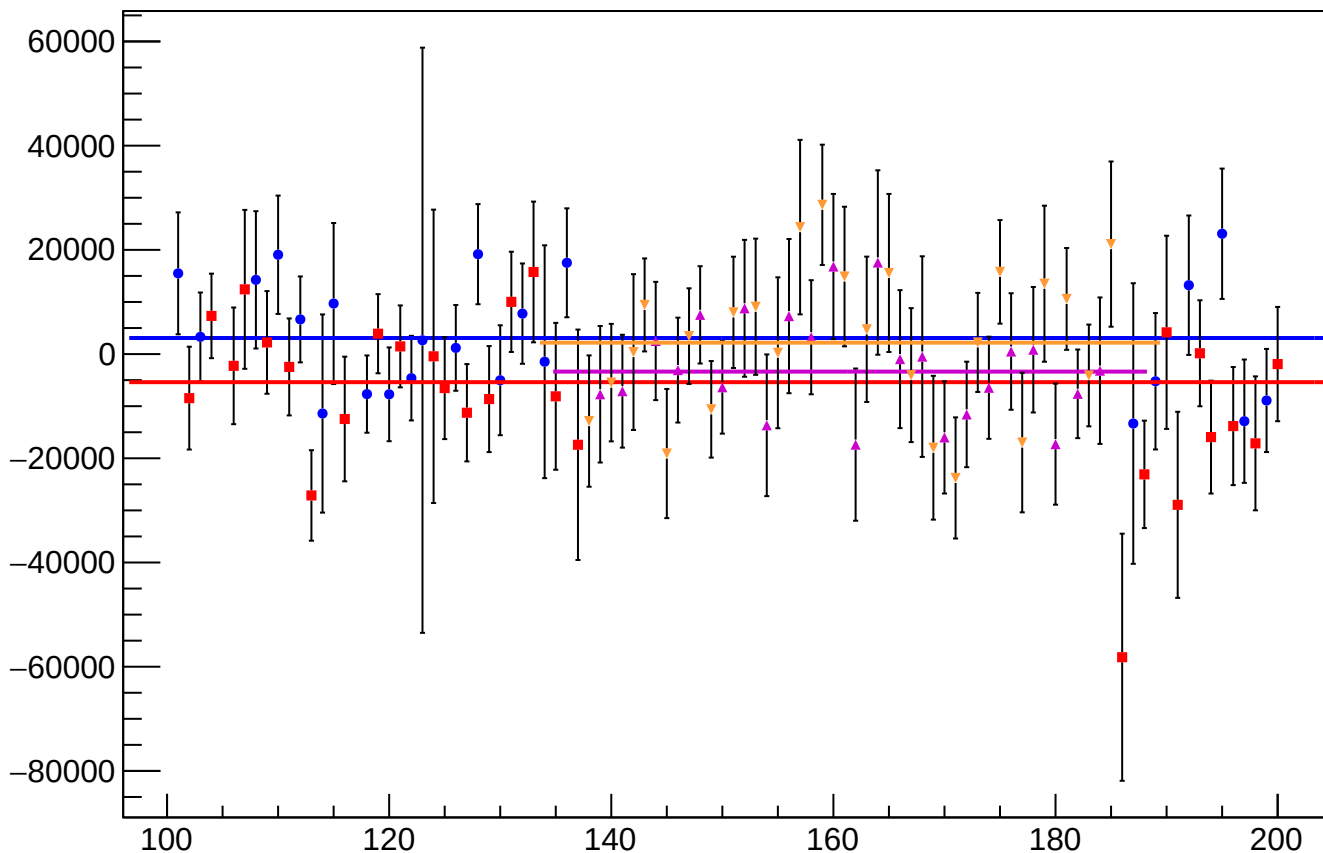
Left In: 9727.255+/-1.673 χ^2/NDF :1261406.7/22

+ sign 3073.261+/-0.746 χ^2/NDF : 26222007.0/30

All: 4471.181+/-0.663 χ^2/NDF : 44370923.5/6

- sign 9723.328+/-1.446 χ^2/NDF : 1433143.9/31

asym_atl2_mean vs Slug



Right In: 3086.119+/-2262.090 χ^2/NDF : 22.1/22

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

Right Out: -5389.150+/-2098.263 χ^2/NDF : 32.1/26

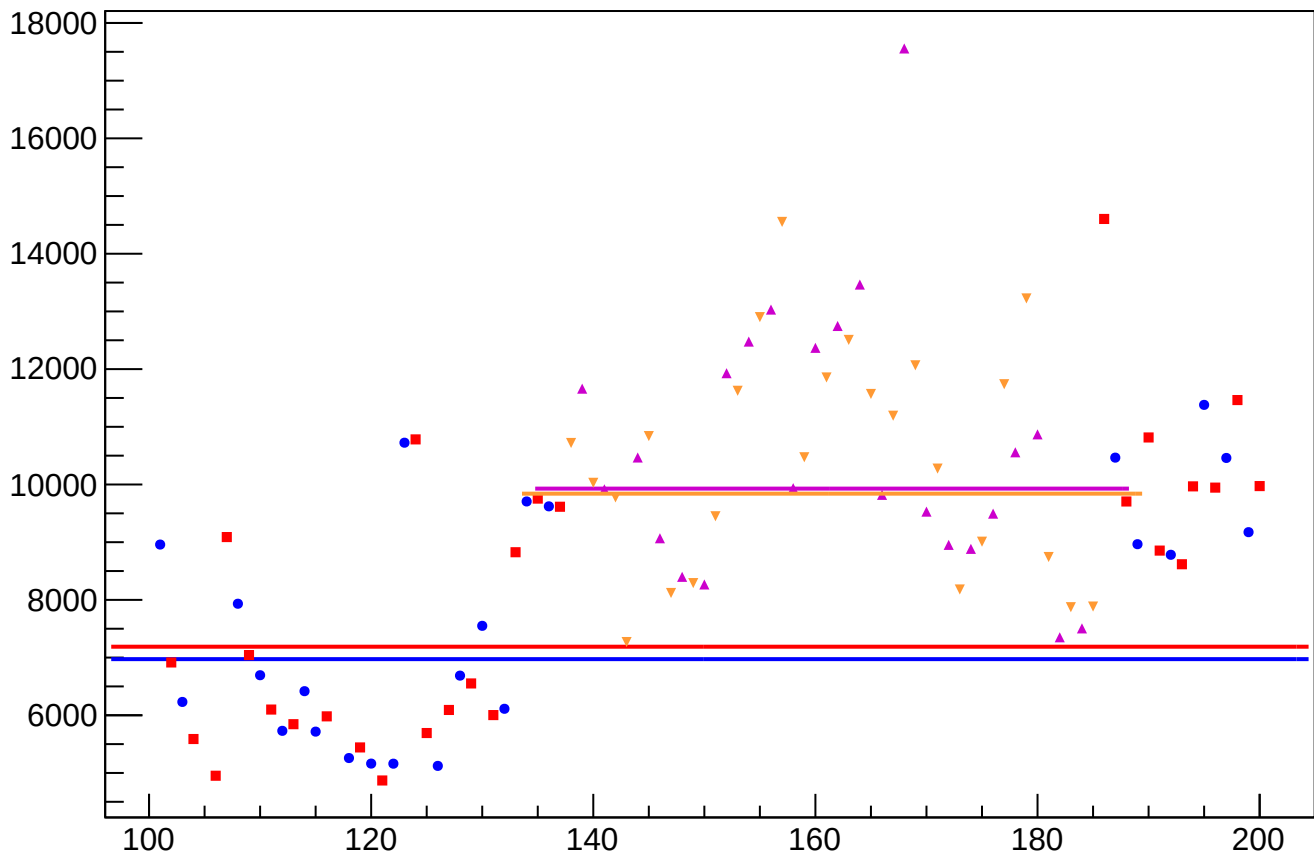
Left In: -3362.489+/-2413.842 χ^2/NDF : 12.8/22

+ sign 2655.754+/-1628.598 χ^2/NDF : 53.3/47

All: -1031.023+/-1135.348 χ^2/NDF : 108.6/97

- sign -4516.875+/-1583.598 χ^2/NDF : 45.3/49

asym_atl2_rms vs Slug



Right In: 6972.918+/-1.600 χ^2/NDF : 1362197.9/22

Left Out: 9841.227+/-1.659 χ^2/NDF : 1184767.7/24

Right Out: 7188.360+/-1.484 χ^2/NDF : 1879509.5/26

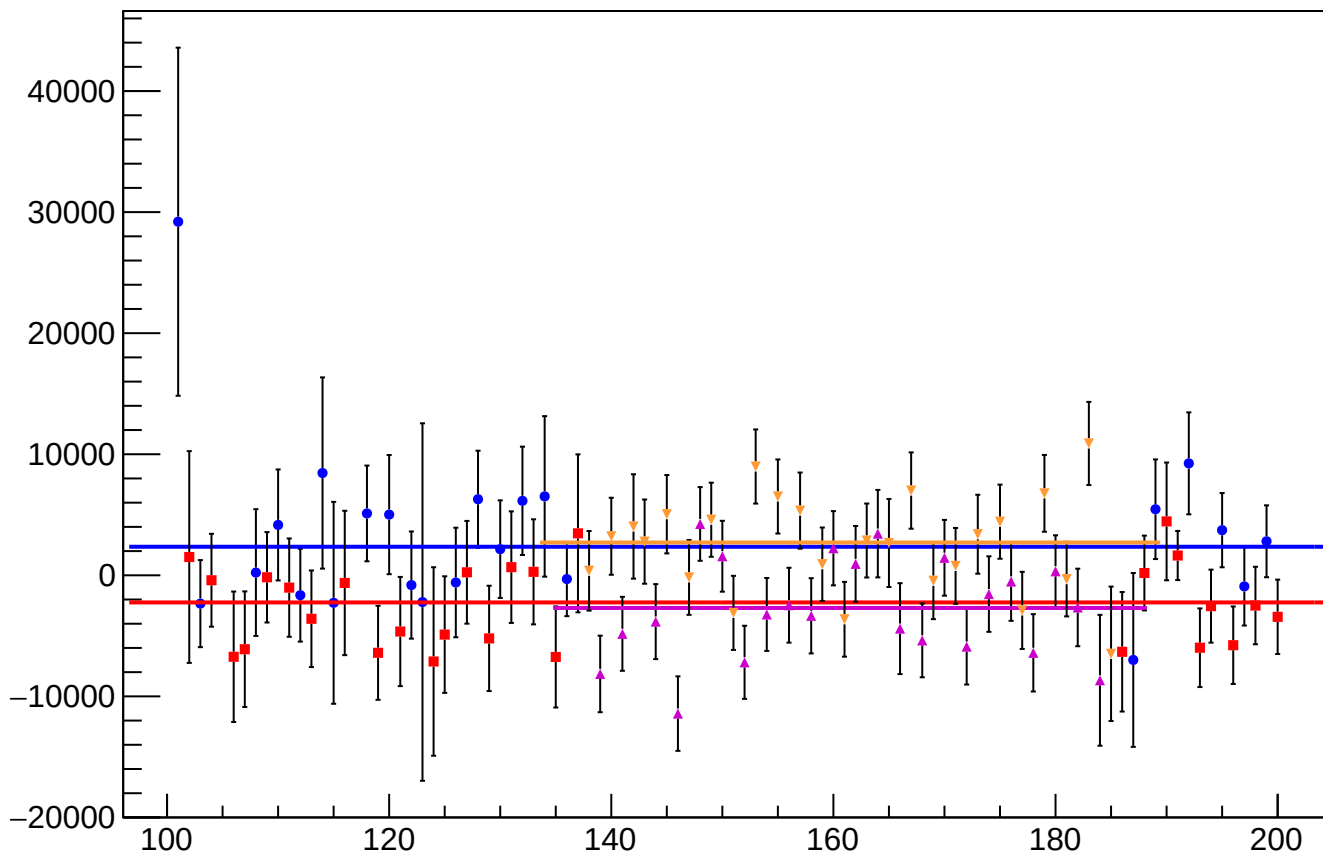
Left In: 9928.662+/-1.707 χ^2/NDF : 1220804.9/22

+ sign 8354.485+/-1.152 χ^2/NDF : 4095824.0/47

All: 8361.298+/-0.803 χ^2/NDF : 8664430.6/97

- sign 8367.739+/-1.120 χ^2/NDF : 4568538.4/49

dit_asym_atr1_mean vs Slug



Right In: 2358.143 ± 902.567 χ^2/NDF : 18.3/22

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

Right Out: -2241.037 ± 748.642 χ^2/NDF : 17.5/26

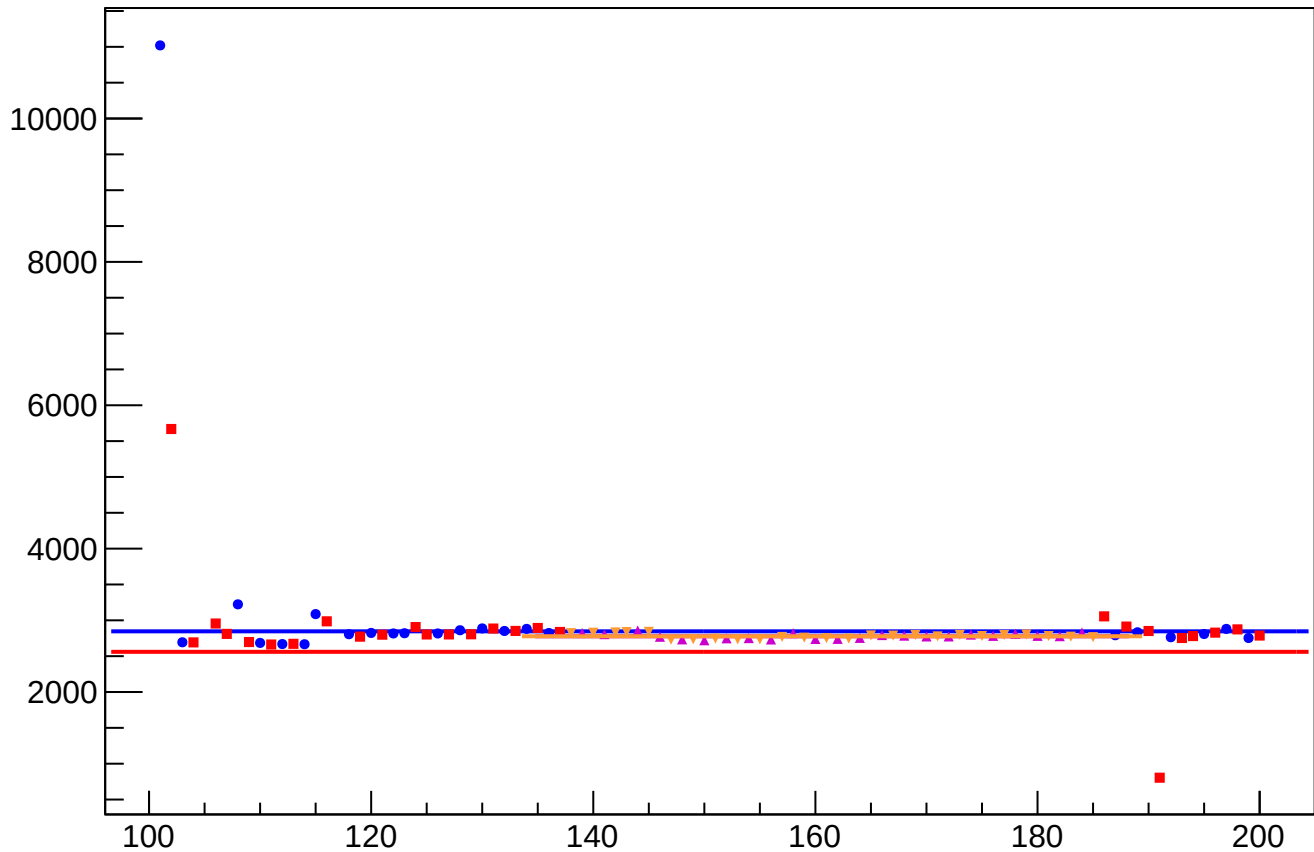
Left In: -2697.794 ± 662.544 χ^2/NDF : 36.1/22

+ sign 2591.809 ± 526.830 χ^2/NDF : 53.2/47

All: -105.174 ± 361.190 χ^2/NDF : 156.4/97

- sign -2497.180 ± 496.150 χ^2/NDF : 53.8/49

dit_asym_atr1_rms vs Slug



Right In: 2846.413+/-0.638 χ^2/NDF : 674067.5/22

Left Out: 2777.450+/-0.459 χ^2/NDF : 5253.1/24

Right Out: 2560.579+/-0.529 χ^2/NDF : 1968393.6/26

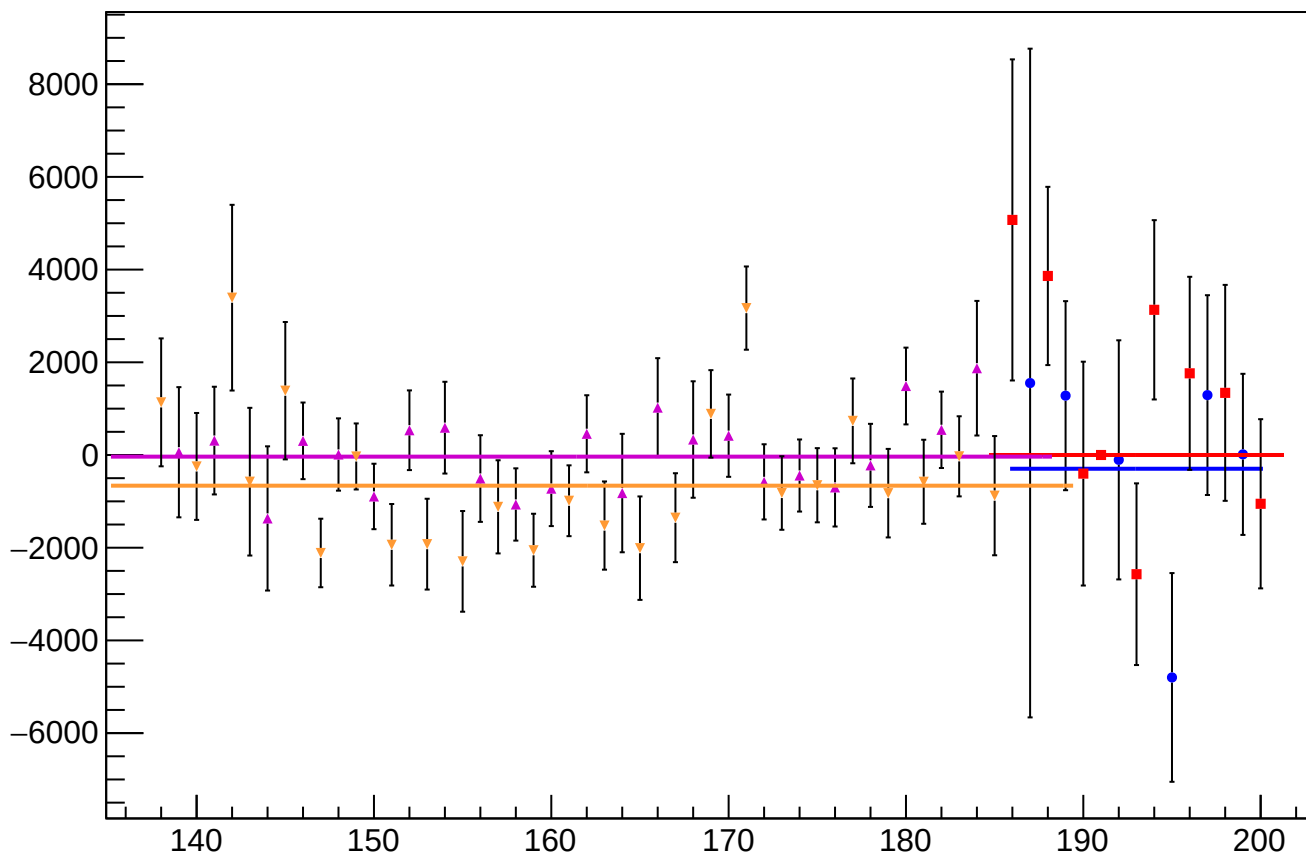
Left In: 2777.355+/-0.468 χ^2/NDF : 5488.7/22

+ sign 2800.946+/-0.373 χ^2/NDF : 687018.4/47

All: 2737.985+/-0.255 χ^2/NDF : 2808838.4/97

- sign 2682.144+/-0.351 χ^2/NDF : 2067920.0/49

asym_atr1_correction_mean vs Slug



Right In: -296.459 +/- 931.009 χ^2/NDF : 5.2/5

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

Right Out: 0.276 +/- 4.105 χ^2/NDF : 11.9/8

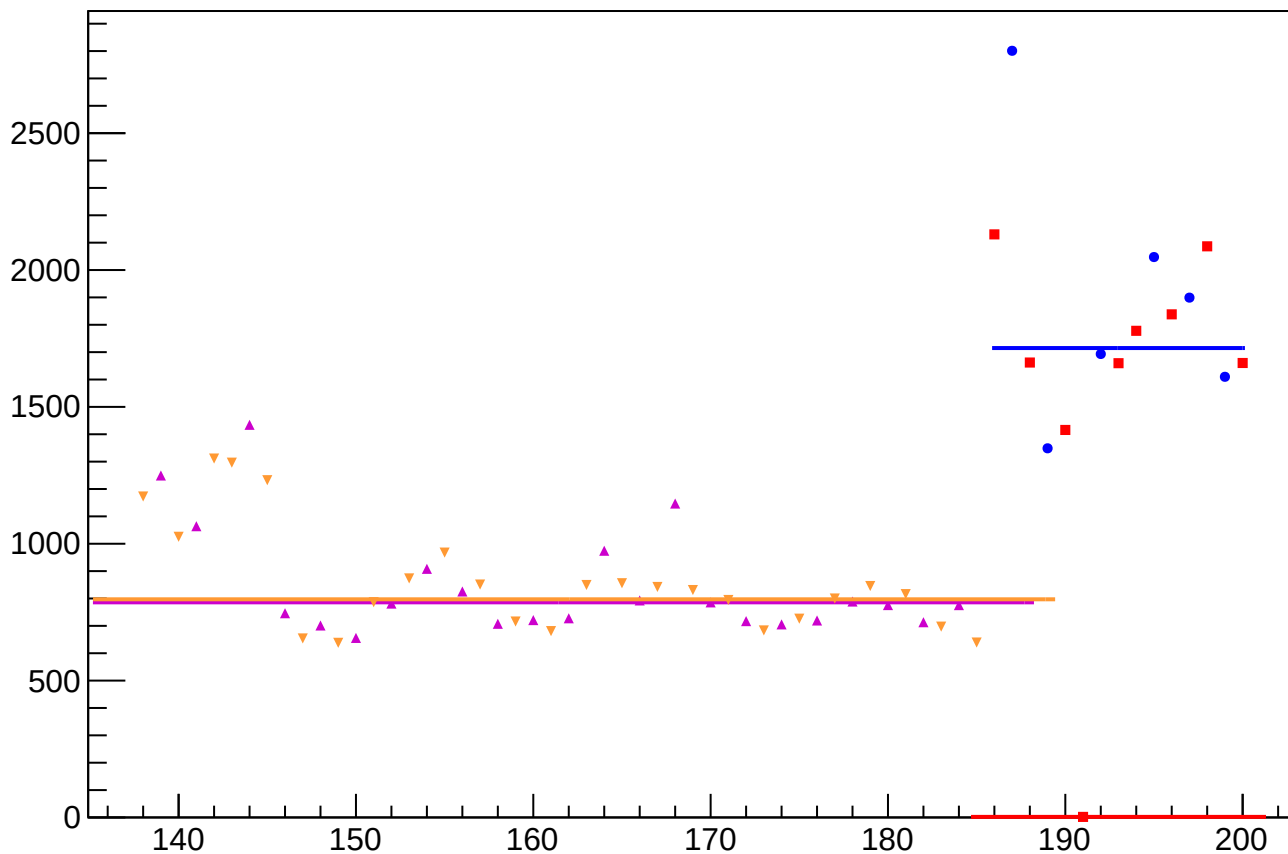
Left In: -35.366 +/- 190.553 χ^2/NDF : 15.1/22

+ sign -647.121 +/- 186.372 χ^2/NDF : 54.1/30

All: -0.054 +/- 4.103 χ^2/NDF : 93.2/62

- sign 0.260 +/- 4.104 χ^2/NDF : 27.1/31

asym_atr1_correction_rms vs Slug



Right In: 1714.973 $\pm$ 0.658 χ^2 /NDF: 175512.4/5

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

Right Out: 2.089 $\pm$ 0.003 χ^2 /NDF: 10855647.6/8

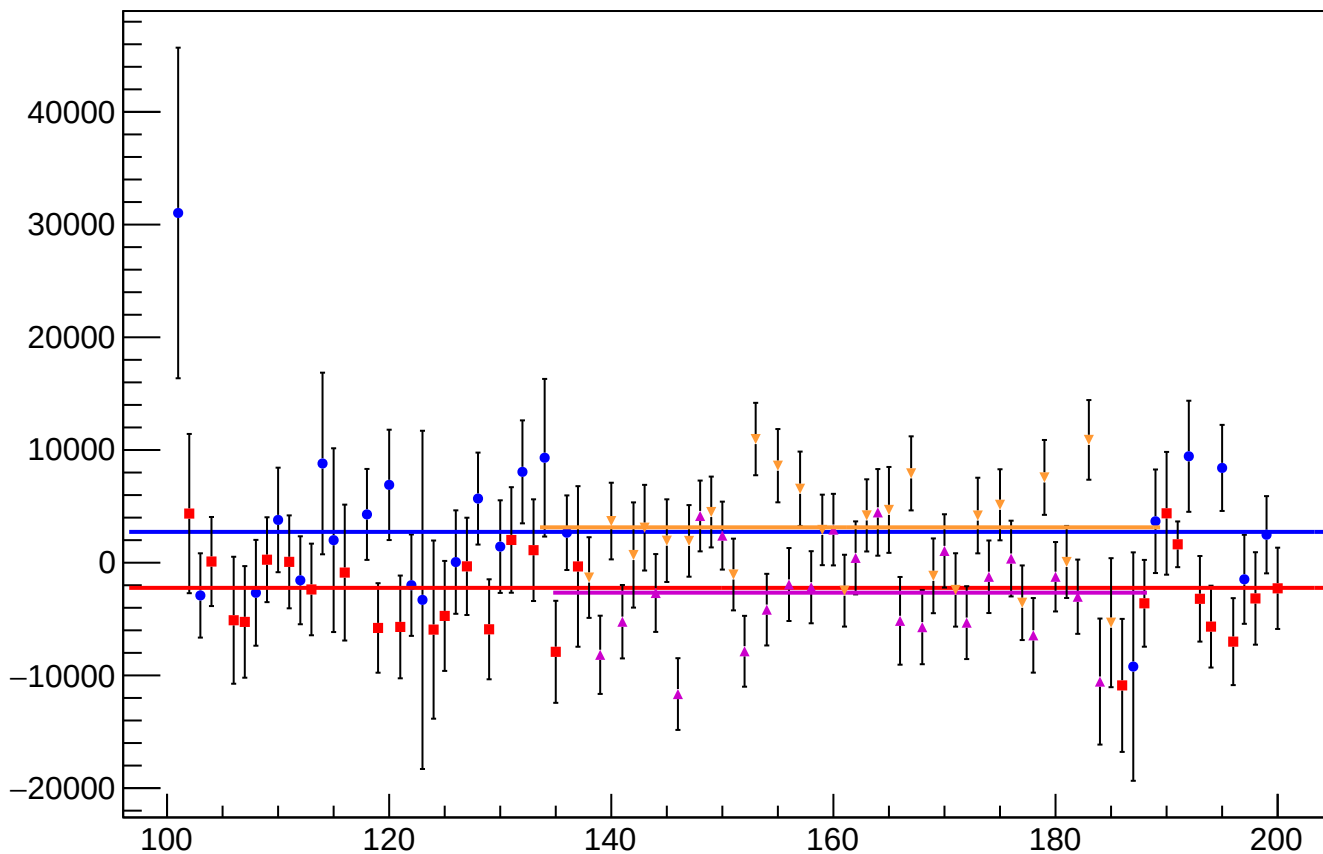
Left In: 785.928 $\pm$ 0.135 χ^2 /NDF: 1126027.7/22

+ sign 833.780 $\pm$ 0.132 χ^2 /NDF: 3216883.6/30

All: 2.856 $\pm$ 0.003 χ^2 /NDF: 88798819.5/62

- sign 2.453 $\pm$ 0.003 χ^2 /NDF: 45807573.4/31

asym_atr1_mean vs Slug



Right In: 2734.653 $\pm$ 969.576 χ^2 /NDF: 21.1/22

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

Right Out: -2232.201 $\pm$ 807.779 χ^2 /NDF: 18.3/26

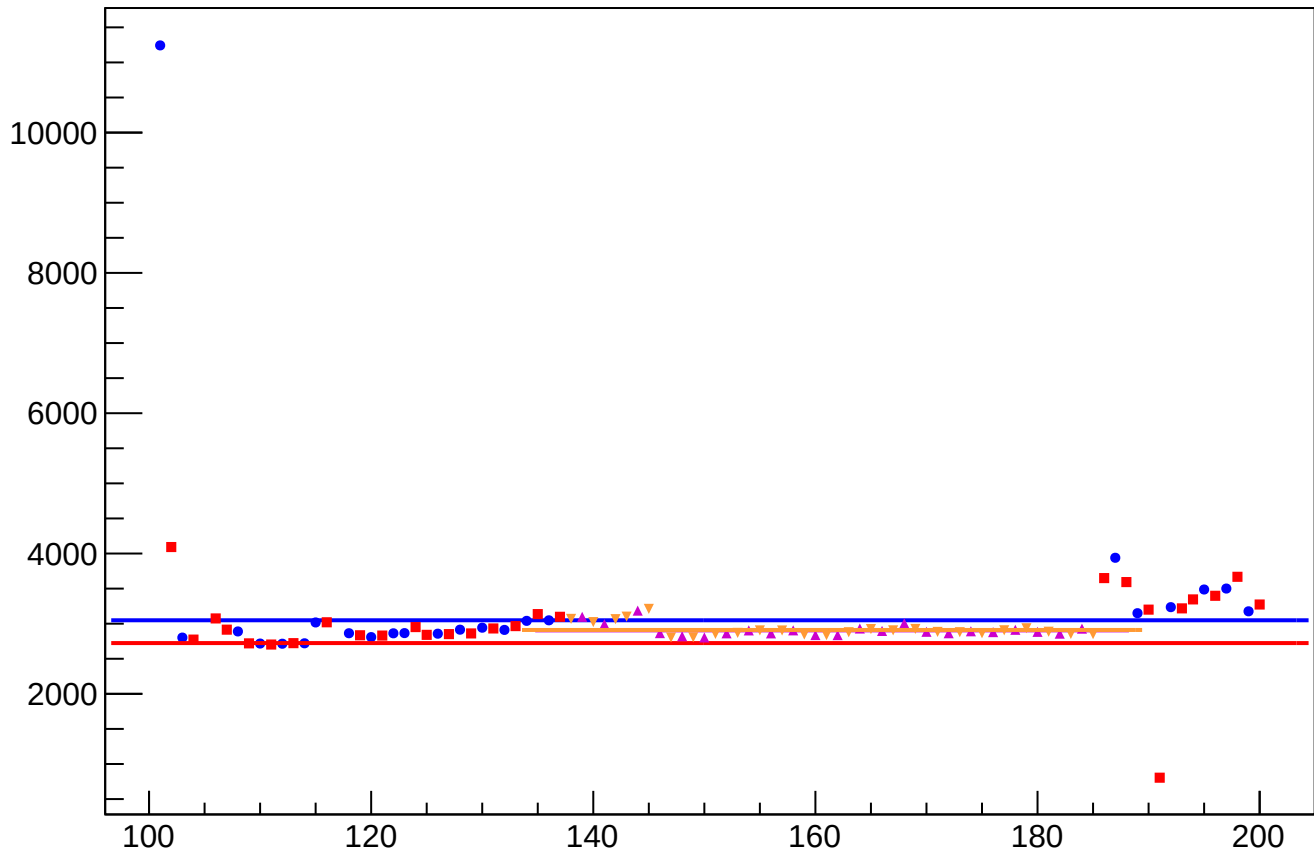
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF: 36.9/22

+ sign 3005.867 $\pm$ 556.849 χ^2 /NDF: 59.5/47

All: 107.668 $\pm$ 382.387 χ^2 /NDF: 166.2/97

- sign -2478.493 $\pm$ 526.019 χ^2 /NDF: 55.4/49

asym_atr1_rms vs Slug



Right In: 3048.508+/-0.686 χ^2/NDF : 759720.3/22

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

Right Out: 2723.585+/-0.571 χ^2/NDF : 2393823.6/26

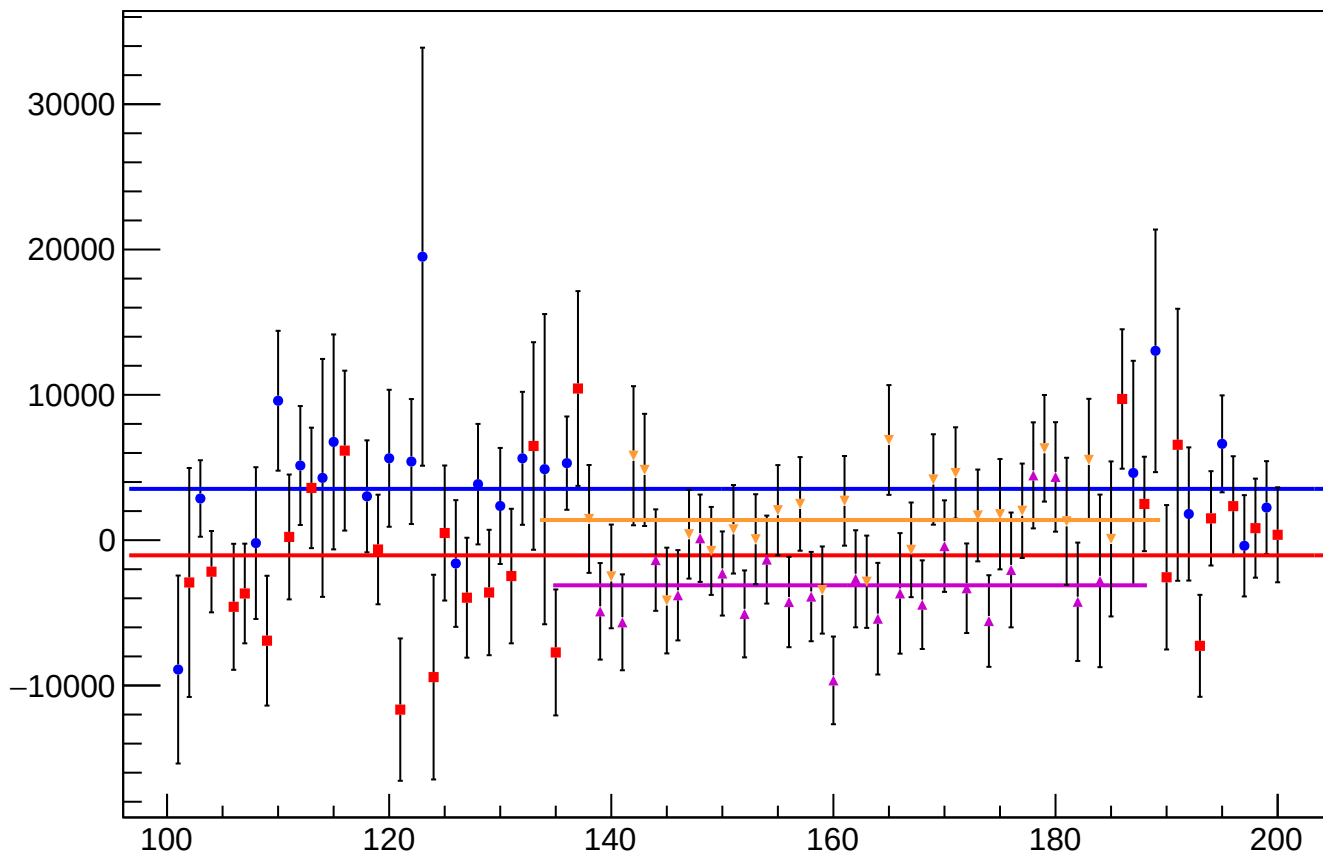
Left In: 2904.499+/-0.490 χ^2/NDF : 30423.1/22

+ sign 2955.929+/-0.394 χ^2/NDF : 823010.1/47

All: 2888.210+/-0.270 χ^2/NDF : 3361008.4/97

- sign 2827.782+/-0.372 χ^2/NDF : 2482026.3/49

dit_asym_atr2_mean vs Slug



Right In: 3529.204 ± 917.350 χ^2/NDF : 13.6/22

Left Out: 1386.275 ± 684.647 χ^2/NDF : 18.0/24

Right Out: -1043.536 ± 805.532 χ^2/NDF : 32.0/26

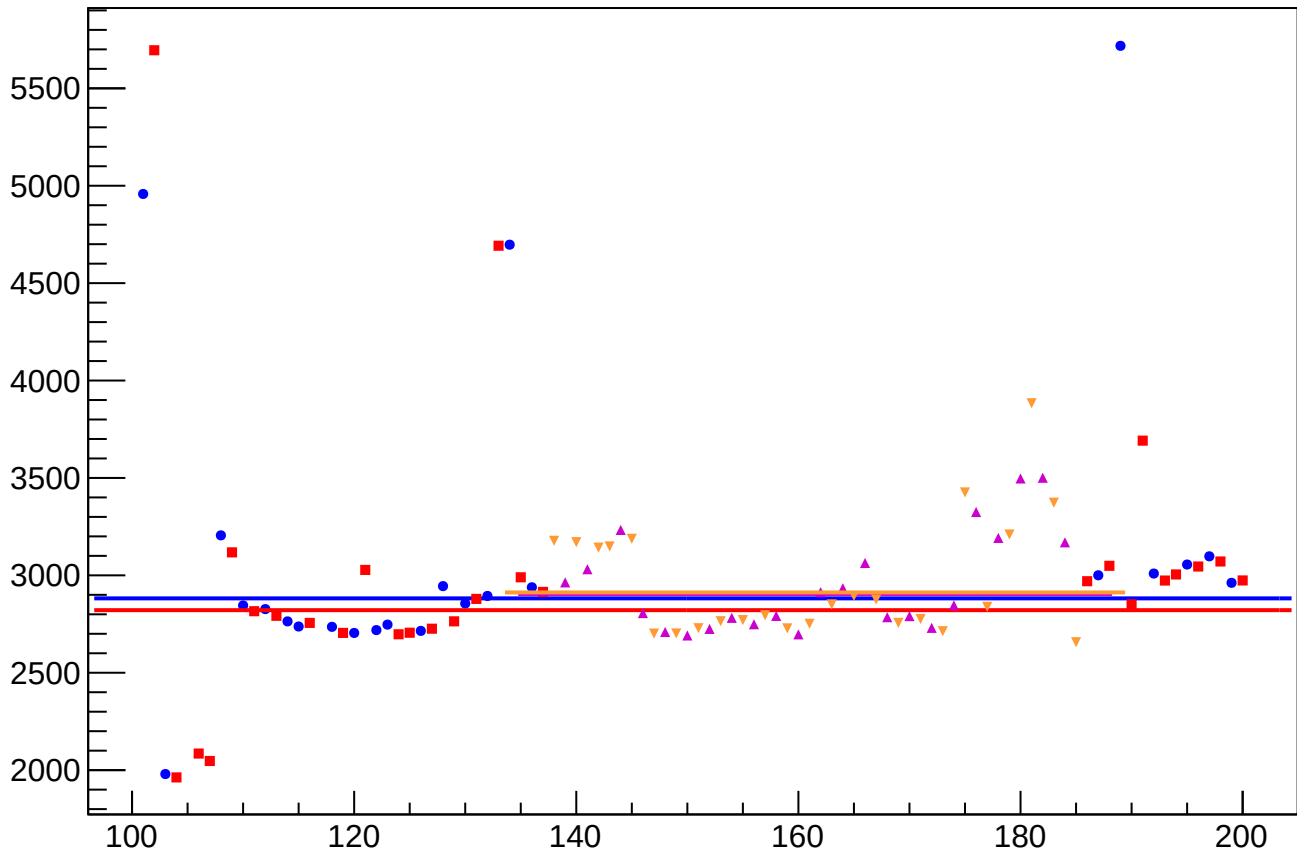
Left In: -3106.878 ± 695.685 χ^2/NDF : 18.4/22

+ sign 2152.894 ± 548.682 χ^2/NDF : 35.1/47

All: -126.489 ± 379.896 χ^2/NDF : 122.5/97

- sign -2225.382 ± 526.511 χ^2/NDF : 54.2/49

dit_asym_atr2_rms vs Slug



Right In: 2881.790 $\pm$ 0.649 χ^2 /NDF: 768198.3/22

Left Out: 2912.211 $\pm$ 0.484 χ^2 /NDF: 290908.5/24

Right Out: 2821.218 $\pm$ 0.569 χ^2 /NDF: 836600.7/26

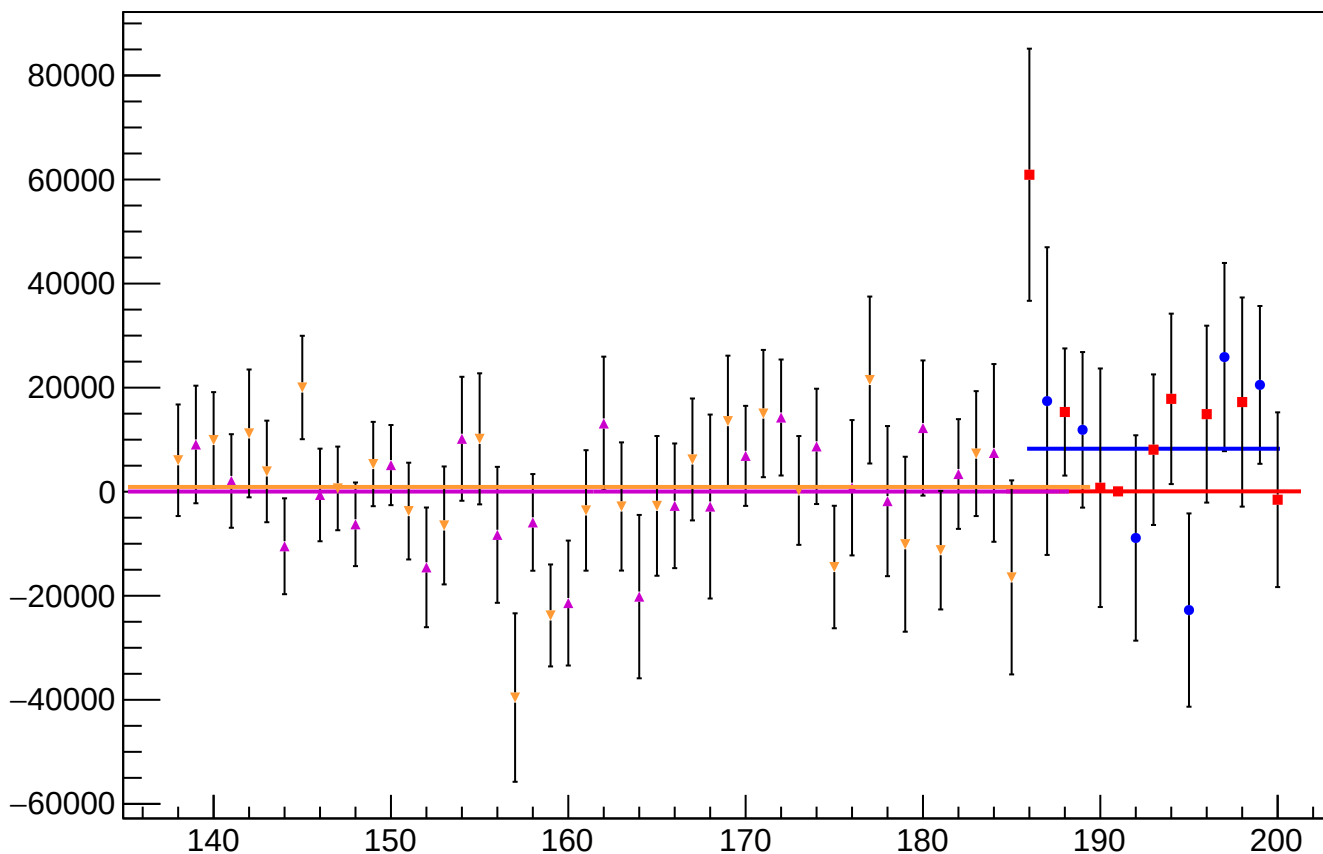
Left In: 2904.472 $\pm$ 0.492 χ^2 /NDF: 217578.9/22

+ sign 2901.328 $\pm$ 0.388 χ^2 /NDF: 1060519.3/47

All: 2884.442 $\pm$ 0.269 χ^2 /NDF: 2130576.3/97

- sign 2868.896 $\pm$ 0.372 χ^2 /NDF: 1066419.0/49

asym_atr2_correction_mean vs Slug



Right In: 8259.140 $\pm$ 7354.290 χ^2 /NDF: 5.3/5

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

Right Out: 63.014 $\pm$ 29.129 χ^2 /NDF: 10.9/8

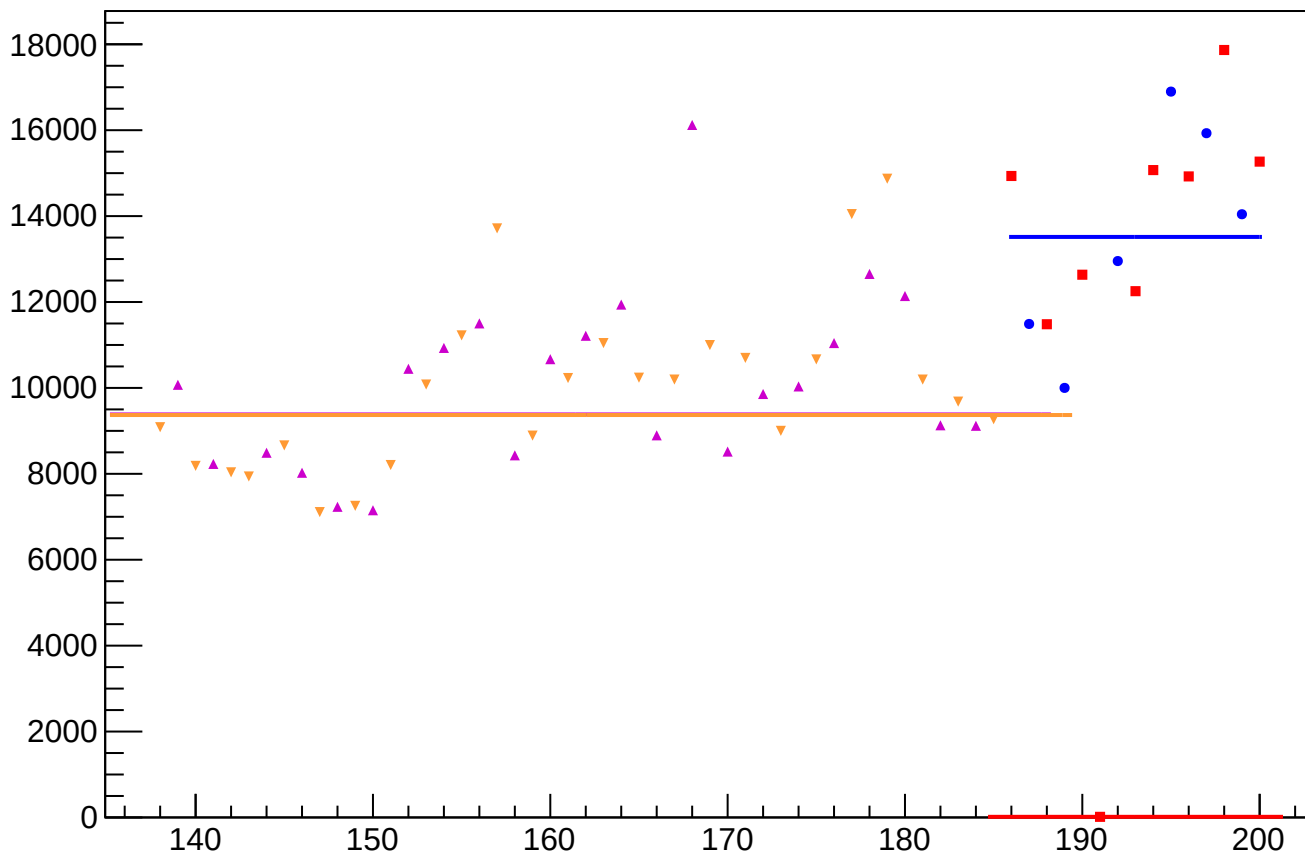
Left In: 25.729 $\pm$ 2280.428 χ^2 /NDF: 16.1/22

+ sign 1538.858 $\pm$ 2141.725 χ^2 /NDF: 34.9/30

All: 63.281 $\pm$ 29.124 χ^2 /NDF: 62.4/62

- sign 63.008 $\pm$ 29.127 χ^2 /NDF: 26.9/31

asym_atr2_correction_rms vs Slug



Right In: 13515.226 $\pm$ 5.200 χ^2 /NDF: 225978.7/5

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

Right Out: 14.770 $\pm$ 0.021 χ^2 /NDF: 11012890.5/8

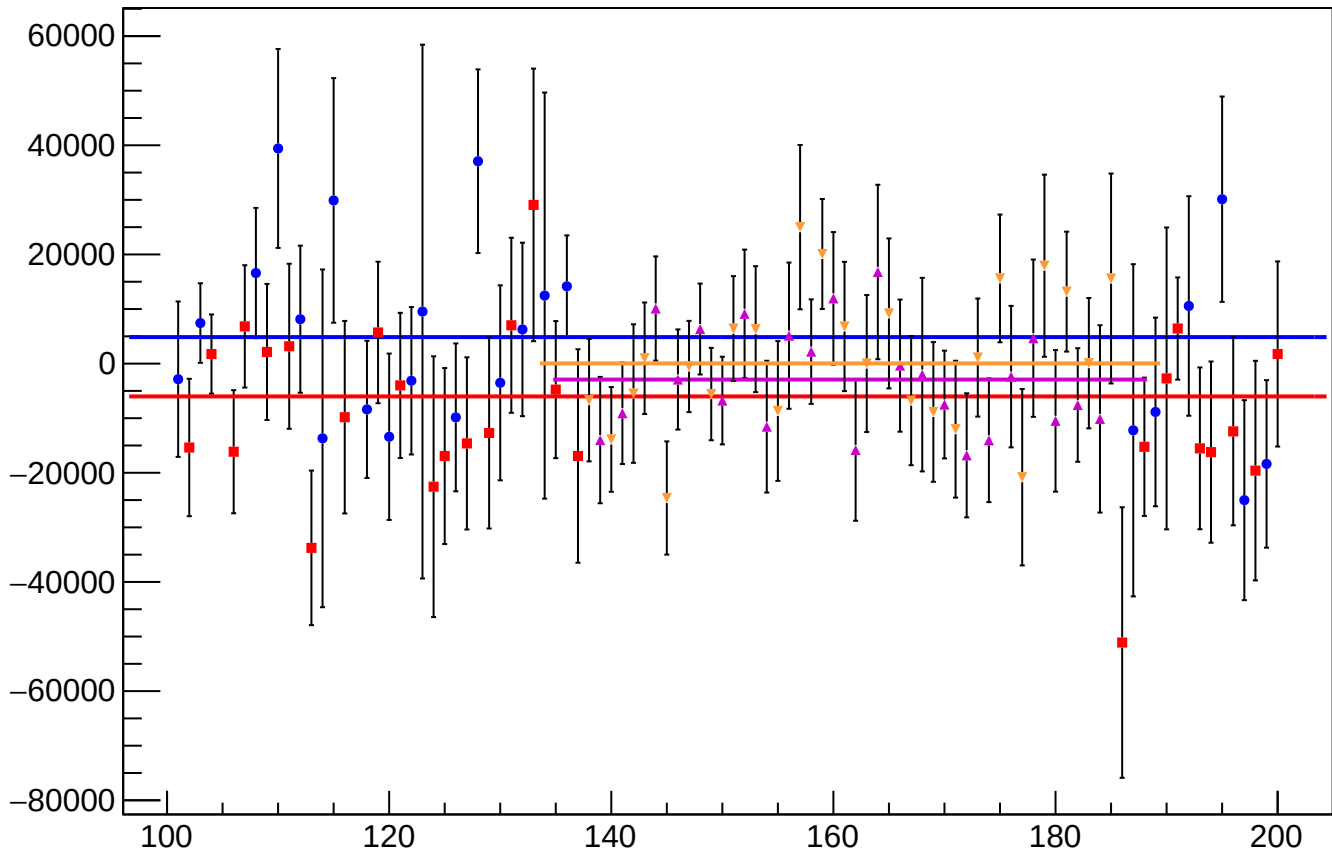
Left In: 9382.727 $\pm$ 1.613 χ^2 /NDF:1205648.8/22

+ sign 9720.672 $\pm$ 1.514 χ^2 /NDF: 1990770.9/30

All: 18.092 $\pm$ 0.021 χ^2 /NDF: 89009029.2/62

- sign 16.298 $\pm$ 0.021 χ^2 /NDF: 45964079.2/31

asym_atr2_mean vs Slug



Right In: 4856.861 $\pm$ 3099.131 χ^2 /NDF: 23.4/22

Left Out: 43.265 $\pm$ 2290.867 χ^2 /NDF: 25.9/24

Right Out: -6010.309 $\pm$ 2699.964 χ^2 /NDF: 20.9/26

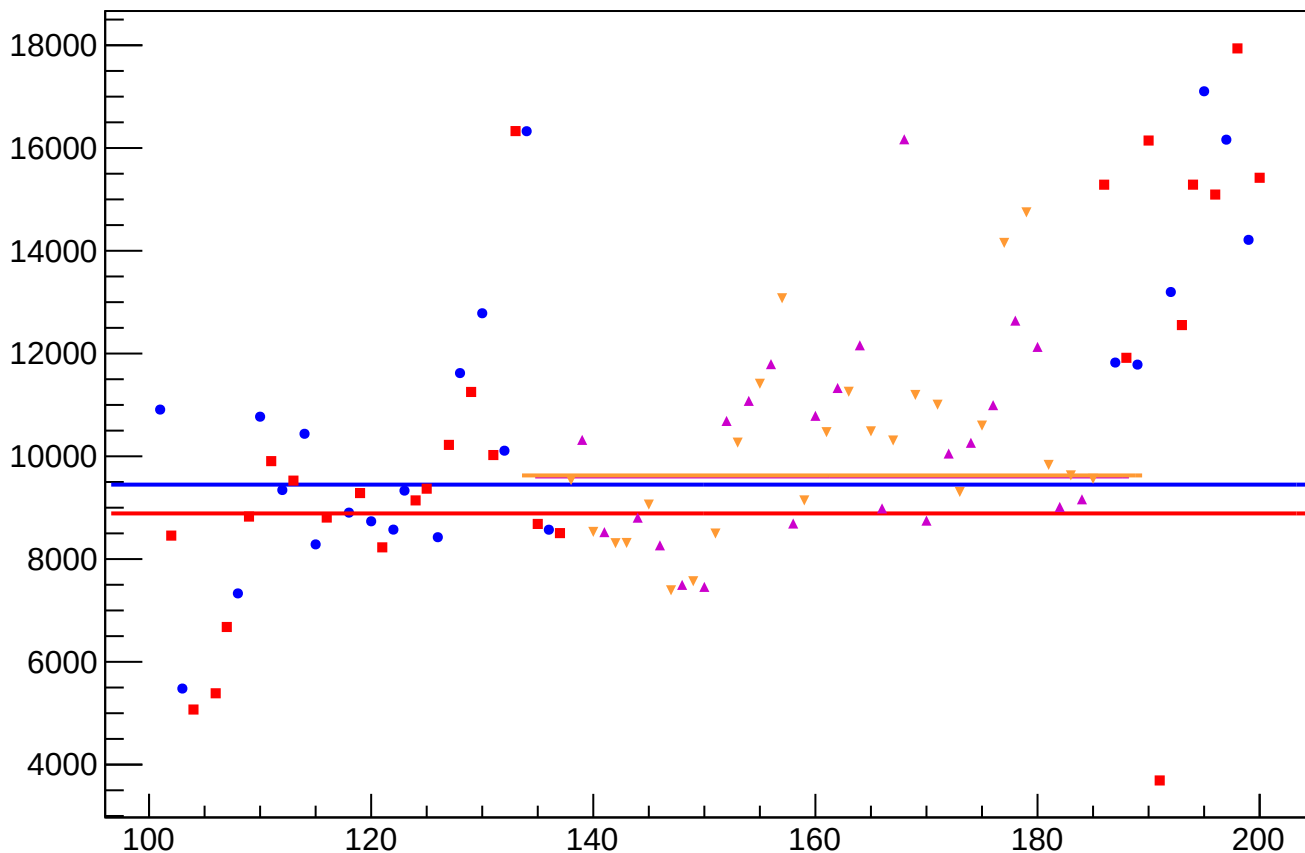
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF: 14.6/22

+ sign 1744.108 $\pm$ 1842.202 χ^2 /NDF: 50.9/47

All: -1378.637 $\pm$ 1274.172 χ^2 /NDF: 92.6/97

- sign -4242.631 $\pm$ 1764.229 χ^2 /NDF: 36.2/49

asym_atr2_rms vs Slug



Right In: 9448.939+/-2.191 χ^2/NDF : 1825849.5/22

Left Out: 9627.824+/-1.620 χ^2/NDF : 1004641.7/24

Right Out: 8888.267+/-1.909 χ^2/NDF : 3471574.1/26

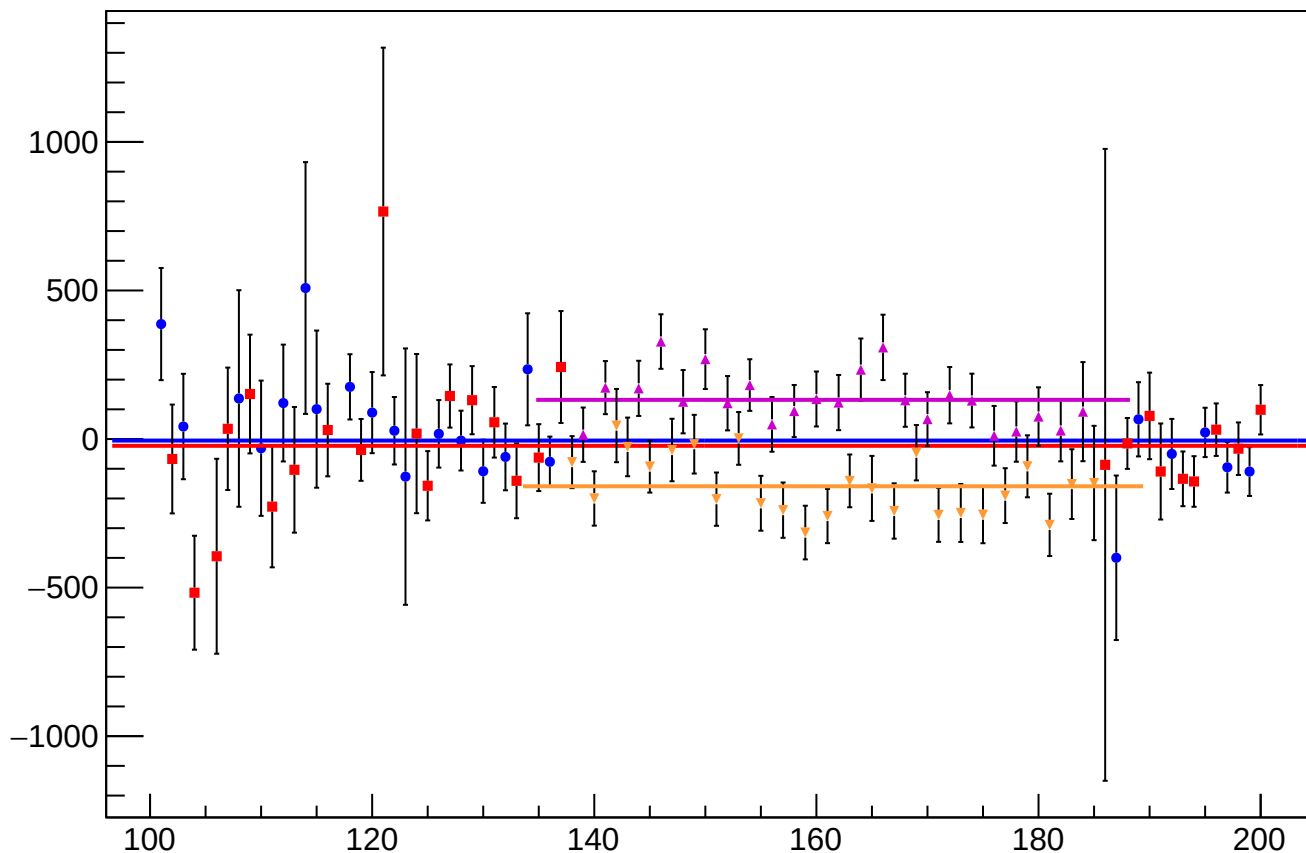
Left In: 9607.553+/-1.648 χ^2/NDF : 1085465.7/22

+ sign 9564.617+/-1.303 χ^2/NDF : 2834800.1/47

All: 9426.812+/-0.901 χ^2/NDF : 7494637.1/97

- sign 9300.429+/-1.247 χ^2/NDF : 4638381.8/49

dit_asym_sam1_mean vs Slug



Right In: -5.112 ± 26.318 $\chi^2/\text{NDF}: 18.8/22$

Left Out: -158.948 ± 19.453 $\chi^2/\text{NDF}: 25.8/24$

Right Out: -22.738 ± 24.468 $\chi^2/\text{NDF}: 28.0/26$

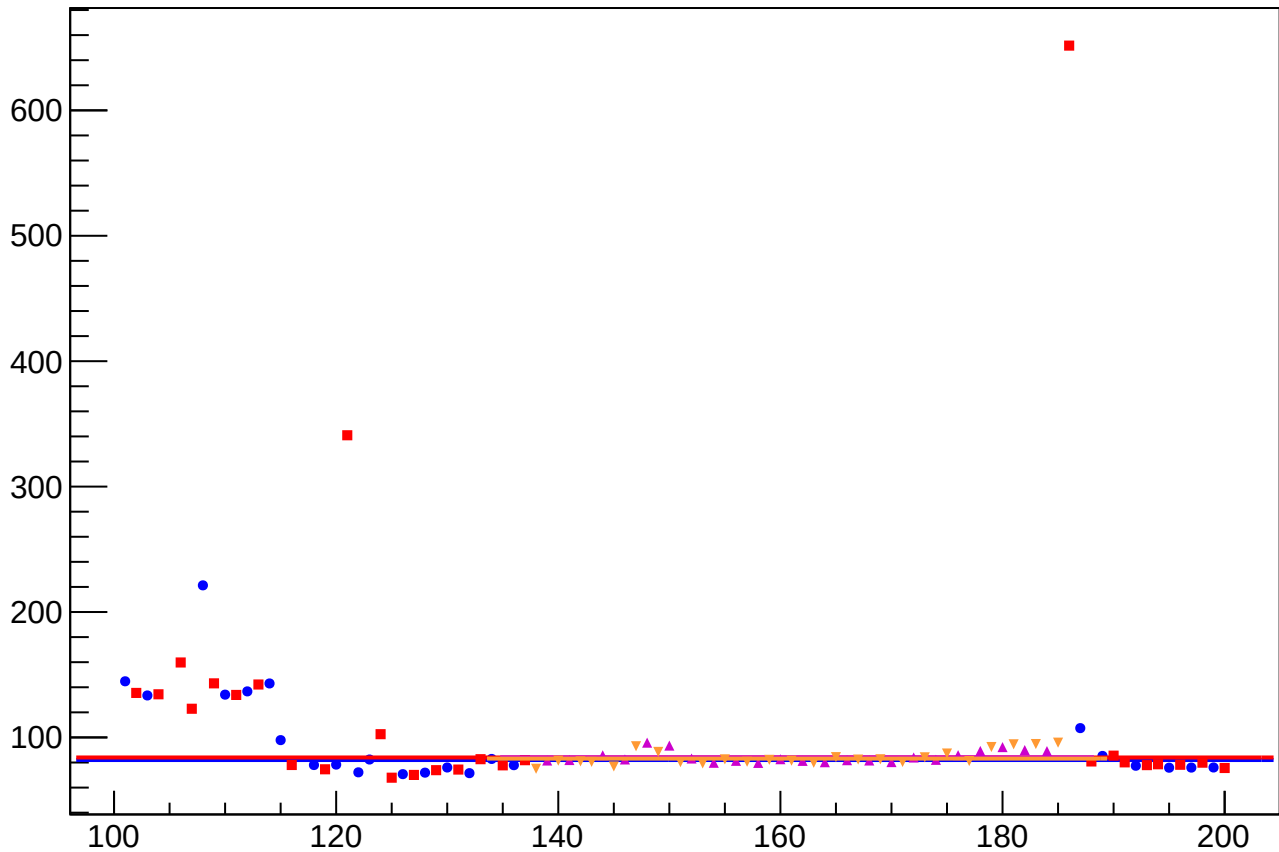
Left In: 131.879 ± 20.076 $\chi^2/\text{NDF}: 17.8/22$

+ sign -104.595 ± 15.644 $\chi^2/\text{NDF}: 66.7/47$

All: -16.774 ± 11.018 $\chi^2/\text{NDF}: 198.8/97$

- sign 69.670 ± 15.520 $\chi^2/\text{NDF}: 69.6/49$

dit_asym_sam1_rms vs Slug



Right In: 81.977 $\pm$ 0.019 χ^2 /NDF: 1130132.7/22

Left Out: 83.126 $\pm$ 0.014 χ^2 /NDF:138741.0/24

Right Out: 84.019 $\pm$ 0.017 χ^2 /NDF: 2114614.9/26

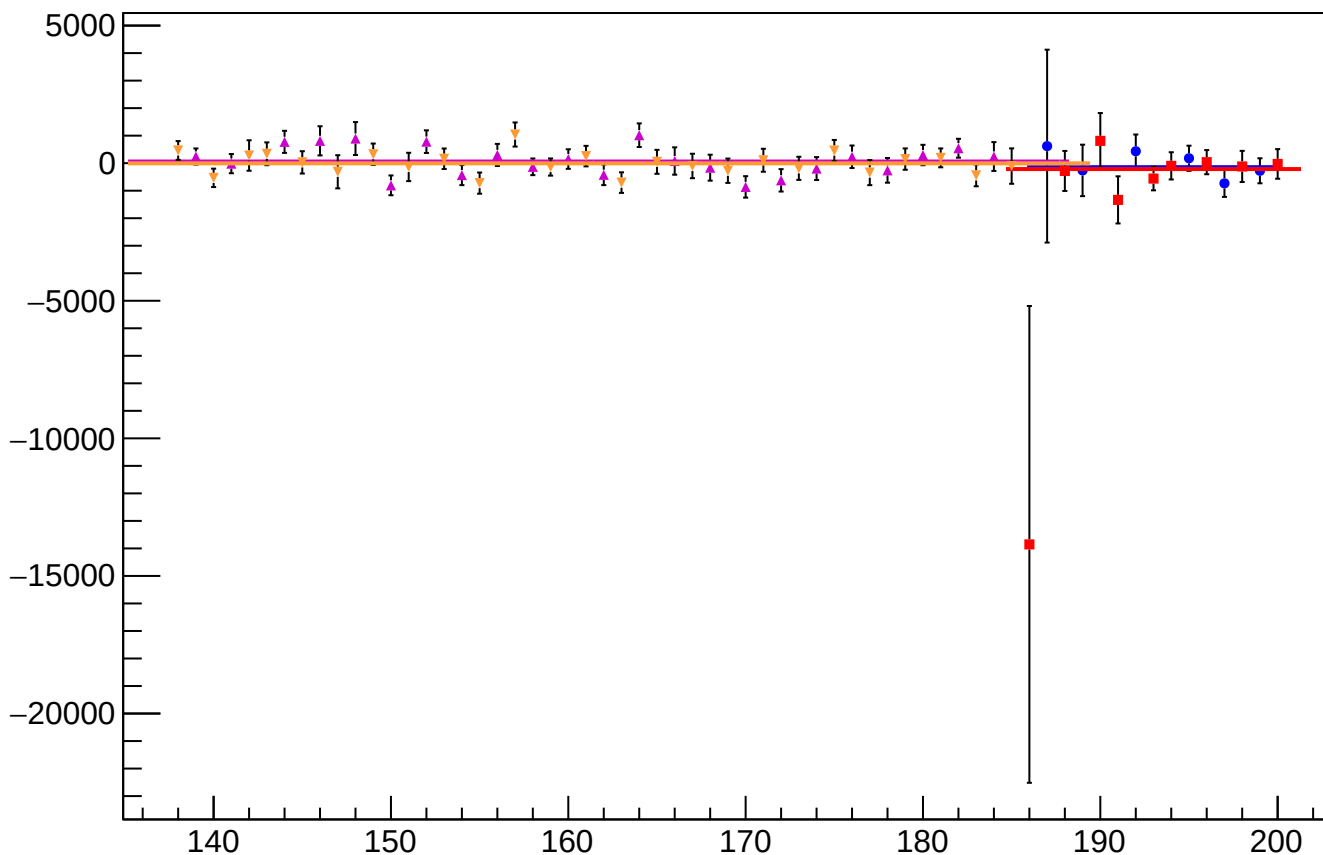
Left In: 84.108 $\pm$ 0.014 χ^2 /NDF:96934.3/22

+ sign 82.720 $\pm$ 0.011 χ^2 /NDF: 1271338.6/47

All: 83.402 $\pm$ 0.008 χ^2 /NDF: 3490432.2/97

- sign 84.072 $\pm$ 0.011 χ^2 /NDF: 2211565.3/49

asym_sam1_correction_mean vs Slug



Right In: -146.158 ± 237.828 χ^2/NDF : 3.0/5

Left Out: -6.627 ± 81.138 χ^2/NDF : 24.4/24

Right Out: -213.962 ± 197.856 χ^2/NDF : 6.4/8

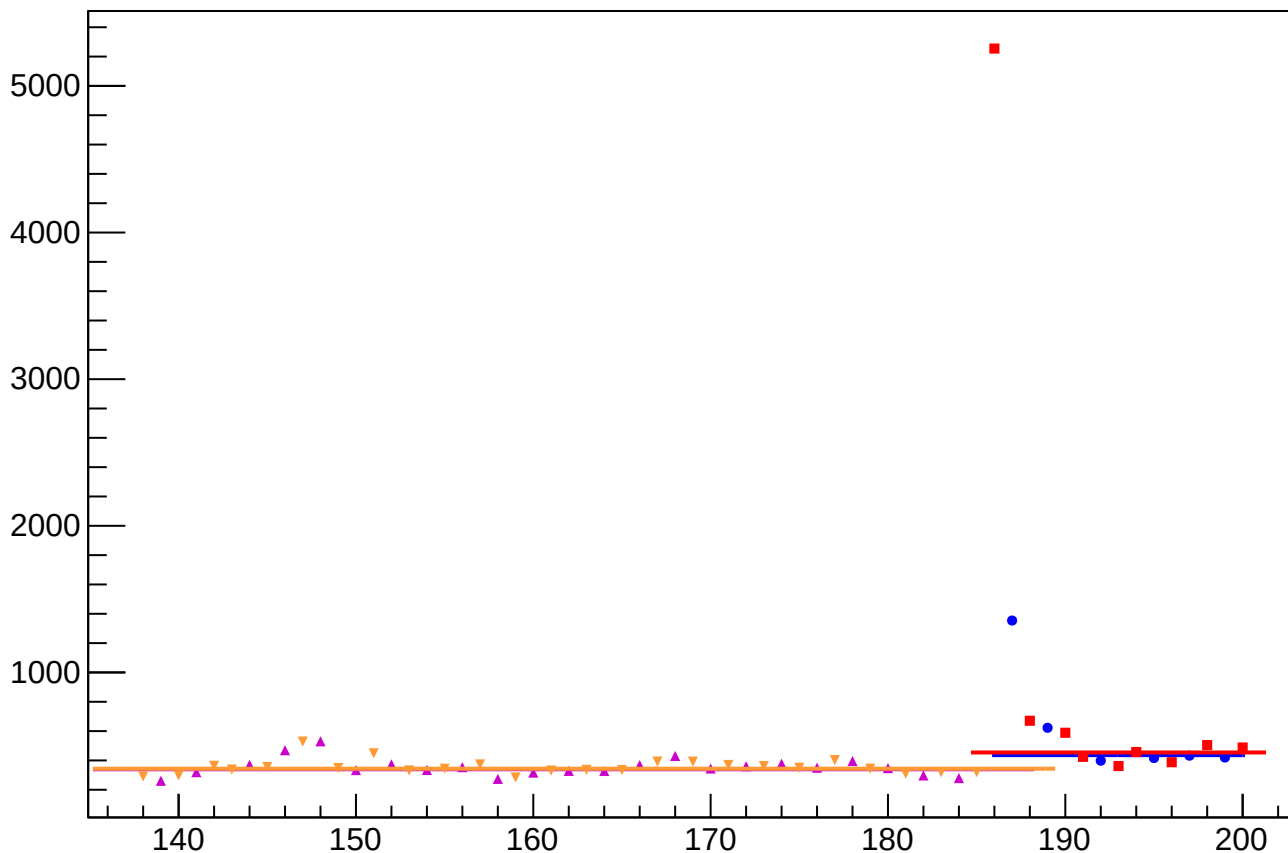
Left In: 59.971 ± 82.046 χ^2/NDF : 38.0/22

+ sign -21.174 ± 76.792 χ^2/NDF : 27.7/30

All: -0.429 ± 53.942 χ^2/NDF : 73.8/62

- sign 19.778 ± 75.788 χ^2/NDF : 46.0/31

asym_sam1_correction_rms vs Slug



Right In: 436.030 $\pm$ 0.168 χ^2/NDF : 230741.5/5

Left Out: 343.620 $\pm$ 0.057 χ^2/NDF : 571090.7/24

Right Out: 454.232 $\pm$ 0.140 χ^2/NDF : 991503.0/8

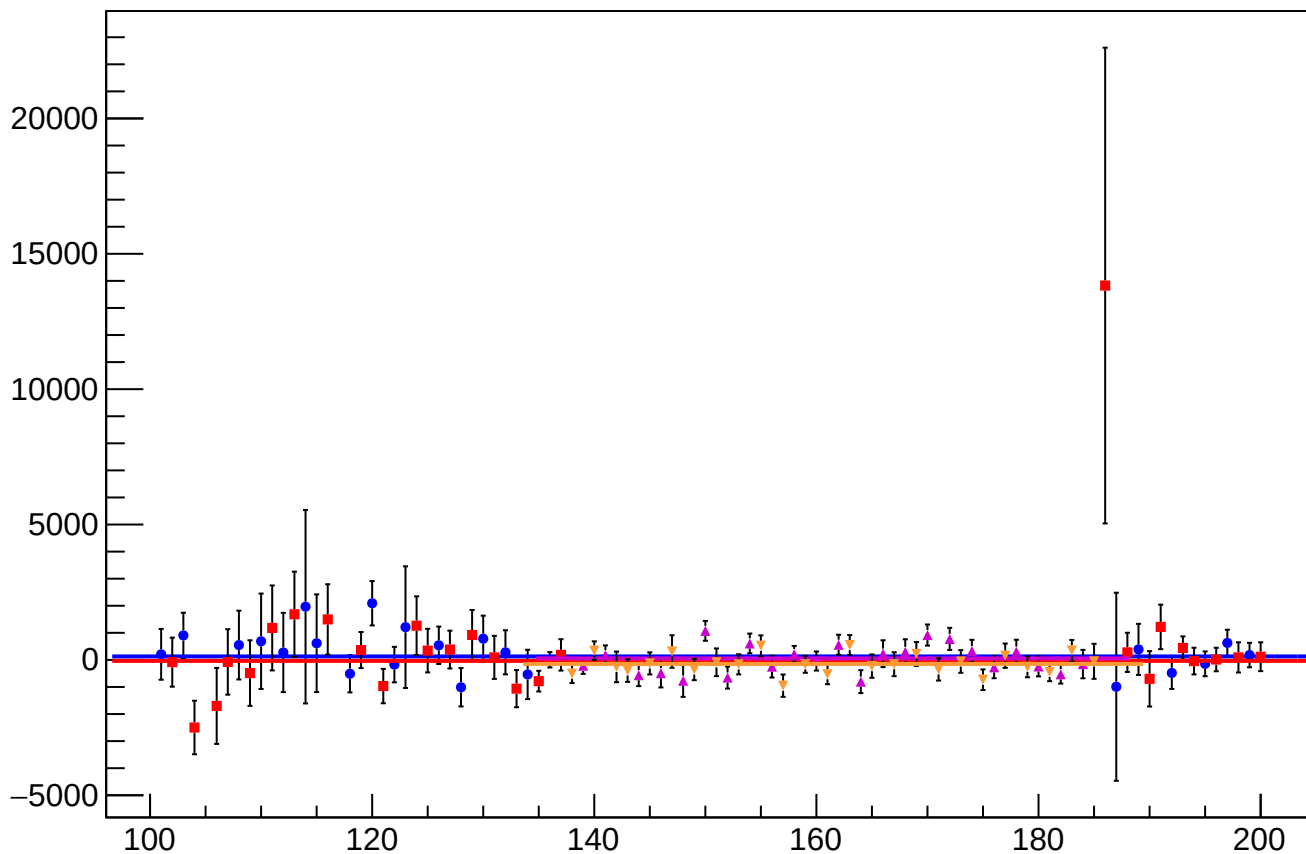
Left In: 339.804 $\pm$ 0.058 χ^2/NDF : 799750.5/22

+ sign 353.254 $\pm$ 0.054 χ^2/NDF : 1072301.9/30

All: 354.946 $\pm$ 0.038 χ^2/NDF : 3436273.5/62

- sign 356.593 $\pm$ 0.054 χ^2/NDF : 2362056.0/31

asym_sam1_mean vs Slug



Right In: 127.771+/-142.769 χ^2/NDF : 15.4/22

Left Out: -148.809+/-81.017 χ^2/NDF : 22.0/24

Right Out: -36.332+/-134.410 χ^2/NDF : 29.6/26

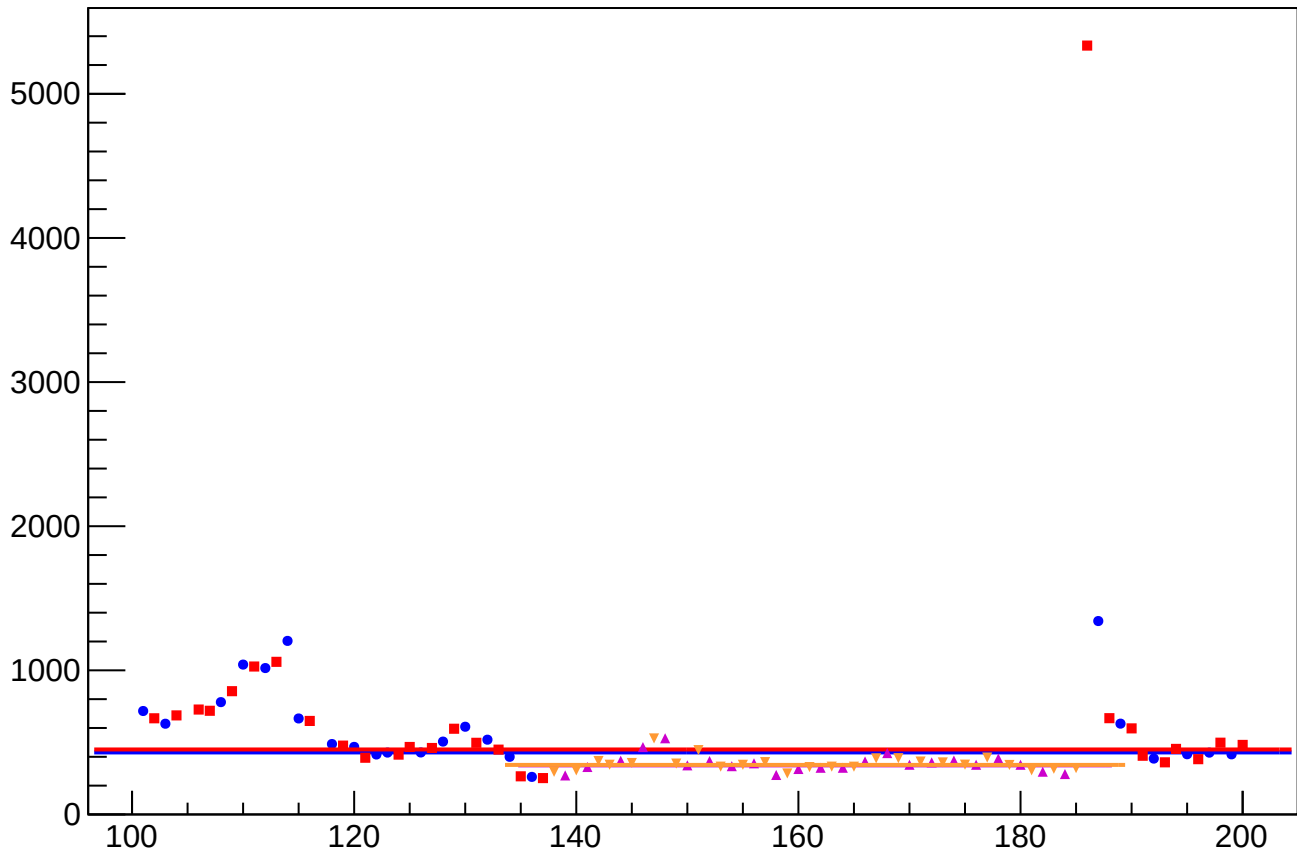
Left In: 56.402+/-82.155 χ^2/NDF : 39.7/22

+ sign -81.439+/-70.462 χ^2/NDF : 40.3/47

All: -24.838+/-49.695 χ^2/NDF : 111.2/97

- sign 31.180+/-70.098 χ^2/NDF : 69.6/49

asym_sam1_rms vs Slug



Right In: 430.361+/-0.101 χ^2/NDF : 2253366.2/22

Left Out: 343.762+/-0.057 χ^2/NDF : 539246.3/24

Right Out: 450.947+/-0.095 χ^2/NDF : 3028612.6/26

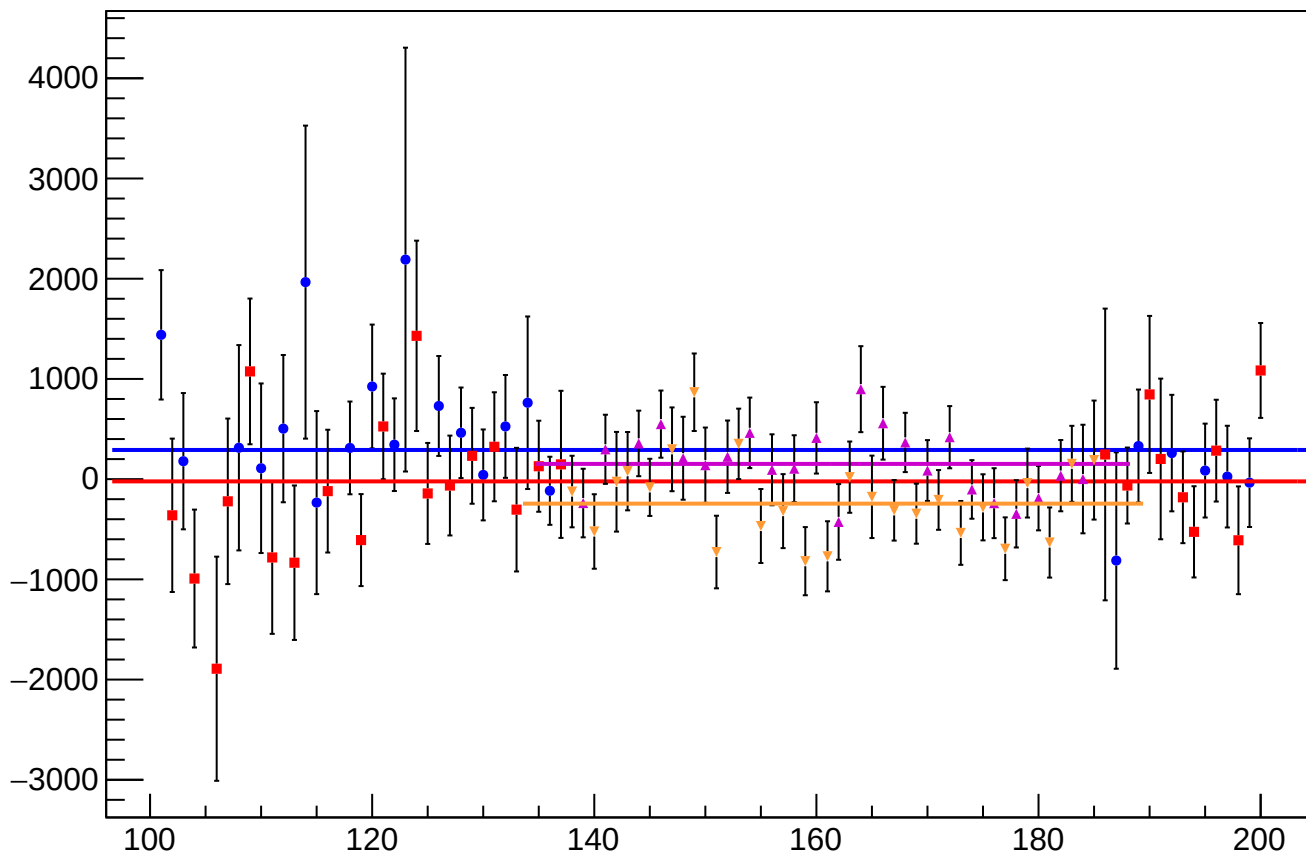
Left In: 340.519+/-0.058 χ^2/NDF : 737049.6/22

+ sign 364.856+/-0.050 χ^2/NDF : 3349223.6/47

All: 367.720+/-0.035 χ^2/NDF : 8104259.8/97

- sign 370.554+/-0.050 χ^2/NDF : 4748462.8/49

dit_asym_sam2_mean vs Slug



Right In: 291.143 ± 118.946 χ^2/NDF : 11.9/22

Left Out: -244.459 ± 70.636 χ^2/NDF : 28.9/24

Right Out: -22.422 ± 111.397 χ^2/NDF : 25.3/26

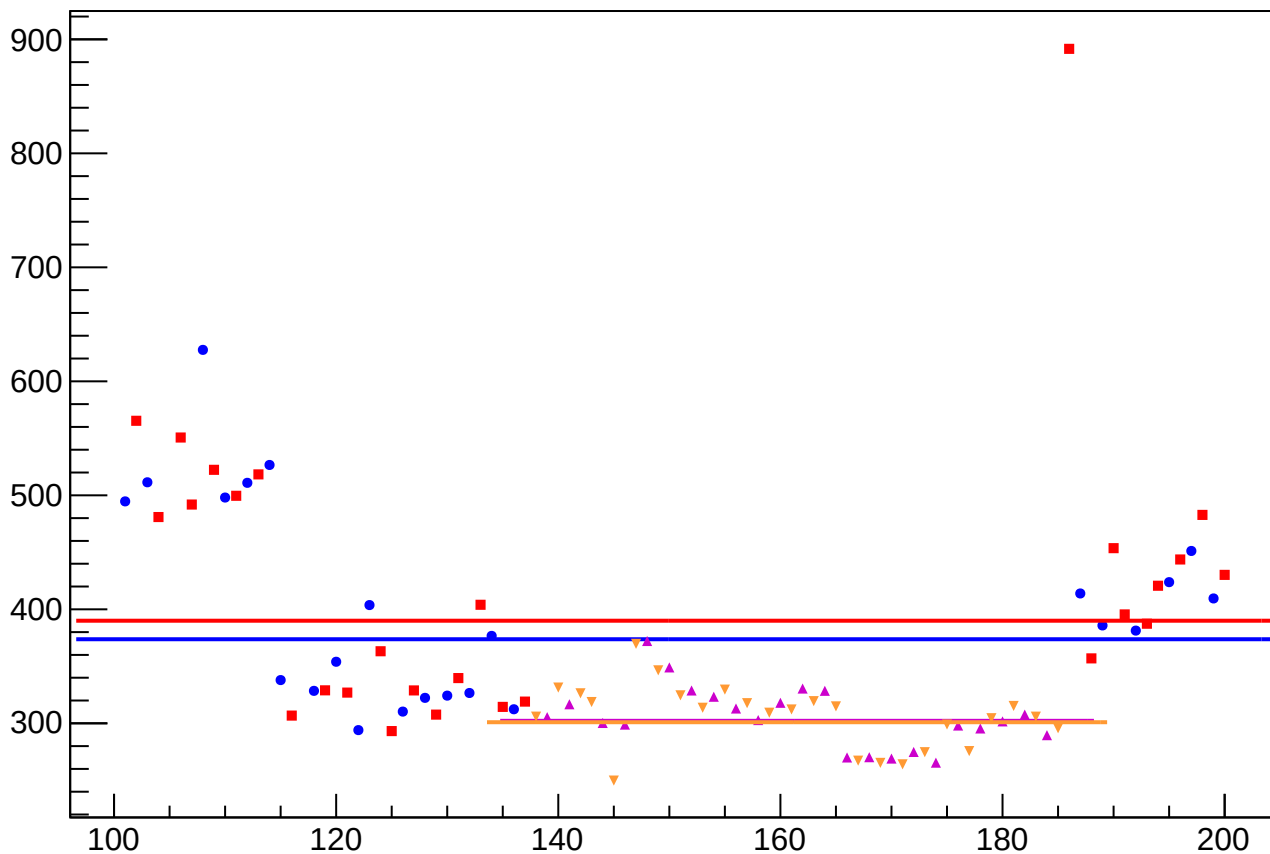
Left In: 152.030 ± 72.312 χ^2/NDF : 18.2/22

+ sign -104.819 ± 60.734 χ^2/NDF : 55.8/47

All: -2.117 ± 42.917 χ^2/NDF : 106.7/97

- sign 100.312 ± 60.653 χ^2/NDF : 45.2/49

dit_asym_sam2_rms vs Slug



Right In: 373.752 $\pm$ 0.084 χ^2 /NDF: 742221.6/22

Left Out: 300.961 $\pm$ 0.050 χ^2 /NDF:322200.5/24

Right Out: 390.005 $\pm$ 0.079 χ^2 /NDF: 1104735.2/26

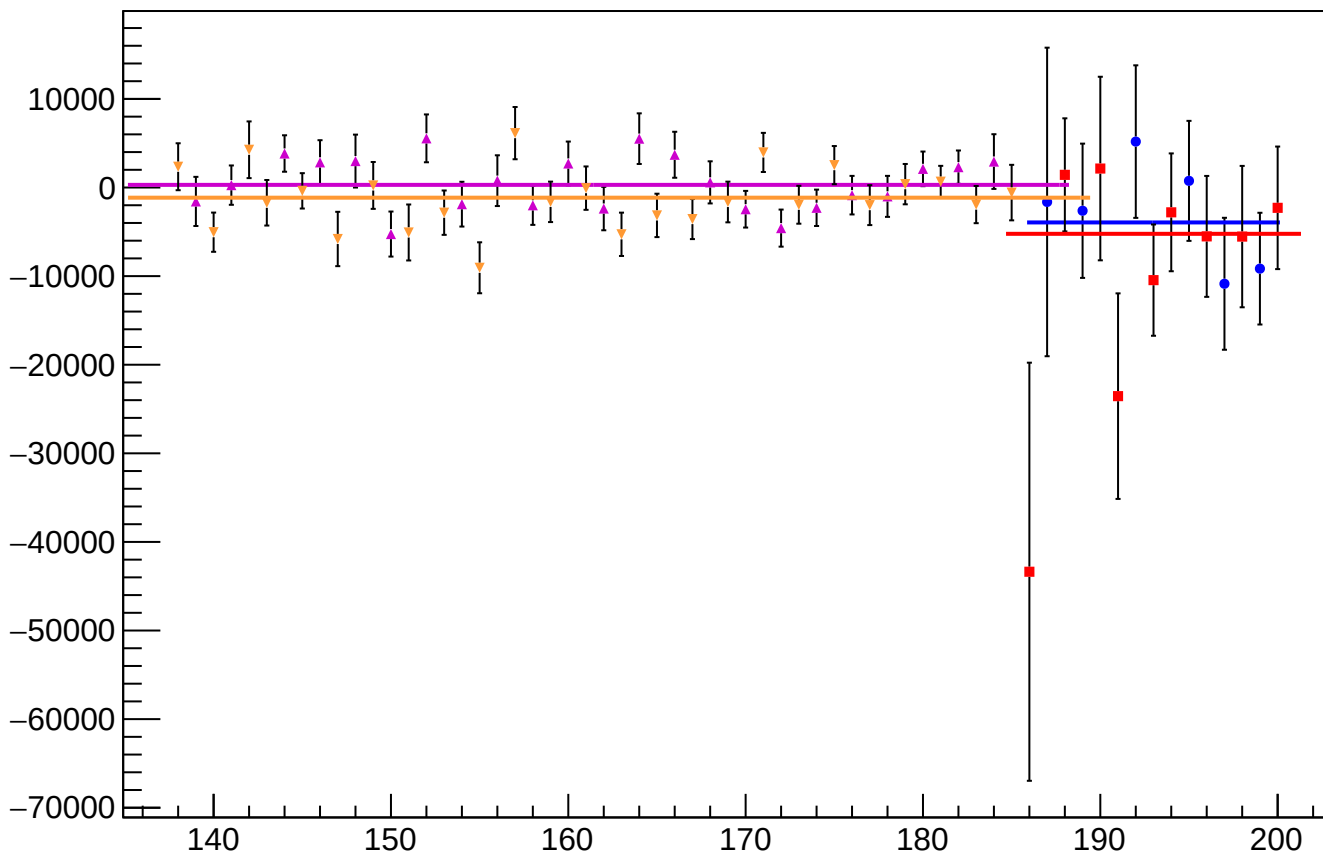
Left In: 302.180 $\pm$ 0.051 χ^2 /NDF:247468.9/22

+ sign 319.938 $\pm$ 0.043 χ^2 /NDF: 1618157.0/47

All: 324.083 $\pm$ 0.030 χ^2 /NDF: 3863576.7/97

- sign 328.216 $\pm$ 0.043 χ^2 /NDF: 2226818.7/49

asym_sam2_correction_mean vs Slug



Right In: -3940.791 ± 3175.022 χ^2/NDF : 3.2/5

Left Out: -1146.466 ± 479.950 χ^2/NDF : 41.3/24

Right Out: -5225.654 ± 2589.155 χ^2/NDF : 7.7/8

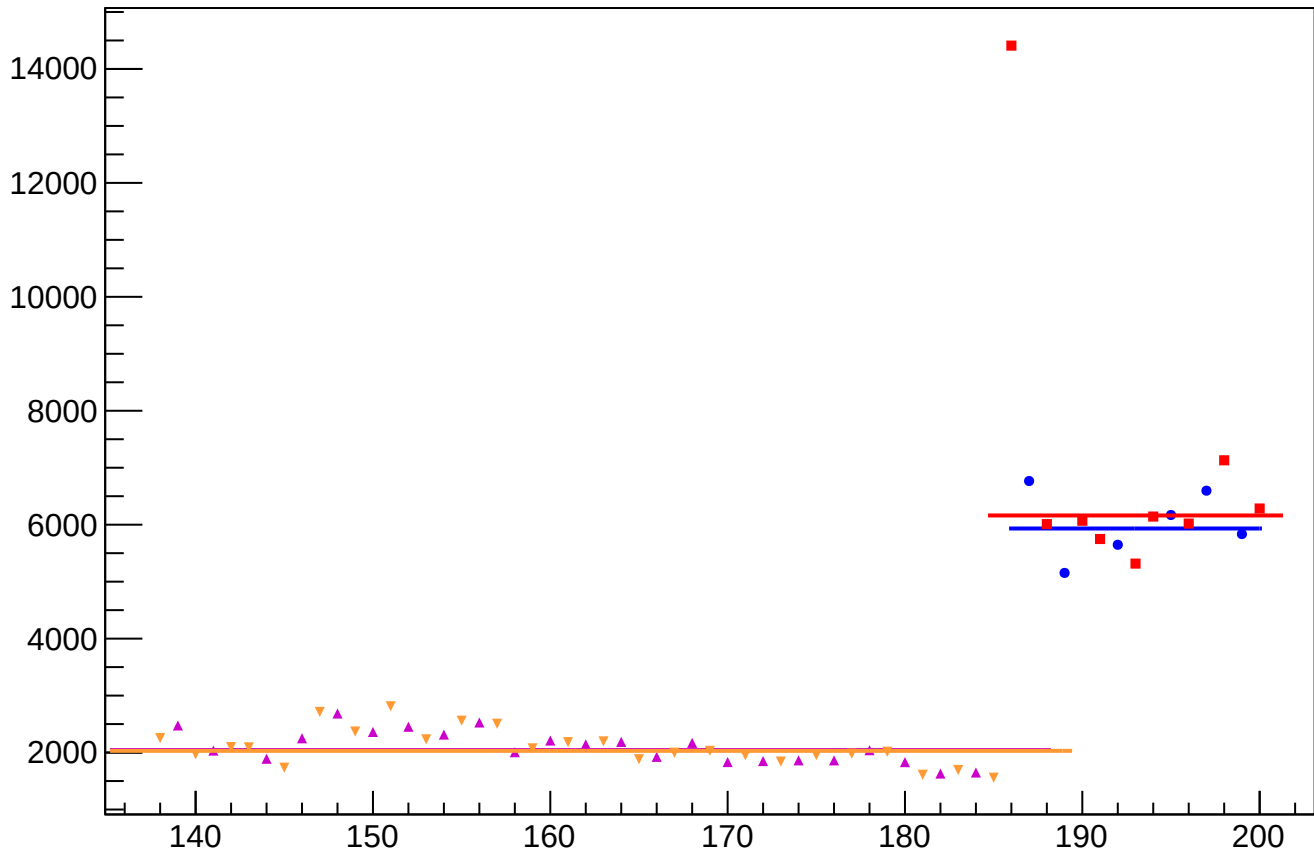
Left In: 298.915 ± 491.476 χ^2/NDF : 35.0/22

+ sign -1208.892 ± 474.559 χ^2/NDF : 45.2/30

All: -562.455 ± 338.458 χ^2/NDF : 96.1/62

- sign 106.777 ± 482.854 χ^2/NDF : 47.1/31

asym_sam2_correction_rms vs Slug



Right In: 5933.226+/-2.245 χ^2/NDF : 46788.8/5

Left Out: 2030.179+/-0.339 χ^2/NDF : 702523.9/24

Right Out: 6161.960+/-1.831 χ^2/NDF : 315376.3/8

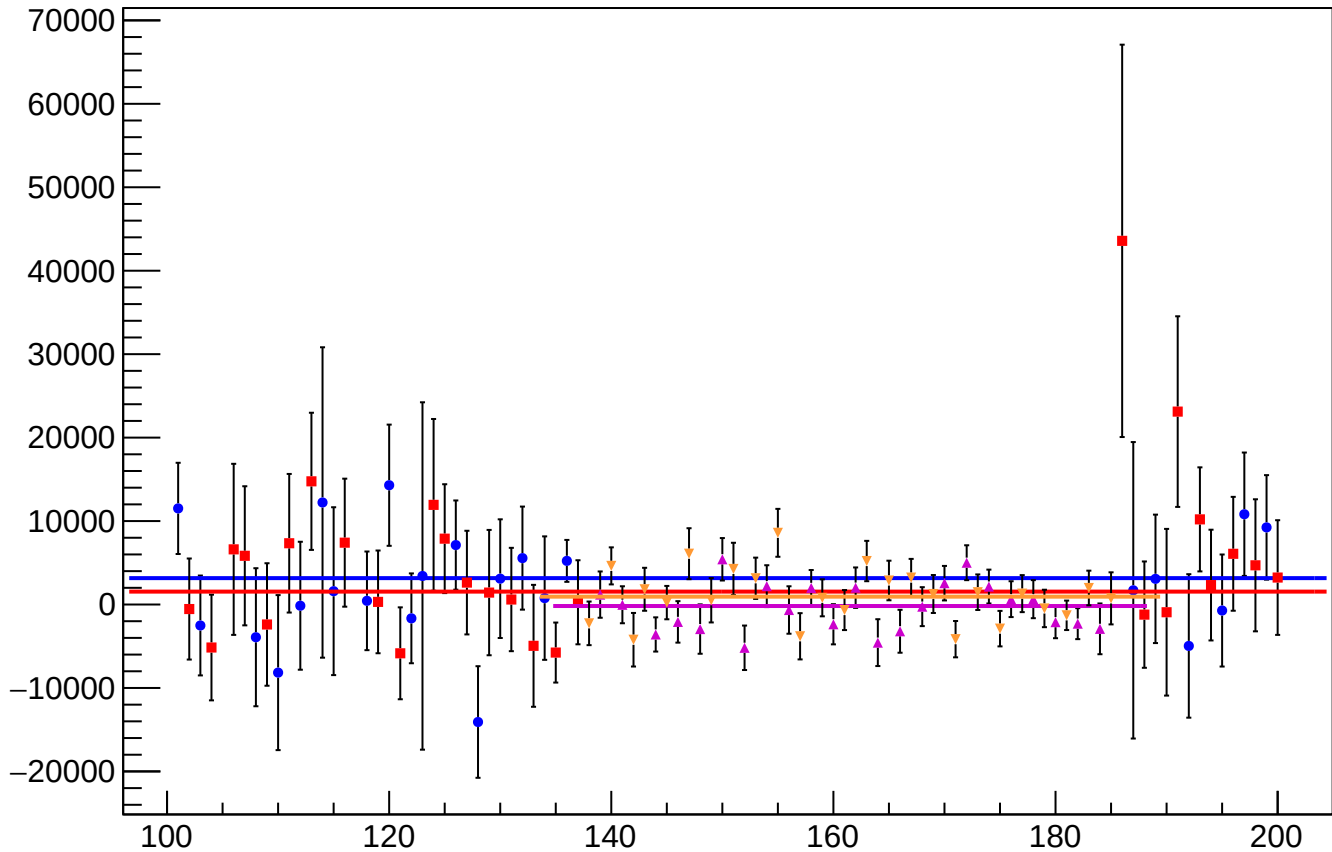
Left In: 2044.056+/-0.348 χ^2/NDF : 570535.5/22

+ sign 2117.374+/-0.336 χ^2/NDF : 3704137.4/30

All: 2151.717+/-0.239 χ^2/NDF : 9494440.9/62

- sign 2187.272+/-0.341 χ^2/NDF : 5768985.1/31

asym_sam2_mean vs Slug



Right In: 3162.183+/-1311.364 χ^2/NDF : 20.6/22

Left Out: 942.775+/-474.439 χ^2/NDF : 38.3/24

Right Out: 1546.443+/-1302.130 χ^2/NDF : 24.1/26

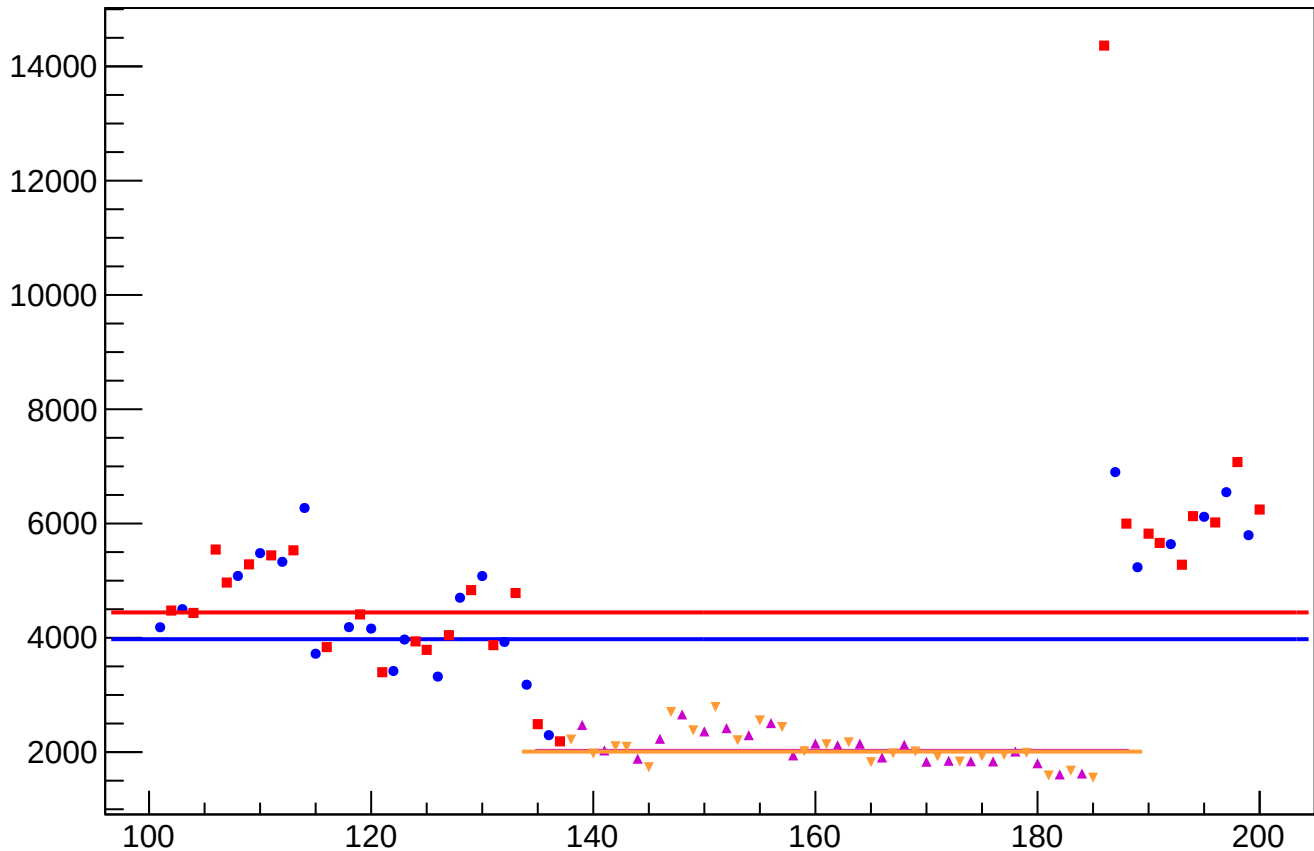
Left In: -180.087+/-486.112 χ^2/NDF : 32.9/22

+ sign 1199.655+/-446.138 χ^2/NDF : 61.5/47

All: 627.397+/-318.695 χ^2/NDF : 123.4/97

- sign 31.103+/-455.411 χ^2/NDF : 58.6/49

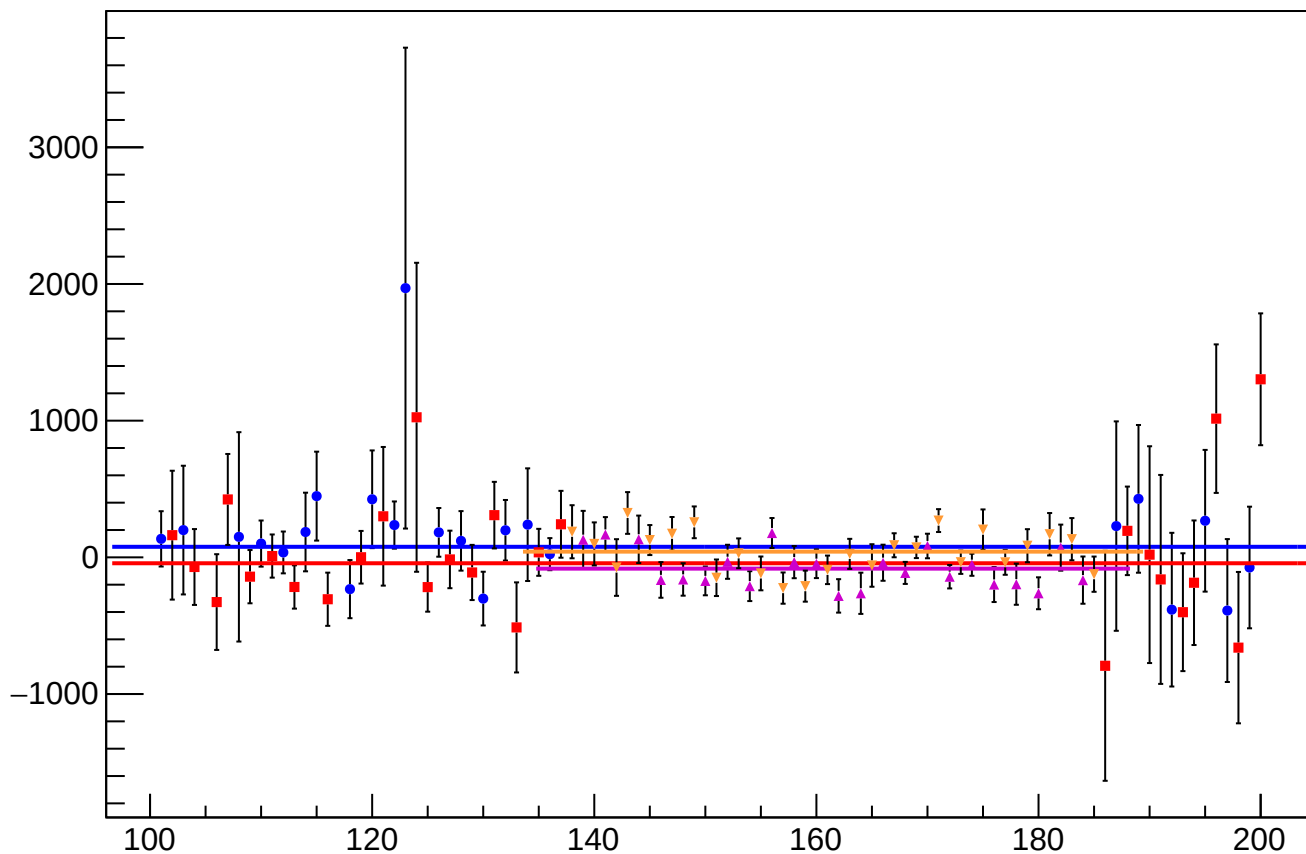
asym_sam2_rms vs Slug



Right In: 3976.116 $\pm$ 0.927 χ^2 /NDF: 2042287.6/22
 Left Out: 2008.897 $\pm$ 0.335 χ^2 /NDF: 709254.4/24
 Right Out: 4444.221 $\pm$ 0.921 χ^2 /NDF: 2424519.6/26
 Left In: 2020.887 $\pm$ 0.344 χ^2 /NDF: 576363.5/22

+ sign 2236.588 $\pm$ 0.315 χ^2 /NDF: 6731400.8/47
 All: 2276.119 $\pm$ 0.225 χ^2 /NDF: 15844073.8/9
 - sign 2317.311 $\pm$ 0.322 χ^2 /NDF: 9080608.4/49

dit_asym_sam3_mean vs Slug



Right In: 77.113 ± 50.516 χ^2/NDF : 13.7/22

Left Out: 41.847 ± 23.035 χ^2/NDF : 39.1/24

Right Out: -43.289 ± 50.693 χ^2/NDF : 29.4/26

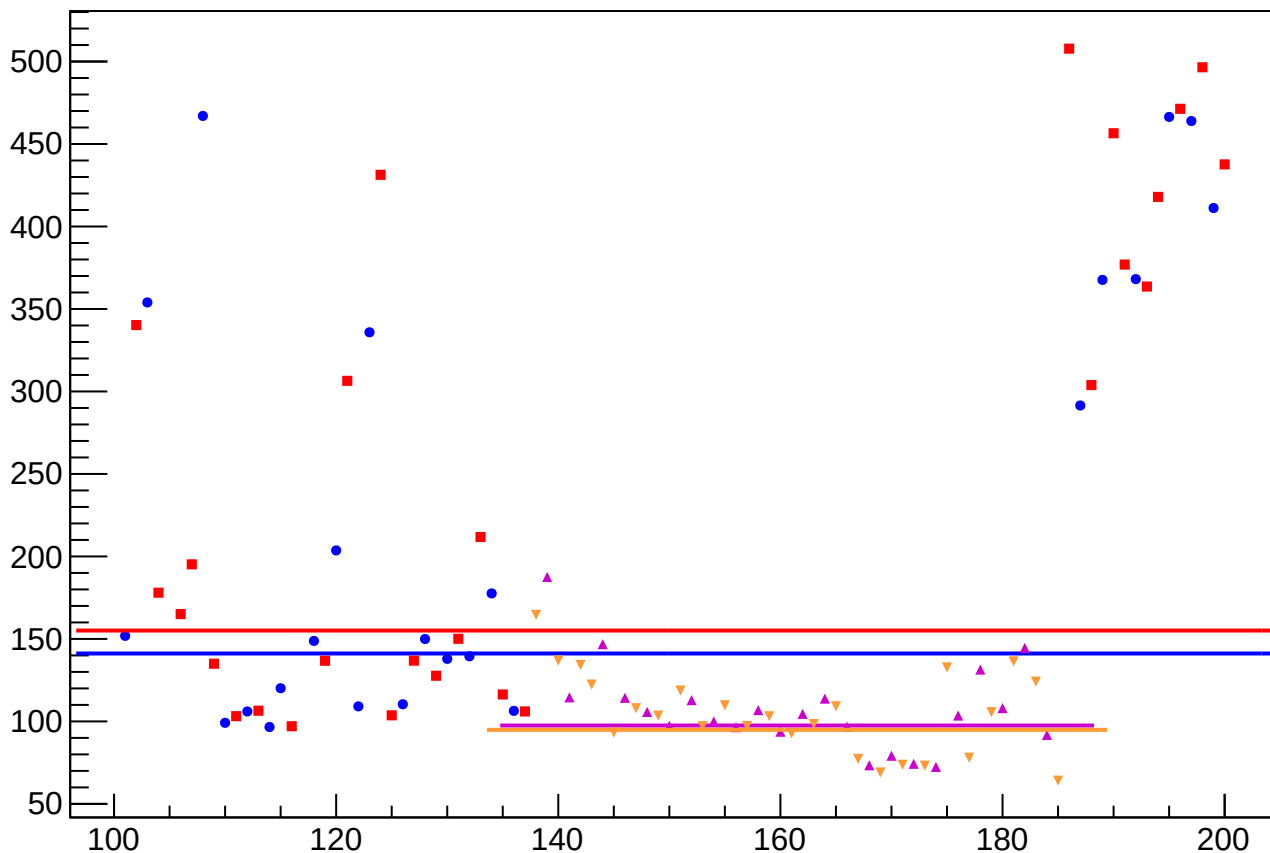
Left In: -82.630 ± 24.154 χ^2/NDF : 28.6/22

+ sign 47.918 ± 20.959 χ^2/NDF : 53.2/47

All: -11.279 ± 15.111 χ^2/NDF : 128.3/97

- sign -75.351 ± 21.805 χ^2/NDF : 58.5/49

dit_asym_sam3_rms vs Slug



Right In: 141.171 $\pm$ 0.036 χ^2 /NDF: 4514191.5/22

Left Out: 94.886 $\pm$ 0.016 χ^2 /NDF:1796861.0/24

Right Out: 155.083 $\pm$ 0.036 χ^2 /NDF: 6217856.8/26

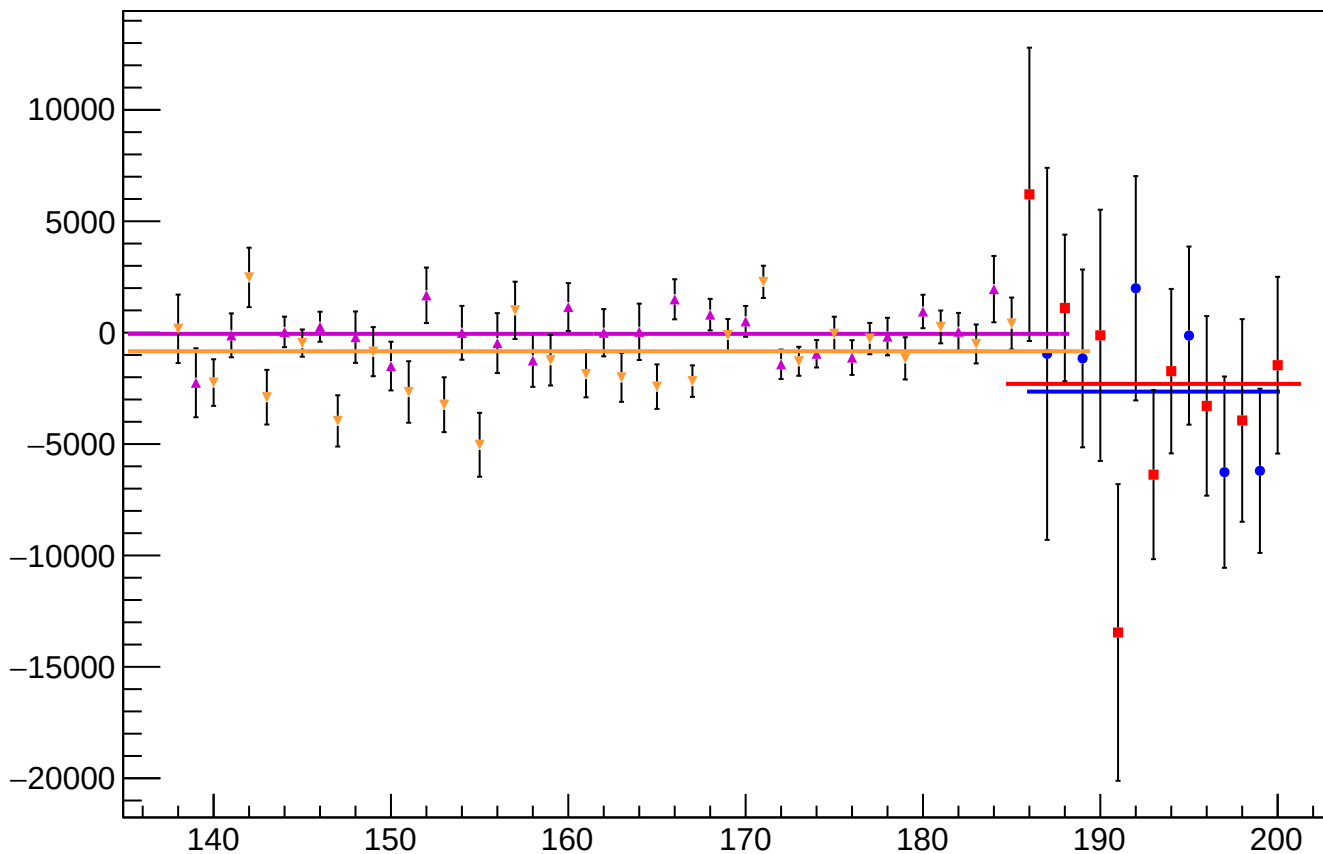
Left In: 97.499 $\pm$ 0.017 χ^2 /NDF:1561333.1/22

+ sign 102.854 $\pm$ 0.015 χ^2 /NDF: 7700999.1/47

All: 105.399 $\pm$ 0.011 χ^2 /NDF: 17644855.8/97

- sign 108.153 $\pm$ 0.015 χ^2 /NDF: 9882462.6/49

asym_sam3_correction_mean vs Slug



Right In: -2645.627 ± 1804.512 χ^2/NDF : 3.1/5

Left Out: -832.580 ± 183.960 χ^2/NDF : 68.8/24

Right Out: -2298.733 ± 1434.585 χ^2/NDF : 7.1/8

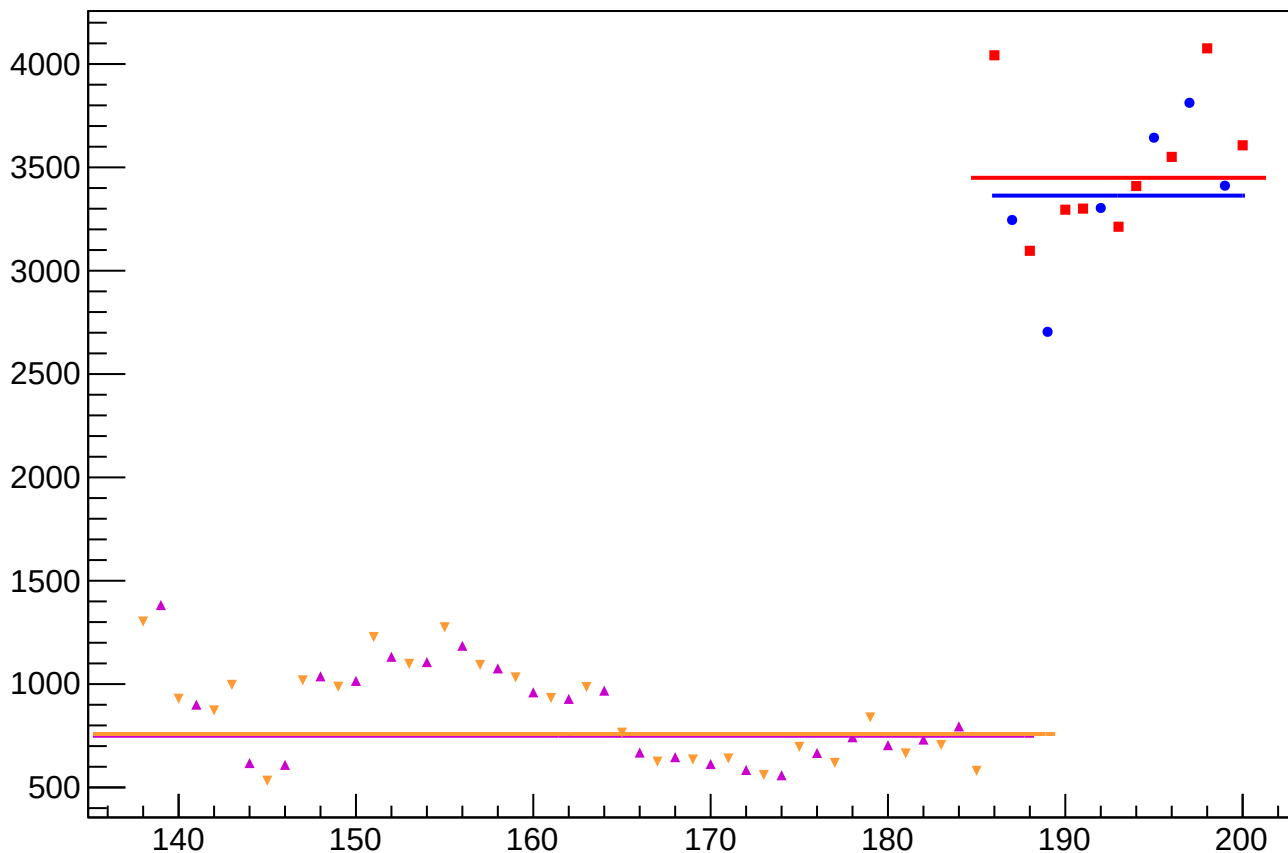
Left In: -53.006 ± 184.870 χ^2/NDF : 25.3/22

+ sign -851.228 ± 183.012 χ^2/NDF : 72.9/30

All: -471.171 ± 129.530 χ^2/NDF : 116.4/62

- sign -89.691 ± 183.354 χ^2/NDF : 34.8/31

asym_sam3_correction_rms vs Slug



Right In: 3363.357 ± 1.276 $\chi^2/\text{NDF}: 87270.2/5$

Left Out: 758.608 ± 0.130 $\chi^2/\text{NDF}: 2453711.9/24$

Right Out: 3449.520 ± 1.014 $\chi^2/\text{NDF}: 92135.2/8$

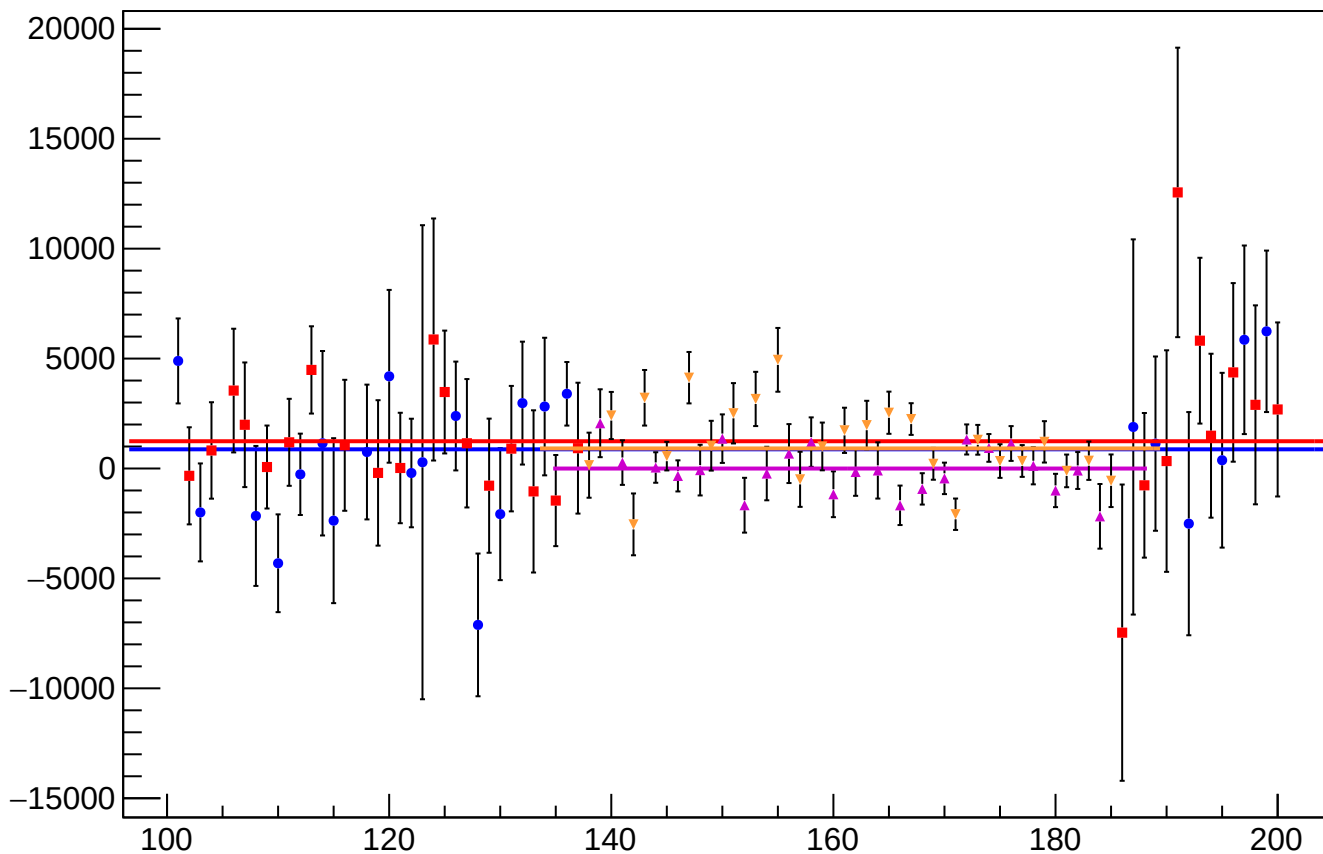
Left In: 749.995 ± 0.131 $\chi^2/\text{NDF}: 2186634.5/22$

+ sign 785.400 ± 0.129 $\chi^2/\text{NDF}: 6665299.9/30$

All: 789.738 ± 0.092 $\chi^2/\text{NDF}: 15912570.8/62$

- sign 794.093 ± 0.130 $\chi^2/\text{NDF}: 9245018.7/31$

asym_sam3_mean vs Slug



Right In: 871.964 ± 585.286 χ^2/NDF : 29.7/22

Left Out: 911.919 ± 186.104 χ^2/NDF : 64.9/24

Right Out: 1239.749 ± 555.865 χ^2/NDF : 16.0/26

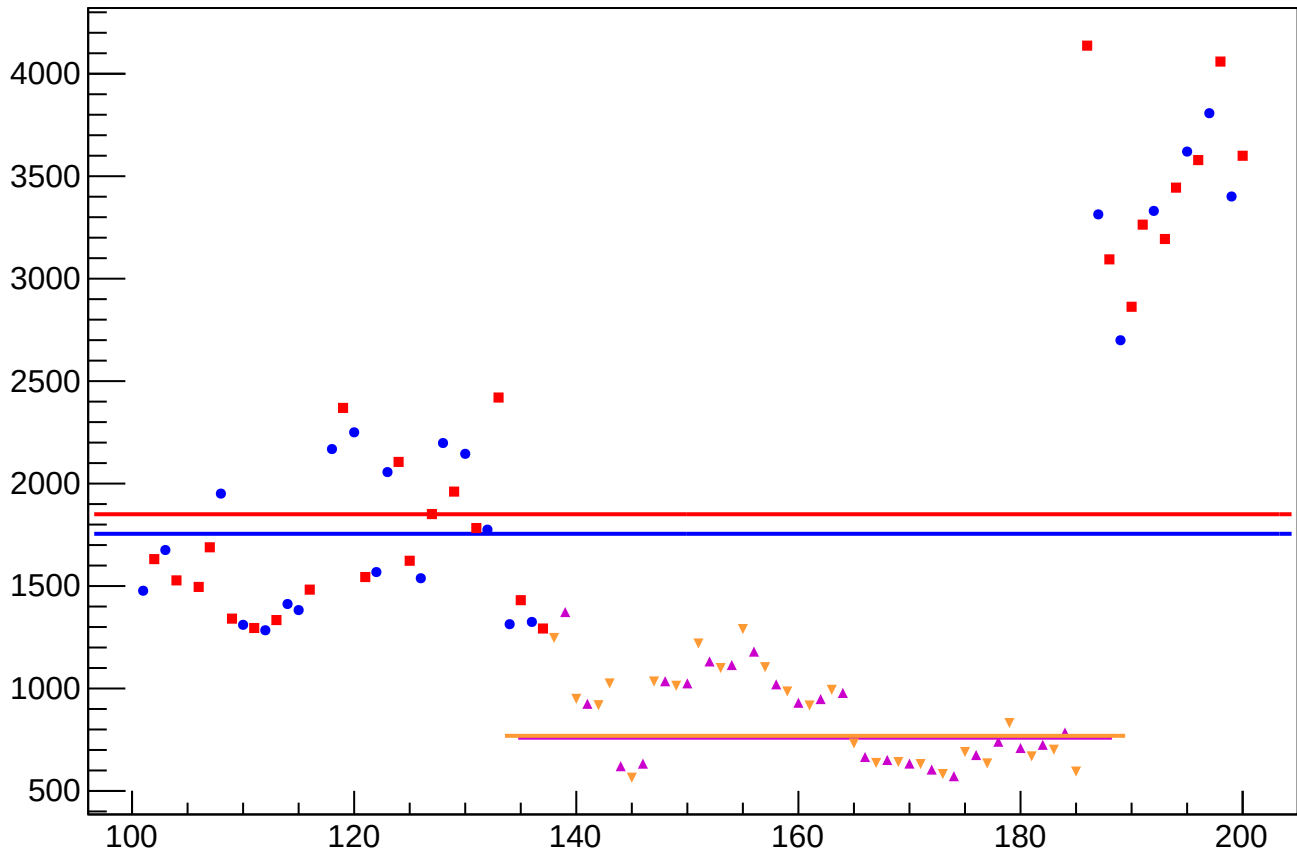
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 908.250 ± 177.354 χ^2/NDF : 94.6/47

All: 516.457 ± 125.449 χ^2/NDF : 150.5/97

- sign 124.153 ± 177.470 χ^2/NDF : 46.1/49

asym_sam3_rms vs Slug



Right In: 1754.938 $\pm$ 0.414 χ^2 /NDF: 2351228.2/22

Left Out: 769.207 $\pm$ 0.132 χ^2 /NDF: 2275390.6/24

Right Out: 1850.422 $\pm$ 0.393 χ^2 /NDF: 3408005.0/26

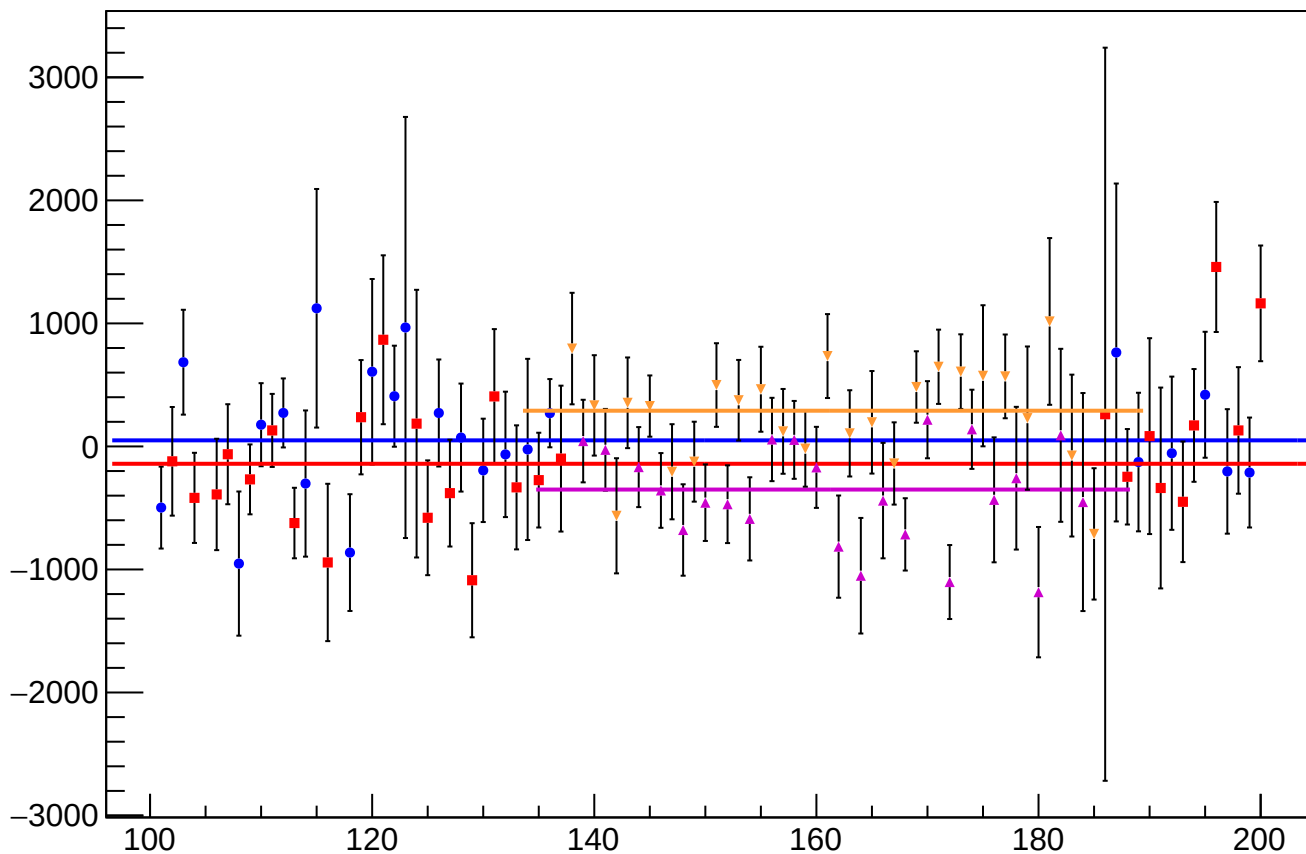
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 859.719 $\pm$ 0.125 χ^2 /NDF: 9778677.5/47

All: 865.401 $\pm$ 0.089 χ^2 /NDF: 22118092.6/97

- sign 871.091 $\pm$ 0.125 χ^2 /NDF: 12335306.6/49

dit_asym_sam4_mean vs Slug



Right In: 49.352 ± 95.731 χ^2/NDF : 18.3/22

Left Out: 290.293 ± 72.910 χ^2/NDF : 22.3/24

Right Out: -141.027 ± 87.194 χ^2/NDF : 34.1/26

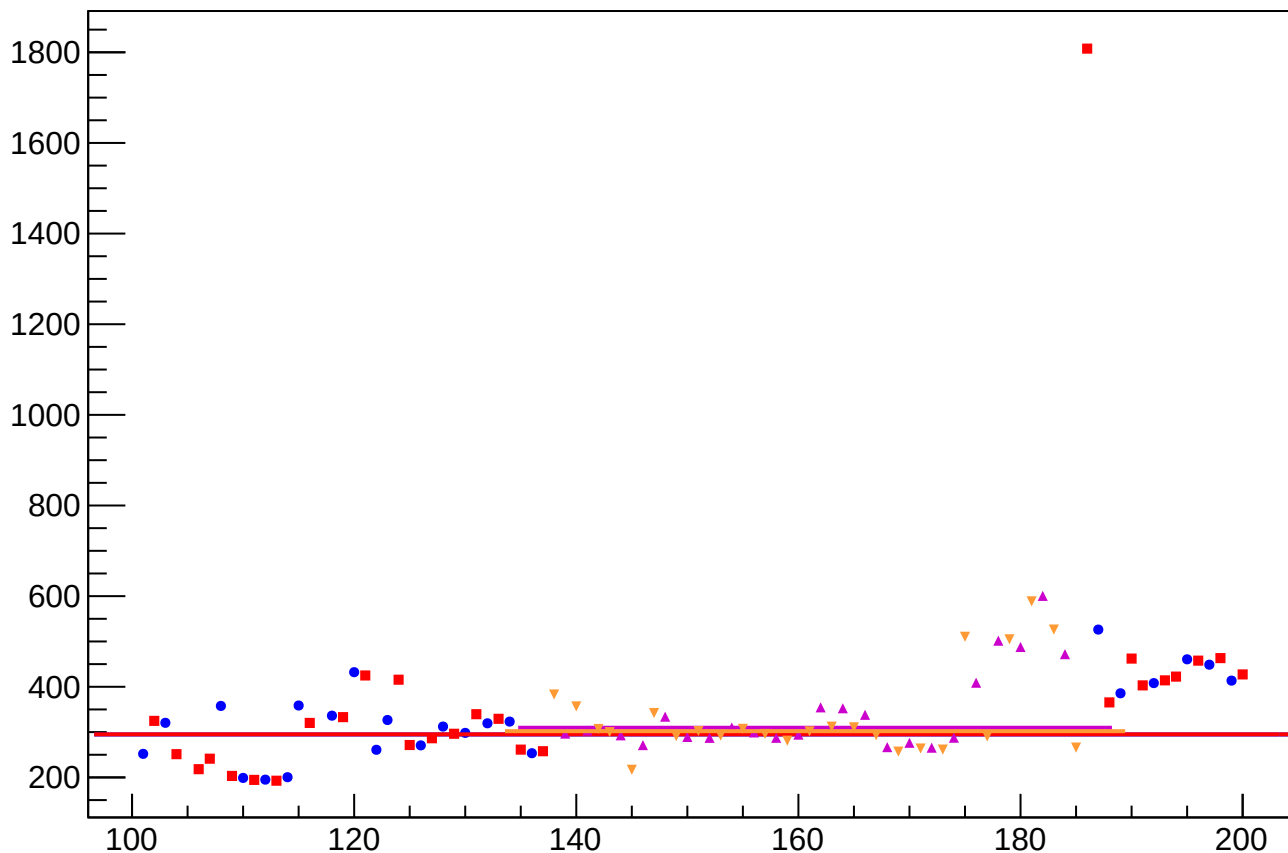
Left In: -350.522 ± 75.911 χ^2/NDF : 27.4/22

+ sign 201.841 ± 58.003 χ^2/NDF : 44.6/47

All: -32.183 ± 40.747 χ^2/NDF : 141.5/97

- sign -260.198 ± 57.254 χ^2/NDF : 64.8/49

dit_asym_sam4_rms vs Slug



Right In: 294.721+/-0.068 χ^2/NDF : 1405335.9/22

Left Out: 302.040+/-0.052 χ^2/NDF :1597233.8/24

Right Out: 295.089+/-0.062 χ^2/NDF : 2526239.9/26

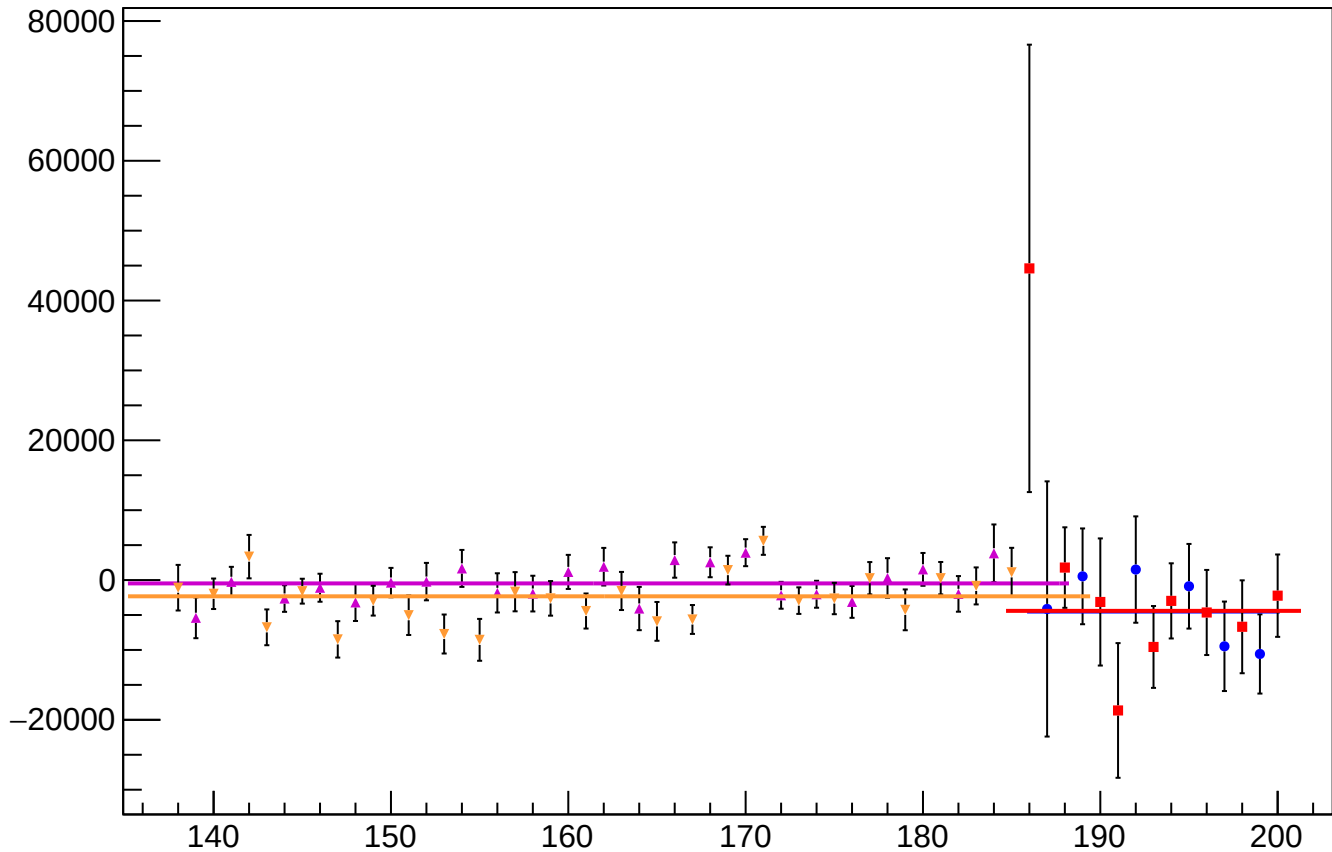
Left In: 309.609+/-0.054 χ^2/NDF :1180280.8/22

+ sign 299.353+/-0.041 χ^2/NDF : 3009970.0/47

All: 301.377+/-0.029 χ^2/NDF : 6752846.7/97

- sign 303.349+/-0.040 χ^2/NDF : 3738069.2/49

asym_sam4_correction_mean vs Slug



Right In: -4501.648 ± 2835.920 χ^2/NDF : 3.3/5

Left Out: -2325.488 ± 486.043 χ^2/NDF : 49.8/24

Right Out: -4407.566 ± 2258.365 χ^2/NDF : 6.8/8

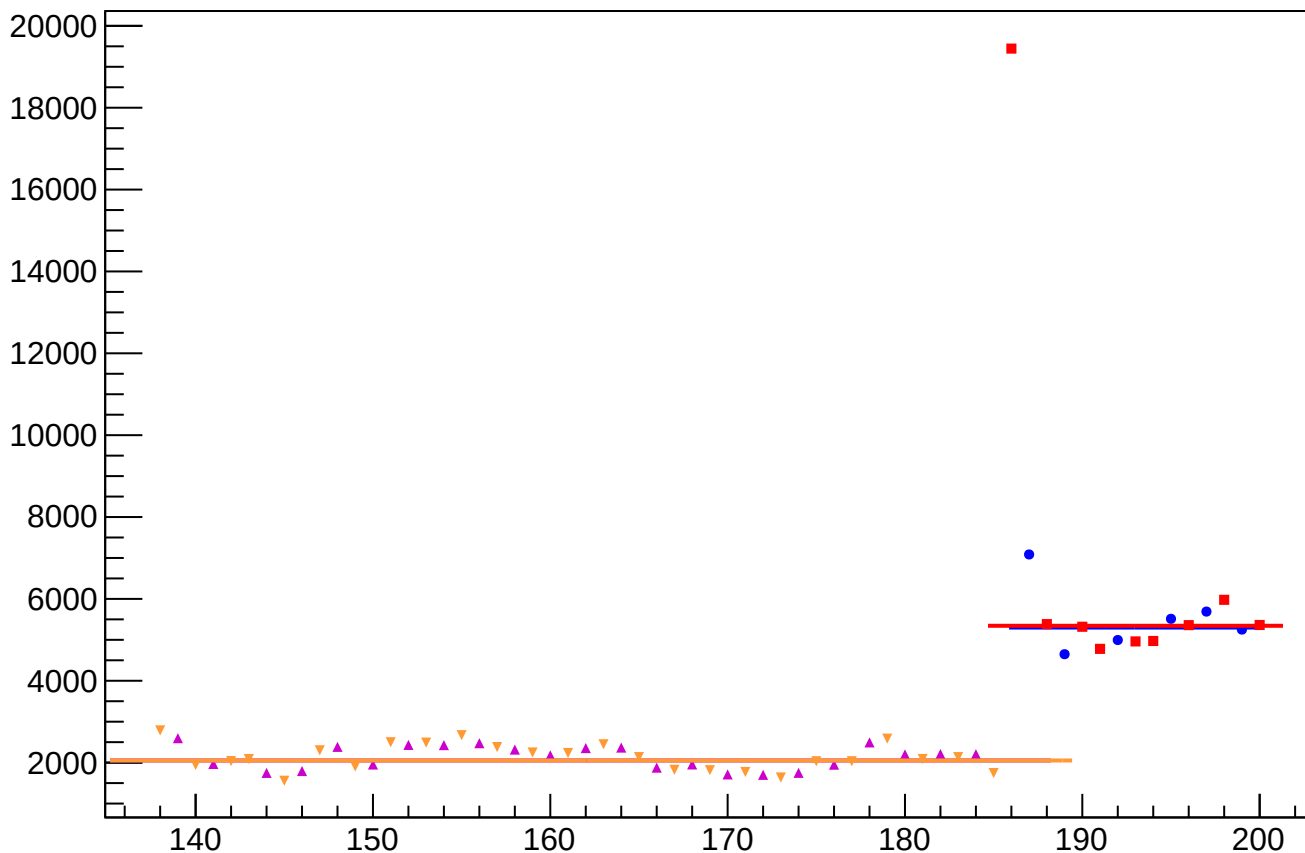
Left In: -477.779 ± 494.228 χ^2/NDF : 23.1/22

+ sign -2387.586 ± 479.058 χ^2/NDF : 53.7/30

All: -1529.220 ± 340.061 χ^2/NDF : 92.9/62

- sign -657.384 ± 482.802 χ^2/NDF : 32.8/31

asym_sam4_correction_rms vs Slug



Right In: 5300.202+/-2.005 χ^2/NDF : 50434.1/5

Left Out: 2052.401+/-0.344 χ^2/NDF : 838023.2/24

Right Out: 5343.273+/-1.597 χ^2/NDF : 431313.3/8

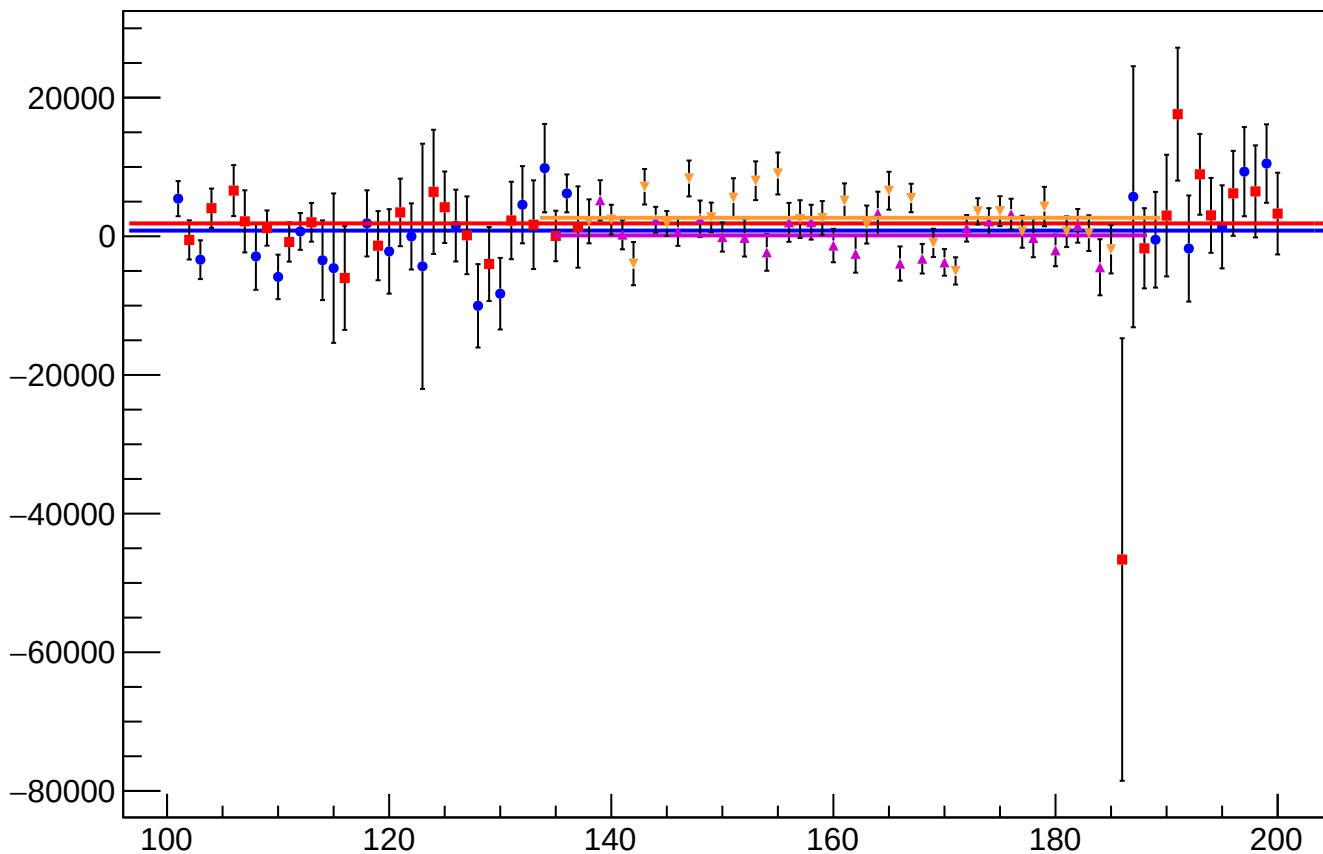
Left In: 2052.384+/-0.349 χ^2/NDF : 653872.2/22

+ sign 2145.079+/-0.339 χ^2/NDF : 3436741.3/30

All: 2173.709+/-0.240 χ^2/NDF : 8589092.5/62

- sign 2202.789+/-0.341 χ^2/NDF : 5137952.0/31

asym_sam4_mean vs Slug



Right In: 823.431 ± 936.872 χ^2/NDF : 29.3/22

Left Out: 2667.050 ± 480.963 χ^2/NDF : 50.0/24

Right Out: 1859.204 ± 858.656 χ^2/NDF : 15.6/26

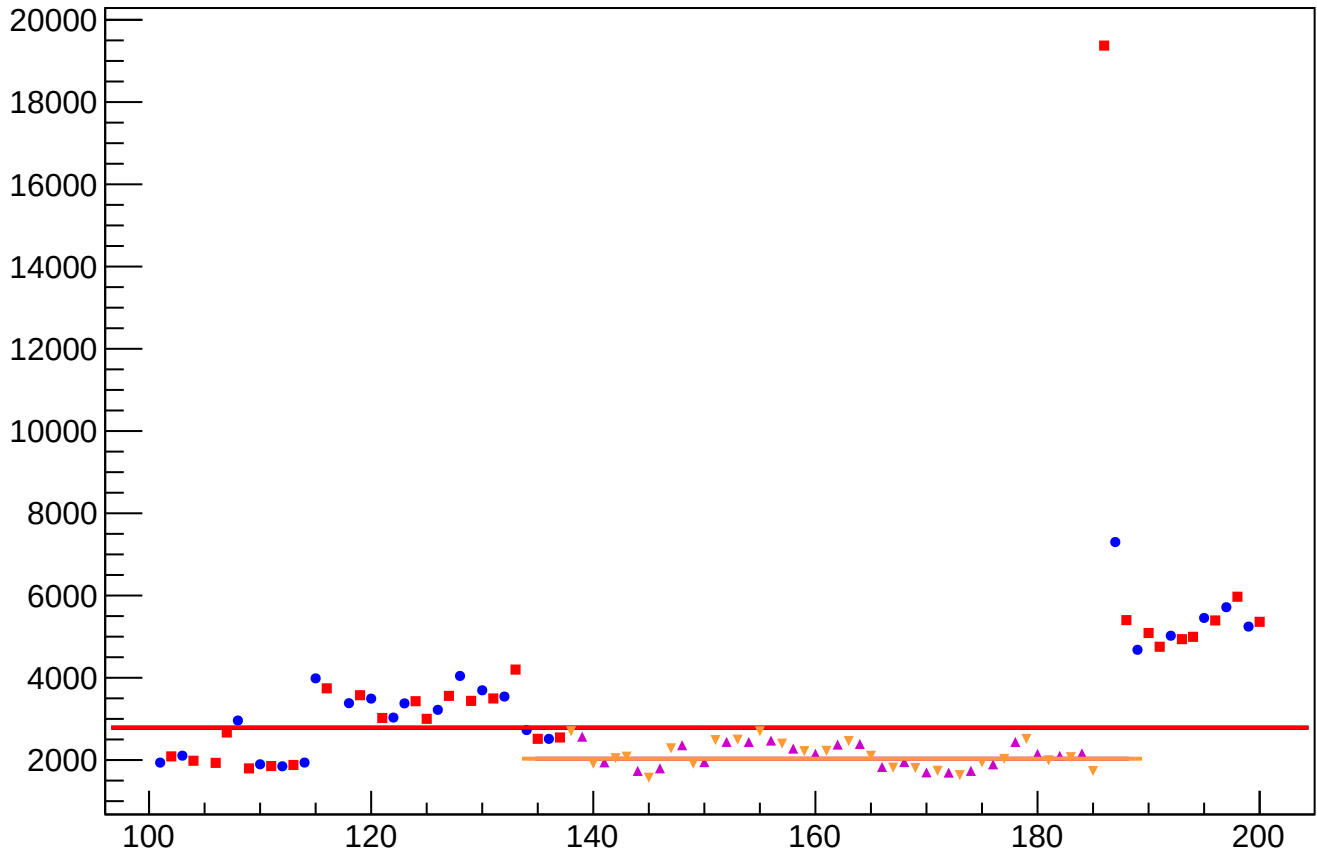
Left In: 132.307 ± 489.752 χ^2/NDF : 24.7/22

+ sign 2282.510 ± 427.874 χ^2/NDF : 82.3/47

All: 1414.388 ± 301.680 χ^2/NDF : 133.9/97

- sign 556.202 ± 425.418 χ^2/NDF : 43.3/49

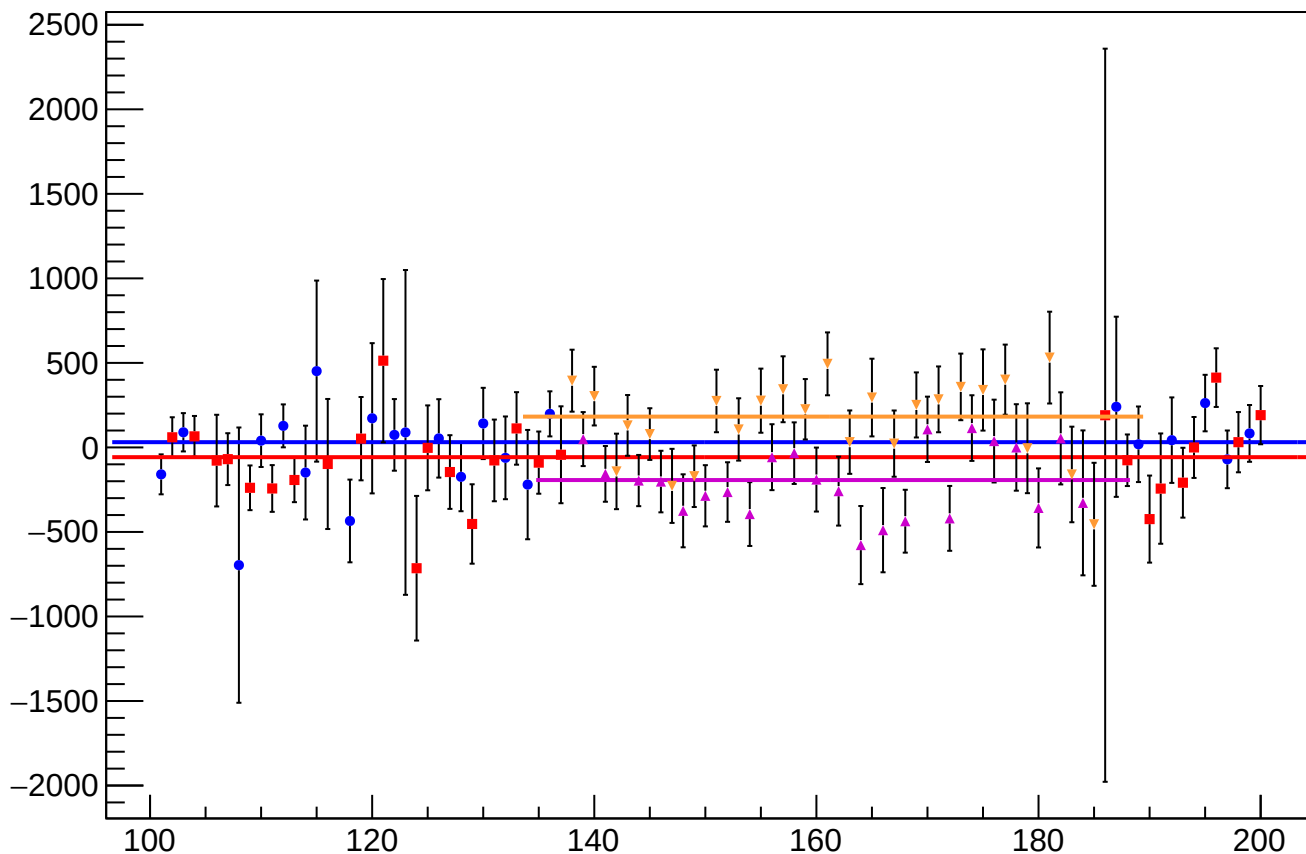
asym_sam4_rms vs Slug



Right In: 2782.656 $\pm$ 0.662 χ^2 /NDF: 2728927.3/22
 Left Out: 2032.502 $\pm$ 0.340 χ^2 /NDF: 824418.6/24
 Right Out: 2793.770 $\pm$ 0.607 χ^2 /NDF: 4420459.3/26
 Left In: 2031.692 $\pm$ 0.346 χ^2 /NDF: 653382.0/22

+ sign 2188.968 $\pm$ 0.303 χ^2 /NDF: 4568140.8/47
 All: 2203.948 $\pm$ 0.213 χ^2 /NDF: 10835547.1/9
 - sign 2218.757 $\pm$ 0.301 χ^2 /NDF: 6262531.6/49

dit_asym_sam5_mean vs Slug



Right In: 31.063 ± 40.543 χ^2/NDF : 15.2/22

Left Out: 182.238 ± 40.102 χ^2/NDF : 26.9/24

Right Out: -57.645 ± 36.454 χ^2/NDF : 27.1/26

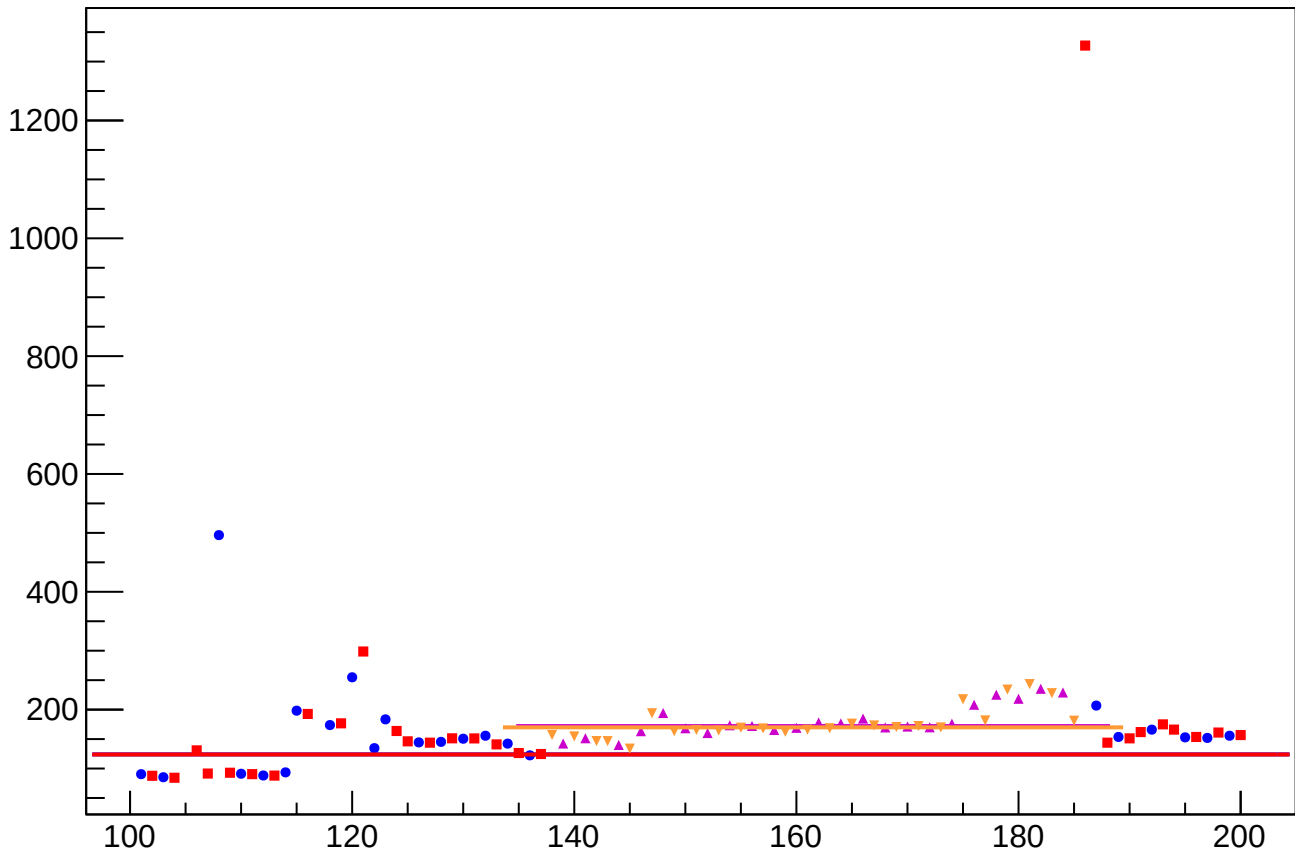
Left In: -193.004 ± 41.384 χ^2/NDF : 21.1/22

+ sign 107.476 ± 28.511 χ^2/NDF : 49.2/47

All: -9.293 ± 19.739 χ^2/NDF : 135.6/97

- sign -116.784 ± 27.355 χ^2/NDF : 54.2/49

dit_asym_sam5_rms vs Slug



Right In: 123.990 $\pm$ 0.029 χ^2 /NDF: 1825405.7/22

Left Out: 169.906 $\pm$ 0.028 χ^2 /NDF: 663159.2/24

Right Out: 123.830 $\pm$ 0.026 χ^2 /NDF: 2552074.3/26

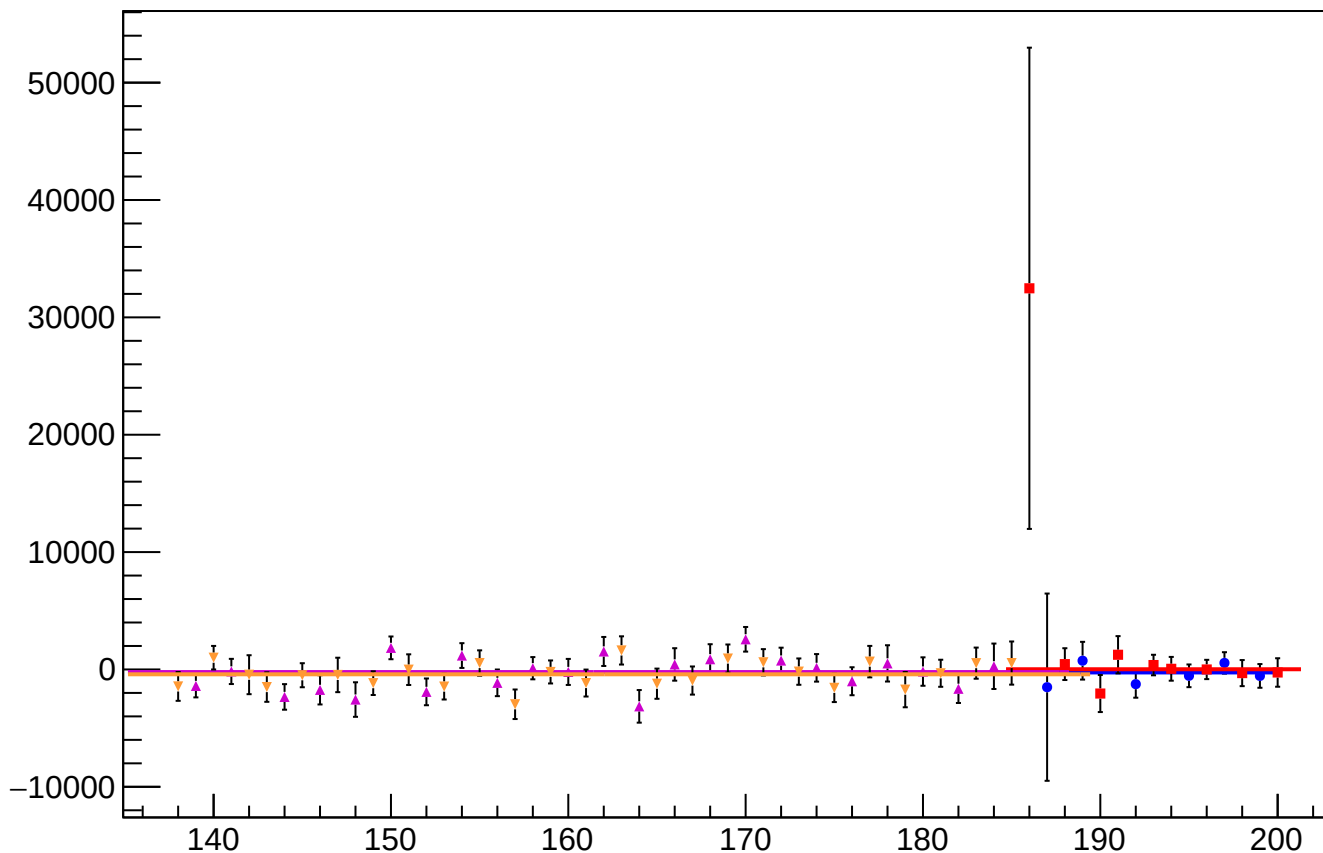
Left In: 172.065 $\pm$ 0.029 χ^2 /NDF: 589733.9/22

+ sign 147.199 $\pm$ 0.020 χ^2 /NDF: 3785229.7/47

All: 146.004 $\pm$ 0.014 χ^2 /NDF: 8463675.7/97

- sign 144.904 $\pm$ 0.019 χ^2 /NDF: 4671702.4/49

asym_sam5_correction_mean vs Slug



Right In: -255.074+/-476.672 χ^2 /NDF: 2.1/5

Left Out: -412.804+/-240.278 χ^2 /NDF:19.0/24

Right Out: 16.707+/-389.330 χ^2 /NDF: 5.2/8

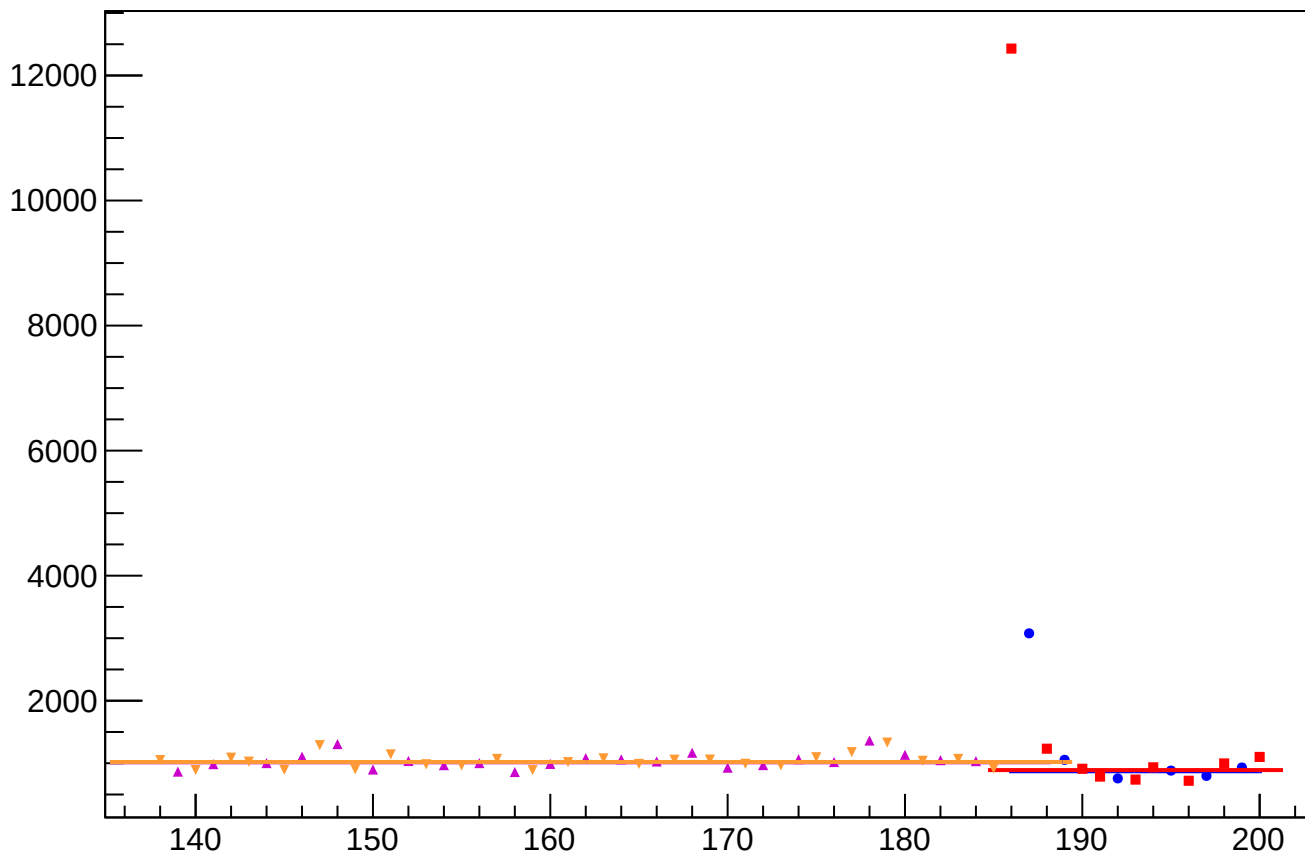
Left In: -223.332+/-243.771 χ^2 /NDF:36.0/22

+ sign -380.846+/-214.560 χ^2 /NDF: 21.2/30

All: -264.042+/-148.828 χ^2 /NDF: 63.3/62

- sign -155.730+/-206.613 χ^2 /NDF: 41.5/31

asym_sam5_correction_rms vs Slug



Right In: 872.058+/-0.337 χ^2/NDF : 218649.1/5

Left Out: 1020.149+/-0.170 χ^2/NDF : 369866.7/24

Right Out: 890.793+/-0.275 χ^2/NDF : 999099.4/8

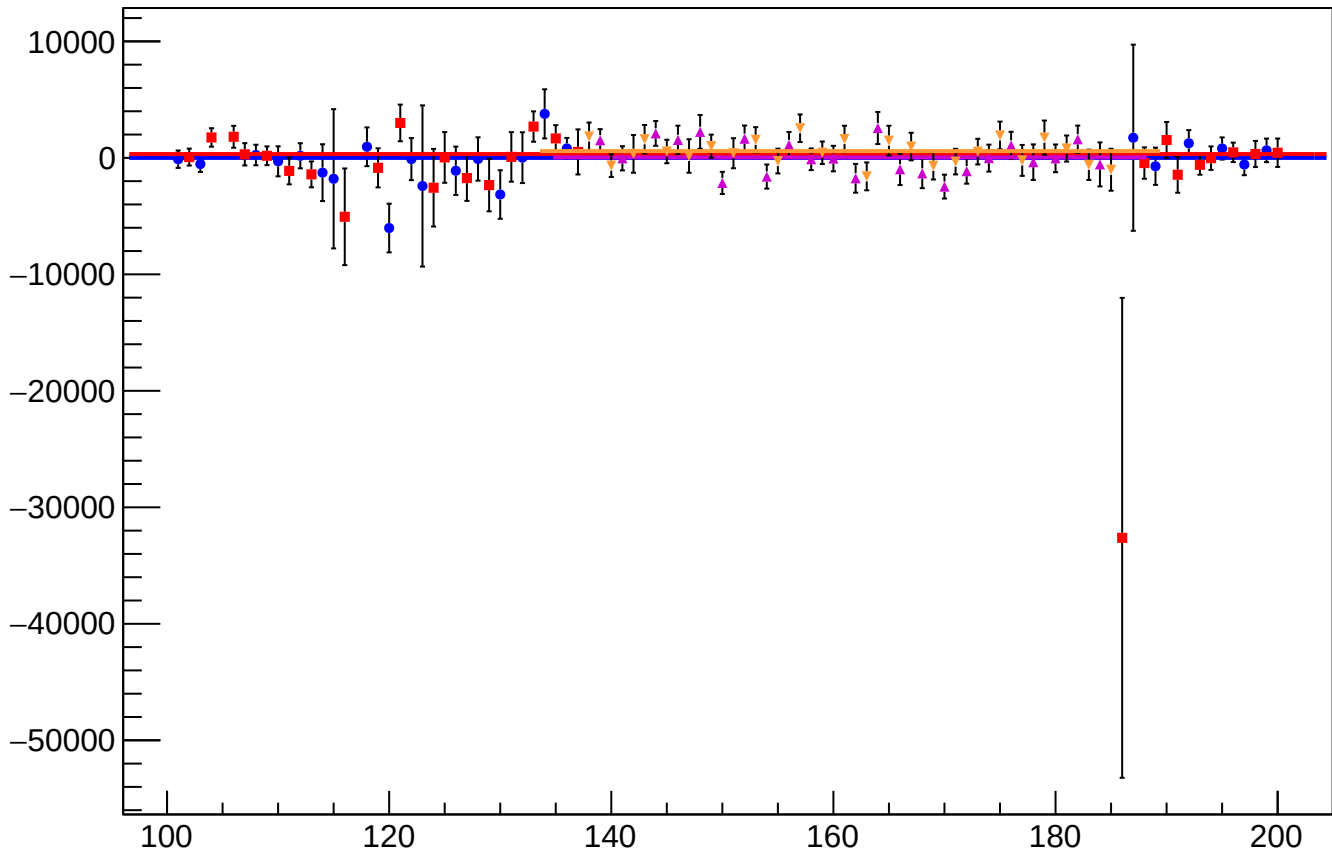
Left In: 1015.000+/-0.172 χ^2/NDF : 404865.5/22

+ sign 990.144+/-0.152 χ^2/NDF : 742443.7/30

All: 984.891+/-0.105 χ^2/NDF : 2294947.9/62

- sign 980.019+/-0.146 χ^2/NDF : 1550193.5/31

asym_sam5_mean vs Slug



Right In: -2.857 ± 260.716 χ^2/NDF : 19.5/22

Left Out: 580.226 ± 235.583 χ^2/NDF : 18.4/24

Right Out: 326.769 ± 230.072 χ^2/NDF : 29.1/26

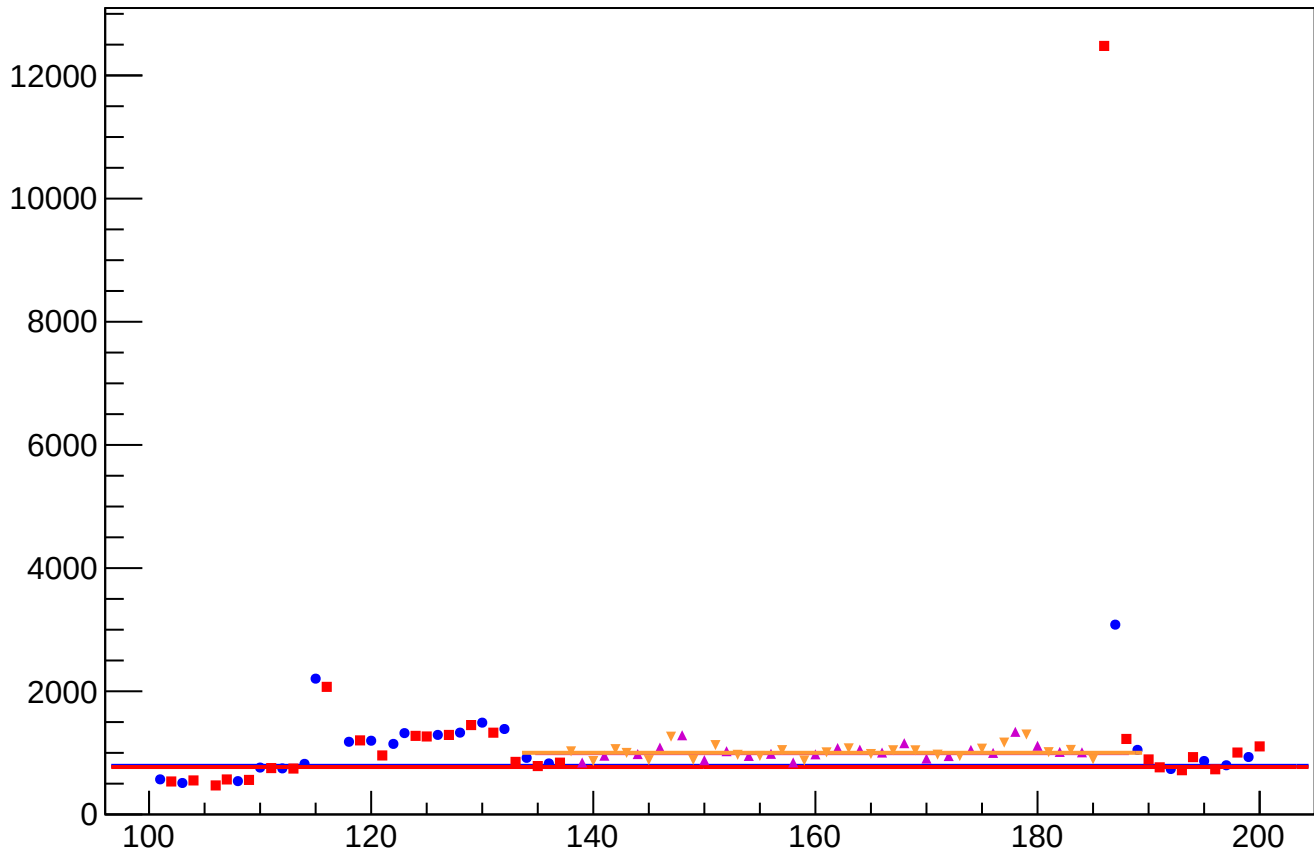
Left In: 42.397 ± 239.278 χ^2/NDF : 37.9/22

+ sign 318.137 ± 174.794 χ^2/NDF : 40.6/47

All: 250.788 ± 120.309 χ^2/NDF : 108.6/97

- sign 190.159 ± 165.845 χ^2/NDF : 67.7/49

asym_sam5_rms vs Slug



Right In: 789.600 $\pm$ 0.184 χ^2 /NDF: 2008264.2/22

Left Out: 1001.233 $\pm$ 0.167 χ^2 /NDF: 370278.3/24

Right Out: 770.045 $\pm$ 0.163 χ^2 /NDF: 2956754.9/26

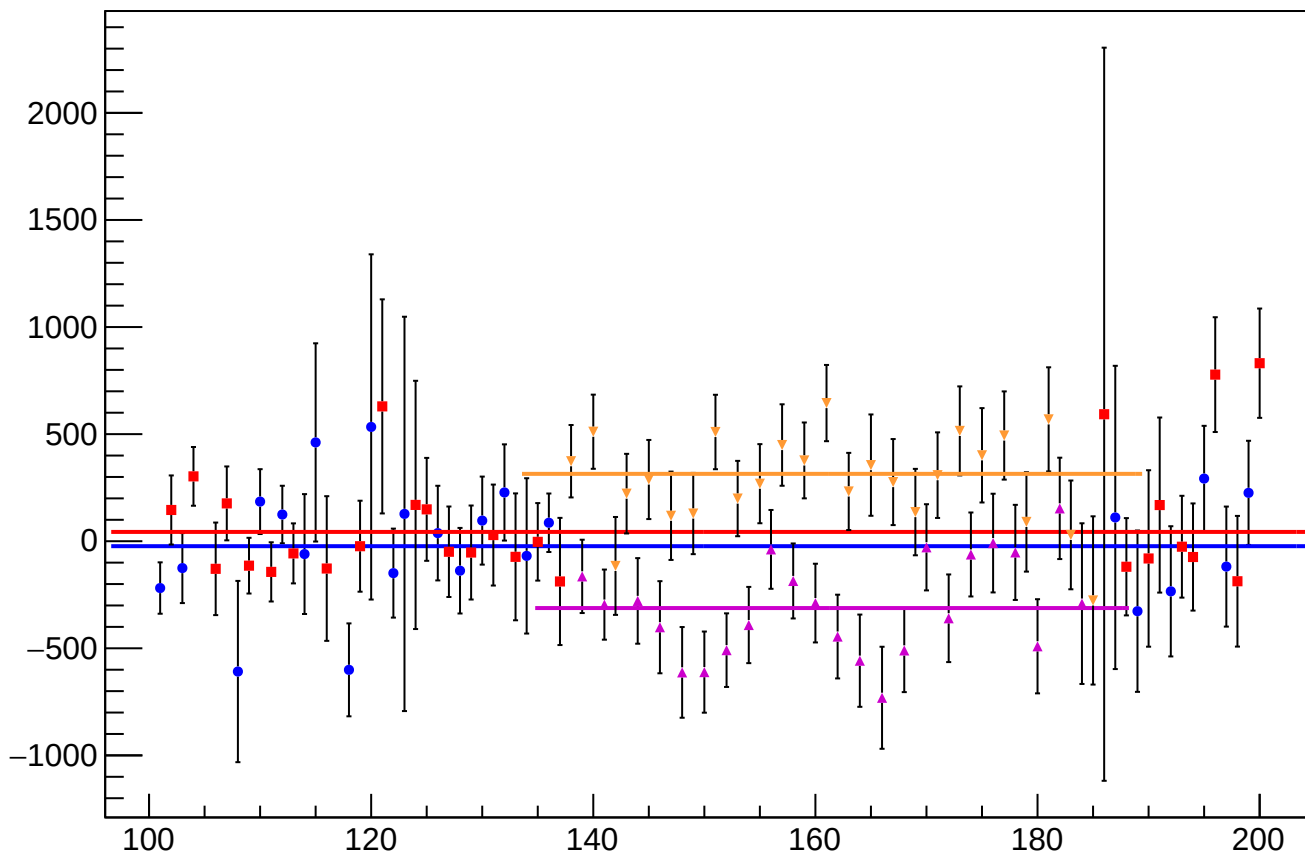
Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

+ sign 906.107 $\pm$ 0.124 χ^2 /NDF: 3104021.4/47

All: 891.523 $\pm$ 0.085 χ^2 /NDF: 7435012.8/97

- sign 878.395 $\pm$ 0.117 χ^2 /NDF: 4304537.5/49

dit_asym_sam6_mean vs Slug



Right In: -23.190 ± 45.068 $\chi^2/\text{NDF}: 23.7/22$

Left Out: 314.517 ± 39.818 $\chi^2/\text{NDF}: 21.4/24$

Right Out: 43.414 ± 41.381 $\chi^2/\text{NDF}: 30.9/26$

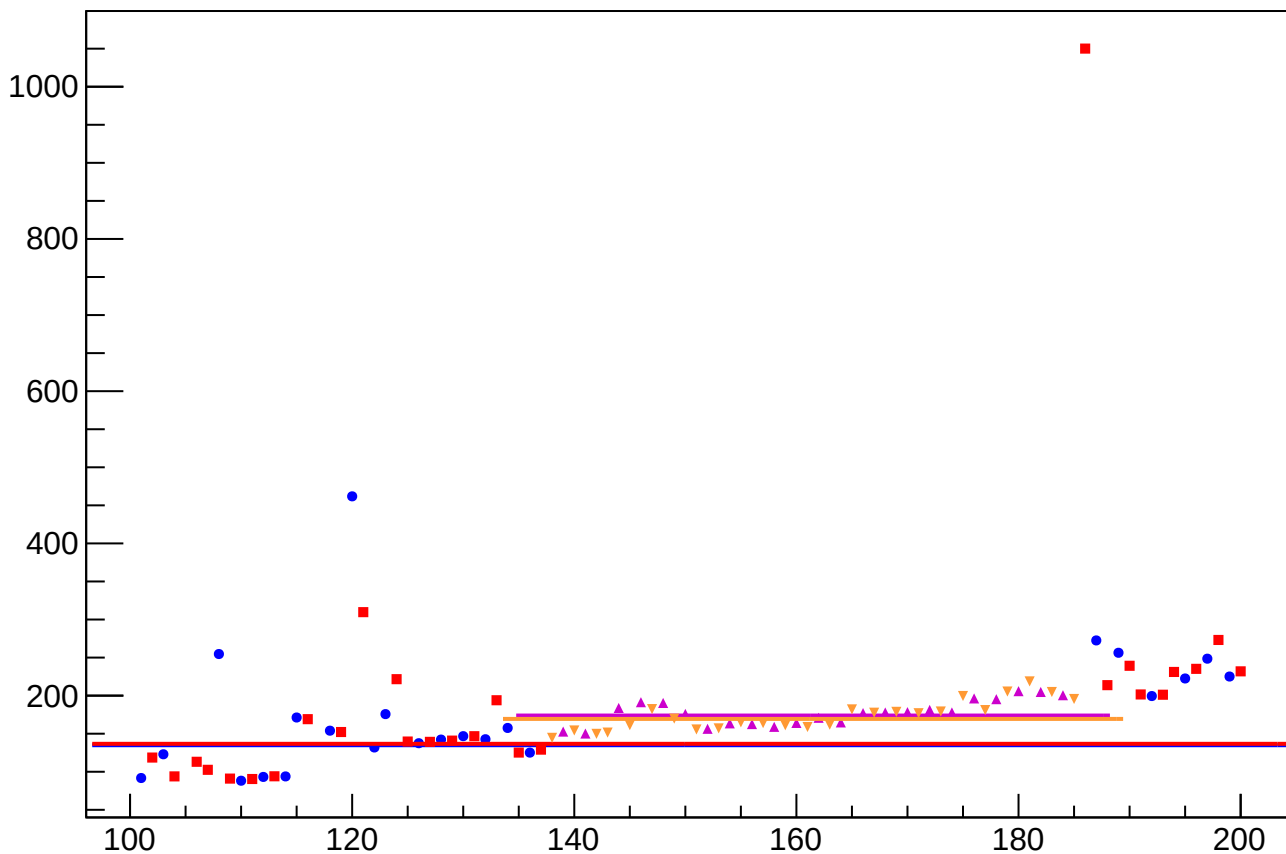
Left In: -312.097 ± 41.646 $\chi^2/\text{NDF}: 26.9/22$

+ sign 166.472 ± 29.840 $\chi^2/\text{NDF}: 76.6/47$

All: 14.171 ± 20.926 $\chi^2/\text{NDF}: 222.4/97$

- sign -133.208 ± 29.354 $\chi^2/\text{NDF}: 94.5/49$

dit_asym_sam6_rms vs Slug



Right In: 134.866+/-0.032 χ^2/NDF : 2477634.3/22

Left Out: 169.432+/-0.028 χ^2/NDF : 386461.5/24

Right Out: 136.696+/-0.029 χ^2/NDF : 3733167.5/26

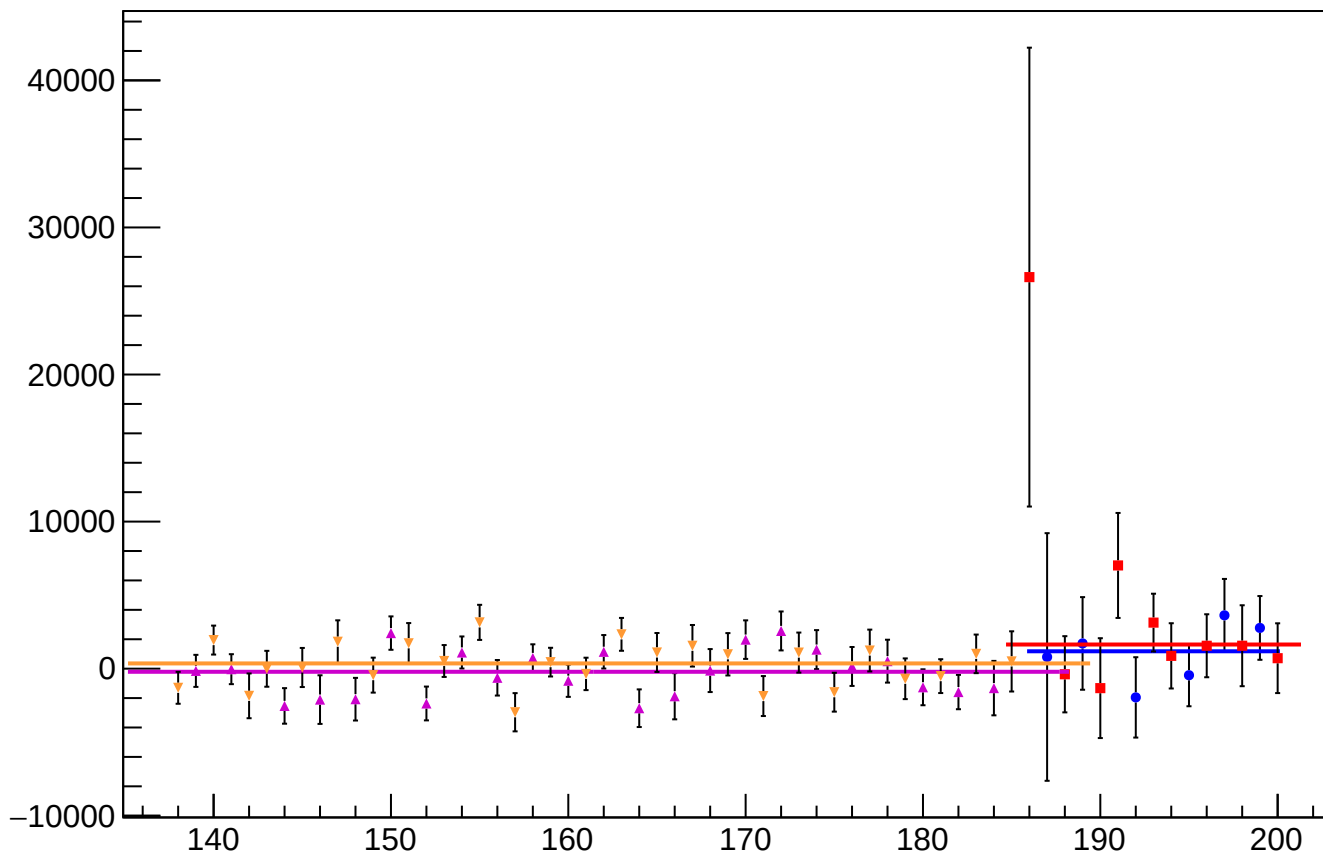
Left In: 173.847+/-0.029 χ^2/NDF : 291729.8/22

+ sign 154.278+/-0.021 χ^2/NDF : 3524835.1/47

All: 154.723+/-0.015 χ^2/NDF : 8351456.2/97

- sign 155.153+/-0.021 χ^2/NDF : 4825748.0/49

asym_sam6_correction_mean vs Slug



Right In: 1181.993 $\pm$ 1084.887 χ^2 /NDF: 3.5/5

Left Out: 356.612 $\pm$ 250.934 χ^2 /NDF: 33.4/24

Right Out: 1642.380 $\pm$ 874.229 χ^2 /NDF: 7.1/8

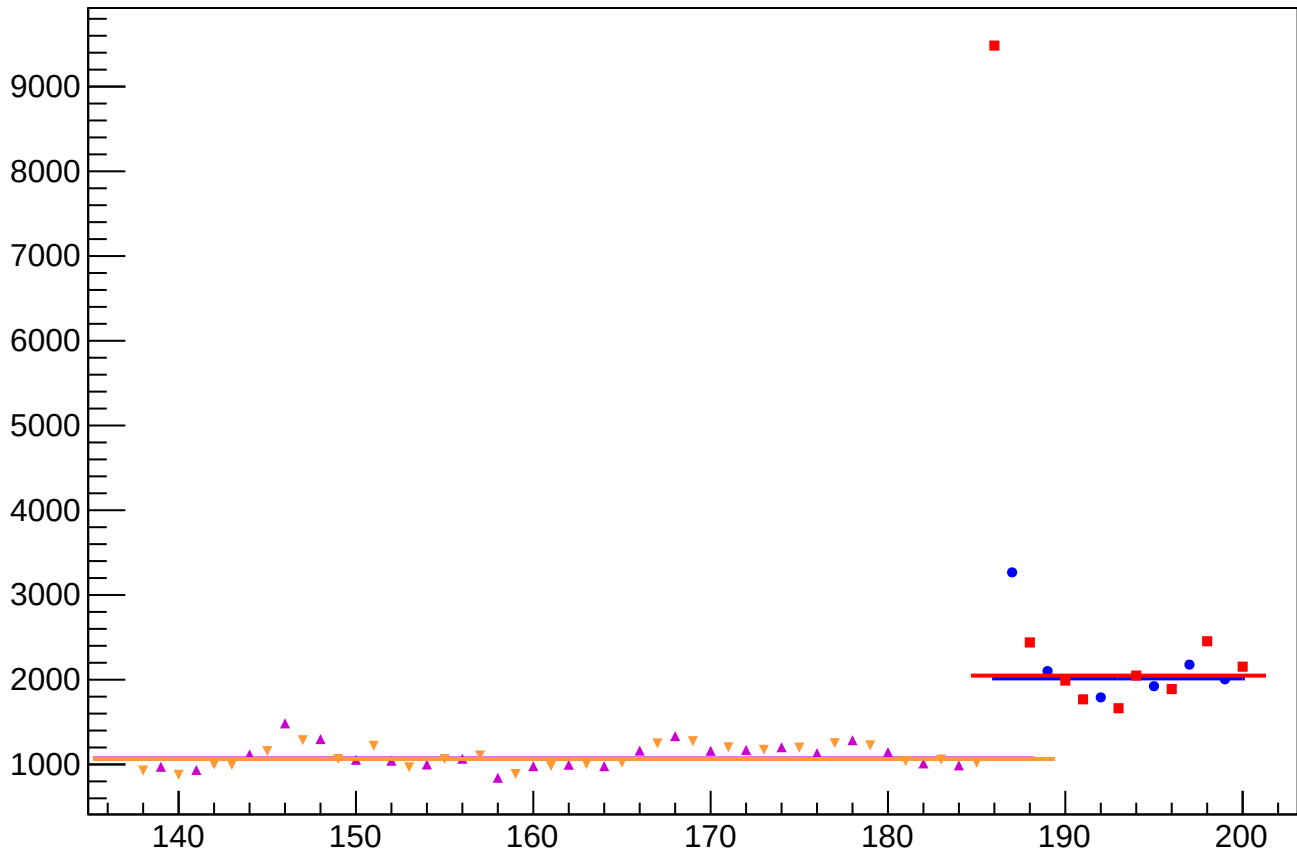
Left In: -212.007 $\pm$ 257.383 χ^2 /NDF: 36.0/22

+ sign 398.527 $\pm$ 244.480 χ^2 /NDF: 37.4/30

All: 169.501 $\pm$ 173.724 χ^2 /NDF: 86.4/62

- sign -64.092 $\pm$ 246.905 χ^2 /NDF: 47.2/31

asym_sam6_correction_rms vs Slug



Right In: 2015.372+/-0.767 χ^2/NDF : 71650.0/5

Left Out: 1064.868+/-0.177 χ^2/NDF : 493614.2/24

Right Out: 2048.303+/-0.618 χ^2/NDF : 647965.7/8

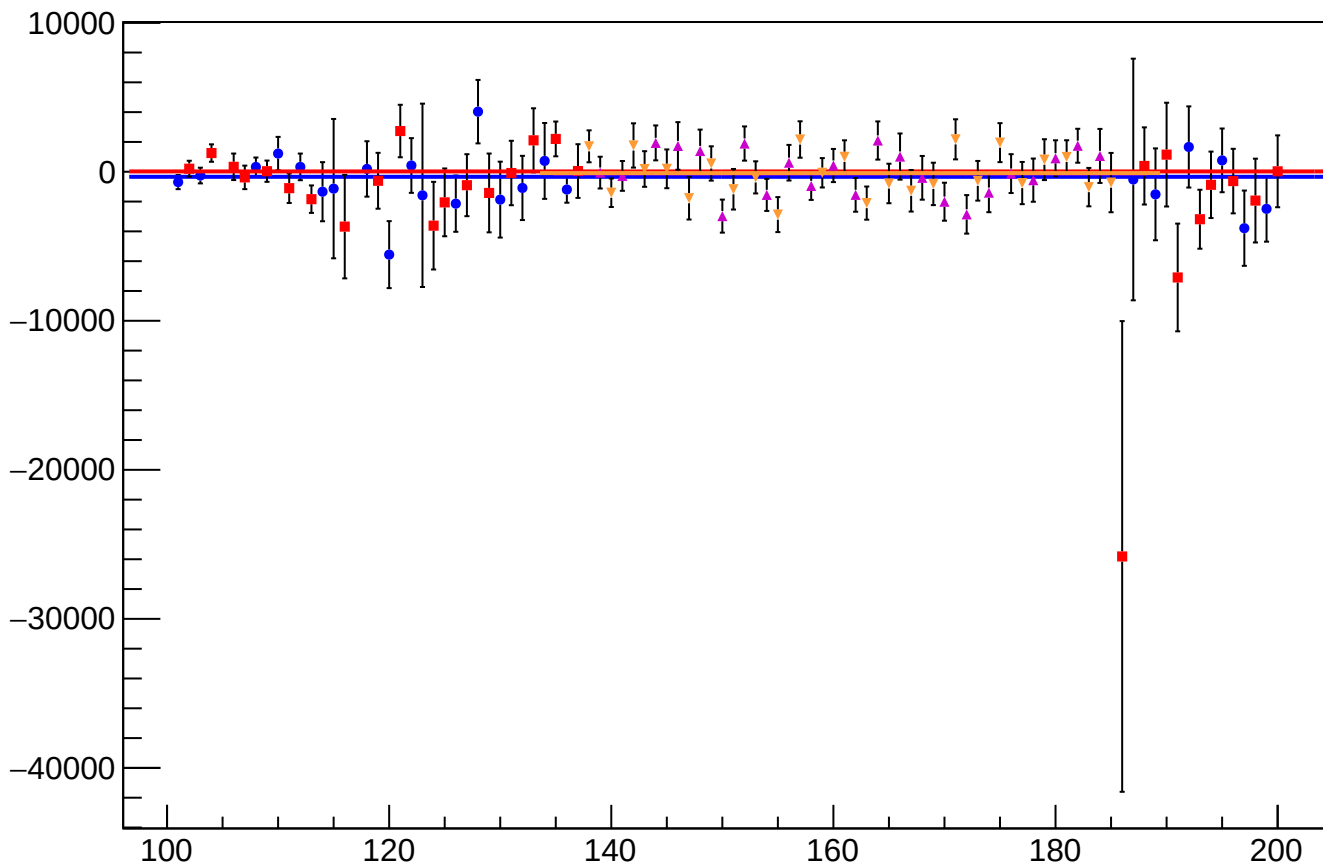
Left In: 1070.694+/-0.182 χ^2/NDF : 570407.8/22

+ sign 1113.138+/-0.173 χ^2/NDF : 2022512.2/30

All: 1130.729+/-0.123 χ^2/NDF : 5563298.6/62

- sign 1148.672+/-0.175 χ^2/NDF : 3519868.9/31

asym_sam6_mean vs Slug



Right In: -338.499 ± 243.744 χ^2/NDF : 20.6/22

Left Out: -89.632 ± 247.271 χ^2/NDF : 31.0/24

Right Out: 21.372 ± 238.517 χ^2/NDF : 31.3/26

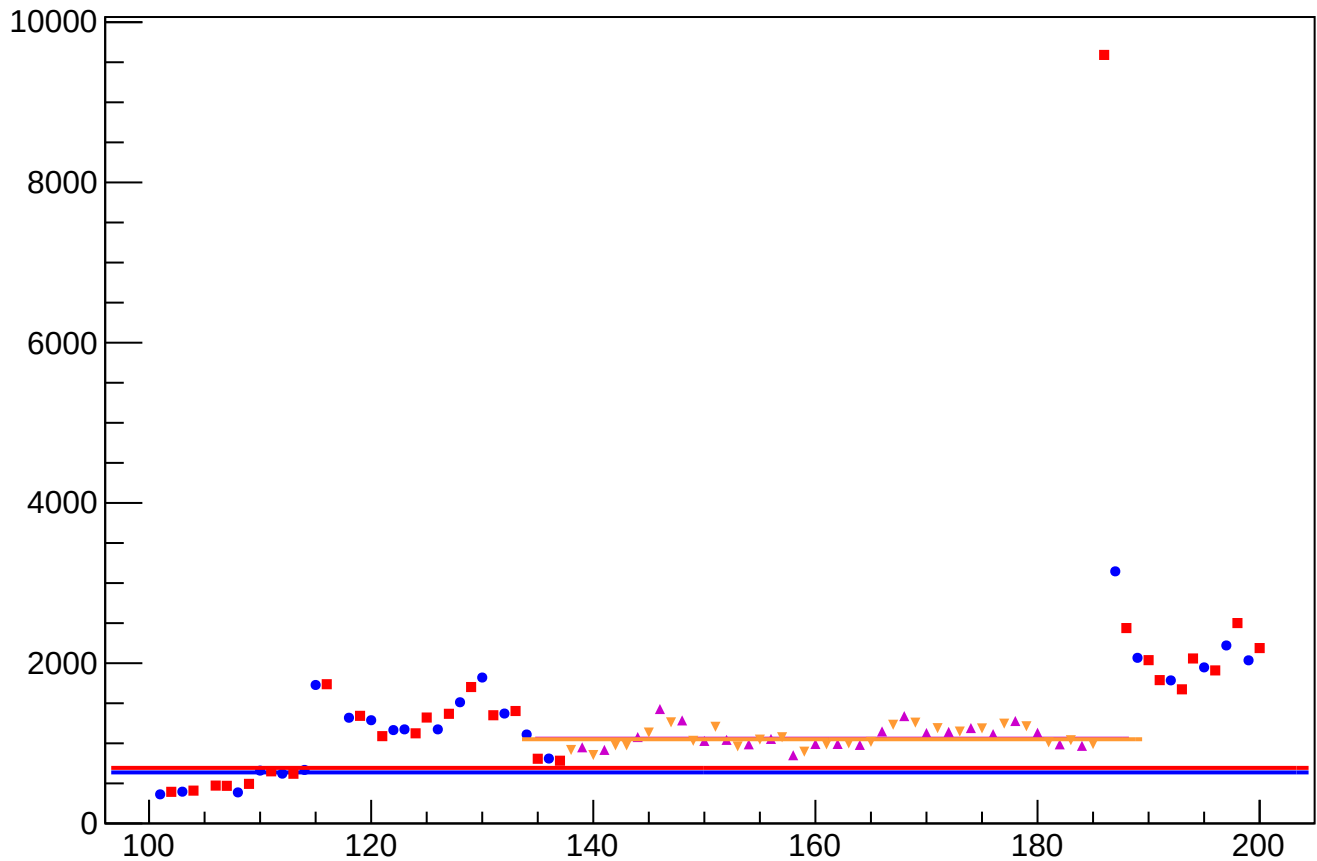
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -215.853 ± 173.587 χ^2/NDF : 52.1/47

All: -128.382 ± 122.883 χ^2/NDF : 119.2/97

- sign -40.513 ± 173.981 χ^2/NDF : 66.6/49

asym_sam6_rms vs Slug



Right In: 636.994 ± 0.172 χ^2/NDF : 6756445.3/22

Left Out: 1050.918 ± 0.175 χ^2/NDF : 483477.5/24

Right Out: 693.601 ± 0.169 χ^2/NDF : 8694479.9/26

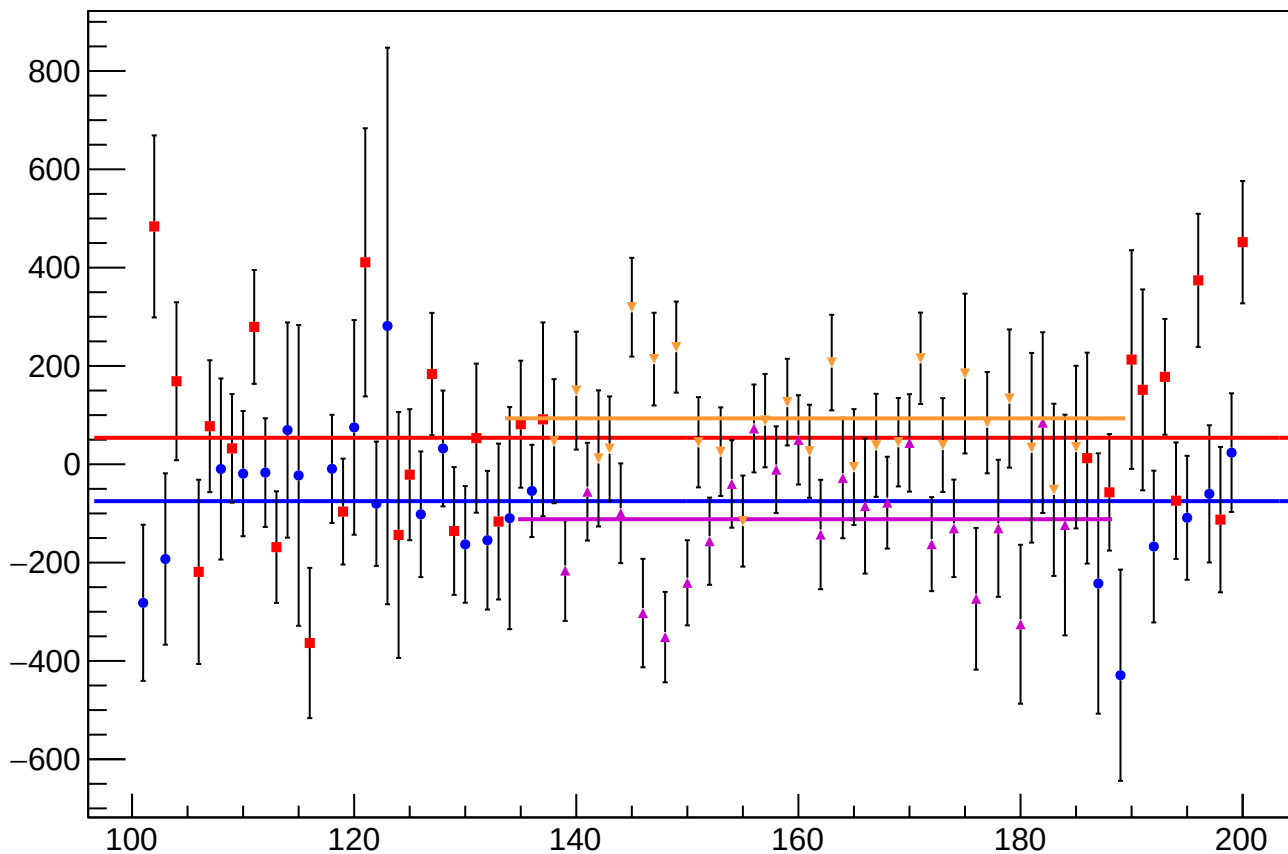
Left In: 1058.154 ± 0.180 χ^2/NDF : 532260.0/22

+ sign 840.983 ± 0.123 χ^2/NDF : 10082350.5/47

All: 852.559 ± 0.087 χ^2/NDF : 21513151.7/97

- sign 864.187 ± 0.123 χ^2/NDF : 11412973.3/49

dit_asym_sam7_mean vs Slug



Right In: -75.027 ± 30.223 $\chi^2/\text{NDF}: 10.5/22$

Left Out: 93.496 ± 21.284 $\chi^2/\text{NDF}: 22.8/24$

Right Out: 53.901 ± 27.330 $\chi^2/\text{NDF}: 53.2/26$

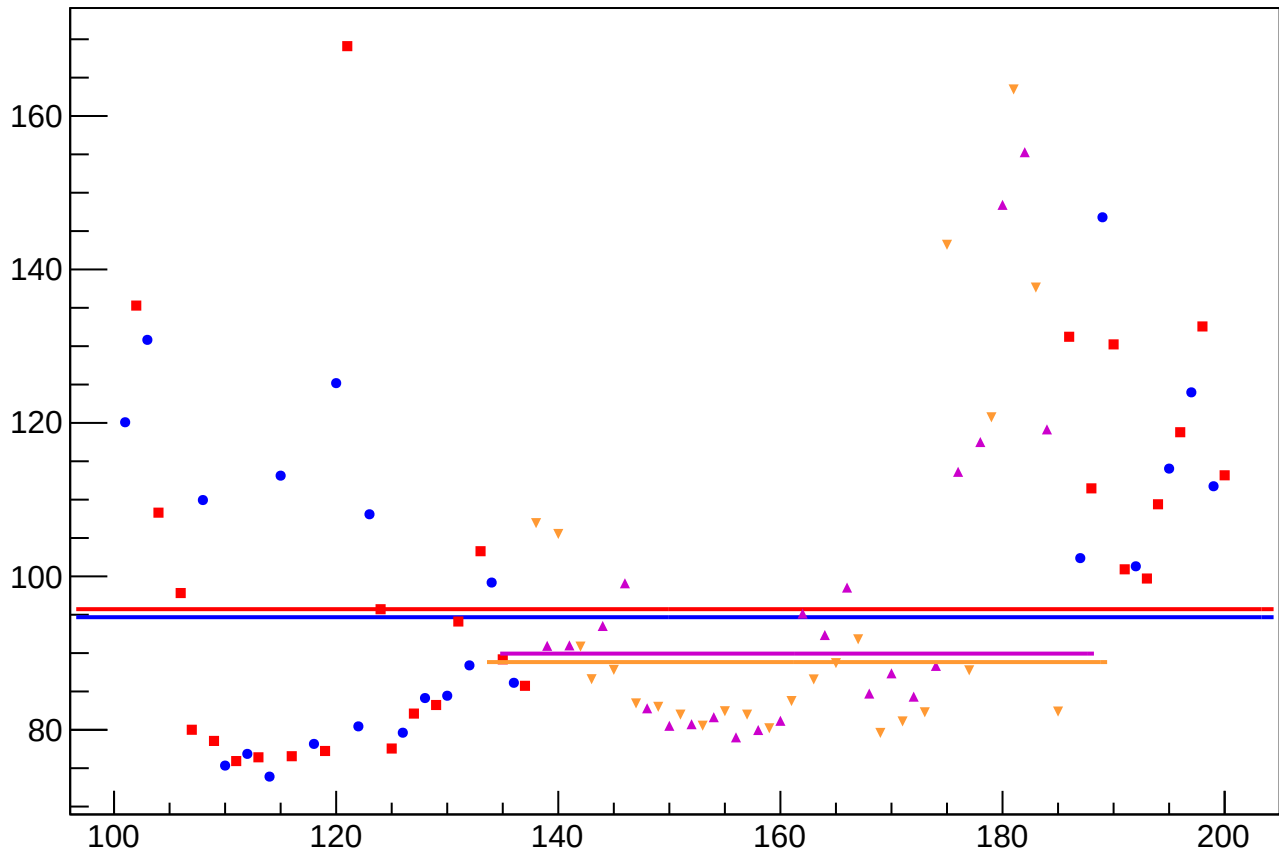
Left In: -111.732 ± 21.971 $\chi^2/\text{NDF}: 30.7/22$

+ sign 37.626 ± 17.402 $\chi^2/\text{NDF}: 54.0/47$

All: -5.222 ± 12.205 $\chi^2/\text{NDF}: 172.2/97$

- sign -46.709 ± 17.124 $\chi^2/\text{NDF}: 106.2/49$

dit_asym_sam7_rms vs Slug



Right In: 94.678 $\pm$ 0.021 χ^2 /NDF: 763343.2/22

Left Out: 88.830 $\pm$ 0.015 χ^2 /NDF: 1000651.2/24

Right Out: 95.726 $\pm$ 0.019 χ^2 /NDF: 1015566.9/26

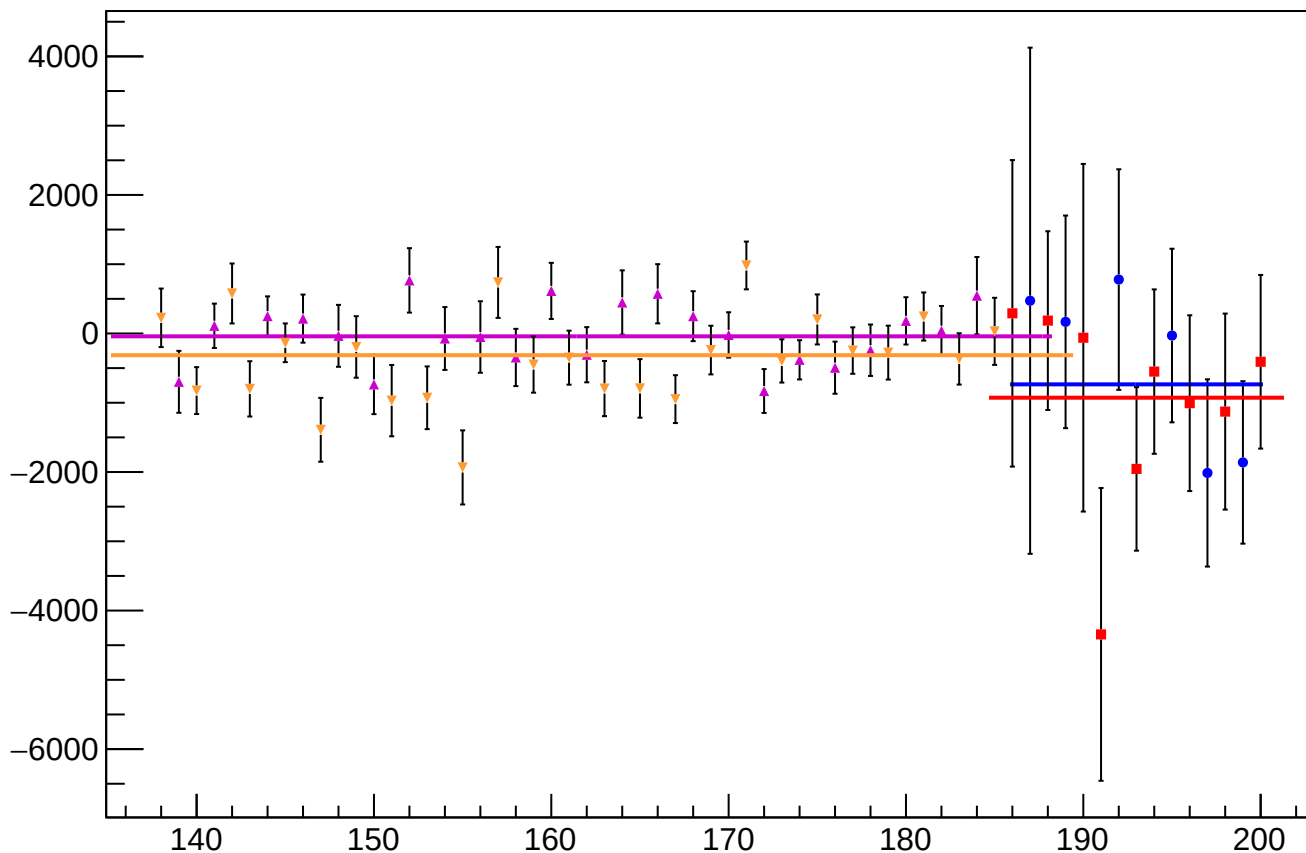
Left In: 89.934 $\pm$ 0.016 χ^2 /NDF: 874129.5/22

+ sign 90.769 $\pm$ 0.012 χ^2 /NDF: 1814062.4/47

All: 91.500 $\pm$ 0.009 χ^2 /NDF: 3765261.6/97

- sign 92.208 $\pm$ 0.012 χ^2 /NDF: 1944252.3/49

asym_sam7_correction_mean vs Slug



Right In: -734.424 ± 597.039 χ^2/NDF : 3.5/5

Left Out: -313.446 ± 77.334 χ^2/NDF : 58.1/24

Right Out: -927.024 ± 478.215 χ^2/NDF : 4.8/8

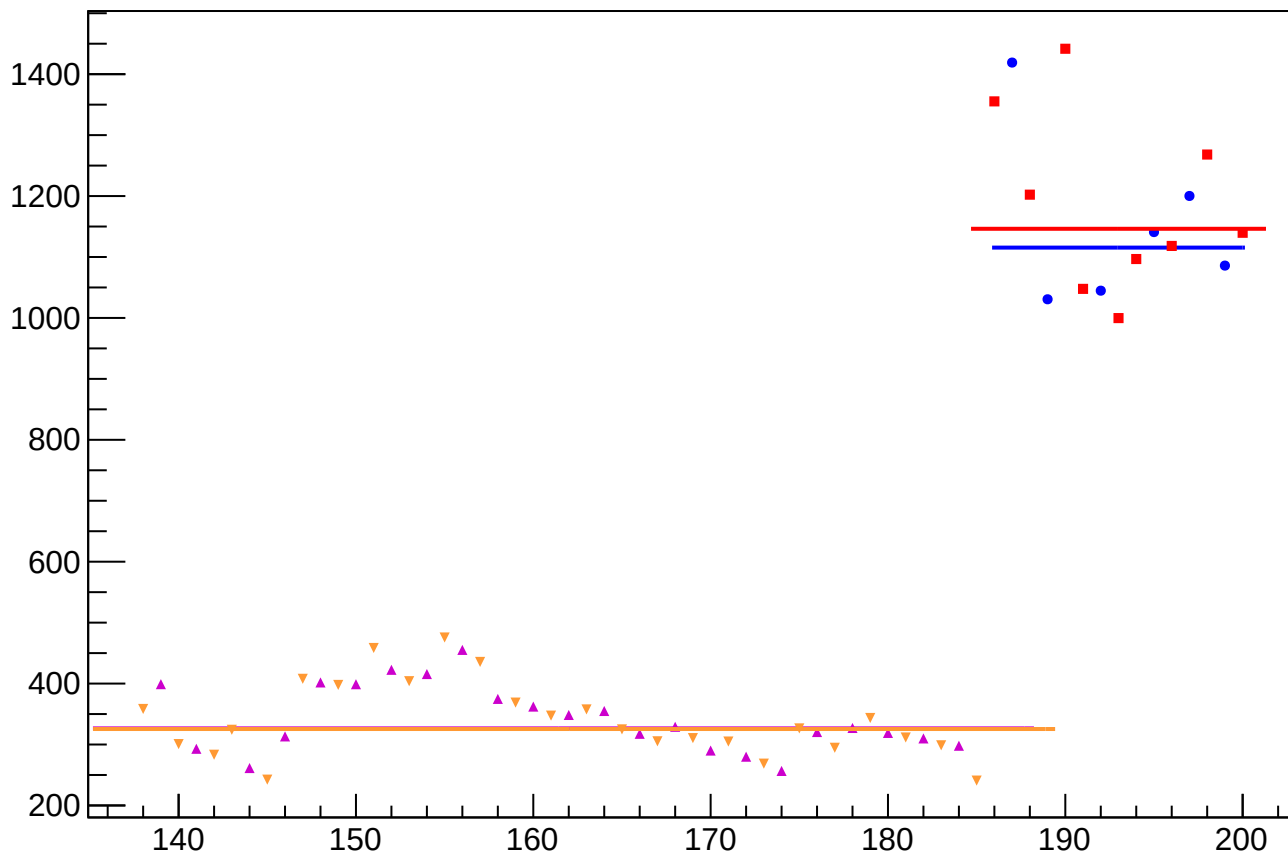
Left In: -41.244 ± 78.858 χ^2/NDF : 28.0/22

+ sign -320.393 ± 76.694 χ^2/NDF : 62.1/30

All: -194.385 ± 54.620 χ^2/NDF : 103.8/62

- sign -64.692 ± 77.807 χ^2/NDF : 36.2/31

asym_sam7_correction_rms vs Slug



Right In: 1115.419+/-0.422 χ^2/NDF : 33820.2/5

Left Out: 325.432+/-0.055 χ^2/NDF :1000974.7/24

Right Out: 1146.293+/-0.338 χ^2/NDF : 103898.2/8

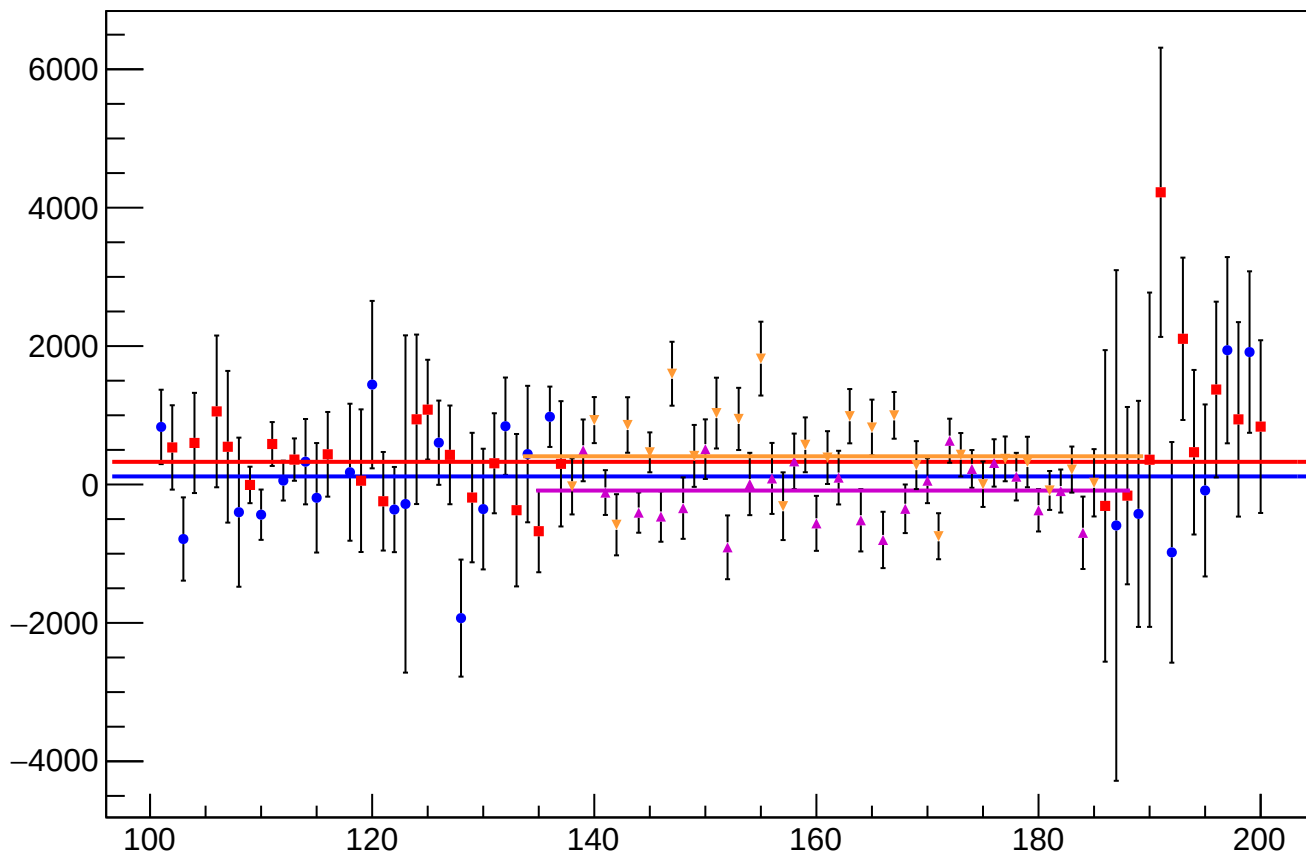
Left In: 326.516+/-0.056 χ^2/NDF :841153.2/22

+ sign 338.468+/-0.054 χ^2/NDF : 4478597.4/30

All: 343.272+/-0.039 χ^2/NDF : 11161252.5/62

- sign 348.218+/-0.055 χ^2/NDF : 6666726.1/31

asym_sam7_mean vs Slug



Right In: 116.512 ± 138.739 $\chi^2/\text{NDF}: 25.5/22$

Left Out: 407.375 ± 74.730 $\chi^2/\text{NDF}: 53.0/24$

Right Out: 327.365 ± 125.222 $\chi^2/\text{NDF}: 15.7/26$

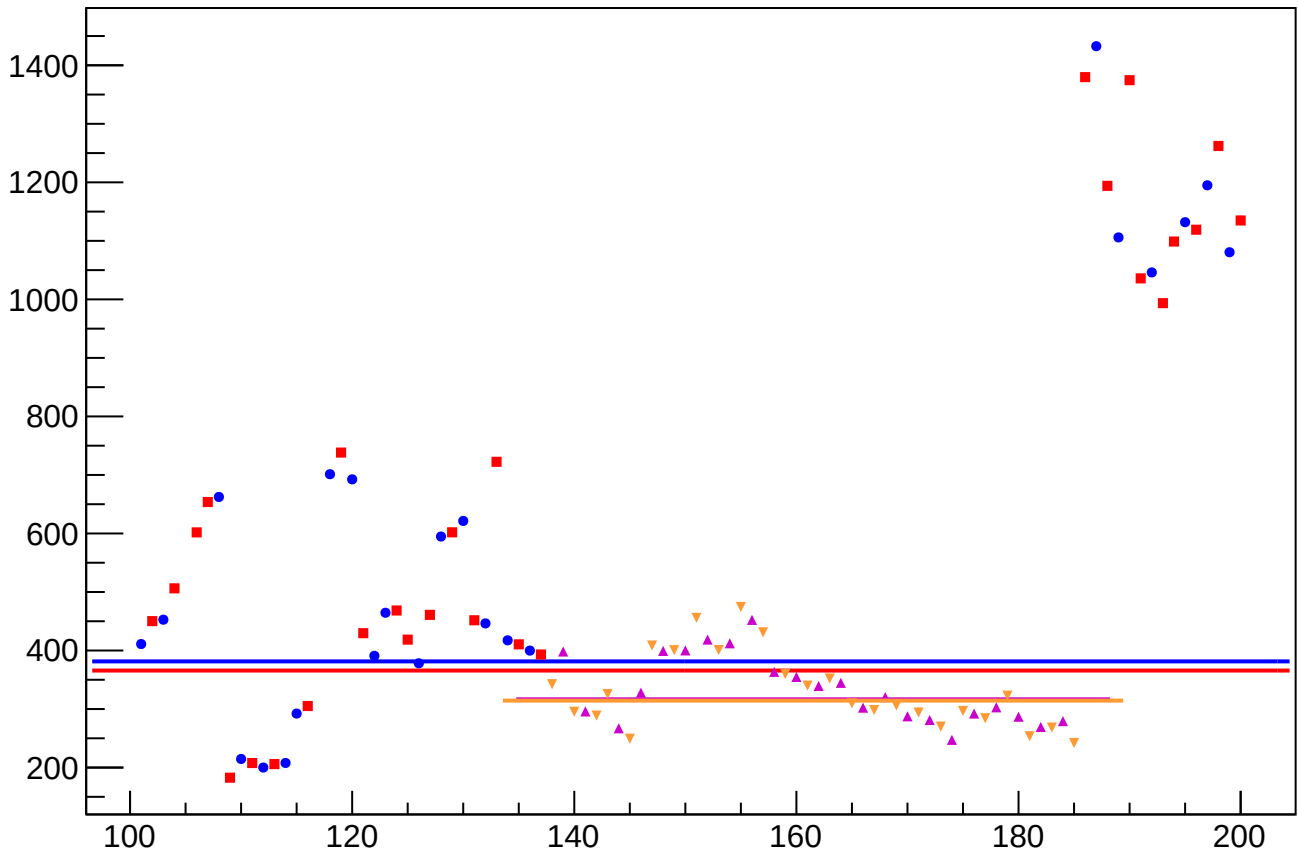
Left In: -87.657 ± 76.572 $\chi^2/\text{NDF}: 27.4/22$

+ sign 341.964 ± 65.793 $\chi^2/\text{NDF}: 81.9/47$

All: 182.500 ± 46.357 $\chi^2/\text{NDF}: 144.7/97$

- sign 25.292 ± 65.326 $\chi^2/\text{NDF}: 51.1/49$

asym_sam7_rms vs Slug



Right In: 381.419+/-0.098 χ^2/NDF : 5296196.7/22

Left Out: 314.405+/-0.053 χ^2/NDF : 1112244.9/24

Right Out: 365.772+/-0.089 χ^2/NDF : 8494042.8/26

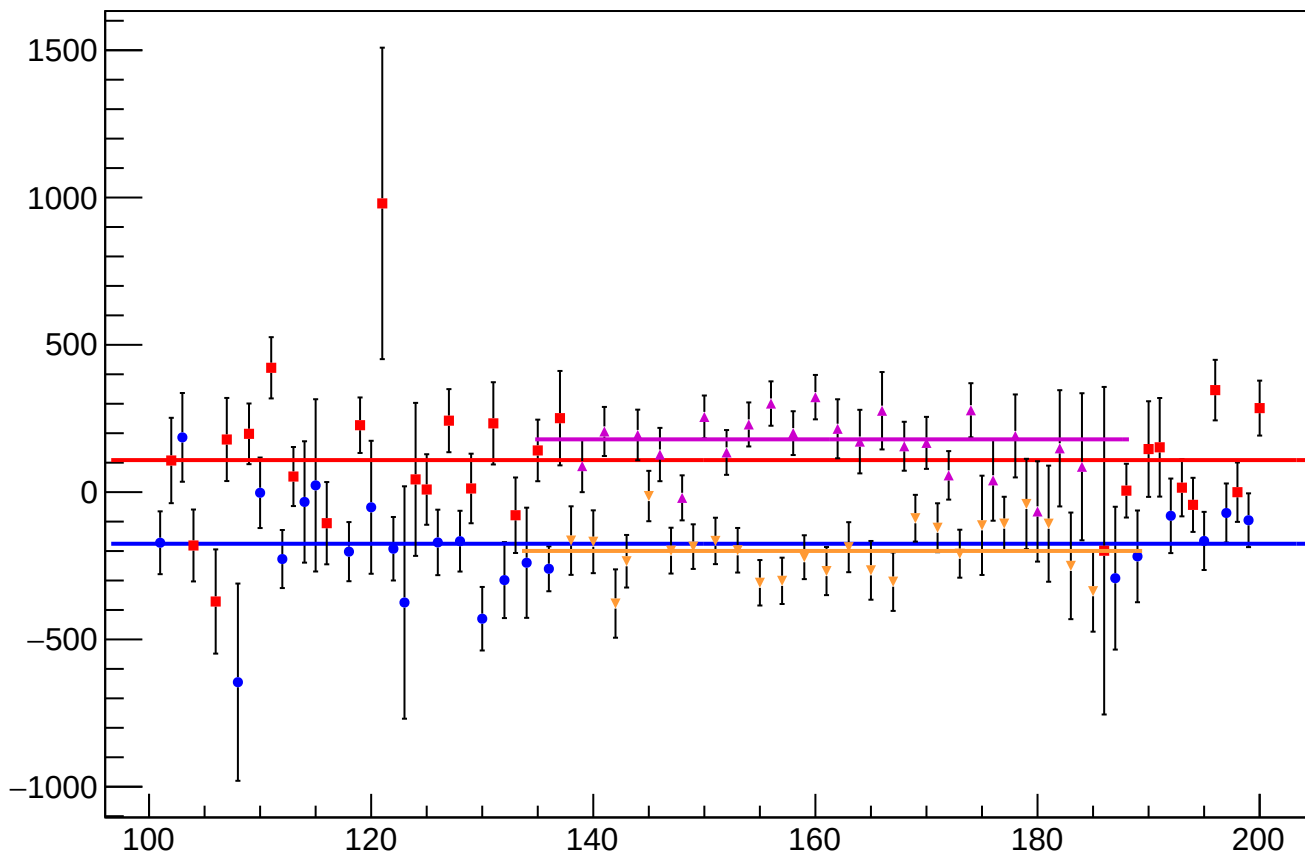
Left In: 316.616+/-0.054 χ^2/NDF : 929652.0/22

+ sign 329.475+/-0.047 χ^2/NDF : 6770126.0/47

All: 329.737+/-0.033 χ^2/NDF : 16418201.5/97

- sign 329.994+/-0.046 χ^2/NDF : 9648012.8/49

dit_asym_sam8_mean vs Slug



Right In: -175.222 ± 25.605 χ^2/NDF : 22.3/22

Left Out: -199.640 ± 18.452 χ^2/NDF : 20.2/24

Right Out: 108.753 ± 23.146 χ^2/NDF : 52.3/26

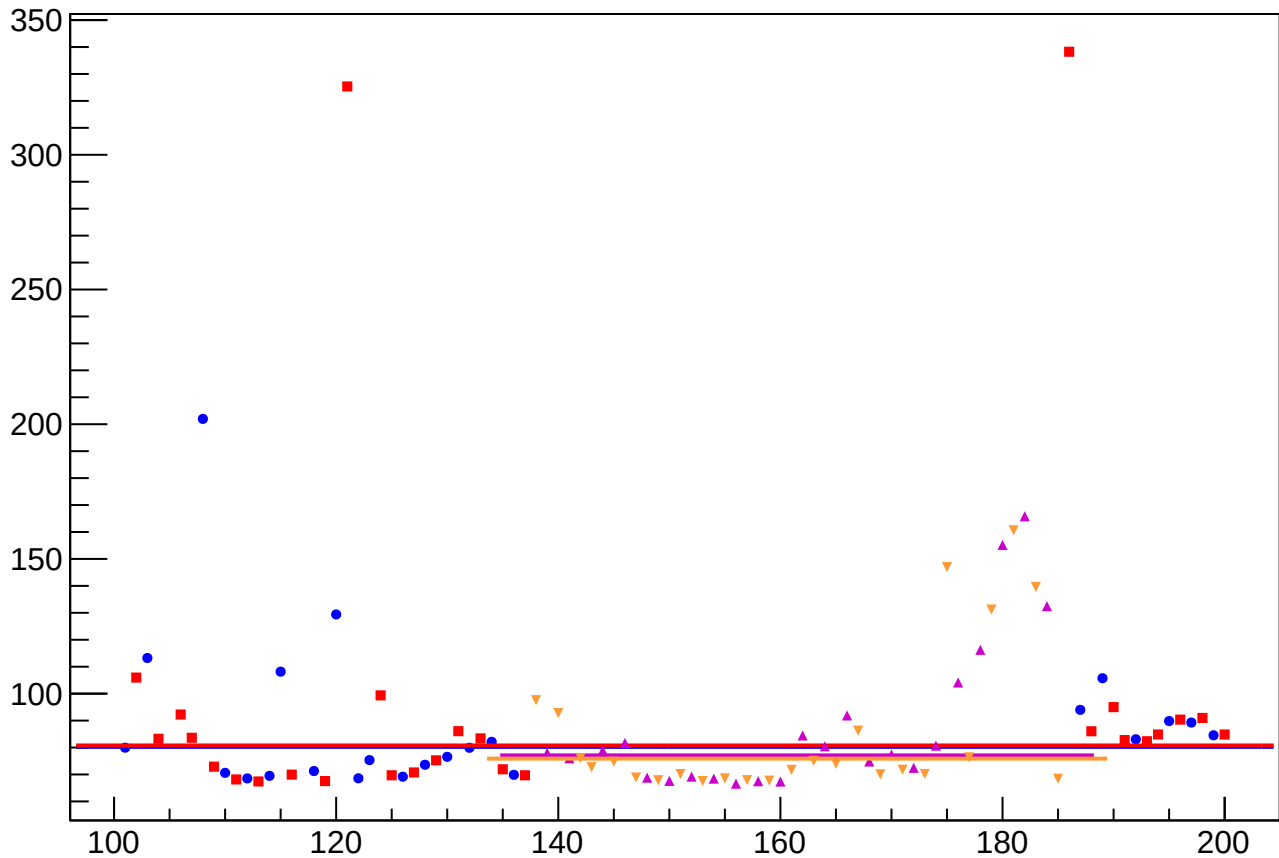
Left In: 179.154 ± 19.112 χ^2/NDF : 23.9/22

+ sign -191.294 ± 14.970 χ^2/NDF : 43.0/47

All: -17.664 ± 10.502 χ^2/NDF : 389.6/97

- sign 150.614 ± 14.737 χ^2/NDF : 81.7/49

dit_asym_sam8_rms vs Slug



Right In: 80.255 $\pm$ 0.018 χ^2 /NDF: 728177.5/22

Left Out: 75.883 $\pm$ 0.013 χ^2 /NDF:1552500.3/24

Right Out: 80.768 $\pm$ 0.016 χ^2 /NDF: 1201185.2/26

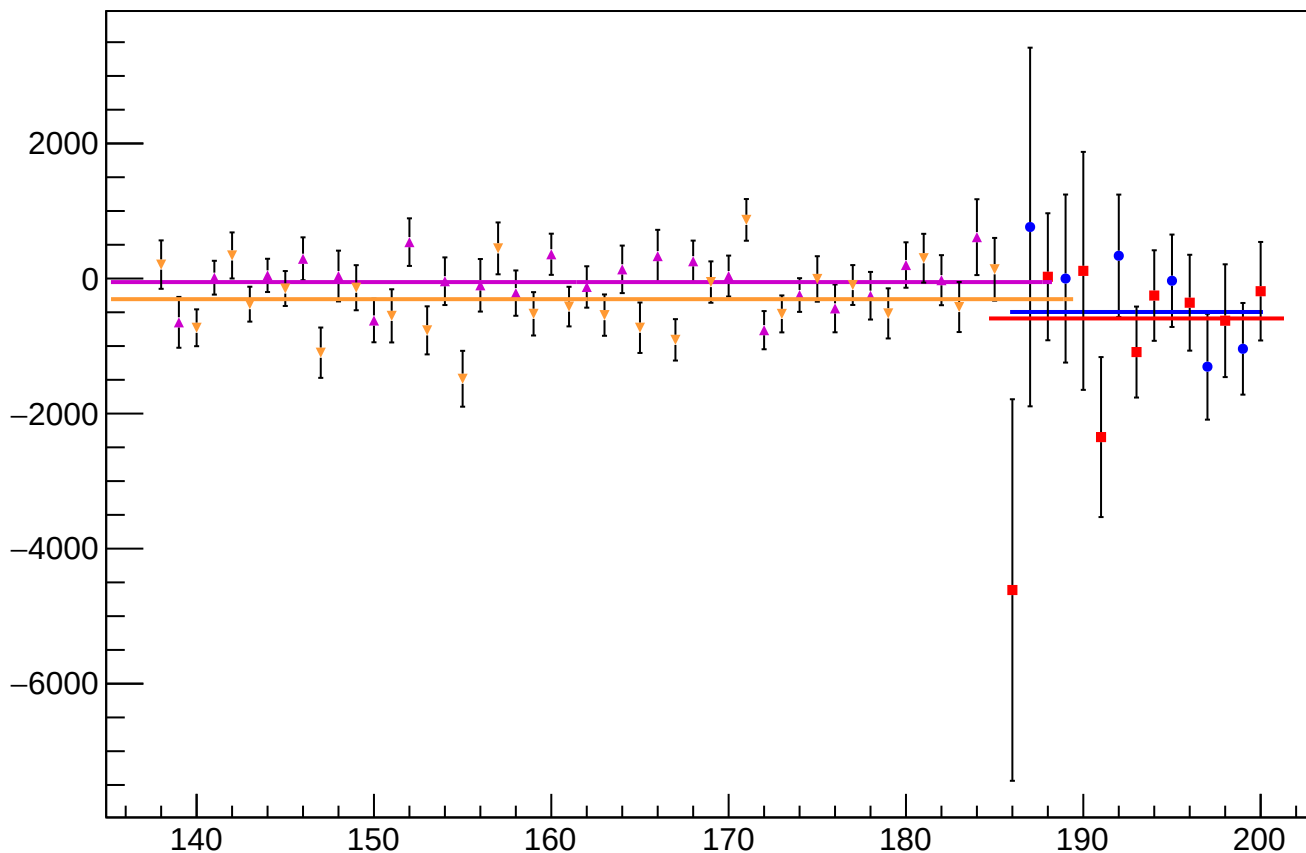
Left In: 77.080 $\pm$ 0.014 χ^2 /NDF:1422981.1/22

+ sign 77.378 $\pm$ 0.011 χ^2 /NDF: 2319056.7/47

All: 77.986 $\pm$ 0.007 χ^2 /NDF: 4979924.6/97

- sign 78.575 $\pm$ 0.010 χ^2 /NDF: 2654369.5/49

asym_sam8_correction_mean vs Slug



Right In: -495.614+/-354.923 χ^2/NDF : 3.4/5

Left Out: -305.659+/-65.327 χ^2/NDF : 54.9/24

Right Out: -591.307+/-288.481 χ^2/NDF : 6.0/8

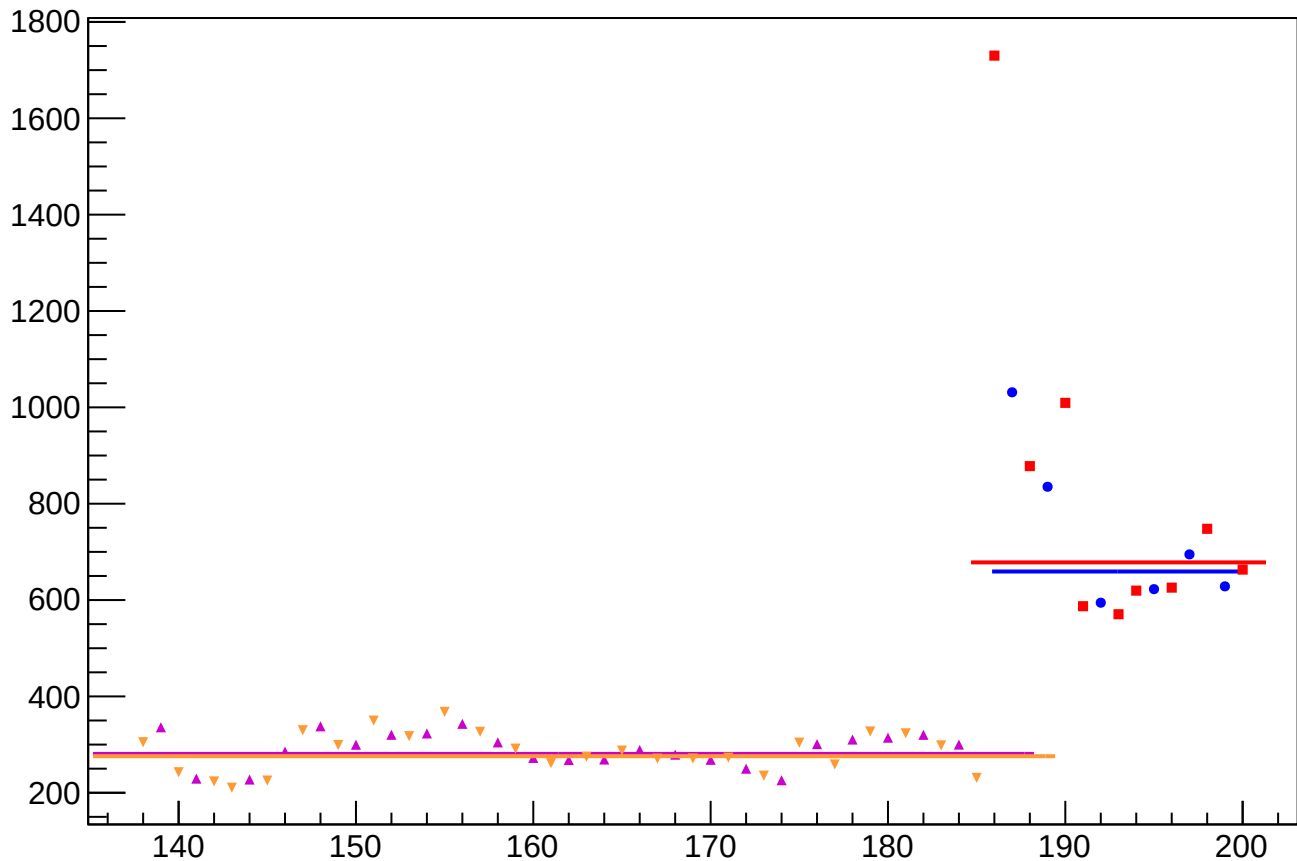
Left In: -52.759+/-67.539 χ^2/NDF : 24.9/22

+ sign -311.883+/-64.247 χ^2/NDF : 58.6/30

All: -199.004+/-45.956 χ^2/NDF : 99.1/62

- sign -80.744+/-65.761 χ^2/NDF : 34.2/31

asym_sam8_correction_rms vs Slug



Right In: 659.288+/-0.251 χ^2/NDF : 103375.0/5

Left Out: 275.901+/-0.046 χ^2/NDF : 753109.6/24

Right Out: 678.182+/-0.204 χ^2/NDF : 541972.7/8

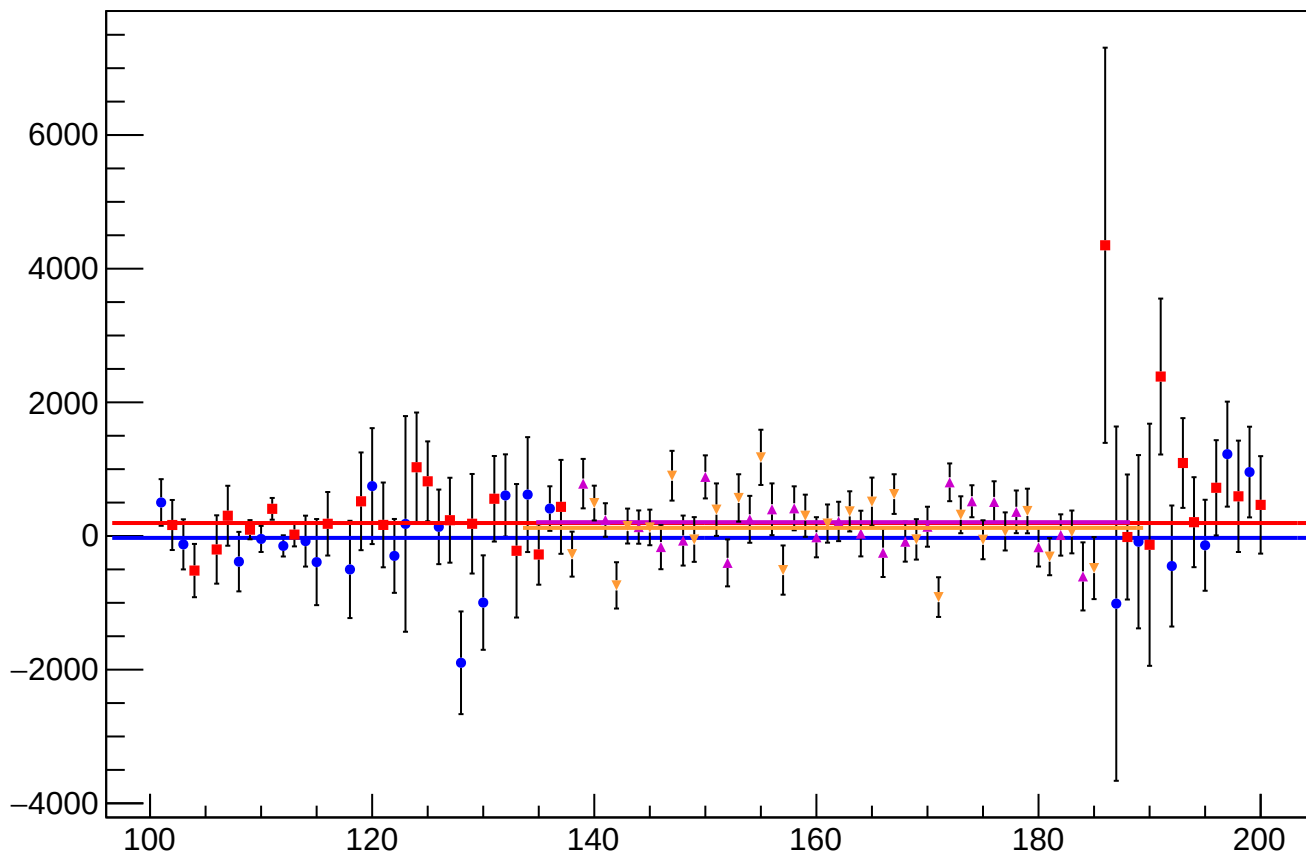
Left In: 280.628+/-0.048 χ^2/NDF : 587415.9/22

+ sign 288.464+/-0.045 χ^2/NDF : 3113679.9/30

All: 294.726+/-0.032 χ^2/NDF : 7882892.5/62

- sign 301.287+/-0.046 χ^2/NDF : 4730303.0/31

asym_sam8_mean vs Slug



Right In: -28.434 ± 87.573 χ^2/NDF : 21.7/22

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 194.228 ± 74.441 χ^2/NDF : 19.3/26

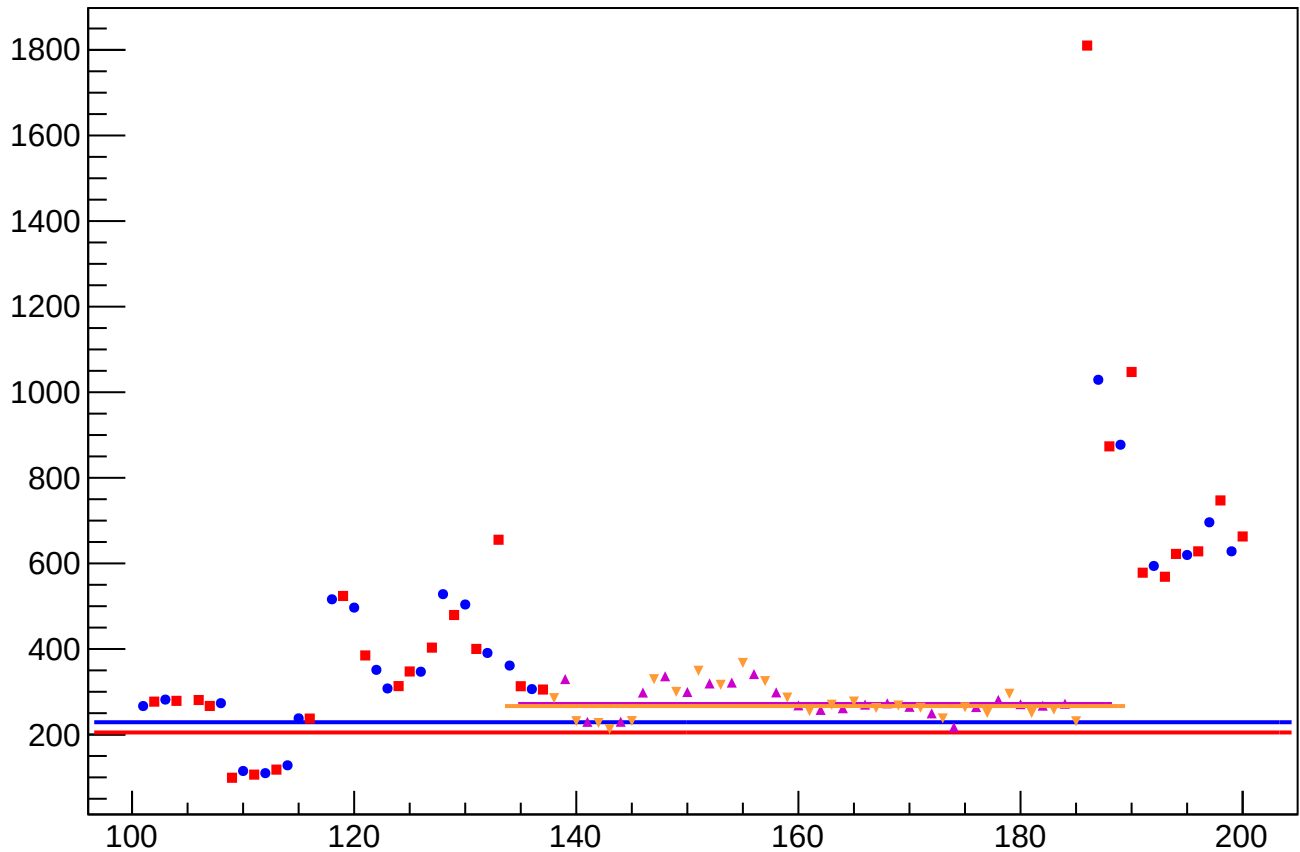
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 70.254 ± 51.093 χ^2/NDF : 72.6/47

All: 138.520 ± 35.390 χ^2/NDF : 123.2/97

- sign 201.478 ± 49.067 χ^2/NDF : 47.1/49

asym_sam8_rms vs Slug



Right In: 228.835+/-0.062 χ^2/NDF : 6694006.9/22

Left Out: 266.618+/-0.044 χ^2/NDF : 639230.8/24

Right Out: 204.924+/-0.053 χ^2/NDF : 10389412.1/26

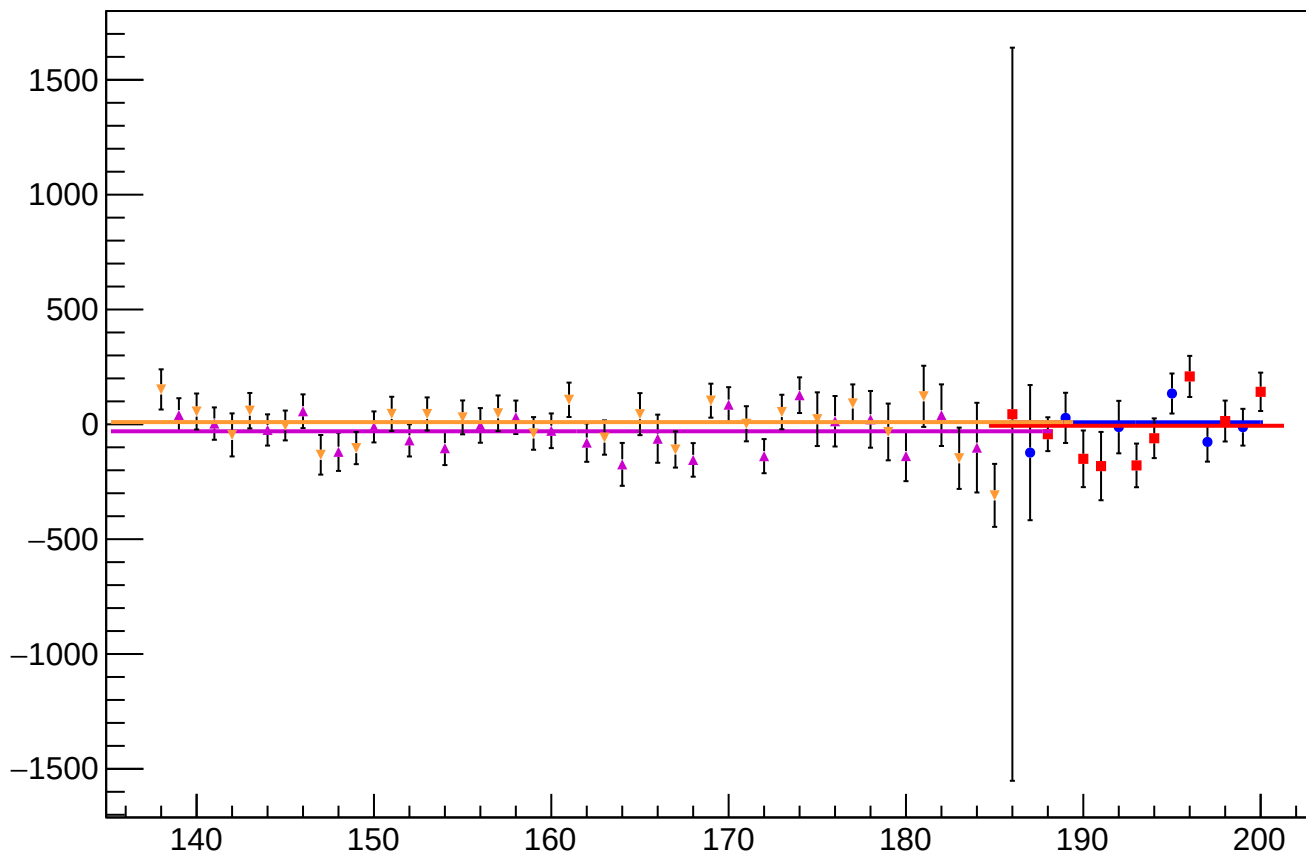
Left In: 271.451+/-0.046 χ^2/NDF : 530897.8/22

+ sign 253.756+/-0.036 χ^2/NDF : 7578800.9/47

All: 247.925+/-0.025 χ^2/NDF : 19452555.6/97

- sign 242.547+/-0.035 χ^2/NDF : 11823679.7/49

dit_asym_sam_15_avg_mean vs Slug



Right In: 8.915 ± 40.973 χ^2/NDF : 3.4/5

Left Out: 9.762 ± 16.463 χ^2/NDF : 25.9/24

Right Out: -6.171 ± 32.724 χ^2/NDF : 15.6/8

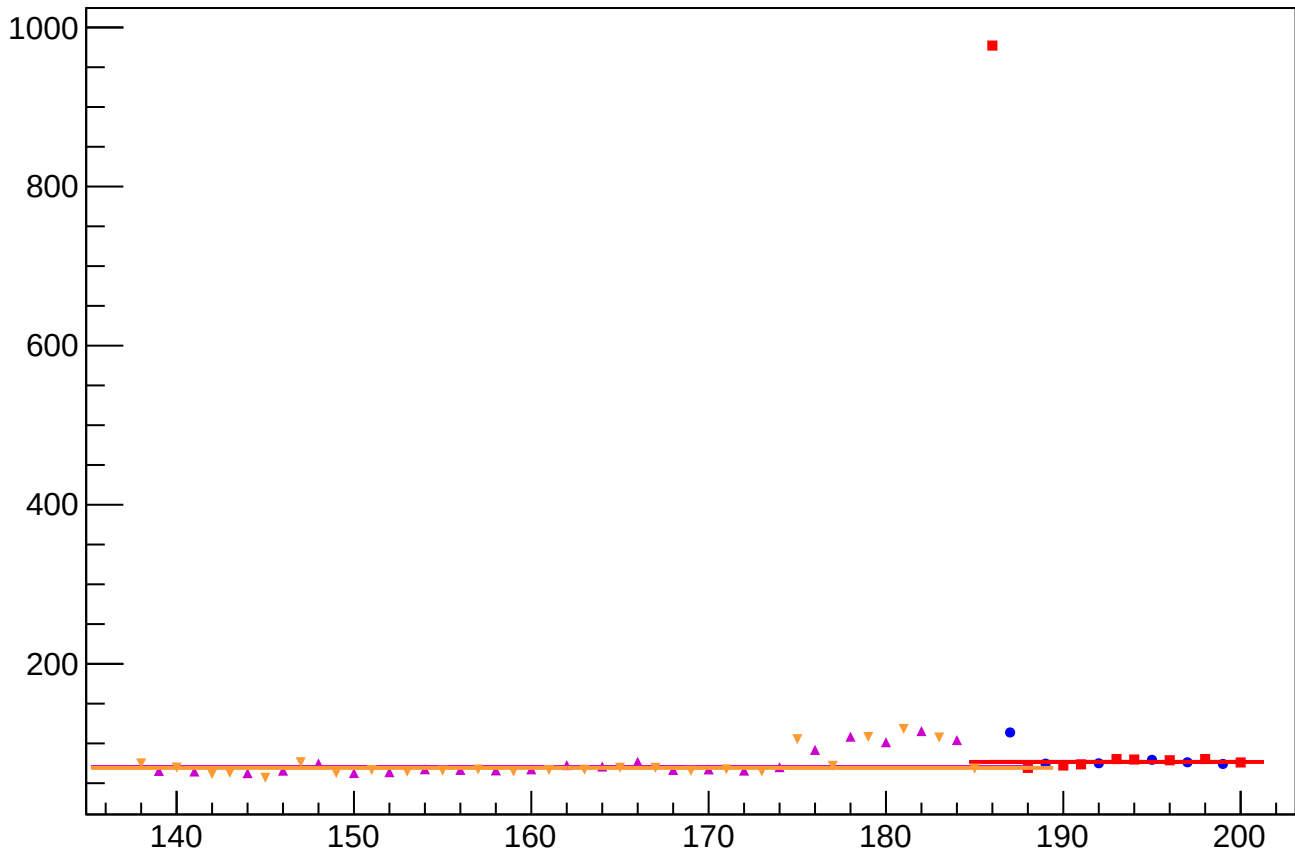
Left In: -30.236 ± 17.031 χ^2/NDF : 21.9/22

+ sign 9.644 ± 15.276 χ^2/NDF : 29.3/30

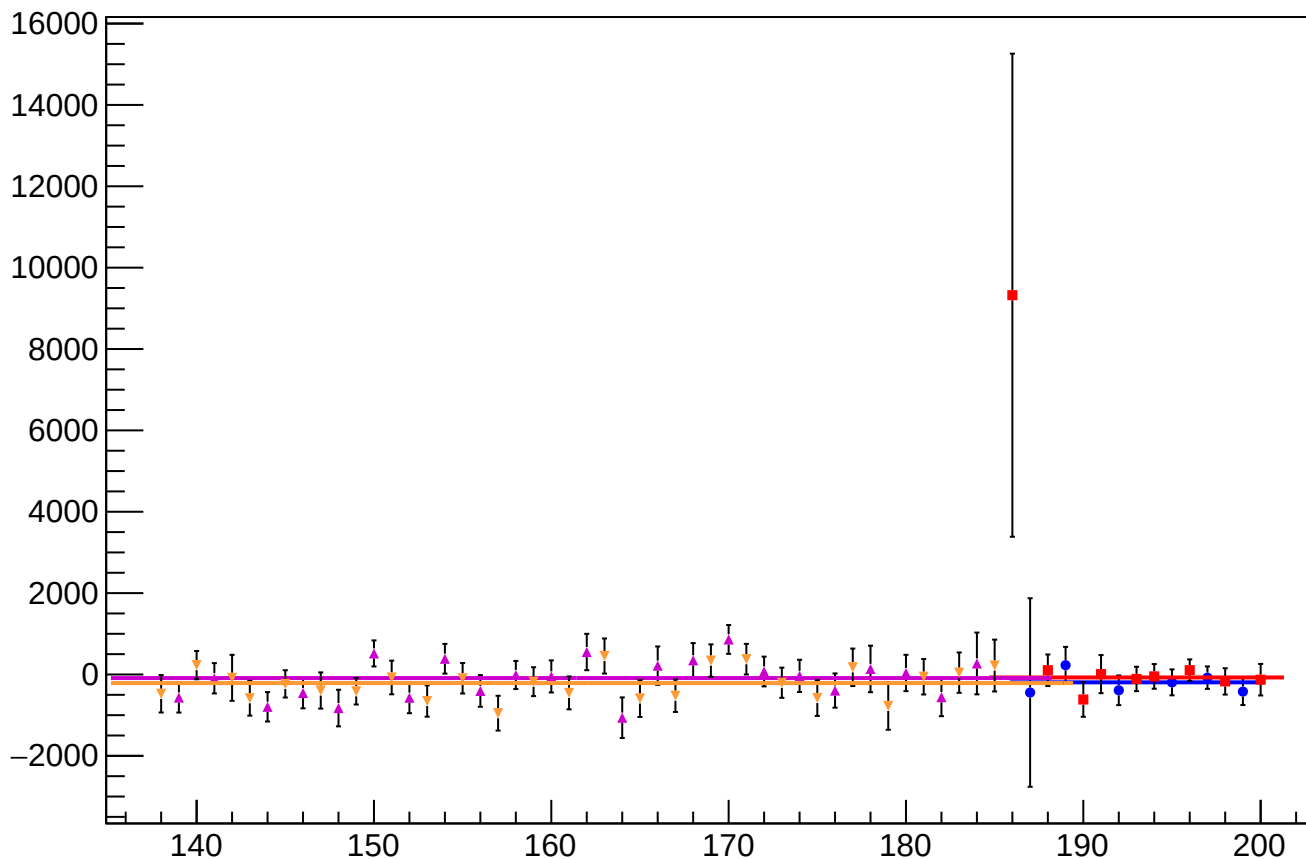
All: -7.925 ± 10.742 χ^2/NDF : 69.9/62

- sign -25.107 ± 15.107 χ^2/NDF : 37.9/31

dit_asym_sam_15_avg_rms vs Slug



asym_sam_15_avg_correction_mean vs Slug



Right In: -193.205+/-149.433 χ^2/NDF : 1.8/5

Left Out: -211.526+/-82.780 χ^2/NDF : 19.4/24

Right Out: -73.230+/-120.200 χ^2/NDF : 5.0/8

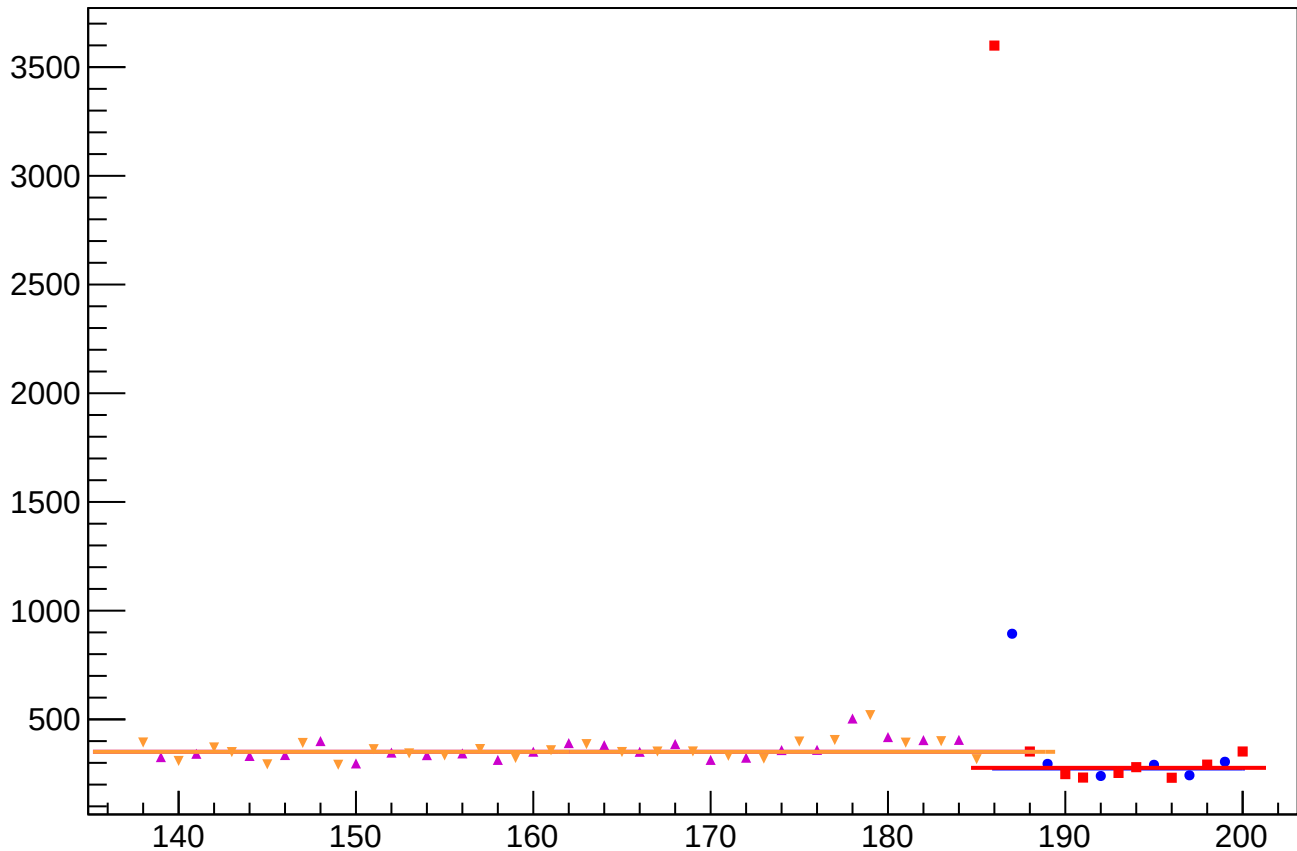
Left In: -88.062+/-84.309 χ^2/NDF : 33.5/22

+ sign -207.224+/-72.412 χ^2/NDF : 21.2/30

All: -142.227+/-49.962 χ^2/NDF : 61.2/62

- sign -83.171+/-69.023 χ^2/NDF : 38.4/31

asym_sam_15_avg_correction_rms vs Slug



Right In: 274.119+/-0.106 χ^2/NDF : 214433.7/5

Left Out: 350.780+/-0.059 χ^2/NDF : 506274.4/24

Right Out: 277.049+/-0.085 χ^2/NDF : 880261.3/8

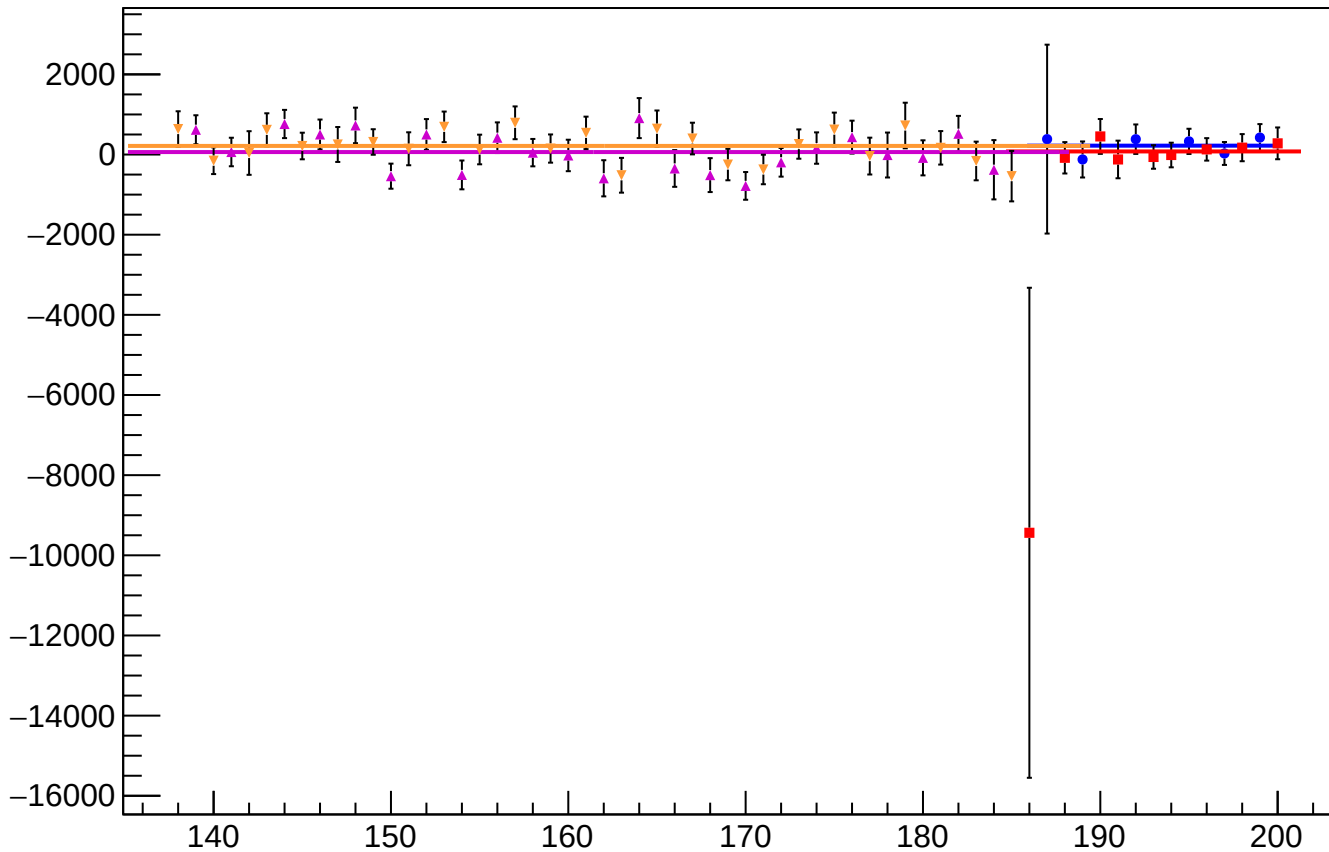
Left In: 350.944+/-0.060 χ^2/NDF : 424876.4/22

+ sign 332.779+/-0.051 χ^2/NDF : 1123481.3/30

All: 329.530+/-0.035 χ^2/NDF : 2942941.5/62

- sign 326.578+/-0.049 χ^2/NDF : 1811774.2/31

asym_sam_15_avg_mean vs Slug



Right In: 221.731 $\pm$ 151.166 χ^2 /NDF: 1.7/5

Left Out: 215.214 $\pm$ 81.235 χ^2 /NDF: 19.6/24

Right Out: 77.405 $\pm$ 122.733 χ^2 /NDF: 4.2/8

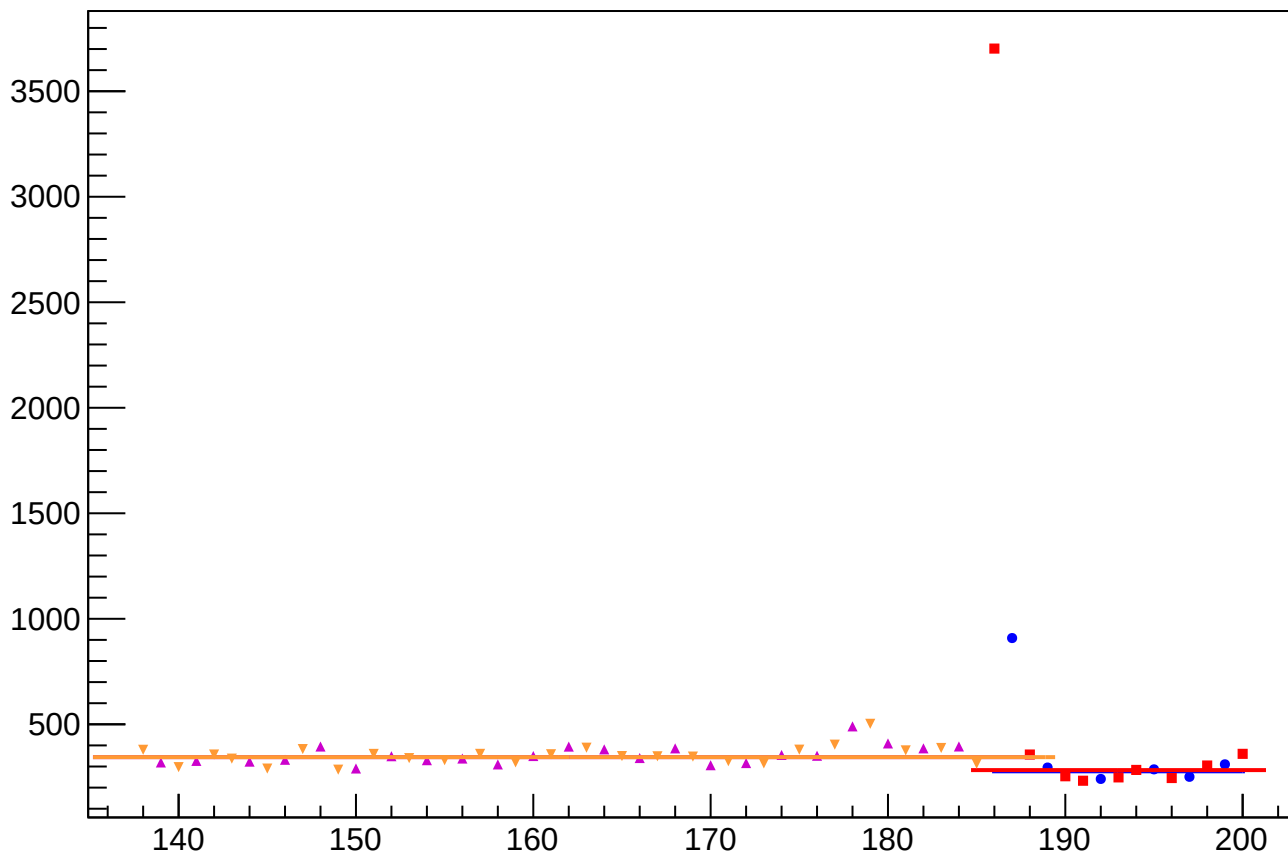
Left In: 61.730 $\pm$ 82.841 χ^2 /NDF: 34.9/22

+ sign 216.674 $\pm$ 71.557 χ^2 /NDF: 21.3/30

All: 138.561 $\pm$ 49.544 χ^2 /NDF: 62.7/62

- sign 66.636 $\pm$ 68.664 χ^2 /NDF: 39.1/31

asym_sam_15_avg_rms vs Slug



Right In: 277.327 ± 0.107 χ^2/NDF : 203919.7/5

Left Out: 344.439 ± 0.057 χ^2/NDF : 488381.9/24

Right Out: 282.989 ± 0.087 χ^2/NDF : 876116.2/8

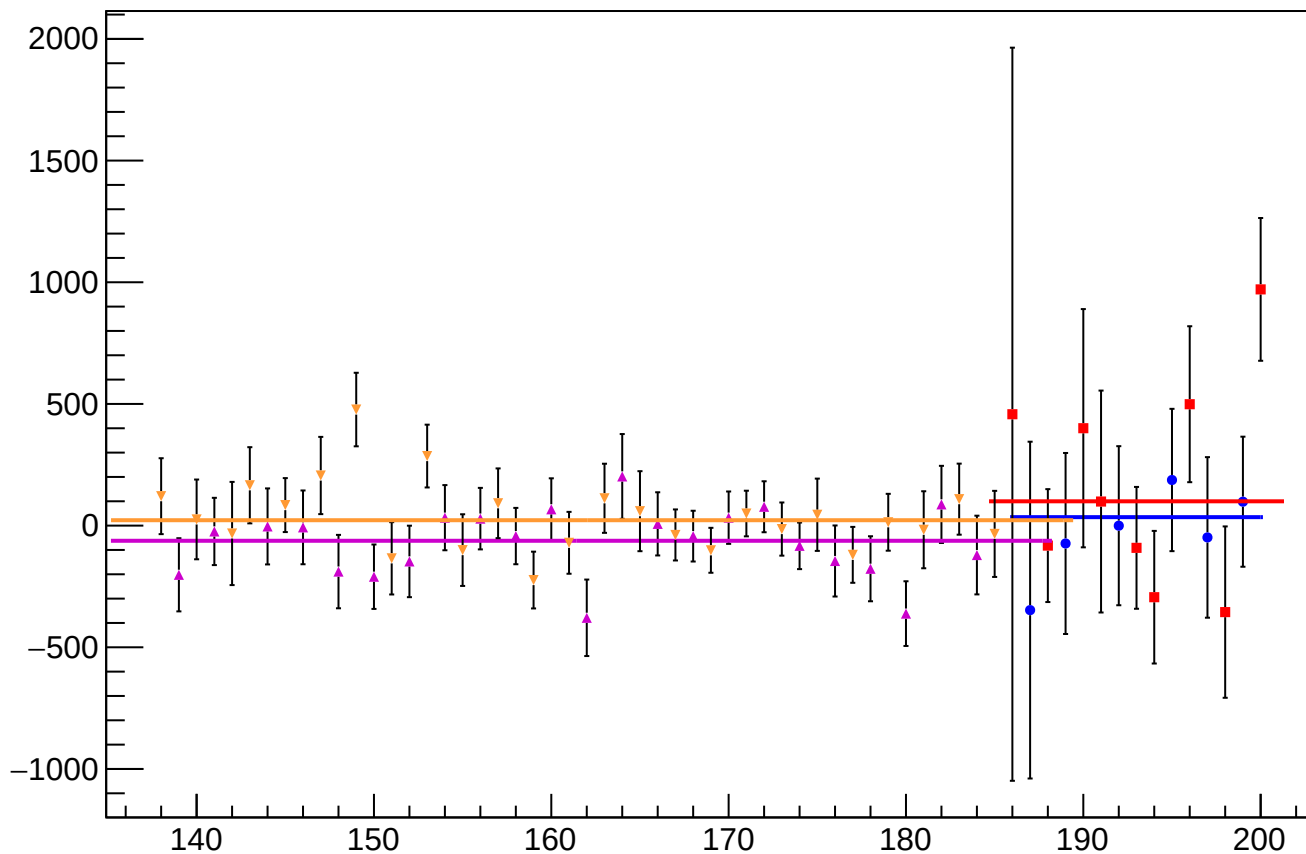
Left In: 344.475 ± 0.059 χ^2/NDF : 433401.7/22

+ sign 329.401 ± 0.051 χ^2/NDF : 998172.3/30

All: 327.230 ± 0.035 χ^2/NDF : 2656071.1/62

- sign 325.230 ± 0.049 χ^2/NDF : 1654361.7/31

dit_asym_sam_26_avg_mean vs Slug



Right In: 34.765 ± 136.635 χ^2/NDF : 0.8/5

Left Out: 22.164 ± 26.284 χ^2/NDF : 28.1/24

Right Out: 99.867 ± 107.298 χ^2/NDF : 15.8/8

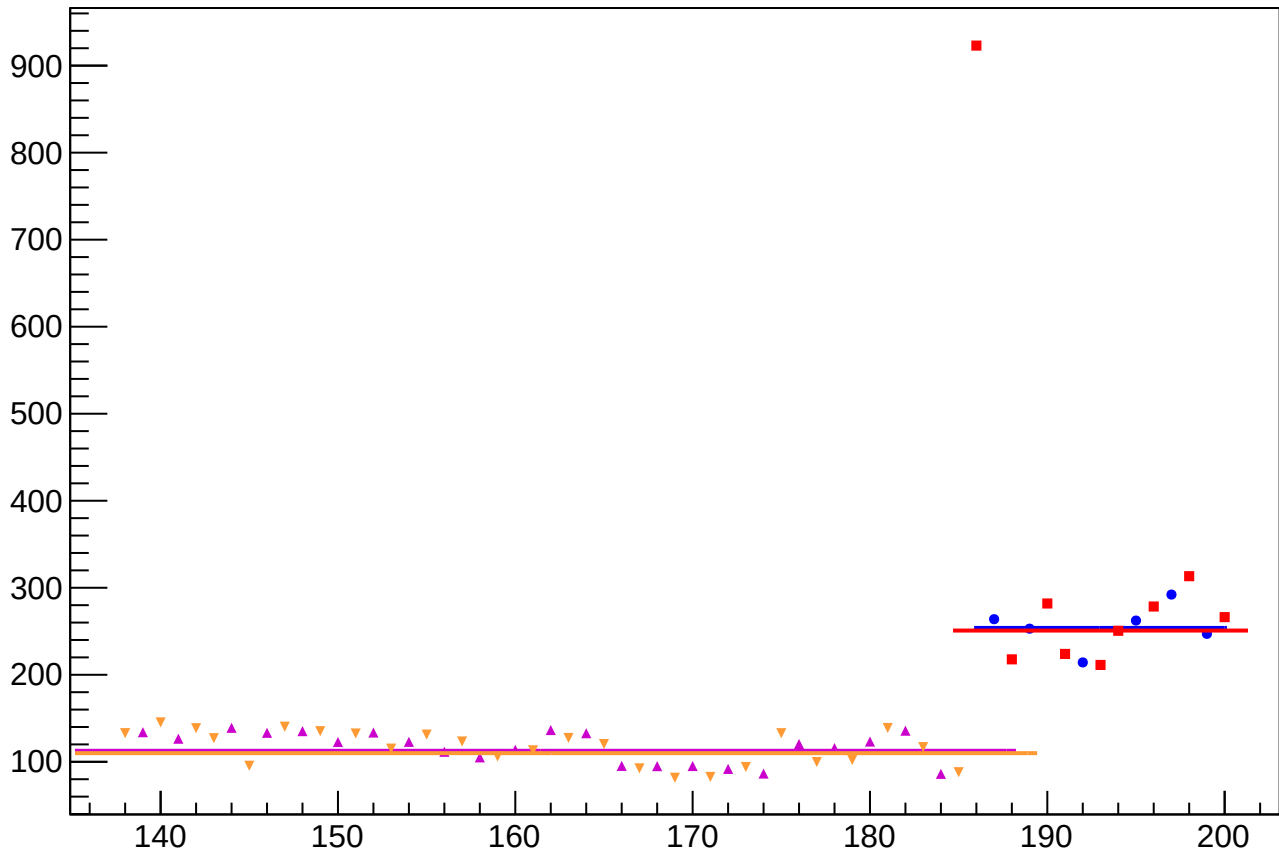
Left In: -62.310 ± 27.398 χ^2/NDF : 22.0/22

+ sign 22.614 ± 25.811 χ^2/NDF : 28.9/30

All: -13.831 ± 18.506 χ^2/NDF : 72.9/62

- sign -52.383 ± 26.547 χ^2/NDF : 39.9/31

dit_asym_sam_26_avg_rms vs Slug



Right In: 253.845 $\pm$ 0.097 χ^2 /NDF: 59823.9/5

Left Out: 109.953 $\pm$ 0.019 χ^2 /NDF: 1140626.9/24

Right Out: 250.832 $\pm$ 0.076 χ^2 /NDF: 587192.1/8

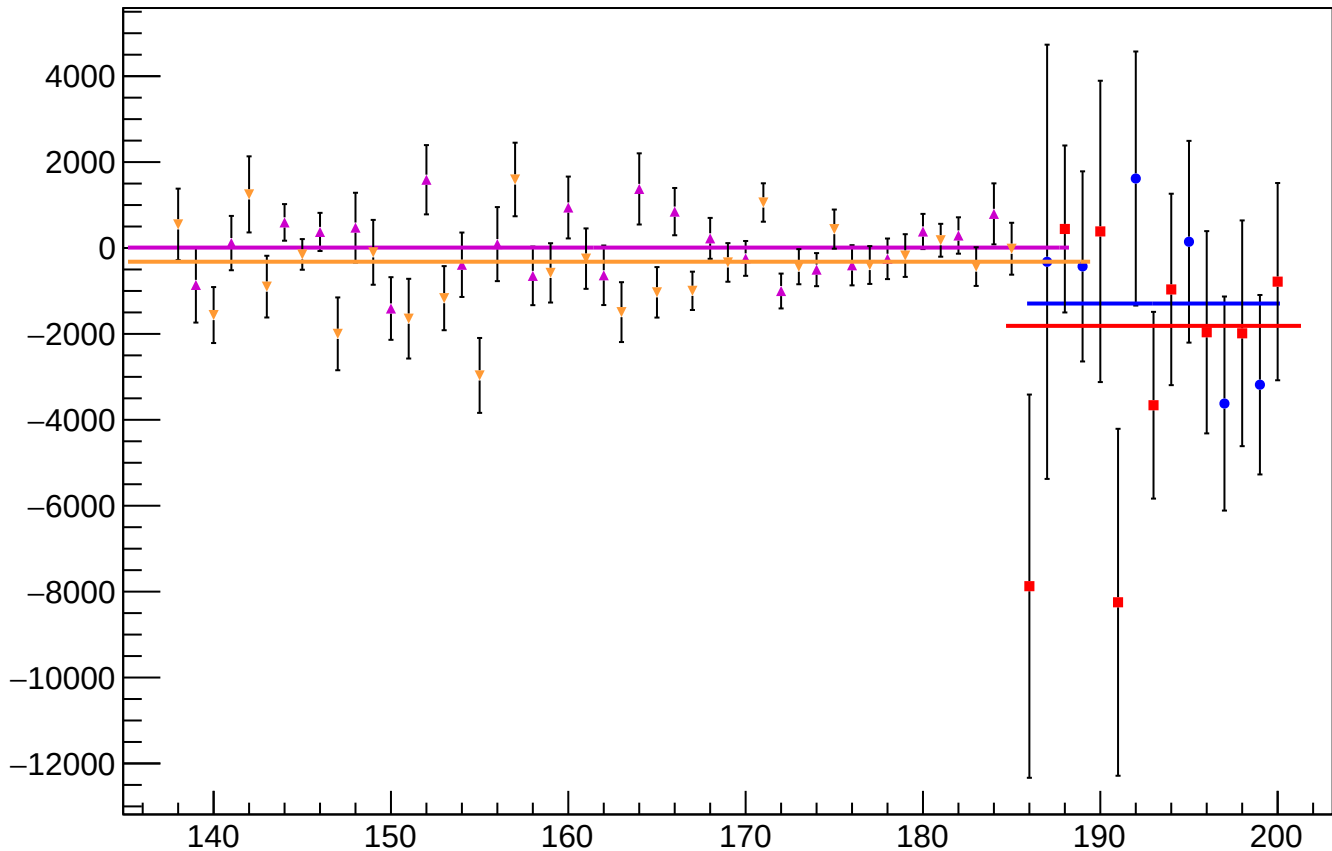
Left In: 112.657 $\pm$ 0.019 χ^2 /NDF: 835831.1/22

+ sign 115.087 $\pm$ 0.018 χ^2 /NDF: 3339385.0/30

All: 118.016 $\pm$ 0.013 χ^2 /NDF: 7929088.3/62

- sign 121.115 $\pm$ 0.019 χ^2 /NDF: 4536699.0/31

asym_sam_26_avg_correction_mean vs Slug



Right In: -1292.832 ± 1037.433 χ^2/NDF : 3.2/5

Left Out: -319.391 ± 110.306 χ^2/NDF : 51.5/24

Right Out: -1812.944 ± 849.553 χ^2/NDF : 7.2/8

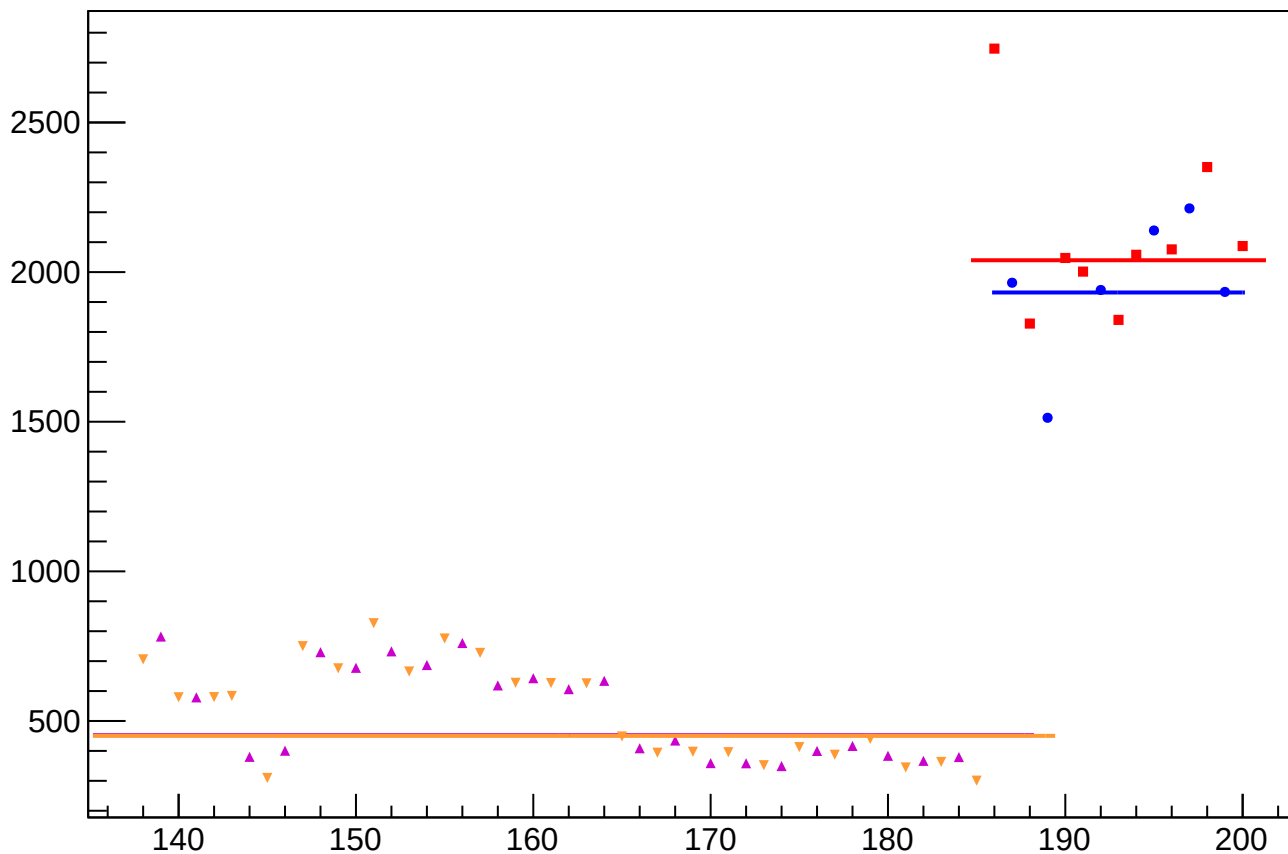
Left In: 9.462 ± 112.340 χ^2/NDF : 32.5/22

+ sign -330.273 ± 109.687 χ^2/NDF : 55.6/30

All: -178.414 ± 78.149 χ^2/NDF : 103.7/62

- sign -21.857 ± 111.371 χ^2/NDF : 44.2/31

asym_sam_26_avg_correction_rms vs Slug



Right In: 1931.889 $\pm$ 0.734 χ^2 /NDF: 112671.1/5

Left Out: 450.363 $\pm$ 0.078 χ^2 /NDF: 3096435.8/24

Right Out: 2039.605 $\pm$ 0.601 χ^2 /NDF: 120534.6/8

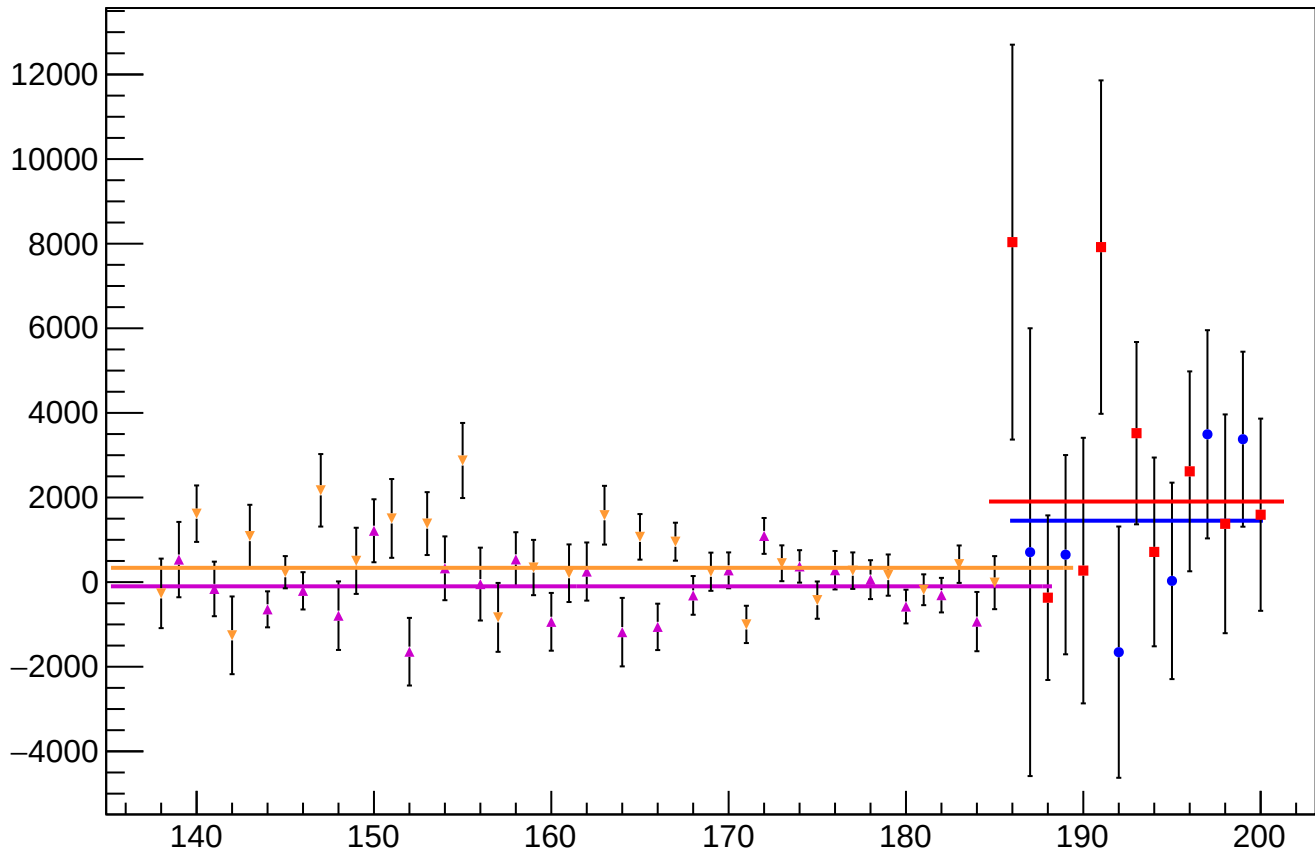
Left In: 452.694 $\pm$ 0.079 χ^2 /NDF: 2586032.2/22

+ sign 466.925 $\pm$ 0.078 χ^2 /NDF: 7242277.2/30

All: 473.346 $\pm$ 0.055 χ^2 /NDF: 16821201.4/62

- sign 479.966 $\pm$ 0.079 χ^2 /NDF: 9565003.5/31

asym_sam_26_avg_mean vs Slug



Right In: 1451.858 ± 1046.164 $\chi^2/\text{NDF}: 3.2/5$

Left Out: 337.948 ± 109.831 $\chi^2/\text{NDF}: 48.6/24$

Right Out: 1904.909 ± 840.752 $\chi^2/\text{NDF}: 6.7/8$

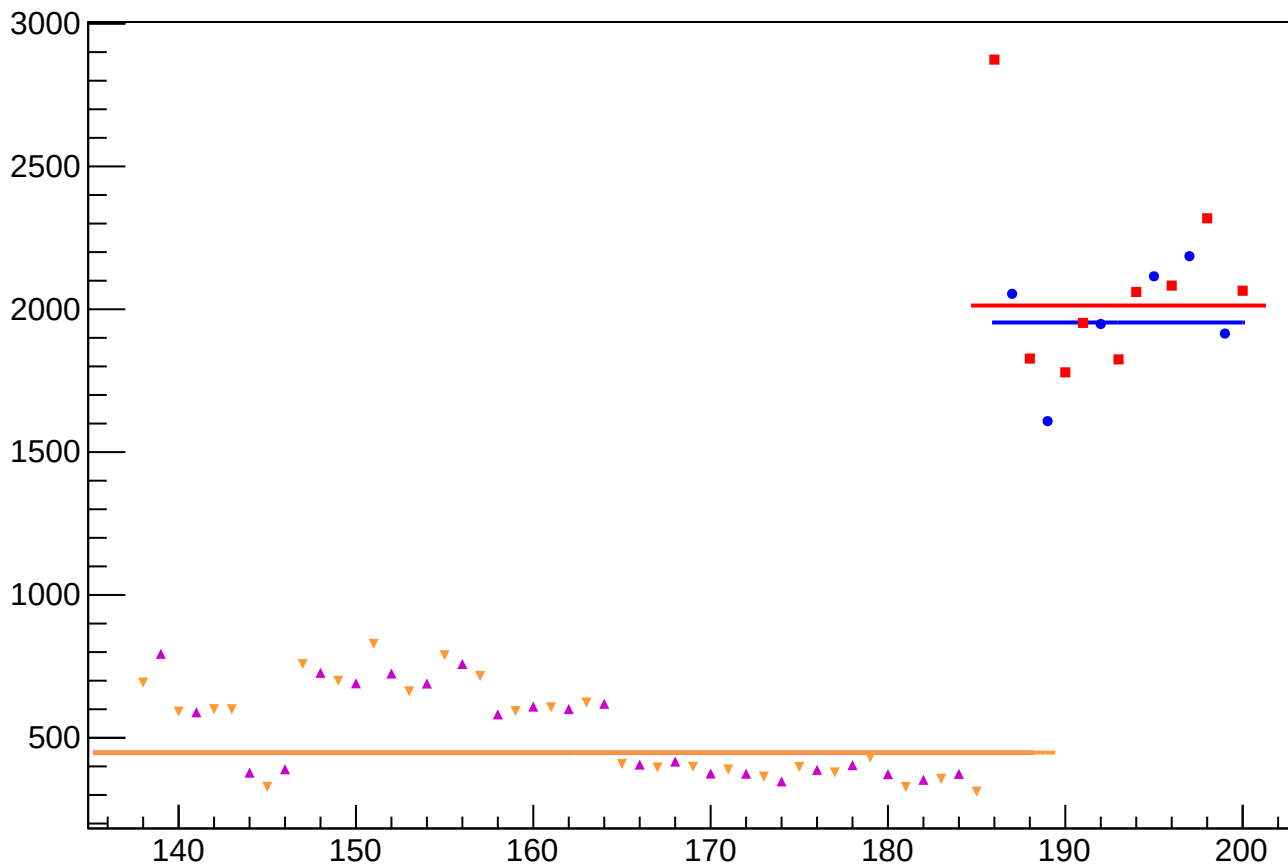
Left In: -99.475 ± 111.475 $\chi^2/\text{NDF}: 32.1/22$

+ sign 350.091 ± 109.230 $\chi^2/\text{NDF}: 52.8/30$

All: 145.034 ± 77.685 $\chi^2/\text{NDF}: 104.3/62$

- sign -64.847 ± 110.508 $\chi^2/\text{NDF}: 44.3/31$

asym_sam_26_avg_rms vs Slug



Right In: 1953.728+/-0.740 χ^2/NDF : 71902.6/5

Left Out: 448.397+/-0.078 χ^2/NDF : 3077183.0/24

Right Out: 2013.057+/-0.595 χ^2/NDF : 144680.8/8

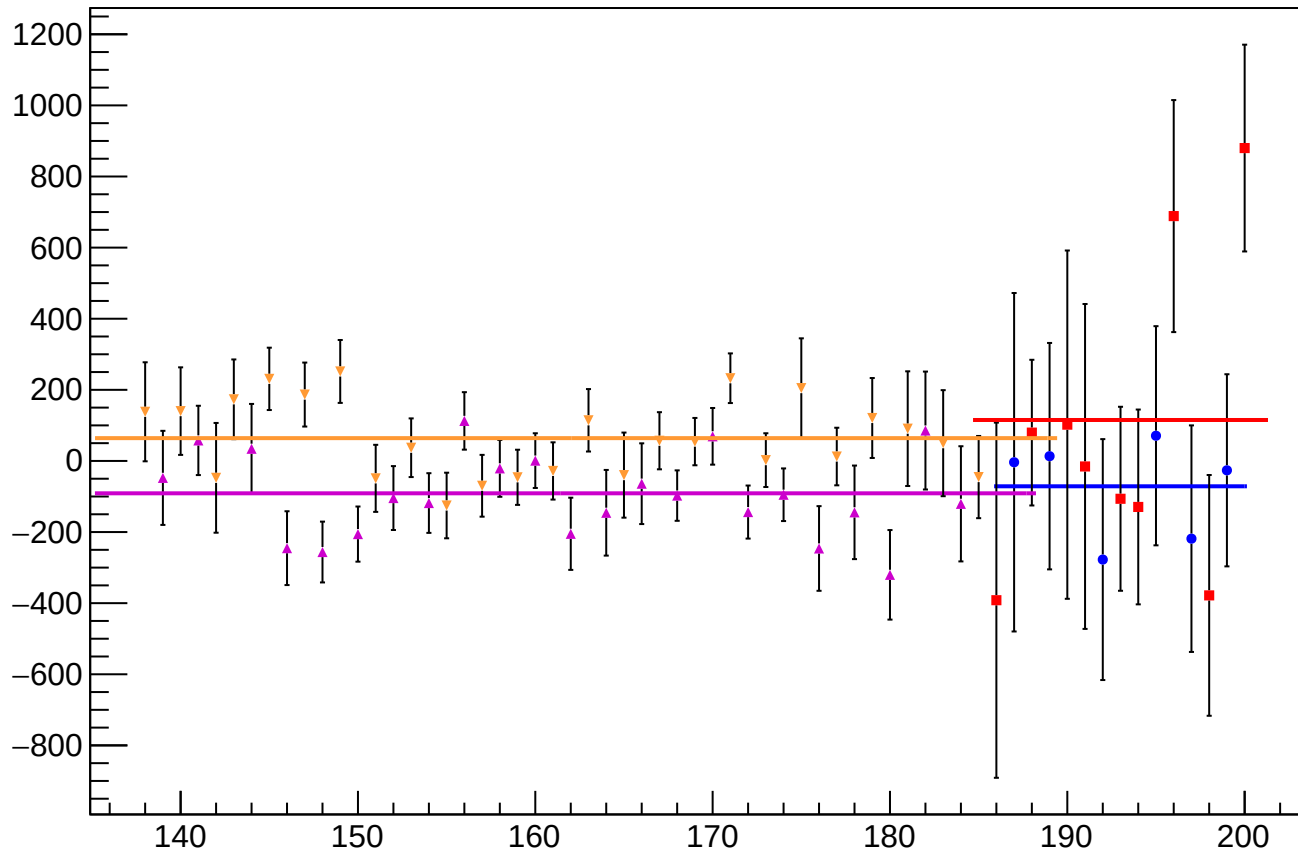
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 464.807+/-0.077 χ^2/NDF : 7244845.5/30

All: 469.979+/-0.055 χ^2/NDF : 16770583.3/62

- sign 475.273+/-0.078 χ^2/NDF : 9516664.6/31

dit_asym_sam_37_avg_mean vs Slug



Right In: -71.303 ± 132.375 χ^2/NDF : 0.9/5

Left Out: 64.142 ± 18.728 χ^2/NDF : 33.8/24

Right Out: 115.181 ± 102.600 χ^2/NDF : 14.8/8

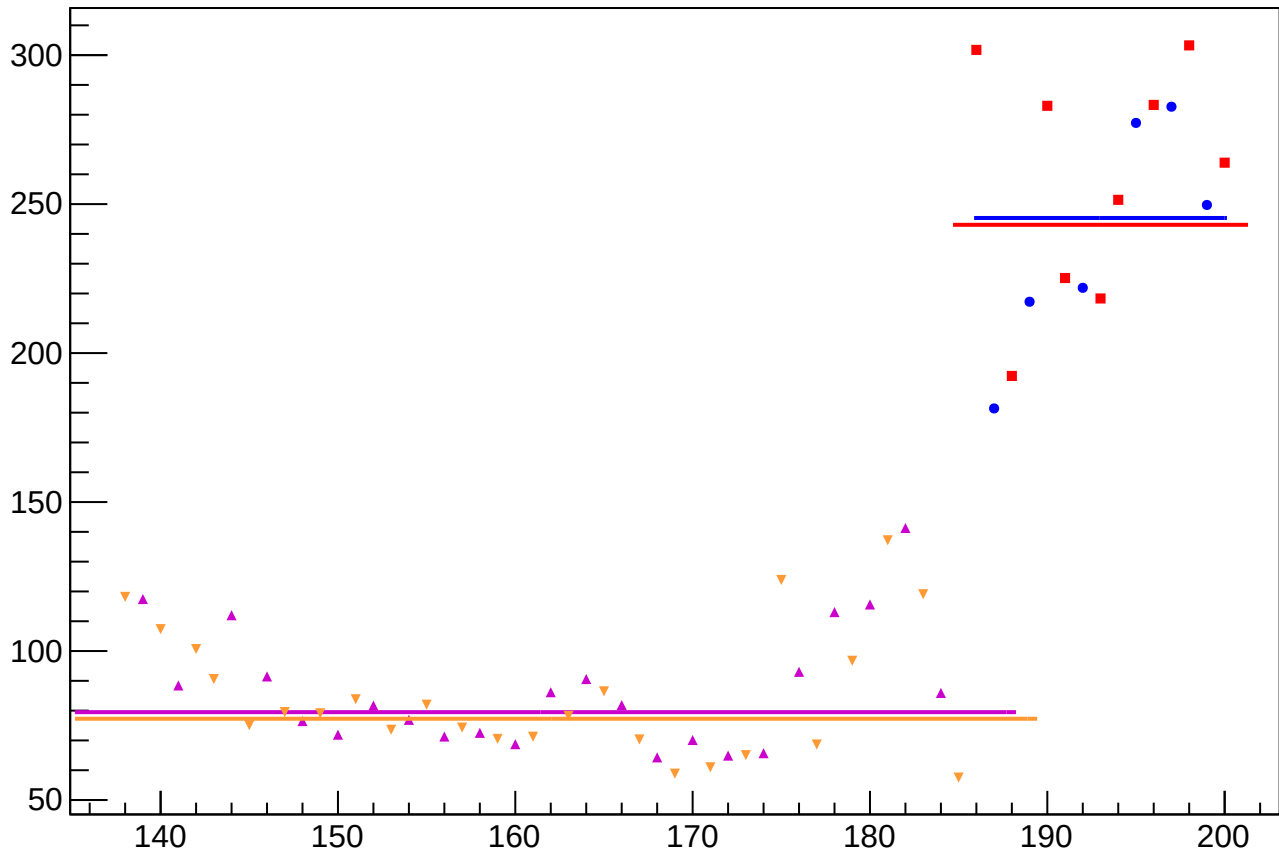
Left In: -91.028 ± 19.637 χ^2/NDF : 32.6/22

+ sign 61.484 ± 18.543 χ^2/NDF : 35.7/30

All: -8.273 ± 13.367 χ^2/NDF : 116.5/62

- sign -83.741 ± 19.287 χ^2/NDF : 51.3/31

dit_asym_sam_37_avg_rms vs Slug



Right In: 245.346 $\pm$ 0.094 χ^2 /NDF: 110685.9/5

Left Out: 77.280 $\pm$ 0.013 χ^2 /NDF:1553410.1/24

Right Out: 243.051 $\pm$ 0.073 χ^2 /NDF: 290671.8/8

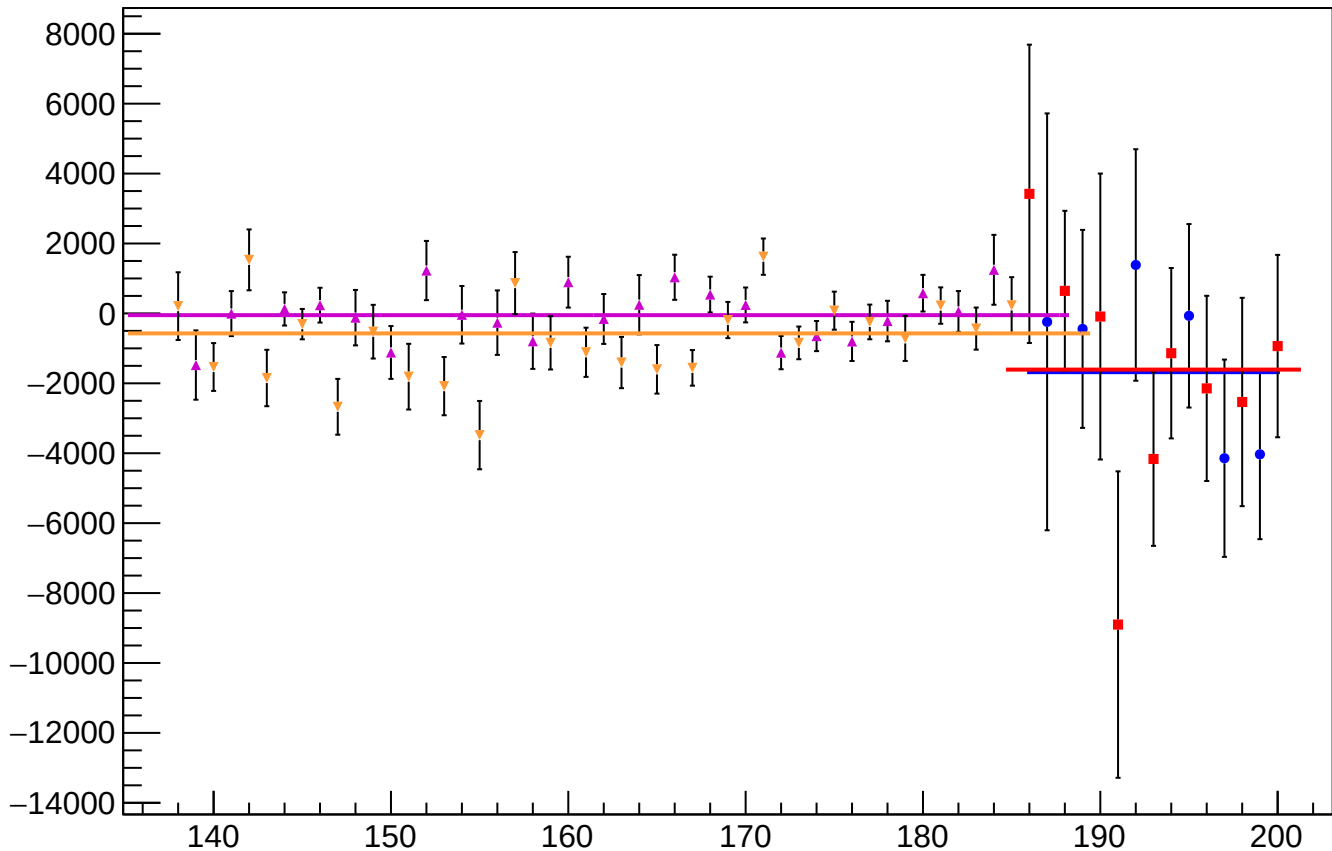
Left In: 79.491 $\pm$ 0.014 χ^2 /NDF:1333774.9/22

+ sign 80.577 $\pm$ 0.013 χ^2 /NDF: 4824713.0/30

All: 82.832 $\pm$ 0.009 χ^2 /NDF: 11413742.1/62

- sign 85.271 $\pm$ 0.014 χ^2 /NDF: 6527470.3/31

asym_sam_37_avg_correction_mean vs Slug



Right In: -1680.365 ± 1208.712 χ^2/NDF : 3.2/5

Left Out: -571.669 ± 128.158 χ^2/NDF : 66.8/24

Right Out: -1607.488 ± 957.910 χ^2/NDF : 6.6/8

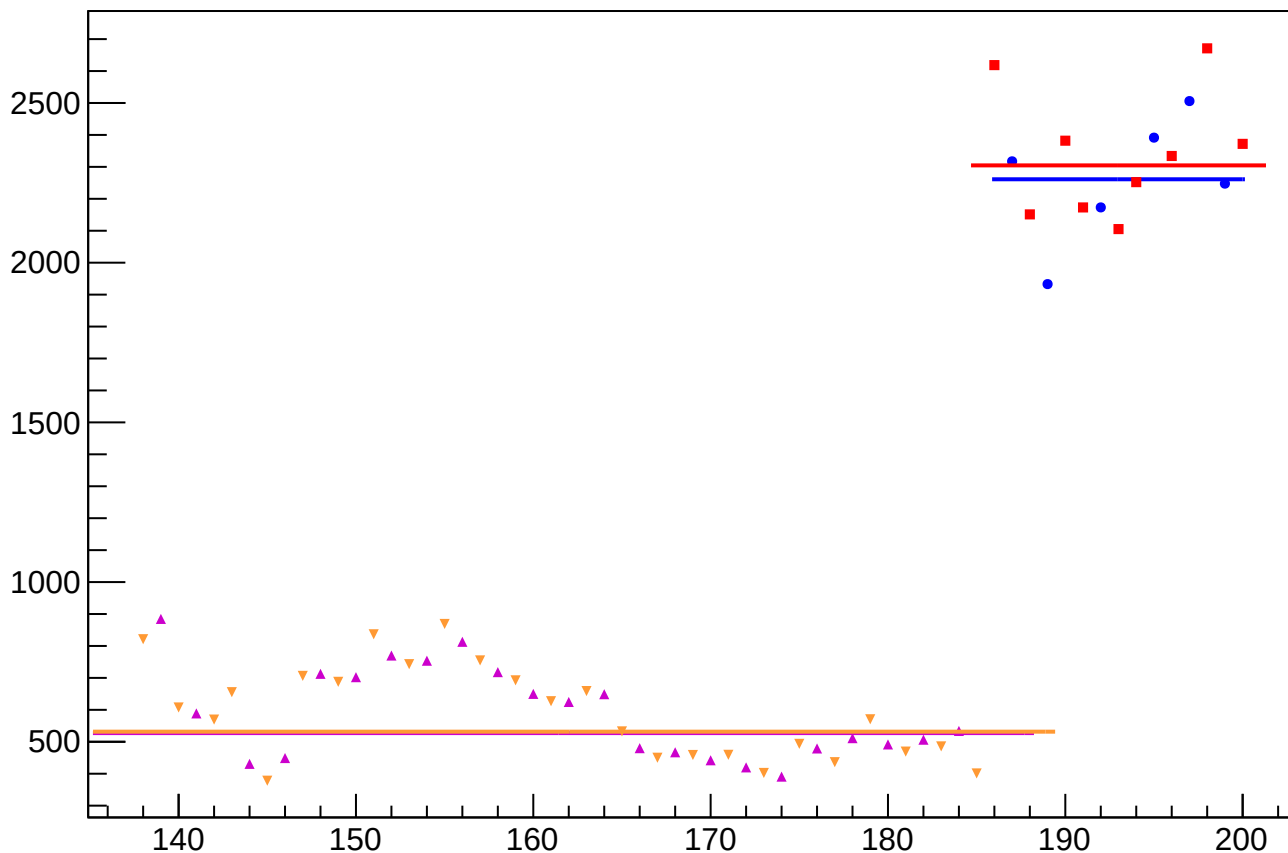
Left In: -50.077 ± 129.187 χ^2/NDF : 26.1/22

+ sign -583.994 ± 127.443 χ^2/NDF : 70.8/30

All: -332.103 ± 90.322 χ^2/NDF : 113.9/62

- sign -77.897 ± 128.028 χ^2/NDF : 35.3/31

asym_sam_37_avg_correction_rms vs Slug



Right In: 2261.138 $\pm$ 0.855 χ^2 /NDF: 48495.3/5

Left Out: 531.643 $\pm$ 0.091 χ^2 /NDF: 2038304.3/24

Right Out: 2304.637 $\pm$ 0.677 χ^2 /NDF: 67951.9/8

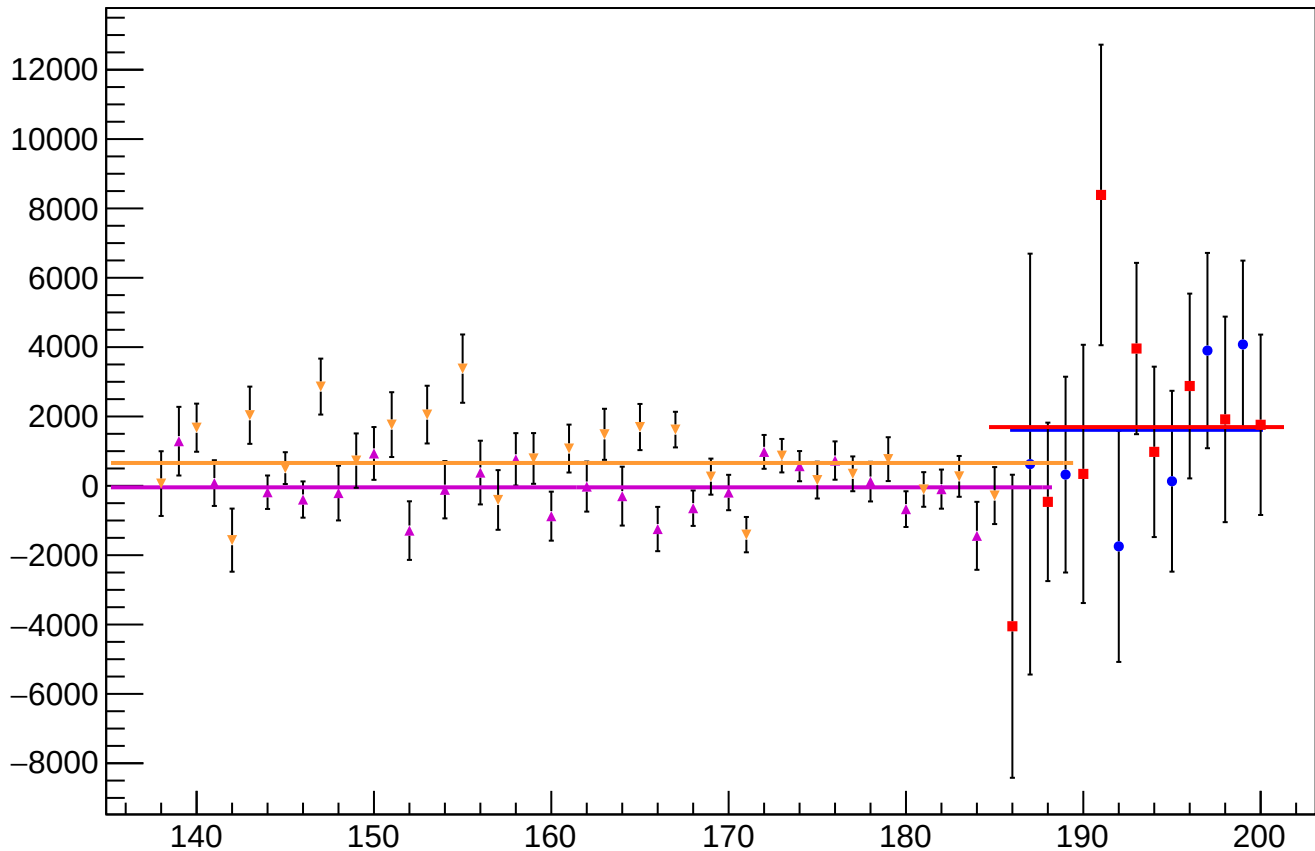
Left In: 527.182 $\pm$ 0.091 χ^2 /NDF: 1813383.7/22

+ sign 550.870 $\pm$ 0.090 χ^2 /NDF: 6135991.2/30

All: 554.883 $\pm$ 0.064 χ^2 /NDF: 14784473.6/62

- sign 558.933 $\pm$ 0.091 χ^2 /NDF: 8644497.4/31

asym_sam_37_avg_mean vs Slug



Right In: 1615.024+/-1206.649 χ^2/NDF : 3.3/5

Left Out: 659.523+/-128.164 χ^2/NDF : 62.4/24

Right Out: 1694.063+/-952.894 χ^2/NDF : 6.3/8

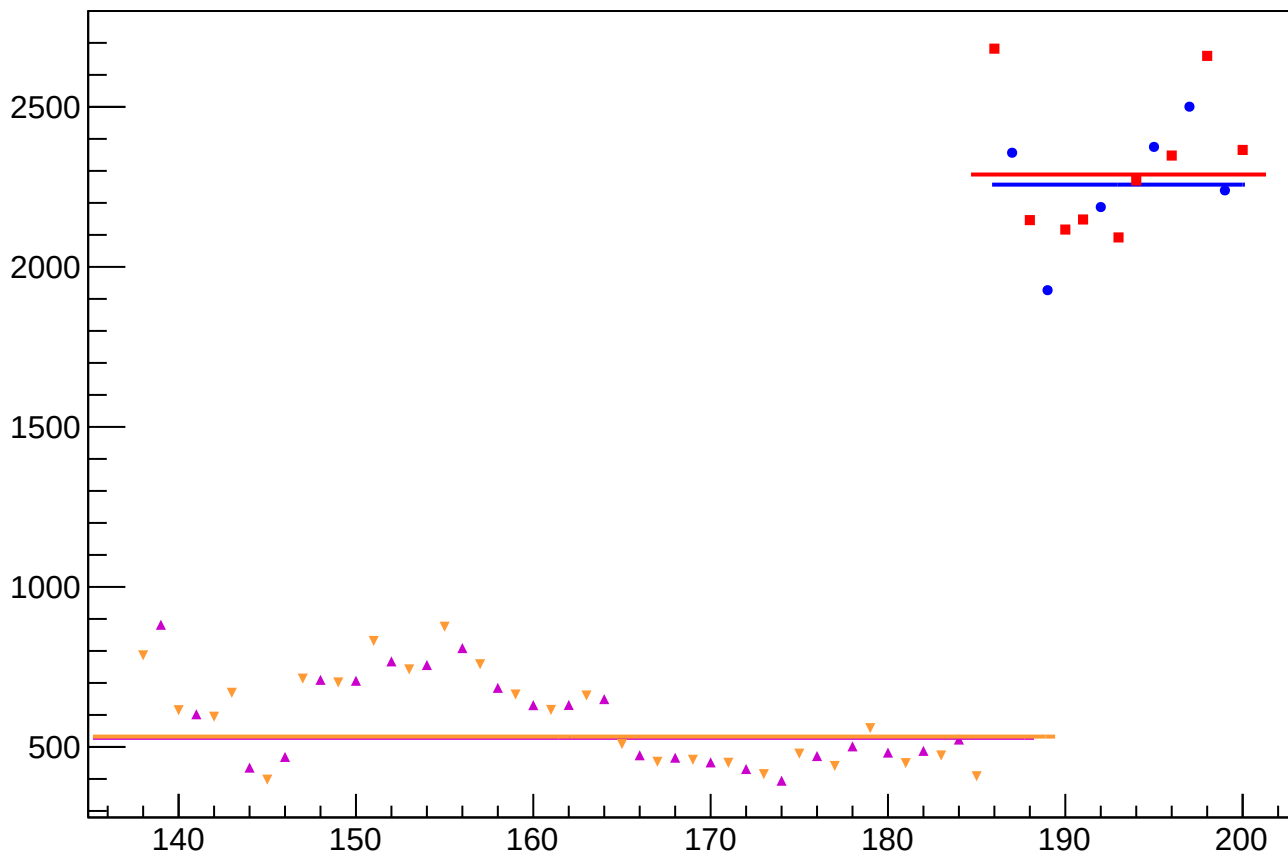
Left In: -43.183+/-129.538 χ^2/NDF : 26.0/22

+ sign 670.182+/-127.447 χ^2/NDF : 66.3/30

All: 331.686+/-90.439 χ^2/NDF : 116.1/62

- sign -11.661+/-128.357 χ^2/NDF : 35.6/31

asym_sam_37_avg_rms vs Slug



Right In: 2257.067 $\pm$ 0.853 χ^2 /NDF: 47866.5/5

Left Out: 532.393 $\pm$ 0.091 χ^2 /NDF:1943066.8/24

Right Out: 2288.683 $\pm$ 0.674 χ^2 /NDF: 77164.8/8

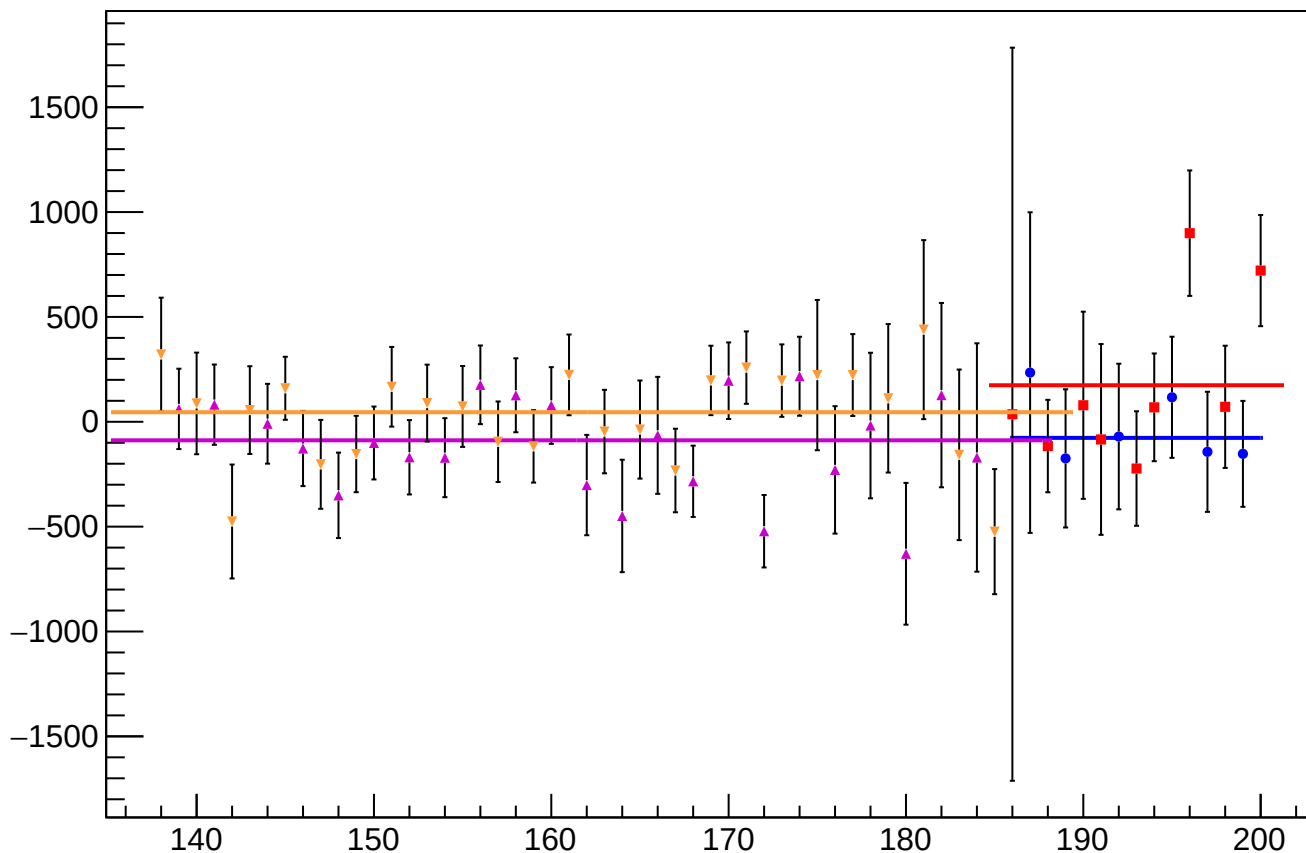
Left In: 528.464 $\pm$ 0.092 χ^2 /NDF:1712049.5/22

+ sign 551.633 $\pm$ 0.090 χ^2 /NDF: 6031201.7/30

All: 555.987 $\pm$ 0.064 χ^2 /NDF: 14525839.8/62

- sign 560.403 $\pm$ 0.091 χ^2 /NDF: 8489936.0/31

dit_asym_sam_48_avg_mean vs Slug



Right In: -76.715 ± 130.090 χ^2/NDF : 0.8/5

Left Out: 45.675 ± 41.779 χ^2/NDF : 21.9/24

Right Out: 174.218 ± 101.778 χ^2/NDF : 14.6/8

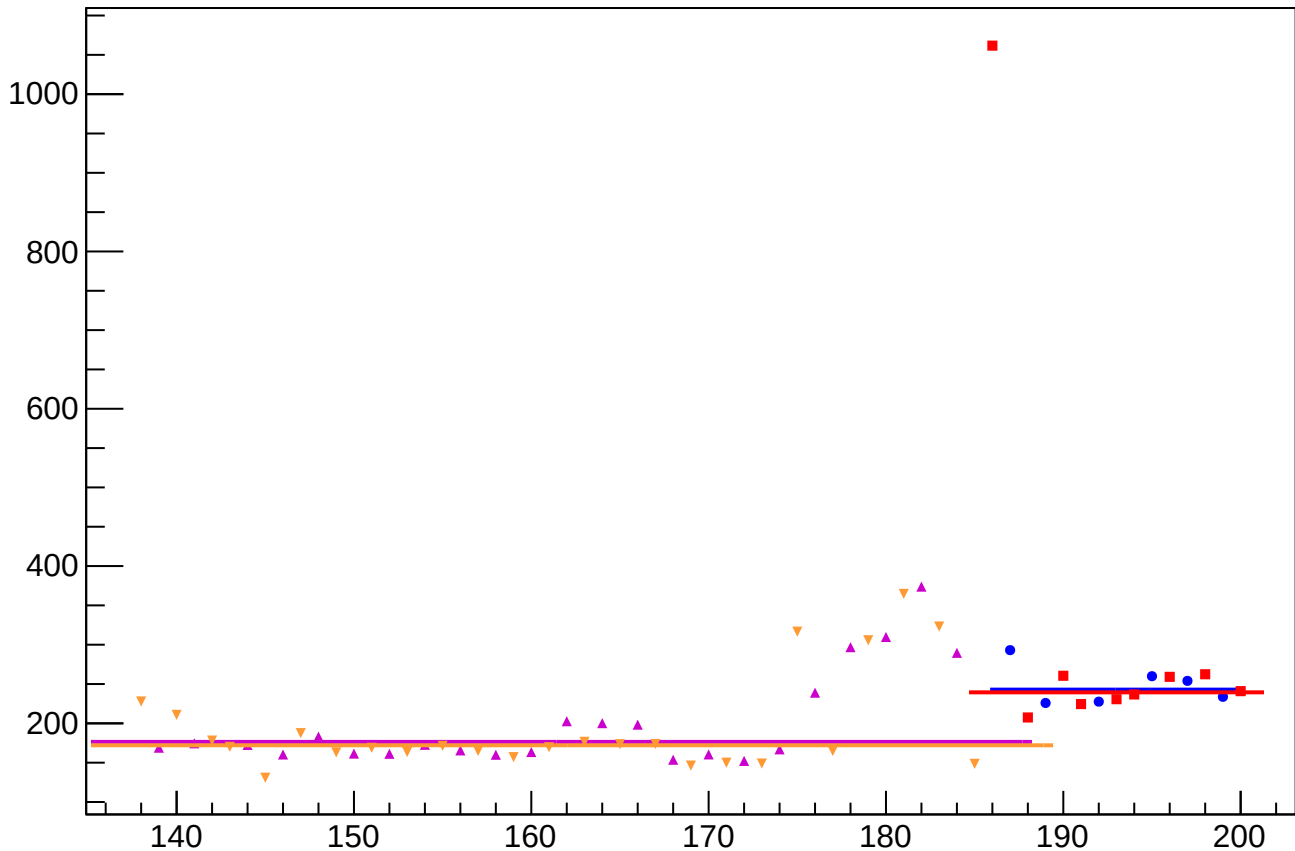
Left In: -88.356 ± 43.518 χ^2/NDF : 26.4/22

+ sign 34.232 ± 39.778 χ^2/NDF : 23.6/30

All: -6.527 ± 28.210 χ^2/NDF : 72.3/62

- sign -47.771 ± 40.014 χ^2/NDF : 46.6/31

dit_asym_sam_48_avg_rms vs Slug



Right In: 242.880 ± 0.092 χ^2/NDF : 30434.2/5

Left Out: 172.097 ± 0.030 χ^2/NDF : 1752497.1/24

Right Out: 239.425 ± 0.072 χ^2/NDF : 514768.7/8

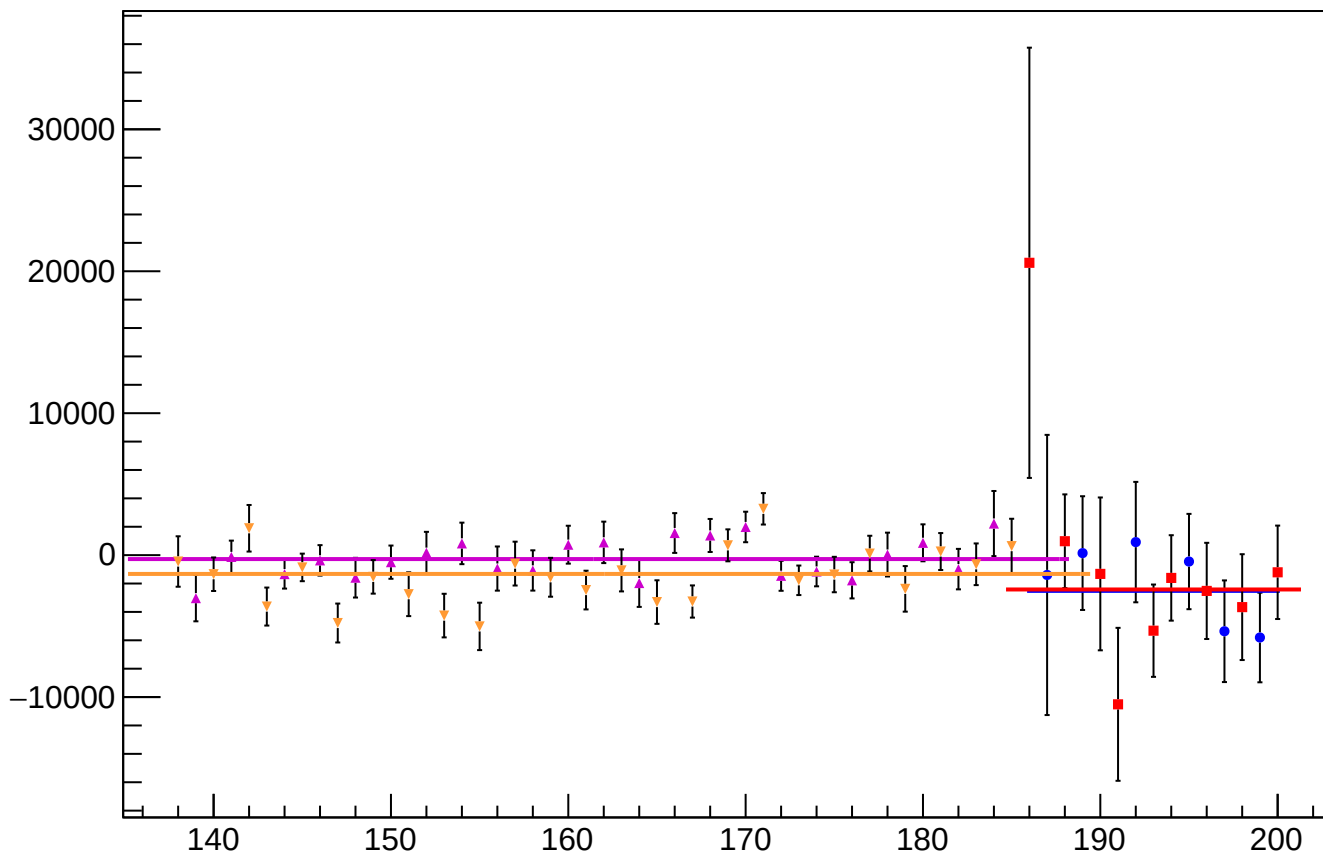
Left In: 176.425 ± 0.031 χ^2/NDF : 1360607.7/22

+ sign 178.715 ± 0.028 χ^2/NDF : 2319690.0/30

All: 182.417 ± 0.020 χ^2/NDF : 4877778.3/62

- sign 186.163 ± 0.028 χ^2/NDF : 2523239.7/31

asym_sam_48_avg_correction_mean vs Slug



Right In: -2517.010 ± 1590.701 χ^2/NDF : 3.2/5

Left Out: -1324.367 ± 265.950 χ^2/NDF : 53.6/24

Right Out: -2418.862 ± 1268.513 χ^2/NDF : 6.8/8

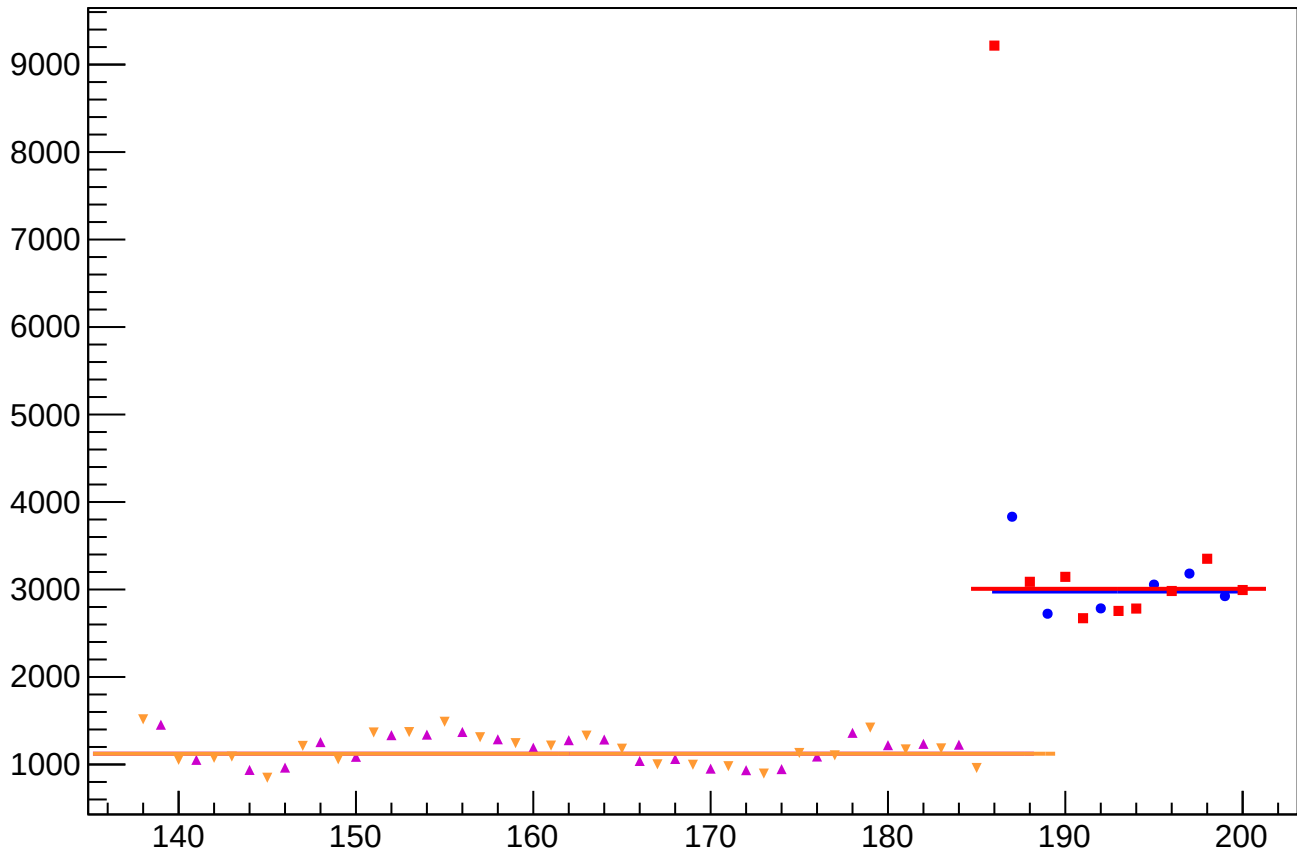
Left In: -276.678 ± 270.547 χ^2/NDF : 22.0/22

+ sign -1356.798 ± 262.309 χ^2/NDF : 57.4/30

All: -867.622 ± 186.284 χ^2/NDF : 95.9/62

- sign -369.881 ± 264.596 χ^2/NDF : 31.5/31

asym_sam_48_avg_correction_rms vs Slug



Right In: 2976.833 ± 1.125 χ^2/NDF : 35400.6/5

Left Out: 1123.022 ± 0.188 χ^2/NDF : 842393.5/24

Right Out: 3007.779 ± 0.897 χ^2/NDF : 386350.4/8

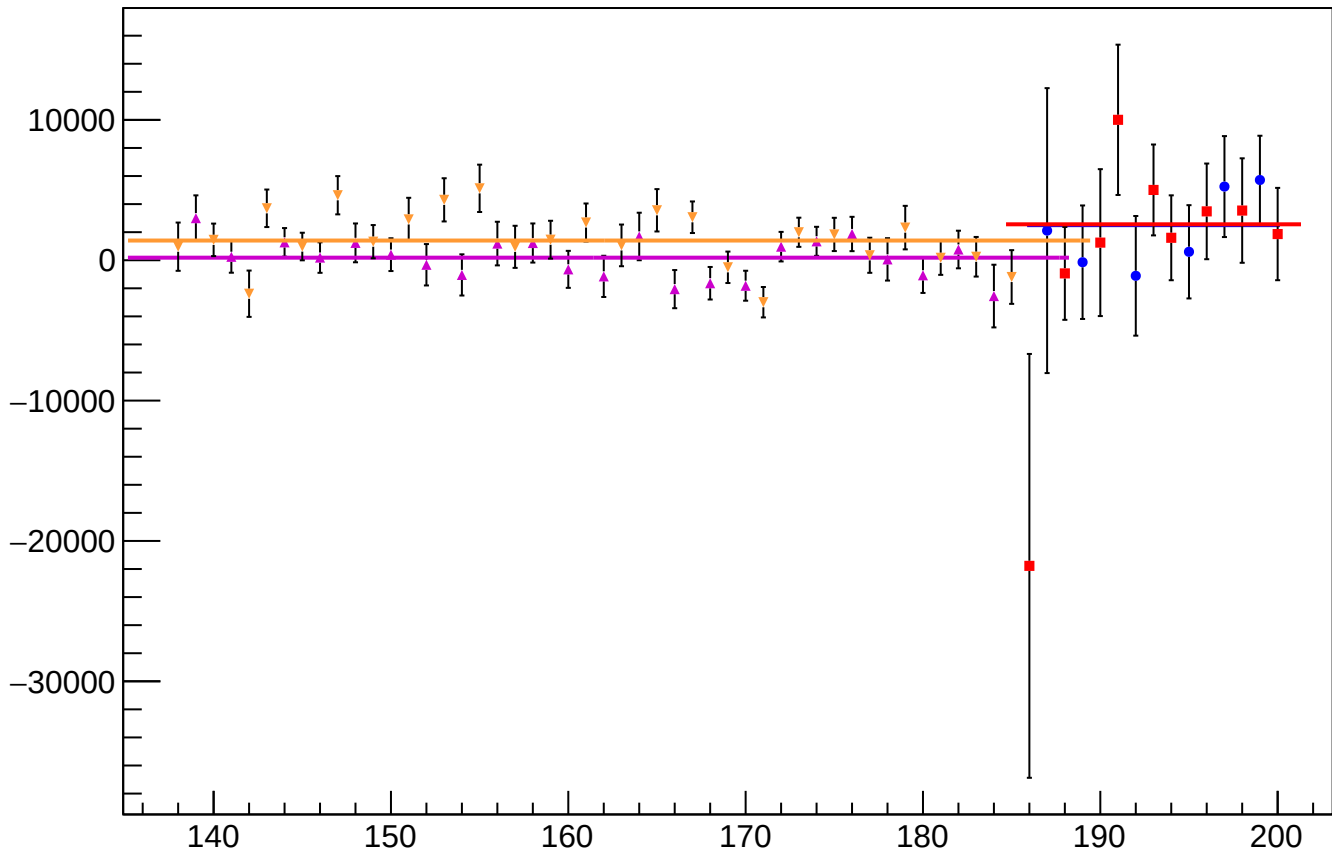
Left In: 1123.148 ± 0.191 χ^2/NDF : 689778.4/22

+ sign 1173.432 ± 0.185 χ^2/NDF : 3520269.7/30

All: 1189.151 ± 0.132 χ^2/NDF : 8833429.6/62

- sign 1205.145 ± 0.187 χ^2/NDF : 5298669.5/31

asym_sam_48_avg_mean vs Slug



Right In: 2500.891 ± 1592.397 χ^2/NDF : 3.1/5

Left Out: 1404.763 ± 262.517 χ^2/NDF : 53.1/24

Right Out: 2561.105 ± 1267.375 χ^2/NDF : 6.6/8

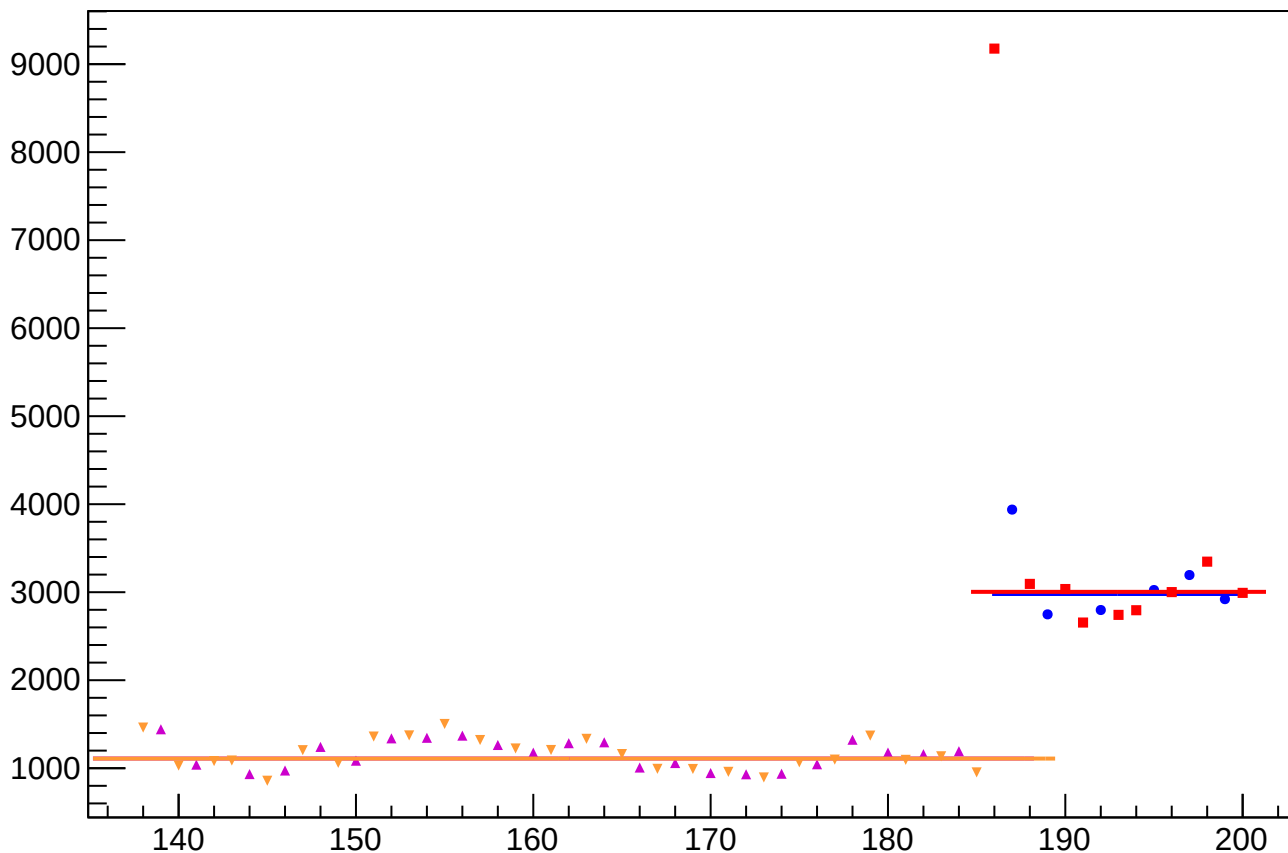
Left In: 183.249 ± 267.620 χ^2/NDF : 23.7/22

+ sign 1433.765 ± 259.021 χ^2/NDF : 56.7/30

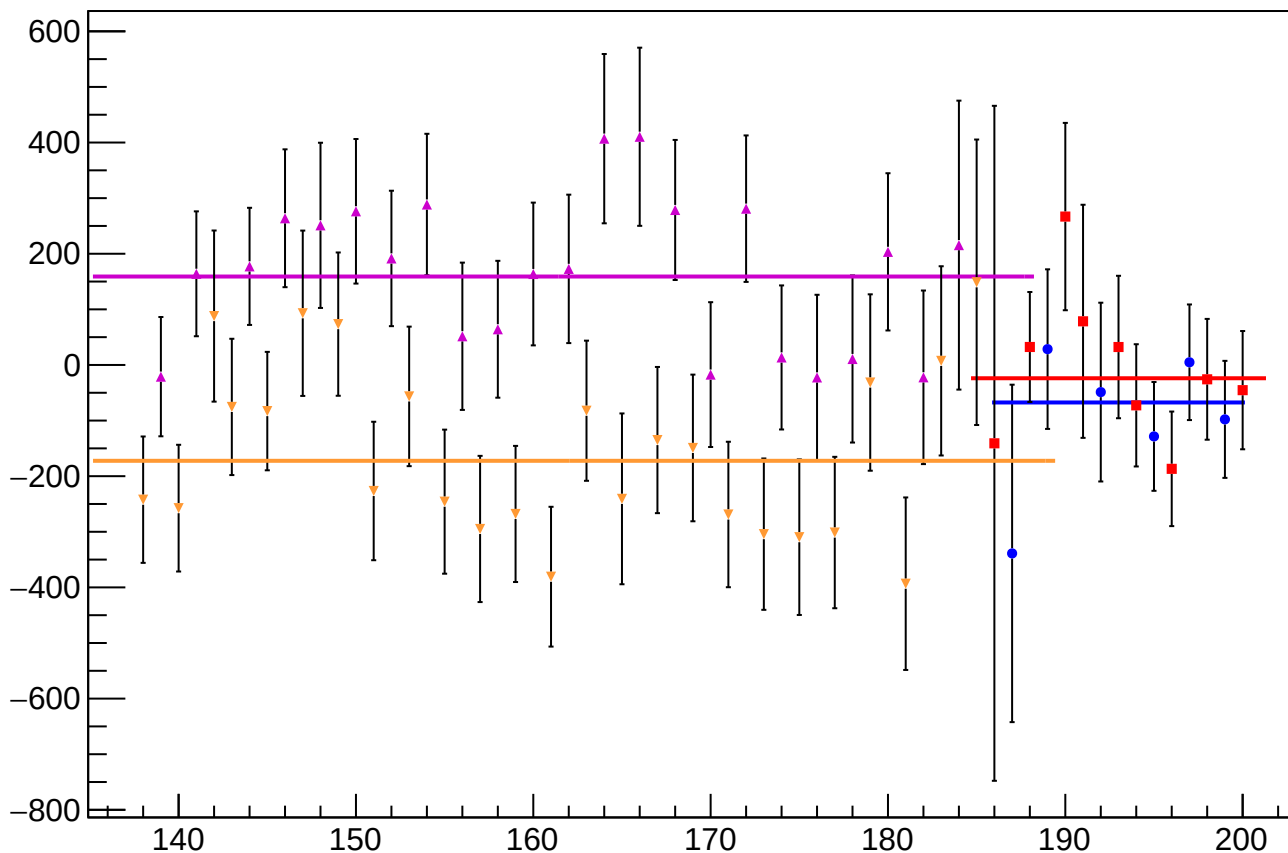
All: 865.489 ± 184.146 χ^2/NDF : 100.1/62

- sign 284.749 ± 261.846 χ^2/NDF : 33.6/31

asym_sam_48_avg_rms vs Slug



dit_asym_sam_15_dd_mean vs Slug



Right In: -67.451 ± 50.932 χ^2/NDF : 2.2/5

Left Out: -172.357 ± 26.709 χ^2/NDF : 27.2/24

Right Out: -23.901 ± 41.733 χ^2/NDF : 6.5/8

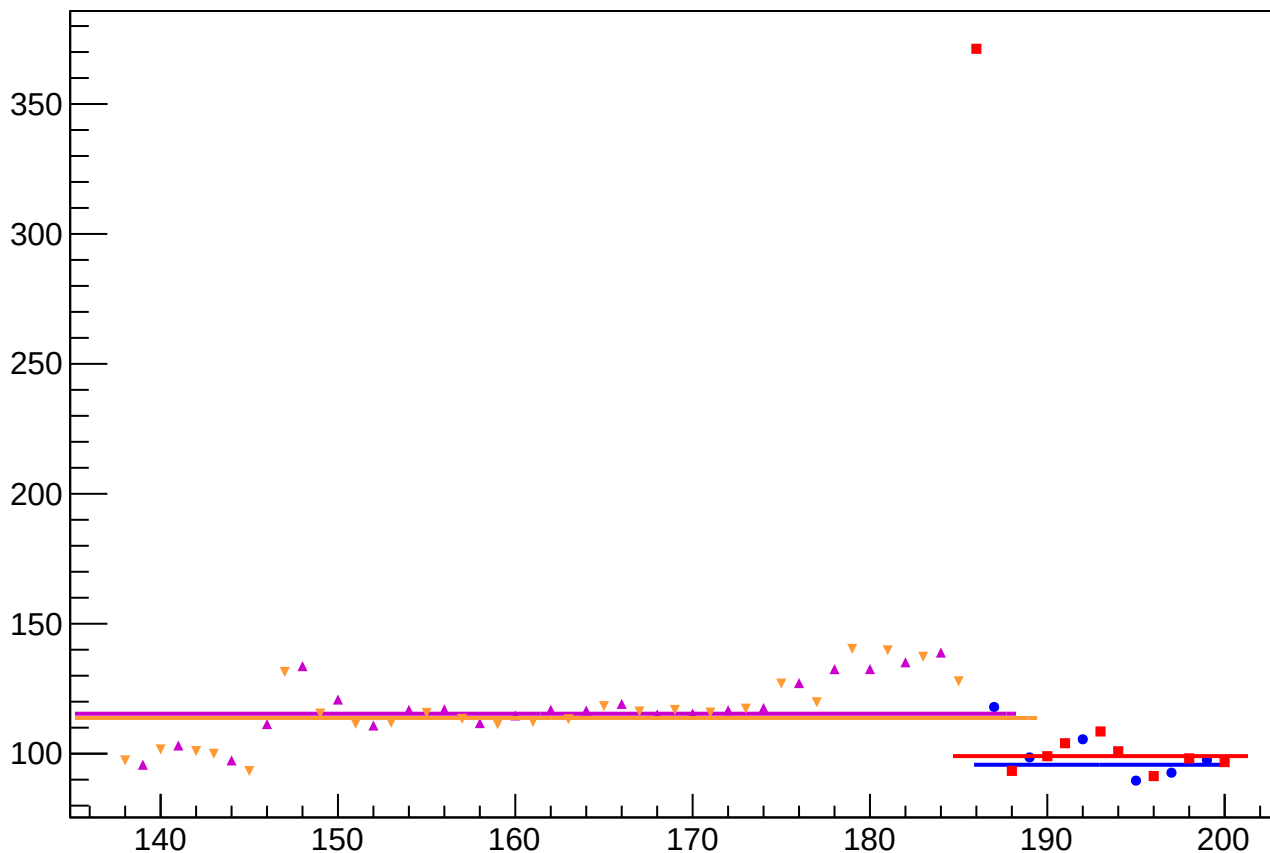
Left In: 159.044 ± 27.608 χ^2/NDF : 21.1/22

+ sign -149.730 ± 23.654 χ^2/NDF : 32.8/30

All: -19.782 ± 16.499 χ^2/NDF : 132.5/62

- sign 103.352 ± 23.025 χ^2/NDF : 40.9/31

dit_asym_sam_15_dd_rms vs Slug



Right In: 95.730+/-0.036 χ^2/NDF : 29041.8/5

Left Out: 113.727+/-0.019 χ^2/NDF : 392153.8/24

Right Out: 99.061+/-0.030 χ^2/NDF : 433710.2/8

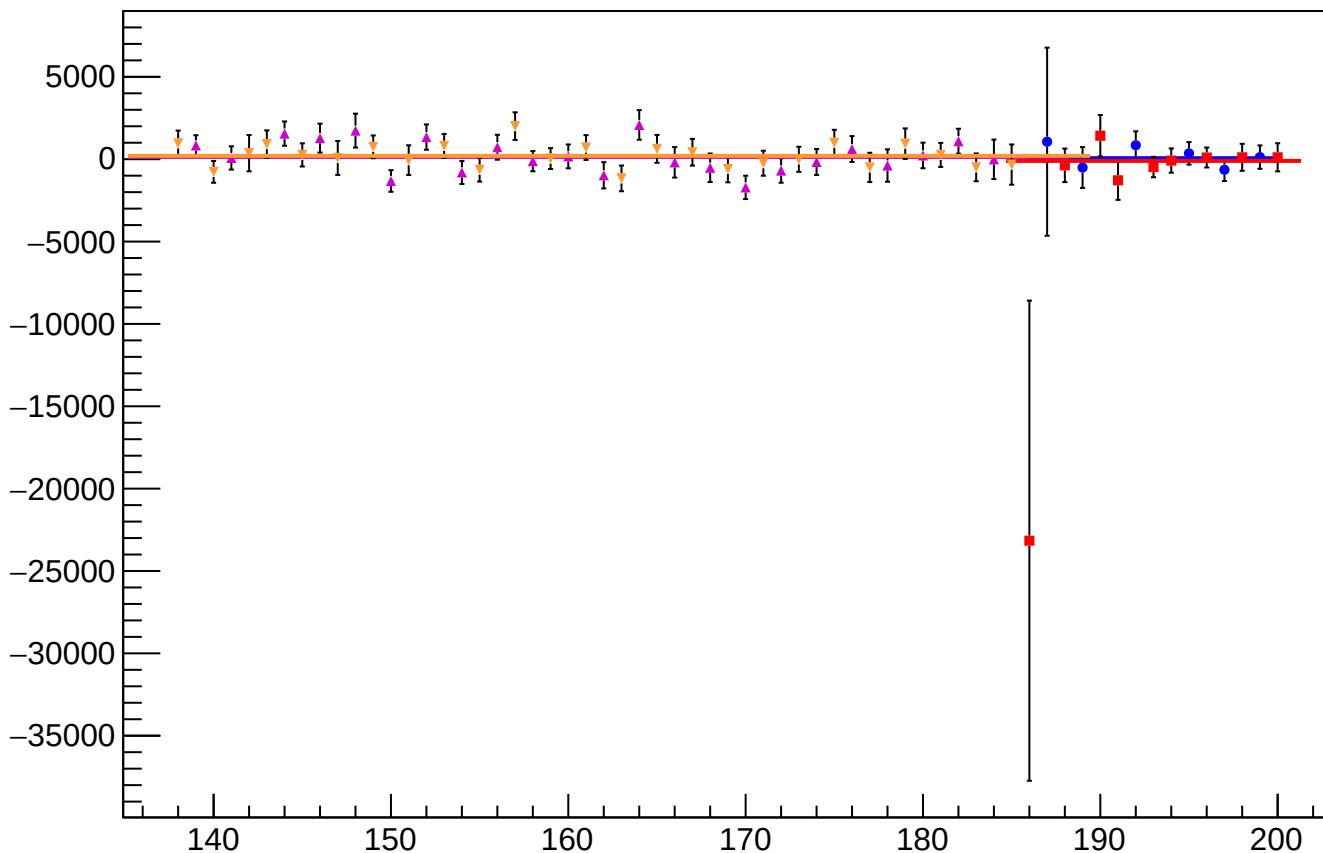
Left In: 115.377+/-0.020 χ^2/NDF : 309034.7/22

+ sign 109.845+/-0.017 χ^2/NDF : 617053.2/30

All: 110.135+/-0.012 χ^2/NDF : 1573023.1/62

- sign 110.410+/-0.016 χ^2/NDF : 955385.1/31

asym_sam_15_dd_correction_mean vs Slug



Right In: 59.916+/-346.043 χ^2/NDF : 2.4/5

Left Out: 202.466+/-159.030 χ^2/NDF : 19.8/24

Right Out: -102.311+/-284.599 χ^2/NDF : 5.7/8

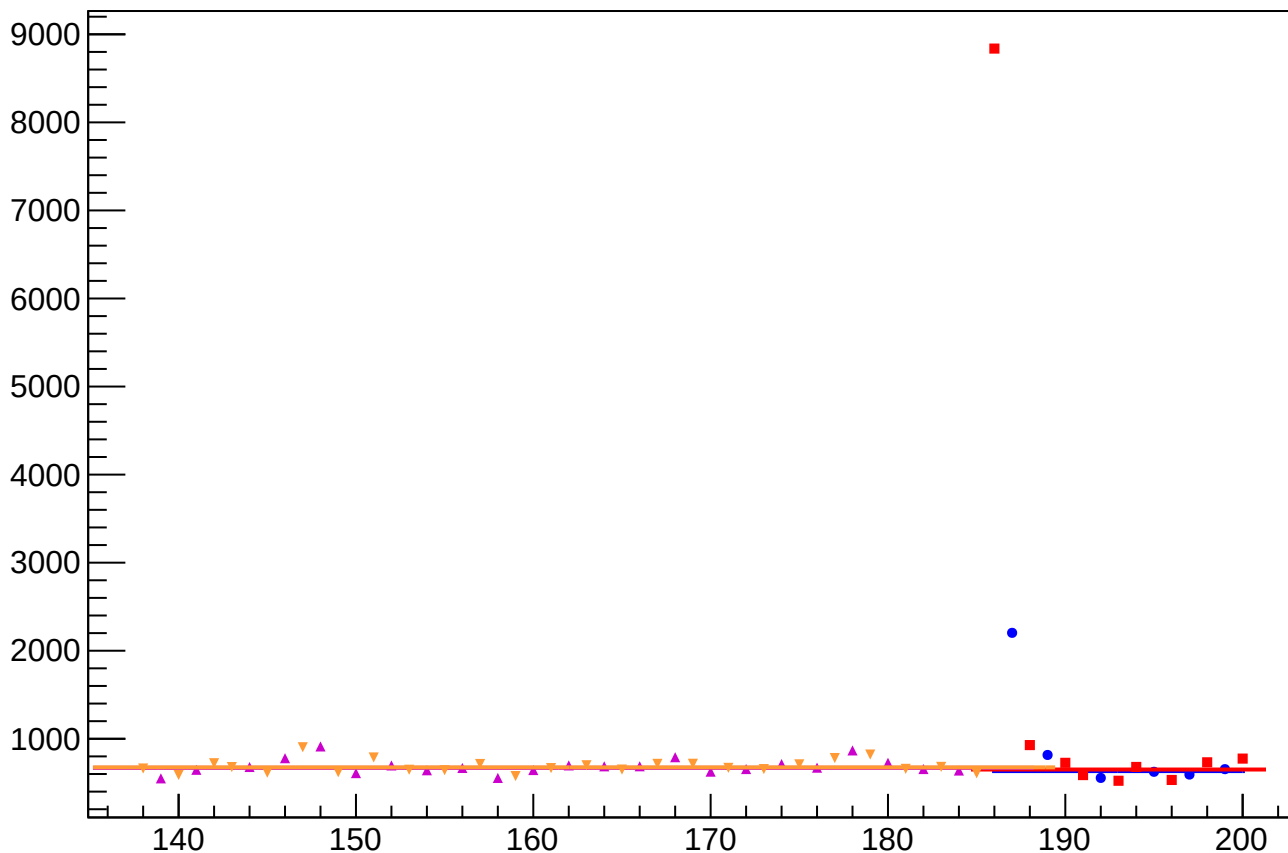
Left In: 140.039+/-161.024 χ^2/NDF : 36.9/22

+ sign 177.609+/-144.501 χ^2/NDF : 22.3/30

All: 127.967+/-100.603 χ^2/NDF : 65.6/62

- sign 81.271+/-140.147 χ^2/NDF : 43.1/31

asym_sam_15_dd_correction_rms vs Slug



Right In: 633.196 ± 0.245 χ^2/NDF : 220663.7/5

Left Out: 675.335 ± 0.112 χ^2/NDF : 358713.6/24

Right Out: 650.992 ± 0.201 χ^2/NDF : 1019743.9/8

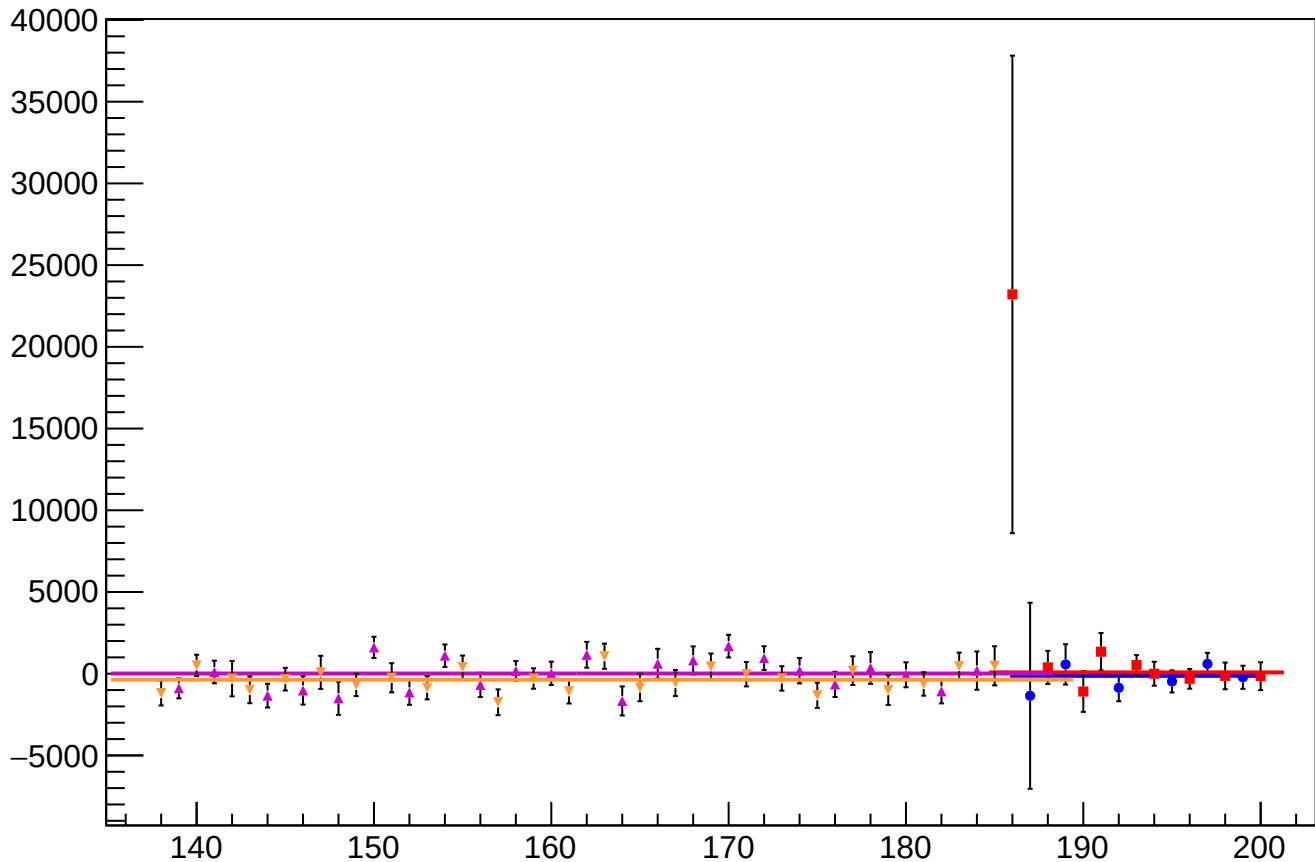
Left In: 669.938 ± 0.114 χ^2/NDF : 464085.7/22

+ sign 667.987 ± 0.102 χ^2/NDF : 603863.1/30

All: 666.625 ± 0.071 χ^2/NDF : 2094751.3/62

- sign 665.343 ± 0.099 χ^2/NDF : 1490543.3/31

asym_sam_15_dd_mean vs Slug



Right In: -128.660 ± 342.131 χ^2/NDF : 2.6/5

Left Out: -365.394 ± 156.301 χ^2/NDF : 18.7/24

Right Out: 78.649 ± 281.841 χ^2/NDF : 5.8/8

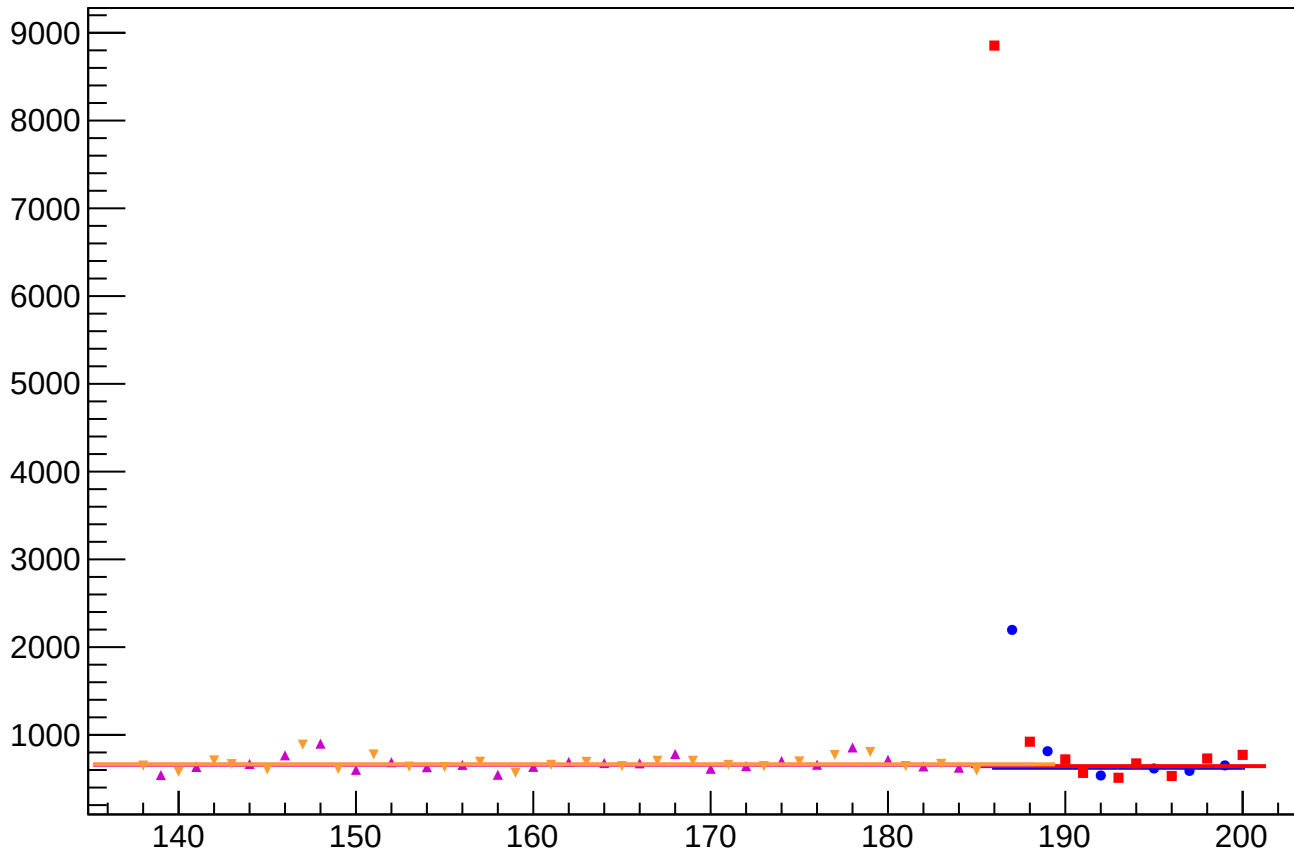
Left In: 11.243 ± 158.497 χ^2/NDF : 38.8/22

+ sign -324.517 ± 142.168 χ^2/NDF : 21.7/30

All: -143.496 ± 99.077 χ^2/NDF : 69.6/62

- sign 27.439 ± 138.150 χ^2/NDF : 44.7/31

asym_sam_15_dd_rms vs Slug



Right In: 625.456+/-0.242 χ^2/NDF : 230662.3/5

Left Out: 664.618+/-0.111 χ^2/NDF : 356964.3/24

Right Out: 644.055+/-0.199 χ^2/NDF : 1035851.2/8

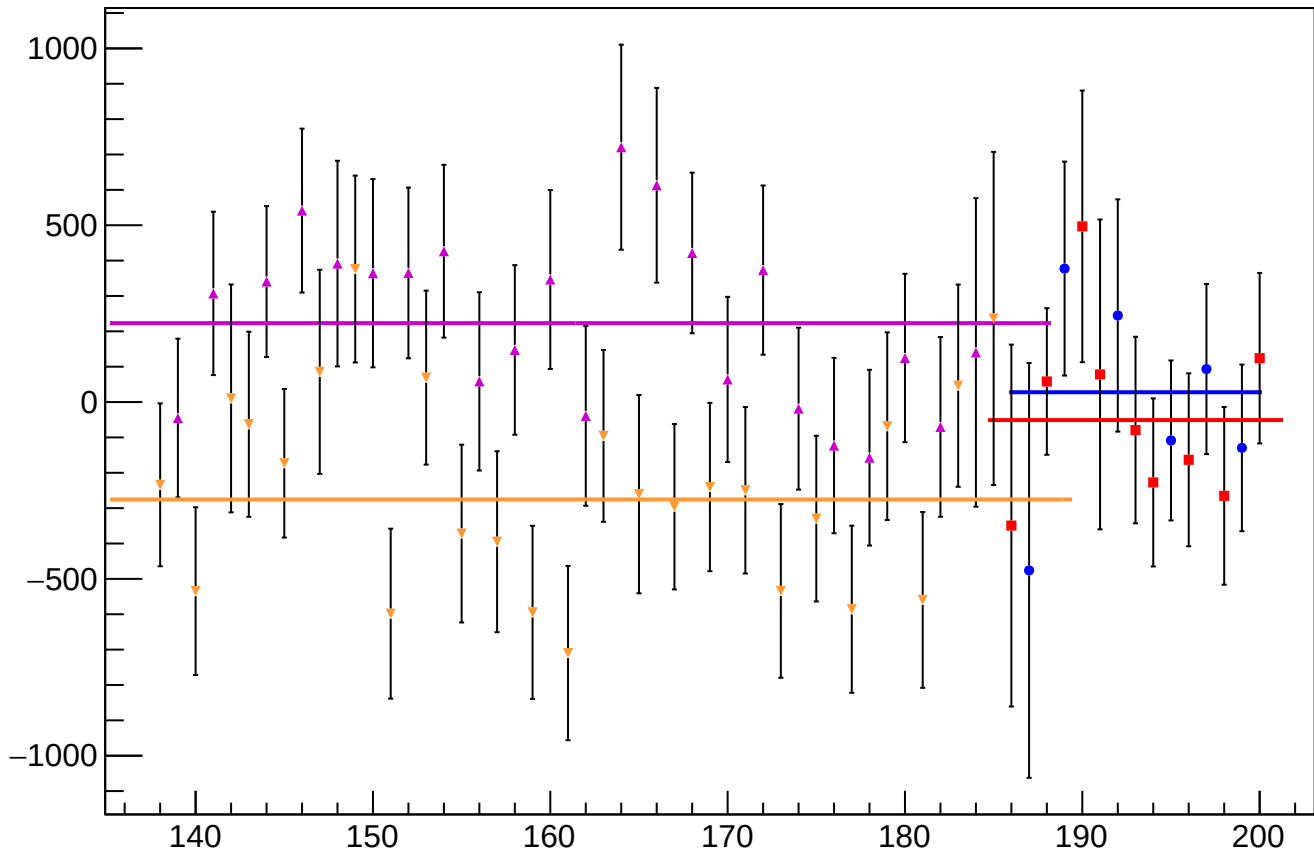
Left In: 659.230+/-0.112 χ^2/NDF : 472744.9/22

+ sign 657.856+/-0.101 χ^2/NDF : 609306.5/30

All: 656.687+/-0.070 χ^2/NDF : 2122570.1/62

- sign 655.584+/-0.098 χ^2/NDF : 1513000.9/31

dit_asym_sam_26_dd_mean vs Slug



Right In: 27.790 ± 113.244 χ^2/NDF : 3.4/5

Left Out: -275.447 ± 50.539 χ^2/NDF : 27.3/24

Right Out: -50.937 ± 90.923 χ^2/NDF : 4.8/8

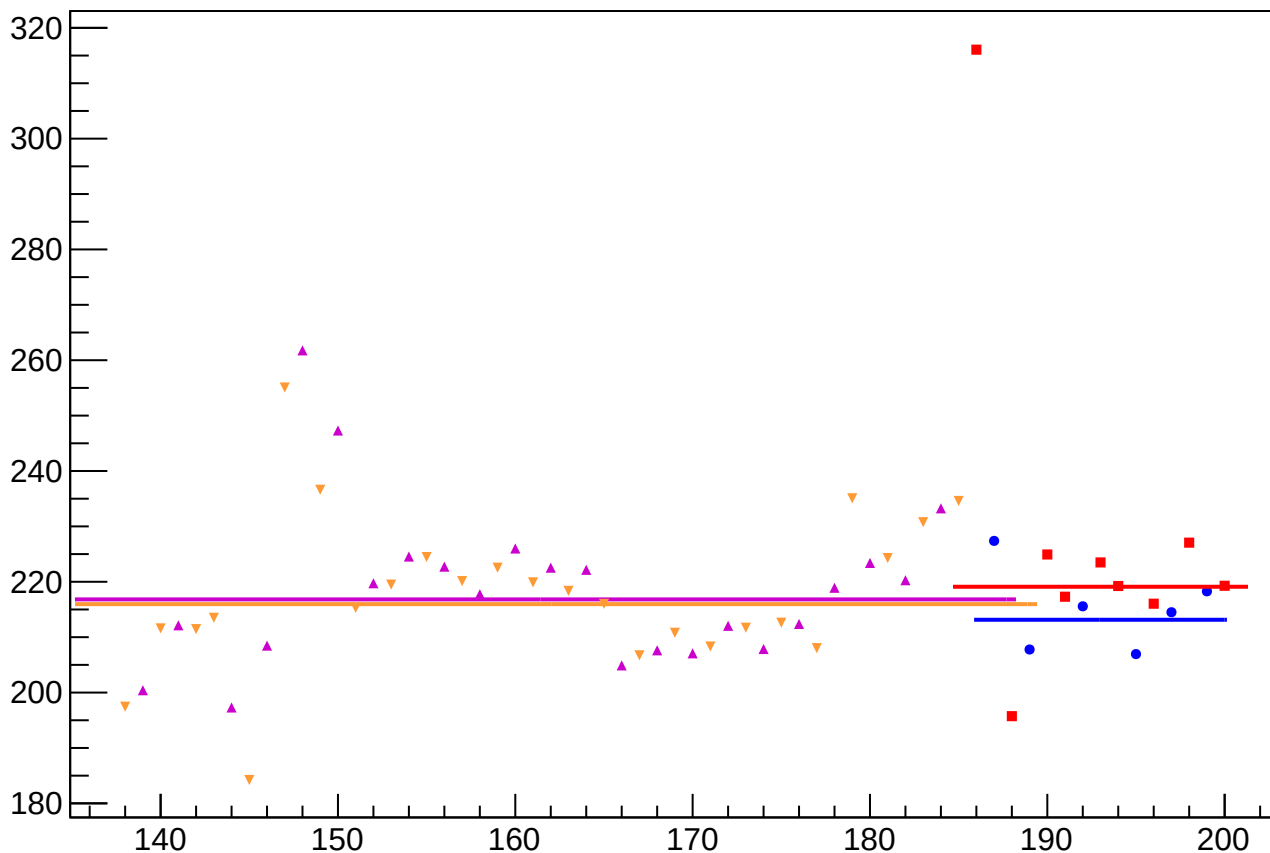
Left In: 223.195 ± 51.742 χ^2/NDF : 20.8/22

+ sign -225.082 ± 46.152 χ^2/NDF : 36.7/30

All: -29.529 ± 32.208 χ^2/NDF : 104.1/62

- sign 156.136 ± 44.970 χ^2/NDF : 32.4/31

dit_asym_sam_26_dd_rms vs Slug



Right In: 213.145 $\pm$ 0.080 χ^2 /NDF: 4433.4/5

Left Out: 215.963 $\pm$ 0.036 χ^2 /NDF: 144735.1/24

Right Out: 219.103 $\pm$ 0.064 χ^2 /NDF: 100603.0/8

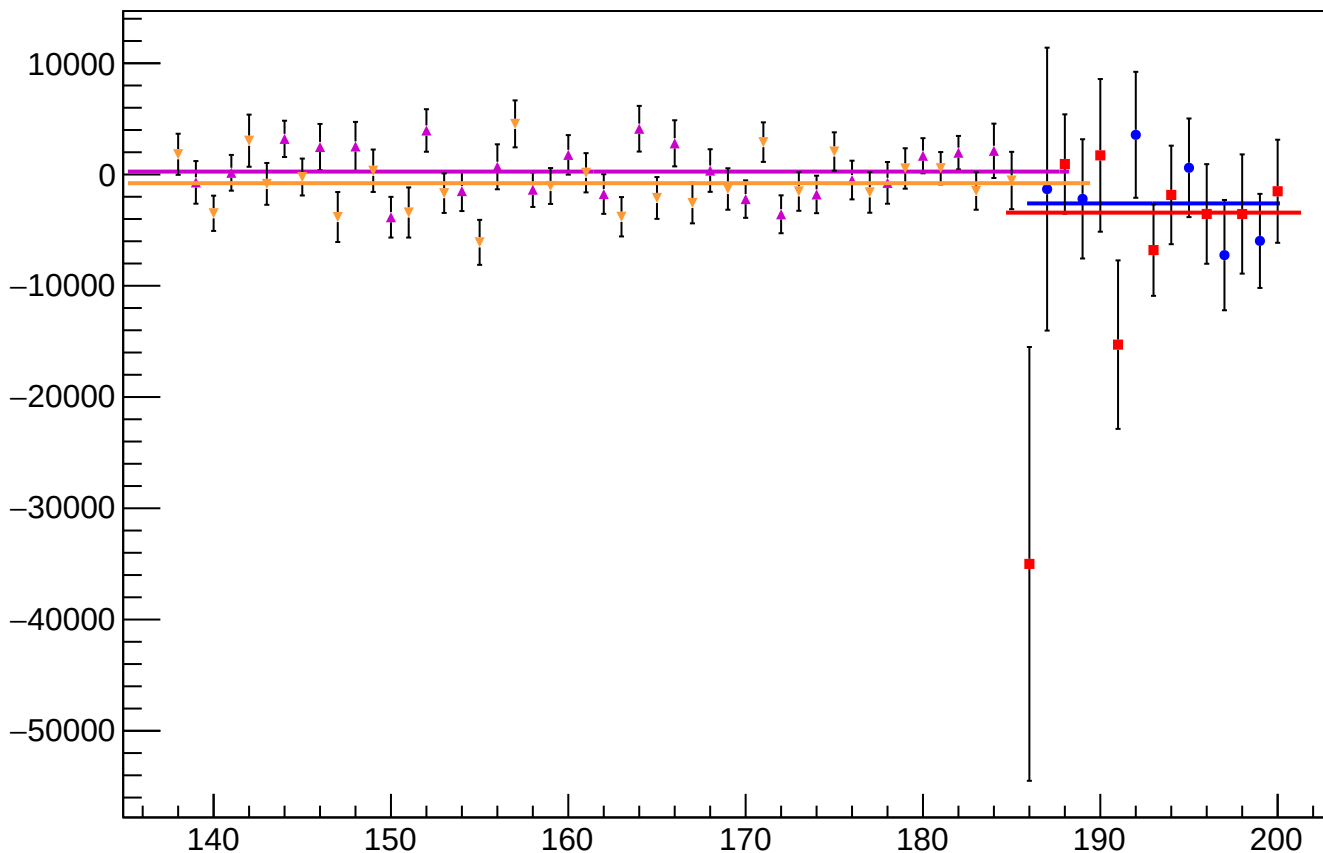
Left In: 216.821 $\pm$ 0.037 χ^2 /NDF: 132518.8/22

+ sign 215.495 $\pm$ 0.033 χ^2 /NDF: 150201.3/30

All: 216.462 $\pm$ 0.023 χ^2 /NDF: 385985.3/62

- sign 217.379 $\pm$ 0.032 χ^2 /NDF: 234073.8/31

asym_sam_26_dd_correction_mean vs Slug



Right In: -2599.231 ± 2133.037 χ^2/NDF : 3.2/5

Left Out: -779.146 ± 366.965 χ^2/NDF : 38.5/24

Right Out: -3426.750 ± 1733.130 χ^2/NDF : 7.6/8

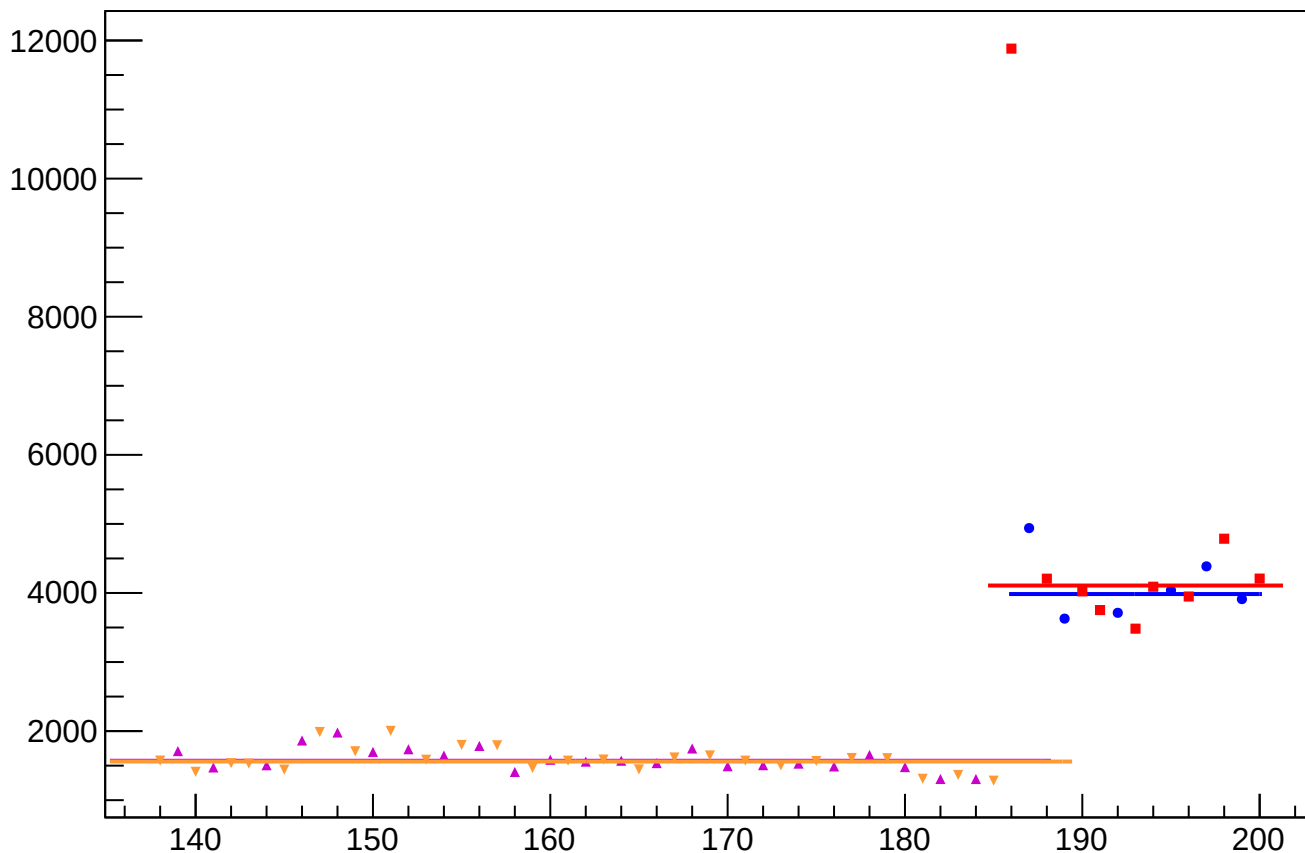
Left In: 261.815 ± 376.203 χ^2/NDF : 35.4/22

+ sign -831.467 ± 361.652 χ^2/NDF : 42.4/30

All: -375.429 ± 257.818 χ^2/NDF : 93.0/62

- sign 95.839 ± 367.641 χ^2/NDF : 47.3/31

asym_sam_26_dd_correction_rms vs Slug



Right In: 3984.609+/-1.508 χ^2/NDF : 38687.4/5

Left Out: 1559.504+/-0.259 χ^2/NDF : 379160.1/24

Right Out: 4107.783+/-1.226 χ^2/NDF : 405386.3/8

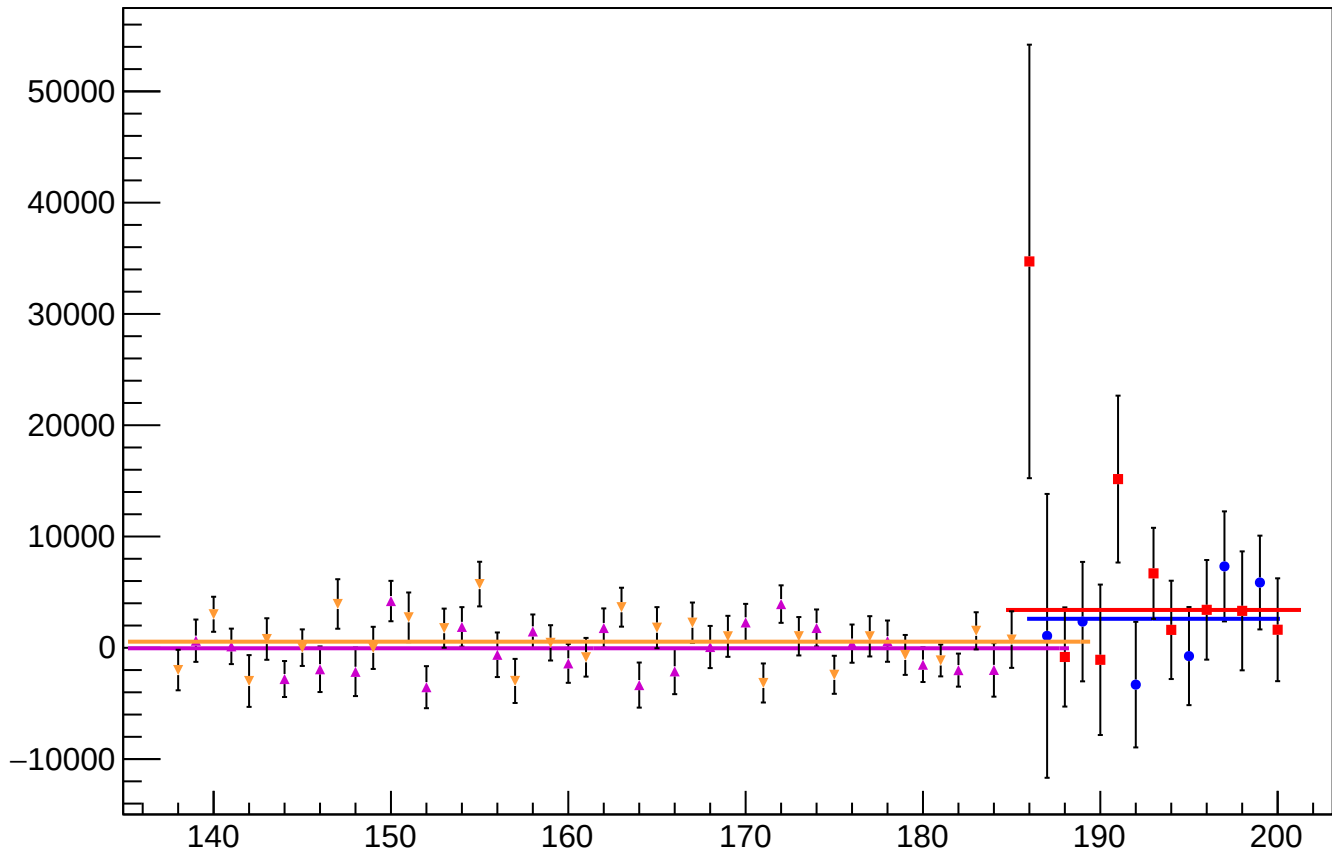
Left In: 1570.331+/-0.266 χ^2/NDF : 329434.5/22

+ sign 1629.218+/-0.256 χ^2/NDF : 2928732.2/30

All: 1656.409+/-0.182 χ^2/NDF : 7780735.8/62

- sign 1684.509+/-0.260 χ^2/NDF : 4829013.5/31

asym_sam_26_dd_mean vs Slug



Right In: 2604.455+/-2127.219 χ^2/NDF : 3.2/5

Left Out: 550.093+/-362.172 χ^2/NDF : 35.6/24

Right Out: 3400.718+/-1726.862 χ^2/NDF : 7.3/8

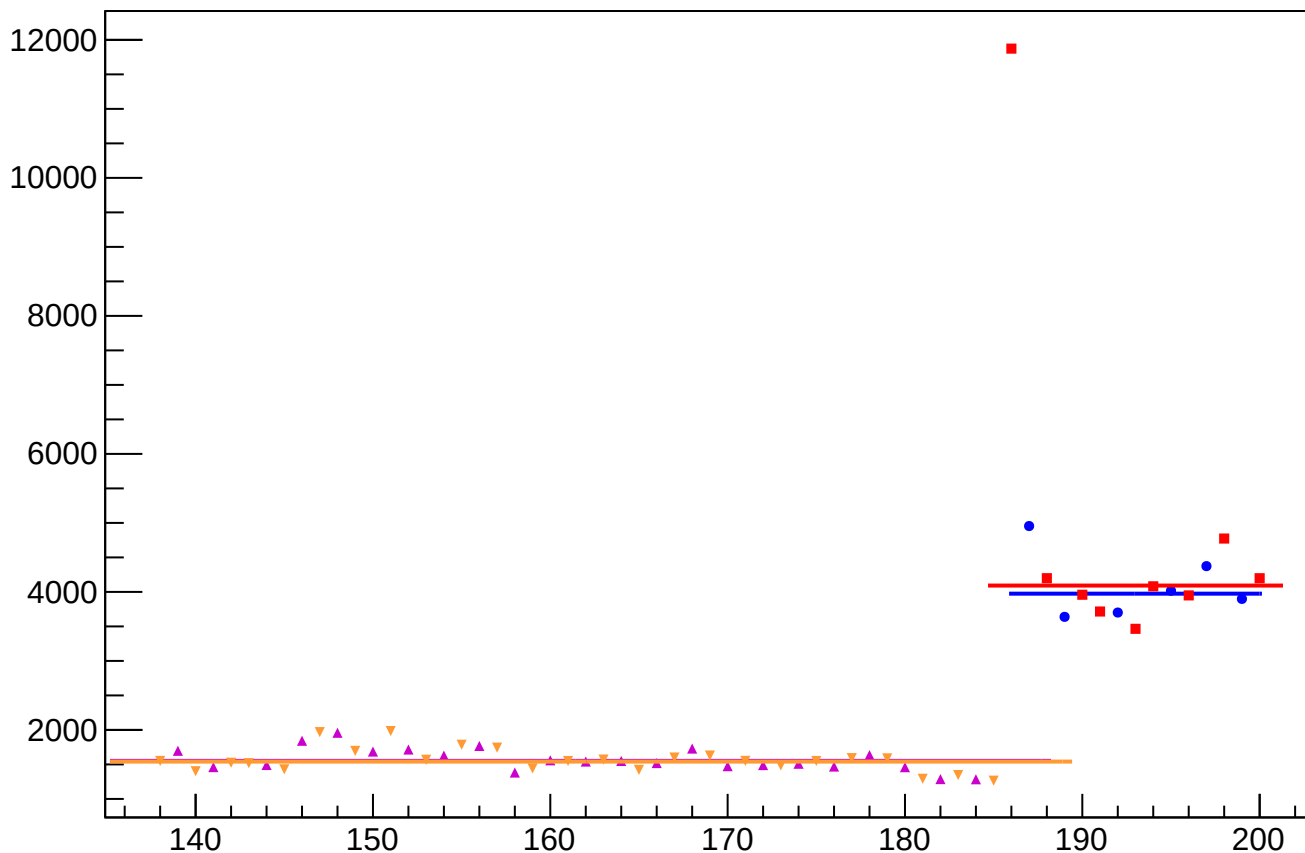
Left In: -43.949+/-371.765 χ^2/NDF : 33.5/22

+ sign 607.966+/-357.034 χ^2/NDF : 39.7/30

All: 362.736+/-254.696 χ^2/NDF : 85.3/62

- sign 108.630+/-363.439 χ^2/NDF : 44.7/31

asym_sam_26_dd_rms vs Slug



Right In: 3974.589+/-1.504 χ^2/NDF : 38202.7/5

Left Out: 1541.149+/-0.256 χ^2/NDF : 382077.8/24

Right Out: 4092.107+/-1.221 χ^2/NDF : 408700.0/8

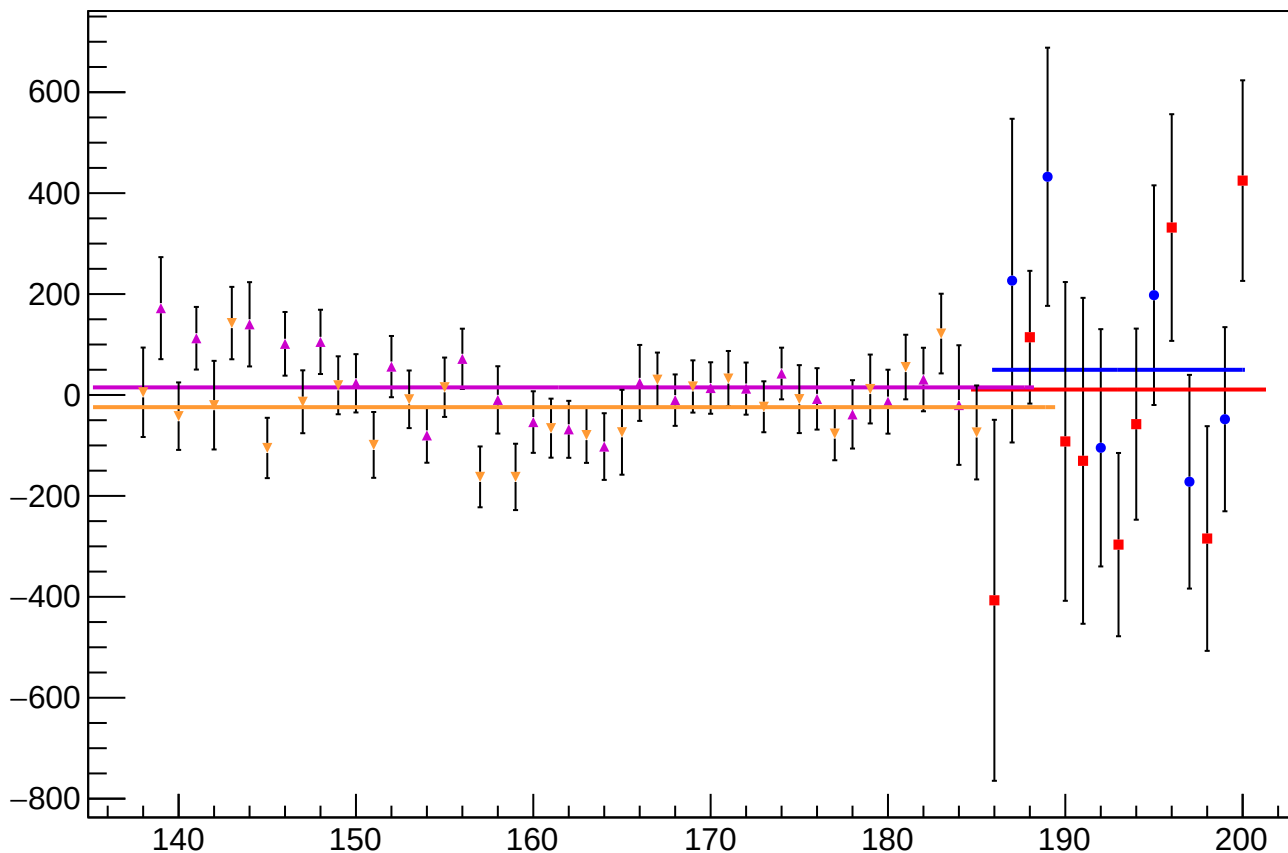
Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

+ sign 1609.700+/-0.252 χ^2/NDF : 2963813.6/30

All: 1636.375+/-0.180 χ^2/NDF : 7871582.3/62

- sign 1664.016+/-0.257 χ^2/NDF : 4885036.4/31

dit_asym_sam_37_dd_mean vs Slug



Right In: 49.902 ± 92.634 χ^2/NDF : 4.8/5

Left Out: -24.126 ± 12.525 χ^2/NDF : 30.7/24

Right Out: 10.784 ± 69.214 χ^2/NDF : 13.4/8

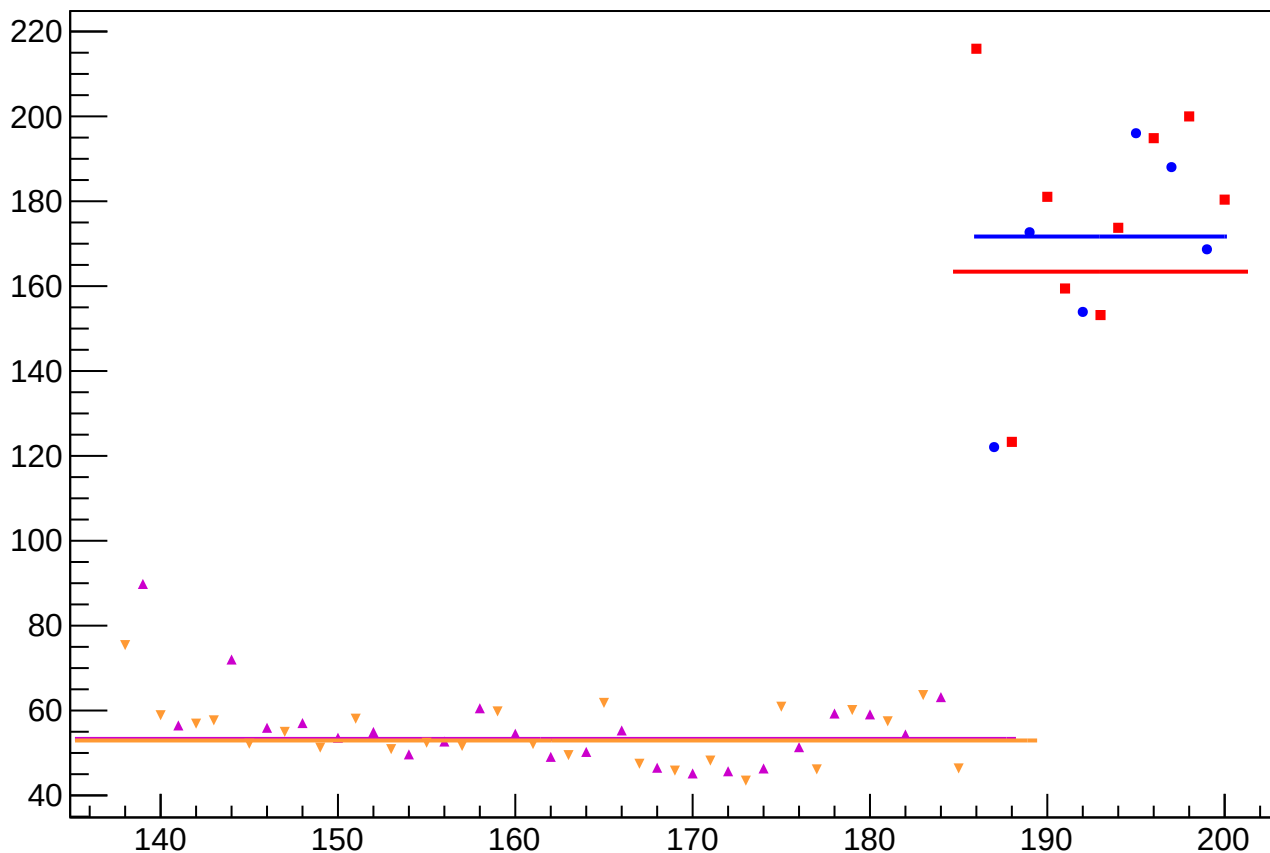
Left In: 15.058 ± 12.921 χ^2/NDF : 23.8/22

+ sign -22.797 ± 12.412 χ^2/NDF : 36.1/30

All: -4.377 ± 8.877 χ^2/NDF : 77.9/62

- sign 14.914 ± 12.702 χ^2/NDF : 37.3/31

dit_asym_sam_37_dd_rms vs Slug



Right In: 171.688 $\pm$ 0.066 χ^2 /NDF: 96793.6/5

Left Out: 52.942 $\pm$ 0.009 χ^2 /NDF:513146.0/24

Right Out: 163.411 $\pm$ 0.049 χ^2 /NDF: 355714.0/8

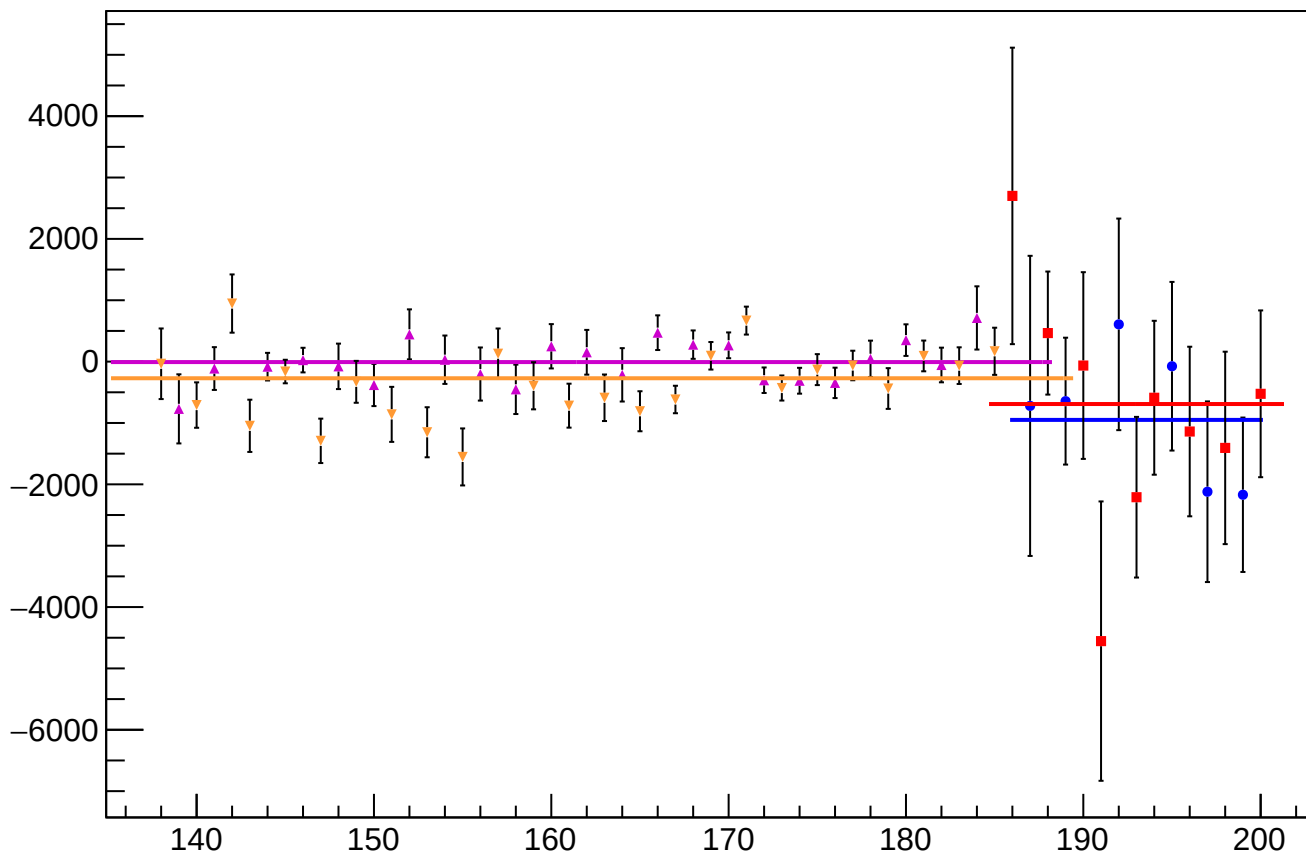
Left In: 53.312 $\pm$ 0.009 χ^2 /NDF:644220.1/22

+ sign 55.074 $\pm$ 0.009 χ^2 /NDF: 3837348.0/30

All: 56.024 $\pm$ 0.006 χ^2 /NDF: 9751551.7/62

- sign 57.020 $\pm$ 0.009 χ^2 /NDF: 5890189.3/31

asym_sam_37_dd_correction_mean vs Slug



Right In: -949.896+/-571.482 χ^2/NDF : 2.9/5

Left Out: -271.240+/-60.285 χ^2/NDF : 67.7/24

Right Out: -691.224+/-472.340 χ^2/NDF : 8.0/8

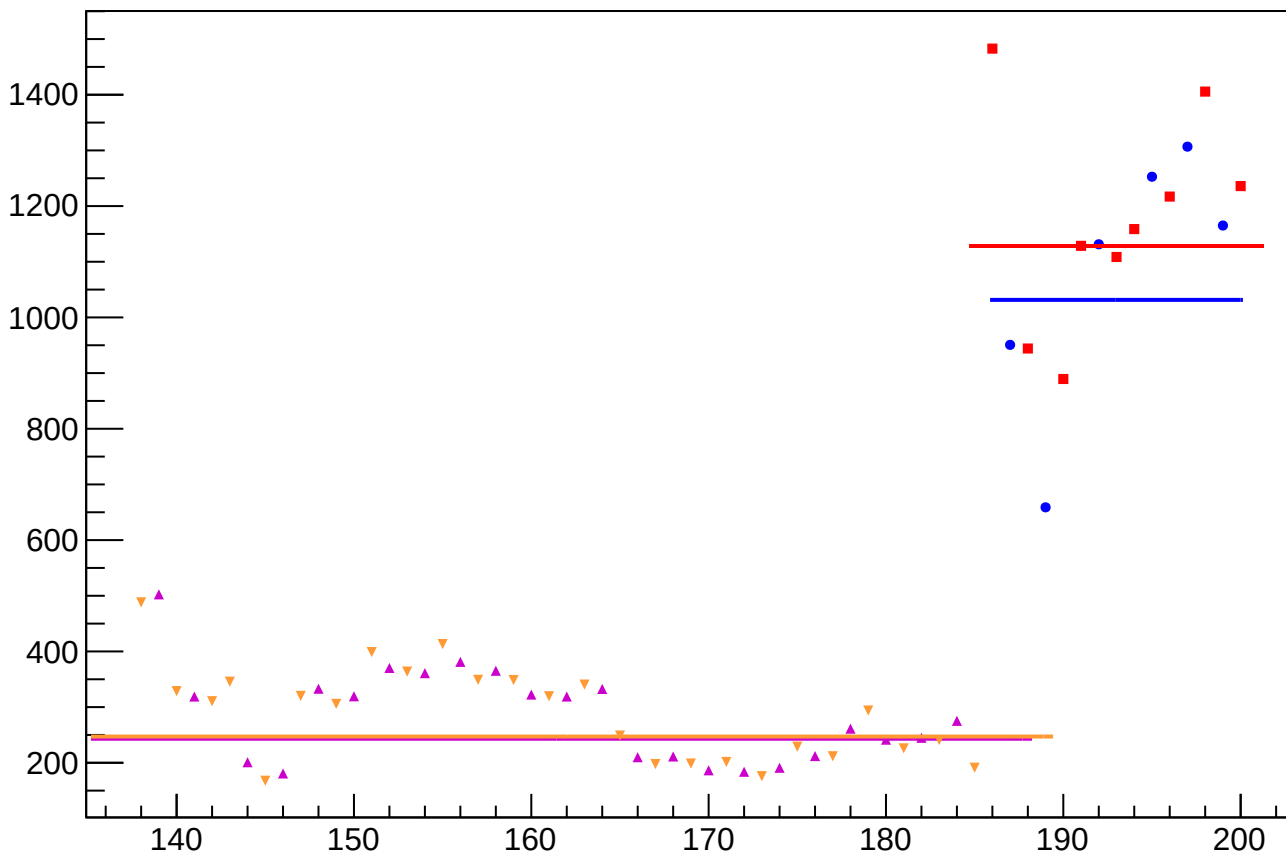
Left In: -7.535+/-60.328 χ^2/NDF : 22.9/22

+ sign -278.709+/-59.952 χ^2/NDF : 71.9/30

All: -148.369+/-42.353 χ^2/NDF : 114.3/62

- sign -18.508+/-59.842 χ^2/NDF : 32.9/31

asym_sam_37_dd_correction_rms vs Slug



Right In: 1031.520+/-0.404 χ^2/NDF : 413006.9/5

Left Out: 247.166+/-0.043 χ^2/NDF : 2853302.0/24

Right Out: 1128.275+/-0.334 χ^2/NDF : 244847.0/8

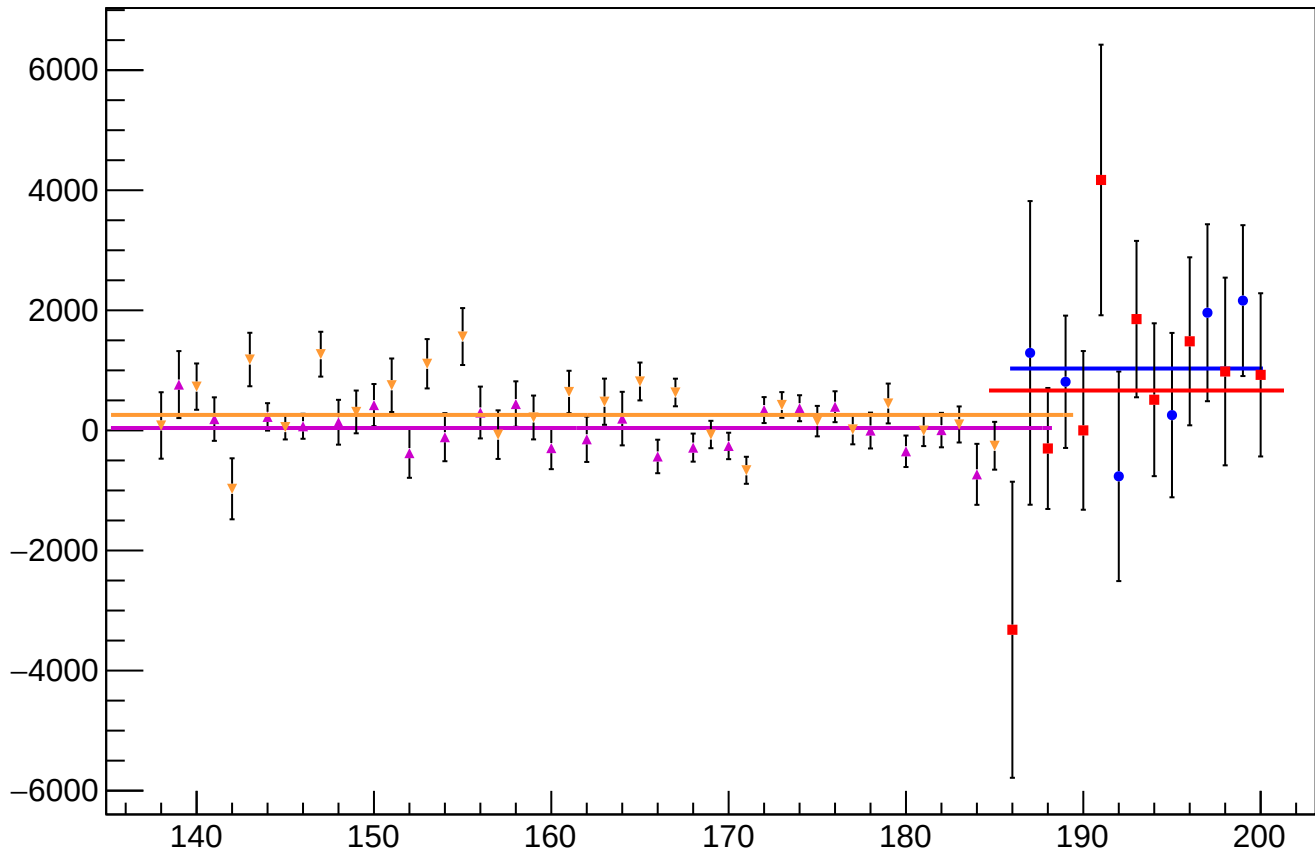
Left In: 243.189+/-0.043 χ^2/NDF : 2571190.8/22

+ sign 255.798+/-0.042 χ^2/NDF : 6992310.4/30

All: 256.598+/-0.030 χ^2/NDF : 16718847.4/62

- sign 257.395+/-0.042 χ^2/NDF : 9725825.7/31

asym_sam_37_dd_mean vs Slug



Right In: 1030.708 $\pm$ 583.651 χ^2 /NDF: 2.6/5

Left Out: 258.044 $\pm$ 61.488 χ^2 /NDF: 65.0/24

Right Out: 664.585 $\pm$ 466.913 χ^2 /NDF: 7.5/8

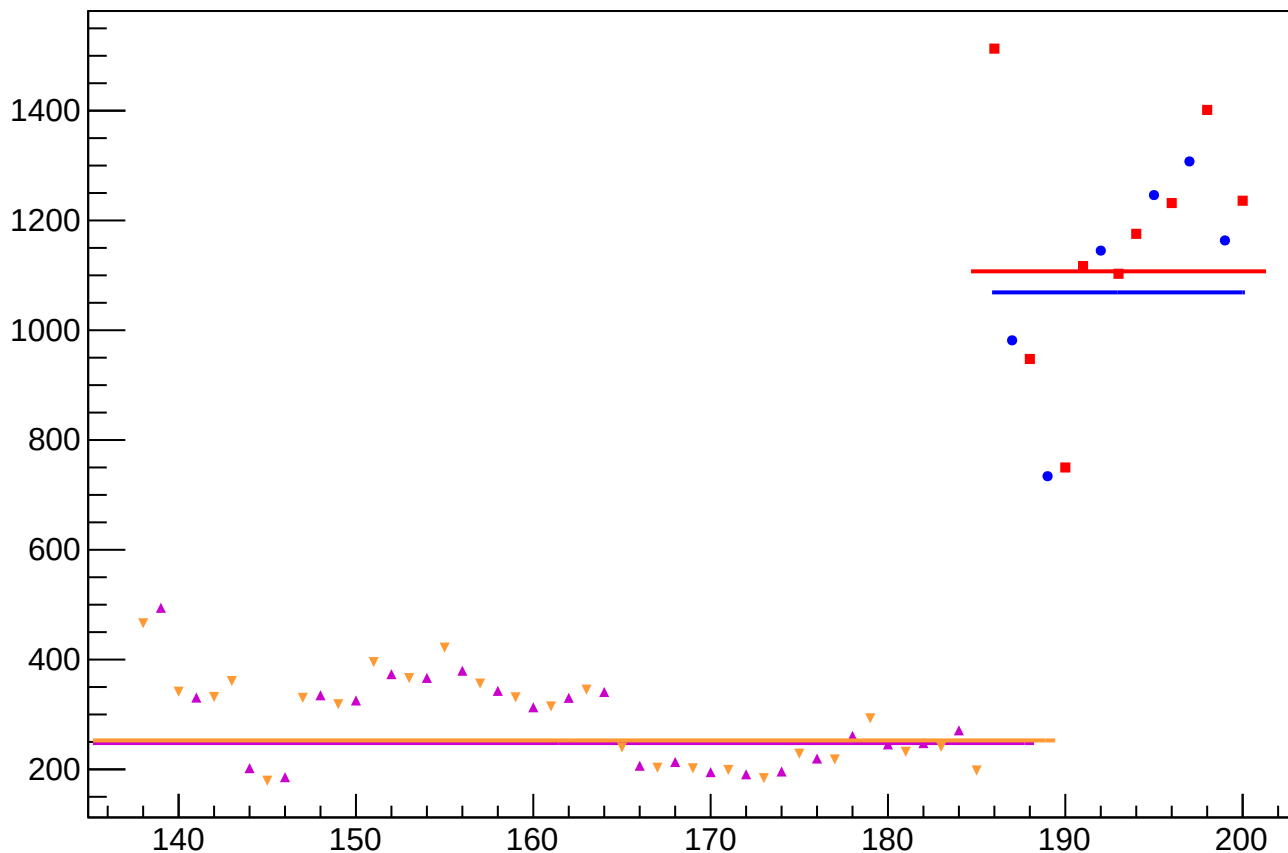
Left In: 40.015 $\pm$ 61.495 χ^2 /NDF: 25.0/22

+ sign 266.525 $\pm$ 61.149 χ^2 /NDF: 69.4/30

All: 158.276 $\pm$ 43.175 χ^2 /NDF: 109.9/62

- sign 50.665 $\pm$ 60.969 χ^2 /NDF: 34.3/31

asym_sam_37_dd_rms vs Slug



Right In: 1068.954+/-0.413 χ^2/NDF : 288175.4/5

Left Out: 252.721+/-0.043 χ^2/NDF : 2648800.3/24

Right Out: 1107.298+/-0.330 χ^2/NDF : 360944.7/8

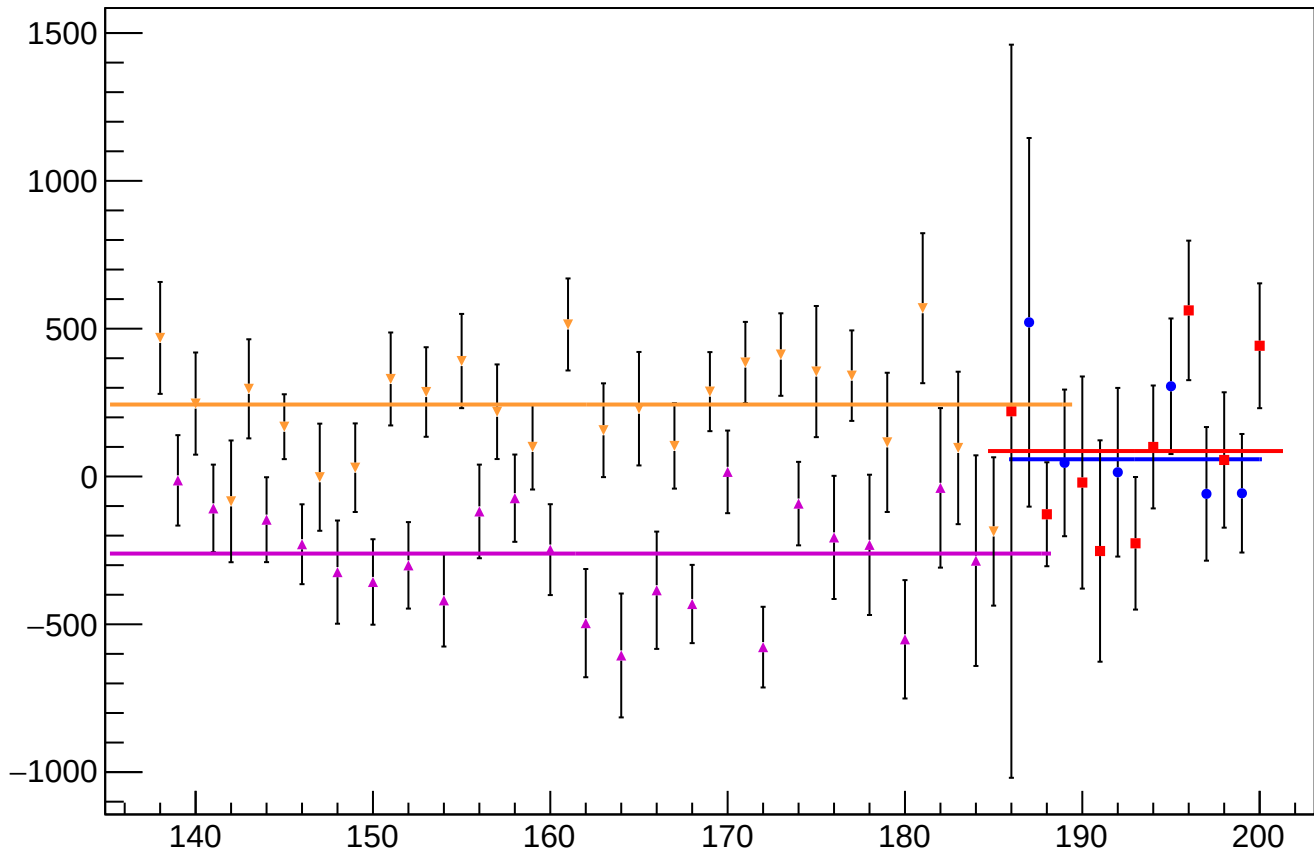
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ sign 261.680+/-0.043 χ^2/NDF : 6805616.4/30

All: 262.127+/-0.031 χ^2/NDF : 16201236.2/62

- sign 262.572+/-0.043 χ^2/NDF : 9395406.8/31

dit_asym_sam_48_dd_mean vs Slug



Right In: 58.243 $\pm$ 102.824 χ^2 /NDF: 2.3/5

Left Out: 243.442 $\pm$ 32.738 χ^2 /NDF:23.4/24

Right Out: 86.050 $\pm$ 81.541 χ^2 /NDF: 11.3/8

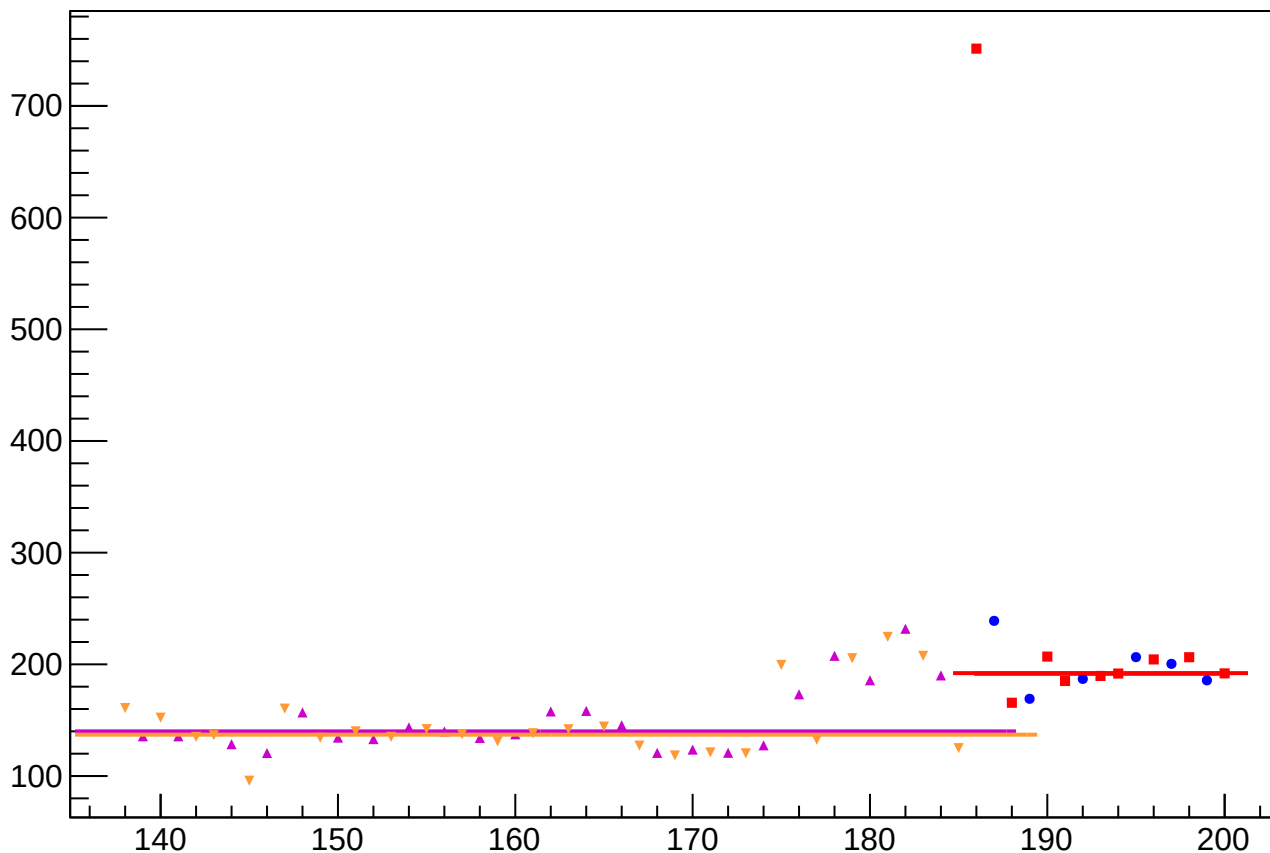
Left In: -260.749 $\pm$ 33.988 χ^2 /NDF:28.5/22

+ sign 226.396 $\pm$ 31.195 χ^2 /NDF: 28.7/30

All: 9.720 $\pm$ 22.121 χ^2 /NDF: 180.9/62

- sign -209.415 $\pm$ 31.372 χ^2 /NDF: 55.1/31

dit_asym_sam_48_dd_rms vs Slug



Right In: 191.683 $\pm$ 0.073 χ^2 /NDF: 41666.2/5

Left Out: 137.036 $\pm$ 0.023 χ^2 /NDF:1200381.2/24

Right Out: 192.121 $\pm$ 0.058 χ^2 /NDF: 469739.2/8

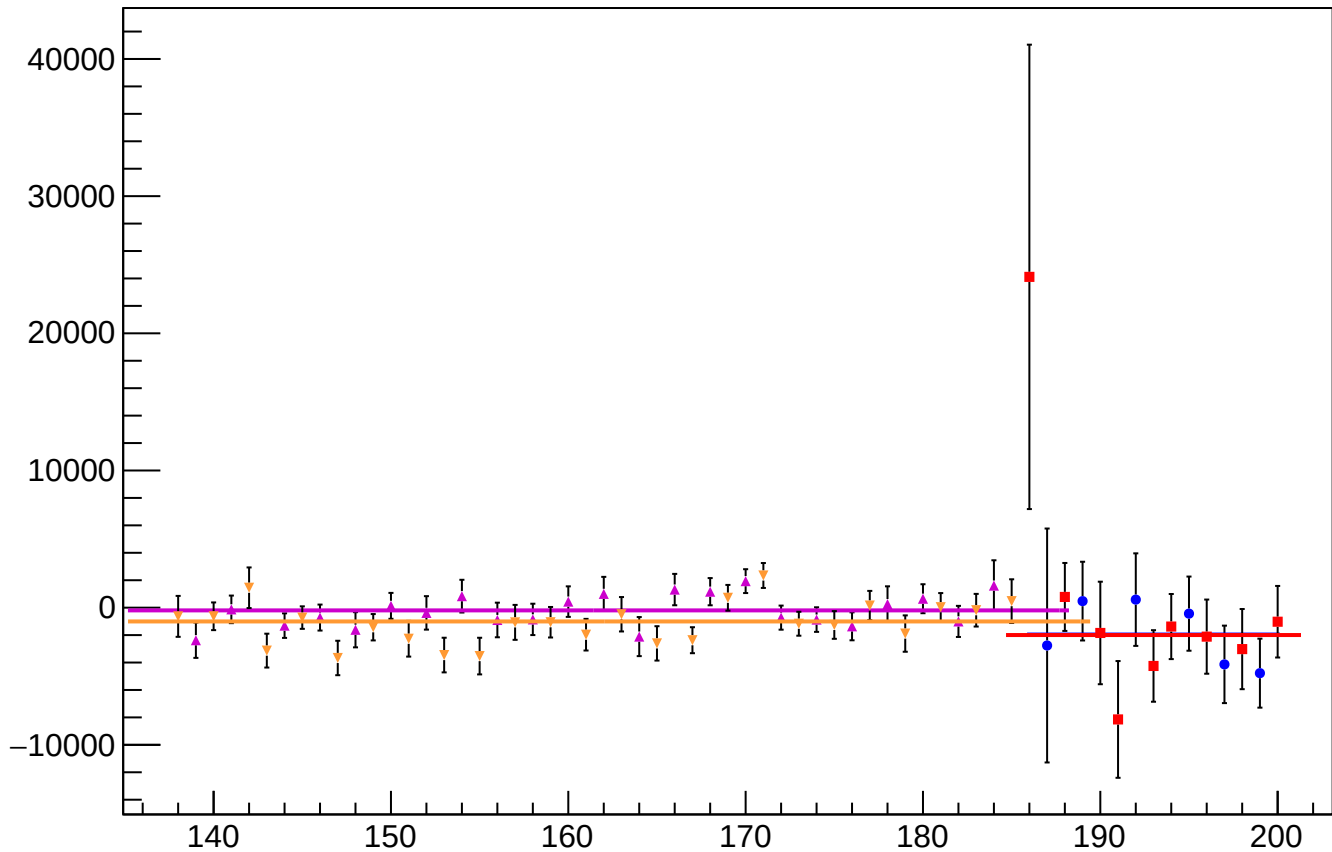
Left In: 139.966 $\pm$ 0.024 χ^2 /NDF:838127.9/22

+ sign 142.066 $\pm$ 0.022 χ^2 /NDF: 1754971.7/30

All: 144.860 $\pm$ 0.016 χ^2 /NDF: 3792218.7/62

- sign 147.686 $\pm$ 0.022 χ^2 /NDF: 2004969.9/31

asym_sam_48_dd_correction_mean vs Slug



Right In: -1959.999 ± 1246.708 $\chi^2/\text{NDF}: 3.5/5$

Left Out: -1004.364 ± 222.387 $\chi^2/\text{NDF}: 44.7/24$

Right Out: -1995.690 ± 990.715 $\chi^2/\text{NDF}: 6.8/8$

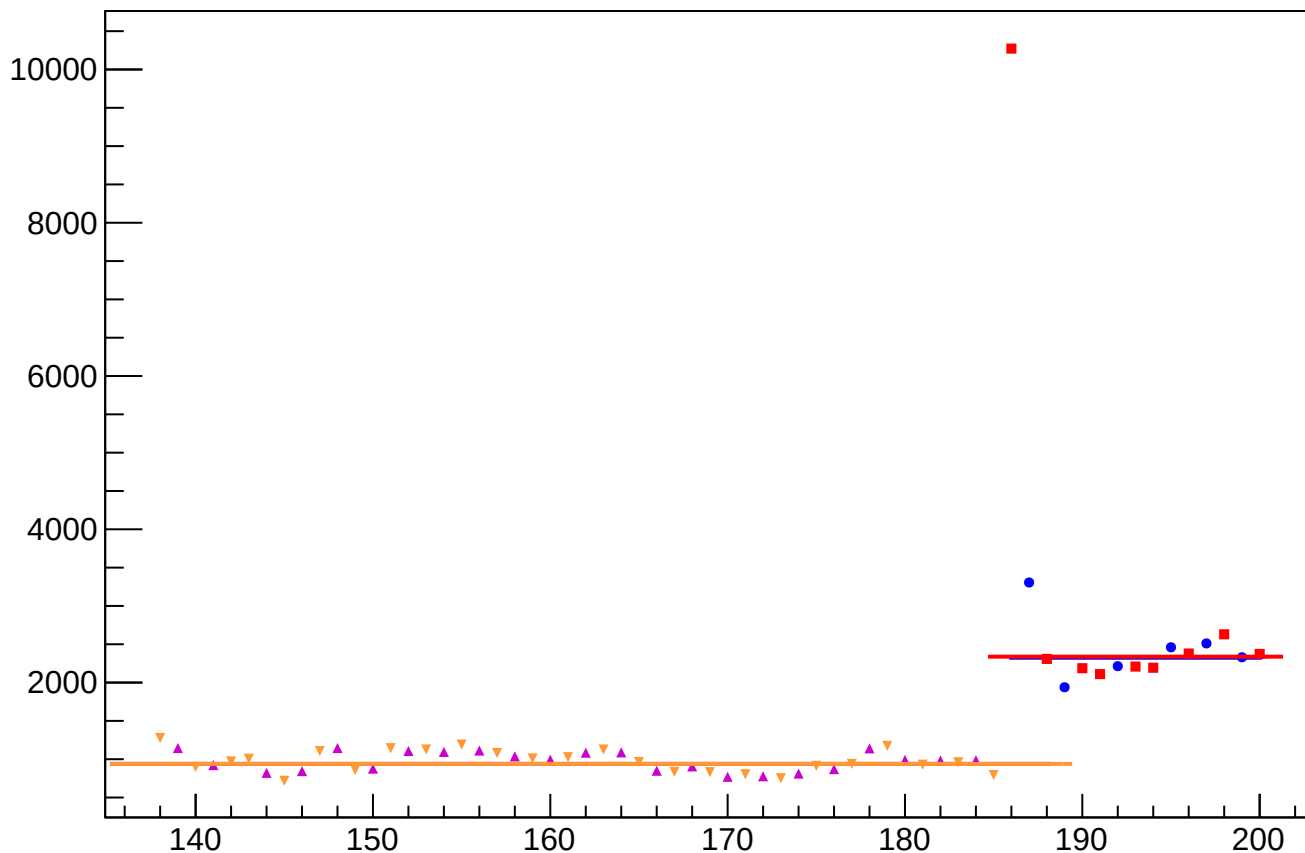
Left In: -198.654 ± 225.997 $\chi^2/\text{NDF}: 24.6/22$

+ sign -1033.834 ± 218.931 $\chi^2/\text{NDF}: 48.7/30$

All: -663.076 ± 155.303 $\chi^2/\text{NDF}: 89.0/62$

- sign -287.541 ± 220.337 $\chi^2/\text{NDF}: 34.6/31$

asym_sam_48_dd_correction_rms vs Slug



Right In: 2324.198 $\pm$ 0.882 χ^2 /NDF: 78563.0/5

Left Out: 938.988 $\pm$ 0.157 χ^2 /NDF: 828400.0/24

Right Out: 2337.931 $\pm$ 0.701 χ^2 /NDF: 481702.9/8

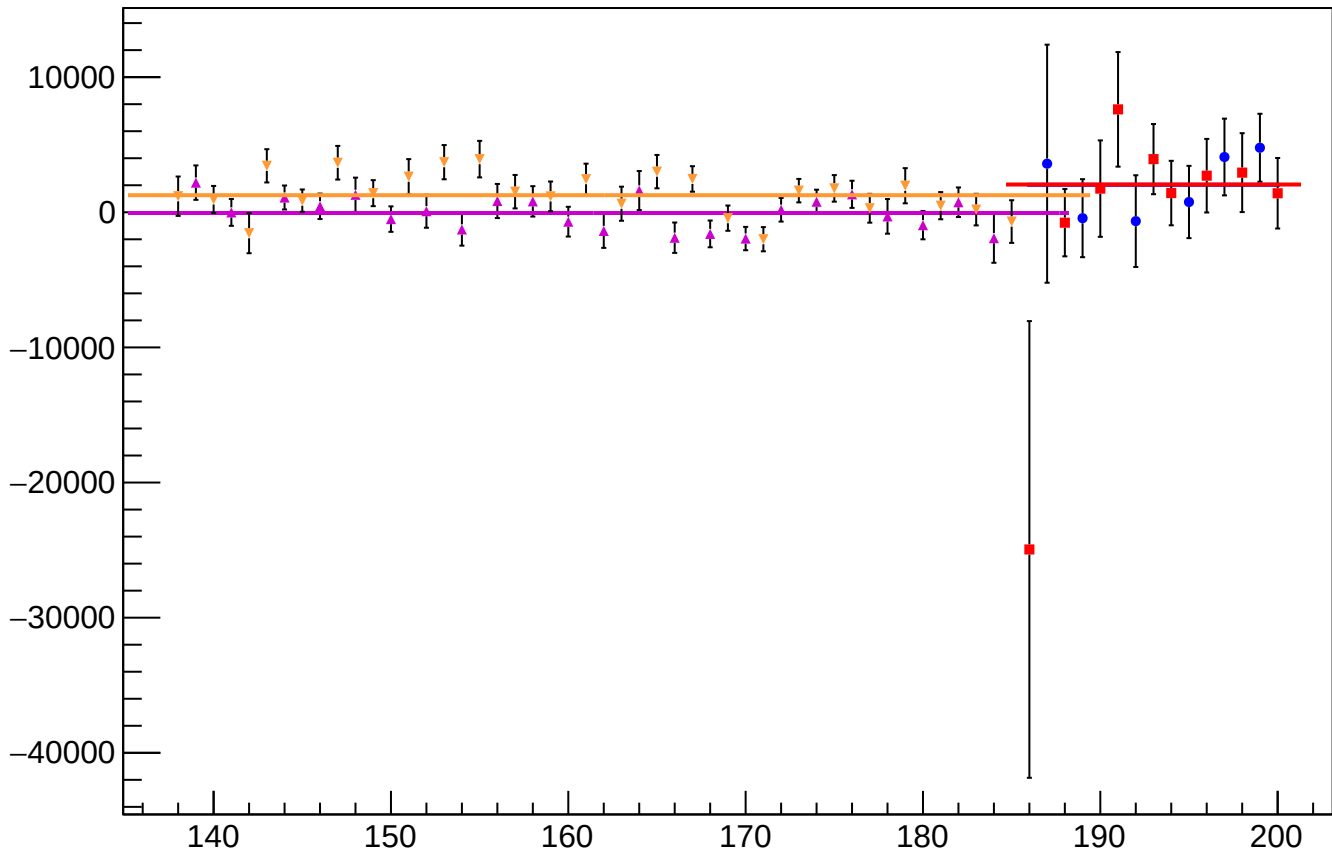
Left In: 938.755 $\pm$ 0.160 χ^2 /NDF: 611419.0/22

+ sign 981.706 $\pm$ 0.155 χ^2 /NDF: 3299883.8/30

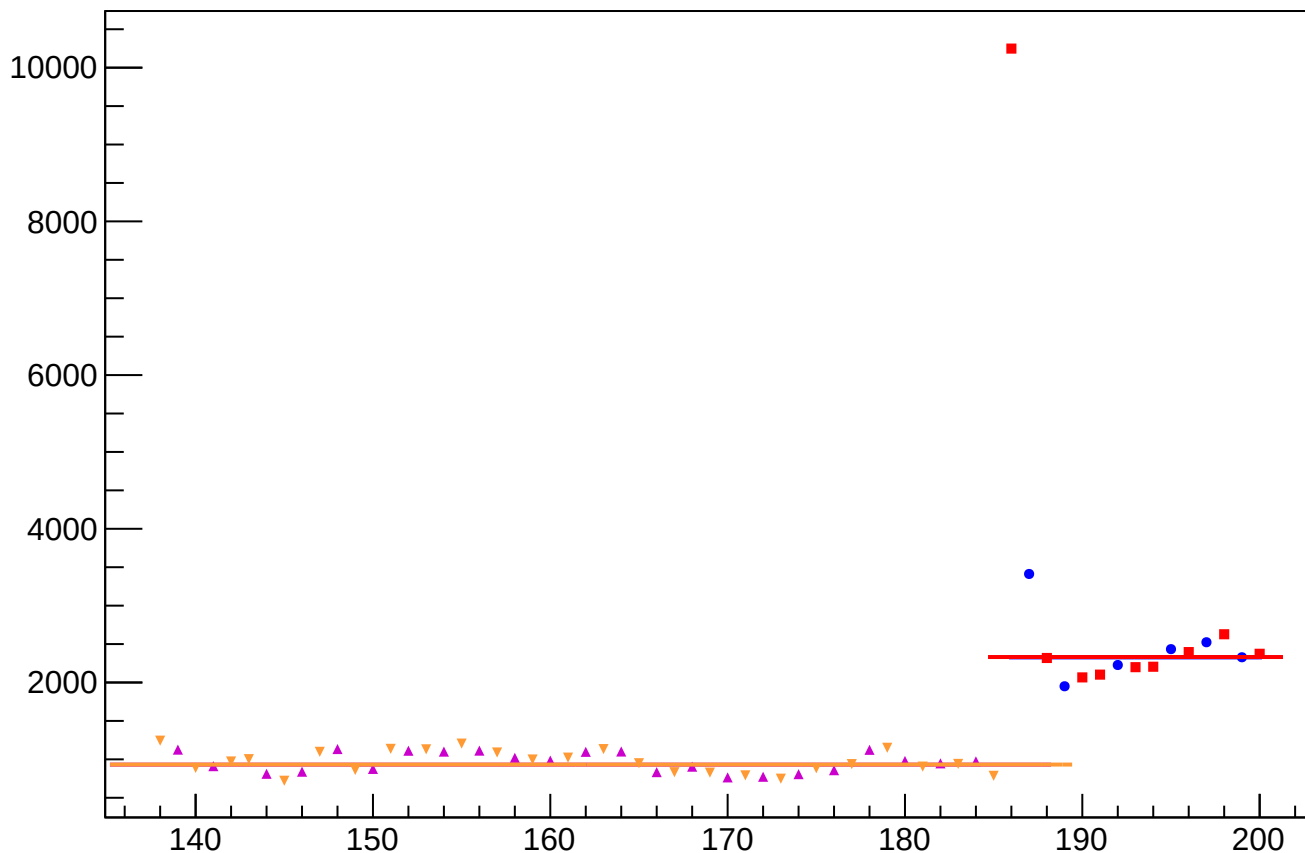
All: 994.750 $\pm$ 0.110 χ^2 /NDF: 8199108.0/62

- sign 1007.962 $\pm$ 0.156 χ^2 /NDF: 4884932.8/31

asym_sam_48_dd_mean vs Slug



asym_sam_48_dd_rms vs Slug



Right In: 2326.715 $\pm$ 0.883 χ^2 /NDF: 78805.2/5

Left Out: 932.170 $\pm$ 0.156 χ^2 /NDF: 828733.8/24

Right Out: 2331.415 $\pm$ 0.699 χ^2 /NDF: 488961.7/8

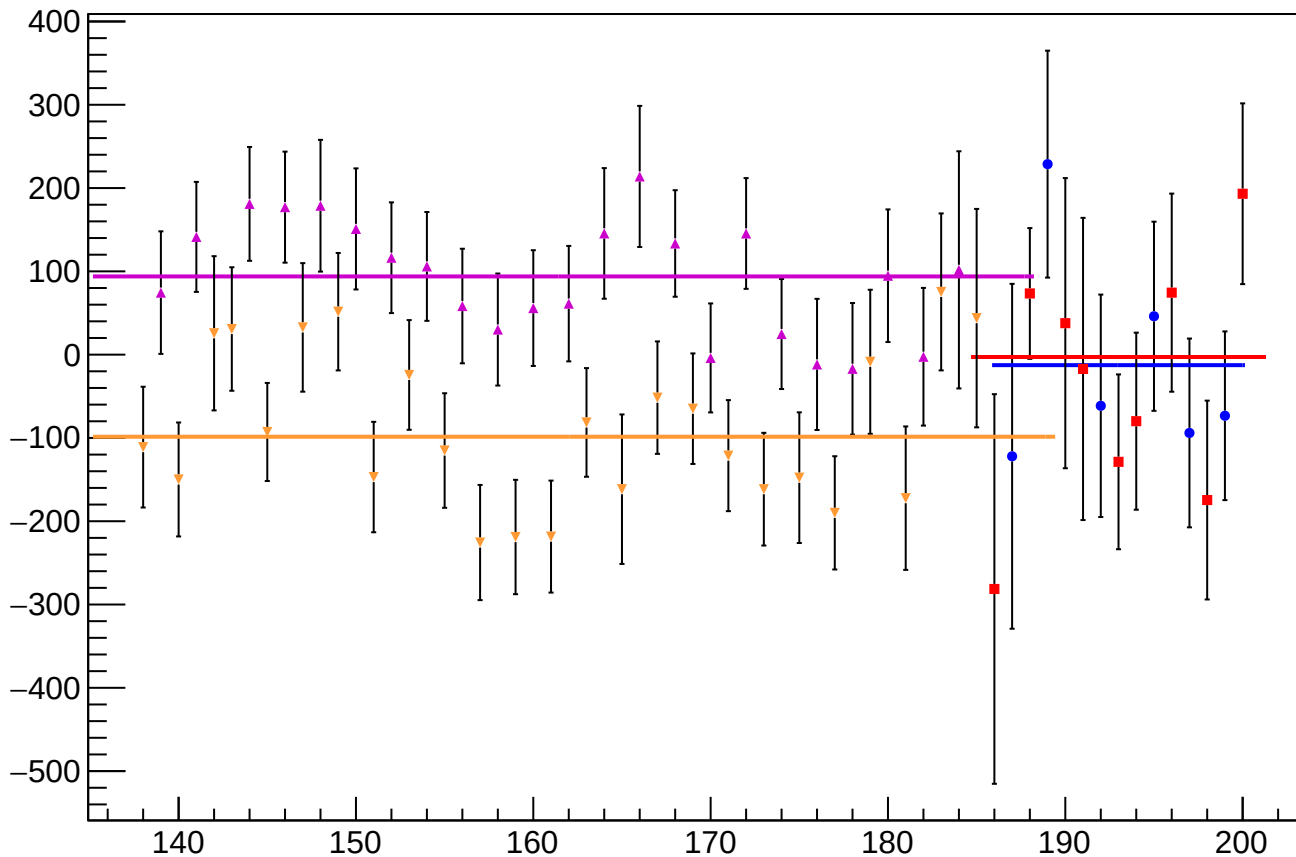
Left In: 930.854 $\pm$ 0.159 χ^2 /NDF: 621985.5/22

+ sign 974.421 $\pm$ 0.154 χ^2 /NDF: 3328465.2/30

All: 986.821 $\pm$ 0.109 χ^2 /NDF: 8266536.2/62

- sign 999.400 $\pm$ 0.155 χ^2 /NDF: 4924945.8/31

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -12.611 ± 50.884 χ^2/NDF : 4.7/5

Left Out: -98.557 ± 14.525 χ^2/NDF : 35.2/24

Right Out: -2.835 ± 39.250 χ^2/NDF : 10.1/8

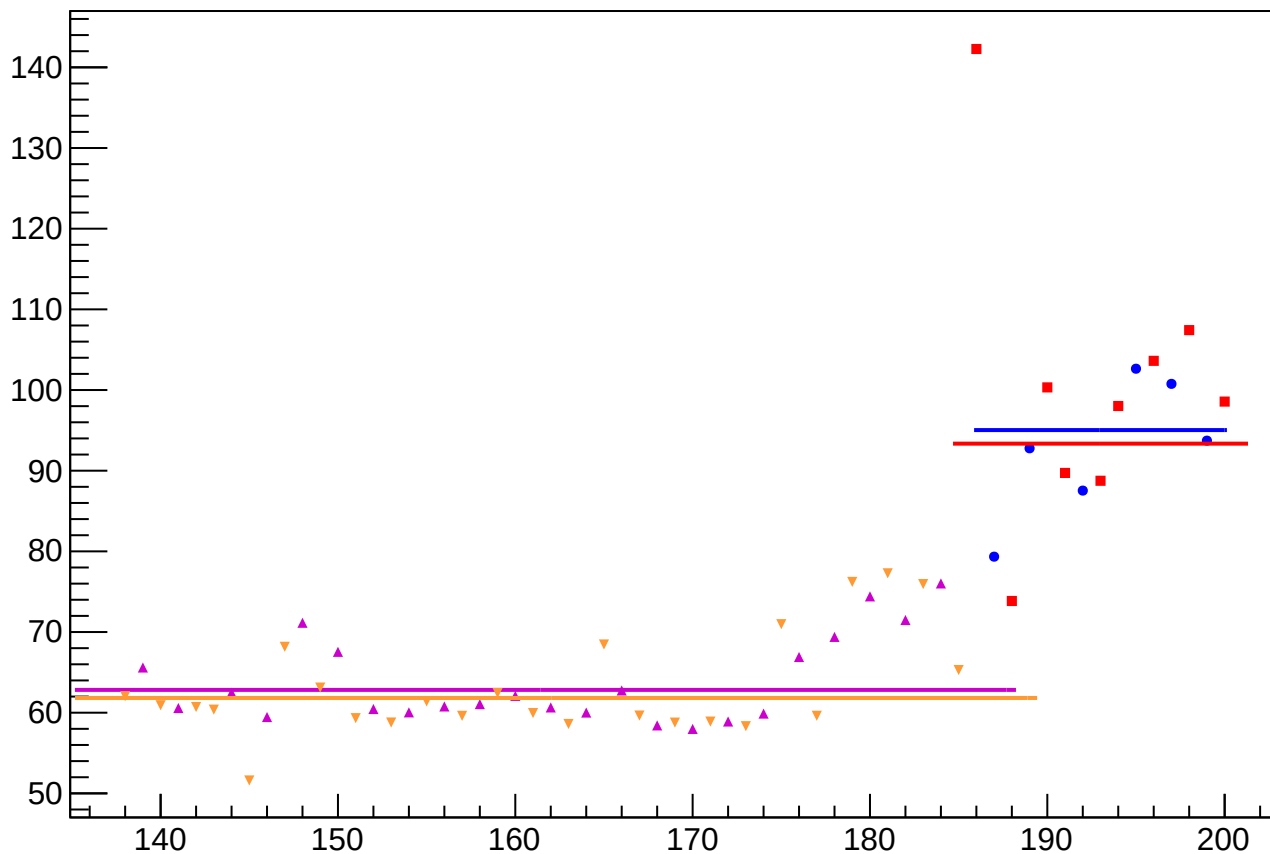
Left In: 93.899 ± 15.039 χ^2/NDF : 19.3/22

+ sign -92.082 ± 13.967 χ^2/NDF : 42.6/30

All: -5.756 ± 9.903 χ^2/NDF : 154.1/62

- sign 81.516 ± 14.043 χ^2/NDF : 34.7/31

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 95.034 $\pm$ 0.036 χ^2 /NDF: 32776.9/5

Left Out: 61.827 $\pm$ 0.010 χ^2 /NDF: 313572.8/24

Right Out: 93.353 $\pm$ 0.028 χ^2 /NDF: 270019.8/8

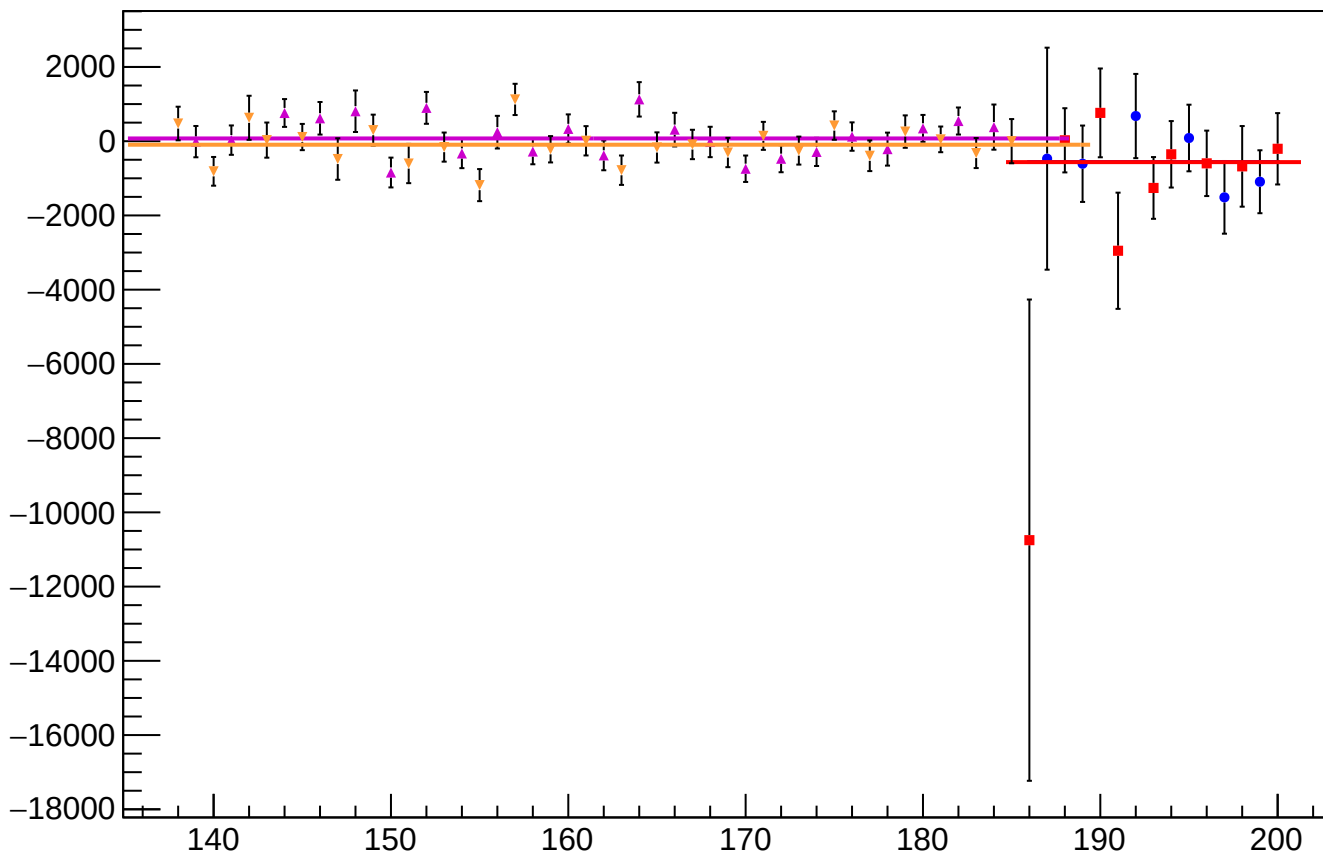
Left In: 62.827 $\pm$ 0.011 χ^2 /NDF: 187007.2/22

+ sign 64.329 $\pm$ 0.010 χ^2 /NDF: 1133939.3/30

All: 65.525 $\pm$ 0.007 χ^2 /NDF: 2675350.0/62

- sign 66.735 $\pm$ 0.010 χ^2 /NDF: 1511894.4/31

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -560.922 ± 426.083 χ^2/NDF : 3.1/5

Left Out: -94.907 ± 82.850 χ^2/NDF : 31.6/24

Right Out: -563.422 ± 345.498 χ^2/NDF : 7.4/8

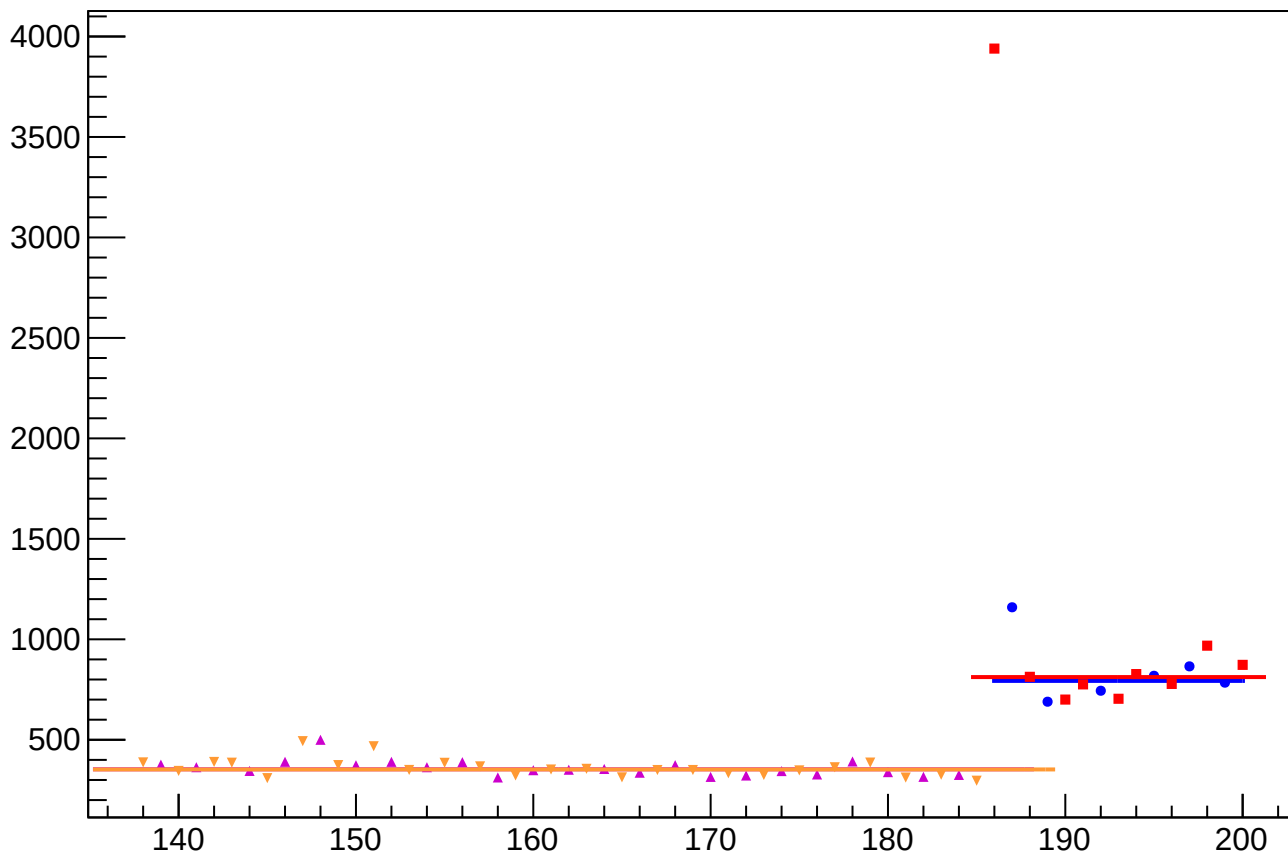
Left In: 73.914 ± 84.652 χ^2/NDF : 36.4/22

+ sign -111.884 ± 81.326 χ^2/NDF : 35.8/30

All: -37.850 ± 57.820 χ^2/NDF : 84.4/62

- sign 37.820 ± 82.220 χ^2/NDF : 47.0/31

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 793.076 $\pm$ 0.301 χ^2 /NDF: 66739.9/5

Left Out: 352.403 $\pm$ 0.059 χ^2 /NDF: 418506.2/24

Right Out: 812.089 $\pm$ 0.244 χ^2 /NDF: 570683.9/8

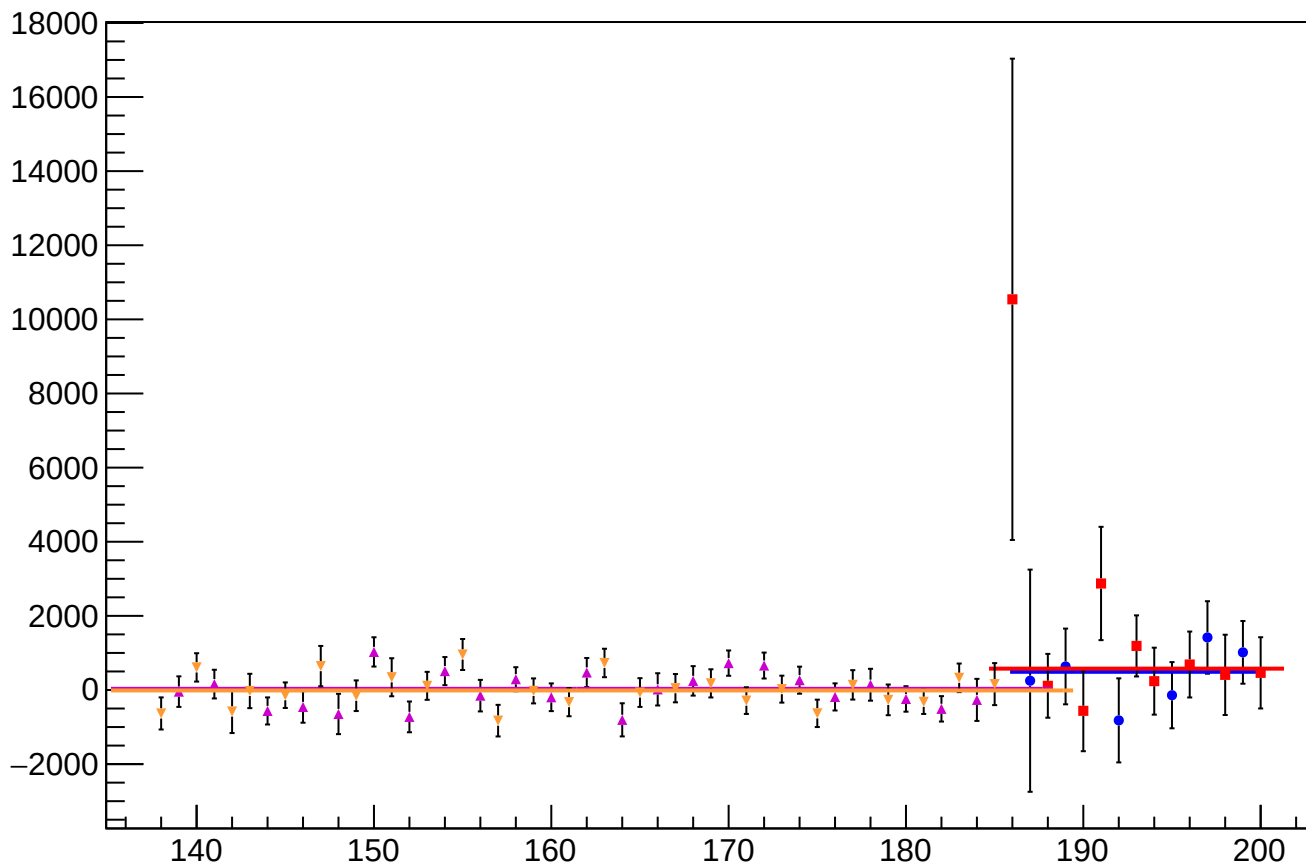
Left In: 353.197 $\pm$ 0.060 χ^2 /NDF: 321761.0/22

+ sign 368.457 $\pm$ 0.058 χ^2 /NDF: 2546618.1/30

All: 373.762 $\pm$ 0.041 χ^2 /NDF: 6784721.6/62

- sign 379.185 $\pm$ 0.058 χ^2 /NDF: 4220891.4/31

asym_sam_13_57_dd_mean vs Slug



Right In: 491.324 $\pm$ 424.678 χ^2 /NDF: 3.1/5

Left Out: -12.545 $\pm$ 79.984 χ^2 /NDF:27.3/24

Right Out: 576.136 $\pm$ 342.221 χ^2 /NDF: 6.7/8

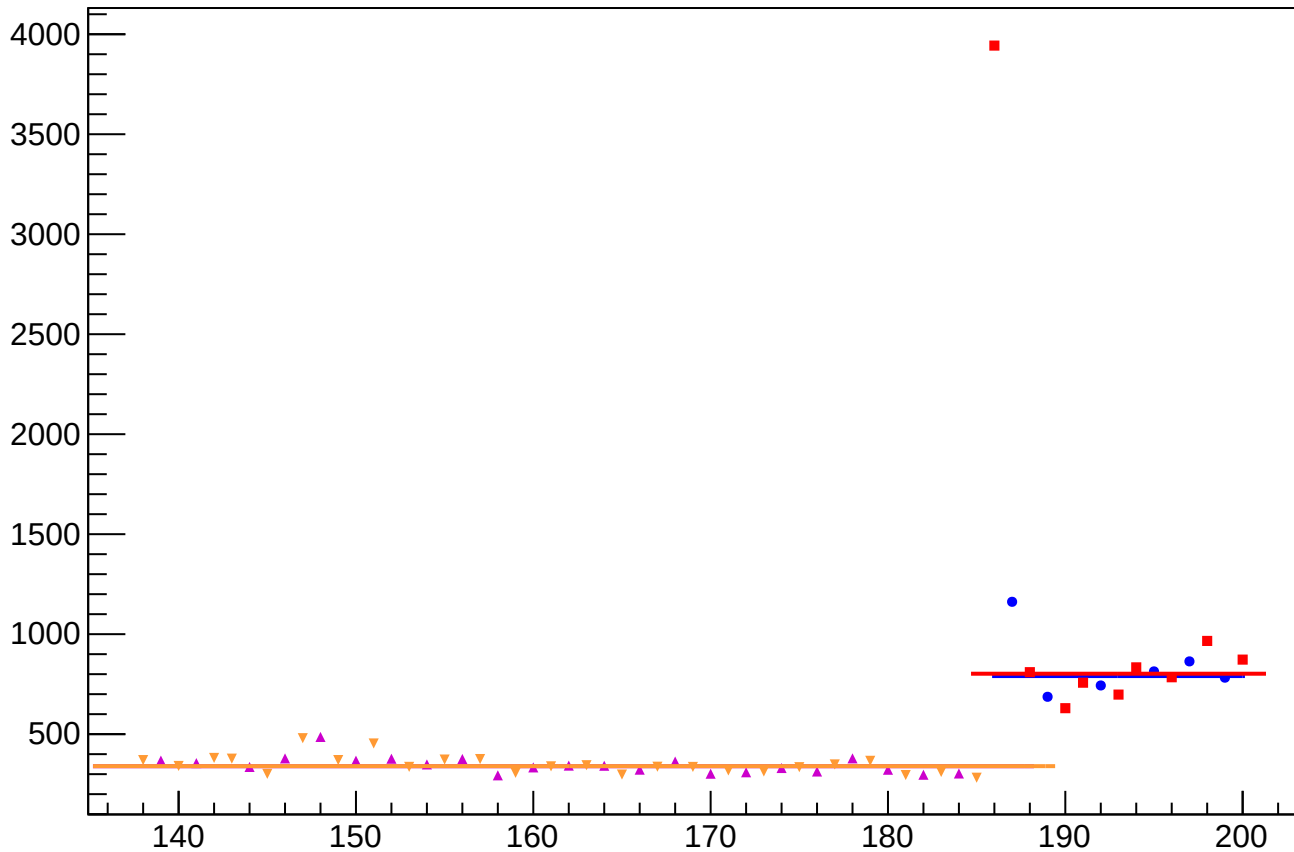
Left In: 31.531 $\pm$ 81.476 χ^2 /NDF:34.8/22

+ sign 4.716 $\pm$ 78.602 χ^2 /NDF: 31.9/30

All: 32.497 $\pm$ 55.811 χ^2 /NDF: 76.0/62

- sign 60.745 $\pm$ 79.261 χ^2 /NDF: 43.9/31

asym_sam_13_57_dd_rms vs Slug



Right In: 790.554+/-0.300 χ^2/NDF : 67545.7/5

Left Out: 340.018+/-0.057 χ^2/NDF : 465345.1/24

Right Out: 802.236+/-0.242 χ^2/NDF : 611839.3/8

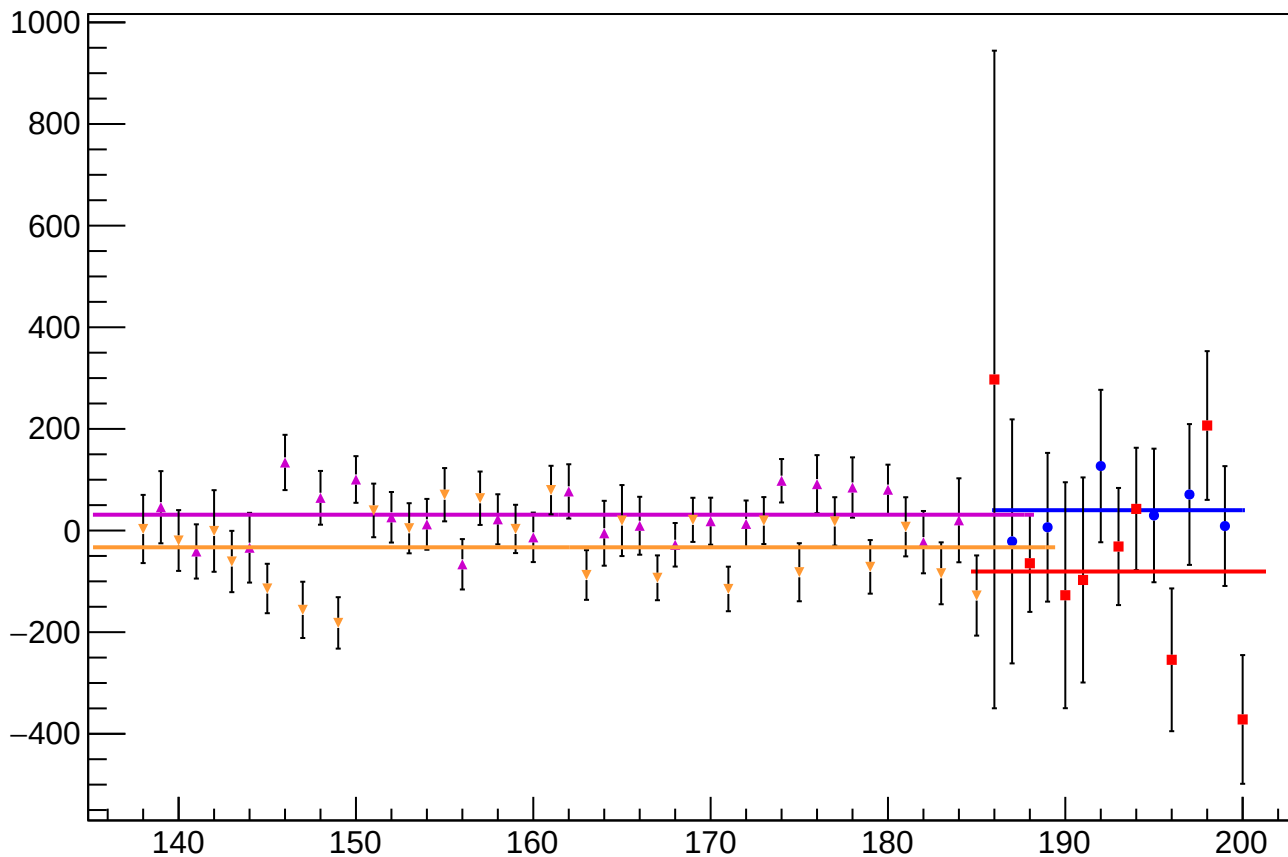
Left In: 339.571+/-0.058 χ^2/NDF : 377816.0/22

+ sign 355.452+/-0.056 χ^2/NDF : 2706743.1/30

All: 359.883+/-0.039 χ^2/NDF : 7168664.3/62

- sign 364.389+/-0.056 χ^2/NDF : 4449102.4/31

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 40.023 ± 58.678 χ^2/NDF : 0.6/5

Left Out: -32.964 ± 10.578 χ^2/NDF : 48.0/24

Right Out: -80.635 ± 46.607 χ^2/NDF : 12.3/8

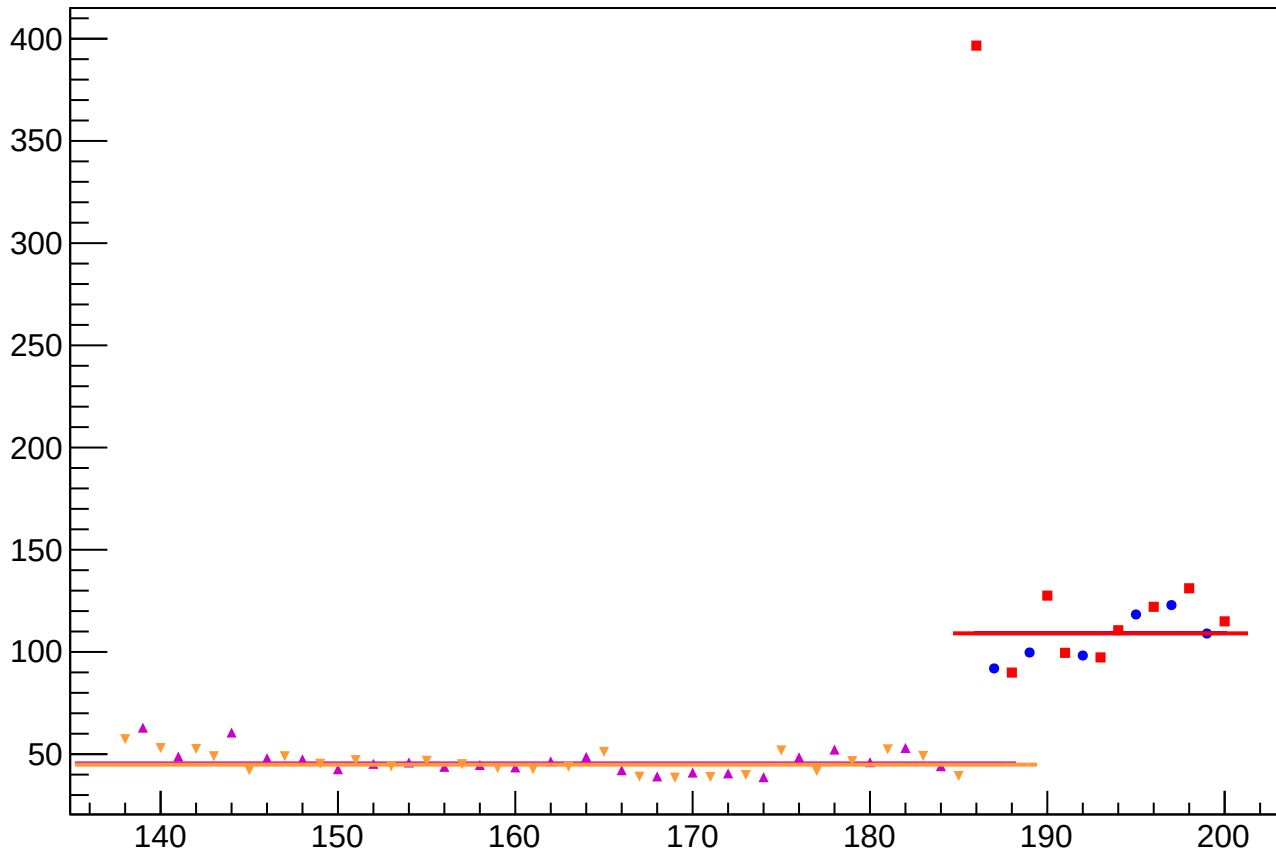
Left In: 31.144 ± 10.958 χ^2/NDF : 23.4/22

+ sign -30.667 ± 10.410 χ^2/NDF : 50.1/30

All: -3.371 ± 7.450 χ^2/NDF : 105.4/62

- sign 25.289 ± 10.667 χ^2/NDF : 41.2/31

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 109.216 $\pm$ 0.041 χ^2 /NDF: 58676.5/5

Left Out: 44.862 $\pm$ 0.007 χ^2 /NDF: 415524.3/24

Right Out: 109.109 $\pm$ 0.033 χ^2 /NDF: 581626.0/8

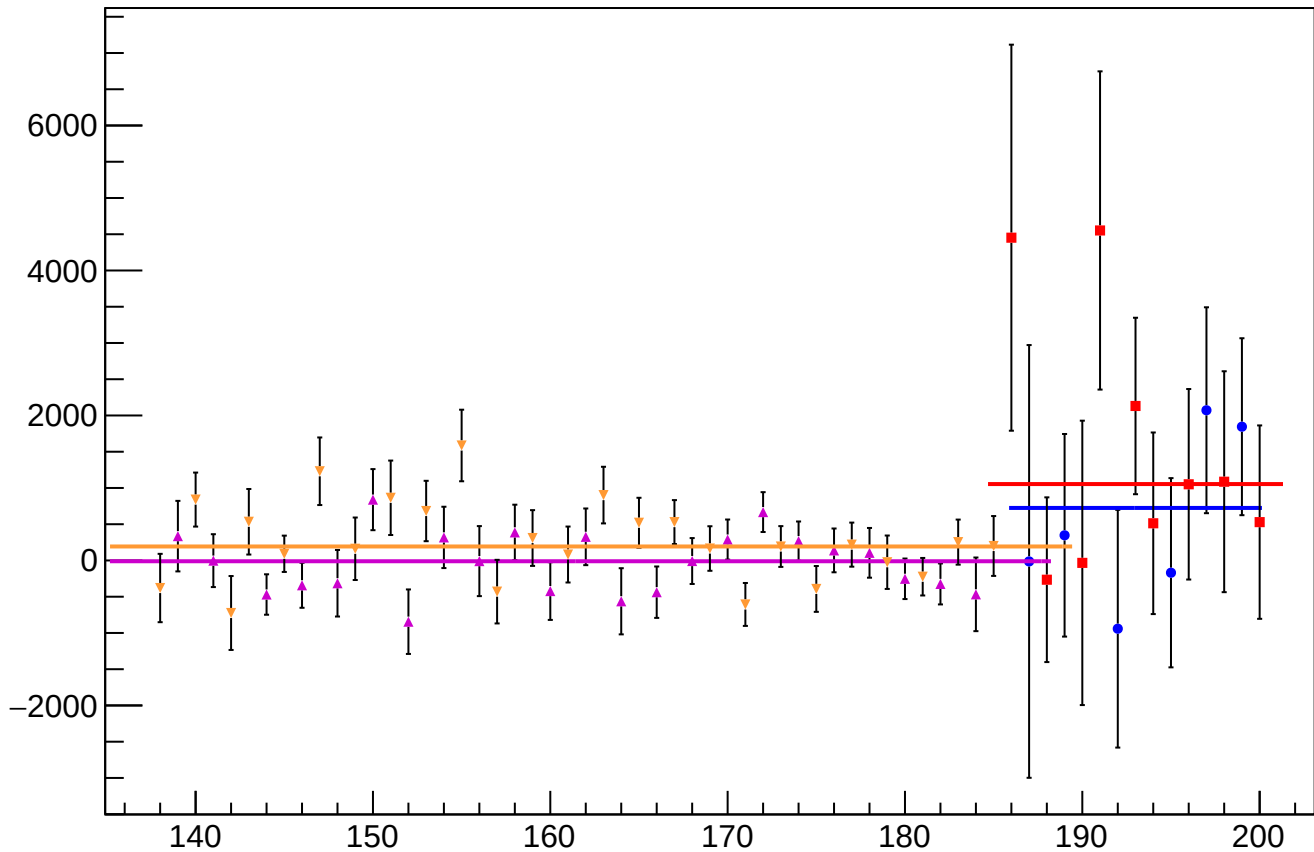
Left In: 45.465 $\pm$ 0.008 χ^2 /NDF: 457021.7/22

+ sign 46.887 $\pm$ 0.007 χ^2 /NDF: 2804096.0/30

All: 47.820 $\pm$ 0.005 χ^2 /NDF: 7409740.4/62

- sign 48.799 $\pm$ 0.008 χ^2 /NDF: 4572753.0/31

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 724.643 $\pm$ 602.957 χ^2 /NDF: 3.4/5

Left Out: 192.946 $\pm$ 70.968 χ^2 /NDF:45.8/24

Right Out: 1053.908 $\pm$ 484.062 χ^2 /NDF: 7.0/8

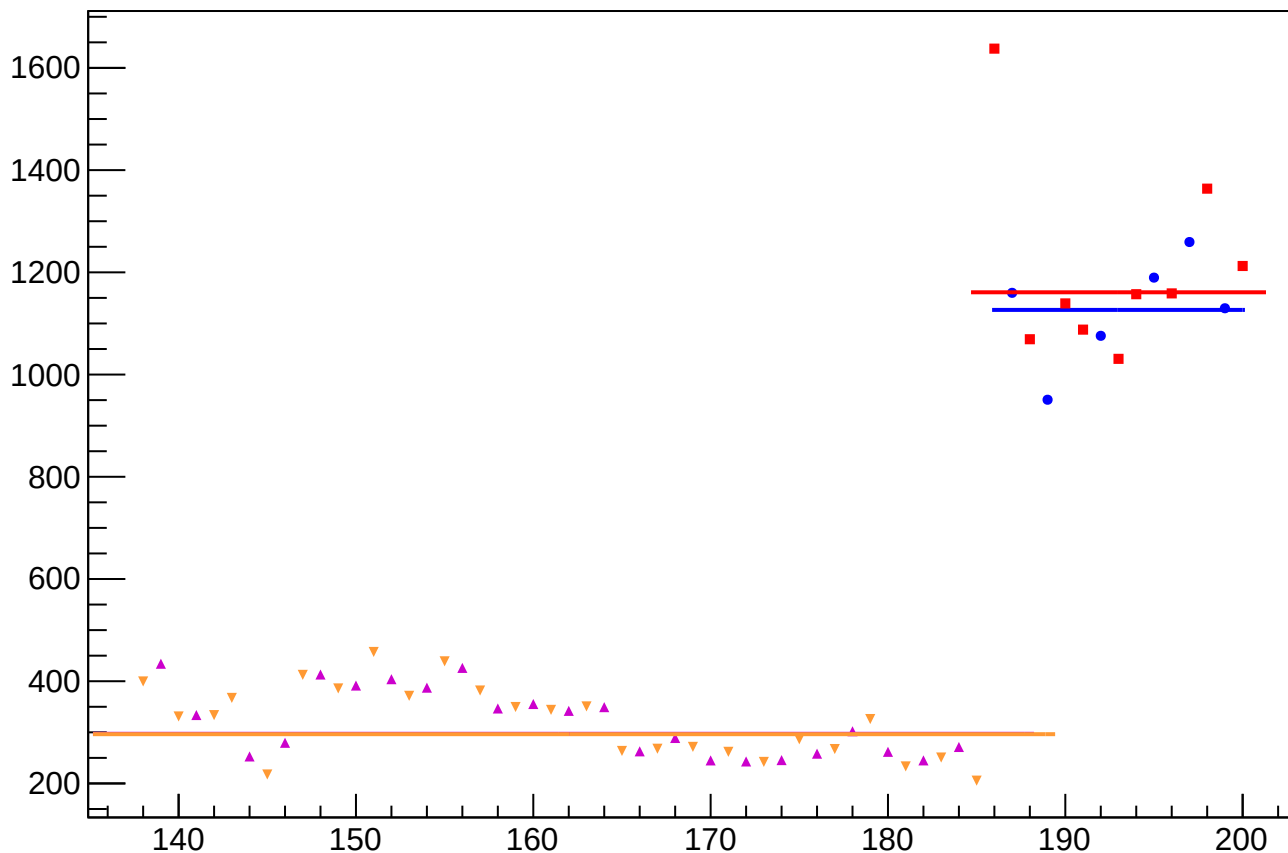
Left In: -10.801 $\pm$ 72.300 χ^2 /NDF:30.2/22

+ sign 200.211 $\pm$ 70.482 χ^2 /NDF: 50.0/30

All: 107.678 $\pm$ 50.197 χ^2 /NDF: 95.4/62

- sign 12.433 $\pm$ 71.507 χ^2 /NDF: 41.9/31

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 1126.503+/-0.426 χ^2/NDF : 55995.7/5

Left Out: 296.383+/-0.050 χ^2/NDF : 1635498.4/24

Right Out: 1160.973+/-0.342 χ^2/NDF : 140962.7/8

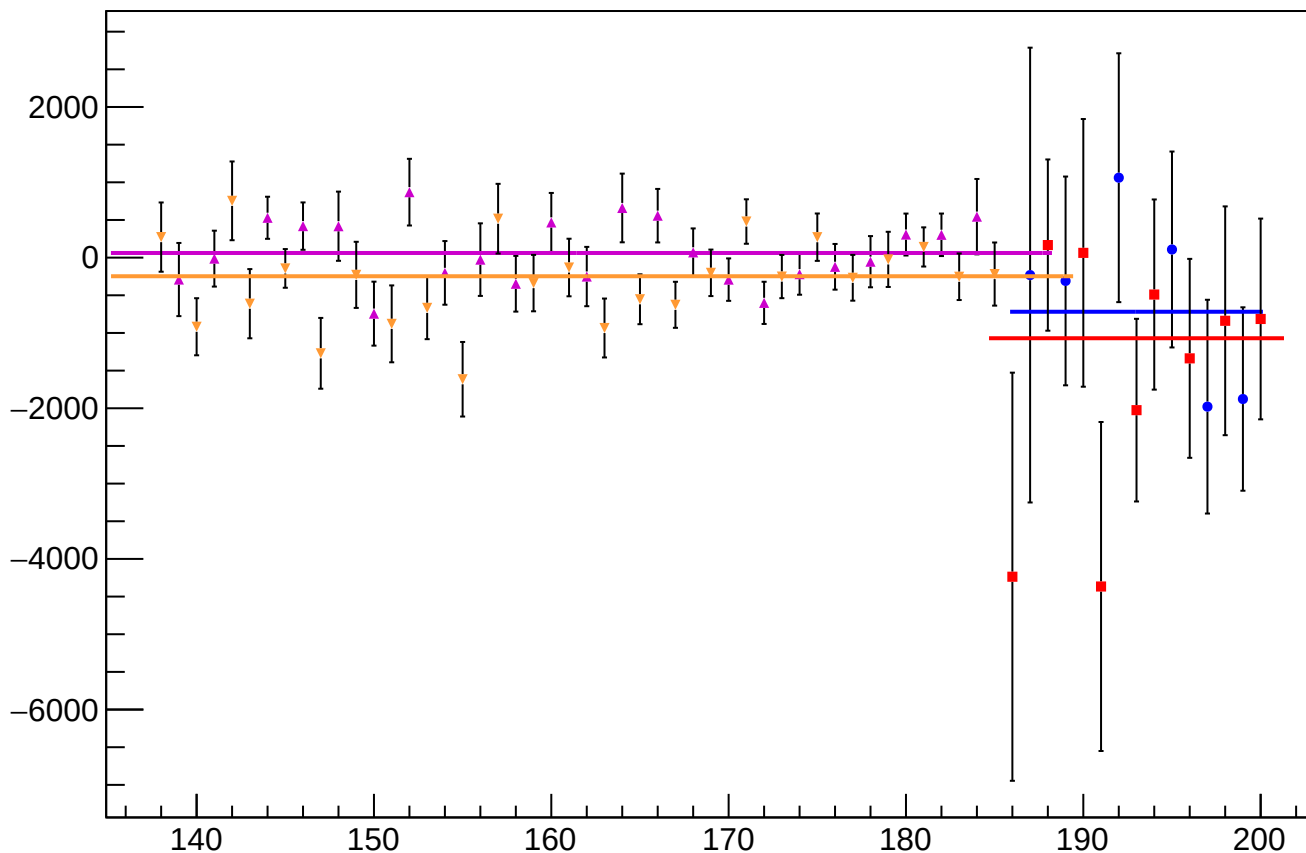
Left In: 297.137+/-0.051 χ^2/NDF : 1320750.3/22

+ sign 307.726+/-0.050 χ^2/NDF : 5430560.9/30

All: 311.797+/-0.035 χ^2/NDF : 13136121.0/62

- sign 315.988+/-0.051 χ^2/NDF : 7692018.7/31

asym_sam_15_37_dd_mean vs Slug



Right In: -718.520 ± 602.021 χ^2/NDF : 3.4/5

Left Out: -247.108 ± 71.218 χ^2/NDF : 43.6/24

Right Out: -1070.222 ± 481.453 χ^2/NDF : 6.2/8

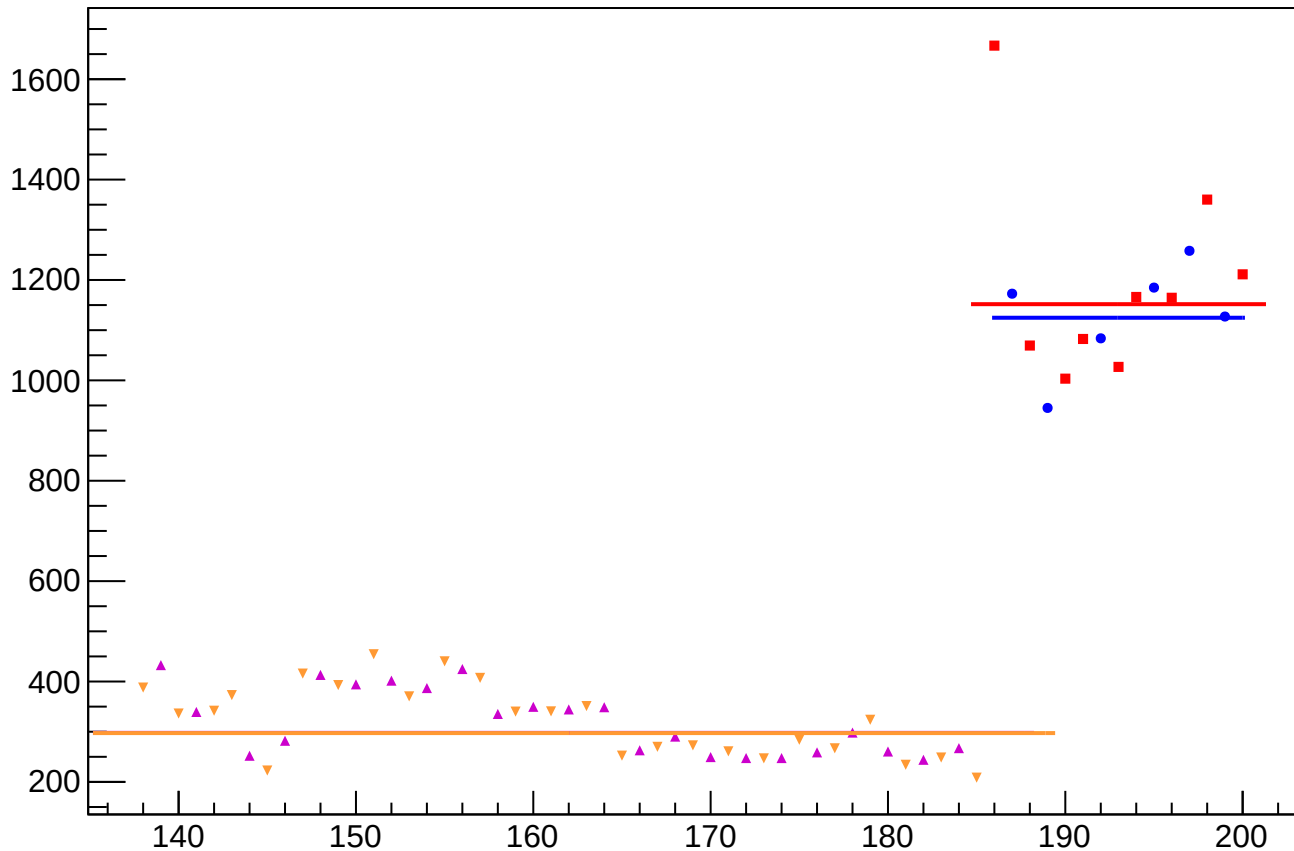
Left In: 61.707 ± 72.478 χ^2/NDF : 30.3/22

+ sign -253.614 ± 70.725 χ^2/NDF : 47.6/30

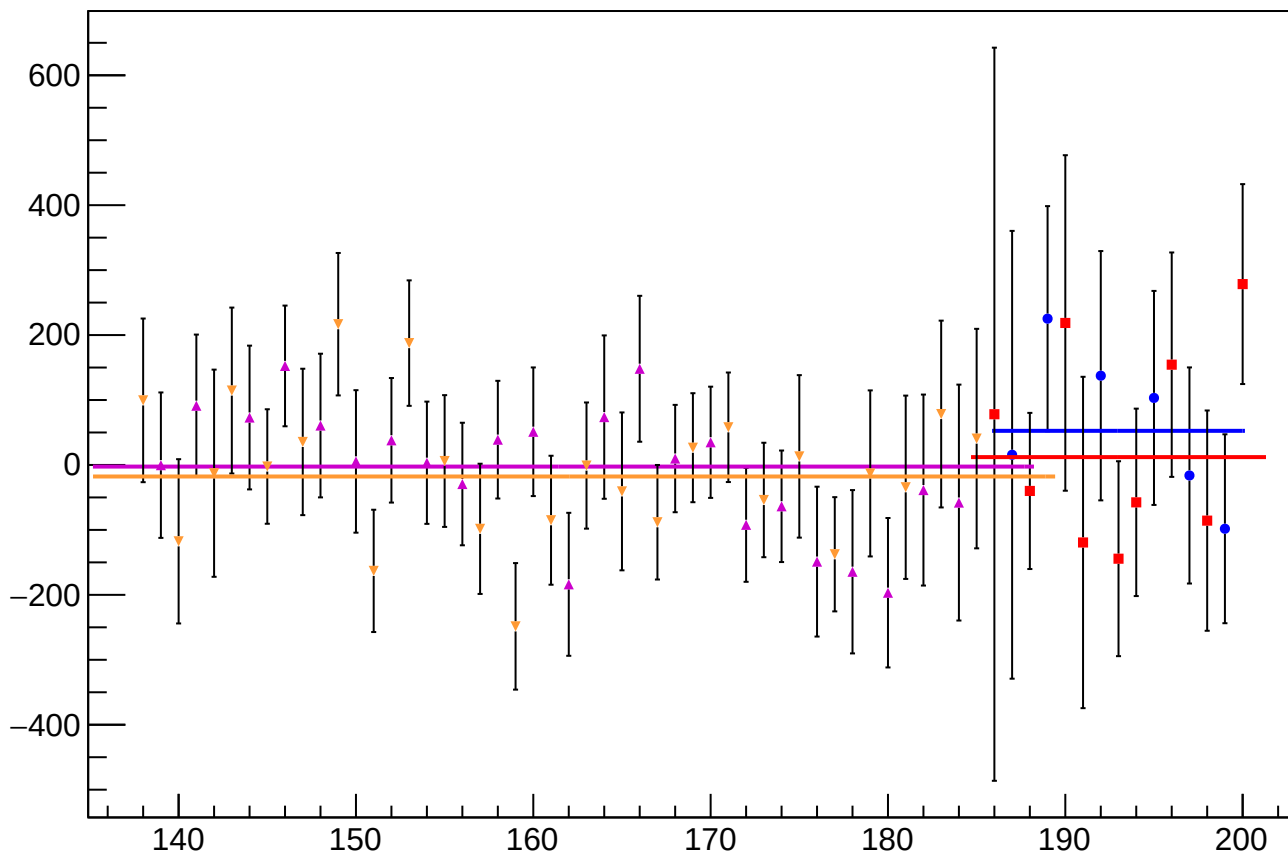
All: -110.422 ± 50.341 χ^2/NDF : 97.8/62

- sign 36.623 ± 71.670 χ^2/NDF : 41.9/31

asym_sam_15_37_dd_rms vs Slug



dit_asym_sam_24_68_dd_mean vs Slug



Right In: 52.541 ± 72.721 χ^2/NDF : 2.5/5

Left Out: -17.764 ± 21.121 χ^2/NDF : 25.5/24

Right Out: 12.082 ± 57.203 χ^2/NDF : 6.4/8

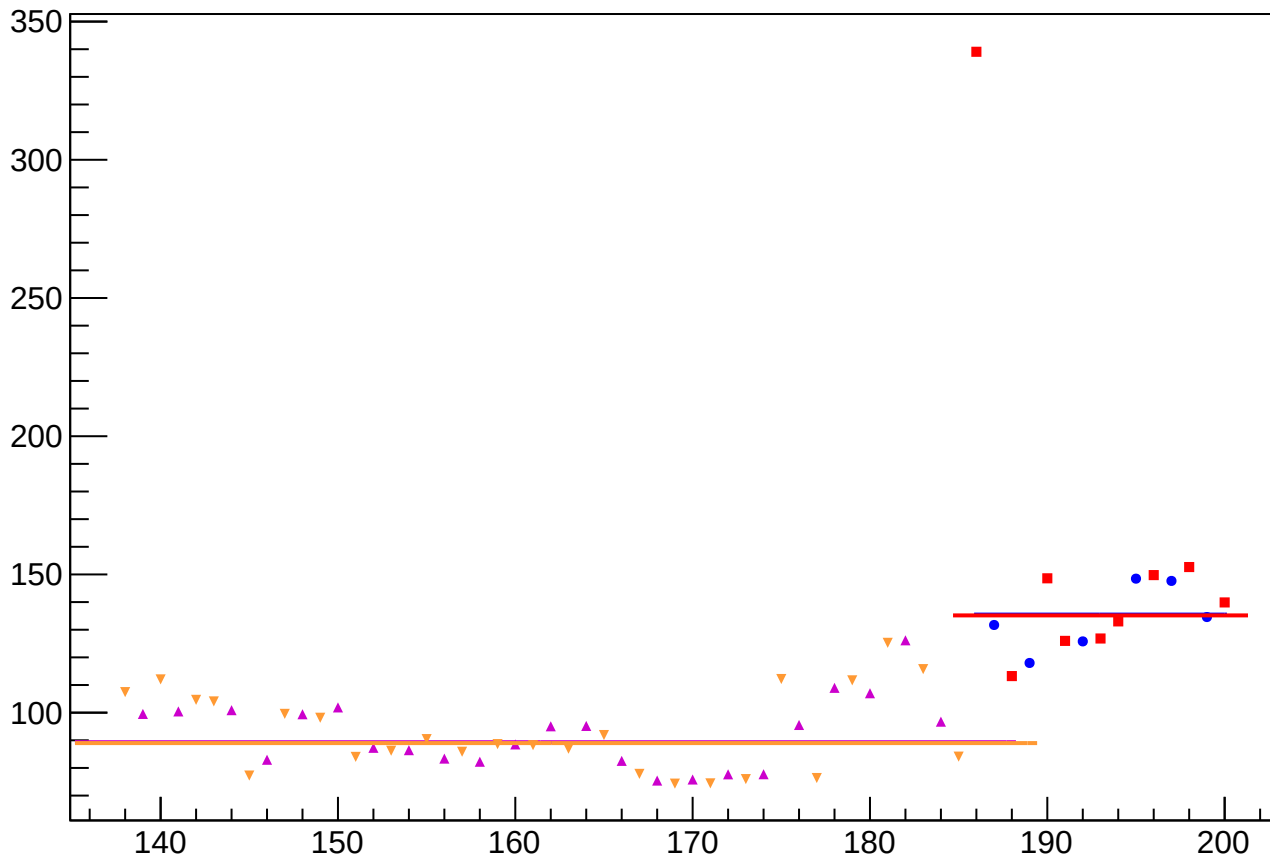
Left In: -2.505 ± 21.582 χ^2/NDF : 18.0/22

+ sign -12.295 ± 20.283 χ^2/NDF : 28.9/30

All: -6.465 ± 14.310 χ^2/NDF : 53.6/62

- sign -0.688 ± 20.193 χ^2/NDF : 24.5/31

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 135.475 $\pm$ 0.051 χ^2 /NDF: 48975.0/5

Left Out: 88.991 $\pm$ 0.015 χ^2 /NDF: 807471.2/24

Right Out: 135.183 $\pm$ 0.040 χ^2 /NDF: 379718.6/8

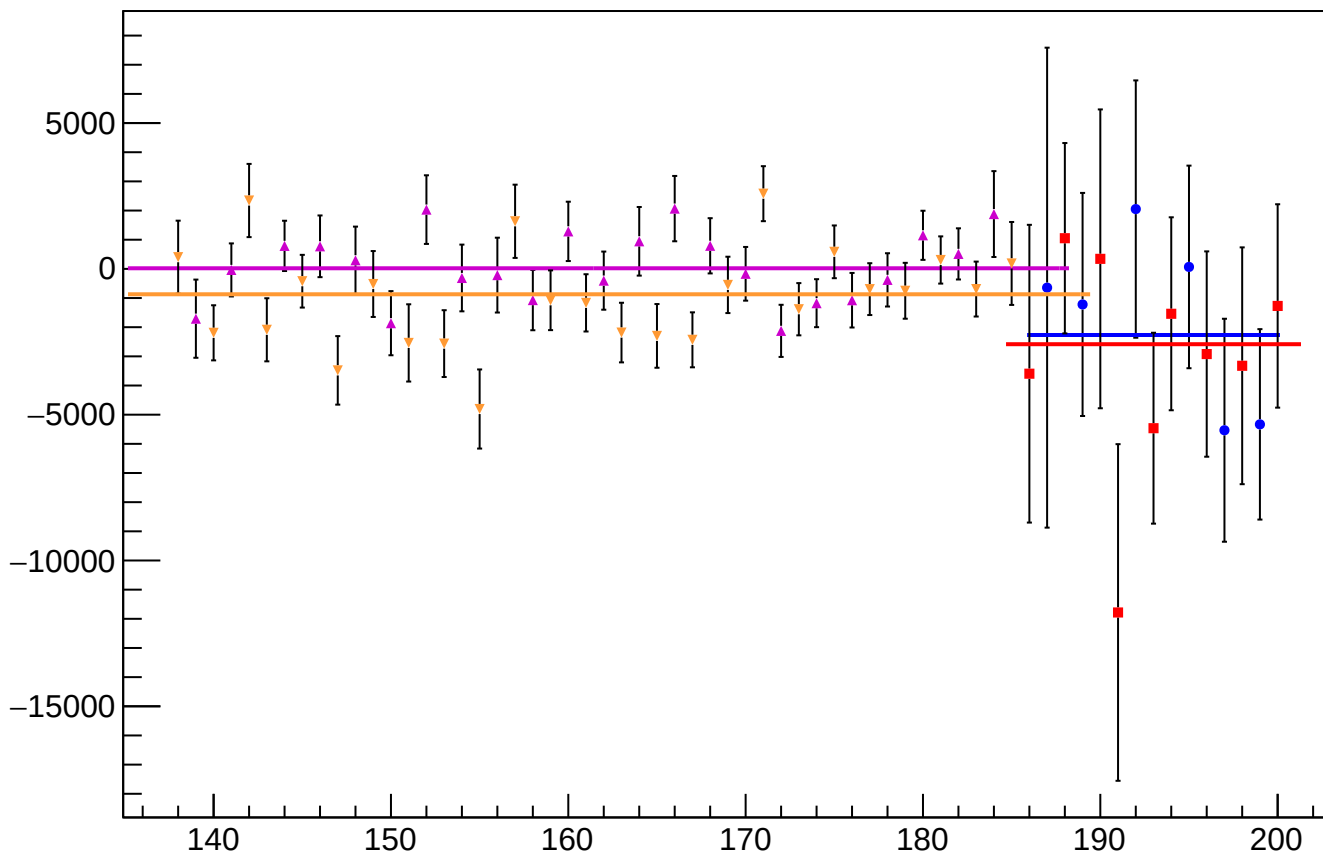
Left In: 89.321 $\pm$ 0.015 χ^2 /NDF: 560433.9/22

+ sign 92.607 $\pm$ 0.014 χ^2 /NDF: 1610072.4/30

All: 93.827 $\pm$ 0.010 χ^2 /NDF: 3690026.5/62

- sign 95.036 $\pm$ 0.014 χ^2 /NDF: 2065542.6/31

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -2267.477 ± 1623.121 χ^2/NDF : 3.1/5

Left Out: -871.061 ± 205.986 χ^2/NDF : 57.6/24

Right Out: -2583.284 ± 1281.838 χ^2/NDF : 5.2/8

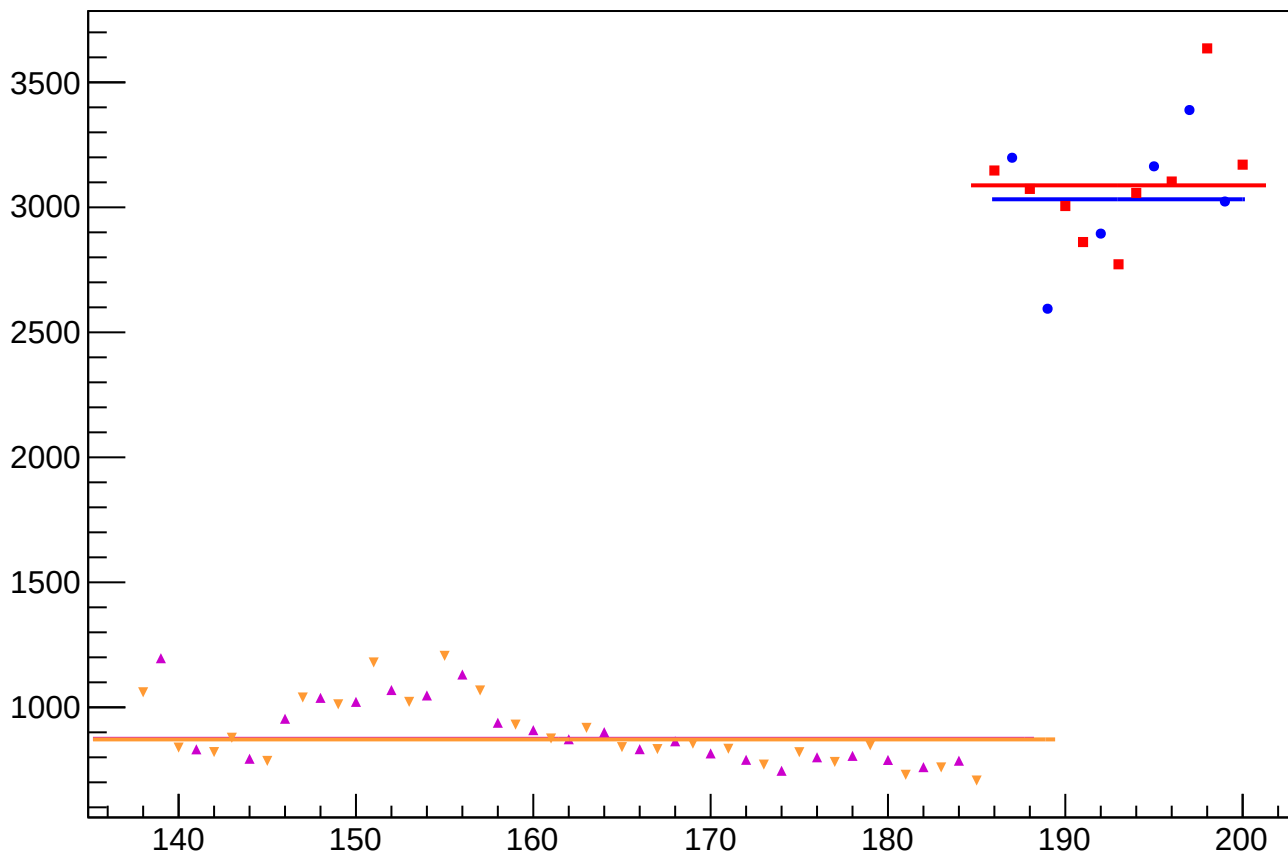
Left In: 20.573 ± 210.177 χ^2/NDF : 29.7/22

+ sign -893.194 ± 204.347 χ^2/NDF : 61.5/30

All: -476.680 ± 145.565 χ^2/NDF : 108.8/62

- sign -47.597 ± 207.407 χ^2/NDF : 38.9/31

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 3032.220+/-1.148 χ^2/NDF : 49290.6/5

Left Out: 871.690+/-0.146 χ^2/NDF : 642403.4/24

Right Out: 3087.970+/-0.906 χ^2/NDF : 60279.3/8

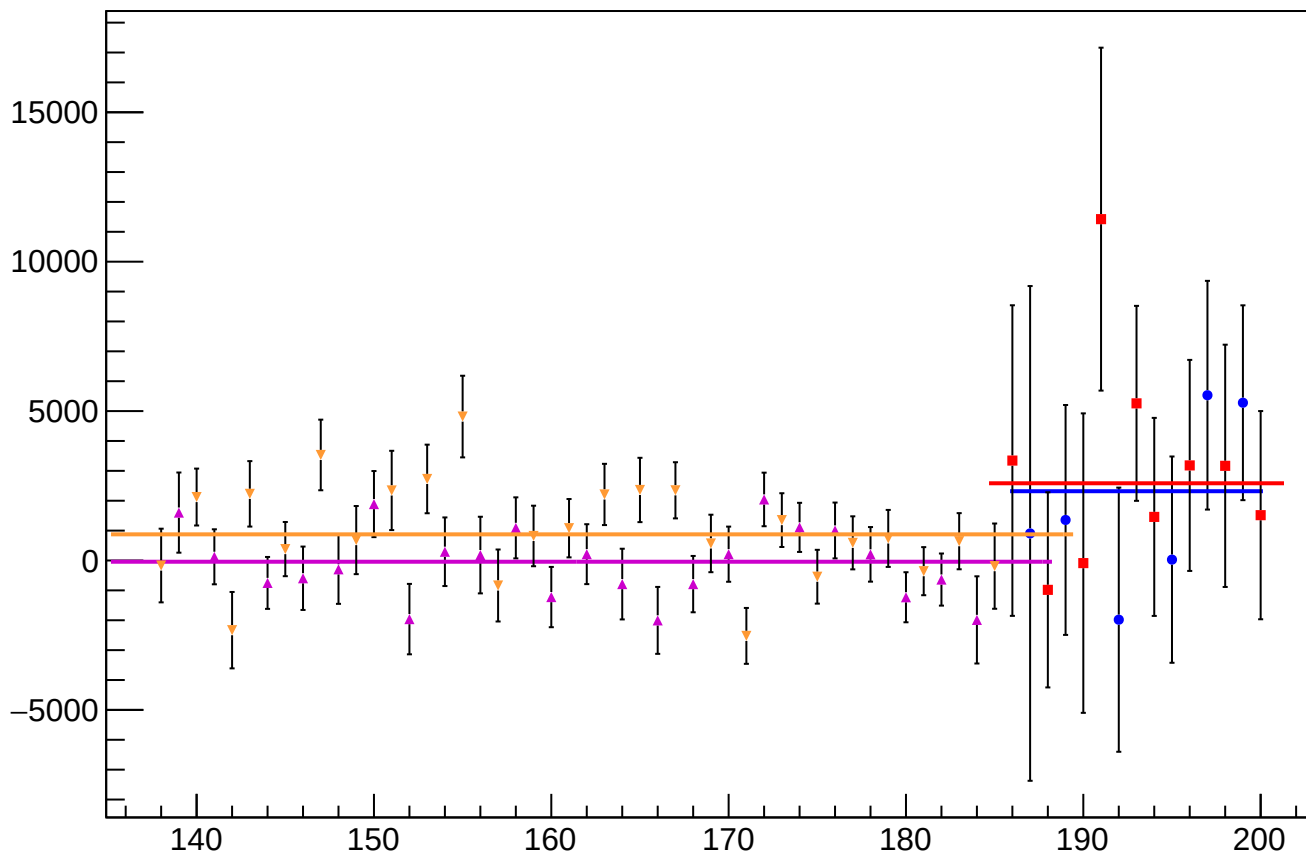
Left In: 874.055+/-0.149 χ^2/NDF : 578510.6/22

+ sign 905.935+/-0.144 χ^2/NDF : 4179160.3/30

All: 918.782+/-0.103 χ^2/NDF : 10643836.2/62

- sign 932.017+/-0.147 χ^2/NDF : 6448627.0/31

asym_sam_24_68_dd_mean vs Slug



Right In: 2318.529+/-1623.018 χ^2/NDF : 3.0/5

Left Out: 875.084+/-205.572 χ^2/NDF : 55.1/24

Right Out: 2584.267+/-1280.951 χ^2/NDF : 4.8/8

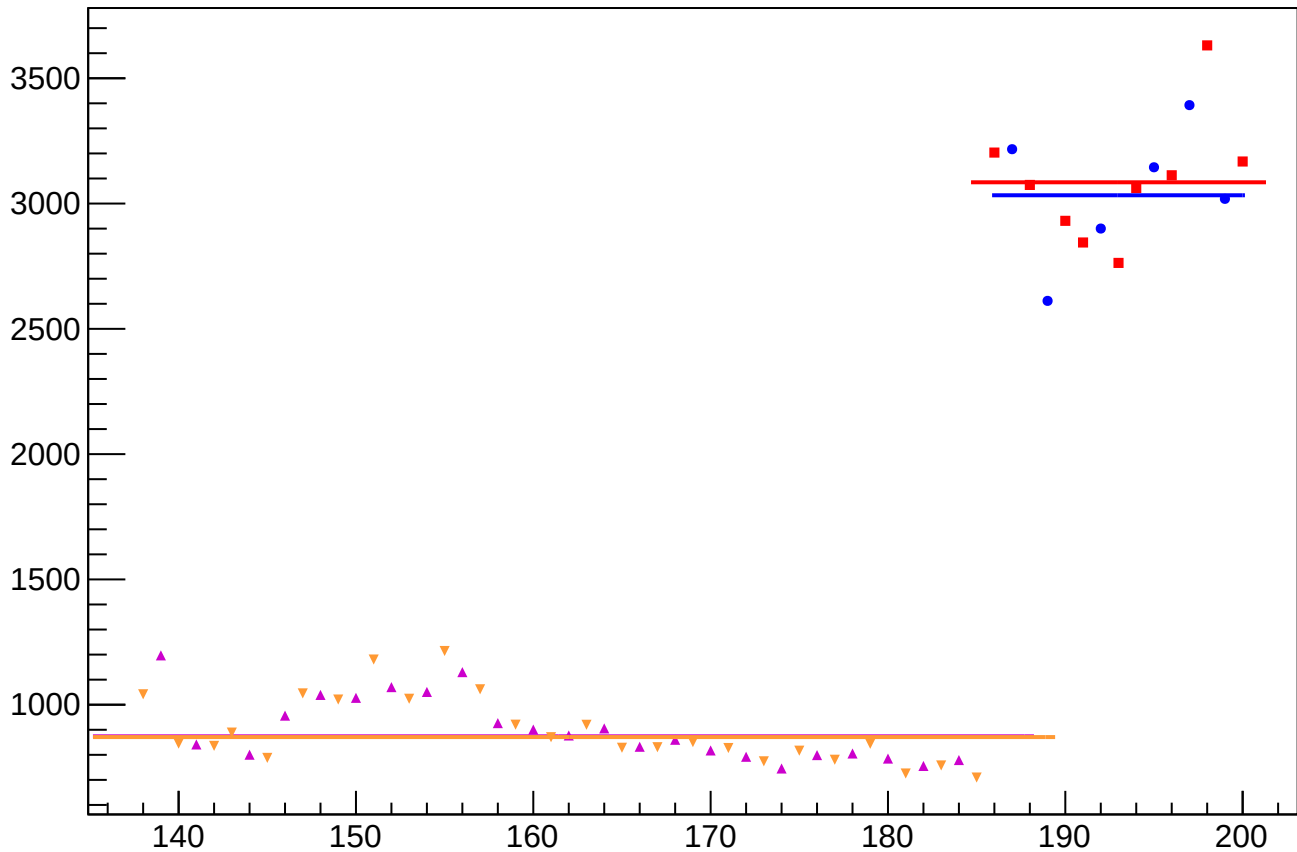
Left In: -41.523+/-210.209 χ^2/NDF : 28.1/22

+ sign 897.875+/-203.943 χ^2/NDF : 58.9/30

All: 469.993+/-145.428 χ^2/NDF : 104.8/62

- sign 27.335+/-207.434 χ^2/NDF : 37.0/31

asym_sam_24_68_dd_rms vs Slug



Right In: 3033.061 $\pm$ 1.148 χ^2 /NDF: 46595.7/5

Left Out: 870.853 $\pm$ 0.145 χ^2 /NDF: 651805.6/24

Right Out: 3084.849 $\pm$ 0.906 χ^2 /NDF: 63576.4/8

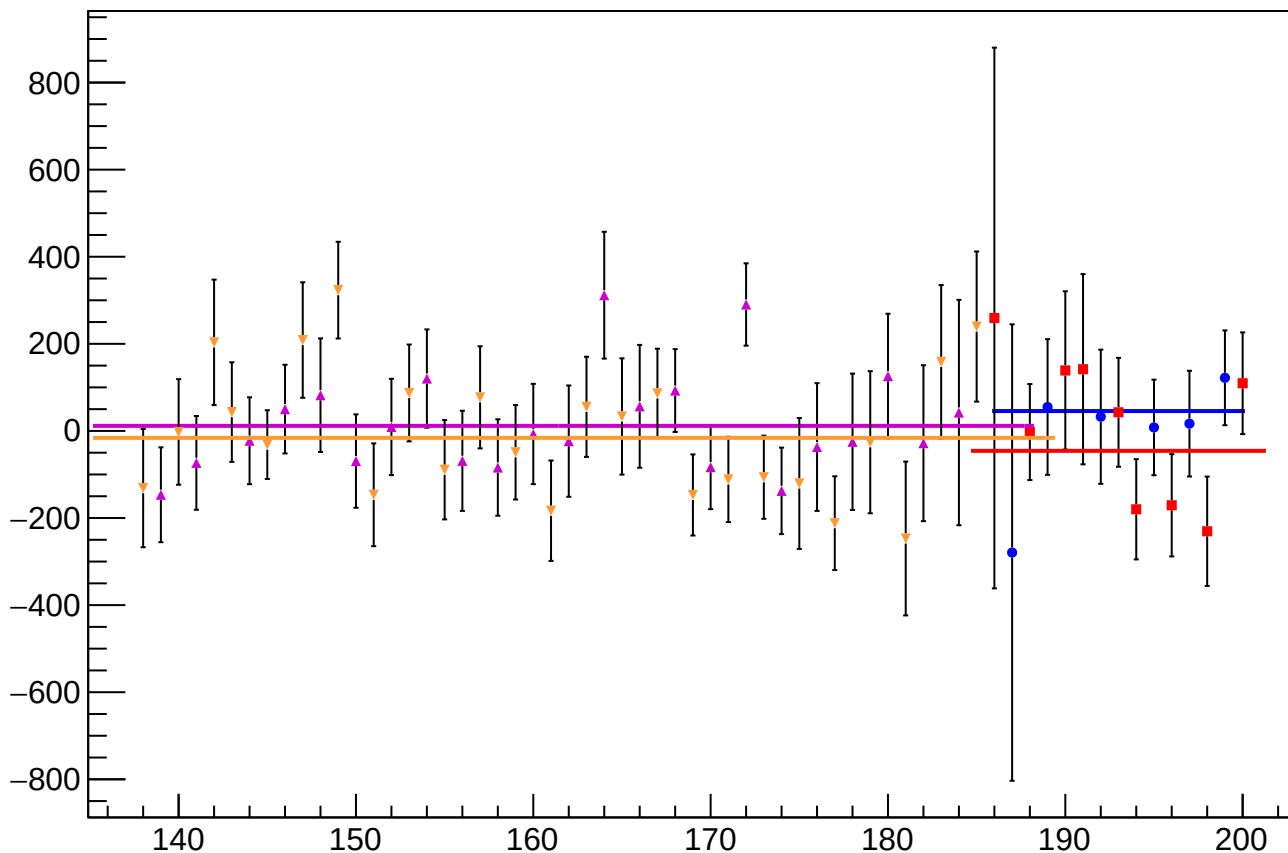
Left In: 873.902 $\pm$ 0.149 χ^2 /NDF: 583344.5/22

+ sign 904.993 $\pm$ 0.144 χ^2 /NDF: 4191946.0/30

All: 918.209 $\pm$ 0.103 χ^2 /NDF: 10657993.2/62

- sign 931.881 $\pm$ 0.147 χ^2 /NDF: 6448959.8/31

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 45.630 $\pm$ 55.699 χ^2 /NDF: 1.1/5

Left Out: -15.956 $\pm$ 23.377 χ^2 /NDF:34.9/24

Right Out: -45.742 $\pm$ 45.419 χ^2 /NDF: 9.1/8

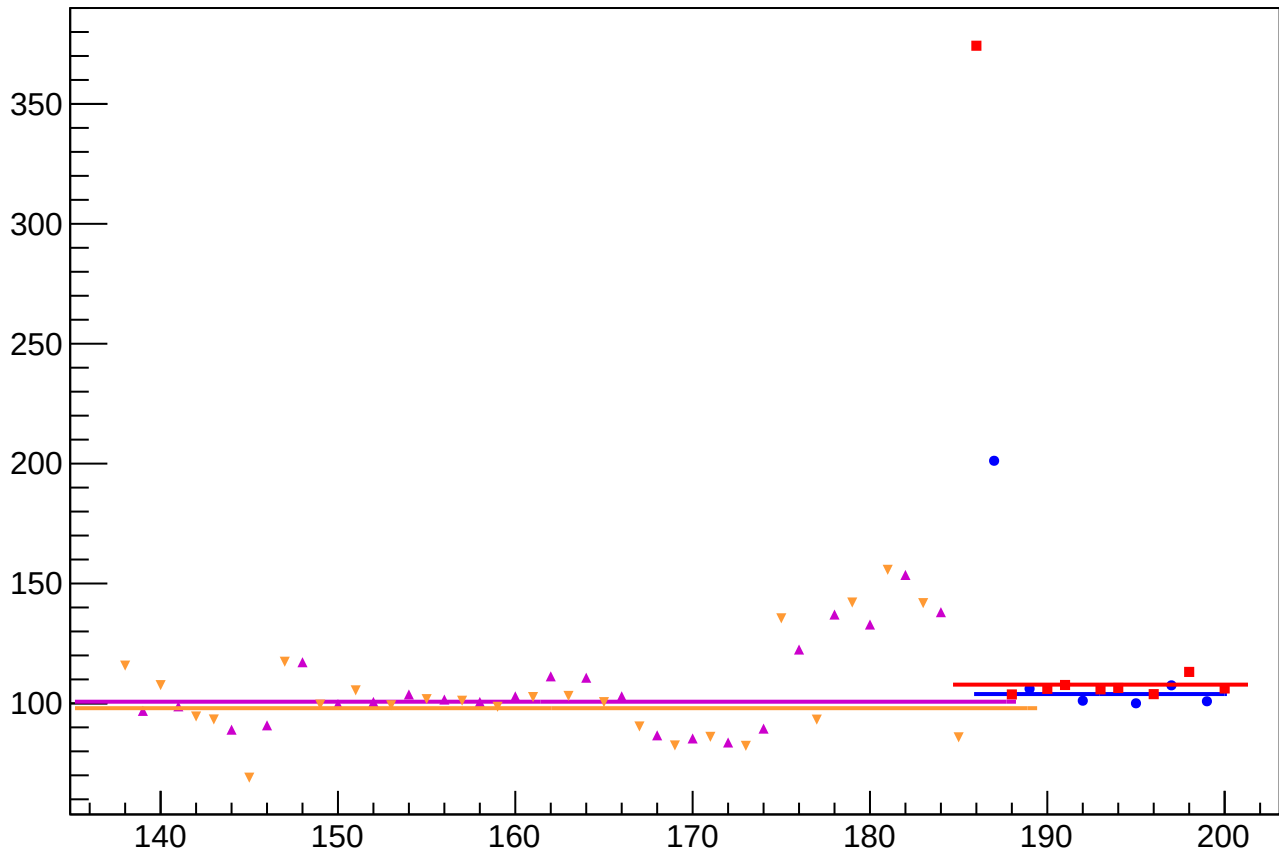
Left In: 11.570 $\pm$ 24.412 χ^2 /NDF:24.0/22

+ sign -6.732 $\pm$ 21.556 χ^2 /NDF: 37.0/30

All: -3.997 $\pm$ 15.223 χ^2 /NDF: 71.3/62

- sign -1.276 $\pm$ 21.503 χ^2 /NDF: 34.3/31

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 103.895 ± 0.039 χ^2/NDF : 75759.0/5

Left Out: 98.001 ± 0.017 χ^2/NDF : 1155021.9/24

Right Out: 107.824 ± 0.032 χ^2/NDF : 378370.5/8

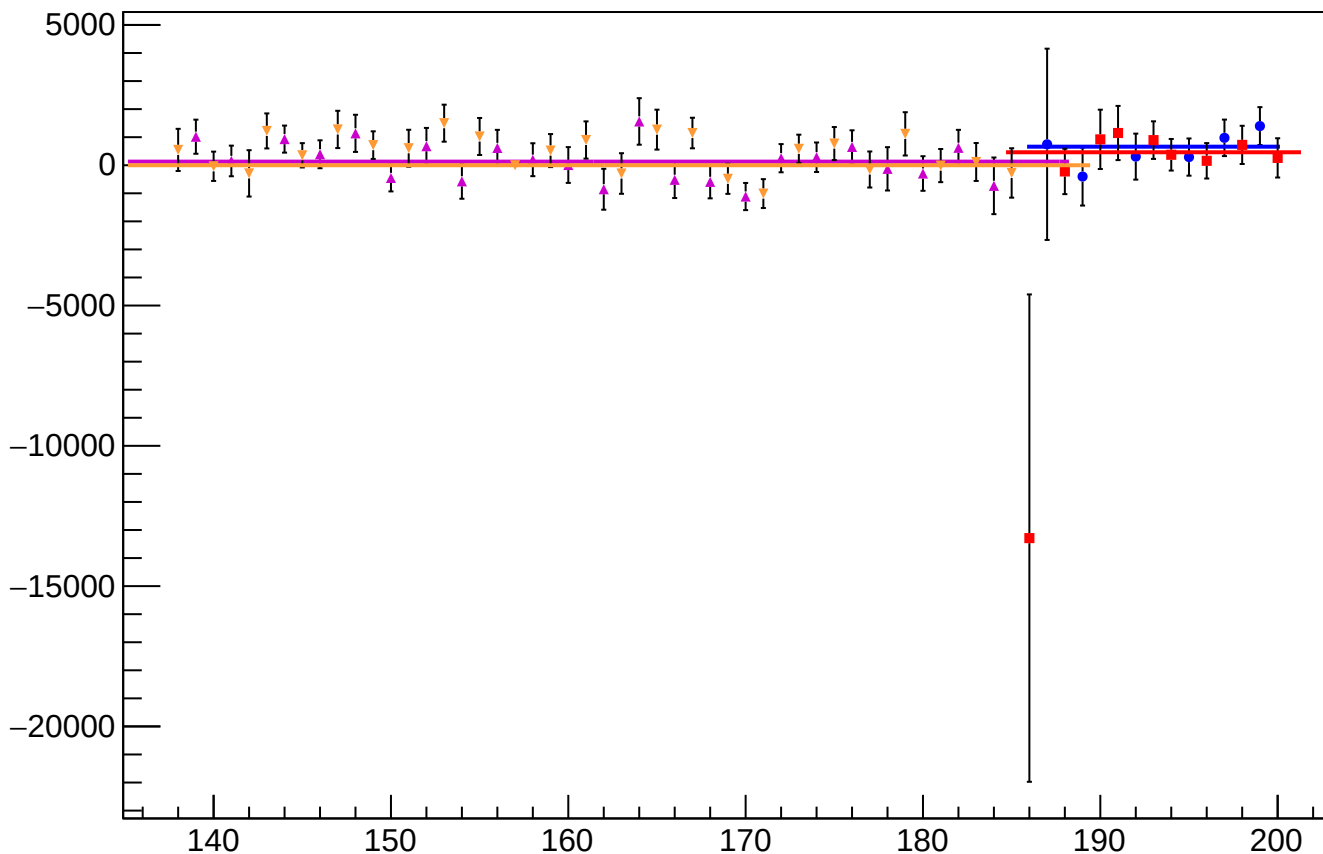
Left In: 100.704 ± 0.017 χ^2/NDF : 759922.8/22

+ sign 98.884 ± 0.015 χ^2/NDF : 1249821.3/30

All: 100.596 ± 0.011 χ^2/NDF : 2451414.8/62

- sign 102.299 ± 0.015 χ^2/NDF : 1176426.0/31

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 661.732 ± 327.102 χ^2/NDF : 3.0/5

Left Out: -0.000 ± 0.000 χ^2/NDF : 39.9/24

Right Out: 462.612 ± 253.181 χ^2/NDF : 4.8/8

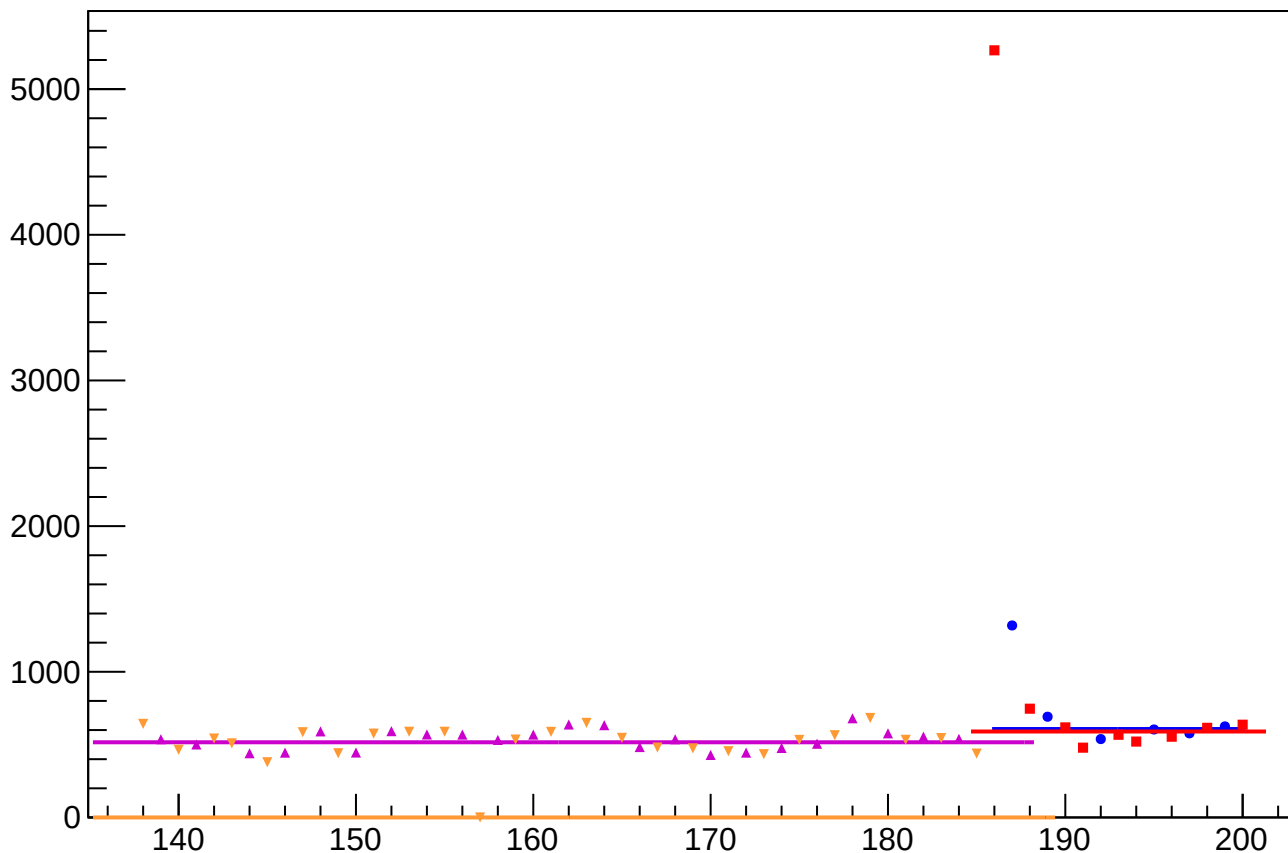
Left In: 129.094 ± 124.247 χ^2/NDF : 28.3/22

+ sign -0.000 ± 0.000 χ^2/NDF : 46.9/30

All: -0.000 ± 0.000 χ^2/NDF : 84.5/62

- sign 193.825 ± 111.540 χ^2/NDF : 34.5/31

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 607.058 $\pm$ 0.231 χ^2/NDF : 120108.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 34974091.9/24

Right Out: 590.049 $\pm$ 0.179 χ^2/NDF : 733130.0/8

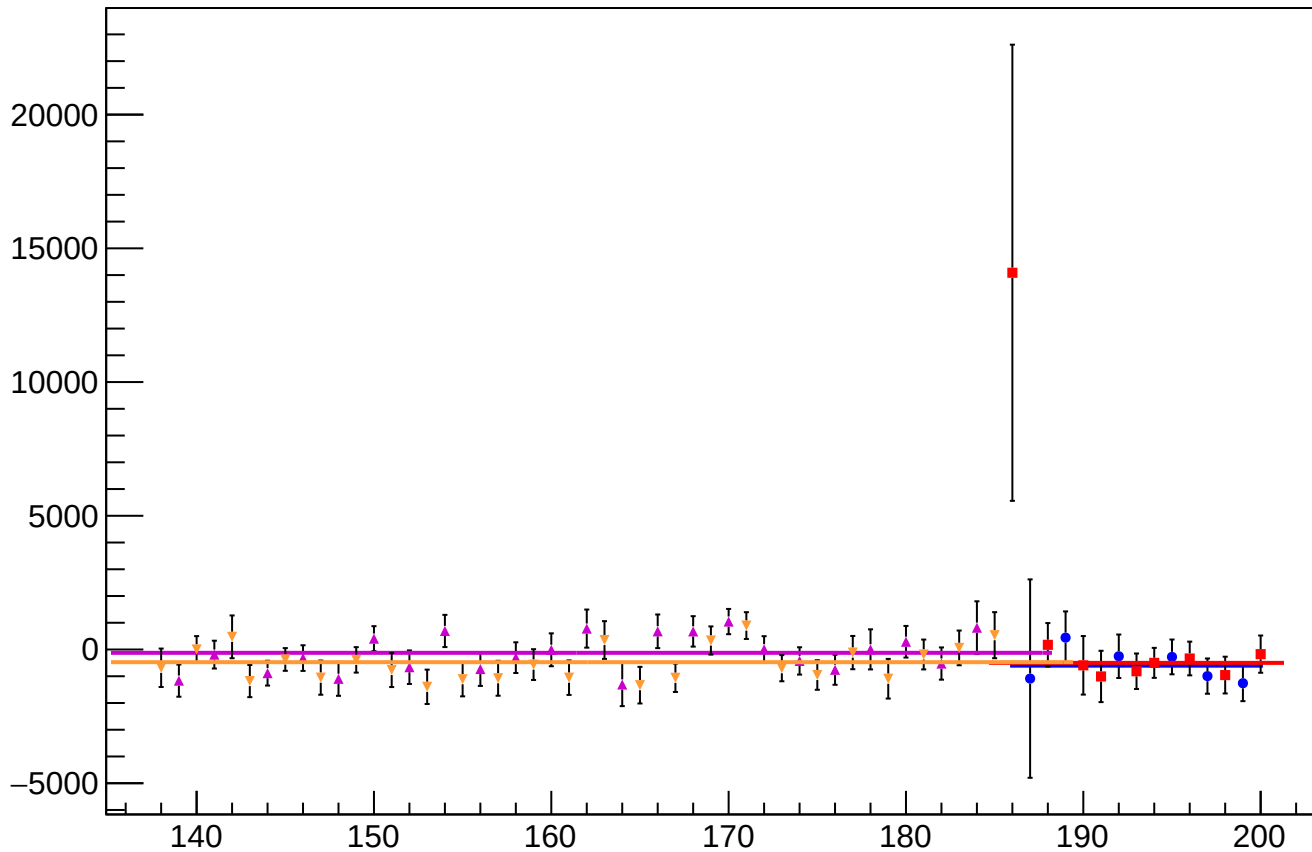
Left In: 516.120 $\pm$ 0.088 χ^2/NDF : 571744.7/22

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 41982684.5/30

All: 0.000 $\pm$ 0.000 χ^2/NDF : 88661711.2/62

- sign 530.469 $\pm$ 0.079 χ^2/NDF : 1442304.9/31

asym_sam_26_48_dd_mean vs Slug



Right In: -603.464 $\pm$ 324.095 χ^2 /NDF: 2.9/5

Left Out: -473.870 $\pm$ 117.977 χ^2 /NDF: 27.9/24

Right Out: -499.612 $\pm$ 253.199 χ^2 /NDF: 4.9/8

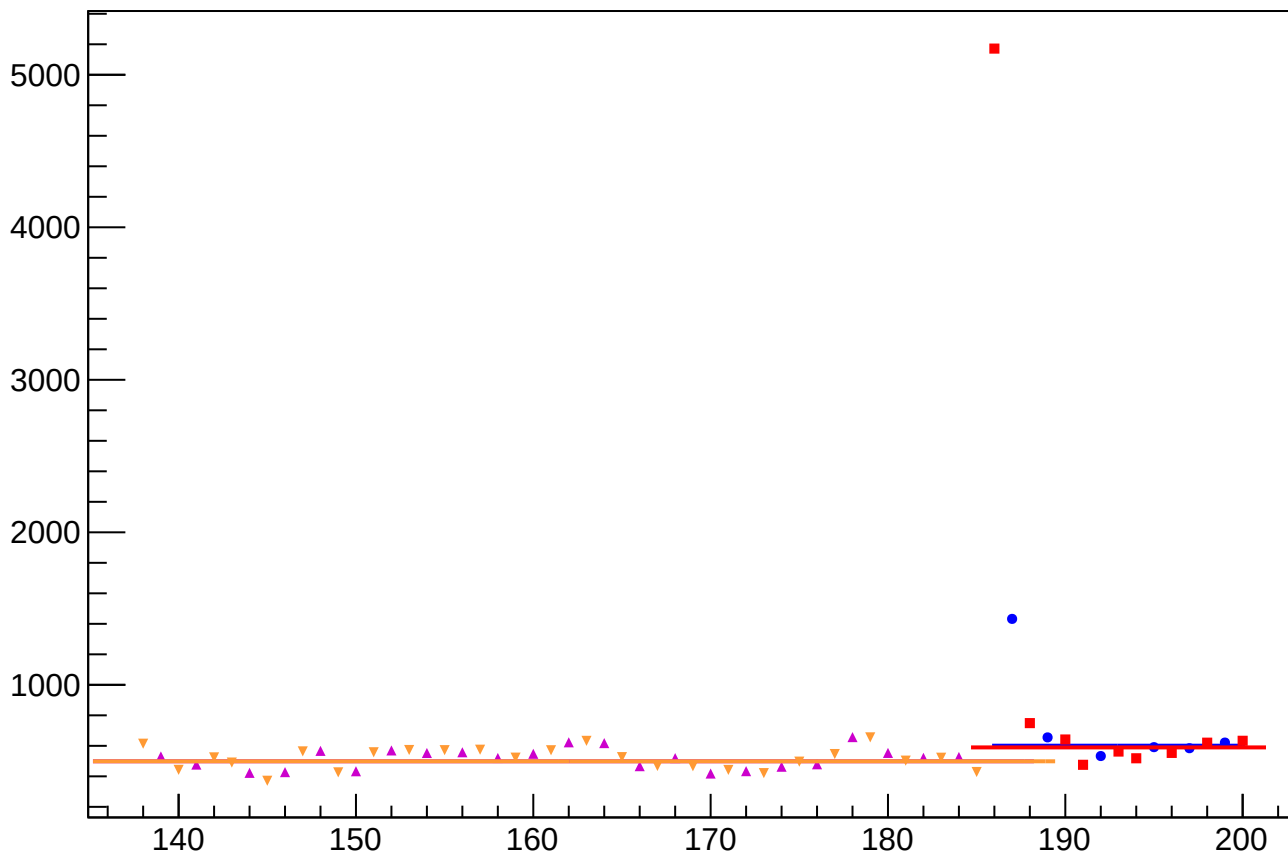
Left In: -124.022 $\pm$ 120.216 χ^2 /NDF: 30.2/22

+ sign -489.034 $\pm$ 110.860 χ^2 /NDF: 31.0/30

All: -338.022 $\pm$ 77.578 χ^2 /NDF: 71.4/62

- sign -193.114 $\pm$ 108.597 χ^2 /NDF: 36.8/31

asym_sam_26_48_dd_rms vs Slug



Right In: 600.882 $\pm$ 0.229 χ^2 /NDF: 124136.1/5

Left Out: 498.662 $\pm$ 0.083 χ^2 /NDF: 734652.4/24

Right Out: 589.707 $\pm$ 0.179 χ^2 /NDF: 740869.4/8

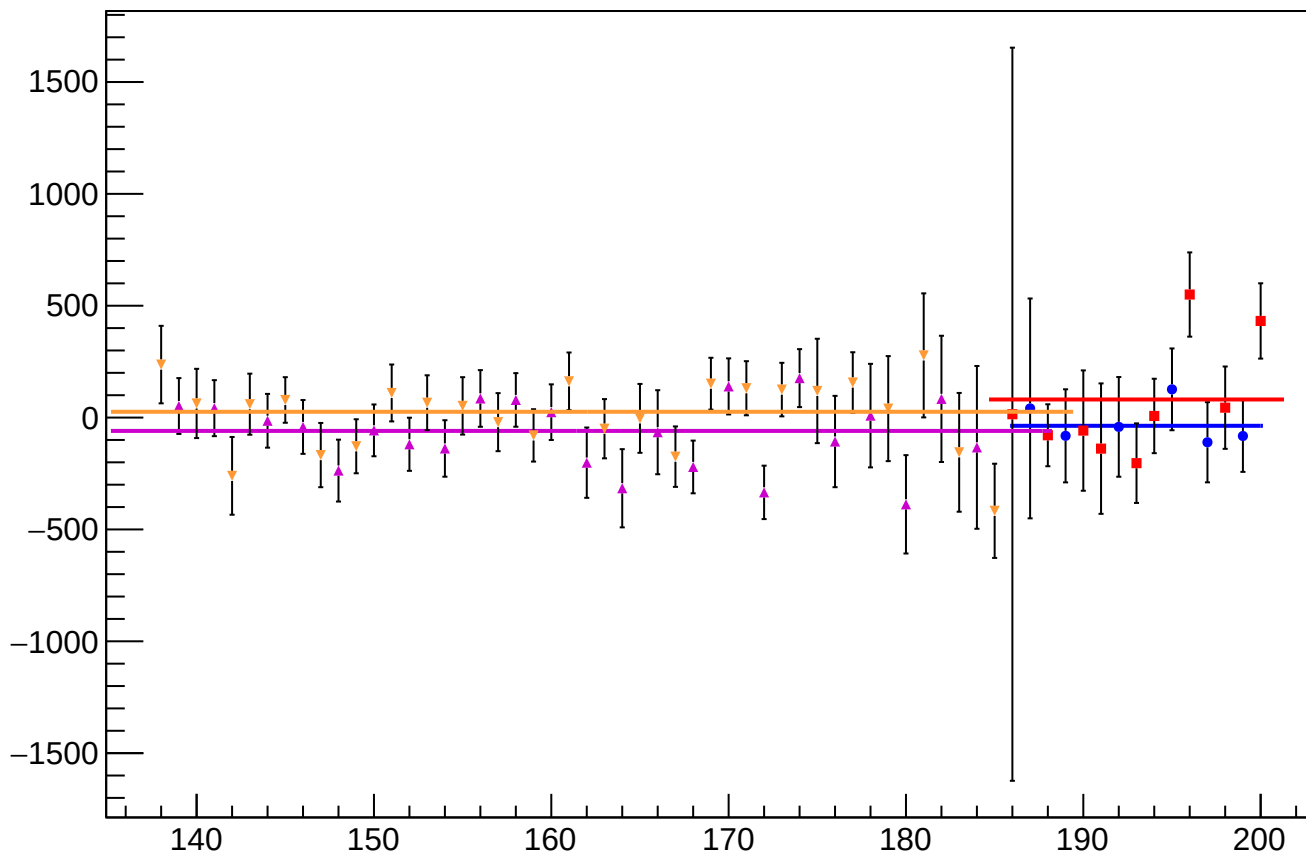
Left In: 498.835 $\pm$ 0.085 χ^2 /NDF: 572334.3/22

+ sign 510.623 $\pm$ 0.078 χ^2 /NDF: 1034465.2/30

All: 513.138 $\pm$ 0.055 χ^2 /NDF: 2559907.9/62

- sign 515.551 $\pm$ 0.077 χ^2 /NDF: 1523425.5/31

dit_asym_sam_1548_avg_mean vs Slug



Right In: -36.732 ± 82.390 $\chi^2/\text{NDF}: 1.1/5$

Left Out: 25.940 ± 28.120 $\chi^2/\text{NDF}: 22.7/24$

Right Out: 80.918 ± 64.699 $\chi^2/\text{NDF}: 15.5/8$

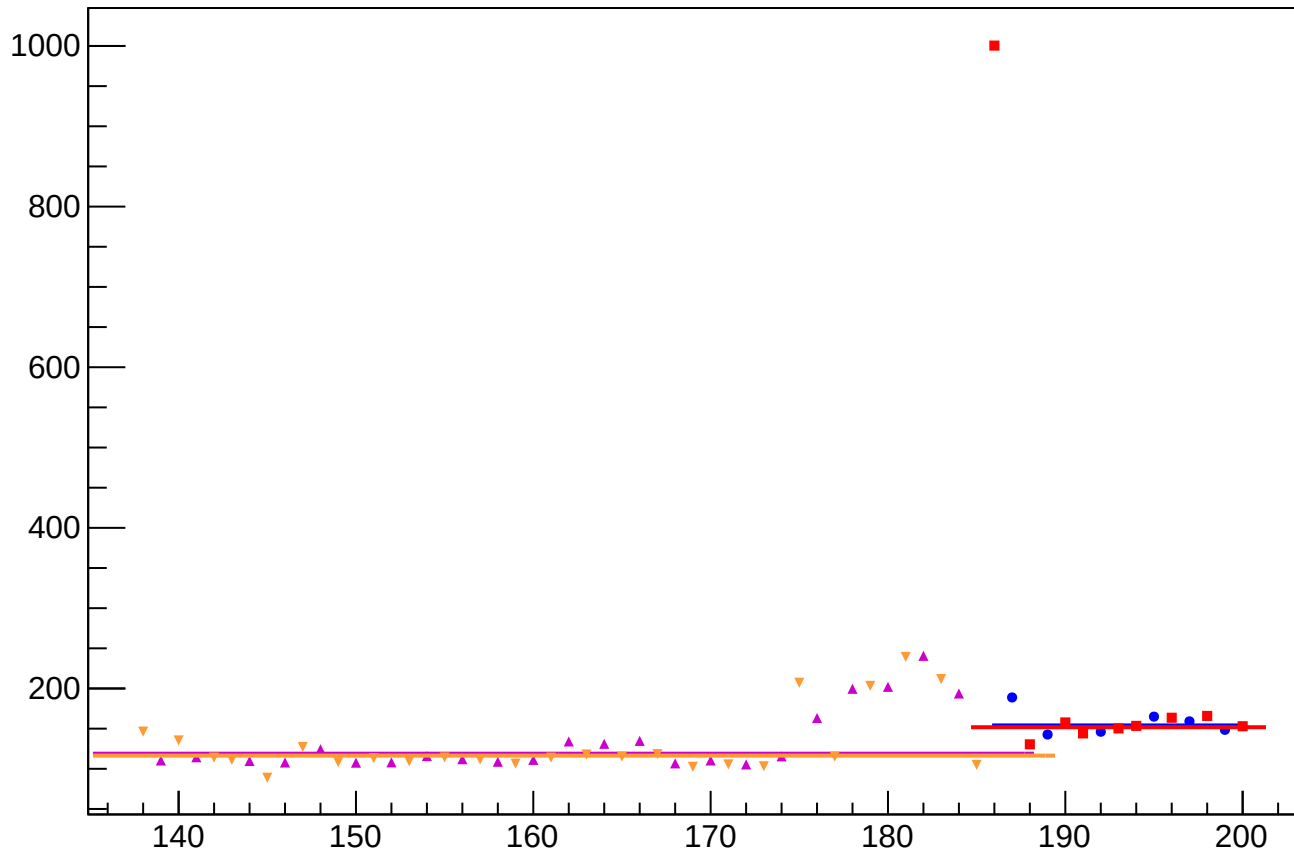
Left In: -59.603 ± 29.184 $\chi^2/\text{NDF}: 25.6/22$

+ sign 19.401 ± 26.613 $\chi^2/\text{NDF}: 24.3/30$

All: -8.234 ± 18.815 $\chi^2/\text{NDF}: 71.6/62$

- sign -35.847 ± 26.603 $\chi^2/\text{NDF}: 45.1/31$

dit_asym_sam_1548_avg_rms vs Slug



Right In: 153.991 $\pm$ 0.058 χ^2 /NDF: 29540.8/5

Left Out: 116.427 $\pm$ 0.020 χ^2 /NDF: 1589669.4/24

Right Out: 151.776 $\pm$ 0.046 χ^2 /NDF: 606294.6/8

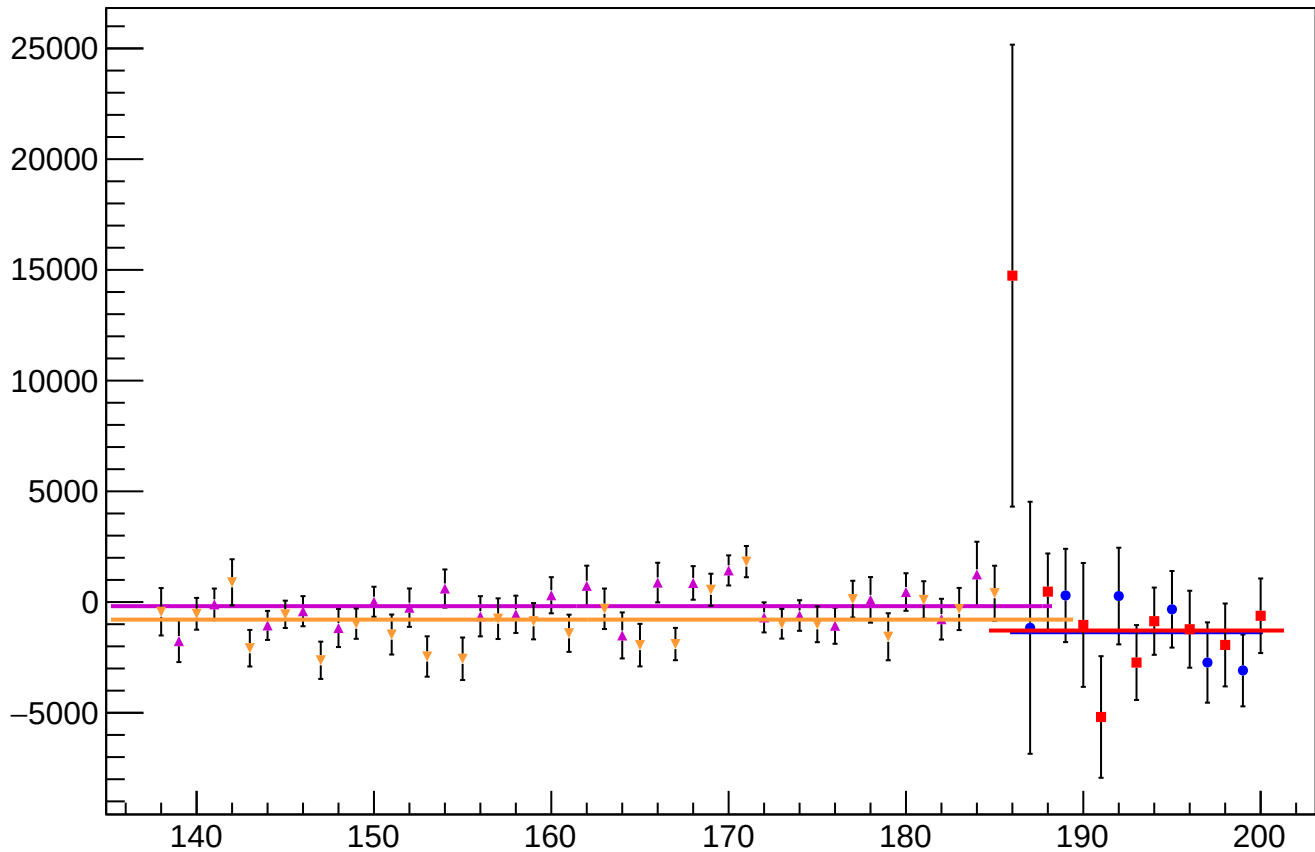
Left In: 118.822 $\pm$ 0.021 χ^2 /NDF: 1289178.7/22

+ sign 120.347 $\pm$ 0.019 χ^2 /NDF: 1991570.6/30

All: 122.371 $\pm$ 0.013 χ^2 /NDF: 4341306.6/62

- sign 124.393 $\pm$ 0.019 χ^2 /NDF: 2326607.5/31

asym_sam_1548_avg_correction_mean vs Slug



Right In: -1362.495 ± 820.804 χ^2/NDF : 3.2/5

Left Out: -791.963 ± 165.971 χ^2/NDF : 43.6/24

Right Out: -1285.805 ± 651.084 χ^2/NDF : 6.5/8

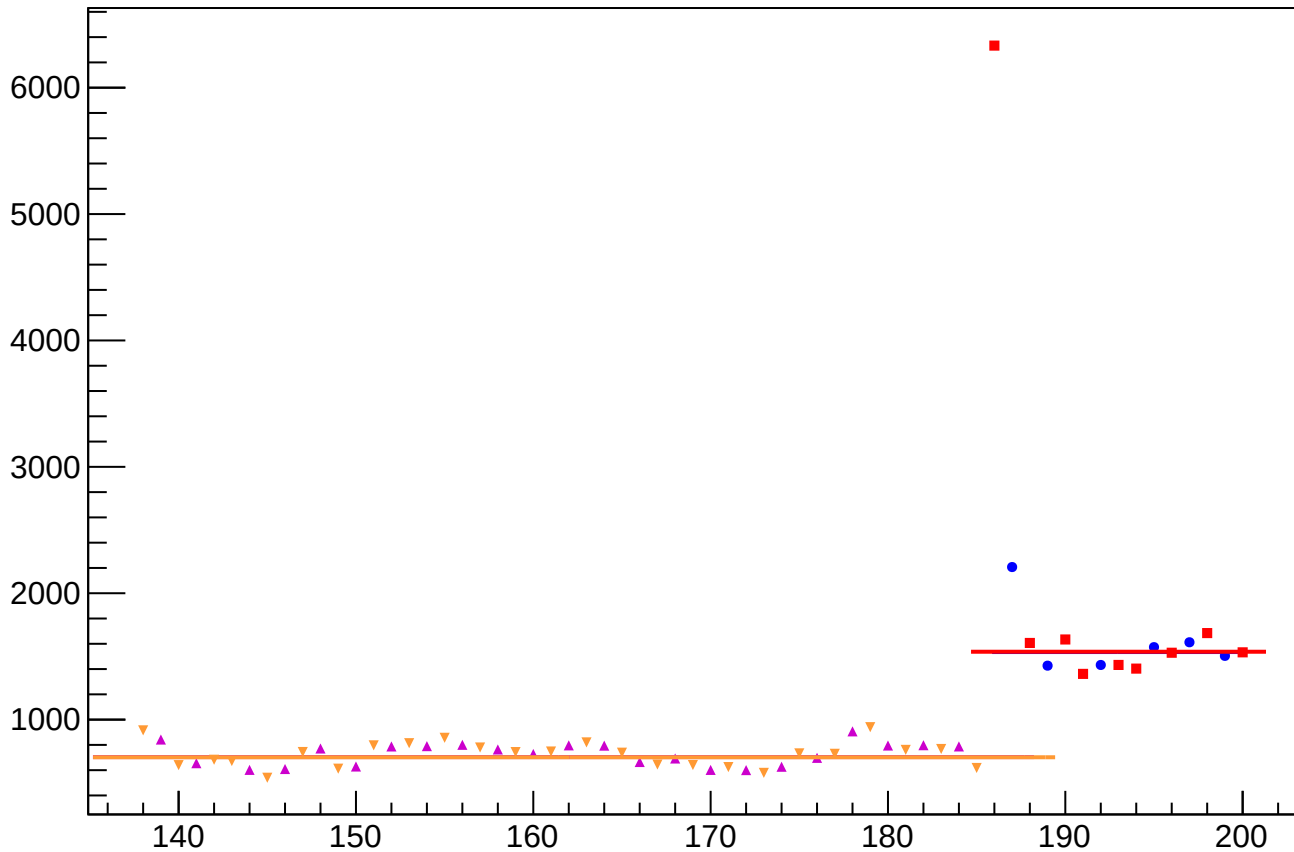
Left In: -185.191 ± 169.174 χ^2/NDF : 23.4/22

+ sign -814.374 ± 162.678 χ^2/NDF : 47.3/30

All: -536.401 ± 115.404 χ^2/NDF : 85.8/62

- sign -254.798 ± 163.737 χ^2/NDF : 32.6/31

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1534.728 ± 0.580 $\chi^2/\text{NDF}: 42891.0/5$

Left Out: 702.152 ± 0.117 $\chi^2/\text{NDF}: 691552.2/24$

Right Out: 1537.139 ± 0.460 $\chi^2/\text{NDF}: 472271.1/8$

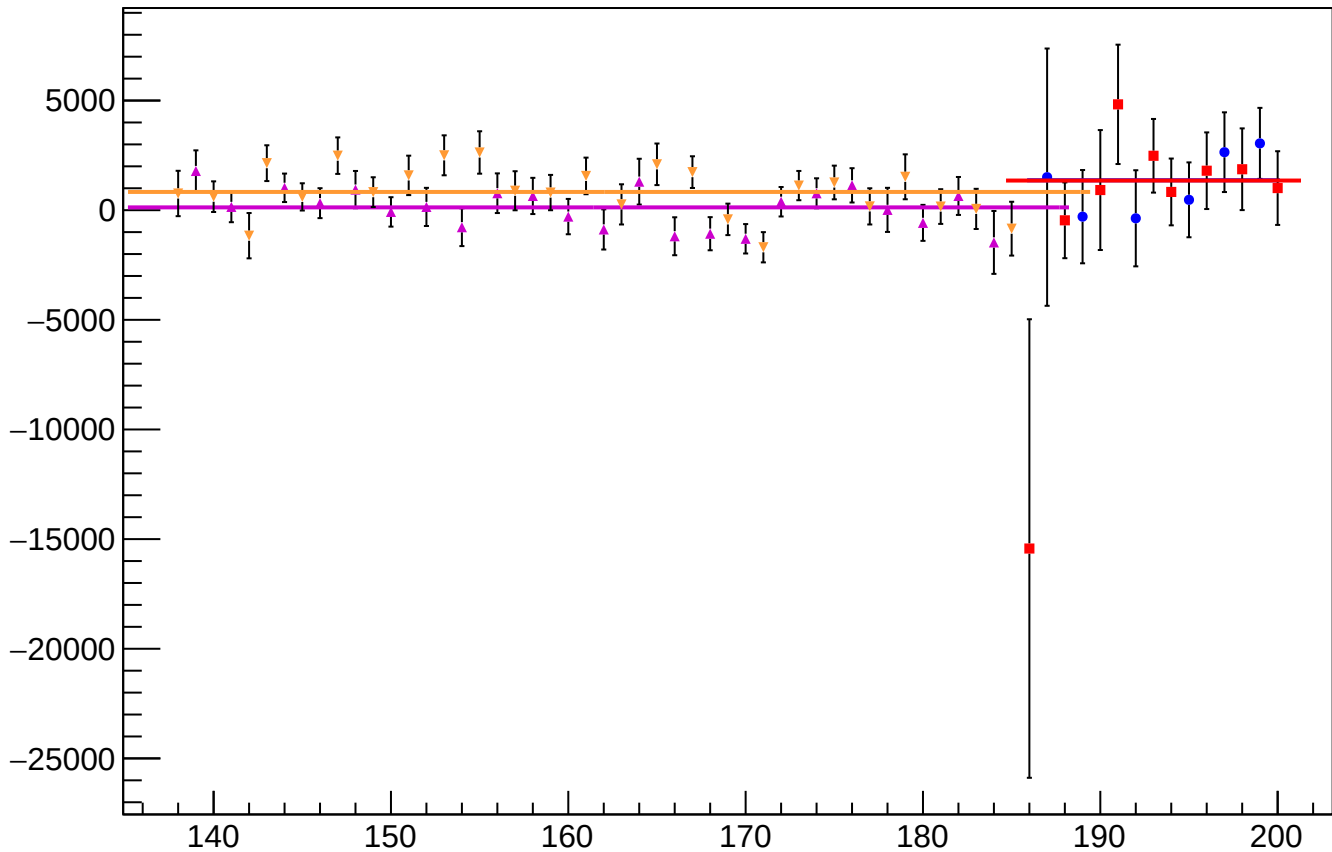
Left In: 703.710 ± 0.120 $\chi^2/\text{NDF}: 533573.3/22$

+ sign 734.856 ± 0.115 $\chi^2/\text{NDF}: 2711391.6/30$

All: 745.568 ± 0.082 $\chi^2/\text{NDF}: 6804556.7/62$

- sign 756.419 ± 0.116 $\chi^2/\text{NDF}: 4075709.5/31$

asym_sam_1548_avg_mean vs Slug



Right In: 1363.996 $\pm$ 820.444 χ^2 /NDF: 3.1/5

Left Out: 832.553 $\pm$ 163.428 χ^2 /NDF: 43.8/24

Right Out: 1351.836 $\pm$ 649.794 χ^2 /NDF: 6.1/8

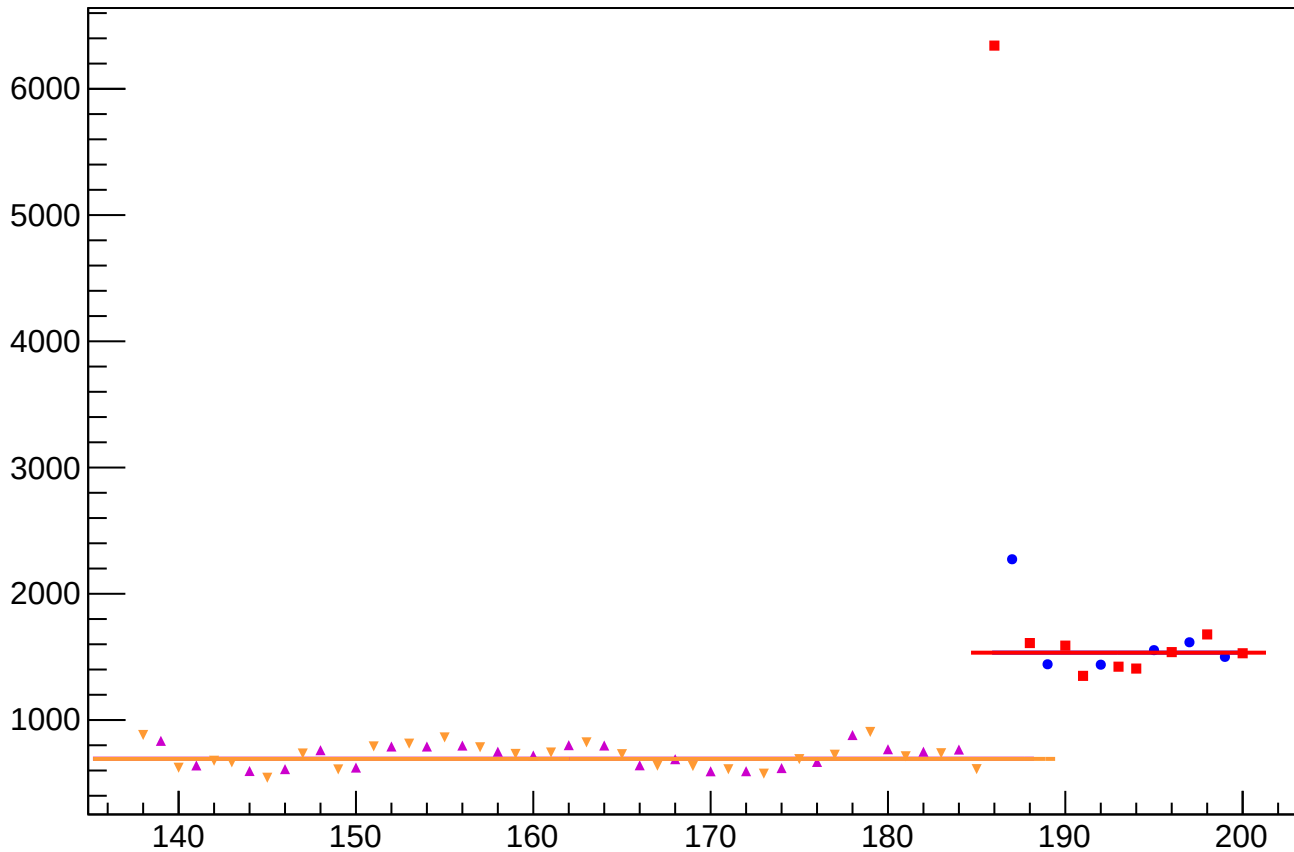
Left In: 128.120 $\pm$ 166.866 χ^2 /NDF: 25.3/22

+ sign 852.835 $\pm$ 160.279 χ^2 /NDF: 47.3/30

All: 531.037 $\pm$ 113.806 χ^2 /NDF: 90.1/62

- sign 203.826 $\pm$ 161.622 χ^2 /NDF: 34.7/31

asym_sam_1548_avg_rms vs Slug



Right In: 1533.829+/-0.580 χ^2/NDF : 44559.4/5

Left Out: 692.071+/-0.116 χ^2/NDF : 657636.6/24

Right Out: 1533.487+/-0.459 χ^2/NDF : 471399.4/8

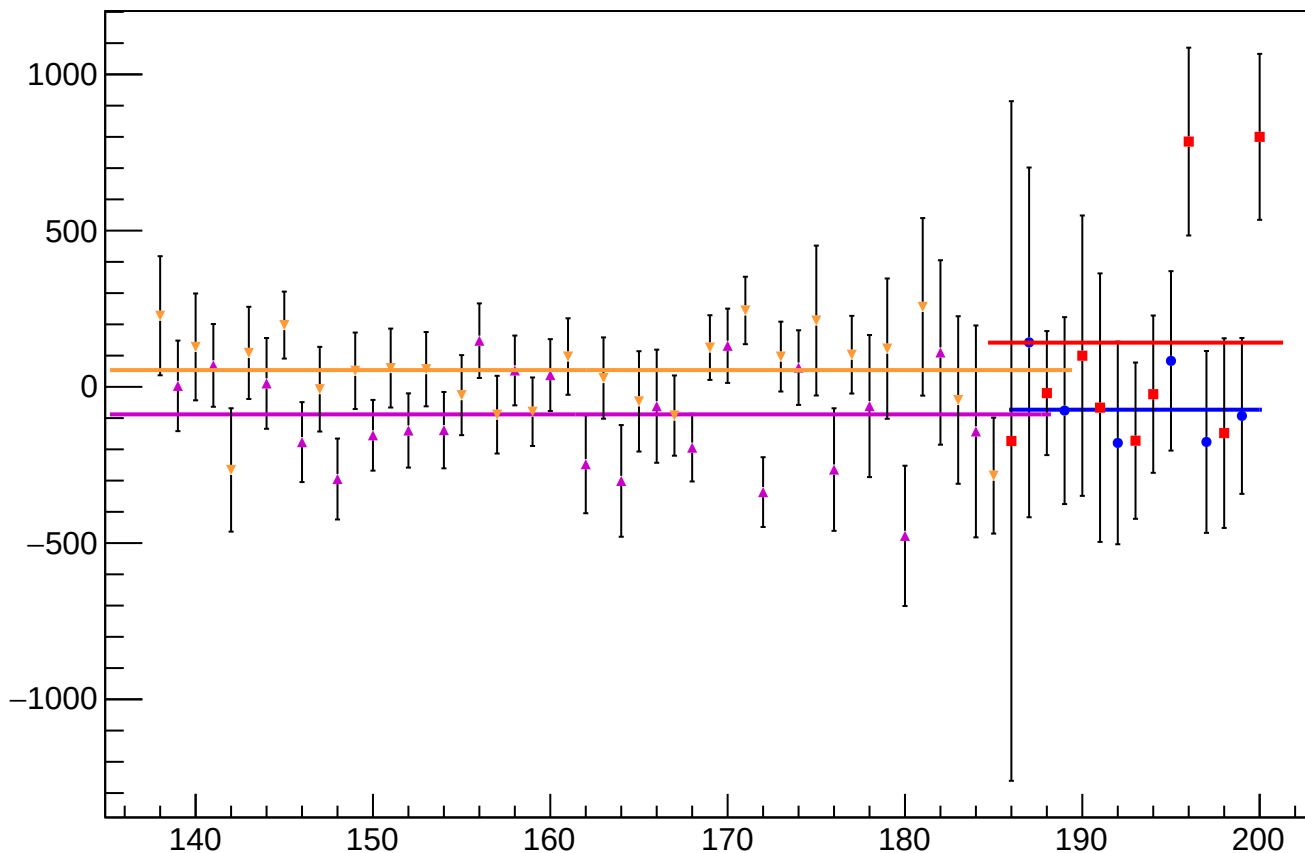
Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

+ sign 724.196+/-0.113 χ^2/NDF : 2727115.7/30

All: 734.796+/-0.080 χ^2/NDF : 6871366.5/62

- sign 745.574+/-0.114 χ^2/NDF : 4126607.8/31

dit_asym_sam_3748_avg_mean vs Slug



Right In: -73.068 ± 125.115 χ^2/NDF : 0.7/5

Left Out: 53.701 ± 27.462 χ^2/NDF : 19.2/24

Right Out: 141.533 ± 97.822 χ^2/NDF : 14.6/8

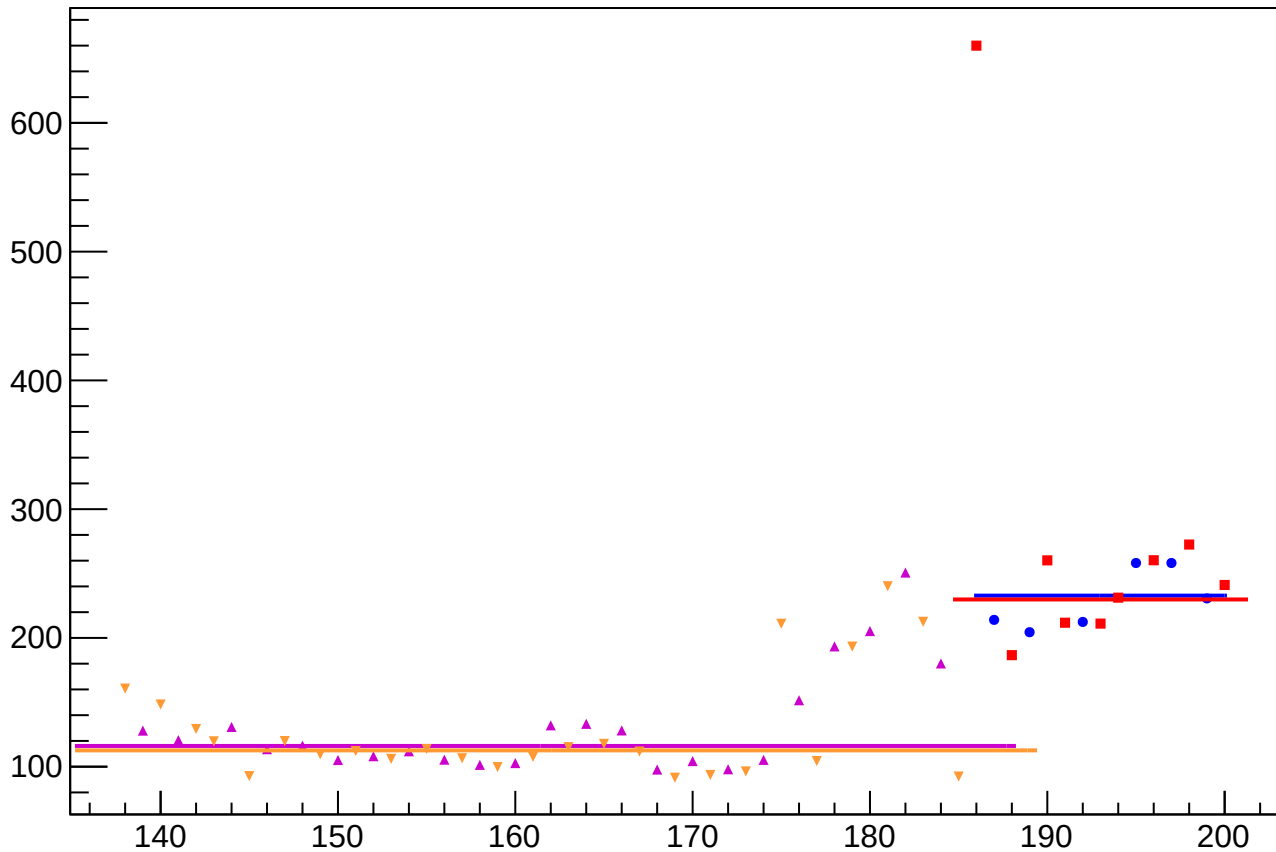
Left In: -88.085 ± 28.764 χ^2/NDF : 30.4/22

+ sign 47.874 ± 26.823 χ^2/NDF : 20.9/30

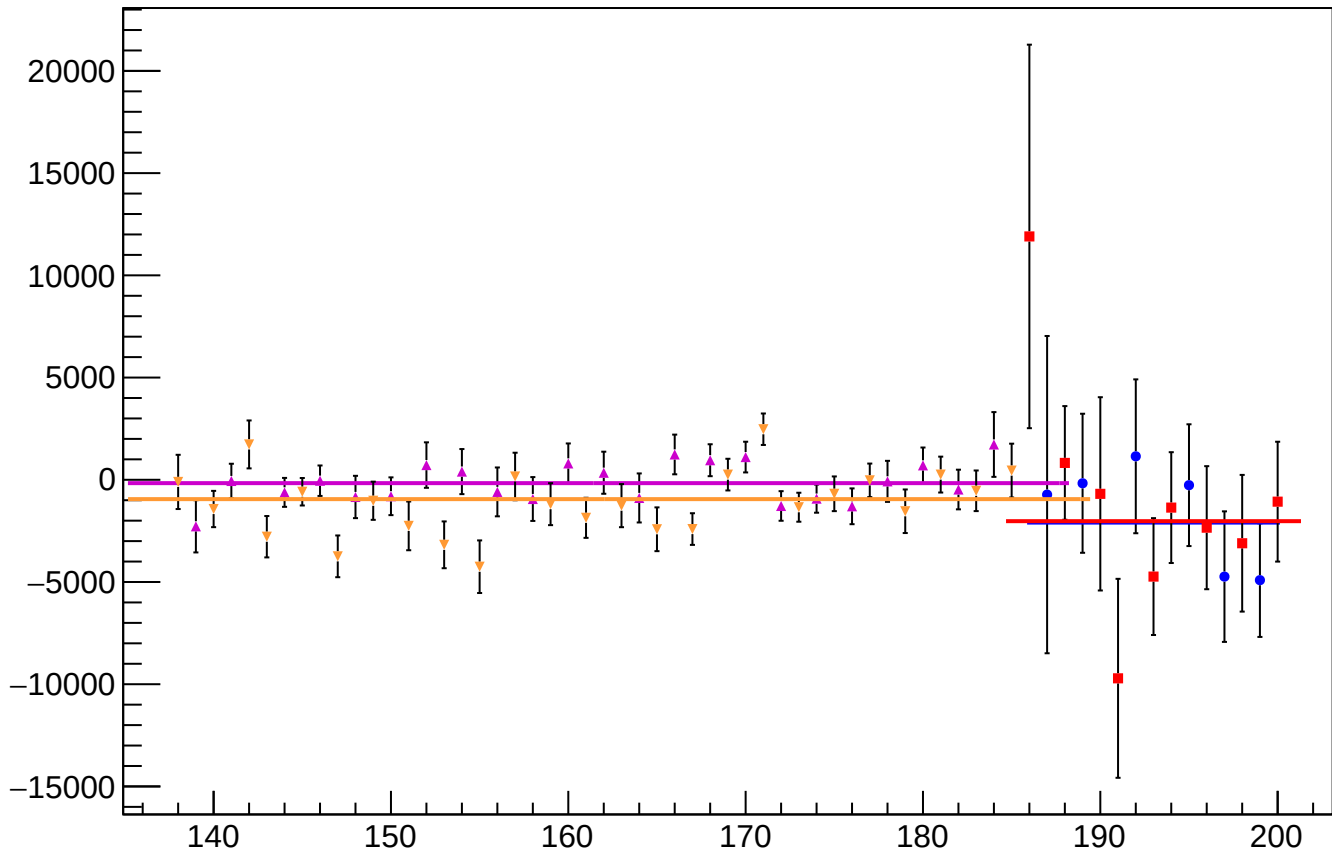
All: -9.300 ± 19.234 χ^2/NDF : 80.3/62

- sign -69.812 ± 27.595 χ^2/NDF : 50.1/31

dit_asym_sam_3748_avg_rms vs Slug



asym_sam_3748_avg_correction_mean vs Slug



Right In: -2093.416+/-1394.742 χ^2/NDF : 3.2/5

Left Out: -946.412+/-188.668 χ^2/NDF : 63.3/24

Right Out: -2024.632+/-1116.233 χ^2/NDF : 7.0/8

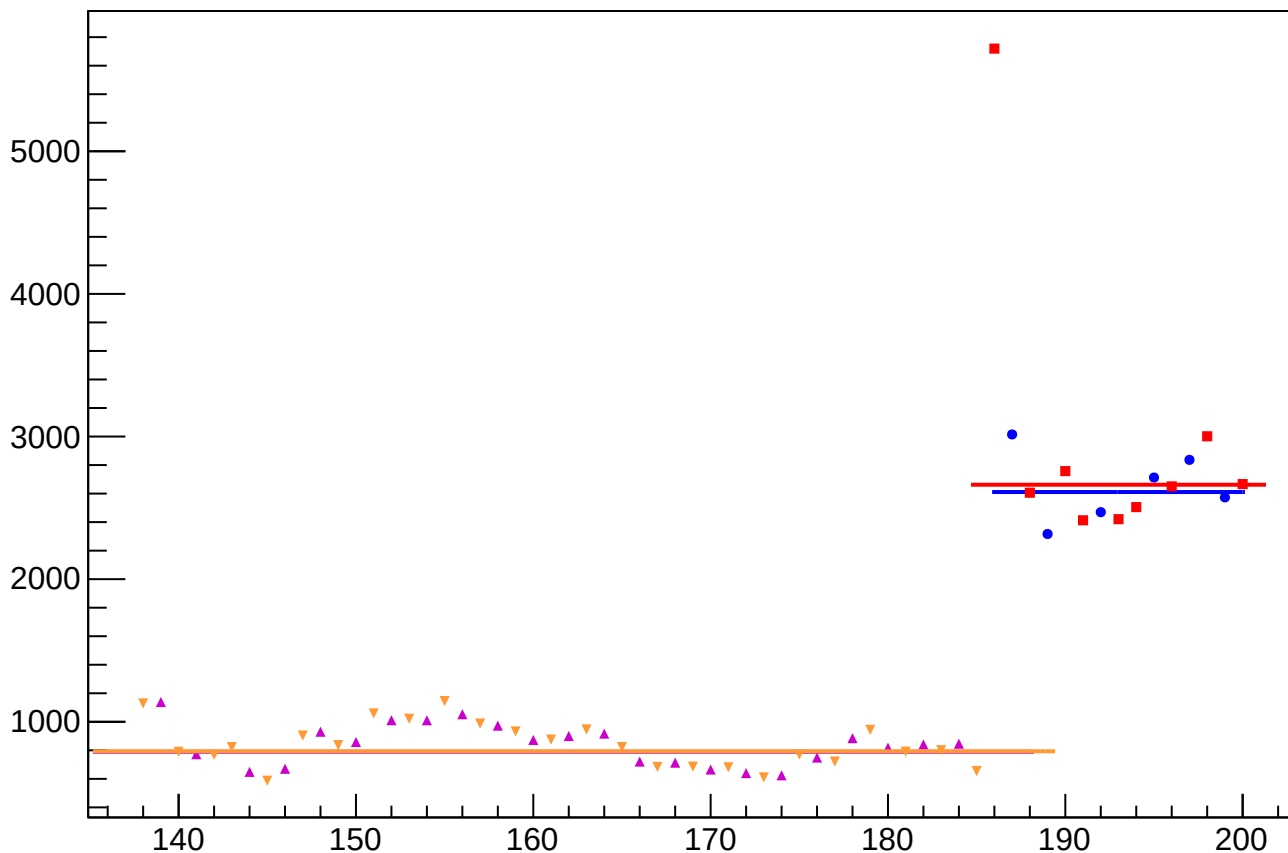
Left In: -164.202+/-191.131 χ^2/NDF : 22.0/22

+ sign -967.023+/-186.966 χ^2/NDF : 67.1/30

All: -594.953+/-132.705 χ^2/NDF : 106.9/62

- sign -217.194+/-188.389 χ^2/NDF : 31.8/31

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2610.912 ± 0.986 χ^2/NDF : 35860.6/5

Left Out: 793.154 ± 0.133 χ^2/NDF : 1158856.1/24

Right Out: 2662.052 ± 0.789 χ^2/NDF : 261025.9/8

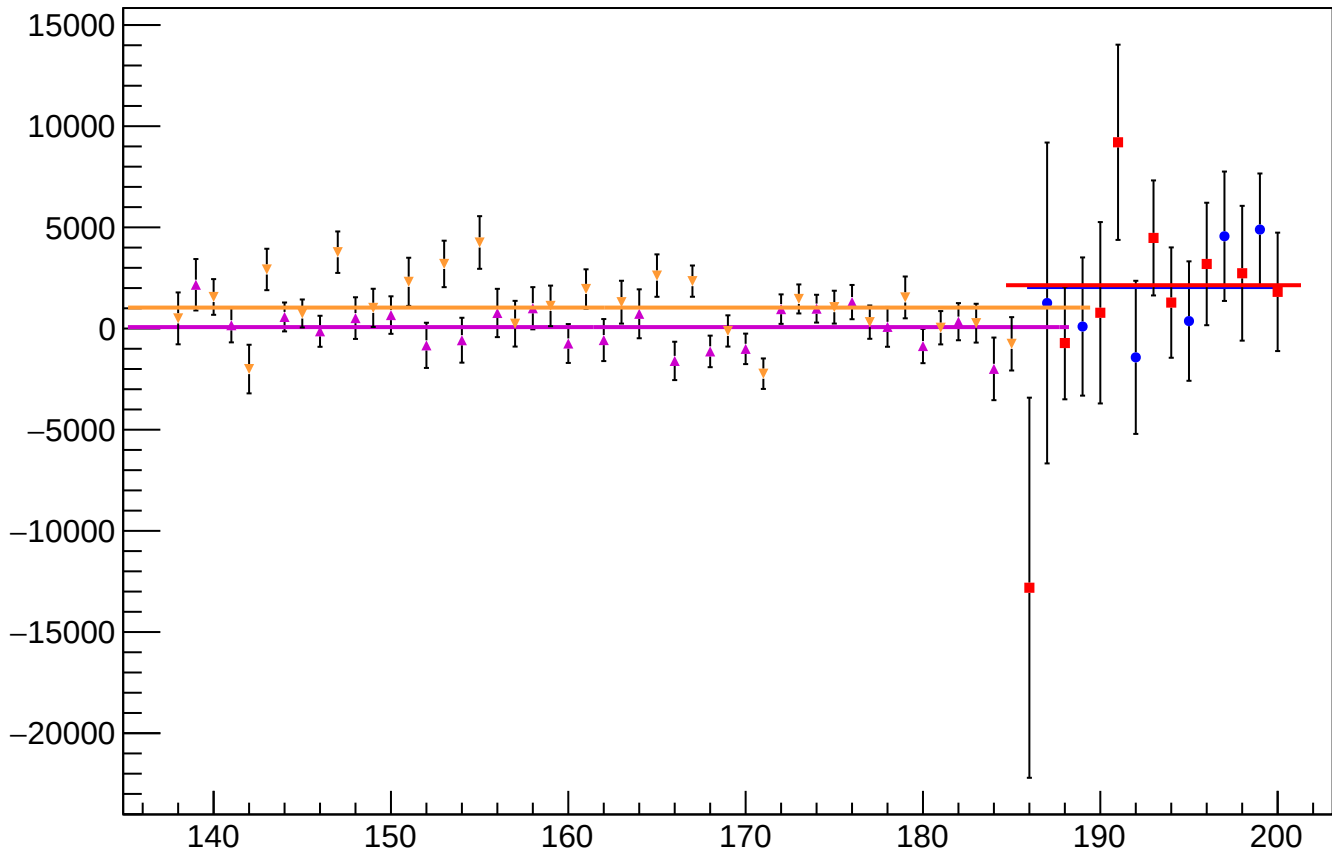
Left In: 789.699 ± 0.135 χ^2/NDF : 1019959.0/22

+ sign 825.819 ± 0.132 χ^2/NDF : 4530816.7/30

All: 834.360 ± 0.094 χ^2/NDF : 11287176.0/62

- sign 843.031 ± 0.133 χ^2/NDF : 6747947.9/31

asym_sam_3748_avg_mean vs Slug



Right In: 2050.195 $\pm$ 1394.487 χ^2 /NDF: 3.2/5

Left Out: 1035.605 $\pm$ 187.244 χ^2 /NDF: 61.4/24

Right Out: 2140.923 $\pm$ 1112.711 χ^2 /NDF: 6.8/8

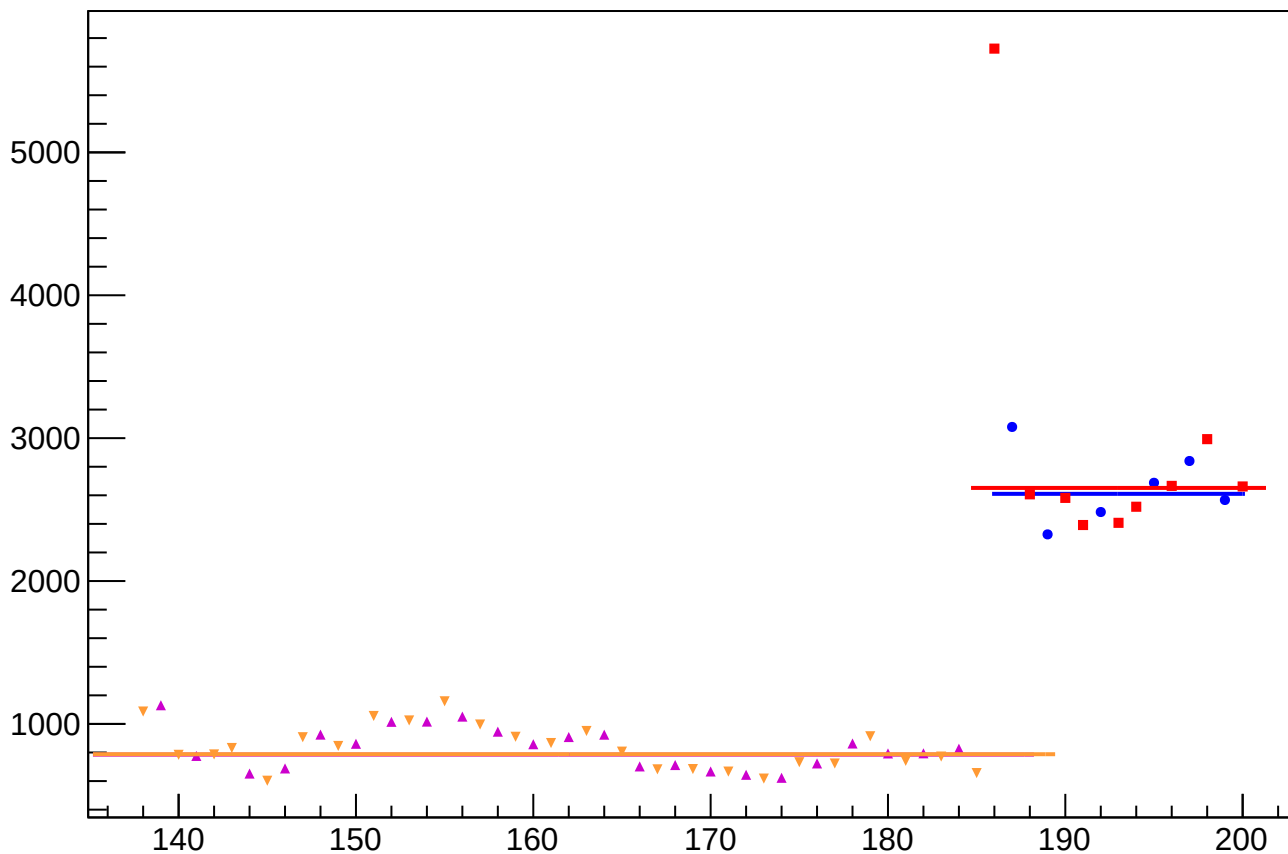
Left In: 70.852 $\pm$ 190.155 χ^2 /NDF: 23.4/22

+ sign 1053.573 $\pm$ 185.578 χ^2 /NDF: 65.1/30

All: 596.190 $\pm$ 131.876 χ^2 /NDF: 110.8/62

- sign 129.592 $\pm$ 187.438 χ^2 /NDF: 33.5/31

asym_sam_3748_avg_rms vs Slug



Right In: 2610.273+/-0.986 χ^2/NDF : 35231.5/5

Left Out: 787.981+/-0.132 χ^2/NDF : 1113986.0/24

Right Out: 2651.674+/-0.787 χ^2/NDF : 261554.1/8

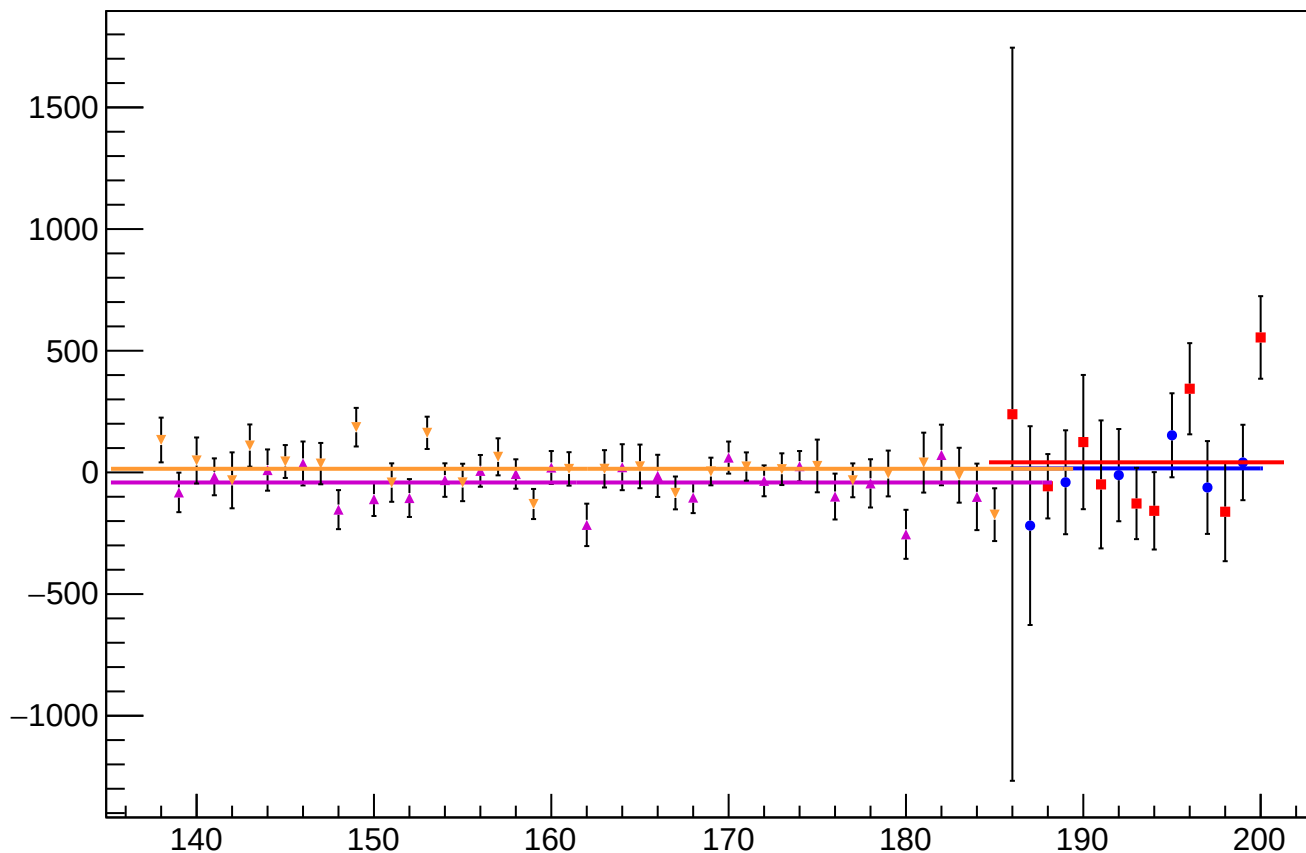
Left In: 785.179+/-0.134 χ^2/NDF : 976942.0/22

+ sign 820.254+/-0.131 χ^2/NDF : 4504091.9/30

All: 829.109+/-0.093 χ^2/NDF : 11219646.3/62

- sign 838.143+/-0.133 χ^2/NDF : 6706355.6/31

dit_asym_sam_1526_avg_mean vs Slug



Right In: 16.439 ± 79.446 $\chi^2/\text{NDF}: 1.2/5$

Left Out: 14.879 ± 15.529 $\chi^2/\text{NDF}: 25.8/24$

Right Out: 41.466 ± 62.159 $\chi^2/\text{NDF}: 16.4/8$

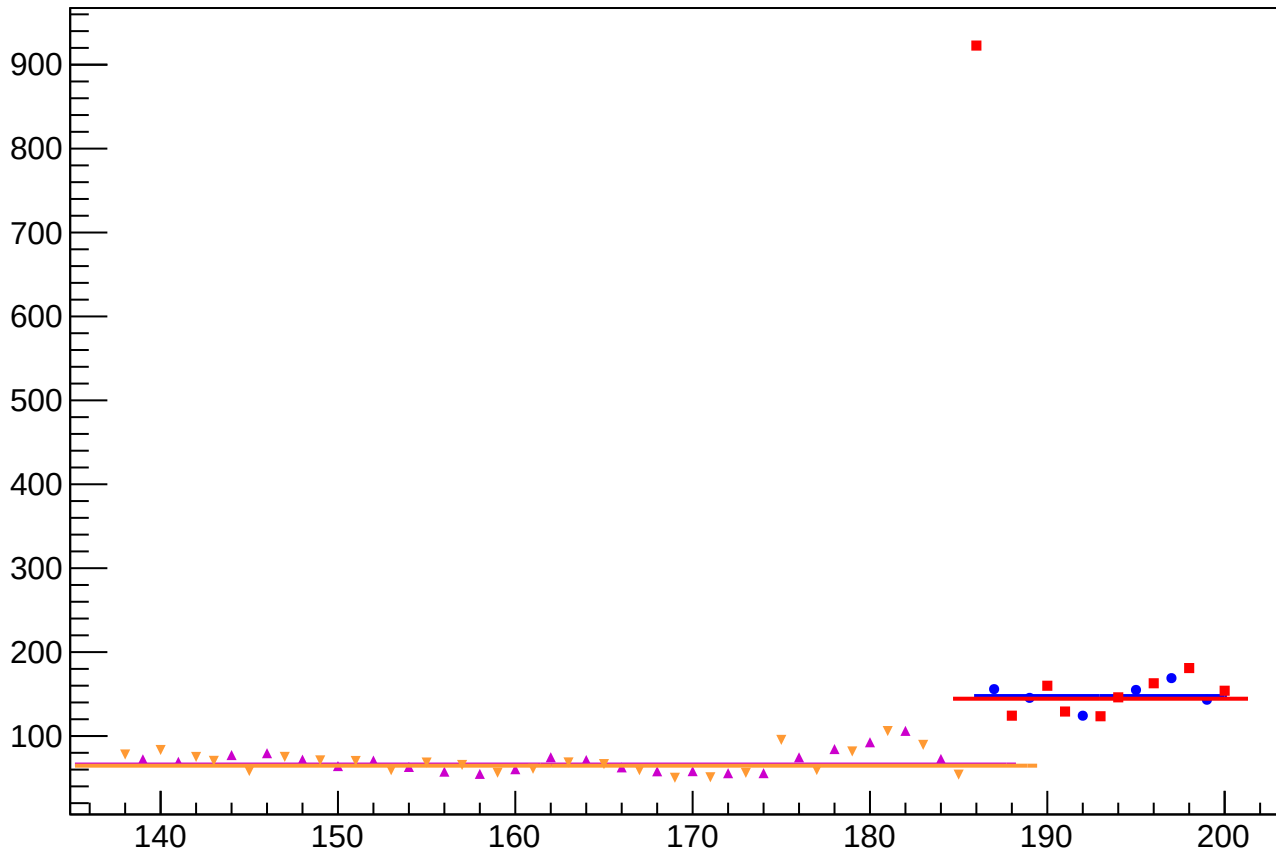
Left In: -41.428 ± 16.130 $\chi^2/\text{NDF}: 21.7/22$

+ sign 14.936 ± 15.241 $\chi^2/\text{NDF}: 27.1/30$

All: -10.014 ± 10.906 $\chi^2/\text{NDF}: 72.4/62$

- sign -36.198 ± 15.613 $\chi^2/\text{NDF}: 39.8/31$

dit_asym_sam_1526_avg_rms vs Slug



Right In: 147.633+/-0.056 χ^2/NDF : 61773.0/5

Left Out: 64.680+/-0.011 χ^2/NDF : 1150386.4/24

Right Out: 144.461+/-0.044 χ^2/NDF : 724816.3/8

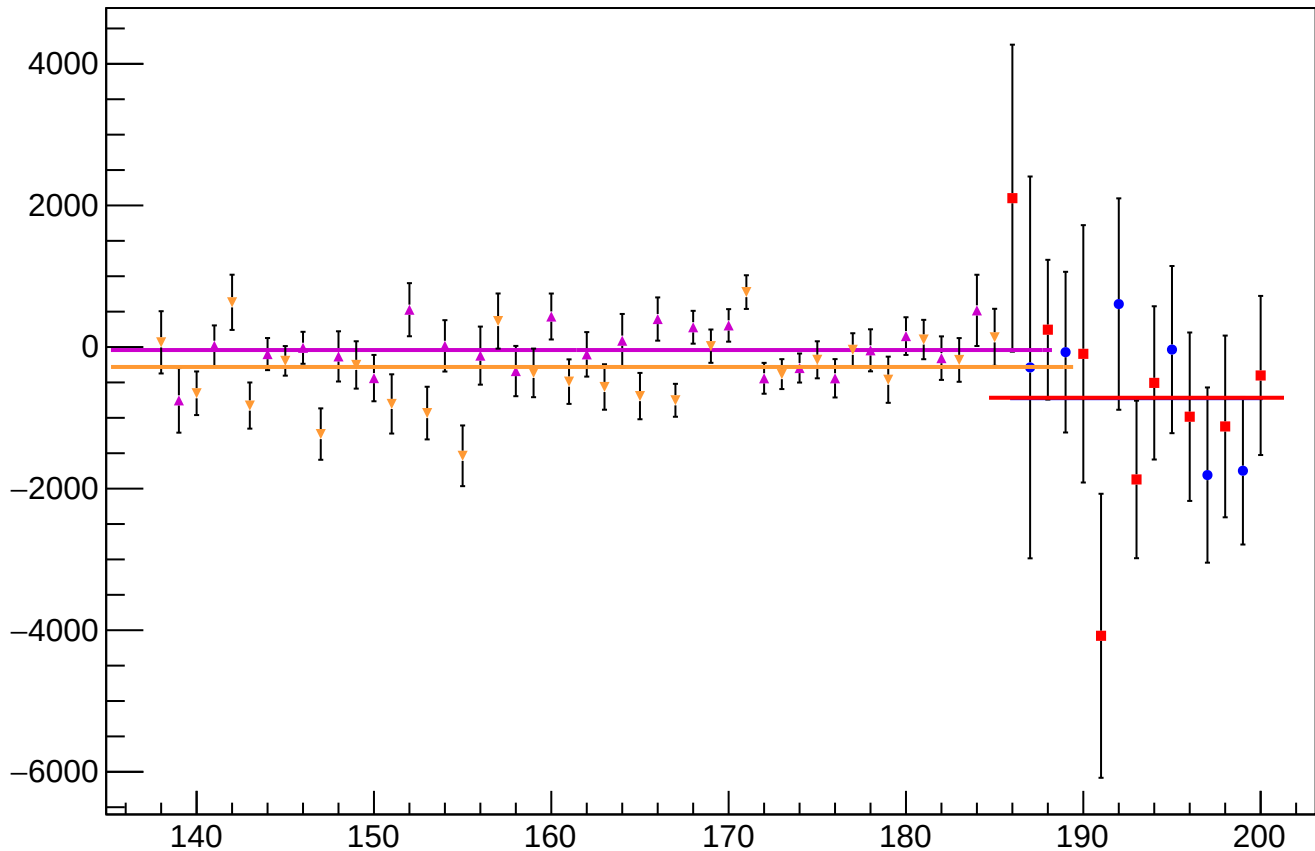
Left In: 66.016+/-0.011 χ^2/NDF : 868433.2/22

+ sign 67.733+/-0.011 χ^2/NDF : 3312394.1/30

All: 69.310+/-0.008 χ^2/NDF : 7933883.9/62

- sign 70.965+/-0.011 χ^2/NDF : 4577590.9/31

asym_sam_1526_avg_correction_mean vs Slug



Right In: -722.359+/-523.148 χ^2/NDF : 3.2/5

Left Out: -281.407+/-59.534 χ^2/NDF : 66.5/24

Right Out: -716.384+/-424.182 χ^2/NDF : 6.9/8

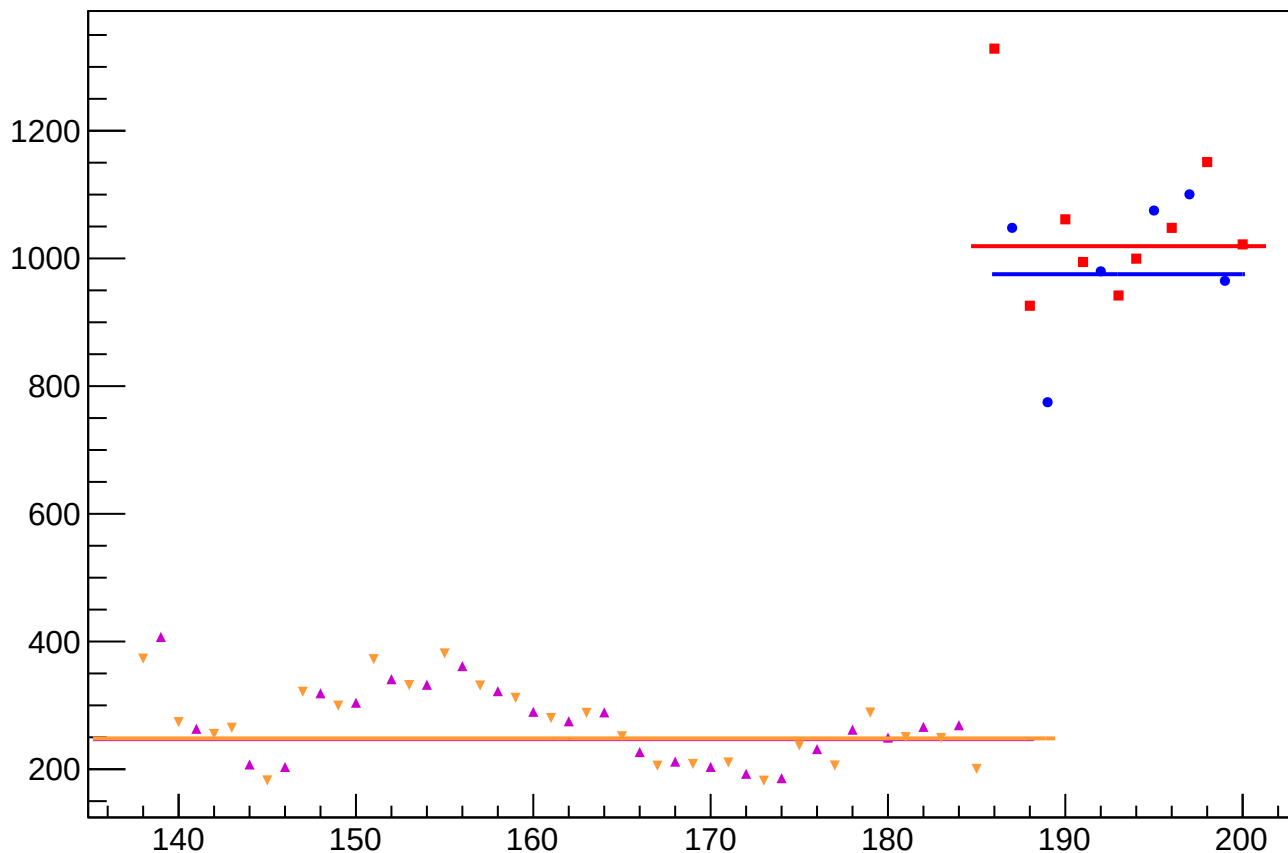
Left In: -42.368+/-60.284 χ^2/NDF : 24.7/22

+ sign -287.044+/-59.152 χ^2/NDF : 70.4/30

All: -172.414+/-42.014 χ^2/NDF : 112.0/62

- sign -55.712+/-59.684 χ^2/NDF : 34.1/31

asym_sam_1526_avg_correction_rms vs Slug



Right In: 975.305 ± 0.370 χ^2/NDF : 98796.8/5

Left Out: 248.297 ± 0.042 χ^2/NDF : 1687698.9/24

Right Out: 1019.208 ± 0.300 χ^2/NDF : 92516.3/8

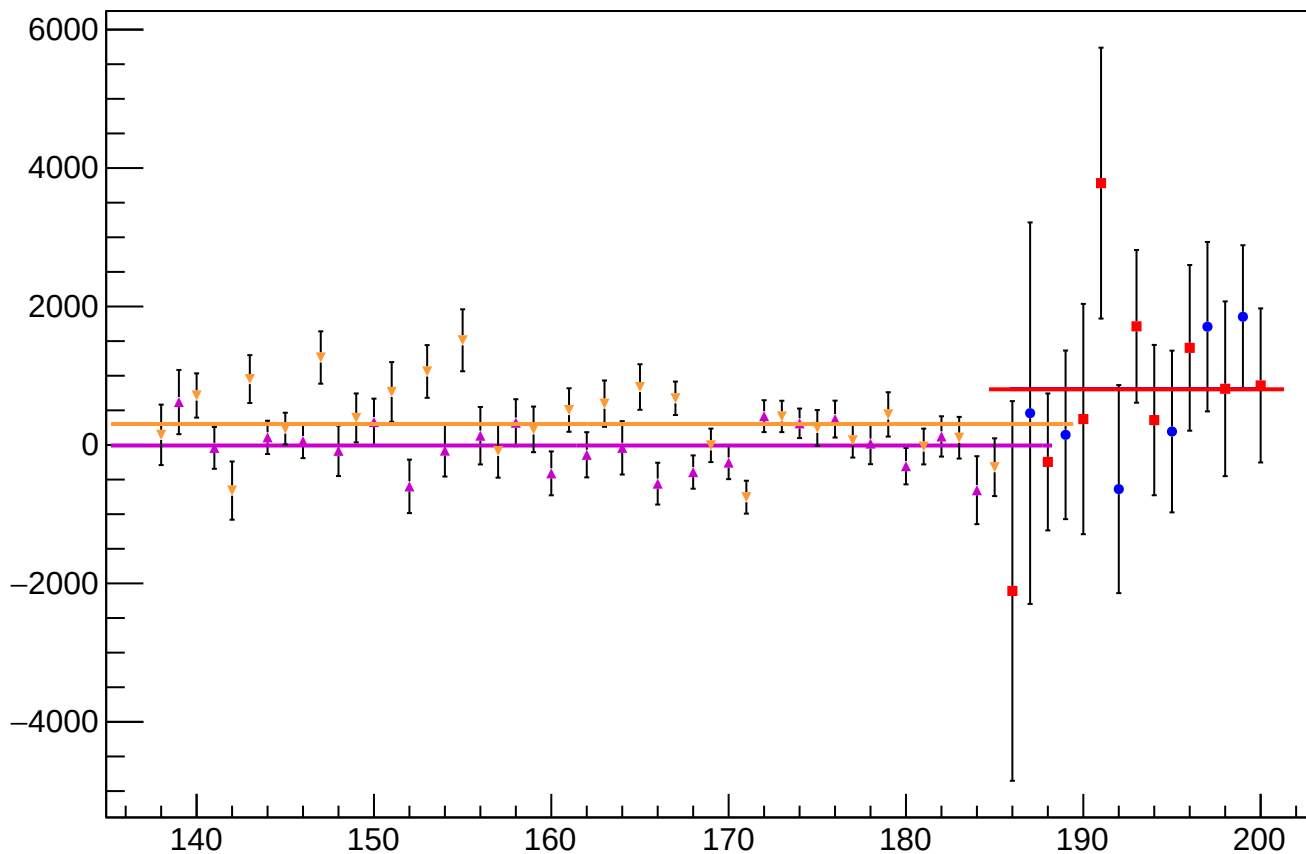
Left In: 247.105 ± 0.043 χ^2/NDF : 1539330.1/22

+ sign 257.591 ± 0.042 χ^2/NDF : 5599542.7/30

All: 259.970 ± 0.030 χ^2/NDF : 13733092.7/62

- sign 262.391 ± 0.042 χ^2/NDF : 8127024.1/31

asym_sam_1526_avg_mean vs Slug



Right In: 806.917 ± 528.133 χ^2/NDF : 3.1/5

Left Out: 302.420 ± 60.991 χ^2/NDF : 63.8/24

Right Out: 804.204 ± 423.302 χ^2/NDF : 5.7/8

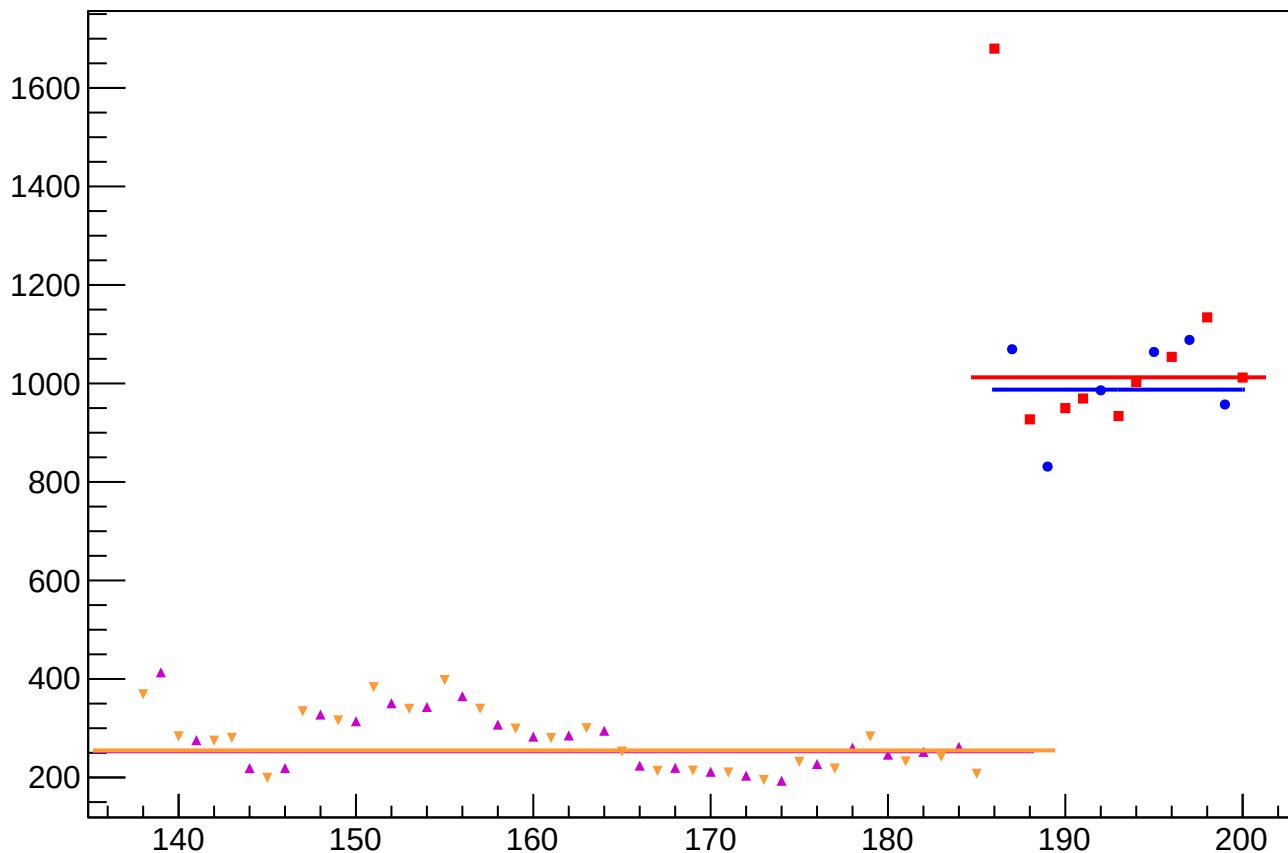
Left In: -7.915 ± 61.726 χ^2/NDF : 26.3/22

+ sign 309.060 ± 60.588 χ^2/NDF : 67.8/30

All: 160.239 ± 43.015 χ^2/NDF : 115.6/62

- sign 8.994 ± 61.080 χ^2/NDF : 35.6/31

asym_sam_1526_avg_rms vs Slug



Right In: 987.477 $\pm$ 0.373 χ^2 /NDF: 58571.1/5

Left Out: 254.937 $\pm$ 0.043 χ^2 /NDF: 1541708.7/24

Right Out: 1012.450 $\pm$ 0.299 χ^2 /NDF: 168432.0/8

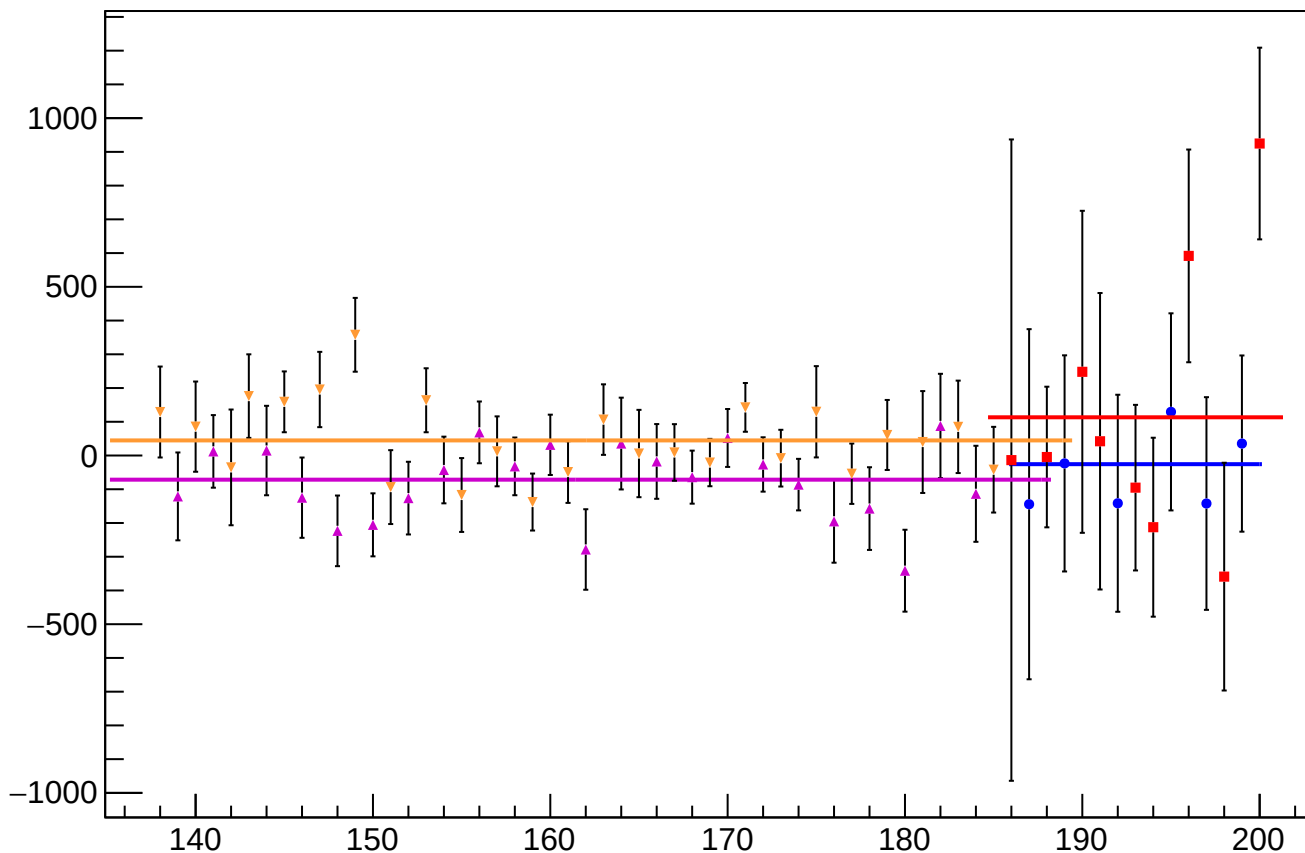
Left In: 253.170 $\pm$ 0.044 χ^2 /NDF: 1366527.6/22

+ sign 264.578 $\pm$ 0.043 χ^2 /NDF: 5397375.2/30

All: 266.761 $\pm$ 0.030 χ^2 /NDF: 13238373.5/62

- sign 268.979 $\pm$ 0.043 χ^2 /NDF: 7835765.9/31

dit_asym_sam_3726_avg_mean vs Slug



Right In: -25.669 ± 129.557 χ^2/NDF : 0.7/5

Left Out: 44.746 ± 20.460 χ^2/NDF : 30.5/24

Right Out: 113.269 ± 102.198 χ^2/NDF : 15.1/8

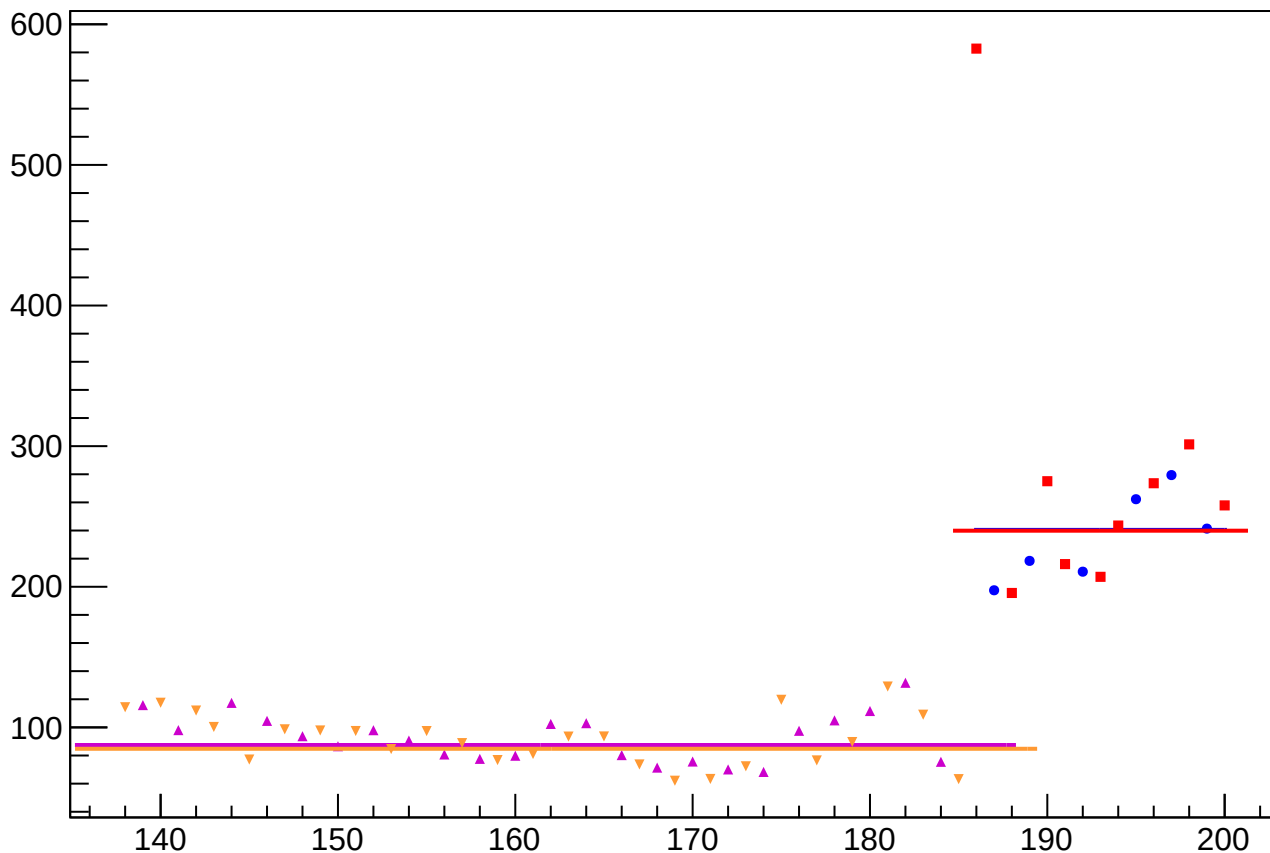
Left In: -71.620 ± 21.469 χ^2/NDF : 23.7/22

+ sign 43.033 ± 20.209 χ^2/NDF : 31.5/30

All: -8.311 ± 14.565 χ^2/NDF : 86.8/62

- sign -63.806 ± 21.010 χ^2/NDF : 41.9/31

dit_asym_sam_3726_avg_rms vs Slug



Right In: 240.448+/-0.092 χ^2/NDF : 82007.9/5

Left Out: 84.793+/-0.014 χ^2/NDF :1382881.3/24

Right Out: 239.878+/-0.072 χ^2/NDF : 500389.7/8

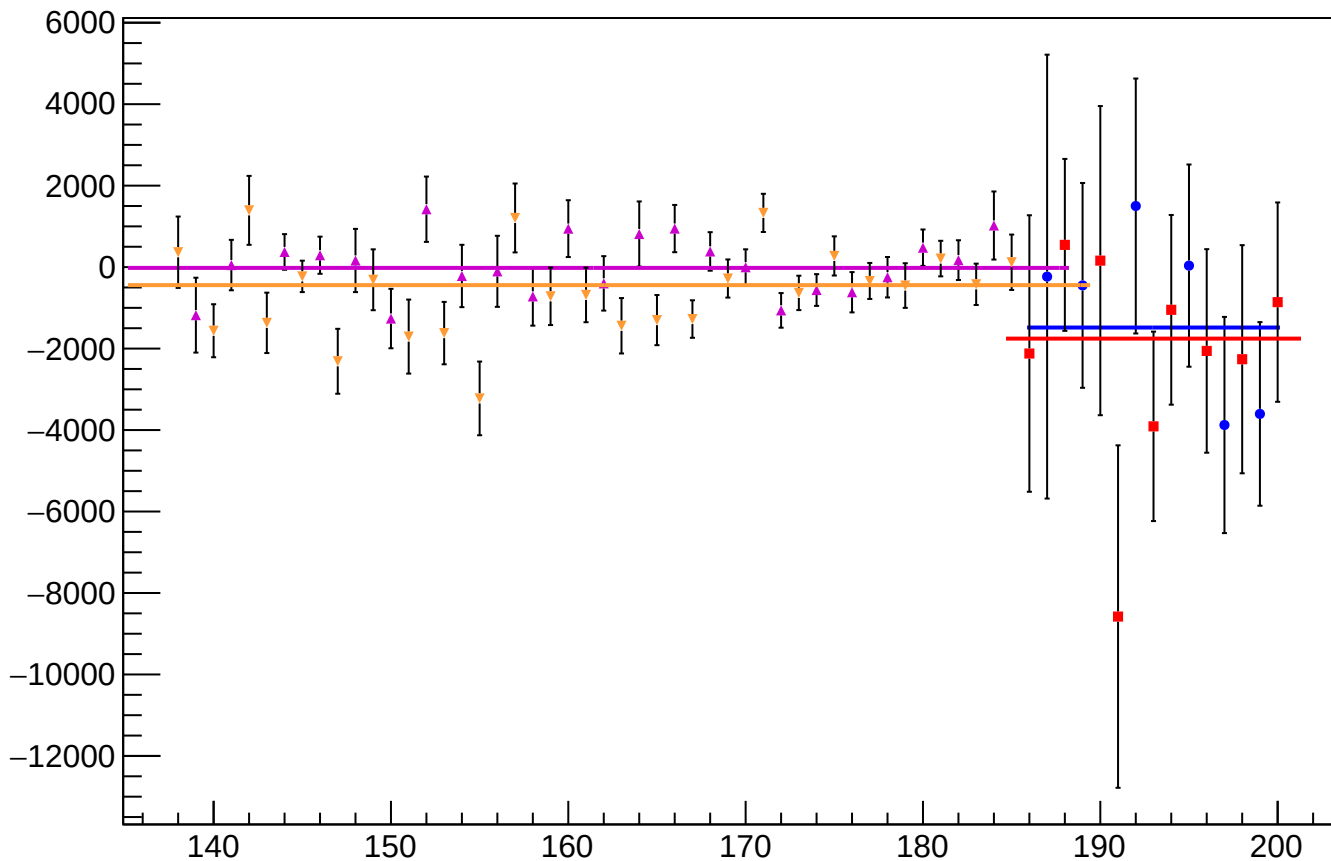
Left In: 87.477+/-0.015 χ^2/NDF :1056450.2/22

+ sign 88.580+/-0.014 χ^2/NDF : 4281570.6/30

All: 91.145+/-0.010 χ^2/NDF : 10165064.1/62

- sign 93.918+/-0.015 χ^2/NDF : 5816426.4/31

asym_sam_3726_avg_correction_mean vs Slug



Right In: -1483.303+/-1121.427 χ^2/NDF : 3.2/5

Left Out: -442.284+/-115.425 χ^2/NDF : 60.9/24

Right Out: -1755.106+/-890.357 χ^2/NDF : 5.2/8

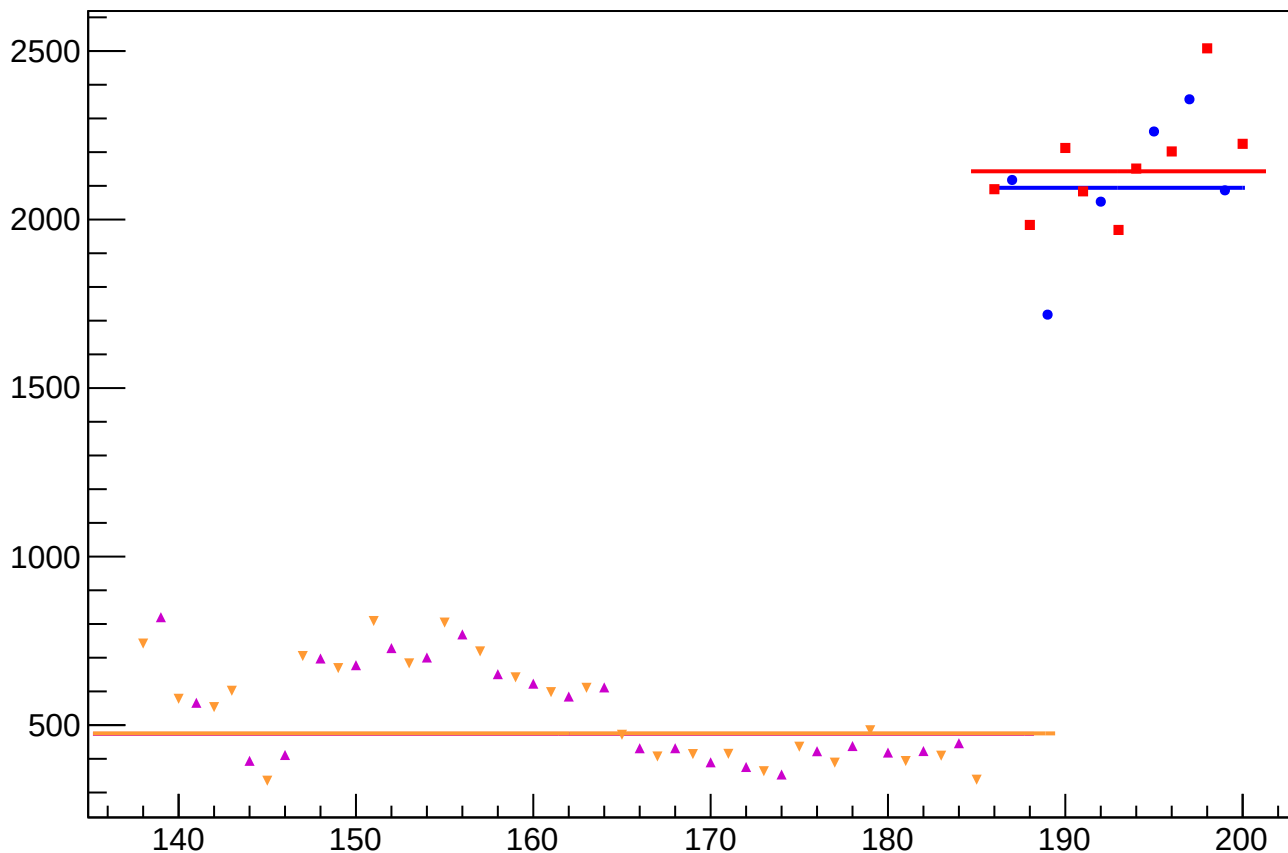
Left In: -19.322+/-116.820 χ^2/NDF : 29.5/22

+ sign -453.197+/-114.818 χ^2/NDF : 65.0/30

All: -252.718+/-81.543 χ^2/NDF : 109.6/62

- sign -48.698+/-115.828 χ^2/NDF : 38.4/31

asym_sam_3726_avg_correction_rms vs Slug



Right In: 2094.202 $\pm$ 0.793 χ^2 /NDF: 73853.6/5

Left Out: 475.415 $\pm$ 0.082 χ^2 /NDF:2509706.1/24

Right Out: 2143.179 $\pm$ 0.630 χ^2 /NDF: 61430.3/8

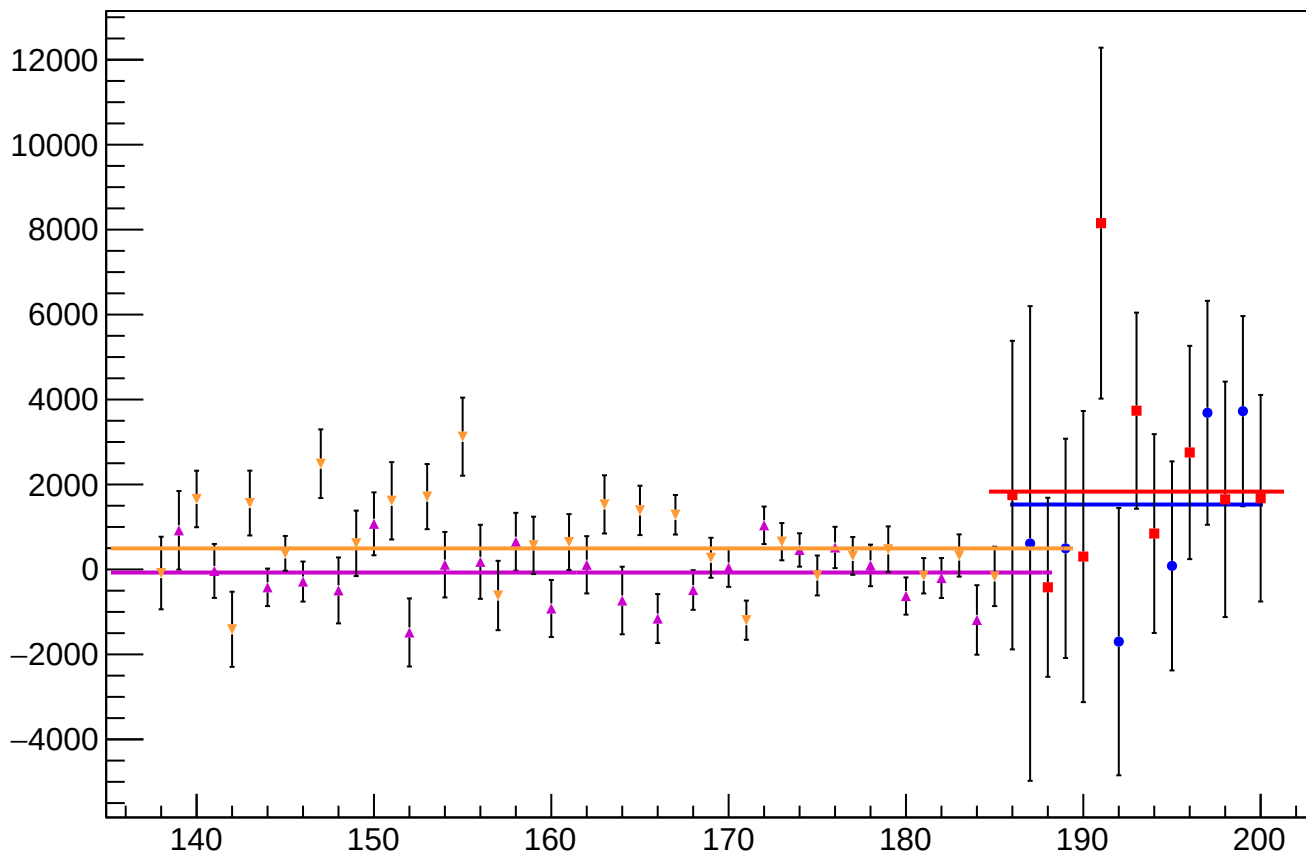
Left In: 473.947 $\pm$ 0.083 χ^2 /NDF:2174476.6/22

+ sign 492.385 $\pm$ 0.081 χ^2 /NDF: 6707294.9/30

All: 497.248 $\pm$ 0.058 χ^2 /NDF: 15861155.6/62

- sign 502.196 $\pm$ 0.082 χ^2 /NDF: 9146622.3/31

asym_sam_3726_avg_mean vs Slug



Right In: 1528.726 $\pm$ 1123.925 χ^2 /NDF: 3.2/5

Left Out: 495.259 $\pm$ 115.521 χ^2 /NDF: 57.2/24

Right Out: 1832.557 $\pm$ 886.387 χ^2 /NDF: 4.7/8

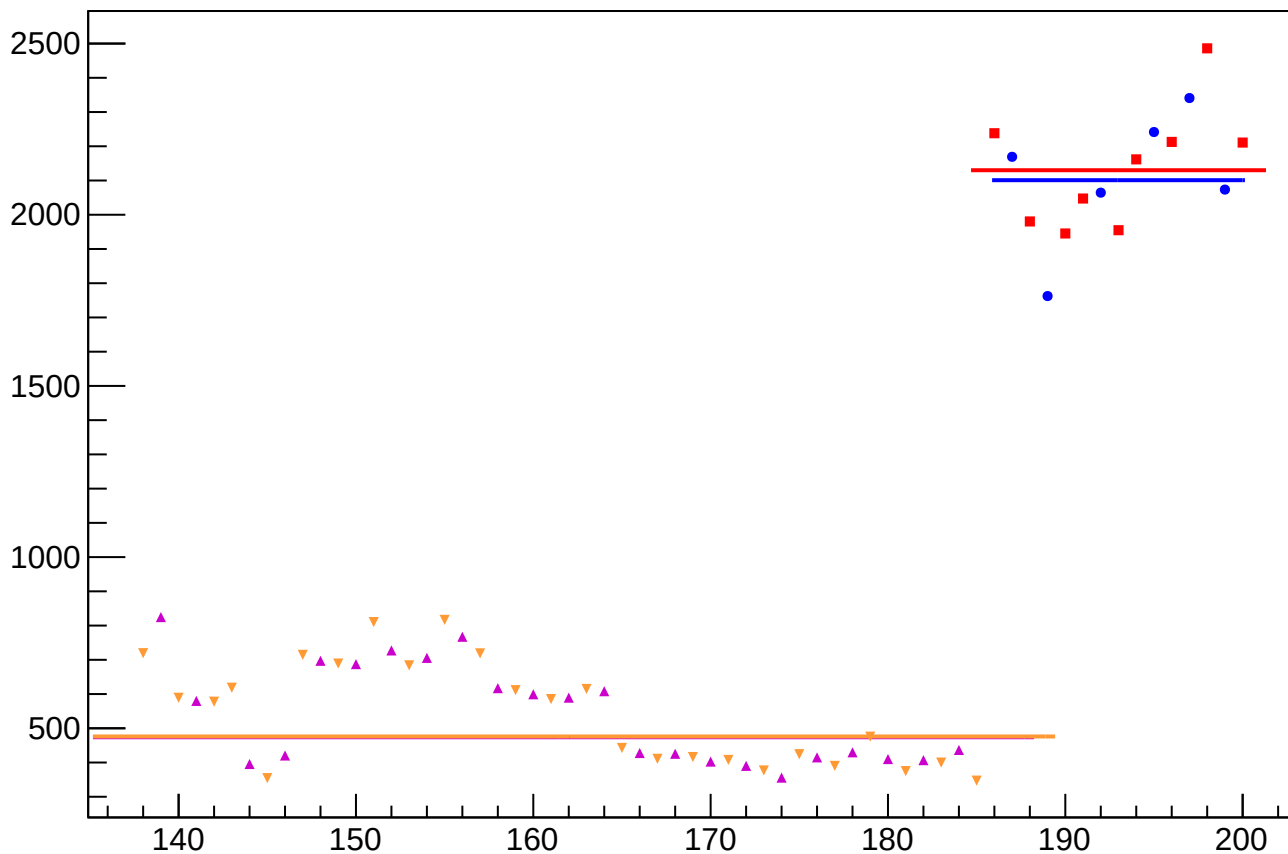
Left In: -72.627 $\pm$ 116.927 χ^2 /NDF: 29.1/22

+ sign 506.063 $\pm$ 114.916 χ^2 /NDF: 61.2/30

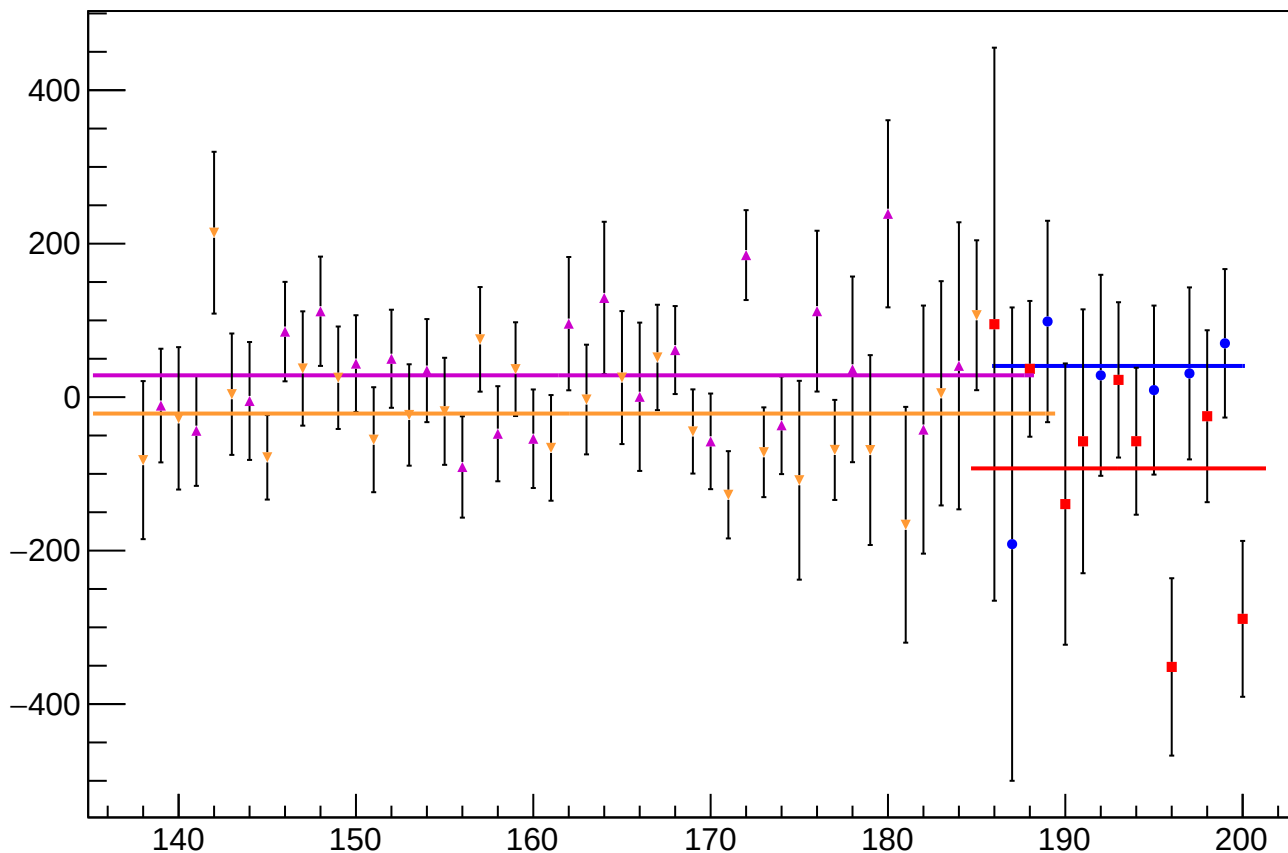
All: 235.393 $\pm$ 81.612 χ^2 /NDF: 110.7/62

- sign -40.041 $\pm$ 115.923 χ^2 /NDF: 38.3/31

asym_sam_3726_avg_rms vs Slug



dit_asym_sam_15_48_dd_mean vs Slug



Right In: 40.638 ± 50.269 $\chi^2/\text{NDF}: 1.0/5$

Left Out: -21.397 ± 14.800 $\chi^2/\text{NDF}: 20.9/24$

Right Out: -92.866 ± 39.008 $\chi^2/\text{NDF}: 13.1/8$

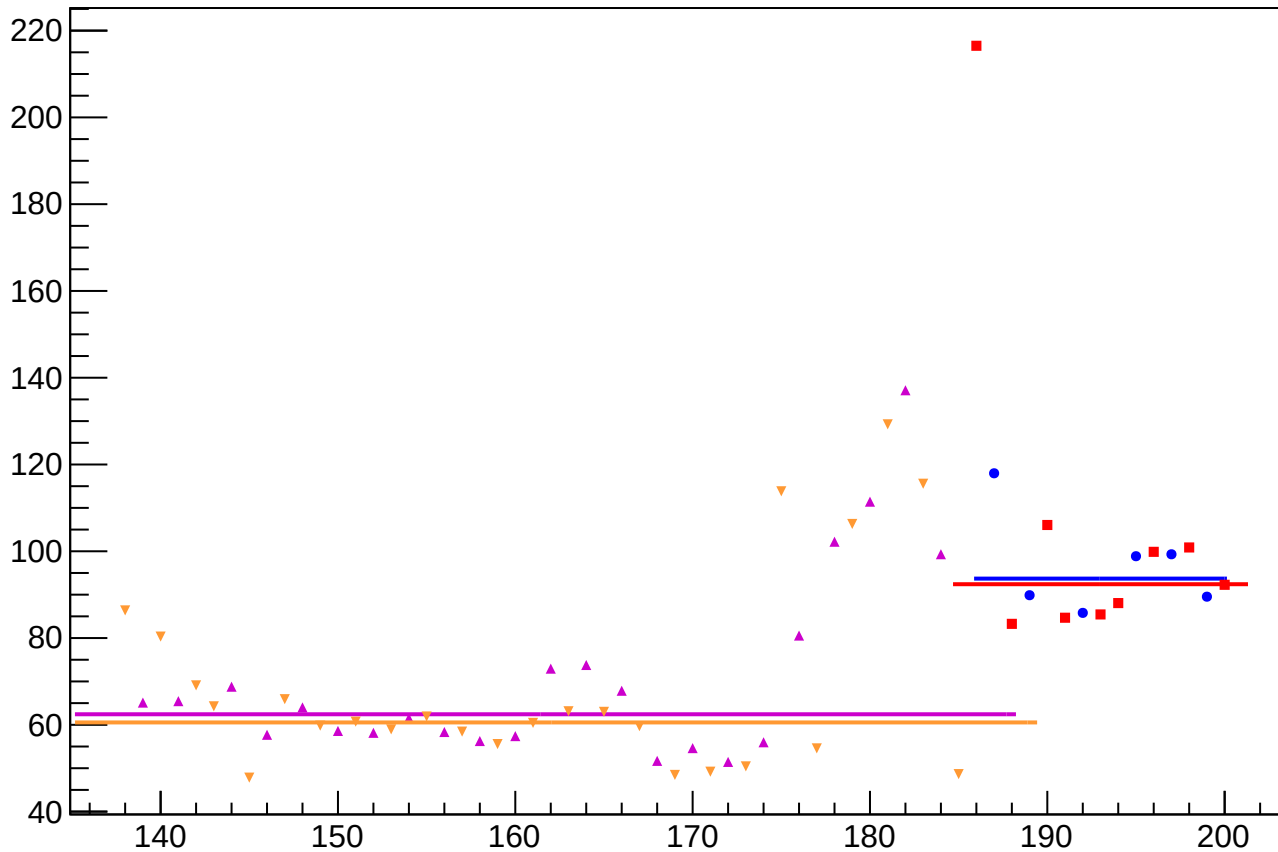
Left In: 28.435 ± 15.494 $\chi^2/\text{NDF}: 26.2/22$

+ sign -16.449 ± 14.197 $\chi^2/\text{NDF}: 23.2/30$

All: -2.472 ± 10.110 $\chi^2/\text{NDF}: 72.8/62$

- sign 11.906 ± 14.399 $\chi^2/\text{NDF}: 47.6/31$

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 93.699+/-0.036 χ^2/NDF : 34470.0/5

Left Out: 60.551+/-0.010 χ^2/NDF : 1951663.1/24

Right Out: 92.408+/-0.028 χ^2/NDF : 307020.4/8

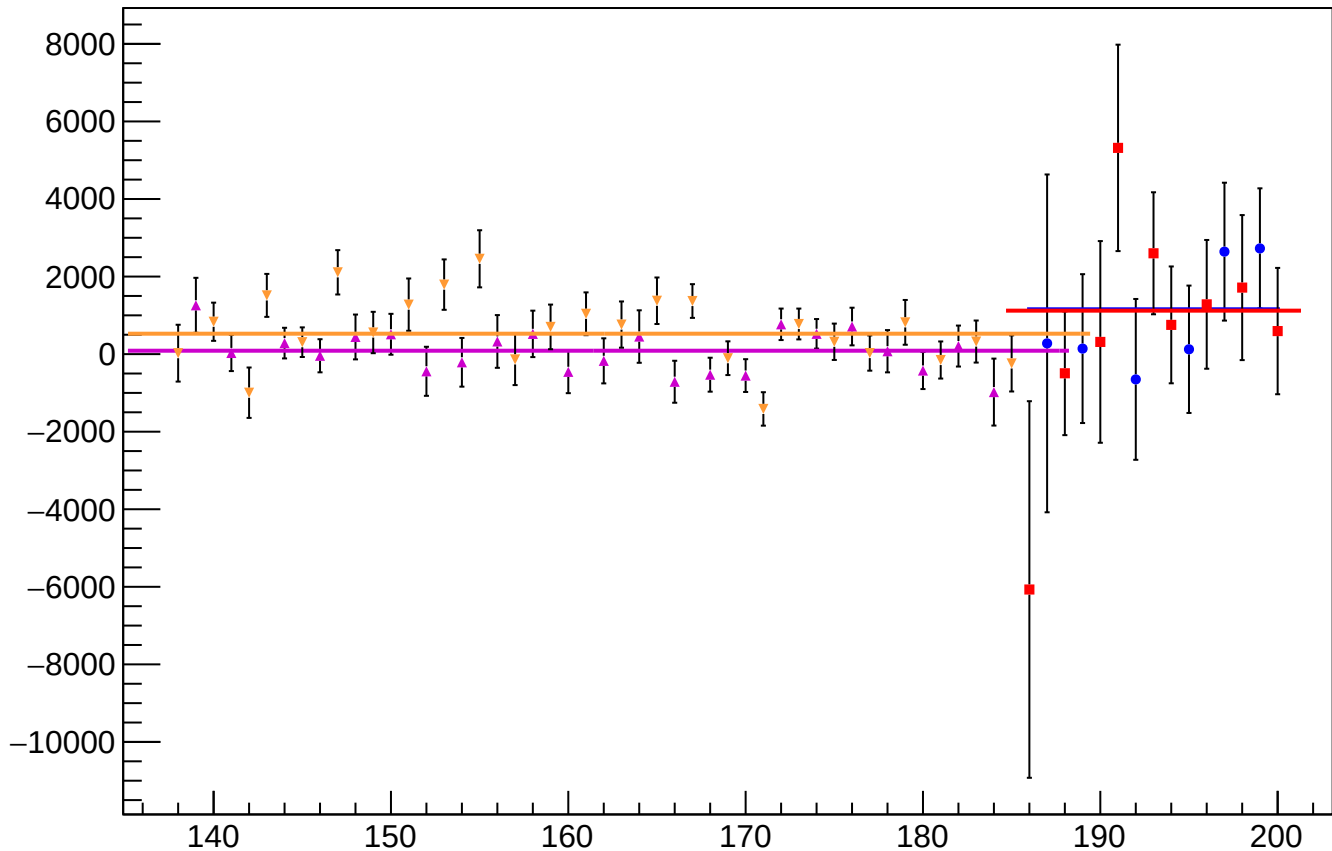
Left In: 62.435+/-0.011 χ^2/NDF : 1445748.2/22

+ sign 63.195+/-0.010 χ^2/NDF : 2786448.5/30

All: 64.833+/-0.007 χ^2/NDF : 5613232.5/62

- sign 66.519+/-0.010 χ^2/NDF : 2772737.8/31

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 1156.159 $\pm$ 776.030 χ^2 /NDF: 3.2/5

Left Out: 526.705 $\pm$ 105.414 χ^2 /NDF: 65.0/24

Right Out: 1121.155 $\pm$ 620.766 χ^2 /NDF: 7.0/8

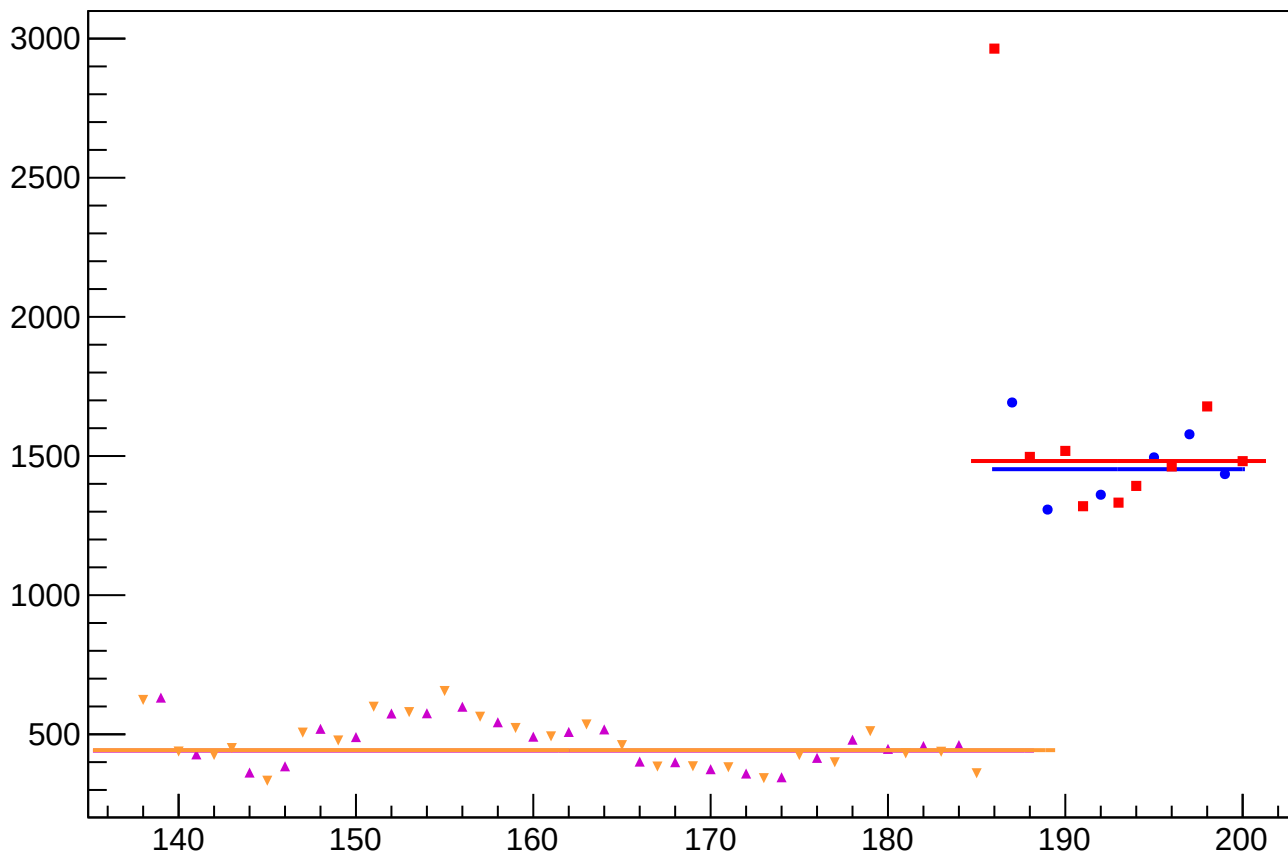
Left In: 87.989 $\pm$ 106.843 χ^2 /NDF: 22.1/22

+ sign 538.110 $\pm$ 104.455 χ^2 /NDF: 68.8/30

All: 329.594 $\pm$ 74.156 χ^2 /NDF: 108.7/62

- sign 117.714 $\pm$ 105.294 χ^2 /NDF: 31.8/31

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1452.672 $\pm$ 0.549 χ^2 /NDF: 32967.0/5

Left Out: 443.031 $\pm$ 0.075 χ^2 /NDF: 1171662.6/24

Right Out: 1482.040 $\pm$ 0.439 χ^2 /NDF: 241750.6/8

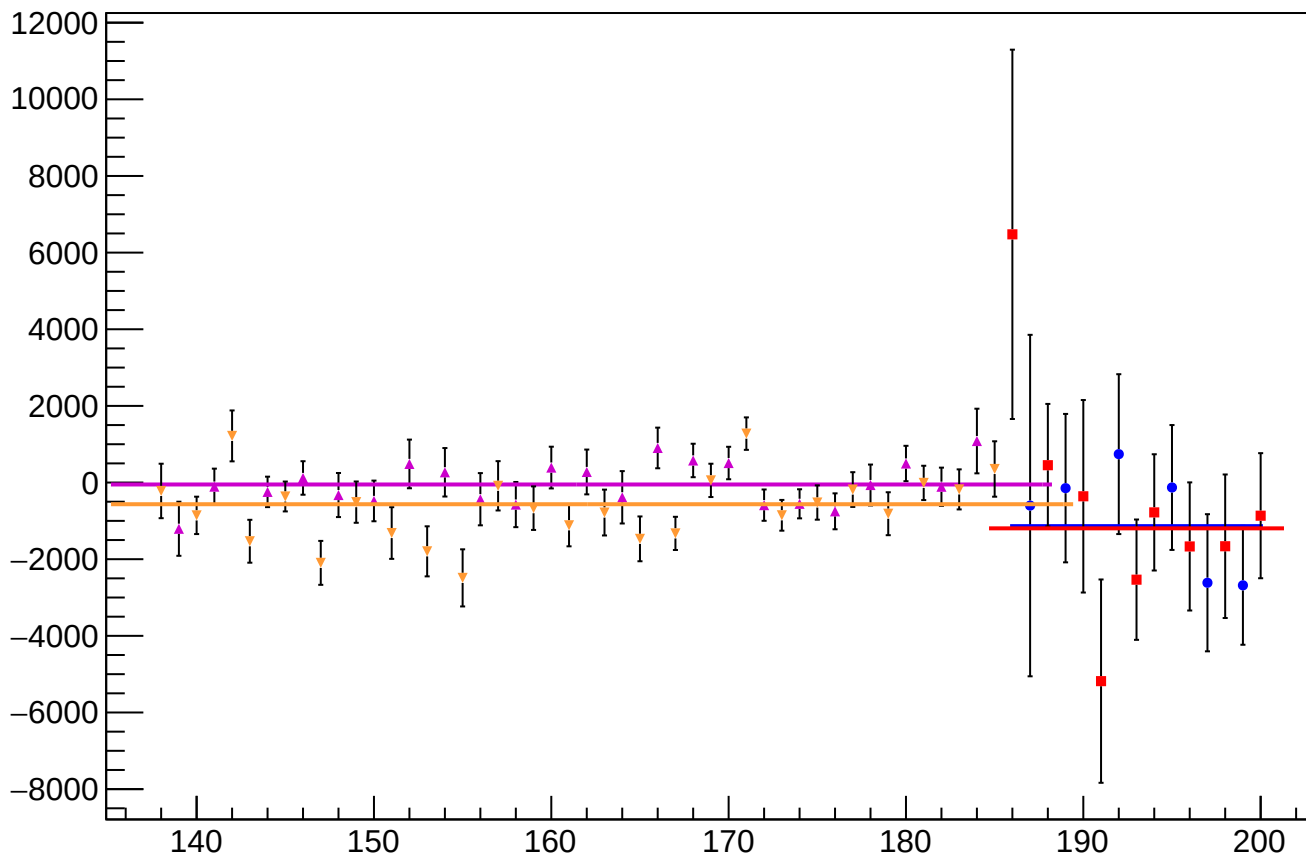
Left In: 441.359 $\pm$ 0.076 χ^2 /NDF: 1035839.5/22

+ sign 461.324 $\pm$ 0.074 χ^2 /NDF: 4528667.6/30

All: 466.272 $\pm$ 0.052 χ^2 /NDF: 11274520.4/62

- sign 471.300 $\pm$ 0.074 χ^2 /NDF: 6736803.3/31

asym_sam_15_48_dd_mean vs Slug



Right In: -1137.421+/-778.112 χ^2/NDF : 3.1/5

Left Out: -565.545+/-104.460 χ^2/NDF : 62.9/24

Right Out: -1195.054+/-620.943 χ^2/NDF : 7.0/8

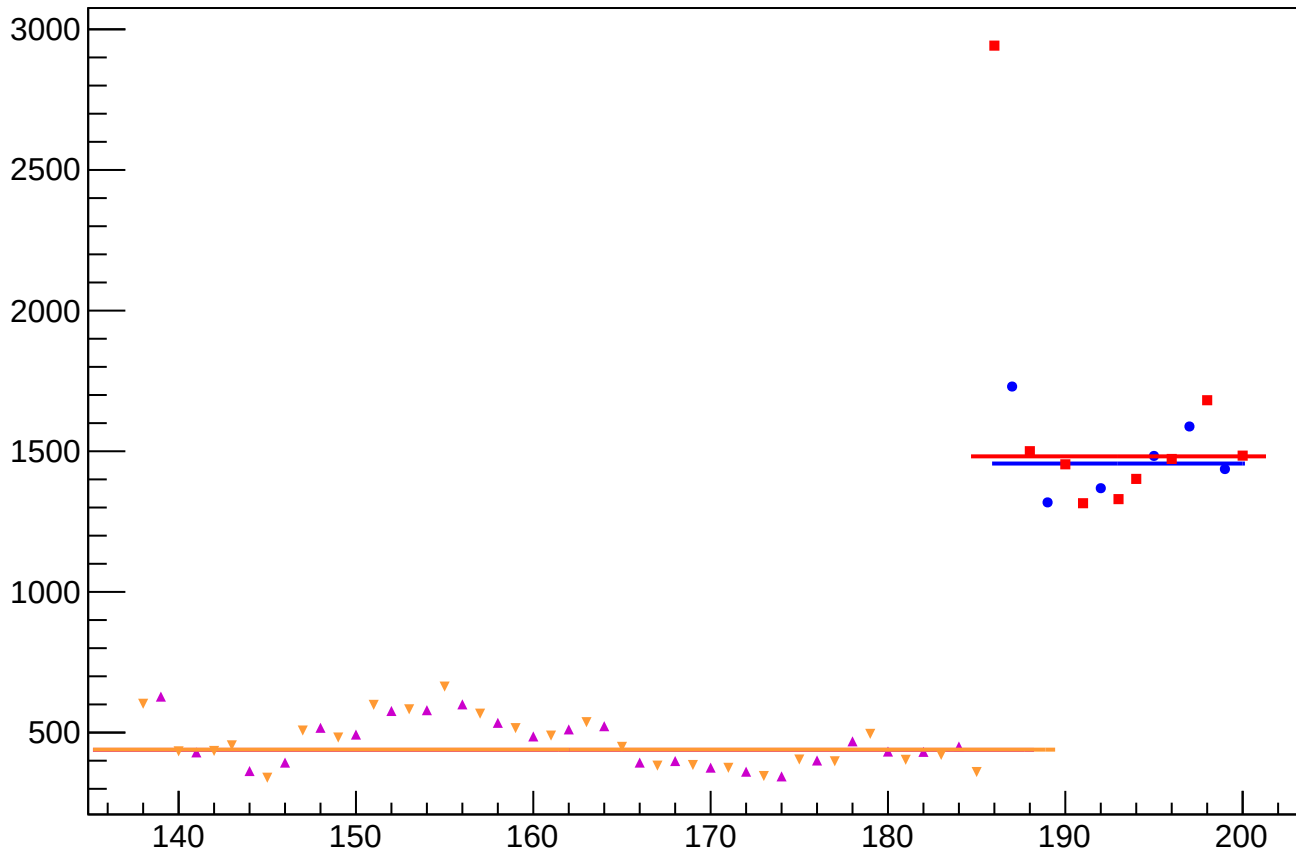
Left In: -50.387+/-106.218 χ^2/NDF : 23.3/22

+ sign -575.669+/-103.532 χ^2/NDF : 66.6/30

All: -332.058+/-73.617 χ^2/NDF : 111.3/62

- sign -82.930+/-104.697 χ^2/NDF : 33.5/31

asym_sam_15_48_dd_rms vs Slug



Right In: 1456.368+/-0.550 χ^2/NDF : 32969.2/5

Left Out: 439.314+/-0.074 χ^2/NDF : 1164031.3/24

Right Out: 1481.876+/-0.439 χ^2/NDF : 239156.0/8

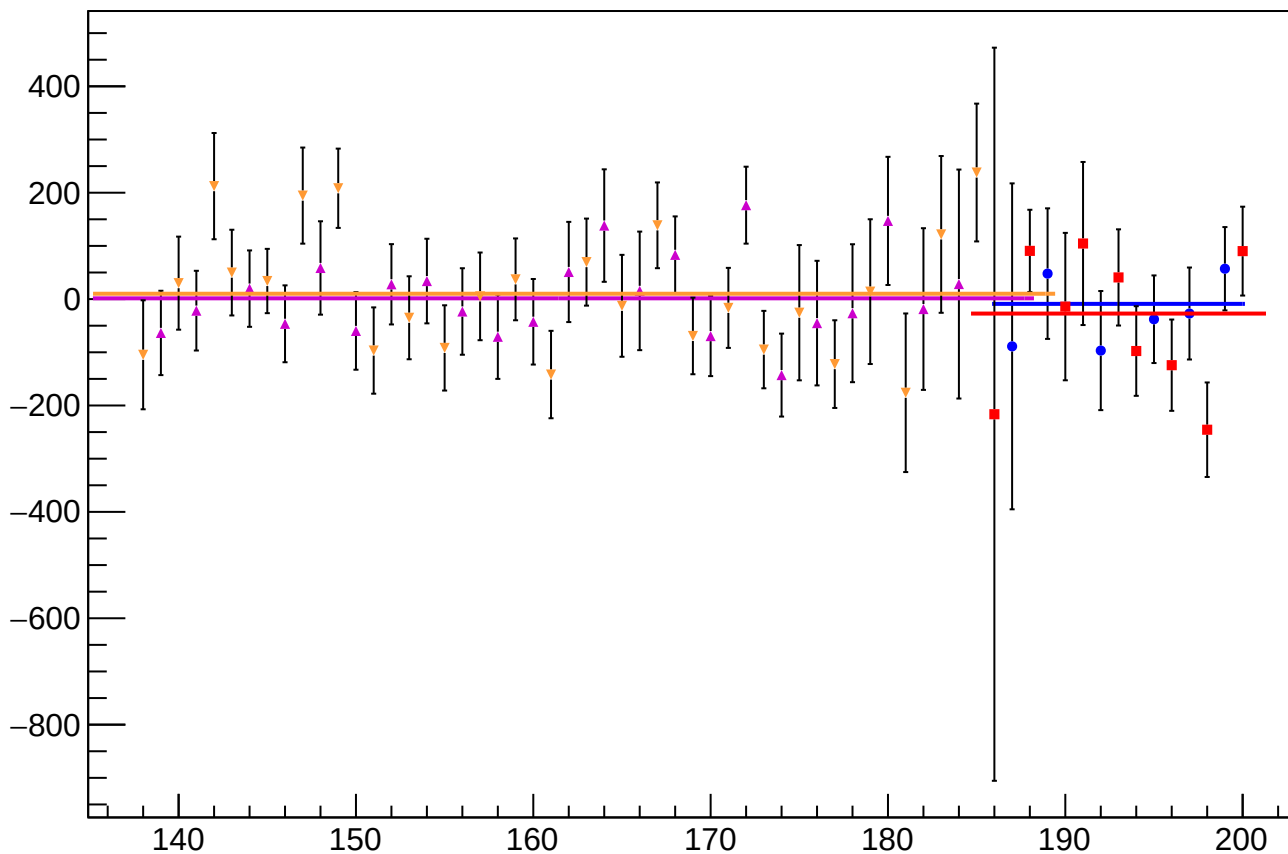
Left In: 438.365+/-0.075 χ^2/NDF : 1024661.1/22

+ sign 457.320+/-0.073 χ^2/NDF : 4553424.9/30

All: 462.615+/-0.052 χ^2/NDF : 11315596.1/62

- sign 468.031+/-0.074 χ^2/NDF : 6751586.6/31

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -8.966 ± 40.788 χ^2/NDF : 1.8/5

Left Out: 10.078 ± 17.207 χ^2/NDF : 38.7/24

Right Out: -27.200 ± 32.733 χ^2/NDF : 13.7/8

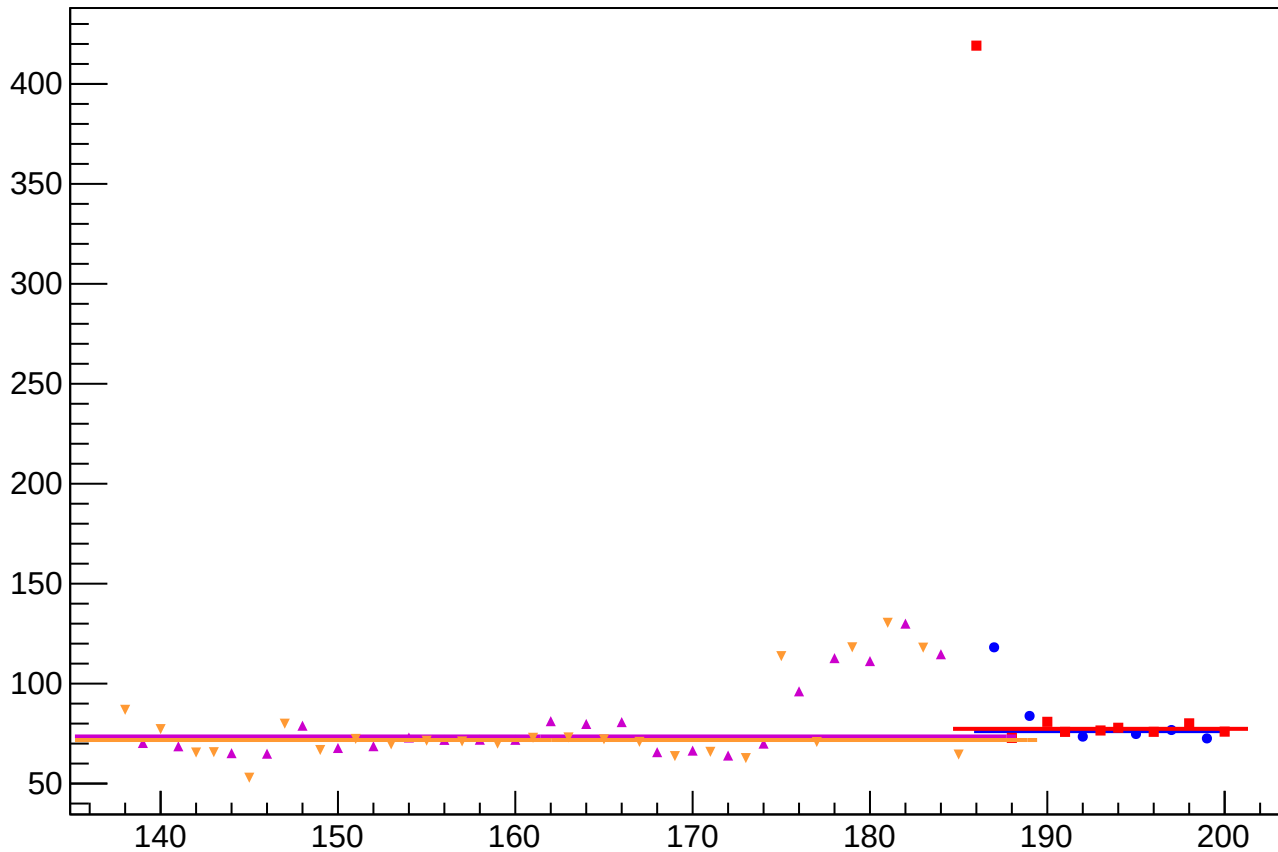
Left In: 1.434 ± 17.926 χ^2/NDF : 19.0/22

+ sign 7.201 ± 15.854 χ^2/NDF : 40.7/30

All: 0.963 ± 11.164 χ^2/NDF : 74.3/62

- sign -5.172 ± 15.723 χ^2/NDF : 33.3/31

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 76.231 $\pm$ 0.029 χ^2 /NDF: 51349.1/5

Left Out: 71.785 $\pm$ 0.012 χ^2 /NDF: 1325726.8/24

Right Out: 77.376 $\pm$ 0.023 χ^2 /NDF: 503672.1/8

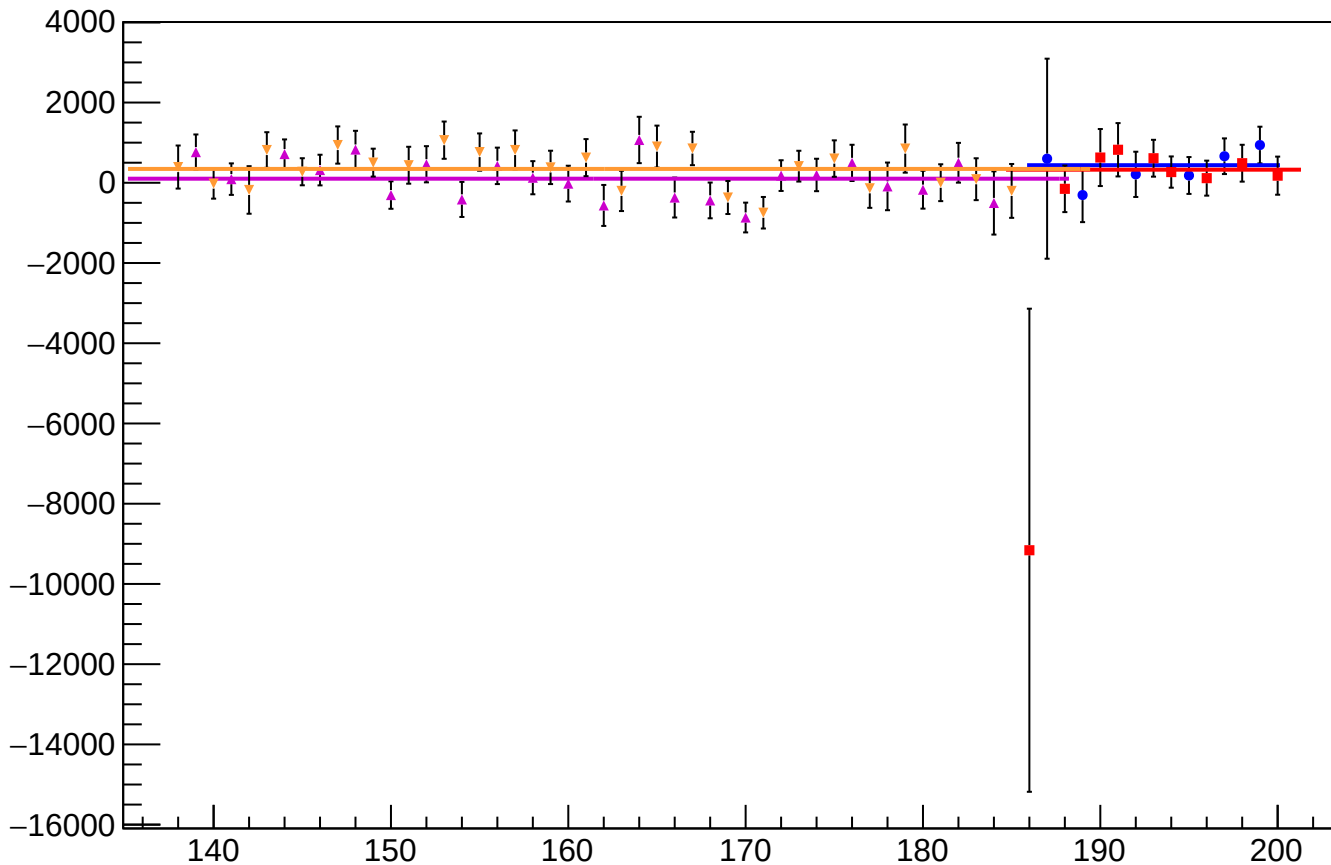
Left In: 73.558 $\pm$ 0.013 χ^2 /NDF: 1009353.9/22

+ sign 72.457 $\pm$ 0.011 χ^2 /NDF: 1397252.2/30

All: 73.456 $\pm$ 0.008 χ^2 /NDF: 2946975.8/62

- sign 74.439 $\pm$ 0.011 χ^2 /NDF: 1533956.4/31

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 438.091 $\pm$ 223.168 χ^2 /NDF: 3.2/5

Left Out: 345.360 $\pm$ 89.857 χ^2 /NDF: 27.4/24

Right Out: 326.356 $\pm$ 174.095 χ^2 /NDF: 4.8/8

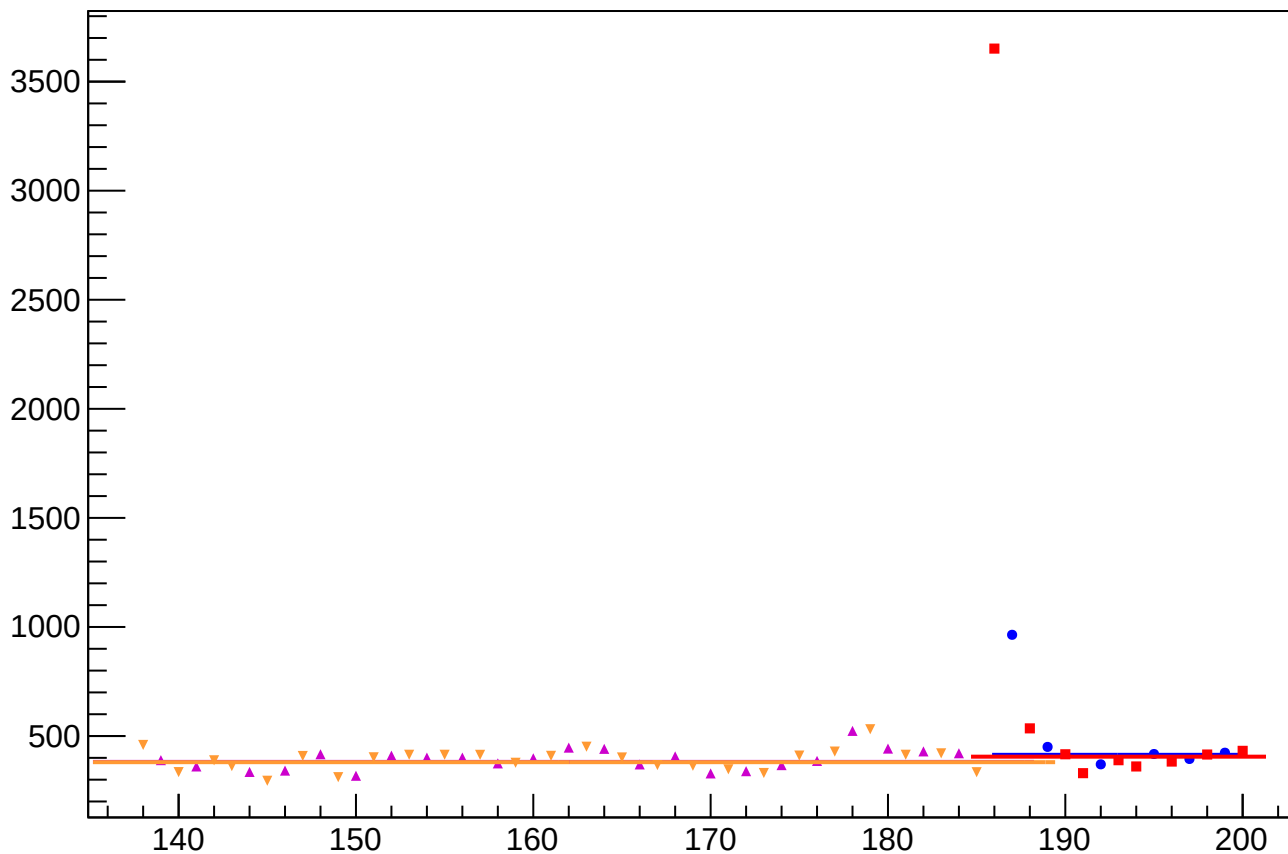
Left In: 101.648 $\pm$ 91.670 χ^2 /NDF: 28.1/22

+ sign 358.296 $\pm$ 83.354 χ^2 /NDF: 30.7/30

All: 251.529 $\pm$ 58.132 χ^2 /NDF: 68.0/62

- sign 150.426 $\pm$ 81.113 χ^2 /NDF: 34.1/31

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 413.879+/-0.158 χ^2/NDF : 119782.8/5

Left Out: 380.206+/-0.064 χ^2/NDF : 616620.6/24

Right Out: 405.452+/-0.123 χ^2/NDF : 749145.9/8

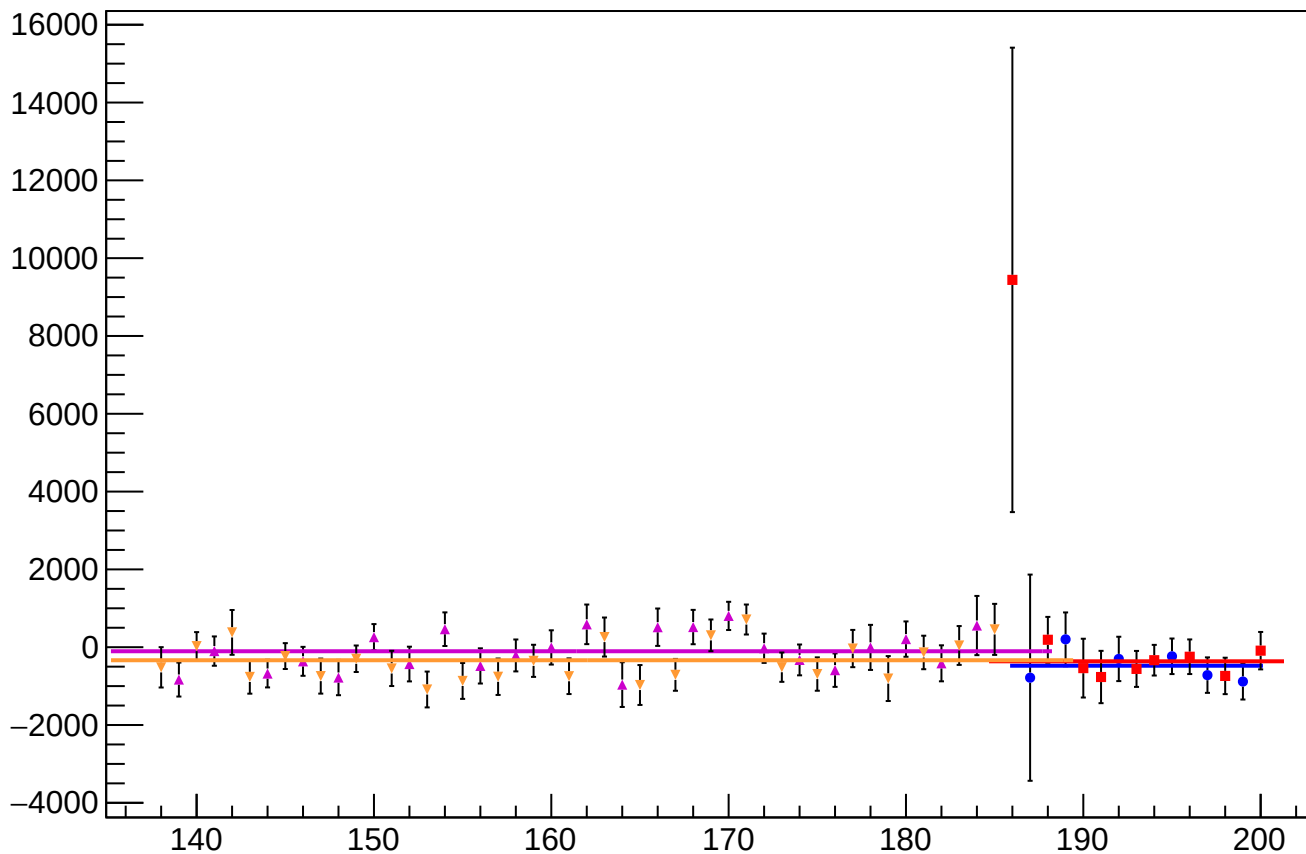
Left In: 381.474+/-0.065 χ^2/NDF : 461021.8/22

+ sign 384.904+/-0.059 χ^2/NDF : 775583.5/30

All: 385.816+/-0.041 χ^2/NDF : 2015919.3/62

- sign 386.679+/-0.057 χ^2/NDF : 1239869.9/31

asym_sam_37_48_dd_mean vs Slug



Right In: -475.894+/-225.839 χ^2/NDF : 2.4/5

Left Out: -335.242+/-87.706 χ^2/NDF : 28.3/24

Right Out: -362.305+/-176.948 χ^2/NDF : 5.2/8

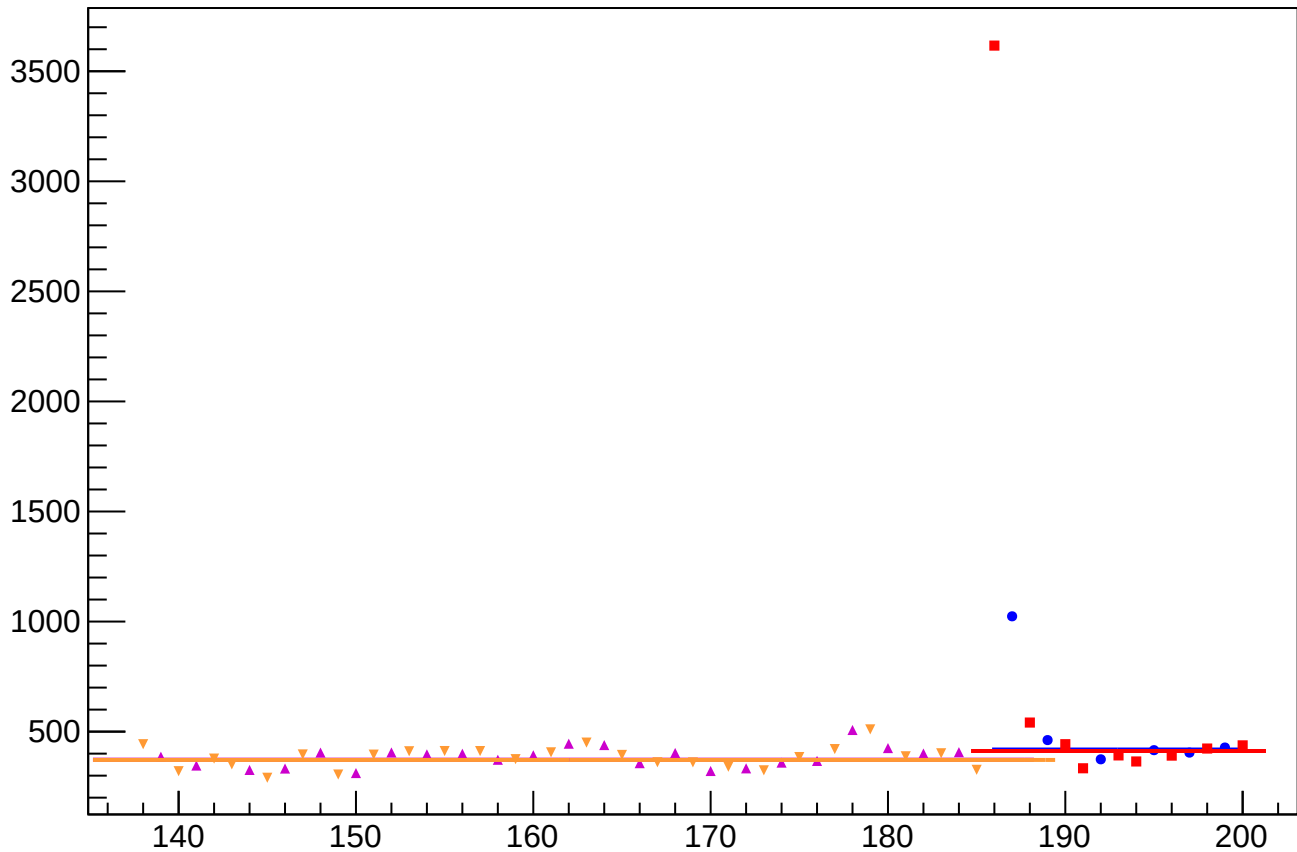
Left In: -104.117+/-89.613 χ^2/NDF : 29.7/22

+ sign -353.675+/-81.757 χ^2/NDF : 31.1/30

All: -253.042+/-57.160 χ^2/NDF : 70.6/62

- sign -156.820+/-79.946 χ^2/NDF : 36.6/31

asym_sam_37_48_dd_rms vs Slug



Right In: 418.683 $\pm$ 0.160 χ^2 /NDF: 126902.4/5

Left Out: 371.375 $\pm$ 0.062 χ^2 /NDF: 604123.3/24

Right Out: 411.977 $\pm$ 0.125 χ^2 /NDF: 747885.8/8

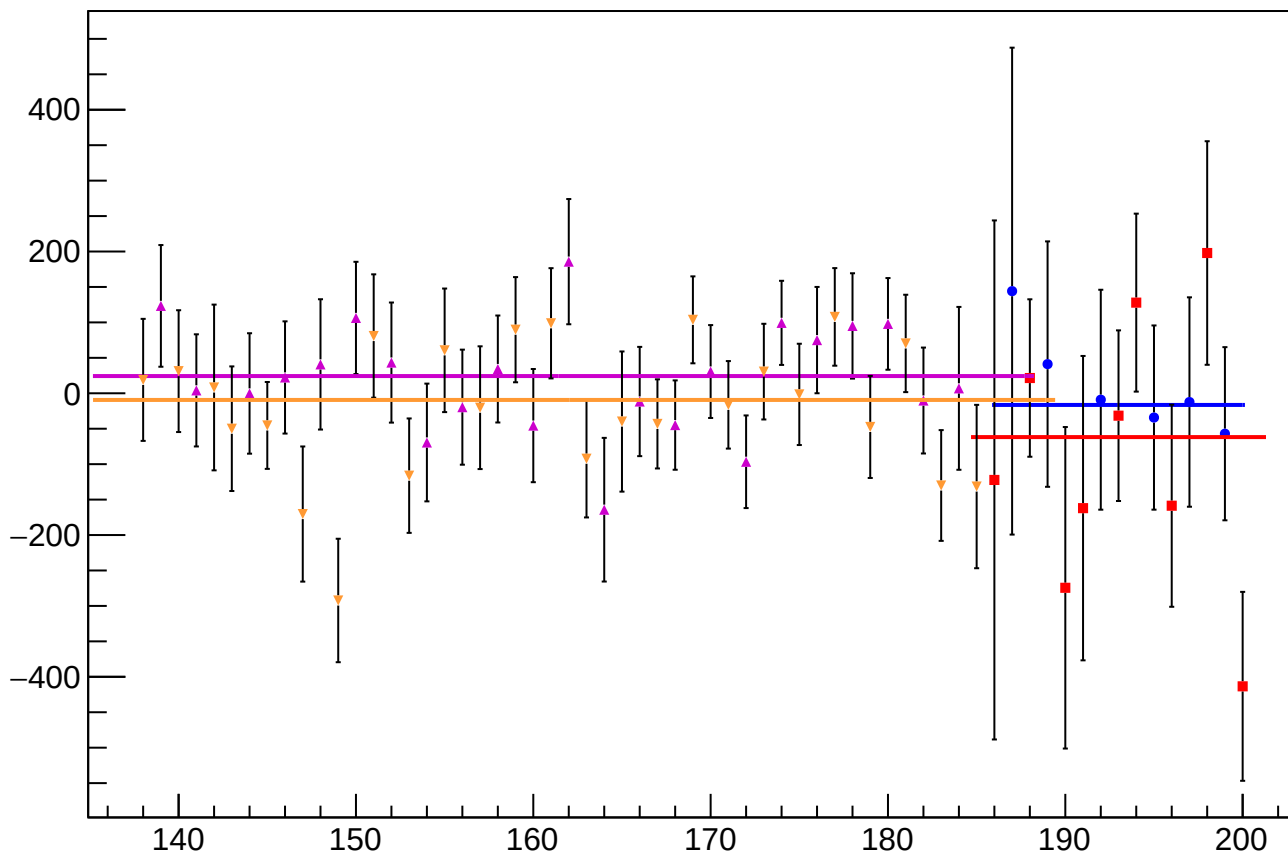
Left In: 372.574 $\pm$ 0.063 χ^2 /NDF: 464397.2/22

+ sign 377.575 $\pm$ 0.058 χ^2 /NDF: 807283.8/30

All: 379.130 $\pm$ 0.040 χ^2 /NDF: 2099913.2/62

- sign 380.617 $\pm$ 0.057 χ^2 /NDF: 1291213.9/31

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -16.447 ± 62.564 χ^2/NDF : 0.5/5

Left Out: -9.398 ± 15.471 χ^2/NDF : 34.7/24

Right Out: -61.810 ± 49.518 χ^2/NDF : 14.2/8

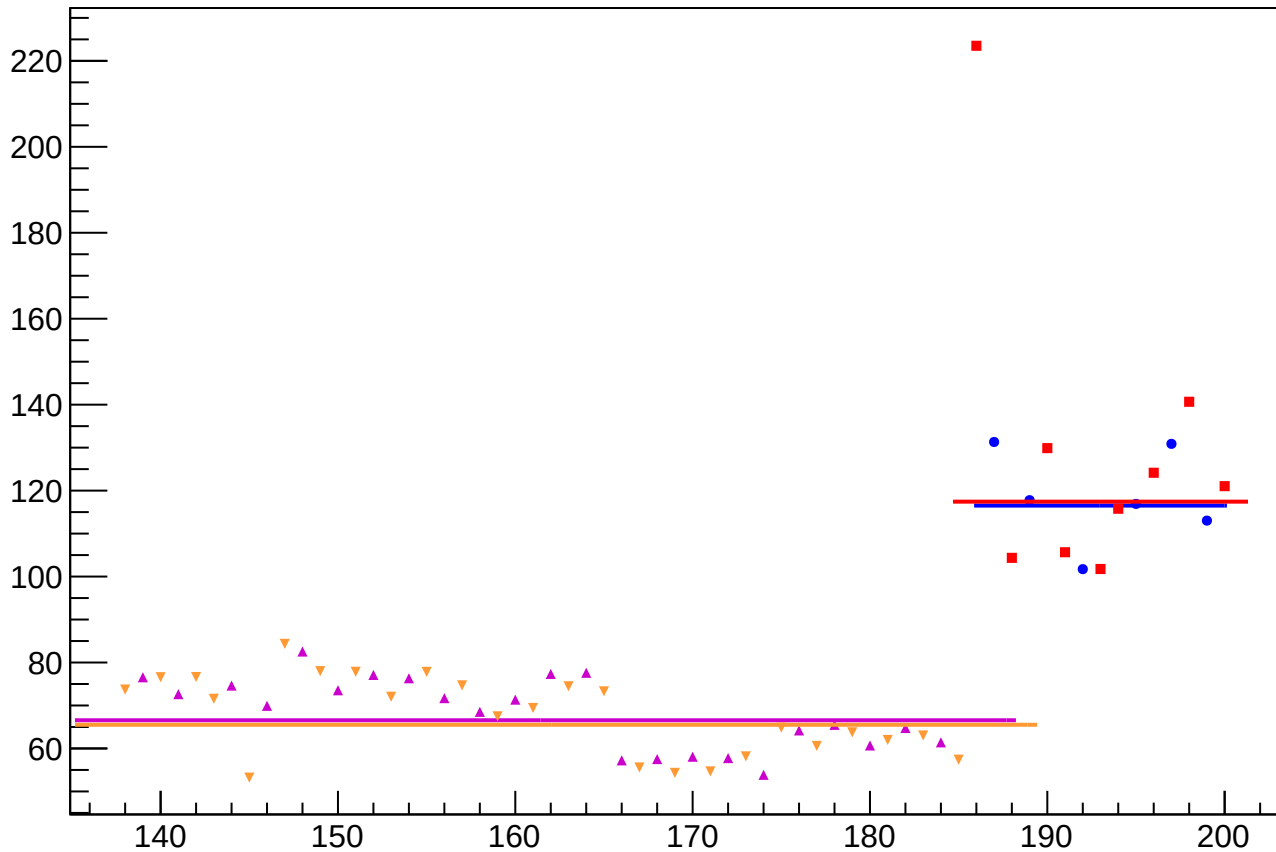
Left In: 24.293 ± 16.034 χ^2/NDF : 21.1/22

+ sign -9.804 ± 15.019 χ^2/NDF : 35.2/30

All: 2.958 ± 10.702 χ^2/NDF : 74.7/62

- sign 16.123 ± 15.254 χ^2/NDF : 38.0/31

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 116.518 $\pm$ 0.044 χ^2 /NDF: 42563.4/5

Left Out: 65.512 $\pm$ 0.011 χ^2 /NDF: 666993.4/24

Right Out: 117.433 $\pm$ 0.035 χ^2 /NDF: 291254.1/8

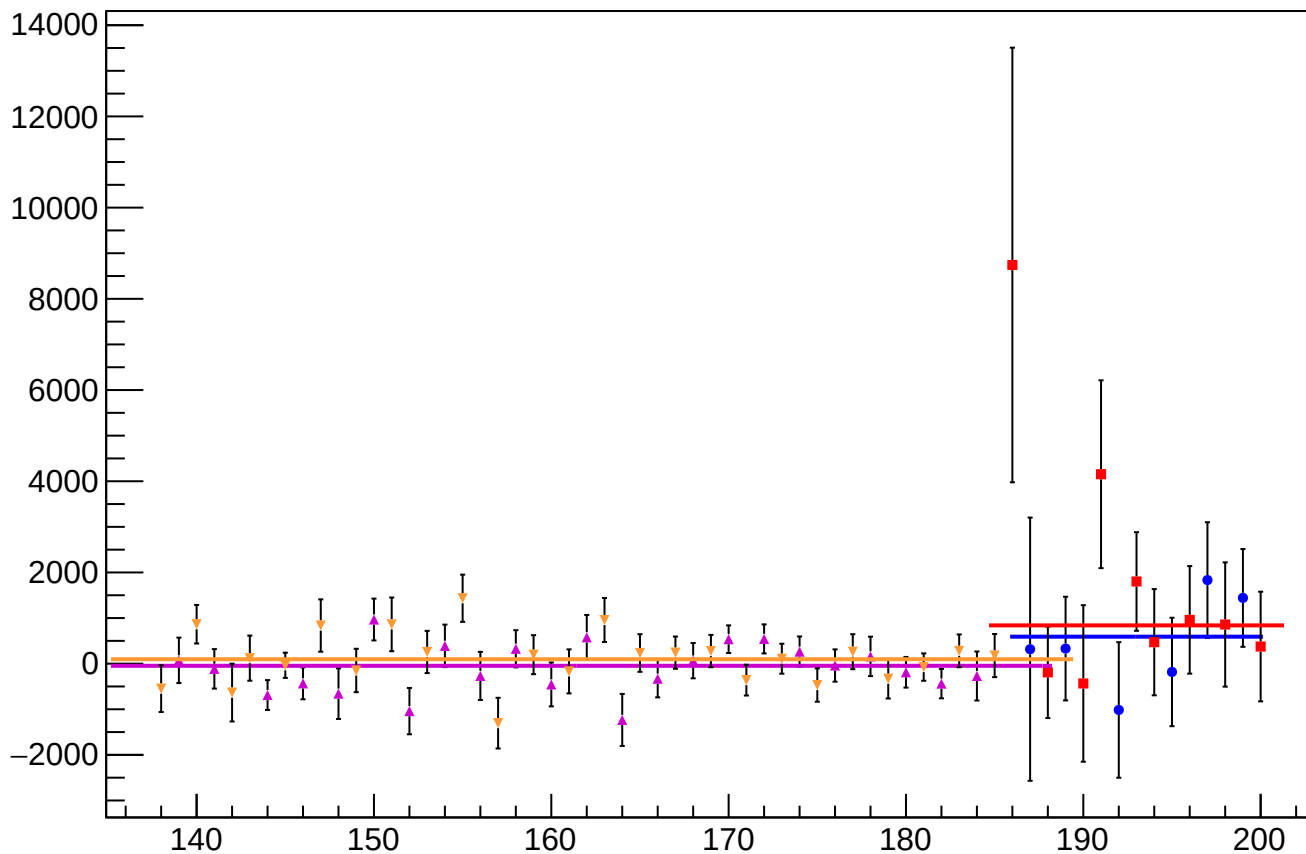
Left In: 66.564 $\pm$ 0.011 χ^2 /NDF: 521302.1/22

+ sign 68.451 $\pm$ 0.011 χ^2 /NDF: 1962278.1/30

All: 69.898 $\pm$ 0.008 χ^2 /NDF: 4722893.0/62

- sign 71.391 $\pm$ 0.011 χ^2 /NDF: 2722898.6/31

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 591.763 $\pm$ 531.152 χ^2/NDF : 3.2/5

Left Out: 97.420 $\pm$ 82.238 χ^2/NDF : 33.3/24

Right Out: 839.447 $\pm$ 440.362 χ^2/NDF : 8.0/8

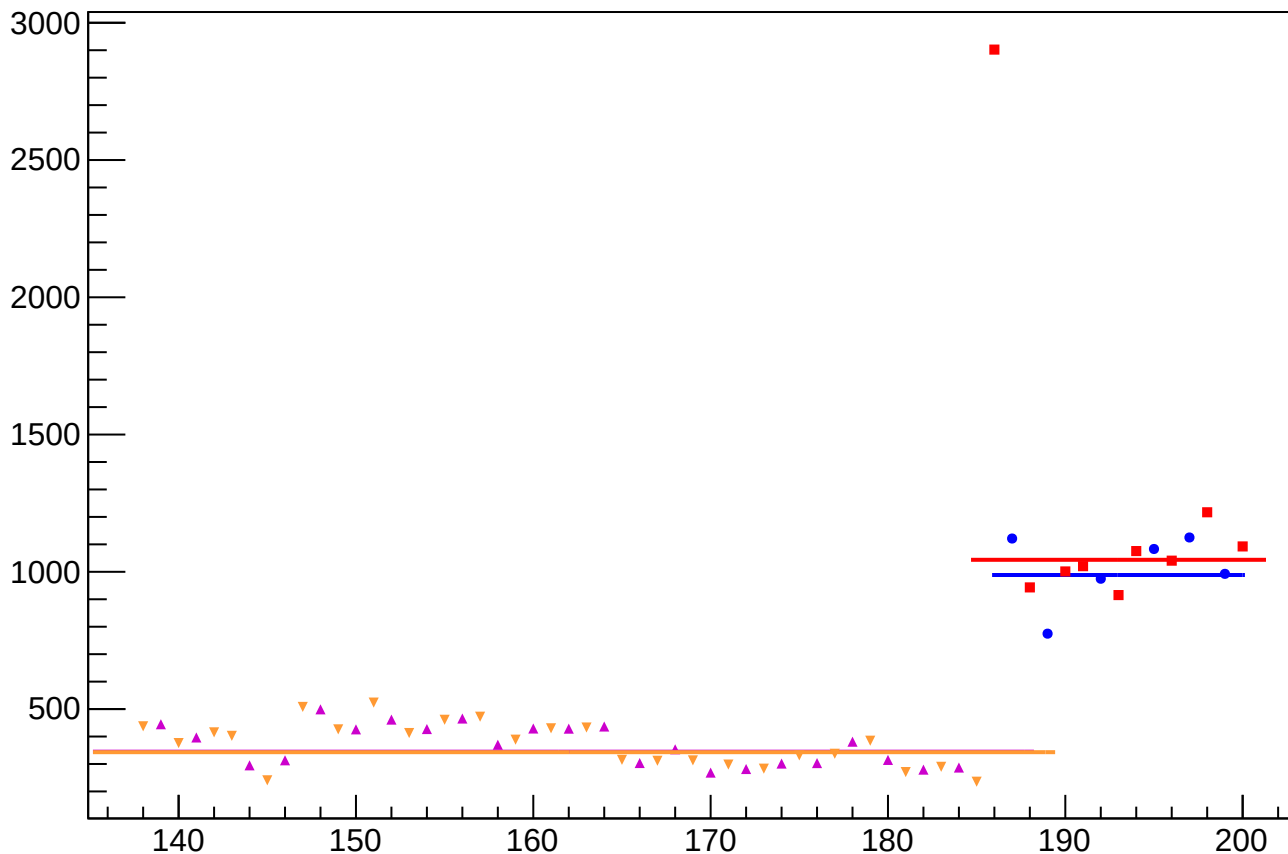
Left In: -46.660 $\pm$ 83.857 χ^2/NDF : 34.2/22

+ sign 108.993 $\pm$ 81.270 χ^2/NDF : 37.4/30

All: 47.514 $\pm$ 57.854 χ^2/NDF : 84.7/62

- sign -15.651 $\pm$ 82.377 χ^2/NDF : 46.1/31

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 988.387+/-0.376 χ^2/NDF : 111040.3/5

Left Out: 342.995+/-0.058 χ^2/NDF : 1665121.0/24

Right Out: 1043.762+/-0.311 χ^2/NDF : 391191.9/8

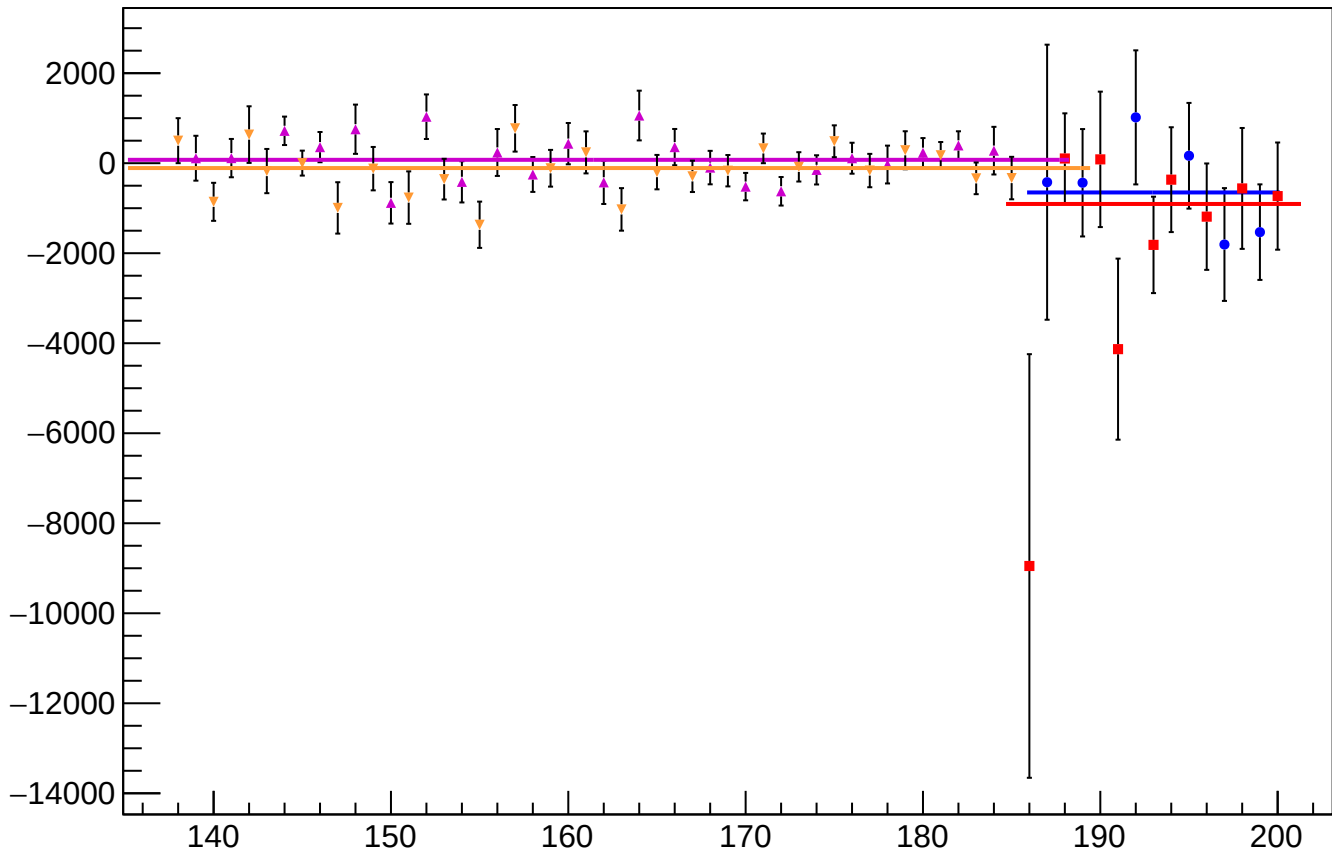
Left In: 344.818+/-0.059 χ^2/NDF : 1264545.0/22

+ sign 358.104+/-0.057 χ^2/NDF : 4659860.8/30

All: 363.615+/-0.041 χ^2/NDF : 11196354.3/62

- sign 369.277+/-0.058 χ^2/NDF : 6517850.1/31

asym_sam_15_26_dd_mean vs Slug



Right In: -650.106 ± 533.783 χ^2/NDF : 3.3/5

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -905.877 ± 433.889 χ^2/NDF : 8.0/8

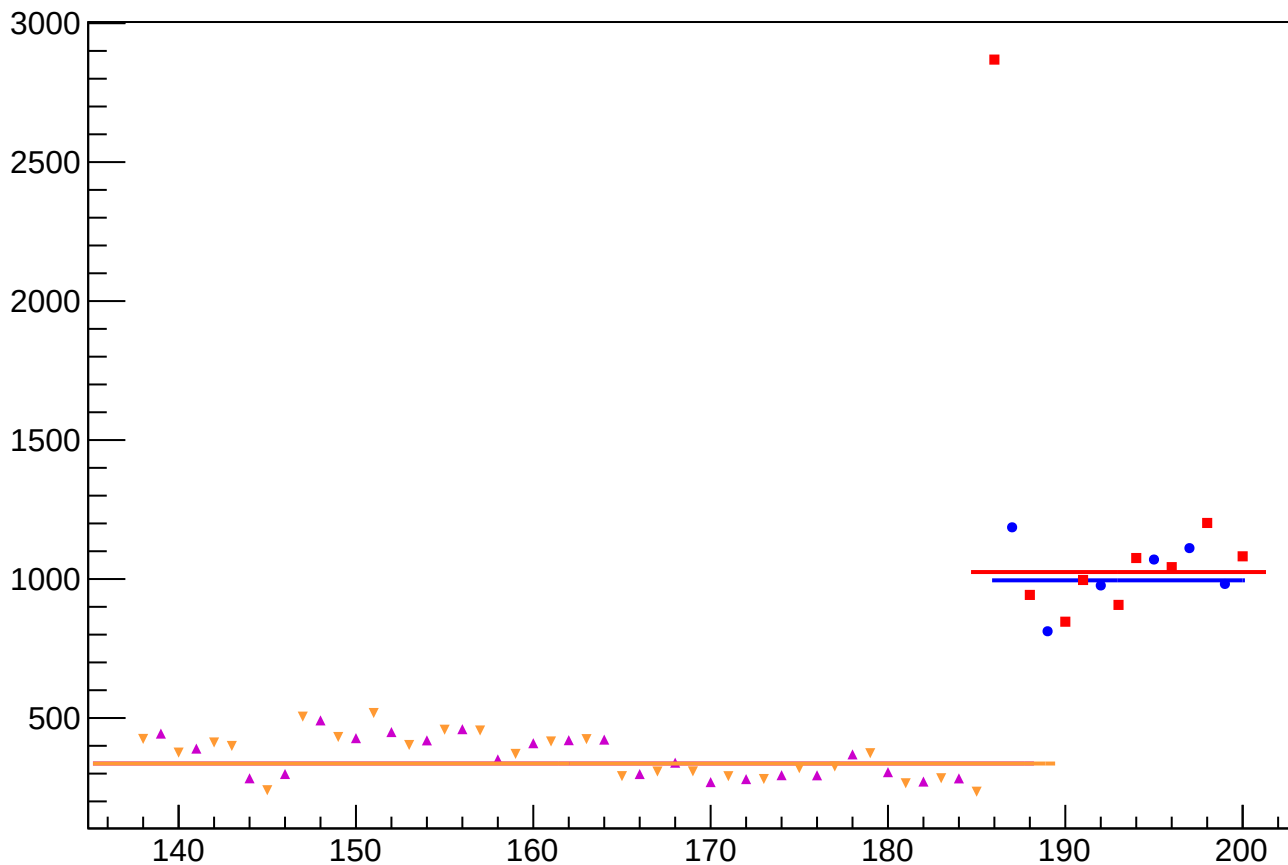
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -120.114 ± 79.677 χ^2/NDF : 35.2/30

All: -40.311 ± 56.638 χ^2/NDF : 82.8/62

- sign 41.201 ± 80.526 χ^2/NDF : 45.6/31

asym_sam_15_26_dd_rms vs Slug



Right In: 995.312 $\pm$ 0.377 χ^2 /NDF: 80788.7/5

Left Out: 336.231 $\pm$ 0.057 χ^2 /NDF: 1659693.0/24

Right Out: 1025.156 $\pm$ 0.307 χ^2 /NDF: 416613.5/8

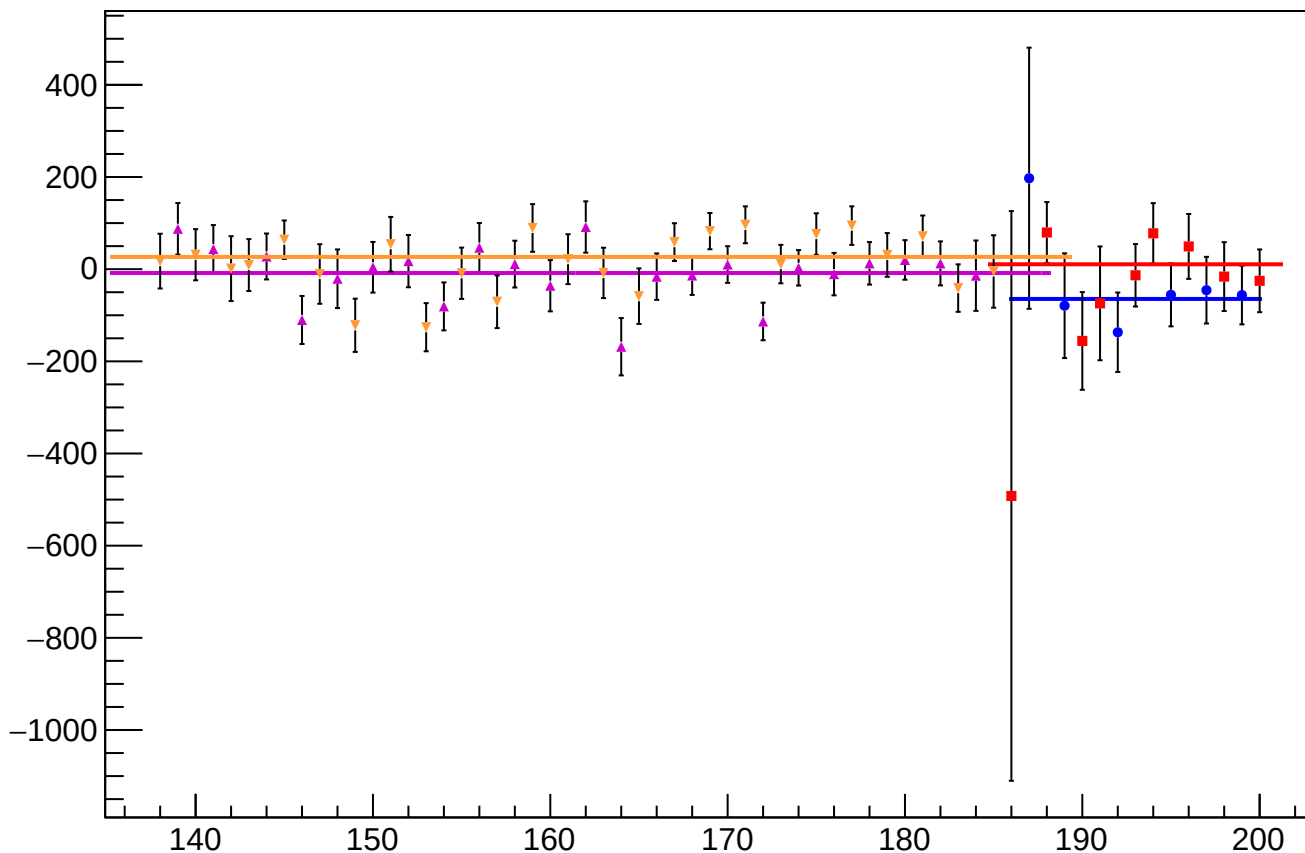
Left In: 336.396 $\pm$ 0.058 χ^2 /NDF: 1269587.6/22

+ sign 350.916 $\pm$ 0.056 χ^2 /NDF: 4721682.6/30

All: 355.469 $\pm$ 0.040 χ^2 /NDF: 11287238.5/62

- sign 360.119 $\pm$ 0.057 χ^2 /NDF: 6552354.6/31

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -64.573 ± 33.781 χ^2/NDF : 1.7/5

Left Out: 26.633 ± 10.090 χ^2/NDF : 36.5/24

Right Out: 10.592 ± 26.409 χ^2/NDF : 6.6/8

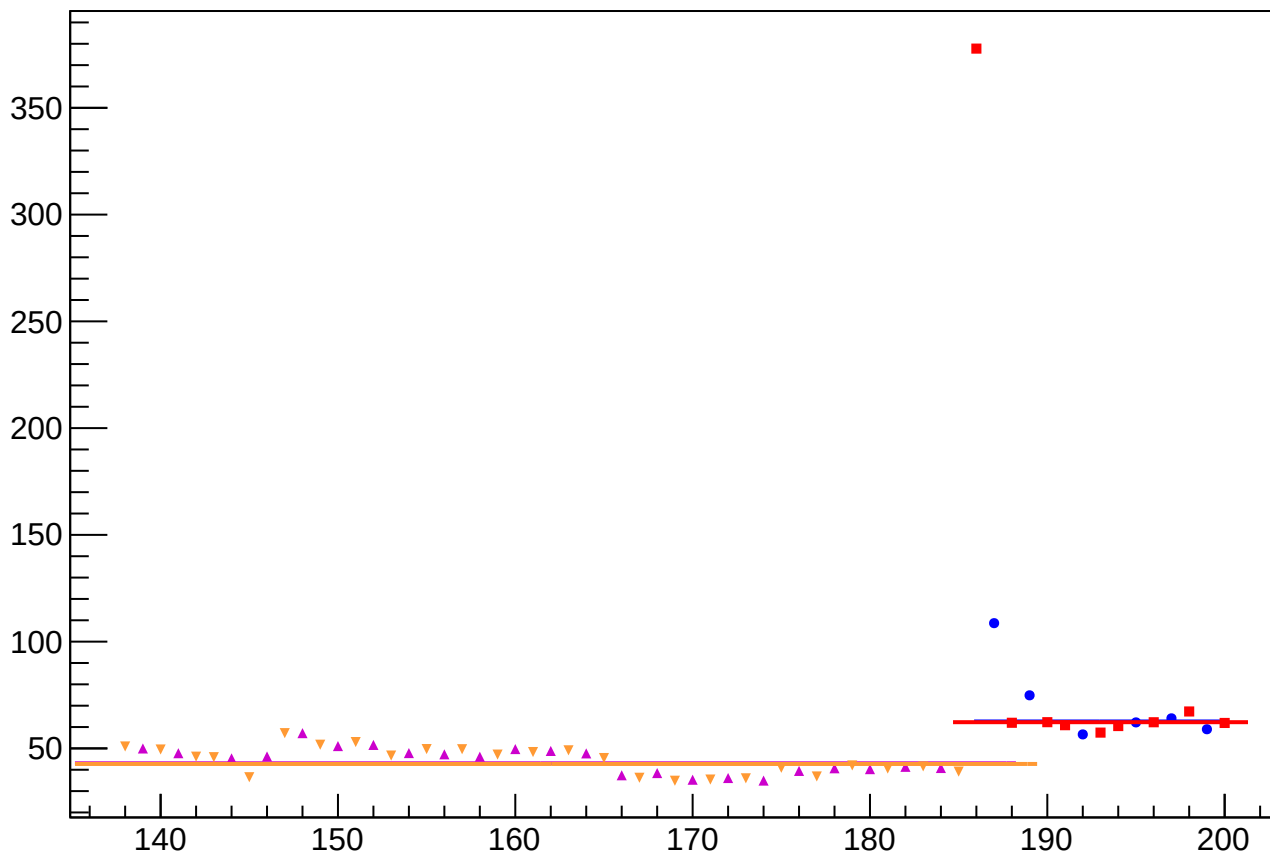
Left In: -8.325 ± 10.361 χ^2/NDF : 29.6/22

+ sign 19.162 ± 9.668 χ^2/NDF : 44.8/30

All: 6.650 ± 6.828 χ^2/NDF : 84.8/62

- sign -5.802 ± 9.645 χ^2/NDF : 36.6/31

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 62.607 $\pm$ 0.024 χ^2 /NDF: 93340.0/5

Left Out: 42.716 $\pm$ 0.007 χ^2 /NDF: 771558.7/24

Right Out: 62.276 $\pm$ 0.019 χ^2 /NDF: 542157.8/8

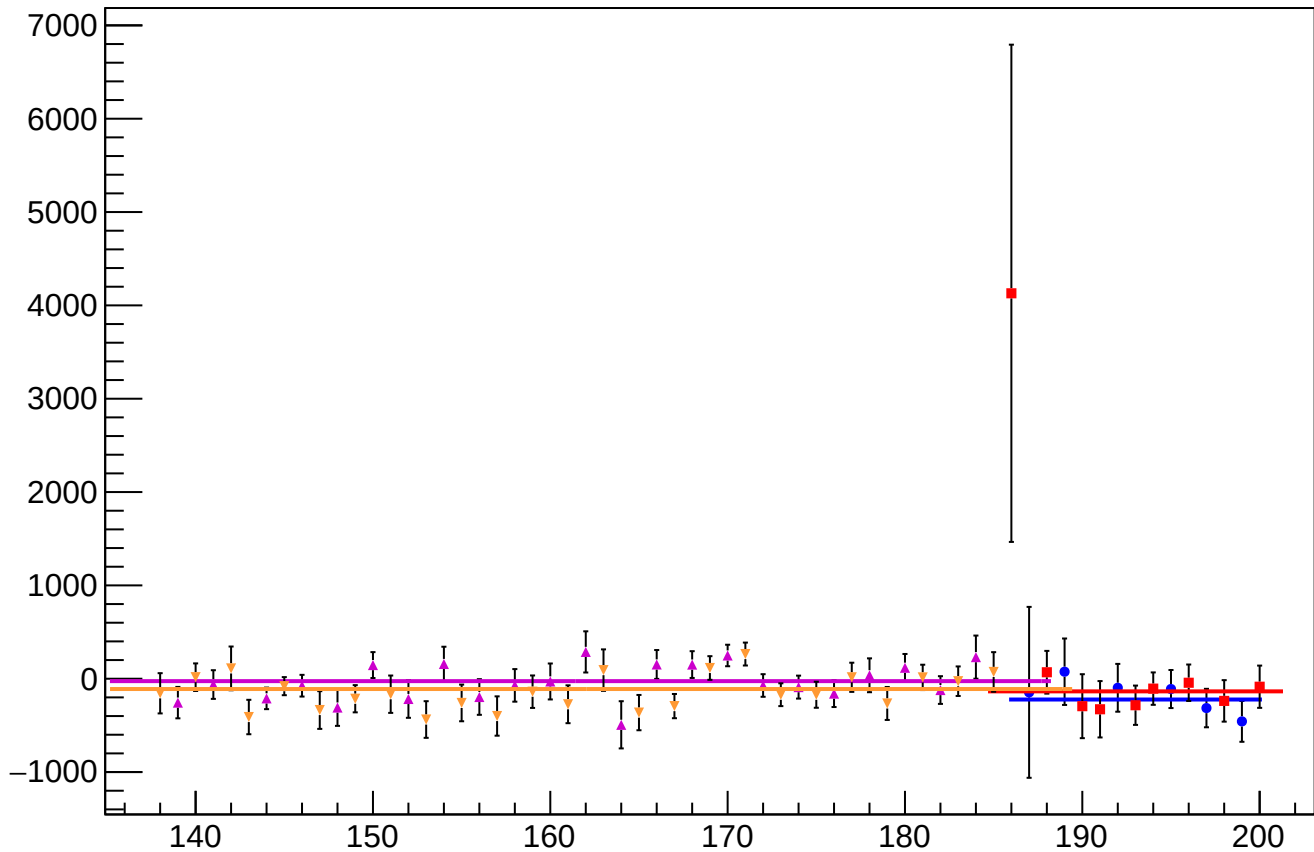
Left In: 43.021 $\pm$ 0.007 χ^2 /NDF: 642598.9/22

+ sign 44.345 $\pm$ 0.007 χ^2 /NDF: 1501532.7/30

All: 44.969 $\pm$ 0.005 χ^2 /NDF: 3624254.4/62

- sign 45.590 $\pm$ 0.007 χ^2 /NDF: 2106113.9/31

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -222.777 $\pm$ 103.767 χ^2/NDF : 2.6/5

Left Out: -110.340 $\pm$ 31.717 χ^2/NDF : 33.0/24

Right Out: -135.400 $\pm$ 78.953 χ^2/NDF : 5.0/8

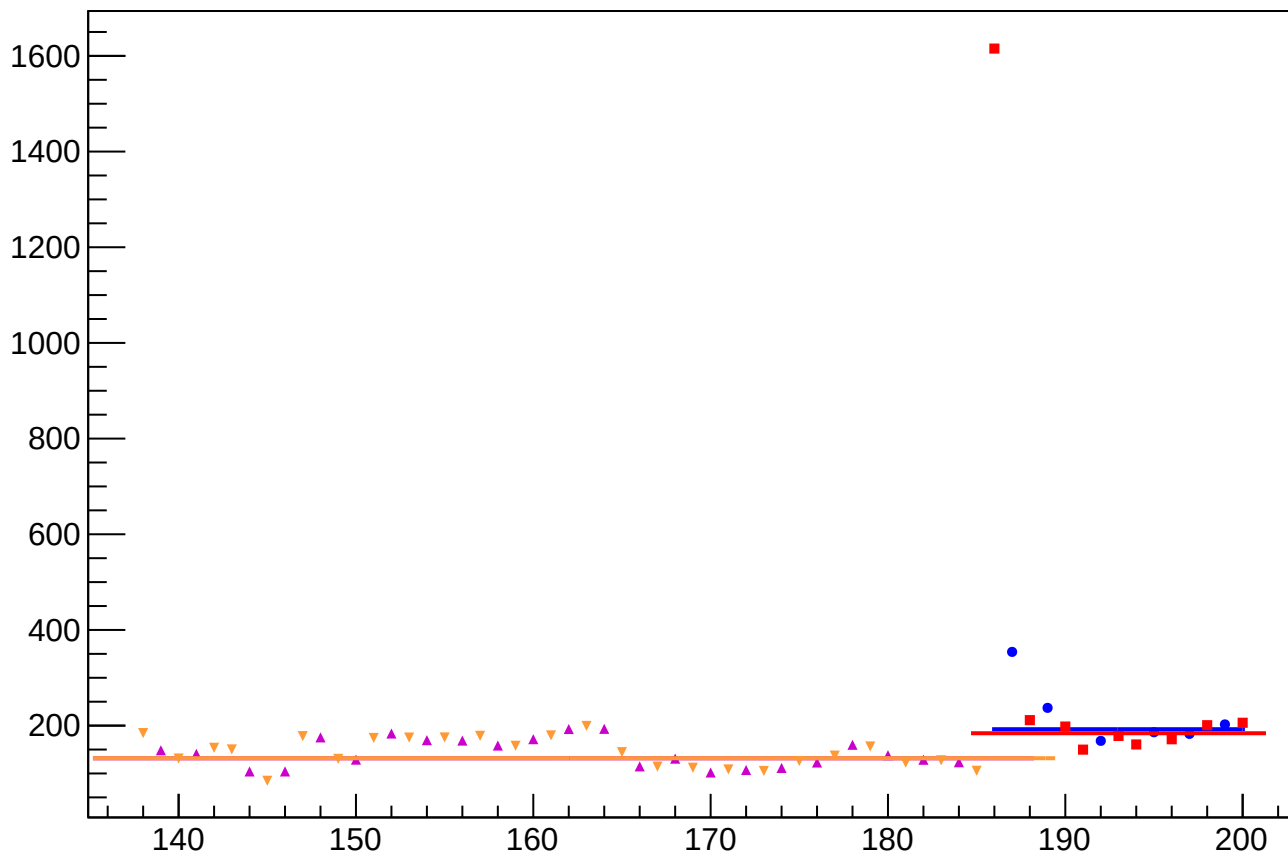
Left In: -25.828 $\pm$ 32.100 χ^2/NDF : 29.0/22

+ sign -119.947 $\pm$ 30.332 χ^2/NDF : 36.6/30

All: -79.879 $\pm$ 21.234 χ^2/NDF : 75.7/62

- sign -41.370 $\pm$ 29.736 χ^2/NDF : 35.7/31

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 192.516+/-0.073 χ^2/NDF : 122502.8/5

Left Out: 131.875+/-0.022 χ^2/NDF : 1806379.2/24

Right Out: 184.080+/-0.056 χ^2/NDF : 711569.4/8

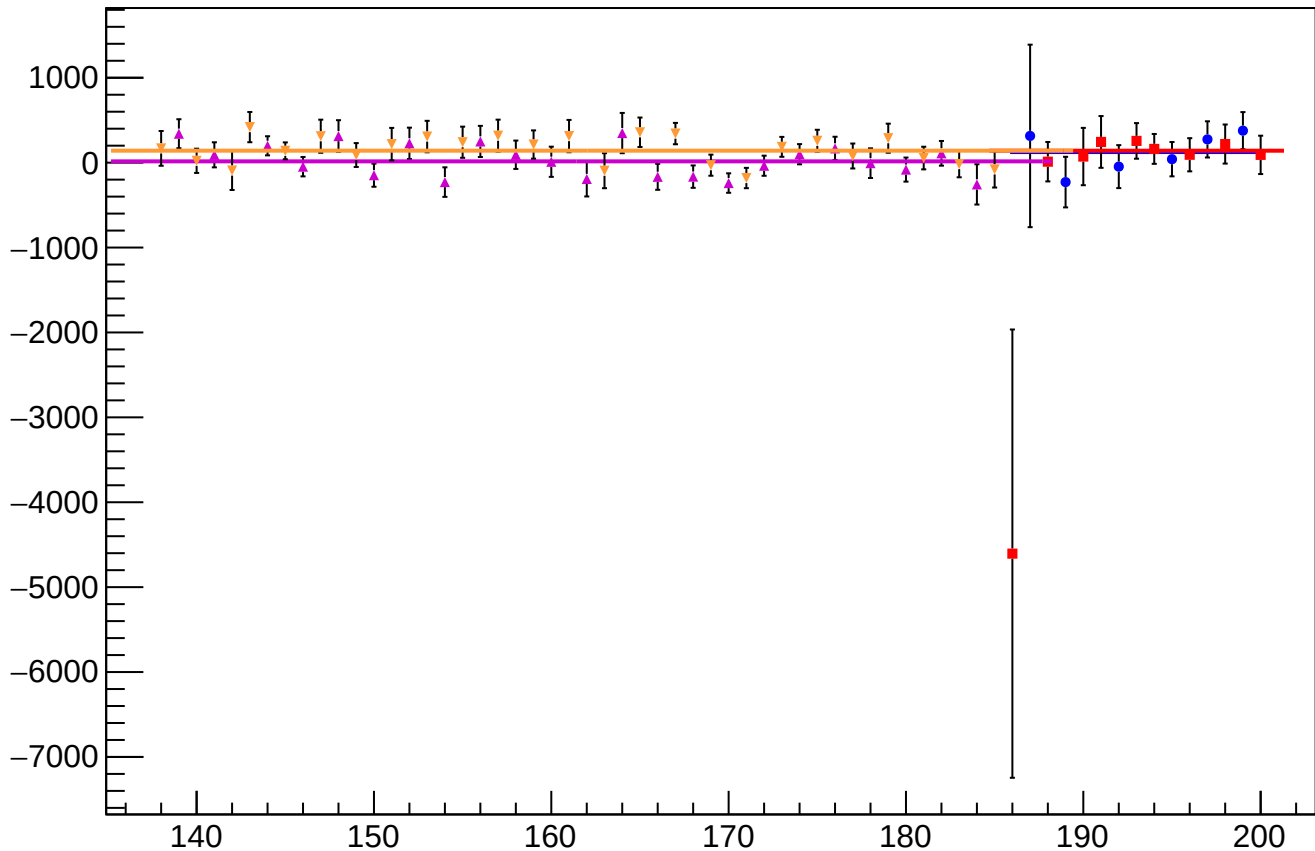
Left In: 131.630+/-0.023 χ^2/NDF : 1403692.5/22

+ sign 137.056+/-0.021 χ^2/NDF : 2553571.7/30

All: 138.083+/-0.015 χ^2/NDF : 5430780.5/62

- sign 139.070+/-0.021 χ^2/NDF : 2872714.1/31

asym_sam_37_26_dd_mean vs Slug



Right In: 124.828 $\pm$ 102.497 χ^2 /NDF: 3.9/5

Left Out: 141.008 $\pm$ 30.636 χ^2 /NDF: 27.1/24

Right Out: 140.756 $\pm$ 79.582 χ^2 /NDF: 4.2/8

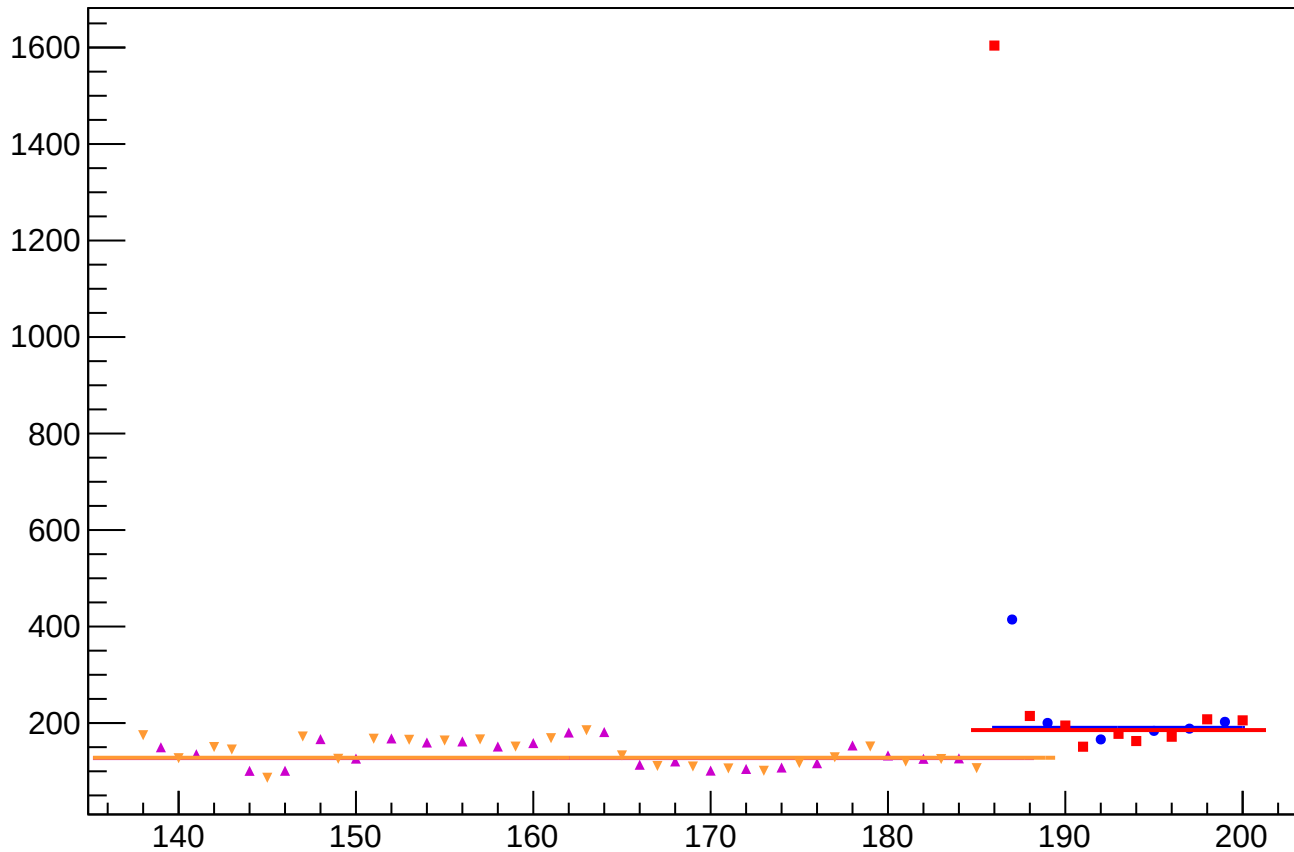
Left In: 15.199 $\pm$ 31.033 χ^2 /NDF: 31.4/22

+ sign 139.681 $\pm$ 29.352 χ^2 /NDF: 31.1/30

All: 84.911 $\pm$ 20.598 χ^2 /NDF: 75.7/62

- sign 31.771 $\pm$ 28.913 χ^2 /NDF: 37.8/31

asym_sam_37_26_dd_rms vs Slug



Right In: 190.085+/-0.072 χ^2/NDF : 116149.0/5

Left Out: 128.060+/-0.022 χ^2/NDF : 1530283.7/24

Right Out: 185.418+/-0.056 χ^2/NDF : 716862.7/8

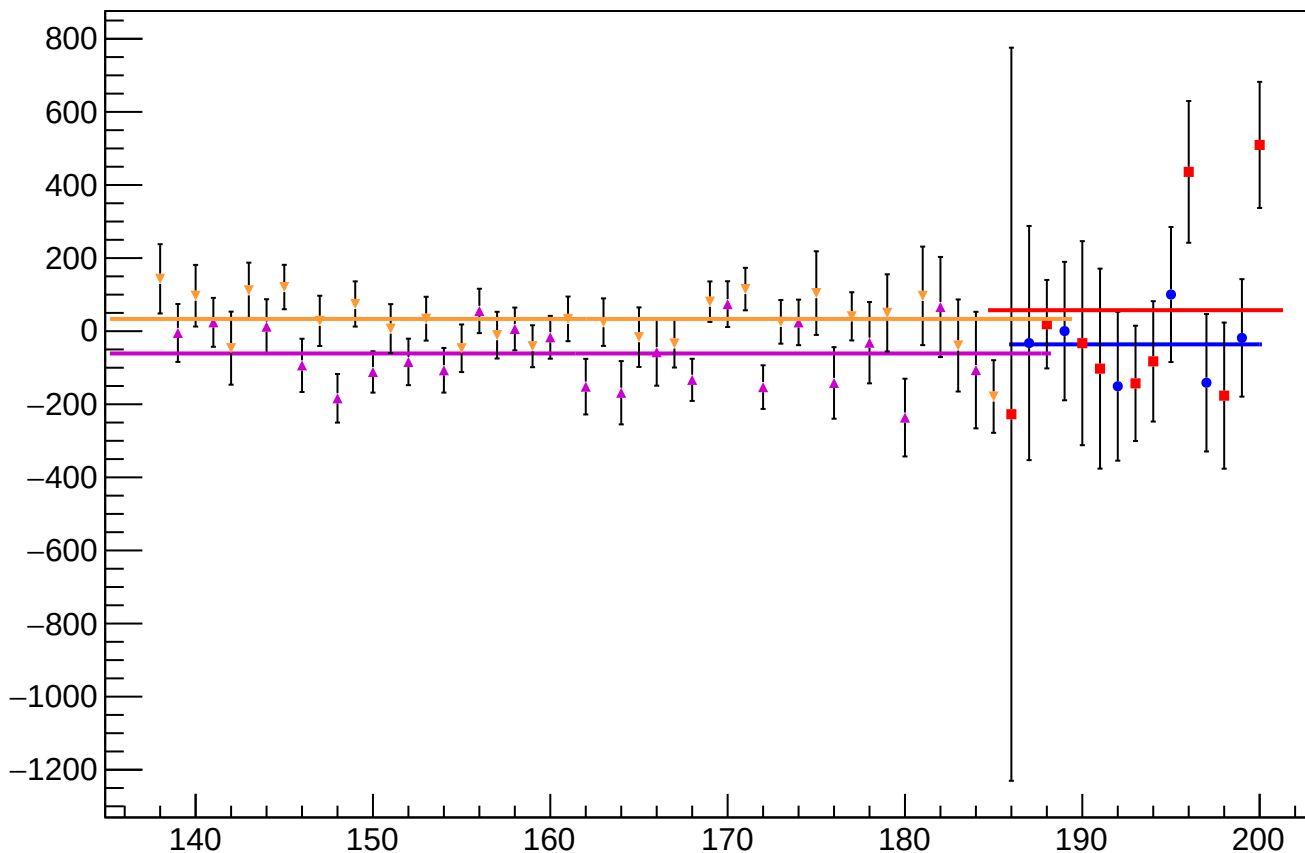
Left In: 127.380+/-0.022 χ^2/NDF : 1229899.0/22

+ sign 133.146+/-0.021 χ^2/NDF : 2318774.8/30

All: 134.107+/-0.015 χ^2/NDF : 5193087.0/62

- sign 135.040+/-0.020 χ^2/NDF : 2870086.4/31

dit_asym_sam_1357_avg_mean vs Slug



Right In: -36.068 ± 79.555 $\chi^2/\text{NDF}: 1.2/5$

Left Out: 33.535 ± 14.197 $\chi^2/\text{NDF}: 19.7/24$

Right Out: 57.449 ± 62.292 $\chi^2/\text{NDF}: 15.0/8$

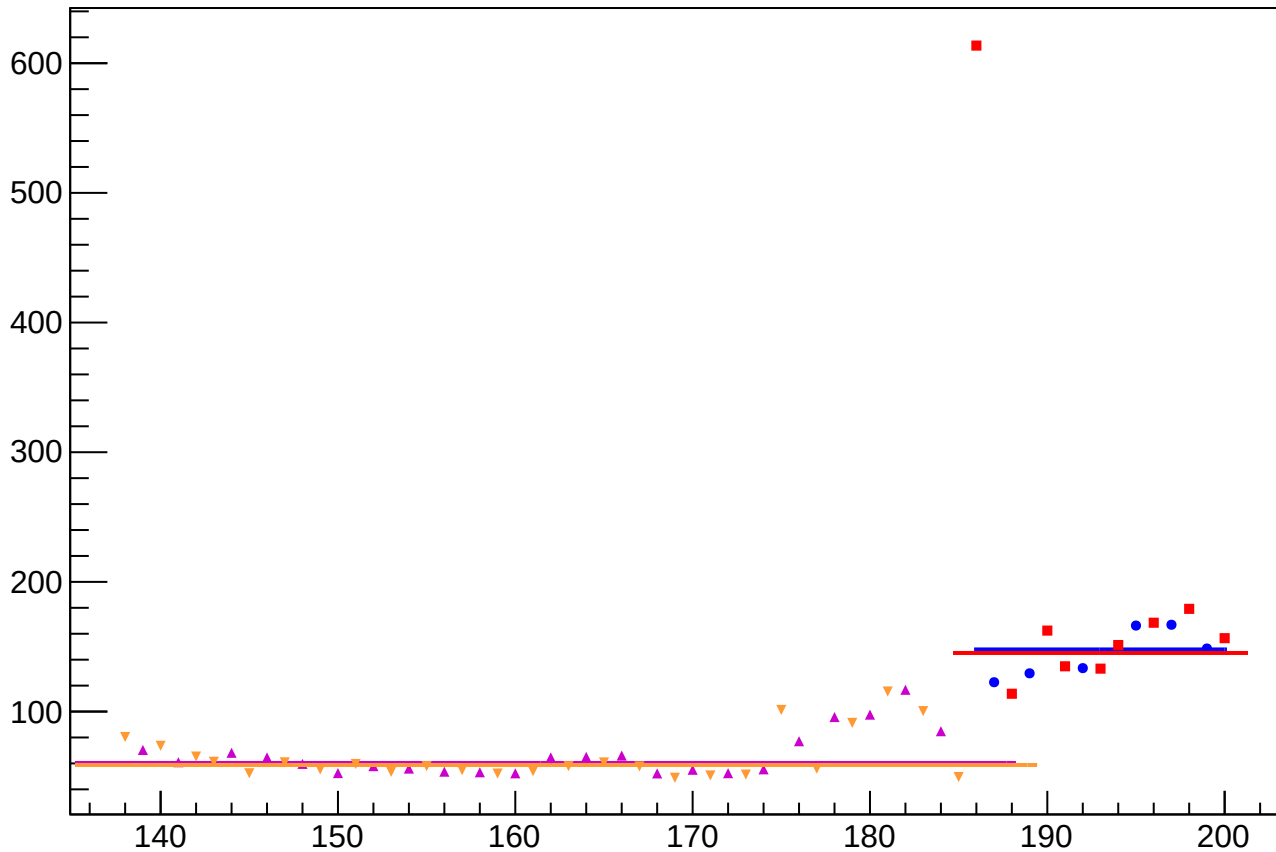
Left In: -60.992 ± 14.839 $\chi^2/\text{NDF}: 31.6/22$

+ sign 31.387 ± 13.976 $\chi^2/\text{NDF}: 21.6/30$

All: -10.232 ± 10.041 $\chi^2/\text{NDF}: 90.0/62$

- sign -54.631 ± 14.435 $\chi^2/\text{NDF}: 50.0/31$

dit_asym_sam_1357_avg_rms vs Slug



Right In: 147.893 $\pm$ 0.056 χ^2 /NDF: 81781.5/5

Left Out: 58.793 $\pm$ 0.010 χ^2 /NDF: 1460561.7/24

Right Out: 145.177 $\pm$ 0.044 χ^2 /NDF: 691793.1/8

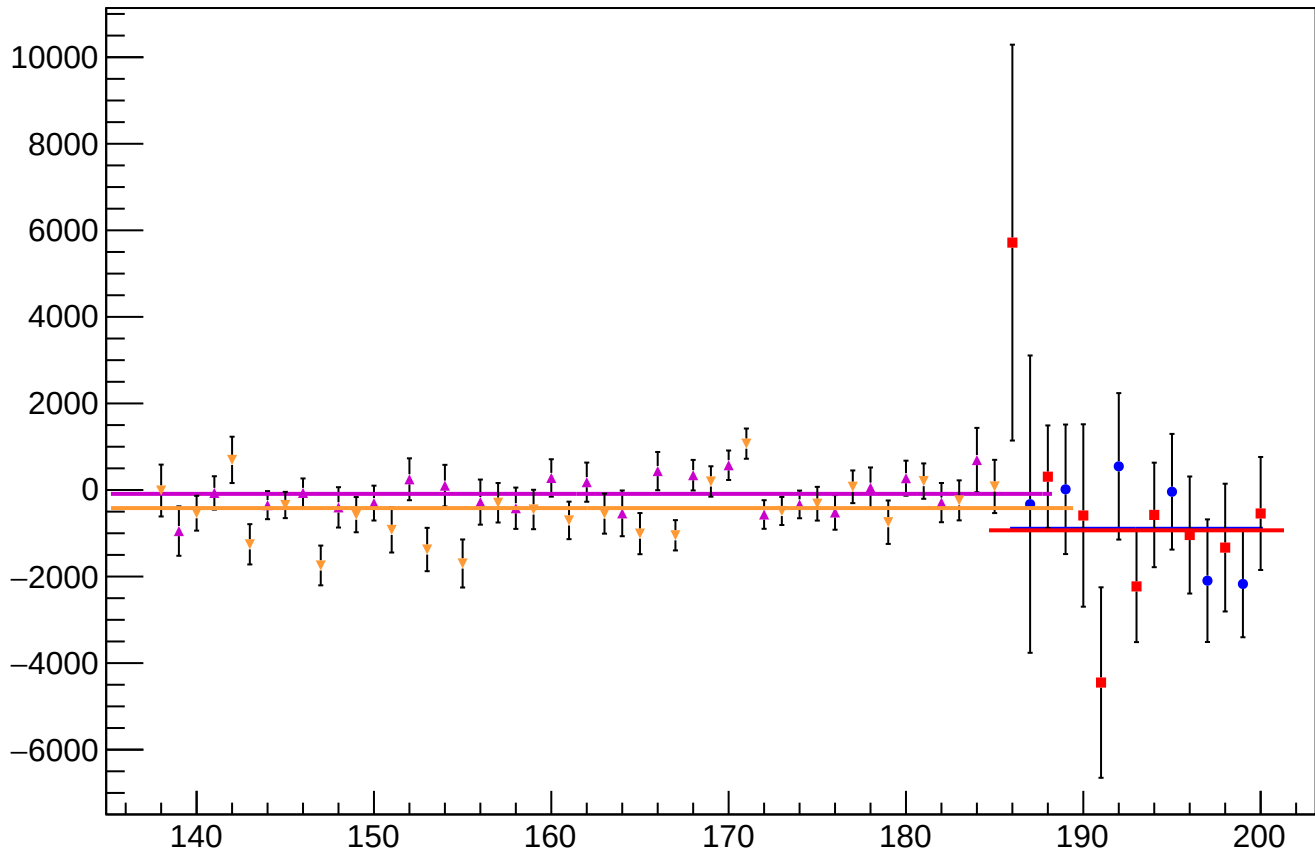
Left In: 60.355 $\pm$ 0.010 χ^2 /NDF: 1217671.4/22

+ sign 61.543 $\pm$ 0.010 χ^2 /NDF: 3973576.6/30

All: 63.172 $\pm$ 0.007 χ^2 /NDF: 9448424.7/62

- sign 64.910 $\pm$ 0.010 χ^2 /NDF: 5418678.6/31

asym_sam_1357_avg_correction_mean vs Slug



Right In: -896.382 ± 620.412 χ^2/NDF : 3.3/5

Left Out: -417.817 ± 84.969 χ^2/NDF : 58.5/24

Right Out: -931.819 ± 495.444 χ^2/NDF : 7.1/8

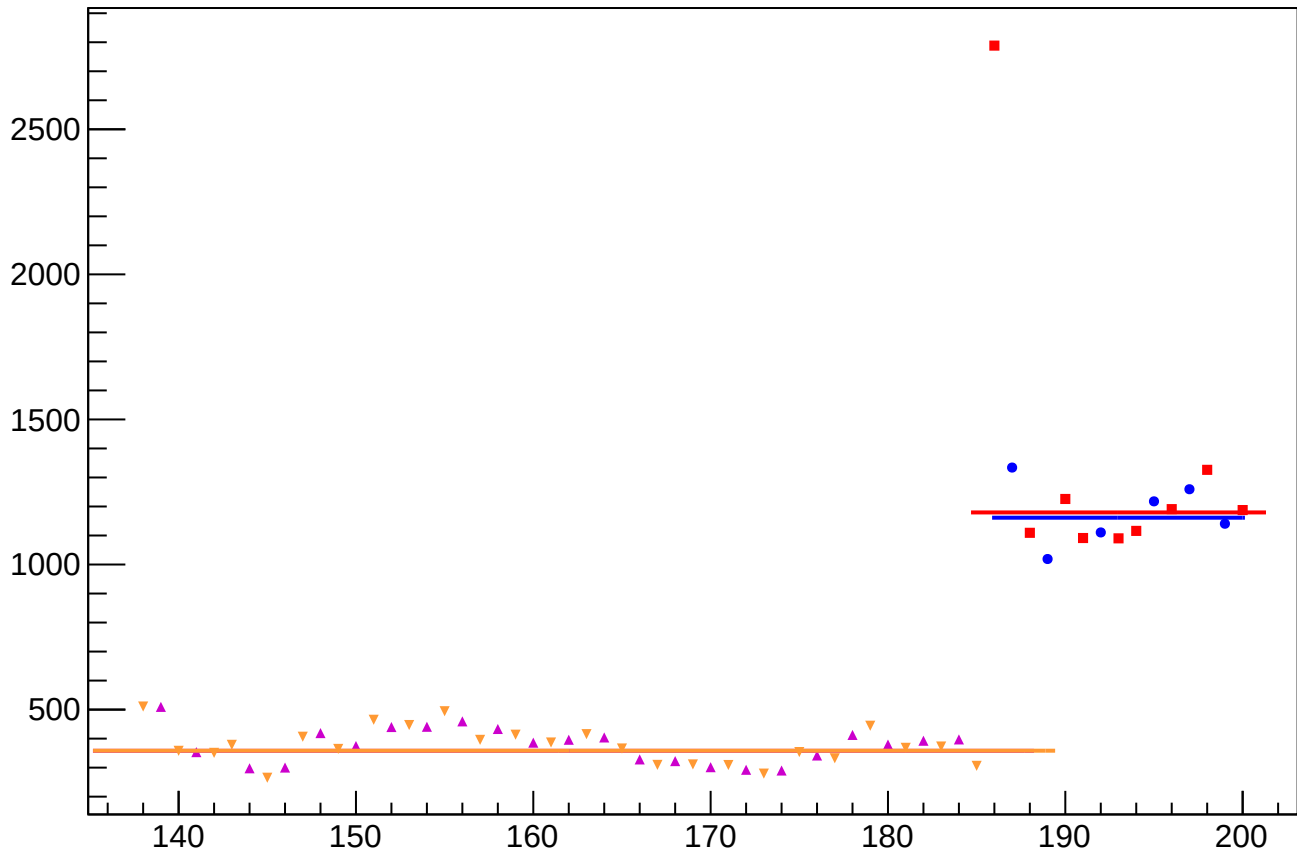
Left In: -89.505 ± 86.438 χ^2/NDF : 19.4/22

+ sign -426.629 ± 84.184 χ^2/NDF : 62.4/30

All: -272.293 ± 59.866 χ^2/NDF : 98.5/62

- sign -114.387 ± 85.152 χ^2/NDF : 29.3/31

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1161.394 ± 0.439 χ^2/NDF : 38680.8/5

Left Out: 358.349 ± 0.060 χ^2/NDF : 1011872.8/24

Right Out: 1179.521 ± 0.350 χ^2/NDF : 293867.8/8

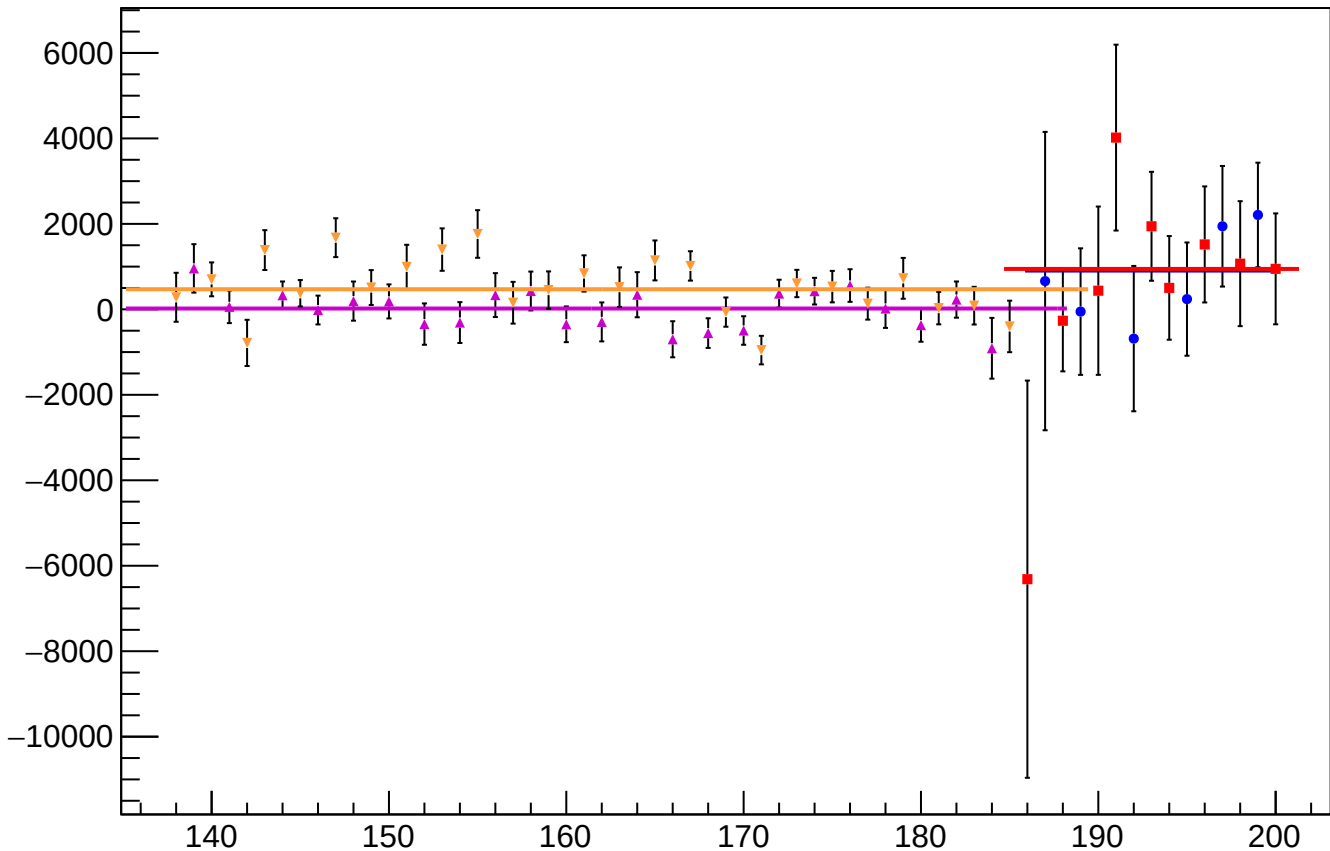
Left In: 357.802 ± 0.061 χ^2/NDF : 893330.5/22

+ sign 373.134 ± 0.060 χ^2/NDF : 4339667.3/30

All: 377.553 ± 0.042 χ^2/NDF : 10877080.6/62

- sign 382.075 ± 0.060 χ^2/NDF : 6526264.0/31

asym_sam_1357_avg_mean vs Slug



Right In: 908.046 $\pm$ 617.376 χ^2 /NDF: 3.2/5

Left Out: 470.804 $\pm$ 83.480 χ^2 /NDF: 58.7/24

Right Out: 945.995 $\pm$ 492.208 χ^2 /NDF: 6.5/8

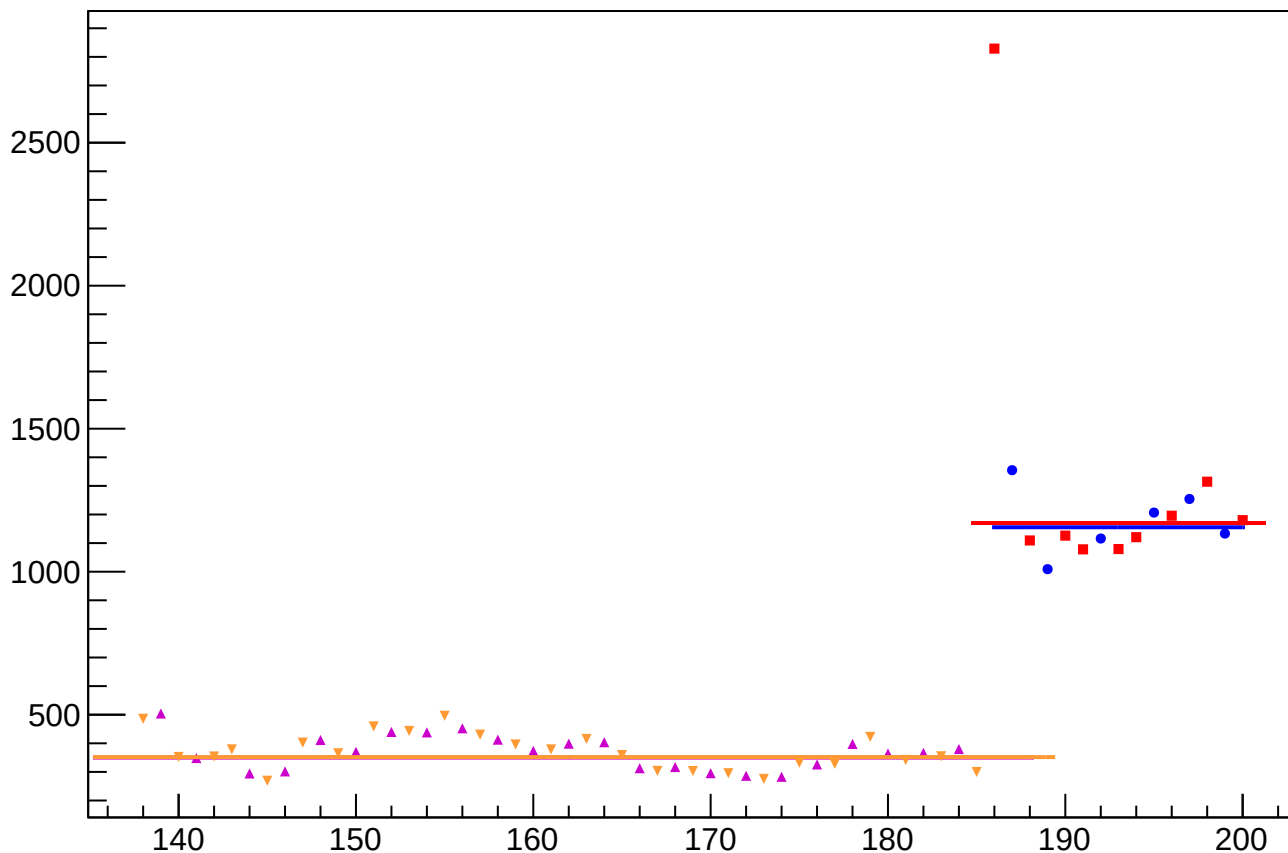
Left In: 19.328 $\pm$ 84.679 χ^2 /NDF: 23.7/22

+ sign 478.655 $\pm$ 82.727 χ^2 /NDF: 62.4/30

All: 264.202 $\pm$ 58.752 χ^2 /NDF: 109.6/62

- sign 45.966 $\pm$ 83.453 χ^2 /NDF: 33.6/31

asym_sam_1357_avg_rms vs Slug



Right In: 1155.395 $\pm$ 0.437 χ^2 /NDF: 40663.9/5

Left Out: 351.777 $\pm$ 0.059 χ^2 /NDF: 1016791.1/24

Right Out: 1170.263 $\pm$ 0.348 χ^2 /NDF: 298511.6/8

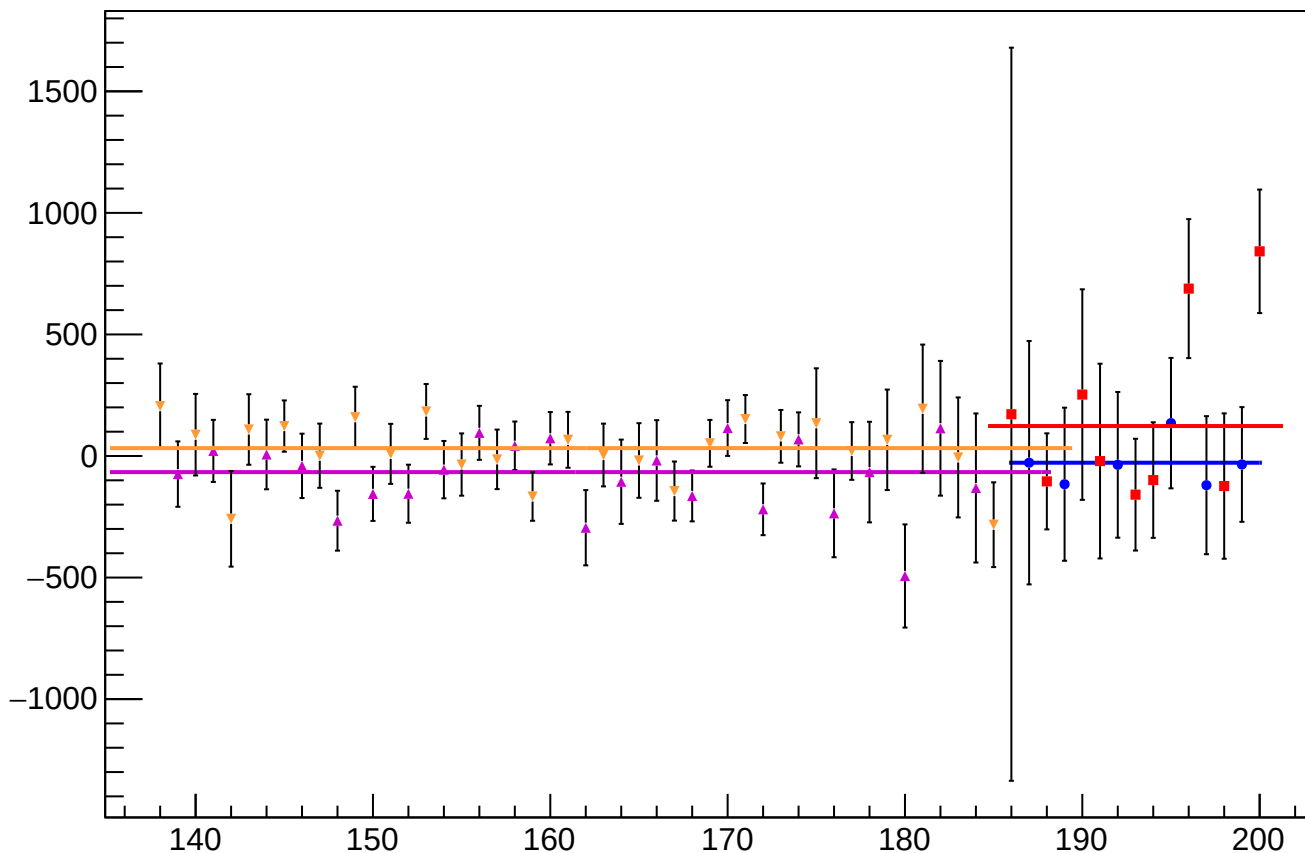
Left In: 350.037 $\pm$ 0.060 χ^2 /NDF: 889435.7/22

+ sign 366.206 $\pm$ 0.058 χ^2 /NDF: 4385276.1/30

All: 369.879 $\pm$ 0.042 χ^2 /NDF: 10975441.7/62

- sign 373.616 $\pm$ 0.059 χ^2 /NDF: 6582213.2/31

dit_asym_sam_2468_avg_mean vs Slug



Right In: -27.644 ± 119.973 χ^2/NDF : 0.6/5

Left Out: 32.332 ± 26.320 χ^2/NDF : 19.6/24

Right Out: 123.222 ± 93.998 χ^2/NDF : 16.5/8

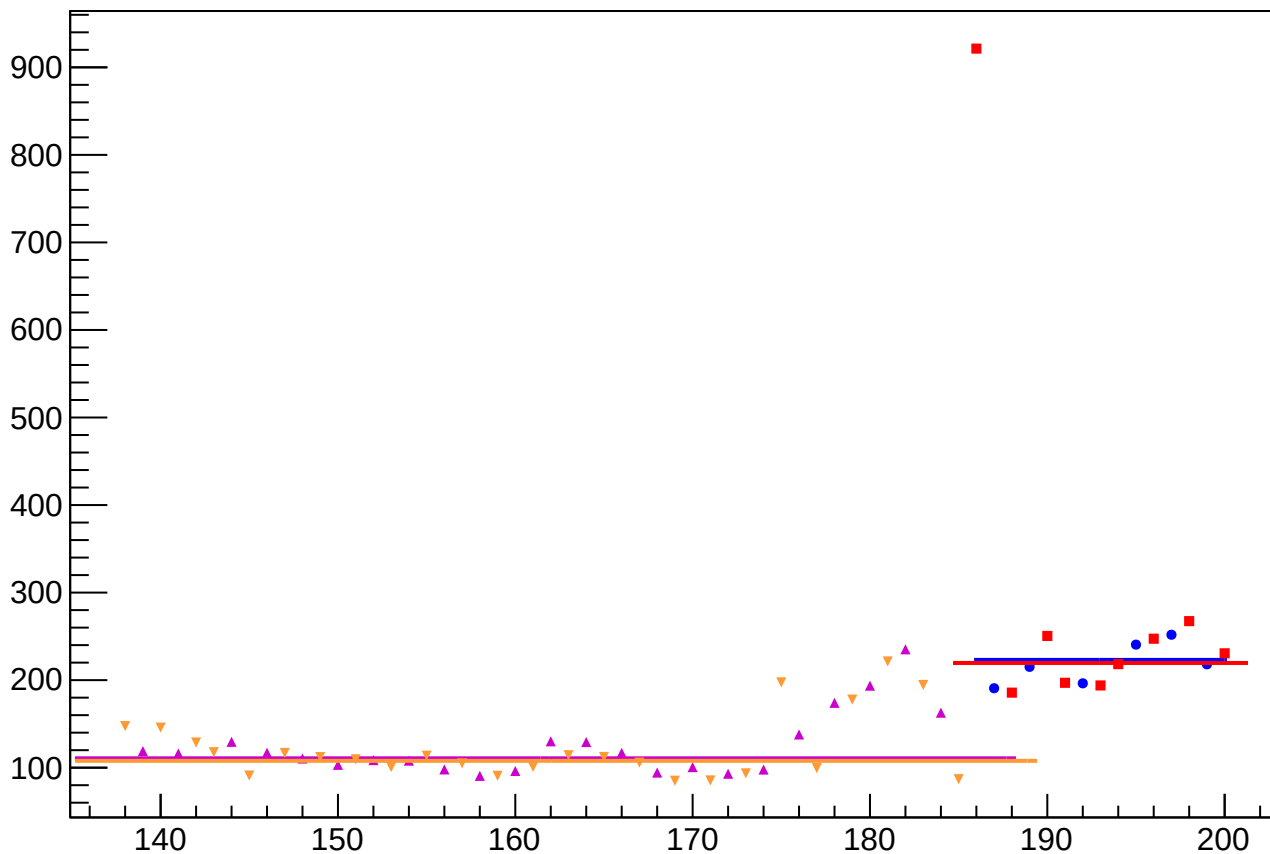
Left In: -66.254 ± 27.450 χ^2/NDF : 24.2/22

+ sign 29.578 ± 25.709 χ^2/NDF : 20.4/30

All: -9.897 ± 18.401 χ^2/NDF : 69.7/62

- sign -51.365 ± 26.350 χ^2/NDF : 44.5/31

dit_asym_sam_2468_avg_rms vs Slug



Right In: 223.128 $\pm$ 0.085 χ^2 /NDF: 55399.3/5

Left Out: 107.852 $\pm$ 0.019 χ^2 /NDF: 1833747.9/24

Right Out: 219.610 $\pm$ 0.066 χ^2 /NDF: 607408.2/8

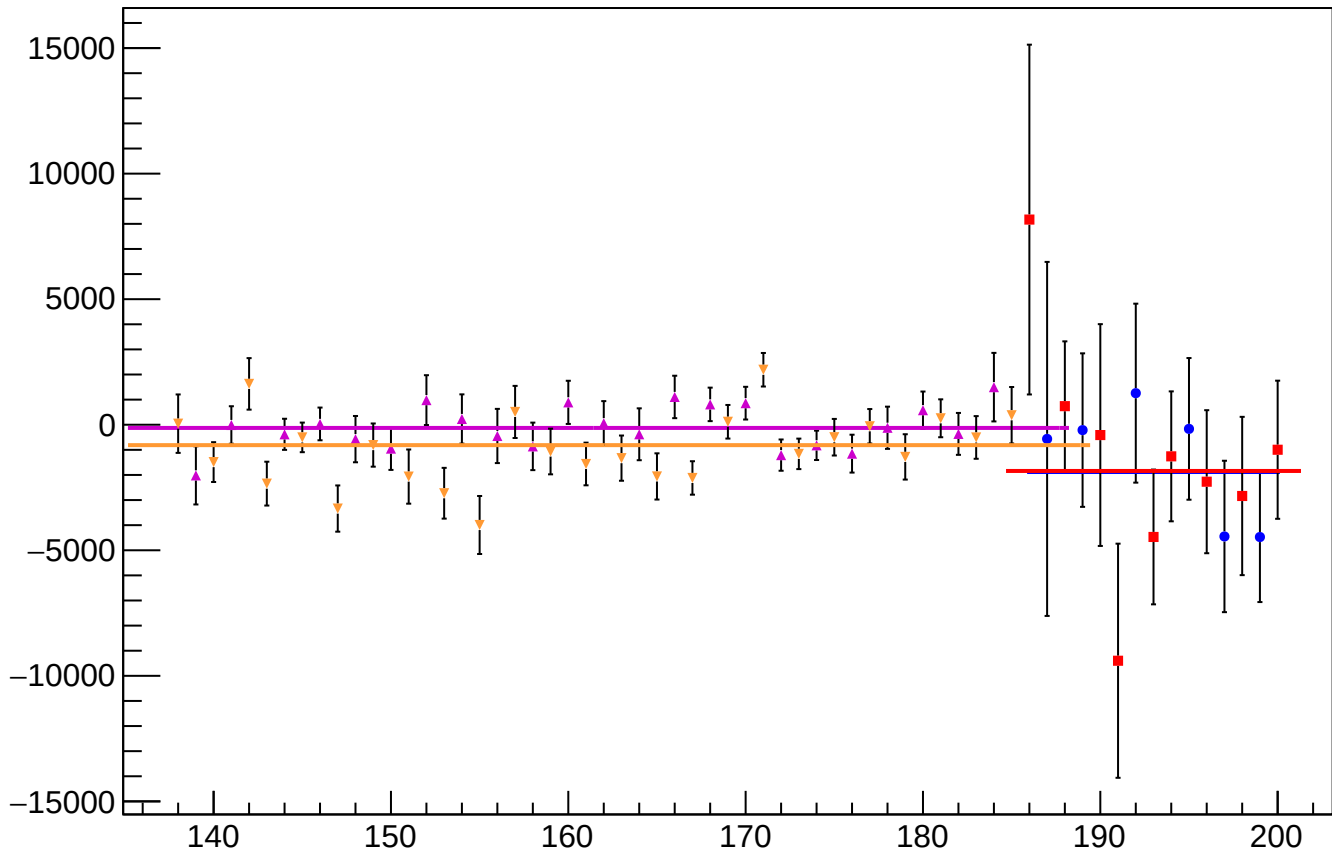
Left In: 110.691 $\pm$ 0.019 χ^2 /NDF: 1406587.3/22

+ sign 113.146 $\pm$ 0.018 χ^2 /NDF: 3650821.8/30

All: 116.123 $\pm$ 0.013 χ^2 /NDF: 8194164.1/62

- sign 119.250 $\pm$ 0.019 χ^2 /NDF: 4488352.3/31

asym_sam_2468_avg_correction_mean vs Slug



Right In: -1882.886 ± 1301.232 χ^2/NDF : 3.2/5

Left Out: -813.029 ± 164.102 χ^2/NDF : 66.2/24

Right Out: -1841.168 ± 1046.983 χ^2/NDF : 7.0/8

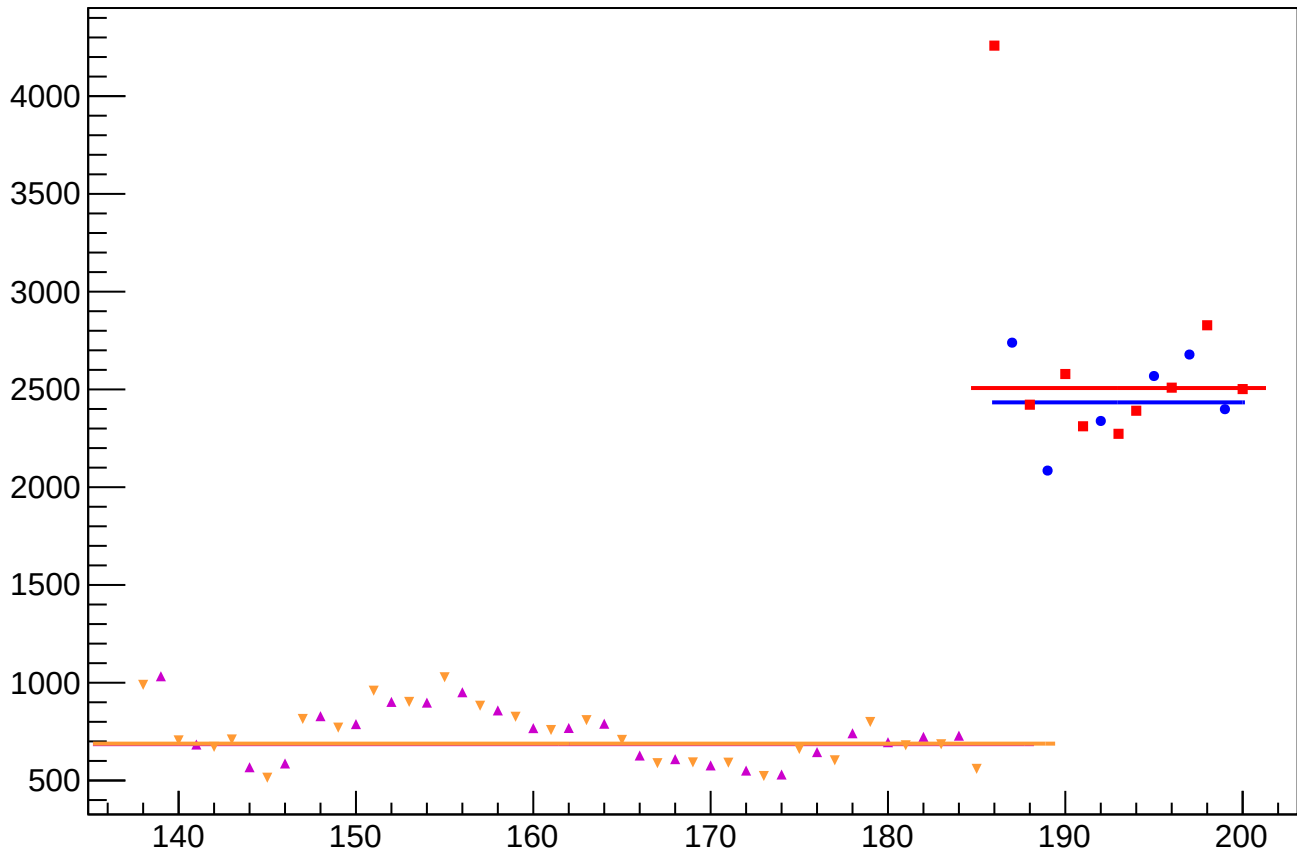
Left In: -127.427 ± 166.308 χ^2/NDF : 22.8/22

+ sign -829.778 ± 162.812 χ^2/NDF : 70.1/30

All: -502.591 ± 115.630 χ^2/NDF : 110.6/62

- sign -169.604 ± 164.249 χ^2/NDF : 32.4/31

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2433.792 ± 0.920 χ^2/NDF : 49314.6/5

Left Out: 688.513 ± 0.116 χ^2/NDF : 1287701.8/24

Right Out: 2507.091 ± 0.740 χ^2/NDF : 172632.6/8

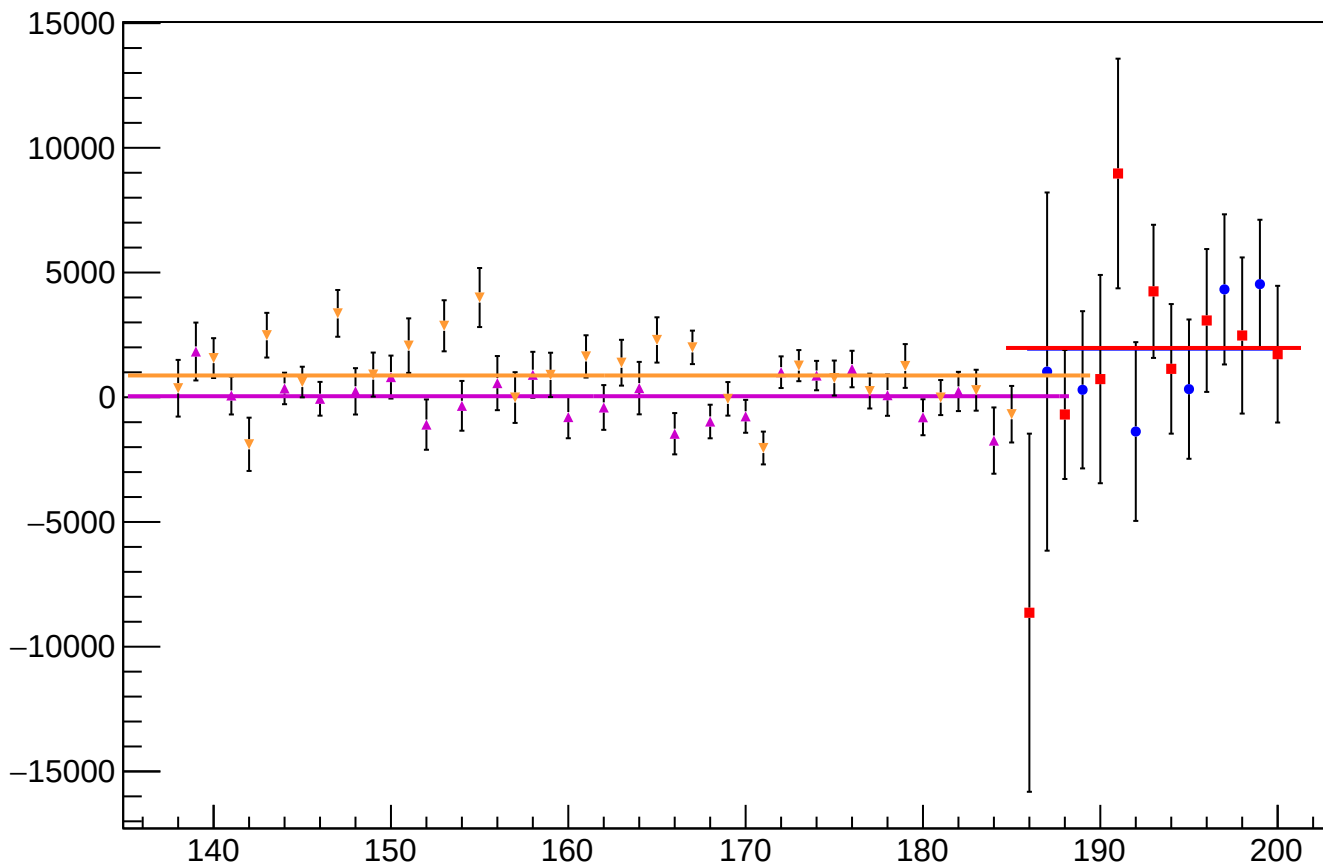
Left In: 685.733 ± 0.118 χ^2/NDF : 1156263.7/22

+ sign 715.836 ± 0.115 χ^2/NDF : 4878595.8/30

All: 723.133 ± 0.082 χ^2/NDF : 12119226.9/62

- sign 730.559 ± 0.116 χ^2/NDF : 7232525.7/31

asym_sam_2468_avg_mean vs Slug



Right In: 1948.023 $\pm$ 1305.506 χ^2 /NDF: 3.1/5

Left Out: 873.446 $\pm$ 164.269 χ^2 /NDF: 64.1/24

Right Out: 1976.016 $\pm$ 1042.945 χ^2 /NDF: 6.7/8

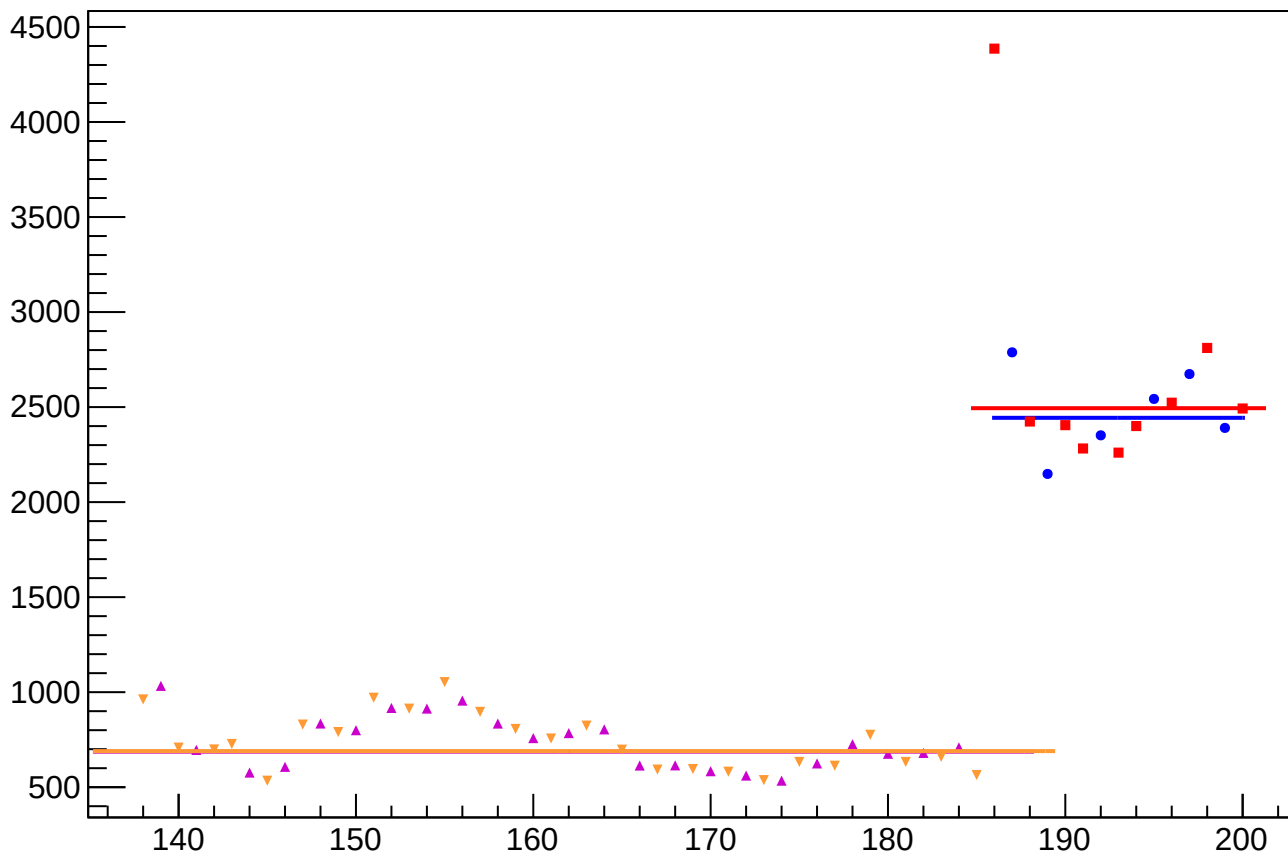
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF: 24.1/22

+ sign 890.194 $\pm$ 162.983 χ^2 /NDF: 67.9/30

All: 494.002 $\pm$ 115.827 χ^2 /NDF: 114.0/62

- sign 89.728 $\pm$ 164.637 χ^2 /NDF: 34.1/31

asym_sam_2468_avg_rms vs Slug



Right In: 2443.547+/-0.923 χ^2/NDF : 38562.6/5

Left Out: 689.767+/-0.116 χ^2/NDF : 1258608.7/24

Right Out: 2494.199+/-0.737 χ^2/NDF : 184225.3/8

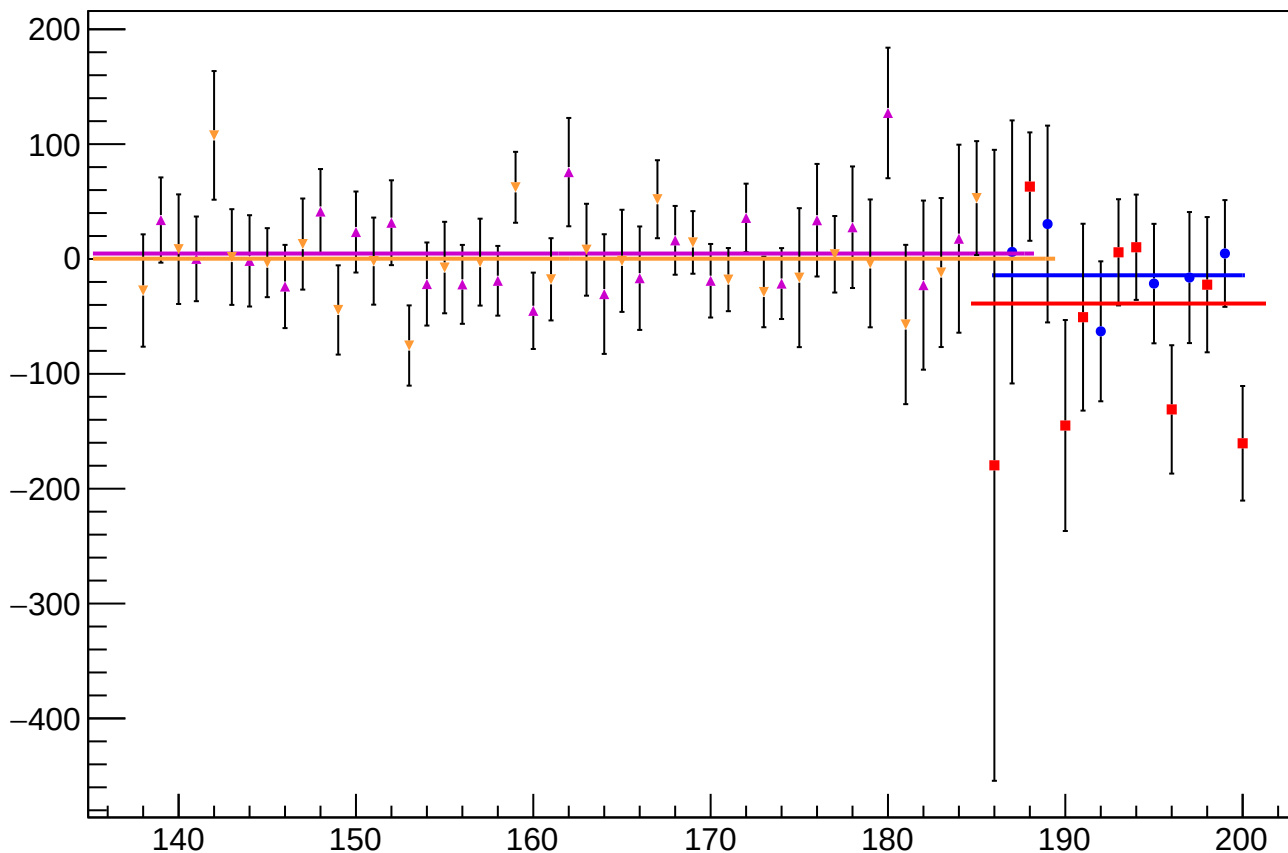
Left In: 686.944+/-0.118 χ^2/NDF : 1116042.4/22

+ sign 717.101+/-0.115 χ^2/NDF : 4850217.0/30

All: 724.465+/-0.082 χ^2/NDF : 12014545.6/62

- sign 731.979+/-0.116 χ^2/NDF : 7156079.4/31

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -14.185 ± 24.831 χ^2/NDF : 1.1/5

Left Out: 0.254 ± 7.690 χ^2/NDF : 20.4/24

Right Out: -38.794 ± 19.294 χ^2/NDF : 17.1/8

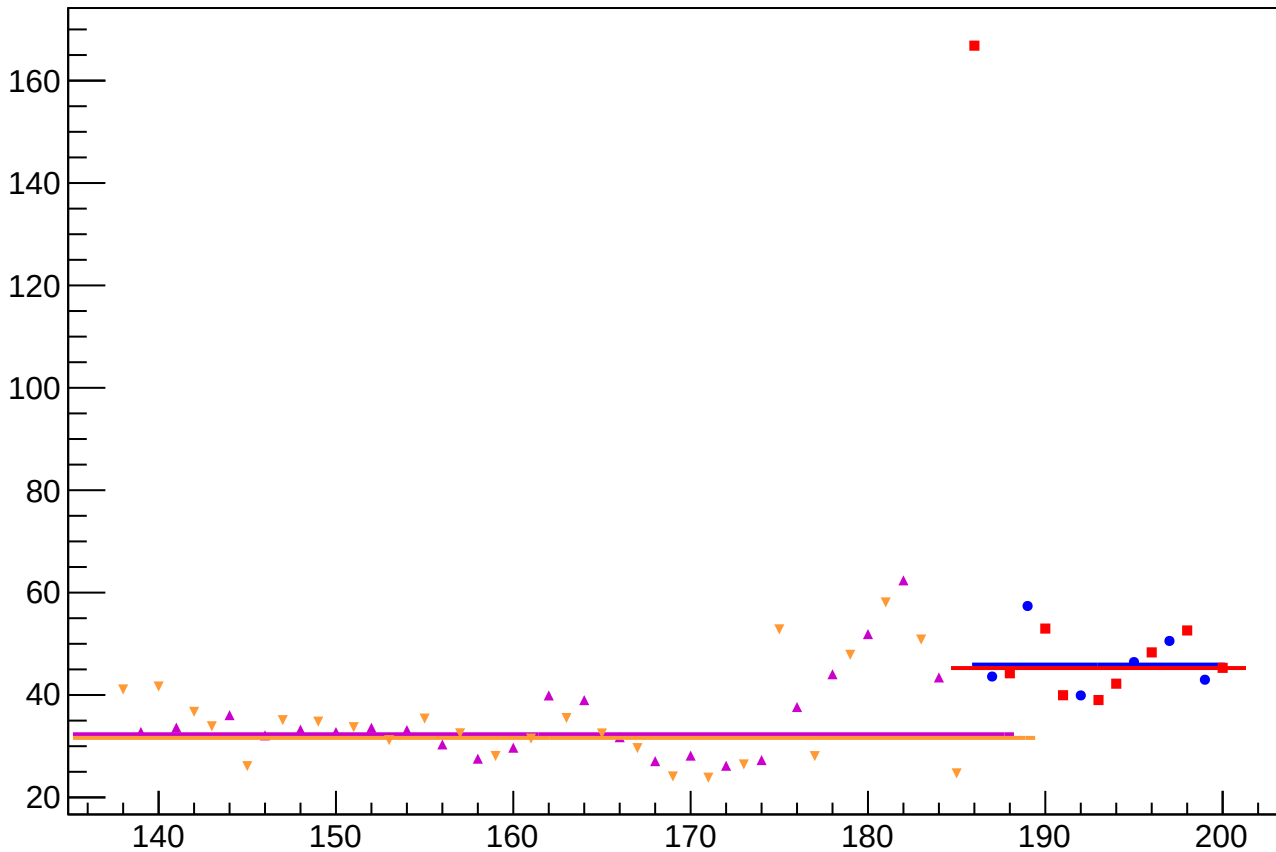
Left In: 4.745 ± 7.976 χ^2/NDF : 17.9/22

+ sign -1.010 ± 7.346 χ^2/NDF : 21.8/30

All: -1.308 ± 5.203 χ^2/NDF : 61.2/62

- sign -1.609 ± 7.371 χ^2/NDF : 39.3/31

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 45.936+/-0.018 χ^2/NDF : 77456.2/5

Left Out: 31.624+/-0.005 χ^2/NDF : 1673431.1/24

Right Out: 45.265+/-0.014 χ^2/NDF : 497770.8/8

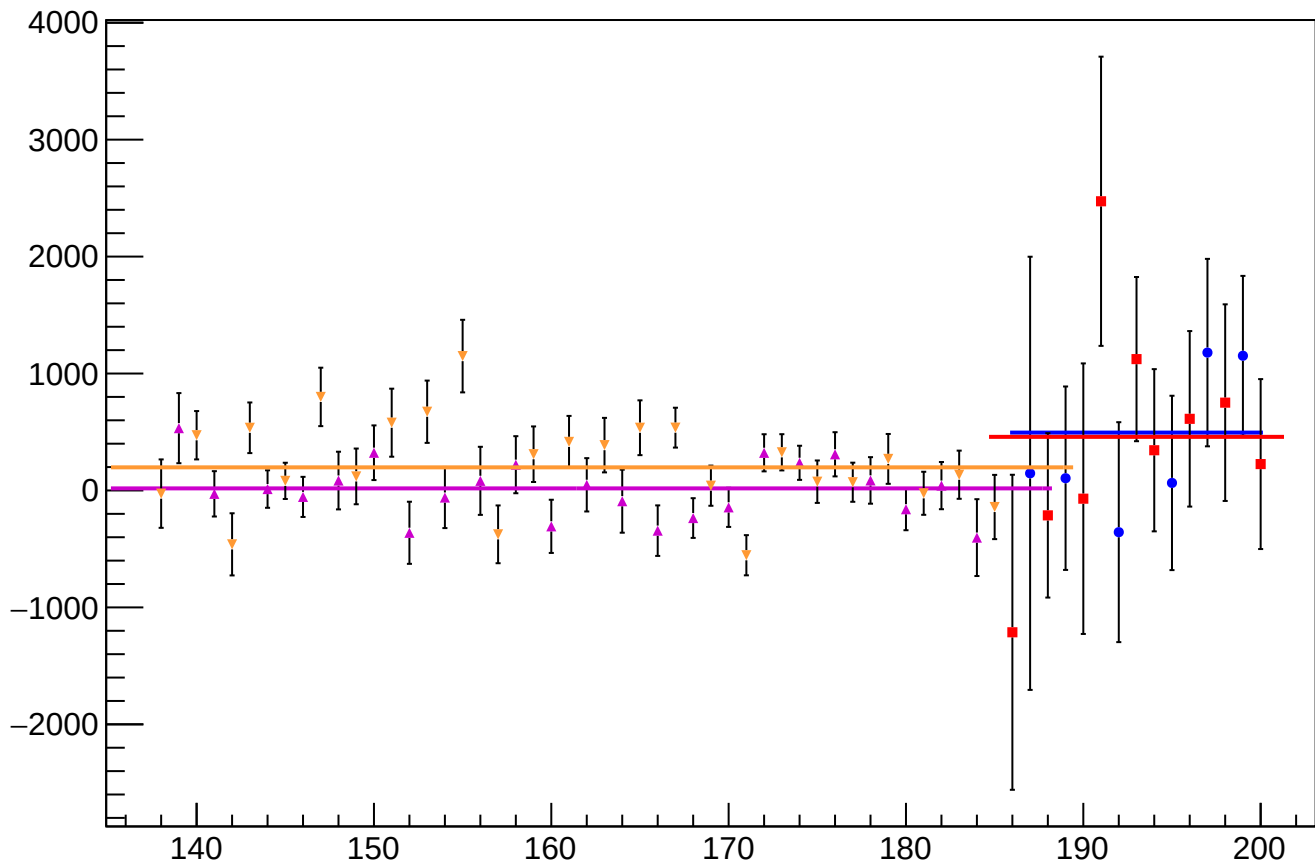
Left In: 32.331+/-0.006 χ^2/NDF : 1141501.0/22

+ sign 32.877+/-0.005 χ^2/NDF : 2357129.5/30

All: 33.546+/-0.004 χ^2/NDF : 4797246.7/62

- sign 34.219+/-0.005 χ^2/NDF : 2406863.9/31

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 494.898 ± 342.043 χ^2/NDF : 3.1/5

Left Out: 197.682 ± 41.831 χ^2/NDF : 69.9/24

Right Out: 458.415 ± 275.574 χ^2/NDF : 6.5/8

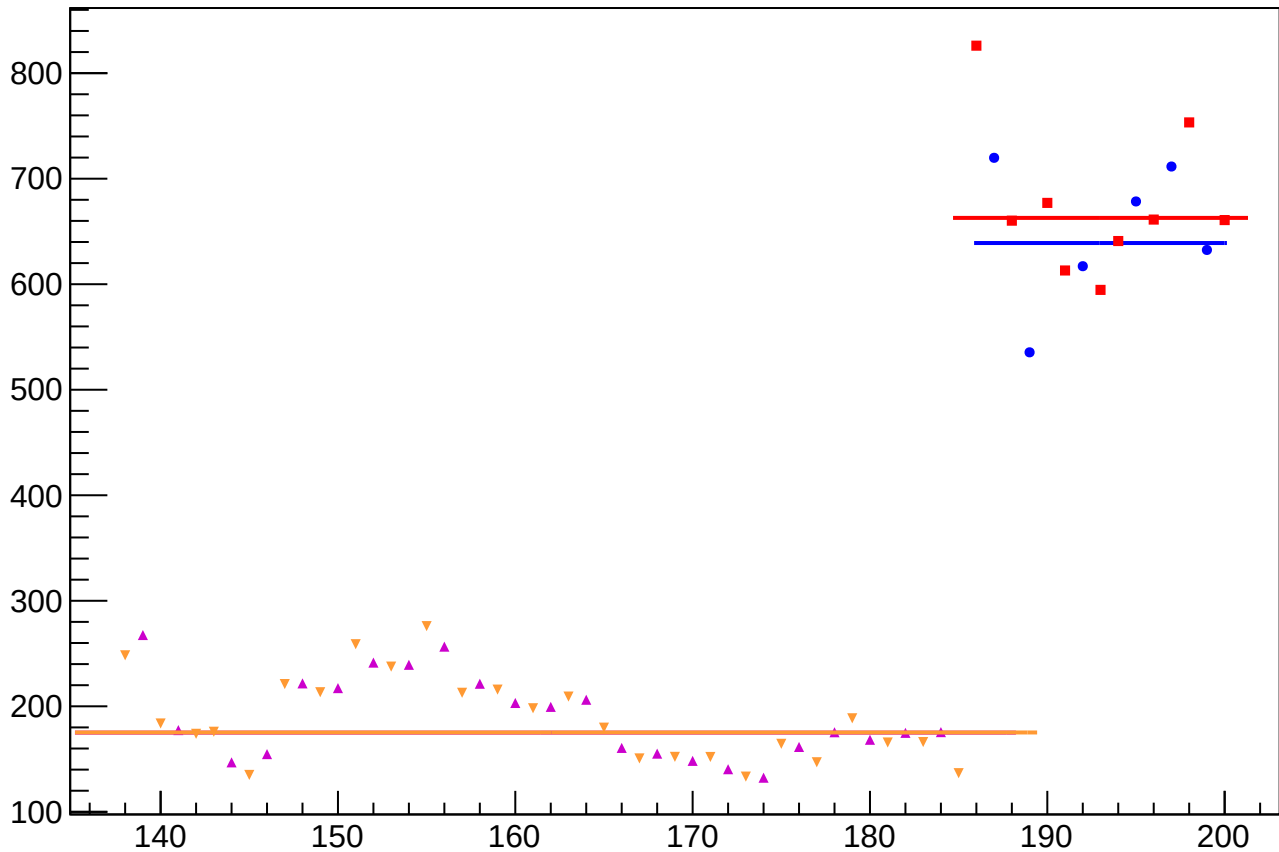
Left In: 17.742 ± 42.576 χ^2/NDF : 27.1/22

+ sign 202.062 ± 41.522 χ^2/NDF : 73.7/30

All: 116.193 ± 29.555 χ^2/NDF : 118.5/62

- sign 28.015 ± 42.077 χ^2/NDF : 36.1/31

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 639.033+/-0.242 χ^2/NDF : 61906.7/5

Left Out: 175.207+/-0.030 χ^2/NDF : 1418225.0/24

Right Out: 662.843+/-0.195 χ^2/NDF : 77010.1/8

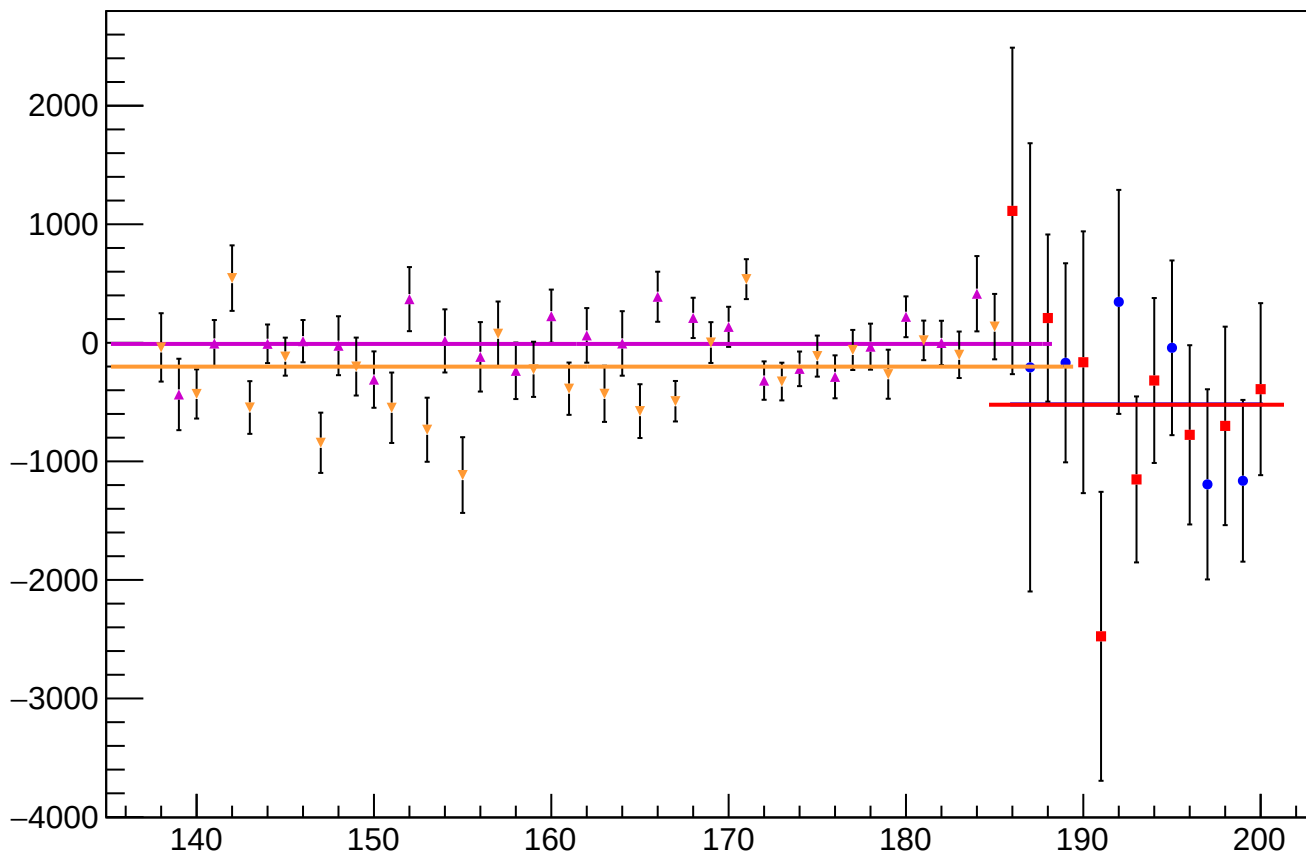
Left In: 175.051+/-0.030 χ^2/NDF : 1339755.1/22

+ sign 182.042+/-0.029 χ^2/NDF : 5103657.6/30

All: 184.204+/-0.021 χ^2/NDF : 12651784.4/62

- sign 186.423+/-0.030 χ^2/NDF : 7537144.1/31

asym_sam_1357_2468_dd_mean vs Slug



Right In: -519.417 ± 345.777 χ^2/NDF : 3.1/5

Left Out: -200.930 ± 41.741 χ^2/NDF : 65.5/24

Right Out: -522.232 ± 275.055 χ^2/NDF : 6.2/8

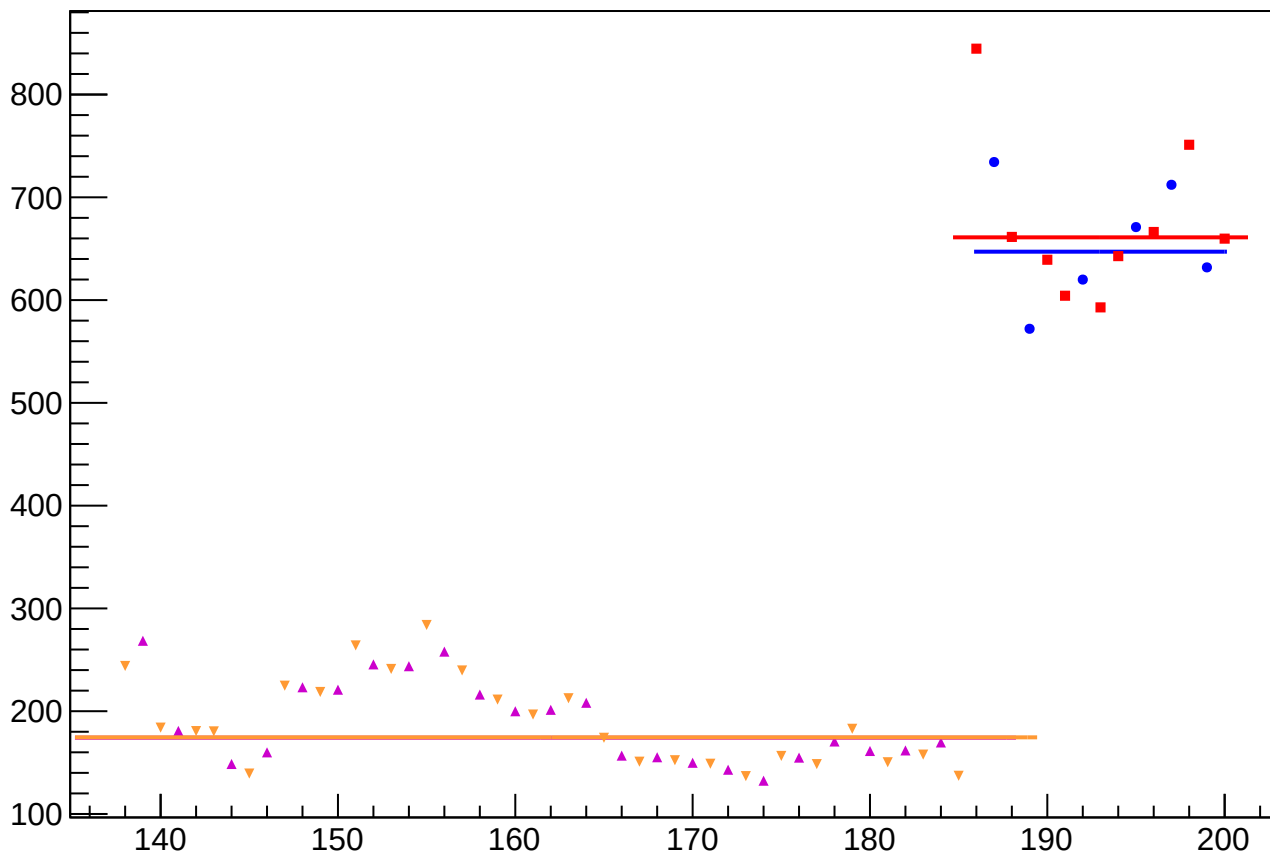
Left In: -9.384 ± 42.437 χ^2/NDF : 25.4/22

+ sign -205.505 ± 41.441 χ^2/NDF : 69.4/30

All: -114.511 ± 29.478 χ^2/NDF : 114.2/62

- sign -21.308 ± 41.941 χ^2/NDF : 35.0/31

asym_sam_1357_2468_dd_rms vs Slug



Right In: 647.102+/-0.245 χ^2/NDF : 38157.7/5

Left Out: 174.567+/-0.030 χ^2/NDF : 1532900.3/24

Right Out: 661.049+/-0.194 χ^2/NDF : 84262.5/8

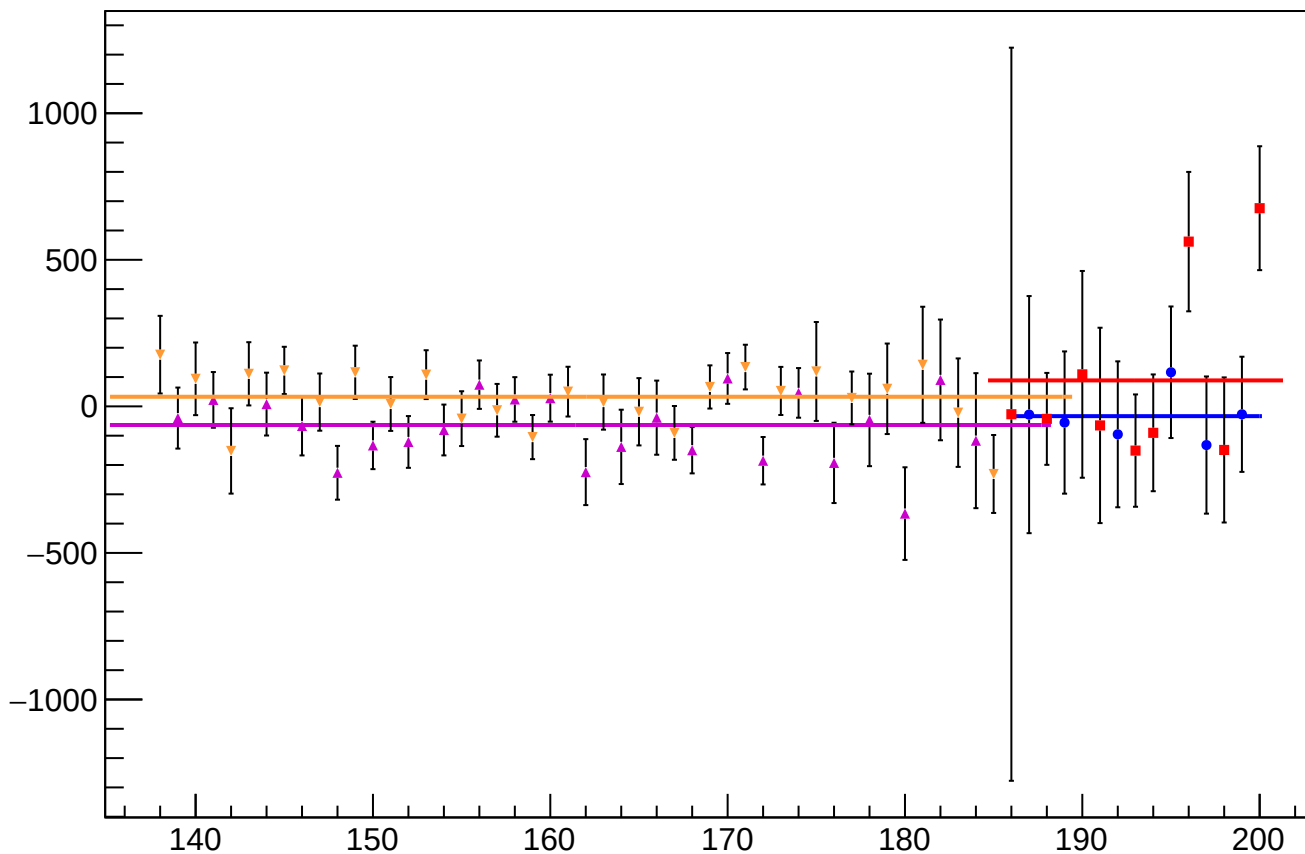
Left In: 174.217+/-0.030 χ^2/NDF : 1364600.9/22

+ sign 181.354+/-0.029 χ^2/NDF : 5252532.7/30

All: 183.420+/-0.021 χ^2/NDF : 12831175.1/62

- sign 185.536+/-0.030 χ^2/NDF : 7568580.5/31

dit_asym_sam_12345678_avg_mean vs Slug



Right In: -33.385 ± 98.404 χ^2/NDF : 0.7/5

Left Out: 32.793 ± 19.705 χ^2/NDF : 19.5/24

Right Out: 88.553 ± 77.343 χ^2/NDF : 15.9/8

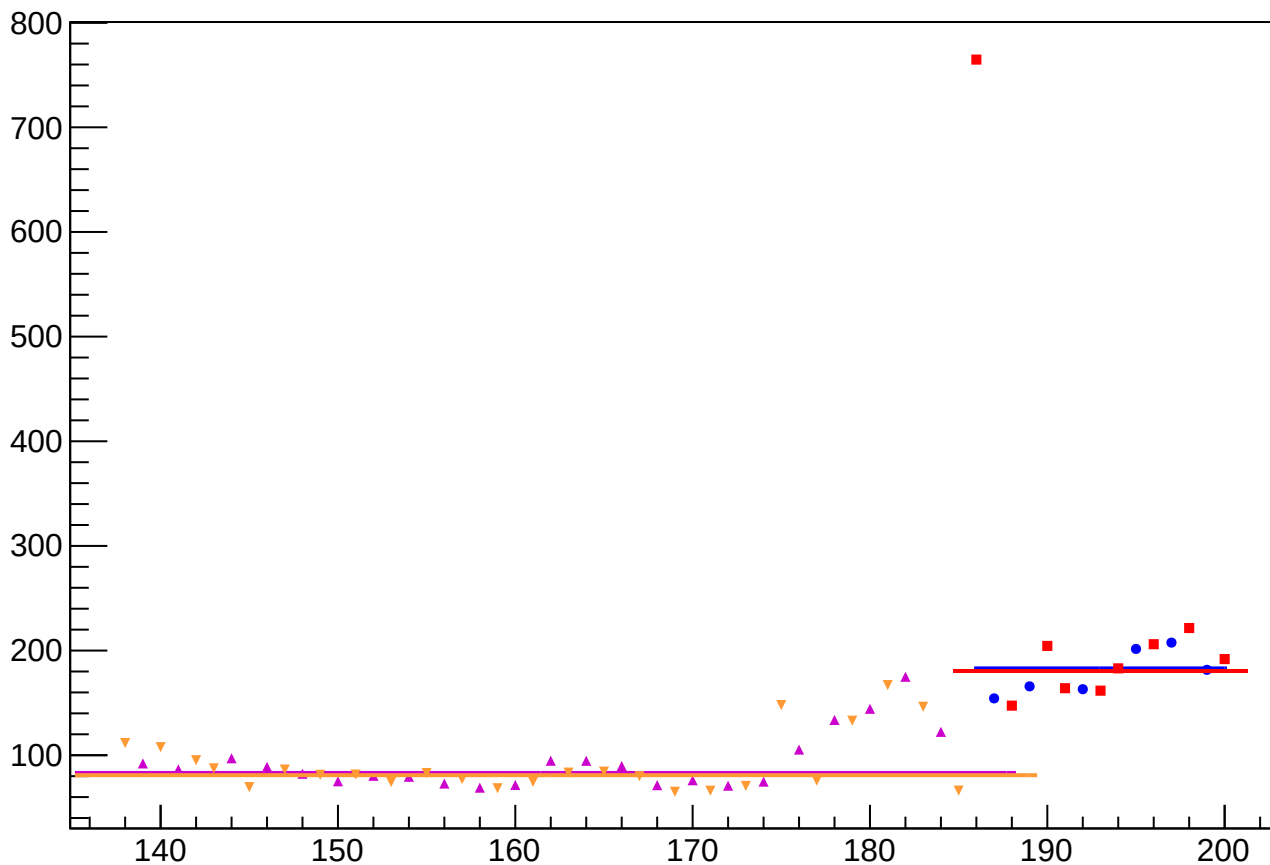
Left In: -63.566 ± 20.573 χ^2/NDF : 27.2/22

+ sign 30.242 ± 19.322 χ^2/NDF : 20.7/30

All: -10.439 ± 13.856 χ^2/NDF : 76.5/62

- sign -53.514 ± 19.882 χ^2/NDF : 46.7/31

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 182.933 $\pm$ 0.070 χ^2 /NDF: 68804.1/5

Left Out: 80.926 $\pm$ 0.014 χ^2 /NDF: 1760910.0/24

Right Out: 180.494 $\pm$ 0.055 χ^2 /NDF: 643280.4/8

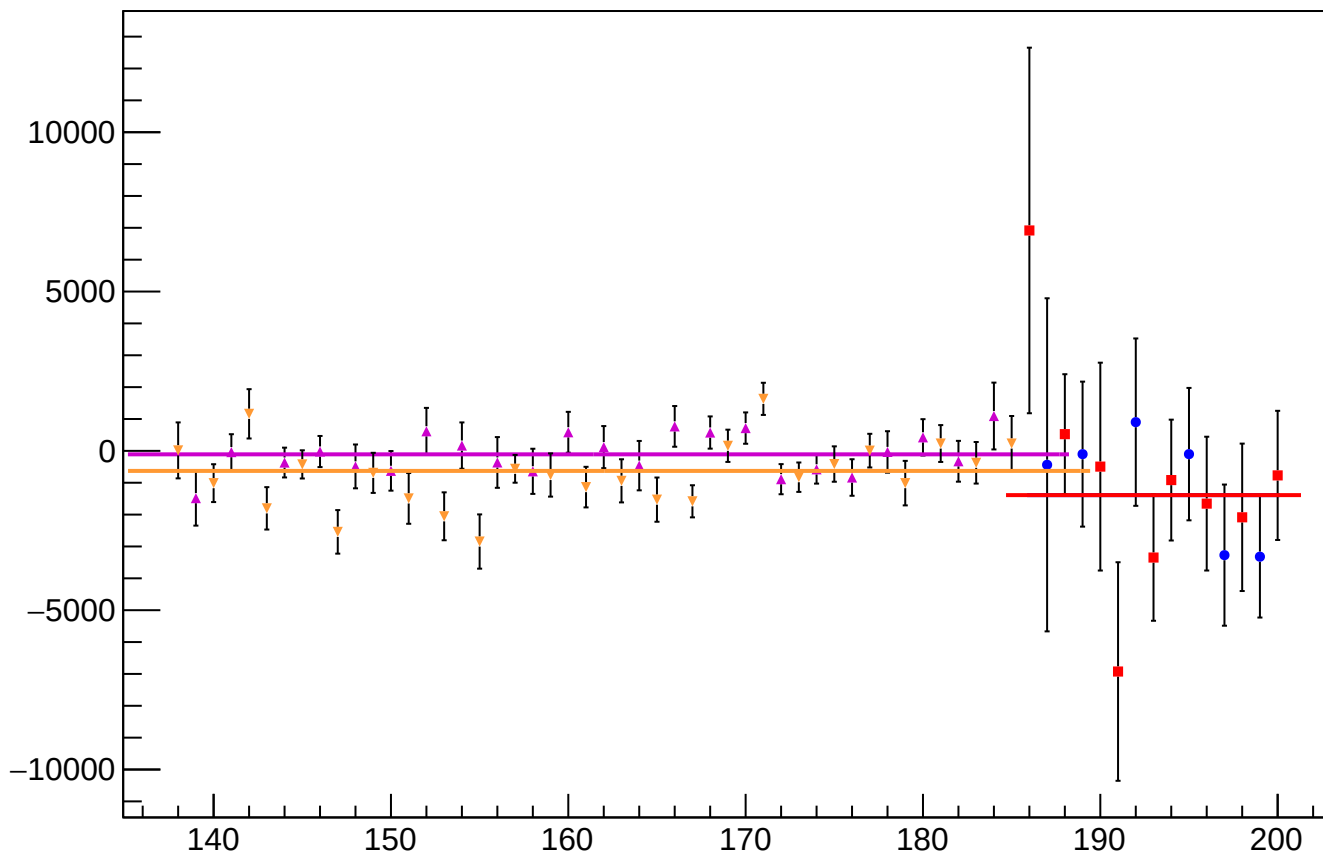
Left In: 83.071 $\pm$ 0.015 χ^2 /NDF: 1405124.8/22

+ sign 84.859 $\pm$ 0.014 χ^2 /NDF: 3895944.7/30

All: 87.117 $\pm$ 0.010 χ^2 /NDF: 8964179.6/62

- sign 89.508 $\pm$ 0.014 χ^2 /NDF: 5011990.6/31

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -1389.132 ± 960.255 χ^2/NDF : 3.2/5

Left Out: -629.005 ± 120.608 χ^2/NDF : 63.2/24

Right Out: -1388.592 ± 771.194 χ^2/NDF : 7.0/8

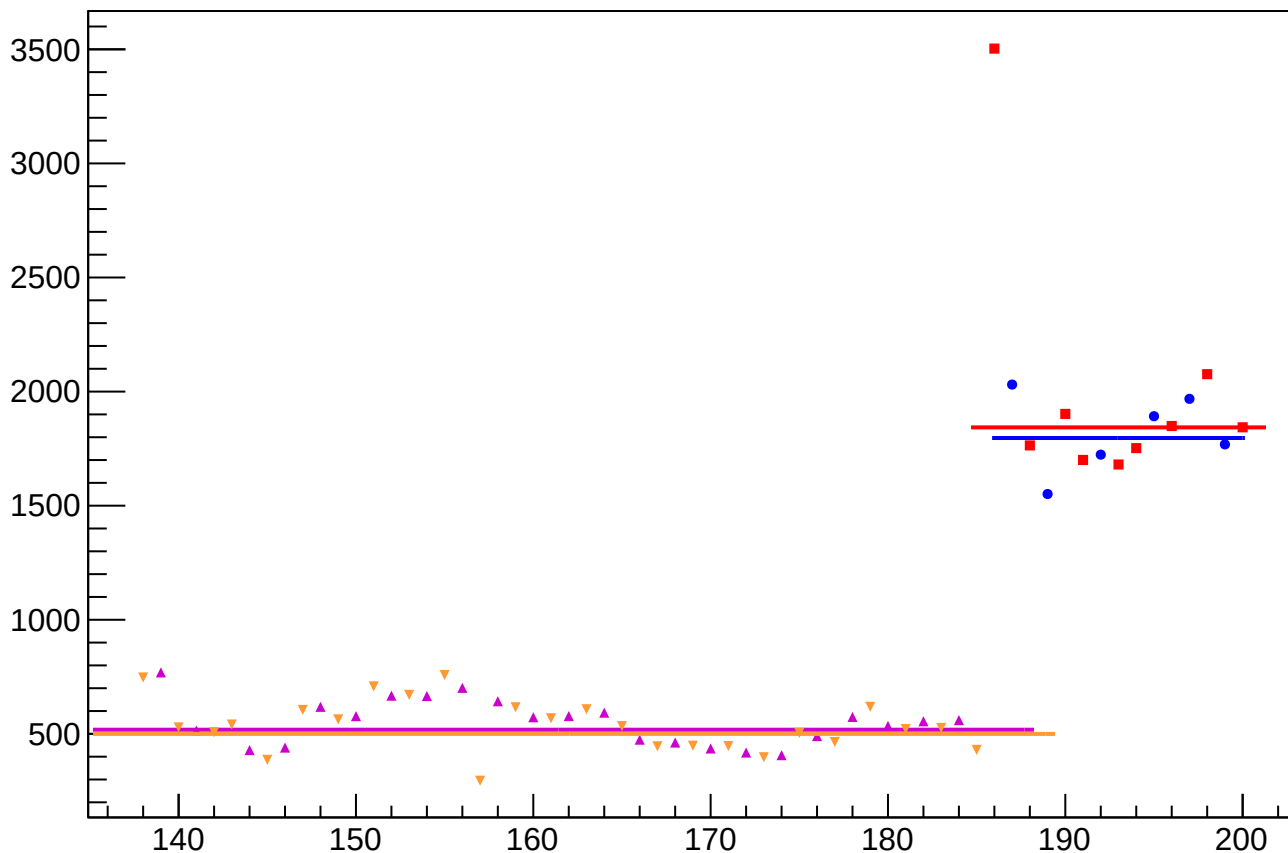
Left In: -108.821 ± 125.527 χ^2/NDF : 21.4/22

+ sign -640.810 ± 119.668 χ^2/NDF : 67.0/30

All: -399.992 ± 86.074 χ^2/NDF : 106.6/62

- sign -141.853 ± 123.897 χ^2/NDF : 31.2/31

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1796.610 $\pm$ 0.679 χ^2 /NDF: 45491.5/5

Left Out: 499.813 $\pm$ 0.085 χ^2 /NDF: 1626530.8/24

Right Out: 1843.124 $\pm$ 0.545 χ^2 /NDF: 213517.9/8

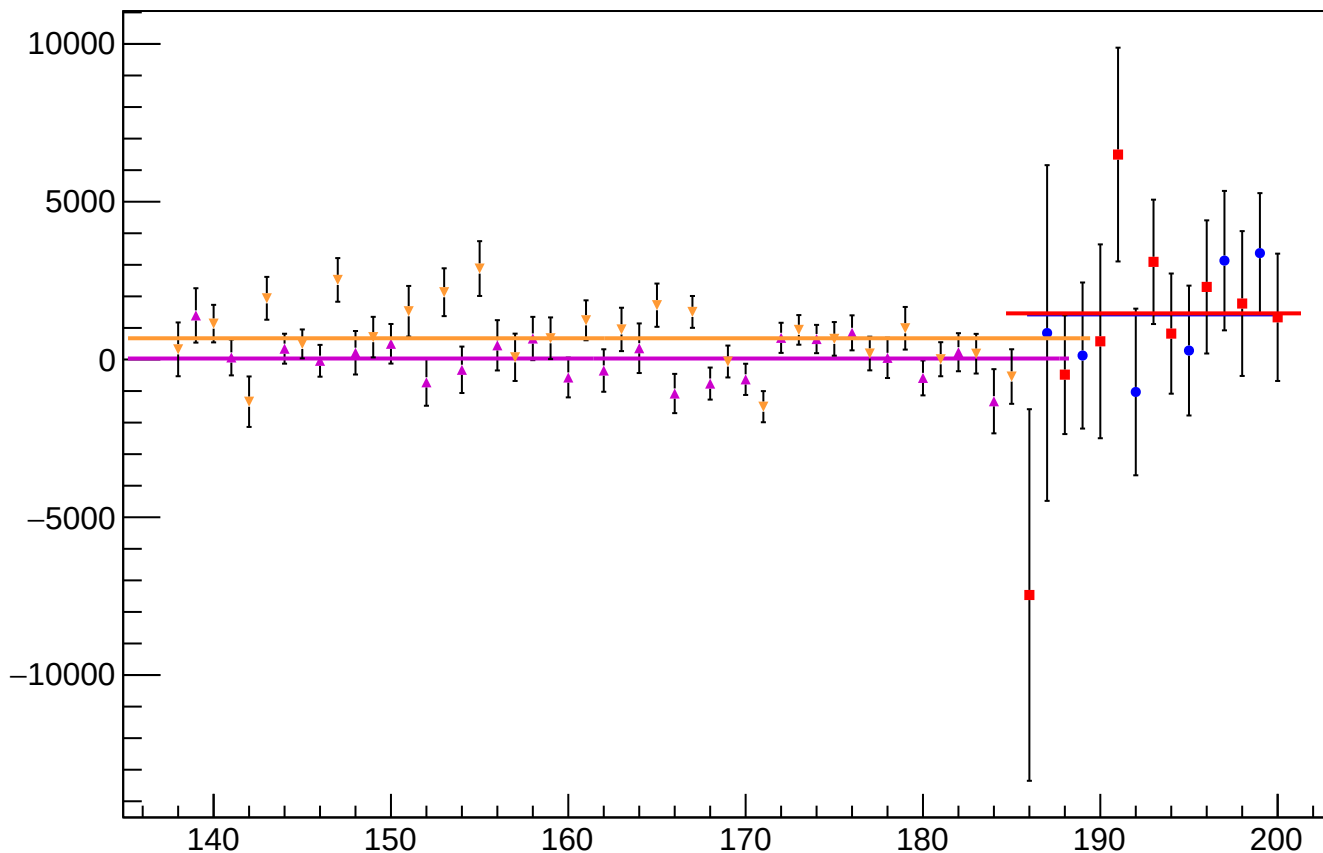
Left In: 518.244 $\pm$ 0.089 χ^2 /NDF: 1071993.3/22

+ sign 519.953 $\pm$ 0.085 χ^2 /NDF: 5262922.4/30

All: 535.632 $\pm$ 0.061 χ^2 /NDF: 12369988.6/62

- sign 552.440 $\pm$ 0.088 χ^2 /NDF: 7035924.7/31

asym_sam_12345678_avg_mean vs Slug



Right In: 1428.337+/-960.837 χ^2/NDF : 3.1/5

Left Out: 672.498+/-123.428 χ^2/NDF : 62.8/24

Right Out: 1461.565+/-767.539 χ^2/NDF : 6.6/8

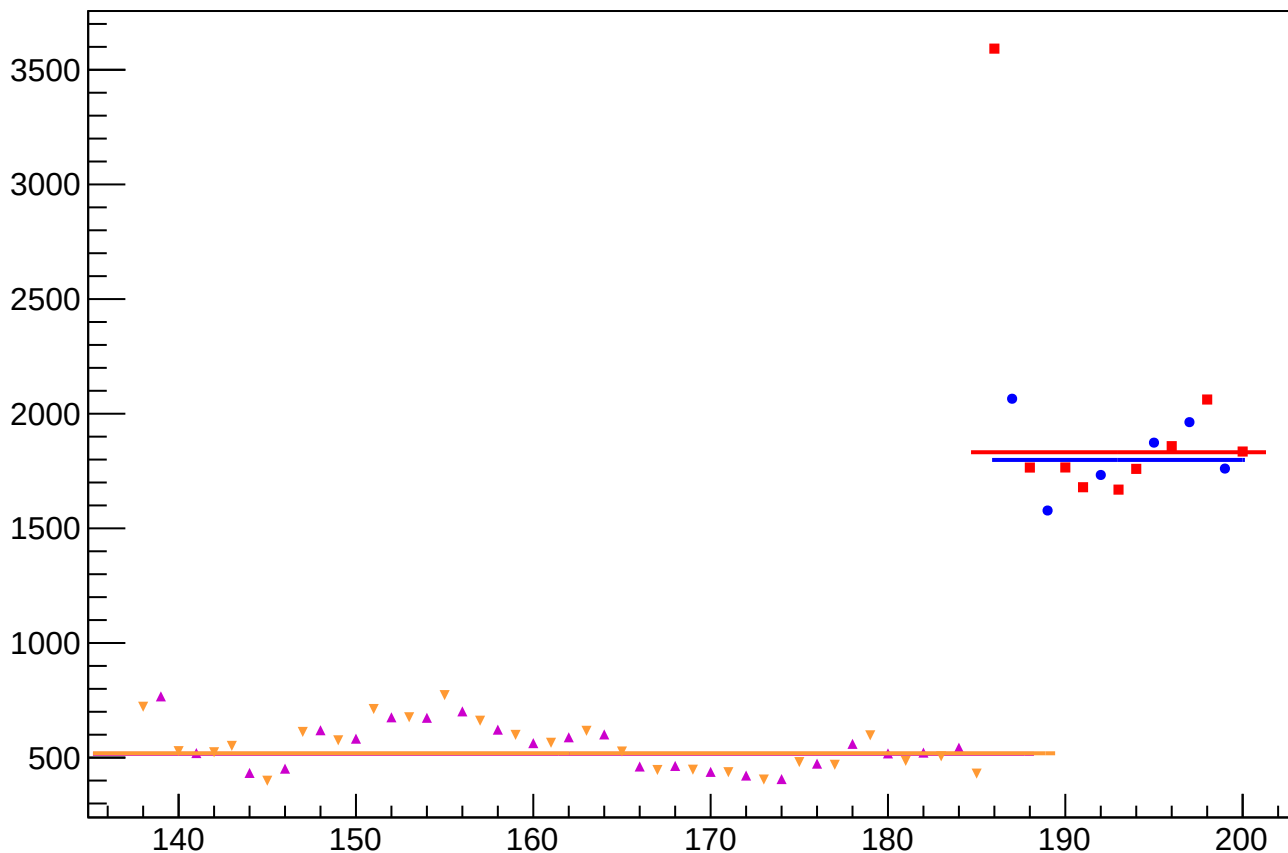
Left In: 31.056+/-125.236 χ^2/NDF : 23.8/22

+ sign 684.768+/-122.422 χ^2/NDF : 66.5/30

All: 379.418+/-86.980 χ^2/NDF : 112.9/62

- sign 68.153+/-123.602 χ^2/NDF : 33.9/31

asym_sam_12345678_avg_rms vs Slug



Right In: 1798.408 $\pm$ 0.679 χ^2 /NDF: 39032.6/5

Left Out: 518.935 $\pm$ 0.087 χ^2 /NDF: 1172613.9/24

Right Out: 1831.973 $\pm$ 0.543 χ^2 /NDF: 223276.6/8

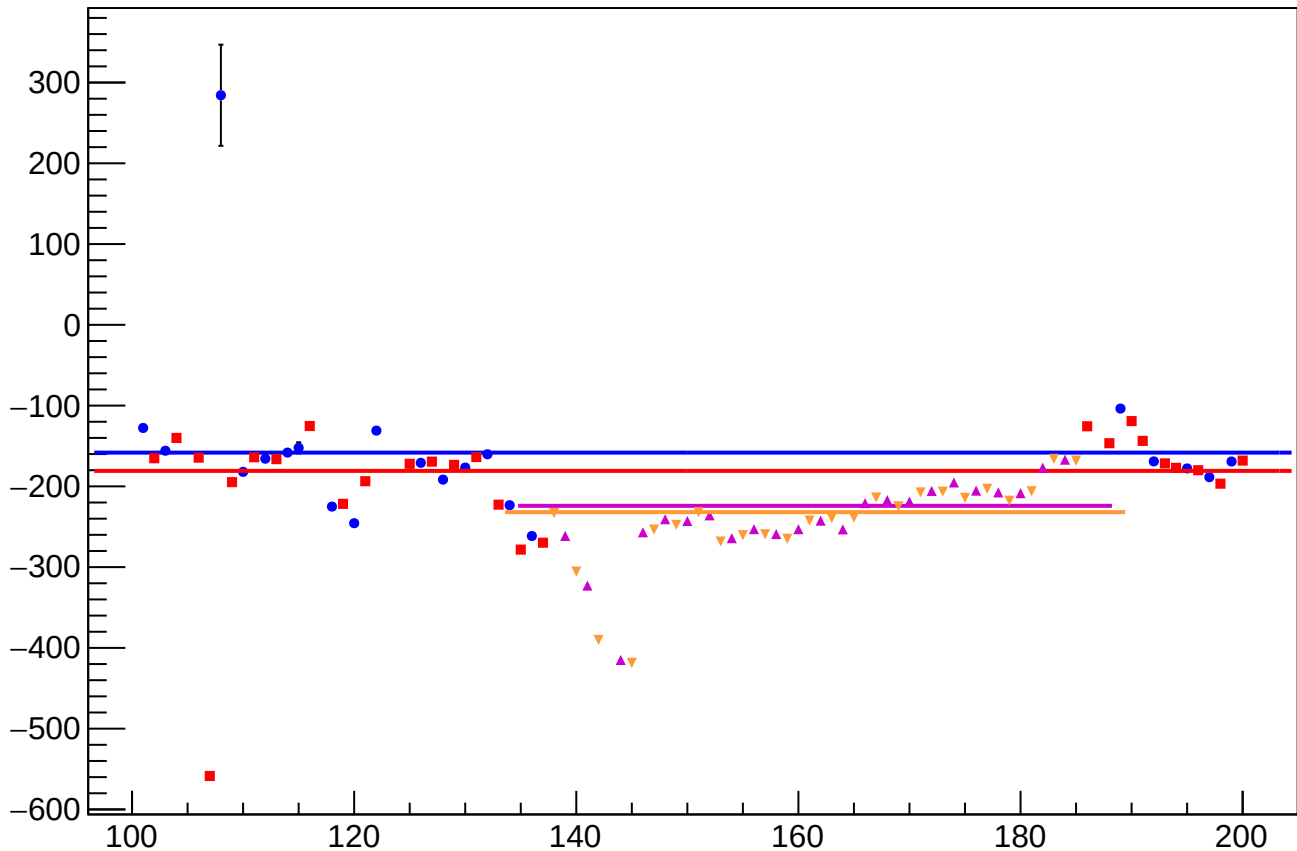
Left In: 516.594 $\pm$ 0.089 χ^2 /NDF: 1036092.8/22

+ sign 539.706 $\pm$ 0.087 χ^2 /NDF: 4700515.8/30

All: 545.153 $\pm$ 0.062 χ^2 /NDF: 11689507.8/62

- sign 550.706 $\pm$ 0.087 χ^2 /NDF: 6980995.9/31

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 123743.0/20$

Left Out: -231.902 ± 0.108 $\chi^2/\text{NDF}: 110473.4/23$

Right Out: -180.845 ± 0.090 $\chi^2/\text{NDF}: 166098.3/25$

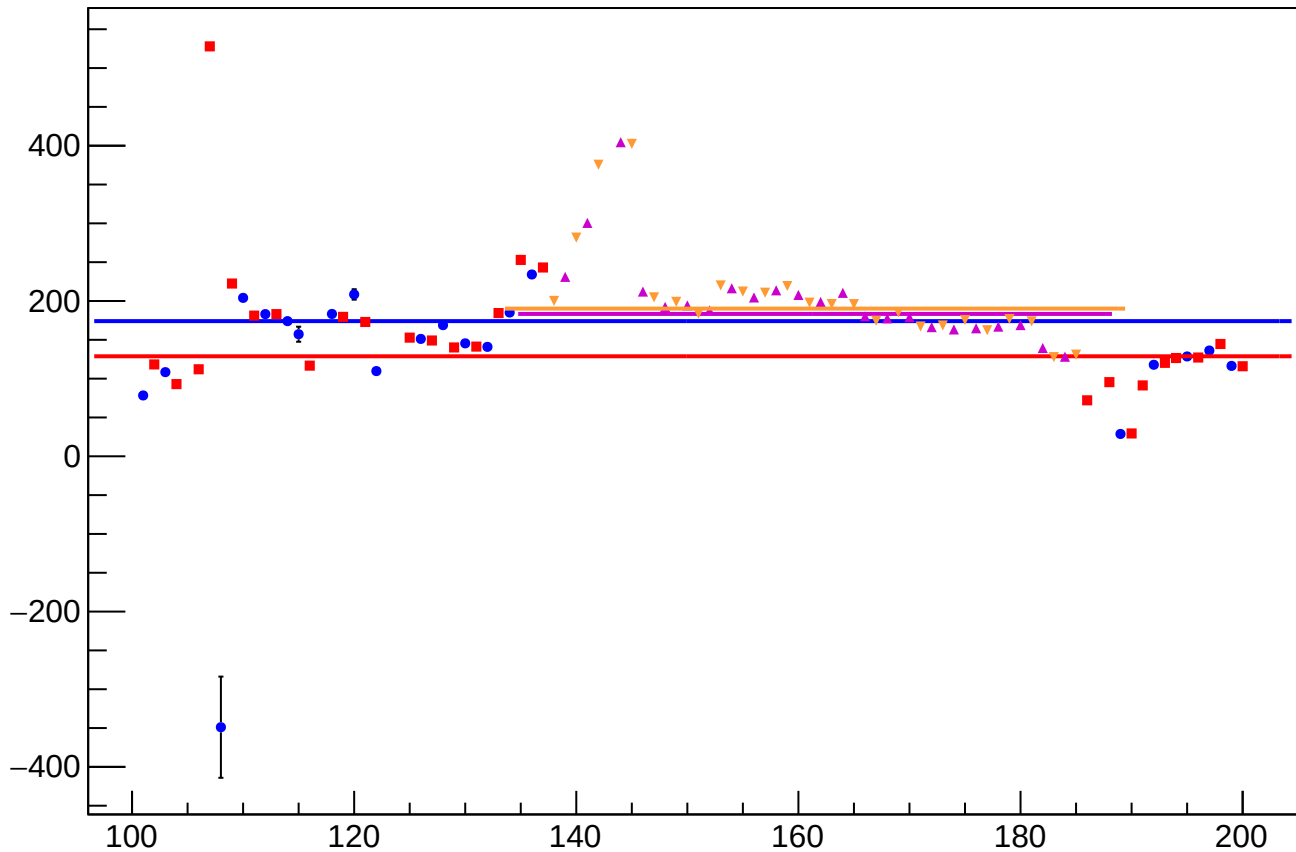
Left In: -224.103 ± 0.098 $\chi^2/\text{NDF}: 153347.0/22$

+ sign -158.222 ± 0.000 $\chi^2/\text{NDF}: 698380.1/44$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 1530337.2/93$

- sign -200.575 ± 0.066 $\chi^2/\text{NDF}: 424805.7/48$

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 118726.7/20

Left Out: 190.208 $\pm$ 0.109 χ^2 /NDF:99613.5/23

Right Out: 128.805 $\pm$ 0.091 χ^2 /NDF: 161973.0/25

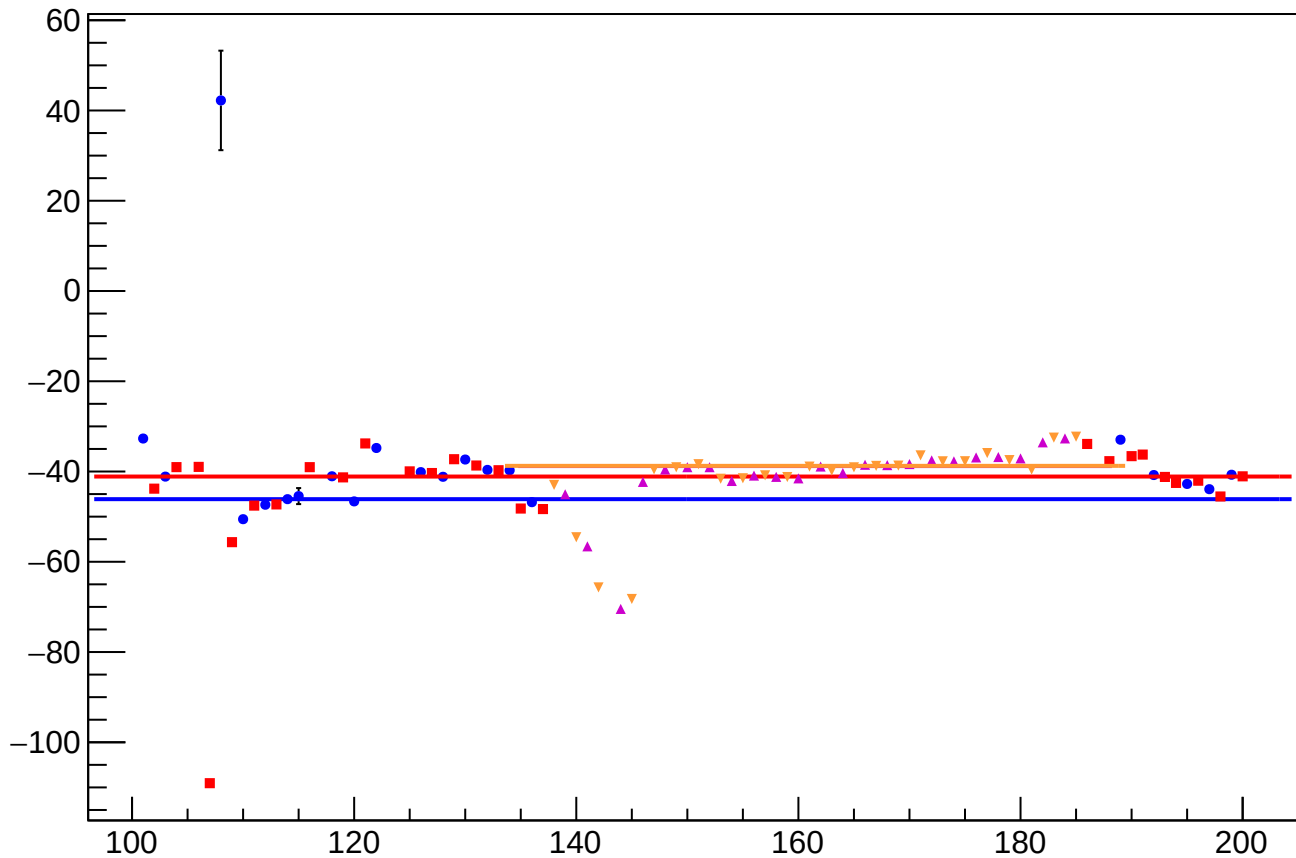
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF:155441.6/22

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 240353.9/44

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 816476.5/93

- sign 153.670 $\pm$ 0.067 χ^2 /NDF: 482777.5/48

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF : 442855.6/20

Left Out: -38.745+/-0.006 χ^2/NDF : 400638.0/23

Right Out: -41.113+/-0.011 χ^2/NDF : 305591.4/25

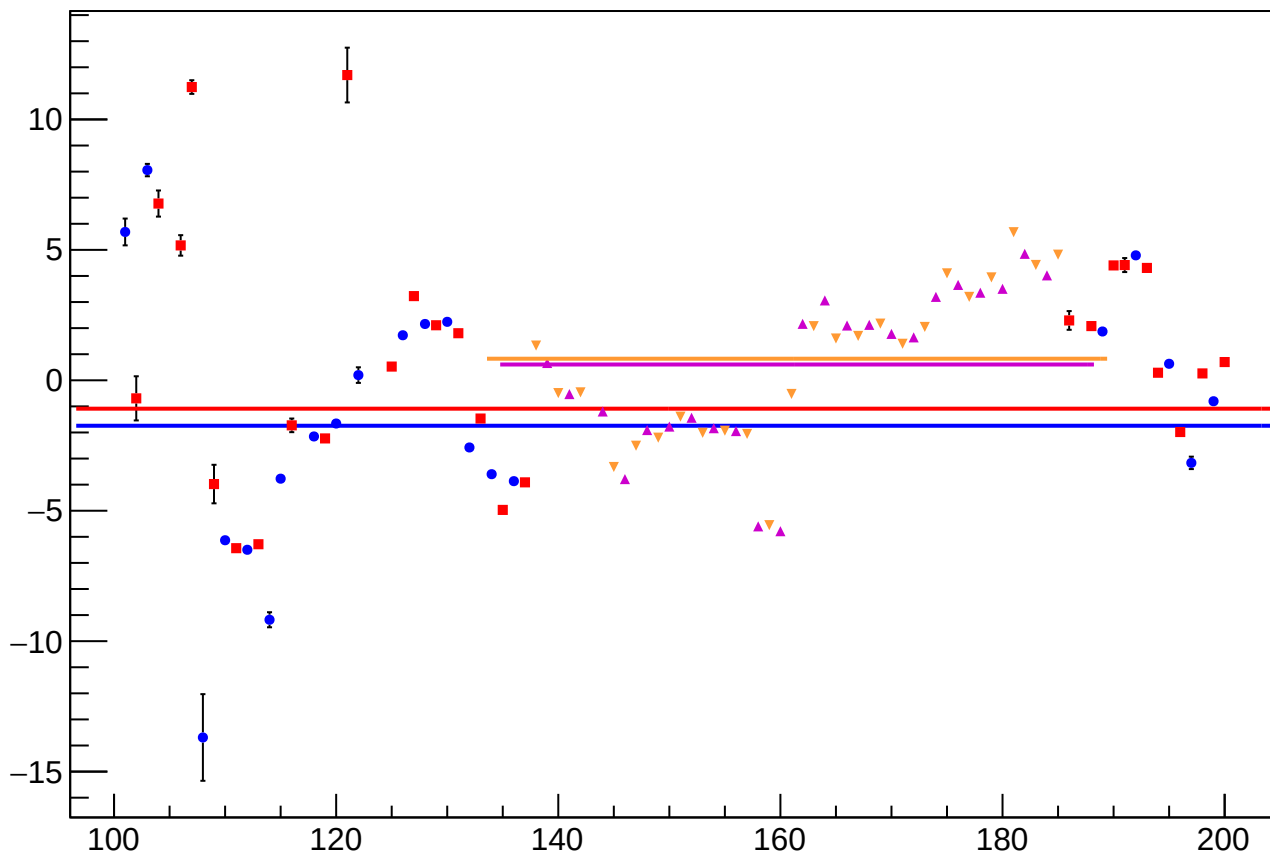
Left In: -38.794+/-0.007 χ^2/NDF : 321993.9/22

+ sign -46.126+/-0.000 χ^2/NDF : 2420678.8/44

All: -46.126+/-0.000 χ^2/NDF : 4501970.6/93

- sign -39.379+/-0.006 χ^2/NDF : 659254.4/48

dit_usl_4aY_slope vs Slug



Right In: -1.742 ± 0.017 χ^2/NDF : 31256.5/20

Left Out: 0.828 ± 0.006 χ^2/NDF : 255303.5/23

Right Out: -1.088 ± 0.019 χ^2/NDF : 35881.9/25

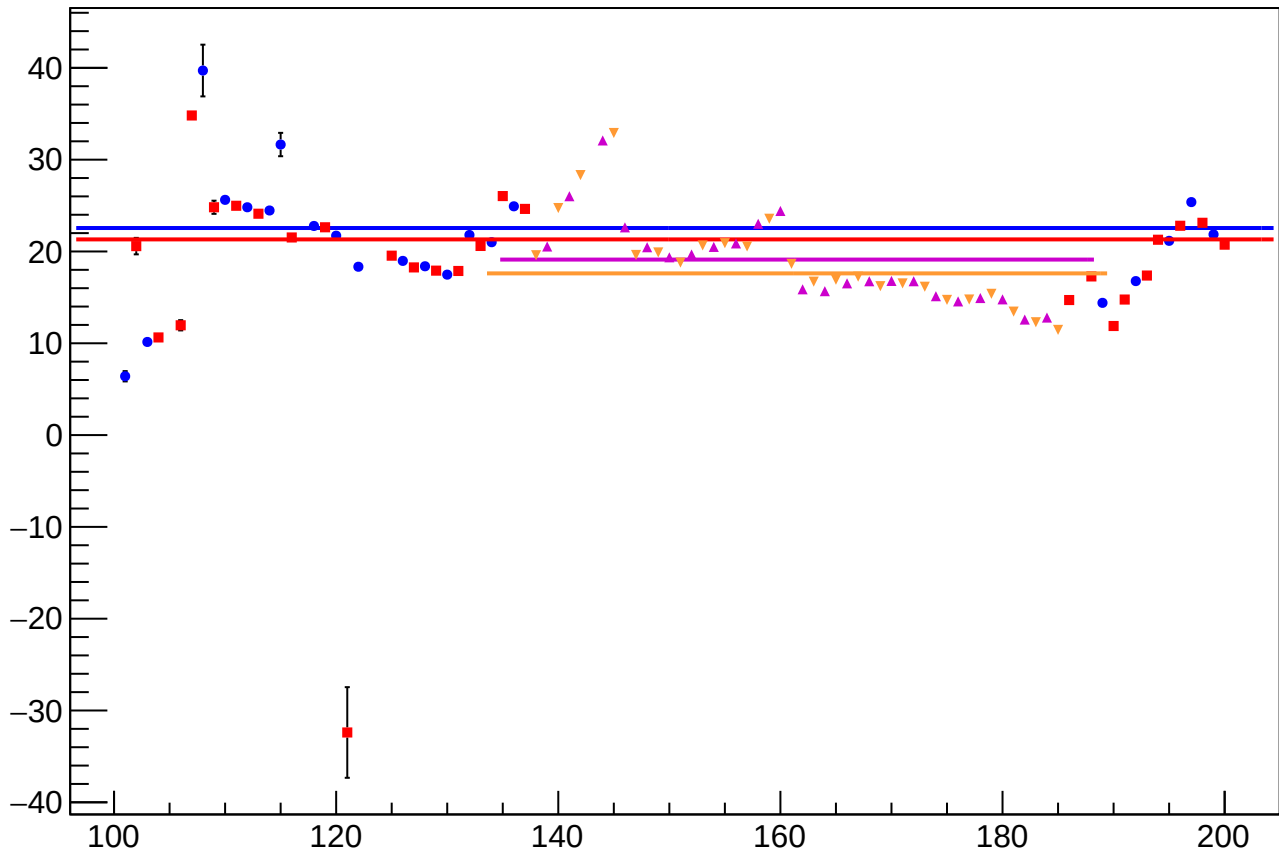
Left In: 0.606 ± 0.005 χ^2/NDF : 331282.7/22

+ sign 0.534 ± 0.006 χ^2/NDF : 306702.3/44

All: 0.513 ± 0.004 χ^2/NDF : 681079.4/93

- sign 0.497 ± 0.005 χ^2/NDF : 374354.1/48

dit_usl_4eY_slope vs Slug



Right In: 22.555 $\pm$ 0.018 χ^2 /NDF: 25536.4/20

Left Out: 17.613 $\pm$ 0.007 χ^2 /NDF: 178438.8/23

Right Out: 21.315 $\pm$ 0.019 χ^2 /NDF: 28477.5/25

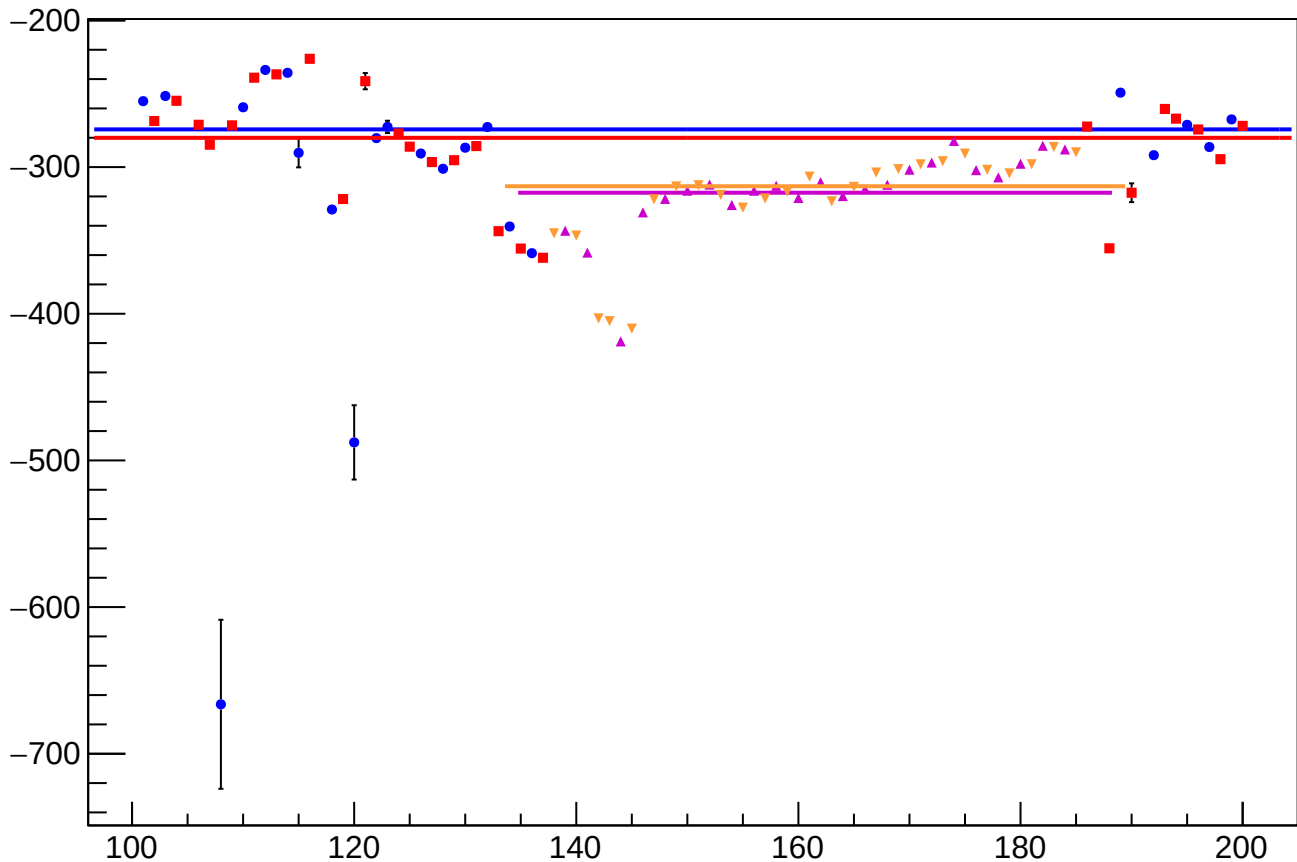
Left In: 19.117 $\pm$ 0.007 χ^2 /NDF: 229353.0/22

+ sign 18.276 $\pm$ 0.007 χ^2 /NDF: 268501.1/44

All: 18.828 $\pm$ 0.005 χ^2 /NDF: 551843.9/93

- sign 19.383 $\pm$ 0.007 χ^2 /NDF: 269439.4/48

dit_usr_4aX_slope vs Slug



Right In: -274.290 ± 0.128 χ^2/NDF : 59510.5/21

Left Out: -313.052 ± 0.096 χ^2/NDF : 54405.8/24

Right Out: -280.045 ± 0.098 χ^2/NDF : 66048.9/25

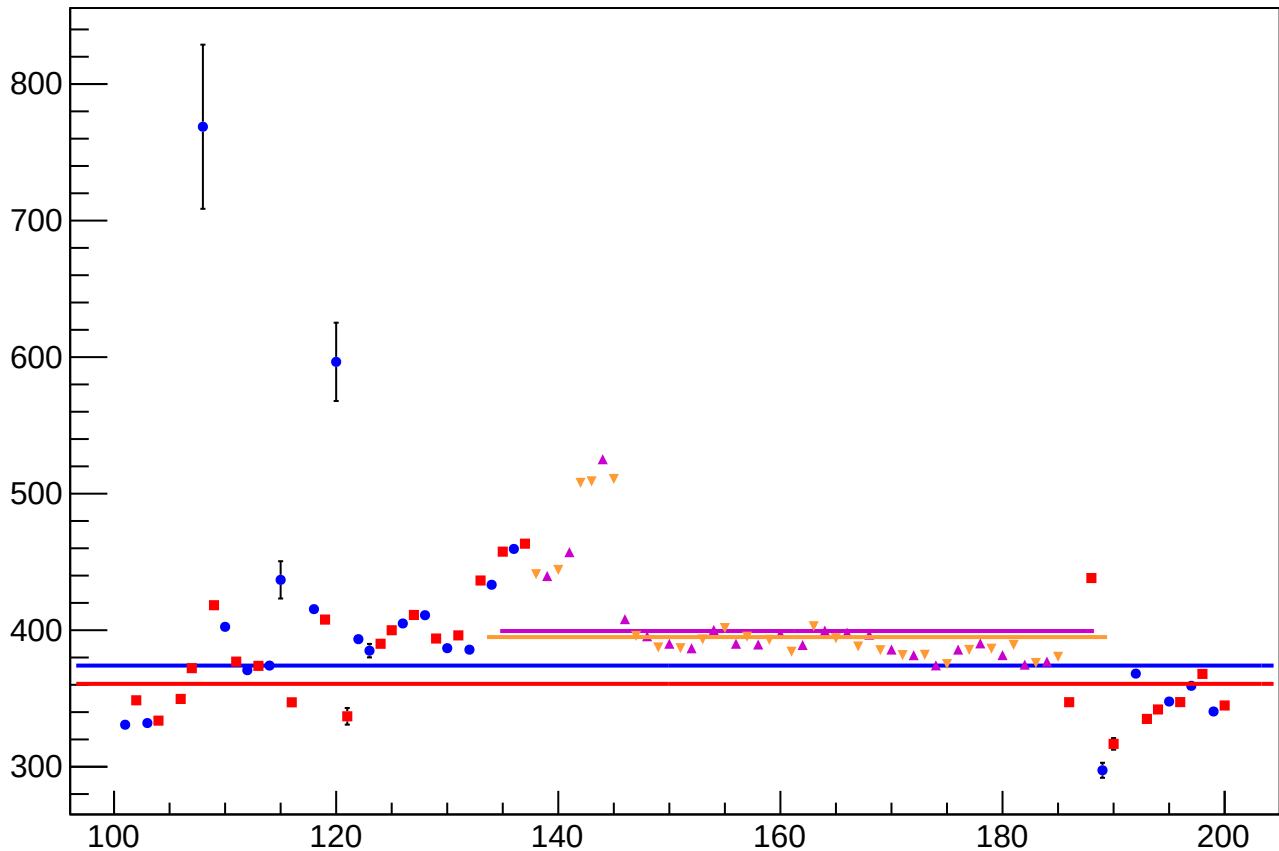
Left In: -317.471 ± 0.095 χ^2/NDF : 63067.6/22

+ sign -299.183 ± 0.077 χ^2/NDF : 172455.5/46

All: -299.241 ± 0.051 χ^2/NDF : 376646.6/95

- sign -299.286 ± 0.068 χ^2/NDF : 204190.1/48

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF : 58146.9/21

Left Out: 394.968+/-0.096 χ^2/NDF : 68076.2/24

Right Out: 360.712+/-0.098 χ^2/NDF : 96706.6/25

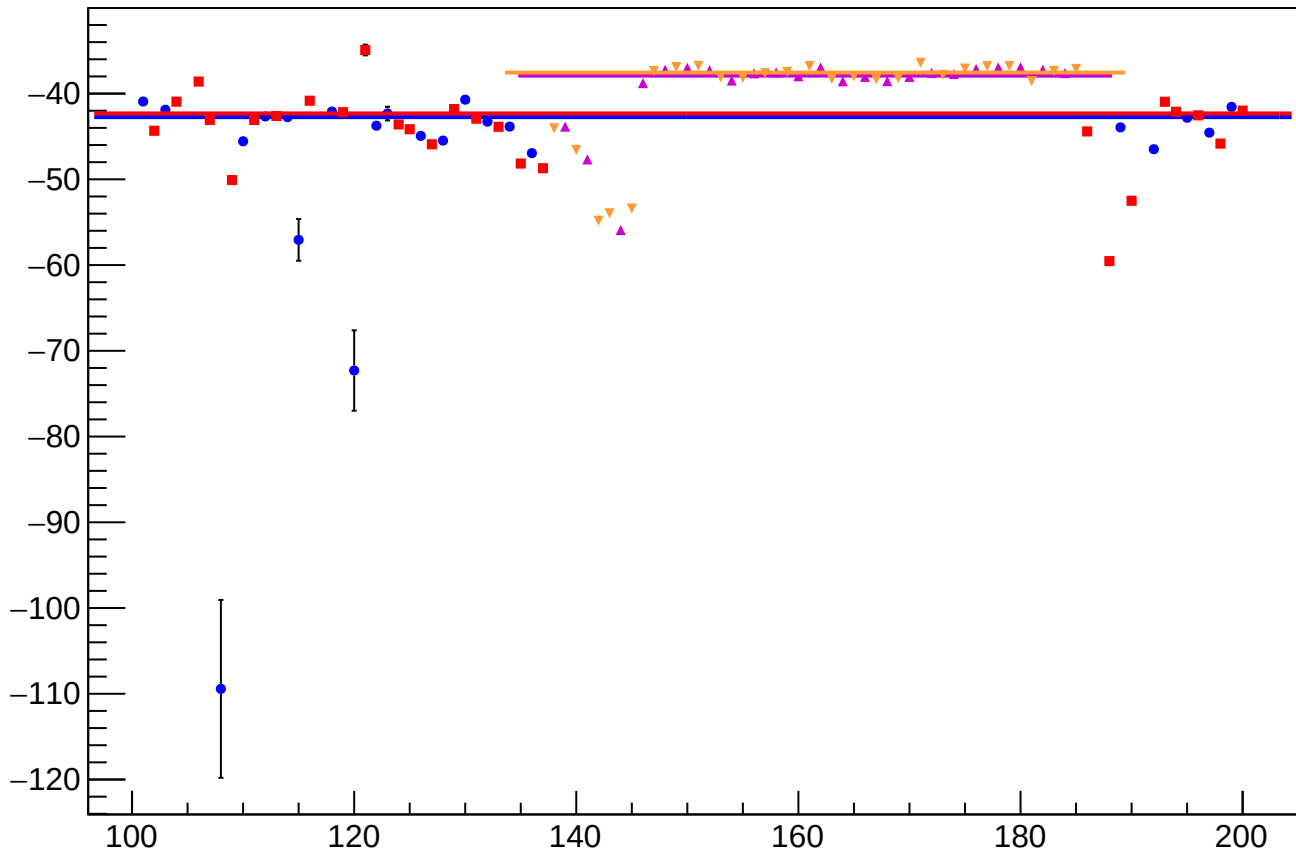
Left In: 399.410+/-0.097 χ^2/NDF : 77209.0/22

+ sign 374.094+/-0.000 χ^2/NDF : 173493.8/46

All: 374.094+/-0.000 χ^2/NDF : 434545.1/95

- sign 380.191+/-0.069 χ^2/NDF : 253180.7/48

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 15419.0/21

Left Out: -37.547 $\pm$ 0.004 χ^2 /NDF: 267131.7/24

Right Out: -42.313 $\pm$ 0.012 χ^2 /NDF: 24983.5/25

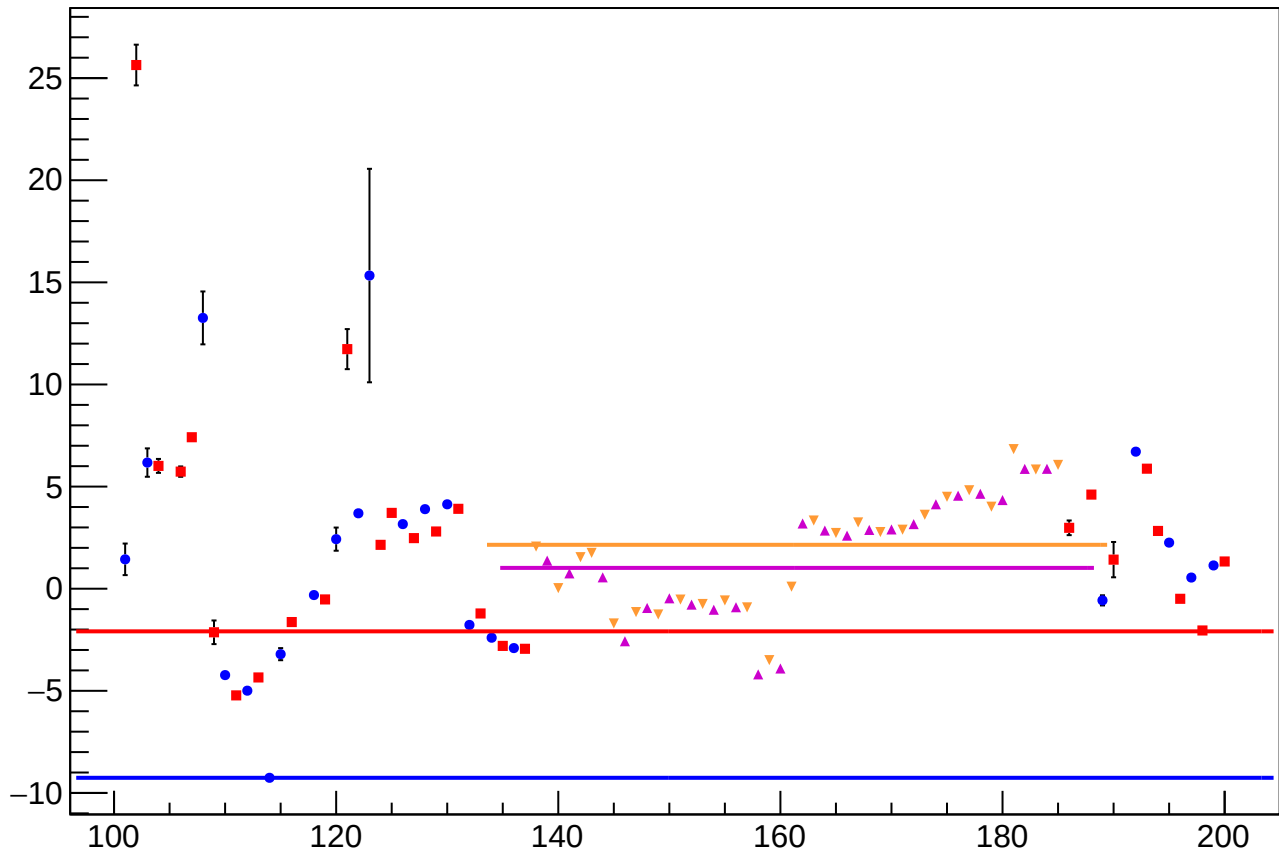
Left In: -37.903 $\pm$ 0.004 χ^2 /NDF: 156960.8/22

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 2118098.7/46

All: -42.744 $\pm$ 0.000 χ^2 /NDF: 3663318.1/95

- sign -38.404 $\pm$ 0.004 χ^2 /NDF: 310334.1/48

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 449476.6/21

Left Out: 2.149 ± 0.005 χ^2/NDF : 290739.3/24

Right Out: -2.088 ± 0.008 χ^2/NDF : 69728.8/25

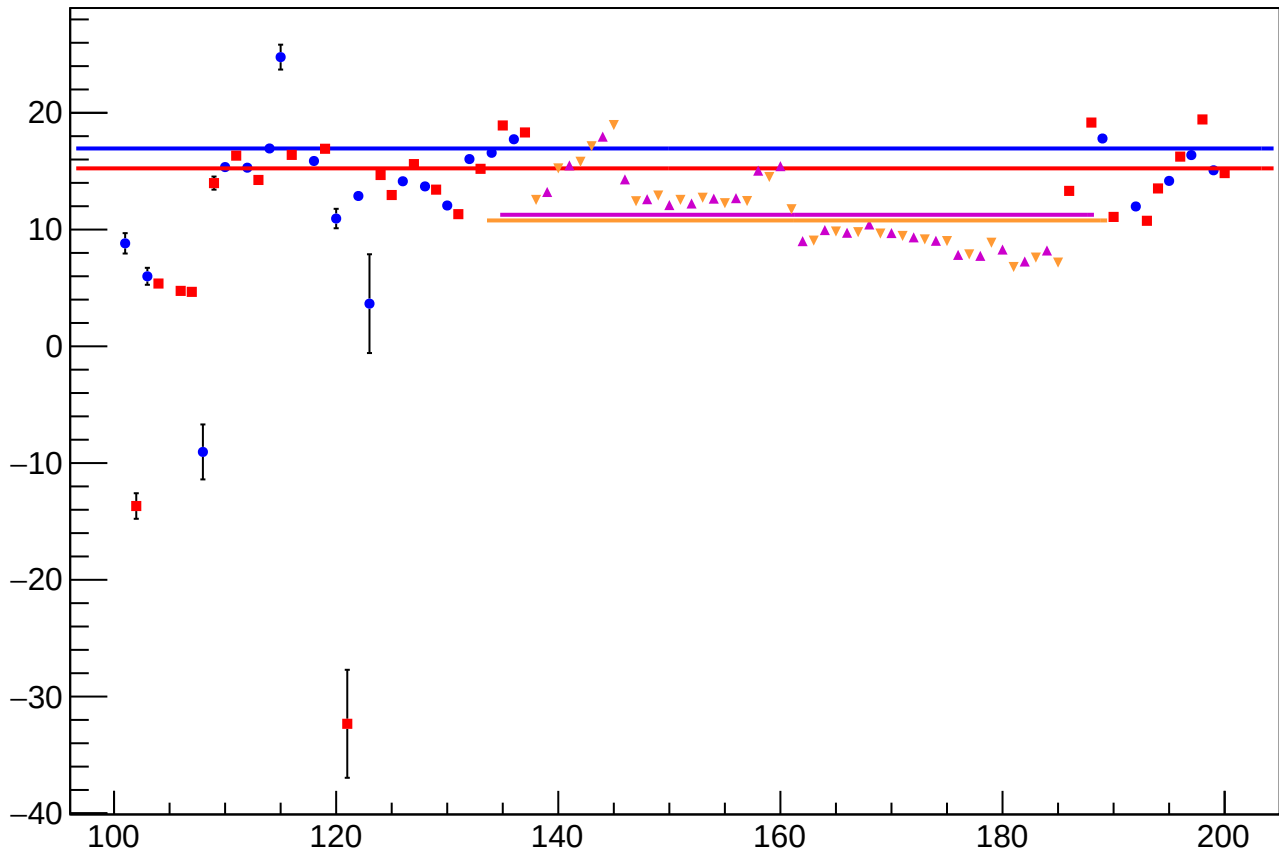
Left In: 1.019 ± 0.006 χ^2/NDF : 250029.0/22

+ sign -9.259 ± 0.000 χ^2/NDF : 6183074.1/46

All: -9.259 ± 0.000 χ^2/NDF : 10653514.6/95

- sign -0.110 ± 0.005 χ^2/NDF : 427633.3/48

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2/NDF : 12984.9/21

Left Out: 10.782 $\pm$ 0.007 χ^2/NDF :129427.5/24

Right Out: 15.242 $\pm$ 0.015 χ^2/NDF : 33905.4/25

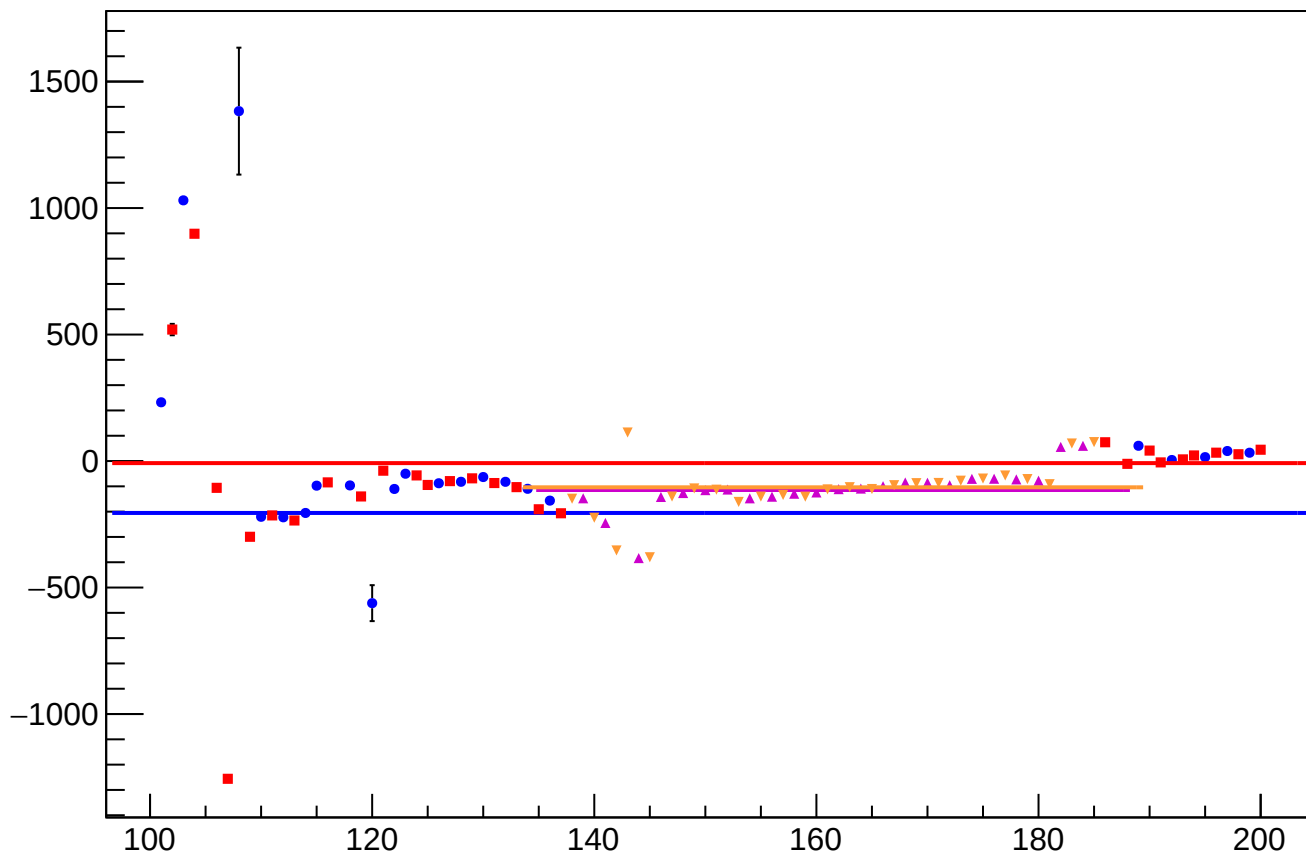
Left In: 11.267 $\pm$ 0.008 χ^2/NDF :98438.0/22

+ sign 16.947 $\pm$ 0.000 χ^2/NDF : 997341.1/46

All: 16.947 $\pm$ 0.000 χ^2/NDF : 1667370.4/95

- sign 12.126 $\pm$ 0.007 χ^2/NDF : 187862.4/48

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1628241.4/21$

Left Out: -103.842 ± 0.192 $\chi^2/\text{NDF}: 94751.7/24$

Right Out: -8.160 ± 0.205 $\chi^2/\text{NDF}: 183234.3/26$

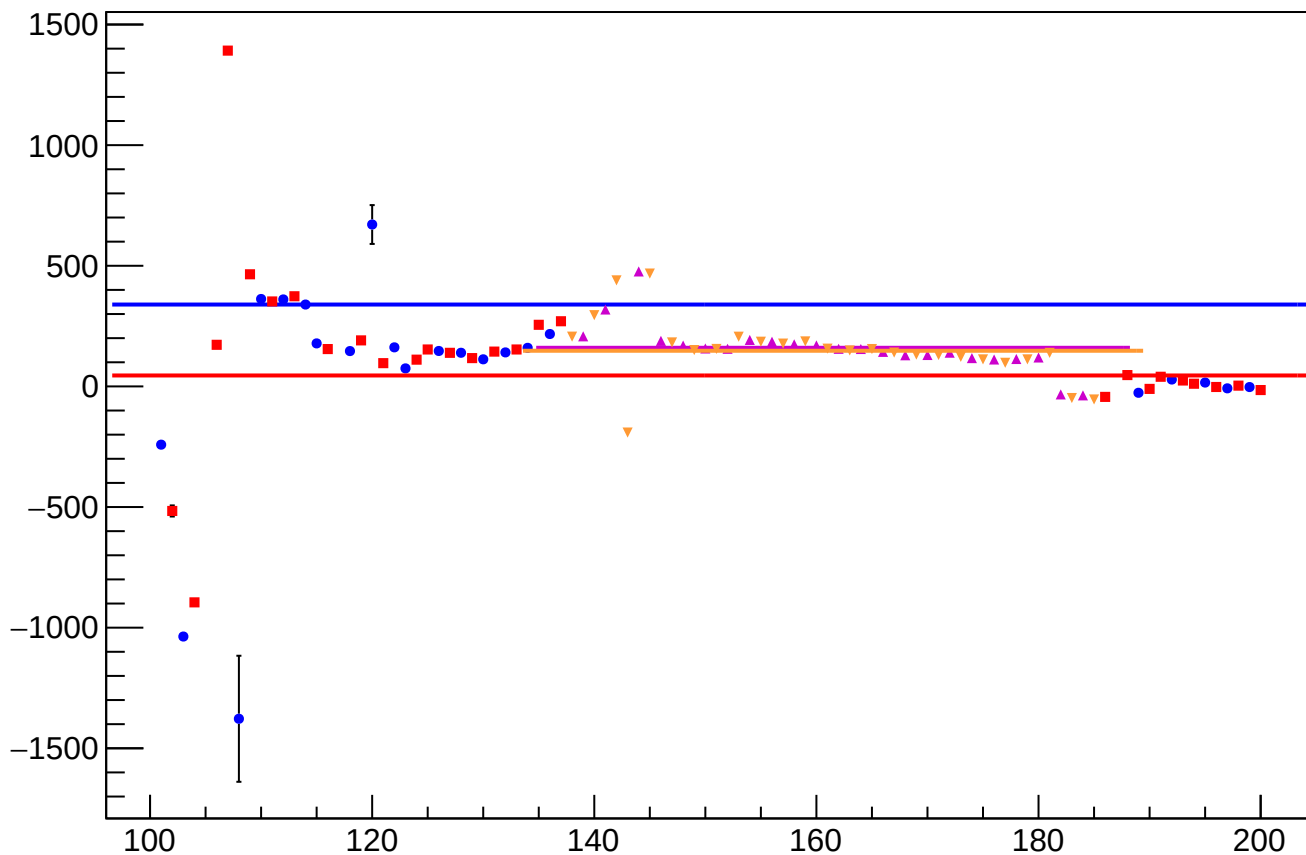
Left In: -114.444 ± 0.225 $\chi^2/\text{NDF}: 76837.7/22$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 2002363.3/46$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 3349289.8/96$

- sign -56.408 ± 0.151 $\chi^2/\text{NDF}: 382160.1/49$

dit_atl1_4eX_slope vs Slug



Right In: 339.325 $\pm$ 0.000 χ^2 /NDF: 1834194.8/21

Left Out: 147.771 $\pm$ 0.196 χ^2 /NDF:134281.2/24

Right Out: 45.324 $\pm$ 0.200 χ^2 /NDF: 276917.4/26

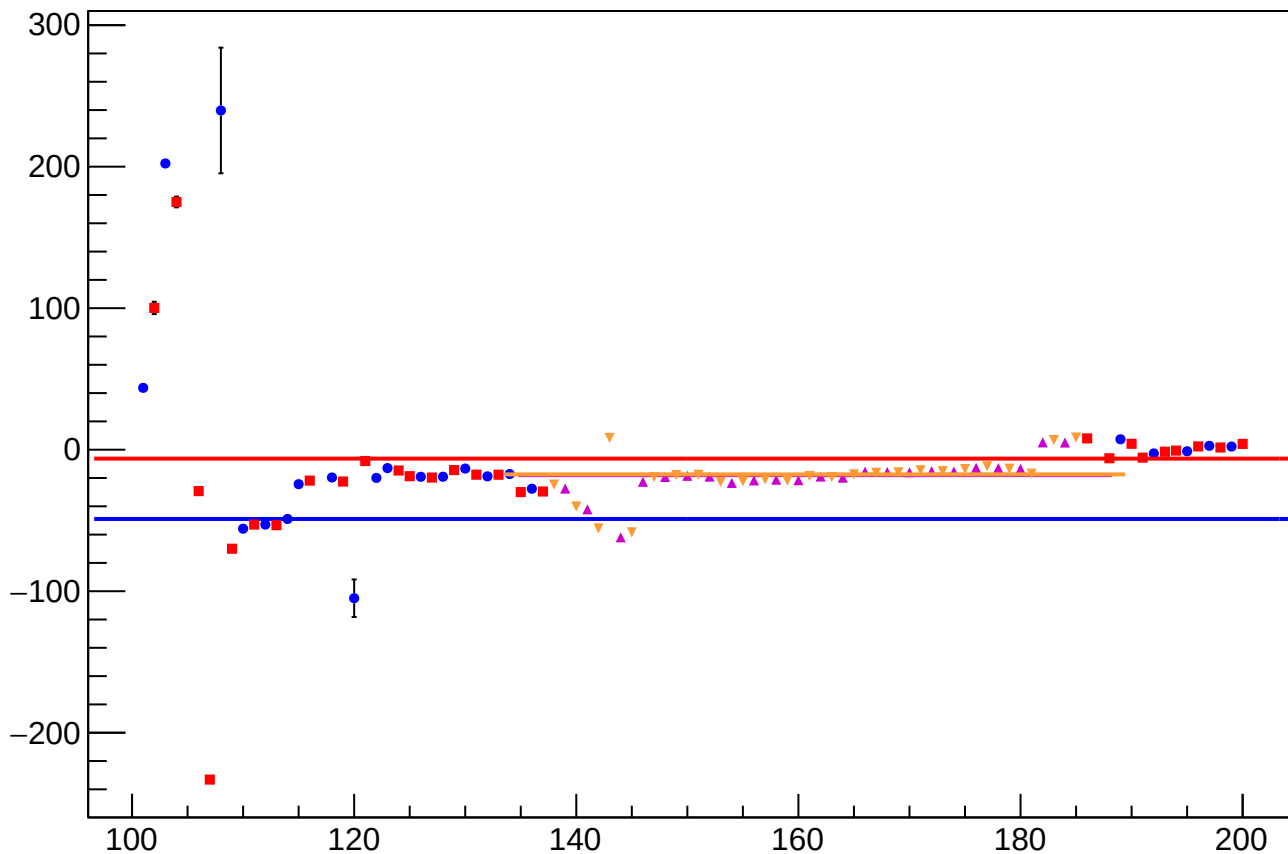
Left In: 160.049 $\pm$ 0.230 χ^2 /NDF:83579.0/22

+ sign 339.325 $\pm$ 0.000 χ^2 /NDF: 2922101.2/46

All: 339.325 $\pm$ 0.000 χ^2 /NDF: 6044461.4/96

- sign 94.913 $\pm$ 0.151 χ^2 /NDF: 502173.8/49

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 6956203.2/21

Left Out: -17.446 ± 0.010 χ^2/NDF : 714044.4/24

Right Out: -6.299 ± 0.027 χ^2/NDF : 400586.7/26

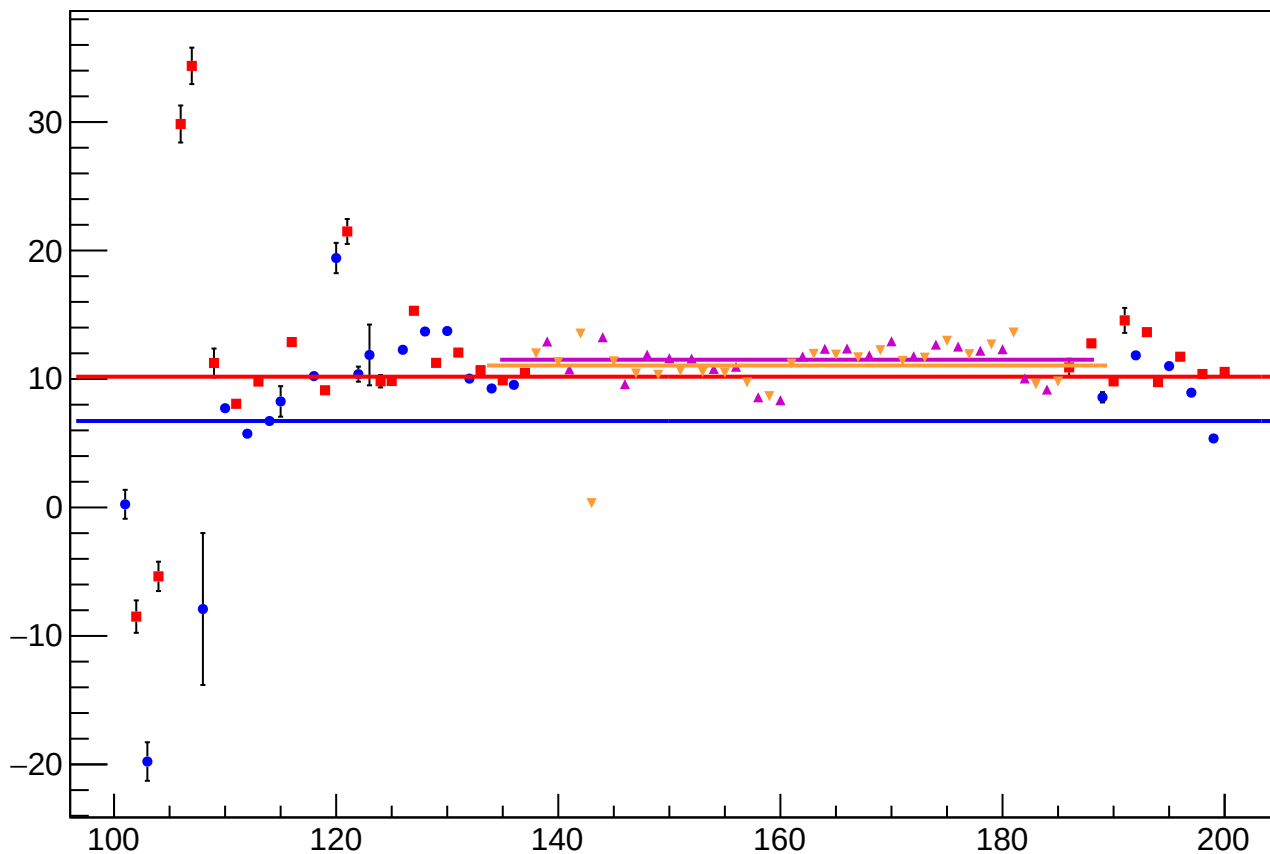
Left In: -17.951 ± 0.012 χ^2/NDF : 252123.1/22

+ sign -48.945 ± 0.000 χ^2/NDF : 17573686.6/46

All: -48.945 ± 0.000 χ^2/NDF : 27182142.0/96

- sign -15.909 ± 0.011 χ^2/NDF : 810892.1/49

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 15017.1/21

Left Out: 11.049 $\pm$ 0.012 χ^2 /NDF:31618.4/24

Right Out: 10.178 $\pm$ 0.033 χ^2 /NDF: 6114.7/26

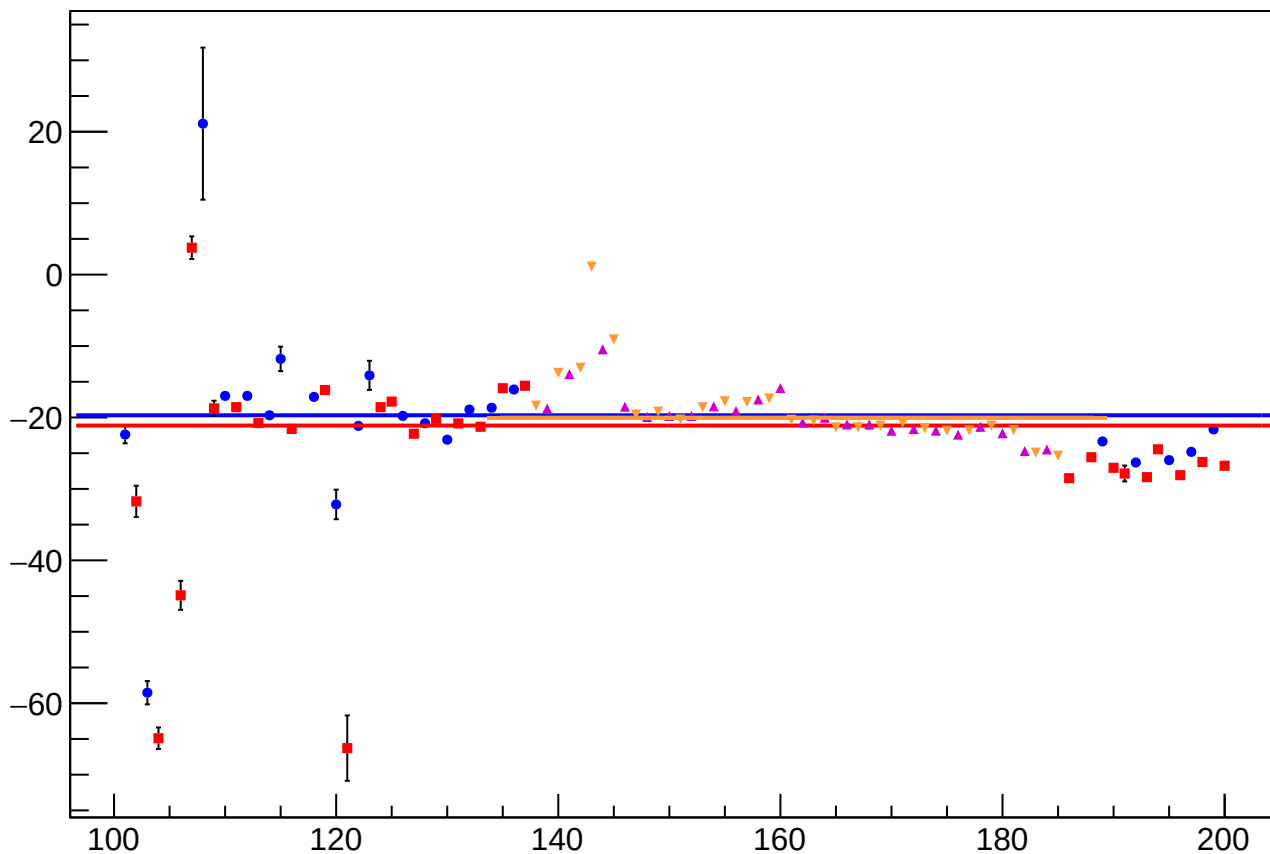
Left In: 11.498 $\pm$ 0.010 χ^2 /NDF:15848.8/22

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 171090.2/46

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 413146.6/96

- sign 11.379 $\pm$ 0.010 χ^2 /NDF: 23412.5/49

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 10112.3/21

Left Out: -20.065 ± 0.014 χ^2/NDF : 71466.1/24

Right Out: -21.131 ± 0.043 χ^2/NDF : 7892.7/26

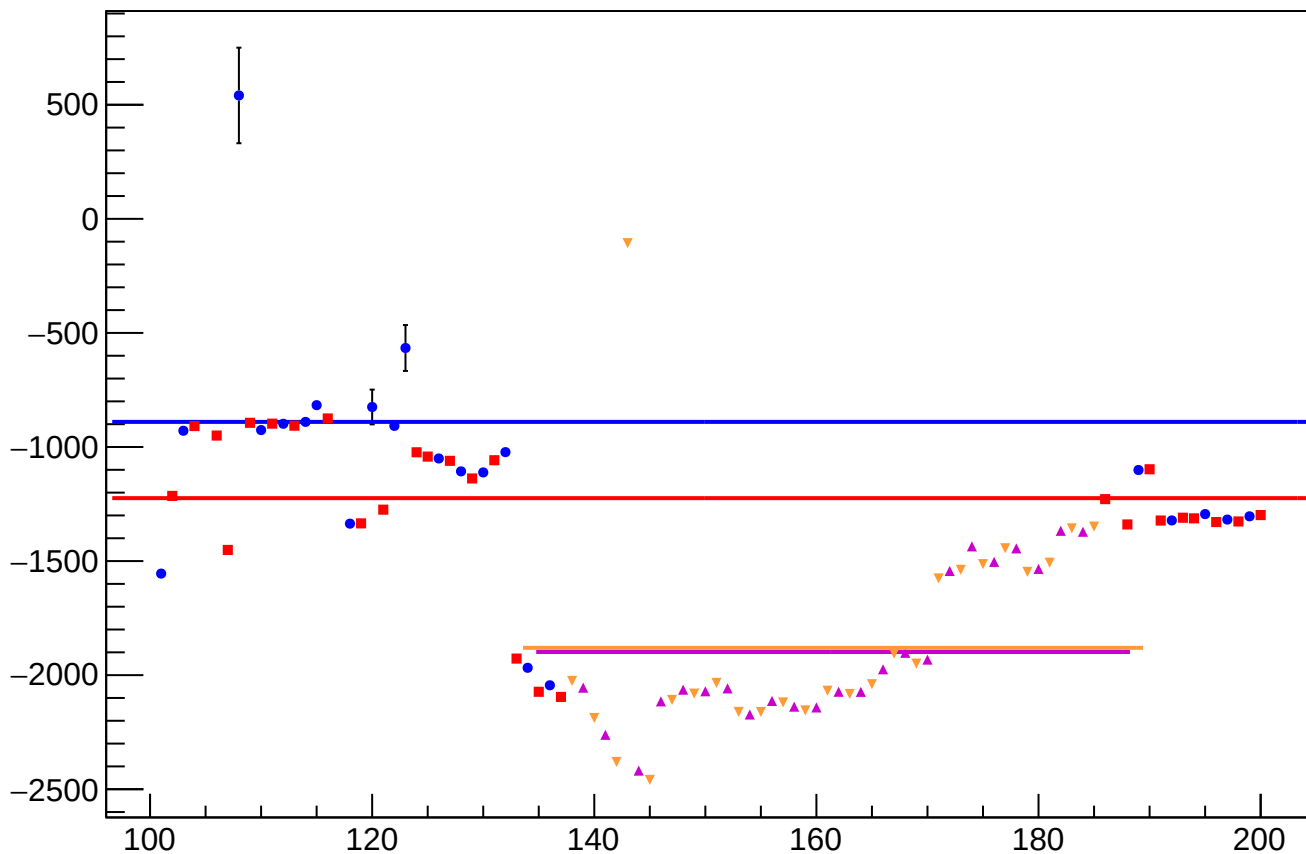
Left In: -19.955 ± 0.015 χ^2/NDF : 22657.6/22

+ sign -19.693 ± 0.000 χ^2/NDF : 82300.2/46

All: -19.693 ± 0.000 χ^2/NDF : 114270.7/96

- sign -20.085 ± 0.014 χ^2/NDF : 31216.2/49

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2 /NDF: 1650219.2/21

Left Out: -1880.162+/-0.353 χ^2 /NDF: 873293.0/24

Right Out: -1224.165+/-0.202 χ^2 /NDF: 984026.2/26

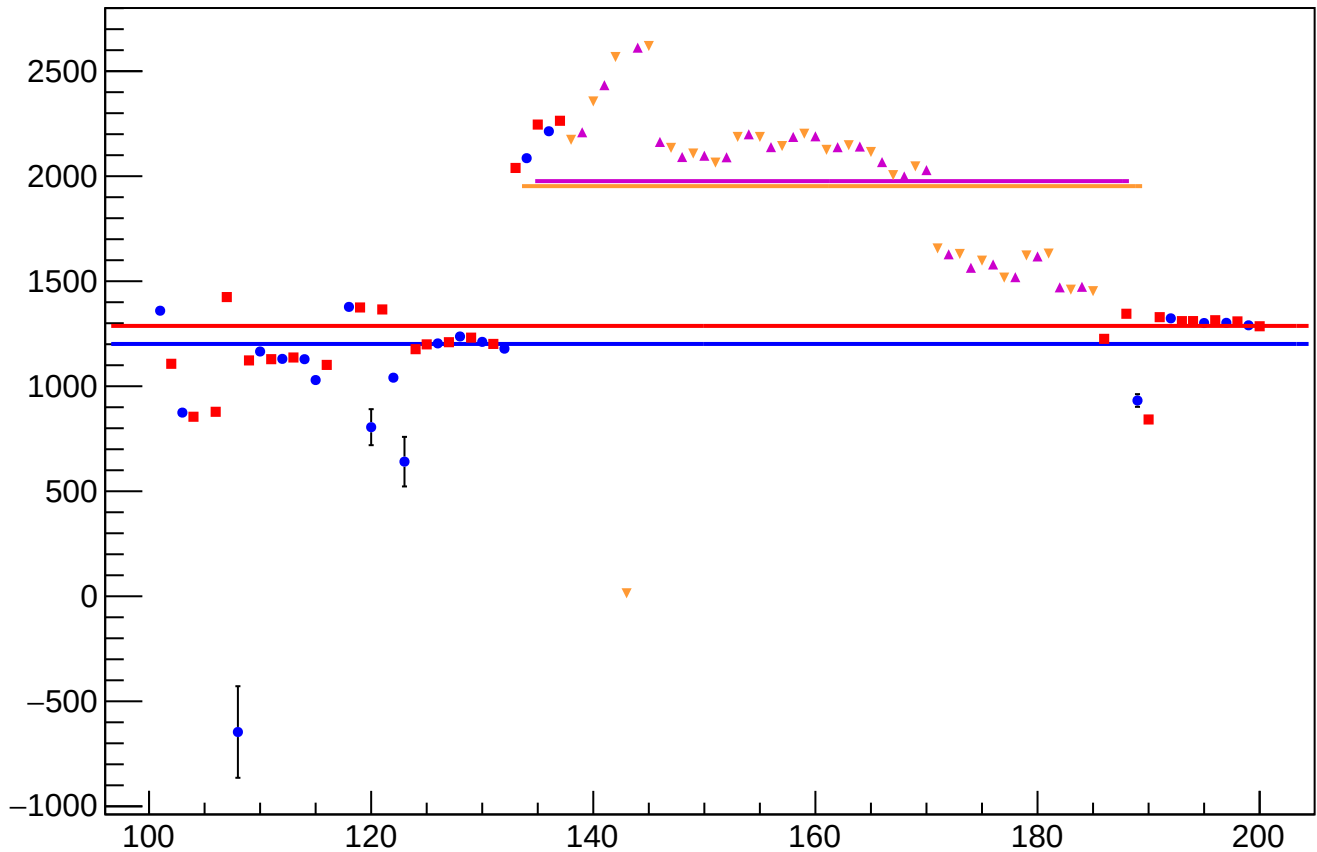
Left In: -1898.497+/-0.364 χ^2 /NDF: 698003.8/22

+ sign -889.928+/-0.000 χ^2 /NDF: 10395233.8/46

All: -889.928+/-0.000 χ^2 /NDF: 22500847.0/9

- sign -1383.256+/-0.177 χ^2 /NDF: 4308251.8/49

dit_atl2_4eX_slope vs Slug



Right In: 1201.337 ± 0.214 $\chi^2/\text{NDF}: 573546.5/21$

Left Out: 1952.706 ± 0.354 $\chi^2/\text{NDF}: 820225.3/24$

Right Out: 1287.247 ± 0.201 $\chi^2/\text{NDF}: 533993.3/26$

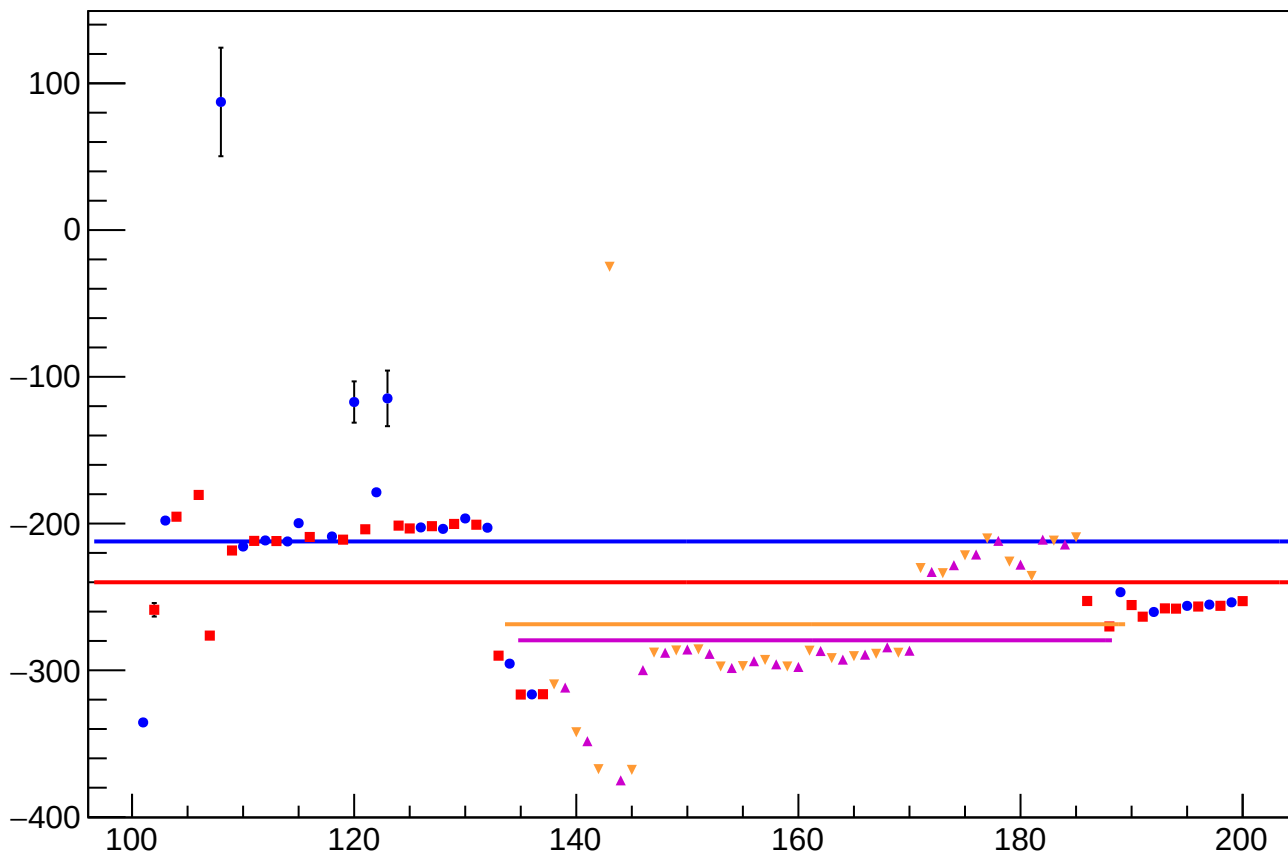
Left In: 1976.603 ± 0.367 $\chi^2/\text{NDF}: 625684.0/22$

+ sign 1402.989 ± 0.183 $\chi^2/\text{NDF}: 4689792.4/46$

All: 1425.516 ± 0.127 $\chi^2/\text{NDF}: 8588718.2/96$

- sign 1446.367 ± 0.176 $\chi^2/\text{NDF}: 3869871.3/49$

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1707615.1/21$

Left Out: -268.611 ± 0.022 $\chi^2/\text{NDF}: 7041710.3/24$

Right Out: -240.009 ± 0.026 $\chi^2/\text{NDF}: 966143.3/26$

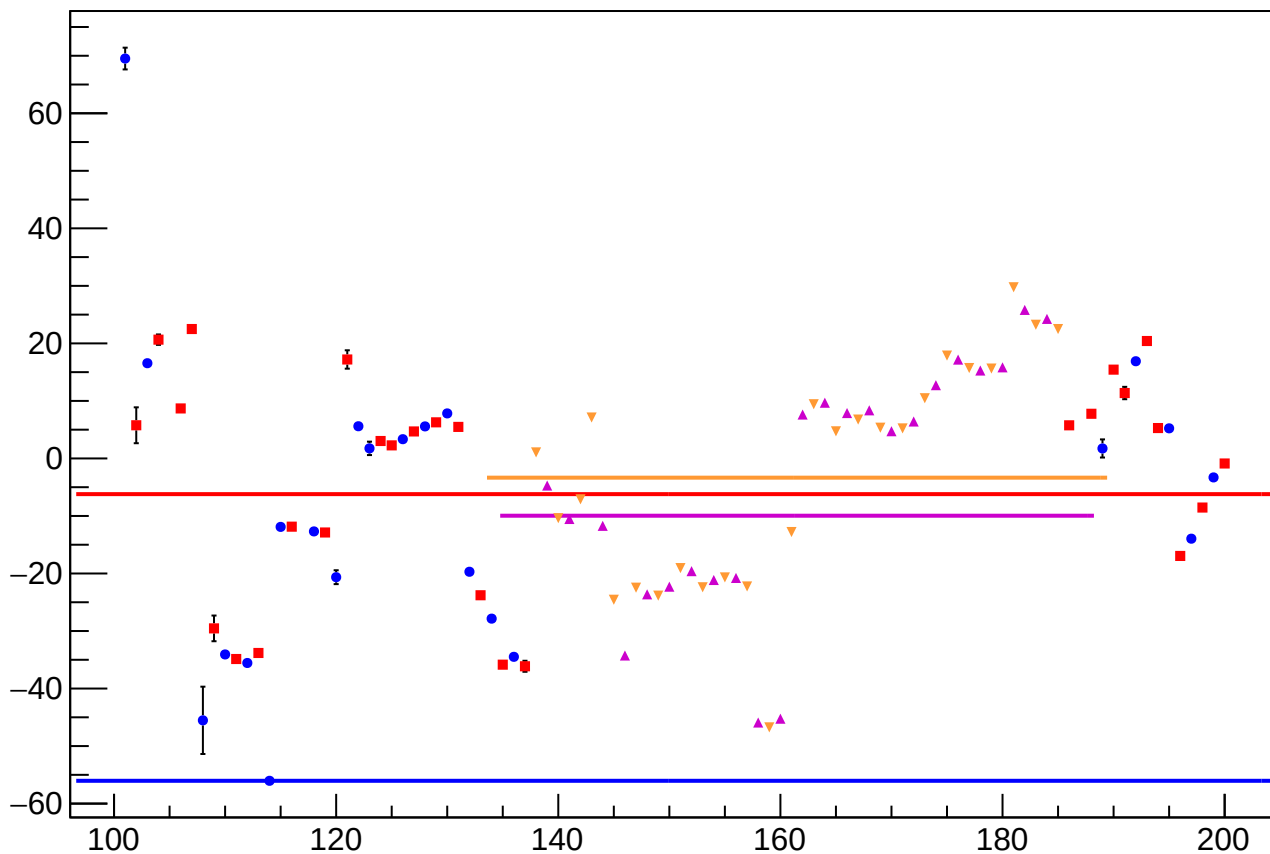
Left In: -279.563 ± 0.022 $\chi^2/\text{NDF}: 2298119.7/22$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 15305642.2/46$

All: -212.190 ± 0.000 $\chi^2/\text{NDF}: 29419140.1/9$

- sign -263.084 ± 0.017 $\chi^2/\text{NDF}: 4653059.3/49$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1733416.6/21$

Left Out: -3.341 ± 0.018 $\chi^2/\text{NDF}: 1399746.6/24$

Right Out: -6.204 ± 0.039 $\chi^2/\text{NDF}: 188961.8/26$

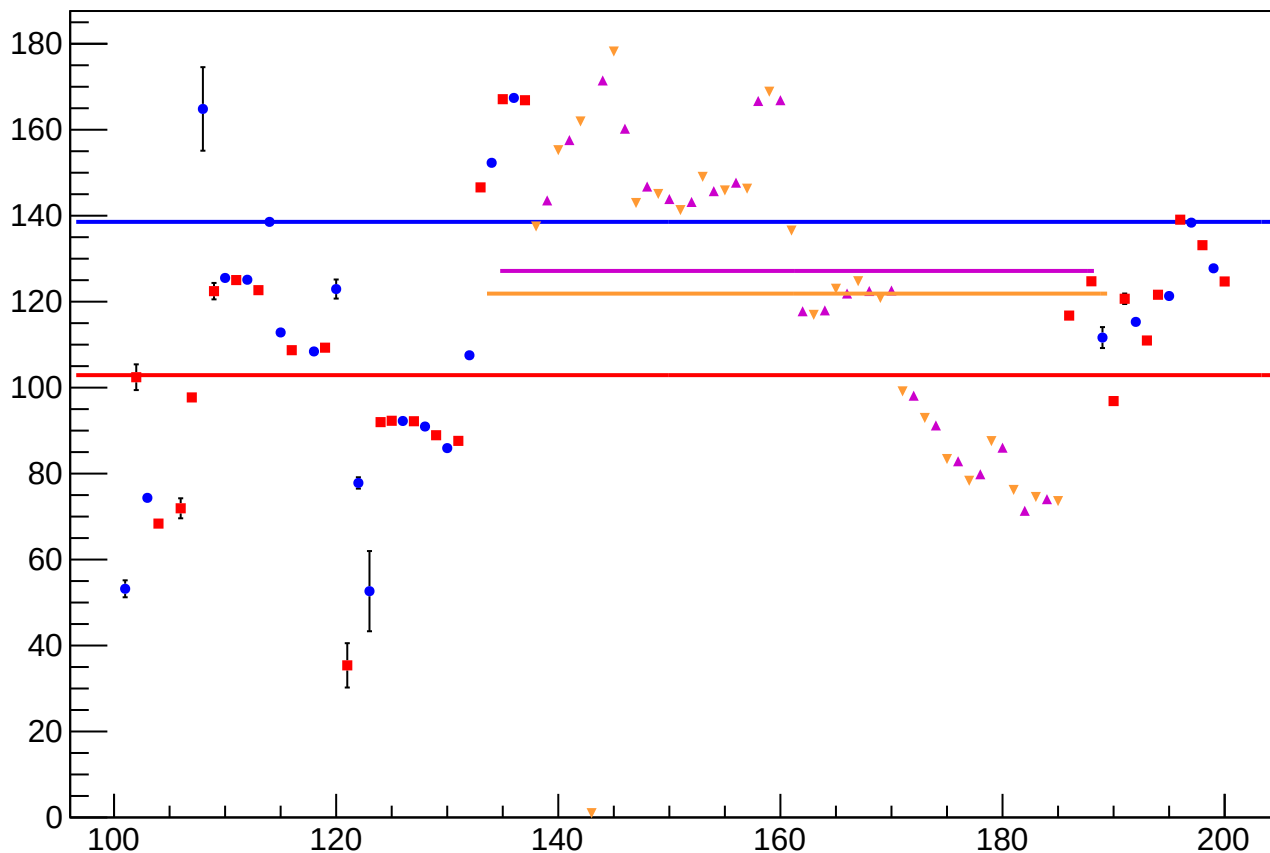
Left In: -9.956 ± 0.018 $\chi^2/\text{NDF}: 1689839.0/22$

+ sign -56.037 ± 0.000 $\chi^2/\text{NDF}: 12120982.5/46$

All: -56.037 ± 0.000 $\chi^2/\text{NDF}: 21847799.8/96$

- sign -9.271 ± 0.017 $\chi^2/\text{NDF}: 1886323.9/49$

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 913047.1/21

Left Out: 121.875 $\pm$ 0.024 χ^2 /NDF: 1617383.6/24

Right Out: 102.905 $\pm$ 0.032 χ^2 /NDF: 358115.4/26

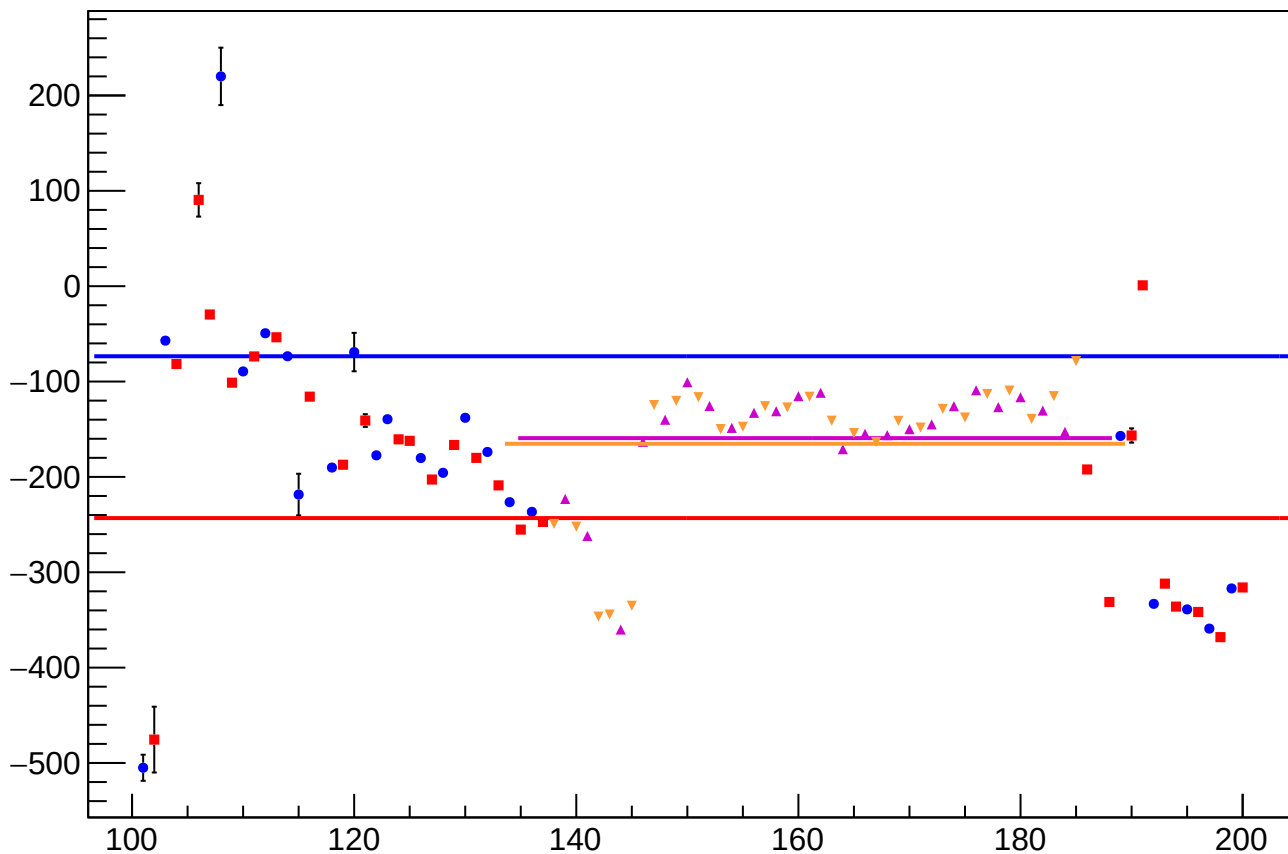
Left In: 127.150 $\pm$ 0.026 χ^2 /NDF: 1340248.6/22

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 3002168.4/46

All: 138.565 $\pm$ 0.000 χ^2 /NDF: 6158747.9/96

- sign 117.310 $\pm$ 0.020 χ^2 /NDF: 2046601.4/49

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 χ^2/NDF : 312587.1/21

Left Out: -165.282 ± 0.232 χ^2/NDF : 84301.0/24

Right Out: -243.198 ± 0.230 χ^2/NDF : 213438.8/26

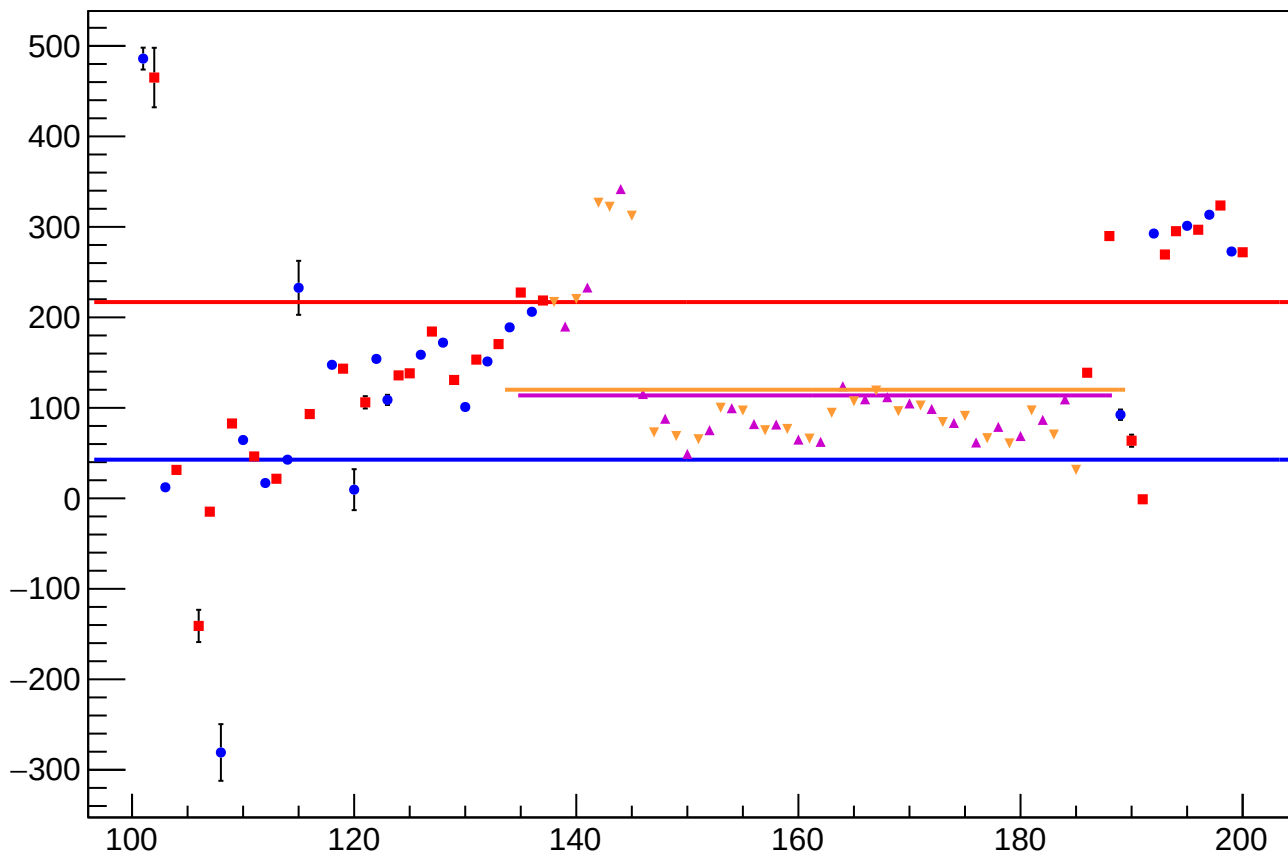
Left In: -159.346 ± 0.239 χ^2/NDF : 73885.5/22

+ sign -73.485 ± 0.000 χ^2/NDF : 553803.3/46

All: -73.485 ± 0.000 χ^2/NDF : 1513782.1/96

- sign -202.878 ± 0.166 χ^2/NDF : 351151.6/49

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 283829.8/21

Left Out: 120.053+/-0.237 χ^2/NDF : 97926.9/24

Right Out: 216.888+/-0.235 χ^2/NDF : 170919.0/26

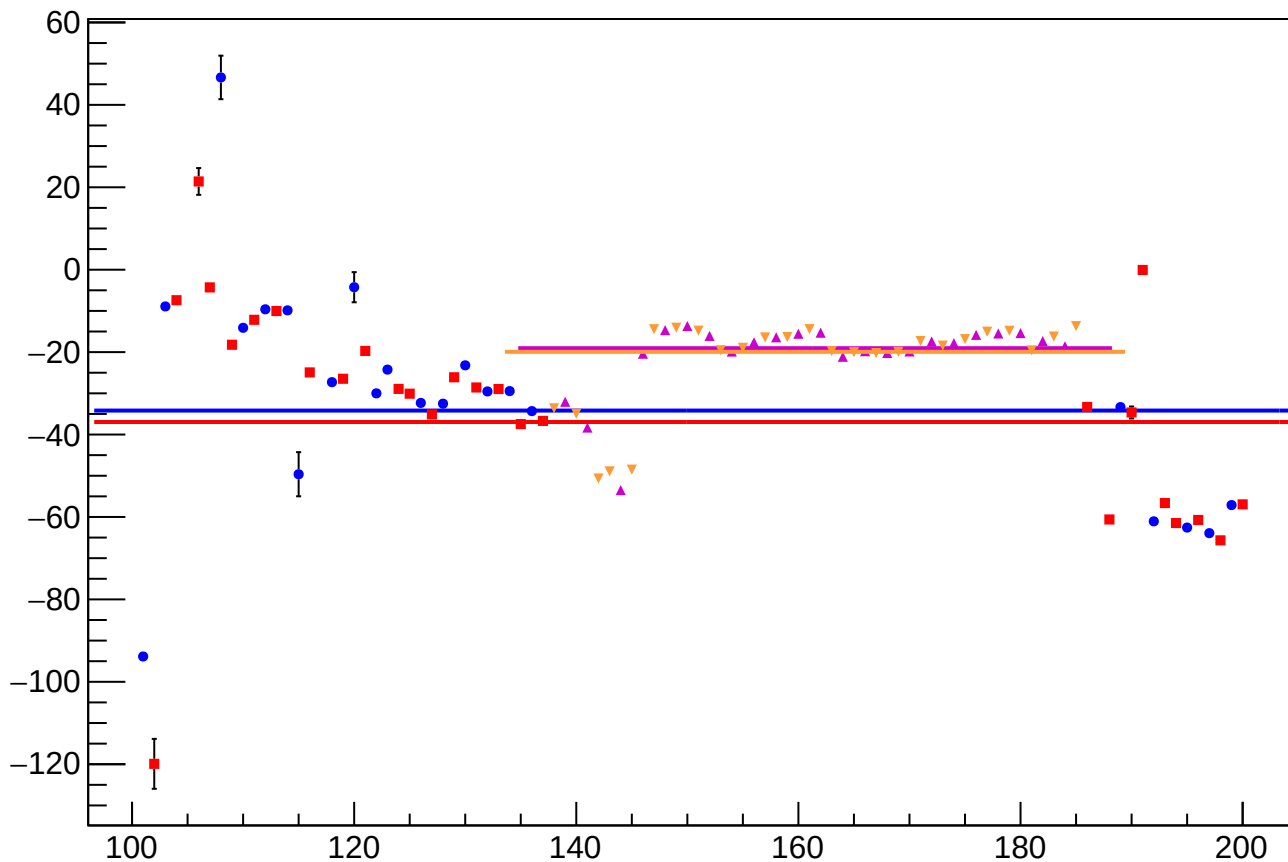
Left In: 113.733+/-0.246 χ^2/NDF : 81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF : 488187.8/46

All: 42.743+/-0.000 χ^2/NDF : 1370977.8/96

- sign 167.630+/-0.170 χ^2/NDF : 344441.8/49

dit_atr1_11X12X_slope vs Slug



Right In: -34.180 ± 0.031 χ^2/NDF : 183833.2/21

Left Out: -19.926 ± 0.012 χ^2/NDF : 374900.2/24

Right Out: -36.954 ± 0.027 χ^2/NDF : 651878.7/26

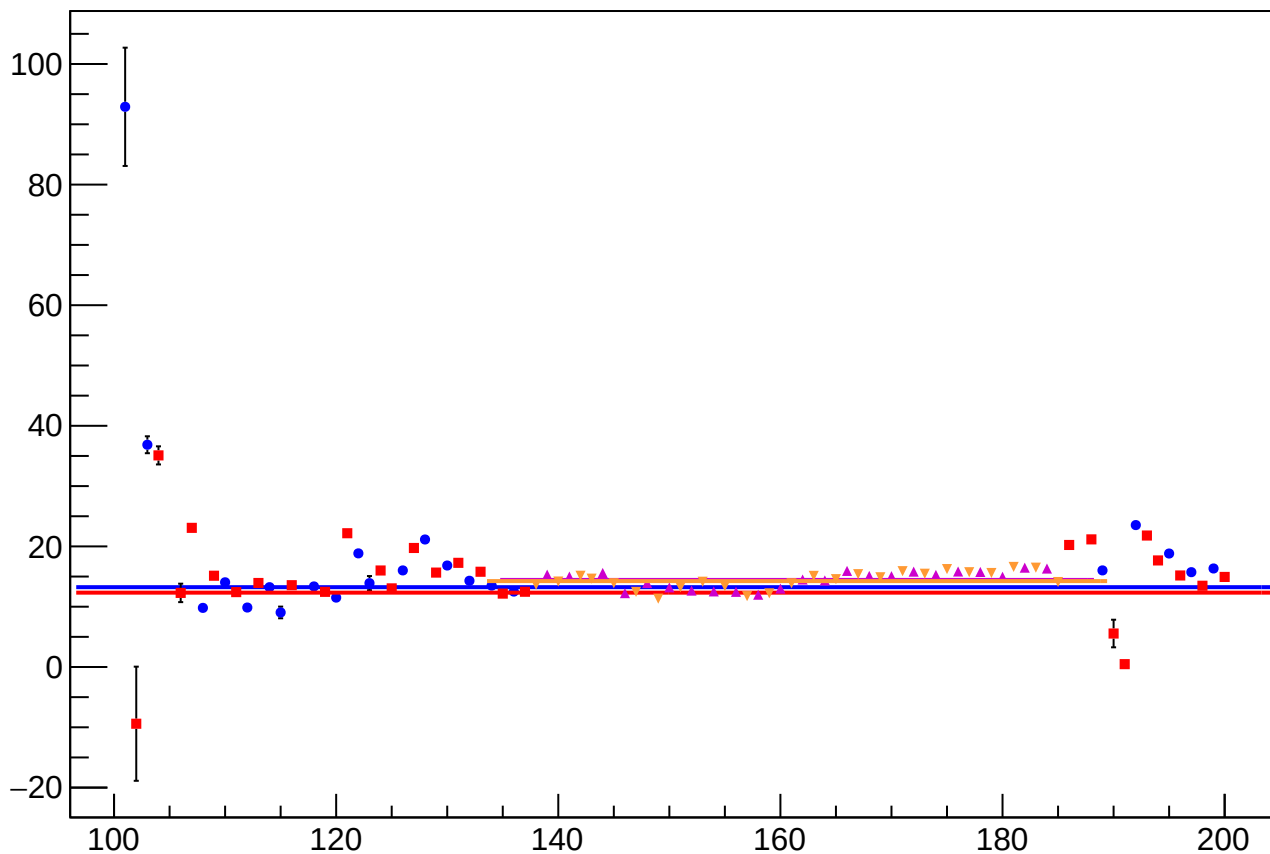
Left In: -19.047 ± 0.014 χ^2/NDF : 214747.8/22

+ sign -21.816 ± 0.011 χ^2/NDF : 737962.7/46

All: -22.311 ± 0.008 χ^2/NDF : 1962639.2/96

- sign -22.892 ± 0.012 χ^2/NDF : 1220585.4/49

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 8003.7/21

Left Out: 14.245 $\pm$ 0.012 χ^2 /NDF:12367.6/24

Right Out: 12.331 $\pm$ 0.039 χ^2 /NDF: 24710.7/26

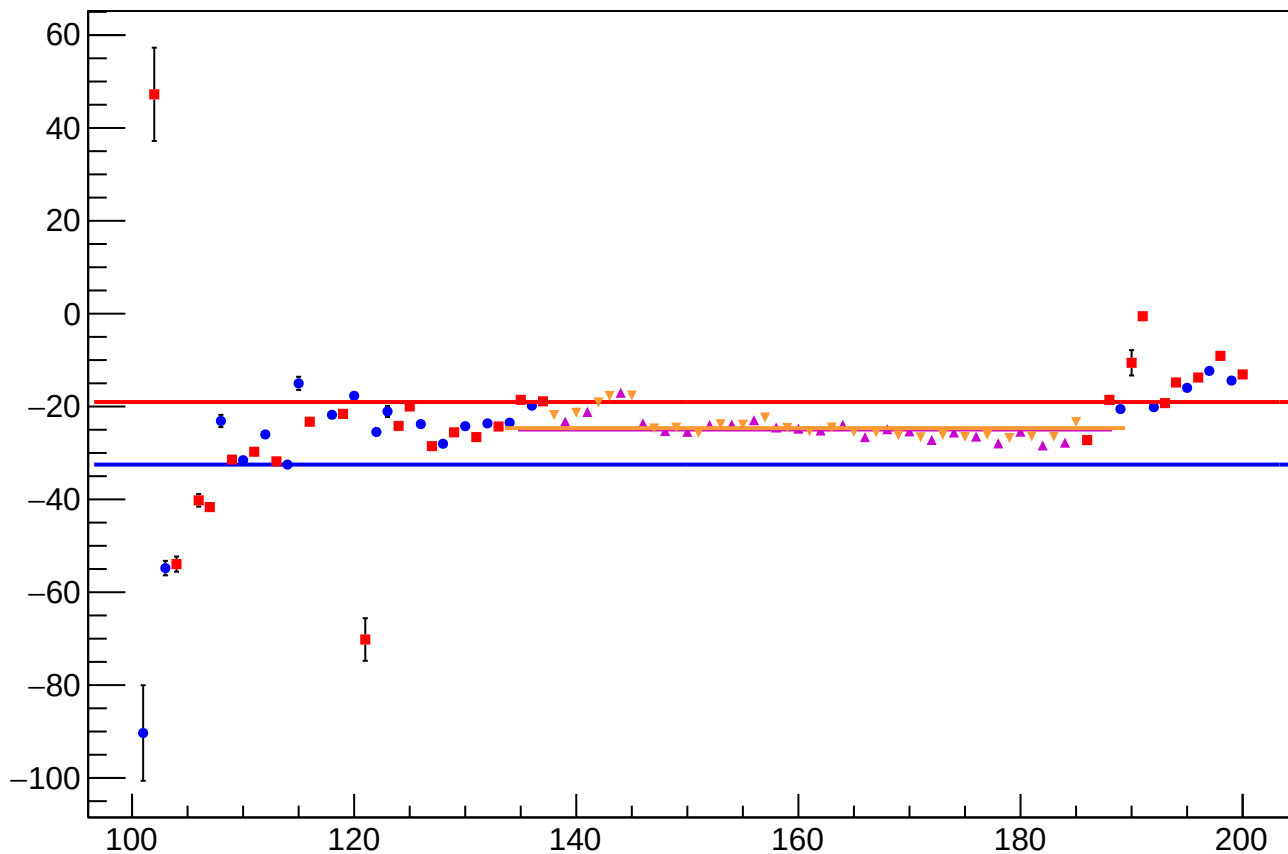
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF:12955.9/22

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 27440.9/46

All: 13.238 $\pm$ 0.000 χ^2 /NDF: 76324.5/96

- sign 14.265 $\pm$ 0.011 χ^2 /NDF: 40400.5/49

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 88105.8/21

Left Out: -24.652 ± 0.015 χ^2/NDF : 23058.0/24

Right Out: -19.033 ± 0.039 χ^2/NDF : 65741.3/26

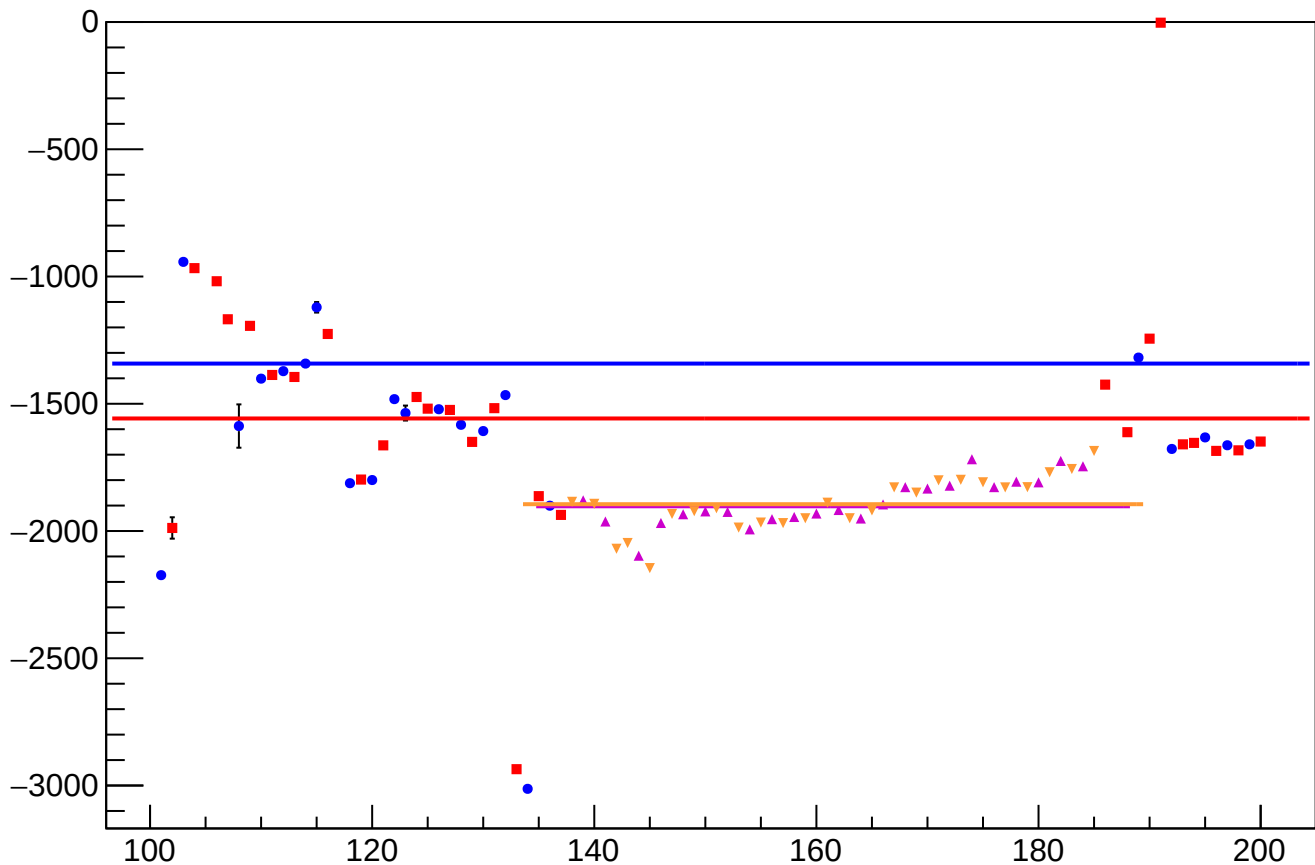
Left In: -24.948 ± 0.015 χ^2/NDF : 14049.6/22

+ sign -32.504 ± 0.000 χ^2/NDF : 386493.8/46

All: -32.504 ± 0.000 χ^2/NDF : 833521.4/96

- sign -24.170 ± 0.014 χ^2/NDF : 99773.8/49

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 817570.3/21

Left Out: -1894.646 ± 0.318 χ^2/NDF : 67387.8/24

Right Out: -1557.793 ± 0.239 χ^2/NDF : 1987465.7/26

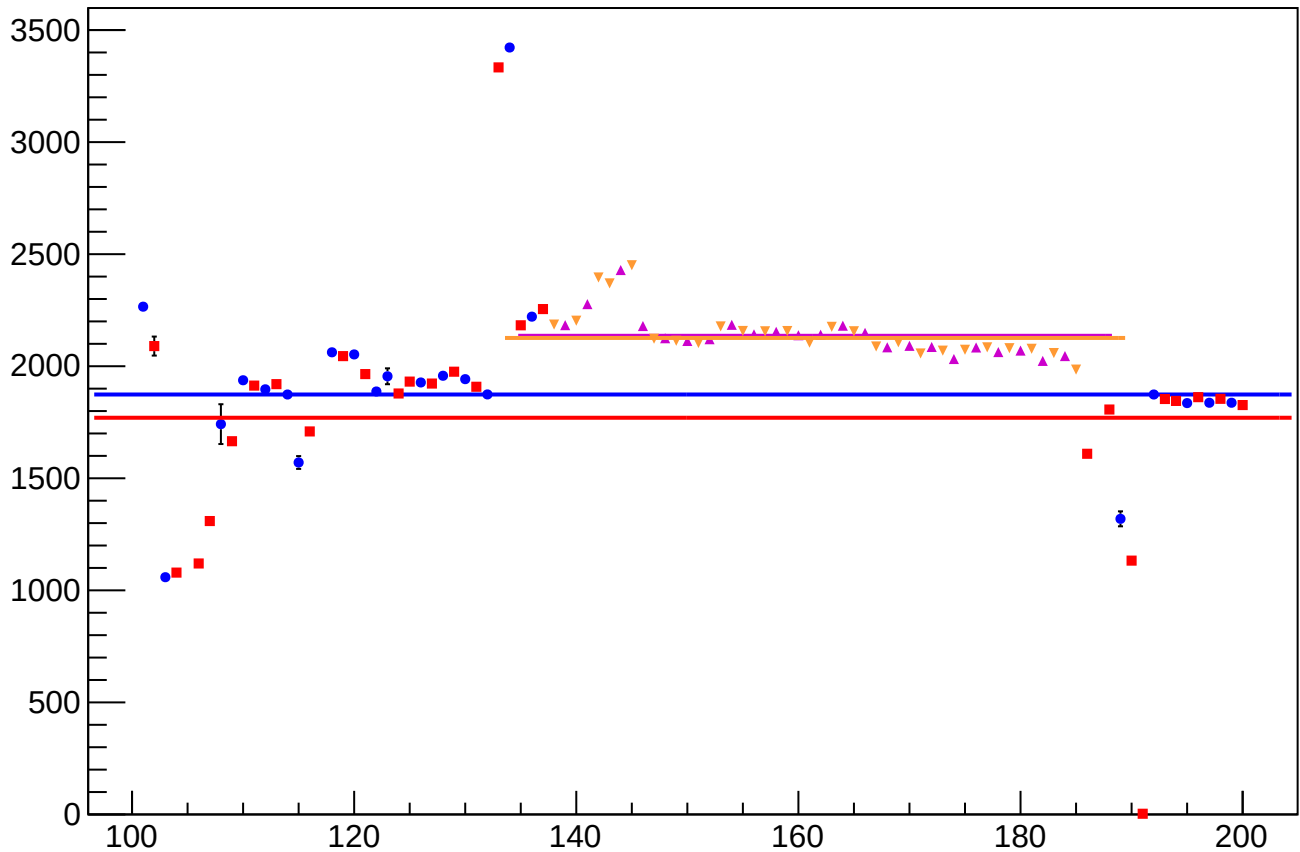
Left In: -1902.803 ± 0.289 χ^2/NDF : 69208.9/22

+ sign -1342.107 ± 0.000 χ^2/NDF : 3908254.5/46

All: -1342.107 ± 0.000 χ^2/NDF : 10552252.5/49

- sign -1697.762 ± 0.184 χ^2/NDF : 2905012.0/49

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 205919.1/21

Left Out: 2126.160+/-0.317 χ^2/NDF : 48244.0/24

Right Out: 1770.120+/-0.237 χ^2/NDF : 3348772.7/26

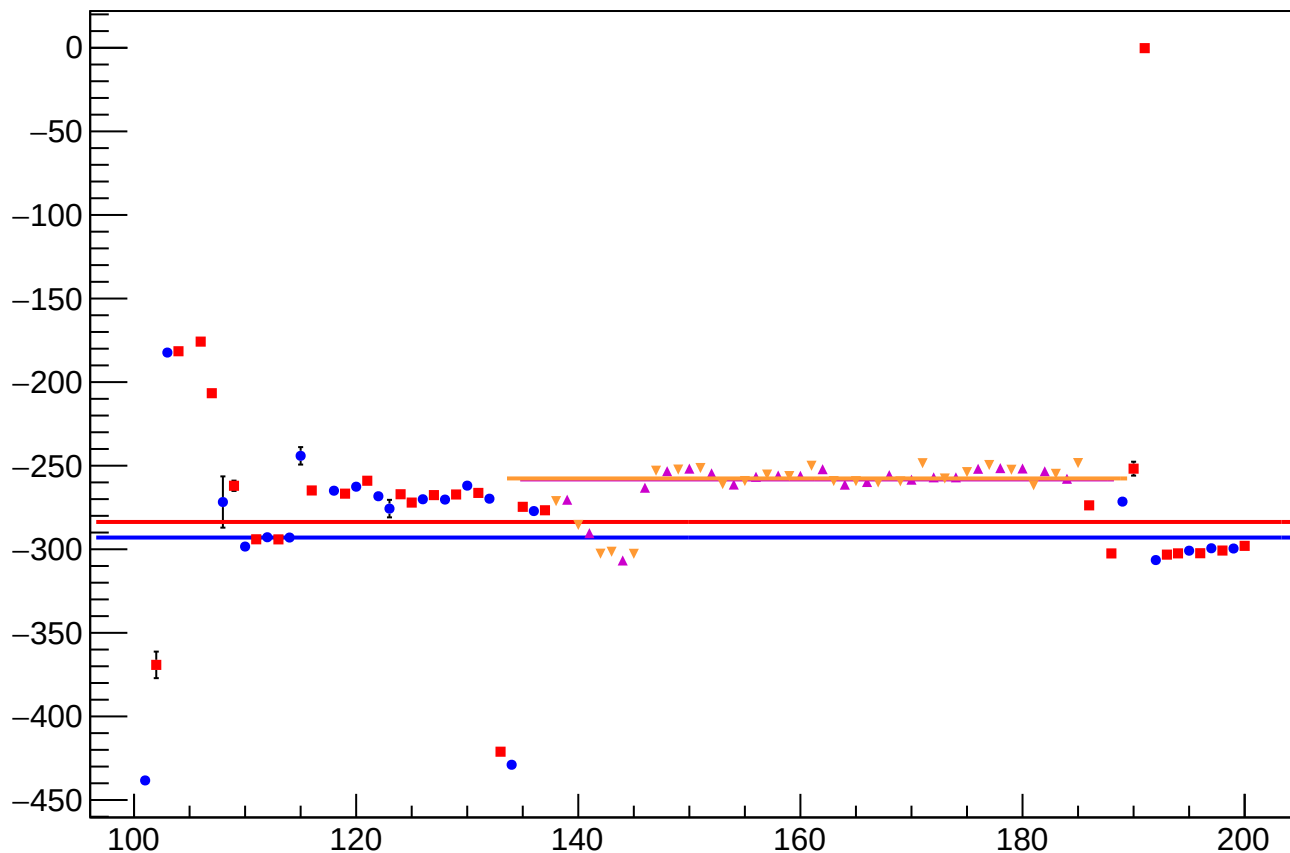
Left In: 2135.770+/-0.290 χ^2/NDF : 58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF : 886530.7/46

All: 1873.852+/-0.000 χ^2/NDF : 5304122.5/96

- sign 1916.481+/-0.183 χ^2/NDF : 4363427.0/49

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1058945.0/21$

Left Out: -257.631 ± 0.020 $\chi^2/\text{NDF}: 226942.0/24$

Right Out: -283.662 ± 0.032 $\chi^2/\text{NDF}: 1987417.9/26$

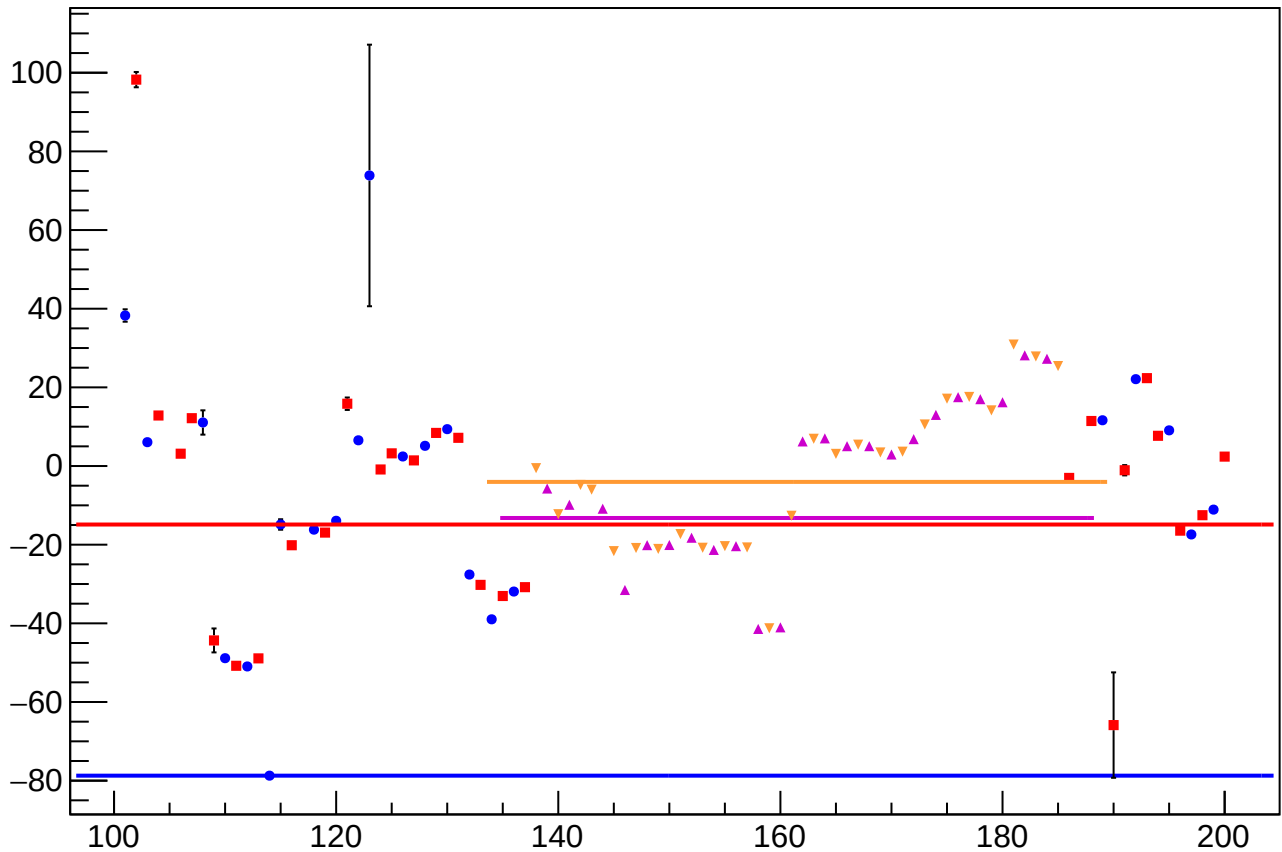
Left In: -258.240 ± 0.017 $\chi^2/\text{NDF}: 268186.3/22$

+ sign -292.986 ± 0.000 $\chi^2/\text{NDF}: 4455872.8/46$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 10743985.2/9$

- sign -264.139 ± 0.015 $\chi^2/\text{NDF}: 2745798.9/49$

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1650174.7/21$

Left Out: -4.036 ± 0.017 $\chi^2/\text{NDF}: 1369619.3/24$

Right Out: -14.875 ± 0.063 $\chi^2/\text{NDF}: 101806.2/26$

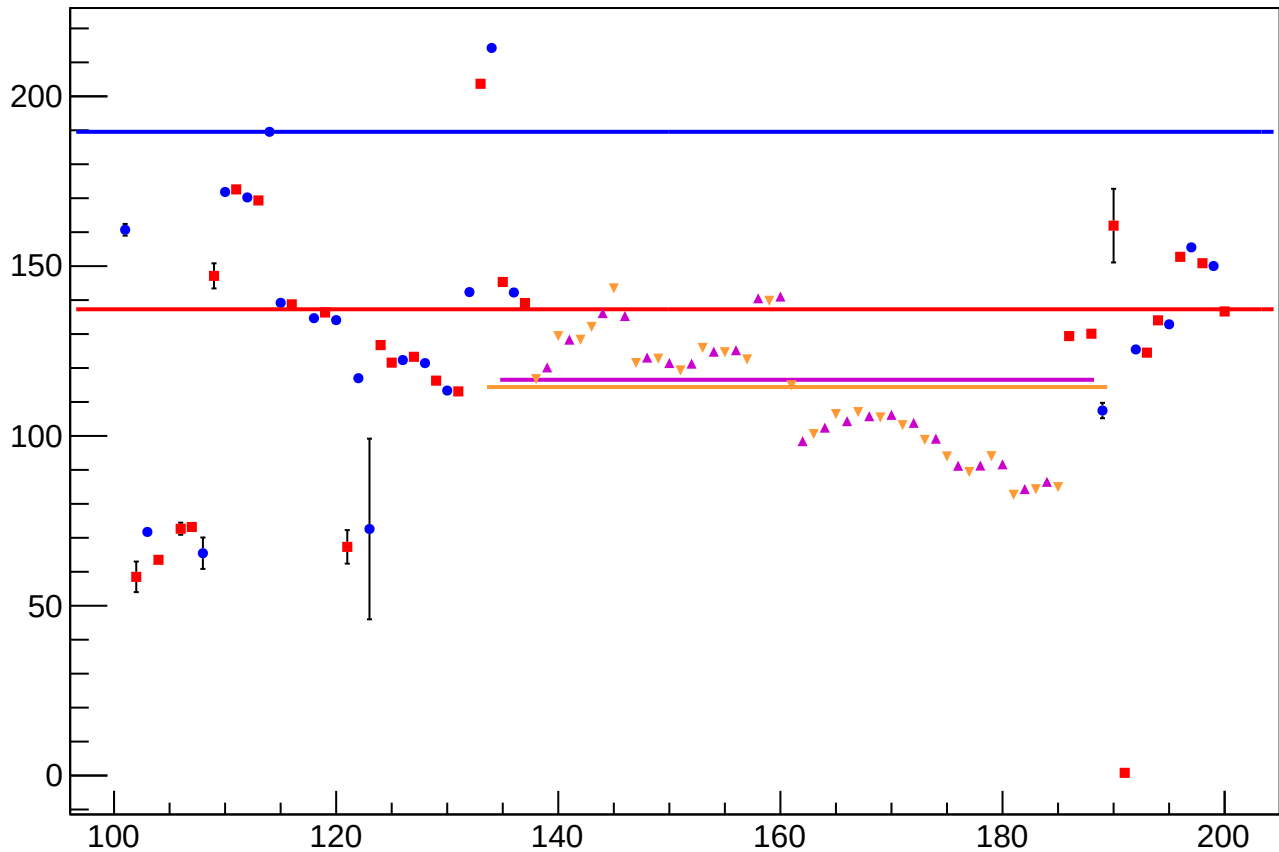
Left In: -13.213 ± 0.017 $\chi^2/\text{NDF}: 1356033.4/22$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 22160487.6/46$

All: -78.728 ± 0.000 $\chi^2/\text{NDF}: 39638036.5/96$

- sign -13.324 ± 0.016 $\chi^2/\text{NDF}: 1458486.4/49$

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 1037877.0/21

Left Out: 114.395 $\pm$ 0.023 χ^2 /NDF:434871.2/24

Right Out: 137.294 $\pm$ 0.054 χ^2 /NDF: 130658.4/26

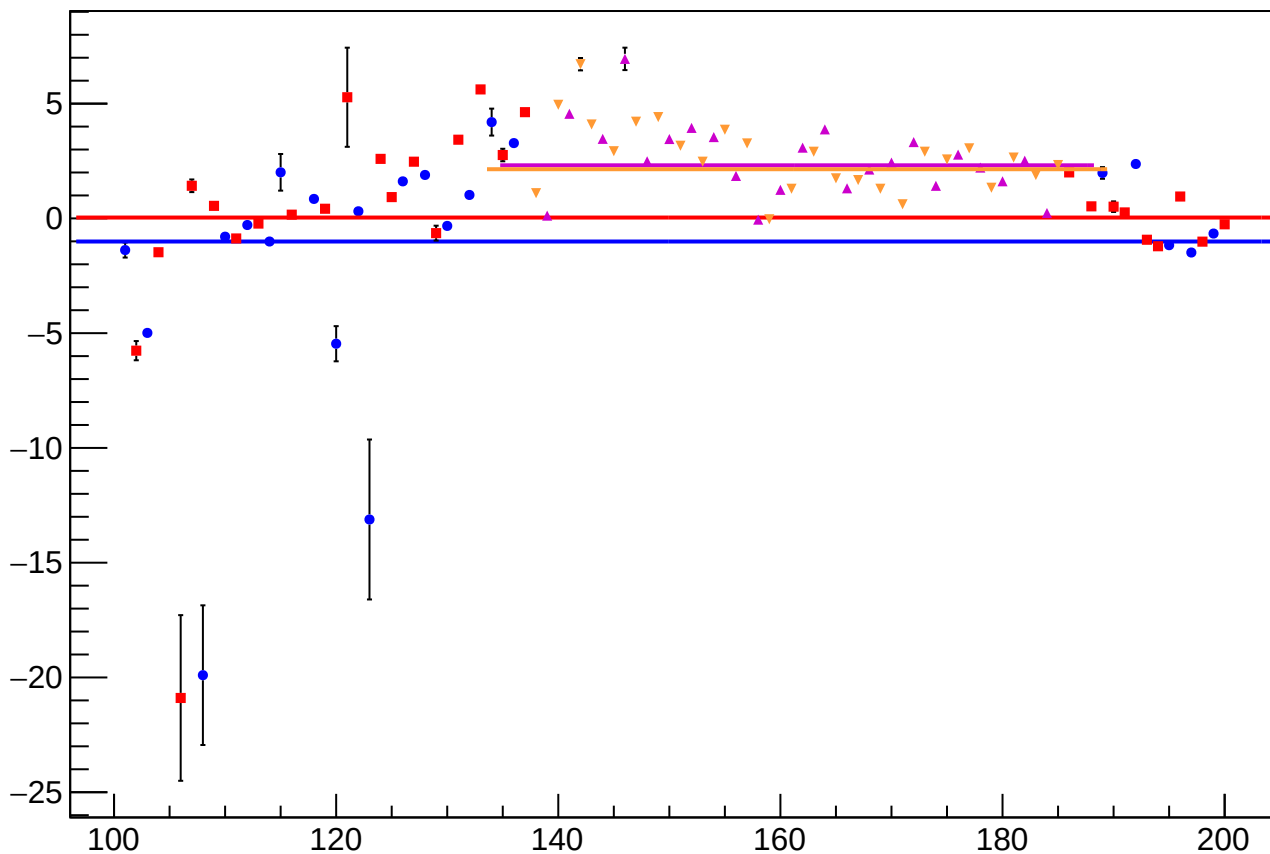
Left In: 116.538 $\pm$ 0.024 χ^2 /NDF:458128.6/22

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 12559004.1/46

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 23634239.9/96

- sign 119.834 $\pm$ 0.022 χ^2 /NDF: 711498.4/49

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7968.8/21

Left Out: 2.143 ± 0.015 χ^2/NDF : 6585.0/24

Right Out: 0.037 ± 0.013 χ^2/NDF : 5985.9/26

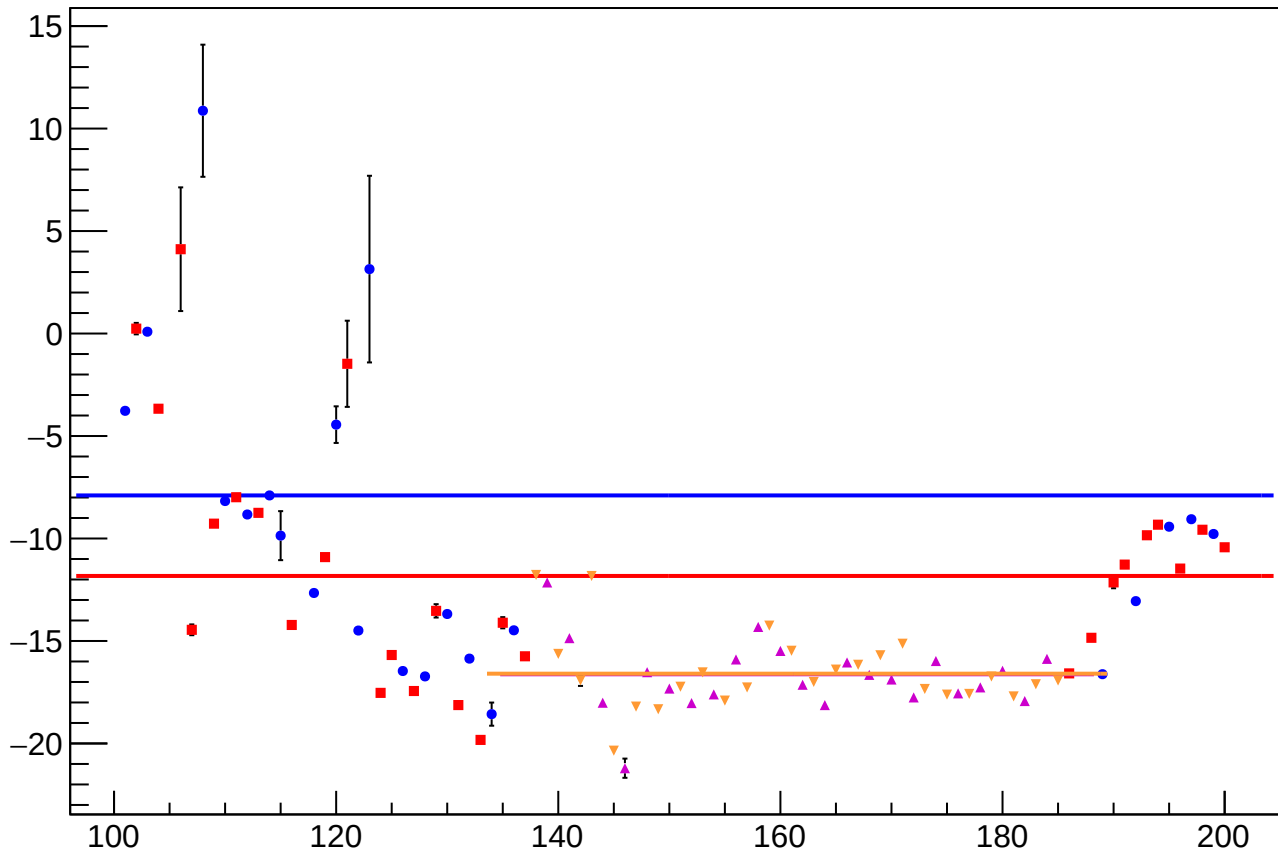
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ sign -1.007 ± 0.000 χ^2/NDF : 60775.2/46

All: -1.007 ± 0.000 χ^2/NDF : 136067.7/96

- sign 1.114 ± 0.010 χ^2/NDF : 27223.9/49

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 47802.9/21

Left Out: -16.595 ± 0.014 χ^2/NDF : 8432.7/24

Right Out: -11.827 ± 0.015 χ^2/NDF : 37607.6/26

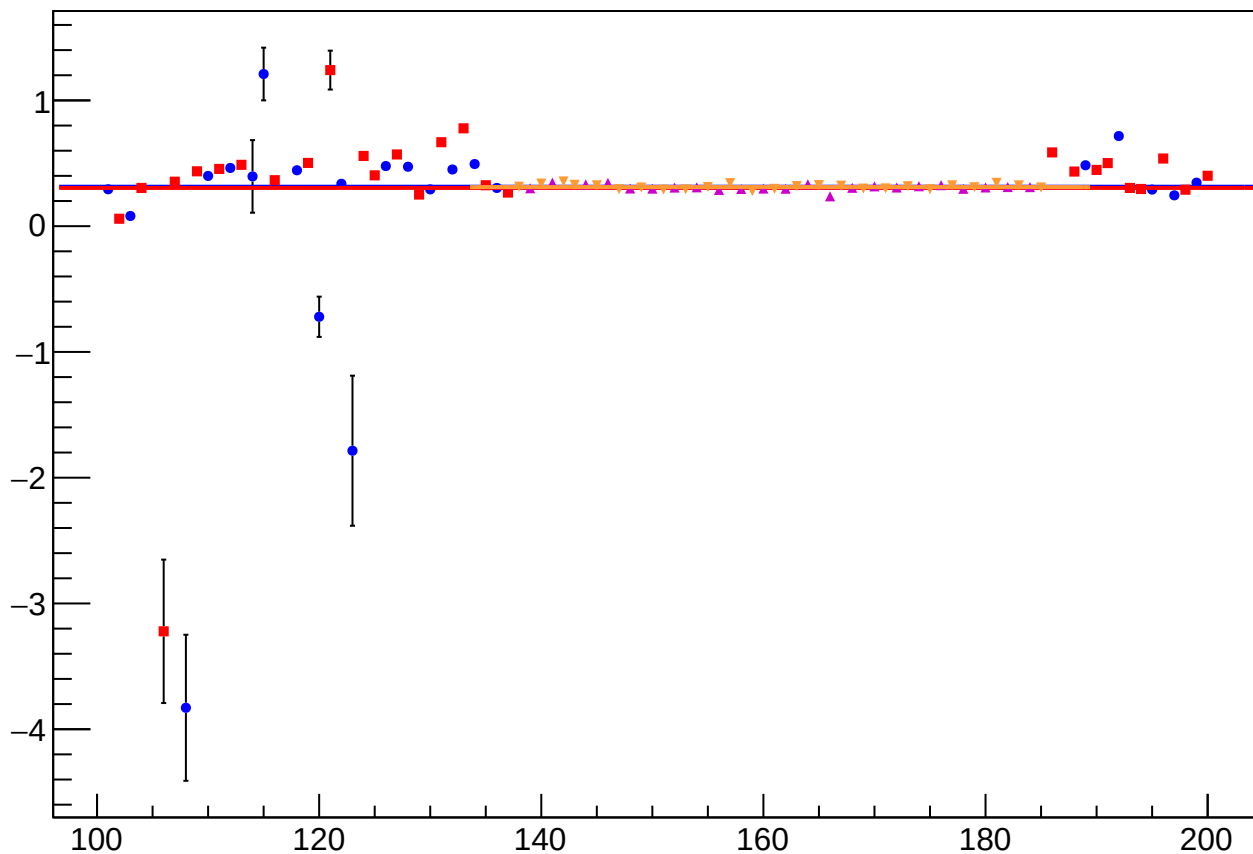
Left In: -16.625 ± 0.015 χ^2/NDF : 6289.5/22

+ sign -7.899 ± 0.000 χ^2/NDF : 422081.0/46

All: -7.899 ± 0.000 χ^2/NDF : 885373.9/96

- sign -14.312 ± 0.011 χ^2/NDF : 95318.2/49

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 $\pm$ 0.001 χ^2 /NDF: 3349.8/21

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF: 4975.7/24

Right Out: 0.304 $\pm$ 0.001 χ^2 /NDF: 7606.1/26

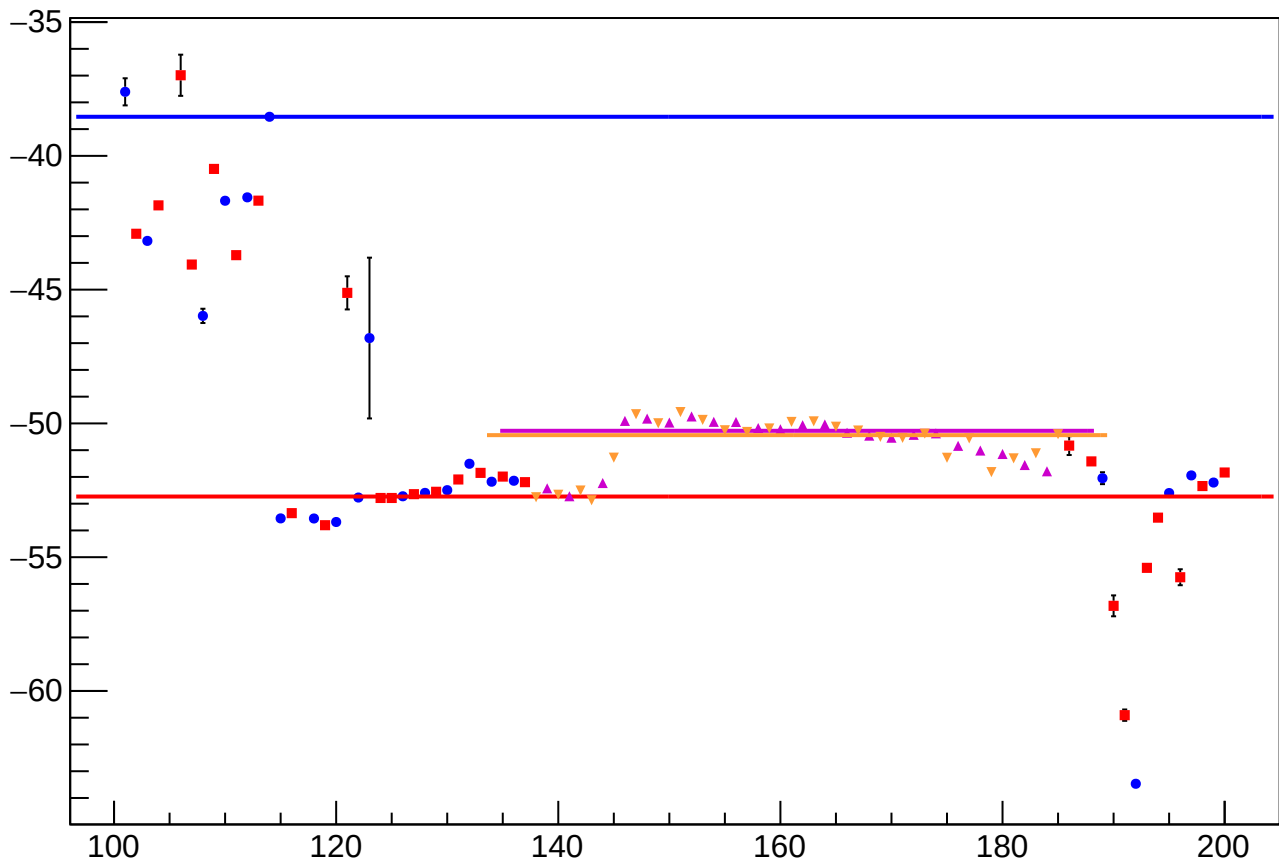
Left In: 0.310 $\pm$ 0.000 χ^2 /NDF: 3074.6/22

+ sign 0.311 $\pm$ 0.000 χ^2 /NDF: 8334.2/46

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 19080.6/96

- sign 0.310 $\pm$ 0.000 χ^2 /NDF: 10726.6/49

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 15203632.8/21

Left Out: -50.438 ± 0.001 χ^2/NDF : 299897.3/24

Right Out: -52.733 ± 0.002 χ^2/NDF : 84995.5/26

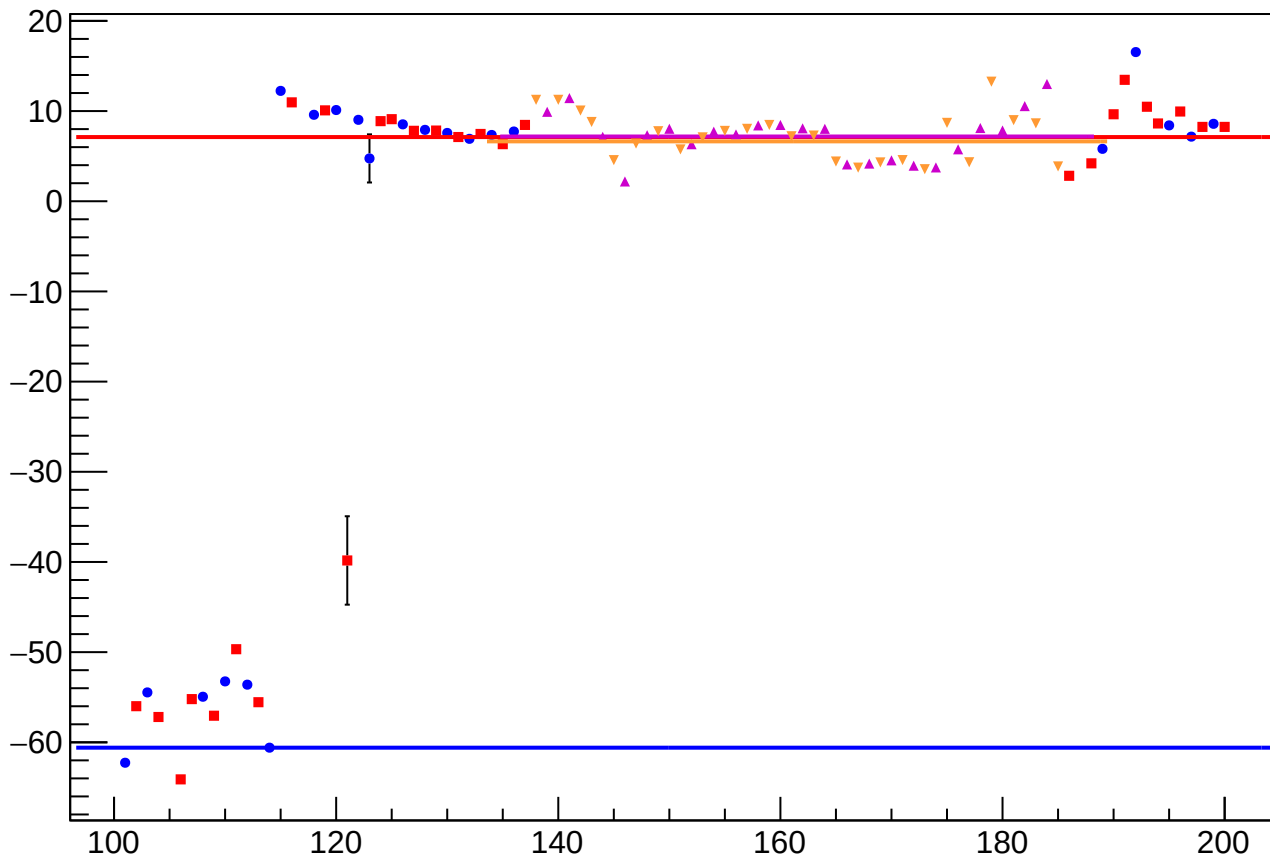
Left In: -50.276 ± 0.001 χ^2/NDF : 190236.3/22

+ sign -38.539 ± 0.000 χ^2/NDF : 91082859.2/46

All: -38.539 ± 0.000 χ^2/NDF : 236864500.5/9

- sign -51.035 ± 0.001 χ^2/NDF : 1466577.6/49

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 32040494.9/21

Left Out: 6.641 ± 0.004 χ^2/NDF : 340462.4/24

Right Out: 7.117 ± 0.010 χ^2/NDF : 1165982.8/26

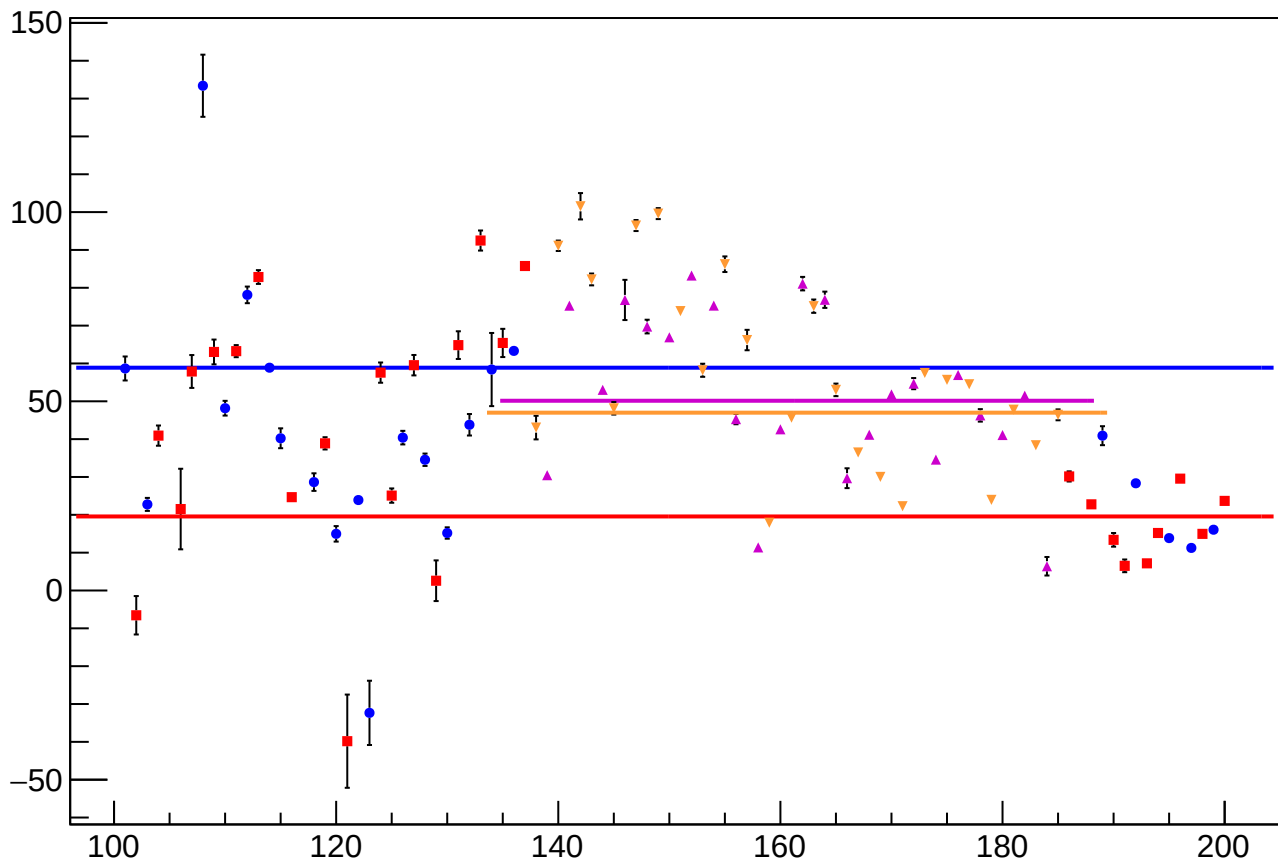
Left In: 7.179 ± 0.003 χ^2/NDF : 214127.6/22

+ sign -60.594 ± 0.000 χ^2/NDF : 366446085.4/46

All: -60.594 ± 0.000 χ^2/NDF : 800487646.0/9

- sign 7.172 ± 0.003 χ^2/NDF : 1380146.7/49

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 30581.5/21

Left Out: 46.995 $\pm$ 0.215 χ^2 /NDF: 9203.7/24

Right Out: 19.567 $\pm$ 0.152 χ^2 /NDF: 10831.1/26

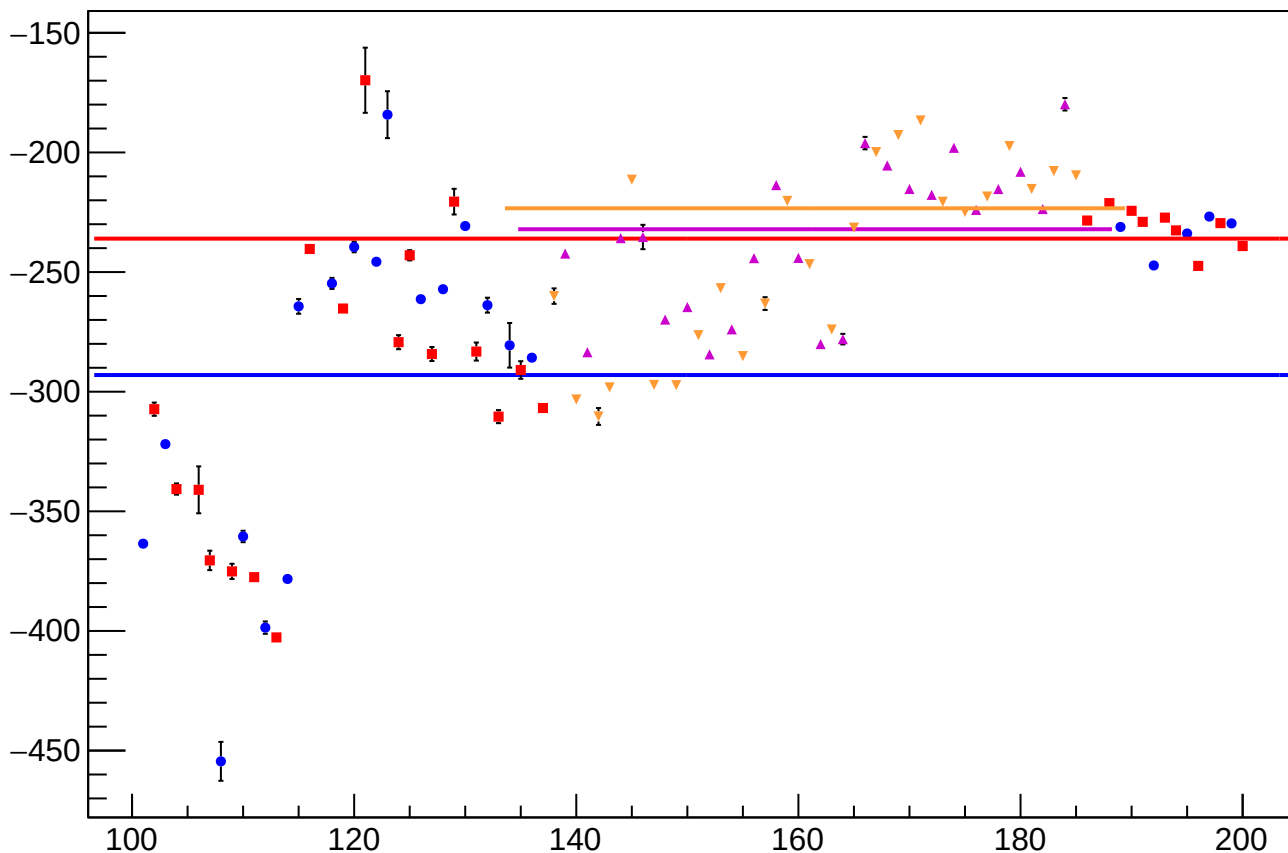
Left In: 50.144 $\pm$ 0.212 χ^2 /NDF: 6667.7/22

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 42841.9/46

All: 58.880 $\pm$ 0.000 χ^2 /NDF: 129224.3/96

- sign 29.951 $\pm$ 0.123 χ^2 /NDF: 31300.1/49

dit_sam2_4eX_slope vs Slug



Right In: -293.031 ± 0.175 χ^2/NDF : 156173.7/21

Left Out: -223.342 ± 0.215 χ^2/NDF : 22293.9/24

Right Out: -236.016 ± 0.137 χ^2/NDF : 28562.5/26

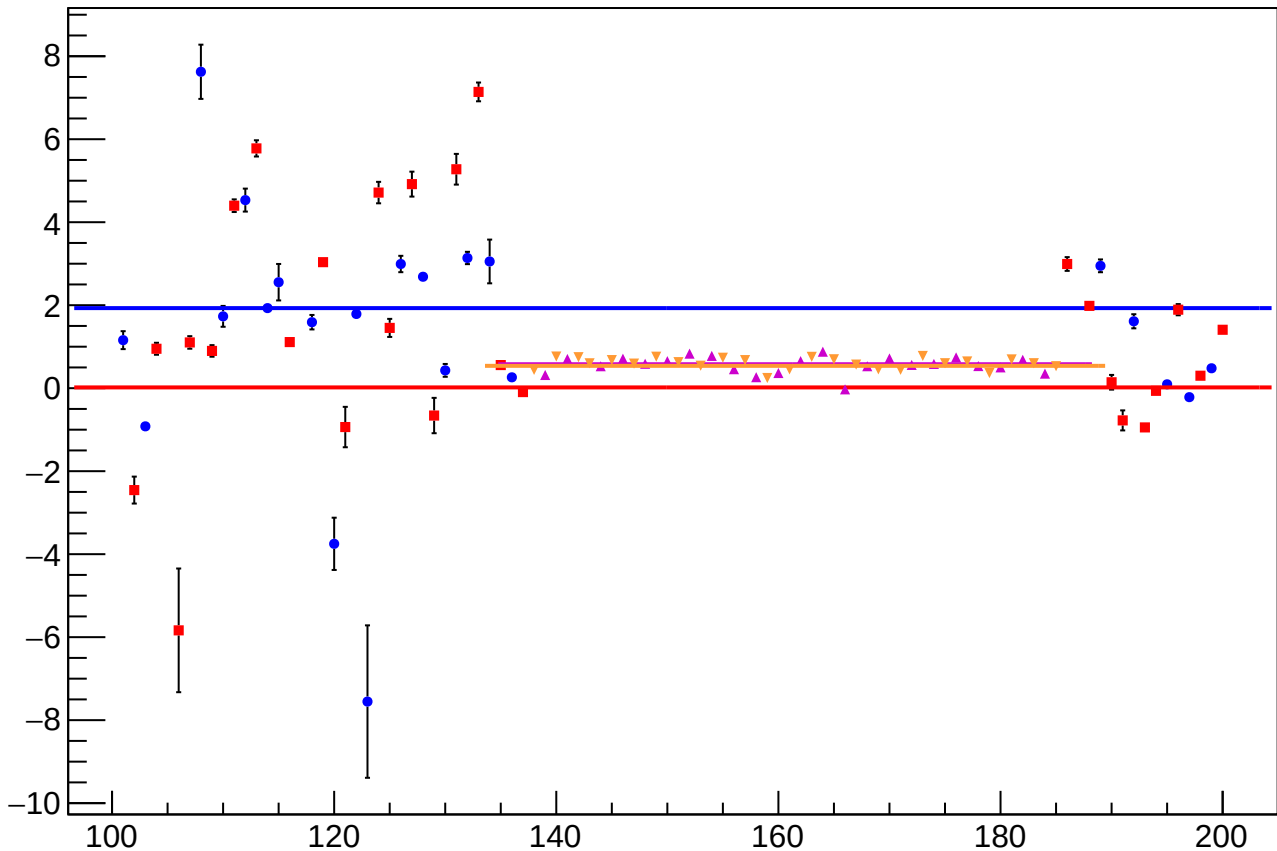
Left In: -232.094 ± 0.217 χ^2/NDF : 17468.1/22

+ sign -265.313 ± 0.136 χ^2/NDF : 241492.0/46

All: -247.715 ± 0.088 χ^2/NDF : 316749.2/96

- sign -234.901 ± 0.116 χ^2/NDF : 46263.4/49

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 64228.8/21

Left Out: 0.539 ± 0.002 χ^2/NDF : 10792.6/24

Right Out: 0.019 ± 0.004 χ^2/NDF : 11537.9/26

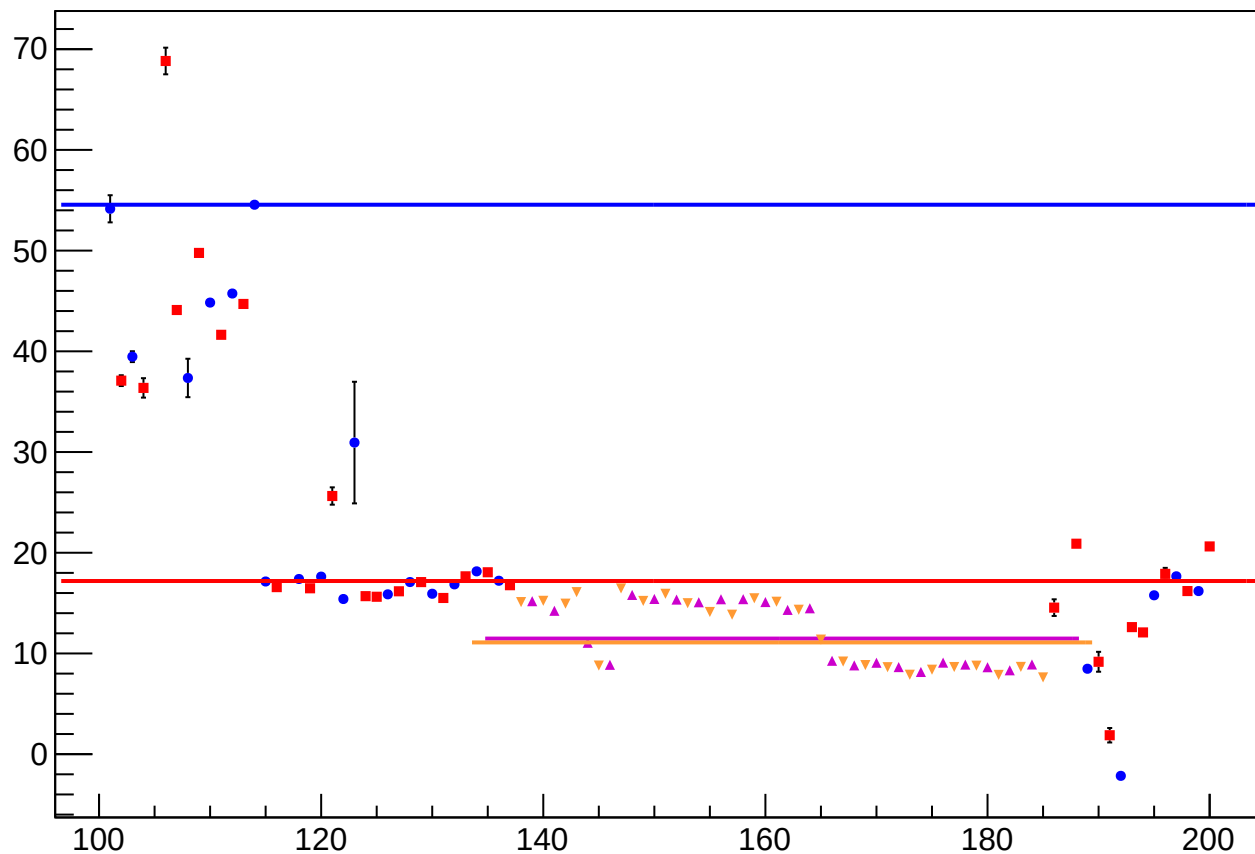
Left In: 0.577 ± 0.001 χ^2/NDF : 15533.6/22

+ sign 1.930 ± 0.000 χ^2/NDF : 766305.4/46

All: 1.930 ± 0.000 χ^2/NDF : 1860906.3/96

- sign 0.520 ± 0.001 χ^2/NDF : 42267.5/49

dit_sam2_4aY_slope vs Slug



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 9958068.2/21

Left Out: 11.095 $\pm$ 0.005 χ^2 /NDF: 381518.3/24

Right Out: 17.193 $\pm$ 0.018 χ^2 /NDF: 62660.2/26

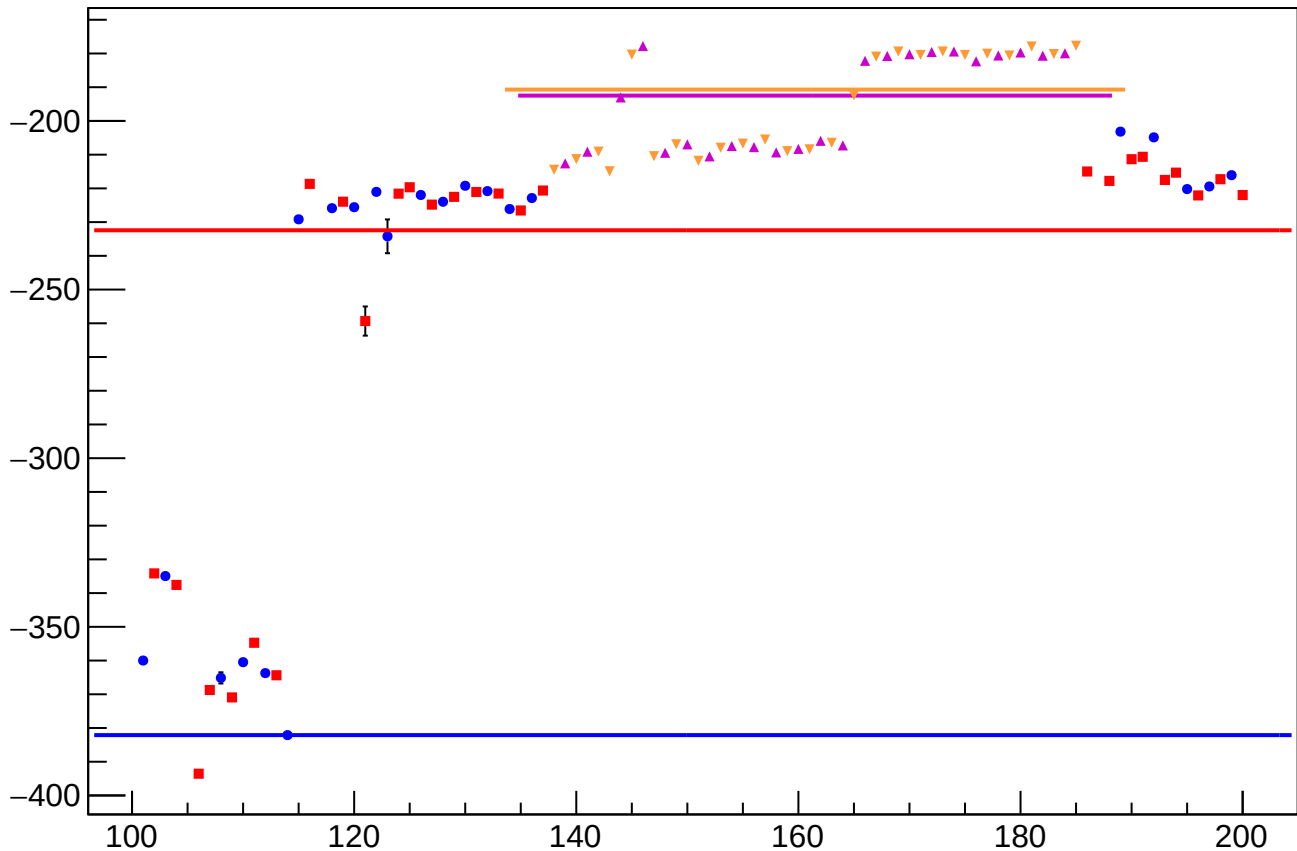
Left In: 11.477 $\pm$ 0.005 χ^2 /NDF: 381285.2/22

+ sign 54.556 $\pm$ 0.000 χ^2 /NDF: 76164866.9/46

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 148865109.2/96

- sign 11.922 $\pm$ 0.005 χ^2 /NDF: 536998.8/49

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 χ^2/NDF : 19727424.0/21

Left Out: -190.703 ± 0.011 χ^2/NDF : 1602184.8/24

Right Out: -232.421 ± 0.046 χ^2/NDF : 660217.0/26

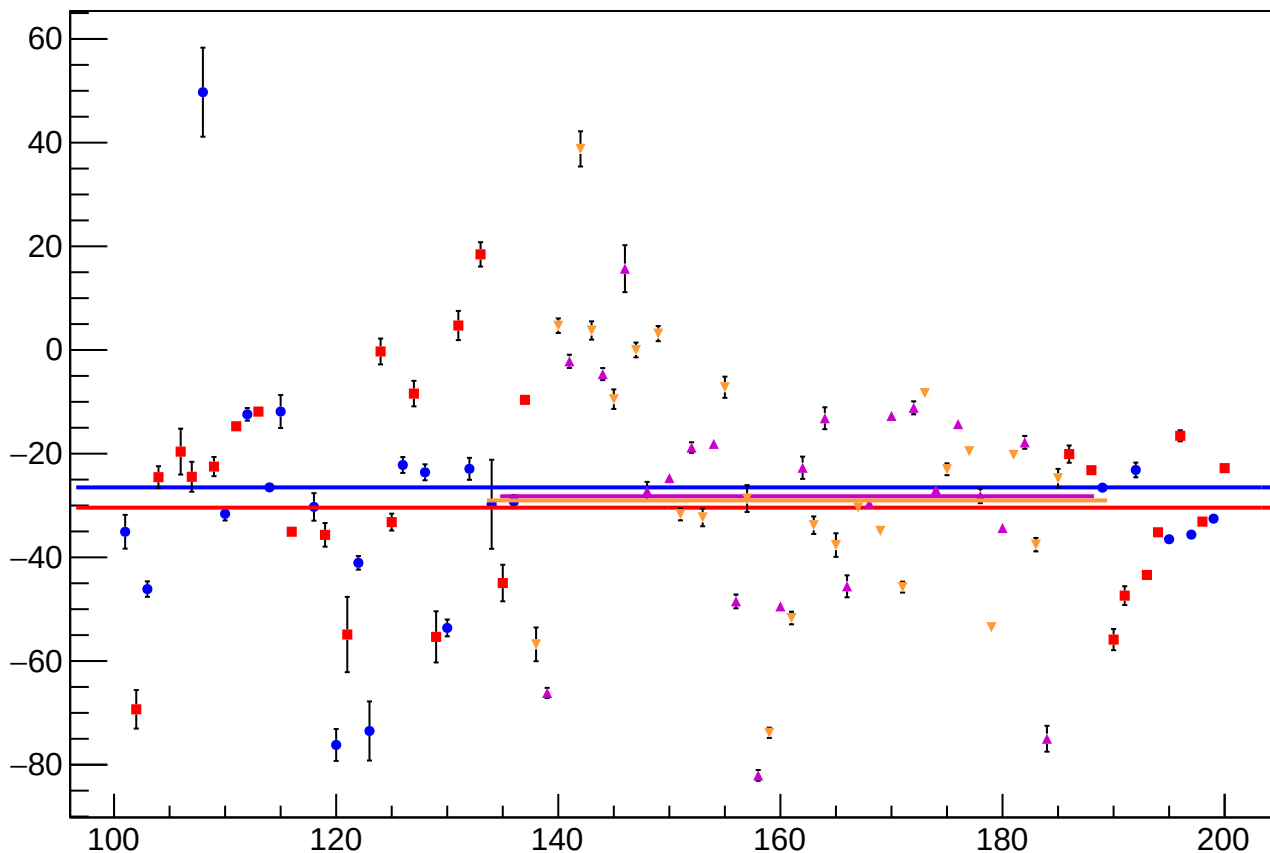
Left In: -192.488 ± 0.011 χ^2/NDF : 1500910.9/22

+ sign -382.108 ± 0.000 χ^2/NDF : 315666254.3/46

All: -382.108 ± 0.000 χ^2/NDF : 605760037.9/

- sign -194.842 ± 0.011 χ^2/NDF : 2885757.5/49

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 1865.8/21$

Left Out: -29.022 ± 0.235 $\chi^2/\text{NDF}: 7110.5/24$

Right Out: -30.412 ± 0.160 $\chi^2/\text{NDF}: 4739.5/26$

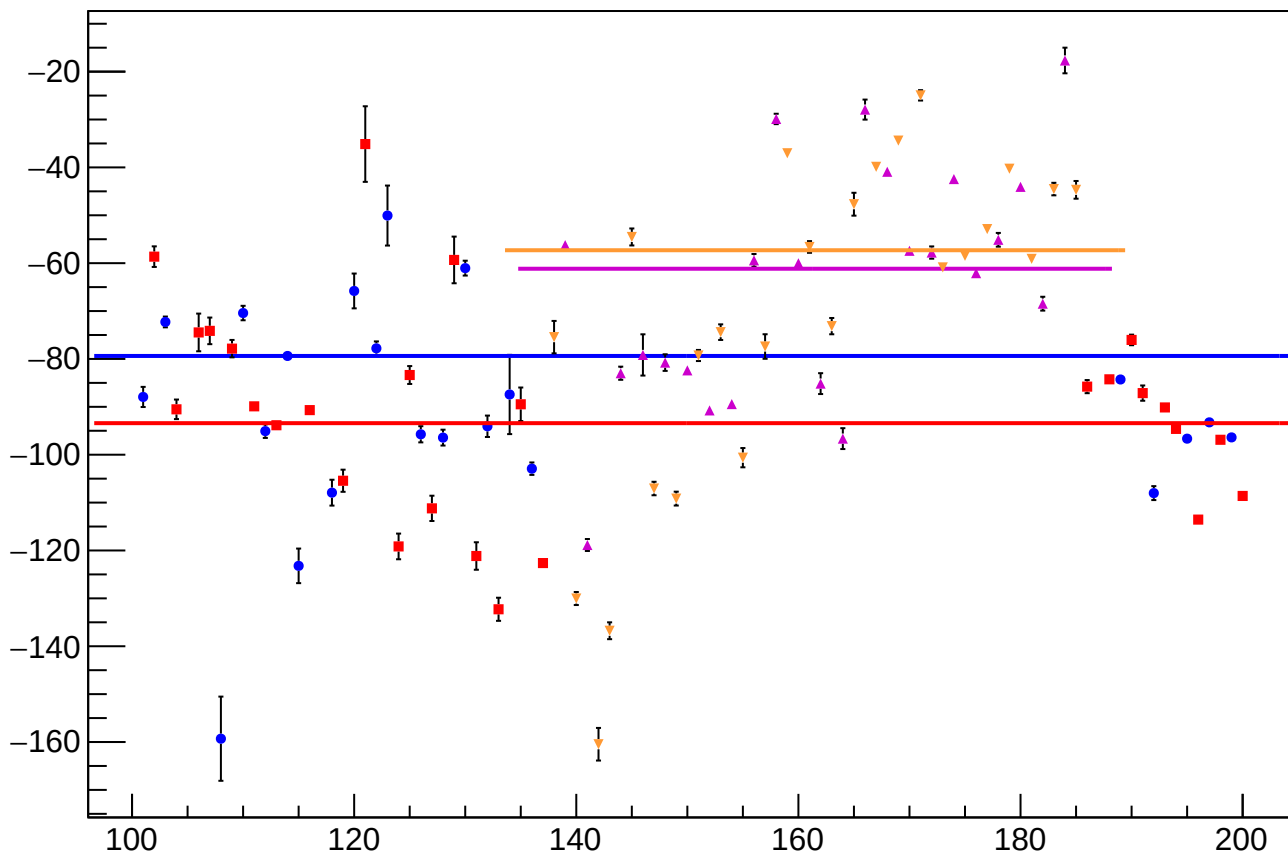
Left In: -28.215 ± 0.215 $\chi^2/\text{NDF}: 7786.5/22$

+ sign -26.504 ± 0.000 $\chi^2/\text{NDF}: 9091.4/46$

All: -26.504 ± 0.000 $\chi^2/\text{NDF}: 22279.5/96$

- sign -29.628 ± 0.128 $\chi^2/\text{NDF}: 12593.4/49$

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 4721.8/21$

Left Out: -57.300 ± 0.229 $\chi^2/\text{NDF}: 13067.7/24$

Right Out: -93.412 ± 0.137 $\chi^2/\text{NDF}: 4167.7/26$

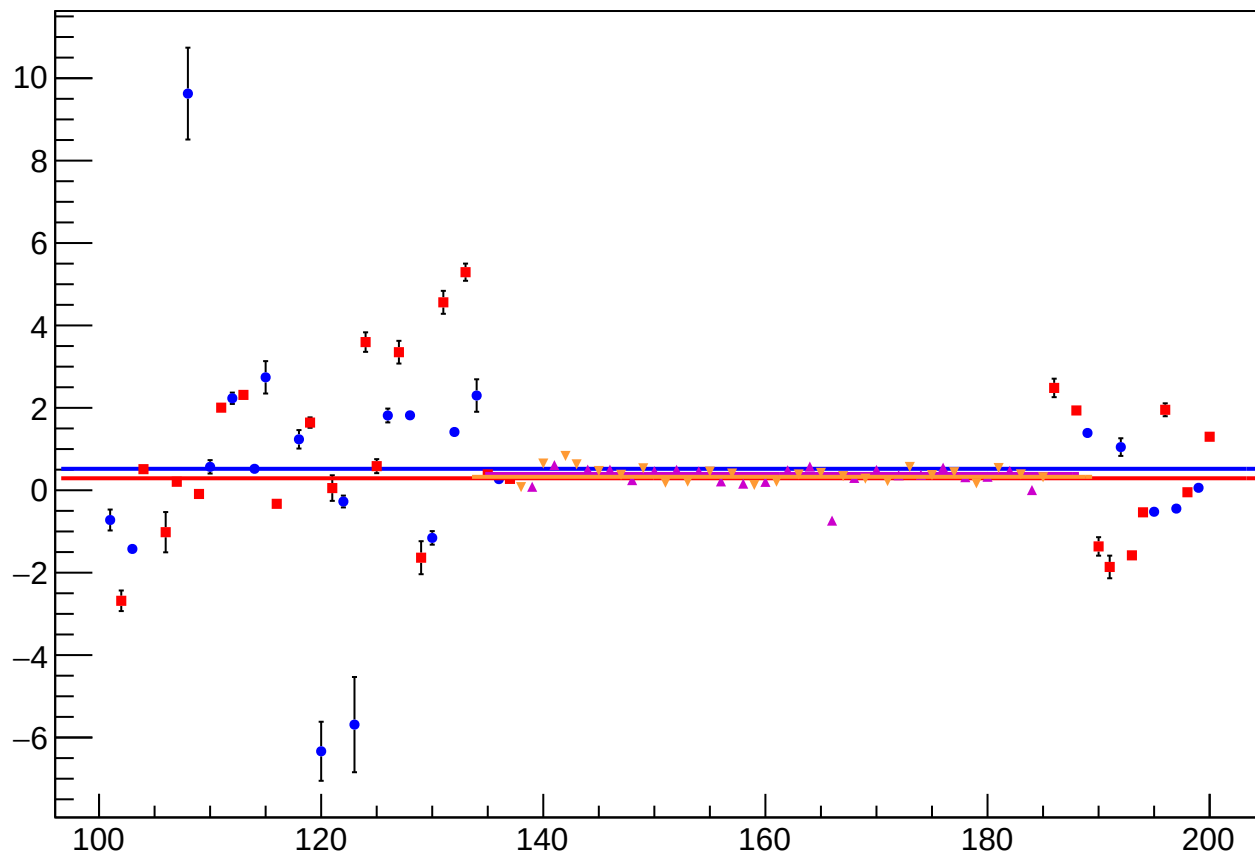
Left In: -61.164 ± 0.218 $\chi^2/\text{NDF}: 8941.7/22$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 27067.1/46$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 57653.8/96$

- sign -84.242 ± 0.116 $\chi^2/\text{NDF}: 28828.4/49$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3987.2/21

Left Out: 0.326+/-0.002 χ^2/NDF : 10419.3/24

Right Out: 0.291+/-0.010 χ^2/NDF : 6205.2/26

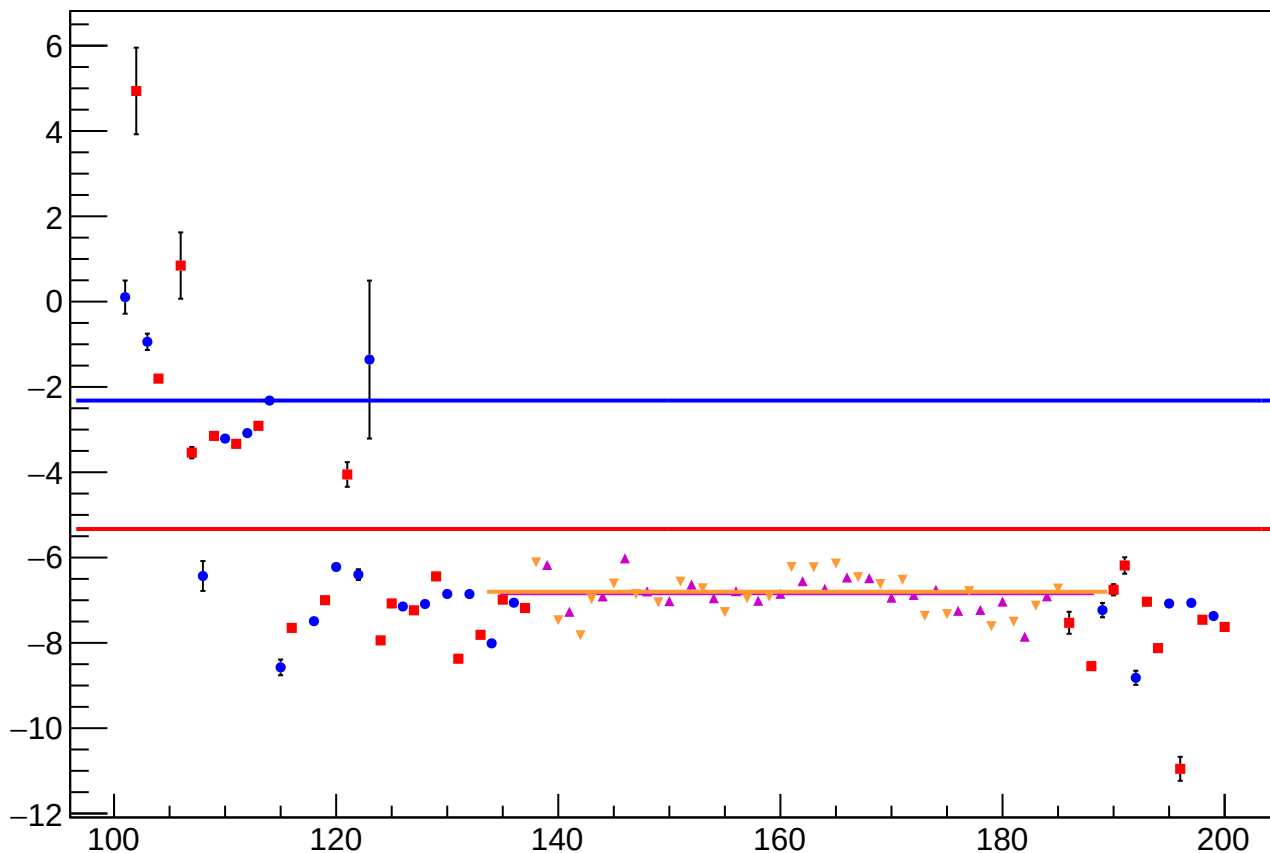
Left In: 0.396+/-0.001 χ^2/NDF : 11392.0/22

+ sign 0.521+/-0.000 χ^2/NDF : 29159.7/46

All: 0.521+/-0.000 χ^2/NDF : 54803.7/96

- sign 0.394+/-0.001 χ^2/NDF : 17705.9/49

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 297311.8/21$

Left Out: -6.802 ± 0.002 $\chi^2/\text{NDF}: 14918.8/24$

Right Out: -5.331 ± 0.009 $\chi^2/\text{NDF}: 58025.1/26$

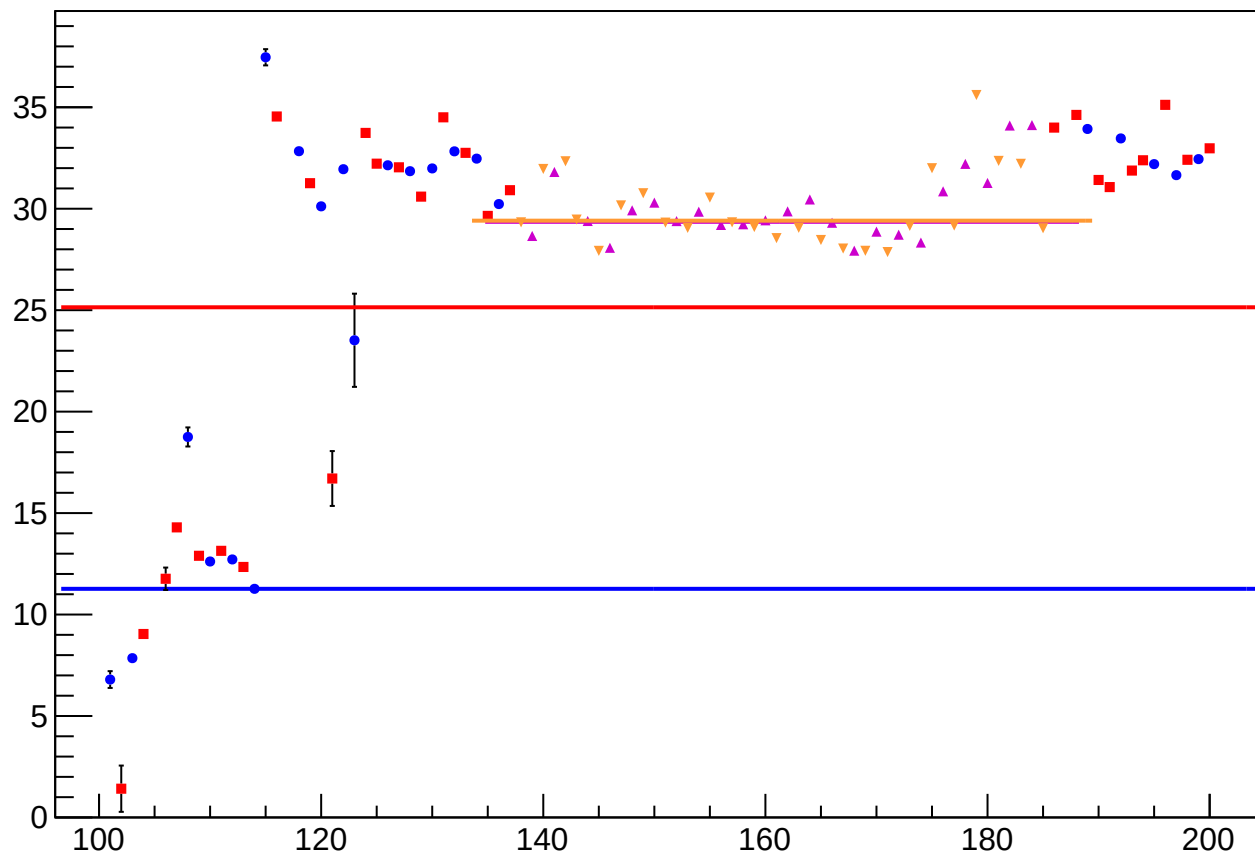
Left In: -6.836 ± 0.002 $\chi^2/\text{NDF}: 9245.1/22$

+ sign -2.320 ± 0.000 $\chi^2/\text{NDF}: 3560137.6/46$

All: -2.320 ± 0.000 $\chi^2/\text{NDF}: 7242669.6/96$

- sign -6.743 ± 0.002 $\chi^2/\text{NDF}: 91451.5/49$

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 1470992.2/21

Left Out: 29.411 $\pm$ 0.008 χ^2 /NDF:44374.5/24

Right Out: 25.142 $\pm$ 0.014 χ^2 /NDF: 464147.2/26

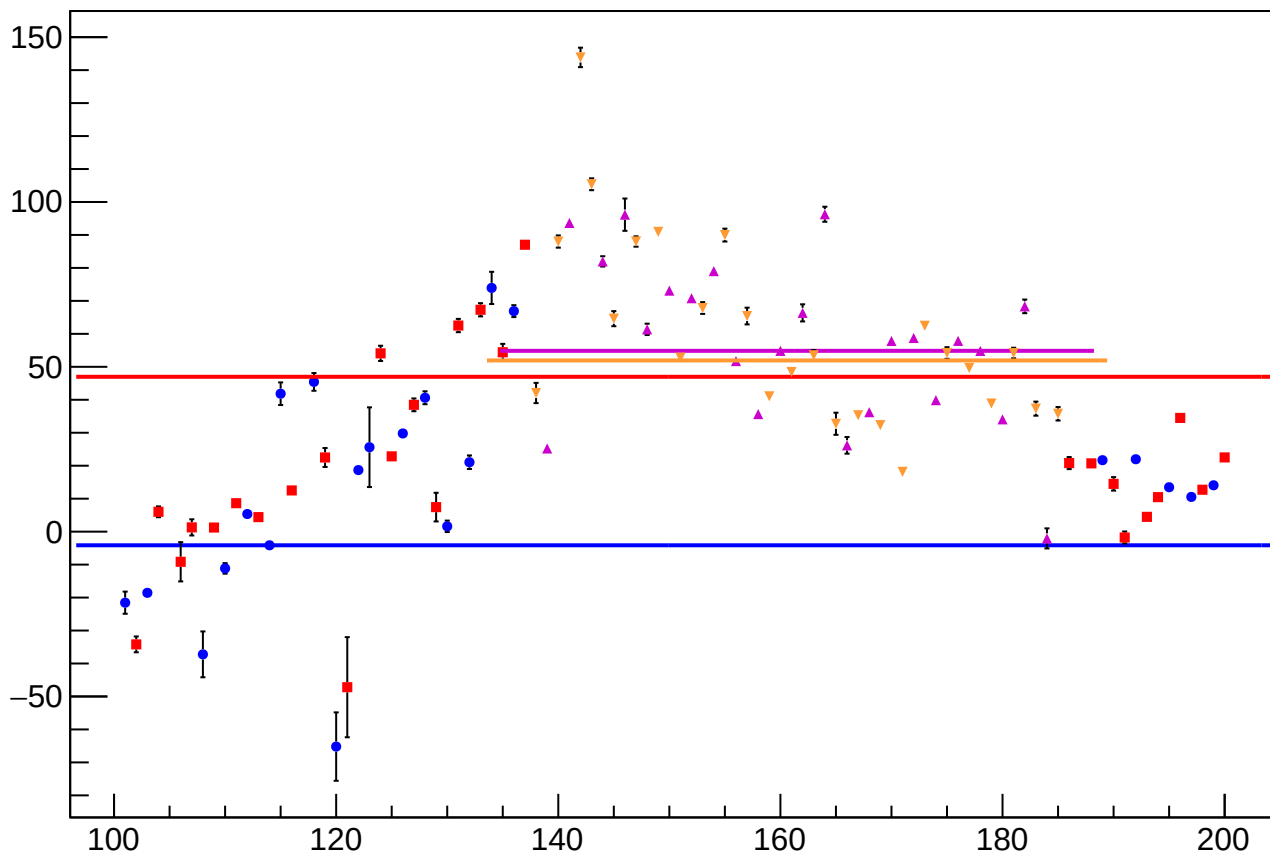
Left In: 29.354 $\pm$ 0.008 χ^2 /NDF:14741.7/22

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 6430617.1/46

All: 11.268 $\pm$ 0.000 χ^2 /NDF: 13100942.8/96

- sign 28.383 $\pm$ 0.007 χ^2 /NDF: 544635.0/49

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 7939.6/21

Left Out: 51.931 ± 0.276 χ^2/NDF : 6225.4/24

Right Out: 46.977 ± 0.150 χ^2/NDF : 62219.2/26

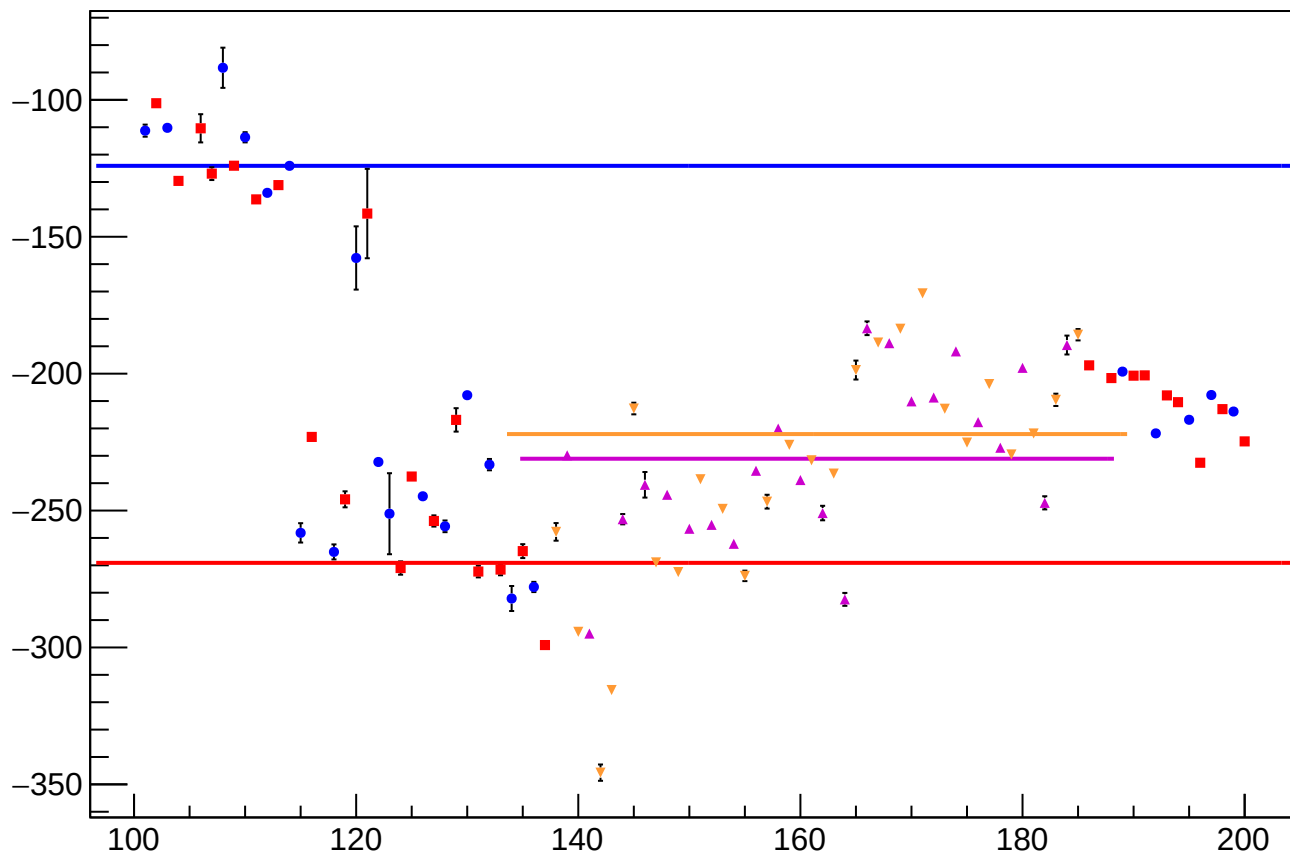
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ sign -4.139 ± 0.000 χ^2/NDF : 55571.0/46

All: -4.139 ± 0.000 χ^2/NDF : 297346.9/96

- sign 49.094 ± 0.128 χ^2/NDF : 69286.5/49

dit_sam4_4eX_slope vs Slug



Right In: -124.095 $\pm$ 0.000 χ^2 /NDF: 127579.1/21

Left Out: -222.063 $\pm$ 0.272 χ^2 /NDF:15812.2/24

Right Out: -269.099 $\pm$ 0.103 χ^2 /NDF: 217322.6/26

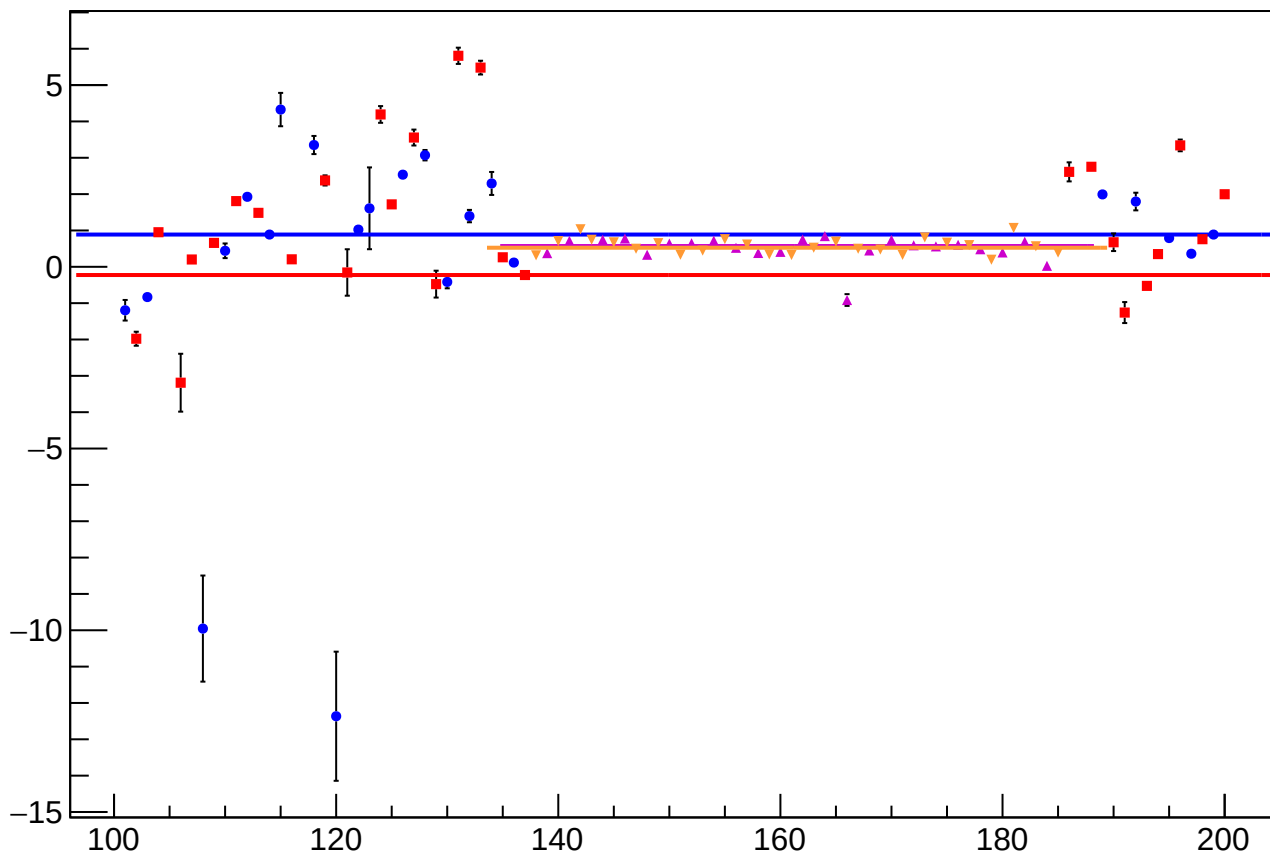
Left In: -231.069 $\pm$ 0.249 χ^2 /NDF:12005.6/22

+ sign -124.095 $\pm$ 0.000 χ^2 /NDF: 272945.6/46

All: -124.095 $\pm$ 0.000 χ^2 /NDF: 2671563.6/96

- sign -263.569 $\pm$ 0.095 χ^2 /NDF: 249187.7/49

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8813.4/21

Left Out: 0.525 ± 0.002 χ^2/NDF : 9207.9/24

Right Out: -0.226 ± 0.000 χ^2/NDF : 7821.7/26

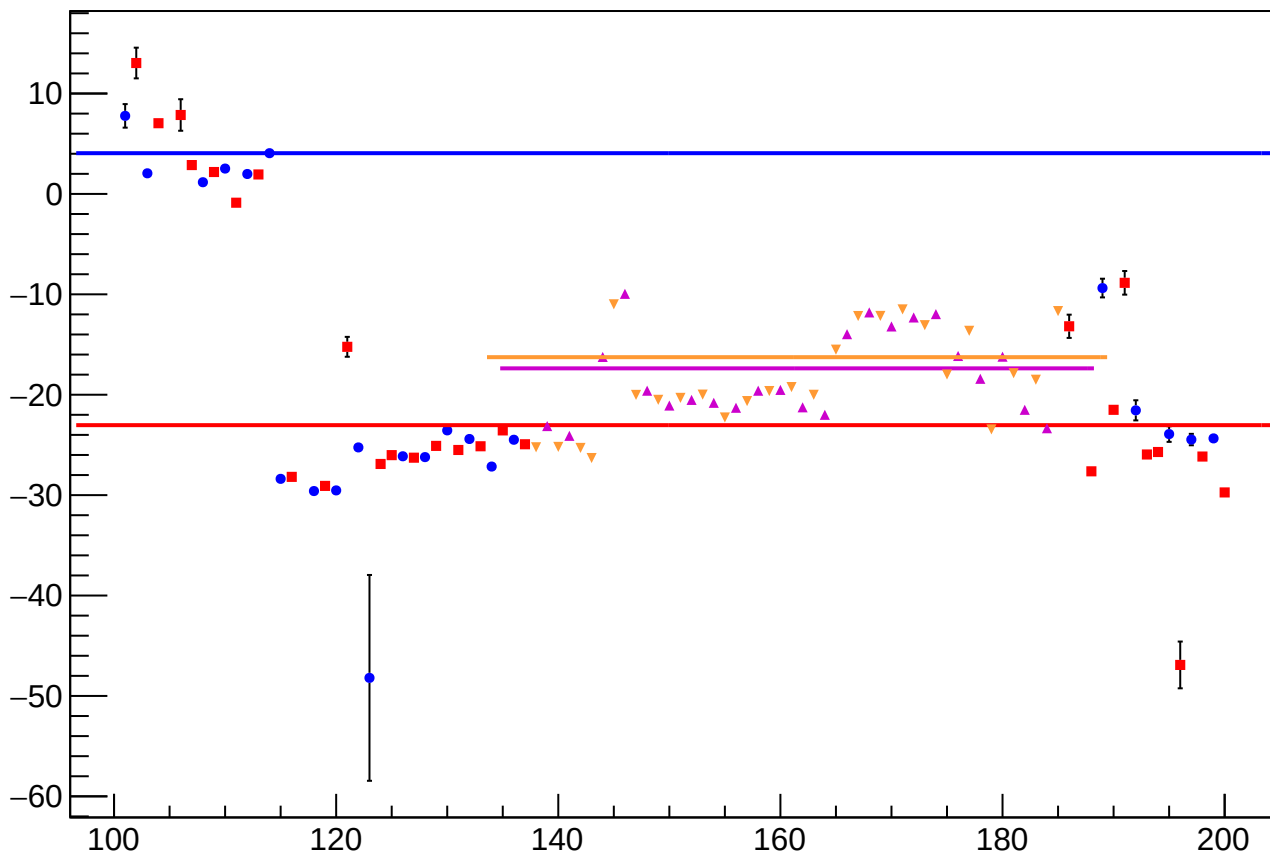
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50360.7/46

All: 0.888 ± 0.000 χ^2/NDF : 422294900.6/96

- sign -0.225 ± 0.000 χ^2/NDF : 175315.4/49

dit_sam4_4aY_slope vs Slug



Right In: 4.057 $\pm$ 0.000 χ^2 /NDF: 1255759.4/21

Left Out: -16.260 $\pm$ 0.010 χ^2 /NDF:188515.0/24

Right Out: -23.030 $\pm$ 0.026 χ^2 /NDF: 117293.8/26

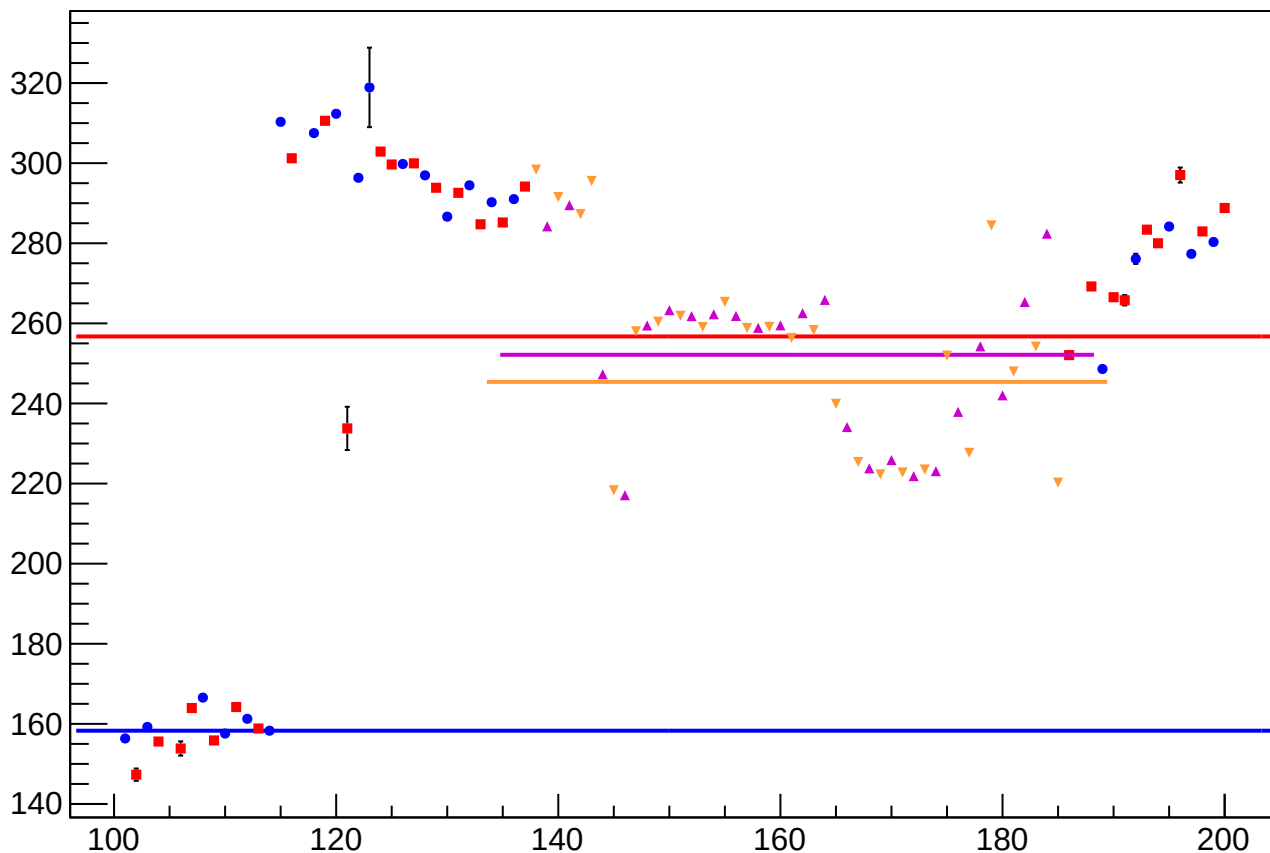
Left In: -17.374 $\pm$ 0.009 χ^2 /NDF:169487.5/22

+ sign 4.057 $\pm$ 0.000 χ^2 /NDF: 5560169.5/46

All: 4.057 $\pm$ 0.000 χ^2 /NDF: 12170971.6/96

- sign -18.028 $\pm$ 0.009 χ^2 /NDF: 328959.9/49

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2583632.9/21

Left Out: 245.391 $\pm$ 0.027 χ^2 /NDF: 723564.6/24

Right Out: 256.732 $\pm$ 0.061 χ^2 /NDF: 970013.1/26

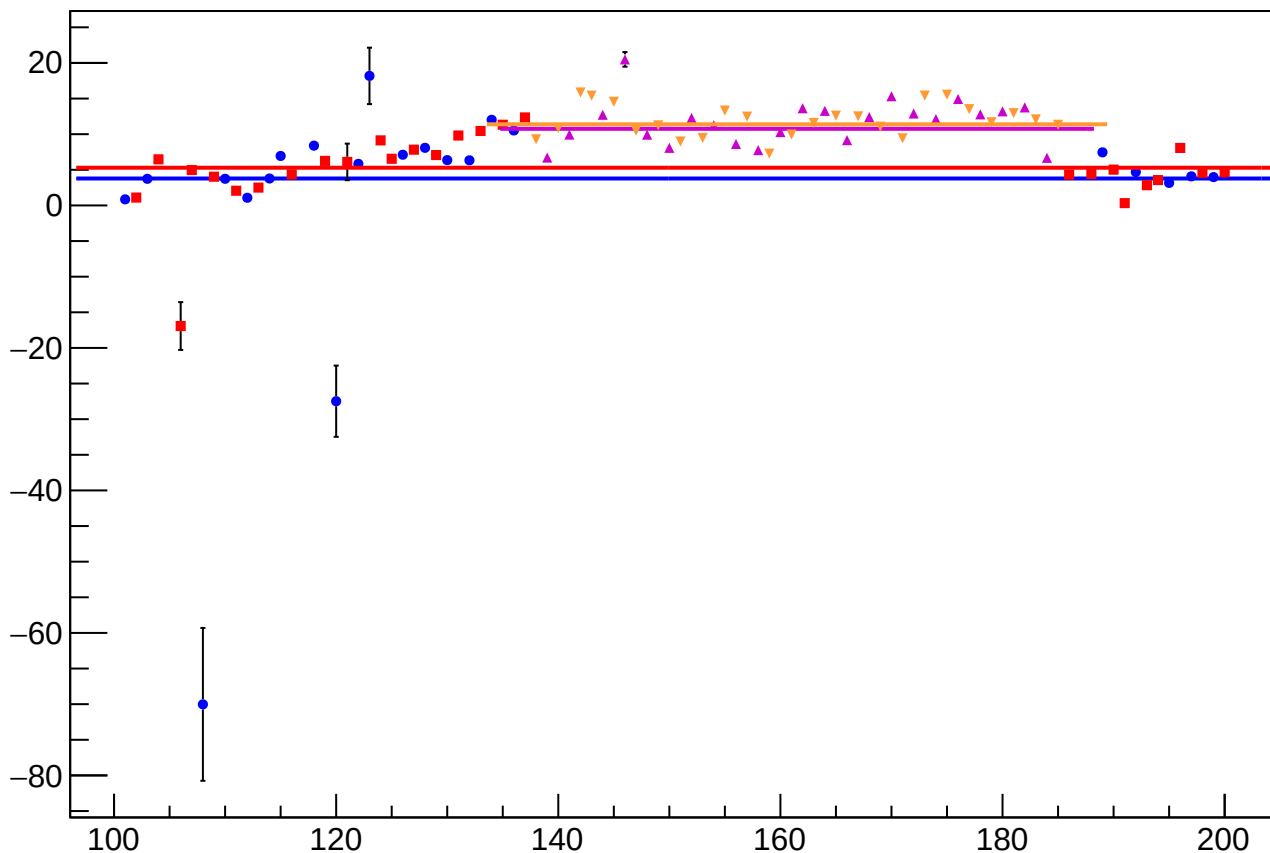
Left In: 252.148 $\pm$ 0.028 χ^2 /NDF: 359416.7/22

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 13437797.6/46

All: 158.293 $\pm$ 0.000 χ^2 /NDF: 28351827.5/96

- sign 252.966 $\pm$ 0.026 χ^2 /NDF: 1334099.0/49

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 $\chi^2/\text{NDF}: 7147.2/21$

Left Out: 11.389 ± 0.030 $\chi^2/\text{NDF}: 4296.1/24$

Right Out: 5.291 ± 0.021 $\chi^2/\text{NDF}: 20271.5/26$

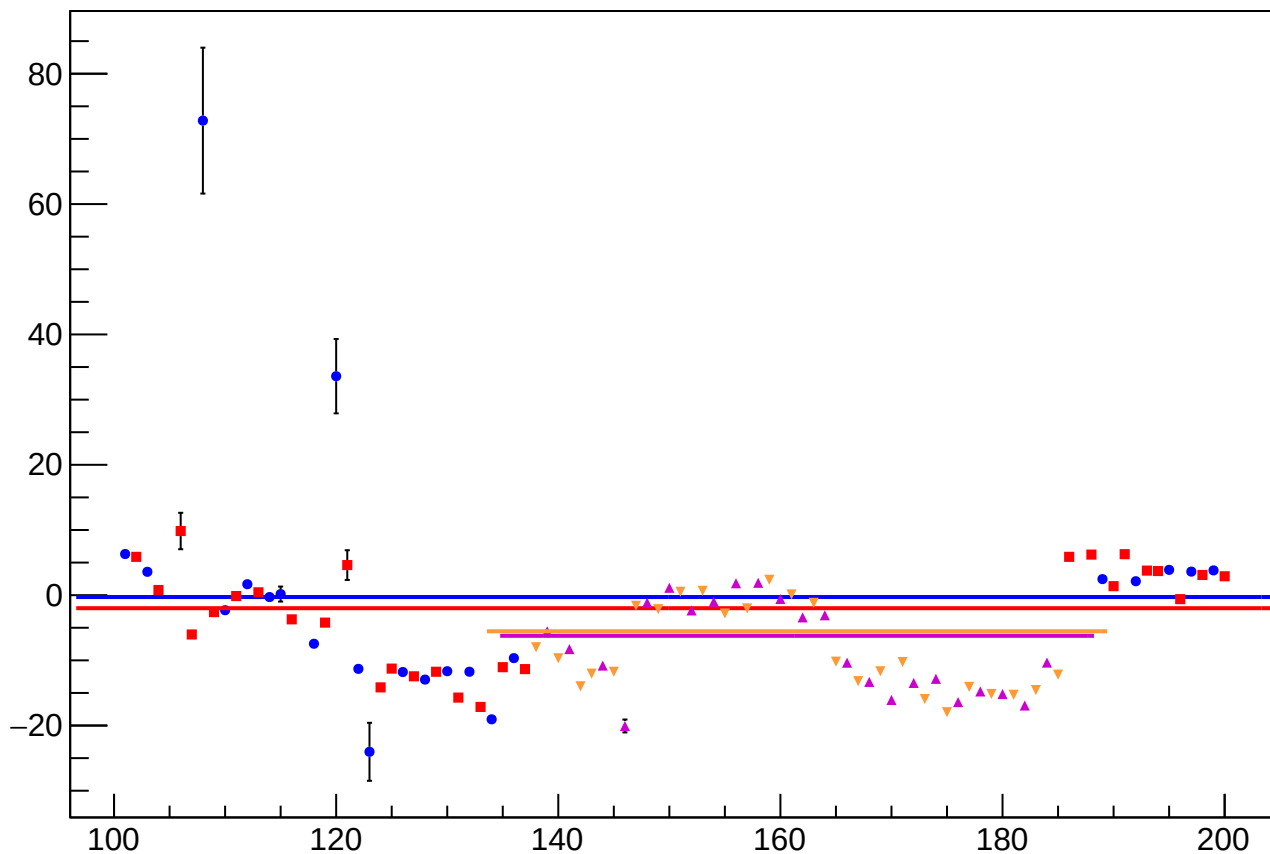
Left In: 10.753 ± 0.028 $\chi^2/\text{NDF}: 9950.6/22$

+ sign 3.778 ± 0.000 $\chi^2/\text{NDF}: 75439.4/46$

All: 3.778 ± 0.000 $\chi^2/\text{NDF}: 174207.1/96$

- sign 7.278 ± 0.017 $\chi^2/\text{NDF}: 54938.0/49$

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 50770.8/21

Left Out: -5.539 ± 0.030 χ^2/NDF : 43439.8/24

Right Out: -1.998 ± 0.021 χ^2/NDF : 113759.6/26

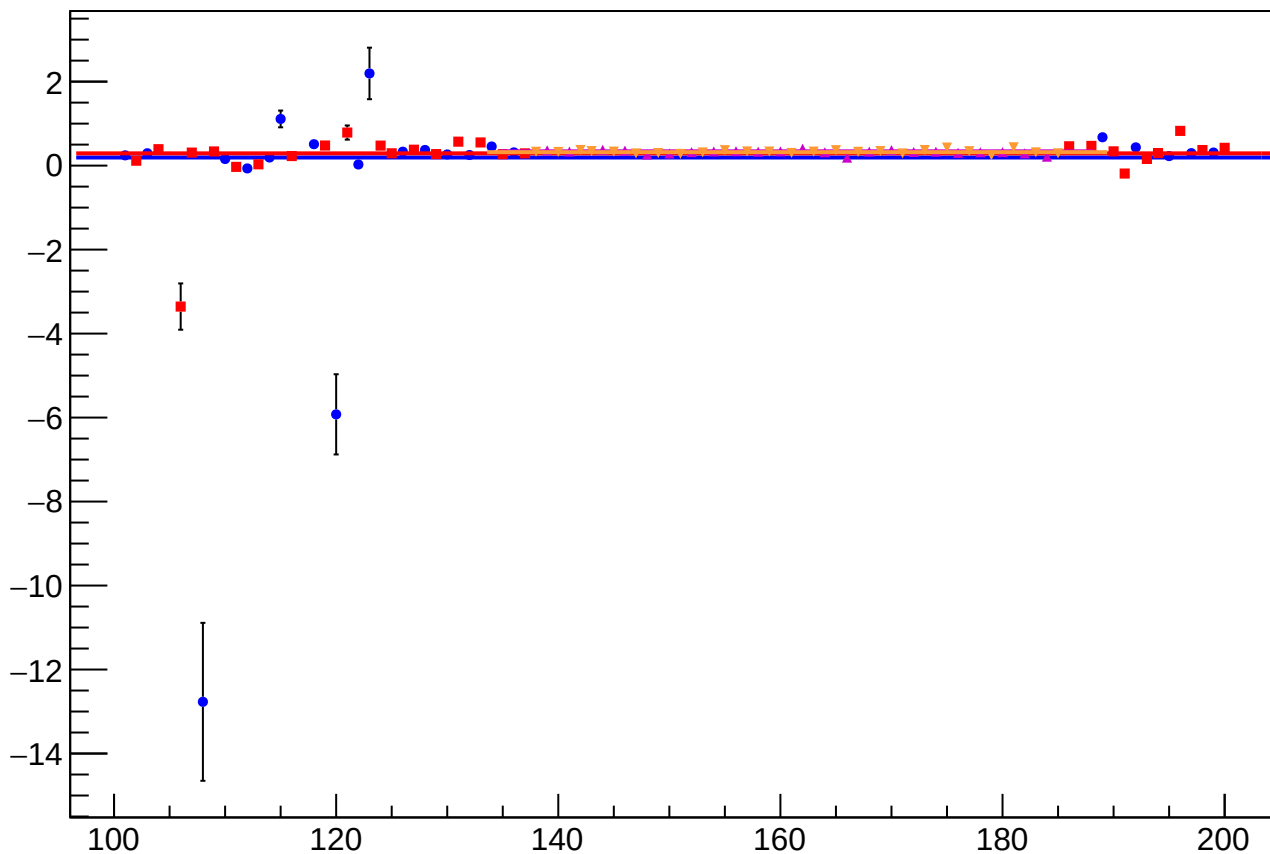
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ sign -0.287 ± 0.000 χ^2/NDF : 124653.1/46

All: -0.287 ± 0.000 χ^2/NDF : 346680.1/96

- sign -3.520 ± 0.017 χ^2/NDF : 185541.3/49

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 ± 0.000 χ^2/NDF : 10834.0/21

Left Out: 0.320 ± 0.001 χ^2/NDF : 3374.4/24

Right Out: 0.292 ± 0.001 χ^2/NDF : 7670.2/26

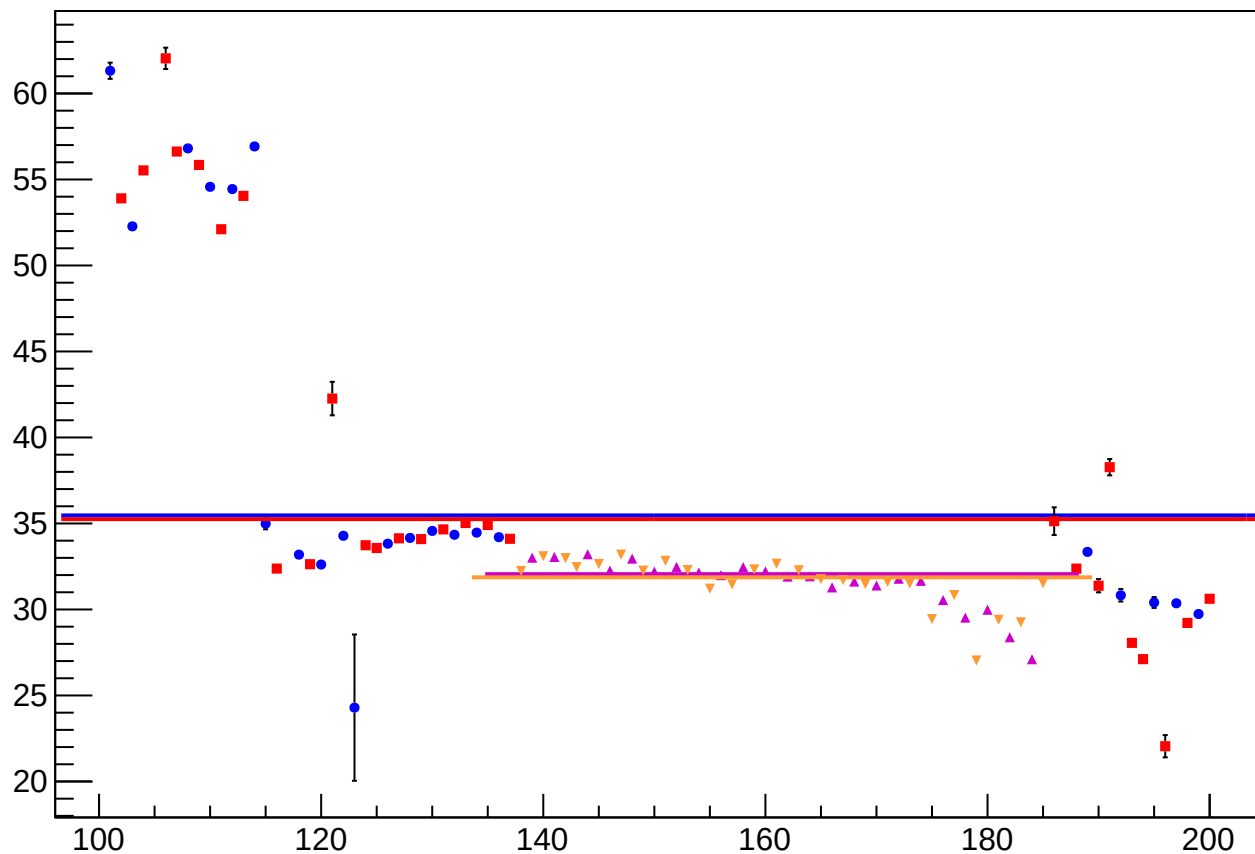
Left In: 0.340 ± 0.001 χ^2/NDF : 4171.9/22

+ sign 0.193 ± 0.000 χ^2/NDF : 77425.1/46

All: 0.193 ± 0.000 χ^2/NDF : 170911.0/96

- sign 0.334 ± 0.000 χ^2/NDF : 12894.0/49

dit_sam5_4aY_slope vs Slug



Right In: 35.468 $\pm$ 0.011 χ^2 /NDF: 227190.6/21

Left Out: 31.869 $\pm$ 0.003 χ^2 /NDF: 61955.3/24

Right Out: 35.254 $\pm$ 0.011 χ^2 /NDF: 278506.3/26

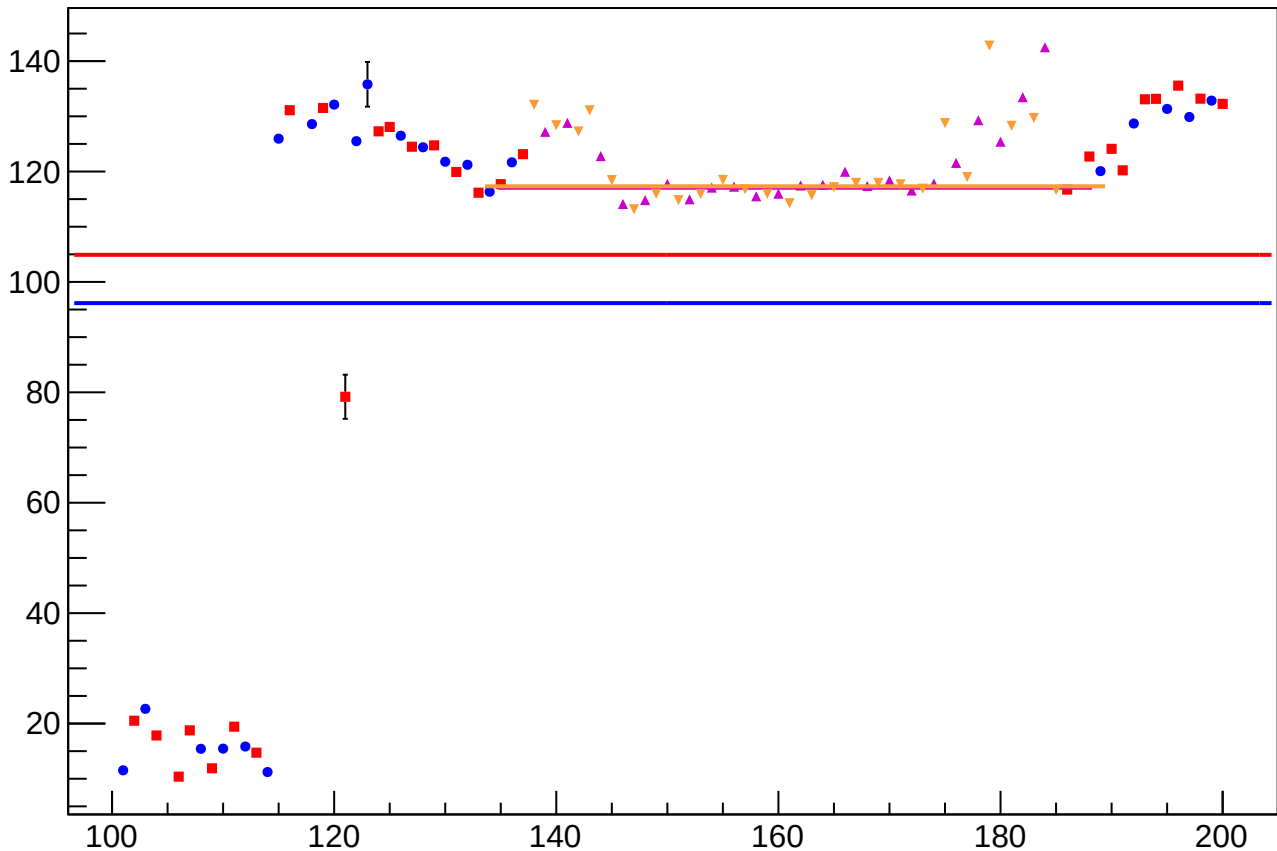
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ sign 32.129 $\pm$ 0.003 χ^2 /NDF: 385687.9/46

All: 32.235 $\pm$ 0.002 χ^2 /NDF: 783266.2/96

- sign 32.359 $\pm$ 0.003 χ^2 /NDF: 394875.2/49

dit_sam5_4eY_slope vs Slug



Right In: 96.160 $\pm$ 0.028 χ^2 /NDF: 2826226.3/21

Left Out: 117.323 $\pm$ 0.008 χ^2 /NDF: 172684.3/24

Right Out: 104.908 $\pm$ 0.025 χ^2 /NDF: 3429734.3/26

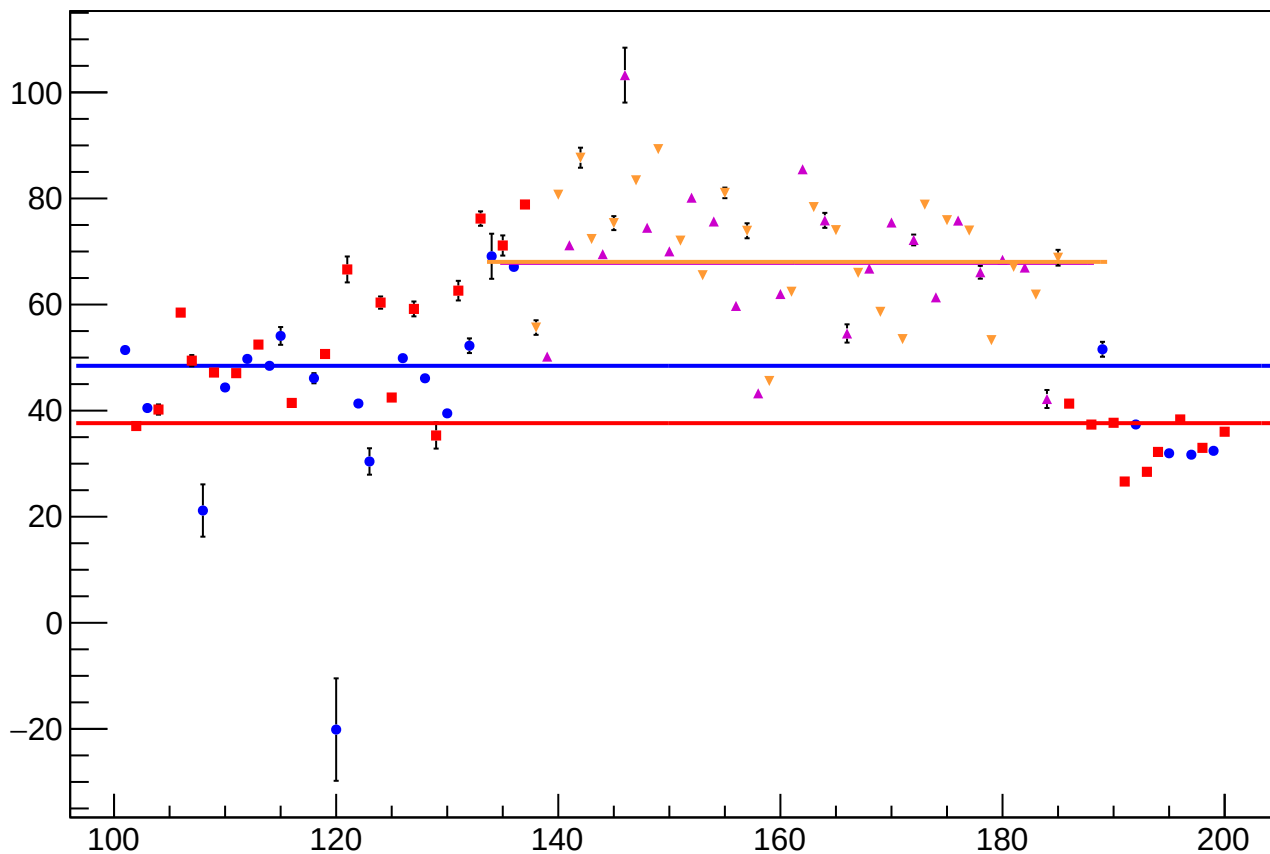
Left In: 117.061 $\pm$ 0.009 χ^2 /NDF: 62905.3/22

+ sign 115.808 $\pm$ 0.008 χ^2 /NDF: 3519982.0/46

All: 115.752 $\pm$ 0.006 χ^2 /NDF: 7228269.6/96

- sign 115.684 $\pm$ 0.008 χ^2 /NDF: 3708166.0/49

dit_sam6_4aX_slope vs Slug



Right In: 48.450 ± 0.000 χ^2/NDF : 13023.8/21

Left Out: 68.044 ± 0.132 χ^2/NDF : 6670.6/24

Right Out: 37.639 ± 0.080 χ^2/NDF : 14008.4/26

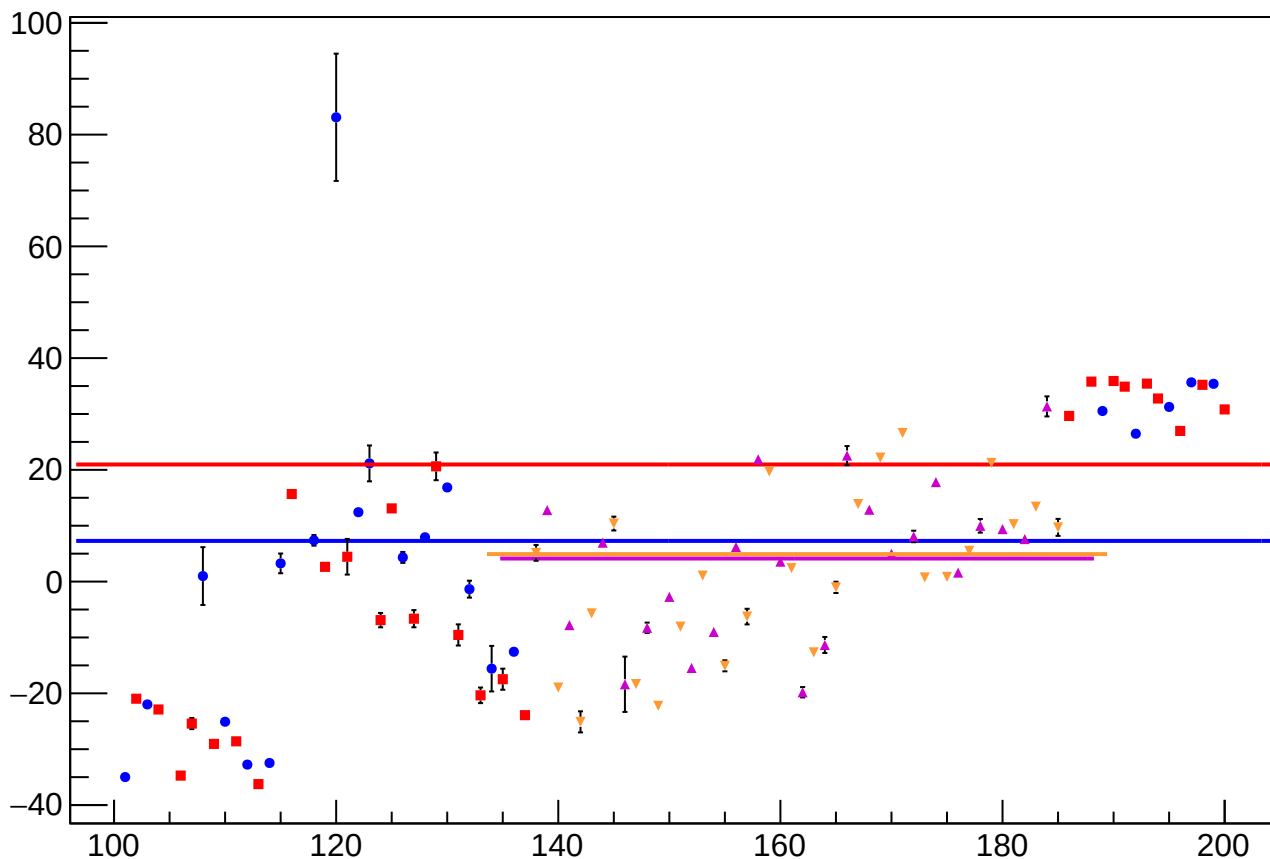
Left In: 67.852 ± 0.126 χ^2/NDF : 5519.9/22

+ sign 48.450 ± 0.000 χ^2/NDF : 41645.6/46

All: 48.450 ± 0.000 χ^2/NDF : 103337.1/96

- sign 46.341 ± 0.067 χ^2/NDF : 60713.2/49

dit_sam6_4eX_slope vs Slug



Right In: 7.282 ± 0.105 $\chi^2/\text{NDF}: 73454.2/21$

Left Out: 4.920 ± 0.132 $\chi^2/\text{NDF}: 10378.5/24$

Right Out: 20.958 ± 0.072 $\chi^2/\text{NDF}: 105354.9/26$

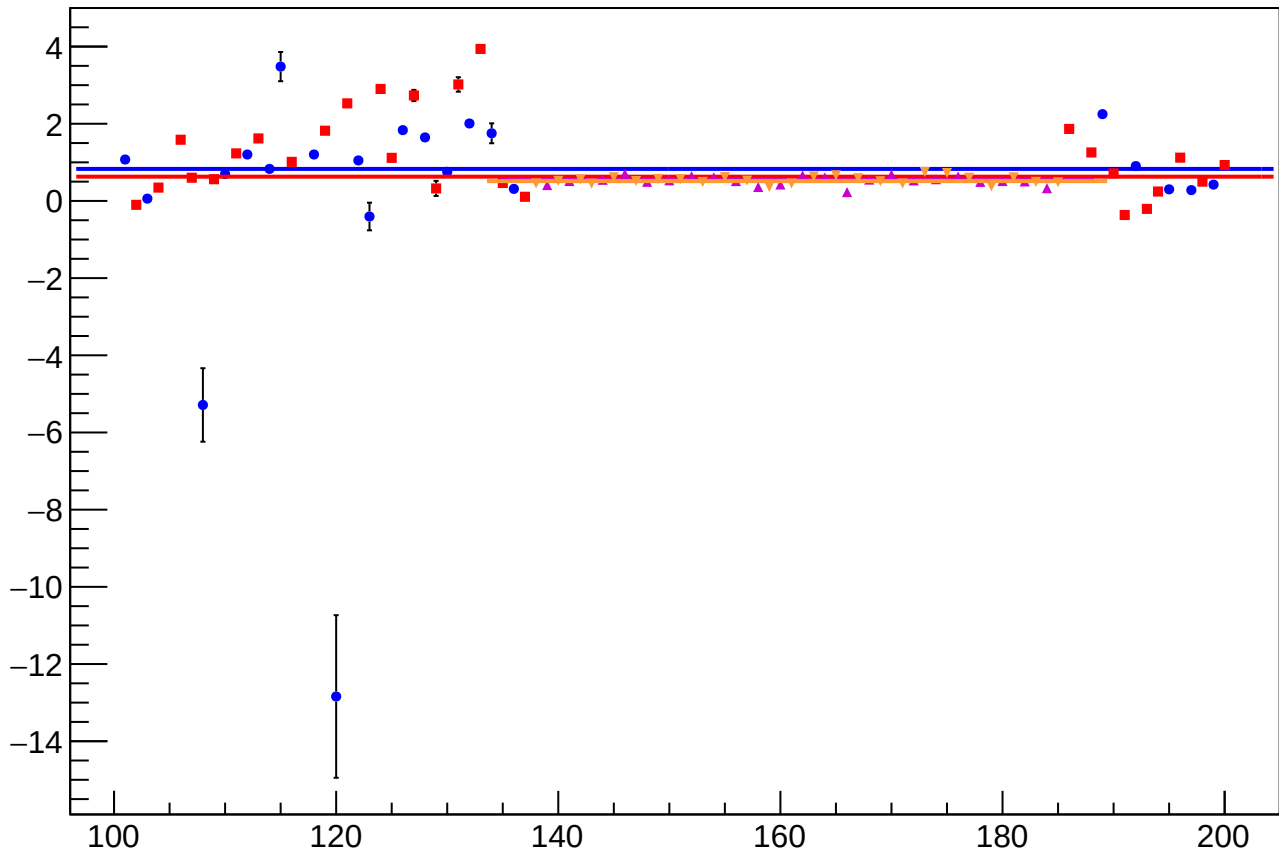
Left In: 4.129 ± 0.127 $\chi^2/\text{NDF}: 6161.4/22$

+ sign 6.372 ± 0.082 $\chi^2/\text{NDF}: 84028.9/46$

All: 13.042 ± 0.050 $\chi^2/\text{NDF}: 219307.4/96$

- sign 16.895 ± 0.062 $\chi^2/\text{NDF}: 124853.7/49$

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 15954.0/21

Left Out: 0.513 ± 0.001 χ^2/NDF : 15206.1/24

Right Out: 0.629 ± 0.006 χ^2/NDF : 9324.1/26

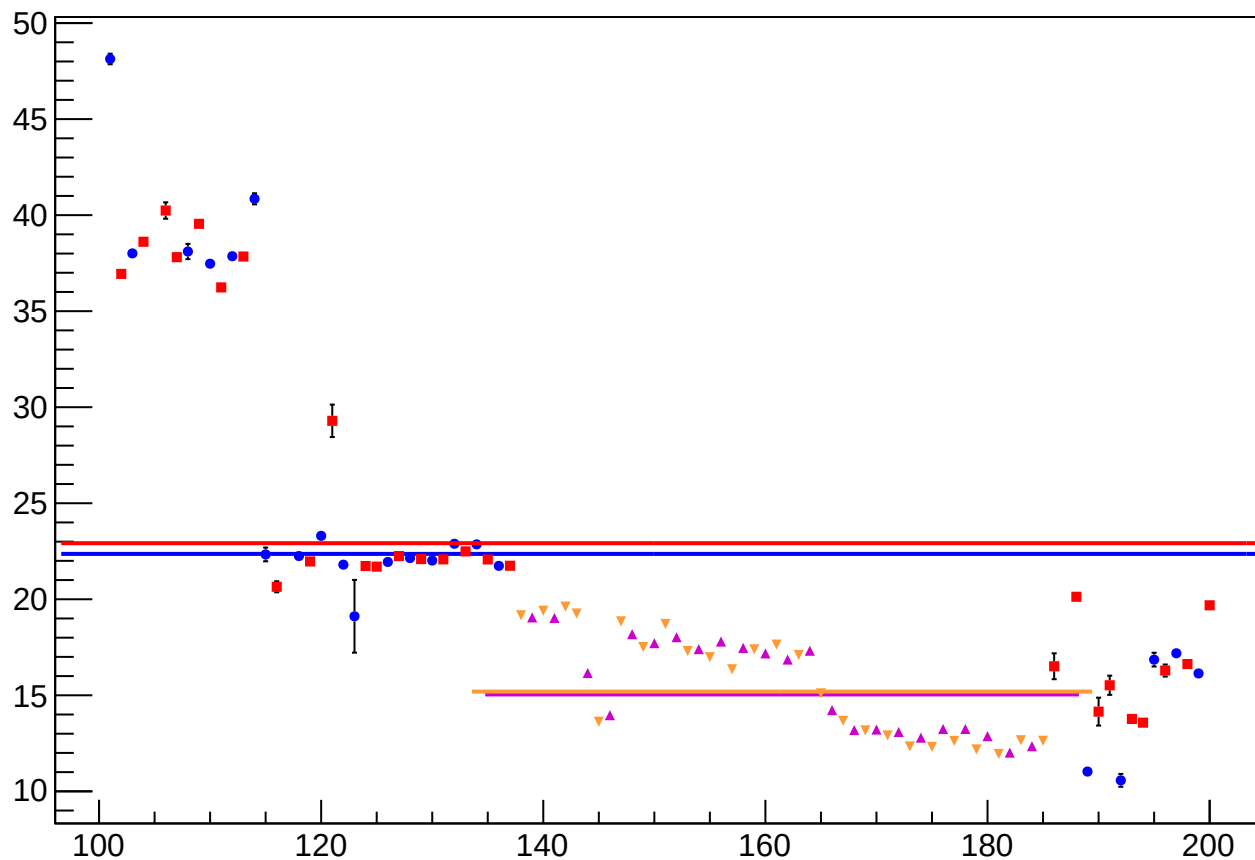
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ sign 0.830 ± 0.000 χ^2/NDF : 139365.9/46

All: 0.830 ± 0.000 χ^2/NDF : 277015.7/96

- sign 0.538 ± 0.001 χ^2/NDF : 21362.5/49

dit_sam6_4aY_slope vs Slug



Right In: 22.363 ± 0.009 $\chi^2/\text{NDF}: 128145.9/21$

Left Out: 15.194 ± 0.004 $\chi^2/\text{NDF}: 417095.1/24$

Right Out: 22.920 ± 0.009 $\chi^2/\text{NDF}: 171681.7/26$

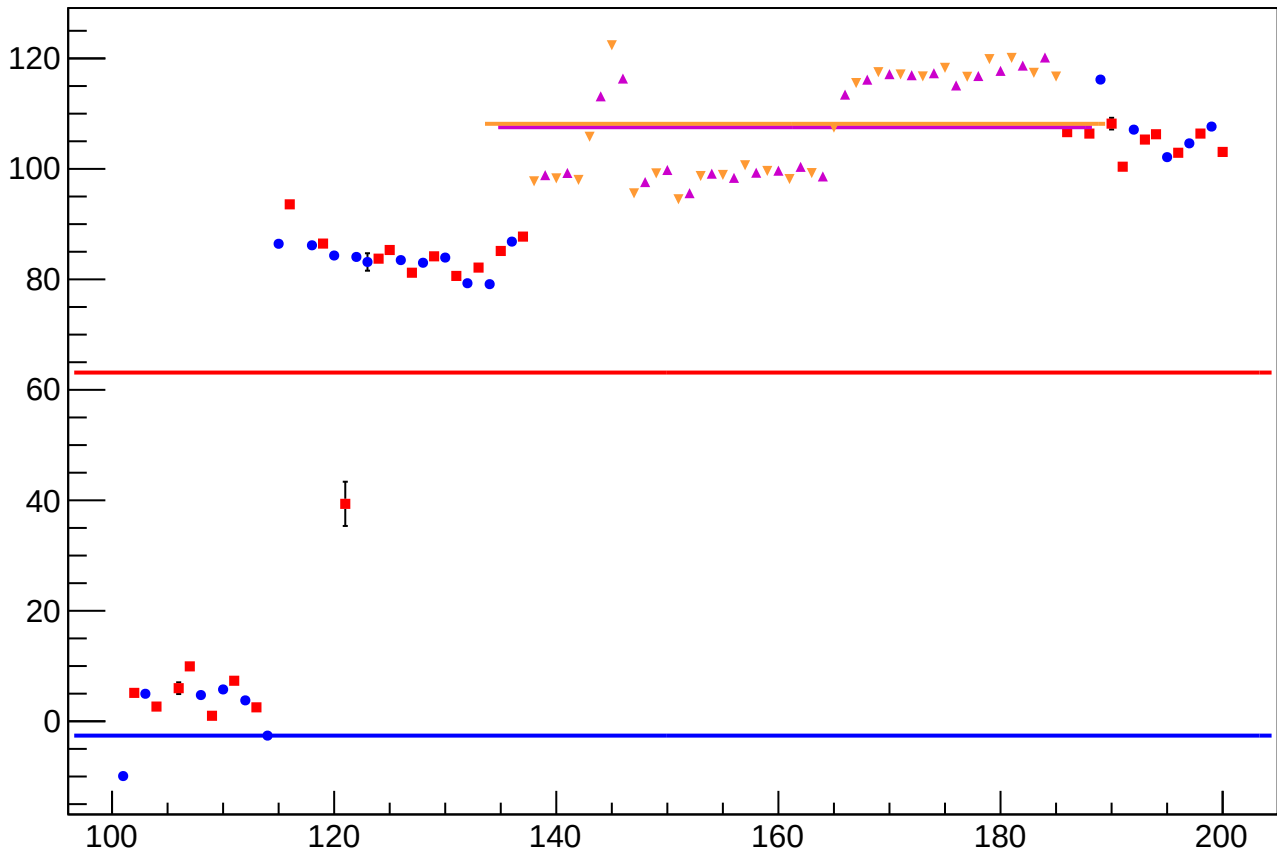
Left In: 15.044 ± 0.005 $\chi^2/\text{NDF}: 285851.6/22$

+ sign 16.457 ± 0.004 $\chi^2/\text{NDF}: 1042290.2/46$

All: 16.566 ± 0.003 $\chi^2/\text{NDF}: 2108623.5/96$

- sign 16.689 ± 0.004 $\chi^2/\text{NDF}: 1064643.3/49$

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2 /NDF: 8445772.9/21

Left Out: 108.162+/-0.009 χ^2 /NDF:1076822.4/24

Right Out: 63.129+/-0.030 χ^2 /NDF: 1729891.7/26

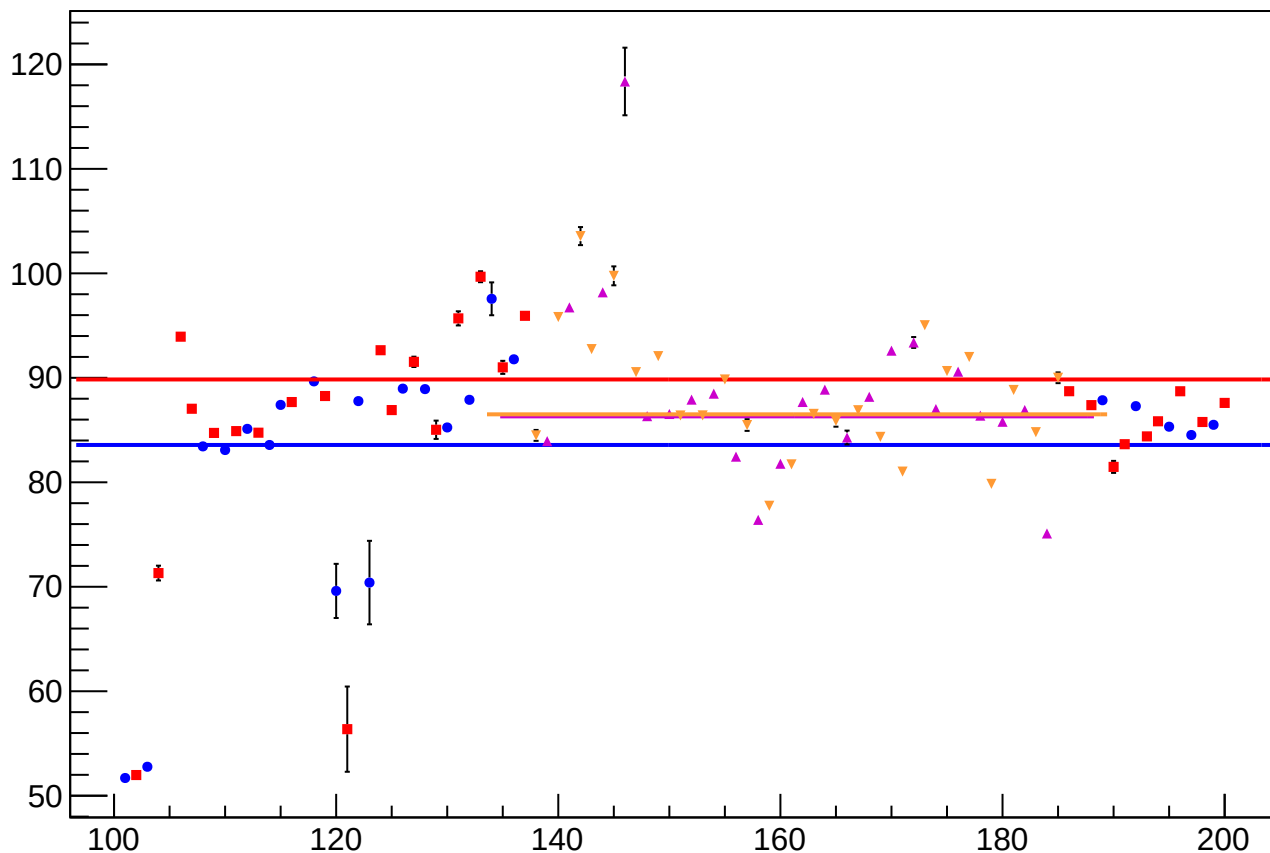
Left In: 107.543+/-0.009 χ^2 /NDF:988940.0/22

+ sign -2.596+/-0.000 χ^2 /NDF: 151233755.2/46

All: -2.596+/-0.000 χ^2 /NDF: 298273801.1/96

- sign 103.665+/-0.009 χ^2 /NDF: 4700311.0/49

dit_sam7_4aX_slope vs Slug



Right In: 83.573 $\pm$ 0.000 χ^2 /NDF: 50801.0/21

Left Out: 86.505 $\pm$ 0.060 χ^2 /NDF: 8553.0/24

Right Out: 89.842 $\pm$ 0.020 χ^2 /NDF: 77903.6/26

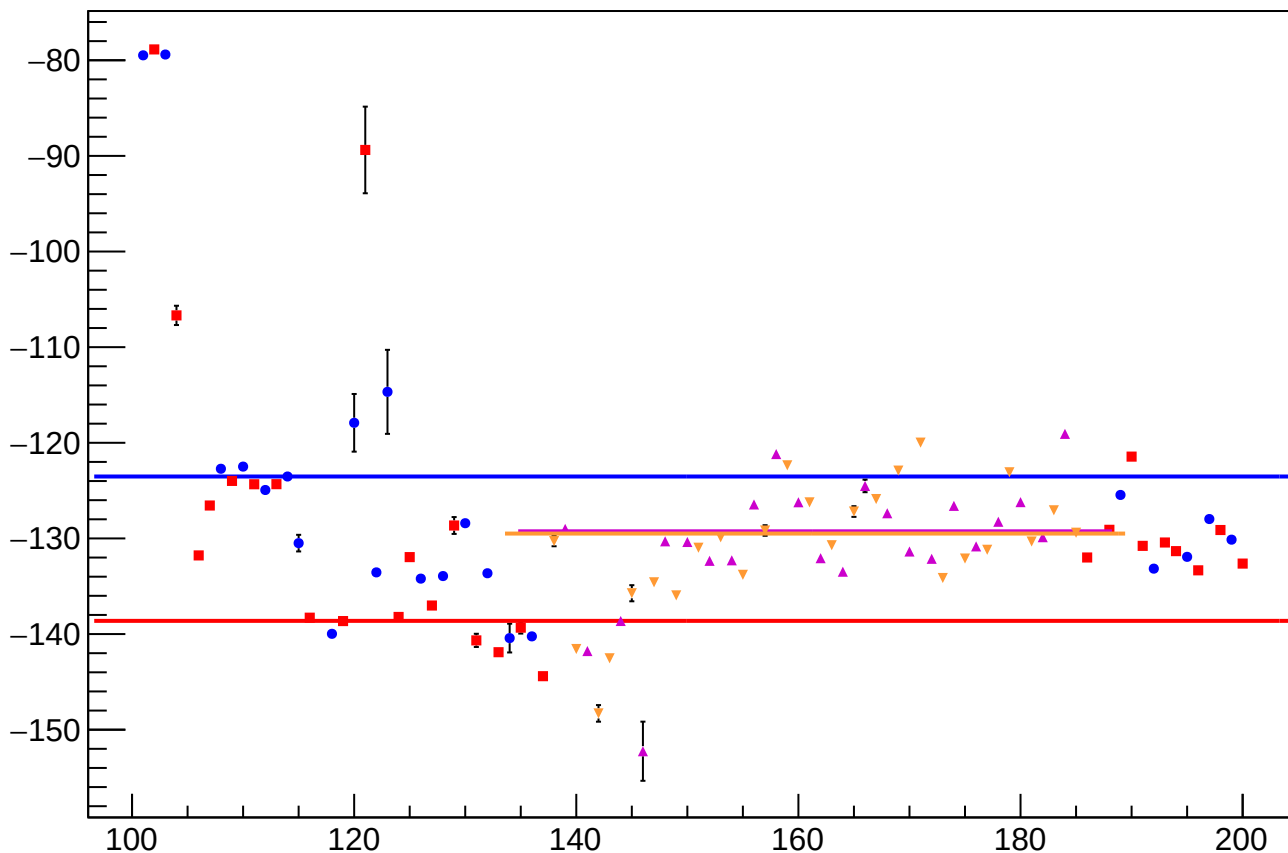
Left In: 86.310 $\pm$ 0.051 χ^2 /NDF: 8666.5/22

+ sign 83.573 $\pm$ 0.000 χ^2 /NDF: 61748.2/46

All: 83.573 $\pm$ 0.000 χ^2 /NDF: 247115.5/96

- sign 89.369 $\pm$ 0.019 χ^2 /NDF: 90655.2/49

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 χ^2/NDF : 179727.9/21

Left Out: -129.492 ± 0.059 χ^2/NDF : 10775.3/24

Right Out: -138.620 ± 0.016 χ^2/NDF : 300159.7/26

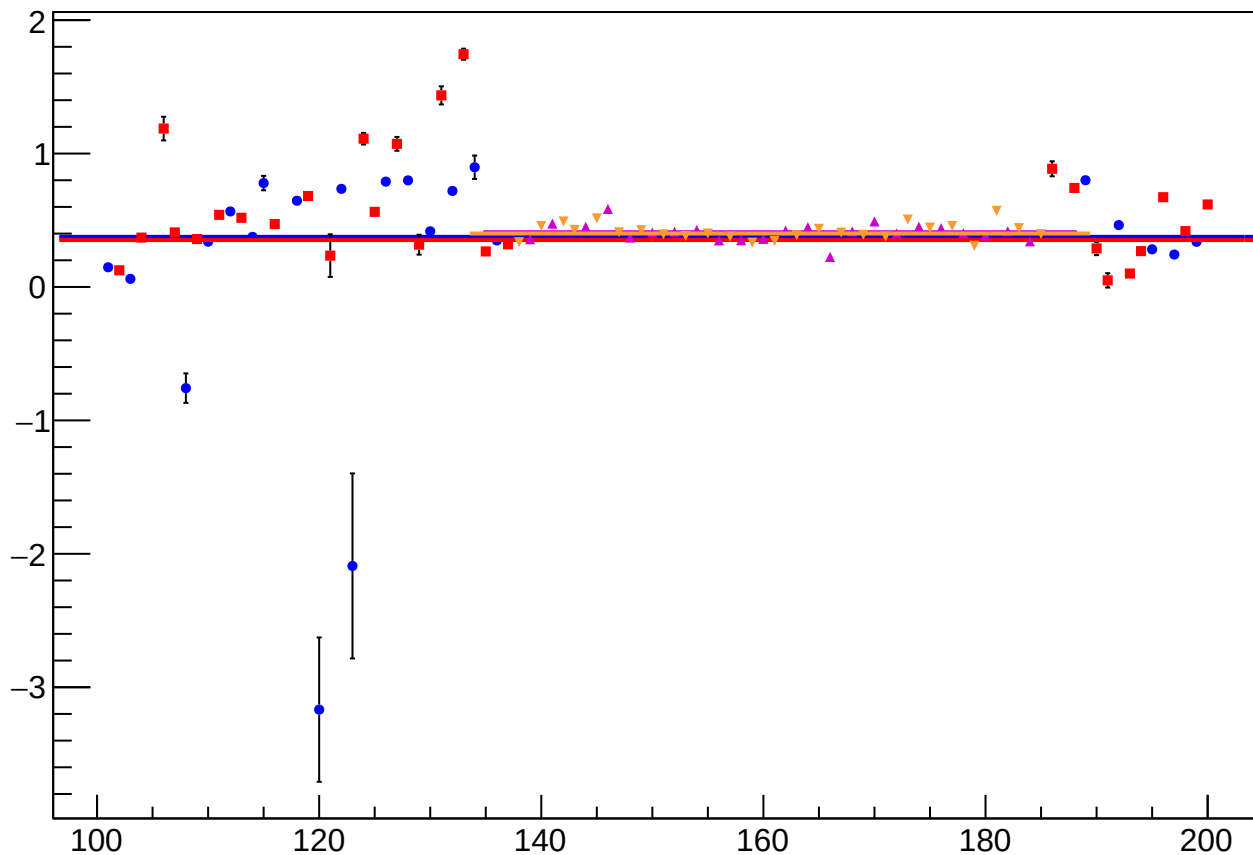
Left In: -129.256 ± 0.052 χ^2/NDF : 6558.2/22

+ sign -123.524 ± 0.000 χ^2/NDF : 200662.9/46

All: -123.524 ± 0.000 χ^2/NDF : 1379736.7/96

- sign -137.771 ± 0.016 χ^2/NDF : 336725.1/49

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 4320.2/21

Left Out: 0.401 $\pm$ 0.000 χ^2 /NDF: 9030.9/24

Right Out: 0.352 $\pm$ 0.001 χ^2 /NDF: 6828.1/26

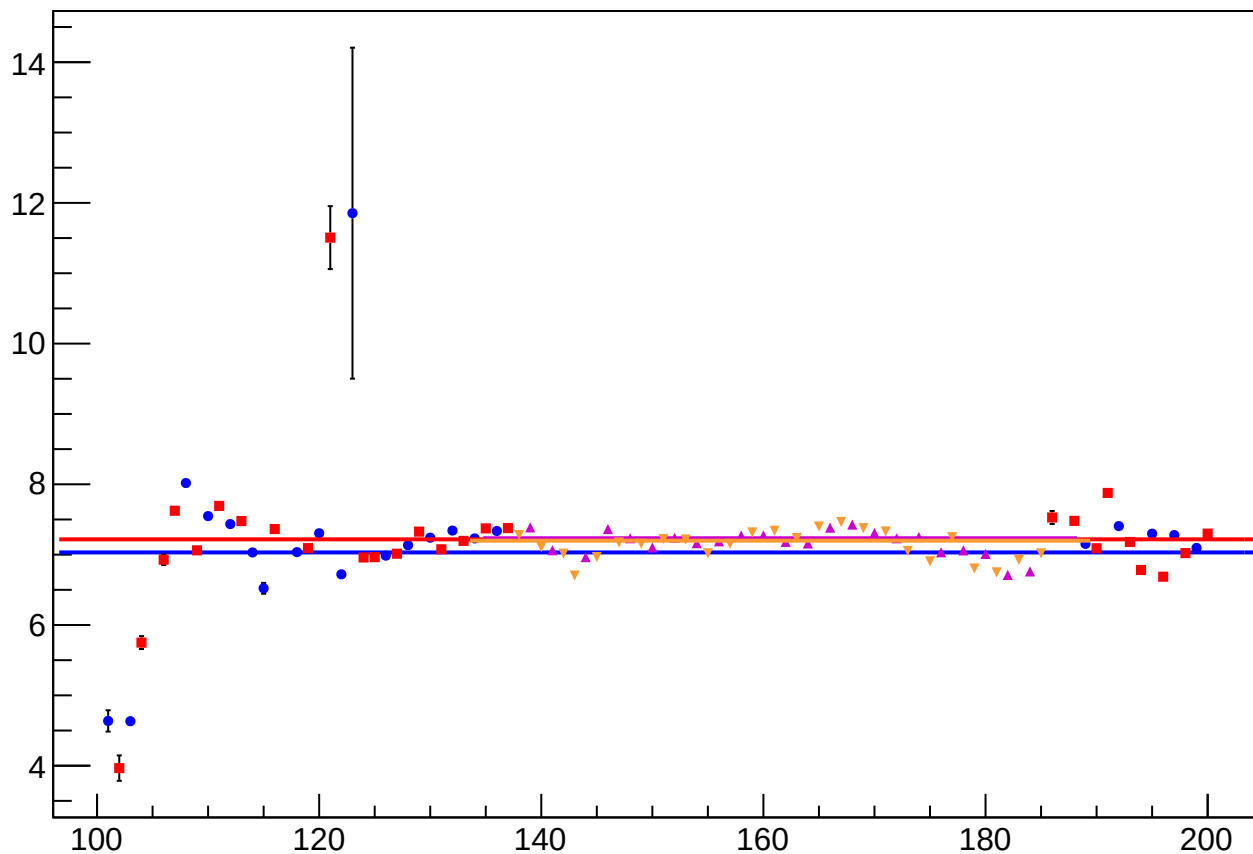
Left In: 0.410 $\pm$ 0.000 χ^2 /NDF: 8478.2/22

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 15860.6/46

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 37337.6/96

- sign 0.405 $\pm$ 0.000 χ^2 /NDF: 16813.6/49

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 20651.3/21

Left Out: 7.199 $\pm$ 0.001 χ^2 /NDF:37453.7/24

Right Out: 7.218 $\pm$ 0.002 χ^2 /NDF: 10770.7/26

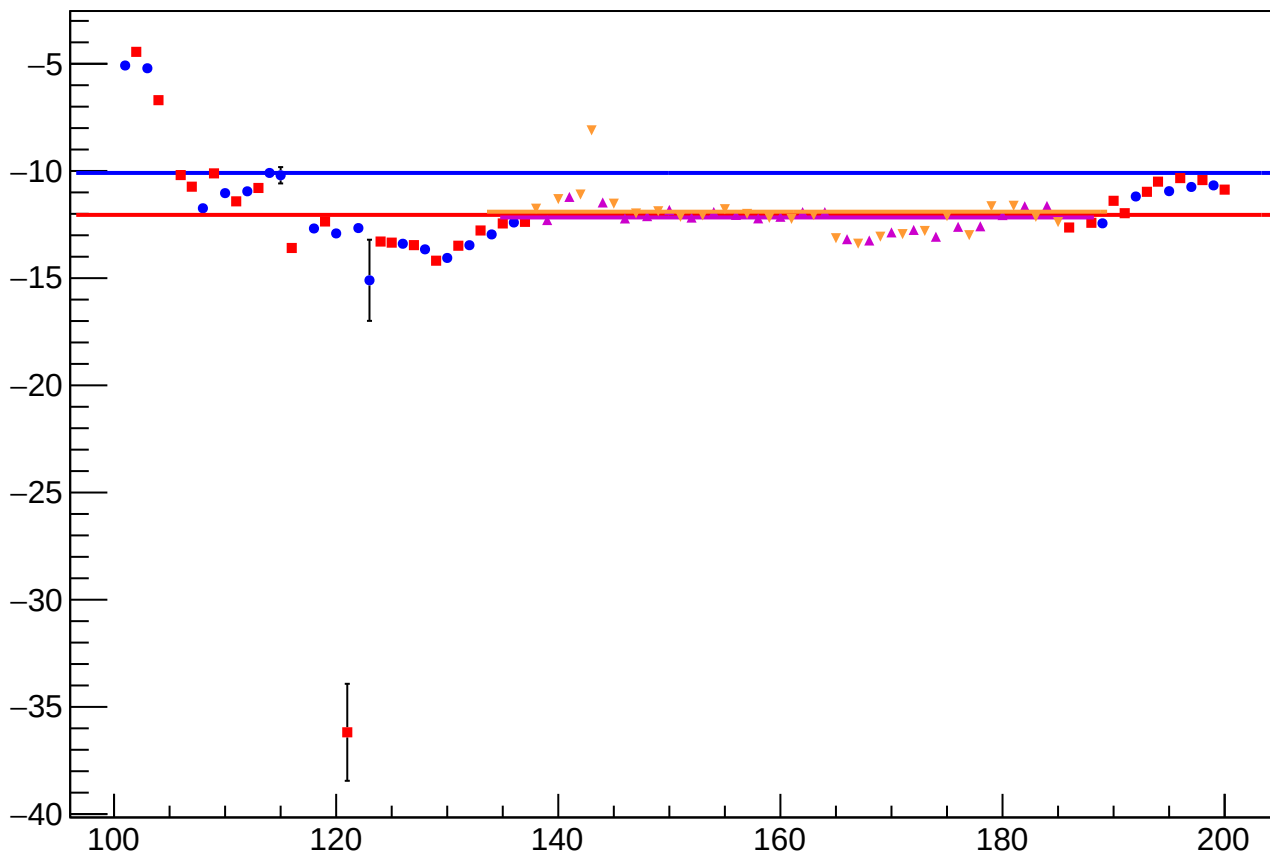
Left In: 7.233 $\pm$ 0.001 χ^2 /NDF:23085.0/22

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 92456.1/46

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 192025.8/96

- sign 7.231 $\pm$ 0.001 χ^2 /NDF: 33897.6/49

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 553866.7/21

Left Out: -11.899 ± 0.002 χ^2/NDF : 498866.6/24

Right Out: -12.049 ± 0.003 χ^2/NDF : 164349.9/26

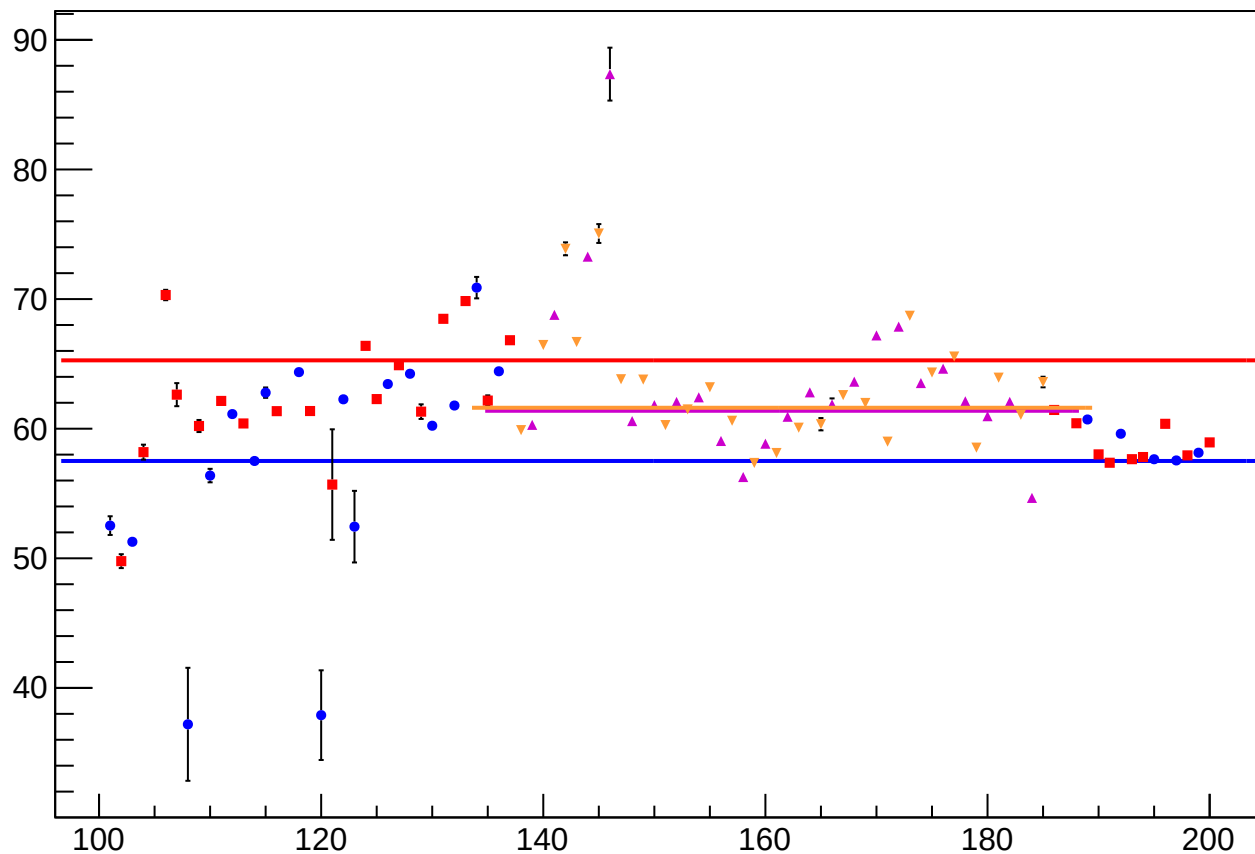
Left In: -12.169 ± 0.002 χ^2/NDF : 49568.3/22

+ sign -10.092 ± 0.000 χ^2/NDF : 2195830.3/46

All: -10.092 ± 0.000 χ^2/NDF : 4275352.3/96

- sign -12.142 ± 0.002 χ^2/NDF : 215037.8/49

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 9370.0/21

Left Out: 61.615 $\pm$ 0.039 χ^2 /NDF: 7756.9/24

Right Out: 65.272 $\pm$ 0.012 χ^2 /NDF: 74243.4/26

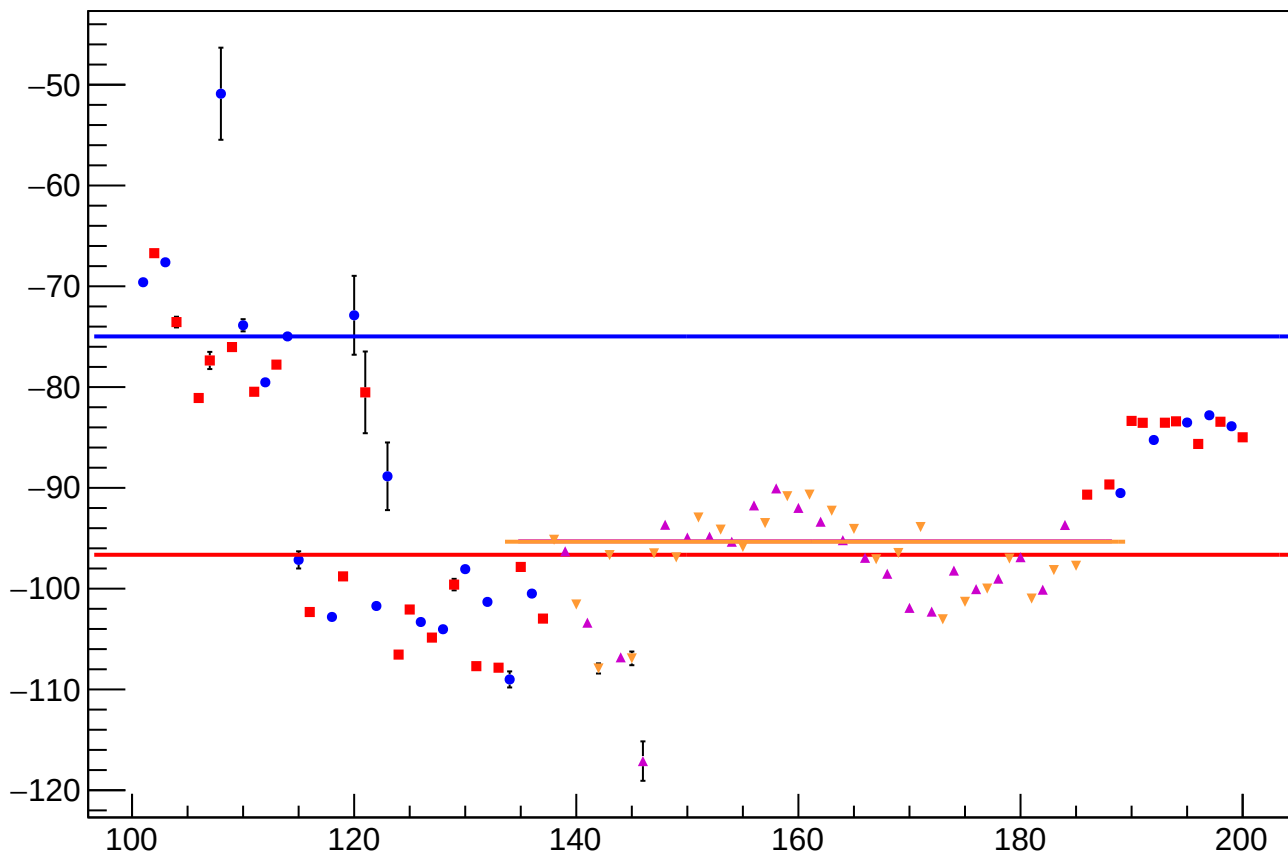
Left In: 61.383 $\pm$ 0.033 χ^2 /NDF: 8900.0/22

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 28267.8/46

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 549525.0/96

- sign 64.813 $\pm$ 0.011 χ^2 /NDF: 95726.1/49

dit_sam8_4eX_slope vs Slug



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 206949.0/21

Left Out: -95.342 $\pm$ 0.039 χ^2 /NDF: 9387.4/24

Right Out: -96.639 $\pm$ 0.015 χ^2 /NDF: 378346.3/26

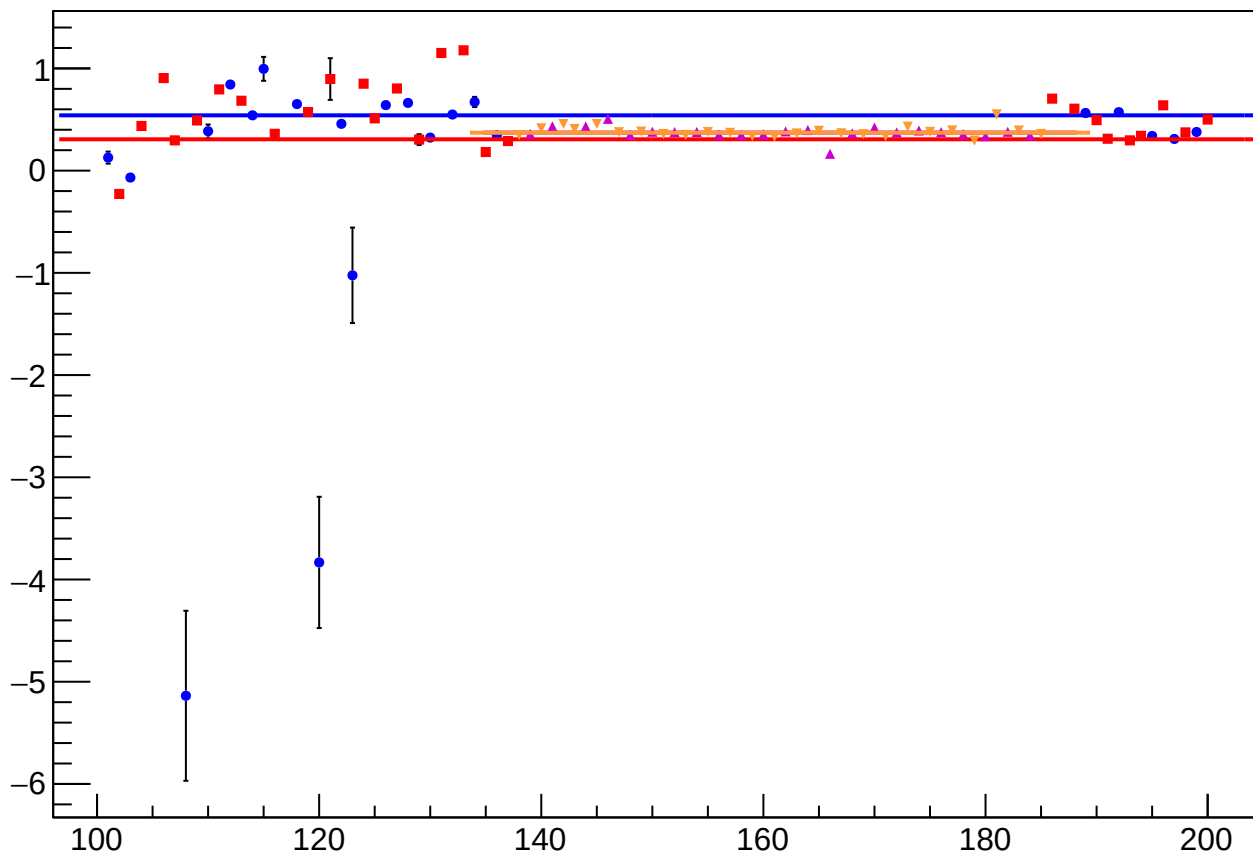
Left In: -95.301 $\pm$ 0.033 χ^2 /NDF: 11271.5/22

+ sign -74.974 $\pm$ 0.000 χ^2 /NDF: 493297.7/46

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 3455501.2/96

- sign -96.422 $\pm$ 0.013 χ^2 /NDF: 390977.7/49

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF : 30908.2/21

Left Out: 0.371+/-0.000 χ^2/NDF : 6797.7/24

Right Out: 0.307+/-0.001 χ^2/NDF : 11980.9/26

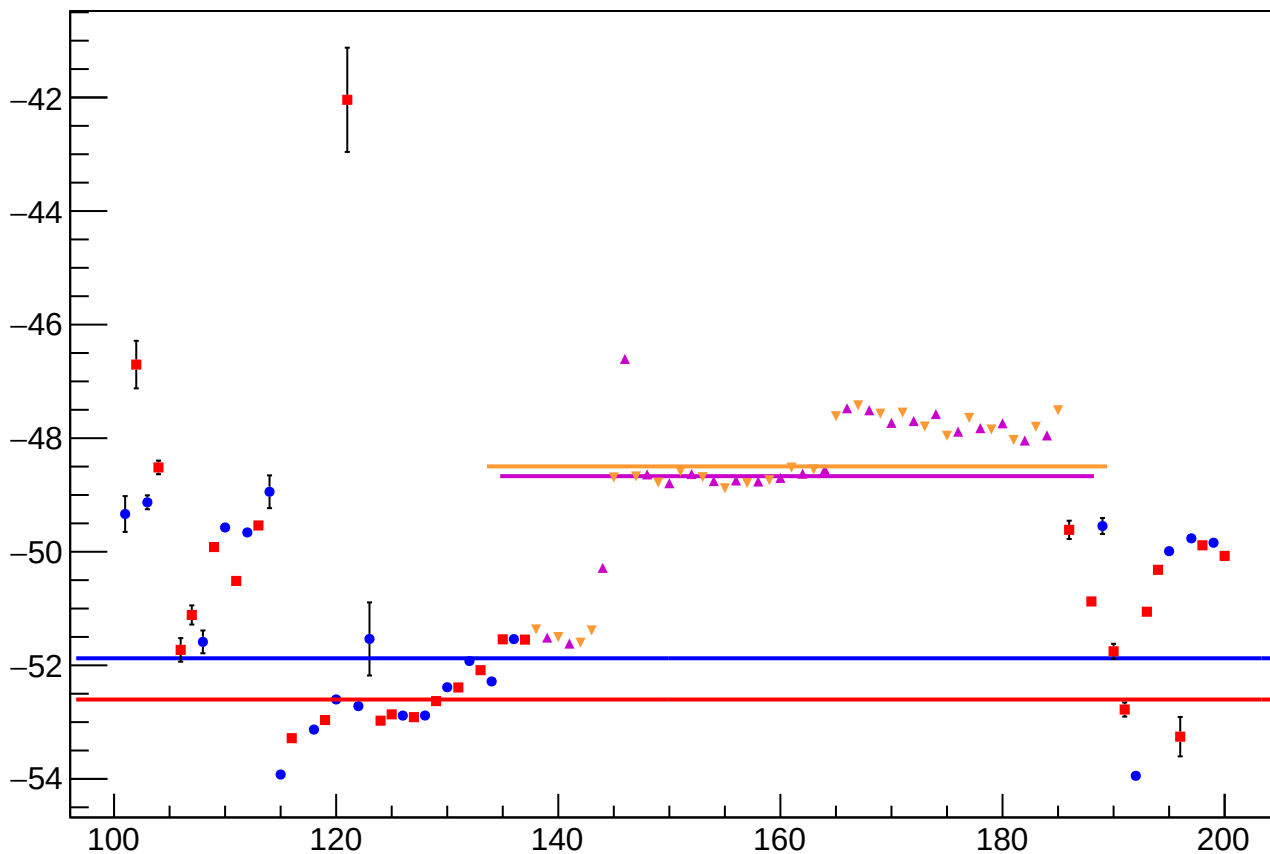
Left In: 0.372+/-0.000 χ^2/NDF : 6020.6/22

+ sign 0.541+/-0.000 χ^2/NDF : 249019.4/46

All: 0.541+/-0.000 χ^2/NDF : 653863.1/96

- sign 0.364+/-0.000 χ^2/NDF : 23991.7/49

dit_sam8_4aY_slope vs Slug



Right In: -51.876 ± 0.002 χ^2/NDF : 83789.3/21

Left Out: -48.497 ± 0.001 χ^2/NDF : 699790.4/24

Right Out: -52.602 ± 0.003 χ^2/NDF : 87974.9/26

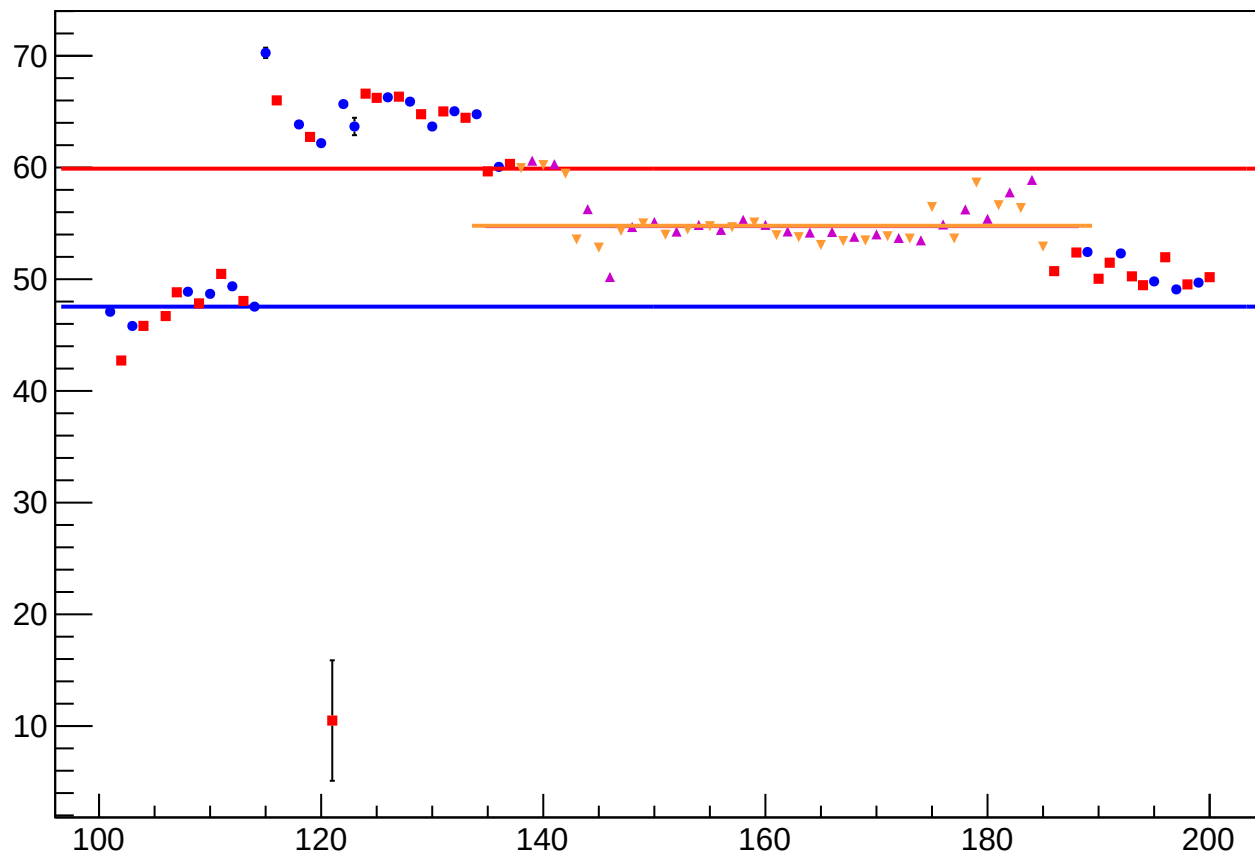
Left In: -48.669 ± 0.001 χ^2/NDF : 809321.2/22

+ sign -49.129 ± 0.001 χ^2/NDF : 2666237.7/46

All: -49.139 ± 0.001 χ^2/NDF : 5708682.6/96

- sign -49.147 ± 0.001 χ^2/NDF : 3042271.3/49

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3612338.1/21

Left Out: 54.787 $\pm$ 0.003 χ^2 /NDF:301226.3/24

Right Out: 59.898 $\pm$ 0.006 χ^2 /NDF: 1085691.4/26

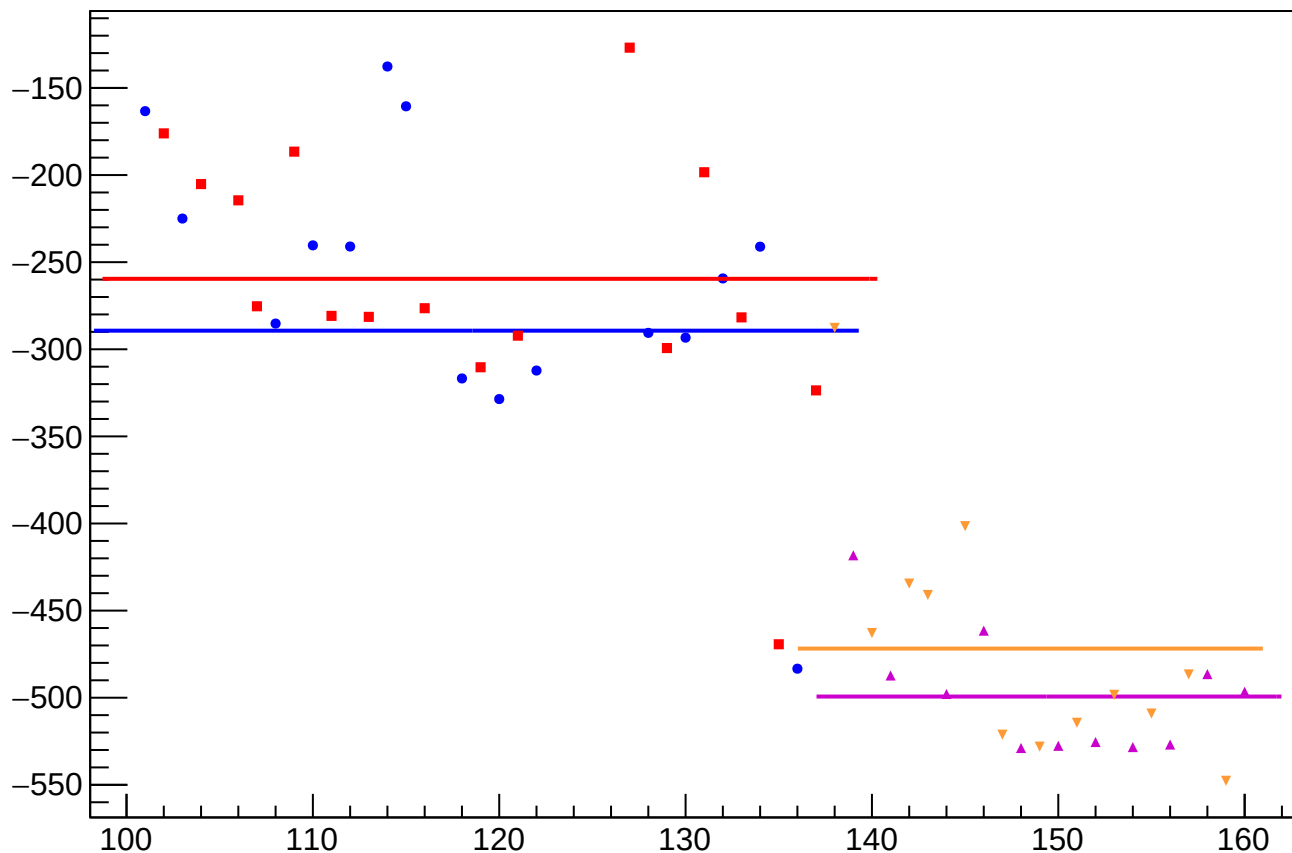
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF:100763.3/22

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9961188.9/46

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 22417984.6/96

- sign 55.468 $\pm$ 0.002 χ^2 /NDF: 1726296.7/49

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

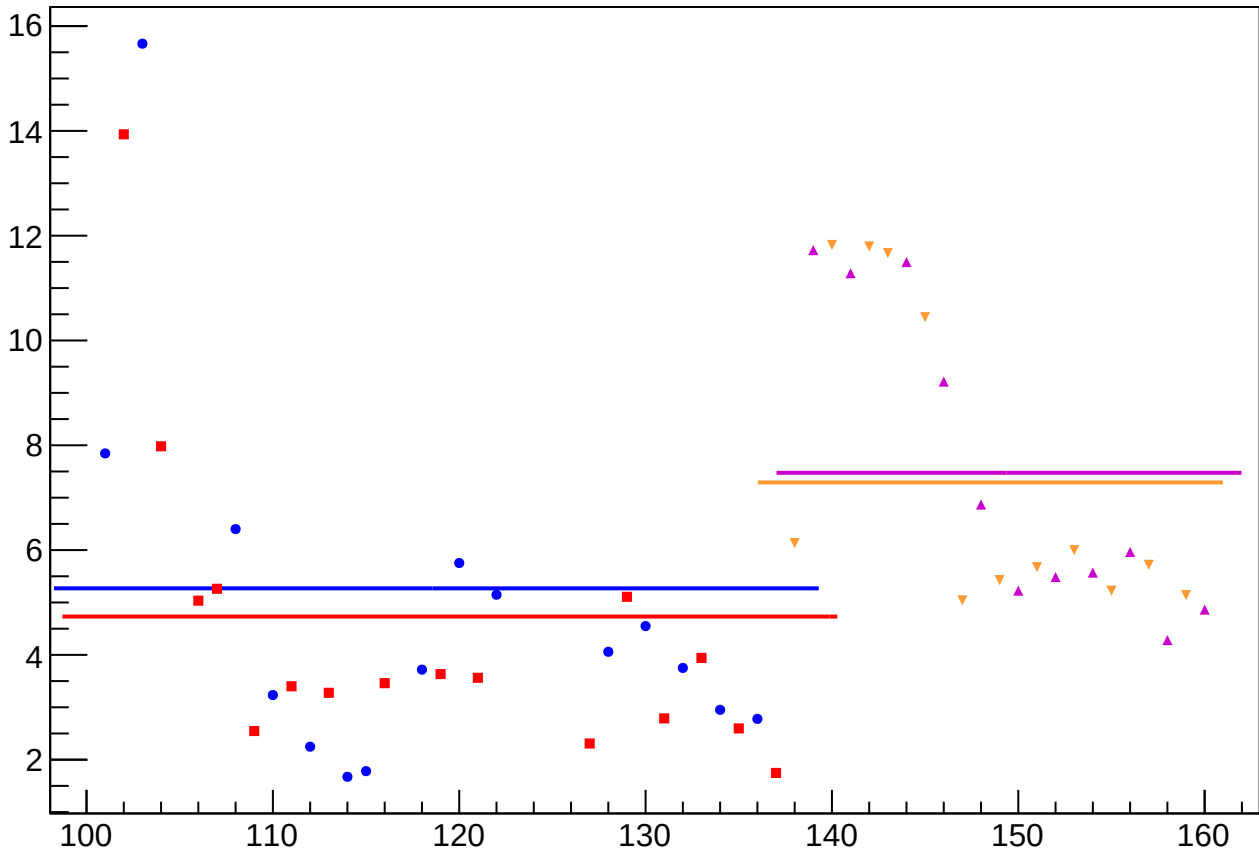
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

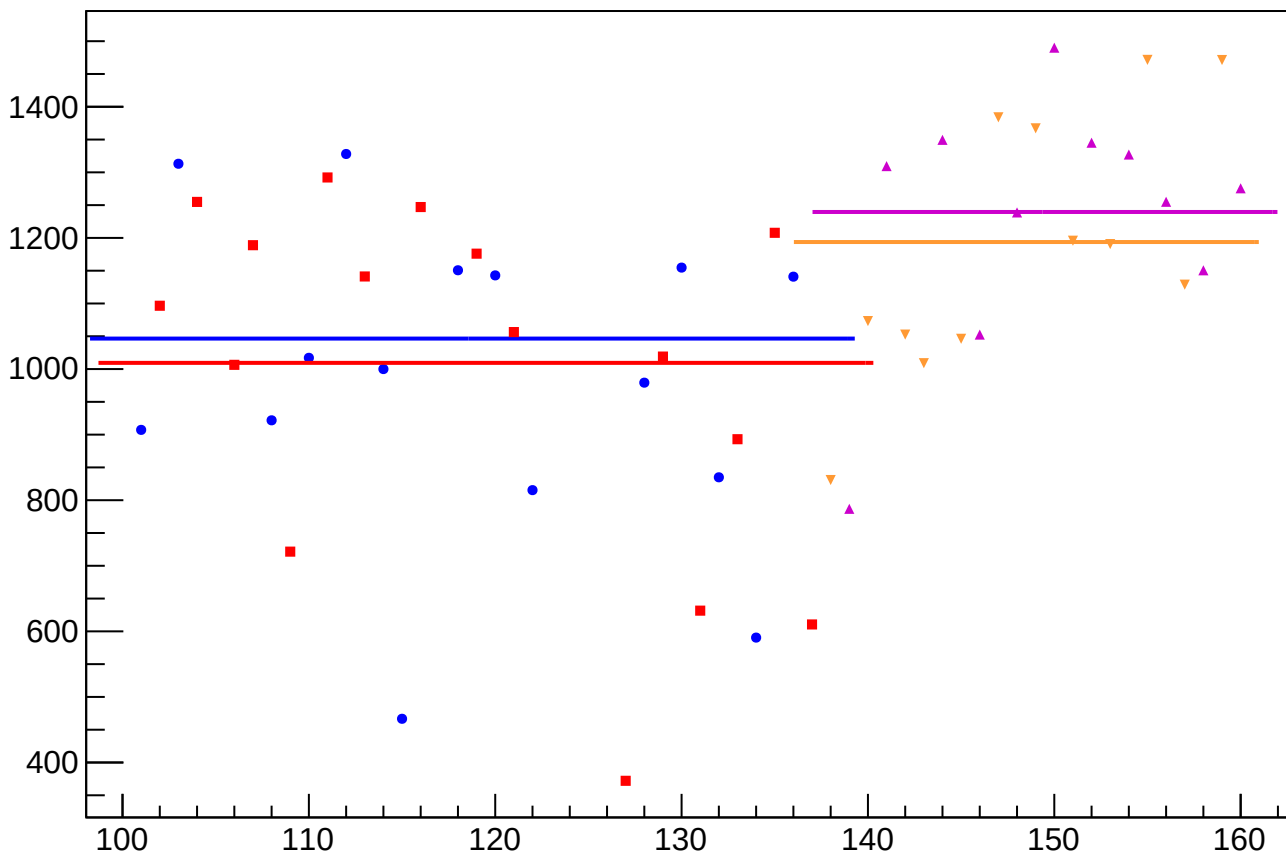
- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



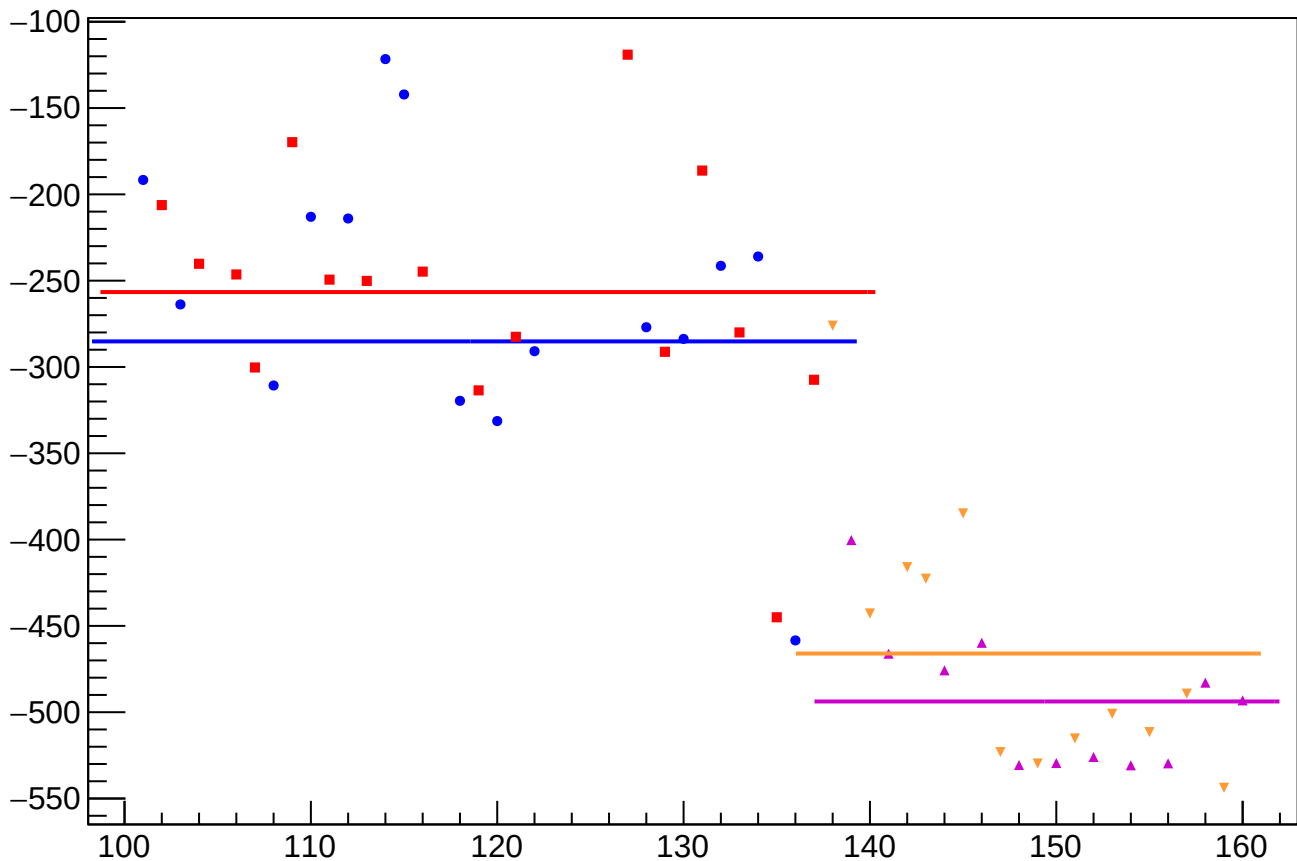
Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14	+ sign 6.452+/-0.000	χ^2/NDF : 16978559973735600
Left Out: 7.291+/-0.000	χ^2/NDF : 6718053515172863885836432351166464.0/11	All: 6.388+/-0.000	χ^2/NDF : 33820915421032
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15	- 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	+ 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_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

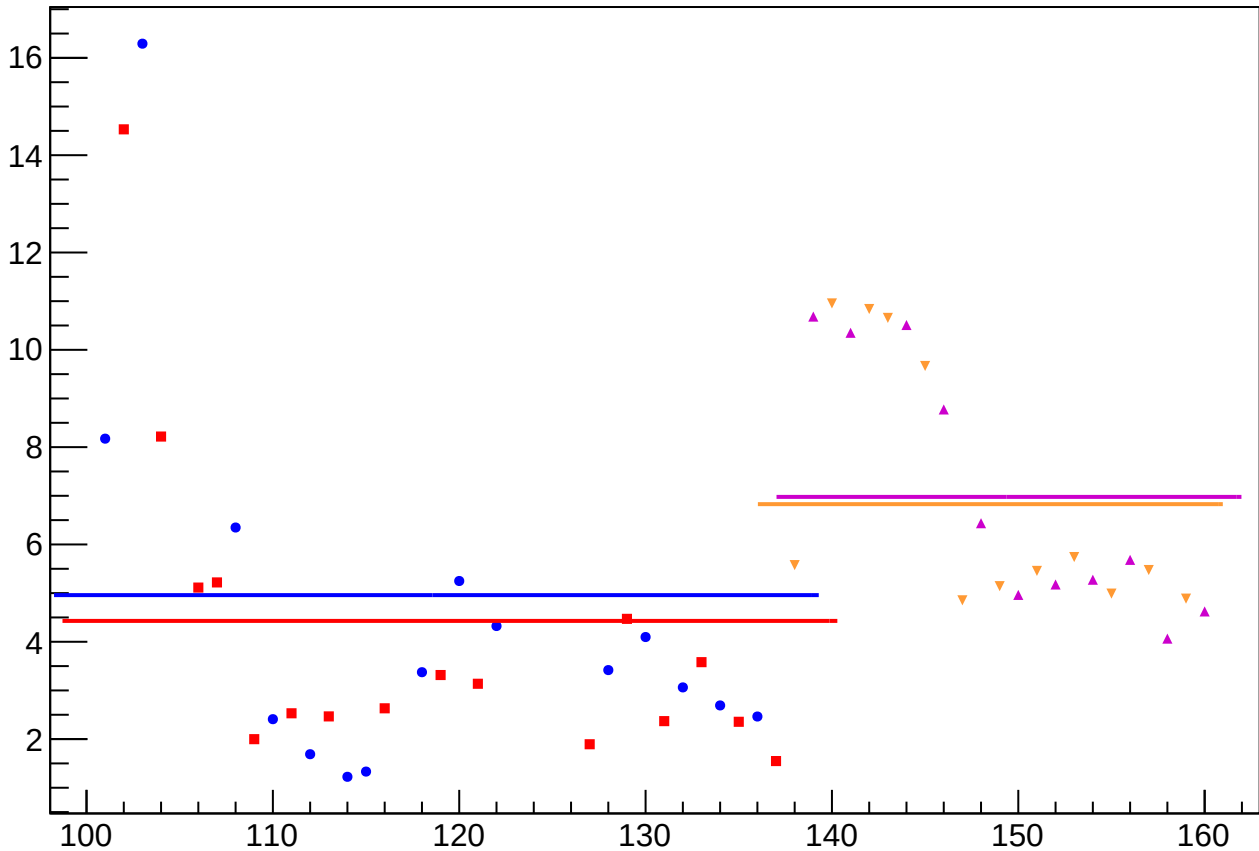
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ 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



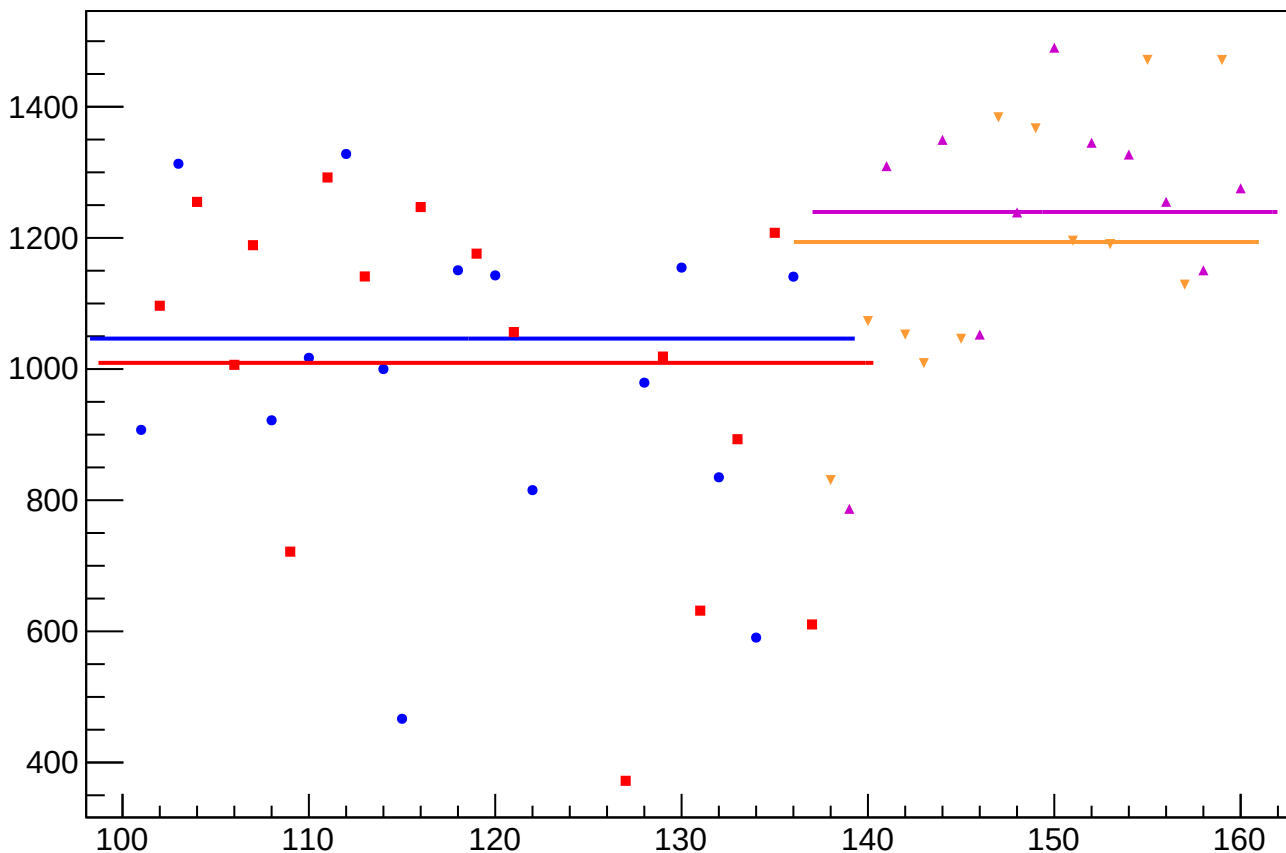
Right In: 4.959 ± 0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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

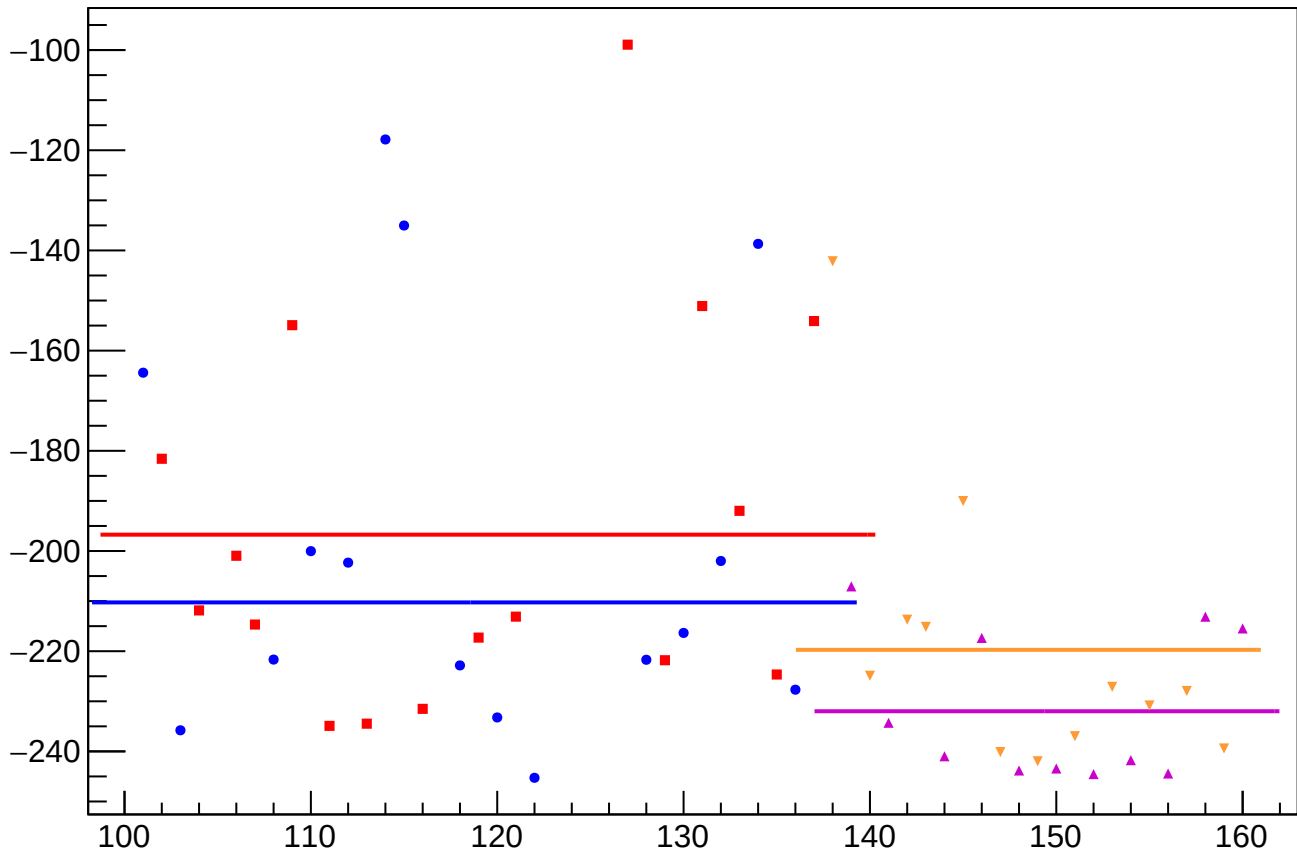
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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_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

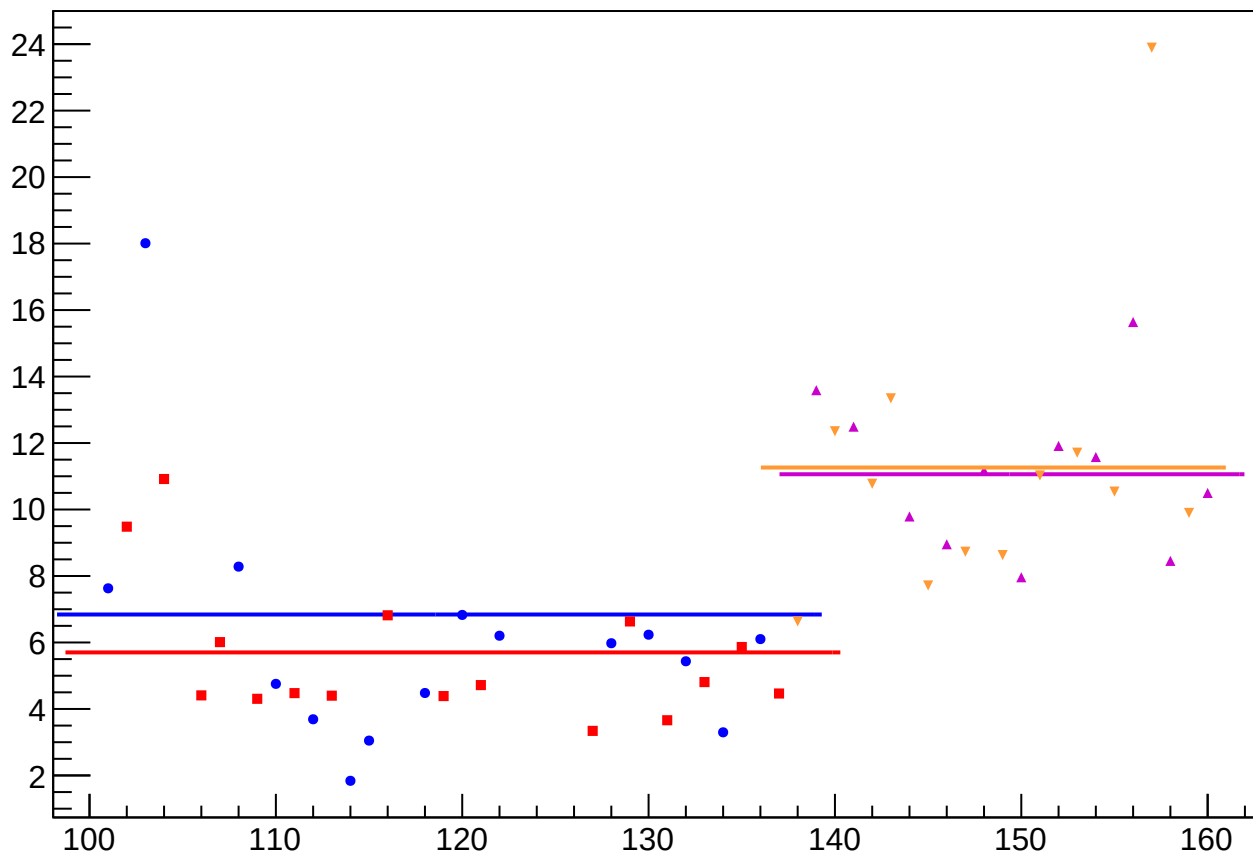
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.798+/-0.000 χ^2/NDF : 12928194150556

All: -216.509+/-0.000 χ^2/NDF : 28682587905

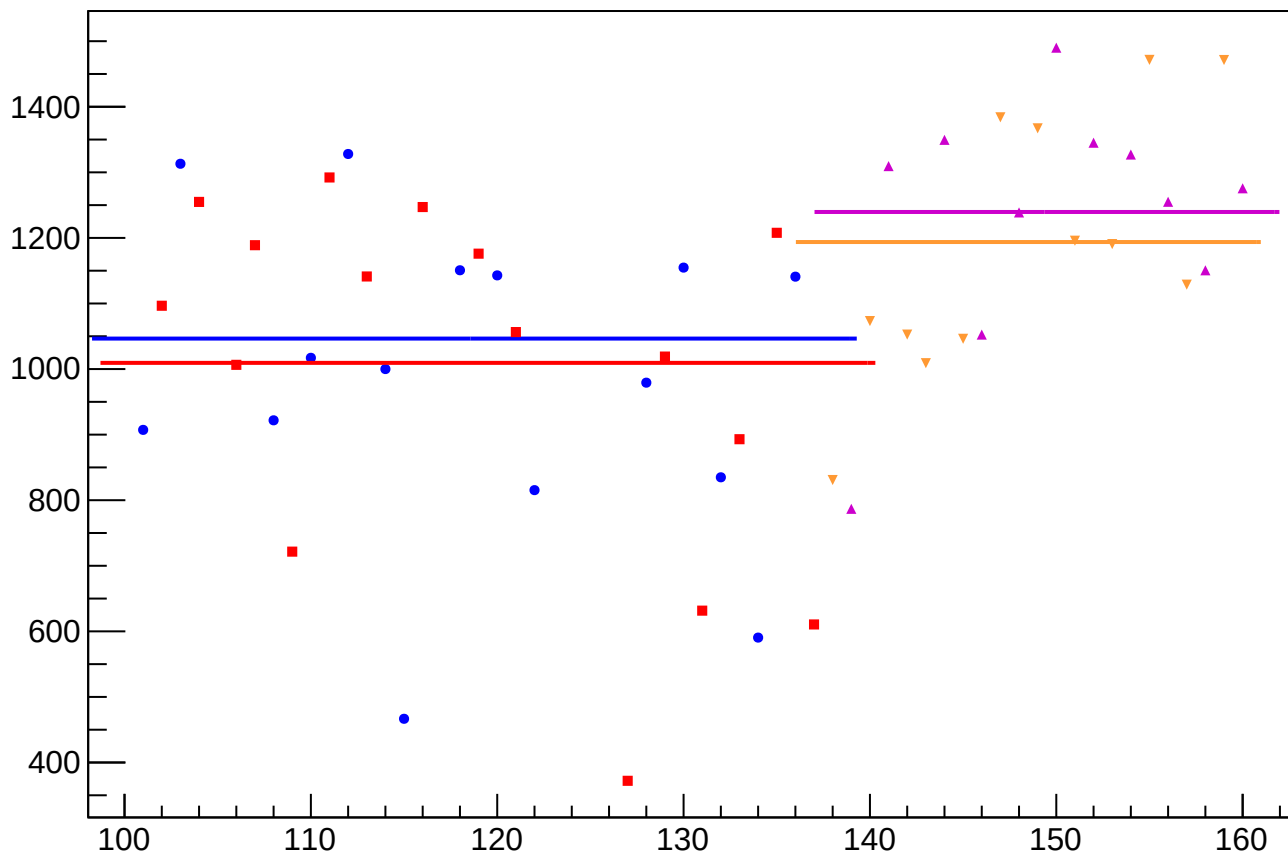
- sign -217.208+/-0.000 χ^2/NDF : 157387232918828

dit_11X12X_coil1_err_mean vs Slug



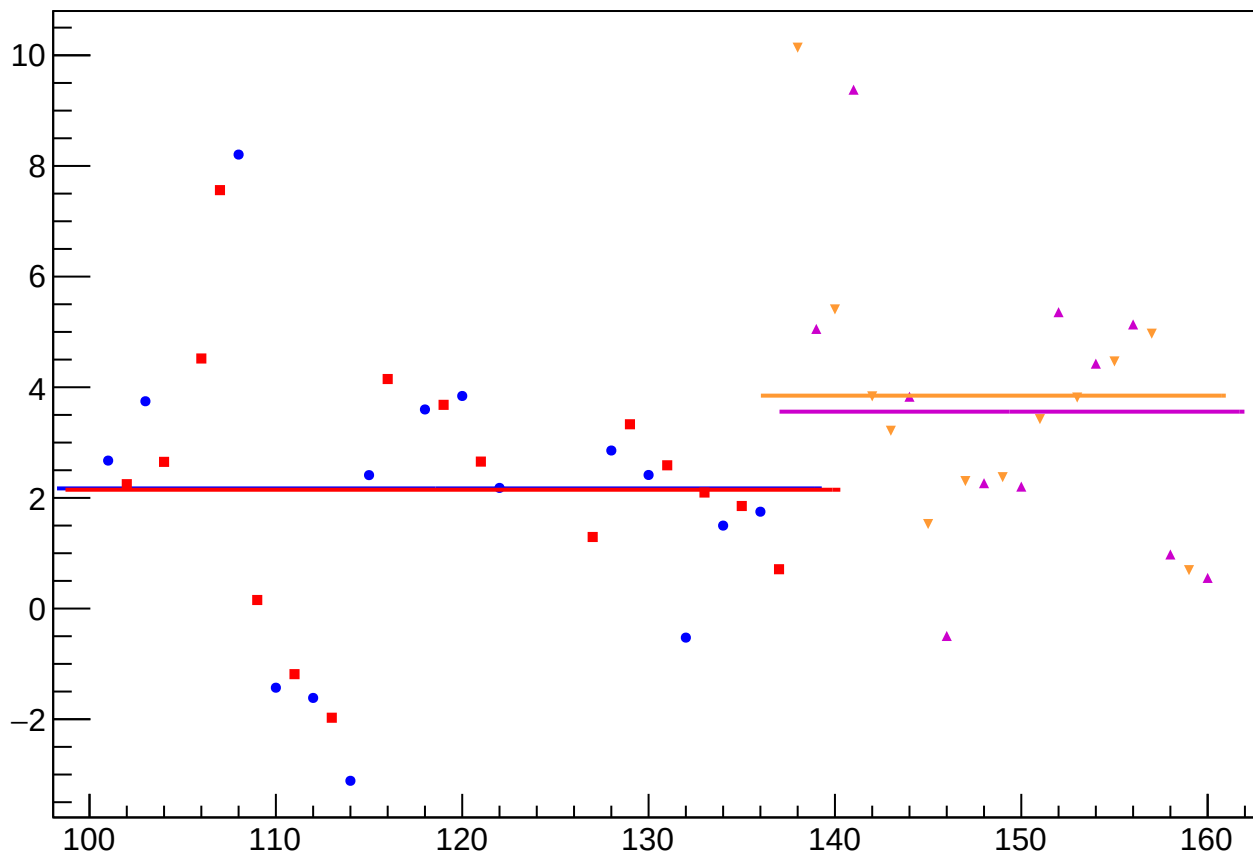
Right In: 6.842 ± 0.000 χ^2/NDF : 9355934166823324467316647620771840.0/14
 Left Out: 11.263 ± 0.000 χ^2/NDF : 16950484304495826735526537389408256.0/11
 Right Out: 5.701 ± 0.000 χ^2/NDF : 3174693398300953393137731791486976.0/15
 Left In: 11.061 ± 0.000 χ^2/NDF : 4417559387784954400311933713514496.0/10
 All: 9.118 ± 0.000 χ^2/NDF : 52742989230721
 + sign 9.427 ± 0.000 χ^2/NDF : 33726426520626408
 - 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	+ 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		

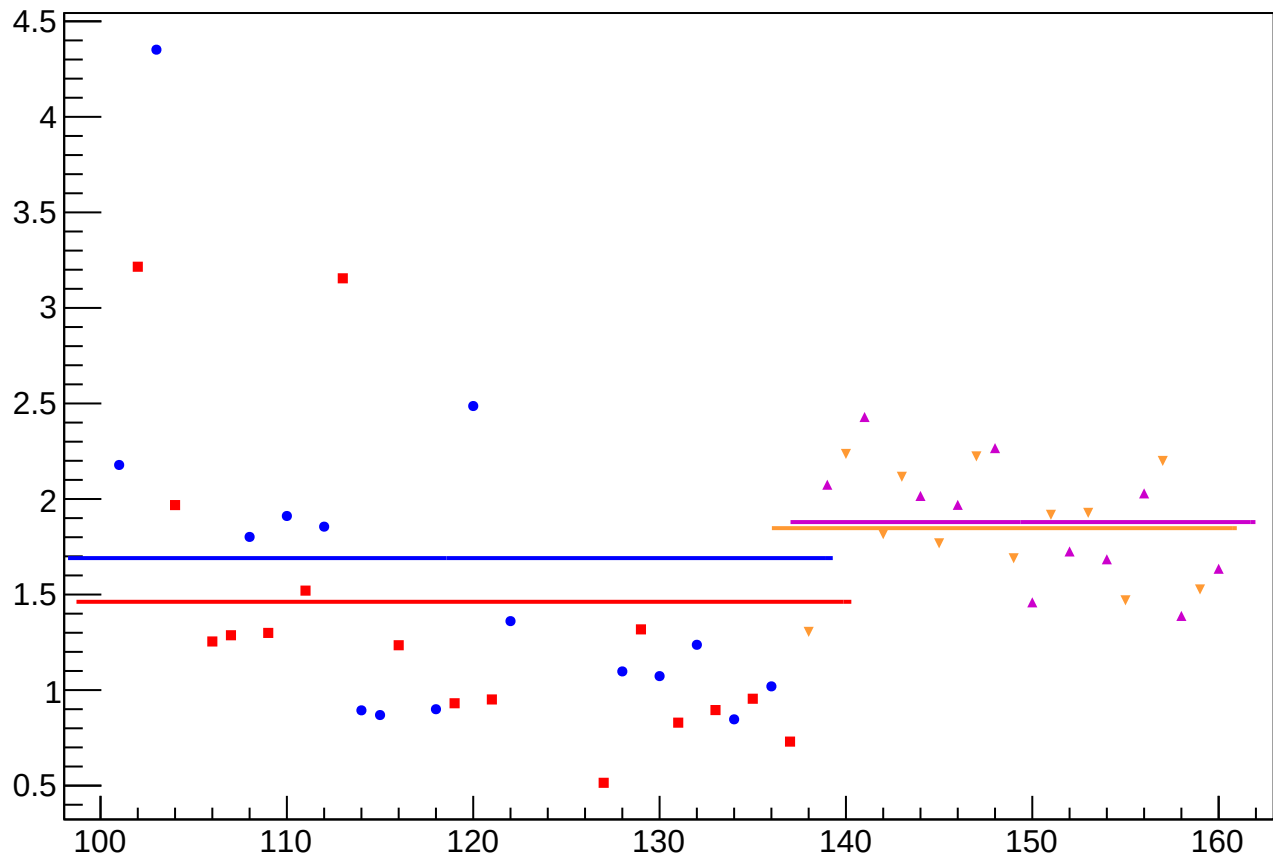
dit_4aY_coil1_mean vs Slug



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

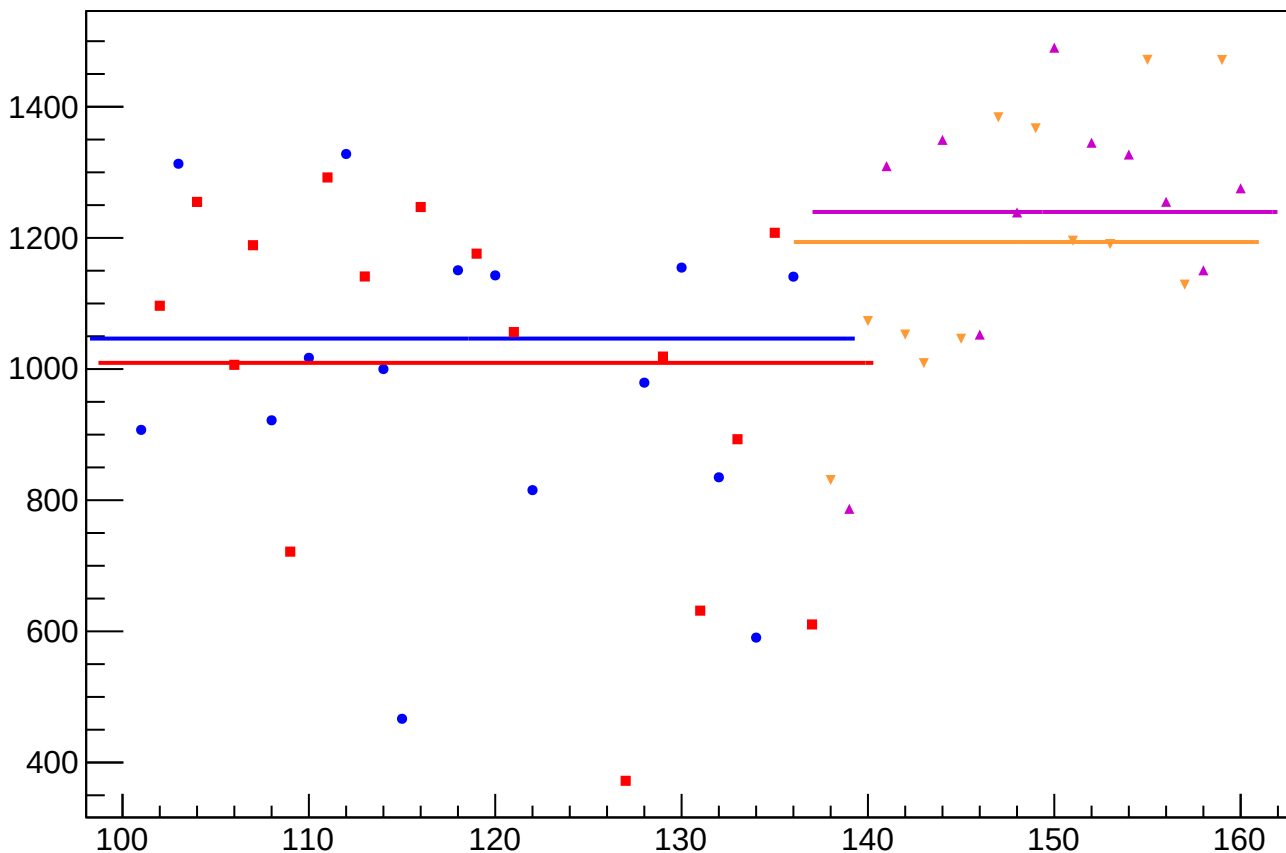
+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652
 All: 3.059+/-0.000 χ^2/NDF : 20091616900140
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

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

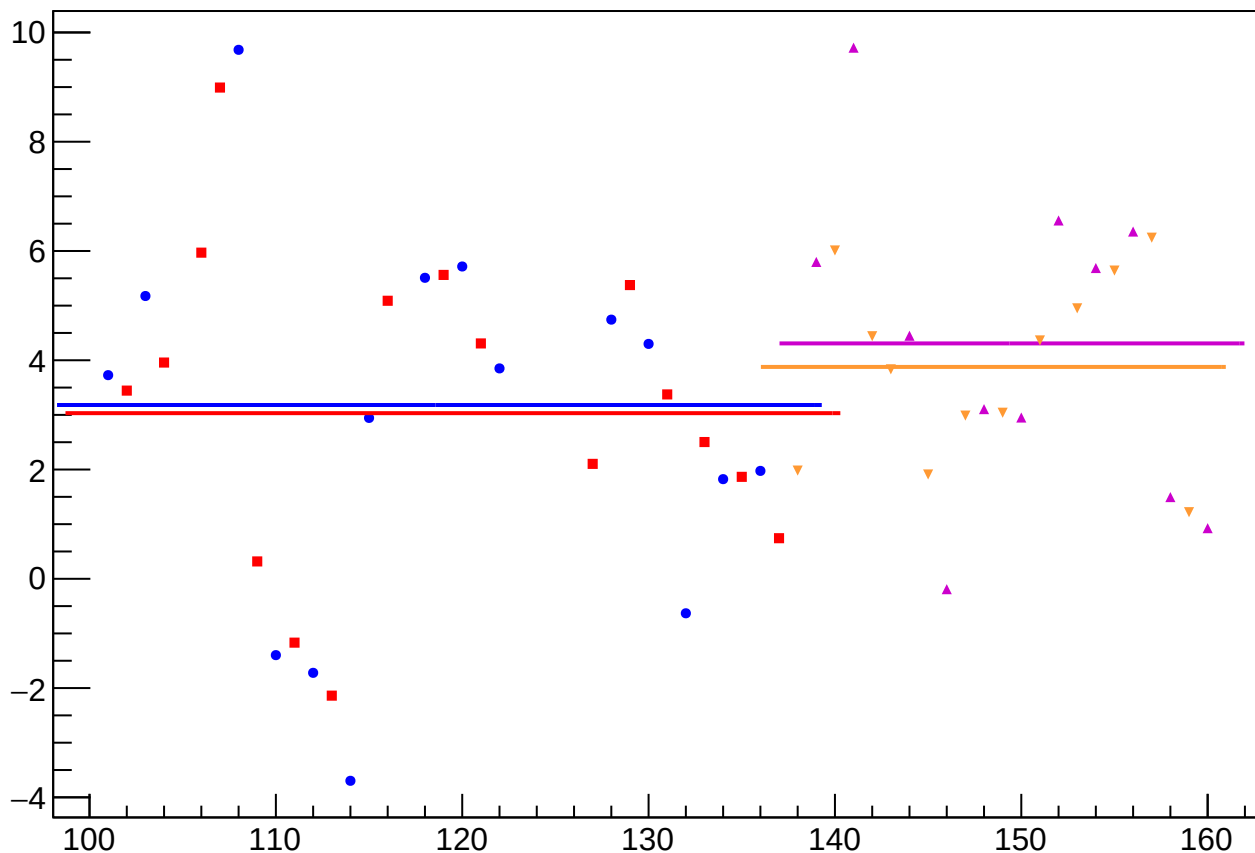
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

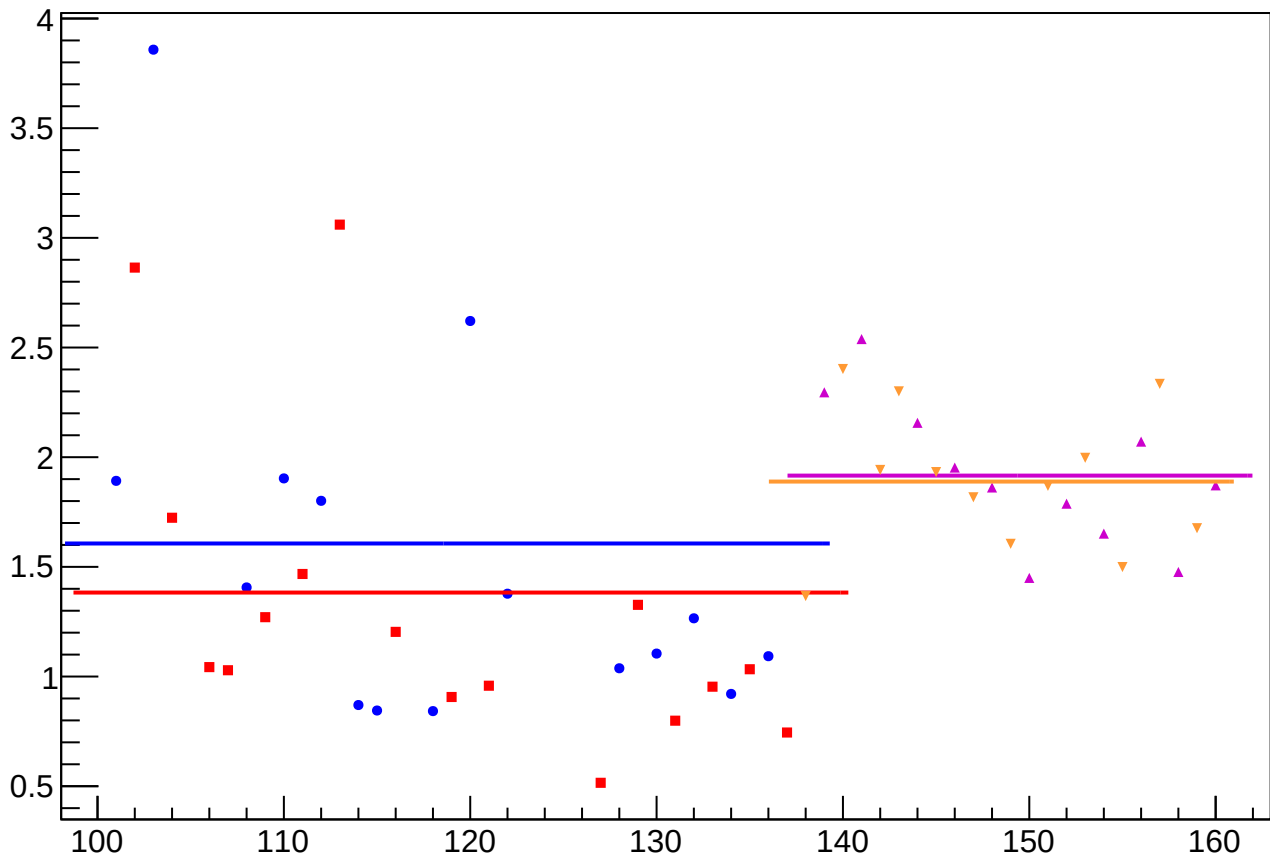
dit_4eY_coil1_mean vs Slug



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



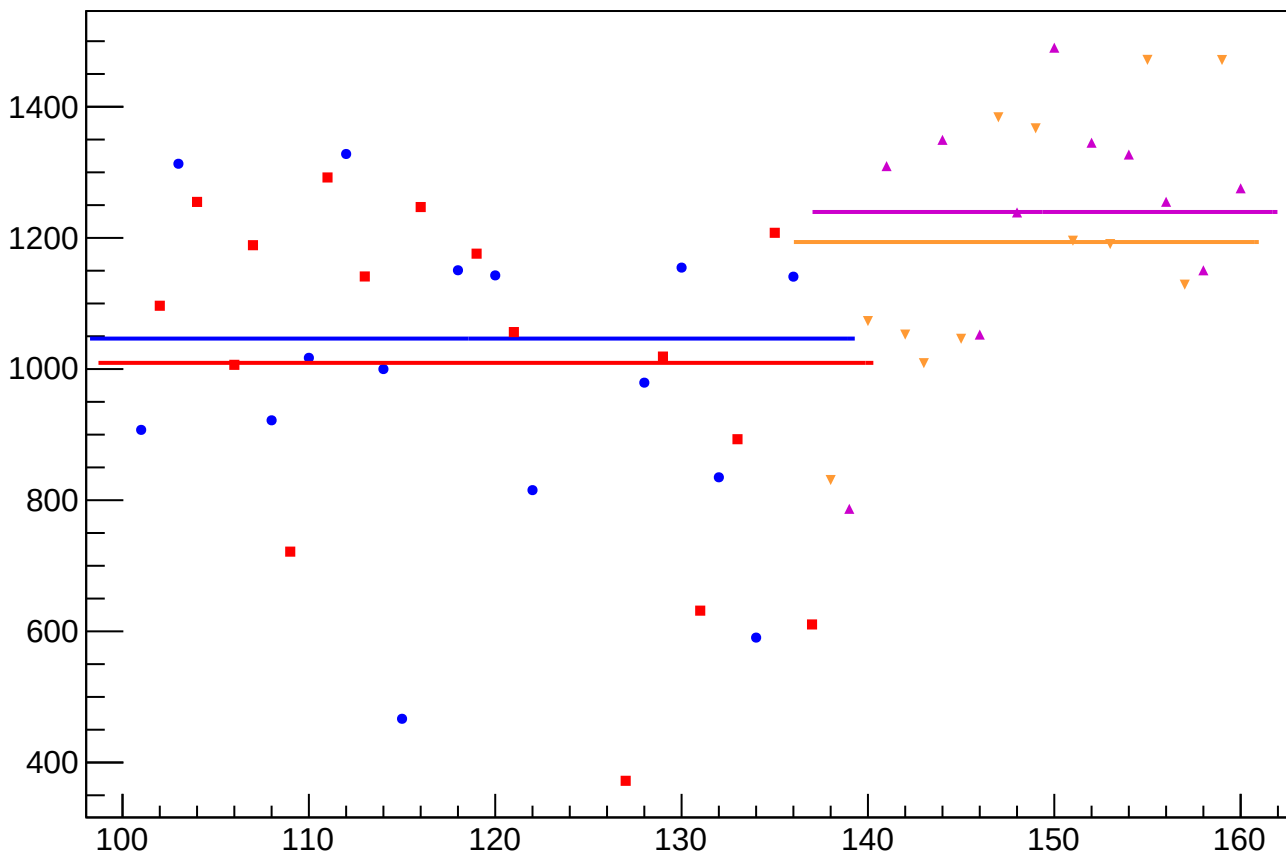
Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

dit_4eY_coil1_Ndata_mean vs Slug



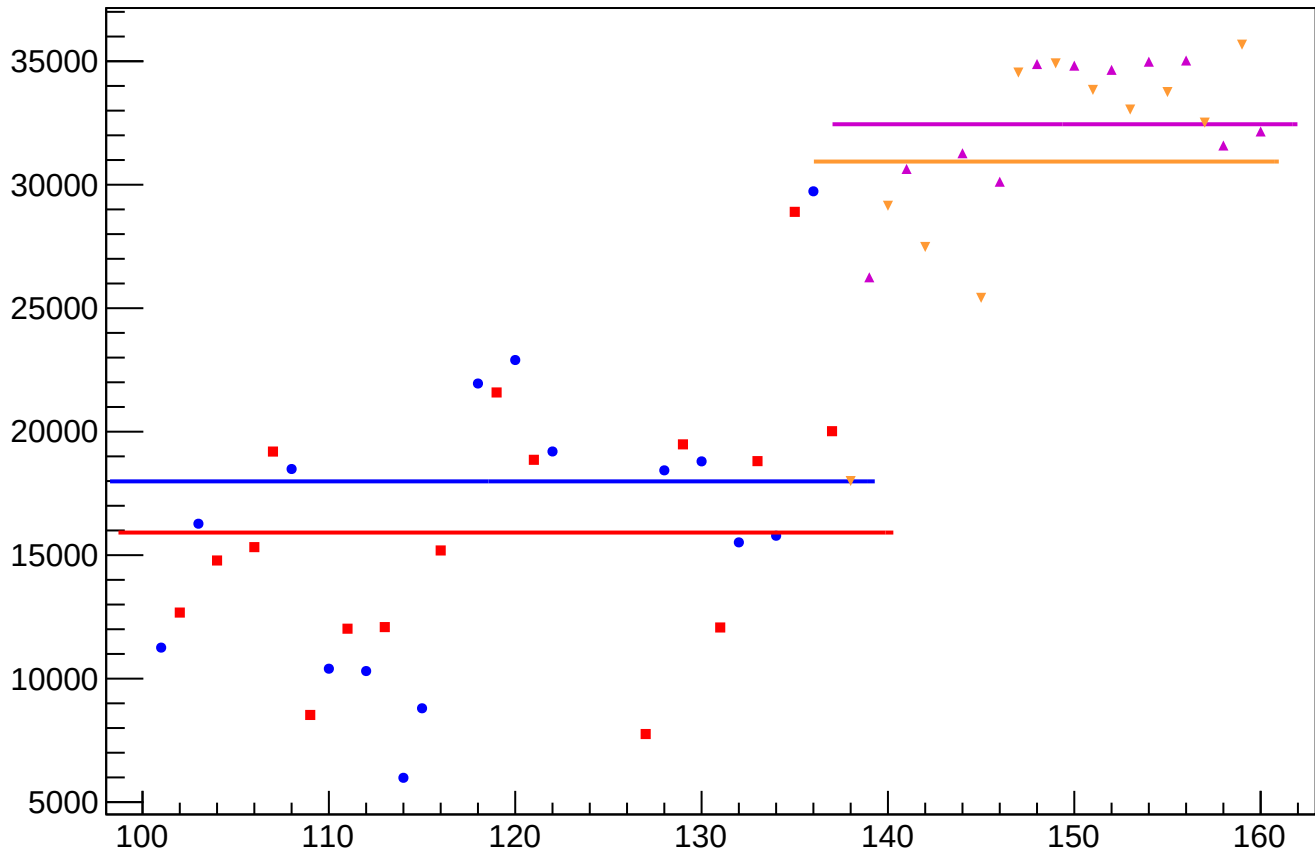
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

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

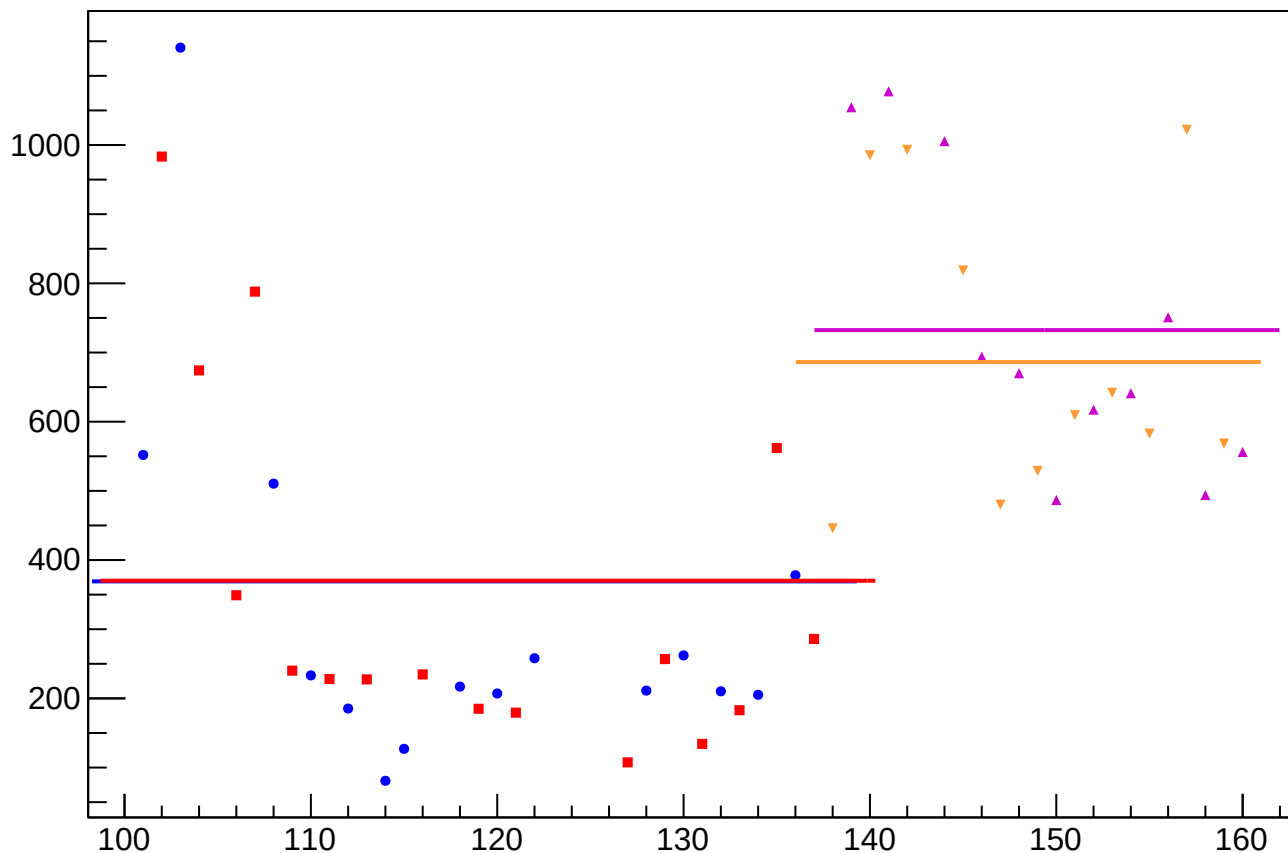
dit_usl_coil1_mean vs Slug



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

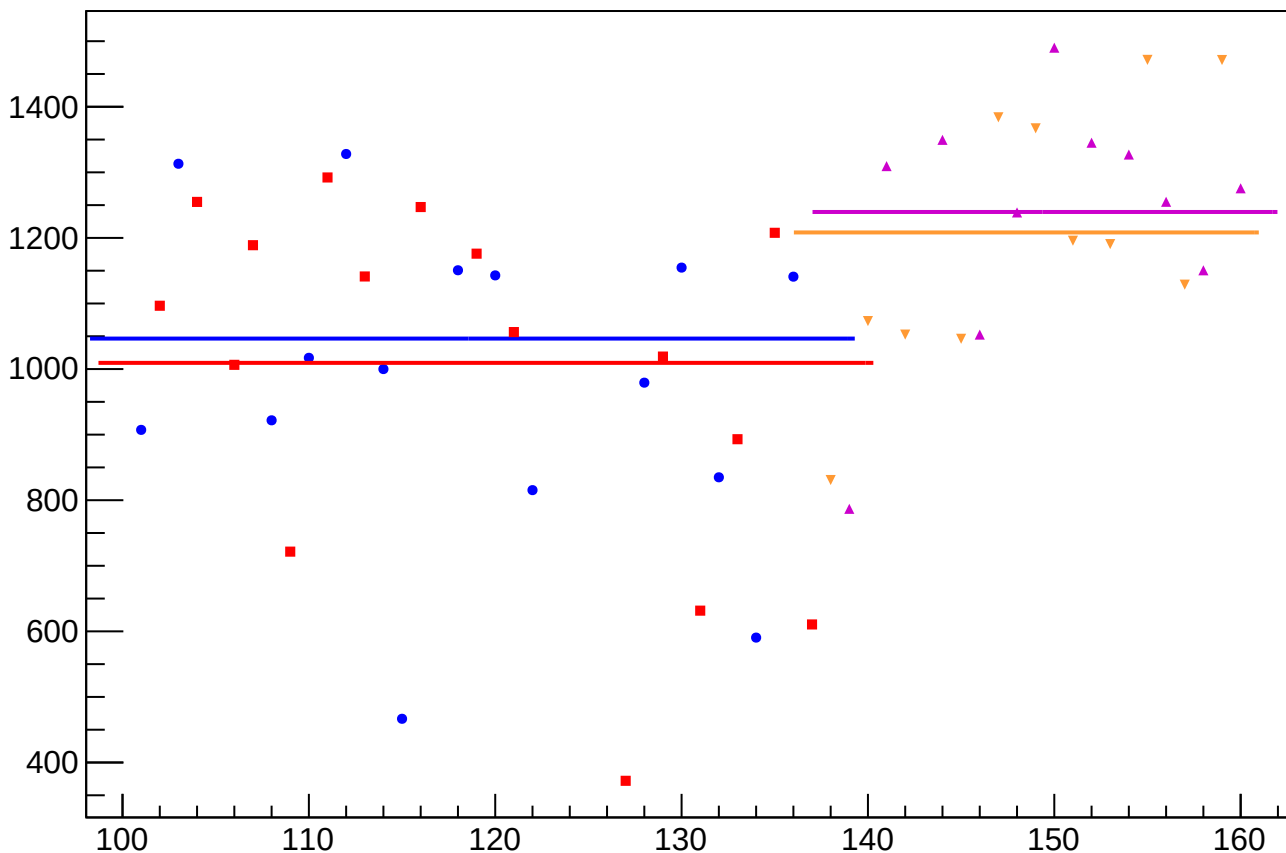
All: 565.091+/-0.000 χ^2/NDF : 259202401082

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

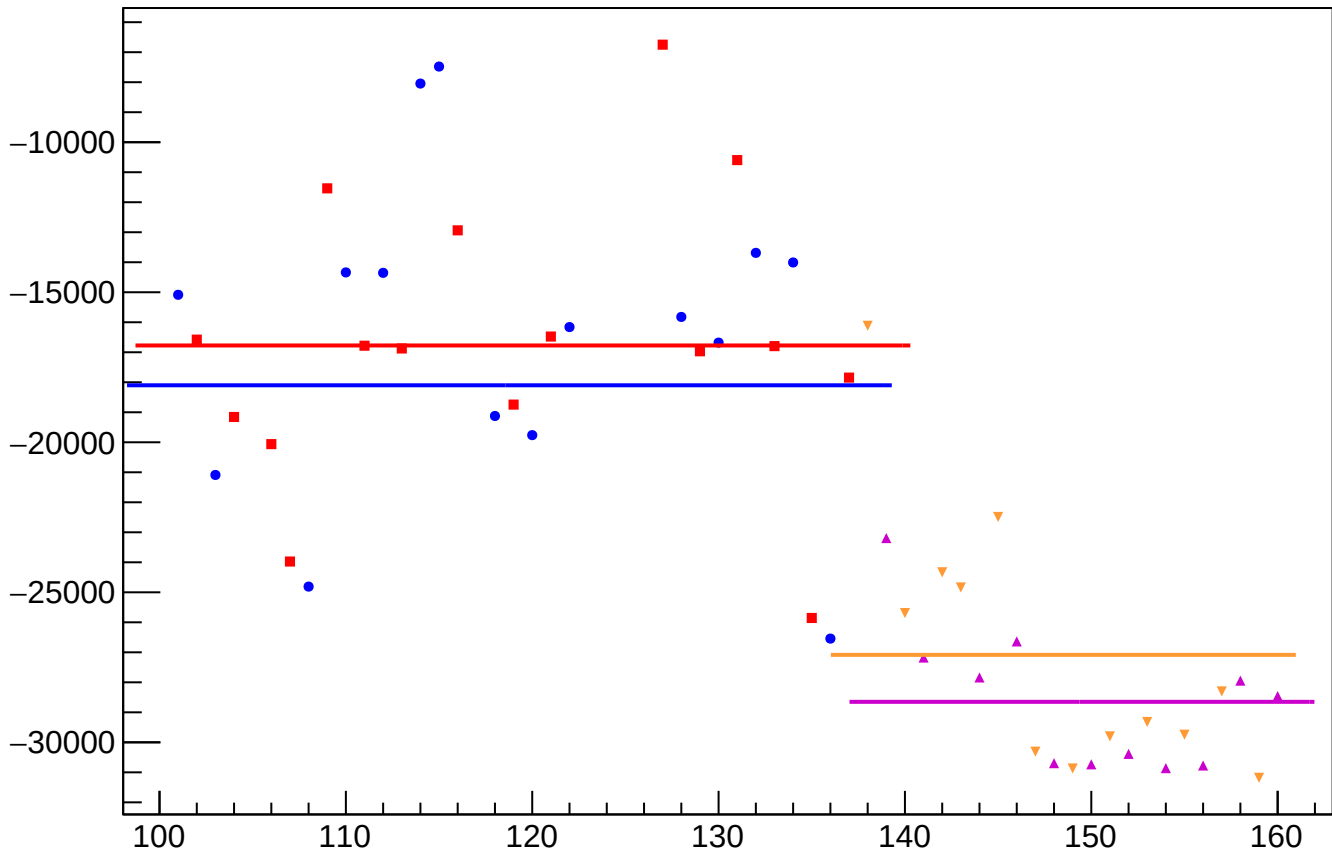
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1138.127+/-0.000 χ^2/NDF : 66412650690815

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

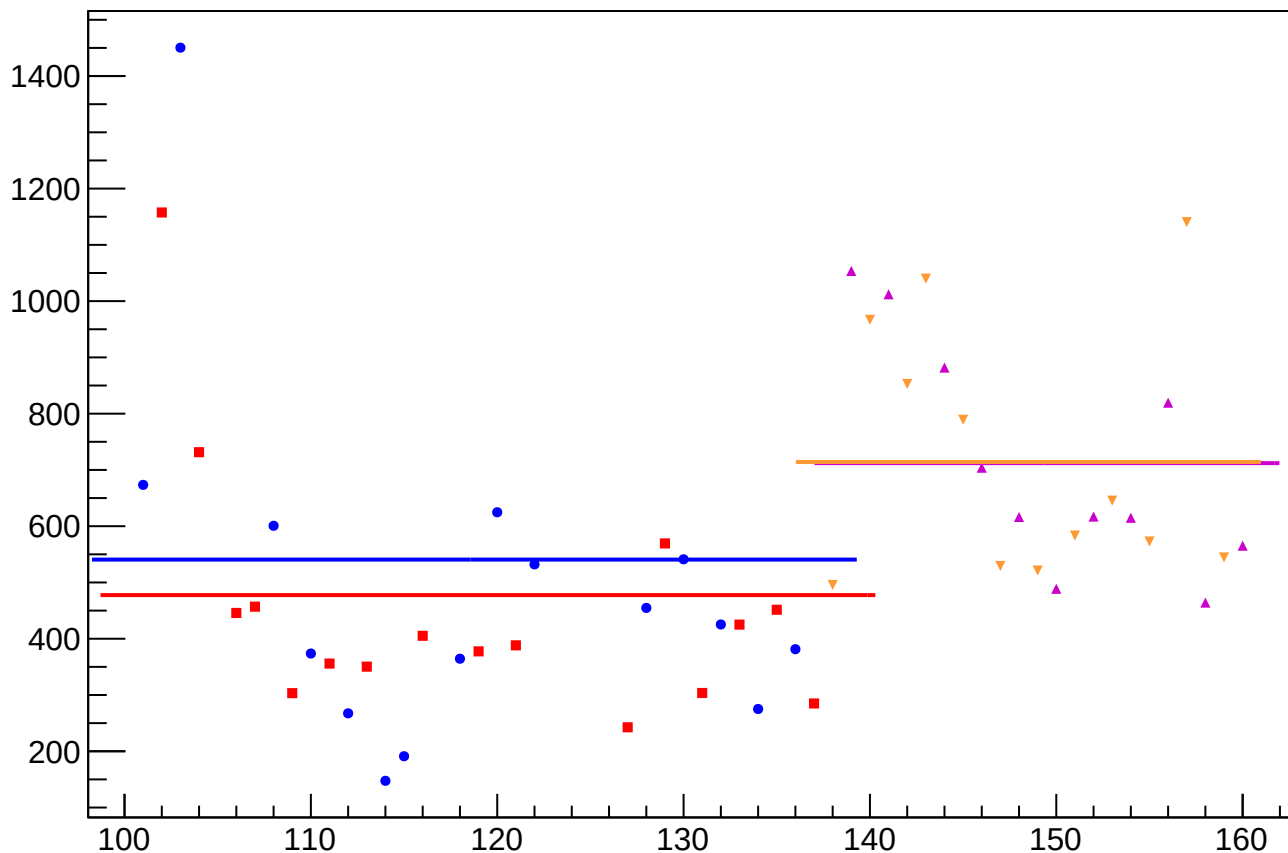
dit_usr_coil1_mean vs Slug



Right In: -18100.637 ± 0.000 $\chi^2/\text{NDF}: 14634967546173586967632040765428699496448.0/14$
 Left Out: -27085.326 ± 0.000 $\chi^2/\text{NDF}: 16913671790830002451724713056210492850176.0/11$
 Right Out: -16773.604 ± 0.000 $\chi^2/\text{NDF}: 14234547931135812277474342886568366178304.0/15$
 Left In: -28650.410 ± 0.000 $\chi^2/\text{NDF}: 4838827535981080826725947474344765554688.0/10$

+ sign -23354.640 ± 0.000 $\chi^2/\text{NDF}: 621850607090$
 All: -23514.355 ± 0.000 $\chi^2/\text{NDF}: 135979518$
 - sign -23671.259 ± 0.000 $\chi^2/\text{NDF}: 7371541854107$

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

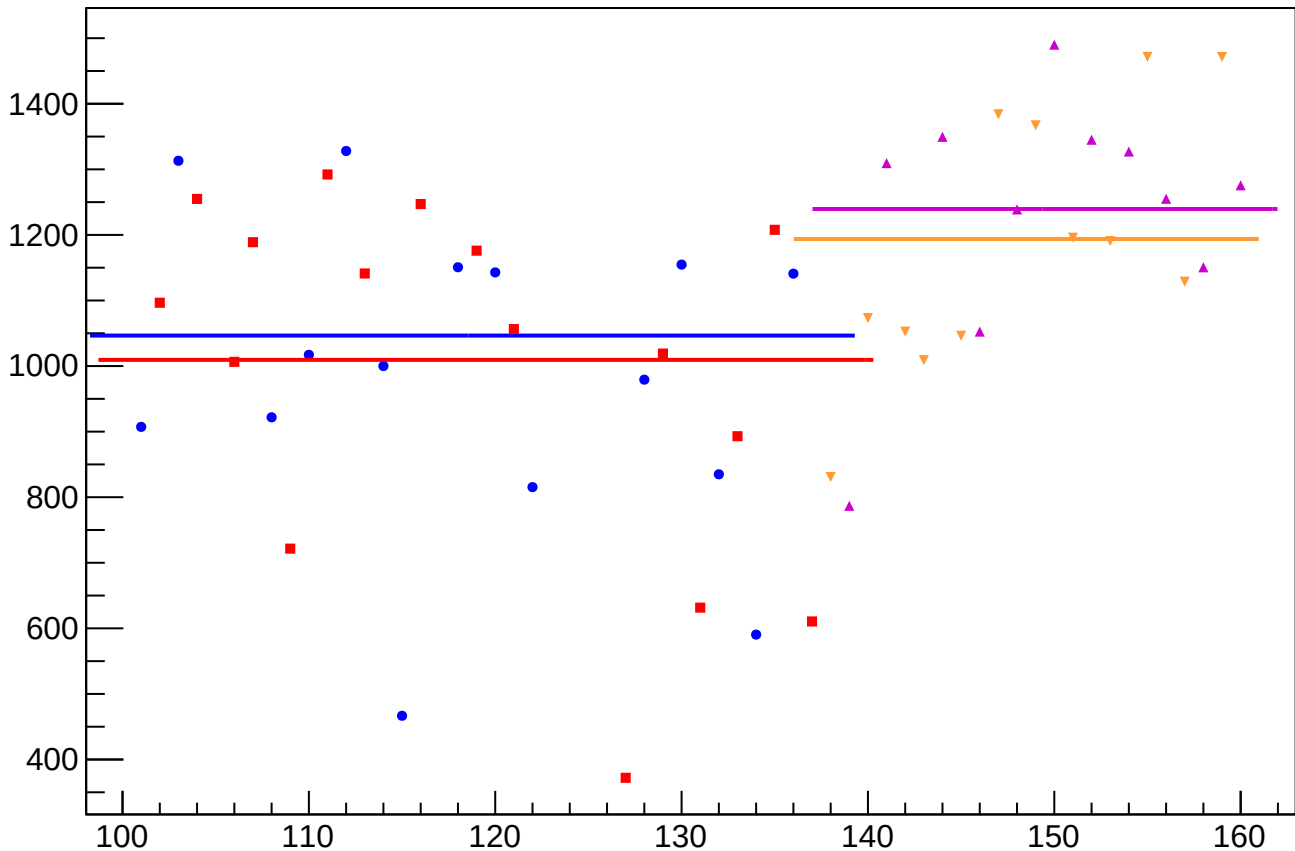
All: 627.811+/-0.000 χ^2/NDF : 213964106683

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

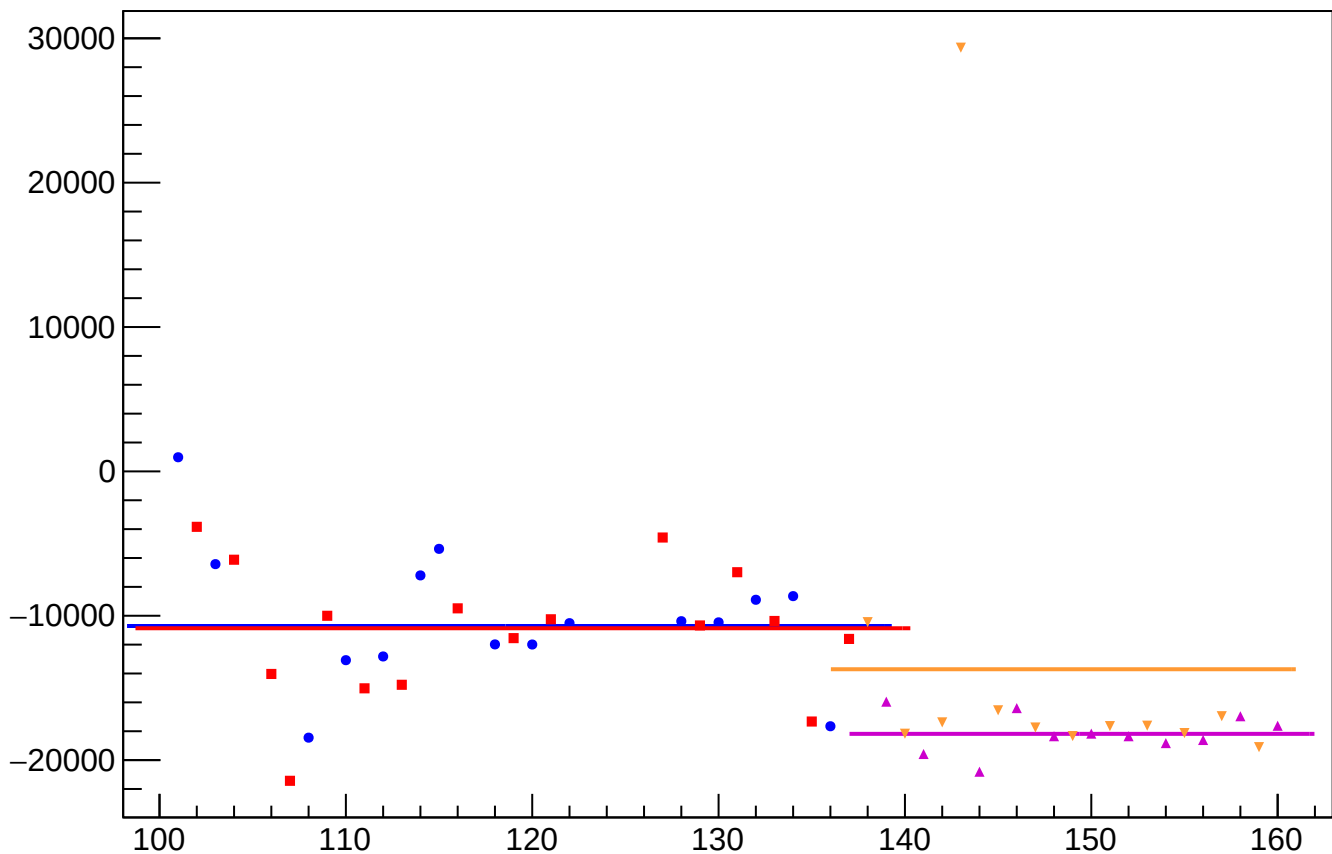
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

dit_usr_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		

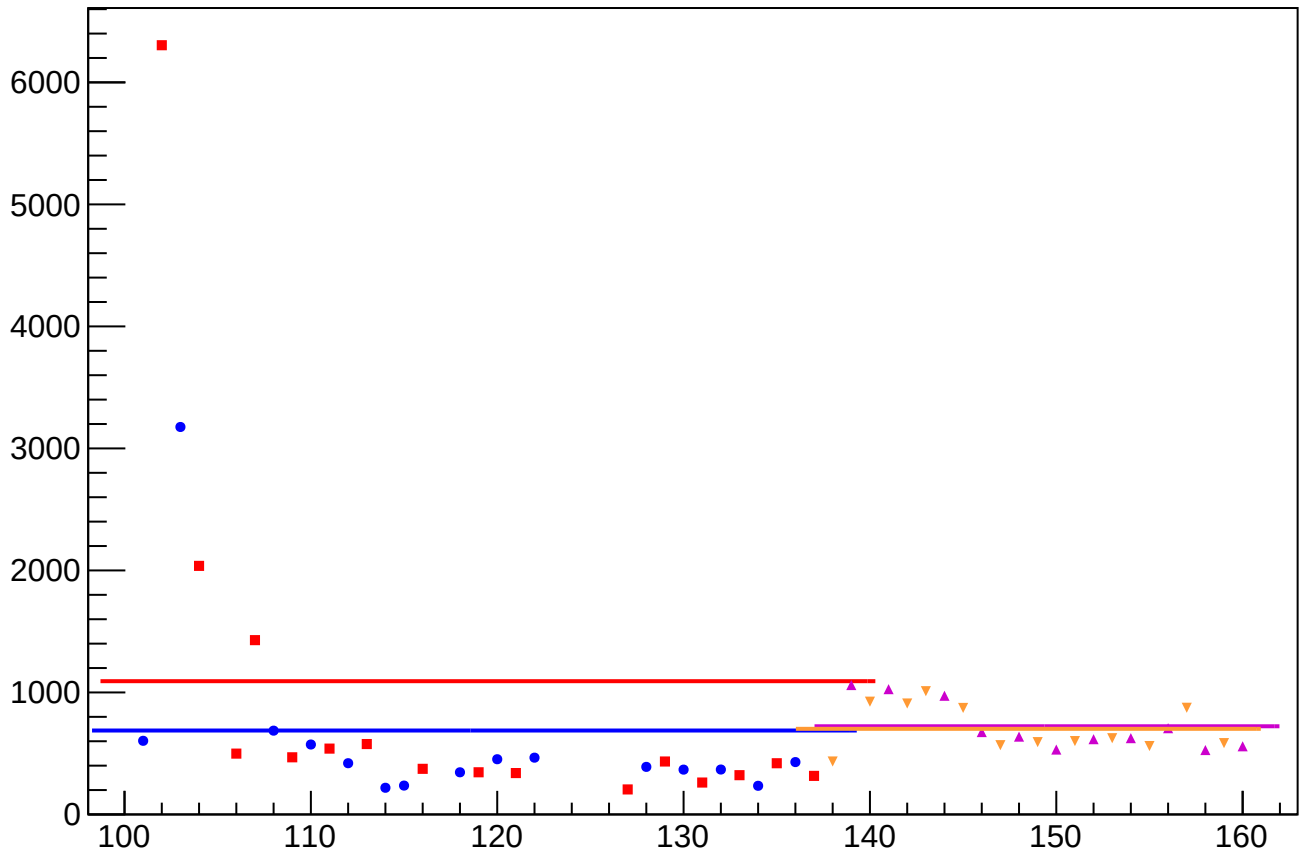
dit_atl1_coil1_mean vs Slug



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

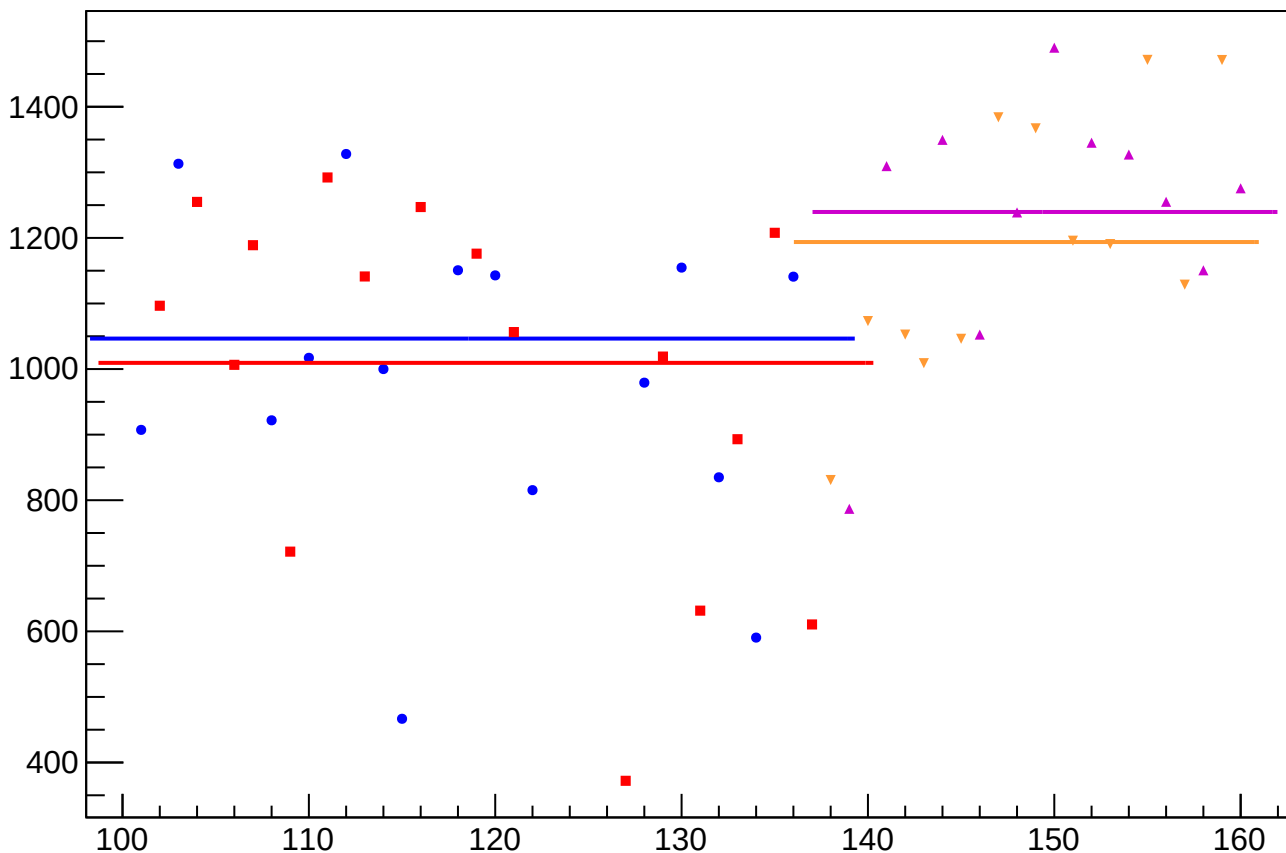
+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536
 All: -13800.033+/-0.000 χ^2/NDF : 200733129
 - sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

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

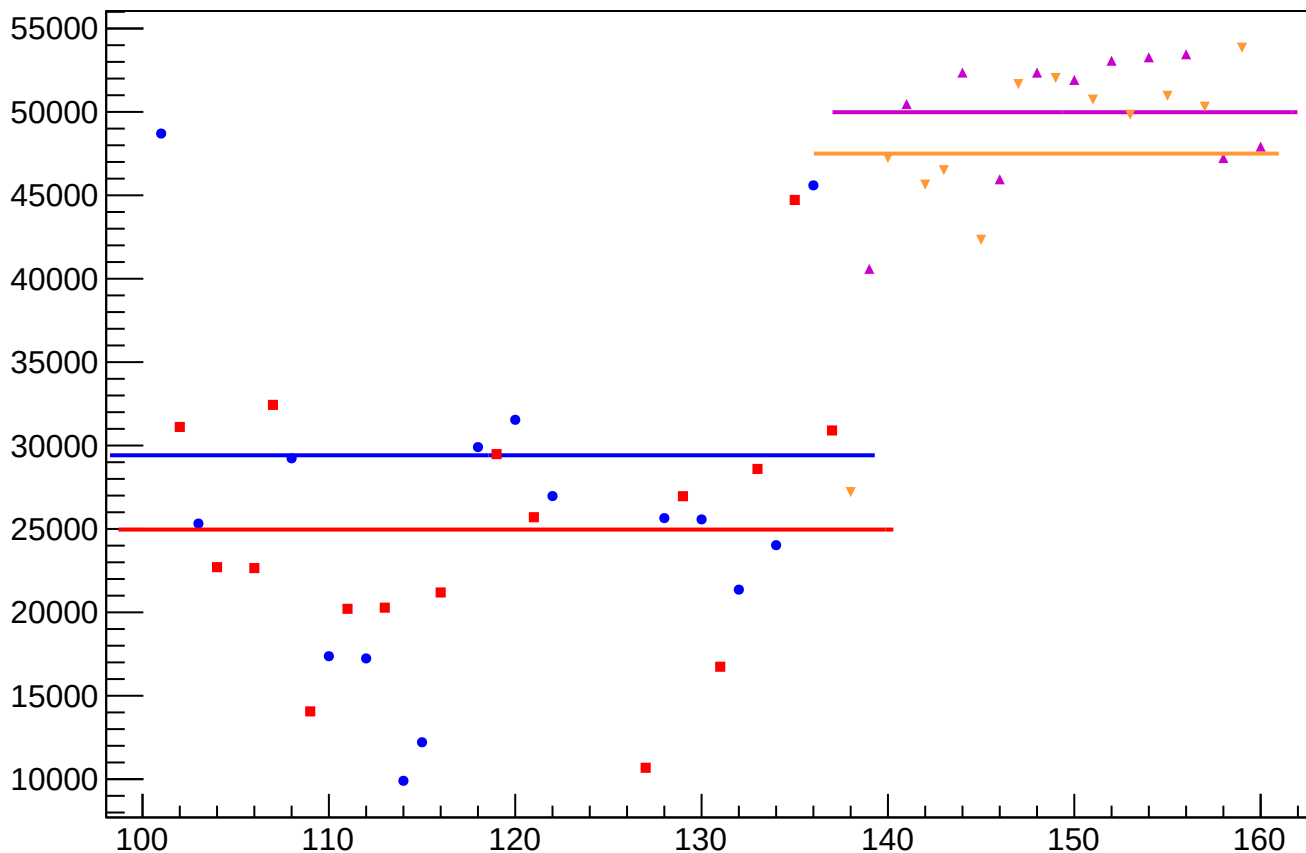
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

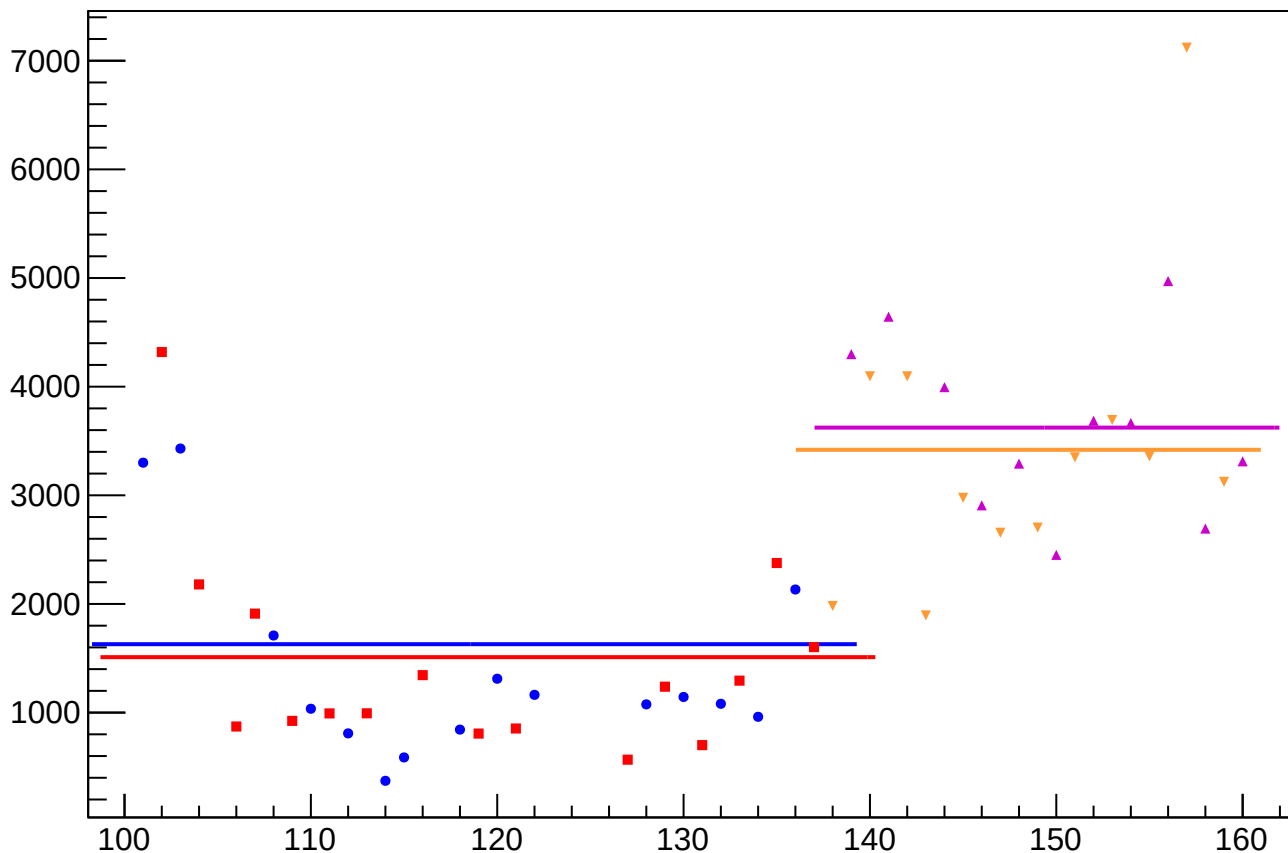
dit_atl2_coil1_mean vs Slug



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

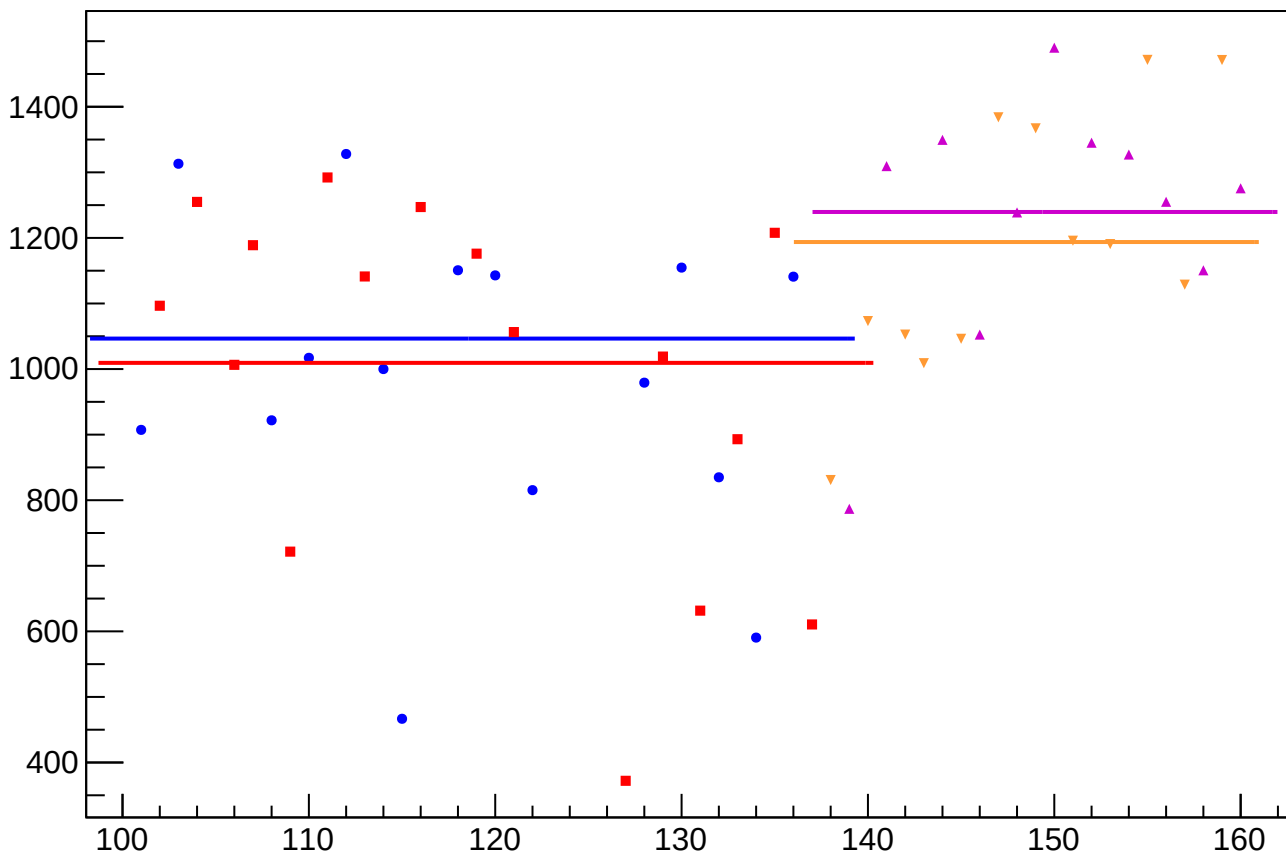
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

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

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

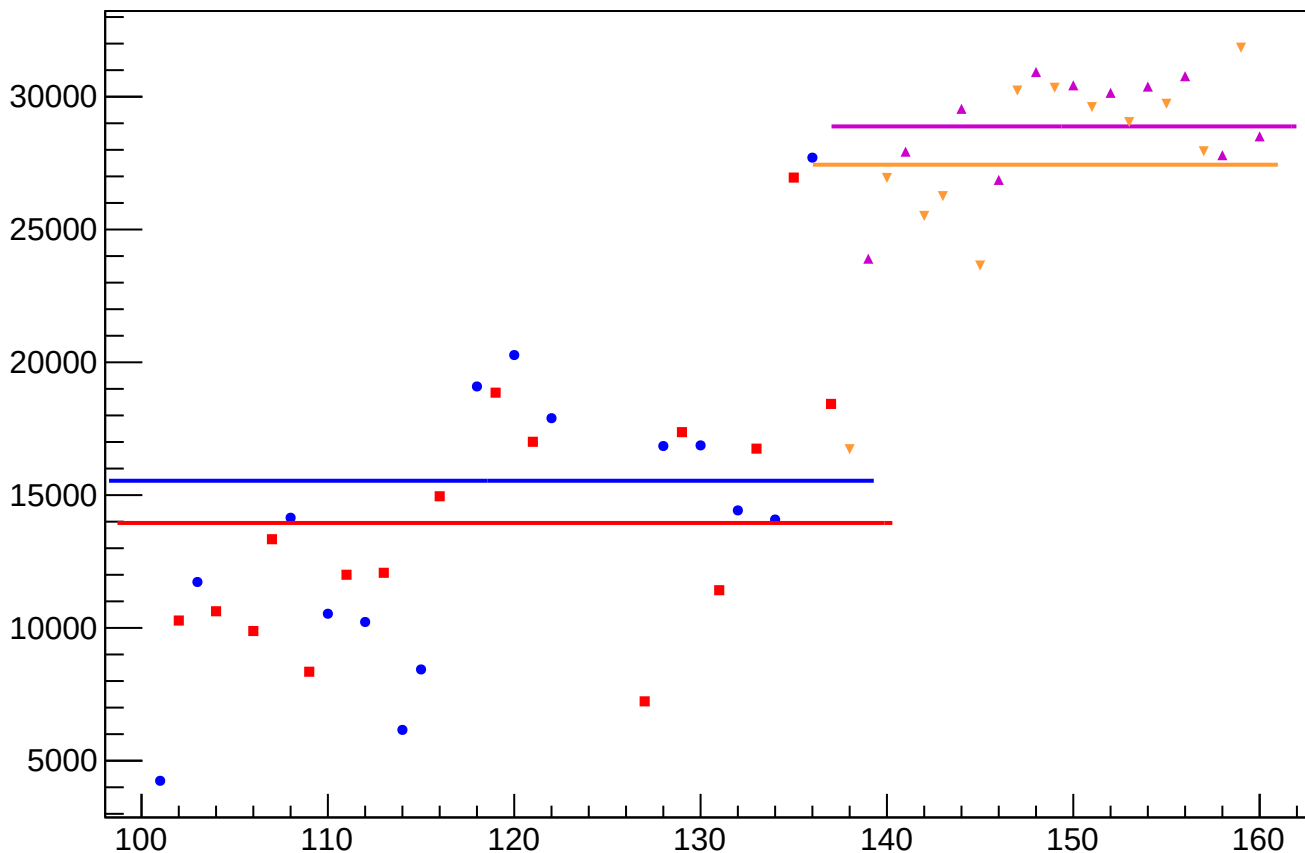
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

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

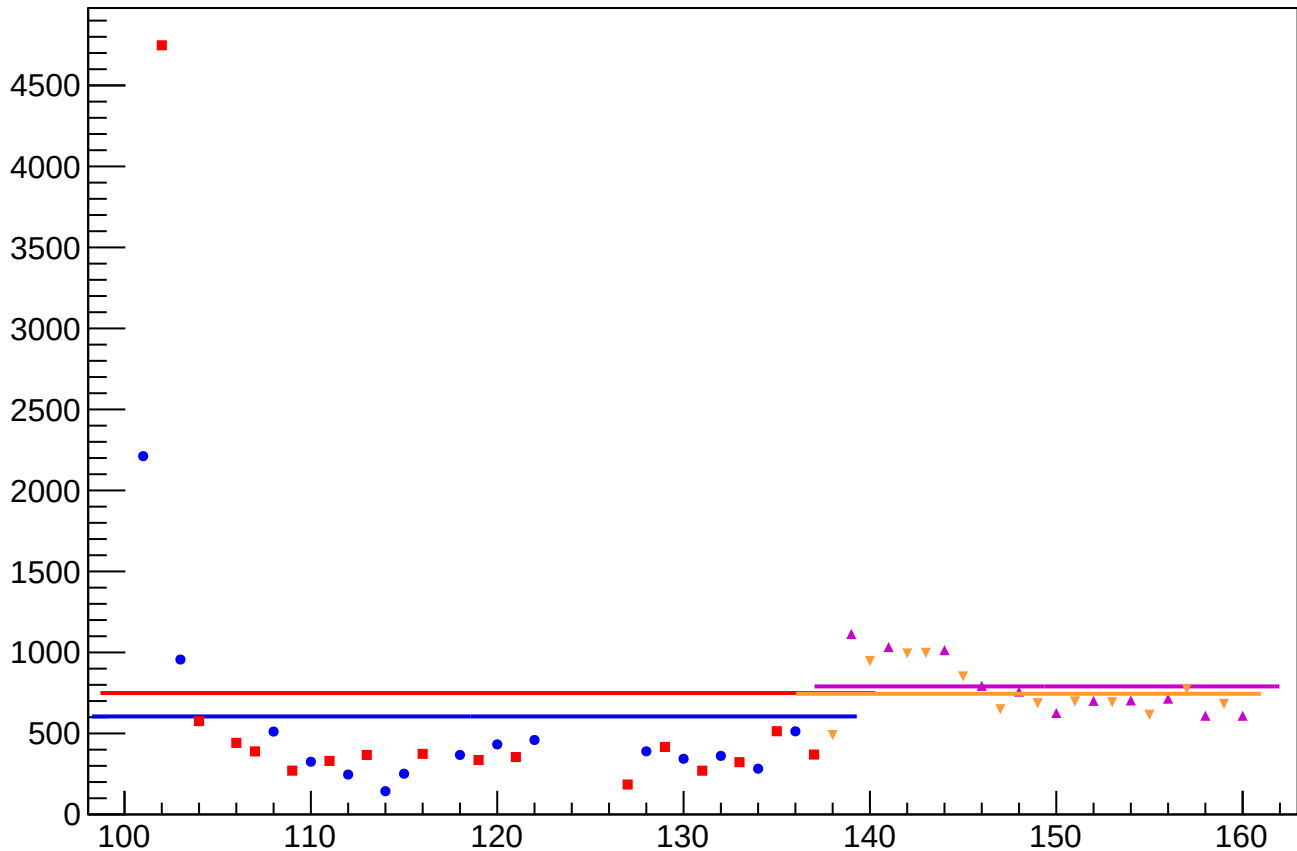
dit_atr1_coil1_mean vs Slug



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

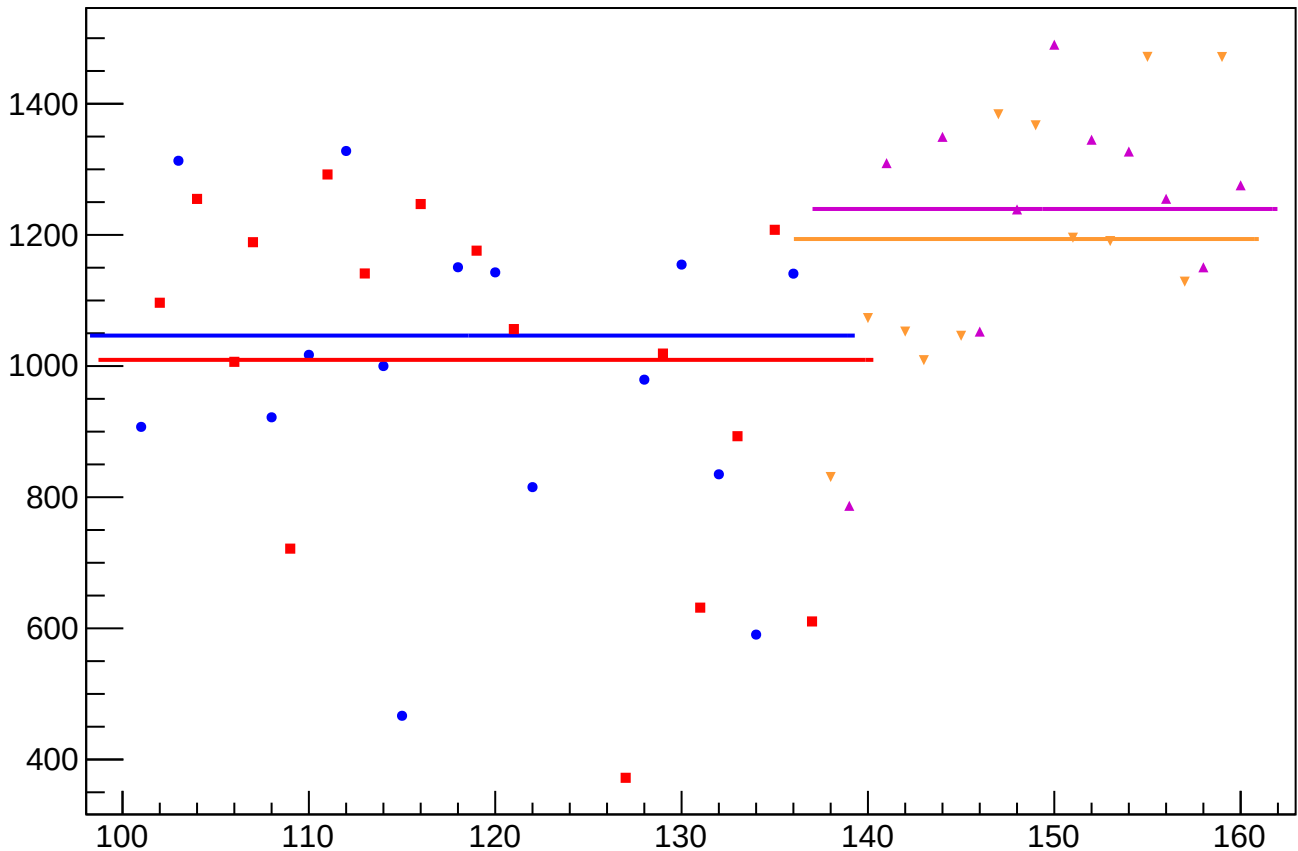
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

All: 730.430+/-0.000 χ^2/NDF : 127166116576

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

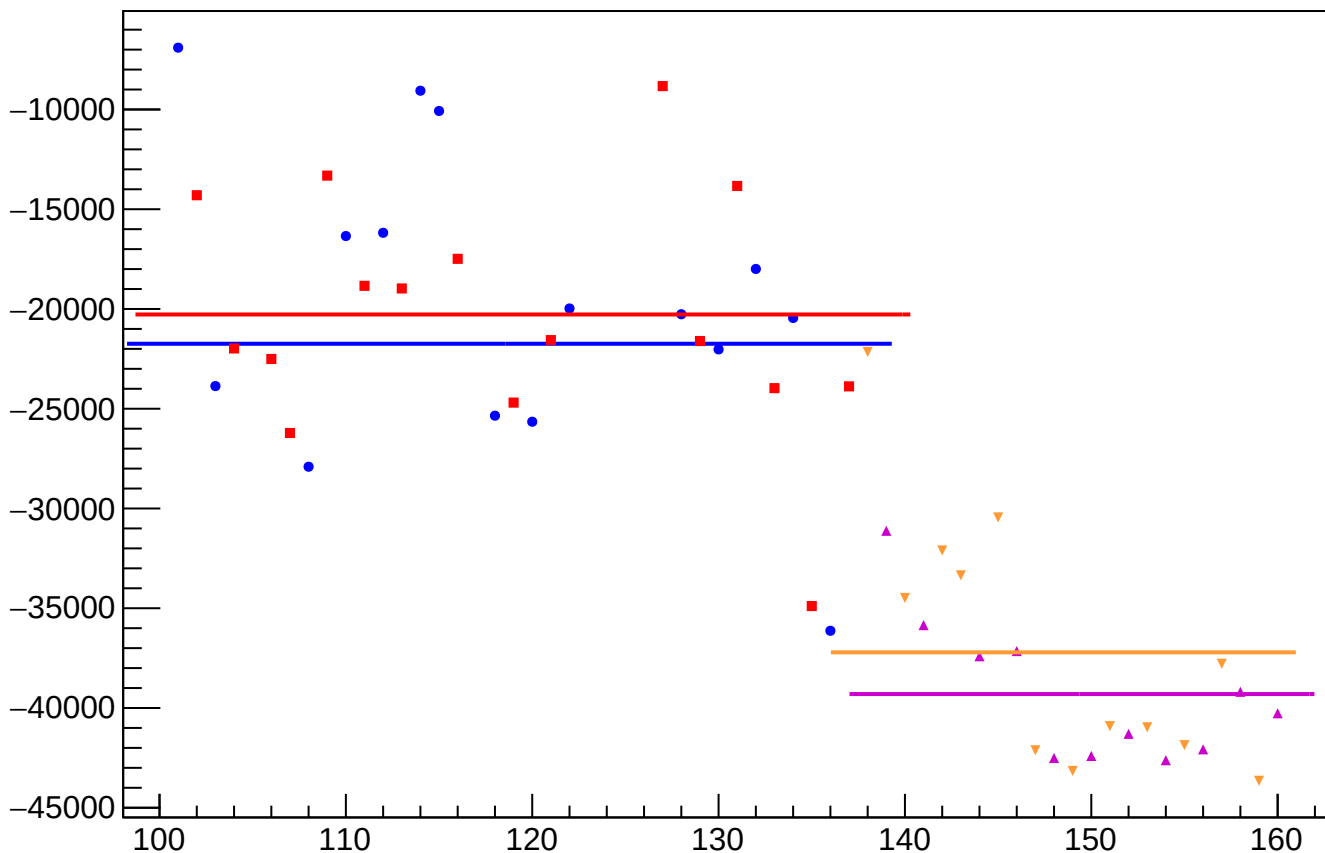
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



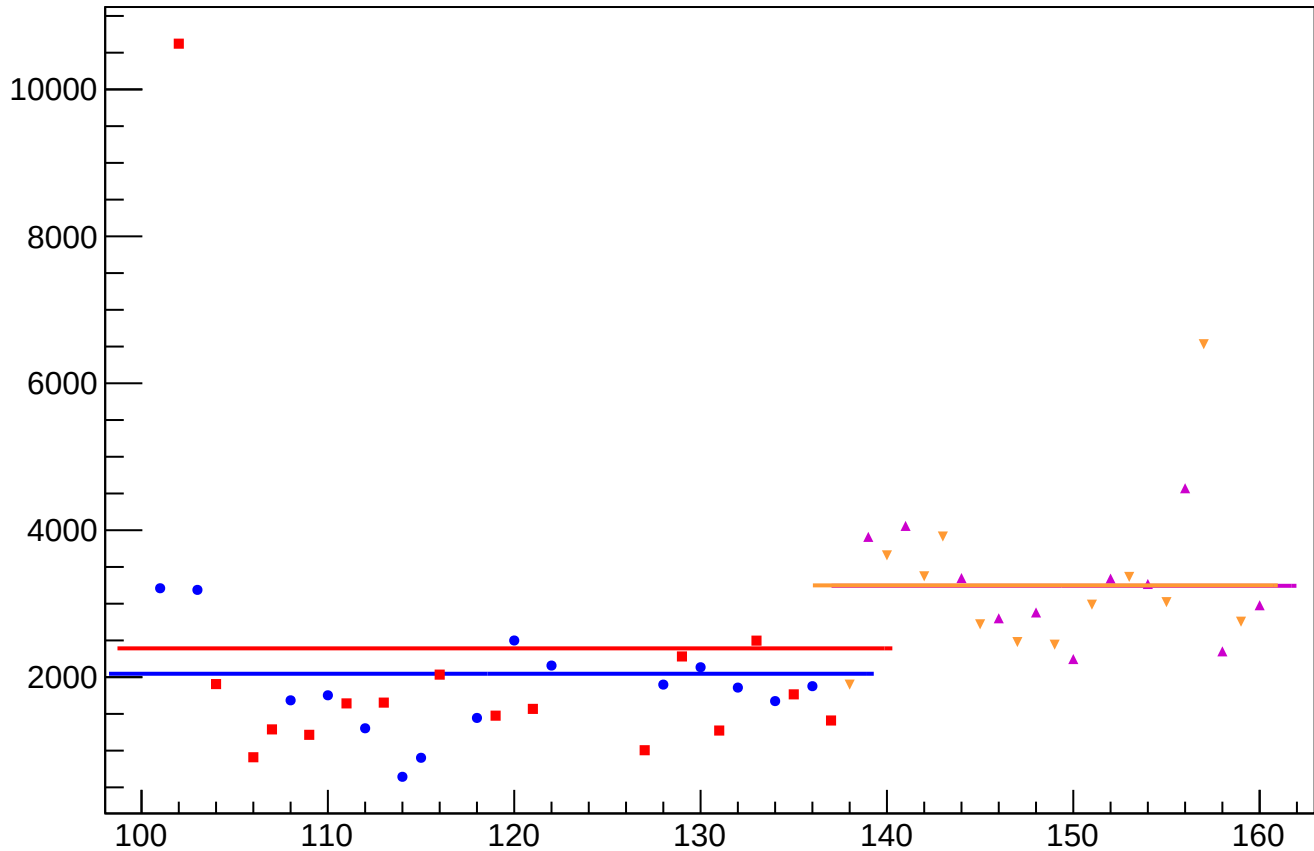
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



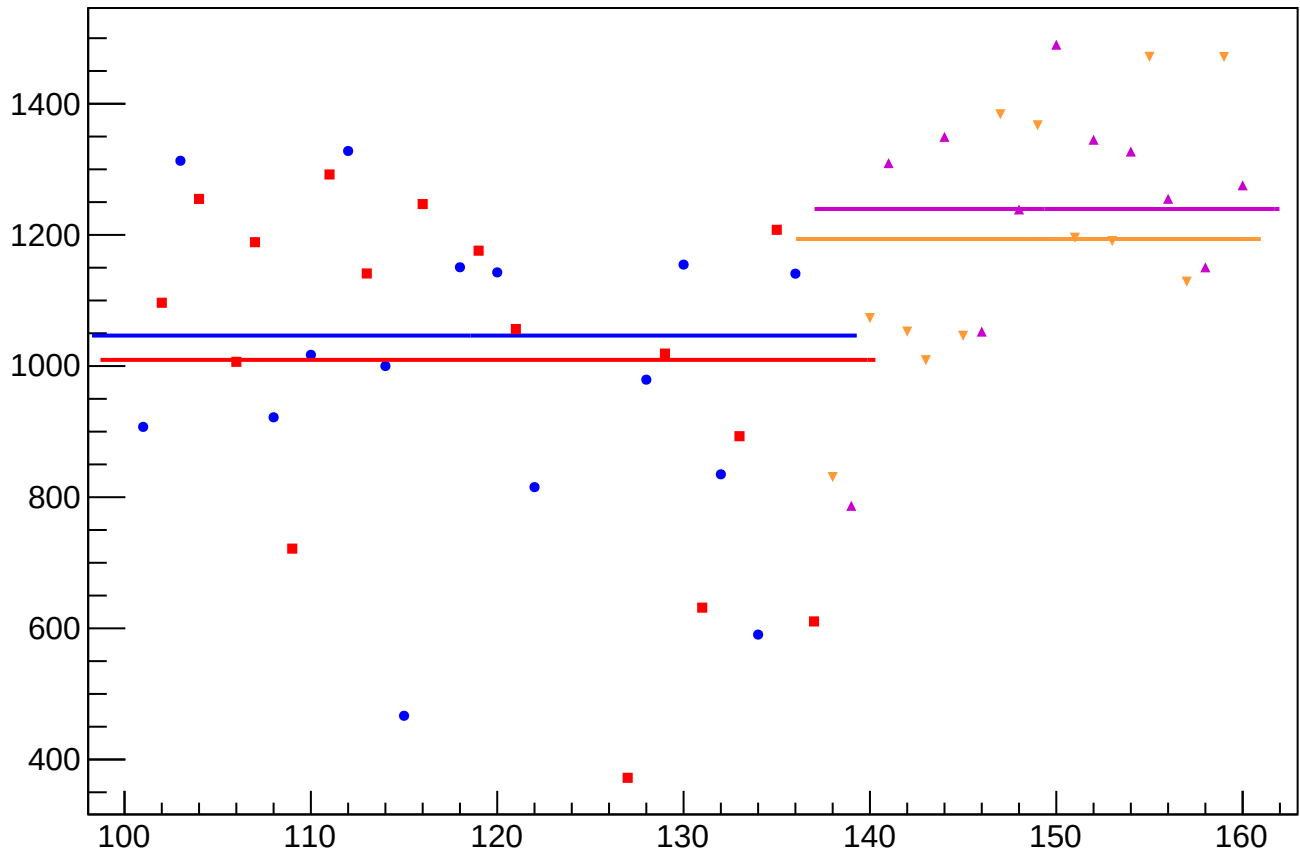
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



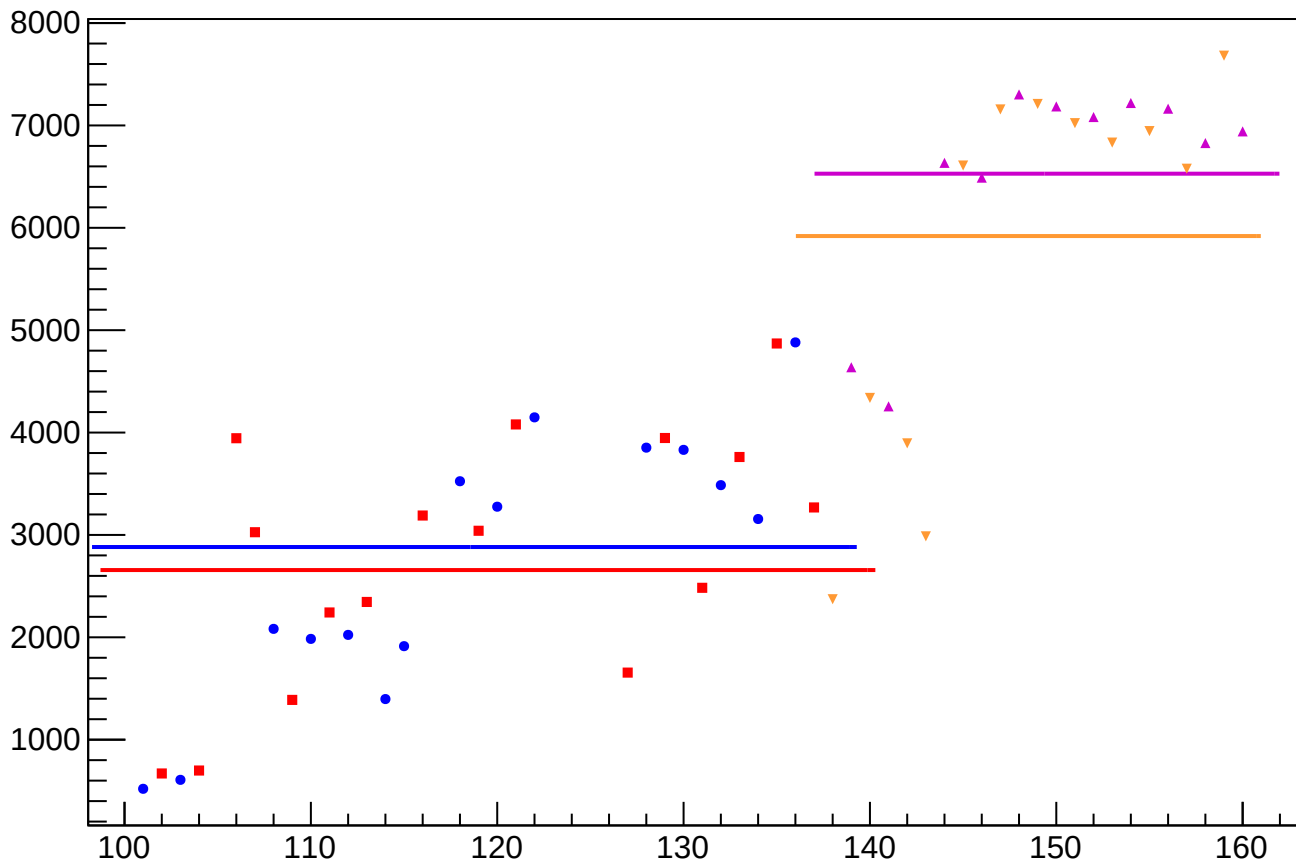
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- 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



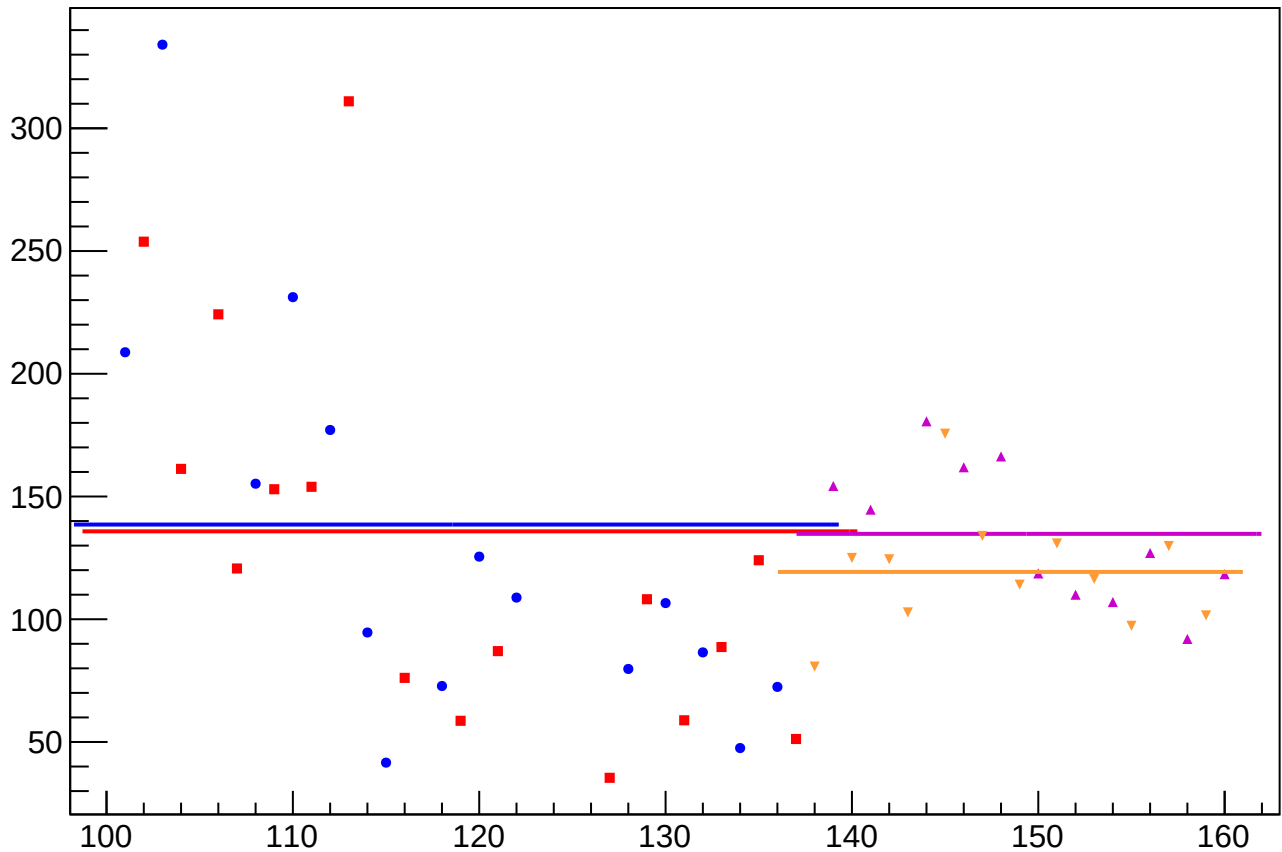
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



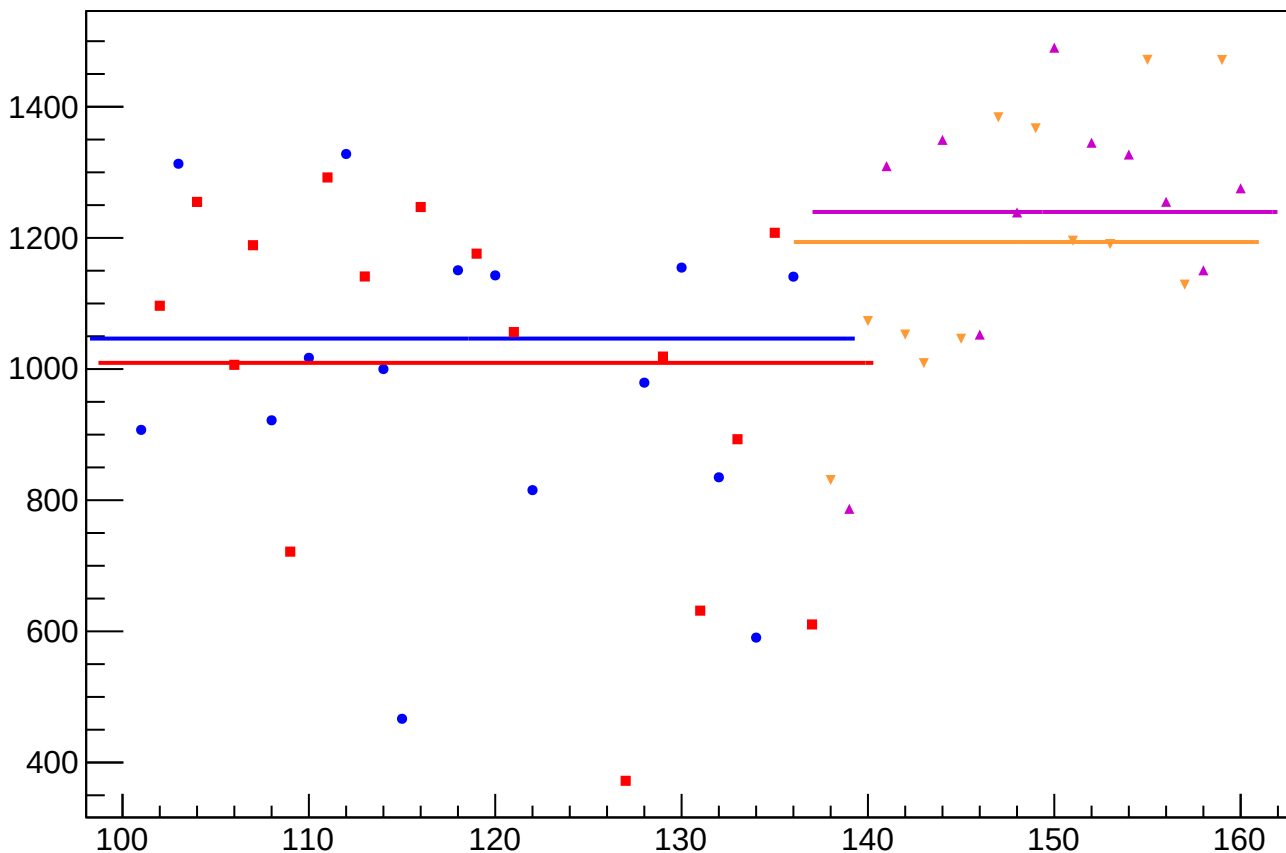
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

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

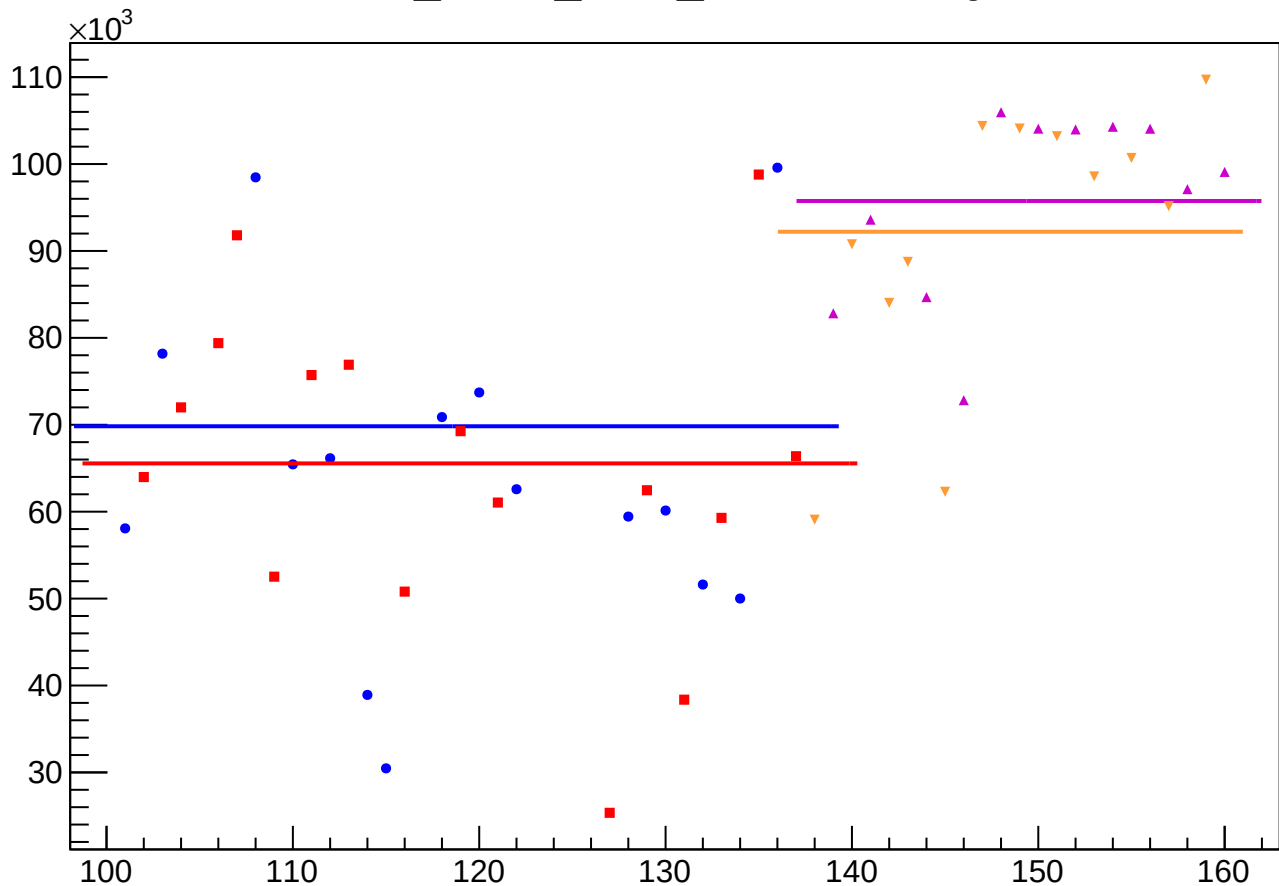
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

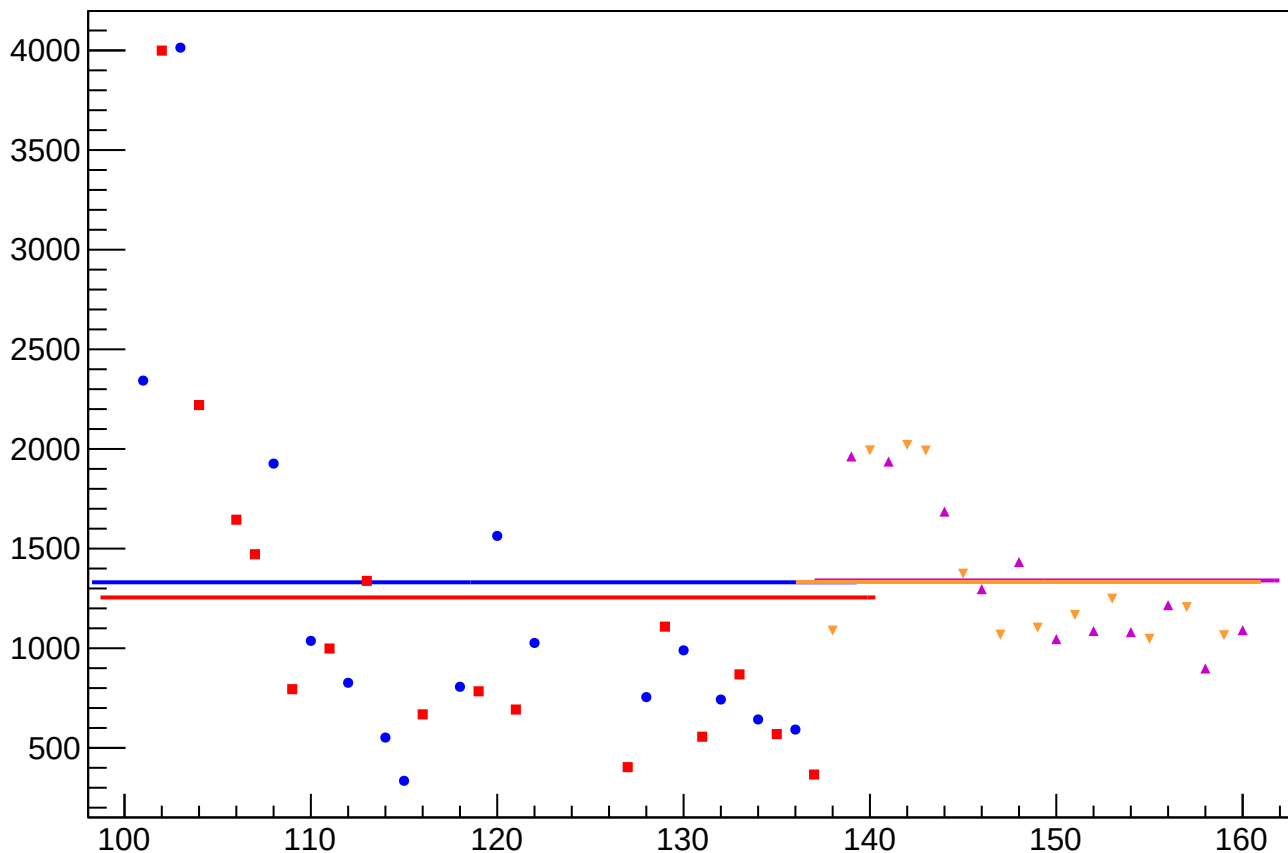
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698 $\pm$ 0.000	χ^2 /NDF: 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 95749.411 $\pm$ 0.000	χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

+ sign 82916.711 $\pm$ 0.000 χ^2 /NDF: 6045168976255
 All: 83004.616 $\pm$ 0.000 χ^2 /NDF: 1272083143
 - sign 83090.974 $\pm$ 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

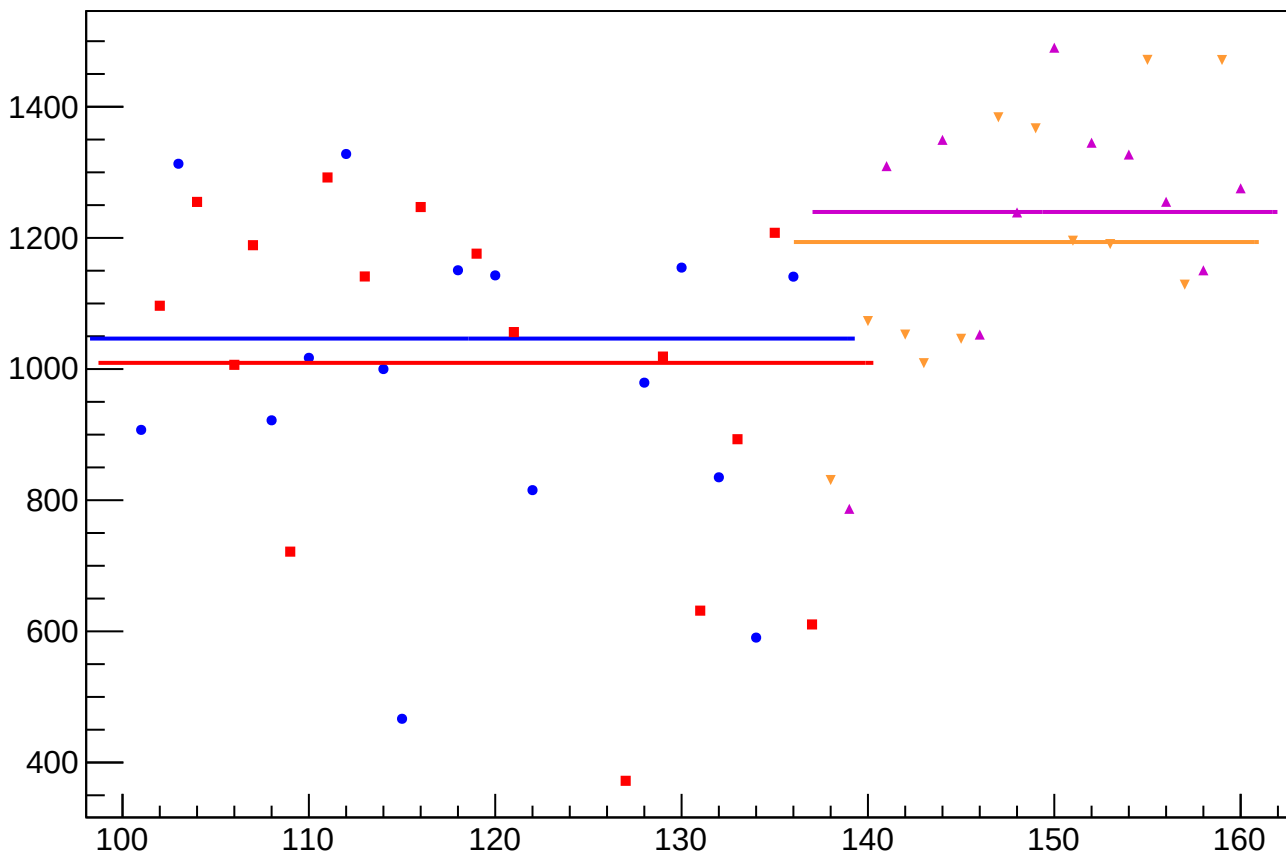
Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1331.958+/-0.000 χ^2/NDF : 76697117094463

All: 1318.066+/-0.000 χ^2/NDF : 15167335846

- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161

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

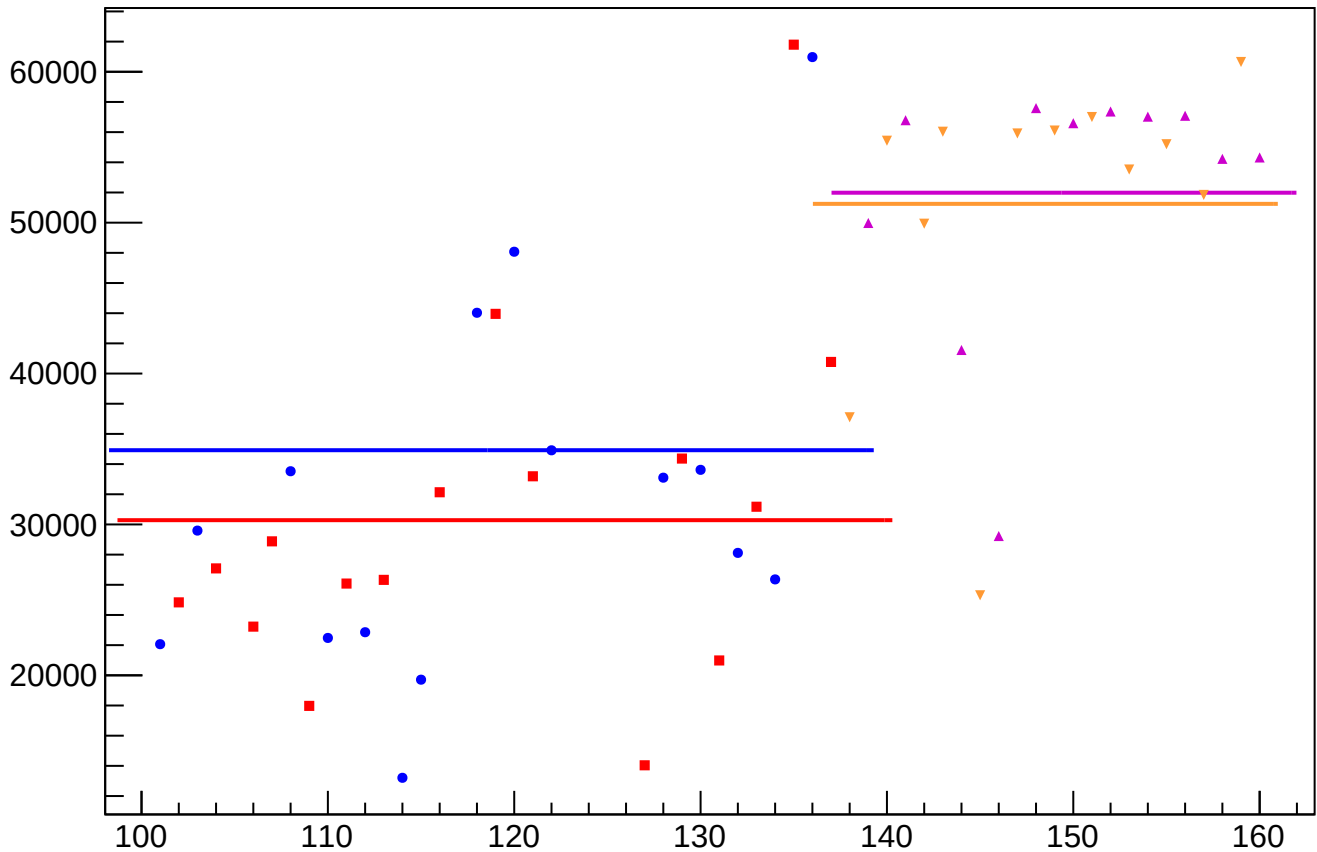
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

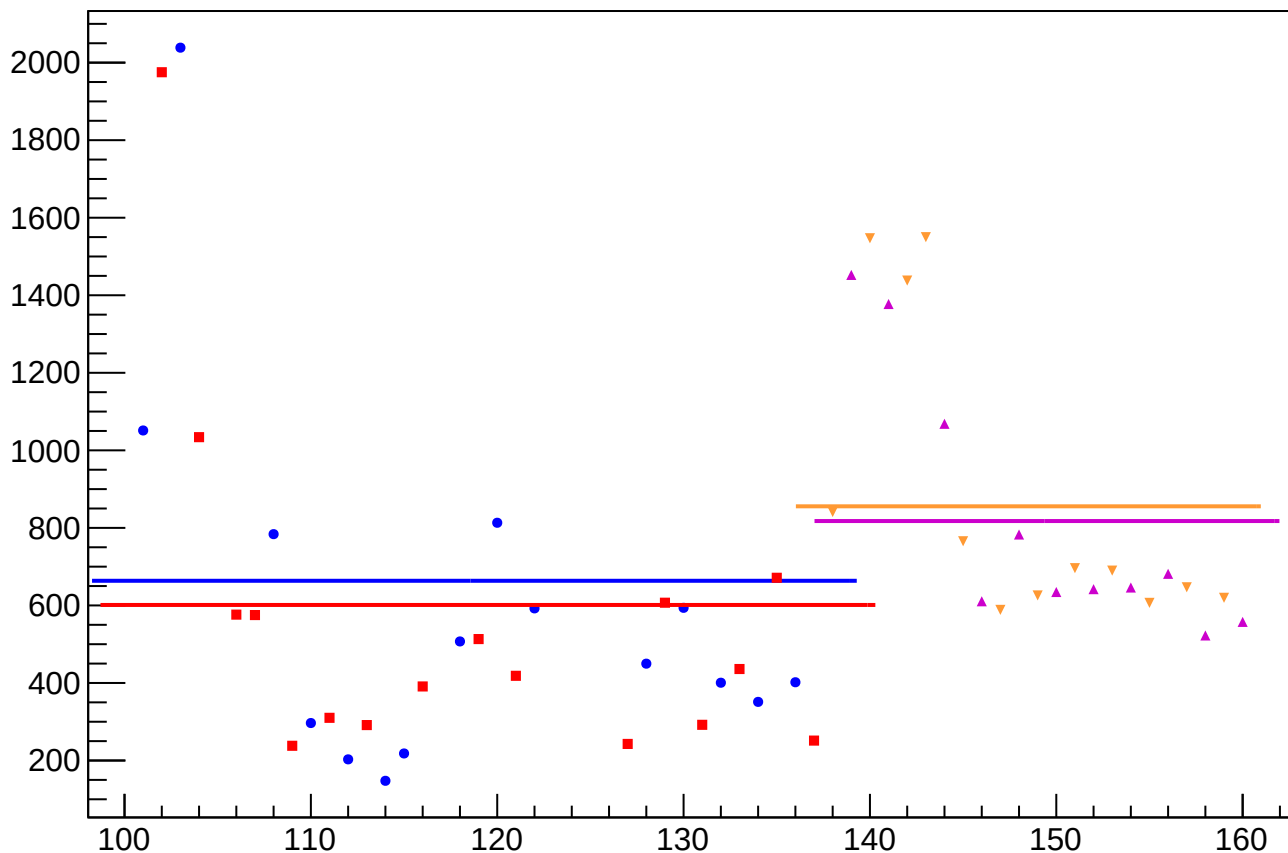
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_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

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

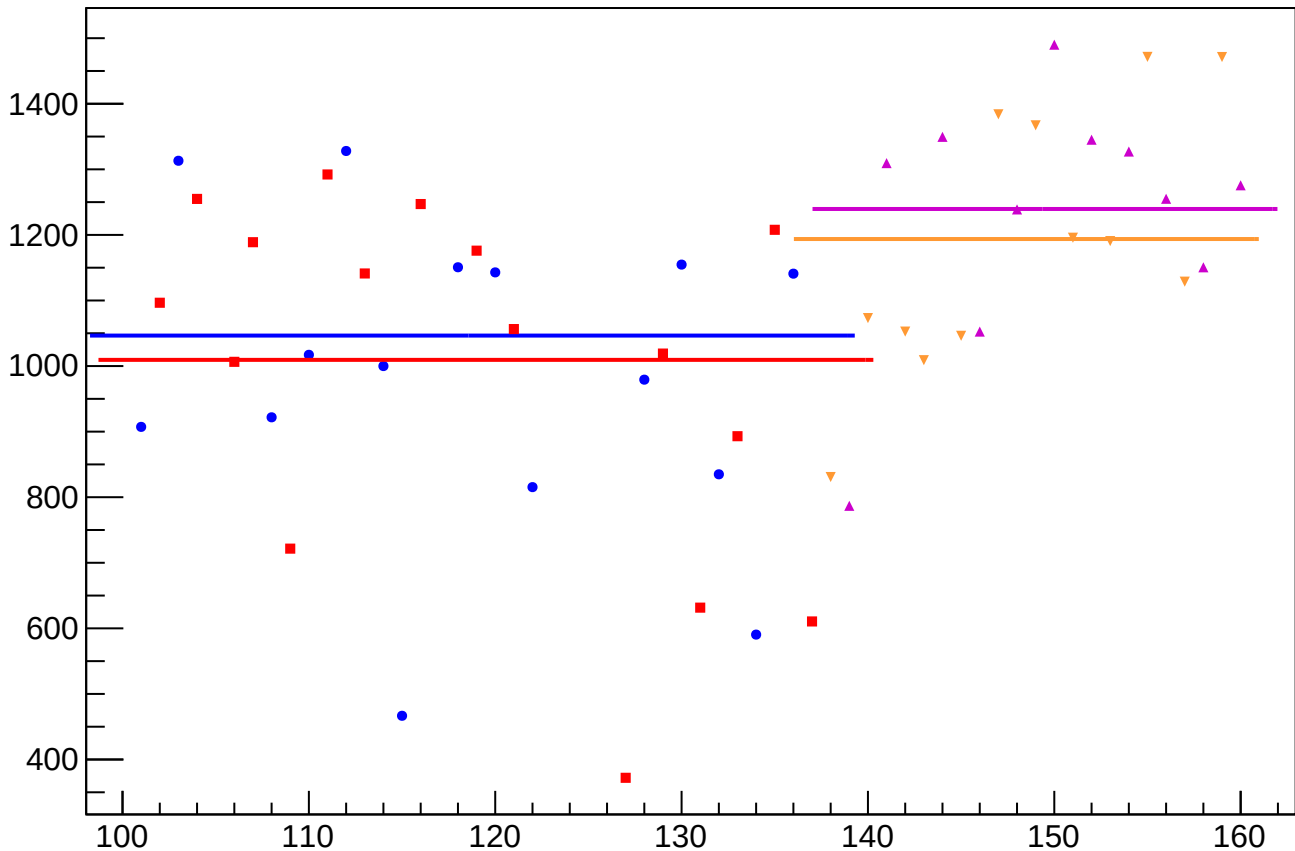
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

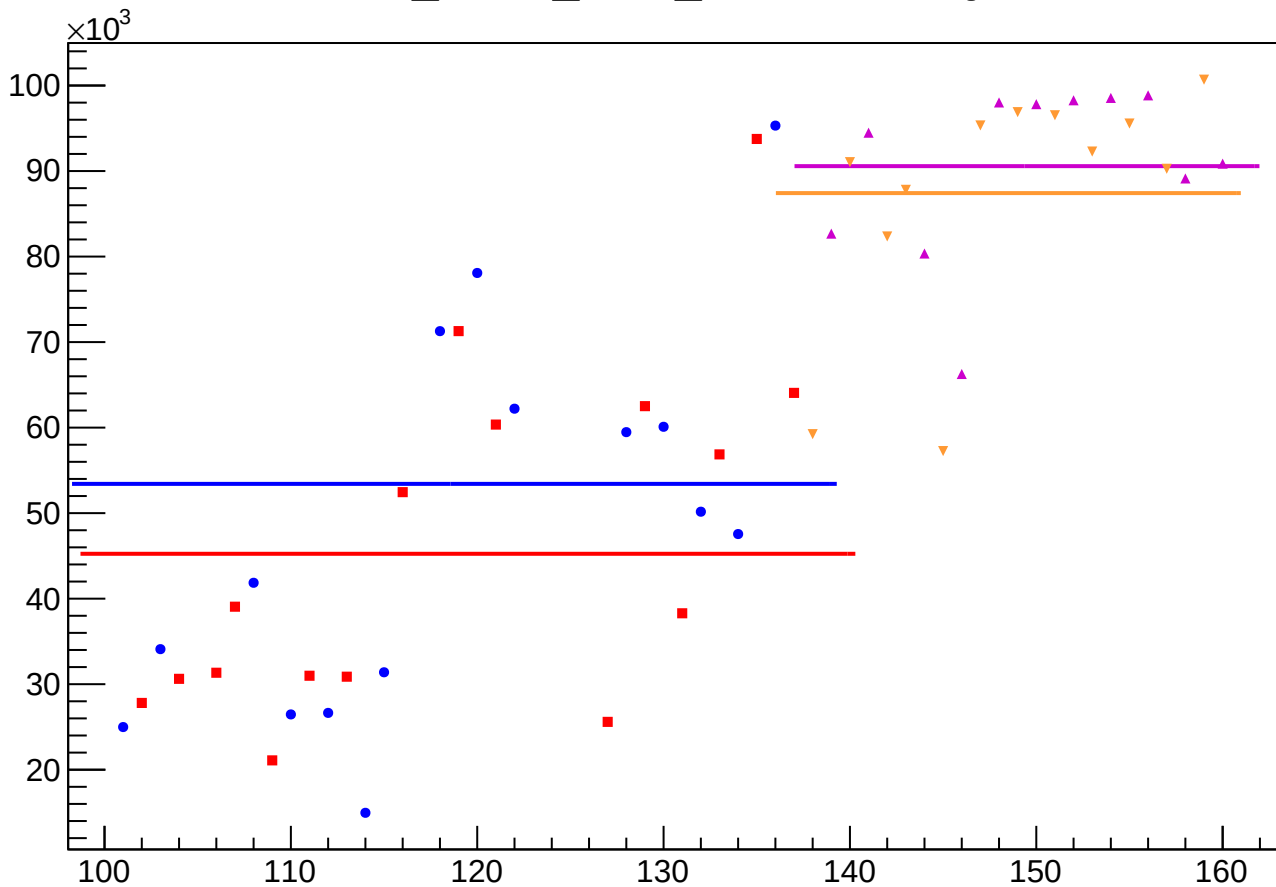
- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



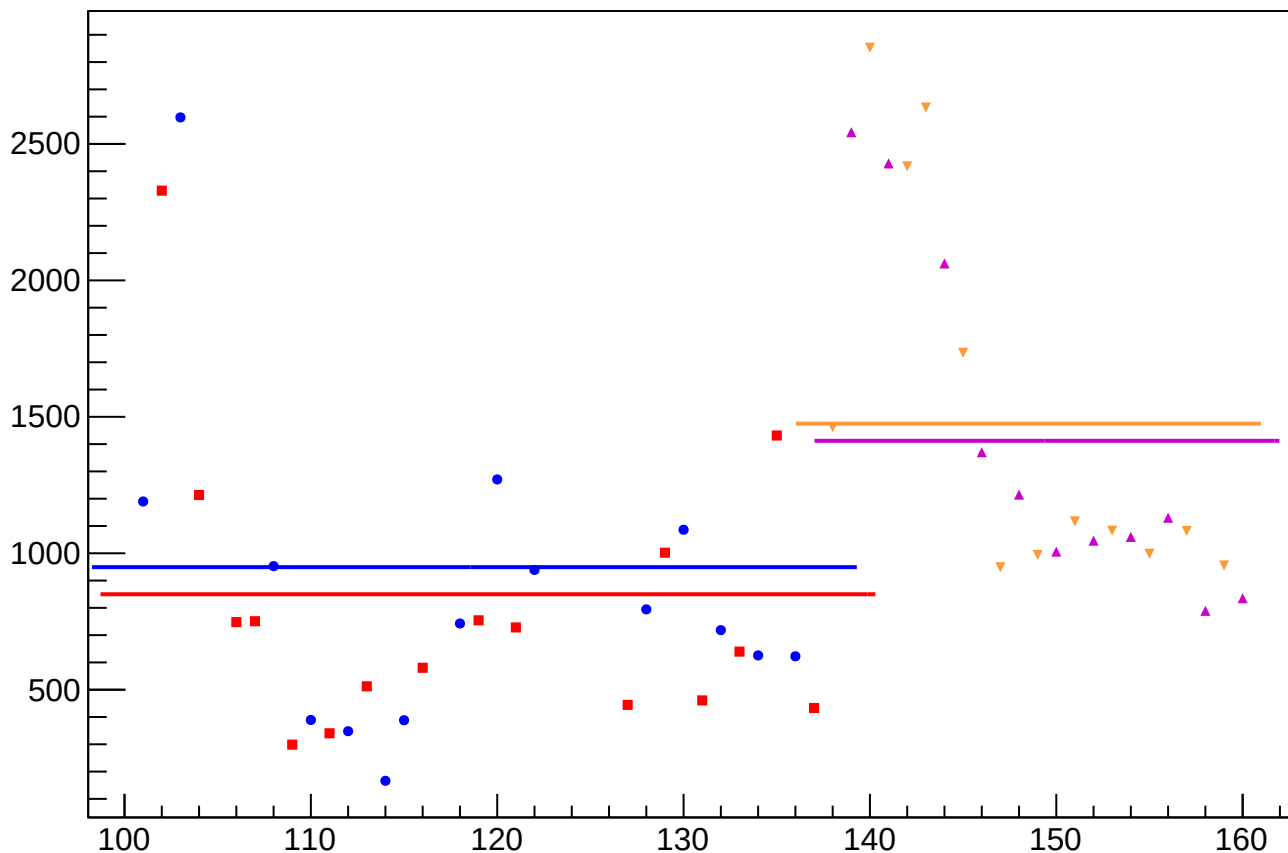
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam4_coil1_mean vs Slug



Right In: 53422.452 $\pm$ 0.000 χ^2 /NDF: 360635757315133800133751123167777346551808.0/14
 Left Out: 87421.965 $\pm$ 0.000 χ^2 /NDF: 176009447933973172298765808269588074332160.0/11
 Right Out: 45247.617 $\pm$ 0.000 χ^2 /NDF: 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760 $\pm$ 0.000 χ^2 /NDF: 90574081394354221593949262312406685581312.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197 $\pm$ 0.000 χ^2 /NDF: 225691032183153732733308094067658194944.0/14

Left Out: 1474.996 $\pm$ 0.000 χ^2 /NDF: 407776279141254062636078508853738602496.0/11

Right Out: 849.827 $\pm$ 0.000 χ^2 /NDF: 204622224261577247702227312745197338624.0/15

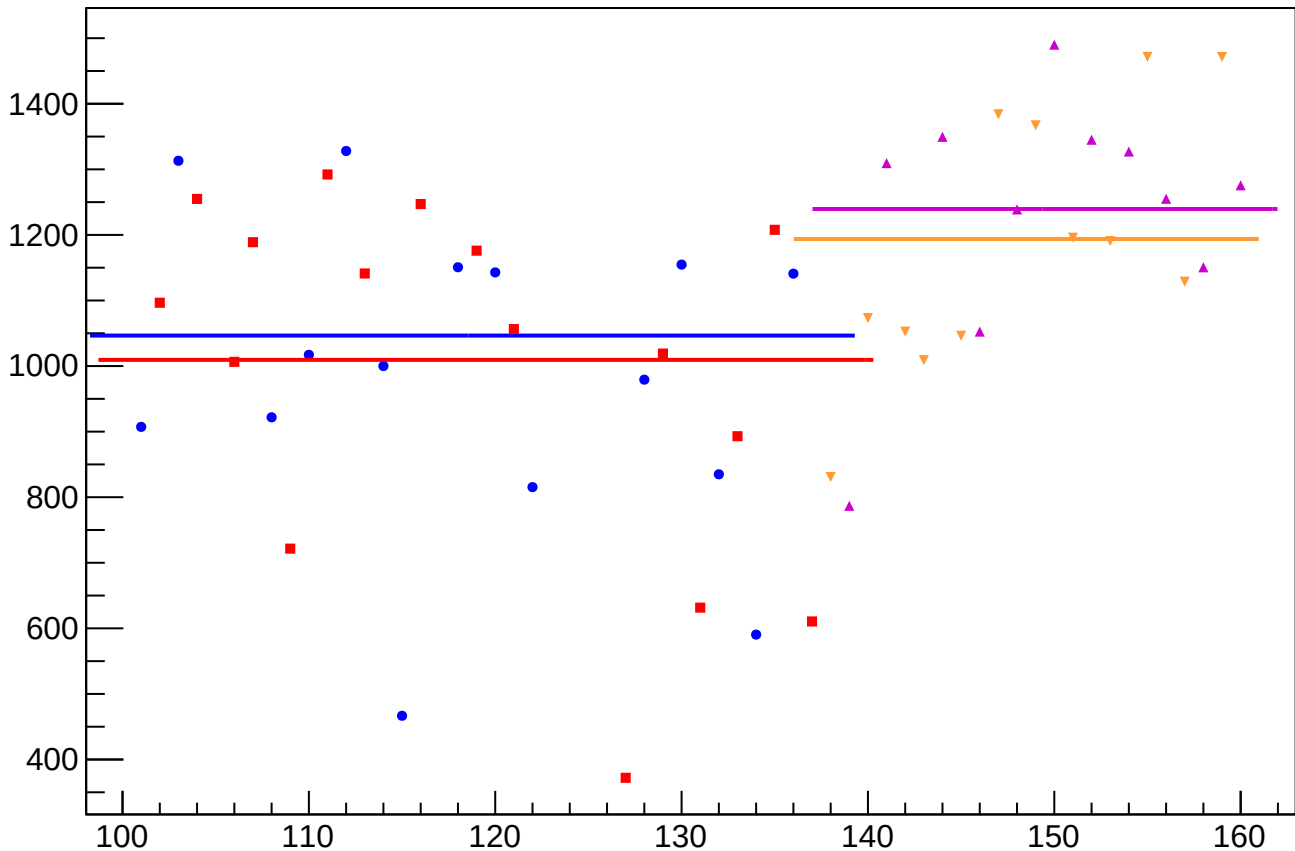
Left In: 1412.186 $\pm$ 0.000 χ^2 /NDF: 332529390934897118157875972661756035072.0/10

+ sign 1256.670 $\pm$ 0.000 χ^2 /NDF: 73839035869210

All: 1216.192 $\pm$ 0.000 χ^2 /NDF: 14031243171

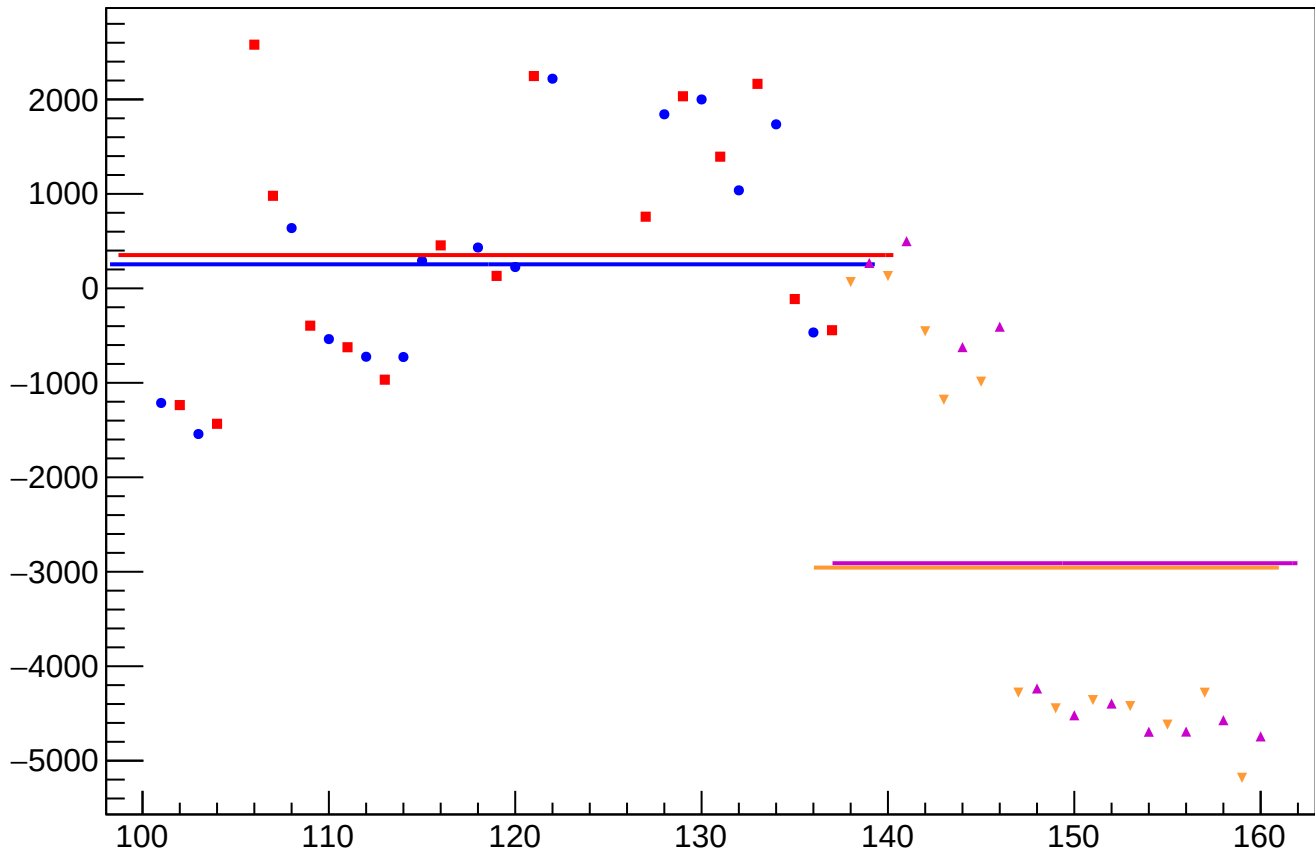
- sign 1176.426 $\pm$ 0.000 χ^2 /NDF: 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



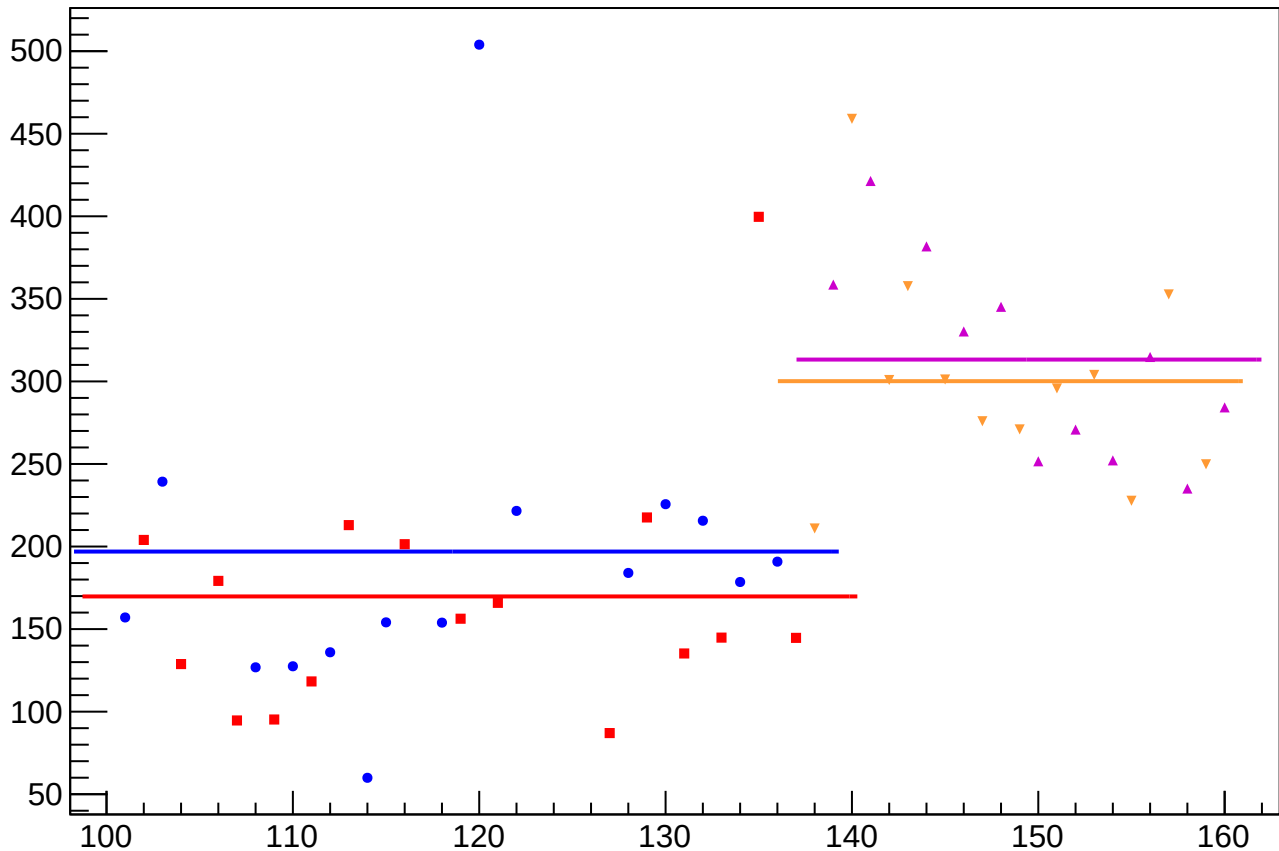
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



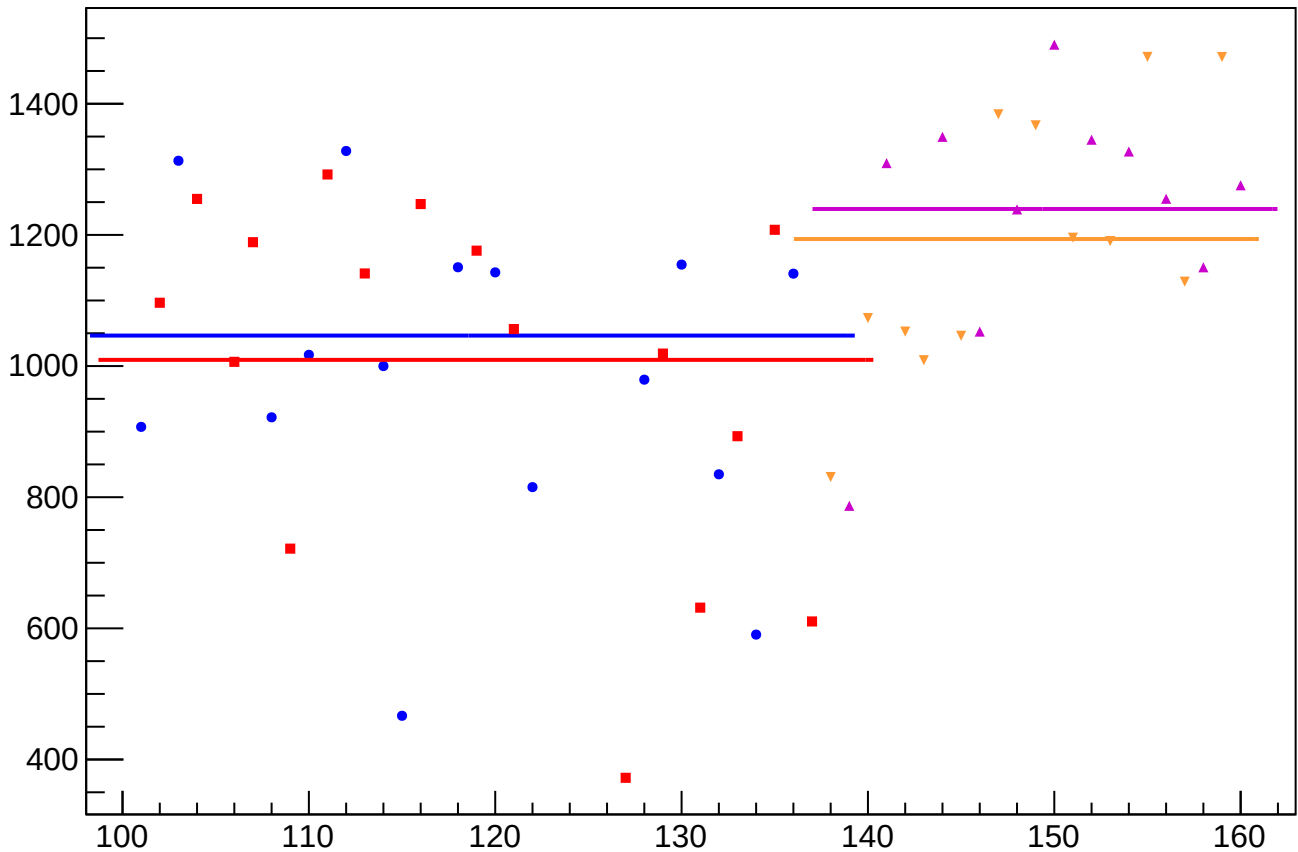
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997+/-0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



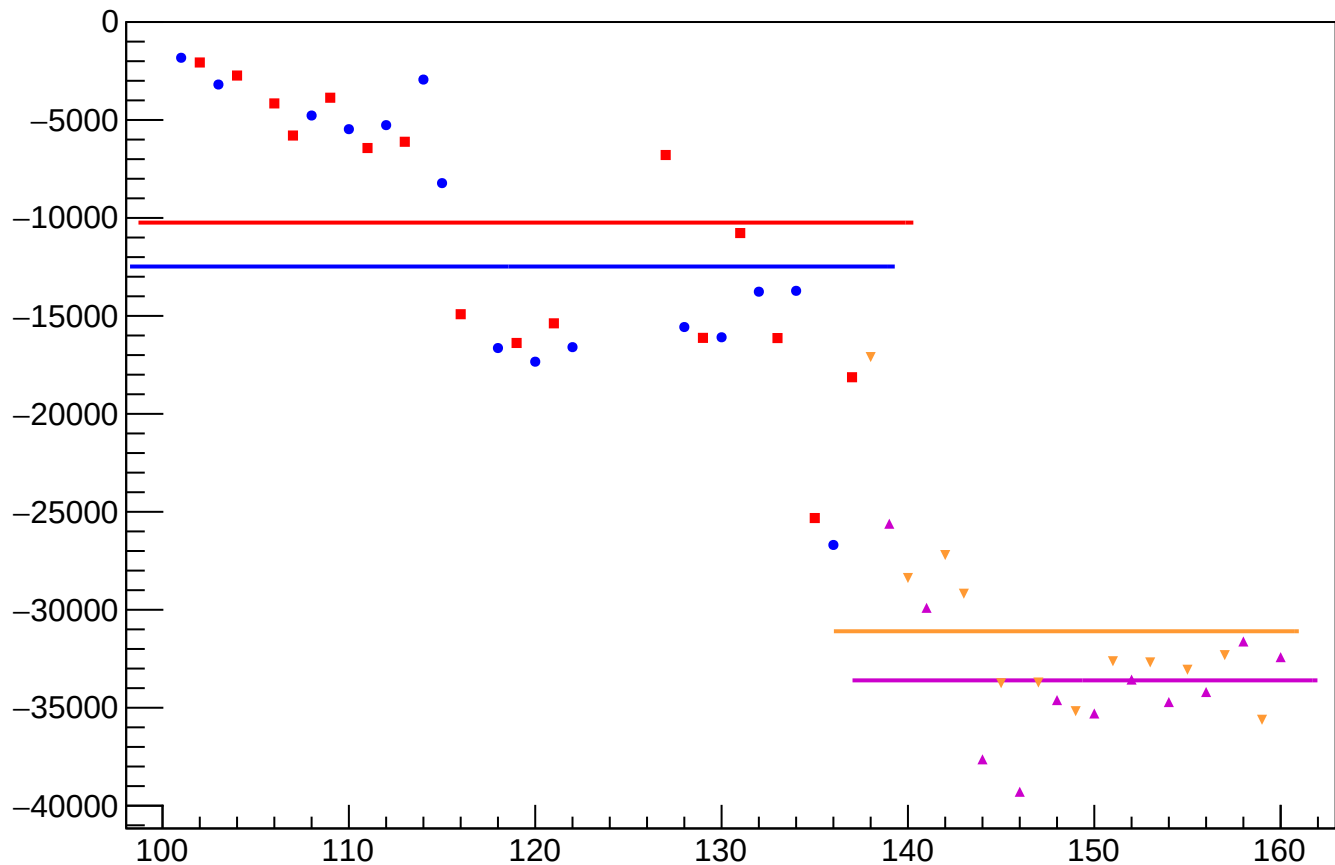
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- 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



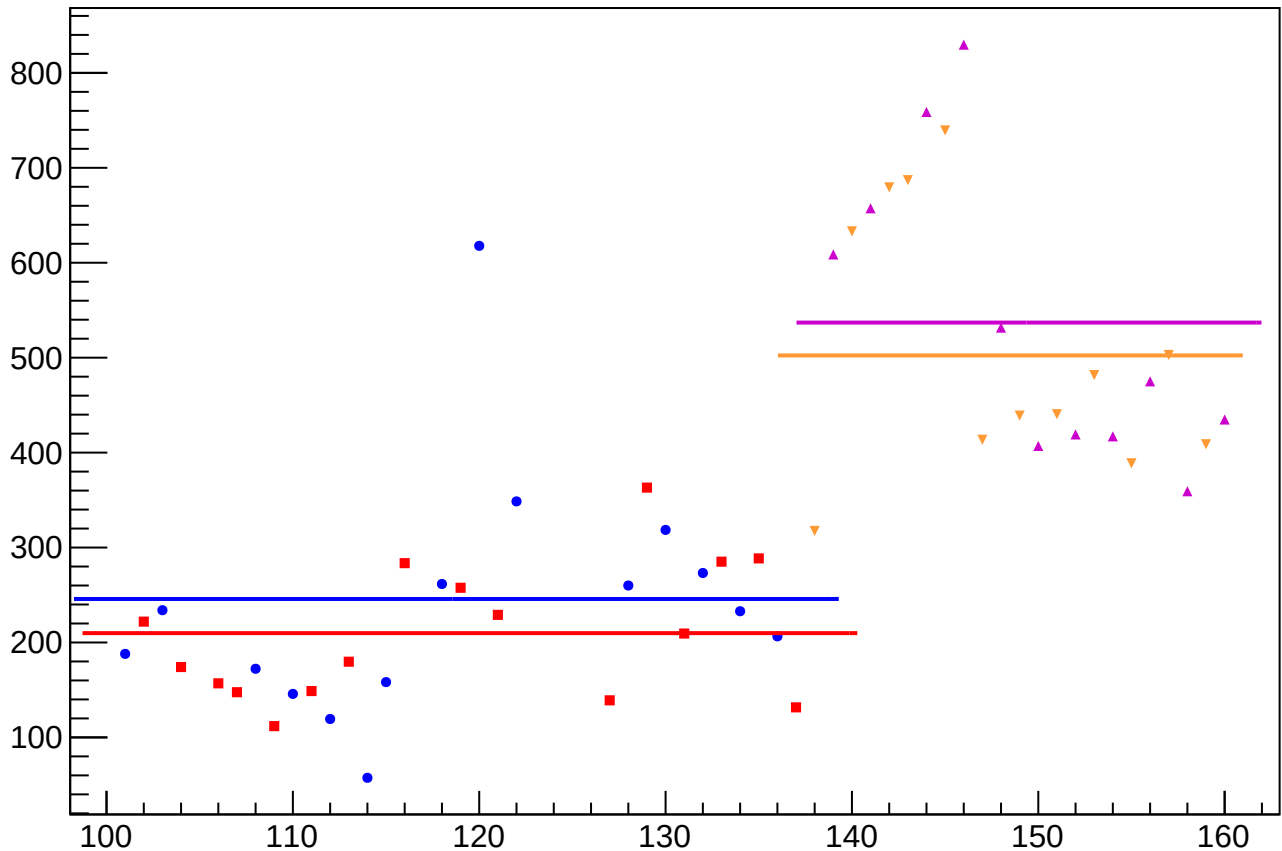
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

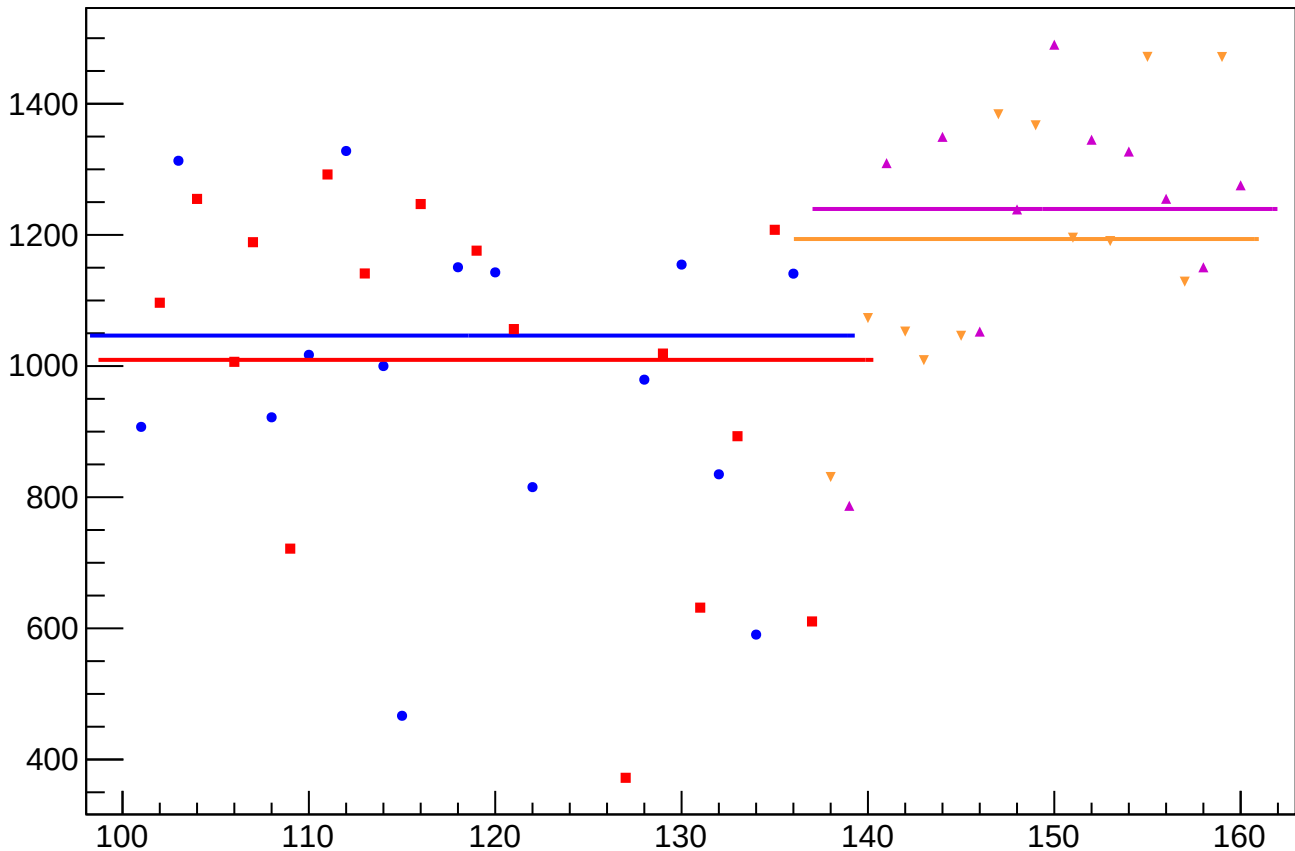
dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10

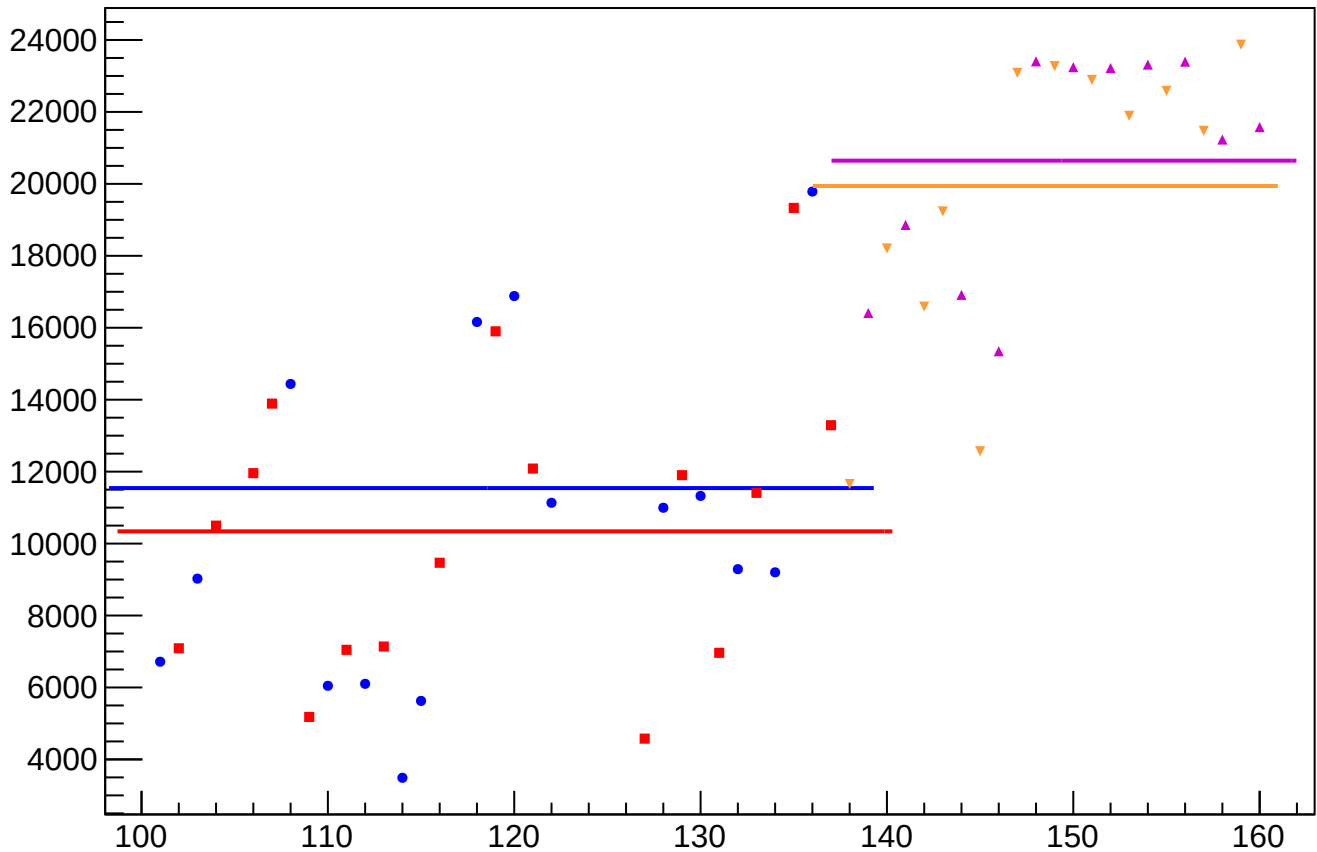
+ sign 395.846+/-0.000 χ^2/NDF : 479955291741577
 All: 397.856+/-0.000 χ^2/NDF : 113394044527
 - sign 399.831+/-0.000 χ^2/NDF : 653859962401754

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

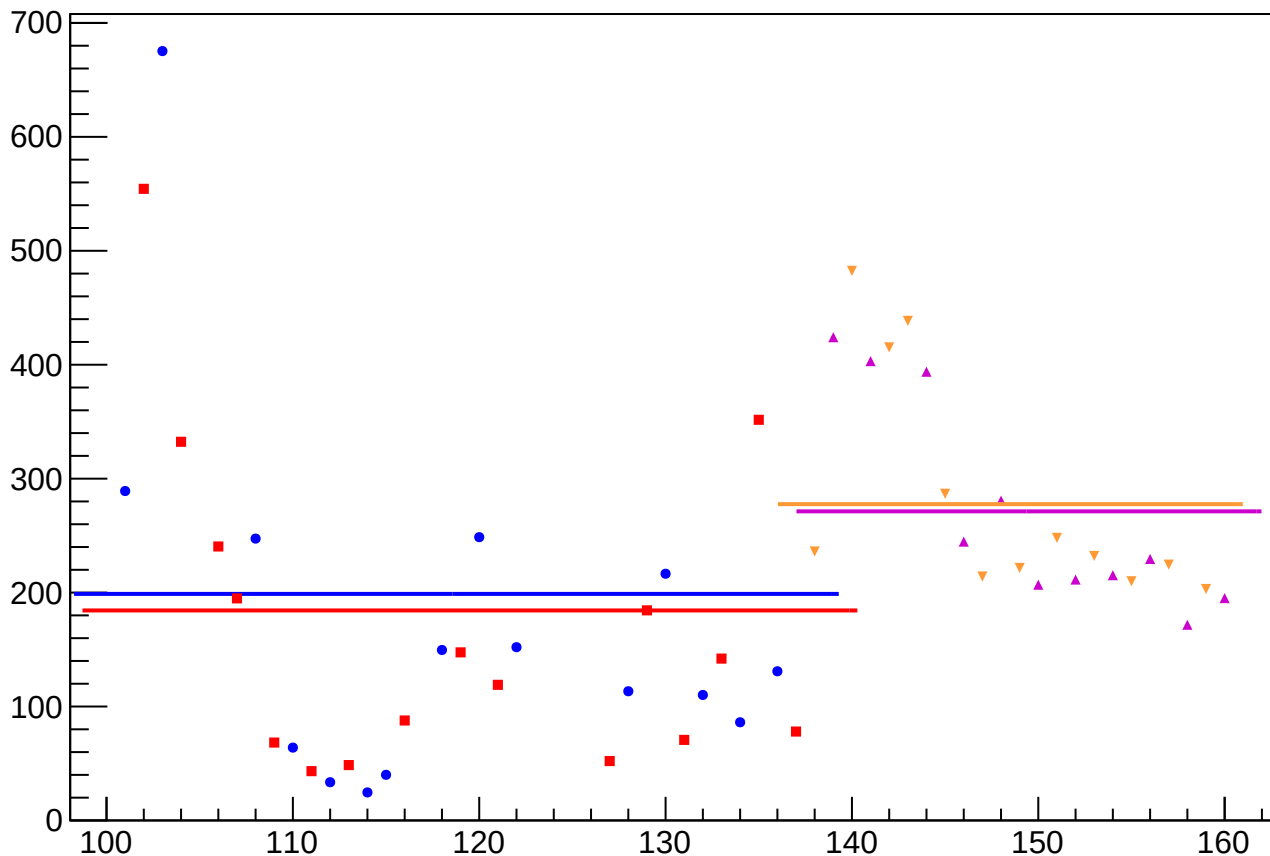
dit_sam7_coil1_mean vs Slug



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

+ sign 16453.470+/-0.000 χ^2/NDF : 5606673689556
 All: 16388.663+/-0.000 χ^2/NDF : 1169361701
 - sign 16324.997+/-0.000 χ^2/NDF : 6085641974902

dit_sam7_coil1_err_mean vs Slug



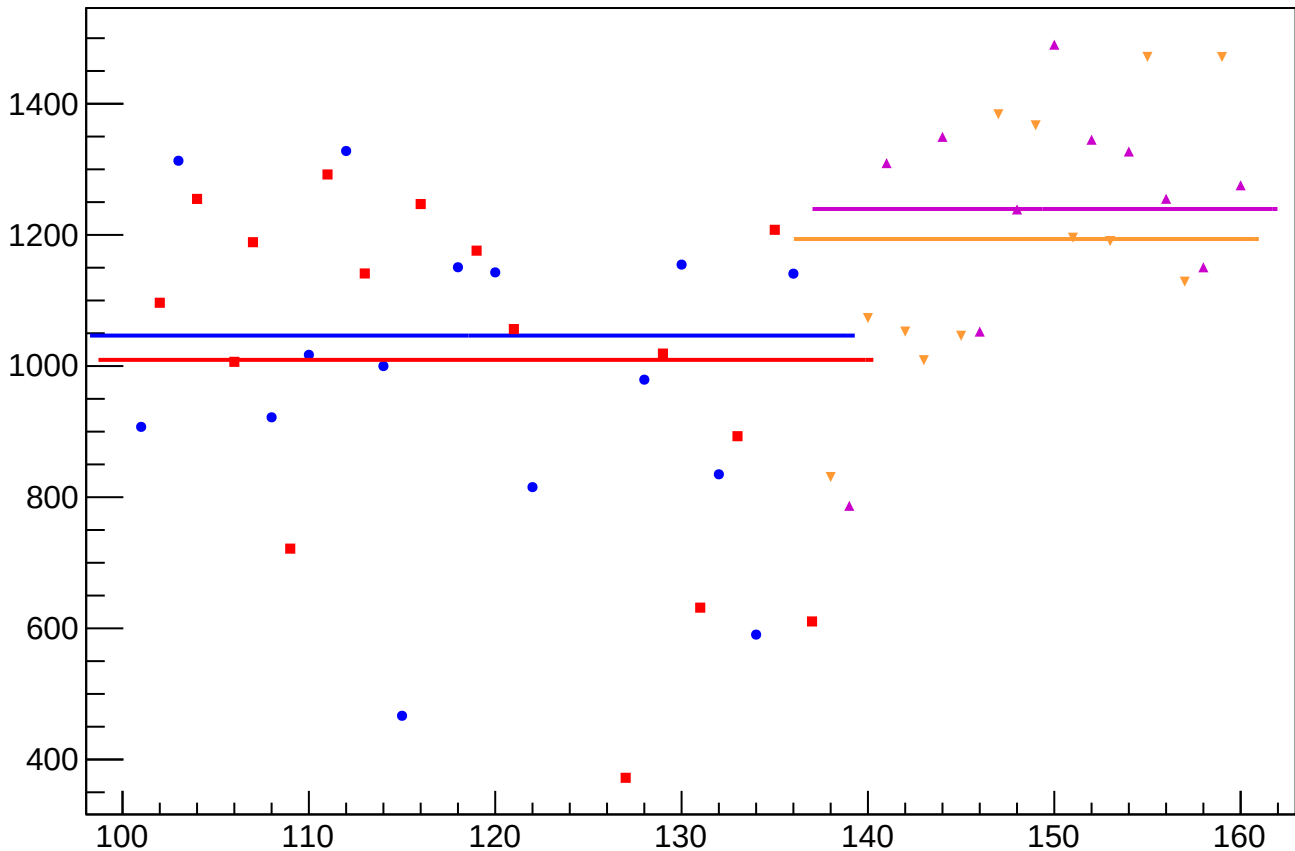
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

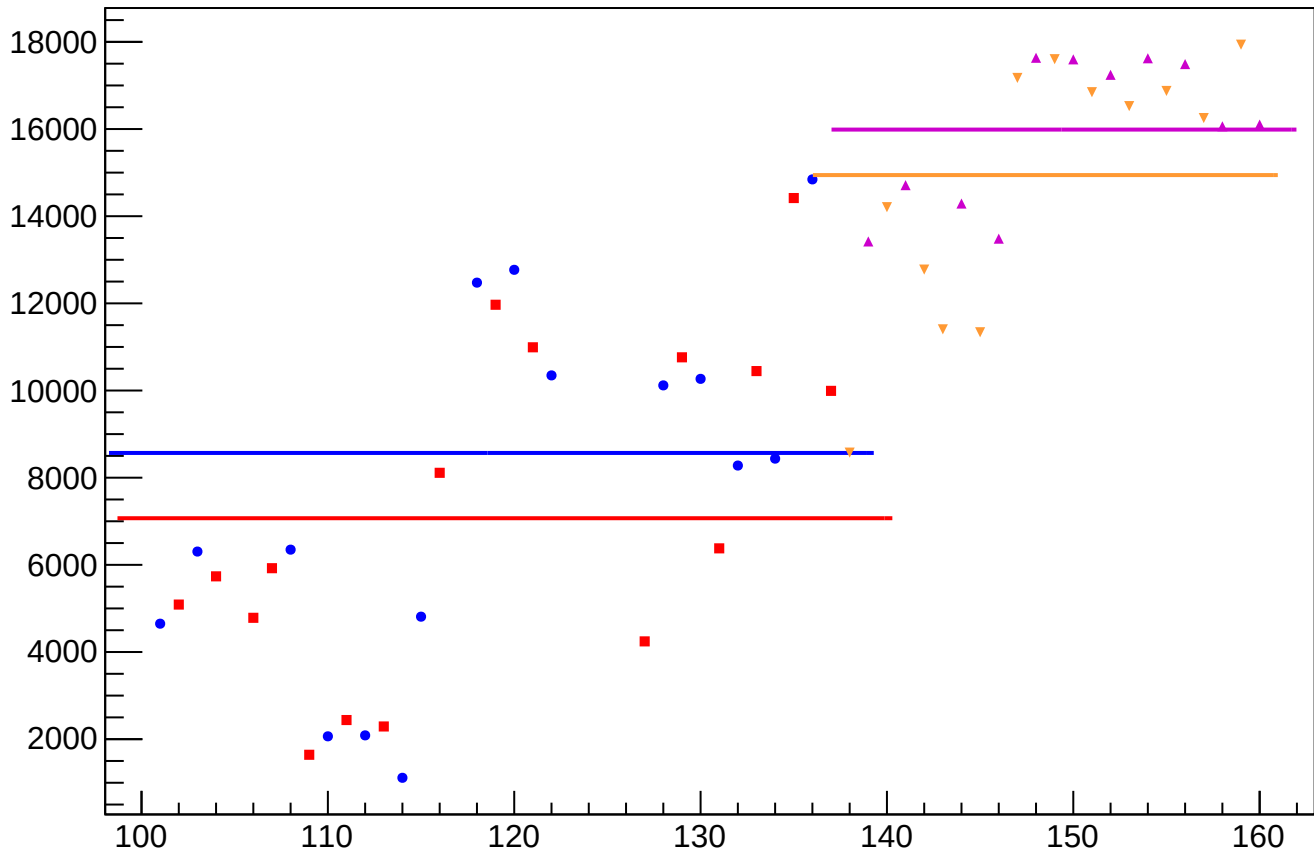
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

dit_sam7_coil1_Ndata_mean vs Slug



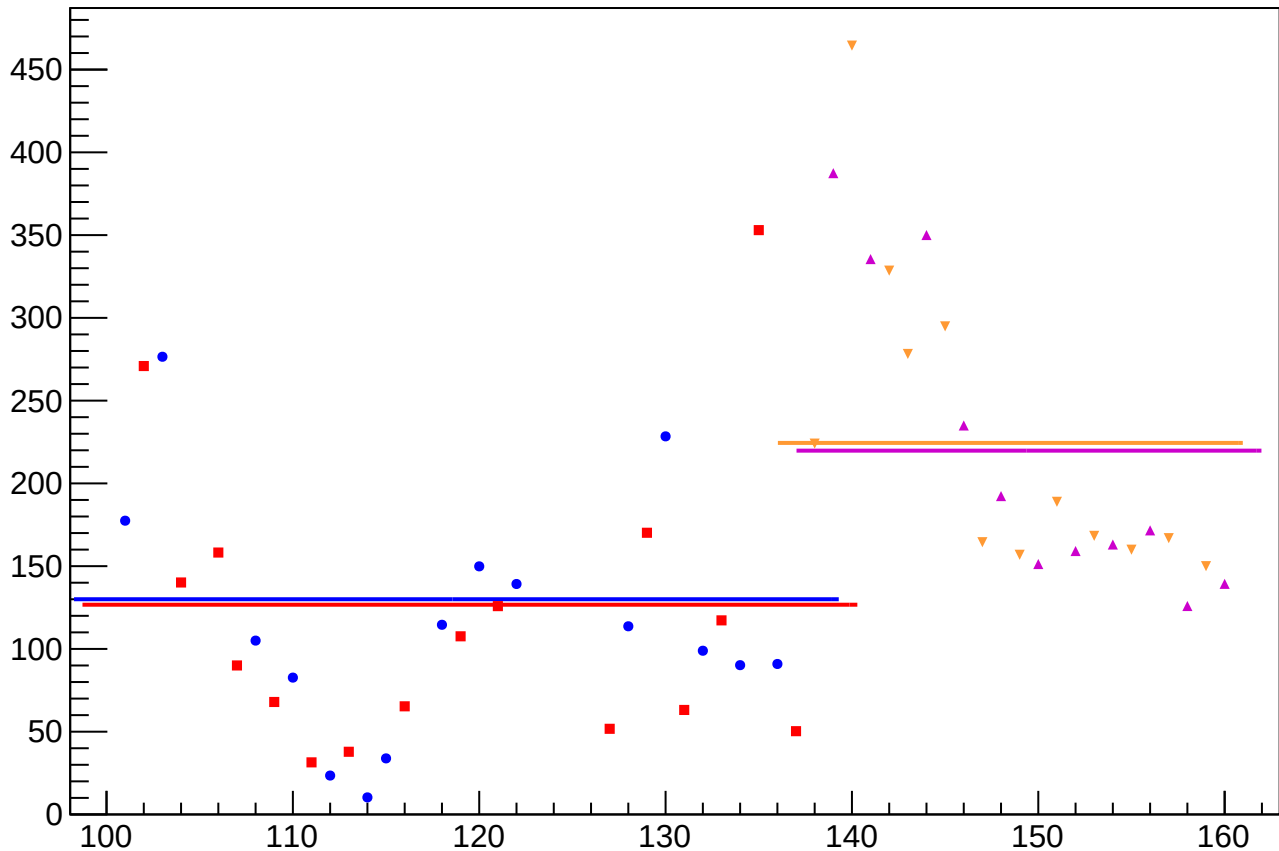
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



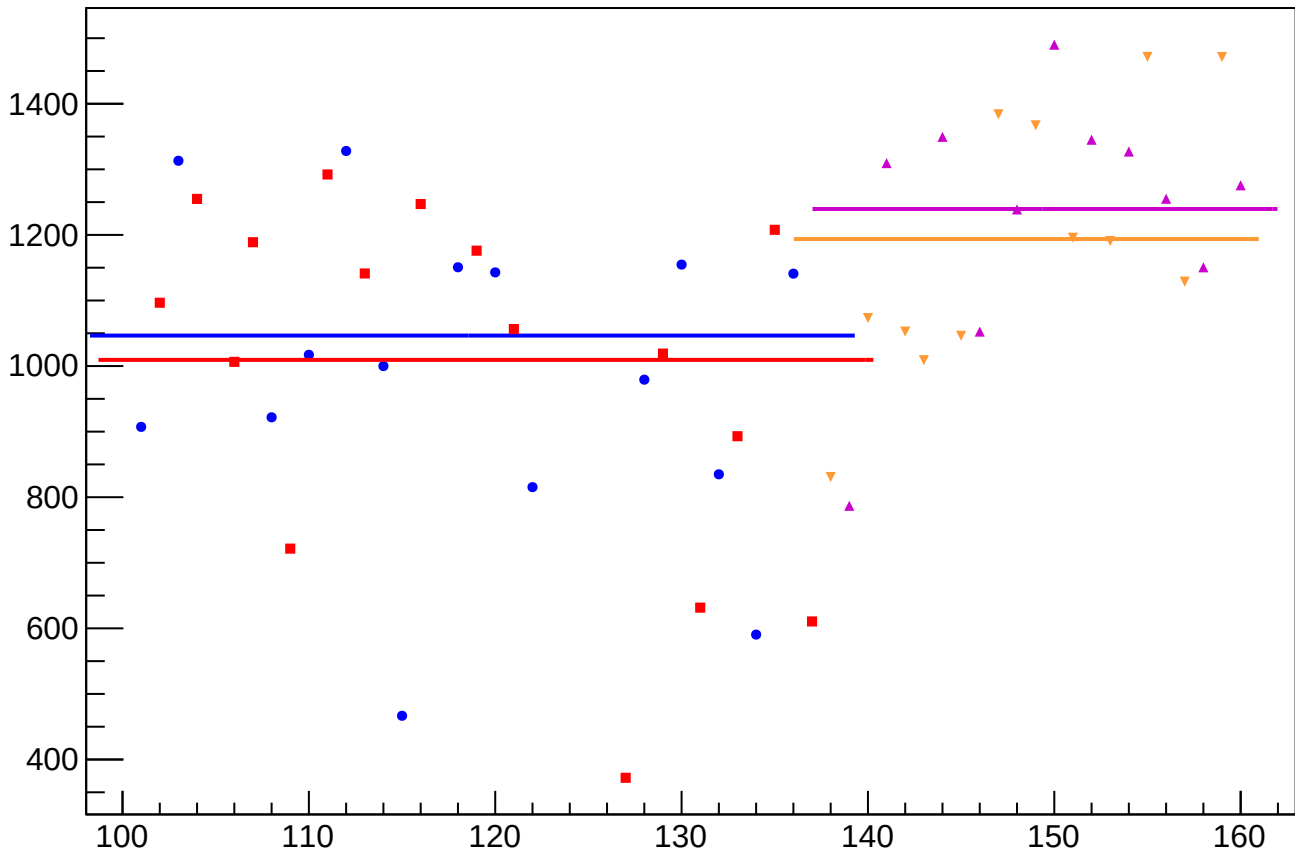
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



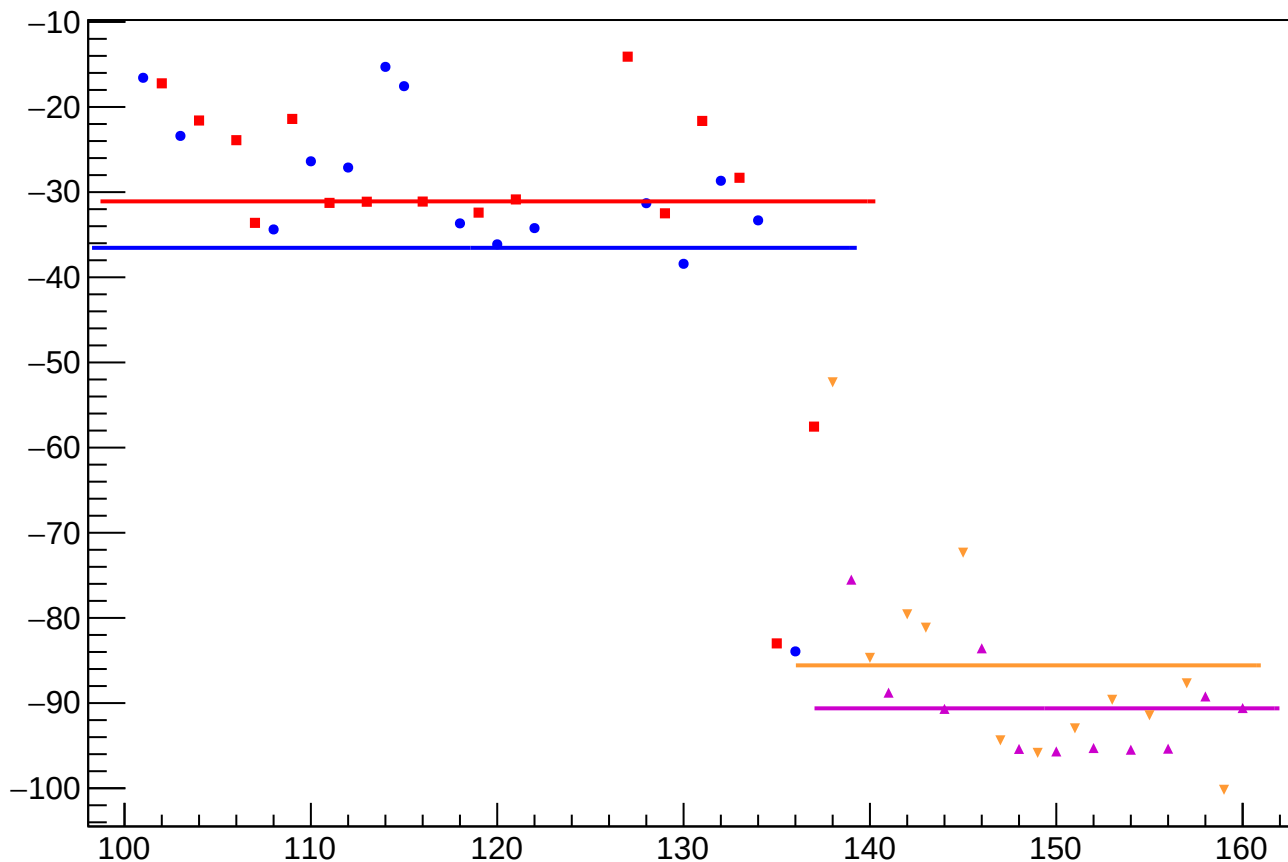
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 224.458+/-0.000 χ^2/NDF : 7870394140048491055430374232164401152.0/11
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

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 $\chi^2/\text{NDF}: 254351867861444609202637633864335360.0/14$

Left Out: -85.570 ± 0.000 $\chi^2/\text{NDF}: 143557776257547990865591640732467200.0/11$

Right Out: -31.085 ± 0.000 $\chi^2/\text{NDF}: 181291079119381636178408498876383232.0/15$

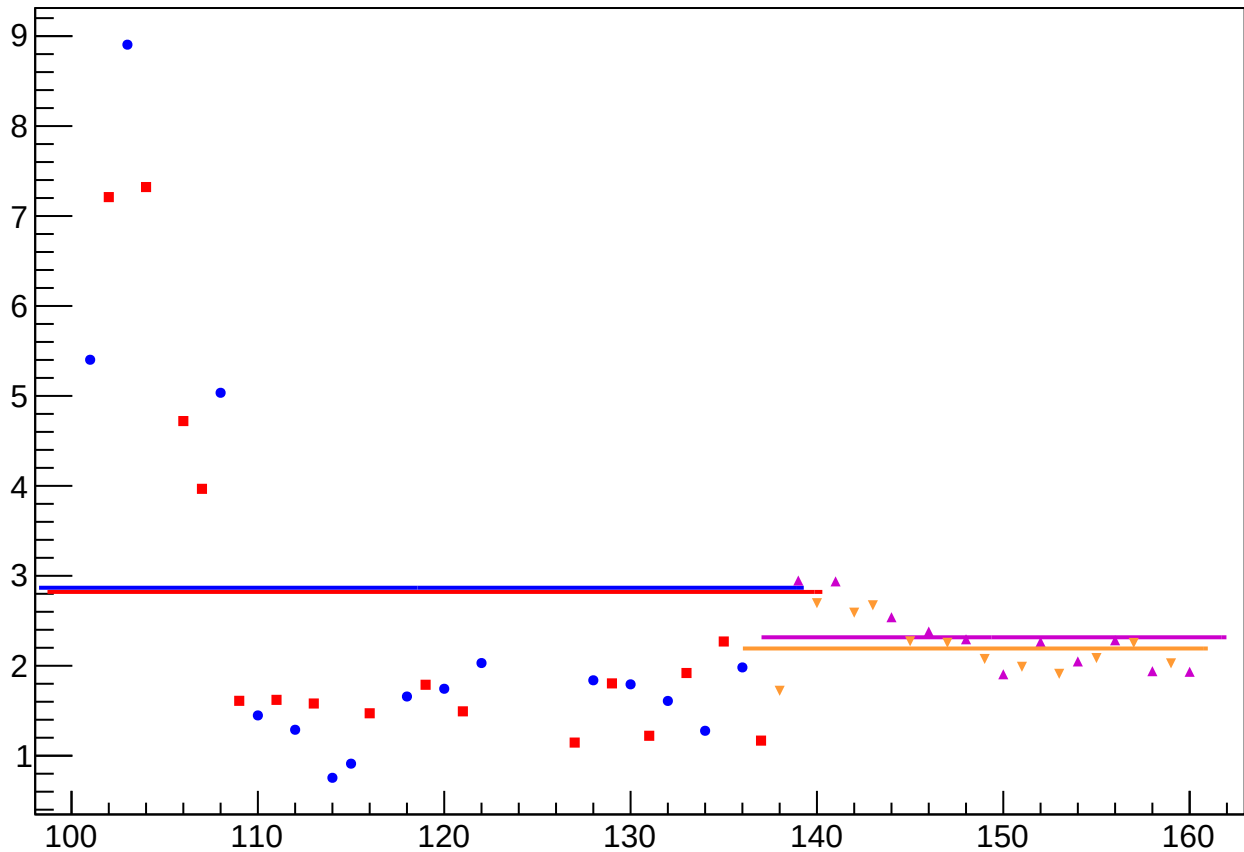
Left In: -90.618 ± 0.000 $\chi^2/\text{NDF}: 33089833083626408117297955498622976.0/10$

+ sign -65.212 ± 0.000 $\chi^2/\text{NDF}: 131026728865009$

All: -65.438 ± 0.000 $\chi^2/\text{NDF}: 289770508585$

- sign -65.660 ± 0.000 $\chi^2/\text{NDF}: 1587279434769043$

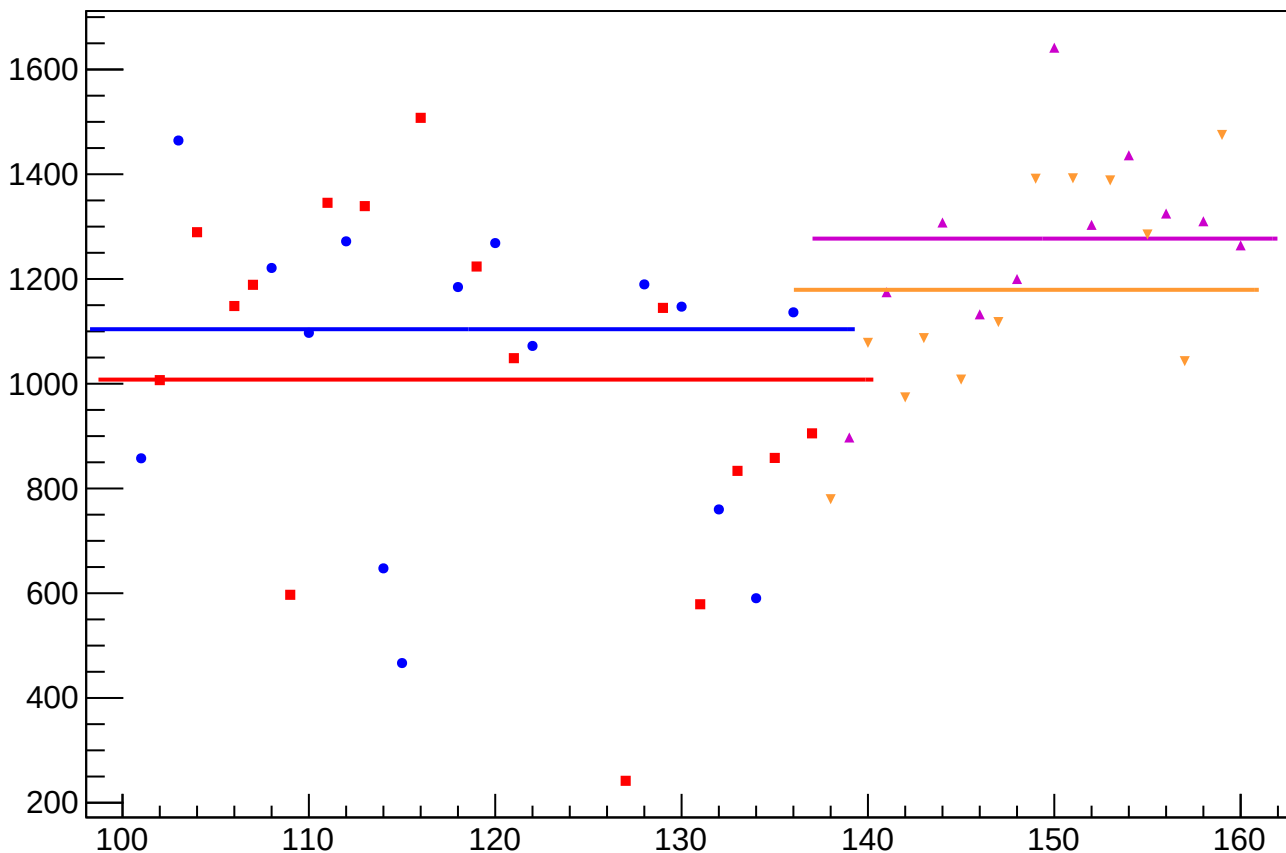
dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000 χ^2 /NDF: 3455499087584693564208174061322240.0/14
 Left Out: 2.192 $\pm$ 0.000 χ^2 /NDF: 76043906789141561084580015898624.0/11
 Right Out: 2.821 $\pm$ 0.000 χ^2 /NDF: 3052948718107902490497172912472064.0/15
 Left In: 2.317 $\pm$ 0.000 χ^2 /NDF: 114372564725079889099013285216256.0/10

+ sign 2.472 $\pm$ 0.000 χ^2 /NDF: 37046486848107534
 All: 2.501 $\pm$ 0.000 χ^2 /NDF: 69729663973613
 - sign 2.528 $\pm$ 0.000 χ^2 /NDF: 32658845827885062

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

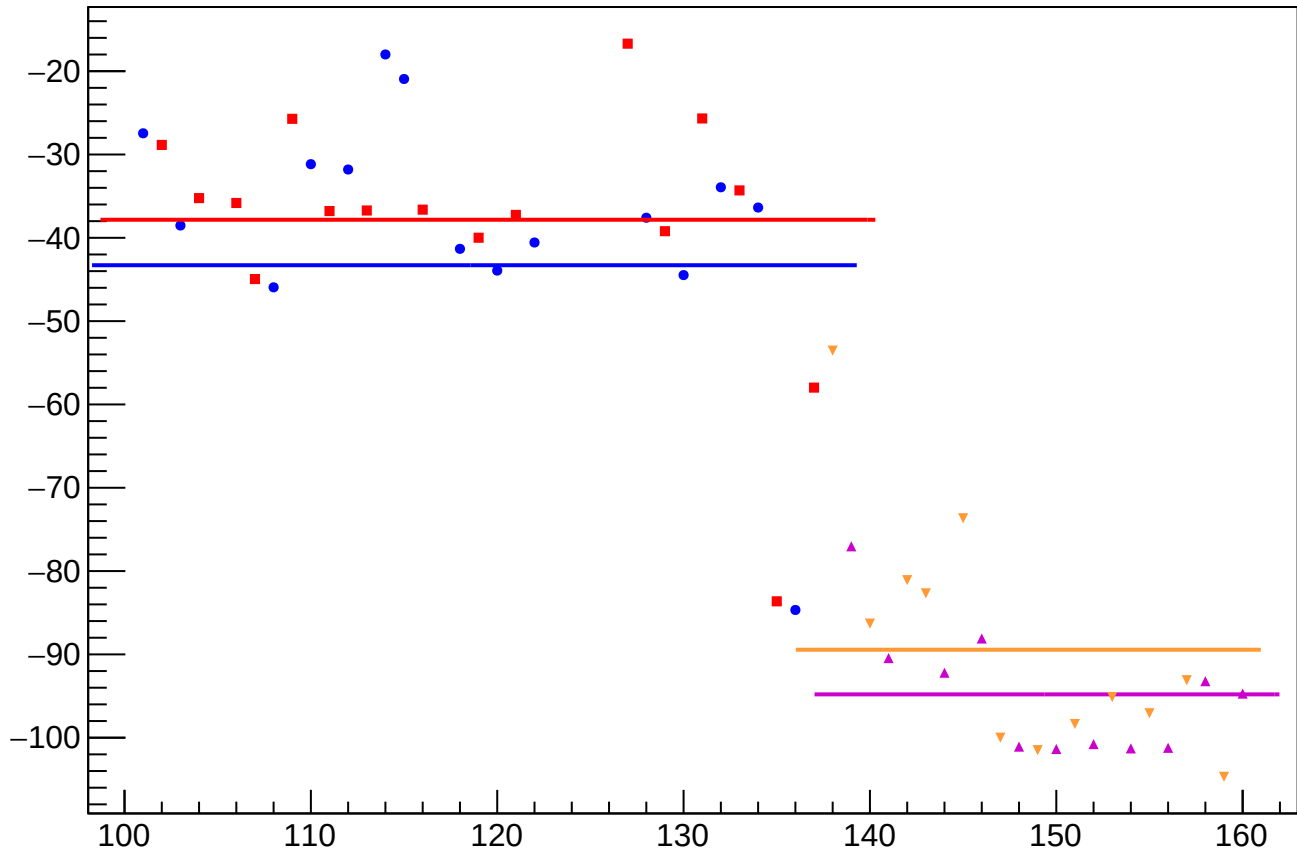
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

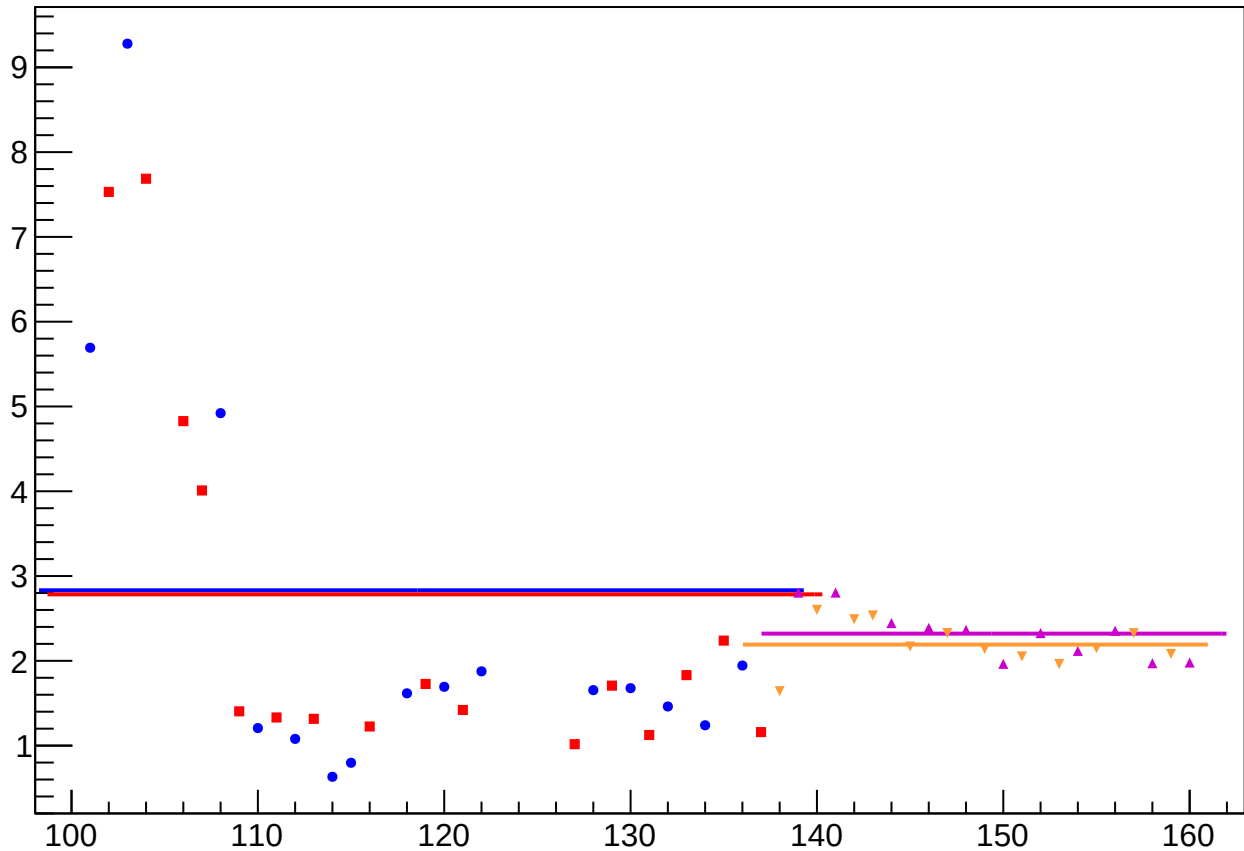
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

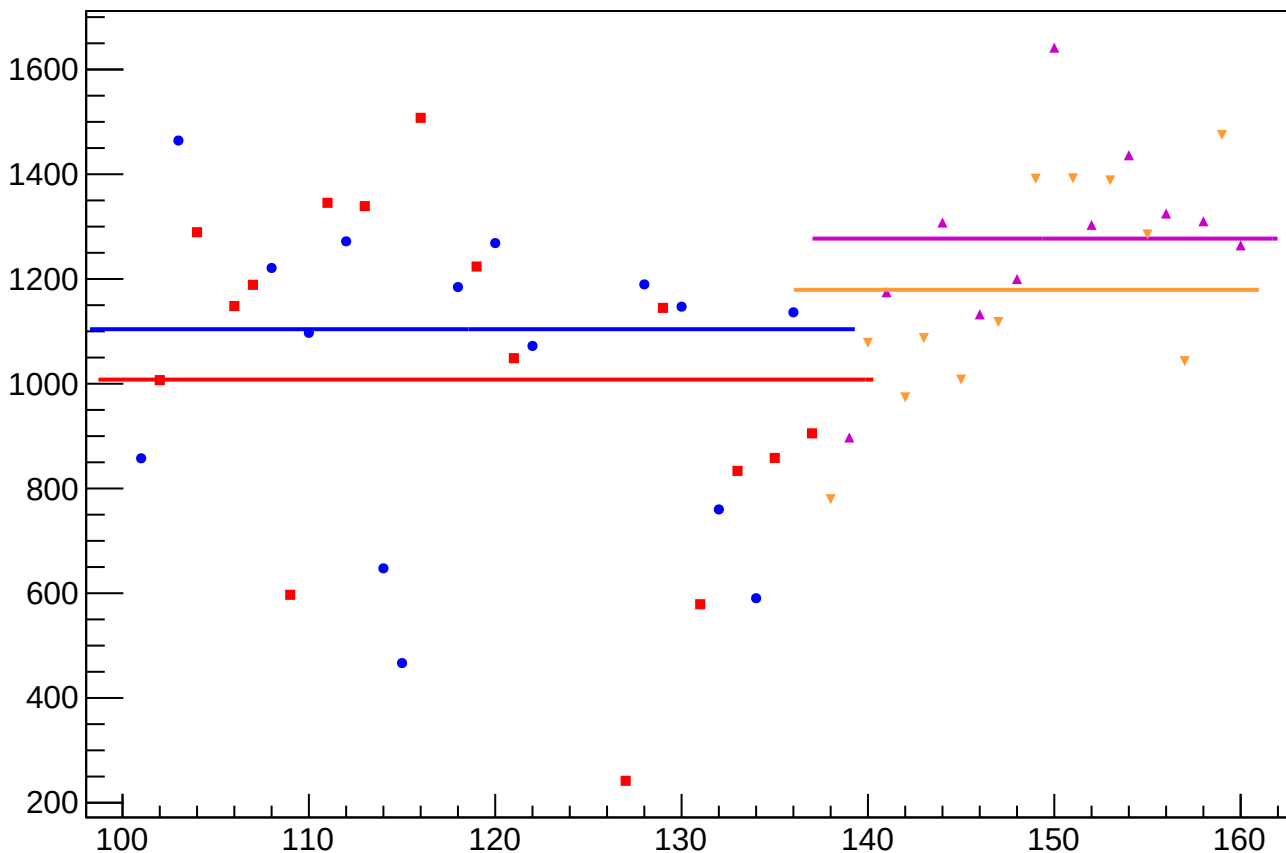
dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000	χ^2/NDF : 3957672531929017328512564323155968.0/14
Left Out: 2.192+/-0.000	χ^2/NDF : 59601559247415008947816525463552.0/11
Right Out: 2.784+/-0.000	χ^2/NDF : 3589544956108116898091236897849344.0/15
Left In: 2.321+/-0.000	χ^2/NDF : 74619123224616324544404505231360.0/10

+ sign 2.458+/-0.000 χ^2/NDF : 41727539916182850
 All: 2.487+/-0.000 χ^2/NDF : 79226954476556
 - sign 2.515+/-0.000 χ^2/NDF : 37473289103826657

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

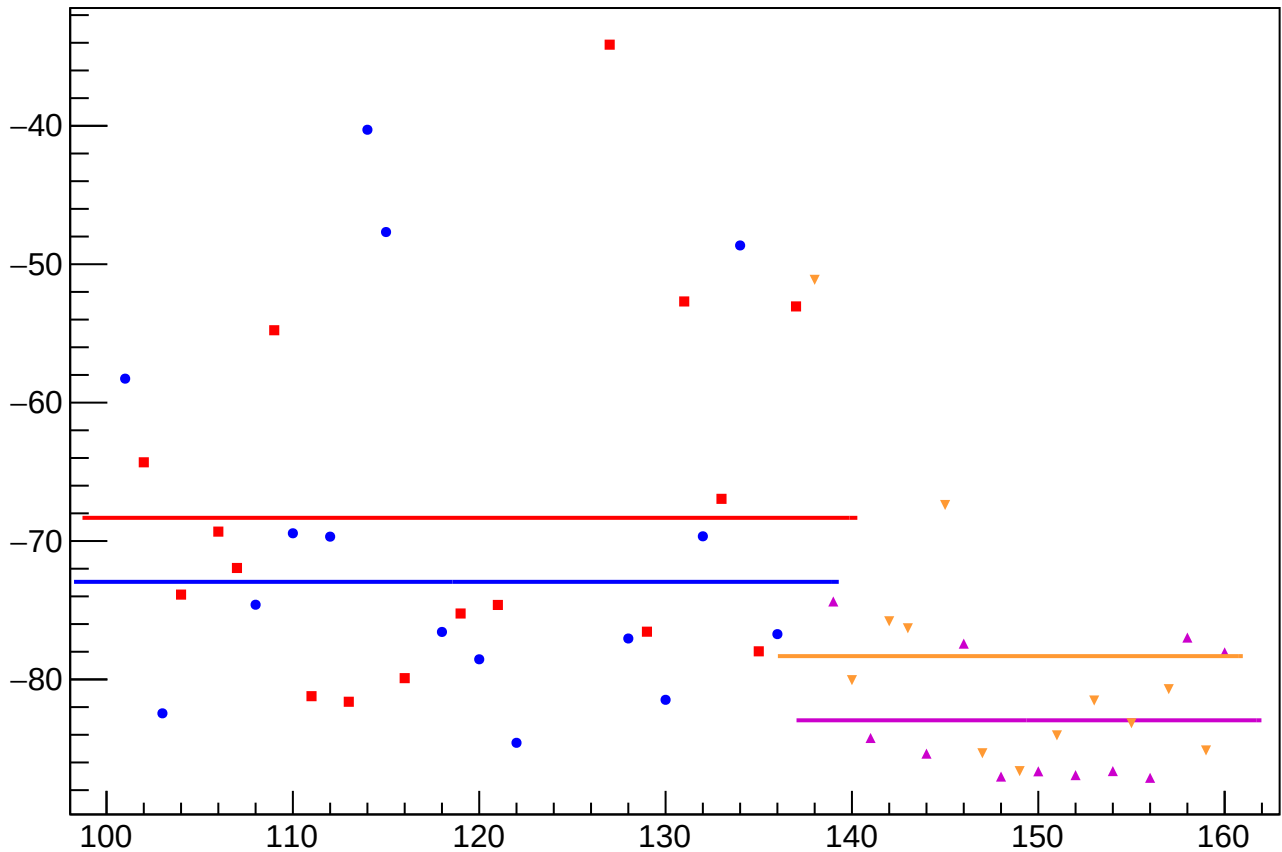
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

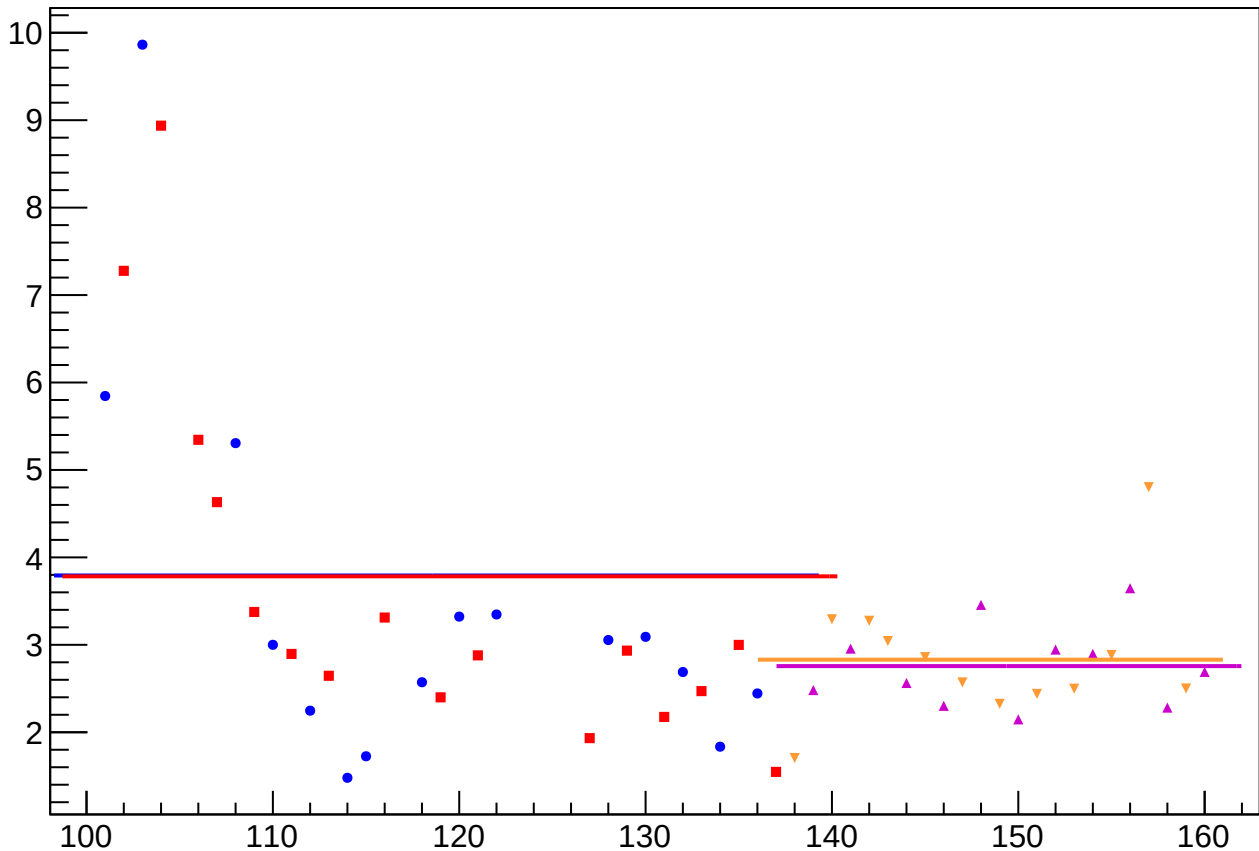
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_11X12X_coil3_mean vs Slug



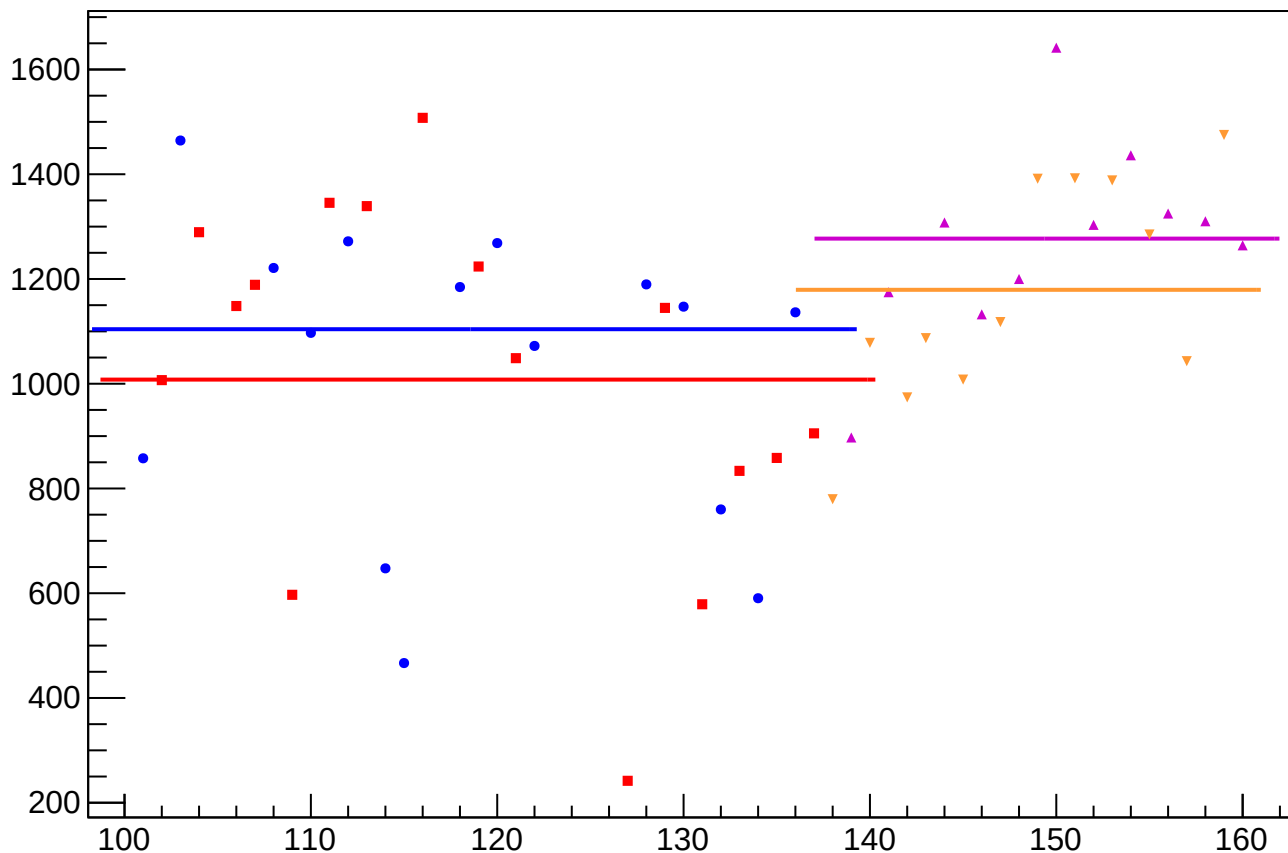
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -78.317+/-0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11
 Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: -82.954+/-0.000 χ^2/NDF : 20419157774877297849205303170564096.0/10
 All: -76.457+/-0.000 χ^2/NDF : 374001309343
 + sign -76.088+/-0.000 χ^2/NDF : 163548804335171
 - sign -76.820+/-0.000 χ^2/NDF : 2100293287177657

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

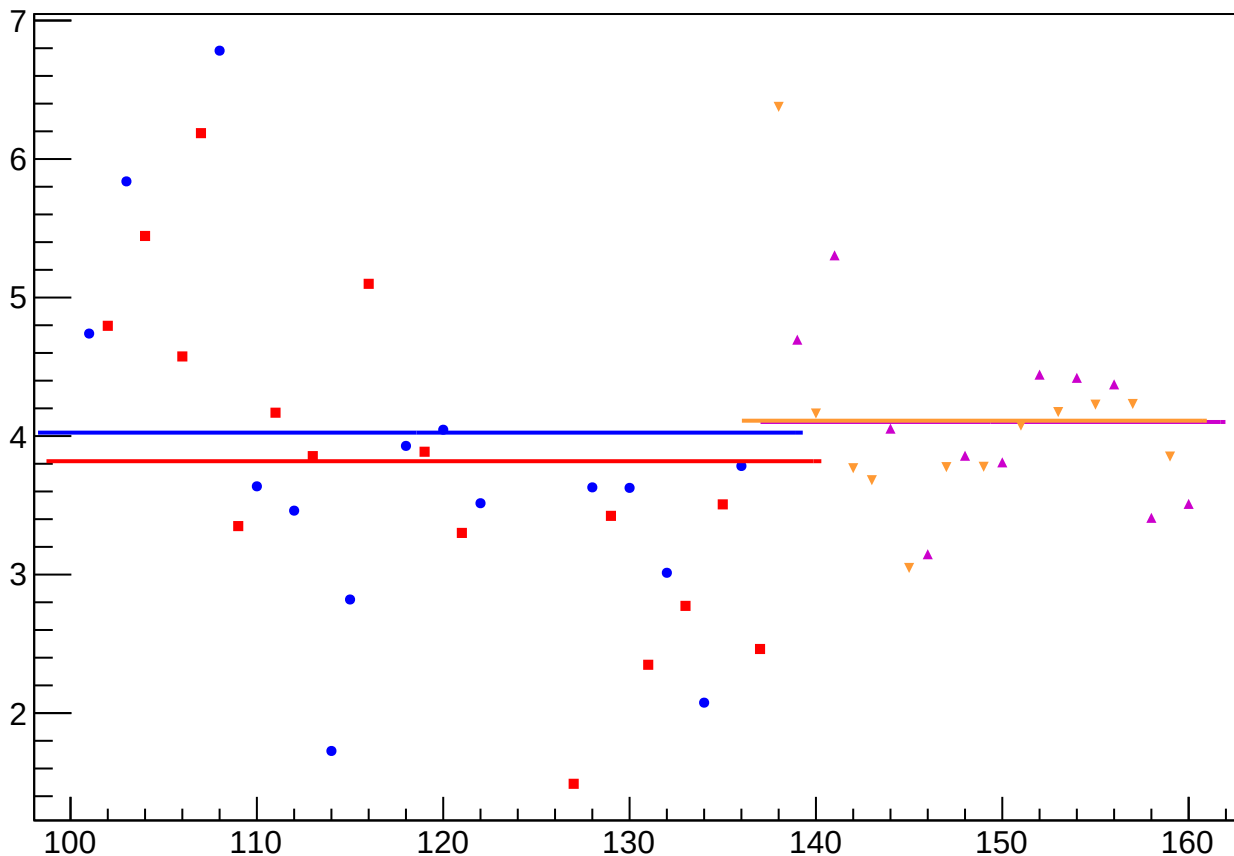
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

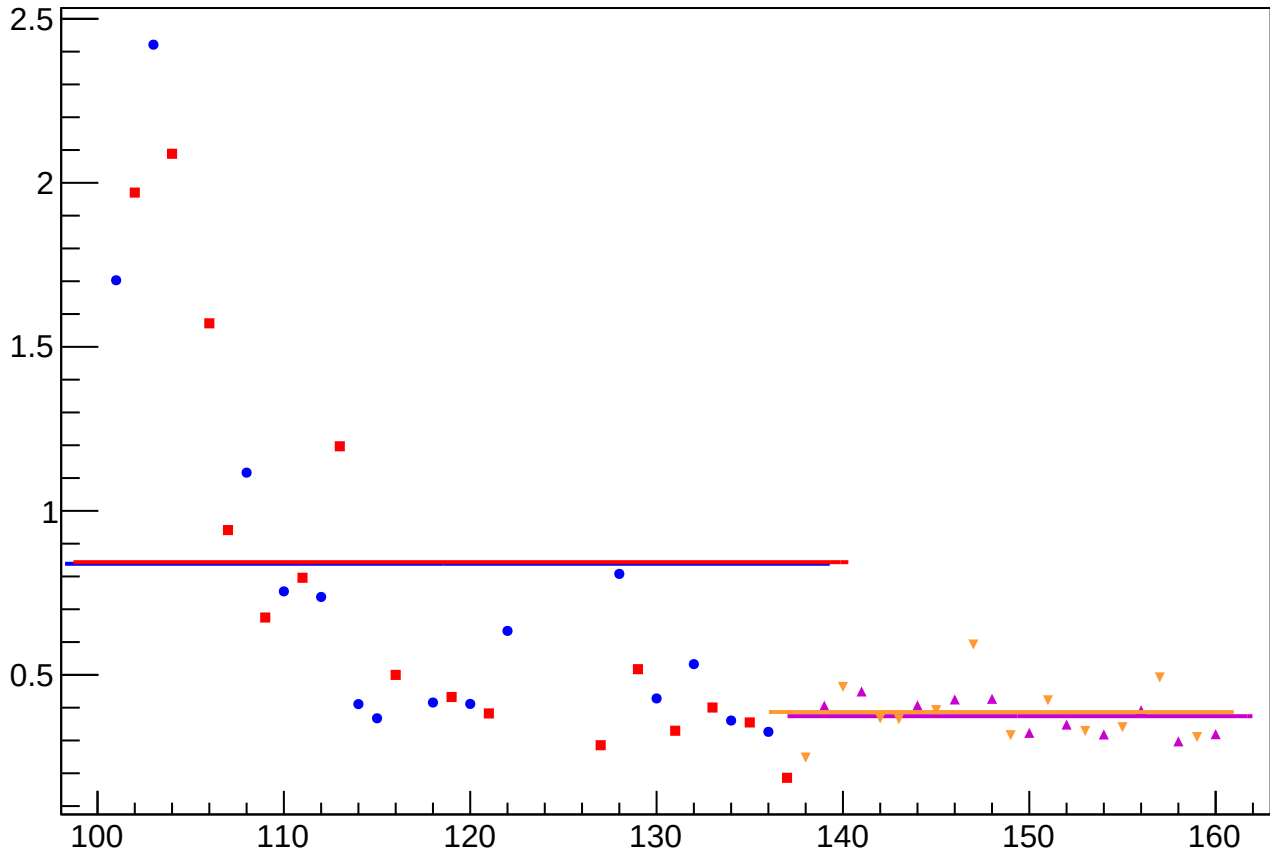
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ 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



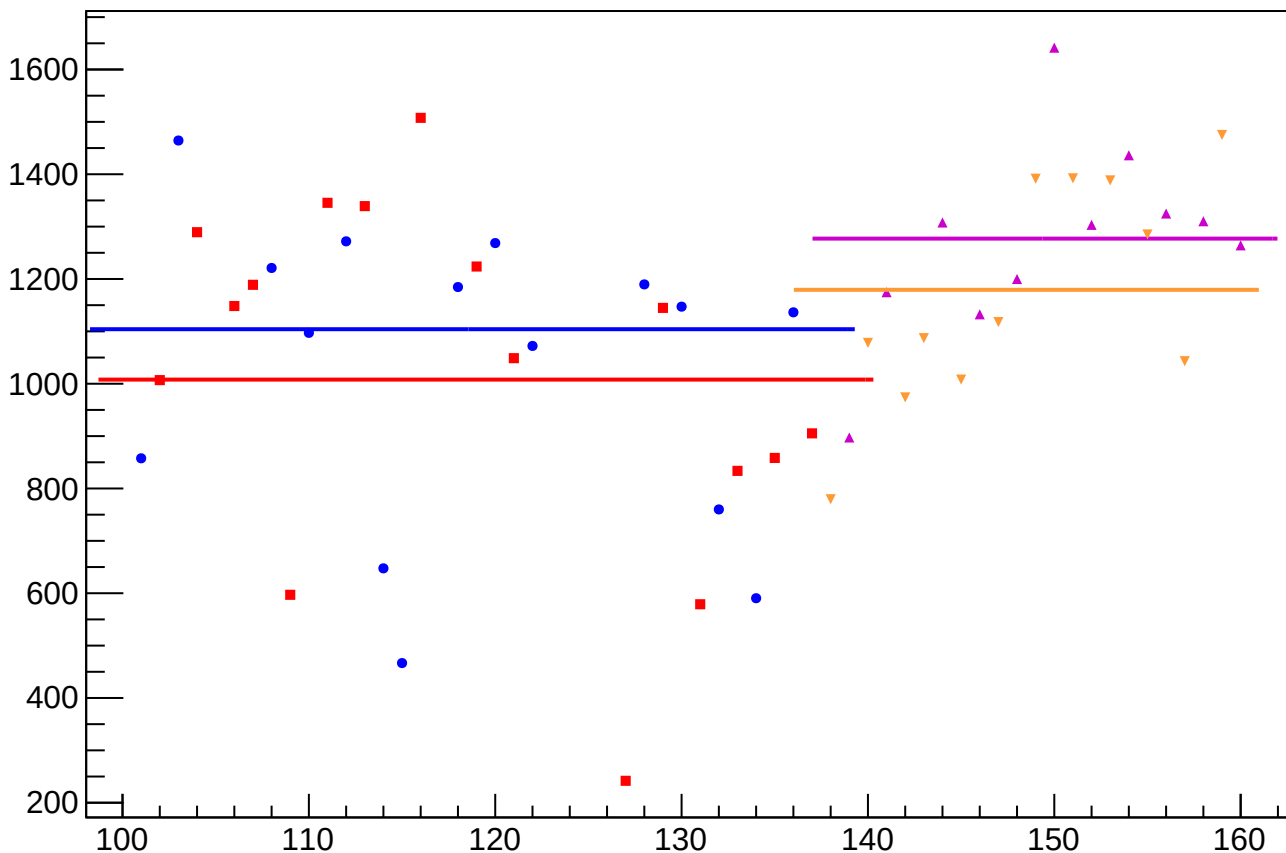
Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14

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

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

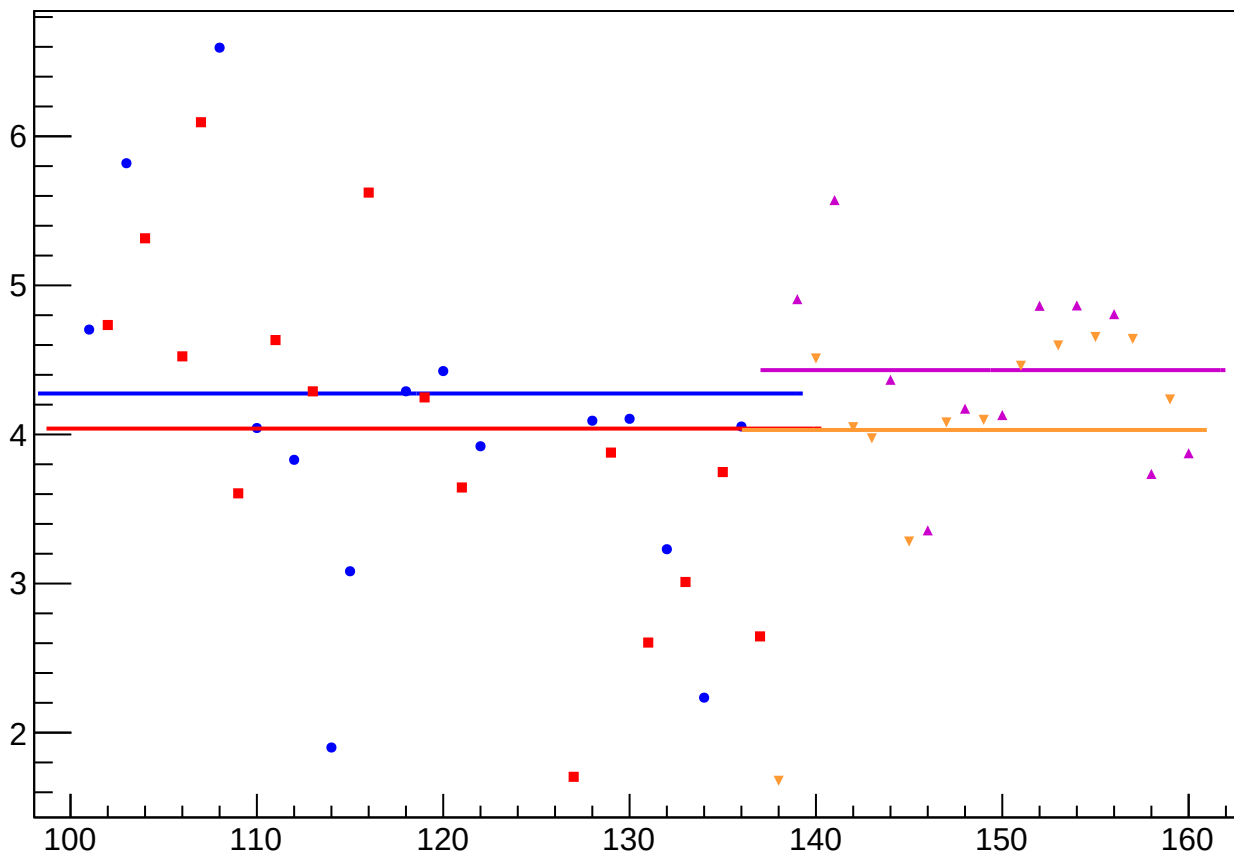
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

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: 4.039+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

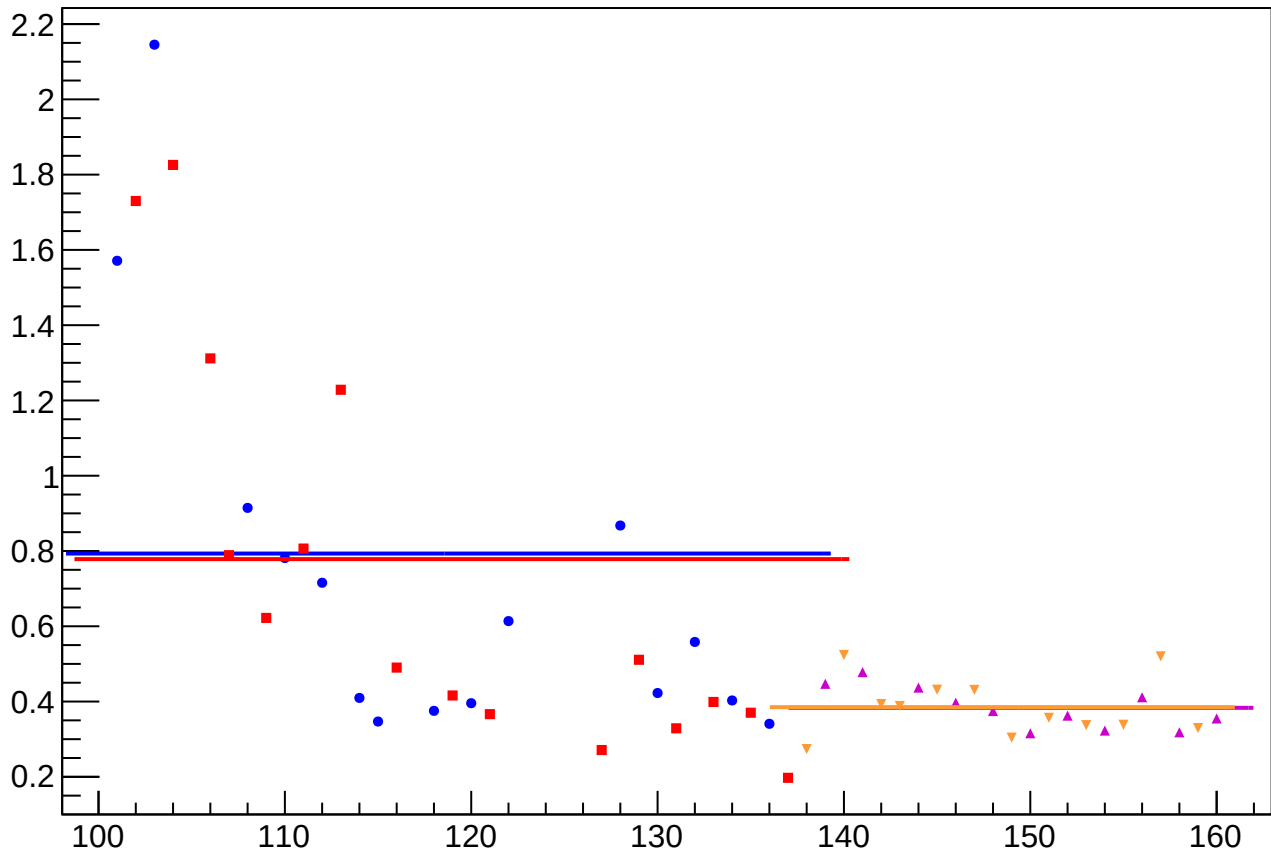
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

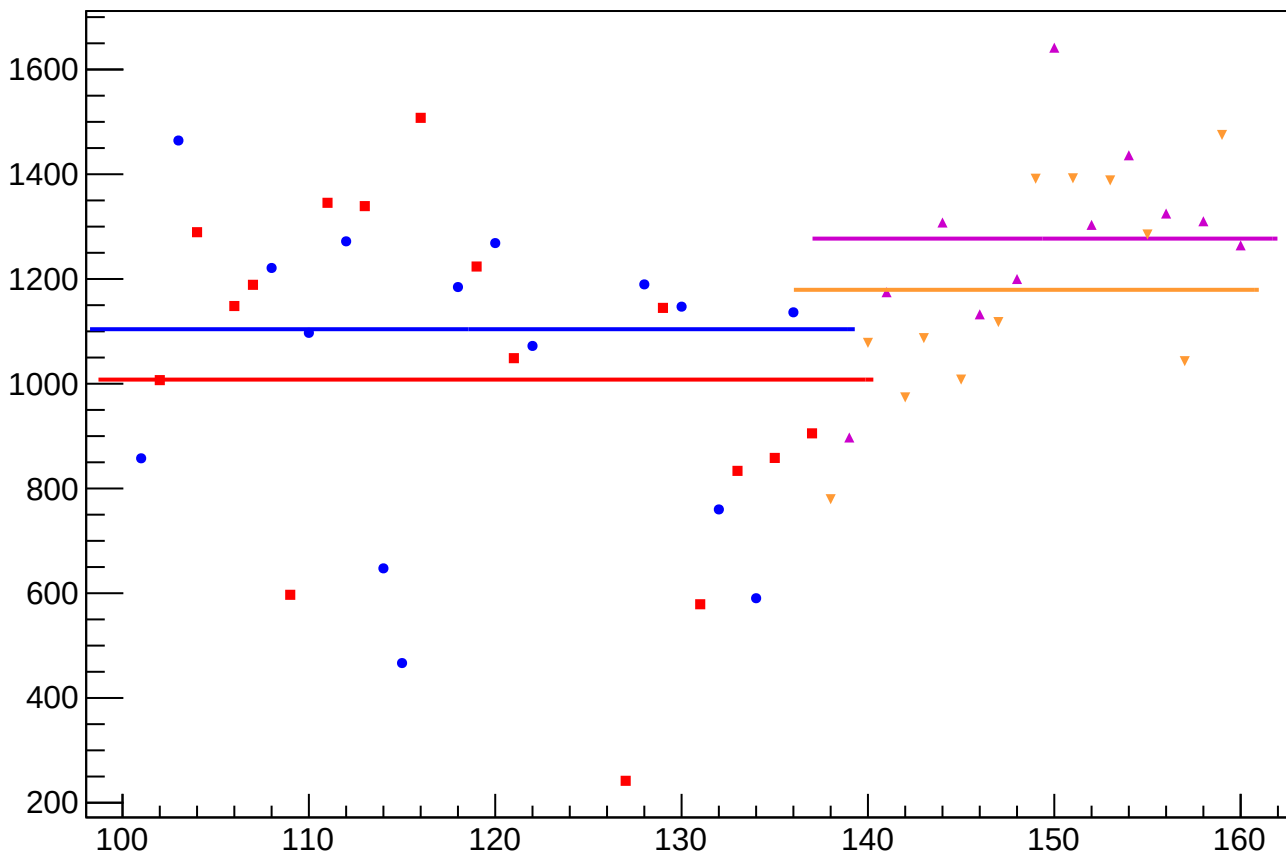
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

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

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

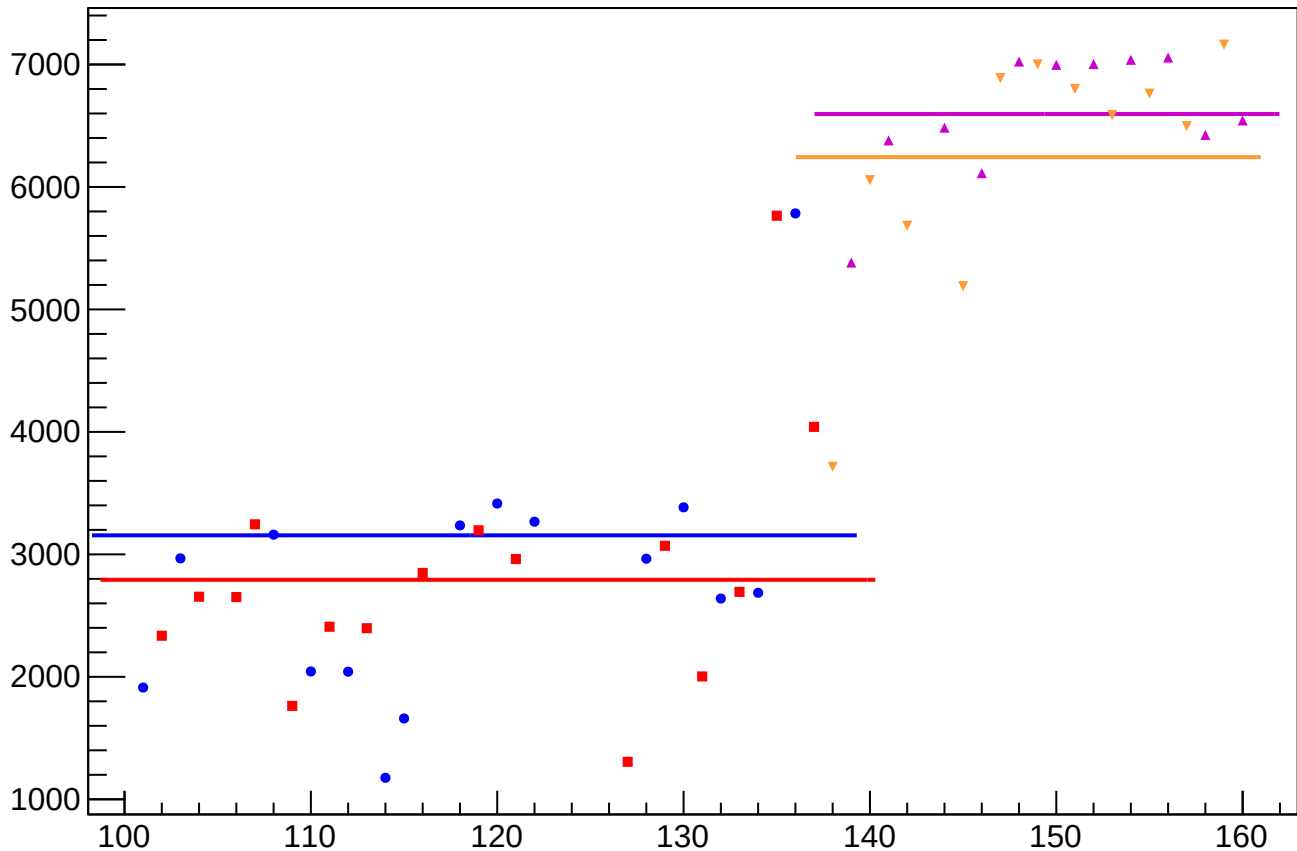
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

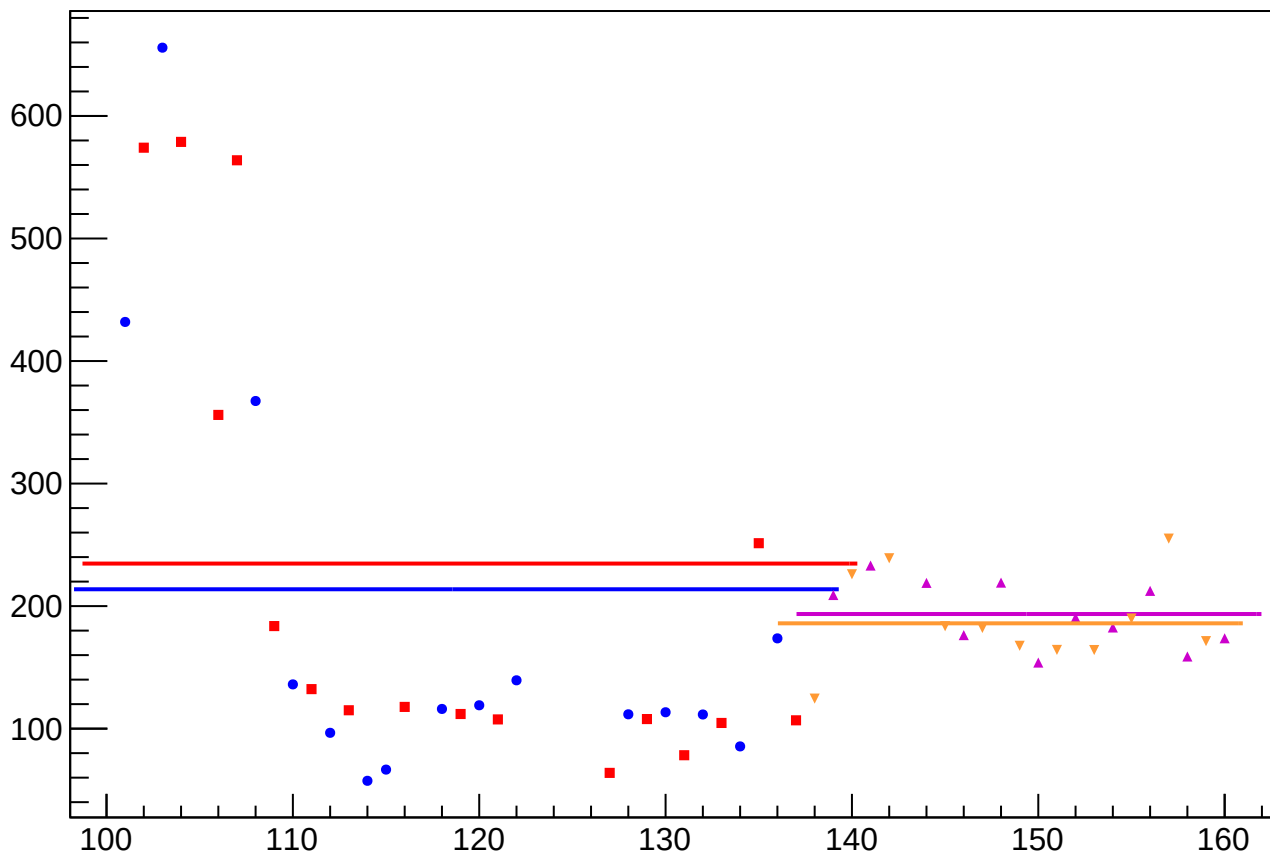
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_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

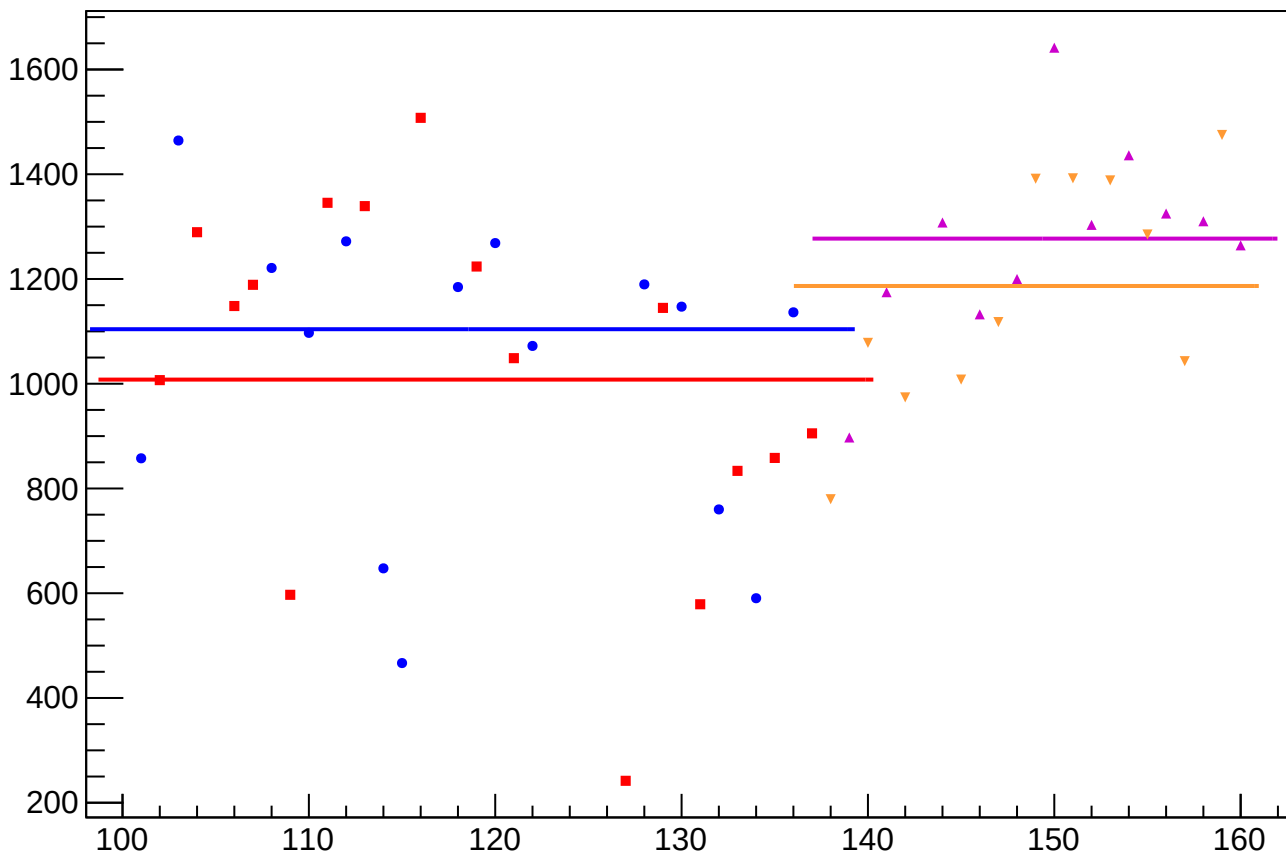
All: 204.600+/-0.000 χ^2/NDF : 464545737853

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 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1186.635 $\pm$ 0.000 χ^2 /NDF: 38127290182419373090636614603236179968.0/10

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

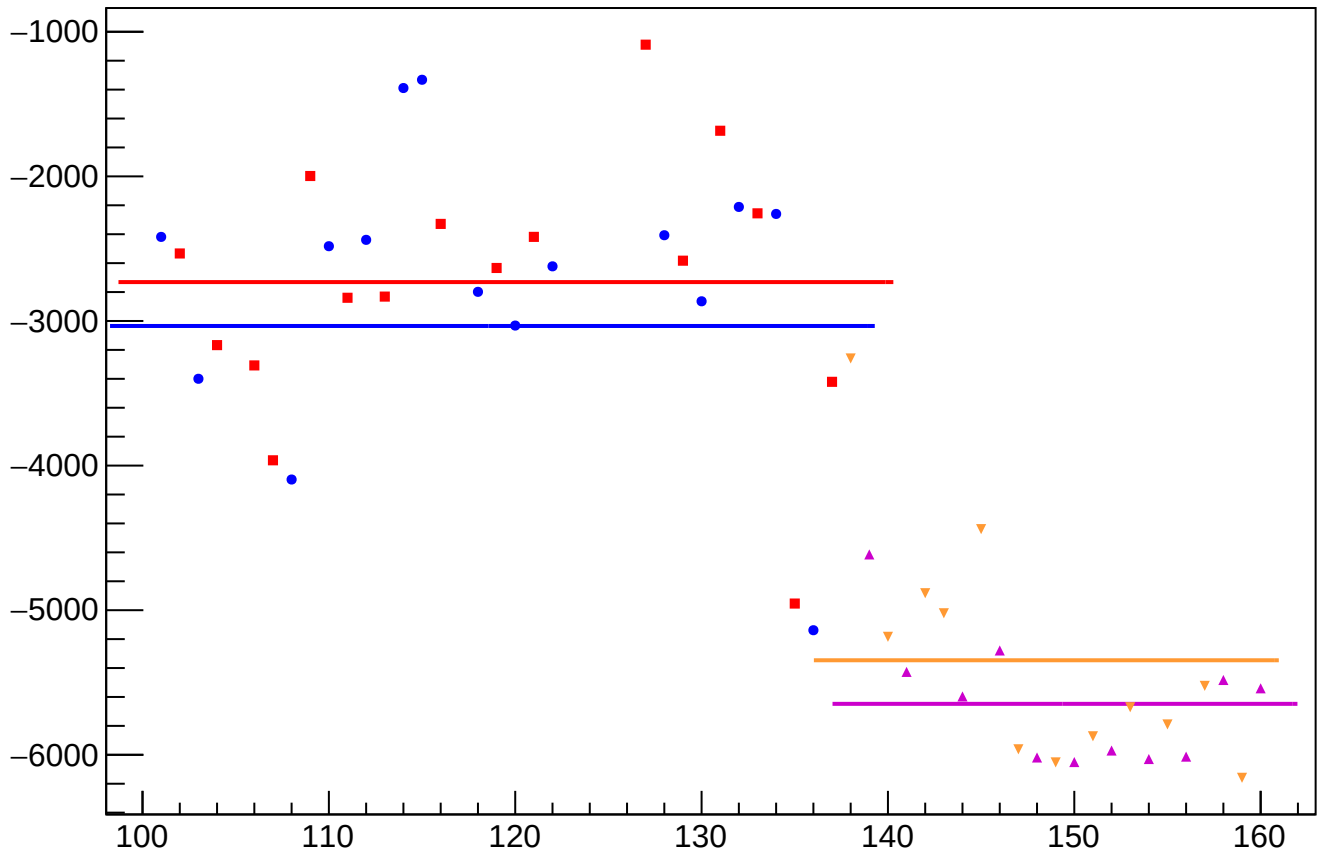
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1150.834 $\pm$ 0.000 χ^2 /NDF: 73367548377833

All: 1157.745 $\pm$ 0.000 χ^2 /NDF: 20023337148

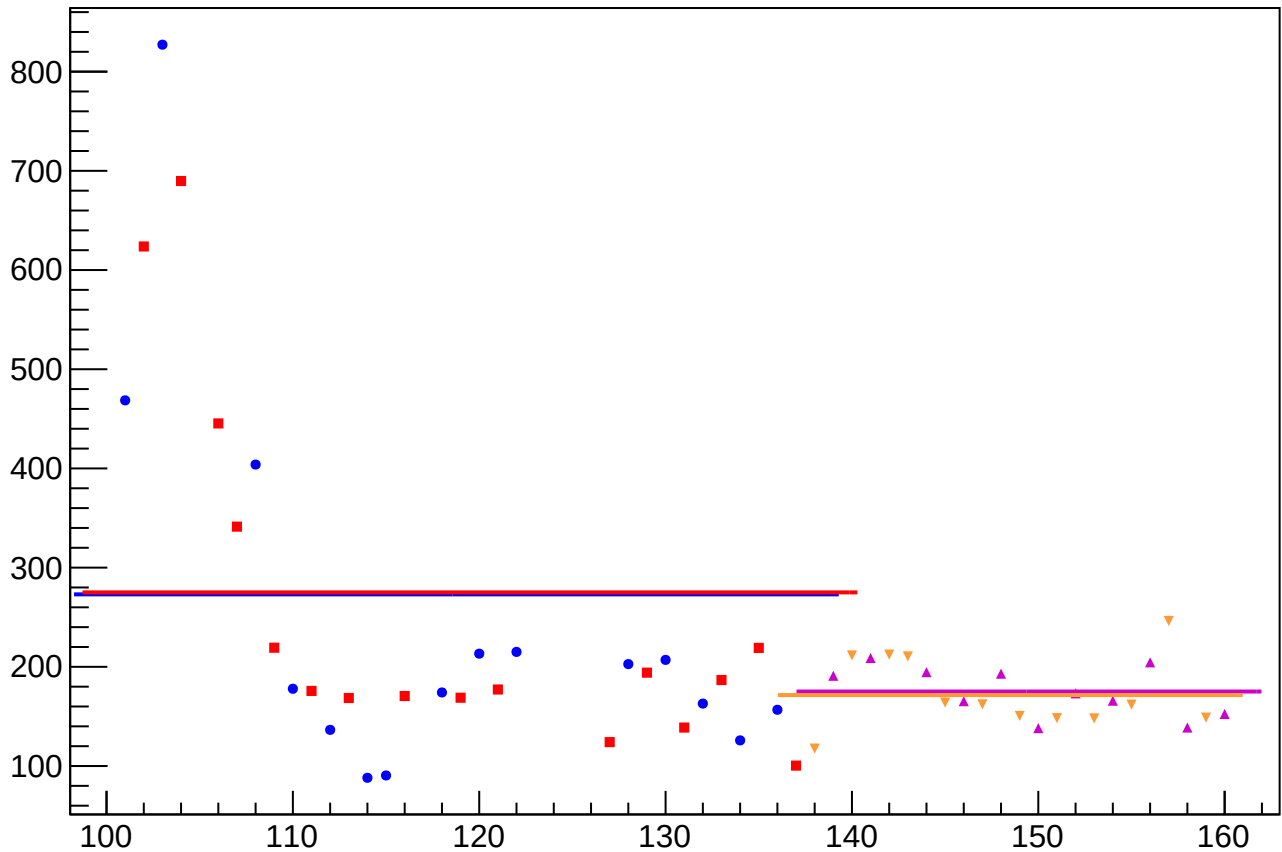
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_usr_coil3_mean vs Slug



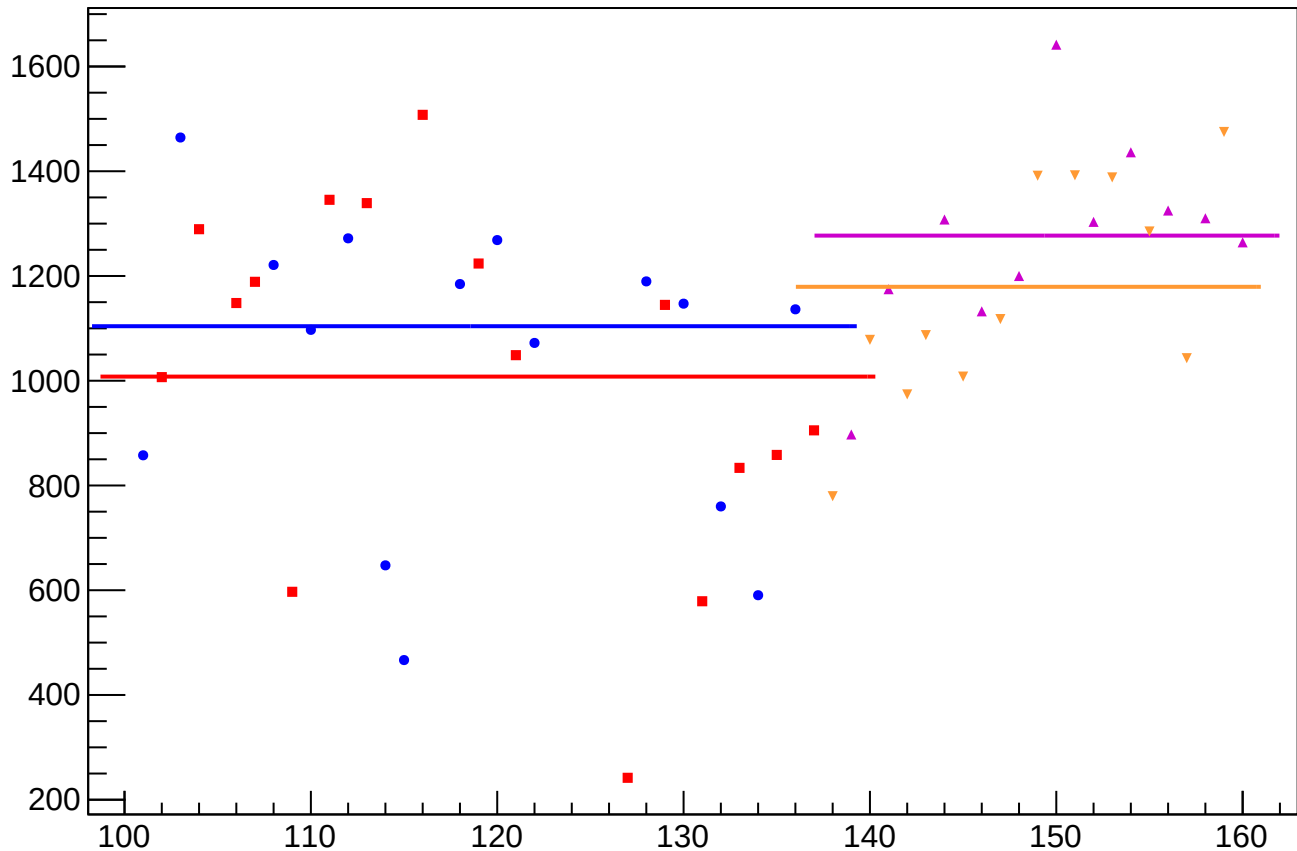
Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287+/-0.000 χ^2/NDF : 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5647.632+/-0.000 χ^2/NDF : 164214312908035645215126356935491715072.0/10

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

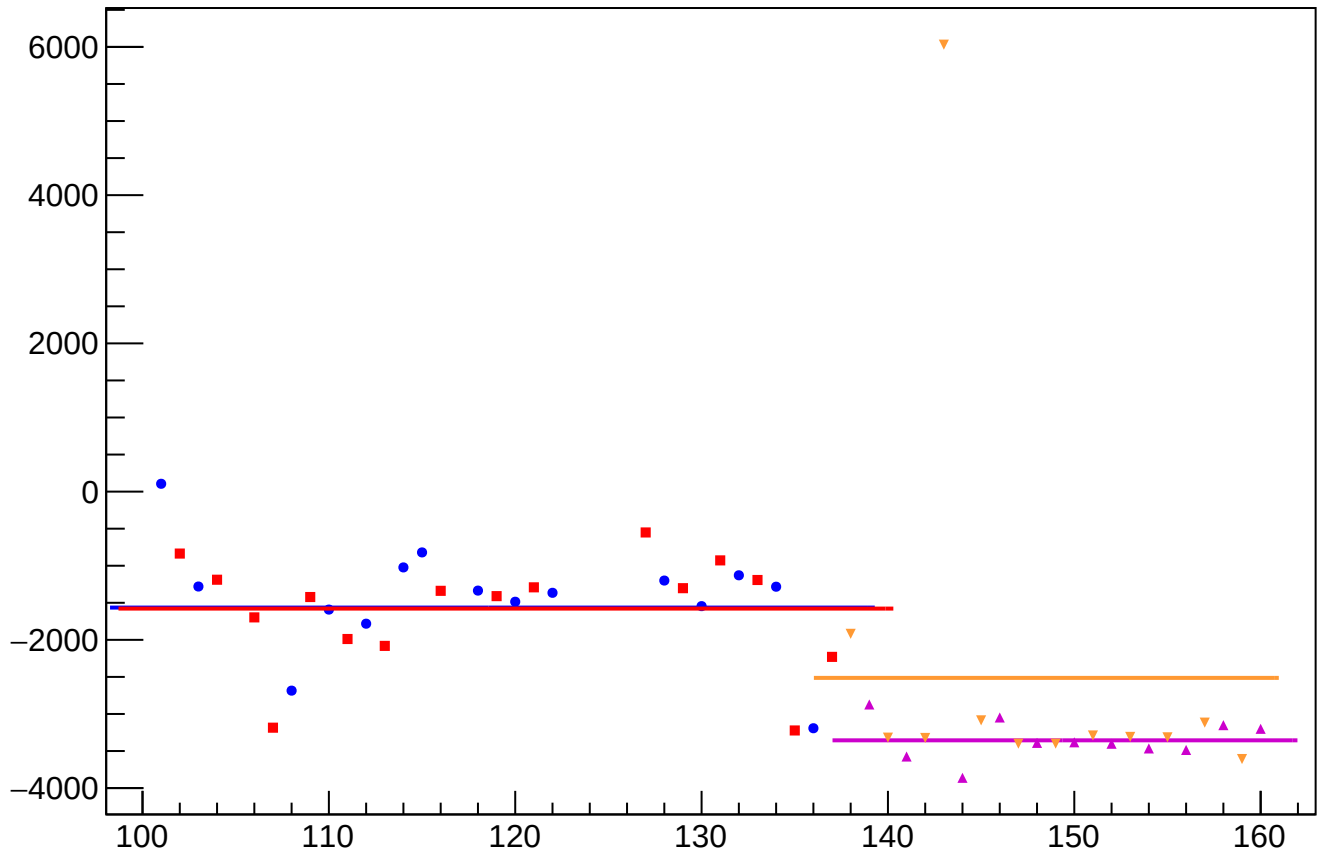
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

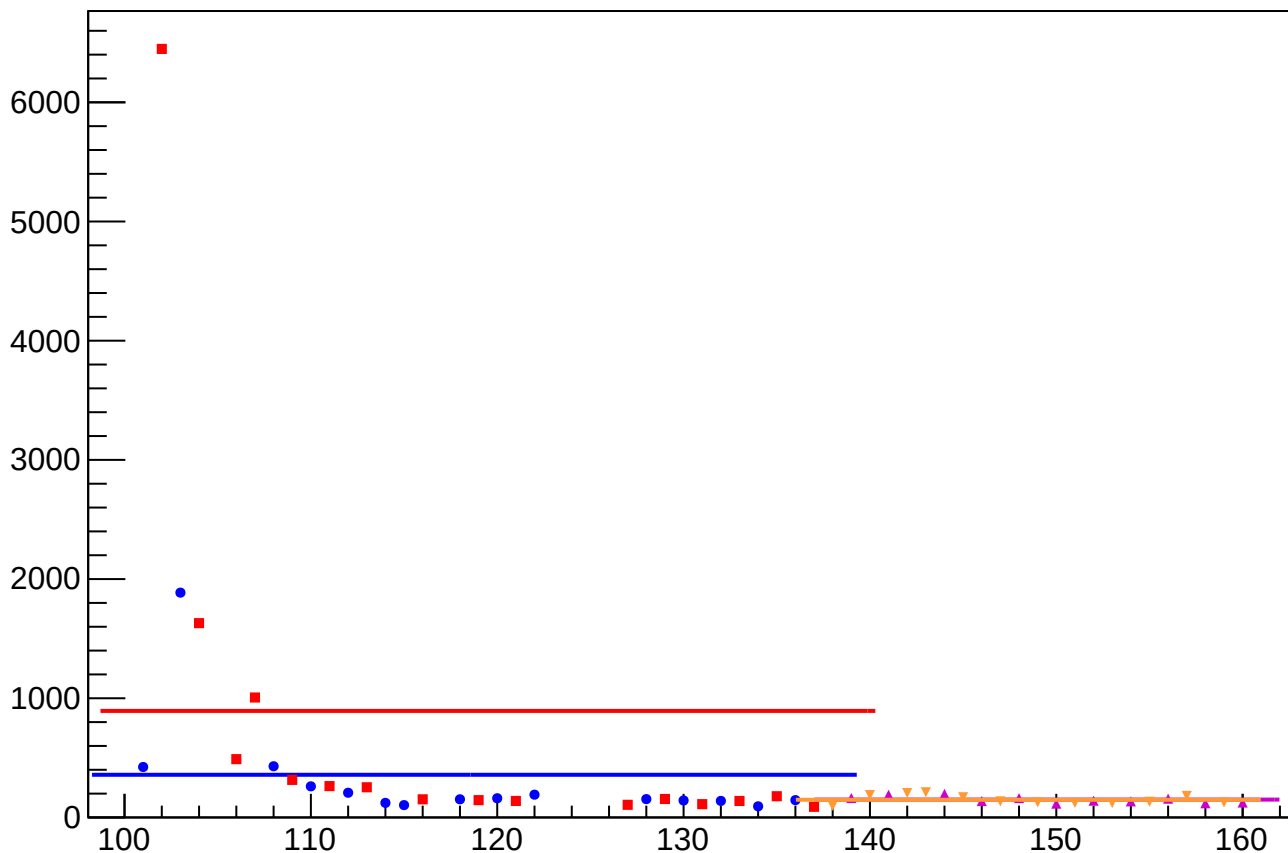
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

dit_atl1_coil3_err_mean vs Slug



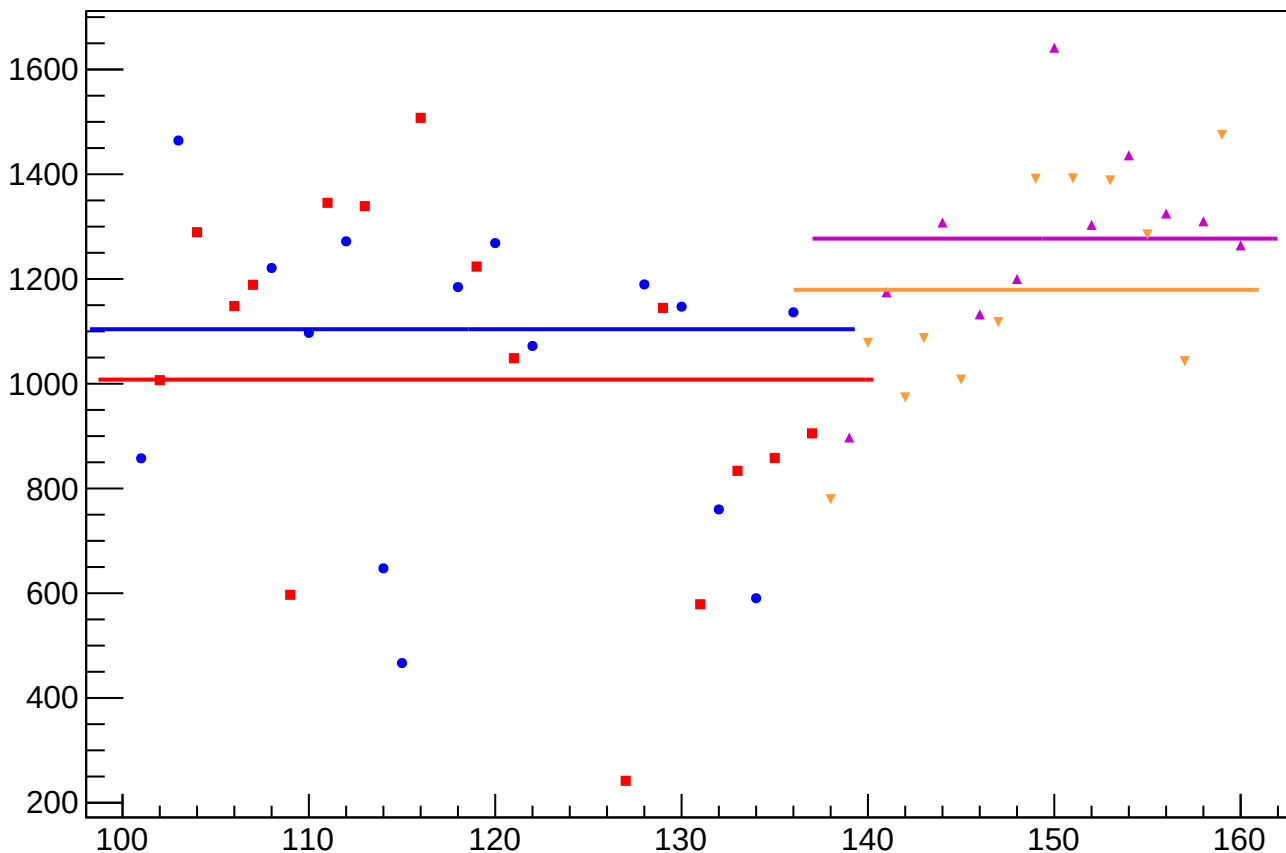
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

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

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

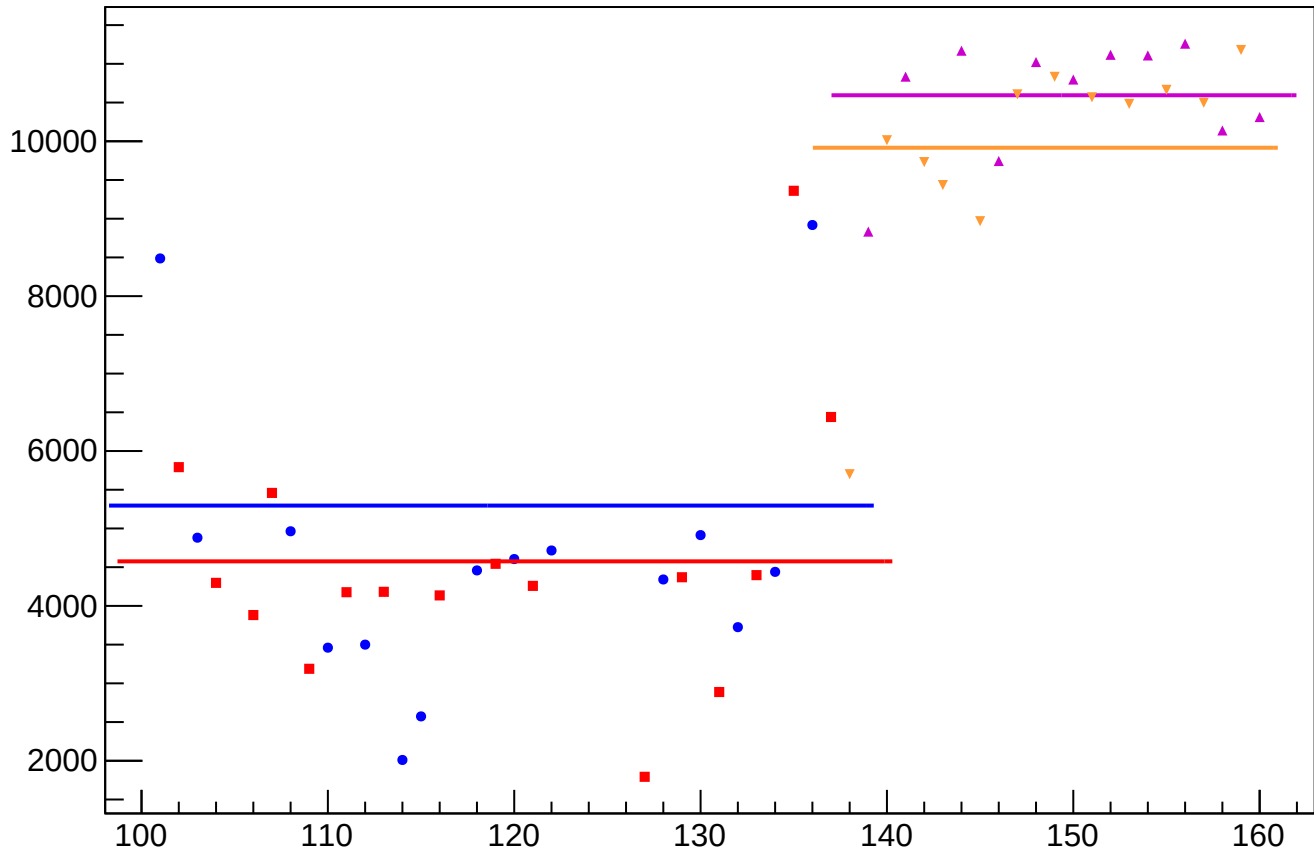
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

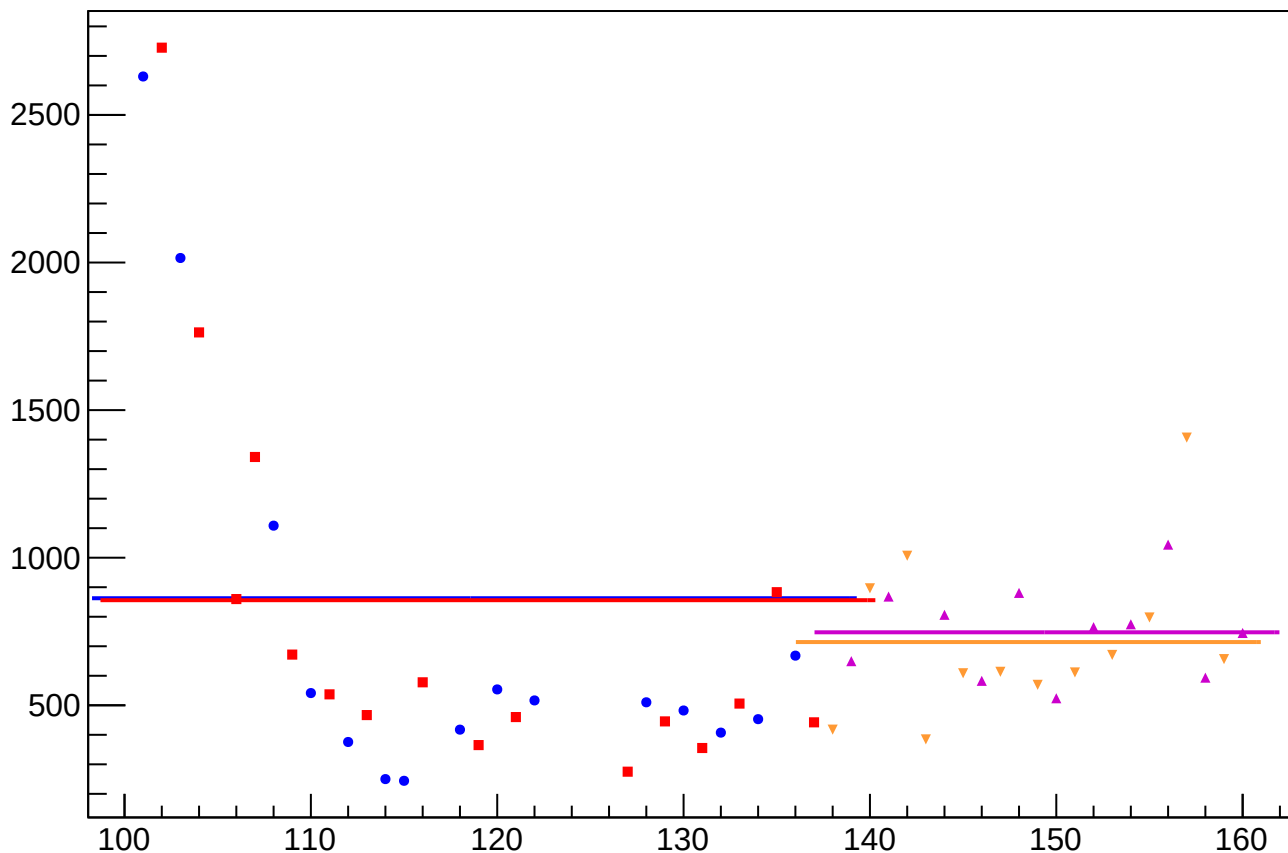
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420+/-0.000 χ^2/NDF : 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095+/-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

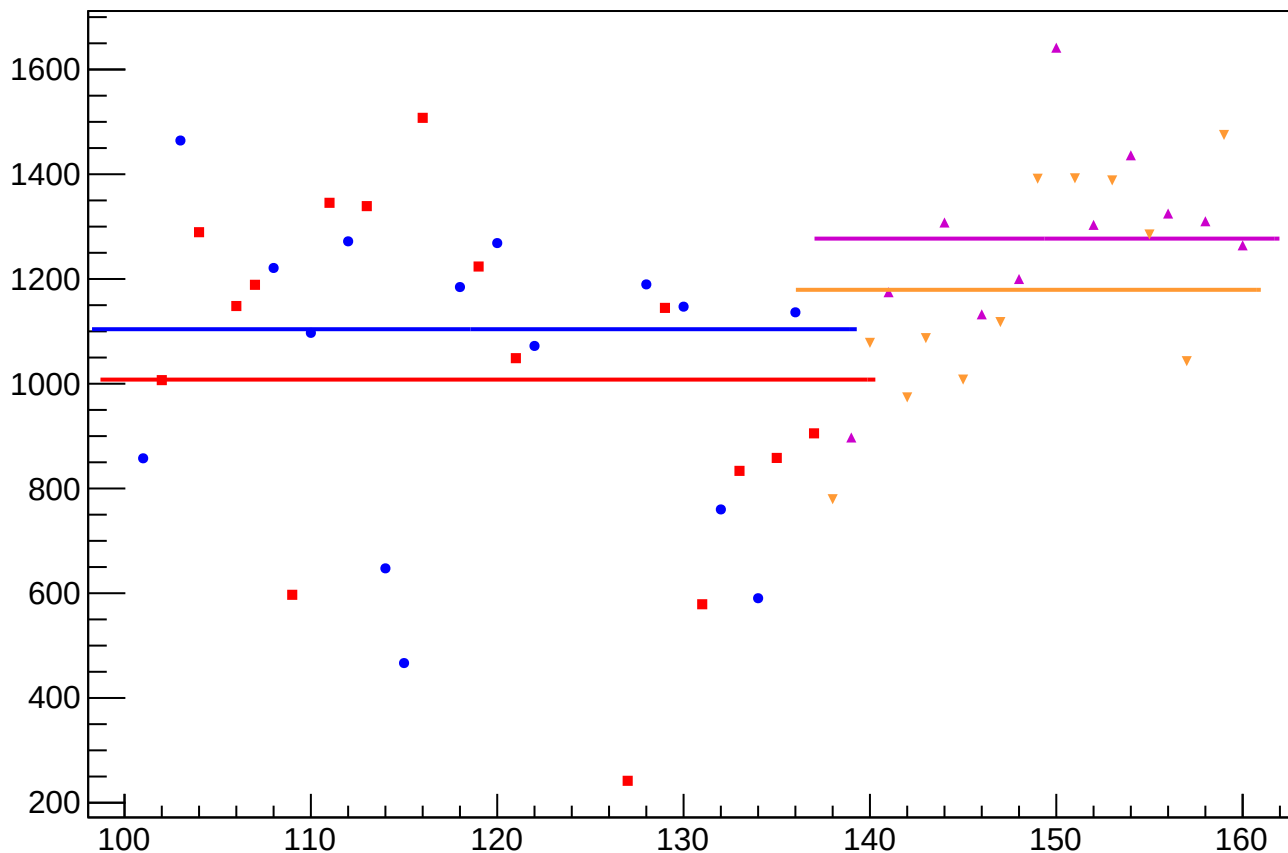
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ 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

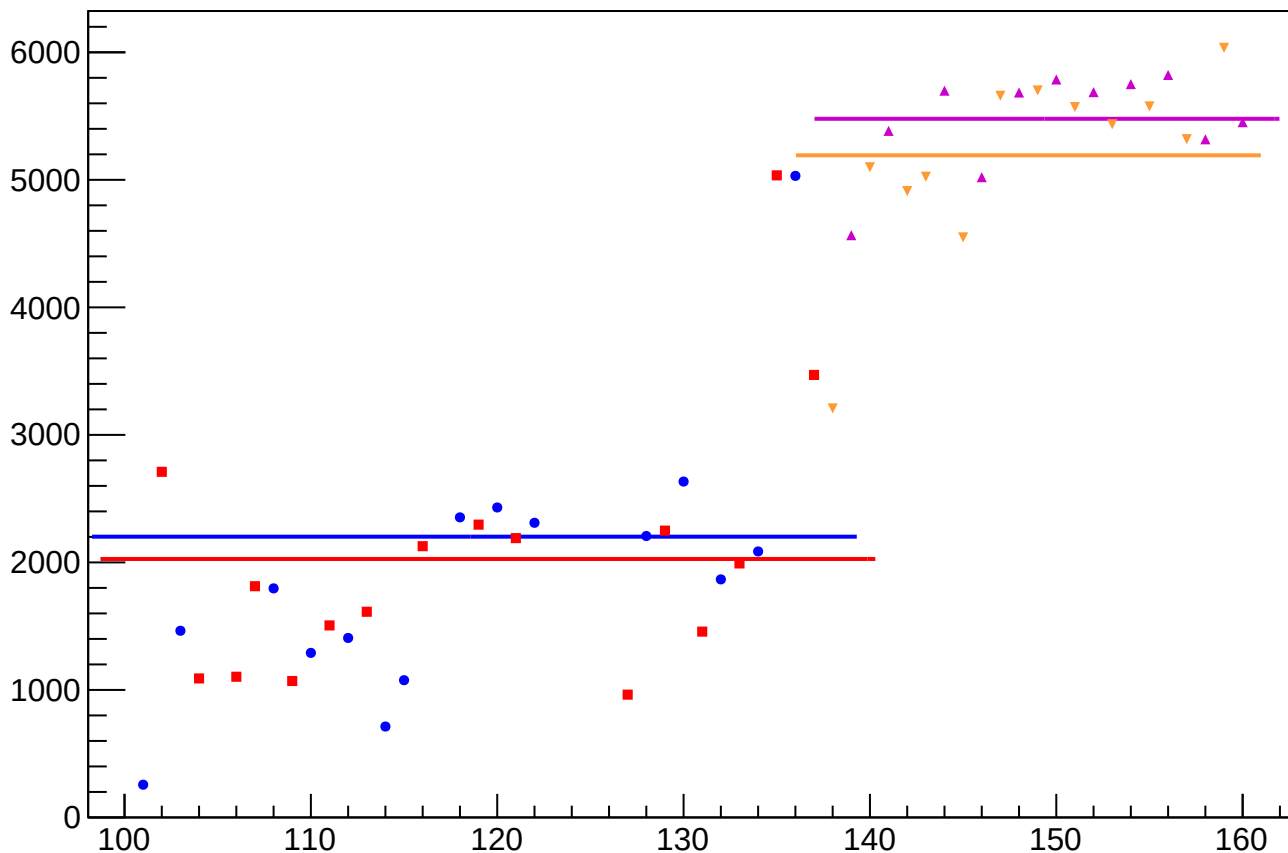
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

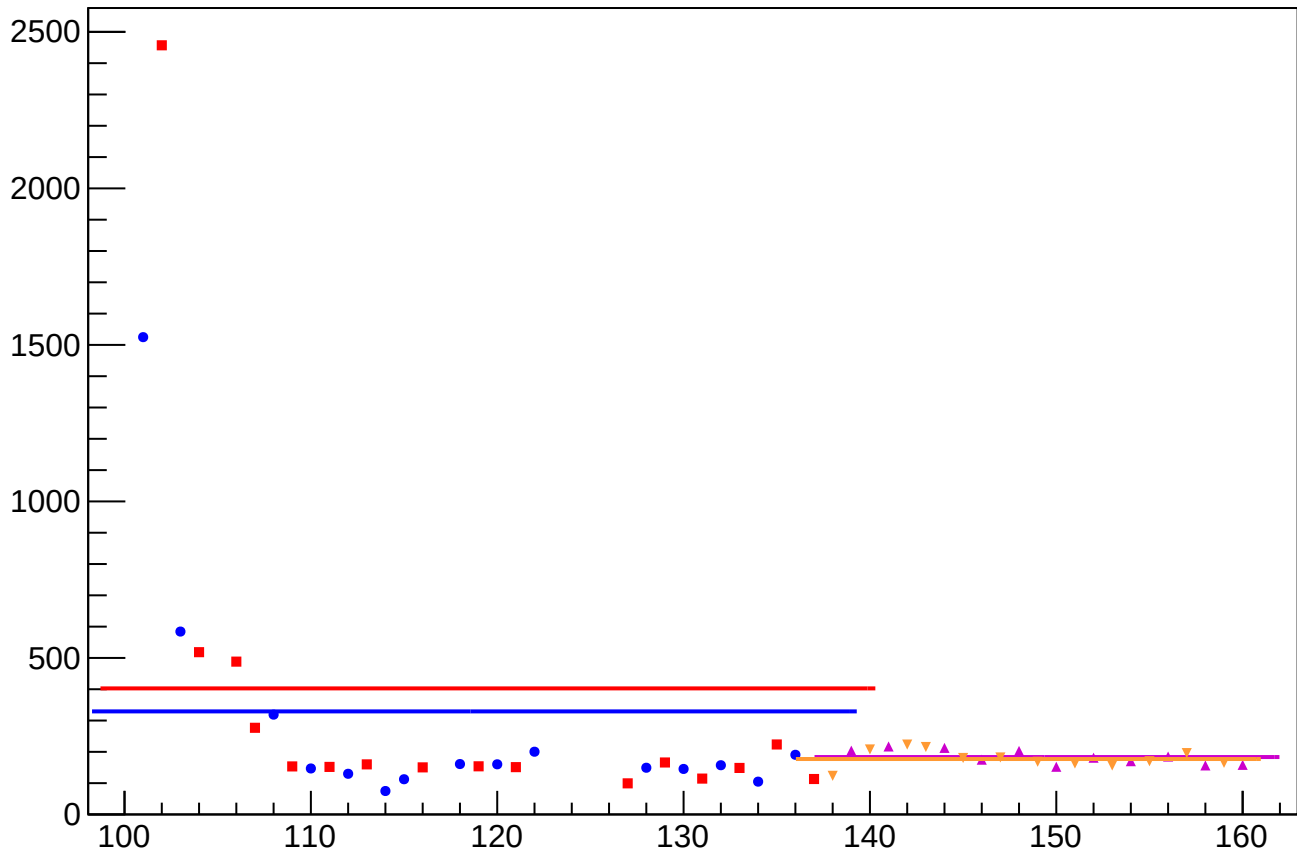
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000	χ^2/NDF : 1086544775216266395419904724422998622208.0/14	+ sign 3950.684+/-0.000	χ^2/NDF : 49512221502414
Left Out: 5192.476+/-0.000	χ^2/NDF : 470317118435532937200148346508624789504.0/11	All: 3991.515+/-0.000	χ^2/NDF : 10404550233
Right Out: 2026.969+/-0.000	χ^2/NDF : 708626456603410705124518299956645199872.0/15	- sign 4031.627+/-0.000	χ^2/NDF : 54481624345363
Left In: 5478.713+/-0.000	χ^2/NDF : 124186054771424011873849346802583601152.0/10		

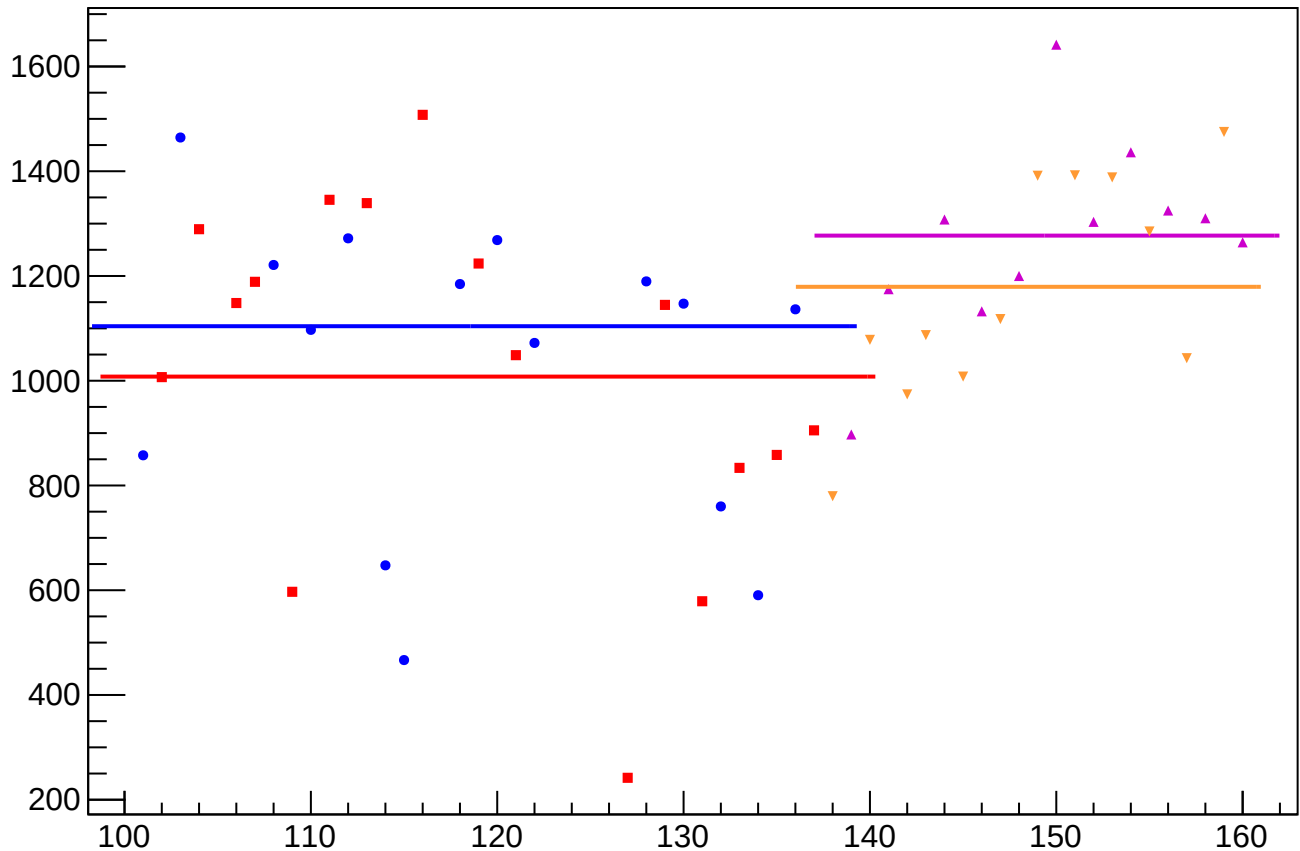
dit_atr1_coil3_err_mean vs Slug



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

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

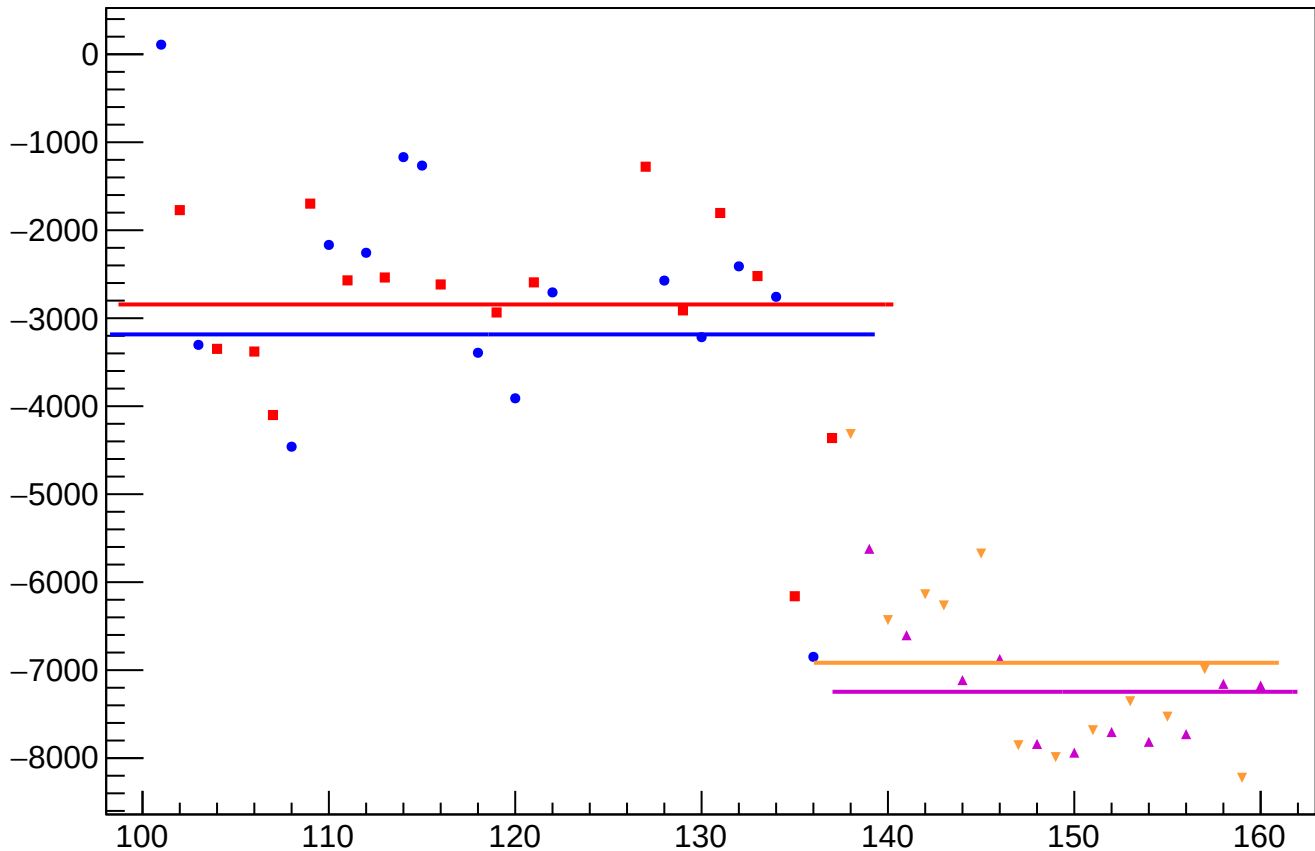
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

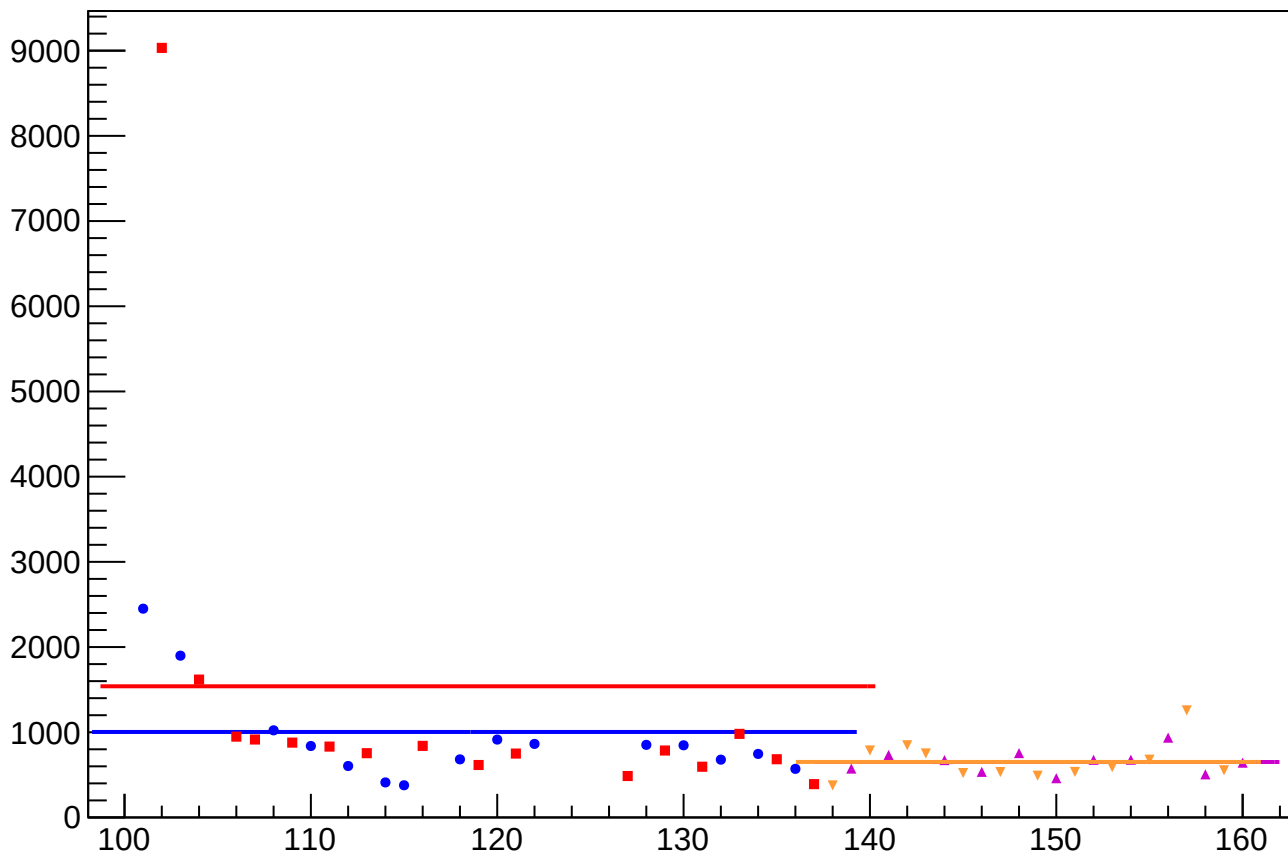
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_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

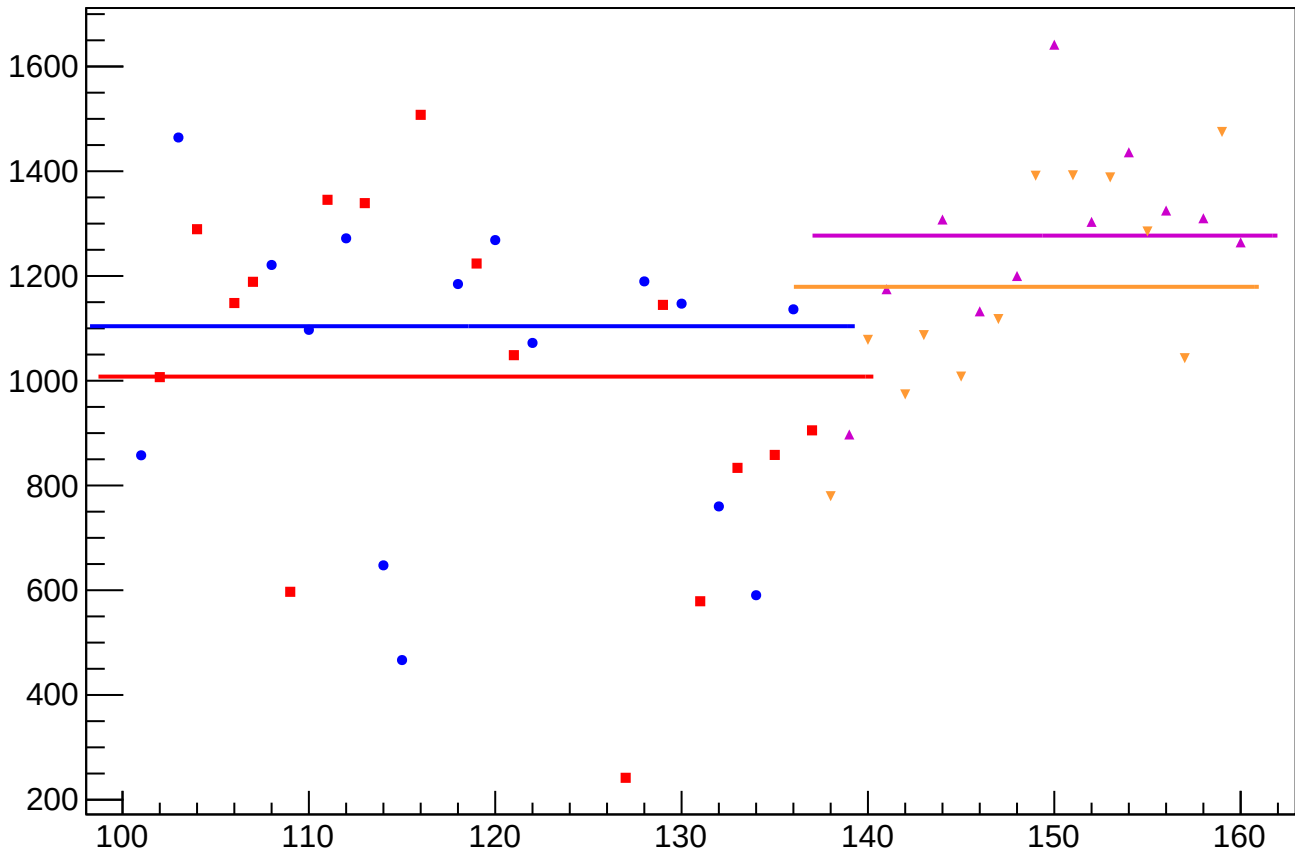
All: 911.528+/-0.000 χ^2/NDF : 428810018273

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



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

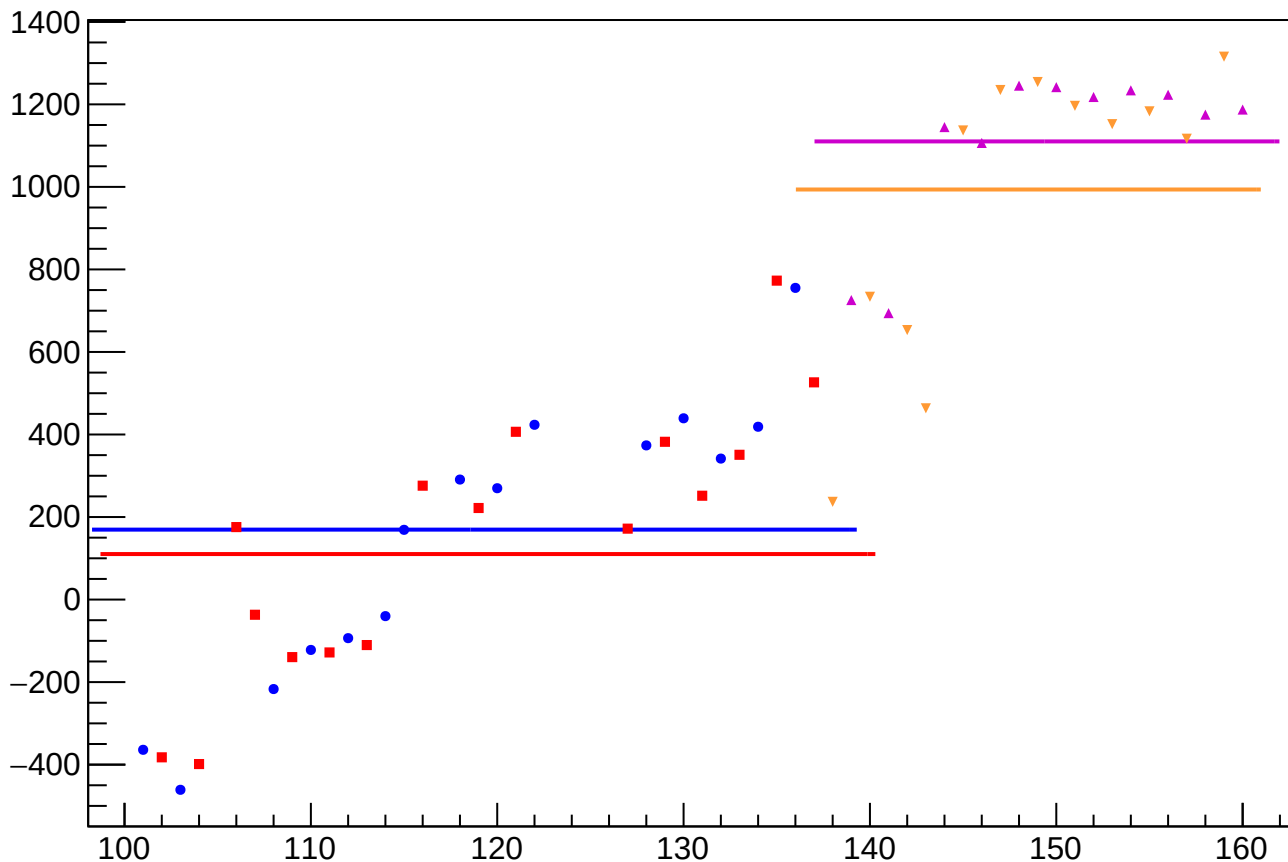
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ 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_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

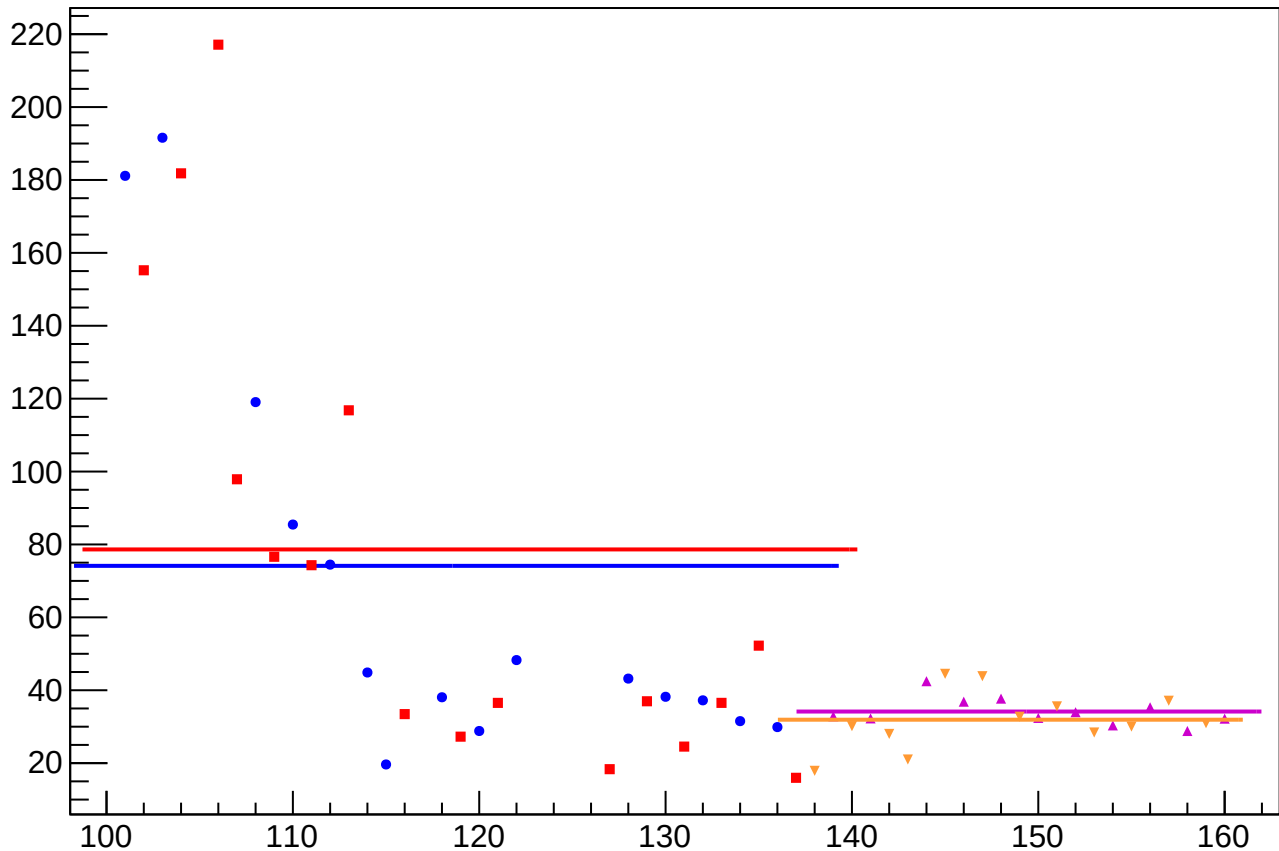
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

All: 671.406+/-0.000 χ^2/NDF : 951499306925

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

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

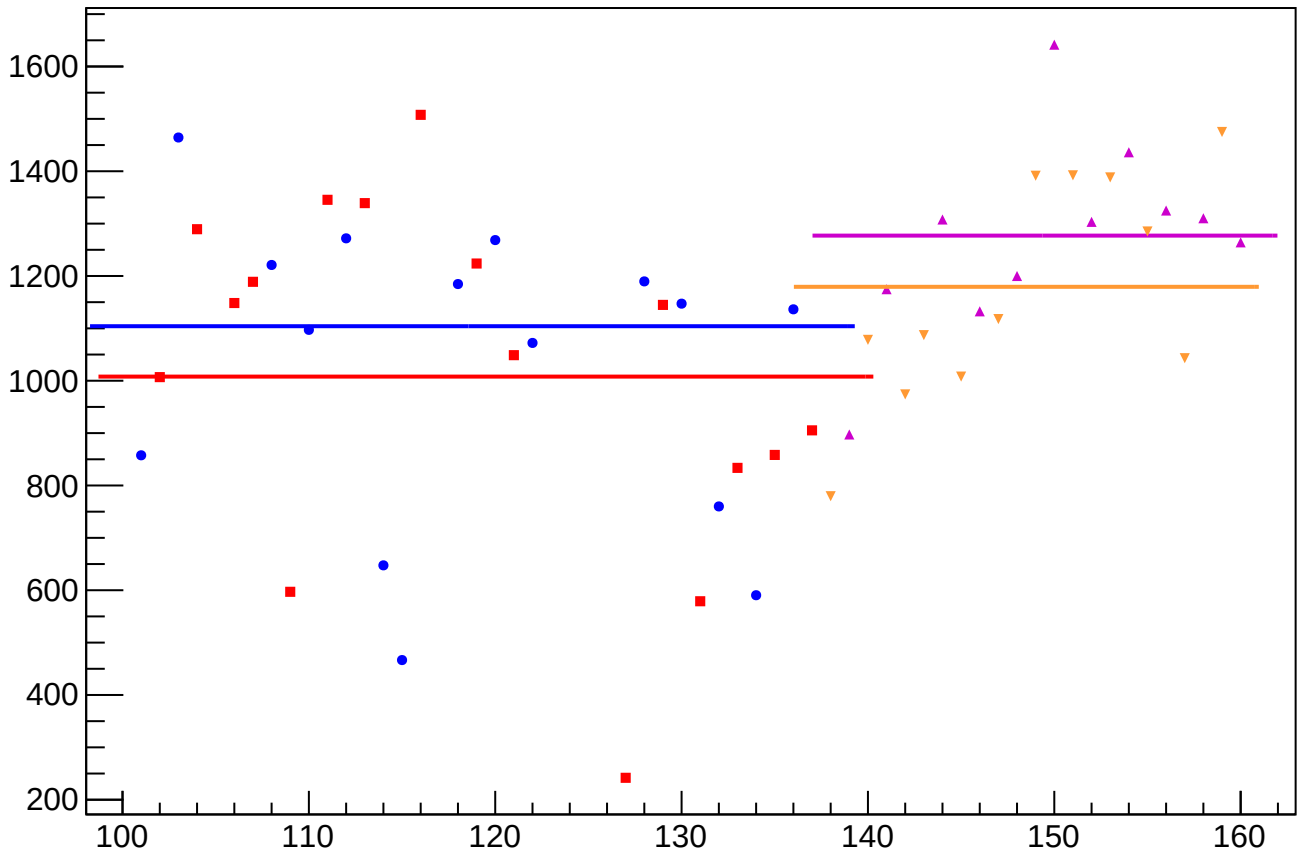
Left In: 34.158 $\pm$ 0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444 $\pm$ 0.000 χ^2/NDF : 2897043511629601

All: 51.139 $\pm$ 0.000 χ^2/NDF : 6027926549606

- 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

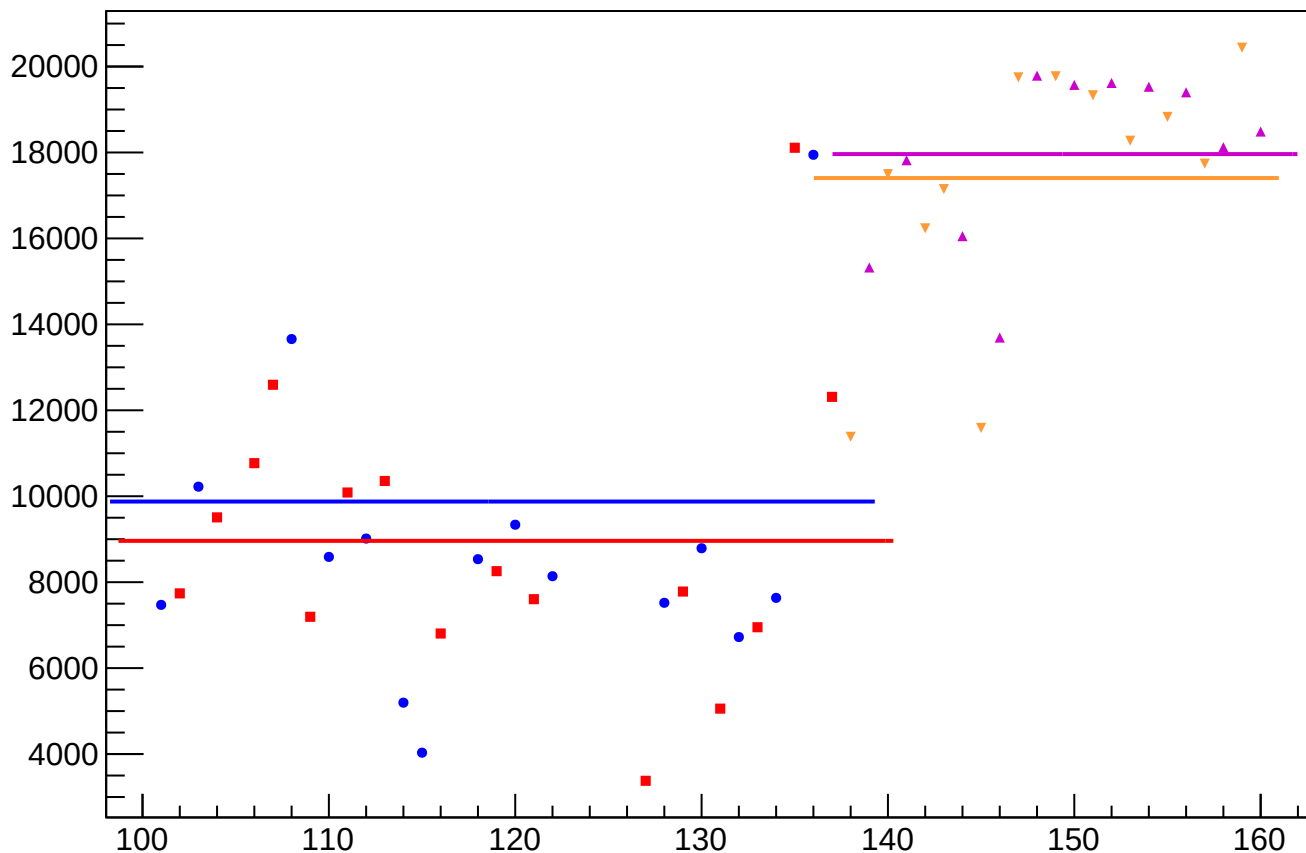
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

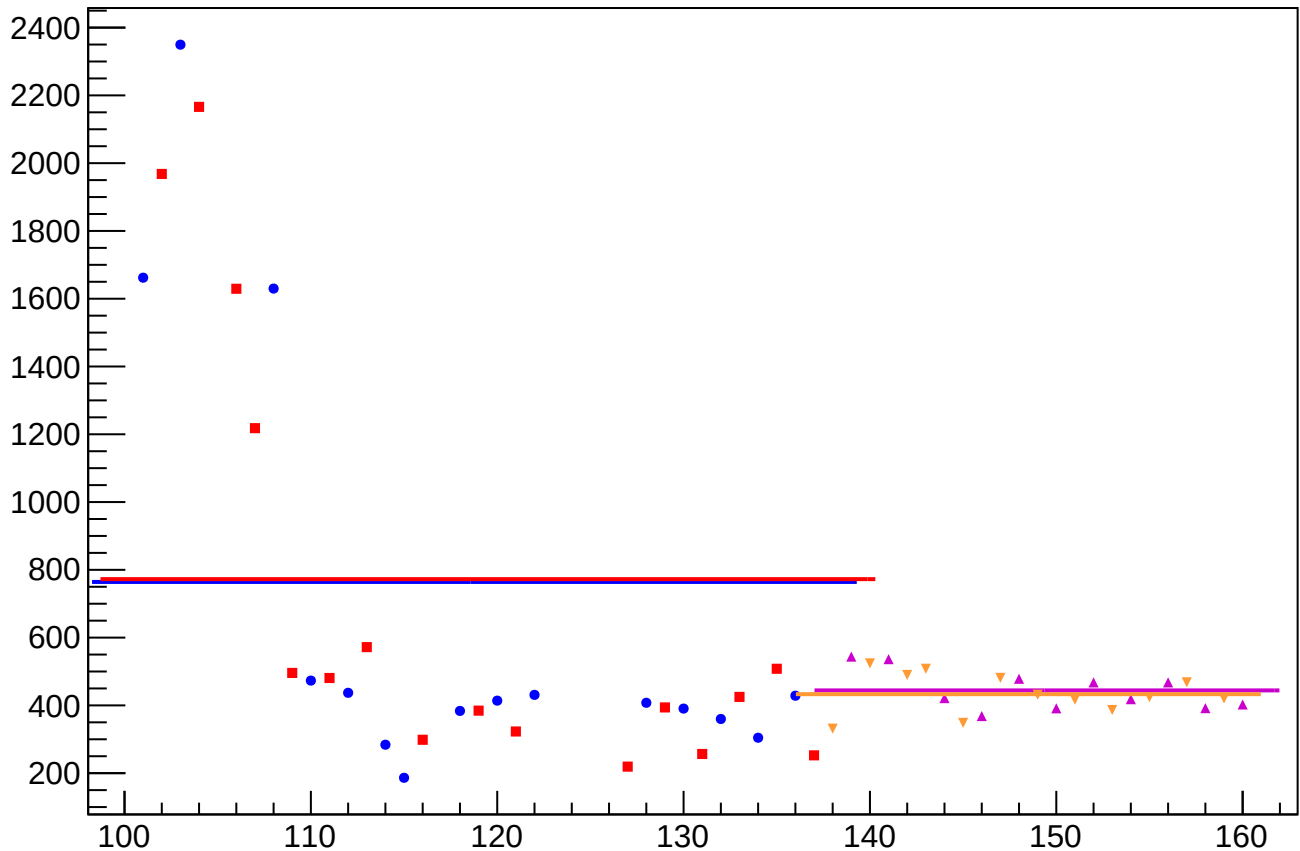
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000	χ^2/NDF : 8483360287053054122301651905797133697024.0/14	+ sign 14279.004+/-0.000	χ^2/NDF : 3768368481481
Left Out: 17405.049+/-0.000	χ^2/NDF : 7689801671099378791544545422175664865280.0/11	All: 14233.622+/-0.000	χ^2/NDF : 8022211512
Right Out: 8961.593+/-0.000	χ^2/NDF : 7583728644146461427304320888408335450112.0/15	- sign 14189.038+/-0.000	χ^2/NDF : 4253204880235
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

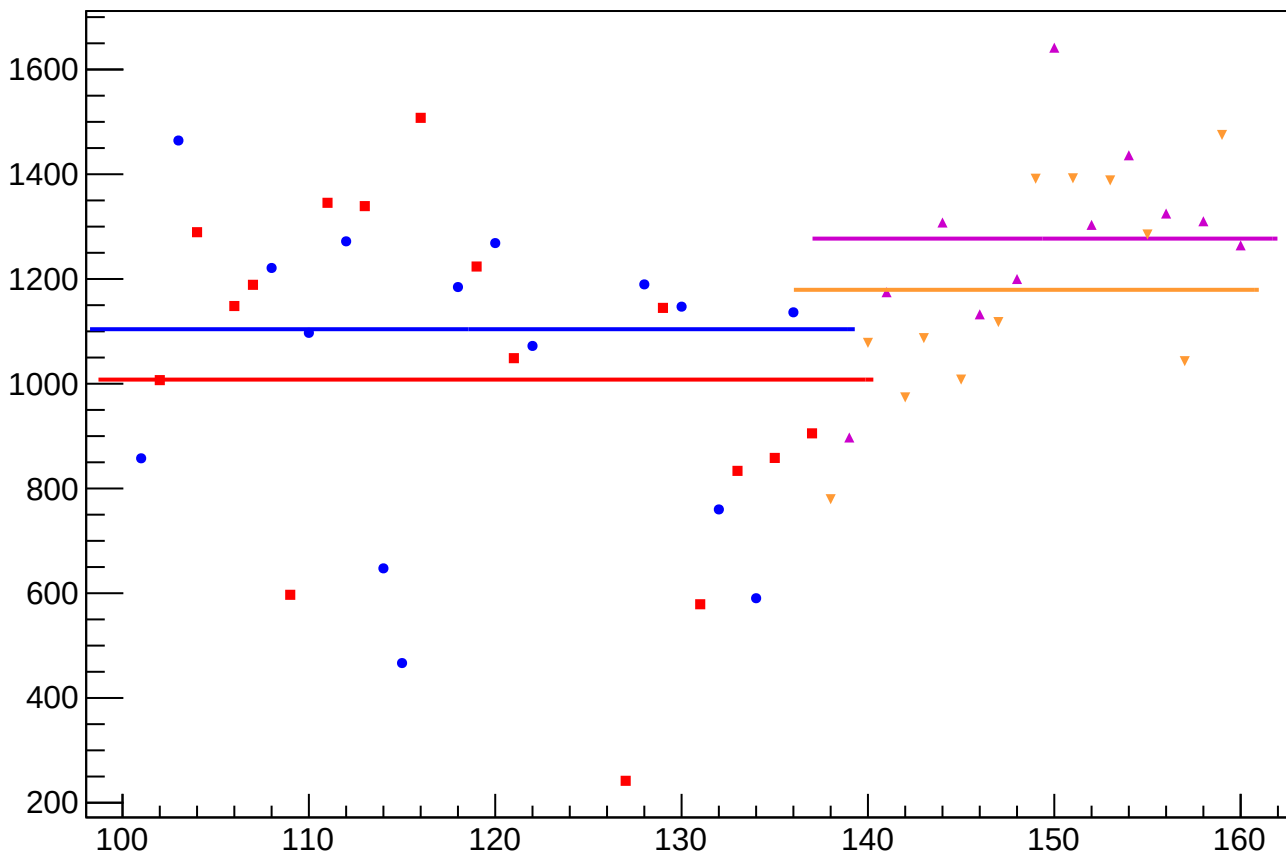
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ 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

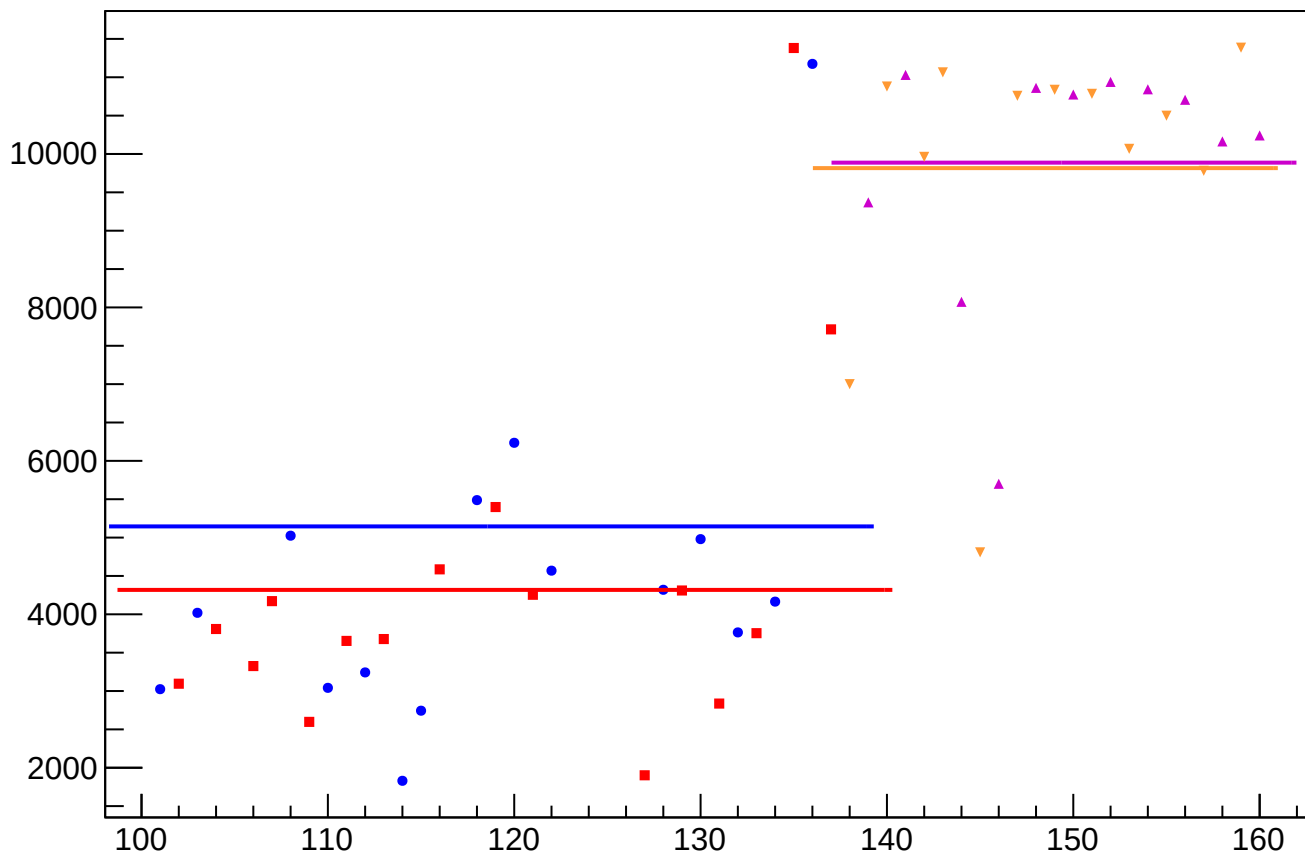
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

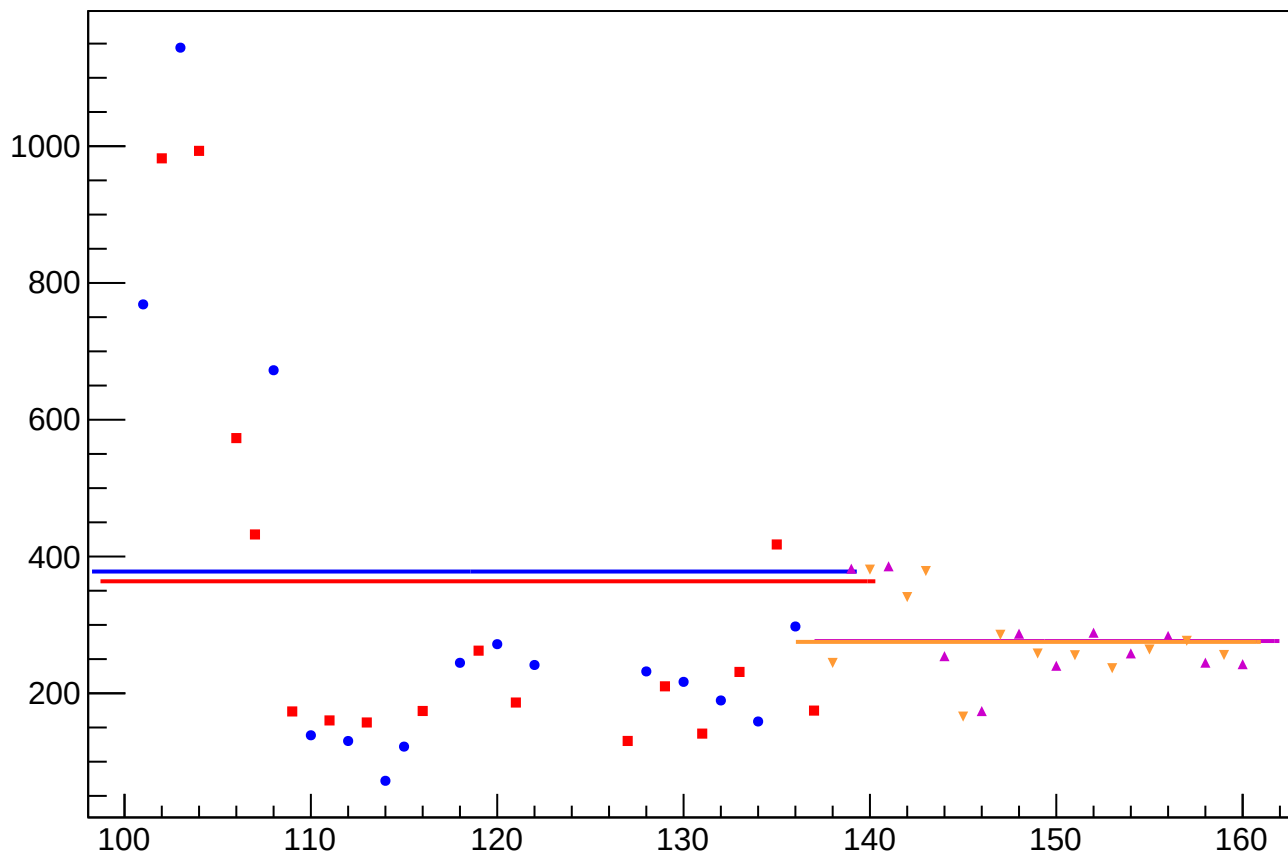
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000	χ^2/NDF : 4272867262459372237810540195851662262272.0/14	+ sign 7876.592+/-0.000	χ^2/NDF : 15792133720732
Left Out: 9815.736+/-0.000	χ^2/NDF : 3242126212507286714618316704208262266880.0/11	All: 7713.049+/-0.000	χ^2/NDF : 33512301235
Right Out: 4318.126+/-0.000	χ^2/NDF : 3345176554564755427312533888908526616576.0/15	- sign 7552.383+/-0.000	χ^2/NDF : 17637293606384
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

+ sign 317.896+/-0.000 χ^2/NDF : 685967694208858

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

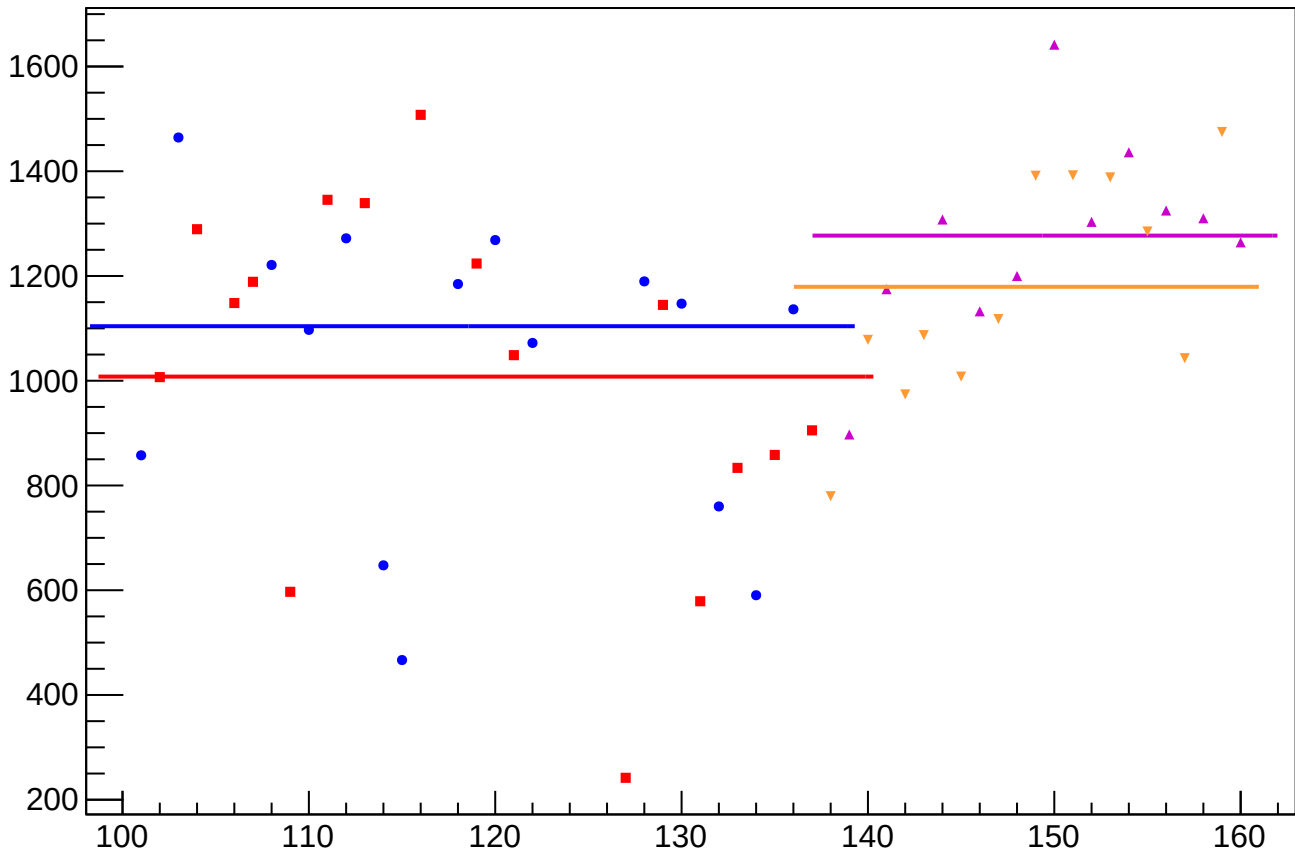
All: 315.450+/-0.000 χ^2/NDF : 133778300115

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

- sign 313.047+/-0.000 χ^2/NDF : 651629892548713

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

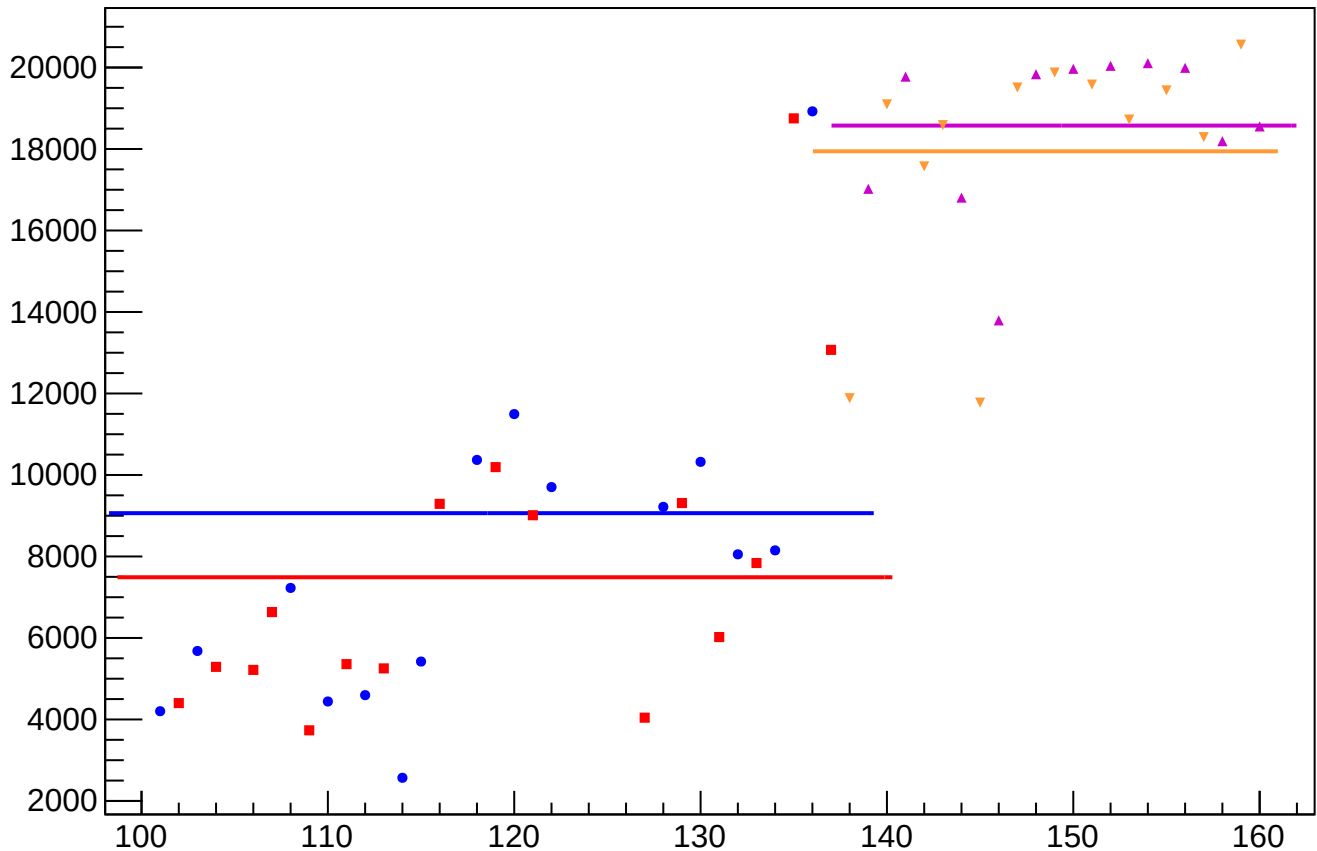
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

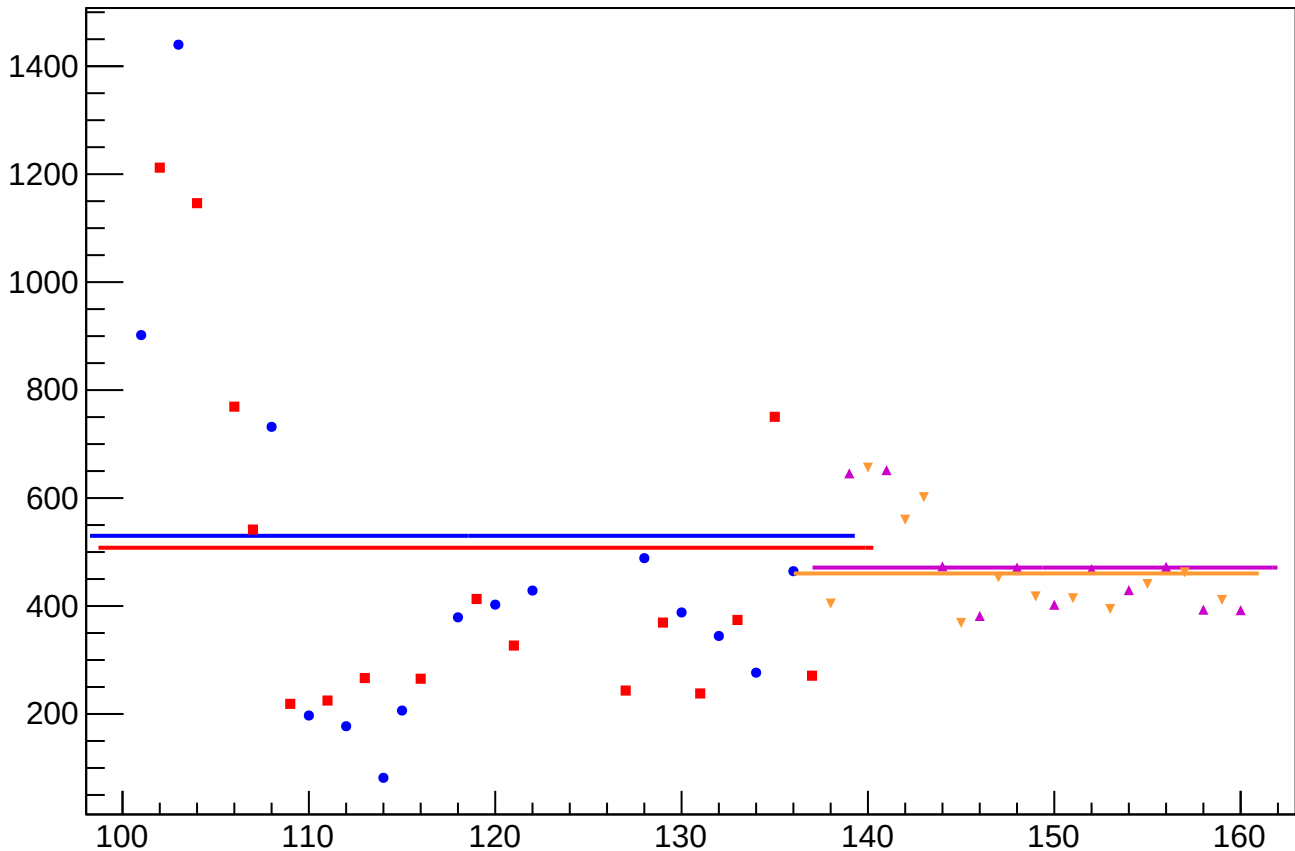
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 460.312+/-0.000 χ^2/NDF : 6754606428371283053517529701630869504.0/11

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

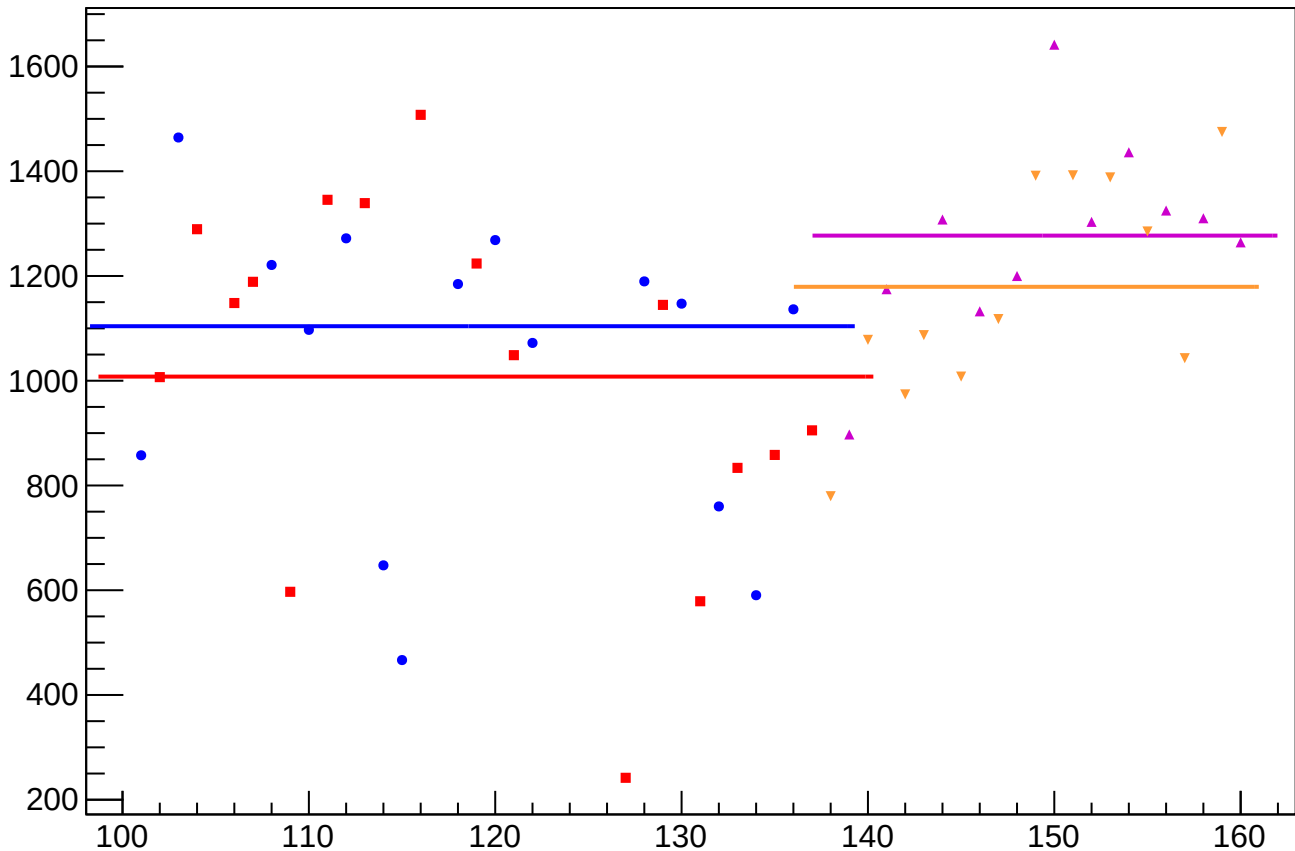
Left In: 471.219+/-0.000 χ^2/NDF : 744597321916033625746772011051745280.0/10

+ sign 489.272+/-0.000 χ^2/NDF : 873553872862030

All: 487.941+/-0.000 χ^2/NDF : 172020251630

- sign 486.633+/-0.000 χ^2/NDF : 846593738129805

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

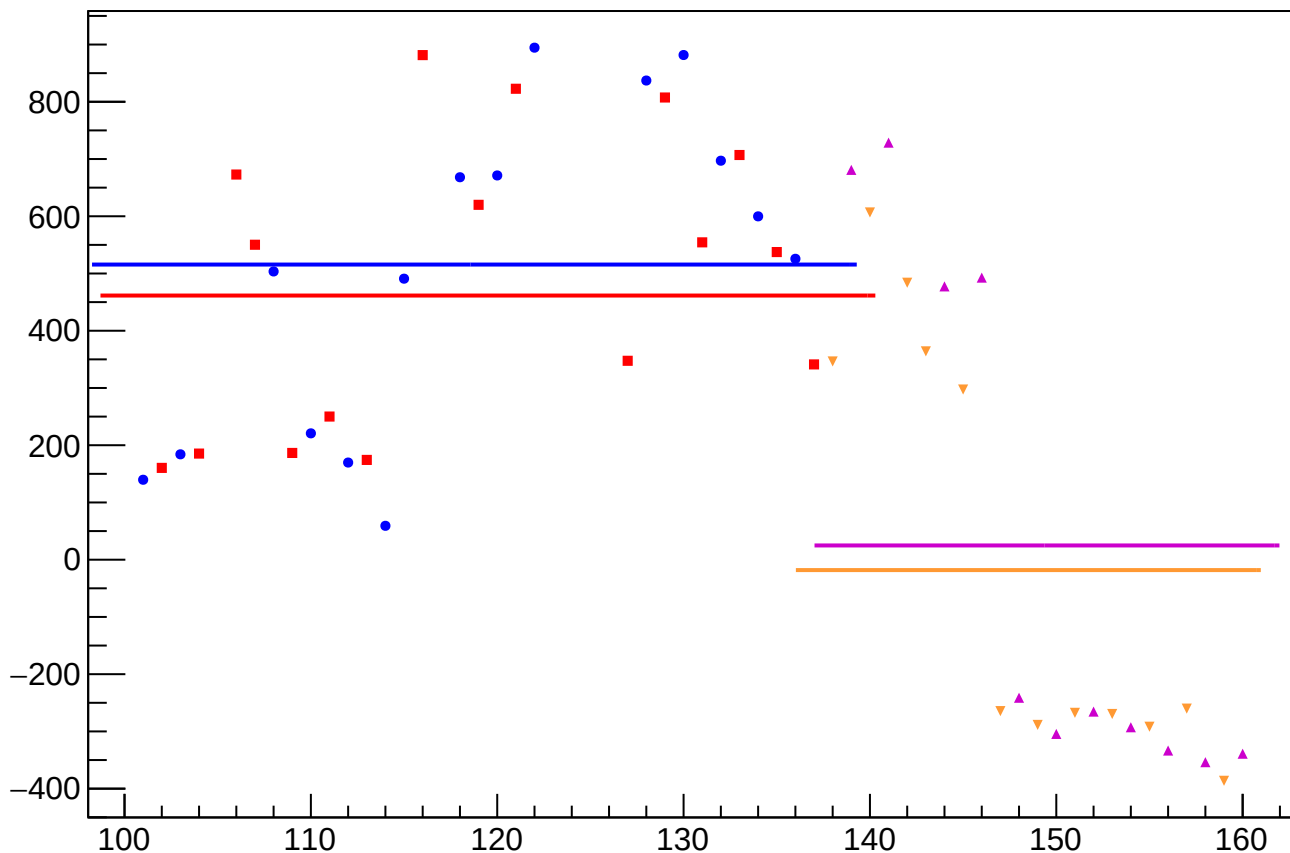
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

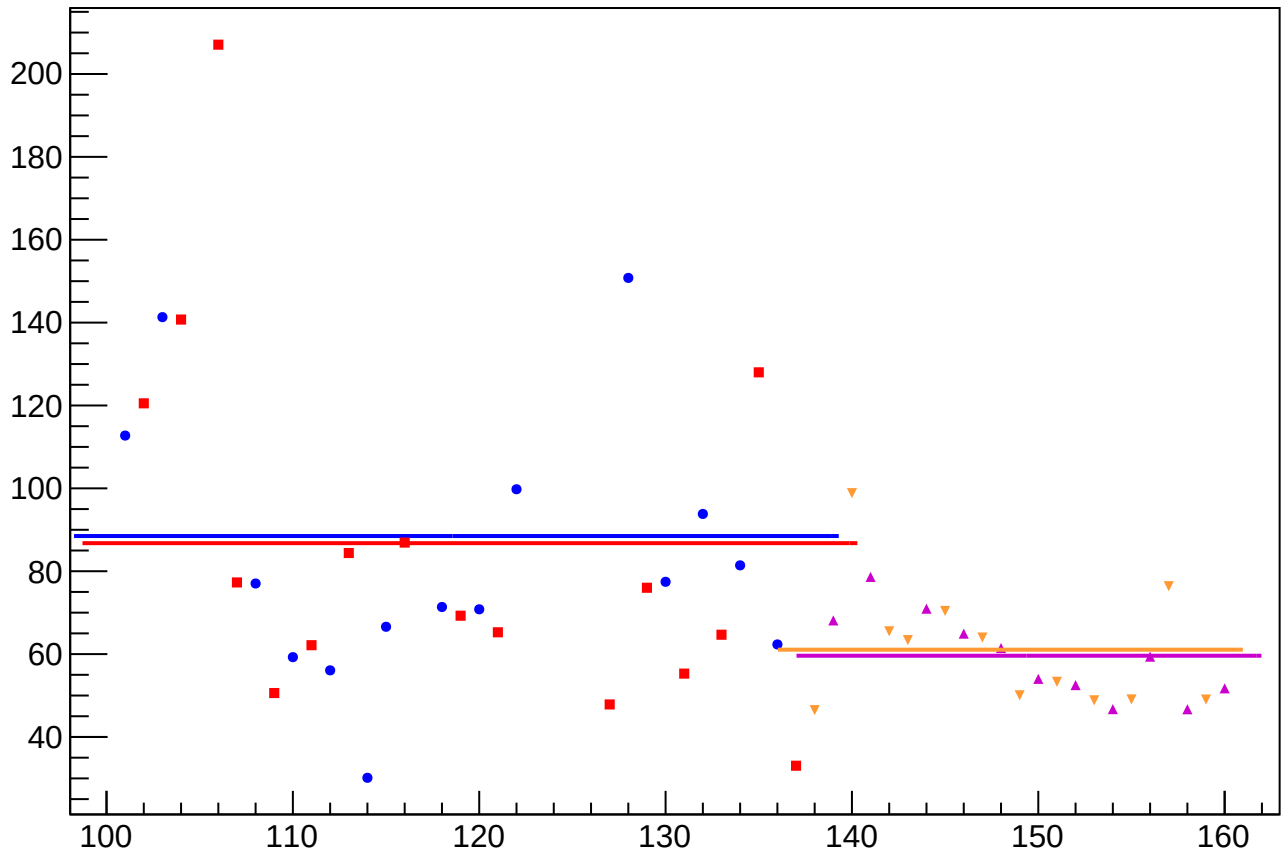
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

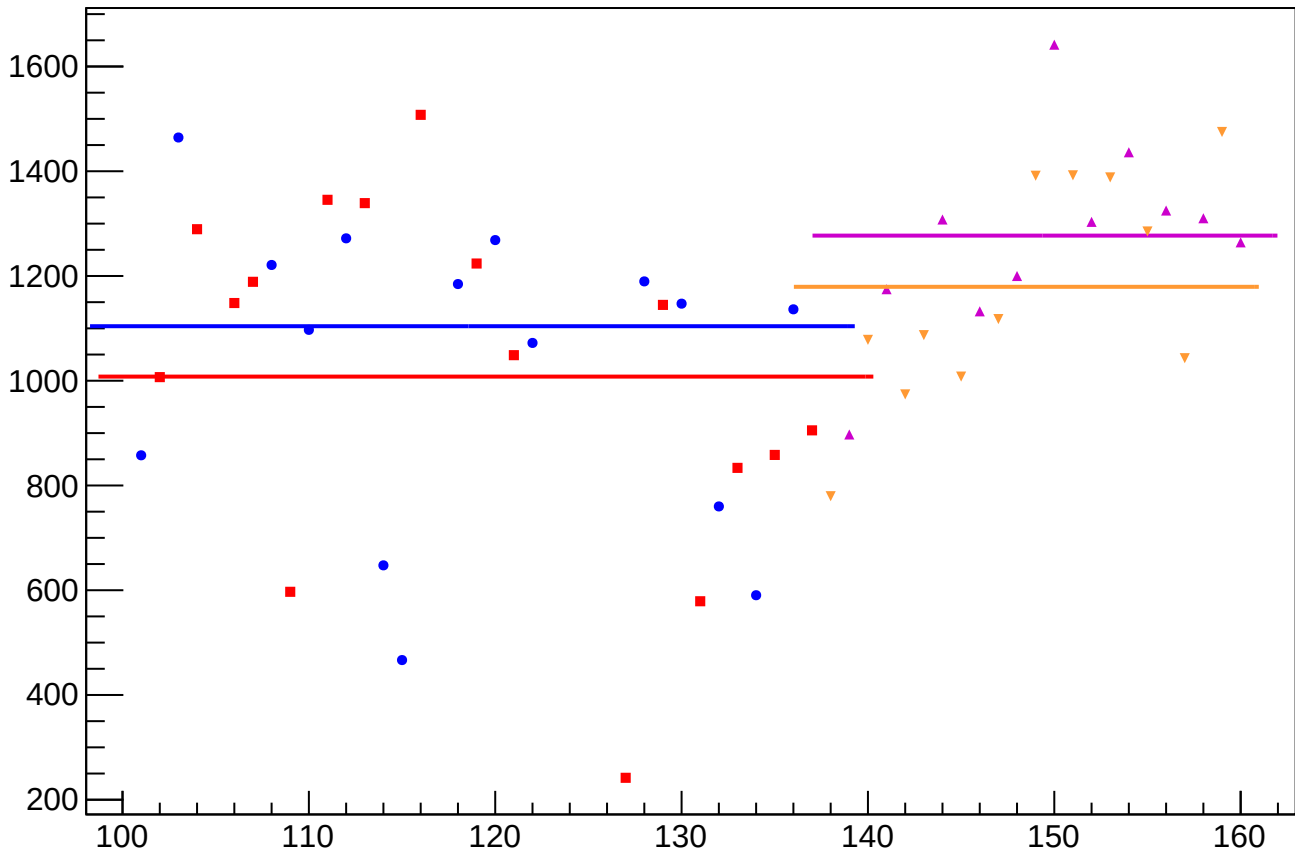
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000	χ^2/NDF : 643231155193035512625817963208900608.0/14	+ sign 72.455+/-0.000	χ^2/NDF : 1140205339739572
Left Out: 61.067+/-0.000	χ^2/NDF : 211507080213048507647331077961285632.0/11	All: 71.718+/-0.000	χ^2/NDF : 2577899671839
Right Out: 86.773+/-0.000	χ^2/NDF : 1059206766314086021240525003228708864.0/15	- sign 70.994+/-0.000	χ^2/NDF : 1436012461961461
Left In: 59.604+/-0.000	χ^2/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

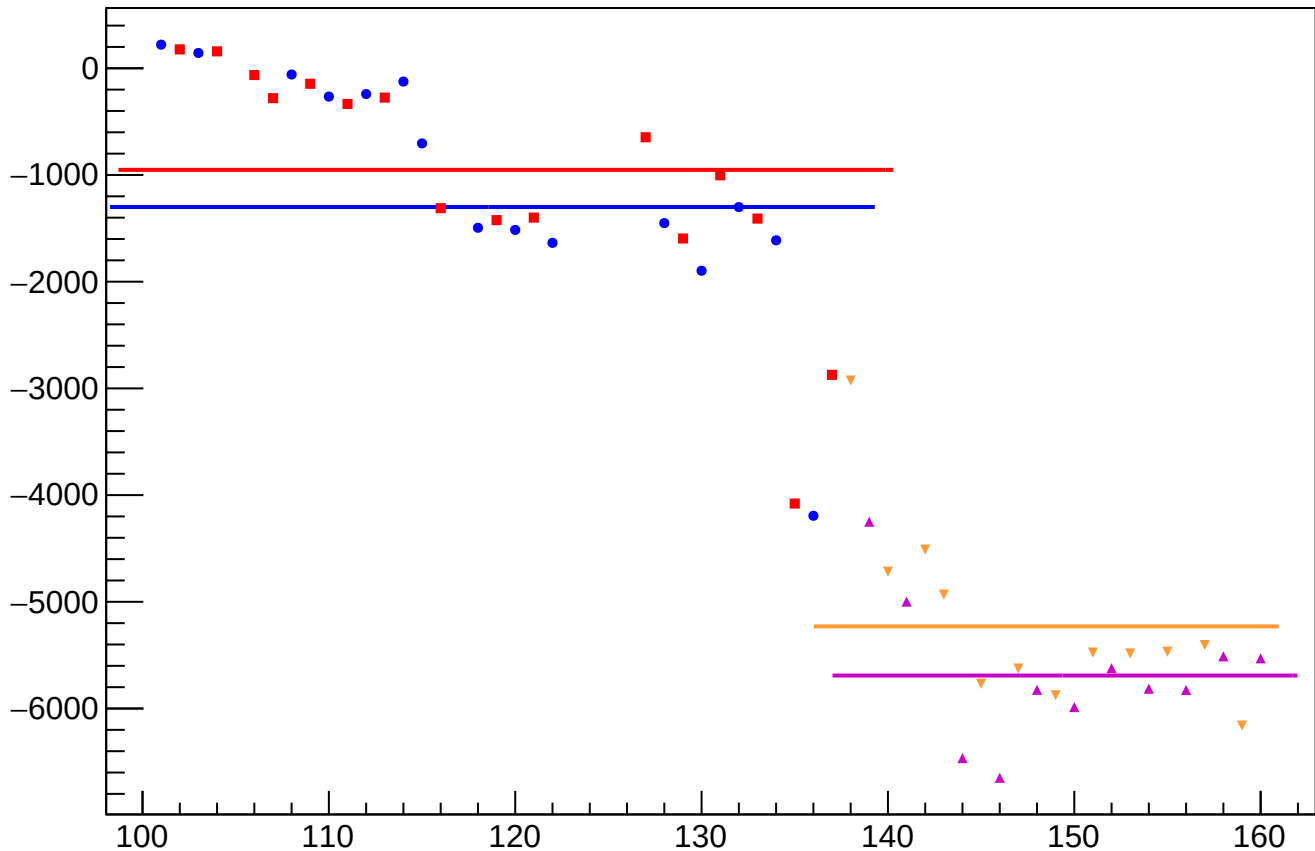
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

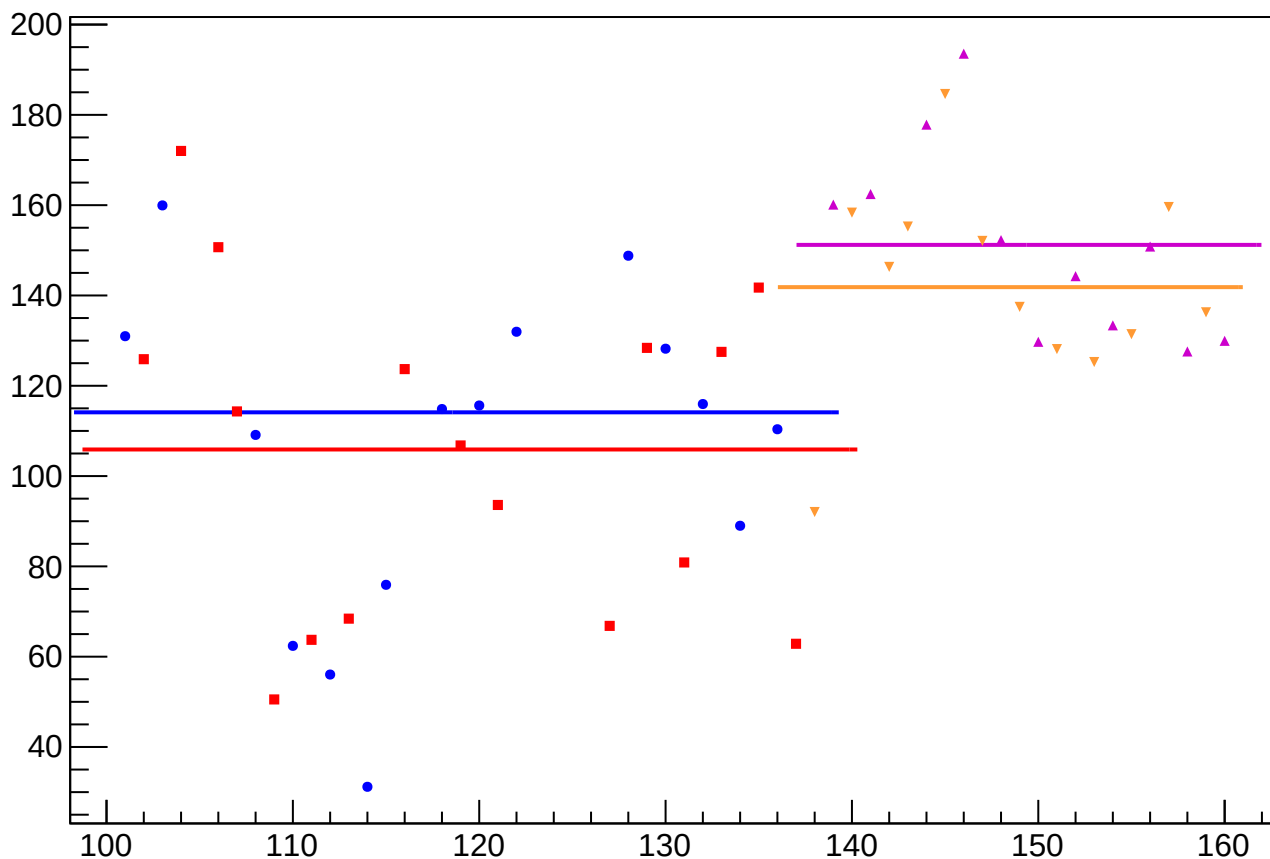
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5230.164+/-0.000	χ^2/NDF : 621337546754048275745011650527081005056.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 - sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

dit_sam6_coil3_err_mean vs Slug



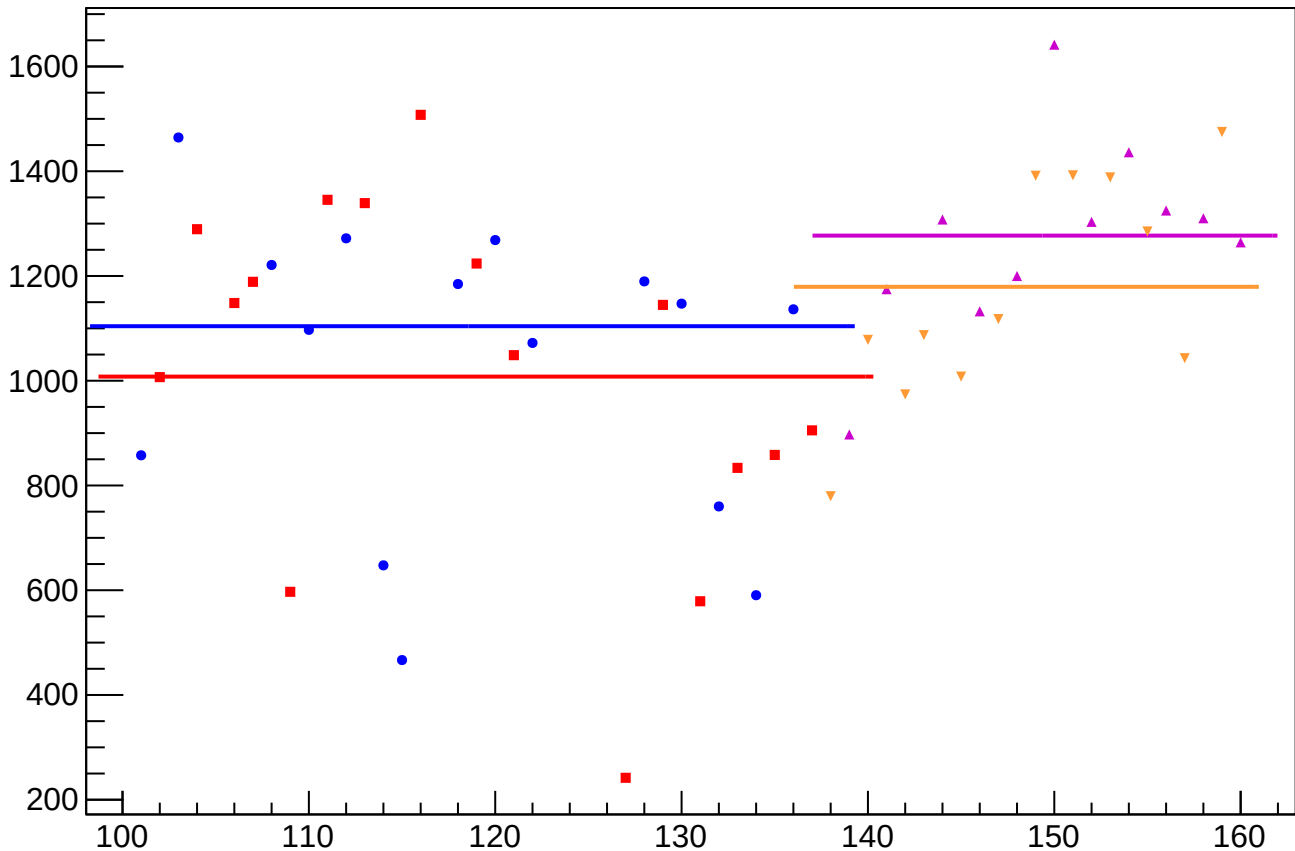
Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

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

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

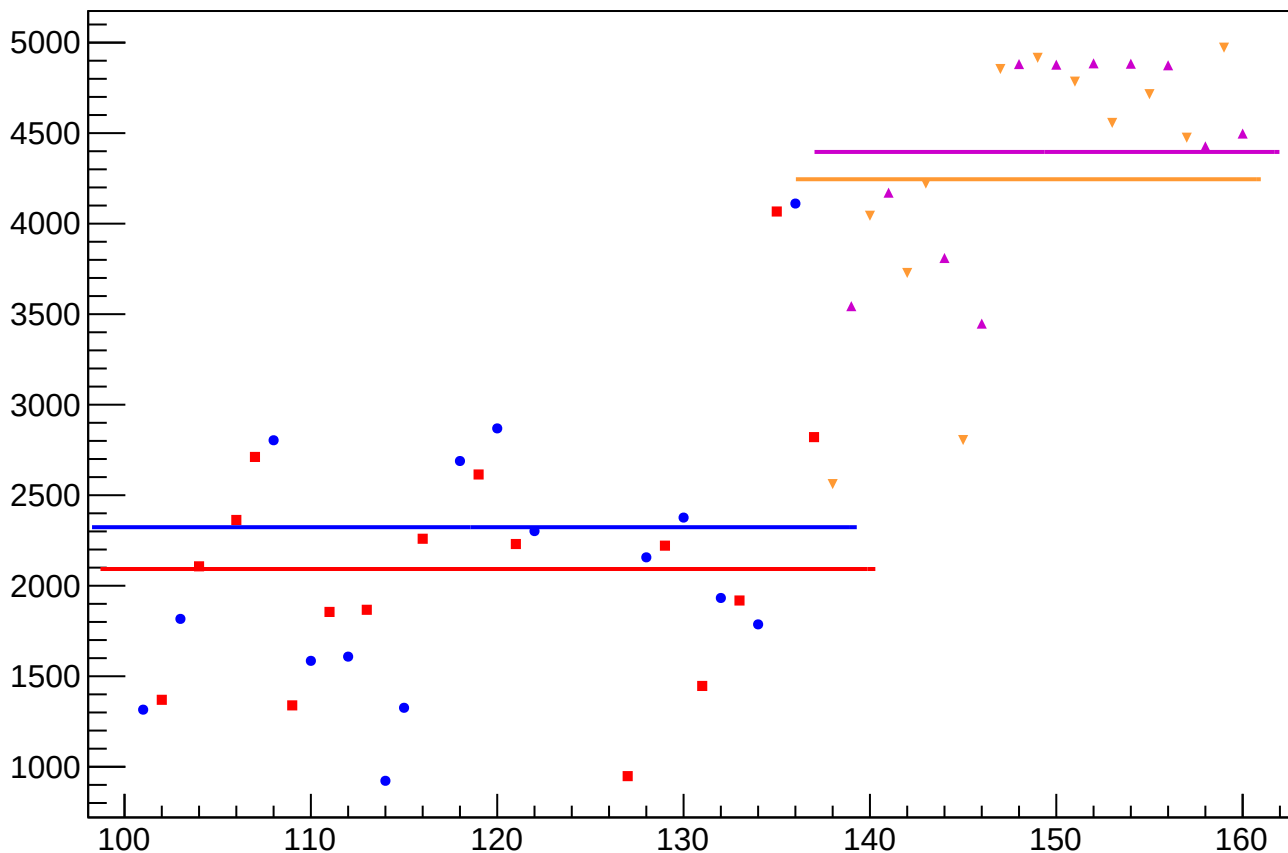
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

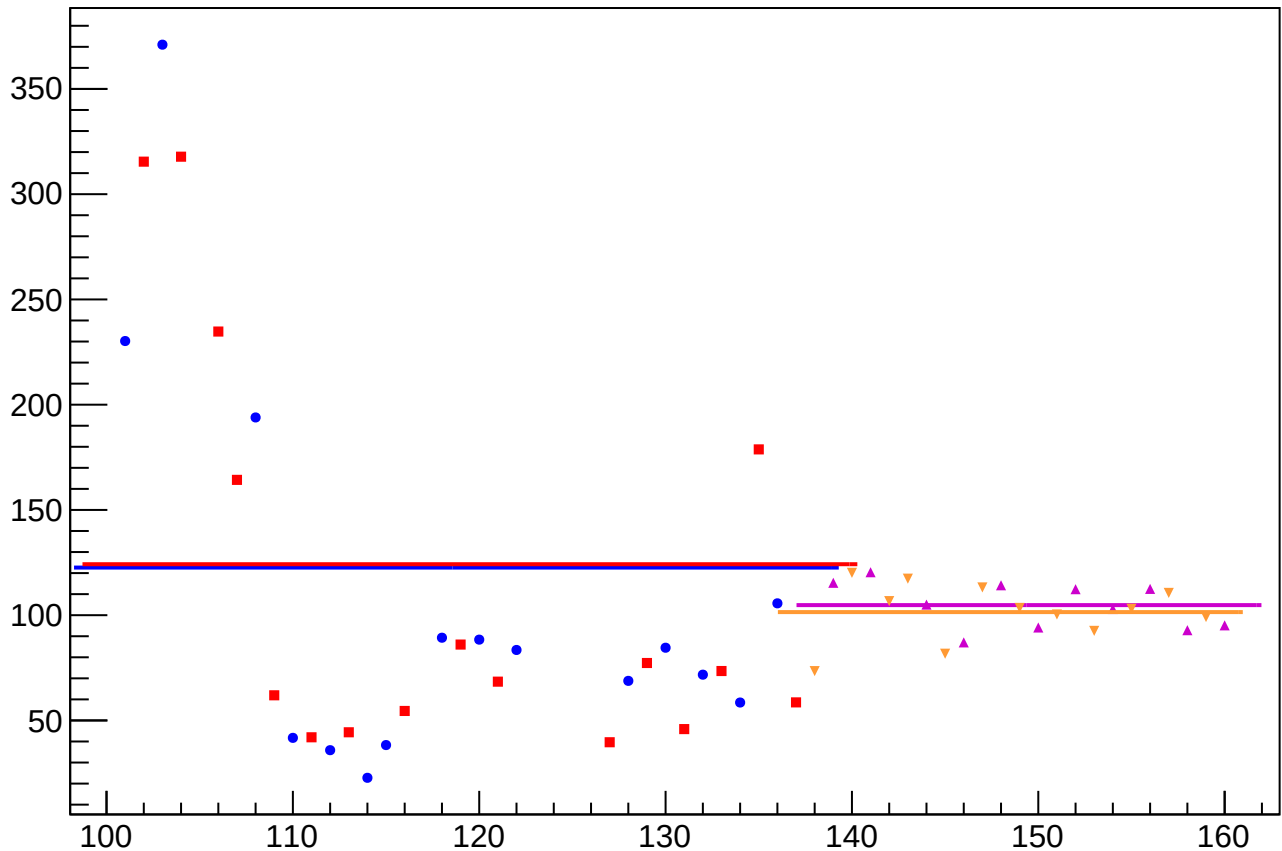
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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		

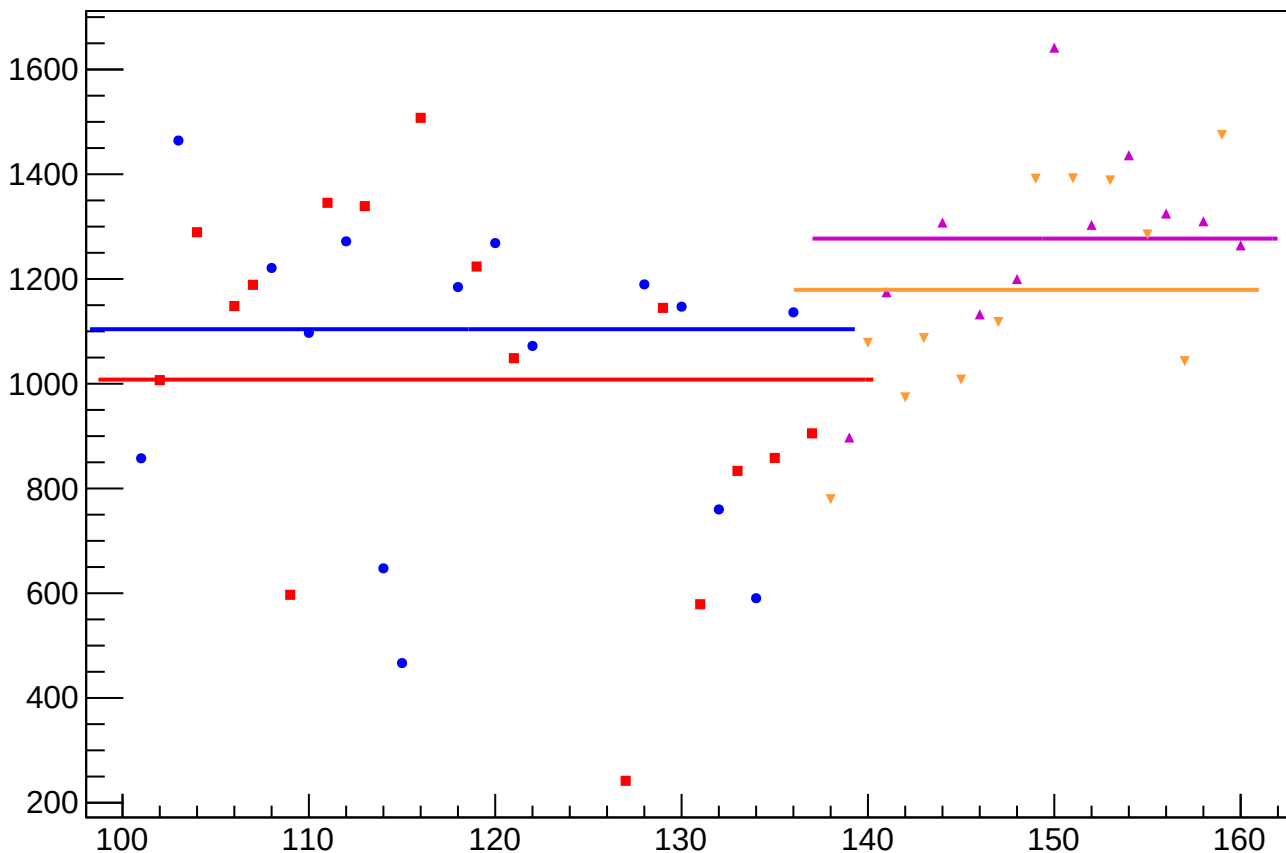
dit_sam7_coil3_err_mean vs Slug



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

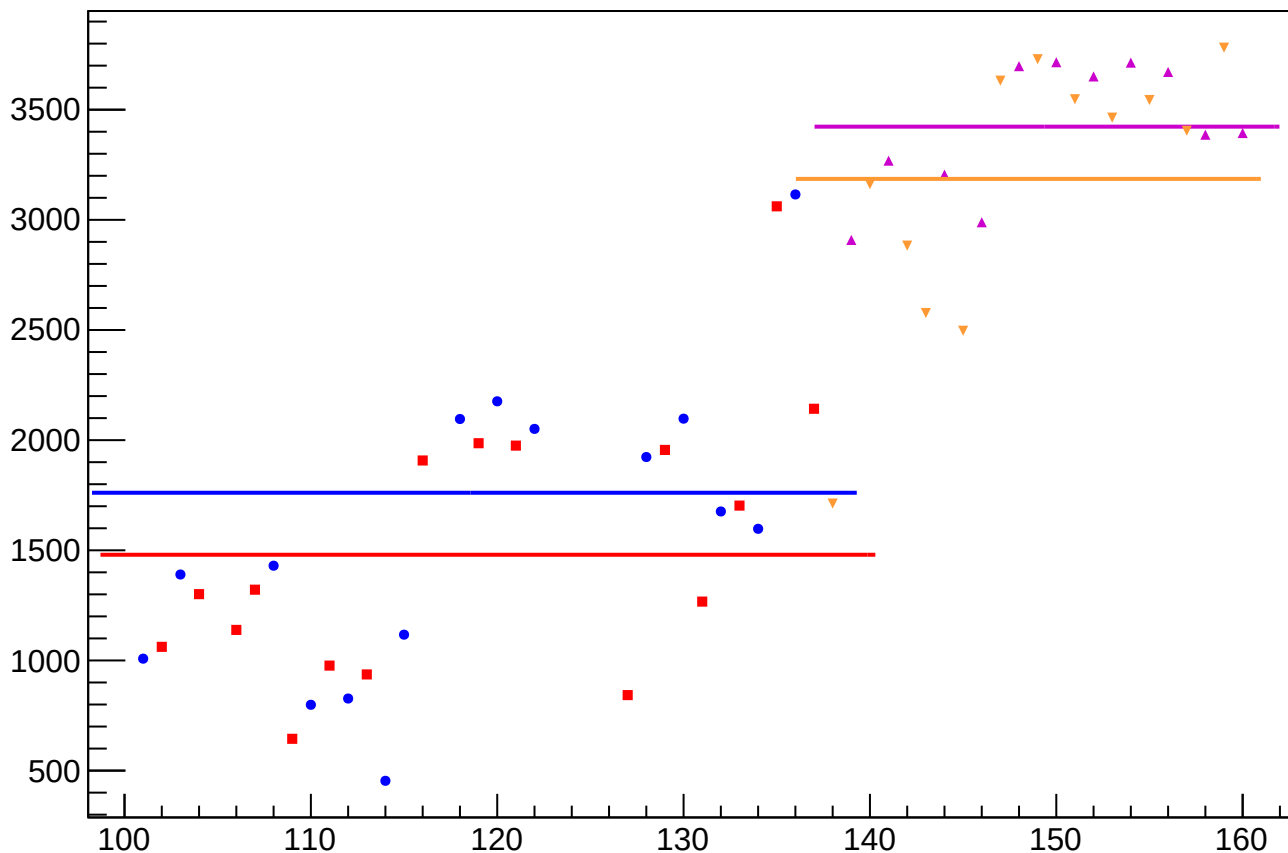
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

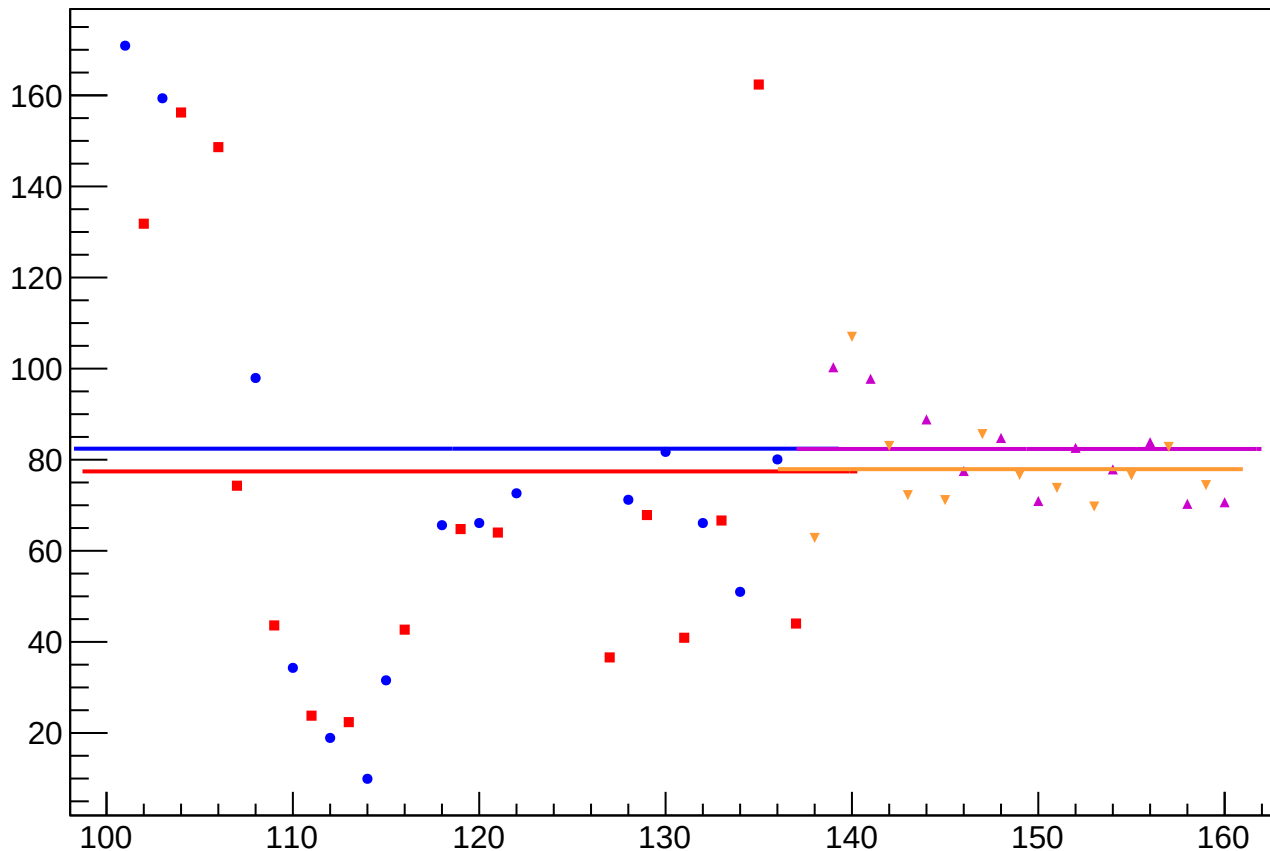
All: 2601.420+/-0.000 χ^2/NDF : 32383742993

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

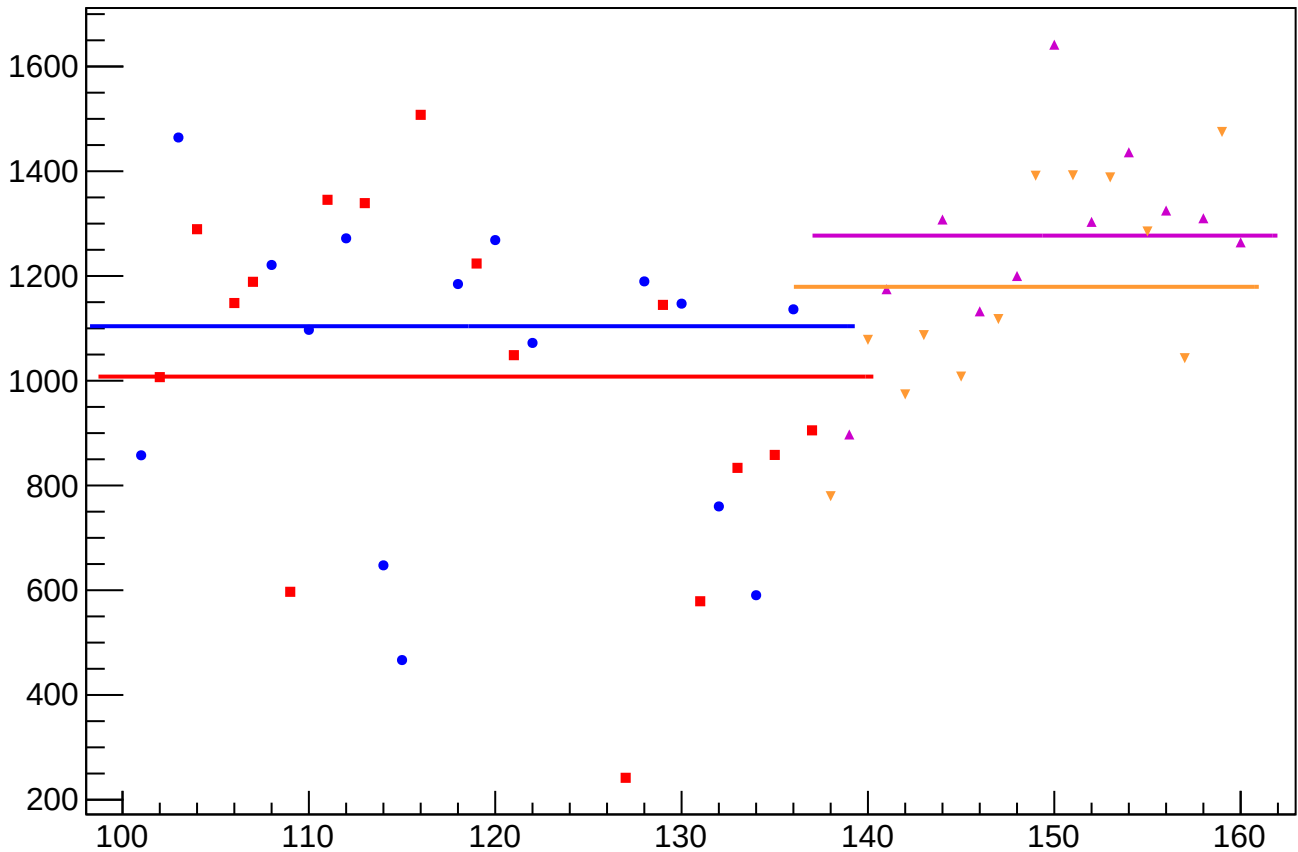
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ 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

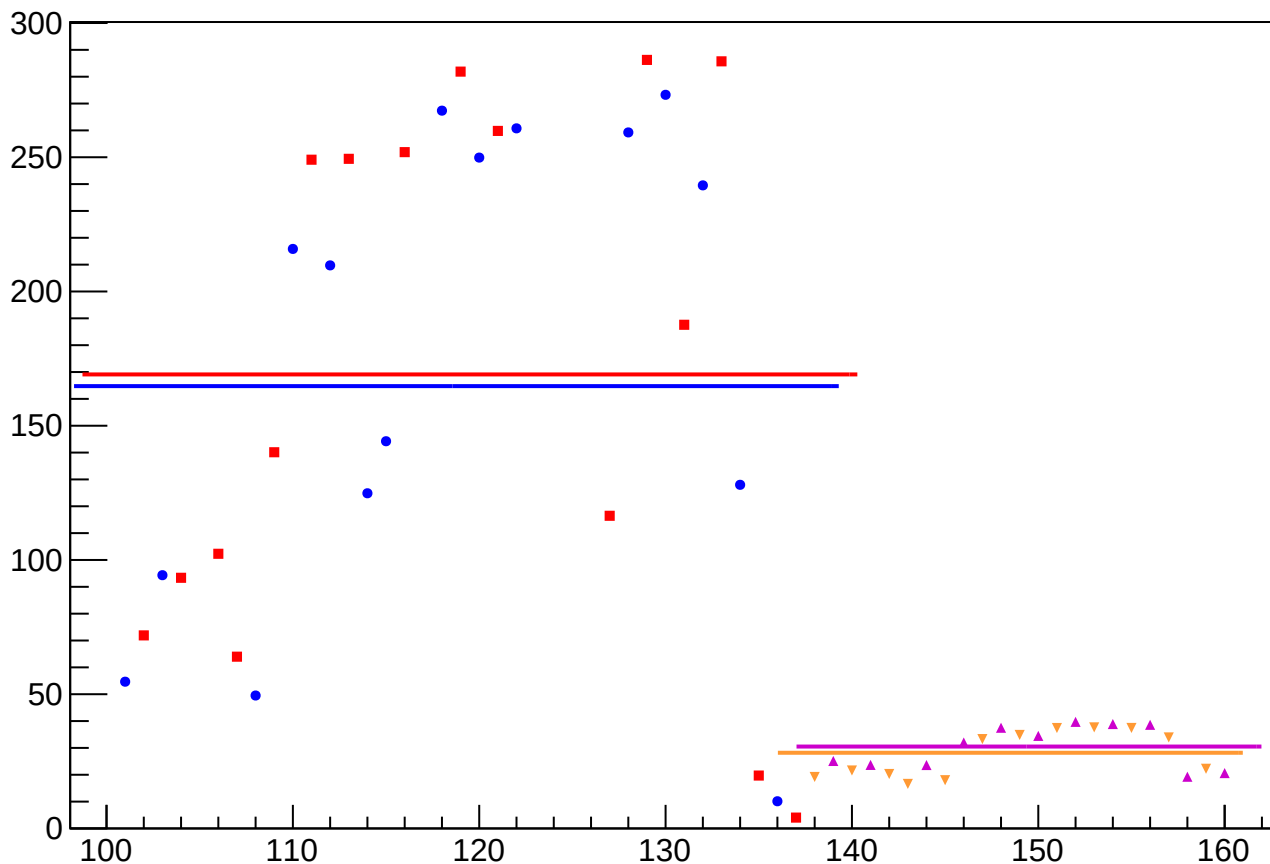
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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



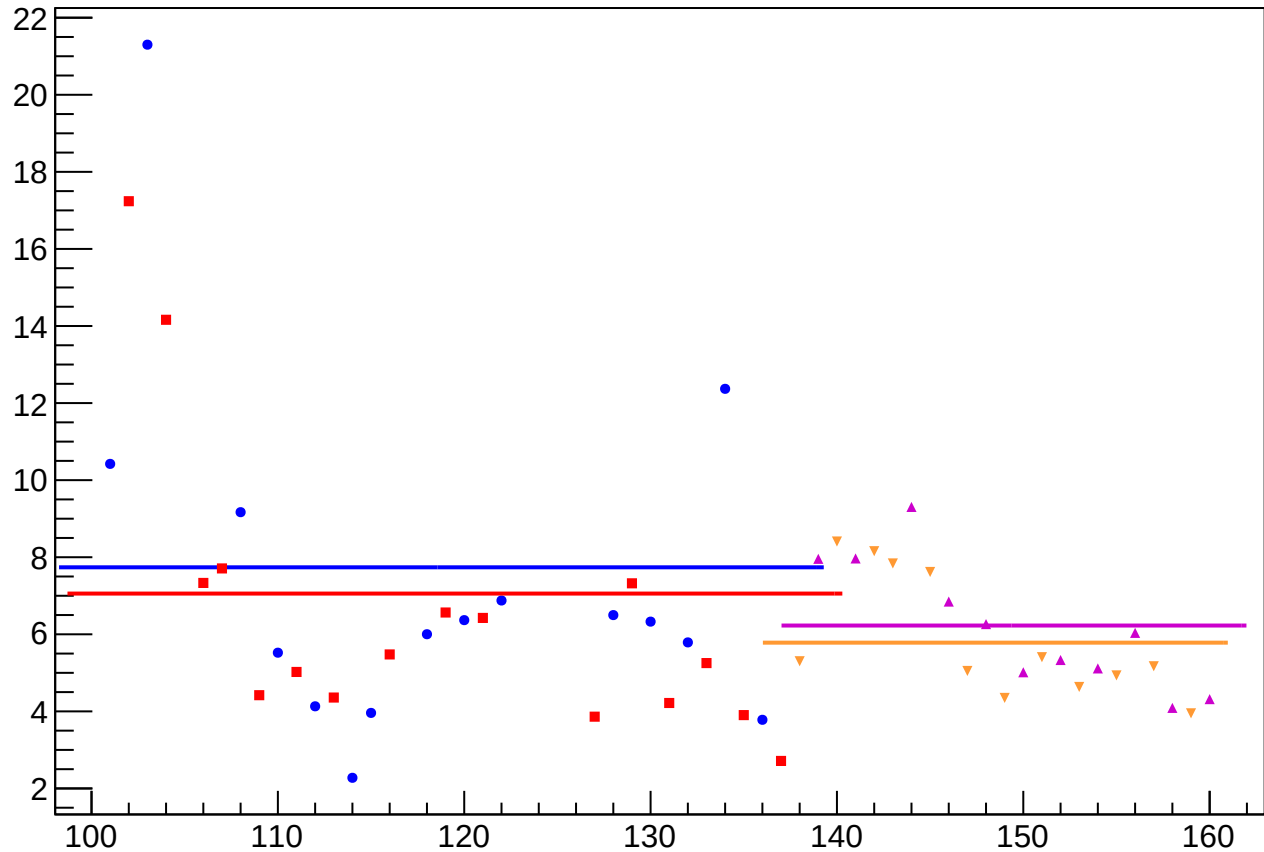
Right In: 164.752 ± 0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192 ± 0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108 ± 0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

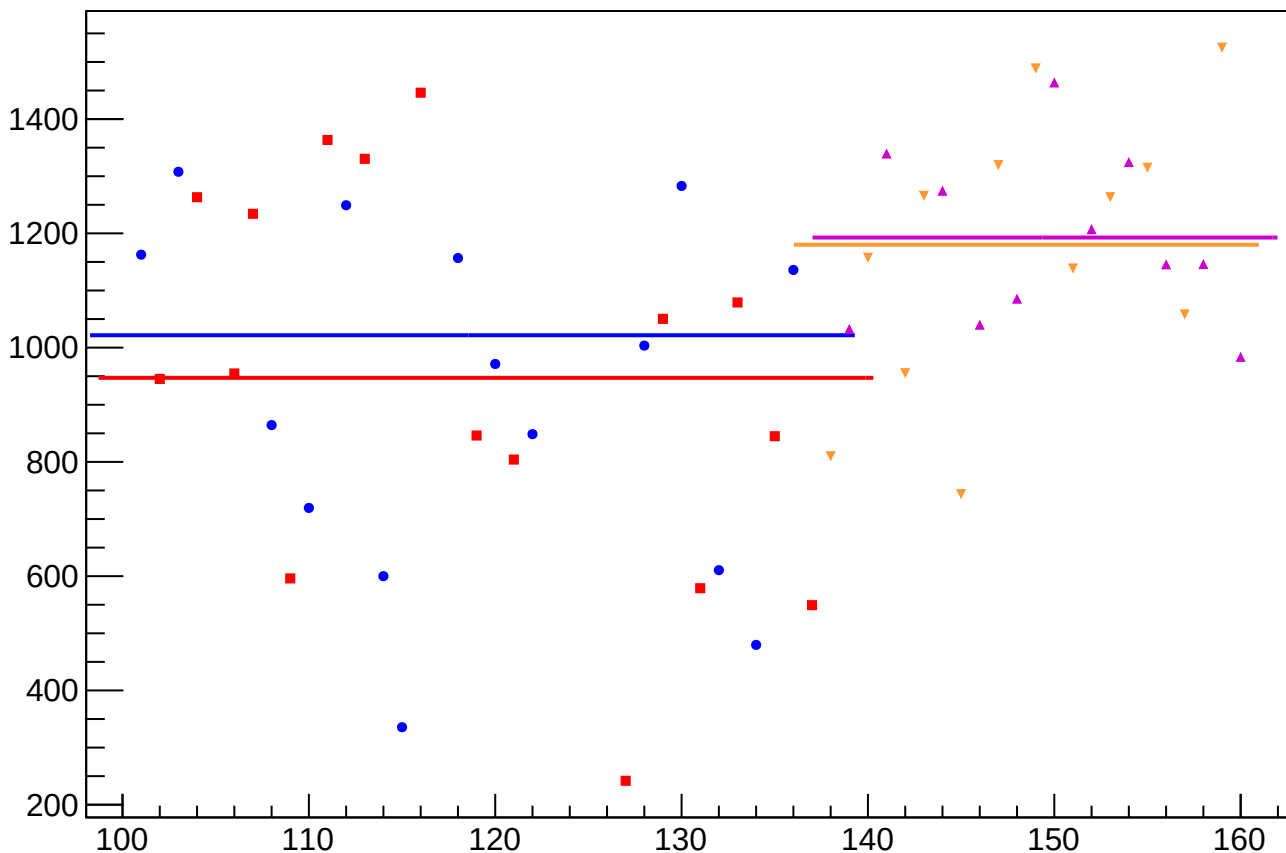
Left In: 30.507 ± 0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

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

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

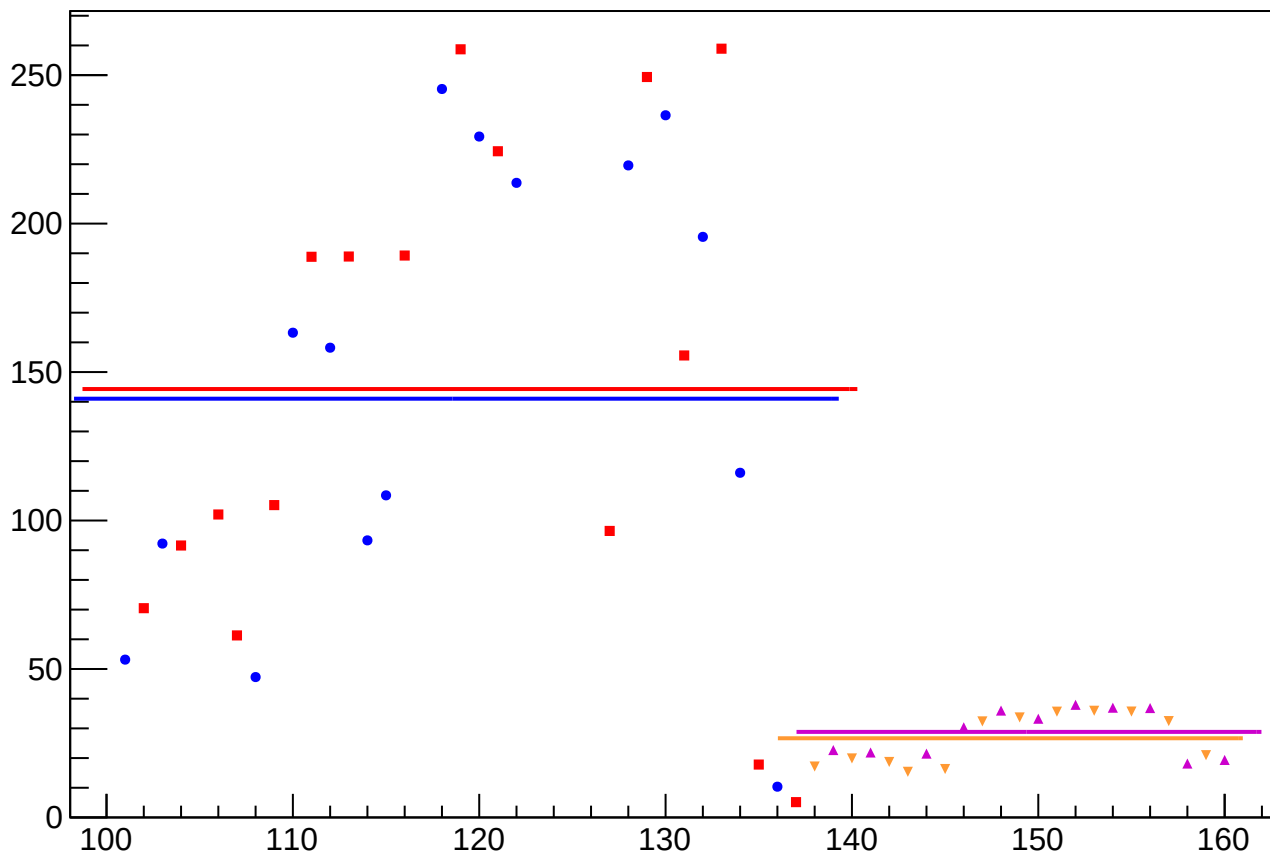
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

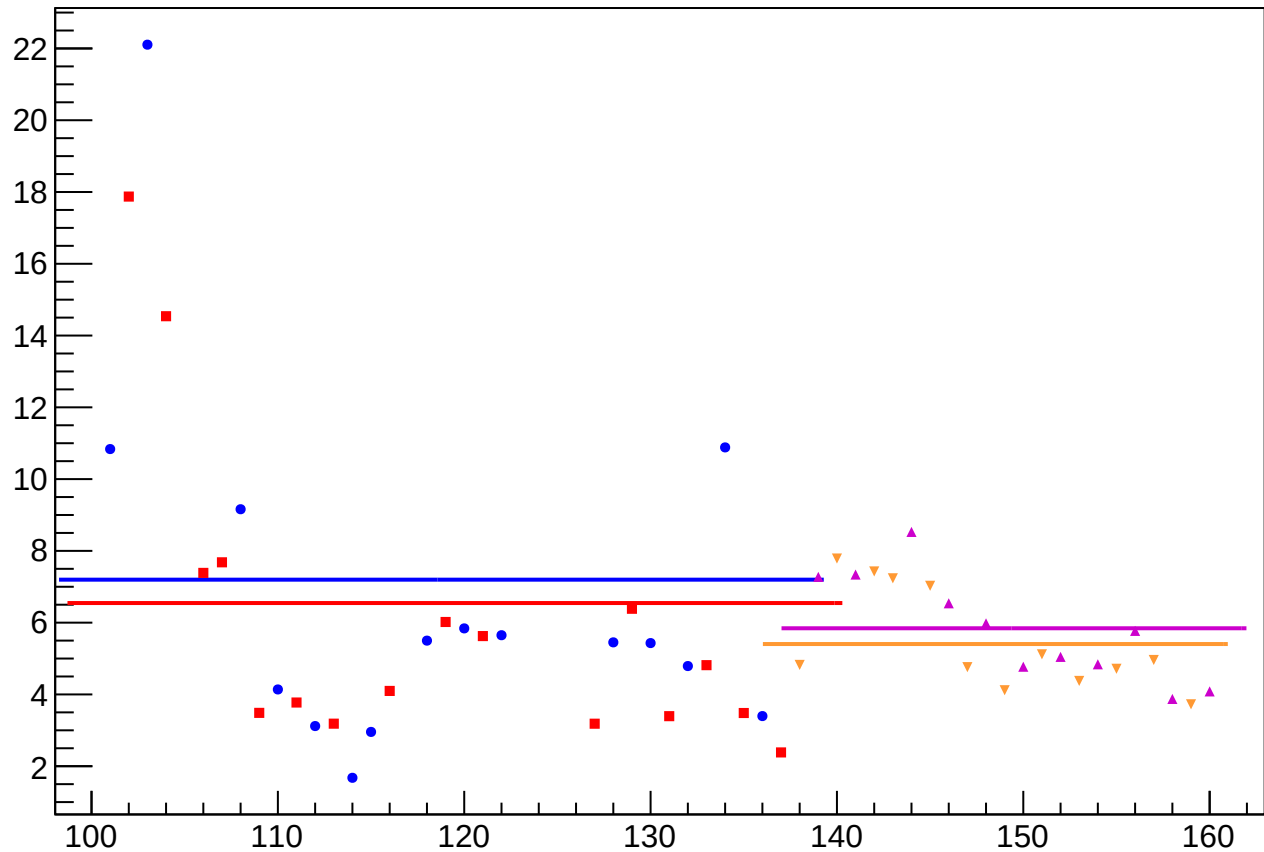
Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.703+/-0.000 χ^2/NDF : 1902686413208

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

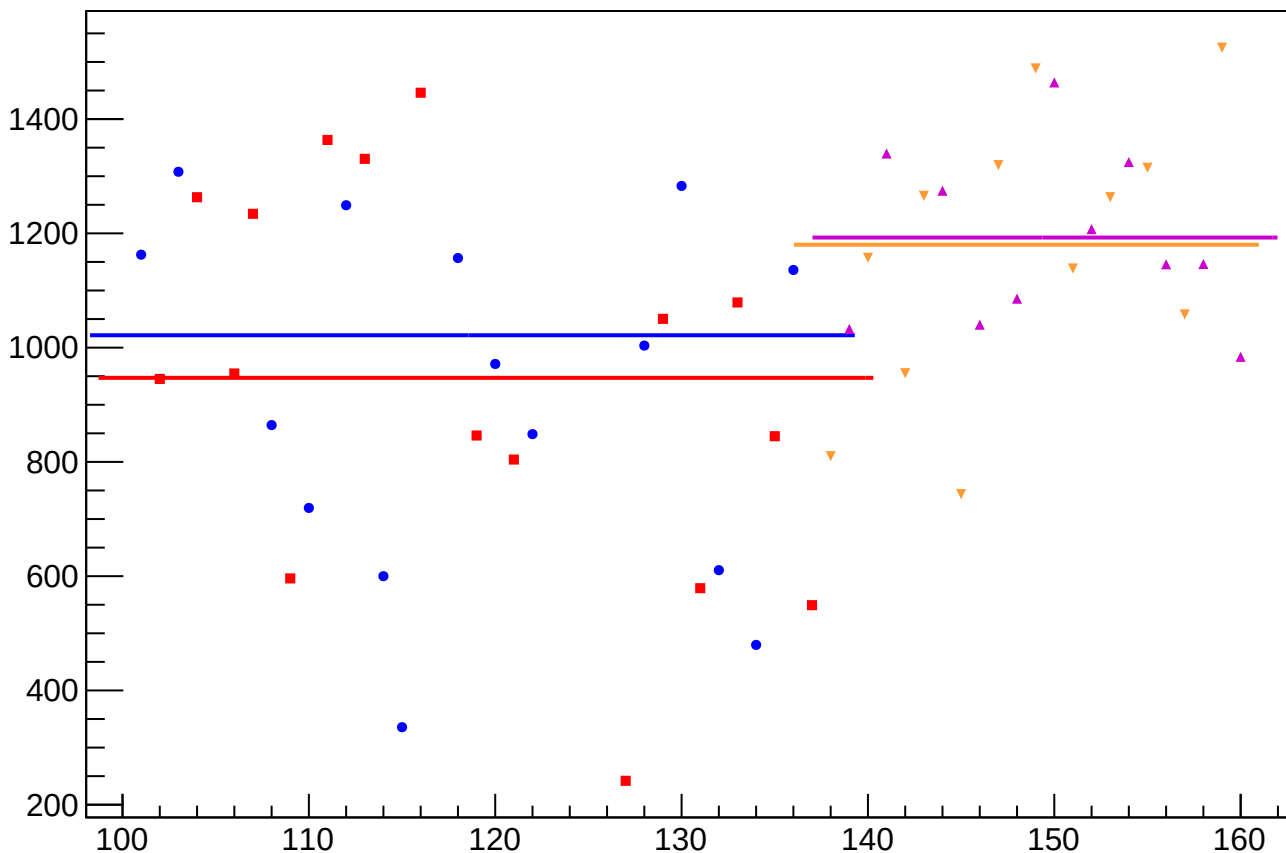
Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

+ 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

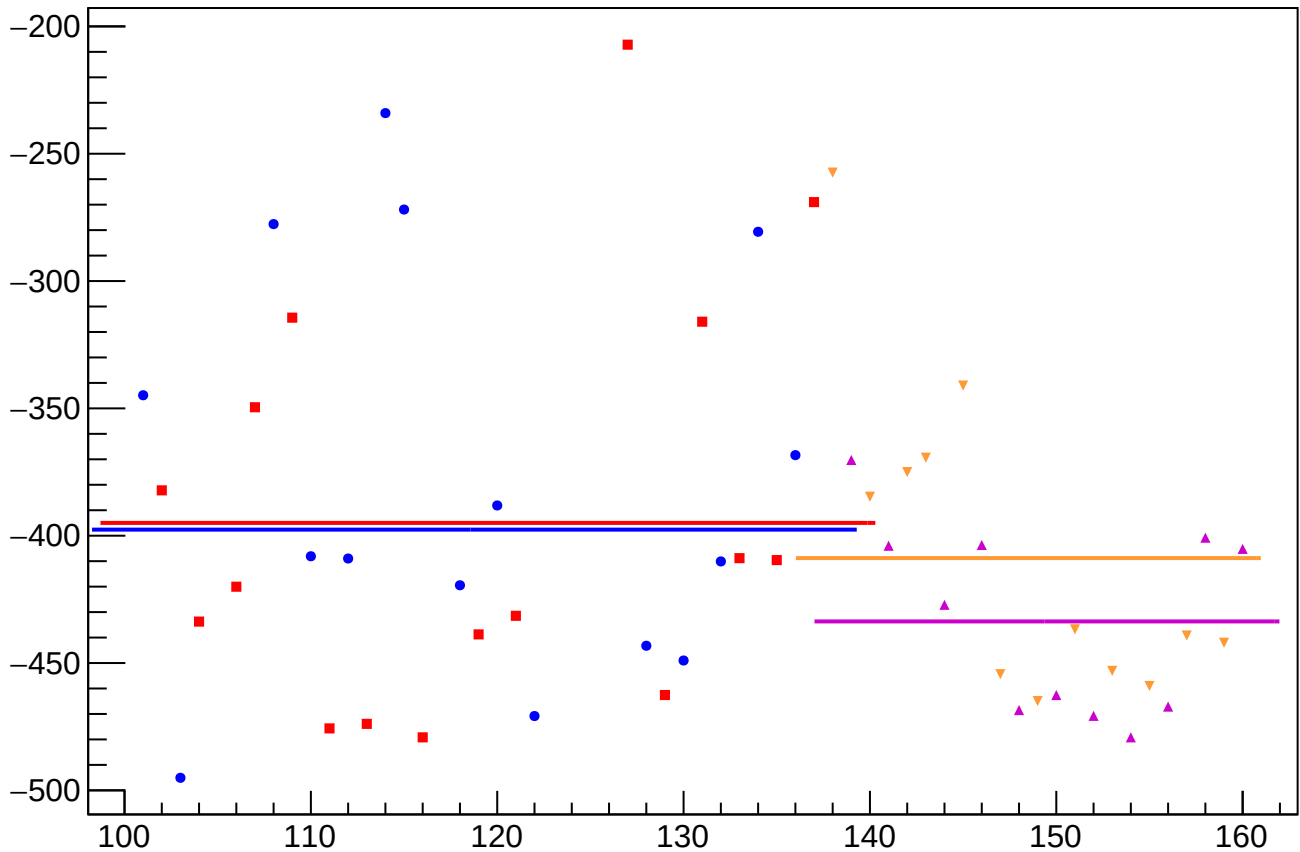
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

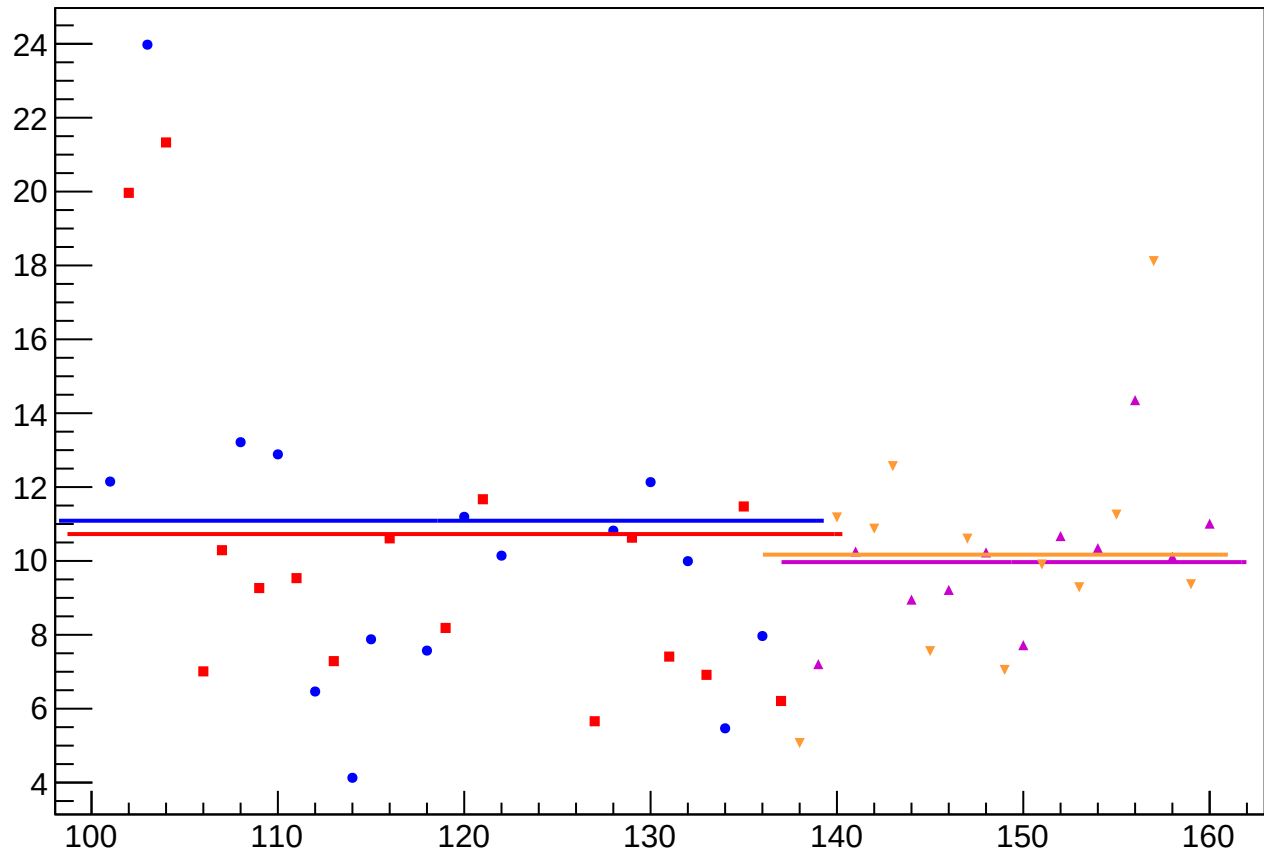
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089±/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 10.171±/-0.000 χ^2/NDF : 9089684940831859823552687731900416.0/11

Right Out: 10.728±/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

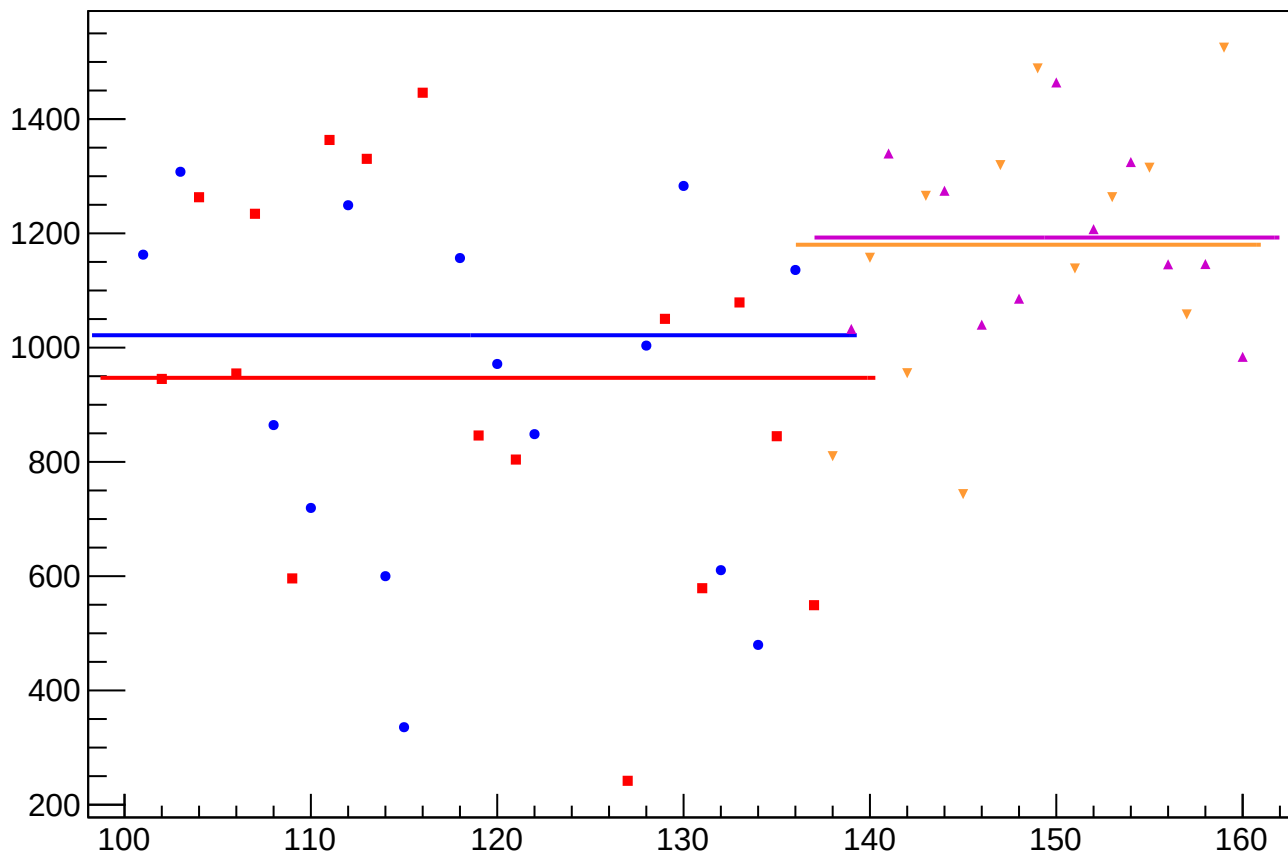
Left In: 9.968±/-0.000 χ^2/NDF : 2905664542402179840795878184976384.0/10

+ sign 10.552±/-0.000 χ^2/NDF : 2364557431902666

All: 10.418±/-0.000 χ^2/NDF : 4159719349794

- sign 10.287±/-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

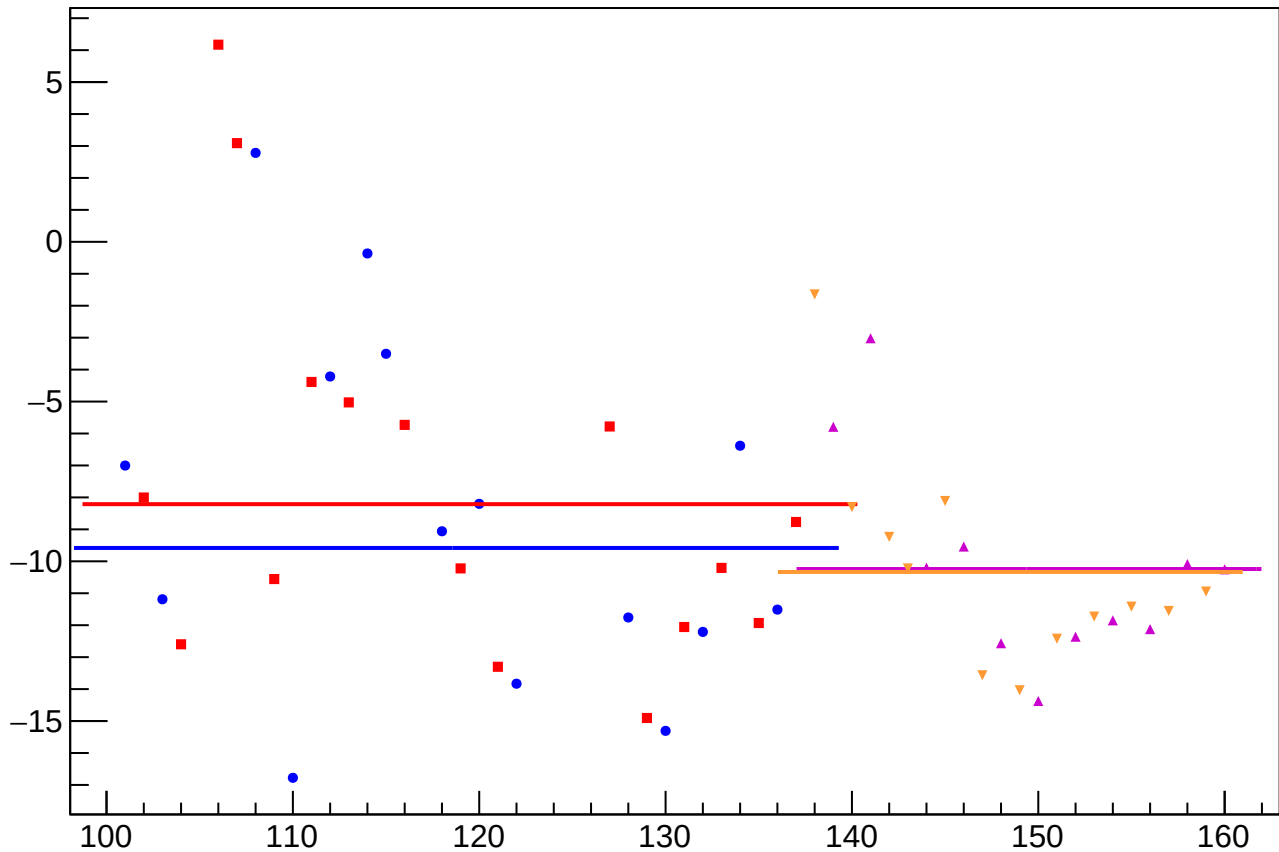
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

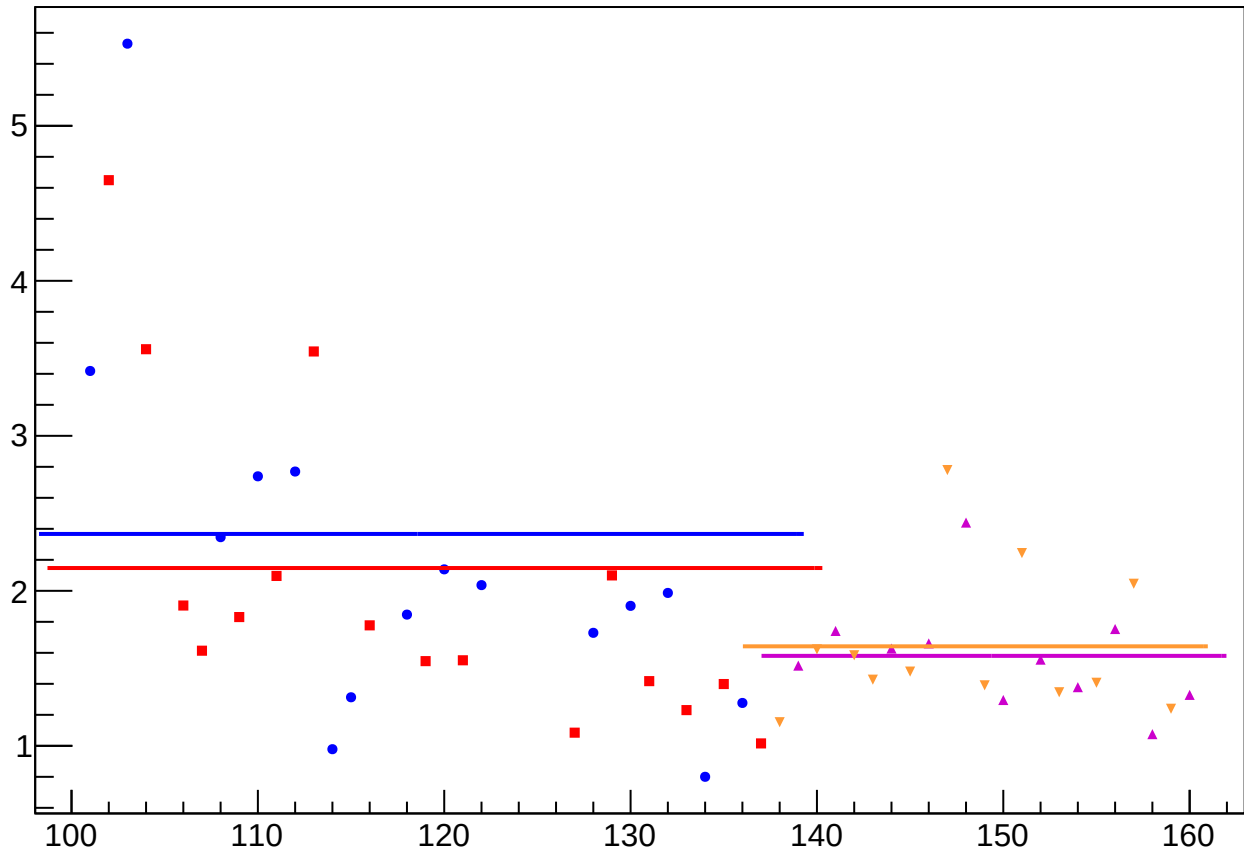
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 195842148226043527039909915262976.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

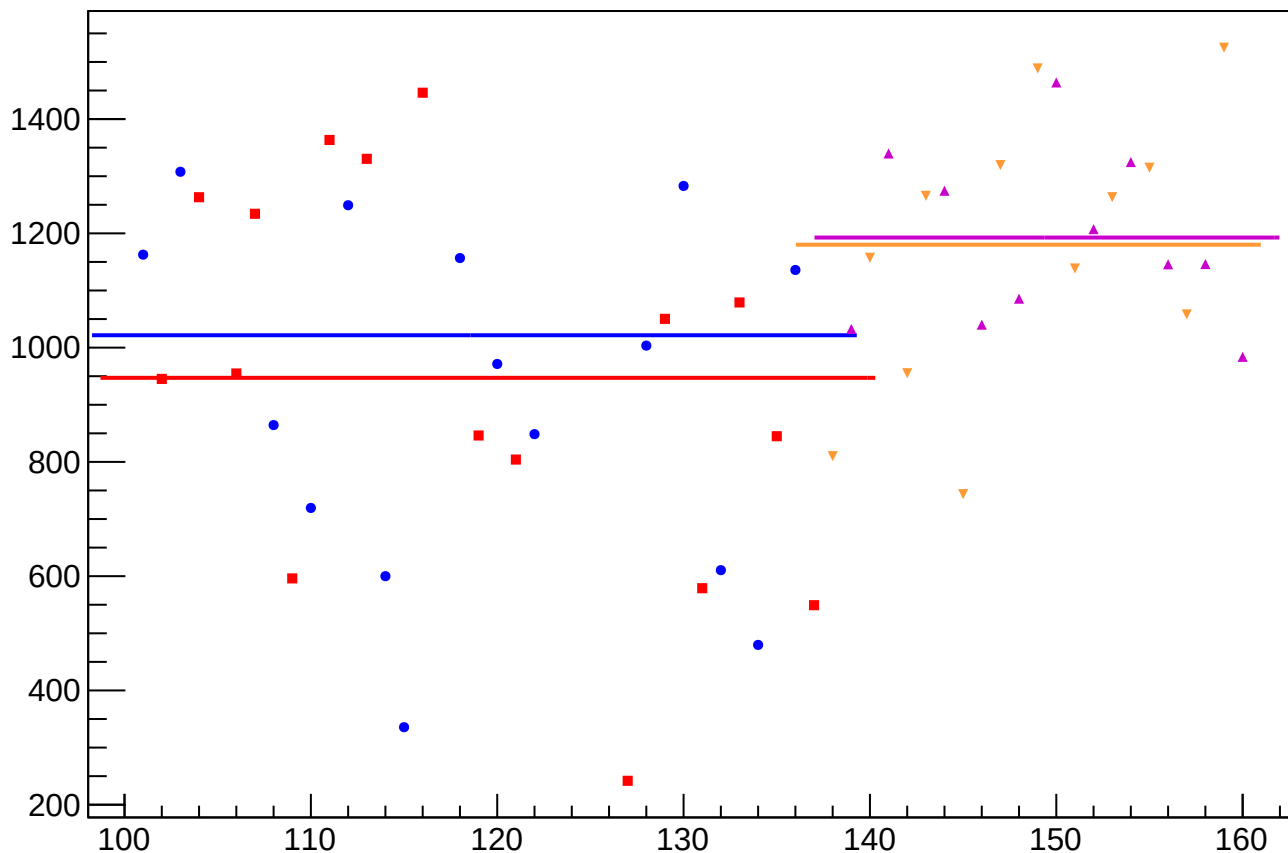
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.943 $\pm$ 0.000 χ^2 /NDF: 13159834417677760

All: 1.880 $\pm$ 0.000 χ^2 /NDF: 23210295231068

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

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

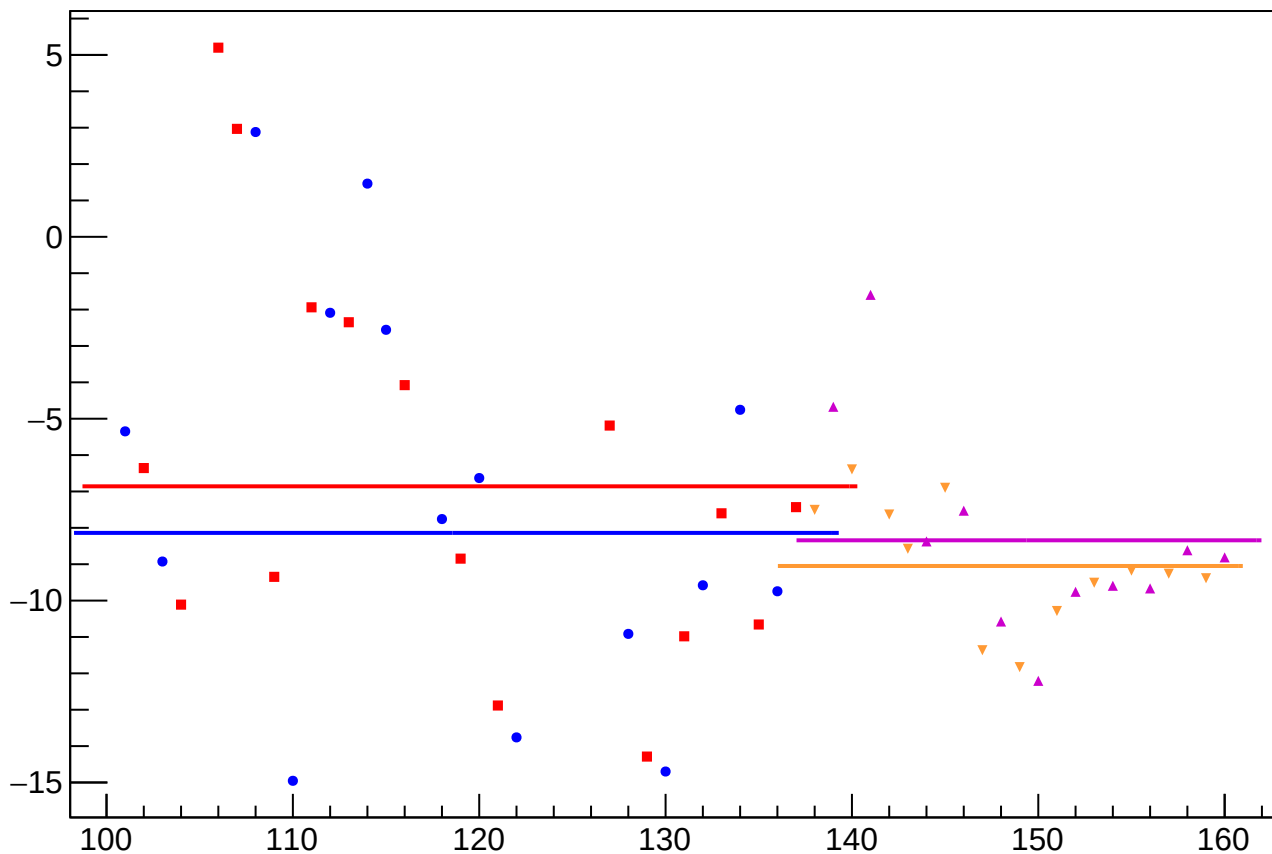
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

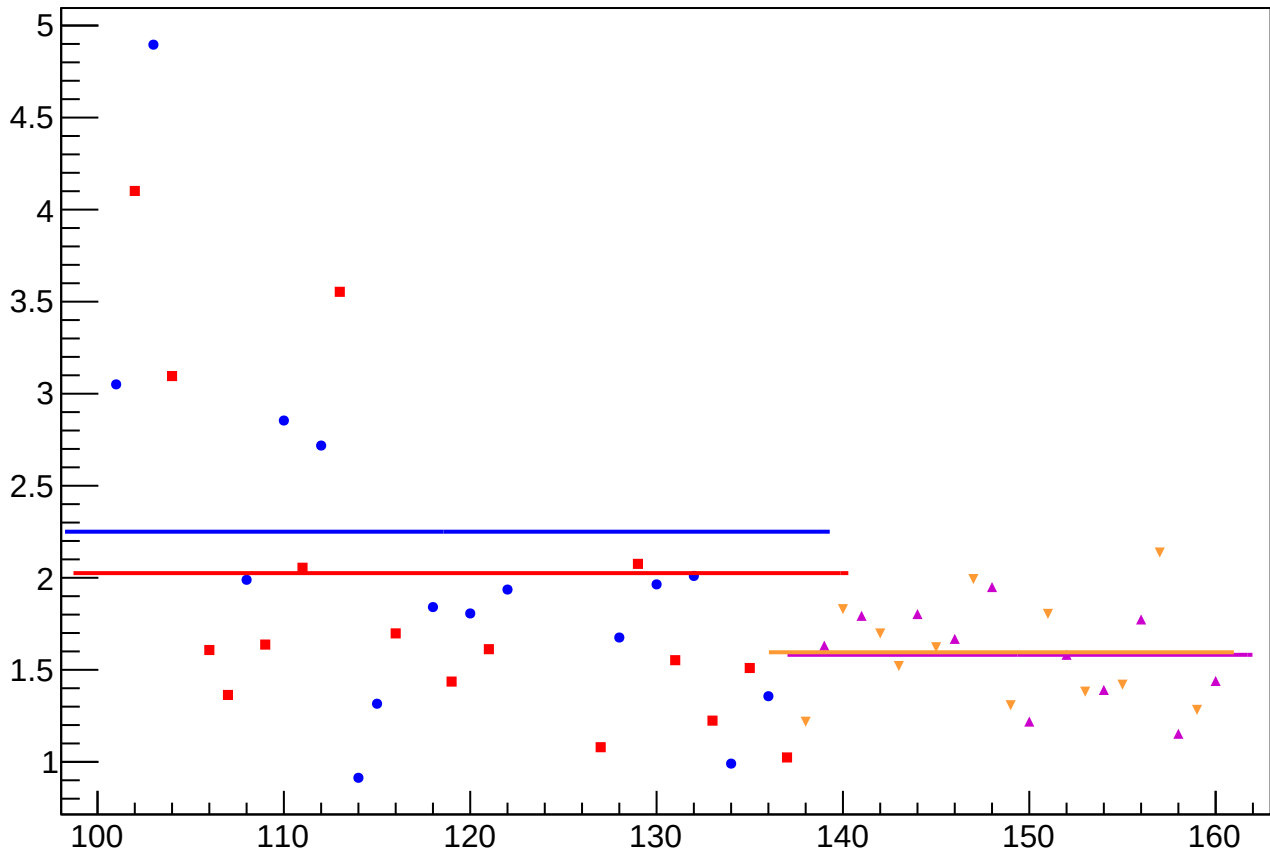
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ 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



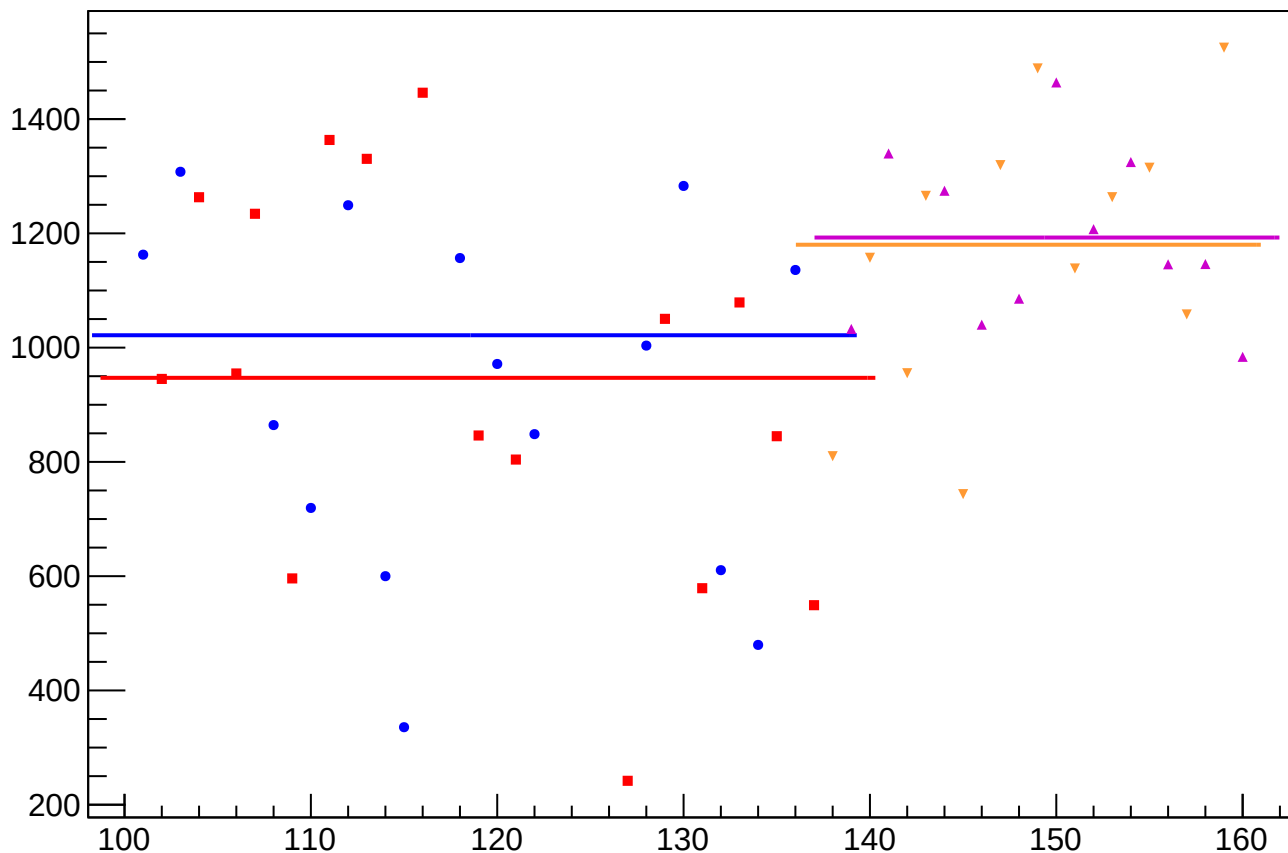
Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

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

dit_4eY_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

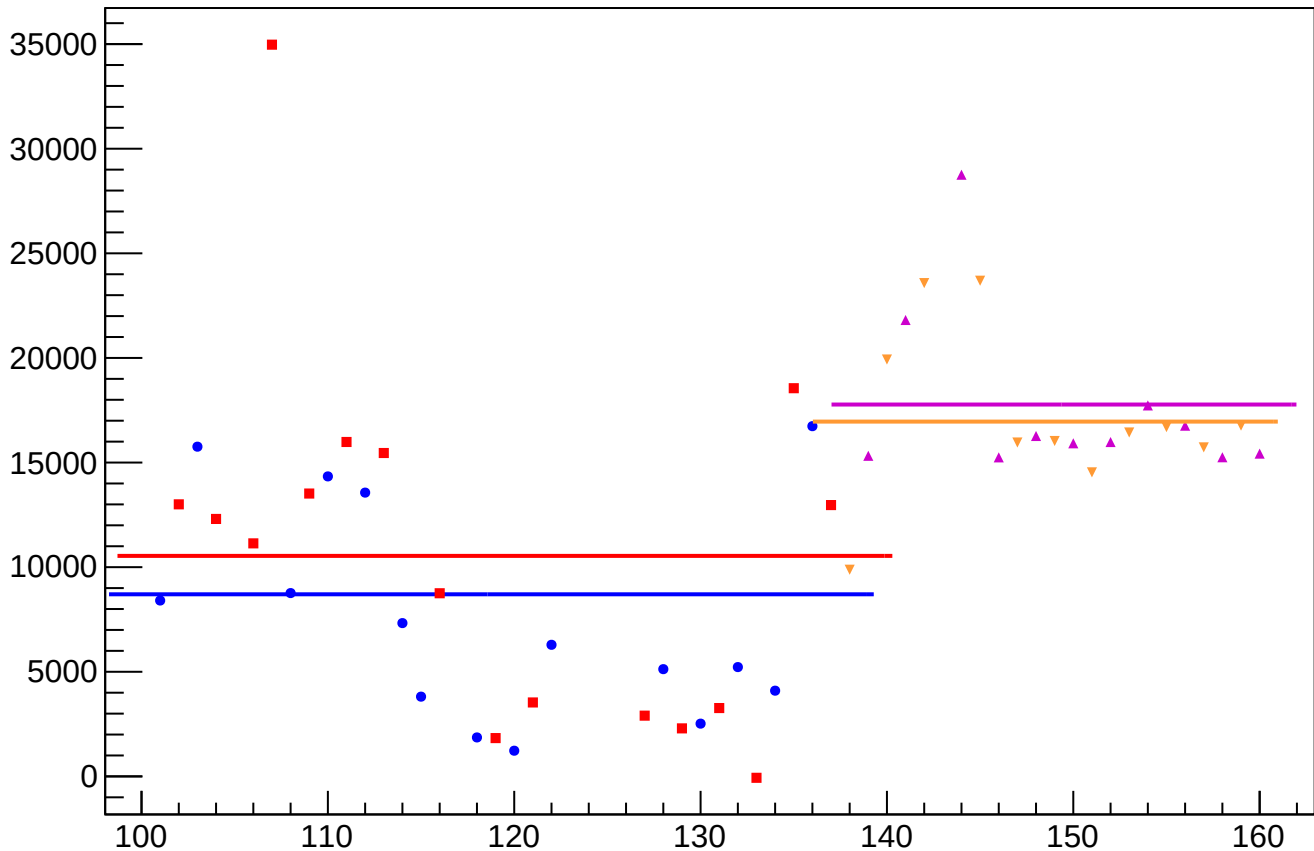
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

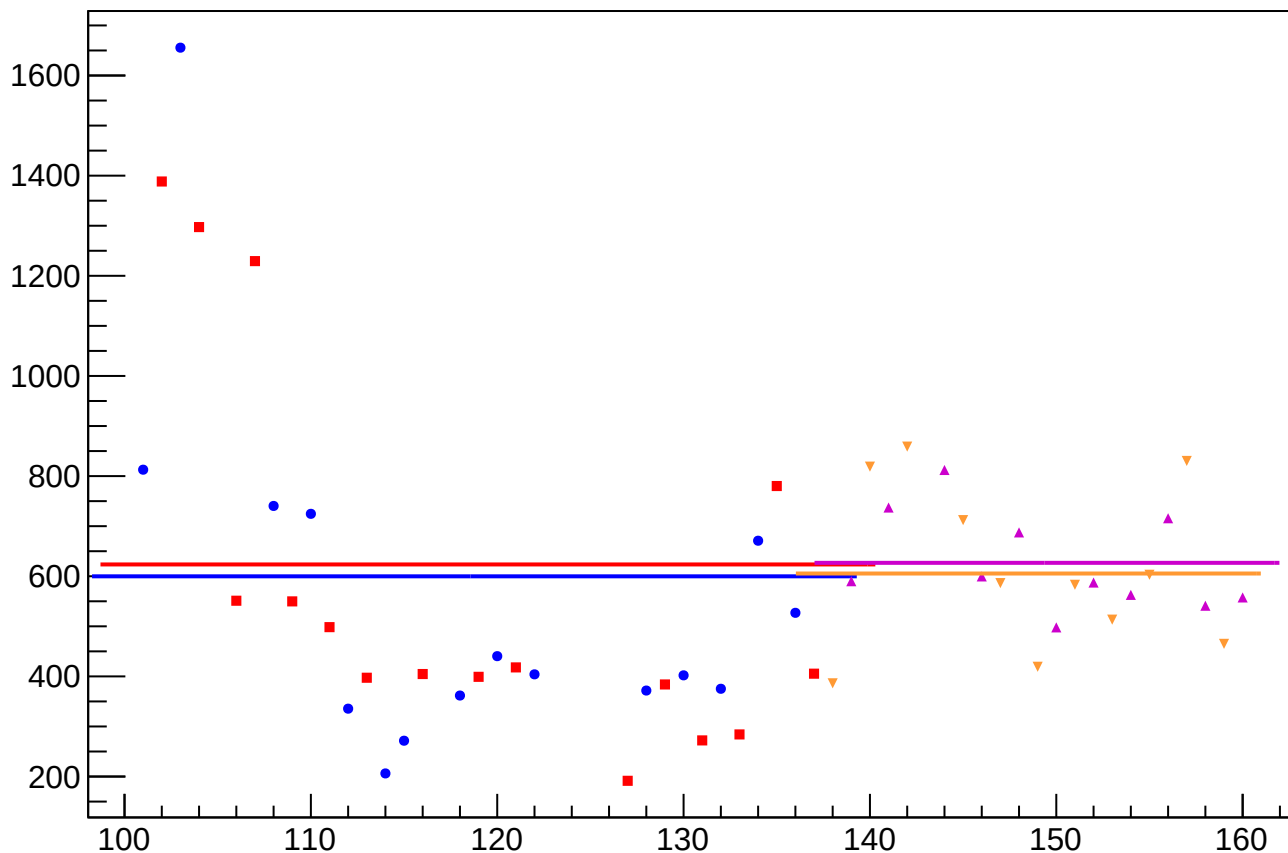
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_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

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

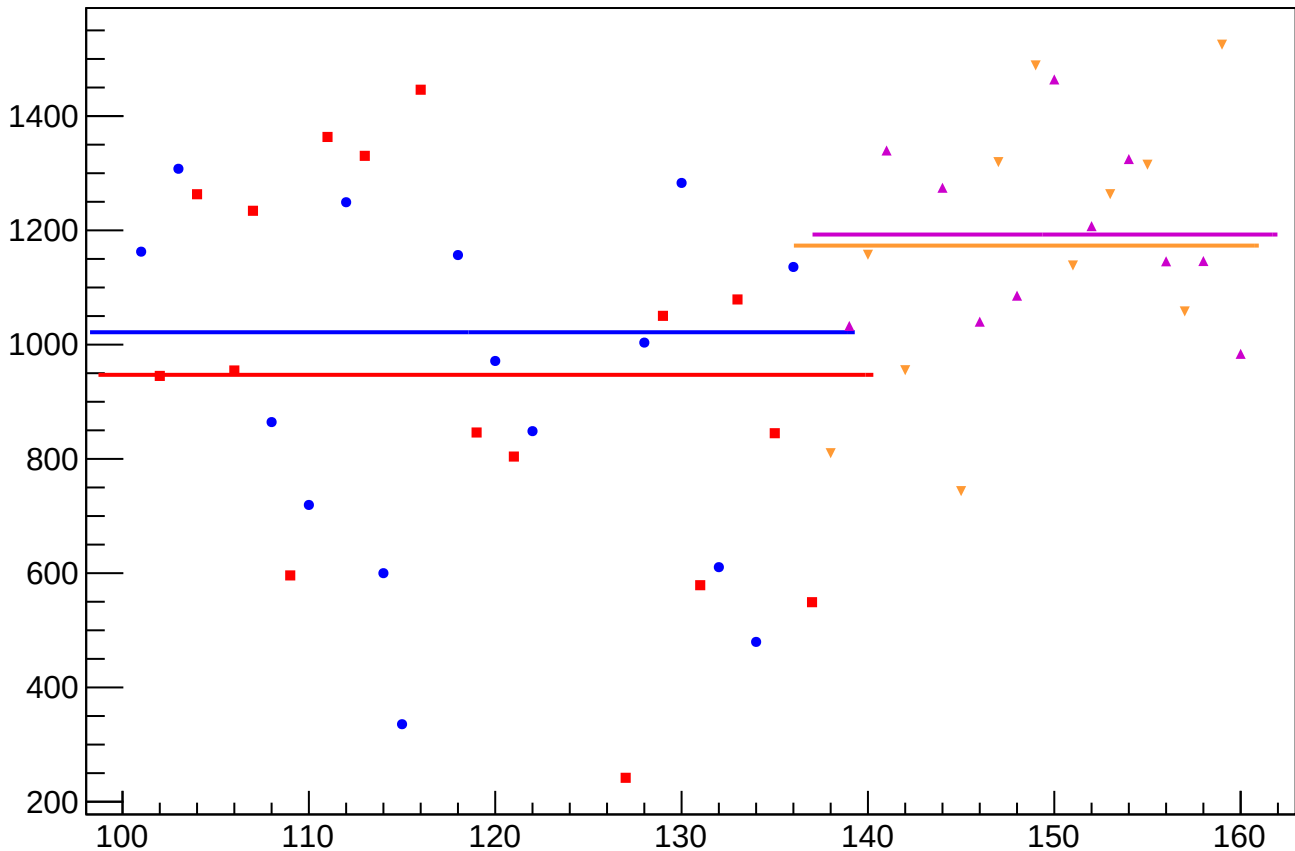
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

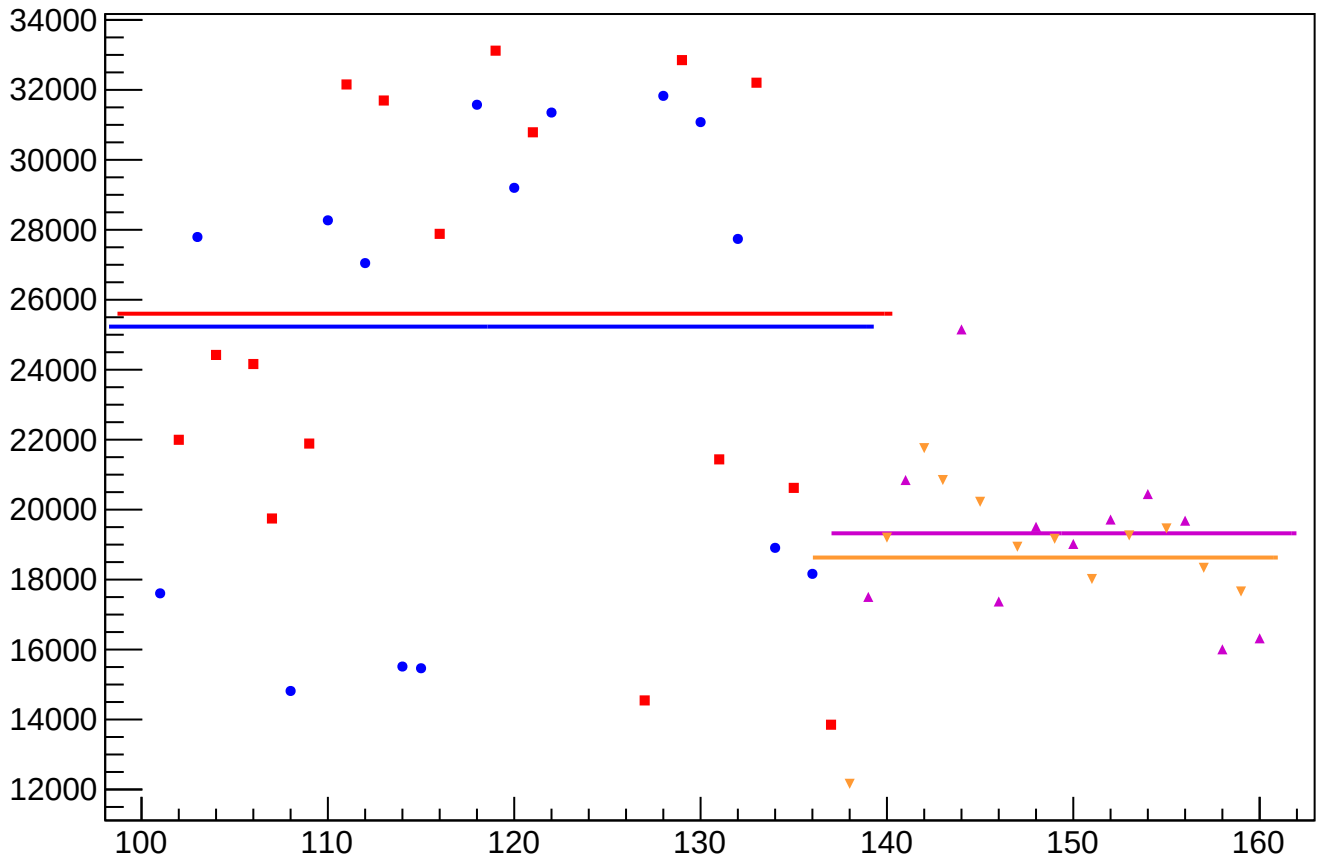
Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1107.545+/-0.000	χ^2/NDF : 99202805471874
Left Out: 1173.334+/-0.000	χ^2/NDF : 50259225692125439679244442751924699136.0/10	All: 1098.373+/-0.000	χ^2/NDF : 20984187795
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

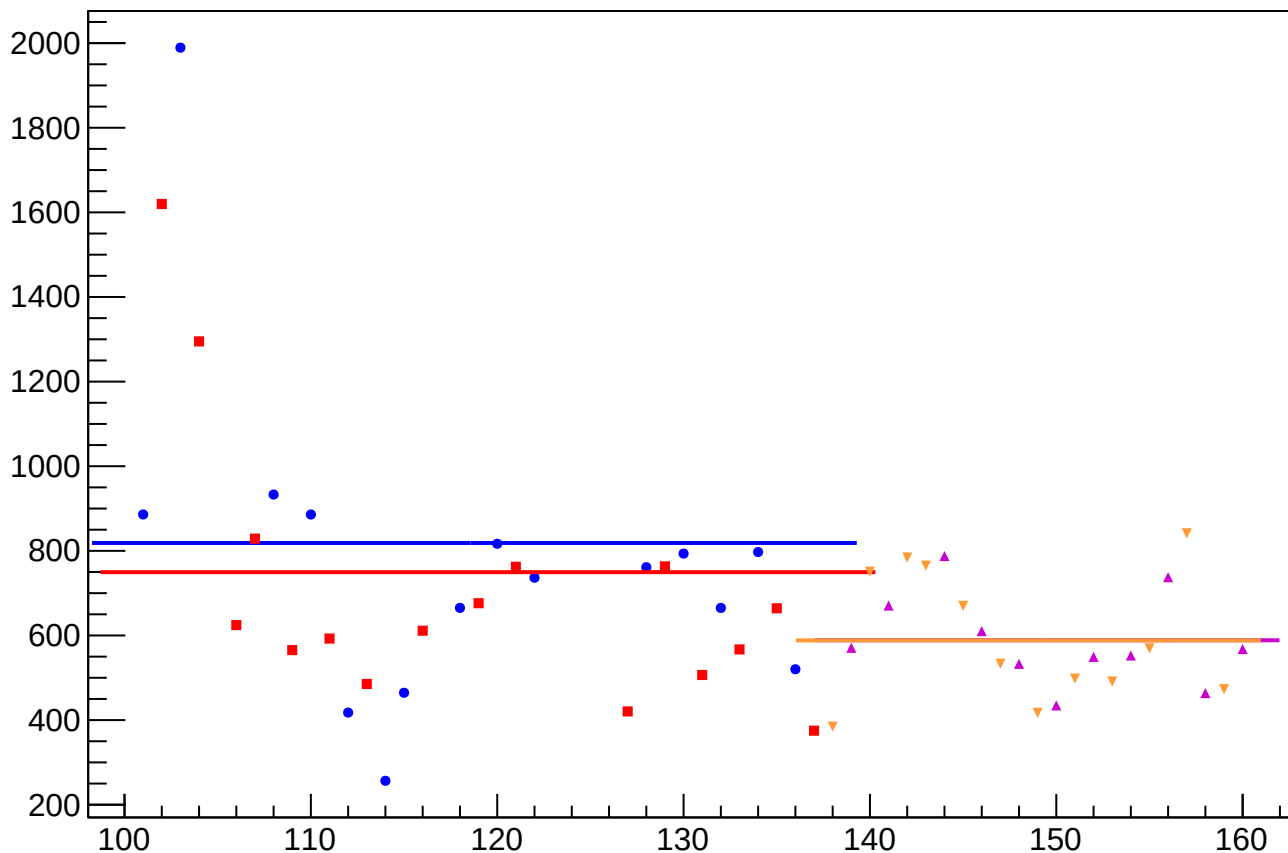
dit_usr_coil7_mean vs Slug



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

Left Out: 588.391 $\pm$ 0.000 χ^2 /NDF: 20060197377989114991296665666078113792.0/11

Right Out: 749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

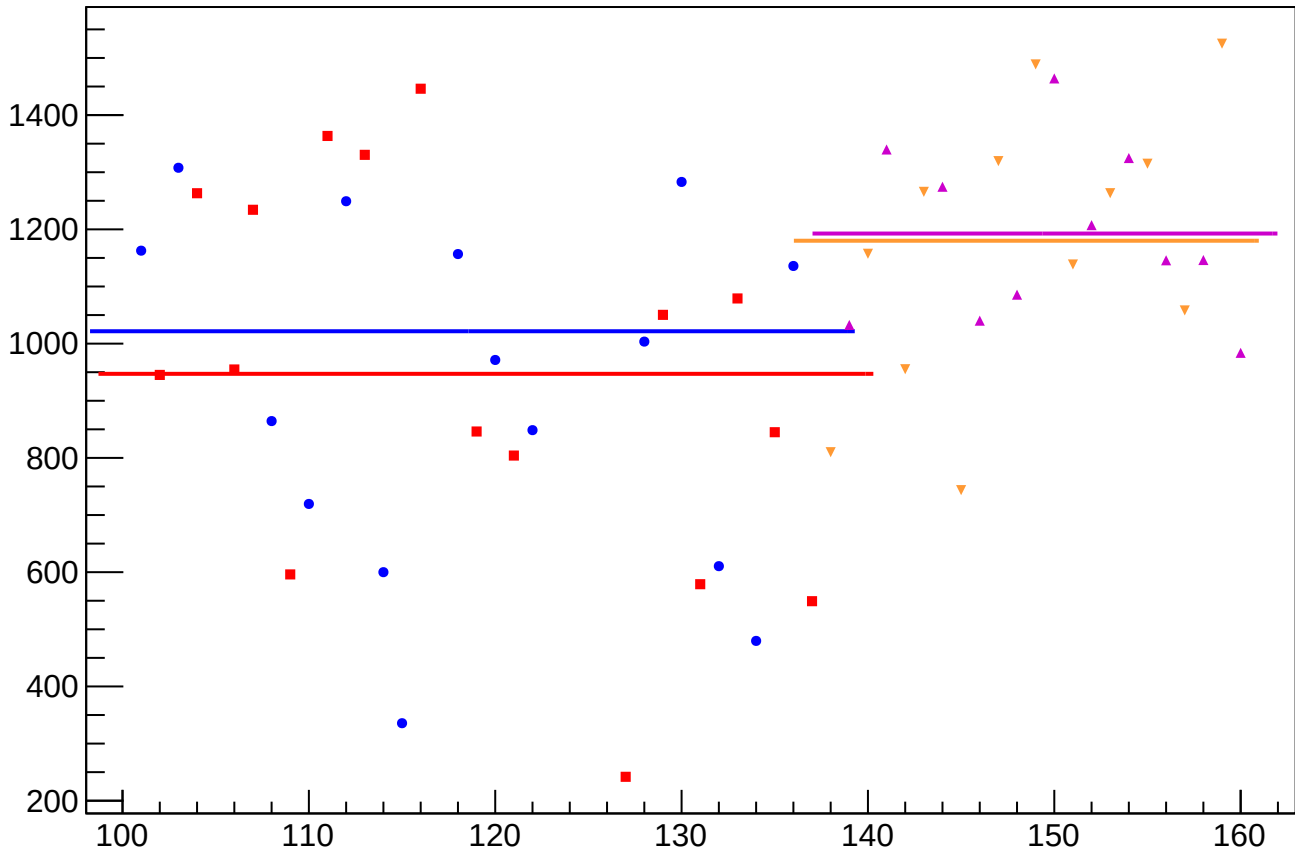
Left In: 588.693 $\pm$ 0.000 χ^2 /NDF: 9904386894828699094725074481582178304.0/10

+ sign 684.008 $\pm$ 0.000 χ^2 /NDF: 145791569069388

All: 669.969 $\pm$ 0.000 χ^2 /NDF: 244316509040

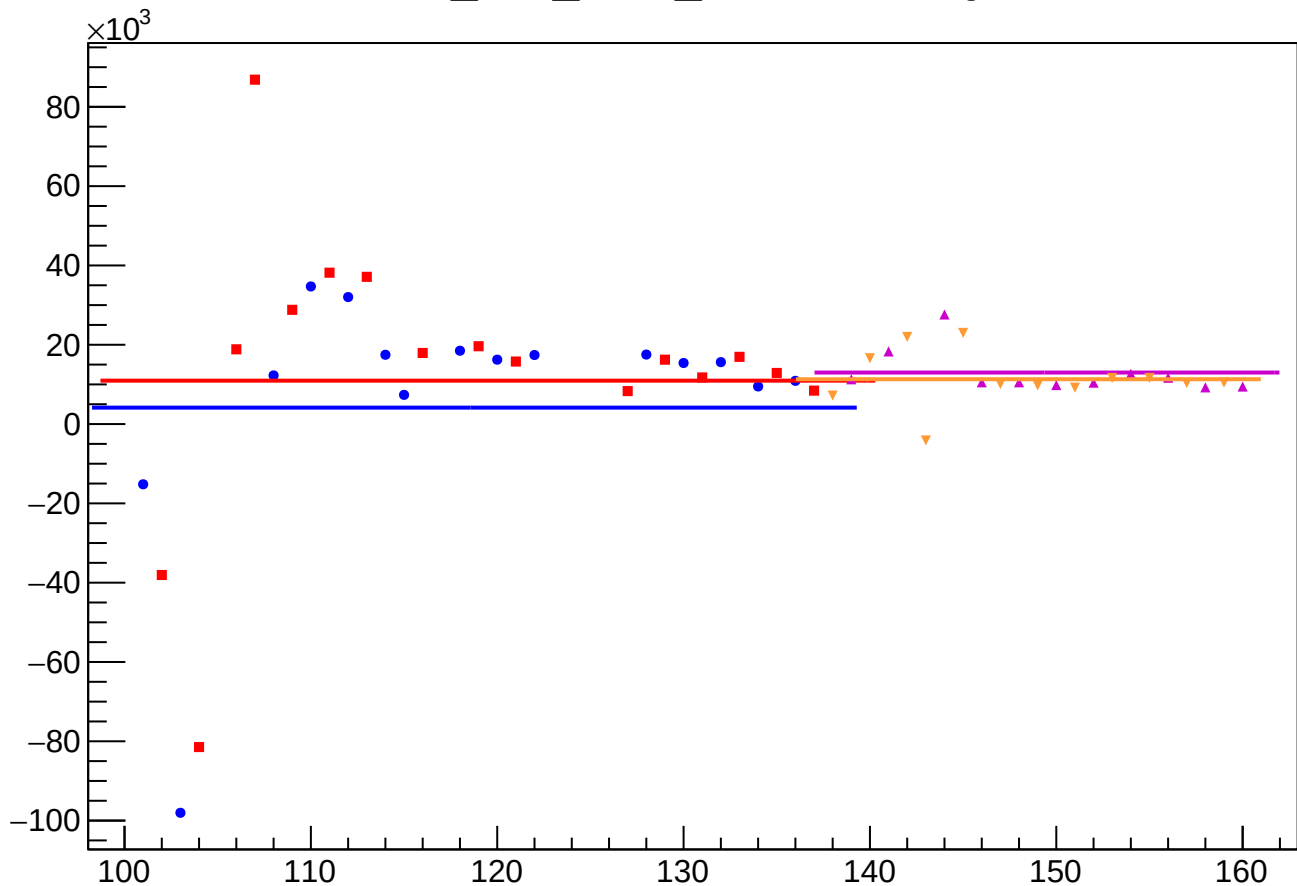
- sign 656.176 $\pm$ 0.000 χ^2 /NDF: 979142023590546

dit_usr_coil7_Ndata_mean vs Slug



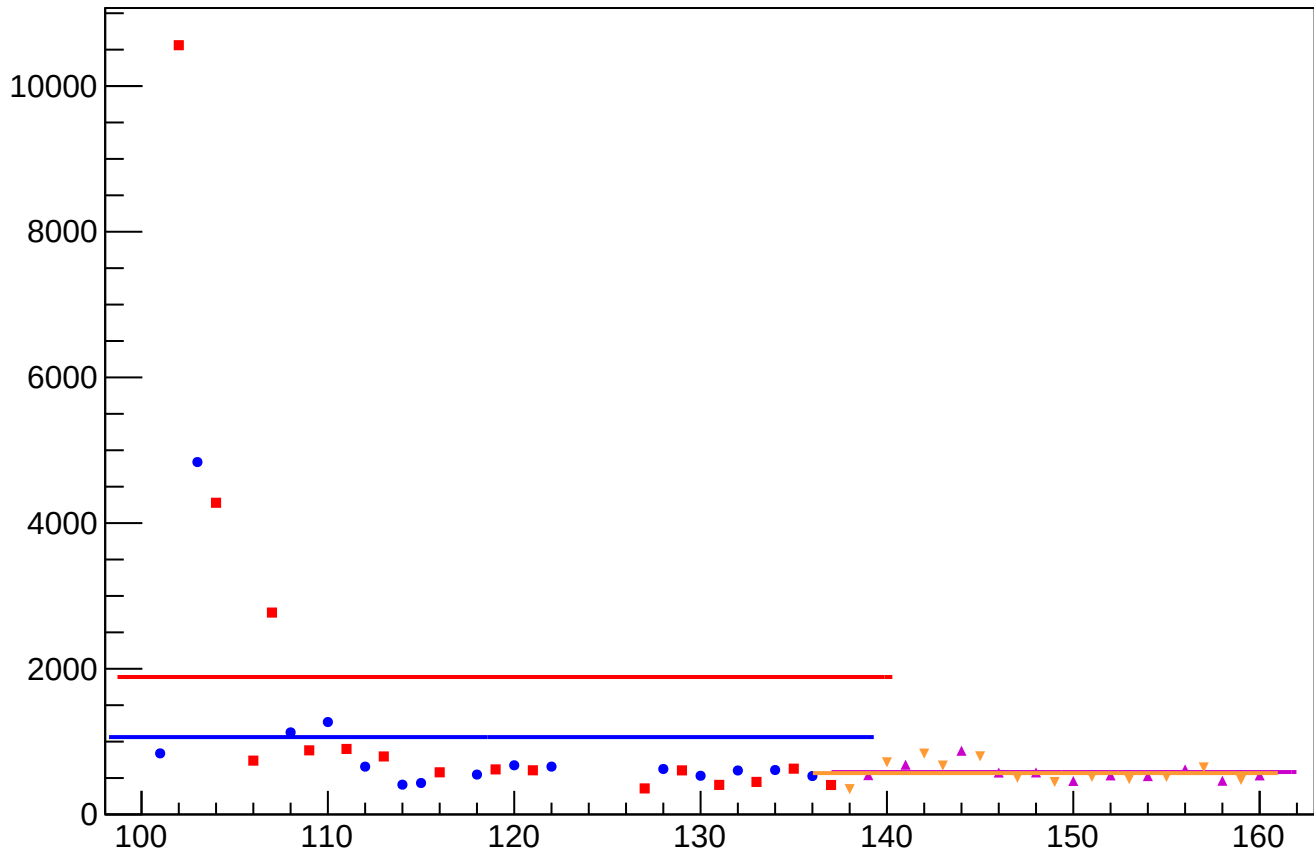
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atl1_coil7_mean vs Slug



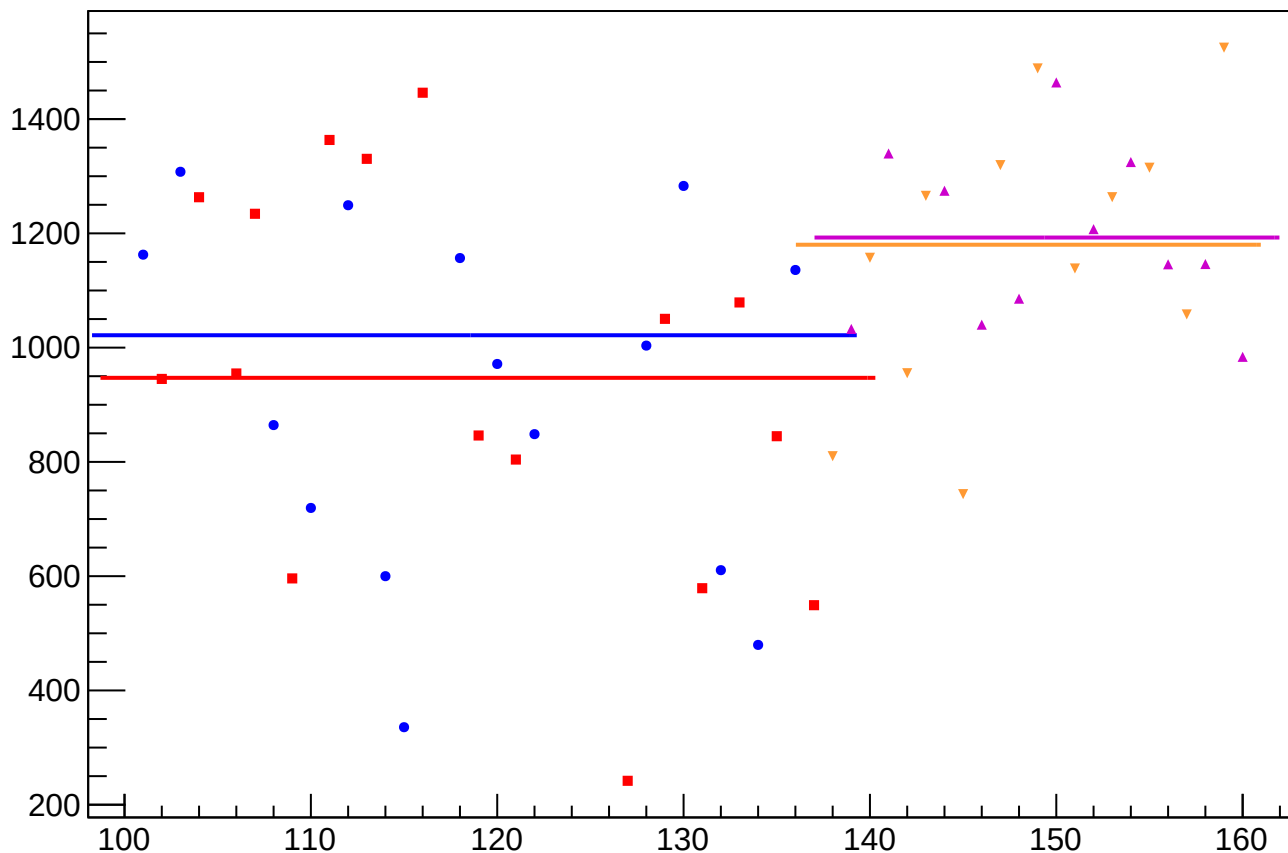
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141 $\pm$ 0.000 χ^2 /NDF: 952806231926530012715872184655778152448.0/14
 Left Out: 567.733 $\pm$ 0.000 χ^2 /NDF: 17522884747687495168010192179255312384.0/11
 Right Out: 1887.077 $\pm$ 0.000 χ^2 /NDF: 5525872718363845620366029387569058283520.0/15
 Left In: 582.413 $\pm$ 0.000 χ^2 /NDF: 11860144462538181813814678965729624064.0/10
 All: 952.780 $\pm$ 0.000 χ^2 /NDF: 736031273480
 + sign 773.025 $\pm$ 0.000 χ^2 /NDF: 106309785539188
 - sign 1129.371 $\pm$ 0.000 χ^2 /NDF: 61970965674299

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

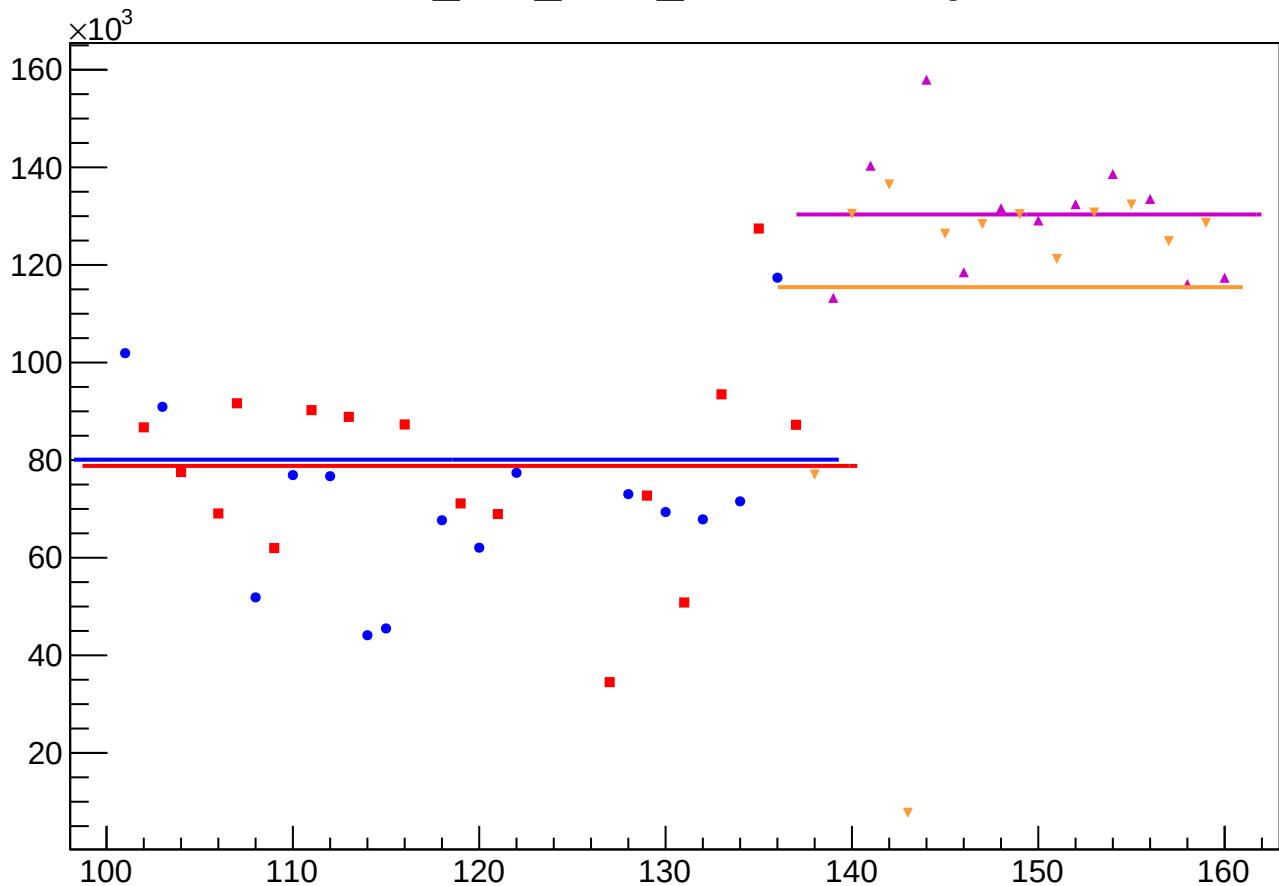
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

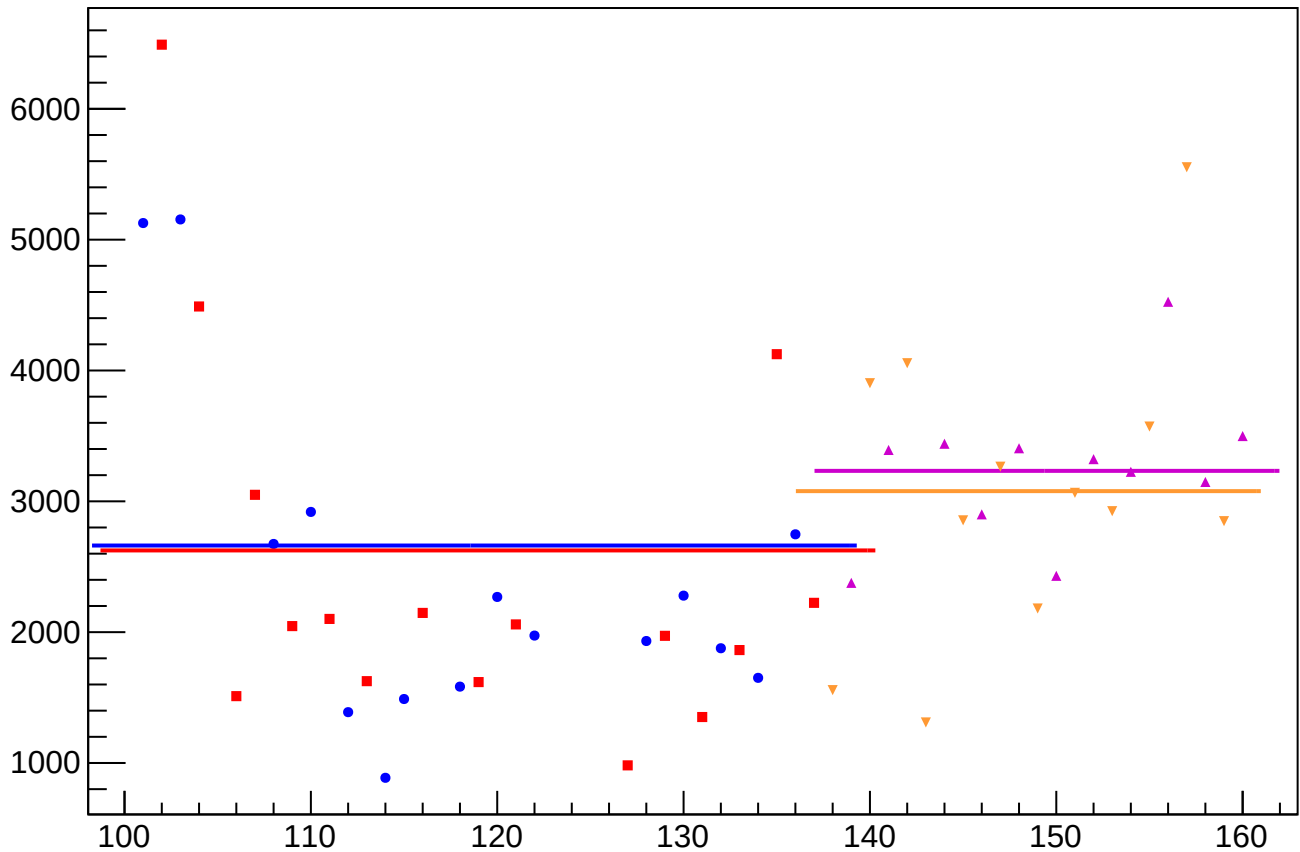
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



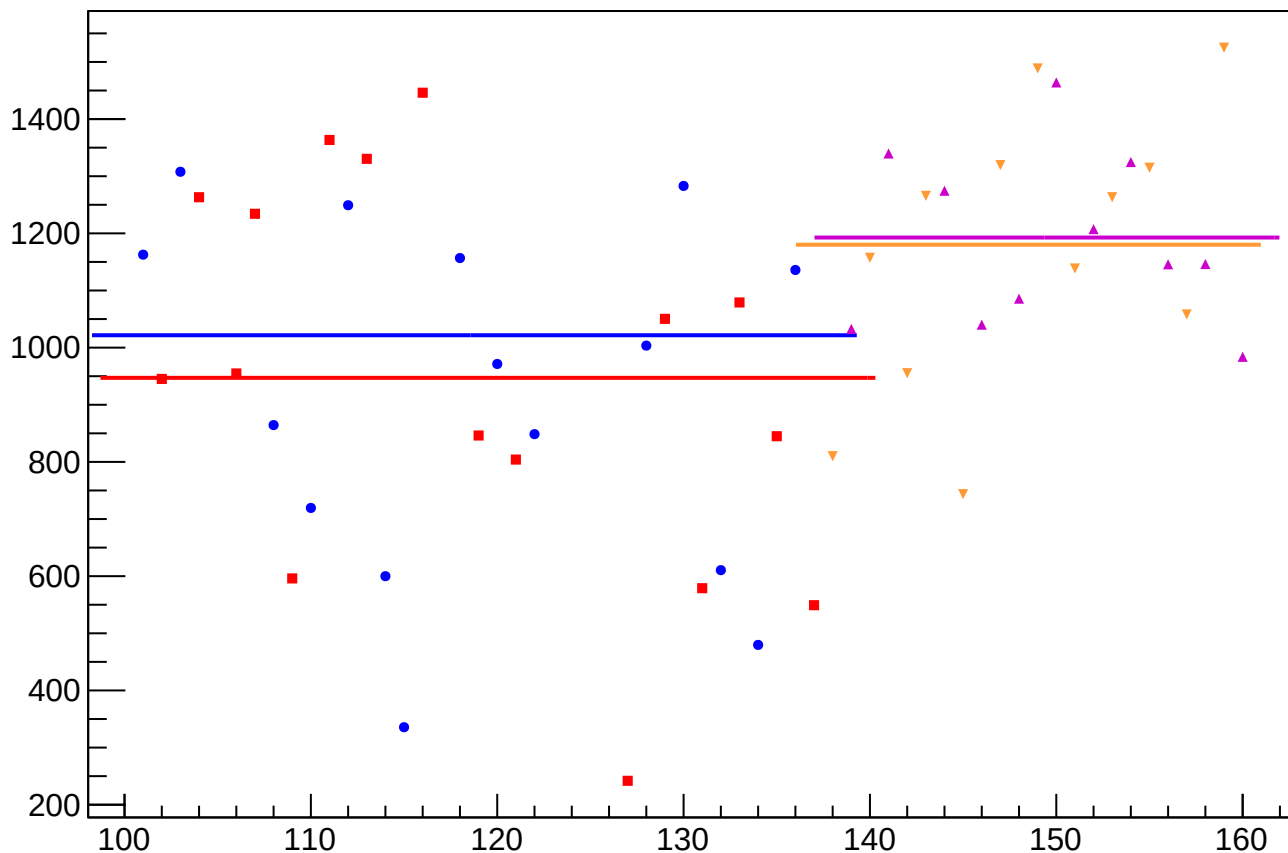
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 $\pm$ 0.000 χ^2 /NDF: 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 $\pm$ 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

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

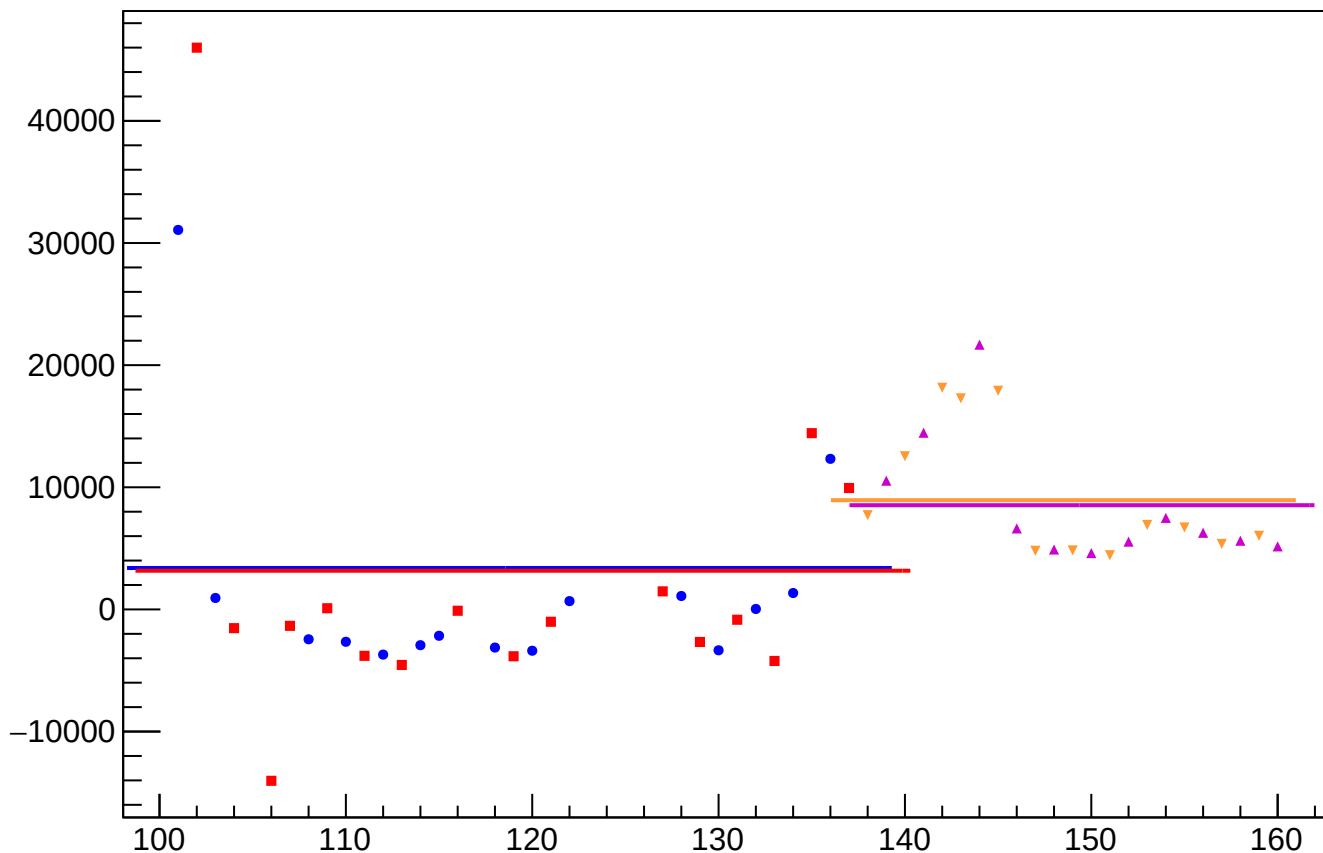
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

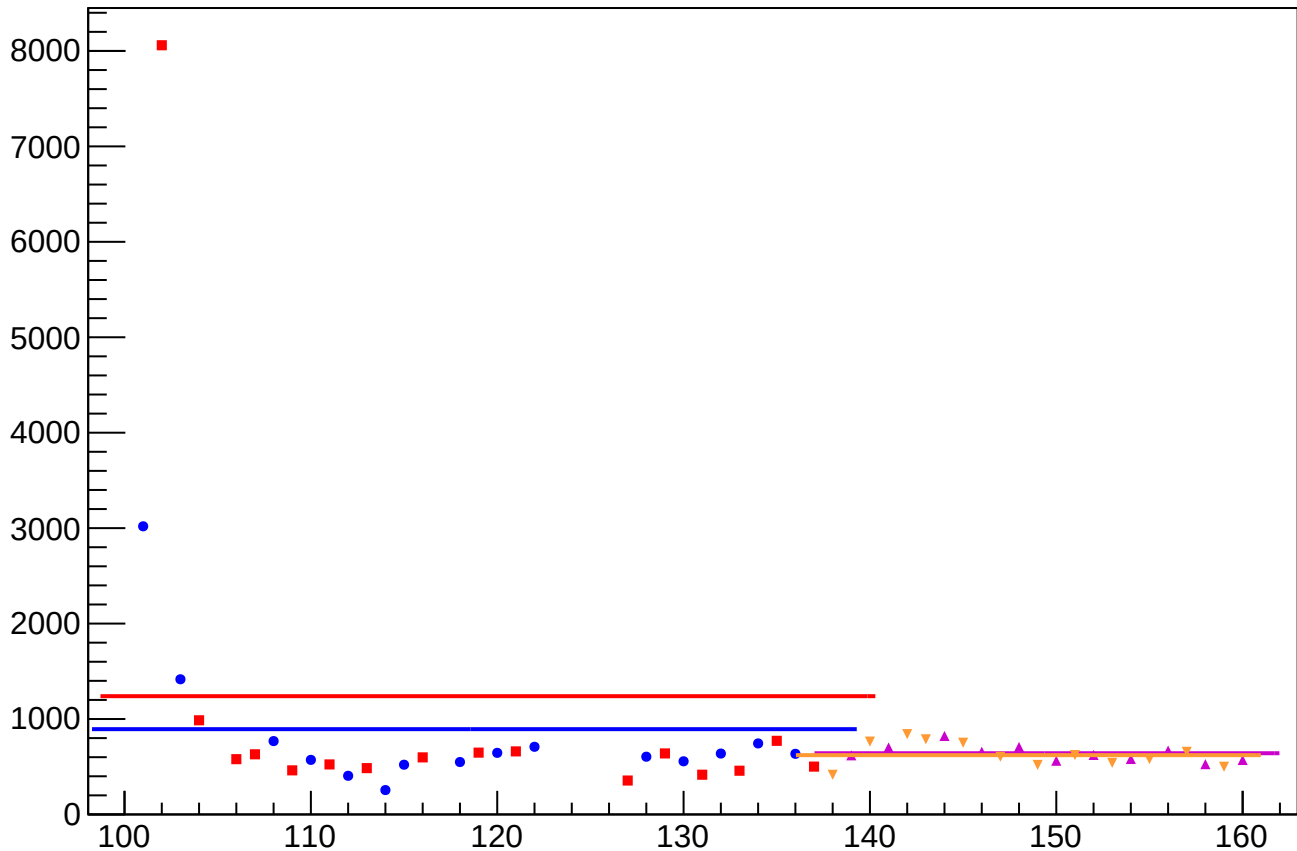
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

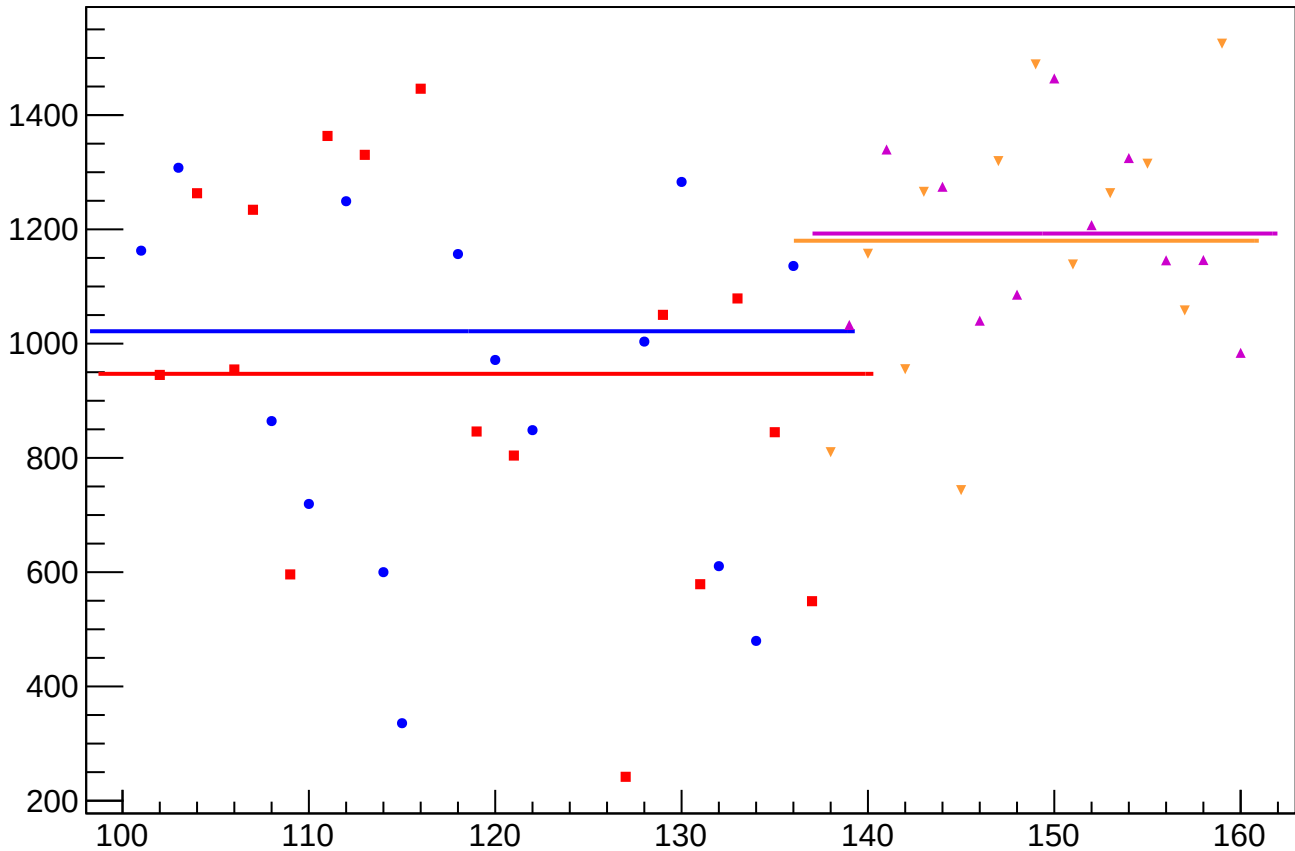
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

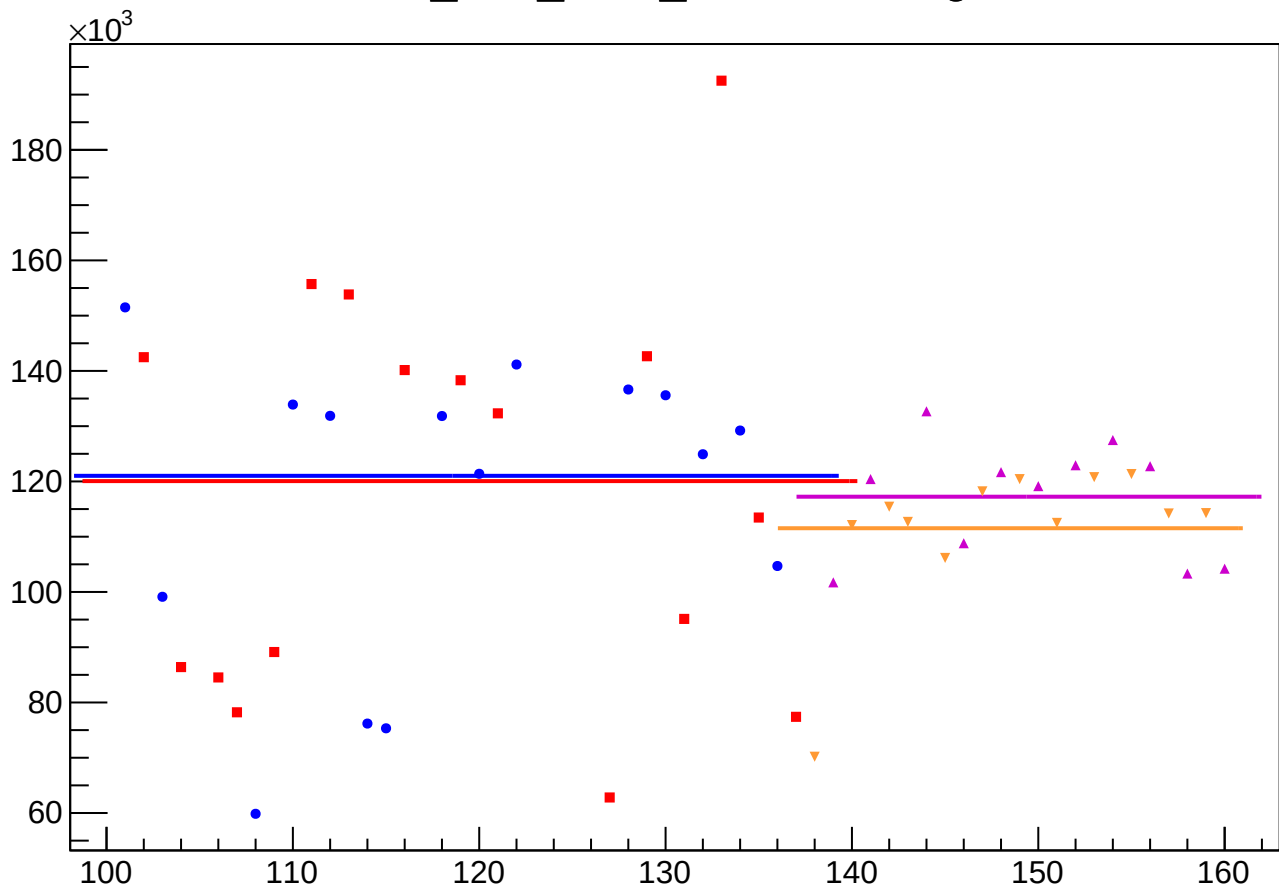
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



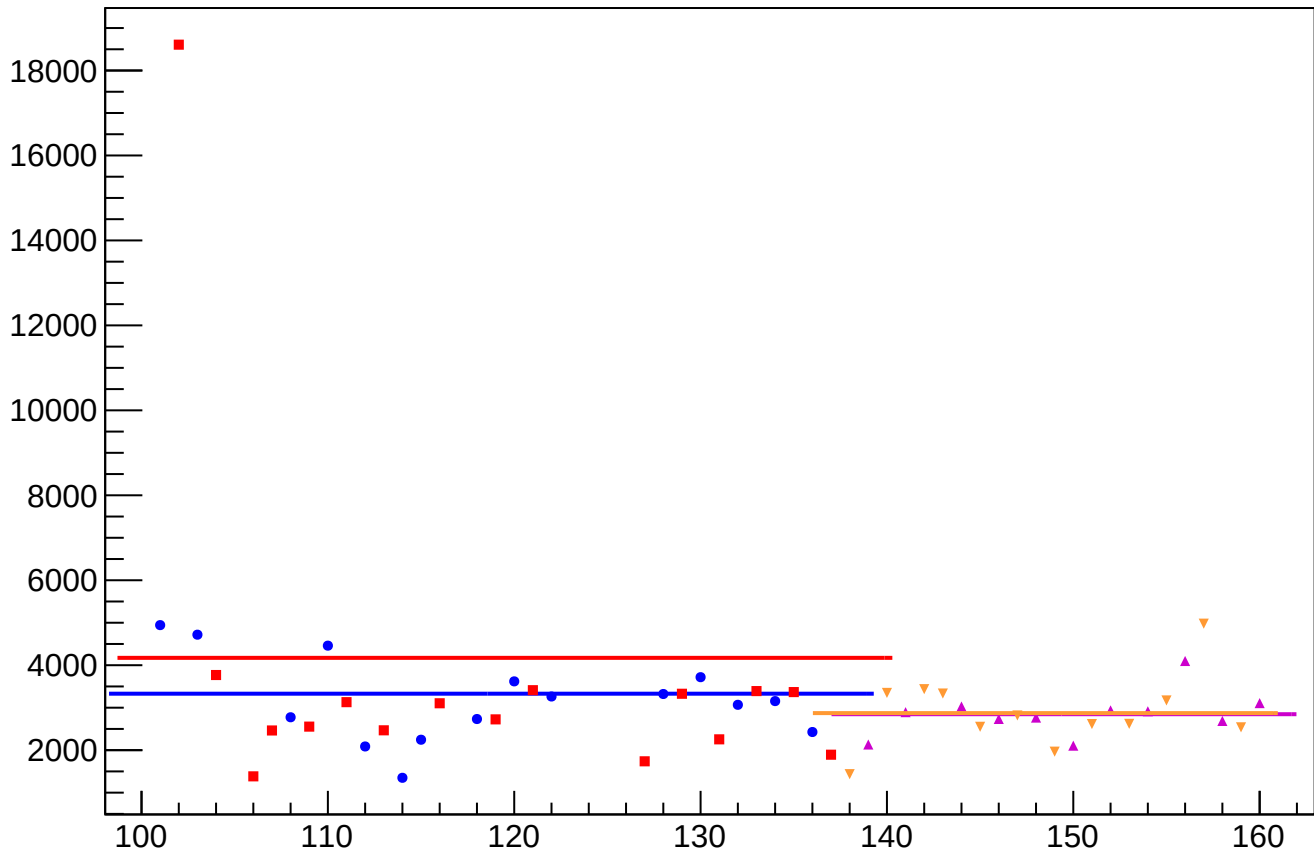
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 6778465601193652151169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atr2_coil7_mean vs Slug



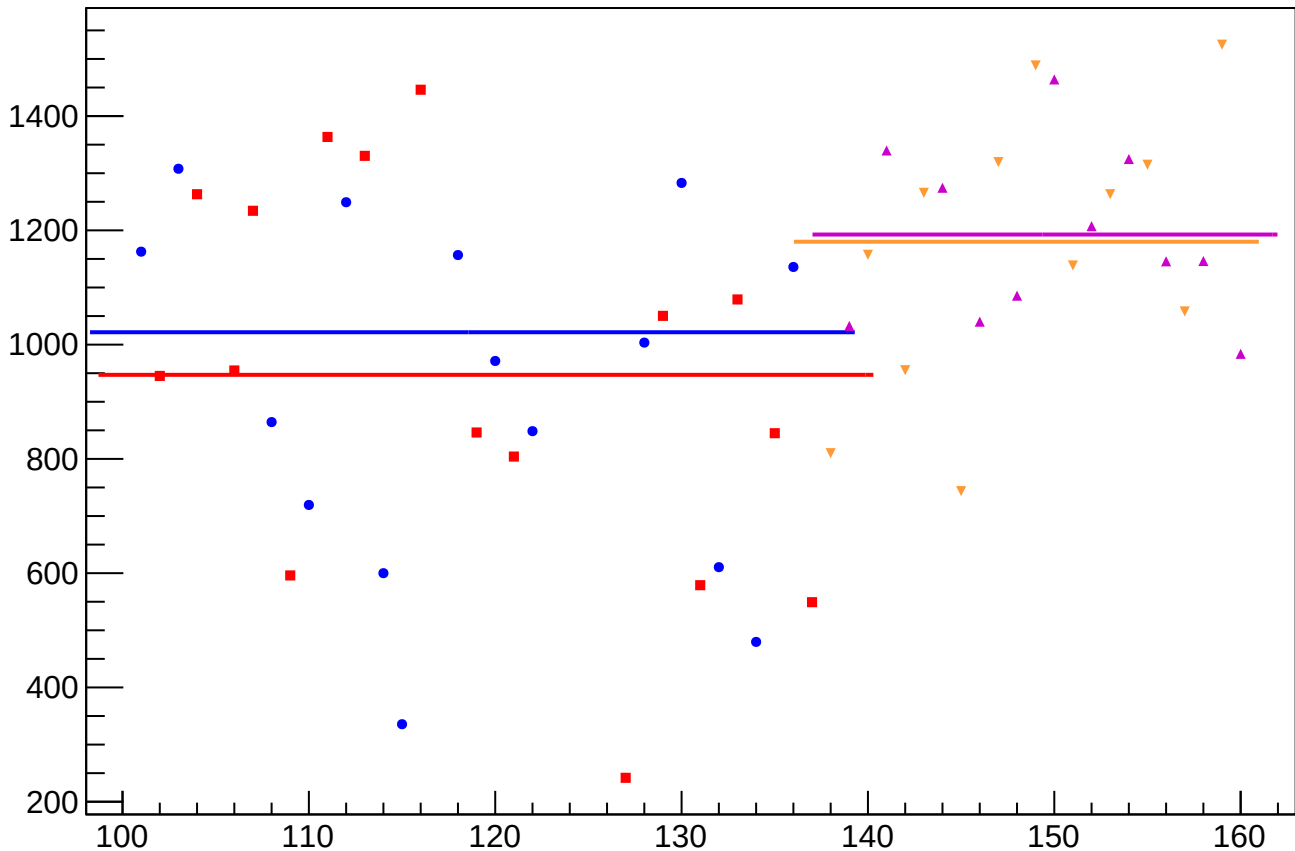
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111531.681 $\pm$ 0.000 χ^2 /NDF: 162724299829921950370834246417372913074176.0/11
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117237.465 $\pm$ 0.000 χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

dit_atr2_coil7_err_mean vs Slug



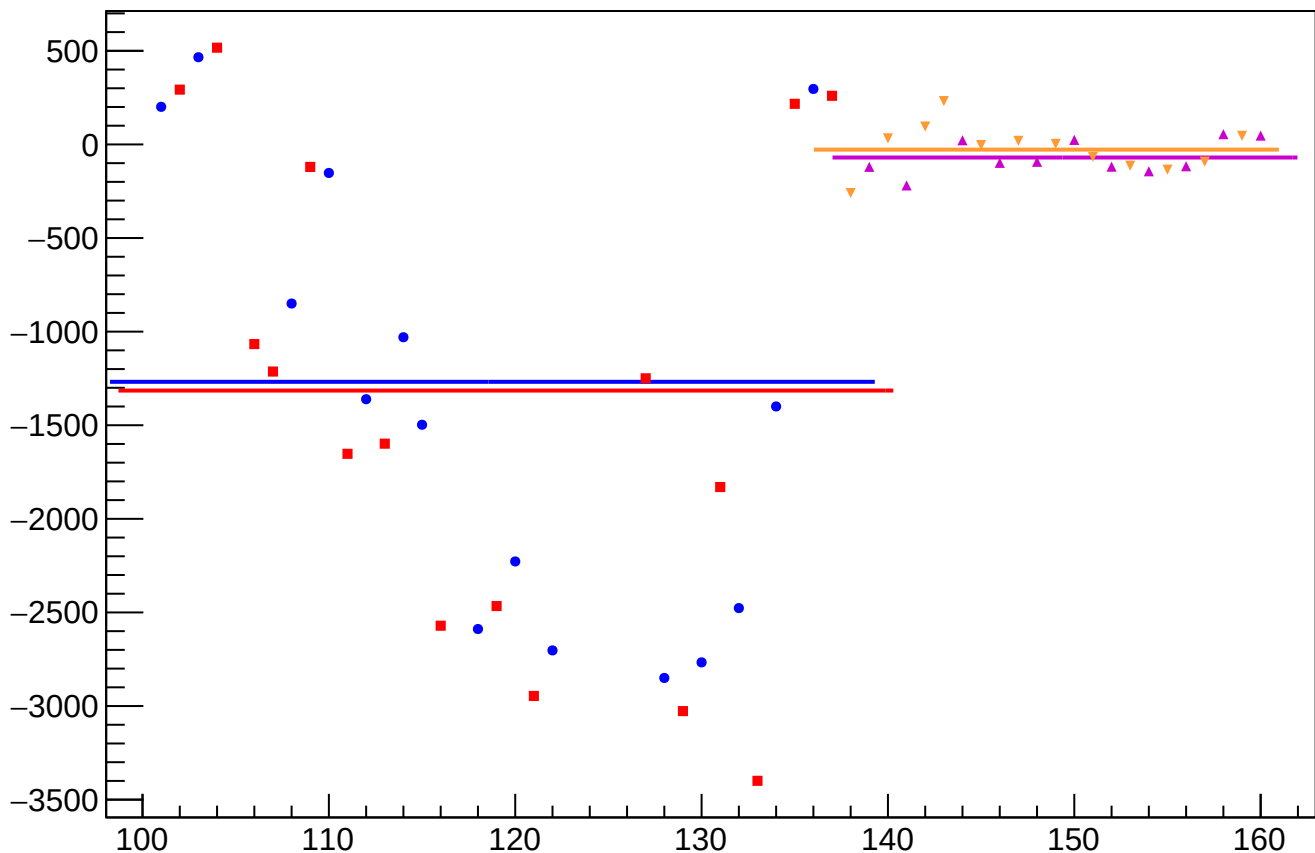
Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567 $\pm$ 0.000 χ^2 /NDF: 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559 $\pm$ 0.000 χ^2 /NDF: 229557109736682123603885764134616170496.0/10

dit_atr2_coil7_Ndata_mean vs Slug



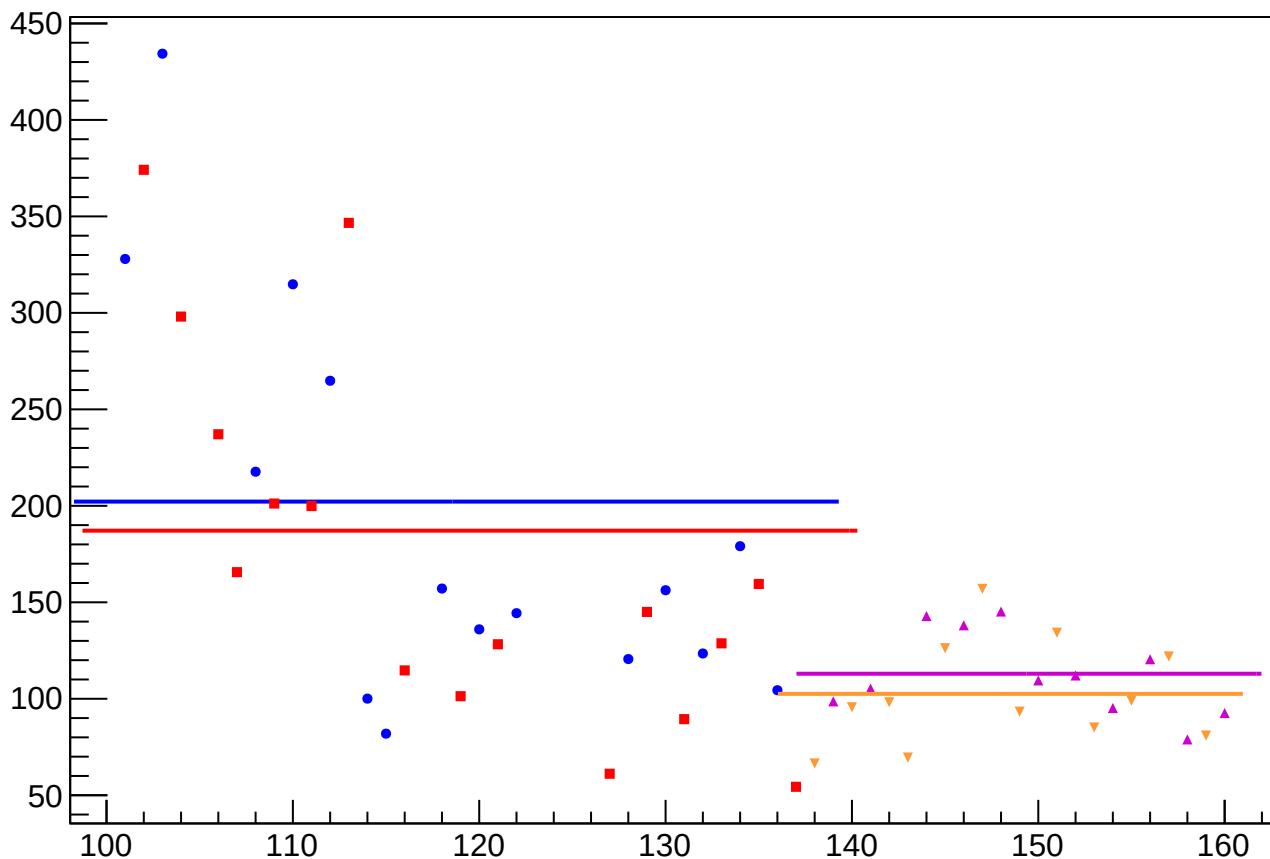
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

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 $\pm$ 0.000 χ^2 /NDF: 7027941052752849066369040650615128064.0/14

Left Out: 102.547 $\pm$ 0.000 χ^2 /NDF: 631914374783938330949359707000668160.0/11

Right Out: 187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15

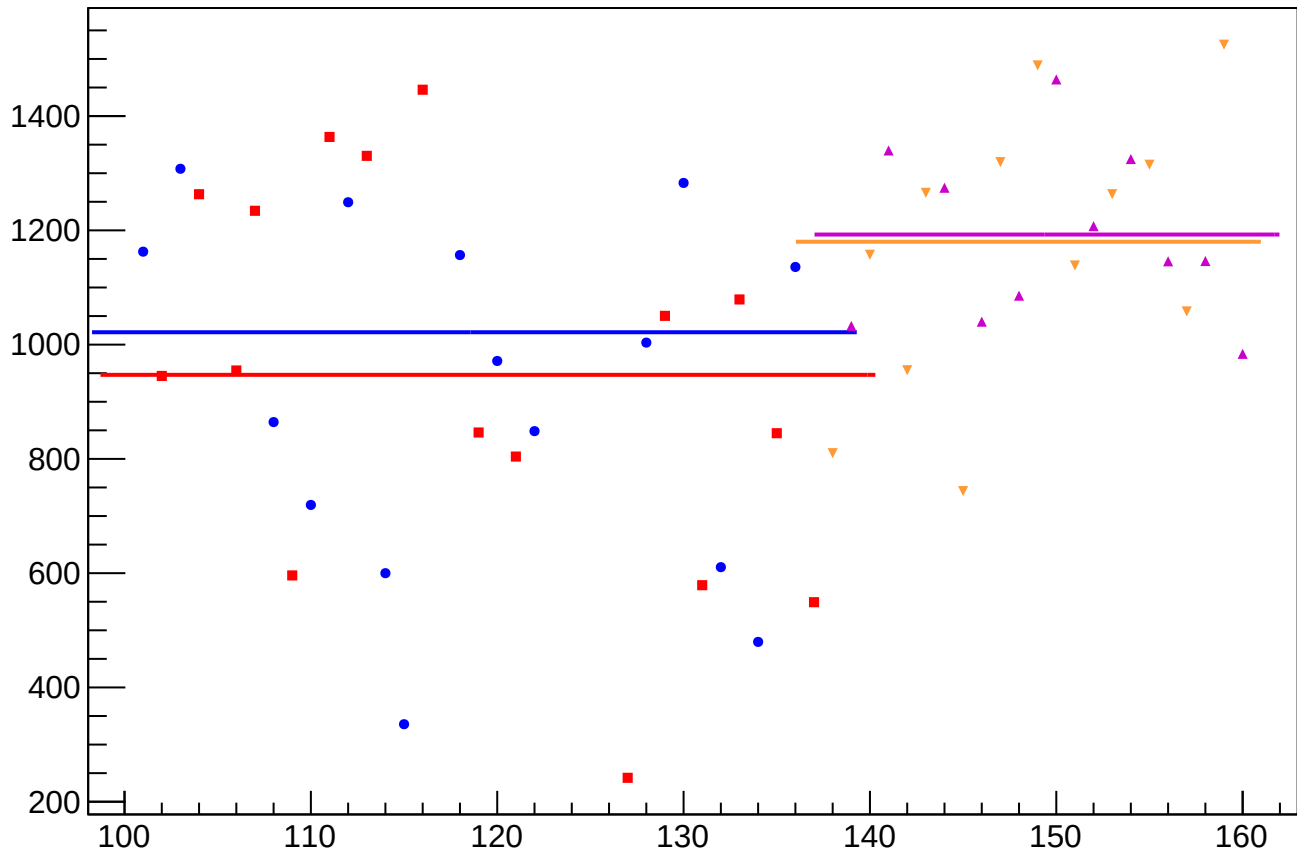
Left In: 112.981 $\pm$ 0.000 χ^2 /NDF: 399082569166702797505998561799569408.0/10

+ sign 143.922 $\pm$ 0.000 χ^2 /NDF: 114280634979740

All: 143.994 $\pm$ 0.000 χ^2 /NDF: 20186723766

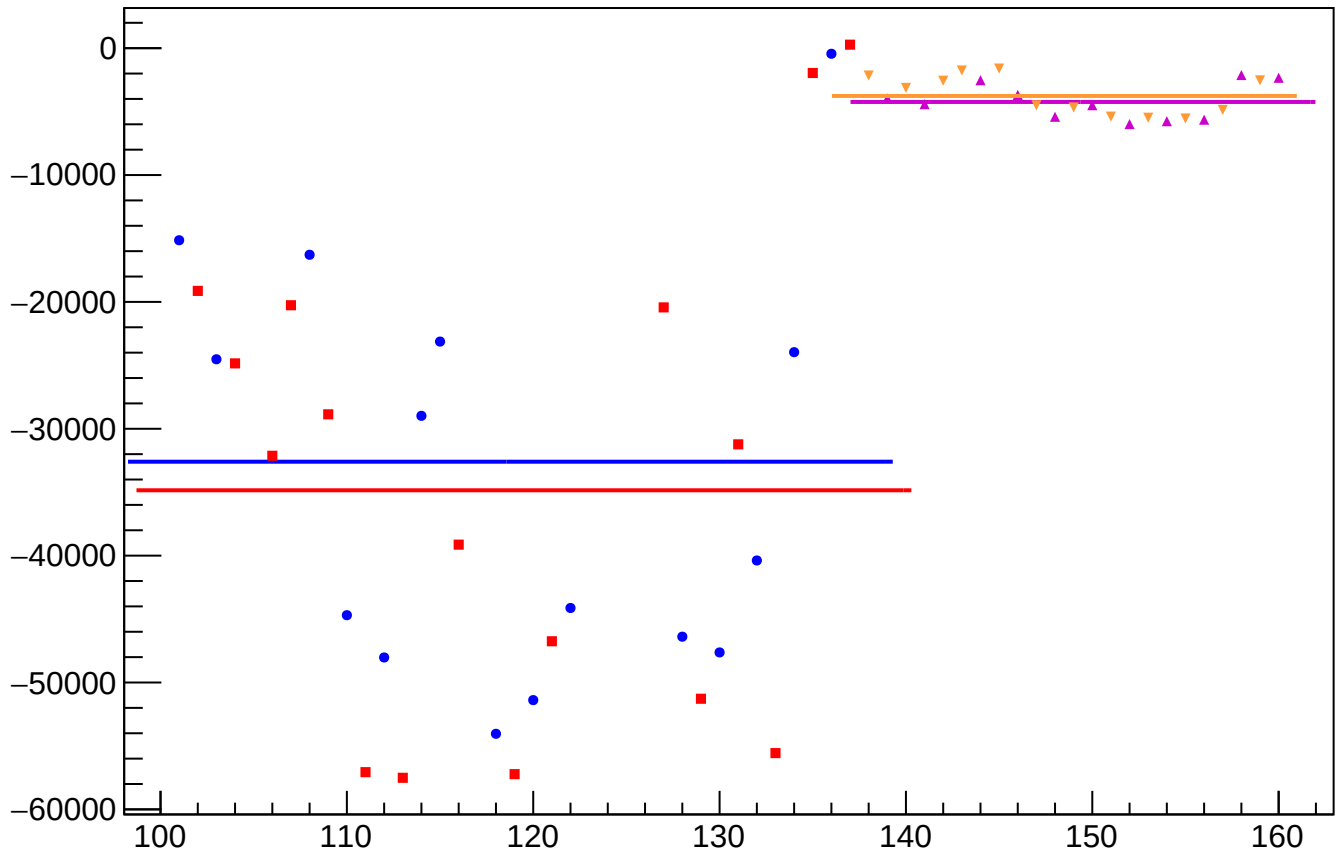
- sign 144.065 $\pm$ 0.000 χ^2 /NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



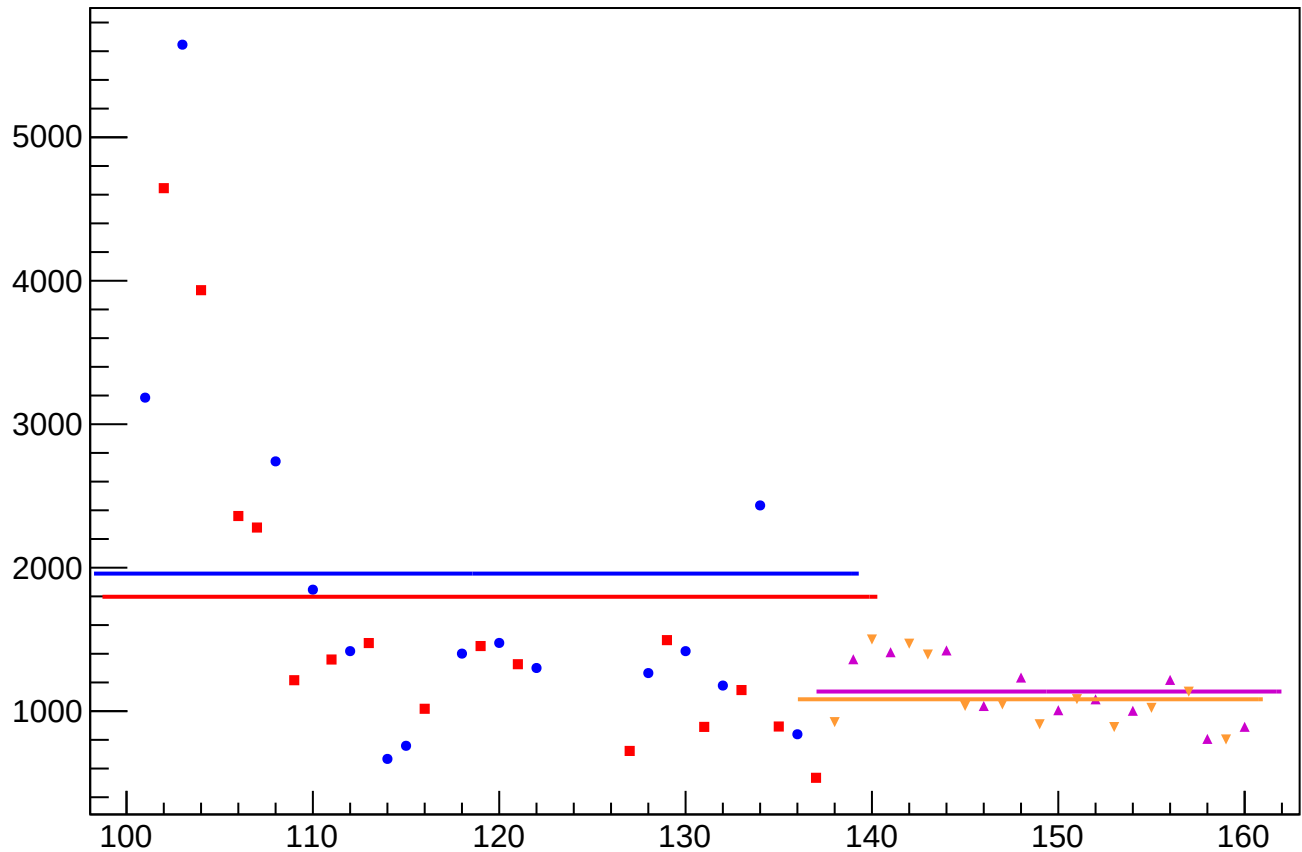
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



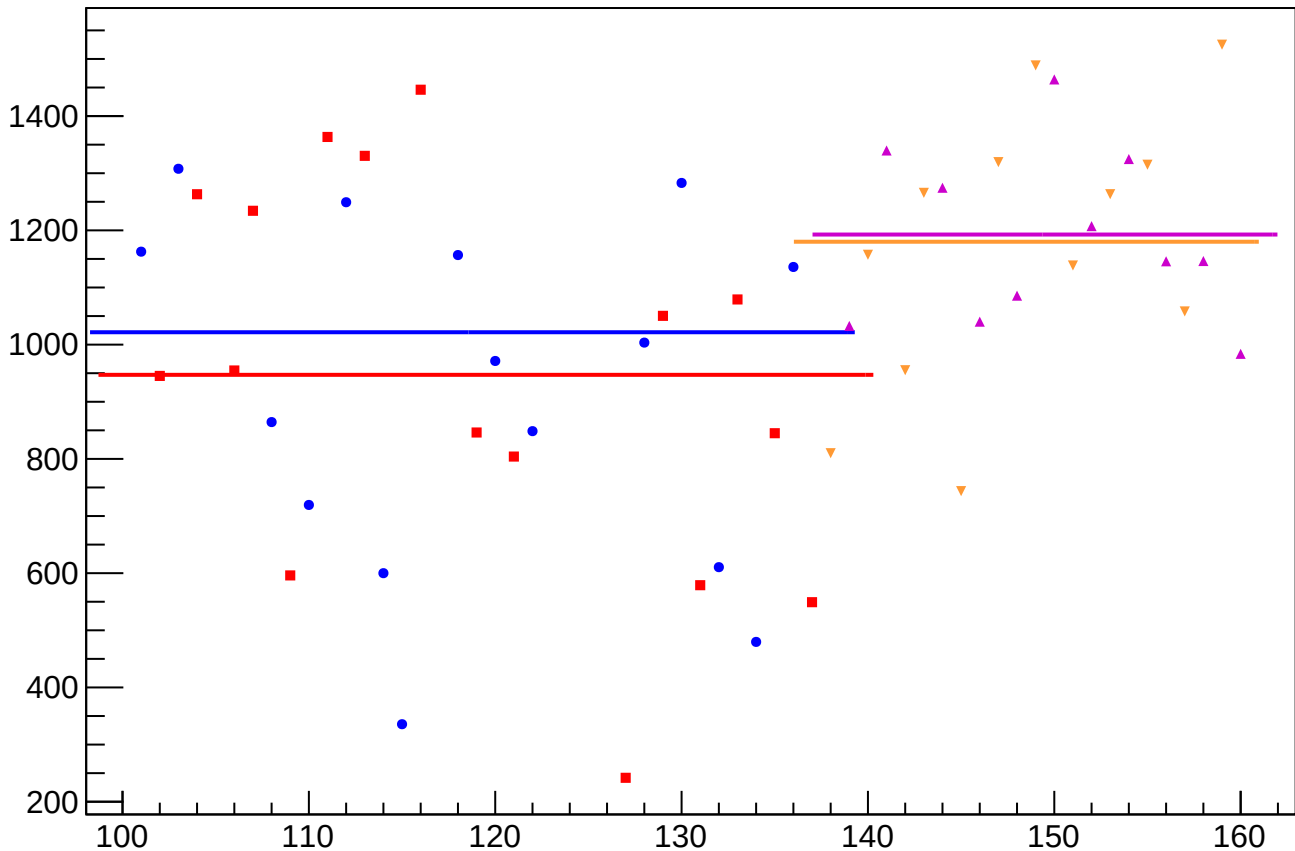
Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764+/-0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758+/-0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



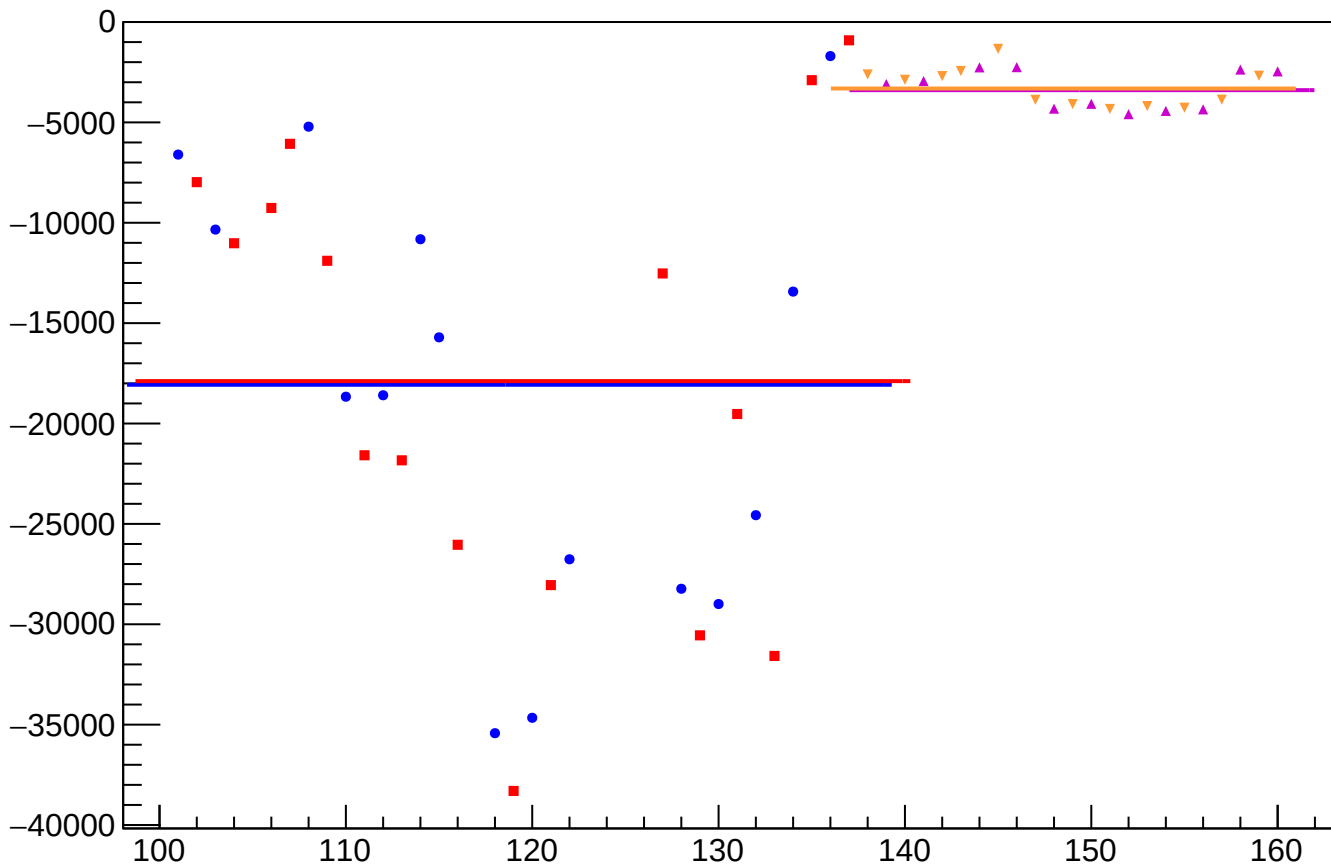
Right In: 1958.835 $\pm$ 0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769 $\pm$ 0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392 $\pm$ 0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738 $\pm$ 0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



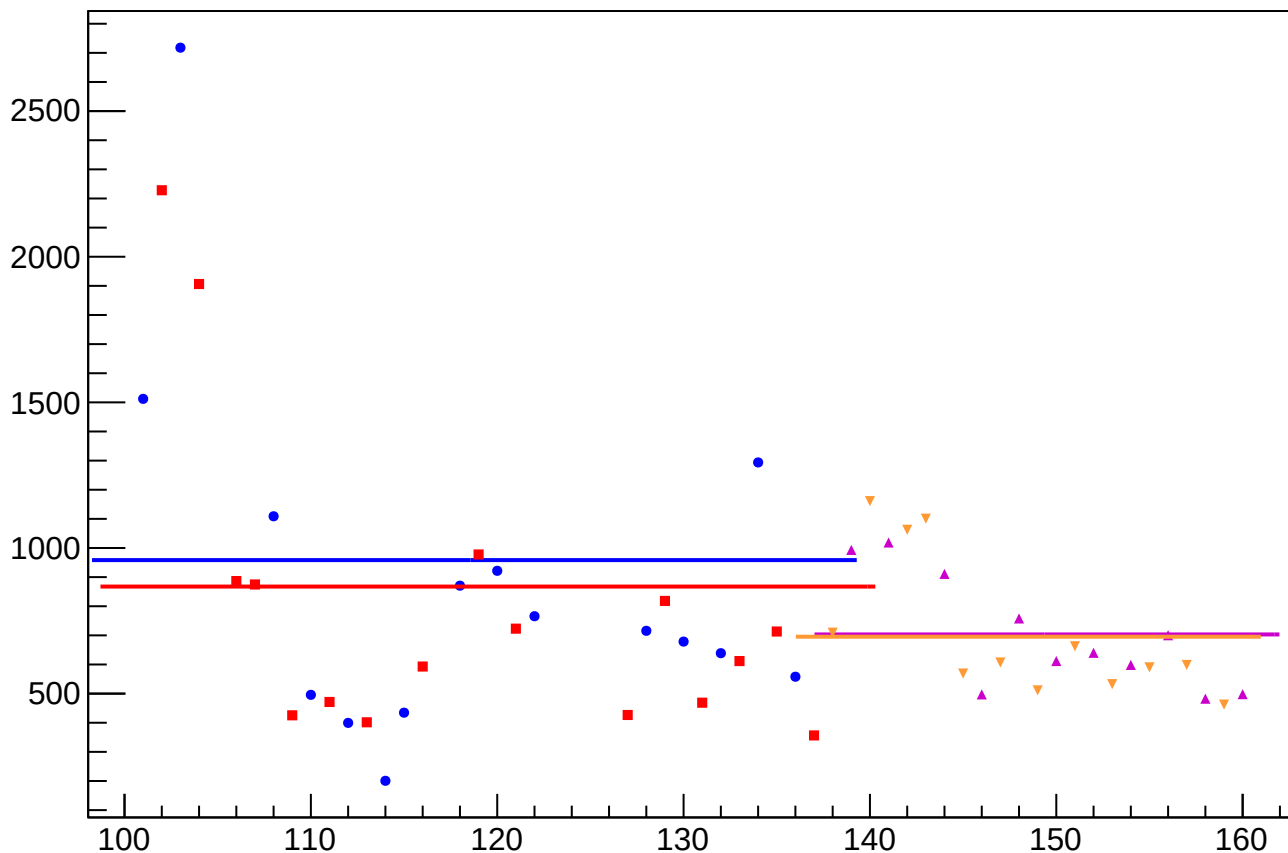
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

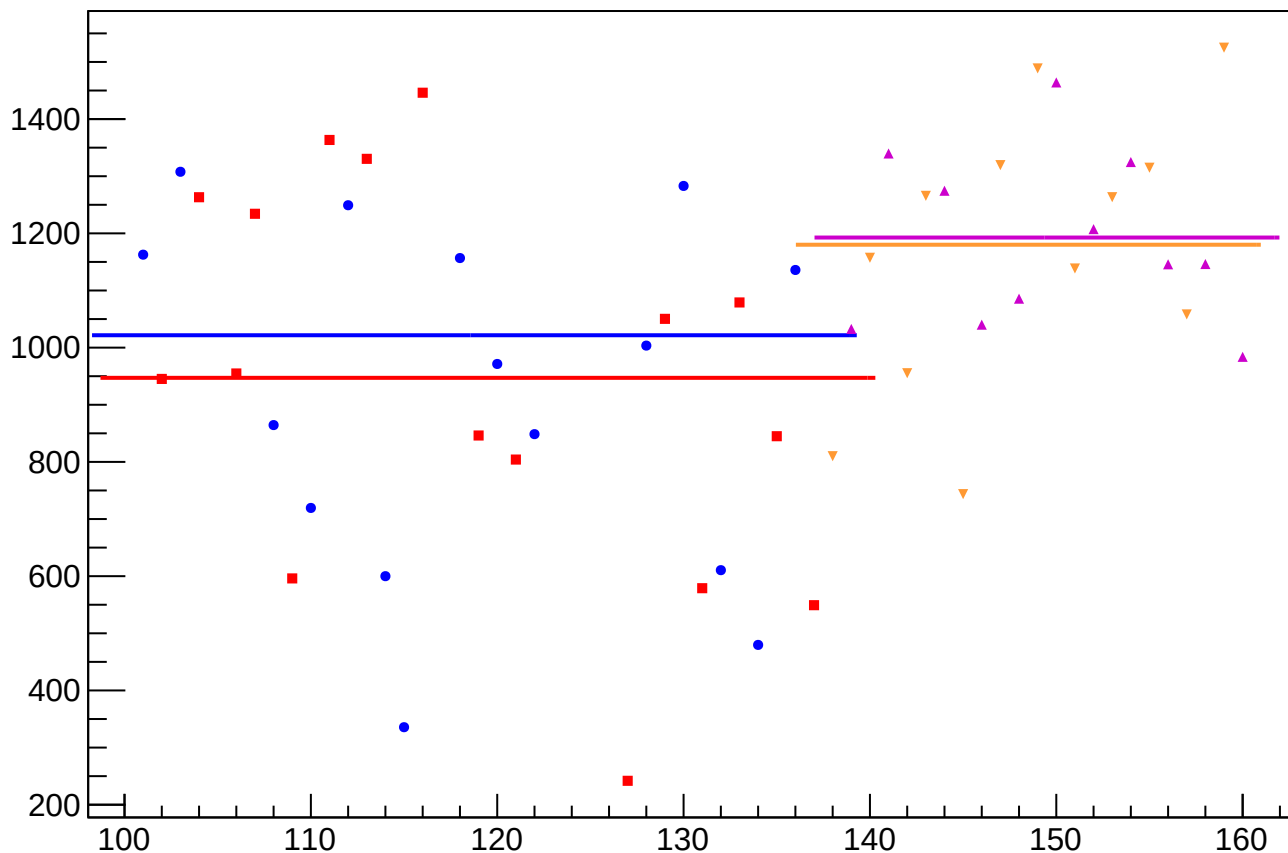
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 804.584+/-0.000 χ^2/NDF : 338998928620433

- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

All: 788.186+/-0.000 χ^2/NDF : 598468024963

dit_sam3_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

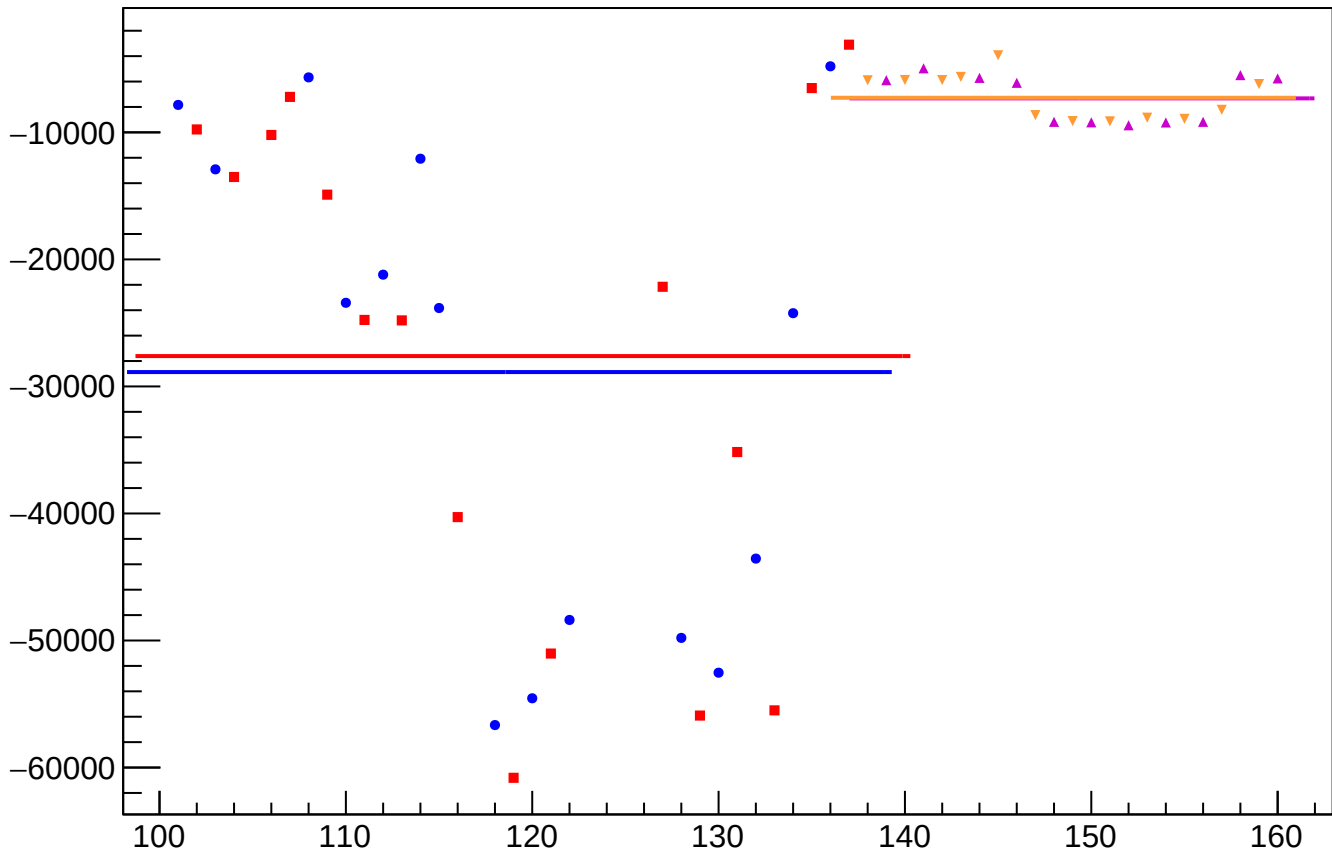
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

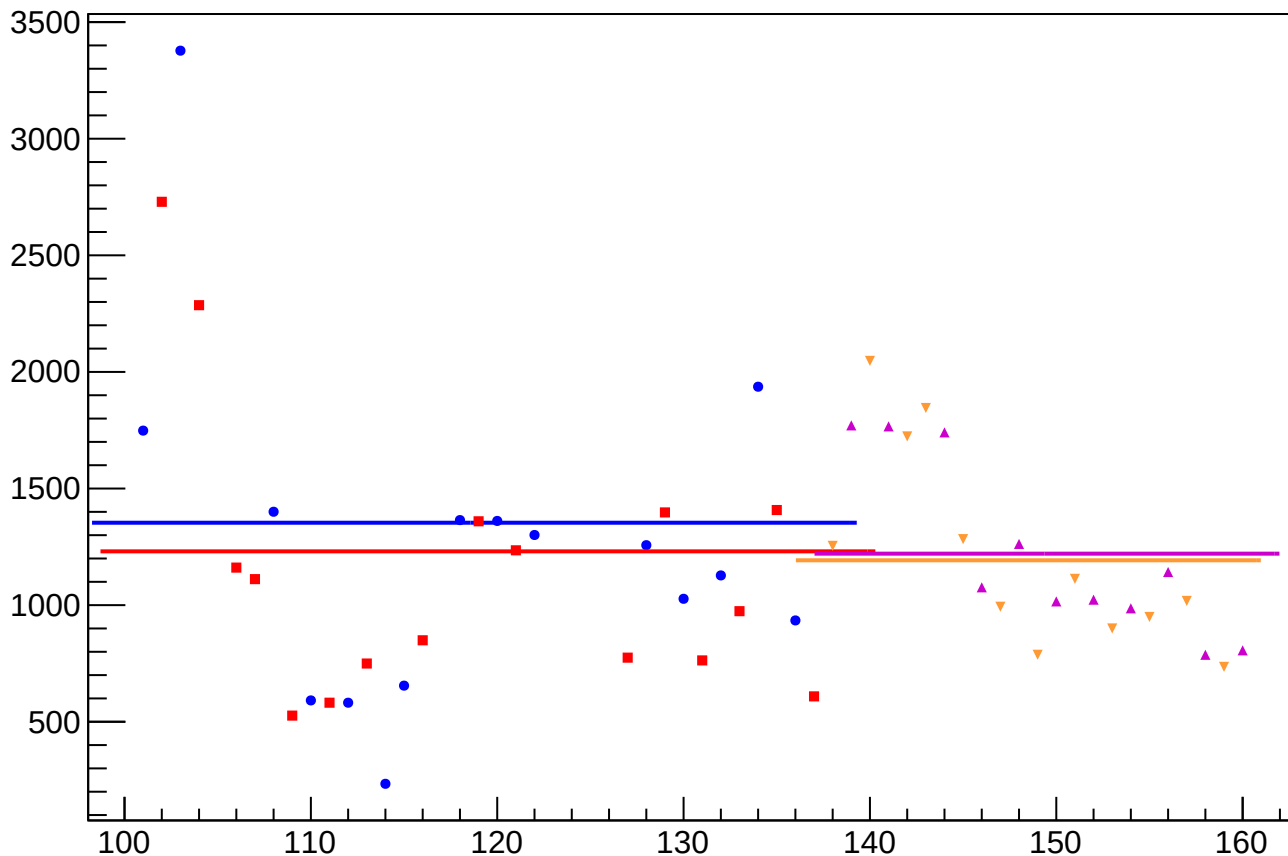
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_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



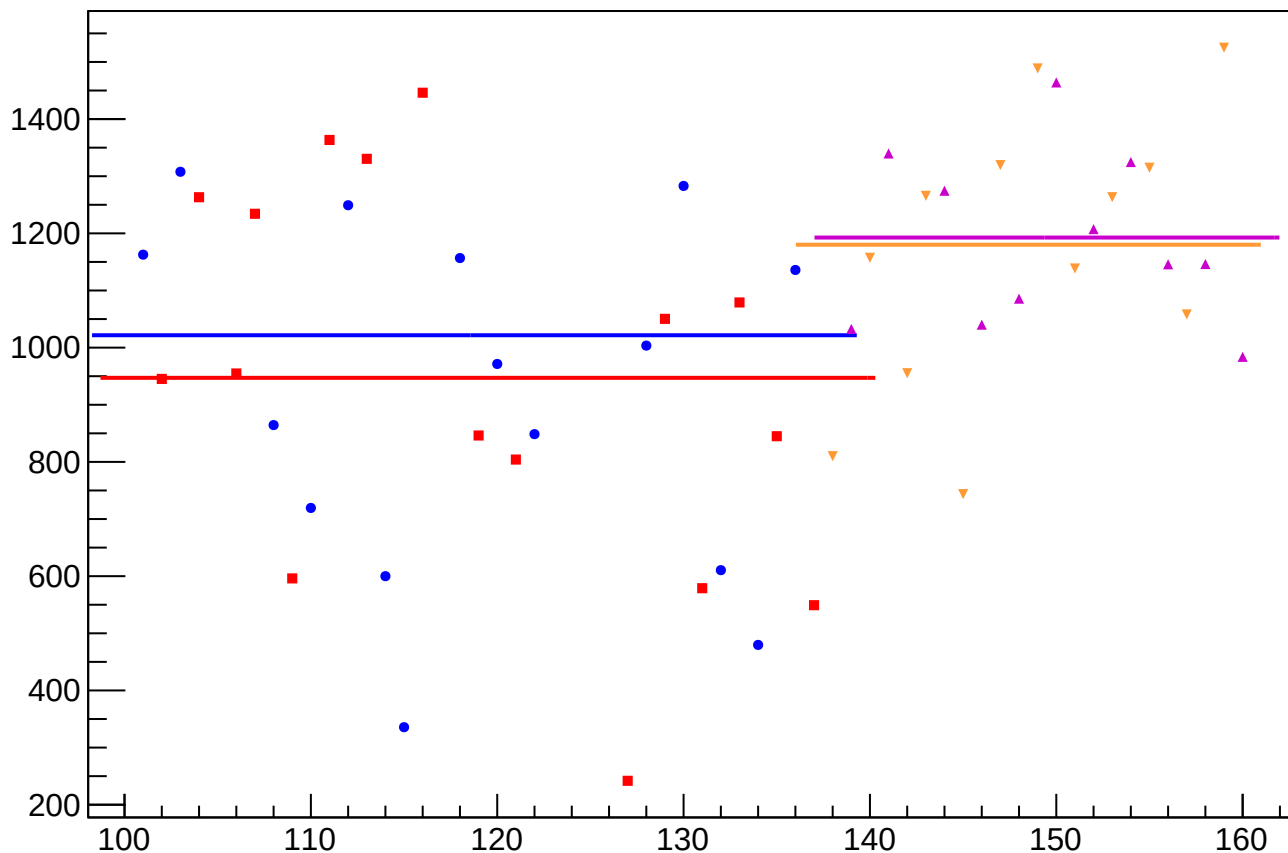
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

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

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

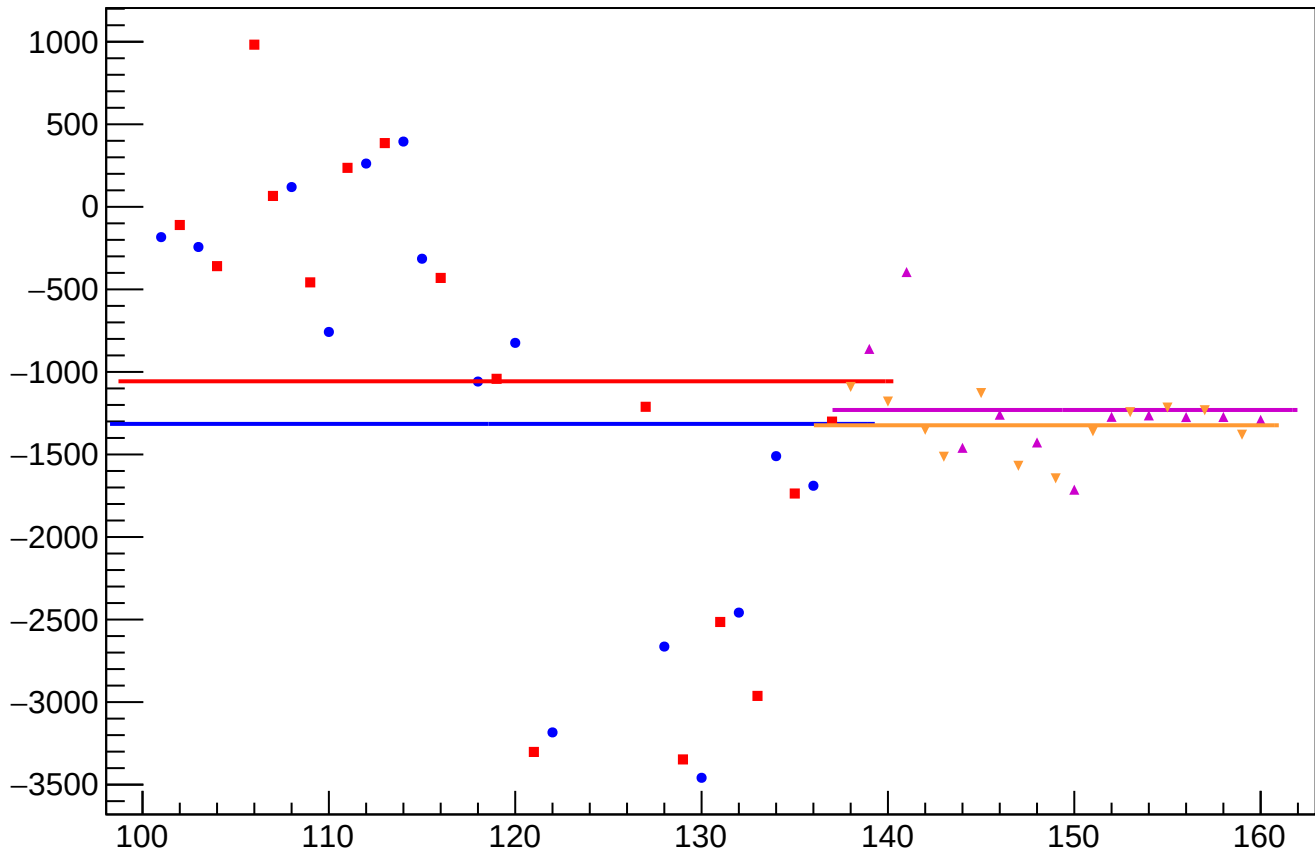
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

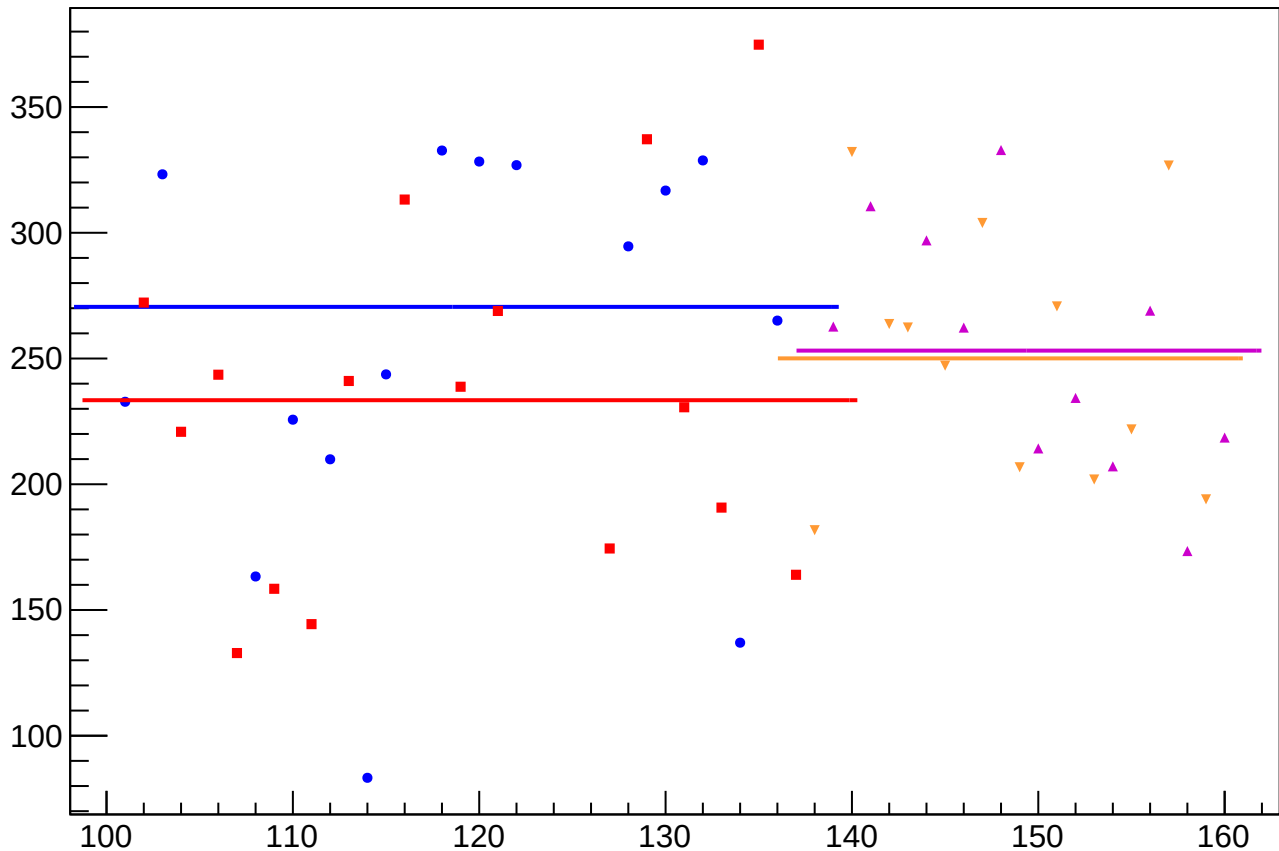
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

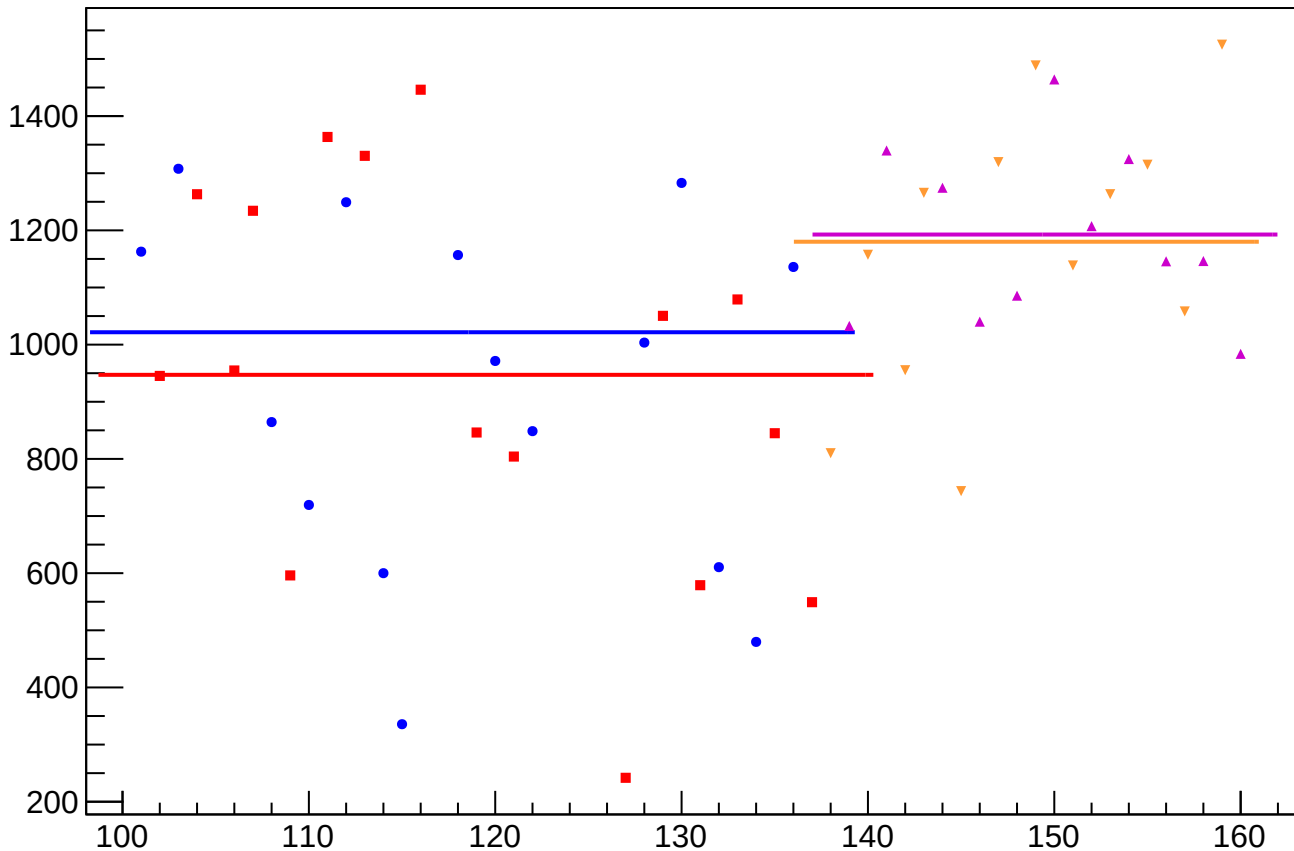
dit_sam5_coil7_err_mean vs Slug



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

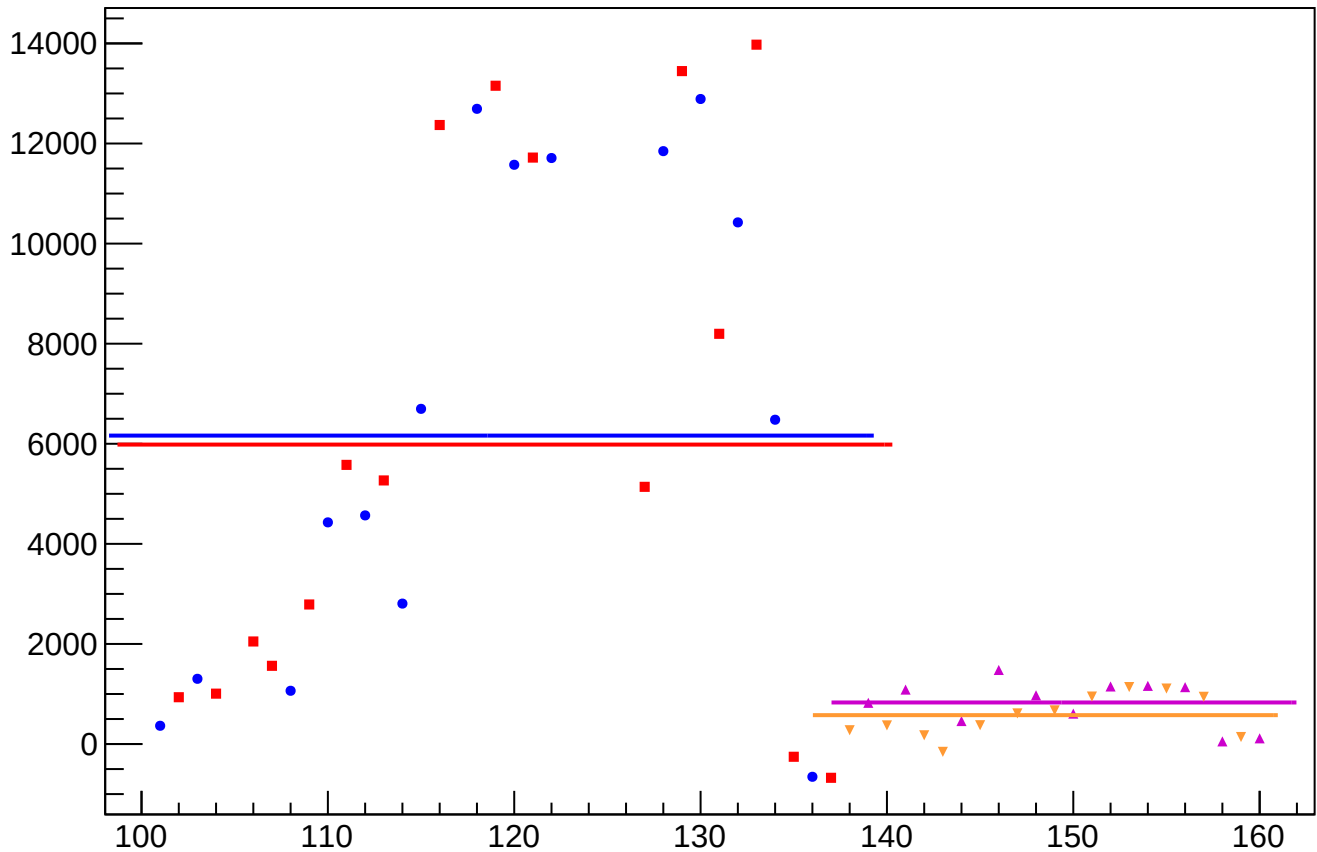
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

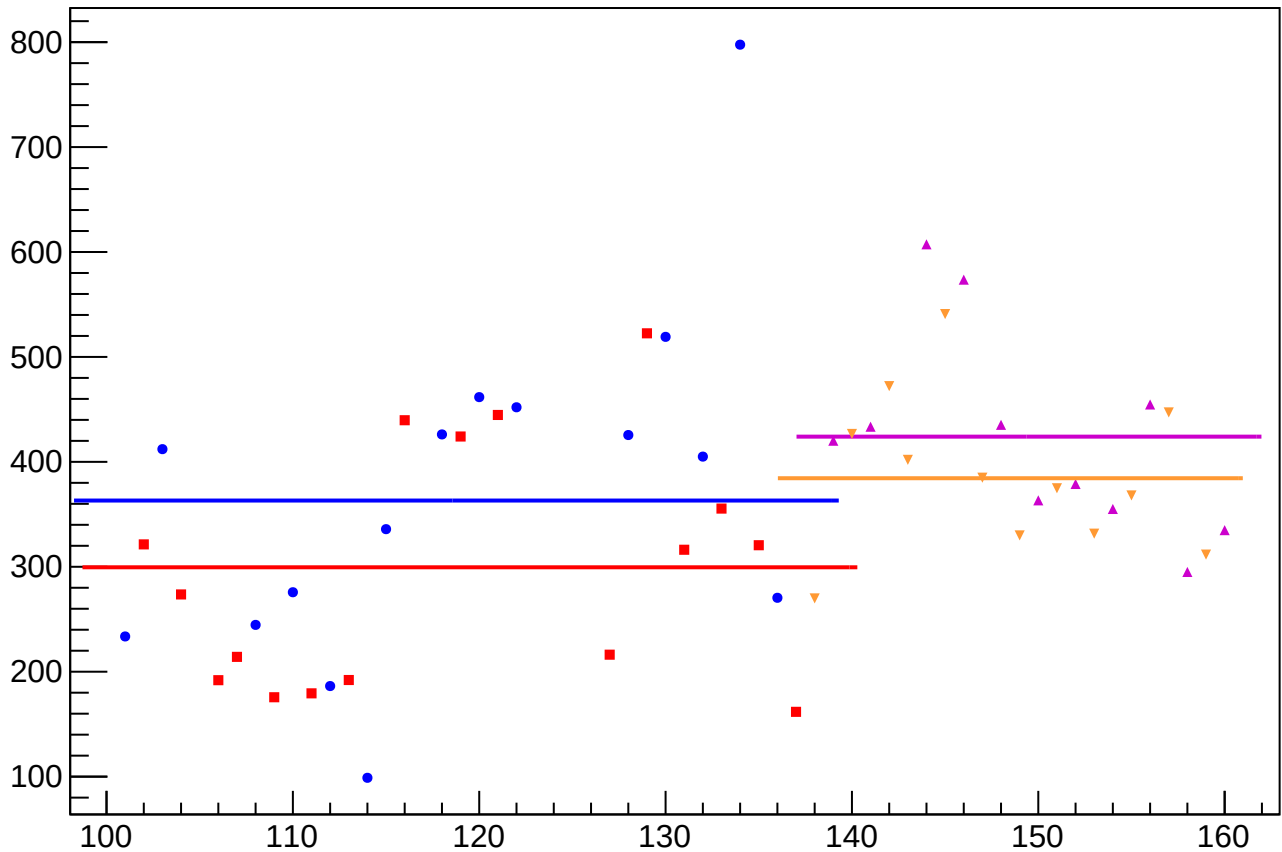
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



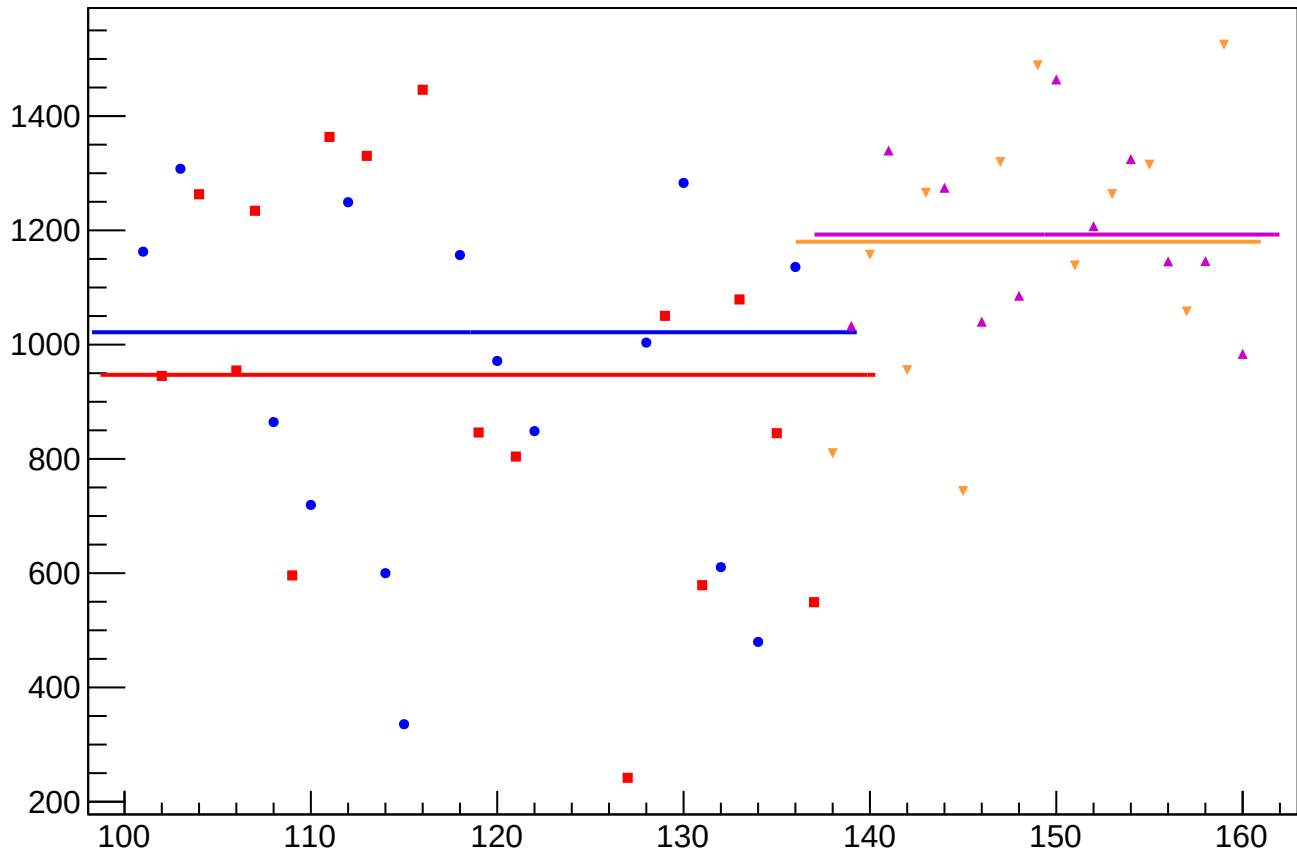
Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10
 + sign 2896.810+/-0.000 χ^2/NDF : 30187505563734
 All: 2944.332+/-0.000 χ^2/NDF : 58159227878
 - sign 2991.017+/-0.000 χ^2/NDF : 27964724924864

dit_sam6_coil7_err_mean vs Slug



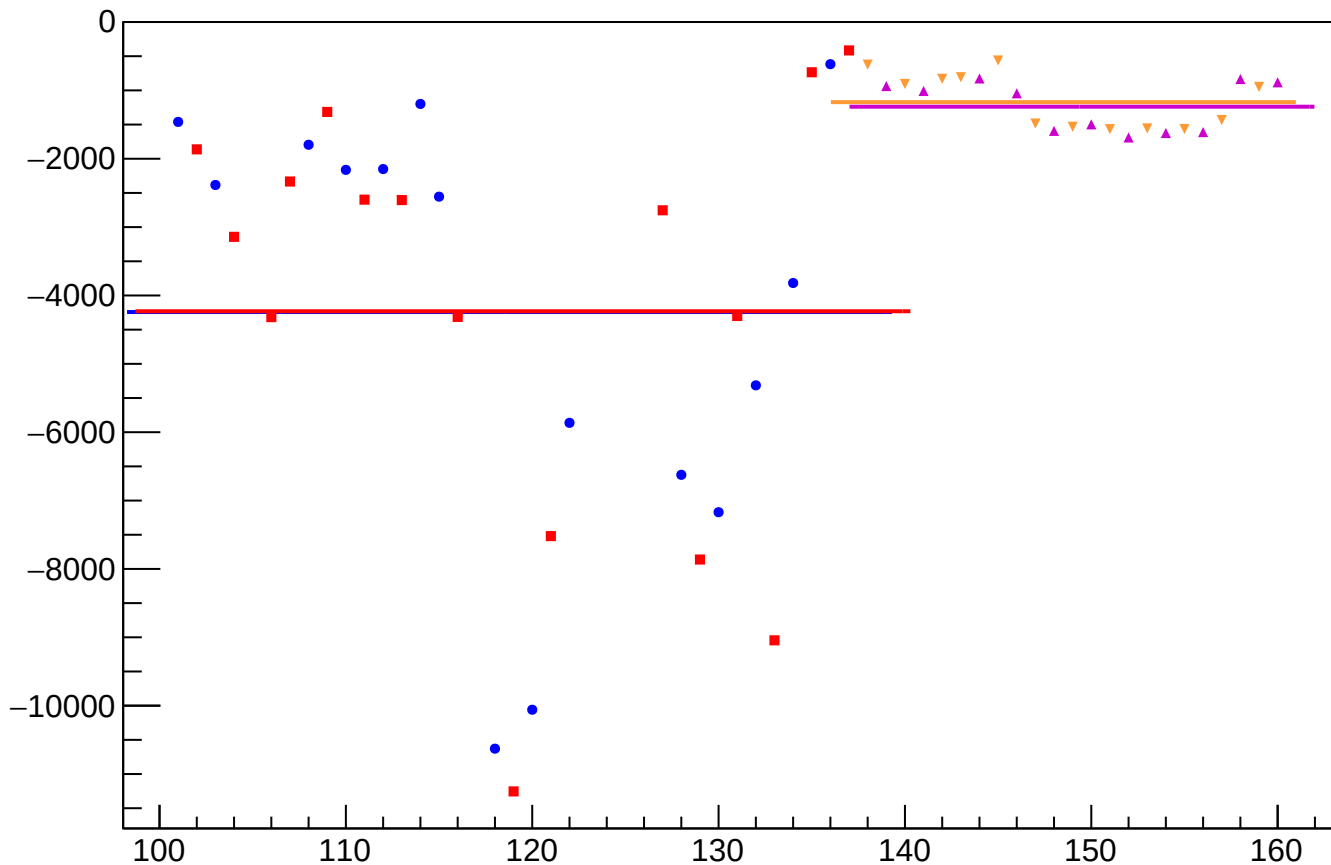
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14
 Left Out: 384.397+/-0.000 χ^2/NDF : 4703352228141784942428920611126378496.0/11
 Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15
 Left In: 424.034+/-0.000 χ^2/NDF : 7812894231718086106241094868881375232.0/10
 All: 373.683+/-0.000 χ^2/NDF : 378933578734
 + sign 375.568+/-0.000 χ^2/NDF : 163777394222651
 - sign 371.831+/-0.000 χ^2/NDF : 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



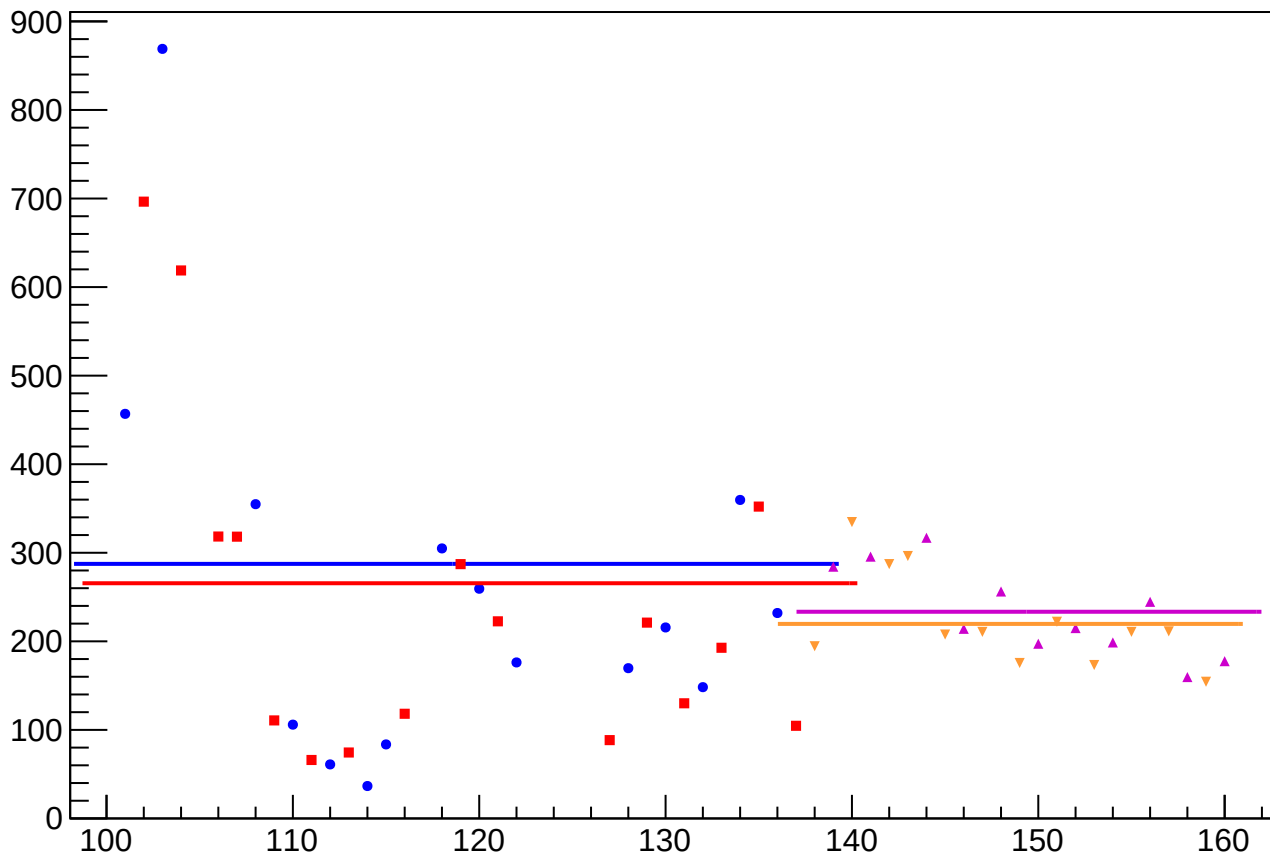
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-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

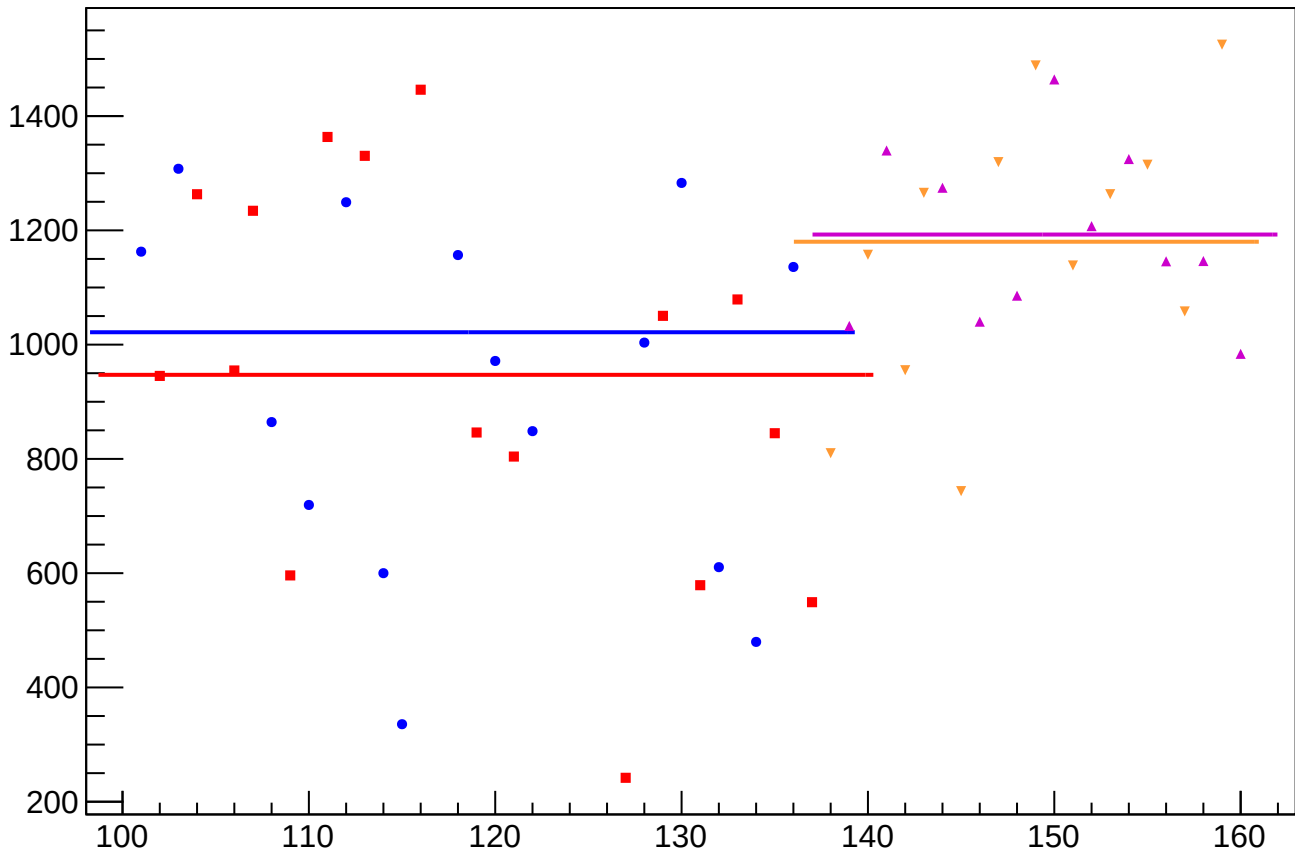
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

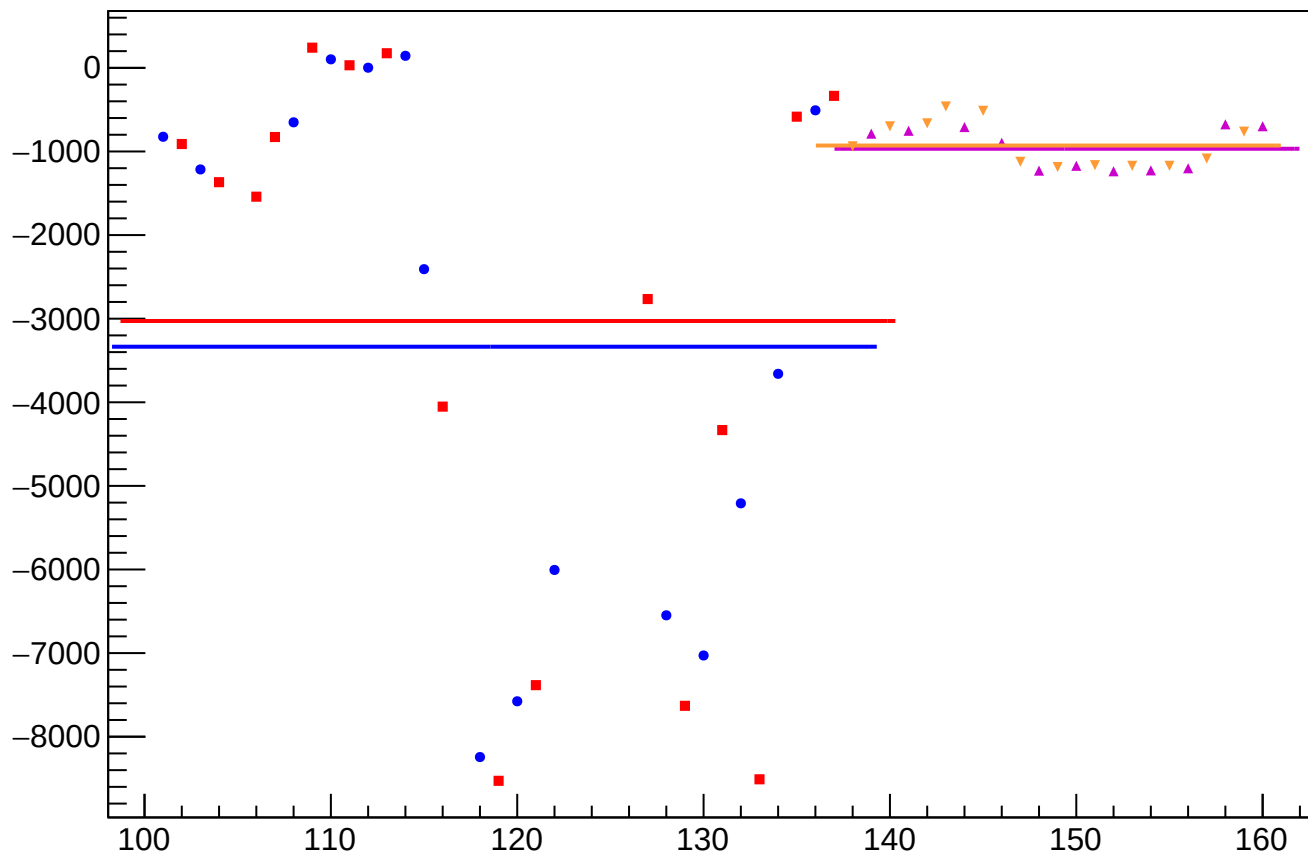
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



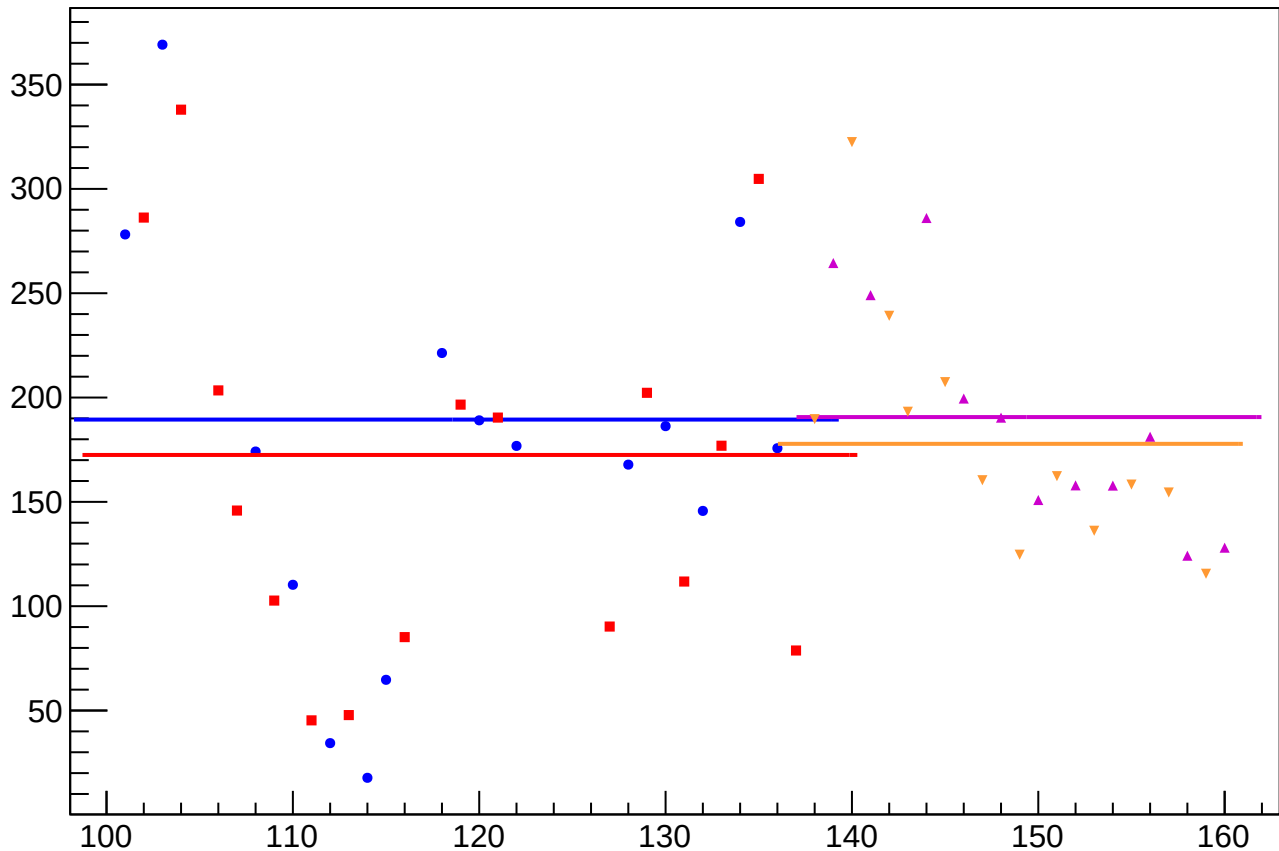
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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

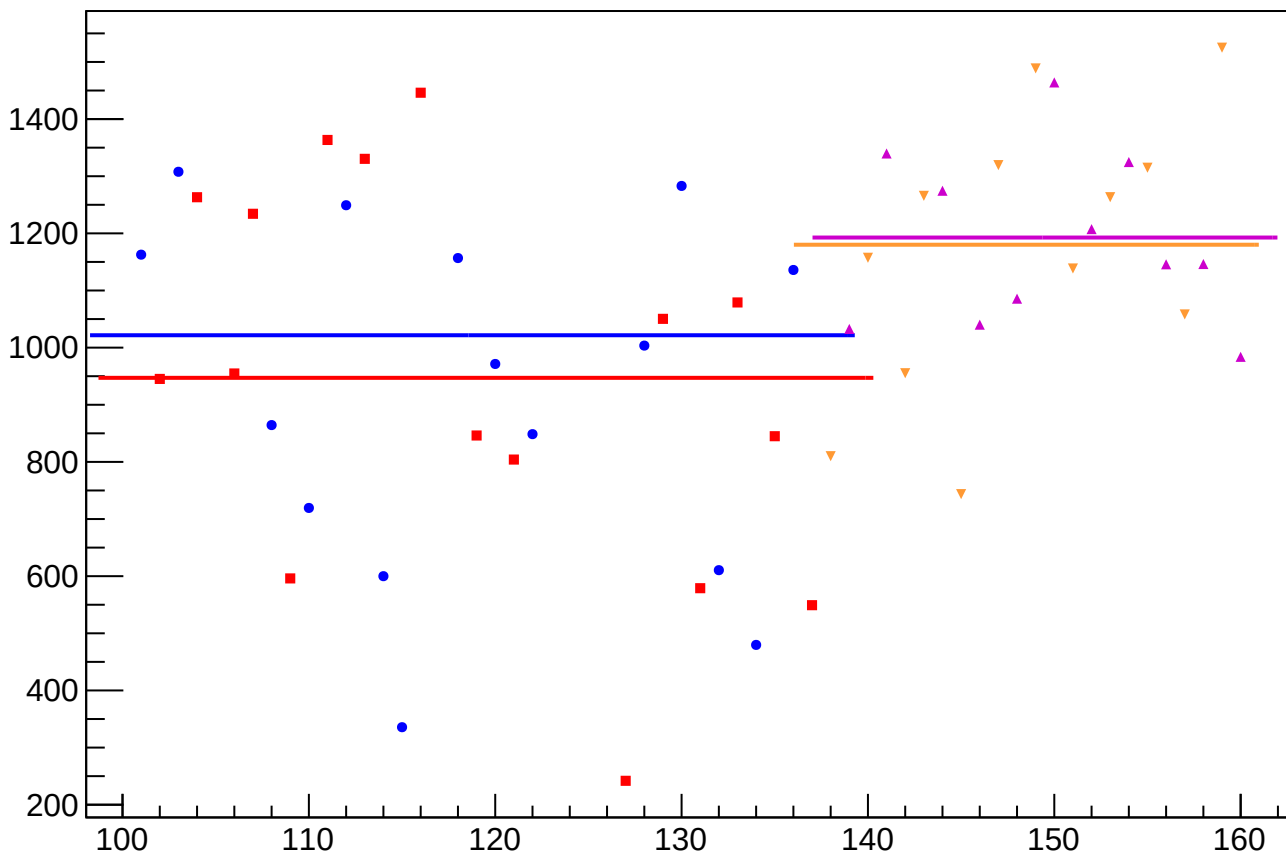
dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000	χ^2/NDF : 4707234253929700721726064108794544128.0/14
Left Out: 177.811+/-0.000	χ^2/NDF : 2793392529927944860081581234505908224.0/11
Right Out: 172.485+/-0.000	χ^2/NDF : 5594813408996728261938711470404534272.0/15
Left In: 190.641+/-0.000	χ^2/NDF : 2536070386684067132001548898091925504.0/10

+ sign 182.640+/-0.000 χ^2/NDF : 755196649084906
 All: 182.836+/-0.000 χ^2/NDF : 15810669328
 - sign 183.029+/-0.000 χ^2/NDF : 825858339211044

dit_sam8_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

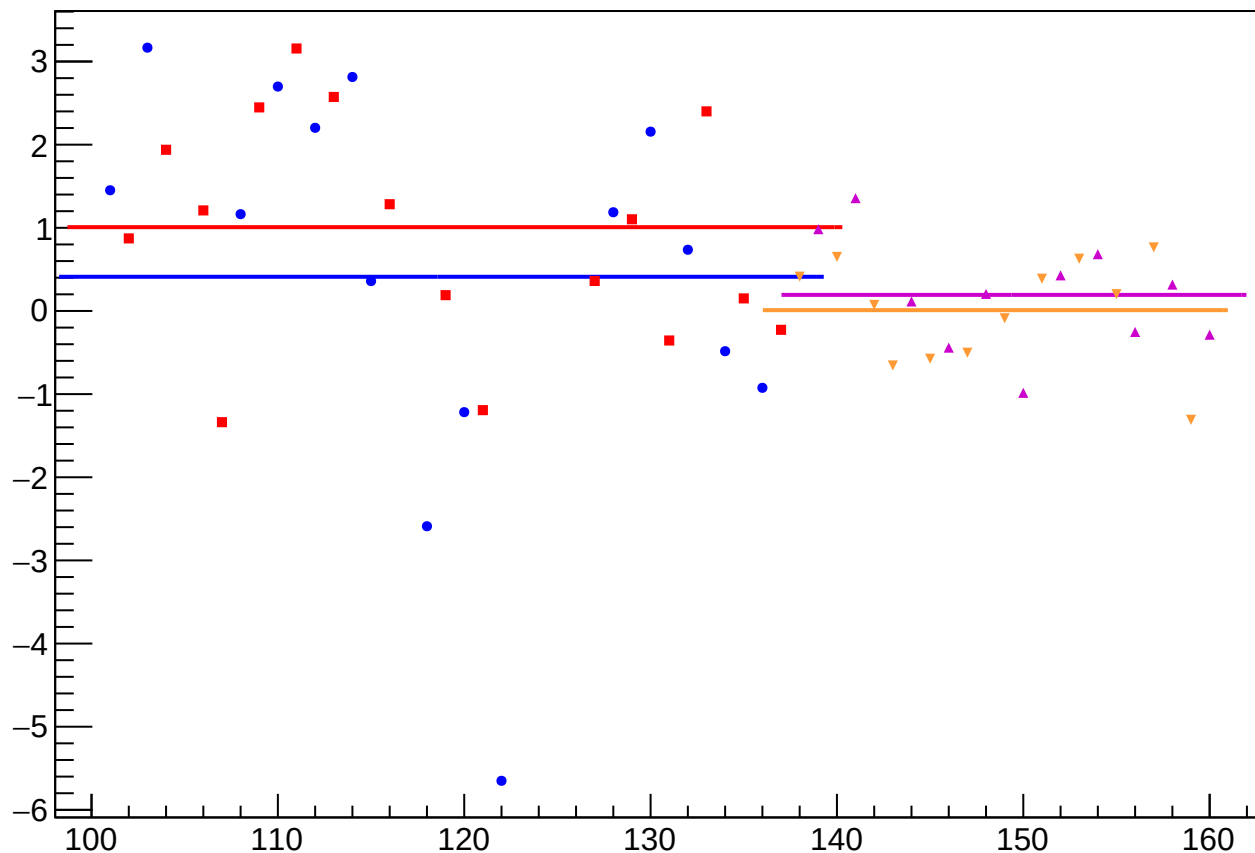
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ 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_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

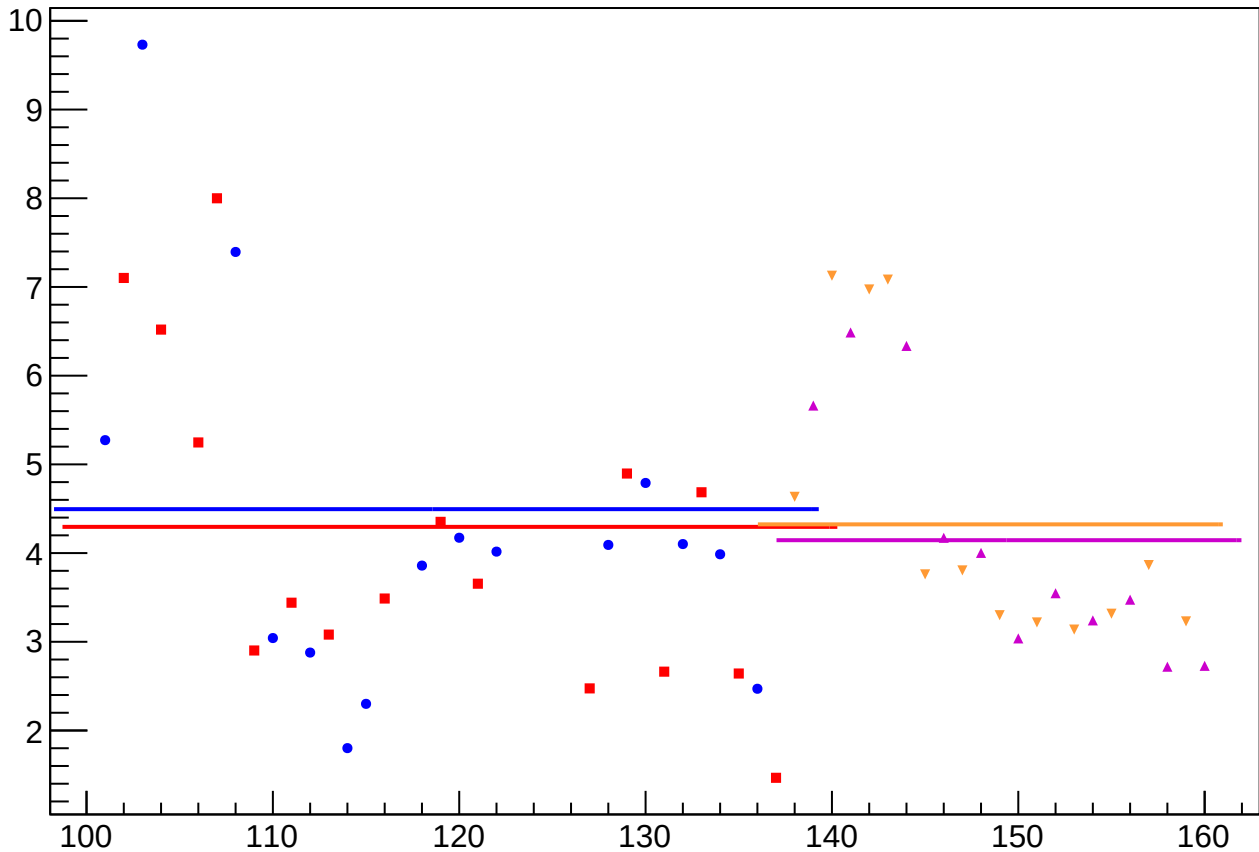
χ^2/NDF : 386133523330033860307880234713088.0/10

+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763

All: 0.357+/-0.000 χ^2/NDF : 56741679110622

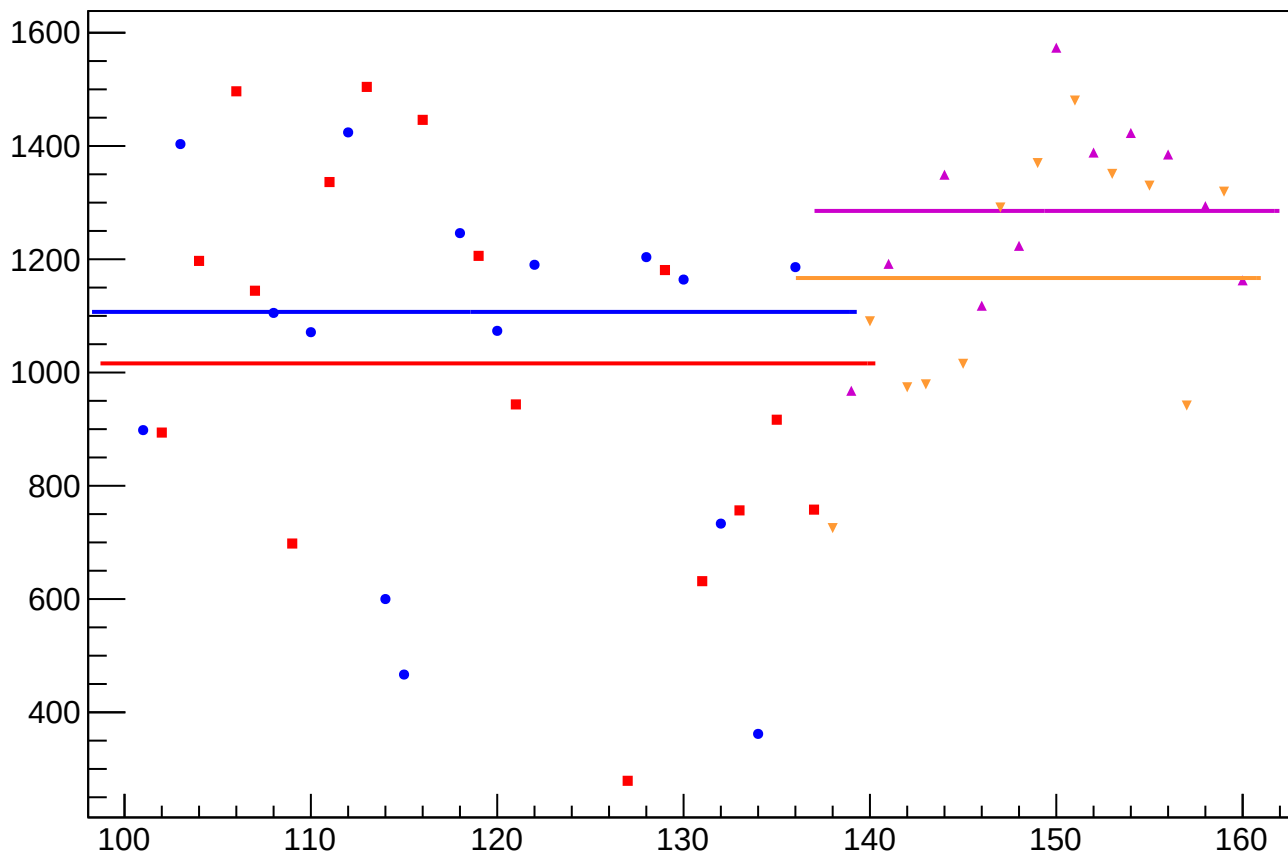
- sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

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

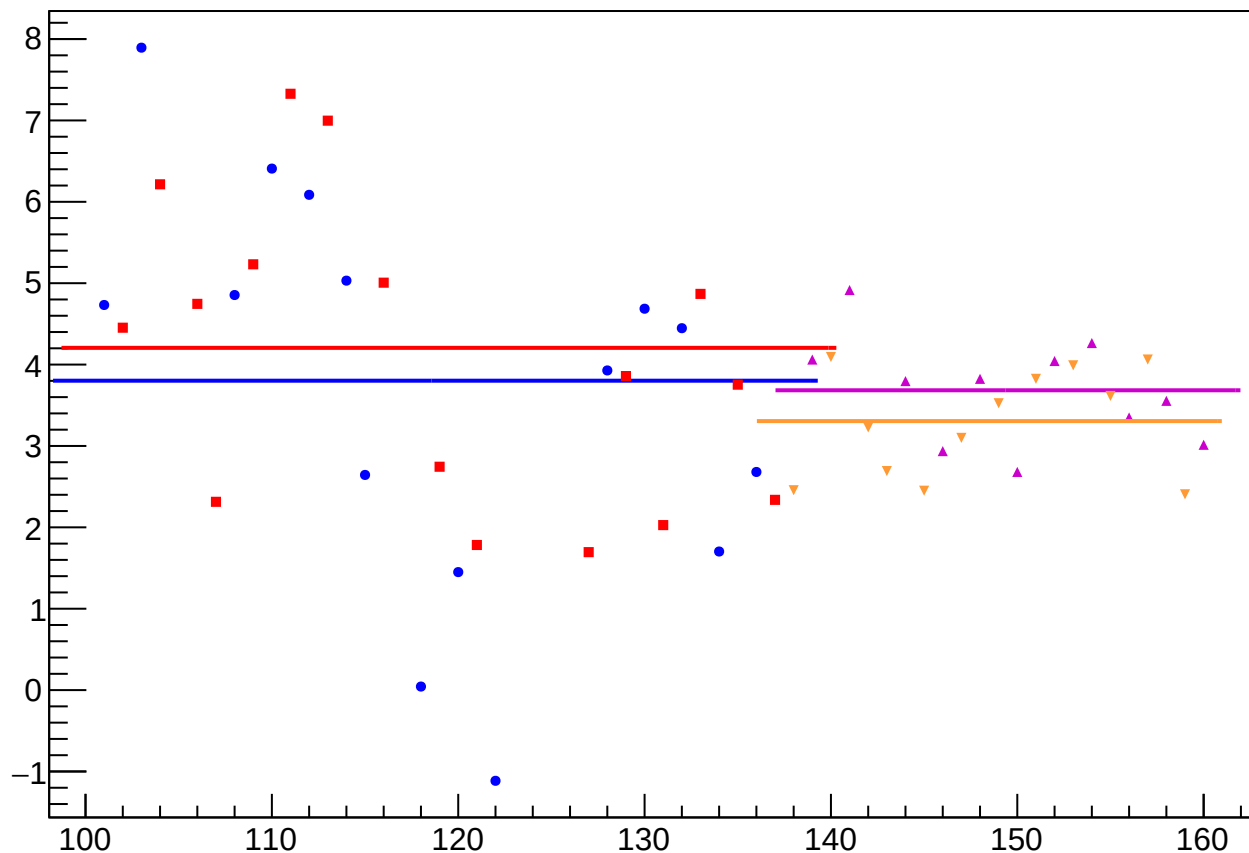
Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

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

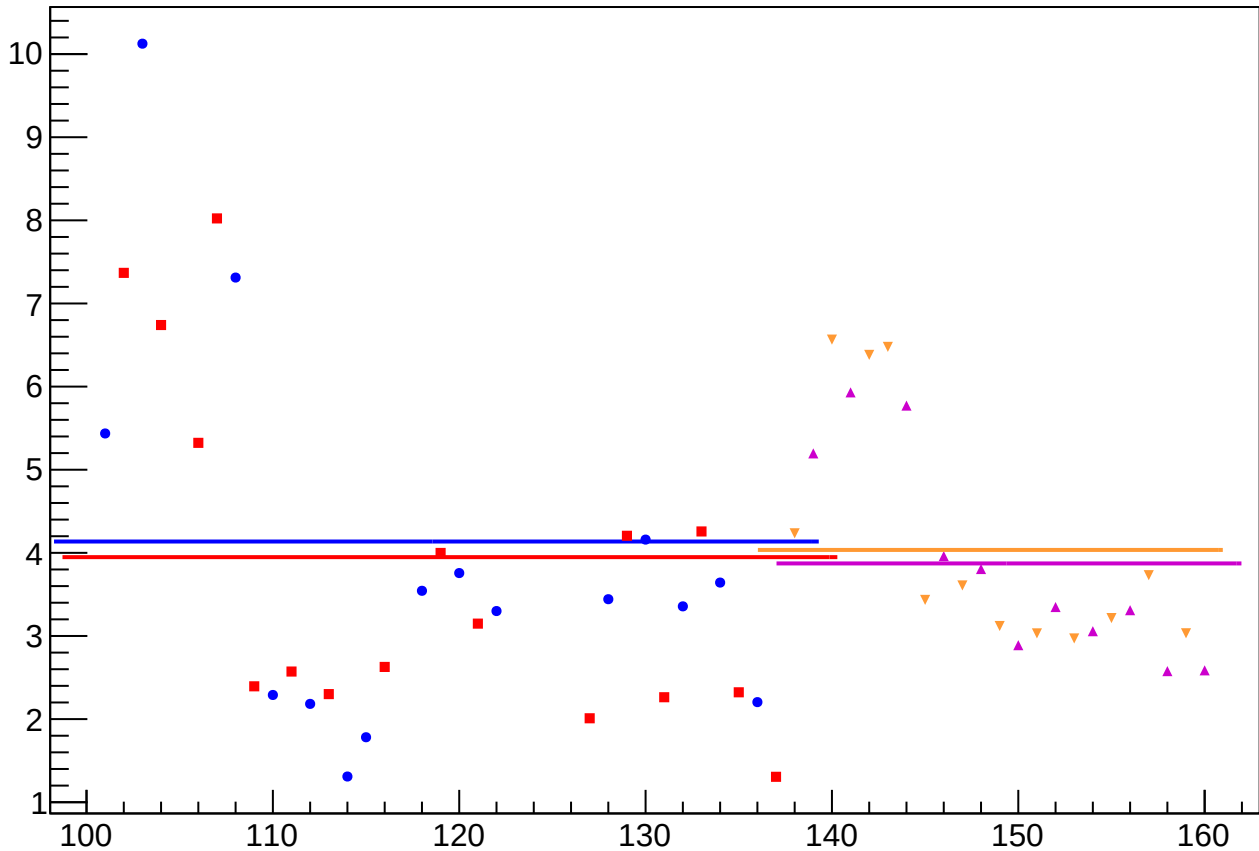
dit_4eX_coil4_mean vs Slug



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

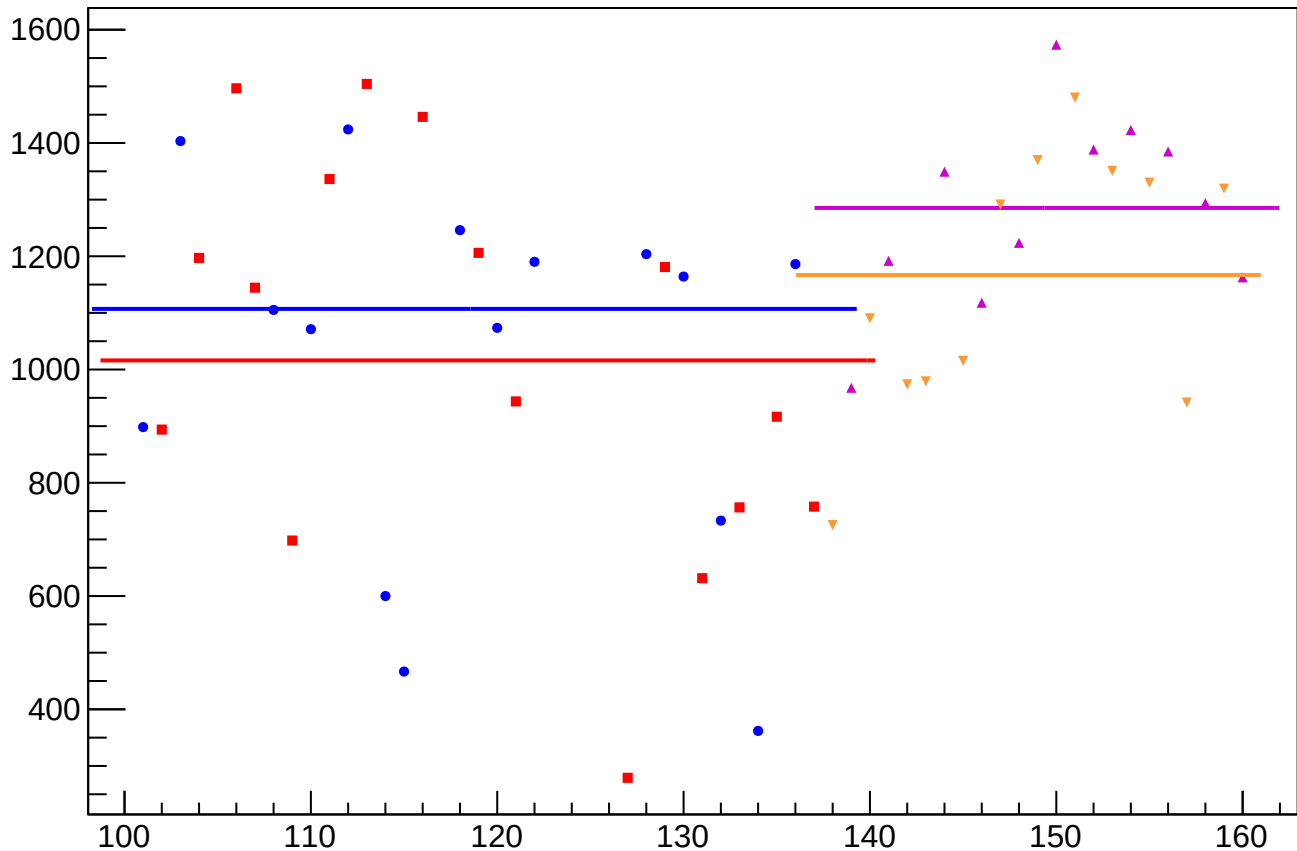
+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782
 All: 3.709+/-0.000 χ^2/NDF : 6952977853900
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

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



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

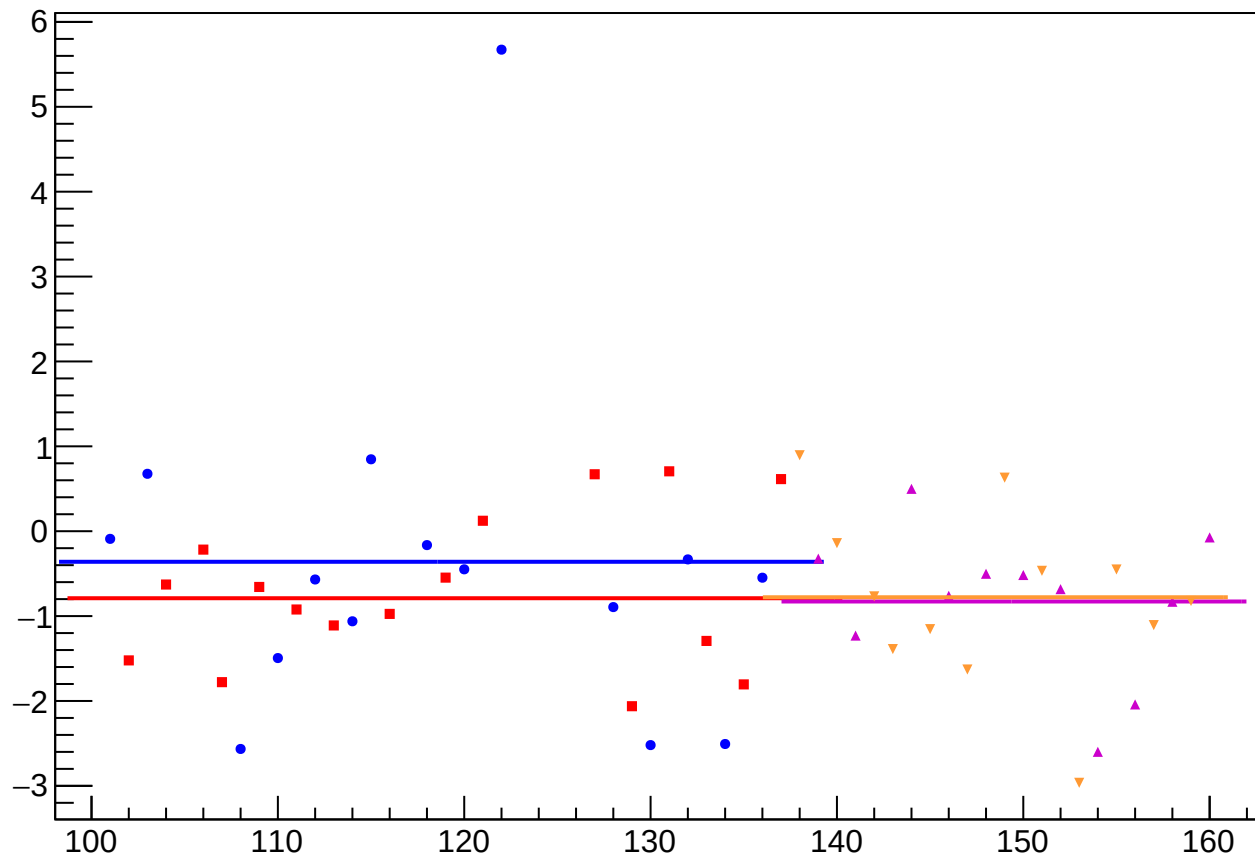
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ 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_11X12X_coil4_mean vs Slug



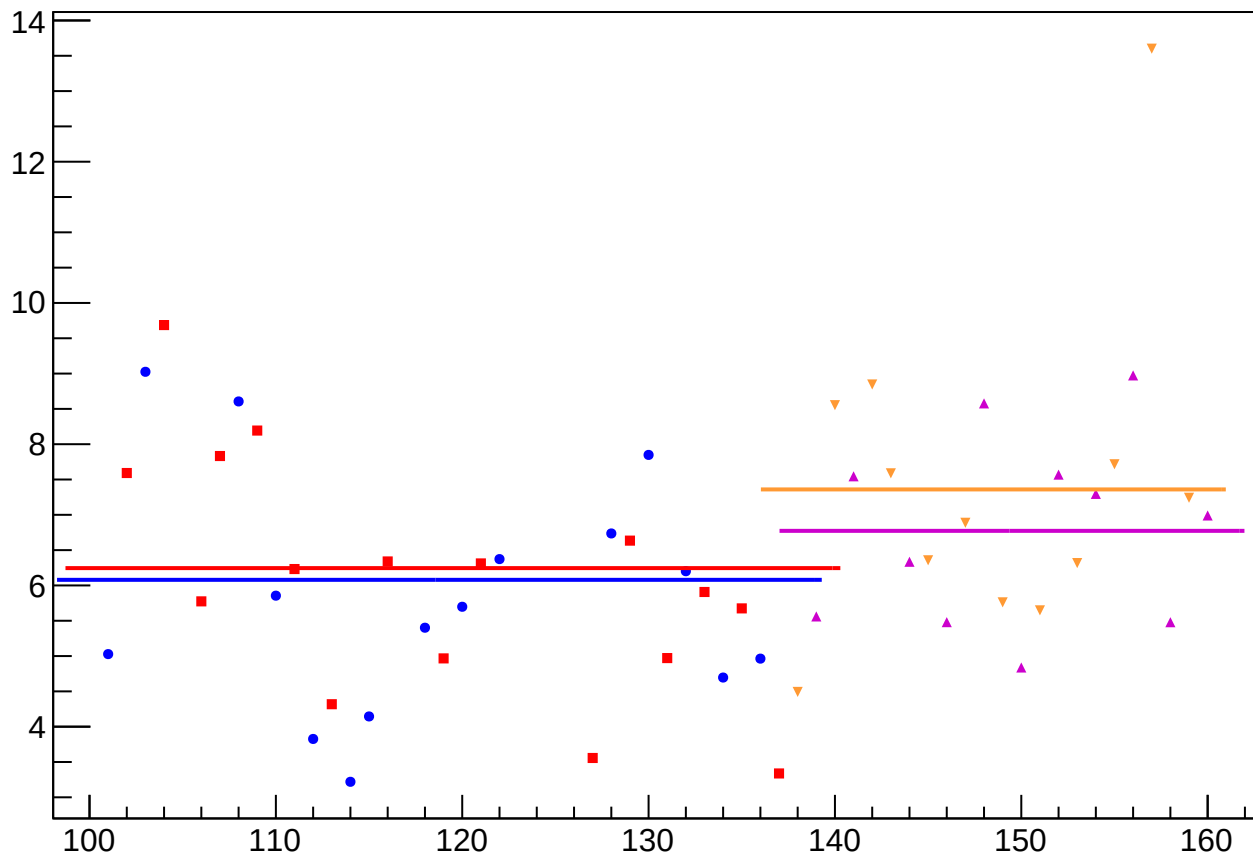
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

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

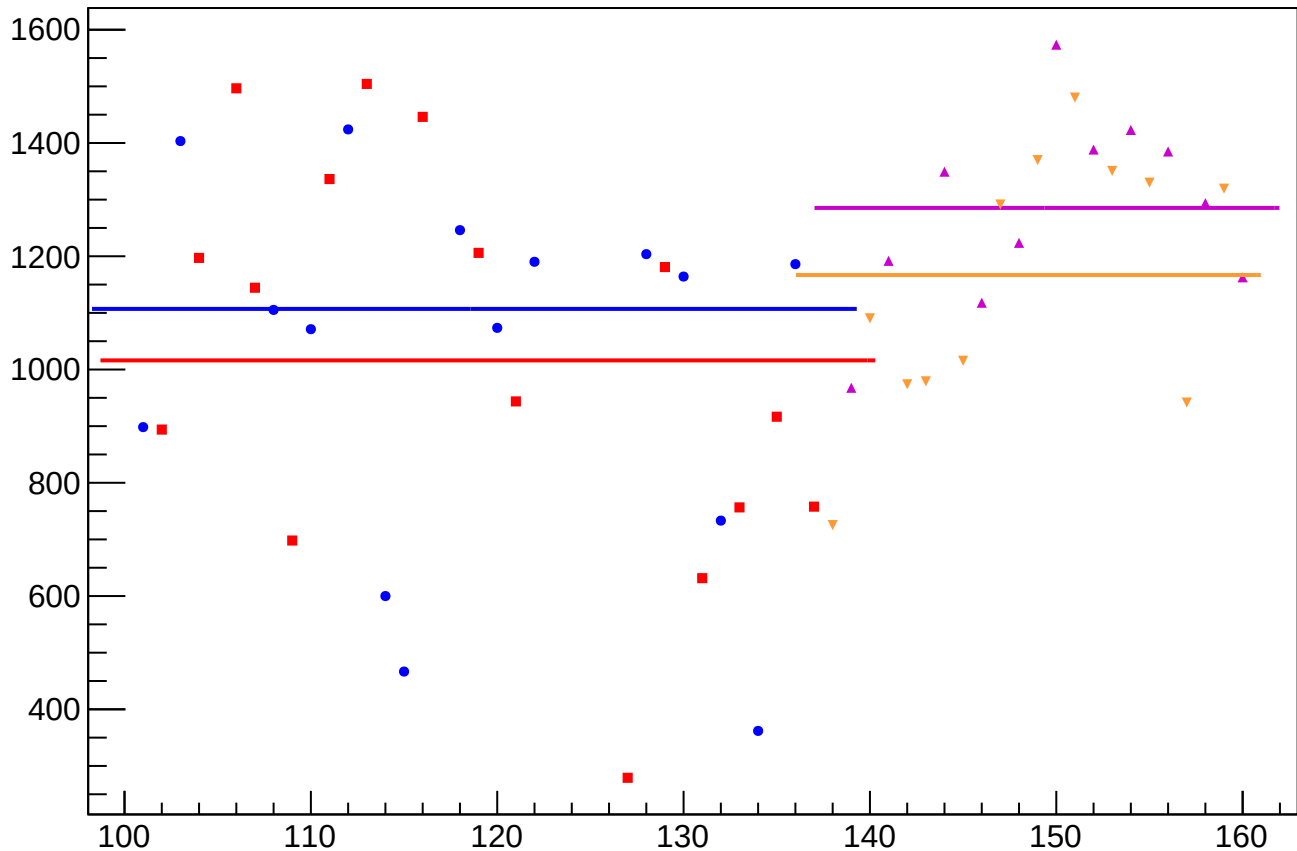
dit_11X12X_coil4_err_mean vs Slug



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

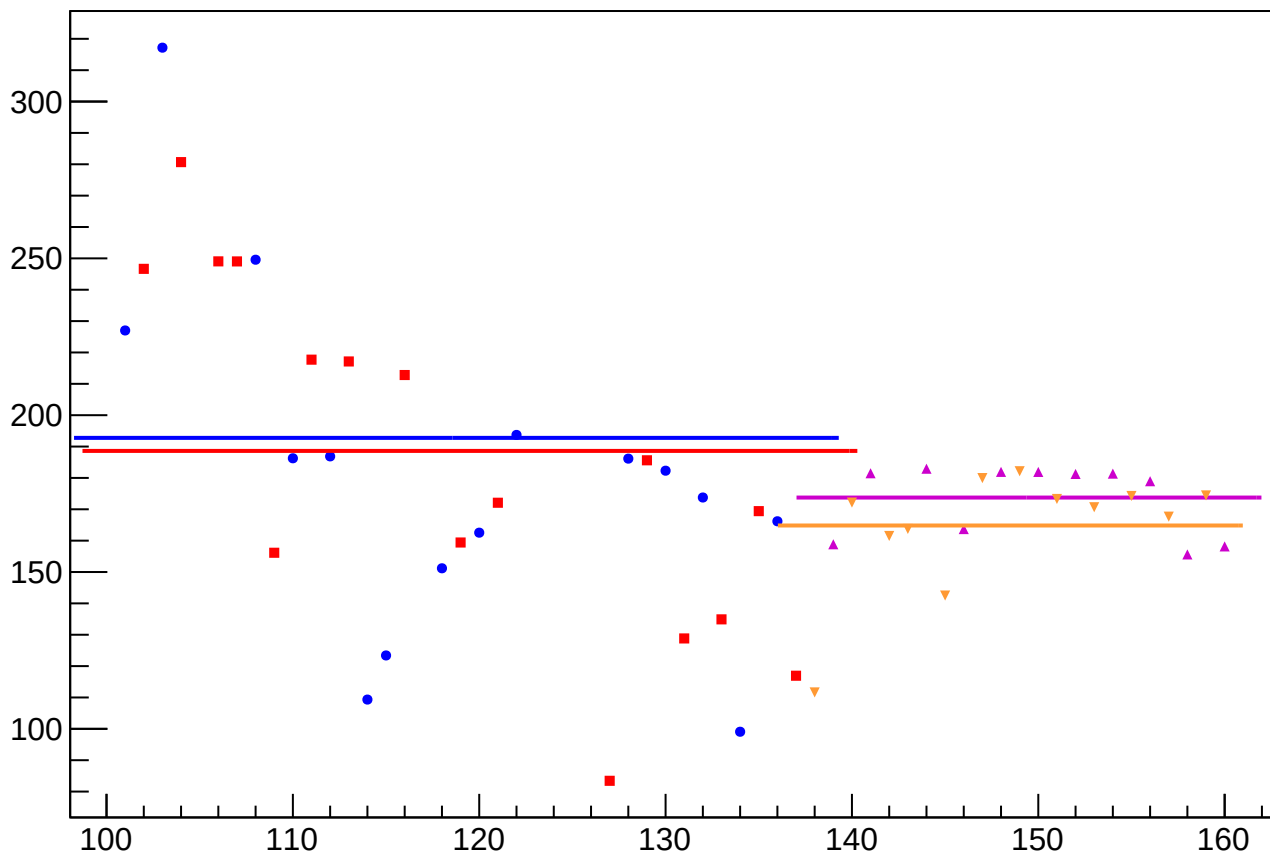
+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869
 All: 6.689+/-0.000 χ^2/NDF : 1032305053905
 - sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

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
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_4aY_coil4_mean vs Slug



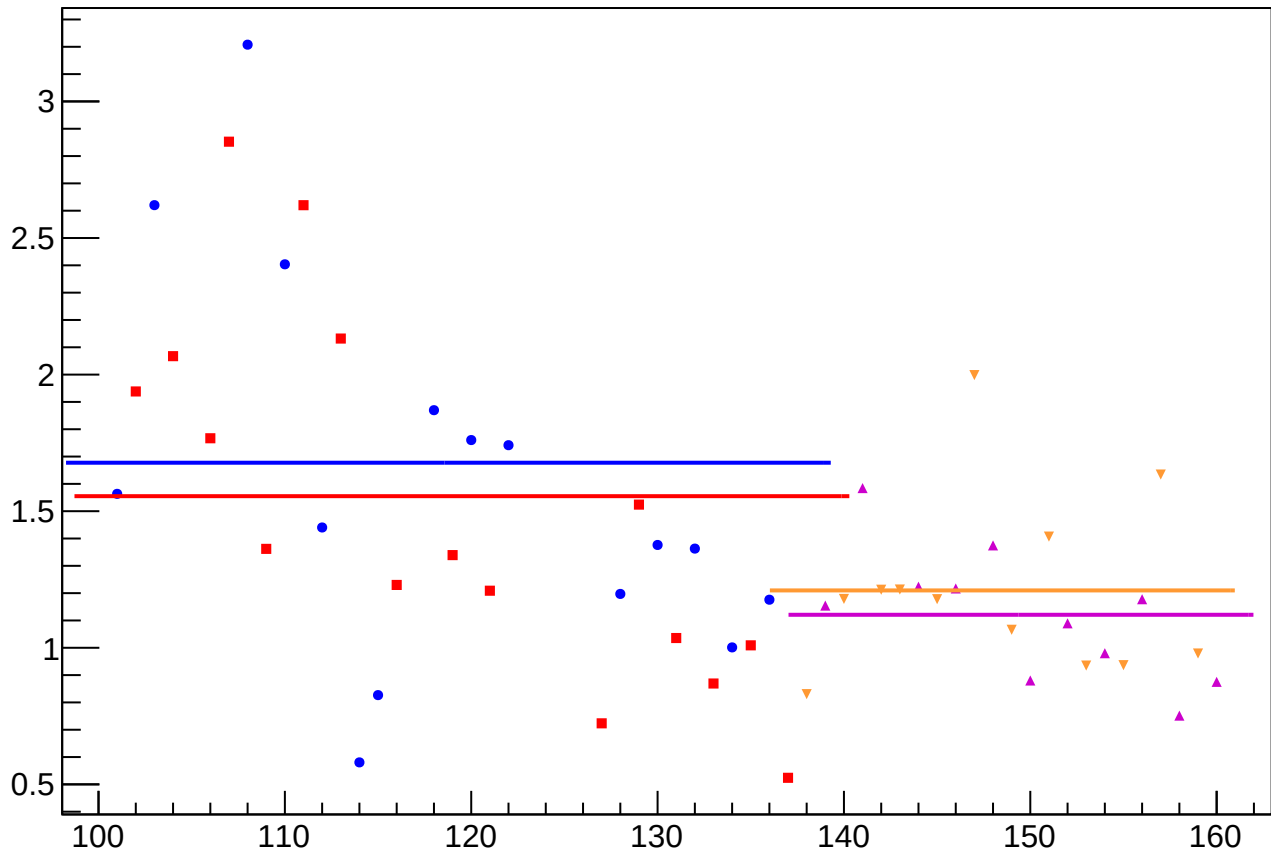
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

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



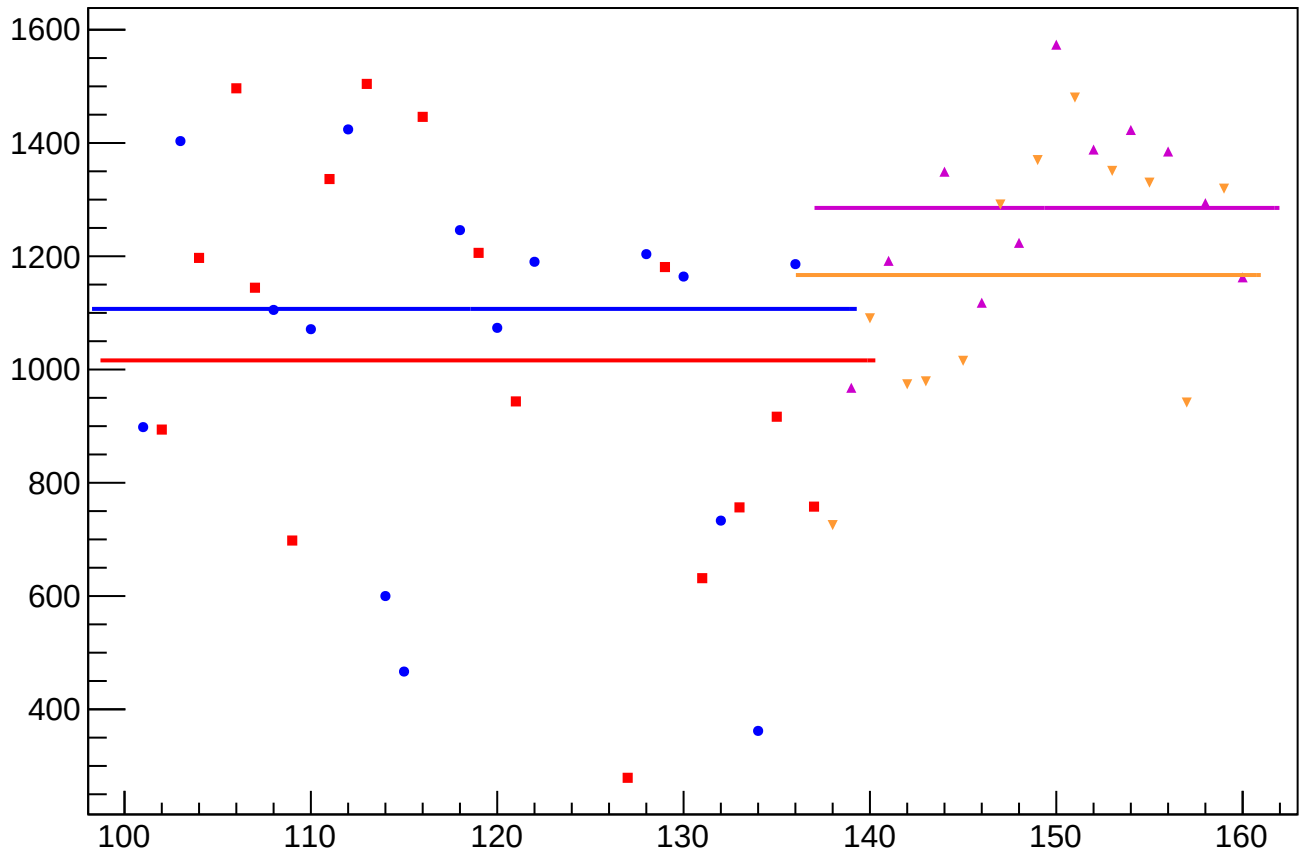
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

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

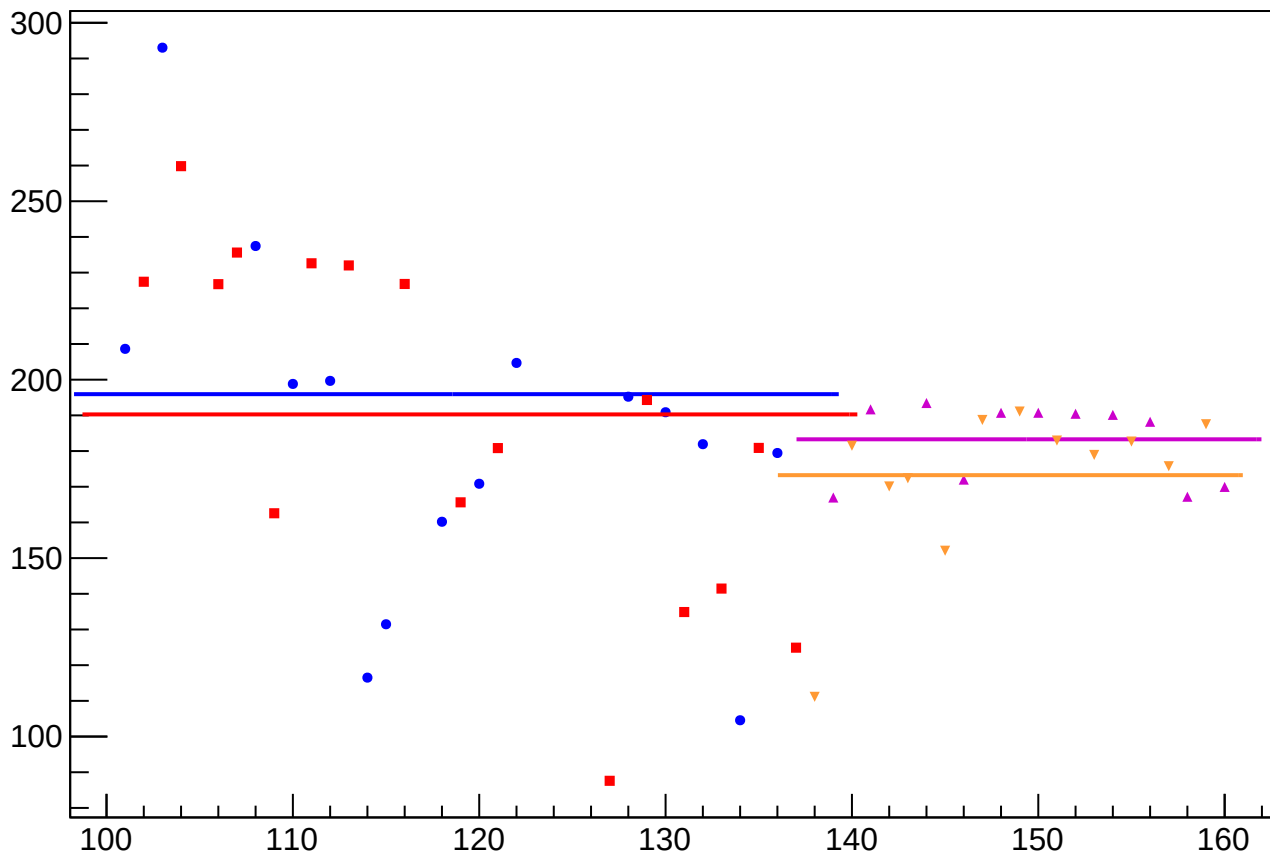
Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

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

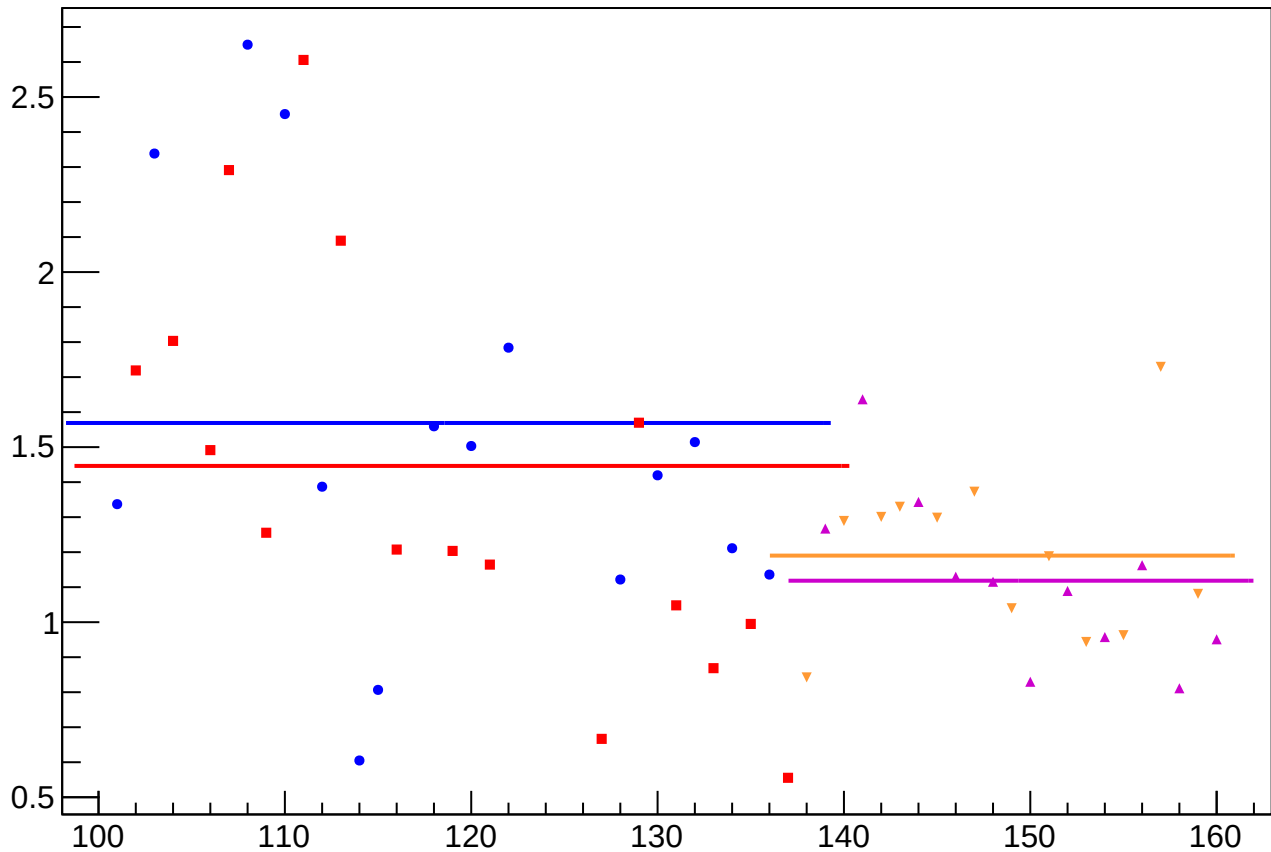
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ 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

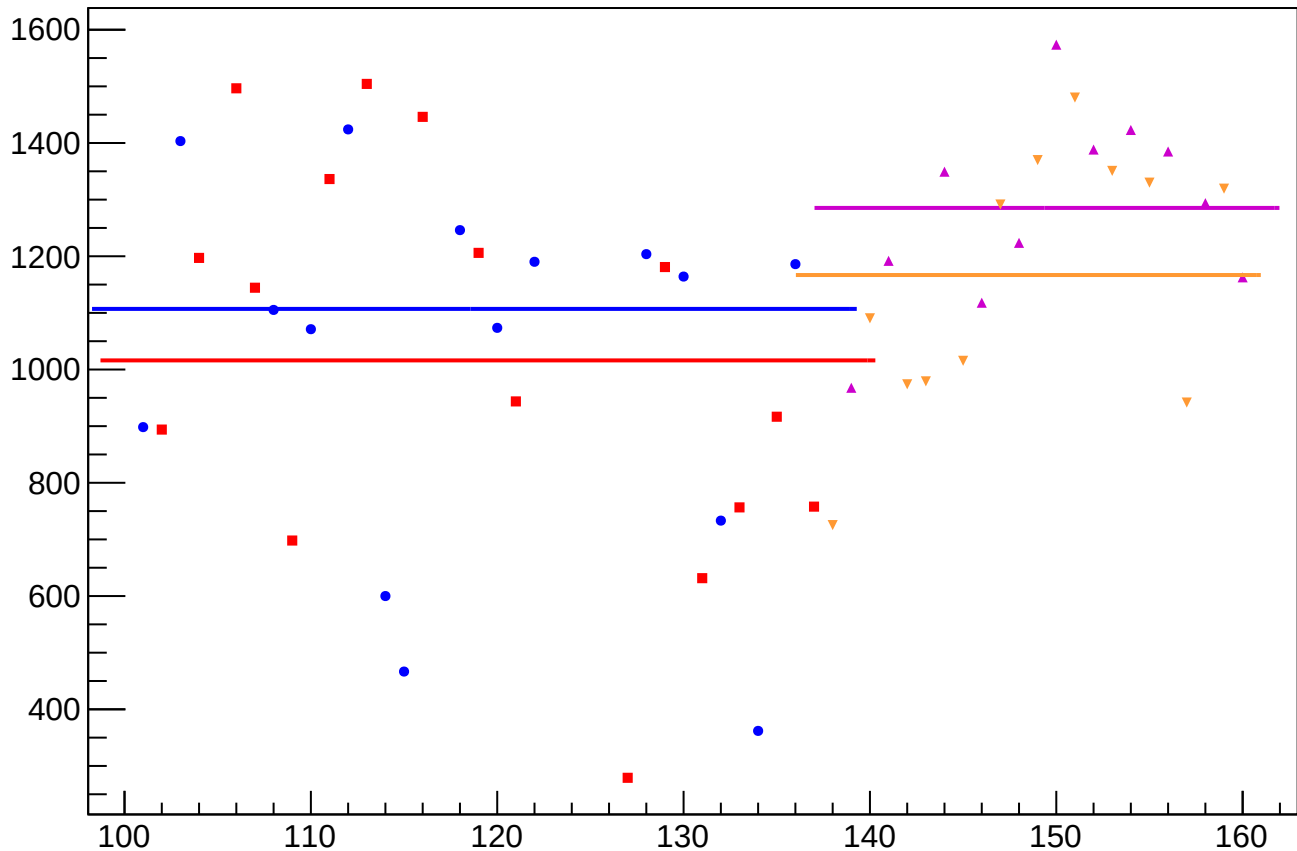
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

+ sign 1.347 $\pm$ 0.000 χ^2 /NDF: 26805645085959175

All: 1.301 $\pm$ 0.000 χ^2 /NDF: 56157588721998

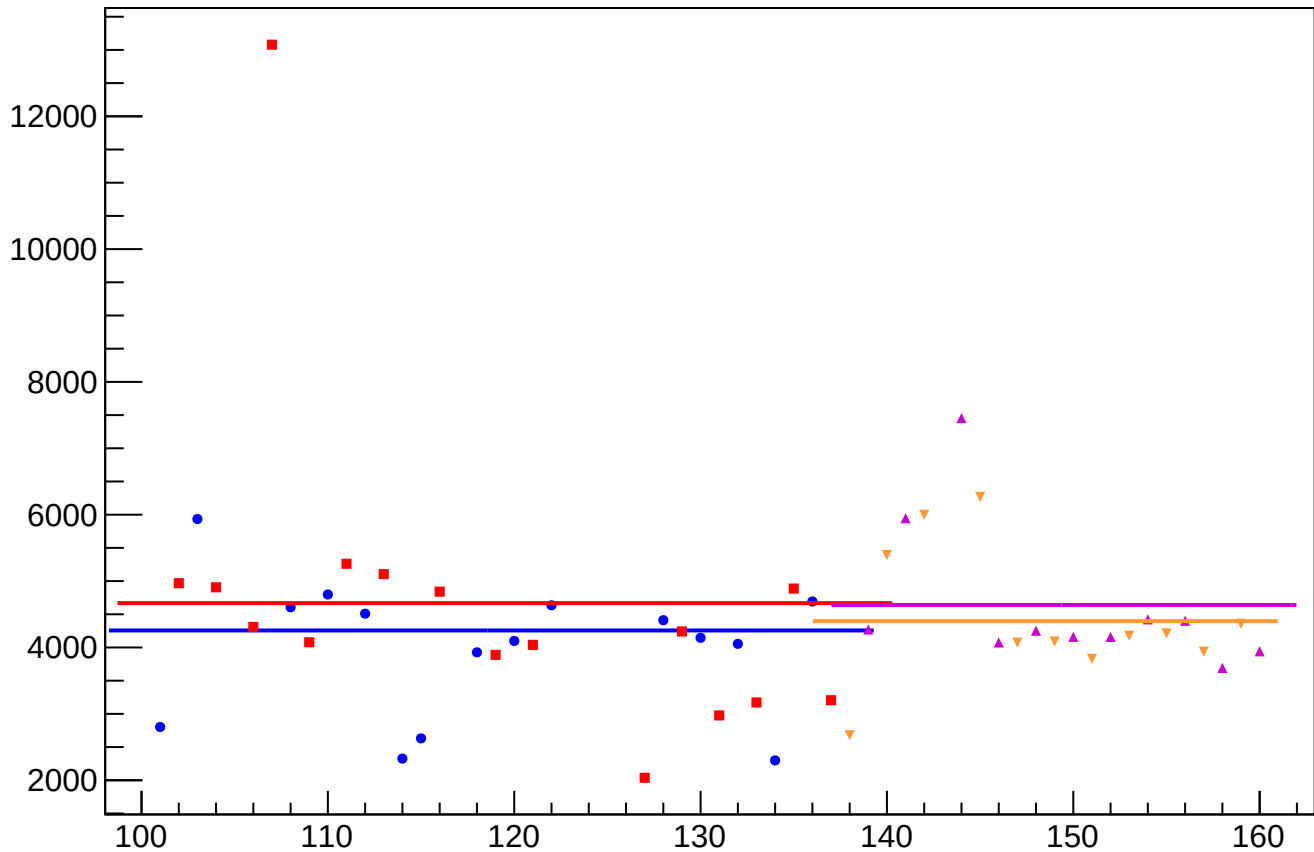
- sign 1.256 $\pm$ 0.000 χ^2 /NDF: 28690992559145743

dit_4eY_coil4_Ndata_mean vs Slug



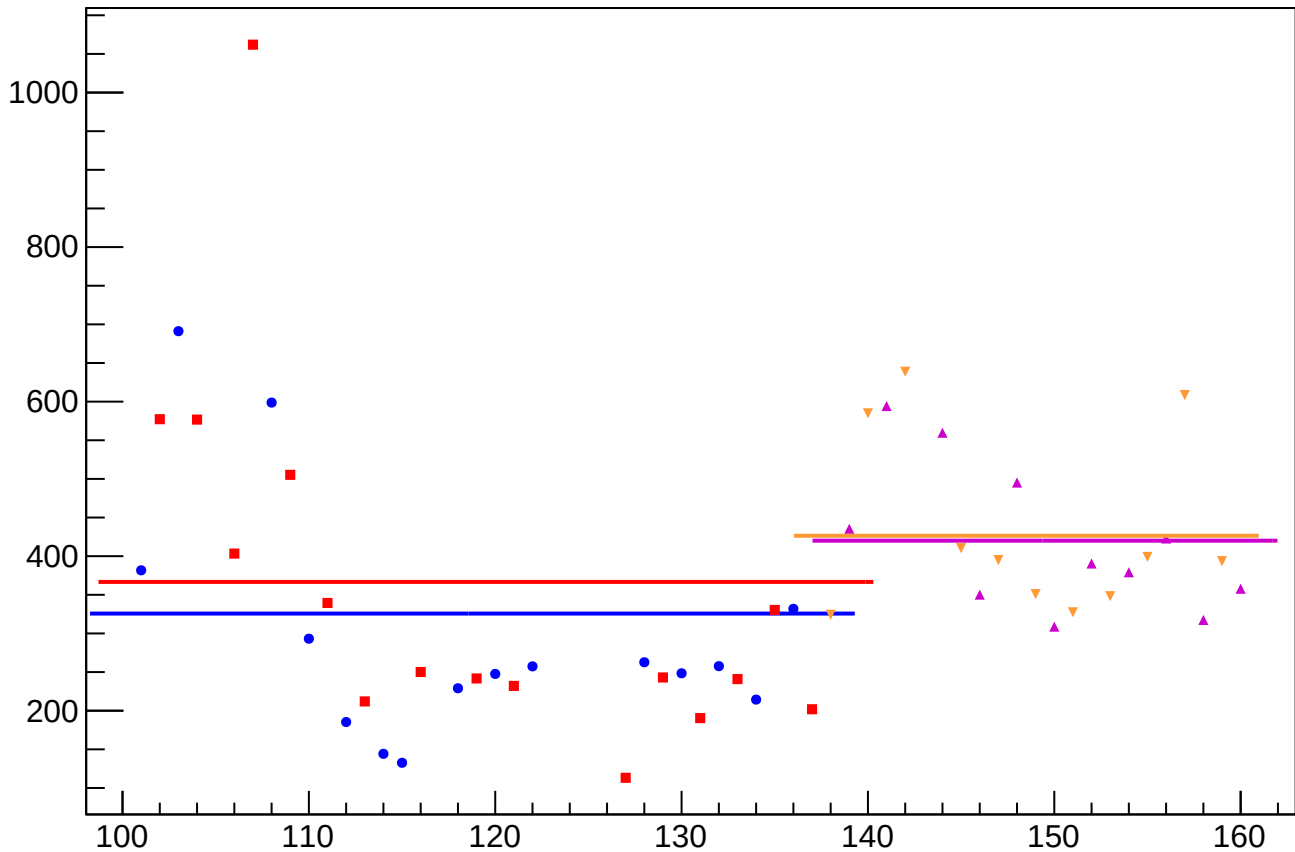
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_usl_coil4_mean vs Slug



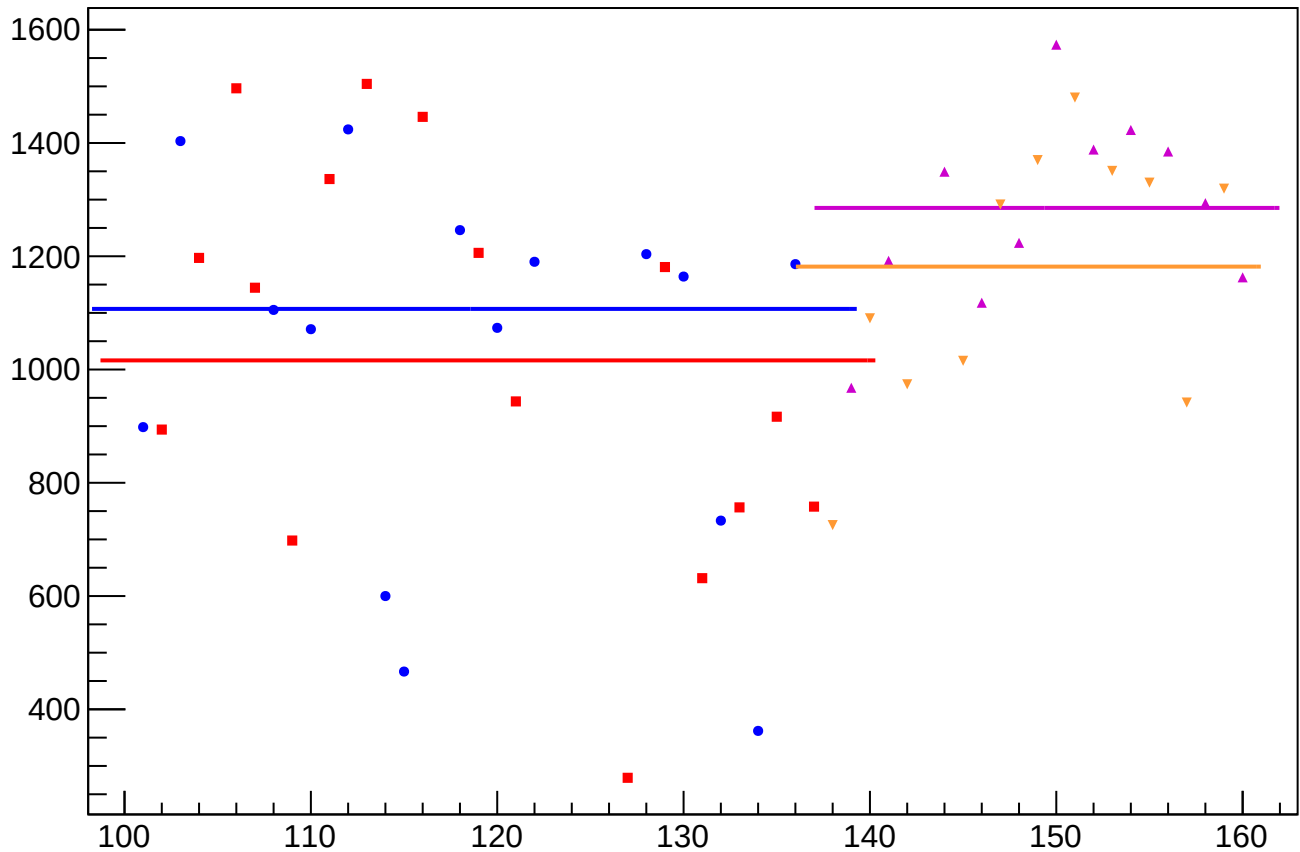
Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14	+ sign 4335.661+/-0.000	χ^2/NDF : 12734954654857
Left Out: 4396.403+/-0.000	χ^2/NDF : 767686308157486440179100240552638021632.0/10	All: 4498.481+/-0.000	χ^2/NDF : 56111214278
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15	- sign 4651.578+/-0.000	χ^2/NDF : 42606752336216
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10		

dit_usl_coil4_err_mean vs Slug



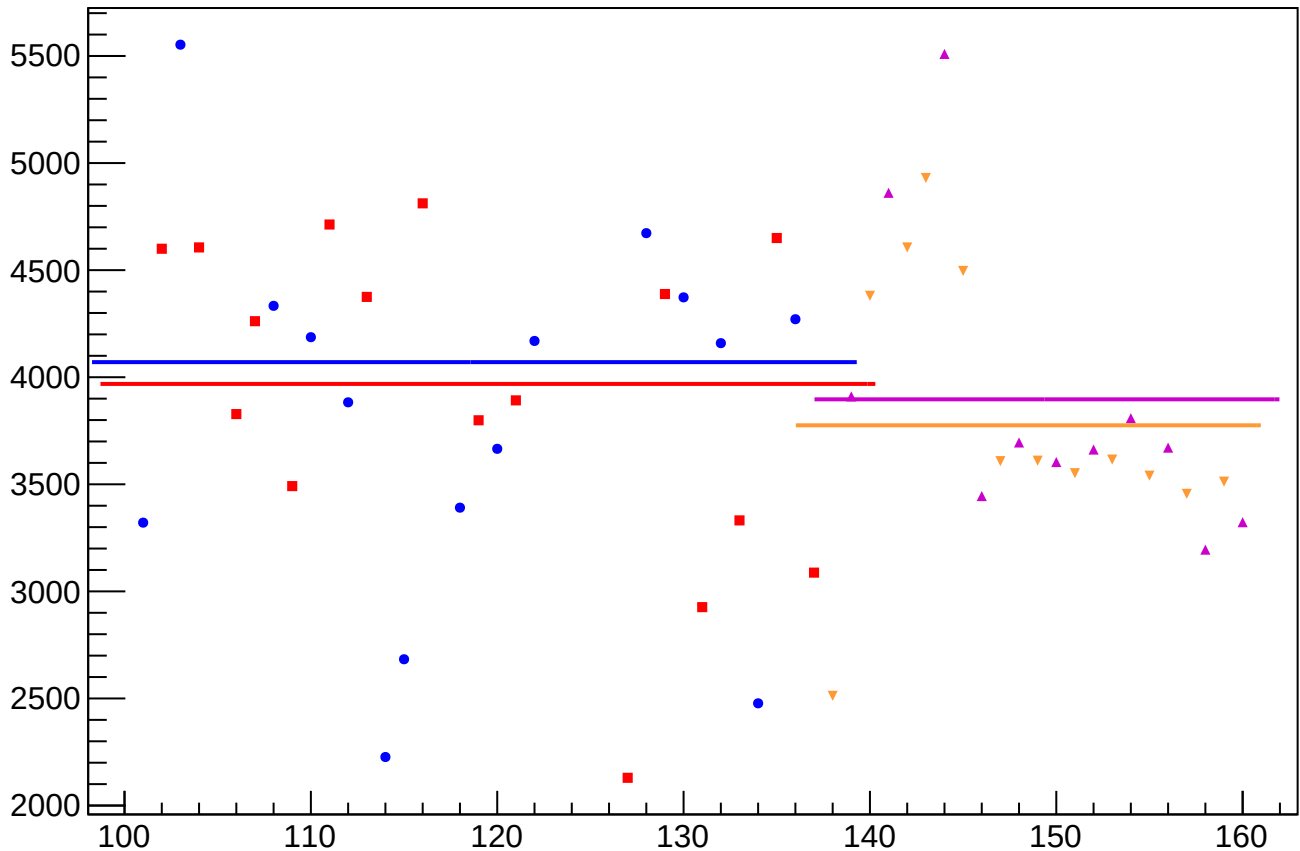
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14
 Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10
 Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15
 Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721+/-0.000 χ^2/NDF : 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

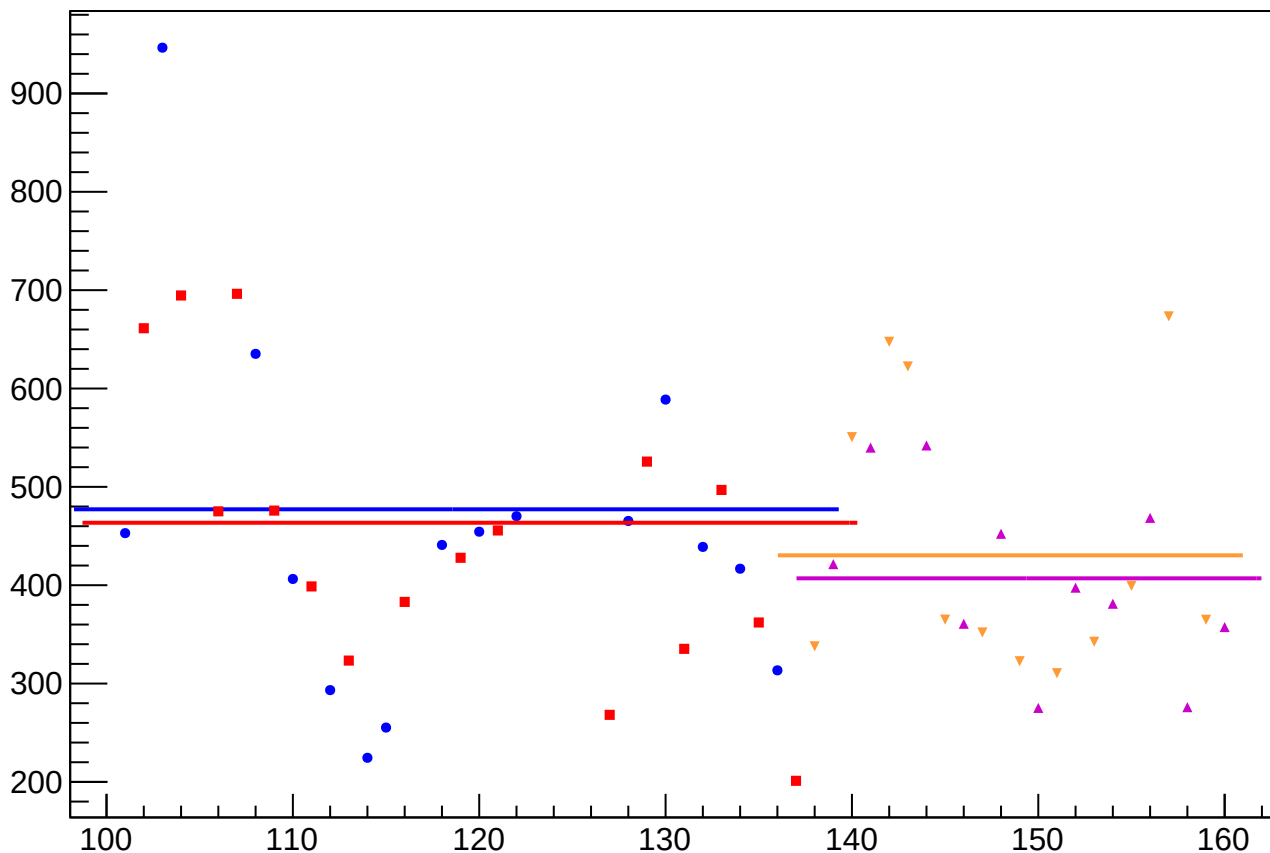
dit_usr_coil4_mean vs Slug



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

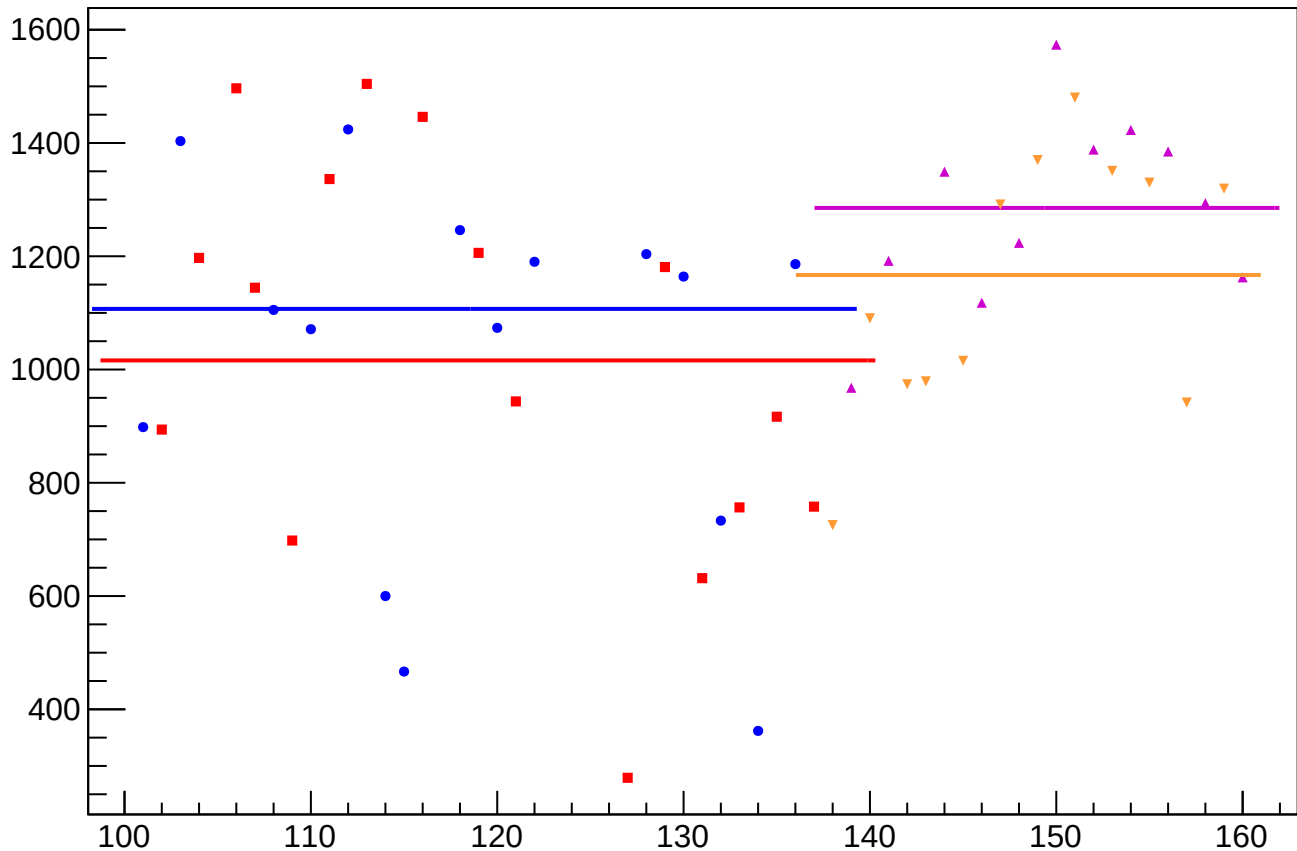
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

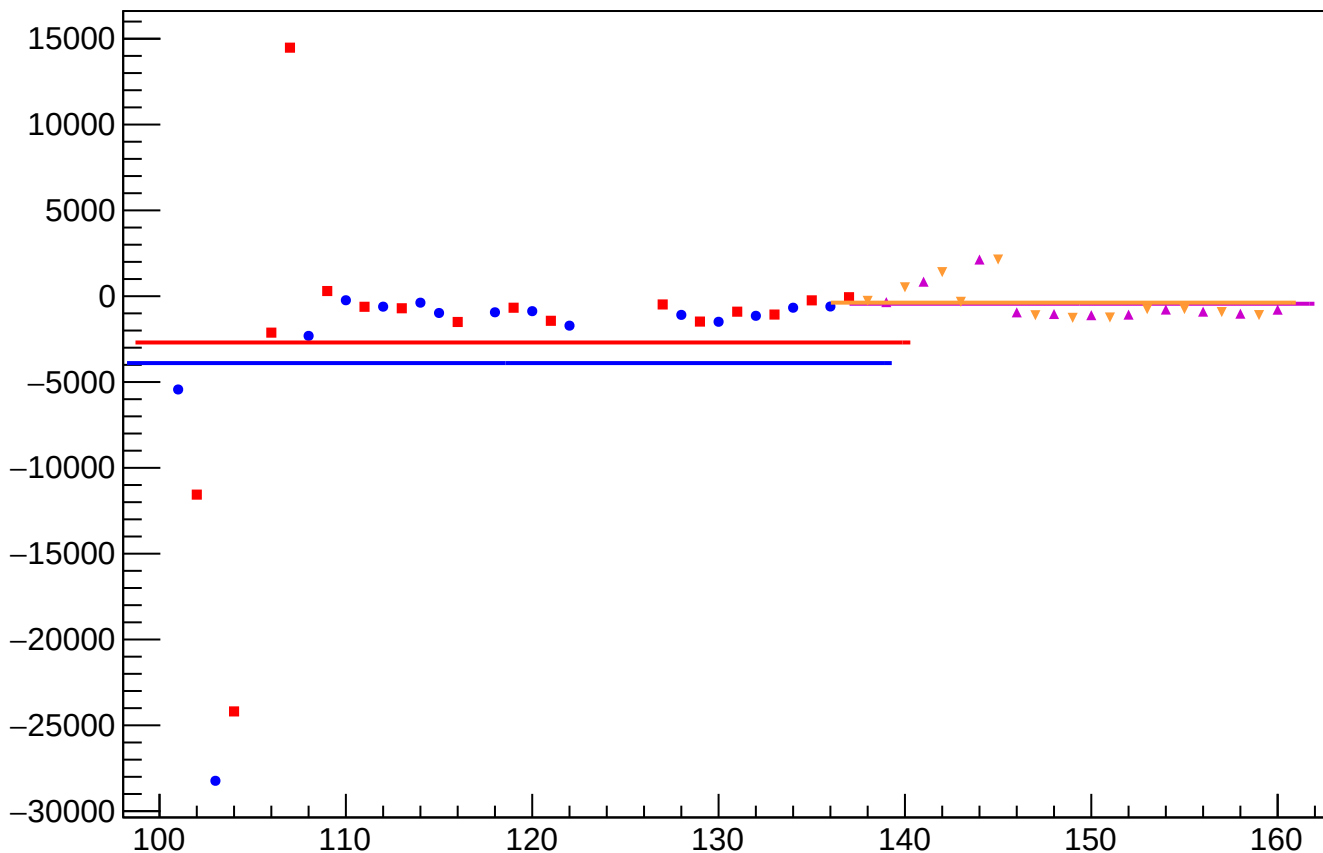
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



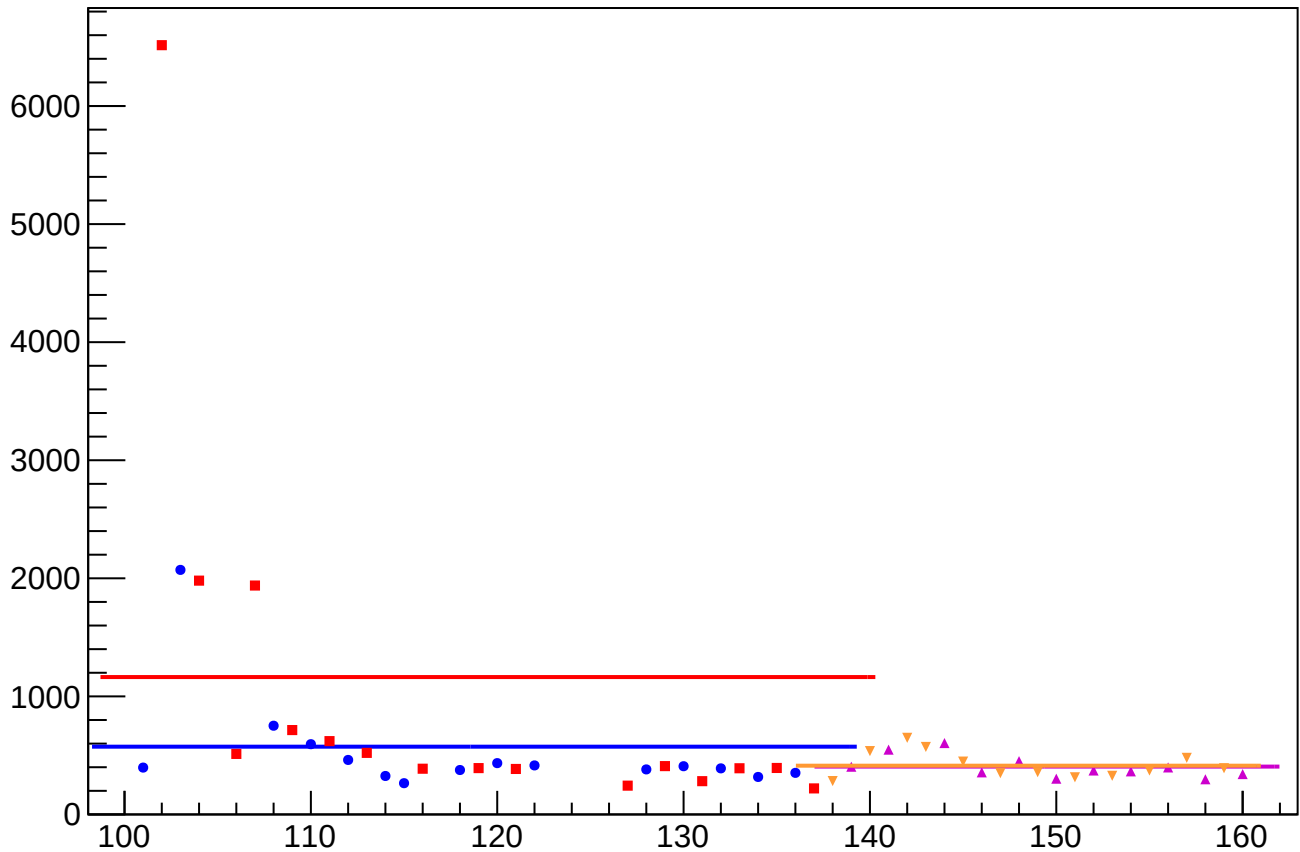
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



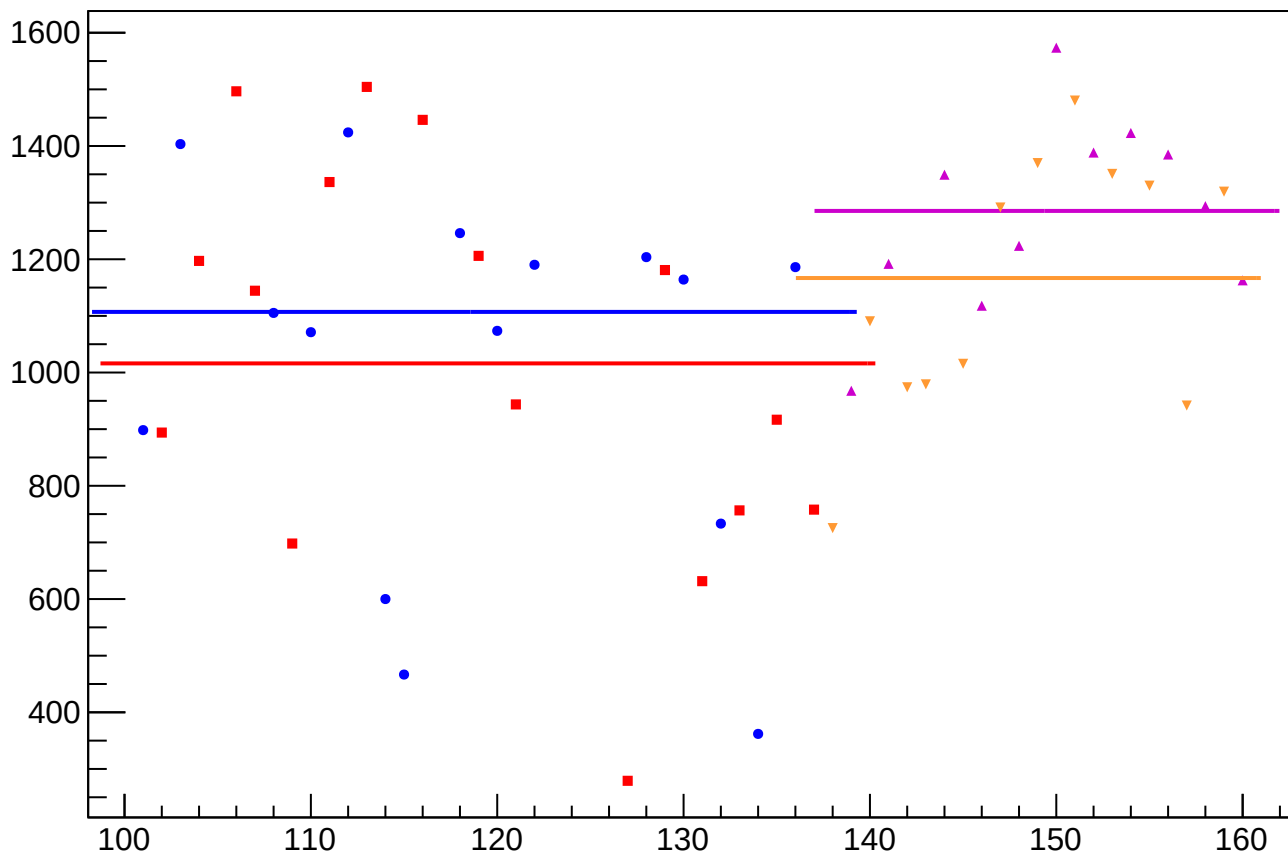
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430+/-0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10

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 $\pm$ 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

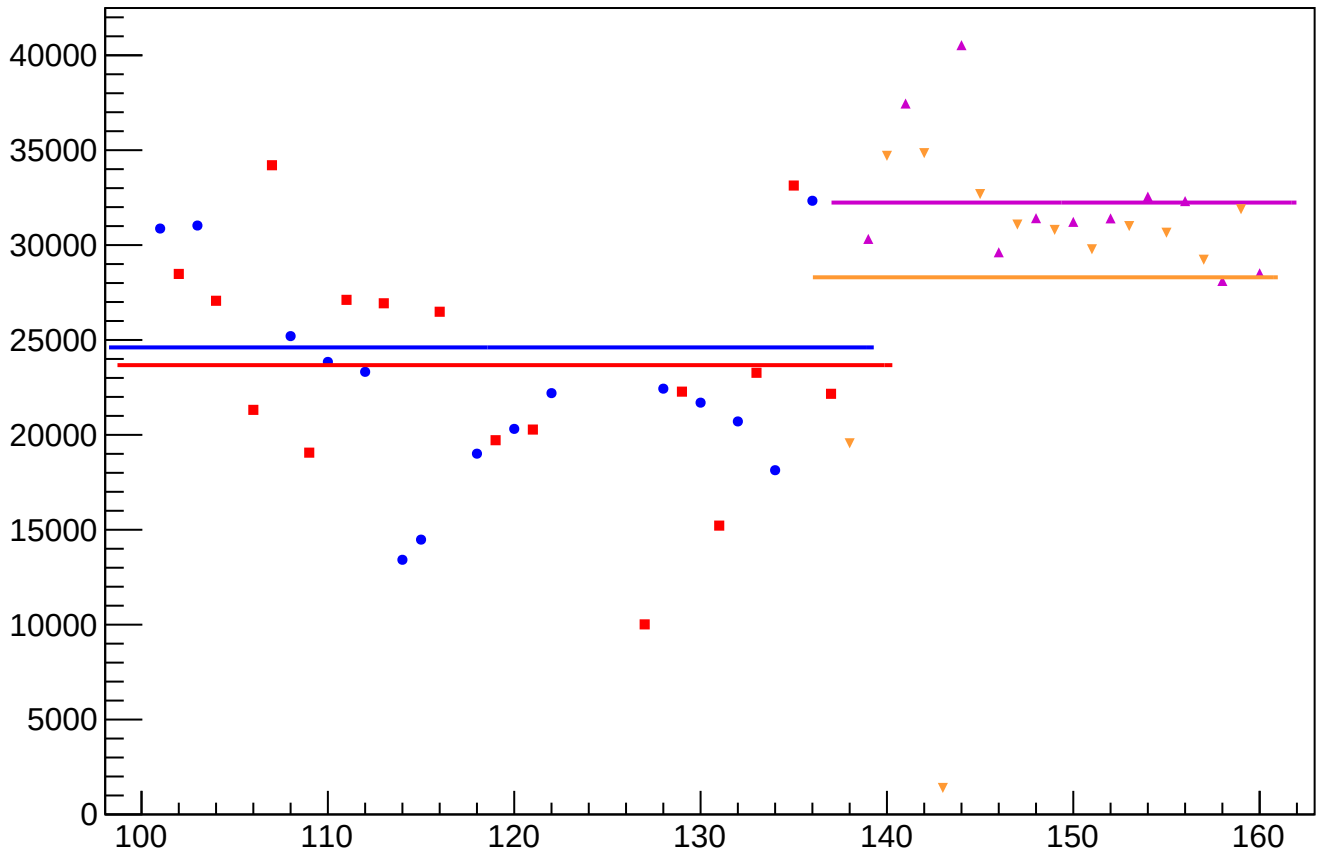
Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316

All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

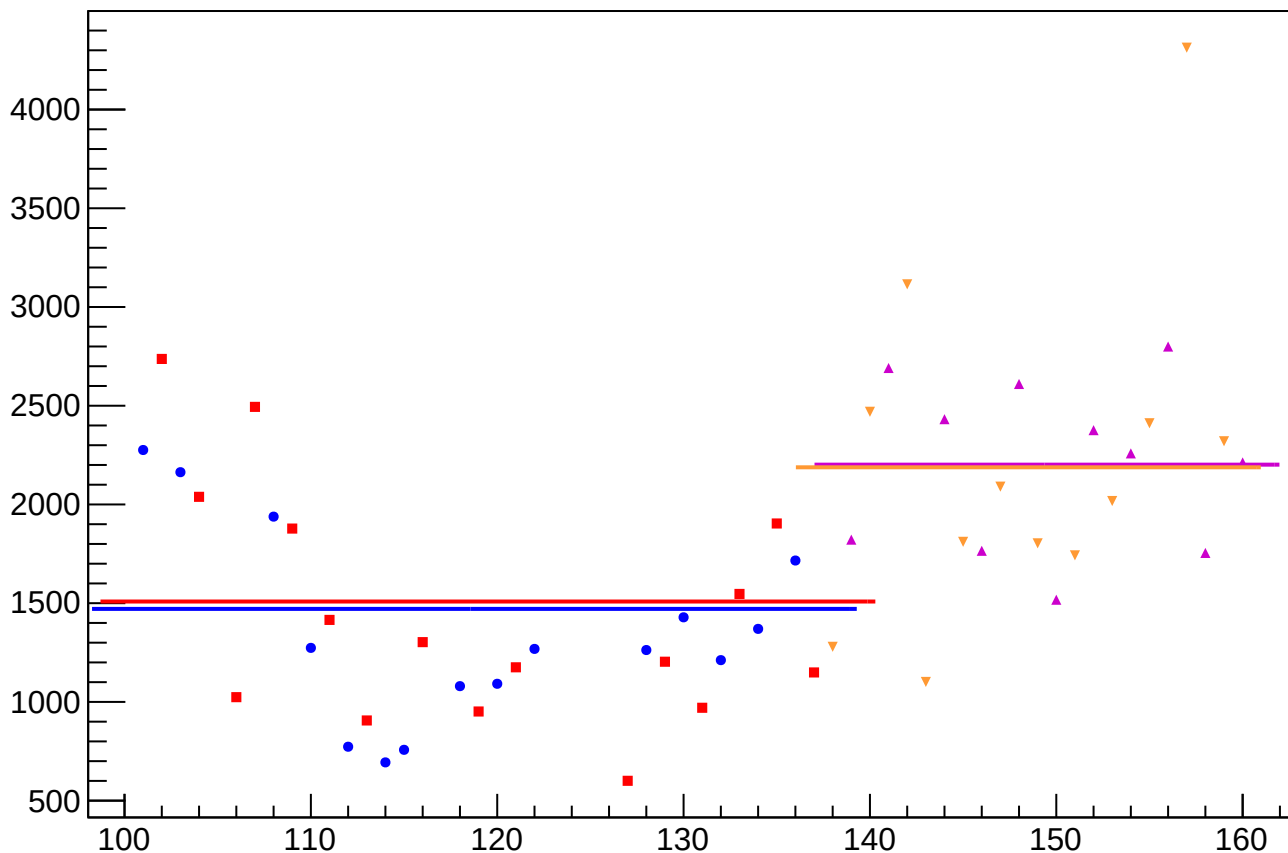
dit_atl2_coil4_mean vs Slug



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

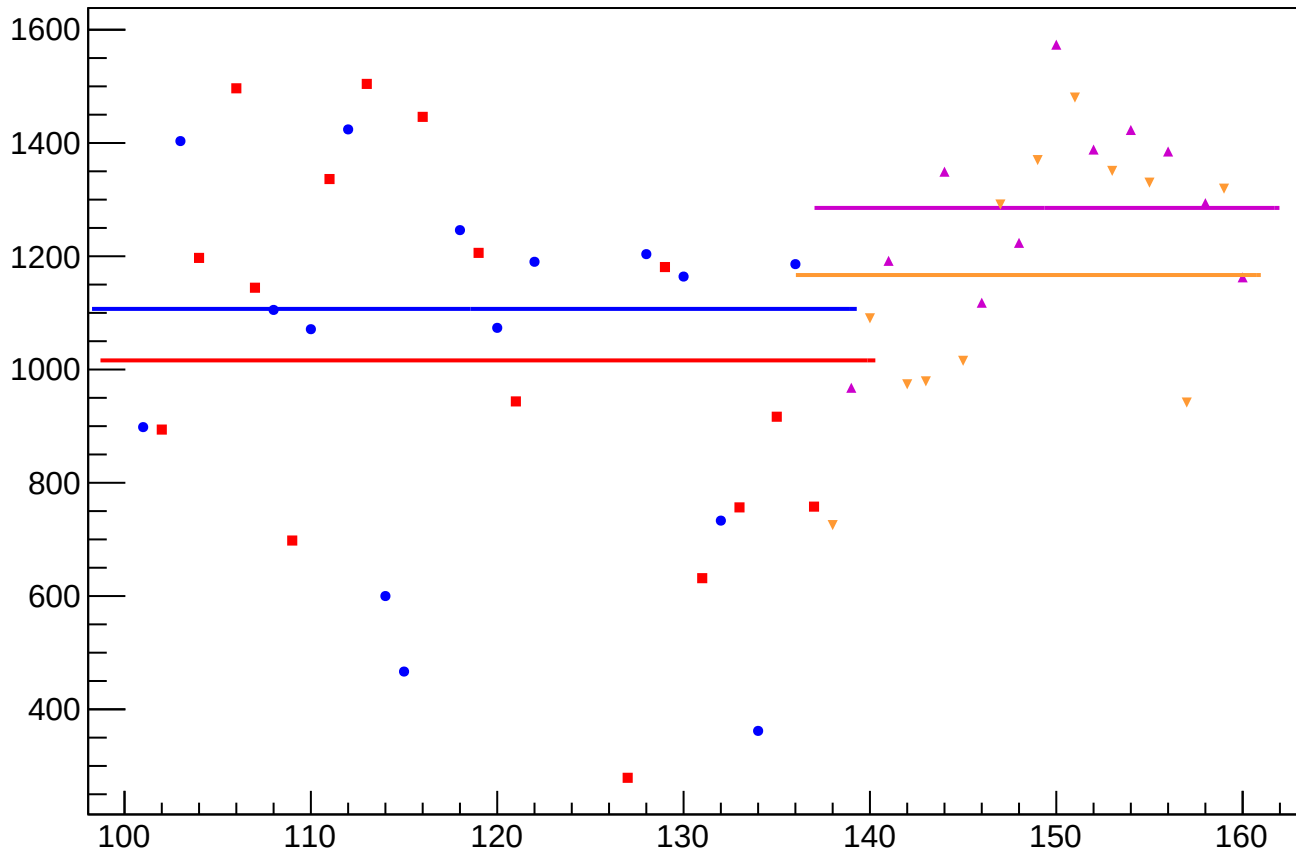
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

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

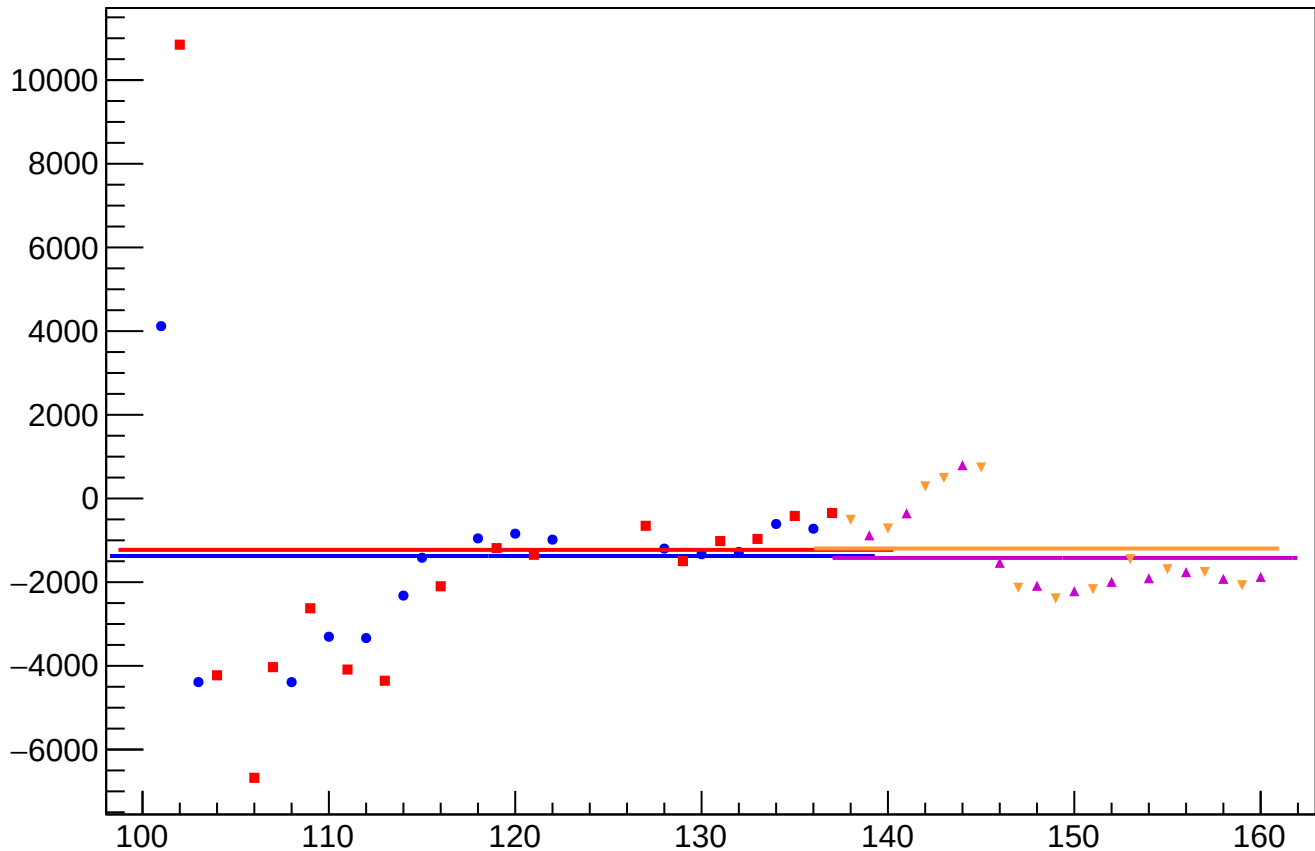
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ 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

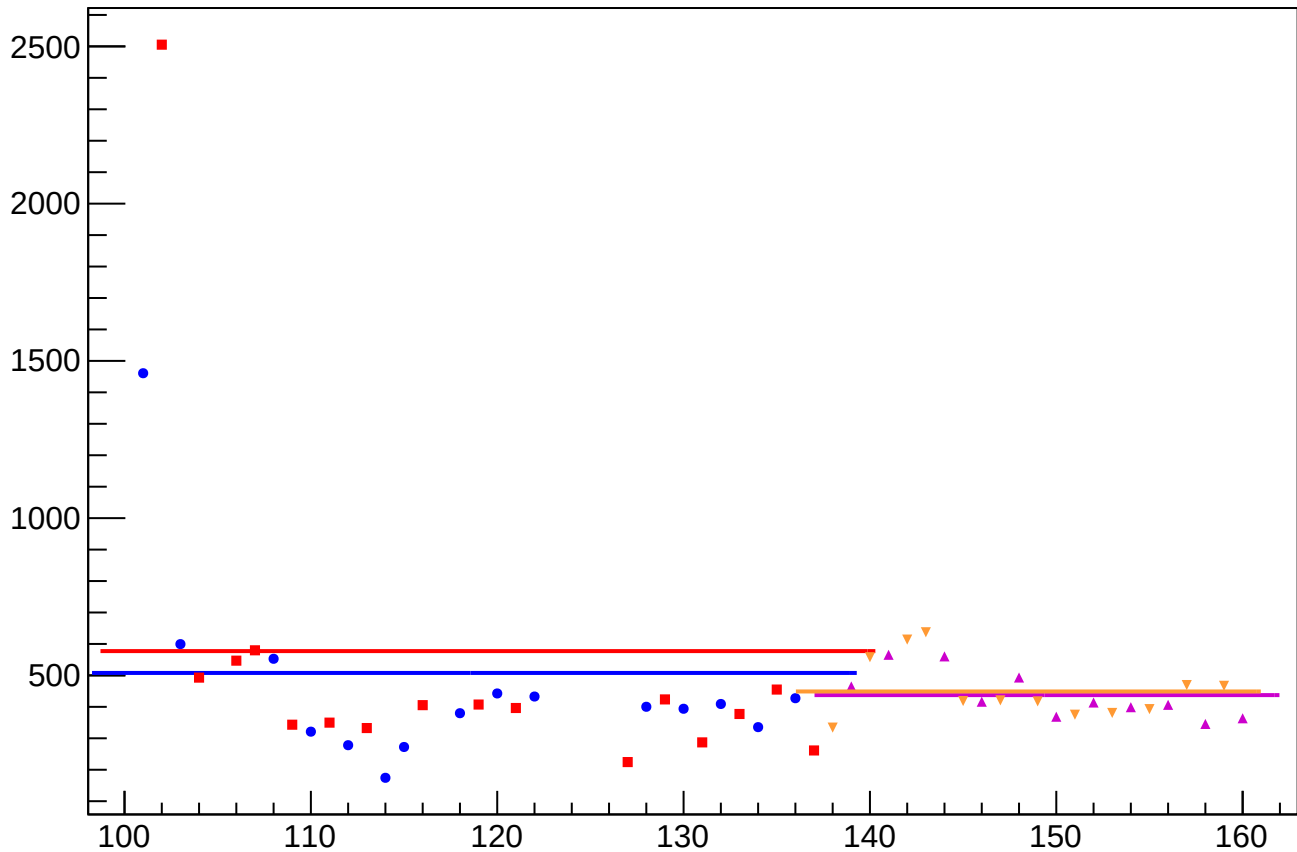
dit_atr1_coil4_mean vs Slug



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

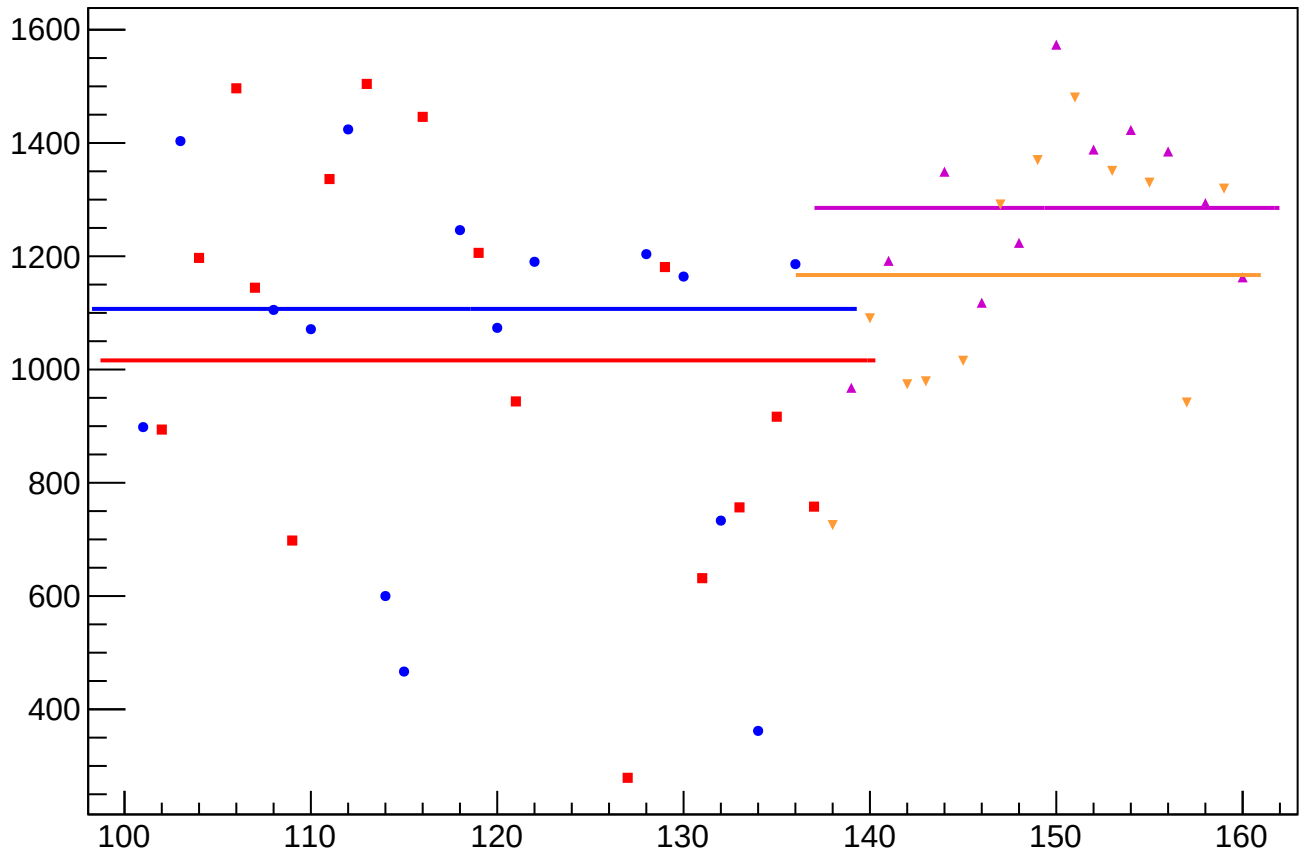
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

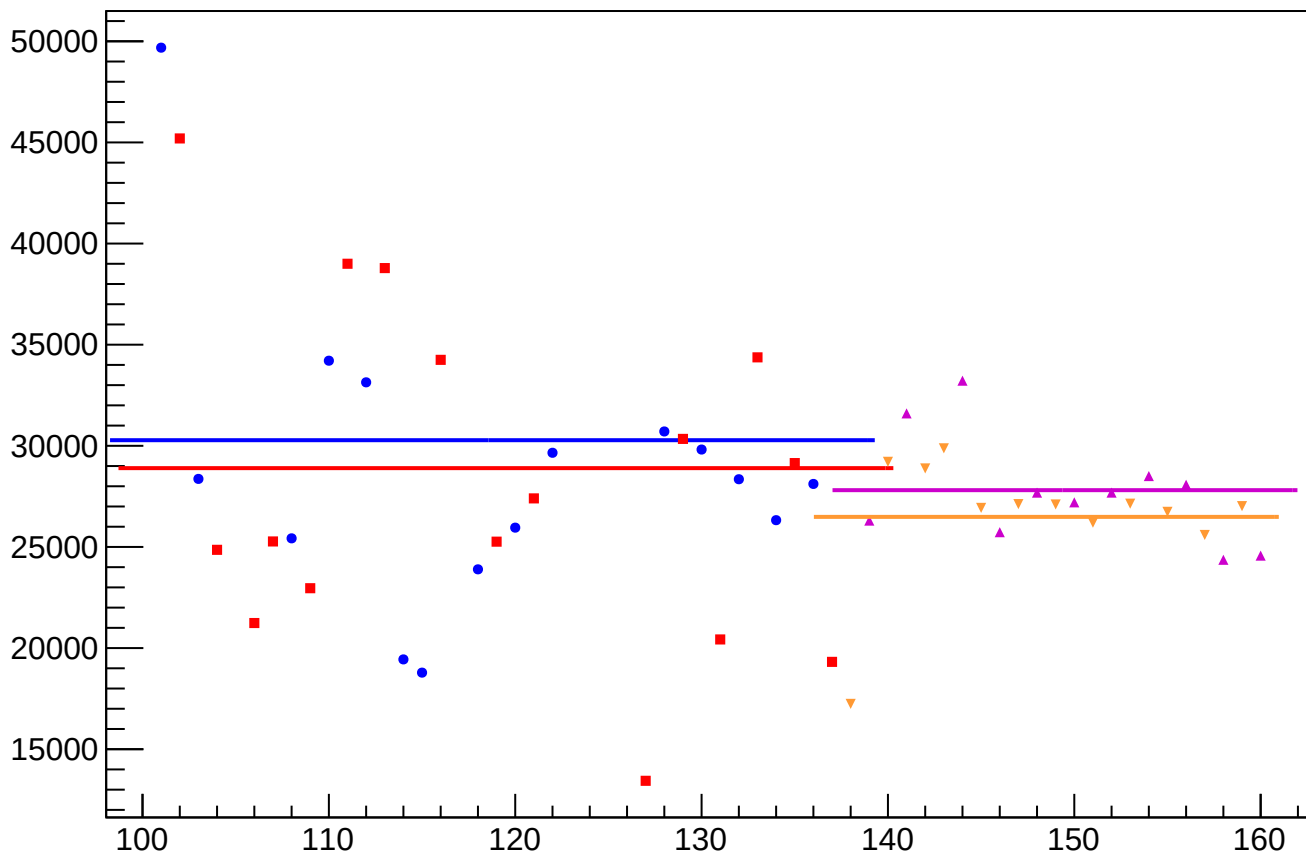
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

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

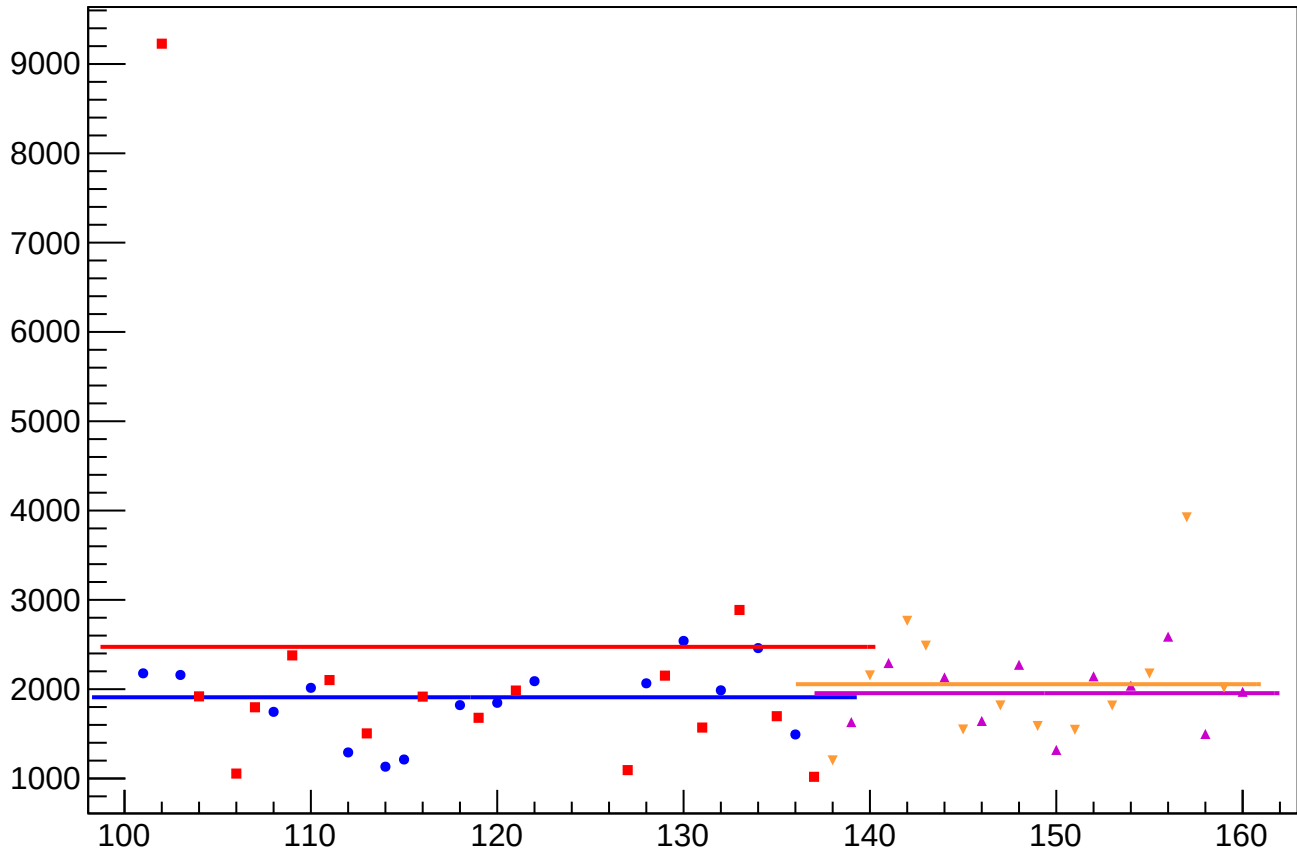
dit_atr2_coil4_mean vs Slug



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

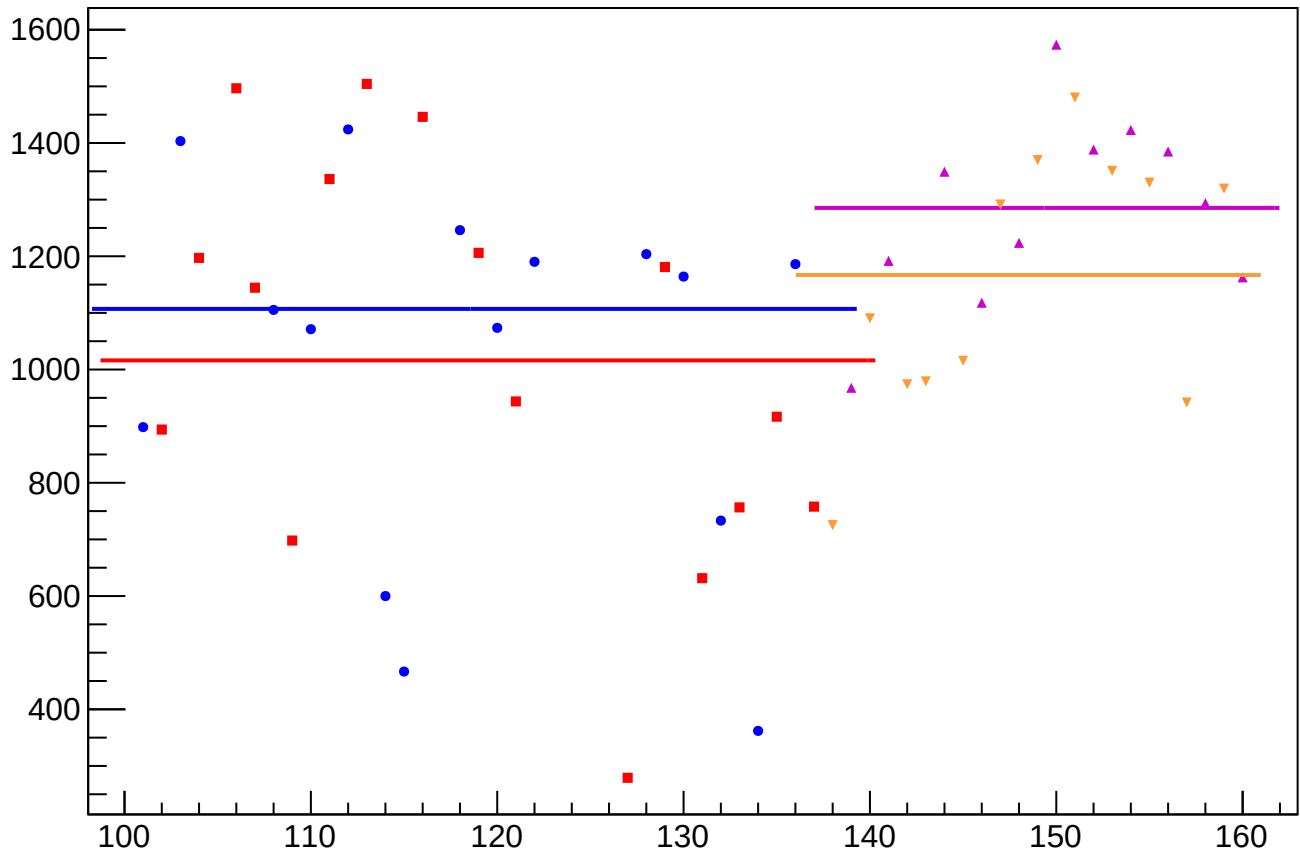
dit_atr2_coil4_err_mean vs Slug



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

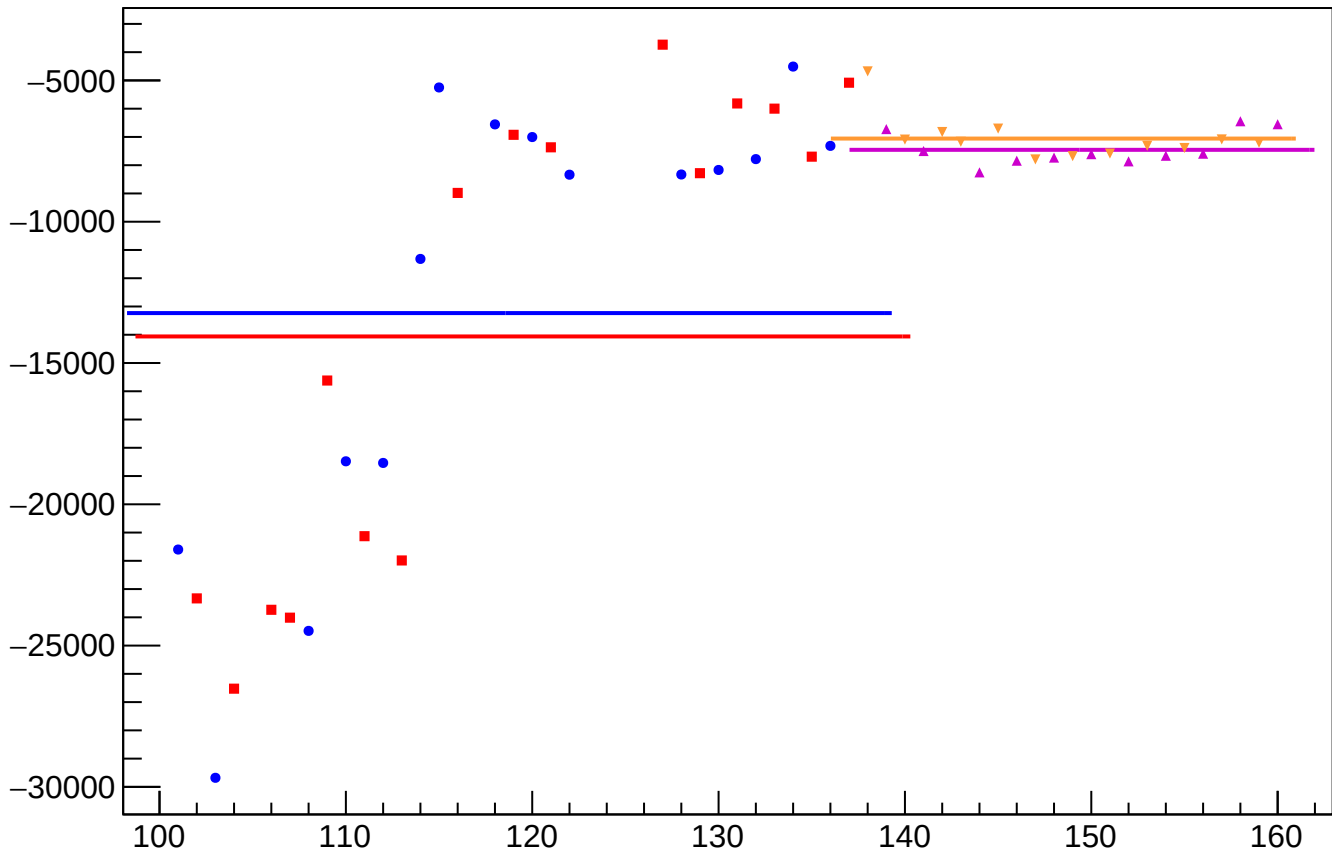
+ sign 1995.018+/-0.000 χ^2/NDF : 53377625694473
 All: 2084.675+/-0.000 χ^2/NDF : 38237081973
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



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_sam1_coil4_mean vs Slug



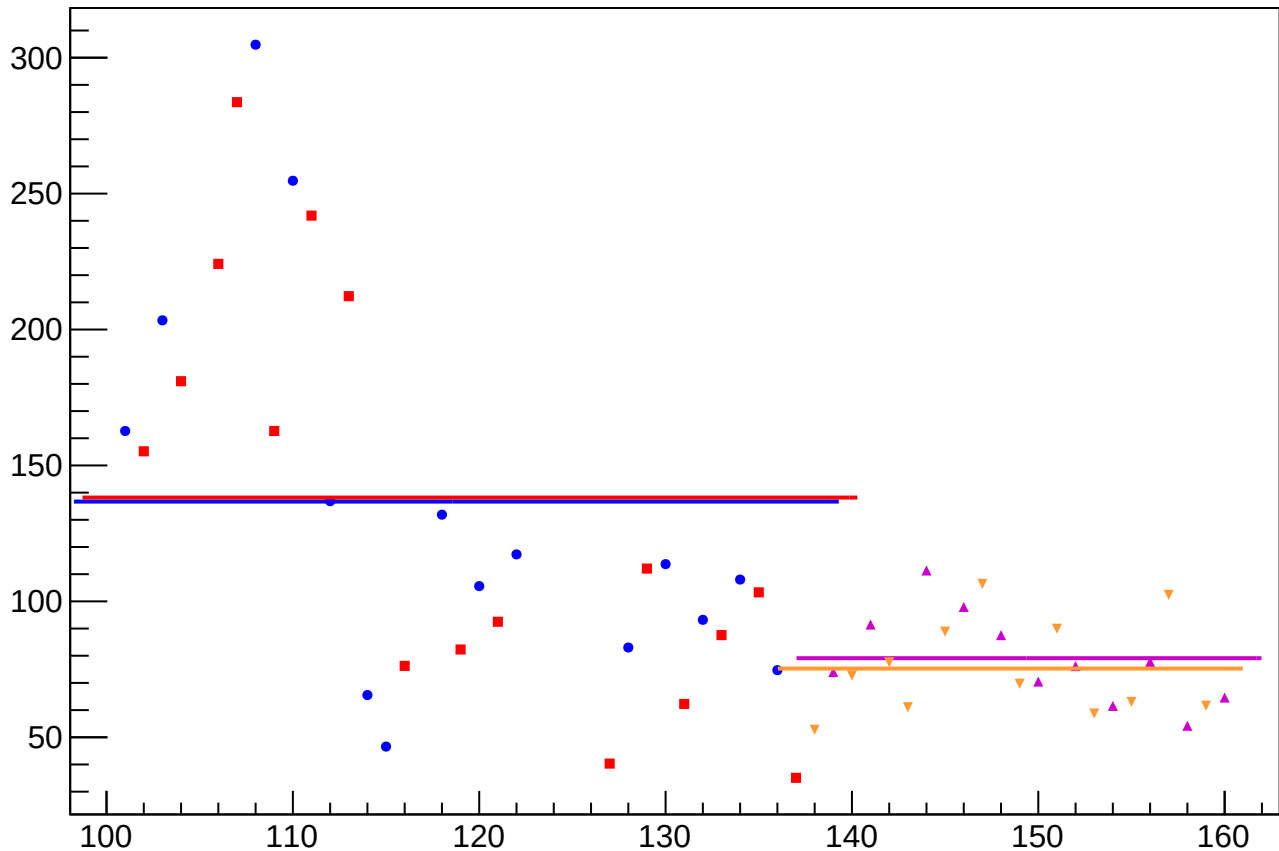
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

+ 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+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

Left Out: 75.280+/-0.000 χ^2/NDF : 271565230291715258223184233837363200.0/11

Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

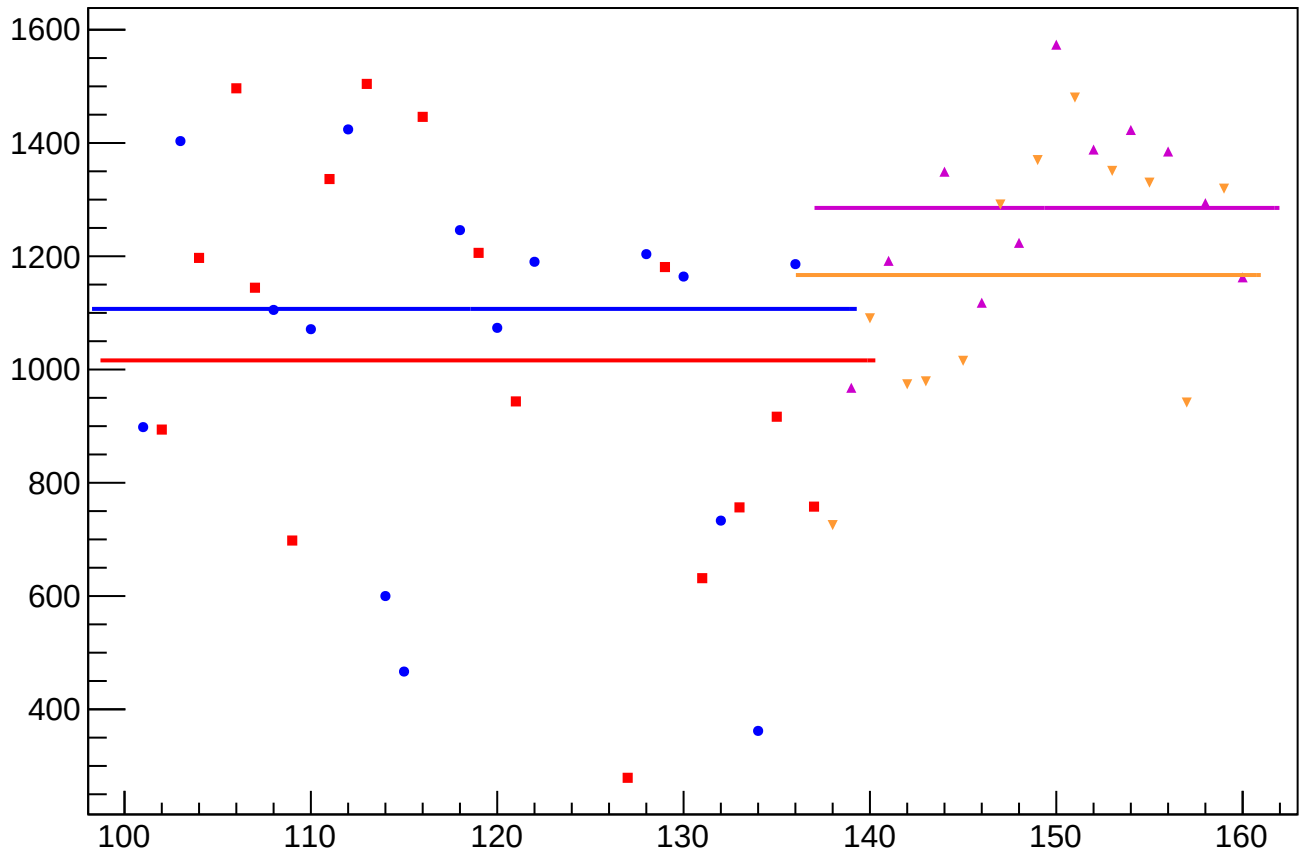
Left In: 79.096+/-0.000 χ^2/NDF : 243975342218114768326270780809674752.0/10

+ sign 100.788+/-0.000 χ^2/NDF : 439084065337808

All: 102.340+/-0.000 χ^2/NDF : 92254045368

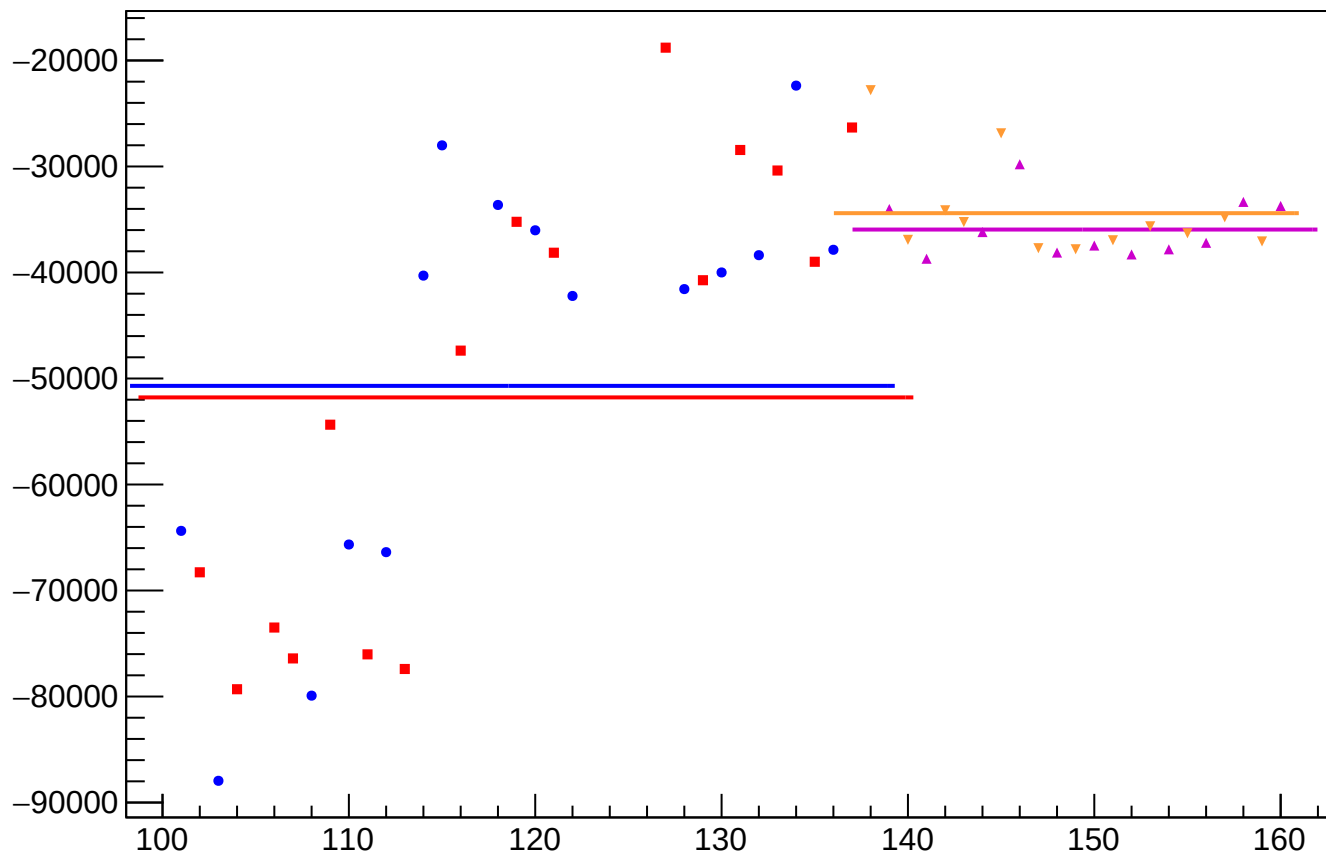
- sign 103.866+/-0.000 χ^2/NDF : 482709269231347

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

+ sign -41169.025+/-0.000 χ^2/NDF : 346153436808

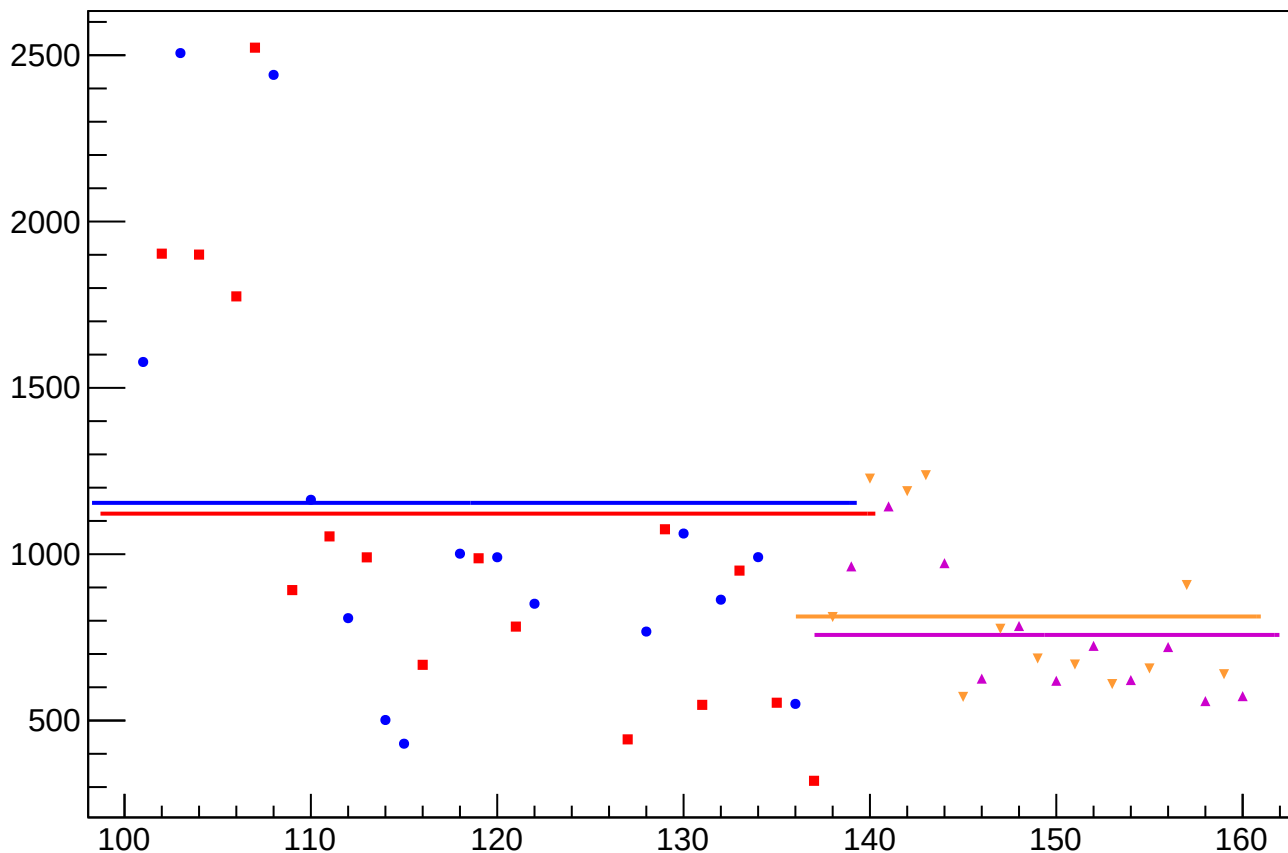
Right Out: -51783.912+/-0.000

All: -41884.763+/-0.000 χ^2/NDF : 733189271

Left In: -35949.660+/-0.000

- sign -42587.904+/-0.000 χ^2/NDF : 3854485377902

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

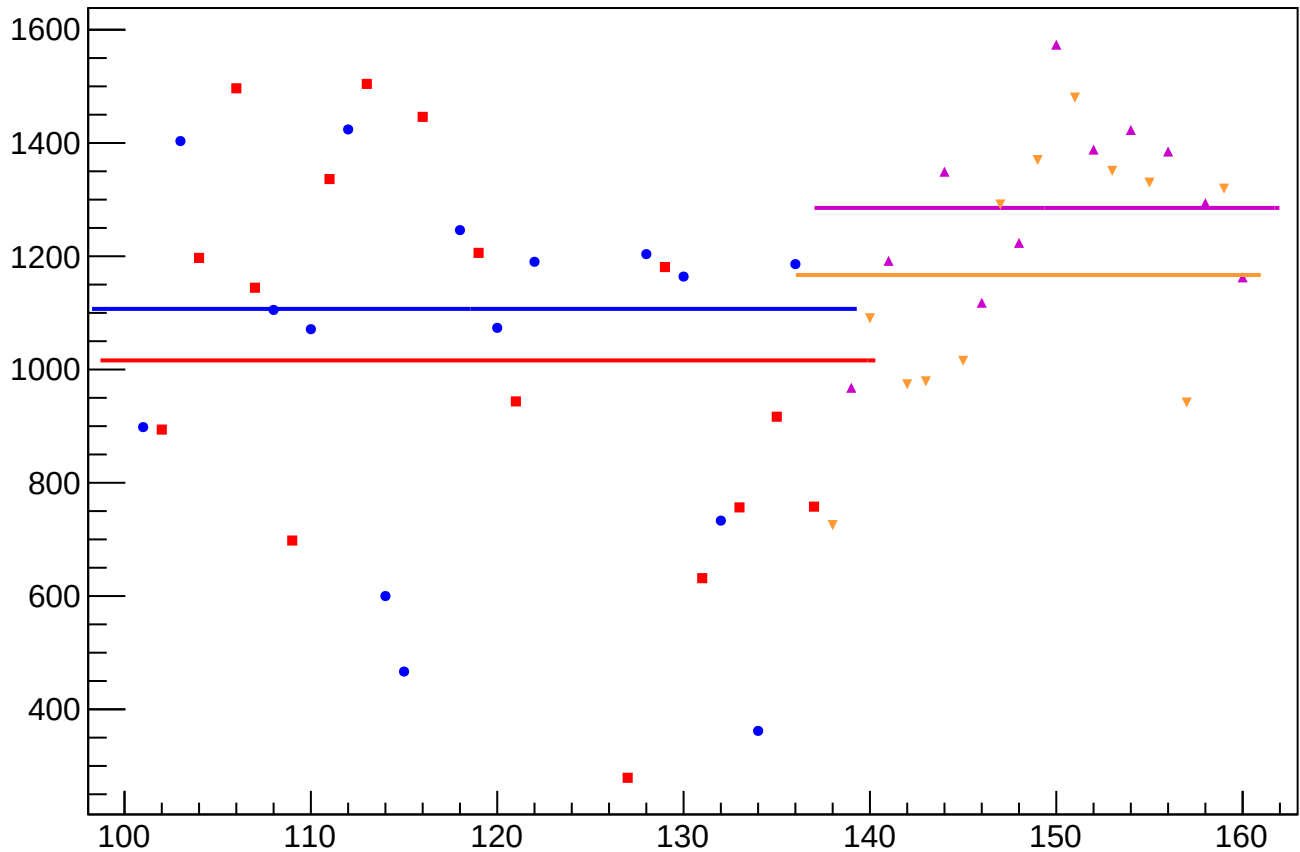
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

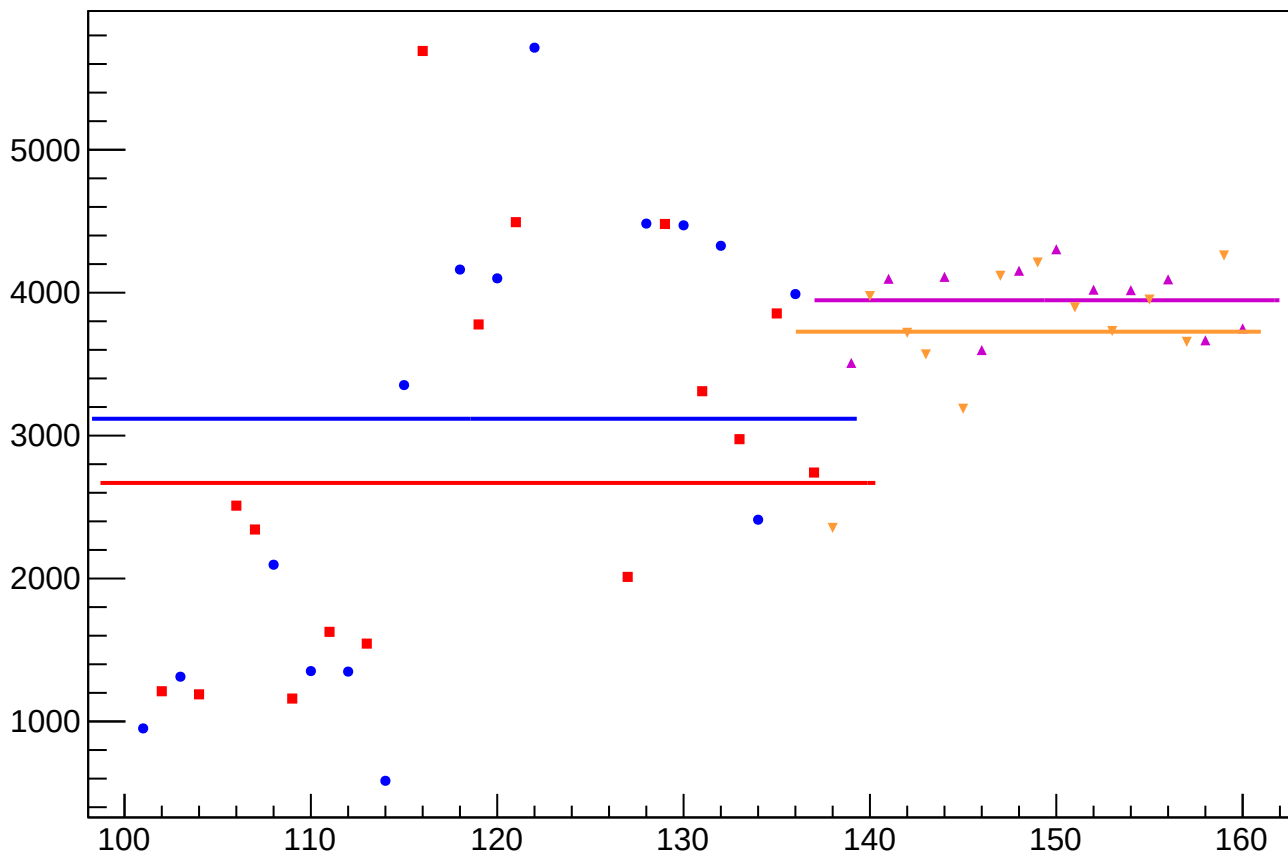
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



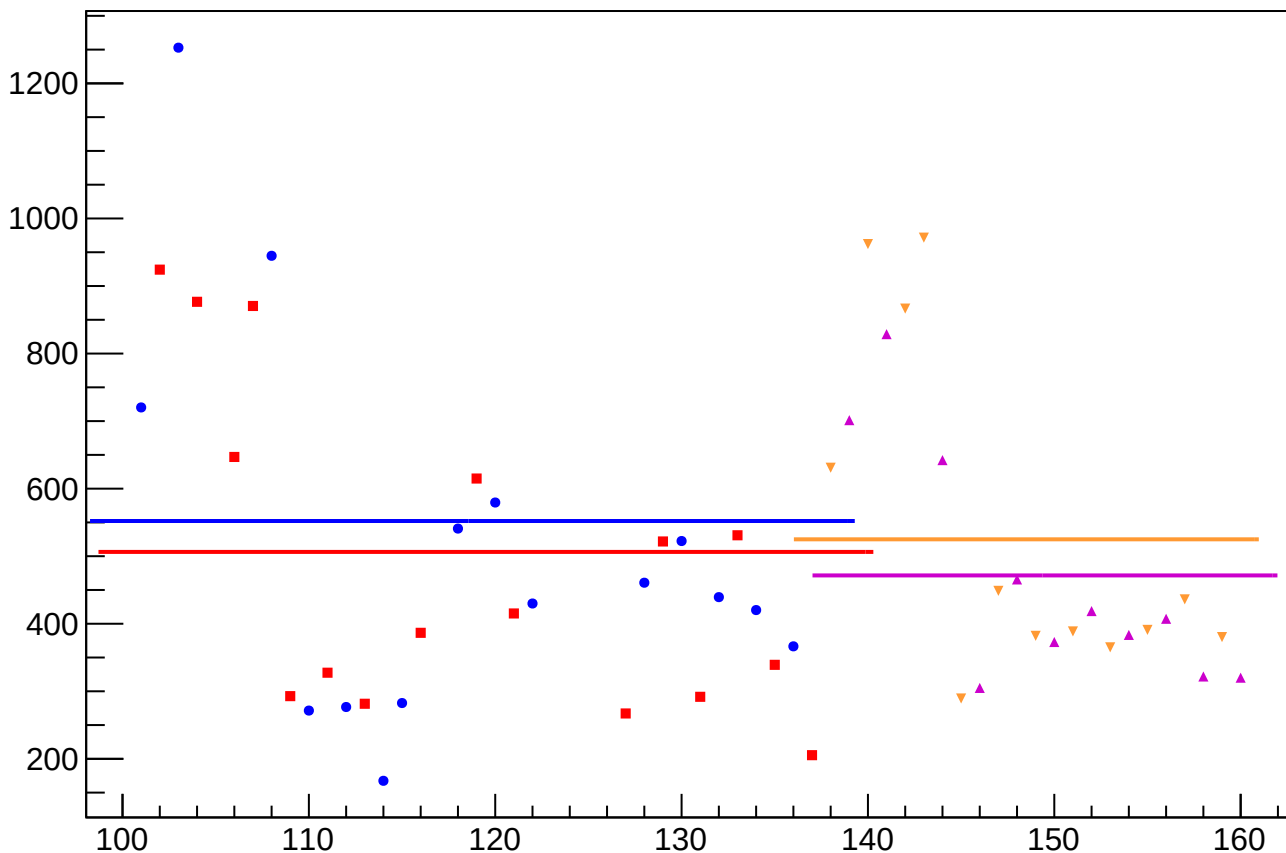
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_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

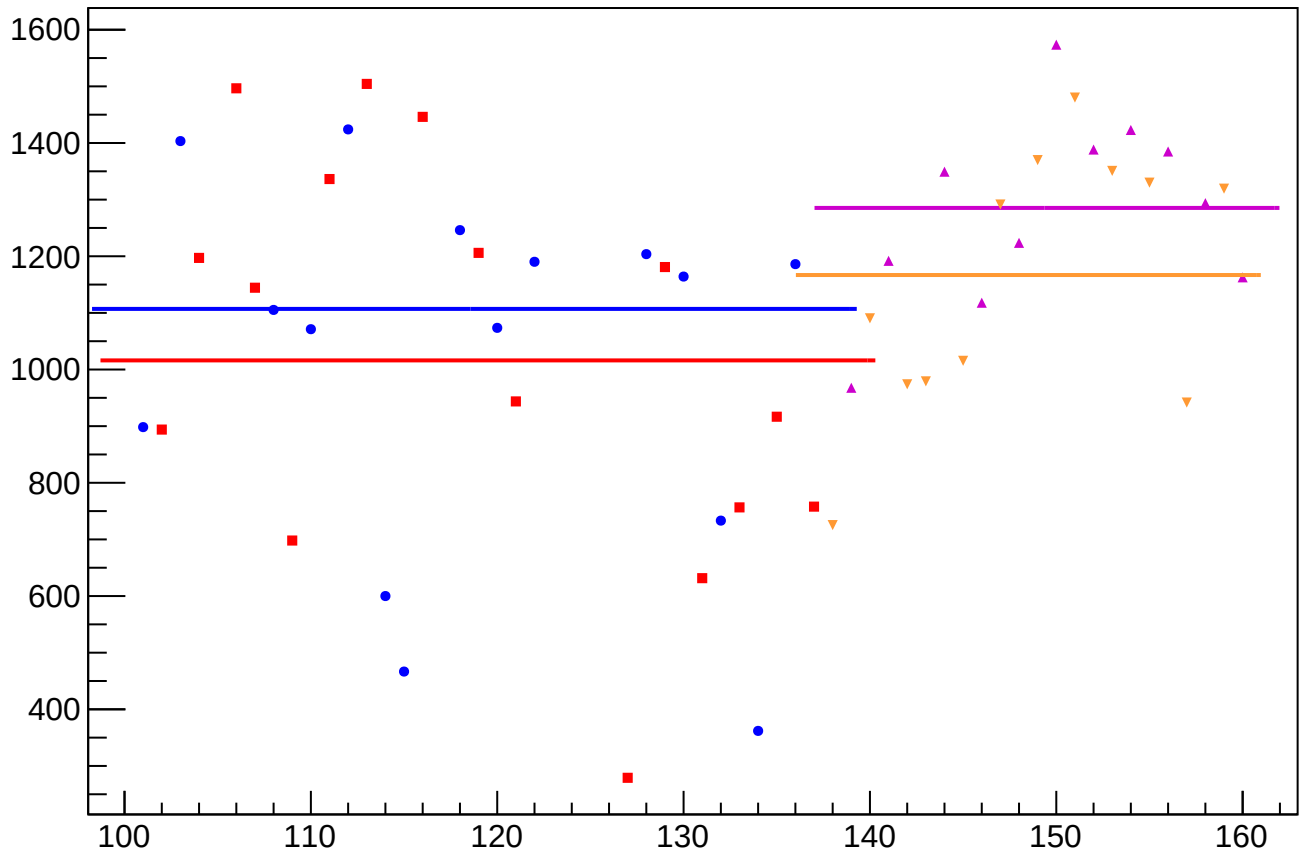
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

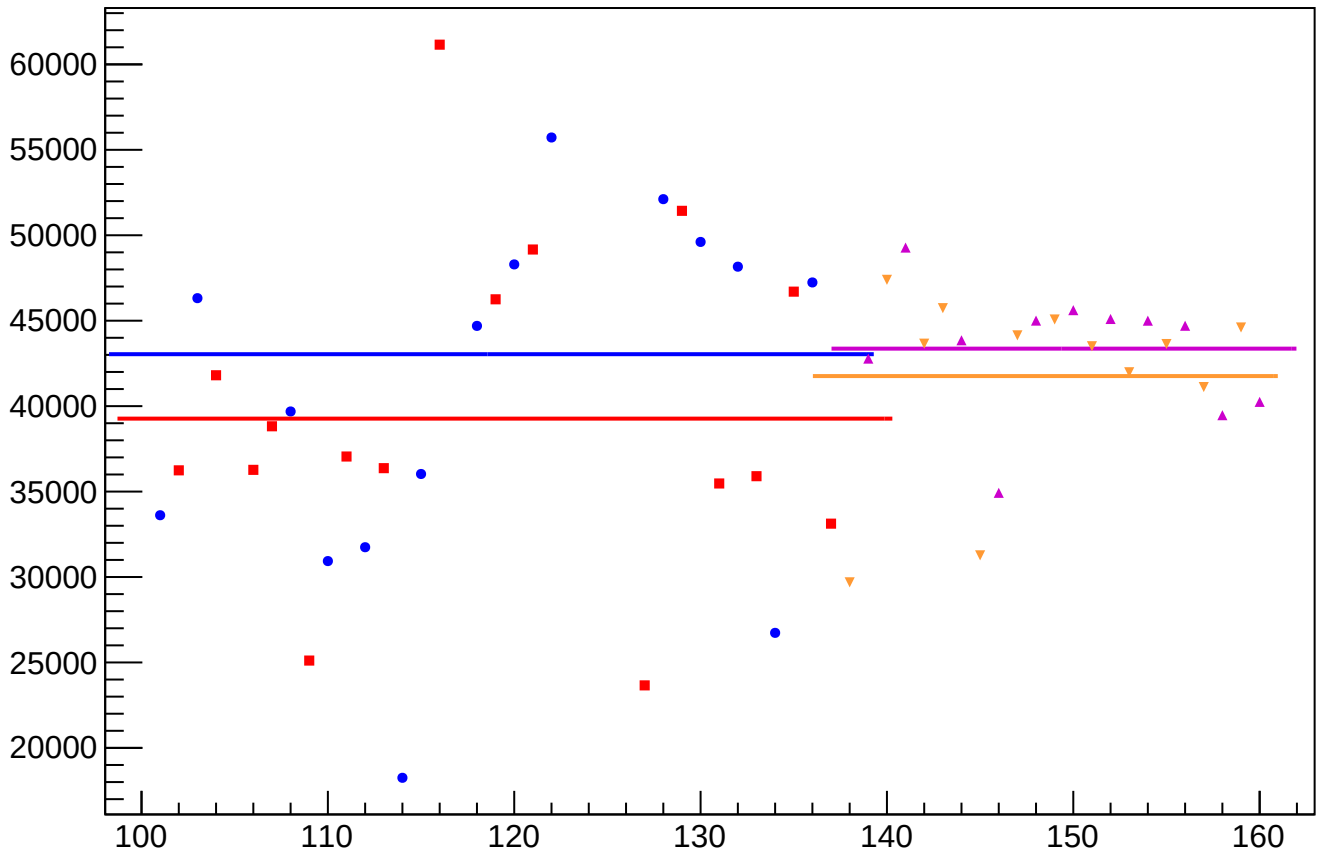
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

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
 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

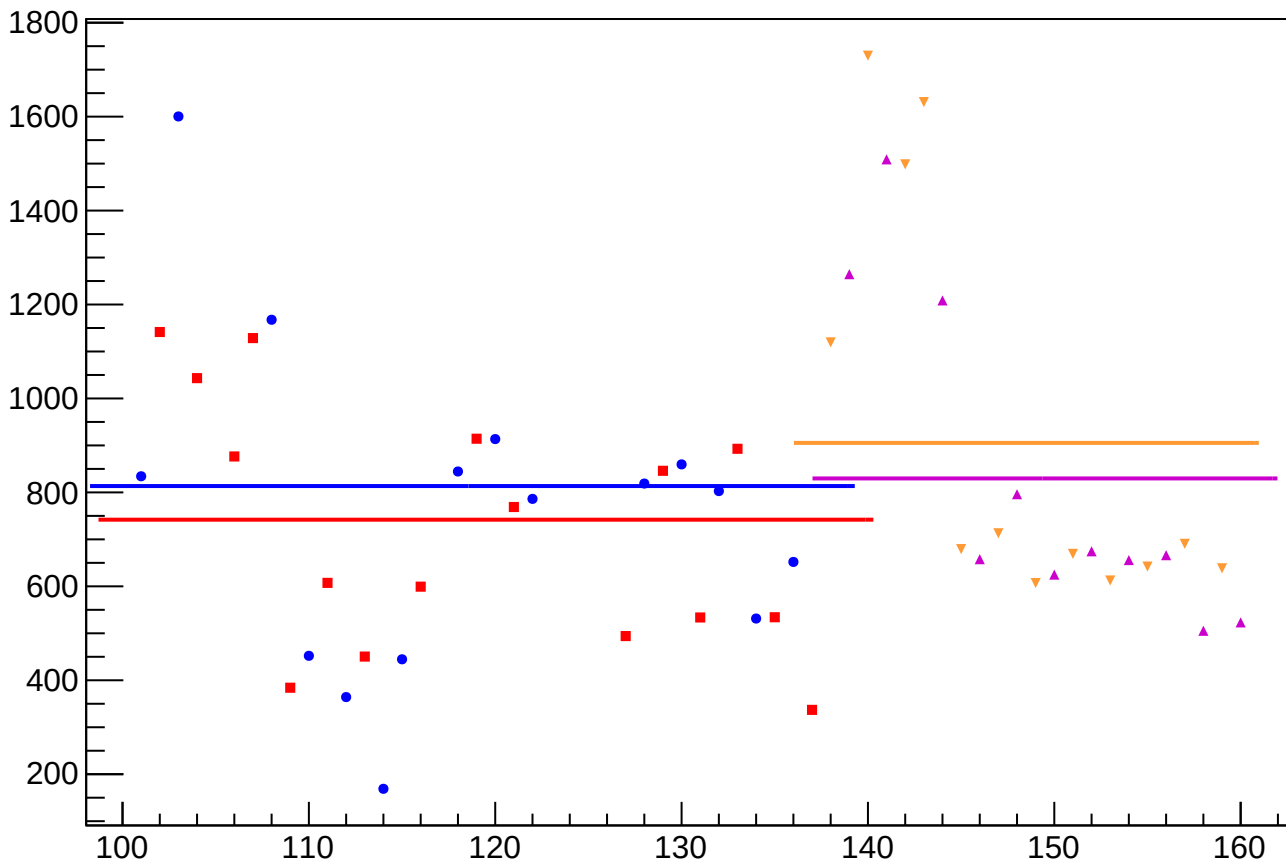
dit_sam4_coil4_mean vs Slug



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



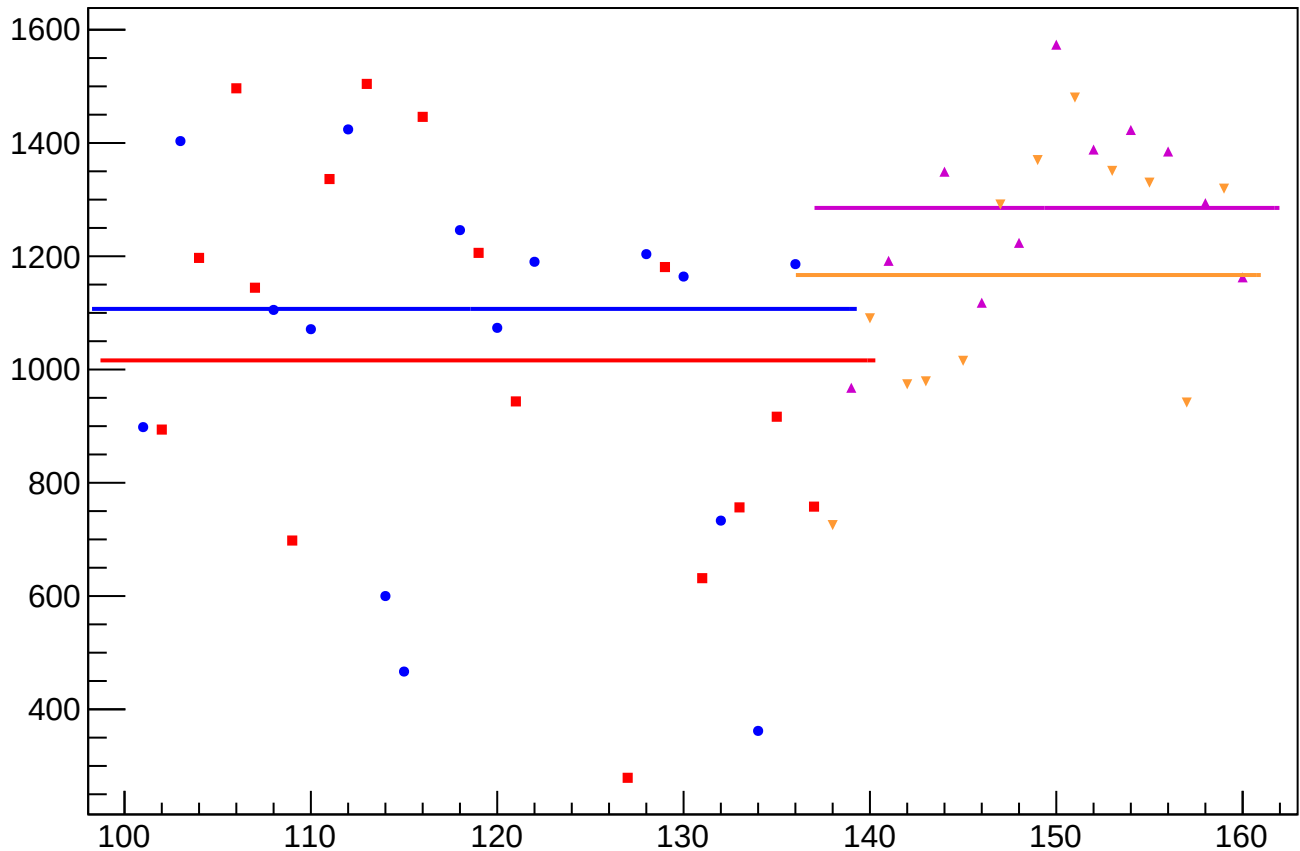
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

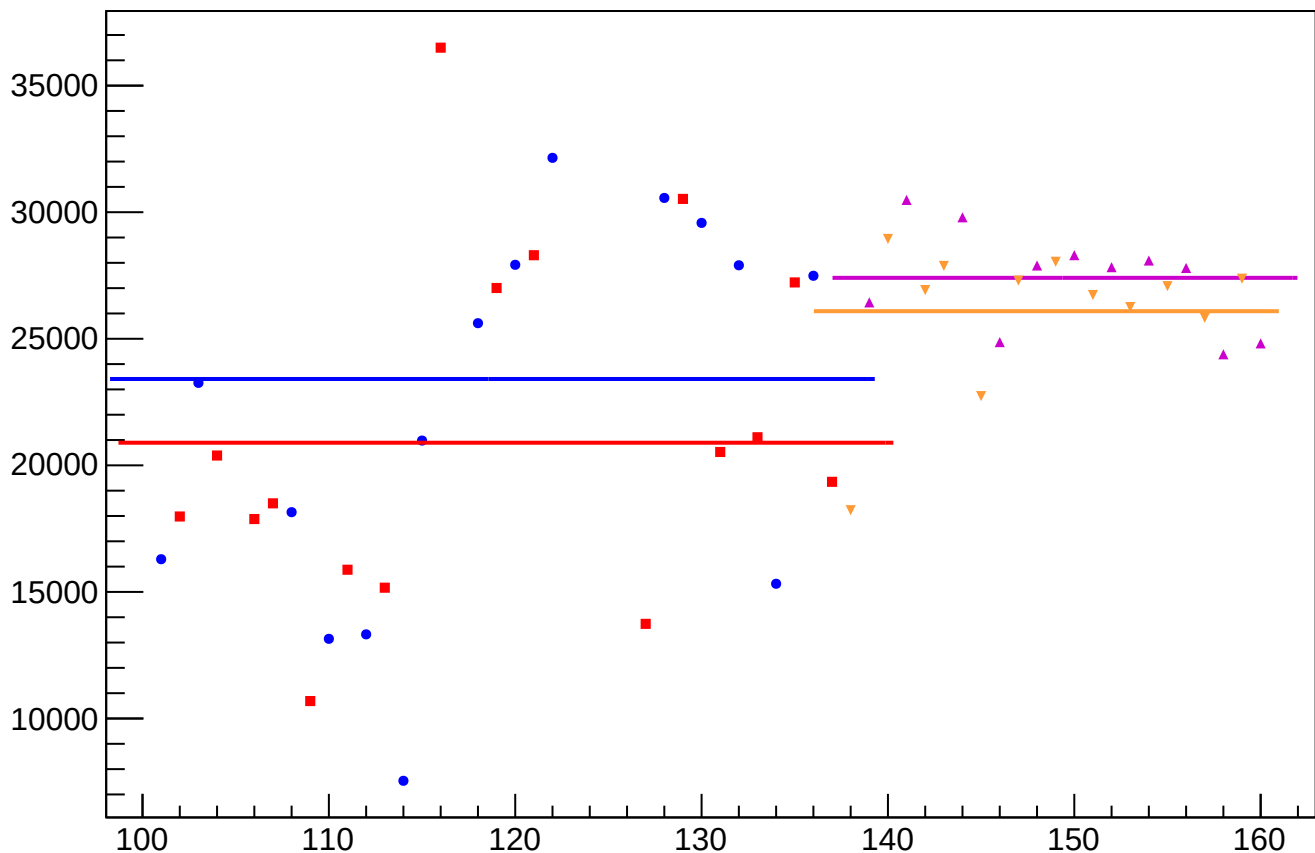
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

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

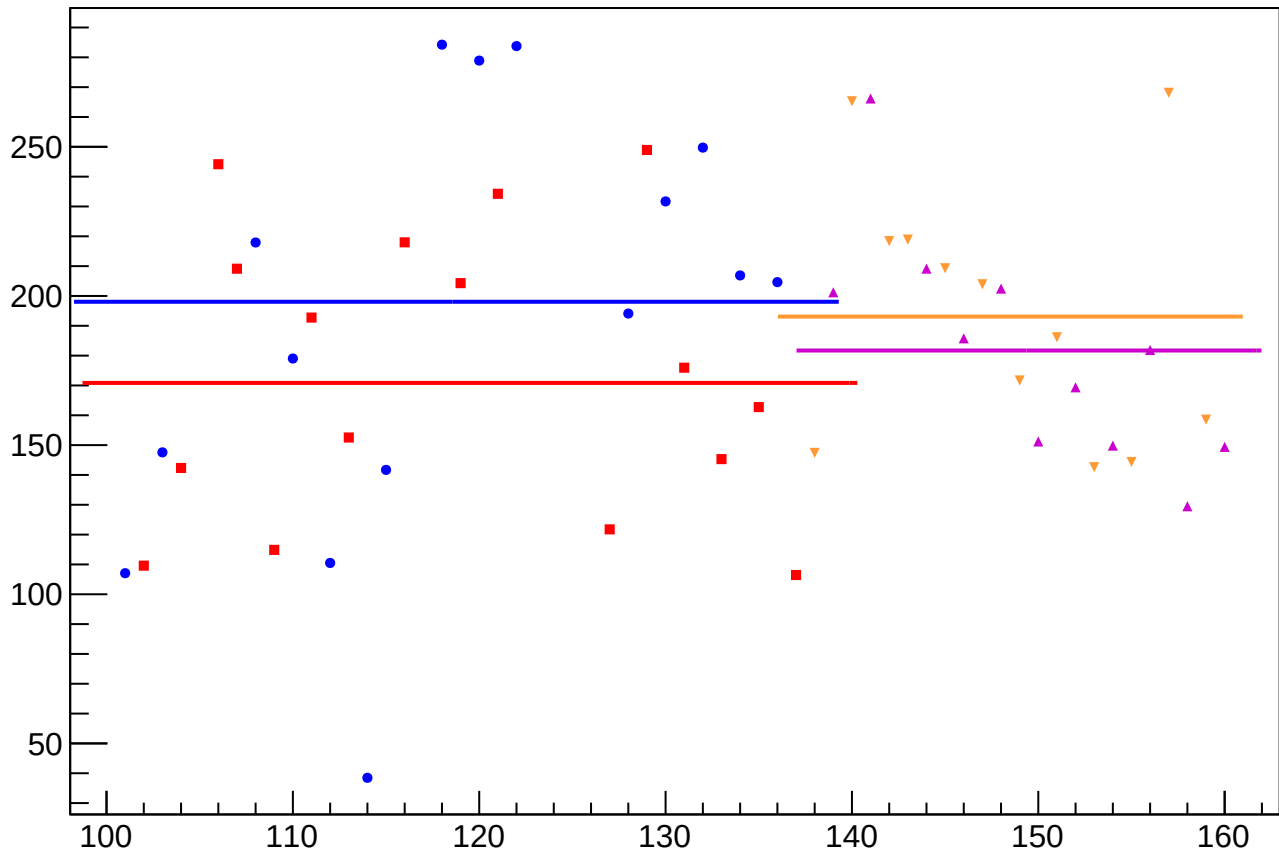
dit_sam5_coil4_mean vs Slug



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



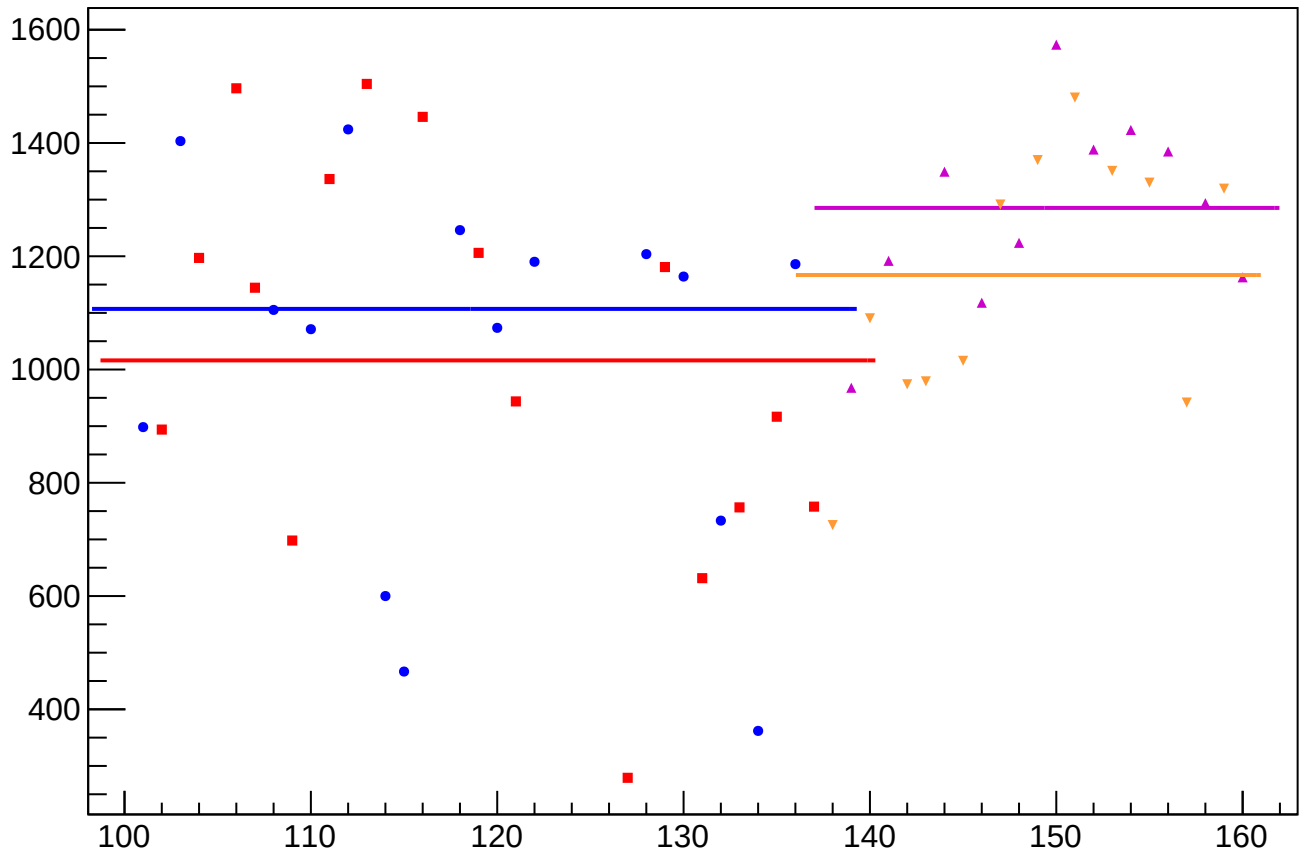
Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

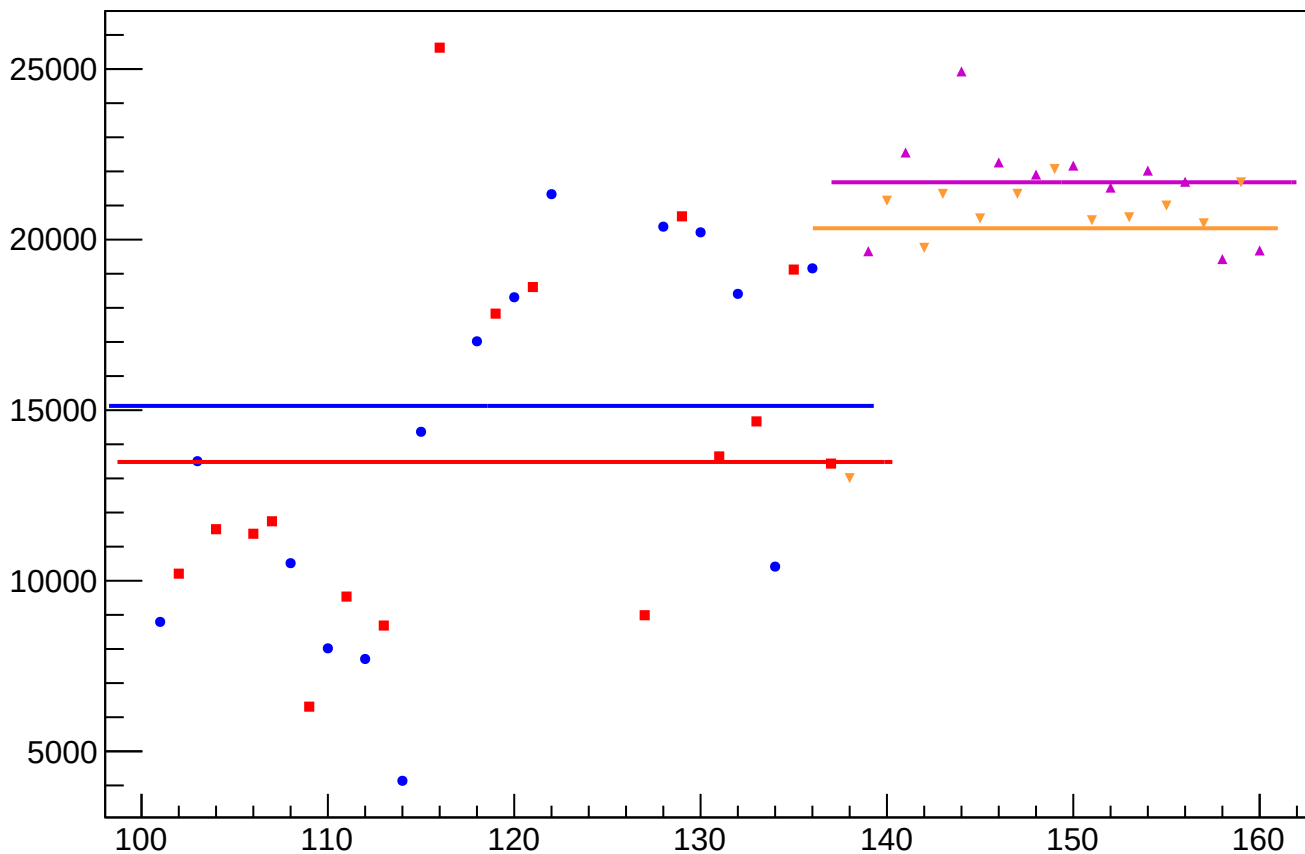
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

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
 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

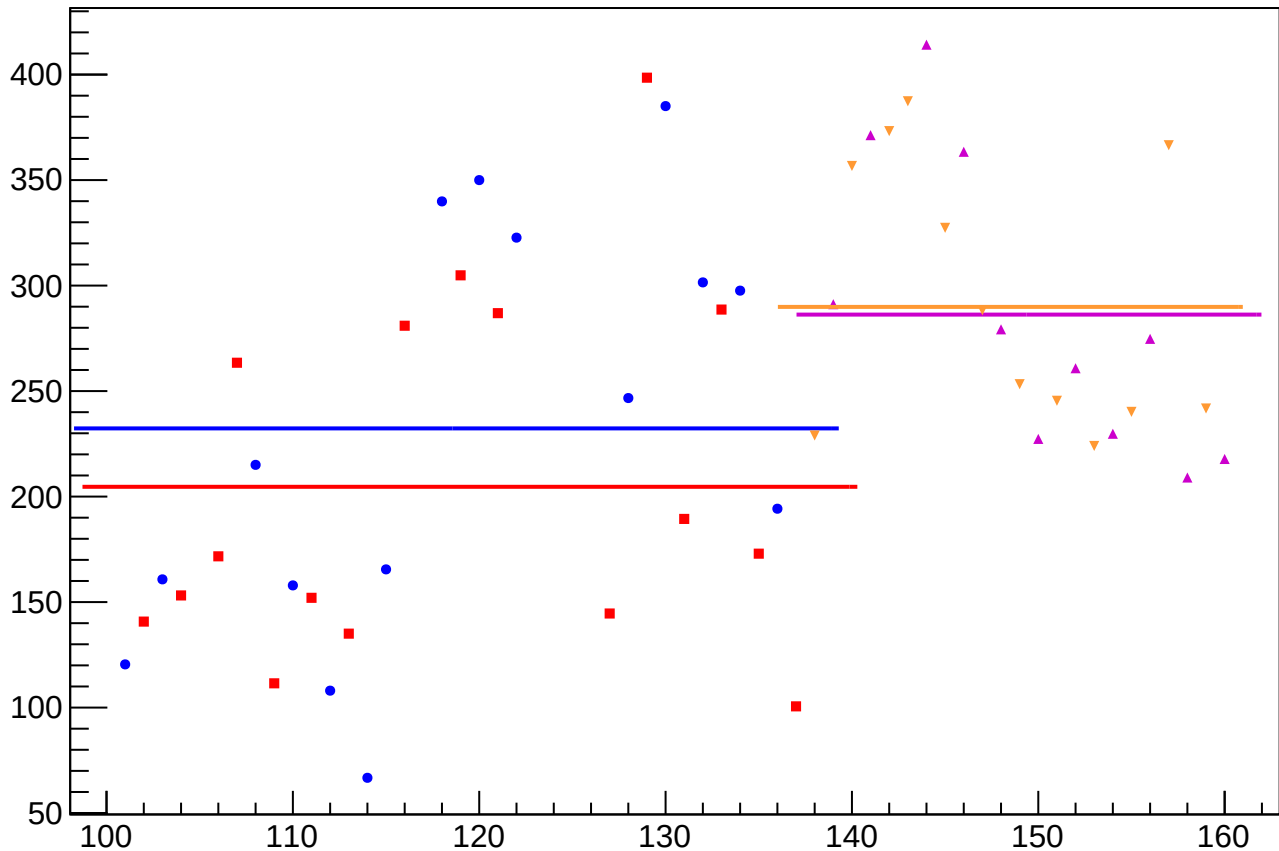
dit_sam6_coil4_mean vs Slug



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

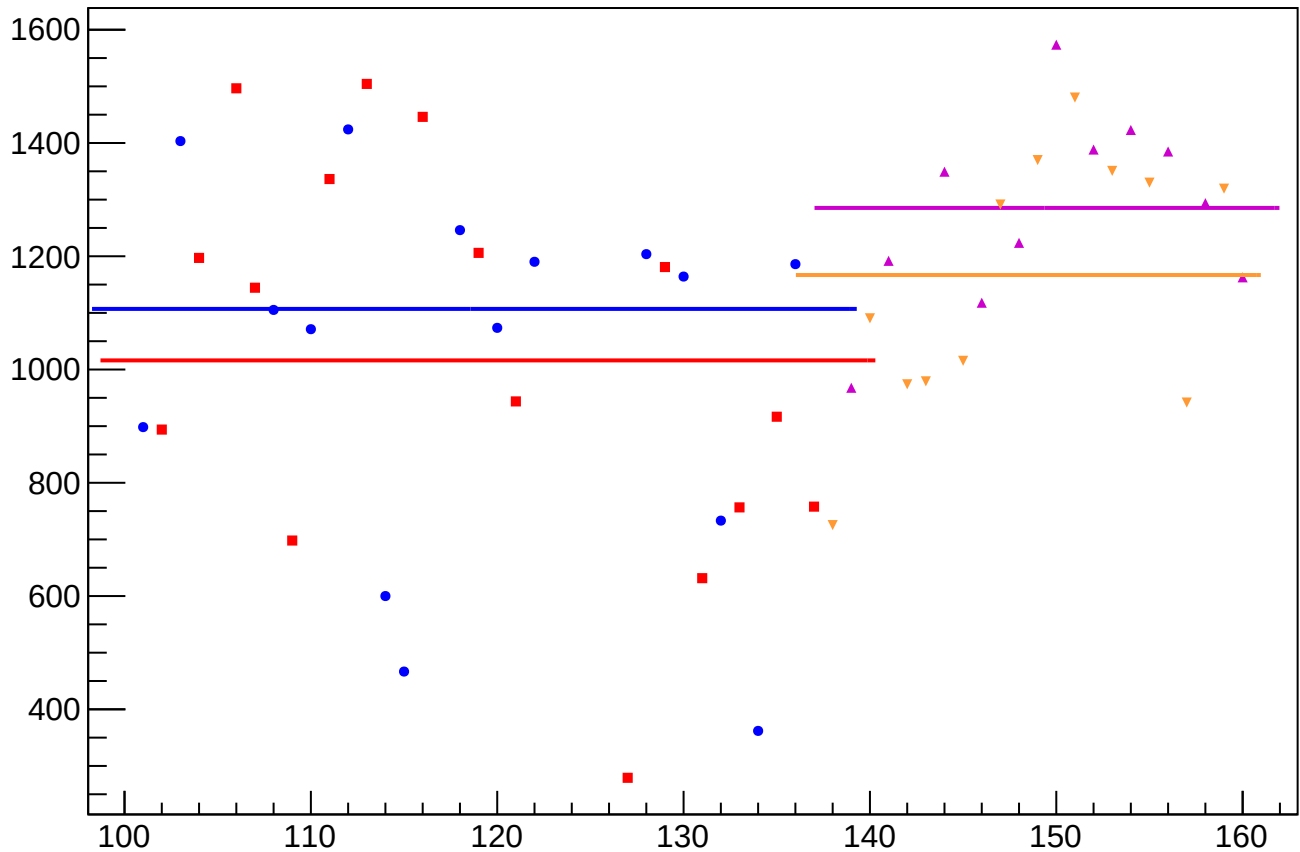
+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

dit_sam6_coil4_err_mean vs Slug



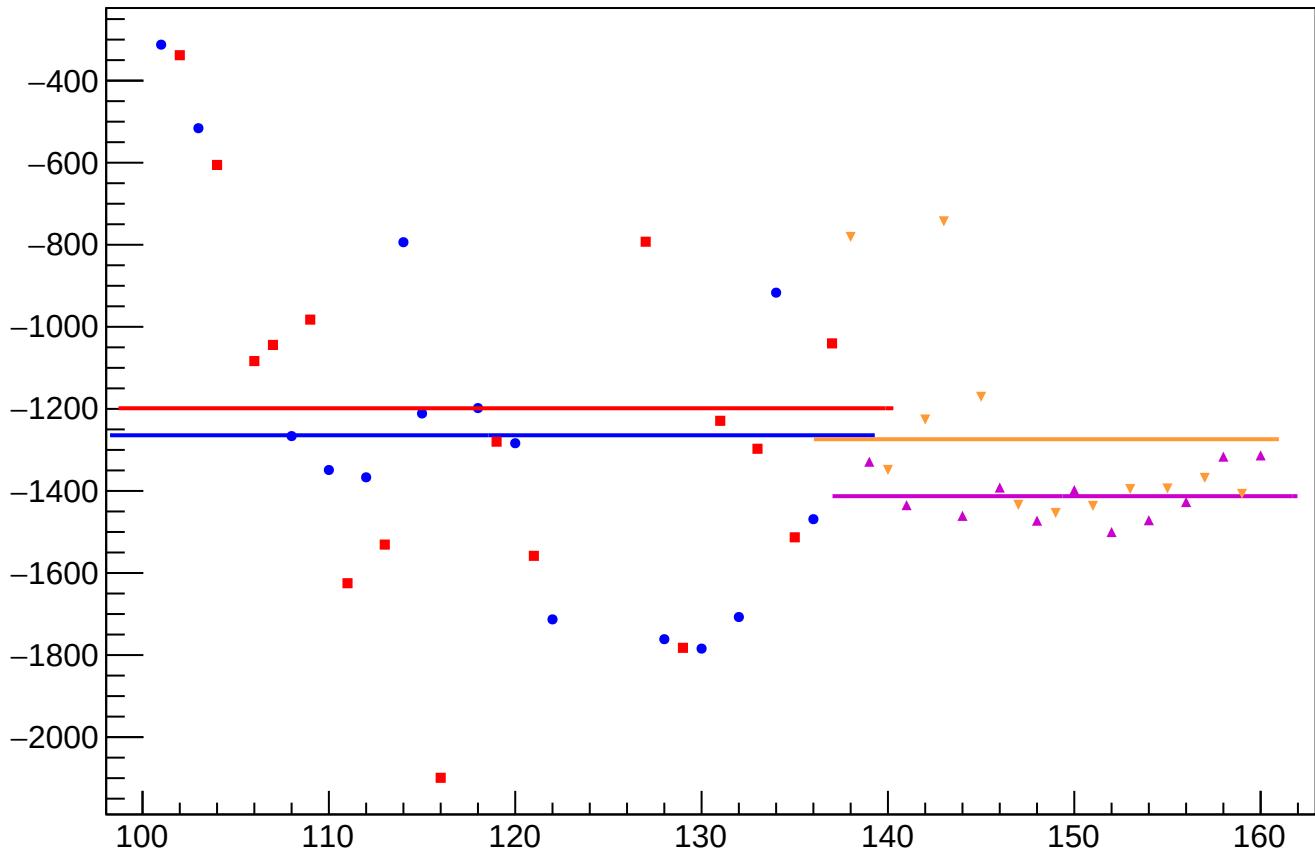
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 289.897+/-0.000 χ^2/NDF : 3202390993231935504147250998086205440.0/11
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 286.246+/-0.000 χ^2/NDF : 4067110443230234744644750983181631488.0/10

dit_sam6_coil4_Ndata_mean vs Slug



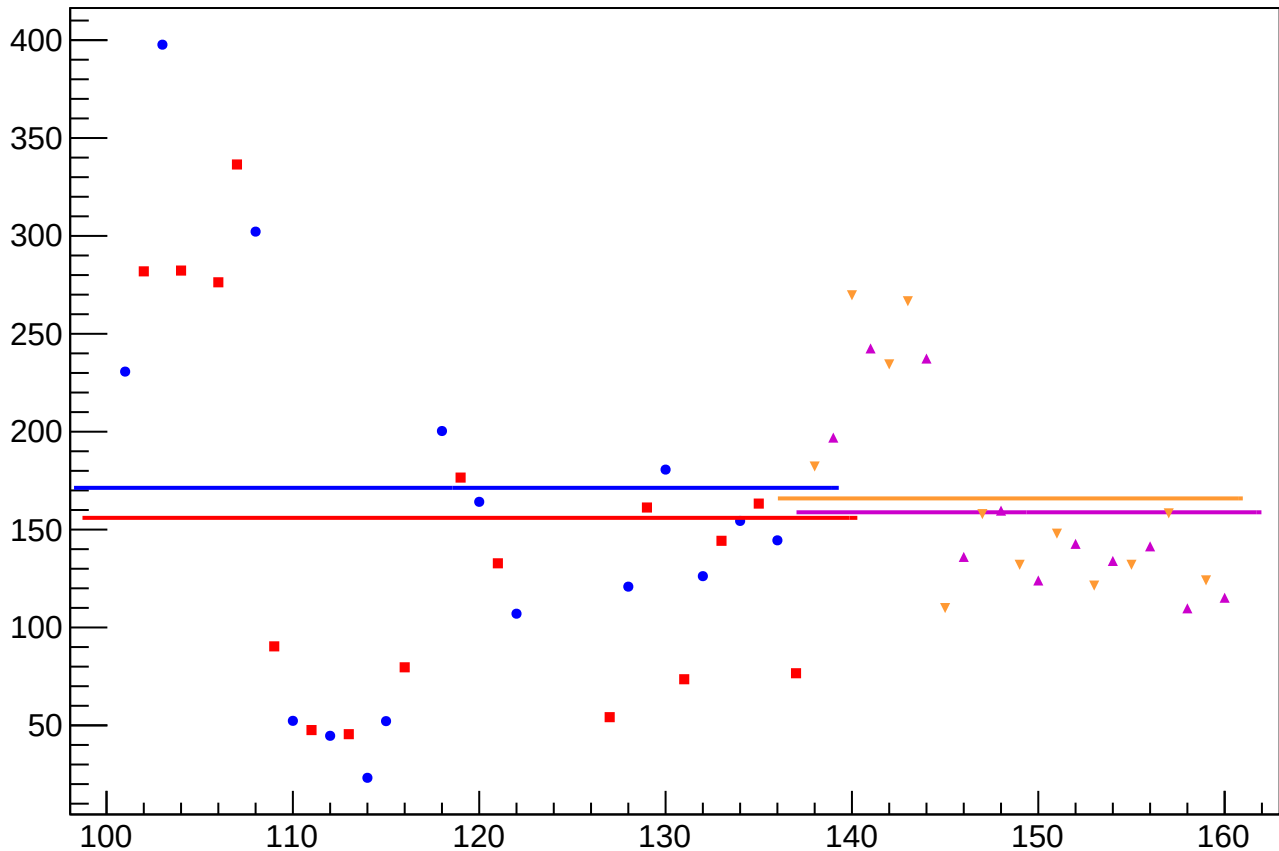
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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



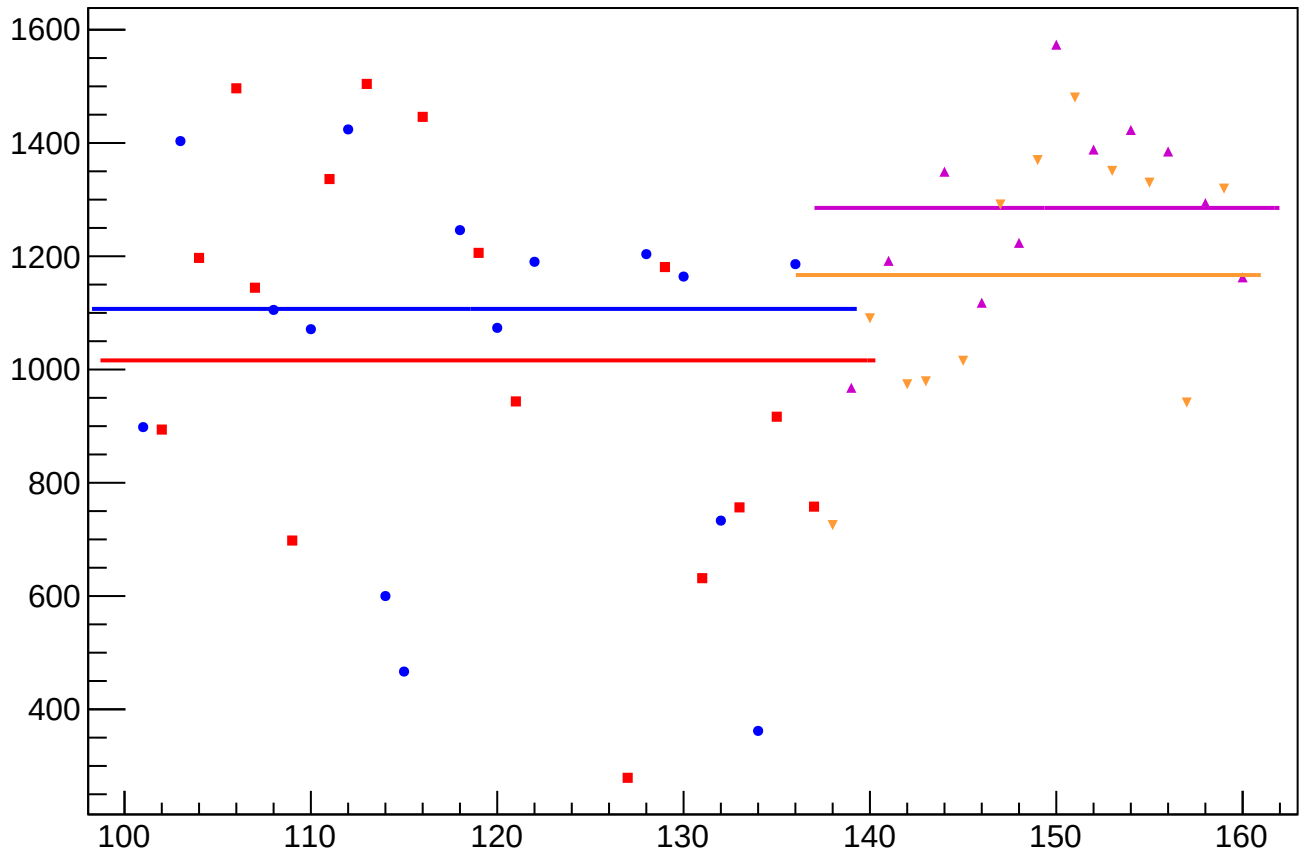
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10
 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

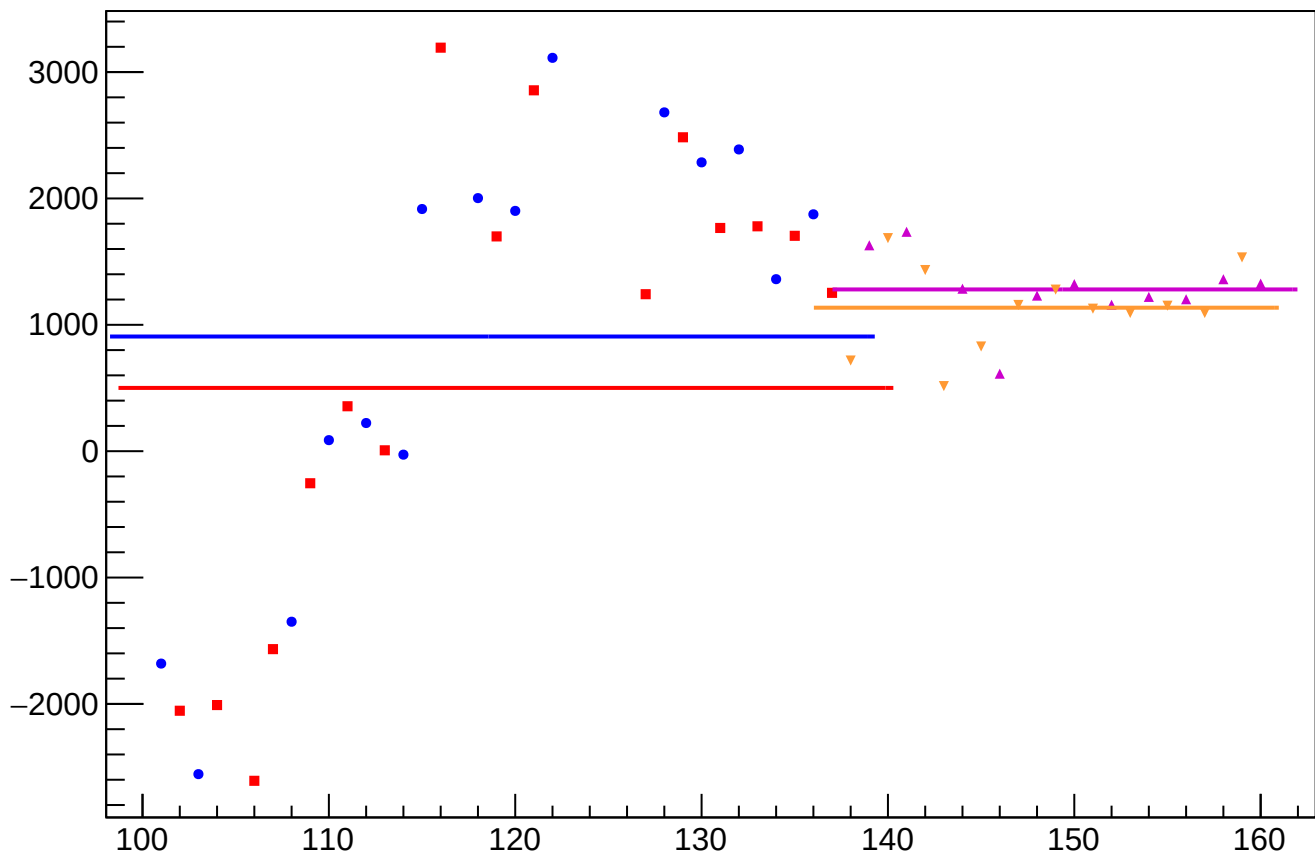


Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_coil4_Ndata_mean vs Slug



dit_sam8_coil4_mean vs Slug



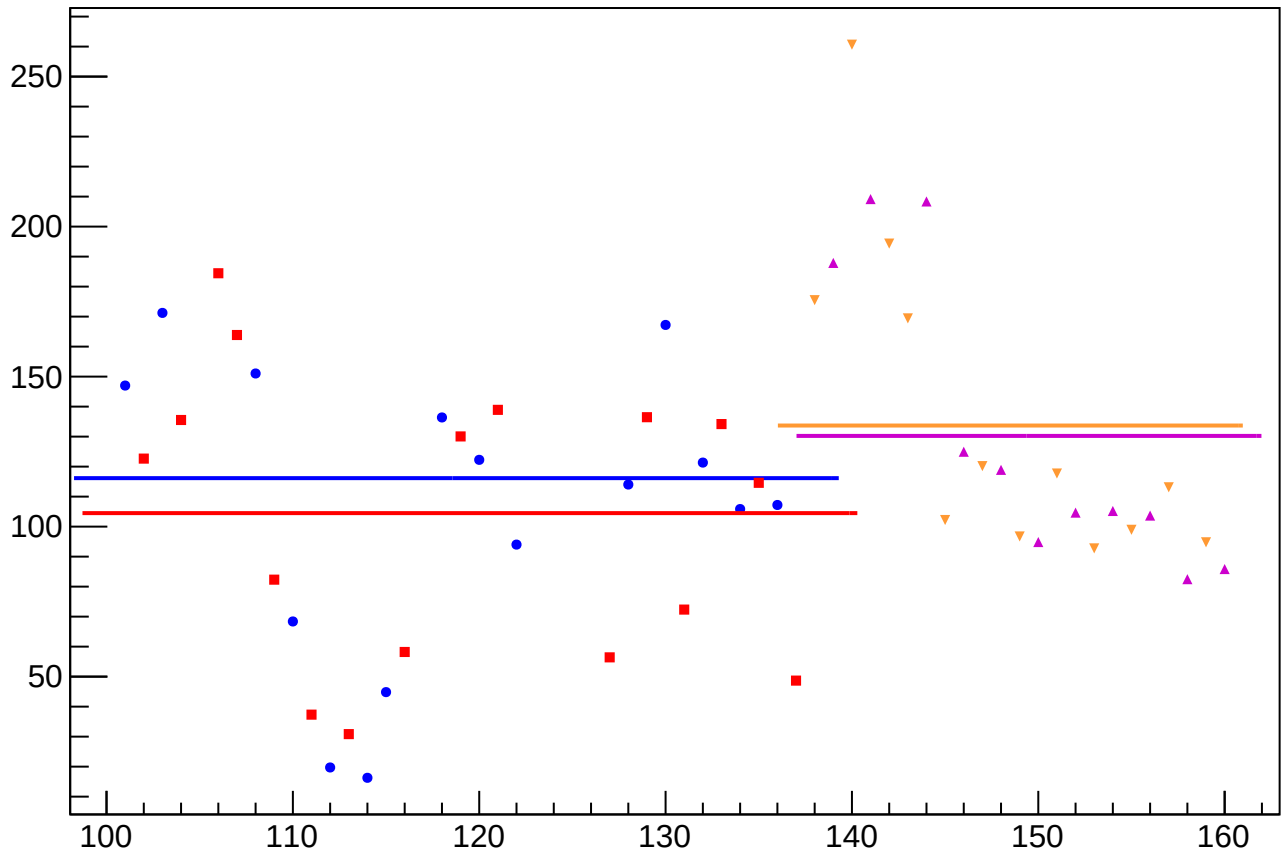
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

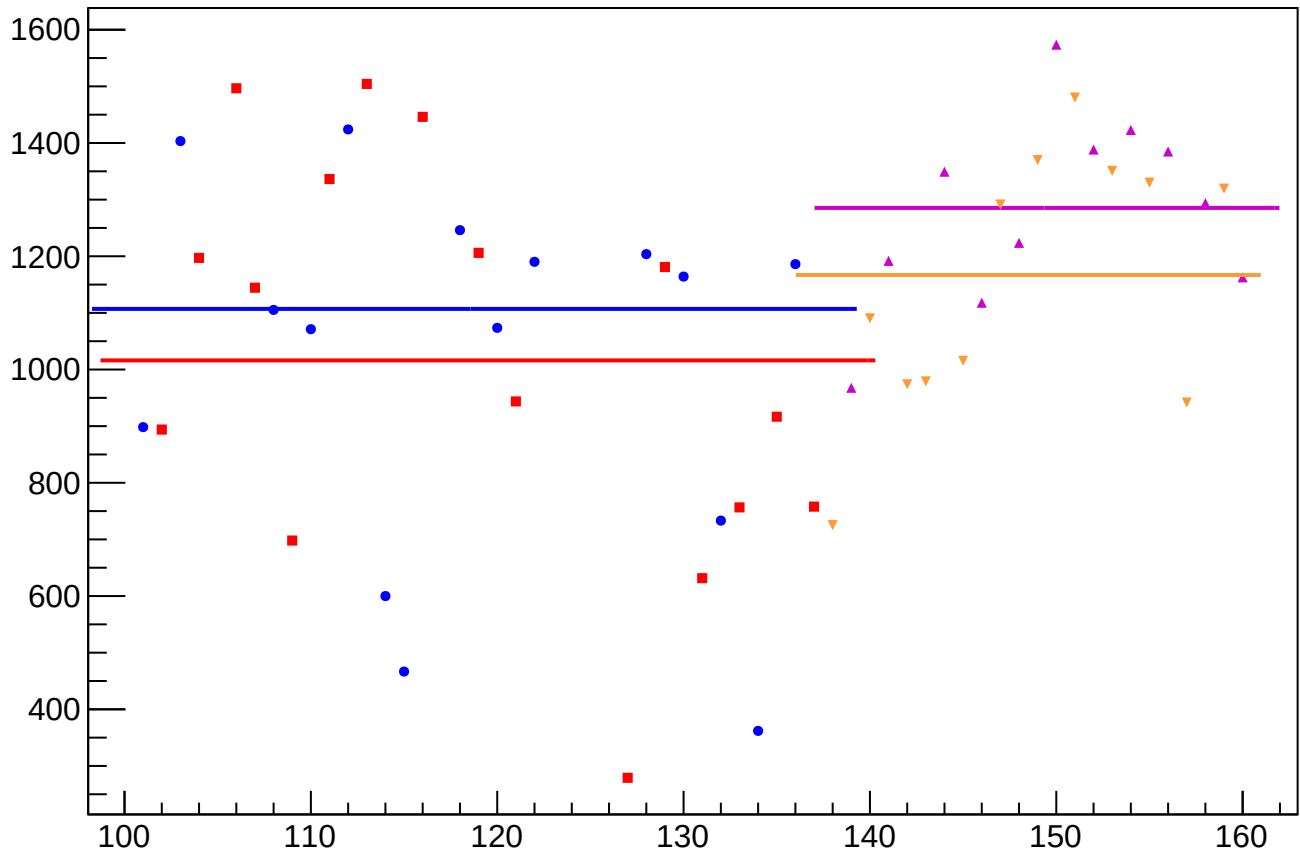
- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

dit_sam8_coil4_err_mean vs Slug



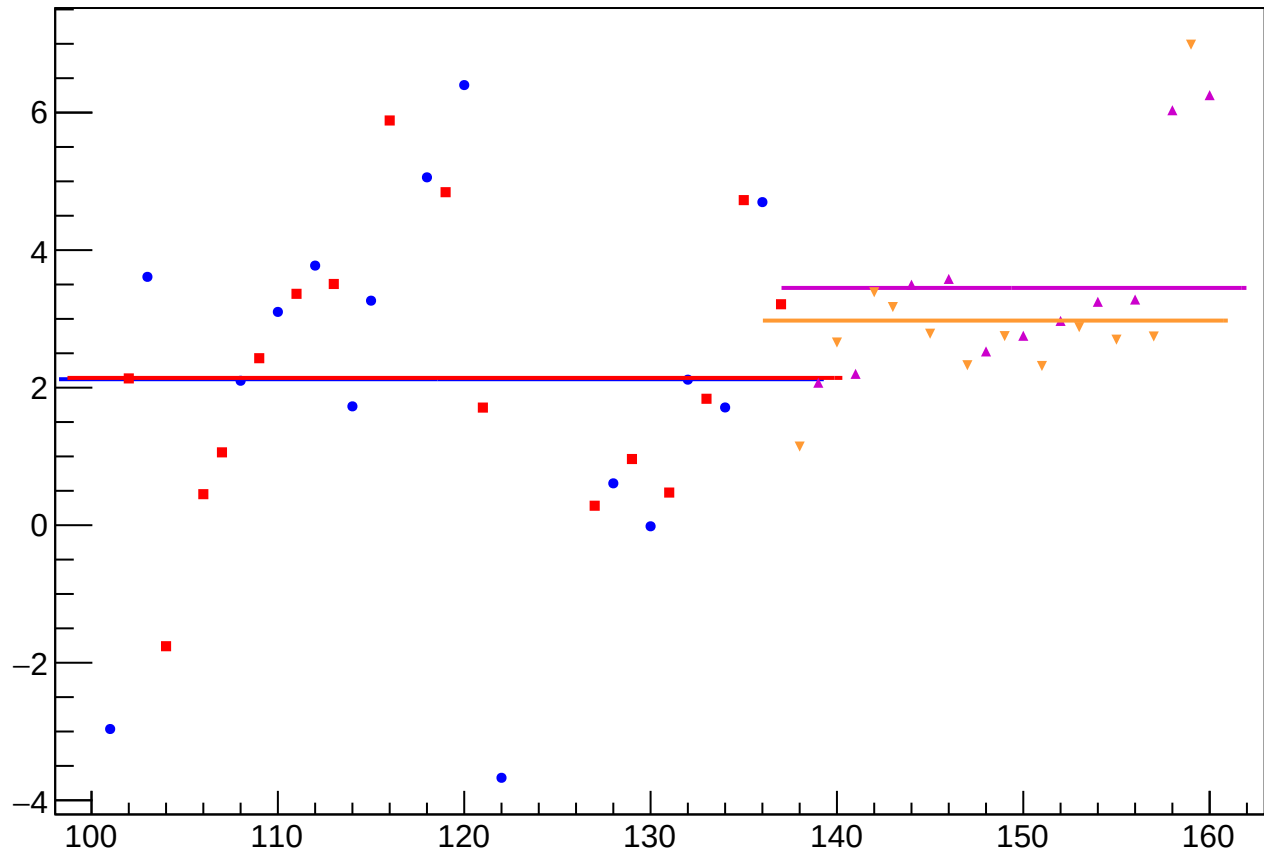
Right In: 116.159 +/- 0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 133.695 +/- 0.000 χ^2/NDF : 2332238004384262852879386446827356160.0/11
 Right Out: 104.501 +/- 0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 130.237 +/- 0.000 χ^2/NDF : 1968814259217478663576054483231178752.0/10

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

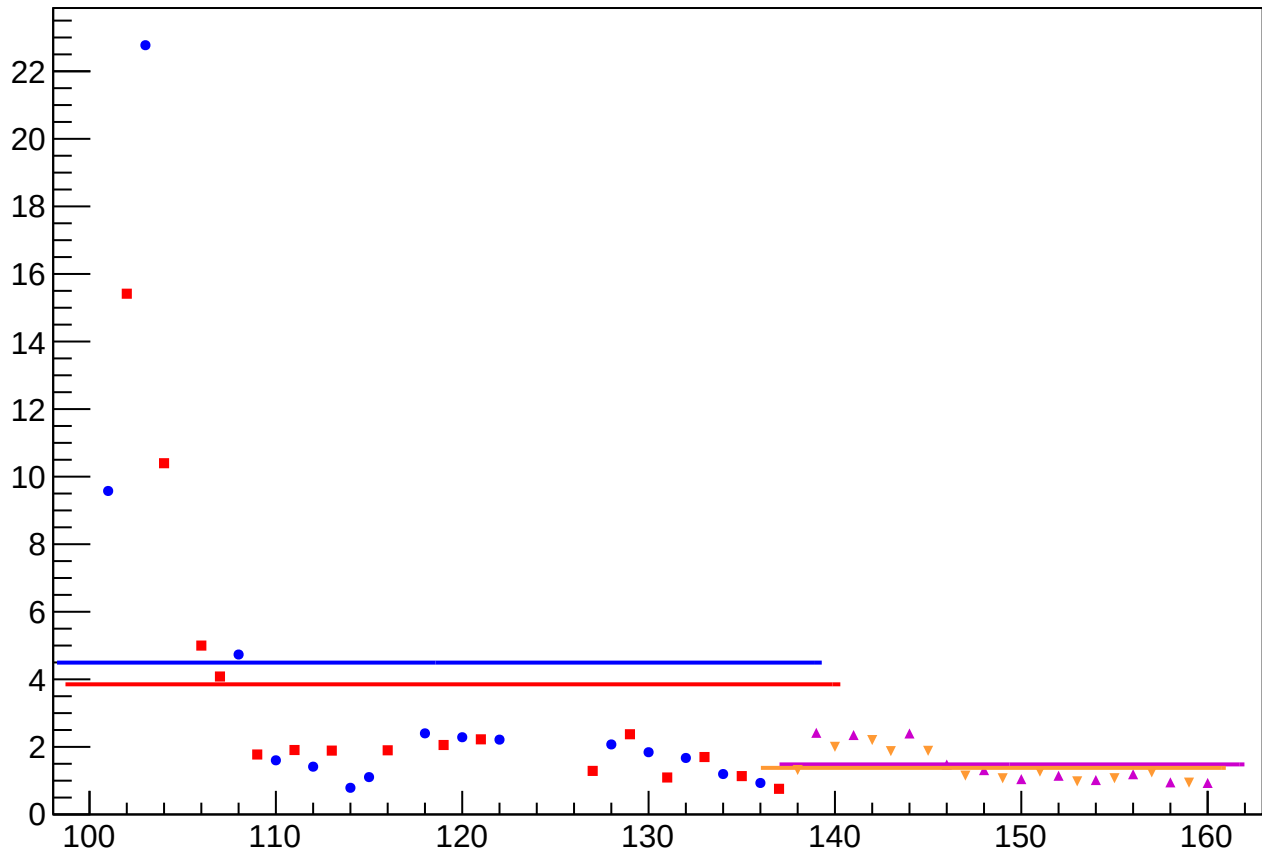
dit_4aX_coil6_mean vs Slug



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



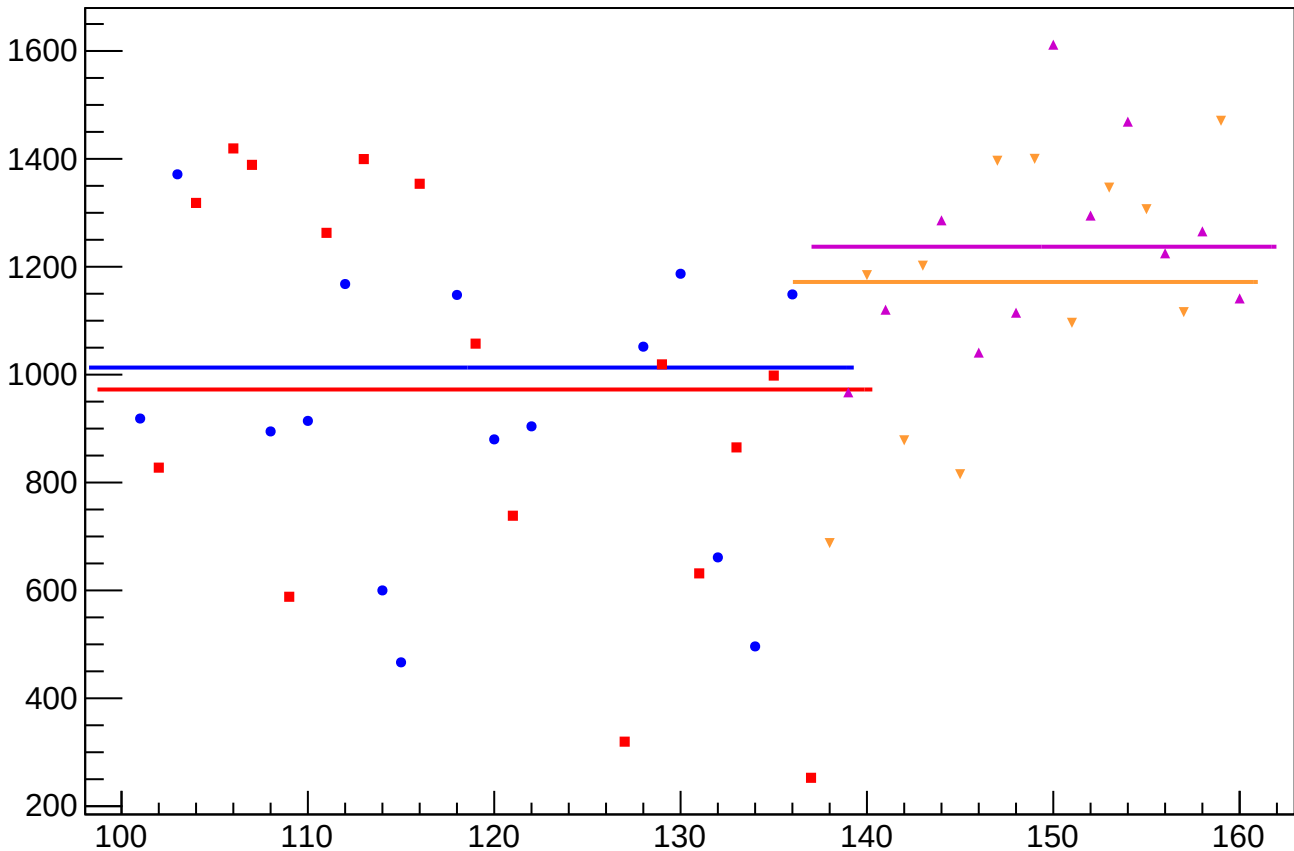
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14

Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11

Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15

Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10

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

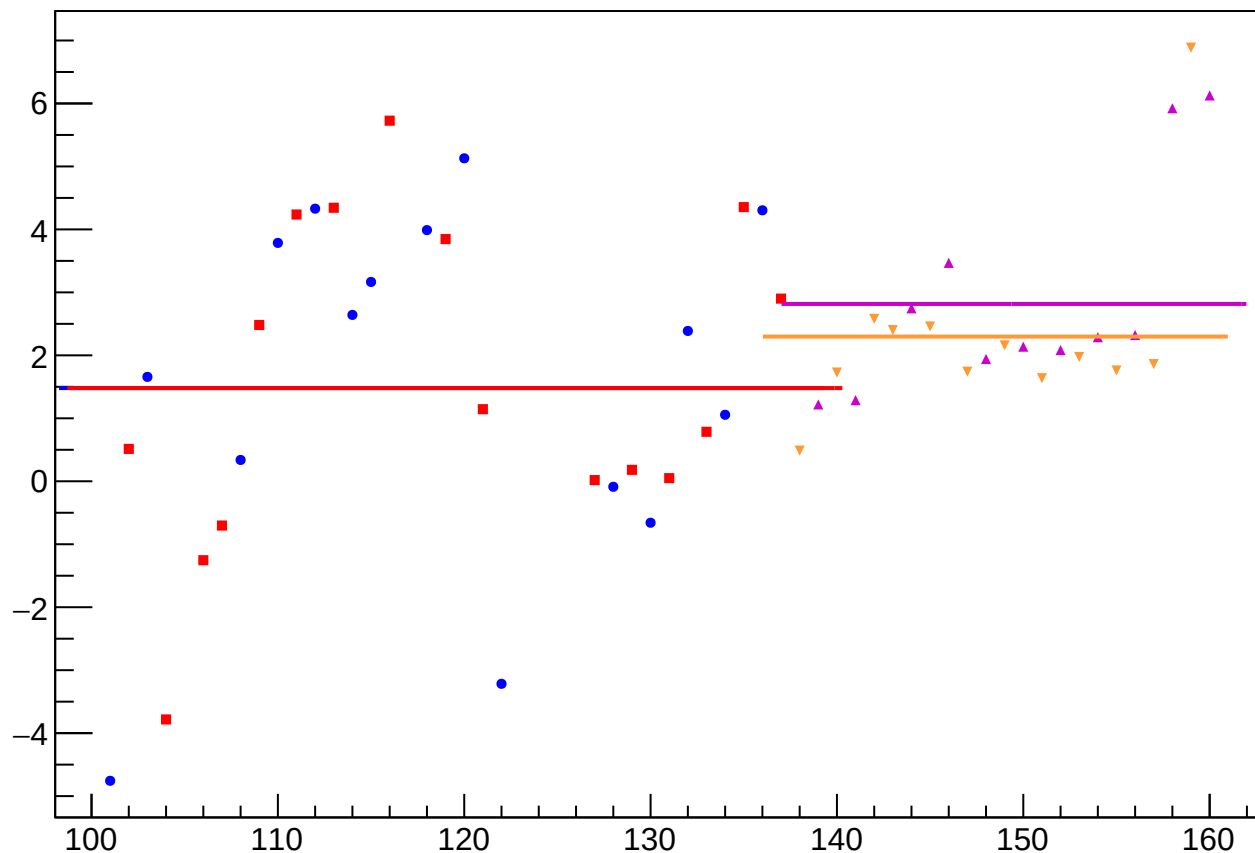
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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+/-0.000

χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 2.298+/-0.000

χ^2/NDF : 2079870991739780462593334803693568.0/11

Right Out: 1.480+/-0.000

χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 2.816+/-0.000

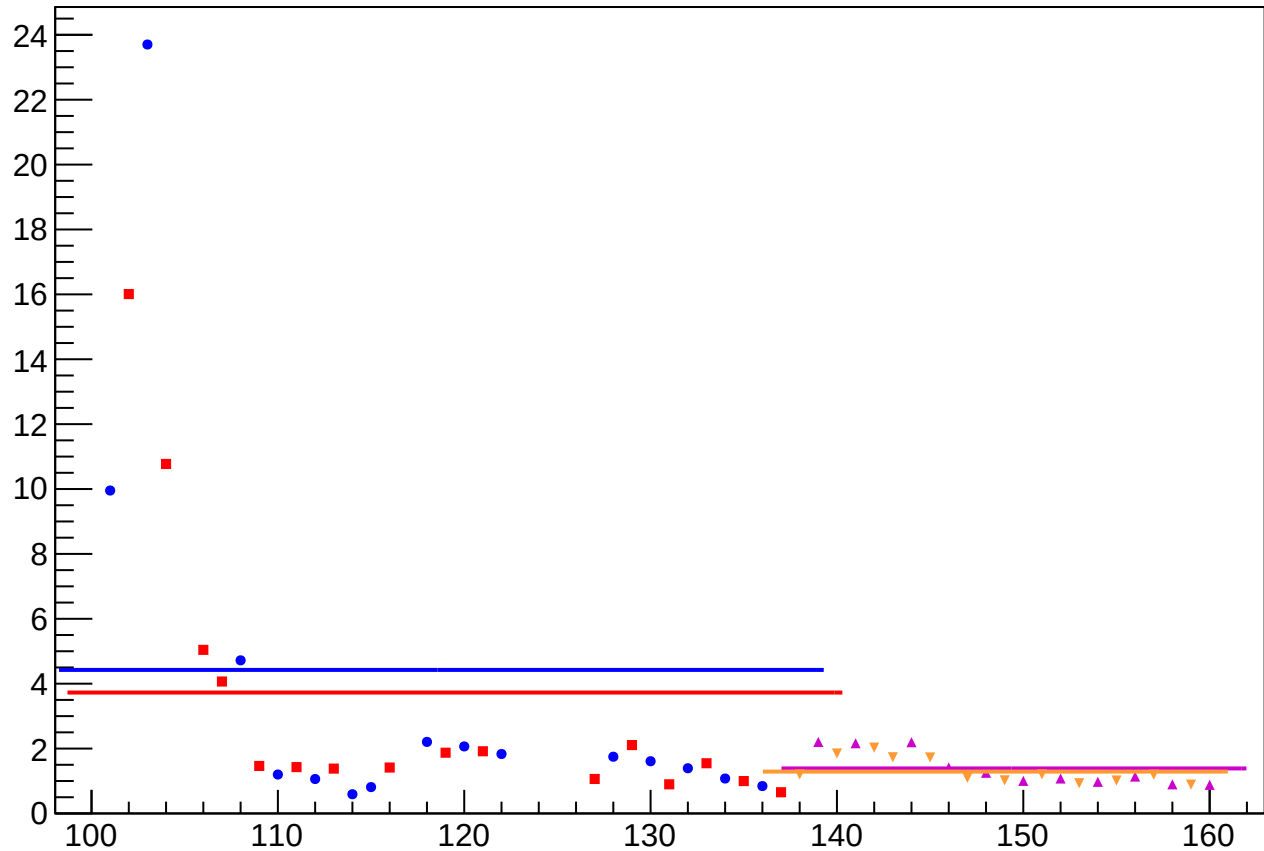
χ^2/NDF : 2230790234579581781884760219451392.0/10

+ sign 1.958+/-0.000 χ^2/NDF : 81334773001182979

All: 2.109+/-0.000 χ^2/NDF : 15218379370263

- sign 2.256+/-0.000 χ^2/NDF : 70149440633078184

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

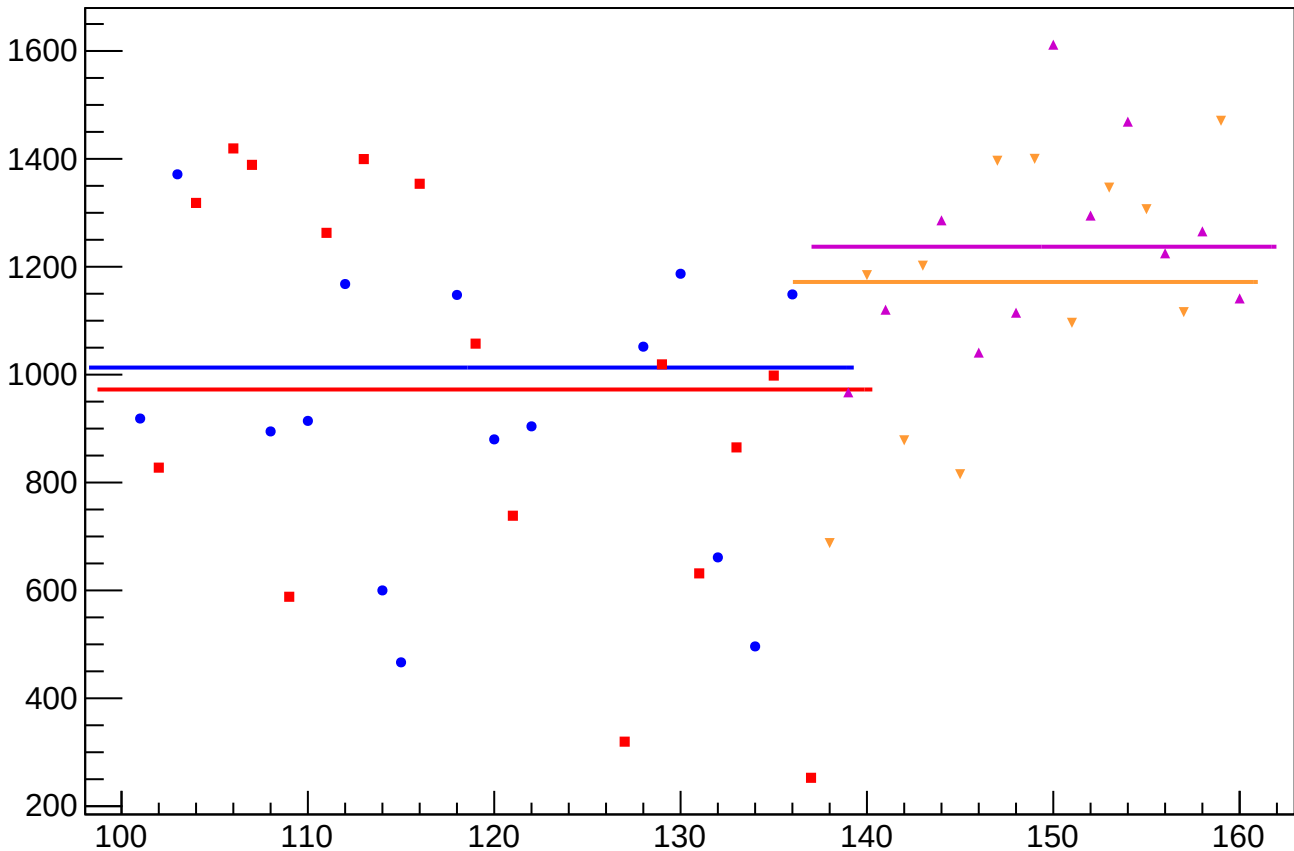
Left In: 1.387+/-0.000 χ^2/NDF : 245381205913734368947829561360384.0/10

+ 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

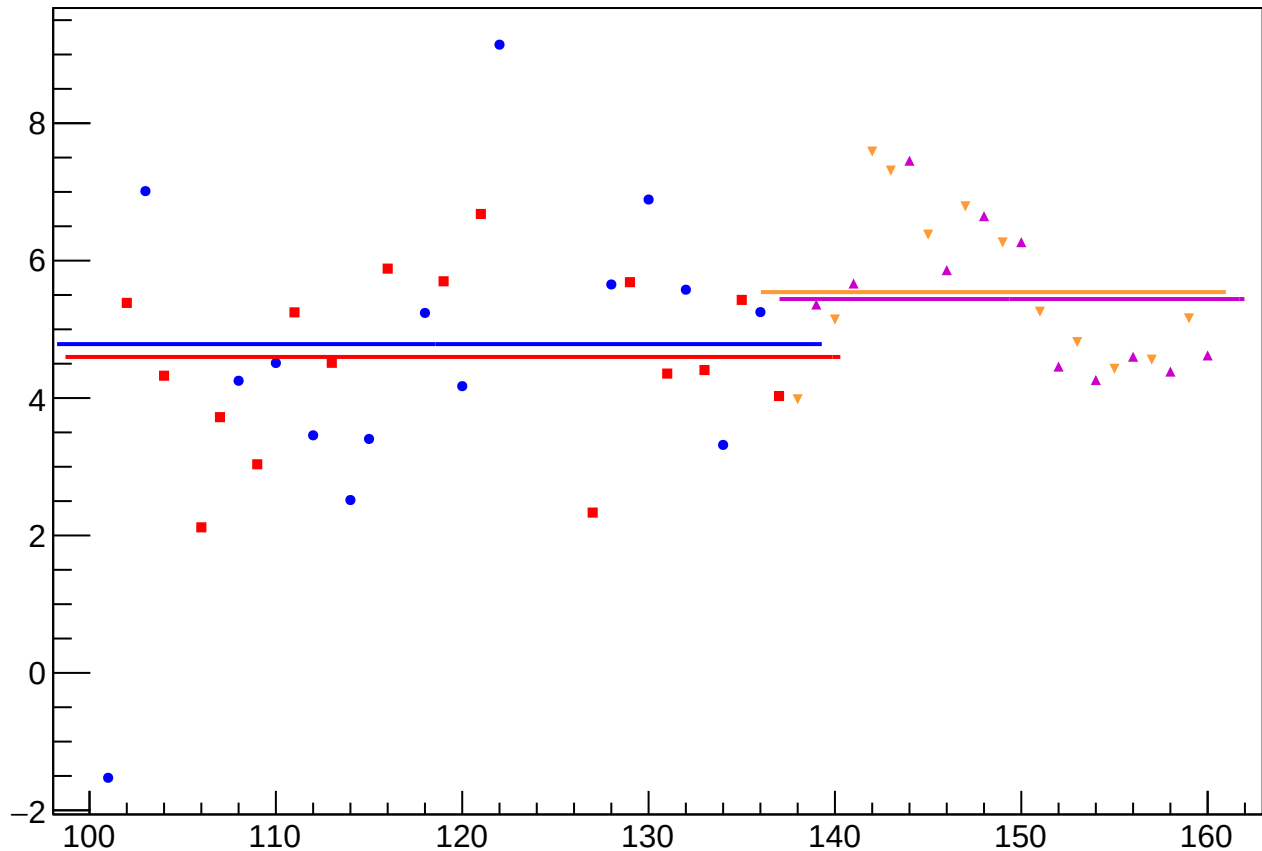
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



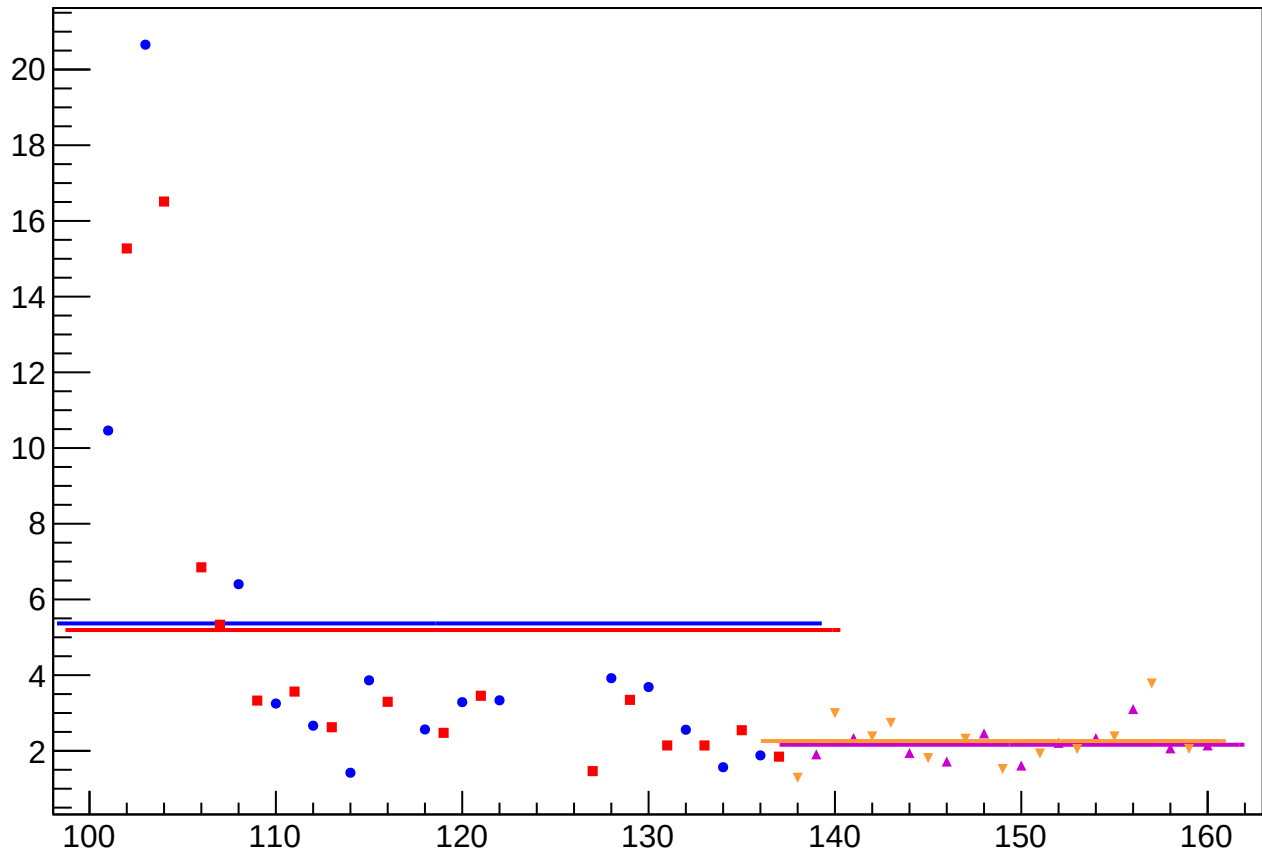
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

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+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.259+/-0.000 χ^2/NDF : 395399614951959116127821516242944.0/11

Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

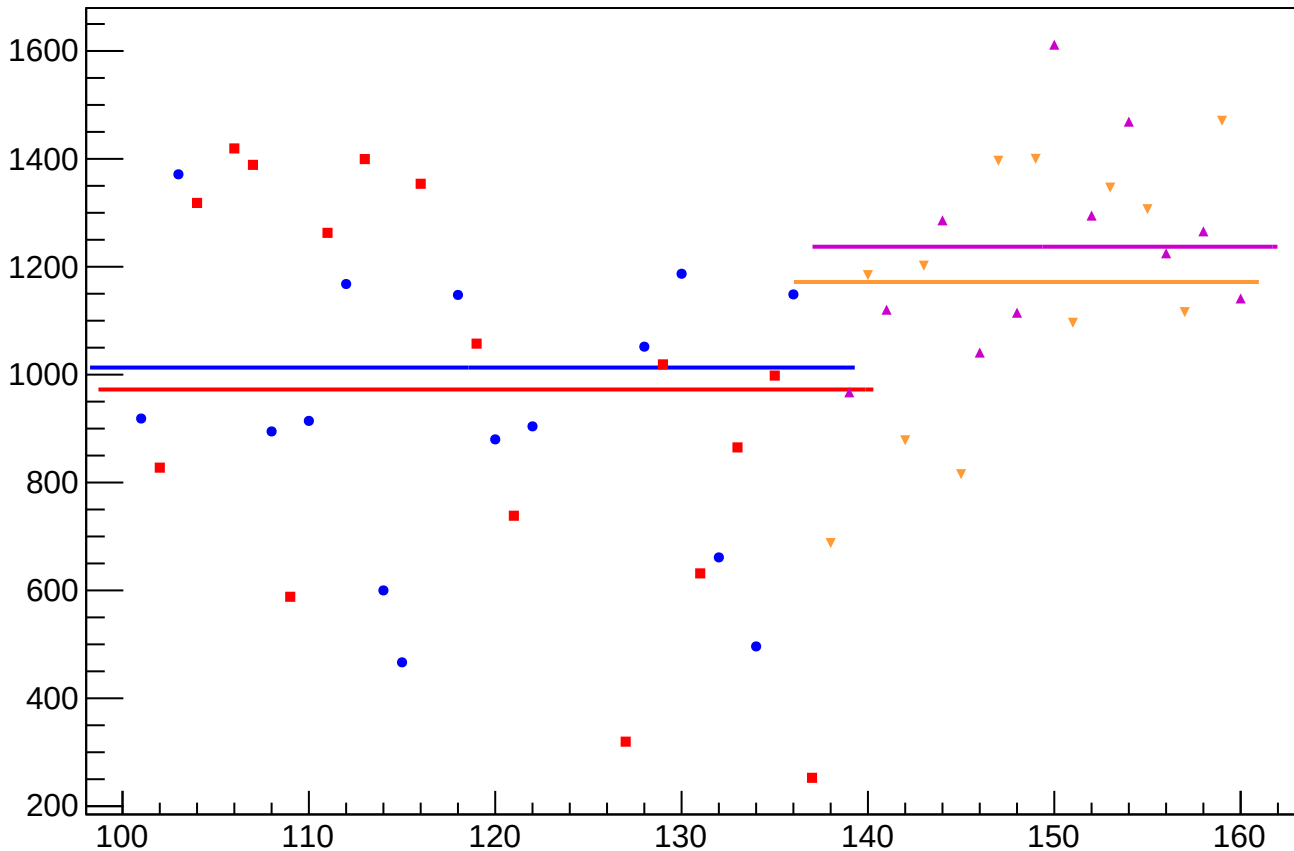
Left In: 2.162+/-0.000 χ^2/NDF : 138367938839103248546751049629696.0/10

+ sign 3.549+/-0.000 χ^2/NDF : 22840324830189286

All: 3.490+/-0.000 χ^2/NDF : 42296939077680

- sign 3.432+/-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

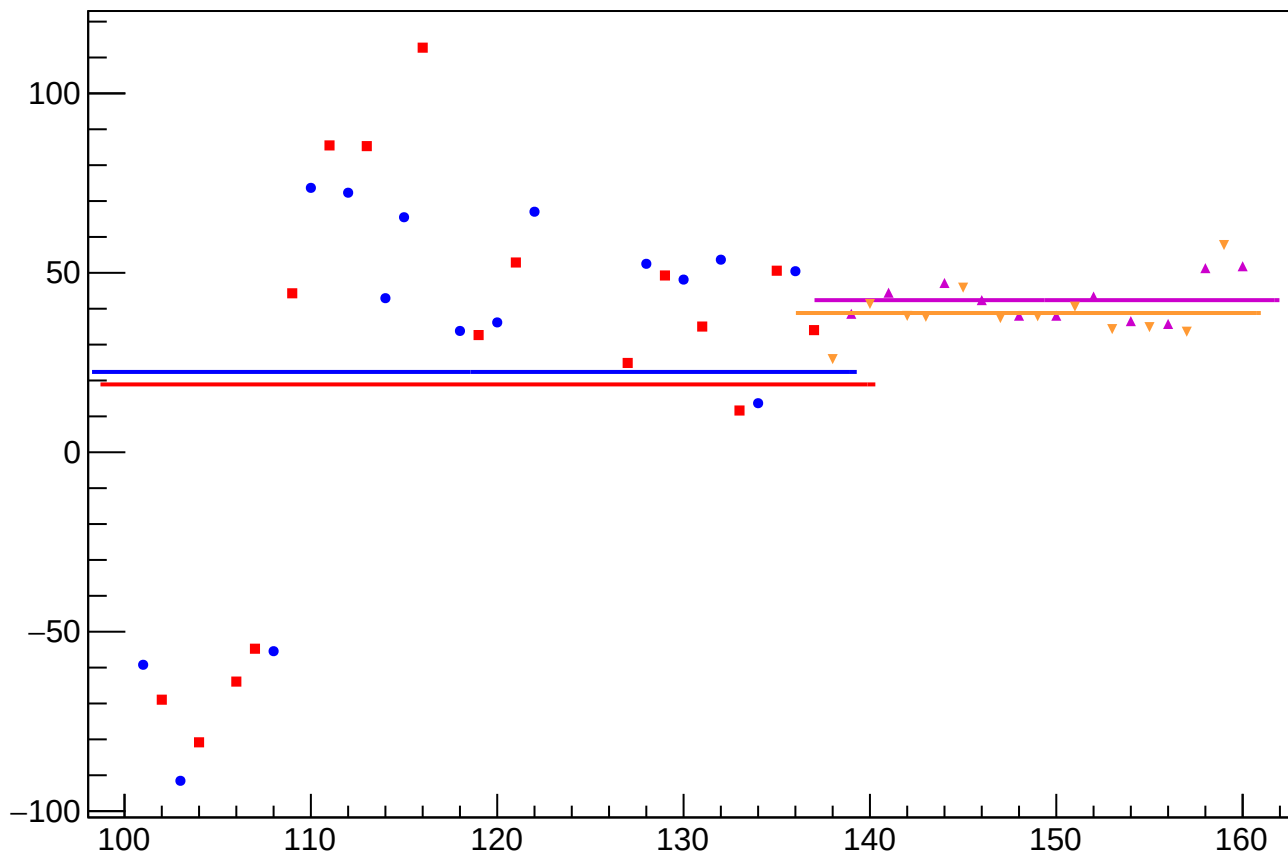
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.806+/-0.000 χ^2/NDF : 51649905292188588204172531766132736.0/11

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

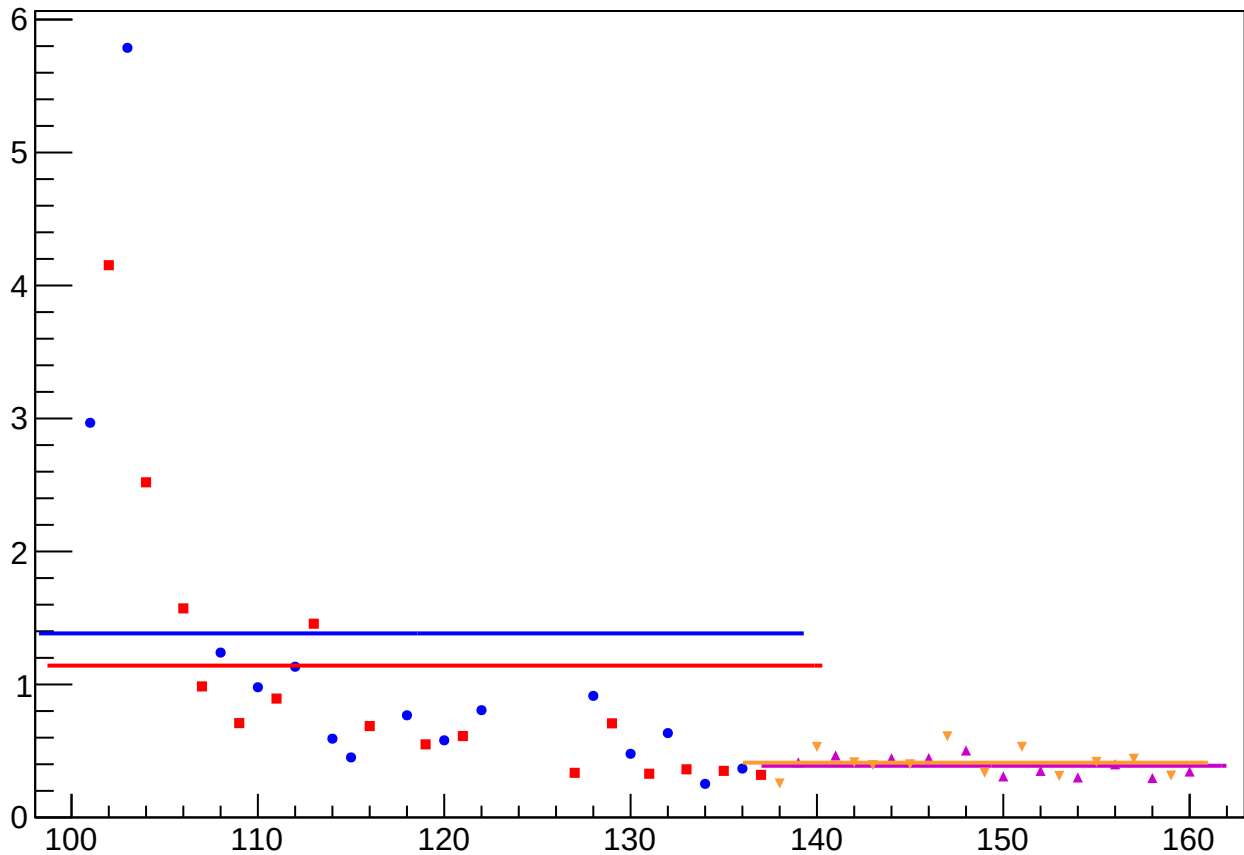
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.987+/-0.000 χ^2/NDF : 2076251683338392

All: 32.268+/-0.000 χ^2/NDF : 4498818256205

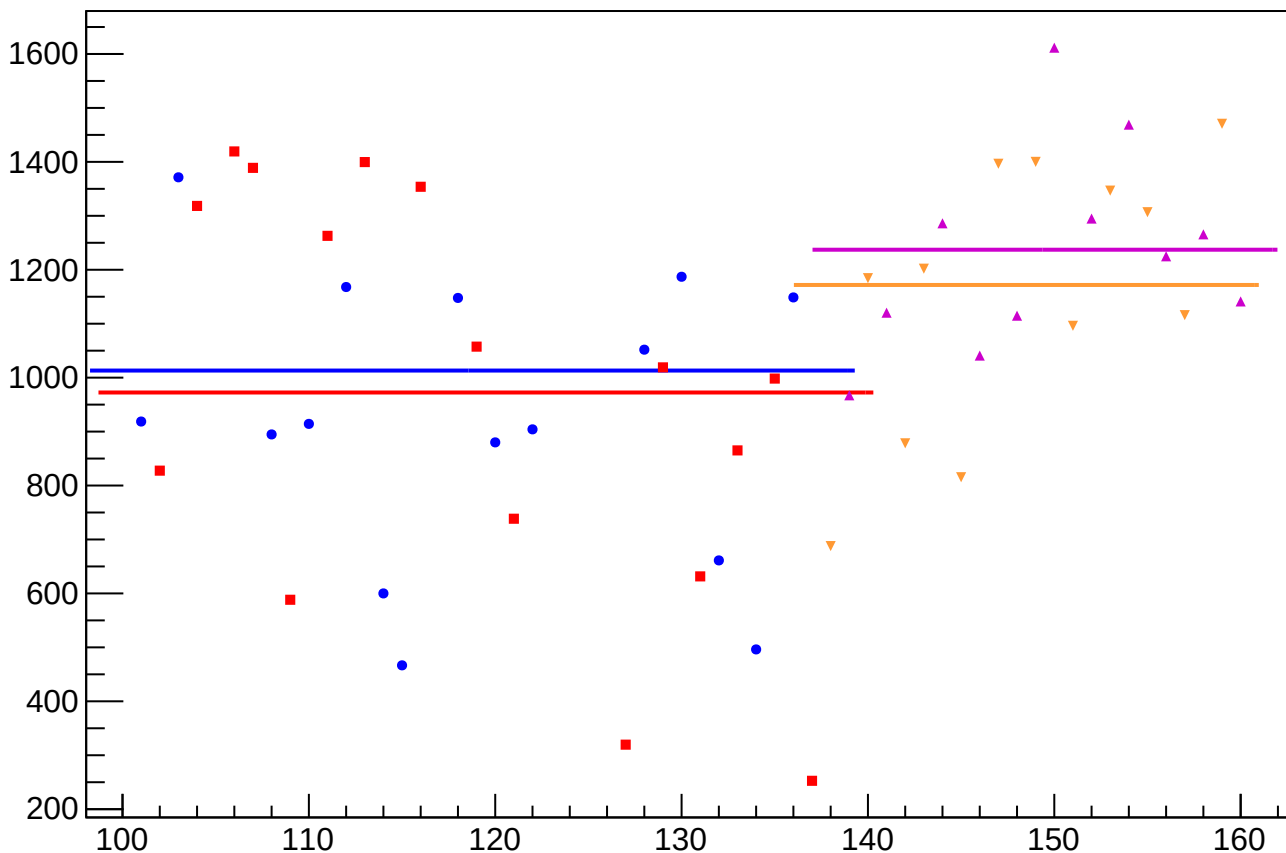
- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.412 ± 0.000 χ^2/NDF : 9382414275472018674983467220992.0/11
 Right Out: 1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 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

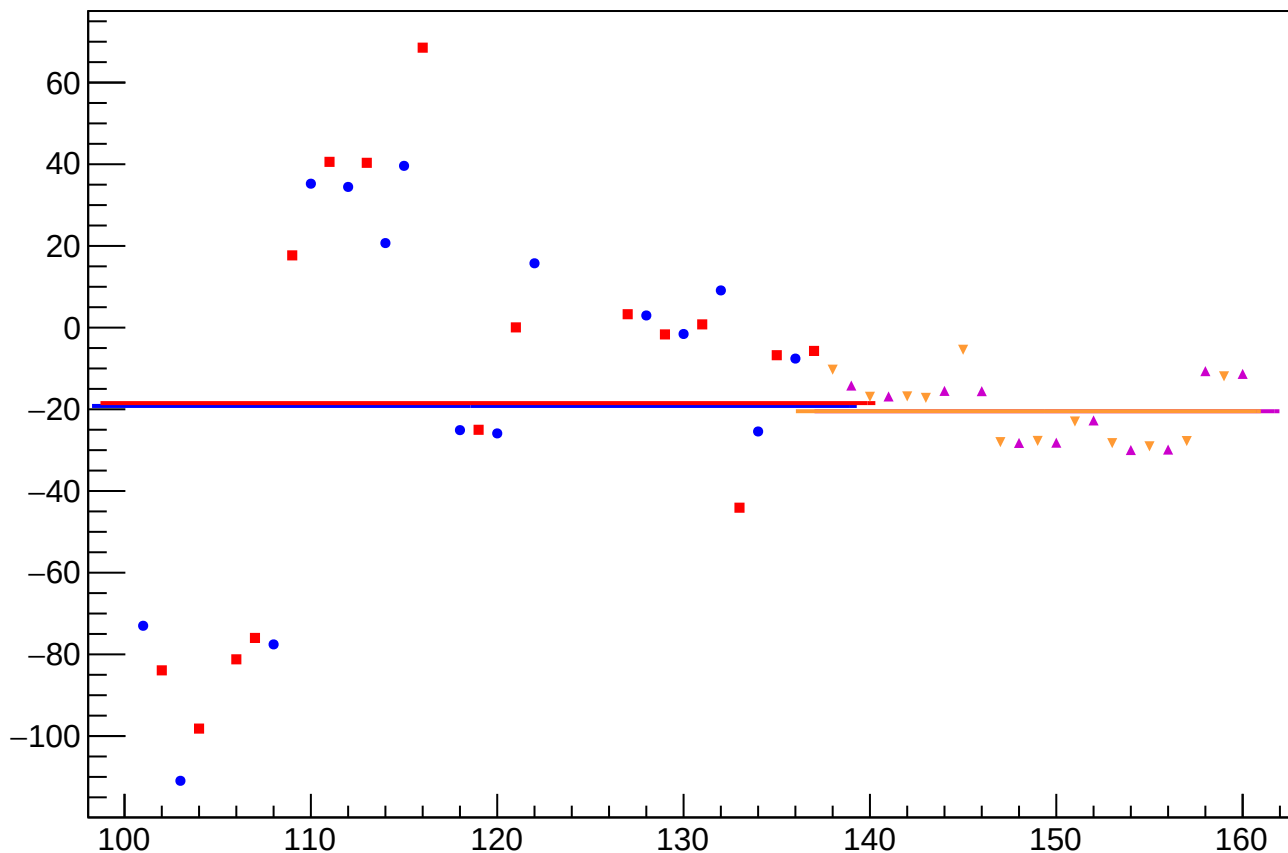
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

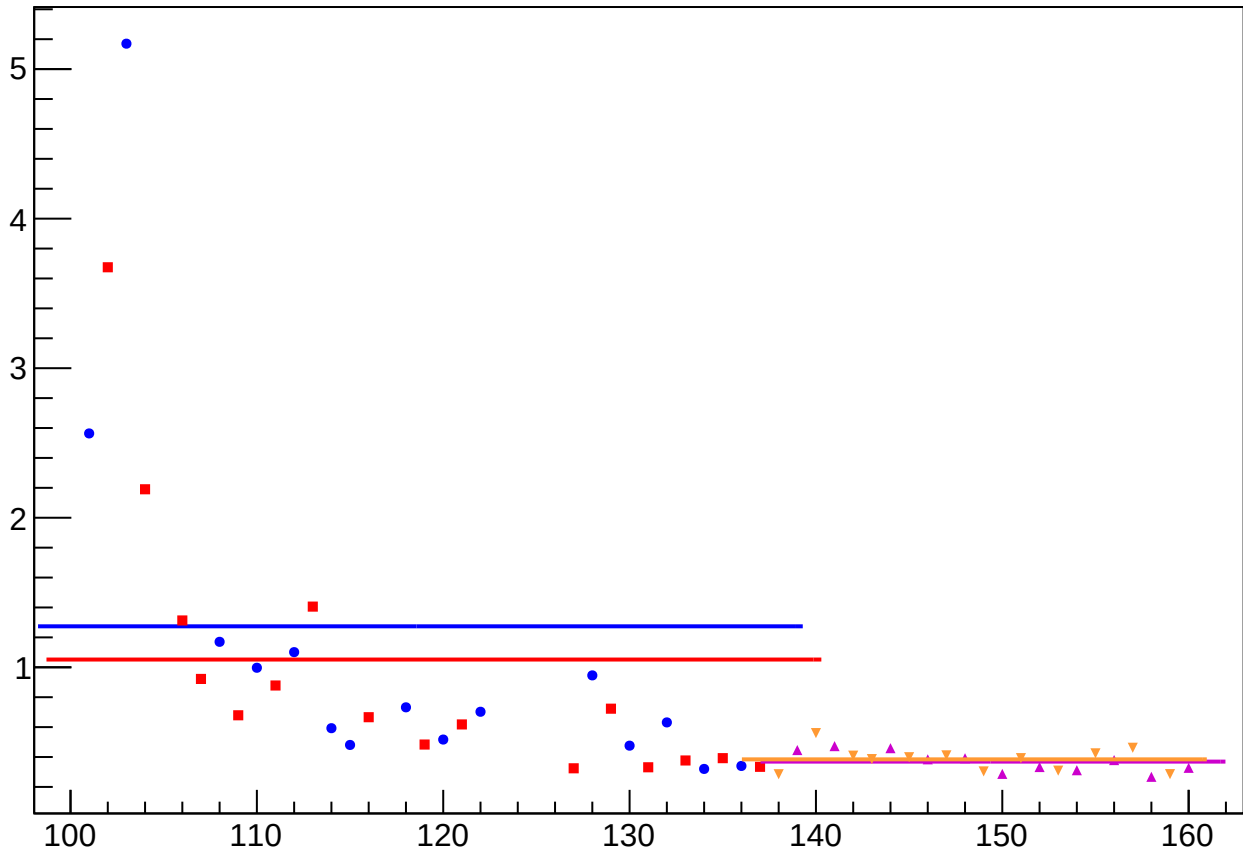
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

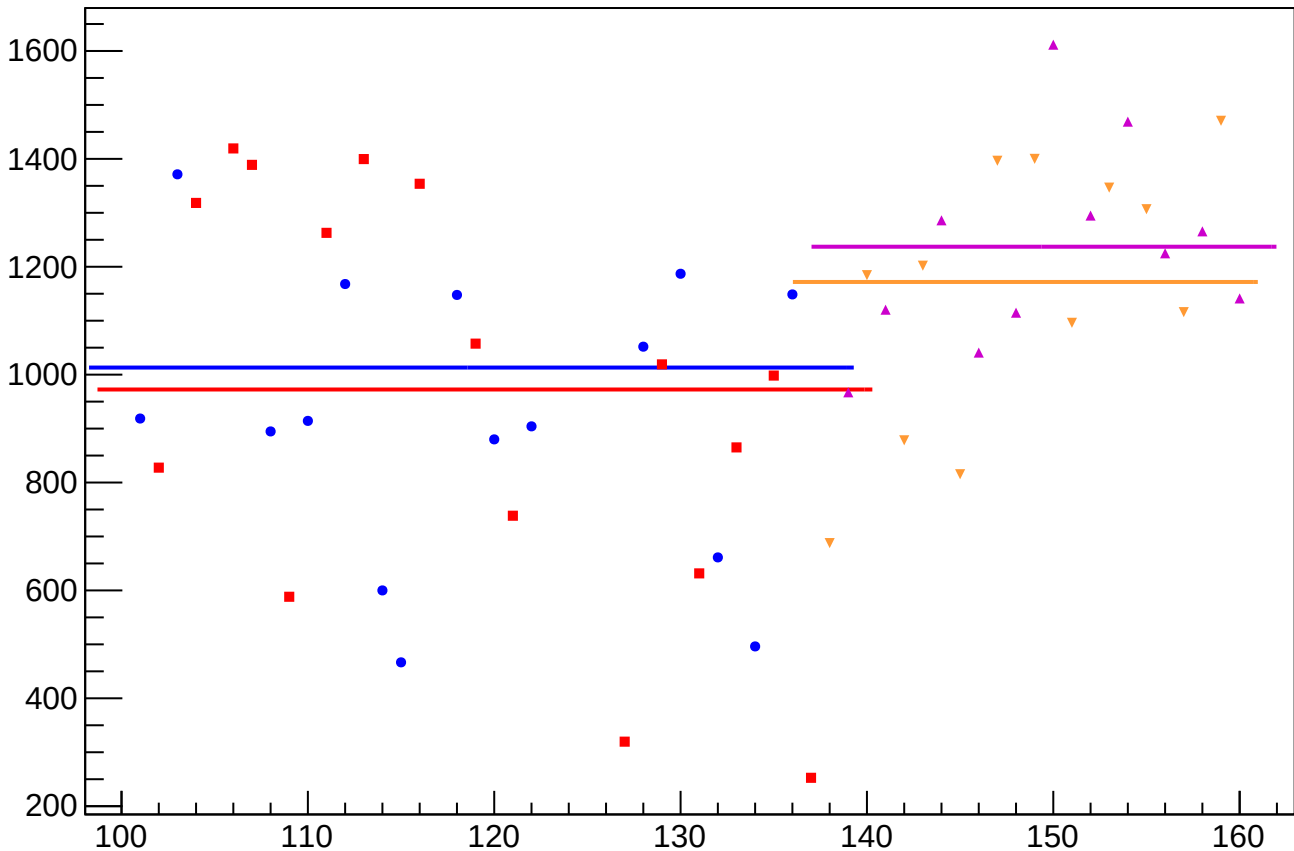
+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.384 ± 0.000 χ^2/NDF : 5822322029078598268260129439744.0/11
 Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.369 ± 0.000 χ^2/NDF : 4166350638848138676707816112128.0/10
 All: 0.704 ± 0.000 χ^2/NDF : 23177863612263
 + sign 0.754 ± 0.000 χ^2/NDF : 15182280868824468
 - sign 0.655 ± 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

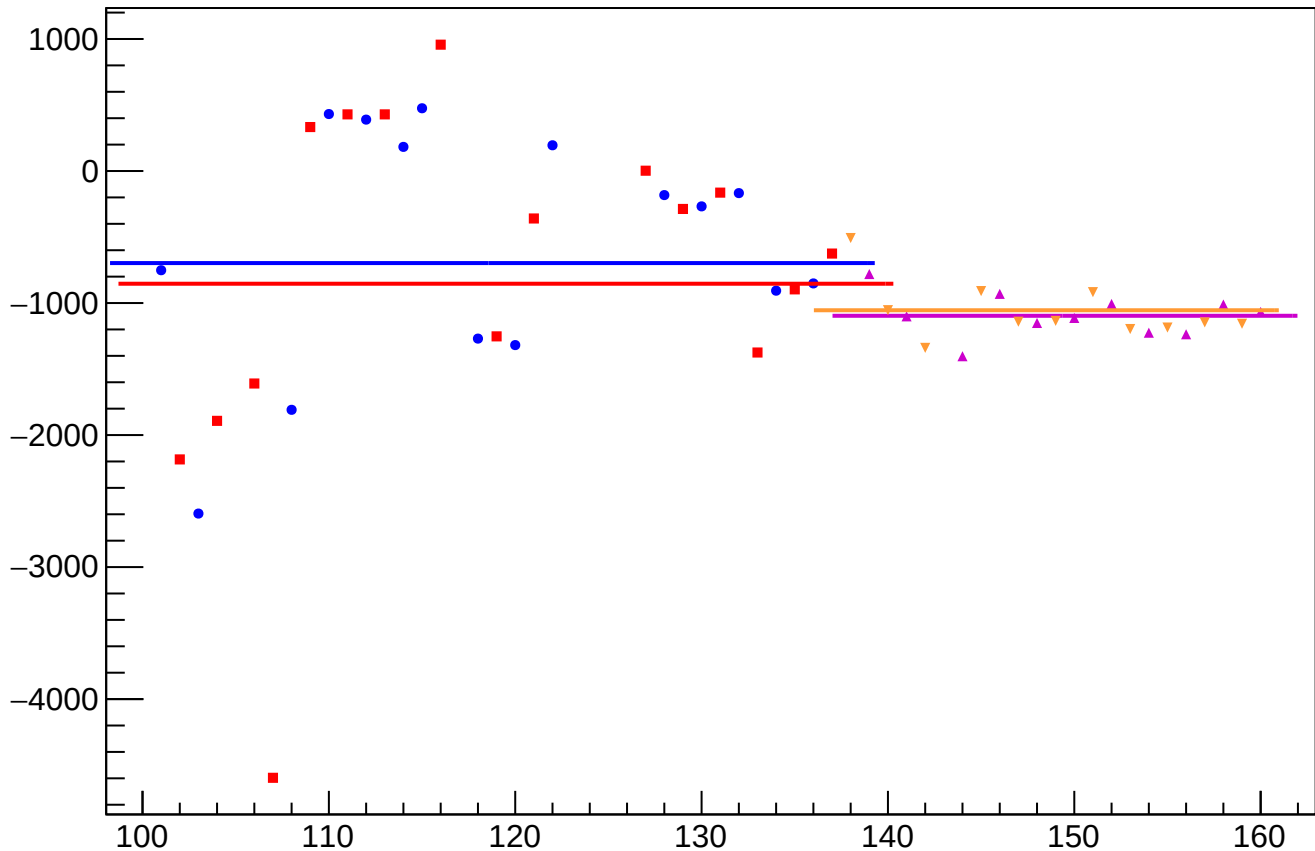
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

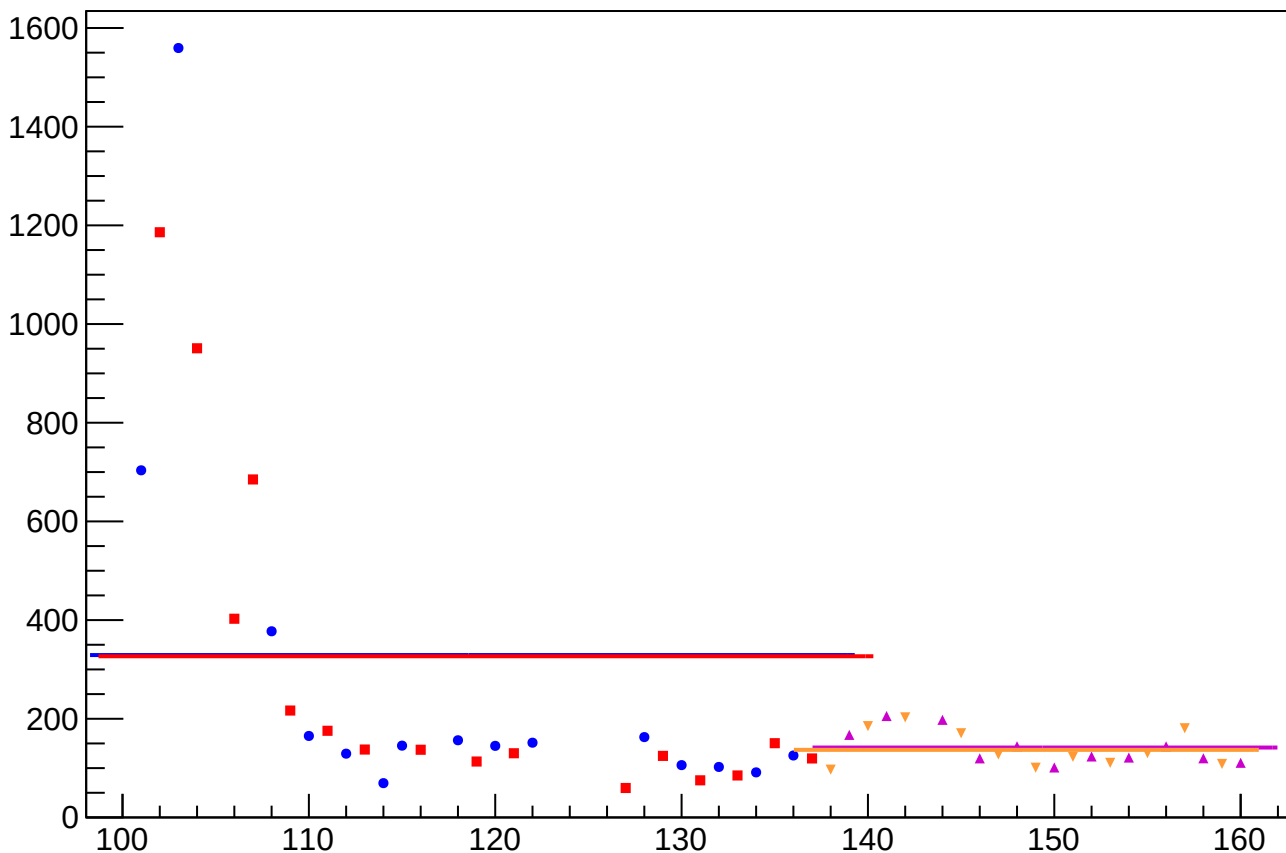
dit_usl_coil6_mean vs Slug



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

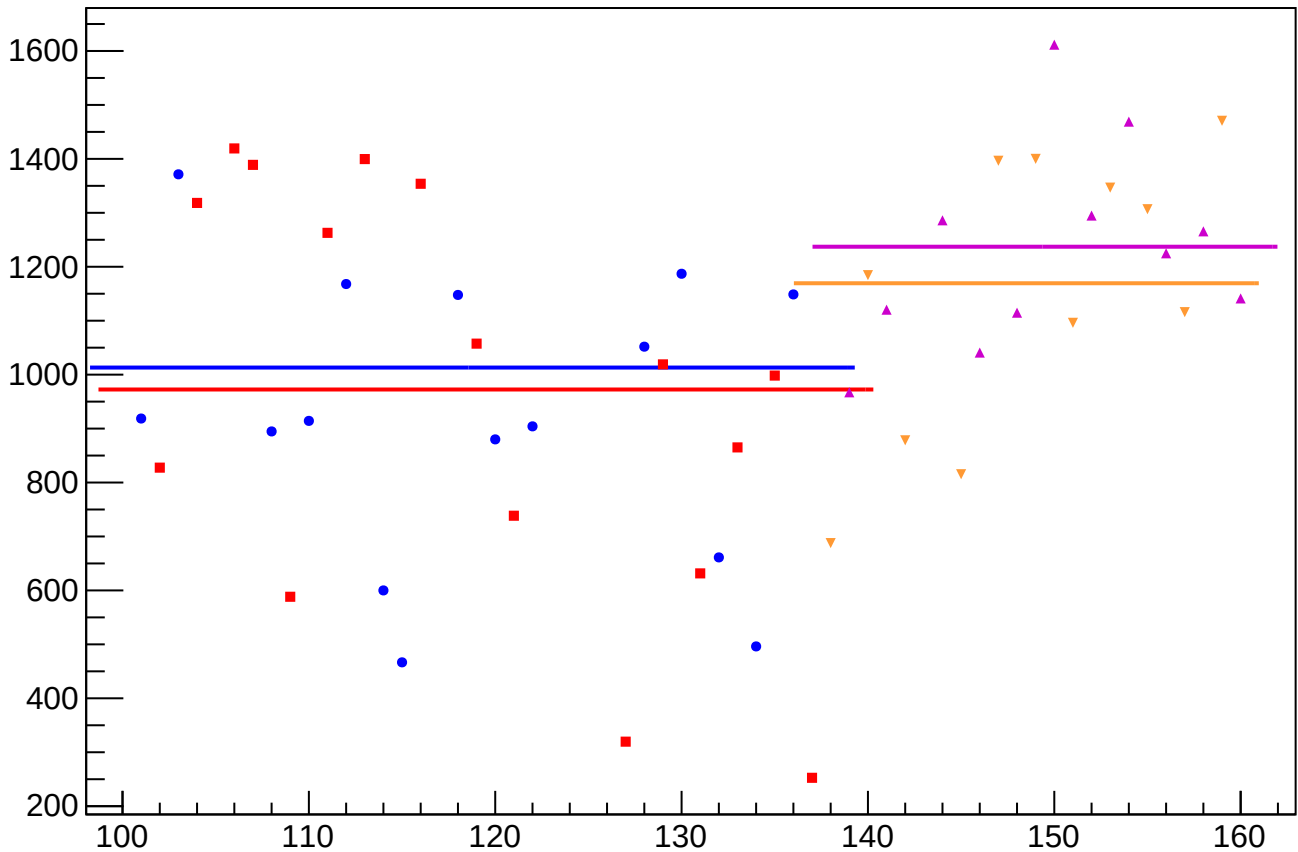
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

All: 219.782+/-0.000 χ^2/NDF : 233310972456

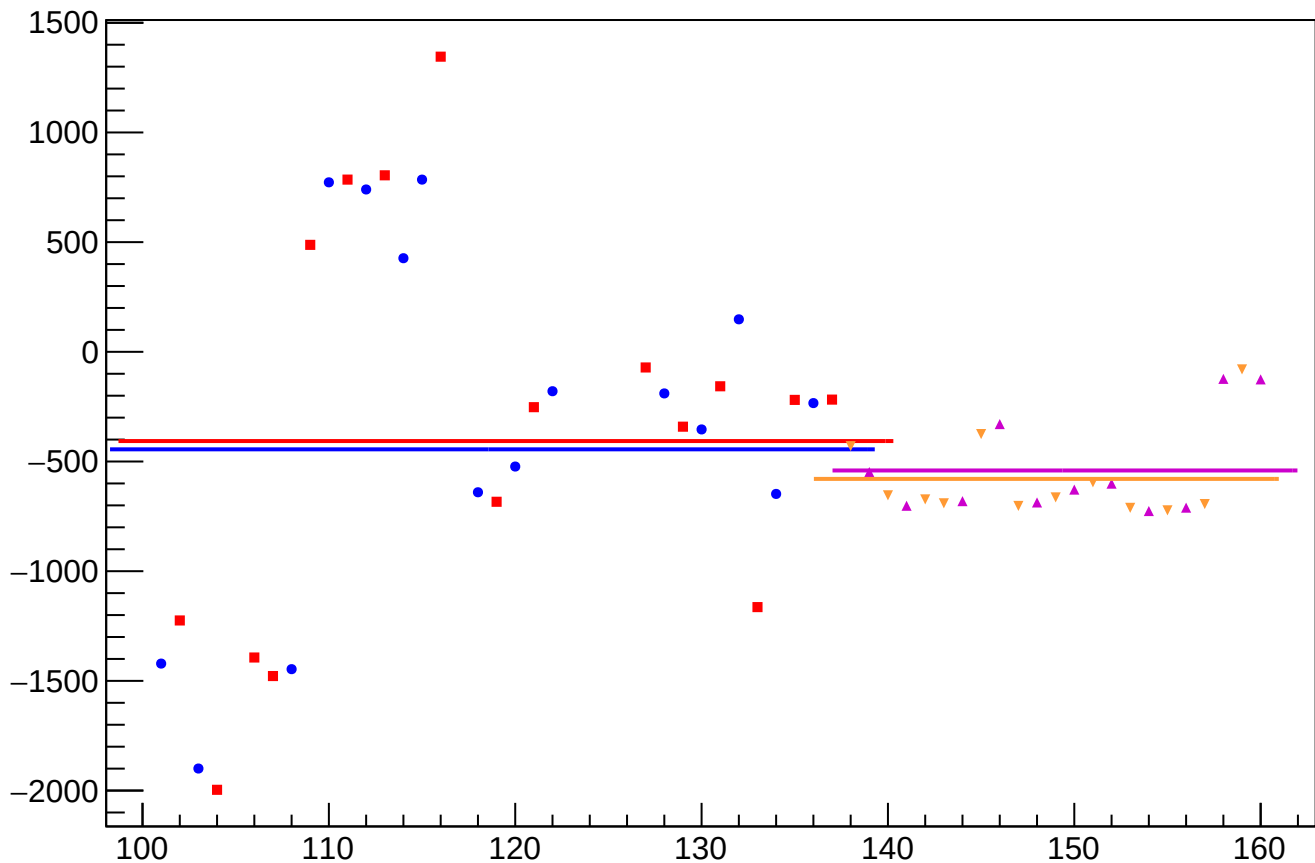
- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



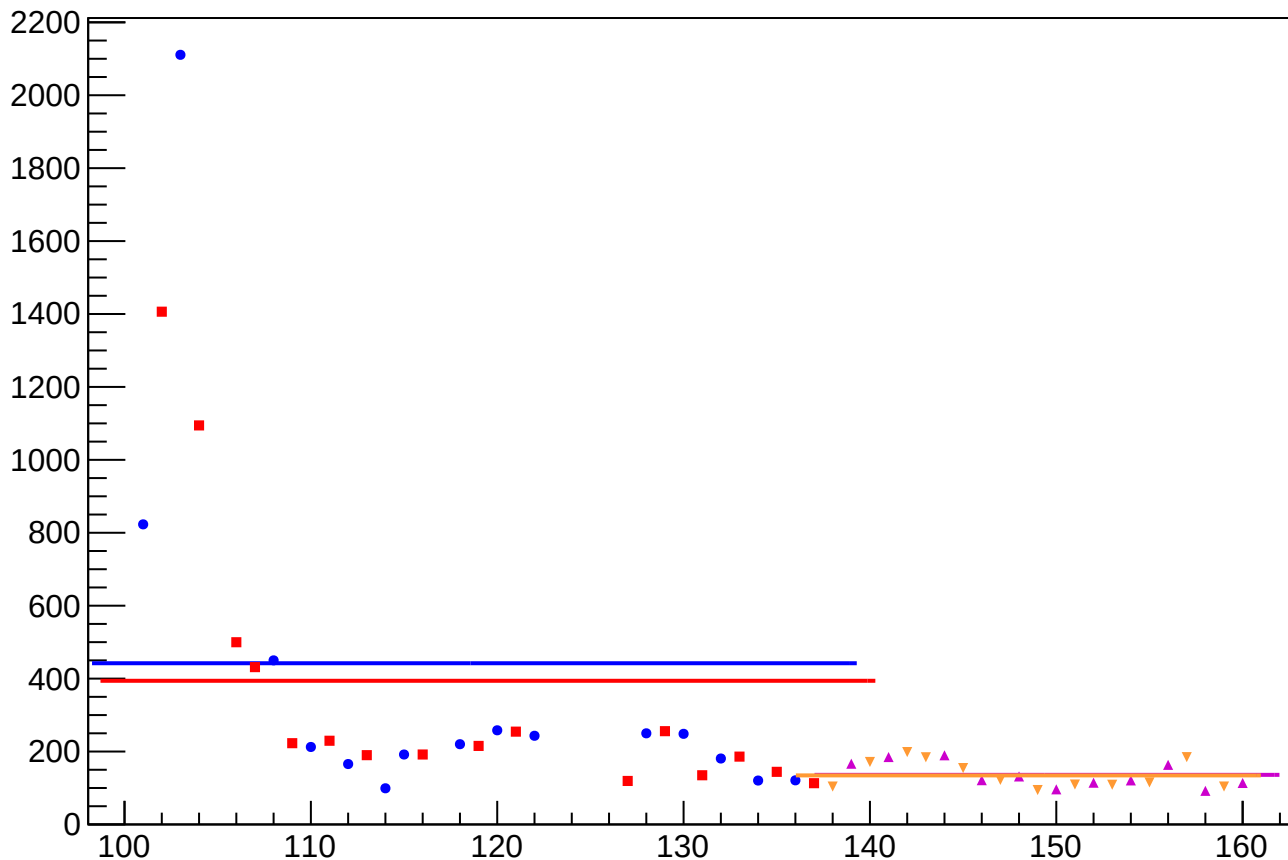
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1169.420 ± 0.000 χ^2/NDF : 52359058528484212152975817930553950208.0/10
 Right Out: 972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 ± 0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_usr_coil6_mean vs Slug



Right In: -444.512 ± 0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -579.272 ± 0.000 χ^2/NDF : 32584581524528860941595597407042666496.0/11
 Right Out: -406.729 ± 0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15
 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

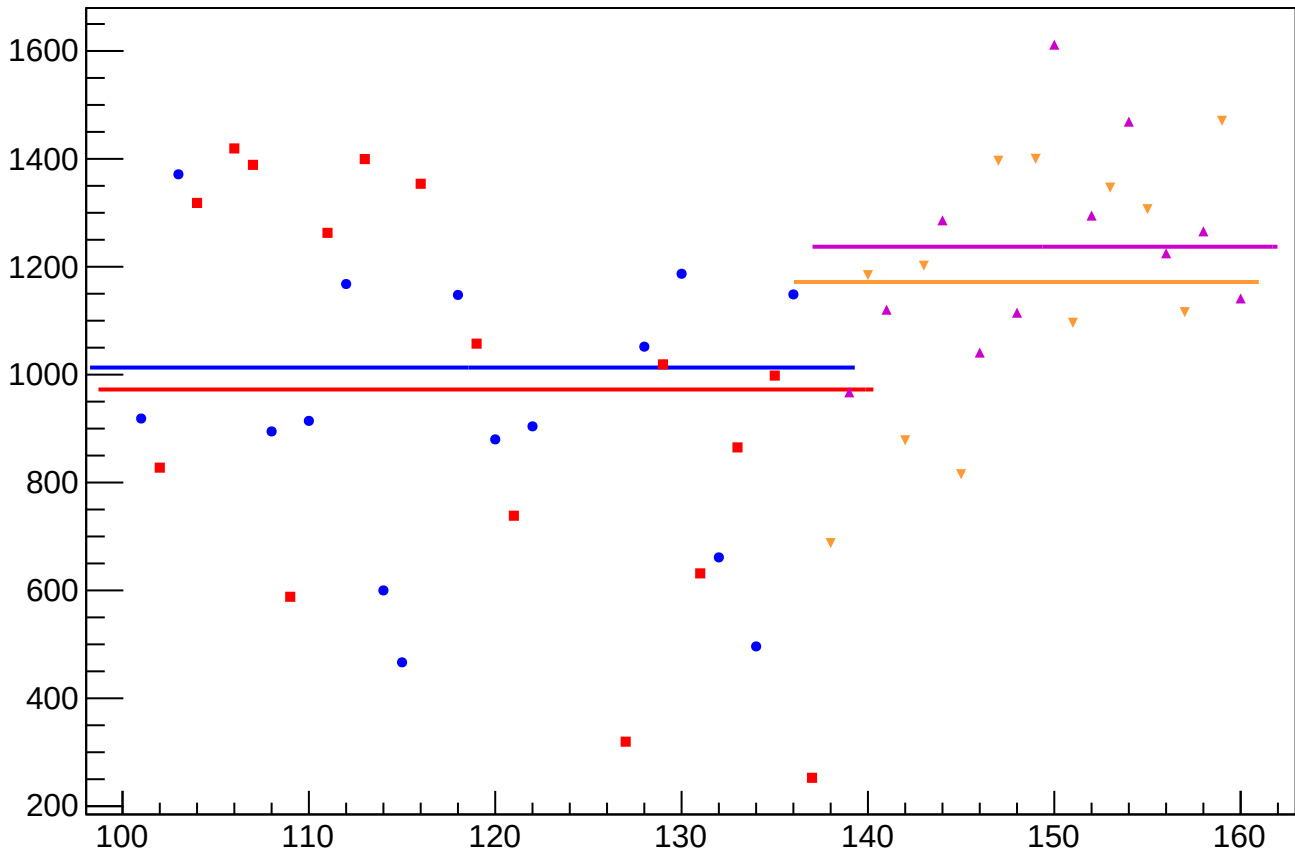
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286+/-0.000 χ^2/NDF : 241048188566854

All: 253.162+/-0.000 χ^2/NDF : 37398353308

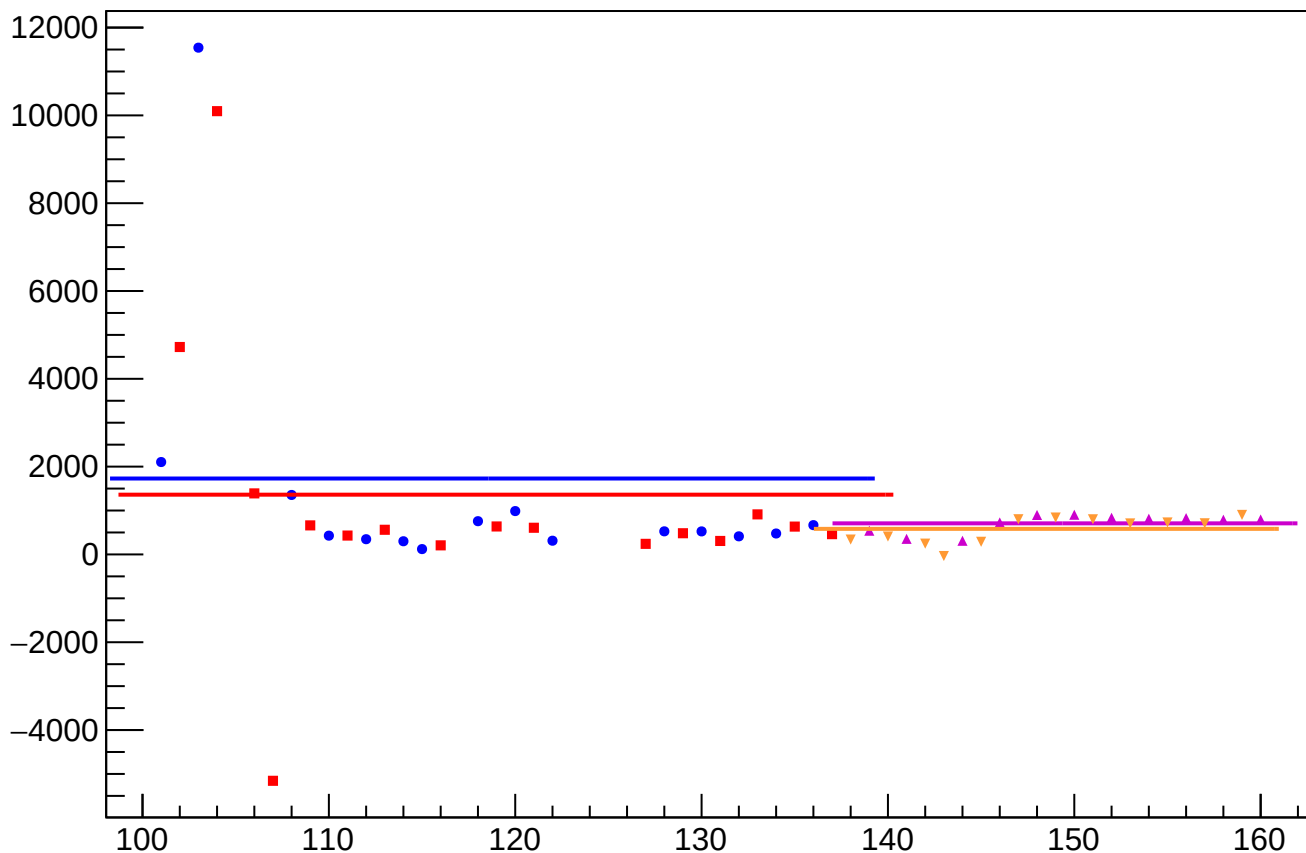
- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



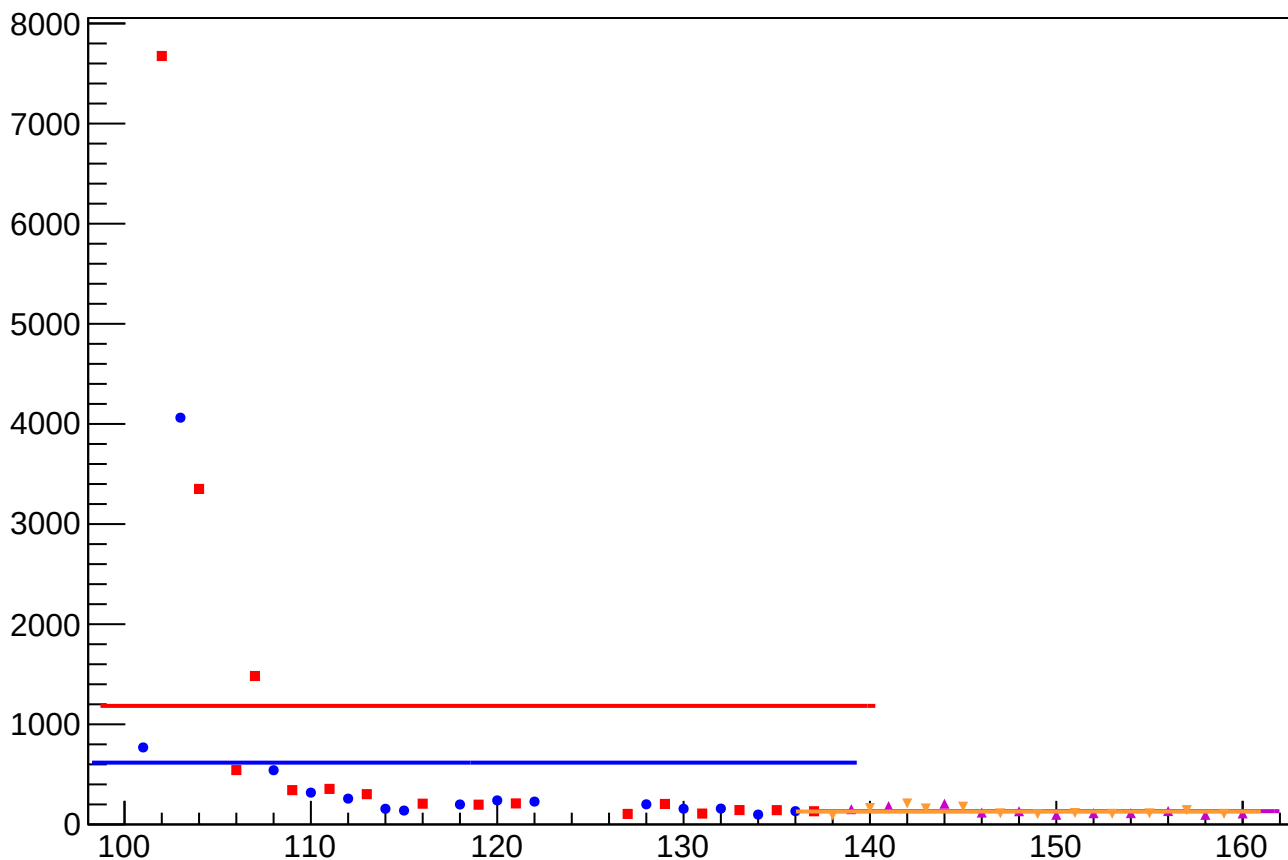
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- 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

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

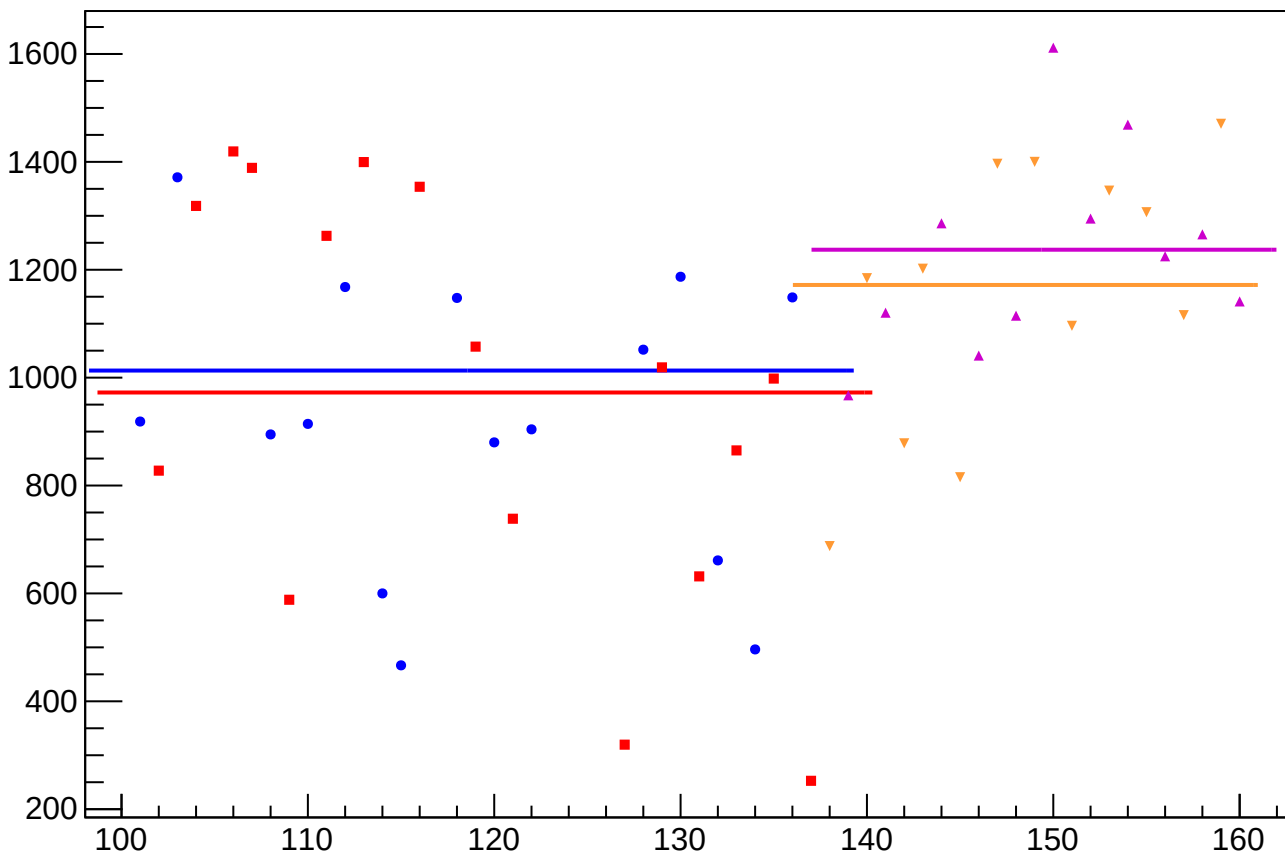
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

All: 453.895+/-0.000 χ^2/NDF : 452656903212

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

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

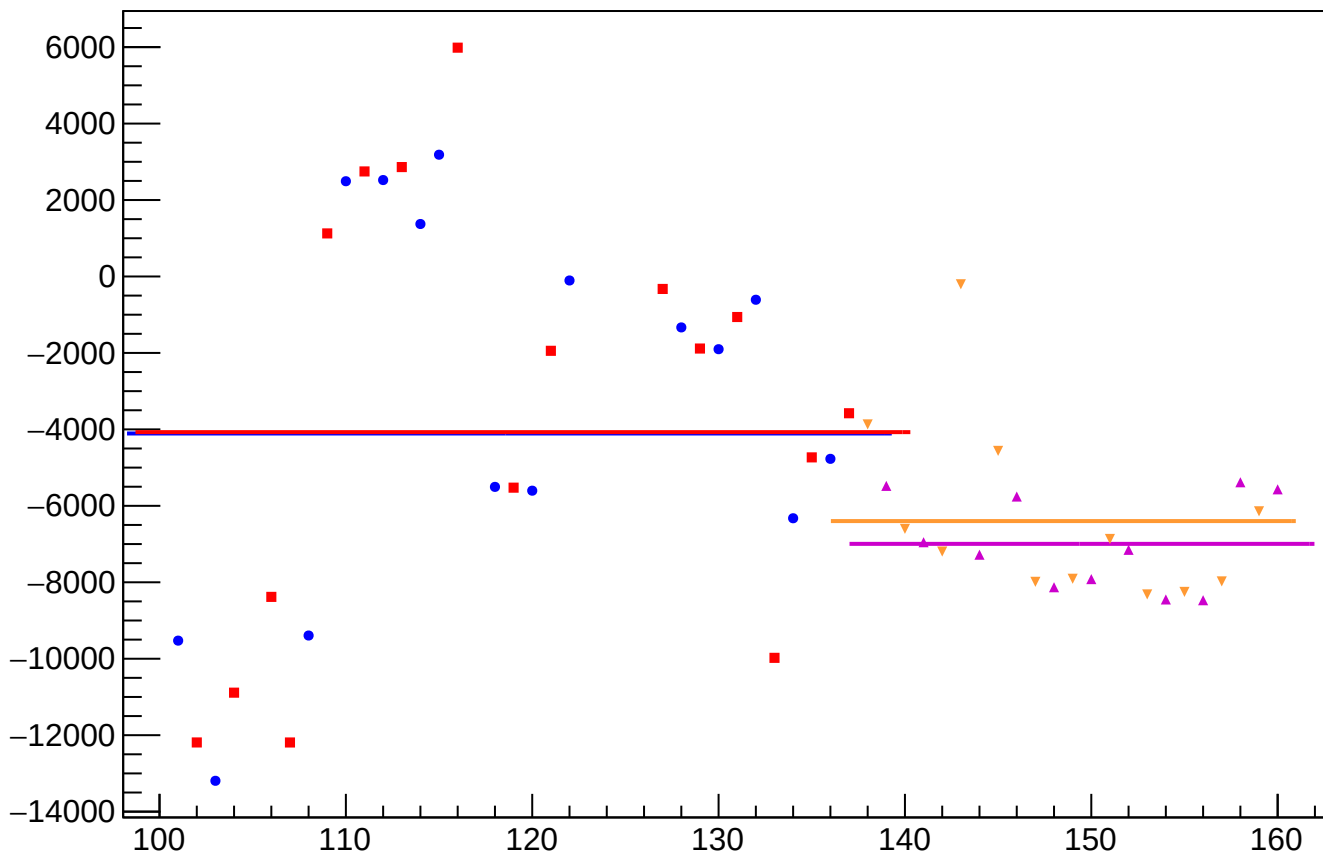
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

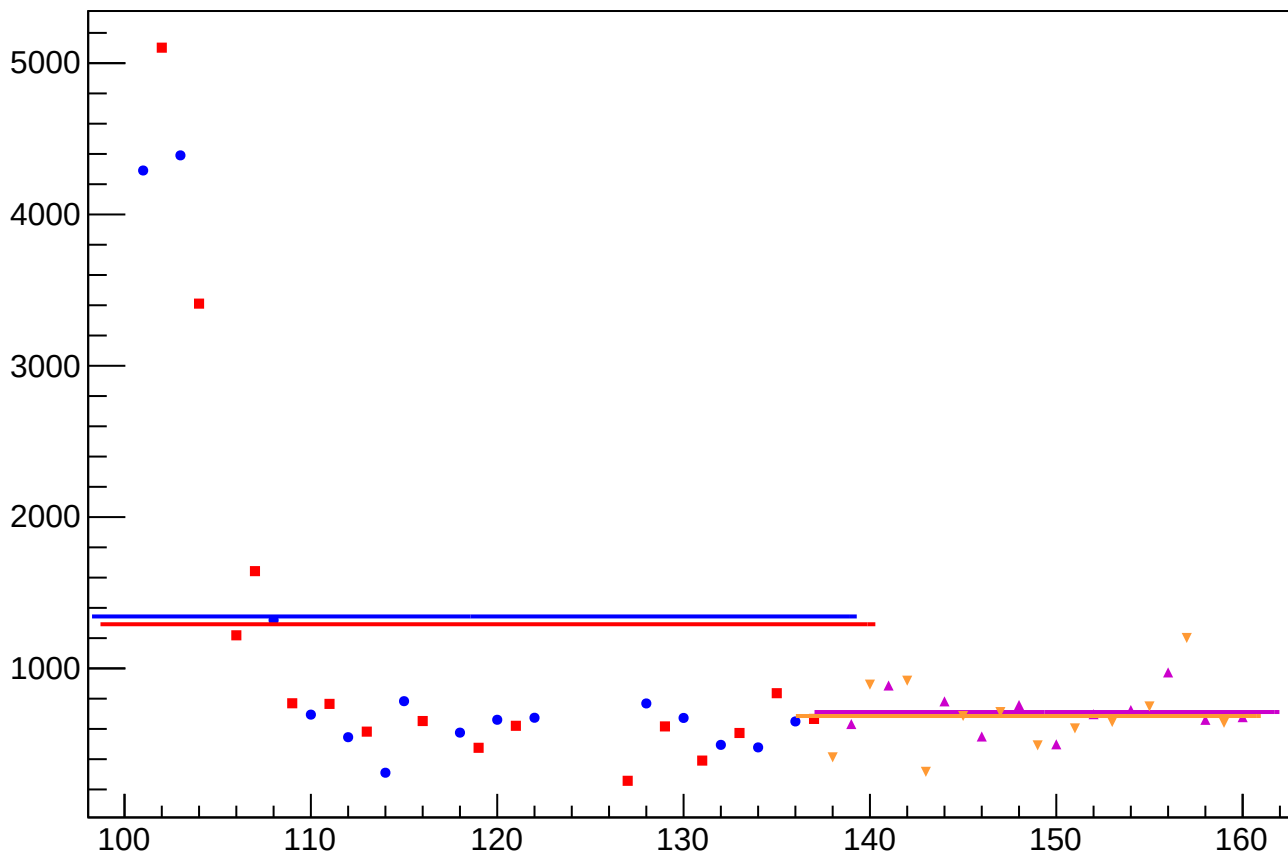
dit_atl2_coil6_mean vs Slug



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

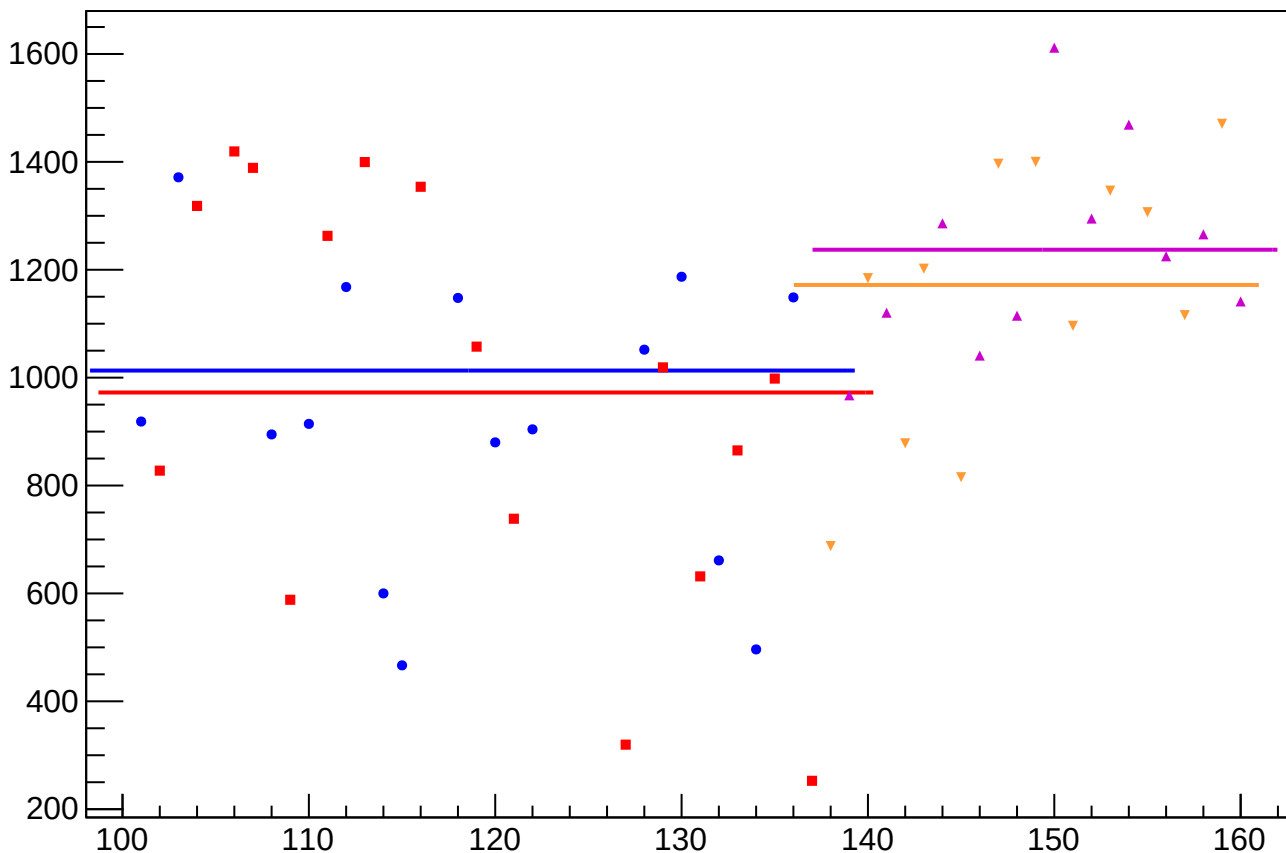
+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

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

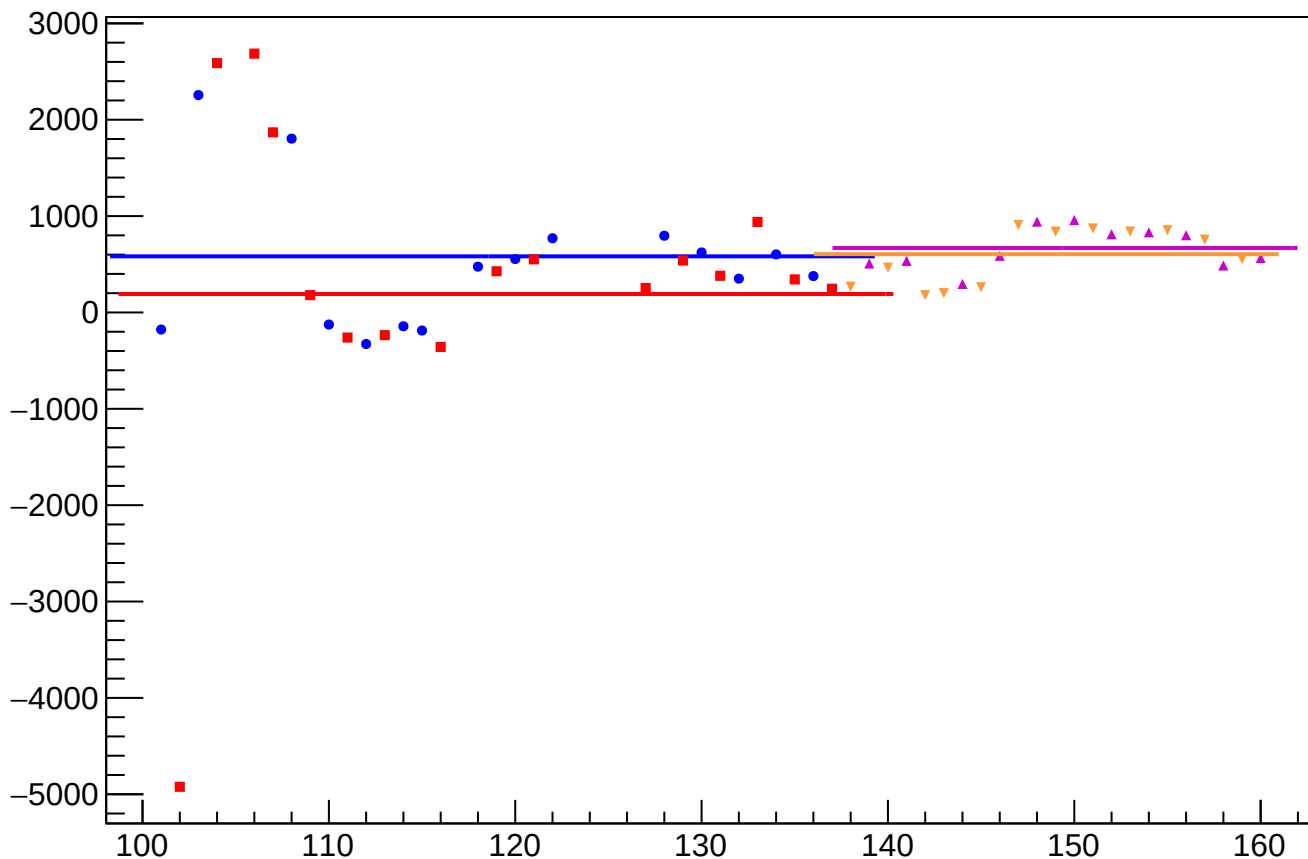
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

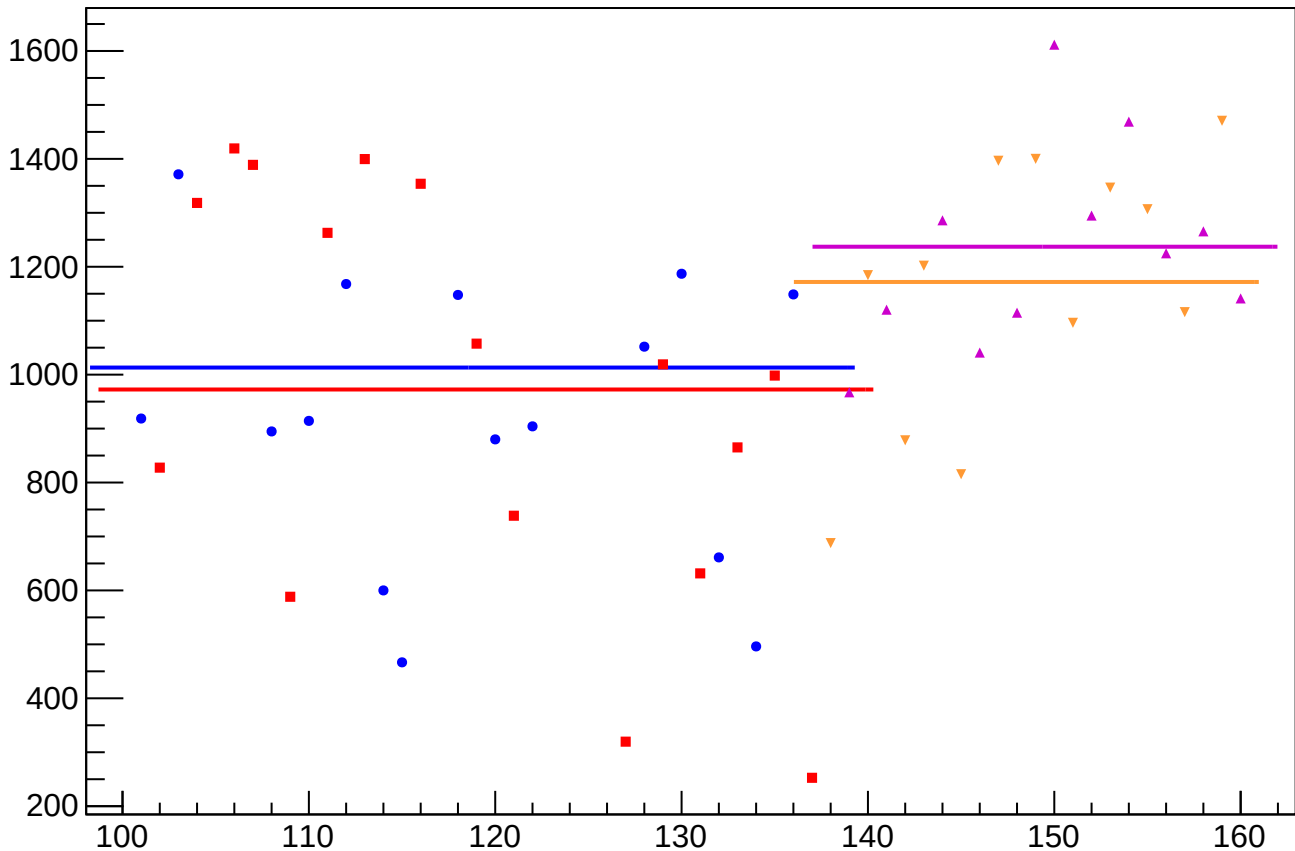
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ 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

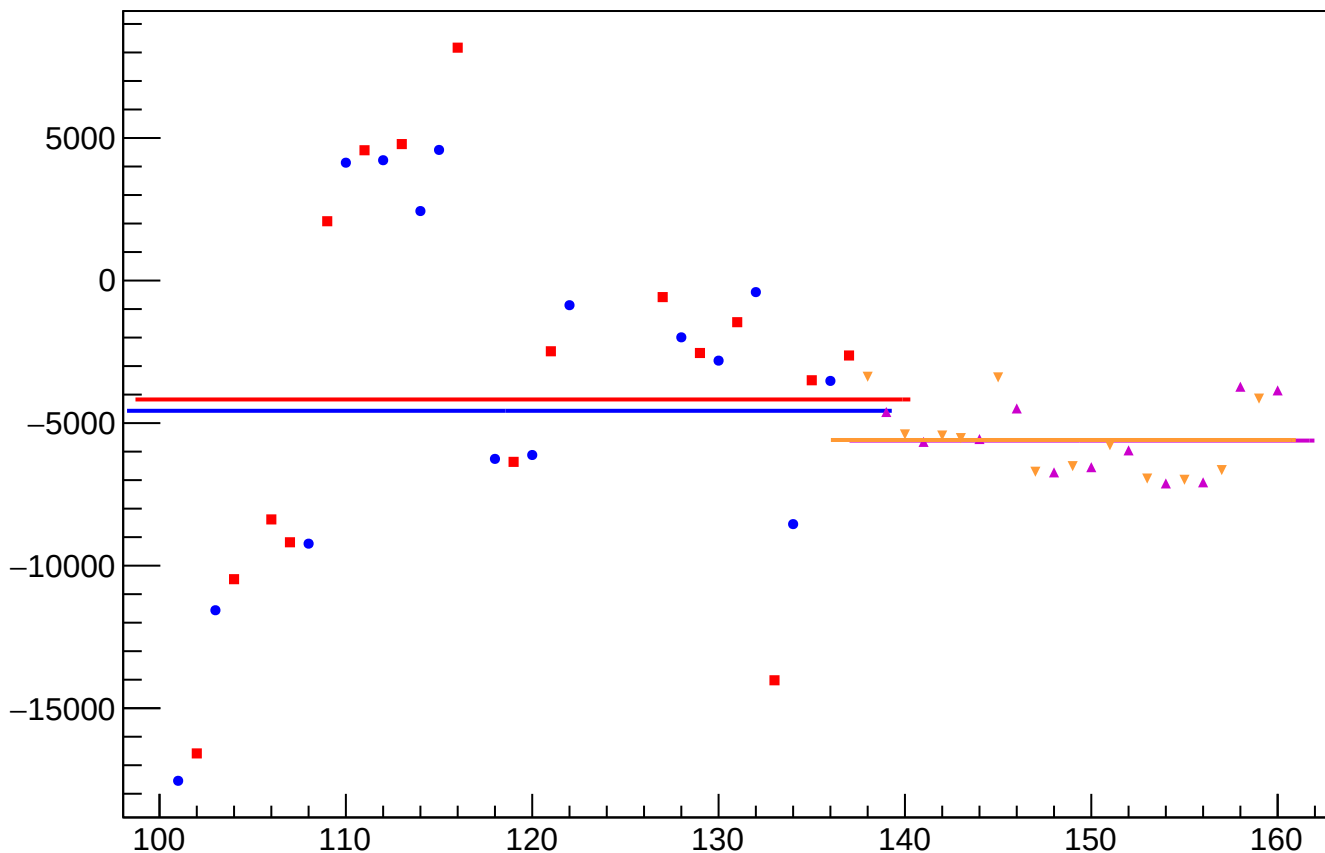
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

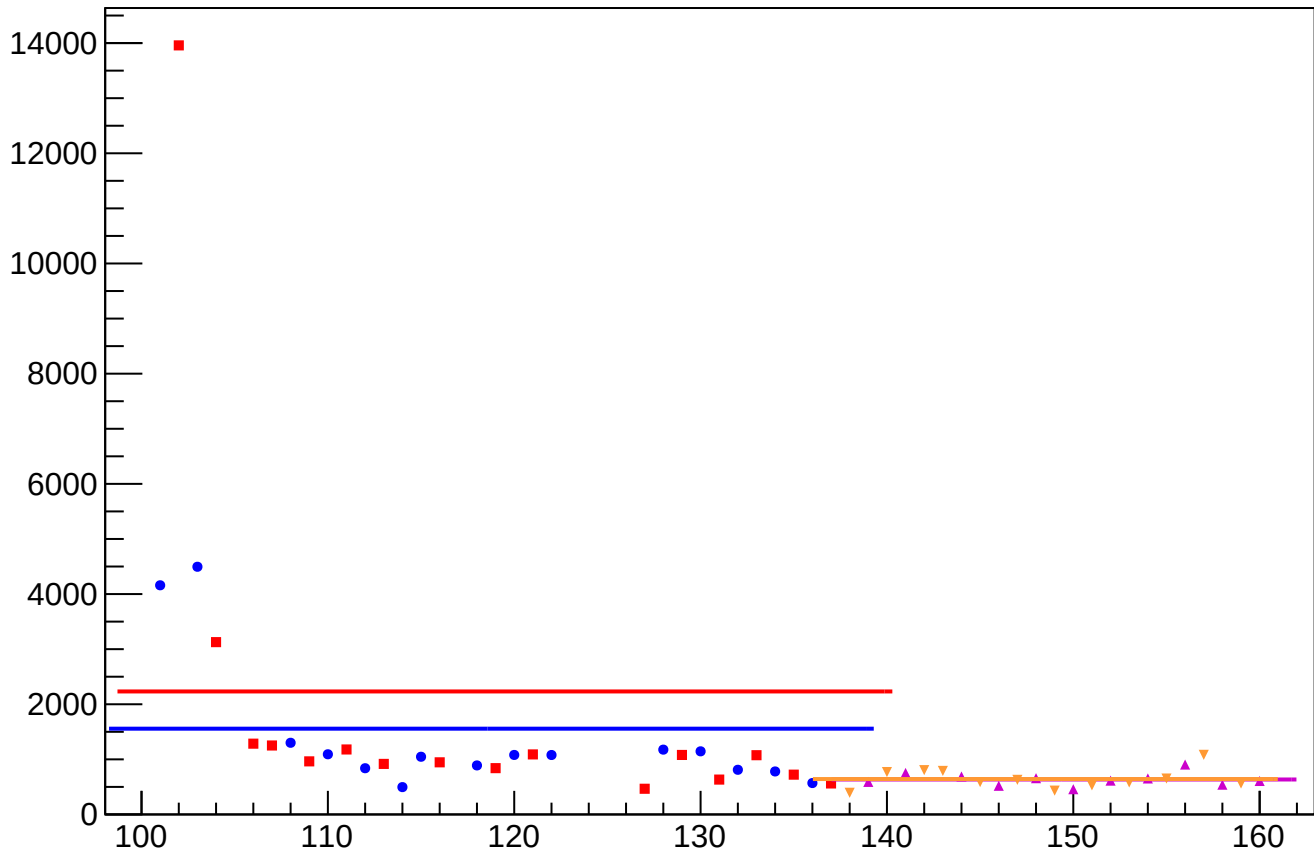
dit_atr2_coil6_mean vs Slug



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

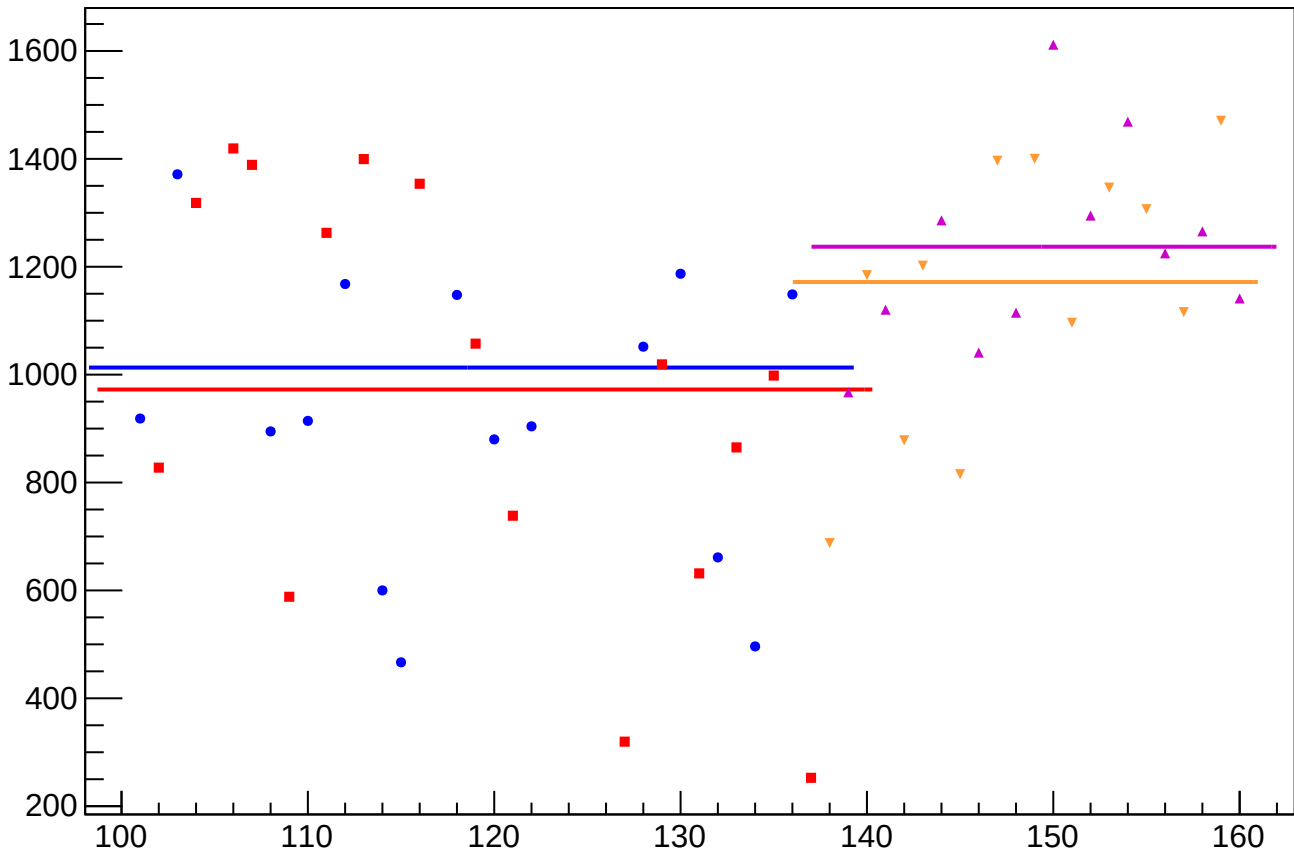
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

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

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

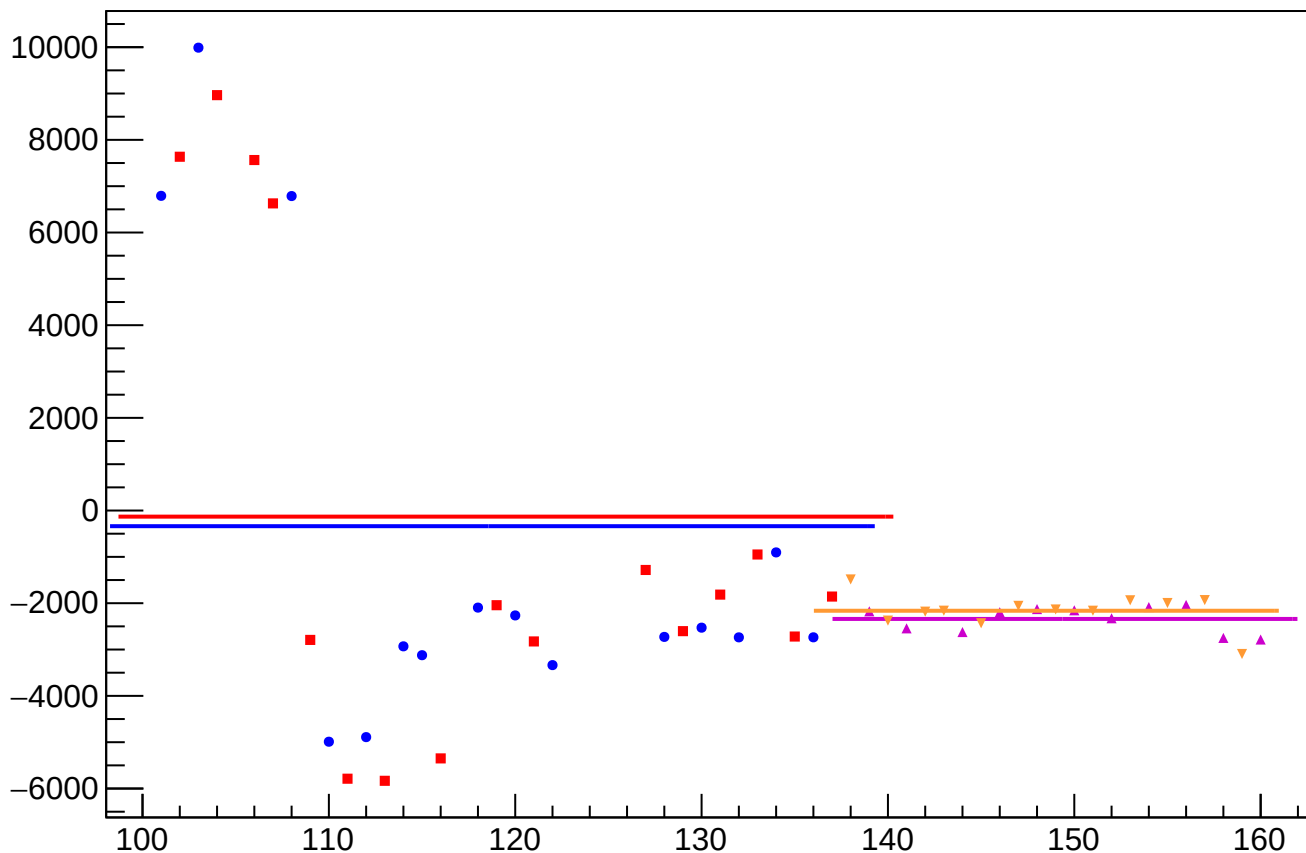
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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_sam1_coil6_mean vs Slug



Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$

Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$

Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$

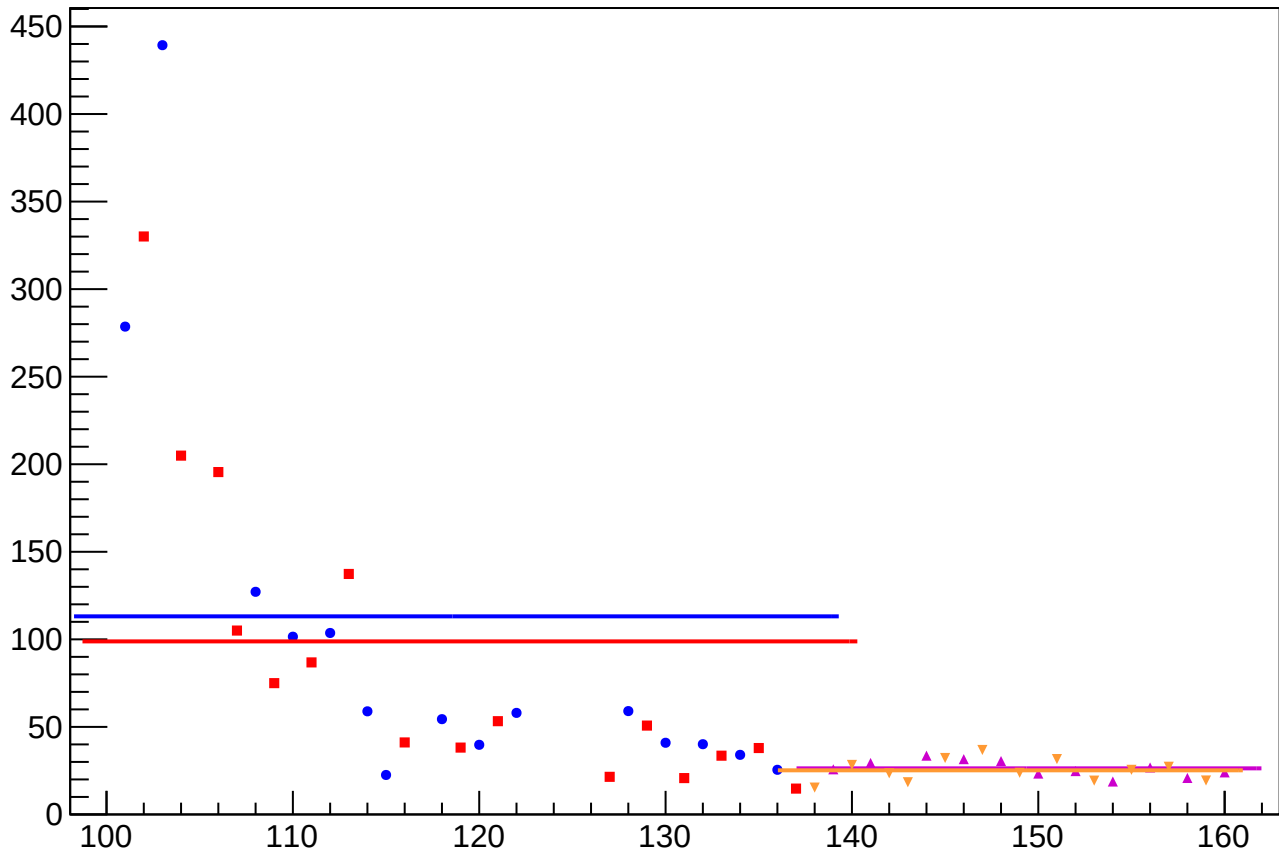
Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$

+ sign -1405.071 ± 0.000 $\chi^2/\text{NDF}: 1654286779746$

All: -1409.541 ± 0.000 $\chi^2/\text{NDF}: 3496770485$

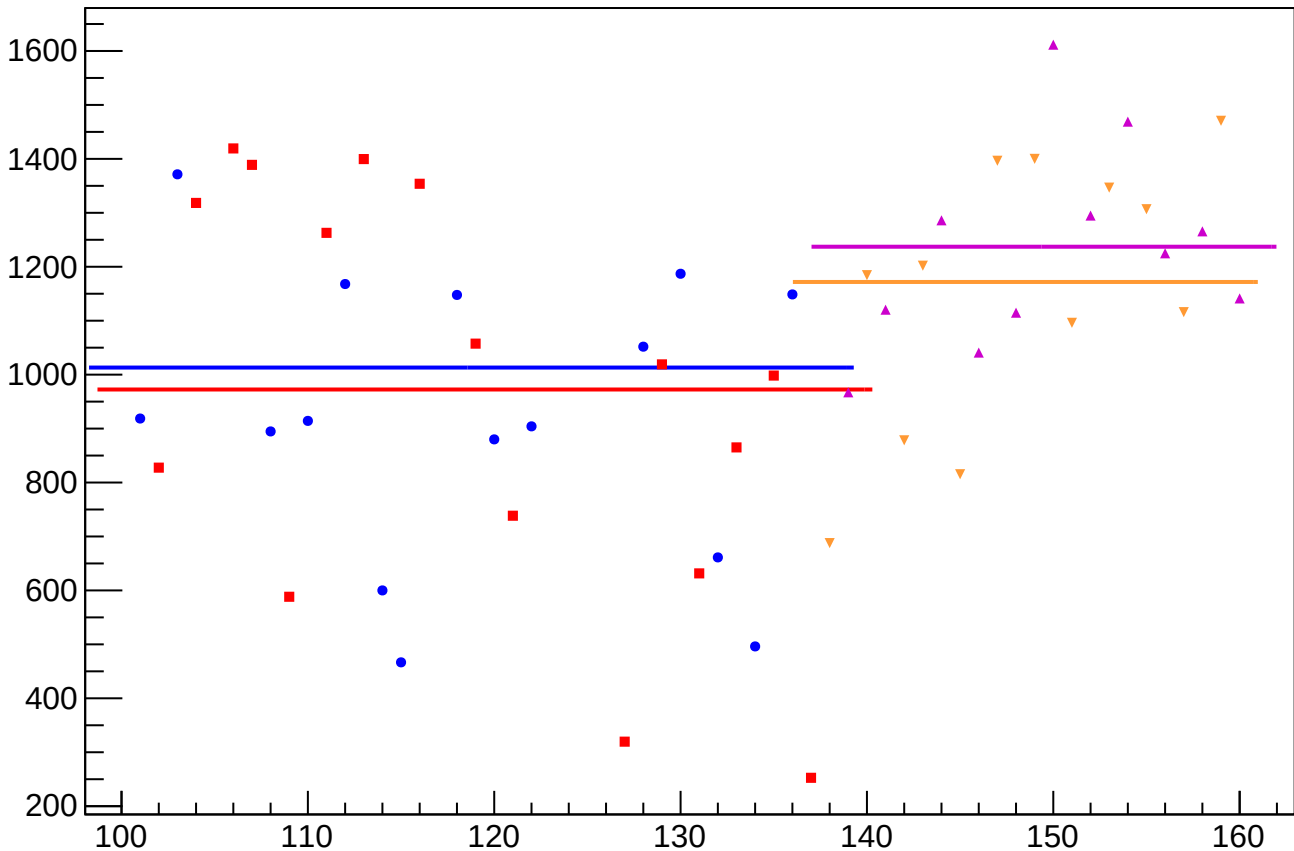
- sign -1413.933 ± 0.000 $\chi^2/\text{NDF}: 18424775138160$

dit_sam1_coil6_err_mean vs Slug



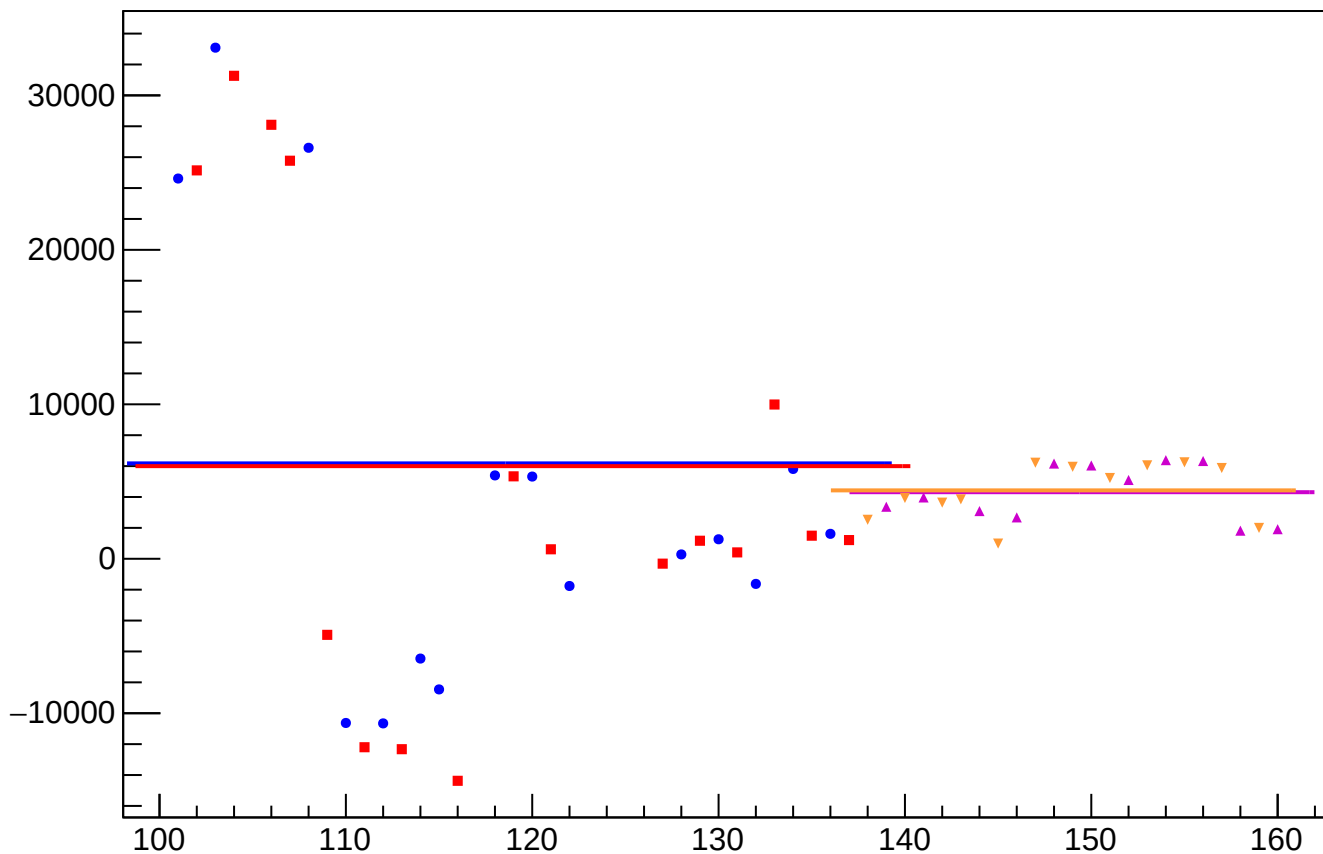
Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.204 $\pm$ 0.000 χ^2 /NDF: 35340998729966912863138320392126464.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2 /NDF: 18142873408814573481950758043648000.0/10

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

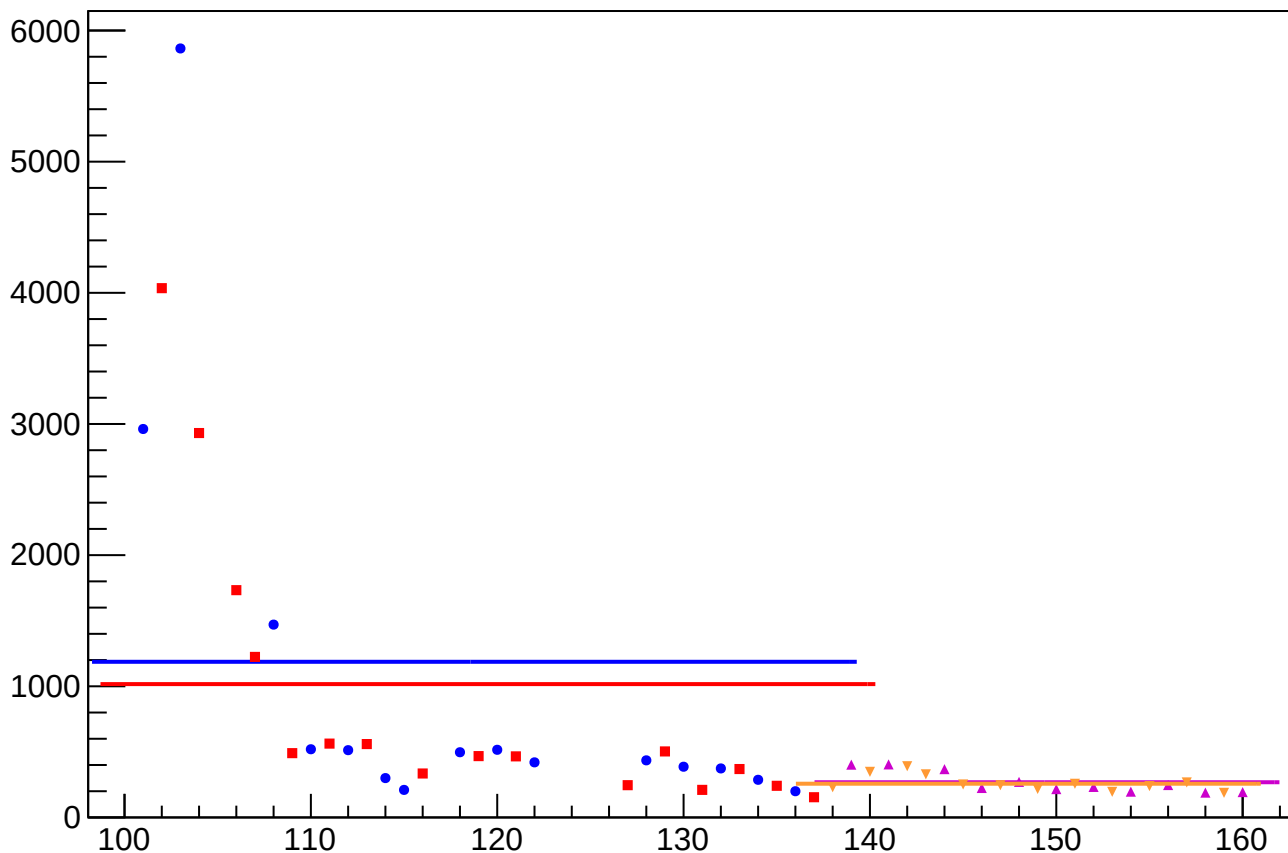
dit_sam2_coil6_mean vs Slug



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

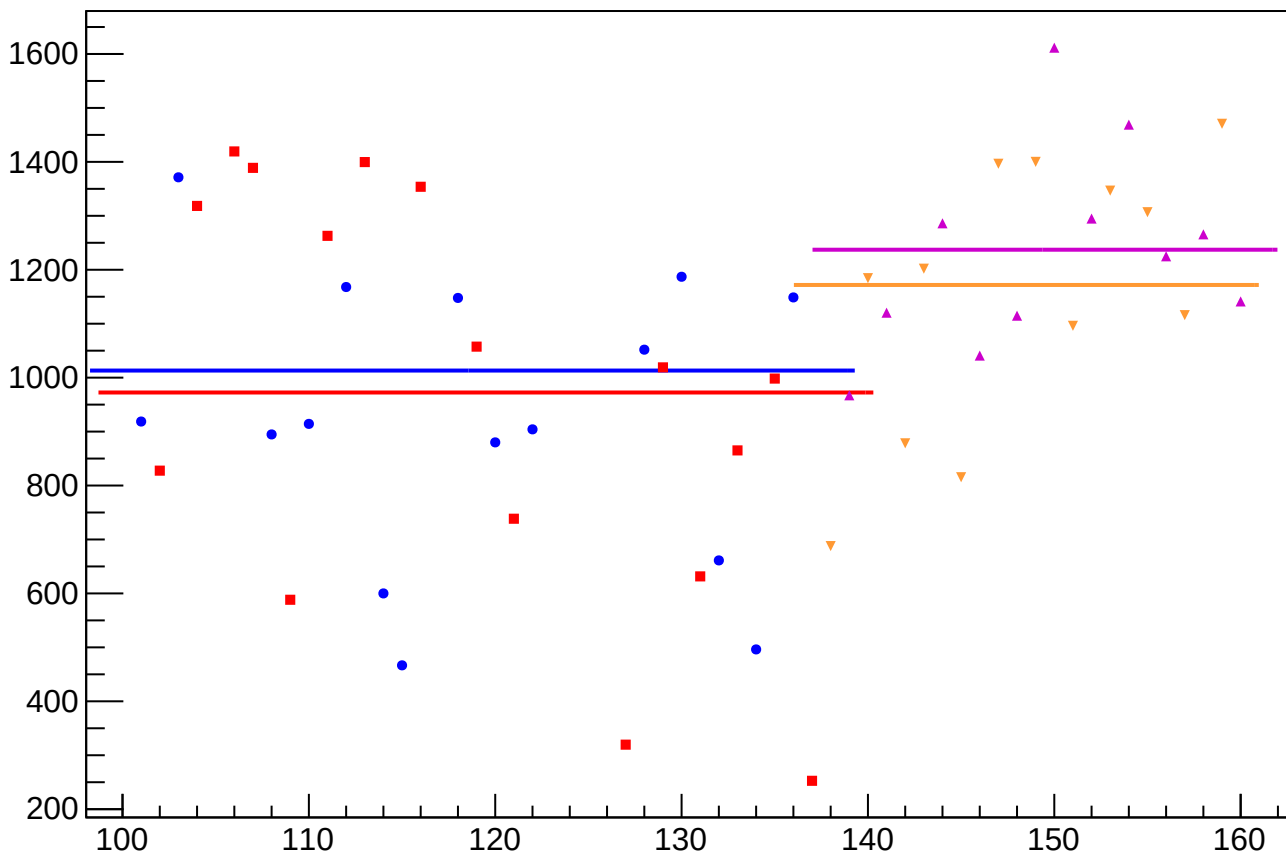
+ sign 5153.665+/-0.000 χ^2/NDF : 12131982747999
 All: 5084.951+/-0.000 χ^2/NDF : 26218080052
 - sign 5017.446+/-0.000 χ^2/NDF : 14084634301440

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

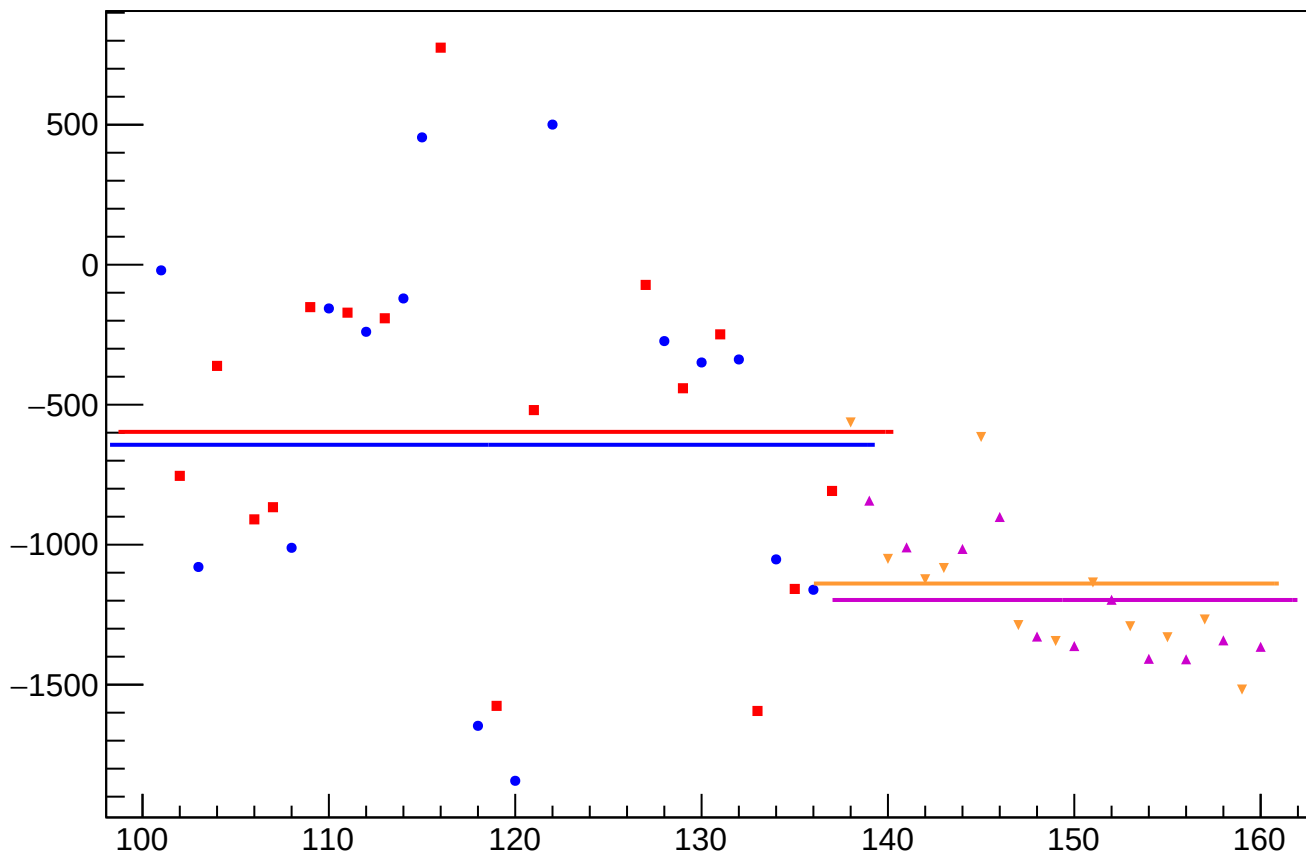
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

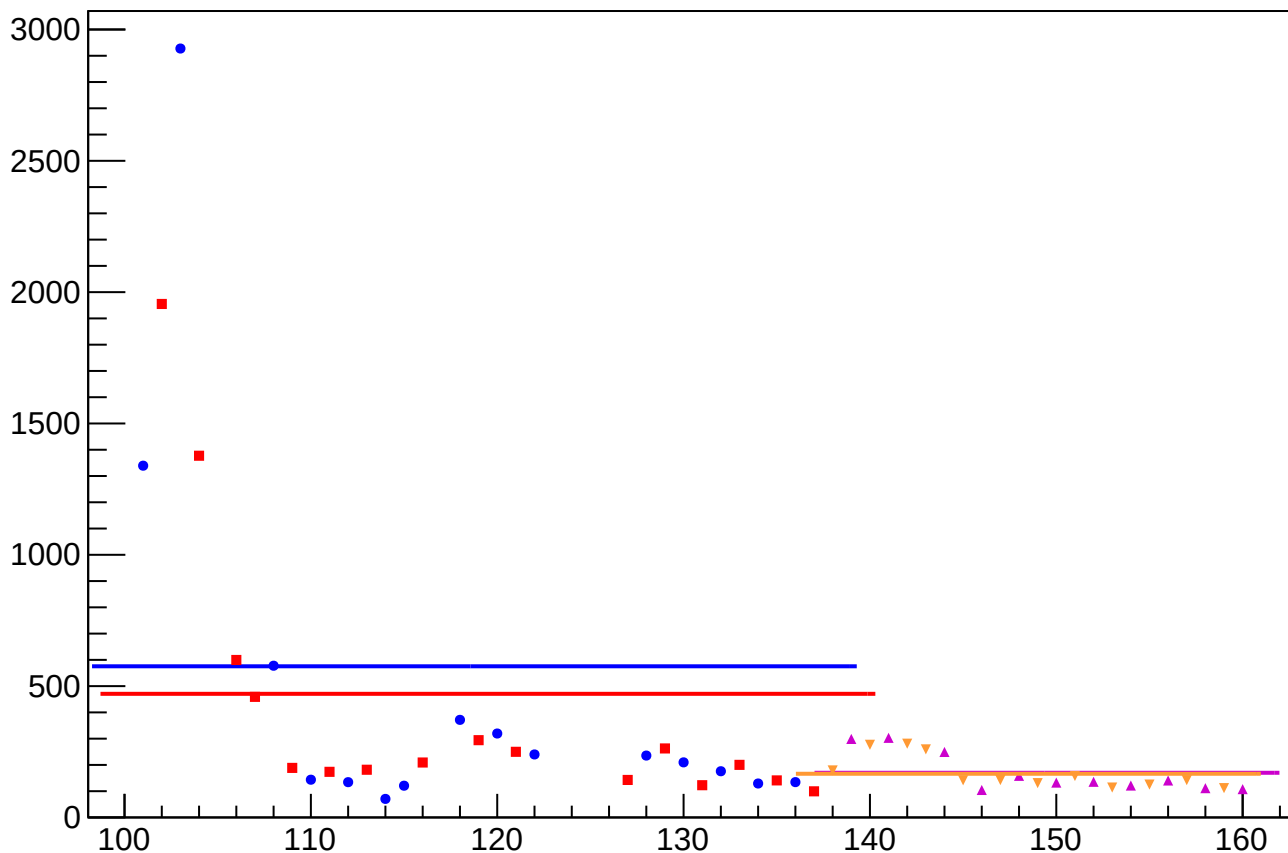
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ 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

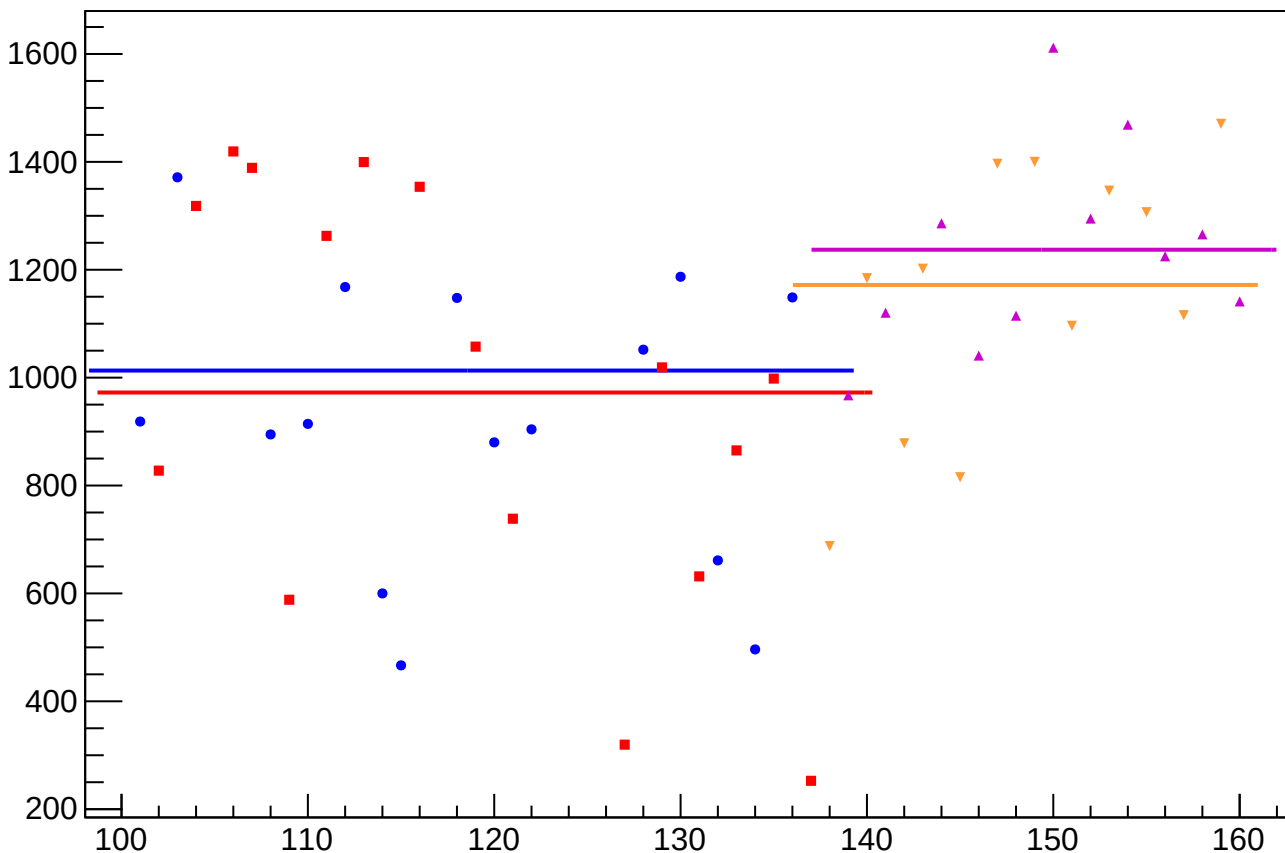
All: 316.009+/-0.000 χ^2/NDF : 749713374727

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

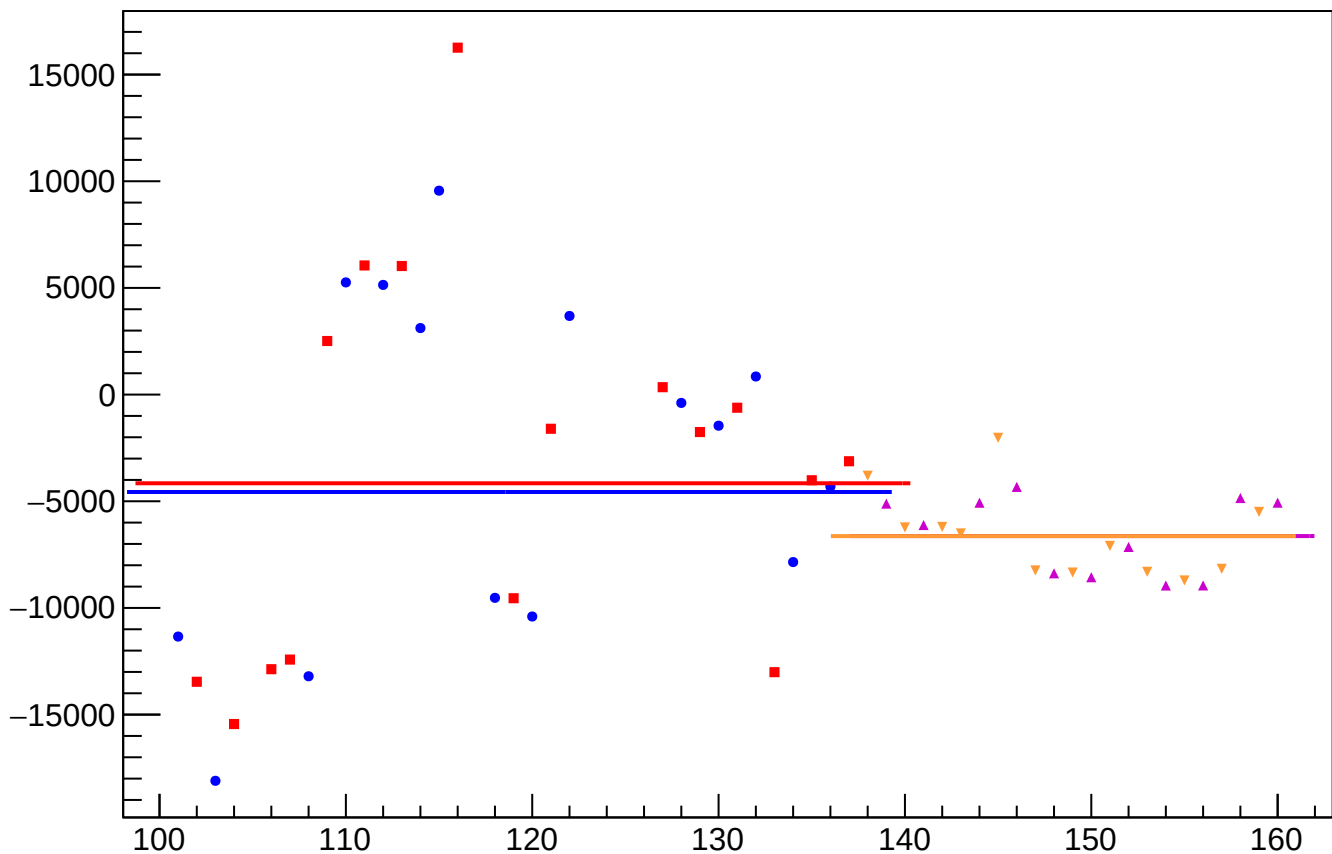
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

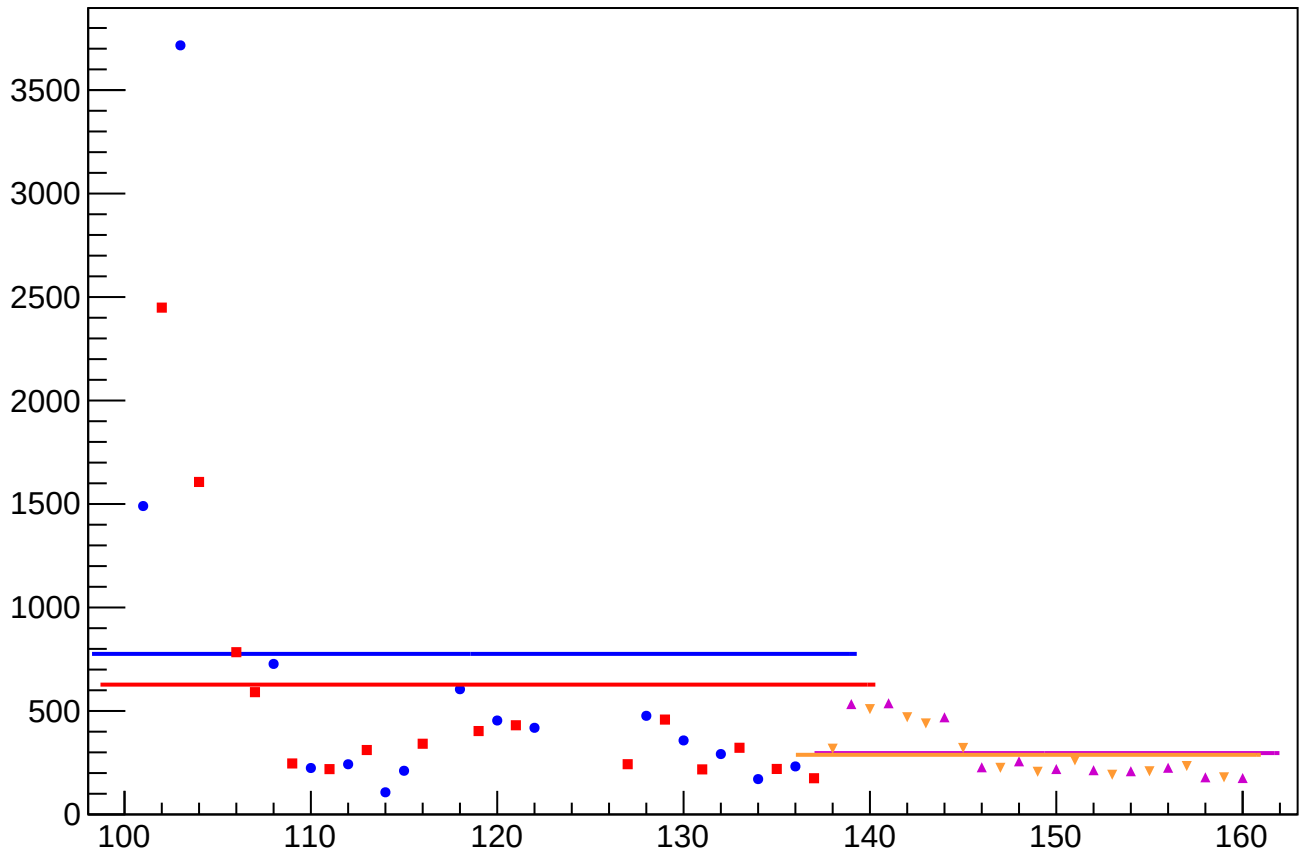
dit_sam4_coil6_mean vs Slug



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

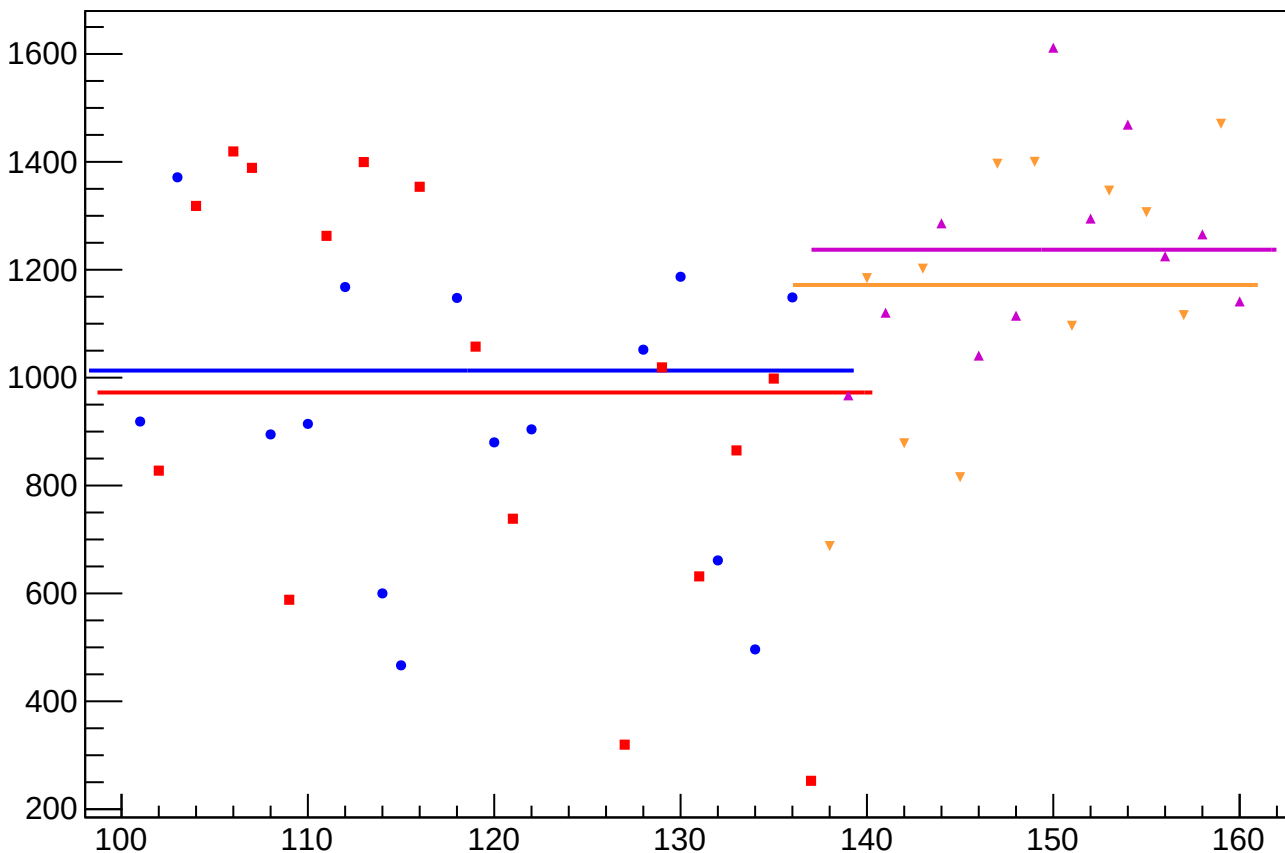
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ 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

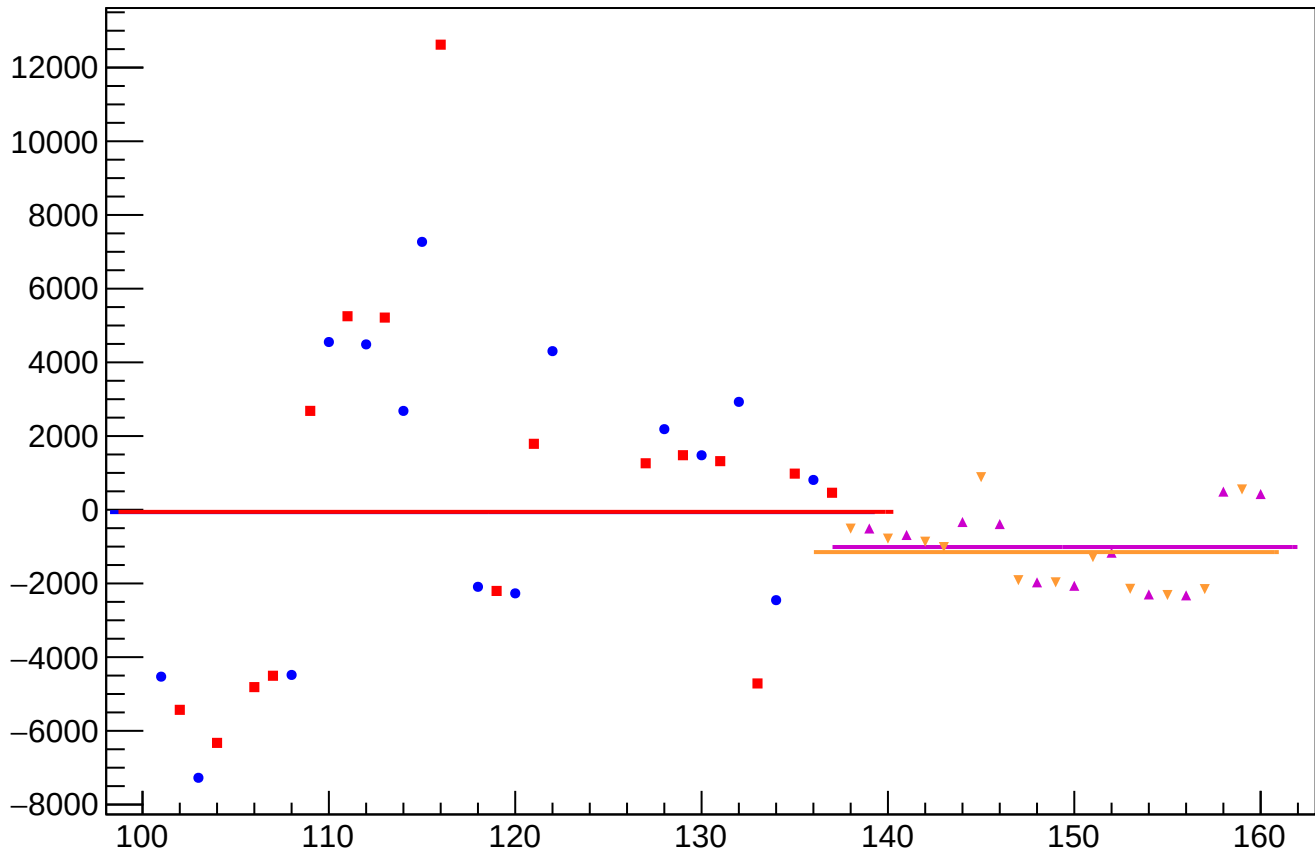
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

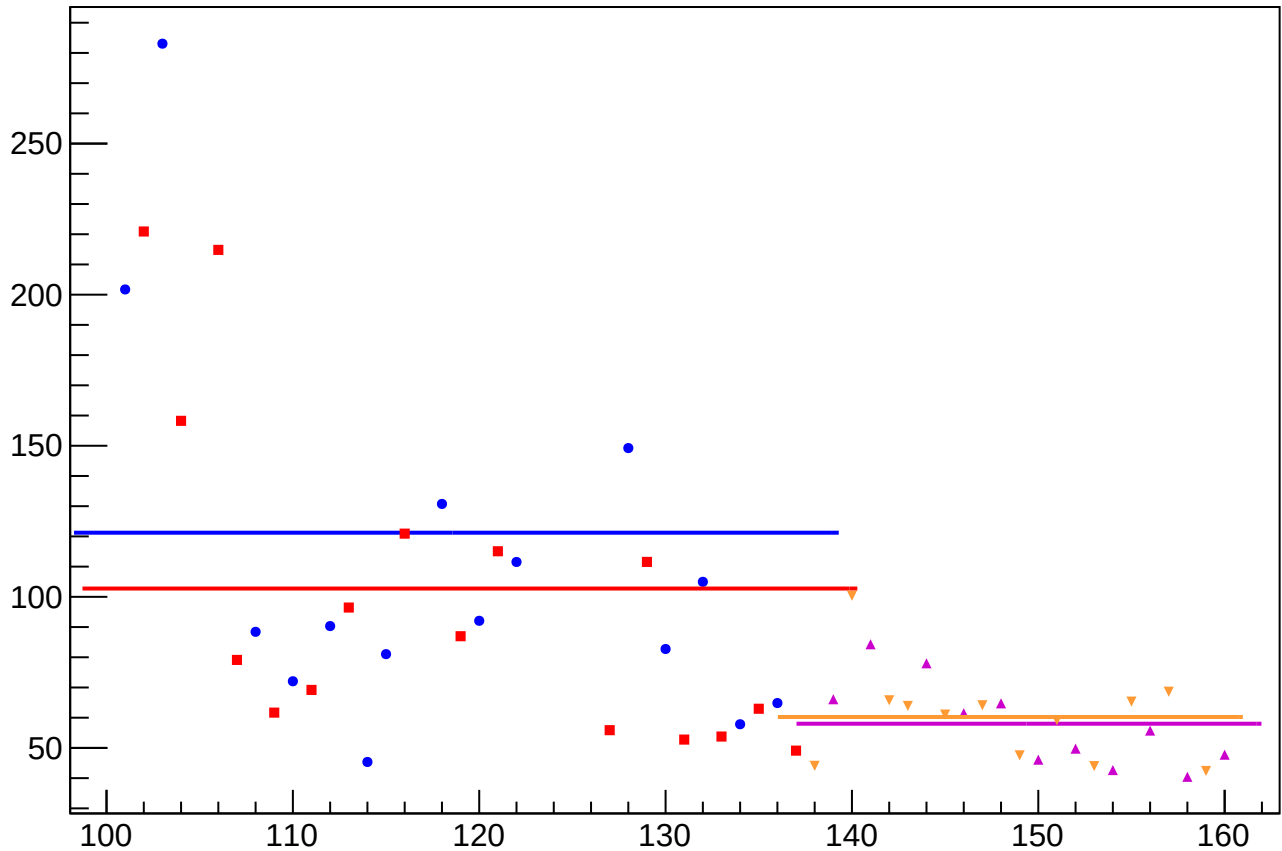
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_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+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

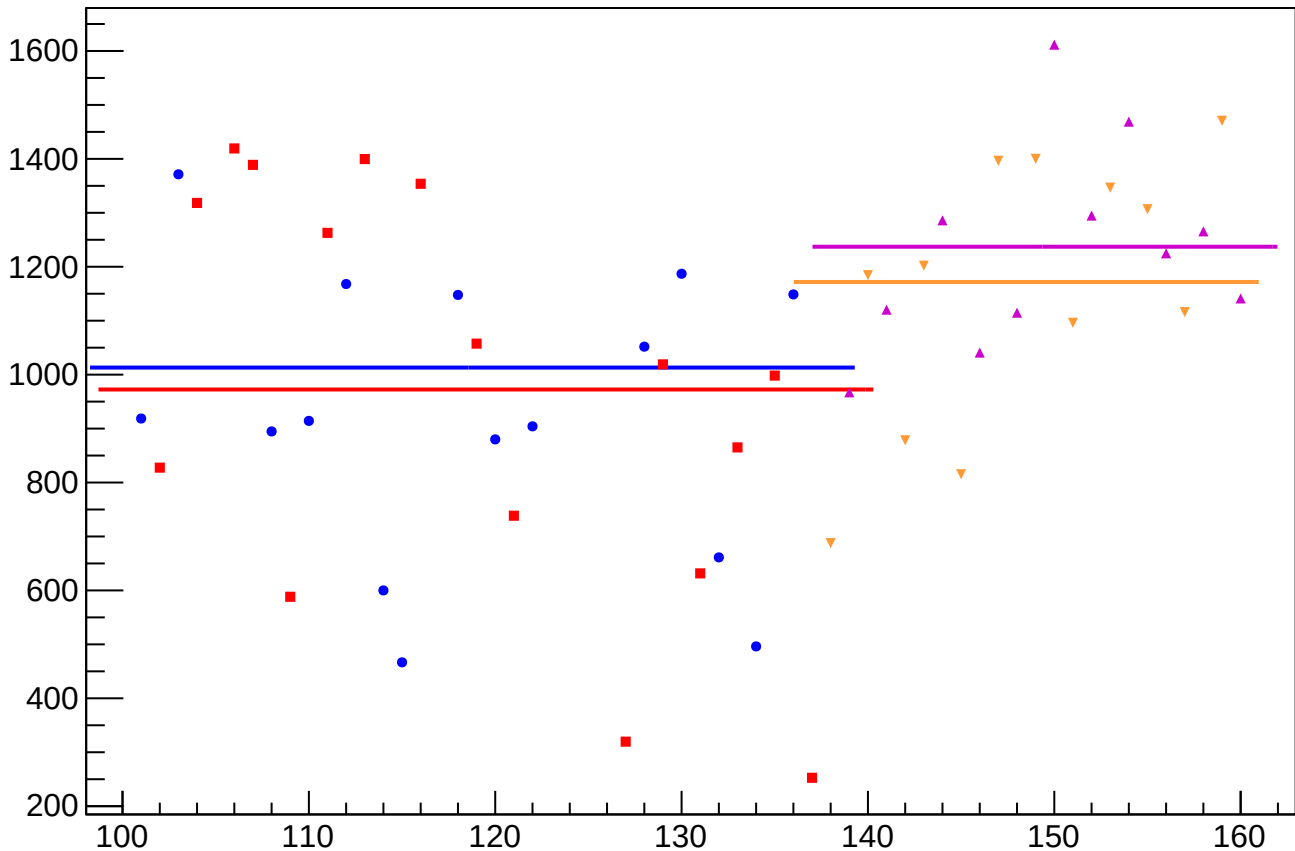
Left Out: 60.239+/-0.000 χ^2/NDF : 225102554491032869548797845500329984.0/11

Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

Left In: 58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10

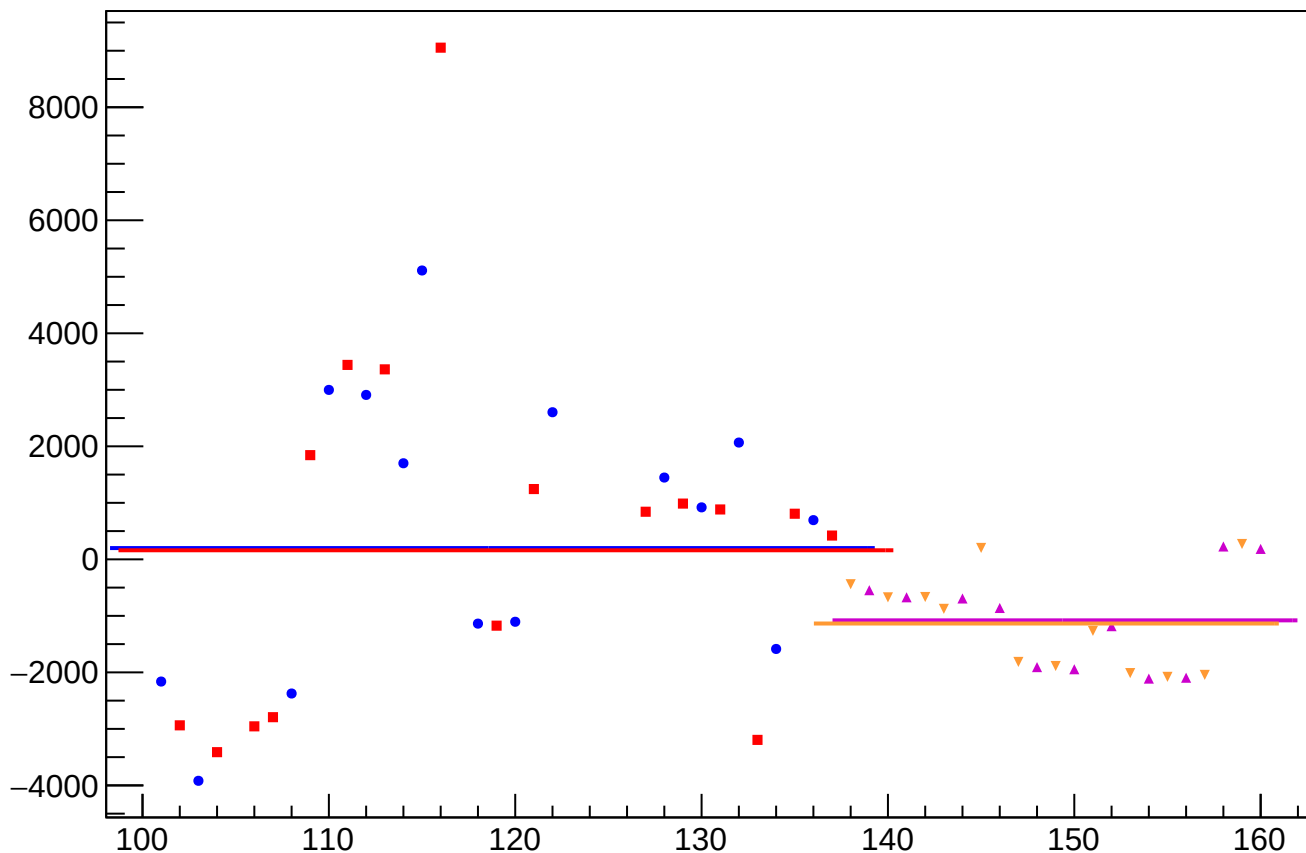
All: 81.126+/-0.000 χ^2/NDF : 7341366605629

dit_sam5_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_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

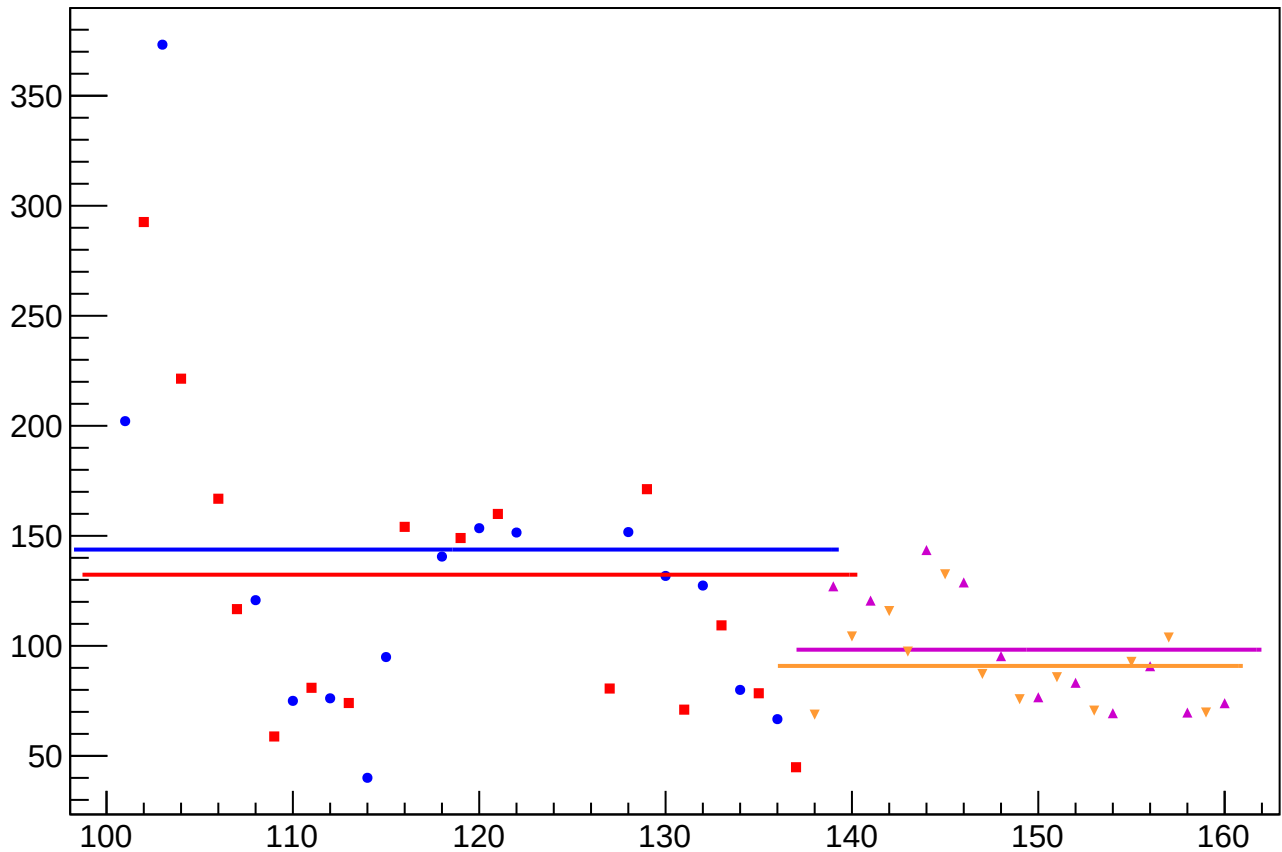
Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

All: -570.315+/-0.000 χ^2/NDF : 11490561476

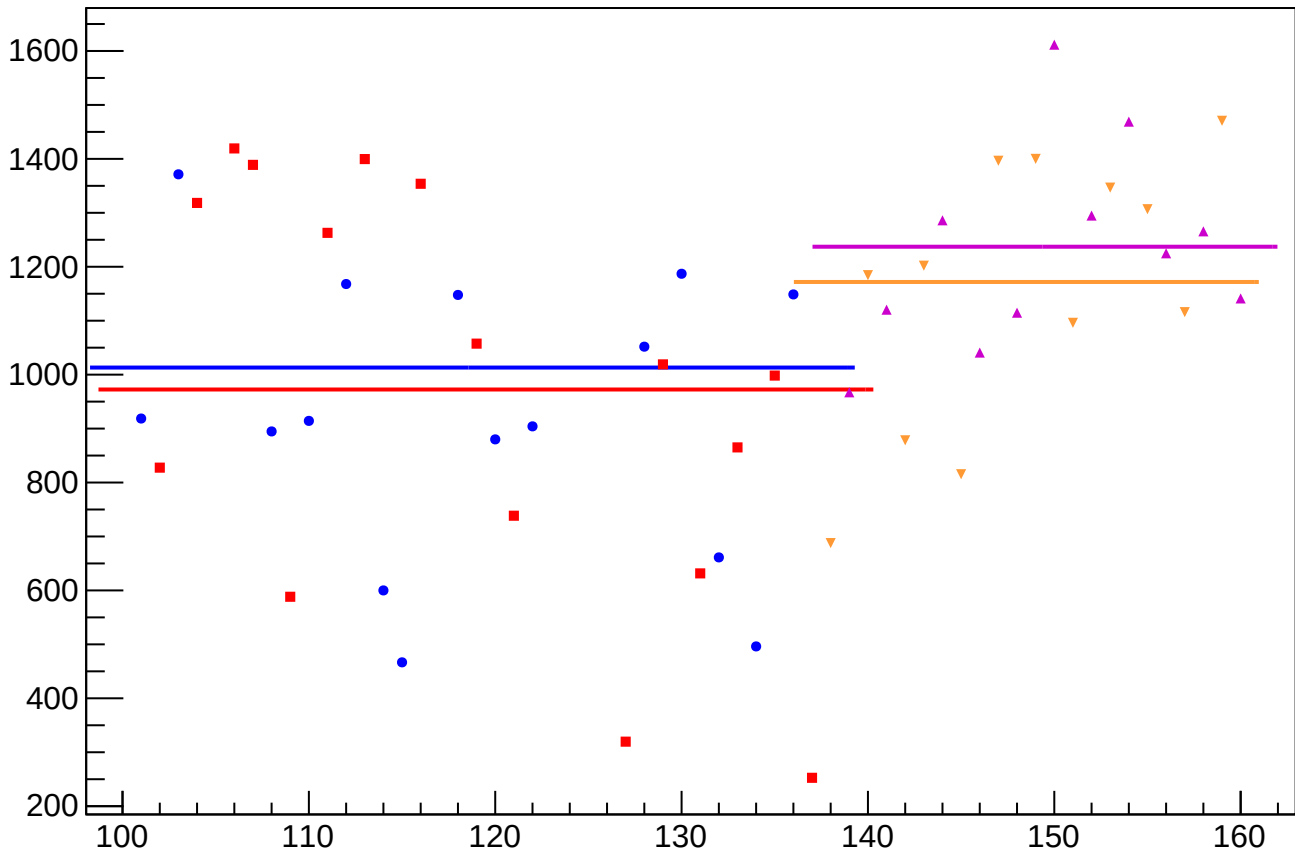
- sign -559.678+/-0.000 χ^2/NDF : 689099774035240

dit_sam6_coil6_err_mean vs Slug



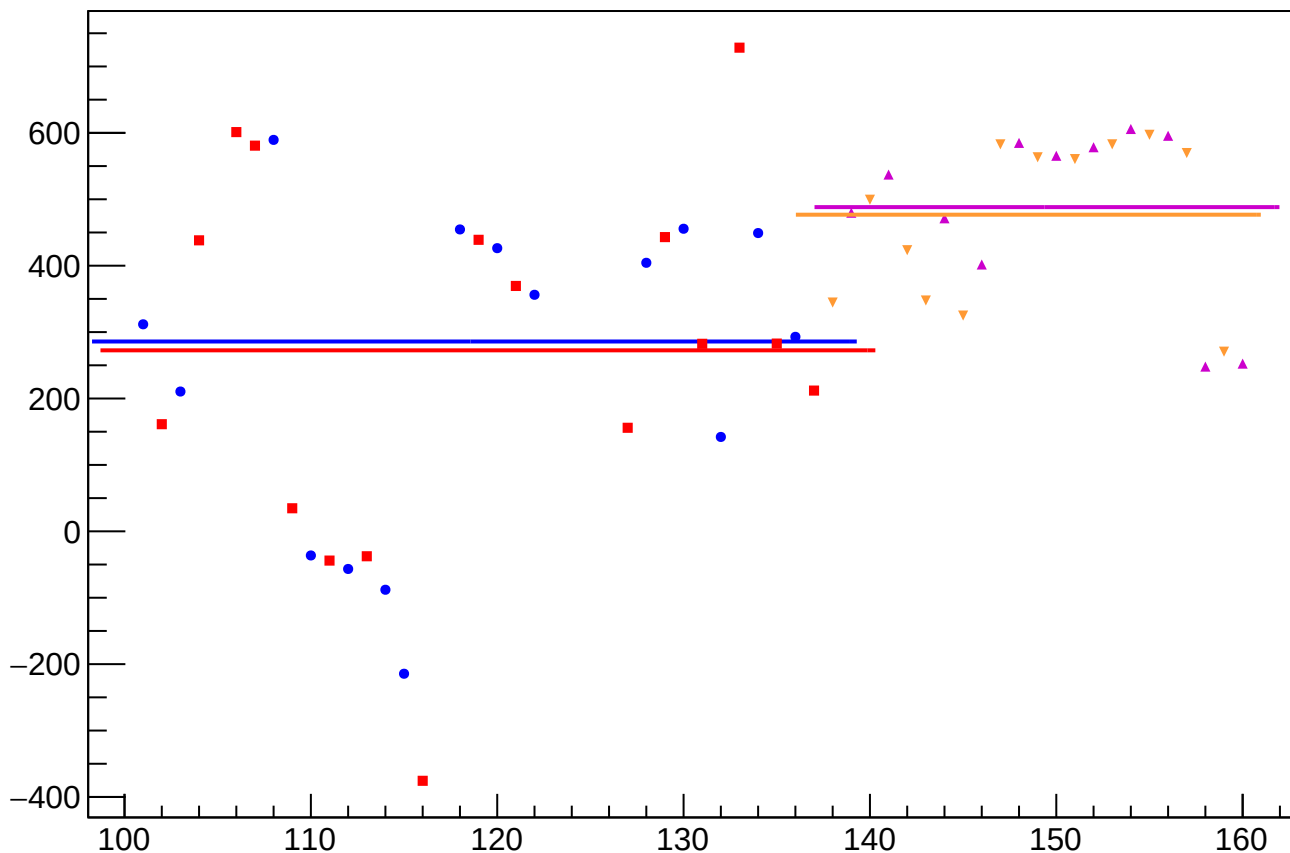
Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14
 Left Out: 90.882 $\pm$ 0.000 χ^2 /NDF: 326242734851411629220497356388040704.0/11
 Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15
 Left In: 98.257 $\pm$ 0.000 χ^2 /NDF: 6209937767730933933033369428470792192.0/10
 All: 112.691 $\pm$ 0.000 χ^2 /NDF: 101475107783
 + sign 112.840 $\pm$ 0.000 χ^2 /NDF: 590235067464096
 - sign 112.546 $\pm$ 0.000 χ^2 /NDF: 424509210993955

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807 $\pm$ 0.000 χ^2 /NDF: 52424901282098583856312492577037221888.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 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

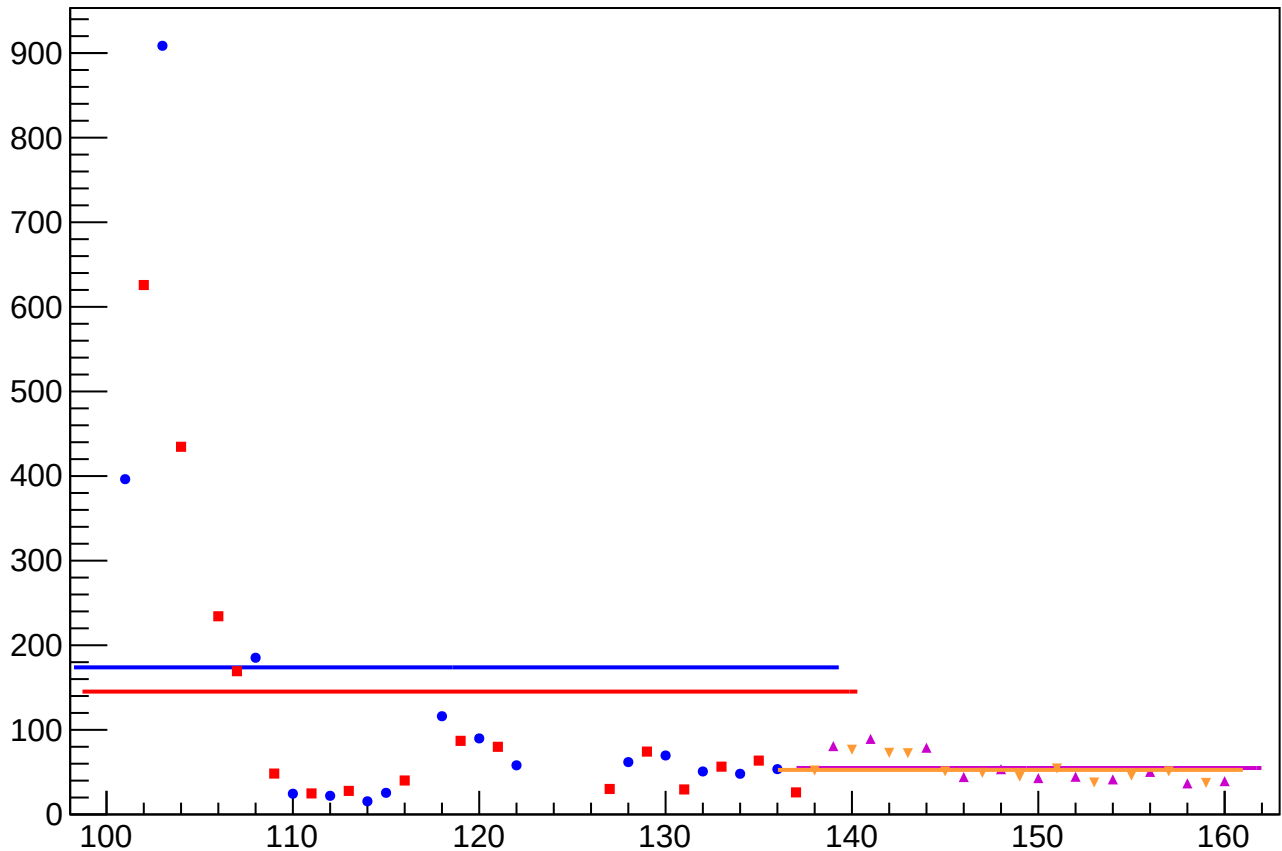
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ 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

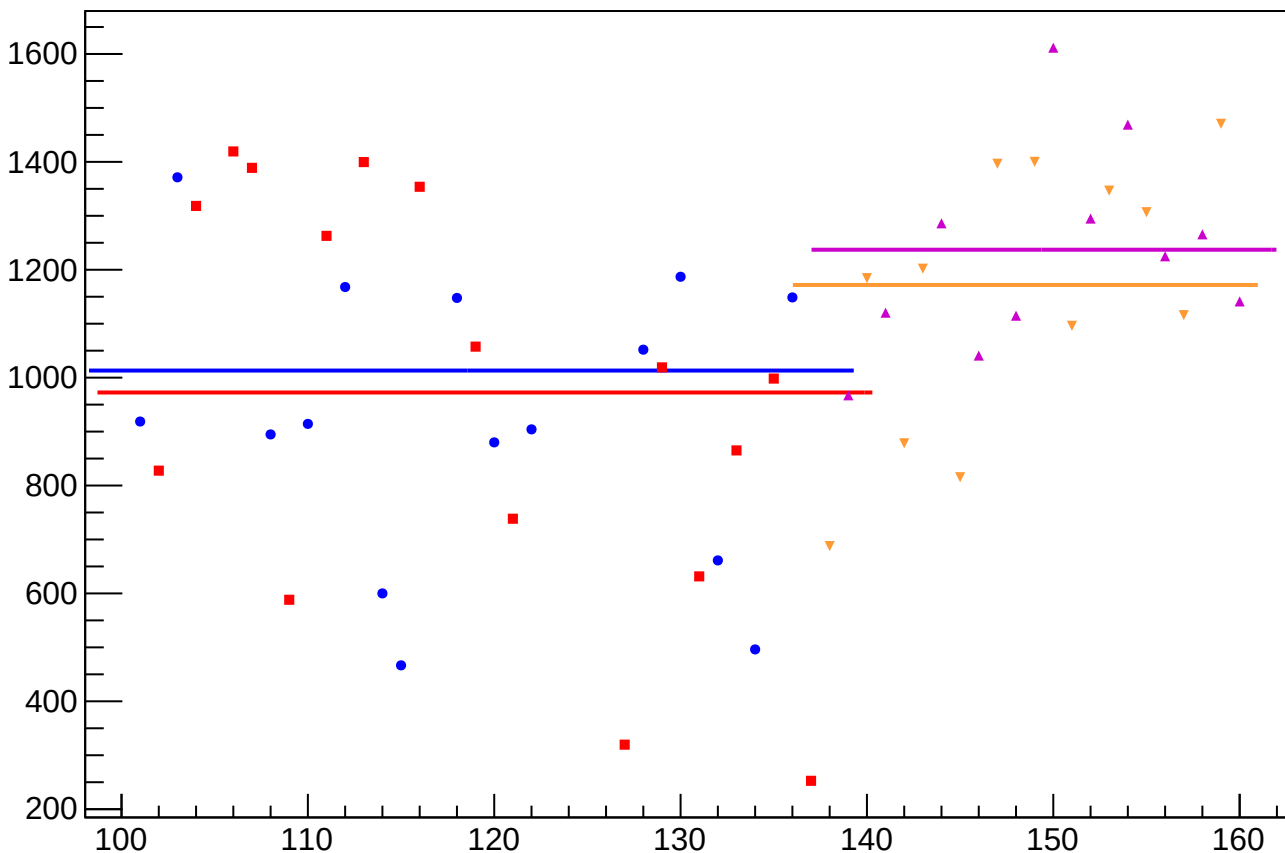
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

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

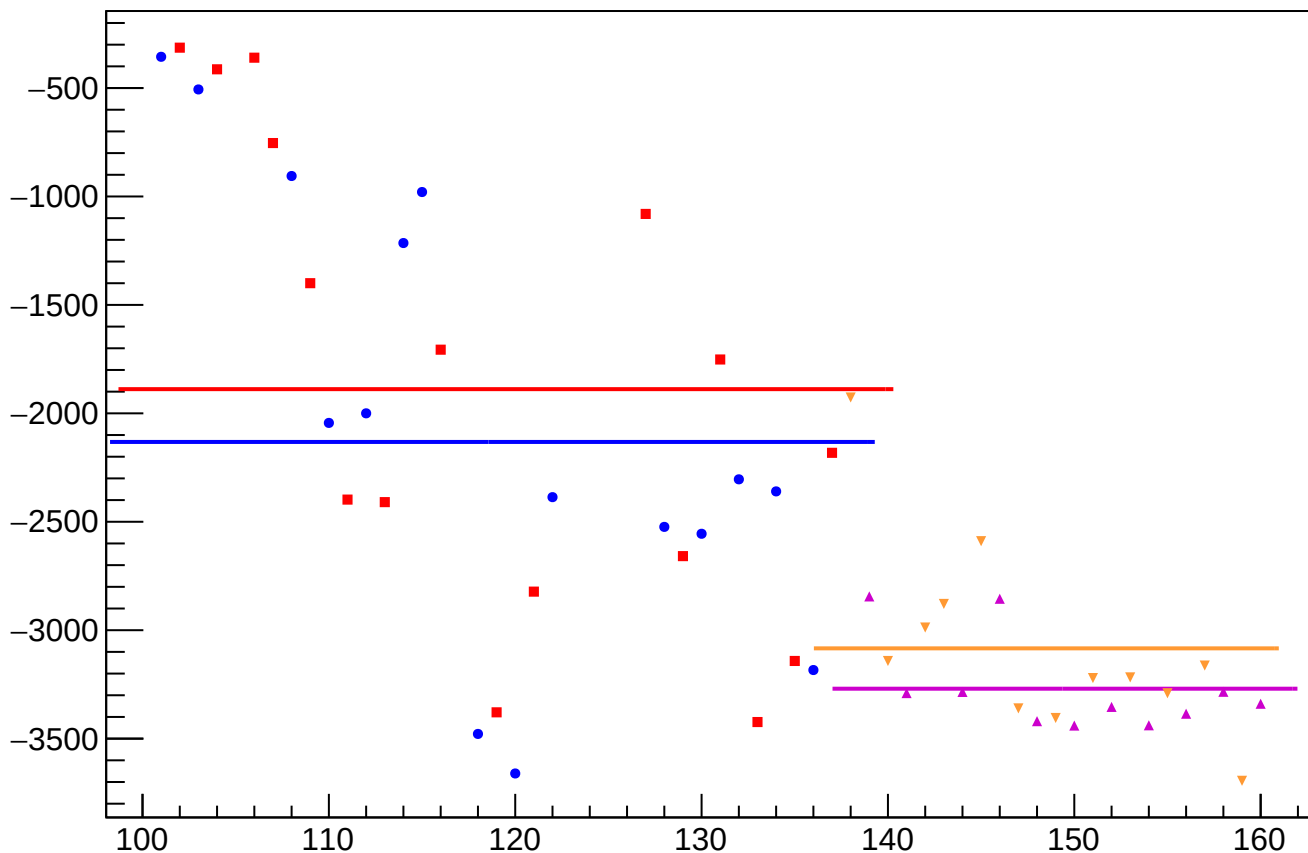
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

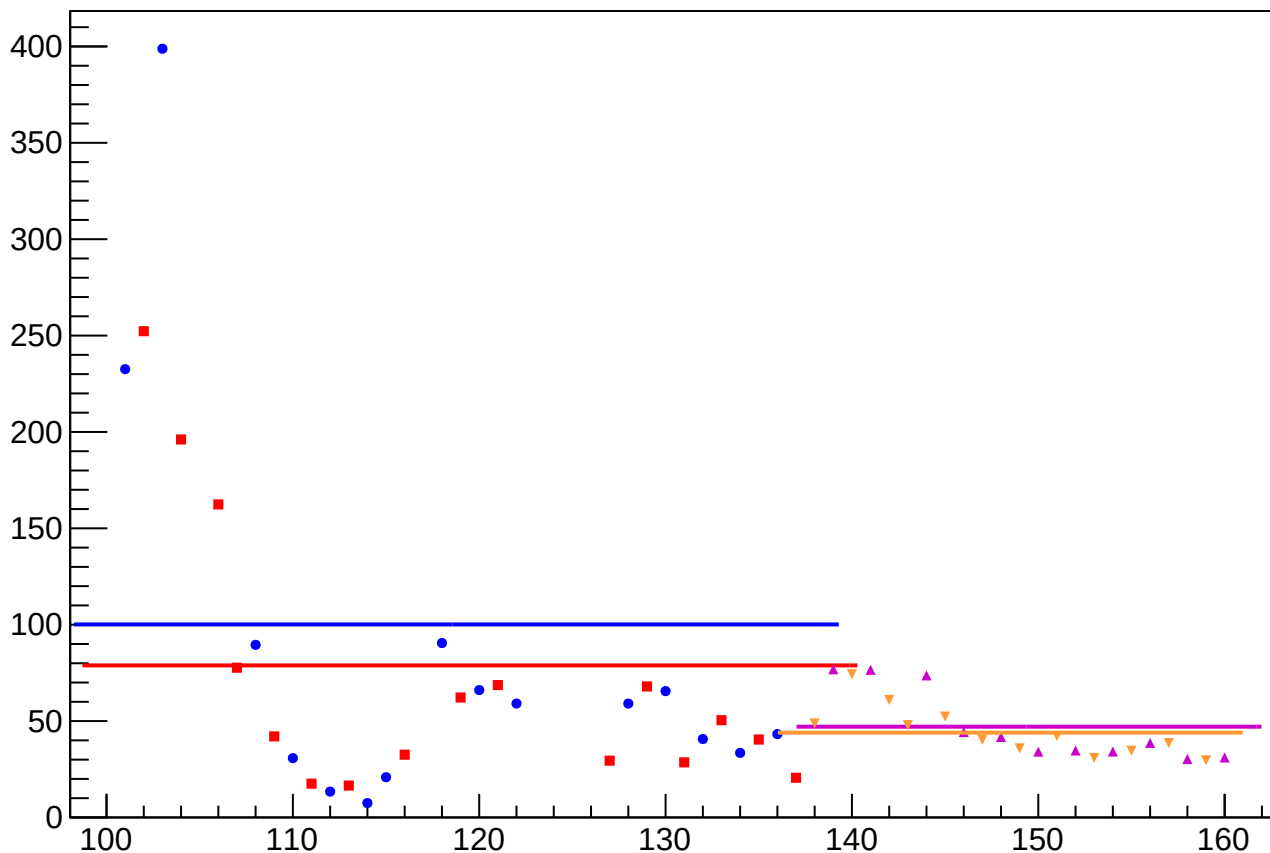
dit_sam8_coil6_mean vs Slug



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 : 1569193348626

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

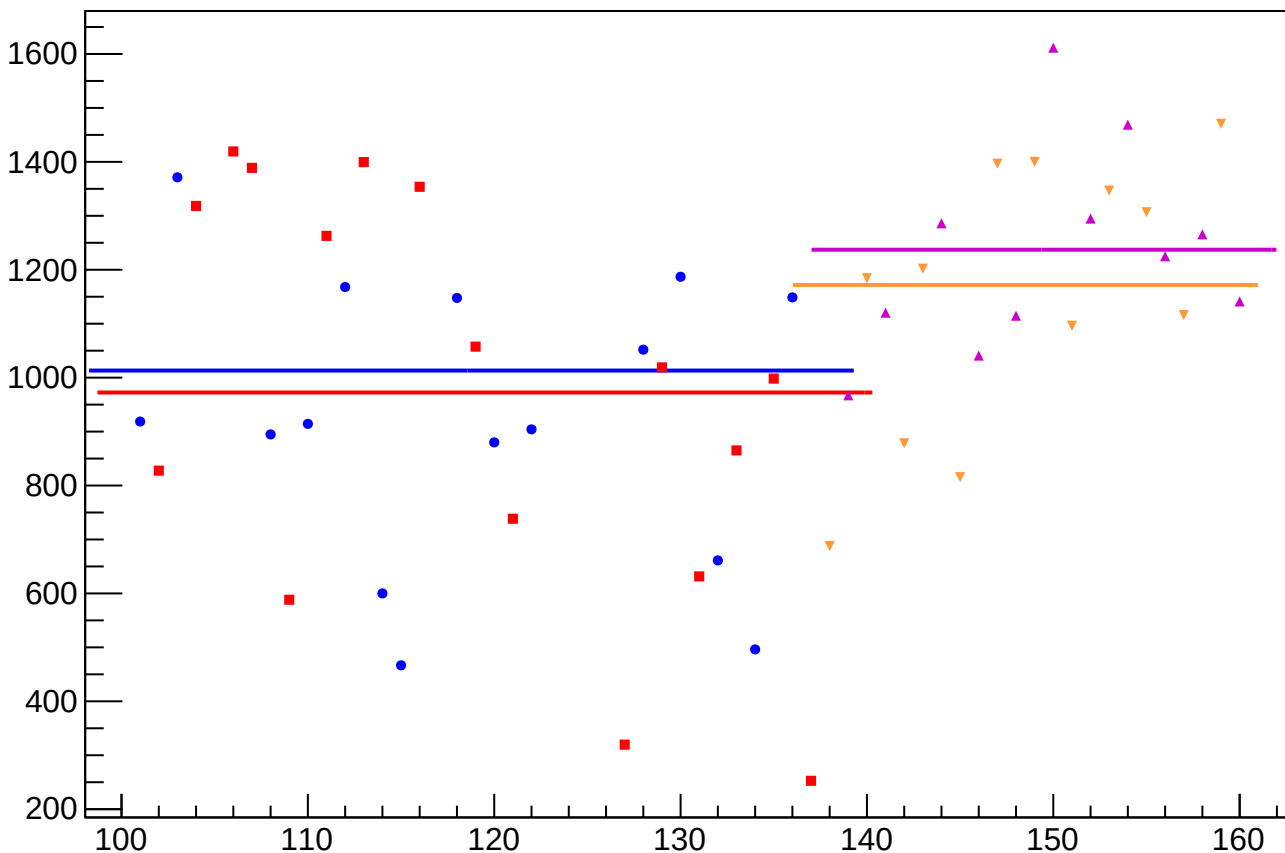
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ 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

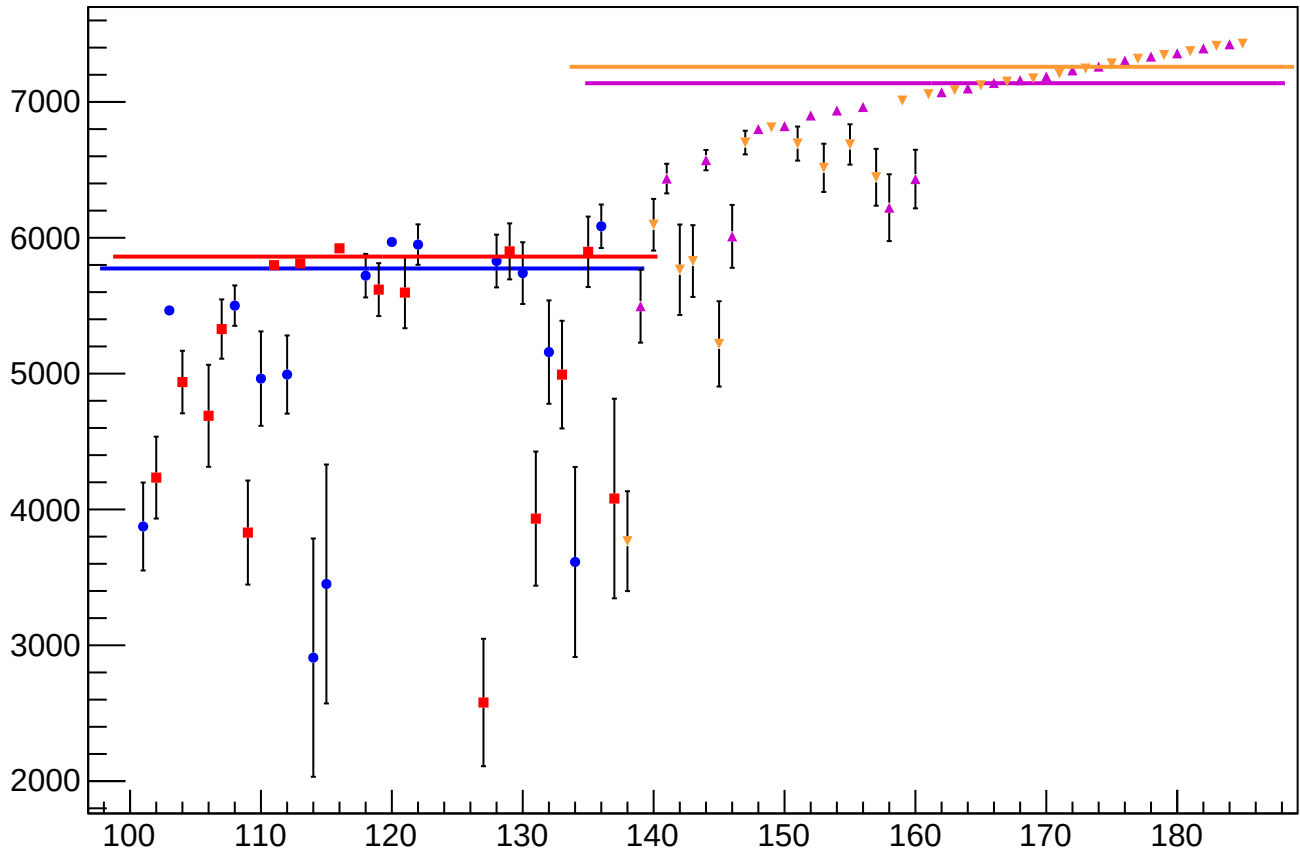
Left In: 1237.150 ± 0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

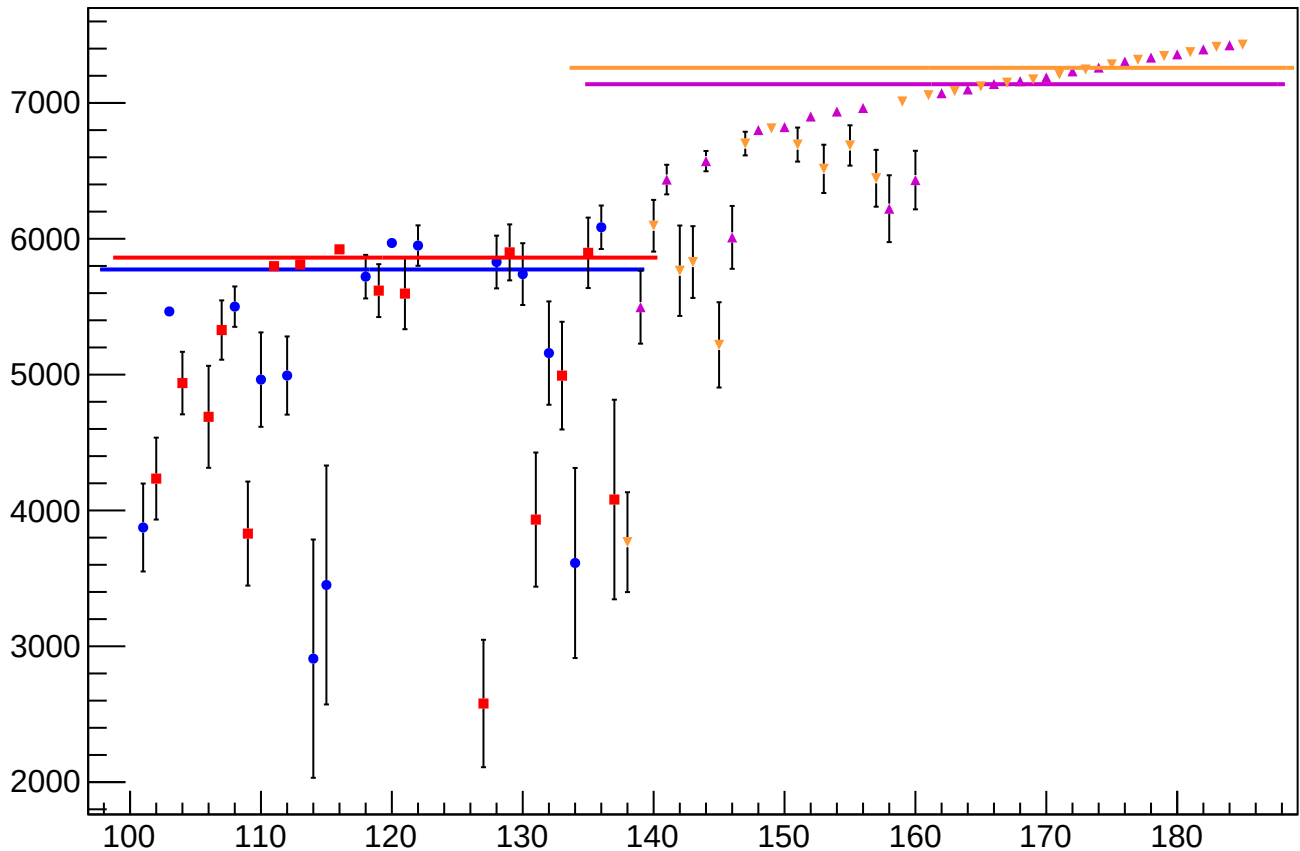
Left In: 7137.987 $\pm$ 0.098 χ^2 /NDF: 4549121.8/22

+ 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

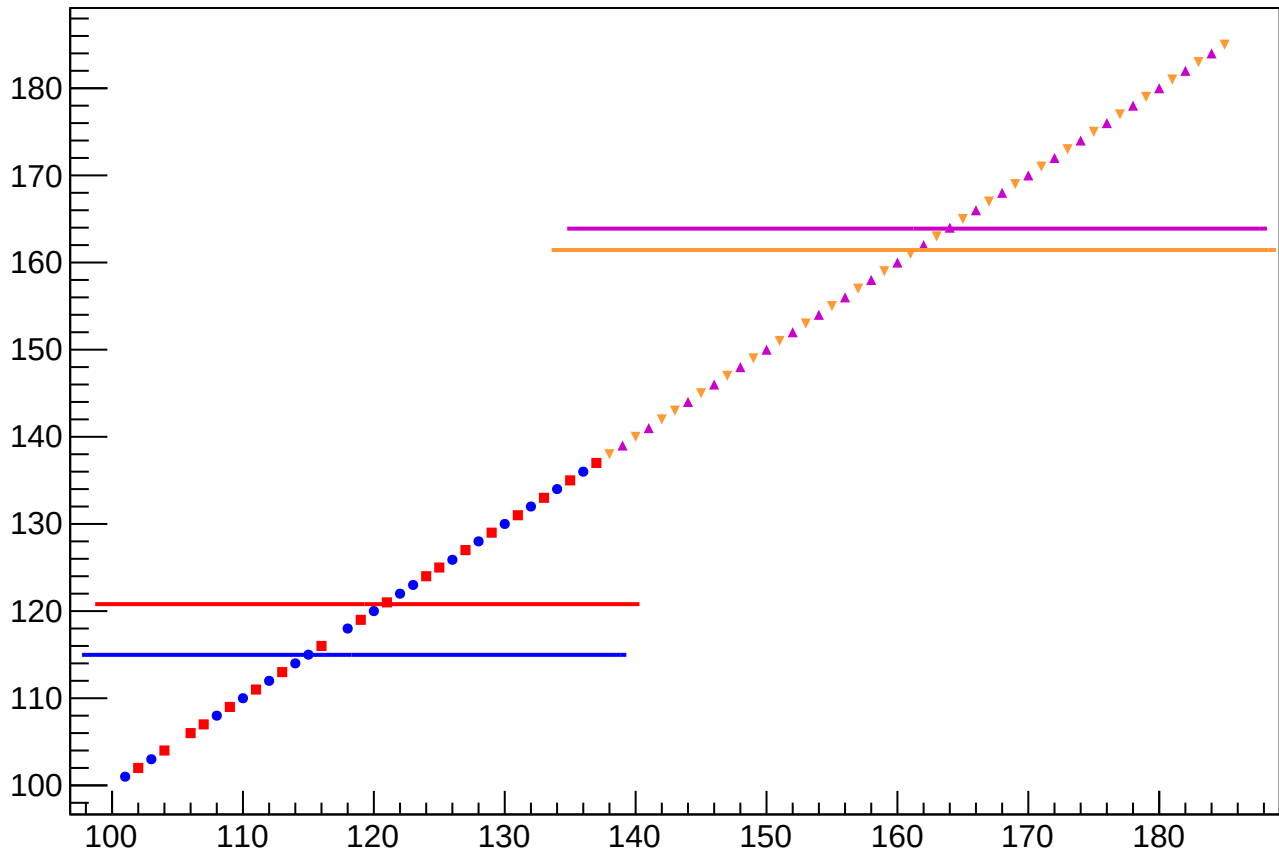
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ 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

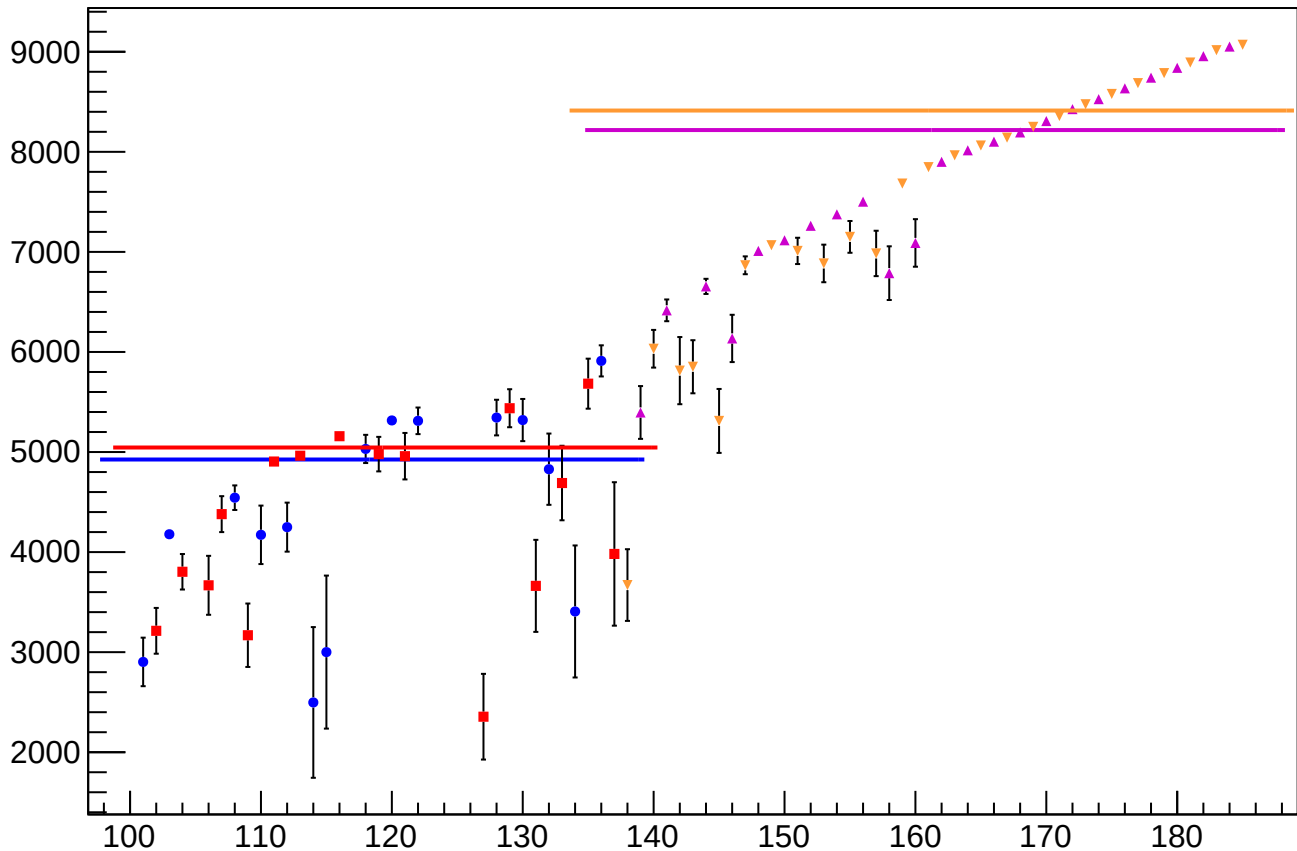
Left In: 163.890+/-0.000 χ^2/NDF : 206308926090069183709360387260416.0/22

+ sign 133.483+/-0.000 χ^2/NDF : 152516030568371

All: 139.354+/-0.000 χ^2/NDF : 299301426527

- 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

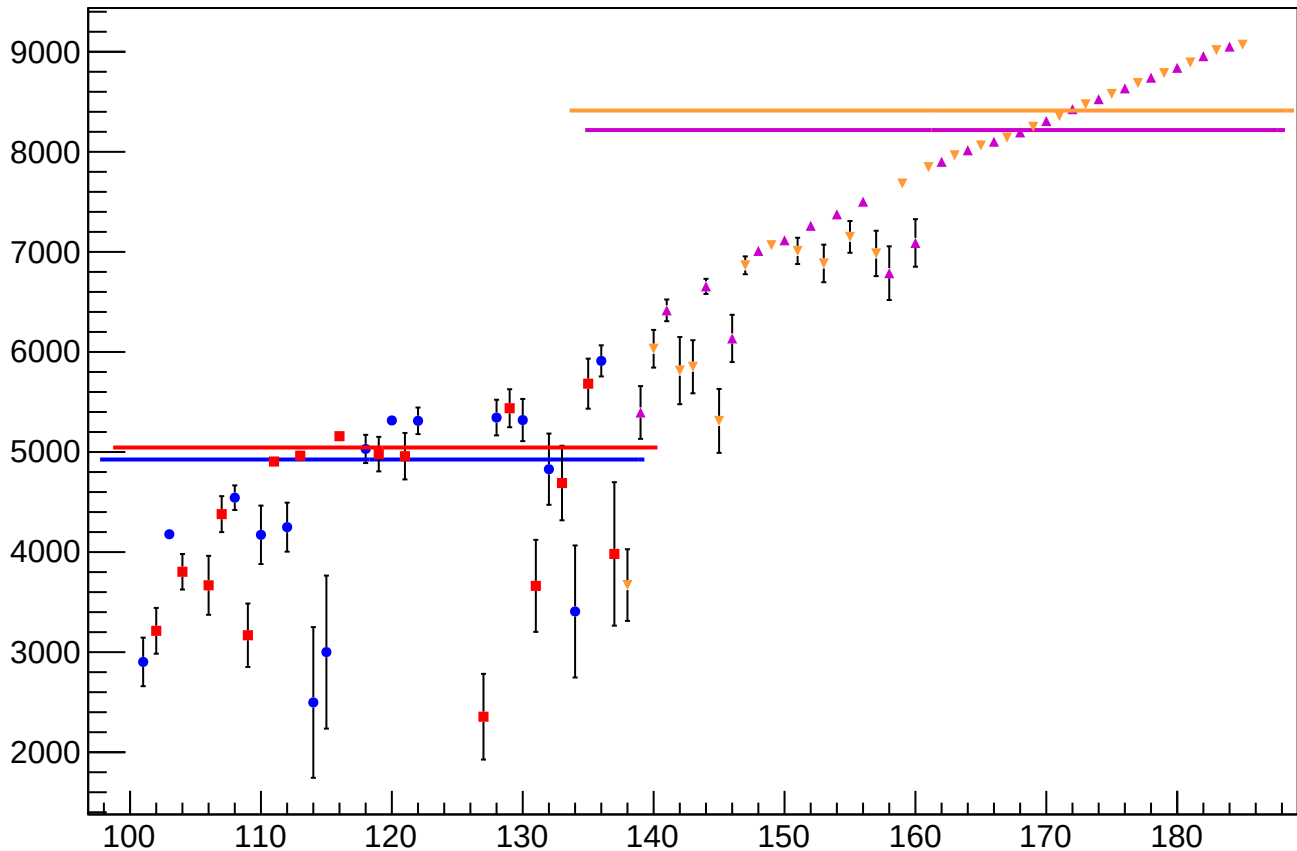
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ 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 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 8412.753 ± 0.396 χ^2/NDF : 2106465.3/24

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7886.489 ± 0.365 χ^2/NDF : 14157267.1/39

All: 7641.112 ± 0.245 χ^2/NDF : 35014772.5/7

- sign 7439.138 ± 0.331 χ^2/NDF : 20031979.1/38

dit_scandata1_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug



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

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

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

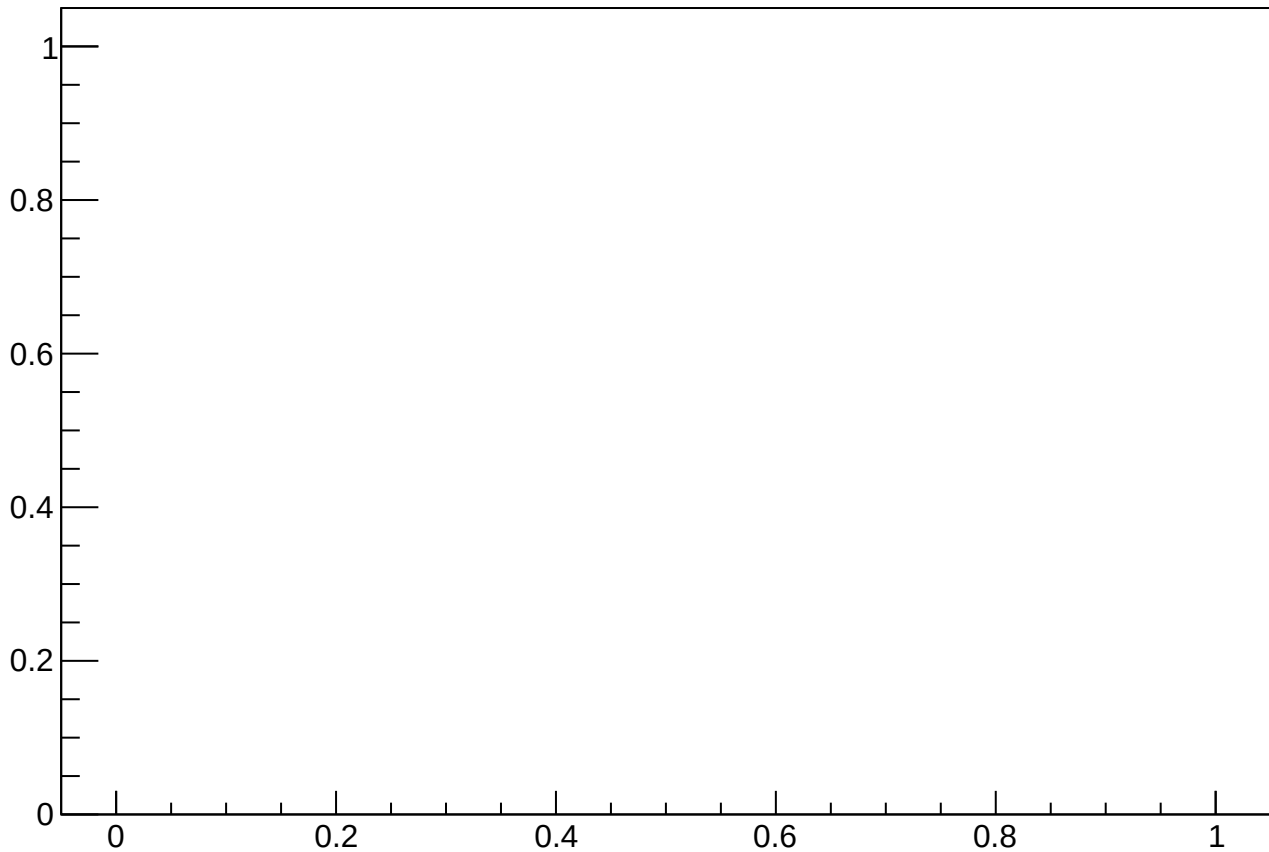
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



Right In: 0.000 $\pm$ 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

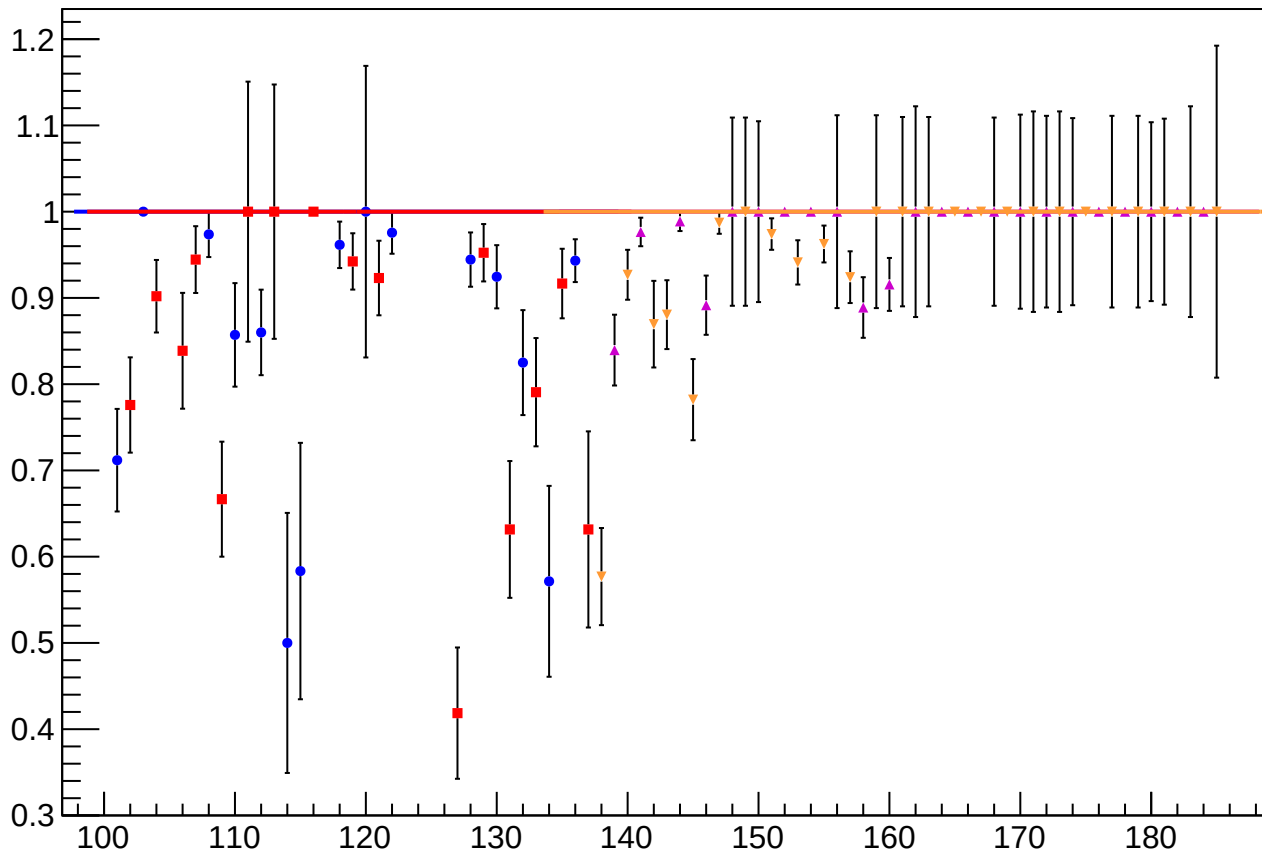
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

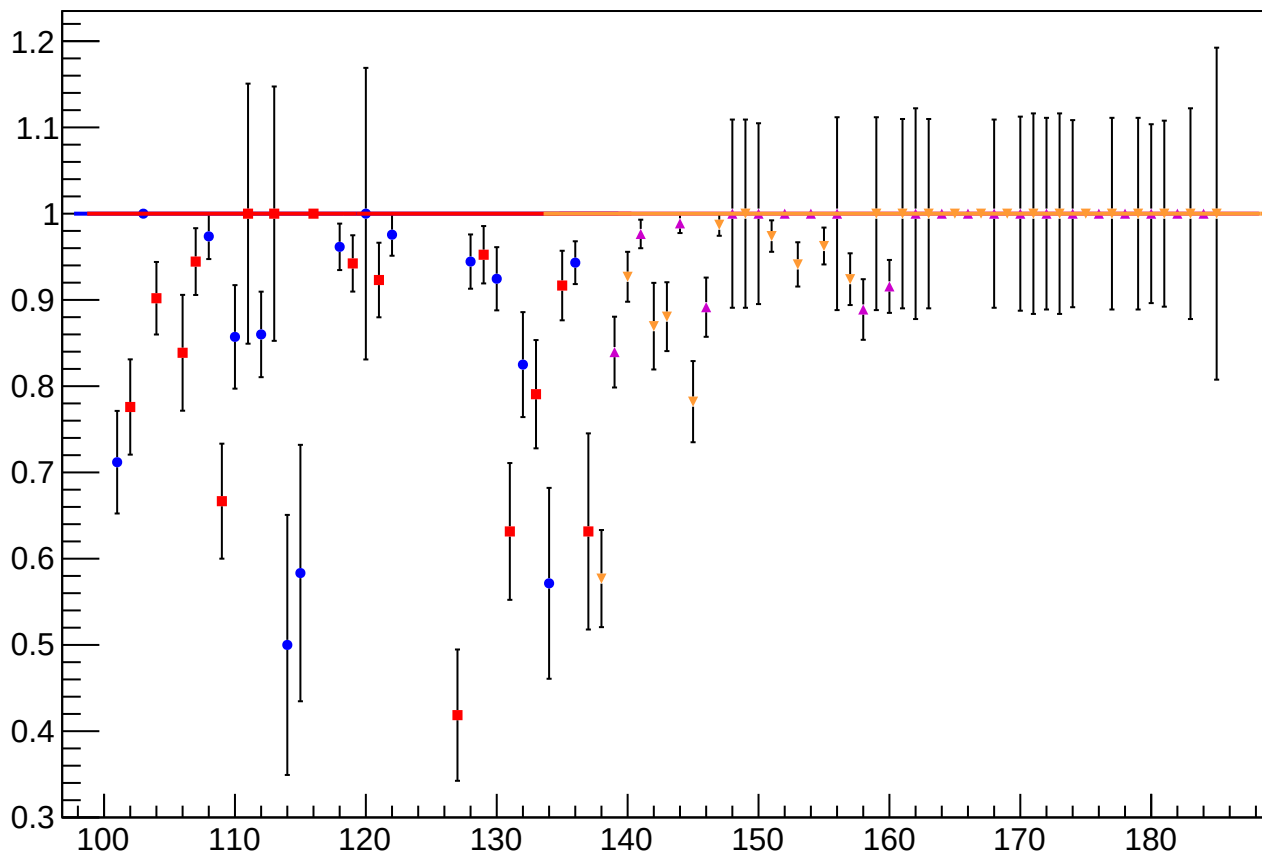
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ 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

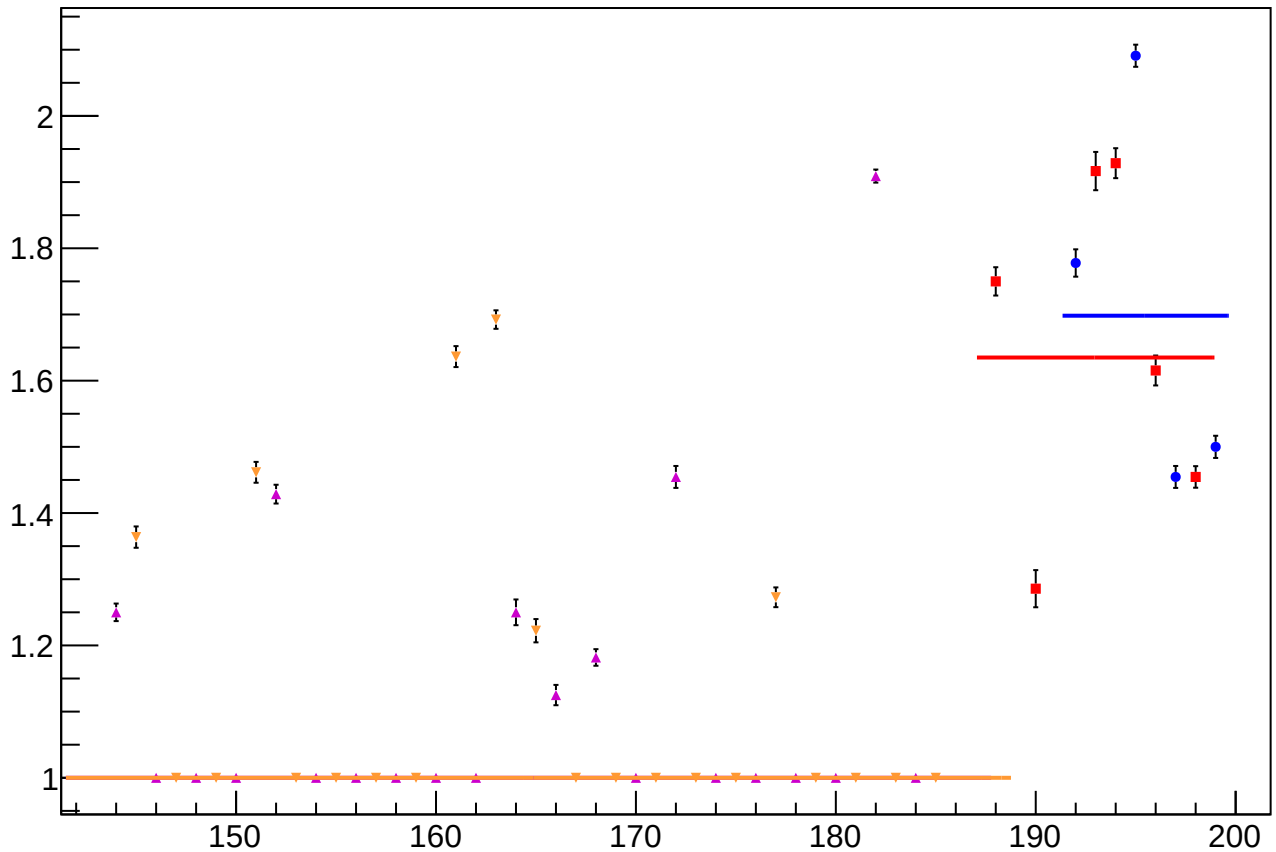
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ 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: 1.698 $\pm$ 0.009 χ^2 /NDF: 922.3/3

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:18616.2/20

Right Out: 1.635 $\pm$ 0.009 χ^2 /NDF: 570.5/5

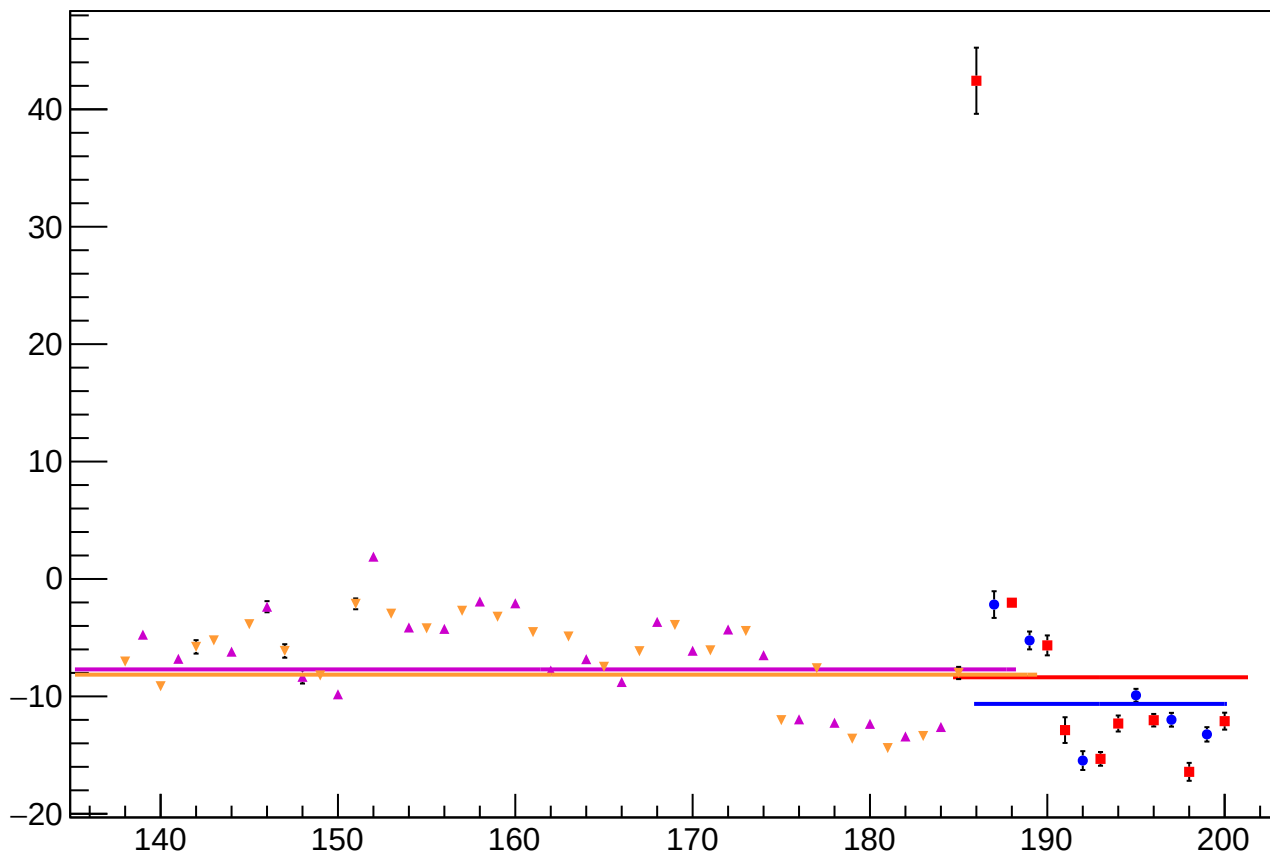
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:12089.0/20

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 25932.4/24

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 31973.5/51

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 17632.7/26

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -10.640 ± 0.278 $\chi^2/\text{NDF}: 167.1/5$

Left Out: -8.149 ± 0.068 $\chi^2/\text{NDF}: 3613.1/24$

Right Out: -8.373 ± 0.207 $\chi^2/\text{NDF}: 1069.8/8$

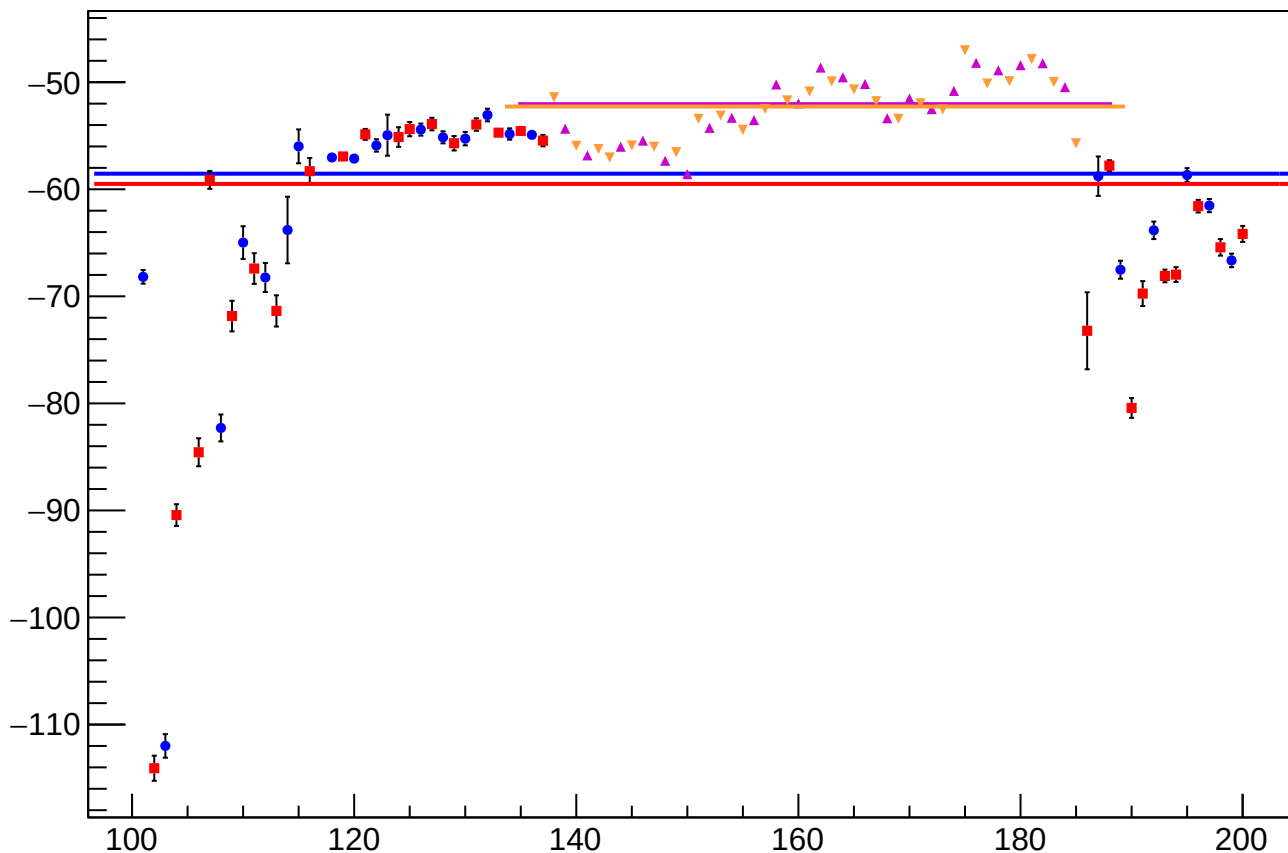
Left In: -7.701 ± 0.068 $\chi^2/\text{NDF}: 3737.2/22$

+ sign -8.288 ± 0.066 $\chi^2/\text{NDF}: 3855.8/30$

All: -8.025 ± 0.046 $\chi^2/\text{NDF}: 8704.1/62$

- sign -7.768 ± 0.065 $\chi^2/\text{NDF}: 4816.6/31$

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.545 ± 0.128 χ^2/NDF : 3847.5/22

Left Out: -52.271 ± 0.055 χ^2/NDF : 2609.6/24

Right Out: -59.500 ± 0.123 χ^2/NDF : 5596.2/26

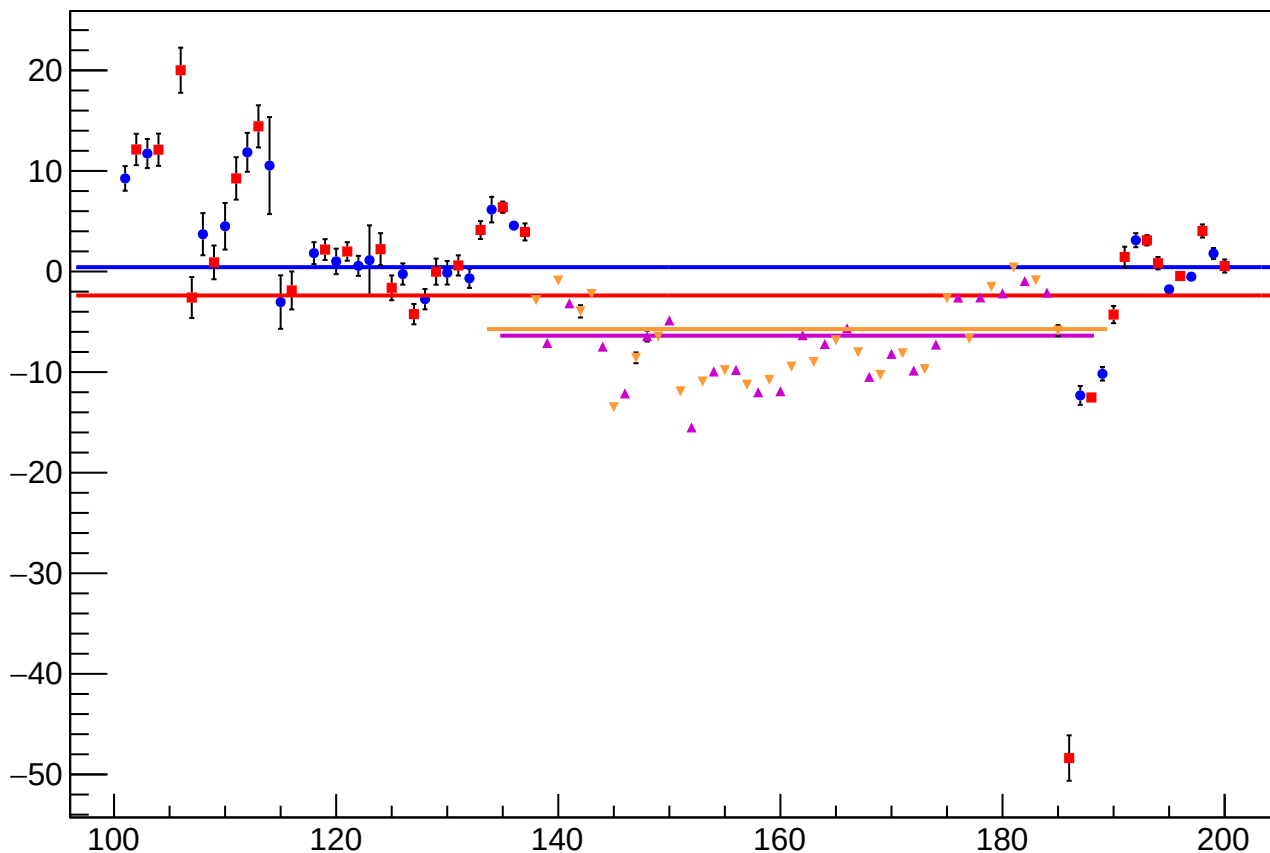
Left In: -52.050 ± 0.057 χ^2/NDF : 3197.5/22

+ sign -53.251 ± 0.051 χ^2/NDF : 8474.9/47

All: -53.307 ± 0.036 χ^2/NDF : 20285.7/97

- sign -53.364 ± 0.052 χ^2/NDF : 11808.3/49

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 0.433 ± 0.176 χ^2/NDF : 775.5/22

Left Out: -5.725 ± 0.068 χ^2/NDF : 3989.1/24

Right Out: -2.382 ± 0.147 χ^2/NDF : 2888.0/26

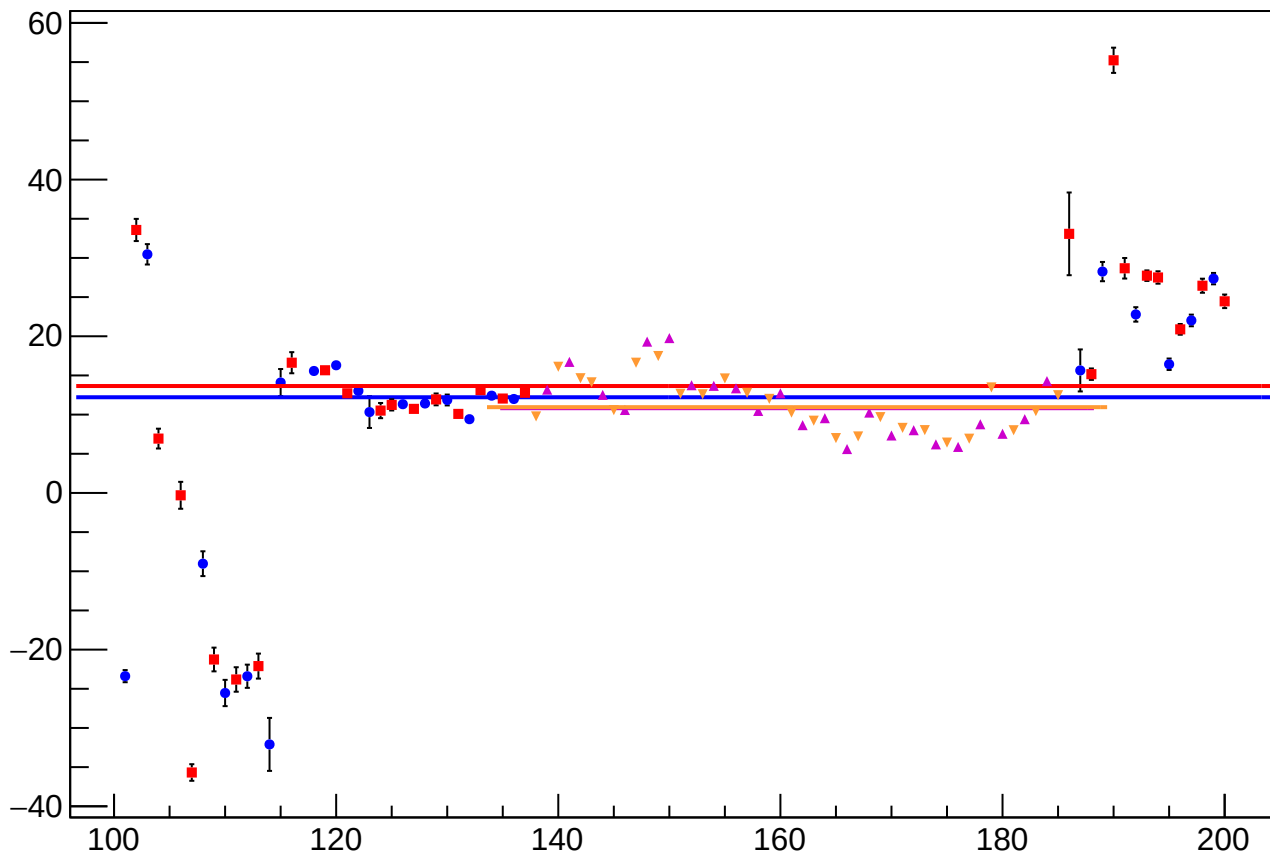
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -4.930 ± 0.063 χ^2/NDF : 5831.9/47

All: -5.308 ± 0.044 χ^2/NDF : 12792.0/97

- sign -5.672 ± 0.062 χ^2/NDF : 6889.8/49

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.215 $\pm$ 0.144 χ^2 /NDF: 4803.1/22

Left Out: 10.950 $\pm$ 0.062 χ^2 /NDF: 2620.4/24

Right Out: 13.649 $\pm$ 0.141 χ^2 /NDF: 6235.0/26

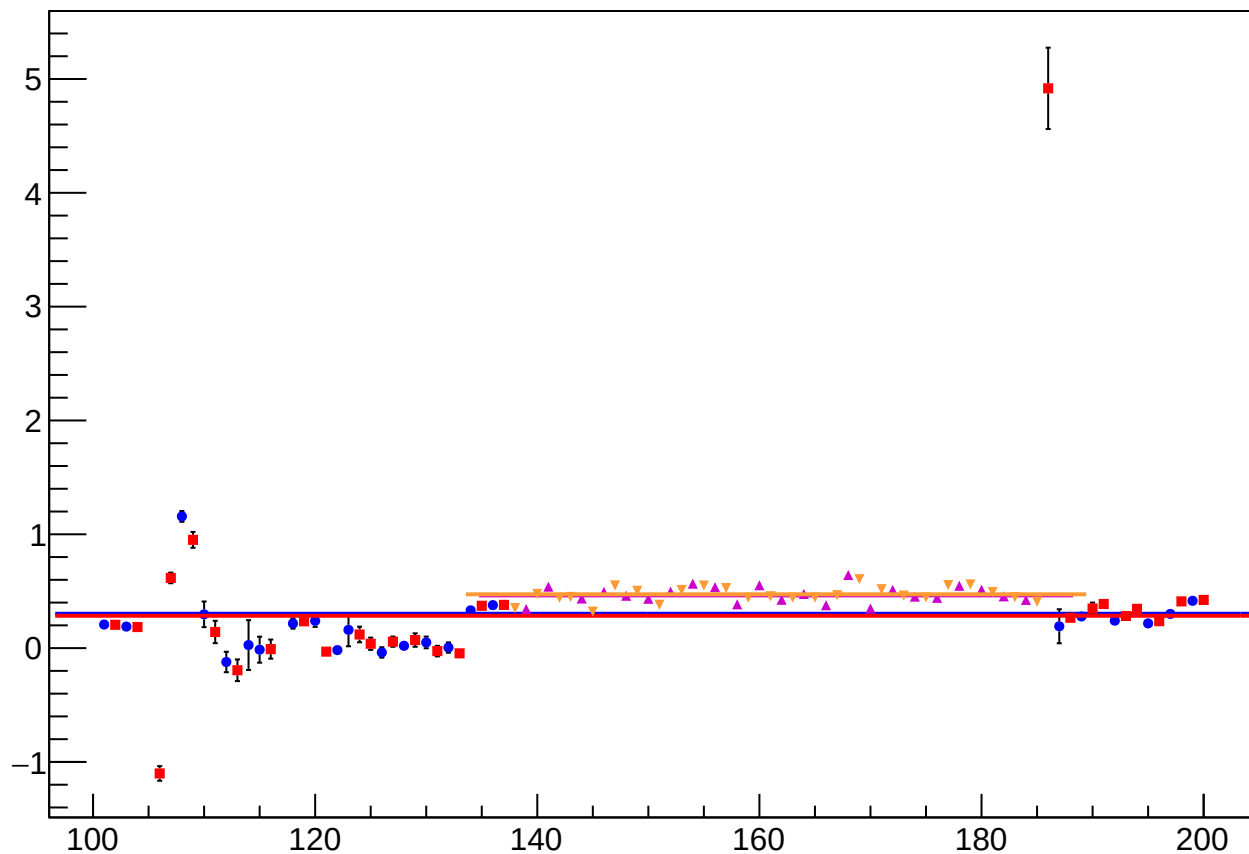
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ sign 11.145 $\pm$ 0.057 χ^2 /NDF: 7488.8/47

All: 11.216 $\pm$ 0.040 χ^2 /NDF: 17641.3/97

- sign 11.290 $\pm$ 0.057 χ^2 /NDF: 10149.4/49

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.302 ± 0.007 χ^2/NDF : 696.2/22

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.284 ± 0.006 χ^2/NDF : 1218.3/26

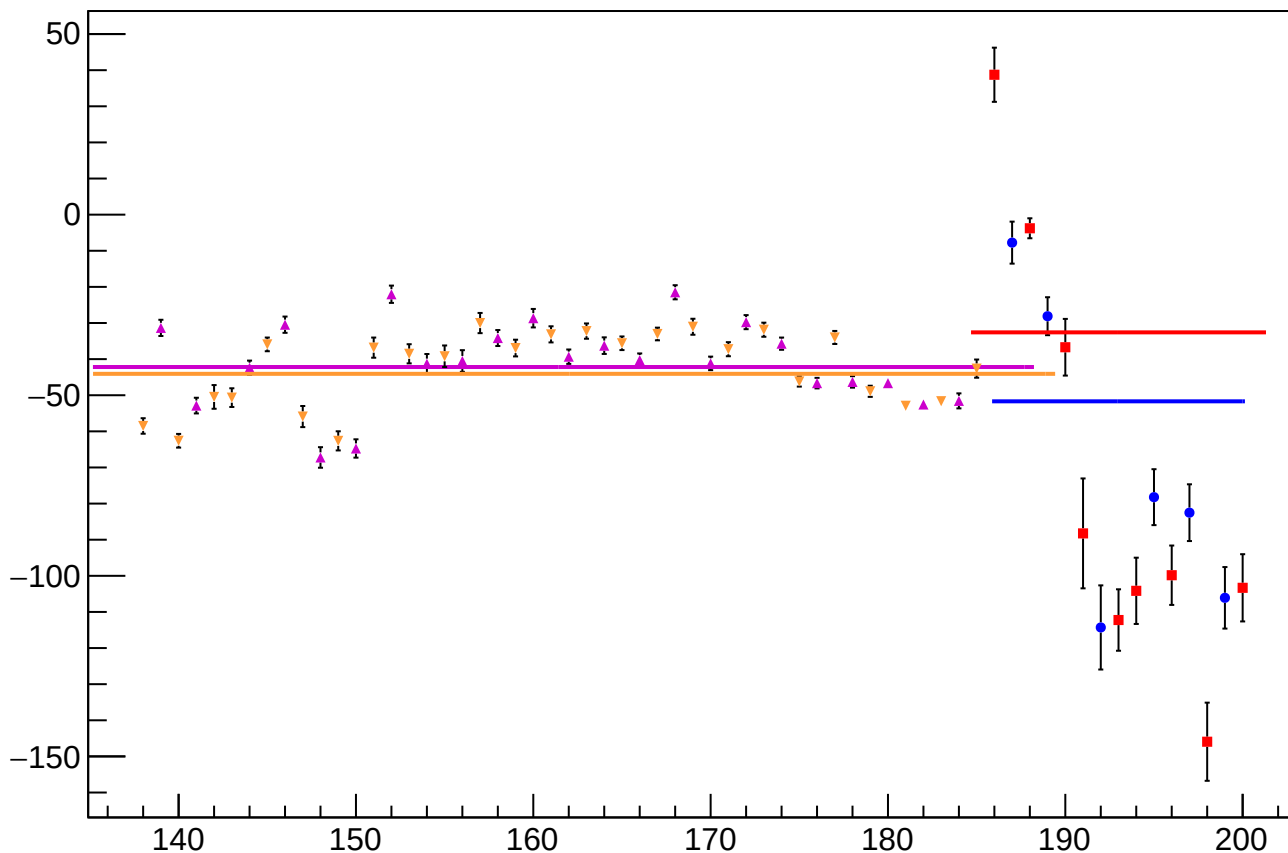
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.447 ± 0.003 χ^2/NDF : 1779.1/47

All: 0.441 ± 0.002 χ^2/NDF : 4439.9/97

- sign 0.434 ± 0.003 χ^2/NDF : 2647.6/49

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -51.686 ± 2.889 $\chi^2/\text{NDF}: 174.0/5$

Left Out: -44.074 ± 0.389 $\chi^2/\text{NDF}: 632.8/24$

Right Out: -32.592 ± 2.087 $\chi^2/\text{NDF}: 595.6/8$

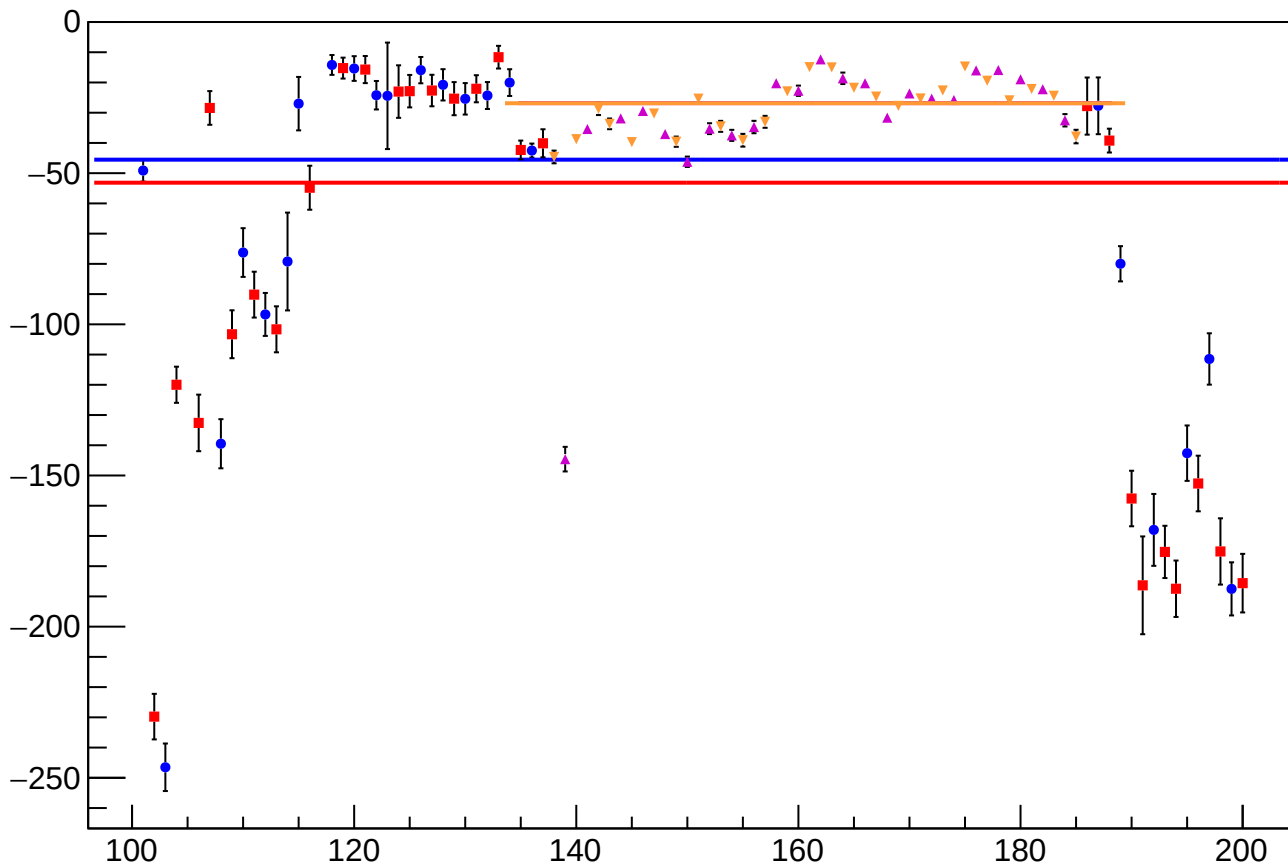
Left In: -42.185 ± 0.398 $\chi^2/\text{NDF}: 651.0/22$

+ sign -44.210 ± 0.386 $\chi^2/\text{NDF}: 813.7/30$

All: -43.044 ± 0.274 $\chi^2/\text{NDF}: 2099.2/62$

- sign -41.849 ± 0.390 $\chi^2/\text{NDF}: 1267.0/31$

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -45.533 ± 1.078 χ^2/NDF : 1751.3/22

Left Out: -26.867 ± 0.317 χ^2/NDF : 629.1/24

Right Out: -53.148 ± 1.099 χ^2/NDF : 2406.1/26

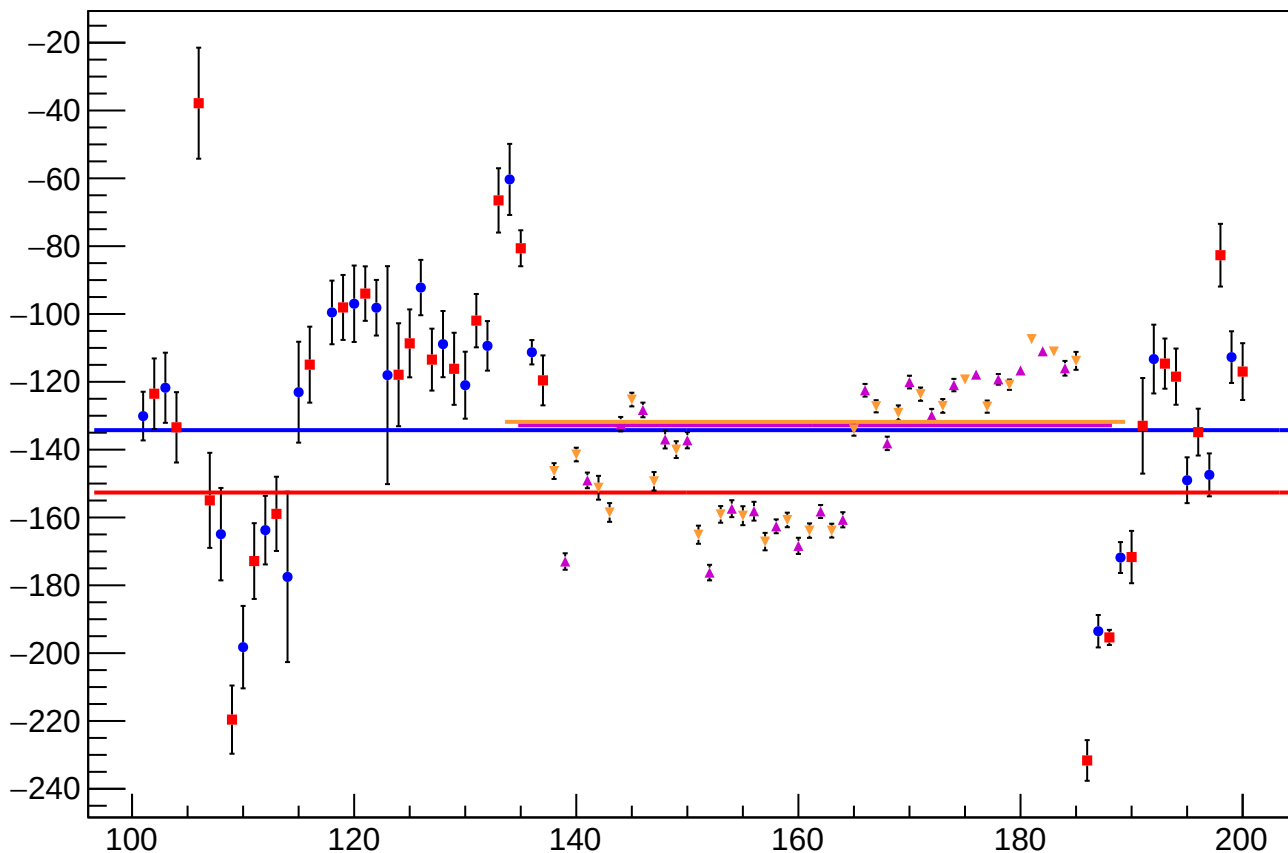
Left In: -26.825 ± 0.325 χ^2/NDF : 1481.6/22

+ sign -28.352 ± 0.304 χ^2/NDF : 2656.3/47

All: -28.642 ± 0.218 χ^2/NDF : 7073.4/97

- sign -28.948 ± 0.312 χ^2/NDF : 4415.2/49

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -134.251 $\pm$ 1.584 χ^2 /NDF: 471.4/22

Left Out: -131.805 $\pm$ 0.392 χ^2 /NDF: 2417.0/24

Right Out: -152.640 $\pm$ 1.367 χ^2 /NDF: 1263.4/26

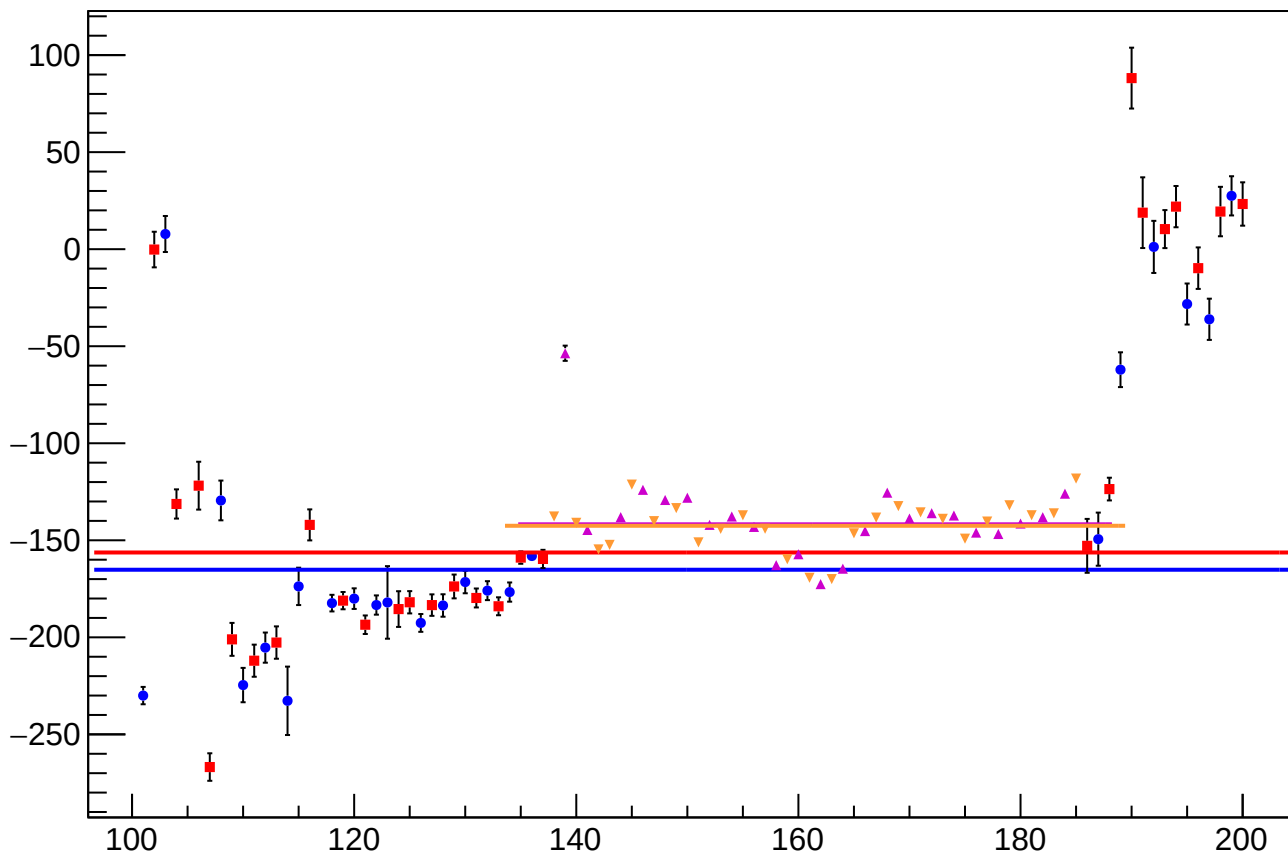
Left In: -132.799 $\pm$ 0.398 χ^2 /NDF: 2515.9/22

+ sign -131.946 $\pm$ 0.381 χ^2 /NDF: 2890.6/47

All: -133.143 $\pm$ 0.270 χ^2 /NDF: 6883.9/97

- sign -134.349 $\pm$ 0.382 χ^2 /NDF: 3973.4/49

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -165.174 ± 1.219 $\chi^2/\text{NDF}: 1728.3/22$

Left Out: -142.517 ± 0.355 $\chi^2/\text{NDF}: 1144.2/24$

Right Out: -156.284 ± 1.263 $\chi^2/\text{NDF}: 2446.5/26$

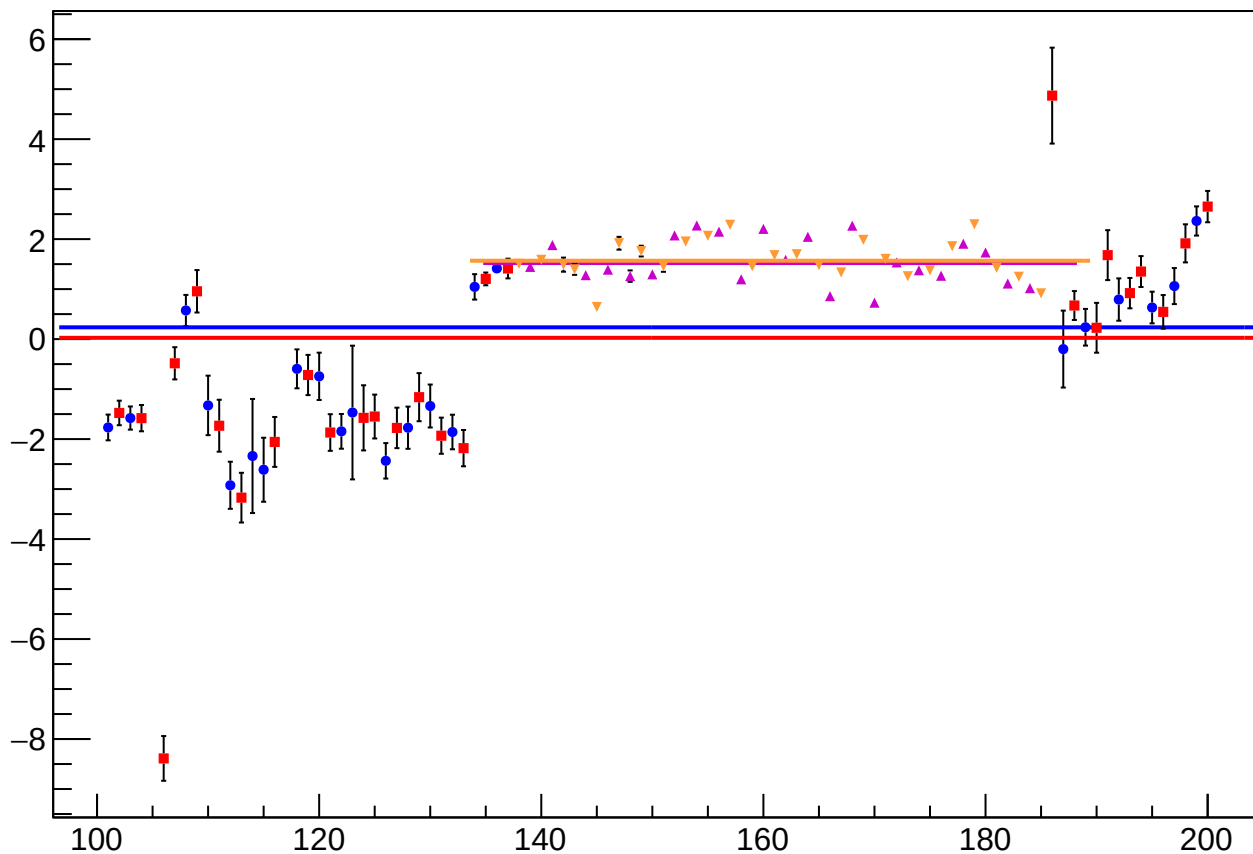
Left In: -141.769 ± 0.363 $\chi^2/\text{NDF}: 1604.4/22$

+ sign -144.287 ± 0.341 $\chi^2/\text{NDF}: 3191.1/47$

All: -143.597 ± 0.244 $\chi^2/\text{NDF}: 7372.4/97$

- sign -142.874 ± 0.349 $\chi^2/\text{NDF}: 4172.9/49$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.236 ± 0.061 χ^2/NDF : 594.4/22

Left Out: 1.568 ± 0.016 χ^2/NDF : 541.0/24

Right Out: 0.026 ± 0.061 χ^2/NDF : 947.3/26

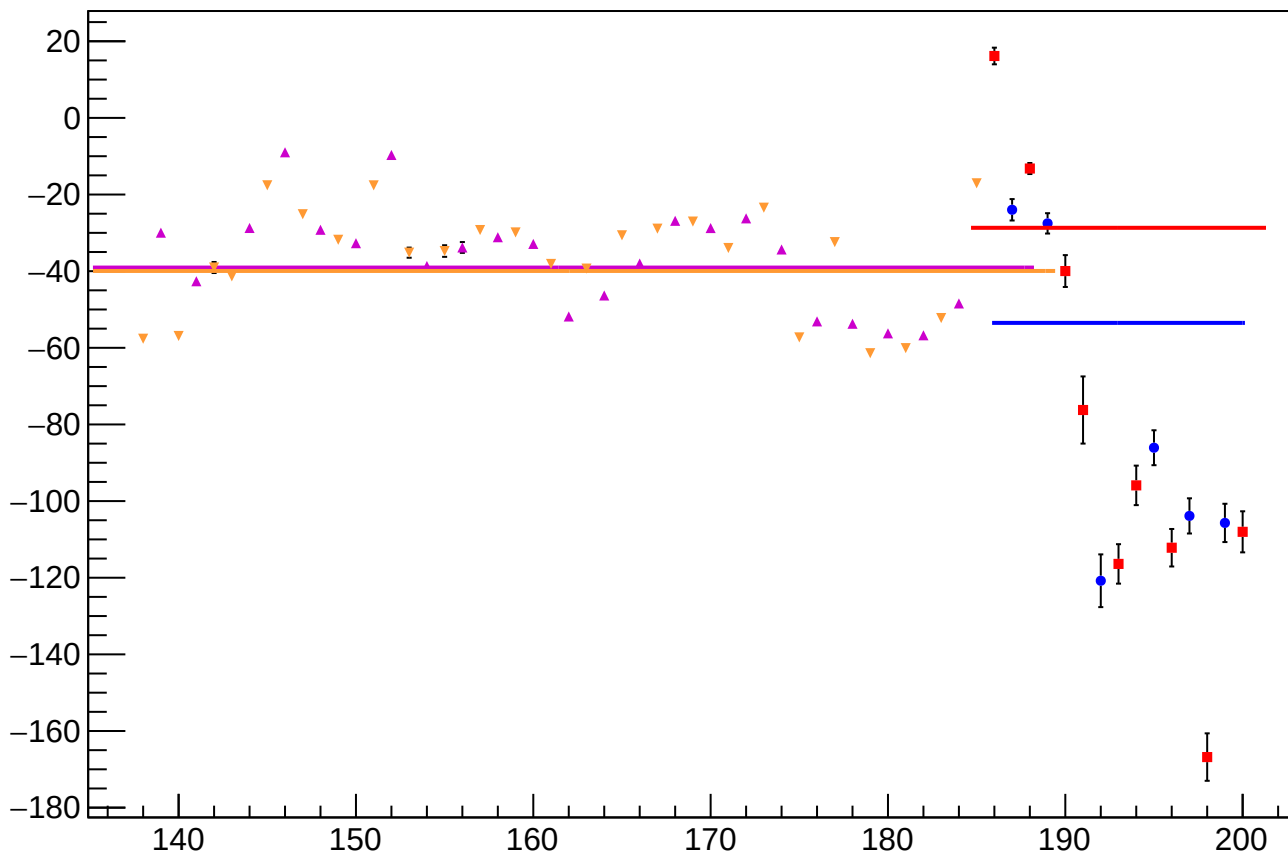
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.480 ± 0.016 χ^2/NDF : 1578.3/47

All: 1.452 ± 0.011 χ^2/NDF : 3825.6/97

- sign 1.422 ± 0.016 χ^2/NDF : 2240.4/49

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -53.496 ± 1.531 χ^2/NDF : 583.6/5

Left Out: -39.942 ± 0.153 χ^2/NDF : 9806.2/24

Right Out: -28.682 ± 1.030 χ^2/NDF : 2046.8/8

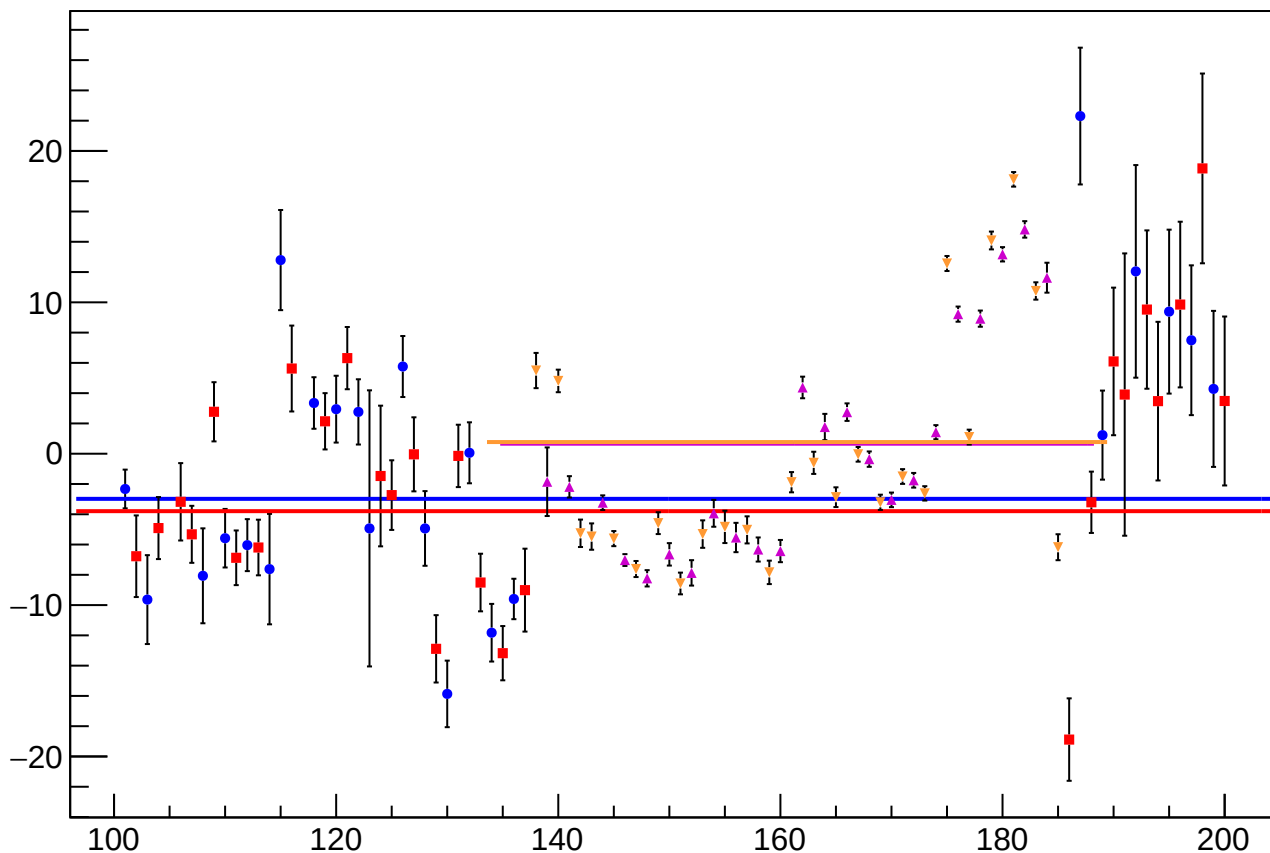
Left In: -39.060 ± 0.154 χ^2/NDF : 8577.0/22

+ sign -40.077 ± 0.153 χ^2/NDF : 10467.4/30

All: -39.454 ± 0.108 χ^2/NDF : 21223.8/62

- sign -38.833 ± 0.152 χ^2/NDF : 10723.1/31

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 0.478 $\chi^2/\text{NDF}: 217.4/22$

Left Out: 0.770 ± 0.124 $\chi^2/\text{NDF}: 3952.9/24$

Right Out: -3.795 ± 0.472 $\chi^2/\text{NDF}: 188.3/26$

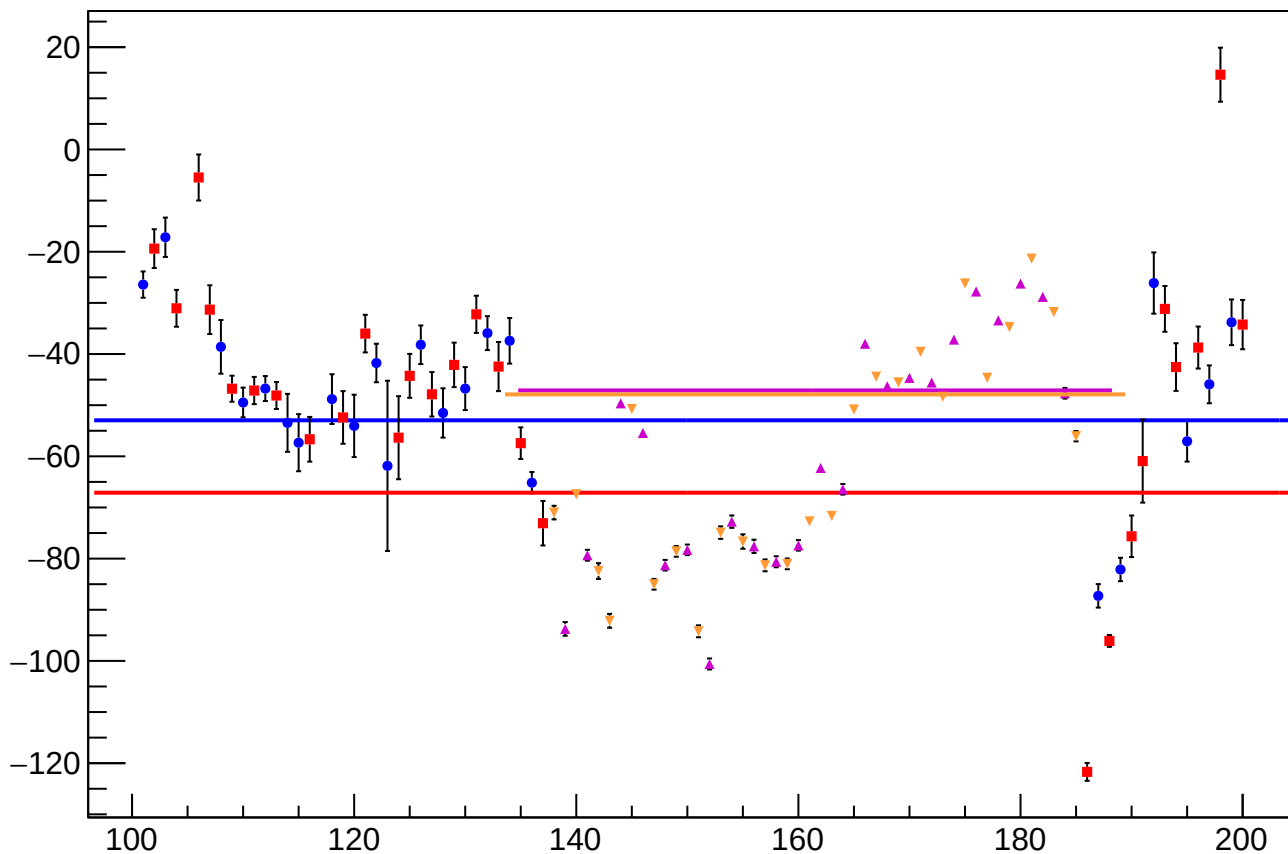
Left In: 0.662 ± 0.124 $\chi^2/\text{NDF}: 3340.9/22$

+ sign 0.532 ± 0.120 $\chi^2/\text{NDF}: 4228.0/47$

All: 0.453 ± 0.085 $\chi^2/\text{NDF}: 7841.5/97$

- sign 0.375 ± 0.120 $\chi^2/\text{NDF}: 3612.6/49$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -52.958 ± 0.729 χ^2/NDF : 738.7/22

Left Out: -47.888 ± 0.155 χ^2/NDF : 16707.2/24

Right Out: -67.115 ± 0.611 χ^2/NDF : 3006.6/26

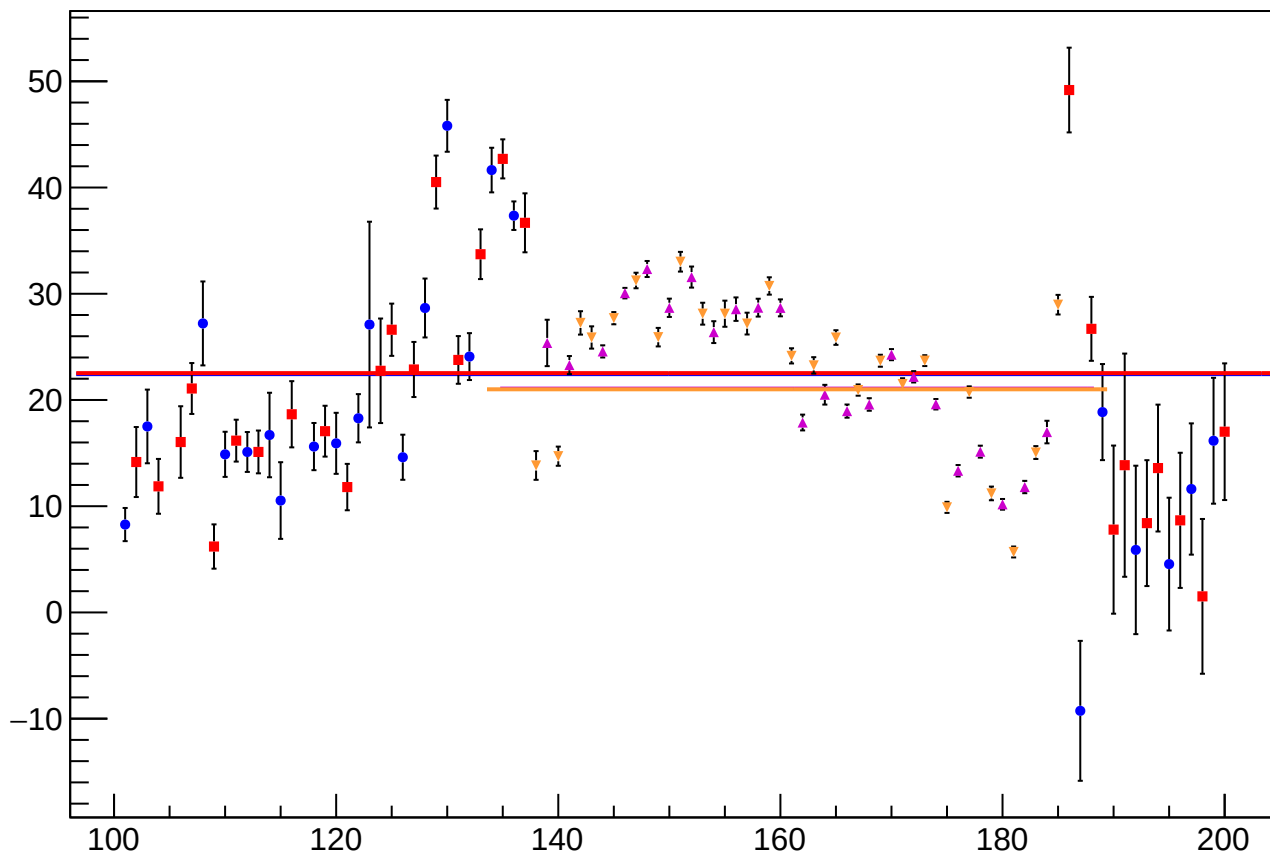
Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

+ sign -48.107 ± 0.151 χ^2/NDF : 17492.3/47

All: -48.213 ± 0.107 χ^2/NDF : 37160.8/97

- sign -48.316 ± 0.150 χ^2/NDF : 19667.5/49

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.434 $\pm$ 0.542 χ^2 /NDF: 503.0/22

Left Out: 21.005 $\pm$ 0.139 χ^2 /NDF:2789.5/24

Right Out: 22.529 $\pm$ 0.545 χ^2 /NDF: 440.4/26

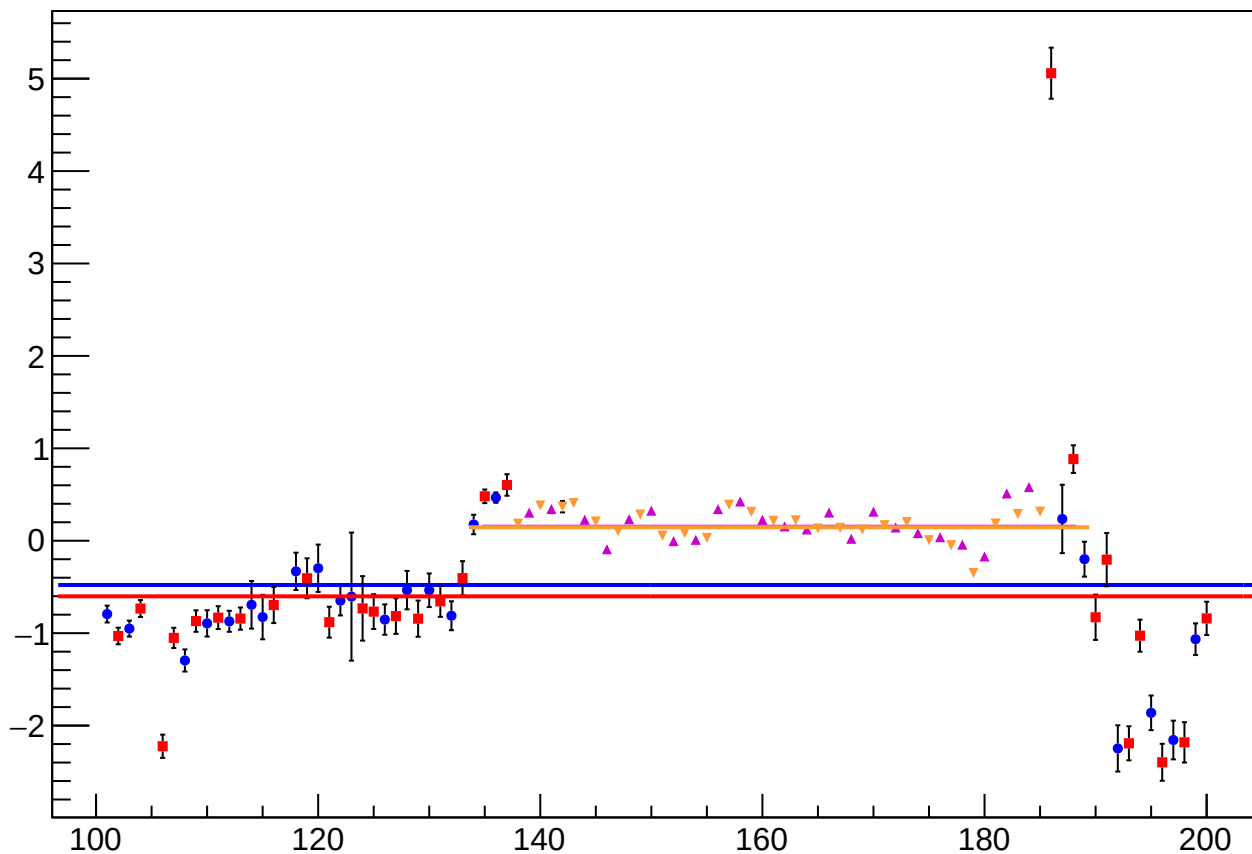
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

+ sign 21.093 $\pm$ 0.135 χ^2 /NDF: 3299.0/47

All: 21.126 $\pm$ 0.095 χ^2 /NDF: 5923.1/97

- sign 21.158 $\pm$ 0.135 χ^2 /NDF: 2623.9/49

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.479 ± 0.028 χ^2/NDF : 635.0/22

Left Out: 0.146 ± 0.006 χ^2/NDF : 609.8/24

Right Out: -0.602 ± 0.028 χ^2/NDF : 1287.8/26

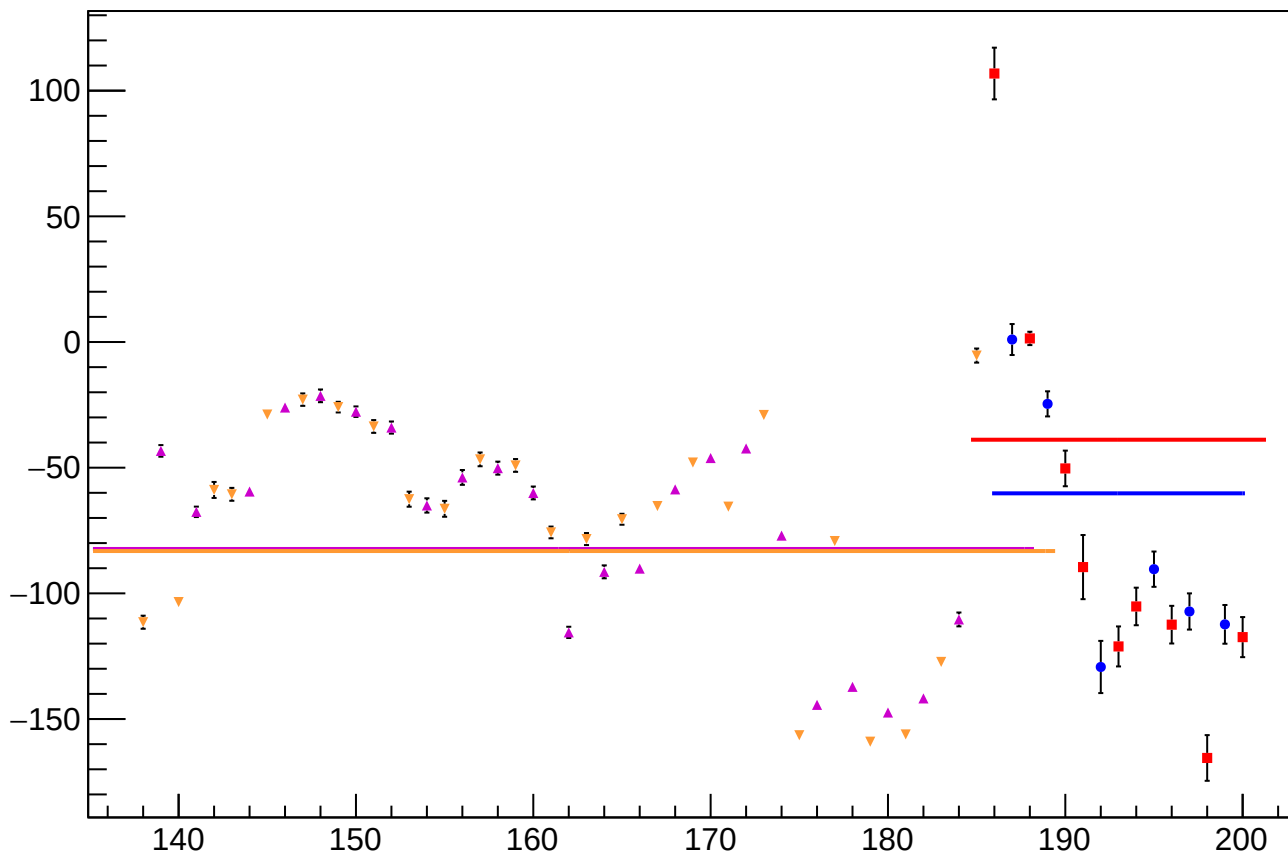
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ sign 0.116 ± 0.006 χ^2/NDF : 1706.6/47

All: 0.115 ± 0.004 χ^2/NDF : 4578.4/97

- sign 0.113 ± 0.006 χ^2/NDF : 2871.7/49

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -60.206 ± 2.752 χ^2/NDF : 300.5/5

Left Out: -83.163 ± 0.407 χ^2/NDF : 13794.3/24

Right Out: -38.873 ± 1.973 χ^2/NDF : 1023.1/8

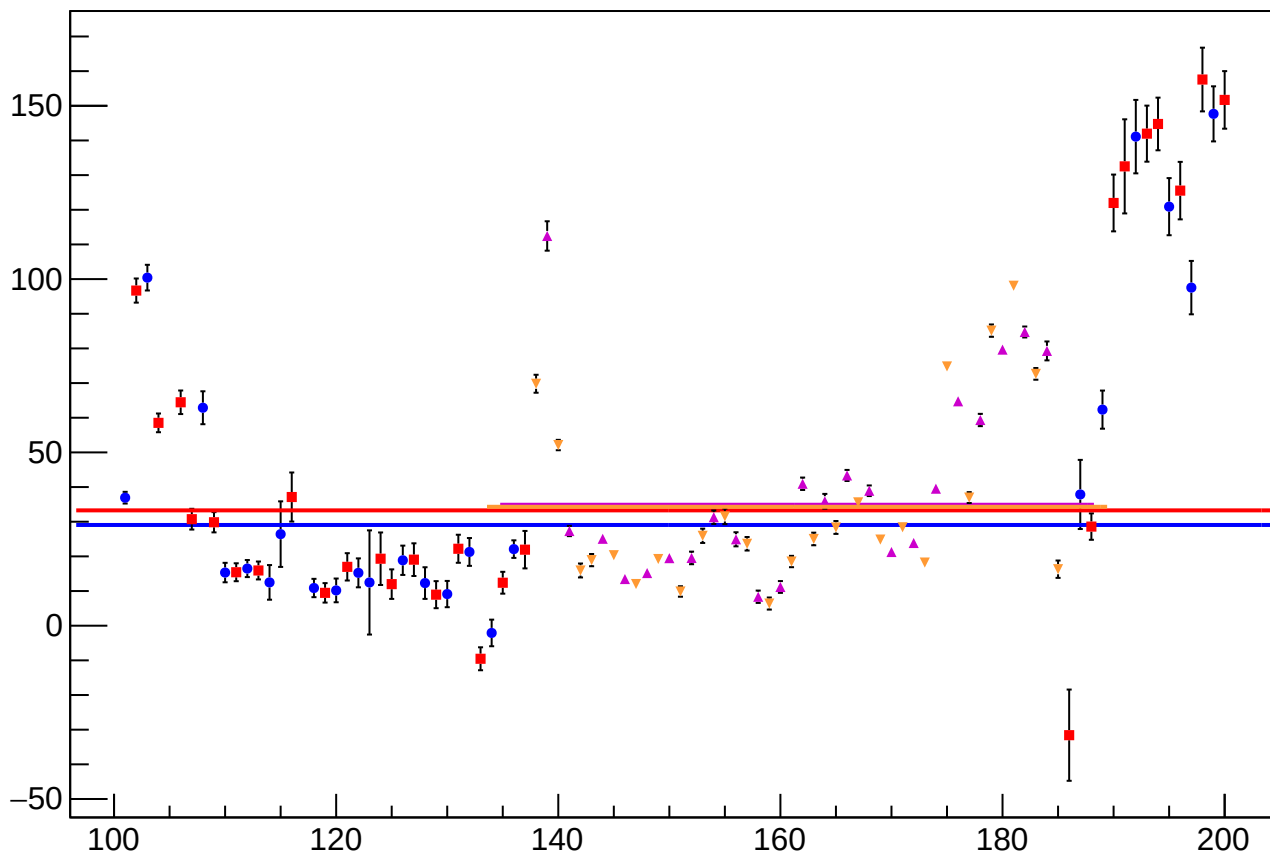
Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

+ sign -82.671 ± 0.403 χ^2/NDF : 14162.9/30

All: -81.598 ± 0.285 χ^2/NDF : 26620.3/62

- sign -80.517 ± 0.404 χ^2/NDF : 12443.2/31

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 29.061 ± 0.776 χ^2/NDF : 1293.8/22

Left Out: 34.306 ± 0.321 χ^2/NDF : 6163.7/24

Right Out: 33.274 ± 0.771 χ^2/NDF : 2088.4/26

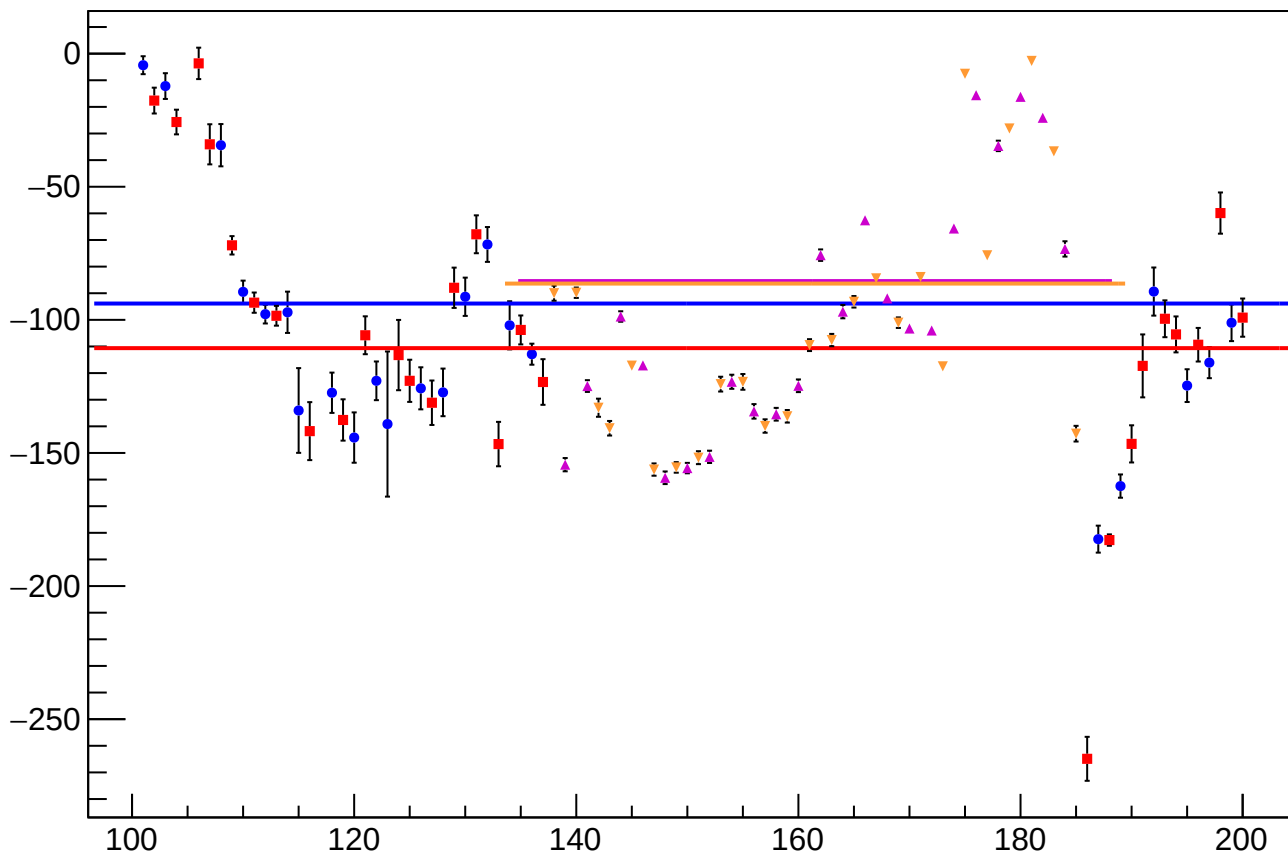
Left In: 34.893 ± 0.328 χ^2/NDF : 4754.6/22

+ sign 33.540 ± 0.297 χ^2/NDF : 7496.5/47

All: 34.083 ± 0.212 χ^2/NDF : 14350.0/97

- sign 34.644 ± 0.302 χ^2/NDF : 6846.7/49

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -93.872 ± 1.211 χ^2/NDF : 1781.4/22

Left Out: -86.377 ± 0.409 χ^2/NDF : 14435.1/24

Right Out: -110.627 ± 1.051 χ^2/NDF : 2943.0/26

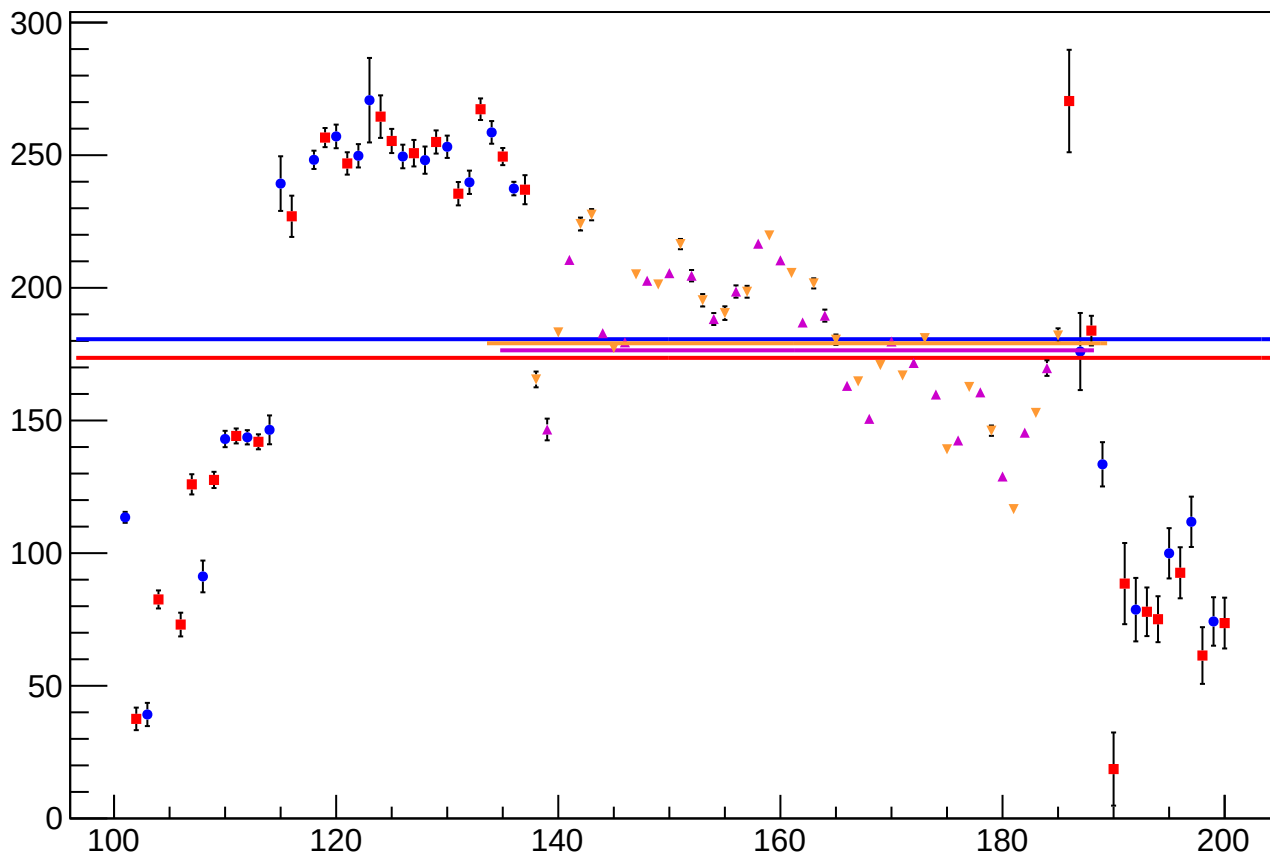
Left In: -85.441 ± 0.413 χ^2/NDF : 12998.9/22

+ sign -87.144 ± 0.388 χ^2/NDF : 16250.8/47

All: -87.983 ± 0.273 χ^2/NDF : 32699.0/97

- sign -88.809 ± 0.385 χ^2/NDF : 16438.8/49

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 180.640 ± 0.891 $\chi^2/\text{NDF}: 5782.2/22$

Left Out: 179.109 ± 0.363 $\chi^2/\text{NDF}: 5877.5/24$

Right Out: 173.610 ± 0.889 $\chi^2/\text{NDF}: 6909.3/26$

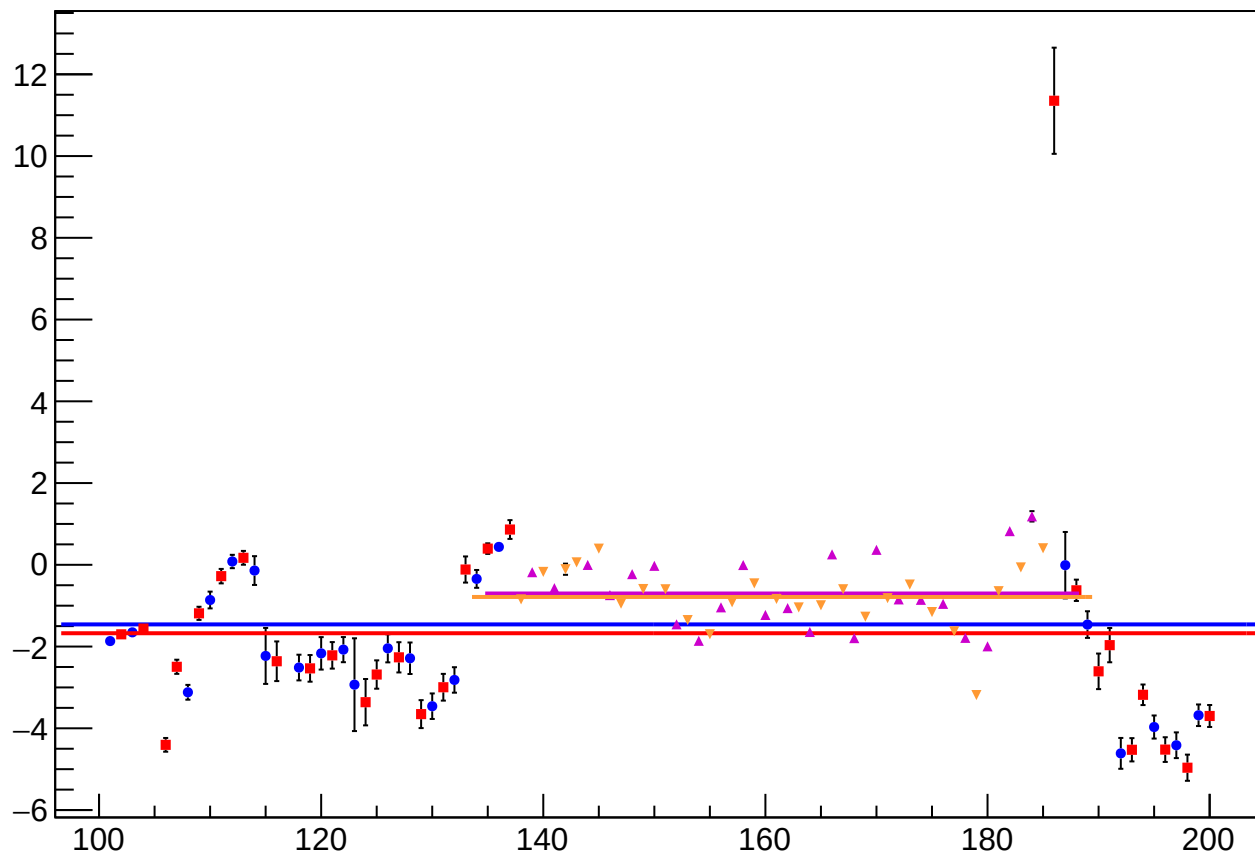
Left In: 176.449 ± 0.370 $\chi^2/\text{NDF}: 4442.1/22$

+ sign 179.326 ± 0.336 $\chi^2/\text{NDF}: 11662.2/47$

All: 177.705 ± 0.239 $\chi^2/\text{NDF}: 23069.7/97$

- sign 176.030 ± 0.341 $\chi^2/\text{NDF}: 11360.1/49$

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.458 ± 0.045 χ^2/NDF : 963.9/22

Left Out: -0.787 ± 0.017 χ^2/NDF : 1760.7/24

Right Out: -1.674 ± 0.042 χ^2/NDF : 1470.5/26

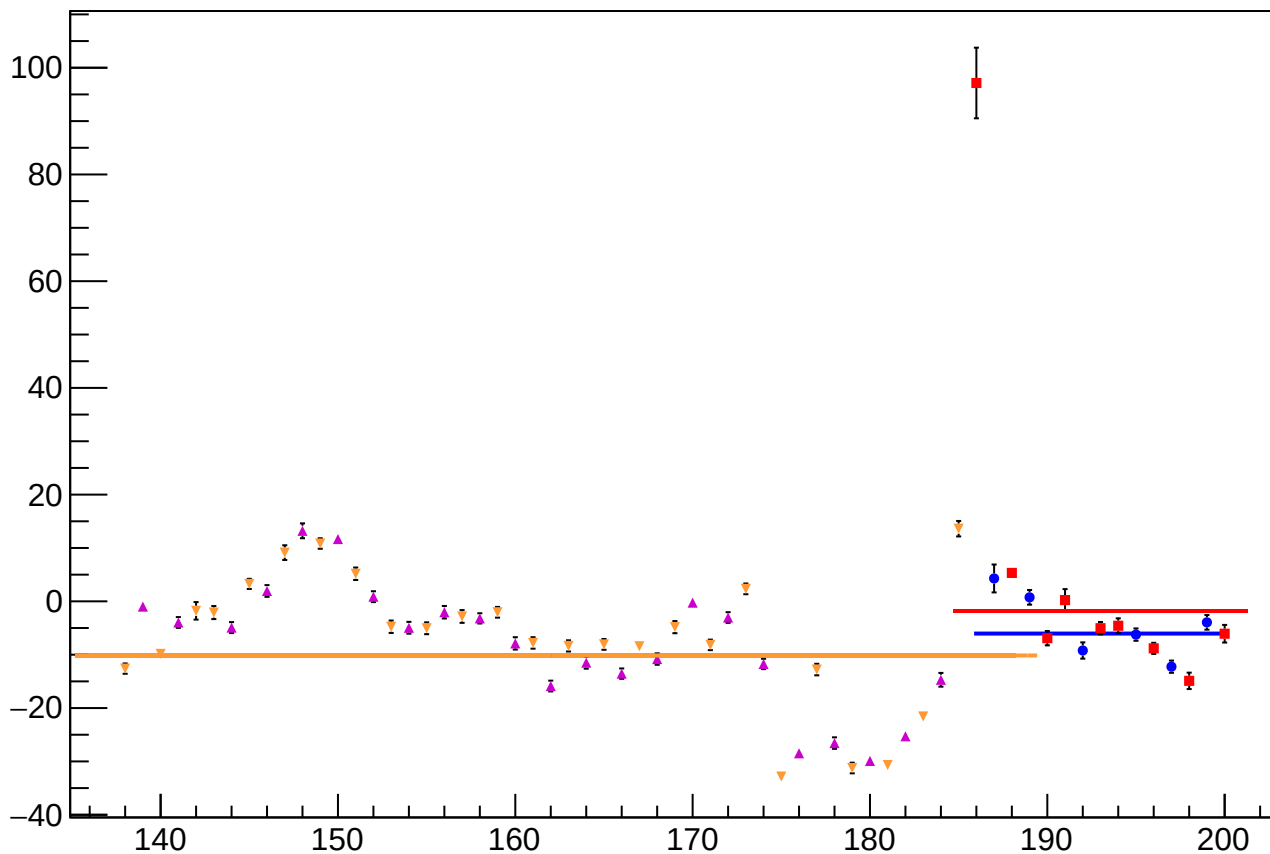
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.866 ± 0.016 χ^2/NDF : 2918.2/47

All: -0.851 ± 0.011 χ^2/NDF : 7268.9/97

- sign -0.835 ± 0.016 χ^2/NDF : 4348.7/49

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -6.039 ± 0.564 χ^2/NDF : 76.0/5

Left Out: -10.147 ± 0.202 χ^2/NDF : 4128.5/24

Right Out: -1.809 ± 0.401 χ^2/NDF : 499.2/8

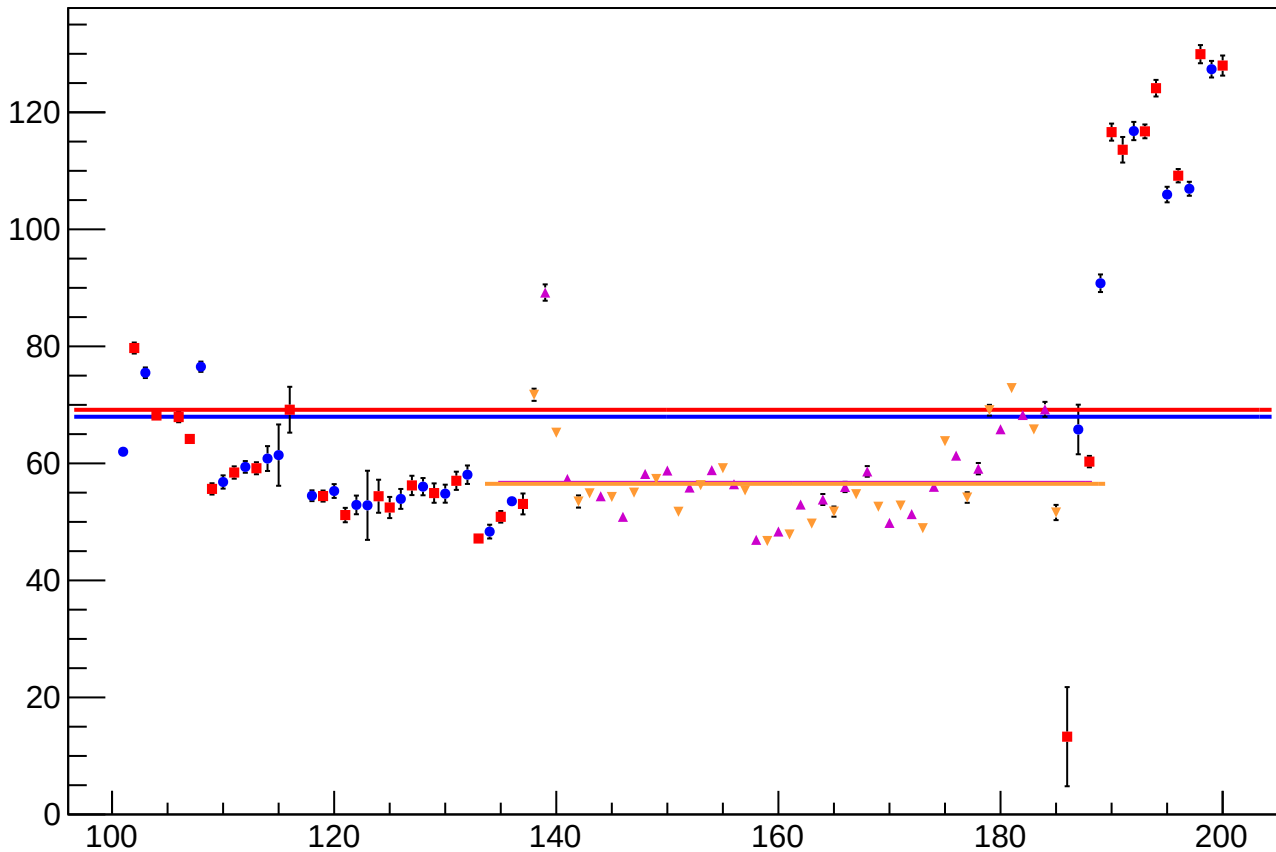
Left In: -10.149 ± 0.204 χ^2/NDF : 3491.7/22

+ sign -9.681 ± 0.190 χ^2/NDF : 4251.5/30

All: -9.031 ± 0.131 χ^2/NDF : 8608.6/62

- sign -8.436 ± 0.182 χ^2/NDF : 4334.6/31

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 67.972 ± 0.240 χ^2/NDF : 6584.3/22

Left Out: 56.508 ± 0.159 χ^2/NDF : 1962.3/24

Right Out: 69.160 ± 0.220 χ^2/NDF : 11487.3/26

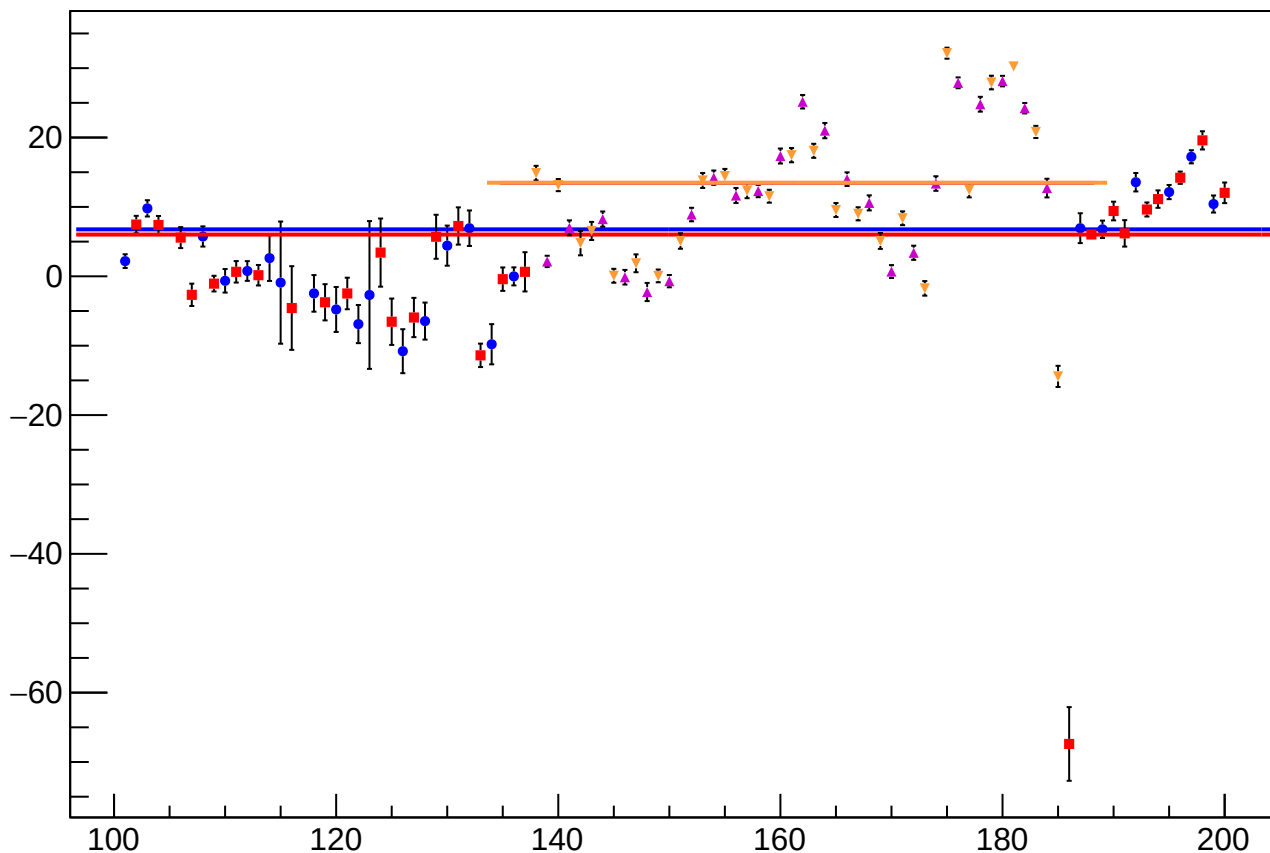
Left In: 56.674 ± 0.165 χ^2/NDF : 1679.8/22

+ sign 60.003 ± 0.133 χ^2/NDF : 10126.3/47

All: 60.578 ± 0.094 χ^2/NDF : 25390.1/97

- sign 61.146 ± 0.132 χ^2/NDF : 15226.5/49

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 6.765 ± 0.335 χ^2/NDF : 418.9/22

Left Out: 13.485 ± 0.202 χ^2/NDF : 2731.0/24

Right Out: 6.016 ± 0.268 χ^2/NDF : 723.0/26

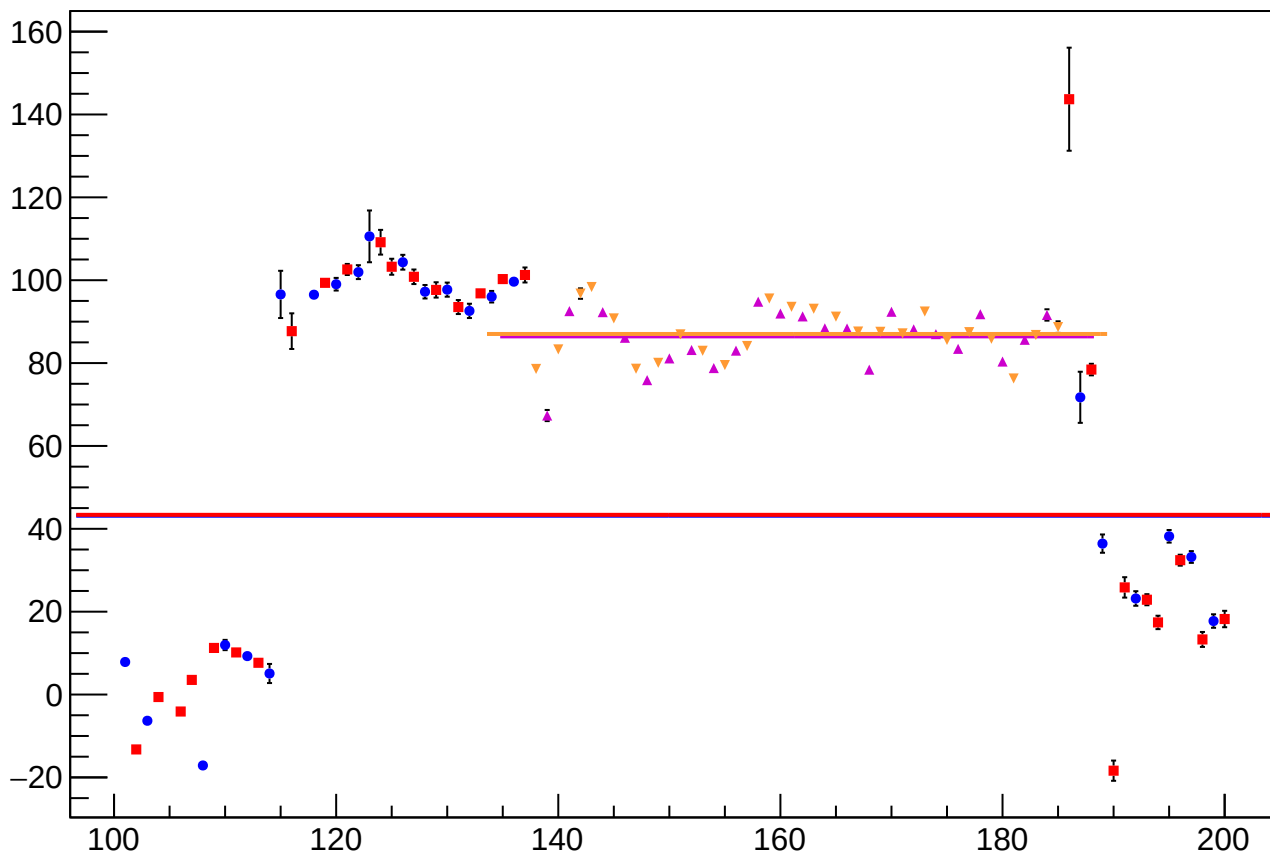
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.693 ± 0.173 χ^2/NDF : 3445.6/47

All: 11.188 ± 0.118 χ^2/NDF : 7045.6/97

- sign 10.745 ± 0.162 χ^2/NDF : 3584.0/49

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 43.160 $\pm$ 0.280 χ^2 /NDF: 25585.9/22

Left Out: 87.023 $\pm$ 0.179 χ^2 /NDF:1057.2/24

Right Out: 43.373 $\pm$ 0.261 χ^2 /NDF: 30356.0/26

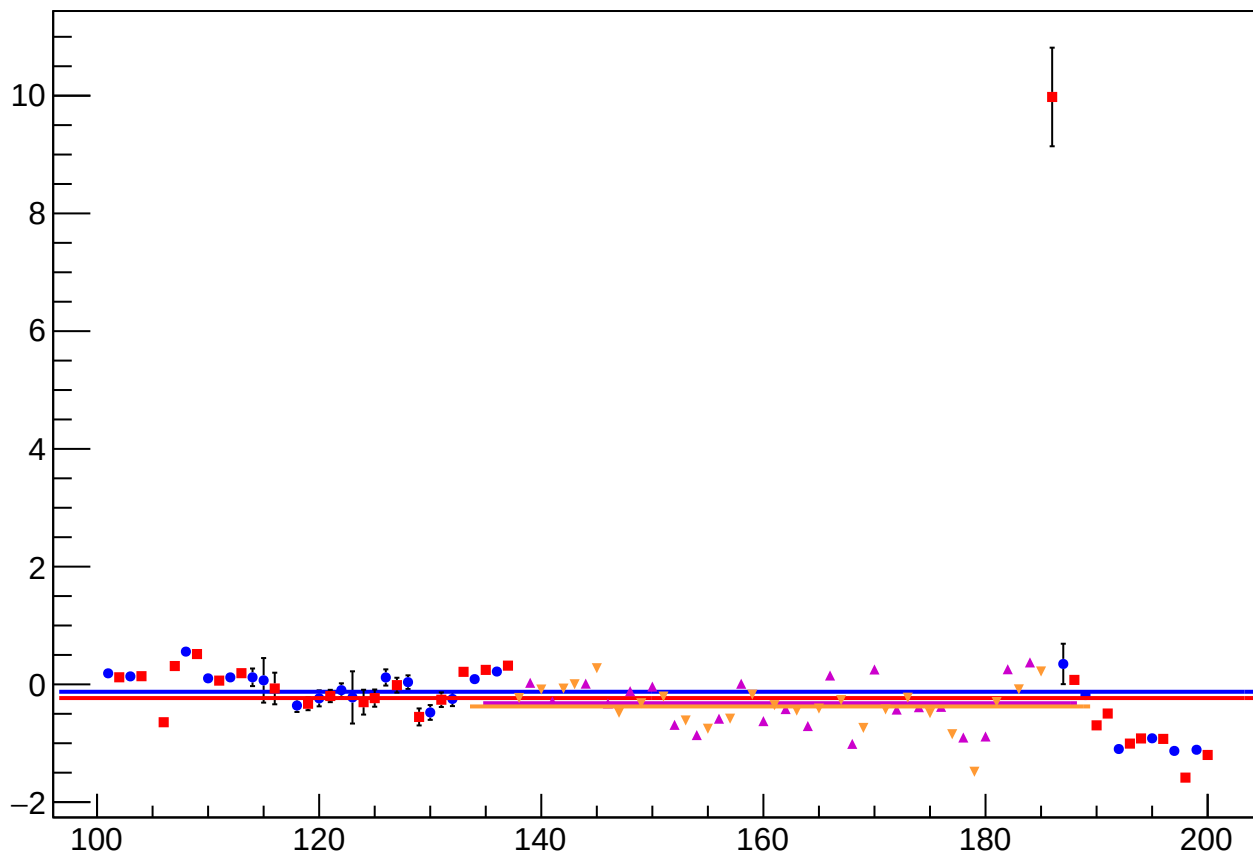
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 74.264 $\pm$ 0.151 χ^2 /NDF: 44016.8/47

All: 73.181 $\pm$ 0.107 χ^2 /NDF: 93747.5/97

- sign 72.111 $\pm$ 0.150 χ^2 /NDF: 49628.6/49

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.126 $\pm$ 0.012 χ^2/NDF : 2319.6/22

Left Out: -0.375 $\pm$ 0.008 χ^2/NDF : 1657.5/24

Right Out: -0.233 $\pm$ 0.011 χ^2/NDF : 3167.9/26

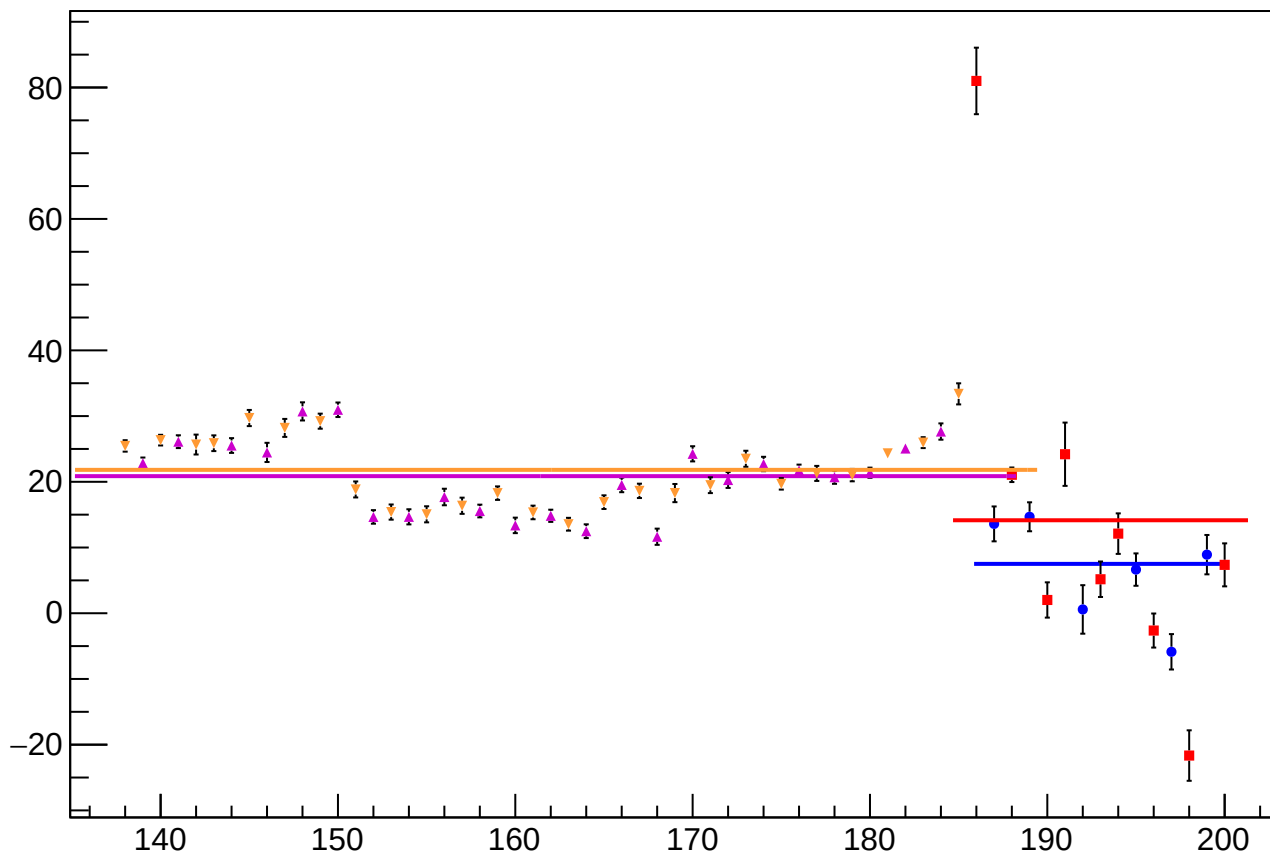
Left In: -0.320 $\pm$ 0.008 χ^2/NDF : 2325.0/22

+ sign -0.296 $\pm$ 0.007 χ^2/NDF : 4275.3/47

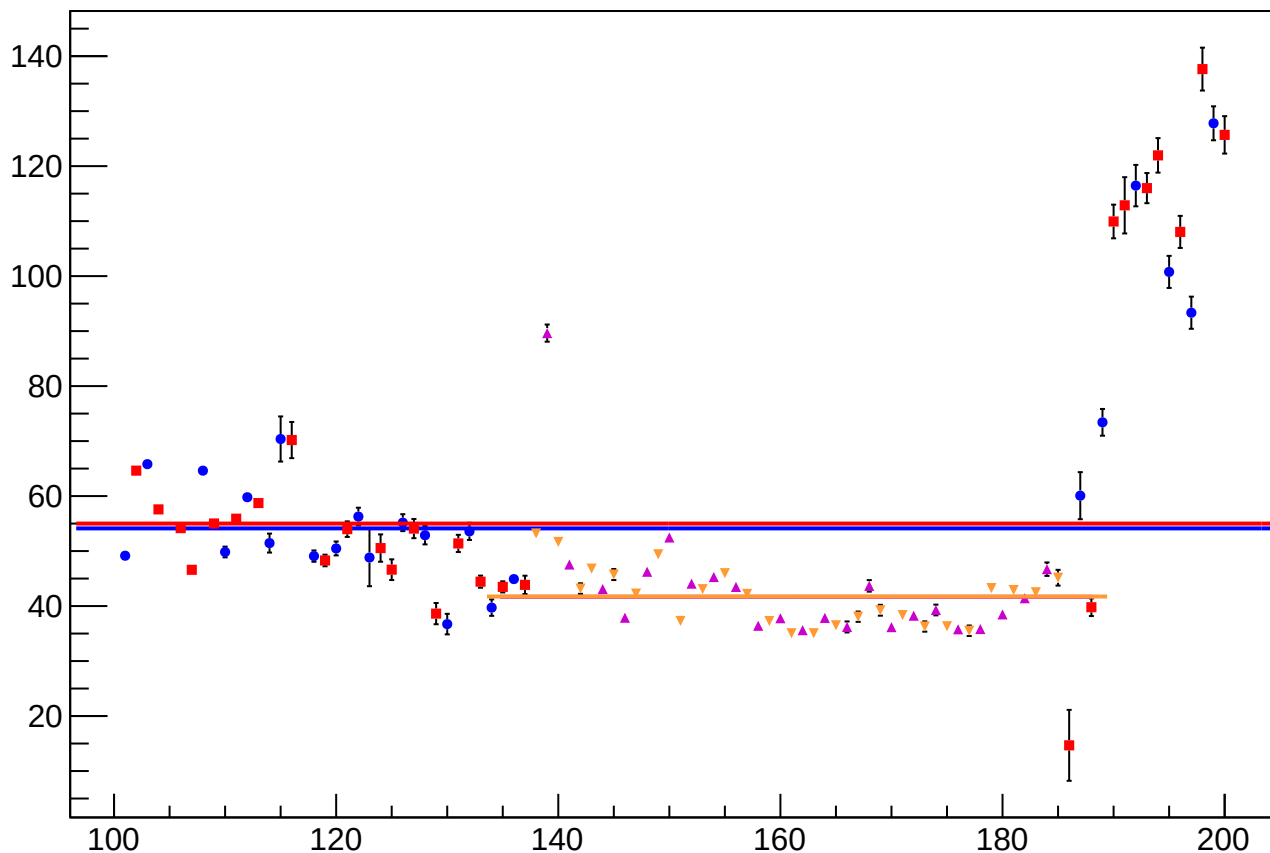
All: -0.292 $\pm$ 0.005 χ^2/NDF : 9811.0/97

- sign -0.288 $\pm$ 0.006 χ^2/NDF : 5535.1/49

reg_asym_sam6_diff_bpm1X_slope vs Slug



reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 54.120 ± 0.207 χ^2/NDF : 2570.7/22

Left Out: 41.732 ± 0.166 χ^2/NDF : 1014.0/24

Right Out: 55.001 ± 0.222 χ^2/NDF : 3656.5/26

Left In: 41.682 ± 0.173 χ^2/NDF : 1715.9/22

+ sign 46.568 ± 0.130 χ^2/NDF : 5762.0/47

All: 46.650 ± 0.094 χ^2/NDF : 13376.4/97

- sign 46.743 ± 0.137 χ^2/NDF : 7613.5/49

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 5.975 ± 0.339 $\chi^2/\text{NDF}: 4885.9/22$

Left Out: 52.116 ± 0.210 $\chi^2/\text{NDF}: 1445.4/24$

Right Out: 13.133 ± 0.331 $\chi^2/\text{NDF}: 6479.8/26$

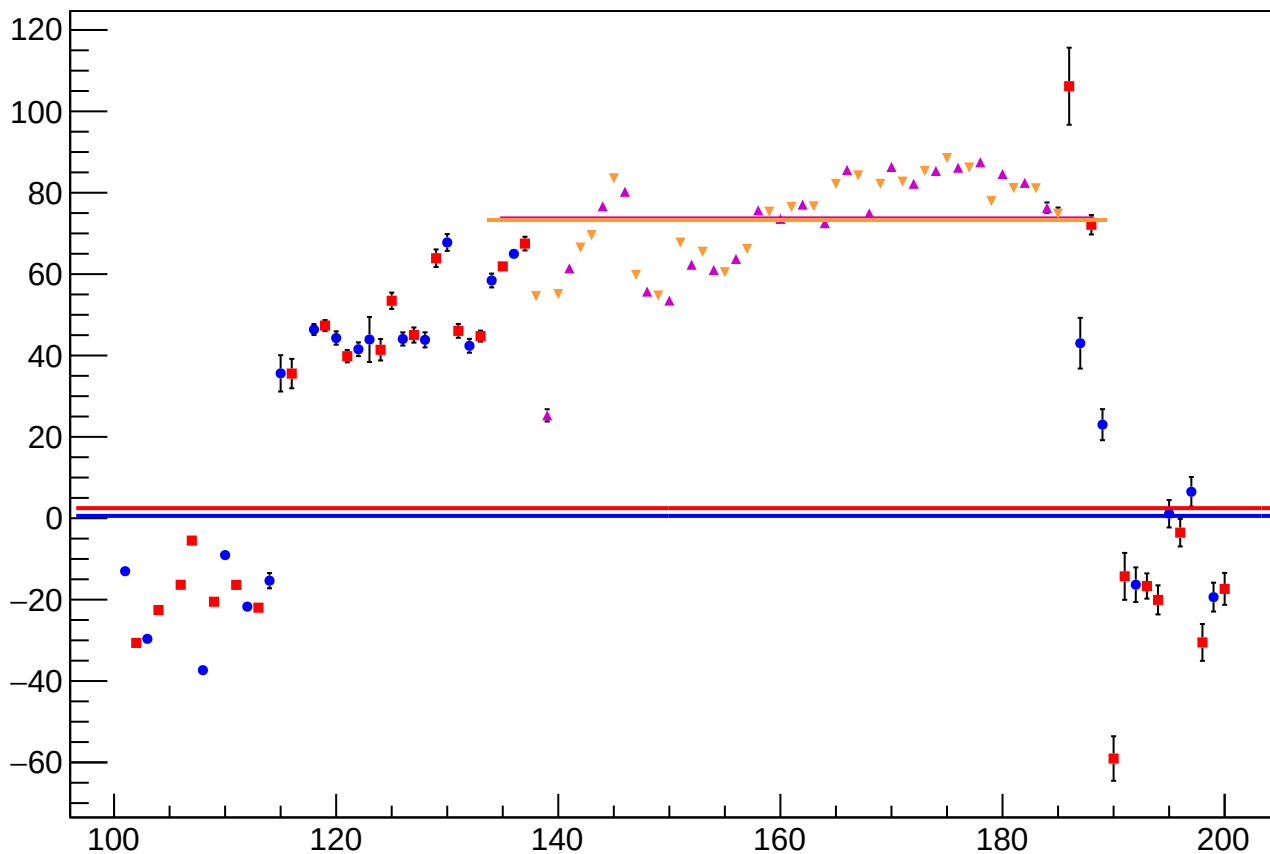
Left In: 53.447 ± 0.214 $\chi^2/\text{NDF}: 1167.6/22$

+ sign 39.292 ± 0.179 $\chi^2/\text{NDF}: 19692.1/47$

All: 40.395 ± 0.127 $\chi^2/\text{NDF}: 37881.6/97$

- sign 41.512 ± 0.180 $\chi^2/\text{NDF}: 18112.9/49$

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.579 ± 0.244 χ^2/NDF : 18554.8/22

Left Out: 73.294 ± 0.187 χ^2/NDF : 3148.2/24

Right Out: 2.488 ± 0.262 χ^2/NDF : 16650.1/26

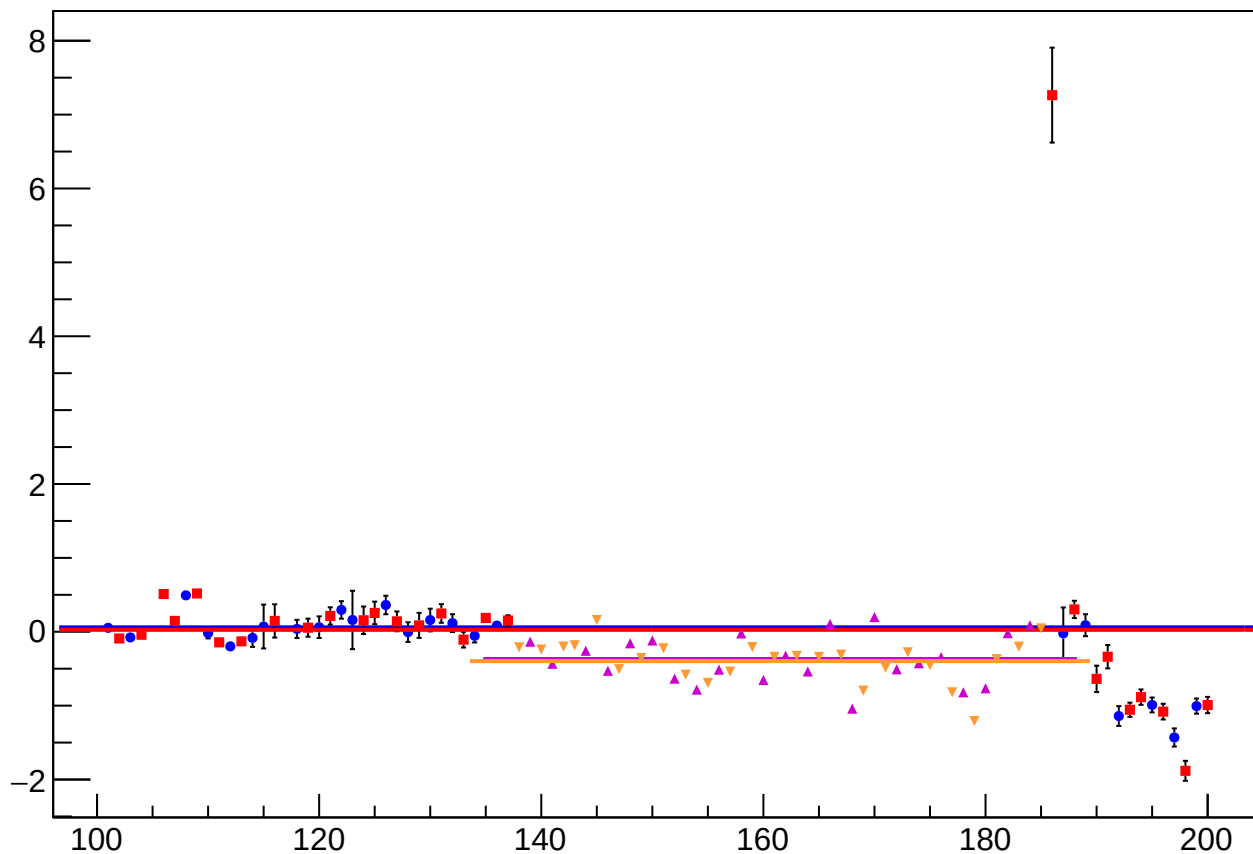
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ sign 46.298 ± 0.149 χ^2/NDF : 77632.1/47

All: 47.332 ± 0.108 χ^2/NDF : 146092.0/97

- sign 48.469 ± 0.156 χ^2/NDF : 68358.1/49

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.060 ± 0.011 χ^2/NDF : 861.2/22

Left Out: -0.397 ± 0.009 χ^2/NDF : 943.5/24

Right Out: 0.026 ± 0.011 χ^2/NDF : 1164.1/26

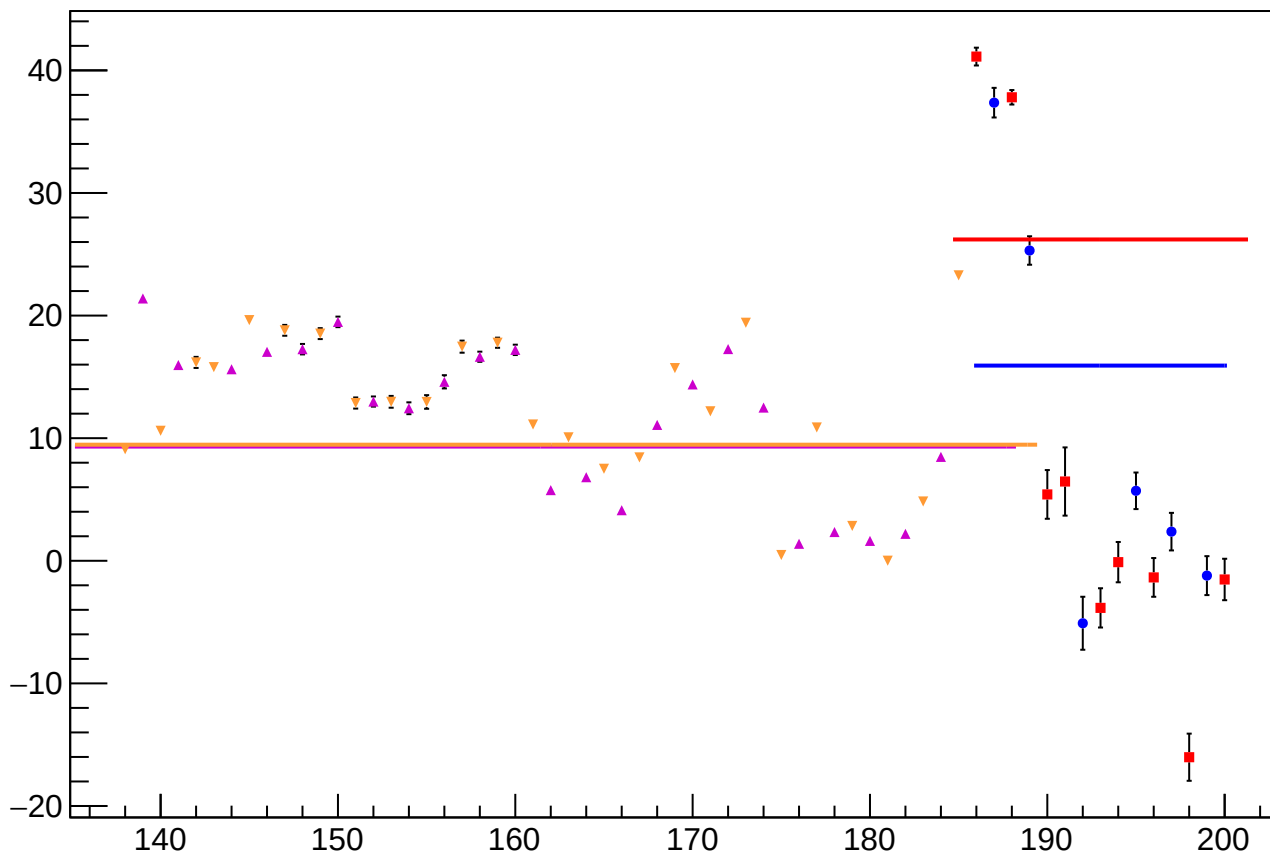
Left In: -0.369 ± 0.009 χ^2/NDF : 1322.7/22

+ sign -0.221 ± 0.007 χ^2/NDF : 2904.9/47

All: -0.217 ± 0.005 χ^2/NDF : 6214.3/97

- sign -0.213 ± 0.007 χ^2/NDF : 3308.8/49

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 15.921 ± 0.586 χ^2/NDF : 716.6/5

Left Out: 9.470 ± 0.061 χ^2/NDF : 12578.0/24

Right Out: 26.209 ± 0.380 χ^2/NDF : 2630.9/8

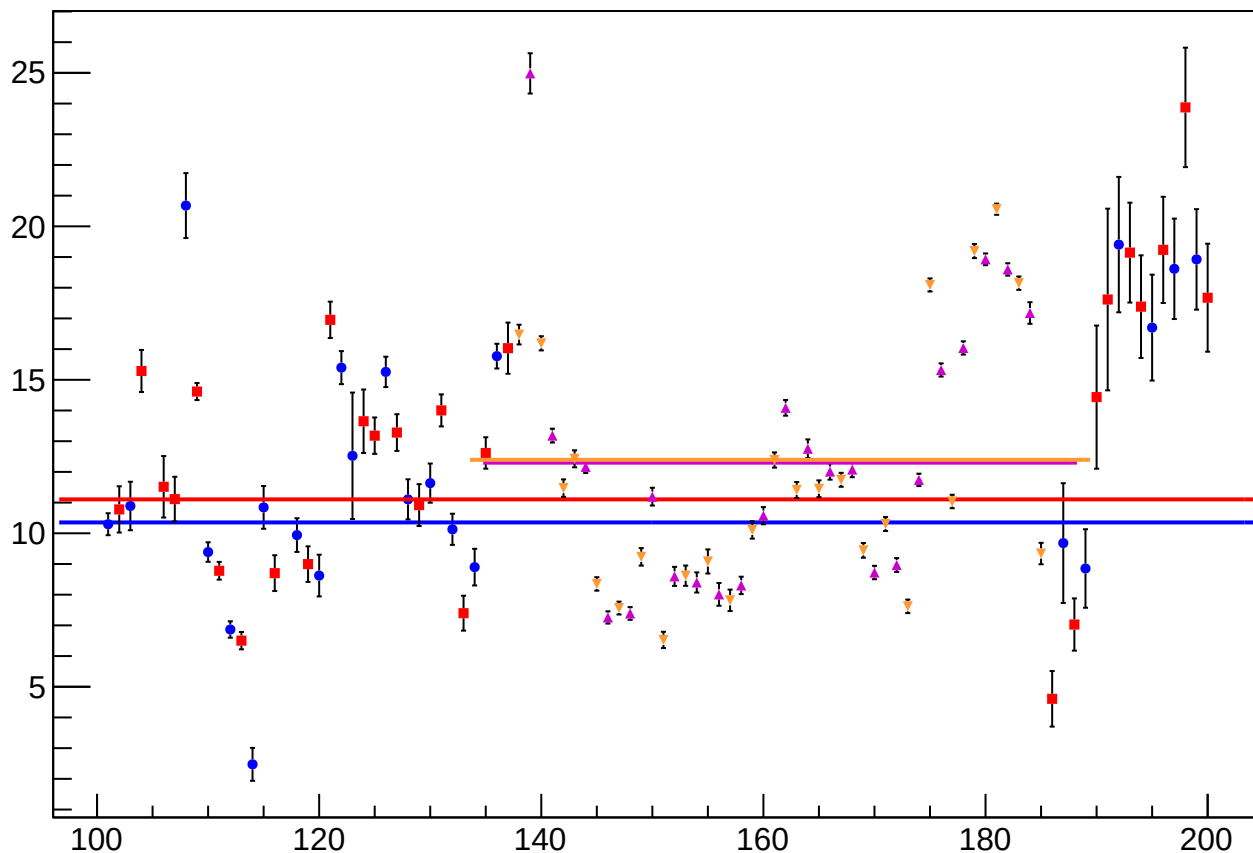
Left In: 9.315 ± 0.063 χ^2/NDF : 11007.3/22

+ sign 9.540 ± 0.061 χ^2/NDF : 13414.6/30

All: 9.650 ± 0.043 χ^2/NDF : 28982.3/62

- sign 9.763 ± 0.062 χ^2/NDF : 15561.0/31

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.354 $\pm$ 0.117 χ^2 /NDF: 963.6/22

Left Out: 12.393 $\pm$ 0.050 χ^2 /NDF: 7525.9/24

Right Out: 11.105 $\pm$ 0.113 χ^2 /NDF: 1002.0/26

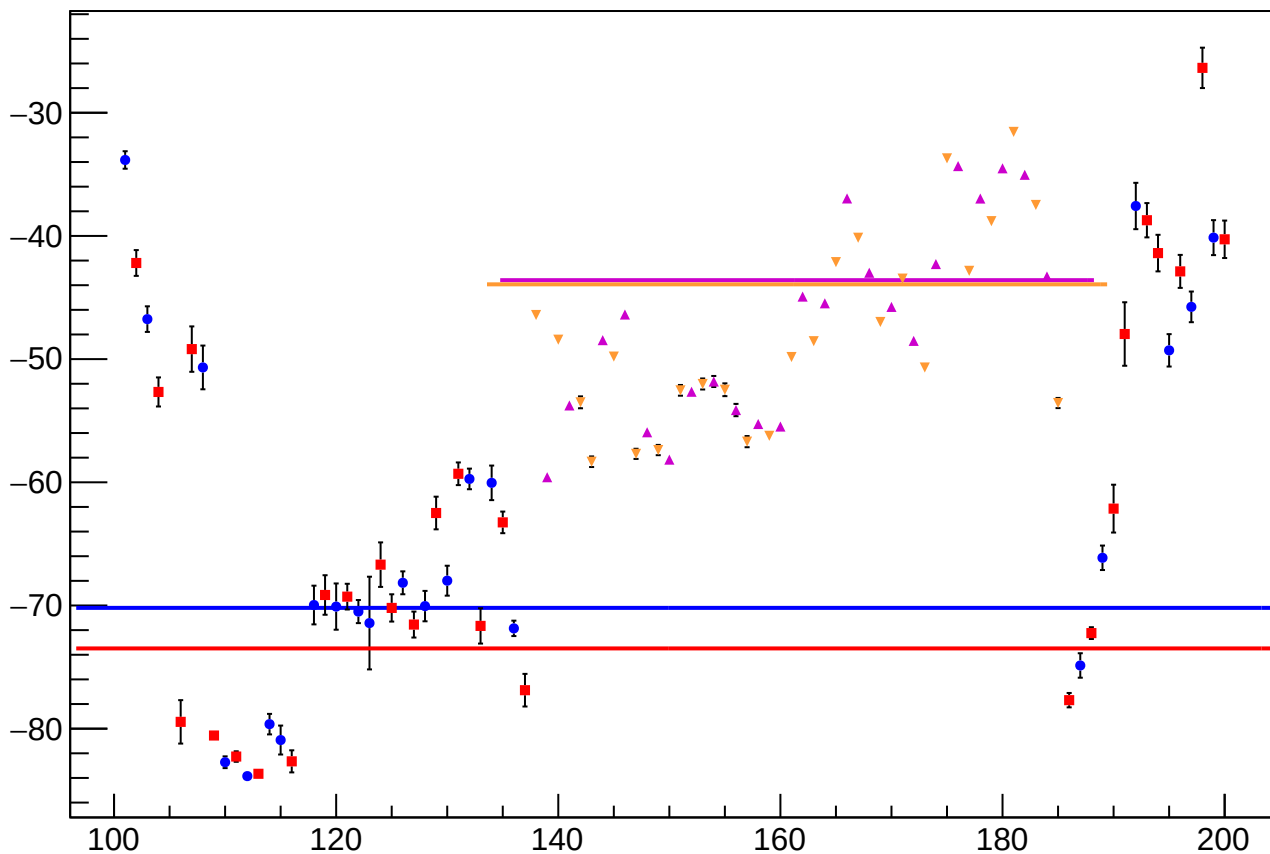
Left In: 12.302 $\pm$ 0.051 χ^2 /NDF: 5661.3/22

+ sign 12.081 $\pm$ 0.046 χ^2 /NDF: 8746.1/47

All: 12.090 $\pm$ 0.033 χ^2 /NDF: 15502.6/97

- sign 12.099 $\pm$ 0.047 χ^2 /NDF: 6756.4/49

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -70.194 ± 0.184 $\chi^2/\text{NDF}: 7095.8/22$

Left Out: -43.930 ± 0.062 $\chi^2/\text{NDF}: 17576.0/24$

Right Out: -73.486 ± 0.157 $\chi^2/\text{NDF}: 6548.8/26$

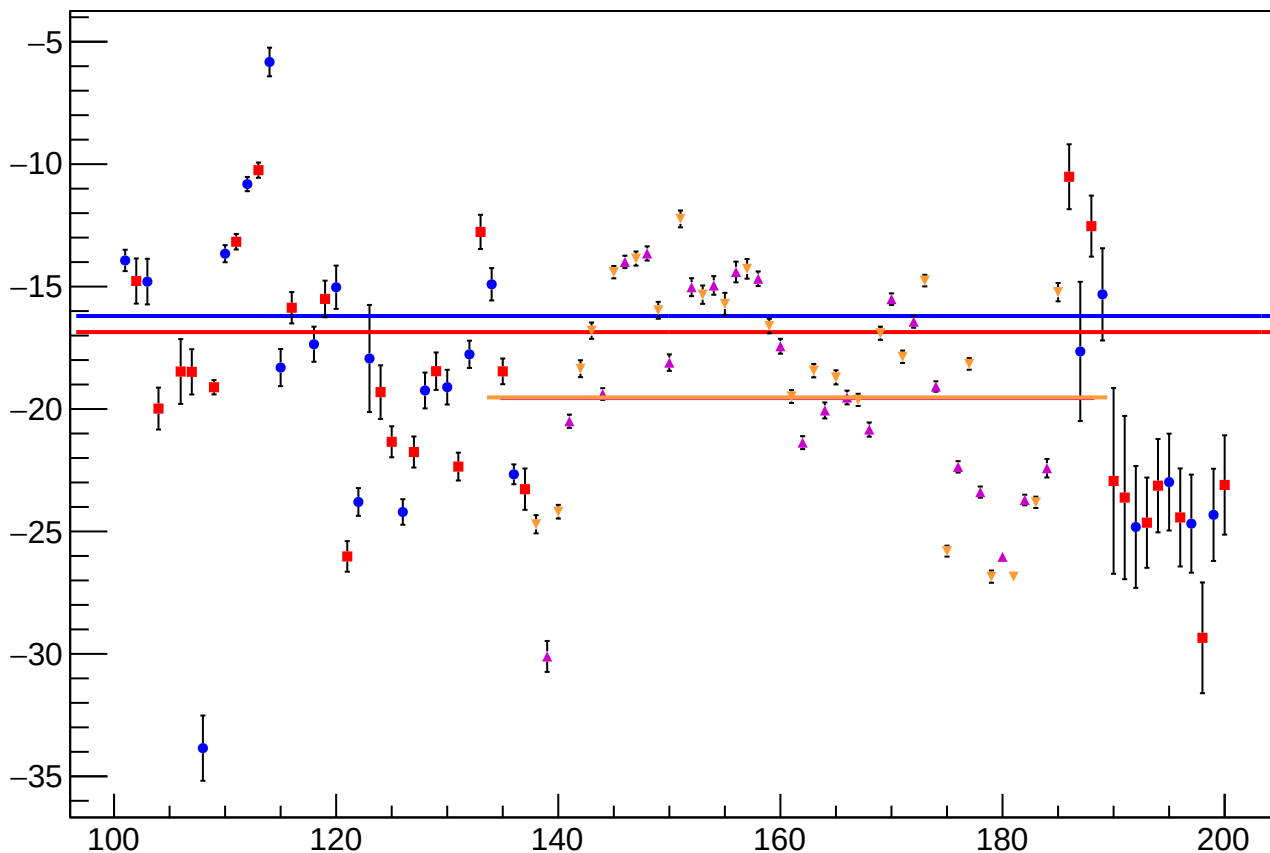
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.616 ± 0.059 $\chi^2/\text{NDF}: 43011.7/47$

All: -47.180 ± 0.041 $\chi^2/\text{NDF}: 96496.5/97$

- sign -47.740 ± 0.059 $\chi^2/\text{NDF}: 53301.2/49$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.202 $\pm$ 0.131 χ^2 /NDF: 1702.6/22

Left Out: -19.526 $\pm$ 0.056 χ^2 /NDF: 6493.0/24

Right Out: -16.858 $\pm$ 0.126 χ^2 /NDF: 1331.1/26

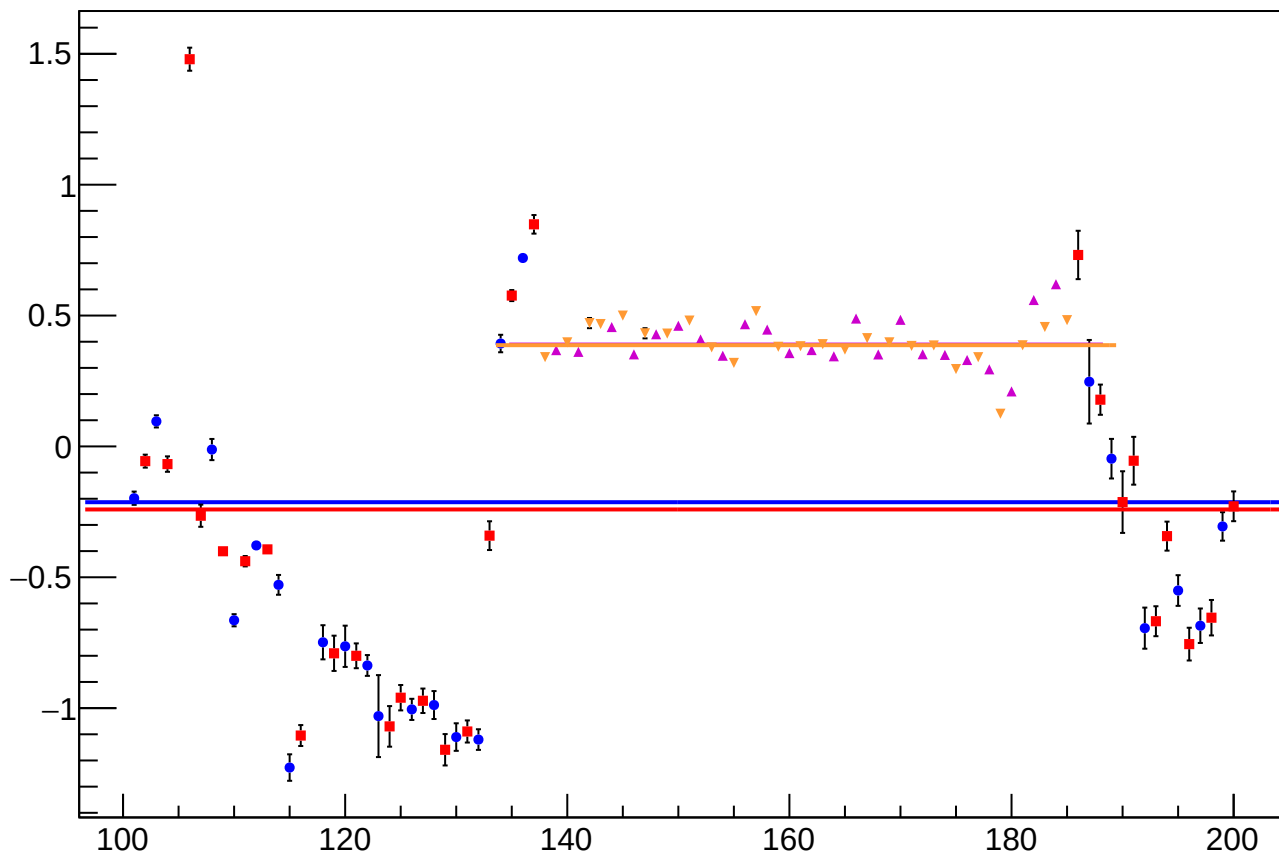
Left In: -19.552 $\pm$ 0.057 χ^2 /NDF: 4359.1/22

+ sign -19.012 $\pm$ 0.051 χ^2 /NDF: 8743.2/47

All: -19.050 $\pm$ 0.037 χ^2 /NDF: 14815.9/97

- sign -19.090 $\pm$ 0.052 χ^2 /NDF: 6071.5/49

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.213 ± 0.007 χ^2/NDF : 6481.0/22

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.241 ± 0.007 χ^2/NDF : 6539.1/26

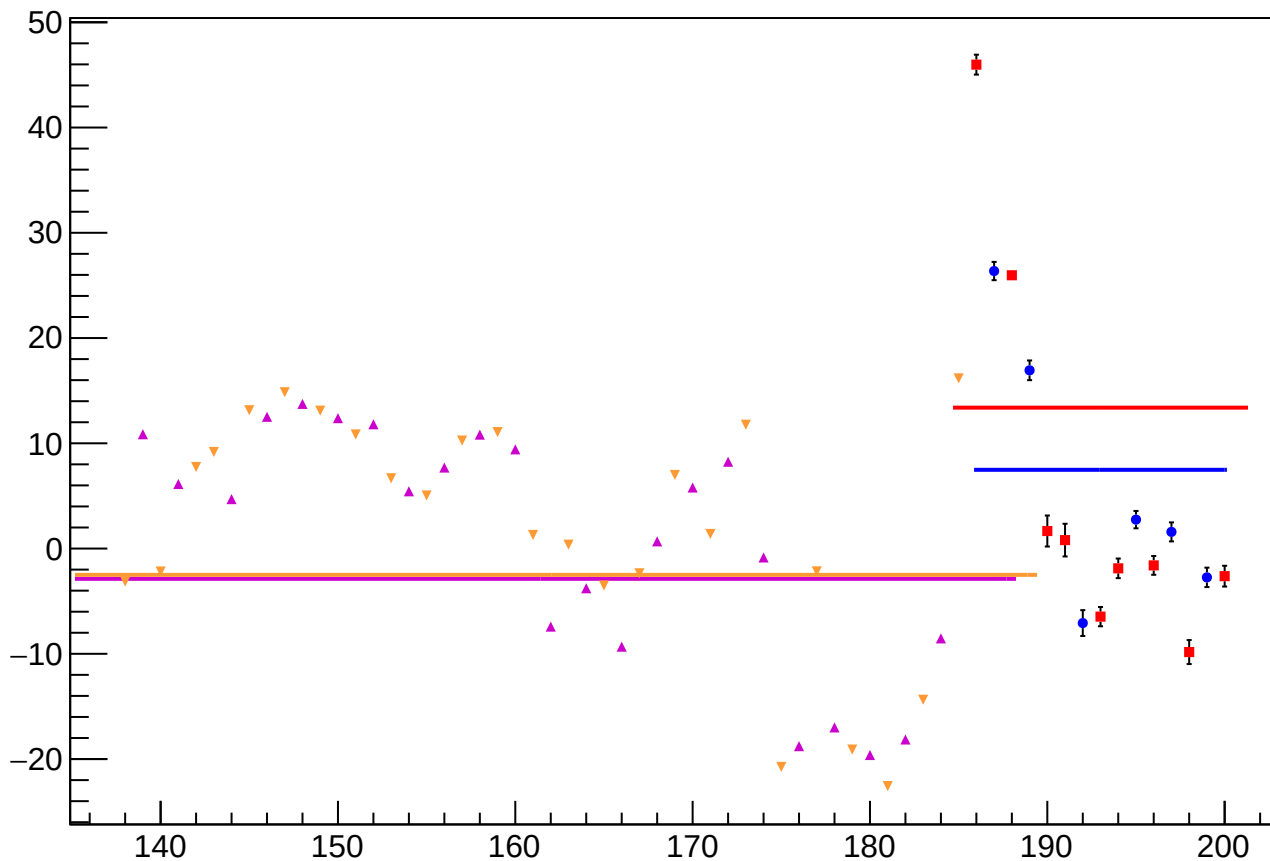
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.321 ± 0.002 χ^2/NDF : 13505.7/47

All: 0.315 ± 0.002 χ^2/NDF : 28719.8/97

- sign 0.309 ± 0.002 χ^2/NDF : 15202.8/49

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 7.481 ± 0.378 $\chi^2/\text{NDF}: 914.5/5$

Left Out: -2.499 ± 0.053 $\chi^2/\text{NDF}: 55930.9/24$

Right Out: 13.388 ± 0.279 $\chi^2/\text{NDF}: 3875.8/8$

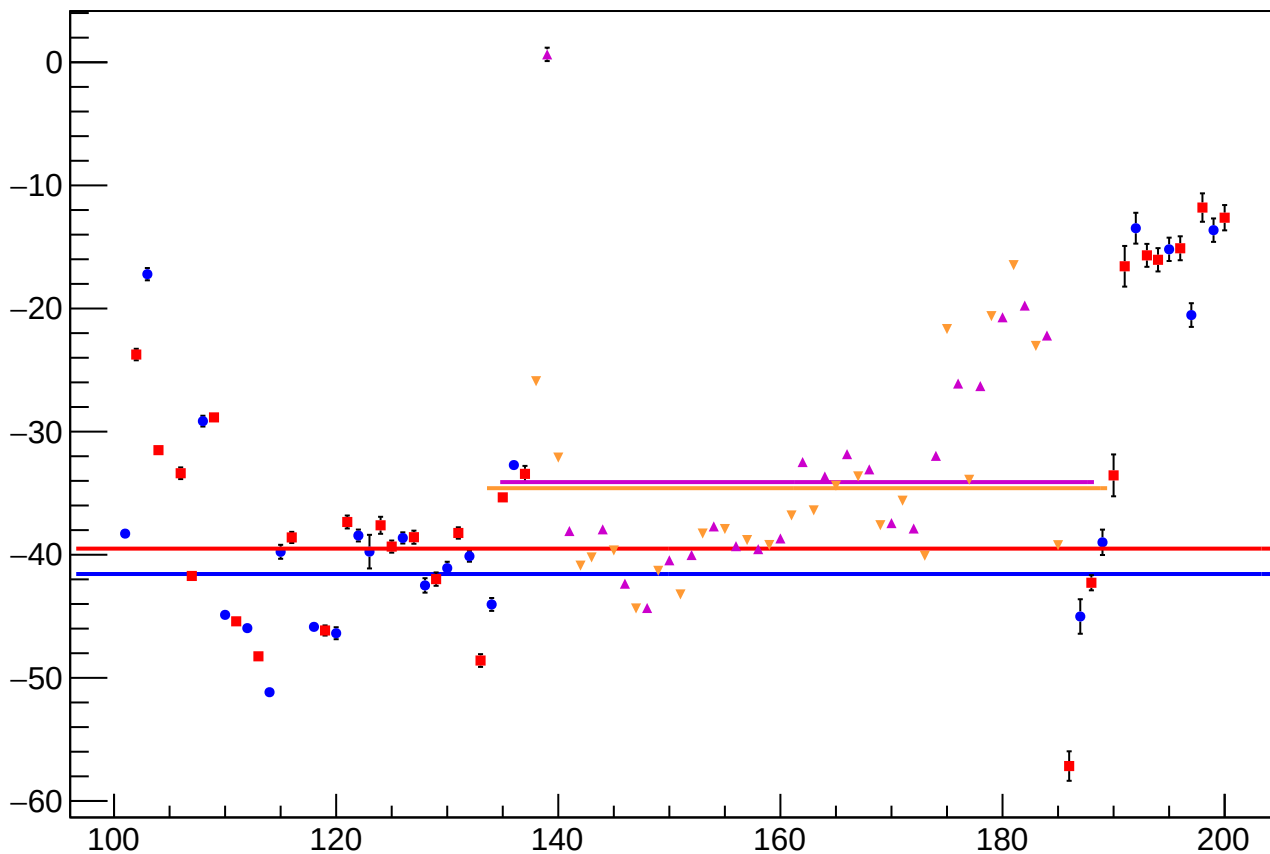
Left In: -2.876 ± 0.055 $\chi^2/\text{NDF}: 46380.9/22$

+ sign -2.307 ± 0.052 $\chi^2/\text{NDF}: 57529.8/30$

All: -2.291 ± 0.037 $\chi^2/\text{NDF}: 111061.6/62$

- sign -2.275 ± 0.054 $\chi^2/\text{NDF}: 53531.6/31$

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.565 ± 0.077 χ^2/NDF : 9262.5/22

Left Out: -34.594 ± 0.042 χ^2/NDF : 34404.6/24

Right Out: -39.503 ± 0.071 χ^2/NDF : 14558.9/26

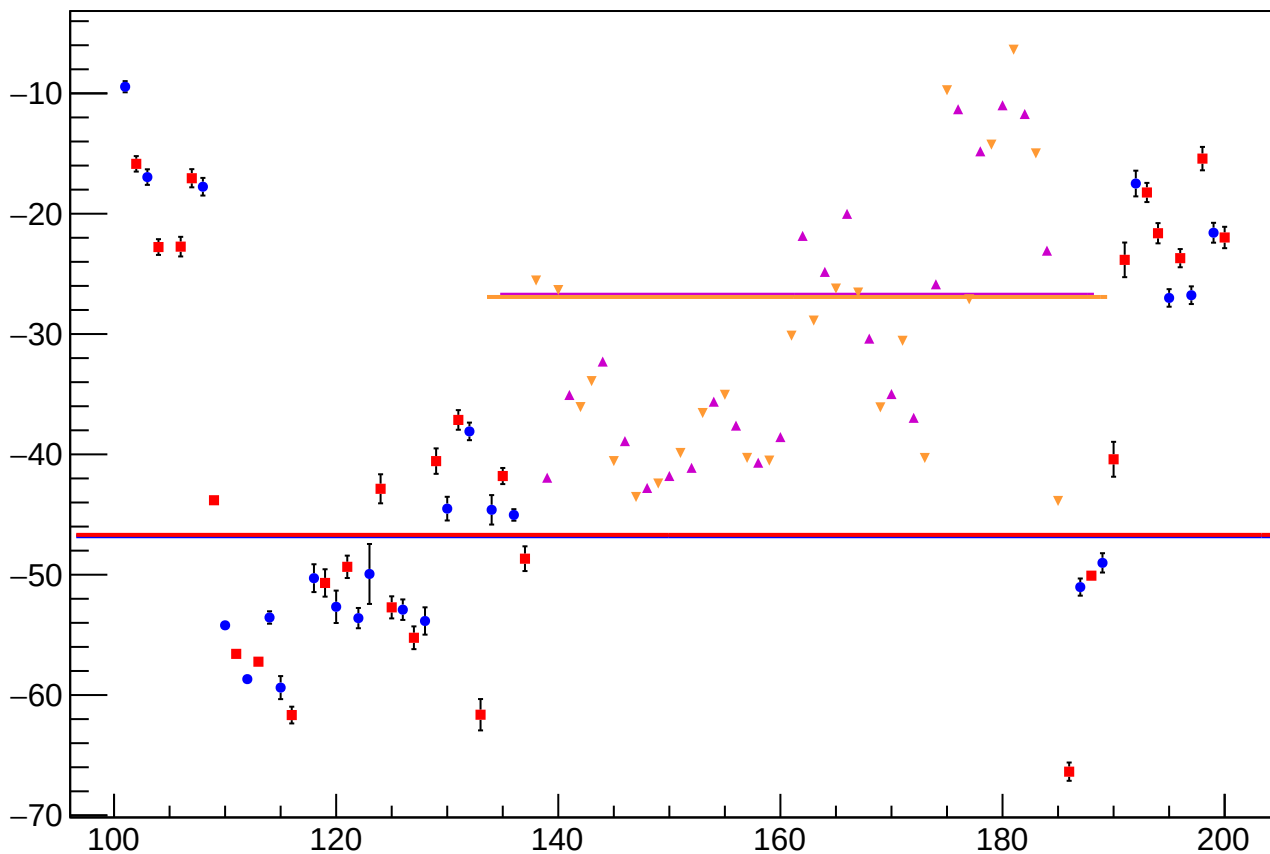
Left In: -34.099 ± 0.044 χ^2/NDF : 29370.6/22

+ sign -36.205 ± 0.037 χ^2/NDF : 50047.5/47

All: -35.900 ± 0.026 χ^2/NDF : 98295.4/97

- sign -35.586 ± 0.037 χ^2/NDF : 48108.4/49

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -46.803 ± 0.116 $\chi^2/\text{NDF}: 18111.2/22$

Left Out: -26.920 ± 0.053 $\chi^2/\text{NDF}: 49198.9/24$

Right Out: -46.688 ± 0.098 $\chi^2/\text{NDF}: 17240.2/26$

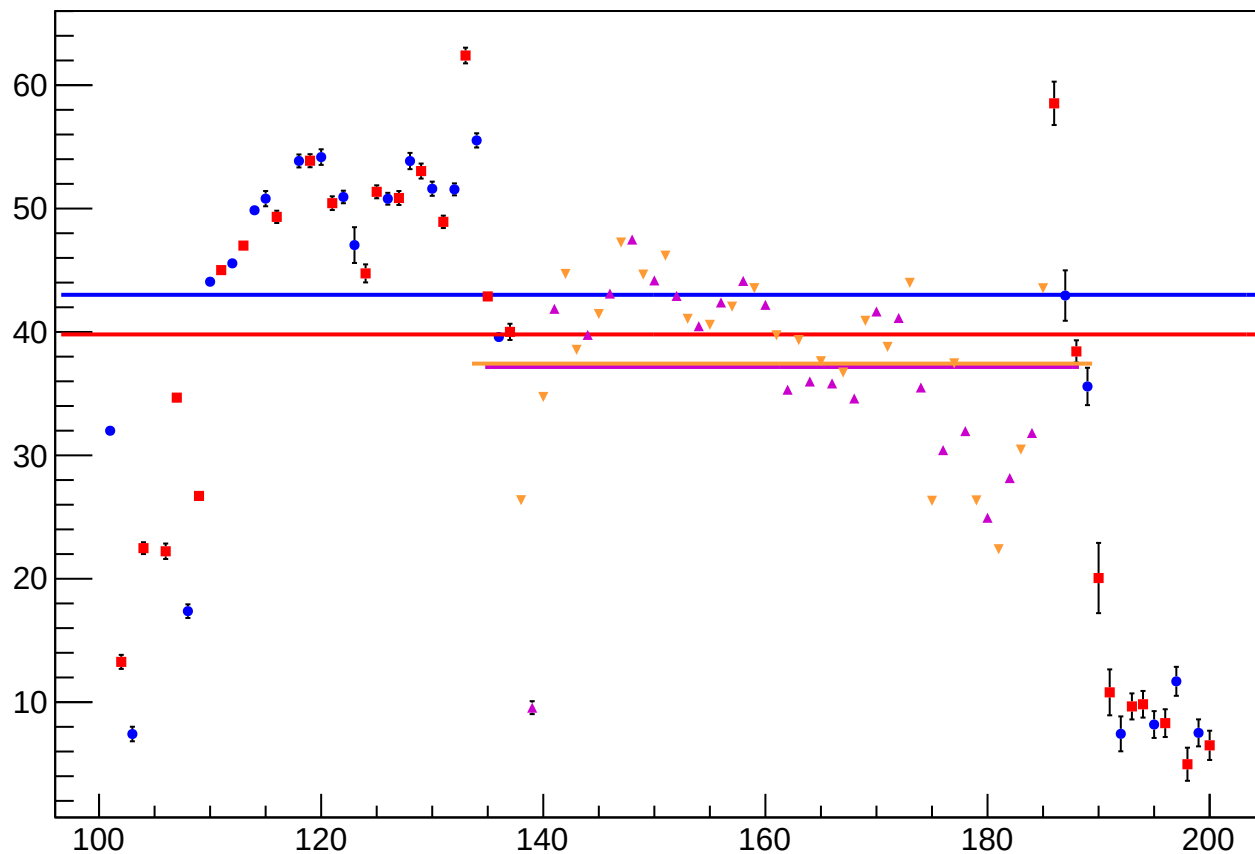
Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

+ sign -30.384 ± 0.048 $\chi^2/\text{NDF}: 91527.4/47$

All: -30.950 ± 0.034 $\chi^2/\text{NDF}: 183433.2/97$

- sign -31.499 ± 0.048 $\chi^2/\text{NDF}: 91637.7/49$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.010 $\pm$ 0.085 χ^2 /NDF: 14167.2/22

Left Out: 37.435 $\pm$ 0.047 χ^2 /NDF:21517.4/24

Right Out: 39.800 $\pm$ 0.079 χ^2 /NDF: 21303.6/26

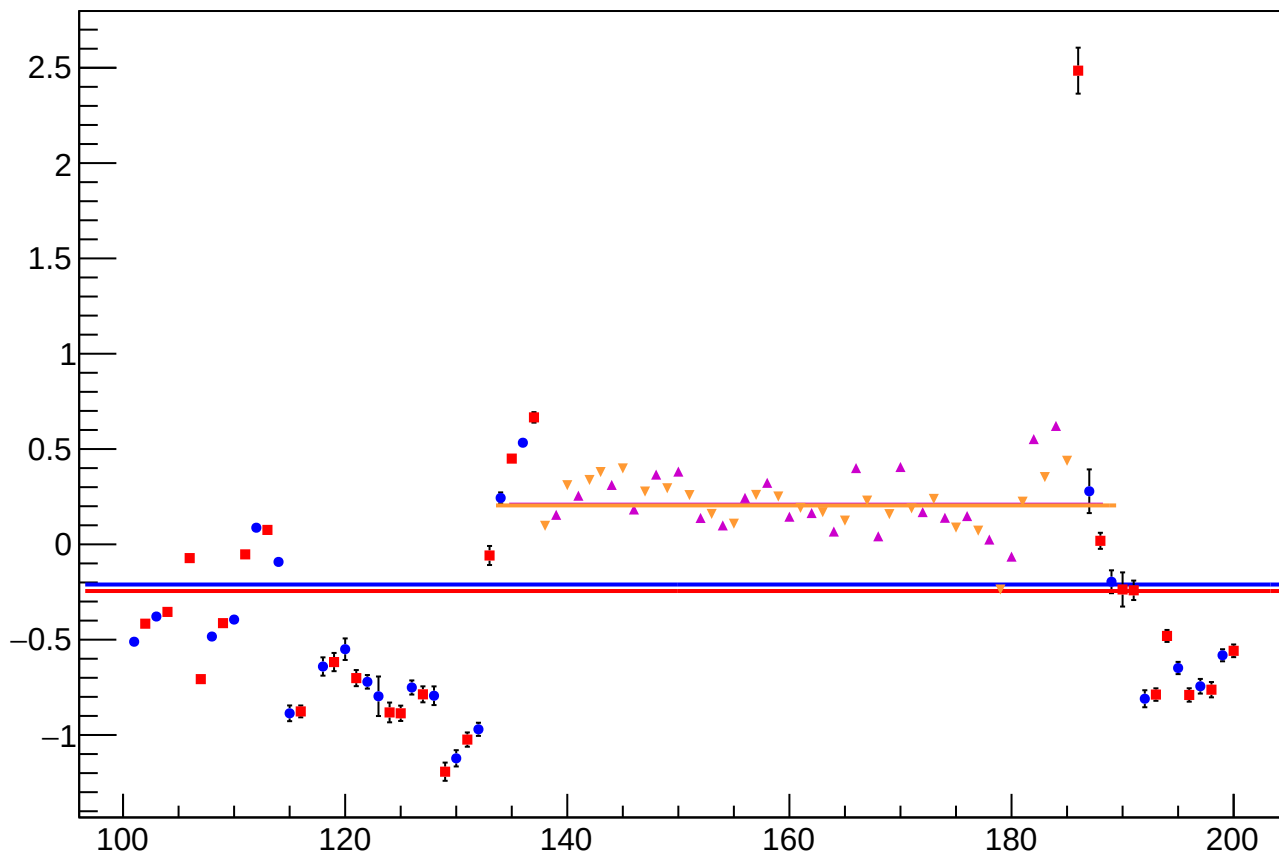
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.743 $\pm$ 0.041 χ^2 /NDF: 38939.6/47

All: 38.325 $\pm$ 0.029 χ^2 /NDF: 78681.3/97

- sign 37.902 $\pm$ 0.042 χ^2 /NDF: 39536.6/49

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.211 ± 0.005 χ^2/NDF : 8138.3/22

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.245 ± 0.004 χ^2/NDF : 8879.1/26

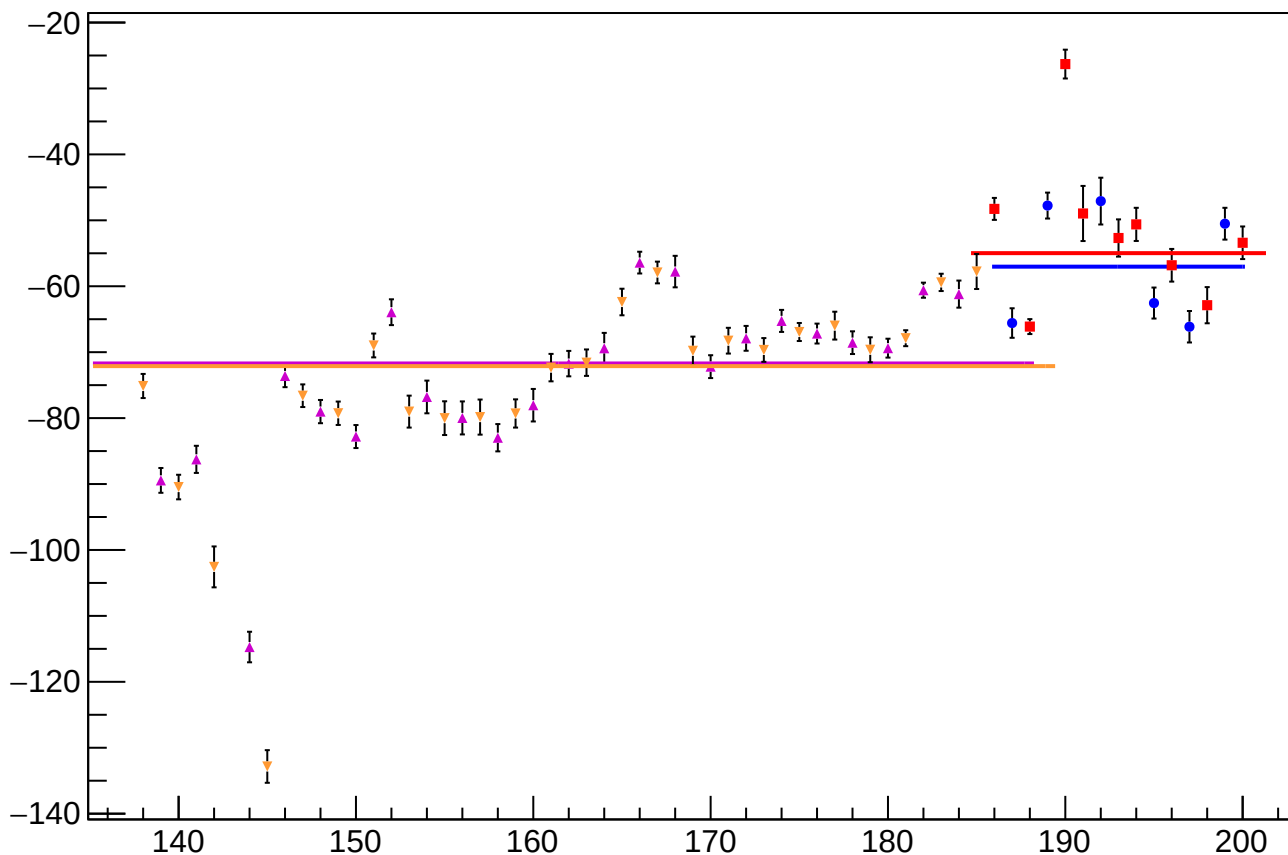
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.129 ± 0.002 χ^2/NDF : 18470.7/47

All: 0.117 ± 0.001 χ^2/NDF : 41894.5/97

- sign 0.105 ± 0.002 χ^2/NDF : 23345.6/49

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -57.028 ± 0.969 $\chi^2/\text{NDF}: 72.0/5$

Left Out: -72.115 ± 0.383 $\chi^2/\text{NDF}: 1125.2/23$

Right Out: -54.978 ± 0.683 $\chi^2/\text{NDF}: 299.7/8$

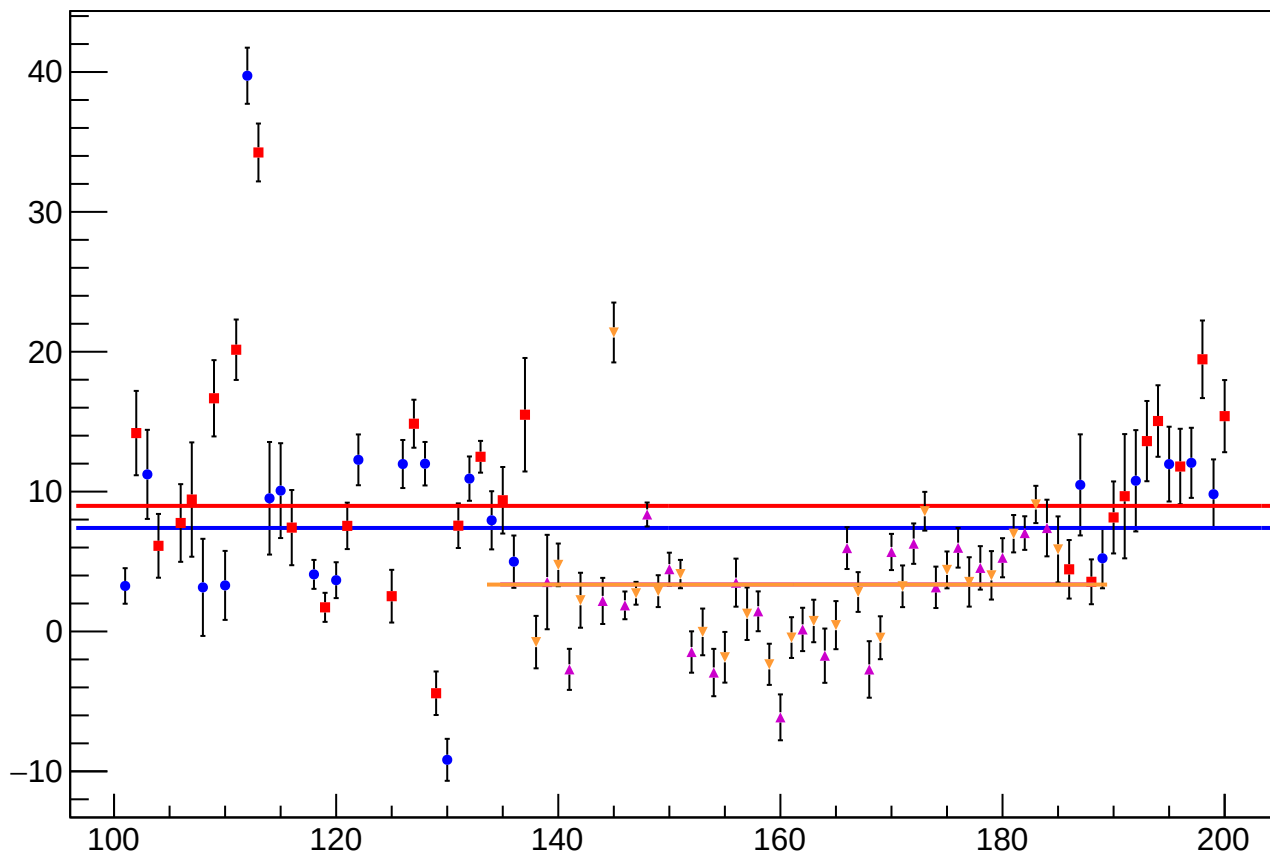
Left In: -71.713 ± 0.380 $\chi^2/\text{NDF}: 884.6/22$

+ sign -70.078 ± 0.356 $\chi^2/\text{NDF}: 1406.9/29$

All: -68.833 ± 0.243 $\chi^2/\text{NDF}: 3072.8/61$

- sign -67.749 ± 0.332 $\chi^2/\text{NDF}: 1642.9/31$

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.400 ± 0.403 χ^2/NDF : 457.4/21

Left Out: 3.353 ± 0.295 χ^2/NDF : 167.8/23

Right Out: 8.979 ± 0.394 χ^2/NDF : 395.1/25

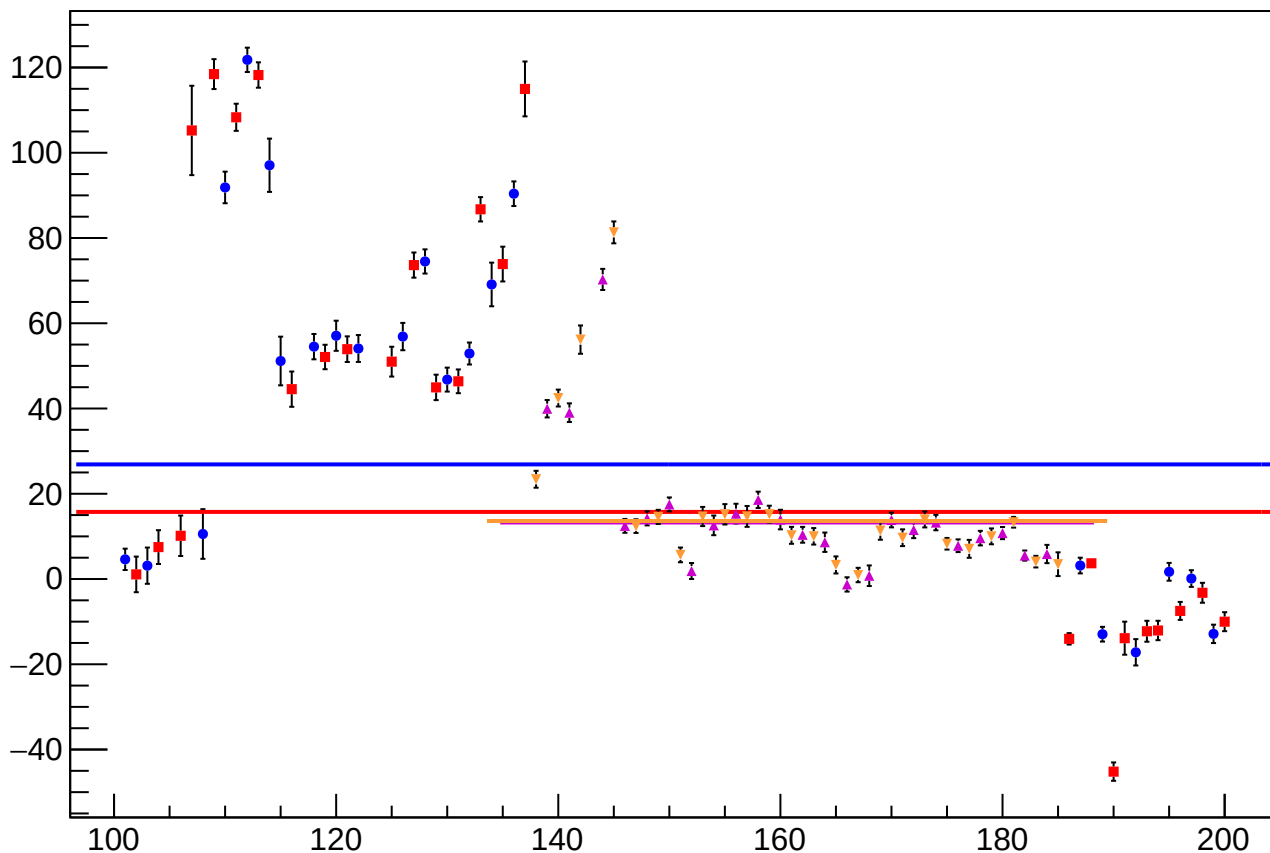
Left In: 3.360 ± 0.298 χ^2/NDF : 164.5/22

+ sign 4.762 ± 0.238 χ^2/NDF : 690.9/45

All: 5.083 ± 0.168 χ^2/NDF : 1383.8/94

- sign 5.403 ± 0.237 χ^2/NDF : 689.3/48

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 26.889 $\pm$ 0.588 χ^2 /NDF: 4556.0/21

Left Out: 13.610 $\pm$ 0.382 χ^2 /NDF:1303.3/23

Right Out: 15.740 $\pm$ 0.477 χ^2 /NDF: 7241.3/25

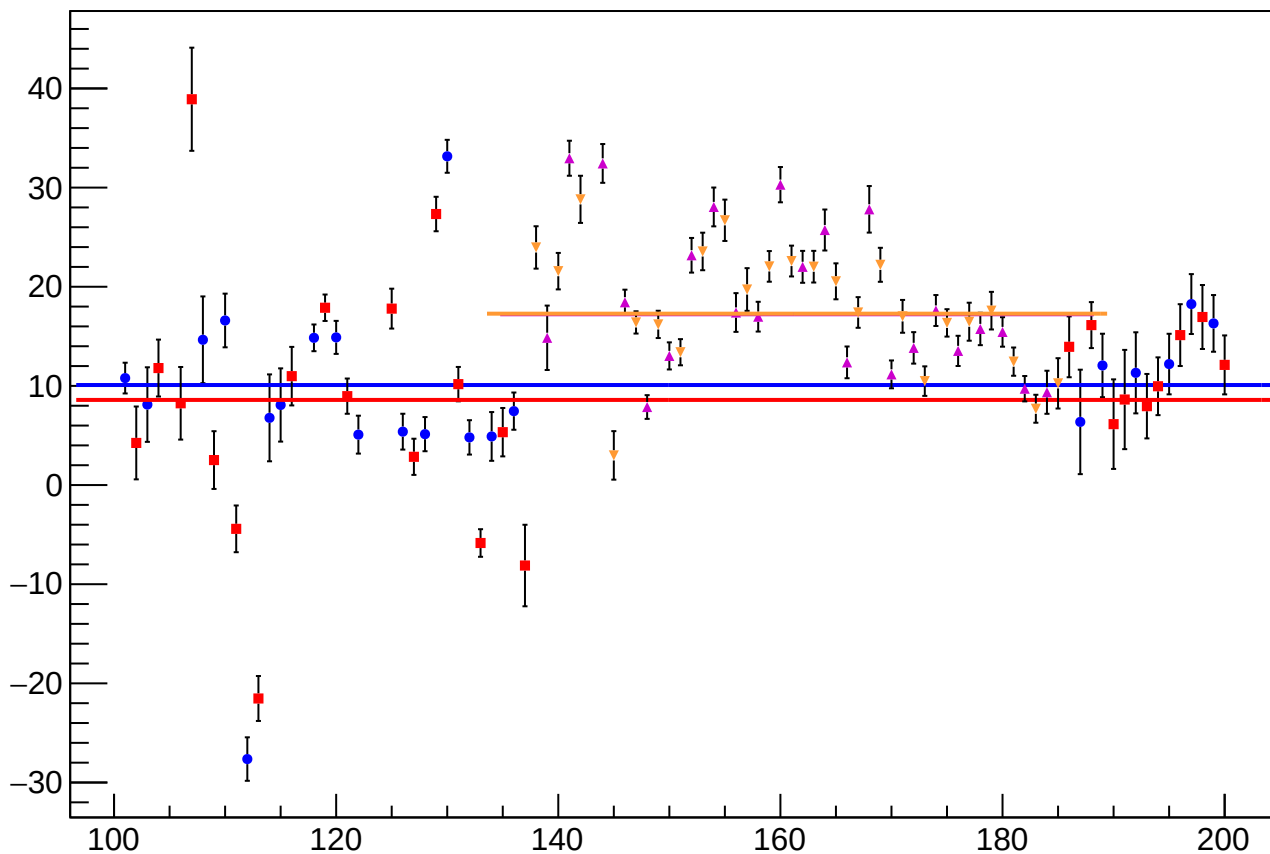
Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

+ sign 17.543 $\pm$ 0.320 χ^2 /NDF: 6217.7/45

All: 15.754 $\pm$ 0.218 χ^2 /NDF: 14610.5/94

- sign 14.220 $\pm$ 0.297 χ^2 /NDF: 8334.8/48

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 10.088 $\pm$ 0.471 χ^2 /NDF: 568.9/21

Left Out: 17.285 $\pm$ 0.337 χ^2 /NDF:244.0/23

Right Out: 8.586 $\pm$ 0.464 χ^2 /NDF: 597.8/25

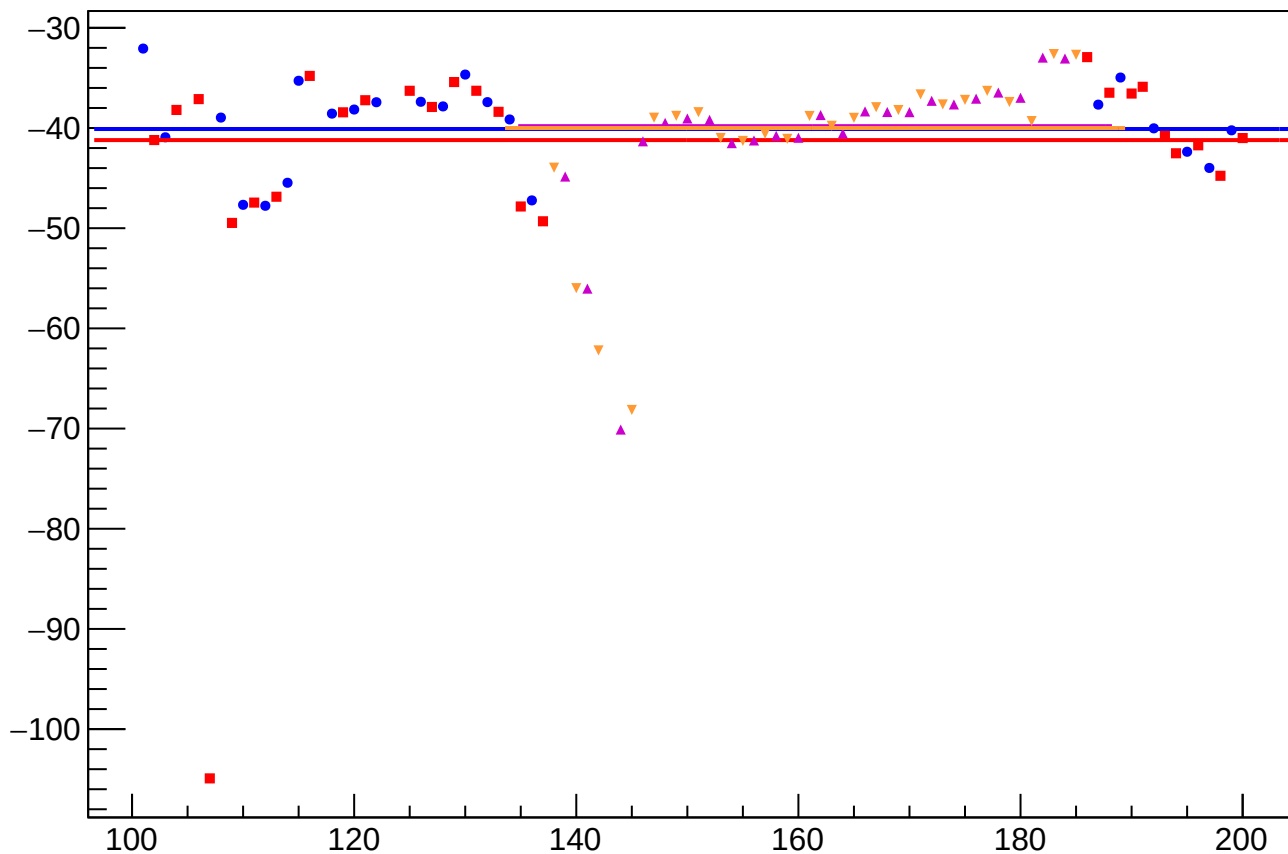
Left In: 17.224 $\pm$ 0.339 χ^2 /NDF:442.2/22

+ sign 14.846 $\pm$ 0.274 χ^2 /NDF: 967.5/45

All: 14.532 $\pm$ 0.194 χ^2 /NDF: 2236.6/94

- sign 14.220 $\pm$ 0.273 χ^2 /NDF: 1266.5/48

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.099 ± 0.025 χ^2/NDF : 30343.8/21

Left Out: -40.002 ± 0.016 χ^2/NDF : 172150.1/23

Right Out: -41.206 ± 0.023 χ^2/NDF : 101162.4/25

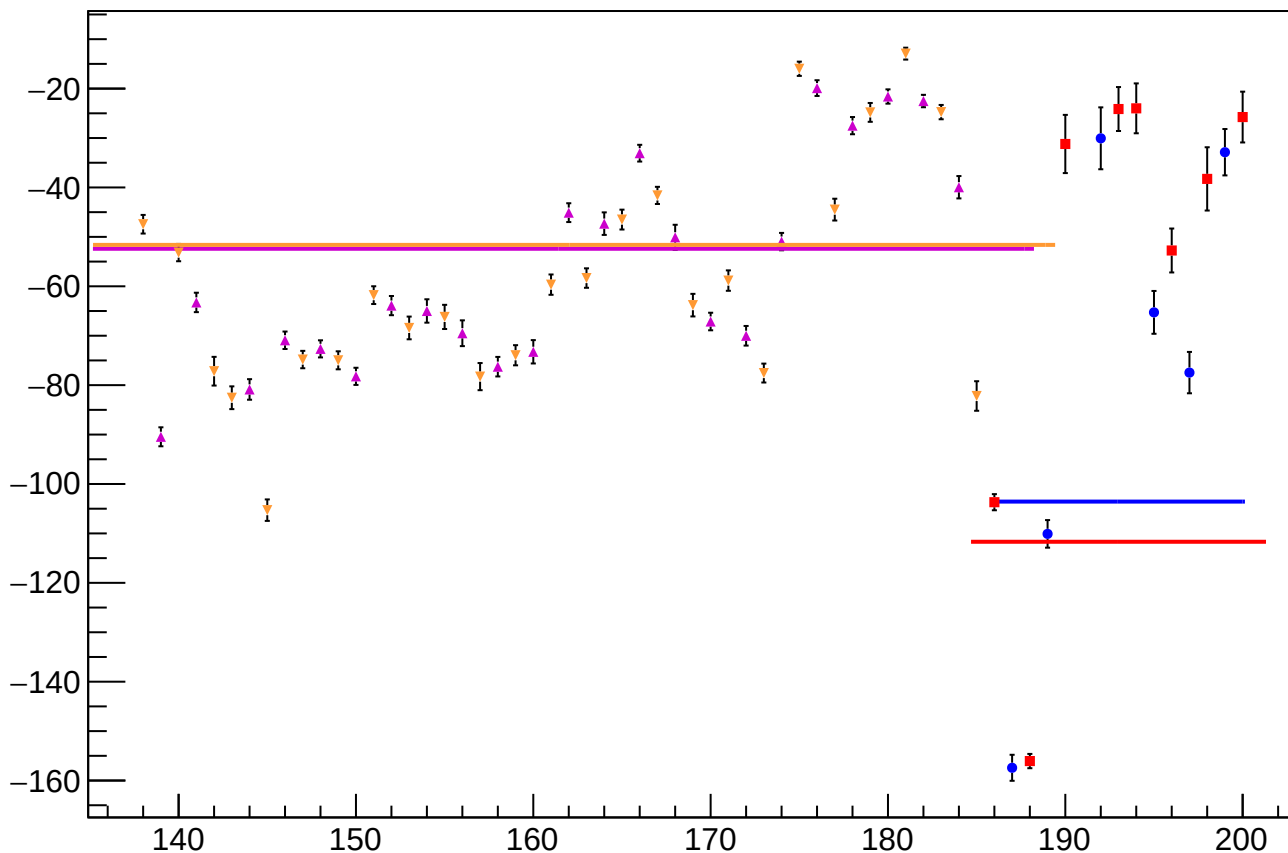
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -40.029 ± 0.013 χ^2/NDF : 202504.5/45

All: -40.138 ± 0.009 χ^2/NDF : 452044.3/94

- sign -40.241 ± 0.013 χ^2/NDF : 249409.5/48

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -103.560 ± 1.484 $\chi^2/\text{NDF}: 906.1/5$

Left Out: -51.622 ± 0.383 $\chi^2/\text{NDF}: 4133.0/24$

Right Out: -111.689 ± 0.960 $\chi^2/\text{NDF}: 2429.8/7$

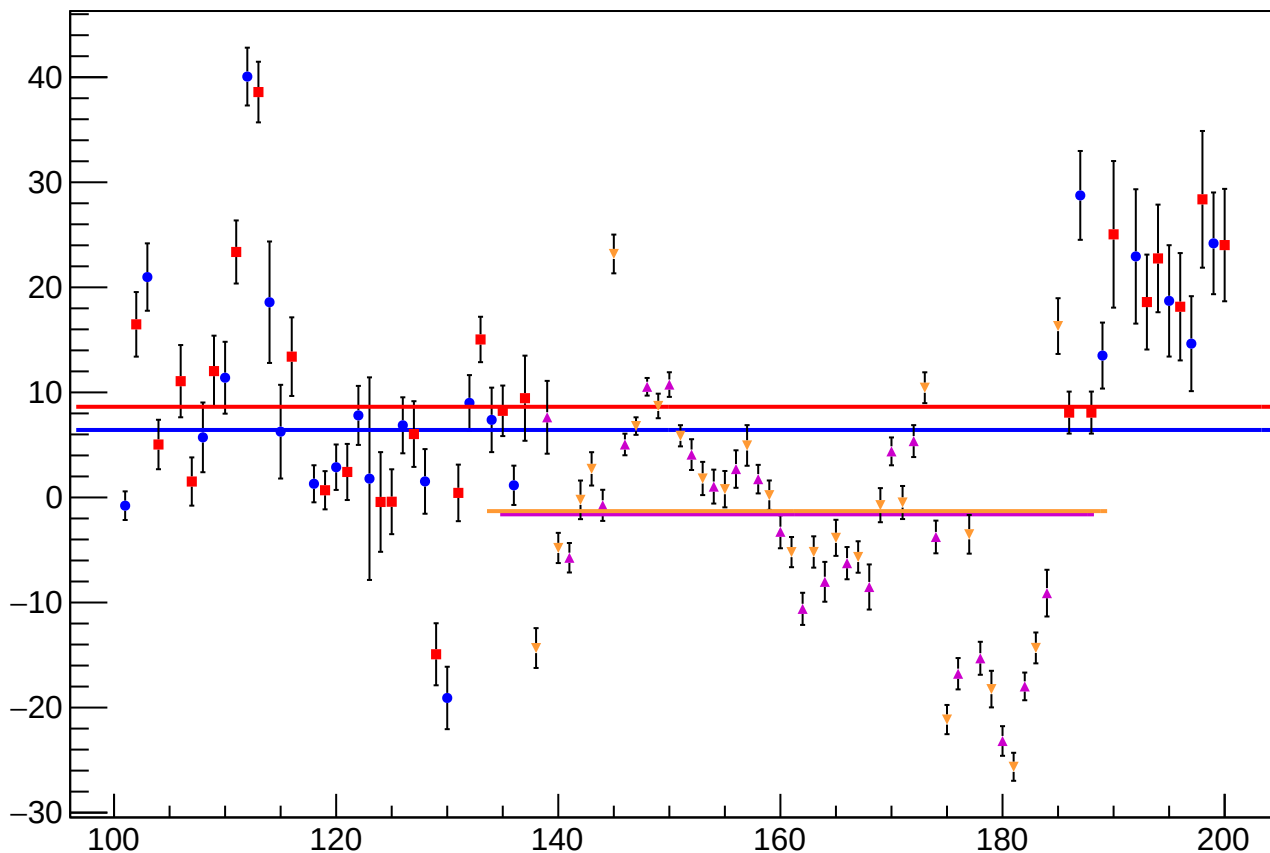
Left In: -52.409 ± 0.387 $\chi^2/\text{NDF}: 3378.7/22$

+ sign -54.872 ± 0.371 $\chi^2/\text{NDF}: 6187.2/30$

All: -57.887 ± 0.258 $\chi^2/\text{NDF}: 15404.6/61$

- sign -60.707 ± 0.359 $\chi^2/\text{NDF}: 9089.8/30$

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 6.424 ± 0.587 $\chi^2/\text{NDF}: 363.2/22$

Left Out: -1.300 ± 0.293 $\chi^2/\text{NDF}: 1315.7/24$

Right Out: 8.631 ± 0.573 $\chi^2/\text{NDF}: 311.7/25$

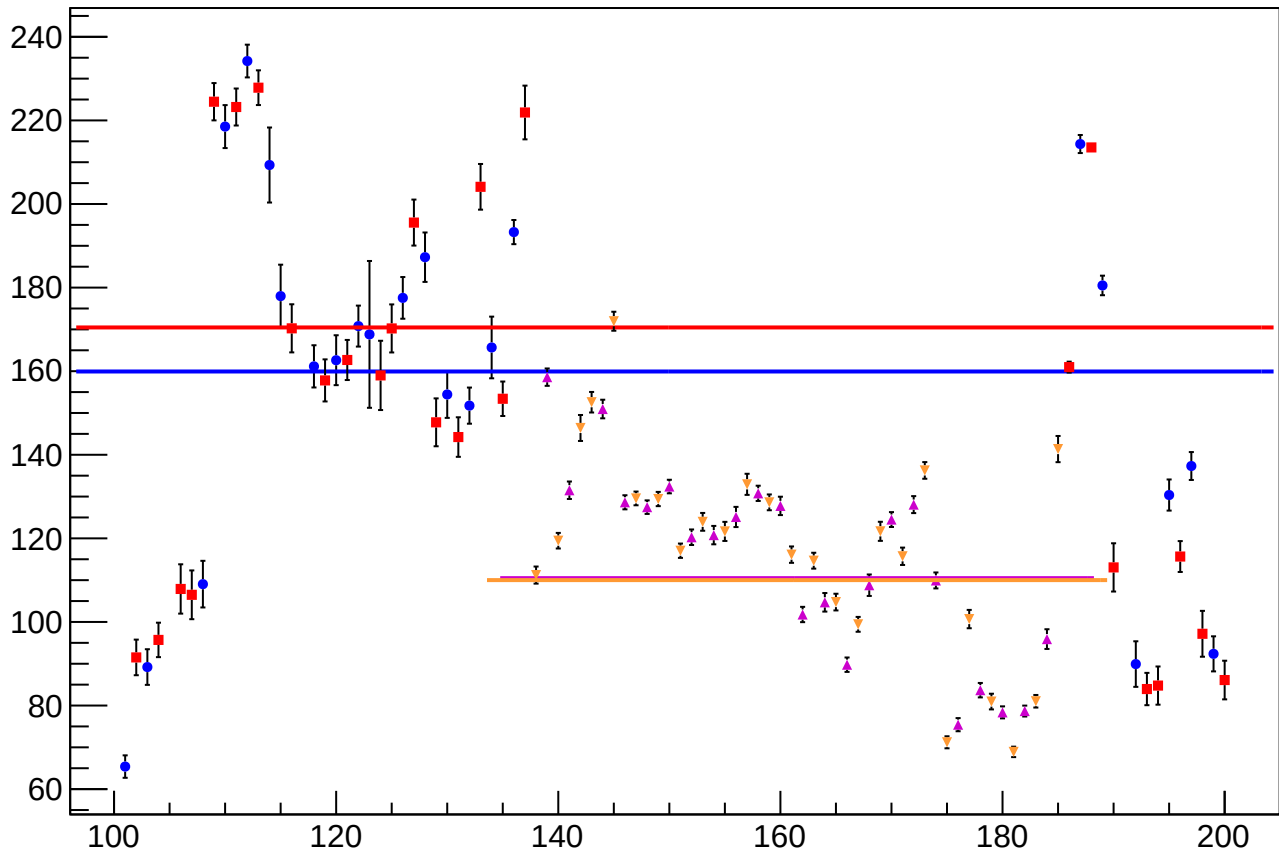
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign 0.236 ± 0.262 $\chi^2/\text{NDF}: 1817.6/47$

All: 0.412 ± 0.186 $\chi^2/\text{NDF}: 3478.7/96$

- sign 0.592 ± 0.265 $\chi^2/\text{NDF}: 1660.2/48$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 159.928 $\pm$ 0.841 χ^2 /NDF: 3545.0/22

Left Out: 110.012 $\pm$ 0.383 χ^2 /NDF: 4537.0/24

Right Out: 170.464 $\pm$ 0.653 χ^2 /NDF: 4694.6/25

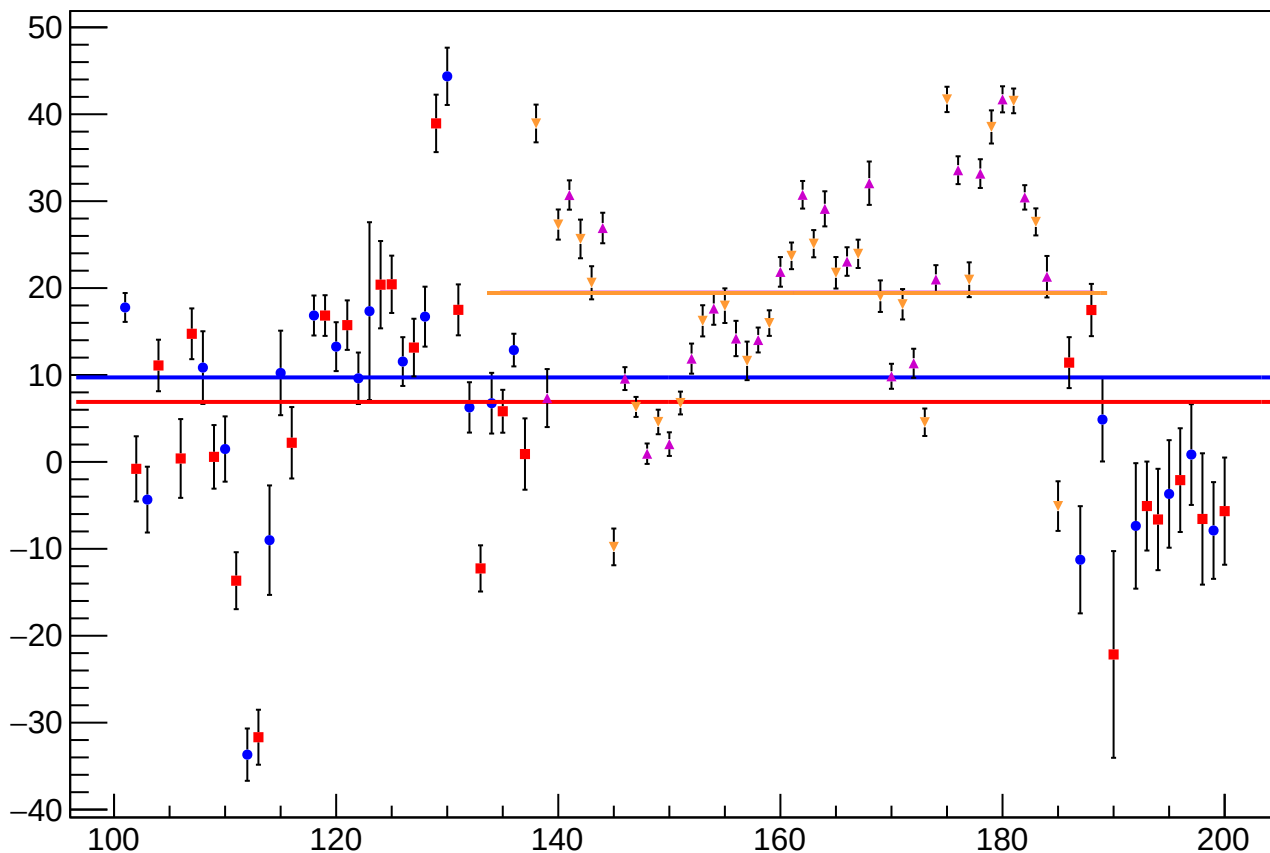
Left In: 110.482 $\pm$ 0.385 χ^2 /NDF: 3824.9/22

+ sign 118.569 $\pm$ 0.348 χ^2 /NDF: 10997.6/47

All: 122.427 $\pm$ 0.240 χ^2 /NDF: 26007.8/96

- sign 125.920 $\pm$ 0.332 χ^2 /NDF: 14776.6/48

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 9.722 ± 0.683 χ^2/NDF : 425.9/22

Left Out: 19.434 ± 0.336 χ^2/NDF : 1452.3/24

Right Out: 6.901 ± 0.681 χ^2/NDF : 465.7/25

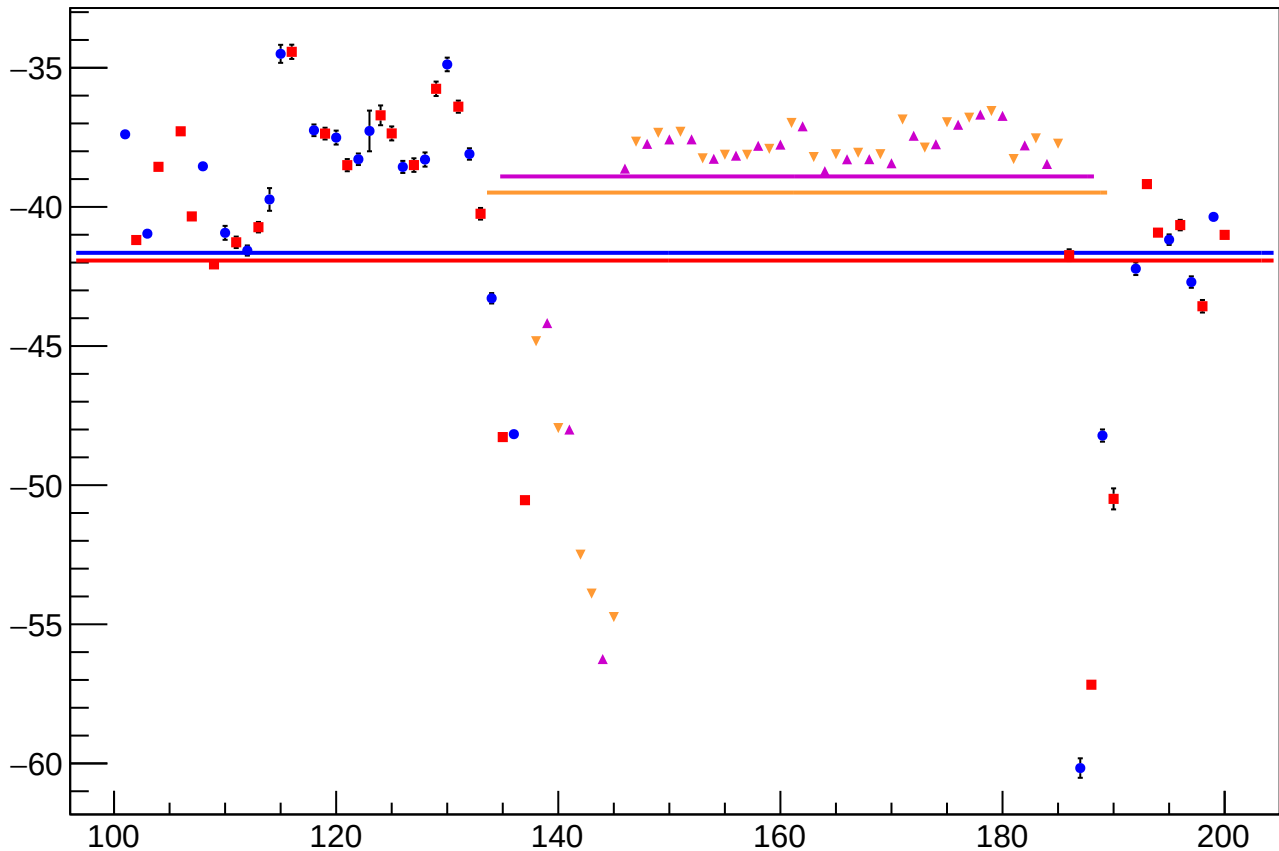
Left In: 19.472 ± 0.342 χ^2/NDF : 1188.2/22

+ sign 17.547 ± 0.301 χ^2/NDF : 2041.0/47

All: 17.252 ± 0.214 χ^2/NDF : 3968.8/96

- sign 16.948 ± 0.305 χ^2/NDF : 1925.8/48

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.650 ± 0.035 $\chi^2/\text{NDF}: 16461.6/22$

Left Out: -39.484 ± 0.016 $\chi^2/\text{NDF}: 88877.3/24$

Right Out: -41.927 ± 0.034 $\chi^2/\text{NDF}: 22425.2/25$

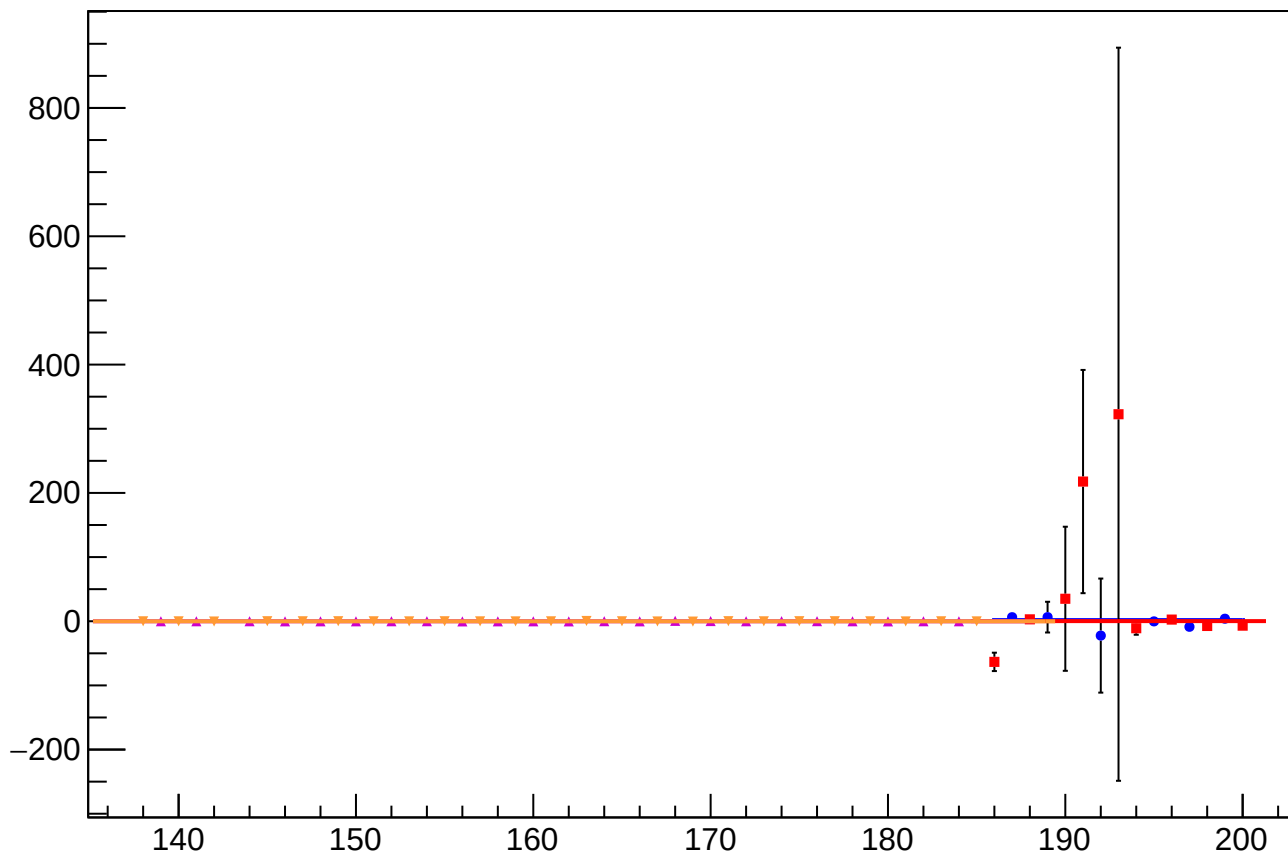
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.849 ± 0.014 $\chi^2/\text{NDF}: 108511.6/47$

All: -39.650 ± 0.010 $\chi^2/\text{NDF}: 192232.7/96$

- sign -39.453 ± 0.014 $\chi^2/\text{NDF}: 83339.9/48$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 1.780+/-2.084 χ^2/NDF : 7.7/5

Left Out: -0.089+/-0.022 χ^2/NDF : 40.0/23

Right Out: 0.202+/-1.650 χ^2/NDF : 28.0/8

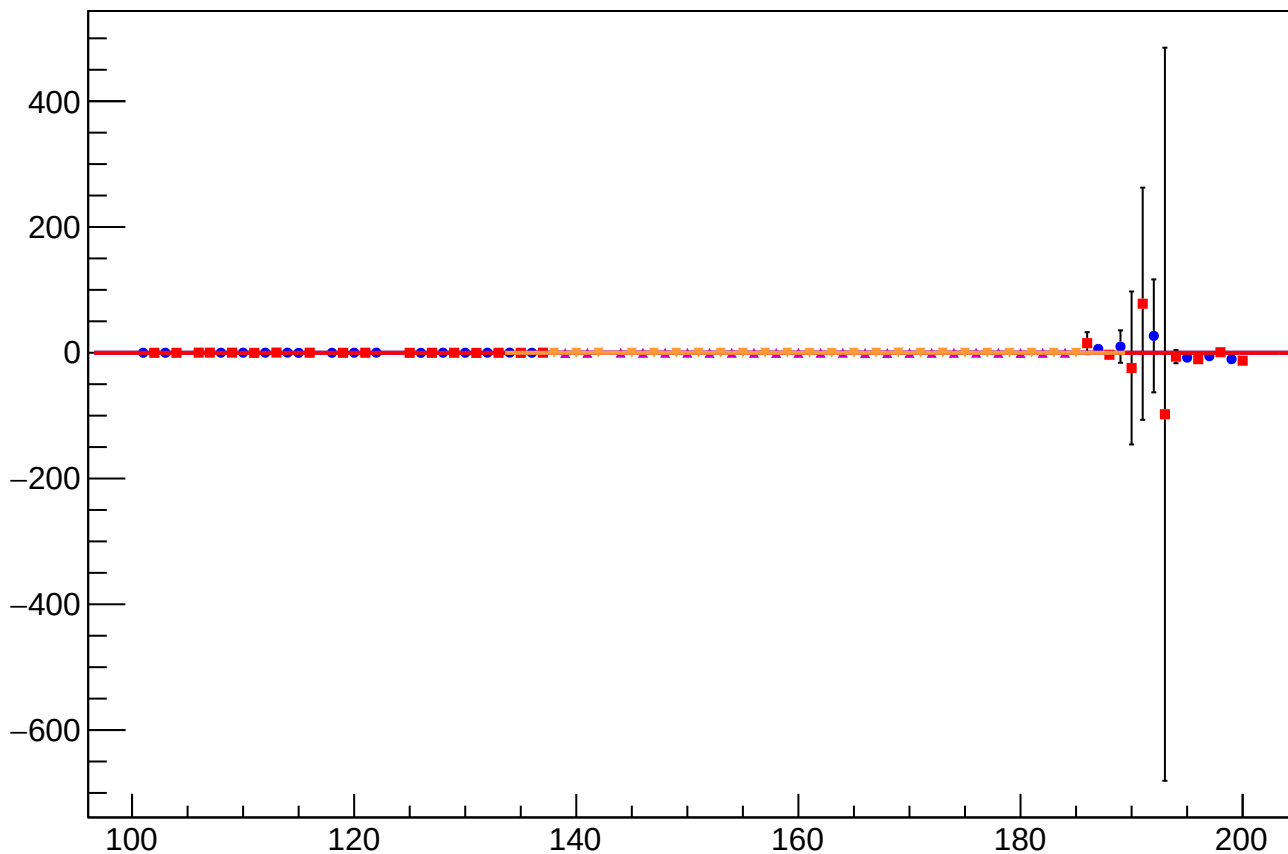
Left In: -0.026+/-0.022 χ^2/NDF : 32.3/22

+ sign -0.089+/-0.022 χ^2/NDF : 48.6/29

All: -0.057+/-0.016 χ^2/NDF : 113.0/61

- sign -0.026+/-0.022 χ^2/NDF : 60.3/31

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.001 ± 0.028 χ^2/NDF : 20.3/21

Left Out: -0.081 ± 0.017 χ^2/NDF : 25.8/23

Right Out: -0.052 ± 0.029 χ^2/NDF : 30.5/25

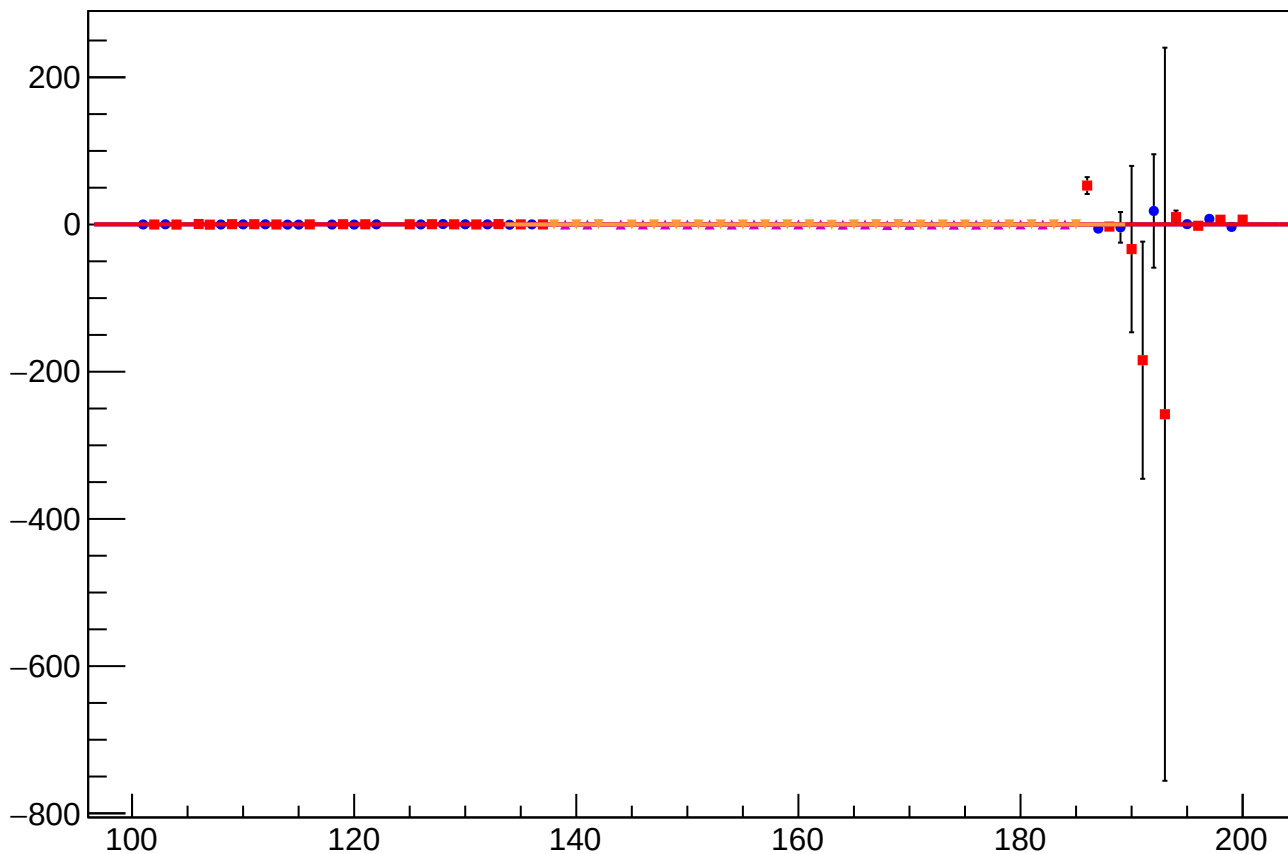
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 52.2/45

All: -0.056 ± 0.011 χ^2/NDF : 115.0/94

- sign -0.054 ± 0.015 χ^2/NDF : 62.7/48

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.169 $\pm$ 0.052 χ^2 /NDF: 23.7/21

Left Out: 0.082 $\pm$ 0.022 χ^2 /NDF: 38.7/23

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 47.8/25

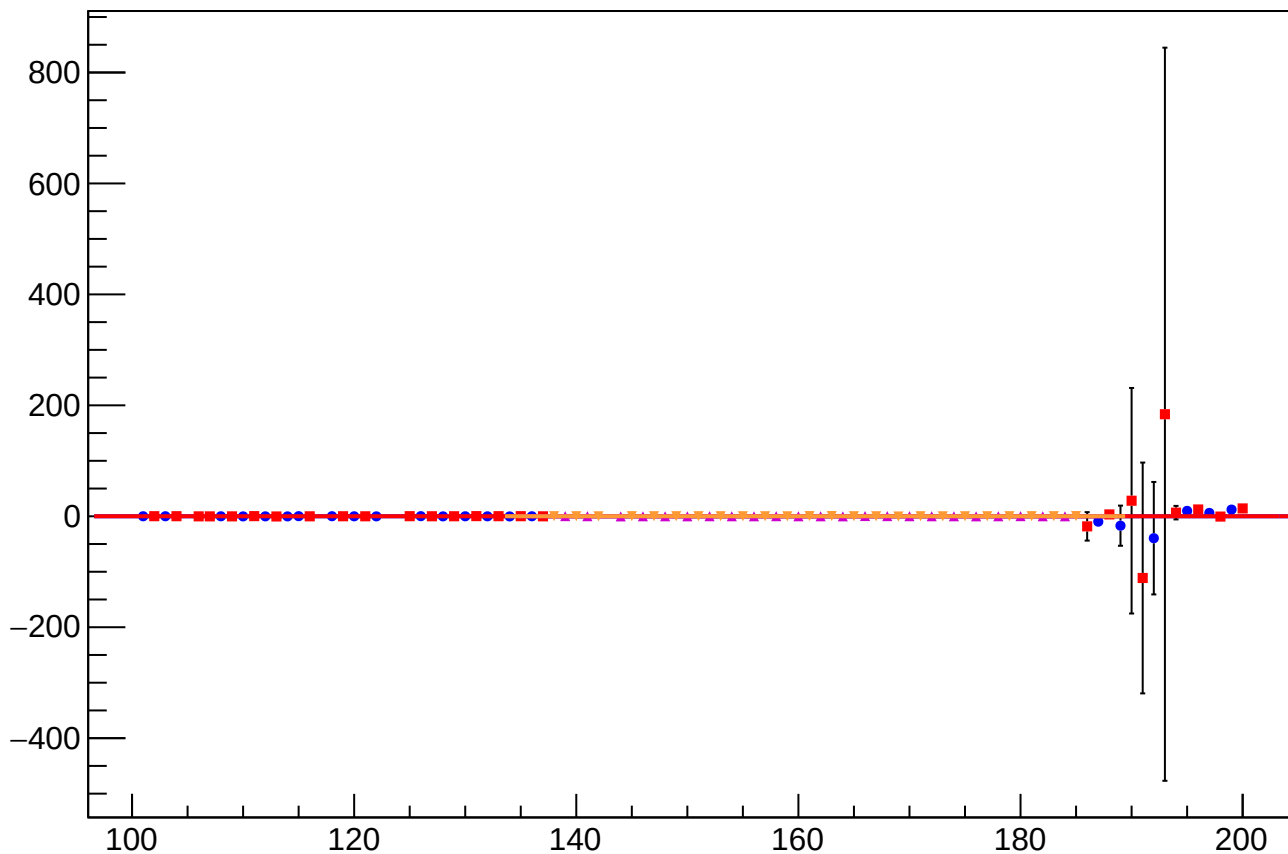
Left In: 0.020 $\pm$ 0.022 χ^2 /NDF: 34.5/22

+ sign 0.095 $\pm$ 0.020 χ^2 /NDF: 64.7/45

All: 0.073 $\pm$ 0.014 χ^2 /NDF: 163.4/94

- sign 0.052 $\pm$ 0.020 χ^2 /NDF: 96.4/48

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 22.1/21

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.059 ± 0.034 χ^2/NDF : 28.9/25

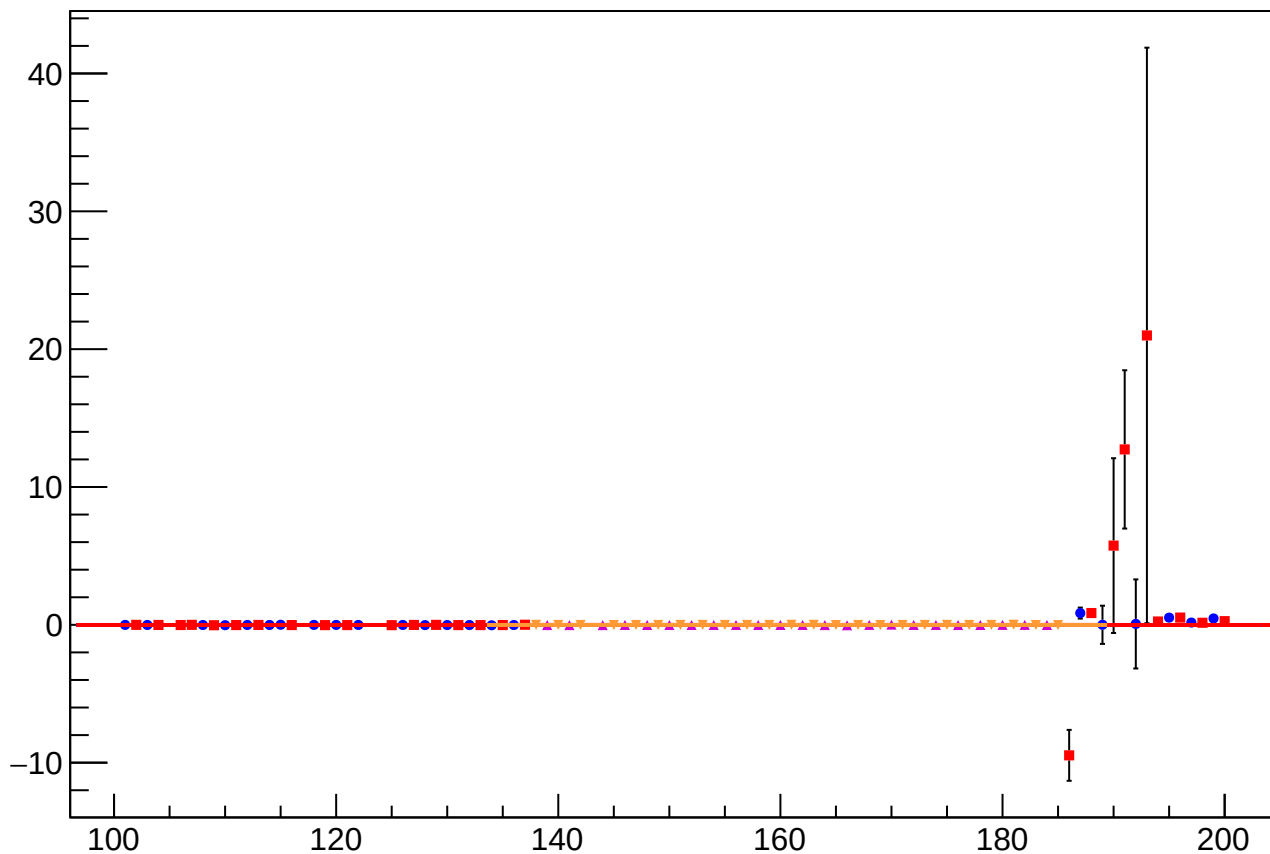
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 60.8/45

All: 0.072 ± 0.012 χ^2/NDF : 121.6/94

- sign 0.069 ± 0.017 χ^2/NDF : 60.7/48

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 31.0/21

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.7/23

Right Out: -0.011 ± 0.002 χ^2/NDF : 79.8/25

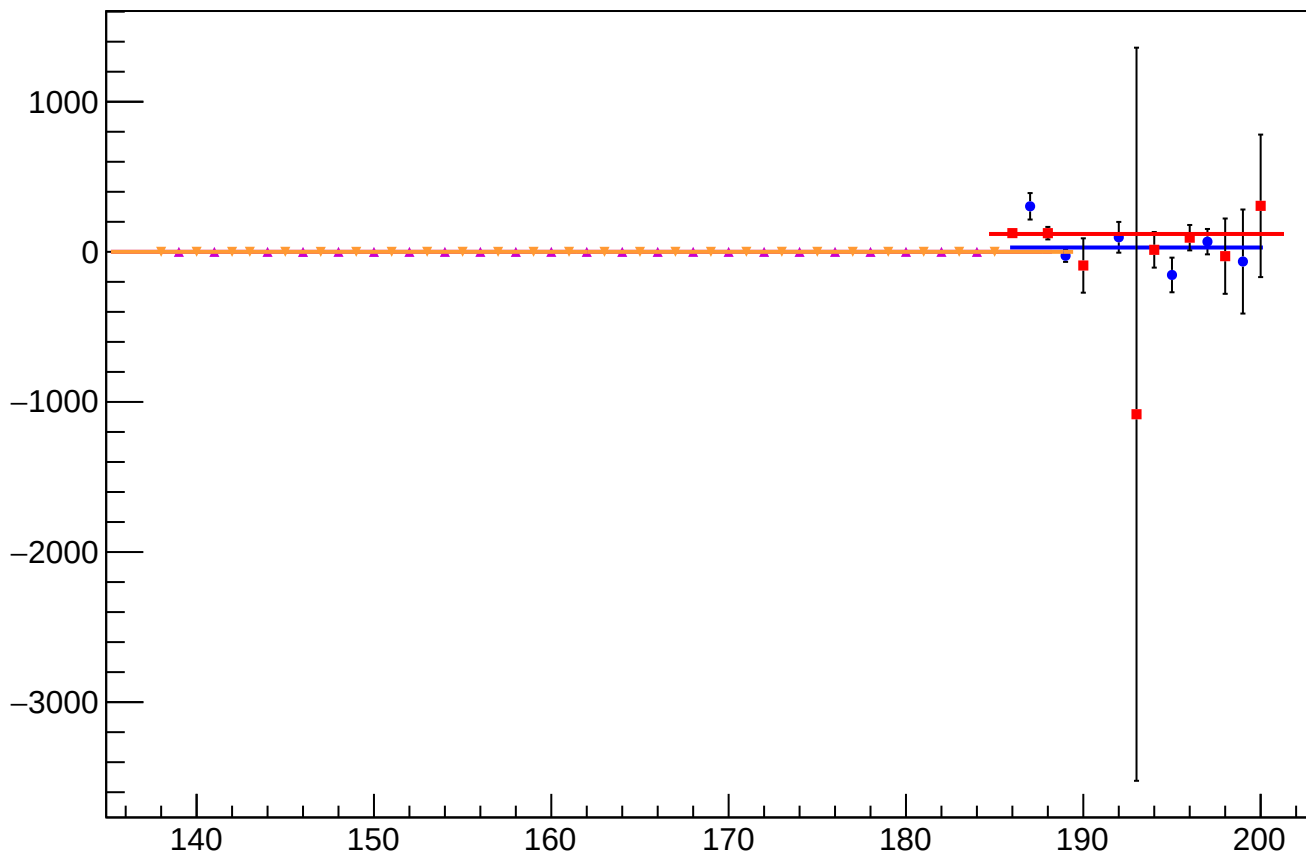
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 65.1/45

All: -0.009 ± 0.001 χ^2/NDF : 188.1/94

- sign -0.009 ± 0.001 χ^2/NDF : 122.8/48

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 28.871 $\pm$ 30.970 χ^2 /NDF: 14.7/5

Left Out: 0.013 $\pm$ 0.027 χ^2 /NDF: 29.2/24

Right Out: 119.046 $\pm$ 16.526 χ^2 /NDF: 3.1/7

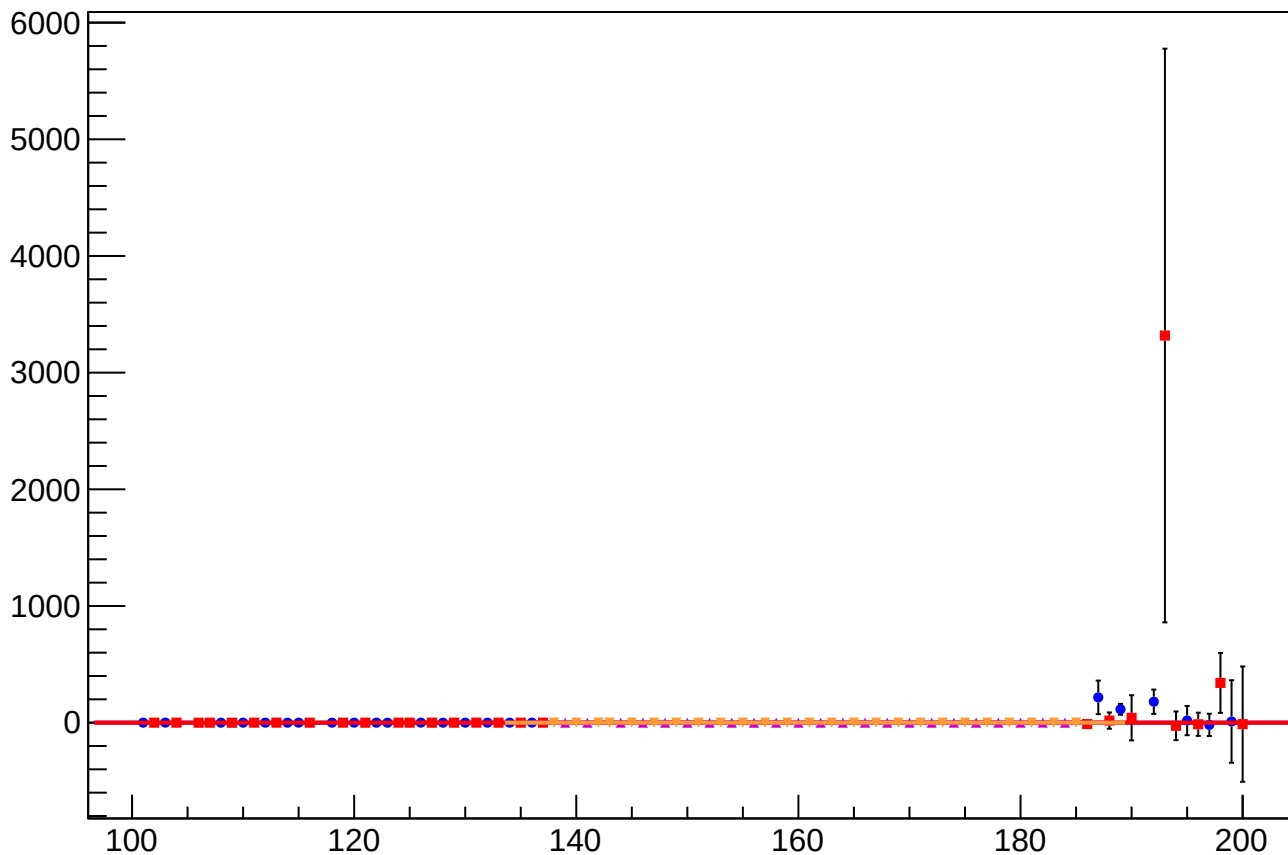
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF: 28.2/22

+ sign 0.013 $\pm$ 0.027 χ^2 /NDF: 44.7/30

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 128.0/61

- sign 0.005 $\pm$ 0.028 χ^2 /NDF: 83.2/30

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 34.6/22

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.128 ± 0.039 χ^2/NDF : 21.4/25

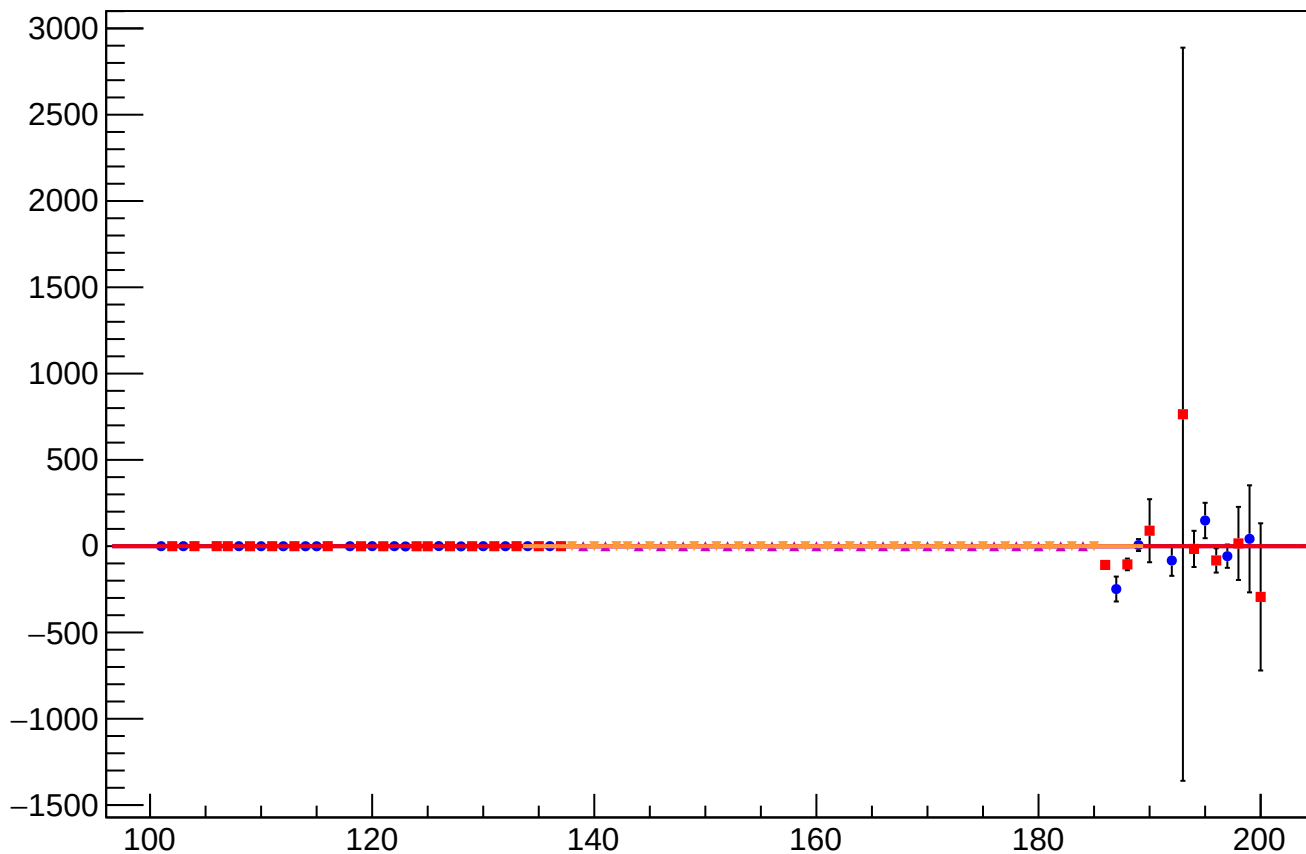
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 60.6/47

All: -0.066 ± 0.013 χ^2/NDF : 134.2/96

- sign -0.085 ± 0.019 χ^2/NDF : 71.8/48

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130 ± 0.067 χ^2/NDF : 39.4/22

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.176 ± 0.071 χ^2/NDF : 70.1/25

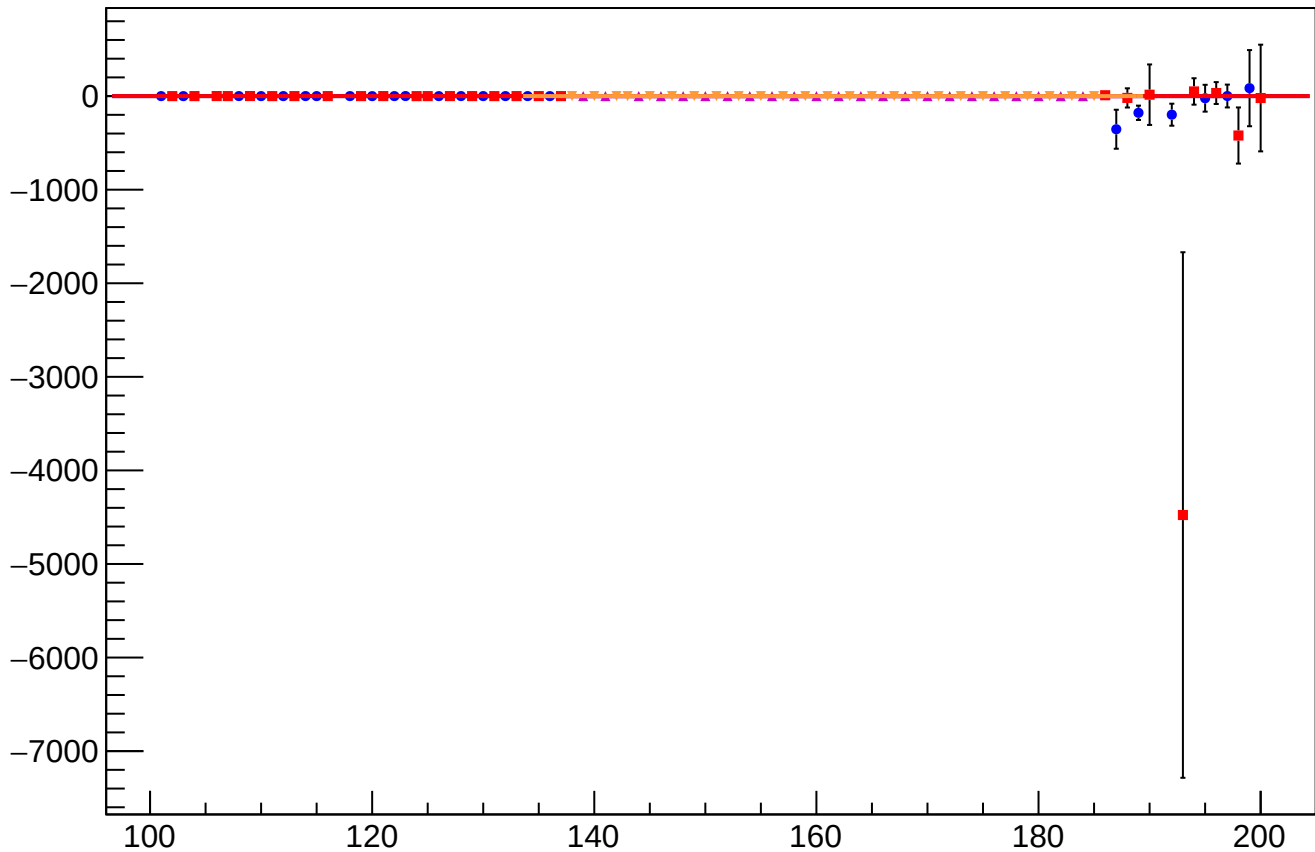
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 68.9/47

All: -0.042 ± 0.018 χ^2/NDF : 170.6/96

- sign -0.053 ± 0.026 χ^2/NDF : 101.3/48

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 33.7/22

Left Out: 0.062 $\pm$ 0.024 χ^2 /NDF: 25.0/24

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 20.6/25

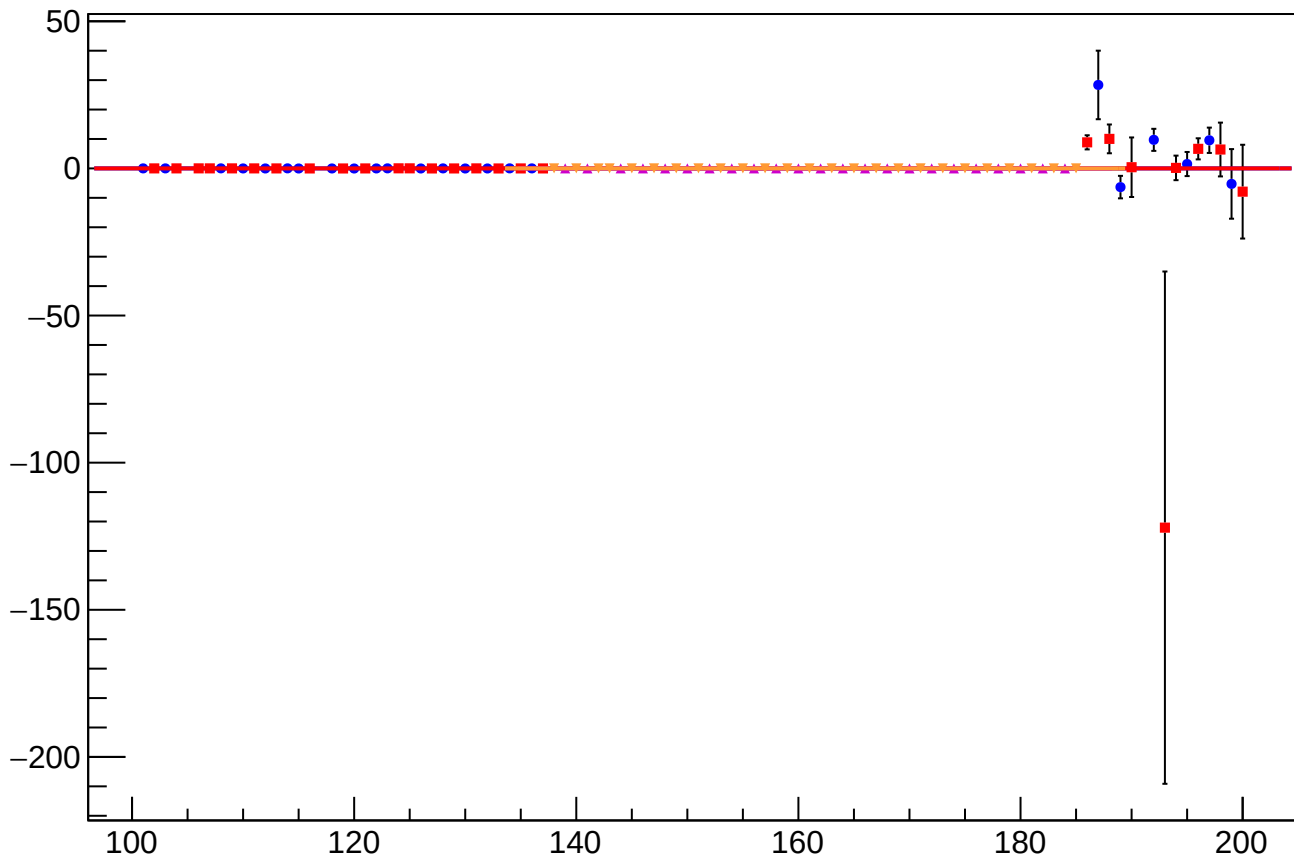
Left In: 0.069 $\pm$ 0.025 χ^2 /NDF: 51.4/22

+ sign 0.052 $\pm$ 0.021 χ^2 /NDF: 59.5/47

All: 0.069 $\pm$ 0.015 χ^2 /NDF: 135.5/96

- sign 0.088 $\pm$ 0.022 χ^2 /NDF: 74.6/48

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 ± 0.002 χ^2/NDF : 53.1/22

Left Out: 0.008 ± 0.001 χ^2/NDF : 25.9/24

Right Out: 0.002 ± 0.002 χ^2/NDF : 44.6/25

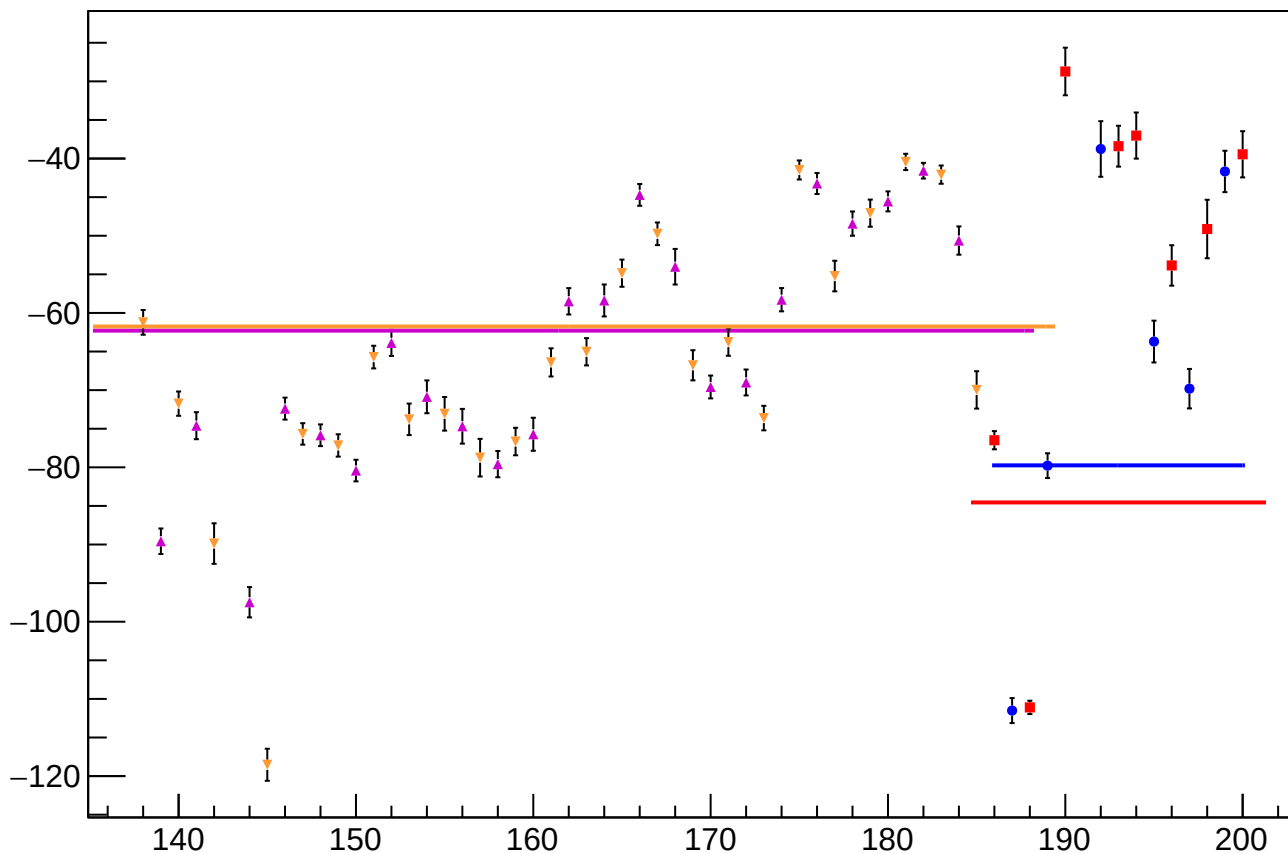
Left In: 0.009 ± 0.001 χ^2/NDF : 15.8/22

+ sign 0.007 ± 0.001 χ^2/NDF : 87.1/47

All: 0.007 ± 0.001 χ^2/NDF : 154.8/96

- sign 0.008 ± 0.001 χ^2/NDF : 67.2/48

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -79.746 ± 0.885 χ^2/NDF : 766.9/5

Left Out: -61.756 ± 0.334 χ^2/NDF : 2509.2/23

Right Out: -84.549 ± 0.603 χ^2/NDF : 2328.0/7

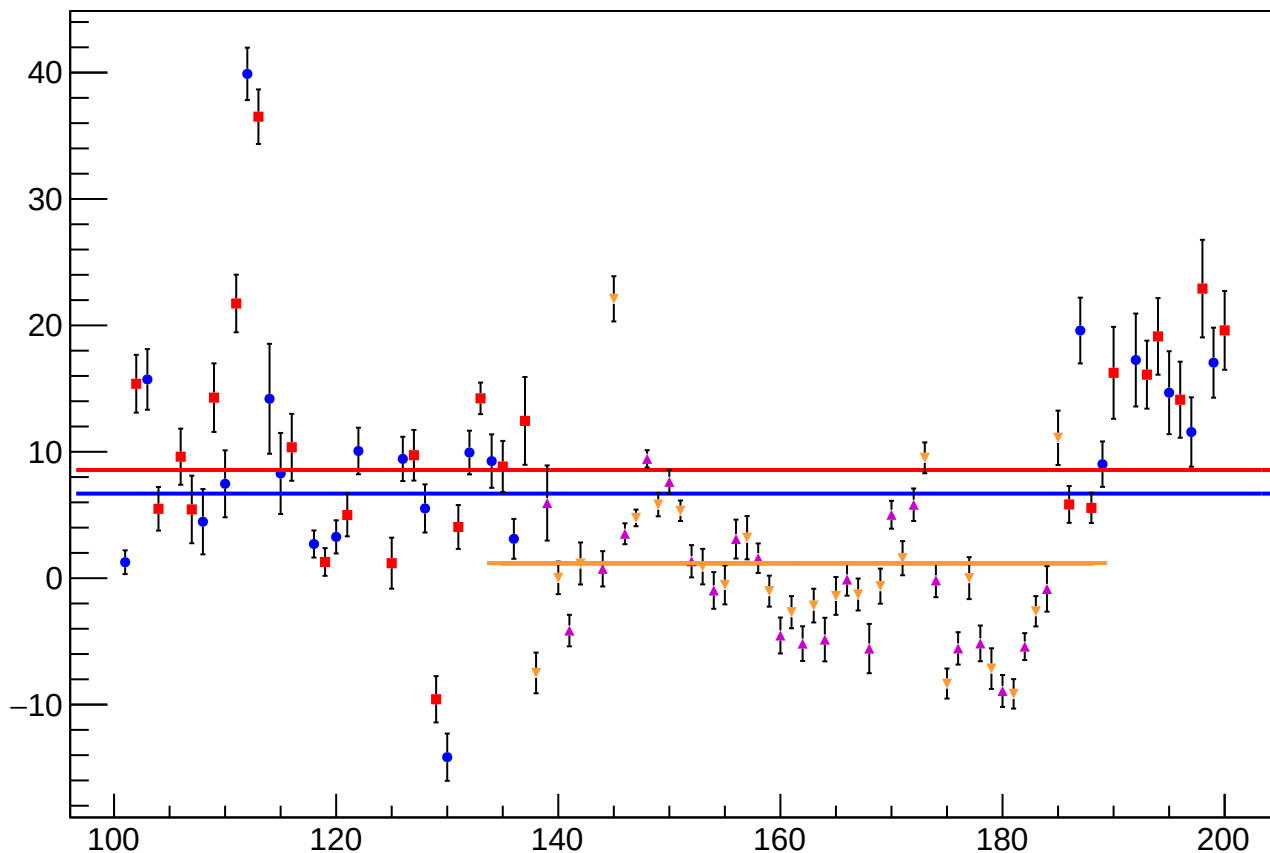
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -63.995 ± 0.312 χ^2/NDF : 3637.6/29

All: -65.845 ± 0.213 χ^2/NDF : 9341.8/60

- sign -67.443 ± 0.290 χ^2/NDF : 5638.9/30

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.692 ± 0.393 $\chi^2/\text{NDF}: 527.2/21$

Left Out: 1.197 ± 0.252 $\chi^2/\text{NDF}: 526.1/23$

Right Out: 8.562 ± 0.389 $\chi^2/\text{NDF}: 472.5/24$

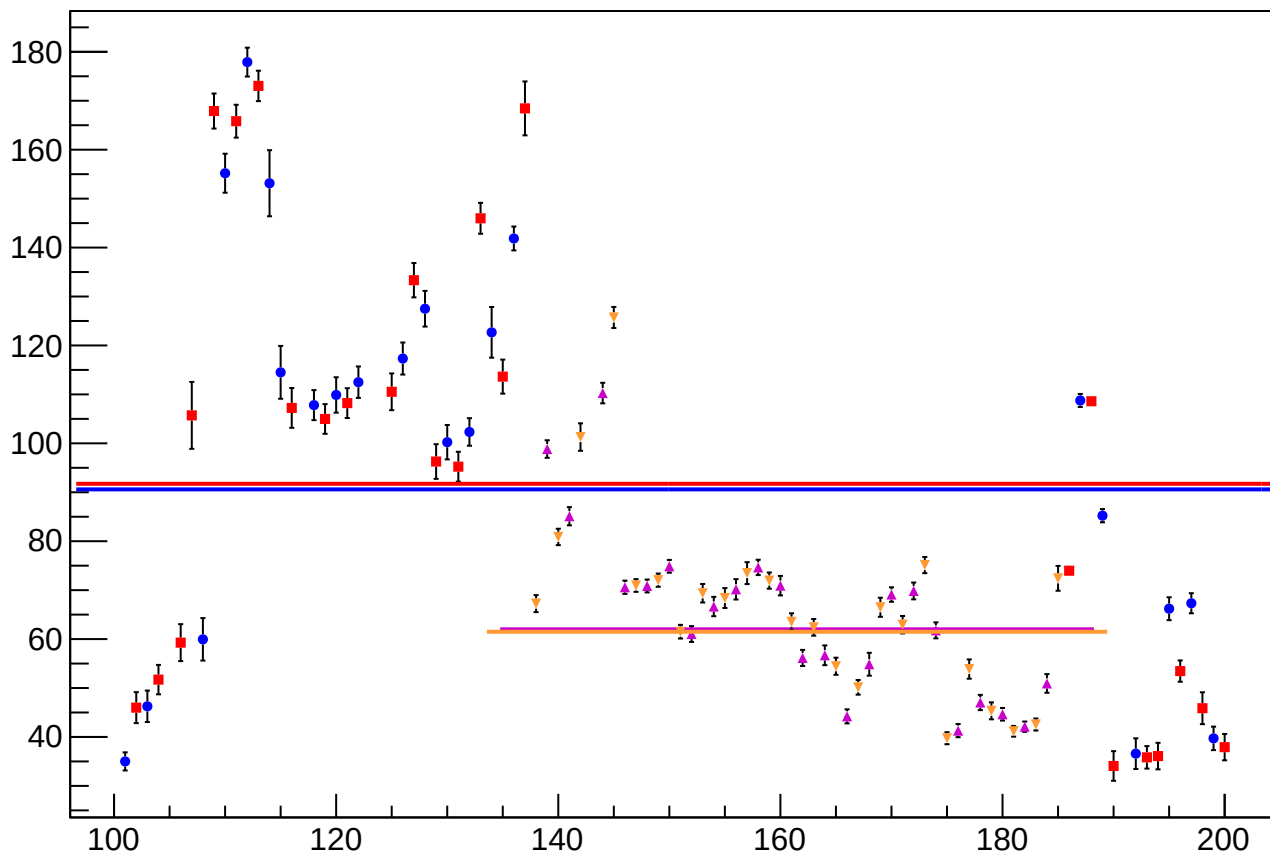
Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

+ sign 2.800 ± 0.212 $\chi^2/\text{NDF}: 1191.4/45$

All: 3.094 ± 0.150 $\chi^2/\text{NDF}: 2386.6/93$

- sign 3.389 ± 0.213 $\chi^2/\text{NDF}: 1191.4/47$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 90.589 $\pm$ 0.547 χ^2 /NDF: 4352.7/21

Left Out: 61.496 $\pm$ 0.332 χ^2 /NDF:2610.2/23

Right Out: 91.729 $\pm$ 0.427 χ^2 /NDF: 6075.9/24

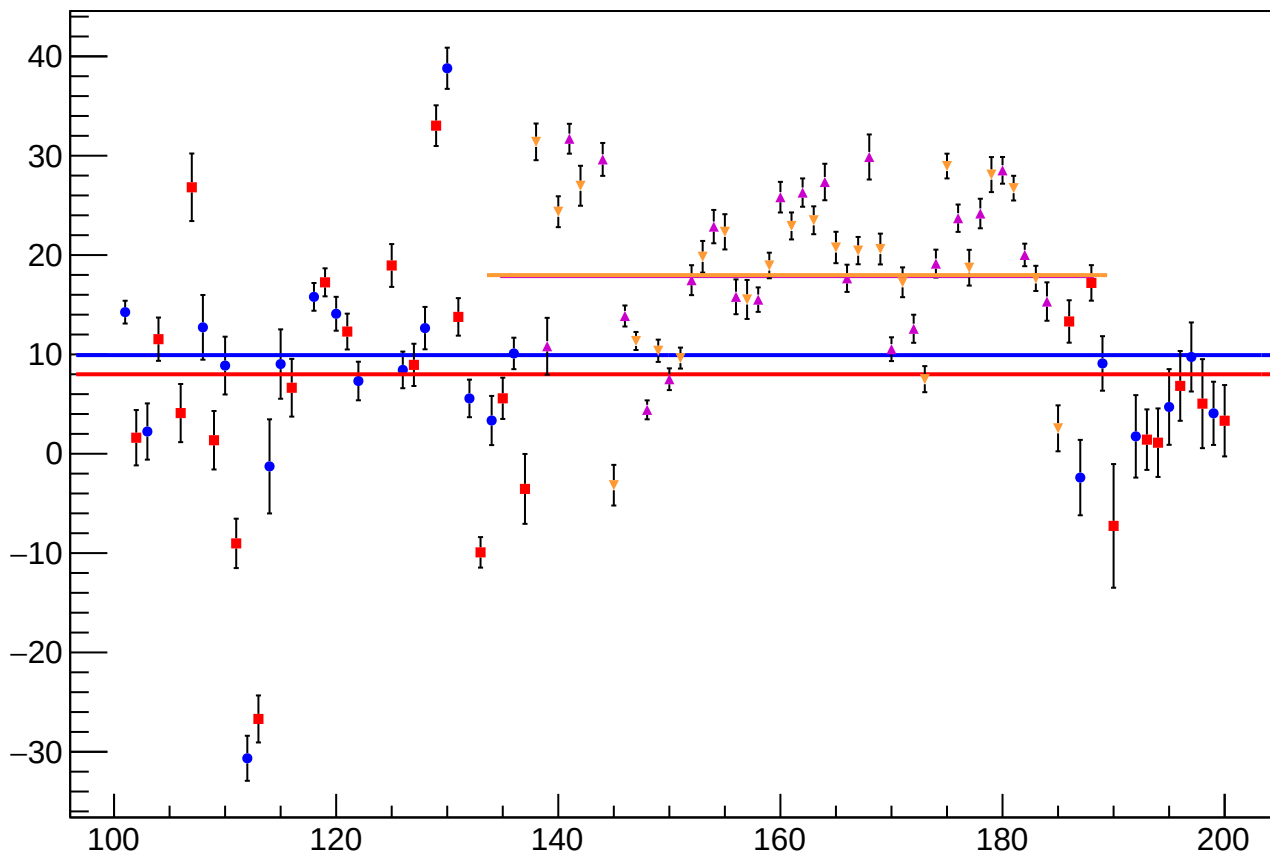
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF:2517.6/22

+ sign 69.340 $\pm$ 0.284 χ^2 /NDF: 9029.8/45

All: 71.365 $\pm$ 0.192 χ^2 /NDF: 20760.3/93

- sign 73.070 $\pm$ 0.261 χ^2 /NDF: 11636.9/47

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 9.928 ± 0.464 χ^2/NDF : 602.7/21

Left Out: 17.979 ± 0.291 χ^2/NDF : 674.8/23

Right Out: 7.999 ± 0.467 χ^2/NDF : 738.9/24

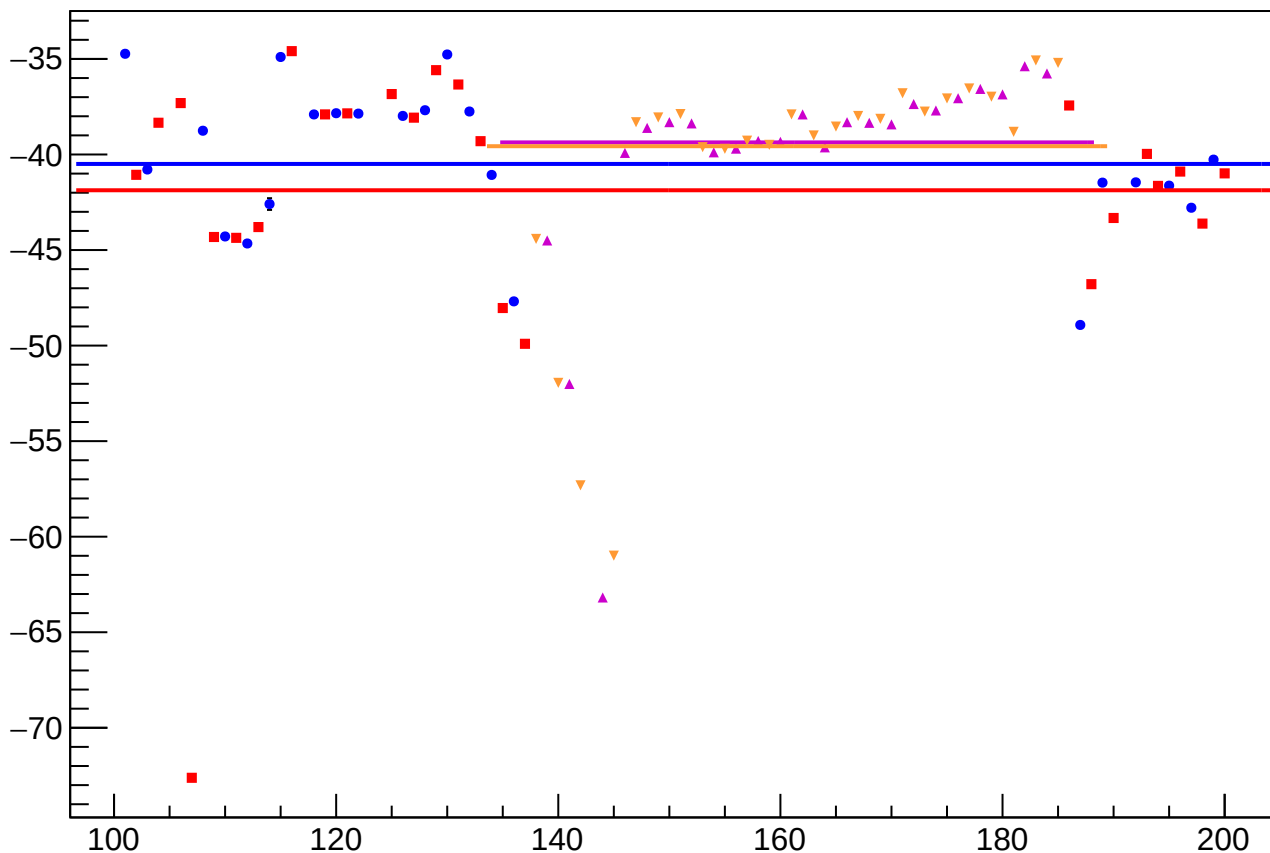
Left In: 17.881 ± 0.292 χ^2/NDF : 730.9/22

+ sign 15.710 ± 0.246 χ^2/NDF : 1493.5/45

All: 15.412 ± 0.175 χ^2/NDF : 3288.1/93

- sign 15.112 ± 0.247 χ^2/NDF : 1791.6/47

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.495 ± 0.024 χ^2/NDF : 27464.2/21

Left Out: -39.567 ± 0.014 χ^2/NDF : 141152.0/23

Right Out: -41.872 ± 0.023 χ^2/NDF : 64678.6/24

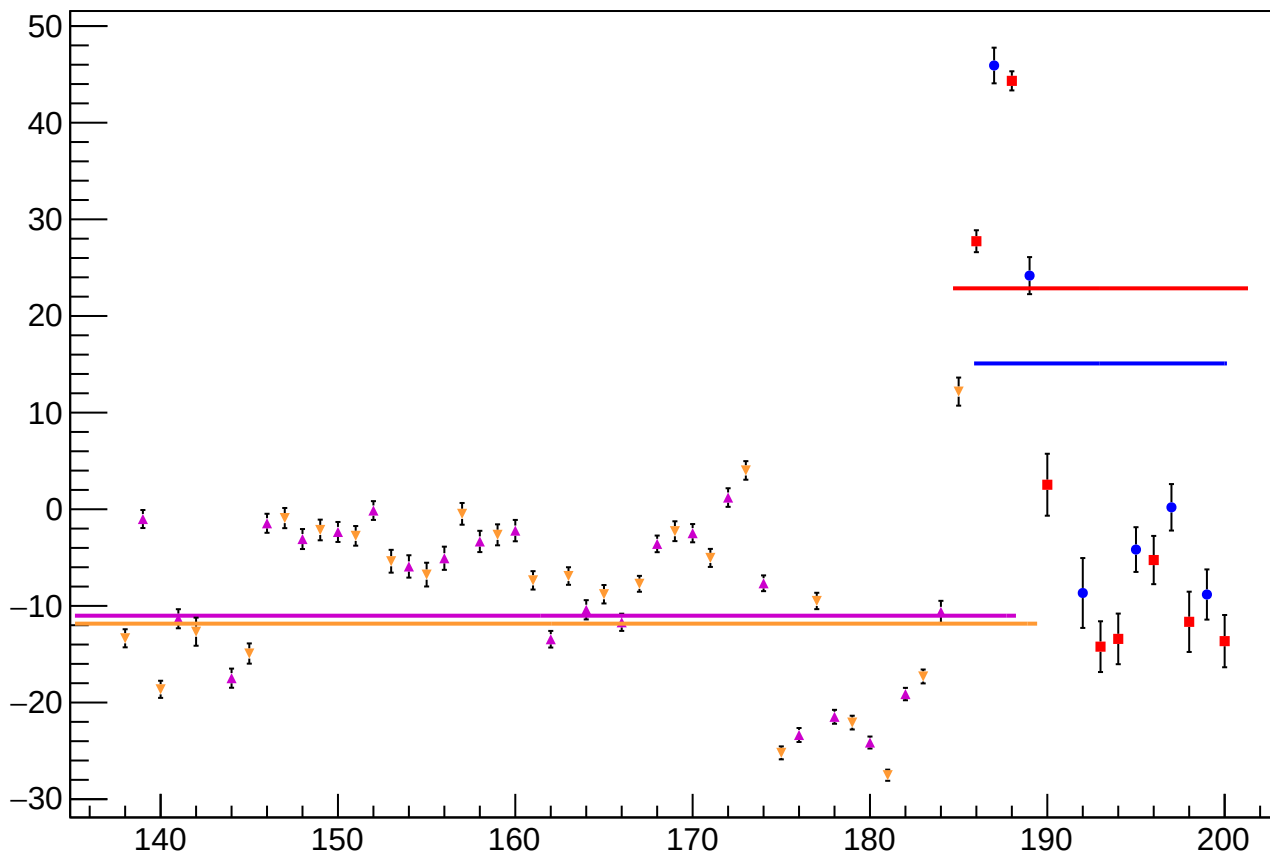
Left In: -39.368 ± 0.014 χ^2/NDF : 117958.1/22

+ sign -39.789 ± 0.012 χ^2/NDF : 169708.3/45

All: -39.896 ± 0.008 χ^2/NDF : 361111.9/93

- sign -39.999 ± 0.012 χ^2/NDF : 191246.9/47

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 15.088 $\pm$ 0.932 χ^2/NDF : 537.2/5

Left Out: -11.837 $\pm$ 0.187 χ^2/NDF : 2742.4/23

Right Out: 22.860 $\pm$ 0.622 χ^2/NDF : 1351.5/7

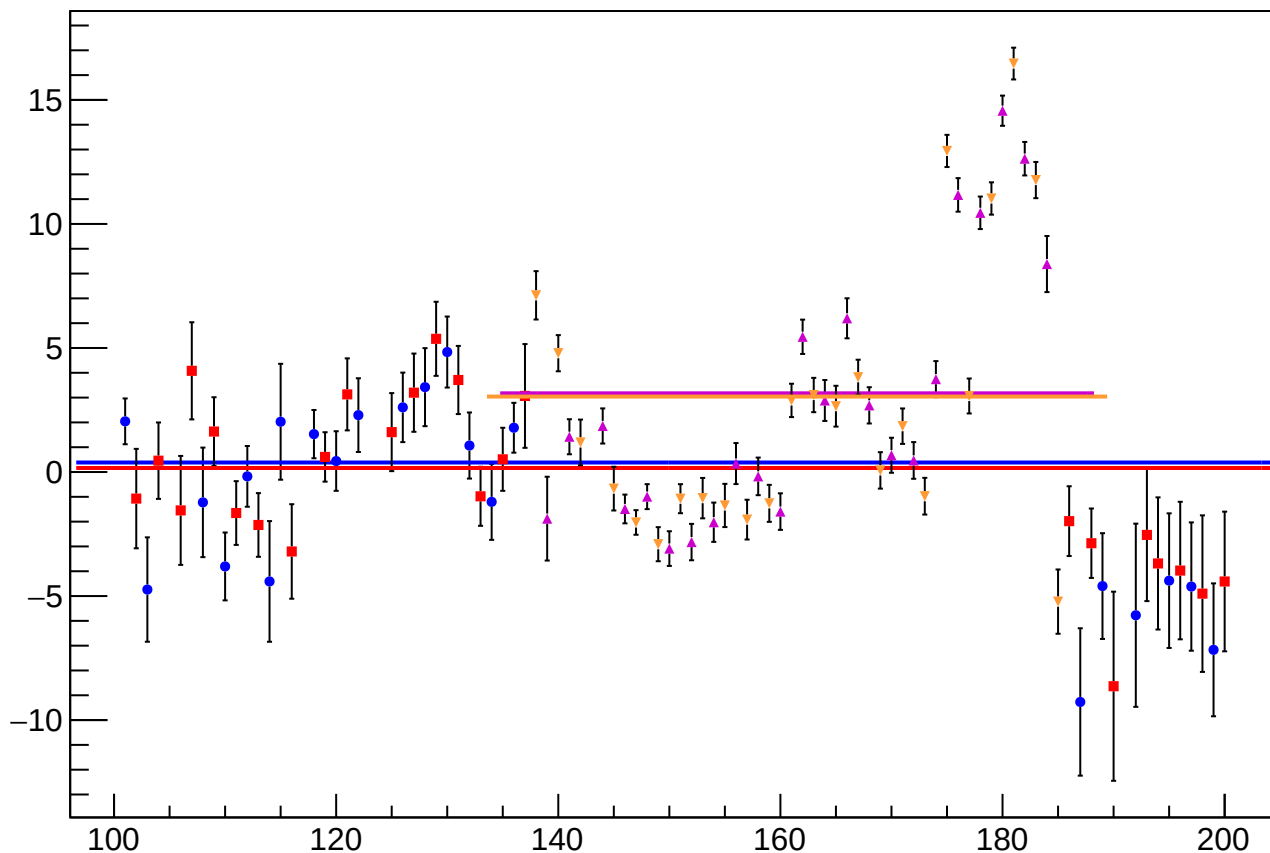
Left In: -11.014 $\pm$ 0.187 χ^2/NDF : 2116.6/22

+ sign -10.798 $\pm$ 0.183 χ^2/NDF : 4081.2/29

All: -9.472 $\pm$ 0.128 χ^2/NDF : 10371.8/60

- sign -8.202 $\pm$ 0.179 χ^2/NDF : 6187.8/30

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.384 ± 0.323 χ^2/NDF : 79.5/21

Left Out: 3.042 ± 0.148 χ^2/NDF : 1452.6/23

Right Out: 0.162 ± 0.321 χ^2/NDF : 68.0/24

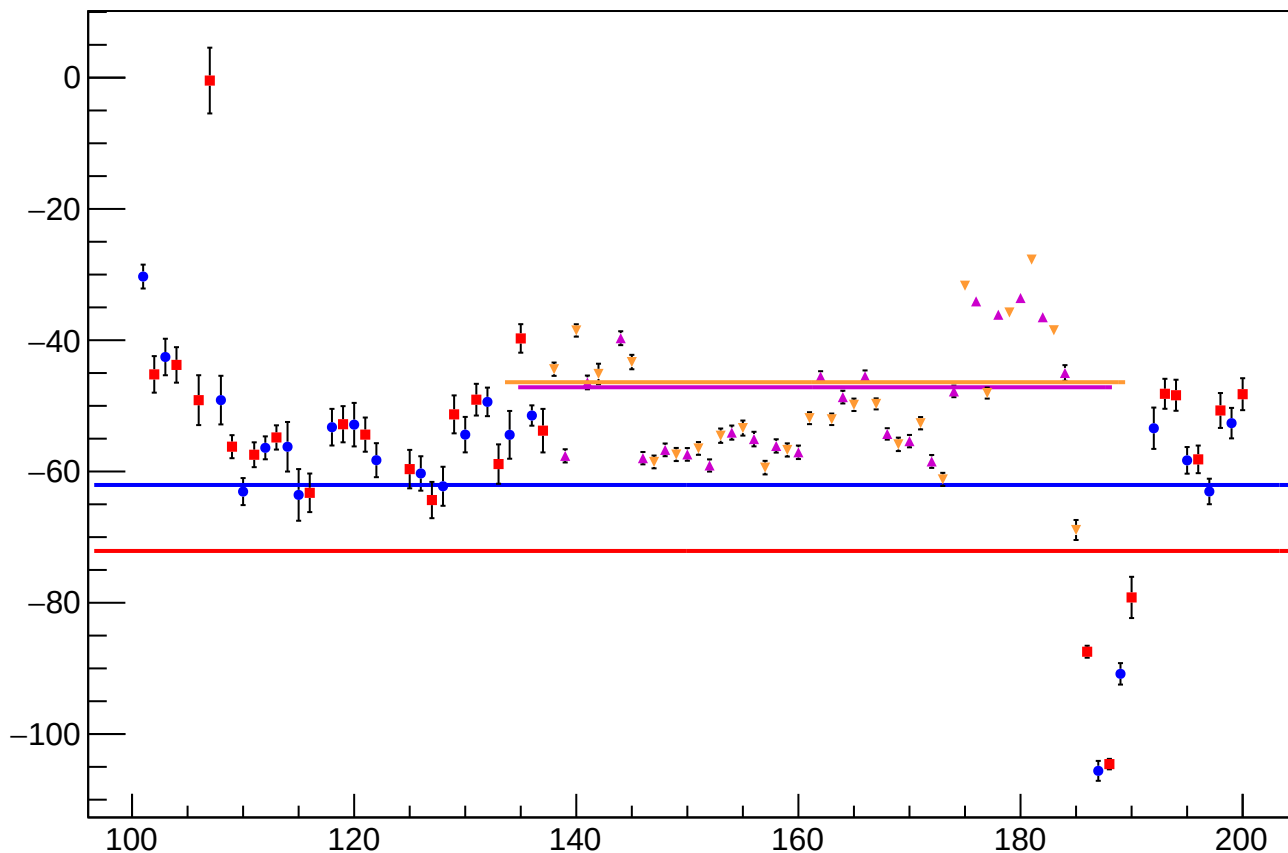
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.582 ± 0.134 χ^2/NDF : 1588.0/45

All: 2.609 ± 0.095 χ^2/NDF : 3026.2/93

- sign 2.636 ± 0.136 χ^2/NDF : 1438.1/47

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -62.054 ± 0.484 χ^2/NDF : 1655.3/21

Left Out: -46.398 ± 0.187 χ^2/NDF : 3289.4/23

Right Out: -72.106 ± 0.395 χ^2/NDF : 3580.8/24

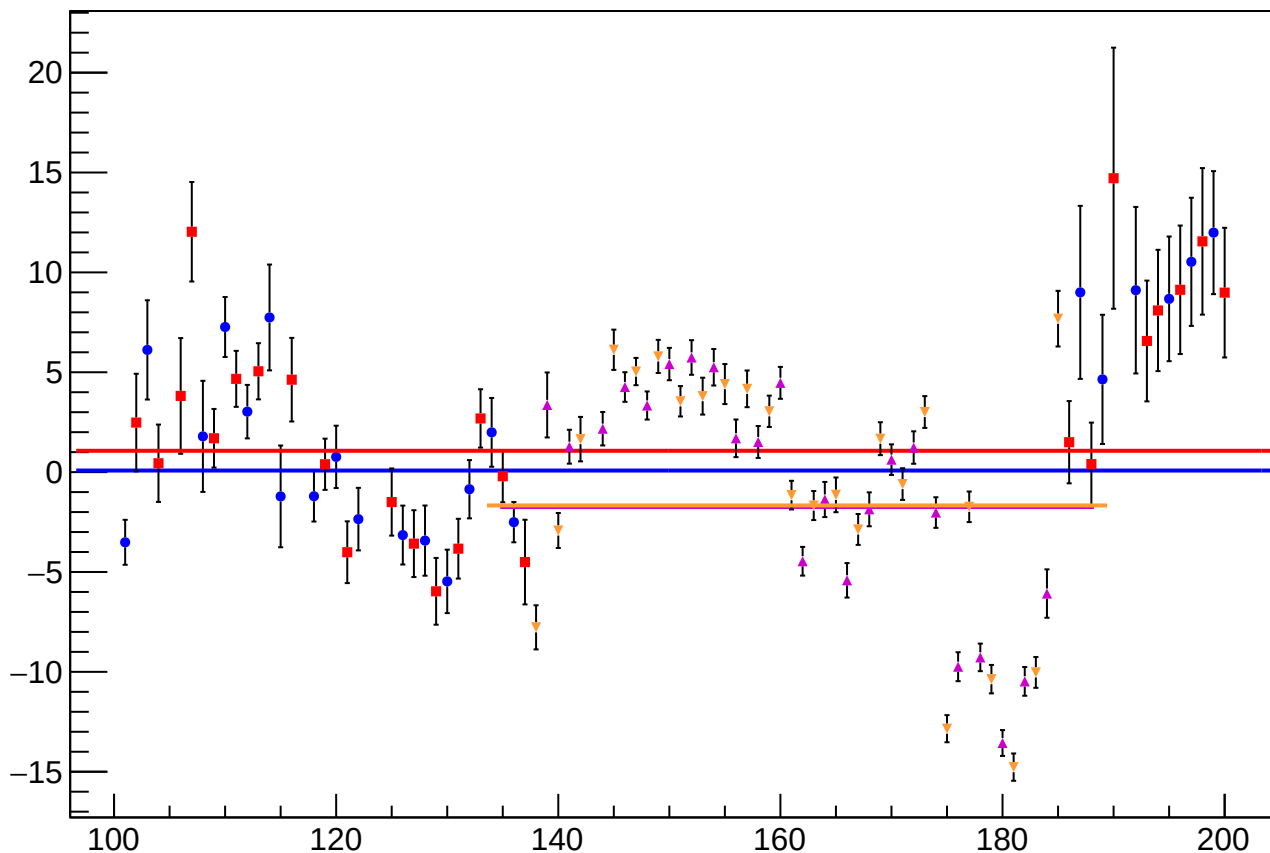
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ sign -48.425 ± 0.174 χ^2/NDF : 5856.7/45

All: -50.120 ± 0.121 χ^2/NDF : 15404.1/93

- sign -51.711 ± 0.169 χ^2/NDF : 9363.6/47

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 0.079 ± 0.370 χ^2/NDF : 129.8/21

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 1.069 ± 0.372 χ^2/NDF : 130.6/24

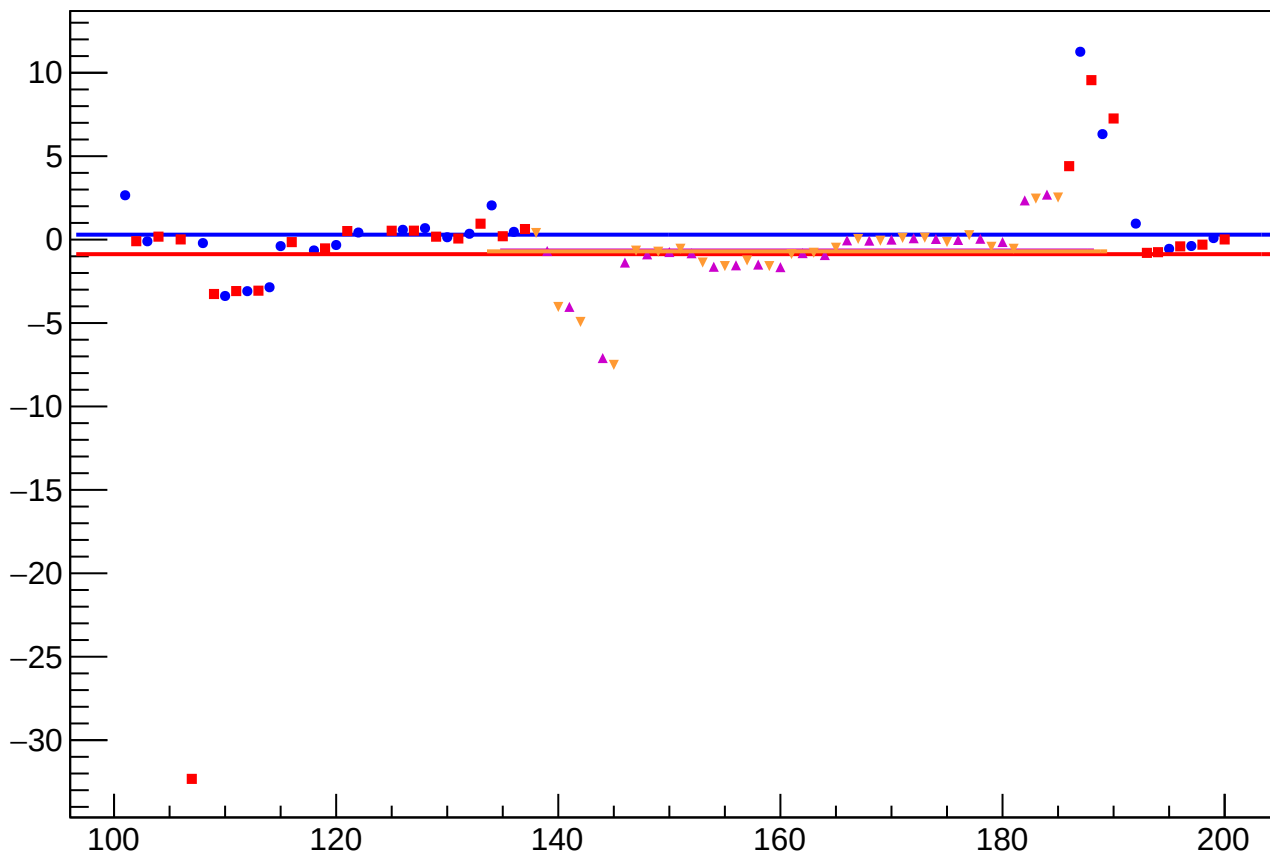
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.373 ± 0.152 χ^2/NDF : 1627.6/45

All: -1.321 ± 0.108 χ^2/NDF : 3060.0/93

- sign -1.268 ± 0.153 χ^2/NDF : 1432.2/47

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.296 ± 0.020 χ^2/NDF : 9437.0/21

Left Out: -0.703 ± 0.008 χ^2/NDF : 53770.3/23

Right Out: -0.872 ± 0.019 χ^2/NDF : 92232.9/24

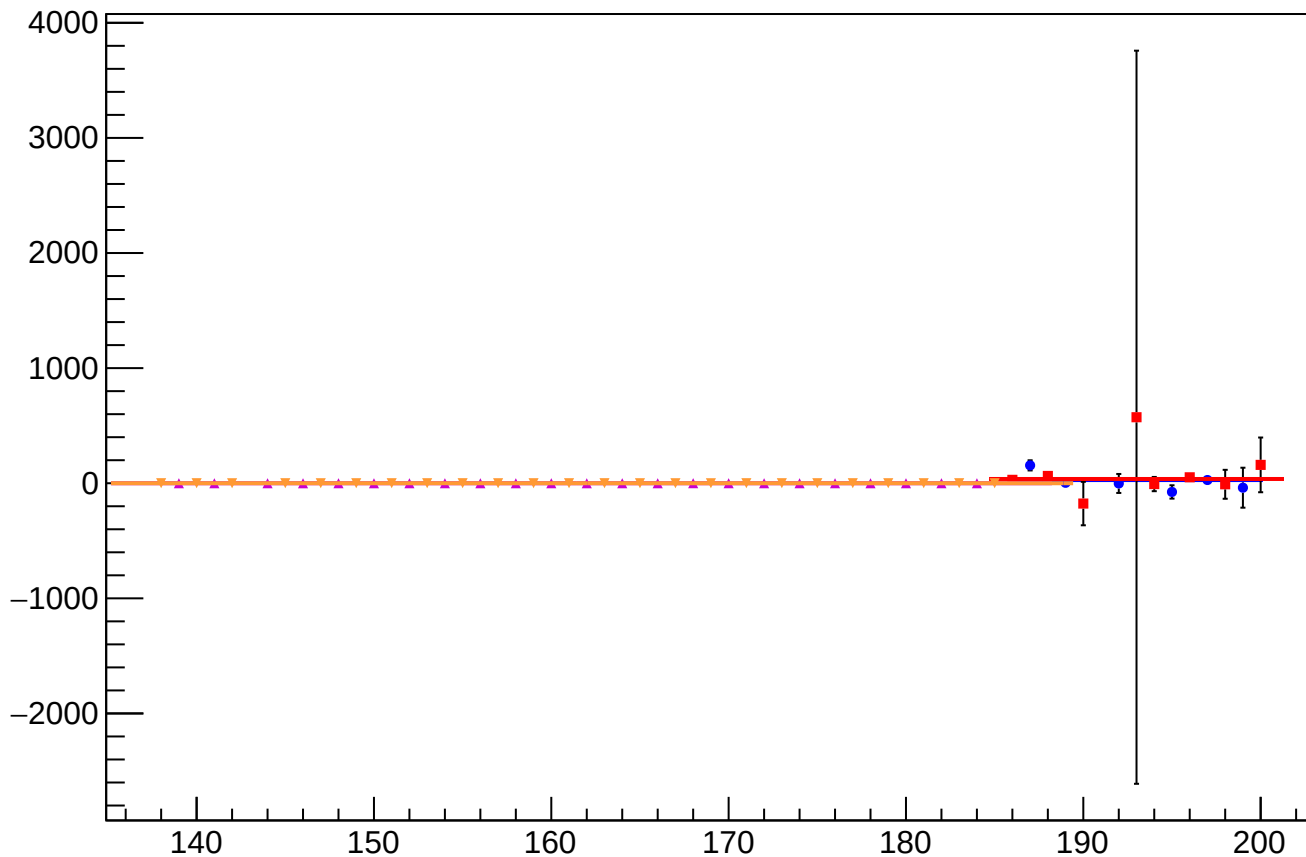
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.570 ± 0.007 χ^2/NDF : 65474.9/45

All: -0.626 ± 0.005 χ^2/NDF : 202117.7/93

- sign -0.682 ± 0.007 χ^2/NDF : 136517.3/47

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 27.601+/-19.136 χ^2/NDF : 12.5/5

Left Out: -0.038+/-0.018 χ^2/NDF : 35.6/23

Right Out: 36.943+/-9.970 χ^2/NDF : 4.3/7

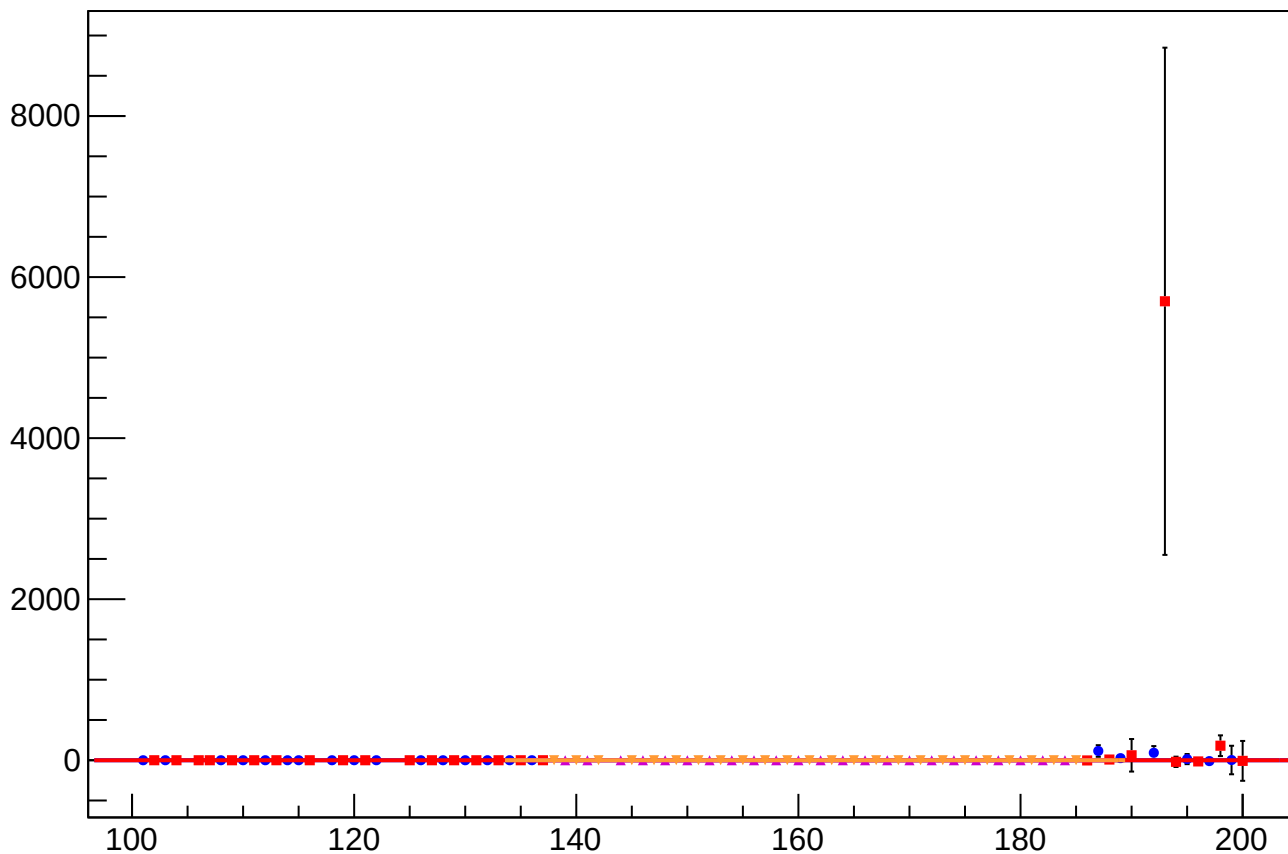
Left In: -0.009+/-0.018 χ^2/NDF : 35.3/22

+ sign -0.038+/-0.018 χ^2/NDF : 50.1/29

All: -0.024+/-0.013 χ^2/NDF : 104.8/60

- sign -0.009+/-0.018 χ^2/NDF : 53.3/30

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 16.7/21

Left Out: -0.073 ± 0.014 χ^2/NDF : 27.8/23

Right Out: -0.092 ± 0.025 χ^2/NDF : 14.8/24

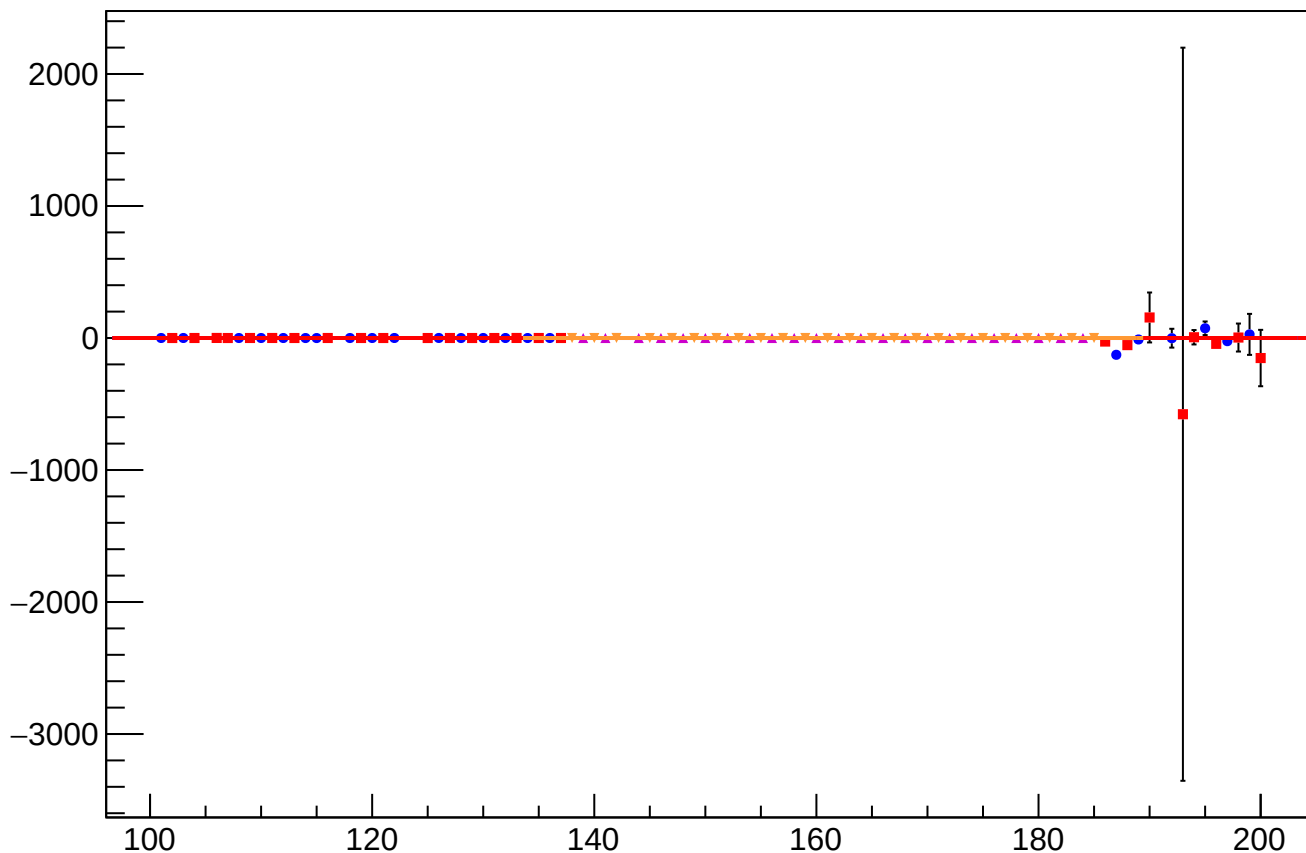
Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

+ sign -0.057 ± 0.012 χ^2/NDF : 49.4/45

All: -0.064 ± 0.009 χ^2/NDF : 106.3/93

- sign -0.072 ± 0.012 χ^2/NDF : 56.1/47

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF : 24.8/21

Left Out: 0.036+/-0.018 χ^2/NDF : 32.4/23

Right Out: 0.028+/-0.045 χ^2/NDF : 28.8/24

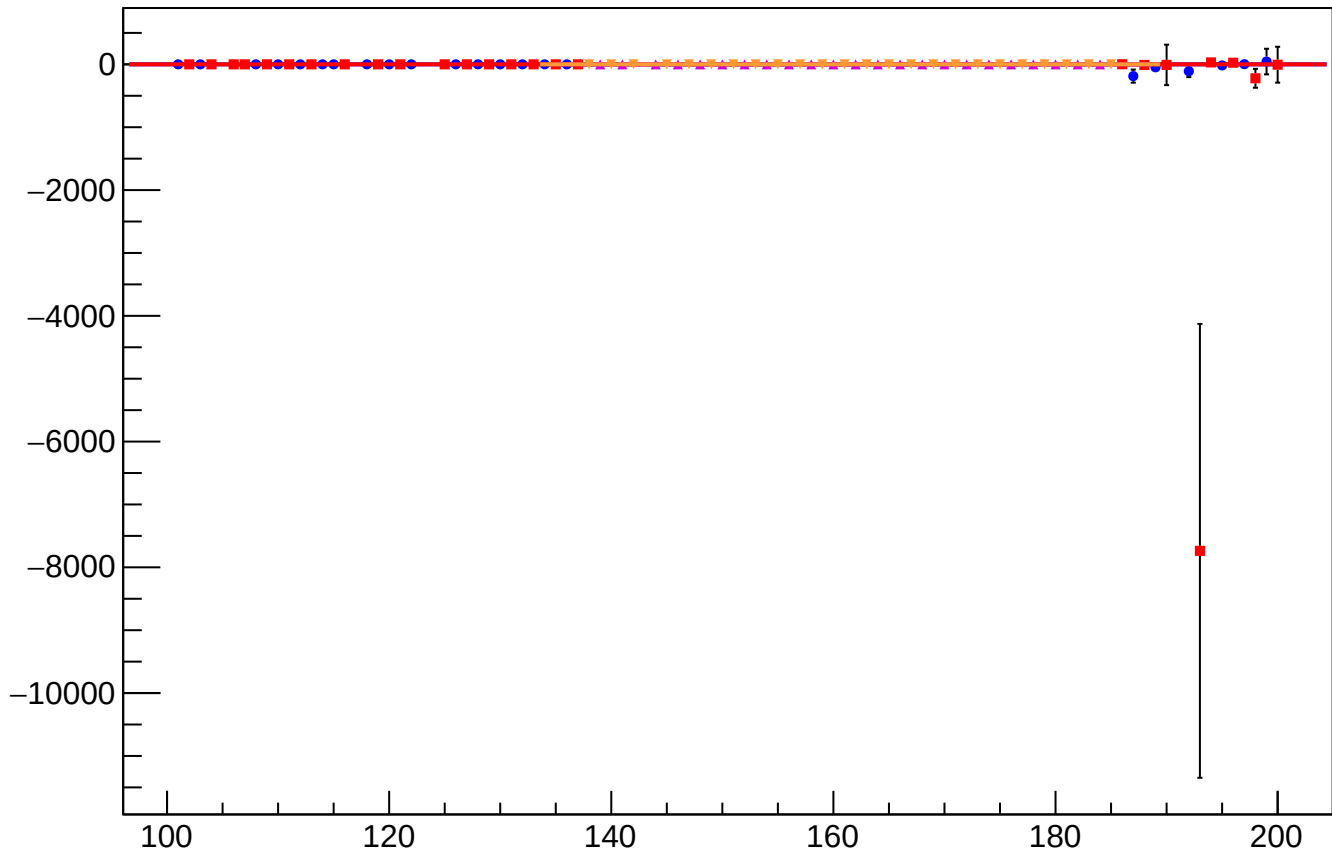
Left In: -0.010+/-0.018 χ^2/NDF : 37.1/22

+ sign 0.033+/-0.017 χ^2/NDF : 57.4/45

All: 0.014+/-0.012 χ^2/NDF : 126.5/93

- sign -0.005+/-0.017 χ^2/NDF : 66.5/47

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 17.5/21

Left Out: 0.086 ± 0.016 χ^2/NDF : 27.8/23

Right Out: 0.110 ± 0.029 χ^2/NDF : 15.1/24

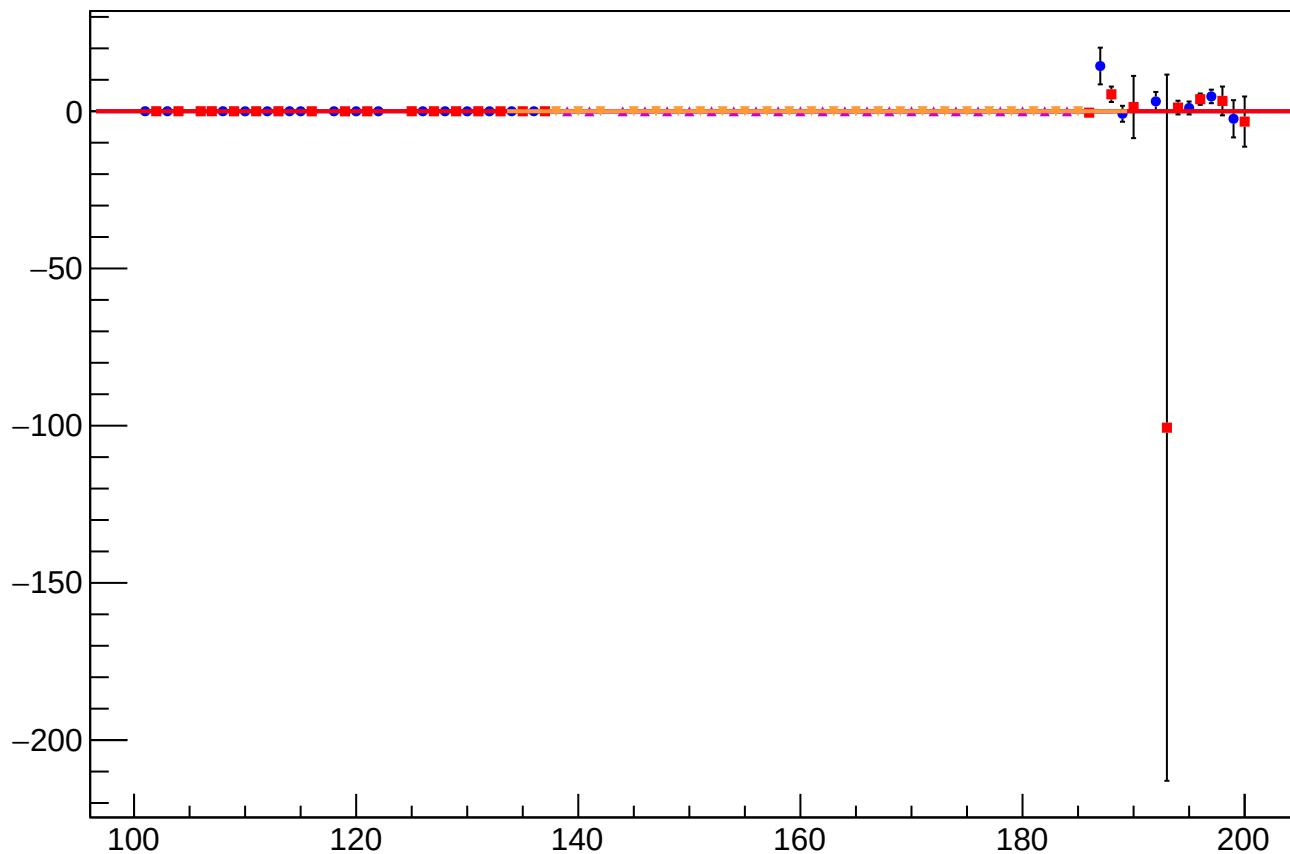
Left In: 0.071 ± 0.016 χ^2/NDF : 44.0/22

+ sign 0.065 ± 0.014 χ^2/NDF : 51.7/45

All: 0.073 ± 0.010 χ^2/NDF : 112.7/93

- sign 0.081 ± 0.014 χ^2/NDF : 60.4/47

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 35.1/21

Left Out: 0.000 ± 0.001 χ^2/NDF : 23.9/23

Right Out: -0.004 ± 0.001 χ^2/NDF : 34.9/24

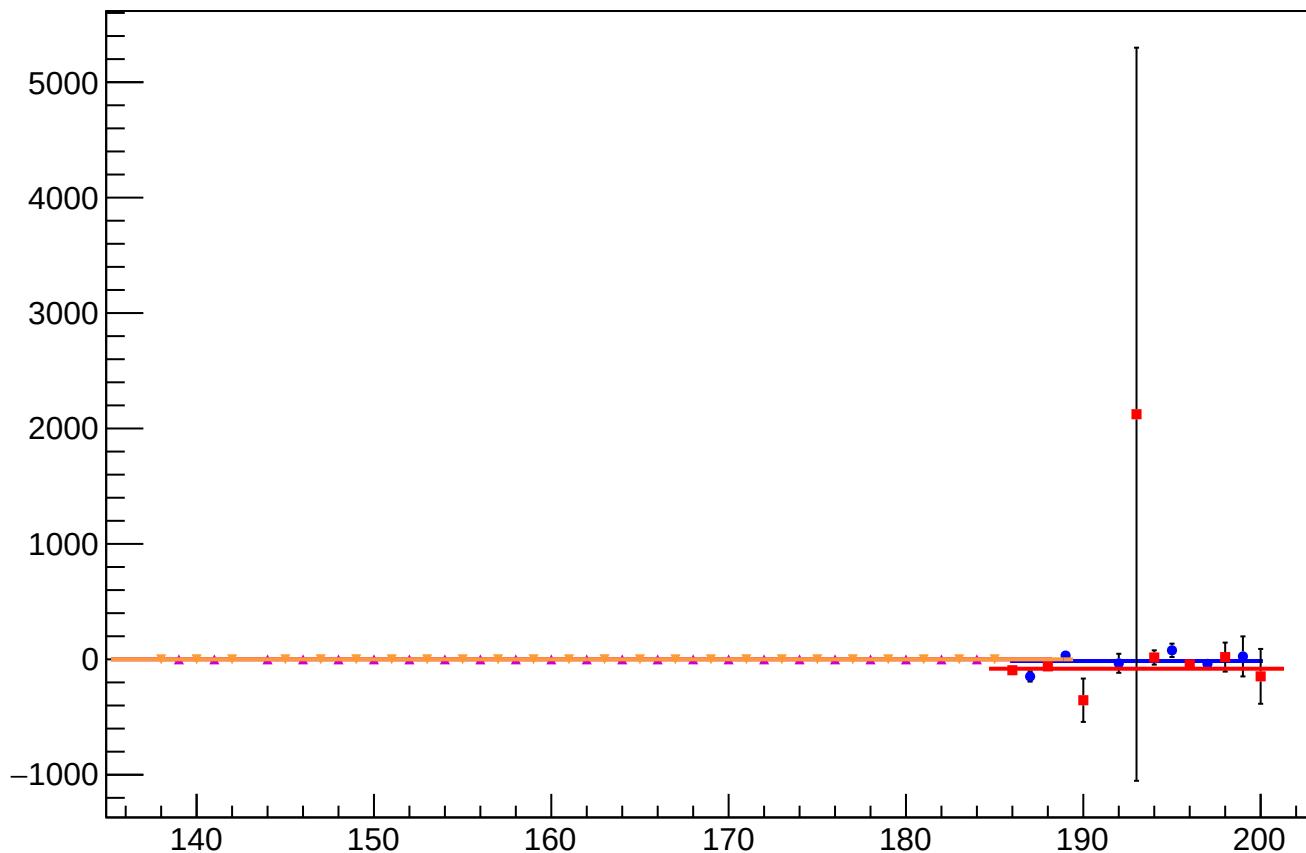
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 72.0/45

All: -0.001 ± 0.000 χ^2/NDF : 136.5/93

- sign -0.001 ± 0.001 χ^2/NDF : 64.5/47

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -14.572 ± 19.123 χ^2/NDF : 14.9/5

Left Out: -0.052 ± 0.018 χ^2/NDF : 37.3/23

Right Out: -81.243 ± 9.973 χ^2/NDF : 8.7/7

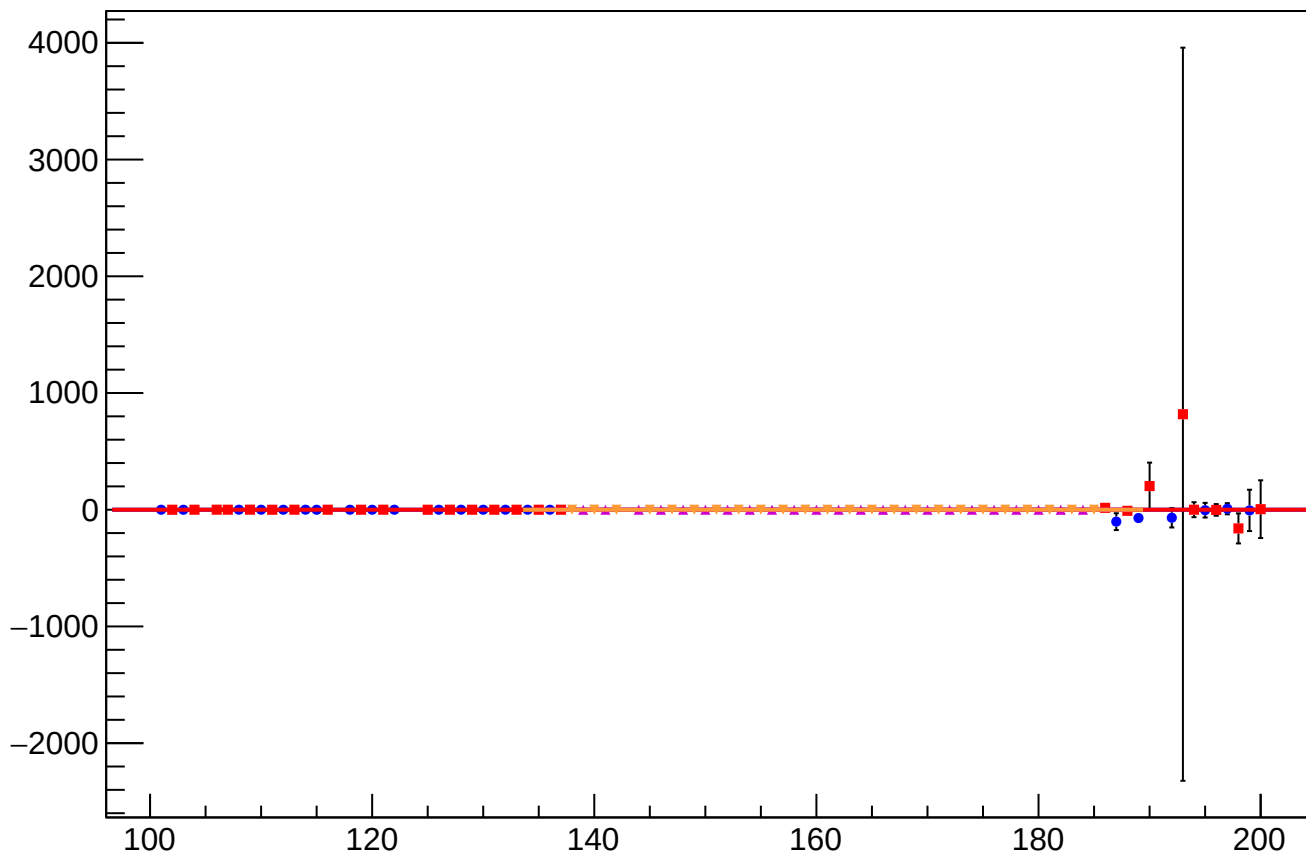
Left In: -0.010 ± 0.018 χ^2/NDF : 33.3/22

+ sign -0.052 ± 0.018 χ^2/NDF : 52.8/29

All: -0.031 ± 0.013 χ^2/NDF : 163.8/60

- sign -0.010 ± 0.018 χ^2/NDF : 108.4/30

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 32.8/21

Left Out: -0.010 ± 0.014 χ^2/NDF : 29.5/23

Right Out: 0.040 ± 0.025 χ^2/NDF : 31.0/24

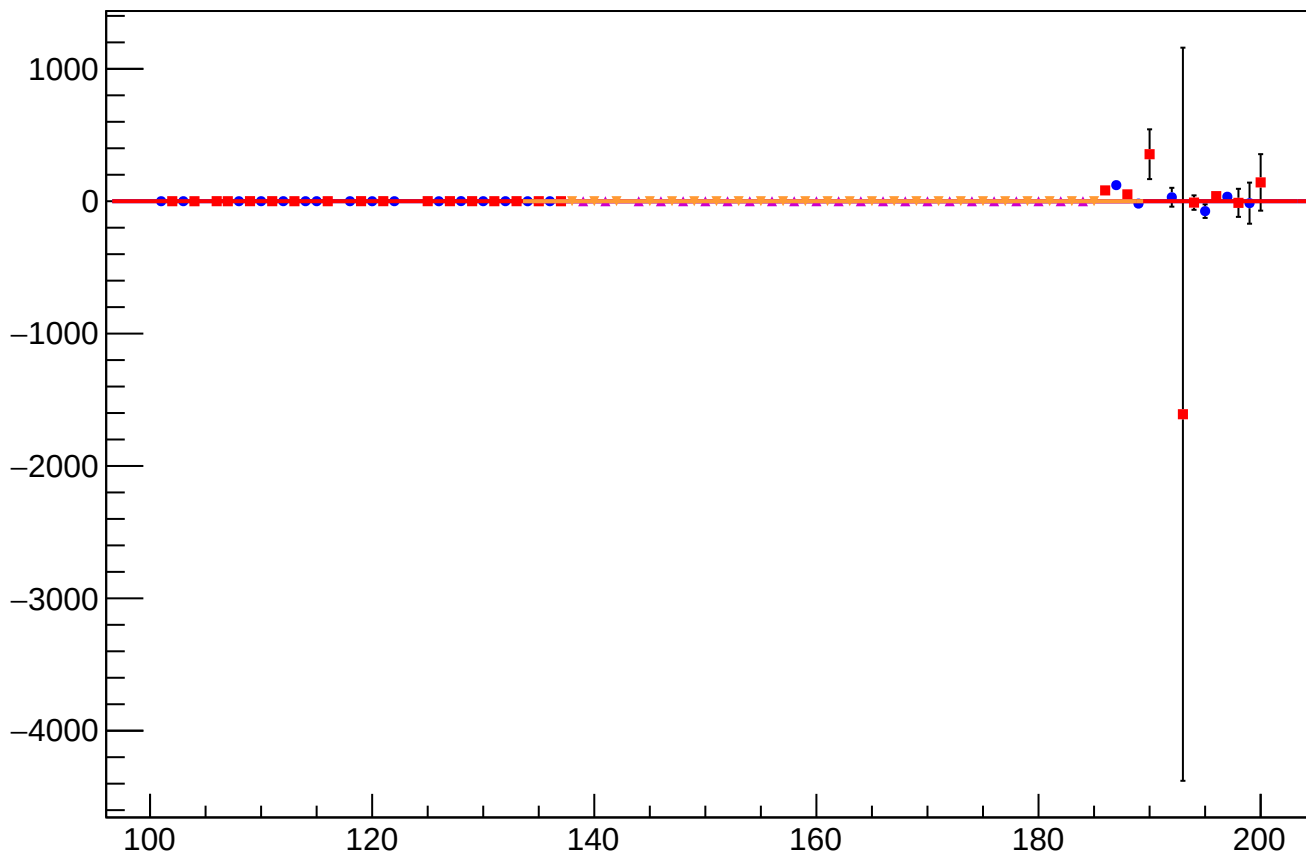
Left In: 0.004 ± 0.014 χ^2/NDF : 50.3/22

+ sign -0.005 ± 0.012 χ^2/NDF : 62.8/45

All: 0.004 ± 0.009 χ^2/NDF : 146.7/93

- sign 0.013 ± 0.012 χ^2/NDF : 82.9/47

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 43.8/21

Left Out: 0.048 ± 0.018 χ^2/NDF : 35.4/23

Right Out: 0.204 ± 0.045 χ^2/NDF : 97.0/24

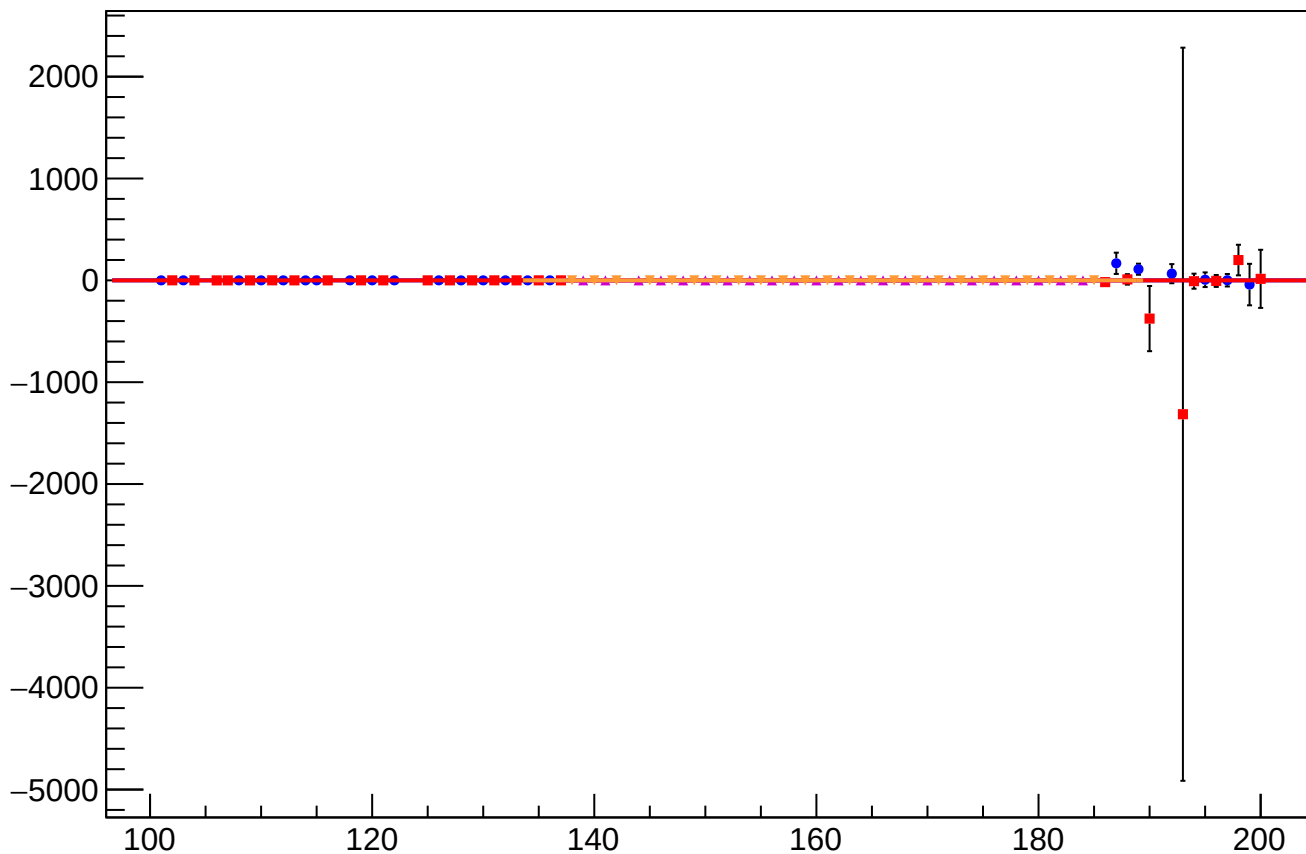
Left In: 0.021 ± 0.018 χ^2/NDF : 34.0/22

+ sign 0.063 ± 0.017 χ^2/NDF : 84.3/45

All: 0.055 ± 0.012 χ^2/NDF : 229.9/93

- sign 0.046 ± 0.017 χ^2/NDF : 145.1/47

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 32.3/21

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.050 ± 0.029 χ^2/NDF : 29.0/24

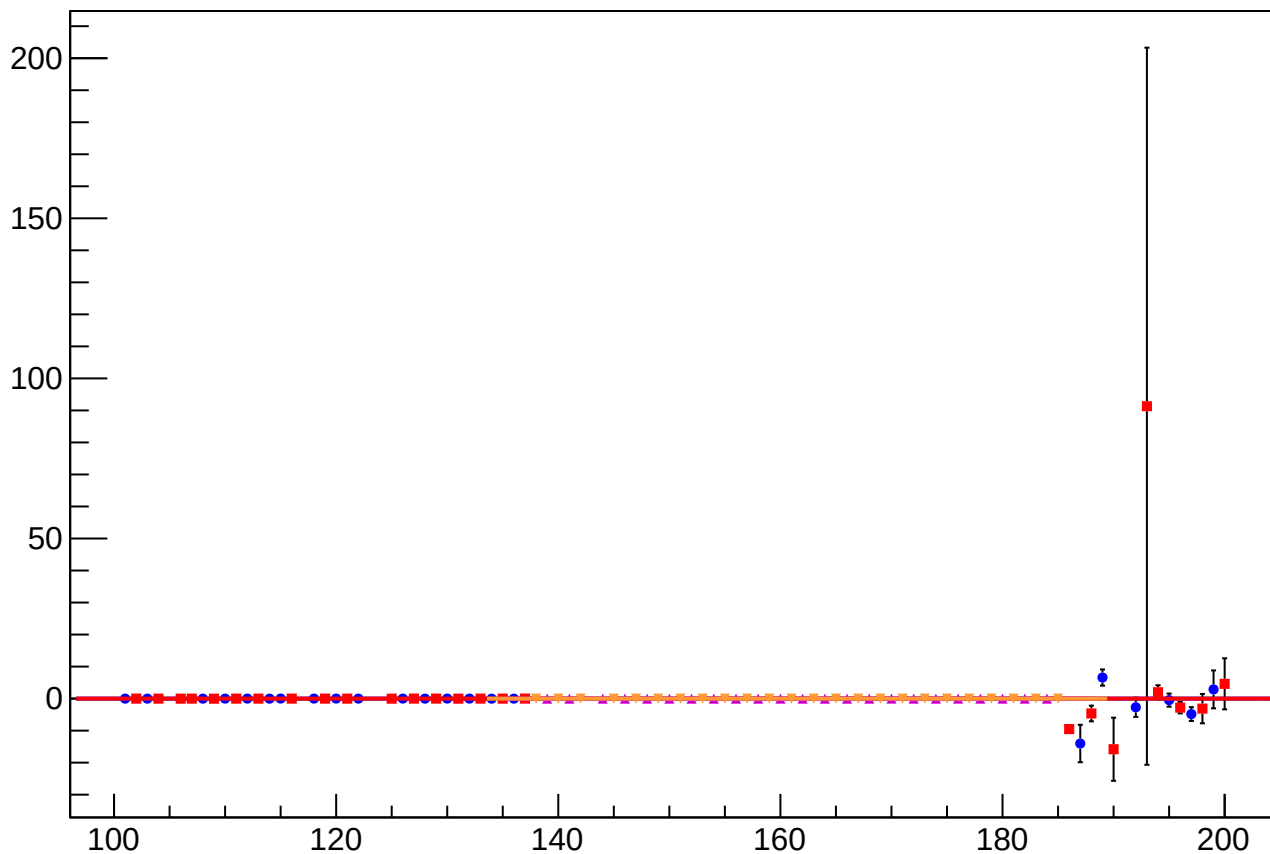
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 66.7/45

All: 0.003 ± 0.010 χ^2/NDF : 150.3/93

- sign -0.007 ± 0.014 χ^2/NDF : 82.7/47

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 47.6/21

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF: 31.9/23

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 68.7/24

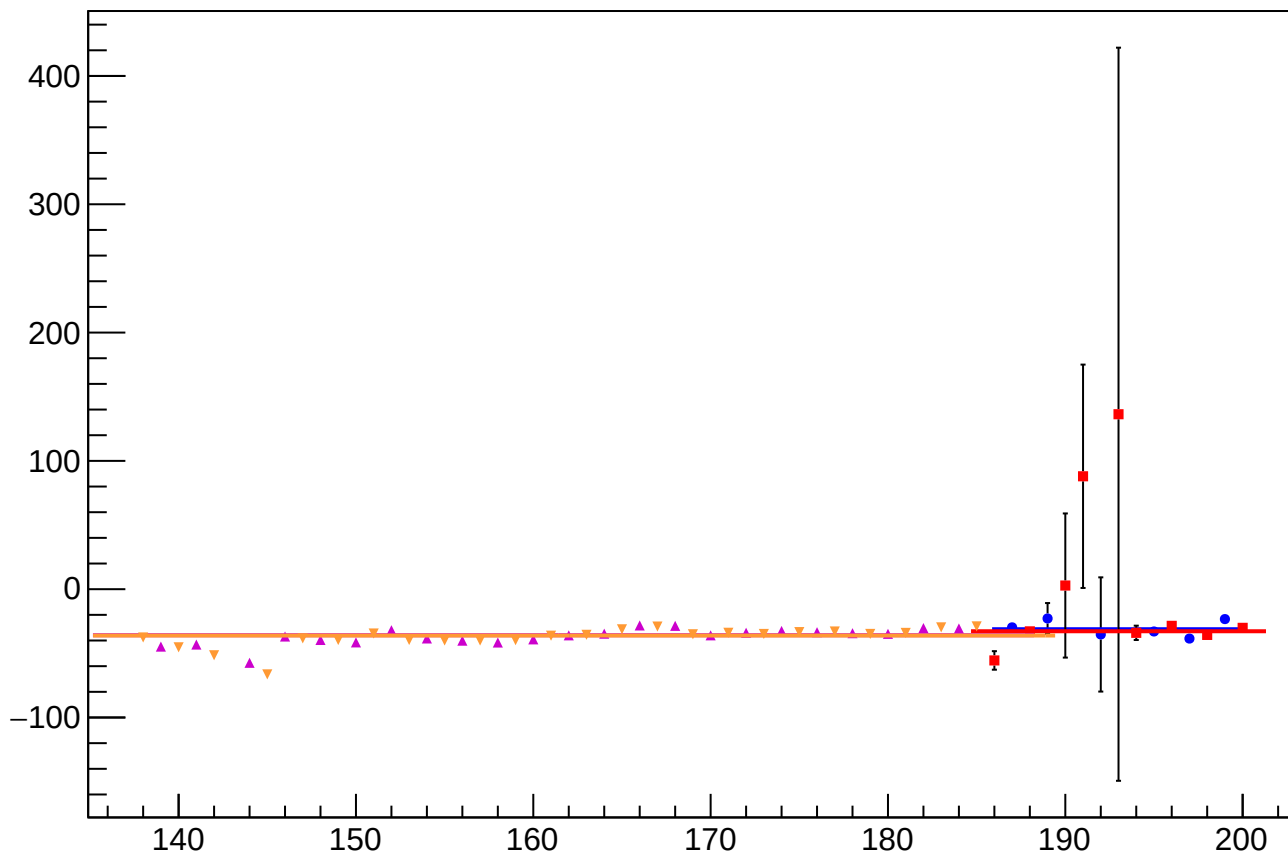
Left In: -0.009 $\pm$ 0.001 χ^2 /NDF: 39.2/22

+ sign -0.008 $\pm$ 0.001 χ^2 /NDF: 81.3/45

All: -0.008 $\pm$ 0.000 χ^2 /NDF: 192.1/93

- sign -0.008 $\pm$ 0.001 χ^2 /NDF: 110.5/47

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -31.199 ± 1.224 χ^2/NDF : 15.3/5

Left Out: -36.110 ± 0.192 χ^2/NDF : 1118.4/23

Right Out: -32.782 ± 0.963 χ^2/NDF : 16.2/8

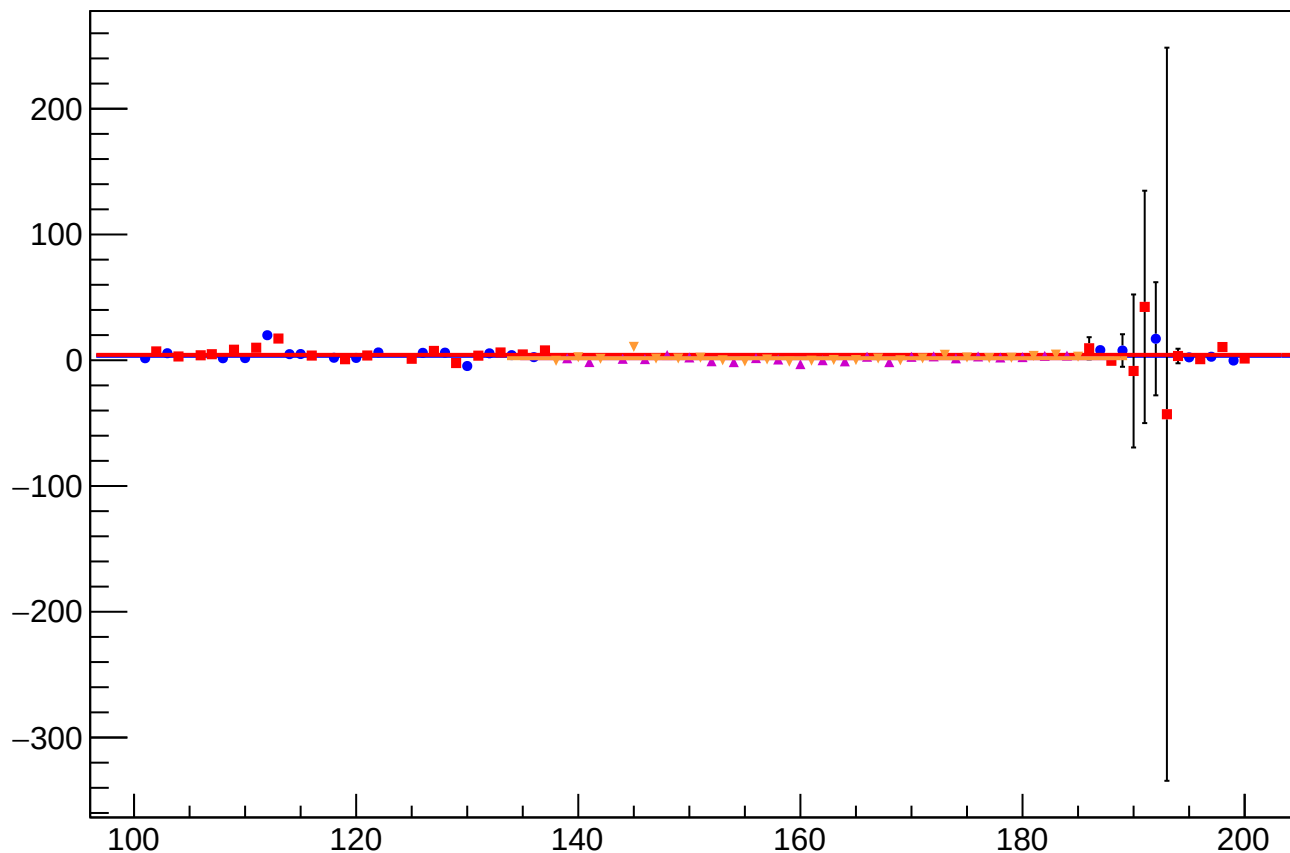
Left In: -35.869 ± 0.191 χ^2/NDF : 887.1/22

+ sign -35.992 ± 0.190 χ^2/NDF : 1149.4/29

All: -35.871 ± 0.133 χ^2/NDF : 2063.4/61

- sign -35.753 ± 0.187 χ^2/NDF : 913.2/31

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.528 ± 0.215 χ^2/NDF : 450.6/21

Left Out: 1.632 ± 0.148 χ^2/NDF : 166.7/23

Right Out: 4.292 ± 0.222 χ^2/NDF : 363.1/25

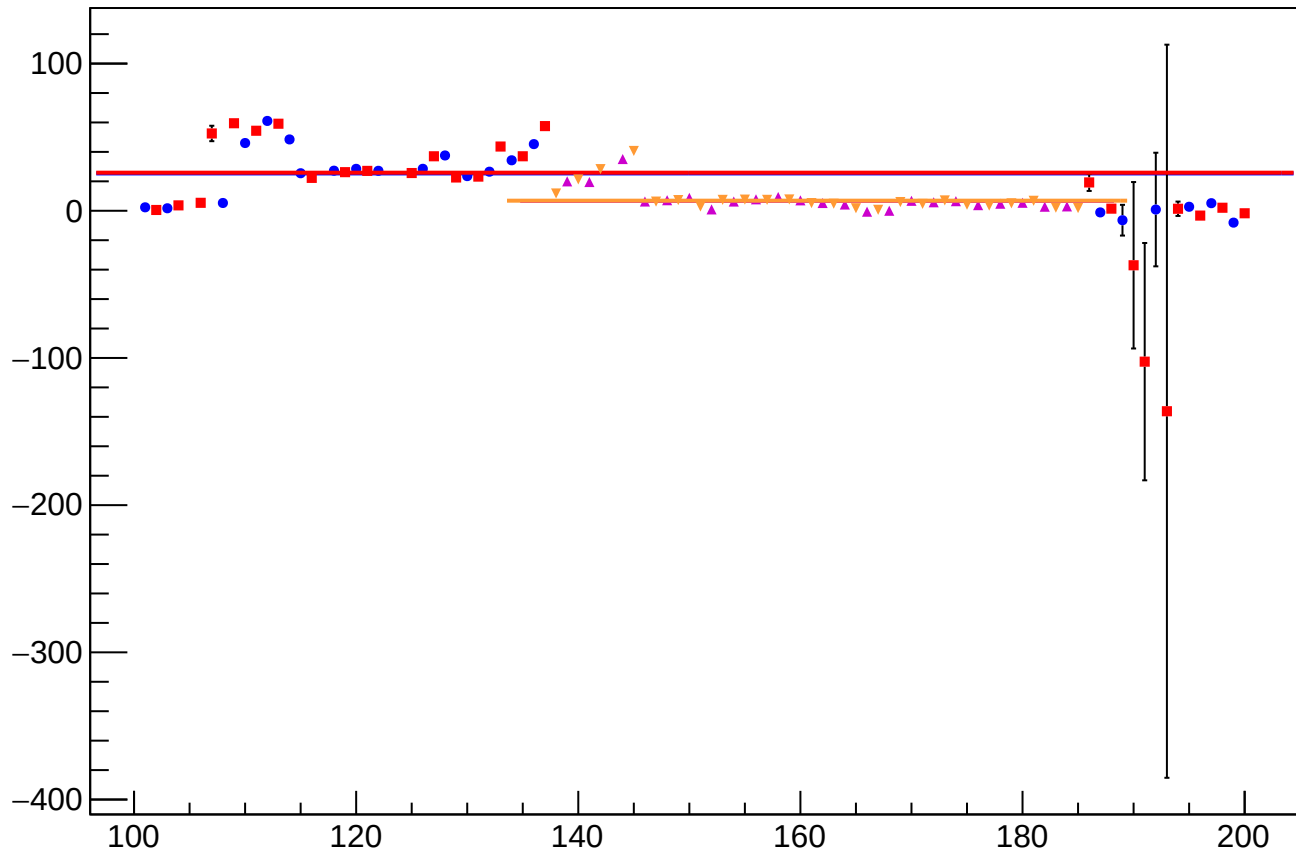
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.240 ± 0.122 χ^2/NDF : 670.0/45

All: 2.352 ± 0.087 χ^2/NDF : 1296.7/94

- sign 2.468 ± 0.124 χ^2/NDF : 625.0/48

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 25.365 $\pm$ 0.386 χ^2 /NDF: 2218.6/21

Left Out: 6.855 $\pm$ 0.191 χ^2 /NDF: 1298.7/23

Right Out: 25.877 $\pm$ 0.374 χ^2 /NDF: 2897.3/25

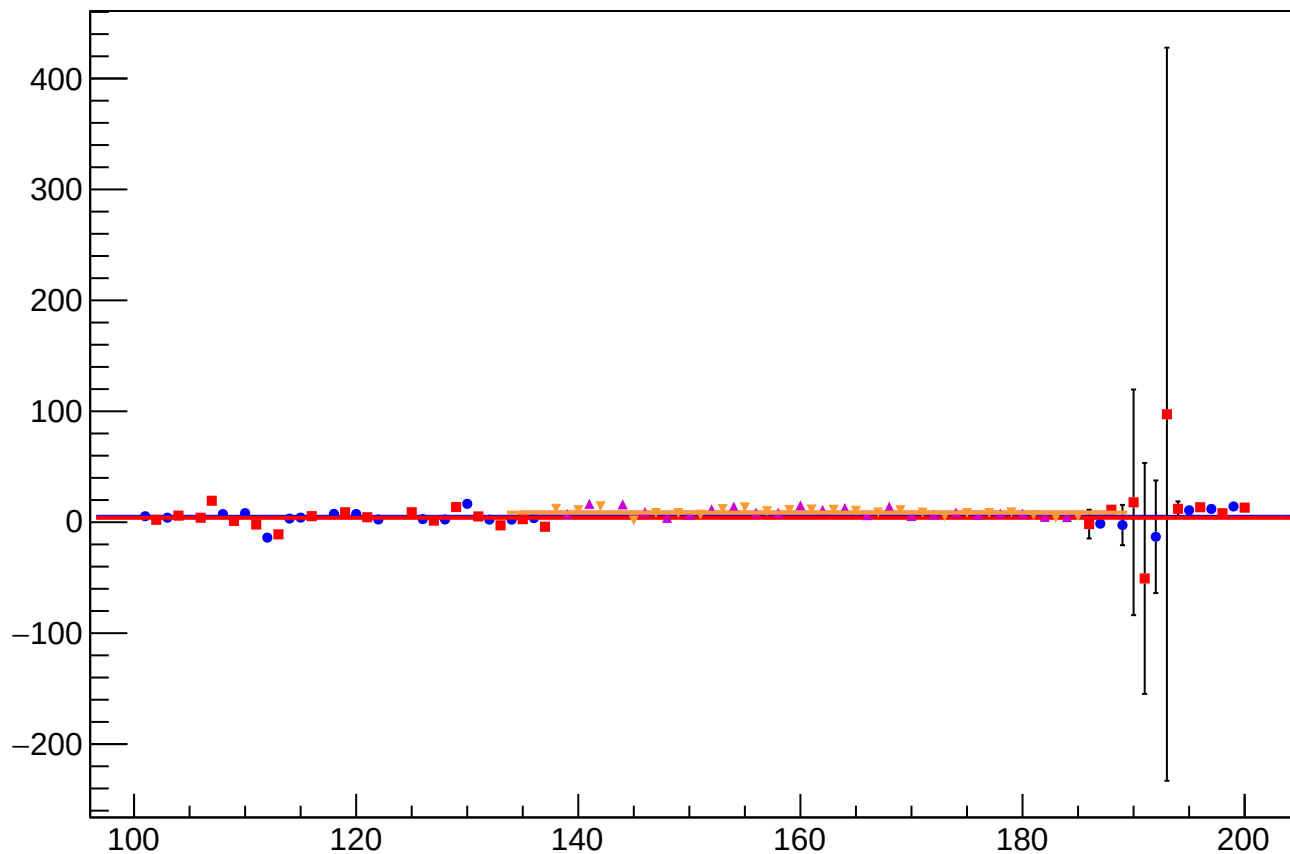
Left In: 6.639 $\pm$ 0.190 χ^2 /NDF: 1077.2/22

+ sign 10.505 $\pm$ 0.171 χ^2 /NDF: 5362.0/45

All: 10.546 $\pm$ 0.120 χ^2 /NDF: 11445.0/94

- sign 10.586 $\pm$ 0.169 χ^2 /NDF: 6082.9/48

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.872 ± 0.249 χ^2/NDF : 569.2/21

Left Out: 8.697 ± 0.169 χ^2/NDF : 241.1/23

Right Out: 3.992 ± 0.256 χ^2/NDF : 588.6/25

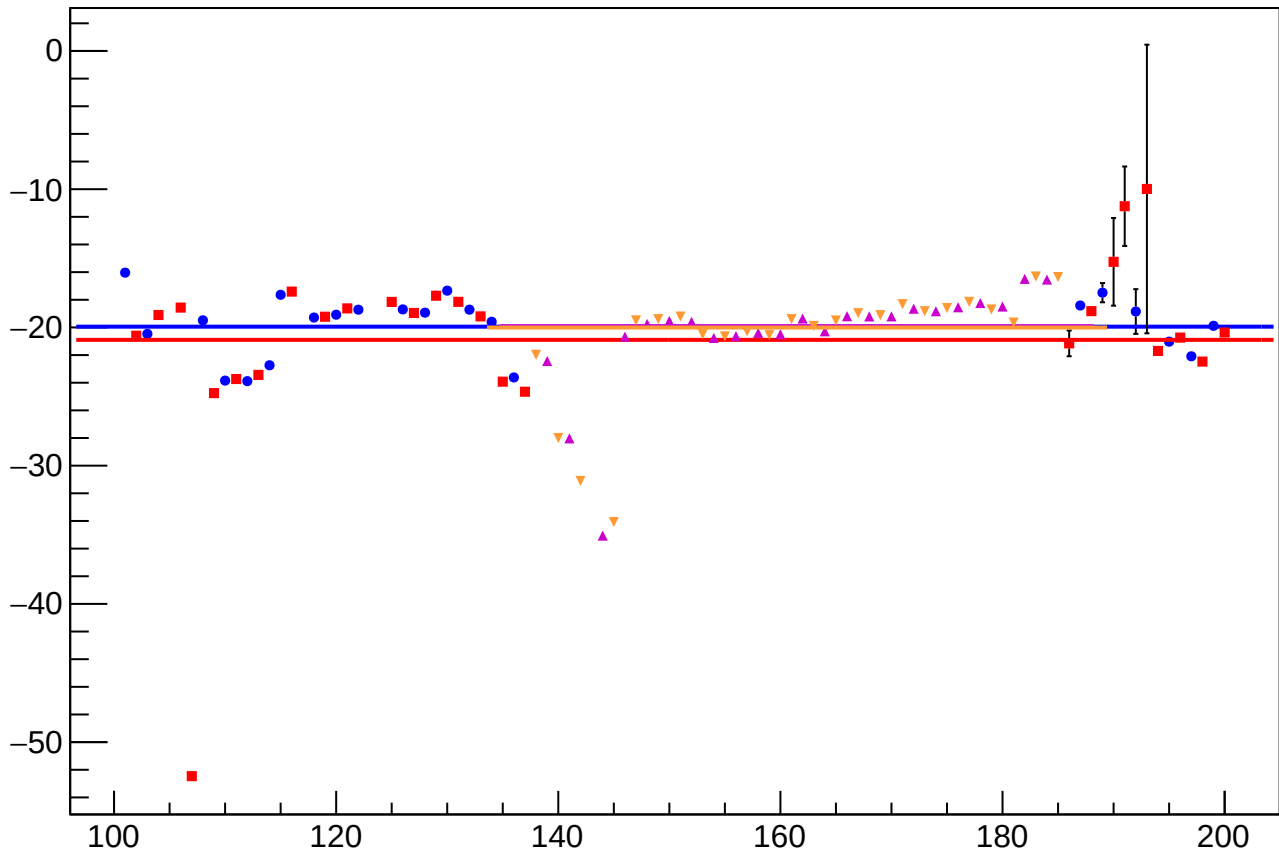
Left In: 8.659 ± 0.170 χ^2/NDF : 438.0/22

+ sign 7.492 ± 0.140 χ^2/NDF : 971.8/45

All: 7.364 ± 0.099 χ^2/NDF : 2231.1/94

- sign 7.234 ± 0.141 χ^2/NDF : 1257.6/48

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.944 ± 0.015 χ^2/NDF : 26552.6/21

Left Out: -20.007 ± 0.008 χ^2/NDF : 171647.2/23

Right Out: -20.900 ± 0.015 χ^2/NDF : 93188.3/25

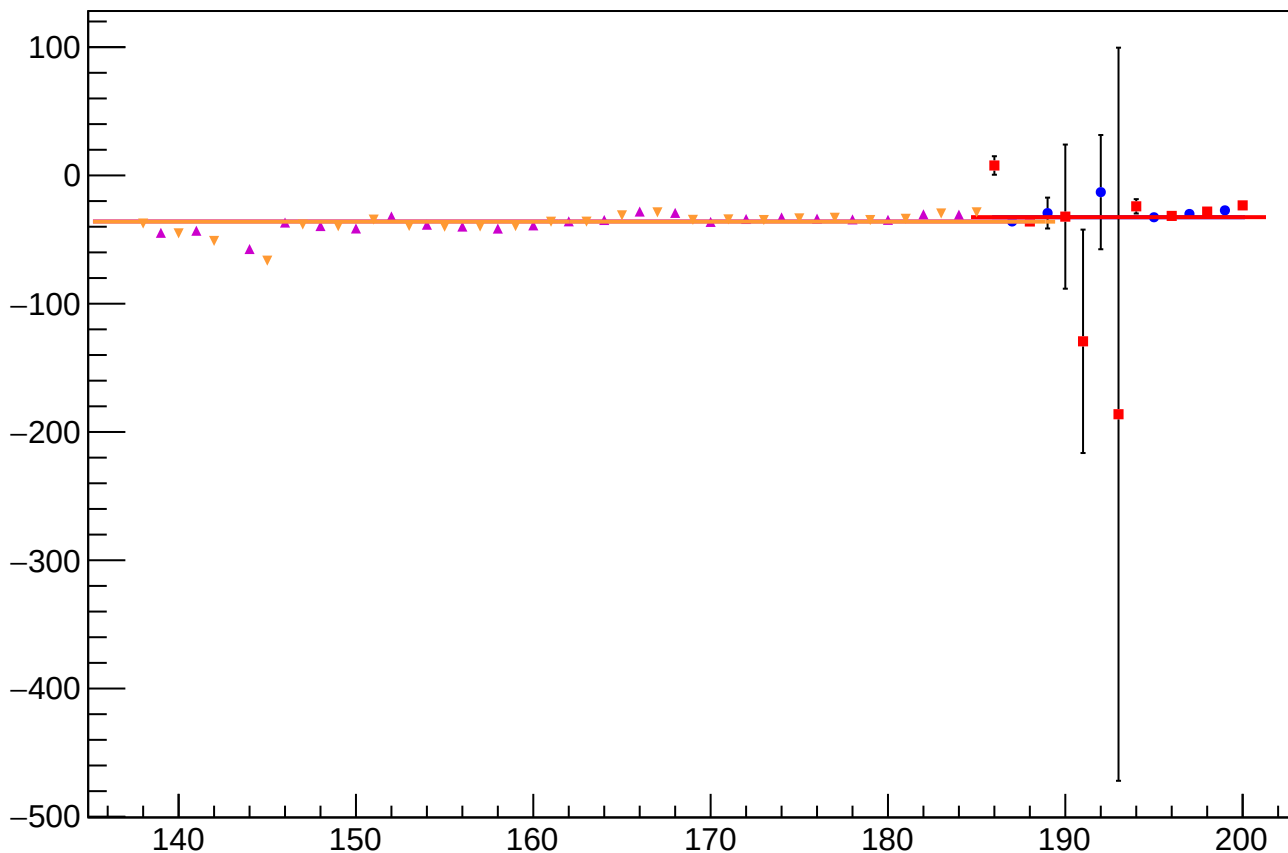
Left In: -19.912 ± 0.008 χ^2/NDF : 145487.3/22

+ sign -19.993 ± 0.007 χ^2/NDF : 198213.2/45

All: -20.057 ± 0.005 χ^2/NDF : 440399.3/94

- sign -20.119 ± 0.007 χ^2/NDF : 242023.7/48

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -32.608 ± 1.228 χ^2/NDF : 7.2/5

Left Out: -36.019 ± 0.192 χ^2/NDF : 1125.4/23

Right Out: -32.535 ± 0.966 χ^2/NDF : 52.9/8

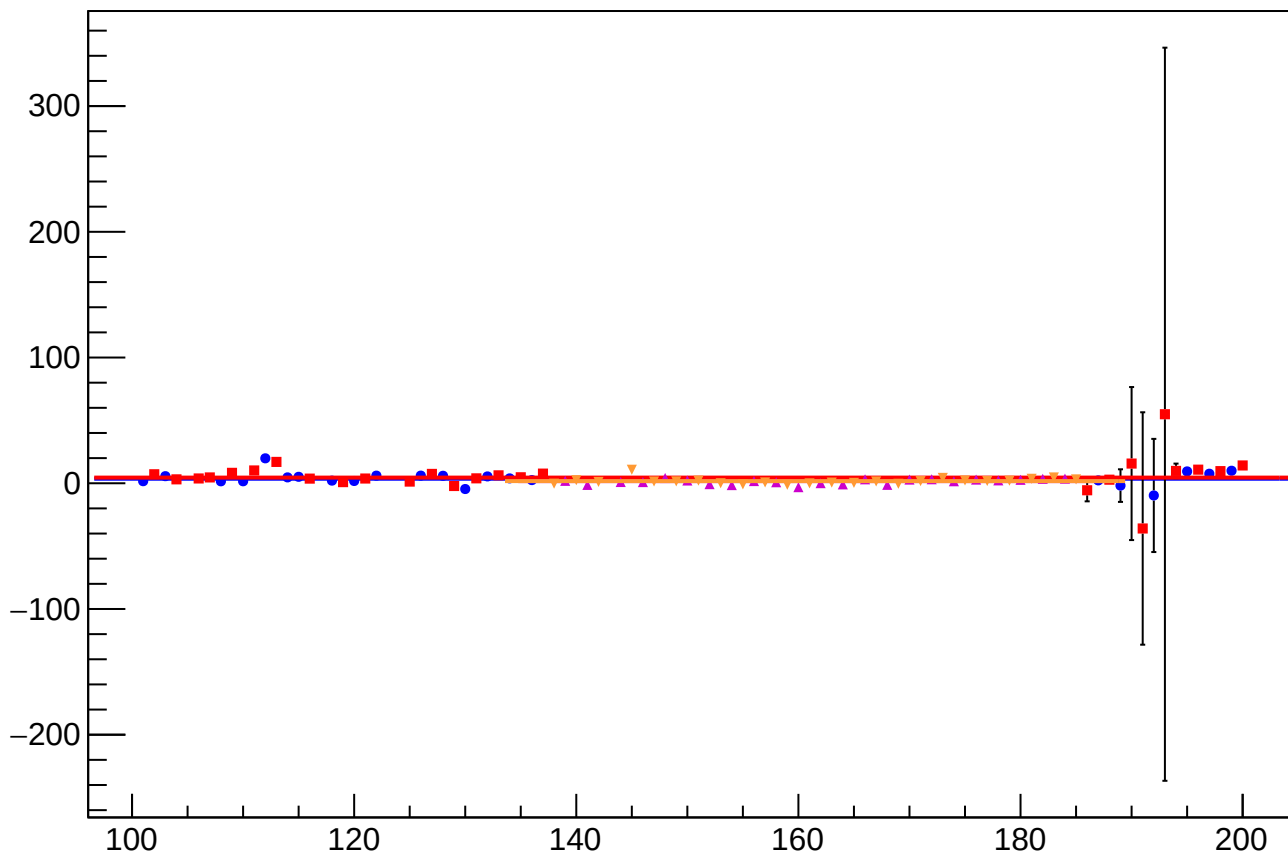
Left In: -35.856 ± 0.191 χ^2/NDF : 875.9/22

+ sign -35.938 ± 0.189 χ^2/NDF : 1140.1/29

All: -35.833 ± 0.133 χ^2/NDF : 2080.9/61

- sign -35.731 ± 0.187 χ^2/NDF : 940.2/31

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.602 ± 0.215 χ^2/NDF : 452.8/21

Left Out: 1.721 ± 0.148 χ^2/NDF : 168.3/23

Right Out: 4.502 ± 0.222 χ^2/NDF : 361.1/25

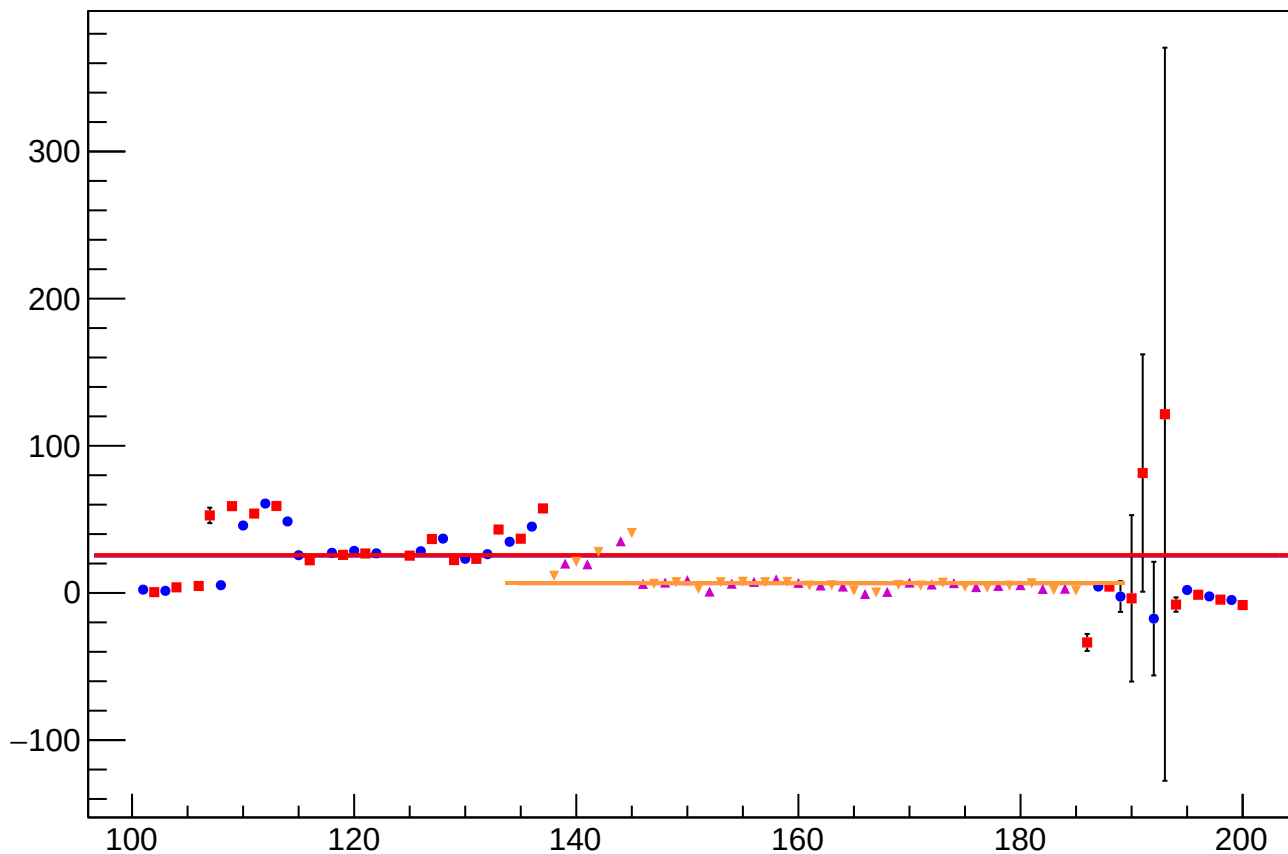
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.324 ± 0.122 χ^2/NDF : 673.1/45

All: 2.449 ± 0.087 χ^2/NDF : 1309.3/94

- sign 2.579 ± 0.124 χ^2/NDF : 634.0/48

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 25.394 $\pm$ 0.386 χ^2 /NDF: 2148.2/21

Left Out: 6.767 $\pm$ 0.191 χ^2 /NDF: 1301.2/23

Right Out: 25.708 $\pm$ 0.374 χ^2 /NDF: 2914.1/25

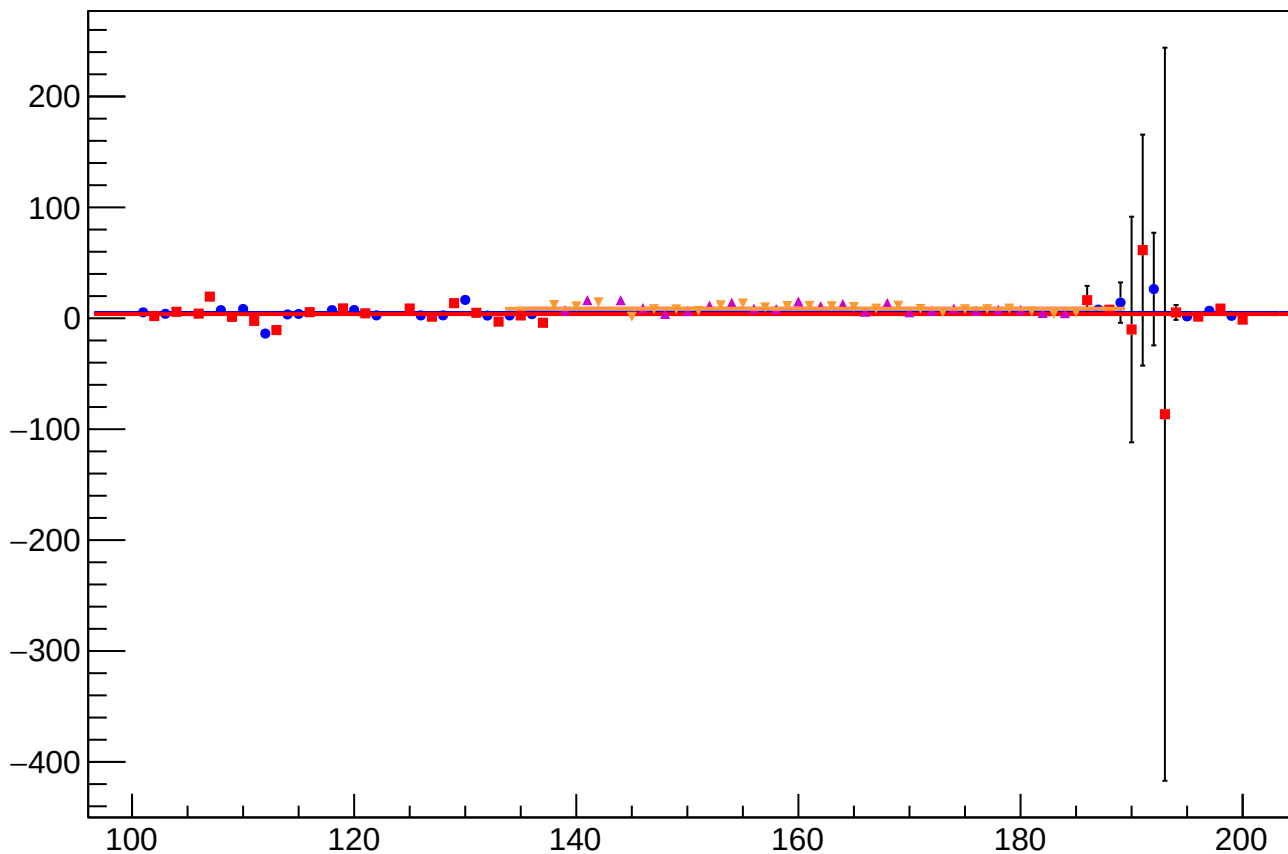
Left In: 6.635 $\pm$ 0.190 χ^2 /NDF: 1070.4/22

+ sign 10.437 $\pm$ 0.171 χ^2 /NDF: 5318.1/45

All: 10.491 $\pm$ 0.120 χ^2 /NDF: 11375.5/94

- sign 10.543 $\pm$ 0.169 χ^2 /NDF: 6057.1/48

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.790 $\pm$ 0.249 χ^2 /NDF: 552.4/21

Left Out: 8.588 $\pm$ 0.169 χ^2 /NDF: 245.6/23

Right Out: 3.774 $\pm$ 0.256 χ^2 /NDF: 569.8/25

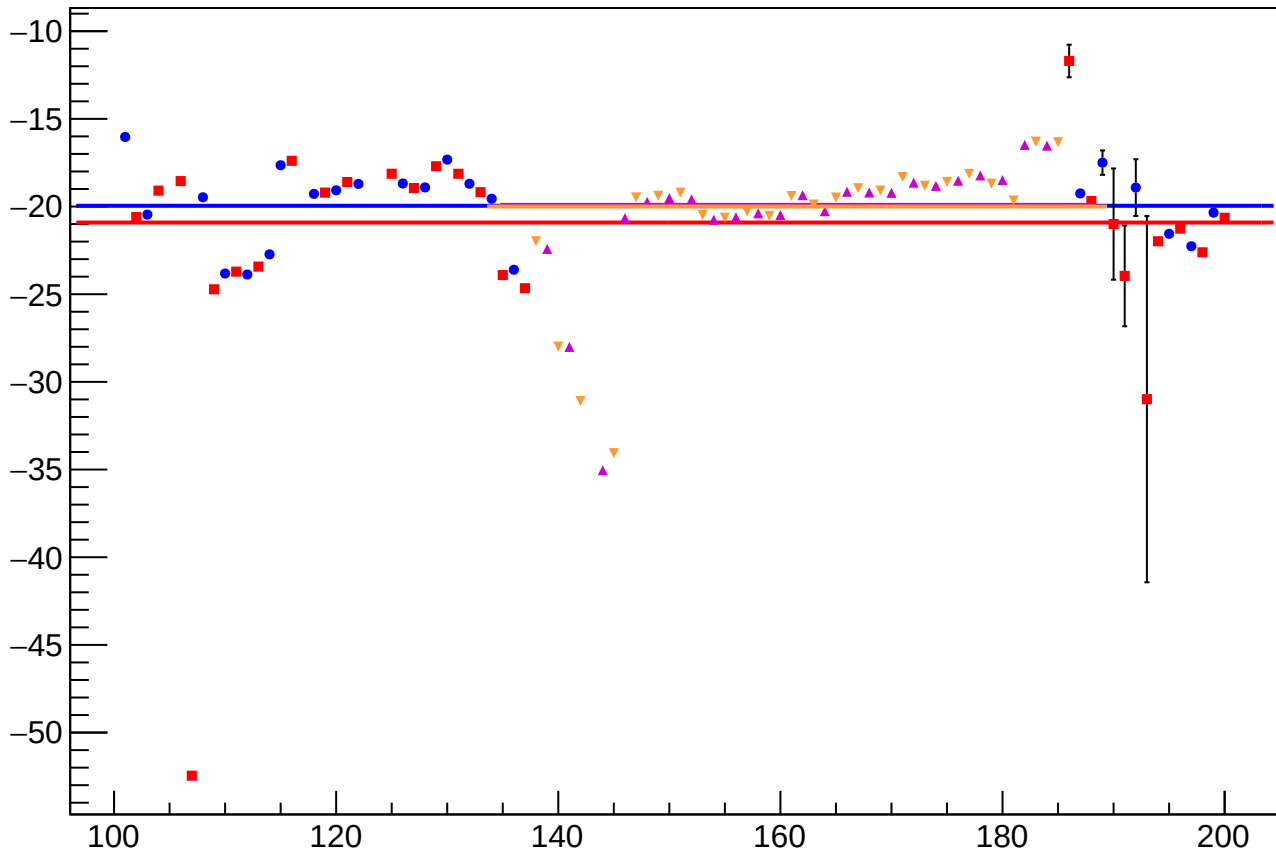
Left In: 8.573 $\pm$ 0.170 χ^2 /NDF: 443.4/22

+ sign 7.391 $\pm$ 0.140 χ^2 /NDF: 957.5/45

All: 7.251 $\pm$ 0.099 χ^2 /NDF: 2217.2/94

- sign 7.107 $\pm$ 0.141 χ^2 /NDF: 1257.7/48

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.958 ± 0.015 $\chi^2/\text{NDF}: 26697.6/21$

Left Out: -19.999 ± 0.008 $\chi^2/\text{NDF}: 171834.0/23$

Right Out: -20.913 ± 0.015 $\chi^2/\text{NDF}: 93286.5/25$

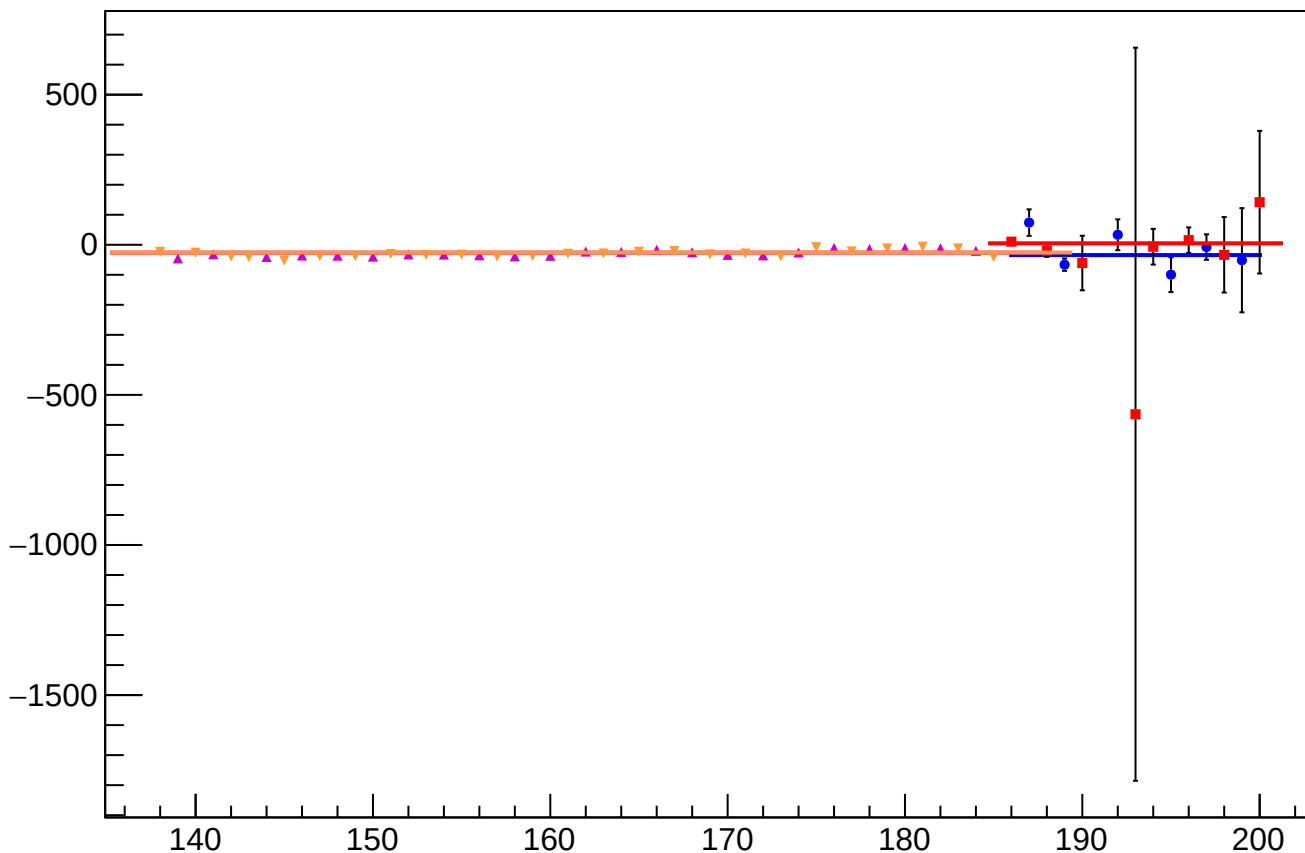
Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

+ sign -19.990 ± 0.007 $\chi^2/\text{NDF}: 198537.6/45$

All: -20.053 ± 0.005 $\chi^2/\text{NDF}: 440824.8/94$

- sign -20.116 ± 0.007 $\chi^2/\text{NDF}: 242124.9/48$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -34.280 ± 15.528 χ^2/NDF : 11.8/5

Left Out: -25.804 ± 0.192 χ^2/NDF : 4127.8/24

Right Out: 4.897 ± 8.292 χ^2/NDF : 3.0/7

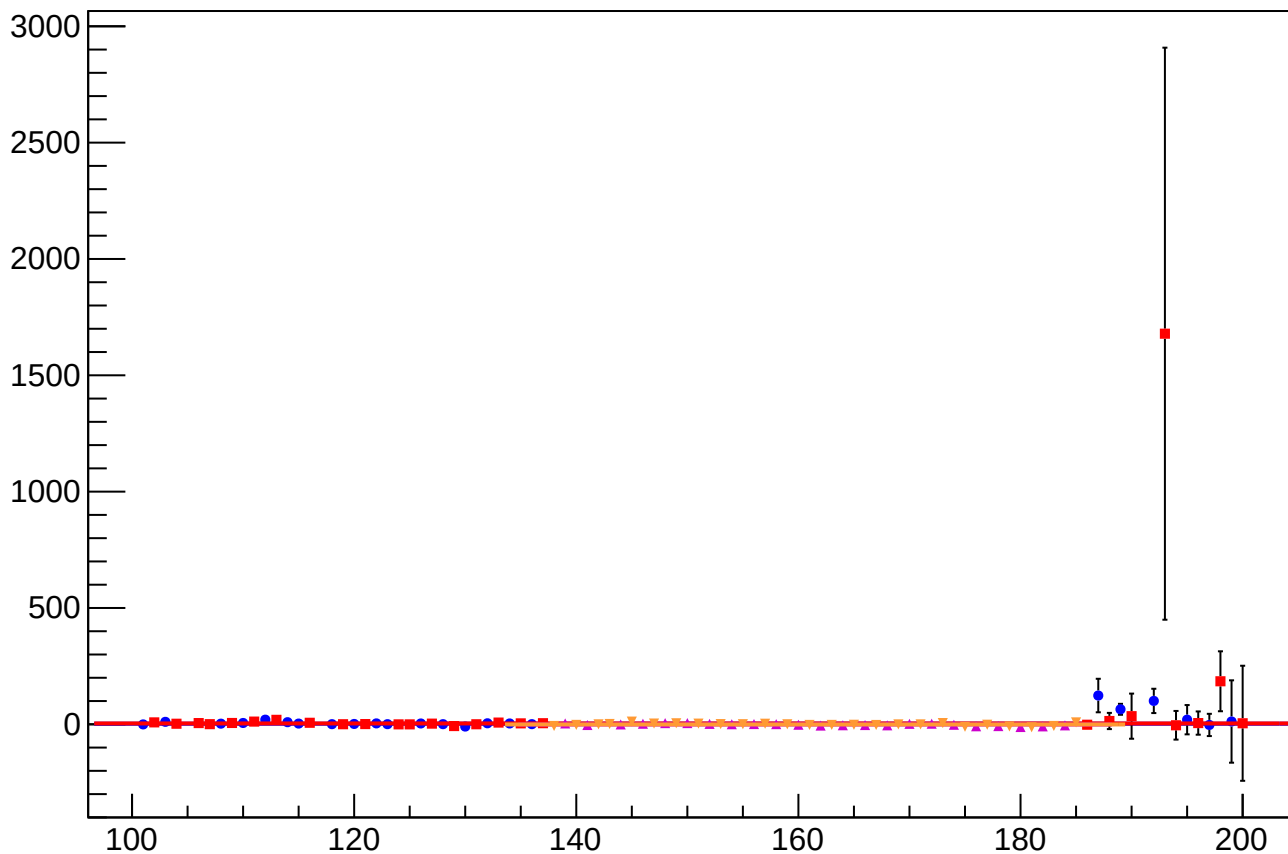
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign -25.806 ± 0.192 χ^2/NDF : 4139.9/30

All: -25.994 ± 0.137 χ^2/NDF : 7536.7/61

- sign -26.187 ± 0.194 χ^2/NDF : 3394.8/30

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.460 ± 0.311 χ^2/NDF : 308.7/22

Left Out: -0.681 ± 0.147 χ^2/NDF : 1314.3/24

Right Out: 3.724 ± 0.327 χ^2/NDF : 273.4/25

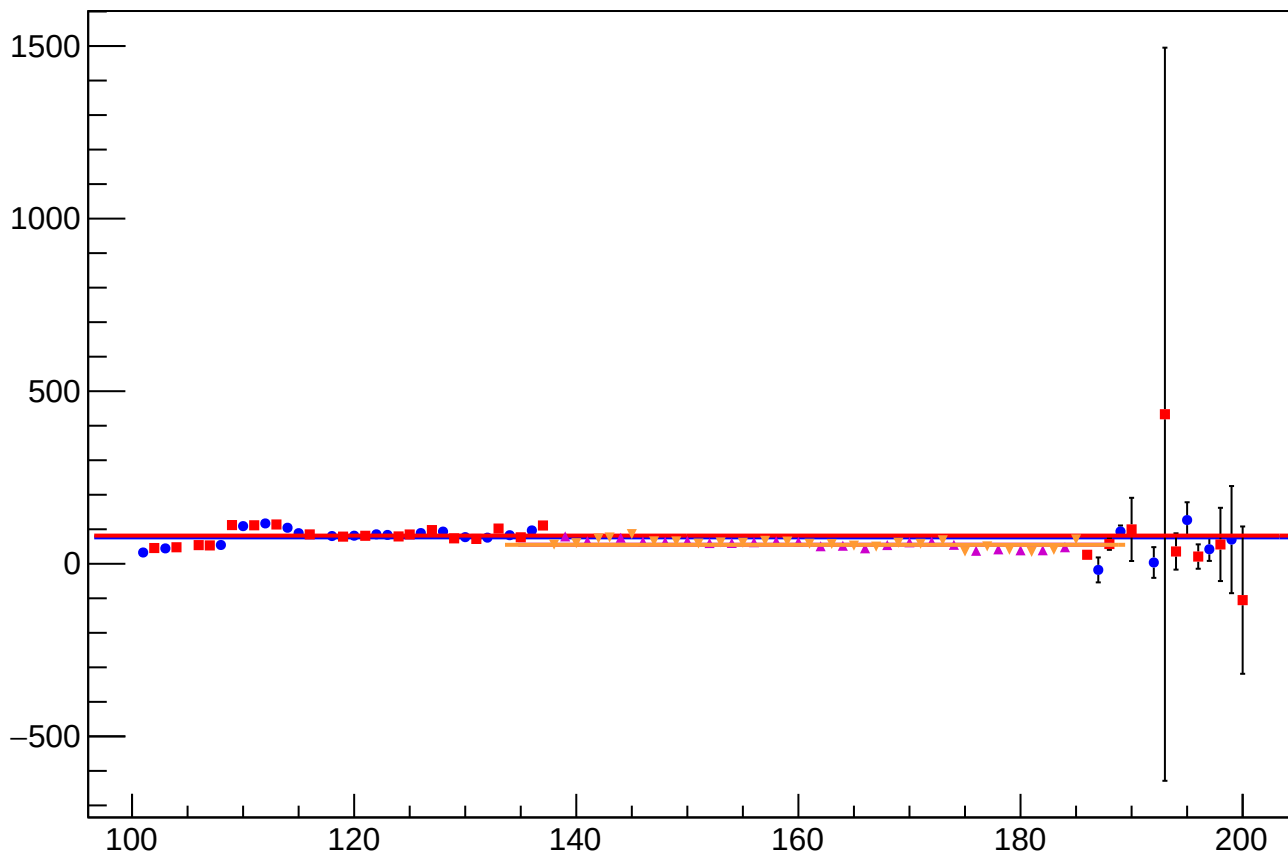
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.110 ± 0.133 χ^2/NDF : 1706.5/47

All: -0.079 ± 0.095 χ^2/NDF : 3212.8/96

- sign -0.047 ± 0.136 χ^2/NDF : 1506.2/48

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.551 $\pm$ 0.573 χ^2 /NDF: 2266.0/22

Left Out: 55.000 $\pm$ 0.192 χ^2 /NDF: 4524.8/24

Right Out: 81.683 $\pm$ 0.590 χ^2 /NDF: 1608.7/25

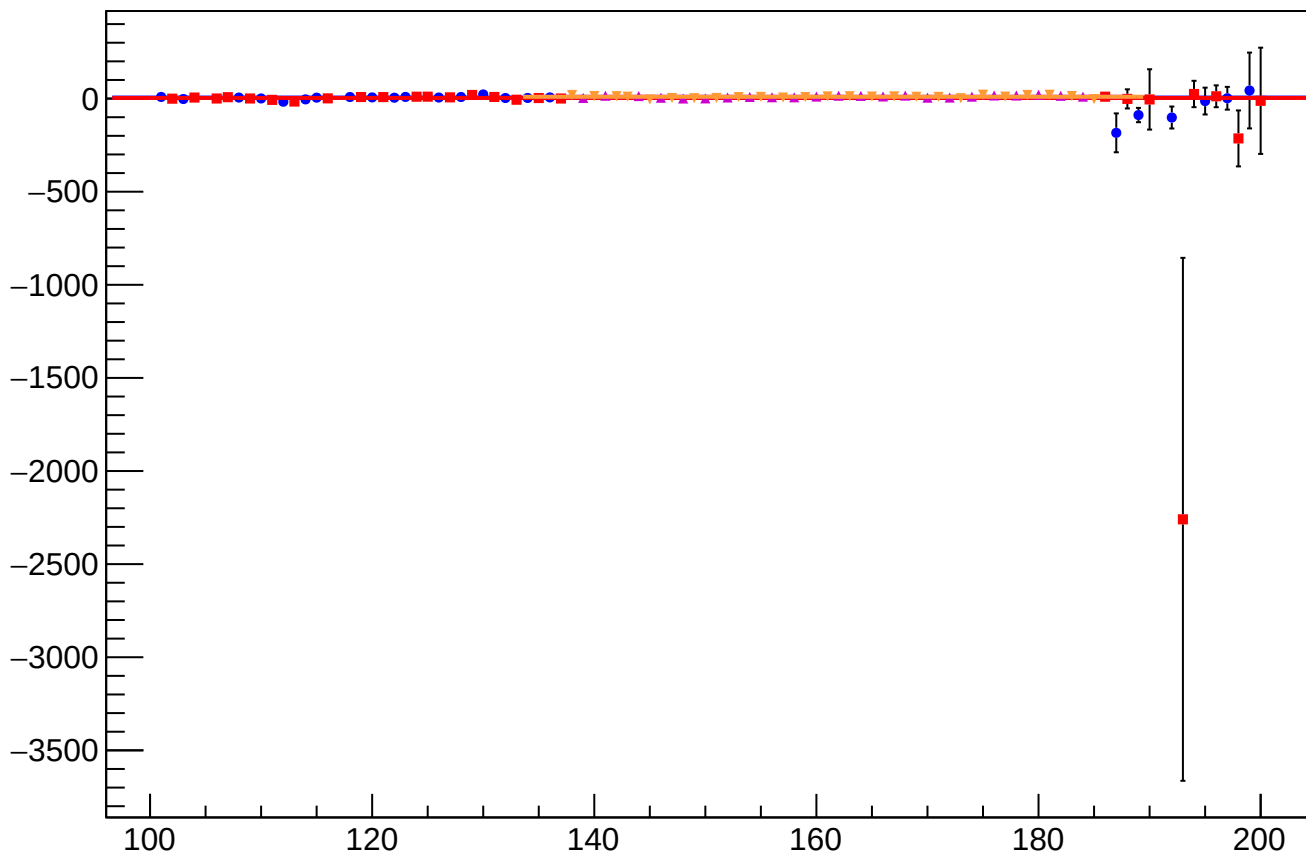
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.174 $\pm$ 0.182 χ^2 /NDF: 8063.9/47

All: 57.472 $\pm$ 0.129 χ^2 /NDF: 15317.3/96

- sign 57.774 $\pm$ 0.183 χ^2 /NDF: 7248.0/48

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.427 ± 0.357 χ^2/NDF : 400.1/22

Left Out: 9.750 ± 0.168 χ^2/NDF : 1449.2/24

Right Out: 3.582 ± 0.375 χ^2/NDF : 428.0/25

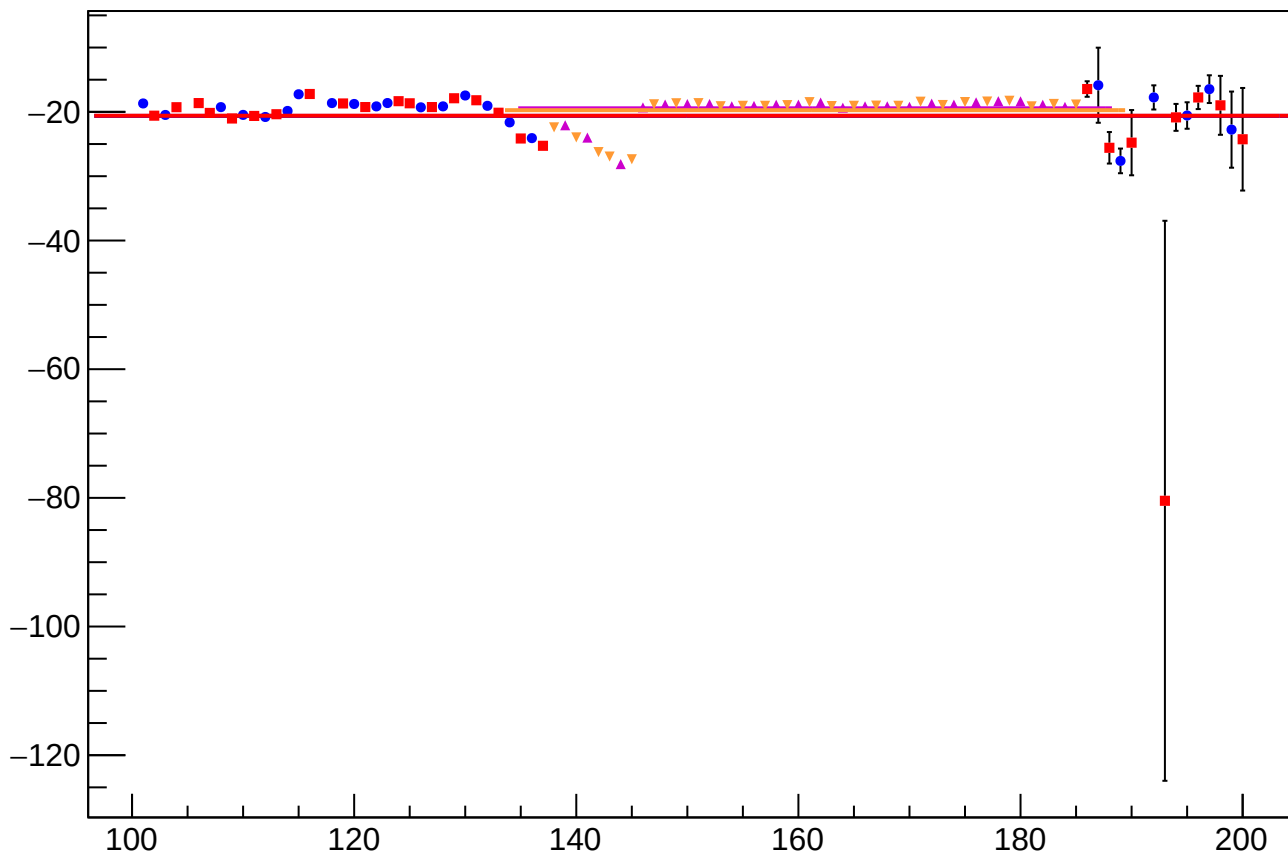
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.966 ± 0.152 χ^2/NDF : 1969.1/47

All: 8.840 ± 0.109 χ^2/NDF : 3789.4/96

- sign 8.708 ± 0.156 χ^2/NDF : 1818.9/48

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12510.7/22$

Left Out: -19.738 ± 0.008 $\chi^2/\text{NDF}: 88495.2/24$

Right Out: -20.601 ± 0.019 $\chi^2/\text{NDF}: 11972.5/25$

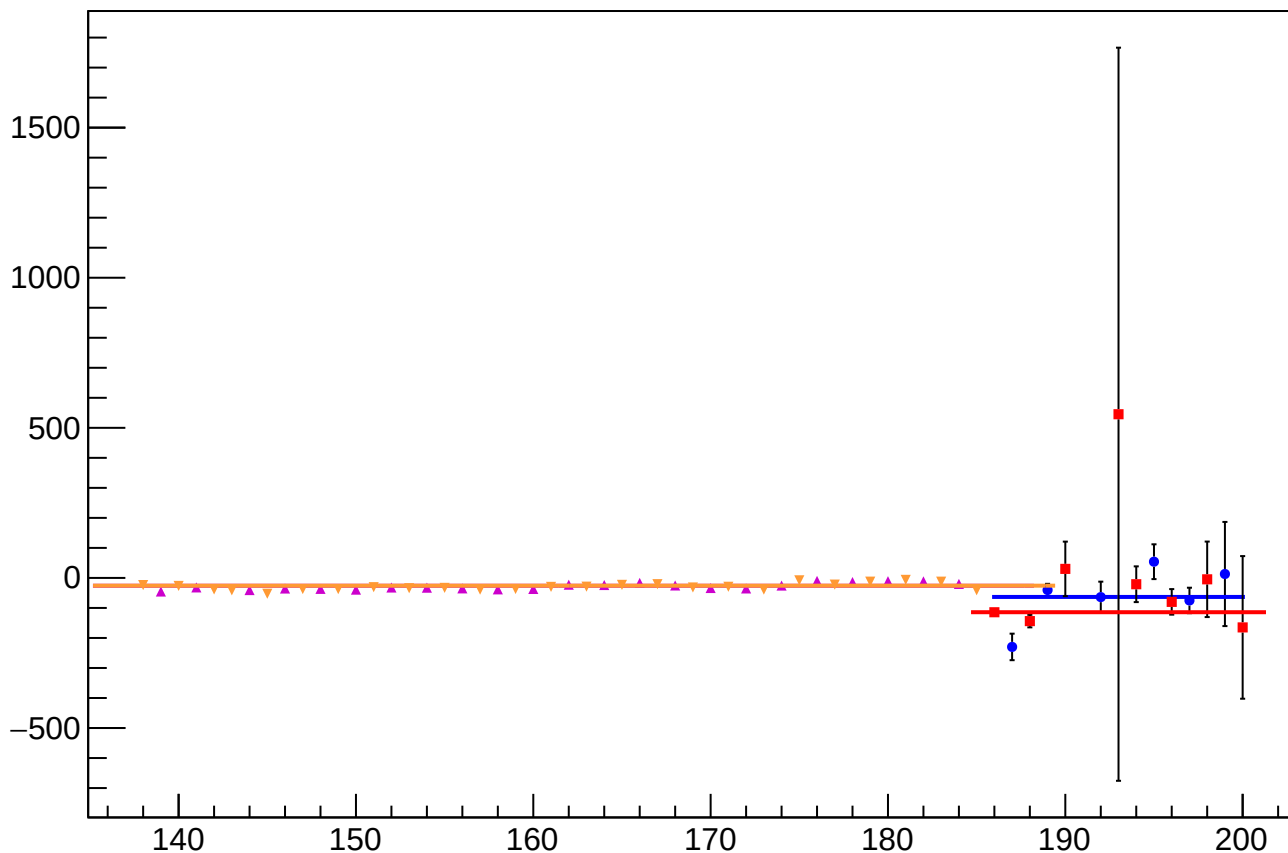
Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

+ sign -19.867 ± 0.007 $\chi^2/\text{NDF}: 102840.2/47$

All: -19.740 ± 0.005 $\chi^2/\text{NDF}: 172473.7/96$

- sign -19.612 ± 0.007 $\chi^2/\text{NDF}: 69028.0/48$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -63.355 ± 15.539 χ^2/NDF : 19.8/5

Left Out: -25.814 ± 0.192 χ^2/NDF : 4094.6/24

Right Out: -114.230 ± 8.298 χ^2/NDF : 8.7/7

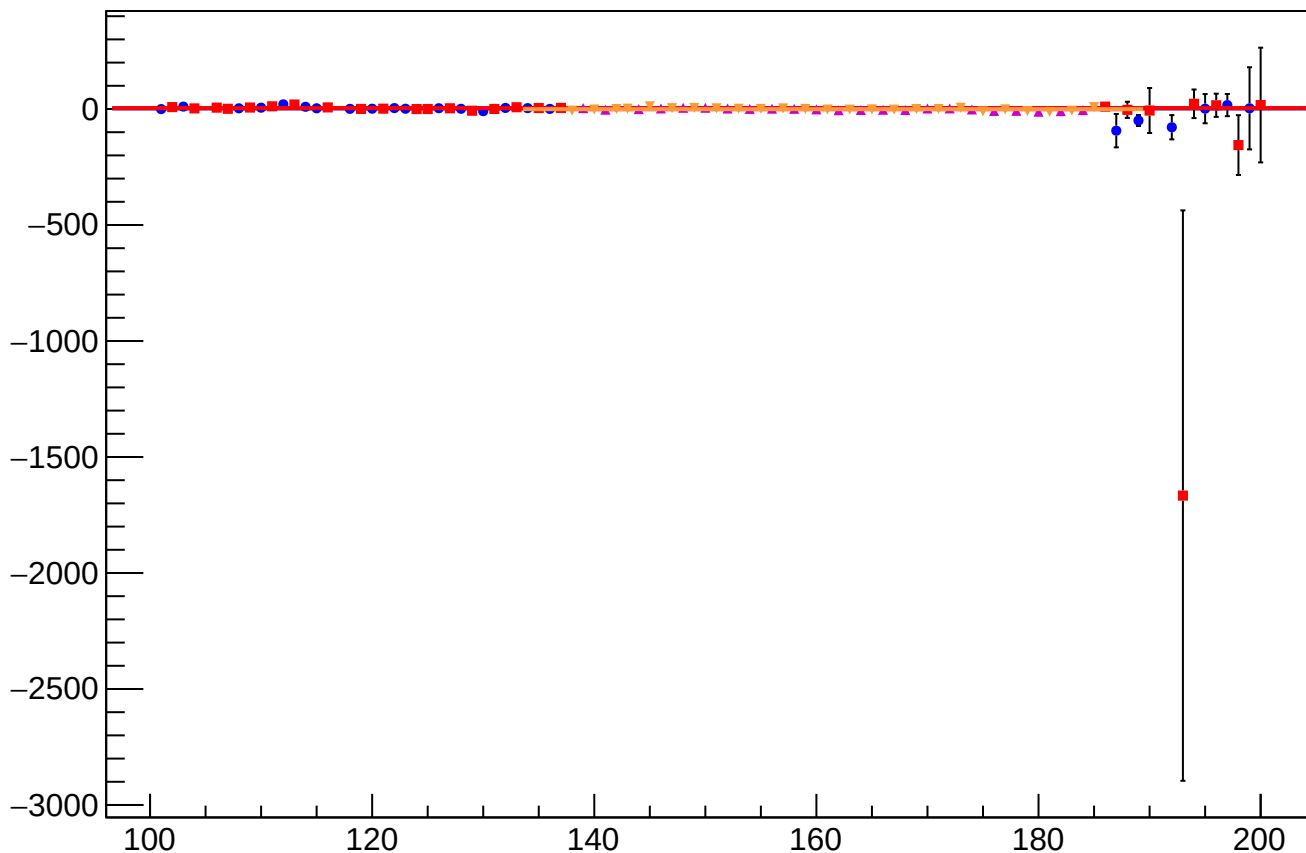
Left In: -26.200 ± 0.194 χ^2/NDF : 3344.6/22

+ sign -25.820 ± 0.192 χ^2/NDF : 4120.3/30

All: -26.032 ± 0.137 χ^2/NDF : 7588.6/61

- sign -26.248 ± 0.194 χ^2/NDF : 3465.9/30

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.435 $\pm$ 0.311 χ^2 /NDF: 302.5/22

Left Out: -0.625 $\pm$ 0.147 χ^2 /NDF:1303.5/24

Right Out: 3.862 $\pm$ 0.327 χ^2 /NDF: 272.8/25

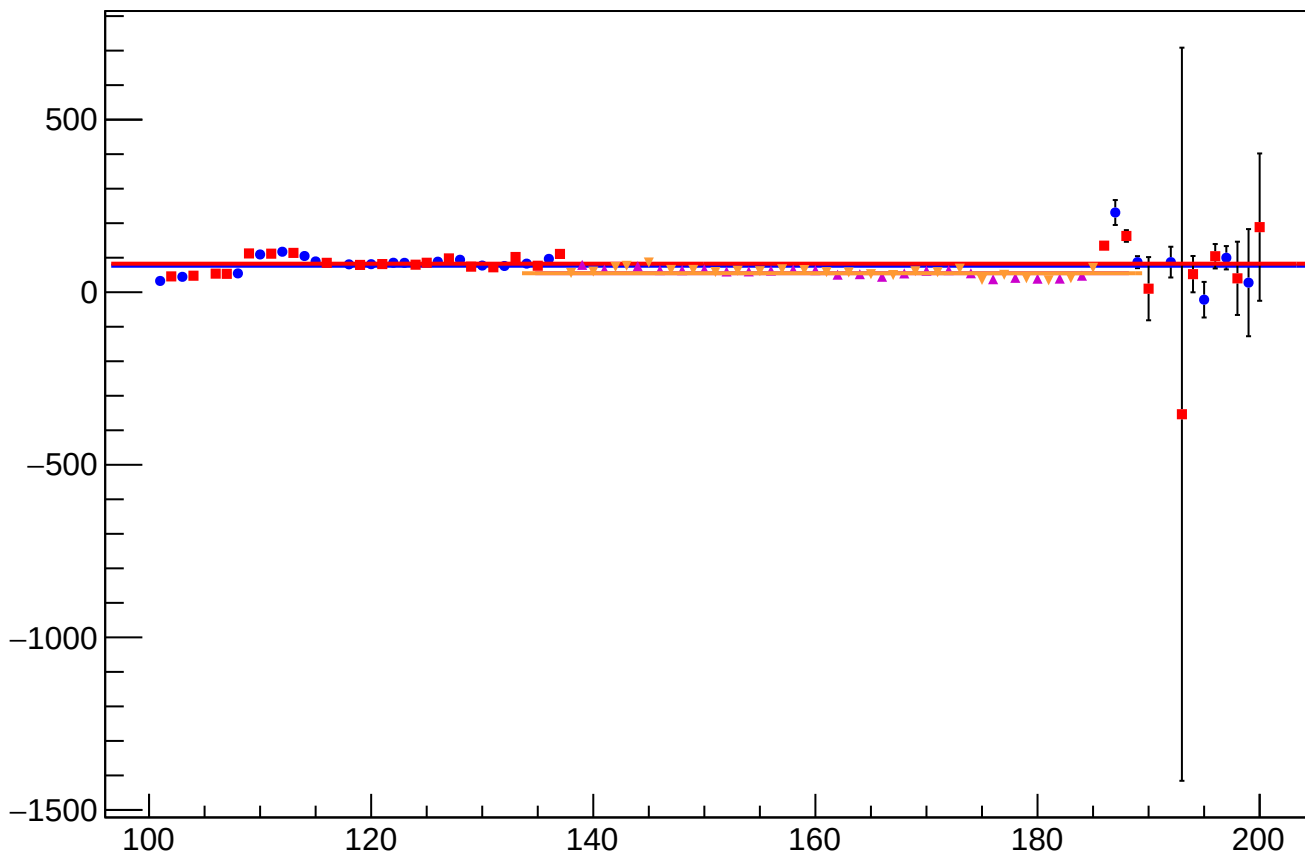
Left In: -0.773 $\pm$ 0.150 χ^2 /NDF:1111.4/22

+ sign -0.068 $\pm$ 0.133 χ^2 /NDF: 1685.1/47

All: -0.019 $\pm$ 0.095 χ^2 /NDF: 3235.5/96

- sign 0.034 $\pm$ 0.137 χ^2 /NDF: 1550.1/48

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.733 $\pm$ 0.573 χ^2 /NDF: 2287.9/22

Left Out: 55.008 $\pm$ 0.192 χ^2 /NDF: 4502.1/24

Right Out: 82.669 $\pm$ 0.591 χ^2 /NDF: 1622.4/25

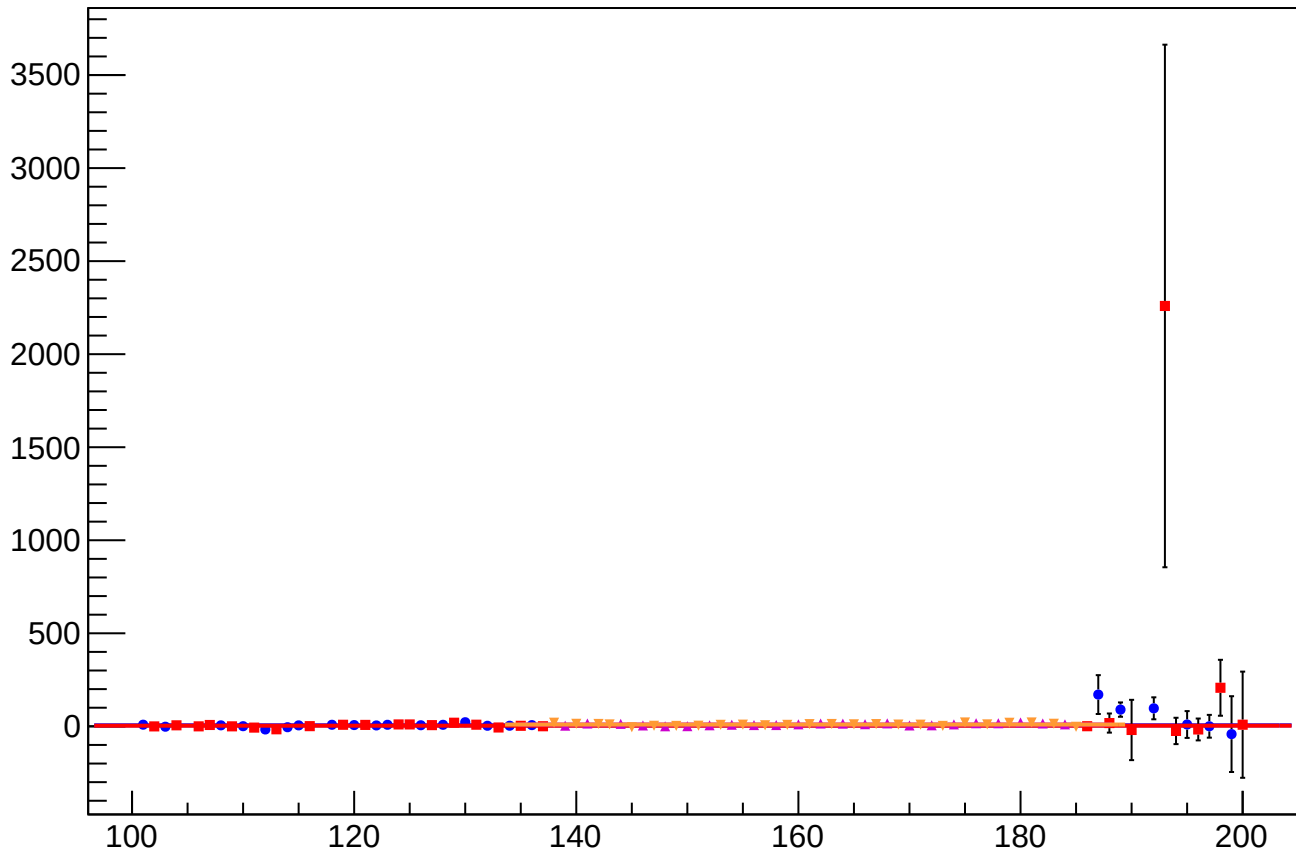
Left In: 55.252 $\pm$ 0.193 χ^2 /NDF: 3786.2/22

+ sign 57.200 $\pm$ 0.182 χ^2 /NDF: 8082.2/47

All: 57.544 $\pm$ 0.129 χ^2 /NDF: 15444.0/96

- sign 57.894 $\pm$ 0.183 χ^2 /NDF: 7354.6/48

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.452 ± 0.357 χ^2/NDF : 395.7/22

Left Out: 9.691 ± 0.168 χ^2/NDF : 1440.3/24

Right Out: 3.423 ± 0.376 χ^2/NDF : 427.7/25

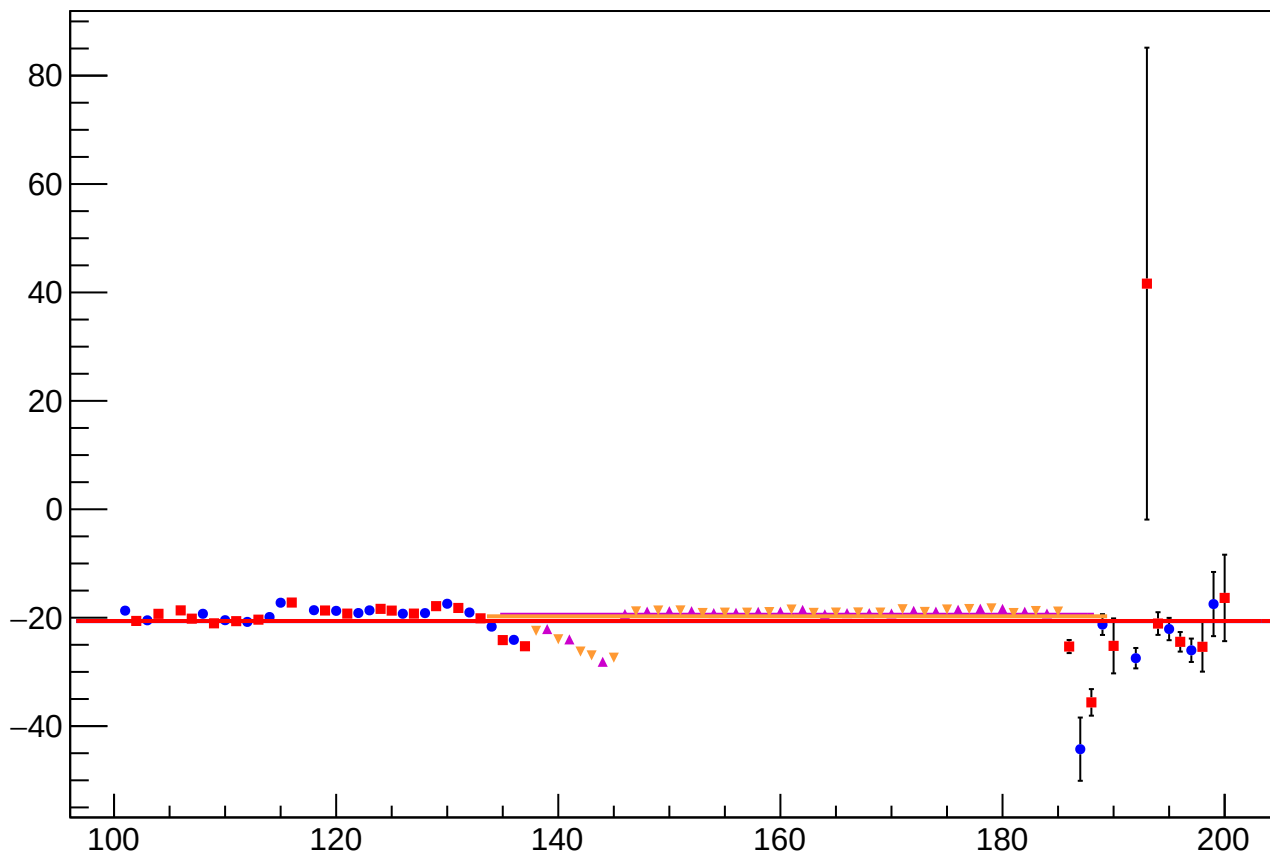
Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

+ sign 8.922 ± 0.152 χ^2/NDF : 1951.1/47

All: 8.777 ± 0.109 χ^2/NDF : 3810.4/96

- sign 8.625 ± 0.156 χ^2/NDF : 1857.5/48

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.633 ± 0.019 χ^2/NDF : 12567.5/22

Left Out: -19.746 ± 0.008 χ^2/NDF : 88374.4/24

Right Out: -20.608 ± 0.019 χ^2/NDF : 11962.0/25

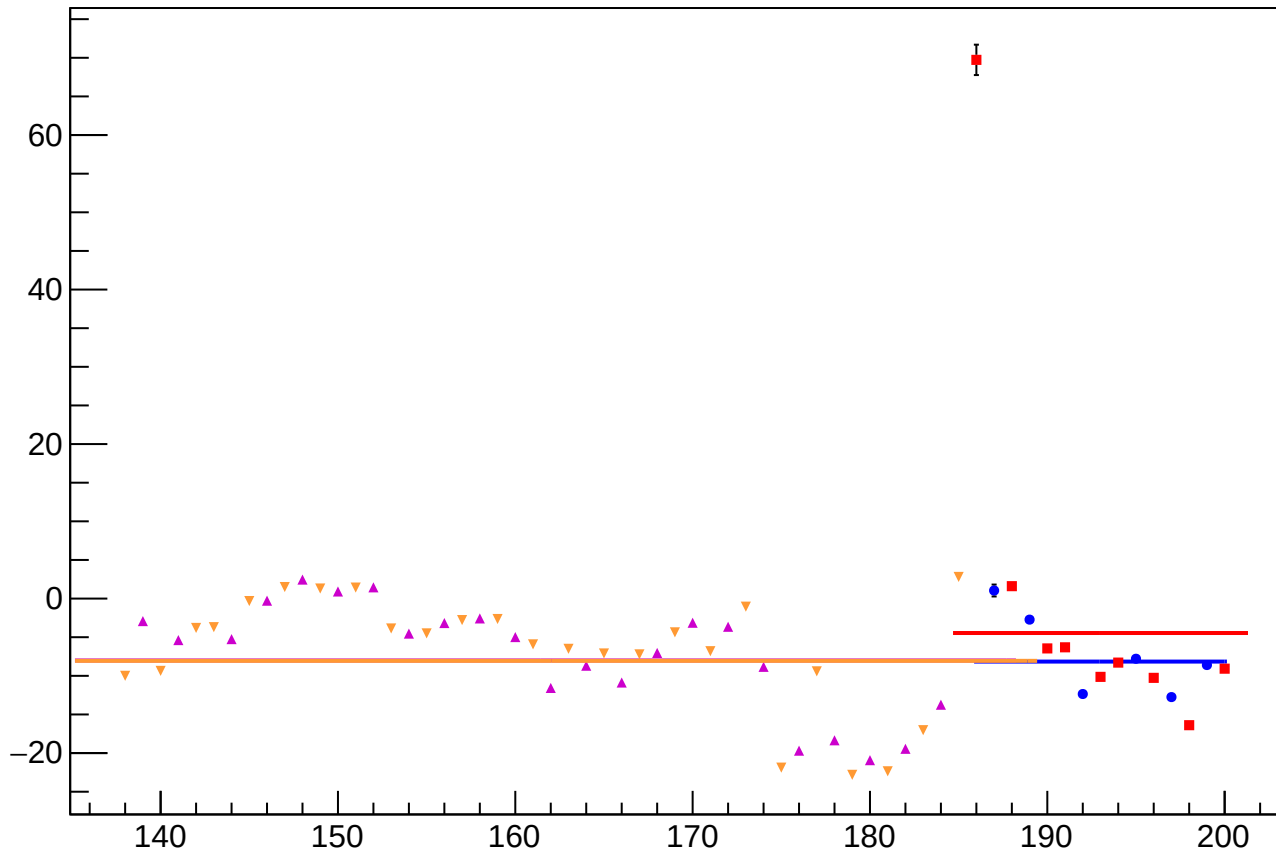
Left In: -19.457 ± 0.008 χ^2/NDF : 53995.4/22

+ sign -19.874 ± 0.007 χ^2/NDF : 102752.8/47

All: -19.748 ± 0.005 χ^2/NDF : 172305.3/96

- sign -19.621 ± 0.007 χ^2/NDF : 68957.1/48

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -8.155 ± 0.177 χ^2/NDF : 578.0/5

Left Out: -8.058 ± 0.070 χ^2/NDF : 12532.2/24

Right Out: -4.457 ± 0.122 χ^2/NDF : 3824.7/8

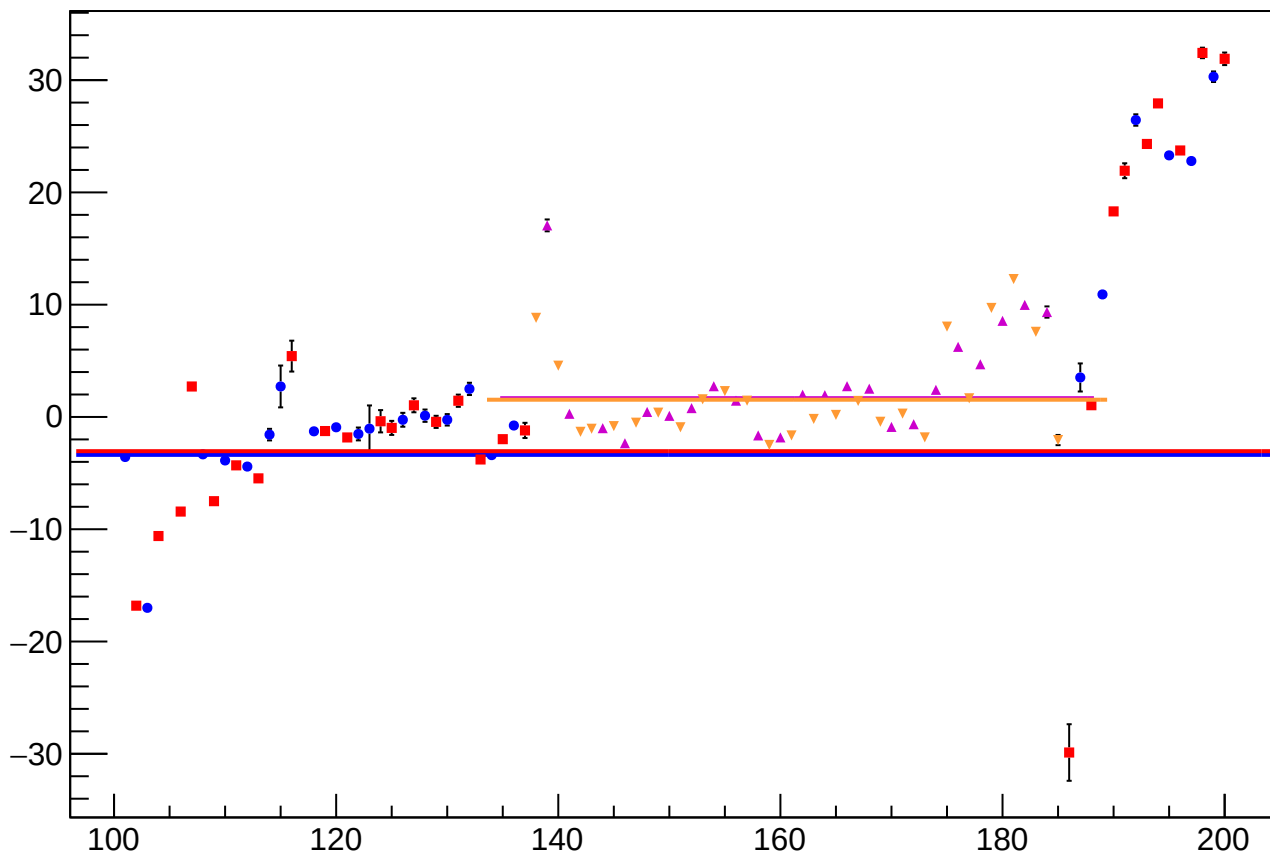
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ sign -8.072 ± 0.065 χ^2/NDF : 13110.5/30

All: -7.556 ± 0.045 χ^2/NDF : 28318.5/62

- sign -7.099 ± 0.062 χ^2/NDF : 15090.9/31

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -3.376 ± 0.053 $\chi^2/\text{NDF}: 29007.6/22$

Left Out: 1.535 ± 0.055 $\chi^2/\text{NDF}: 4816.7/24$

Right Out: -3.047 ± 0.055 $\chi^2/\text{NDF}: 43883.1/26$

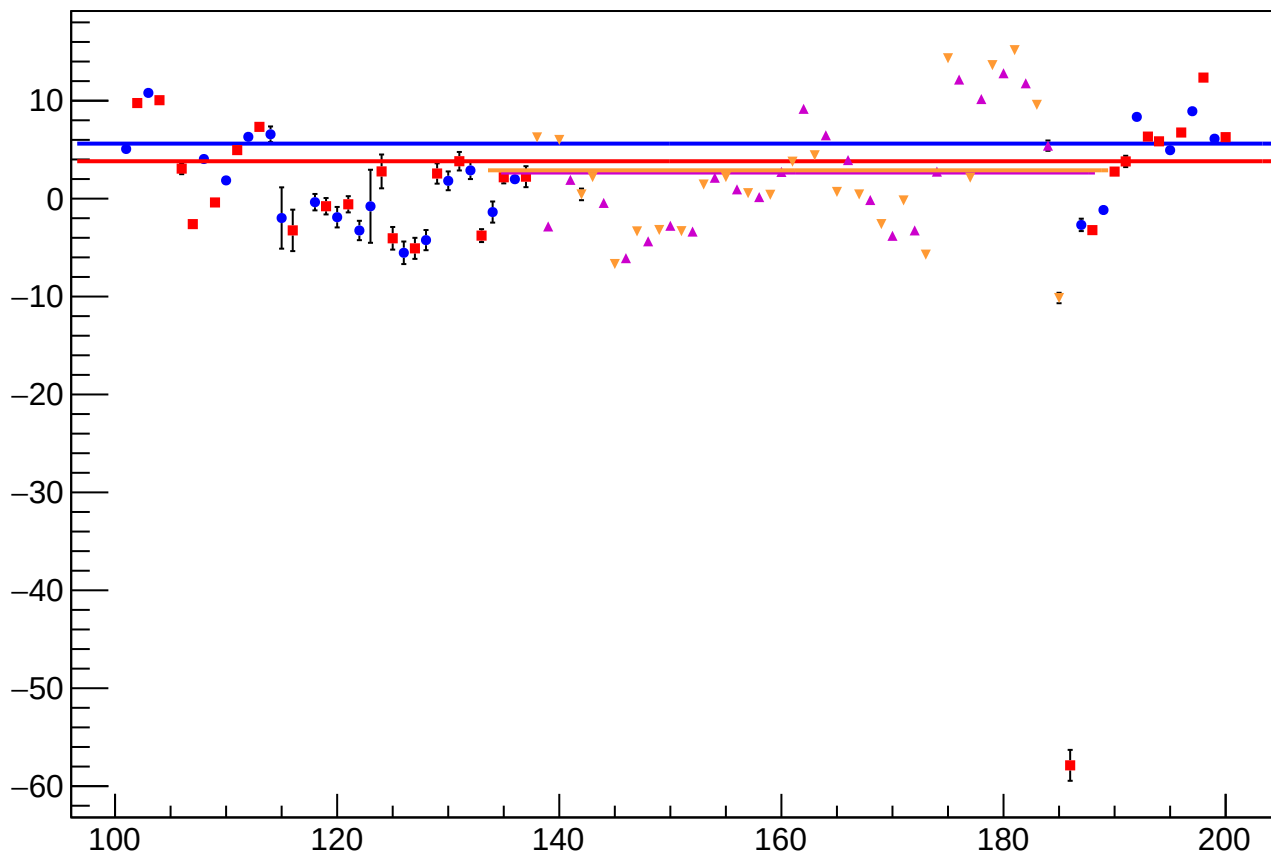
Left In: 1.673 ± 0.056 $\chi^2/\text{NDF}: 4106.3/22$

+ sign -1.005 ± 0.038 $\chi^2/\text{NDF}: 38024.7/47$

All: -0.875 ± 0.027 $\chi^2/\text{NDF}: 89607.6/97$

- sign -0.733 ± 0.040 $\chi^2/\text{NDF}: 51558.0/49$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.618 $\pm$ 0.077 χ^2 /NDF: 2167.5/22

Left Out: 2.891 $\pm$ 0.070 χ^2 /NDF:8889.4/24

Right Out: 3.818 $\pm$ 0.071 χ^2 /NDF: 7301.8/26

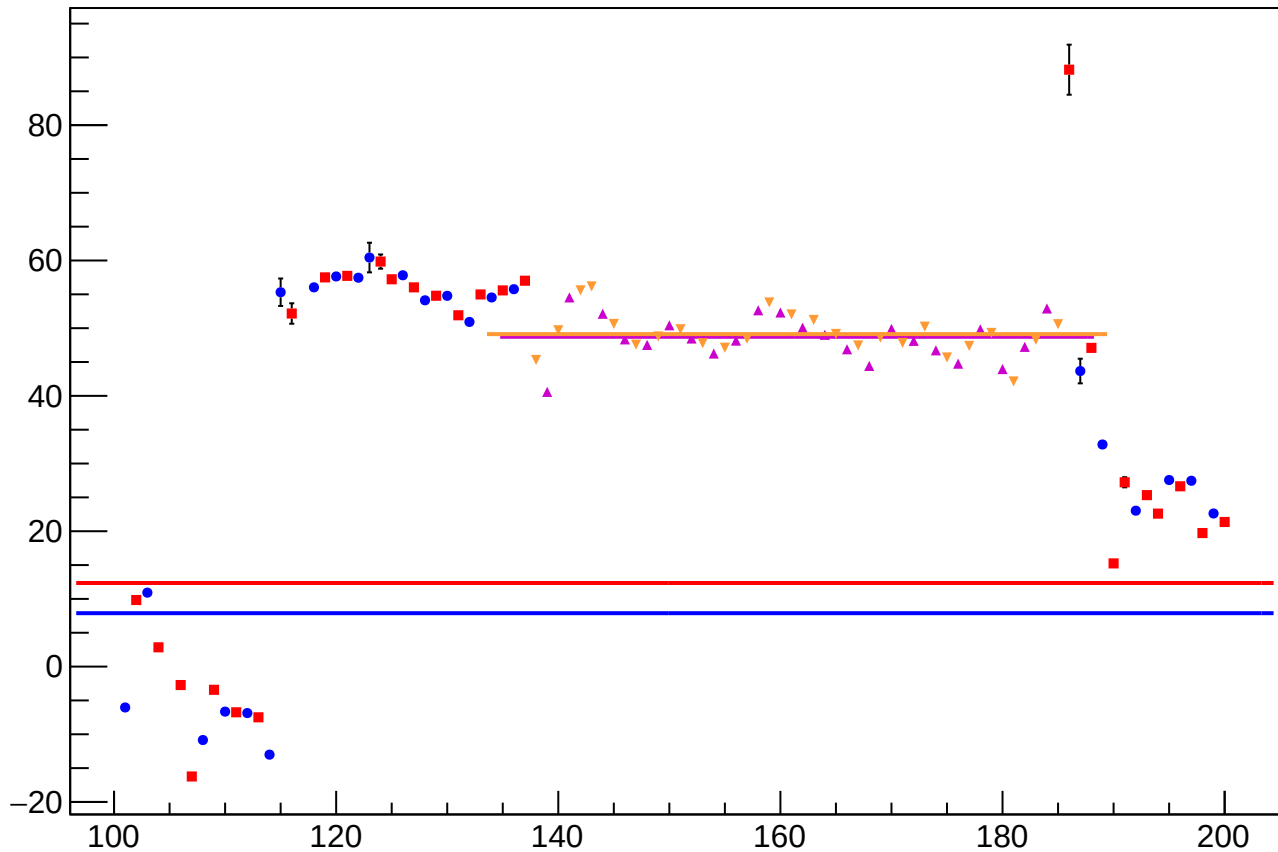
Left In: 2.663 $\pm$ 0.071 χ^2 /NDF:7308.8/22

+ sign 4.125 $\pm$ 0.052 χ^2 /NDF: 11735.9/47

All: 3.667 $\pm$ 0.036 χ^2 /NDF: 26628.1/97

- sign 3.244 $\pm$ 0.050 χ^2 /NDF: 14743.4/49

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 7.890 $\pm$ 0.062 χ^2 /NDF: 130886.6/22

Left Out: 49.121 $\pm$ 0.062 χ^2 /NDF: 2165.4/24

Right Out: 12.351 $\pm$ 0.066 χ^2 /NDF: 133745.1/26

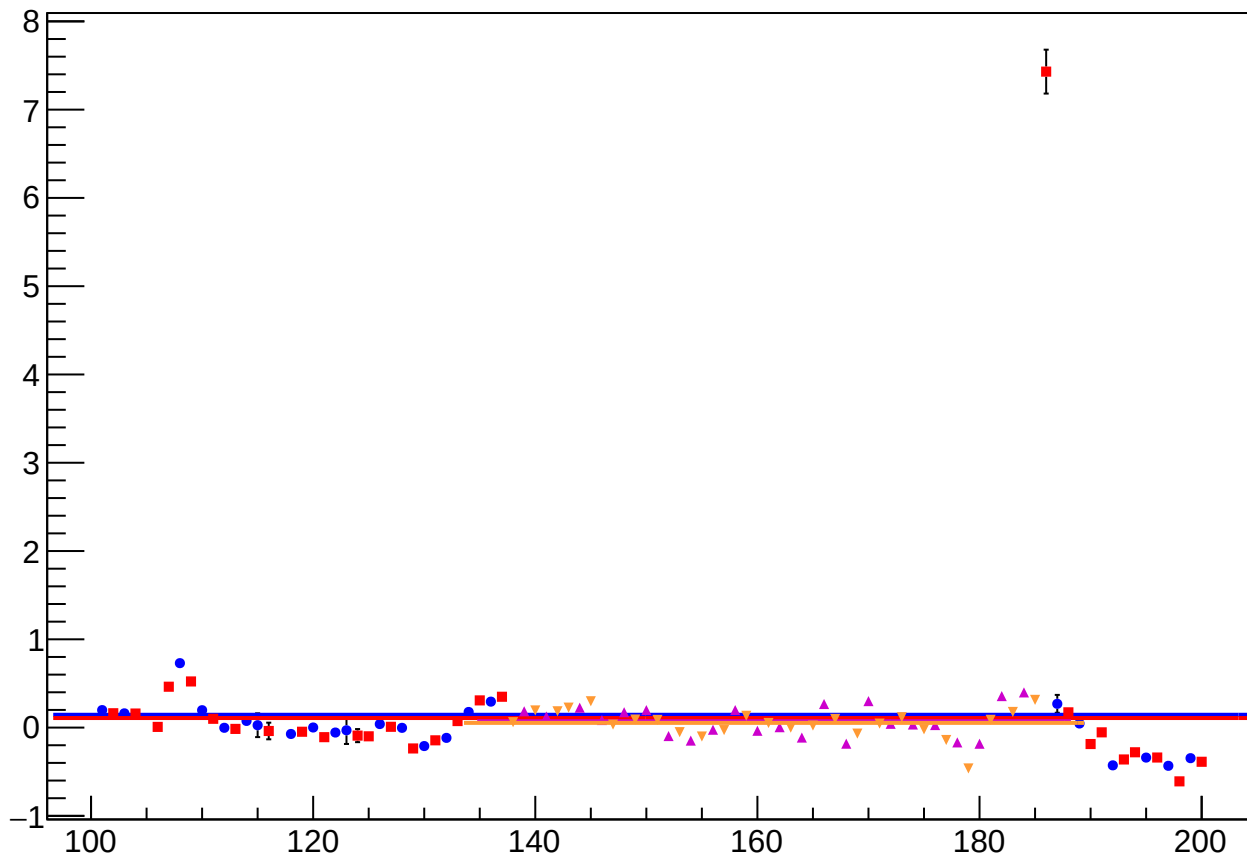
Left In: 48.731 $\pm$ 0.064 χ^2 /NDF: 2117.7/22

+ sign 28.661 $\pm$ 0.044 χ^2 /NDF: 353354.9/47

All: 29.891 $\pm$ 0.032 χ^2 /NDF: 648495.0/97

- sign 31.227 $\pm$ 0.046 χ^2 /NDF: 293503.9/49

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.145 ± 0.003 $\chi^2/\text{NDF}: 9348.9/22$

Left Out: 0.053 ± 0.003 $\chi^2/\text{NDF}: 2369.3/24$

Right Out: 0.108 ± 0.002 $\chi^2/\text{NDF}: 10154.0/26$

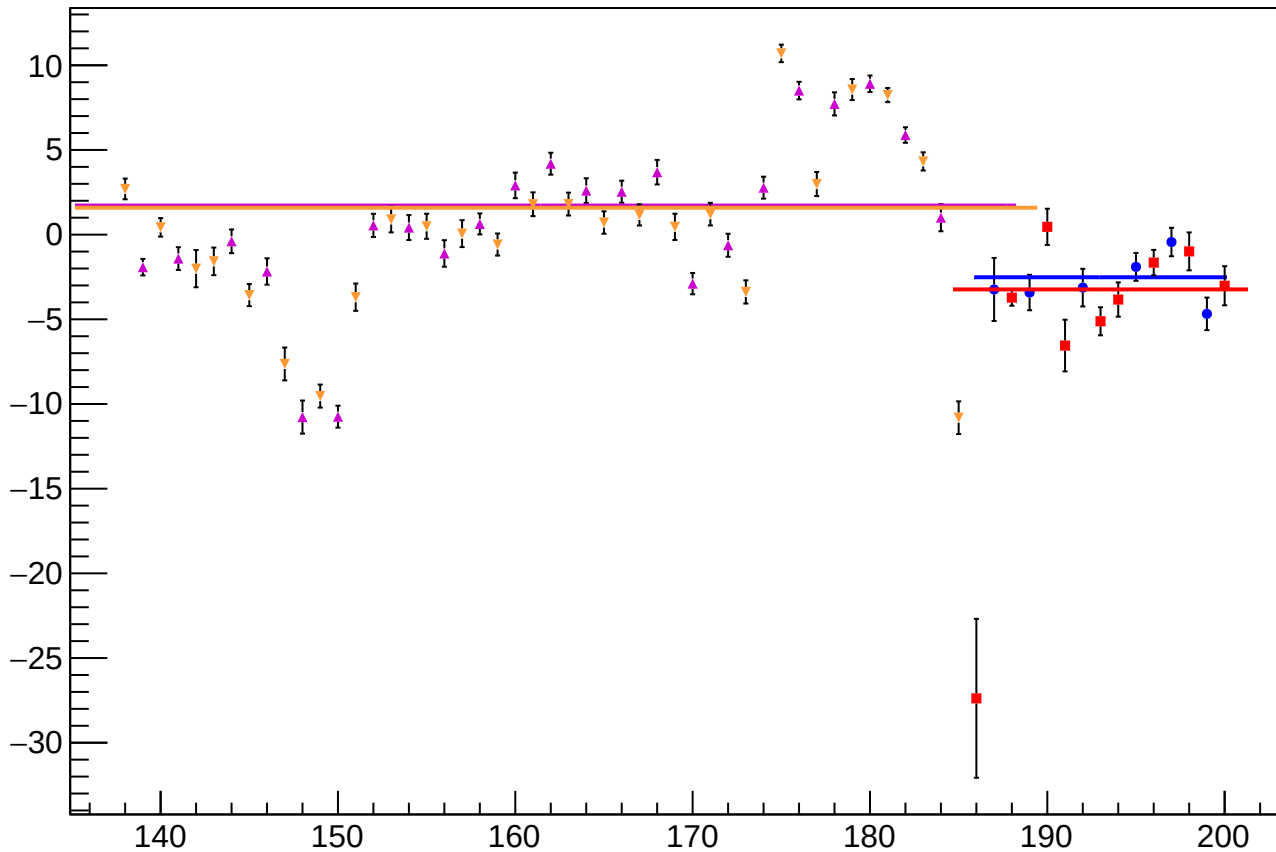
Left In: 0.072 ± 0.003 $\chi^2/\text{NDF}: 3272.0/22$

+ sign 0.103 ± 0.002 $\chi^2/\text{NDF}: 12291.2/47$

All: 0.098 ± 0.001 $\chi^2/\text{NDF}: 25826.1/97$

- sign 0.092 ± 0.002 $\chi^2/\text{NDF}: 13518.1/49$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -2.517 ± 0.409 χ^2/NDF : 12.9/5

Left Out: 1.590 ± 0.133 χ^2/NDF : 1457.4/24

Right Out: -3.234 ± 0.295 χ^2/NDF : 58.2/8

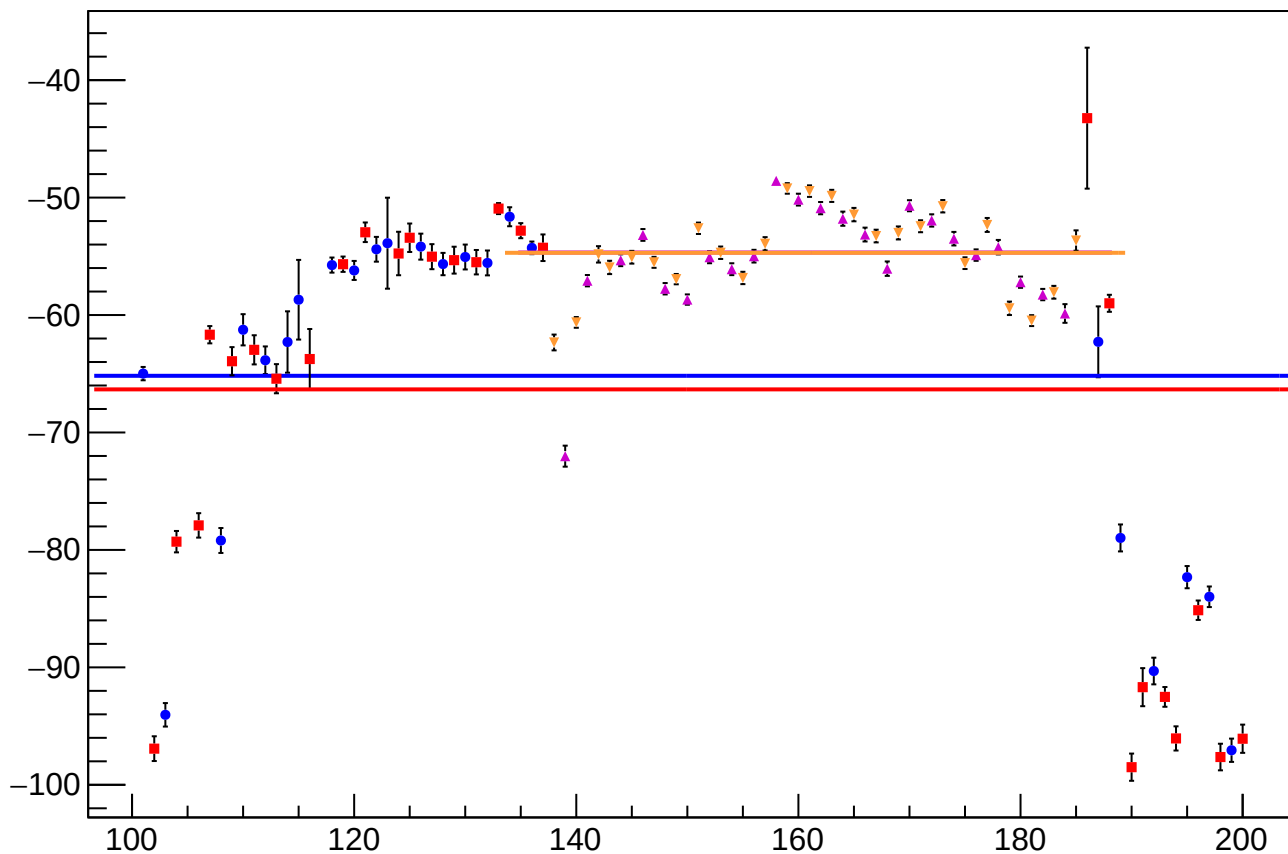
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.197 ± 0.126 χ^2/NDF : 1561.7/30

All: 1.026 ± 0.088 χ^2/NDF : 3170.3/62

- sign 0.866 ± 0.122 χ^2/NDF : 1605.1/31

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -65.174 ± 0.199 $\chi^2/\text{NDF}: 4995.9/22$

Left Out: -54.701 ± 0.106 $\chi^2/\text{NDF}: 1124.5/24$

Right Out: -66.331 ± 0.181 $\chi^2/\text{NDF}: 8675.8/26$

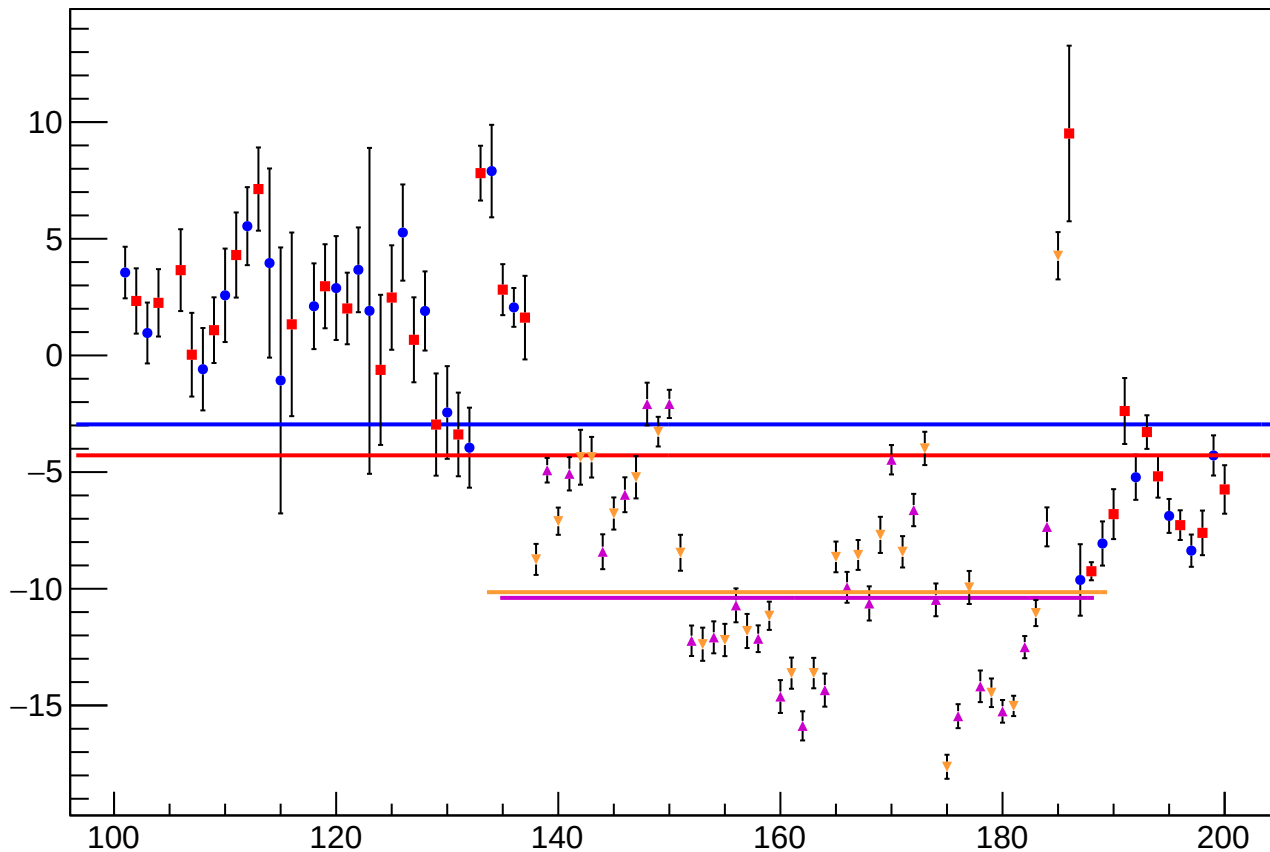
Left In: -54.677 ± 0.109 $\chi^2/\text{NDF}: 1140.6/22$

+ sign -57.011 ± 0.094 $\chi^2/\text{NDF}: 8274.3/47$

All: -57.401 ± 0.066 $\chi^2/\text{NDF}: 21155.8/97$

- sign -57.793 ± 0.094 $\chi^2/\text{NDF}: 12846.6/49$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -2.955 ± 0.267 χ^2/NDF : 347.4/22

Left Out: -10.146 ± 0.133 χ^2/NDF : 1051.2/24

Right Out: -4.282 ± 0.212 χ^2/NDF : 583.6/26

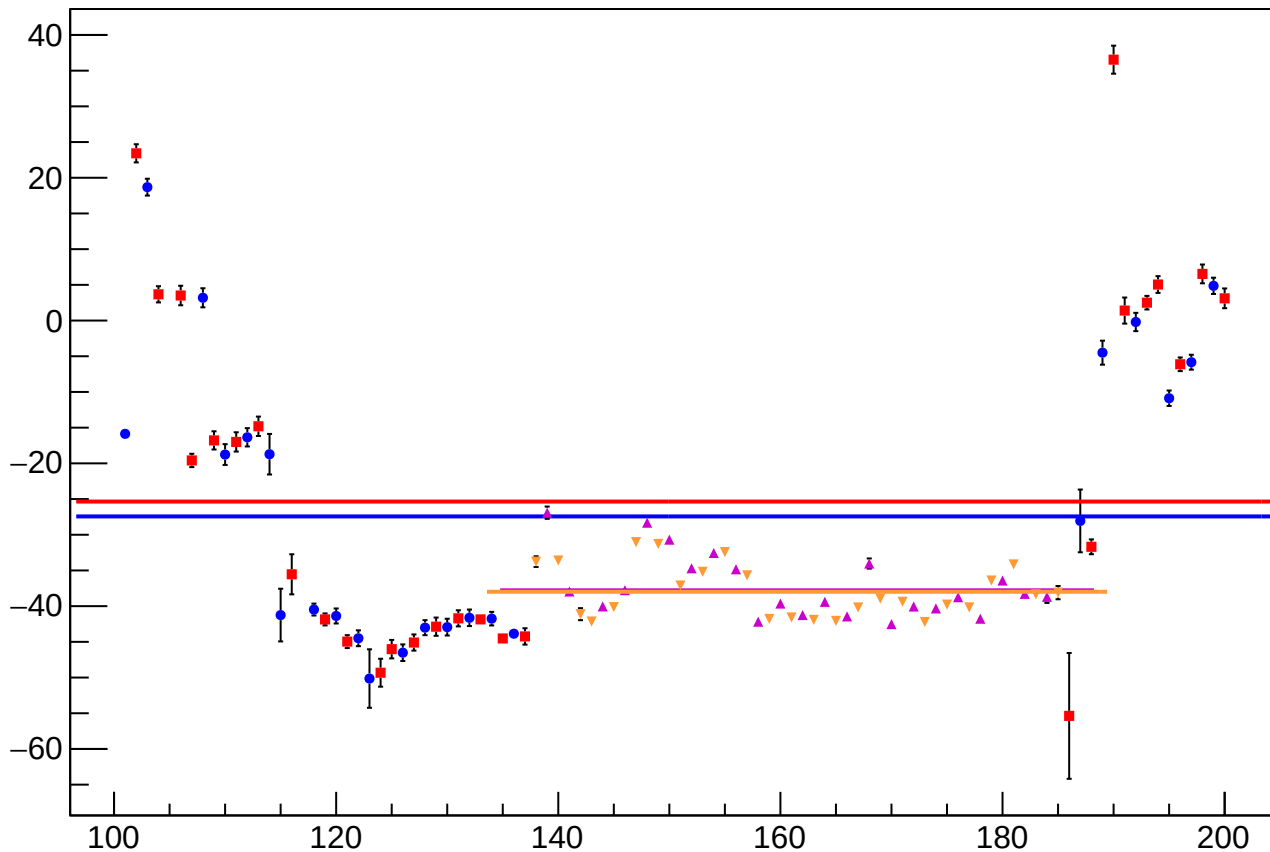
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ sign -8.712 ± 0.119 χ^2/NDF : 1980.9/47

All: -8.680 ± 0.082 χ^2/NDF : 4183.4/97

- sign -8.651 ± 0.113 χ^2/NDF : 2202.4/49

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -27.432 ± 0.229 χ^2/NDF : 7218.4/22

Left Out: -37.983 ± 0.119 χ^2/NDF : 936.9/24

Right Out: -25.350 ± 0.212 χ^2/NDF : 10879.5/26

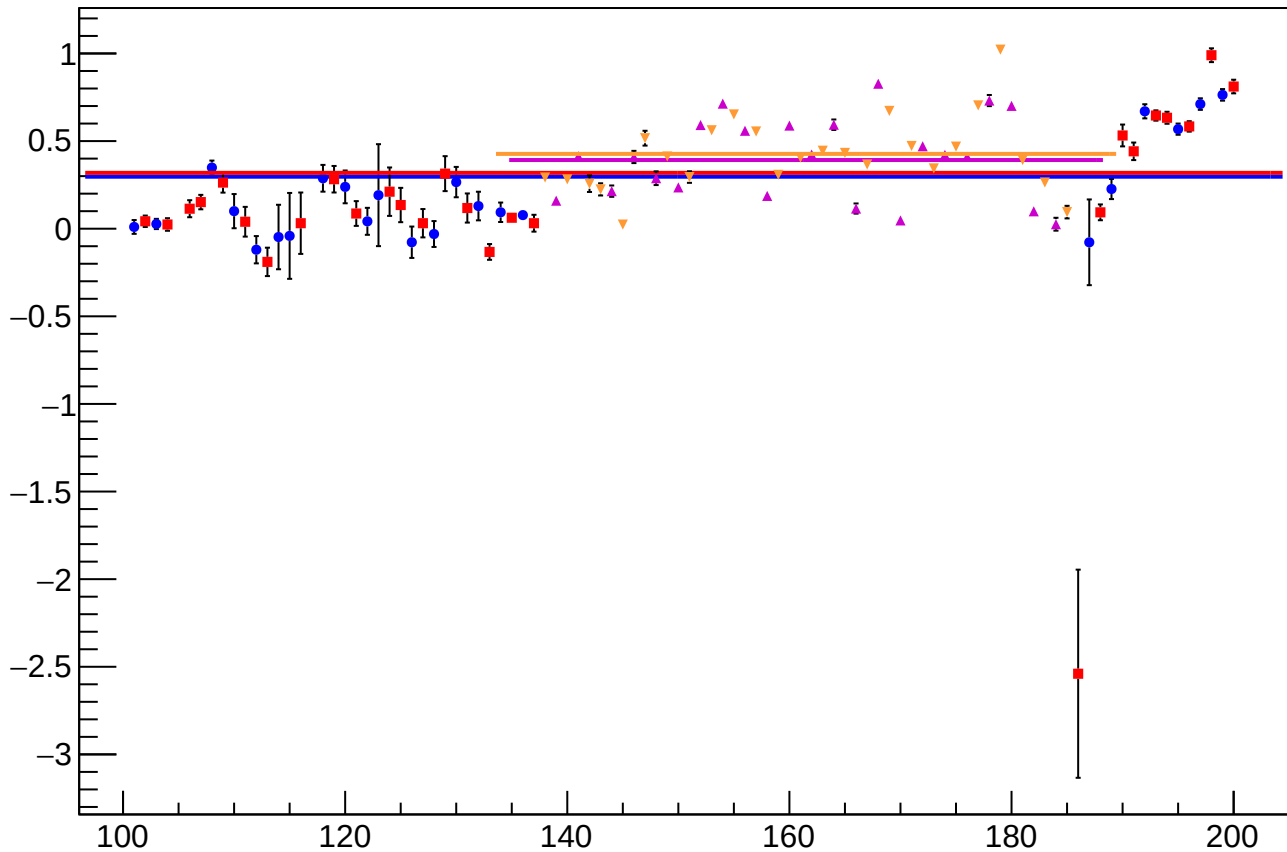
Left In: -37.784 ± 0.122 χ^2/NDF : 1079.7/22

+ sign -35.741 ± 0.106 χ^2/NDF : 9826.0/47

All: -35.220 ± 0.075 χ^2/NDF : 24415.8/97

- sign -34.699 ± 0.106 χ^2/NDF : 14541.1/49

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.297 $\pm$ 0.010 χ^2/NDF : 861.4/22

Left Out: 0.427 $\pm$ 0.005 χ^2/NDF : 1293.3/24

Right Out: 0.319 $\pm$ 0.009 χ^2/NDF : 1296.7/26

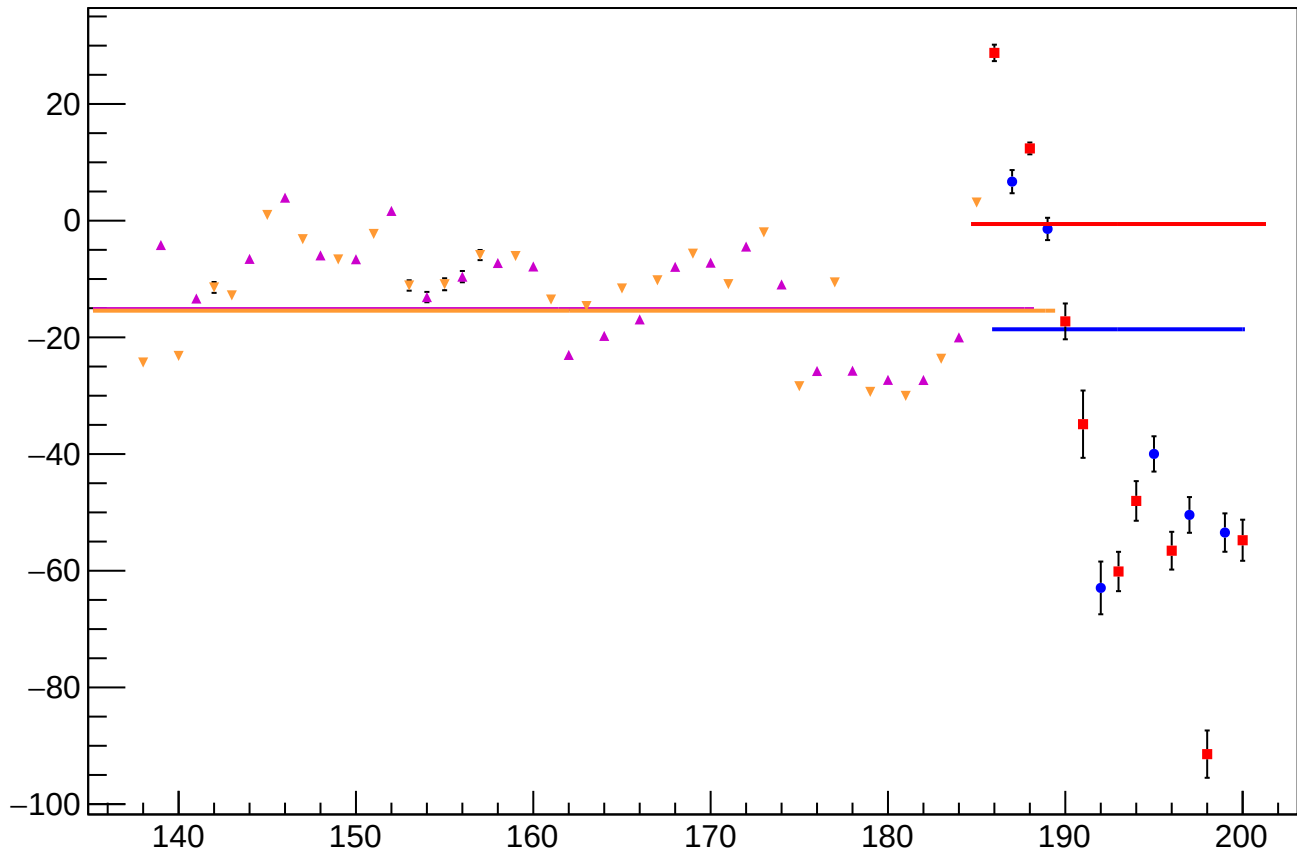
Left In: 0.392 $\pm$ 0.005 χ^2/NDF : 1835.6/22

+ sign 0.398 $\pm$ 0.005 χ^2/NDF : 2285.2/47

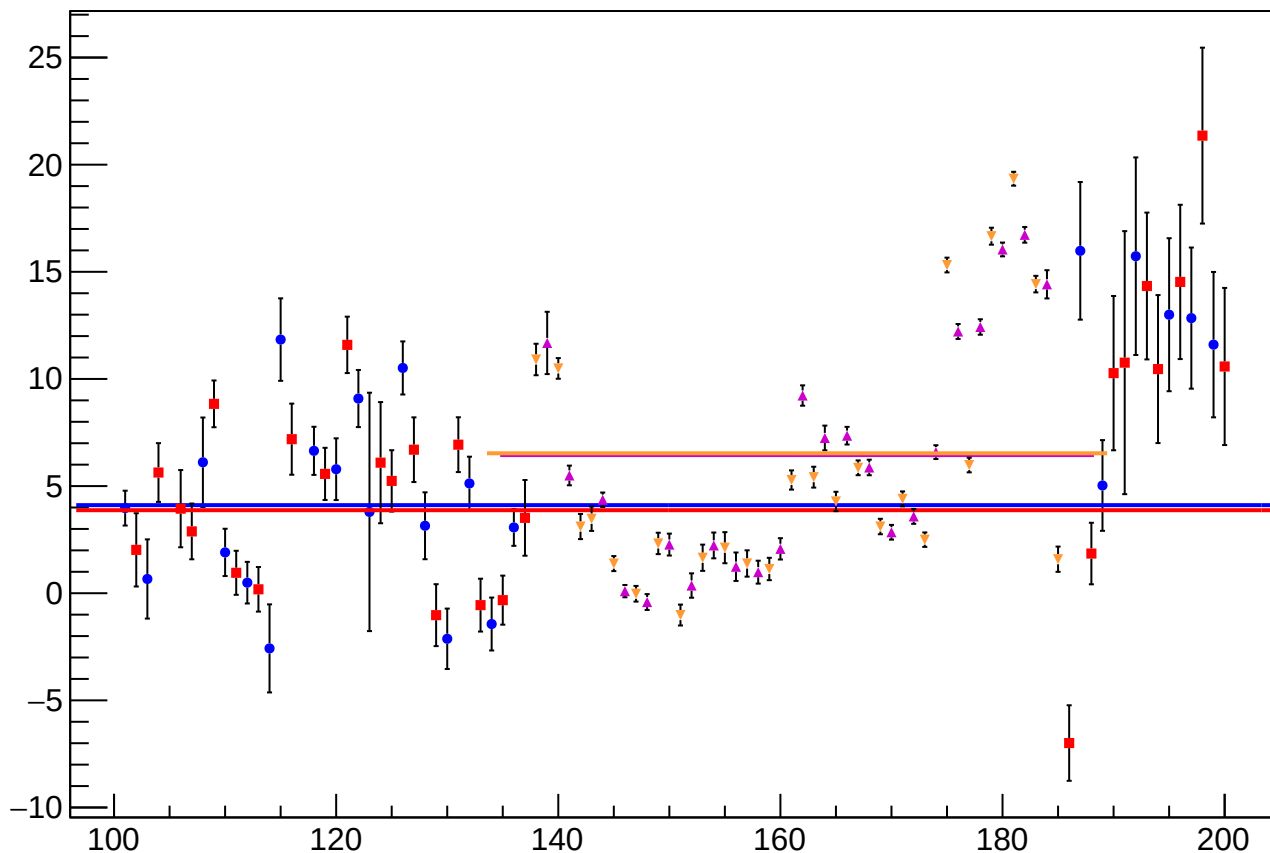
All: 0.385 $\pm$ 0.003 χ^2/NDF : 5480.1/97

- sign 0.373 $\pm$ 0.005 χ^2/NDF : 3180.6/49

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.110 ± 0.300 χ^2/NDF : 176.6/22

Left Out: 6.531 ± 0.086 χ^2/NDF : 4969.5/24

Right Out: 3.875 ± 0.298 χ^2/NDF : 221.3/26

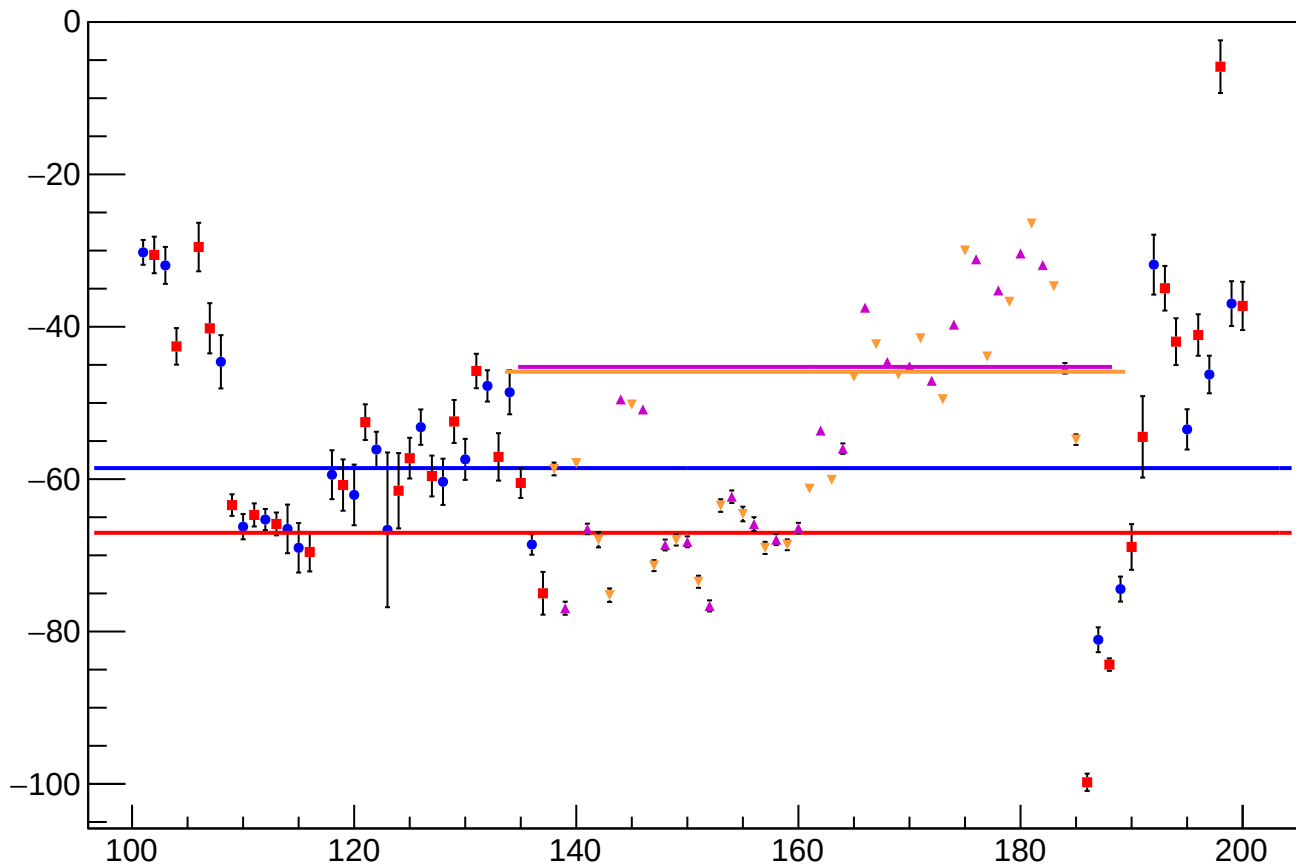
Left In: 6.448 ± 0.086 χ^2/NDF : 3955.6/22

+ sign 6.348 ± 0.082 χ^2/NDF : 5206.4/47

All: 6.300 ± 0.058 χ^2/NDF : 9453.0/97

- sign 6.251 ± 0.082 χ^2/NDF : 4245.9/49

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -58.549 ± 0.464 χ^2/NDF : 1015.7/22

Left Out: -45.897 ± 0.106 χ^2/NDF : 17133.8/24

Right Out: -67.043 ± 0.394 χ^2/NDF : 2729.0/26

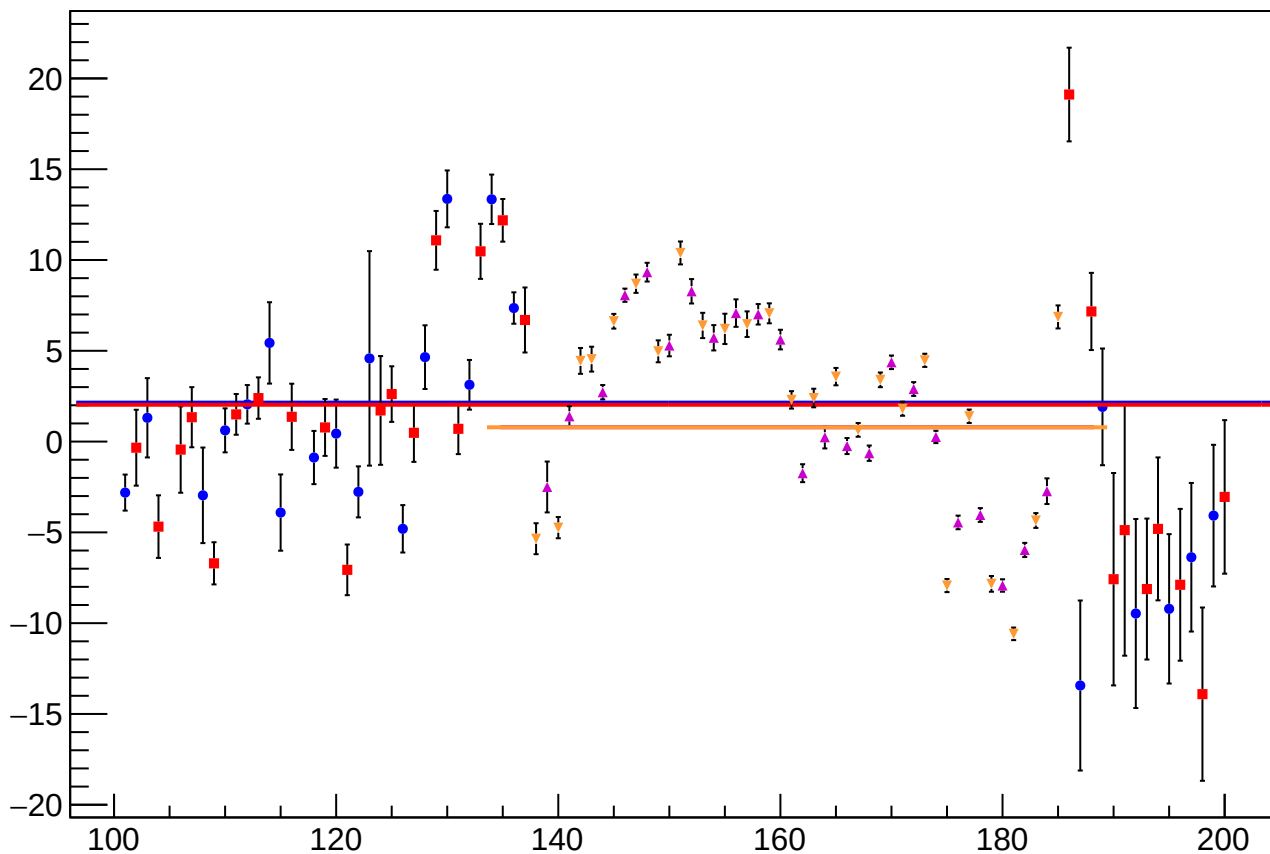
Left In: -45.268 ± 0.107 χ^2/NDF : 15775.7/22

+ sign -46.528 ± 0.104 χ^2/NDF : 18854.9/47

All: -46.643 ± 0.073 χ^2/NDF : 40204.5/97

- sign -46.756 ± 0.103 χ^2/NDF : 21347.2/49

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.144 ± 0.338 χ^2/NDF : 275.0/22

Left Out: 0.787 ± 0.096 χ^2/NDF : 3746.7/24

Right Out: 2.029 ± 0.340 χ^2/NDF : 345.2/26

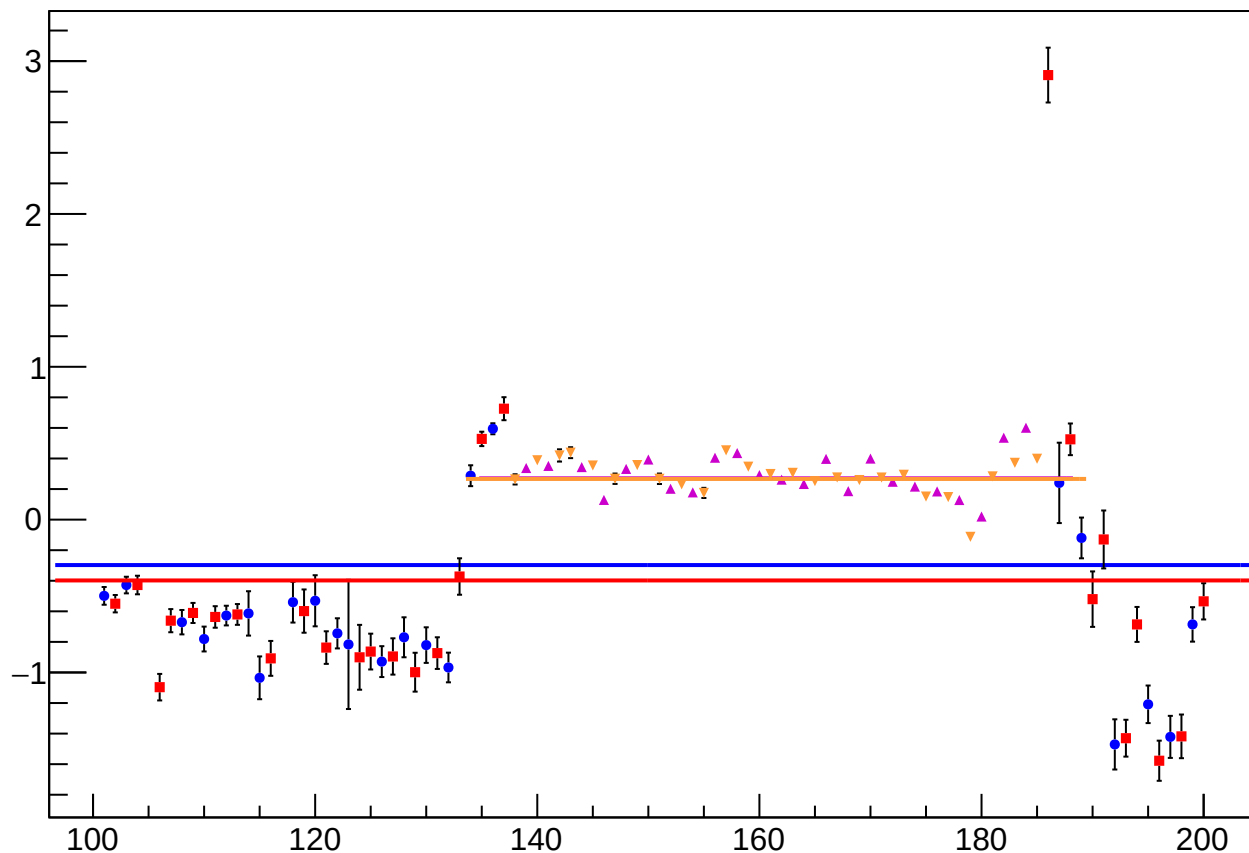
Left In: 0.791 ± 0.096 χ^2/NDF : 2697.7/22

+ sign 0.887 ± 0.092 χ^2/NDF : 4036.7/47

All: 0.885 ± 0.065 χ^2/NDF : 7091.8/97

- sign 0.883 ± 0.093 χ^2/NDF : 3055.1/49

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.297 ± 0.018 χ^2/NDF : 1160.0/22

Left Out: 0.266 ± 0.004 χ^2/NDF : 698.1/24

Right Out: -0.398 ± 0.017 χ^2/NDF : 1482.0/26

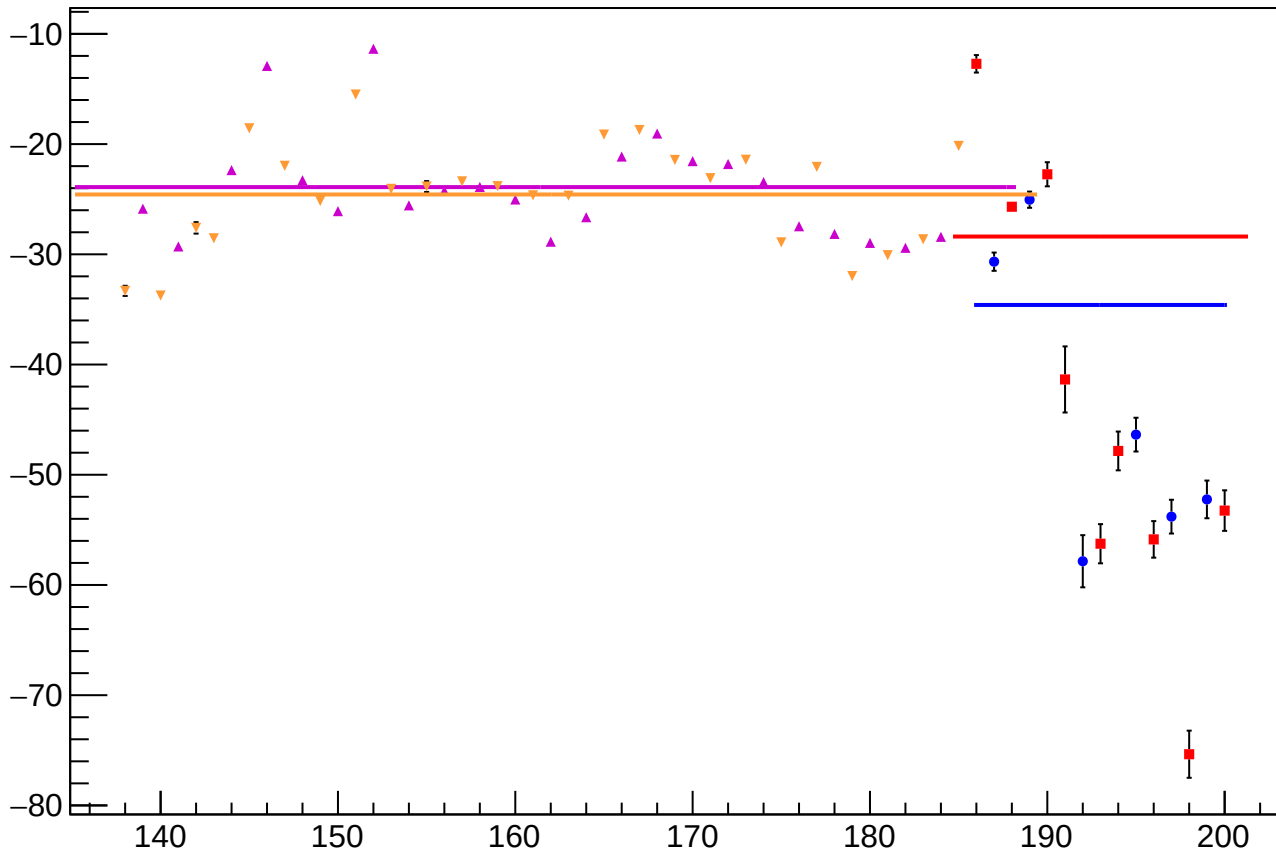
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ sign 0.235 ± 0.004 χ^2/NDF : 2791.8/47

All: 0.233 ± 0.003 χ^2/NDF : 6623.3/97

- sign 0.230 ± 0.004 χ^2/NDF : 3830.9/49

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -34.595 ± 0.462 χ^2/NDF : 610.5/5

Left Out: -24.571 ± 0.051 χ^2/NDF : 8610.0/24

Right Out: -28.387 ± 0.325 χ^2/NDF : 1782.5/8

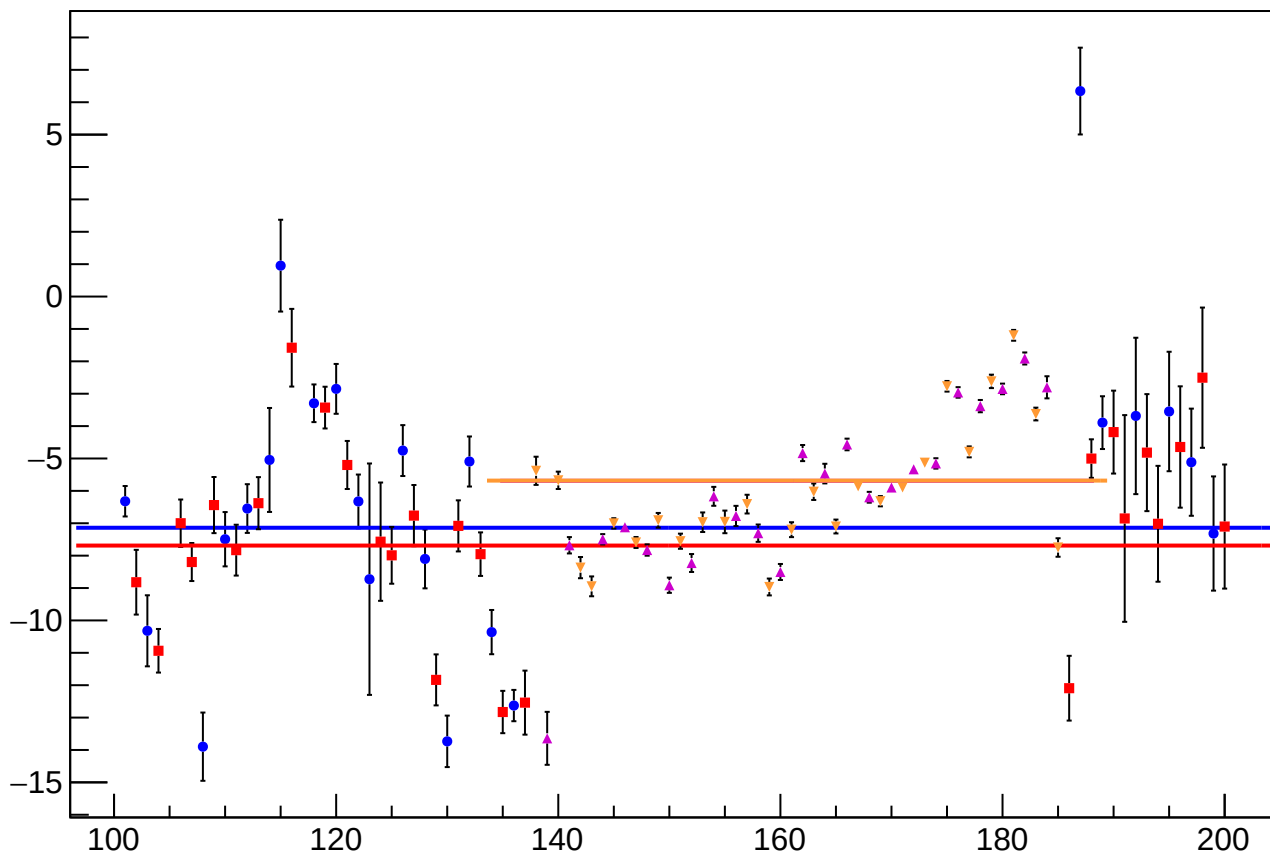
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign -24.692 ± 0.051 χ^2/NDF : 9685.3/30

All: -24.347 ± 0.036 χ^2/NDF : 20903.6/62

- sign -24.009 ± 0.050 χ^2/NDF : 11126.8/31

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.139 ± 0.176 $\chi^2/\text{NDF}: 525.6/22$

Left Out: -5.683 ± 0.041 $\chi^2/\text{NDF}: 2231.0/24$

Right Out: -7.689 ± 0.169 $\chi^2/\text{NDF}: 285.8/26$

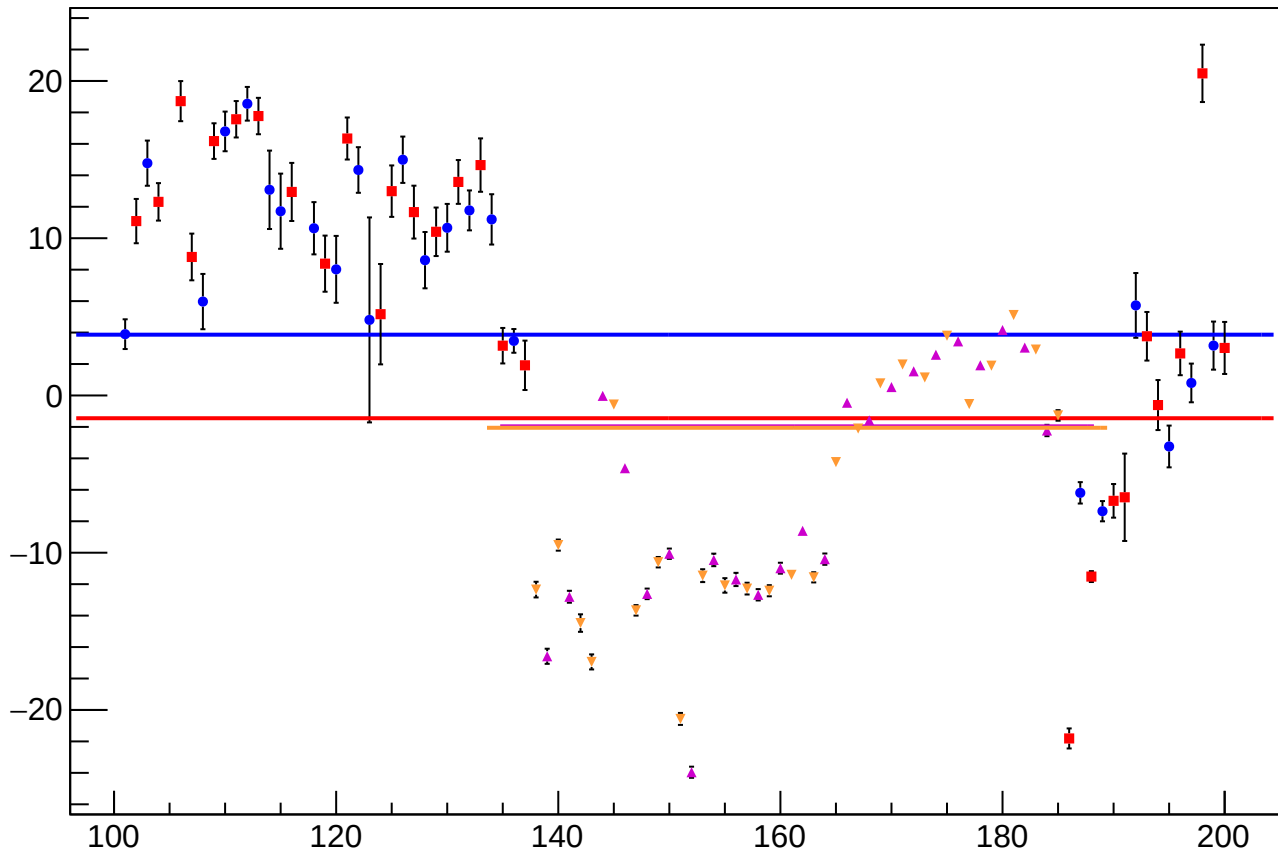
Left In: -5.690 ± 0.041 $\chi^2/\text{NDF}: 2328.2/22$

+ sign -5.758 ± 0.040 $\chi^2/\text{NDF}: 2821.3/47$

All: -5.779 ± 0.028 $\chi^2/\text{NDF}: 5567.5/97$

- sign -5.798 ± 0.039 $\chi^2/\text{NDF}: 2745.7/49$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 3.866 ± 0.256 $\chi^2/\text{NDF}: 1151.9/22$

Left Out: -2.055 ± 0.051 $\chi^2/\text{NDF}: 16042.5/24$

Right Out: -1.448 ± 0.209 $\chi^2/\text{NDF}: 4063.4/26$

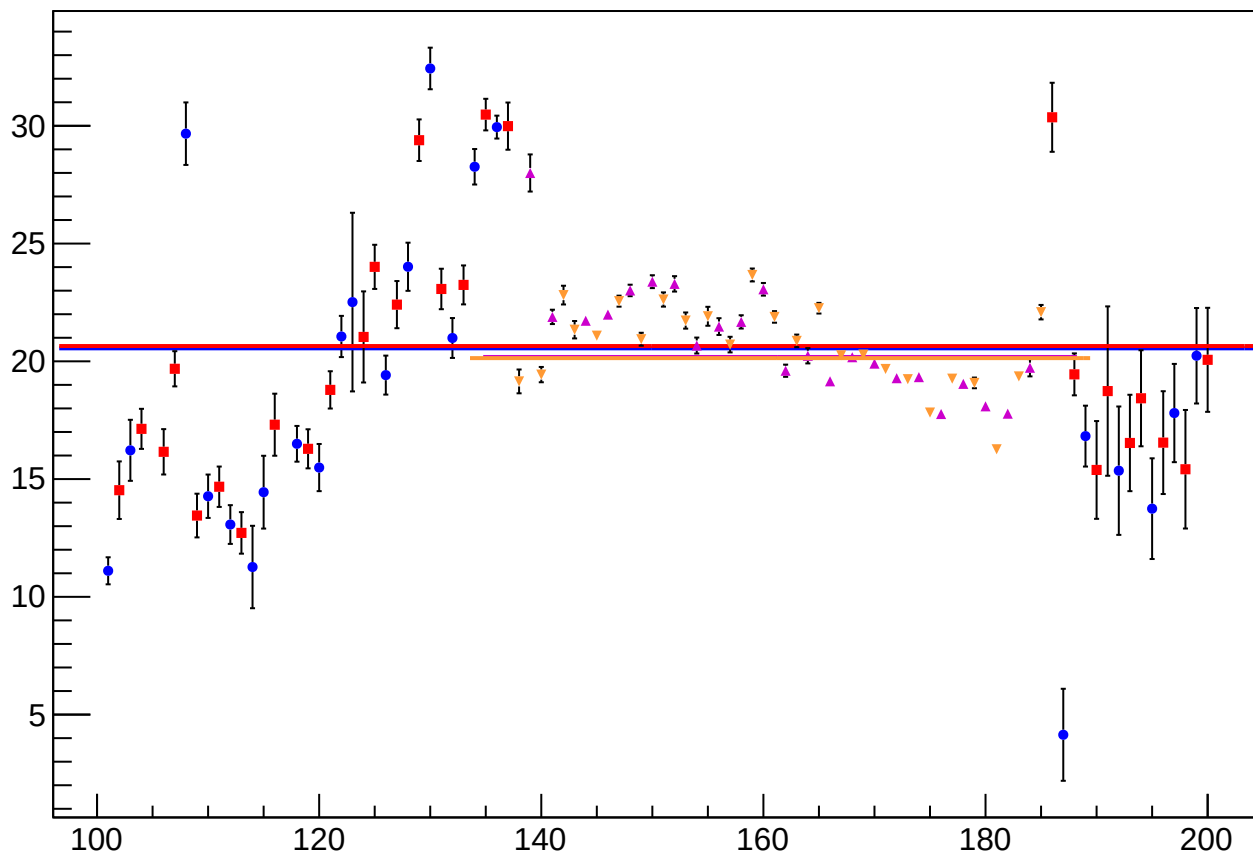
Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

+ sign -1.825 ± 0.050 $\chi^2/\text{NDF}: 17709.4/47$

All: -1.880 ± 0.035 $\chi^2/\text{NDF}: 37273.8/97$

- sign -1.934 ± 0.050 $\chi^2/\text{NDF}: 19562.0/49$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.552 $\pm$ 0.022 χ^2 /NDF: 1323.8/22

Left Out: 20.136 $\pm$ 0.046 χ^2 /NDF: 1414.2/24

Right Out: 20.649 $\pm$ 0.199 χ^2 /NDF: 794.1/26

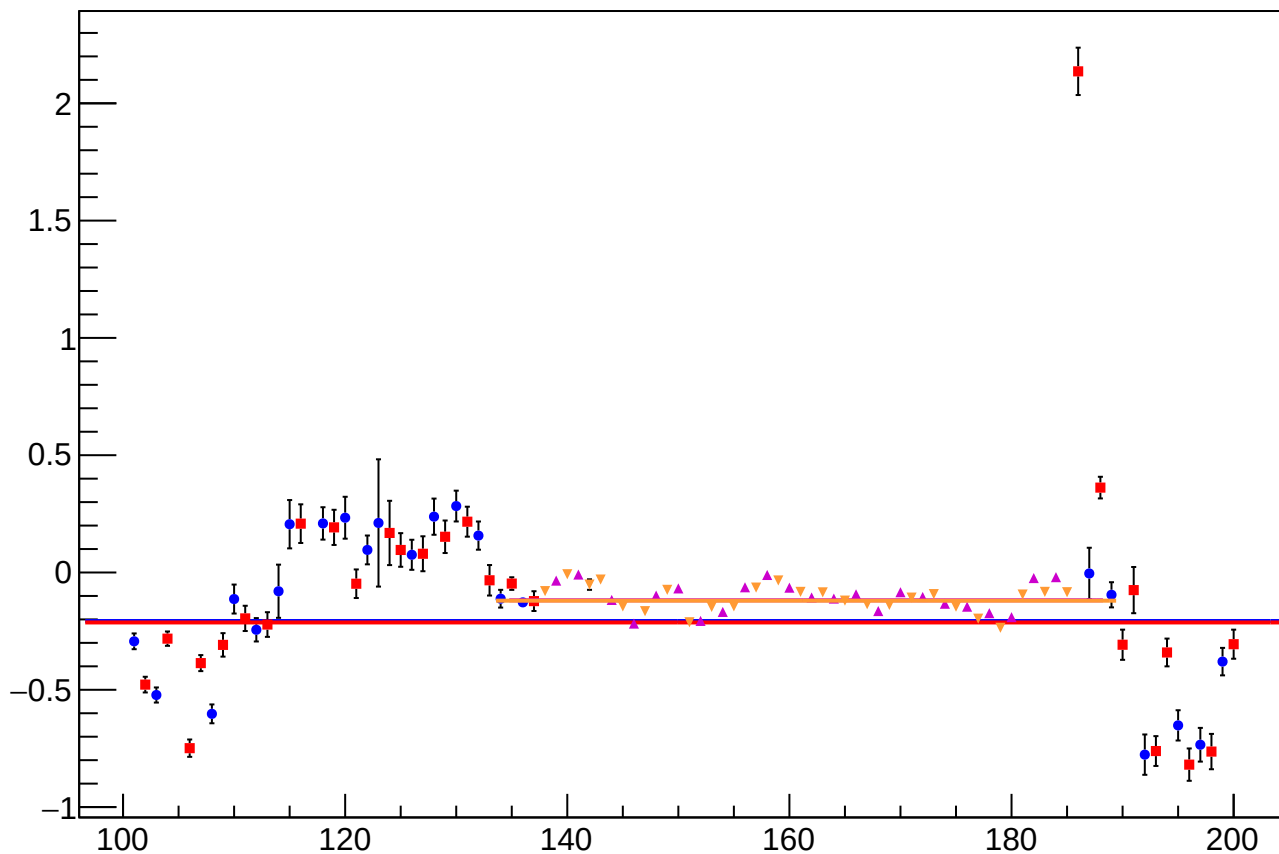
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.156 $\pm$ 0.045 χ^2 /NDF: 2742.0/47

All: 20.182 $\pm$ 0.032 χ^2 /NDF: 5012.6/97

- sign 20.207 $\pm$ 0.045 χ^2 /NDF: 2269.9/49

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.207 ± 0.010 χ^2/NDF : 635.8/22

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.213 ± 0.010 χ^2/NDF : 1448.1/26

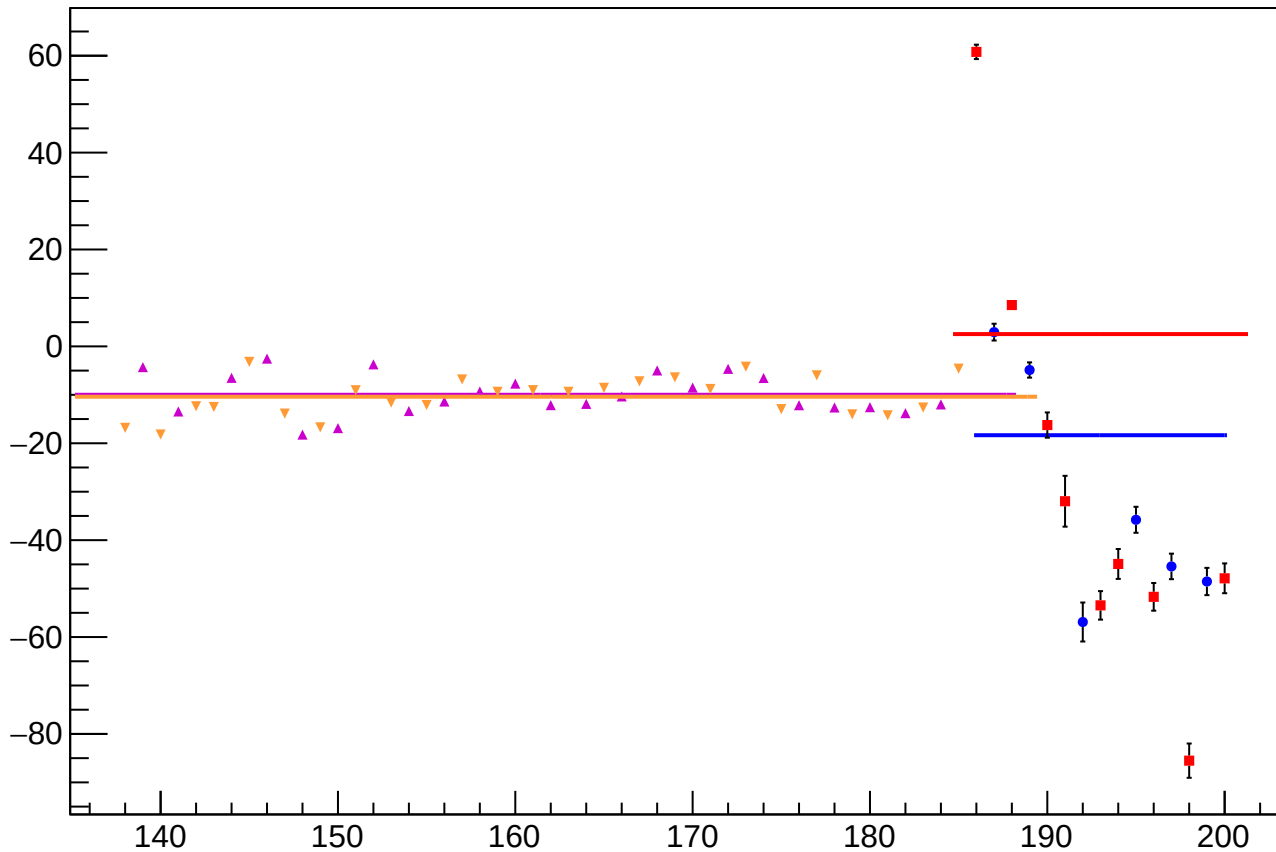
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.124 ± 0.002 χ^2/NDF : 1235.3/47

All: -0.123 ± 0.001 χ^2/NDF : 3499.9/97

- sign -0.123 ± 0.002 χ^2/NDF : 2264.4/49

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -18.337 ± 0.910 $\chi^2/\text{NDF}: 578.6/5$

Left Out: -10.392 ± 0.088 $\chi^2/\text{NDF}: 2112.5/24$

Right Out: 2.537 ± 0.630 $\chi^2/\text{NDF}: 3526.8/8$

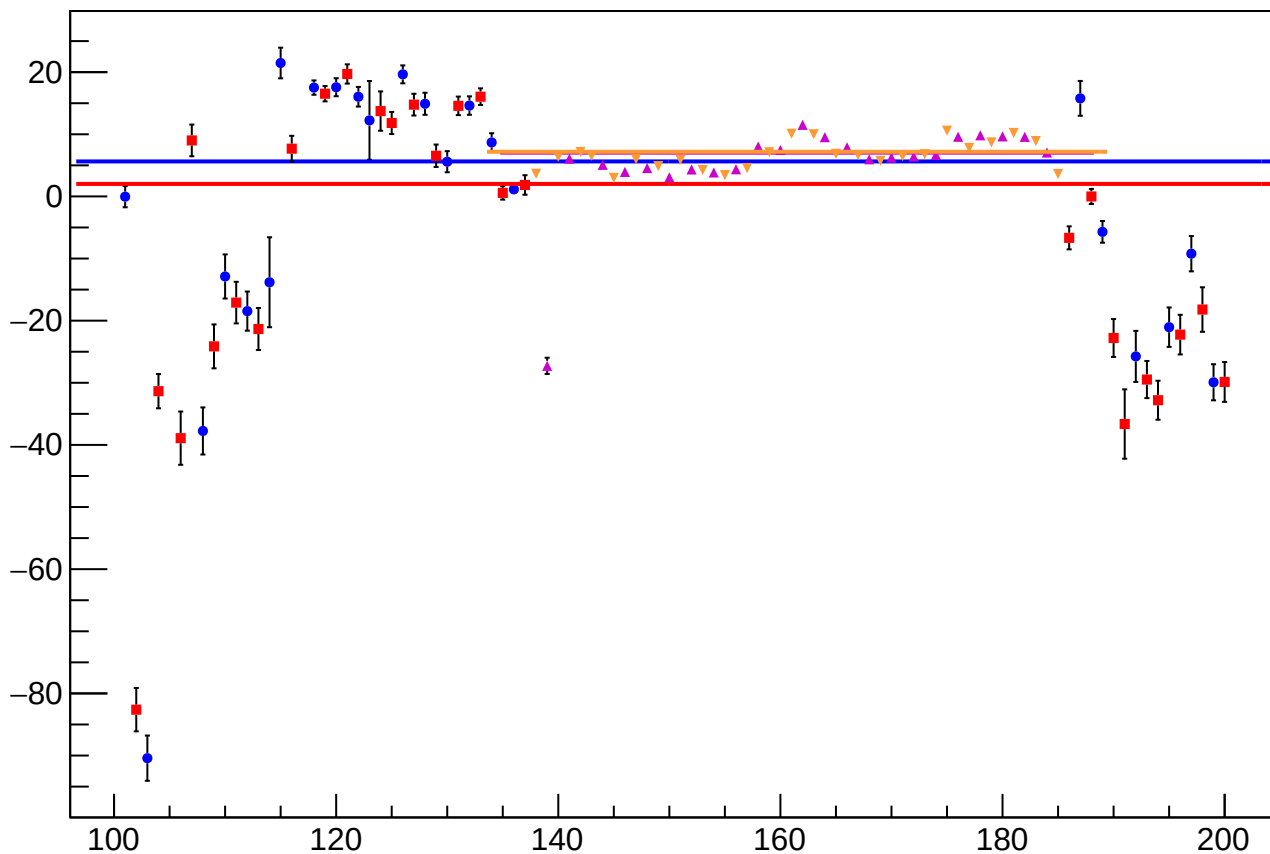
Left In: -9.990 ± 0.089 $\chi^2/\text{NDF}: 1794.2/22$

+ sign -10.465 ± 0.088 $\chi^2/\text{NDF}: 2766.5/30$

All: -10.108 ± 0.062 $\chi^2/\text{NDF}: 8508.8/62$

- sign -9.744 ± 0.088 $\chi^2/\text{NDF}: 5708.6/31$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 5.631 ± 0.377 χ^2/NDF : 1747.4/22

Left Out: 7.187 ± 0.074 χ^2/NDF : 916.3/24

Right Out: 2.012 ± 0.381 χ^2/NDF : 2093.5/26

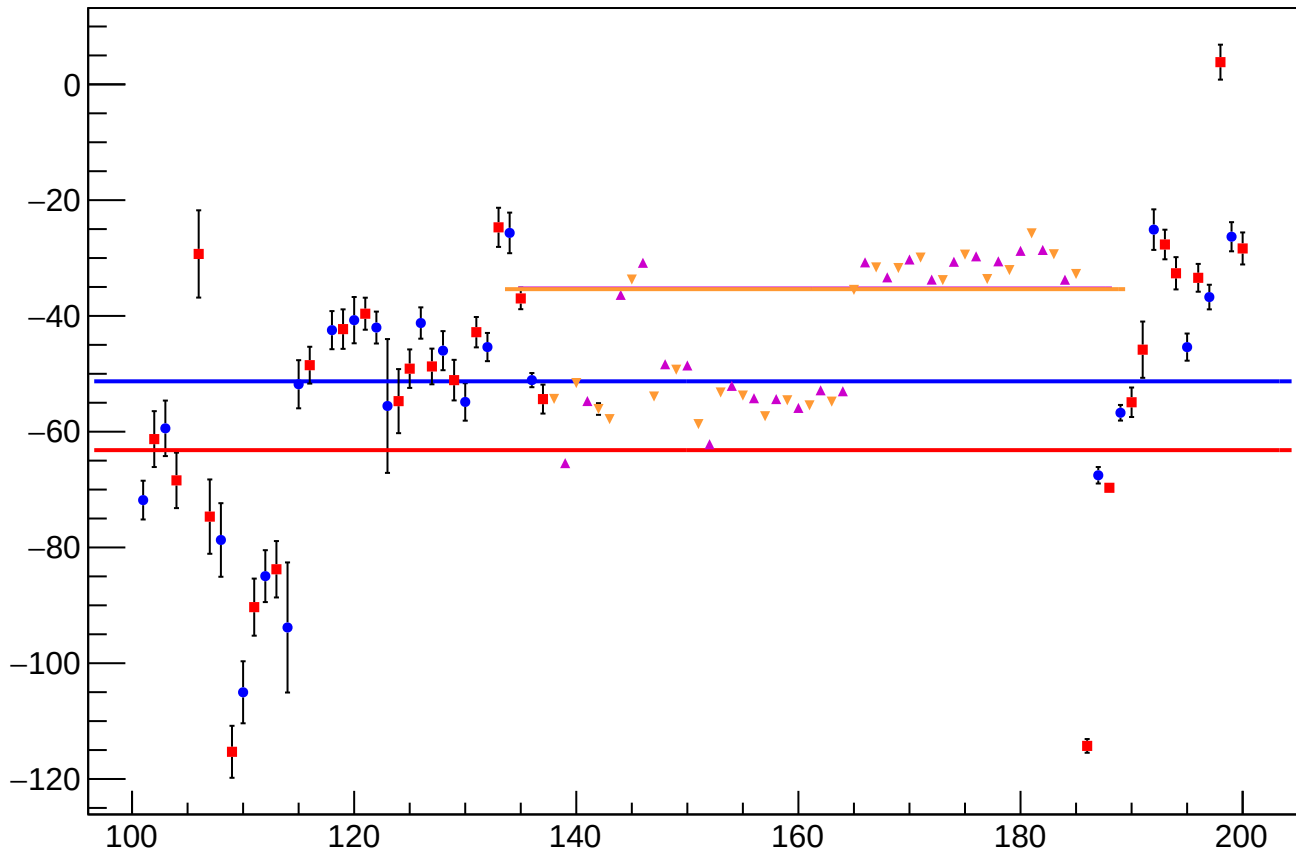
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.130 ± 0.072 χ^2/NDF : 2680.1/47

All: 6.996 ± 0.051 χ^2/NDF : 6553.3/97

- sign 6.860 ± 0.073 χ^2/NDF : 3866.3/49

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.299 ± 0.533 χ^2/NDF : 686.7/22

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -63.188 ± 0.436 χ^2/NDF : 3873.9/26

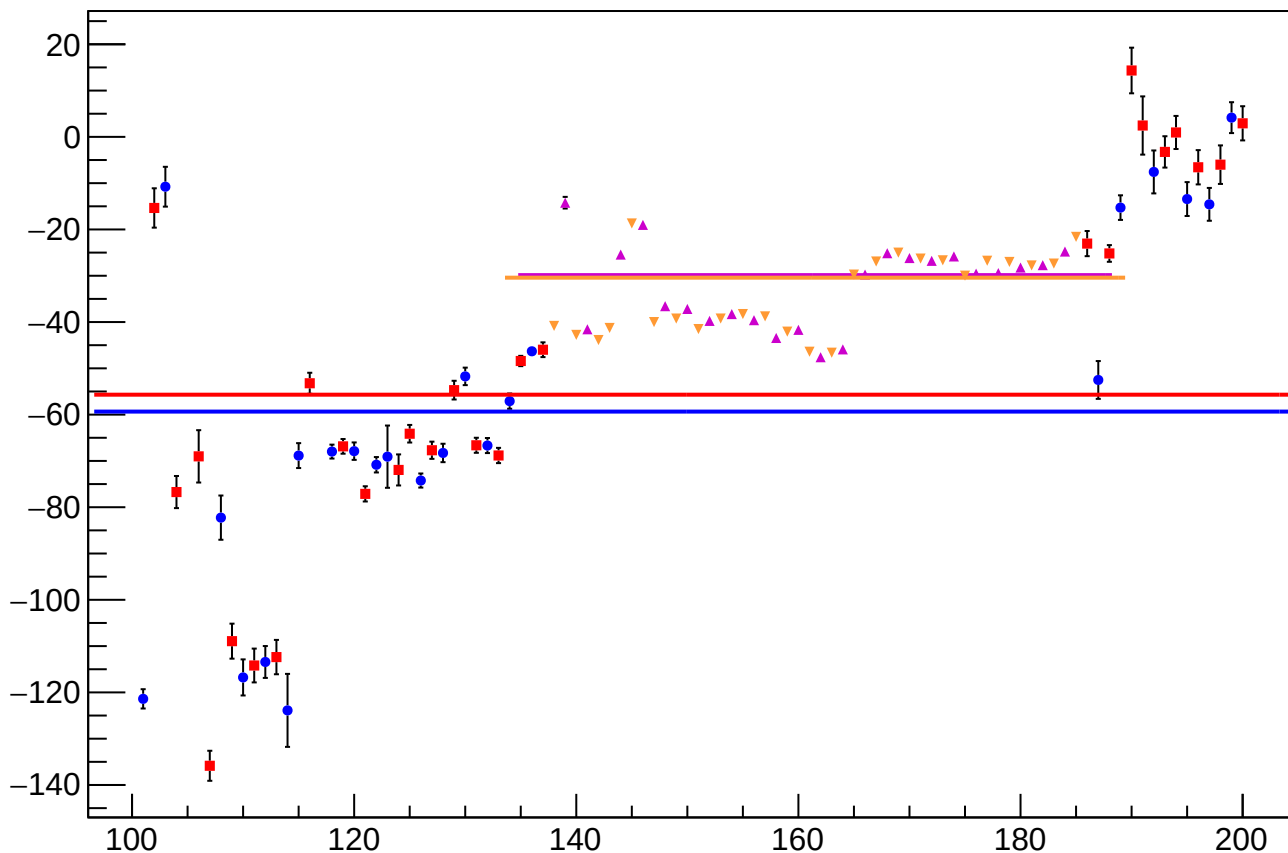
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.810 ± 0.088 χ^2/NDF : 14183.8/47

All: -36.102 ± 0.062 χ^2/NDF : 33780.7/97

- sign -36.395 ± 0.088 χ^2/NDF : 19574.8/49

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -59.342 ± 0.425 χ^2/NDF : 3189.9/22

Left Out: -30.415 ± 0.082 χ^2/NDF : 8132.2/24

Right Out: -55.692 ± 0.440 χ^2/NDF : 3705.1/26

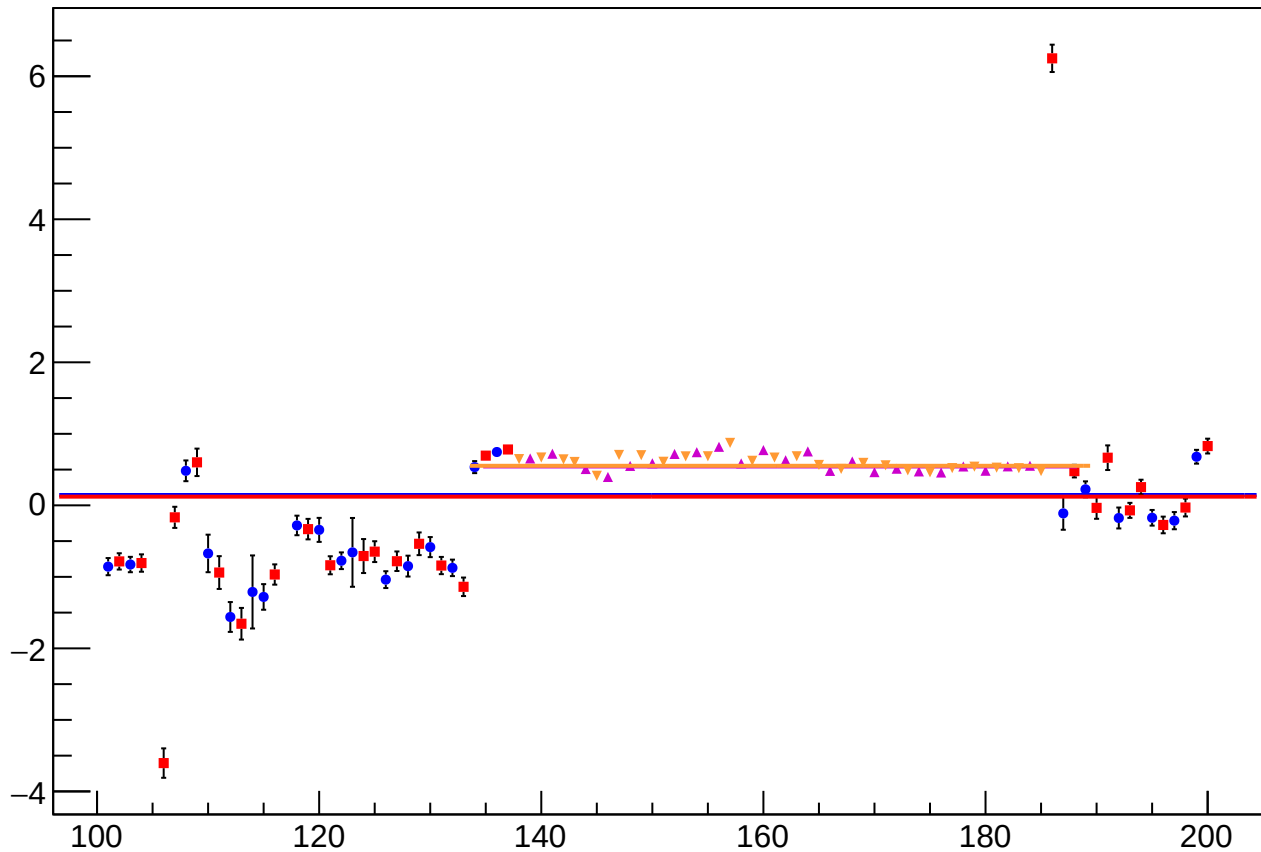
Left In: -29.863 ± 0.082 χ^2/NDF : 7145.9/22

+ sign -31.443 ± 0.080 χ^2/NDF : 15787.9/47

All: -31.093 ± 0.057 χ^2/NDF : 30010.4/97

- sign -30.736 ± 0.081 χ^2/NDF : 14183.9/49

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.145 $\pm$ 0.022 χ^2 /NDF: 1044.7/22

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF: 542.9/24

Right Out: 0.122 $\pm$ 0.022 χ^2 /NDF: 2313.5/26

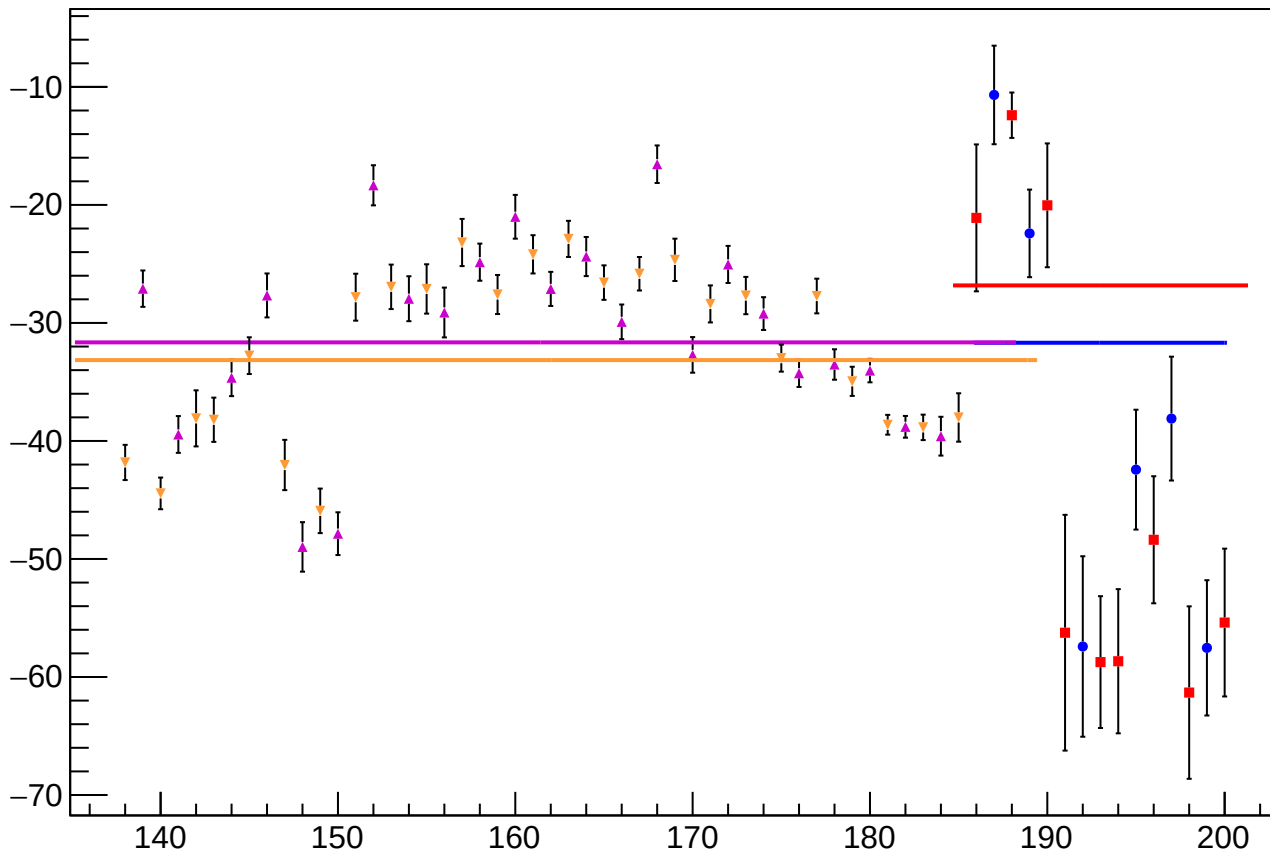
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 659.2/22

+ sign 0.541 $\pm$ 0.004 χ^2 /NDF: 1935.1/47

All: 0.536 $\pm$ 0.003 χ^2 /NDF: 5274.3/97

- sign 0.531 $\pm$ 0.004 χ^2 /NDF: 3335.6/49

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -31.679 ± 1.990 $\chi^2/\text{NDF}: 69.2/5$

Left Out: -33.148 ± 0.301 $\chi^2/\text{NDF}: 500.0/24$

Right Out: -26.821 ± 1.444 $\chi^2/\text{NDF}: 186.4/8$

Left In: -31.647 ± 0.308 $\chi^2/\text{NDF}: 546.9/22$

+ sign -33.115 ± 0.297 $\chi^2/\text{NDF}: 569.7/30$

All: -32.286 ± 0.212 $\chi^2/\text{NDF}: 1329.4/62$

- sign -31.437 ± 0.301 $\chi^2/\text{NDF}: 743.9/31$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -51.188 ± 0.690 χ^2/NDF : 1844.7/22

Left Out: -34.256 ± 0.242 χ^2/NDF : 693.3/24

Right Out: -55.653 ± 0.704 χ^2/NDF : 2670.3/26

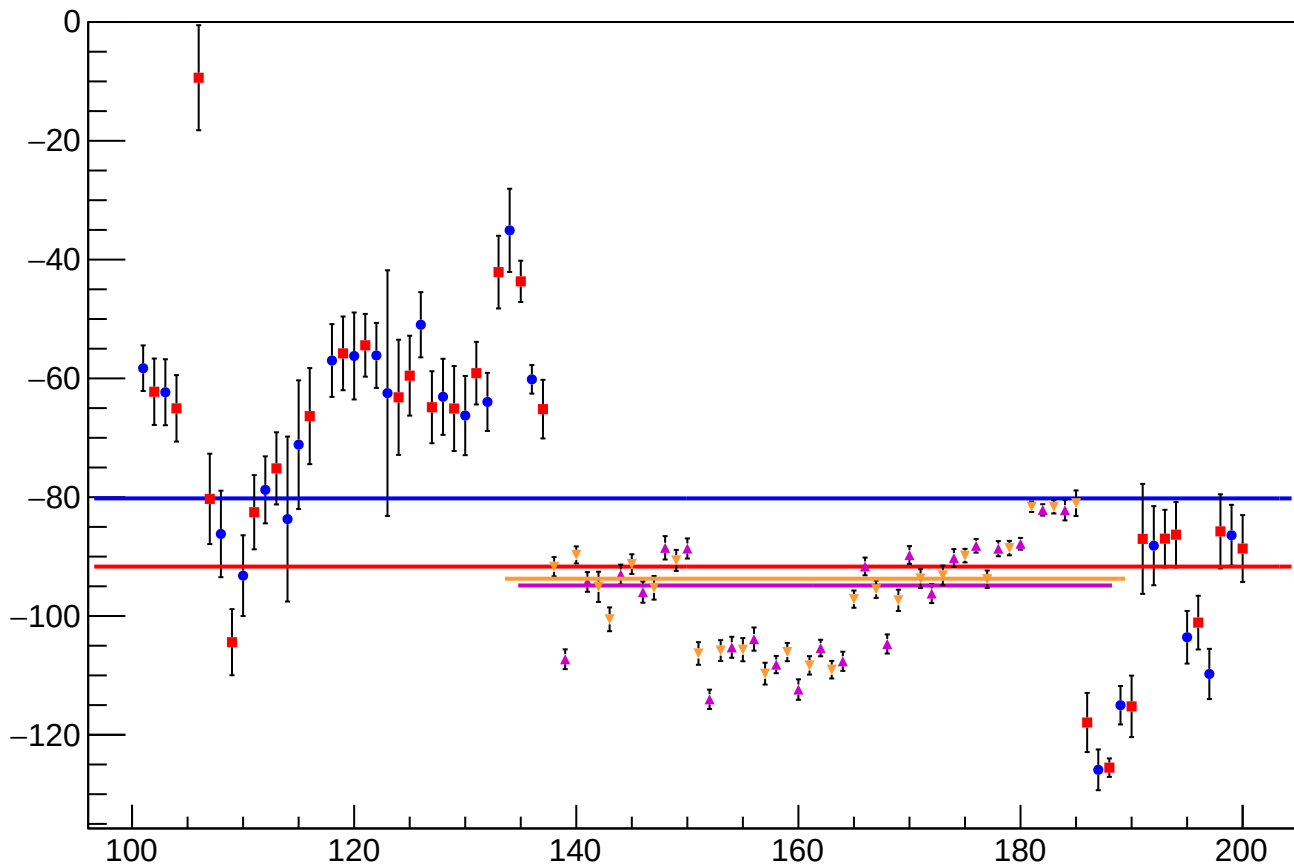
Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

+ sign -36.111 ± 0.228 χ^2/NDF : 3073.9/47

All: -36.347 ± 0.164 χ^2/NDF : 8118.7/97

- sign -36.599 ± 0.236 χ^2/NDF : 5042.6/49

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -80.201 ± 1.037 χ^2/NDF : 627.9/22

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -91.680 ± 0.910 χ^2/NDF : 1168.0/26

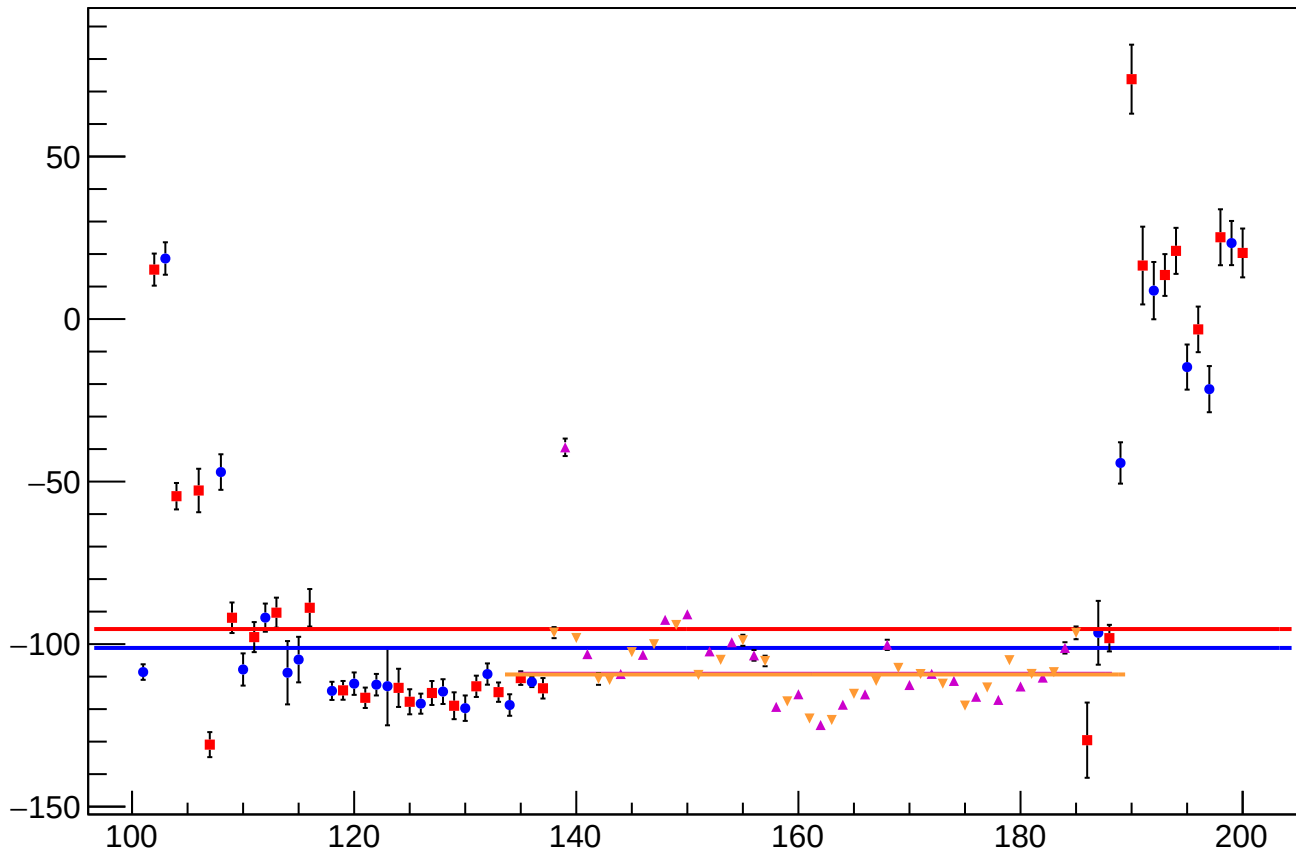
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.660 ± 0.290 χ^2/NDF : 1662.8/47

All: -93.594 ± 0.206 χ^2/NDF : 3848.0/97

- sign -94.535 ± 0.291 χ^2/NDF : 2164.5/49

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -101.180 ± 0.783 χ^2/NDF : 1733.8/22

Left Out: -109.338 ± 0.272 χ^2/NDF : 826.2/24

Right Out: -95.364 ± 0.810 χ^2/NDF : 2595.4/26

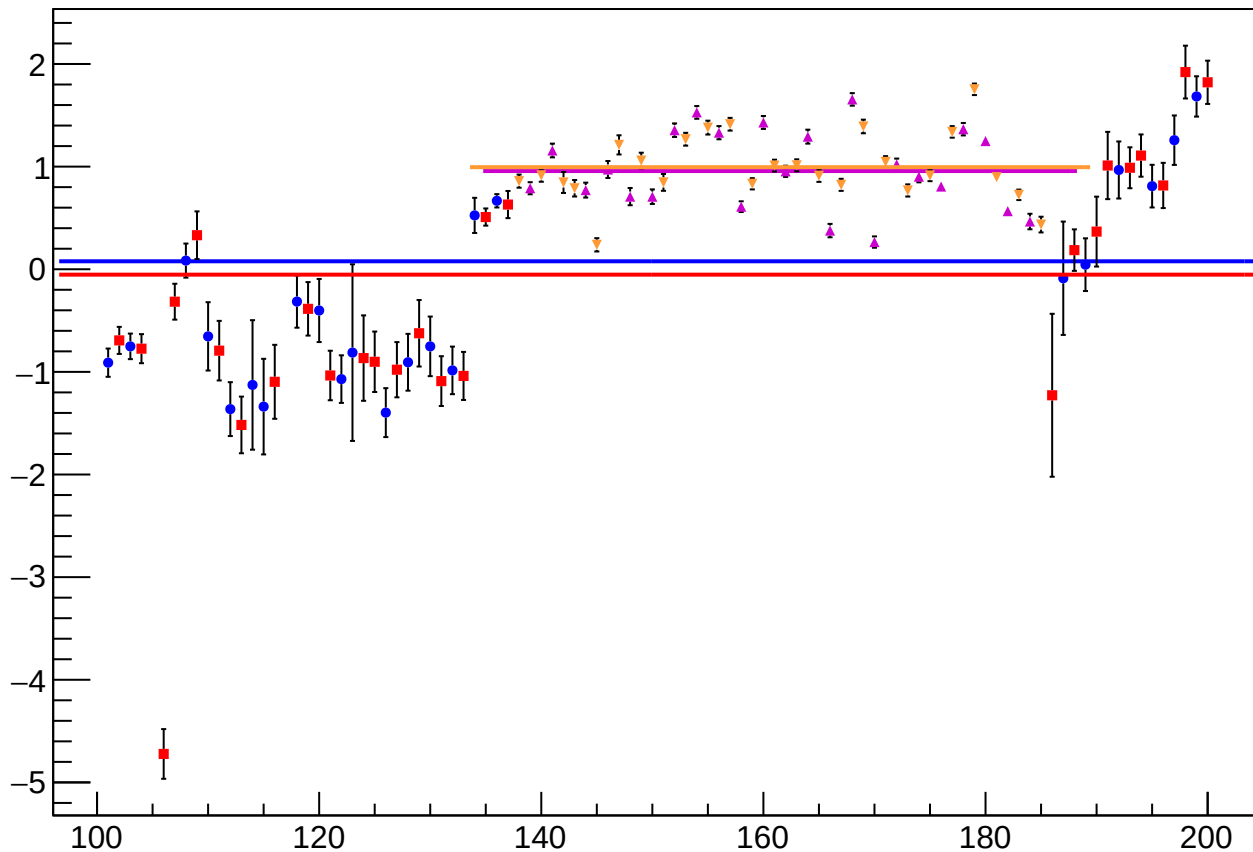
Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

+ sign -108.461 ± 0.257 χ^2/NDF : 2656.8/47

All: -108.074 ± 0.184 χ^2/NDF : 7093.7/97

- sign -107.665 ± 0.264 χ^2/NDF : 4432.3/49

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.078 ± 0.039 χ^2/NDF : 456.8/22

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: -0.053 ± 0.039 χ^2/NDF : 850.6/26

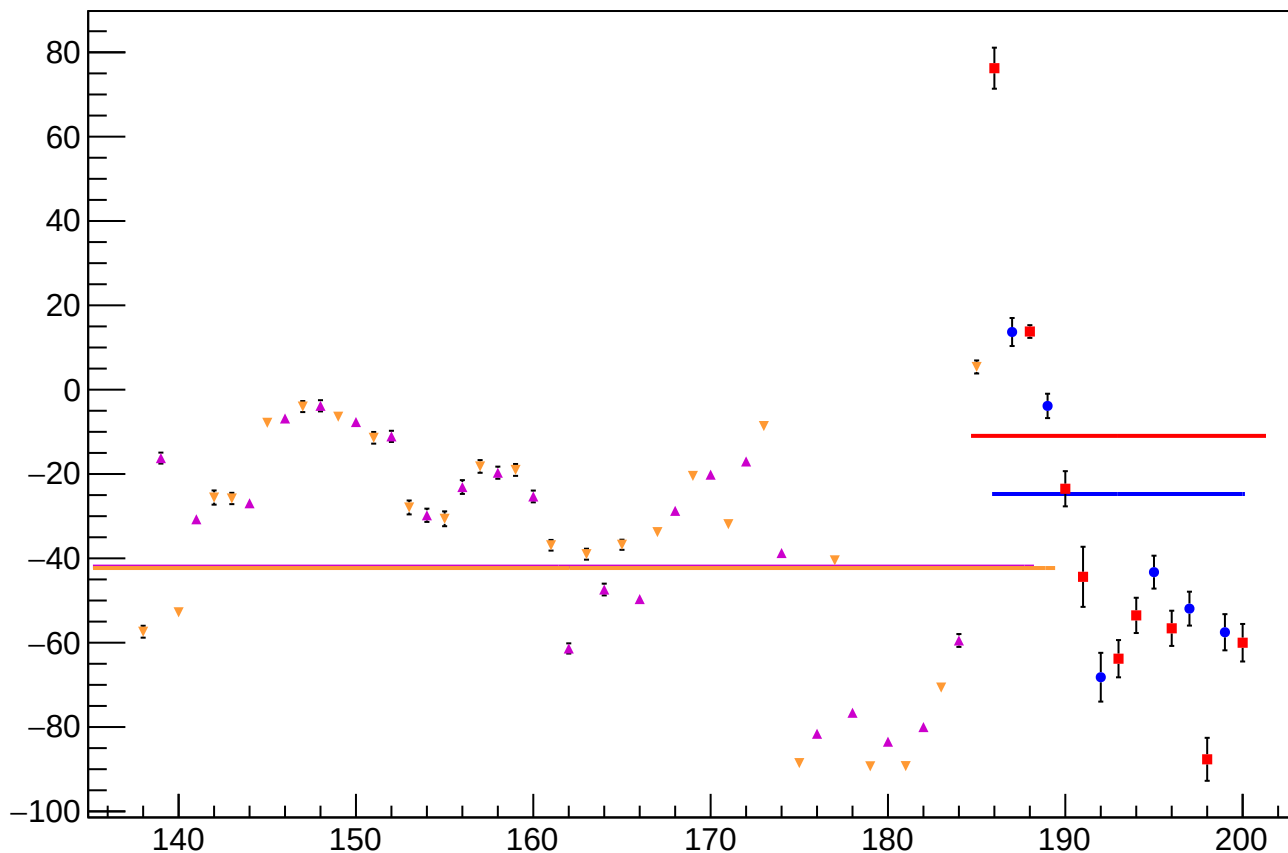
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.910 ± 0.012 χ^2/NDF : 1595.7/47

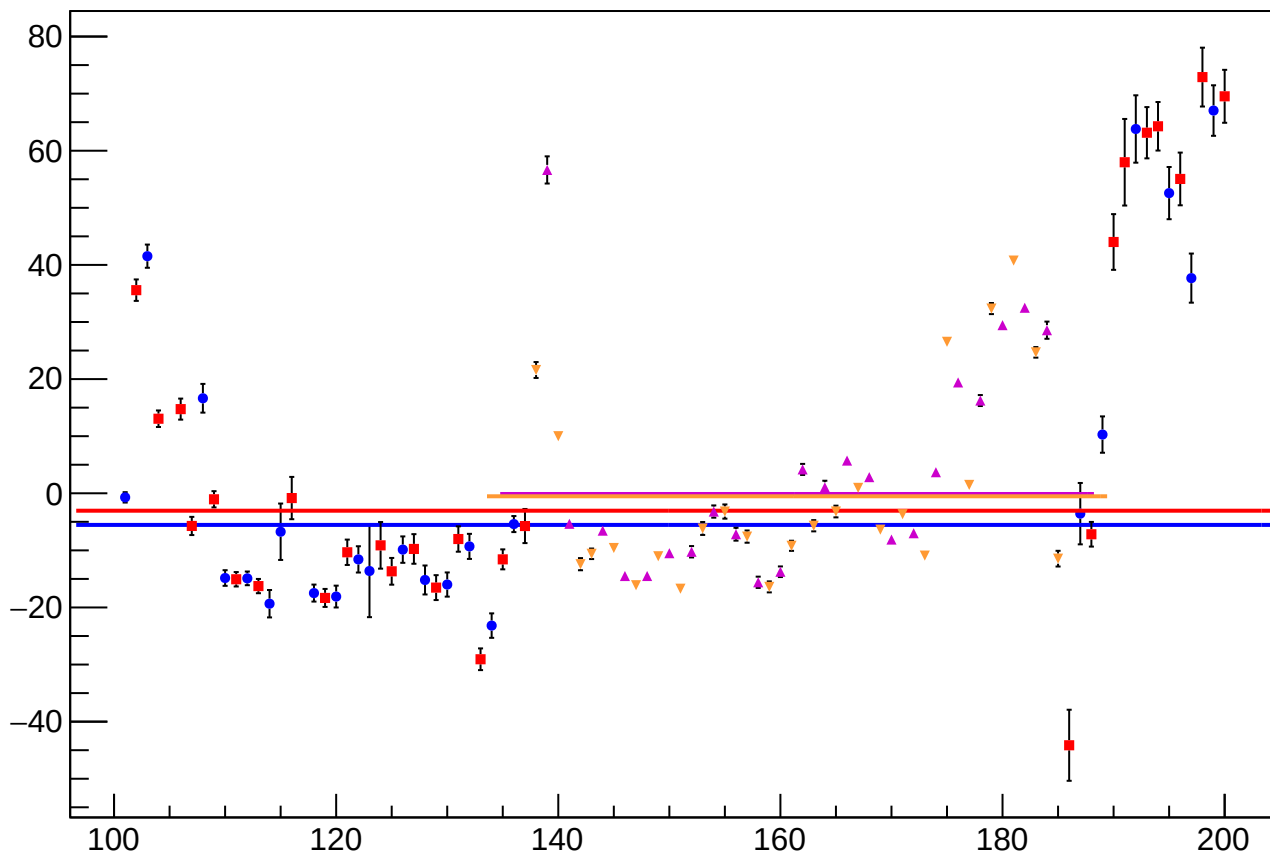
All: 0.885 ± 0.008 χ^2/NDF : 3966.0/97

- sign 0.860 ± 0.012 χ^2/NDF : 2361.6/49

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -5.540 ± 0.416 $\chi^2/\text{NDF}: 1705.5/22$

Left Out: -0.527 ± 0.175 $\chi^2/\text{NDF}: 8707.9/24$

Right Out: -3.052 ± 0.410 $\chi^2/\text{NDF}: 2529.6/26$

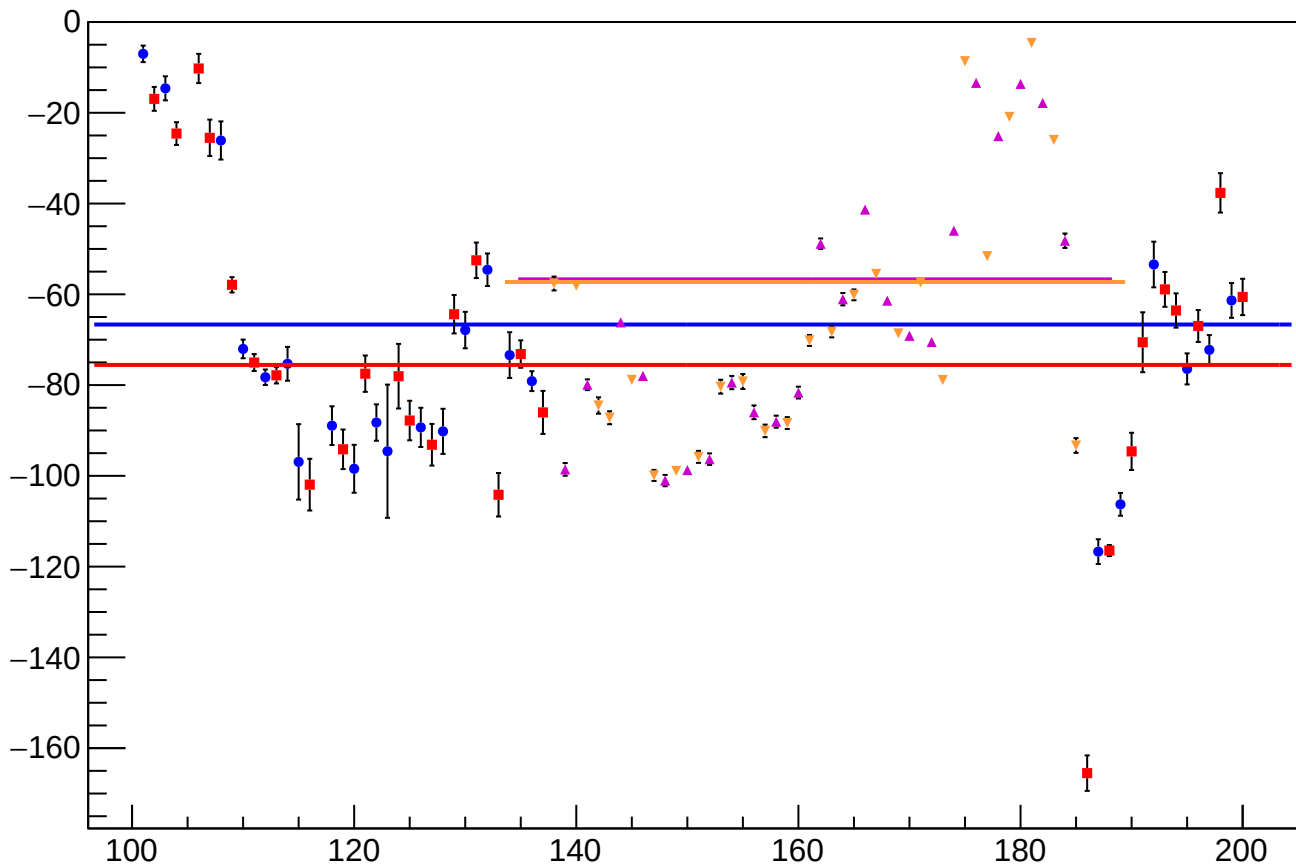
Left In: -0.125 ± 0.179 $\chi^2/\text{NDF}: 6925.0/22$

+ sign -1.280 ± 0.161 $\chi^2/\text{NDF}: 10537.0/47$

All: -0.942 ± 0.115 $\chi^2/\text{NDF}: 20043.5/97$

- sign -0.591 ± 0.164 $\chi^2/\text{NDF}: 9497.5/49$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -66.655 $\pm$ 0.647 χ^2 /NDF: 2424.4/22

Left Out: -57.276 $\pm$ 0.224 χ^2 /NDF:18511.1/24

Right Out: -75.558 $\pm$ 0.563 χ^2 /NDF: 3538.4/26

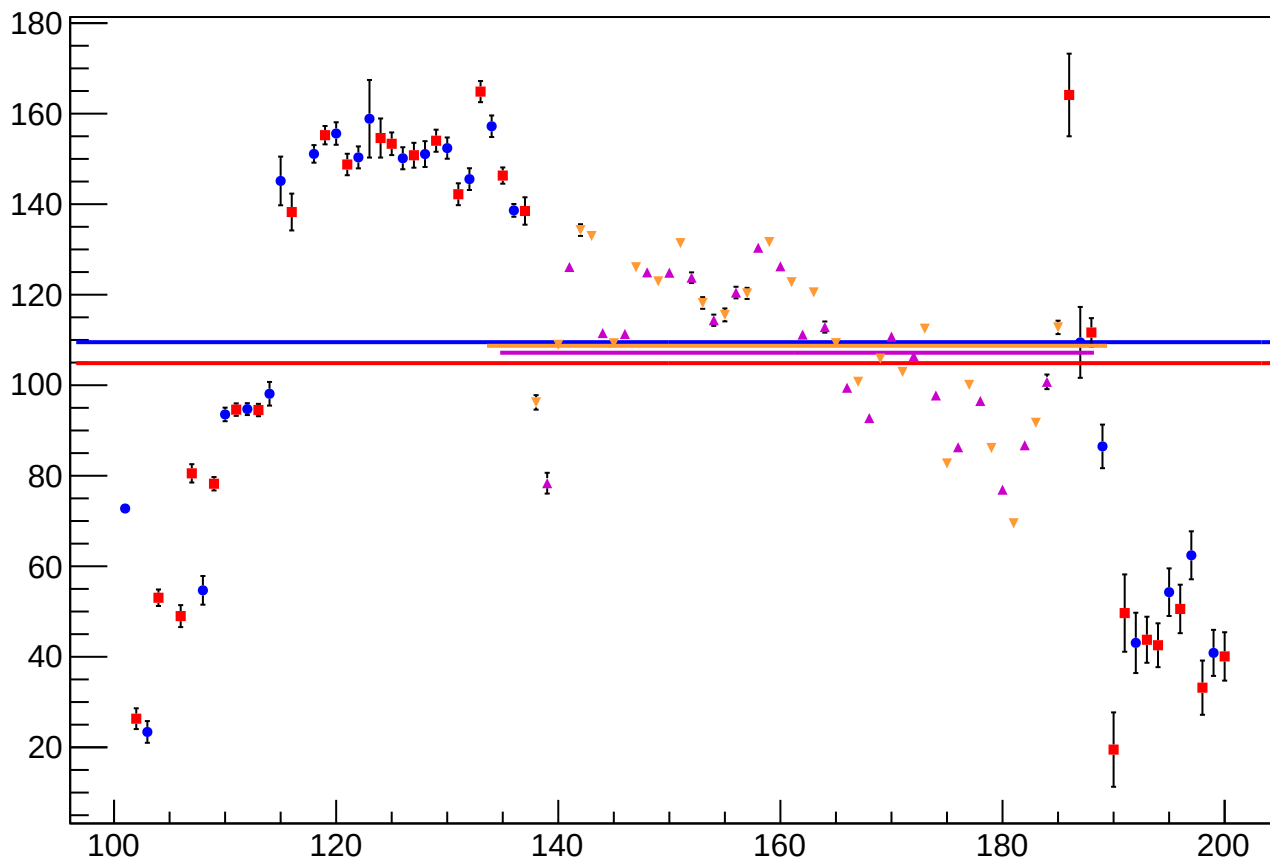
Left In: -56.705 $\pm$ 0.226 χ^2 /NDF:16547.5/22

+ sign -58.275 $\pm$ 0.211 χ^2 /NDF: 21123.1/47

All: -58.802 $\pm$ 0.149 χ^2 /NDF: 42186.3/97

- sign -59.320 $\pm$ 0.210 χ^2 /NDF: 21050.9/49

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 109.511 ± 0.476 $\chi^2/\text{NDF}: 6471.6/22$

Left Out: 108.709 ± 0.198 $\chi^2/\text{NDF}: 7297.0/24$

Right Out: 104.878 ± 0.471 $\chi^2/\text{NDF}: 7761.3/26$

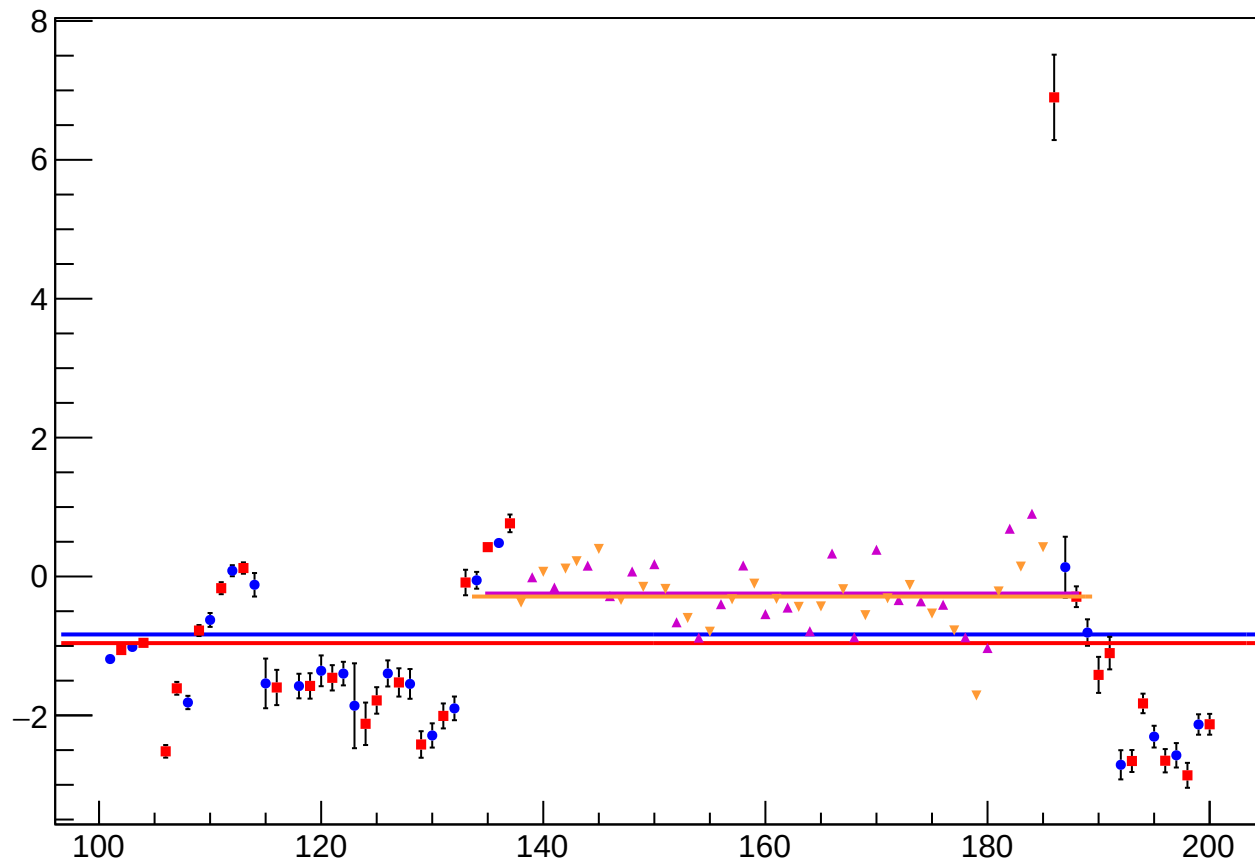
Left In: 107.180 ± 0.202 $\chi^2/\text{NDF}: 5592.3/22$

+ sign 108.827 ± 0.183 $\chi^2/\text{NDF}: 13771.0/47$

All: 107.840 ± 0.130 $\chi^2/\text{NDF}: 27204.0/97$

- sign 106.824 ± 0.185 $\chi^2/\text{NDF}: 13373.8/49$

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.835 ± 0.024 χ^2/NDF : 1371.8/22

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.959 ± 0.023 χ^2/NDF : 1960.5/26

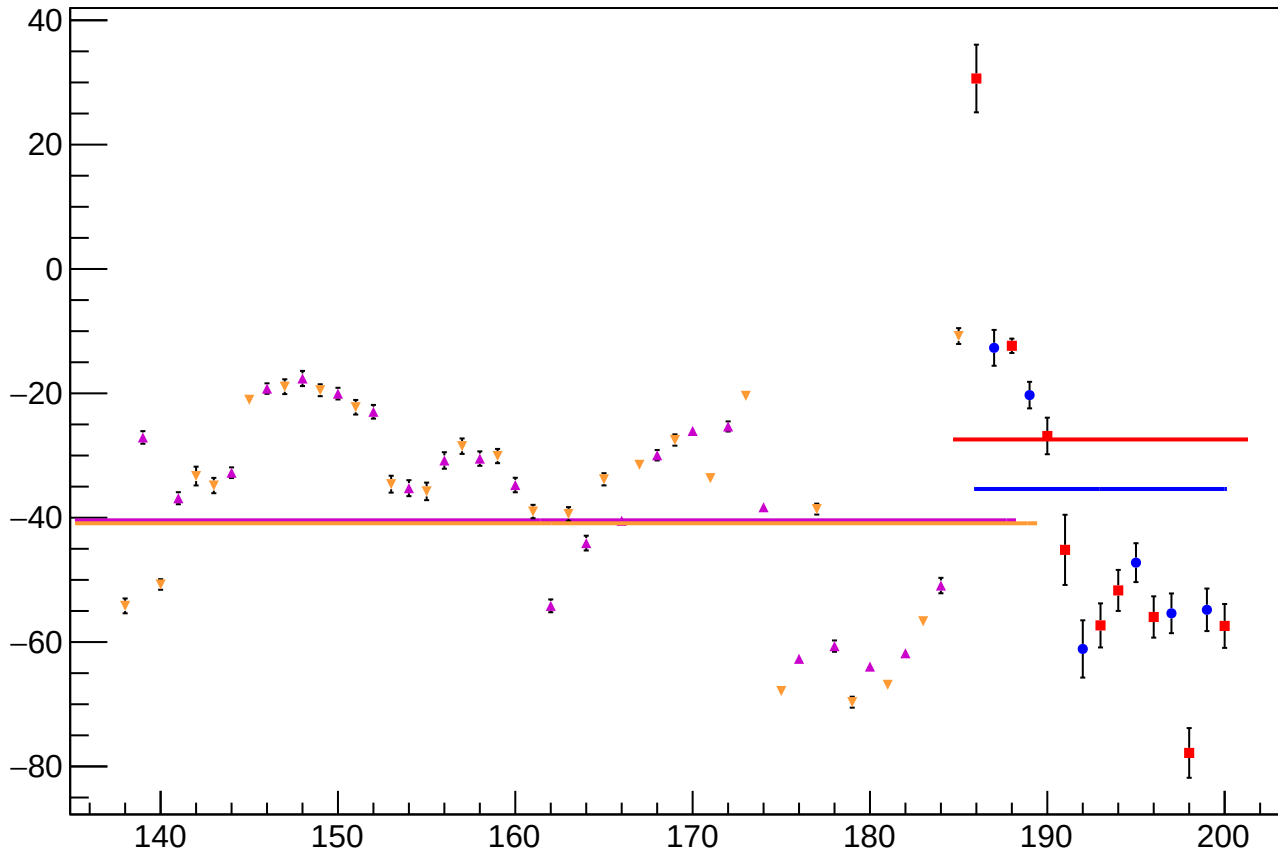
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.355 ± 0.009 χ^2/NDF : 3850.7/47

All: -0.351 ± 0.006 χ^2/NDF : 9468.8/97

- sign -0.347 ± 0.009 χ^2/NDF : 5617.5/49

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -35.380 ± 1.219 χ^2/NDF : 229.1/5

Left Out: -40.897 ± 0.186 χ^2/NDF : 9114.7/24

Right Out: -27.416 ± 0.865 χ^2/NDF : 724.3/8

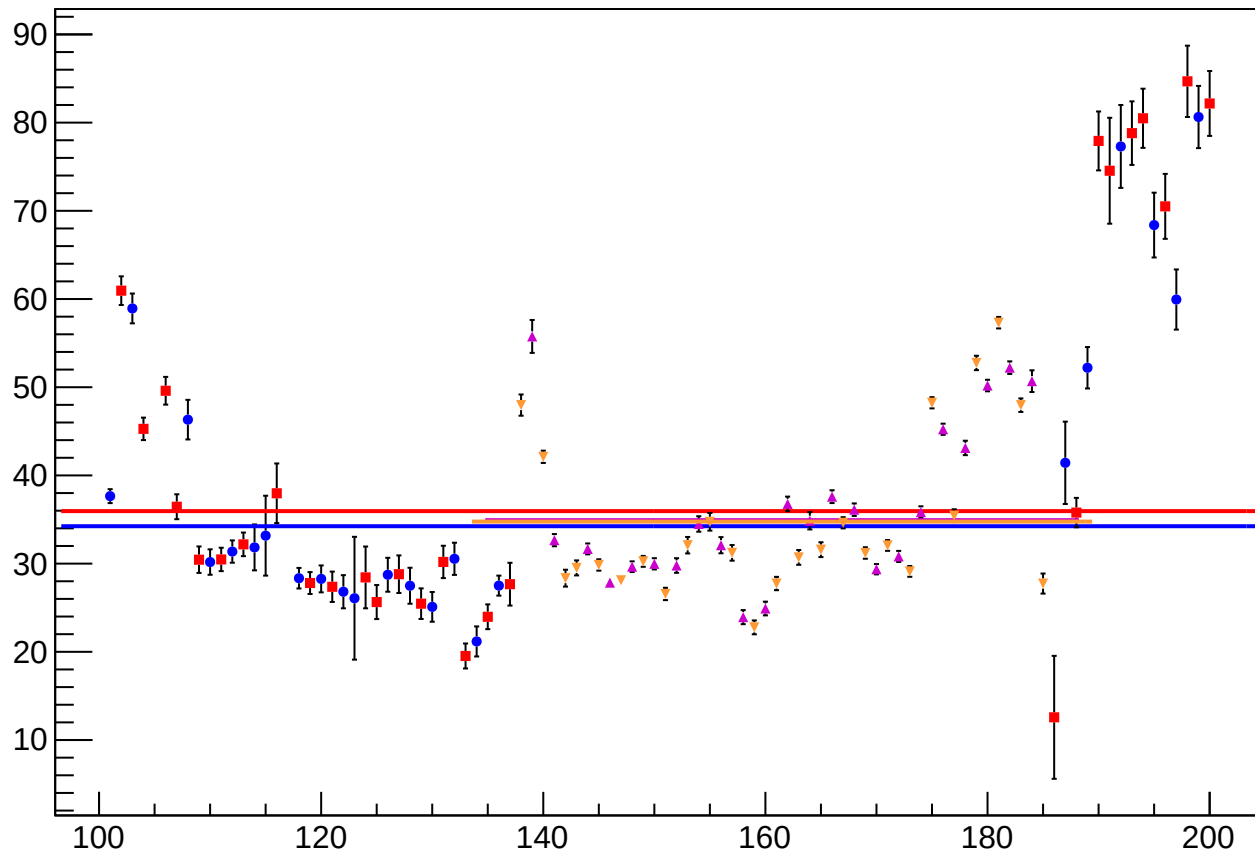
Left In: -40.422 ± 0.189 χ^2/NDF : 7030.2/22

+ sign -40.771 ± 0.184 χ^2/NDF : 9363.8/30

All: -40.301 ± 0.130 χ^2/NDF : 17347.0/62

- sign -39.830 ± 0.185 χ^2/NDF : 7970.1/31

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 34.241 $\pm$ 0.360 χ^2 /NDF: 940.6/22

Left Out: 34.768 $\pm$ 0.148 χ^2 /NDF:3677.3/24

Right Out: 35.952 $\pm$ 0.358 χ^2 /NDF: 1702.4/26

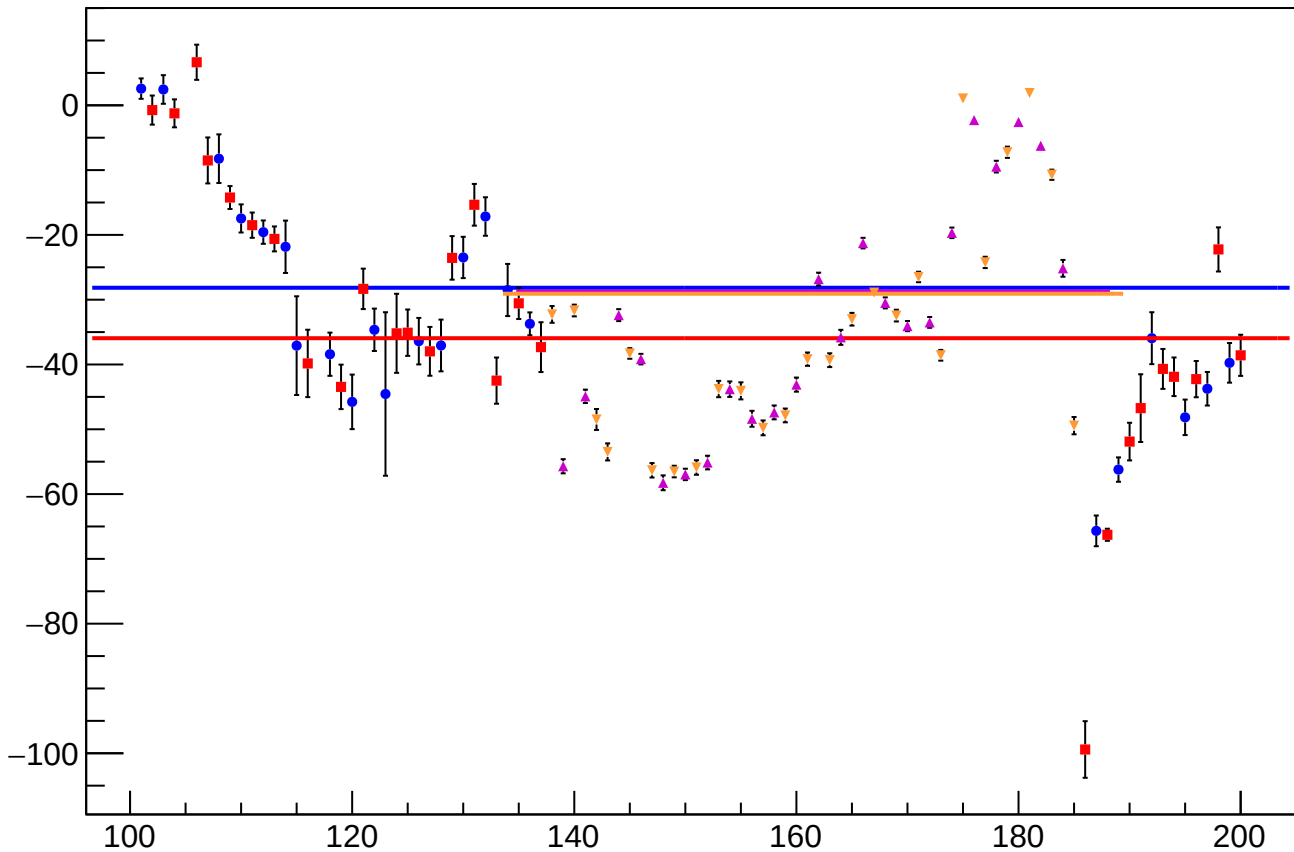
Left In: 34.928 $\pm$ 0.151 χ^2 /NDF:2688.4/22

+ sign 34.692 $\pm$ 0.137 χ^2 /NDF: 4619.8/47

All: 34.884 $\pm$ 0.098 χ^2 /NDF: 9021.5/97

- sign 35.083 $\pm$ 0.139 χ^2 /NDF: 4397.7/49

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -28.158 ± 0.562 χ^2/NDF : 1301.3/22

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -35.944 ± 0.484 χ^2/NDF : 2508.3/26

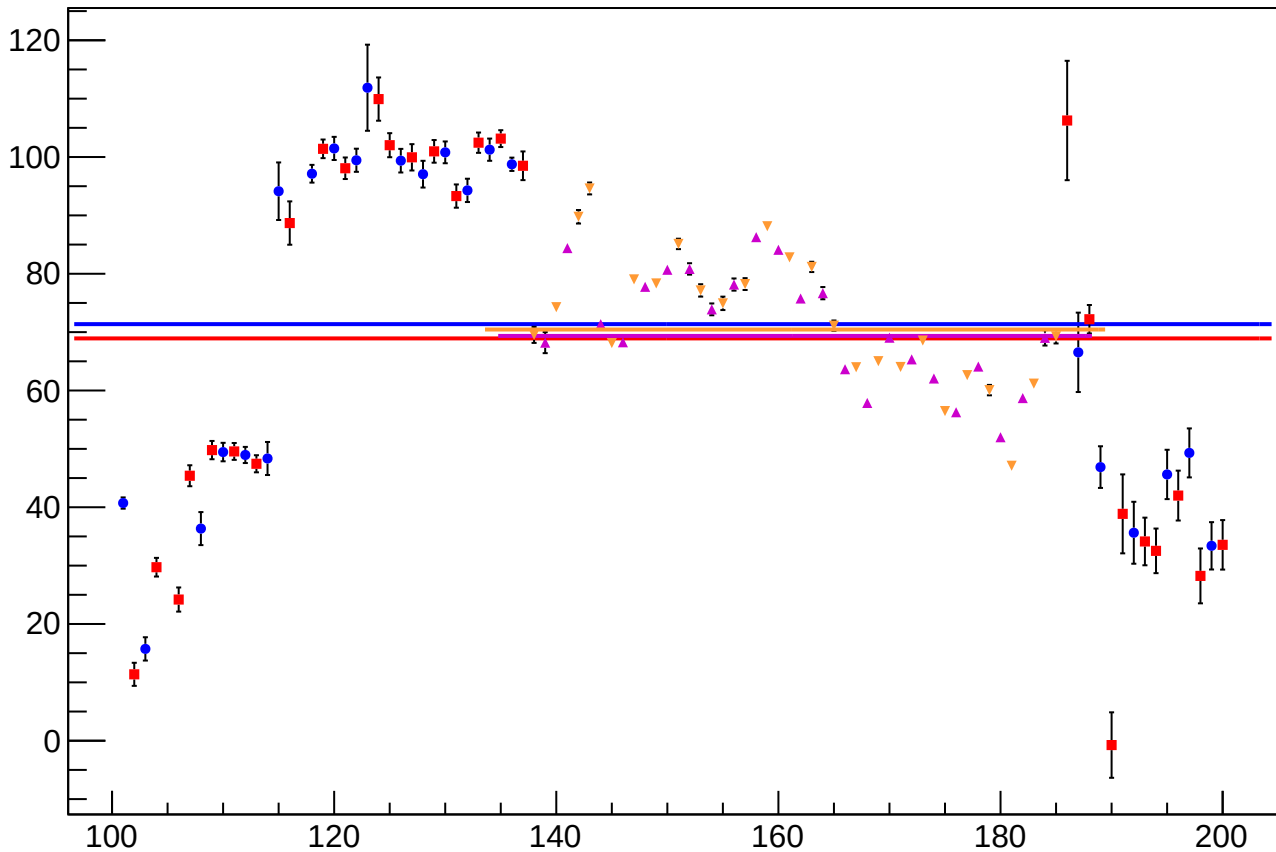
Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -28.988 ± 0.178 χ^2/NDF : 11363.2/47

All: -29.341 ± 0.125 χ^2/NDF : 23227.4/97

- sign -29.688 ± 0.176 χ^2/NDF : 11856.3/49

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 71.370 ± 0.414 χ^2/NDF : 4995.9/22

Left Out: 70.450 ± 0.167 χ^2/NDF : 4484.7/24

Right Out: 68.924 ± 0.415 χ^2/NDF : 5932.3/26

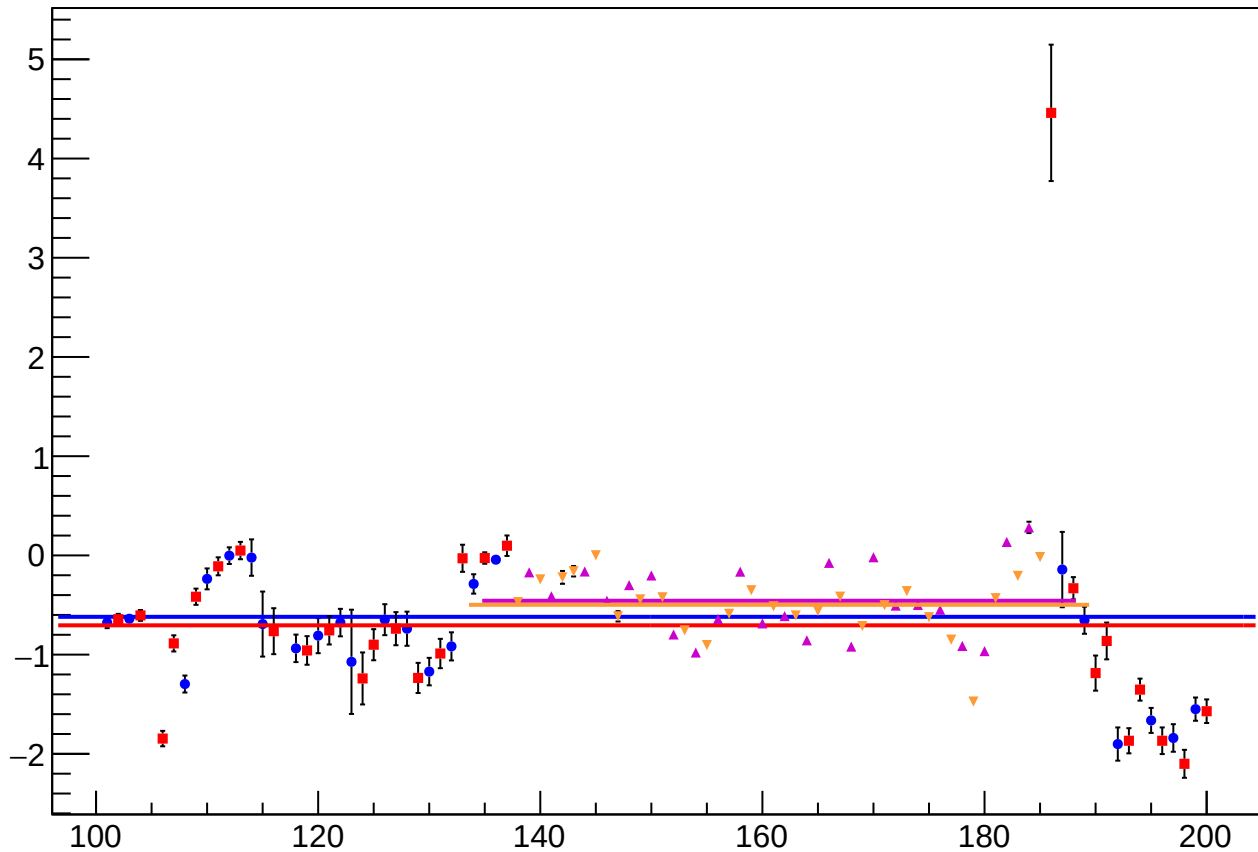
Left In: 69.350 ± 0.170 χ^2/NDF : 3330.7/22

+ sign 70.578 ± 0.155 χ^2/NDF : 9484.8/47

All: 69.944 ± 0.110 χ^2/NDF : 18783.0/97

- sign 69.289 ± 0.157 χ^2/NDF : 9263.9/49

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.619 ± 0.021 χ^2/NDF : 601.5/22

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.705 ± 0.020 χ^2/NDF : 1022.3/26

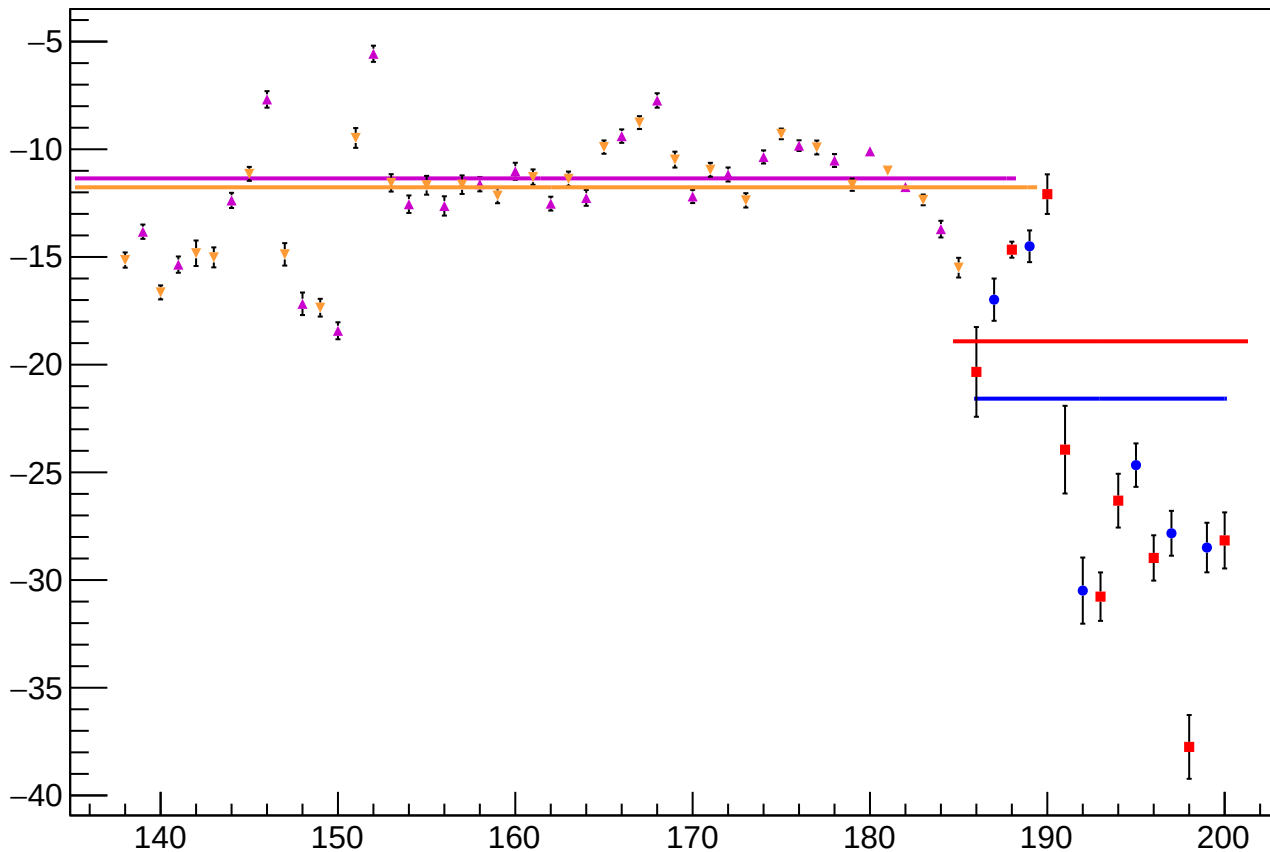
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.512 ± 0.007 χ^2/NDF : 2072.0/47

All: -0.501 ± 0.005 χ^2/NDF : 5213.1/97

- sign -0.490 ± 0.007 χ^2/NDF : 3136.5/49

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -21.578 ± 0.409 χ^2/NDF : 229.2/5

Left Out: -11.764 ± 0.067 χ^2/NDF : 1025.9/24

Right Out: -18.916 ± 0.286 χ^2/NDF : 642.1/8

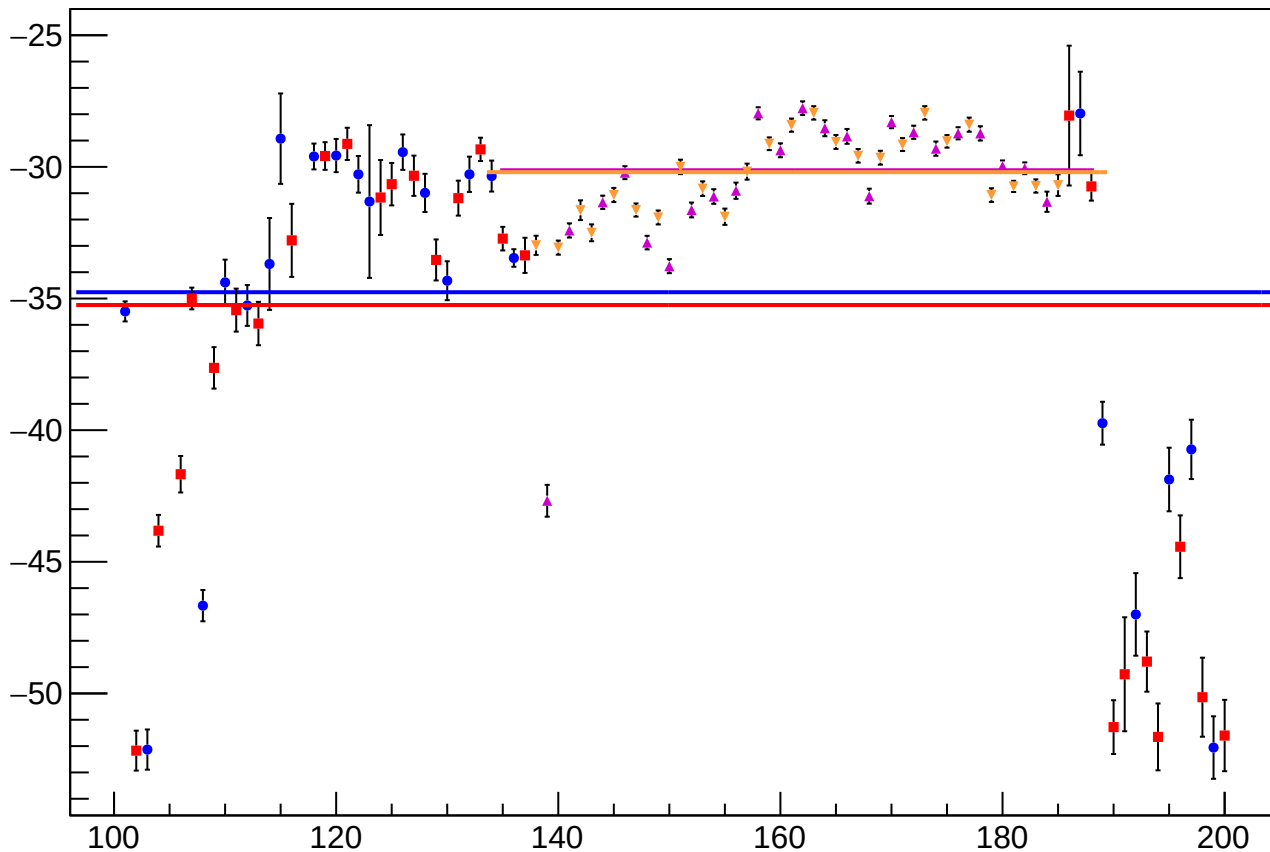
Left In: -11.352 ± 0.068 χ^2/NDF : 1280.6/22

+ sign -12.019 ± 0.066 χ^2/NDF : 1814.5/30

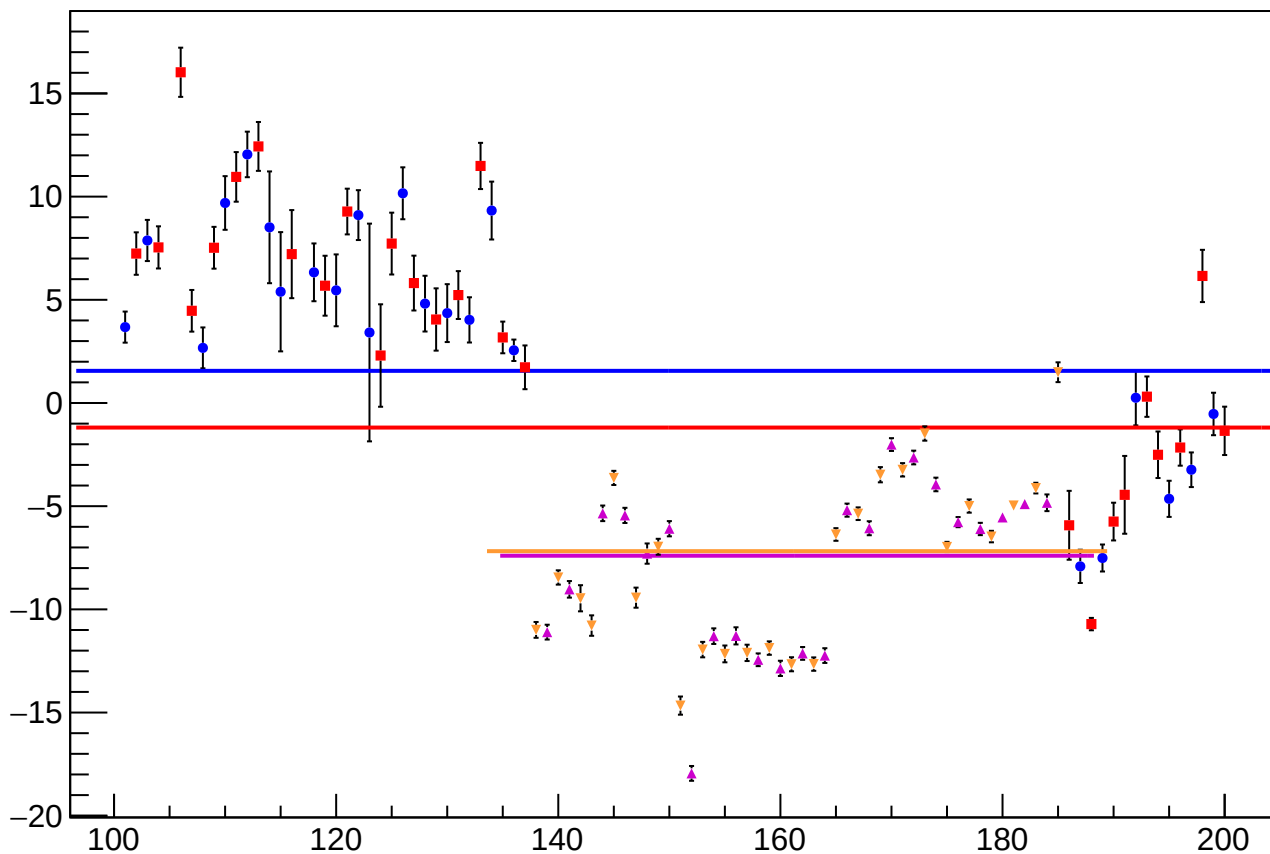
All: -11.886 ± 0.047 χ^2/NDF : 4409.1/62

- sign -11.754 ± 0.066 χ^2/NDF : 2586.4/31

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 1.558 ± 0.214 $\chi^2/\text{NDF}: 756.9/22$

Left Out: -7.180 ± 0.067 $\chi^2/\text{NDF}: 3015.8/24$

Right Out: -1.190 ± 0.181 $\chi^2/\text{NDF}: 2172.2/26$

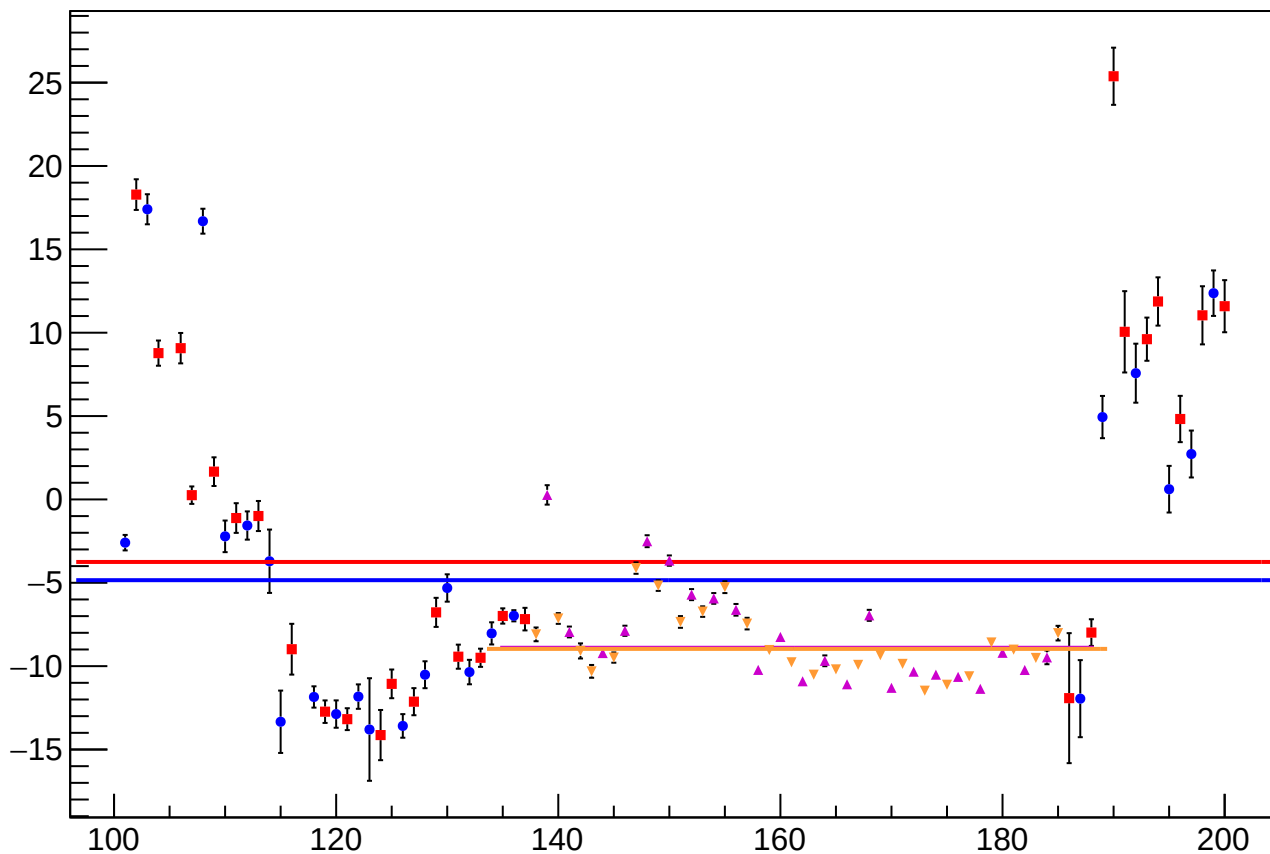
Left In: -7.400 ± 0.068 $\chi^2/\text{NDF}: 3134.9/22$

+ sign -6.400 ± 0.064 $\chi^2/\text{NDF}: 5292.9/47$

All: -6.520 ± 0.045 $\chi^2/\text{NDF}: 11643.1/97$

- sign -6.638 ± 0.063 $\chi^2/\text{NDF}: 6343.2/49$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -4.844 ± 0.164 χ^2/NDF : 2464.4/22

Left Out: -8.965 ± 0.060 χ^2/NDF : 876.6/24

Right Out: -3.750 ± 0.162 χ^2/NDF : 2827.0/26

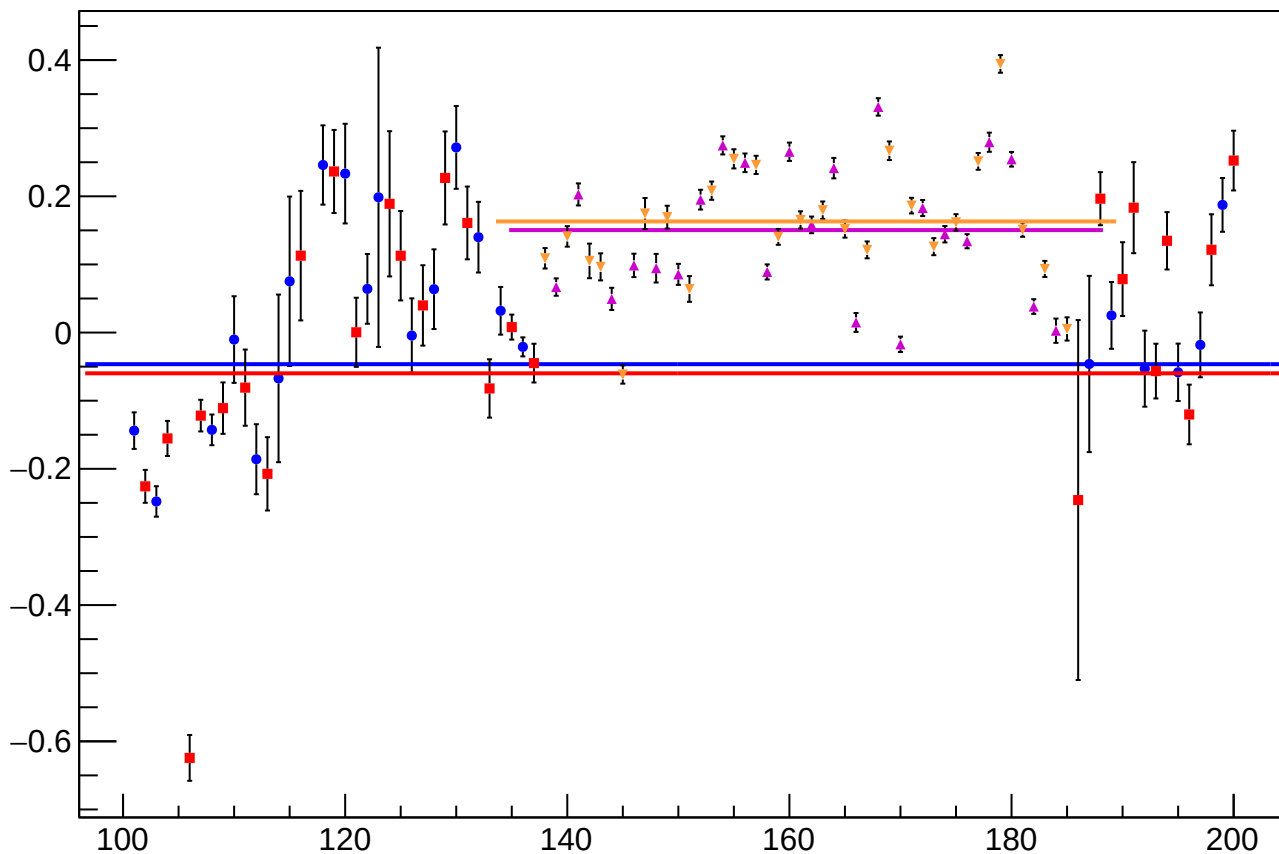
Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

+ sign -8.473 ± 0.057 χ^2/NDF : 3899.4/47

All: -8.365 ± 0.040 χ^2/NDF : 9195.7/97

- sign -8.253 ± 0.058 χ^2/NDF : 5288.9/49

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.046 ± 0.008 χ^2/NDF : 257.6/22

Left Out: 0.163 ± 0.003 χ^2/NDF : 1011.4/24

Right Out: -0.060 ± 0.007 χ^2/NDF : 601.8/26

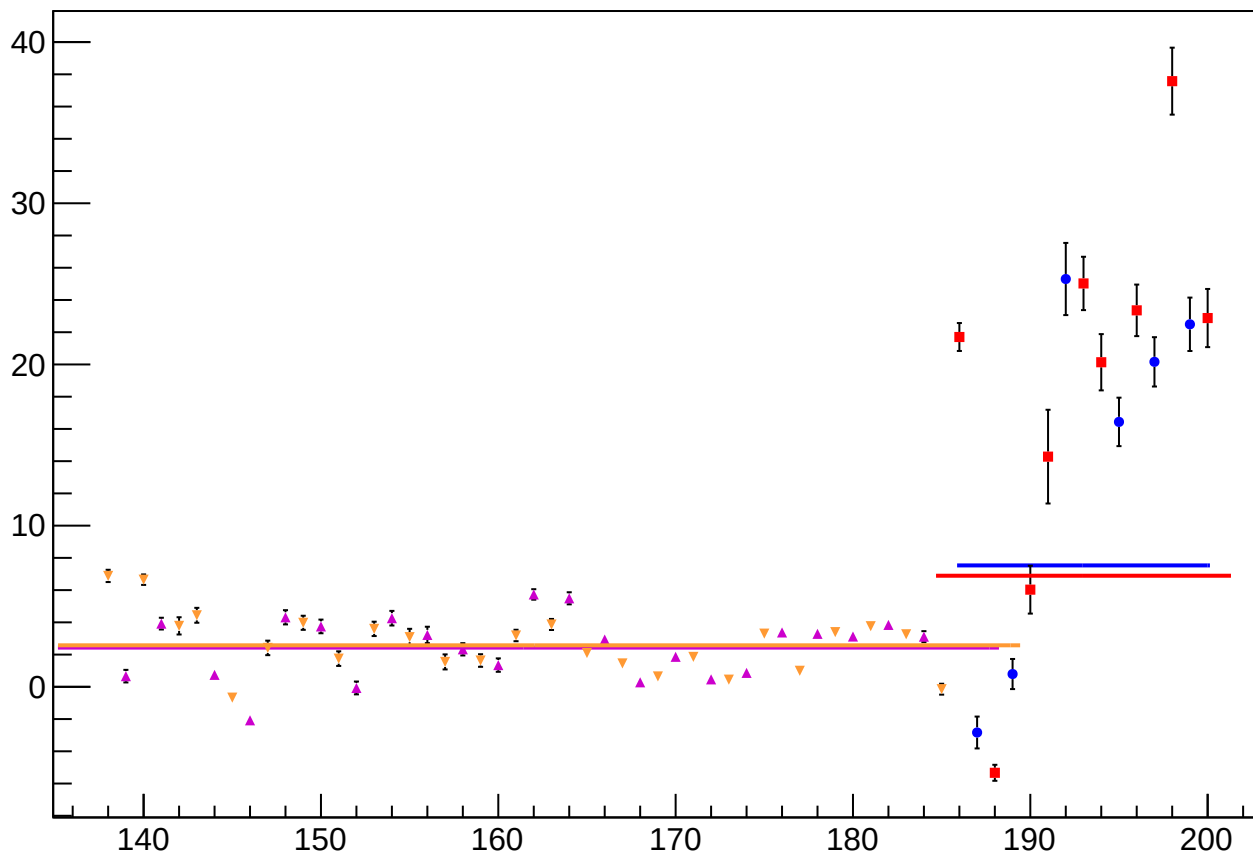
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ sign 0.140 ± 0.003 χ^2/NDF : 1919.5/47

All: 0.133 ± 0.002 χ^2/NDF : 4529.0/97

- sign 0.125 ± 0.003 χ^2/NDF : 2593.5/49

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 7.532 ± 0.527 $\chi^2/\text{NDF}: 409.7/5$

Left Out: 2.575 ± 0.058 $\chi^2/\text{NDF}: 868.1/24$

Right Out: 6.893 ± 0.363 $\chi^2/\text{NDF}: 1486.1/8$

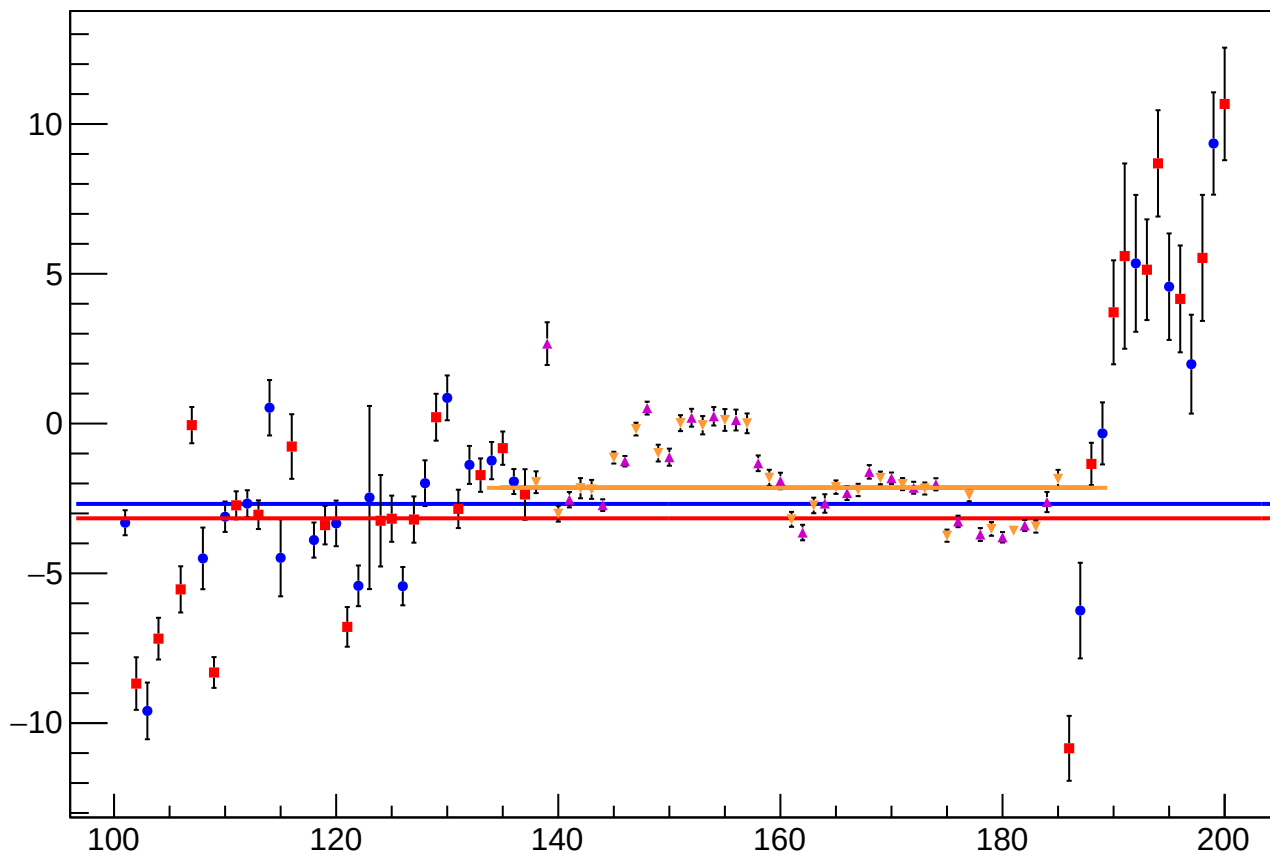
Left In: 2.433 ± 0.059 $\chi^2/\text{NDF}: 882.9/22$

+ sign 2.636 ± 0.058 $\chi^2/\text{NDF}: 1365.3/30$

All: 2.592 ± 0.041 $\chi^2/\text{NDF}: 3882.4/62$

- sign 2.548 ± 0.058 $\chi^2/\text{NDF}: 2516.0/31$

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.682 ± 0.150 $\chi^2/\text{NDF}: 245.9/22$

Left Out: -2.145 ± 0.048 $\chi^2/\text{NDF}: 572.6/24$

Right Out: -3.163 ± 0.147 $\chi^2/\text{NDF}: 526.7/26$

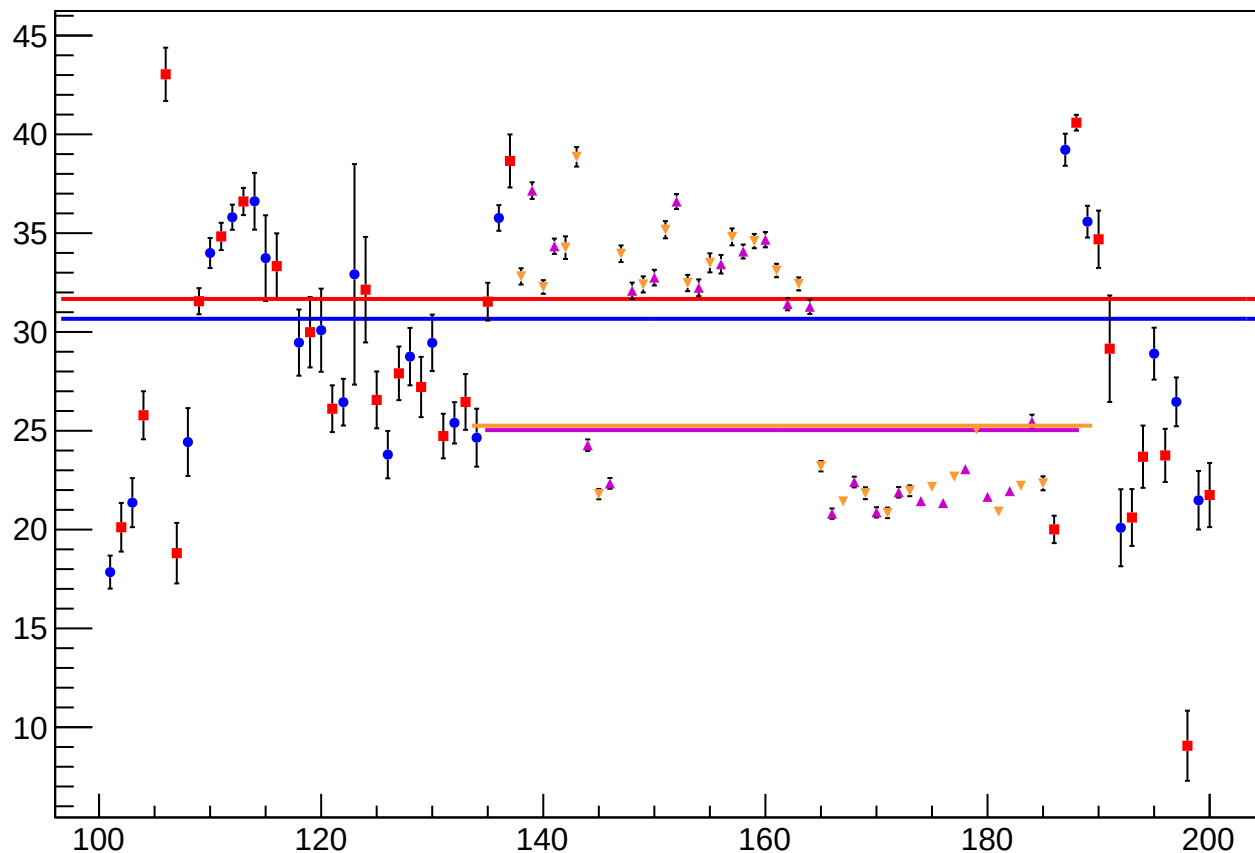
Left In: -2.137 ± 0.048 $\chi^2/\text{NDF}: 693.6/22$

+ sign -2.194 ± 0.045 $\chi^2/\text{NDF}: 830.2/47$

All: -2.215 ± 0.032 $\chi^2/\text{NDF}: 2095.1/97$

- sign -2.237 ± 0.046 $\chi^2/\text{NDF}: 1264.5/49$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.667 $\pm$ 0.229 χ^2 /NDF: 790.7/22

Left Out: 25.258 $\pm$ 0.059 χ^2 /NDF:8135.5/24

Right Out: 31.672 $\pm$ 0.197 χ^2 /NDF: 1561.1/26

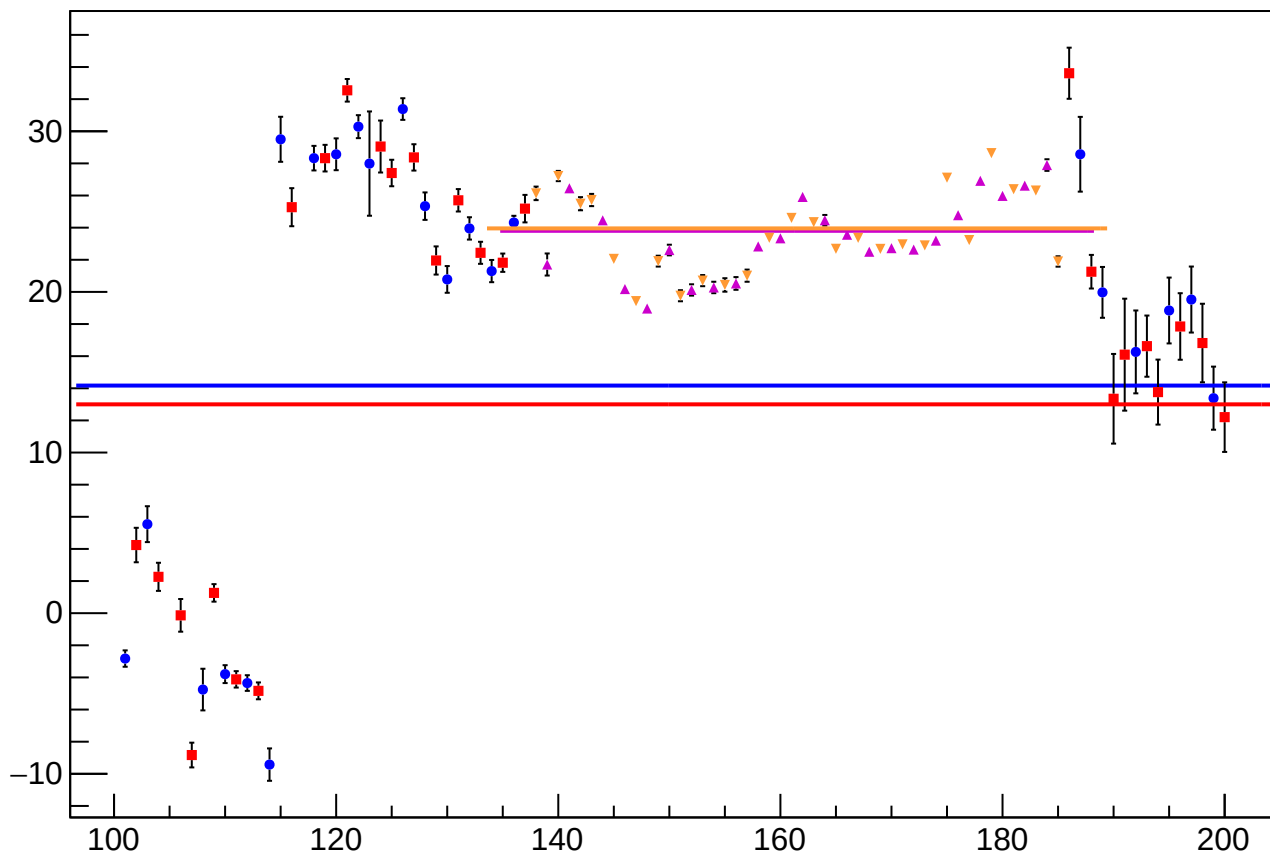
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF:7690.0/22

+ sign 25.594 $\pm$ 0.057 χ^2 /NDF: 9449.6/47

All: 25.591 $\pm$ 0.040 χ^2 /NDF: 19743.3/97

- sign 25.588 $\pm$ 0.057 χ^2 /NDF: 10293.7/49

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.169 $\pm$ 0.168 χ^2 /NDF: 7458.1/22

Left Out: 23.953 $\pm$ 0.053 χ^2 /NDF:1915.9/24

Right Out: 13.001 $\pm$ 0.167 χ^2 /NDF: 7216.1/26

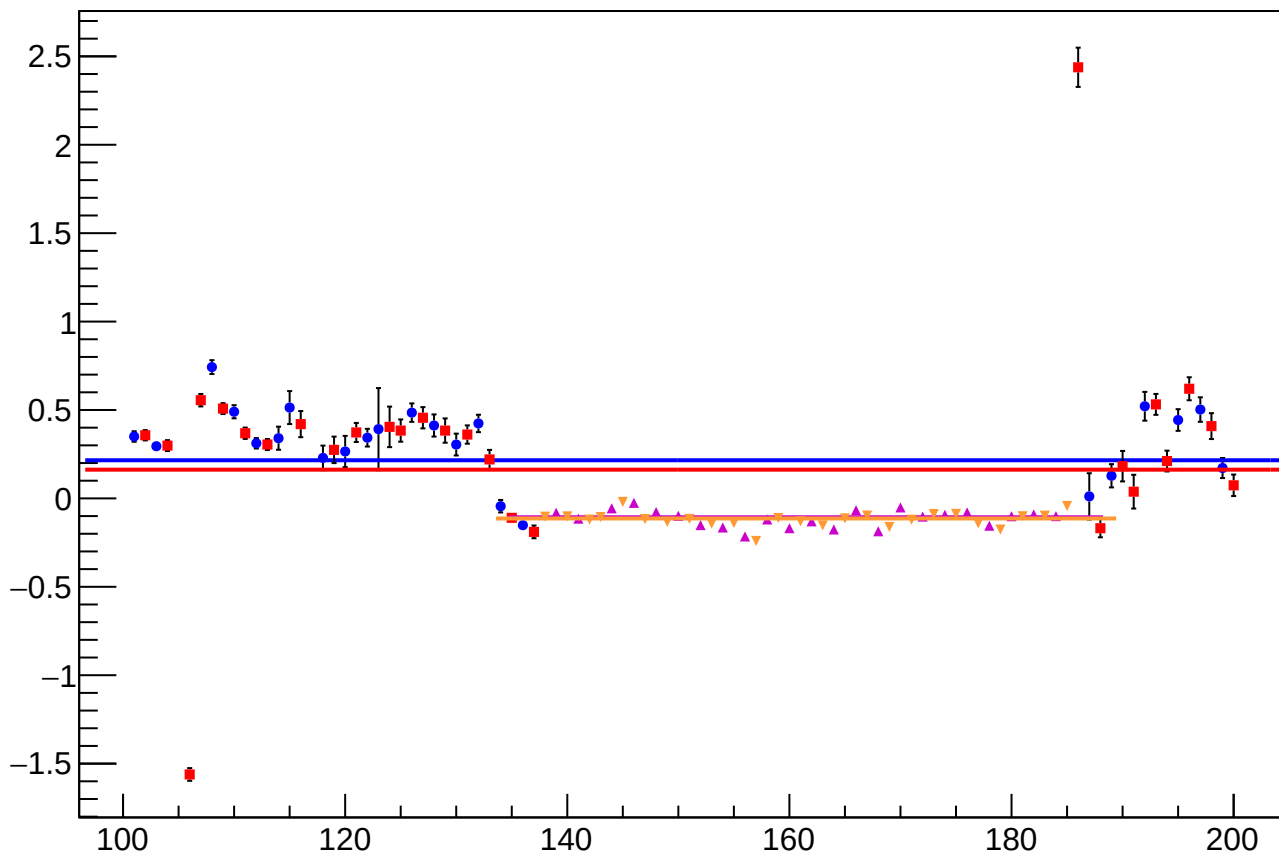
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.064 $\pm$ 0.051 χ^2 /NDF: 12445.2/47

All: 22.928 $\pm$ 0.036 χ^2 /NDF: 25217.3/97

- sign 22.788 $\pm$ 0.051 χ^2 /NDF: 12757.4/49

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.216 $\pm$ 0.009 χ^2 /NDF: 897.3/22

Left Out: -0.114 $\pm$ 0.002 χ^2 /NDF: 290.8/24

Right Out: 0.162 $\pm$ 0.009 χ^2 /NDF: 3582.1/26

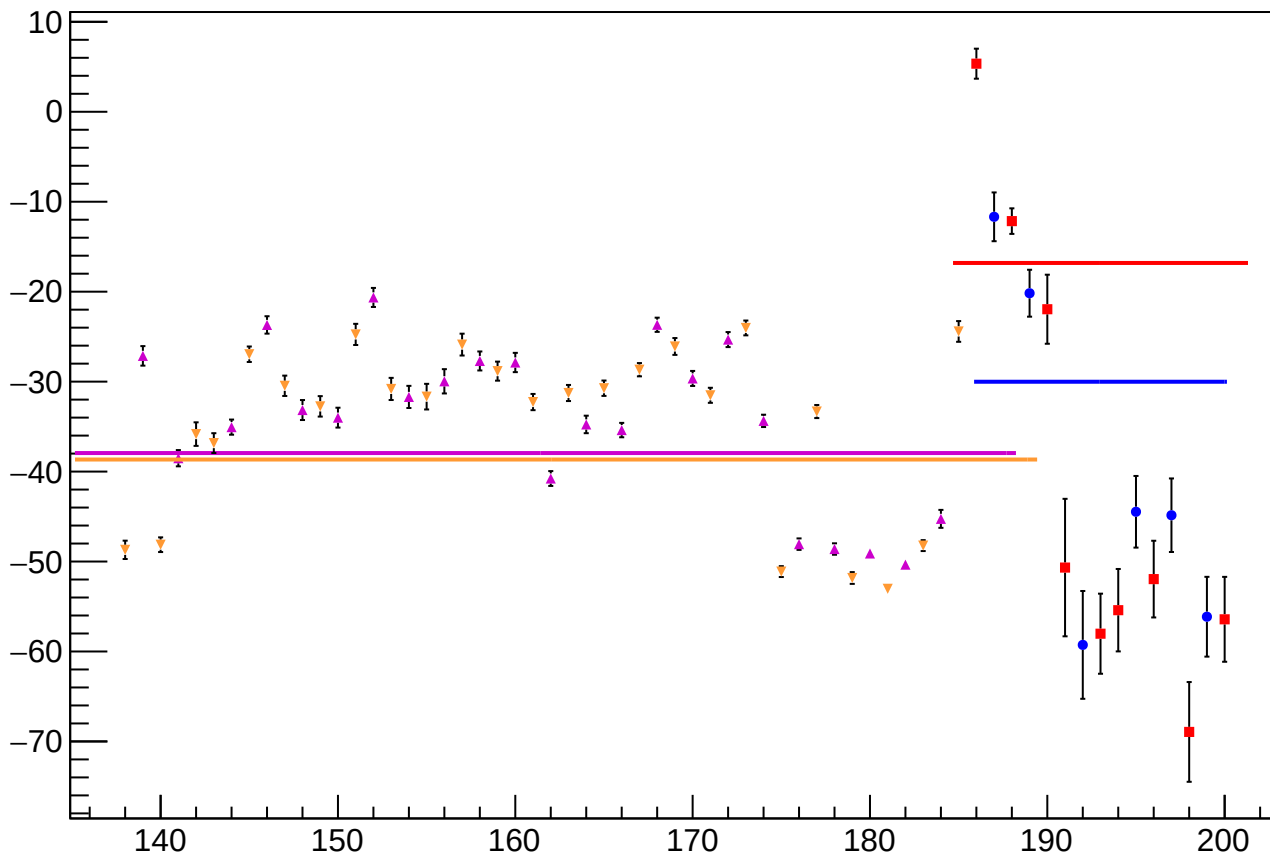
Left In: -0.107 $\pm$ 0.002 χ^2 /NDF: 322.0/22

+ sign -0.091 $\pm$ 0.002 χ^2 /NDF: 2463.3/47

All: -0.088 $\pm$ 0.002 χ^2 /NDF: 7288.8/97

- sign -0.086 $\pm$ 0.002 χ^2 /NDF: 4823.5/49

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -30.012 $\pm$ 1.436 χ^2 /NDF: 144.9/5

Left Out: -38.660 $\pm$ 0.169 χ^2 /NDF:4073.8/24

Right Out: -16.808 $\pm$ 0.925 χ^2 /NDF: 591.8/8

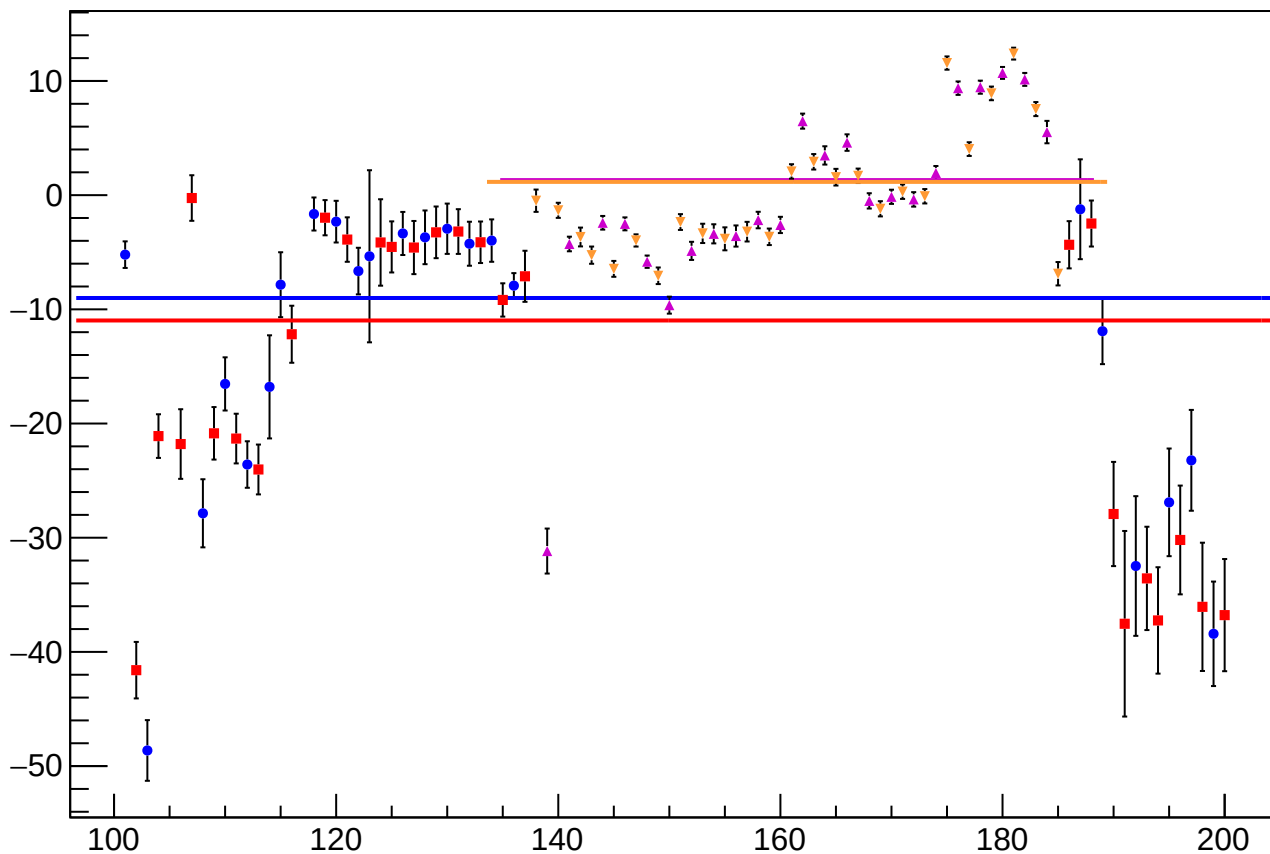
Left In: -37.939 $\pm$ 0.173 χ^2 /NDF:3133.2/22

+ sign -38.541 $\pm$ 0.168 χ^2 /NDF: 4254.4/30

All: -37.890 $\pm$ 0.119 χ^2 /NDF: 8514.4/62

- sign -37.229 $\pm$ 0.170 χ^2 /NDF: 4229.8/31

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -9.006 ± 0.446 $\chi^2/\text{NDF}: 499.8/22$

Left Out: 1.163 ± 0.136 $\chi^2/\text{NDF}: 1786.1/24$

Right Out: -10.975 ± 0.452 $\chi^2/\text{NDF}: 585.4/26$

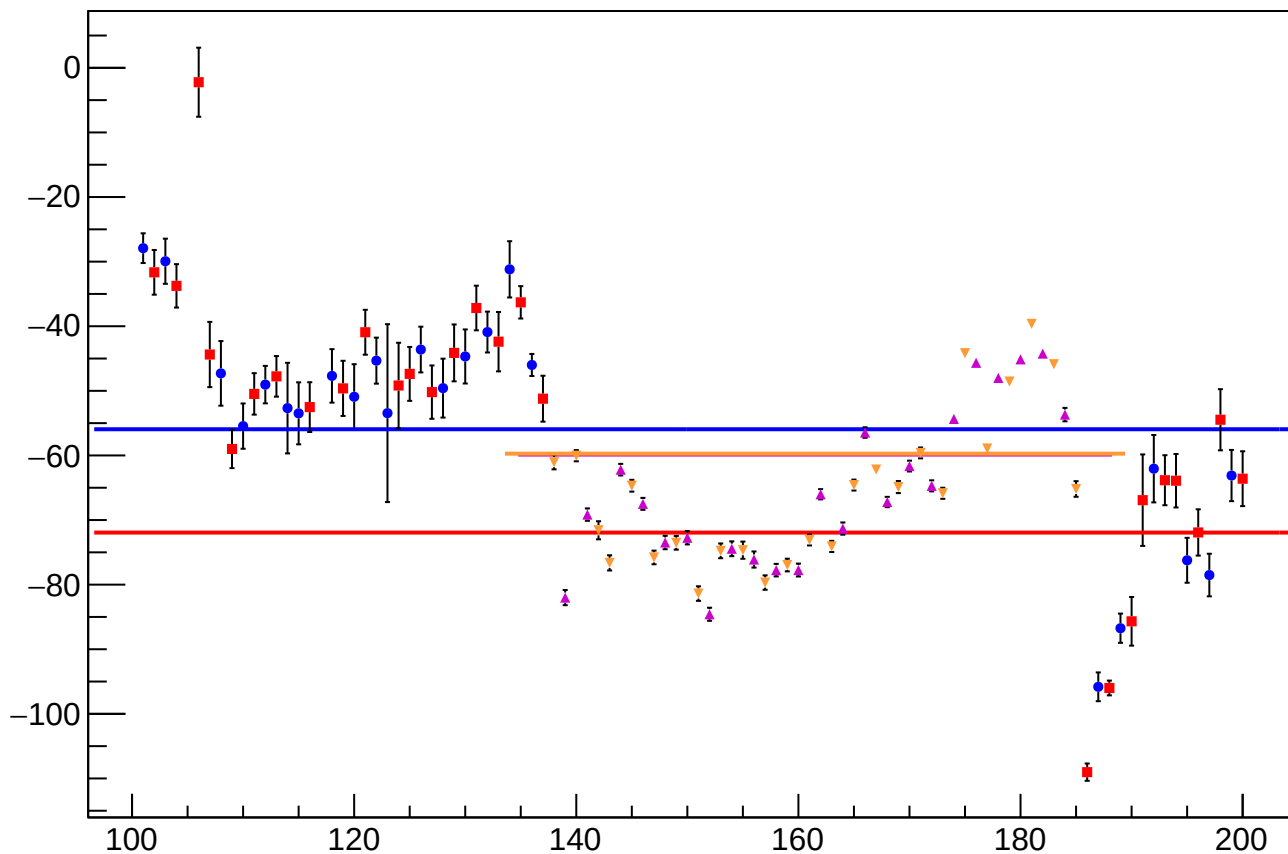
Left In: 1.319 ± 0.139 $\chi^2/\text{NDF}: 2080.7/22$

+ sign 0.294 ± 0.130 $\chi^2/\text{NDF}: 2761.2/47$

All: 0.273 ± 0.093 $\chi^2/\text{NDF}: 6102.2/97$

- sign 0.251 ± 0.133 $\chi^2/\text{NDF}: 3341.0/49$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -55.946 ± 0.689 χ^2/NDF : 928.1/22

Left Out: -59.724 ± 0.170 χ^2/NDF : 5789.8/24

Right Out: -71.942 ± 0.574 χ^2/NDF : 2461.3/26

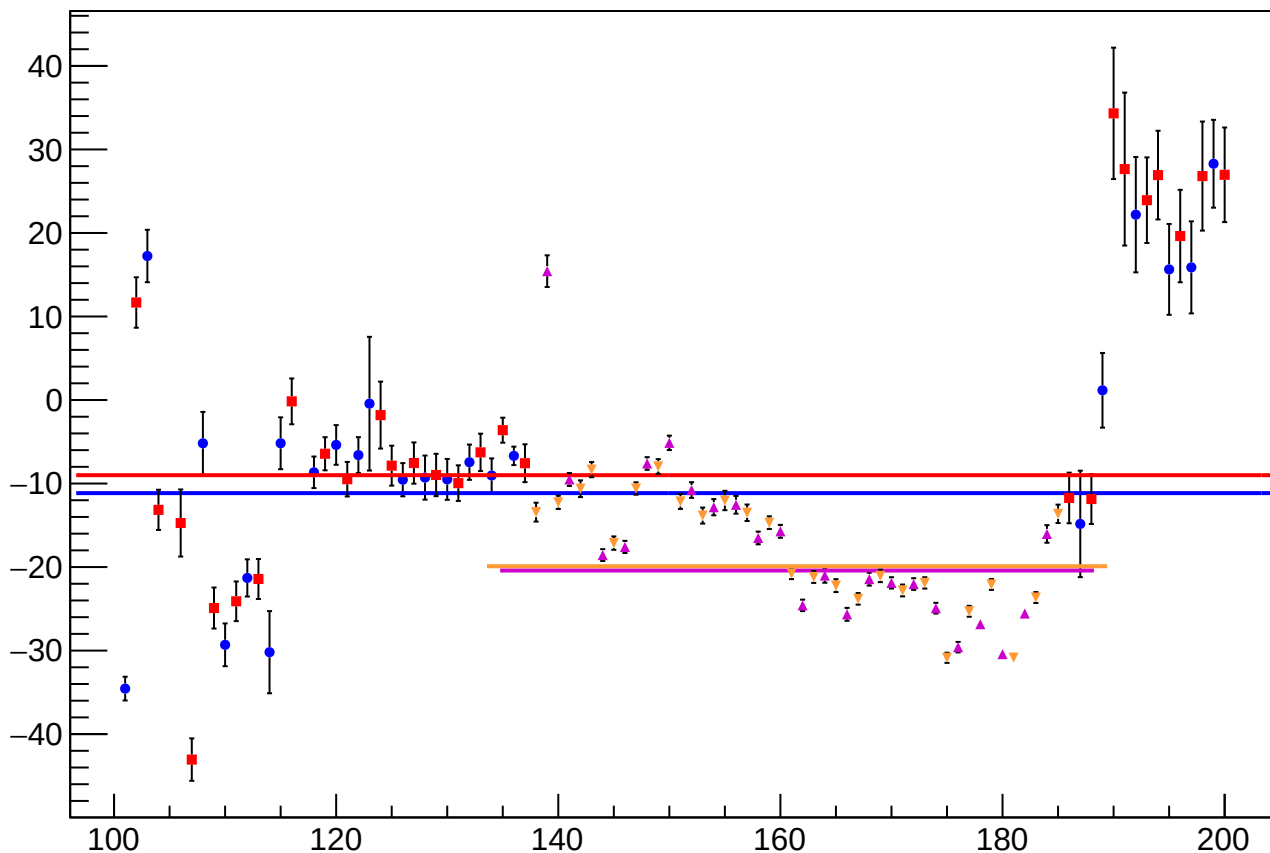
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.506 ± 0.165 χ^2/NDF : 6746.2/47

All: -60.187 ± 0.117 χ^2/NDF : 14922.7/97

- sign -60.867 ± 0.165 χ^2/NDF : 8142.6/49

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -11.147 ± 0.506 $\chi^2/\text{NDF}: 617.0/22$

Left Out: -19.902 ± 0.153 $\chi^2/\text{NDF}: 1904.7/24$

Right Out: -9.000 ± 0.522 $\chi^2/\text{NDF}: 604.3/26$

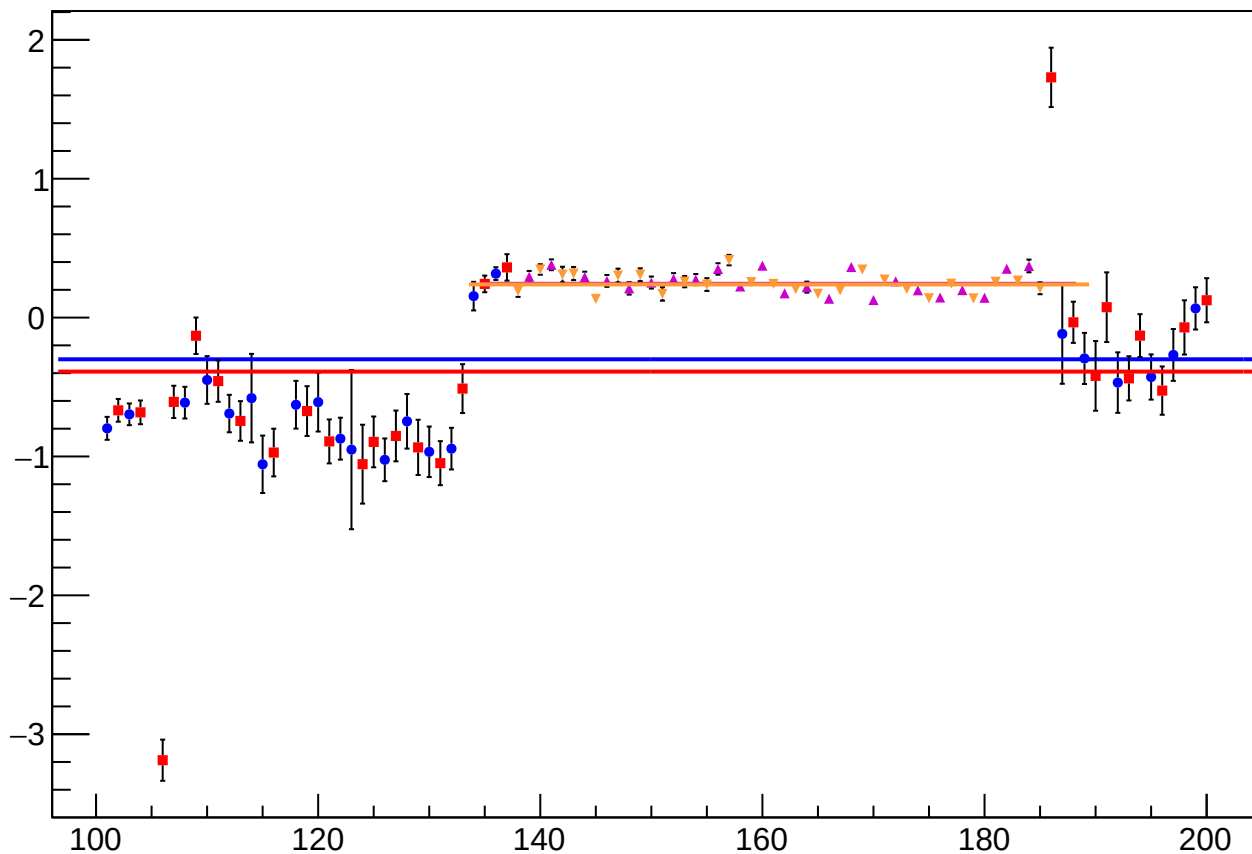
Left In: -20.412 ± 0.156 $\chi^2/\text{NDF}: 2345.4/22$

+ sign -19.168 ± 0.147 $\chi^2/\text{NDF}: 2795.7/47$

All: -19.319 ± 0.105 $\chi^2/\text{NDF}: 6185.7/97$

- sign -19.476 ± 0.150 $\chi^2/\text{NDF}: 3387.9/49$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.300 ± 0.026 $\chi^2/\text{NDF}: 379.8/22$

Left Out: 0.239 ± 0.007 $\chi^2/\text{NDF}: 93.5/24$

Right Out: -0.389 ± 0.026 $\chi^2/\text{NDF}: 759.0/26$

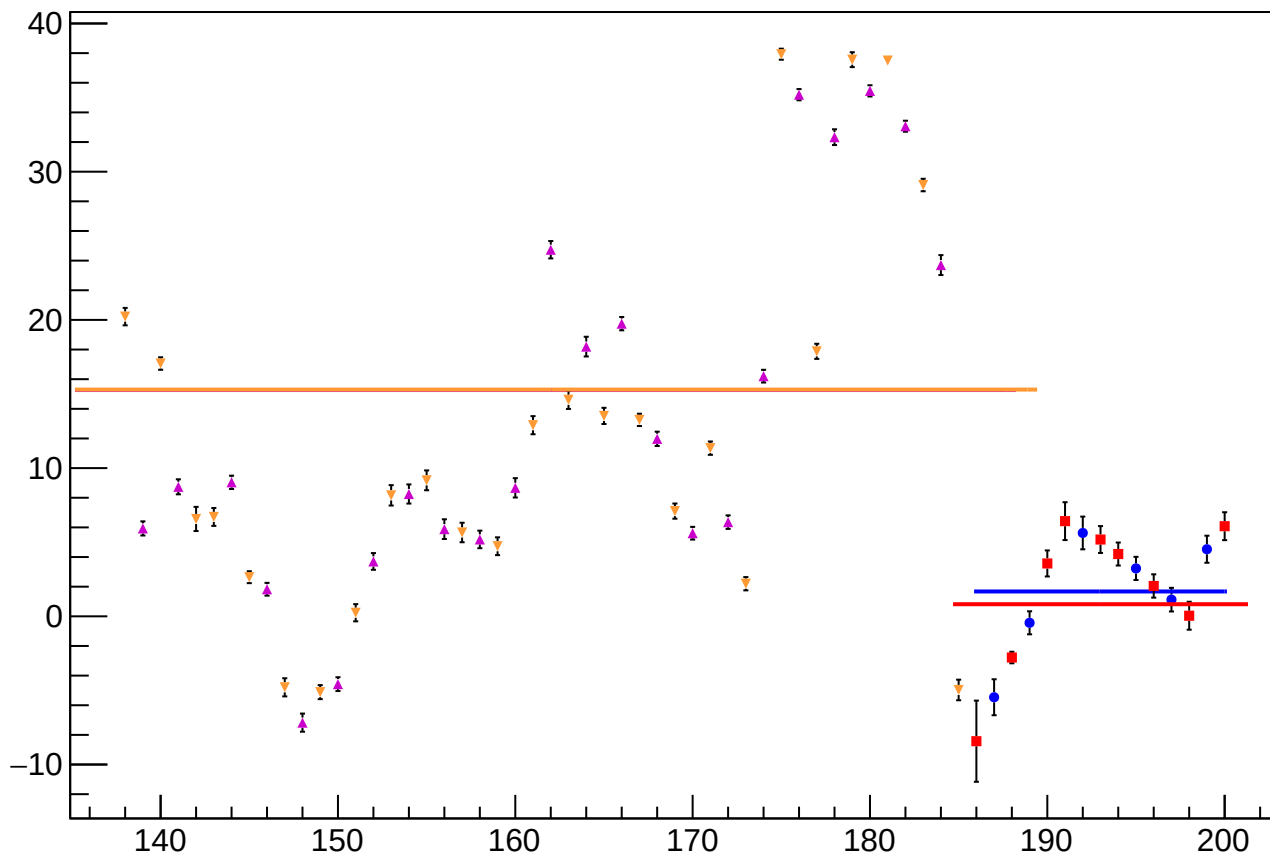
Left In: 0.243 ± 0.007 $\chi^2/\text{NDF}: 139.2/22$

+ sign 0.202 ± 0.007 $\chi^2/\text{NDF}: 876.4/47$

All: 0.200 ± 0.005 $\chi^2/\text{NDF}: 2331.6/97$

- sign 0.198 ± 0.007 $\chi^2/\text{NDF}: 1455.1/49$

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.677 ± 0.364 χ^2/NDF : 68.9/5

Left Out: 15.298 ± 0.101 χ^2/NDF : 19135.0/24

Right Out: 0.817 ± 0.255 χ^2/NDF : 202.7/8

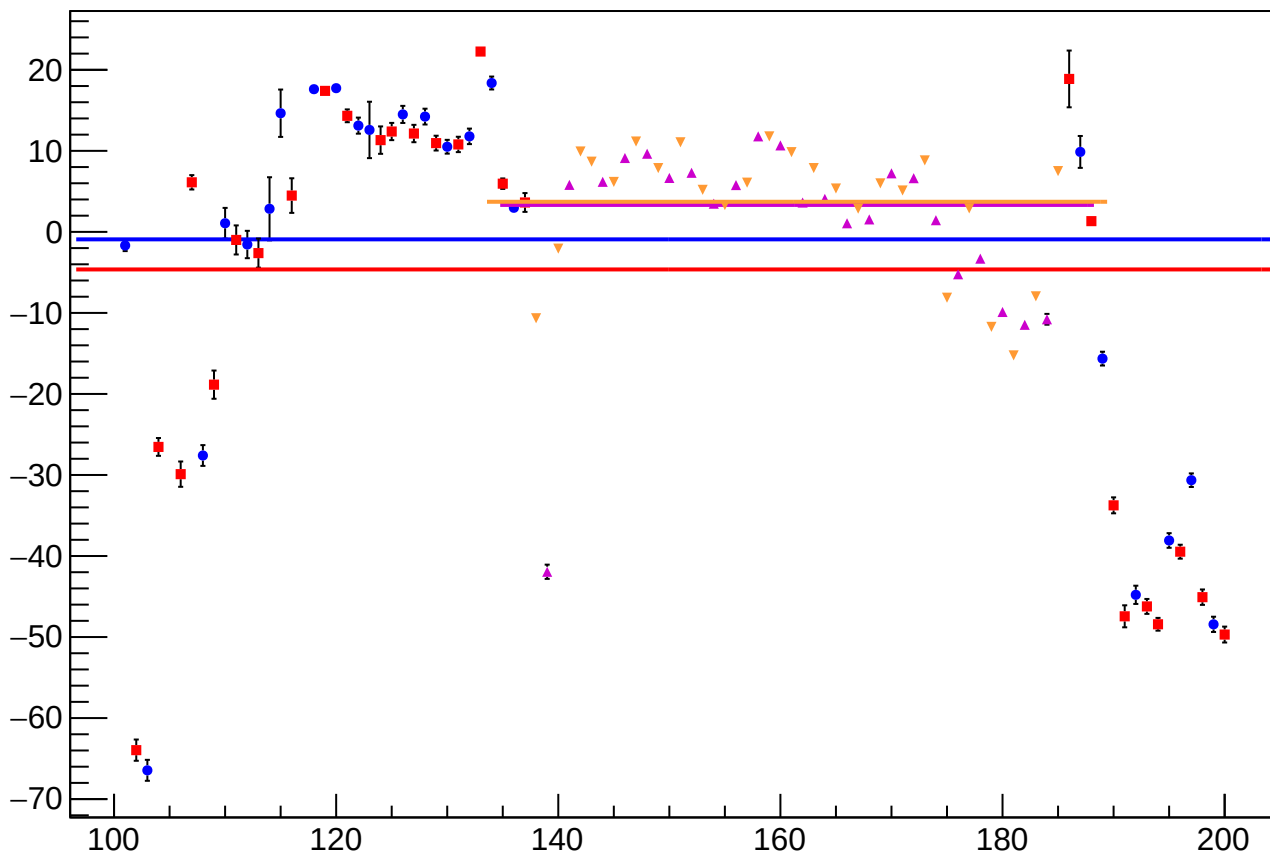
Left In: 15.268 ± 0.102 χ^2/NDF : 16406.3/22

+ sign 14.329 ± 0.097 χ^2/NDF : 20507.0/30

All: 13.786 ± 0.068 χ^2/NDF : 39949.6/62

- sign 13.267 ± 0.095 χ^2/NDF : 19381.4/31

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -0.922 ± 0.190 χ^2/NDF : 14445.4/22

Left Out: 3.717 ± 0.079 χ^2/NDF : 9201.0/24

Right Out: -4.635 ± 0.174 χ^2/NDF : 22861.0/26

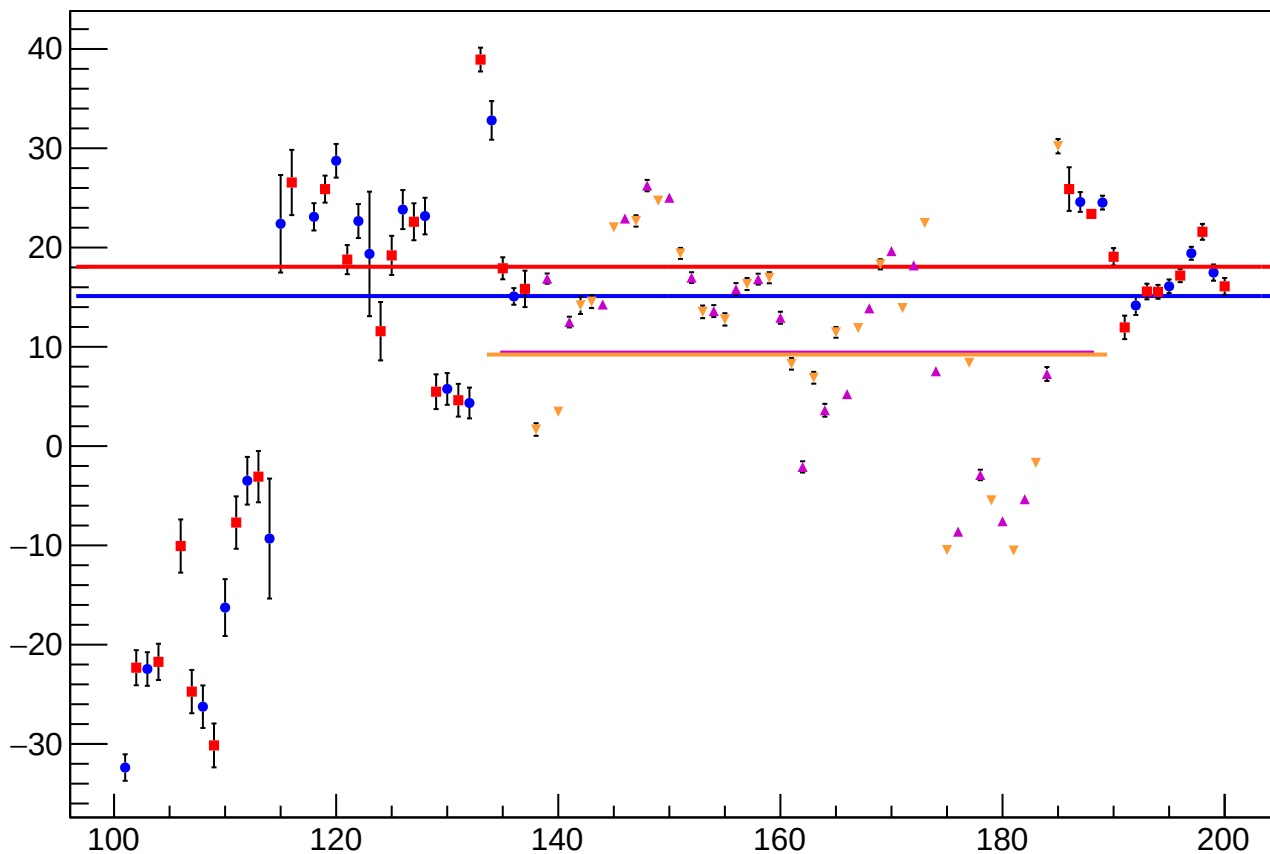
Left In: 3.327 ± 0.081 χ^2/NDF : 8830.5/22

+ sign 3.032 ± 0.073 χ^2/NDF : 24156.5/47

All: 2.477 ± 0.052 χ^2/NDF : 57681.1/97

- sign 1.913 ± 0.073 χ^2/NDF : 33407.6/49

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 15.113 $\pm$ 0.251 χ^2 /NDF: 2977.5/22

Left Out: 9.220 $\pm$ 0.101 χ^2 /NDF:13617.0/24

Right Out: 18.065 $\pm$ 0.193 χ^2 /NDF: 2979.2/26

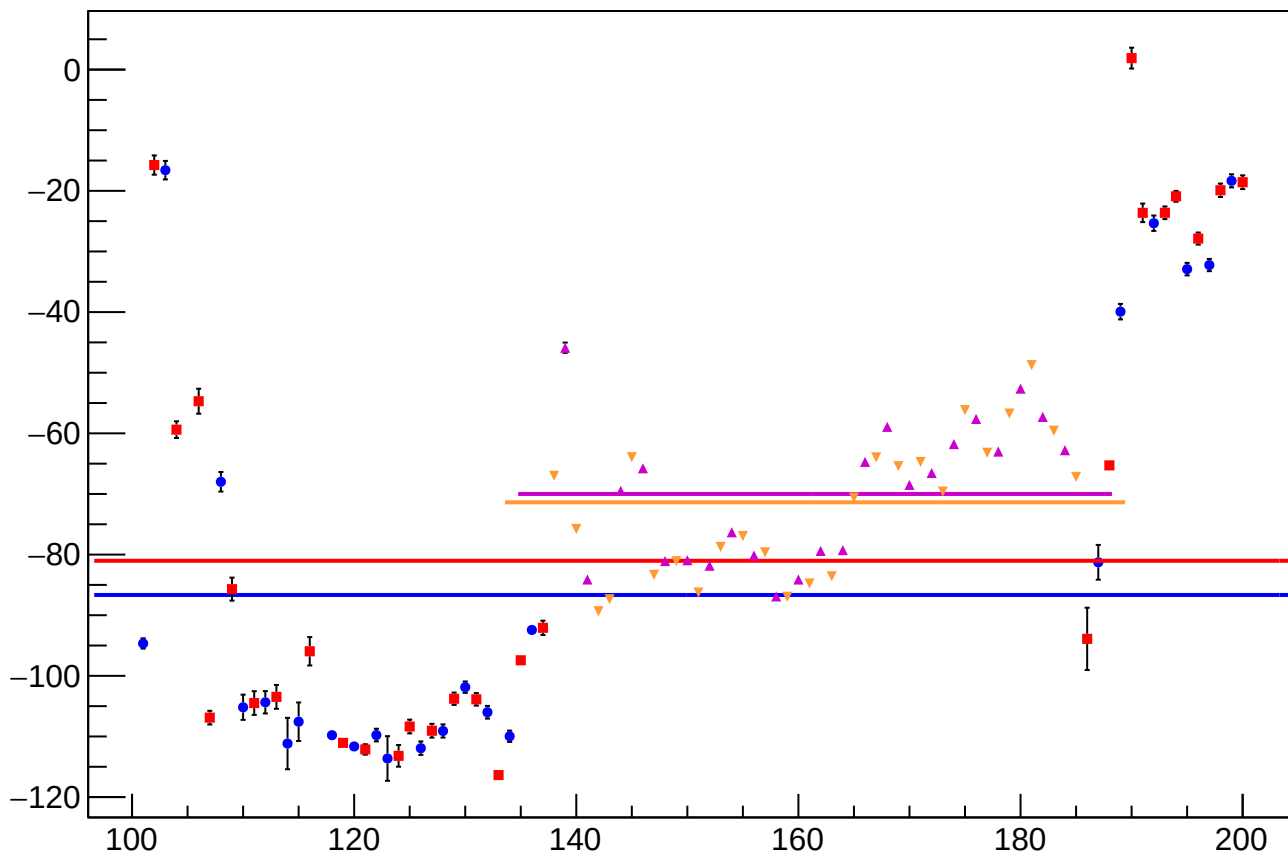
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 10.042 $\pm$ 0.094 χ^2 /NDF: 17068.5/47

All: 10.700 $\pm$ 0.065 χ^2 /NDF: 33790.1/97

- sign 11.309 $\pm$ 0.090 χ^2 /NDF: 16626.9/49

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -86.661 ± 0.222 χ^2/NDF : 21006.0/22

Left Out: -71.379 ± 0.089 χ^2/NDF : 16226.2/24

Right Out: -81.021 ± 0.206 χ^2/NDF : 33908.1/26

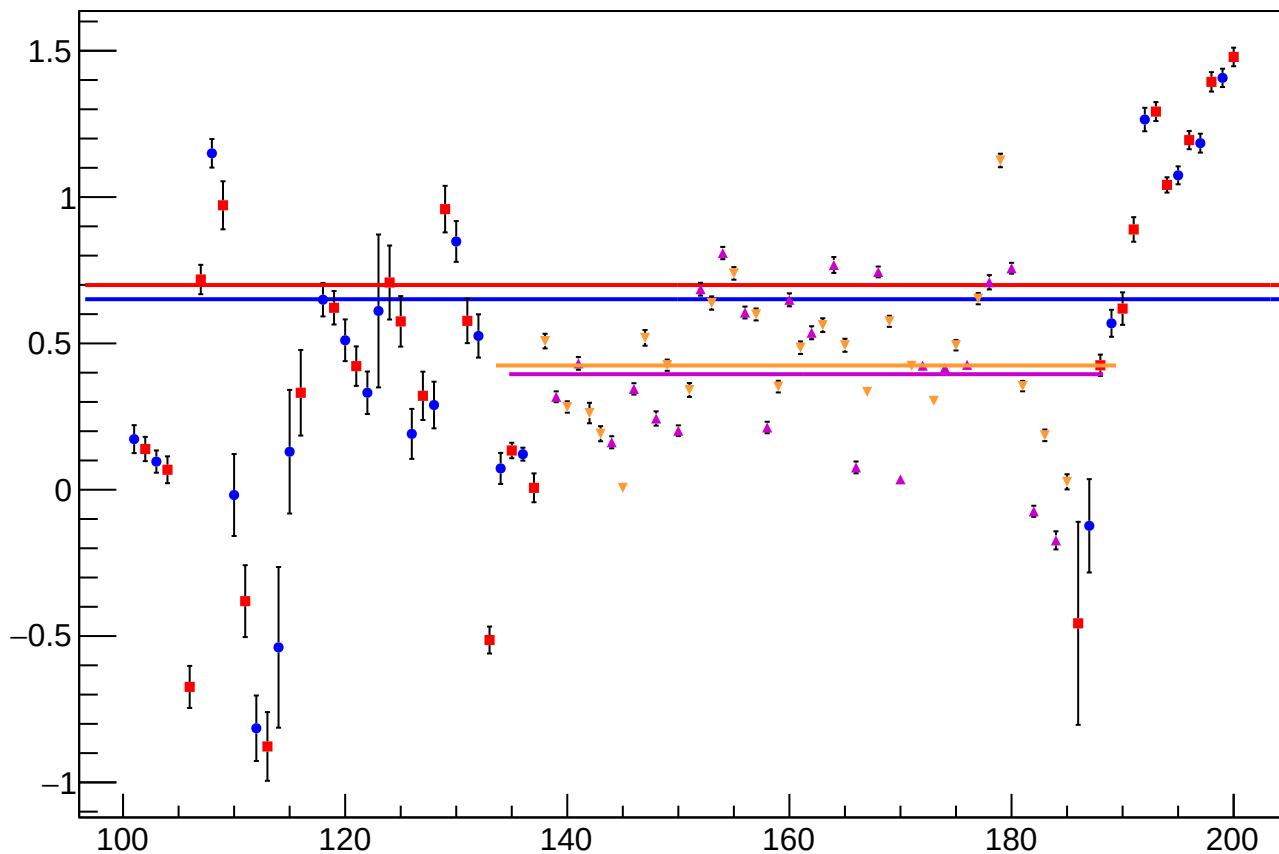
Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

+ sign -73.523 ± 0.083 χ^2/NDF : 41323.9/47

All: -72.671 ± 0.059 χ^2/NDF : 91017.8/97

- sign -71.807 ± 0.084 χ^2/NDF : 49481.7/49

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.651 ± 0.010 χ^2/NDF : 2722.1/22

Left Out: 0.425 ± 0.004 χ^2/NDF : 2866.9/24

Right Out: 0.699 ± 0.009 χ^2/NDF : 4310.1/26

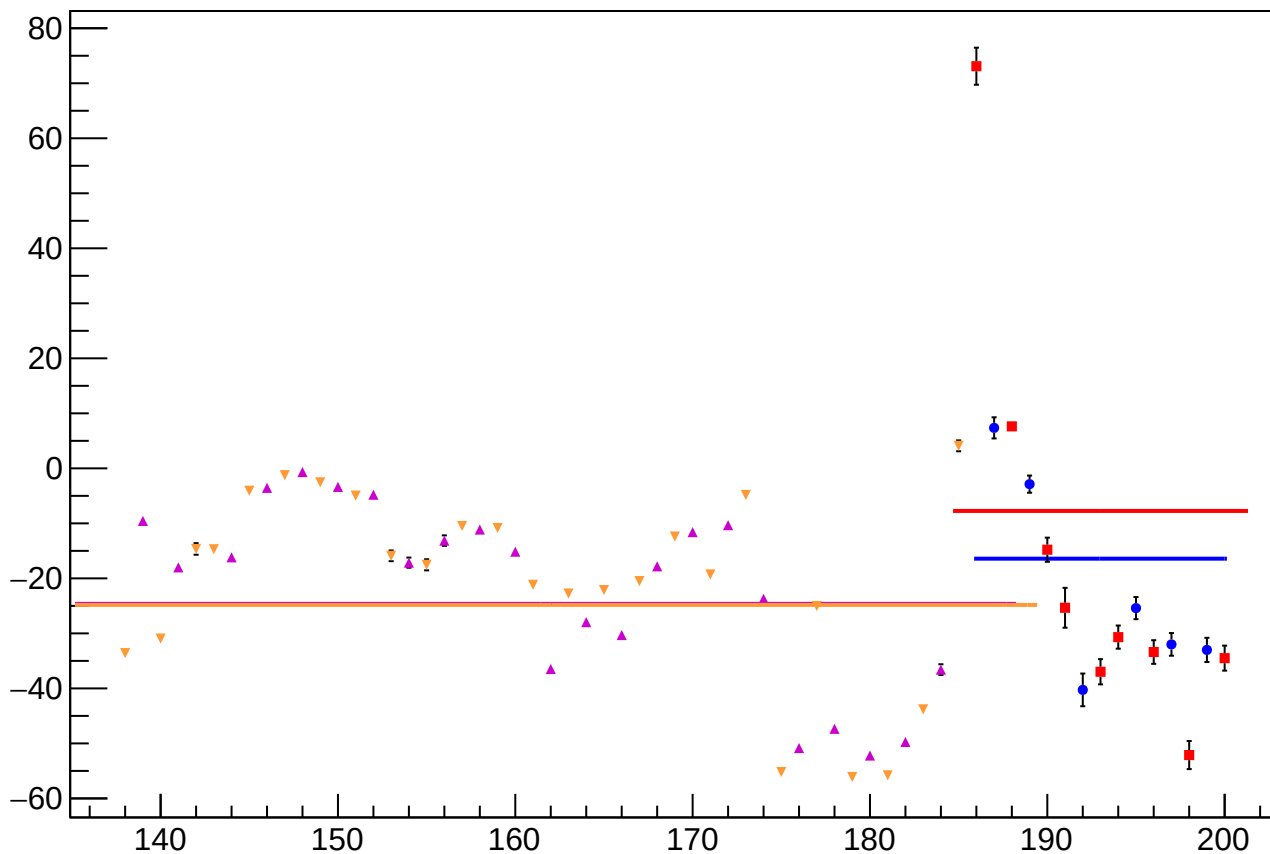
Left In: 0.395 ± 0.004 χ^2/NDF : 4063.1/22

+ sign 0.456 ± 0.004 χ^2/NDF : 6016.1/47

All: 0.452 ± 0.003 χ^2/NDF : 15347.1/97

- sign 0.449 ± 0.004 χ^2/NDF : 9328.9/49

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -16.417 ± 0.821 χ^2/NDF : 426.8/5

Left Out: -24.824 ± 0.140 χ^2/NDF : 18274.6/24

Right Out: -7.743 ± 0.586 χ^2/NDF : 1843.6/8

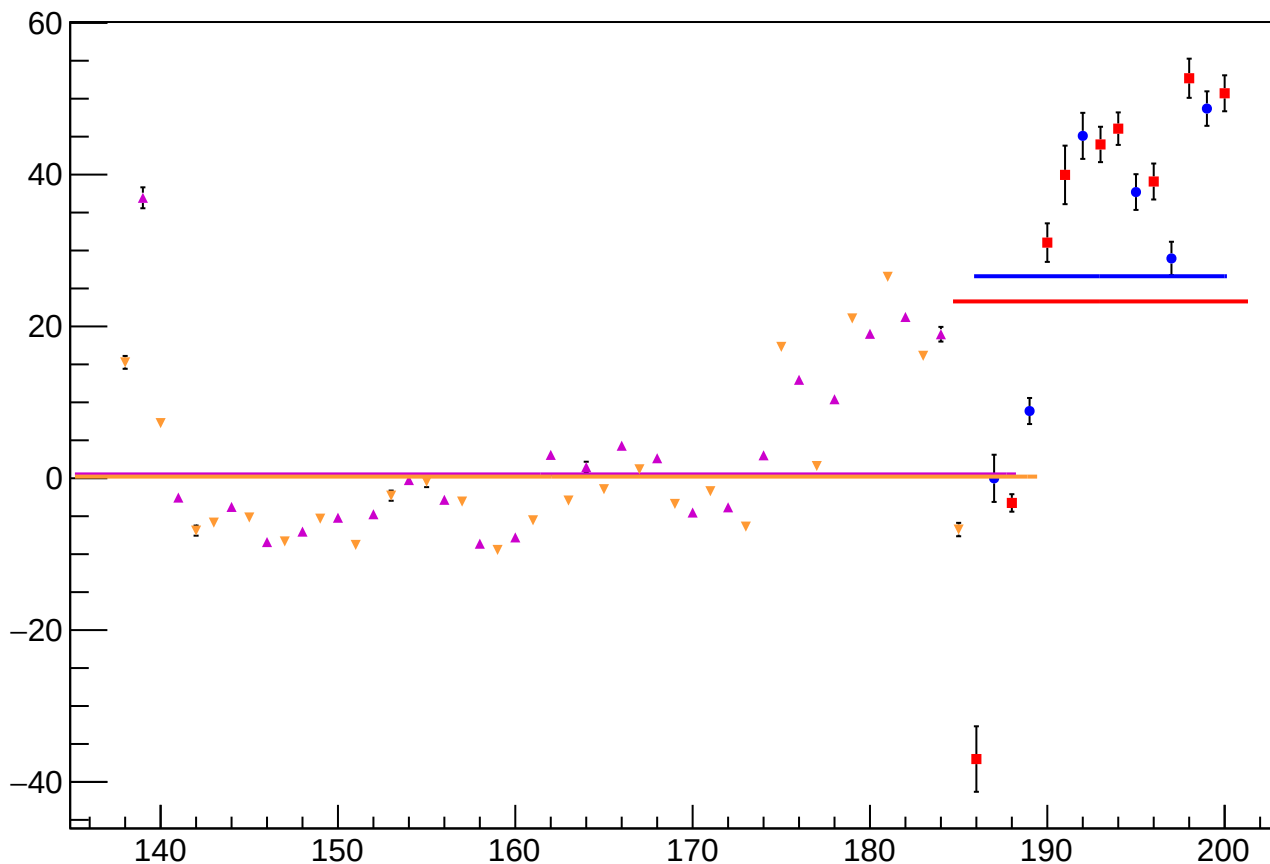
Left In: -24.635 ± 0.142 χ^2/NDF : 14947.9/22

+ sign -24.587 ± 0.138 χ^2/NDF : 18803.3/30

All: -24.144 ± 0.097 χ^2/NDF : 36400.4/62

- sign -23.698 ± 0.138 χ^2/NDF : 17576.3/31

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 26.612 $\pm$ 0.940 χ^2/NDF : 335.1/5

Left Out: 0.218 $\pm$ 0.109 χ^2/NDF : 8252.6/24

Right Out: 23.294 $\pm$ 0.718 χ^2/NDF : 1253.8/8

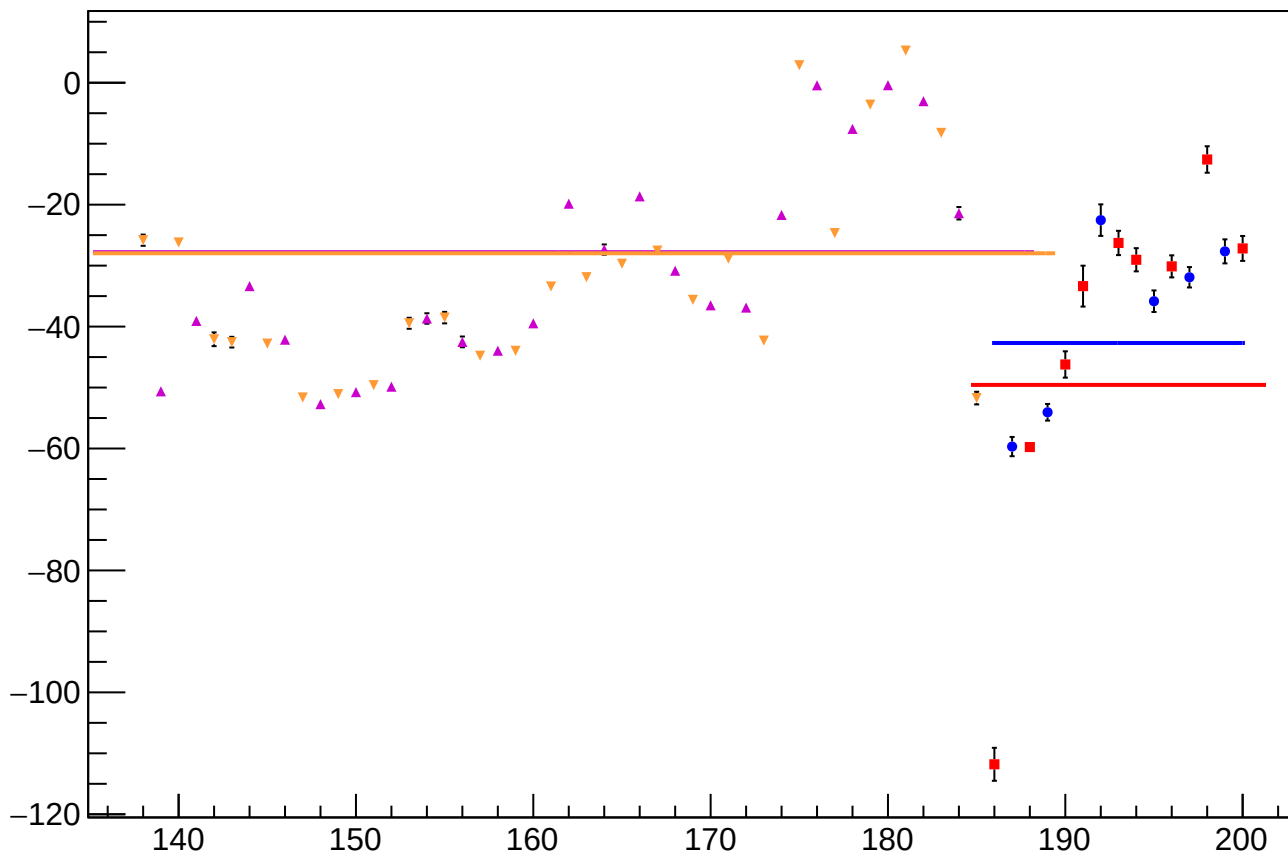
Left In: 0.507 $\pm$ 0.112 χ^2/NDF : 6626.9/22

+ sign 0.567 $\pm$ 0.108 χ^2/NDF : 9366.2/30

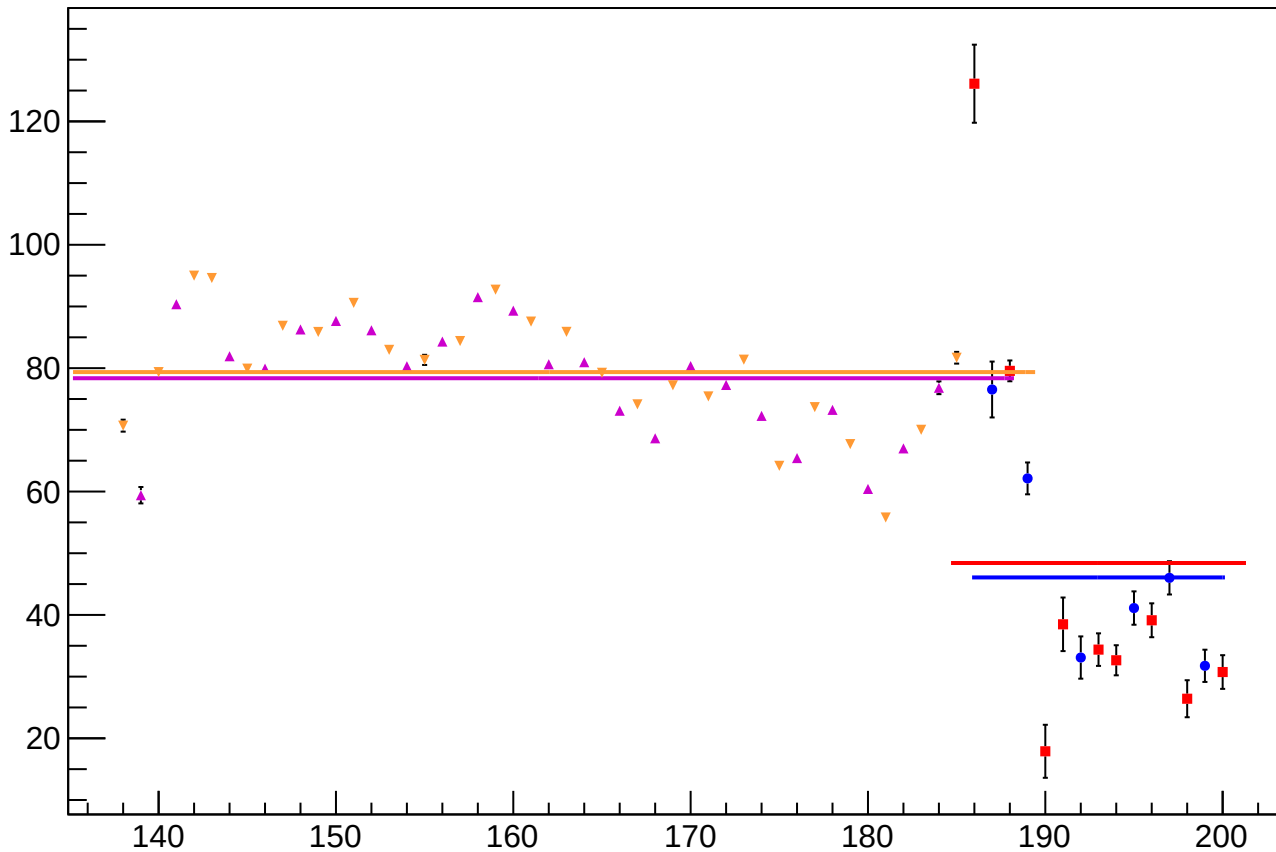
All: 0.801 $\pm$ 0.077 χ^2/NDF : 18239.0/62

- sign 1.046 $\pm$ 0.110 χ^2/NDF : 8863.2/31

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 46.077 ± 1.191 $\chi^2/\text{NDF}: 131.7/5$

Left Out: 79.364 ± 0.123 $\chi^2/\text{NDF}: 5966.3/24$

Right Out: 48.417 ± 0.923 $\chi^2/\text{NDF}: 724.7/8$

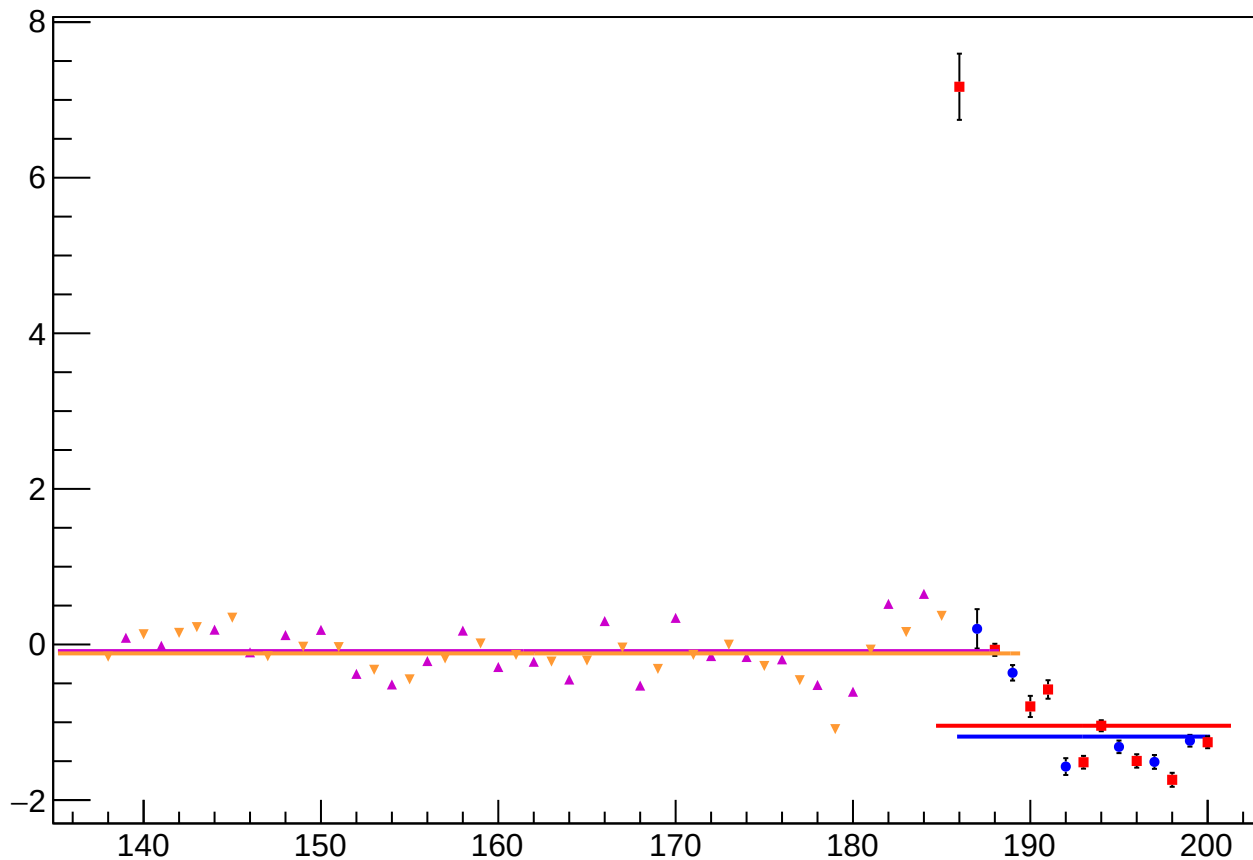
Left In: 78.367 ± 0.126 $\chi^2/\text{NDF}: 4735.5/22$

+ sign 79.010 ± 0.123 $\chi^2/\text{NDF}: 6870.6/30$

All: 78.424 ± 0.088 $\chi^2/\text{NDF}: 13410.3/62$

- sign 77.816 ± 0.125 $\chi^2/\text{NDF}: 6493.3/31$

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -1.184 ± 0.039 χ^2/NDF : 126.6/5

Left Out: -0.115 ± 0.006 χ^2/NDF : 2288.7/24

Right Out: -1.045 ± 0.031 χ^2/NDF : 676.3/8

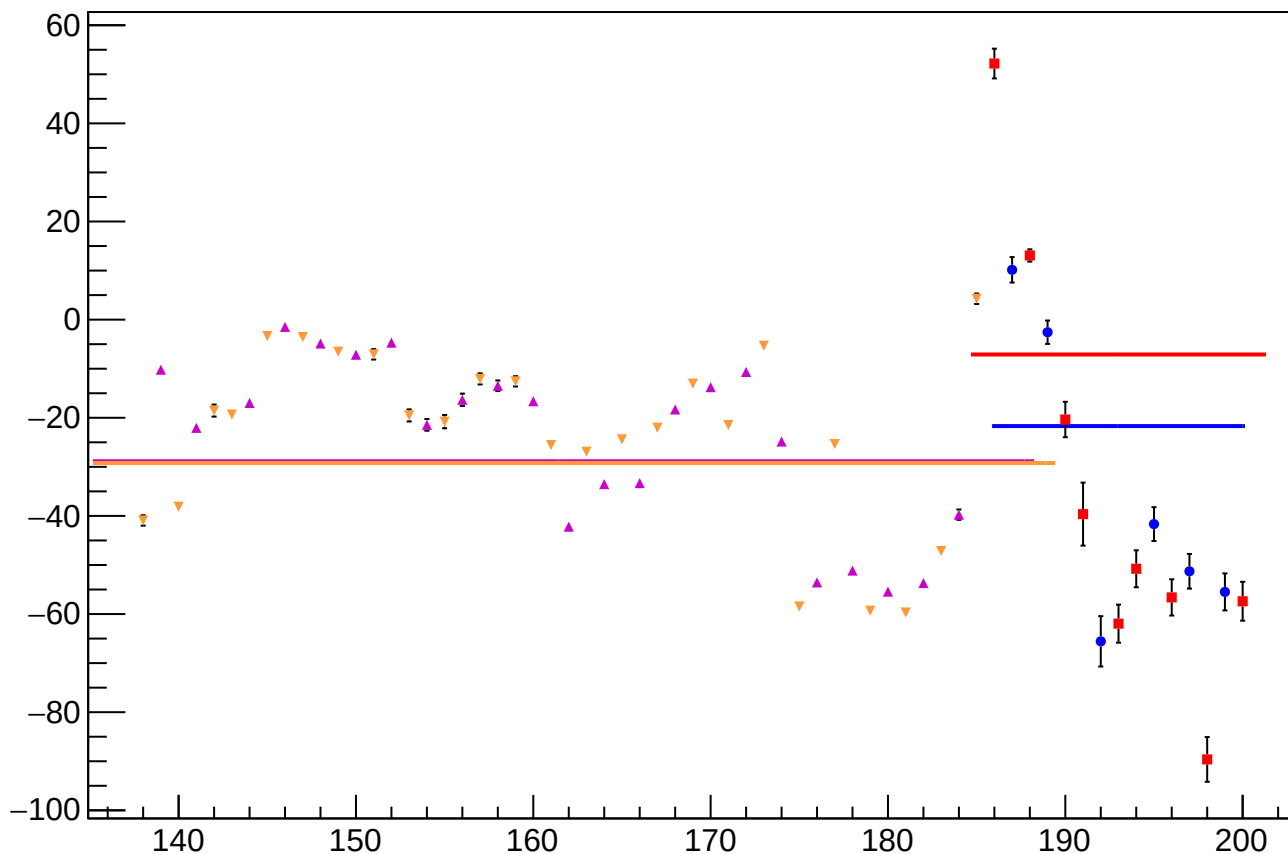
Left In: -0.085 ± 0.006 χ^2/NDF : 3148.4/22

+ sign -0.137 ± 0.006 χ^2/NDF : 3151.5/30

All: -0.128 ± 0.004 χ^2/NDF : 7935.1/62

- sign -0.118 ± 0.006 χ^2/NDF : 4778.0/31

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -21.692 ± 1.294 χ^2/NDF : 472.4/5

Left Out: -29.227 ± 0.157 χ^2/NDF : 16880.0/24

Right Out: -7.099 ± 0.925 χ^2/NDF : 1684.2/8

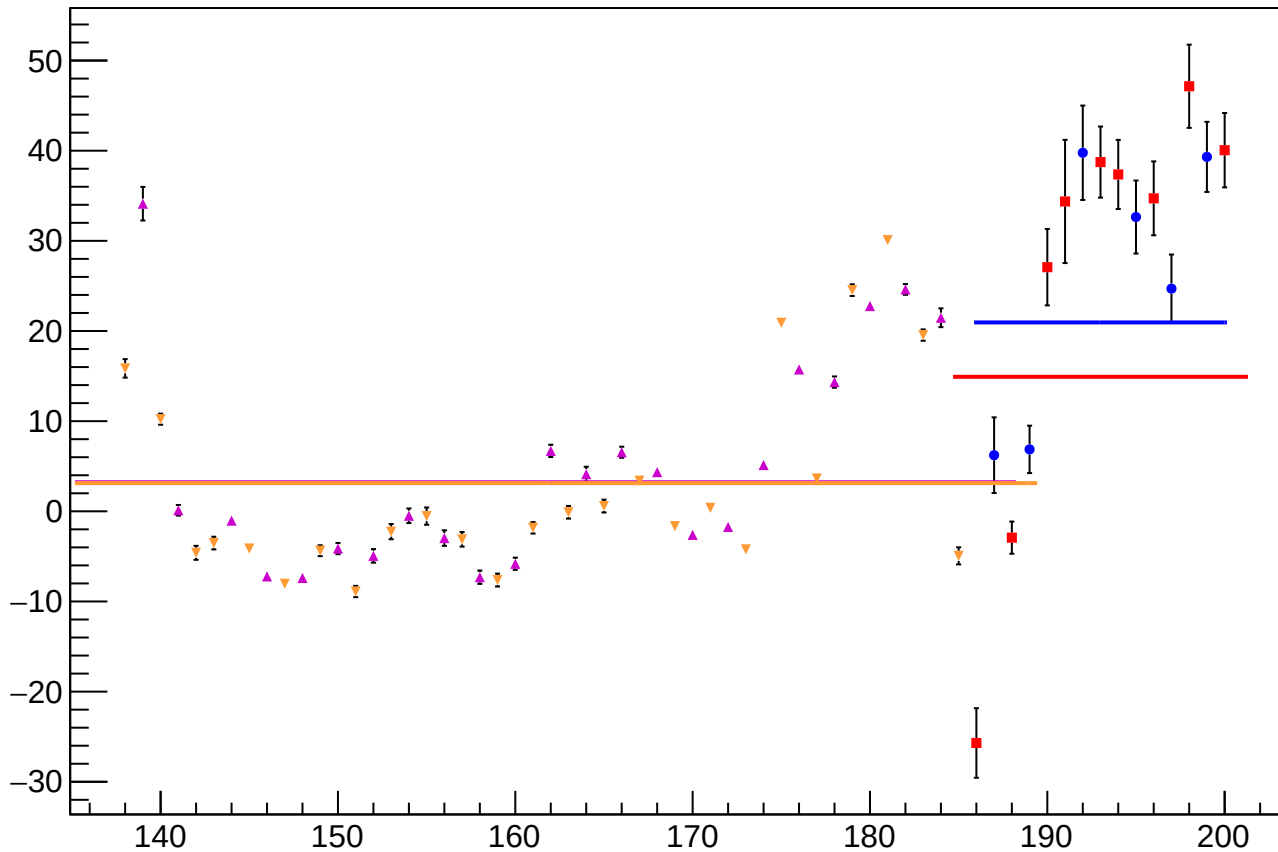
Left In: -28.857 ± 0.159 χ^2/NDF : 13553.6/22

+ sign -29.118 ± 0.156 χ^2/NDF : 17385.8/30

All: -28.677 ± 0.111 χ^2/NDF : 33177.3/62

- sign -28.232 ± 0.157 χ^2/NDF : 15775.5/31

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 20.950 $\pm$ 1.517 χ^2/NDF : 85.5/5

Left Out: 3.126 $\pm$ 0.125 χ^2/NDF :8049.0/24

Right Out: 14.920 $\pm$ 1.150 χ^2/NDF : 407.0/8

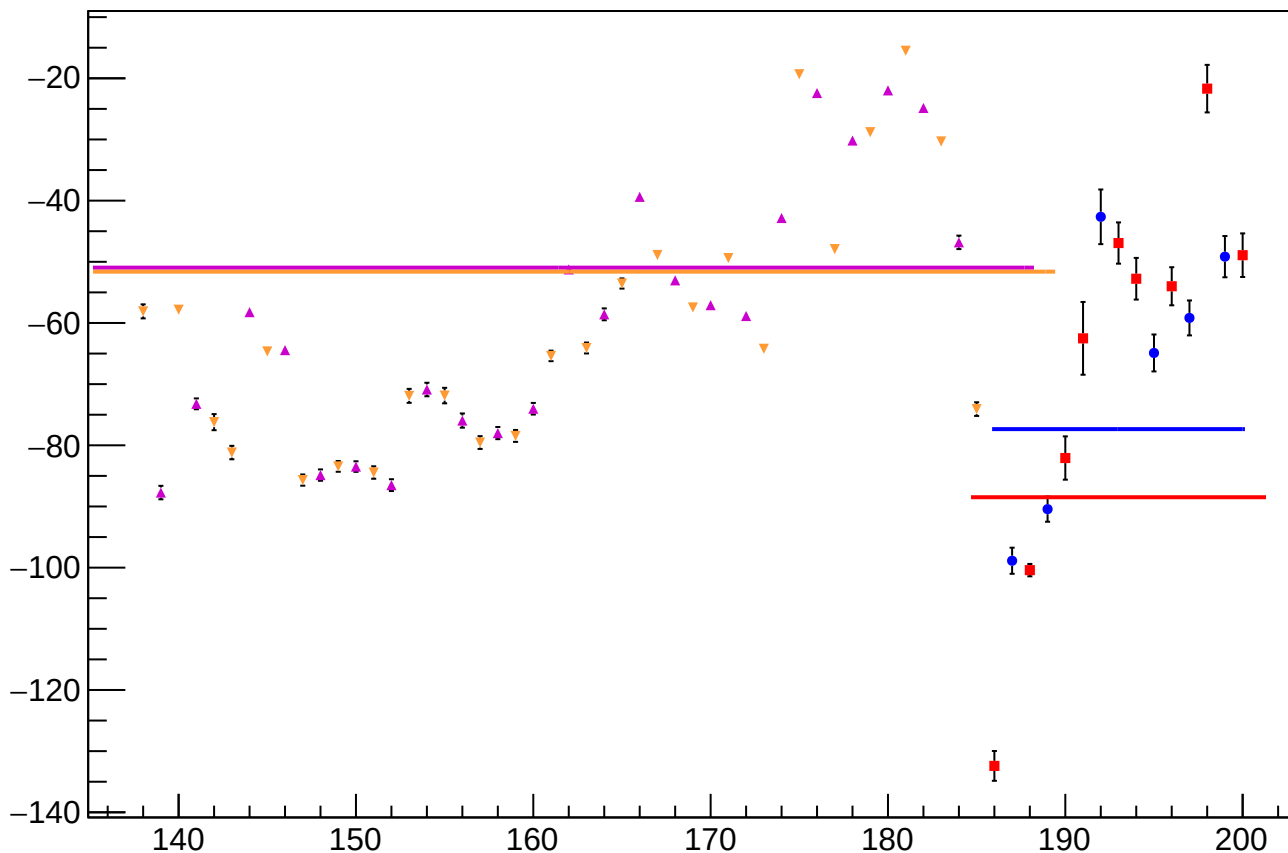
Left In: 3.224 $\pm$ 0.127 χ^2/NDF :6274.0/22

+ sign 3.245 $\pm$ 0.124 χ^2/NDF : 8271.7/30

All: 3.304 $\pm$ 0.088 χ^2/NDF : 15055.3/62

- sign 3.364 $\pm$ 0.126 χ^2/NDF : 6783.2/31

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -77.353 ± 1.100 $\chi^2/\text{NDF}: 329.9/5$

Left Out: -51.610 ± 0.158 $\chi^2/\text{NDF}: 19384.9/24$

Right Out: -88.488 ± 0.772 $\chi^2/\text{NDF}: 1290.2/8$

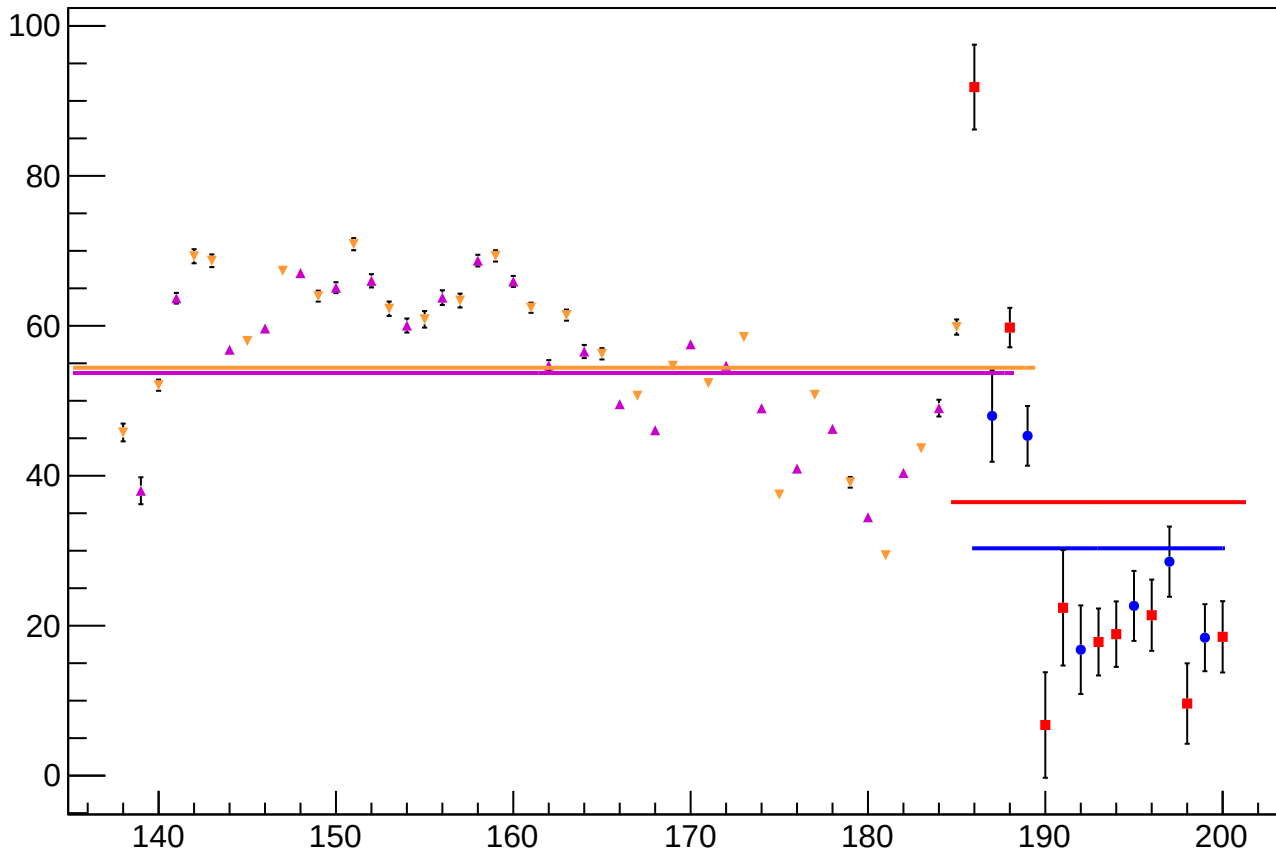
Left In: -50.954 ± 0.159 $\chi^2/\text{NDF}: 17472.2/22$

+ sign -52.131 ± 0.157 $\chi^2/\text{NDF}: 20251.0/30$

All: -52.311 ± 0.111 $\chi^2/\text{NDF}: 41283.1/62$

- sign -52.490 ± 0.156 $\chi^2/\text{NDF}: 21029.5/31$

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 30.323 ± 1.961 χ^2/NDF : 37.7/5

Left Out: 54.407 ± 0.141 χ^2/NDF : 6200.4/24

Right Out: 36.478 ± 1.510 χ^2/NDF : 278.3/8

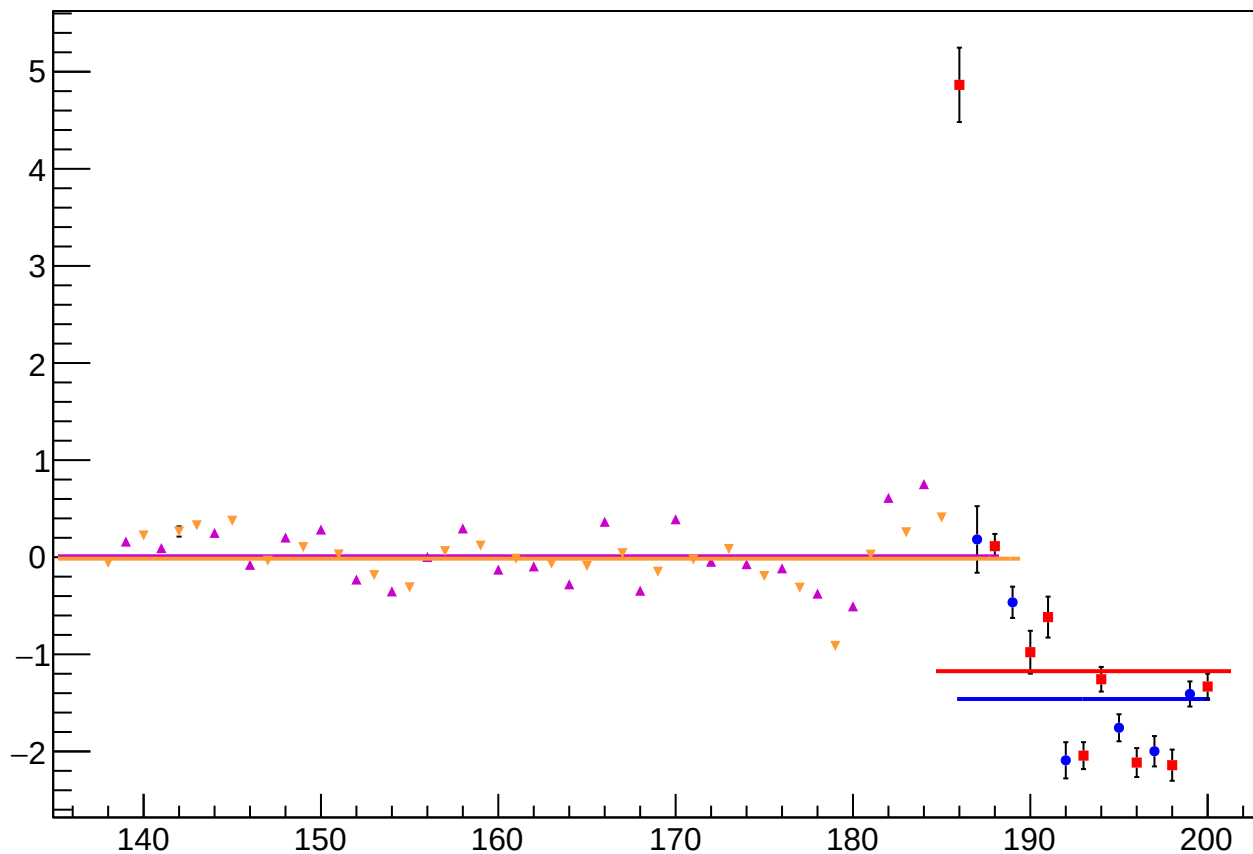
Left In: 53.704 ± 0.143 χ^2/NDF : 4603.5/22

+ sign 54.284 ± 0.140 χ^2/NDF : 6388.2/30

All: 53.922 ± 0.100 χ^2/NDF : 11412.4/62

- sign 53.551 ± 0.142 χ^2/NDF : 5010.7/31

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -1.460 ± 0.066 χ^2/NDF : 89.2/5

Left Out: -0.015 ± 0.006 χ^2/NDF : 1645.9/24

Right Out: -1.173 ± 0.052 χ^2/NDF : 478.3/8

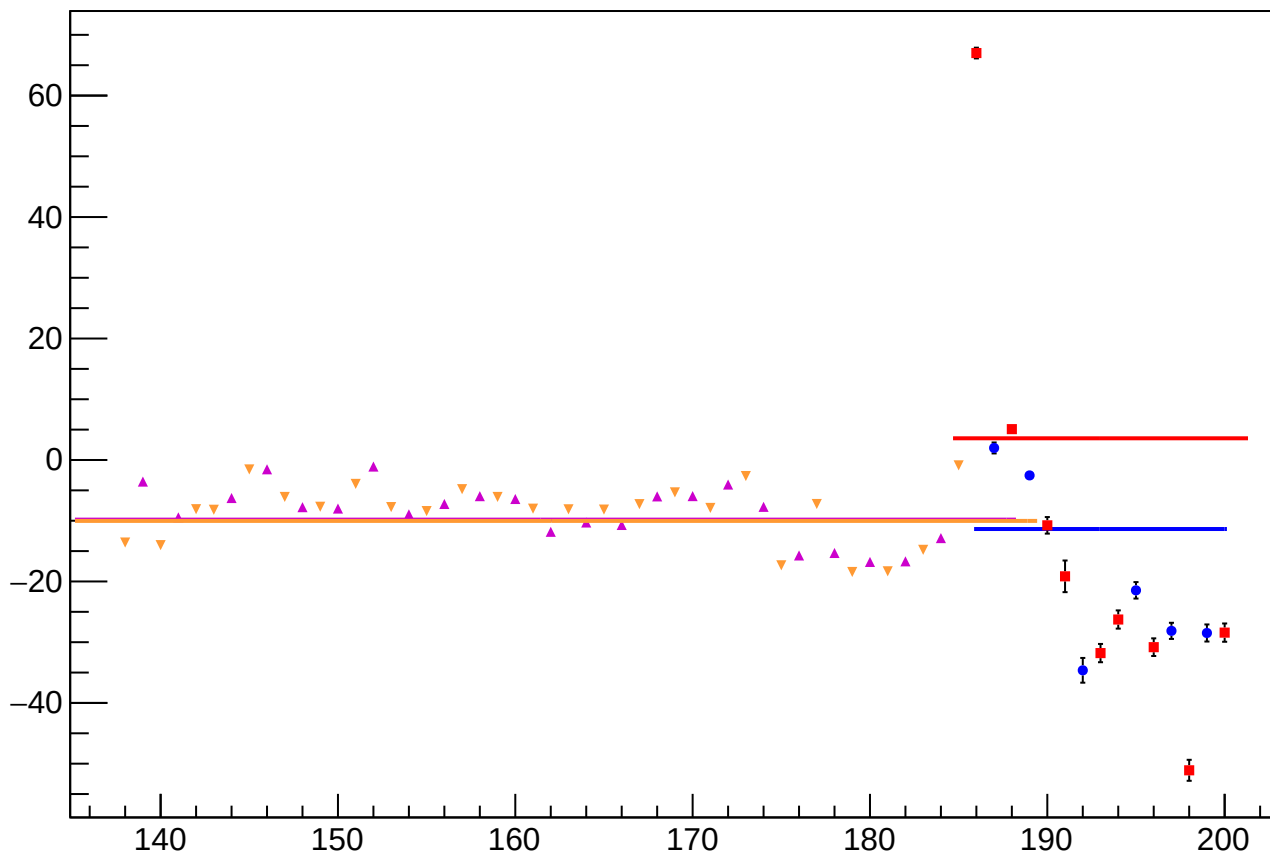
Left In: 0.009 ± 0.007 χ^2/NDF : 2228.9/22

+ sign -0.028 ± 0.006 χ^2/NDF : 2207.5/30

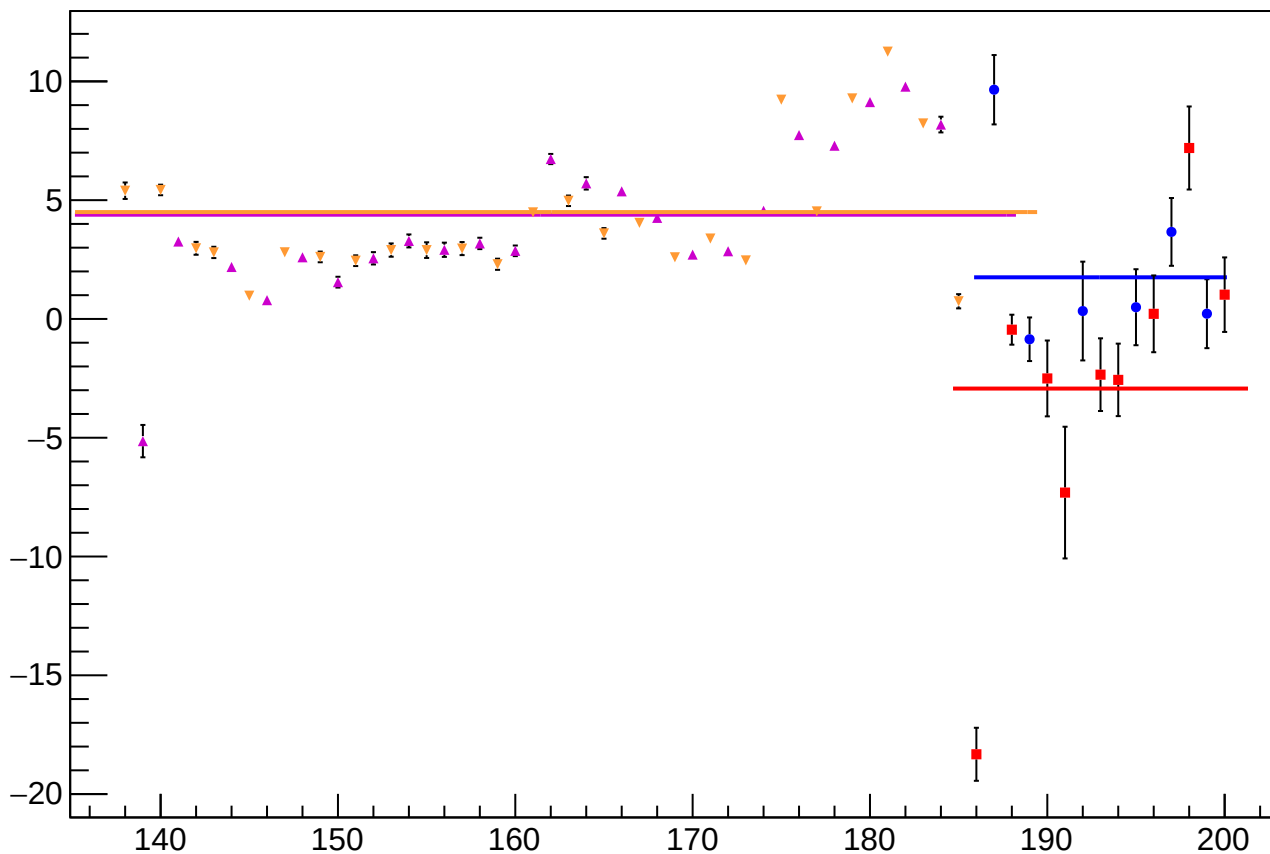
All: -0.019 ± 0.005 χ^2/NDF : 5424.8/62

- sign -0.009 ± 0.006 χ^2/NDF : 3212.8/31

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 1.753 ± 0.555 $\chi^2/\text{NDF}: 41.3/5$

Left Out: 4.499 ± 0.041 $\chi^2/\text{NDF}: 4809.3/24$

Right Out: -2.930 ± 0.415 $\chi^2/\text{NDF}: 252.1/8$

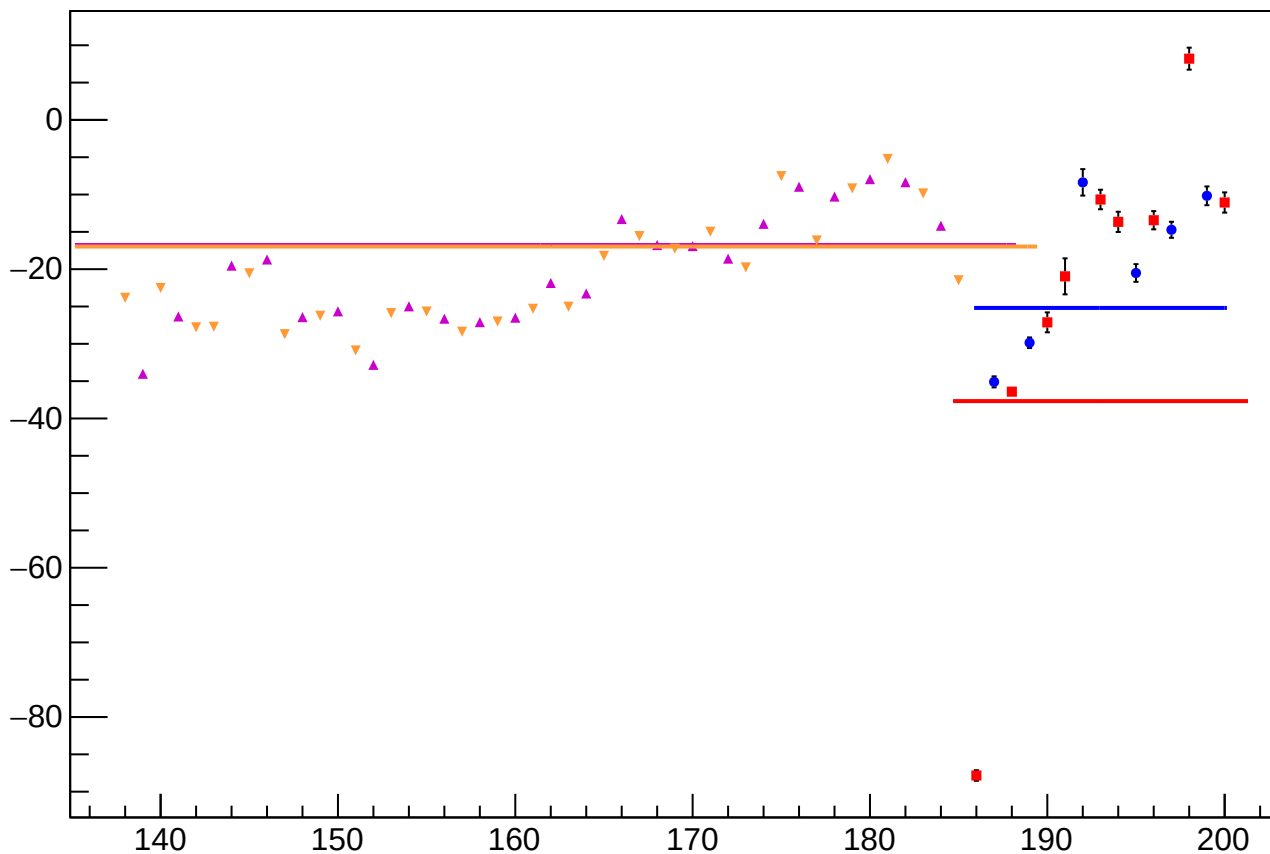
Left In: 4.388 ± 0.041 $\chi^2/\text{NDF}: 4266.4/22$

+ sign 4.484 ± 0.041 $\chi^2/\text{NDF}: 4875.0/30$

All: 4.401 ± 0.029 $\chi^2/\text{NDF}: 9710.2/62$

- sign 4.317 ± 0.041 $\chi^2/\text{NDF}: 4826.8/31$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -25.189 ± 0.397 $\chi^2/\text{NDF}: 565.0/5$

Left Out: -16.965 ± 0.051 $\chi^2/\text{NDF}: 21902.1/24$

Right Out: -37.673 ± 0.275 $\chi^2/\text{NDF}: 7589.4/8$

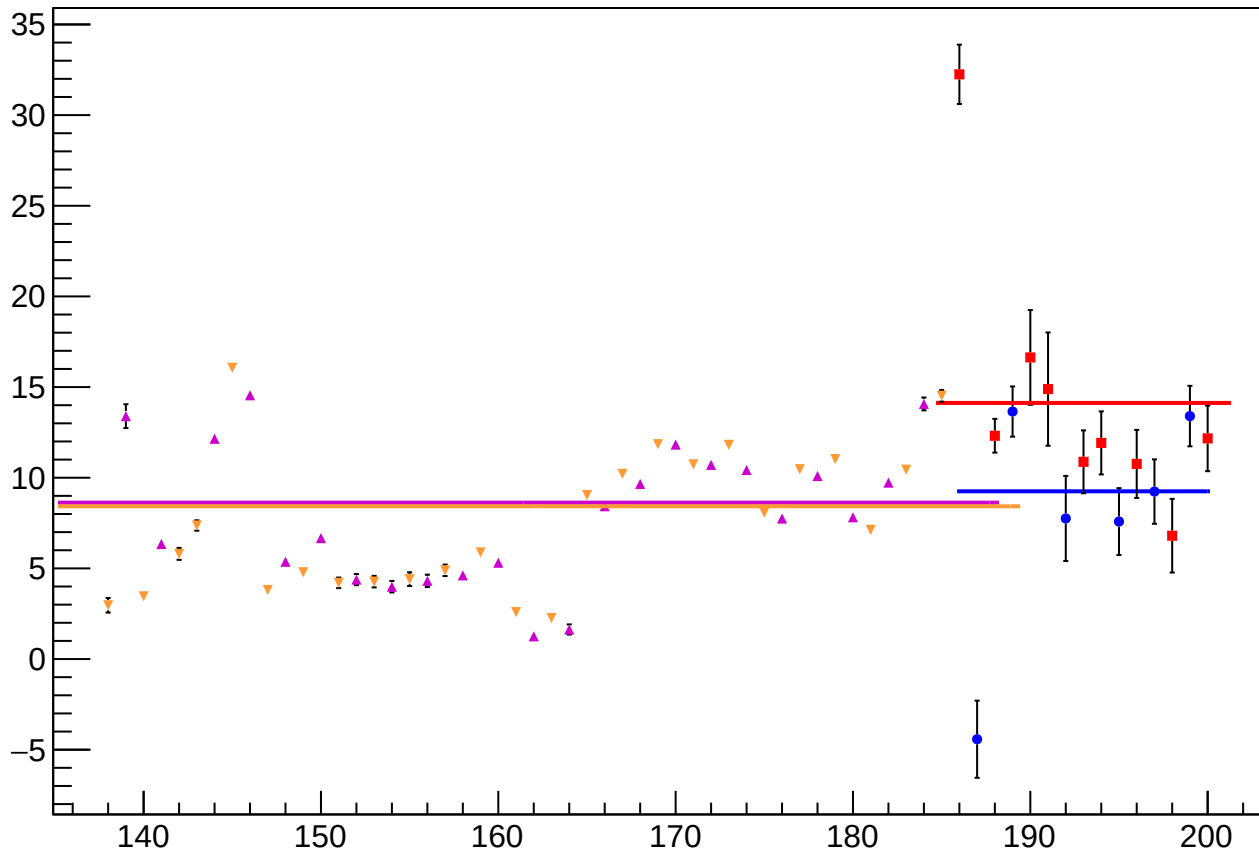
Left In: -16.764 ± 0.051 $\chi^2/\text{NDF}: 19037.7/22$

+ sign -17.099 ± 0.051 $\chi^2/\text{NDF}: 22888.2/30$

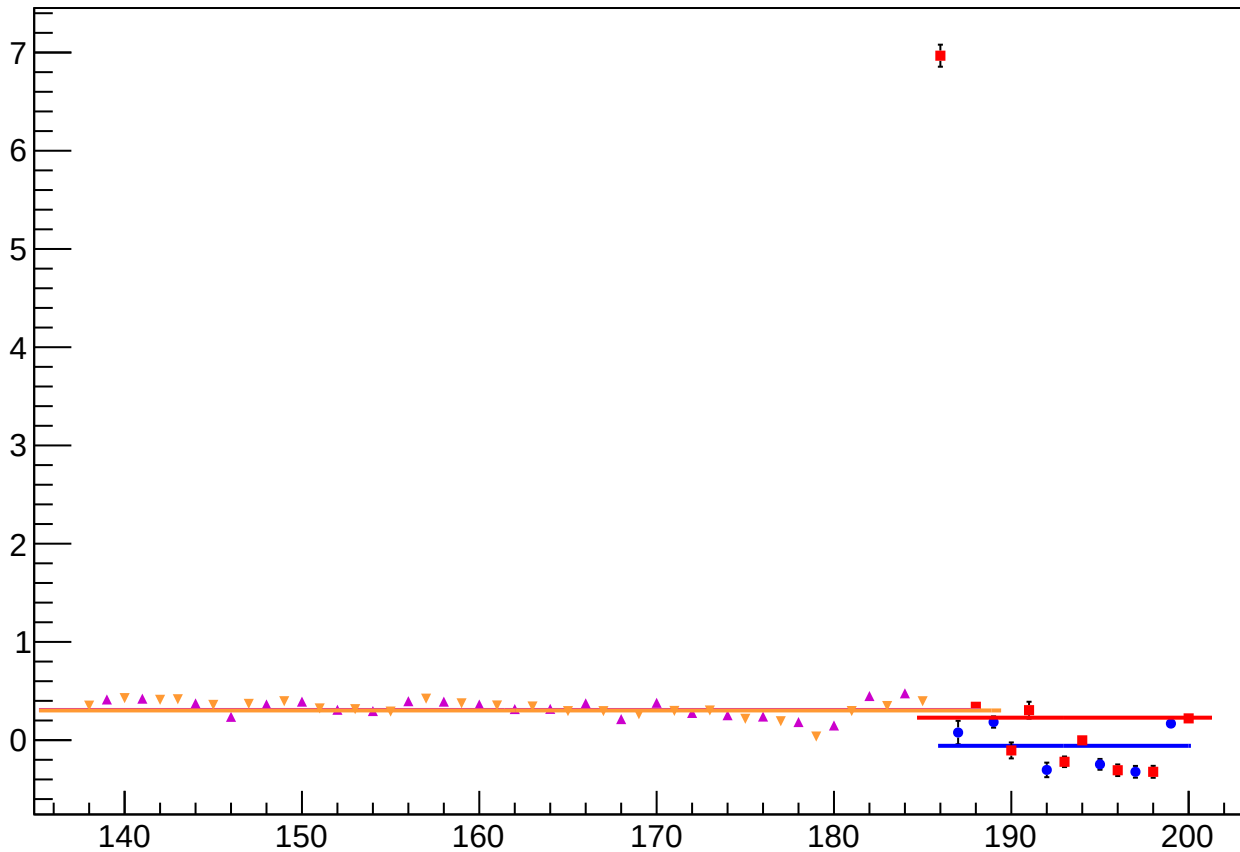
All: -17.285 ± 0.036 $\chi^2/\text{NDF}: 55139.8/62$

- sign -17.470 ± 0.050 $\chi^2/\text{NDF}: 32224.7/31$

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: -0.058 ± 0.025 χ^2/NDF : 83.5/5

Left Out: 0.302 ± 0.002 χ^2/NDF : 1589.8/24

Right Out: 0.229 ± 0.020 χ^2/NDF : 3886.5/8

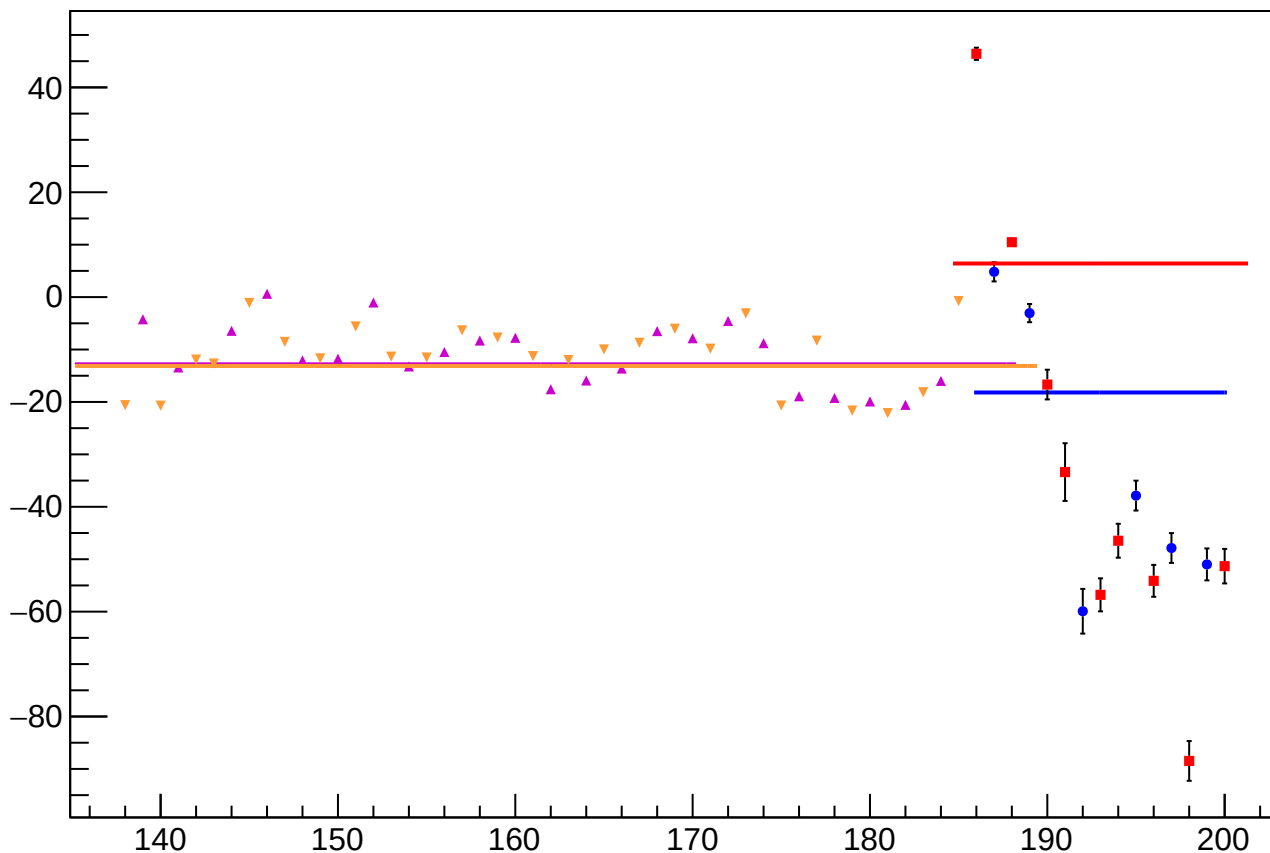
Left In: 0.307 ± 0.002 χ^2/NDF : 1716.8/22

+ sign 0.300 ± 0.002 χ^2/NDF : 1878.8/30

All: 0.303 ± 0.001 χ^2/NDF : 7502.4/62

- sign 0.306 ± 0.002 χ^2/NDF : 5618.8/31

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -18.193 ± 0.980 χ^2/NDF : 602.6/5

Left Out: -13.133 ± 0.094 χ^2/NDF : 5974.5/24

Right Out: 6.409 ± 0.631 χ^2/NDF : 3312.3/8

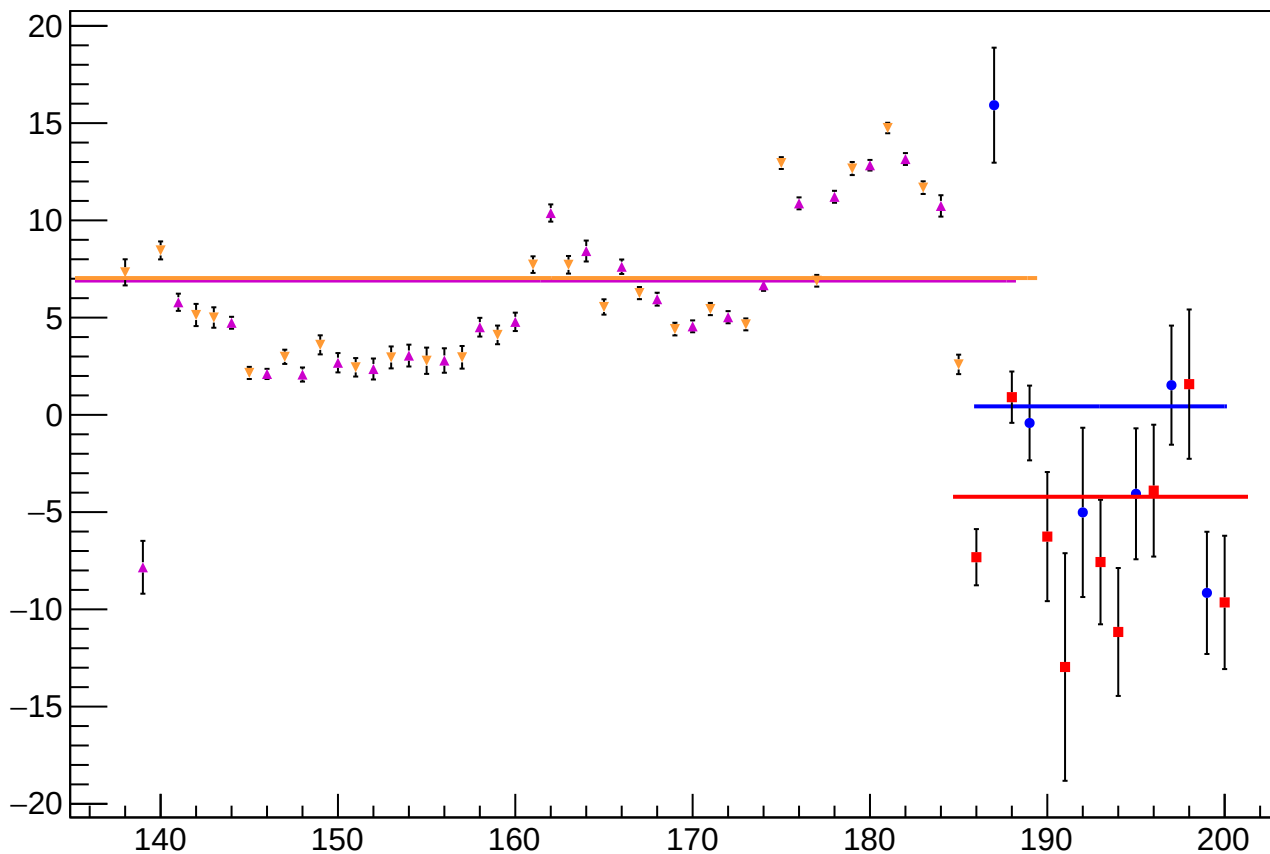
Left In: -12.823 ± 0.095 χ^2/NDF : 4841.5/22

+ sign -13.178 ± 0.093 χ^2/NDF : 6603.5/30

All: -12.790 ± 0.066 χ^2/NDF : 15699.7/62

- sign -12.400 ± 0.094 χ^2/NDF : 9061.5/31

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.437 ± 1.167 $\chi^2/\text{NDF}: 40.4/5$

Left Out: 7.034 ± 0.077 $\chi^2/\text{NDF}: 2657.5/24$

Right Out: -4.211 ± 0.790 $\chi^2/\text{NDF}: 32.7/8$

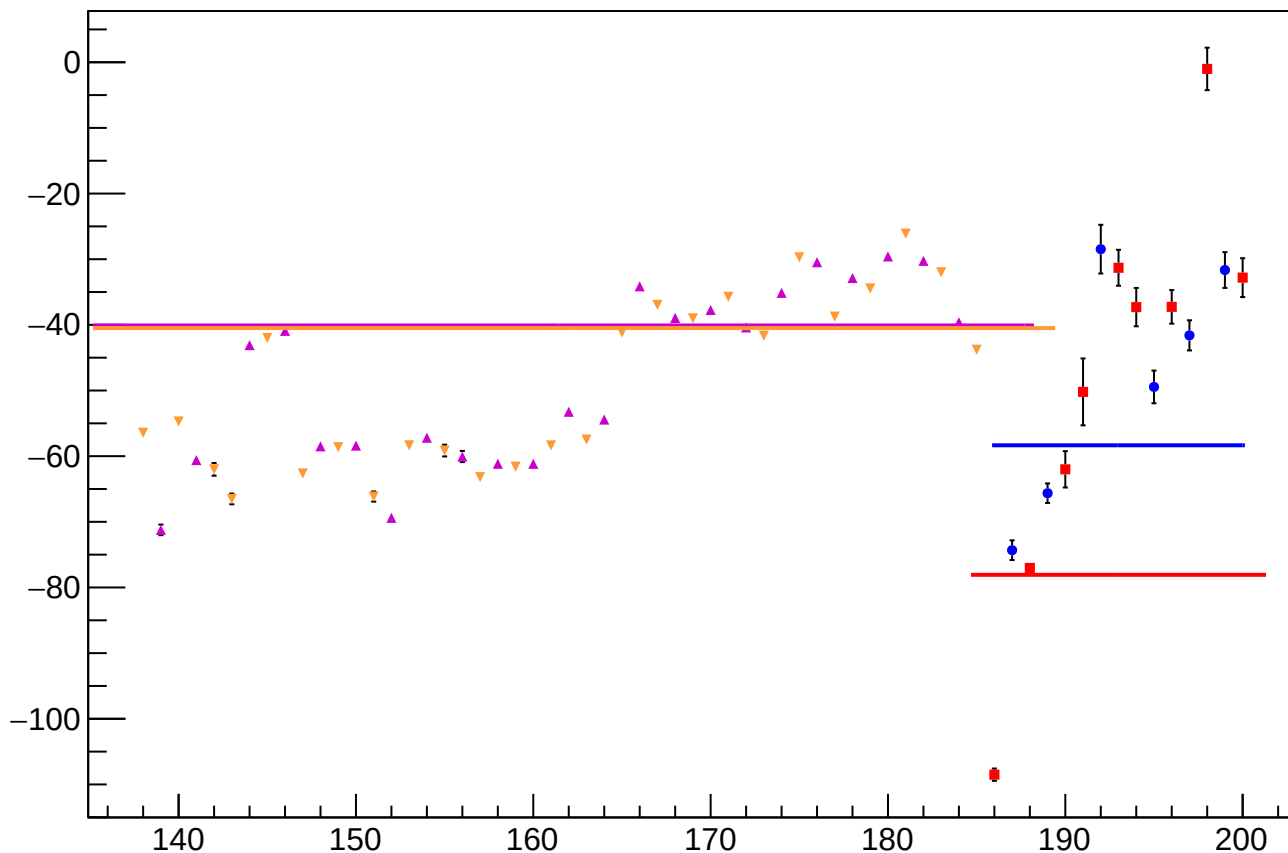
Left In: 6.906 ± 0.077 $\chi^2/\text{NDF}: 2442.8/22$

+ sign 7.005 ± 0.077 $\chi^2/\text{NDF}: 2729.7/30$

All: 6.903 ± 0.055 $\chi^2/\text{NDF}: 5405.0/62$

- sign 6.800 ± 0.077 $\chi^2/\text{NDF}: 2671.7/31$

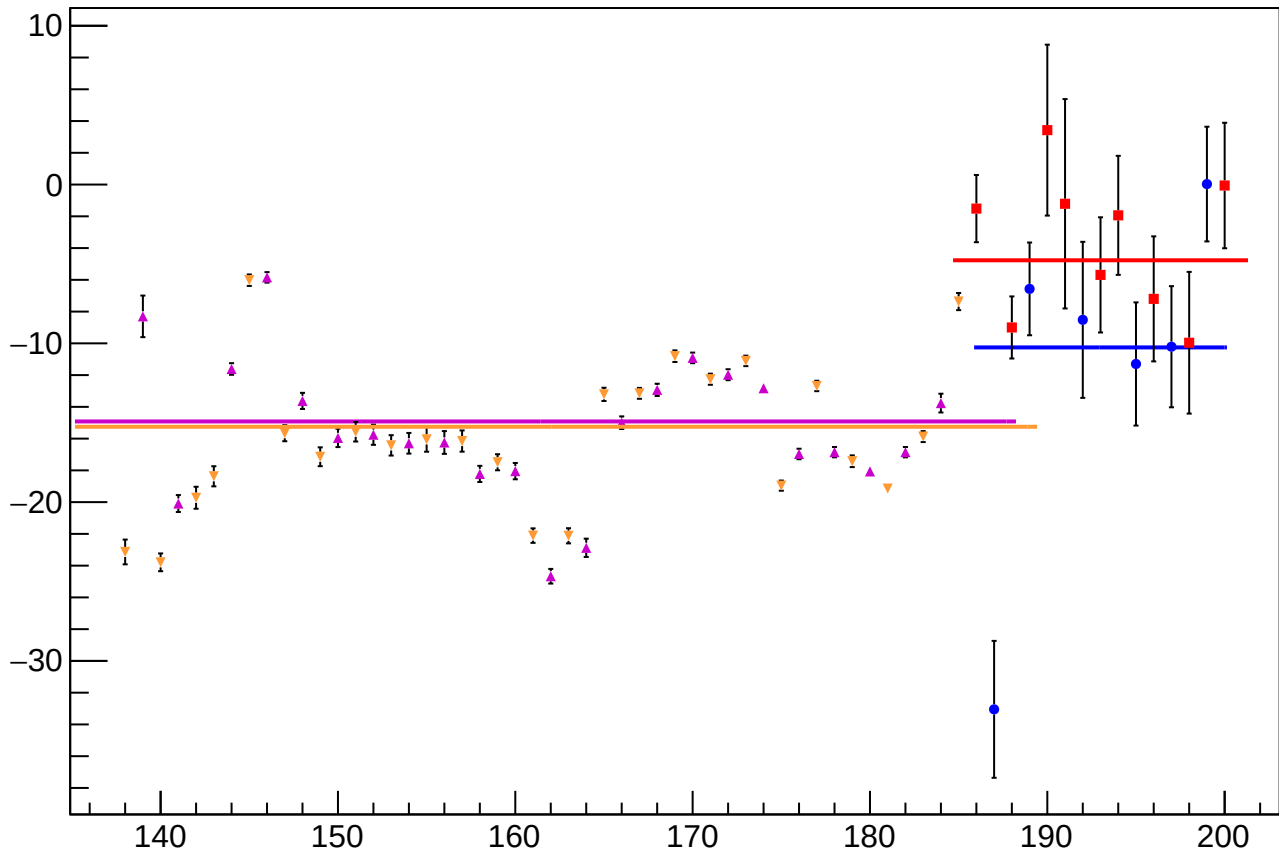
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -58.342 ± 0.829 $\chi^2/\text{NDF}: 363.8/5$
 Left Out: -40.492 ± 0.095 $\chi^2/\text{NDF}: 15435.0/24$
 Right Out: -78.072 ± 0.520 $\chi^2/\text{NDF}: 2665.0/8$
 Left In: -40.091 ± 0.095 $\chi^2/\text{NDF}: 14103.5/22$

+ sign -40.723 ± 0.094 $\chi^2/\text{NDF}: 16255.8/30$
 All: -41.024 ± 0.066 $\chi^2/\text{NDF}: 38201.4/62$
 - sign -41.323 ± 0.094 $\chi^2/\text{NDF}: 21925.2/31$

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -10.256 ± 1.535 $\chi^2/\text{NDF}: 37.9/5$

Left Out: -15.254 ± 0.086 $\chi^2/\text{NDF}: 2594.4/24$

Right Out: -4.770 ± 1.073 $\chi^2/\text{NDF}: 13.4/8$

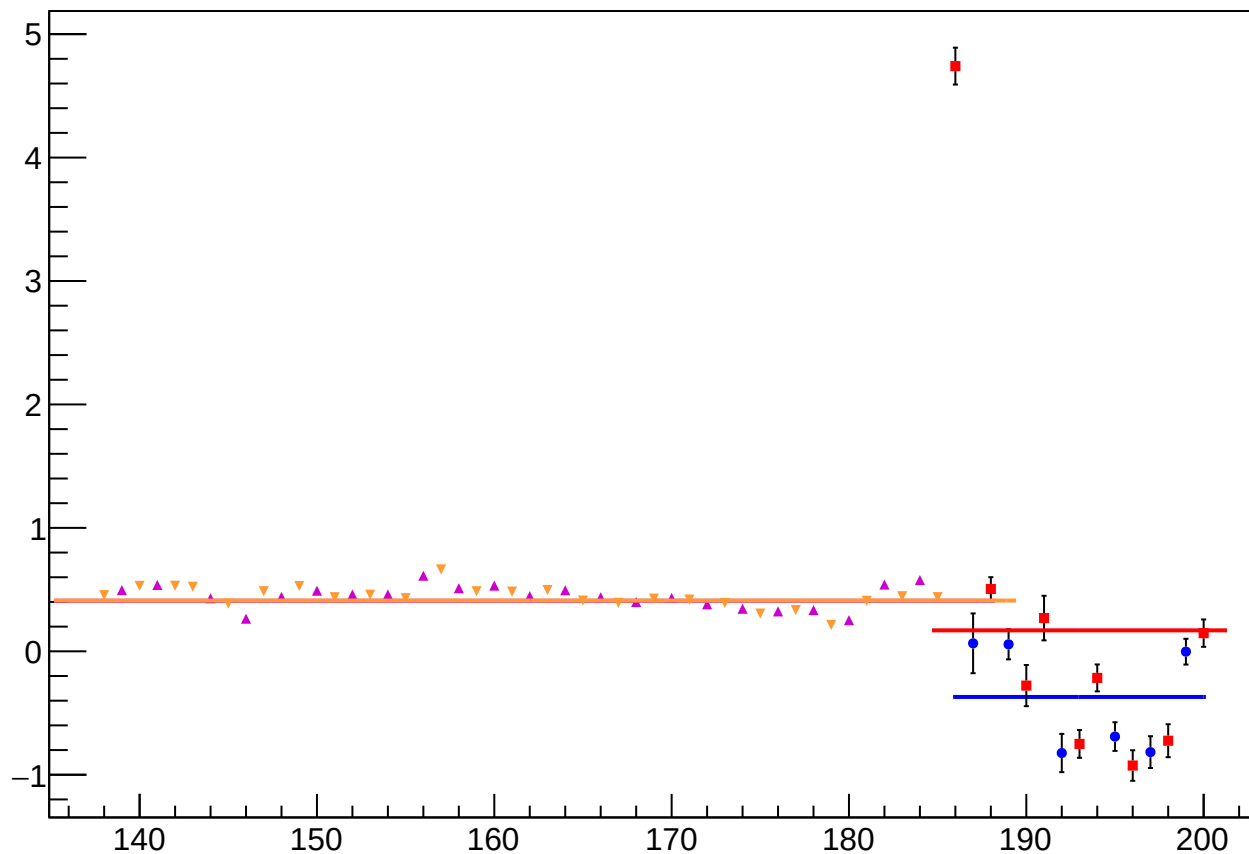
Left In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

+ sign -15.239 ± 0.086 $\chi^2/\text{NDF}: 2642.8/30$

All: -15.047 ± 0.061 $\chi^2/\text{NDF}: 4962.9/62$

- sign -14.854 ± 0.086 $\chi^2/\text{NDF}: 2310.0/31$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.370 ± 0.053 χ^2/NDF : 56.1/5

Left Out: 0.411 ± 0.004 χ^2/NDF : 428.8/24

Right Out: 0.170 ± 0.041 χ^2/NDF : 1158.7/8

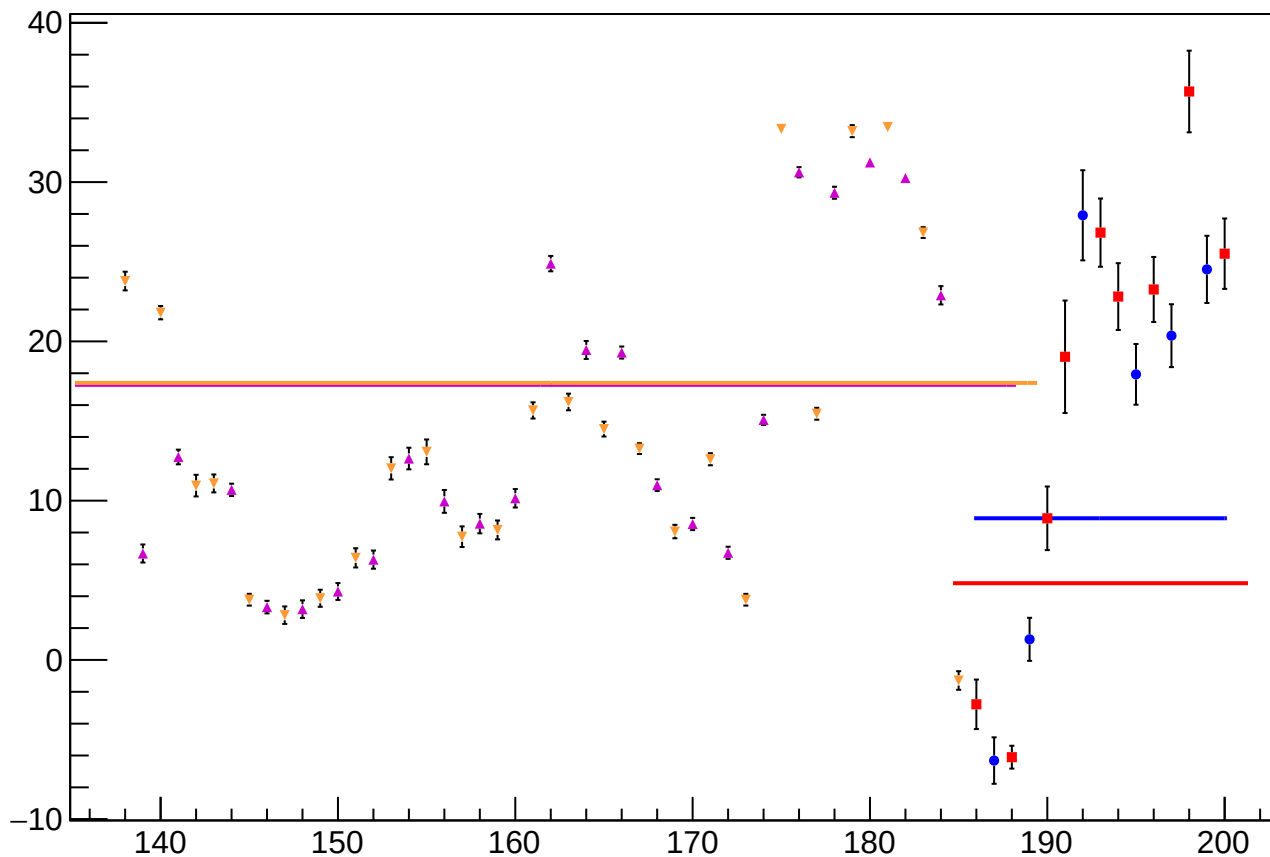
Left In: 0.409 ± 0.004 χ^2/NDF : 561.9/22

+ sign 0.407 ± 0.004 χ^2/NDF : 698.6/30

All: 0.407 ± 0.003 χ^2/NDF : 2452.5/62

- sign 0.407 ± 0.004 χ^2/NDF : 1753.9/31

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 8.894 ± 0.726 χ^2/NDF : 296.6/5

Left Out: 17.393 ± 0.087 χ^2/NDF : 16305.7/24

Right Out: 4.818 ± 0.518 χ^2/NDF : 770.1/8

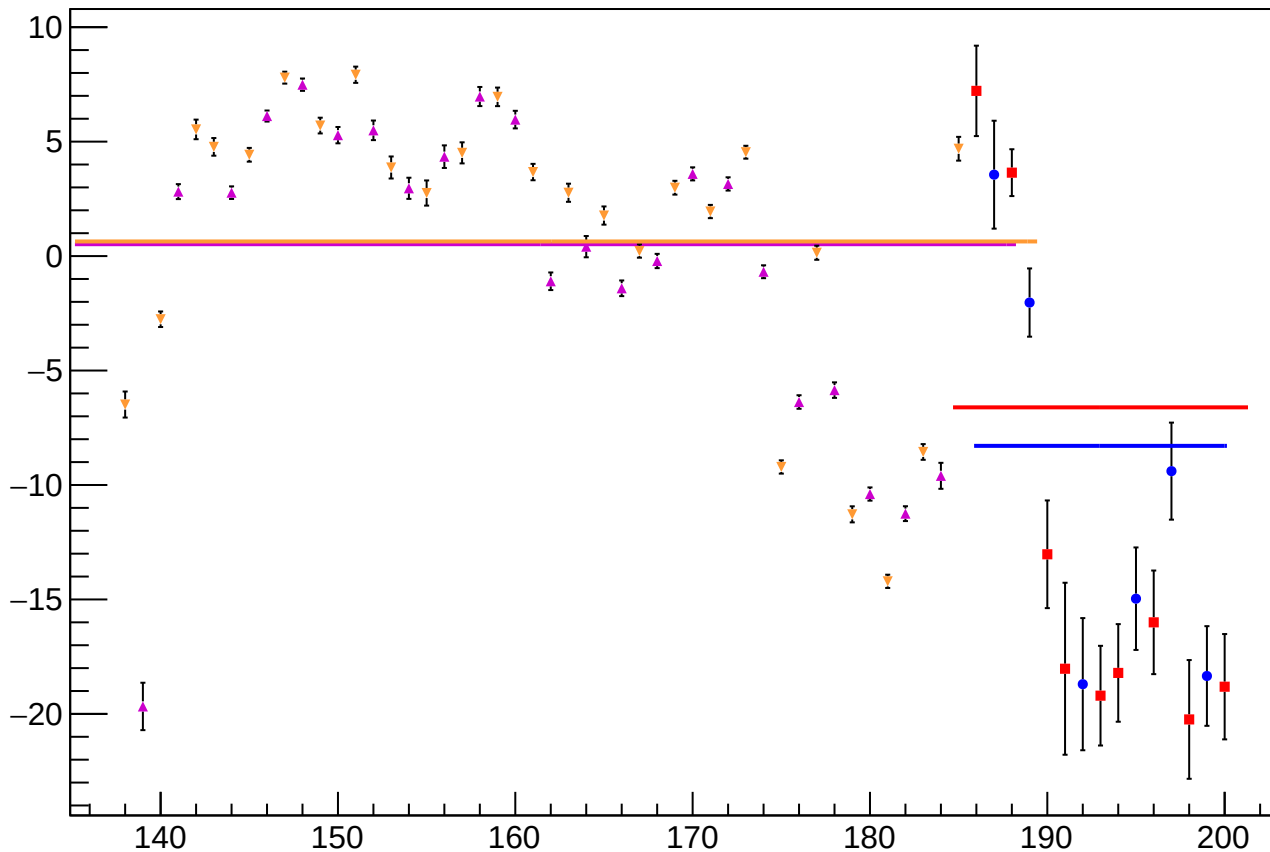
Left In: 17.271 ± 0.088 χ^2/NDF : 12892.2/22

+ sign 17.272 ± 0.087 χ^2/NDF : 16737.6/30

All: 17.096 ± 0.061 χ^2/NDF : 30970.7/62

- sign 16.917 ± 0.087 χ^2/NDF : 14224.8/31

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -8.290 ± 0.850 $\chi^2/\text{NDF}: 86.4/5$

Left Out: 0.639 ± 0.070 $\chi^2/\text{NDF}: 8514.9/24$

Right Out: -6.608 ± 0.642 $\chi^2/\text{NDF}: 302.2/8$

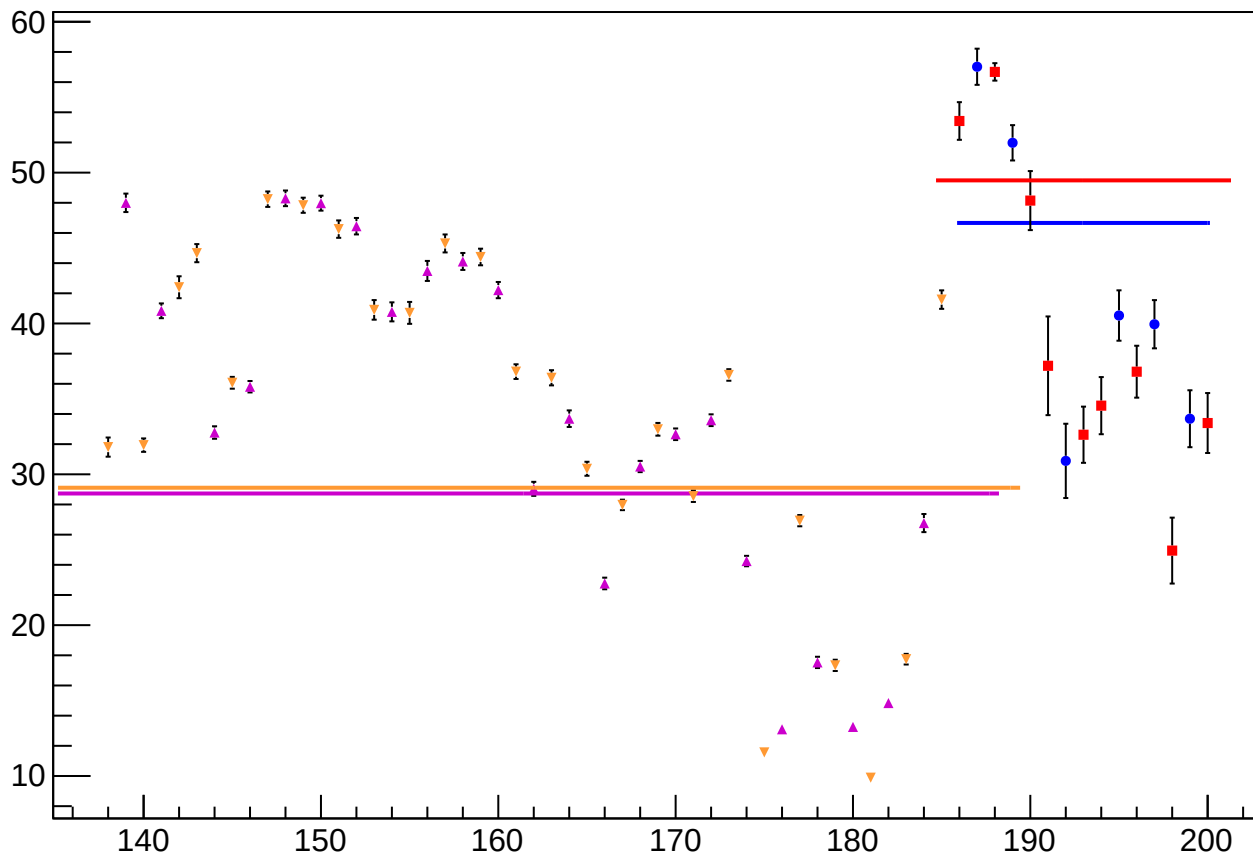
Left In: 0.519 ± 0.071 $\chi^2/\text{NDF}: 6776.8/22$

+ sign 0.580 ± 0.069 $\chi^2/\text{NDF}: 8710.8/30$

All: 0.508 ± 0.049 $\chi^2/\text{NDF}: 15913.8/62$

- sign 0.434 ± 0.070 $\chi^2/\text{NDF}: 7200.8/31$

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 46.665 $\pm$ 0.618 χ^2 /NDF: 214.6/5

Left Out: 29.110 $\pm$ 0.088 χ^2 /NDF:18845.8/24

Right Out: 49.486 $\pm$ 0.432 χ^2 /NDF: 569.1/8

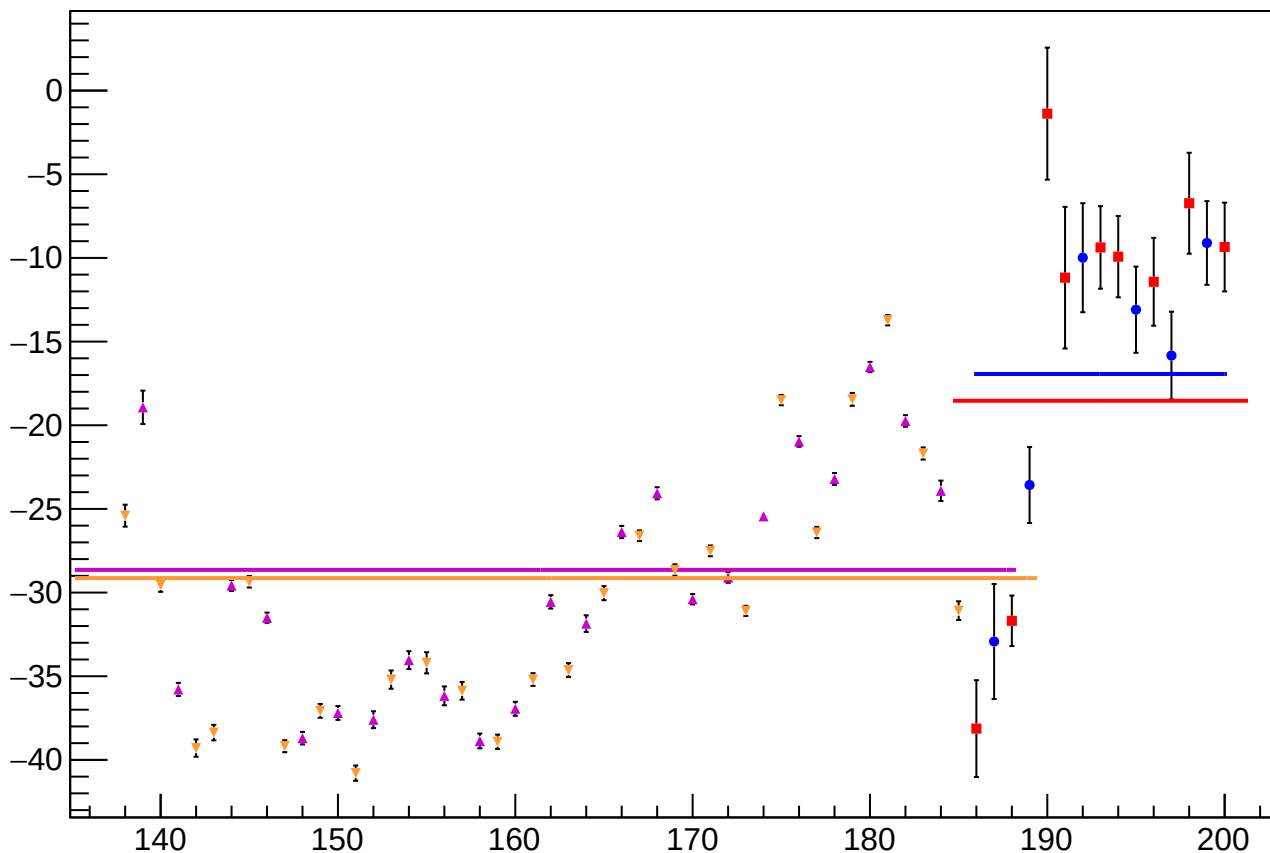
Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

+ sign 29.458 $\pm$ 0.087 χ^2 /NDF: 19851.9/30

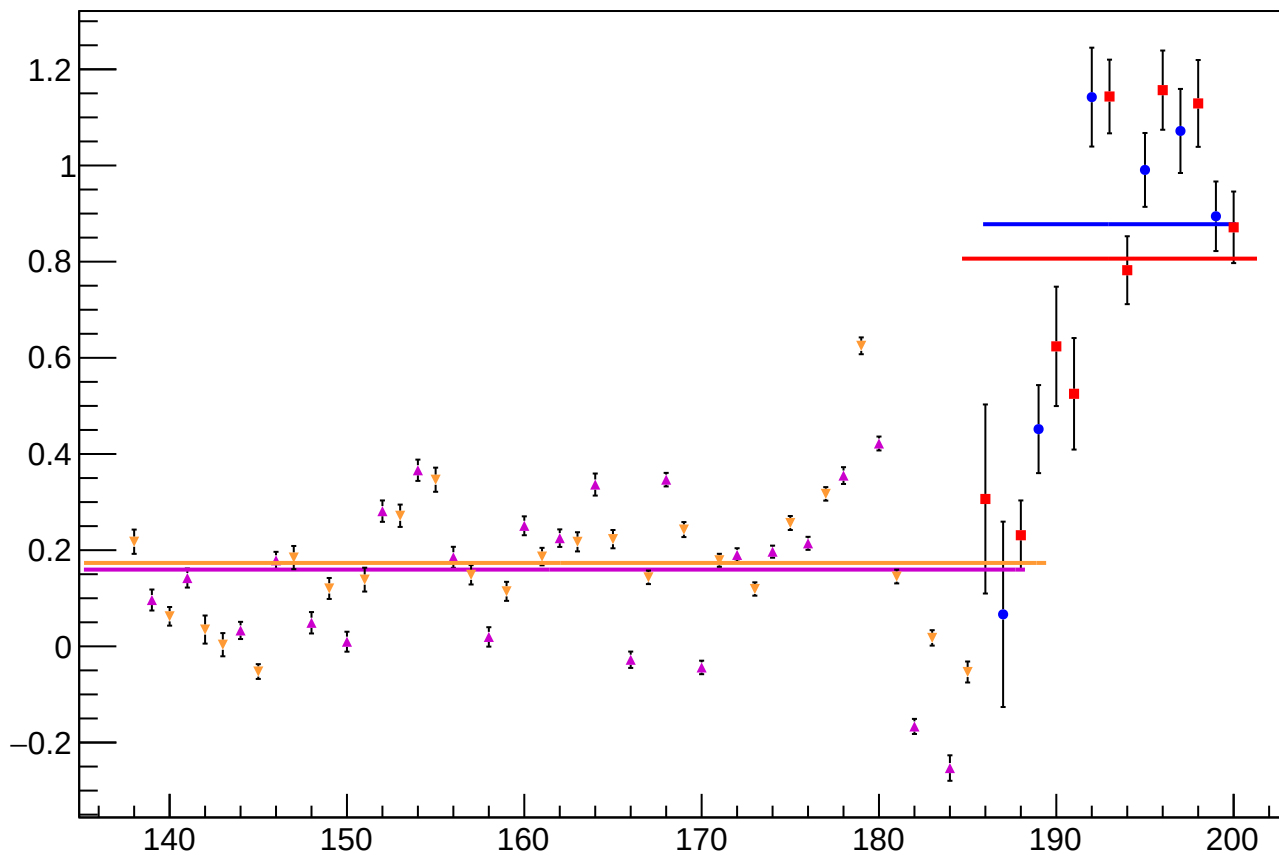
All: 29.513 $\pm$ 0.062 χ^2 /NDF: 39671.7/62

- sign 29.568 $\pm$ 0.087 χ^2 /NDF: 19819.0/31

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.878 $\pm$ 0.037 χ^2/NDF : 53.1/5

Left Out: 0.173 $\pm$ 0.004 χ^2/NDF :1468.8/24

Right Out: 0.806 $\pm$ 0.029 χ^2/NDF : 128.9/8

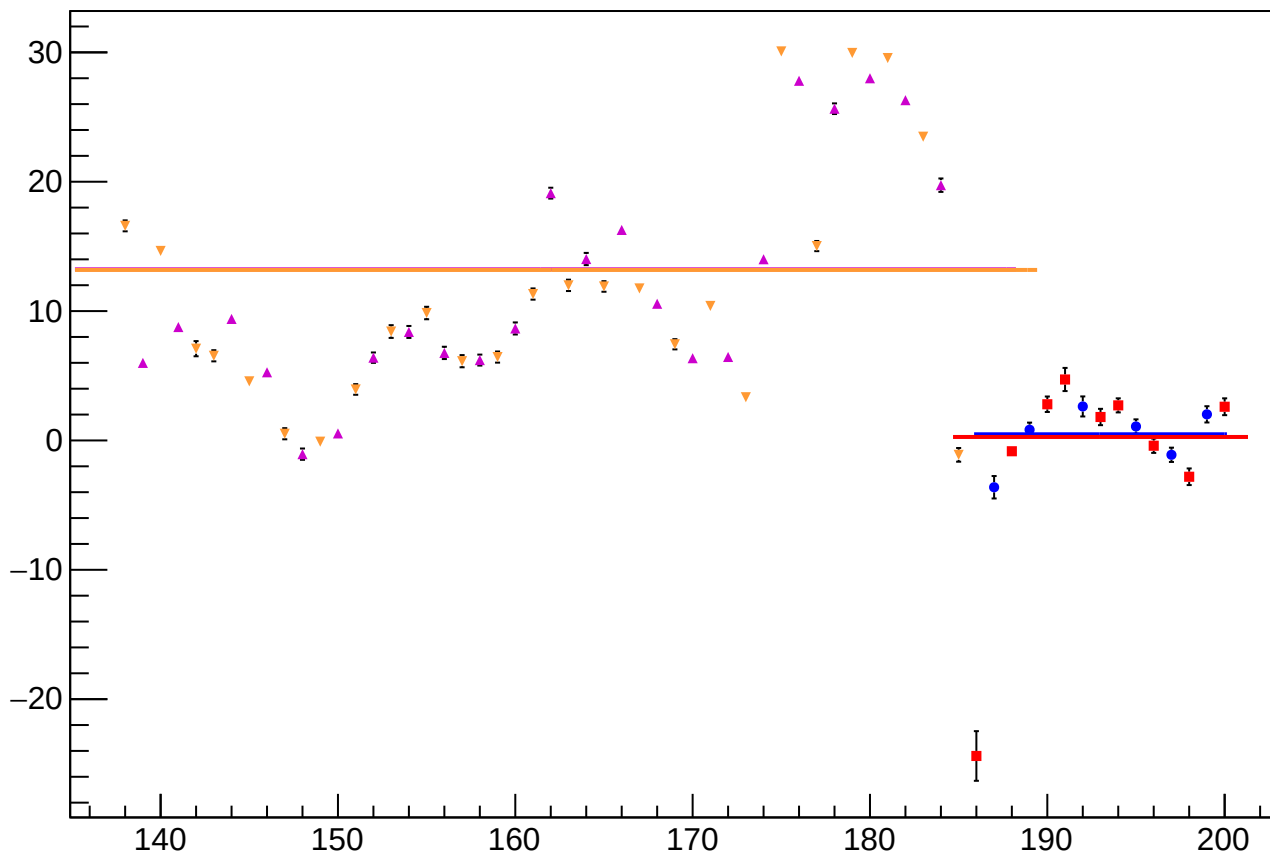
Left In: 0.160 $\pm$ 0.004 χ^2/NDF :2063.7/22

+ sign 0.180 $\pm$ 0.004 χ^2/NDF : 1881.9/30

All: 0.175 $\pm$ 0.003 χ^2/NDF : 4563.9/62

- sign 0.170 $\pm$ 0.004 χ^2/NDF : 2677.6/31

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.476 ± 0.255 $\chi^2/\text{NDF}: 45.9/5$

Left Out: 13.181 ± 0.075 $\chi^2/\text{NDF}: 17039.3/24$

Right Out: 0.269 ± 0.180 $\chi^2/\text{NDF}: 286.3/8$

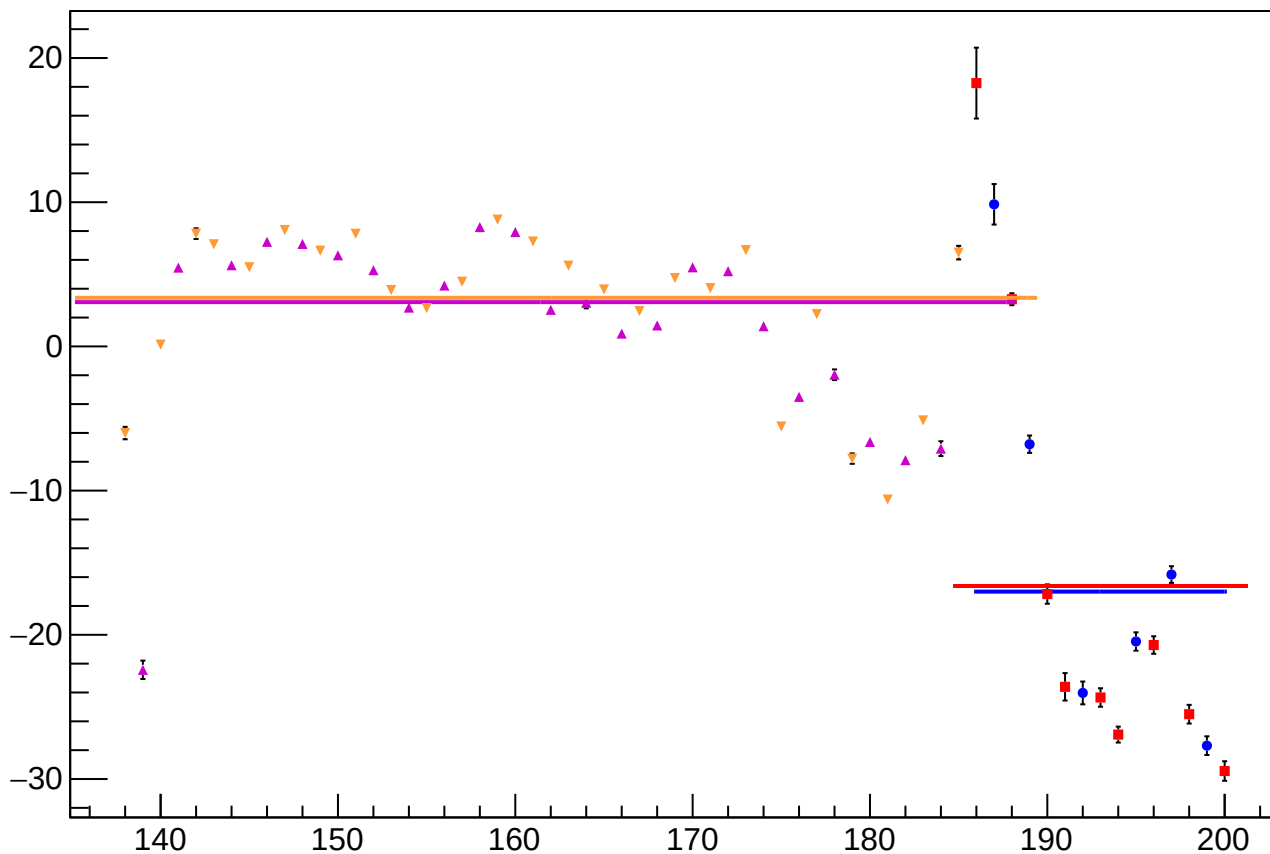
Left In: 13.228 ± 0.077 $\chi^2/\text{NDF}: 14126.1/22$

+ sign 12.158 ± 0.072 $\chi^2/\text{NDF}: 19372.6/30$

All: 11.689 ± 0.050 $\chi^2/\text{NDF}: 38247.9/62$

- sign 11.243 ± 0.071 $\chi^2/\text{NDF}: 18793.2/31$

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -17.004 ± 0.281 $\chi^2/\text{NDF}: 1037.9/5$

Left Out: 3.372 ± 0.059 $\chi^2/\text{NDF}: 8053.7/24$

Right Out: -16.614 ± 0.212 $\chi^2/\text{NDF}: 3642.4/8$

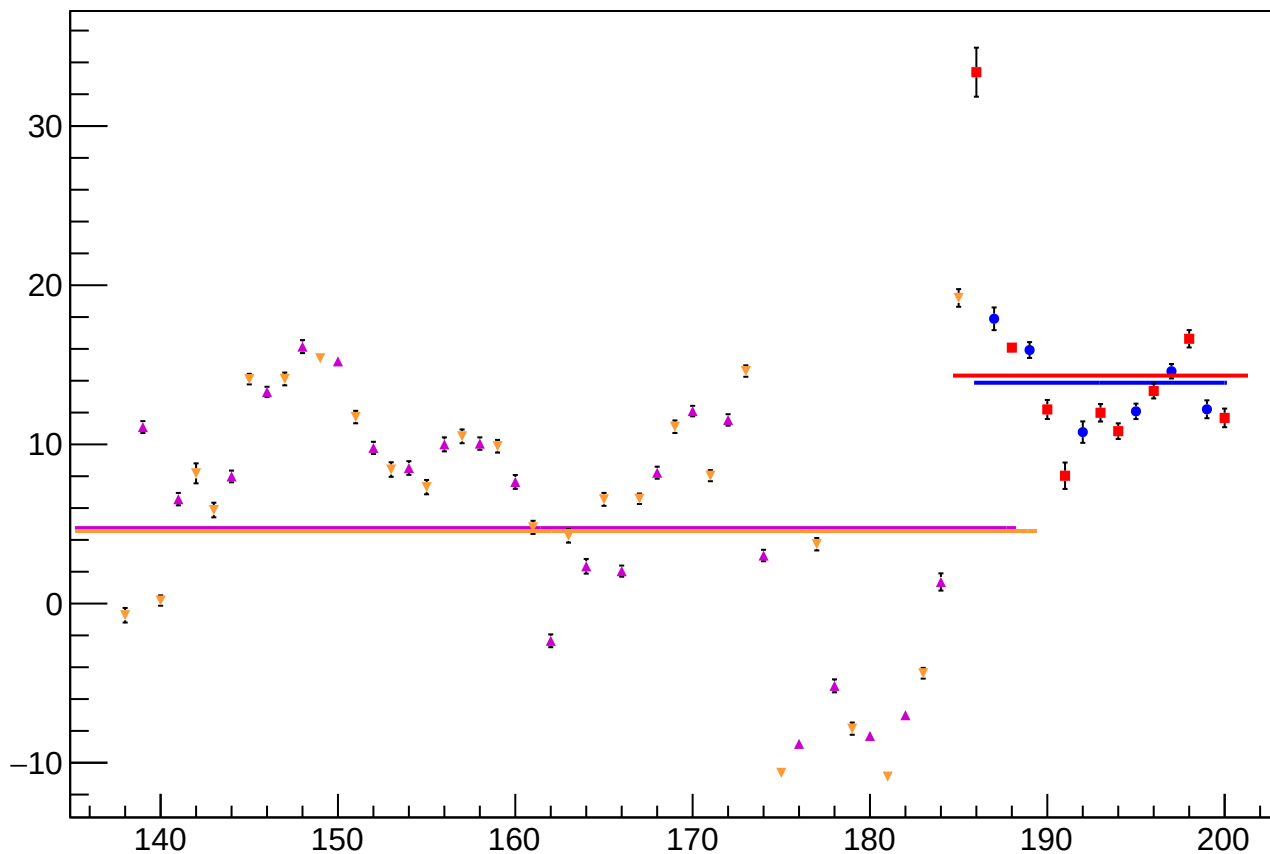
Left In: 3.071 ± 0.060 $\chi^2/\text{NDF}: 7269.0/22$

+ sign 2.522 ± 0.057 $\chi^2/\text{NDF}: 14144.1/30$

All: 2.063 ± 0.041 $\chi^2/\text{NDF}: 33169.4/62$

- sign 1.592 ± 0.058 $\chi^2/\text{NDF}: 18895.3/31$

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 13.874 ± 0.221 χ^2/NDF : 95.1/5

Left Out: 4.557 ± 0.076 χ^2/NDF : 13588.4/24

Right Out: 14.322 ± 0.154 χ^2/NDF : 393.8/8

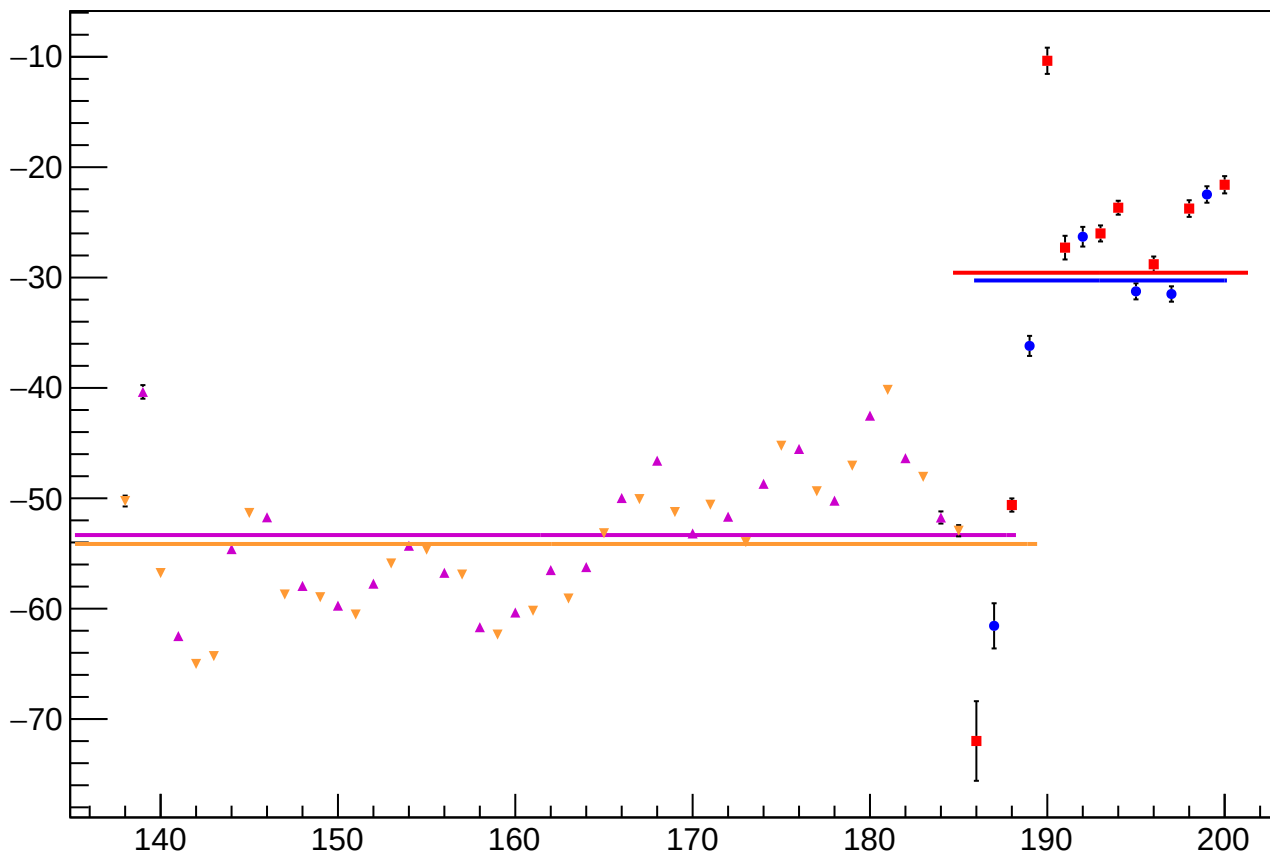
Left In: 4.741 ± 0.076 χ^2/NDF : 11418.2/22

+ sign 5.533 ± 0.071 χ^2/NDF : 15277.9/30

All: 6.105 ± 0.049 χ^2/NDF : 30312.8/62

- sign 6.630 ± 0.068 χ^2/NDF : 14912.1/31

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -30.264 ± 0.344 χ^2/NDF : 410.4/5

Left Out: -54.139 ± 0.067 χ^2/NDF : 8301.1/24

Right Out: -29.562 ± 0.265 χ^2/NDF : 1914.6/8

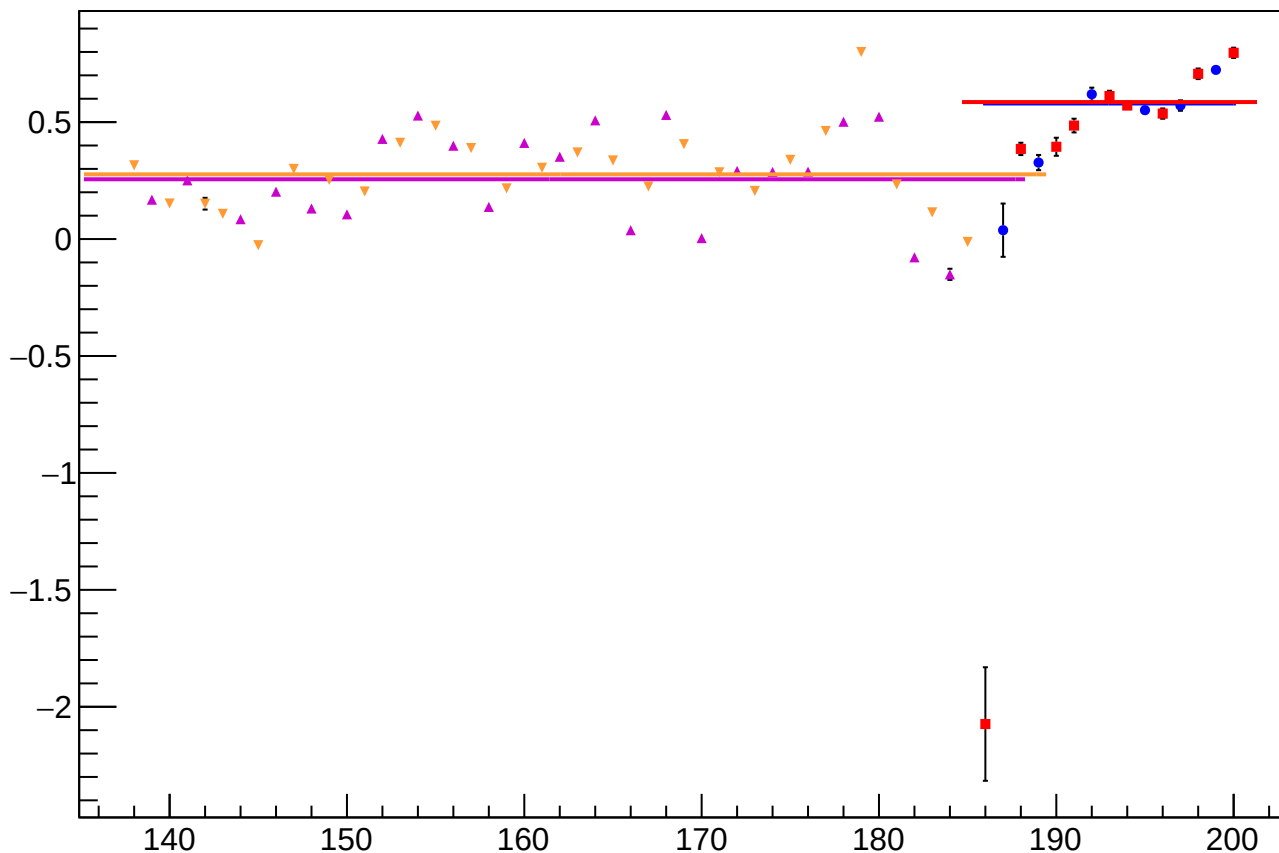
Left In: -53.330 ± 0.068 χ^2/NDF : 6940.2/22

+ sign -53.277 ± 0.065 χ^2/NDF : 13355.3/30

All: -52.571 ± 0.046 χ^2/NDF : 30005.7/62

- sign -51.849 ± 0.066 χ^2/NDF : 16414.2/31

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.580 ± 0.011 $\chi^2/\text{NDF}: 131.1/5$

Left Out: 0.277 ± 0.003 $\chi^2/\text{NDF}: 2606.0/24$

Right Out: 0.586 ± 0.008 $\chi^2/\text{NDF}: 341.9/8$

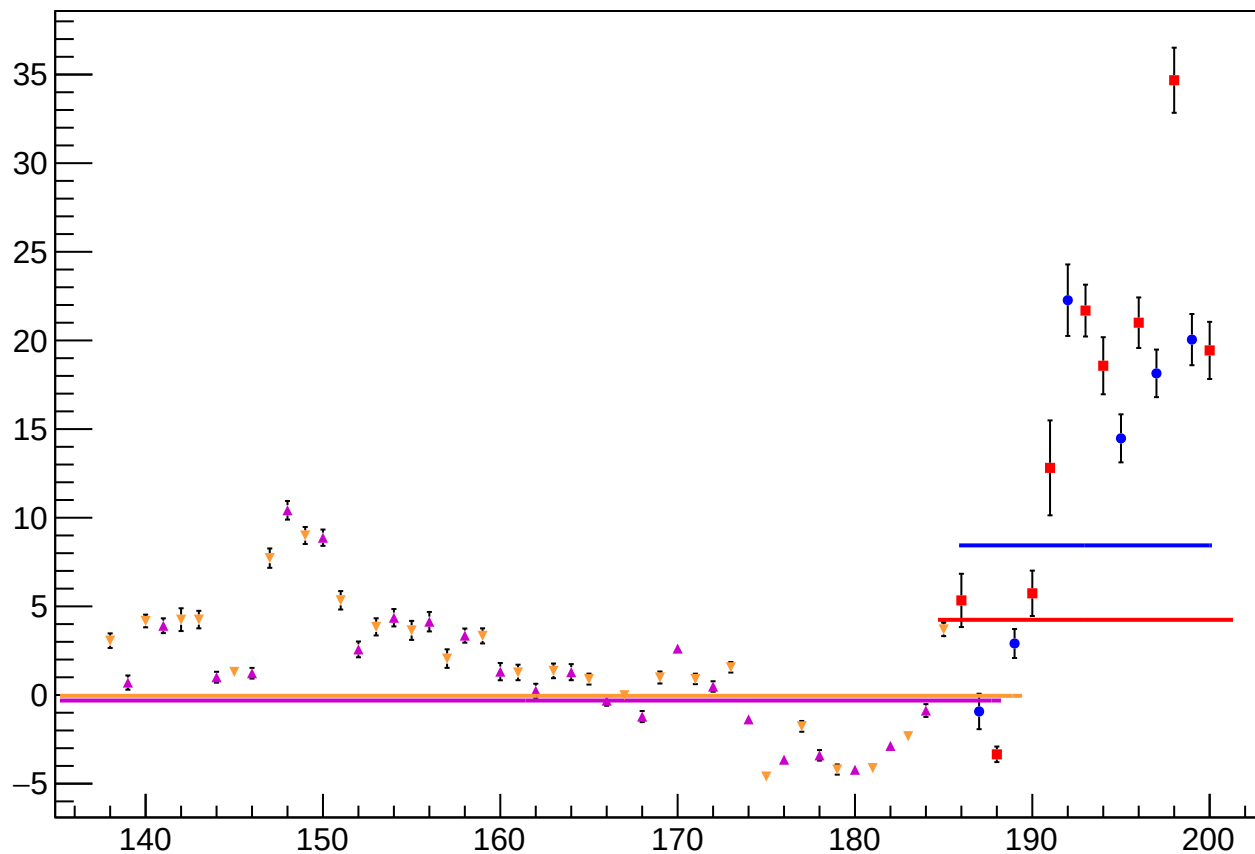
Left In: 0.256 ± 0.003 $\chi^2/\text{NDF}: 3644.0/22$

+ sign 0.299 ± 0.003 $\chi^2/\text{NDF}: 3466.9/30$

All: 0.297 ± 0.002 $\chi^2/\text{NDF}: 8828.4/62$

- sign 0.295 ± 0.003 $\chi^2/\text{NDF}: 5360.6/31$

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 8.439 ± 0.481 χ^2/NDF : 317.3/5

Left Out: -0.046 ± 0.066 χ^2/NDF : 2628.9/24

Right Out: 4.242 ± 0.345 χ^2/NDF : 1033.9/8

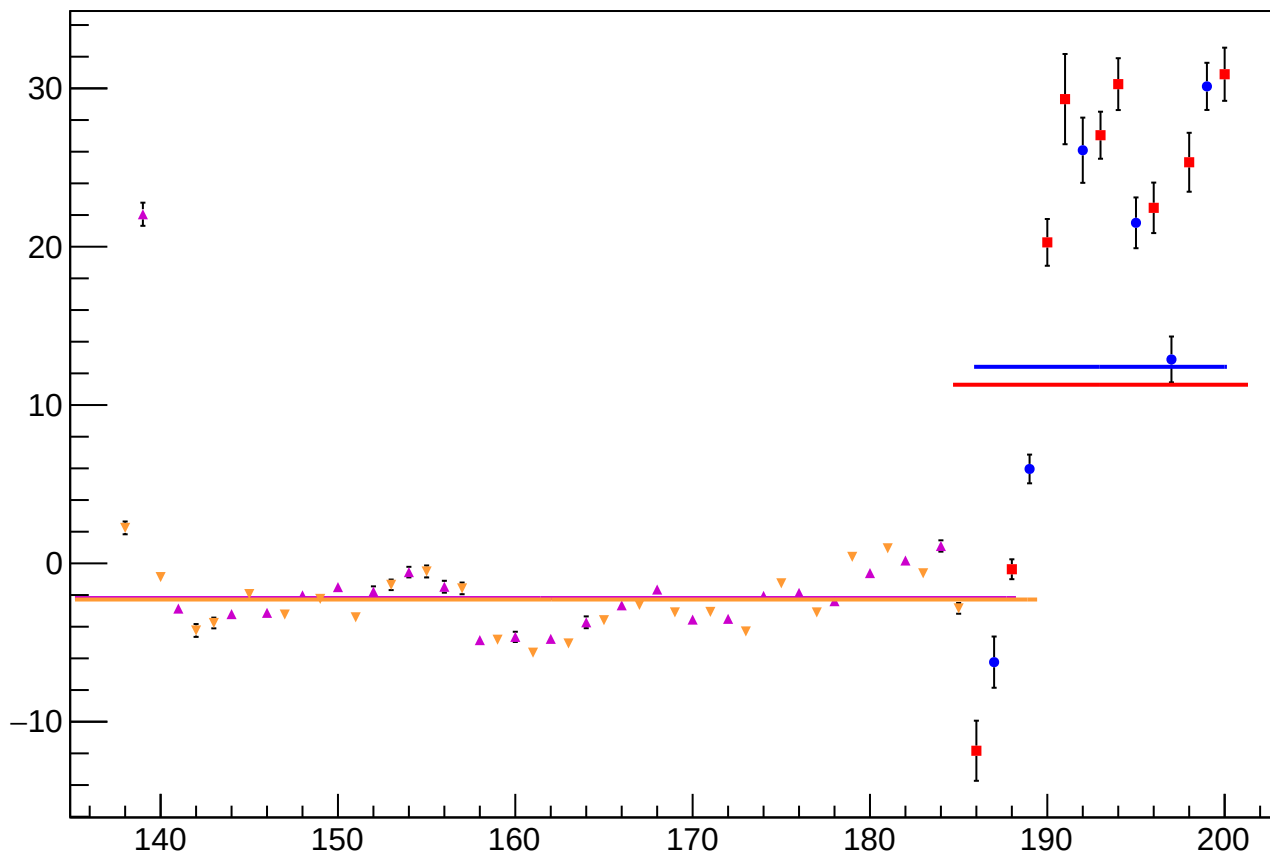
Left In: -0.312 ± 0.067 χ^2/NDF : 2252.6/22

+ sign 0.111 ± 0.065 χ^2/NDF : 3251.6/30

All: -0.017 ± 0.046 χ^2/NDF : 6713.8/62

- sign -0.146 ± 0.066 χ^2/NDF : 3454.5/31

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 12.414 $\pm$ 0.563 χ^2/NDF : 401.4/5

Left Out: -2.283 $\pm$ 0.054 χ^2/NDF :1132.1/24

Right Out: 11.282 $\pm$ 0.436 χ^2/NDF : 1059.6/8

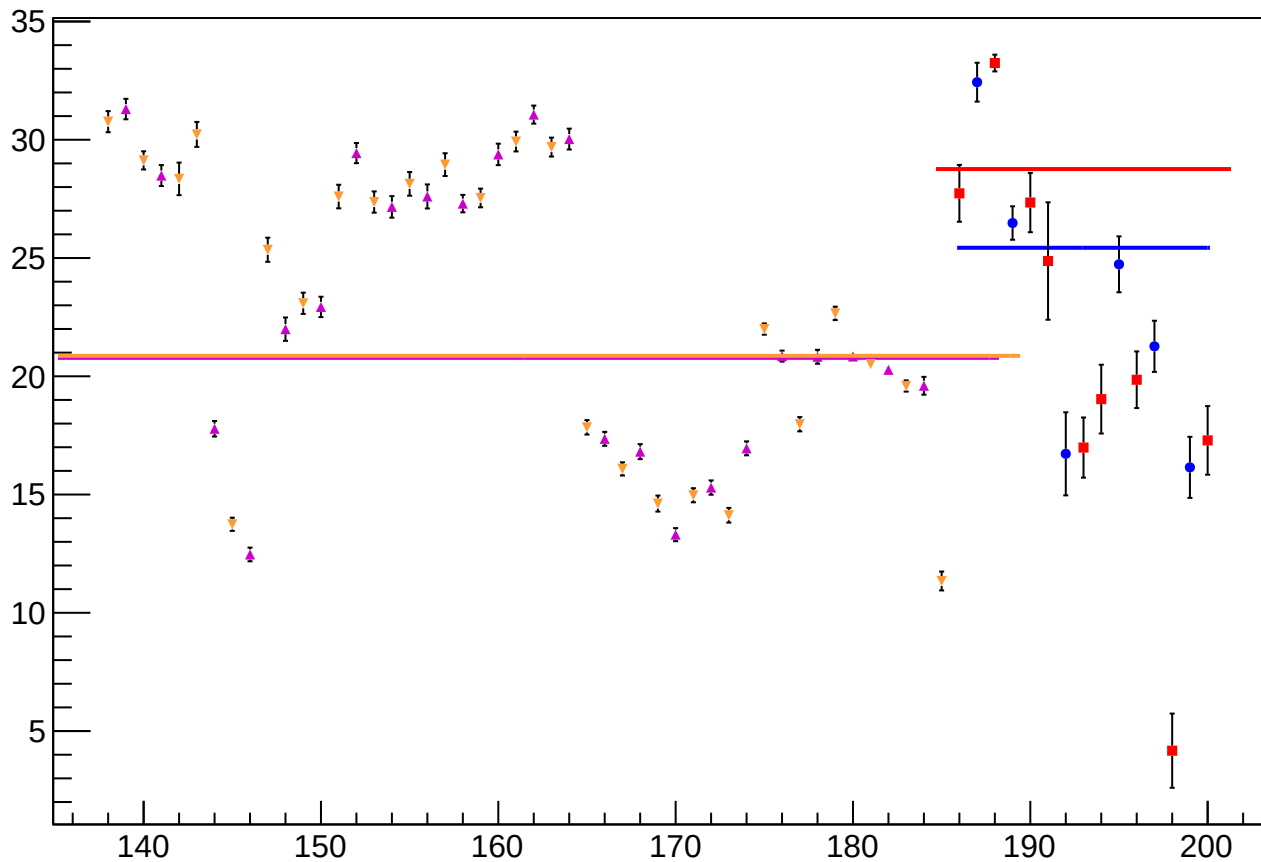
Left In: -2.190 $\pm$ 0.055 χ^2/NDF :1785.1/22

+ sign -2.148 $\pm$ 0.054 χ^2/NDF : 2207.9/30

All: -2.064 $\pm$ 0.038 χ^2/NDF : 5997.2/62

- sign -1.979 $\pm$ 0.054 χ^2/NDF : 3784.5/31

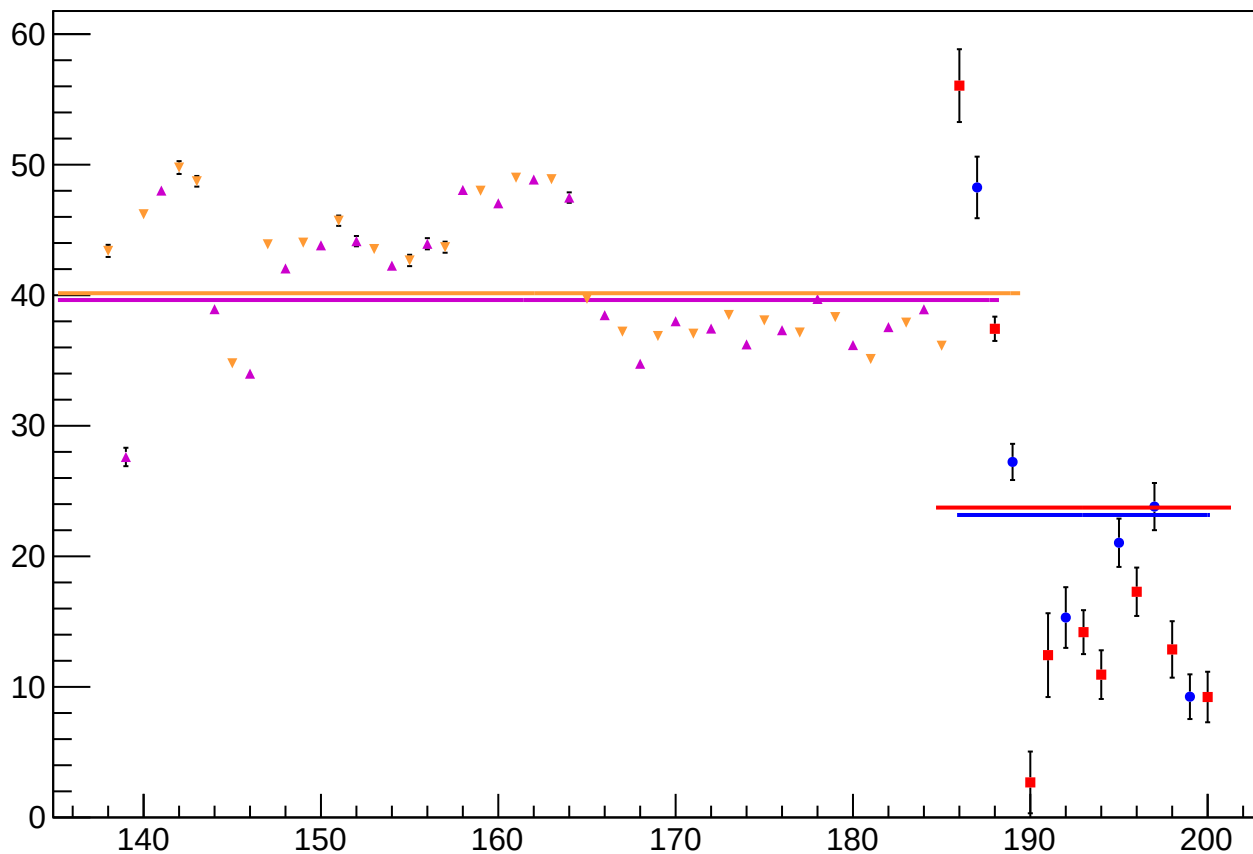
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 25.433 ± 0.409 $\chi^2/\text{NDF}: 166.2/5$
 Left Out: 20.865 ± 0.067 $\chi^2/\text{NDF}: 6608.4/24$
 Right Out: 28.762 ± 0.287 $\chi^2/\text{NDF}: 658.7/8$
 Left In: 20.780 ± 0.067 $\chi^2/\text{NDF}: 5988.0/22$

+ sign 20.983 ± 0.066 $\chi^2/\text{NDF}: 6896.0/30$
 All: 21.090 ± 0.046 $\chi^2/\text{NDF}: 14281.3/62$
 - sign 21.195 ± 0.065 $\chi^2/\text{NDF}: 7380.1/31$

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 23.168 $\pm$ 0.740 χ^2 /NDF: 200.8/5

Left Out: 40.154 $\pm$ 0.060 χ^2 /NDF: 5861.6/24

Right Out: 23.736 $\pm$ 0.580 χ^2 /NDF: 615.5/8

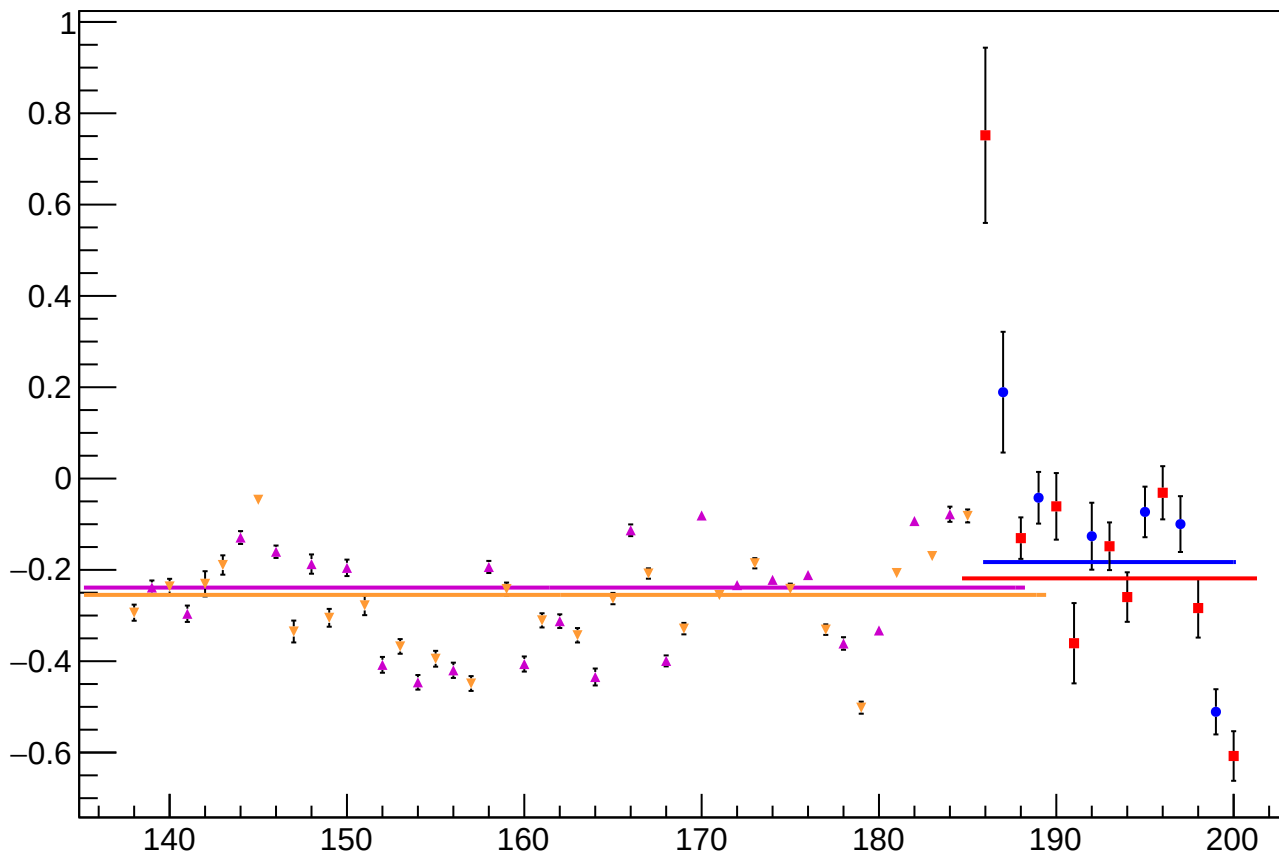
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.041 $\pm$ 0.060 χ^2 /NDF: 6585.6/30

All: 39.752 $\pm$ 0.043 χ^2 /NDF: 13333.9/62

- sign 39.457 $\pm$ 0.061 χ^2 /NDF: 6701.9/31

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.183 ± 0.025 χ^2/NDF : 64.4/5

Left Out: -0.255 ± 0.003 χ^2/NDF : 1417.7/24

Right Out: -0.219 ± 0.020 χ^2/NDF : 101.7/8

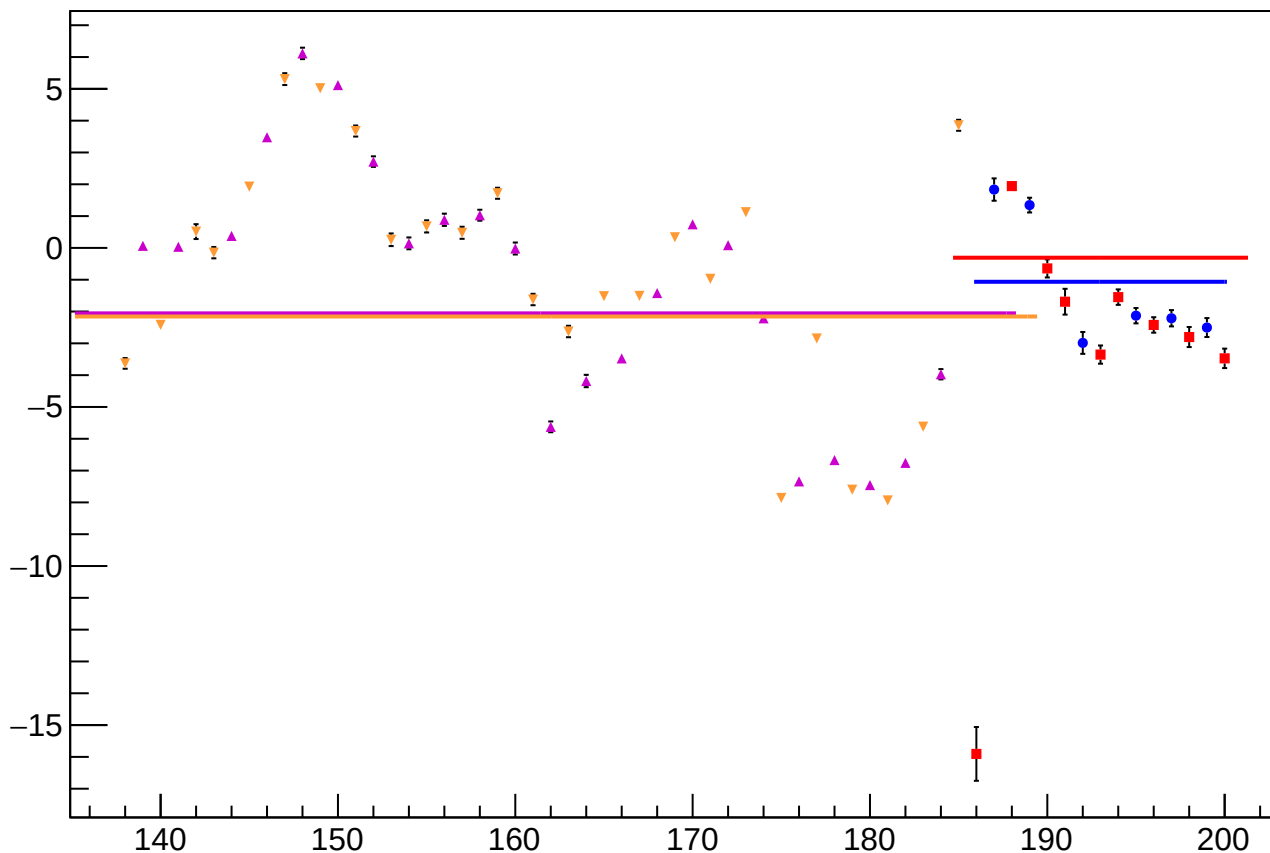
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.254 ± 0.003 χ^2/NDF : 1490.0/30

All: -0.246 ± 0.002 χ^2/NDF : 3358.7/62

- sign -0.238 ± 0.003 χ^2/NDF : 1852.7/31

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -1.065+/-0.113 χ^2/NDF : 269.9/5

Left Out: -2.156+/-0.026 χ^2/NDF : 24501.3/24

Right Out: -0.308+/-0.077 χ^2/NDF : 1159.2/8

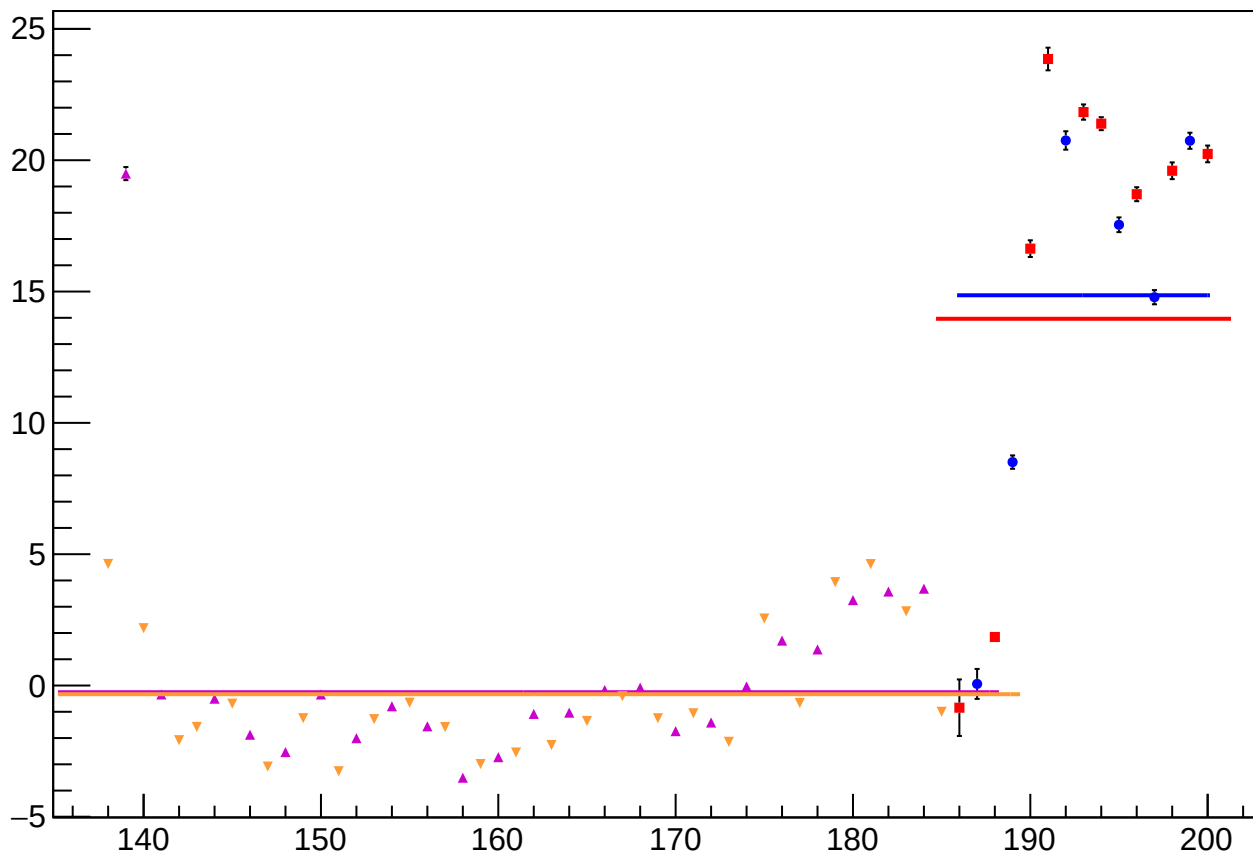
Left In: -2.058+/-0.026 χ^2/NDF : 23343.8/22

+ sign -2.102+/-0.025 χ^2/NDF : 24860.3/30

All: -1.988+/-0.018 χ^2/NDF : 49870.4/62

- sign -1.879+/-0.025 χ^2/NDF : 24969.4/31

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 14.858 $\pm$ 0.125 χ^2 /NDF: 2036.5/5

Left Out: -0.331 $\pm$ 0.021 χ^2 /NDF:12552.3/24

Right Out: 13.964 $\pm$ 0.093 χ^2 /NDF: 9070.5/8

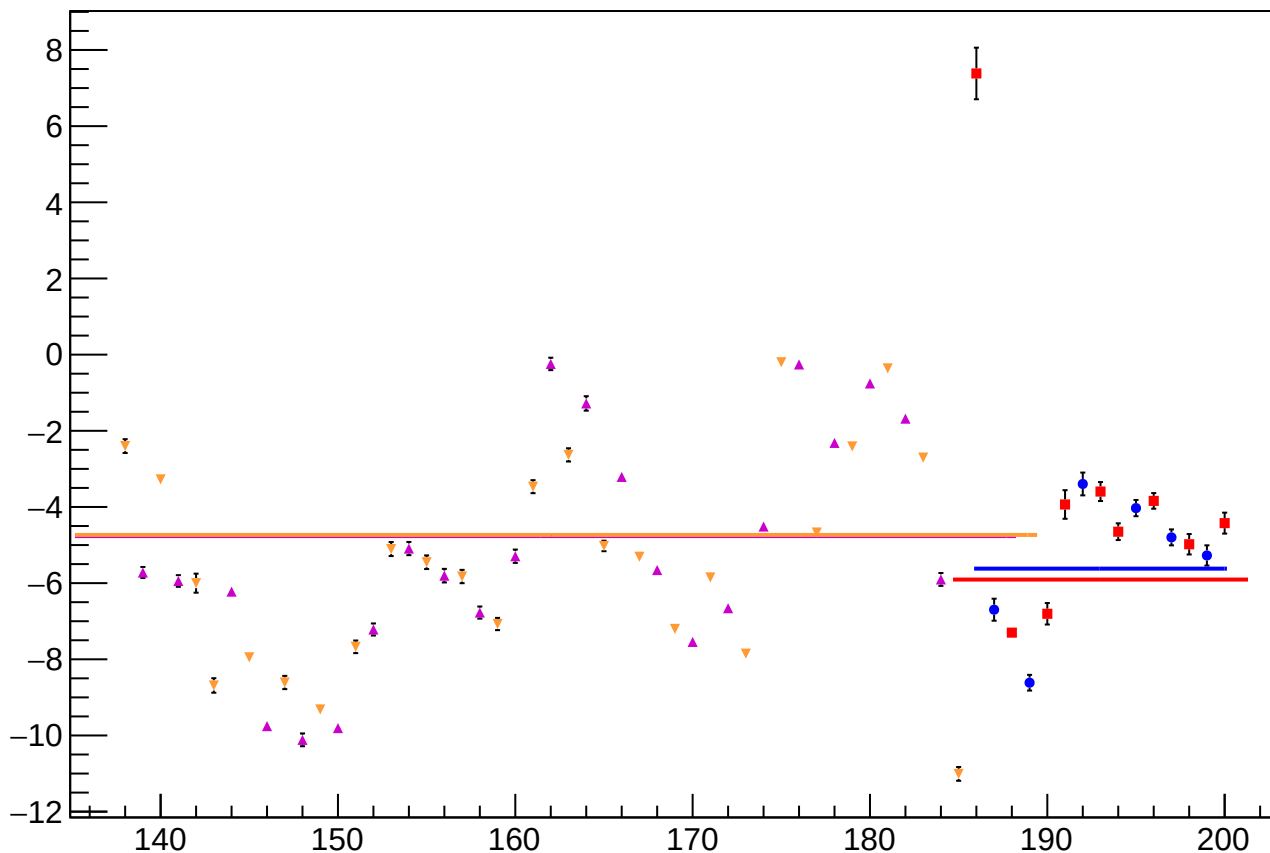
Left In: -0.255 $\pm$ 0.021 χ^2 /NDF:14162.0/22

+ sign 0.070 $\pm$ 0.020 χ^2 /NDF: 28890.2/30

All: 0.251 $\pm$ 0.014 χ^2 /NDF: 74682.2/62

- sign 0.432 $\pm$ 0.020 χ^2 /NDF: 45633.8/31

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -5.619+/-0.097 χ^2/NDF : 352.4/5

Left Out: -4.734+/-0.026 χ^2/NDF :13188.7/24

Right Out: -5.906+/-0.065 χ^2/NDF : 929.4/8

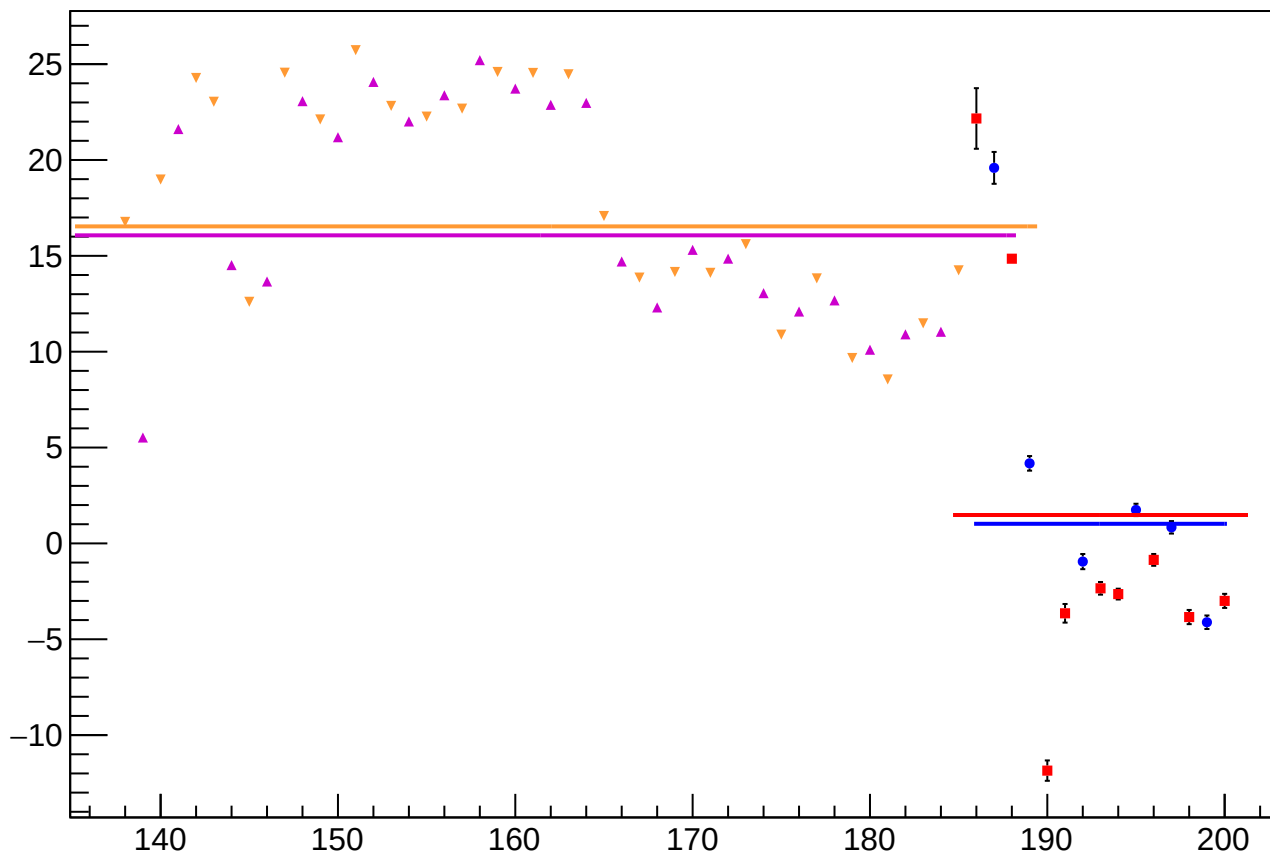
Left In: -4.764+/-0.026 χ^2/NDF :14163.2/22

+ sign -4.792+/-0.025 χ^2/NDF : 13618.3/30

All: -4.859+/-0.017 χ^2/NDF : 28989.9/62

- sign -4.921+/-0.024 χ^2/NDF : 15357.8/31

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 1.022 ± 0.155 $\chi^2/\text{NDF}: 809.5/5$

Left Out: 16.536 ± 0.023 $\chi^2/\text{NDF}: 53546.9/24$

Right Out: 1.481 ± 0.117 $\chi^2/\text{NDF}: 4939.5/8$

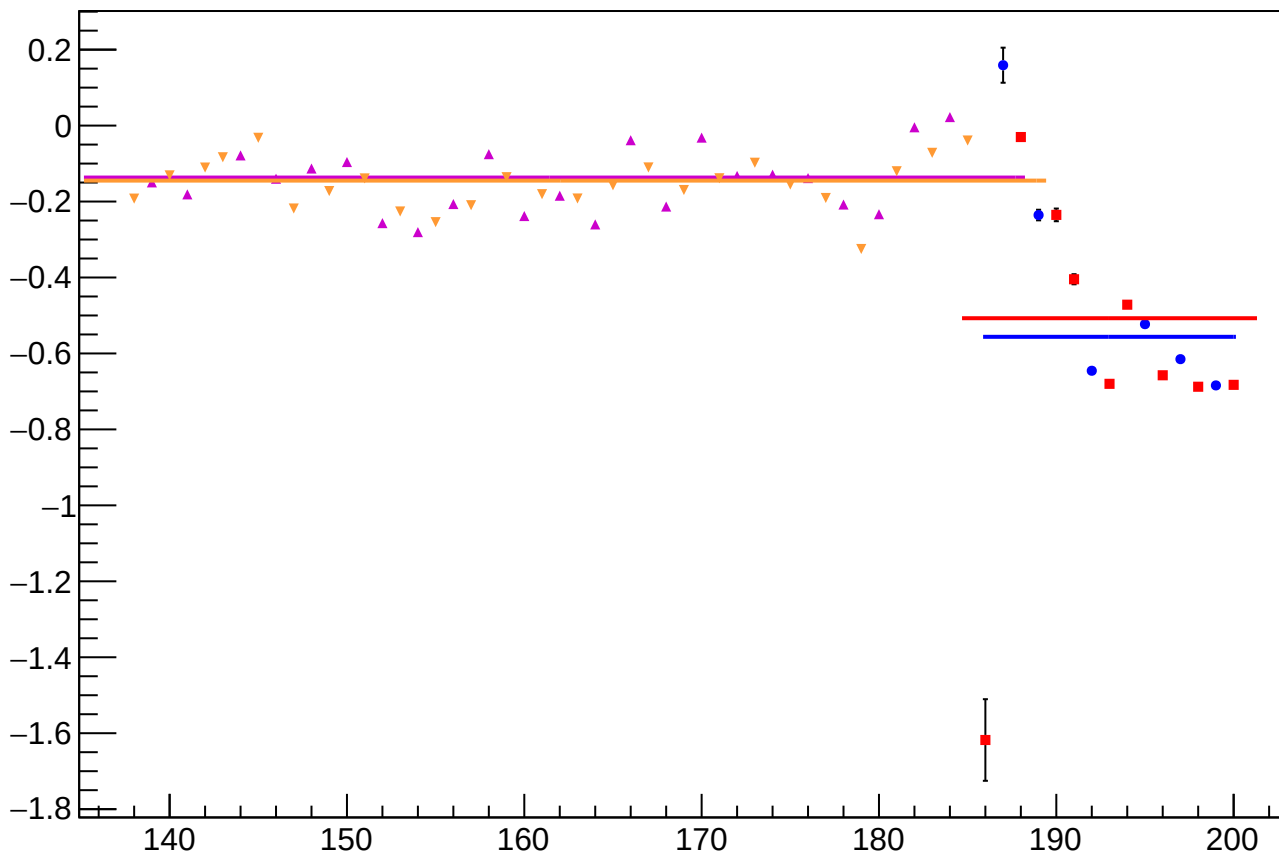
Left In: 16.069 ± 0.023 $\chi^2/\text{NDF}: 42736.3/22$

+ sign 16.195 ± 0.023 $\chi^2/\text{NDF}: 64212.0/30$

All: 15.850 ± 0.016 $\chi^2/\text{NDF}: 127362.9/62$

- sign 15.502 ± 0.023 $\chi^2/\text{NDF}: 62696.2/31$

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.556 ± 0.005 χ^2/NDF : 1018.5/5

Left Out: -0.145 ± 0.001 χ^2/NDF : 3755.1/24

Right Out: -0.507 ± 0.004 χ^2/NDF : 3629.3/8

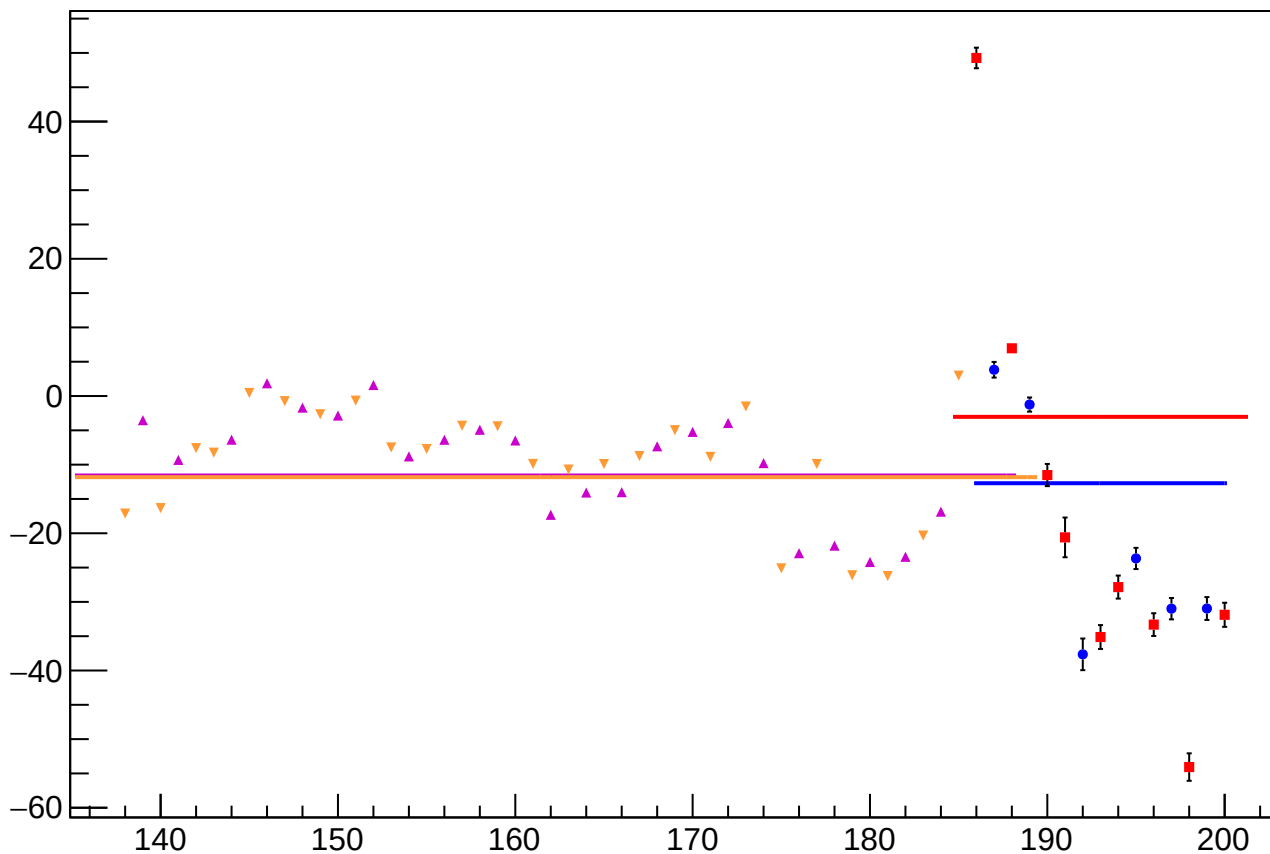
Left In: -0.137 ± 0.001 χ^2/NDF : 5383.4/22

+ sign -0.163 ± 0.001 χ^2/NDF : 11531.7/30

All: -0.164 ± 0.001 χ^2/NDF : 29586.2/62

- sign -0.164 ± 0.001 χ^2/NDF : 18053.7/31

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -12.707 ± 0.570 χ^2/NDF : 757.8/5

Left Out: -11.823 ± 0.070 χ^2/NDF : 17277.3/24

Right Out: -3.034 ± 0.407 χ^2/NDF : 3440.4/8

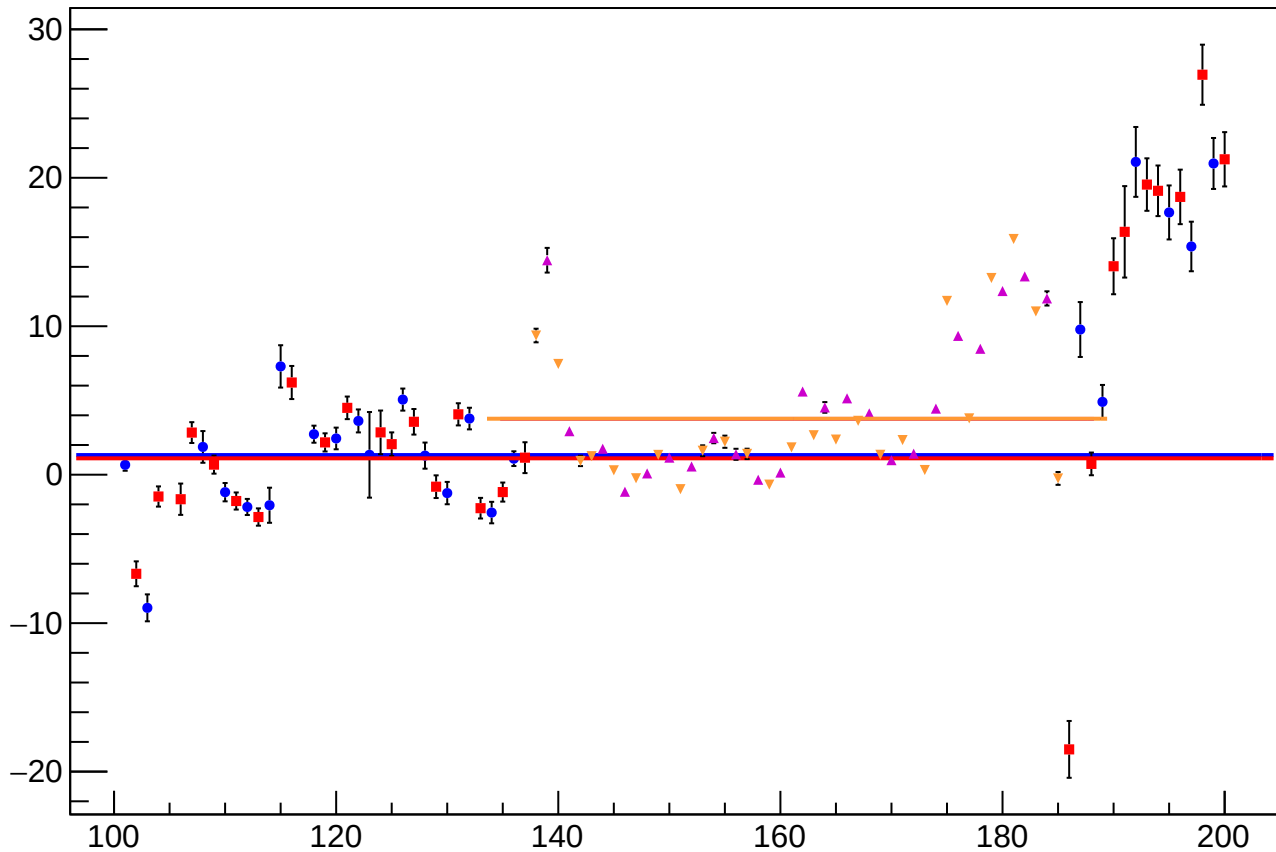
Left In: -11.580 ± 0.071 χ^2/NDF : 14243.6/22

+ sign -11.836 ± 0.070 χ^2/NDF : 18037.5/30

All: -11.582 ± 0.049 χ^2/NDF : 36176.1/62

- sign -11.326 ± 0.070 χ^2/NDF : 18112.1/31

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 1.322 $\pm$ 0.164 χ^2 /NDF: 693.3/22

Left Out: 3.770 $\pm$ 0.056 χ^2 /NDF: 7420.4/24

Right Out: 1.102 $\pm$ 0.165 χ^2 /NDF: 1071.2/26

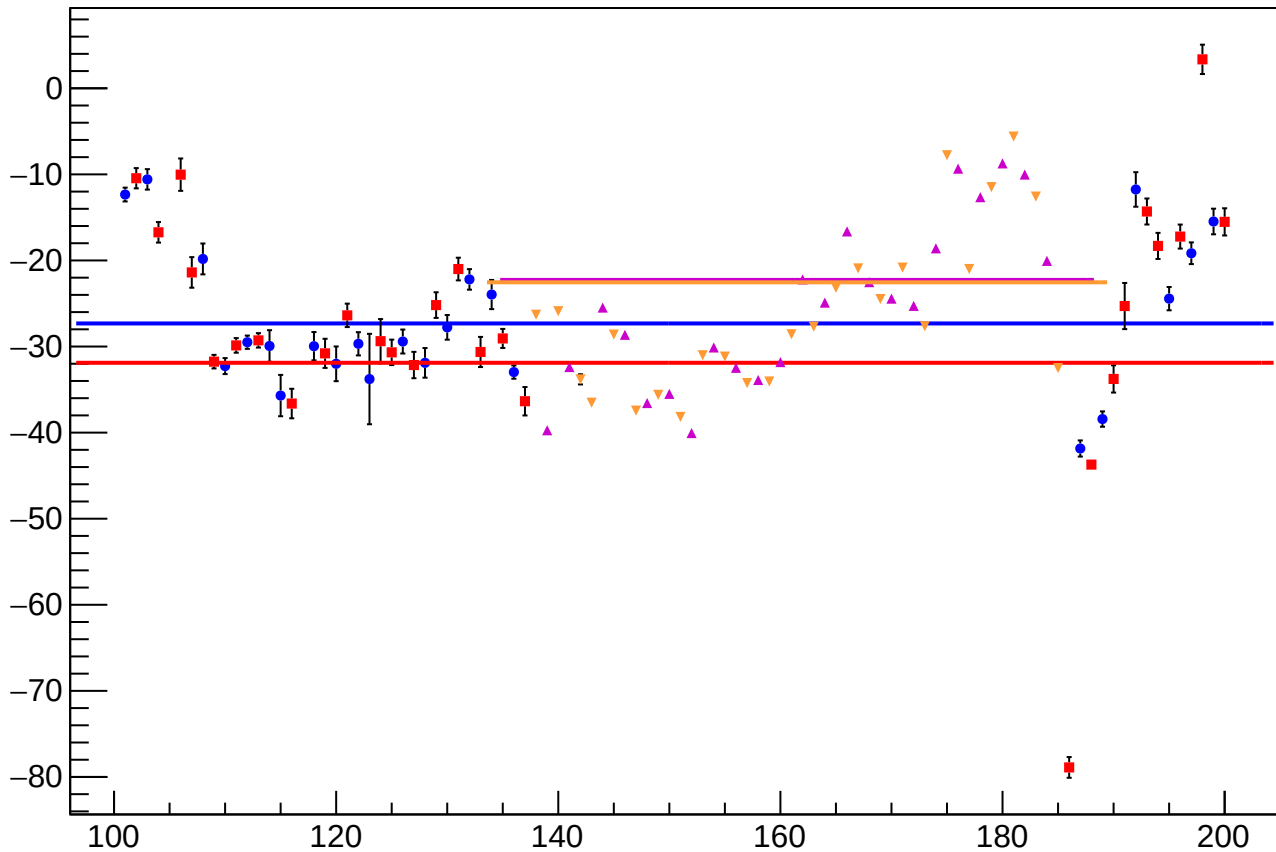
Left In: 3.755 $\pm$ 0.056 χ^2 /NDF: 5655.2/22

+ sign 3.517 $\pm$ 0.053 χ^2 /NDF: 8313.9/47

All: 3.498 $\pm$ 0.038 χ^2 /NDF: 15271.4/97

- sign 3.478 $\pm$ 0.053 χ^2 /NDF: 6957.2/49

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -27.318 ± 0.255 $\chi^2/\text{NDF}: 1276.4/22$

Left Out: -22.540 ± 0.071 $\chi^2/\text{NDF}: 19751.6/24$

Right Out: -31.888 ± 0.224 $\chi^2/\text{NDF}: 3941.9/26$

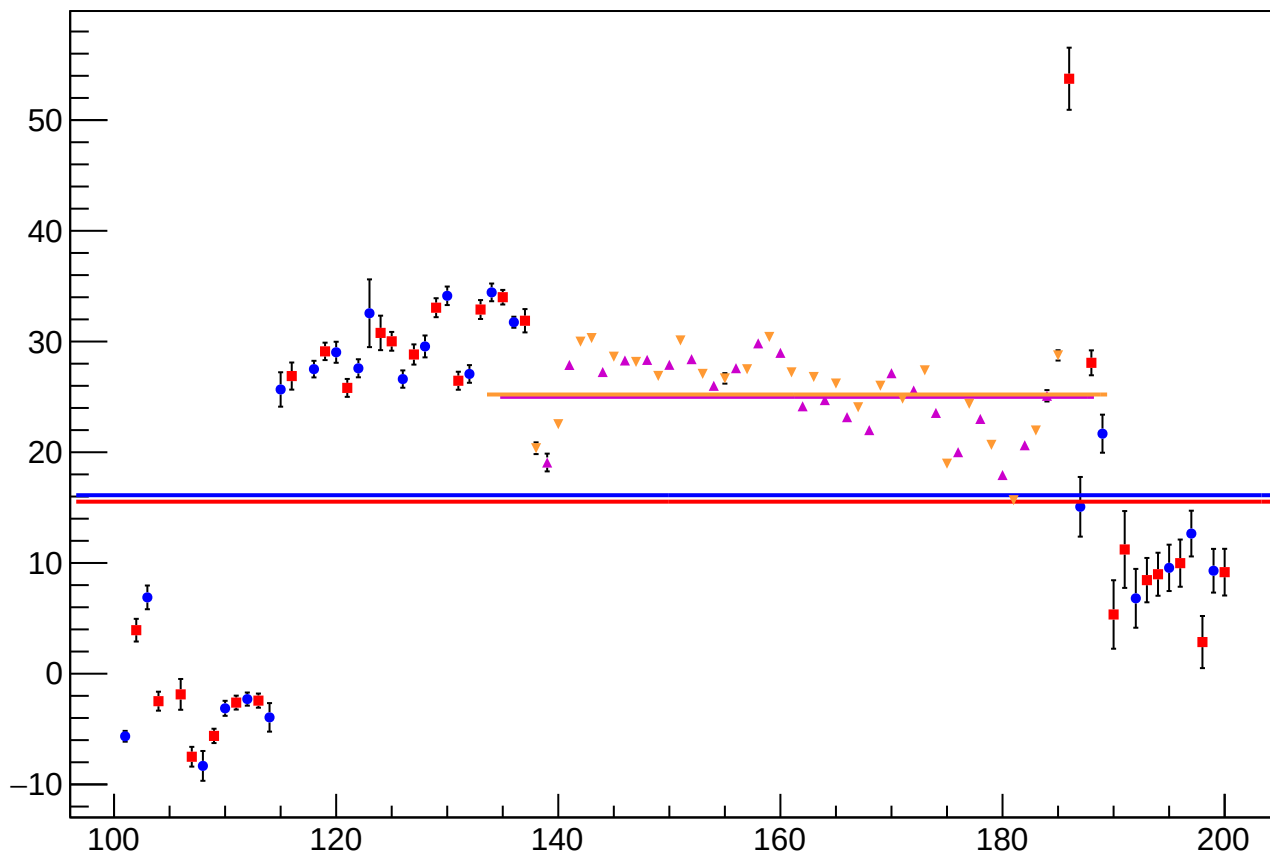
Left In: -22.258 ± 0.071 $\chi^2/\text{NDF}: 17838.4/22$

+ sign -22.882 ± 0.068 $\chi^2/\text{NDF}: 21354.7/47$

All: -23.014 ± 0.048 $\chi^2/\text{NDF}: 44820.1/97$

- sign -23.144 ± 0.068 $\chi^2/\text{NDF}: 23458.0/49$

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.120 ± 0.187 $\chi^2/\text{NDF}: 7659.3/22$

Left Out: 25.216 ± 0.063 $\chi^2/\text{NDF}: 3738.3/24$

Right Out: 15.537 ± 0.189 $\chi^2/\text{NDF}: 7659.5/26$

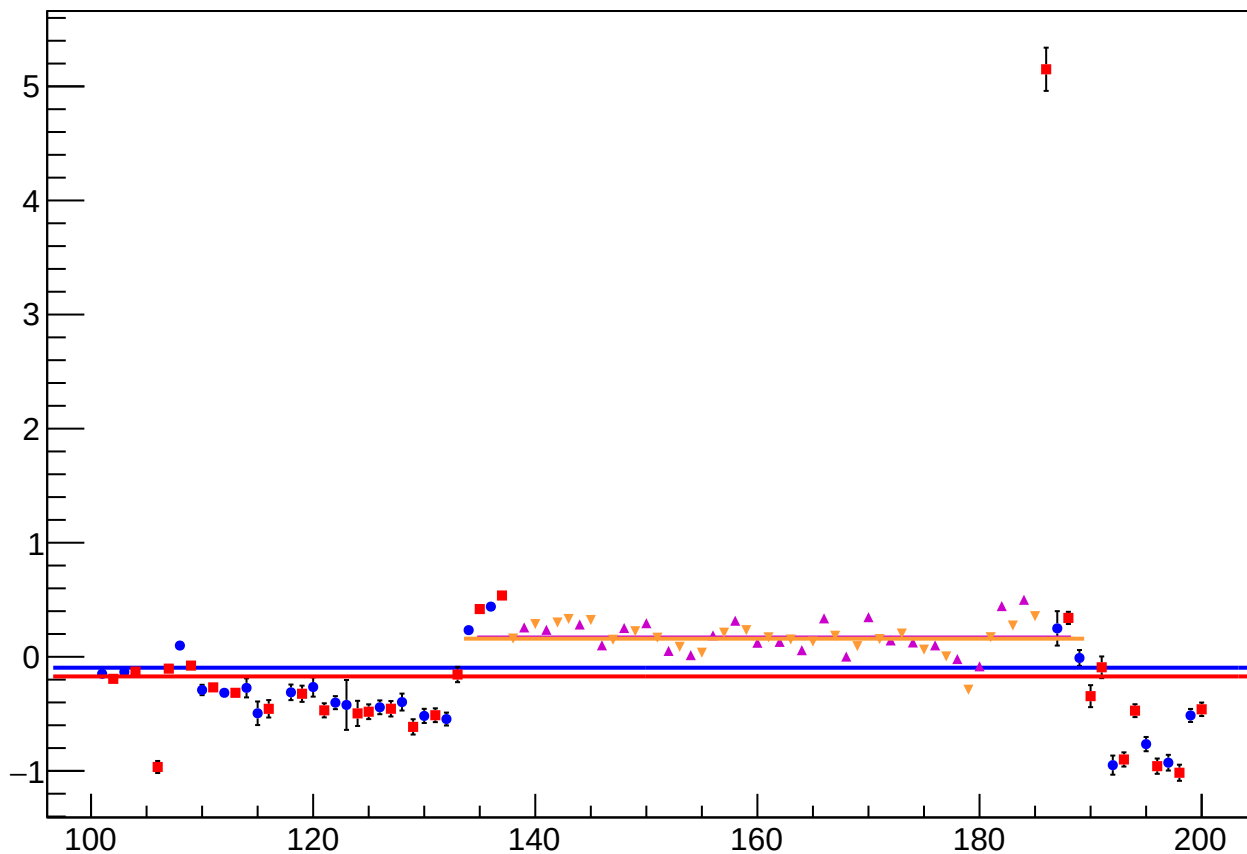
Left In: 25.005 ± 0.064 $\chi^2/\text{NDF}: 2733.7/22$

+ sign 24.292 ± 0.059 $\chi^2/\text{NDF}: 13533.7/47$

All: 24.169 ± 0.042 $\chi^2/\text{NDF}: 26187.7/97$

- sign 24.042 ± 0.060 $\chi^2/\text{NDF}: 12645.4/49$

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.096 ± 0.010 χ^2/NDF : 1473.0/22

Left Out: 0.159 ± 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.172 ± 0.009 χ^2/NDF : 2535.0/26

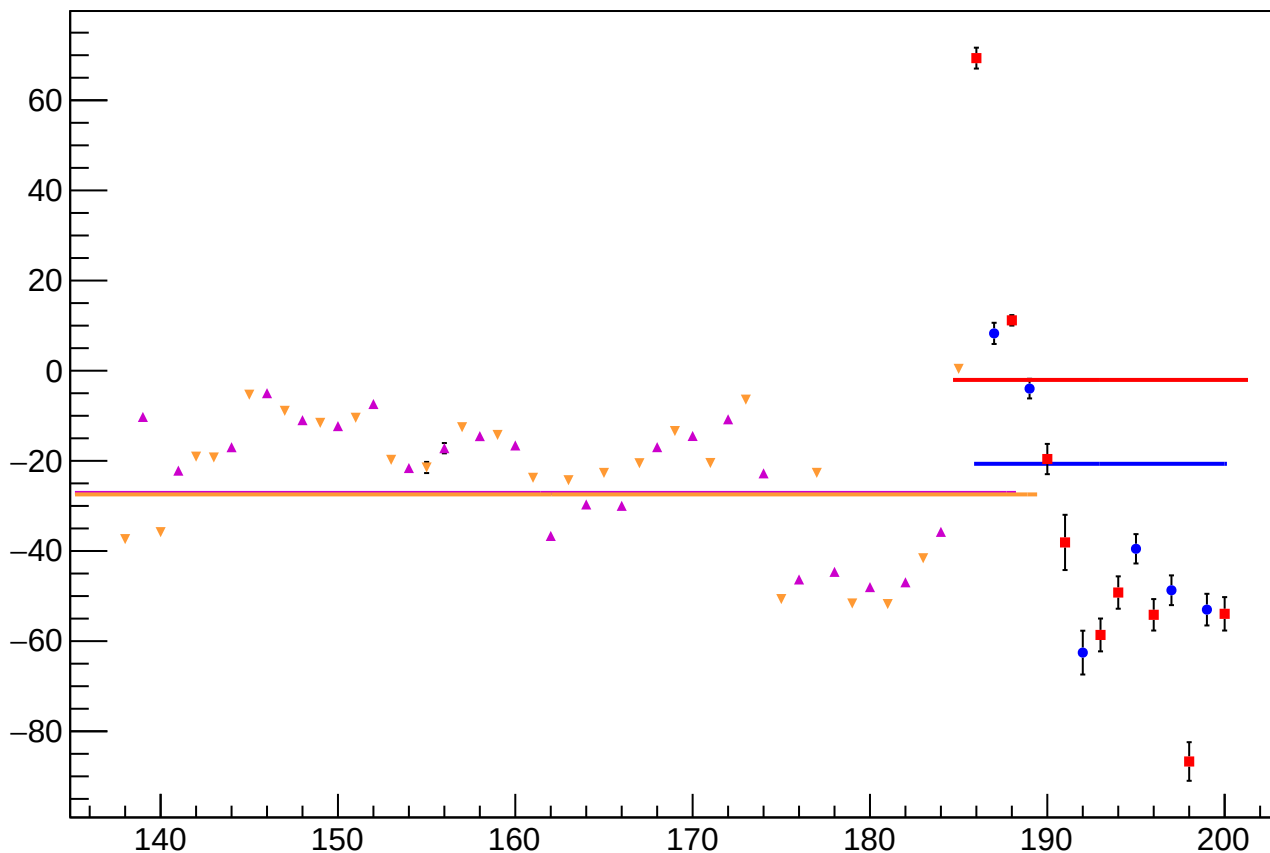
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.139 ± 0.003 χ^2/NDF : 3959.9/47

All: 0.139 ± 0.002 χ^2/NDF : 10111.8/97

- sign 0.140 ± 0.003 χ^2/NDF : 6151.8/49

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -20.655 ± 1.194 $\chi^2/\text{NDF}: 475.3/5$

Left Out: -27.447 ± 0.137 $\chi^2/\text{NDF}: 14820.6/24$

Right Out: -2.044 ± 0.843 $\chi^2/\text{NDF}: 2363.7/8$

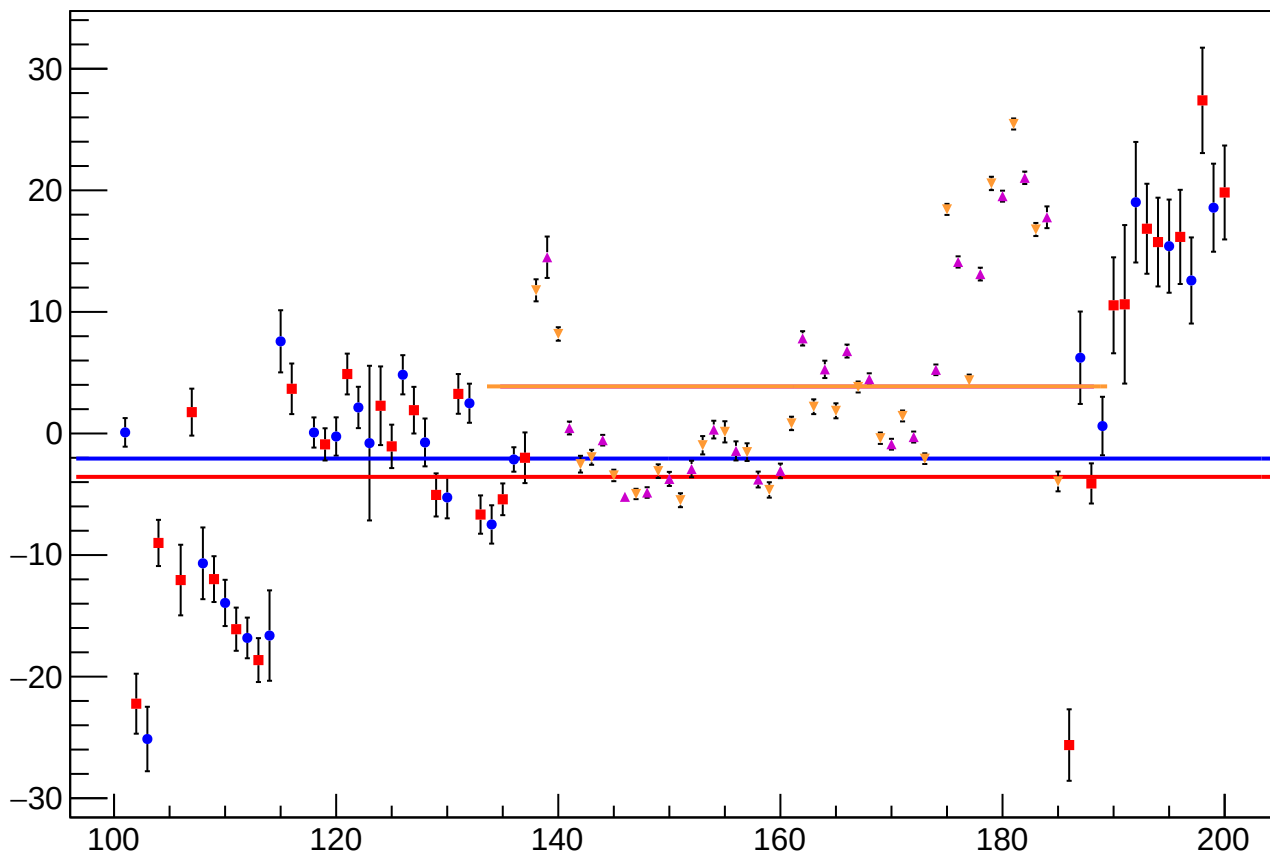
Left In: -27.114 ± 0.139 $\chi^2/\text{NDF}: 11443.8/22$

+ sign -27.359 ± 0.136 $\chi^2/\text{NDF}: 15327.9/30$

All: -26.909 ± 0.097 $\chi^2/\text{NDF}: 30017.4/62$

- sign -26.454 ± 0.137 $\chi^2/\text{NDF}: 14667.7/31$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -2.063 ± 0.391 χ^2/NDF : 380.8/22

Left Out: 3.873 ± 0.109 χ^2/NDF : 6906.0/24

Right Out: -3.569 ± 0.396 χ^2/NDF : 546.5/26

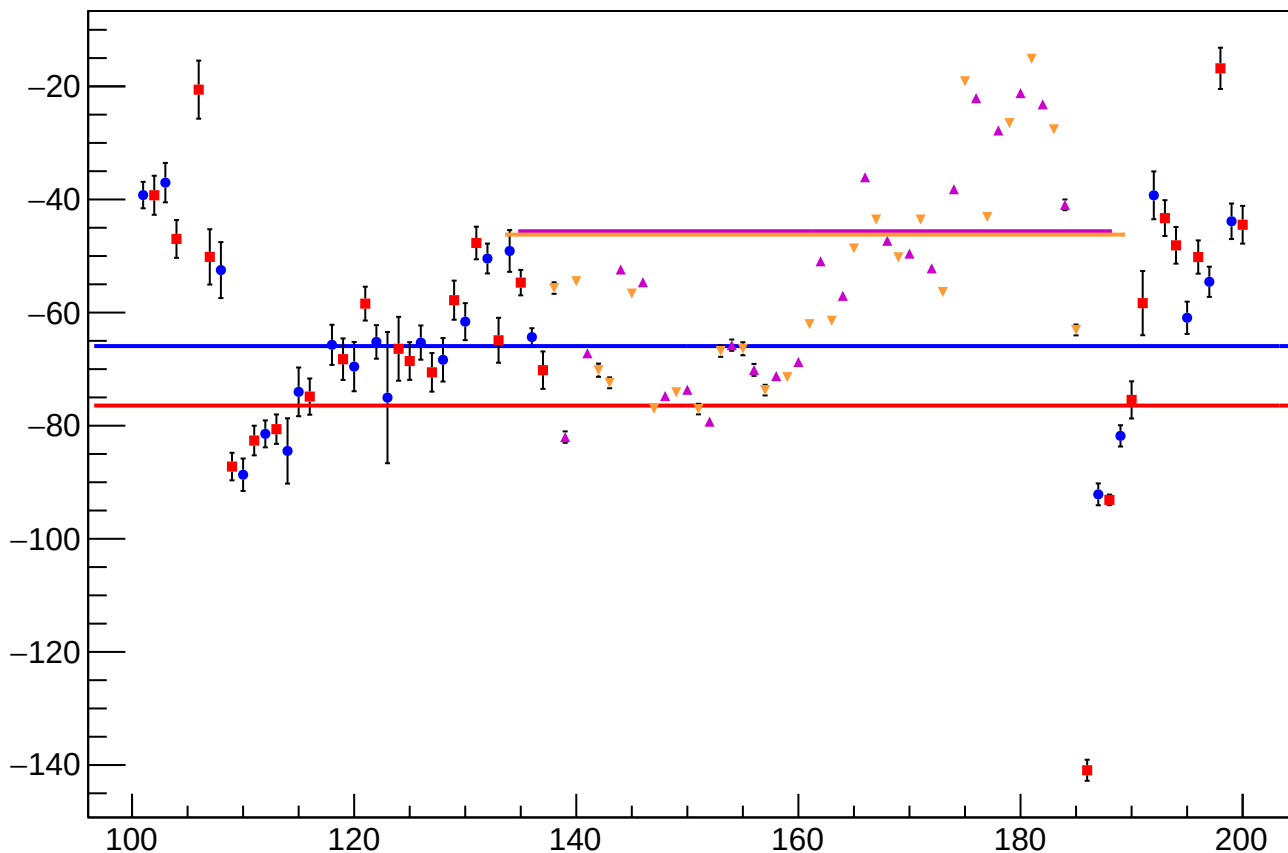
Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

+ sign 3.442 ± 0.105 χ^2/NDF : 7500.2/47

All: 3.382 ± 0.075 χ^2/NDF : 13812.8/97

- sign 3.320 ± 0.107 χ^2/NDF : 6311.9/49

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -65.923 ± 0.597 χ^2/NDF : 751.5/22

Left Out: -46.213 ± 0.138 χ^2/NDF : 19981.0/24

Right Out: -76.440 ± 0.514 χ^2/NDF : 2805.5/26

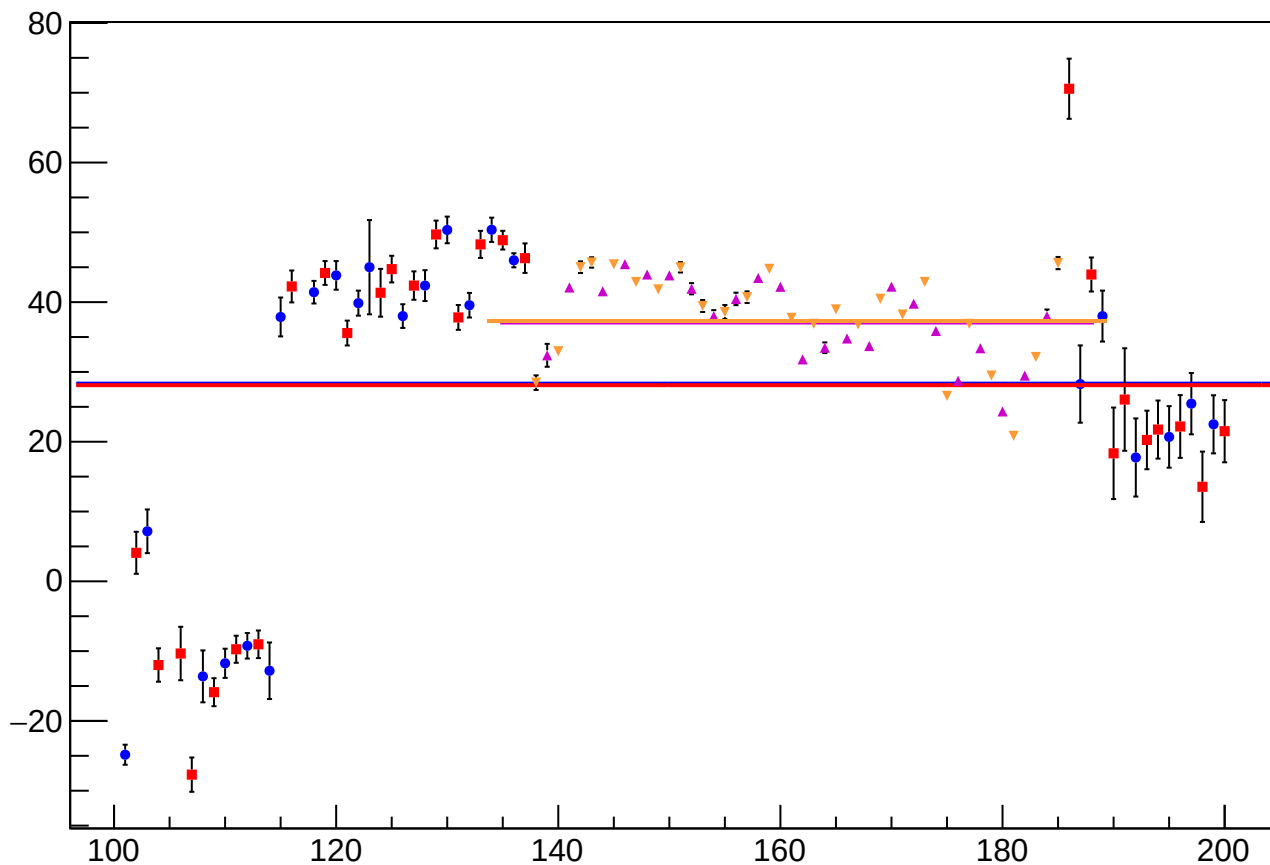
Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

+ sign -47.216 ± 0.135 χ^2/NDF : 21767.9/47

All: -47.470 ± 0.095 χ^2/NDF : 45678.4/97

- sign -47.723 ± 0.134 χ^2/NDF : 23903.4/49

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.322 $\pm$ 0.443 χ^2 /NDF: 3346.3/22

Left Out: 37.298 $\pm$ 0.123 χ^2 /NDF:3113.0/24

Right Out: 28.104 $\pm$ 0.453 χ^2 /NDF: 3188.9/26

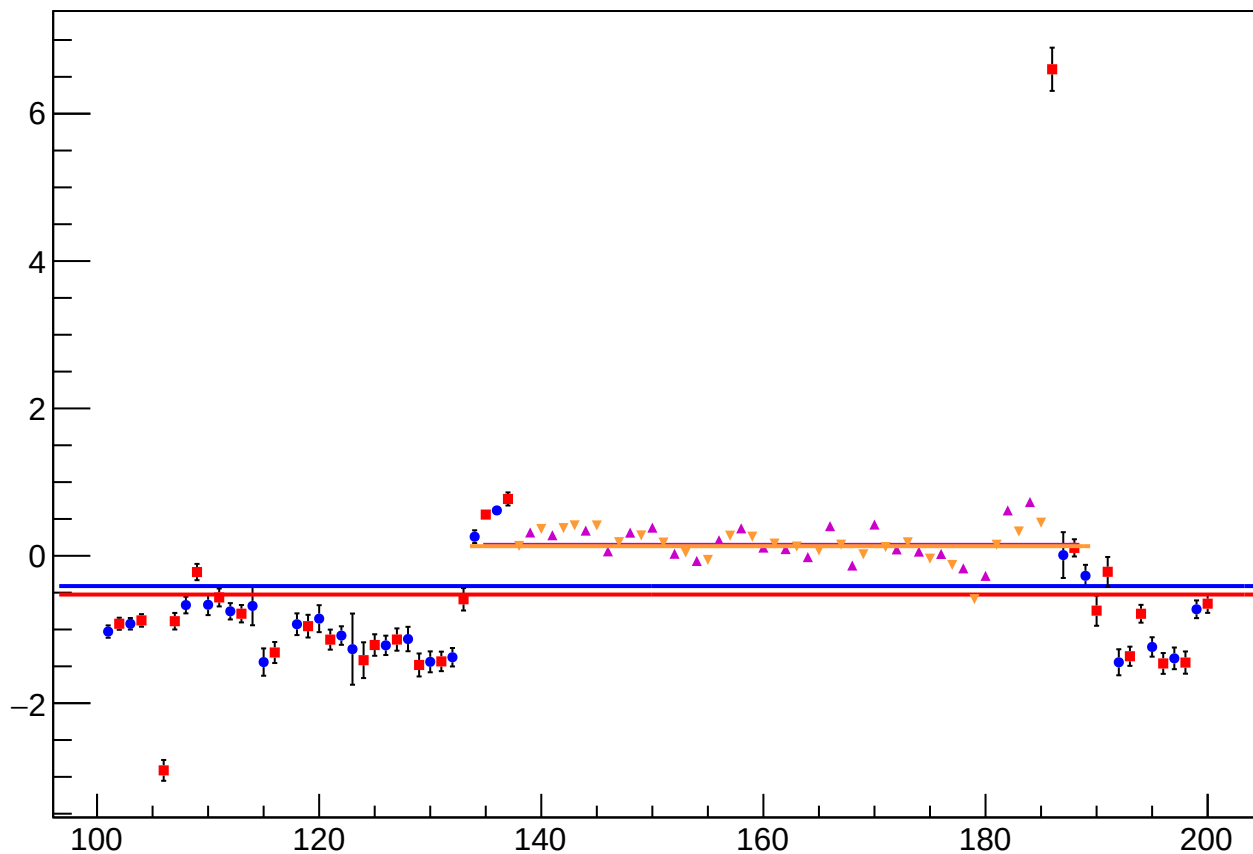
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

+ sign 36.656 $\pm$ 0.119 χ^2 /NDF: 6839.8/47

All: 36.553 $\pm$ 0.084 χ^2 /NDF: 12800.6/97

- sign 36.447 $\pm$ 0.120 χ^2 /NDF: 5959.3/49

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.411 ± 0.023 χ^2/NDF : 1152.4/22

Left Out: 0.130 ± 0.006 χ^2/NDF : 1419.7/24

Right Out: -0.526 ± 0.023 χ^2/NDF : 1916.3/26

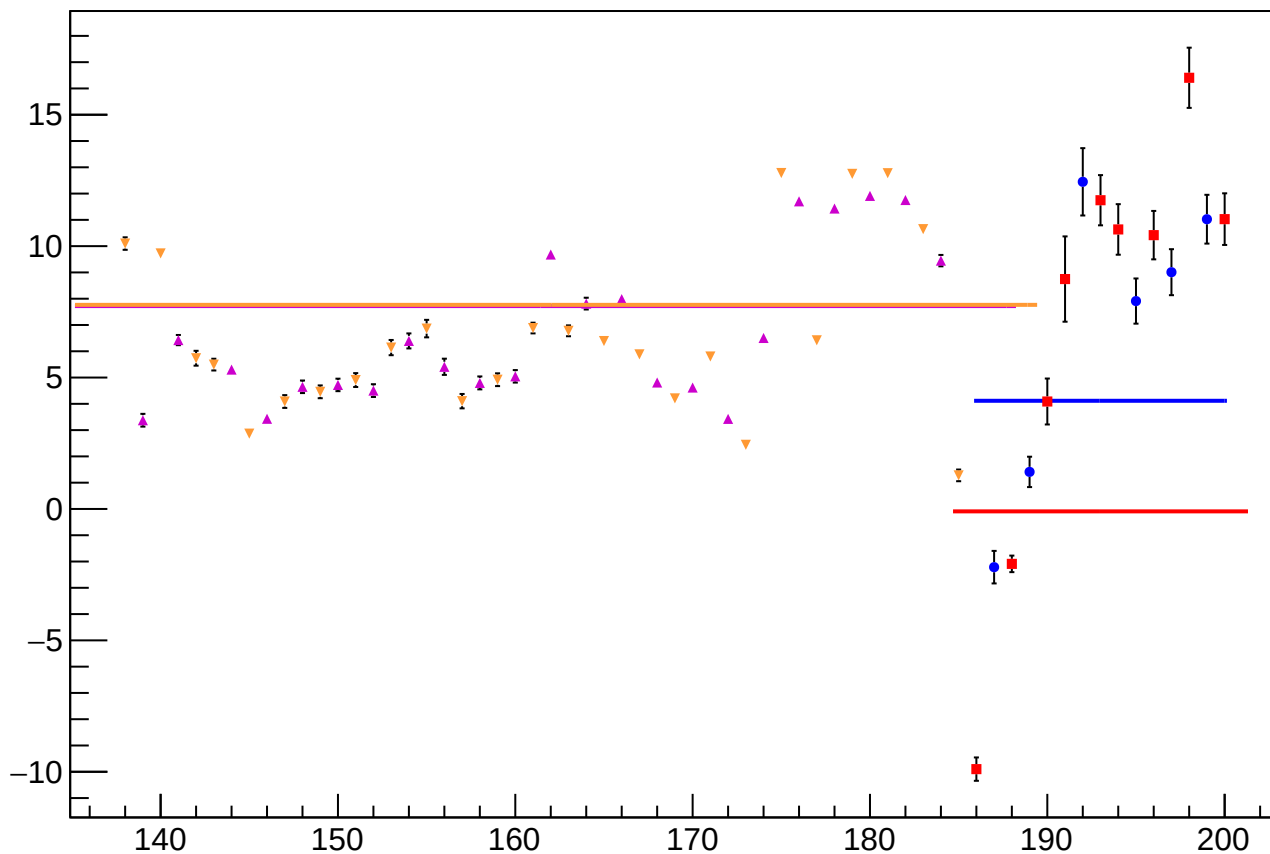
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.100 ± 0.005 χ^2/NDF : 3090.4/47

All: 0.104 ± 0.004 χ^2/NDF : 7645.6/97

- sign 0.109 ± 0.006 χ^2/NDF : 4553.9/49

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 4.116 ± 0.316 χ^2/NDF : 275.0/5

Left Out: 7.766 ± 0.034 χ^2/NDF : 11703.8/24

Right Out: -0.092 ± 0.213 χ^2/NDF : 1324.0/8

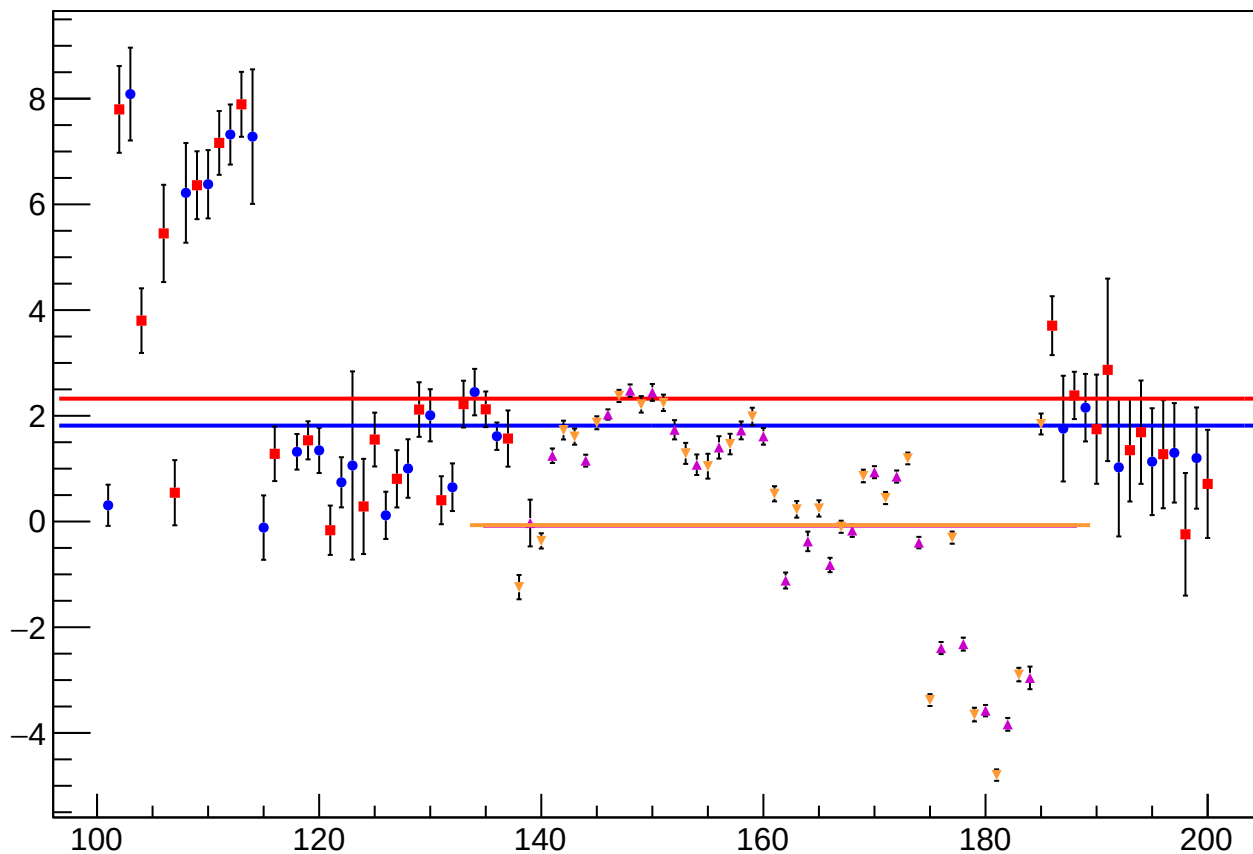
Left In: 7.719 ± 0.035 χ^2/NDF : 8490.5/22

+ sign 7.723 ± 0.034 χ^2/NDF : 12110.9/30

All: 7.620 ± 0.024 χ^2/NDF : 23251.6/62

- sign 7.515 ± 0.034 χ^2/NDF : 11122.4/31

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.814 ± 0.111 χ^2/NDF : 296.7/22

Left Out: -0.069 ± 0.028 χ^2/NDF : 6033.5/24

Right Out: 2.325 ± 0.111 χ^2/NDF : 345.7/26

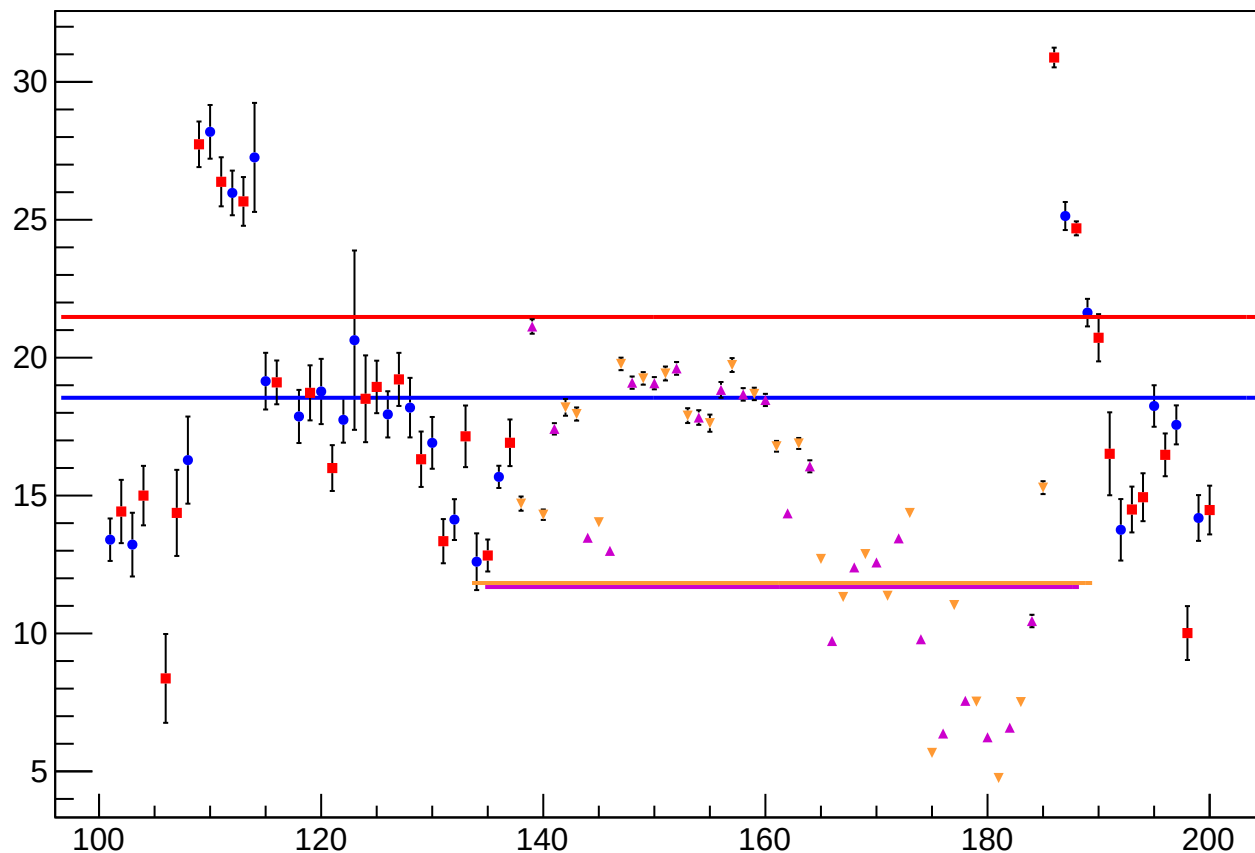
Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

+ sign 0.043 ± 0.027 χ^2/NDF : 6602.0/47

All: 0.054 ± 0.019 χ^2/NDF : 12375.0/97

- sign 0.066 ± 0.027 χ^2/NDF : 5772.7/49

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.546 $\pm$ 0.166 χ^2 /NDF: 649.3/22

Left Out: 11.830 $\pm$ 0.035 χ^2 /NDF:19032.5/24

Right Out: 21.476 $\pm$ 0.138 χ^2 /NDF: 1978.7/26

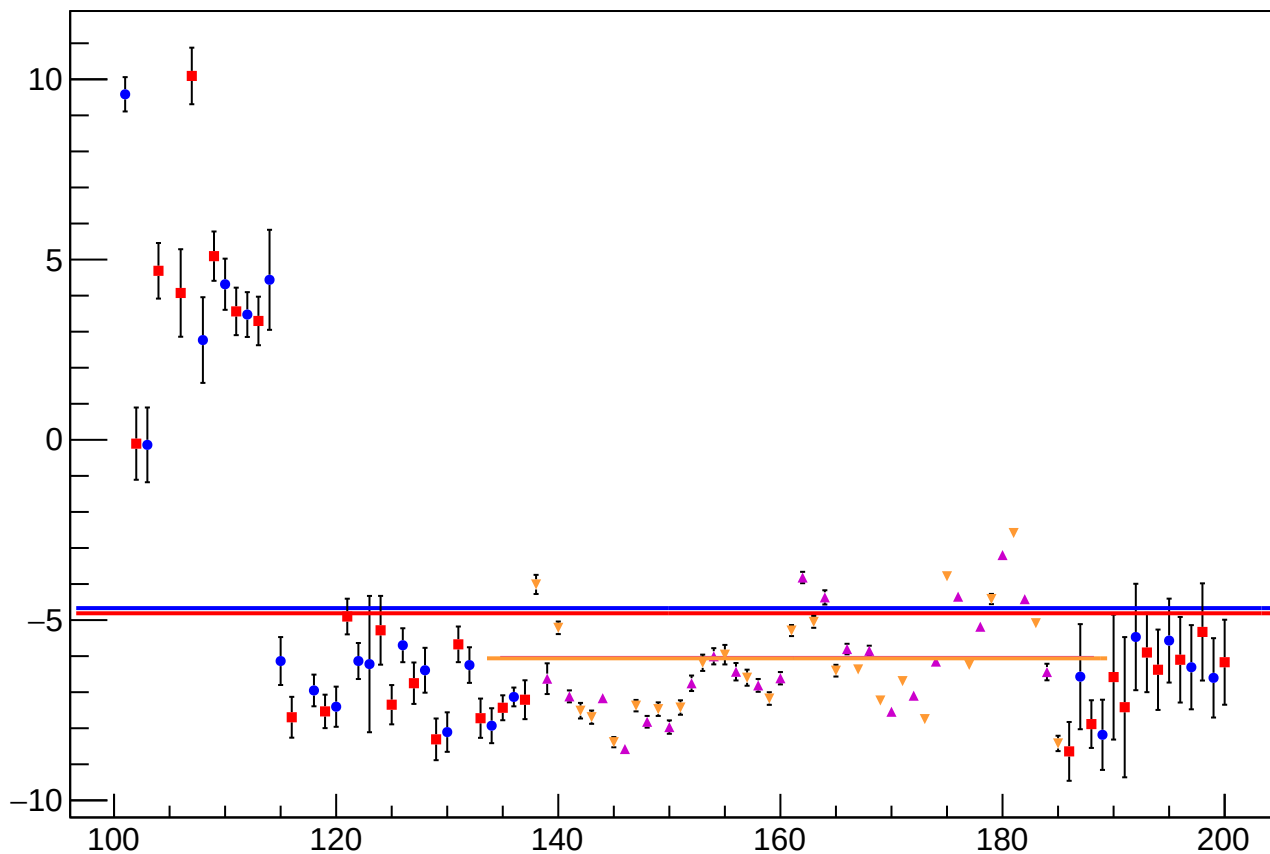
Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

+ sign 12.111 $\pm$ 0.034 χ^2 /NDF: 21246.4/47

All: 12.195 $\pm$ 0.024 χ^2 /NDF: 44911.8/97

- sign 12.279 $\pm$ 0.034 χ^2 /NDF: 23653.1/49

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.668 ± 0.125 χ^2/NDF : 1612.1/22

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.811 ± 0.128 χ^2/NDF : 1396.0/26

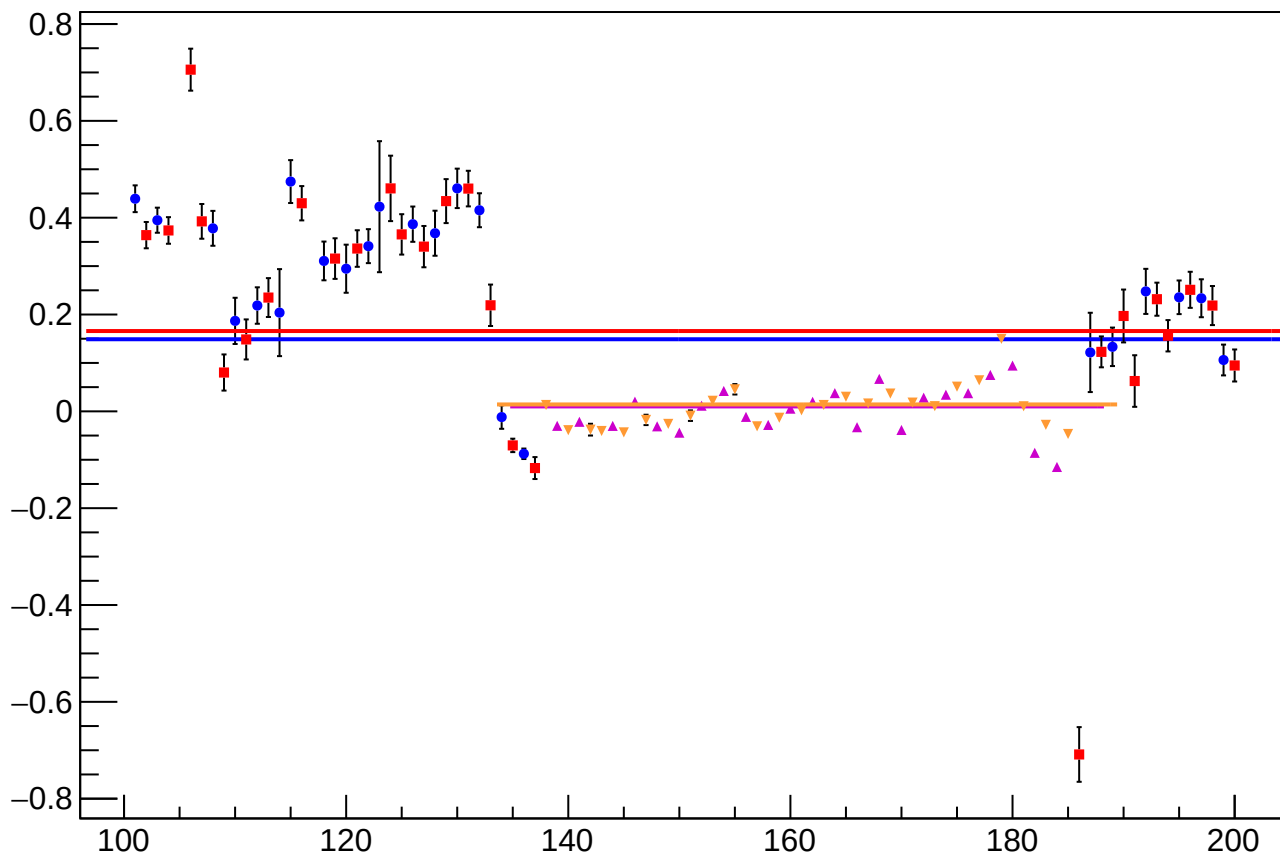
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.979 ± 0.030 χ^2/NDF : 4378.1/47

All: -5.979 ± 0.022 χ^2/NDF : 8166.0/97

- sign -5.978 ± 0.031 χ^2/NDF : 3787.8/49

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.149 $\pm$ 0.006 χ^2 /NDF: 1078.5/22

Left Out: 0.014 $\pm$ 0.001 χ^2 /NDF: 950.9/24

Right Out: 0.166 $\pm$ 0.006 χ^2 /NDF: 1268.2/26

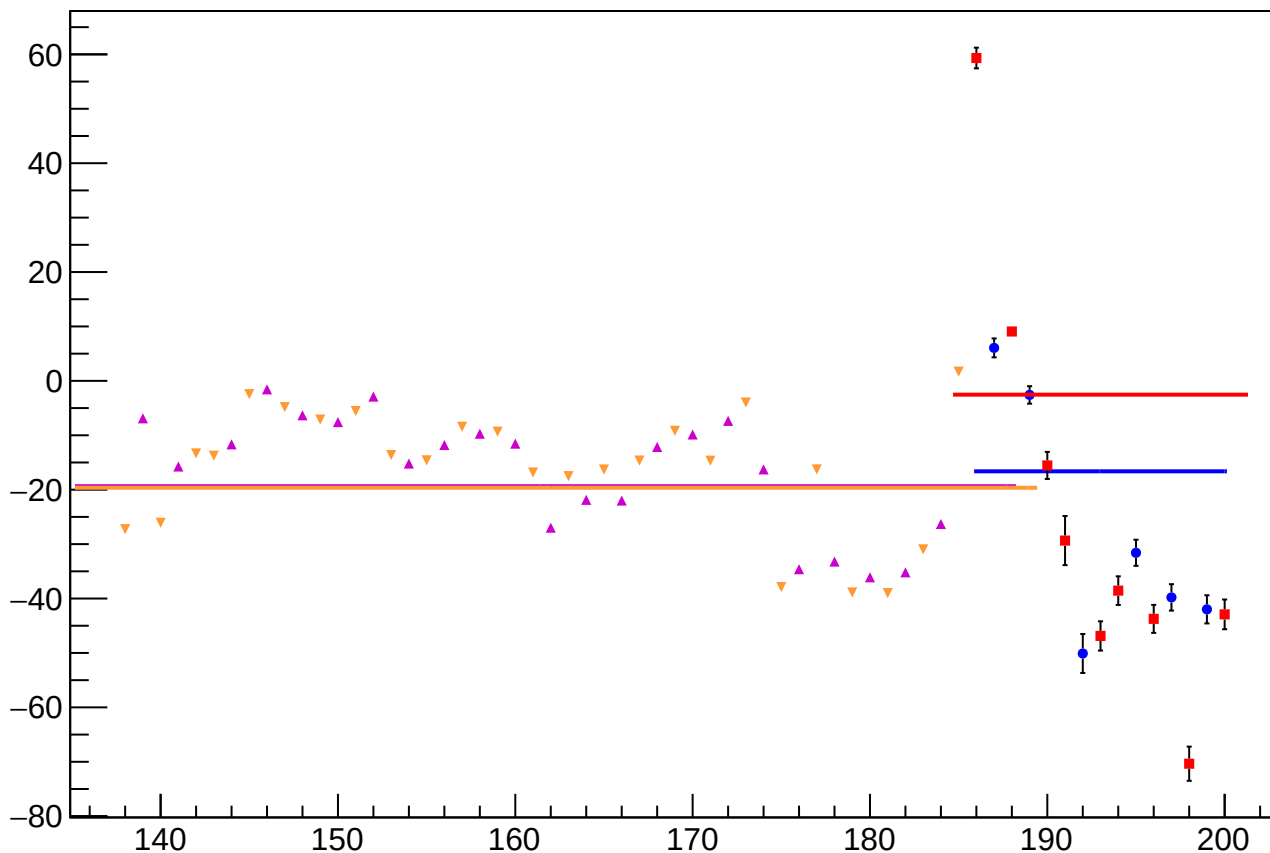
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1224.5/22

+ sign 0.020 $\pm$ 0.001 χ^2 /NDF: 2441.4/47

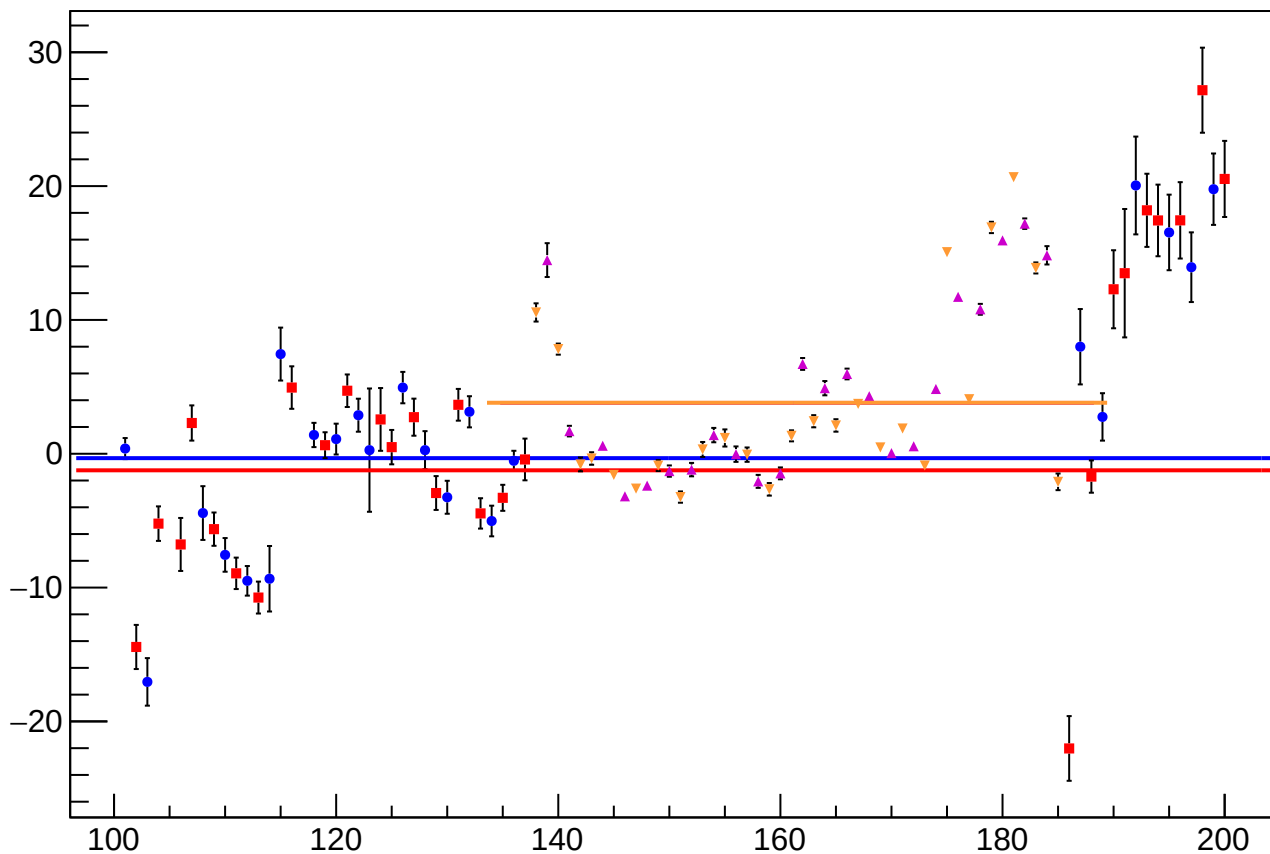
All: 0.019 $\pm$ 0.001 χ^2 /NDF: 5496.2/97

- sign 0.018 $\pm$ 0.001 χ^2 /NDF: 3052.8/49

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -0.329 ± 0.279 $\chi^2/\text{NDF}: 453.4/22$

Left Out: 3.811 ± 0.082 $\chi^2/\text{NDF}: 7118.3/24$

Right Out: -1.237 ± 0.282 $\chi^2/\text{NDF}: 680.4/26$

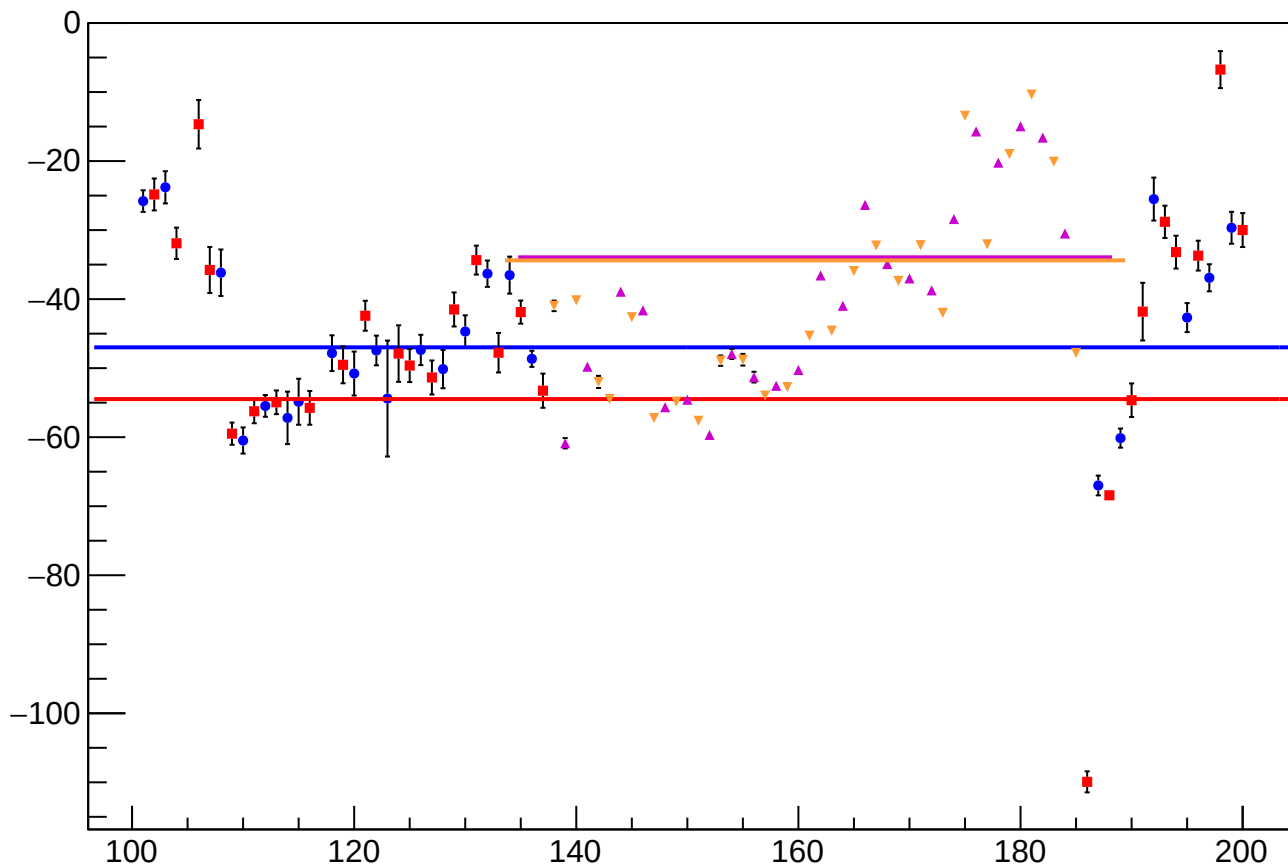
Left In: 3.795 ± 0.083 $\chi^2/\text{NDF}: 5534.4/22$

+ sign 3.480 ± 0.079 $\chi^2/\text{NDF}: 7773.8/47$

All: 3.437 ± 0.056 $\chi^2/\text{NDF}: 14281.6/97$

- sign 3.392 ± 0.080 $\chi^2/\text{NDF}: 6507.2/49$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -46.984 ± 0.428 χ^2/NDF : 856.9/22

Left Out: -34.389 ± 0.104 χ^2/NDF : 20032.2/24

Right Out: -54.481 ± 0.372 χ^2/NDF : 3111.7/26

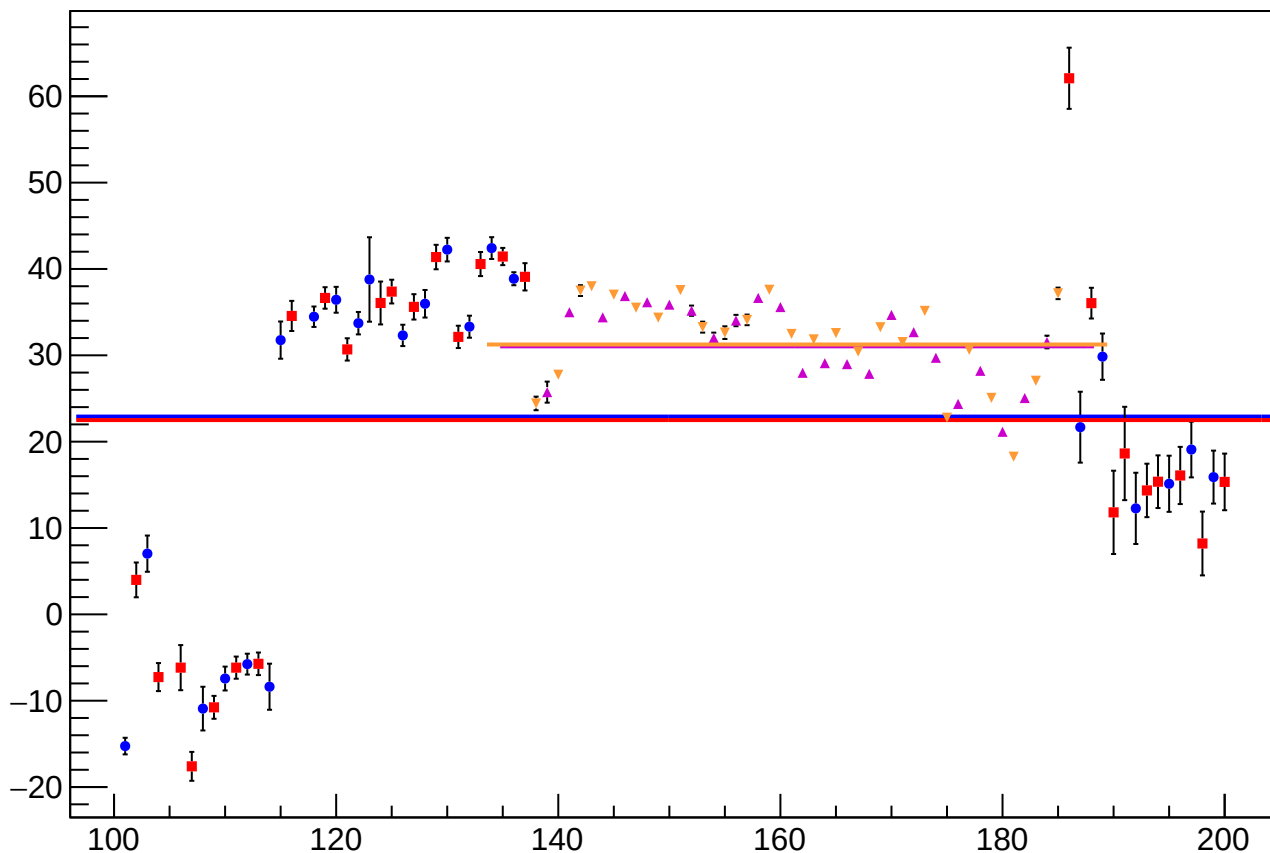
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -35.092 ± 0.101 χ^2/NDF : 21705.3/47

All: -35.275 ± 0.071 χ^2/NDF : 45504.3/97

- sign -35.458 ± 0.101 χ^2/NDF : 23792.5/49

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.905 $\pm$ 0.317 χ^2 /NDF: 4372.0/22

Left Out: 31.252 $\pm$ 0.093 χ^2 /NDF:3305.3/24

Right Out: 22.501 $\pm$ 0.323 χ^2 /NDF: 4251.7/26

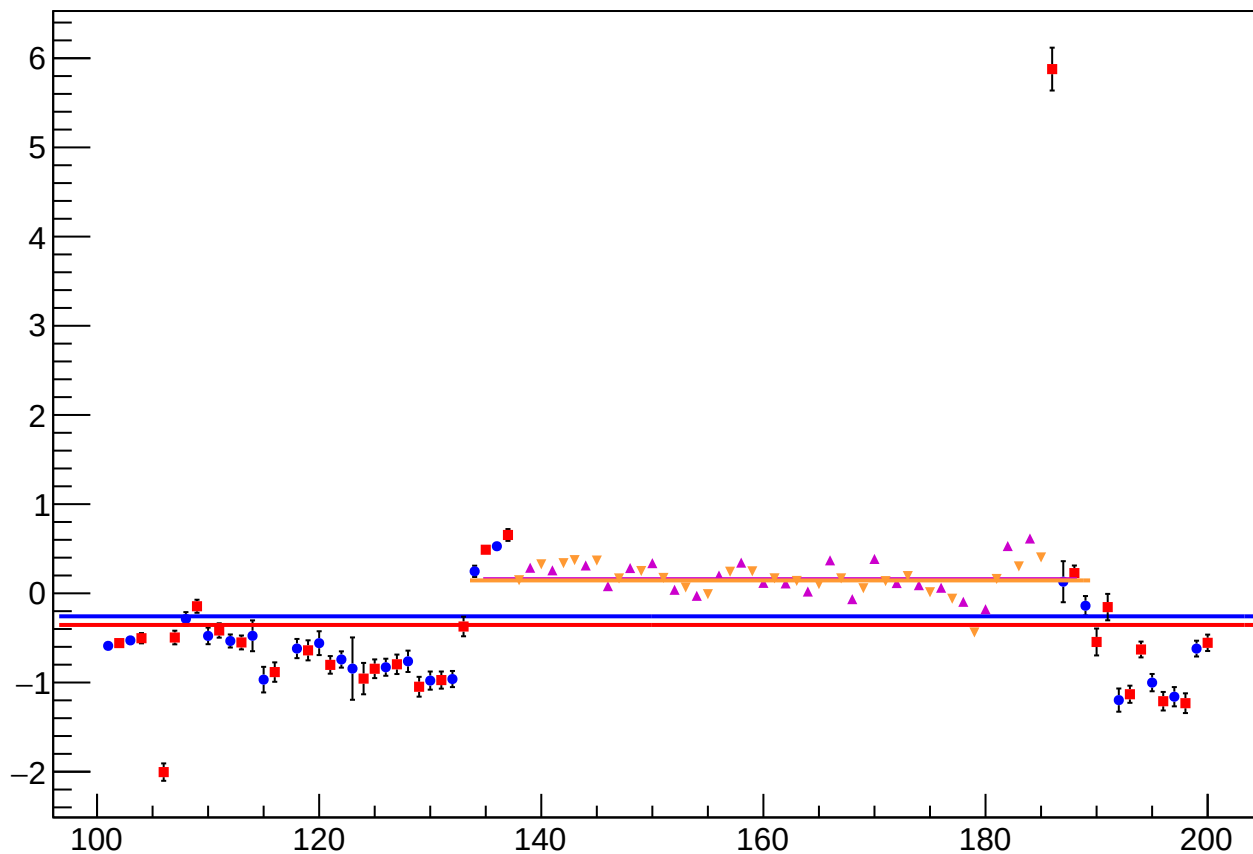
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.596 $\pm$ 0.089 χ^2 /NDF: 8316.9/47

All: 30.487 $\pm$ 0.063 χ^2 /NDF: 15704.6/97

- sign 30.376 $\pm$ 0.090 χ^2 /NDF: 7384.6/49

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.258 ± 0.017 $\chi^2/\text{NDF}: 1217.4/22$

Left Out: 0.145 ± 0.004 $\chi^2/\text{NDF}: 1572.6/24$

Right Out: -0.355 ± 0.016 $\chi^2/\text{NDF}: 2114.6/26$

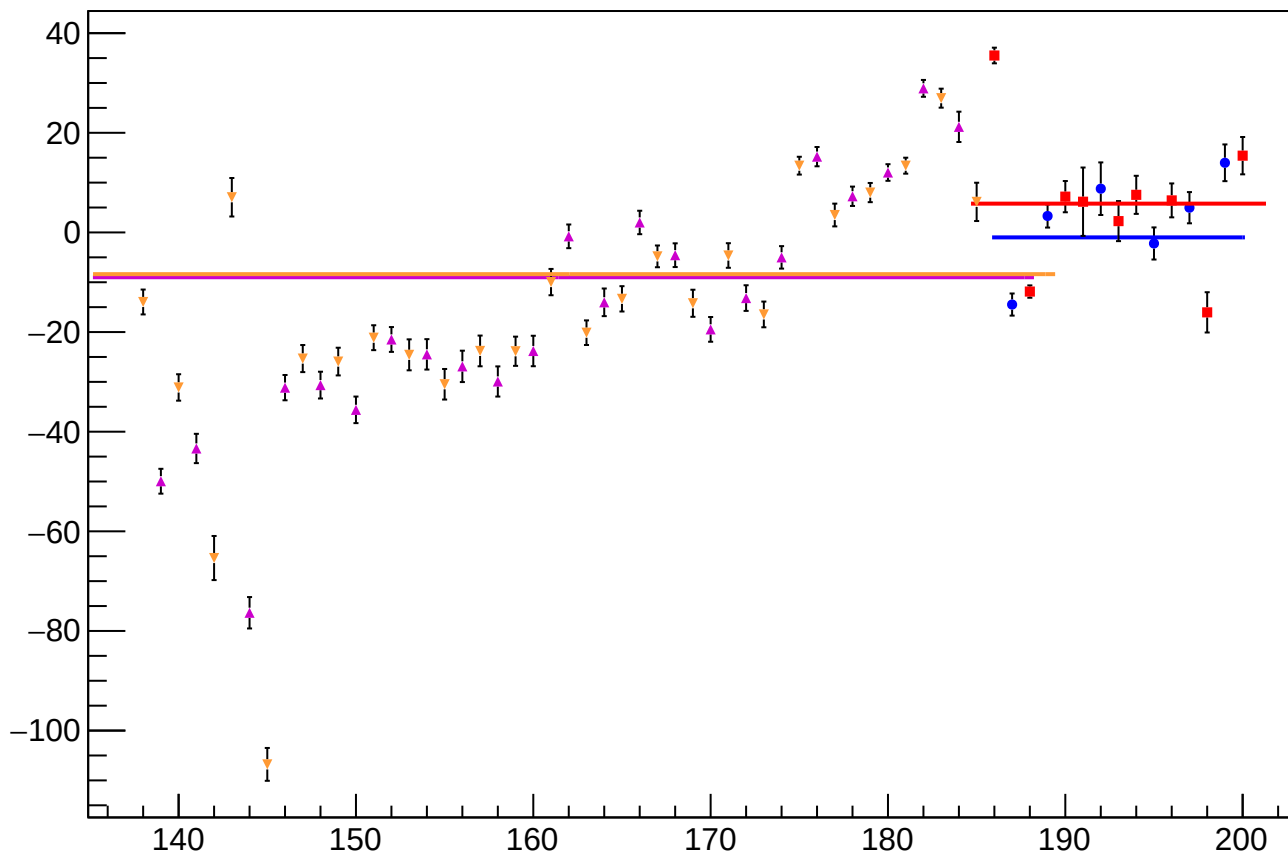
Left In: 0.159 ± 0.004 $\chi^2/\text{NDF}: 2020.5/22$

+ sign 0.120 ± 0.004 $\chi^2/\text{NDF}: 3347.3/47$

All: 0.123 ± 0.003 $\chi^2/\text{NDF}: 8416.9/97$

- sign 0.126 ± 0.004 $\chi^2/\text{NDF}: 5068.7/49$

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -0.995 ± 1.199 χ^2/NDF : 64.0/5

Left Out: -8.375 ± 0.500 χ^2/NDF : 2224.0/24

Right Out: 5.780 ± 0.809 χ^2/NDF : 598.2/8

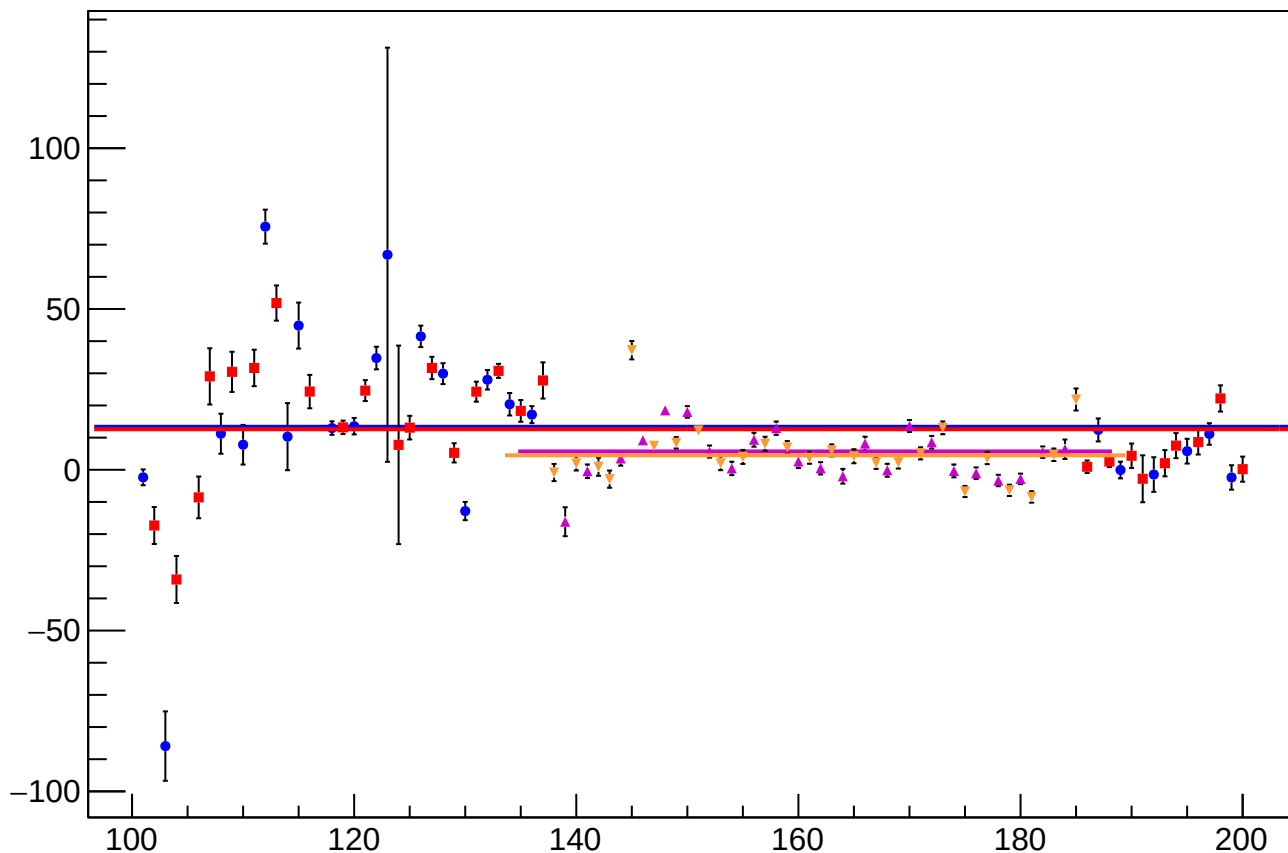
Left In: -8.995 ± 0.505 χ^2/NDF : 2308.2/22

+ sign -7.281 ± 0.462 χ^2/NDF : 2320.2/30

All: -5.975 ± 0.314 χ^2/NDF : 5481.6/62

- sign -4.850 ± 0.428 χ^2/NDF : 3146.4/31

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 13.366 ± 0.730 $\chi^2/\text{NDF}: 589.4/22$

Left Out: 4.494 ± 0.393 $\chi^2/\text{NDF}: 372.1/24$

Right Out: 12.597 ± 0.668 $\chi^2/\text{NDF}: 404.7/26$

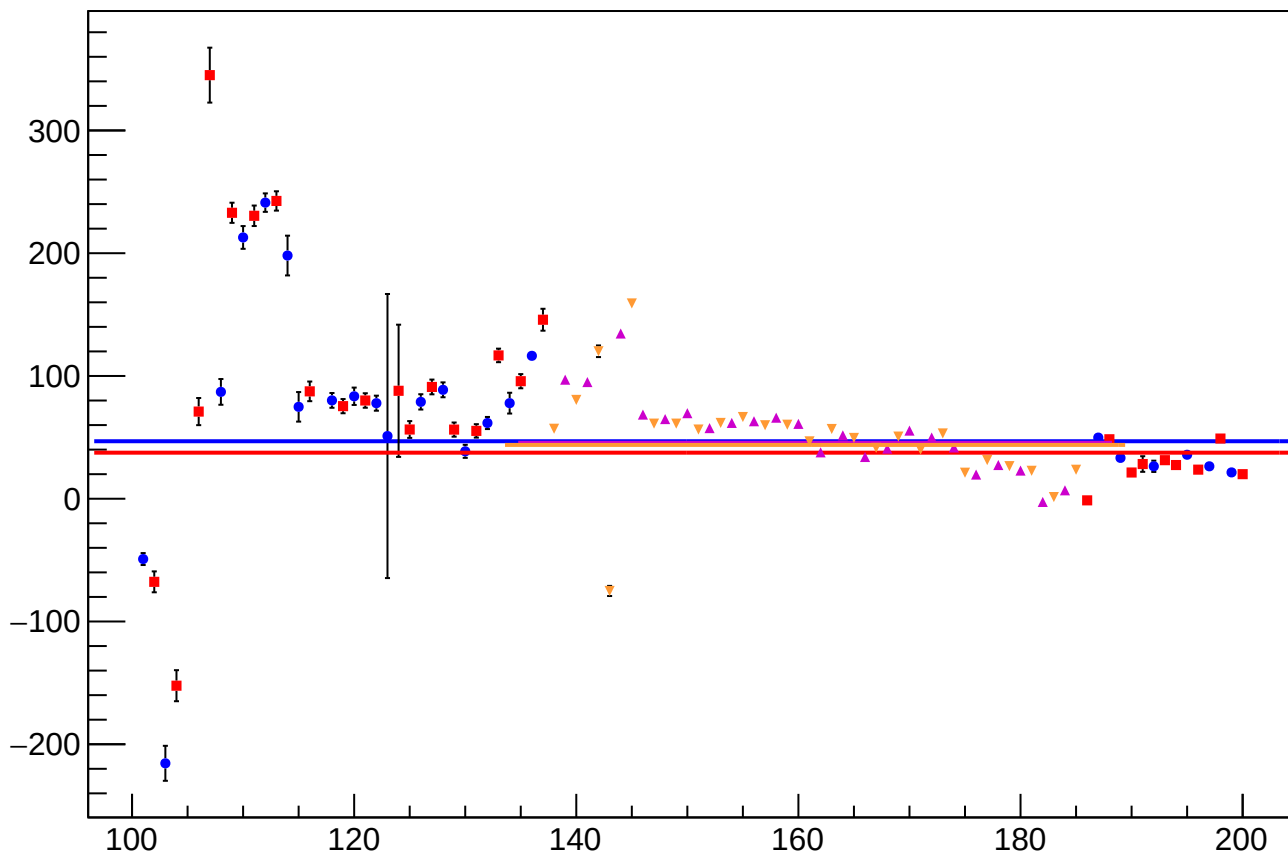
Left In: 5.699 ± 0.403 $\chi^2/\text{NDF}: 329.1/22$

+ sign 6.488 ± 0.346 $\chi^2/\text{NDF}: 1076.2/47$

All: 7.015 ± 0.244 $\chi^2/\text{NDF}: 1892.8/97$

- sign 7.541 ± 0.345 $\chi^2/\text{NDF}: 812.0/49$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 46.836 ± 0.859 $\chi^2/\text{NDF}: 2506.2/22$

Left Out: 43.840 ± 0.499 $\chi^2/\text{NDF}: 3680.9/24$

Right Out: 37.518 ± 0.624 $\chi^2/\text{NDF}: 4231.3/26$

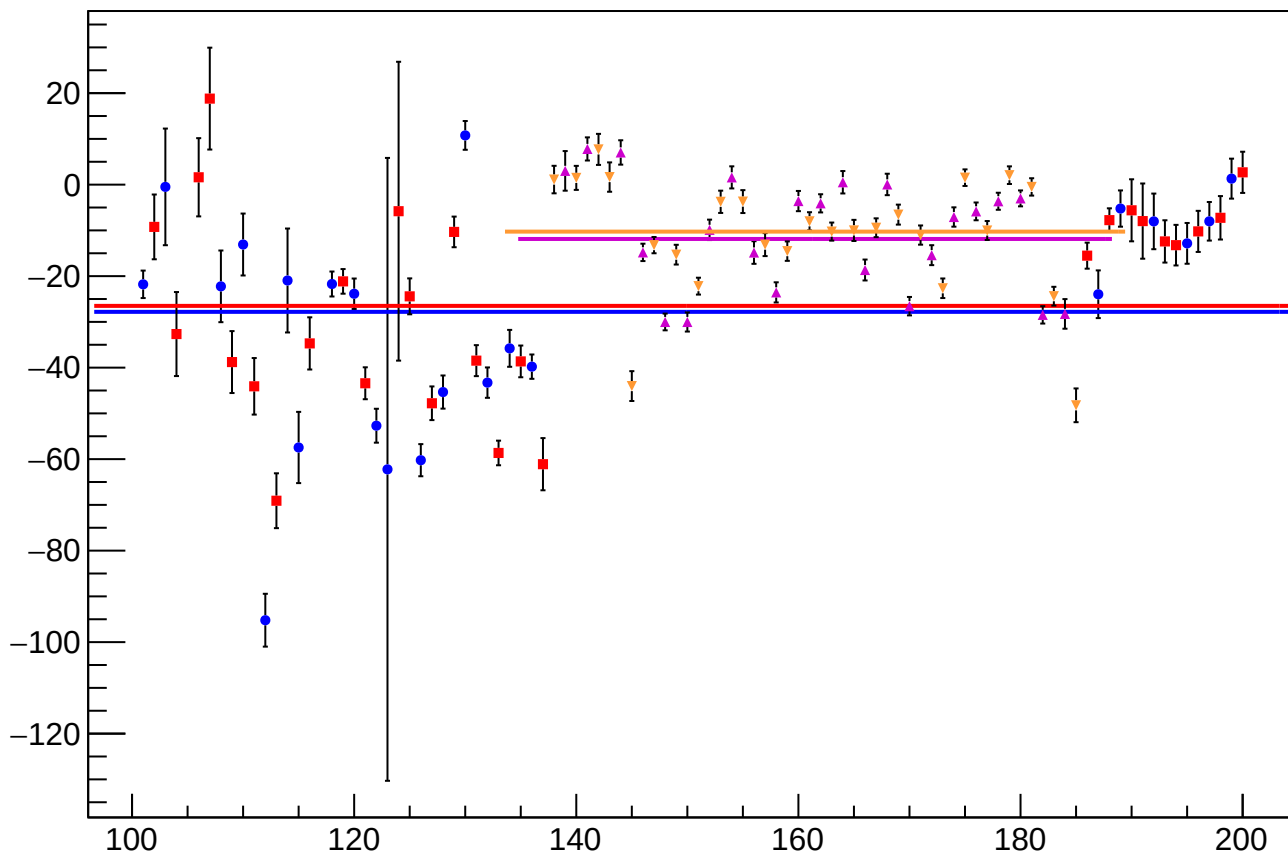
Left In: 45.559 ± 0.502 $\chi^2/\text{NDF}: 3152.4/22$

+ sign 44.596 ± 0.431 $\chi^2/\text{NDF}: 6196.2/47$

All: 43.388 ± 0.290 $\chi^2/\text{NDF}: 13695.1/97$

- sign 42.394 ± 0.391 $\chi^2/\text{NDF}: 7484.5/49$

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -27.805 ± 0.862 χ^2/NDF : 643.0/22

Left Out: -10.267 ± 0.445 χ^2/NDF : 553.7/24

Right Out: -26.500 ± 0.817 χ^2/NDF : 559.0/26

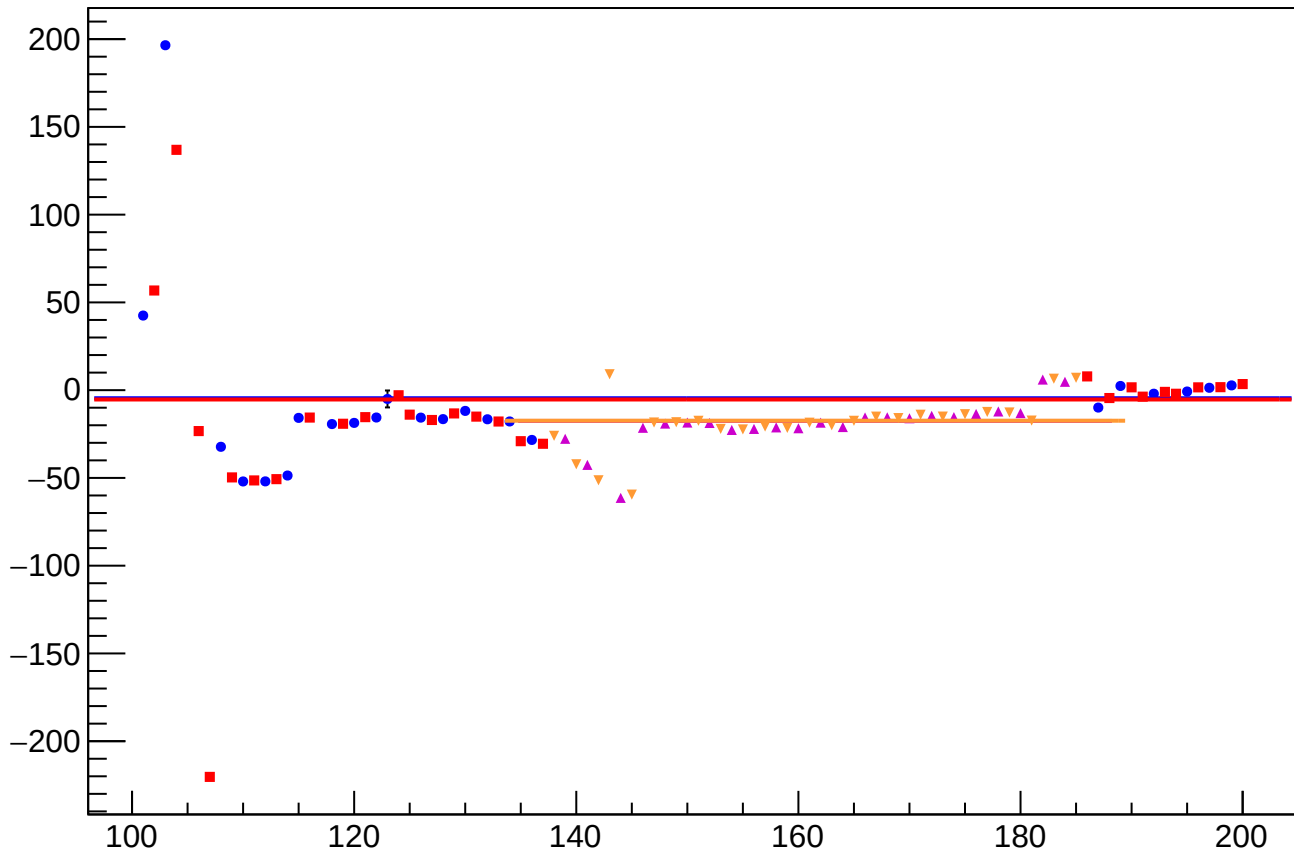
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -13.956 ± 0.395 χ^2/NDF : 1523.5/47

All: -14.643 ± 0.280 χ^2/NDF : 3001.7/97

- sign -15.336 ± 0.397 χ^2/NDF : 1472.2/49

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -4.600 ± 0.044 χ^2/NDF : 589008.7/22

Left Out: -17.411 ± 0.020 χ^2/NDF : 320231.3/24

Right Out: -5.318 ± 0.039 χ^2/NDF : 584587.1/26

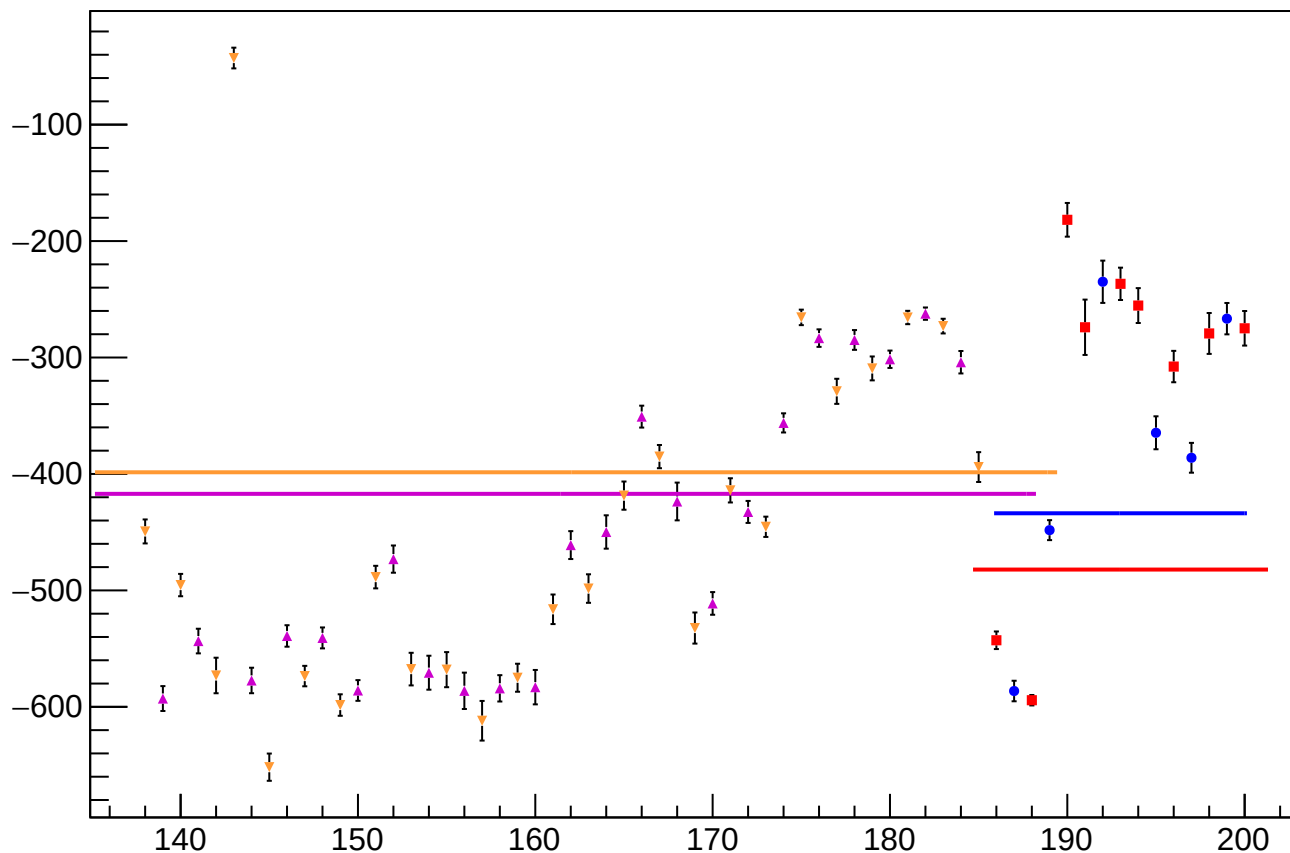
Left In: -17.552 ± 0.021 χ^2/NDF : 261900.3/22

+ sign -15.099 ± 0.018 χ^2/NDF : 980218.7/47

All: -14.996 ± 0.013 χ^2/NDF : 1903424.0/97

- sign -14.896 ± 0.018 χ^2/NDF : 923144.1/49

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -433.767+/-4.658 χ^2/NDF : 614.1/5

Left Out: -398.556+/-1.962 χ^2/NDF : 5659.5/24

Right Out: -482.099+/-3.216 χ^2/NDF : 2234.7/8

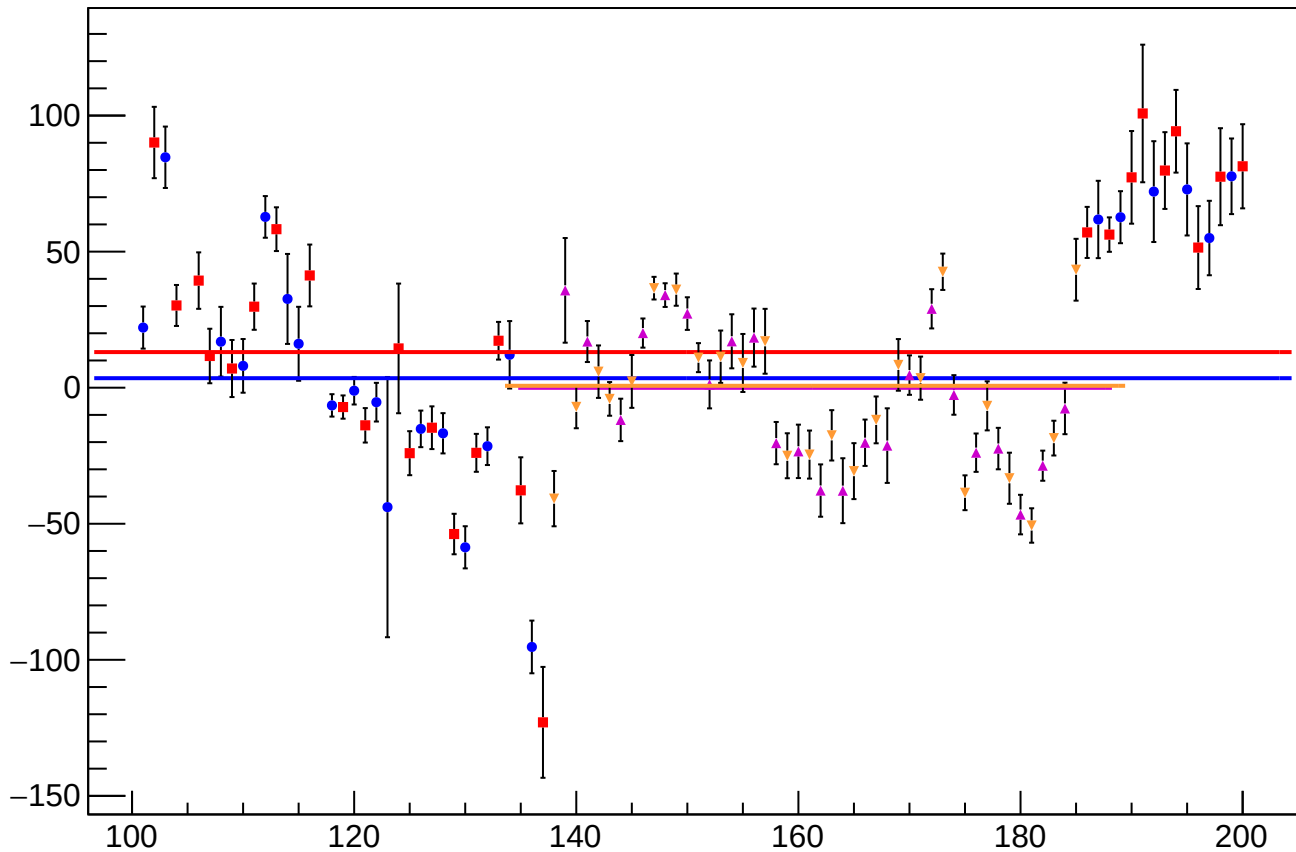
Left In: -417.080+/-1.997 χ^2/NDF : 3958.5/22

+ sign -403.860+/-1.808 χ^2/NDF : 6322.2/30

All: -420.512+/-1.237 χ^2/NDF : 12970.1/62

- sign -435.175+/-1.696 χ^2/NDF : 6488.3/31

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 3.493 ± 1.787 $\chi^2/\text{NDF}: 457.5/22$

Left Out: 0.697 ± 1.510 $\chi^2/\text{NDF}: 349.9/24$

Right Out: 13.085 ± 1.733 $\chi^2/\text{NDF}: 518.2/26$

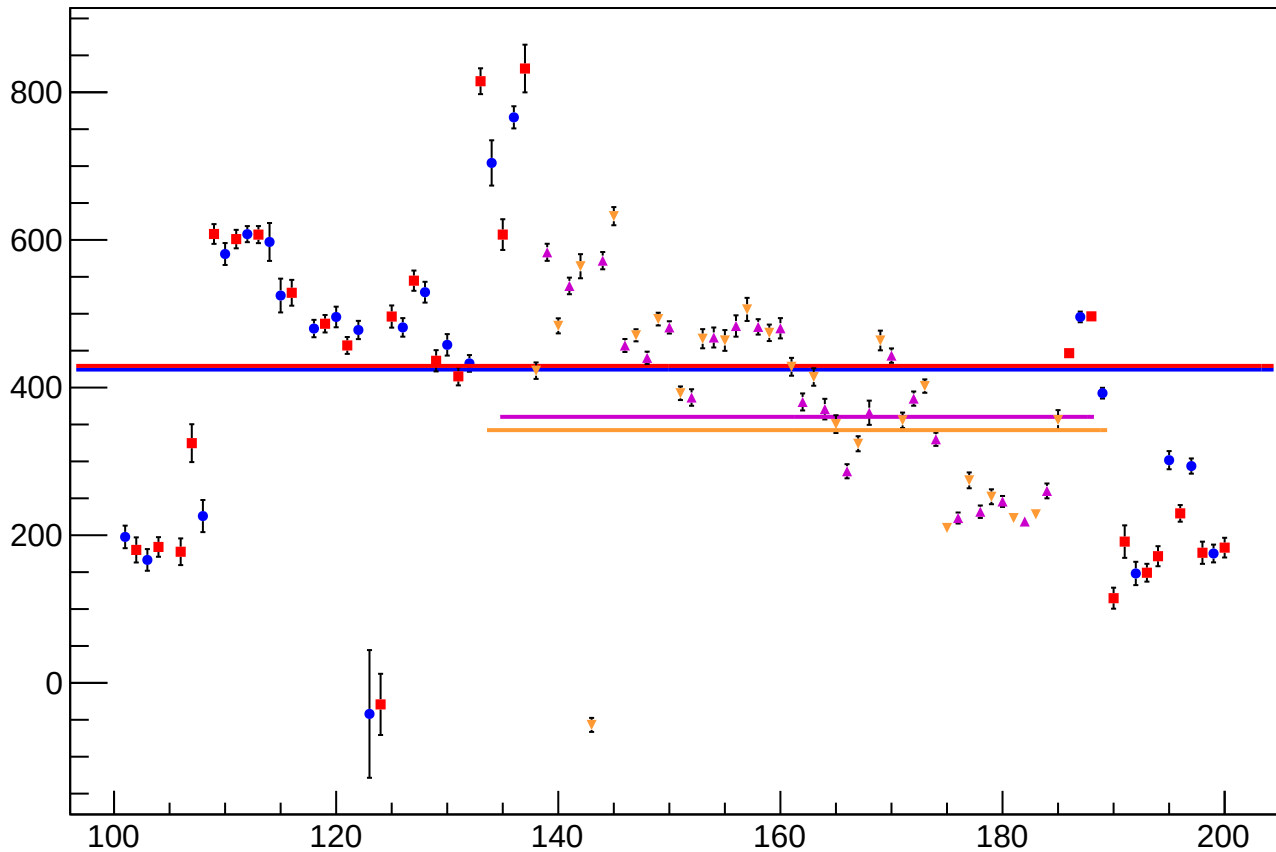
Left In: -0.052 ± 1.571 $\chi^2/\text{NDF}: 264.1/22$

+ sign 1.862 ± 1.153 $\chi^2/\text{NDF}: 808.8/47$

All: 3.849 ± 0.819 $\chi^2/\text{NDF}: 1628.6/97$

- sign 5.873 ± 1.164 $\chi^2/\text{NDF}: 813.8/49$

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 424.415 $\pm$ 2.666 χ^2/NDF : 2960.5/22

Left Out: 342.368 $\pm$ 1.970 χ^2/NDF :5181.7/24

Right Out: 429.378 $\pm$ 2.128 χ^2/NDF : 5155.0/26

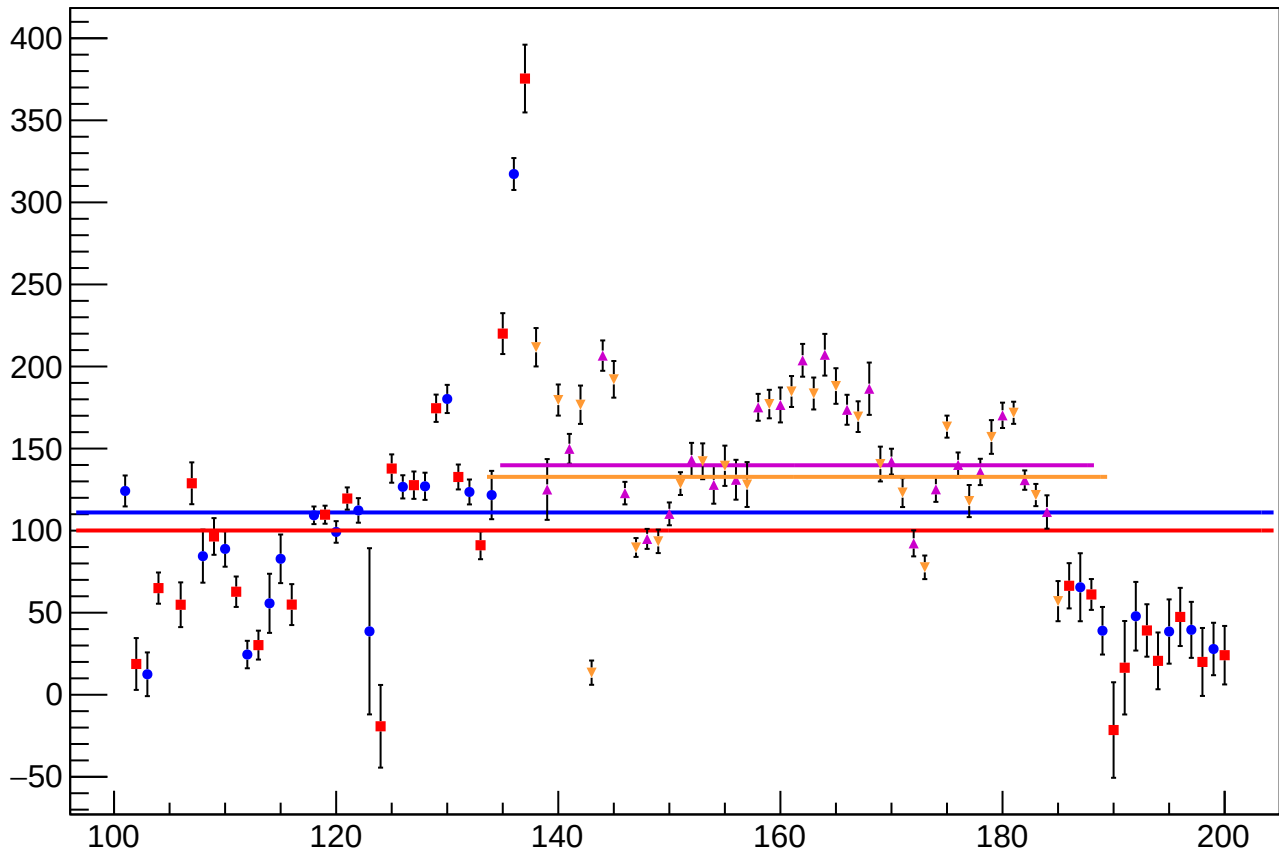
Left In: 360.355 $\pm$ 1.996 χ^2/NDF :3449.9/22

+ sign 371.339 $\pm$ 1.584 χ^2/NDF : 8754.9/47

All: 382.896 $\pm$ 1.072 χ^2/NDF : 18017.7/97

- sign 392.652 $\pm$ 1.456 χ^2/NDF : 9164.7/49

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 111.072 ± 2.097 $\chi^2/\text{NDF}: 812.8/22$

Left Out: 132.762 ± 1.736 $\chi^2/\text{NDF}: 749.6/24$

Right Out: 100.085 ± 2.045 $\chi^2/\text{NDF}: 709.6/26$

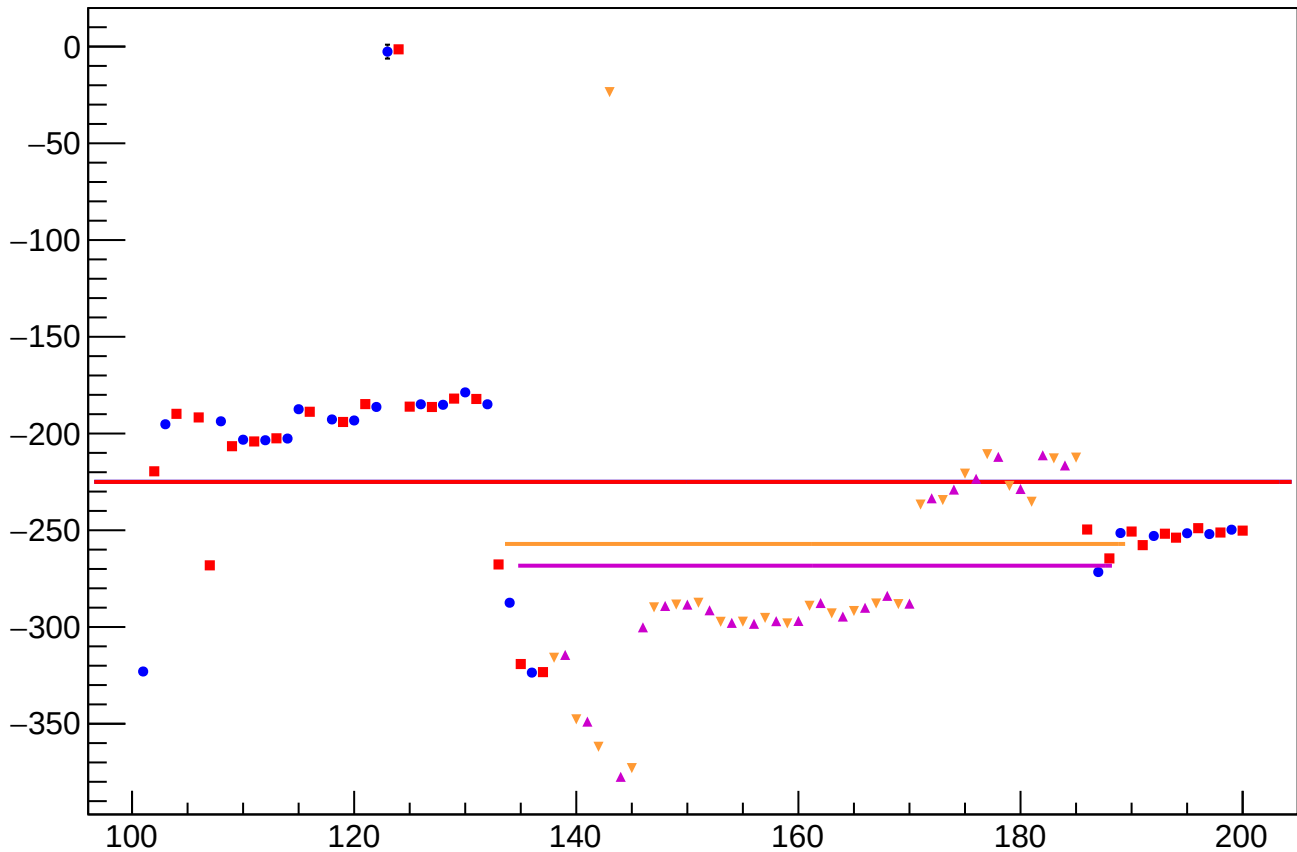
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 123.947 ± 1.337 $\chi^2/\text{NDF}: 1625.9/47$

All: 123.272 ± 0.949 $\chi^2/\text{NDF}: 2871.6/97$

- sign 122.588 ± 1.347 $\chi^2/\text{NDF}: 1245.2/49$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -224.926+/-0.119 χ^2/NDF : 162918.1/22

Left Out: -257.067+/-0.082 χ^2/NDF : 665762.3/24

Right Out: -225.007+/-0.109 χ^2/NDF : 144396.0/26

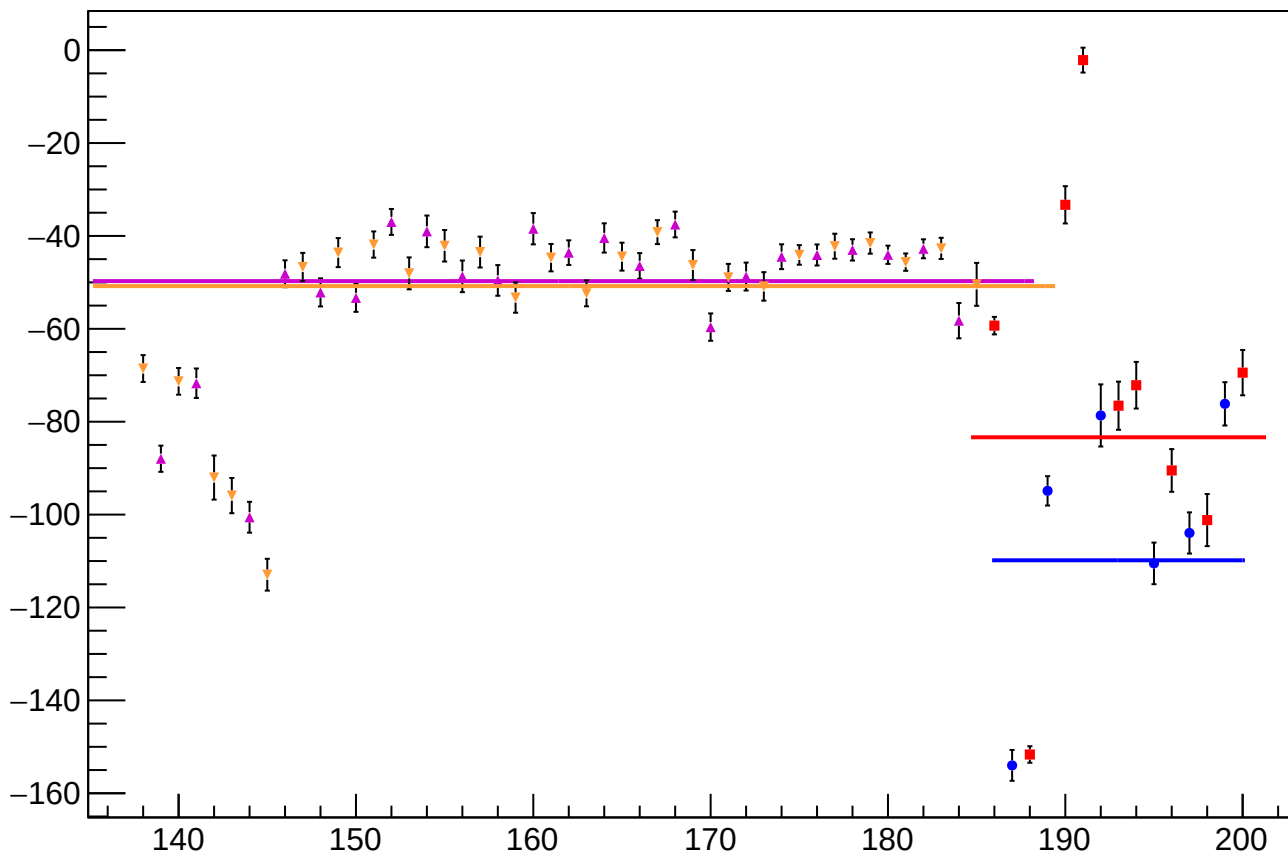
Left In: -268.305+/-0.083 χ^2/NDF : 264853.3/22

+ sign -246.677+/-0.068 χ^2/NDF : 878008.1/47

All: -249.544+/-0.047 χ^2/NDF : 1390860.0/97

- sign -252.276+/-0.066 χ^2/NDF : 509349.6/49

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -109.841 ± 1.667 χ^2/NDF : 275.2/5

Left Out: -50.802 ± 0.574 χ^2/NDF : 752.7/24

Right Out: -83.352 ± 1.002 χ^2/NDF : 2735.7/8

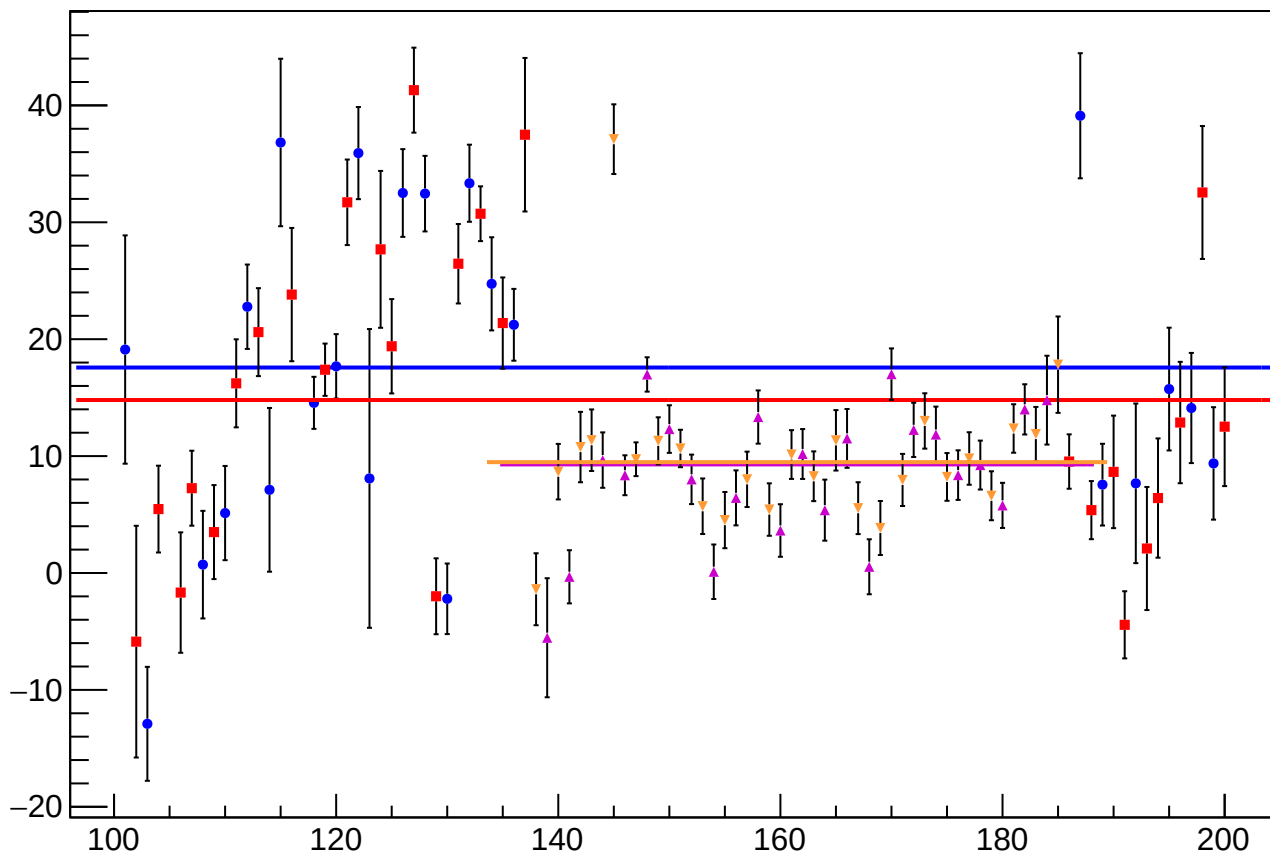
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign -57.060 ± 0.543 χ^2/NDF : 2149.9/30

All: -57.672 ± 0.369 χ^2/NDF : 6331.3/62

- sign -58.198 ± 0.503 χ^2/NDF : 4179.0/31

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 17.577 ± 0.821 $\chi^2/\text{NDF}: 235.3/22$

Left Out: 9.483 ± 0.447 $\chi^2/\text{NDF}: 133.0/24$

Right Out: 14.796 ± 0.702 $\chi^2/\text{NDF}: 304.3/26$

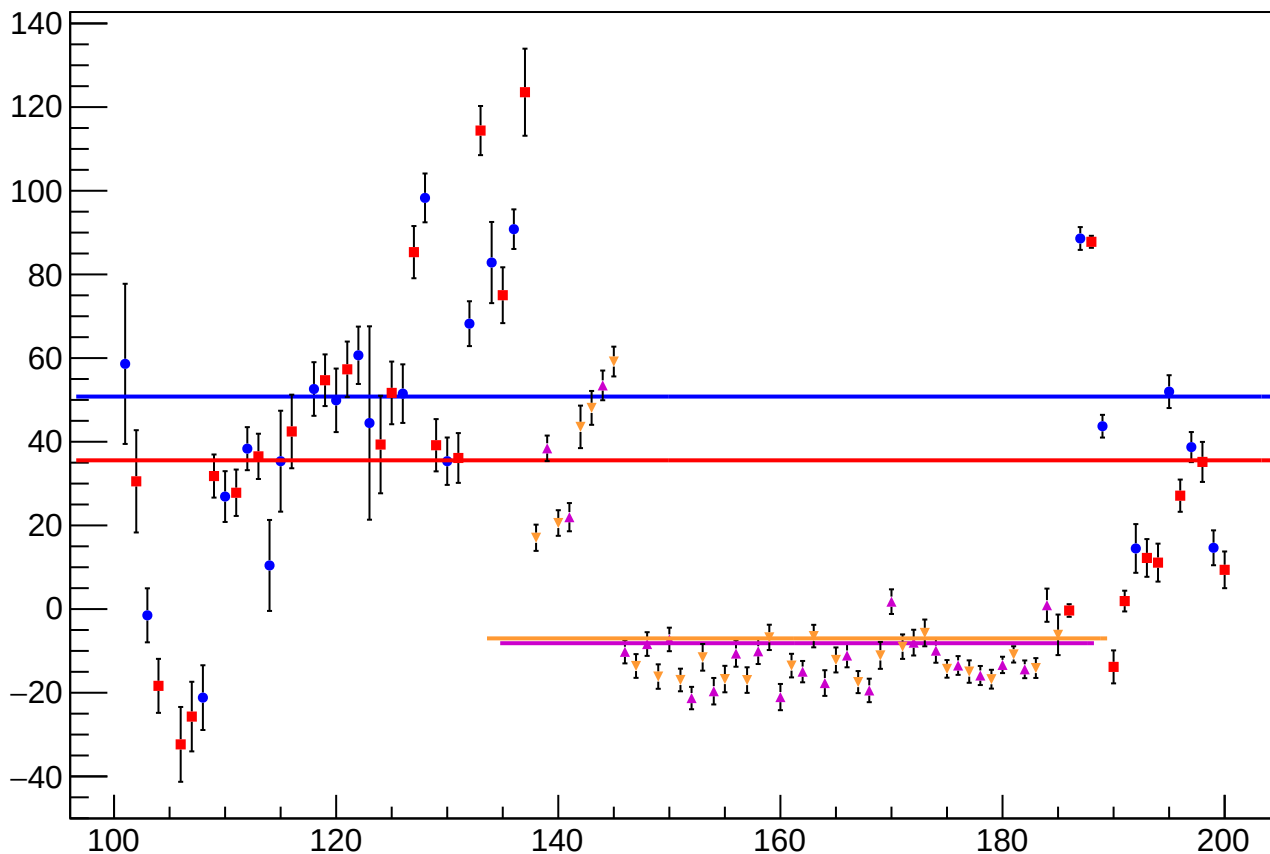
Left In: 9.289 ± 0.461 $\chi^2/\text{NDF}: 125.6/22$

+ sign 11.332 ± 0.393 $\chi^2/\text{NDF}: 443.2/47$

All: 11.136 ± 0.275 $\chi^2/\text{NDF}: 916.8/97$

- sign 10.947 ± 0.385 $\chi^2/\text{NDF}: 473.0/49$

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.802 ± 1.079 $\chi^2/\text{NDF}: 682.3/22$

Left Out: -7.007 ± 0.572 $\chi^2/\text{NDF}: 899.2/24$

Right Out: 35.559 ± 0.745 $\chi^2/\text{NDF}: 2885.9/26$

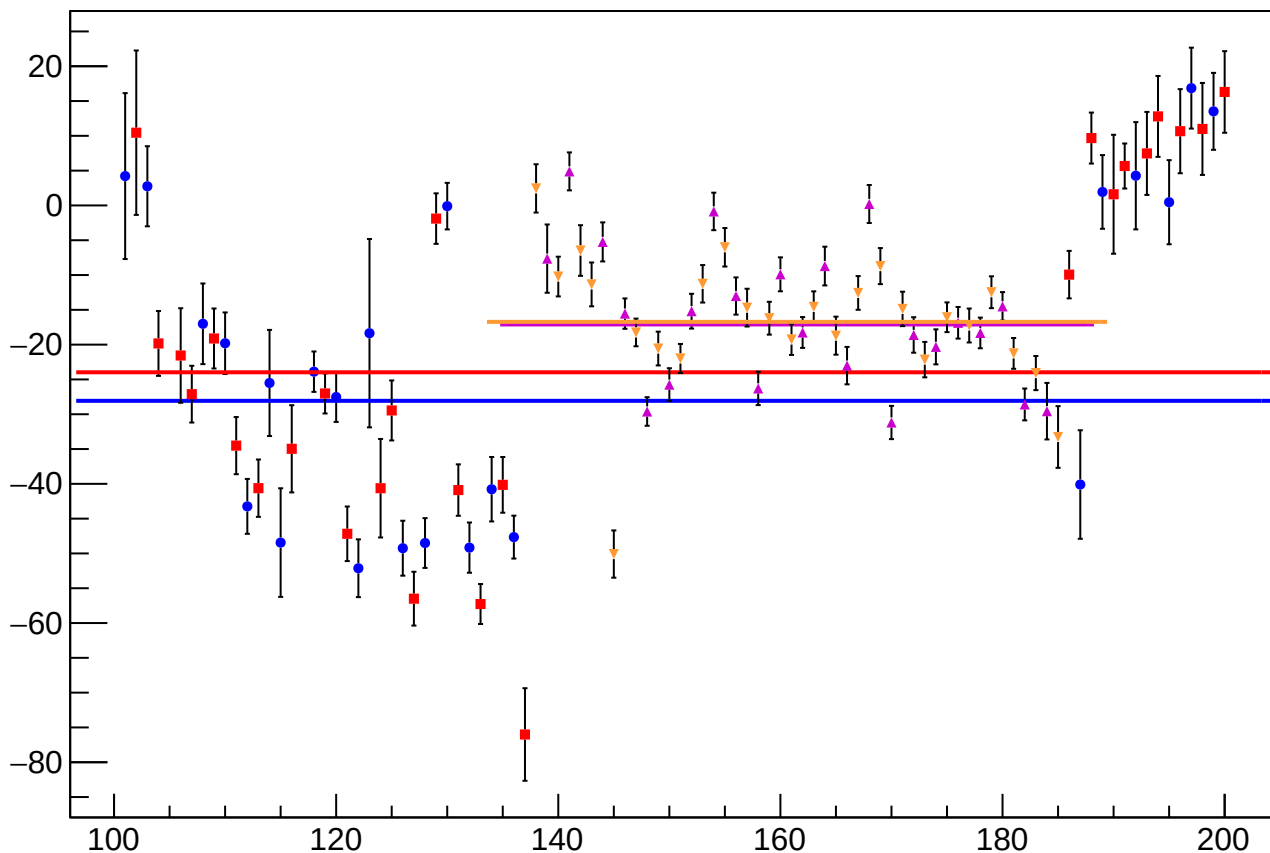
Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

+ sign 5.671 ± 0.505 $\chi^2/\text{NDF}: 3822.3/47$

All: 7.090 ± 0.339 $\chi^2/\text{NDF}: 9625.7/97$

- sign 8.248 ± 0.457 $\chi^2/\text{NDF}: 5789.1/49$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -28.074 $\pm$ 0.955 χ^2/NDF : 505.4/22

Left Out: -16.727 $\pm$ 0.508 χ^2/NDF : 223.3/24

Right Out: -23.974 $\pm$ 0.839 χ^2/NDF : 791.5/26

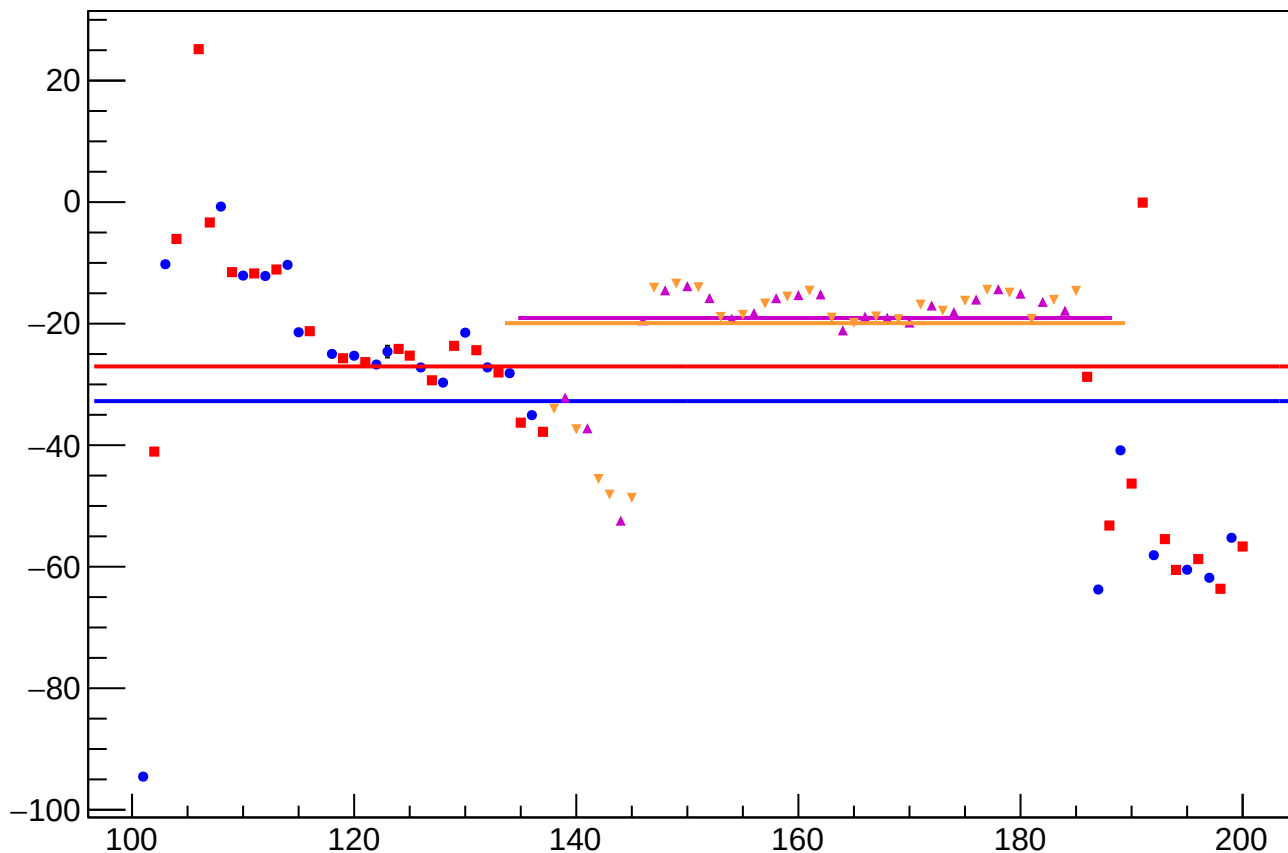
Left In: -17.100 $\pm$ 0.520 χ^2/NDF : 328.1/22

+ sign -19.227 $\pm$ 0.448 χ^2/NDF : 838.7/47

All: -19.118 $\pm$ 0.315 χ^2/NDF : 2006.9/97

- sign -19.012 $\pm$ 0.442 χ^2/NDF : 1168.1/49

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -32.748 ± 0.048 $\chi^2/\text{NDF}: 169254.6/22$

Left Out: -19.915 ± 0.023 $\chi^2/\text{NDF}: 141090.6/24$

Right Out: -27.039 ± 0.039 $\chi^2/\text{NDF}: 377954.9/26$

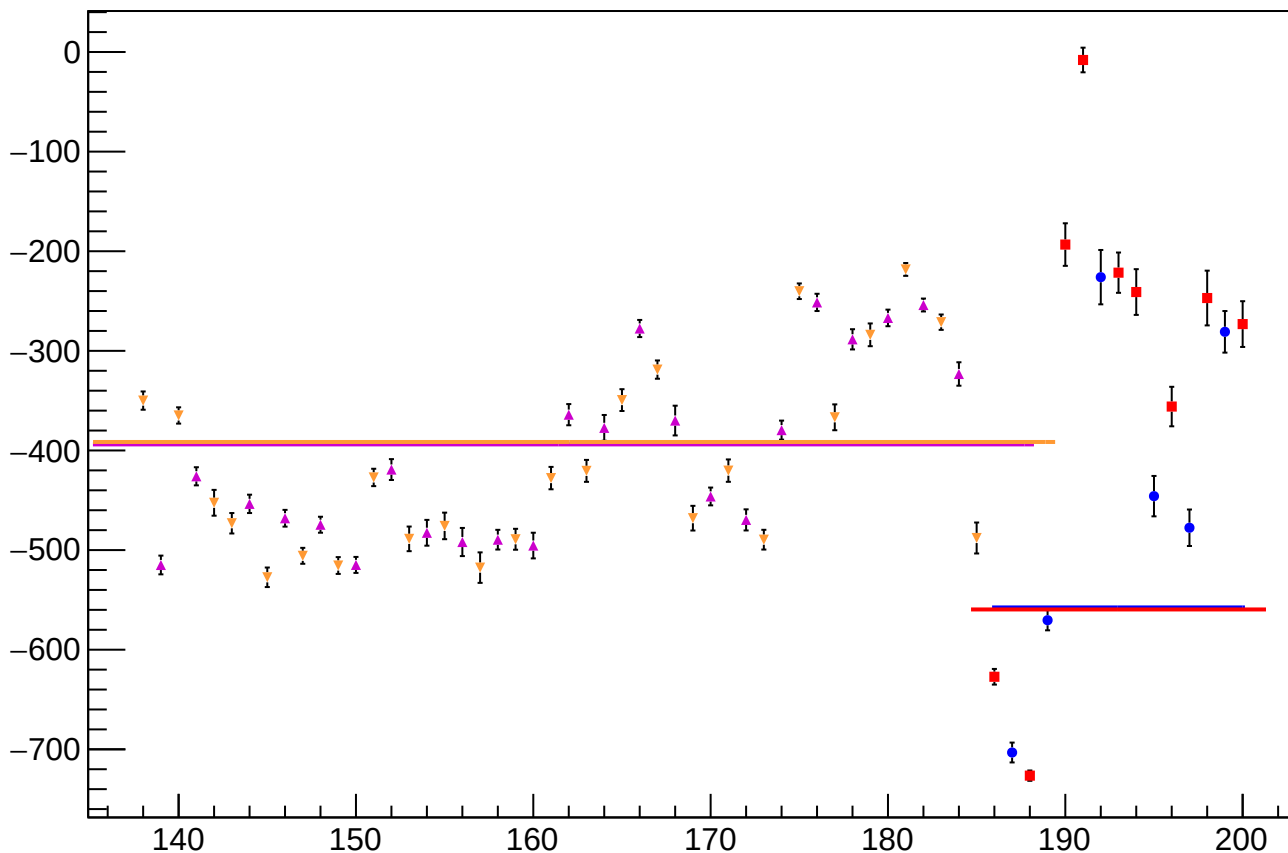
Left In: -19.068 ± 0.024 $\chi^2/\text{NDF}: 92702.3/22$

+ sign -22.352 ± 0.021 $\chi^2/\text{NDF}: 367778.9/47$

All: -21.744 ± 0.015 $\chi^2/\text{NDF}: 870353.7/97$

- sign -21.181 ± 0.020 $\chi^2/\text{NDF}: 500959.5/49$

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -557.577 ± 5.893 χ^2/NDF : 588.0/5

Left Out: -391.476 ± 1.973 χ^2/NDF : 2708.6/24

Right Out: -559.600 ± 3.719 χ^2/NDF : 4257.2/8

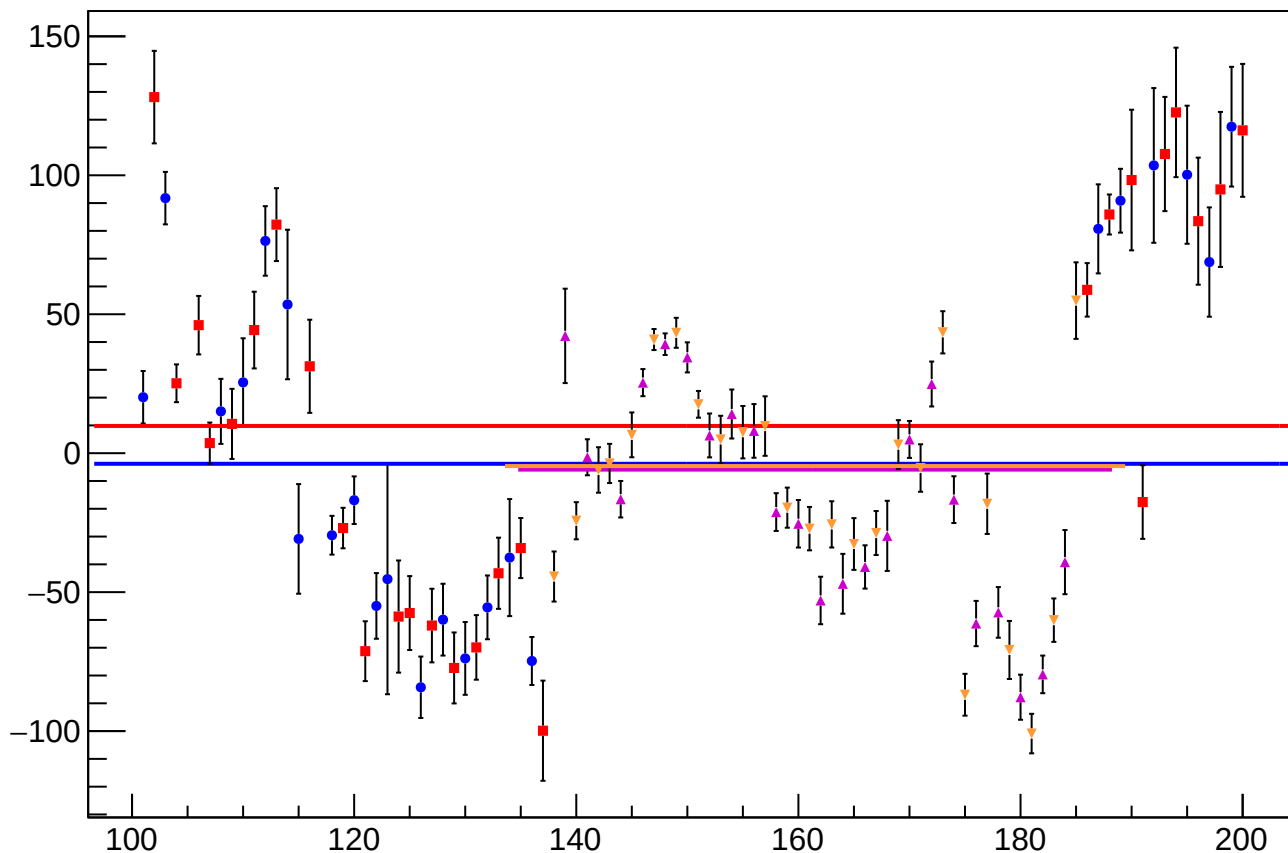
Left In: -393.904 ± 1.998 χ^2/NDF : 2280.8/22

+ sign -408.211 ± 1.871 χ^2/NDF : 4011.0/30

All: -420.305 ± 1.282 χ^2/NDF : 12168.4/62

- sign -431.012 ± 1.760 χ^2/NDF : 8078.5/31

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -3.812 ± 2.596 $\chi^2/\text{NDF}: 562.6/22$

Left Out: -4.635 ± 1.467 $\chi^2/\text{NDF}: 771.4/24$

Right Out: 9.807 ± 2.279 $\chi^2/\text{NDF}: 659.2/26$

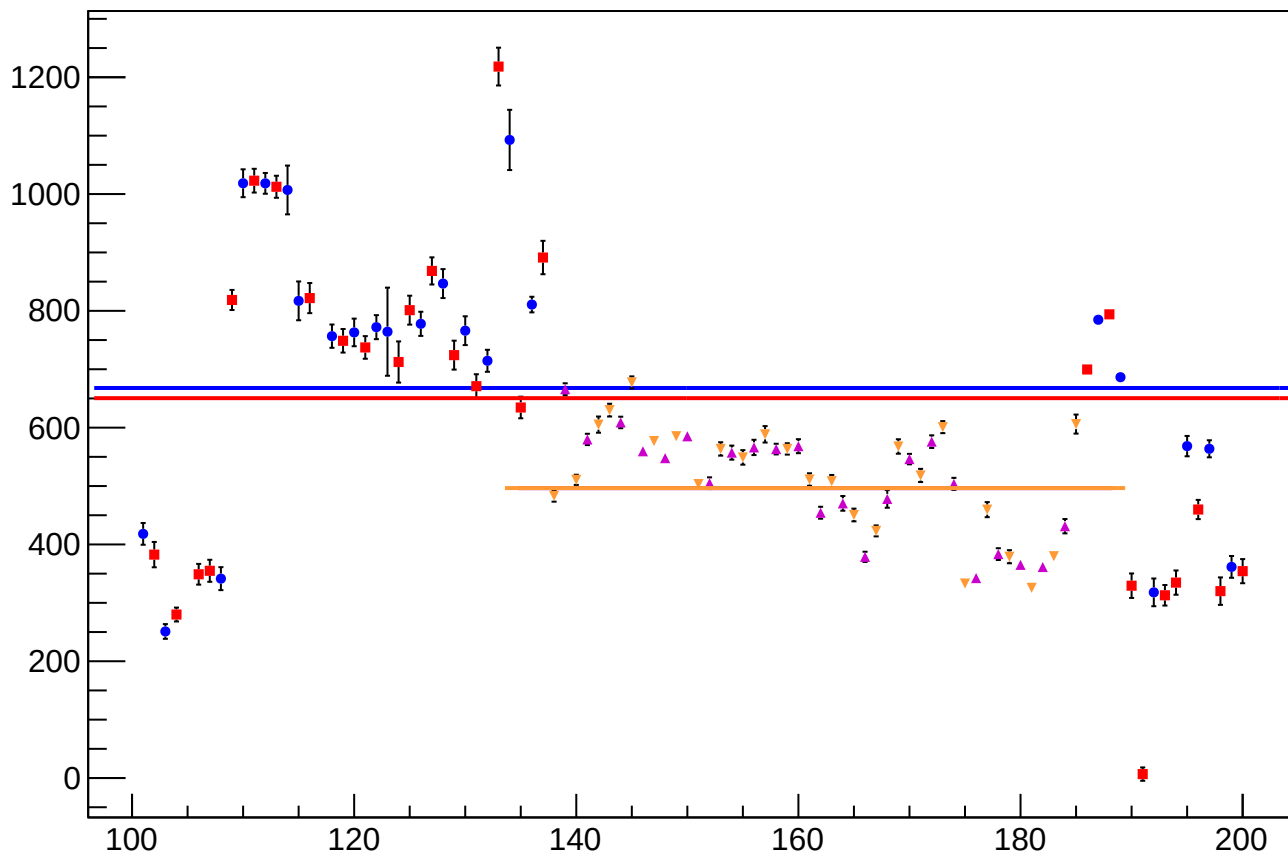
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -4.436 ± 1.277 $\chi^2/\text{NDF}: 1334.0/47$

All: -2.745 ± 0.897 $\chi^2/\text{NDF}: 2687.2/97$

- sign -1.098 ± 1.261 $\chi^2/\text{NDF}: 1349.7/49$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 667.911 $\pm$ 3.516 χ^2 /NDF: 3367.4/22

Left Out: 496.535 $\pm$ 1.971 χ^2 /NDF:2589.1/24

Right Out: 650.488 $\pm$ 2.578 χ^2 /NDF: 8846.4/26

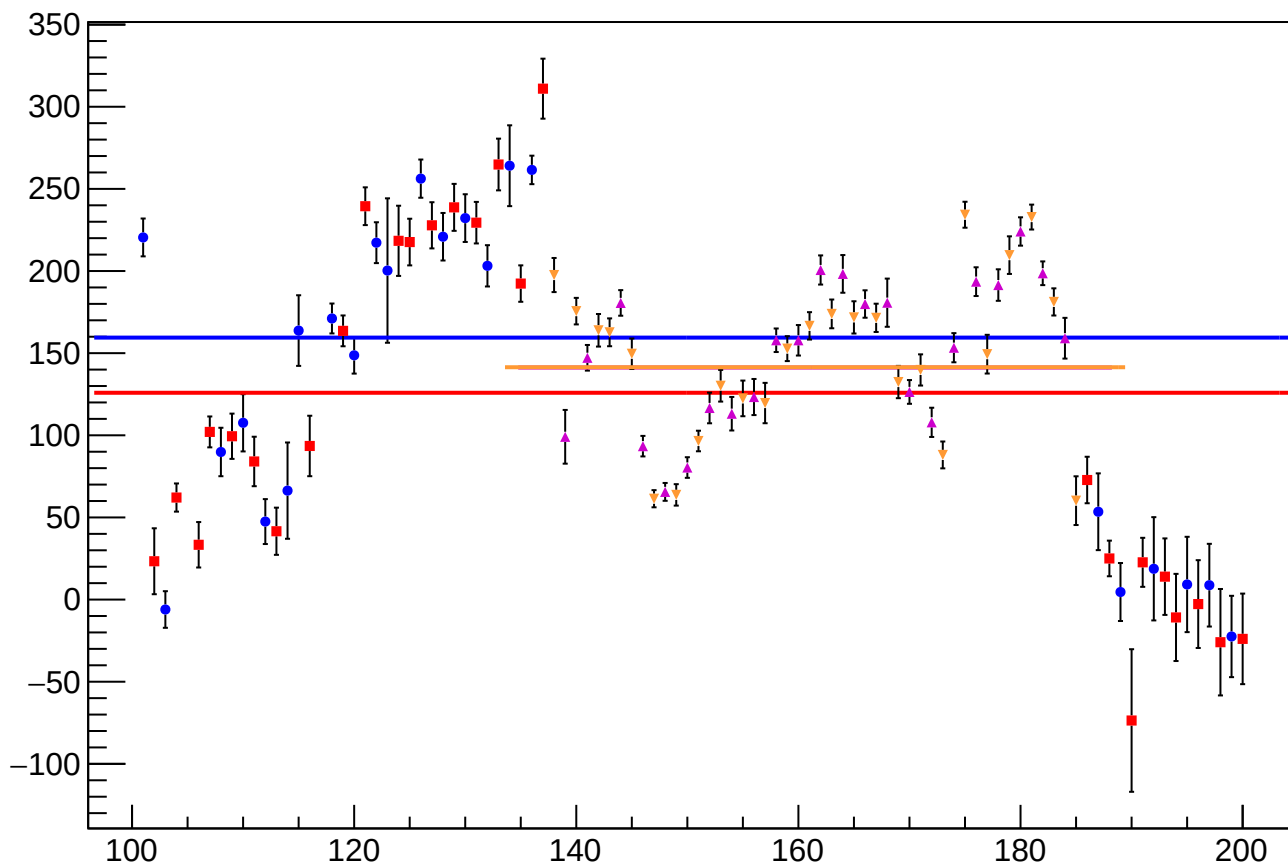
Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

+ sign 537.517 $\pm$ 1.719 χ^2 /NDF: 7764.1/47

All: 546.356 $\pm$ 1.161 χ^2 /NDF: 21197.1/97

- sign 553.754 $\pm$ 1.573 χ^2 /NDF: 13384.5/49

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 159.471 $\pm$ 3.044 χ^2 /NDF: 897.3/22

Left Out: 141.430 $\pm$ 1.704 χ^2 /NDF:957.7/24

Right Out: 125.891 $\pm$ 2.742 χ^2 /NDF: 1048.3/26

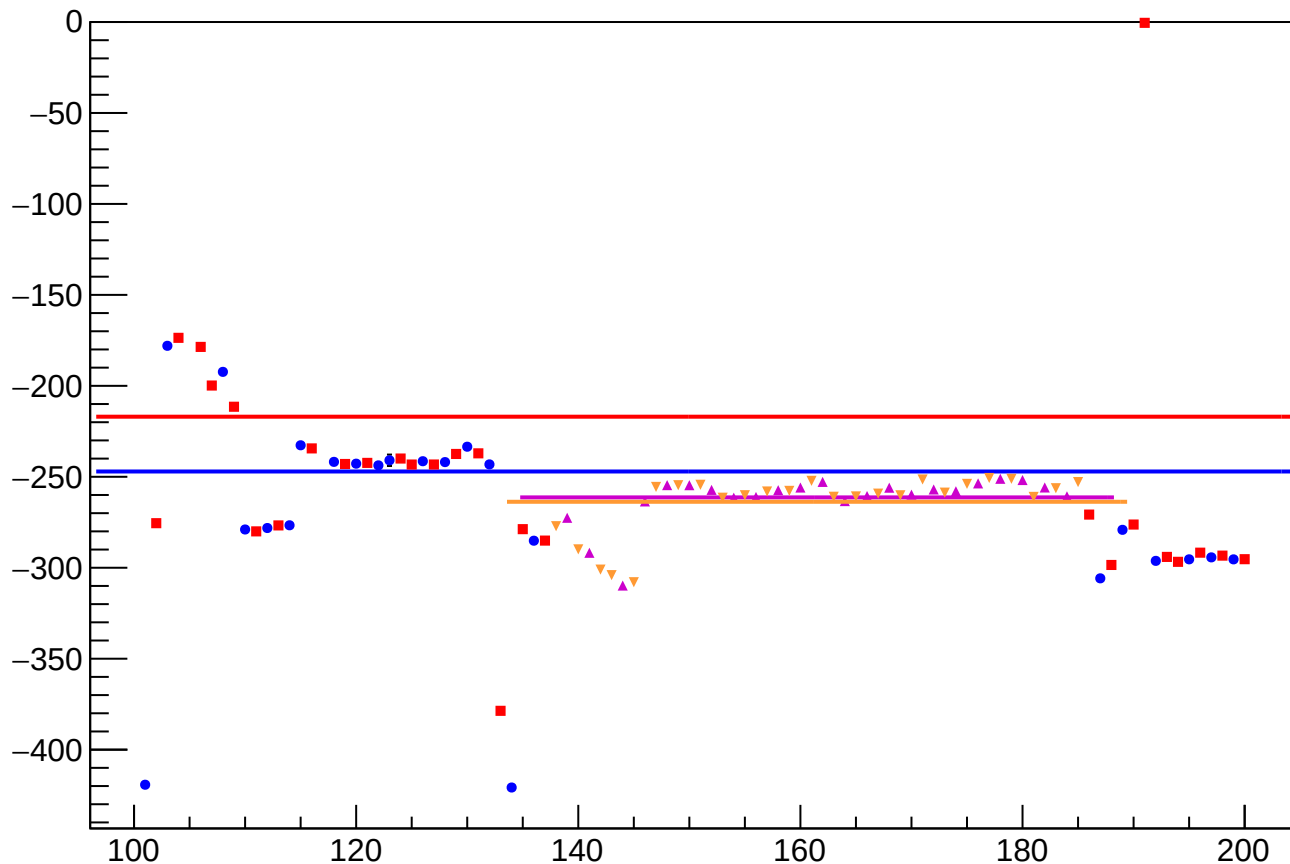
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF:744.2/22

+ sign 145.736 $\pm$ 1.487 χ^2 /NDF: 1881.8/47

All: 141.234 $\pm$ 1.046 χ^2 /NDF: 3714.8/97

- sign 136.825 $\pm$ 1.471 χ^2 /NDF: 1814.8/49

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -247.082 ± 0.146 $\chi^2/\text{NDF}: 186427.0/22$

Left Out: -263.734 ± 0.081 $\chi^2/\text{NDF}: 37922.0/24$

Right Out: -216.960 ± 0.127 $\chi^2/\text{NDF}: 450477.2/26$

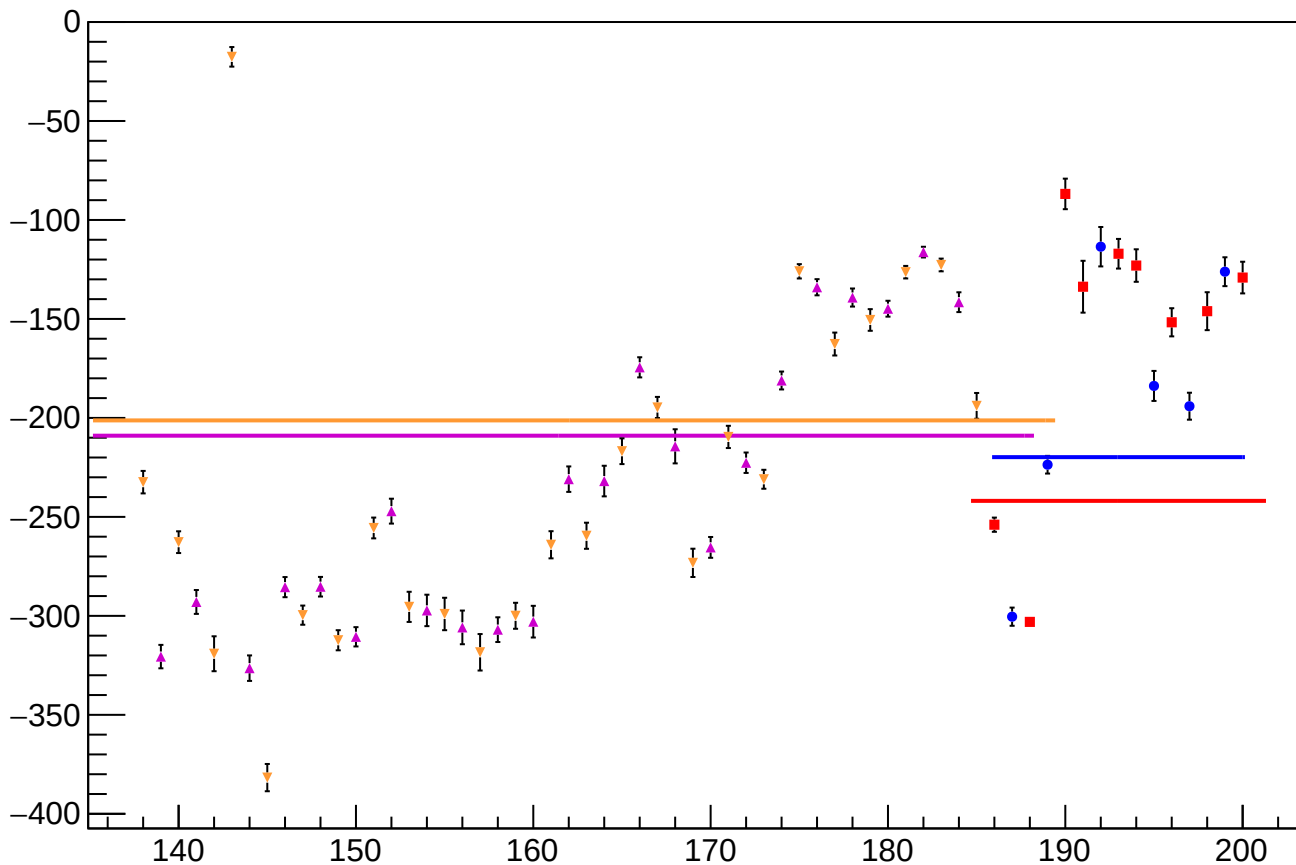
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ sign -259.799 ± 0.071 $\chi^2/\text{NDF}: 234223.5/47$

All: -253.900 ± 0.049 $\chi^2/\text{NDF}: 807427.2/97$

- sign -248.401 ± 0.069 $\chi^2/\text{NDF}: 559938.5/49$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -219.817 ± 2.459 χ^2/NDF : 624.7/5

Left Out: -201.261 ± 1.065 χ^2/NDF : 6110.1/24

Right Out: -241.908 ± 1.673 χ^2/NDF : 2095.8/8

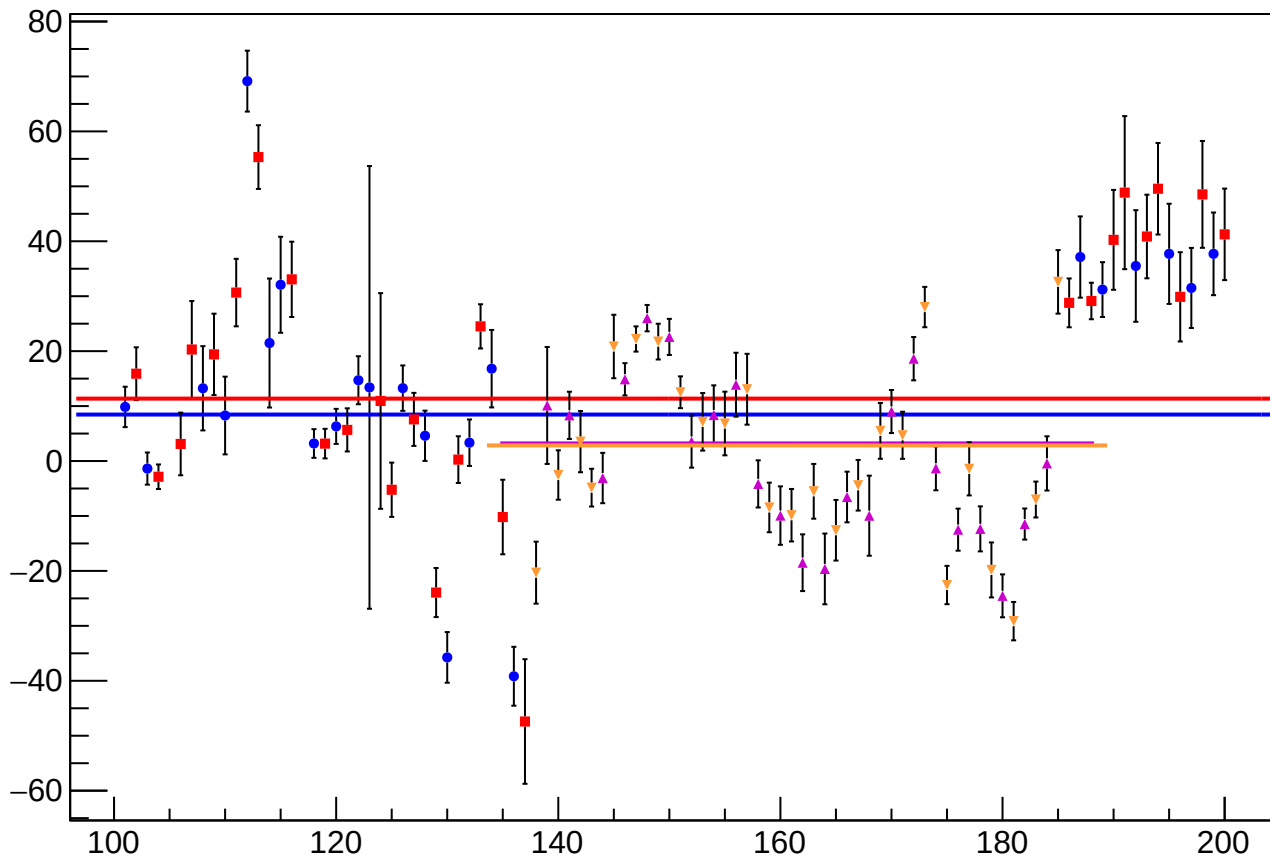
Left In: -208.981 ± 1.078 χ^2/NDF : 4865.2/22

+ sign -204.194 ± 0.978 χ^2/NDF : 6782.7/30

All: -211.963 ± 0.665 χ^2/NDF : 14134.8/62

- sign -218.641 ± 0.906 χ^2/NDF : 7234.7/31

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 8.459 ± 1.021 $\chi^2/\text{NDF}: 401.0/22$

Left Out: 2.841 ± 0.824 $\chi^2/\text{NDF}: 420.6/24$

Right Out: 11.363 ± 0.954 $\chi^2/\text{NDF}: 393.2/26$

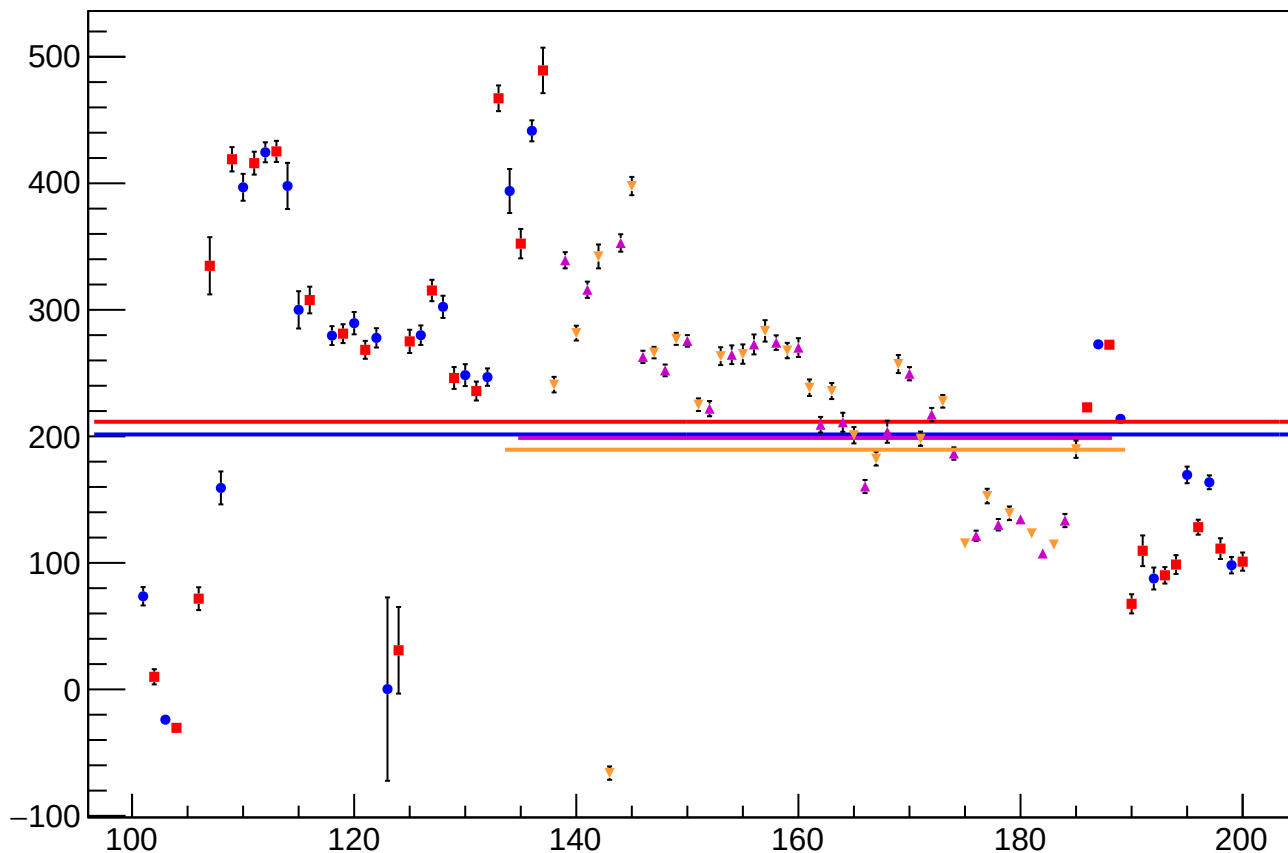
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 5.057 ± 0.641 $\chi^2/\text{NDF}: 840.0/47$

All: 5.954 ± 0.452 $\chi^2/\text{NDF}: 1601.5/97$

- sign 6.838 ± 0.636 $\chi^2/\text{NDF}: 757.6/49$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.498 $\pm$ 1.427 χ^2 /NDF: 7616.2/22

Left Out: 189.453 $\pm$ 1.070 χ^2 /NDF:6649.7/24

Right Out: 211.543 $\pm$ 1.123 χ^2 /NDF: 10866.1/26

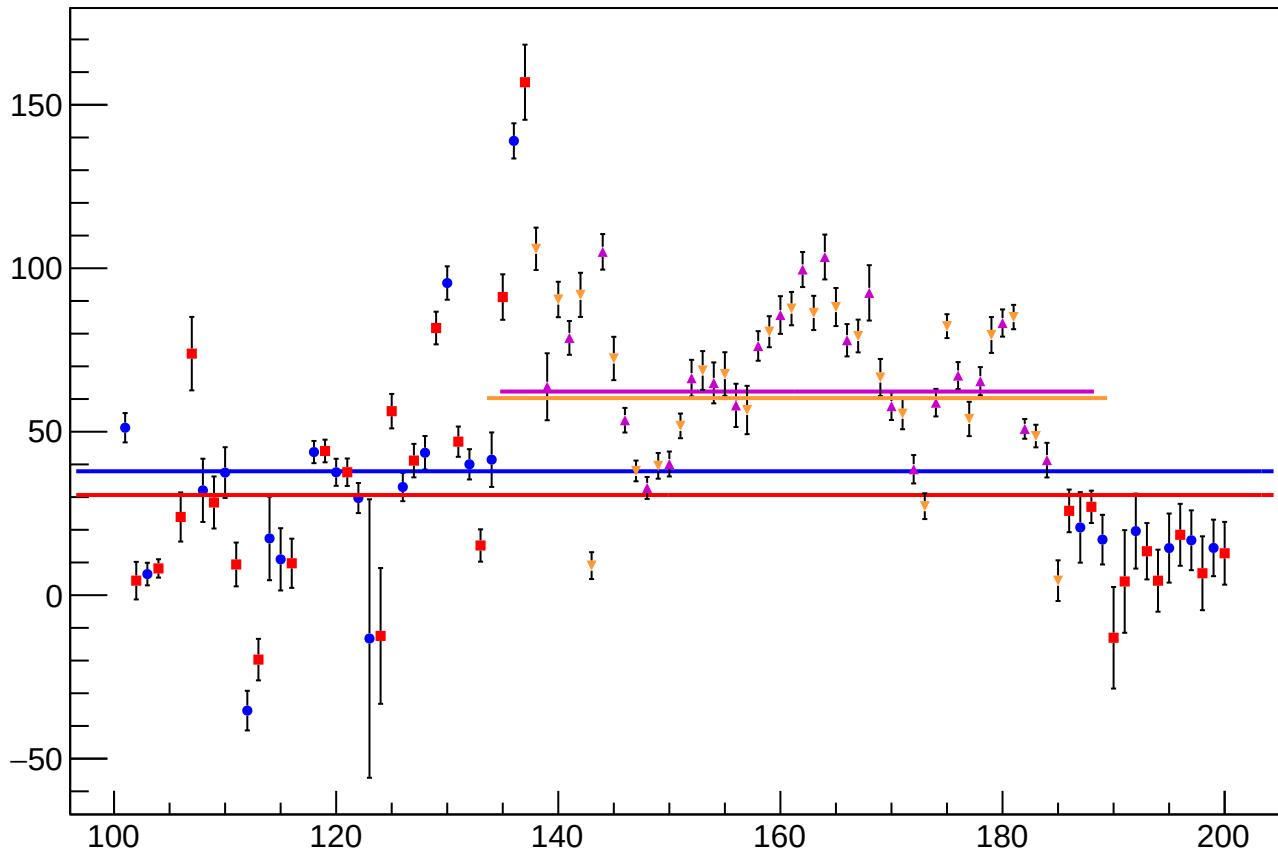
Left In: 198.762 $\pm$ 1.078 χ^2 /NDF:4590.0/22

+ sign 193.785 $\pm$ 0.856 χ^2 /NDF: 14311.5/47

All: 199.868 $\pm$ 0.576 χ^2 /NDF: 29927.2/97

- sign 204.889 $\pm$ 0.778 χ^2 /NDF: 15523.6/49

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 37.905 ± 1.204 $\chi^2/\text{NDF}: 768.5/22$

Left Out: 60.287 ± 0.945 $\chi^2/\text{NDF}: 714.8/24$

Right Out: 30.637 ± 1.145 $\chi^2/\text{NDF}: 587.2/26$

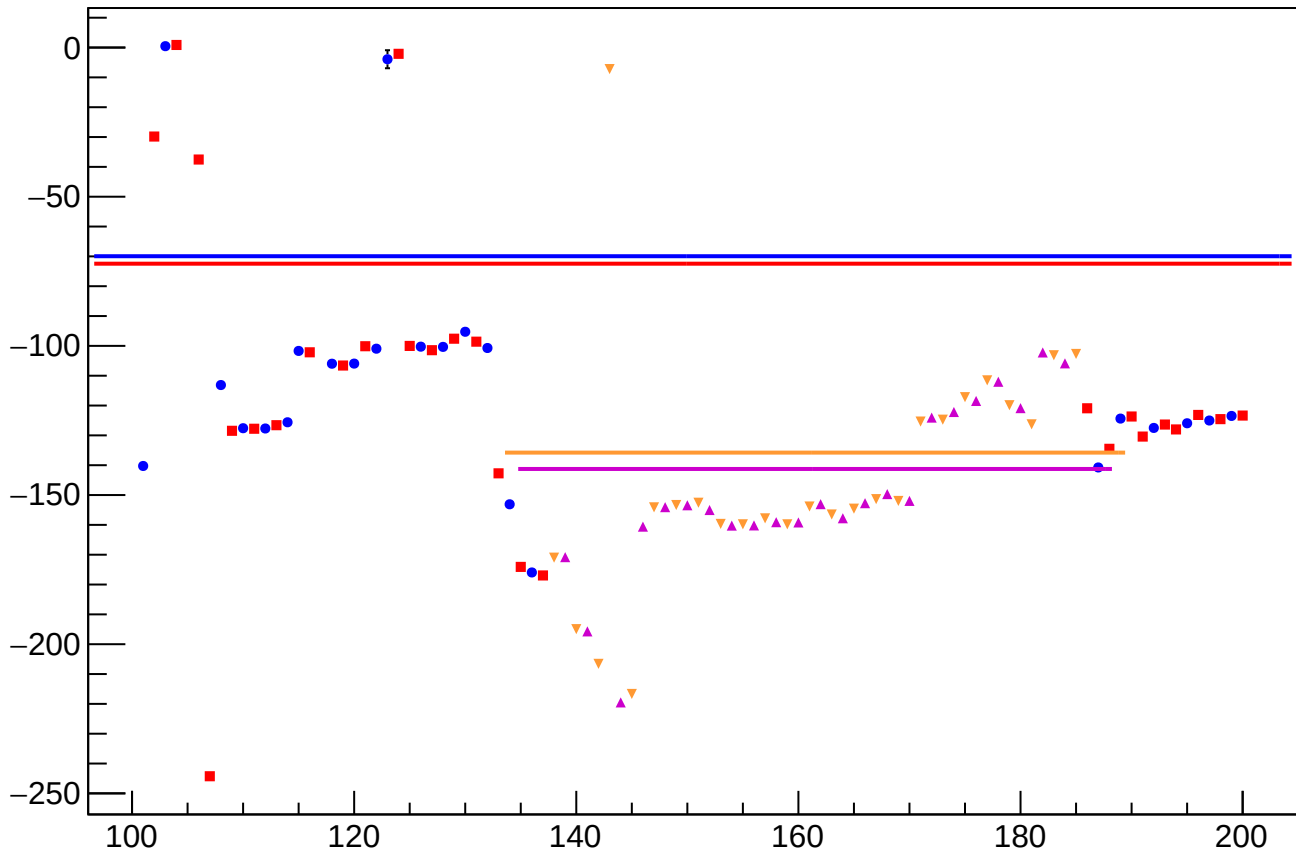
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 51.751 ± 0.743 $\chi^2/\text{NDF}: 1697.3/47$

All: 50.396 ± 0.525 $\chi^2/\text{NDF}: 3147.0/97$

- sign 49.049 ± 0.741 $\chi^2/\text{NDF}: 1443.1/49$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -69.948 $\pm$ 0.056 χ^2 /NDF: 1316438.0/22

Left Out: -135.775 $\pm$ 0.045 χ^2 /NDF: 742021.1/24

Right Out: -72.452 $\pm$ 0.052 χ^2 /NDF: 1352783.1/26

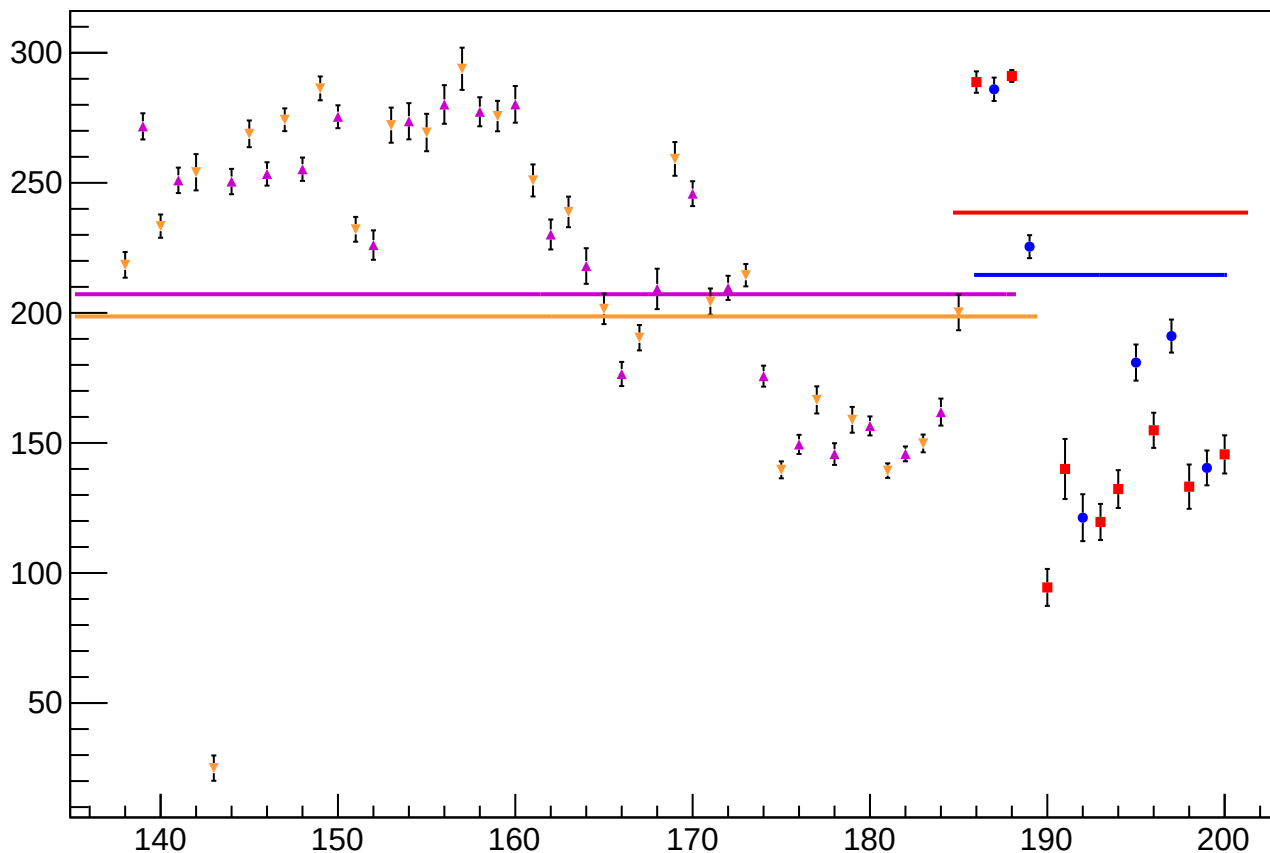
Left In: -141.259 $\pm$ 0.045 χ^2 /NDF: 350045.9/22

+ sign -110.144 $\pm$ 0.035 χ^2 /NDF: 2903923.2/47

All: -111.064 $\pm$ 0.024 χ^2 /NDF: 5599487.7/97

- sign -111.945 $\pm$ 0.034 χ^2 /NDF: 2694206.5/49

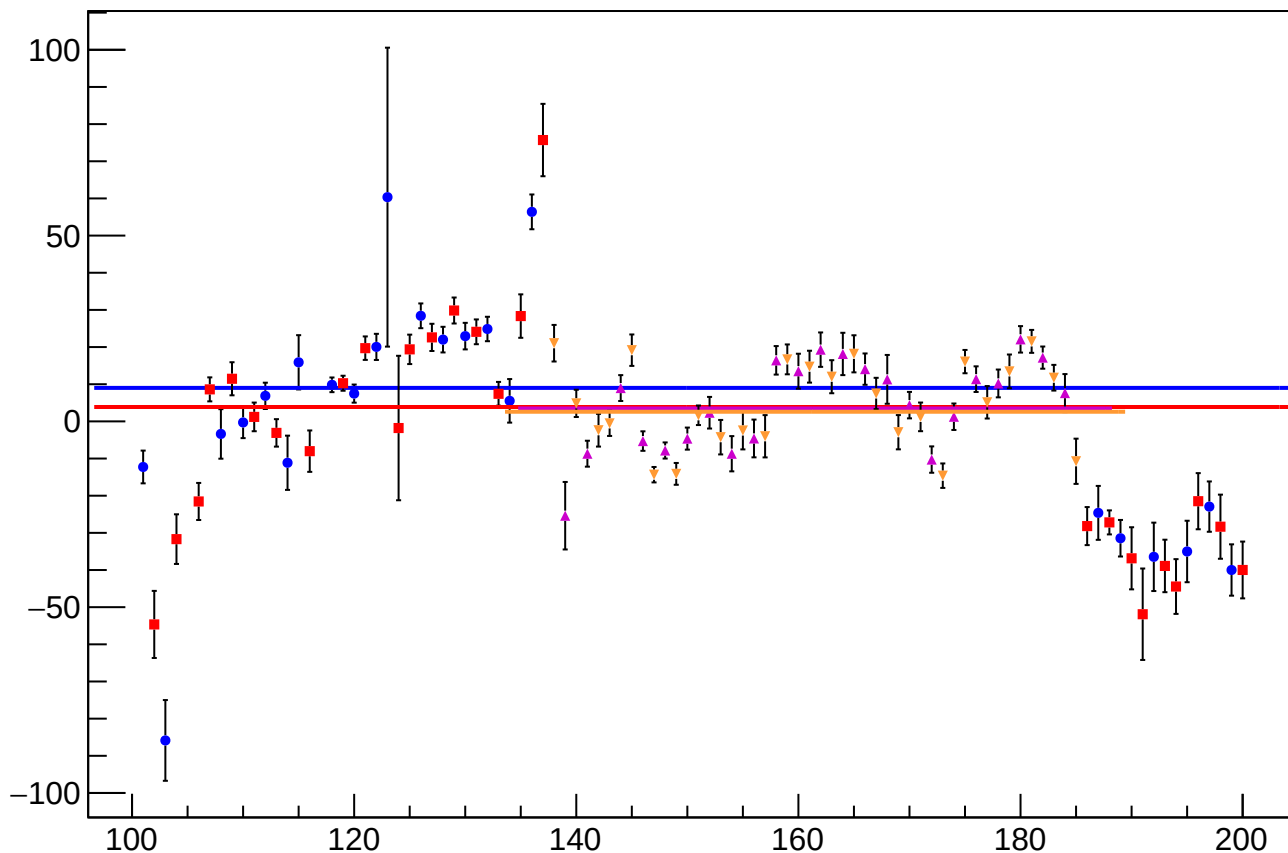
reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 214.603 ± 2.352 $\chi^2/\text{NDF}: 524.8/5$
 Left Out: 198.637 ± 0.966 $\chi^2/\text{NDF}: 4146.6/24$
 Right Out: 238.562 ± 1.638 $\chi^2/\text{NDF}: 2138.7/8$
 Left In: 207.171 ± 0.986 $\chi^2/\text{NDF}: 2631.6/22$

+ sign 200.942 ± 0.894 $\chi^2/\text{NDF}: 4710.9/30$
 All: 208.644 ± 0.614 $\chi^2/\text{NDF}: 9891.4/62$
 - sign 215.524 ± 0.845 $\chi^2/\text{NDF}: 5039.9/31$

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 9.013 ± 0.873 χ^2/NDF : 532.7/22

Left Out: 2.595 ± 0.744 χ^2/NDF : 274.3/24

Right Out: 3.871 ± 0.836 χ^2/NDF : 665.4/26

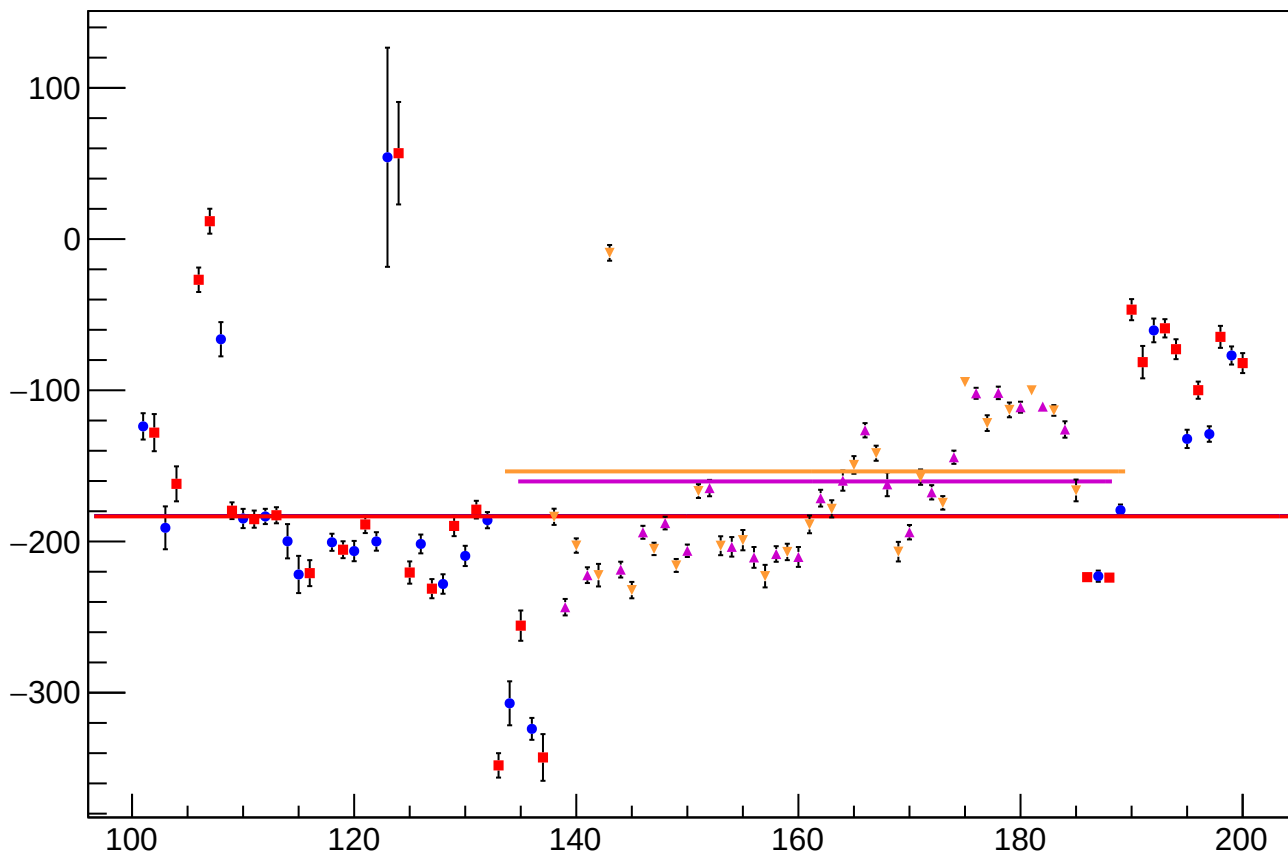
Left In: 3.478 ± 0.772 χ^2/NDF : 194.7/22

+ sign 5.295 ± 0.566 χ^2/NDF : 838.3/47

All: 4.478 ± 0.401 χ^2/NDF : 1702.7/97

- sign 3.659 ± 0.567 χ^2/NDF : 860.2/49

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -183.136 ± 1.325 χ^2/NDF : 1587.0/22

Left Out: -153.649 ± 0.970 χ^2/NDF : 2930.9/24

Right Out: -183.396 ± 1.062 χ^2/NDF : 4238.0/26

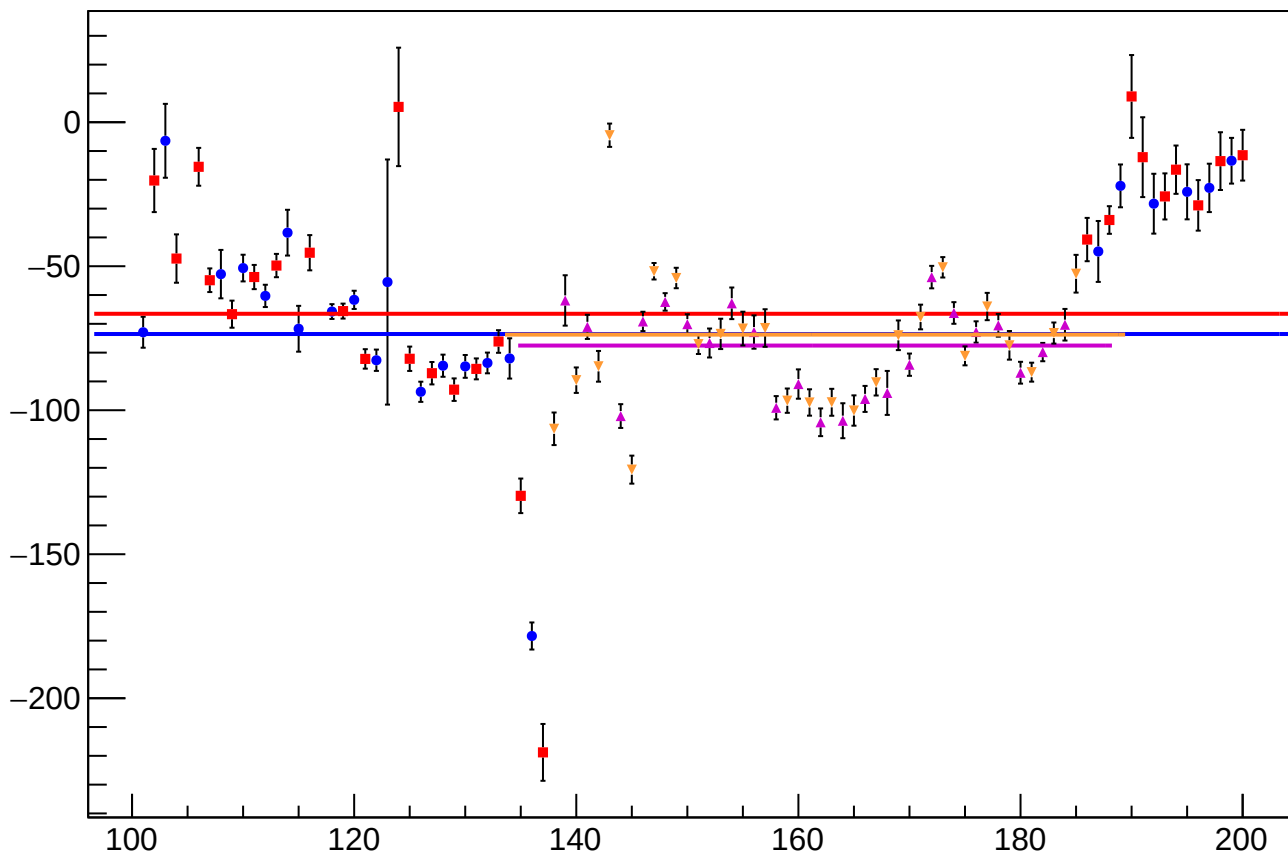
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -163.933 ± 0.783 χ^2/NDF : 4840.3/47

All: -167.730 ± 0.531 χ^2/NDF : 11425.9/97

- sign -170.964 ± 0.722 χ^2/NDF : 6542.1/49

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -73.539 $\pm$ 1.022 χ^2/NDF : 869.5/22

Left Out: -73.741 $\pm$ 0.855 χ^2/NDF : 728.3/24

Right Out: -66.511 $\pm$ 0.983 χ^2/NDF : 881.4/26

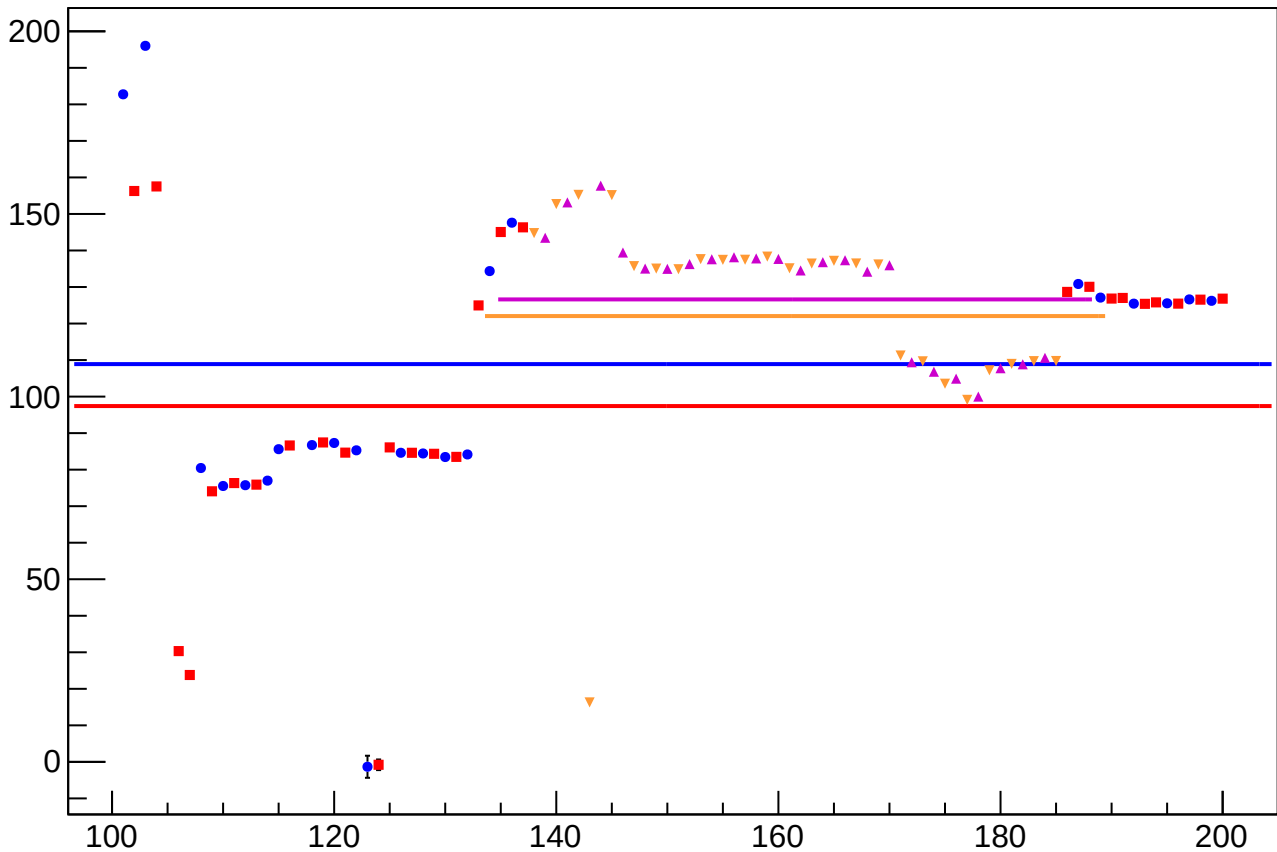
Left In: -77.545 $\pm$ 0.880 χ^2/NDF : 252.7/22

+ sign -73.658 $\pm$ 0.655 χ^2/NDF : 1597.8/47

All: -73.146 $\pm$ 0.464 χ^2/NDF : 2803.2/97

- sign -72.634 $\pm$ 0.656 χ^2/NDF : 1204.1/49

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 108.896 $\pm$ 0.061 χ^2 /NDF: 300440.2/22

Left Out: 122.046 $\pm$ 0.040 χ^2 /NDF: 437985.3/24

Right Out: 97.410 $\pm$ 0.053 χ^2 /NDF: 544682.5/26

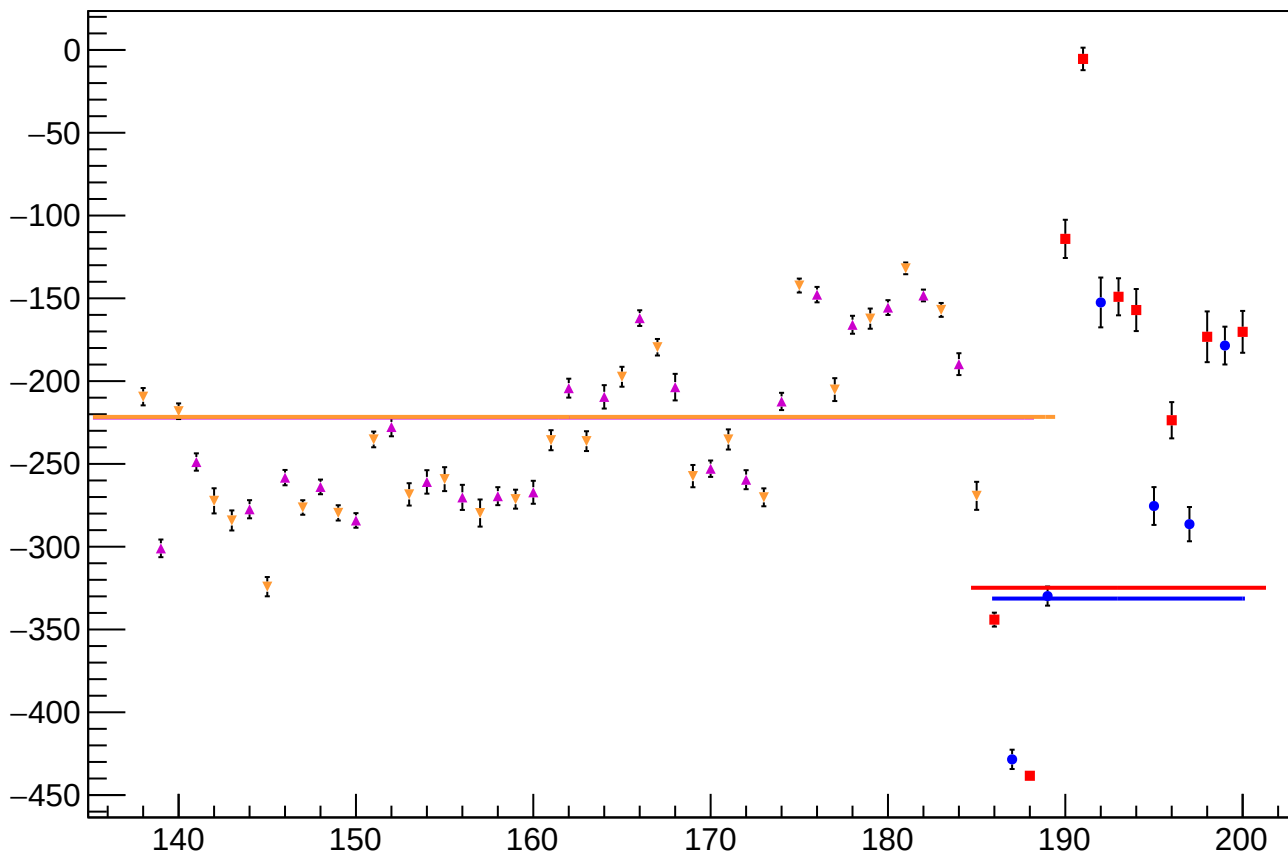
Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

+ sign 118.039 $\pm$ 0.034 χ^2 /NDF: 770661.0/47

All: 116.876 $\pm$ 0.023 χ^2 /NDF: 1671077.5/97

- sign 115.799 $\pm$ 0.032 χ^2 /NDF: 898124.5/49

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -331.320 ± 3.361 χ^2/NDF : 640.5/5

Left Out: -221.606 ± 1.087 χ^2/NDF : 2565.8/24

Right Out: -324.802 ± 2.098 χ^2/NDF : 4713.6/8

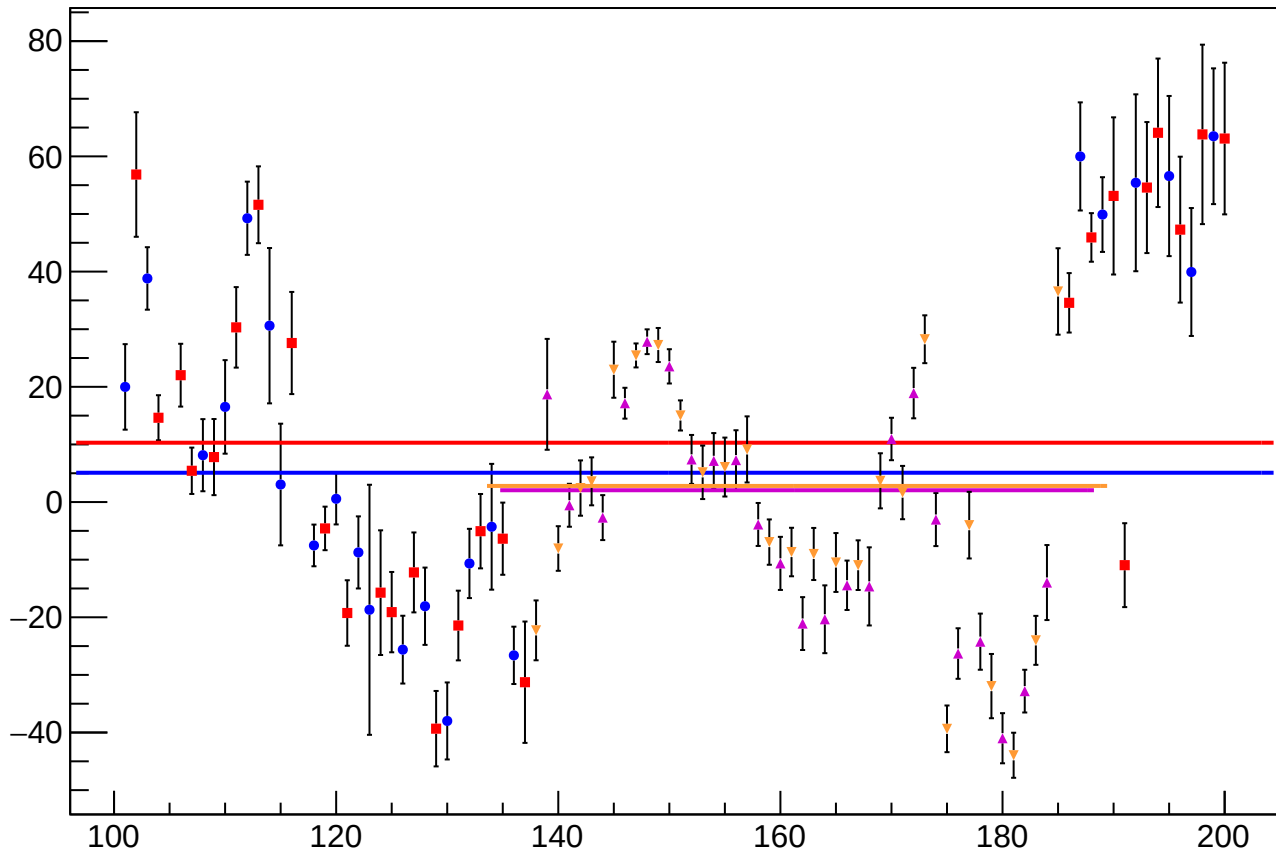
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ sign -232.001 ± 1.034 χ^2/NDF : 4171.1/30

All: -238.416 ± 0.709 χ^2/NDF : 13033.0/62

- sign -244.090 ± 0.973 χ^2/NDF : 8789.5/31

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 5.087 $\pm$ 1.419 χ^2/NDF : 385.9/22

Left Out: 2.800 $\pm$ 0.810 χ^2/NDF : 685.5/24

Right Out: 10.300 $\pm$ 1.235 χ^2/NDF : 447.3/26

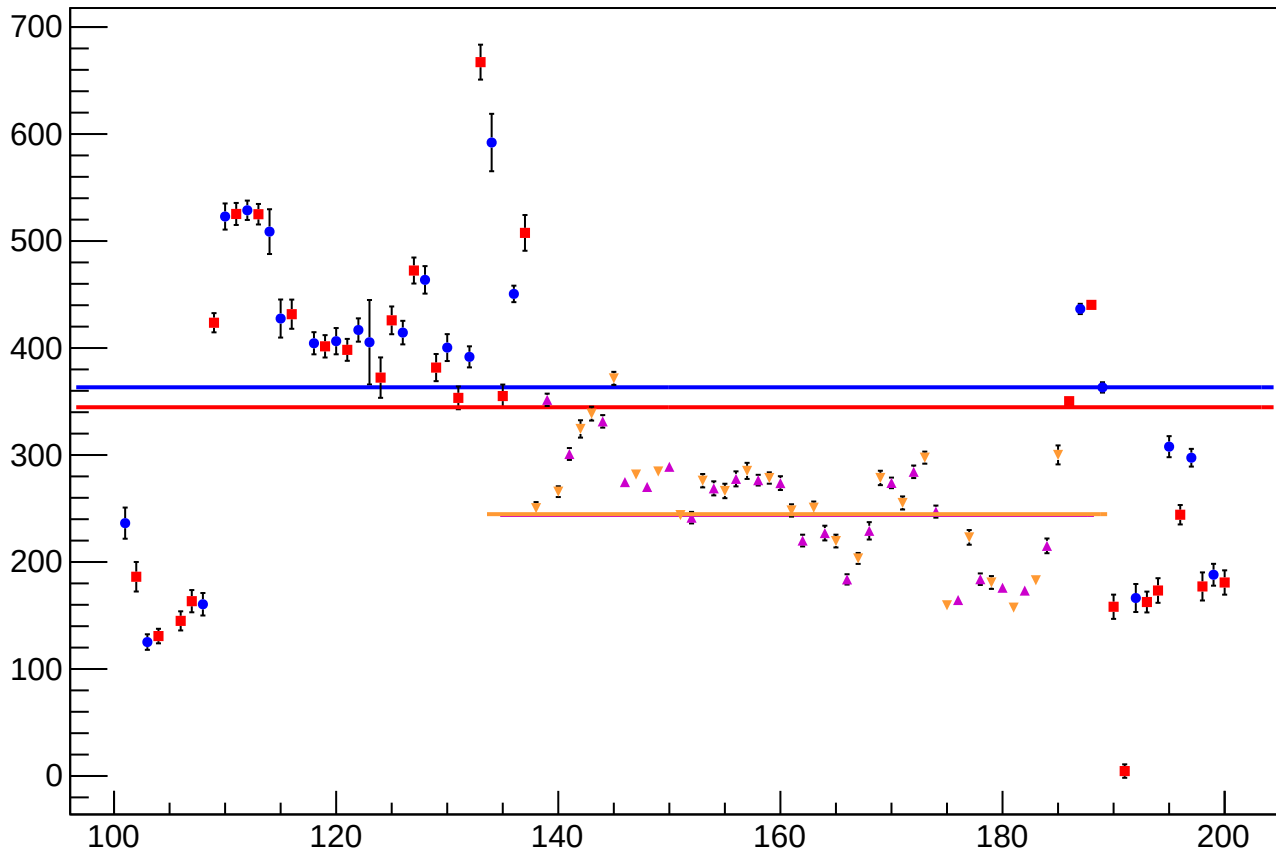
Left In: 2.050 $\pm$ 0.833 χ^2/NDF : 592.6/22

+ sign 3.361 $\pm$ 0.703 χ^2/NDF : 1073.4/47

All: 4.007 $\pm$ 0.493 χ^2/NDF : 2145.6/97

- sign 4.631 $\pm$ 0.691 χ^2/NDF : 1070.5/49

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 363.299 $\pm$ 1.969 χ^2 /NDF: 3293.1/22

Left Out: 244.716 $\pm$ 1.085 χ^2 /NDF: 2565.7/24

Right Out: 344.651 $\pm$ 1.435 χ^2 /NDF: 9200.4/26

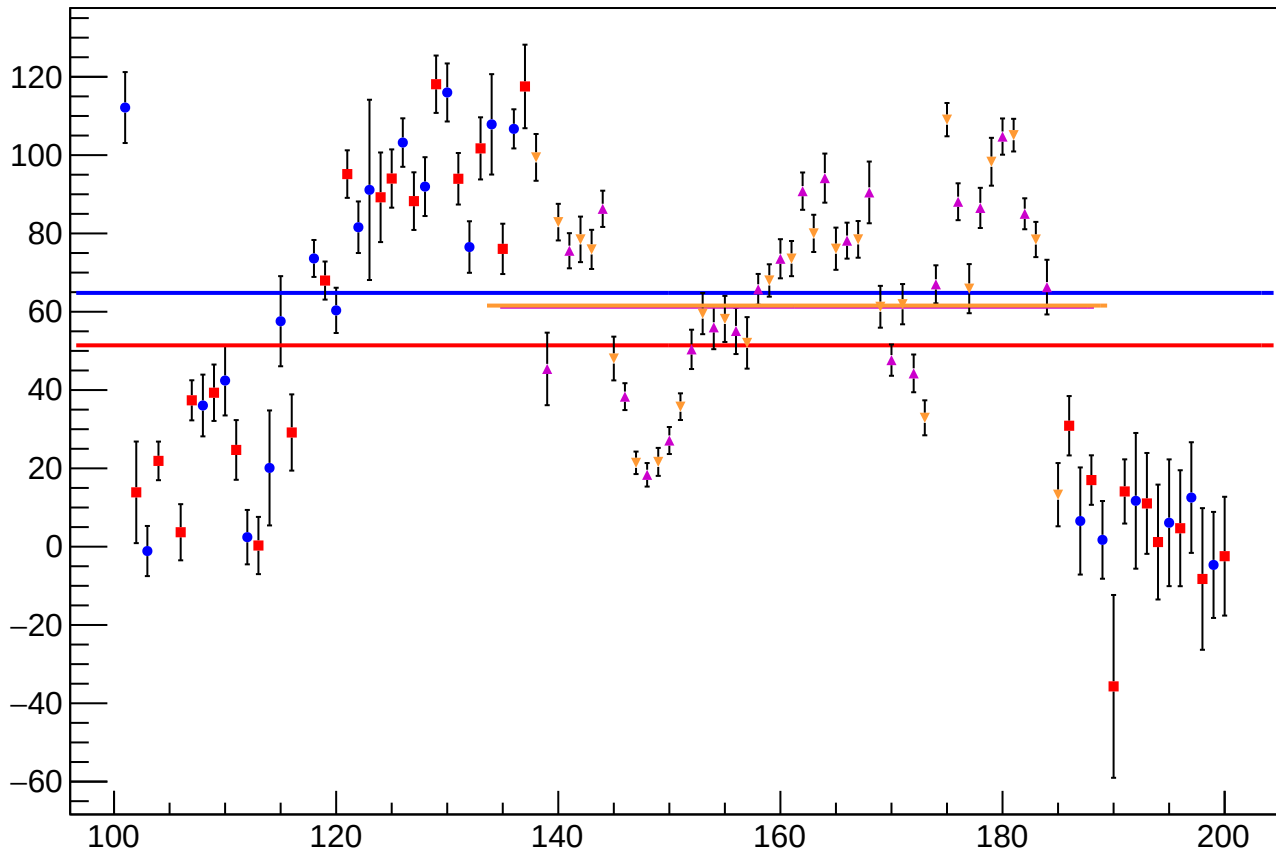
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF: 2294.8/22

+ sign 272.319 $\pm$ 0.950 χ^2 /NDF: 8641.7/47

All: 276.932 $\pm$ 0.641 χ^2 /NDF: 23303.7/97

- sign 280.784 $\pm$ 0.868 χ^2 /NDF: 14618.8/49

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 64.813 ± 1.661 $\chi^2/\text{NDF}: 560.1/22$

Left Out: 61.575 ± 0.939 $\chi^2/\text{NDF}: 870.3/24$

Right Out: 51.418 ± 1.480 $\chi^2/\text{NDF}: 642.0/26$

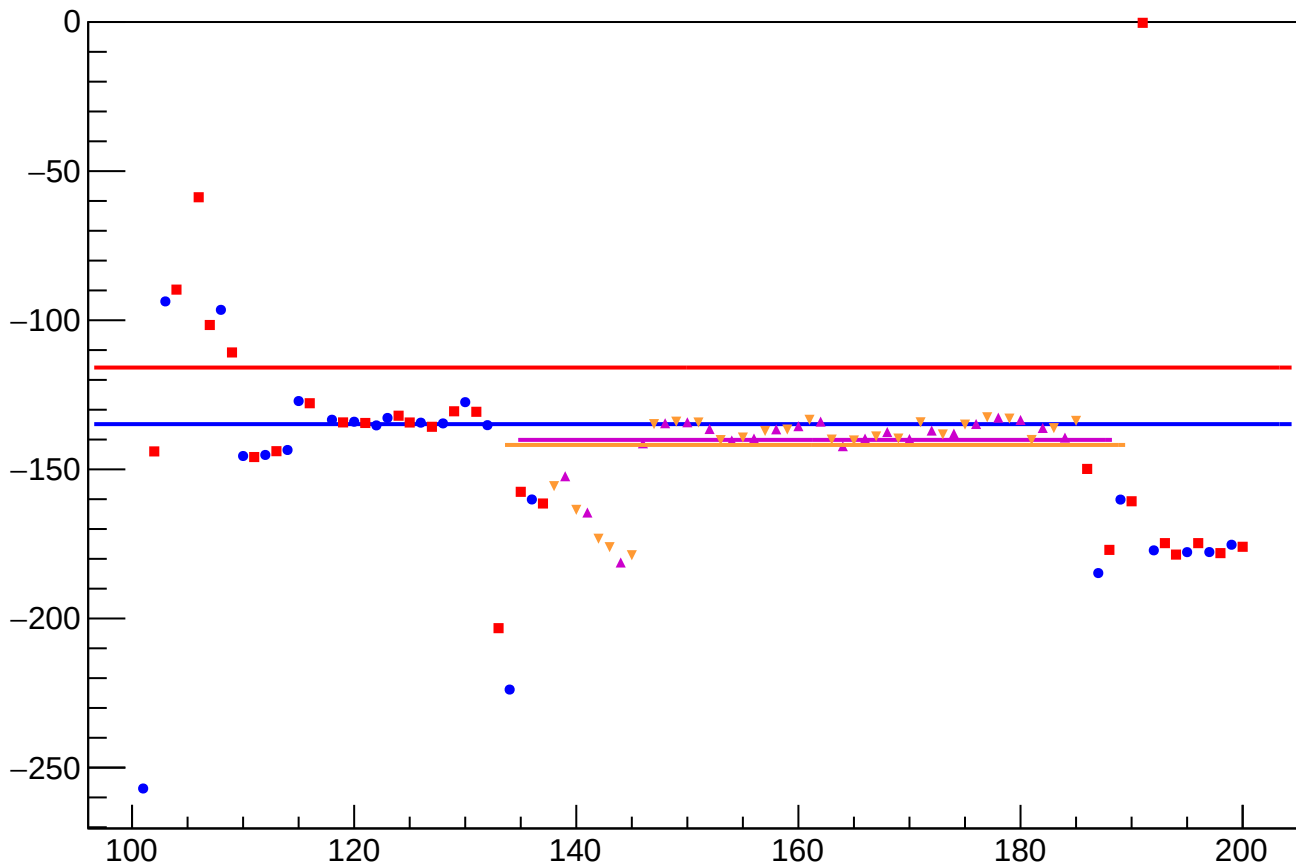
Left In: 61.286 ± 0.959 $\chi^2/\text{NDF}: 702.8/22$

+ sign 62.359 ± 0.817 $\chi^2/\text{NDF}: 1433.3/47$

All: 60.333 ± 0.573 $\chi^2/\text{NDF}: 2821.4/97$

- sign 58.370 ± 0.805 $\chi^2/\text{NDF}: 1376.1/49$

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -134.832 ± 0.082 $\chi^2/\text{NDF}: 213624.6/22$

Left Out: -141.811 ± 0.045 $\chi^2/\text{NDF}: 77727.6/24$

Right Out: -115.858 ± 0.070 $\chi^2/\text{NDF}: 558316.2/26$

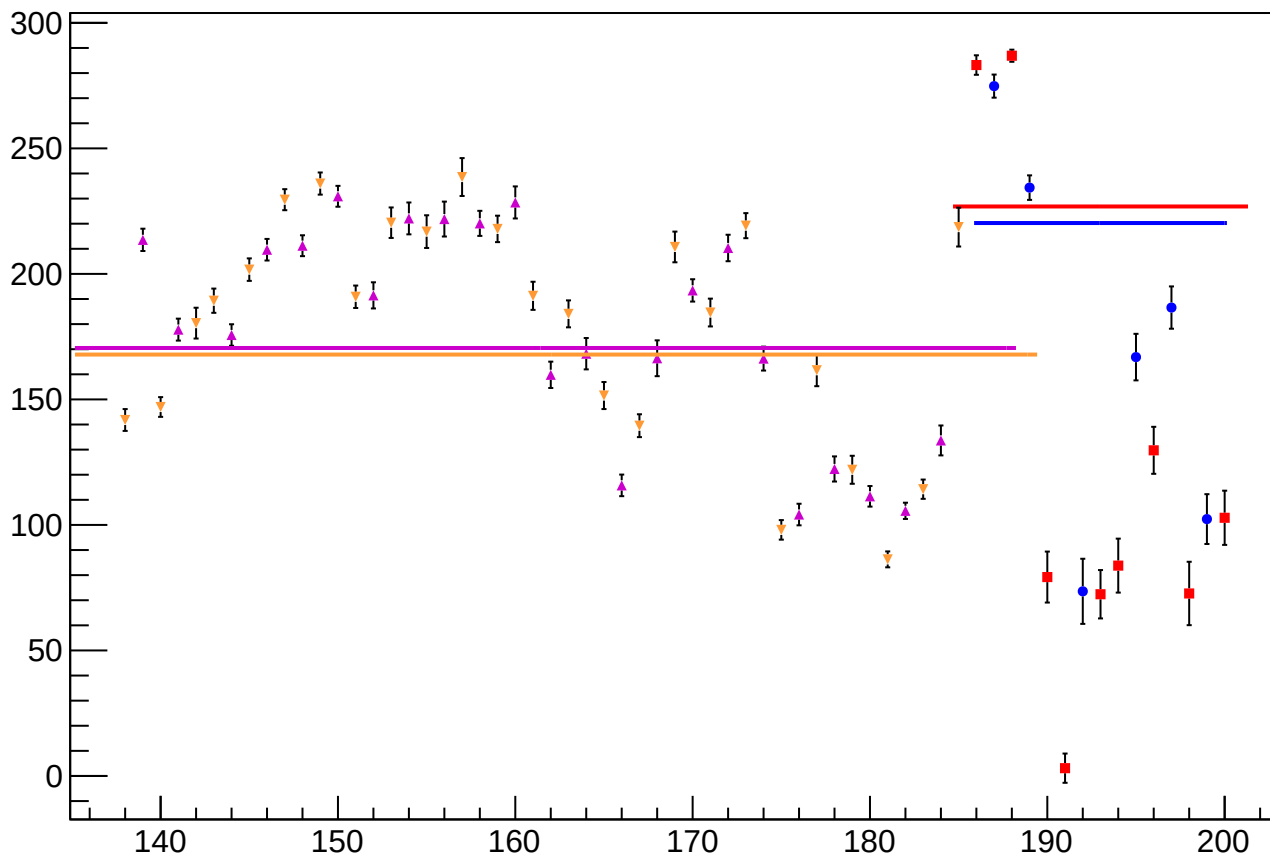
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -140.198 ± 0.039 $\chi^2/\text{NDF}: 296958.9/47$

All: -136.480 ± 0.027 $\chi^2/\text{NDF}: 1006136.1/97$

- sign -133.049 ± 0.038 $\chi^2/\text{NDF}: 691957.0/49$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 220.262 ± 2.764 $\chi^2/\text{NDF}: 467.2/5$

Left Out: 167.868 ± 0.973 $\chi^2/\text{NDF}: 2465.4/24$

Right Out: 226.856 ± 1.759 $\chi^2/\text{NDF}: 3340.6/8$

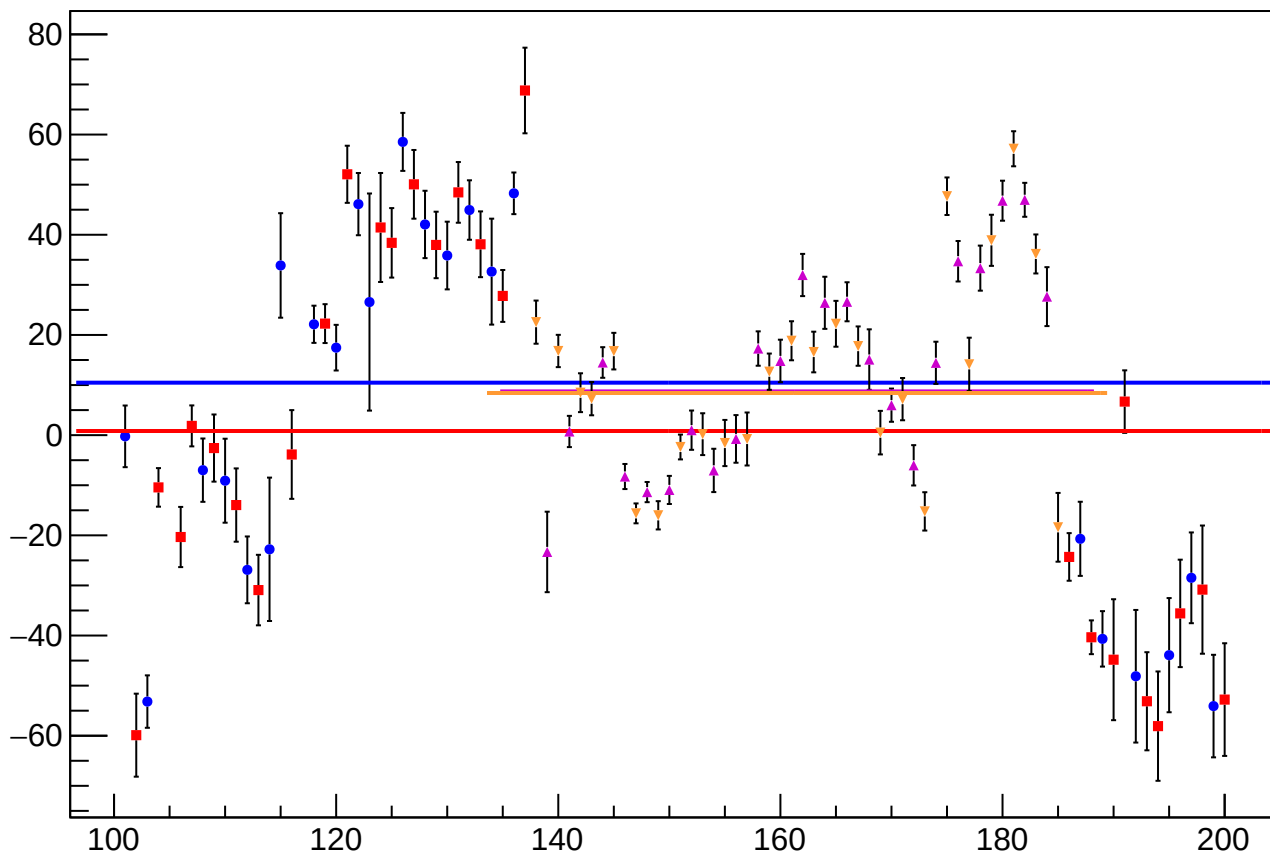
Left In: 170.487 ± 0.991 $\chi^2/\text{NDF}: 2036.5/22$

+ sign 173.649 ± 0.918 $\chi^2/\text{NDF}: 3252.2/30$

All: 179.180 ± 0.629 $\chi^2/\text{NDF}: 9477.1/62$

- sign 184.072 ± 0.864 $\chi^2/\text{NDF}: 6156.5/31$

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 10.474 ± 1.357 $\chi^2/\text{NDF}: 681.4/22$

Left Out: 8.415 ± 0.731 $\chi^2/\text{NDF}: 750.6/24$

Right Out: 0.828 ± 1.177 $\chi^2/\text{NDF}: 813.8/26$

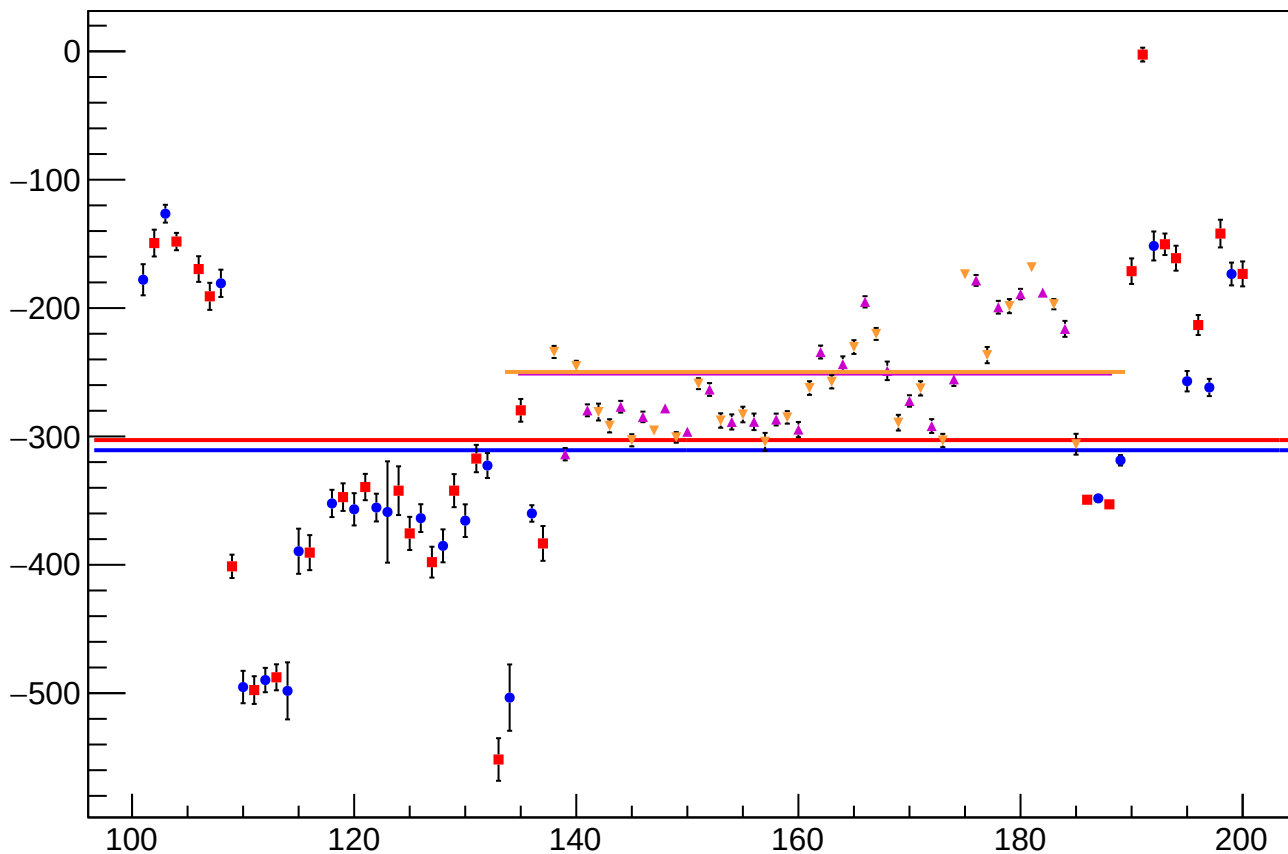
Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

+ sign 8.878 ± 0.644 $\chi^2/\text{NDF}: 1433.7/47$

All: 7.635 ± 0.453 $\chi^2/\text{NDF}: 2916.9/97$

- sign 6.419 ± 0.637 $\chi^2/\text{NDF}: 1475.7/49$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -310.736+/-1.742 χ^2 /NDF: 2513.4/22

Left Out: -249.759+/-0.975 χ^2 /NDF:2232.5/24

Right Out: -302.836+/-1.257 χ^2 /NDF: 7500.7/26

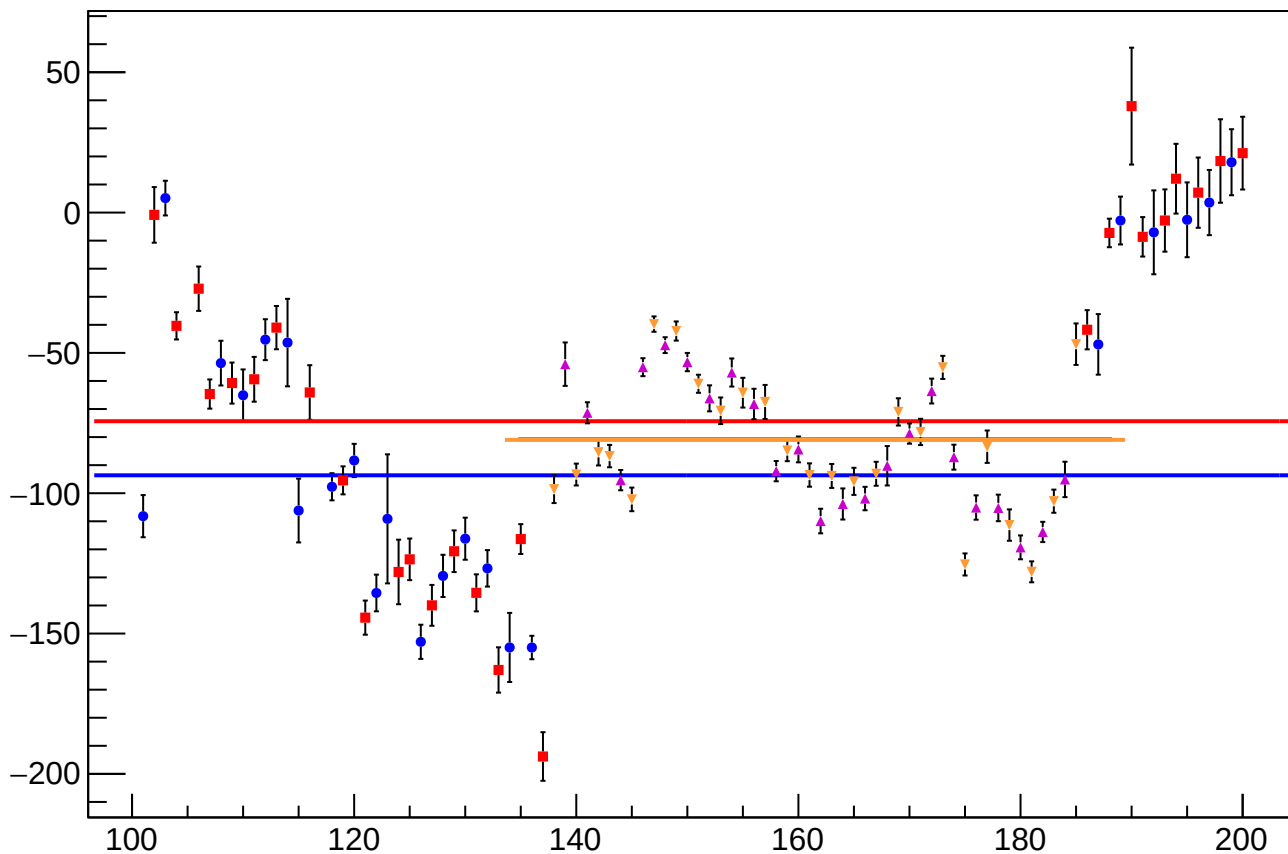
Left In: -251.002+/-0.987 χ^2 /NDF:1958.3/22

+ sign -264.312+/-0.851 χ^2 /NDF: 5679.1/47

All: -267.832+/-0.573 χ^2 /NDF: 16221.4/97

- sign -270.762+/-0.776 χ^2 /NDF: 10510.9/49

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -93.618 $\pm$ 1.589 χ^2/NDF : 1157.5/22

Left Out: -80.981 $\pm$ 0.846 χ^2/NDF : 911.2/24

Right Out: -74.343 $\pm$ 1.418 χ^2/NDF : 1503.2/26

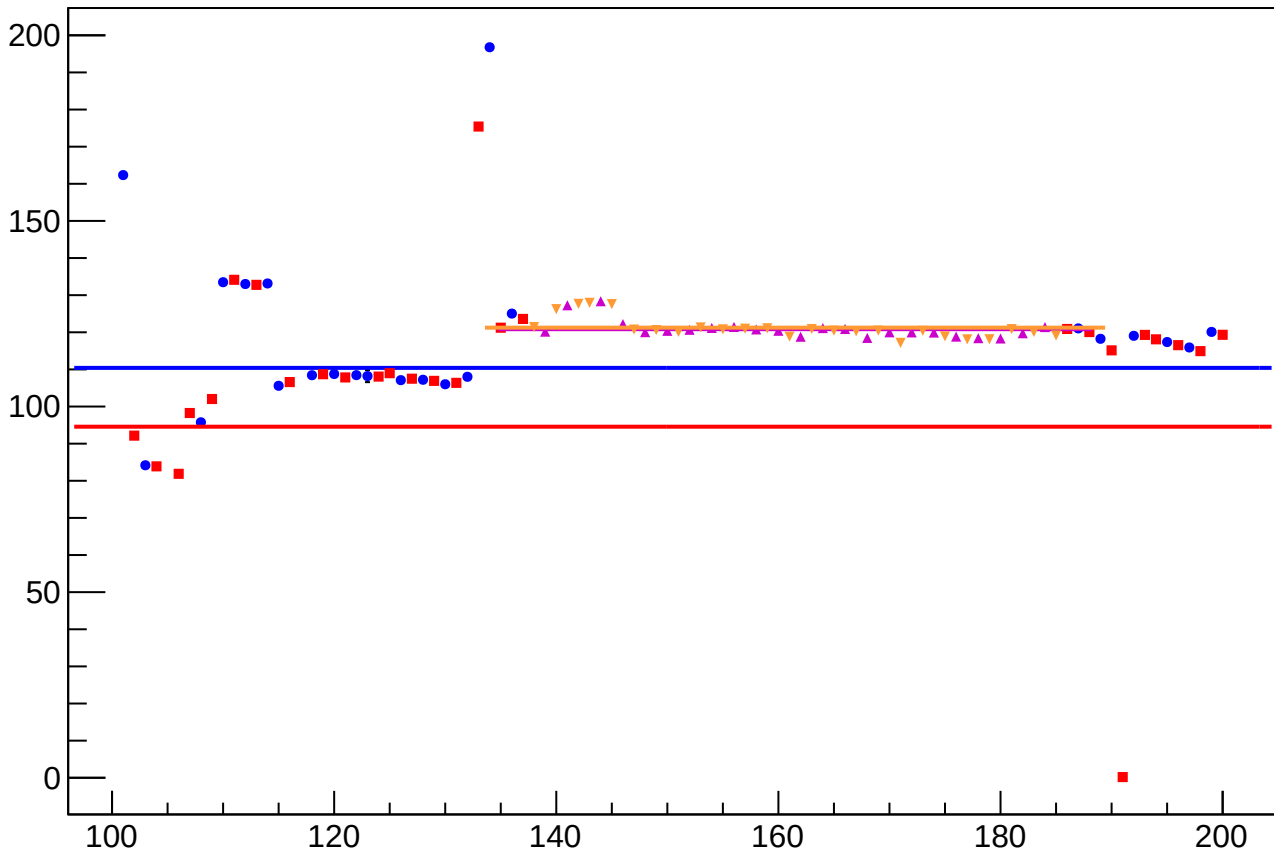
Left In: -80.803 $\pm$ 0.870 χ^2/NDF : 695.4/22

+ sign -83.771 $\pm$ 0.747 χ^2/NDF : 2117.9/47

All: -81.386 $\pm$ 0.526 χ^2/NDF : 4351.9/97

- sign -79.037 $\pm$ 0.741 χ^2/NDF : 2213.7/49

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 110.414 $\pm$ 0.076 χ^2 /NDF: 76119.6/22

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 94.570 $\pm$ 0.065 χ^2 /NDF: 335190.2/26

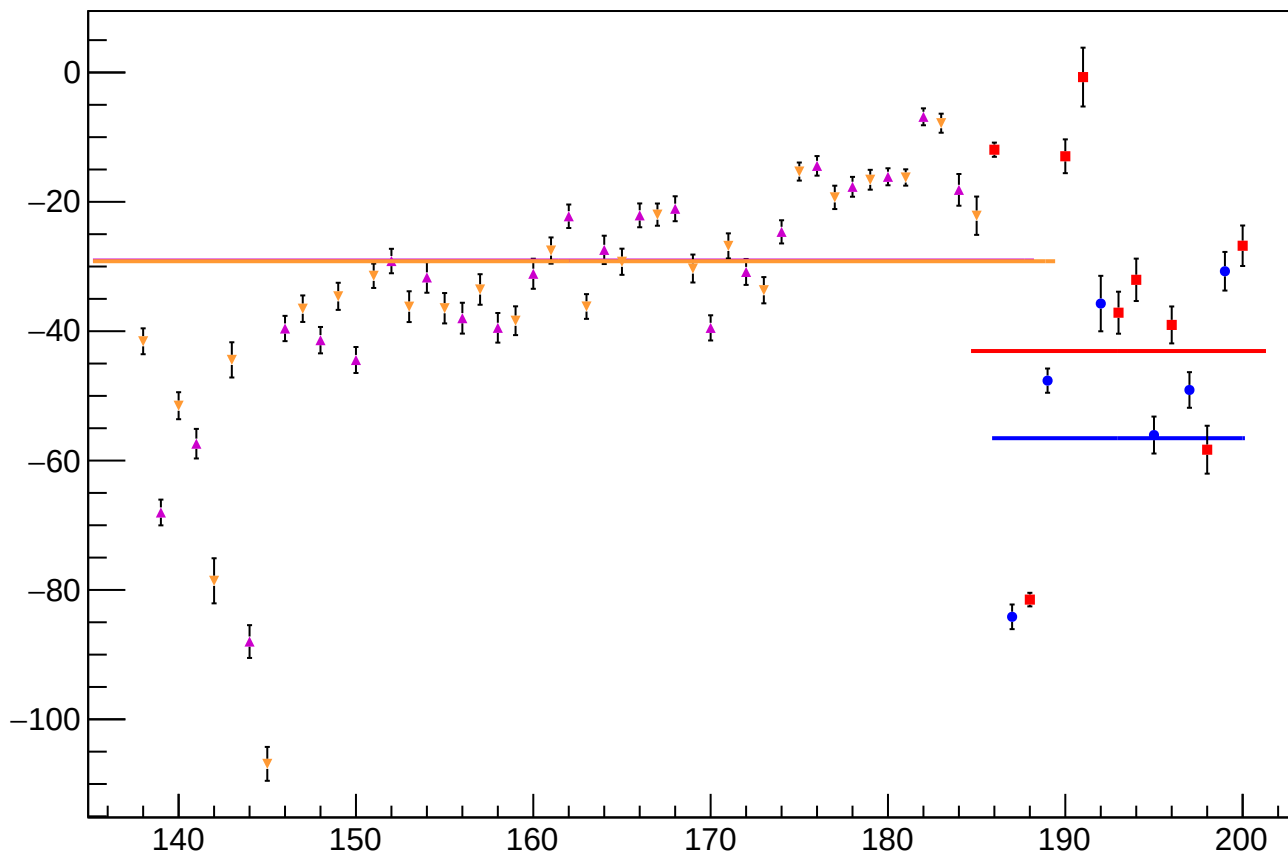
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.879 $\pm$ 0.036 χ^2 /NDF: 96808.9/47

All: 116.059 $\pm$ 0.025 χ^2 /NDF: 566002.2/97

- sign 113.430 $\pm$ 0.034 χ^2 /NDF: 457037.5/49

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -56.541 ± 1.010 $\chi^2/\text{NDF}: 338.1/5$

Left Out: -29.182 ± 0.389 $\chi^2/\text{NDF}: 1880.4/24$

Right Out: -43.064 ± 0.643 $\chi^2/\text{NDF}: 2424.9/8$

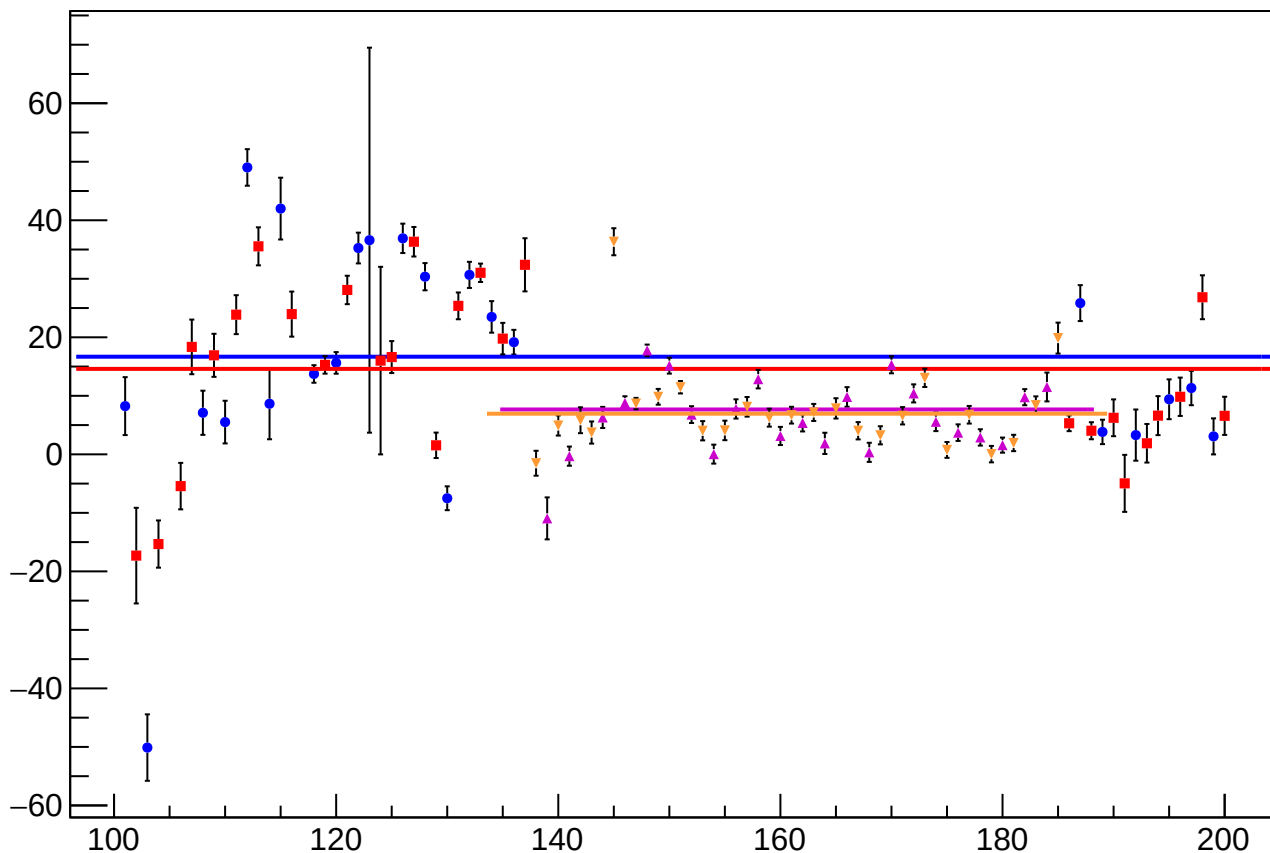
Left In: -29.073 ± 0.394 $\chi^2/\text{NDF}: 1872.4/22$

+ sign -32.722 ± 0.363 $\chi^2/\text{NDF}: 2857.8/30$

All: -32.812 ± 0.247 $\chi^2/\text{NDF}: 7499.4/62$

- sign -32.889 ± 0.336 $\chi^2/\text{NDF}: 4641.5/31$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 16.683 ± 0.567 $\chi^2/\text{NDF}: 714.6/22$

Left Out: 6.943 ± 0.304 $\chi^2/\text{NDF}: 322.6/24$

Right Out: 14.605 ± 0.499 $\chi^2/\text{NDF}: 607.2/26$

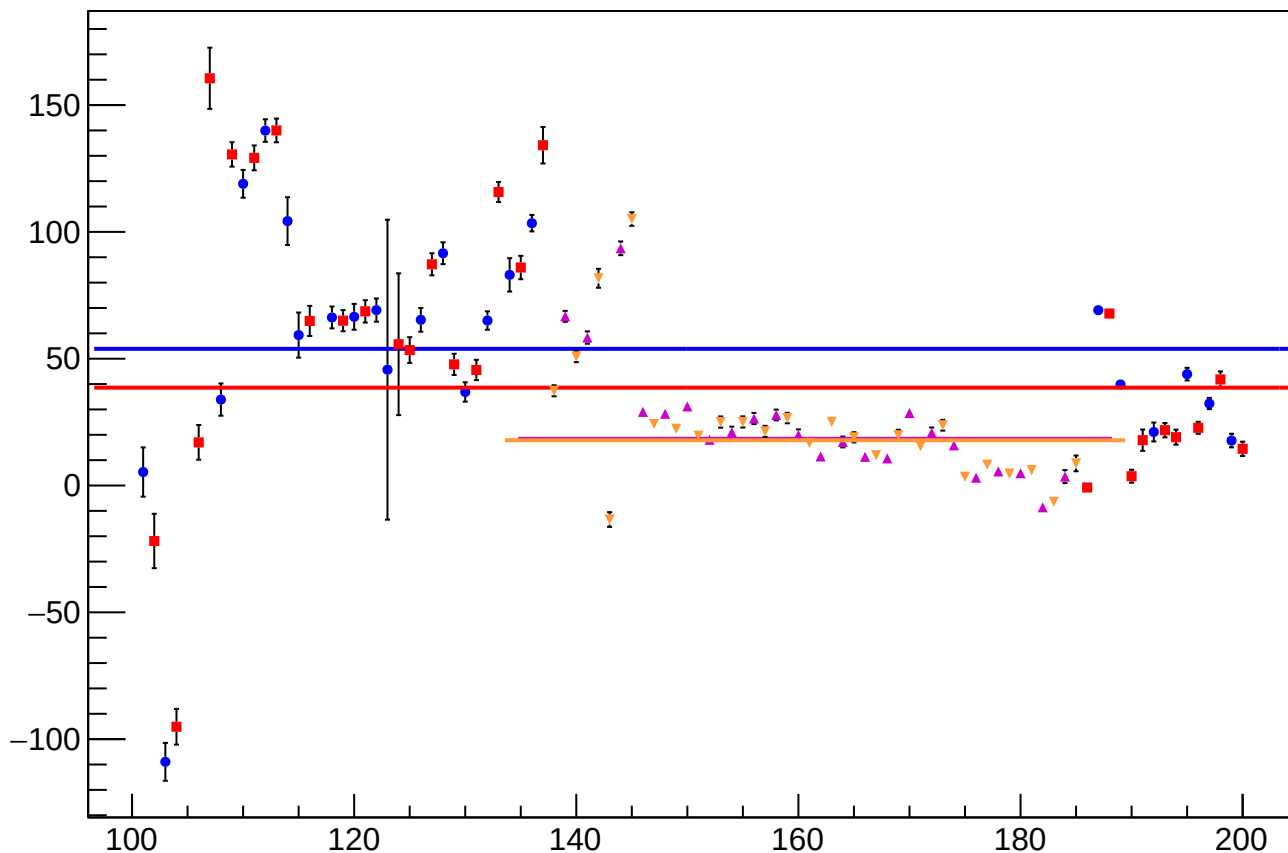
Left In: 7.666 ± 0.313 $\chi^2/\text{NDF}: 341.1/22$

+ sign 9.114 ± 0.268 $\chi^2/\text{NDF}: 1266.5/47$

All: 9.371 ± 0.188 $\chi^2/\text{NDF}: 2355.6/97$

- sign 9.624 ± 0.265 $\chi^2/\text{NDF}: 1087.2/49$

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 53.889 ± 0.700 χ^2/NDF : 1987.4/22

Left Out: 17.841 ± 0.388 χ^2/NDF : 2399.7/24

Right Out: 38.587 ± 0.487 χ^2/NDF : 6207.8/26

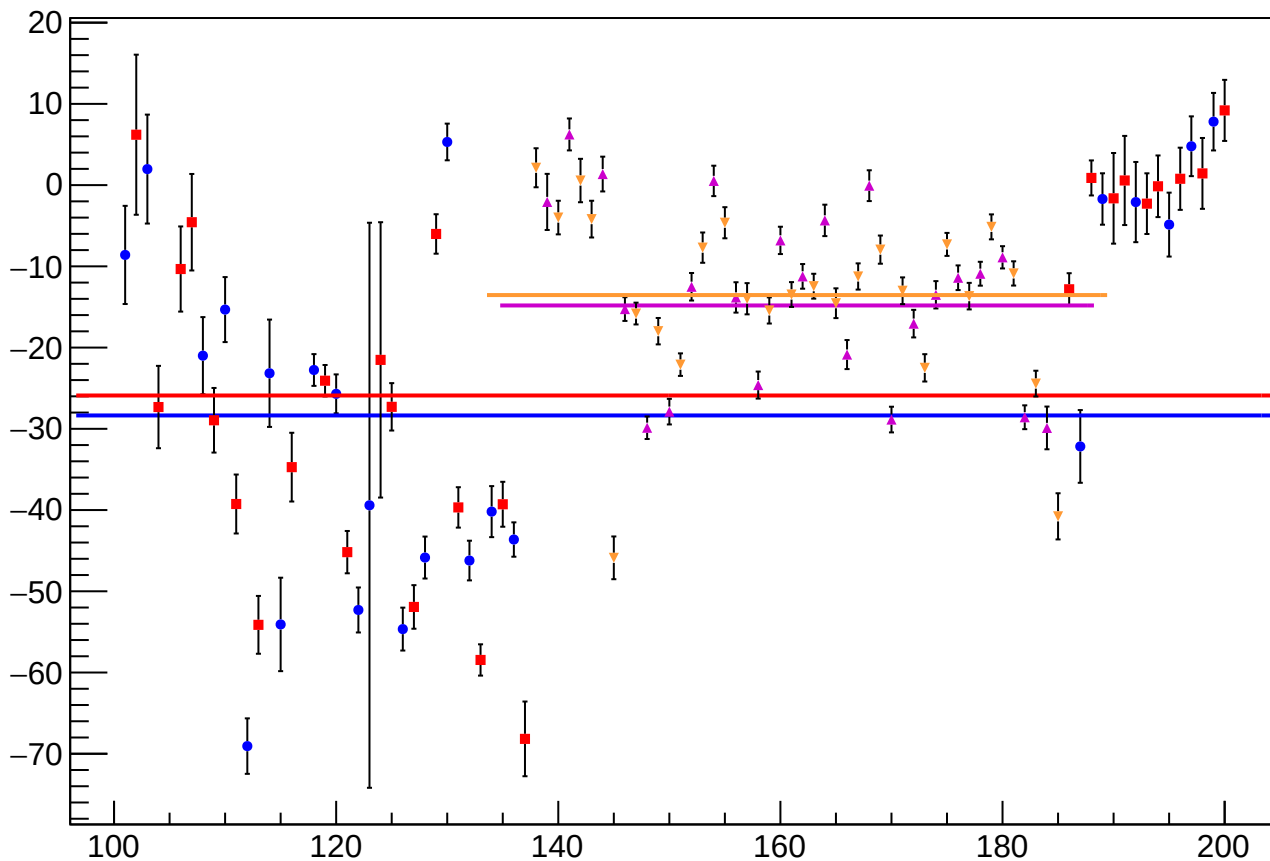
Left In: 18.416 ± 0.391 χ^2/NDF : 2468.4/22

+ sign 26.310 ± 0.339 χ^2/NDF : 6416.8/47

All: 26.320 ± 0.227 χ^2/NDF : 16135.7/97

- sign 26.329 ± 0.305 χ^2/NDF : 9718.9/49

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -28.355 ± 0.666 $\chi^2/\text{NDF}: 1099.4/22$

Left Out: -13.535 ± 0.345 $\chi^2/\text{NDF}: 574.6/24$

Right Out: -25.897 ± 0.607 $\chi^2/\text{NDF}: 1256.6/26$

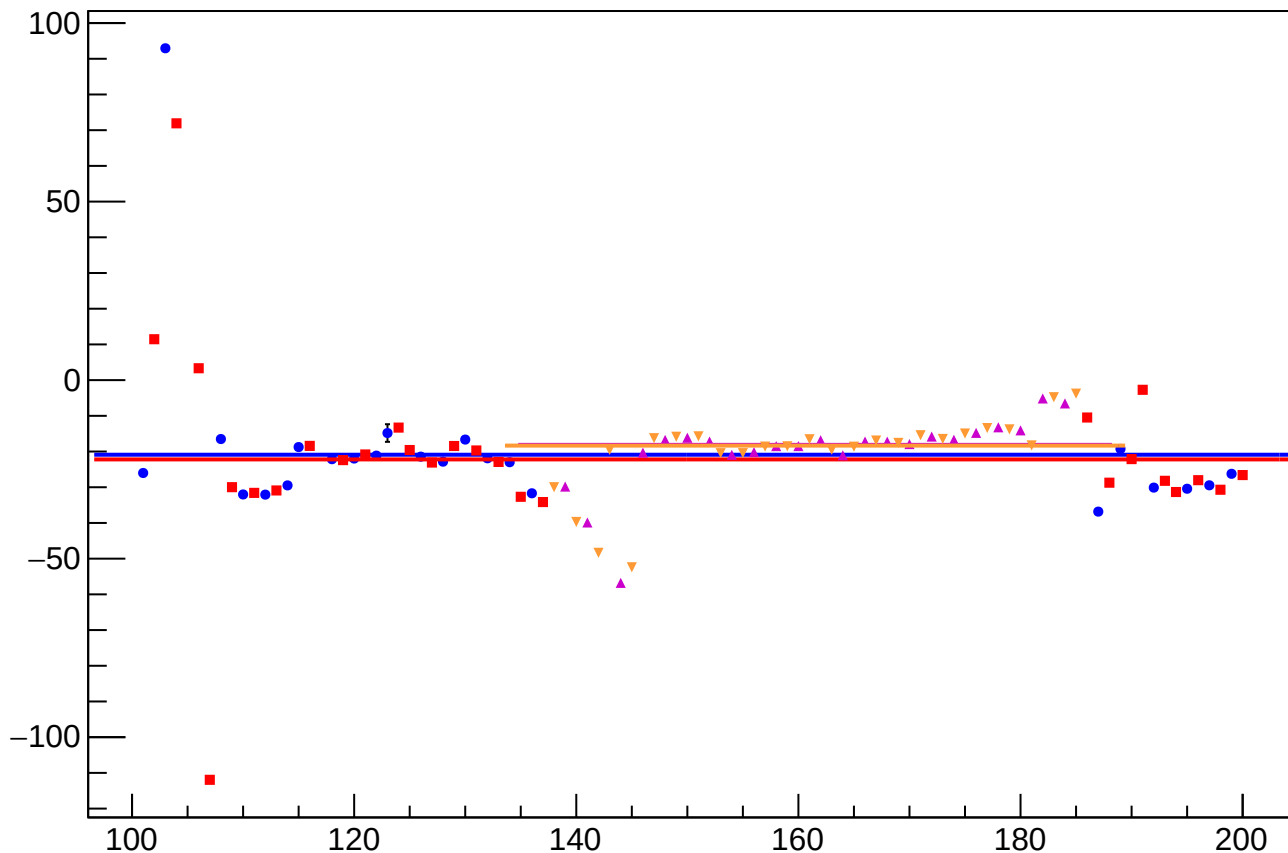
Left In: -14.815 ± 0.353 $\chi^2/\text{NDF}: 838.2/22$

+ sign -16.665 ± 0.306 $\chi^2/\text{NDF}: 2064.4/47$

All: -17.141 ± 0.216 $\chi^2/\text{NDF}: 4412.8/97$

- sign -17.614 ± 0.305 $\chi^2/\text{NDF}: 2343.6/49$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -20.895 ± 0.034 χ^2/NDF : 506060.1/22

Left Out: -18.337 ± 0.016 χ^2/NDF : 283793.3/24

Right Out: -22.208 ± 0.030 χ^2/NDF : 484107.7/26

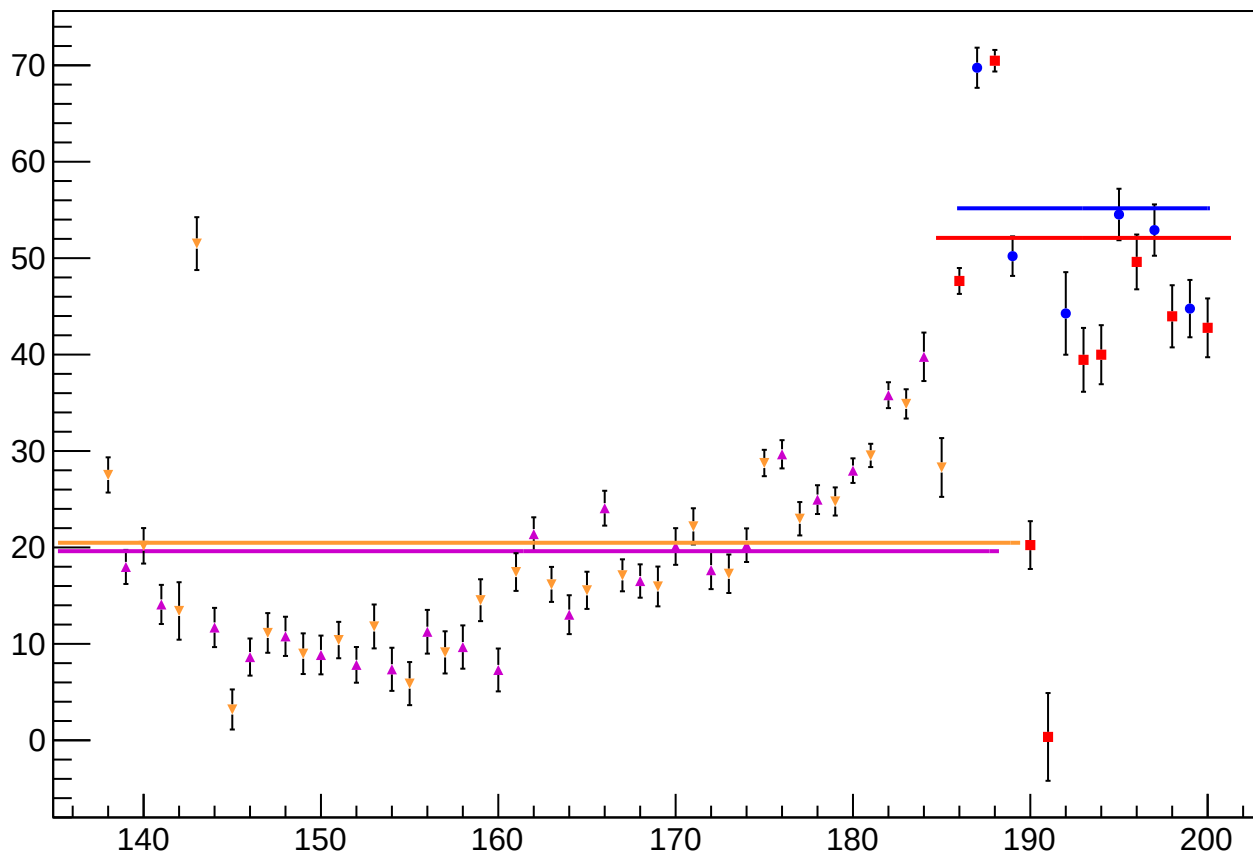
Left In: -18.135 ± 0.016 χ^2/NDF : 245650.3/22

+ sign -18.788 ± 0.014 χ^2/NDF : 794431.3/47

All: -18.904 ± 0.010 χ^2/NDF : 1538304.3/97

- sign -19.016 ± 0.014 χ^2/NDF : 743745.6/49

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 55.171 $\pm$ 1.044 χ^2 /NDF: 74.4/5

Left Out: 20.485 $\pm$ 0.374 χ^2 /NDF:615.7/24

Right Out: 52.101 $\pm$ 0.692 χ^2 /NDF: 622.1/8

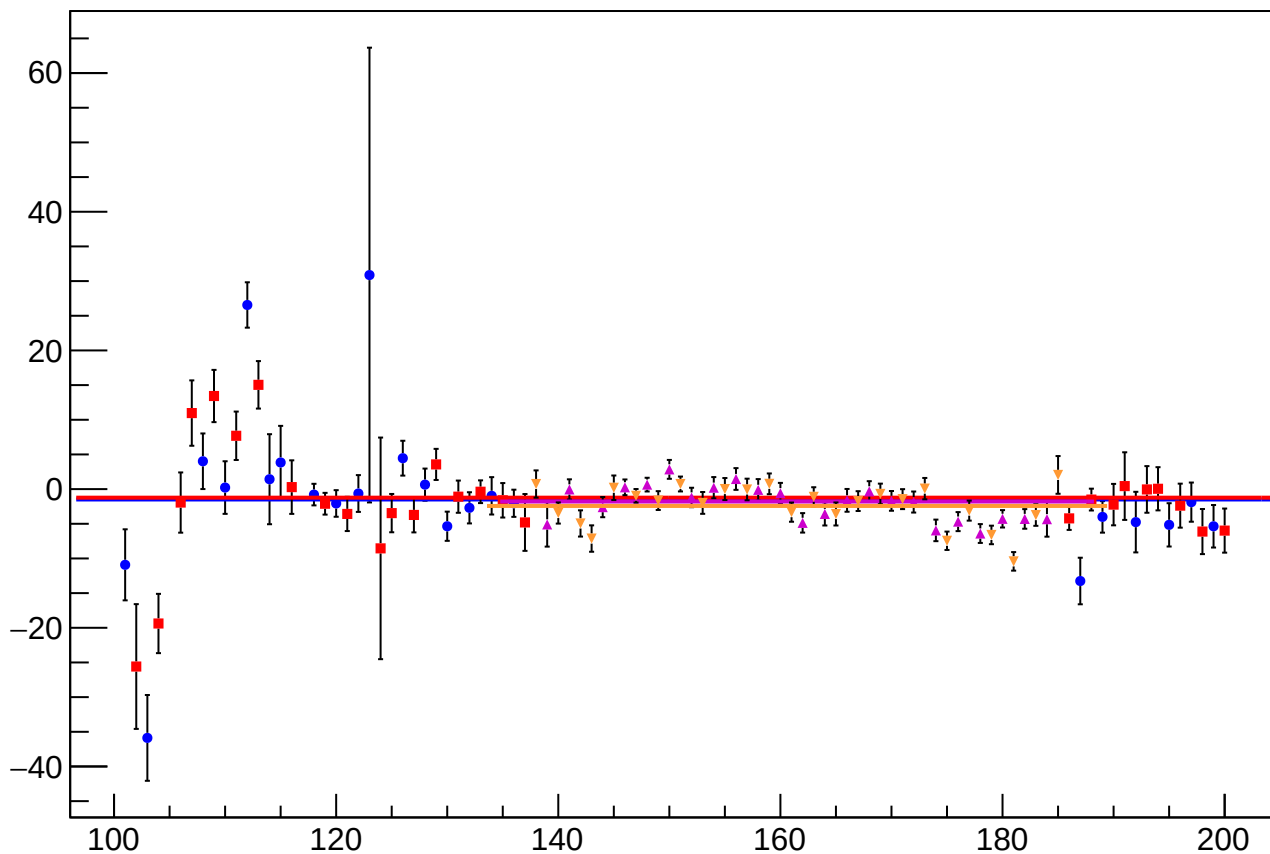
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22

+ sign 24.425 $\pm$ 0.352 χ^2 /NDF: 1668.8/30

All: 25.840 $\pm$ 0.241 χ^2 /NDF: 4591.8/62

- sign 27.103 $\pm$ 0.332 χ^2 /NDF: 2892.3/31

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.495 ± 0.576 χ^2/NDF : 139.7/22

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -1.234 ± 0.519 χ^2/NDF : 93.6/26

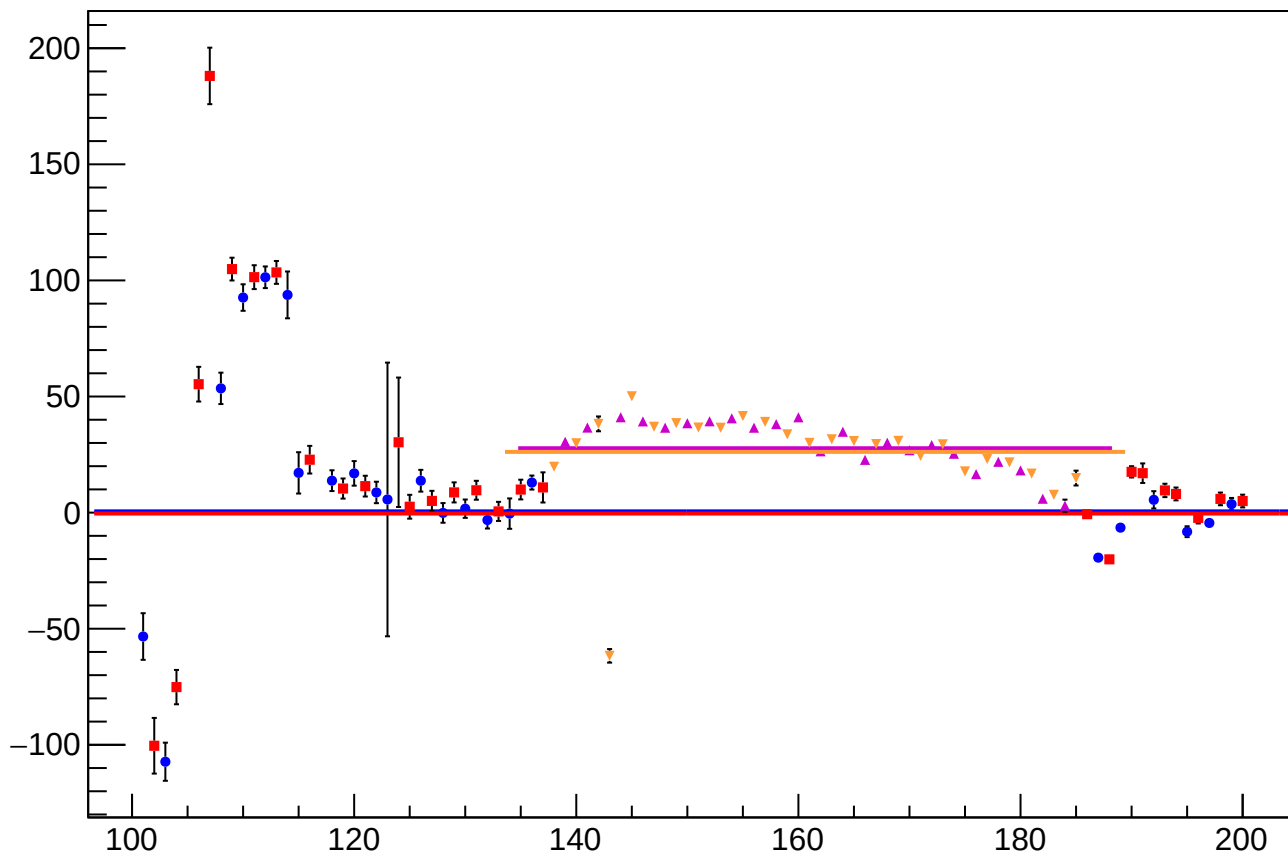
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.237 ± 0.261 χ^2/NDF : 245.5/47

All: -1.943 ± 0.184 χ^2/NDF : 412.6/97

- sign -1.651 ± 0.261 χ^2/NDF : 164.5/49

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 0.543 ± 0.720 χ^2/NDF : 1300.8/22

Left Out: 26.164 ± 0.373 χ^2/NDF : 1577.6/24

Right Out: -0.392 ± 0.523 χ^2/NDF : 2396.1/26

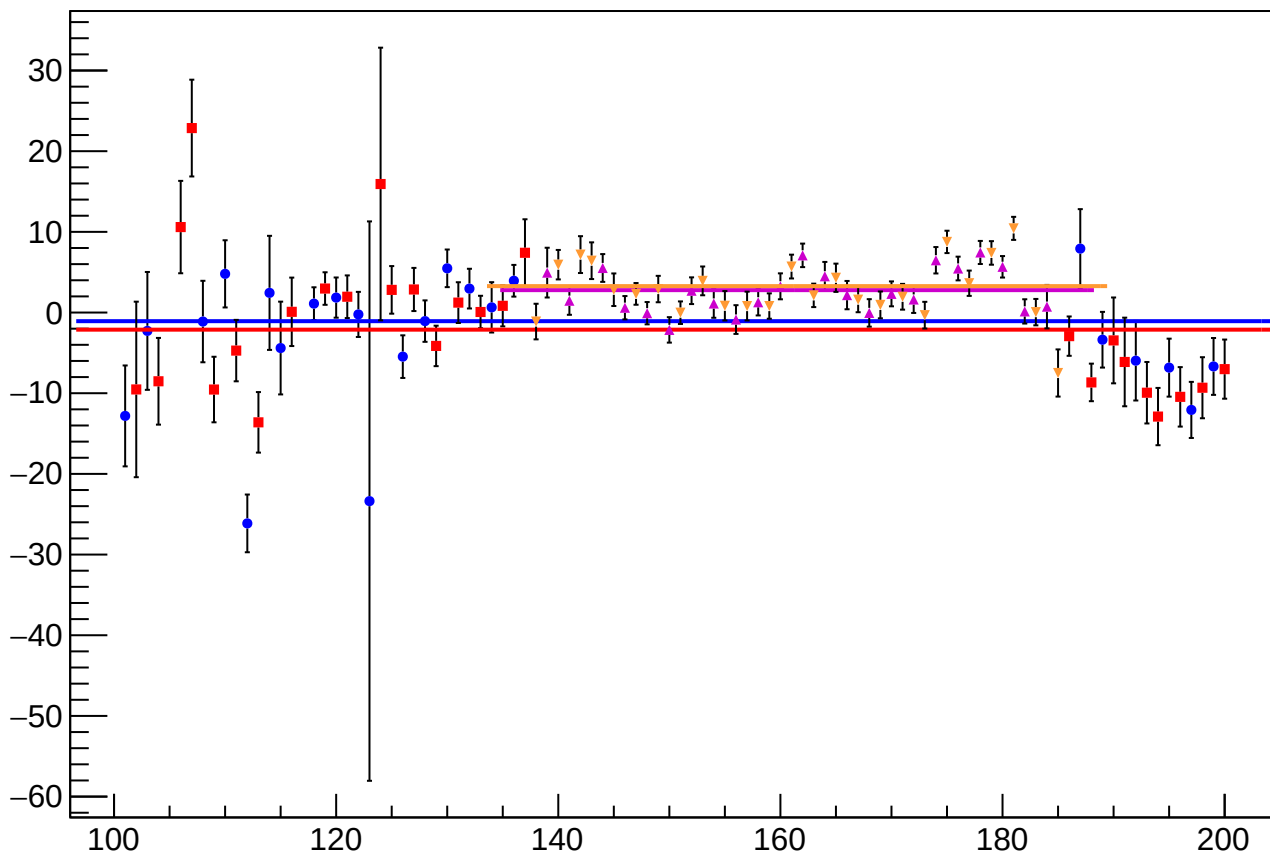
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 20.752 ± 0.331 χ^2/NDF : 3875.9/47

All: 19.330 ± 0.225 χ^2/NDF : 9015.1/97

- sign 18.118 ± 0.306 χ^2/NDF : 5105.0/49

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -1.070 ± 0.672 χ^2/NDF : 98.3/22

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: -2.122 ± 0.624 χ^2/NDF : 96.5/26

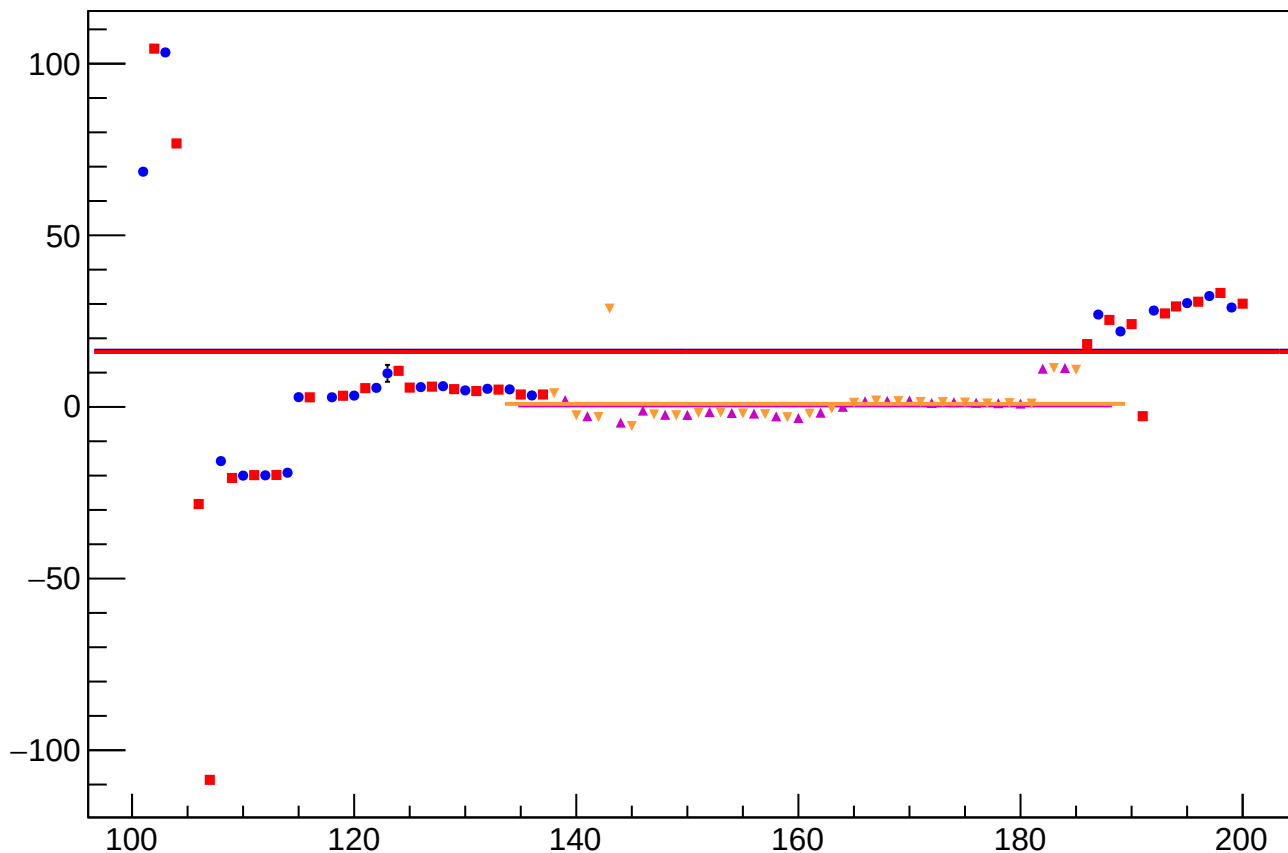
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.422 ± 0.298 χ^2/NDF : 233.7/47

All: 2.040 ± 0.211 χ^2/NDF : 447.6/97

- sign 1.654 ± 0.299 χ^2/NDF : 210.5/49

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 16.384 $\pm$ 0.034 χ^2 /NDF: 456353.1/22

Left Out: 0.898 $\pm$ 0.015 χ^2 /NDF: 108195.0/24

Right Out: 16.007 $\pm$ 0.030 χ^2 /NDF: 690045.1/26

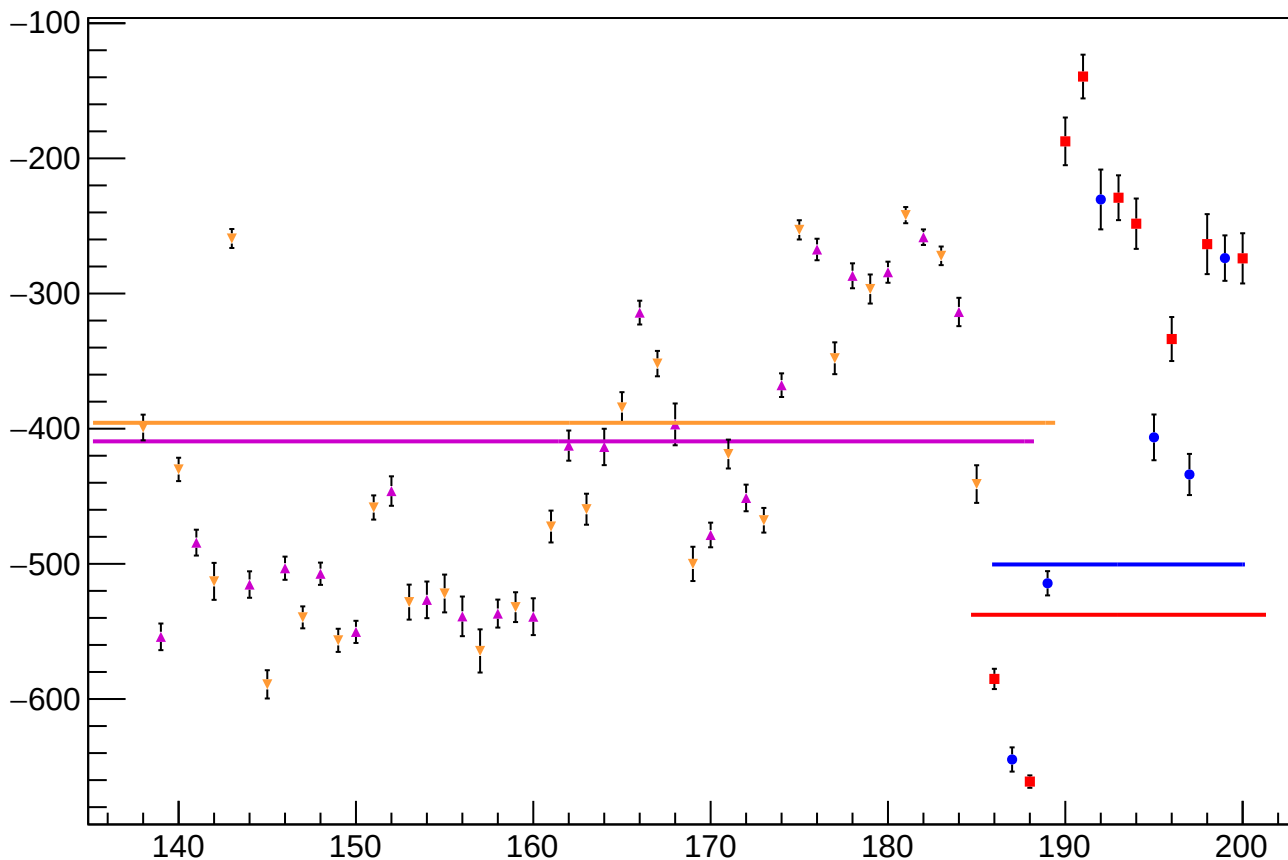
Left In: 0.448 $\pm$ 0.015 χ^2 /NDF: 50533.6/22

+ sign 3.492 $\pm$ 0.014 χ^2 /NDF: 738139.6/47

All: 3.556 $\pm$ 0.010 χ^2 /NDF: 1687888.9/97

- sign 3.618 $\pm$ 0.014 χ^2 /NDF: 949707.6/49

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -500.446 ± 5.114 χ^2/NDF : 642.1/5

Left Out: -395.638 ± 1.909 χ^2/NDF : 3704.0/24

Right Out: -537.674 ± 3.382 χ^2/NDF : 2860.3/8

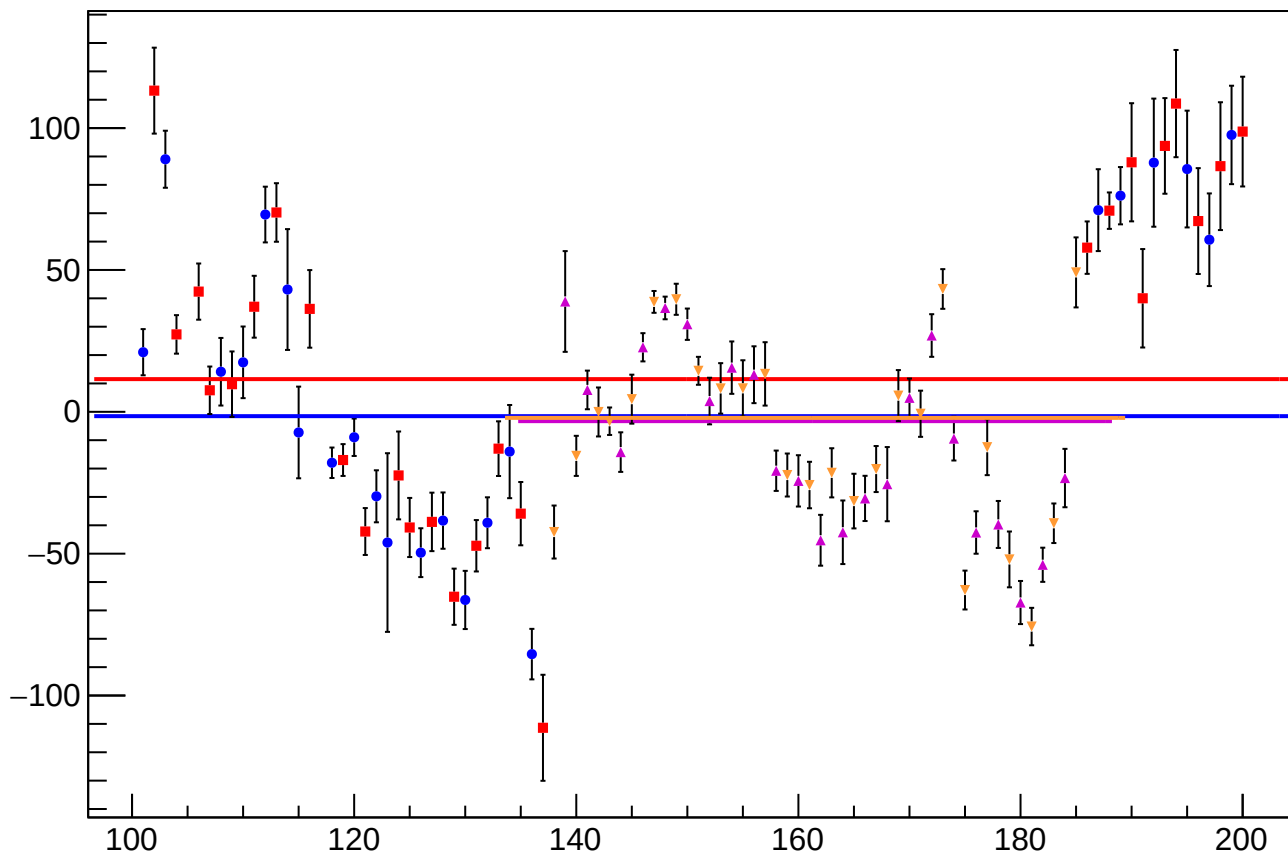
Left In: -409.377 ± 1.971 χ^2/NDF : 3096.1/22

+ sign -408.455 ± 1.788 χ^2/NDF : 4714.7/30

All: -426.001 ± 1.233 χ^2/NDF : 11928.8/62

- sign -441.912 ± 1.703 χ^2/NDF : 7030.5/31

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -1.529 ± 2.165 $\chi^2/\text{NDF}: 528.9/22$

Left Out: -2.133 ± 1.435 $\chi^2/\text{NDF}: 562.8/24$

Right Out: 11.525 ± 2.000 $\chi^2/\text{NDF}: 610.8/26$

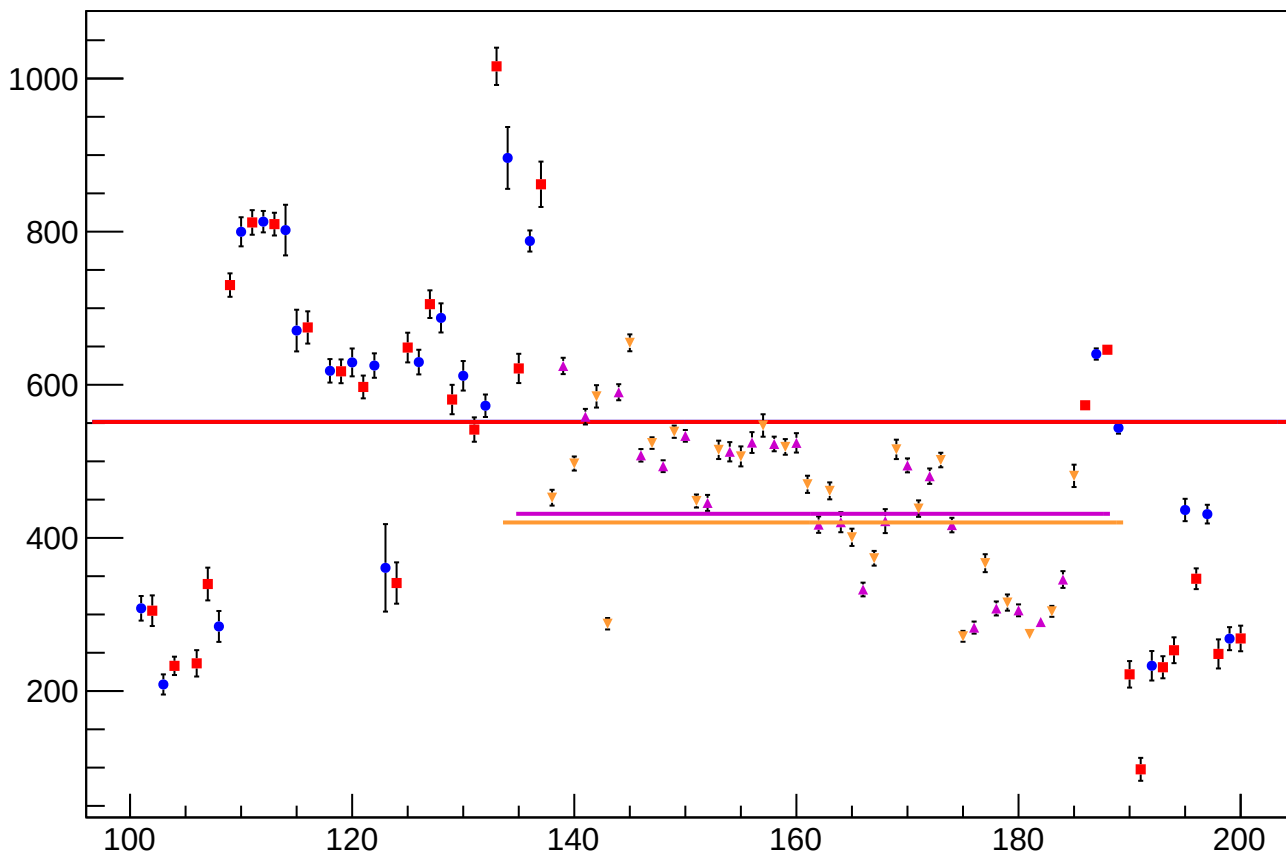
Left In: -3.290 ± 1.517 $\chi^2/\text{NDF}: 454.5/22$

+ sign -1.949 ± 1.196 $\chi^2/\text{NDF}: 1091.7/47$

All: 0.064 ± 0.850 $\chi^2/\text{NDF}: 2197.5/97$

- sign 2.118 ± 1.209 $\chi^2/\text{NDF}: 1100.1/49$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 551.641 ± 3.040 χ^2/NDF : 3136.7/22

Left Out: 420.181 ± 1.916 χ^2/NDF : 3241.0/24

Right Out: 551.469 ± 2.311 χ^2/NDF : 6225.0/26

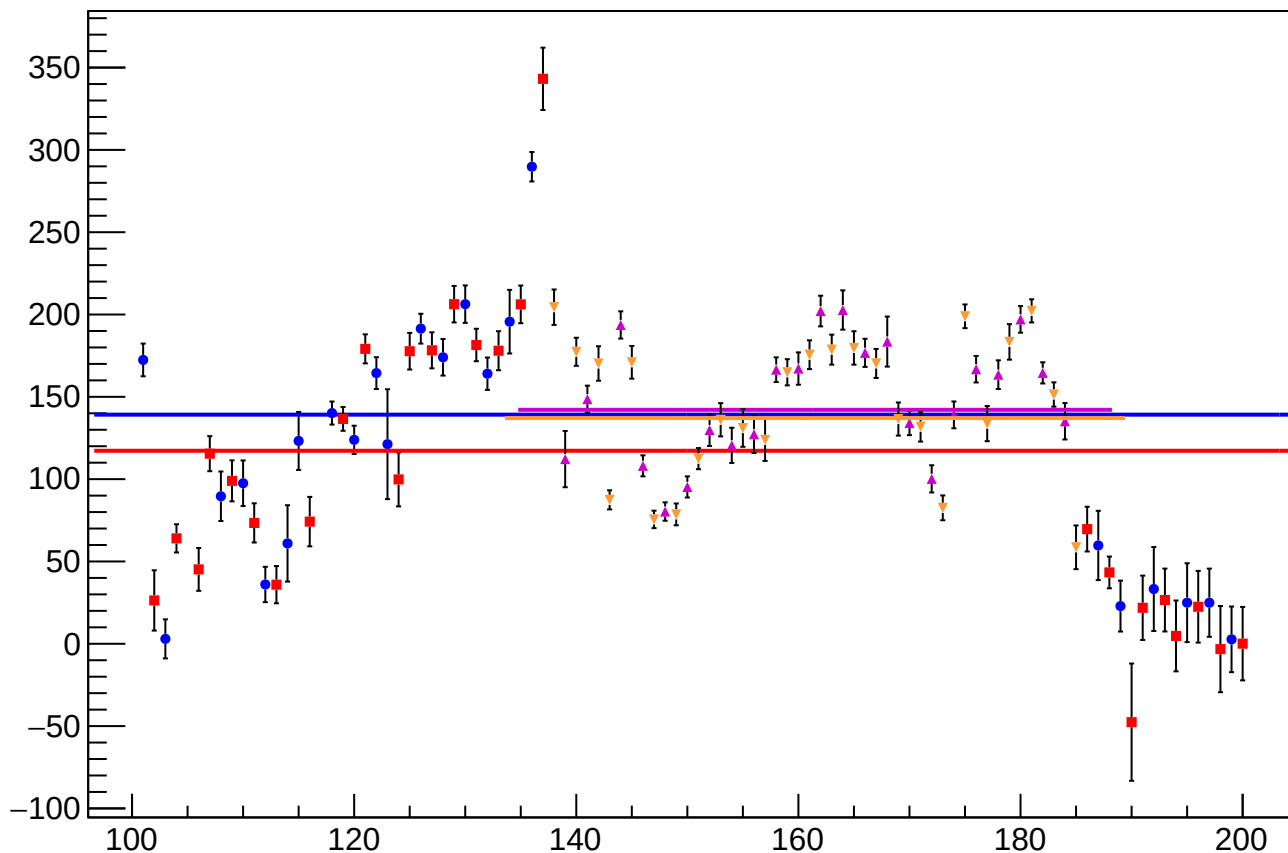
Left In: 431.487 ± 1.964 χ^2/NDF : 2897.1/22

+ sign 457.546 ± 1.621 χ^2/NDF : 7716.3/47

All: 470.633 ± 1.100 χ^2/NDF : 18524.1/97

- sign 481.795 ± 1.497 χ^2/NDF : 10687.0/49

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 139.181 ± 2.545 $\chi^2/\text{NDF}: 842.1/22$

Left Out: 137.107 ± 1.663 $\chi^2/\text{NDF}: 738.9/24$

Right Out: 117.246 ± 2.388 $\chi^2/\text{NDF}: 857.9/26$

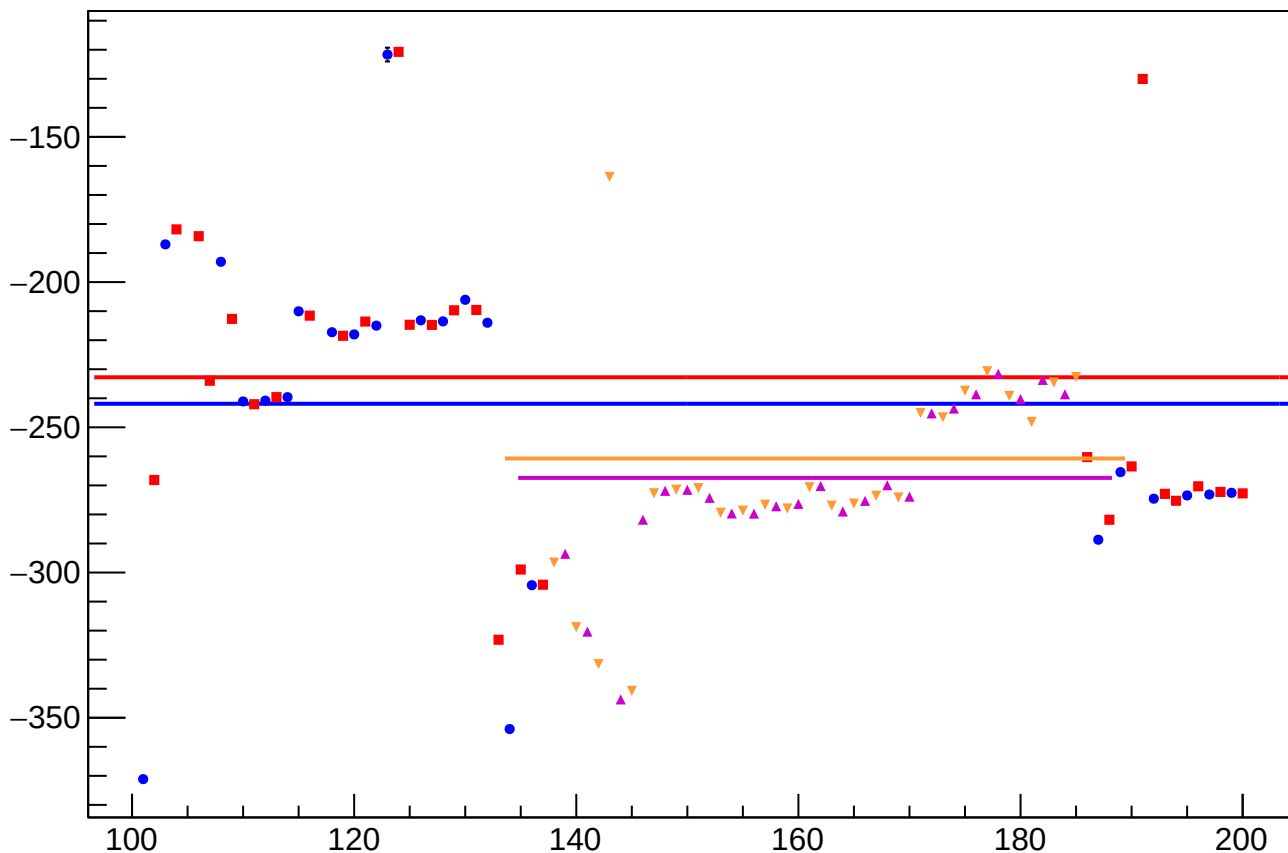
Left In: 142.123 ± 1.740 $\chi^2/\text{NDF}: 463.8/22$

+ sign 137.728 ± 1.392 $\chi^2/\text{NDF}: 1581.5/47$

All: 135.633 ± 0.989 $\chi^2/\text{NDF}: 2978.6/97$

- sign 133.495 ± 1.406 $\chi^2/\text{NDF}: 1392.5/49$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -241.890 ± 0.133 $\chi^2/\text{NDF}: 158663.3/22$

Left Out: -260.729 ± 0.080 $\chi^2/\text{NDF}: 220125.6/24$

Right Out: -232.769 ± 0.119 $\chi^2/\text{NDF}: 162049.3/26$

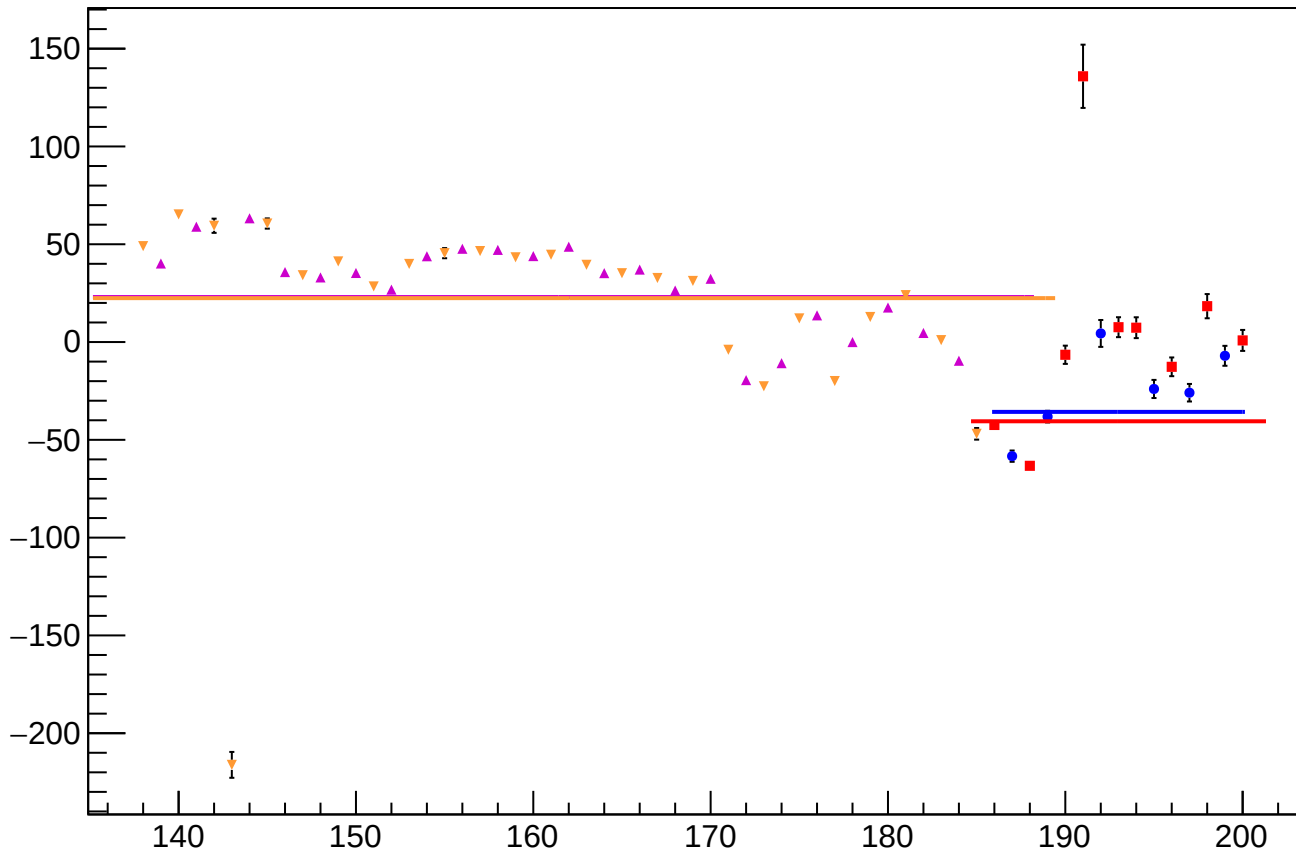
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -255.764 ± 0.068 $\chi^2/\text{NDF}: 393573.2/47$

All: -256.082 ± 0.048 $\chi^2/\text{NDF}: 712293.0/97$

- sign -256.390 ± 0.067 $\chi^2/\text{NDF}: 318677.0/49$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -35.708 ± 1.605 $\chi^2/\text{NDF}: 139.0/5$

Left Out: 22.446 ± 0.399 $\chi^2/\text{NDF}: 4935.8/24$

Right Out: -40.520 ± 1.017 $\chi^2/\text{NDF}: 739.8/8$

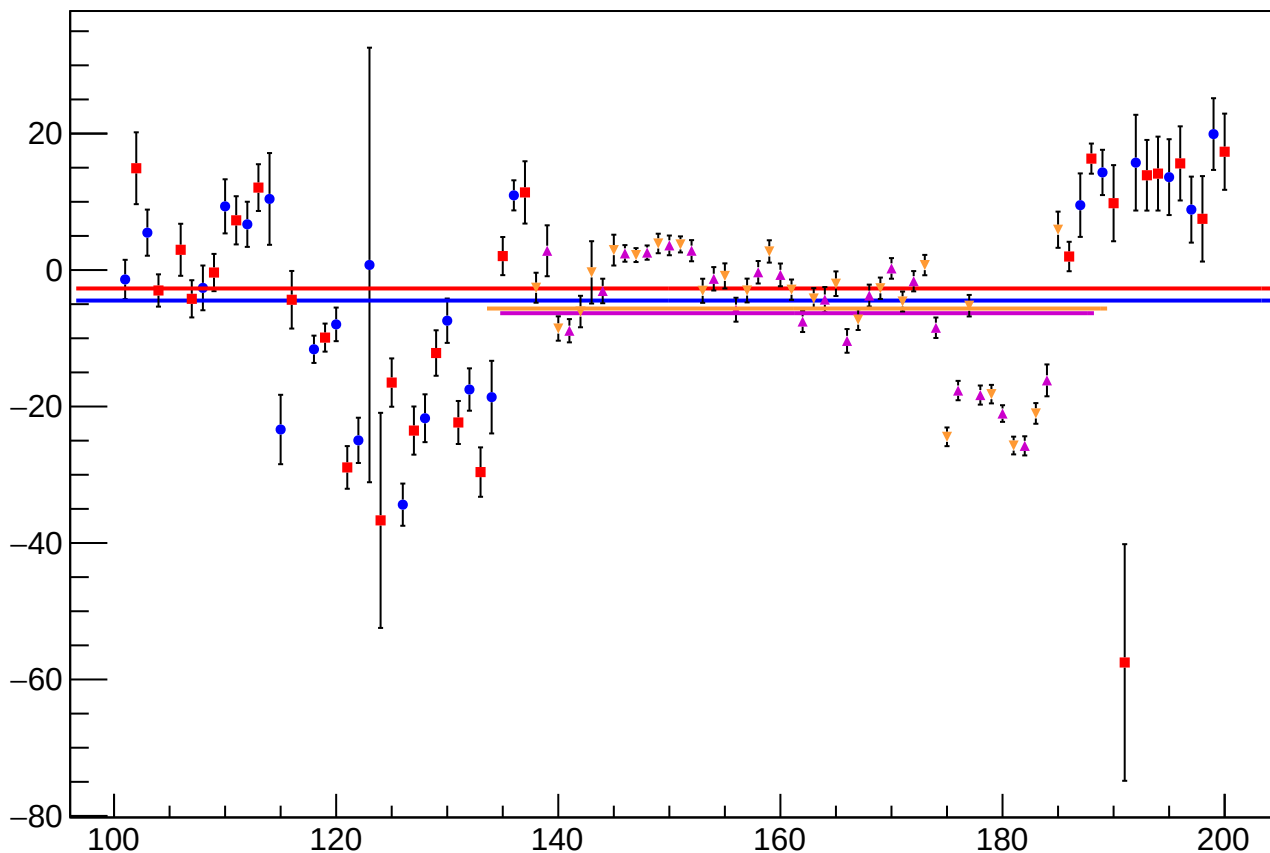
Left In: 23.019 ± 0.400 $\chi^2/\text{NDF}: 2819.9/22$

+ sign 19.062 ± 0.387 $\chi^2/\text{NDF}: 6311.9/30$

All: 16.699 ± 0.268 $\chi^2/\text{NDF}: 13324.3/62$

- sign 14.515 ± 0.372 $\chi^2/\text{NDF}: 6940.7/31$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -4.471 ± 0.722 χ^2/NDF : 386.6/22

Left Out: -5.639 ± 0.316 χ^2/NDF : 891.5/24

Right Out: -2.700 ± 0.654 χ^2/NDF : 433.9/26

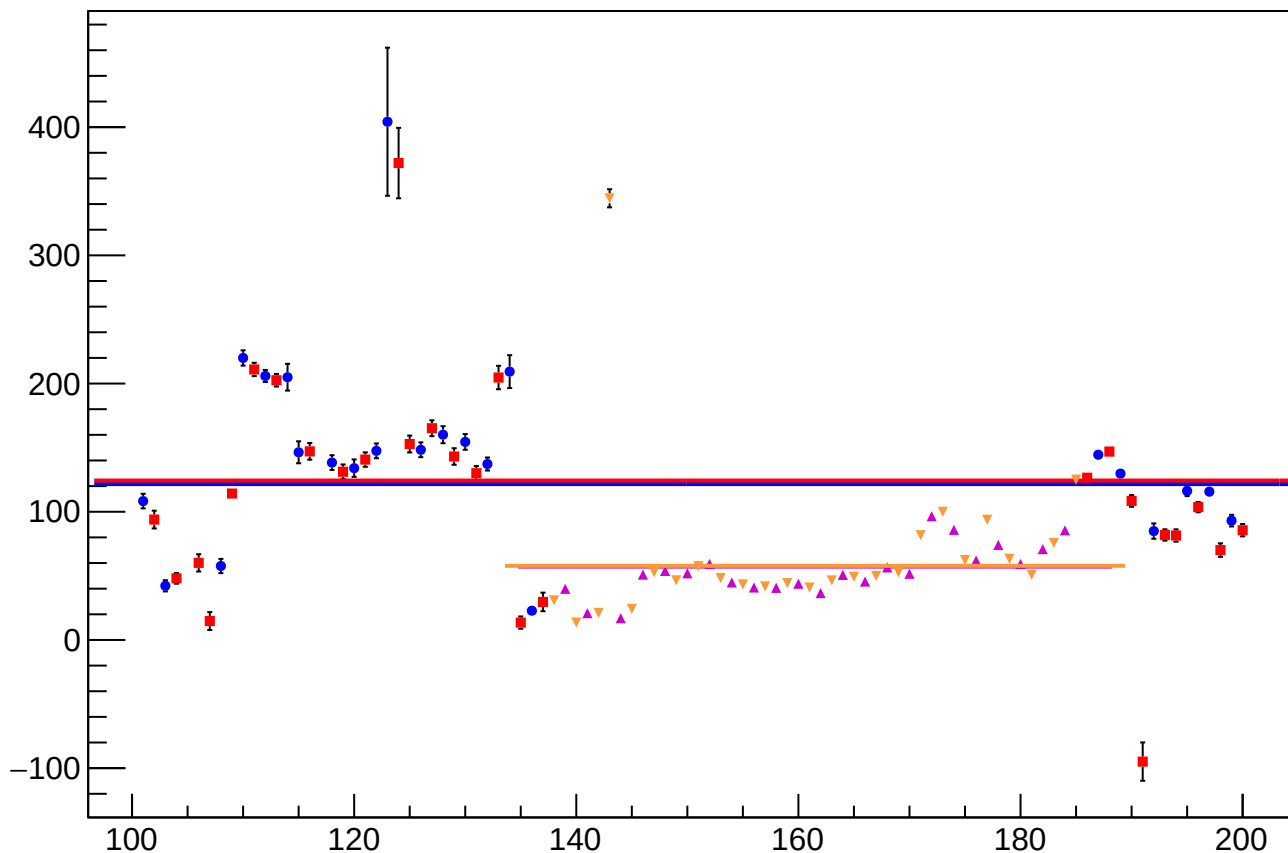
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ sign -5.451 ± 0.289 χ^2/NDF : 1280.4/47

All: -5.537 ± 0.204 χ^2/NDF : 2523.6/97

- sign -5.623 ± 0.288 χ^2/NDF : 1243.0/49

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 121.577 $\pm$ 0.975 χ^2 /NDF: 2355.2/22

Left Out: 57.816 $\pm$ 0.398 χ^2 /NDF:4331.5/24

Right Out: 124.349 $\pm$ 0.713 χ^2 /NDF: 3111.2/26

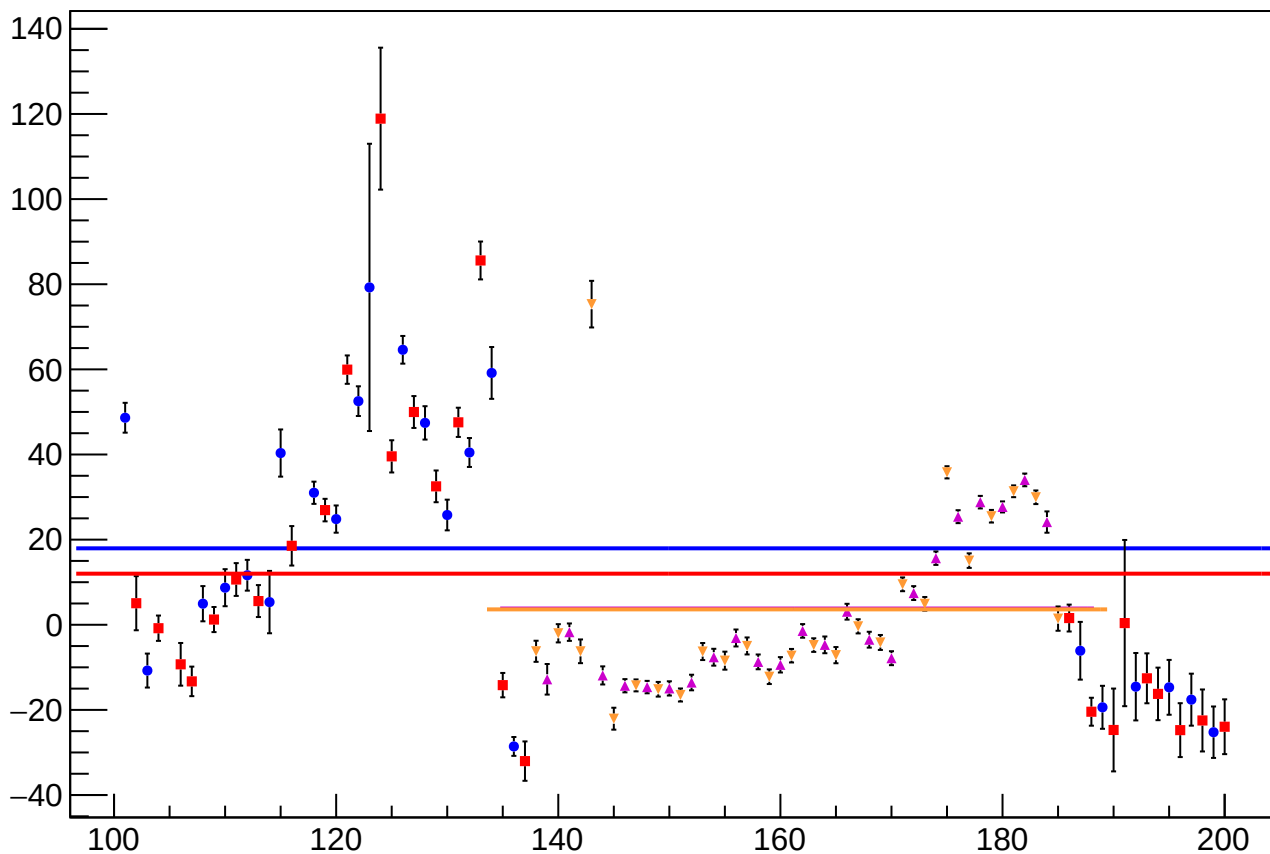
Left In: 57.226 $\pm$ 0.398 χ^2 /NDF:1860.6/22

+ sign 66.924 $\pm$ 0.368 χ^2 /NDF: 10352.7/47

All: 70.237 $\pm$ 0.253 χ^2 /NDF: 22237.3/97

- sign 73.184 $\pm$ 0.348 χ^2 /NDF: 11731.9/49

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 17.957 $\pm$ 0.839 χ^2 /NDF: 1289.6/22

Left Out: 3.615 $\pm$ 0.357 χ^2 /NDF: 2501.2/24

Right Out: 12.003 $\pm$ 0.780 χ^2 /NDF: 1378.9/26

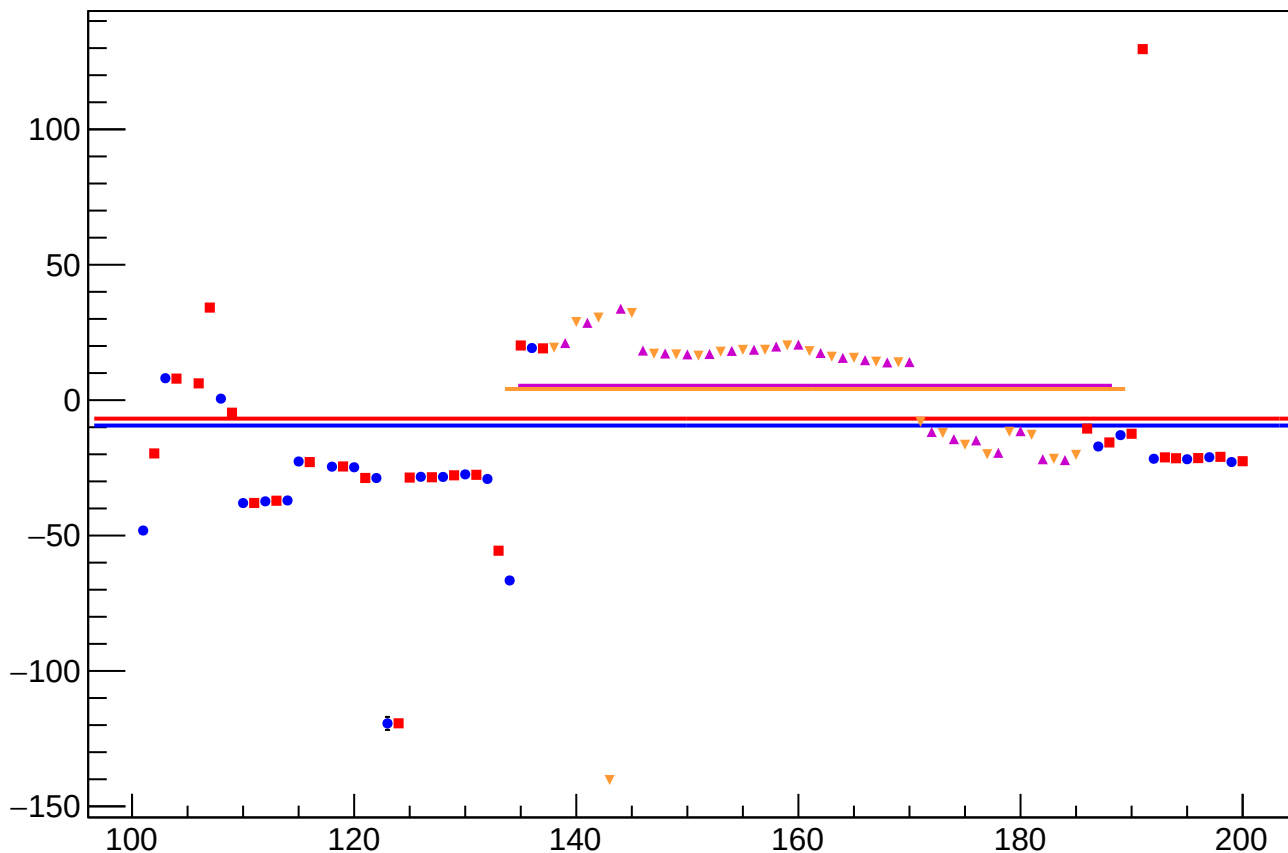
Left In: 3.812 $\pm$ 0.361 χ^2 /NDF: 2203.5/22

+ sign 5.810 $\pm$ 0.328 χ^2 /NDF: 4038.2/47

All: 5.532 $\pm$ 0.232 χ^2 /NDF: 7712.9/97

- sign 5.255 $\pm$ 0.327 χ^2 /NDF: 3673.2/49

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -9.380 ± 0.041 χ^2/NDF : 285952.0/22

Left Out: 4.121 ± 0.016 χ^2/NDF : 1340176.5/24

Right Out: -6.823 ± 0.038 χ^2/NDF : 370625.4/26

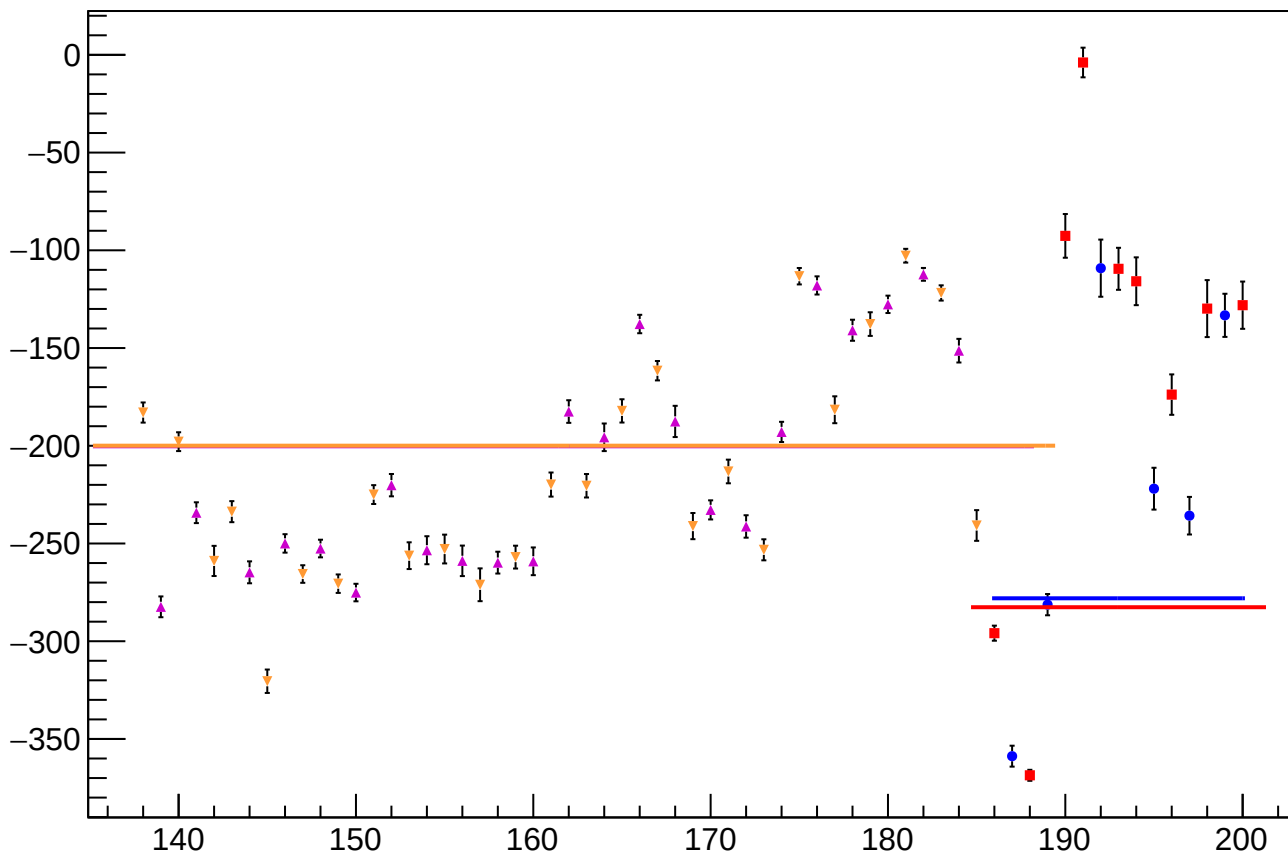
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 2.263 ± 0.015 χ^2/NDF : 1719745.5/47

All: 2.850 ± 0.011 χ^2/NDF : 3268260.8/97

- sign 3.424 ± 0.015 χ^2/NDF : 1545568.5/49

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -278.034 ± 3.145 χ^2/NDF : 580.1/5

Left Out: -199.957 ± 1.082 χ^2/NDF : 3220.5/24

Right Out: -282.603 ± 1.979 χ^2/NDF : 3413.8/8

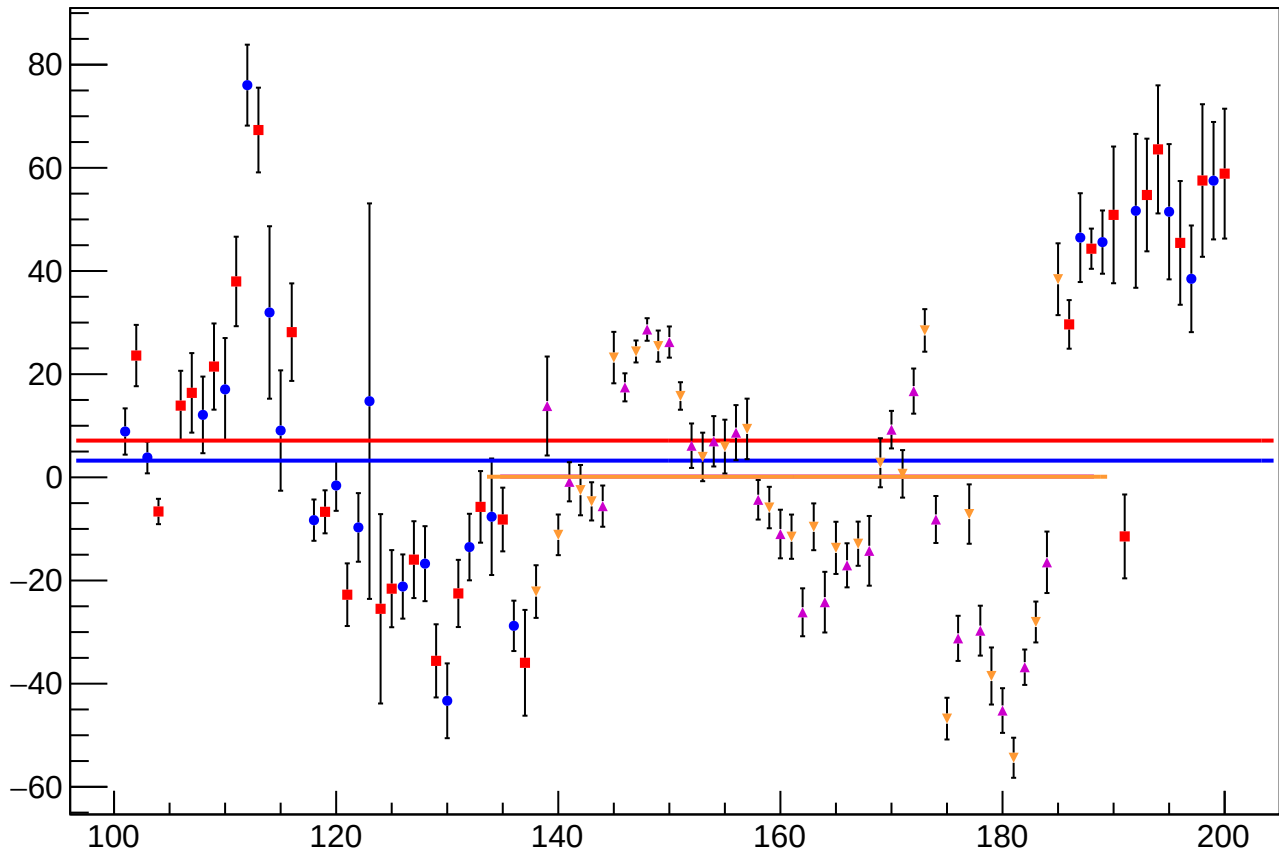
Left In: -200.276 ± 1.093 χ^2/NDF : 3013.8/22

+ sign -208.216 ± 1.023 χ^2/NDF : 4351.9/30

All: -214.247 ± 0.699 χ^2/NDF : 12170.6/62

- sign -219.528 ± 0.957 χ^2/NDF : 7753.5/31

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 3.240 ± 1.357 $\chi^2/\text{NDF}: 353.7/22$

Left Out: 0.116 ± 0.810 $\chi^2/\text{NDF}: 830.1/24$

Right Out: 7.125 ± 1.218 $\chi^2/\text{NDF}: 470.9/26$

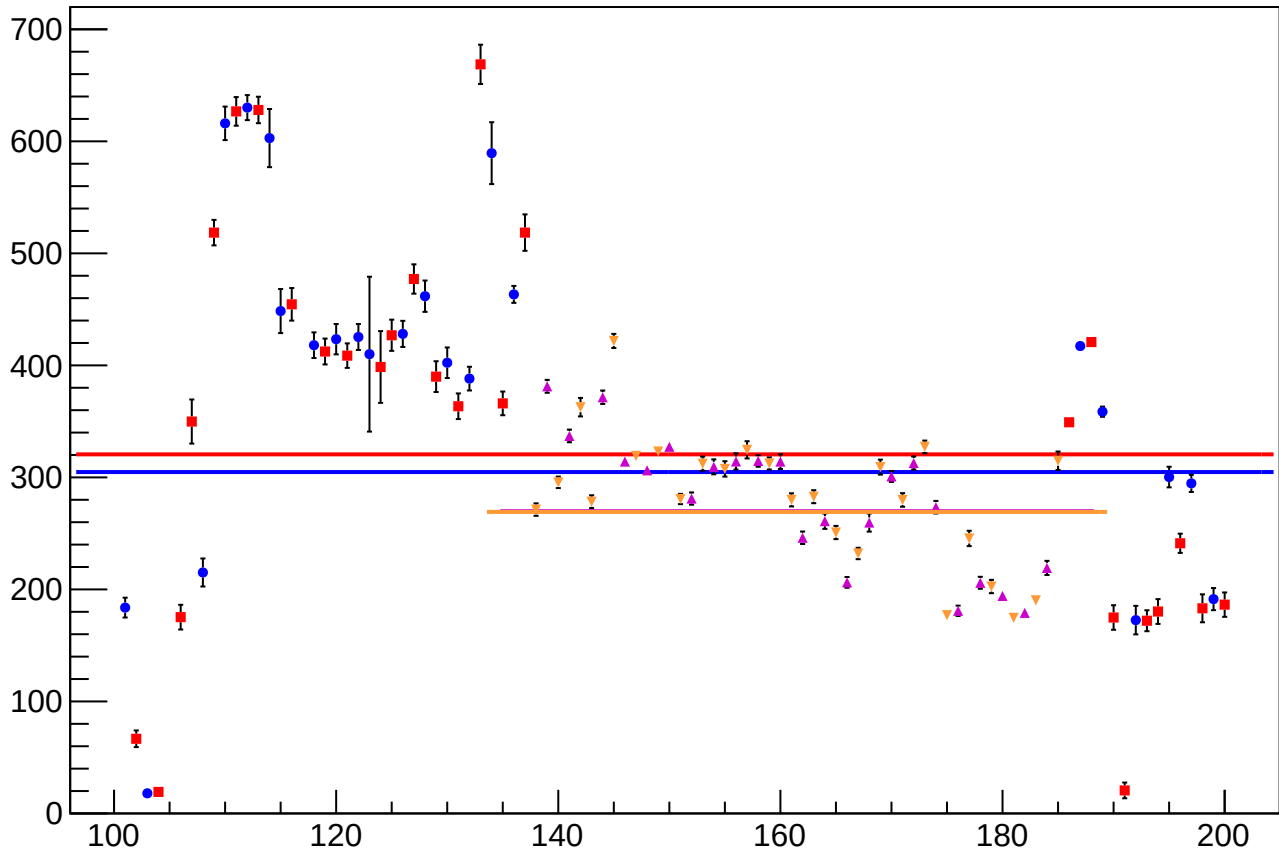
Left In: 0.153 ± 0.836 $\chi^2/\text{NDF}: 719.6/22$

+ sign 0.937 ± 0.696 $\chi^2/\text{NDF}: 1187.7/47$

All: 1.668 ± 0.490 $\chi^2/\text{NDF}: 2402.7/97$

- sign 2.386 ± 0.689 $\chi^2/\text{NDF}: 1212.8/49$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 304.773 ± 1.801 χ^2/NDF : 8936.4/22

Left Out: 269.181 ± 1.081 χ^2/NDF : 3148.5/24

Right Out: 320.553 ± 1.357 χ^2/NDF : 13548.4/26

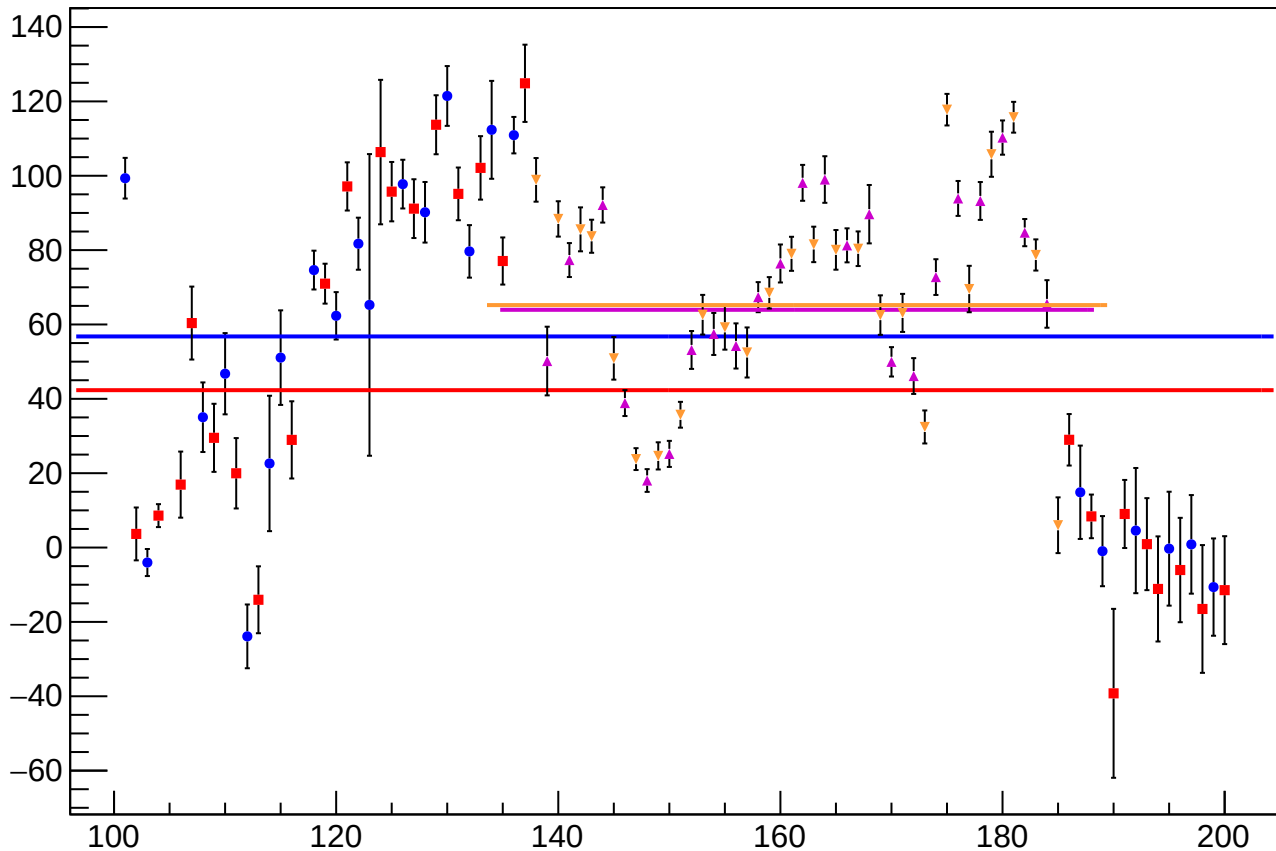
Left In: 269.798 ± 1.087 χ^2/NDF : 3234.9/22

+ sign 278.608 ± 0.927 χ^2/NDF : 12372.1/47

All: 284.606 ± 0.626 χ^2/NDF : 30084.4/97

- sign 289.633 ± 0.848 χ^2/NDF : 17635.3/49

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 56.781 ± 1.597 $\chi^2/\text{NDF}: 850.8/22$

Left Out: 65.214 ± 0.938 $\chi^2/\text{NDF}: 1005.7/24$

Right Out: 42.328 ± 1.478 $\chi^2/\text{NDF}: 807.6/26$

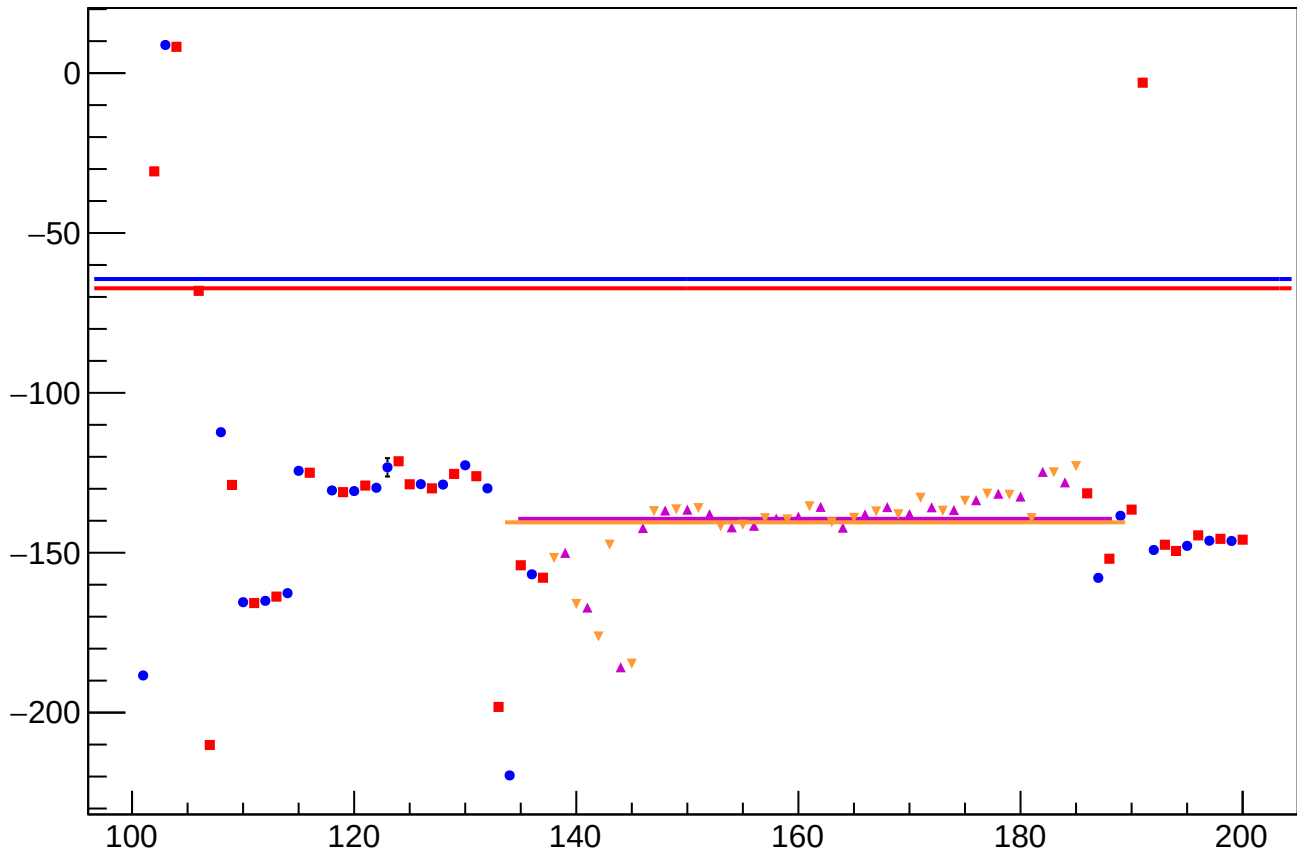
Left In: 63.944 ± 0.961 $\chi^2/\text{NDF}: 803.4/22$

+ sign 63.051 ± 0.809 $\chi^2/\text{NDF}: 1877.2/47$

All: 60.277 ± 0.571 $\chi^2/\text{NDF}: 3661.9/97$

- sign 57.527 ± 0.805 $\chi^2/\text{NDF}: 1761.3/49$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -64.396 $\pm$ 0.066 χ^2/NDF : 1434108.0/22

Left Out: -140.489 $\pm$ 0.045 χ^2/NDF : 77350.7/24

Right Out: -67.295 $\pm$ 0.063 χ^2/NDF : 1320945.0/26

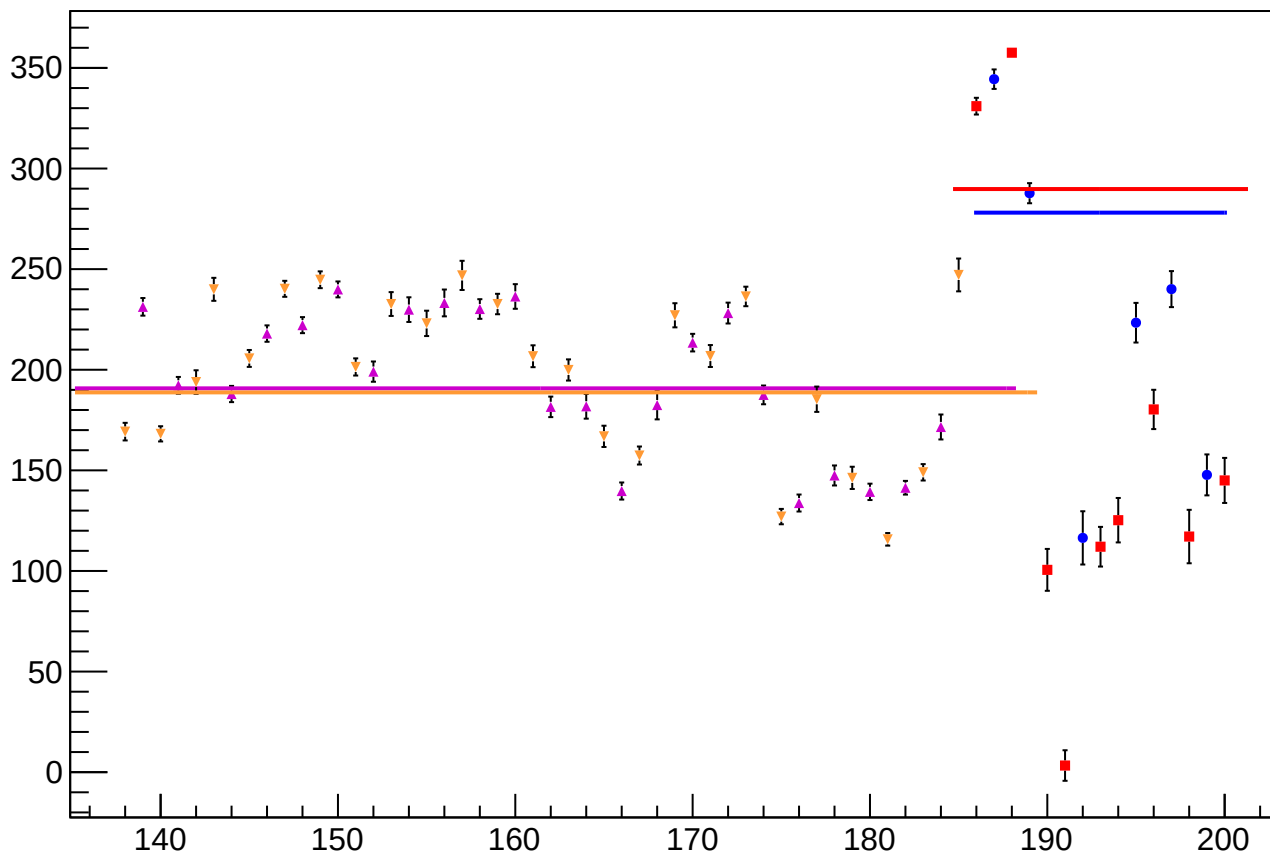
Left In: -139.406 $\pm$ 0.045 χ^2/NDF : 62878.4/22

+ sign -116.587 $\pm$ 0.037 χ^2/NDF : 2422026.5/47

All: -115.874 $\pm$ 0.026 χ^2/NDF : 4675594.8/97

- sign -115.179 $\pm$ 0.037 χ^2/NDF : 2252835.0/49

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 278.075 ± 2.876 $\chi^2/\text{NDF}: 553.6/5$

Left Out: 188.749 ± 0.958 $\chi^2/\text{NDF}: 1968.6/24$

Right Out: 289.804 ± 1.868 $\chi^2/\text{NDF}: 3594.5/8$

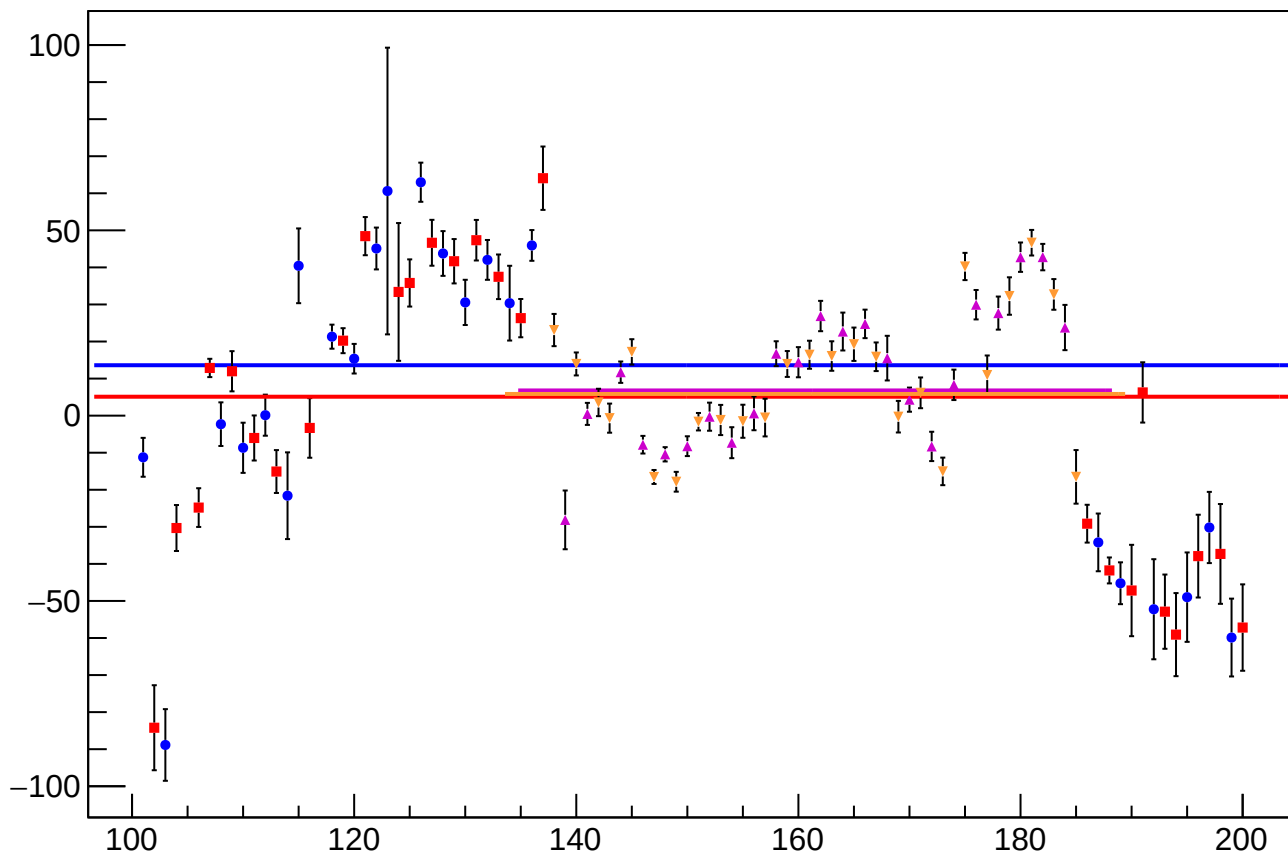
Left In: 190.753 ± 0.971 $\chi^2/\text{NDF}: 1421.8/22$

+ sign 197.672 ± 0.909 $\chi^2/\text{NDF}: 3390.5/30$

All: 205.122 ± 0.625 $\chi^2/\text{NDF}: 10747.1/62$

- sign 211.815 ± 0.862 $\chi^2/\text{NDF}: 7229.1/31$

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 13.603 ± 1.280 χ^2/NDF : 691.7/22

Left Out: 5.851 ± 0.714 χ^2/NDF : 650.6/24

Right Out: 5.106 ± 1.091 χ^2/NDF : 867.8/26

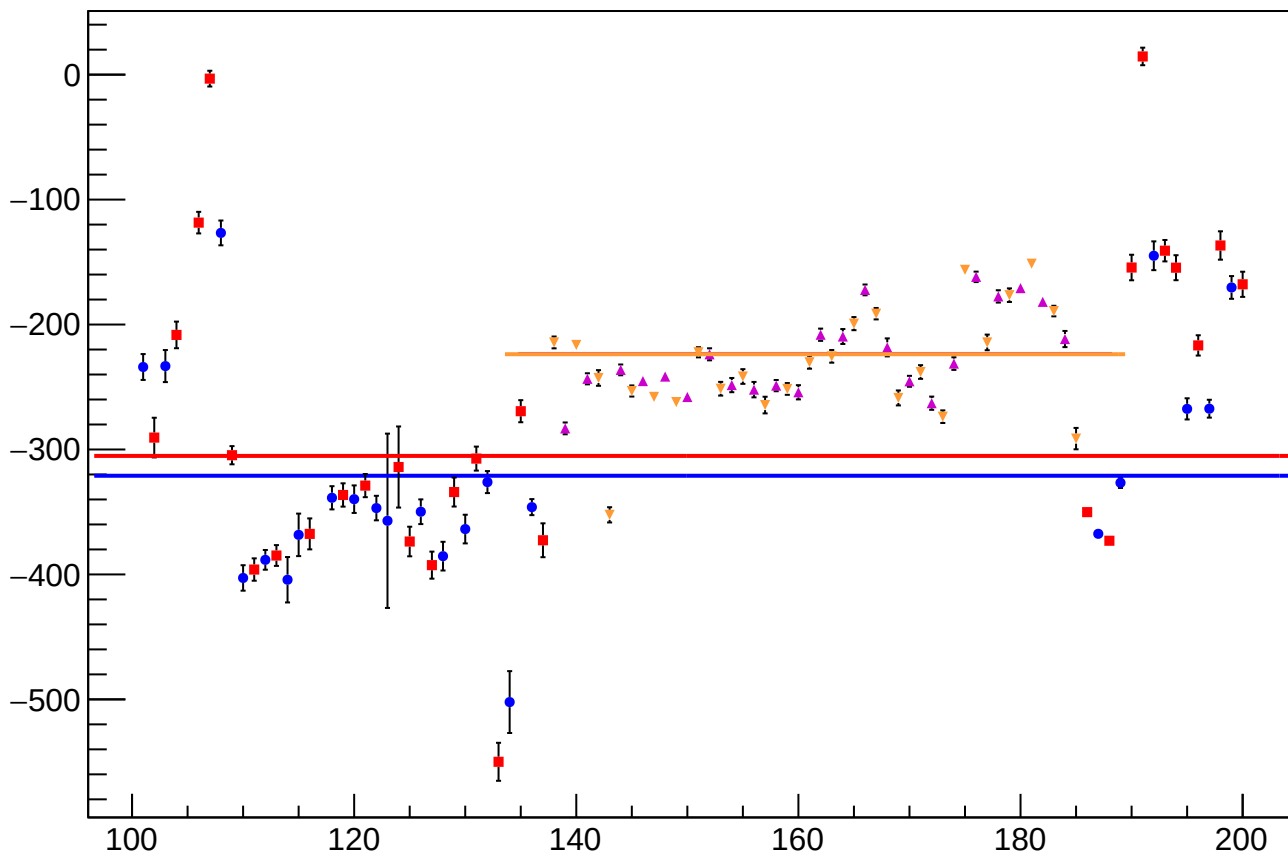
Left In: 6.797 ± 0.735 χ^2/NDF : 525.8/22

+ sign 7.692 ± 0.624 χ^2/NDF : 1370.3/47

All: 6.964 ± 0.436 χ^2/NDF : 2768.2/97

- sign 6.269 ± 0.609 χ^2/NDF : 1395.3/49

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -321.025+/-1.750 χ^2/NDF : 1546.0/22

Left Out: -223.752+/-0.958 χ^2/NDF : 2021.5/24

Right Out: -305.138+/-1.282 χ^2/NDF : 8209.7/26

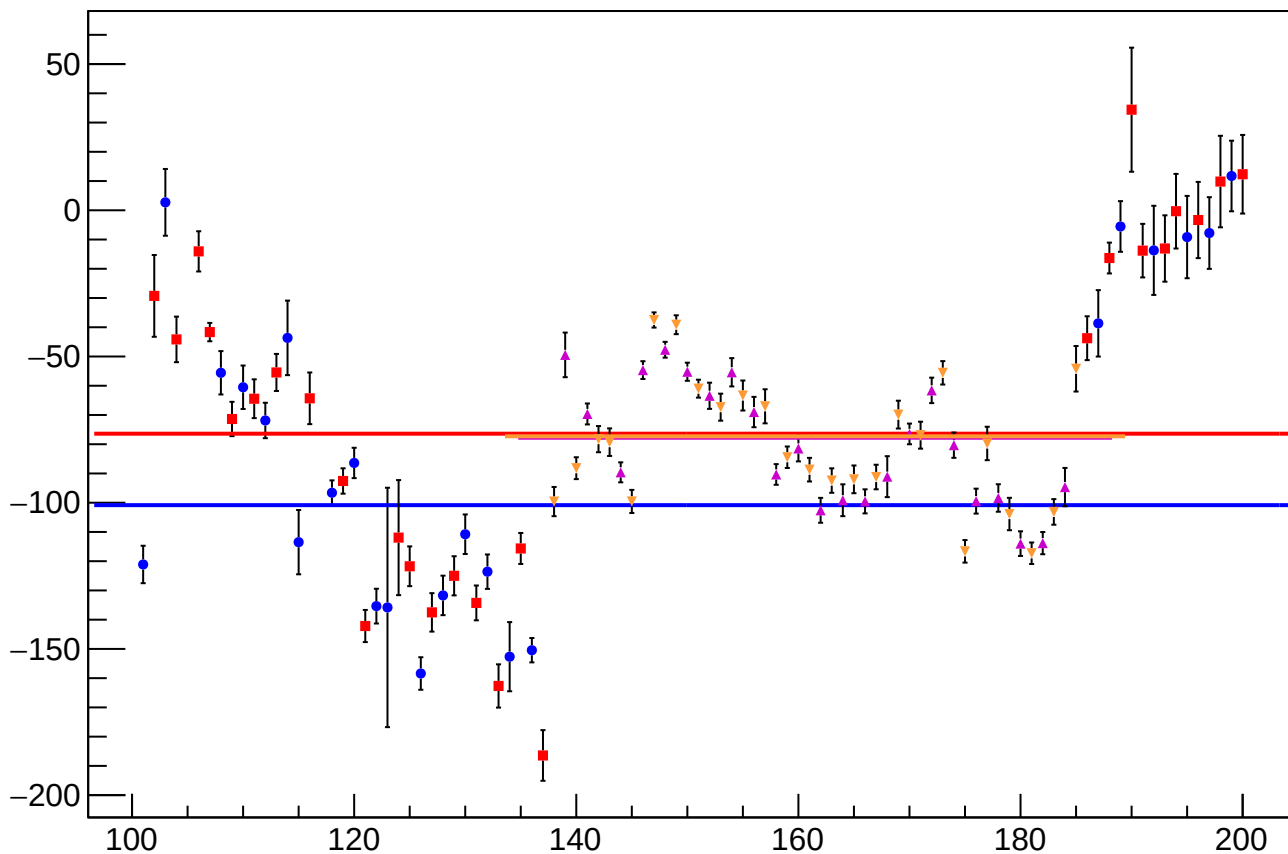
Left In: -223.554+/-0.966 χ^2/NDF : 1286.5/22

+ sign -246.184+/-0.840 χ^2/NDF : 5945.3/47

All: -249.930+/-0.568 χ^2/NDF : 18062.3/97

- sign -253.087+/-0.771 χ^2/NDF : 12080.4/49

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -100.834 ± 1.498 $\chi^2/\text{NDF}: 923.6/22$

Left Out: -77.296 ± 0.829 $\chi^2/\text{NDF}: 844.6/24$

Right Out: -76.395 ± 1.310 $\chi^2/\text{NDF}: 1435.4/26$

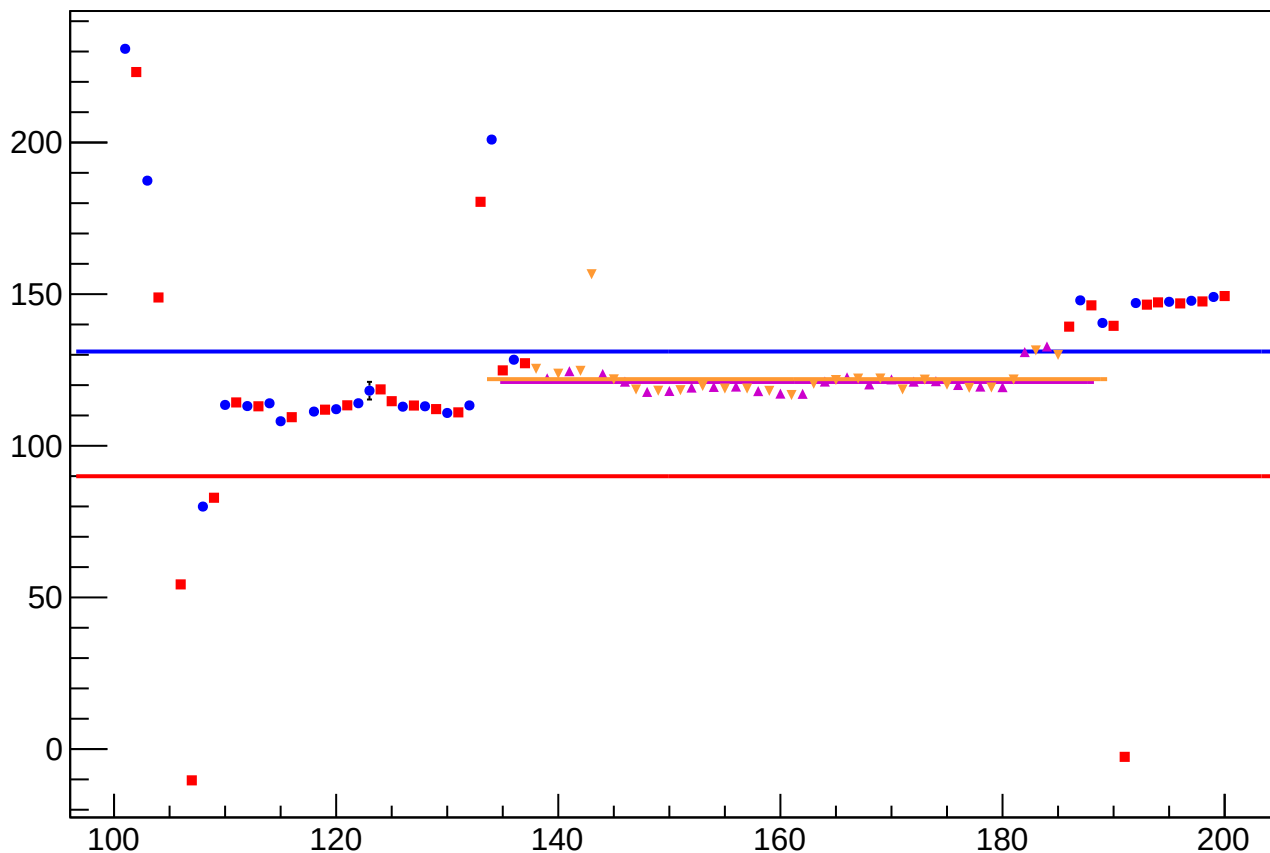
Left In: -77.777 ± 0.847 $\chi^2/\text{NDF}: 624.5/22$

+ sign -82.813 ± 0.725 $\chi^2/\text{NDF}: 1957.3/47$

All: -80.039 ± 0.508 $\chi^2/\text{NDF}: 4046.7/97$

- sign -77.370 ± 0.711 $\chi^2/\text{NDF}: 2060.7/49$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 131.085 ± 0.080 χ^2/NDF : 197921.0/22

Left Out: 121.972 ± 0.039 χ^2/NDF : 27431.1/24

Right Out: 89.964 ± 0.064 χ^2/NDF : 1059525.4/26

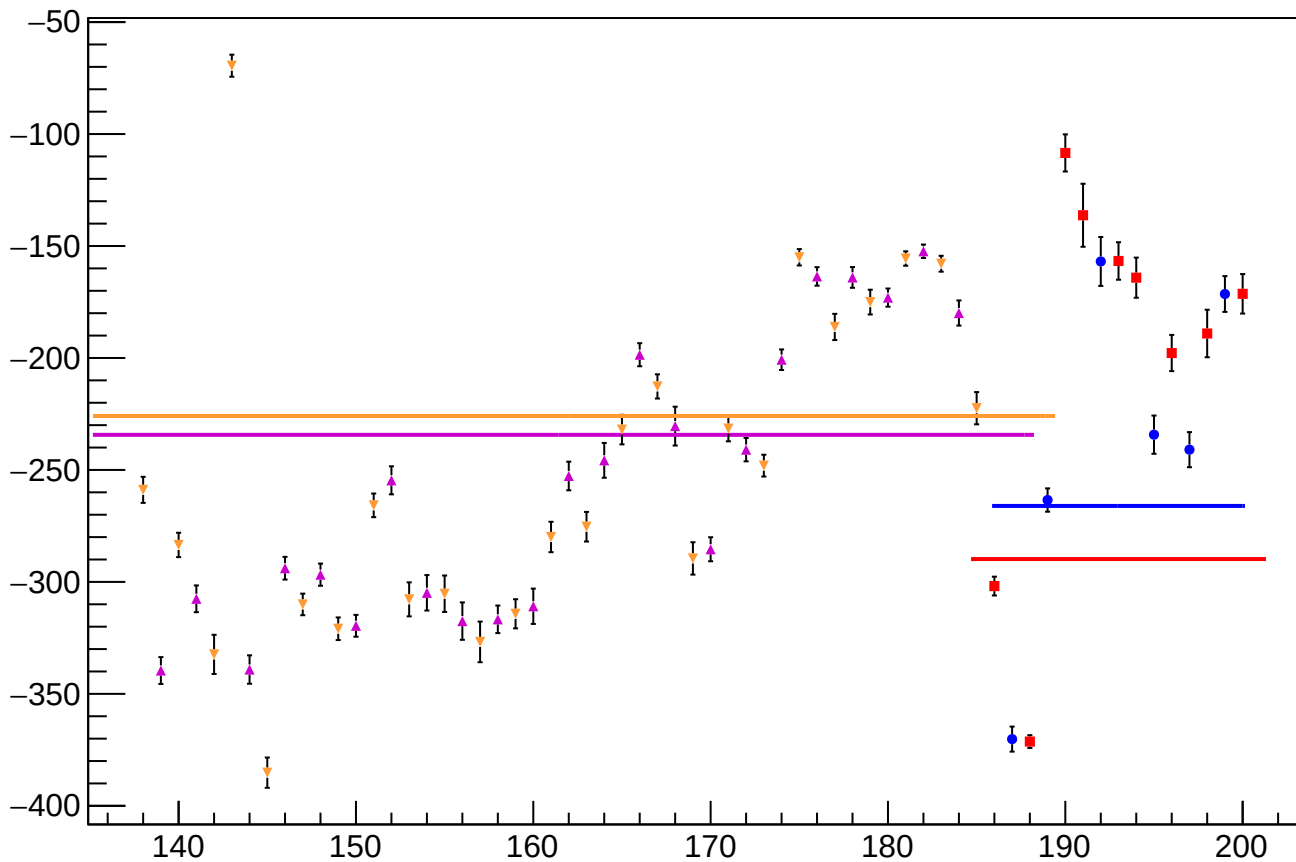
Left In: 121.045 ± 0.040 χ^2/NDF : 7903.5/22

+ sign 123.774 ± 0.035 χ^2/NDF : 235875.6/47

All: 117.861 ± 0.024 χ^2/NDF : 1526279.1/97

- sign 112.499 ± 0.034 χ^2/NDF : 1237136.7/49

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -266.076 ± 2.852 χ^2/NDF : 612.3/5

Left Out: -225.905 ± 1.083 χ^2/NDF : 4669.2/24

Right Out: -289.801 ± 1.951 χ^2/NDF : 2271.5/8

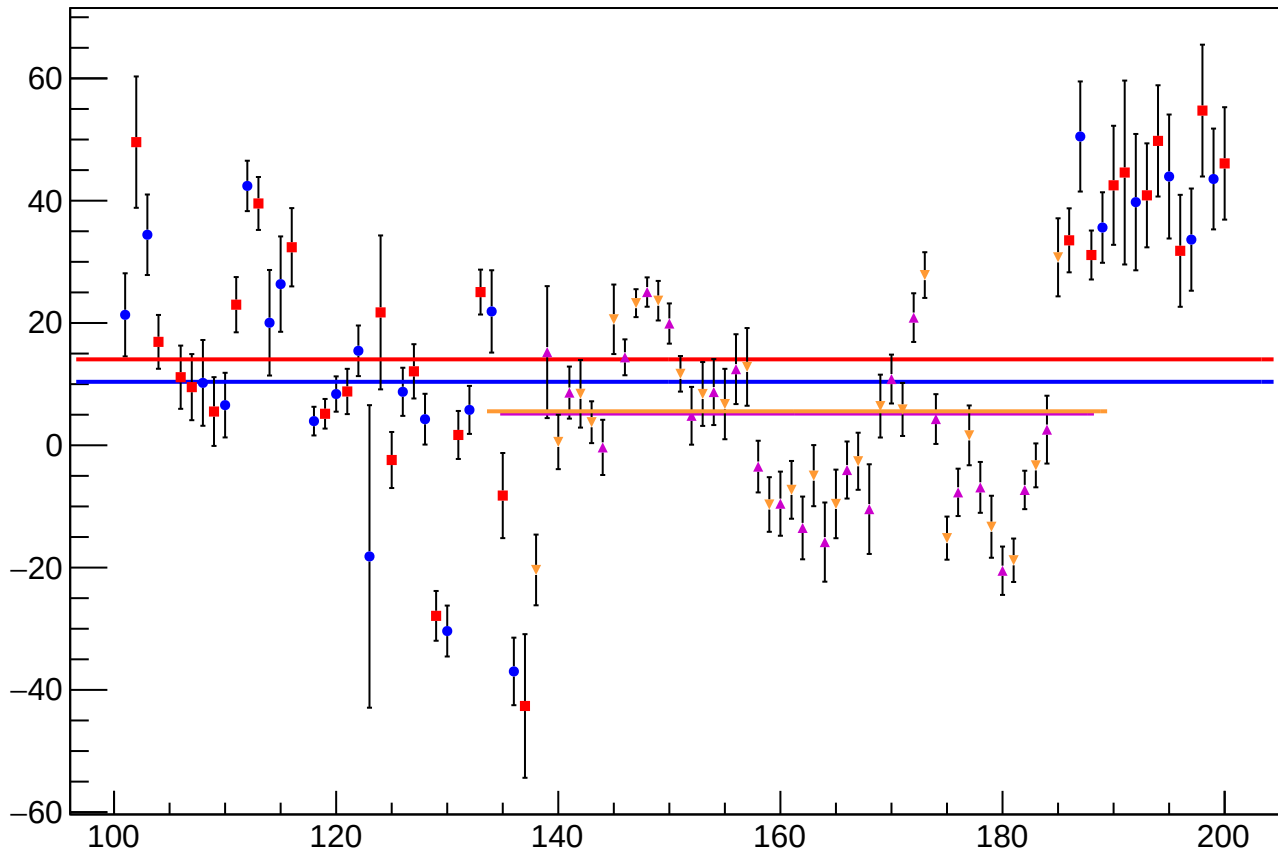
Left In: -234.328 ± 1.104 χ^2/NDF : 3591.9/22

+ sign -230.972 ± 1.013 χ^2/NDF : 5454.9/30

All: -239.824 ± 0.697 χ^2/NDF : 12075.9/62

- sign -247.792 ± 0.961 χ^2/NDF : 6475.9/31

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 10.381 ± 1.031 χ^2/NDF : 350.0/22

Left Out: 5.558 ± 0.832 χ^2/NDF : 313.4/24

Right Out: 14.053 ± 0.982 χ^2/NDF : 349.3/26

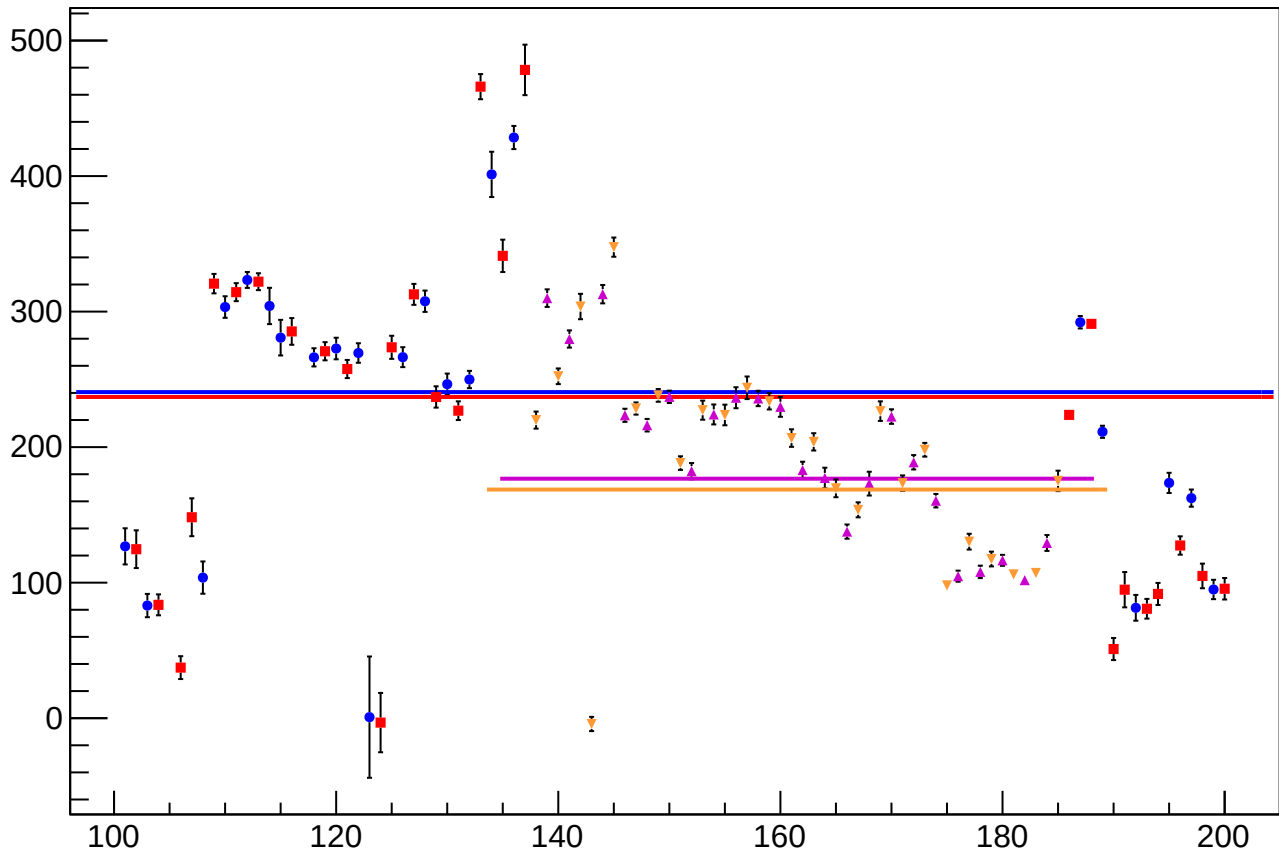
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 7.461 ± 0.647 χ^2/NDF : 676.7/47

All: 8.263 ± 0.459 χ^2/NDF : 1318.1/97

- sign 9.070 ± 0.650 χ^2/NDF : 638.3/49

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 240.609 $\pm$ 1.573 χ^2 /NDF: 2670.0/22

Left Out: 168.699 $\pm$ 1.086 χ^2 /NDF: 4238.2/24

Right Out: 237.016 $\pm$ 1.253 χ^2 /NDF: 5445.3/26

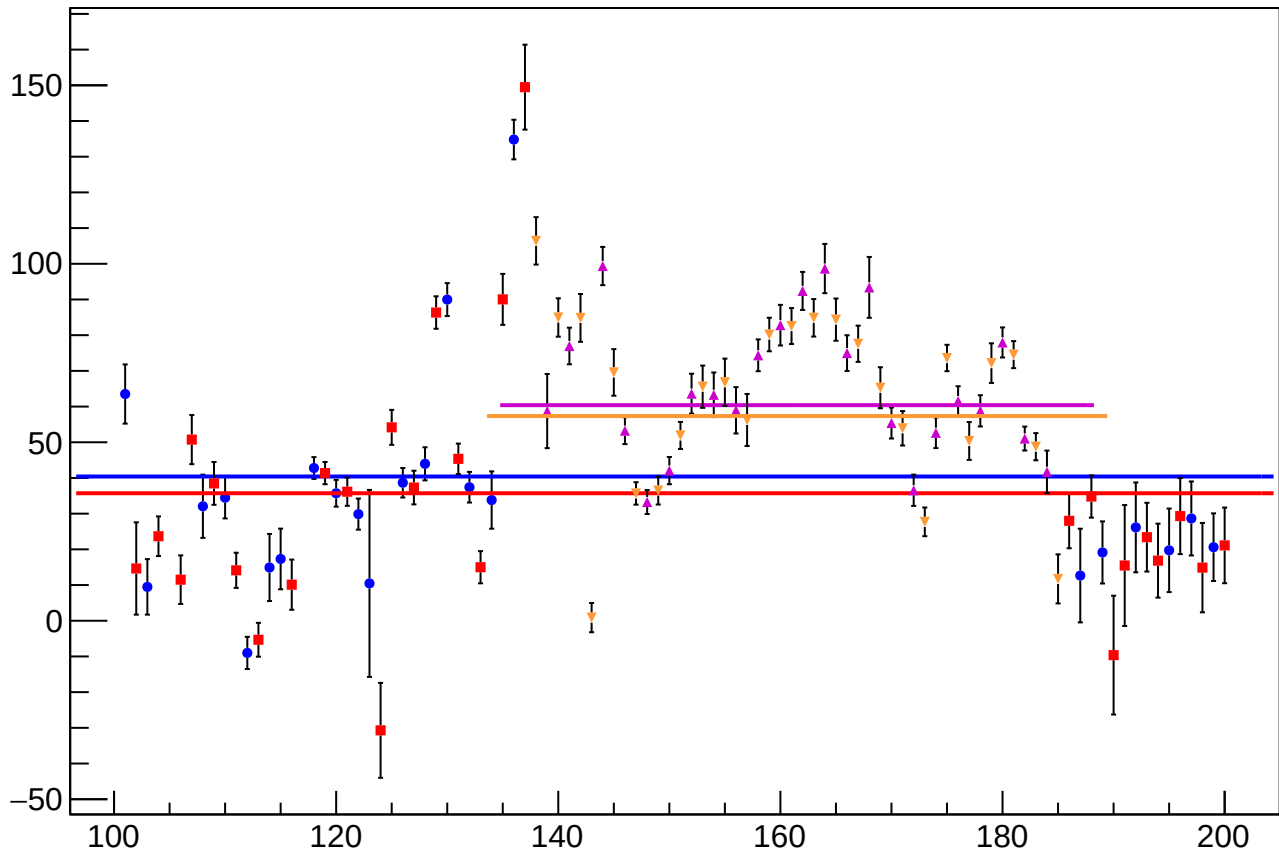
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 191.931 $\pm$ 0.894 χ^2 /NDF: 8323.6/47

All: 197.902 $\pm$ 0.607 χ^2 /NDF: 18392.7/97

- sign 203.017 $\pm$ 0.827 χ^2 /NDF: 9986.3/49

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 40.409 ± 1.206 $\chi^2/\text{NDF}: 597.7/22$

Left Out: 57.343 ± 0.956 $\chi^2/\text{NDF}: 641.5/24$

Right Out: 35.719 ± 1.155 $\chi^2/\text{NDF}: 494.1/26$

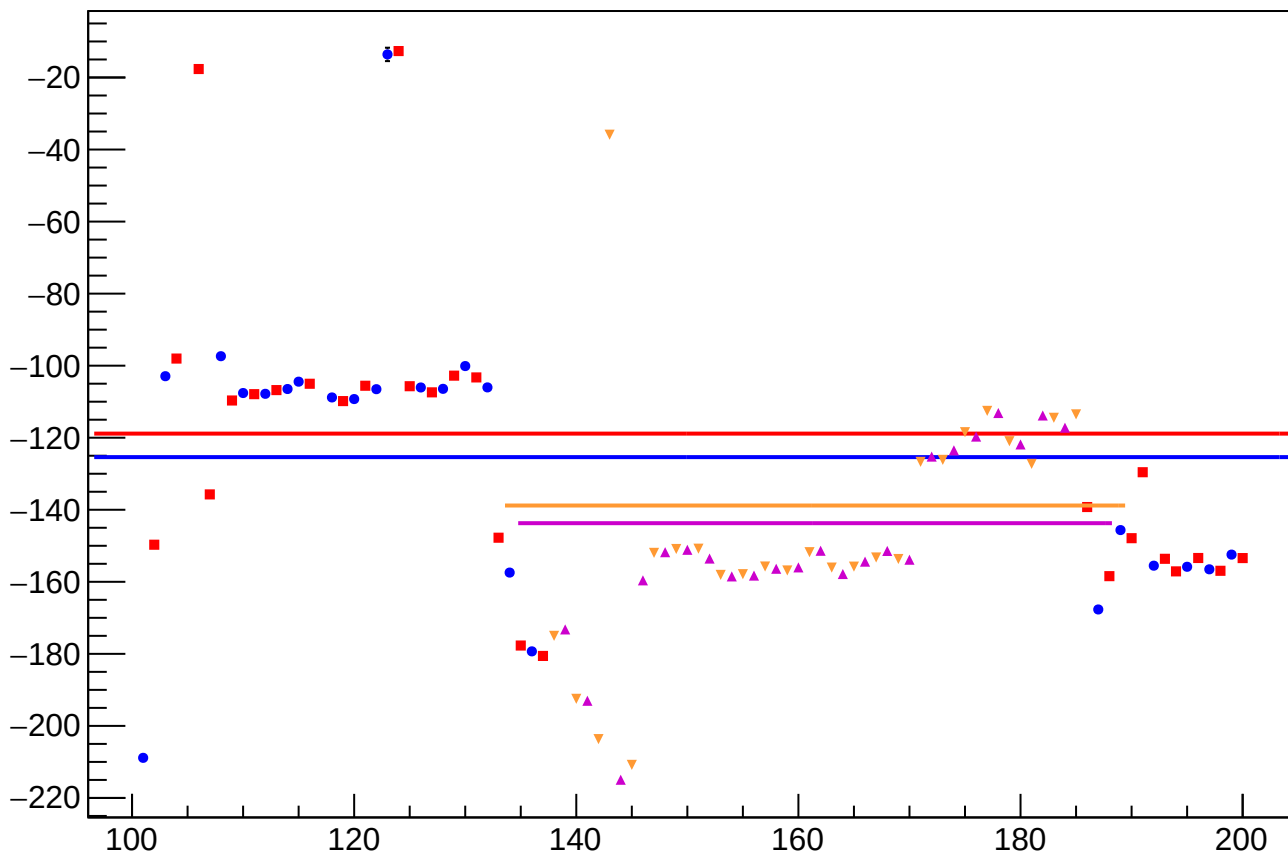
Left In: 60.392 ± 0.987 $\chi^2/\text{NDF}: 341.2/22$

+ sign 50.807 ± 0.749 $\chi^2/\text{NDF}: 1360.2/47$

All: 50.392 ± 0.530 $\chi^2/\text{NDF}: 2459.9/97$

- sign 49.976 ± 0.750 $\chi^2/\text{NDF}: 1099.1/49$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -125.385 ± 0.069 $\chi^2/\text{NDF}: 189766.1/22$

Left Out: -138.821 ± 0.045 $\chi^2/\text{NDF}: 525537.6/24$

Right Out: -118.860 ± 0.062 $\chi^2/\text{NDF}: 439284.3/26$

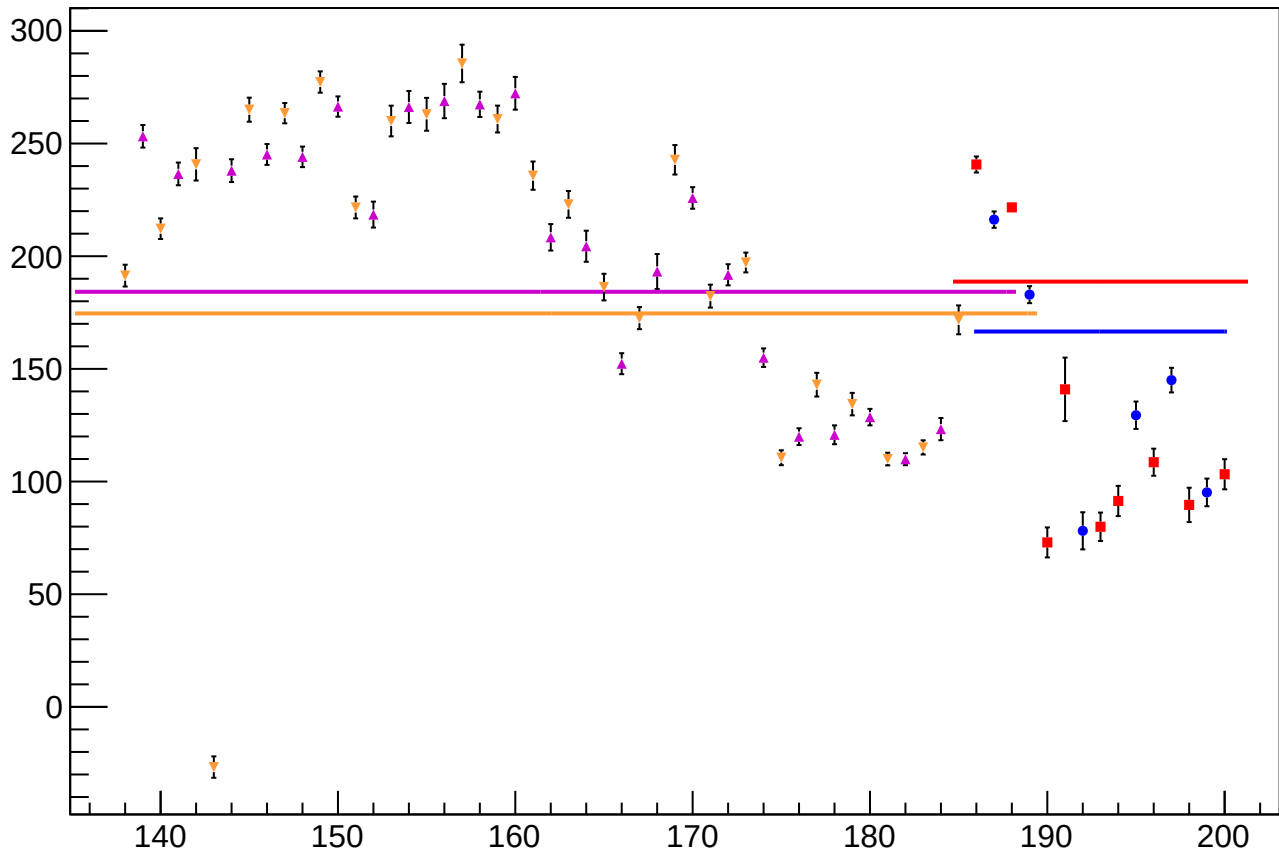
Left In: -143.726 ± 0.046 $\chi^2/\text{NDF}: 260994.5/22$

+ sign -134.773 ± 0.038 $\chi^2/\text{NDF}: 741804.5/47$

All: -134.829 ± 0.026 $\chi^2/\text{NDF}: 1546436.3/97$

- sign -134.882 ± 0.037 $\chi^2/\text{NDF}: 804627.5/49$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 166.580 ± 2.008 $\chi^2/\text{NDF}: 509.1/5$

Left Out: 174.613 ± 0.969 $\chi^2/\text{NDF}: 5551.3/24$

Right Out: 188.730 ± 1.402 $\chi^2/\text{NDF}: 1857.6/8$

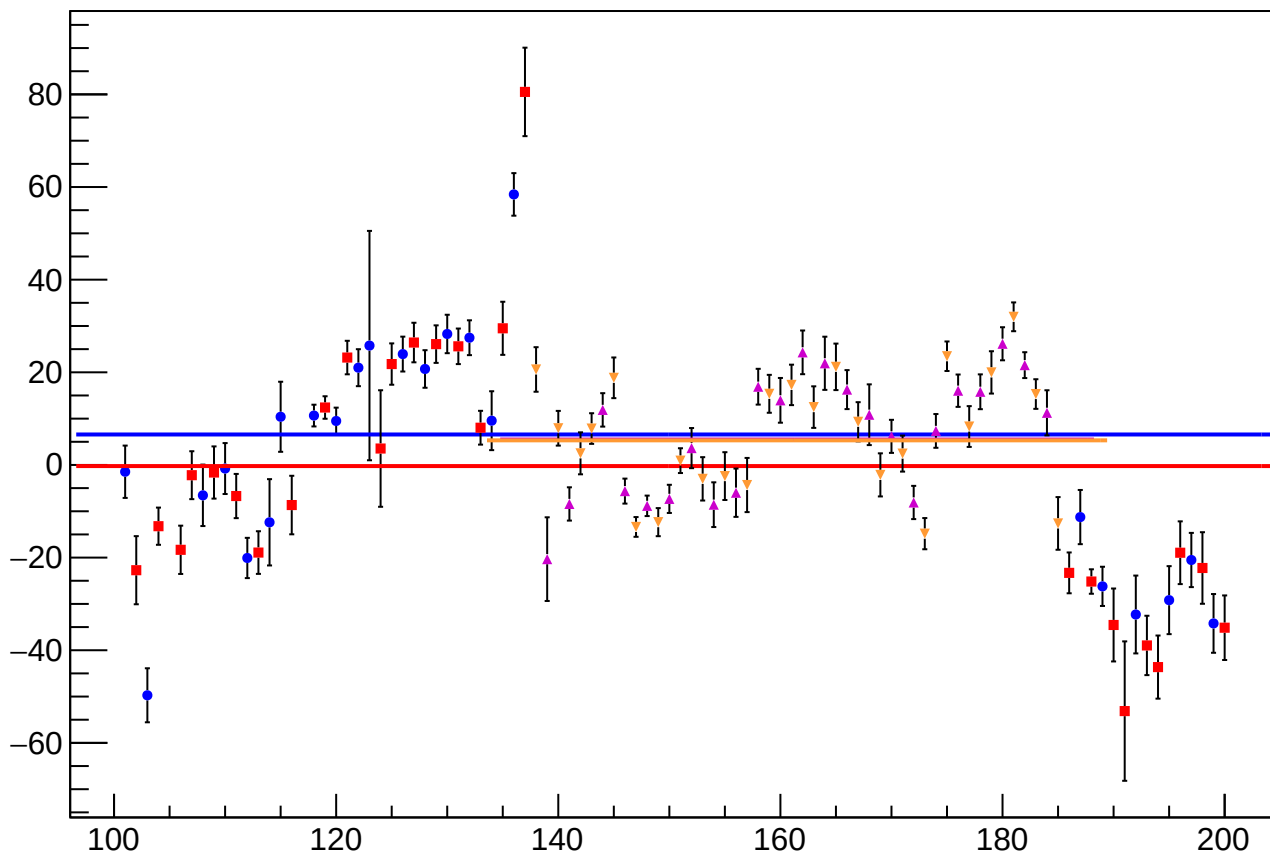
Left In: 184.205 ± 0.987 $\chi^2/\text{NDF}: 3637.1/22$

+ sign 173.096 ± 0.873 $\chi^2/\text{NDF}: 6073.4/30$

All: 179.893 ± 0.592 $\chi^2/\text{NDF}: 11687.5/62$

- sign 185.705 ± 0.807 $\chi^2/\text{NDF}: 5501.6/31$

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 6.578 ± 0.967 χ^2/NDF : 557.1/22

Left Out: 5.314 ± 0.750 χ^2/NDF : 345.1/24

Right Out: -0.241 ± 0.903 χ^2/NDF : 641.6/26

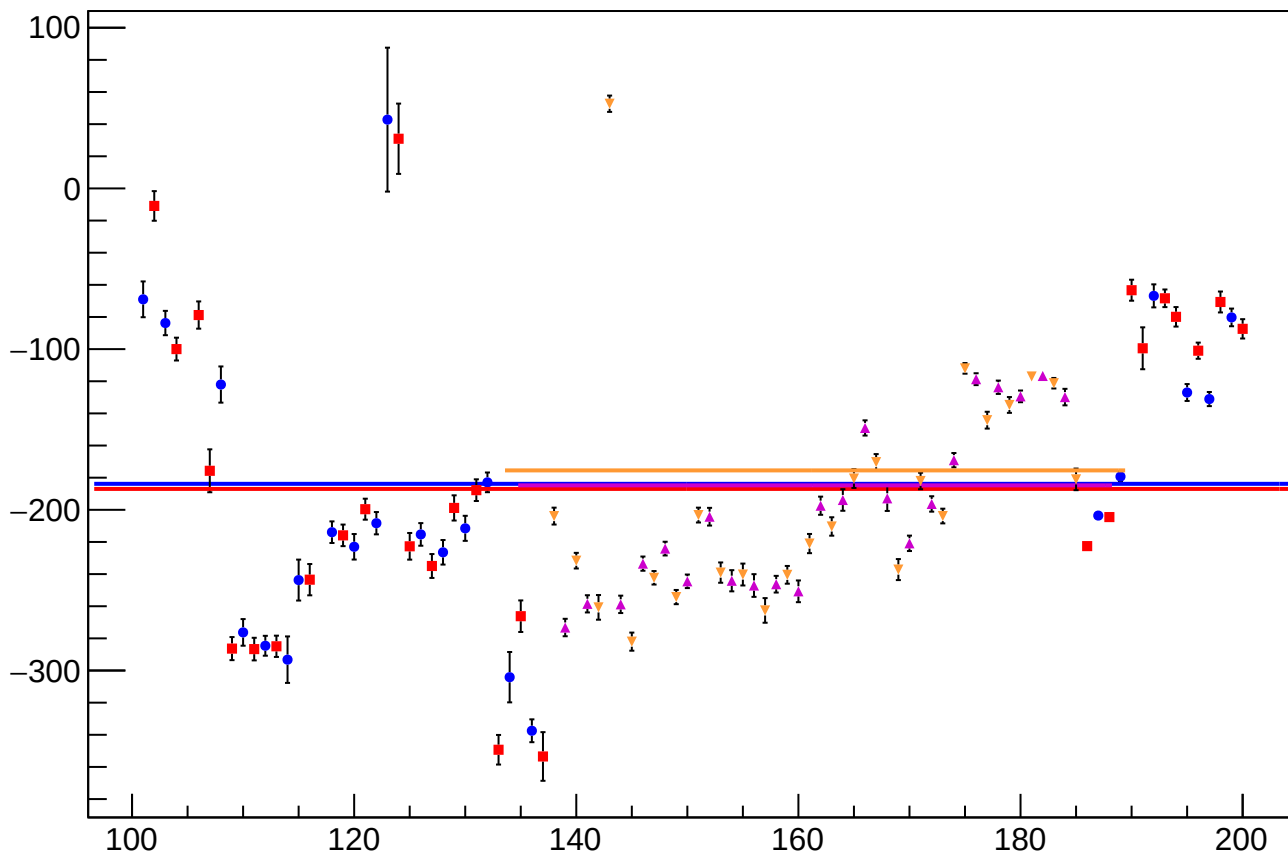
Left In: 5.483 ± 0.779 χ^2/NDF : 259.1/22

+ sign 5.789 ± 0.593 χ^2/NDF : 903.2/47

All: 4.408 ± 0.418 χ^2/NDF : 1837.7/97

- sign 3.042 ± 0.590 χ^2/NDF : 923.7/49

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -183.824 ± 1.289 $\chi^2/\text{NDF}: 2380.7/22$

Left Out: -175.470 ± 0.974 $\chi^2/\text{NDF}: 5103.8/24$

Right Out: -186.990 ± 0.991 $\chi^2/\text{NDF}: 4365.0/26$

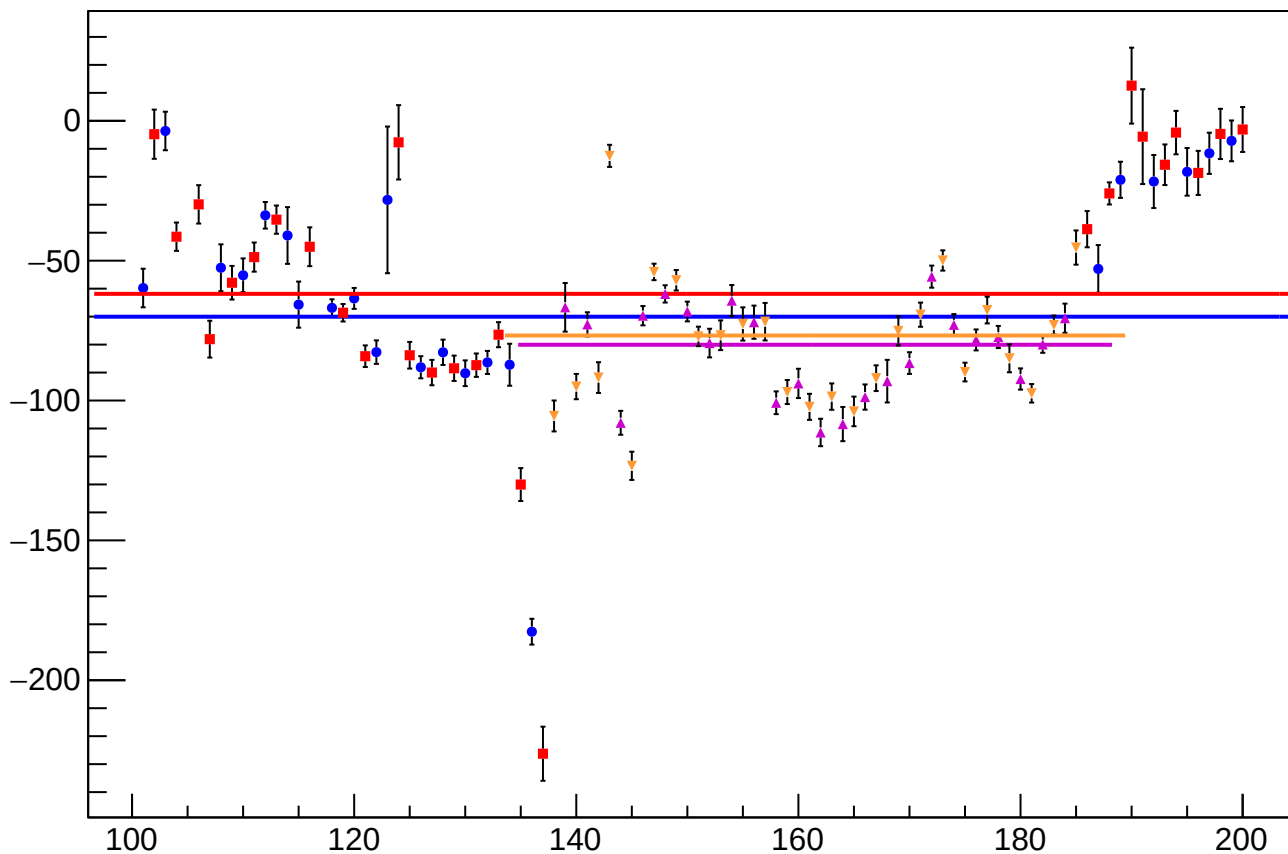
Left In: -184.774 ± 0.987 $\chi^2/\text{NDF}: 3082.4/22$

+ sign -178.505 ± 0.777 $\chi^2/\text{NDF}: 7511.3/47$

All: -182.579 ± 0.520 $\chi^2/\text{NDF}: 15010.9/97$

- sign -185.877 ± 0.699 $\chi^2/\text{NDF}: 7449.9/49$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -70.030 ± 1.138 χ^2/NDF : 1114.8/22

Left Out: -76.747 ± 0.861 χ^2/NDF : 746.8/24

Right Out: -61.857 ± 1.078 χ^2/NDF : 1102.3/26

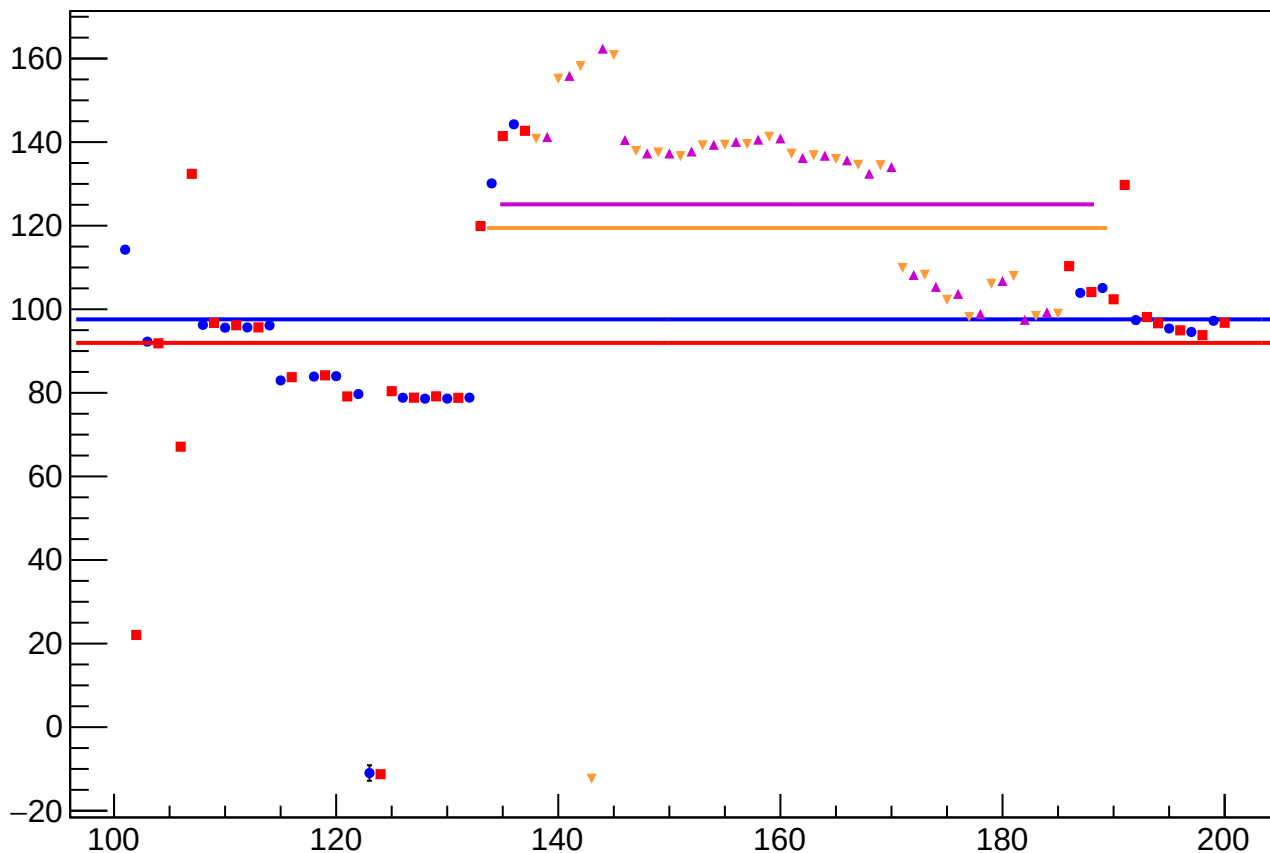
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ sign -74.303 ± 0.686 χ^2/NDF : 1883.7/47

All: -73.512 ± 0.485 χ^2/NDF : 3445.8/97

- sign -72.725 ± 0.685 χ^2/NDF : 1559.4/49

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.586 ± 0.061 $\chi^2/\text{NDF}: 95528.9/22$

Left Out: 119.448 ± 0.041 $\chi^2/\text{NDF}: 660075.8/24$

Right Out: 91.955 ± 0.054 $\chi^2/\text{NDF}: 240524.9/26$

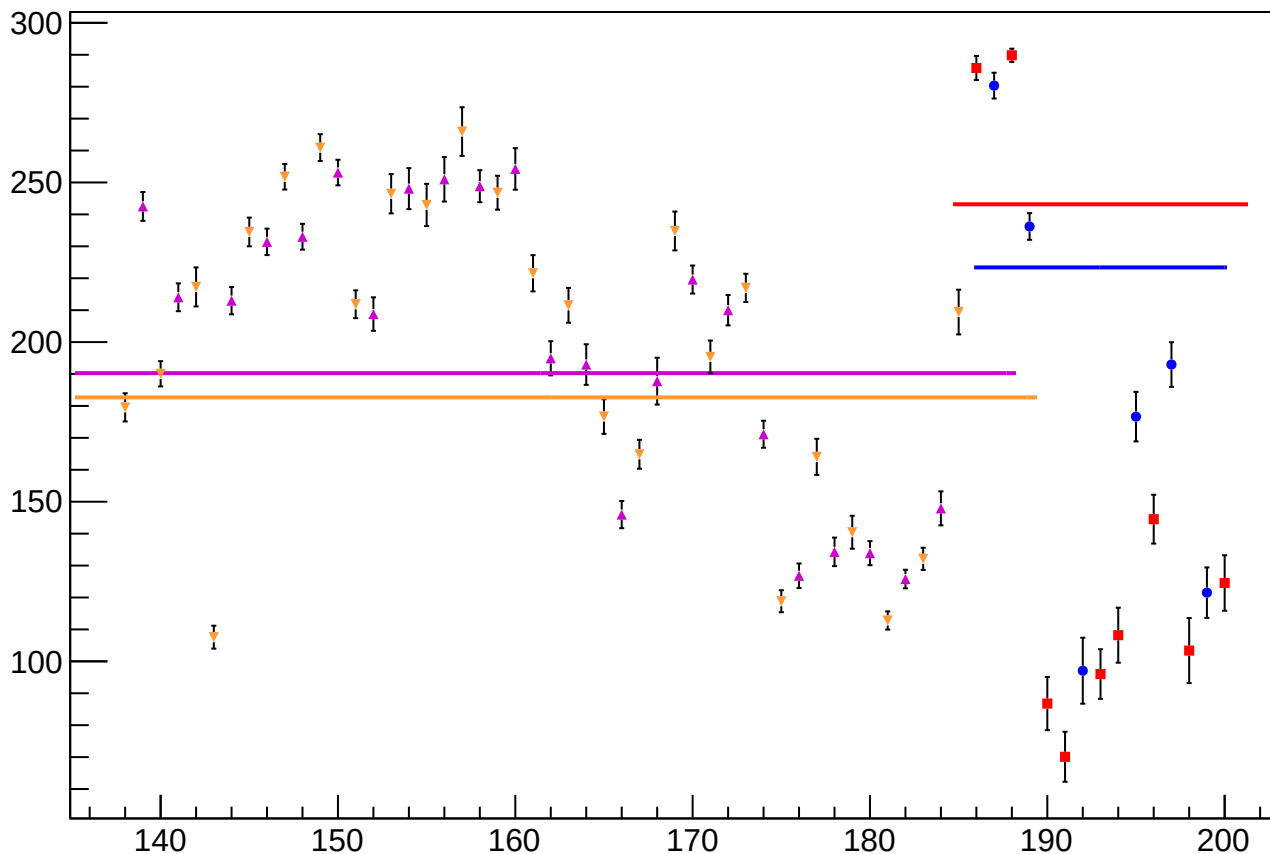
Left In: 125.101 ± 0.041 $\chi^2/\text{NDF}: 222793.3/22$

+ sign 112.765 ± 0.034 $\chi^2/\text{NDF}: 844127.7/47$

All: 112.874 ± 0.024 $\chi^2/\text{NDF}: 1545407.4/97$

- sign 112.976 ± 0.033 $\chi^2/\text{NDF}: 701259.5/49$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 223.388 ± 2.351 χ^2/NDF : 578.4/5

Left Out: 182.672 ± 0.919 χ^2/NDF : 3230.7/24

Right Out: 243.166 ± 1.571 χ^2/NDF : 2622.2/8

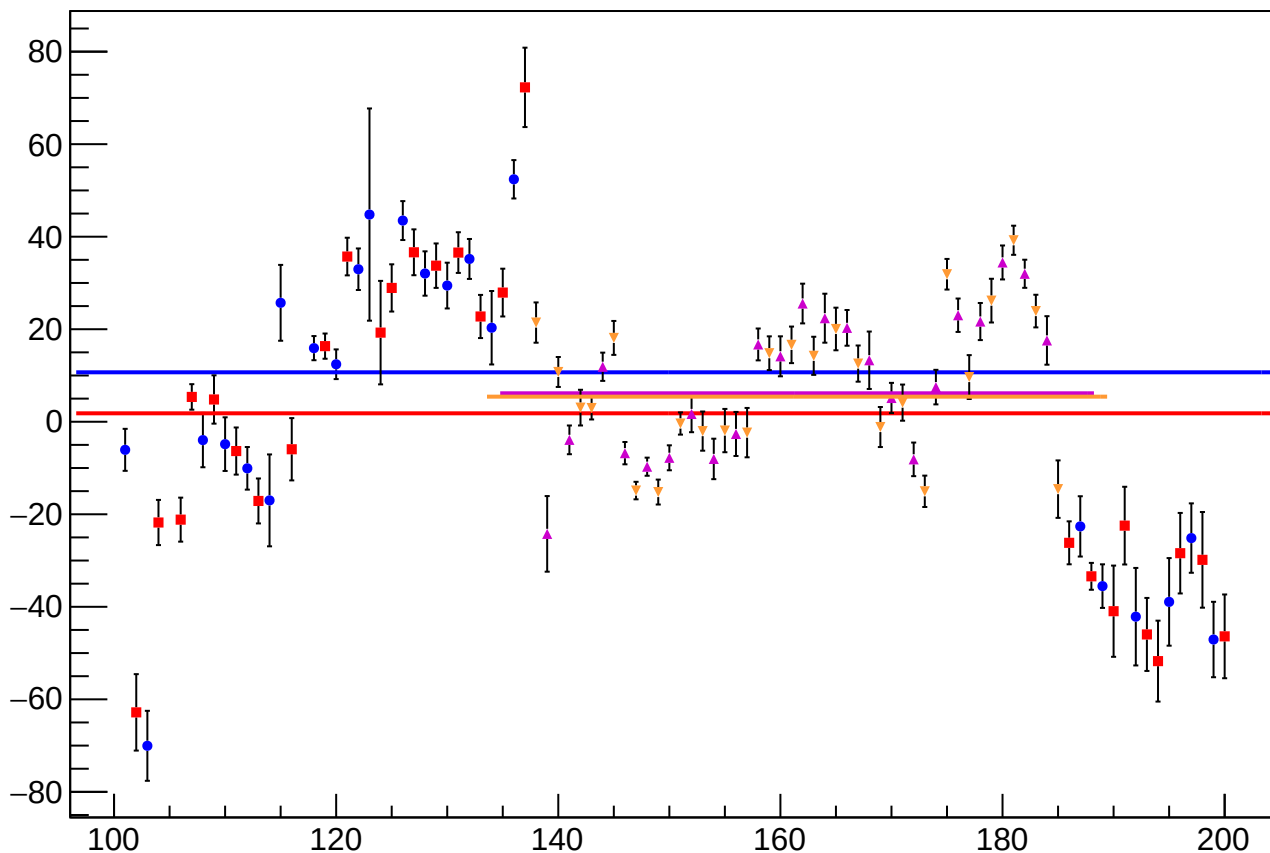
Left In: 190.279 ± 0.949 χ^2/NDF : 2452.9/22

+ sign 188.062 ± 0.856 χ^2/NDF : 4069.2/30

All: 196.660 ± 0.589 χ^2/NDF : 10166.2/62

- sign 204.411 ± 0.812 χ^2/NDF : 5905.0/31

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 10.688 ± 1.065 $\chi^2/\text{NDF}: 681.4/22$

Left Out: 5.425 ± 0.693 $\chi^2/\text{NDF}: 525.2/24$

Right Out: 1.825 ± 0.954 $\chi^2/\text{NDF}: 861.1/26$

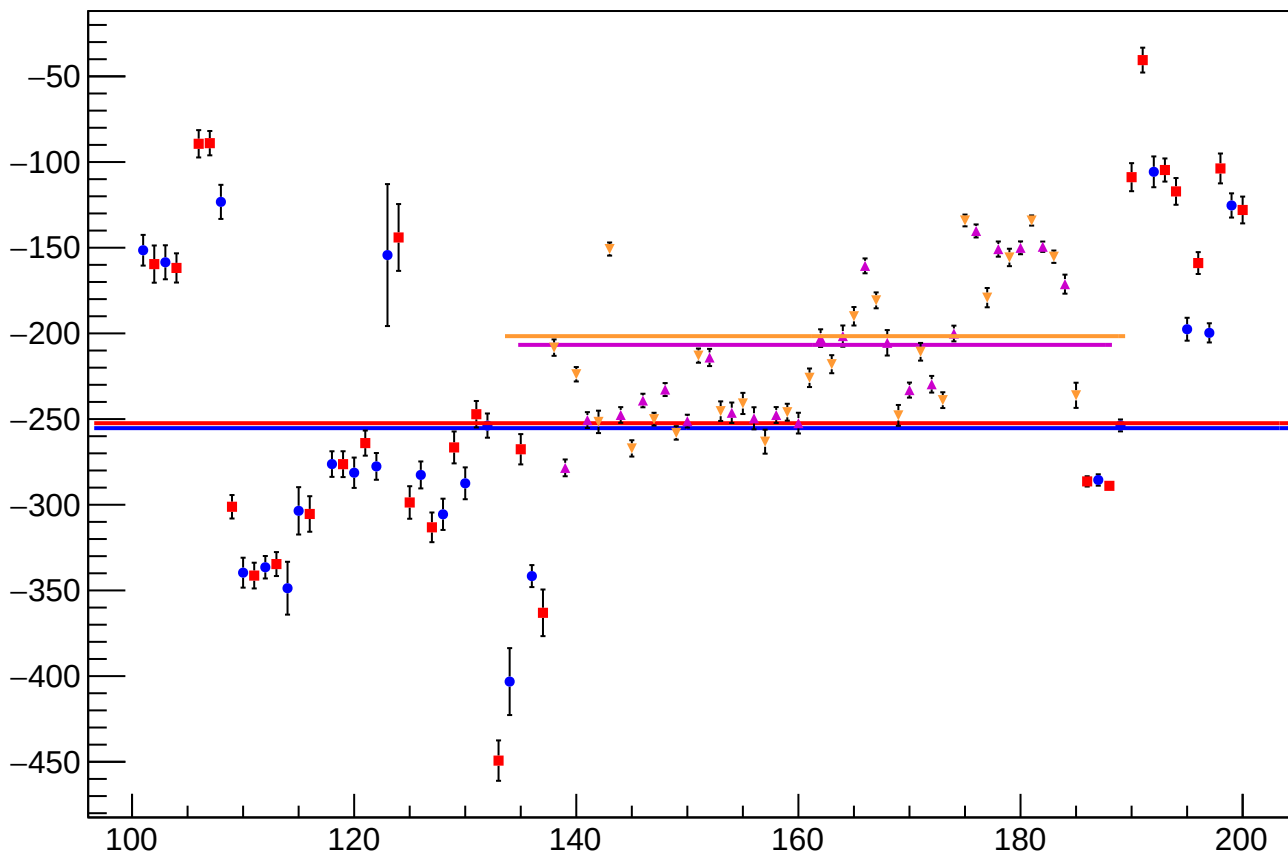
Left In: 6.151 ± 0.730 $\chi^2/\text{NDF}: 410.6/22$

+ sign 6.991 ± 0.581 $\chi^2/\text{NDF}: 1223.7/47$

All: 5.770 ± 0.410 $\chi^2/\text{NDF}: 2517.2/97$

- sign 4.553 ± 0.580 $\chi^2/\text{NDF}: 1284.7/49$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -255.301 ± 1.455 χ^2/NDF : 1895.4/22

Left Out: -201.610 ± 0.922 χ^2/NDF : 2462.4/24

Right Out: -252.413 ± 1.089 χ^2/NDF : 5266.8/26

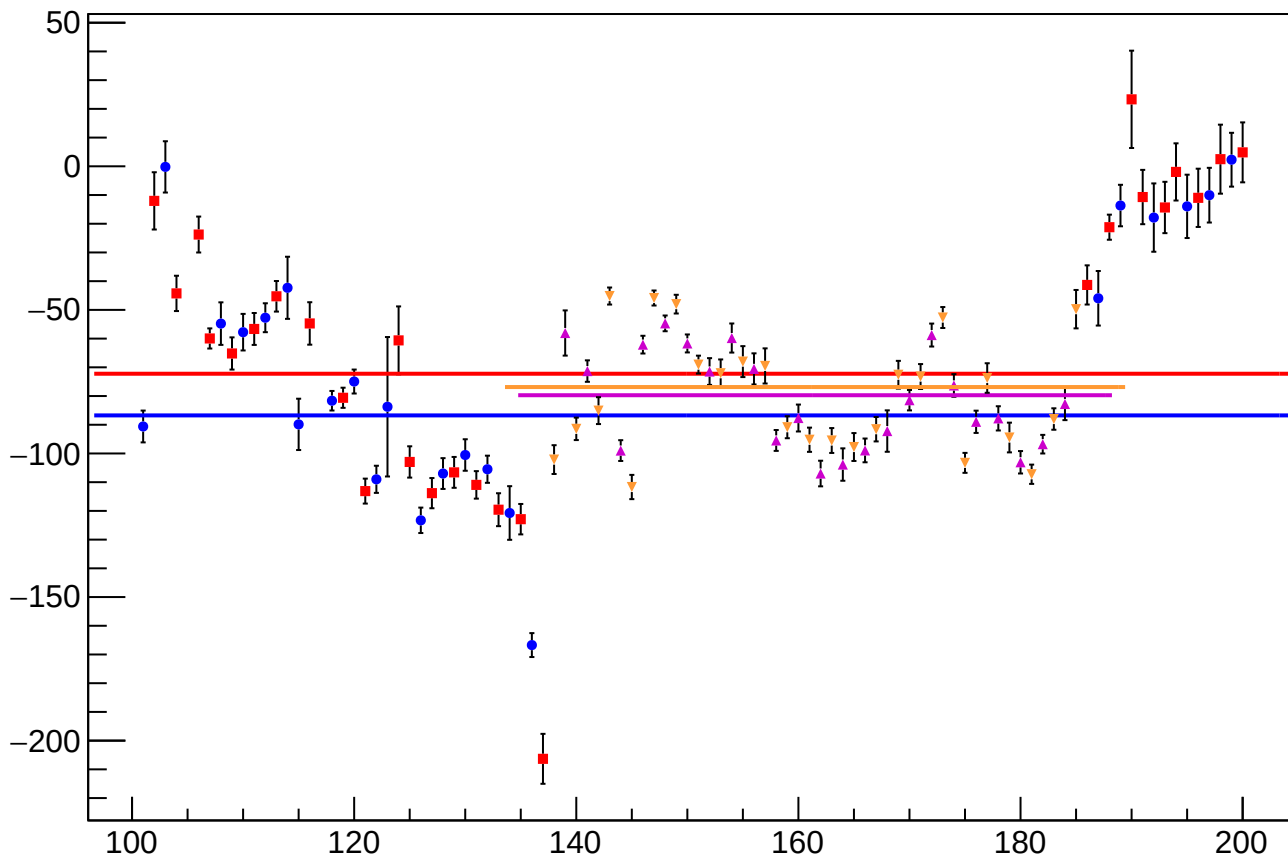
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -217.007 ± 0.779 χ^2/NDF : 5329.3/47

All: -222.089 ± 0.526 χ^2/NDF : 13813.4/97

- sign -226.360 ± 0.714 χ^2/NDF : 8405.7/49

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -86.746 ± 1.250 χ^2/NDF : 1068.1/22

Left Out: -76.870 ± 0.802 χ^2/NDF : 758.7/24

Right Out: -72.234 ± 1.142 χ^2/NDF : 1315.8/26

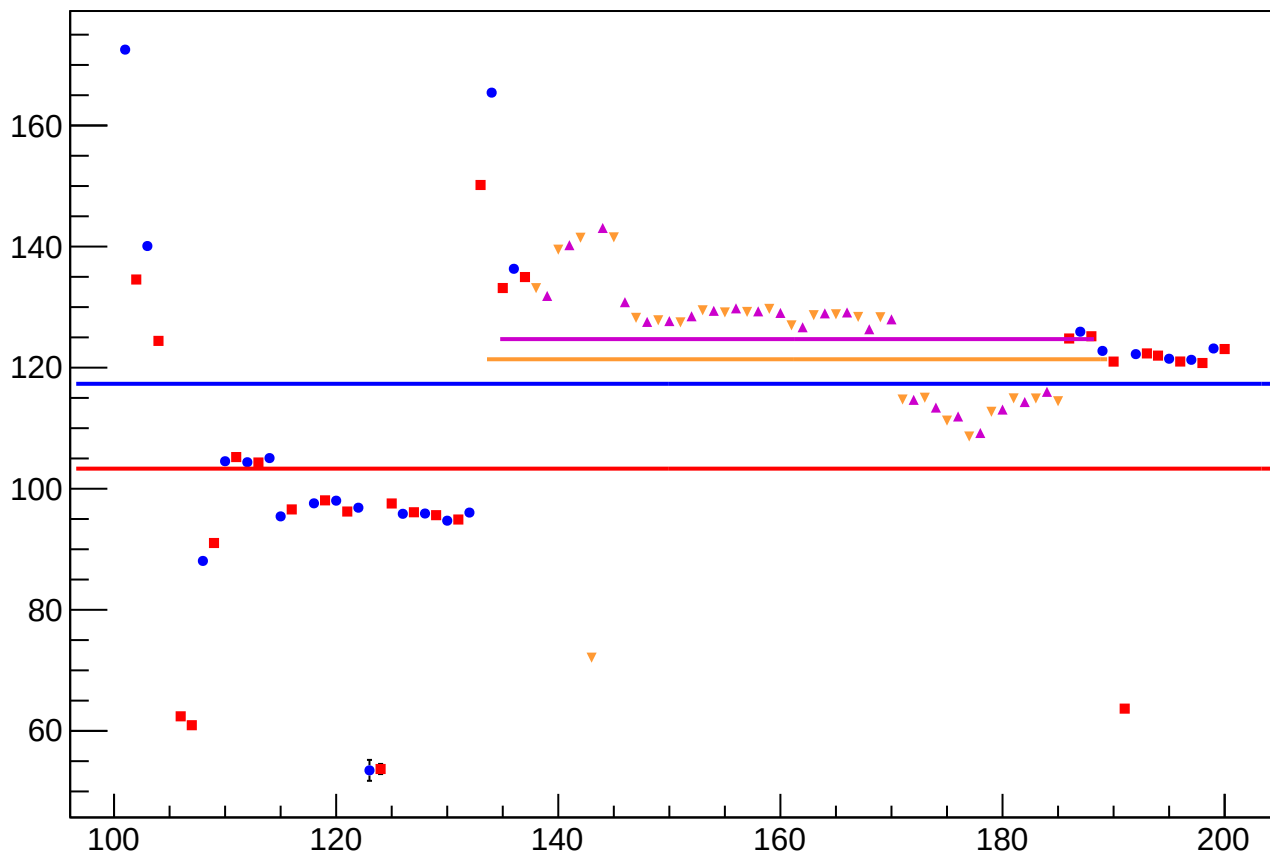
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ sign -79.748 ± 0.675 χ^2/NDF : 1871.1/47

All: -78.425 ± 0.477 χ^2/NDF : 3637.7/97

- sign -77.101 ± 0.675 χ^2/NDF : 1758.9/49

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 117.333 $\pm$ 0.068 χ^2 /NDF: 108259.3/22

Left Out: 121.385 $\pm$ 0.038 χ^2 /NDF:164871.1/24

Right Out: 103.319 $\pm$ 0.057 χ^2 /NDF: 228724.9/26

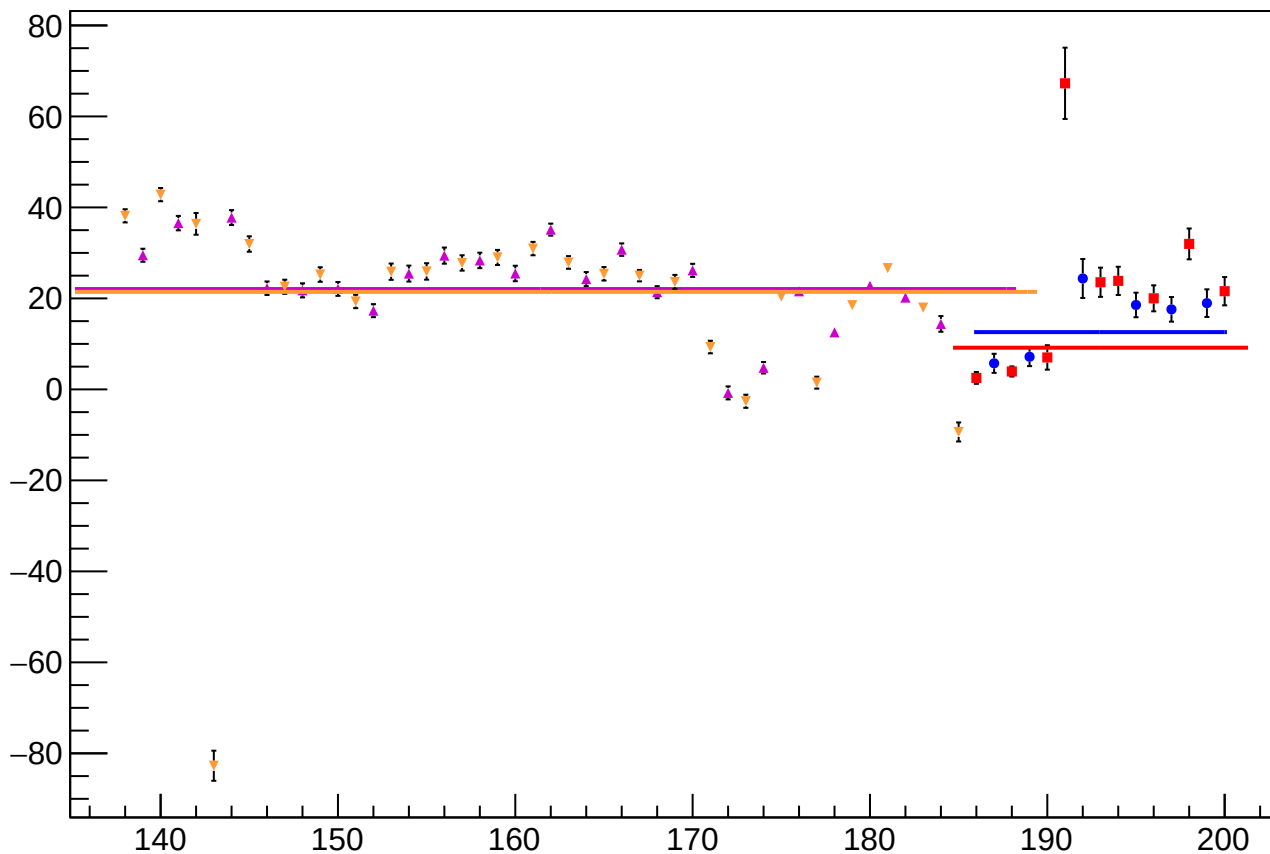
Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

+ sign 120.414 $\pm$ 0.033 χ^2 /NDF: 275819.6/47

All: 119.109 $\pm$ 0.023 χ^2 /NDF: 654873.6/97

- sign 117.889 $\pm$ 0.032 χ^2 /NDF: 376092.5/49

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 12.588+/-1.054 χ^2/NDF : 37.9/5

Left Out: 21.435+/-0.283 χ^2/NDF : 2406.2/24

Right Out: 9.163+/-0.695 χ^2/NDF : 222.2/8

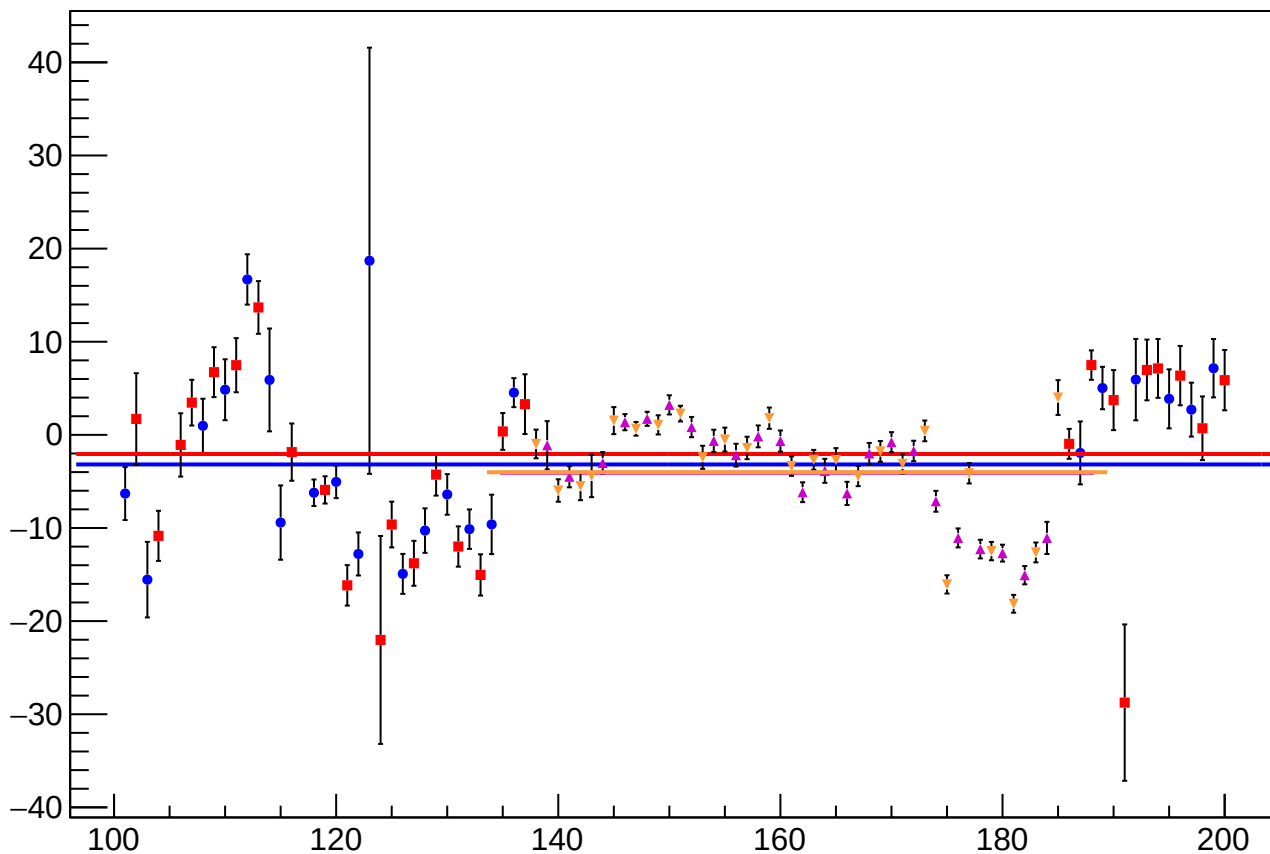
Left In: 22.055+/-0.284 χ^2/NDF : 941.3/22

+ sign 20.842+/-0.273 χ^2/NDF : 2509.8/30

All: 20.512+/-0.189 χ^2/NDF : 3971.1/62

- sign 20.206+/-0.263 χ^2/NDF : 1458.4/31

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -3.177 ± 0.525 $\chi^2/\text{NDF}: 219.4/22$

Left Out: -4.015 ± 0.223 $\chi^2/\text{NDF}: 731.7/24$

Right Out: -2.055 ± 0.483 $\chi^2/\text{NDF}: 295.0/26$

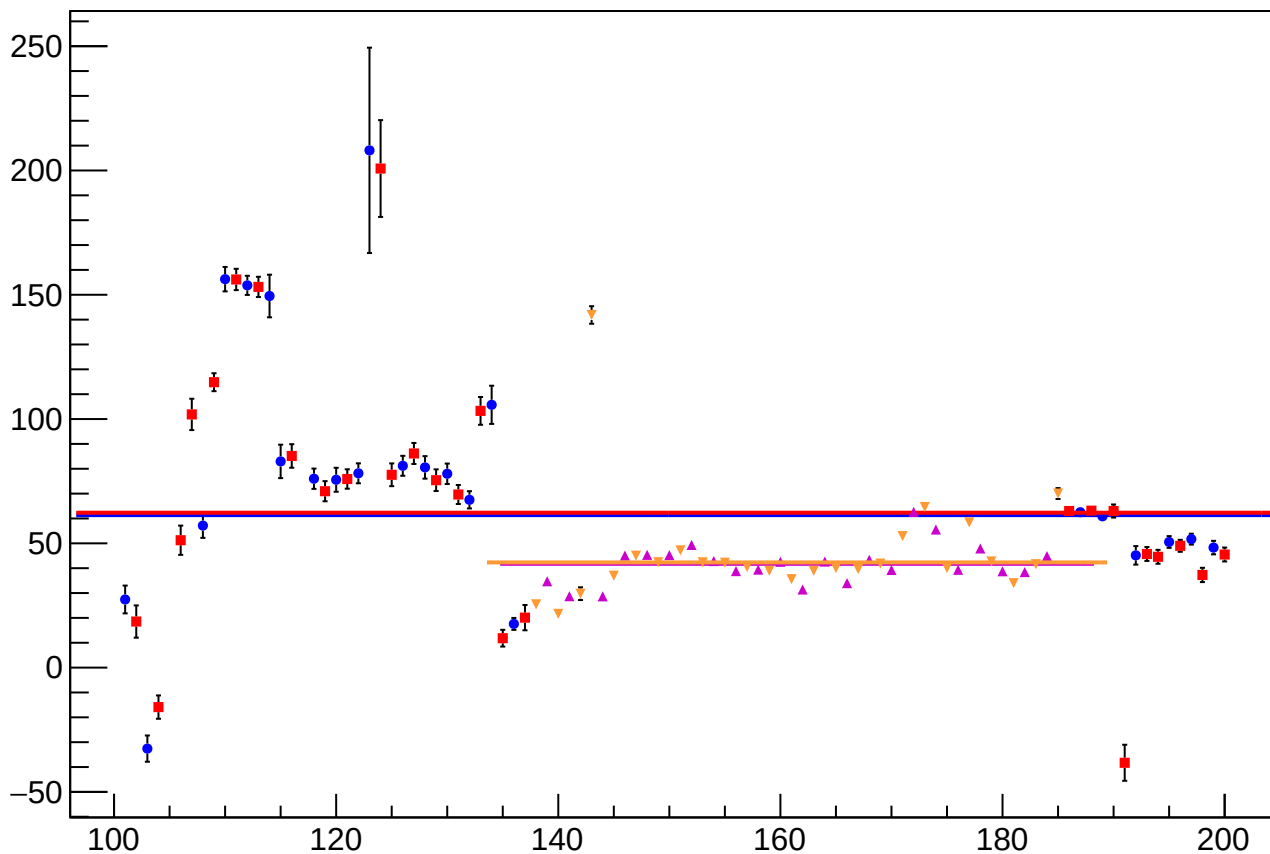
Left In: -4.069 ± 0.227 $\chi^2/\text{NDF}: 580.1/22$

+ sign -3.887 ± 0.205 $\chi^2/\text{NDF}: 953.3/47$

All: -3.795 ± 0.145 $\chi^2/\text{NDF}: 1843.0/97$

- sign -3.704 ± 0.206 $\chi^2/\text{NDF}: 889.3/49$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 61.346 $\pm$ 0.688 χ^2 /NDF: 1982.0/22

Left Out: 42.322 $\pm$ 0.282 χ^2 /NDF: 1855.5/24

Right Out: 62.315 $\pm$ 0.508 χ^2 /NDF: 2458.6/26

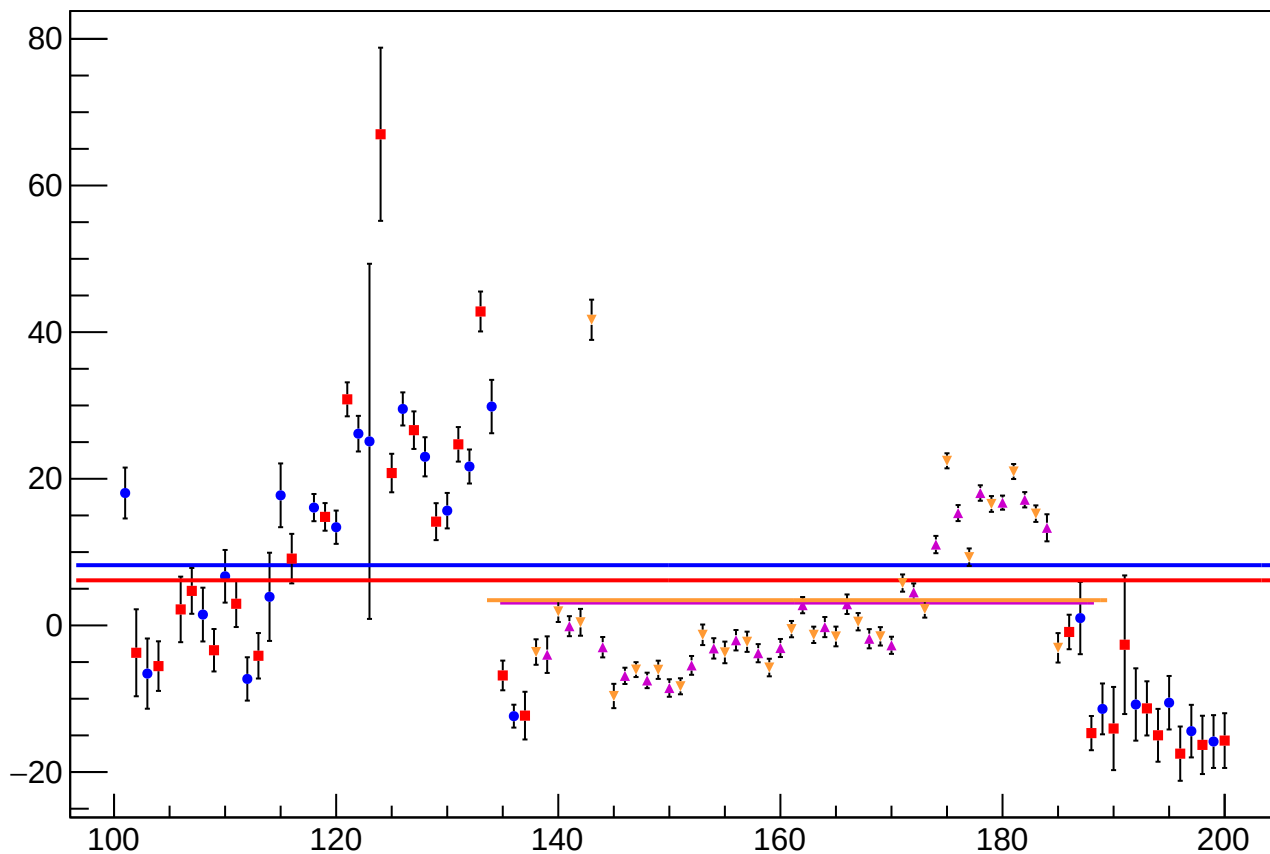
Left In: 41.755 $\pm$ 0.283 χ^2 /NDF: 659.6/22

+ sign 45.059 $\pm$ 0.261 χ^2 /NDF: 4491.8/47

All: 45.885 $\pm$ 0.179 χ^2 /NDF: 8879.4/97

- sign 46.627 $\pm$ 0.247 χ^2 /NDF: 4368.6/49

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 8.215 ± 0.608 χ^2/NDF : 664.0/22

Left Out: 3.439 ± 0.252 χ^2/NDF : 1647.7/24

Right Out: 6.149 ± 0.575 χ^2/NDF : 888.1/26

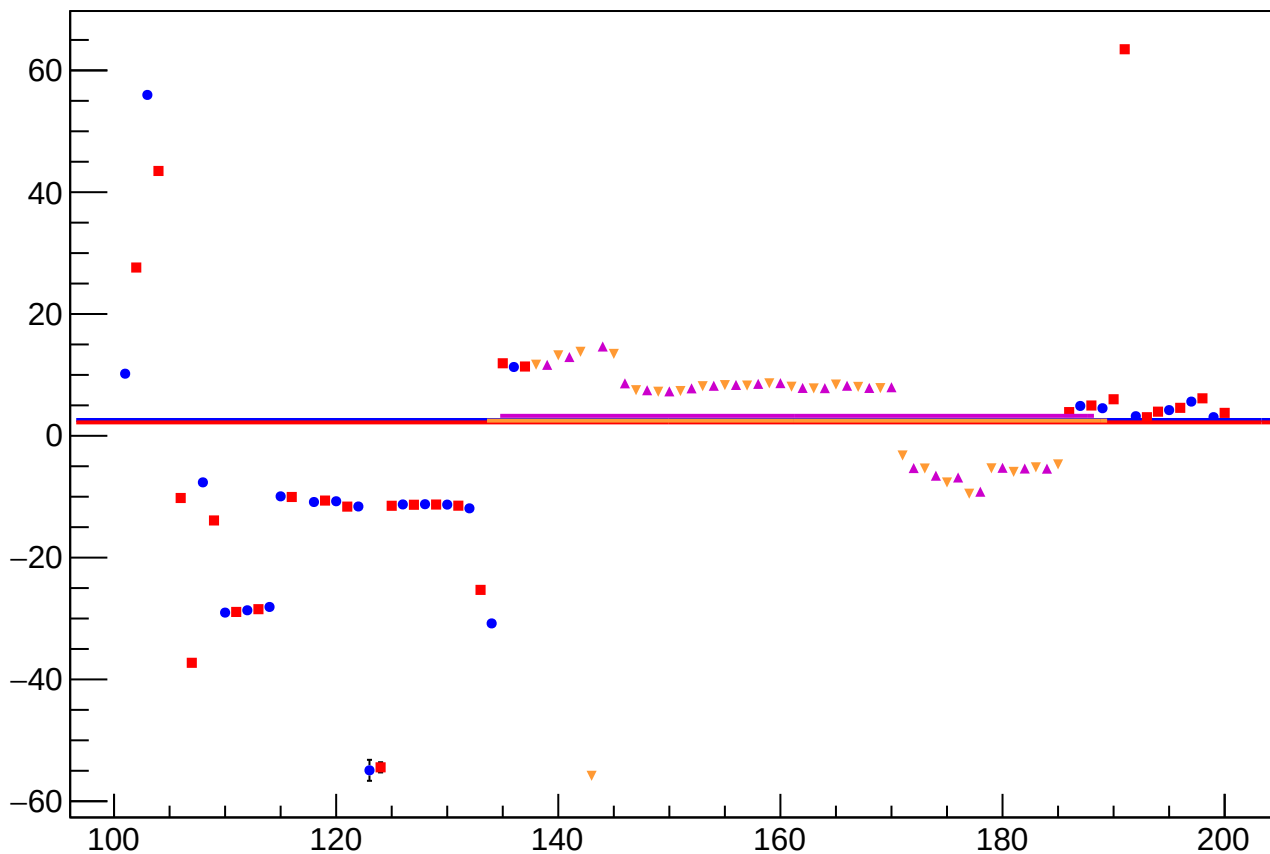
Left In: 3.114 ± 0.256 χ^2/NDF : 1273.1/22

+ sign 4.141 ± 0.233 χ^2/NDF : 2364.2/47

All: 3.880 ± 0.165 χ^2/NDF : 4551.2/97

- sign 3.618 ± 0.234 χ^2/NDF : 2184.5/49

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 2.597 $\pm$ 0.030 χ^2 /NDF: 360963.8/22

Left Out: 2.497 $\pm$ 0.012 χ^2 /NDF: 588138.5/24

Right Out: 2.203 $\pm$ 0.028 χ^2 /NDF: 425392.3/26

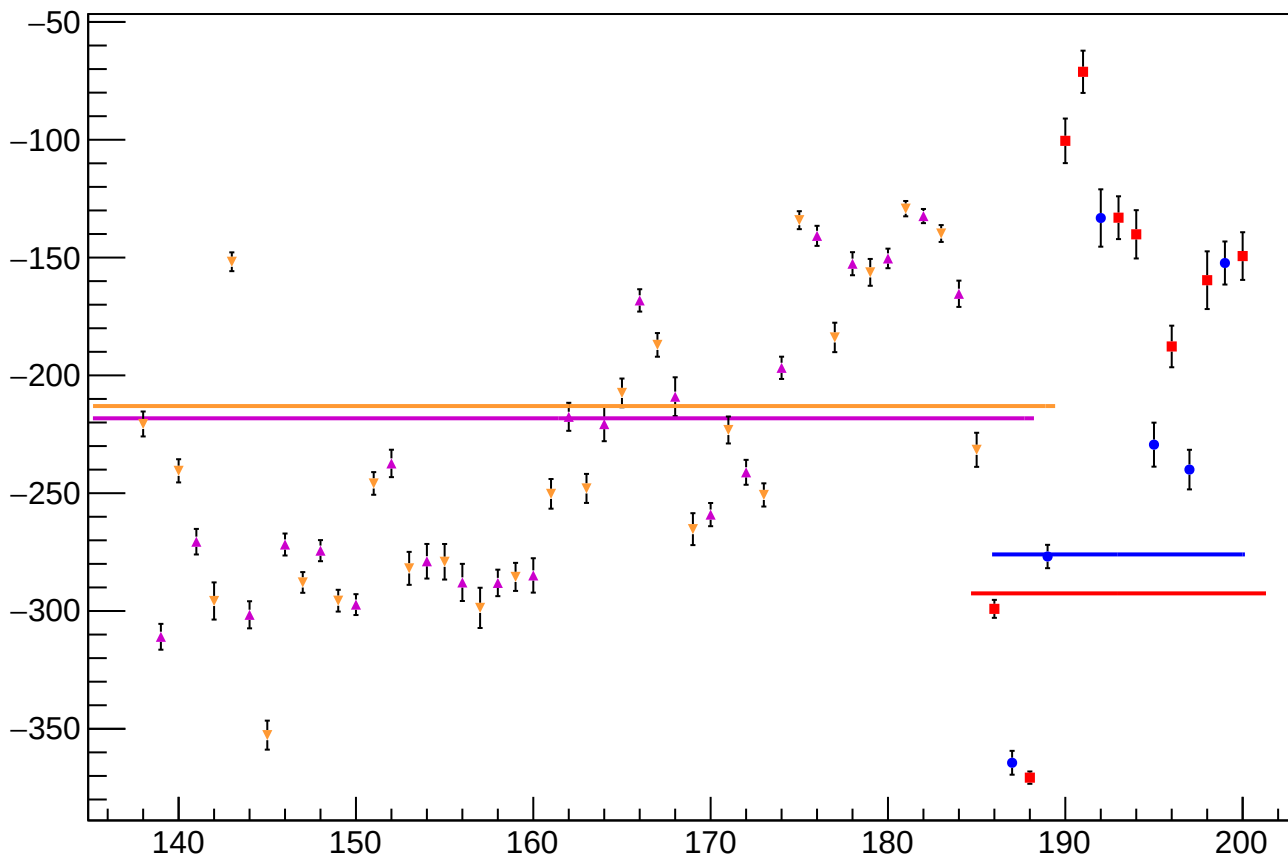
Left In: 3.281 $\pm$ 0.012 χ^2 /NDF: 409605.3/22

+ sign 2.509 $\pm$ 0.011 χ^2 /NDF: 949111.8/47

All: 2.818 $\pm$ 0.008 χ^2 /NDF: 1787003.8/97

- sign 3.122 $\pm$ 0.011 χ^2 /NDF: 836273.8/49

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -275.985 ± 2.839 χ^2/NDF : 669.1/5

Left Out: -213.020 ± 1.035 χ^2/NDF : 3826.2/24

Right Out: -292.521 ± 1.857 χ^2/NDF : 2909.0/8

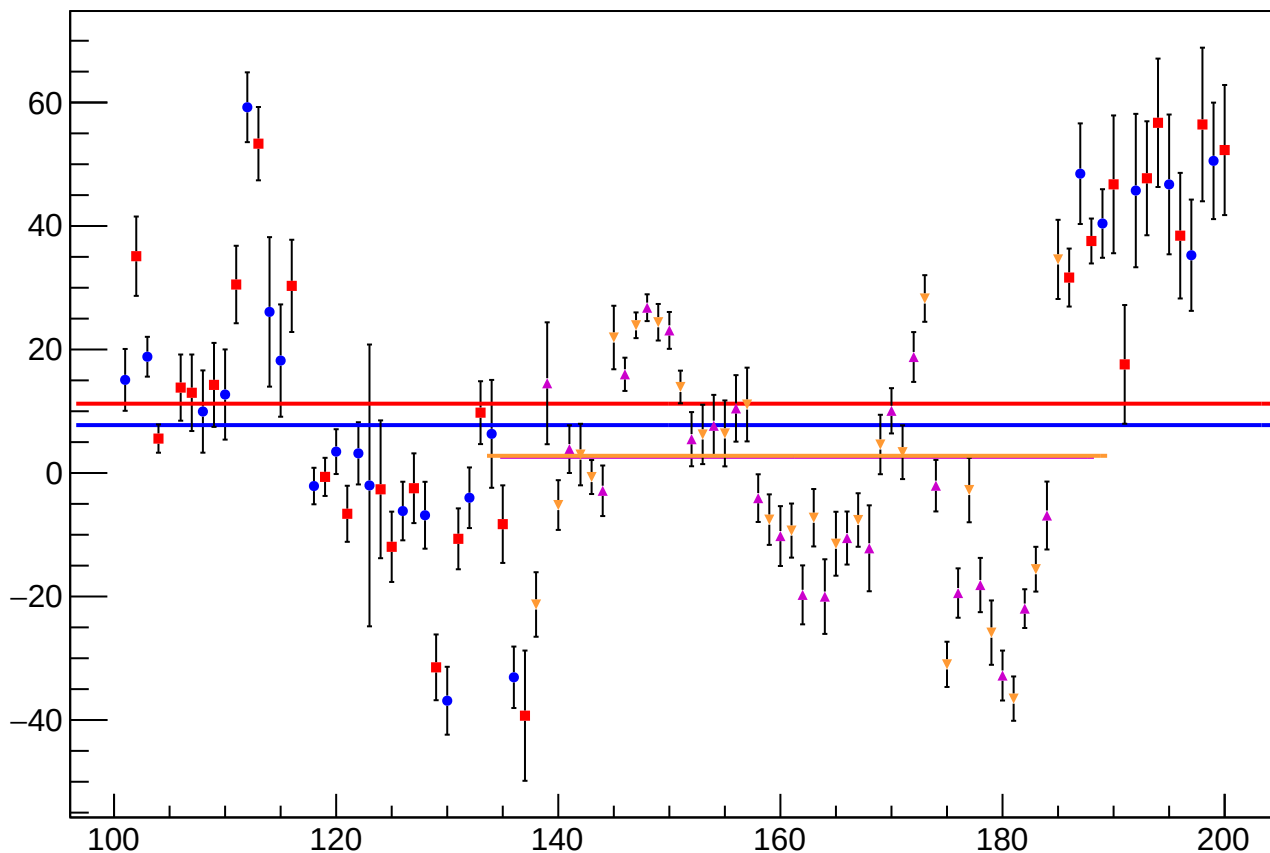
Left In: -218.216 ± 1.063 χ^2/NDF : 3499.0/22

+ sign -220.414 ± 0.973 χ^2/NDF : 4929.6/30

All: -228.910 ± 0.669 χ^2/NDF : 12688.4/62

- sign -236.549 ± 0.922 χ^2/NDF : 7613.9/31

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 7.756 ± 1.154 χ^2/NDF : 380.2/22

Left Out: 2.786 ± 0.780 χ^2/NDF : 582.0/24

Right Out: 11.225 ± 1.038 χ^2/NDF : 409.9/26

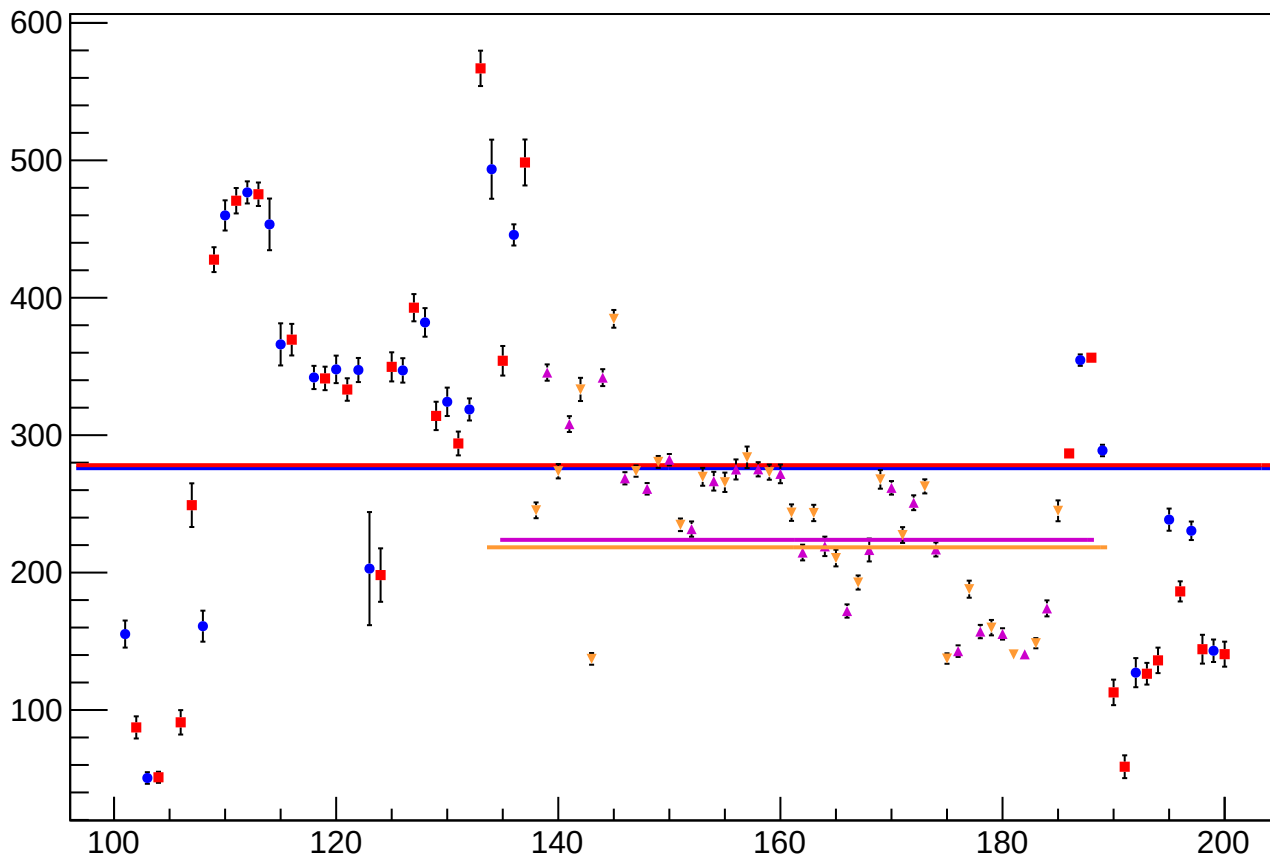
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 4.346 ± 0.646 χ^2/NDF : 975.0/47

All: 5.141 ± 0.456 χ^2/NDF : 1907.8/97

- sign 5.929 ± 0.644 χ^2/NDF : 929.8/49

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 275.972 $\pm$ 1.612 χ^2 /NDF: 6008.7/22

Left Out: 218.389 $\pm$ 1.038 χ^2 /NDF:3696.7/24

Right Out: 278.149 $\pm$ 1.232 χ^2 /NDF: 10082.3/26

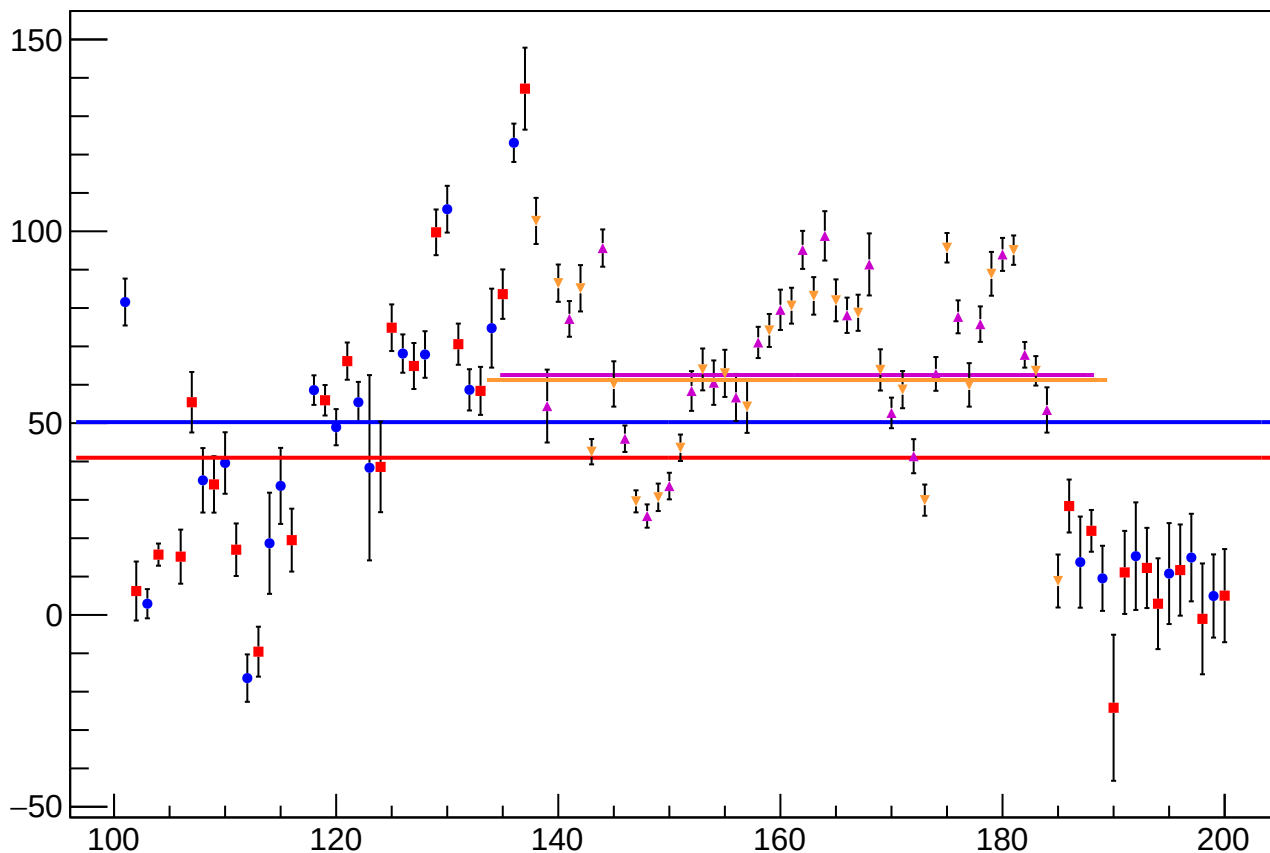
Left In: 223.827 $\pm$ 1.058 χ^2 /NDF:3444.7/22

+ sign 235.261 $\pm$ 0.873 χ^2 /NDF: 10607.6/47

All: 241.556 $\pm$ 0.591 χ^2 /NDF: 25348.8/97

- sign 246.887 $\pm$ 0.803 χ^2 /NDF: 14645.1/49

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 50.259 $\pm$ 1.356 χ^2 /NDF: 716.3/22

Left Out: 61.240 $\pm$ 0.903 χ^2 /NDF: 718.8/24

Right Out: 40.980 $\pm$ 1.249 χ^2 /NDF: 618.6/26

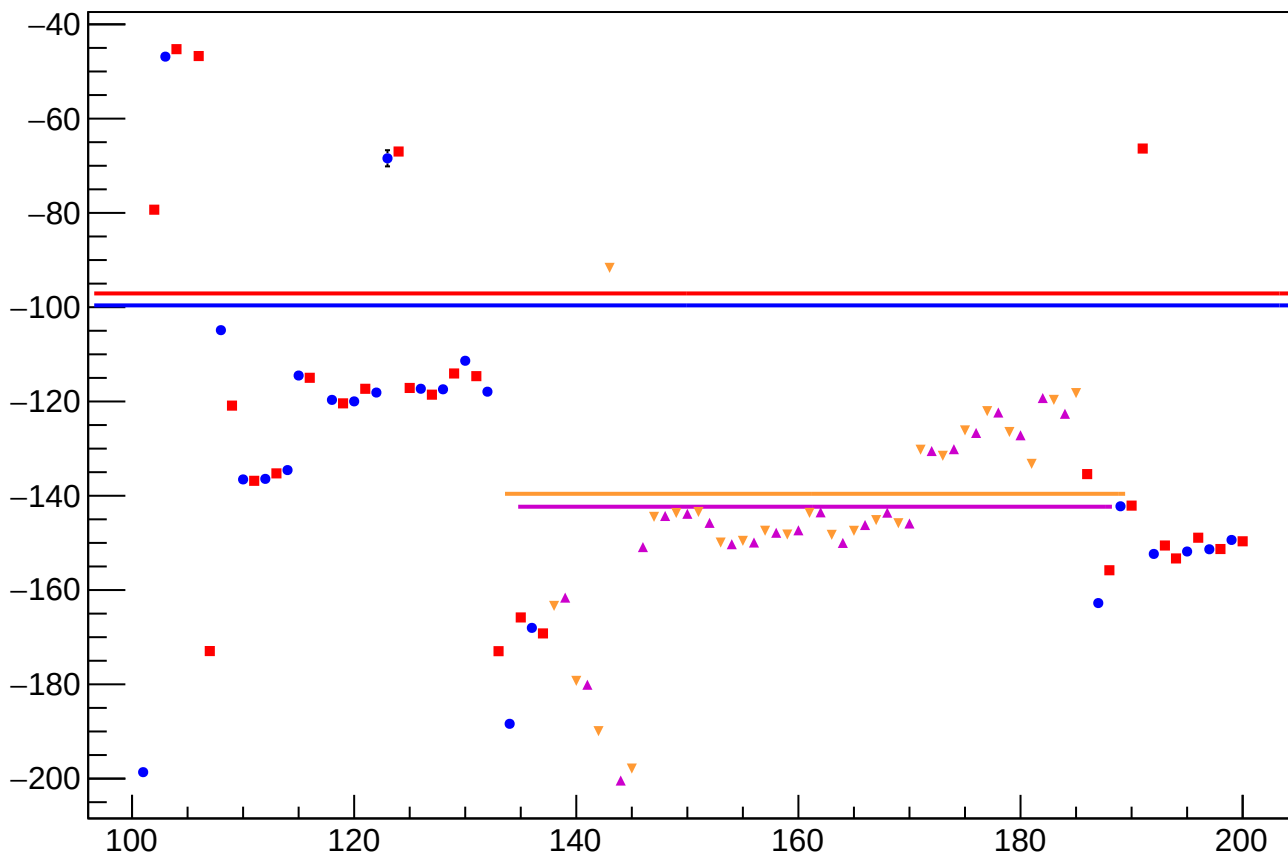
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 57.869 $\pm$ 0.751 χ^2 /NDF: 1480.6/47

All: 56.302 $\pm$ 0.531 χ^2 /NDF: 2818.0/97

- sign 54.737 $\pm$ 0.751 χ^2 /NDF: 1328.8/49

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -99.619 ± 0.062 $\chi^2/\text{NDF}: 645873.5/22$

Left Out: -139.585 ± 0.043 $\chi^2/\text{NDF}: 243895.1/24$

Right Out: -97.083 ± 0.057 $\chi^2/\text{NDF}: 694198.9/26$

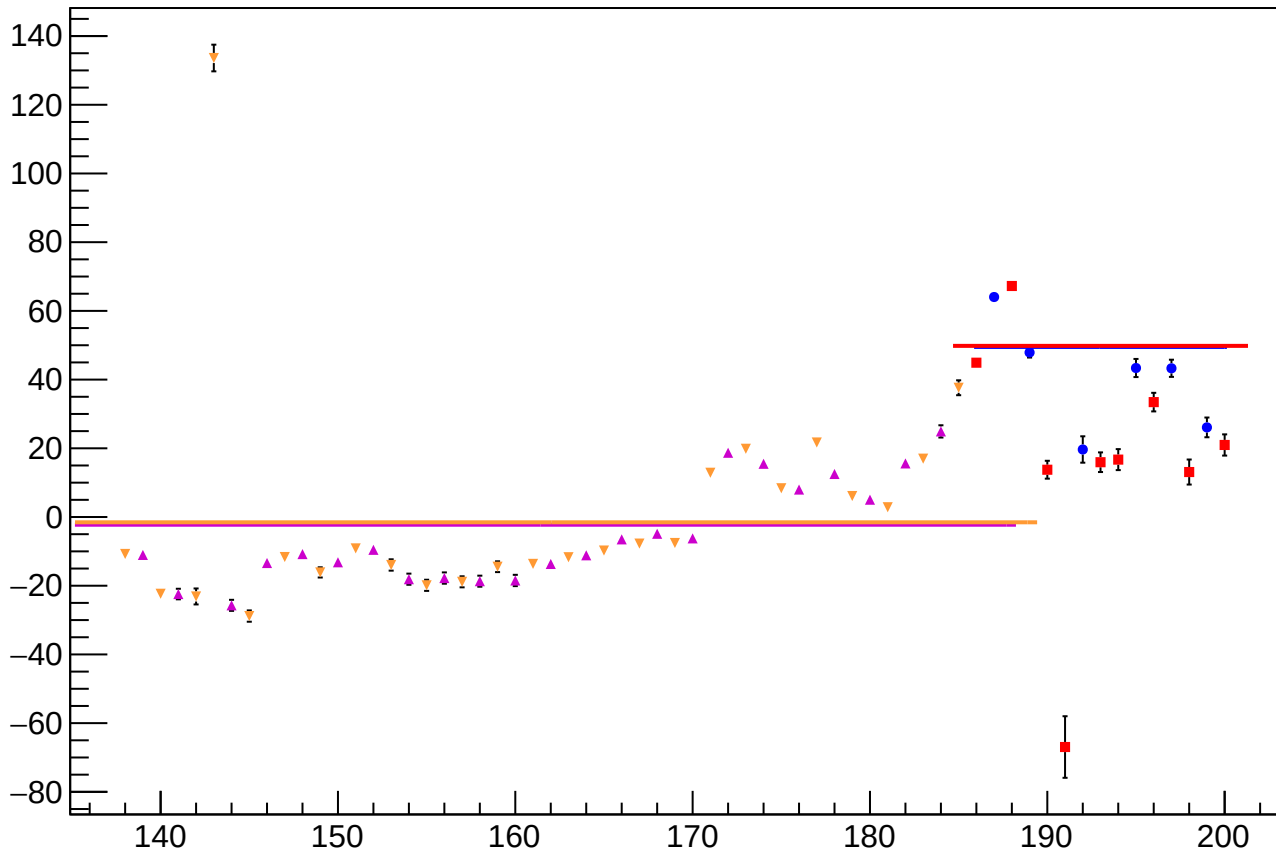
Left In: -142.326 ± 0.044 $\chi^2/\text{NDF}: 144642.3/22$

+ sign -126.688 ± 0.035 $\chi^2/\text{NDF}: 1167252.5/47$

All: -126.116 ± 0.025 $\chi^2/\text{NDF}: 2399954.2/97$

- sign -125.565 ± 0.035 $\chi^2/\text{NDF}: 1232191.9/49$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 49.514 $\pm$ 0.826 χ^2 /NDF: 248.6/5

Left Out: -1.540 $\pm$ 0.268 χ^2 /NDF: 4129.1/24

Right Out: 49.819 $\pm$ 0.519 χ^2 /NDF: 1383.7/8

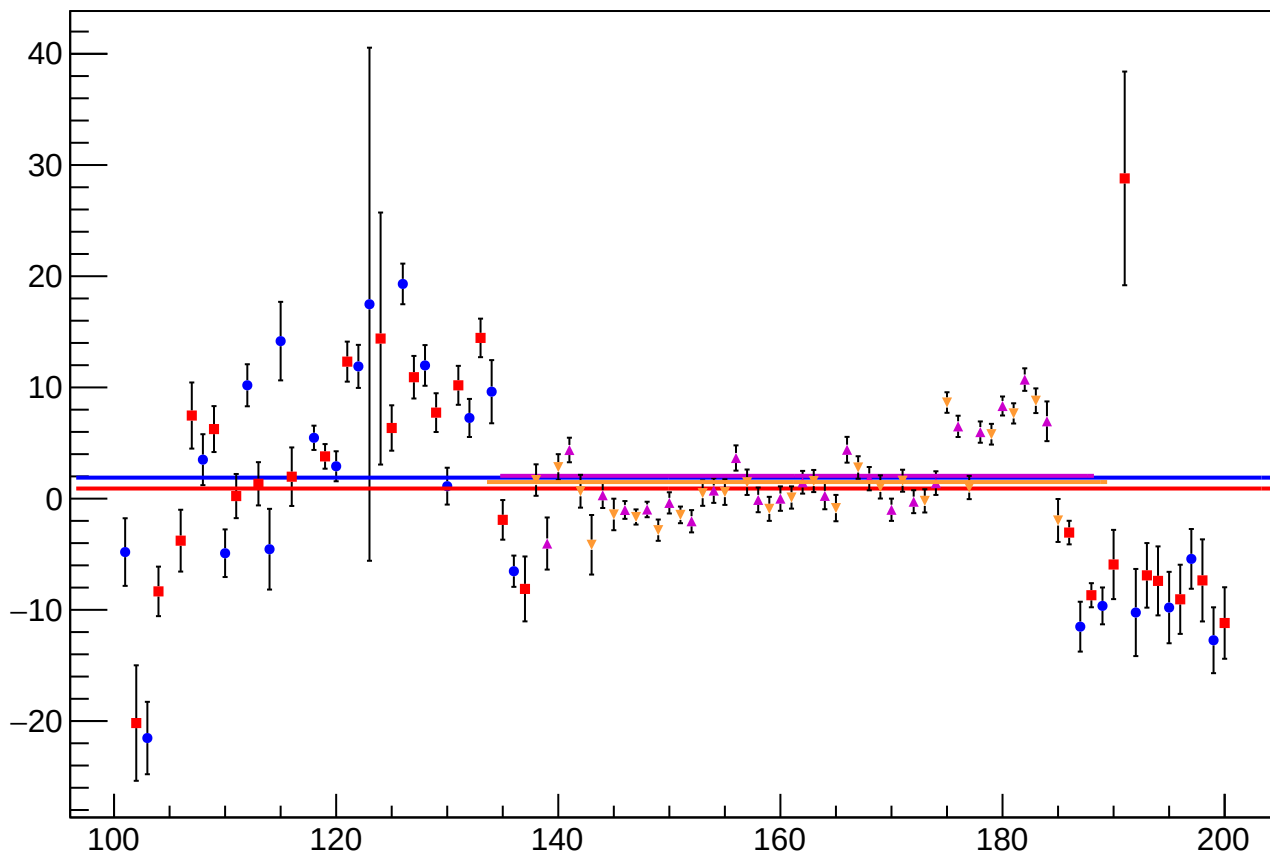
Left In: -2.244 $\pm$ 0.270 χ^2 /NDF: 2561.6/22

+ sign 3.317 $\pm$ 0.255 χ^2 /NDF: 7837.9/30

All: 6.237 $\pm$ 0.174 χ^2 /NDF: 19953.9/62

- sign 8.812 $\pm$ 0.239 χ^2 /NDF: 11868.7/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 1.888 ± 0.422 χ^2/NDF : 453.6/22

Left Out: 1.492 ± 0.210 χ^2/NDF : 258.3/24

Right Out: 0.909 ± 0.384 χ^2/NDF : 397.4/26

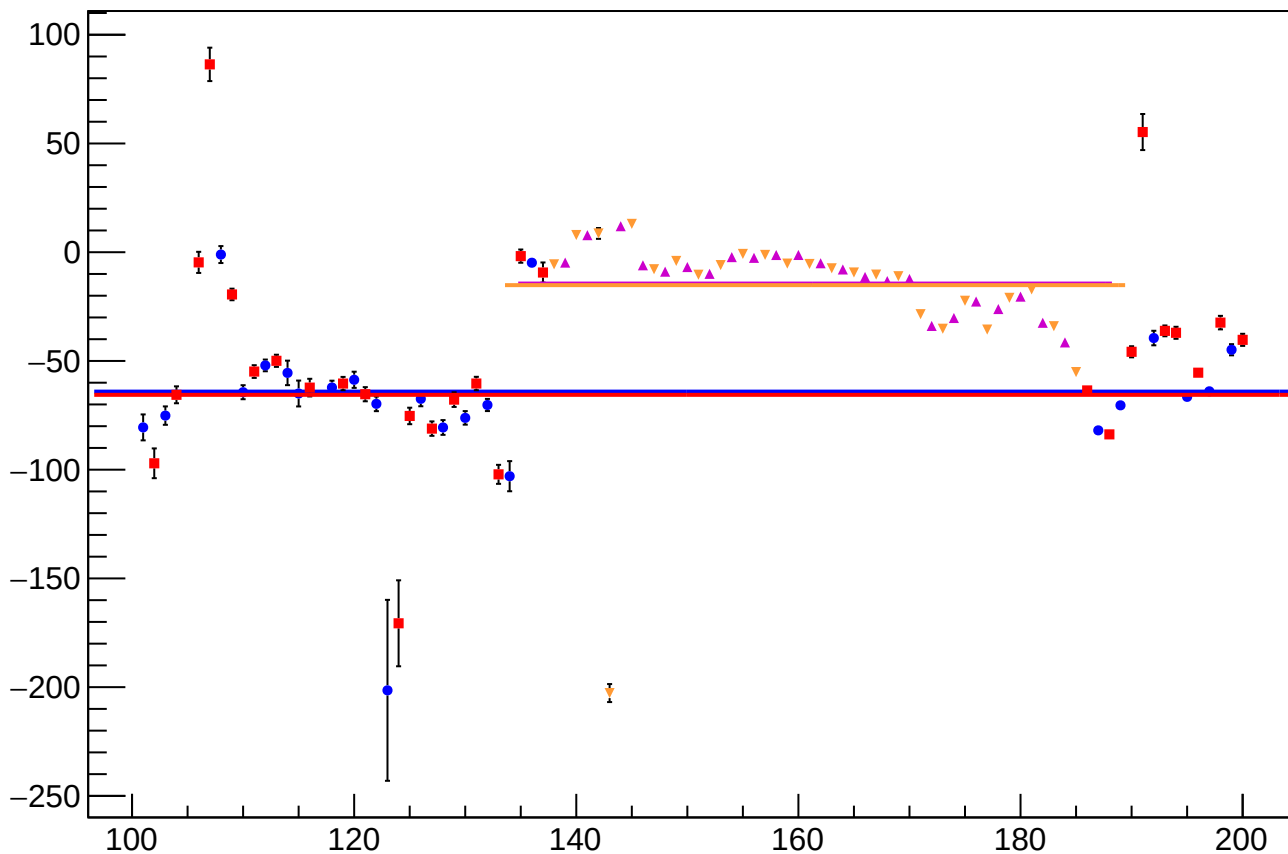
Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

+ sign 1.571 ± 0.188 χ^2/NDF : 712.7/47

All: 1.675 ± 0.133 χ^2/NDF : 1392.8/97

- sign 1.779 ± 0.187 χ^2/NDF : 679.6/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -64.096 ± 0.539 χ^2/NDF : 1520.4/22

Left Out: -15.140 ± 0.267 χ^2/NDF : 4451.9/24

Right Out: -65.578 ± 0.380 χ^2/NDF : 3233.4/26

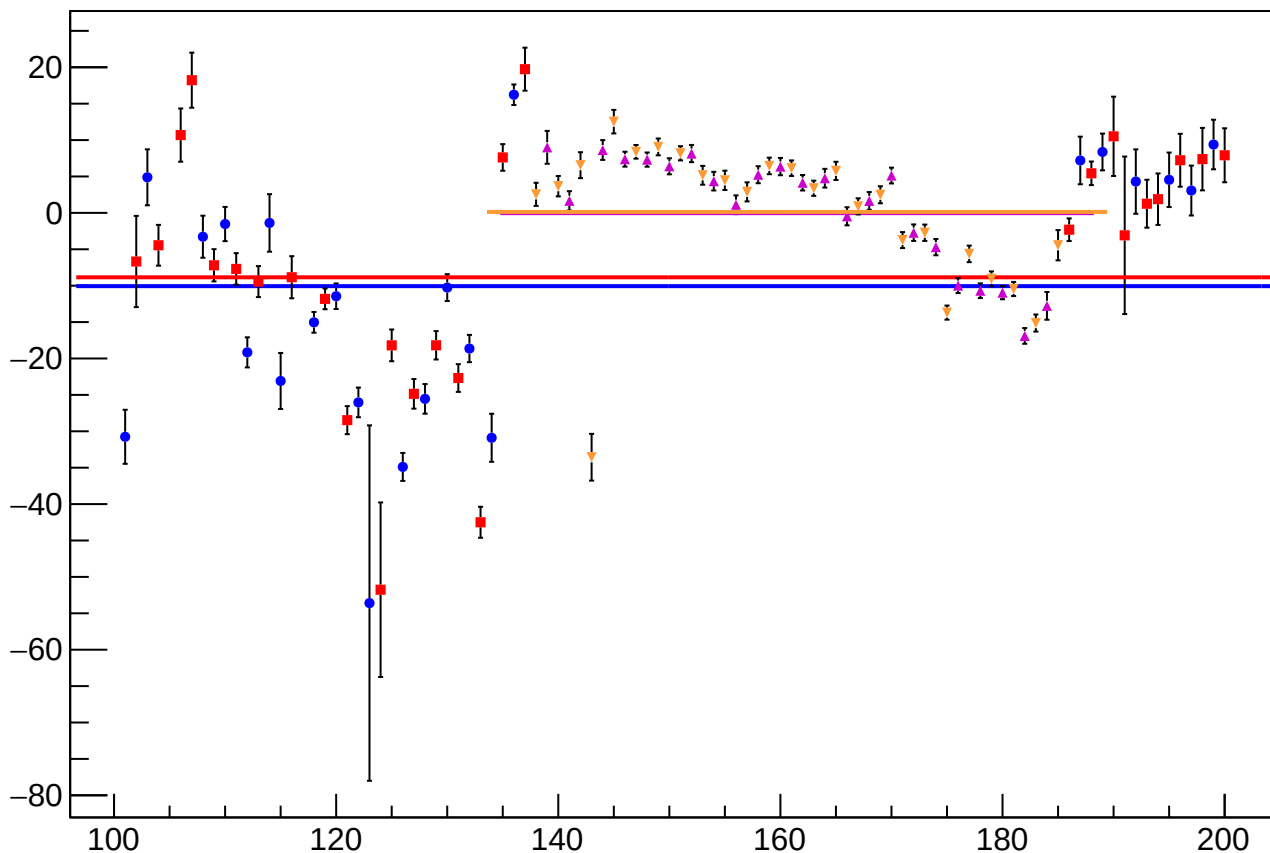
Left In: -14.415 ± 0.268 χ^2/NDF : 2065.7/22

+ sign -24.786 ± 0.239 χ^2/NDF : 12603.5/47

All: -28.384 ± 0.162 χ^2/NDF : 30415.7/97

- sign -31.404 ± 0.219 χ^2/NDF : 17395.7/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -10.063 ± 0.494 χ^2/NDF : 965.7/22

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -8.849 ± 0.463 χ^2/NDF : 966.2/26

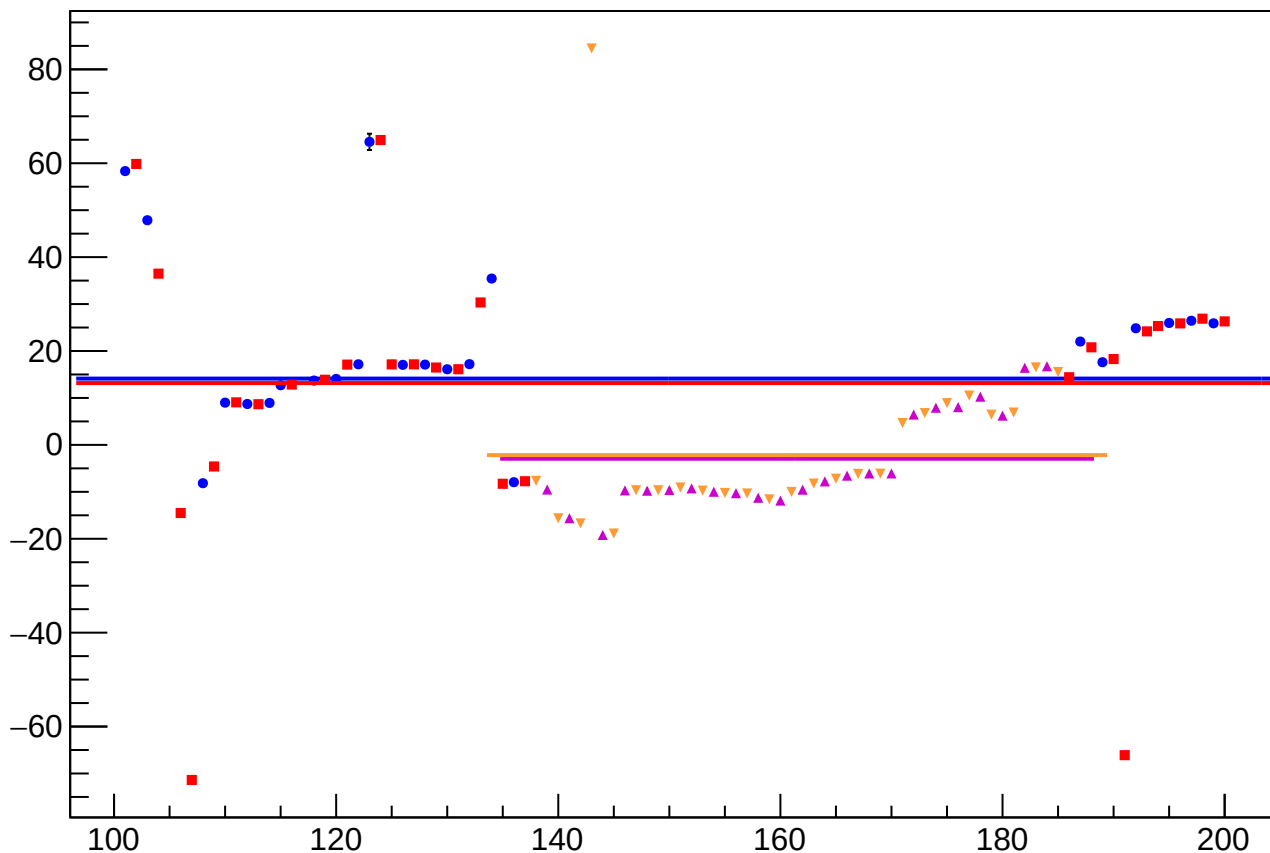
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.794 ± 0.215 χ^2/NDF : 2458.5/47

All: -1.863 ± 0.152 χ^2/NDF : 4736.8/97

- sign -1.931 ± 0.215 χ^2/NDF : 2278.2/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 14.124 $\pm$ 0.026 χ^2 /NDF: 440421.1/22

Left Out: -2.176 $\pm$ 0.011 χ^2 /NDF: 1047394.9/24

Right Out: 13.170 $\pm$ 0.024 χ^2 /NDF: 716248.7/26

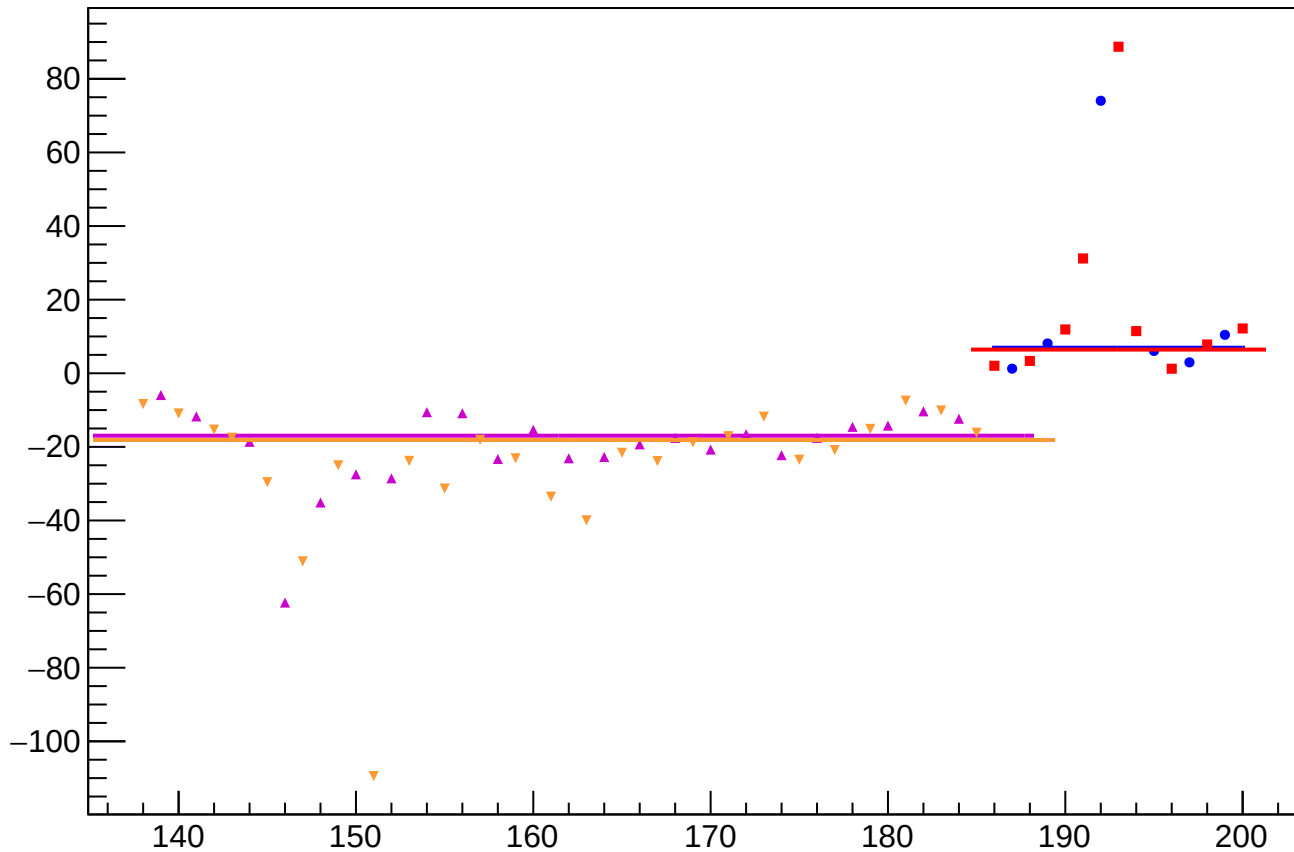
Left In: -2.949 $\pm$ 0.011 χ^2 /NDF: 770702.4/22

+ sign 0.271 $\pm$ 0.010 χ^2 /NDF: 1821990.7/47

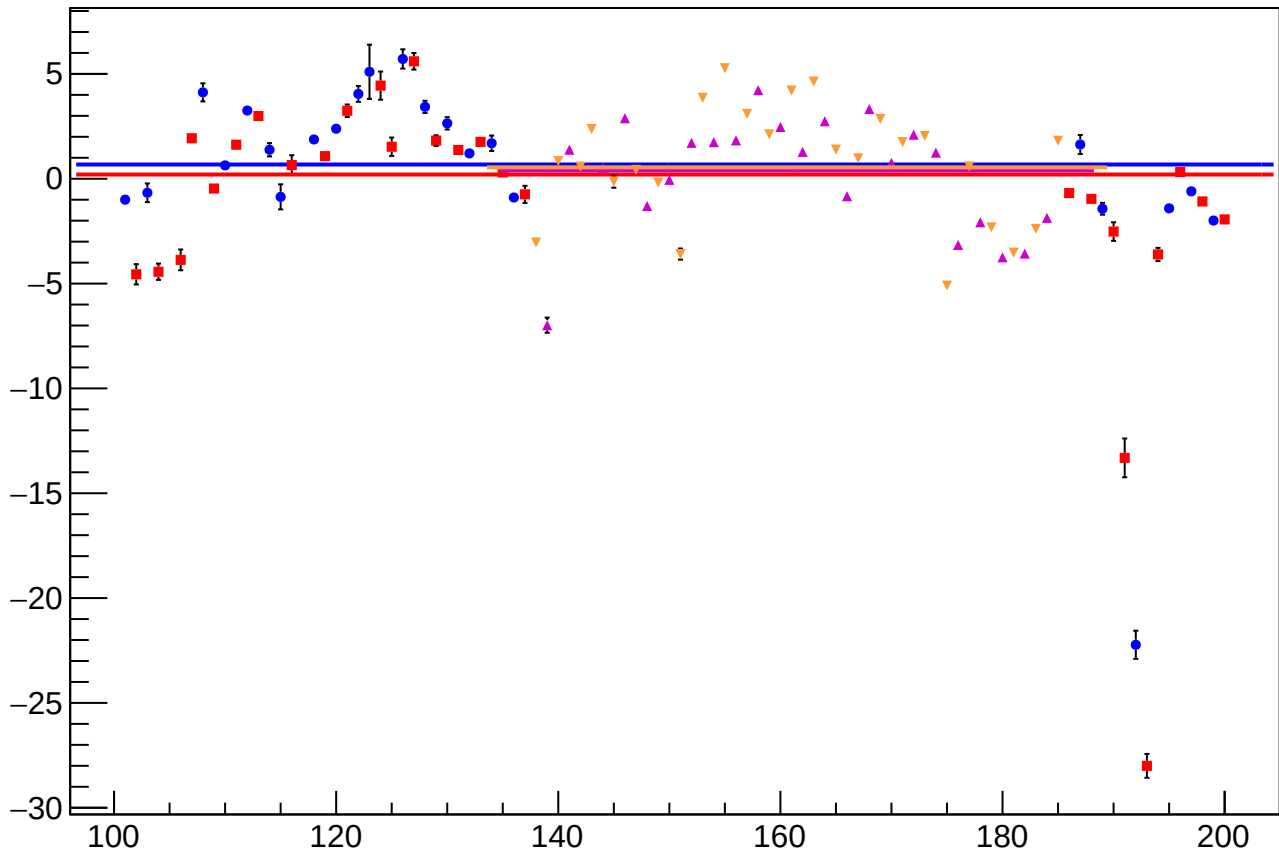
All: 0.030 $\pm$ 0.007 χ^2 /NDF: 3678694.5/97

- sign -0.207 $\pm$ 0.010 χ^2 /NDF: 1855571.1/49

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 0.679 ± 0.052 χ^2/NDF : 2410.4/22

Left Out: 0.543 ± 0.032 χ^2/NDF : 7067.6/24

Right Out: 0.202 ± 0.048 χ^2/NDF : 4216.9/26

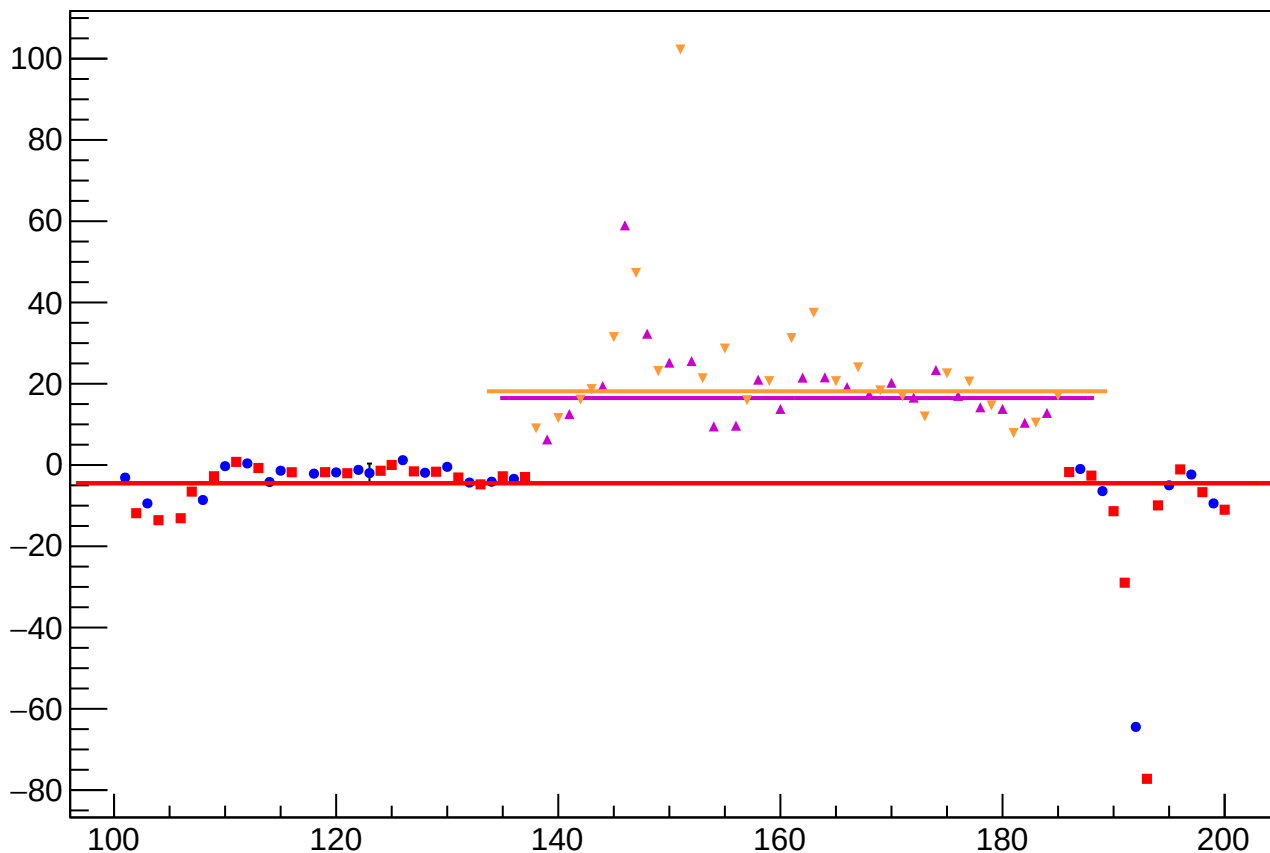
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.581 ± 0.028 χ^2/NDF : 9482.9/47

All: 0.454 ± 0.019 χ^2/NDF : 20037.8/97

- sign 0.342 ± 0.026 χ^2/NDF : 10515.0/49

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -4.514 ± 0.063 $\chi^2/\text{NDF}: 13044.7/22$

Left Out: 18.147 ± 0.039 $\chi^2/\text{NDF}: 77805.7/24$

Right Out: -4.457 ± 0.051 $\chi^2/\text{NDF}: 27533.3/26$

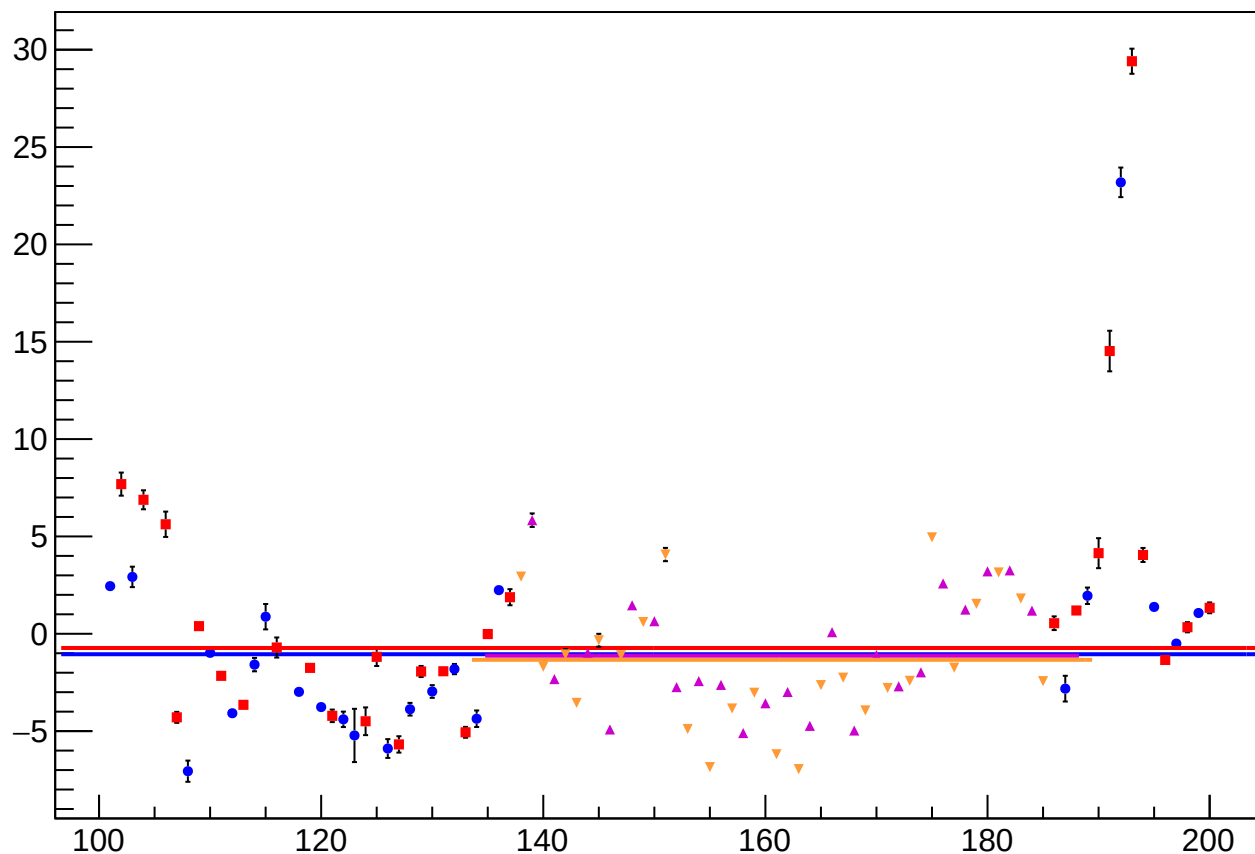
Left In: 16.477 ± 0.038 $\chi^2/\text{NDF}: 41326.5/22$

+ sign 11.791 ± 0.033 $\chi^2/\text{NDF}: 184898.2/47$

All: 10.284 ± 0.022 $\chi^2/\text{NDF}: 367562.6/97$

- sign 9.036 ± 0.030 $\chi^2/\text{NDF}: 178897.6/49$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.051 ± 0.061 χ^2/NDF : 2701.3/22

Left Out: -1.338 ± 0.036 χ^2/NDF : 7920.8/24

Right Out: -0.730 ± 0.057 χ^2/NDF : 4434.4/26

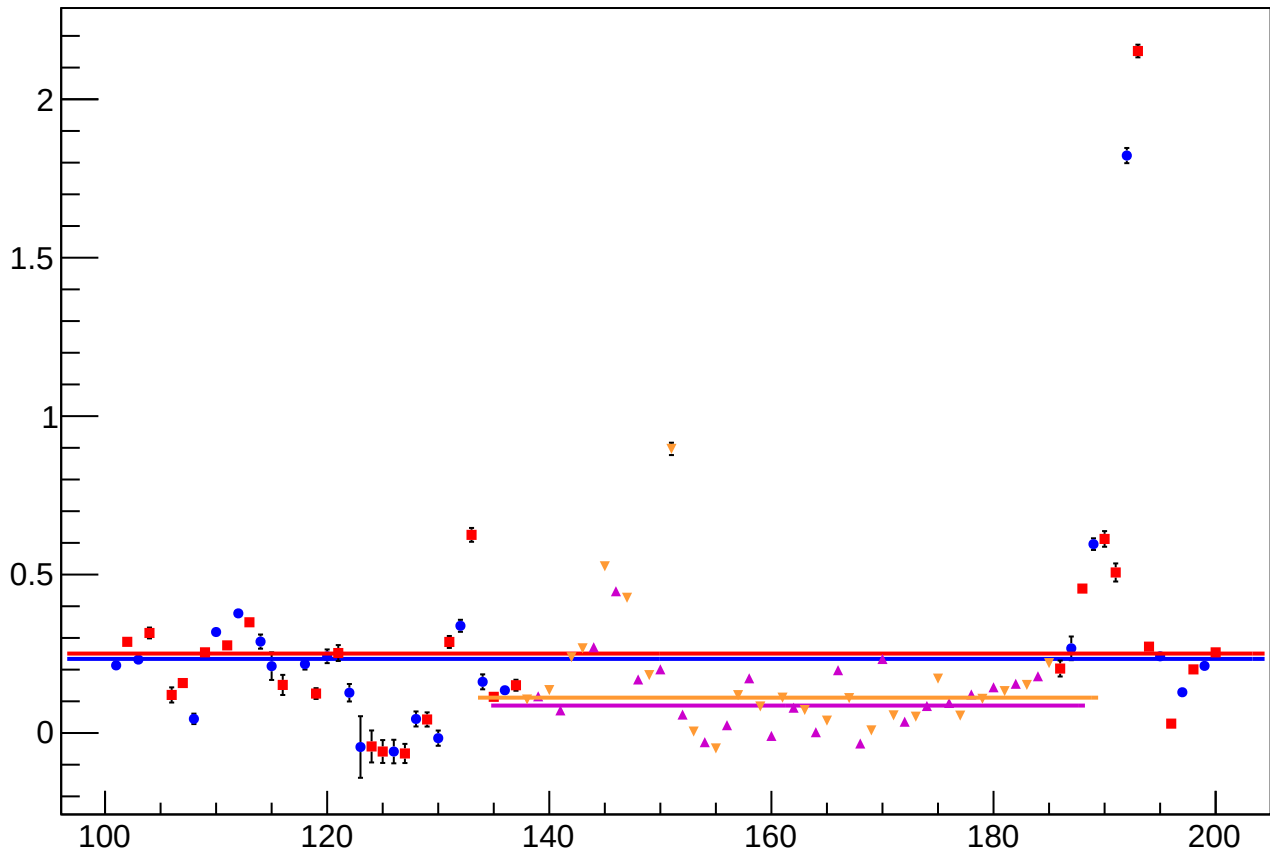
Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

+ sign -1.264 ± 0.031 χ^2/NDF : 10638.3/47

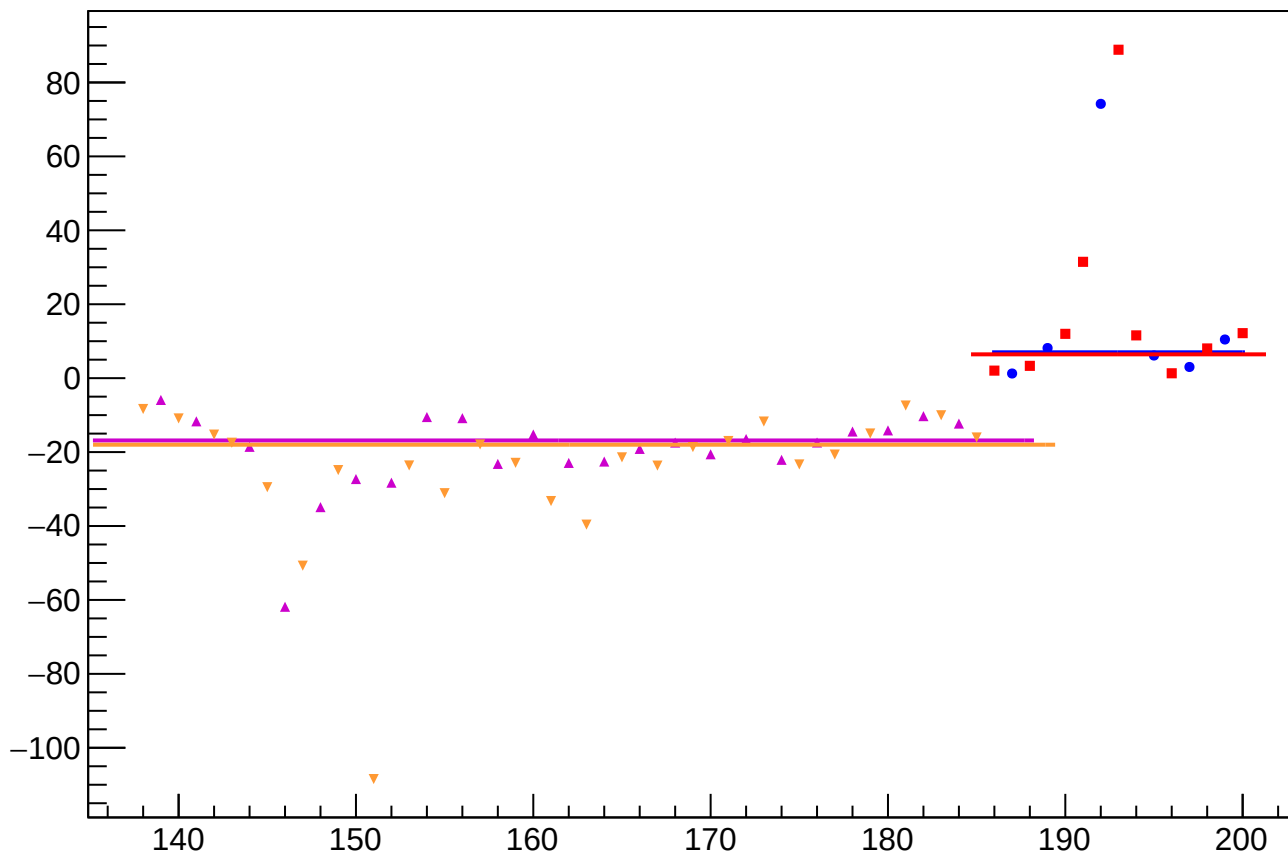
All: -1.136 ± 0.021 χ^2/NDF : 21920.4/97

- sign -1.022 ± 0.029 χ^2/NDF : 11249.7/49

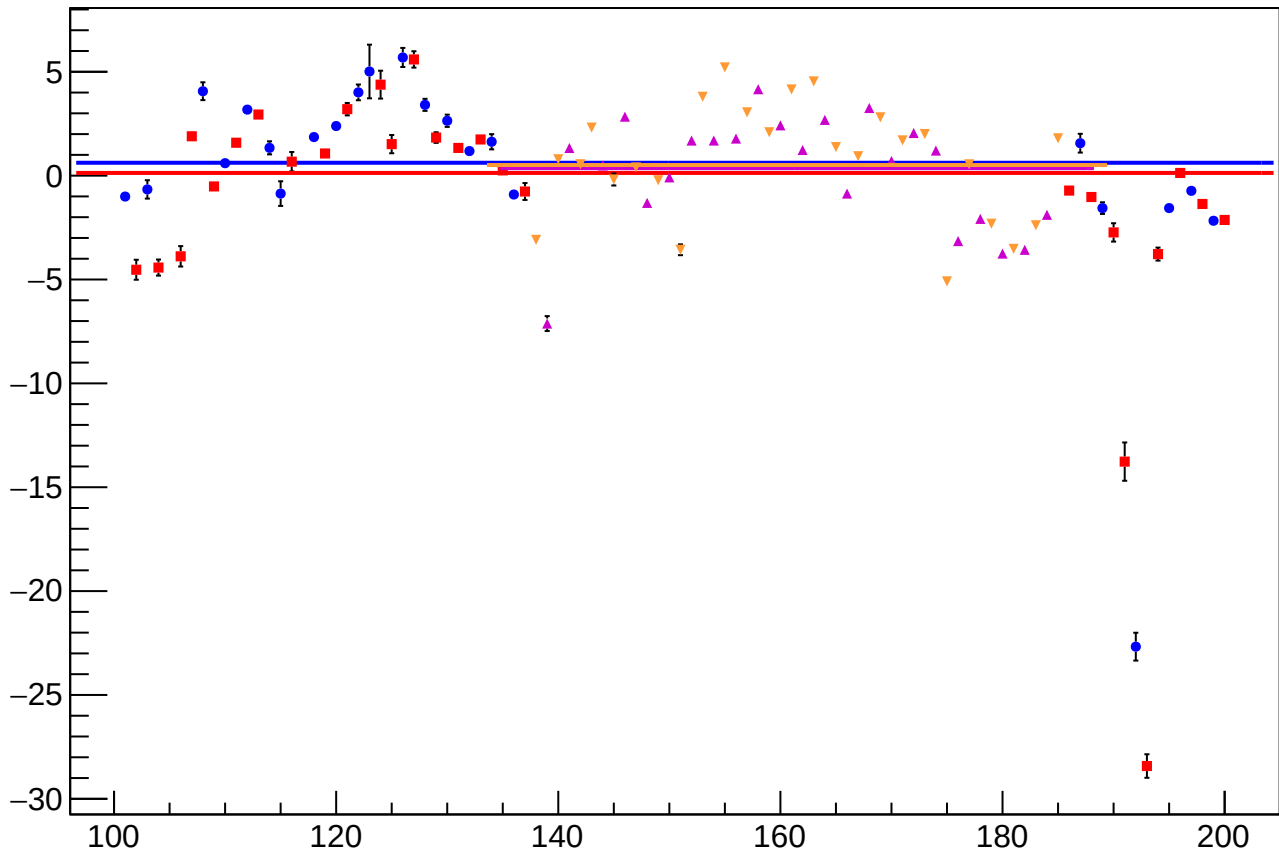
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 0.620 ± 0.052 χ^2/NDF : 2511.4/22

Left Out: 0.511 ± 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.131 ± 0.048 χ^2/NDF : 4378.9/26

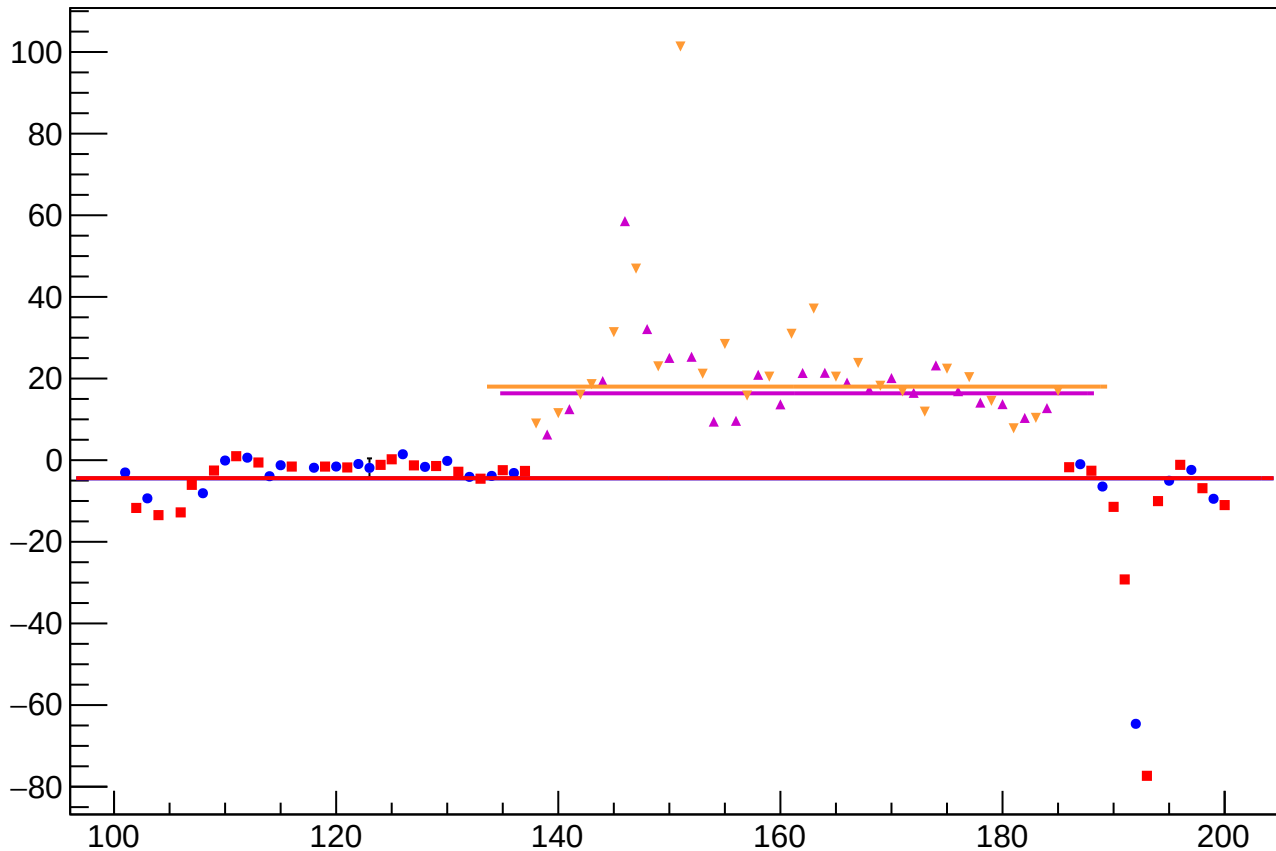
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.541 ± 0.027 χ^2/NDF : 9567.6/47

All: 0.410 ± 0.019 χ^2/NDF : 20279.5/97

- sign 0.295 ± 0.026 χ^2/NDF : 10668.8/49

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -4.465 ± 0.062 $\chi^2/\text{NDF}: 13284.7/22$

Left Out: 18.023 ± 0.039 $\chi^2/\text{NDF}: 77674.0/24$

Right Out: -4.403 ± 0.050 $\chi^2/\text{NDF}: 27999.2/26$

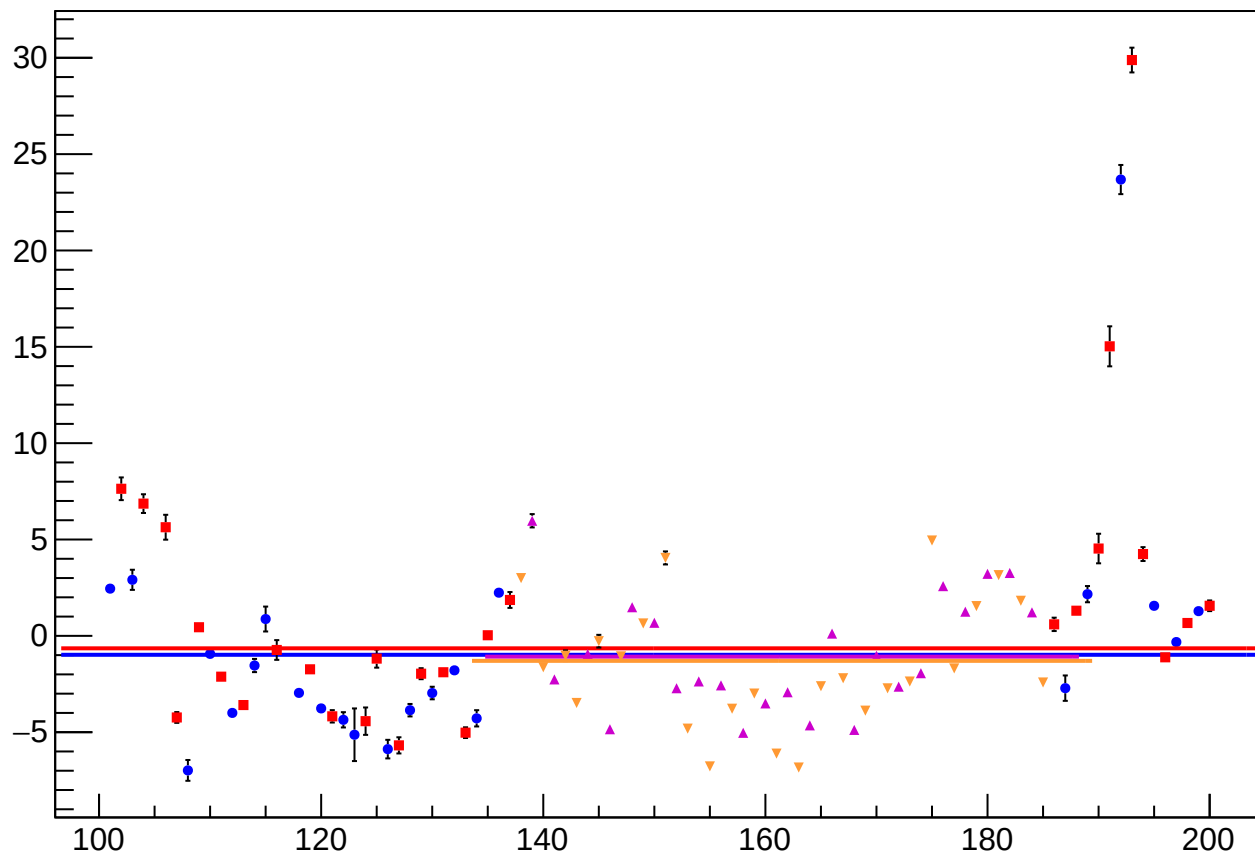
Left In: 16.377 ± 0.037 $\chi^2/\text{NDF}: 41253.5/22$

+ sign 11.737 ± 0.033 $\chi^2/\text{NDF}: 184587.4/47$

All: 10.227 ± 0.022 $\chi^2/\text{NDF}: 367721.1/97$

- sign 8.979 ± 0.030 $\chi^2/\text{NDF}: 179307.8/49$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -0.983 ± 0.061 χ^2/NDF : 2784.6/22

Left Out: -1.297 ± 0.036 χ^2/NDF : 7903.2/24

Right Out: -0.647 ± 0.056 χ^2/NDF : 4586.3/26

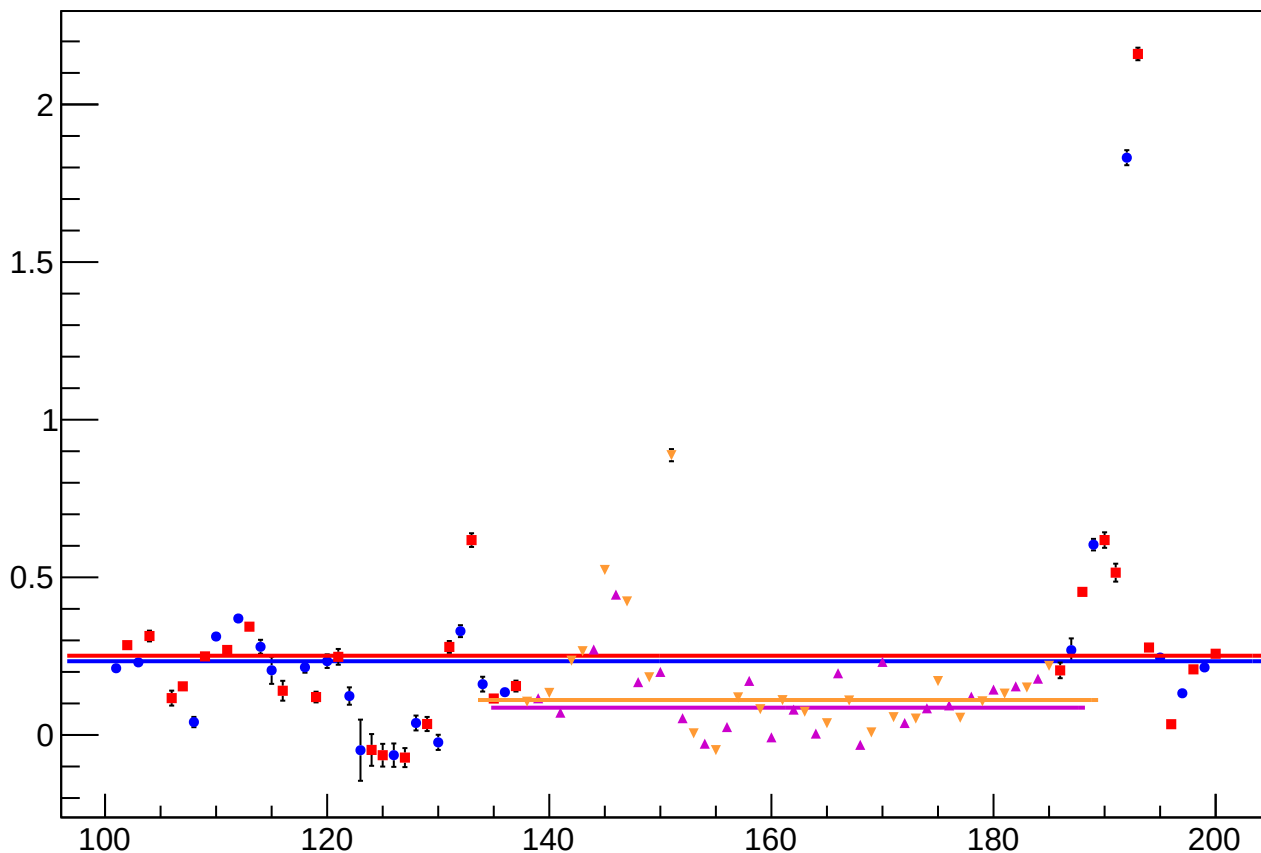
Left In: -1.081 ± 0.034 χ^2/NDF : 6764.0/22

+ sign -1.217 ± 0.031 χ^2/NDF : 10707.6/47

All: -1.084 ± 0.021 χ^2/NDF : 22136.9/97

- sign -0.966 ± 0.029 χ^2/NDF : 11394.0/49

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.234 $\pm$ 0.003 χ^2 /NDF: 5808.0/22

Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF: 4452.0/24

Right Out: 0.251 $\pm$ 0.003 χ^2 /NDF: 11775.2/26

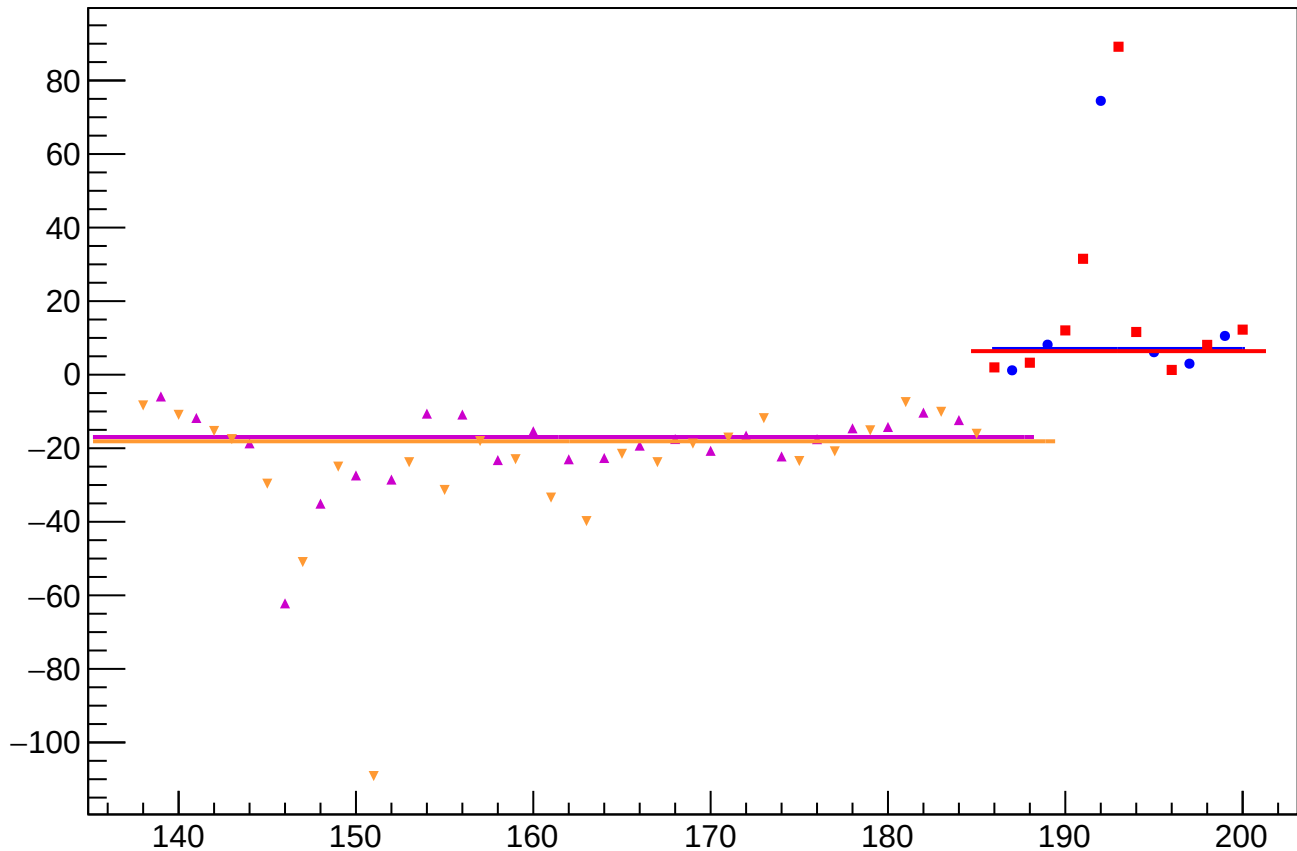
Left In: 0.087 $\pm$ 0.001 χ^2 /NDF: 3631.4/22

+ sign 0.140 $\pm$ 0.001 χ^2 /NDF: 11660.0/47

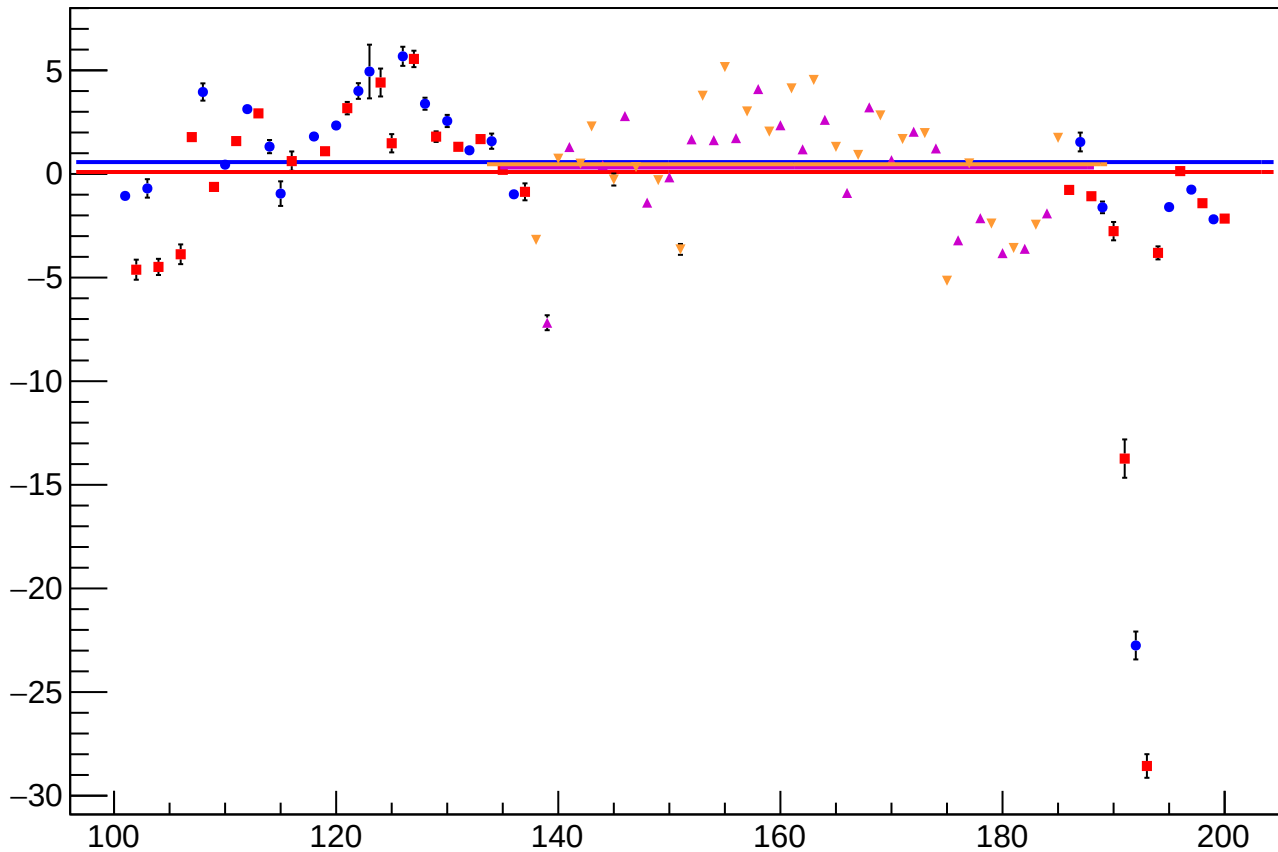
All: 0.133 $\pm$ 0.001 χ^2 /NDF: 30113.1/97

- sign 0.127 $\pm$ 0.001 χ^2 /NDF: 18406.2/49

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.573 ± 0.052 χ^2/NDF : 2493.9/22

Left Out: 0.469 ± 0.032 χ^2/NDF : 7076.8/24

Right Out: 0.094 ± 0.048 χ^2/NDF : 4375.9/26

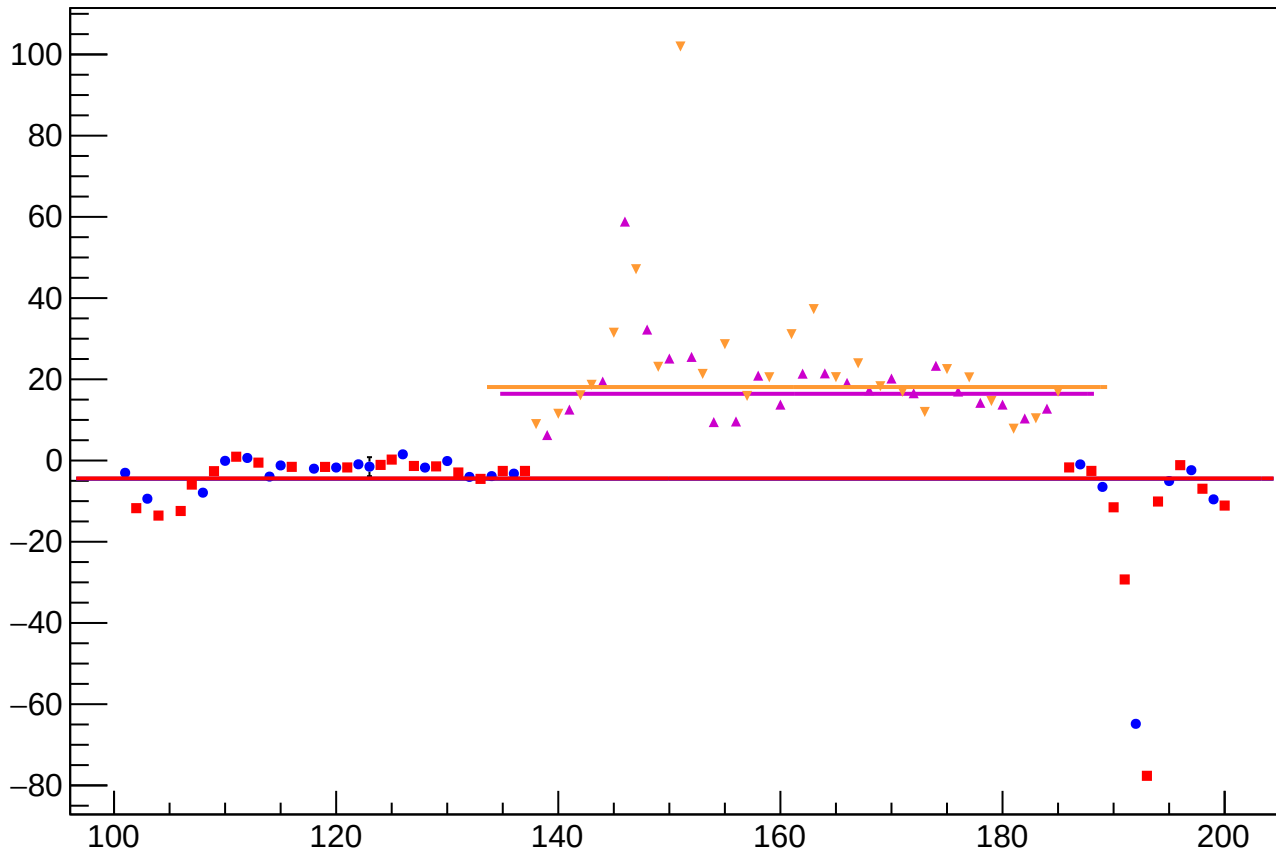
Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

+ sign 0.498 ± 0.028 χ^2/NDF : 9573.6/47

All: 0.366 ± 0.019 χ^2/NDF : 20242.3/97

- sign 0.250 ± 0.026 χ^2/NDF : 10625.6/49

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -4.488 $\pm$ 0.063 χ^2/NDF : 13296.6/22

Left Out: 18.098 $\pm$ 0.039 χ^2/NDF : 77793.7/24

Right Out: -4.408 $\pm$ 0.050 χ^2/NDF : 28013.1/26

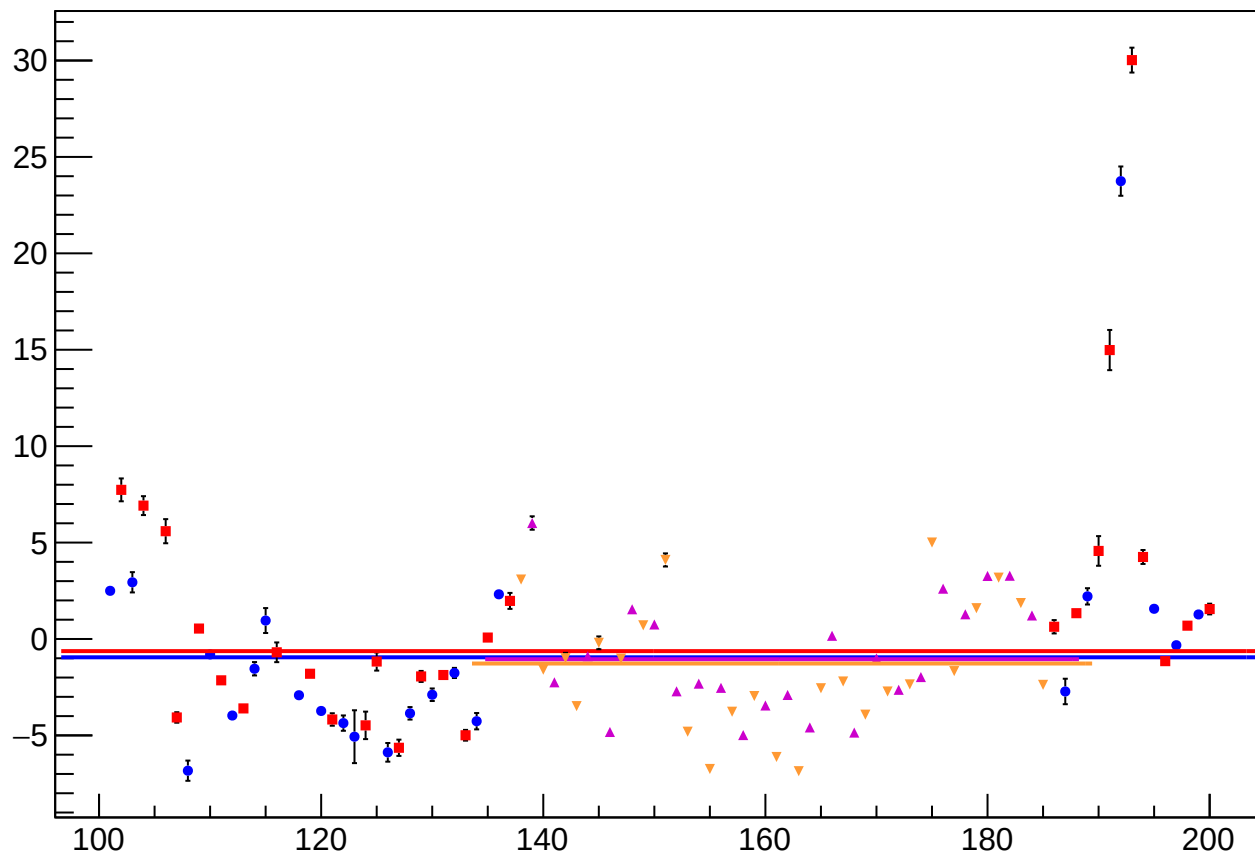
Left In: 16.431 $\pm$ 0.038 χ^2/NDF : 41337.1/22

+ sign 11.801 $\pm$ 0.033 χ^2/NDF : 184467.6/47

All: 10.265 $\pm$ 0.022 χ^2/NDF : 367769.6/97

- sign 8.998 $\pm$ 0.030 χ^2/NDF : 179382.0/49

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -0.950 ± 0.061 χ^2/NDF : 2773.0/22

Left Out: -1.273 ± 0.036 χ^2/NDF : 7931.0/24

Right Out: -0.630 ± 0.056 χ^2/NDF : 4587.1/26

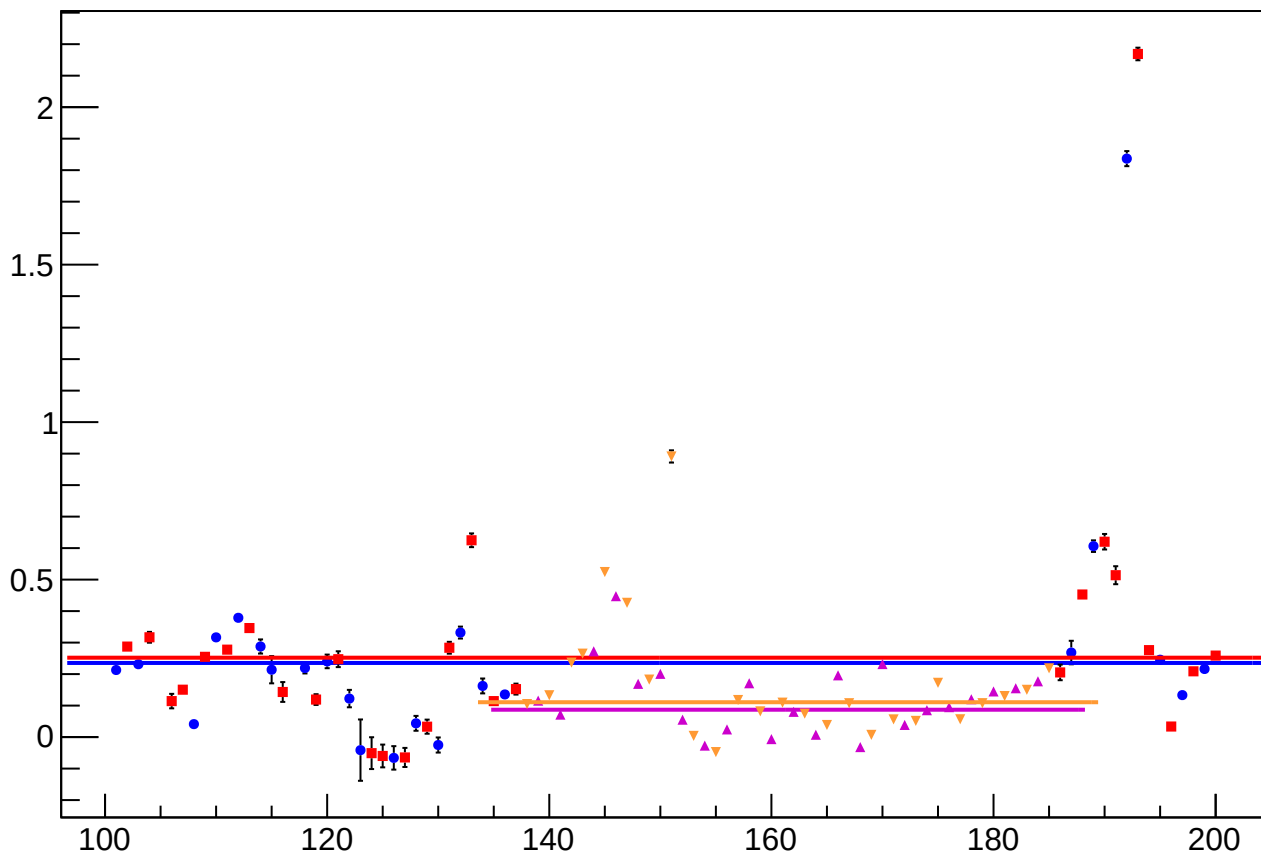
Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

+ sign -1.191 ± 0.031 χ^2/NDF : 10724.6/47

All: -1.057 ± 0.021 χ^2/NDF : 22100.8/97

- sign -0.938 ± 0.029 χ^2/NDF : 11340.9/49

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.235+/-0.003 χ^2/NDF : 5823.5/22

Left Out: 0.111+/-0.002 χ^2/NDF : 4430.3/24

Right Out: 0.252+/-0.003 χ^2/NDF : 11790.3/26

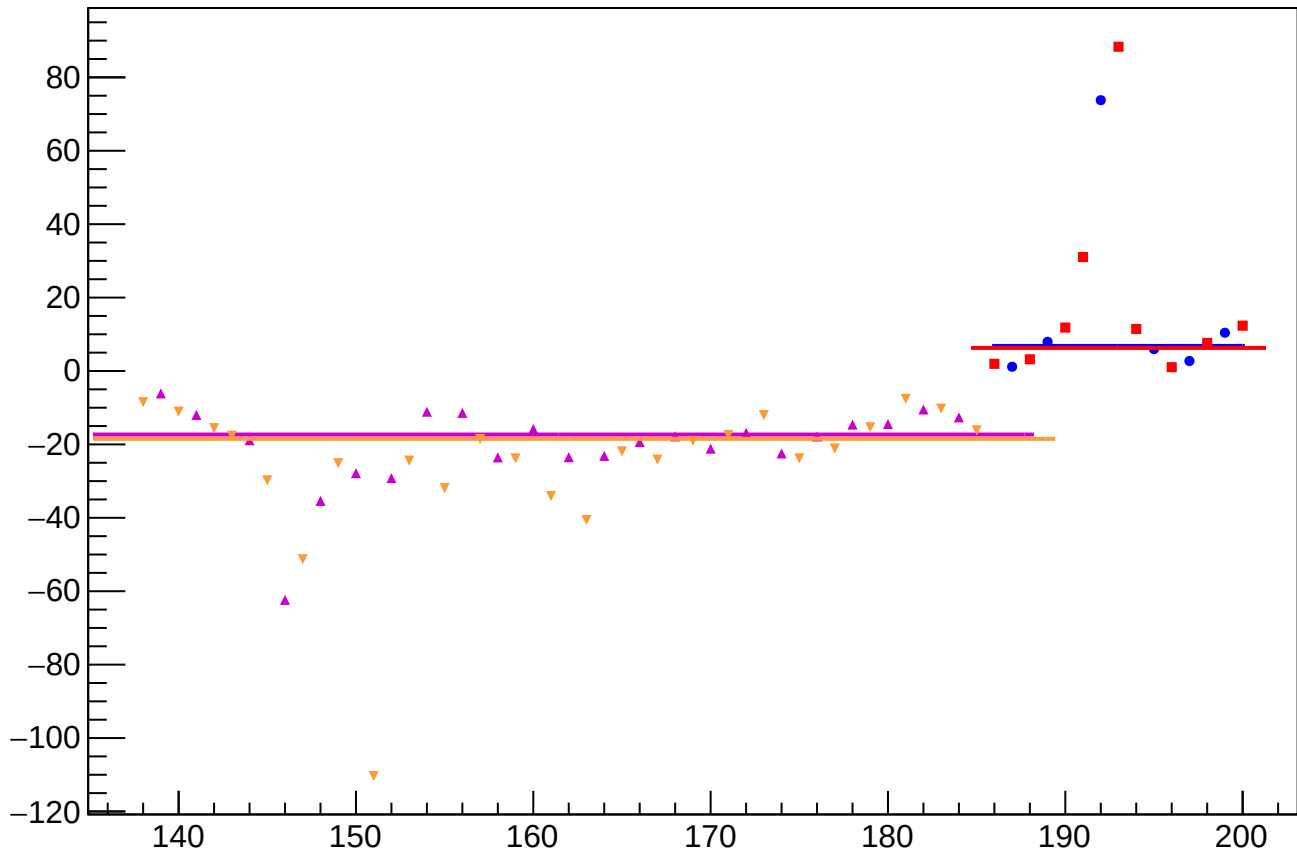
Left In: 0.087+/-0.001 χ^2/NDF : 3604.3/22

+ sign 0.140+/-0.001 χ^2/NDF : 11676.2/47

All: 0.133+/-0.001 χ^2/NDF : 30106.6/97

- sign 0.127+/-0.001 χ^2/NDF : 18386.0/49

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 6.829 ± 0.091 $\chi^2/\text{NDF}: 11586.8/5$

Left Out: -18.478 ± 0.040 $\chi^2/\text{NDF}: 87856.5/24$

Right Out: 6.289 ± 0.071 $\chi^2/\text{NDF}: 25465.5/8$

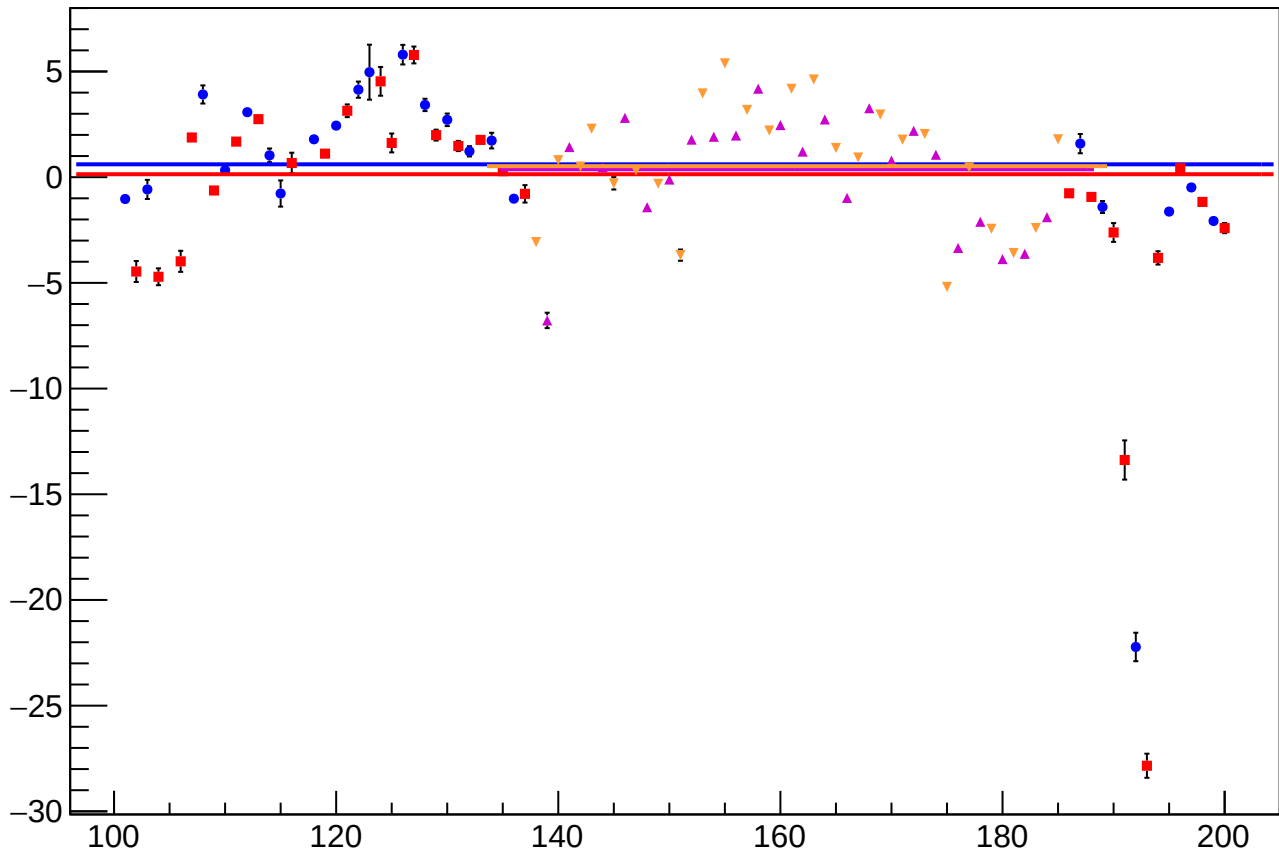
Left In: -17.309 ± 0.039 $\chi^2/\text{NDF}: 43807.0/22$

+ sign -14.409 ± 0.036 $\chi^2/\text{NDF}: 164617.0/30$

All: -13.033 ± 0.025 $\chi^2/\text{NDF}: 322417.5/62$

- sign -11.833 ± 0.034 $\chi^2/\text{NDF}: 155125.1/31$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.609 ± 0.053 χ^2/NDF : 2387.9/22

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.140 ± 0.049 χ^2/NDF : 4217.7/26

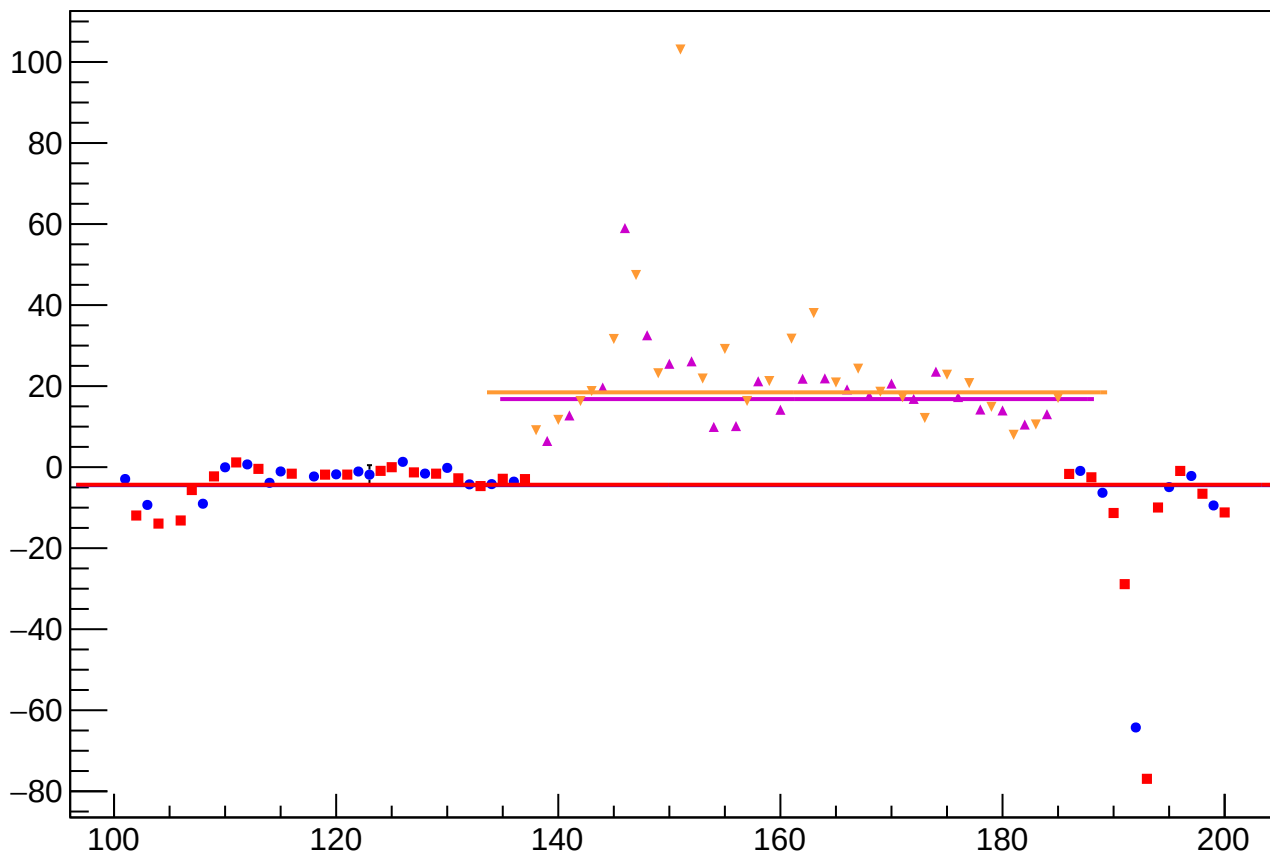
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.546 ± 0.028 χ^2/NDF : 9428.1/47

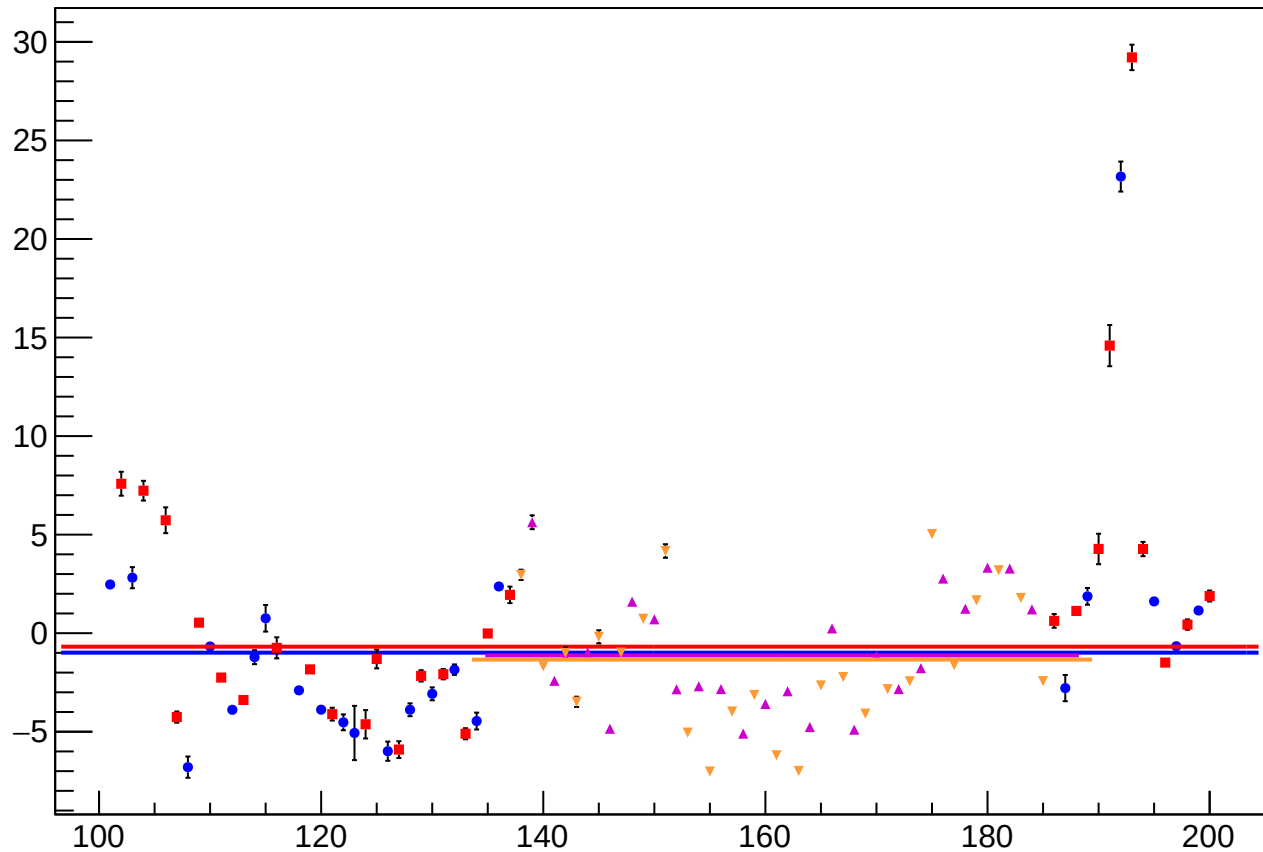
All: 0.418 ± 0.019 χ^2/NDF : 19964.8/97

- sign 0.305 ± 0.026 χ^2/NDF : 10497.7/49

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.988 ± 0.062 χ^2/NDF : 2681.4/22

Left Out: -1.341 ± 0.037 χ^2/NDF : 7886.0/24

Right Out: -0.684 ± 0.057 χ^2/NDF : 4433.2/26

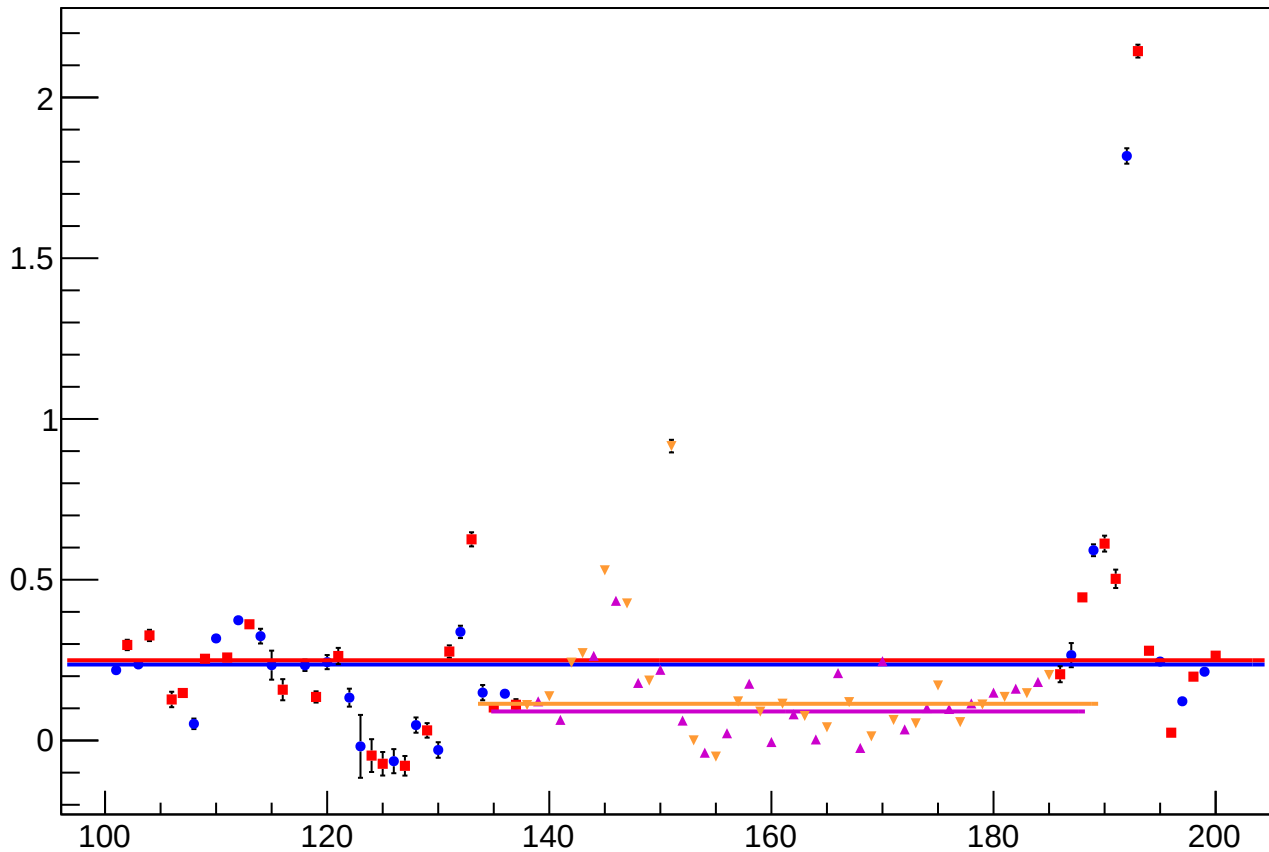
Left In: -1.132 ± 0.035 χ^2/NDF : 6743.4/22

+ sign -1.250 ± 0.032 χ^2/NDF : 10591.3/47

All: -1.123 ± 0.022 χ^2/NDF : 21842.7/97

- sign -1.011 ± 0.030 χ^2/NDF : 11221.1/49

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.236 ± 0.003 χ^2/NDF : 5645.7/22

Left Out: 0.114 ± 0.002 χ^2/NDF : 4382.5/24

Right Out: 0.250 ± 0.003 χ^2/NDF : 11636.9/26

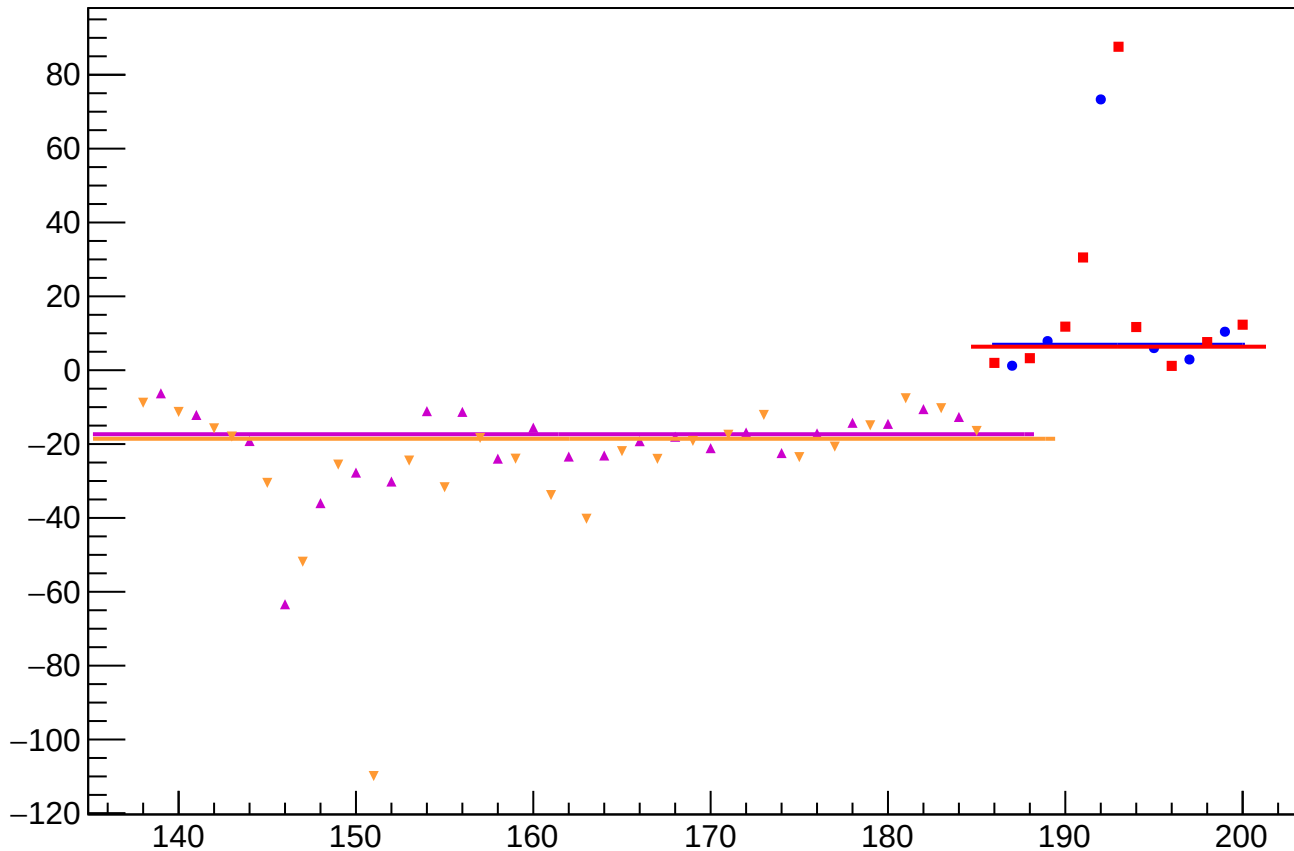
Left In: 0.090 ± 0.002 χ^2/NDF : 3679.2/22

+ sign 0.143 ± 0.001 χ^2/NDF : 11356.6/47

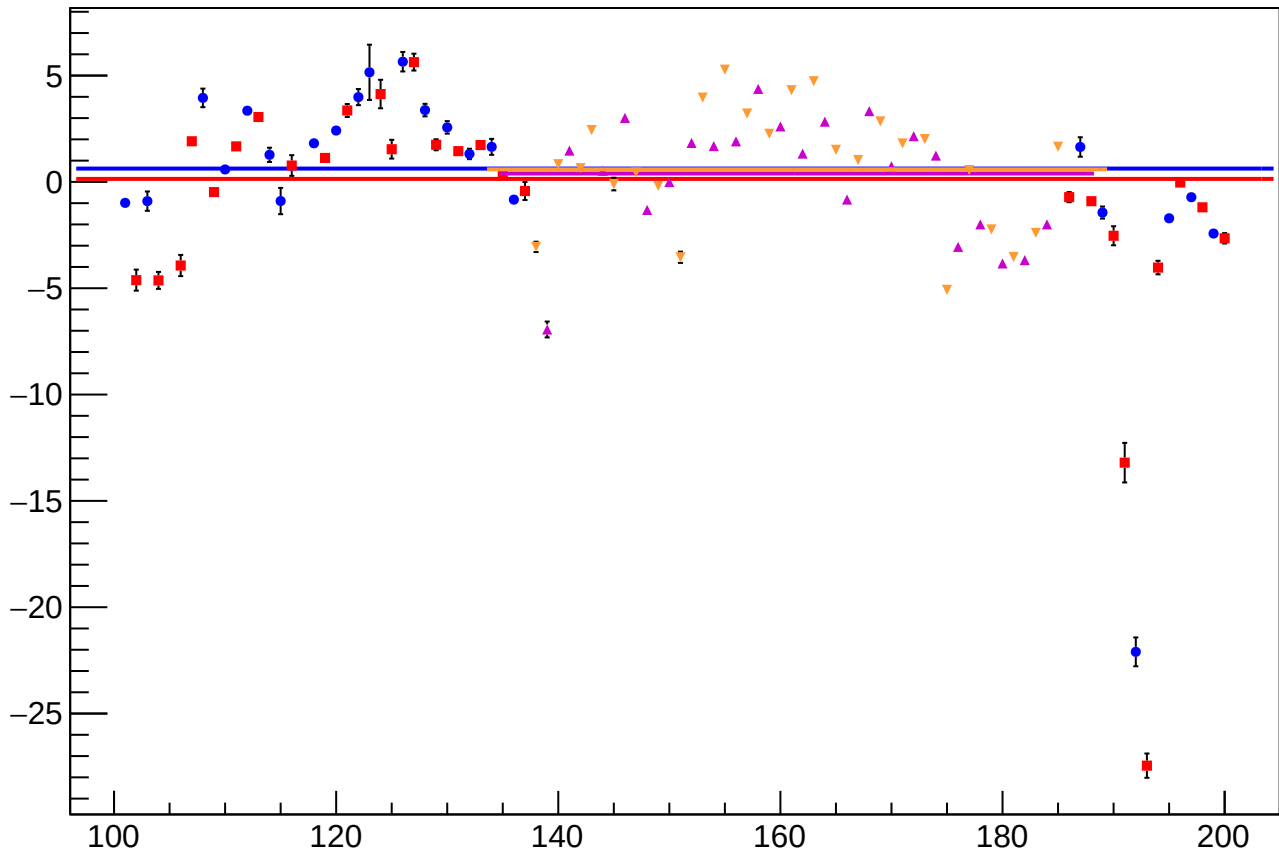
All: 0.136 ± 0.001 χ^2/NDF : 29414.5/97

- sign 0.130 ± 0.001 χ^2/NDF : 18010.7/49

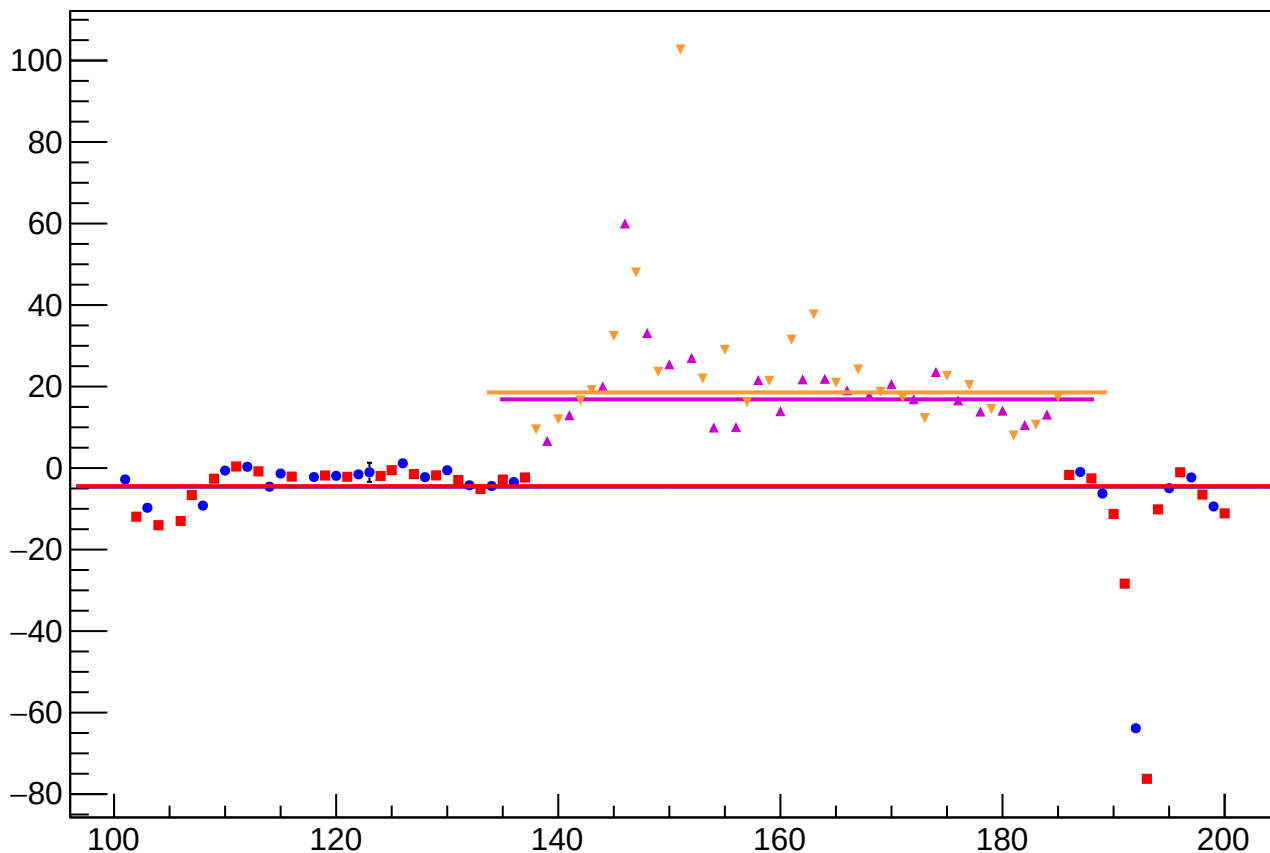
reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -4.552 ± 0.064 $\chi^2/\text{NDF}: 12505.7/22$

Left Out: 18.569 ± 0.040 $\chi^2/\text{NDF}: 75983.2/24$

Right Out: -4.467 ± 0.052 $\chi^2/\text{NDF}: 26633.9/26$

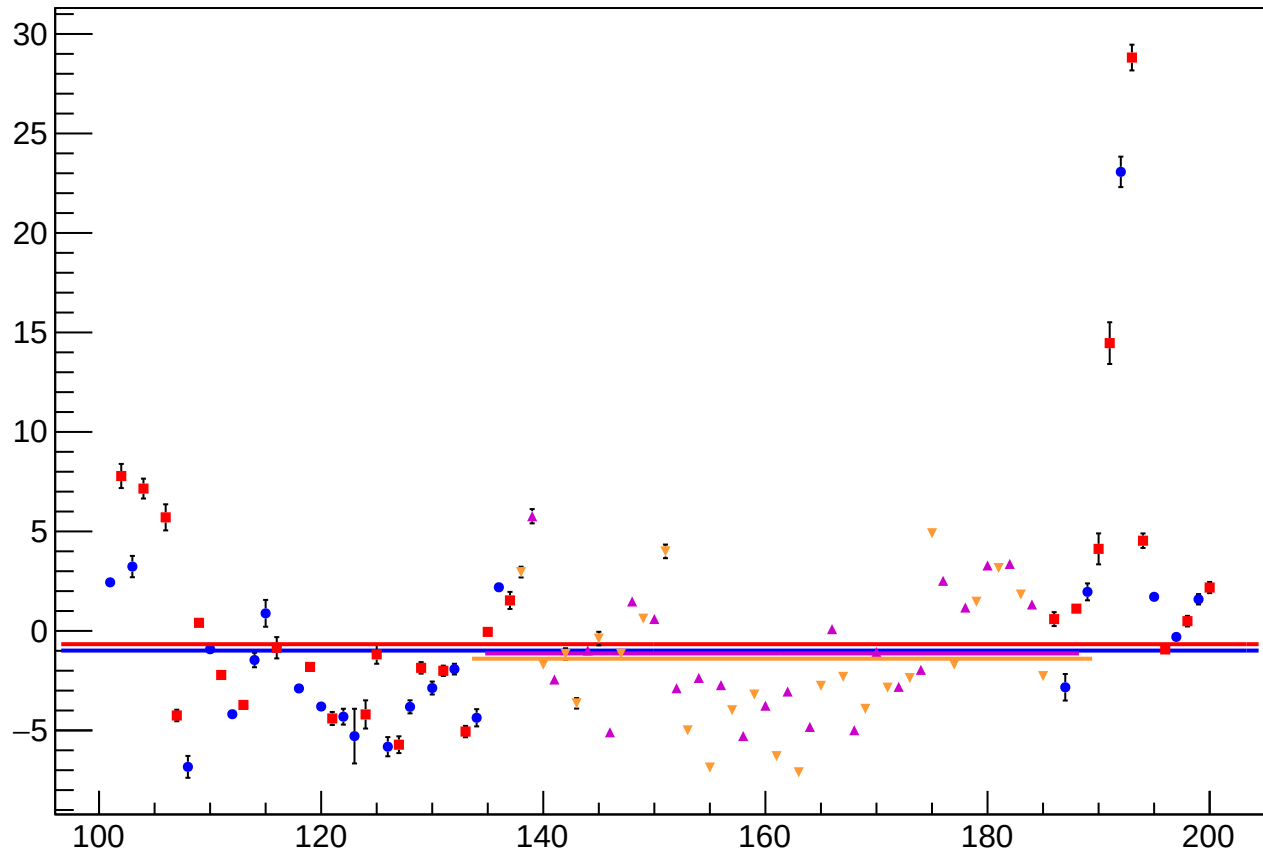
Left In: 16.854 ± 0.039 $\chi^2/\text{NDF}: 40590.0/22$

+ sign 12.028 ± 0.034 $\chi^2/\text{NDF}: 181619.1/47$

All: 10.454 ± 0.023 $\chi^2/\text{NDF}: 361928.7/97$

- sign 9.155 ± 0.031 $\chi^2/\text{NDF}: 176427.4/49$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -0.988 ± 0.063 $\chi^2/\text{NDF}: 2669.6/22$

Left Out: -1.397 ± 0.037 $\chi^2/\text{NDF}: 7631.3/24$

Right Out: -0.668 ± 0.058 $\chi^2/\text{NDF}: 4362.5/26$

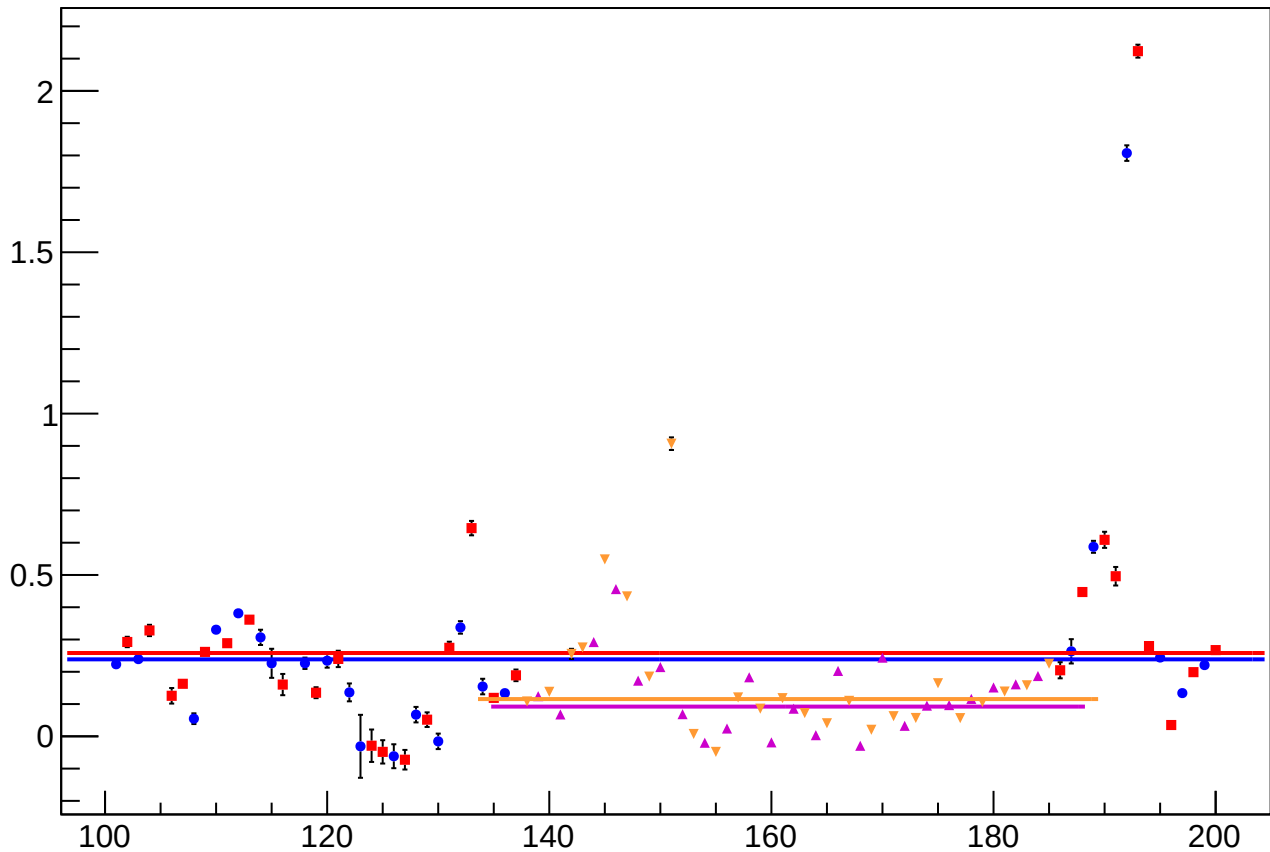
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6638.3/22$

+ sign -1.292 ± 0.032 $\chi^2/\text{NDF}: 10332.2/47$

All: -1.142 ± 0.022 $\chi^2/\text{NDF}: 21421.7/97$

- sign -1.008 ± 0.030 $\chi^2/\text{NDF}: 11047.6/49$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.239 ± 0.003 $\chi^2/\text{NDF}: 5474.9/22$

Left Out: 0.115 ± 0.002 $\chi^2/\text{NDF}: 4423.4/24$

Right Out: 0.258 ± 0.003 $\chi^2/\text{NDF}: 11115.4/26$

Left In: 0.092 ± 0.002 $\chi^2/\text{NDF}: 3632.6/22$

+ sign 0.145 ± 0.001 $\chi^2/\text{NDF}: 11214.1/47$

All: 0.138 ± 0.001 $\chi^2/\text{NDF}: 28840.5/97$

- sign 0.133 ± 0.001 $\chi^2/\text{NDF}: 17591.6/49$