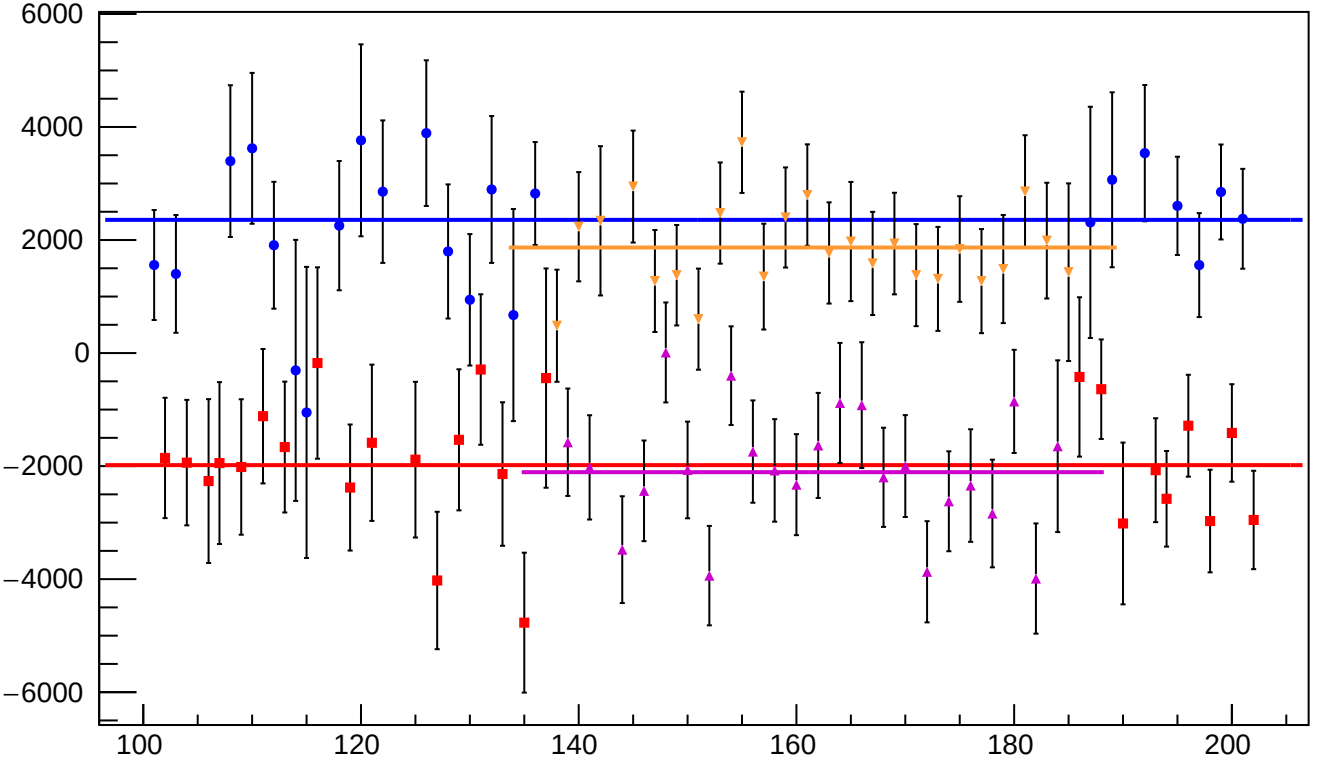
dit_asym_us_avg_mean vs Slug



Right In: 2356.878+/-245.068 χ^2/NDF: 13.8/22

Left Out: 1867.512+/-194.801 χ^2/NDF:15.1/23

Right Out: -1982.826+/-221.387 χ^2/NDF: 20.3/25

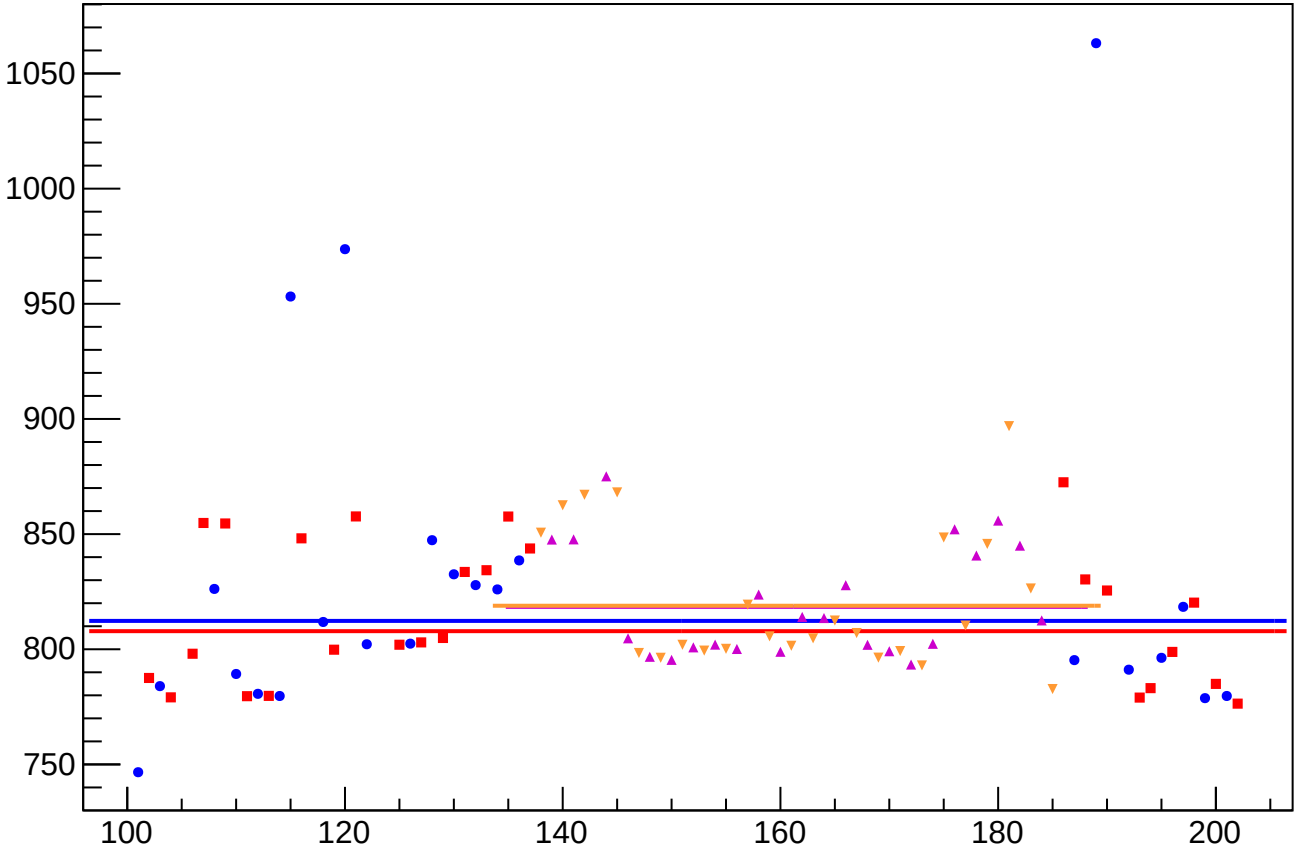
Left In: -2107.246+/-194.959 χ^2/NDF:30.0/22

+ sign 2056.994+/-152.494 χ^2/NDF: 31.4/46

All: -82.929+/-105.576 χ^2/NDF: 460.1/95

- sign -2052.902+/-146.313 χ^2/NDF: 50.5/48

dit_asym_us_avg_rms vs Slug



Right In: 812.317+/-0.173 χ^2/NDF: 102077.1/22

Left Out: 818.900+/-0.138 χ^2/NDF:41670.9/23

Right Out: 807.860+/-0.157 χ^2/NDF: 33198.9/25

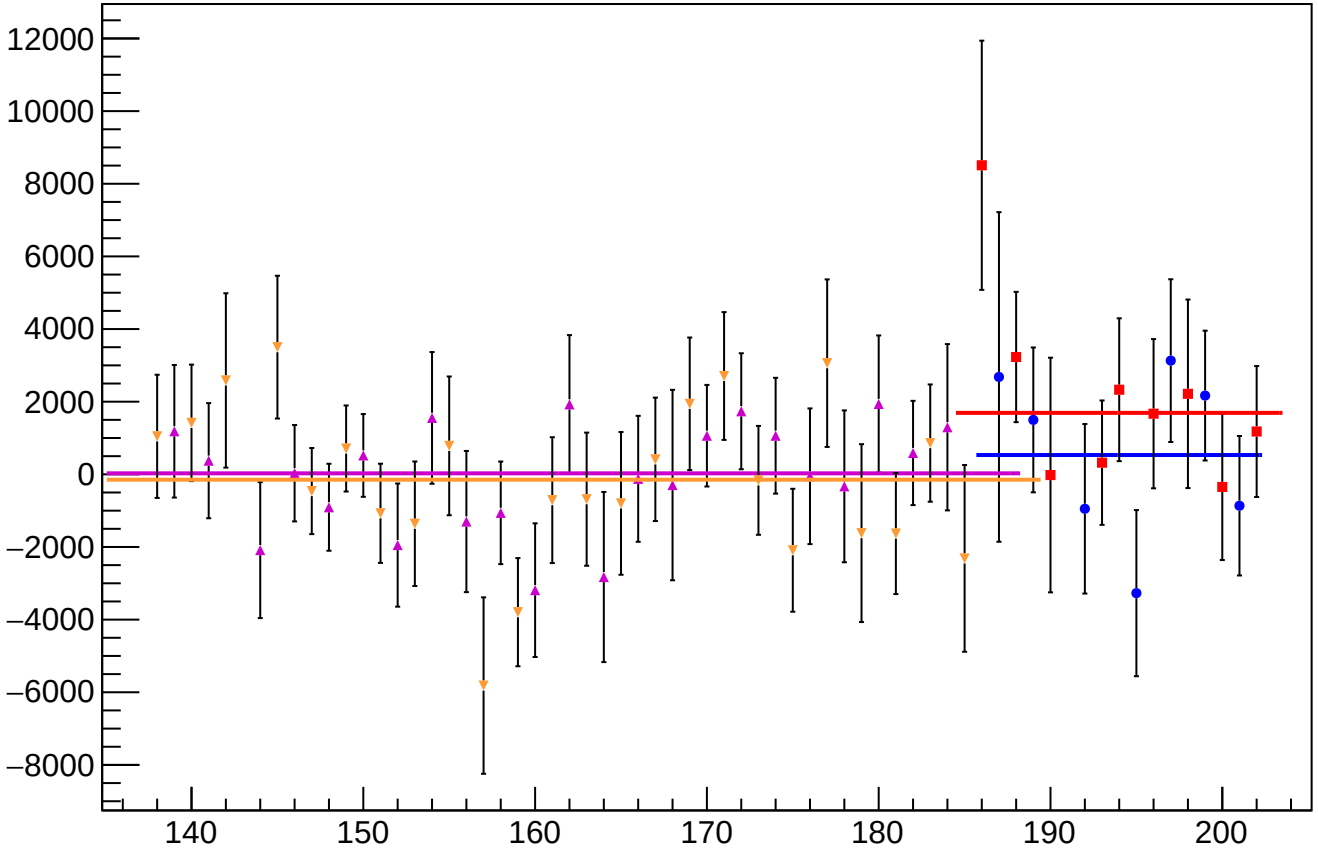
Left In: 818.403+/-0.138 χ^2/NDF:29907.0/22

+ sign 816.351+/-0.108 χ^2/NDF: 144632.4/46

All: 815.022+/-0.075 χ^2/NDF: 210584.6/95

- sign 813.798+/-0.103 χ^2/NDF: 65660.3/48

asym_us_avg_correction_mean vs Slug



Right In: 531.893+/-827.965 χ^2/NDF: 6.3/6

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

Right Out: 1692.425+/-701.551 χ^2/NDF: 6.9/8

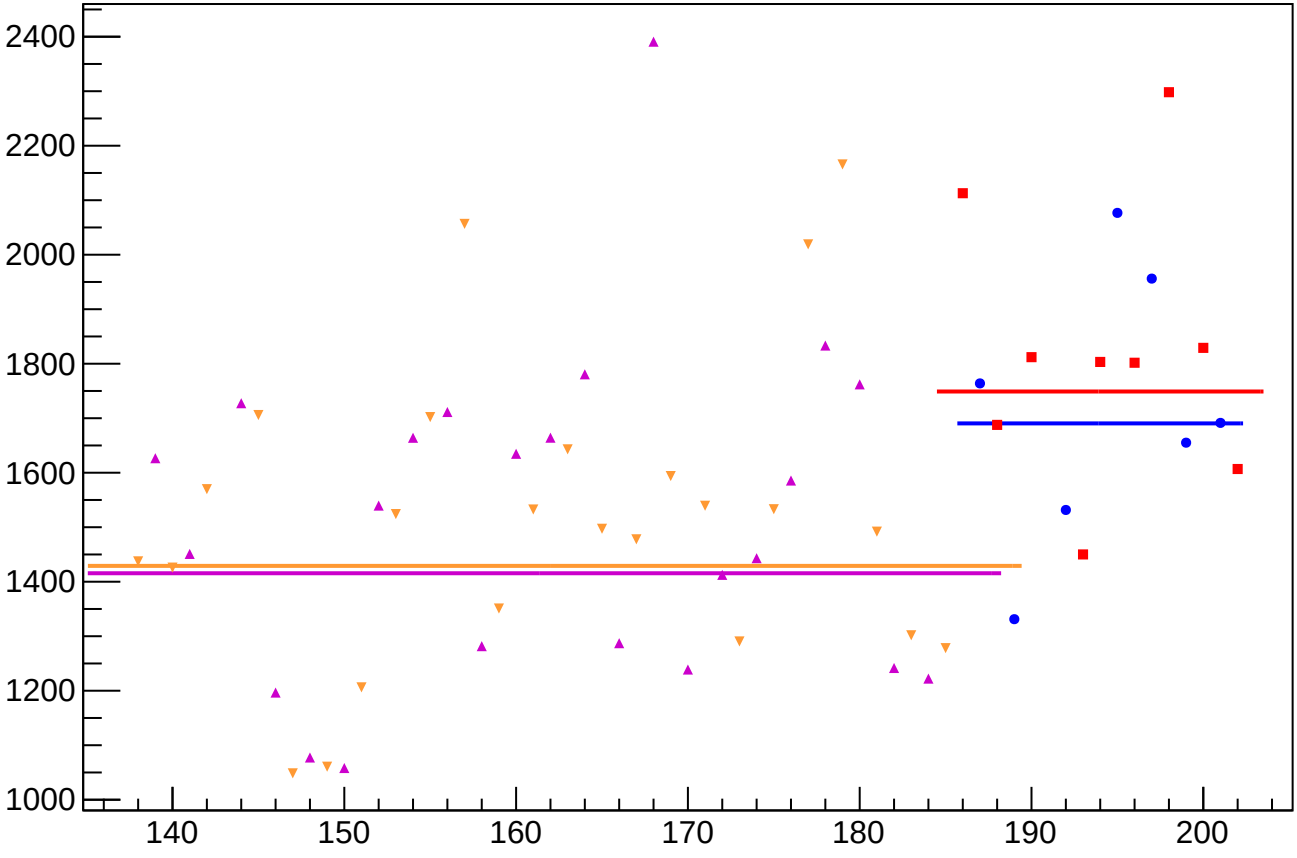
Left In: 27.722+/-344.229 χ^2/NDF:14.8/22

+ sign -45.933+/-320.619 χ^2/NDF: 36.2/30

All: 159.701+/-222.502 χ^2/NDF: 63.2/62

- sign 350.741+/-309.033 χ^2/NDF: 26.2/31

asym_us_avg_correction_rms vs Slug



Right In: 1690.495+/-0.585 χ^2/NDF: 160670.8/6

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

Right Out: 1749.023+/-0.496 χ^2/NDF: 194592.4/8

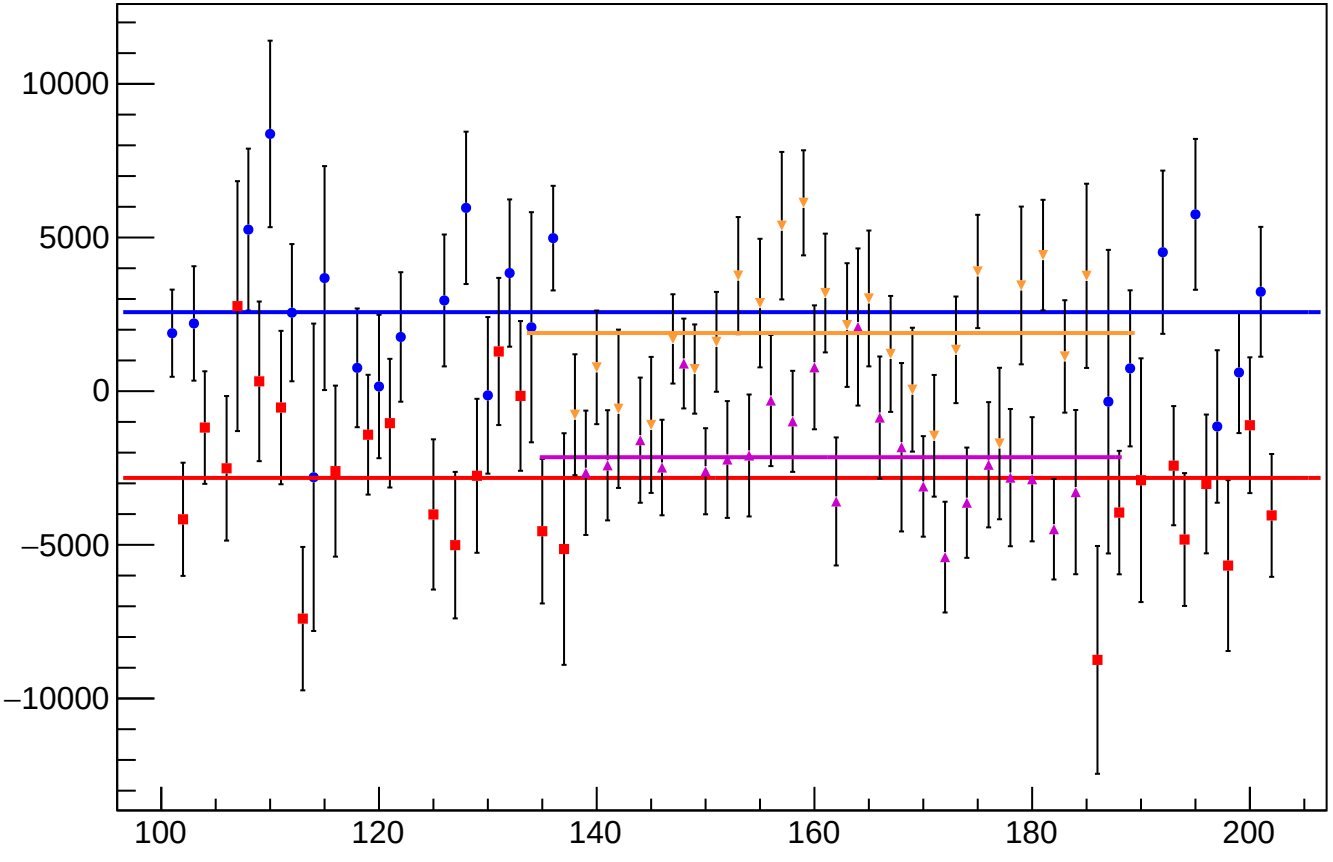
Left In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

+ sign 1468.267+/-0.227 χ^2/NDF: 1437116.4/30

All: 1474.485+/-0.157 χ^2/NDF: 3242959.3/62

- sign 1480.261+/-0.219 χ^2/NDF: 1804391.9/31

asym_us_avg_mean vs Slug



Right In: 2571.568+/-482.077 χ^2/NDF: 20.1/22

Left Out: 1892.511+/-394.798 χ^2/NDF:25.9/23

Right Out: -2822.647+/-461.830 χ^2/NDF: 22.6/25

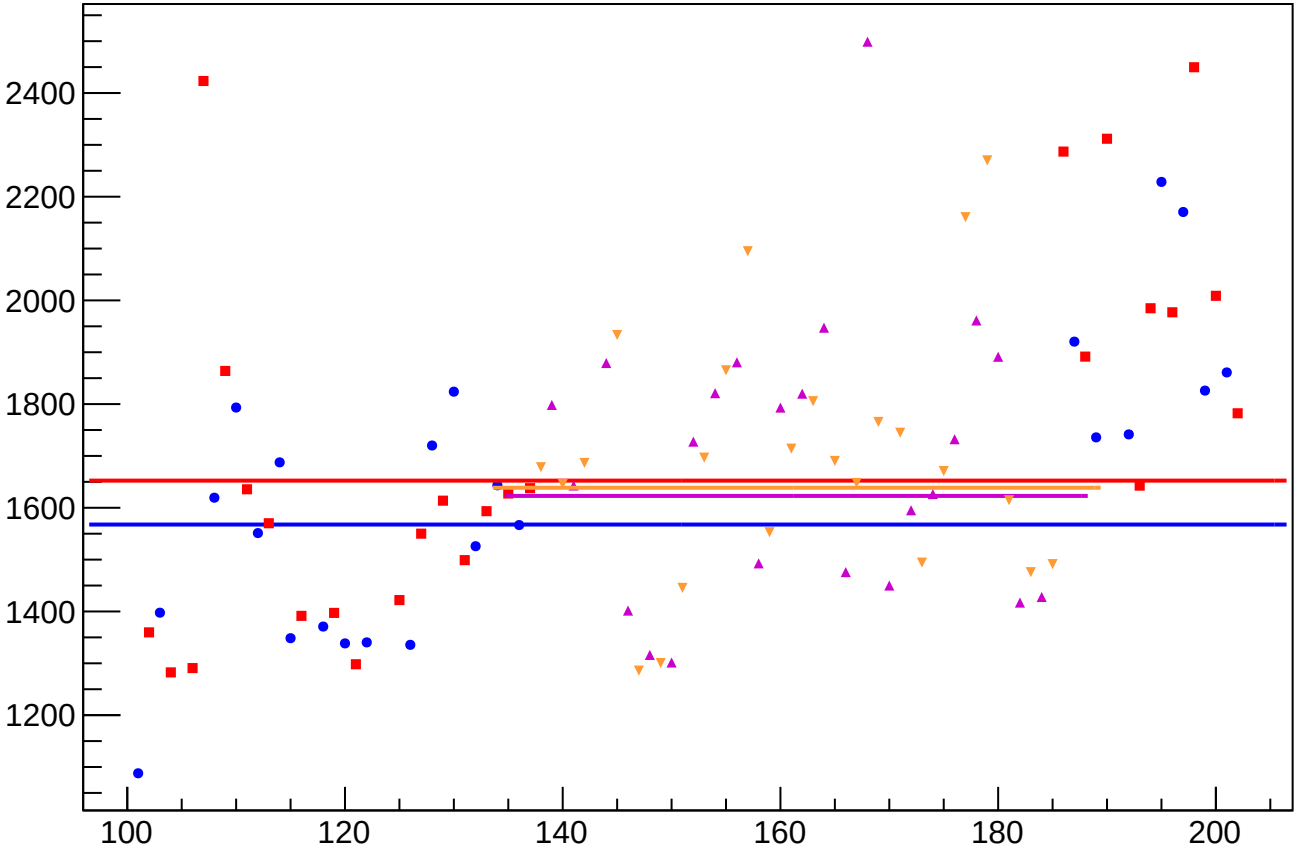
Left In: -2148.867+/-391.716 χ^2/NDF:18.4/22

+ sign 2165.113+/-305.441 χ^2/NDF: 47.2/46

All: -183.870+/-213.568 χ^2/NDF: 205.2/95

- sign -2430.780+/-298.731 χ^2/NDF: 42.3/48

asym_us_avg_rms vs Slug



Right In: 1567.663+/-0.341 χ^2/NDF: 745260.3/22

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

Right Out: 1652.381+/-0.327 χ^2/NDF: 863638.1/25

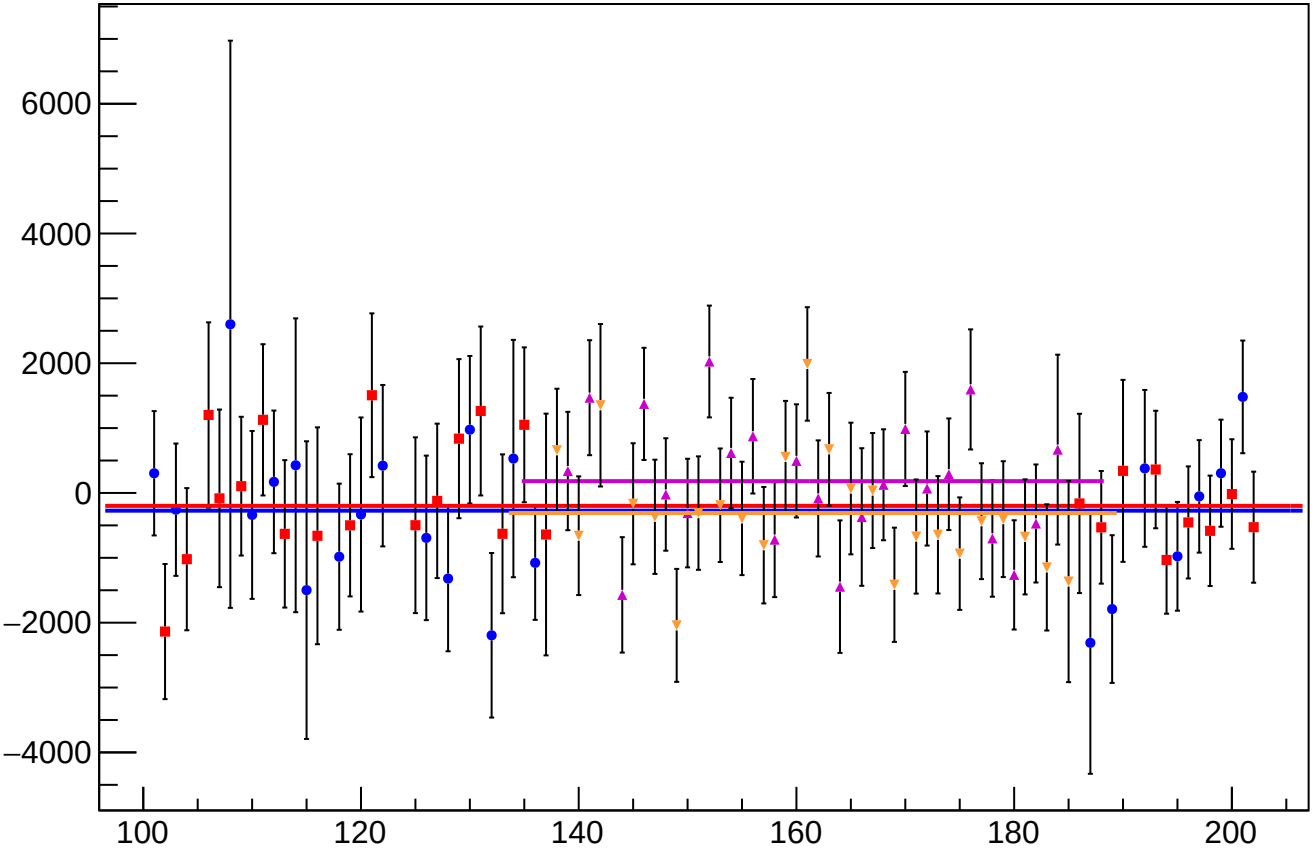
Left In: 1622.876+/-0.277 χ^2/NDF:780522.2/22

+ sign 1610.170+/-0.216 χ^2/NDF: 1443222.3/46

All: 1622.974+/-0.151 χ^2/NDF: 3099006.1/95

- sign 1635.221+/-0.211 χ^2/NDF: 1648907.9/48

dit_asym_us_dd_mean vs Slug



Right In: -272.881+/-239.438 χ^2/NDF: 16.0/22

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

Right Out: -198.863+/-214.870 χ^2/NDF: 14.0/25

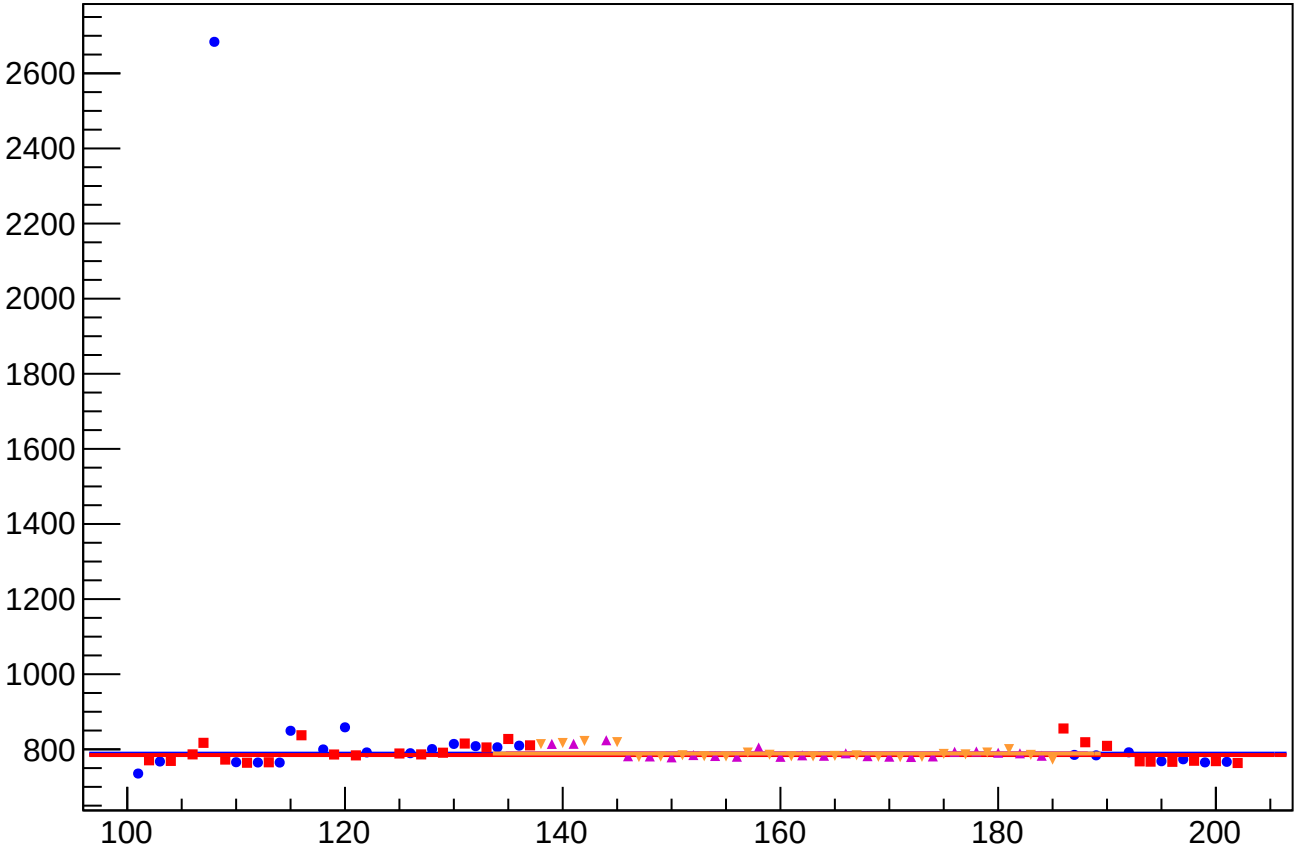
Left In: 181.983+/-187.935 χ^2/NDF:25.6/22

+ sign -295.163+/-147.598 χ^2/NDF: 36.5/46

All: -132.502+/-102.128 χ^2/NDF: 80.2/95

- sign 16.913+/-141.460 χ^2/NDF: 41.3/48

dit_asym_us_dd_rms vs Slug



Right In: 788.419+/-0.169 χ^2/NDF: 398354.2/22

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

Right Out: 784.734+/-0.152 χ^2/NDF: 23981.7/25

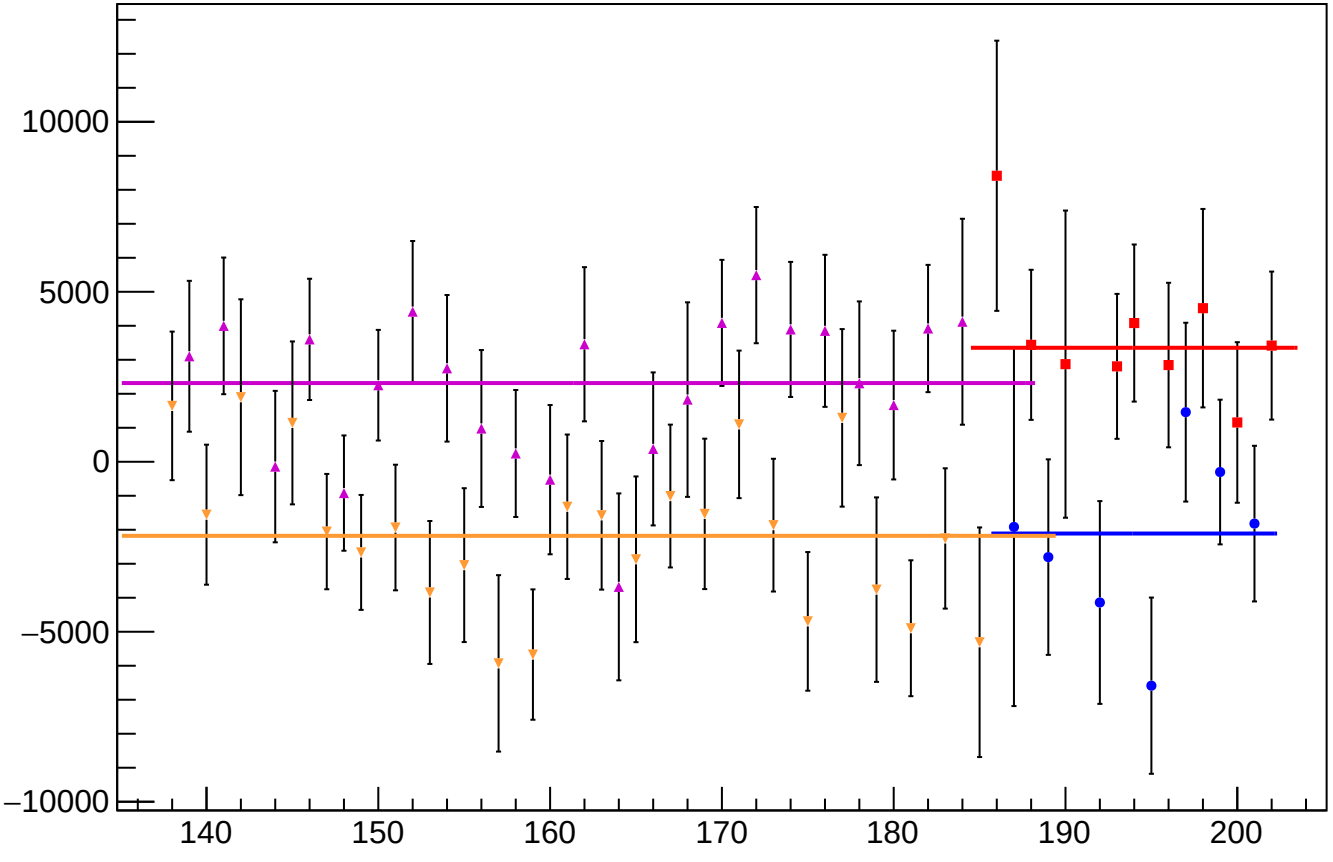
Left In: 789.406+/-0.133 χ^2/NDF:9219.1/22

+ sign 788.708+/-0.104 χ^2/NDF: 407701.1/46

All: 788.016+/-0.072 χ^2/NDF: 441522.1/95

- sign 787.381+/-0.100 χ^2/NDF: 33736.7/48

asym_us_dd_correction_mean vs Slug



Right In: -2110.641+/-1013.021 χ^2/NDF: 6.1/6

Left Out: -2178.467+/-439.661 χ^2/NDF:22.7/23

Right Out: 3353.231+/-844.117 χ^2/NDF: 2.9/8

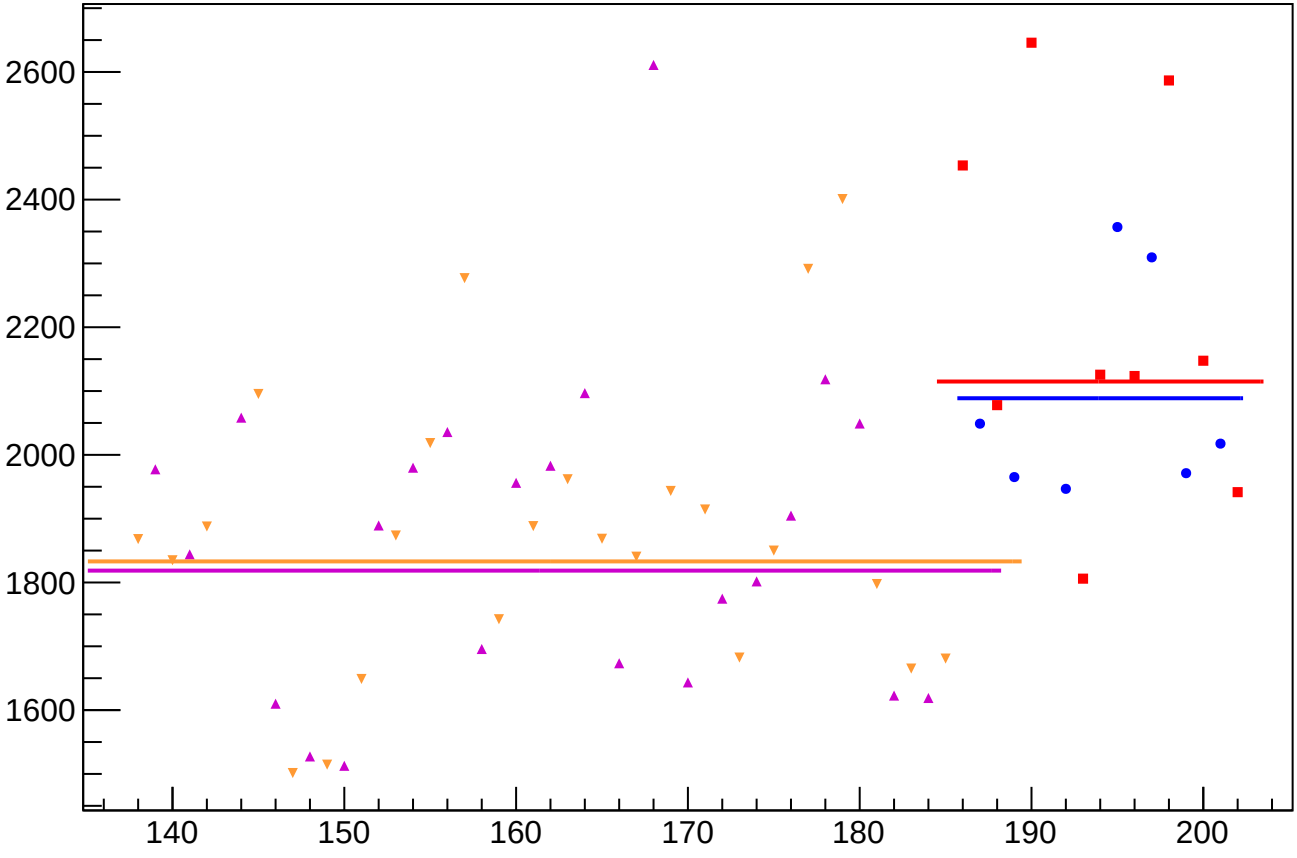
Left In: 2315.169+/-437.003 χ^2/NDF:22.0/22

+ sign -2167.716+/-403.314 χ^2/NDF: 28.8/30

All: 273.913+/-279.645 χ^2/NDF: 125.5/62

- sign 2534.582+/-388.080 χ^2/NDF: 26.1/31

asym_us_dd_correction_rms vs Slug



Right In: 2088.725+/-0.716 χ^2/NDF: 51878.1/6

Left Out: 1833.028+/-0.311 χ^2/NDF:465466.9/23

Right Out: 2114.926+/-0.597 χ^2/NDF: 150110.9/8

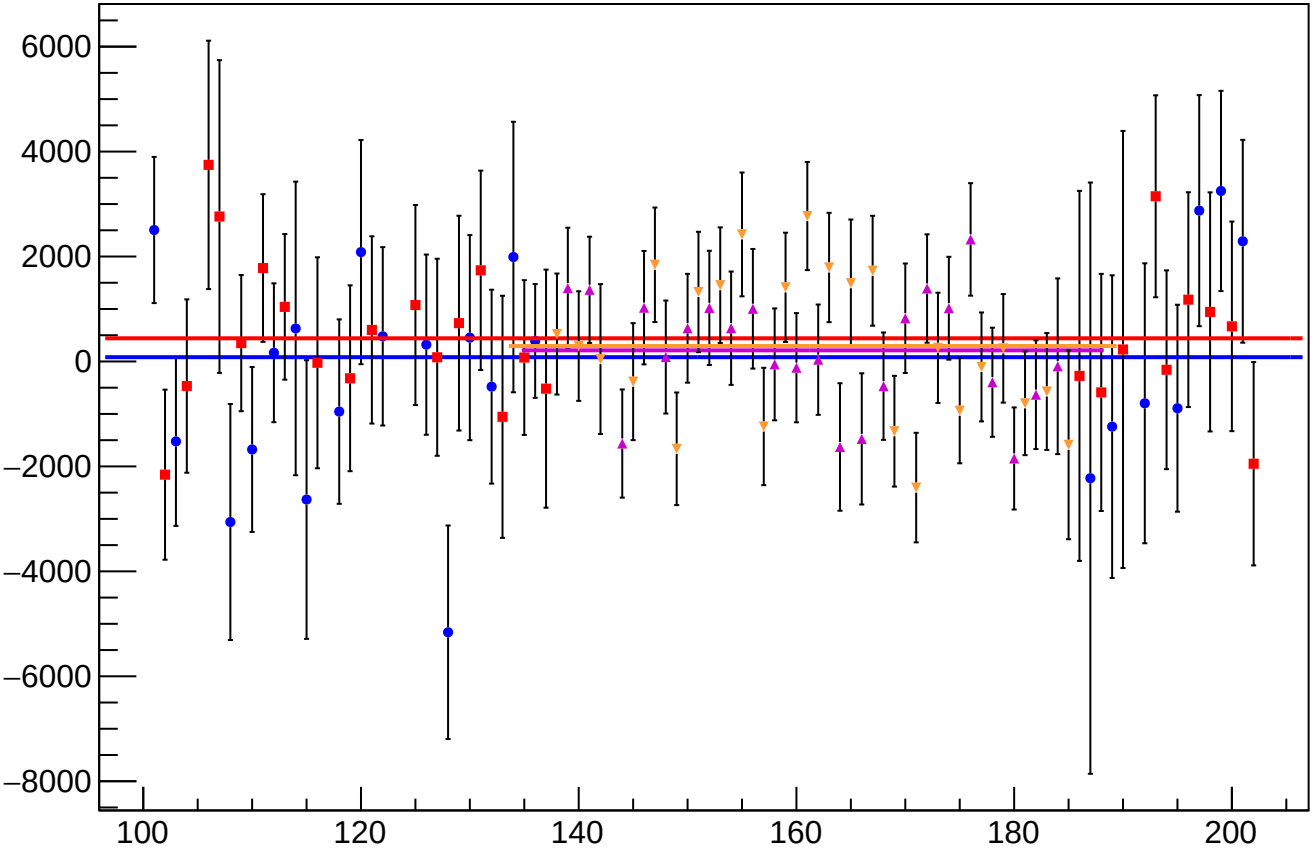
Left In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

+ sign 1873.558+/-0.285 χ^2/NDF: 624570.2/30

All: 1877.541+/-0.198 χ^2/NDF: 1506265.0/62

- sign 1881.229+/-0.274 χ^2/NDF: 881319.1/31

asym_us_dd_mean vs Slug



Right In: 81.541+/-387.237 χ^2/NDF: 23.4/22

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

Right Out: 441.574+/-370.511 χ^2/NDF: 12.1/25

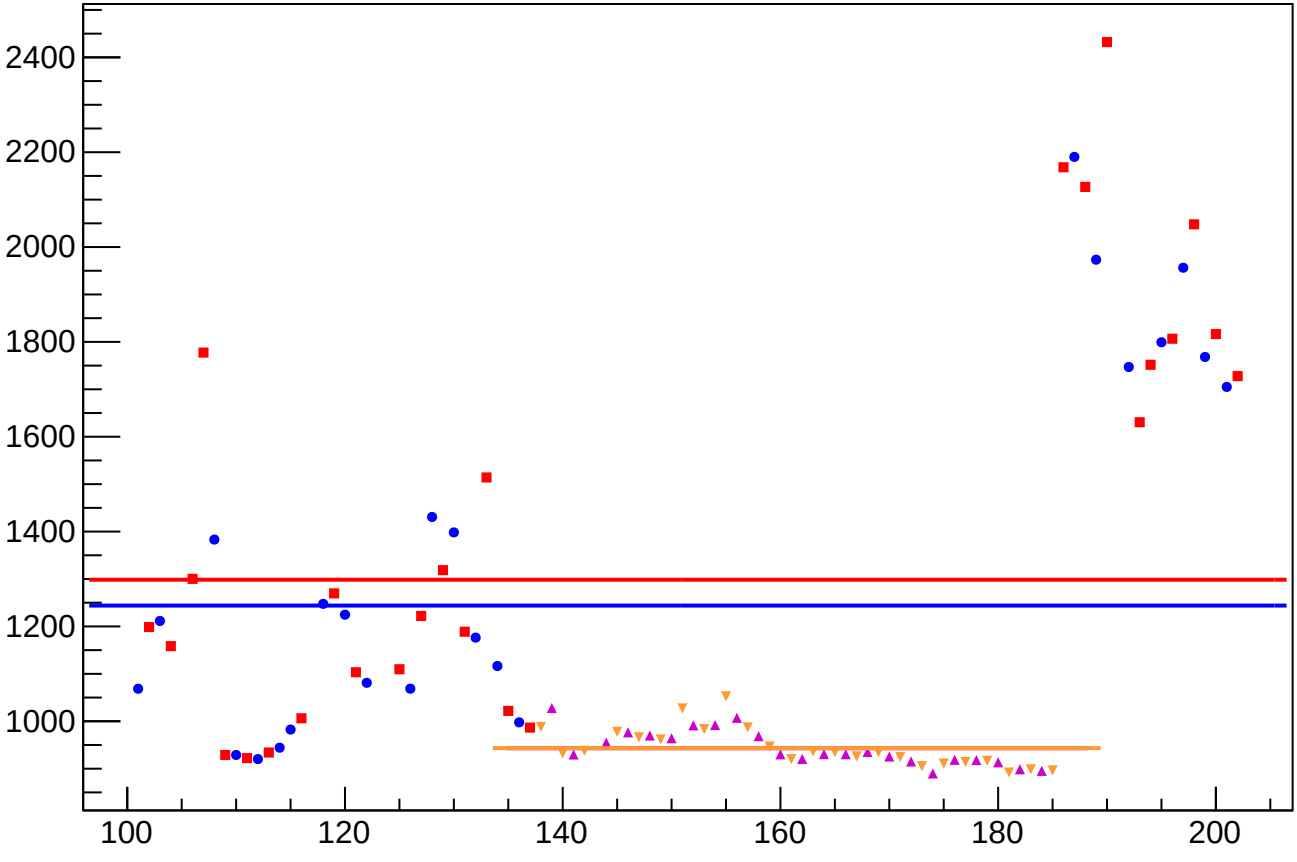
Left In: 212.080+/-224.701 χ^2/NDF:23.7/22

+ sign 241.098+/-194.120 χ^2/NDF: 61.9/46

All: 257.612+/-136.554 χ^2/NDF: 98.1/95

- sign 273.790+/-192.129 χ^2/NDF: 36.1/48

asym_us_dd_rms vs Slug



Right In: 1243.989+/-0.274 χ^2/NDF: 1350222.2/22

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

Right Out: 1298.517+/-0.262 χ^2/NDF: 2023968.8/25

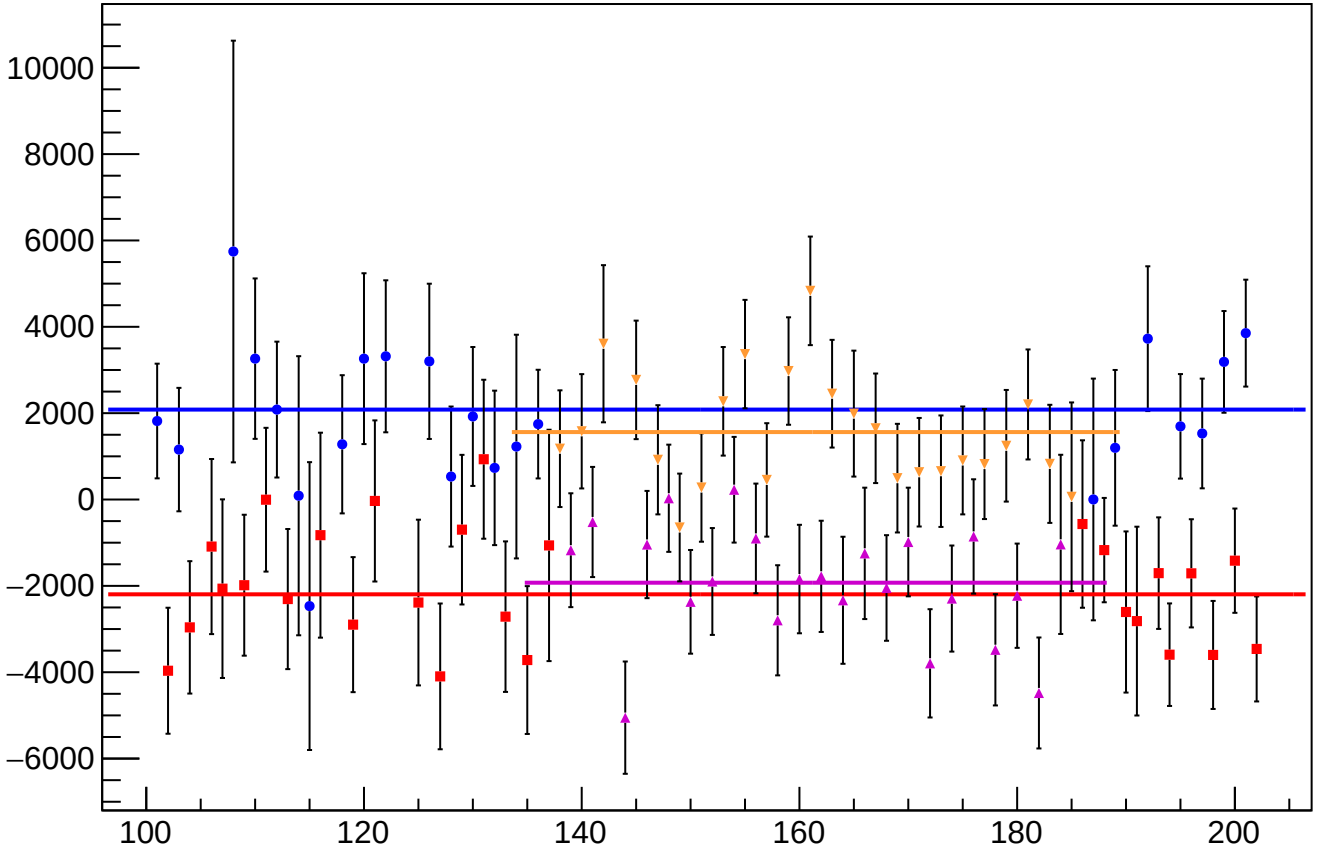
Left In: 943.137+/-0.159 χ^2/NDF:49948.2/22

+ sign 1018.882+/-0.137 χ^2/NDF: 2313328.4/46

All: 1028.892+/-0.097 χ^2/NDF: 5742990.5/95

- sign 1038.697+/-0.136 χ^2/NDF: 3419135.5/48

dit_asym_usl_mean vs Slug



Right In: 2082.807+/-341.365 χ^2/NDF: 11.8/22

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

Right Out: -2195.687+/-304.076 χ^2/NDF: 17.6/26

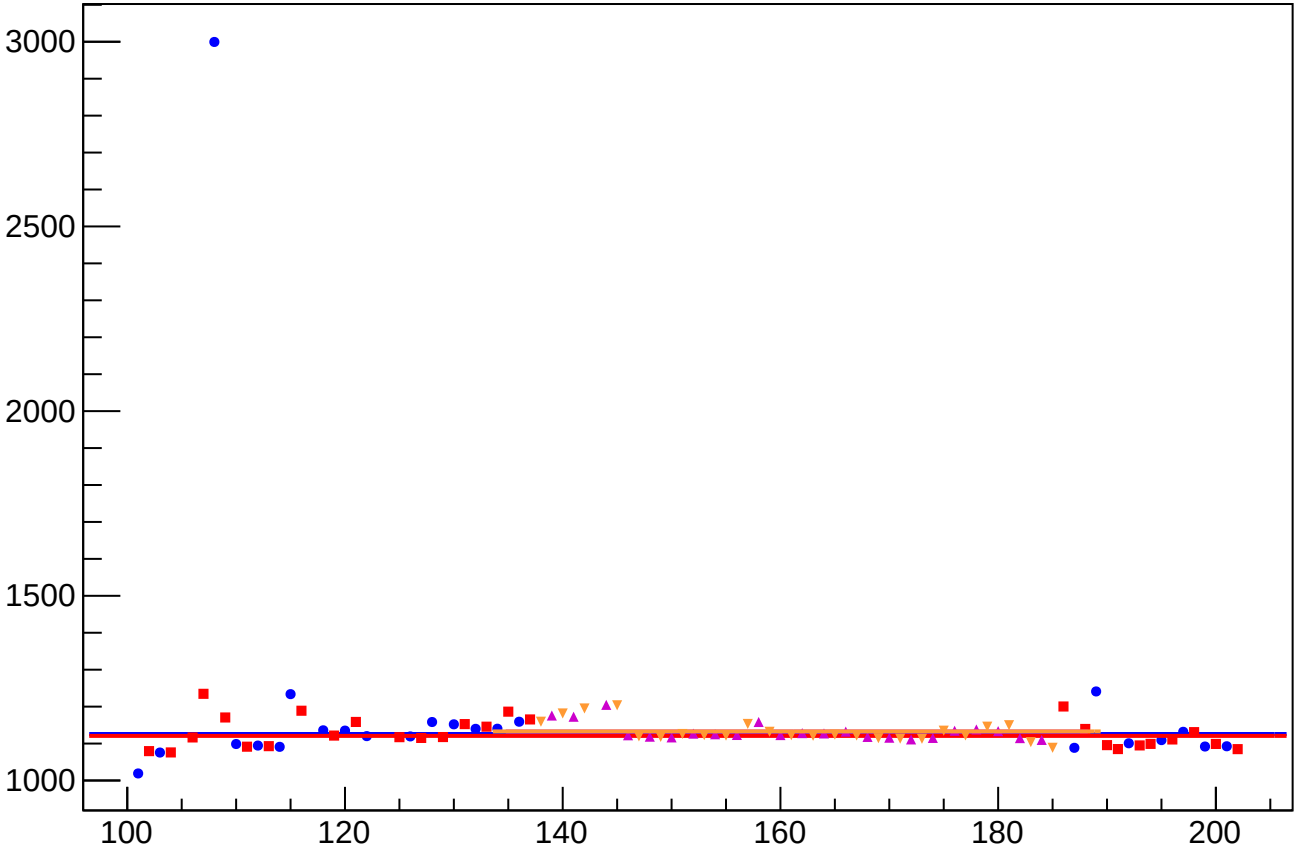
Left In: -1926.929+/-269.667 χ^2/NDF:24.1/22

+ sign 1761.817+/-211.415 χ^2/NDF: 35.0/46

All: -230.664+/-145.959 χ^2/NDF: 246.9/96

- sign -2045.248+/-201.757 χ^2/NDF: 42.2/49

dit_asym_usl_rms vs Slug



Right In: 1125.847+/-0.241 χ^2/NDF: 328902.5/22

Left Out: 1132.882+/-0.190 χ^2/NDF:16786.8/23

Right Out: 1120.773+/-0.215 χ^2/NDF: 28293.2/26

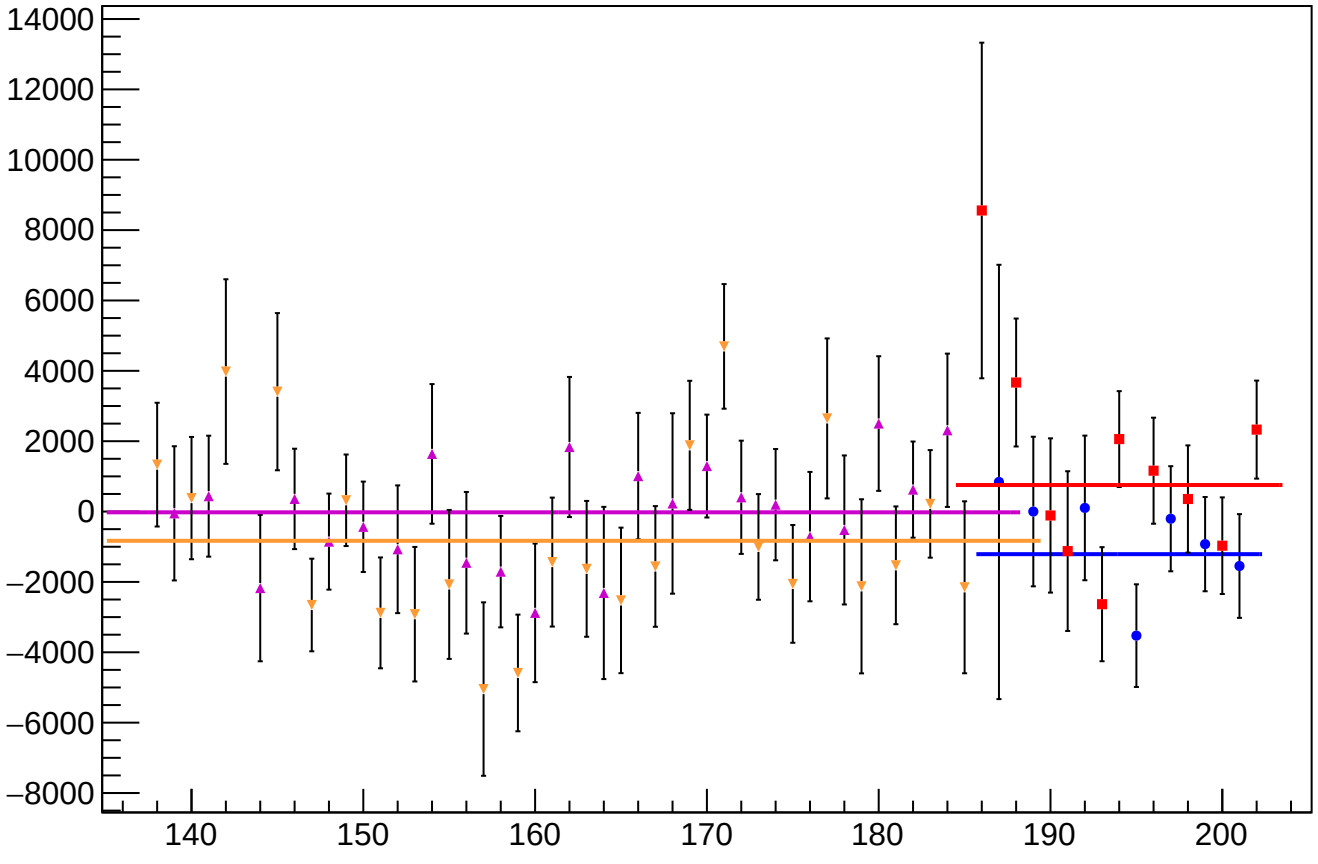
Left In: 1132.570+/-0.191 χ^2/NDF:14524.8/22

+ sign 1130.184+/-0.149 χ^2/NDF: 346212.9/46

All: 1128.715+/-0.103 χ^2/NDF: 390900.7/96

- sign 1127.376+/-0.143 χ^2/NDF: 44503.2/49

asym_usl_correction_mean vs Slug



Right In: -1210.775+/-642.900 χ^2/NDF: 3.9/6

Left Out: -830.927+/-366.086 χ^2/NDF:40.1/23

Right Out: 754.315+/-528.222 χ^2/NDF: 14.4/9

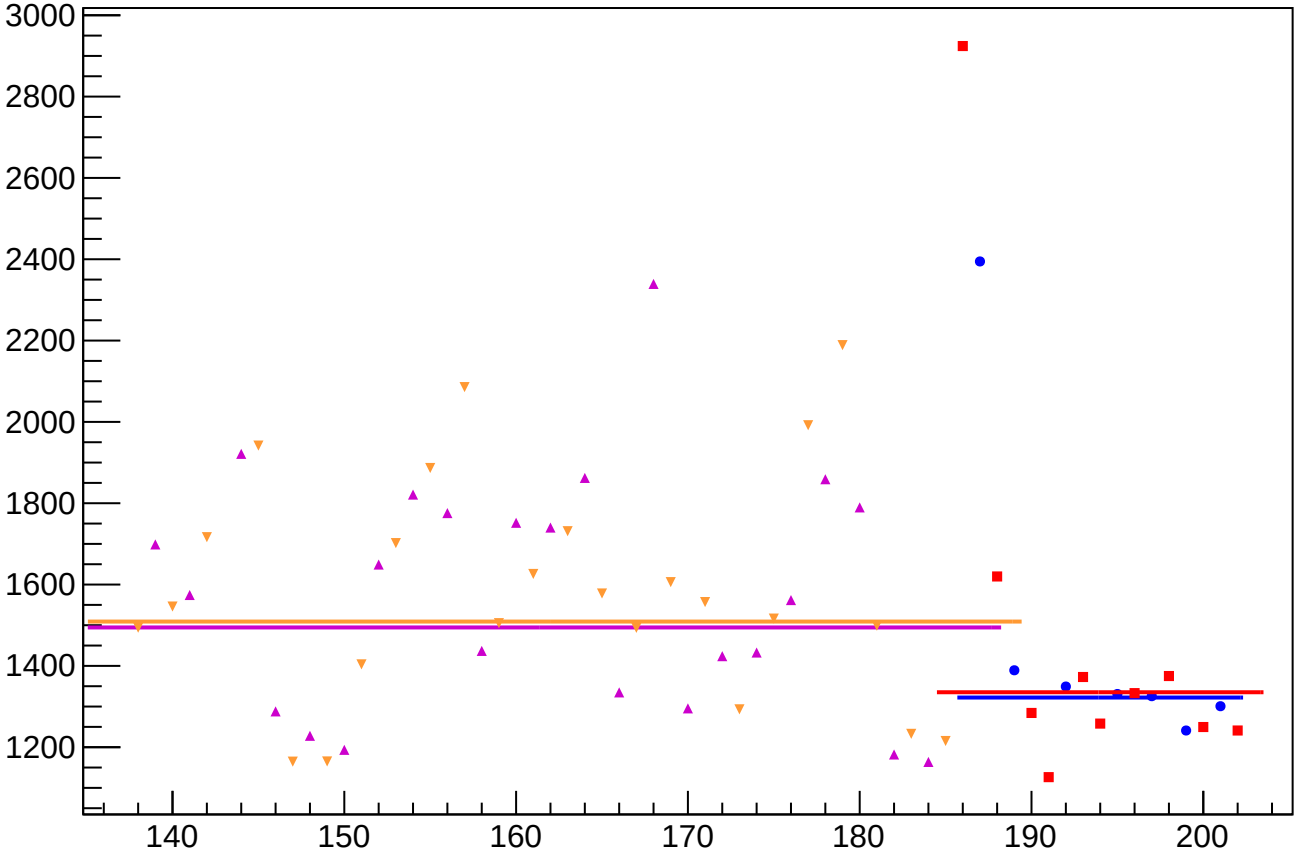
Left In: -21.419+/-362.476 χ^2/NDF:12.8/22

+ sign -923.935+/-318.125 χ^2/NDF: 44.3/30

All: -312.630+/-217.824 χ^2/NDF: 79.8/63

- sign 226.926+/-298.874 χ^2/NDF: 28.6/32

asym_usl_correction_rms vs Slug



Right In: 1322.156+/-0.455 χ^2/NDF: 70535.0/6

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

Right Out: 1335.173+/-0.374 χ^2/NDF: 314768.8/9

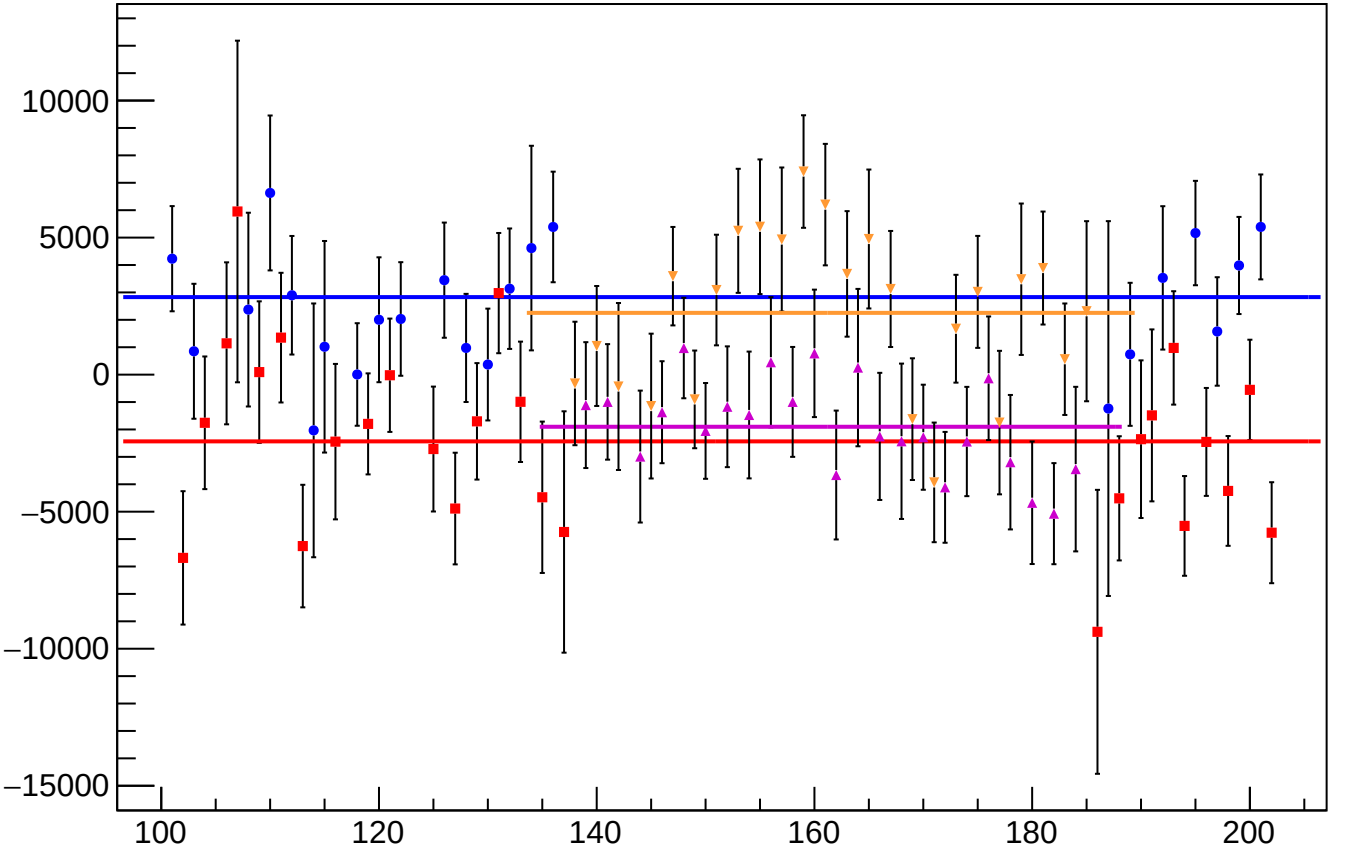
Left In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

+ sign 1463.245+/-0.225 χ^2/NDF: 1186763.0/30

All: 1452.755+/-0.154 χ^2/NDF: 2725623.5/63

- sign 1443.497+/-0.211 χ^2/NDF: 1534767.1/32

asym_usl_mean vs Slug



Right In: 2829.016+/-478.590 χ^2/NDF: 16.4/22

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

Right Out: -2434.940+/-446.958 χ^2/NDF: 37.0/26

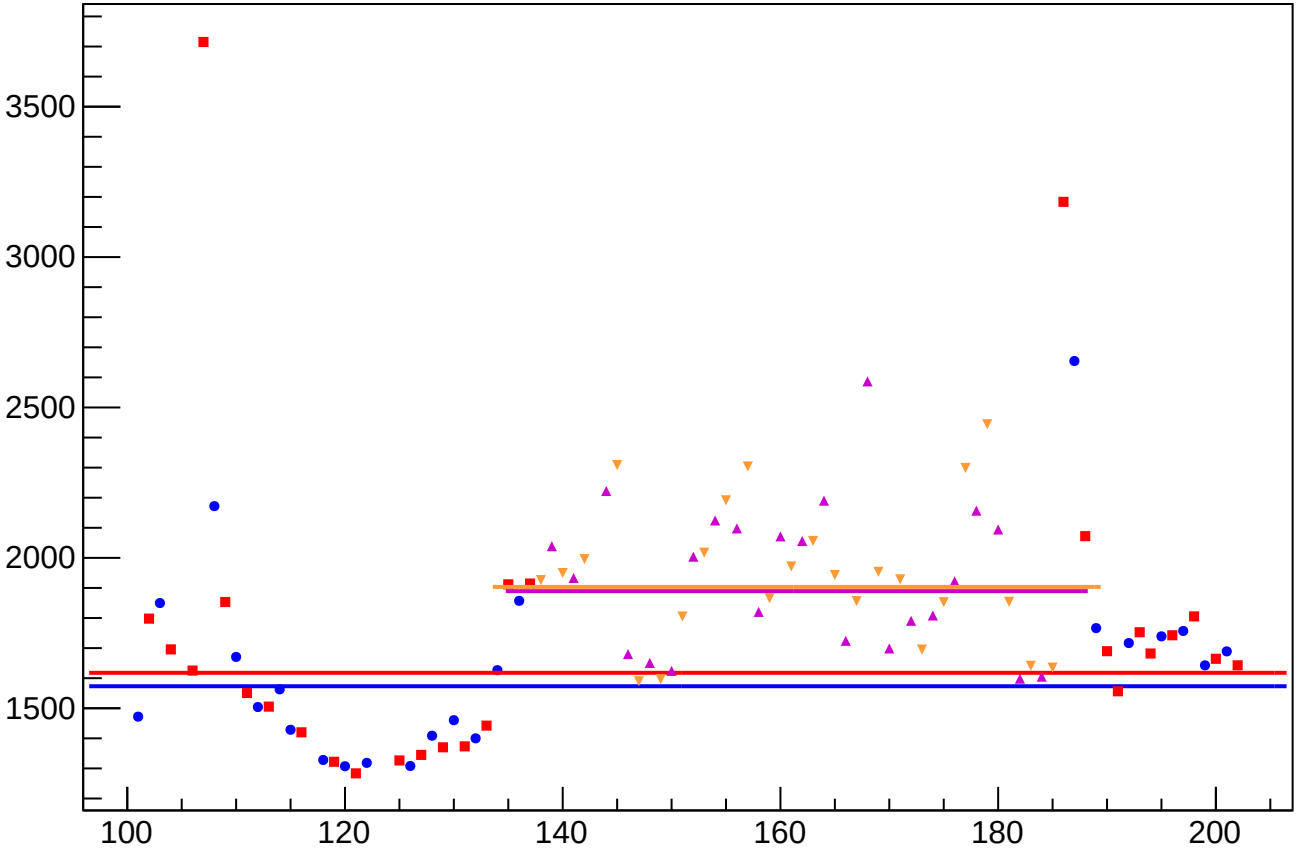
Left In: -1901.797+/-453.879 χ^2/NDF:13.9/22

+ sign 2527.851+/-330.286 χ^2/NDF: 55.8/46

All: 92.084+/-229.254 χ^2/NDF: 212.3/96

- sign -2172.464+/-318.466 χ^2/NDF: 51.6/49

asym_usl_rms vs Slug



Right In: 1573.229+/-0.338 χ^2/NDF: 401373.0/22

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

Right Out: 1617.844+/-0.316 χ^2/NDF: 844991.1/26

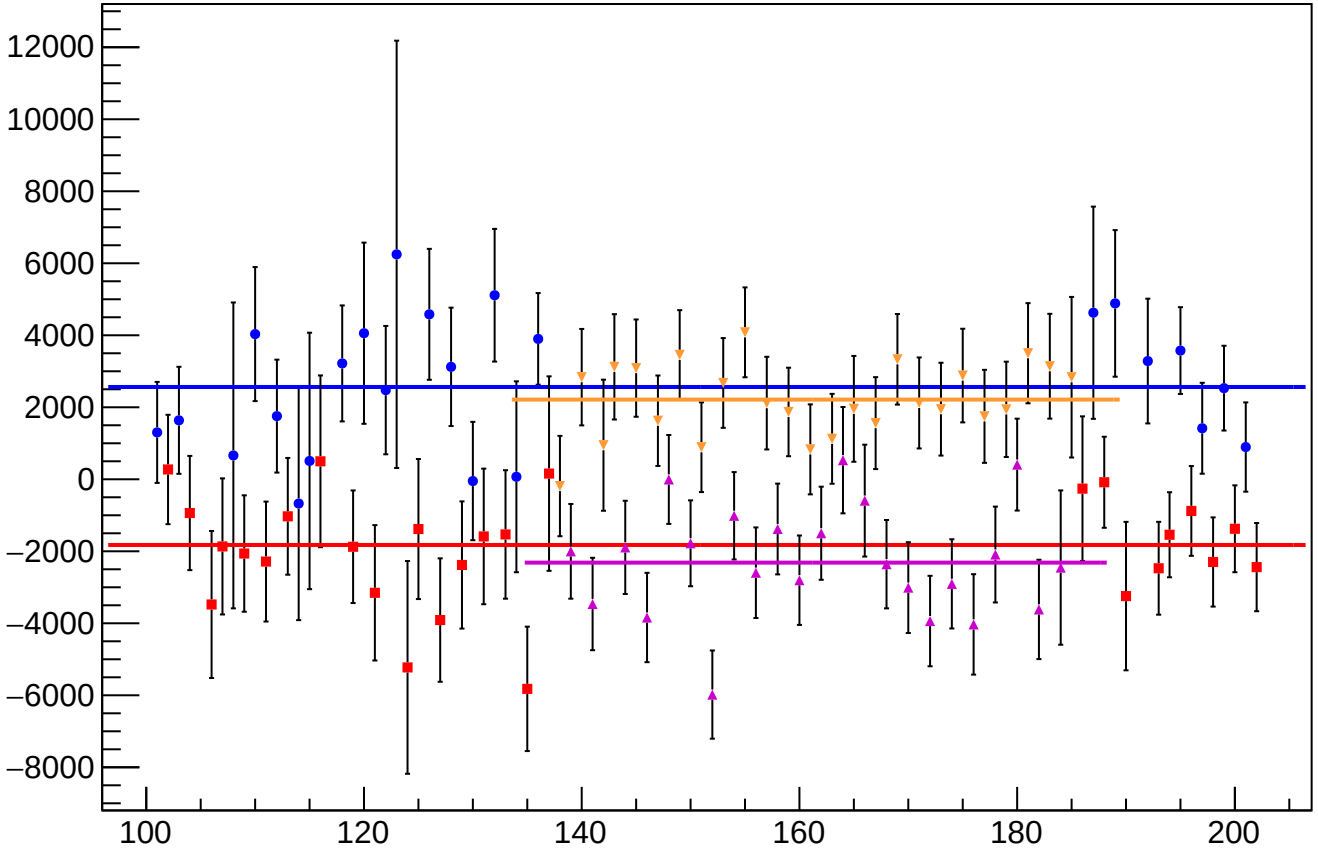
Left In: 1889.326+/-0.321 χ^2/NDF:508648.5/22

+ sign 1746.179+/-0.234 χ^2/NDF: 1361969.4/46

All: 1748.936+/-0.162 χ^2/NDF: 3079144.6/96

- sign 1751.500+/-0.225 χ^2/NDF: 1716906.3/49

dit_asym_usr_mean vs Slug



Right In: 2563.598+/-348.237 χ^2/NDF: 17.6/23

Left Out: 2213.308+/-266.921 χ^2/NDF:14.2/24

Right Out: -1824.730+/-308.264 χ^2/NDF: 18.0/26

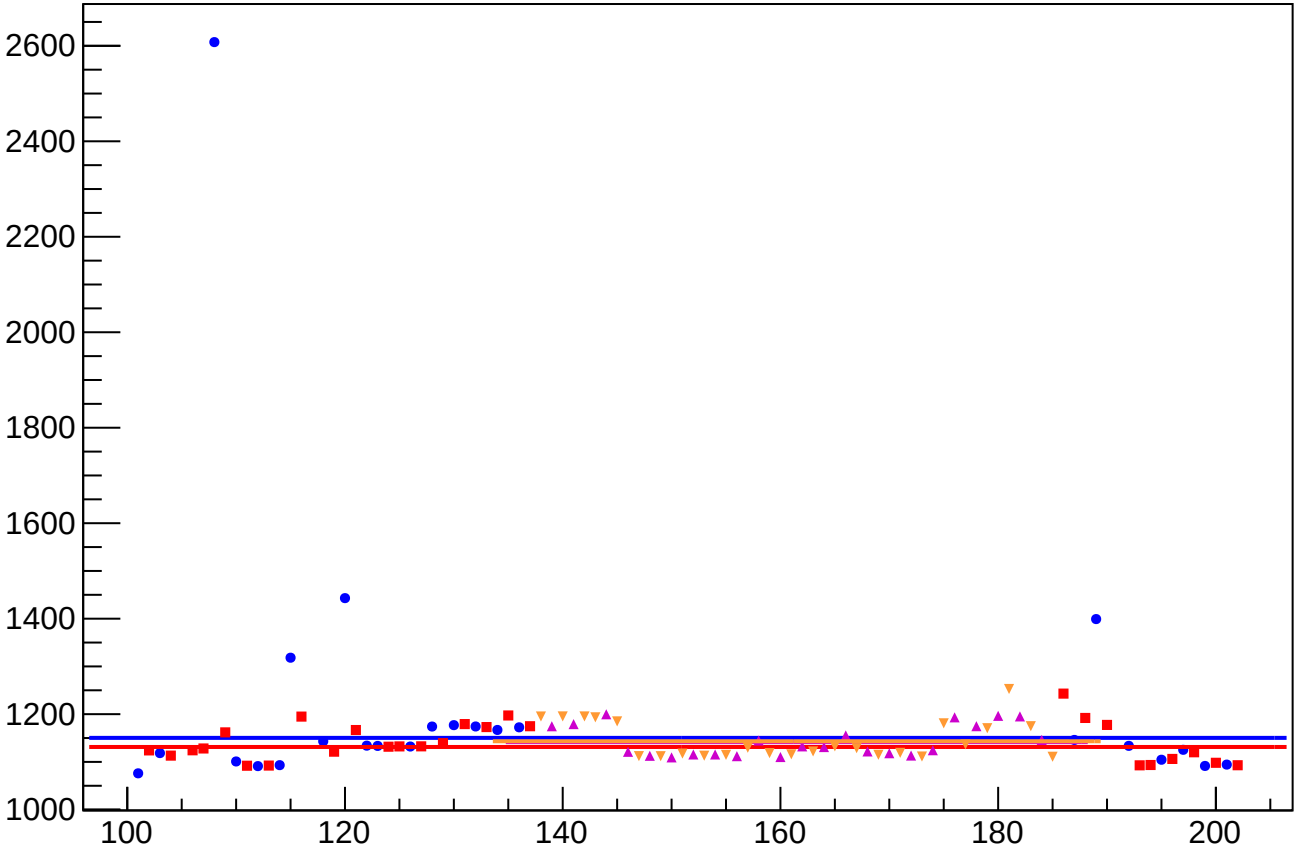
Left In: -2314.778+/-271.873 χ^2/NDF:31.6/22

+ sign 2342.945+/-211.848 χ^2/NDF: 32.4/48

All: 36.390+/-146.909 χ^2/NDF: 311.7/98

- sign -2100.373+/-203.902 χ^2/NDF: 50.9/49

dit_asym_usr_rms vs Slug



Right In: 1150.340+/-0.246 χ^2/NDF: 323509.1/23

Left Out: 1143.249+/-0.189 χ^2/NDF:39493.3/24

Right Out: 1131.266+/-0.218 χ^2/NDF: 31466.1/26

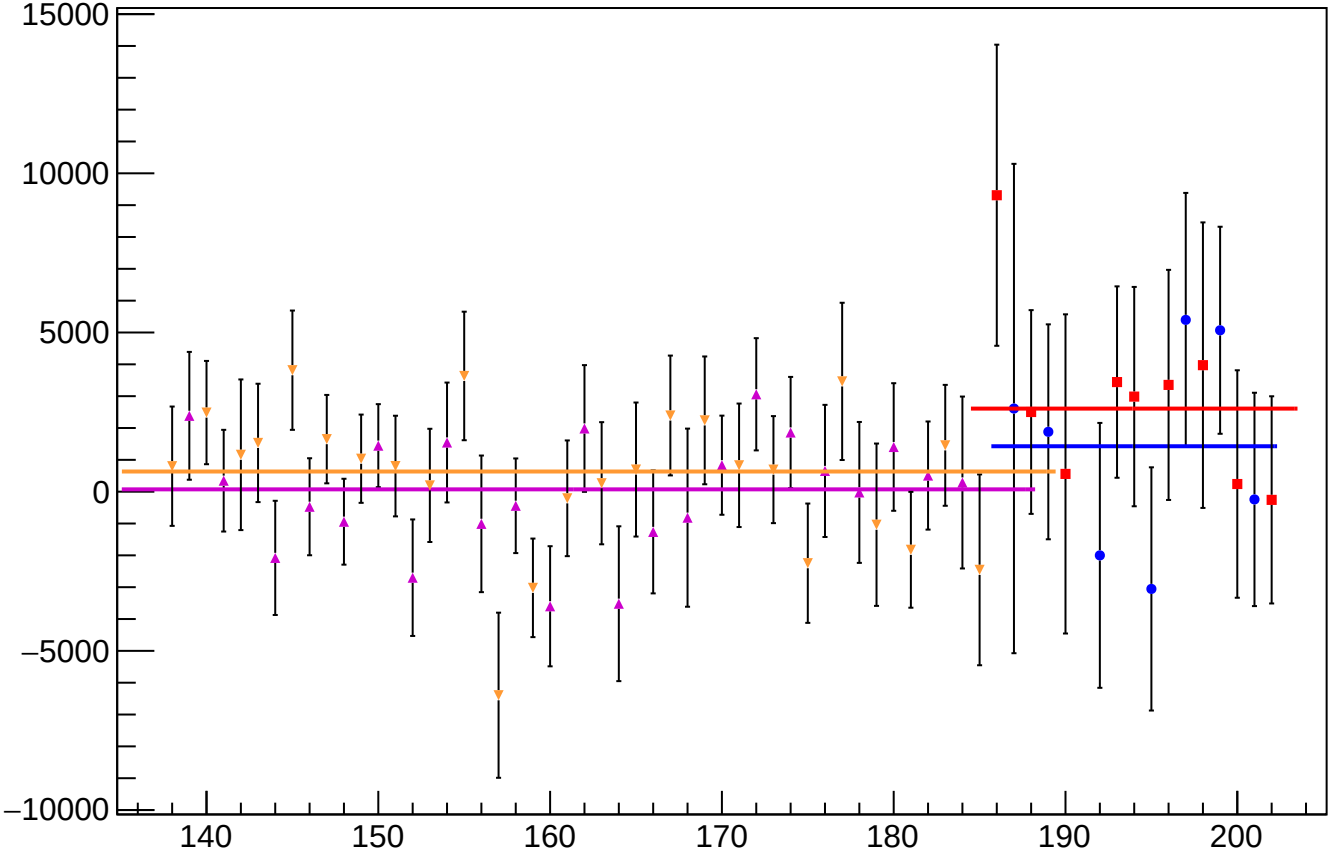
Left In: 1141.363+/-0.192 χ^2/NDF:28014.9/22

+ sign 1145.874+/-0.150 χ^2/NDF: 363524.7/48

All: 1141.239+/-0.104 χ^2/NDF: 426056.7/98

- sign 1136.945+/-0.144 χ^2/NDF: 60688.1/49

asym_usr_correction_mean vs Slug



Right In: 1427.061+/-1447.123 χ^2/NDF: 4.6/6

Left Out: 633.748+/-371.934 χ^2/NDF:29.3/24

Right Out: 2609.661+/-1216.097 χ^2/NDF: 3.6/8

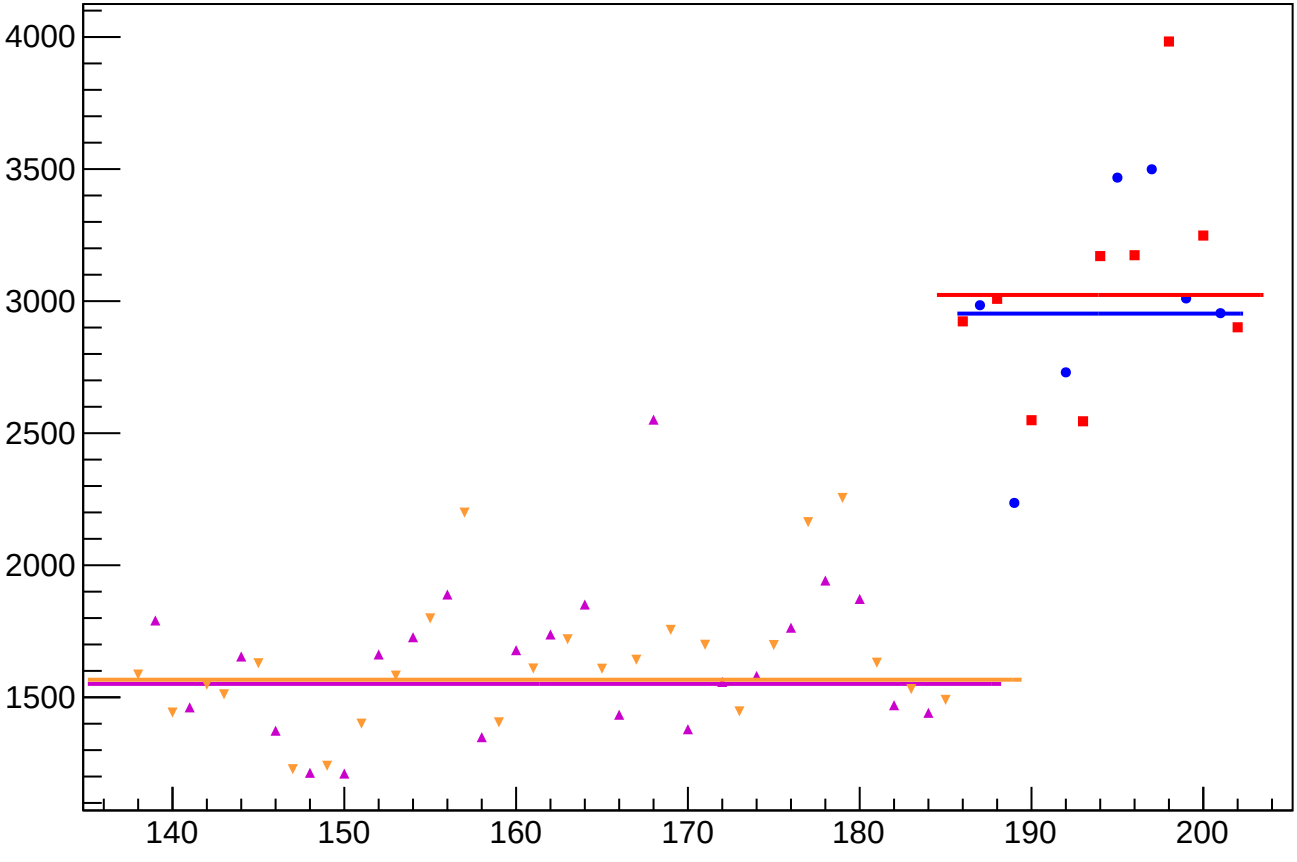
Left In: 72.962+/-375.277 χ^2/NDF:20.1/22

+ sign 682.904+/-360.226 χ^2/NDF: 34.1/31

All: 487.329+/-254.138 χ^2/NDF: 62.4/63

- sign 293.525+/-358.592 χ^2/NDF: 27.7/31

asym_usr_correction_rms vs Slug



Right In: 2952.800+/-1.023 χ^2/NDF: 170428.2/6

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

Right Out: 3023.391+/-0.860 χ^2/NDF: 178939.4/8

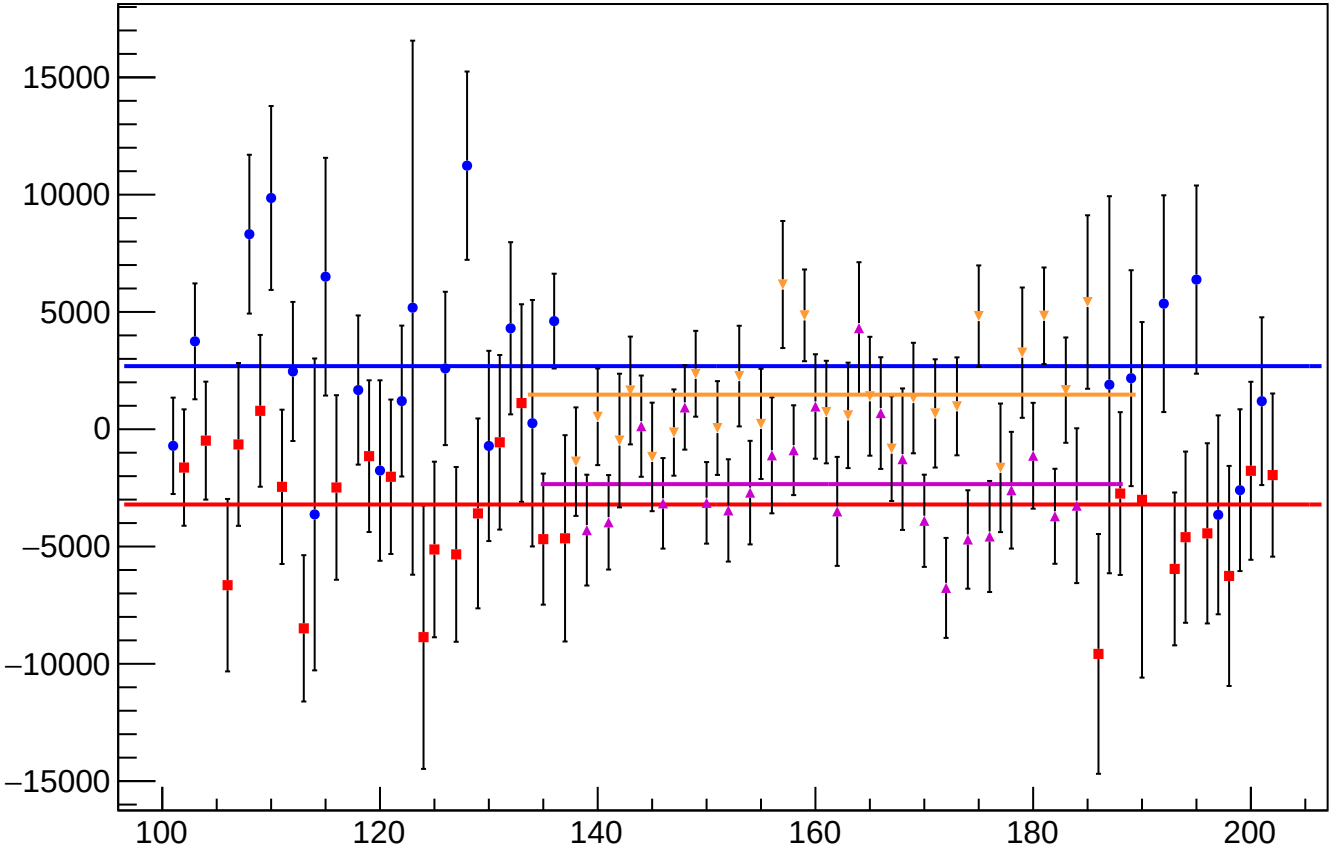
Left In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

+ sign 1652.519+/-0.255 χ^2/NDF: 2658752.7/31

All: 1665.716+/-0.180 χ^2/NDF: 6449518.5/63

- sign 1678.794+/-0.254 χ^2/NDF: 3785421.3/31

asym_usr_mean vs Slug



Right In: 2689.905+/-714.110 χ^2/NDF: 24.7/23

Left Out: 1475.648+/-451.347 χ^2/NDF:20.9/24

Right Out: -3207.604+/-683.752 χ^2/NDF: 14.8/26

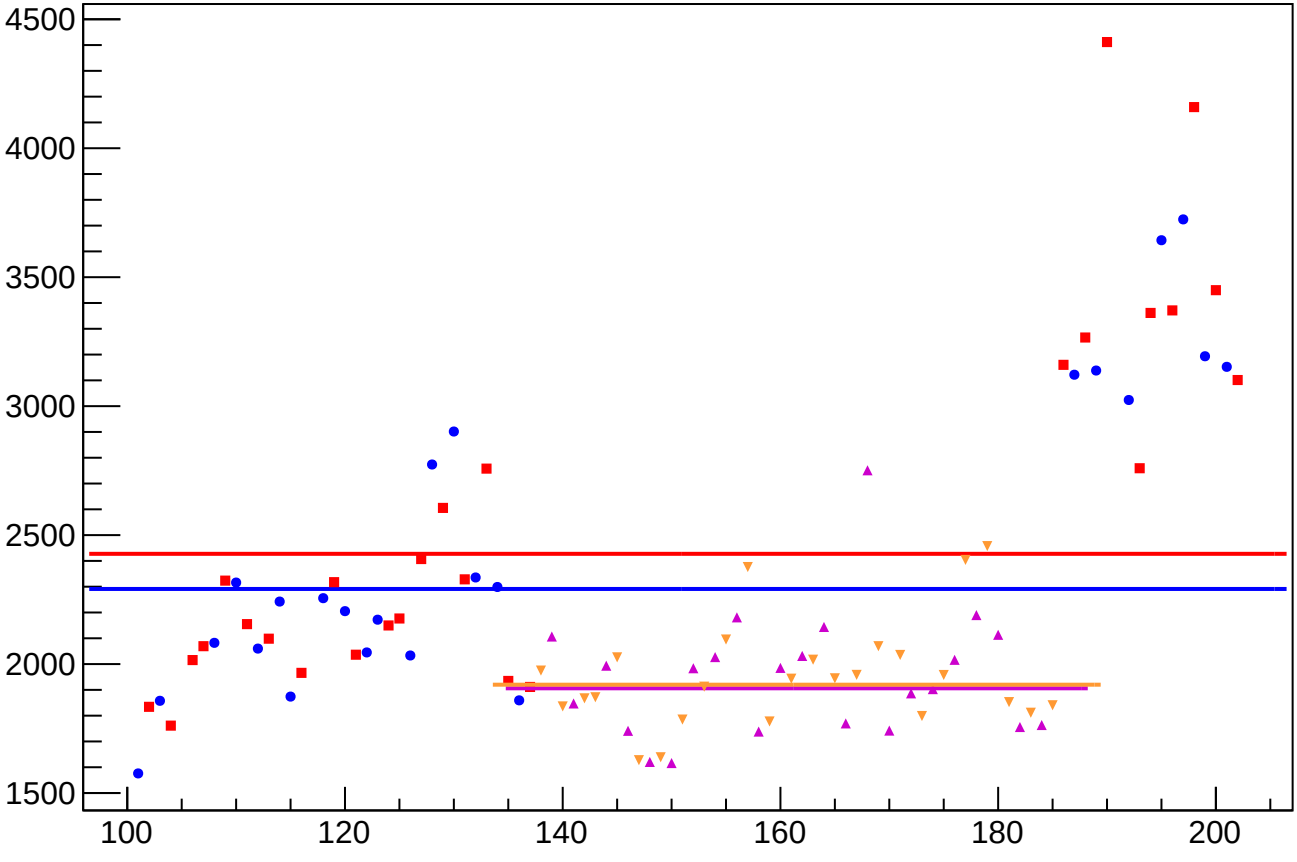
Left In: -2339.905+/-457.448 χ^2/NDF:25.2/22

+ sign 1822.255+/-381.529 χ^2/NDF: 47.7/48

All: -400.673+/-269.313 χ^2/NDF: 156.4/98

- sign -2608.198+/-380.205 χ^2/NDF: 41.1/49

asym_usr_rms vs Slug



Right In: 2291.249+/-0.505 χ^2/NDF: 1377006.7/23

Left Out: 1920.082+/-0.319 χ^2/NDF:365919.7/24

Right Out: 2427.468+/-0.483 χ^2/NDF: 1578953.7/26

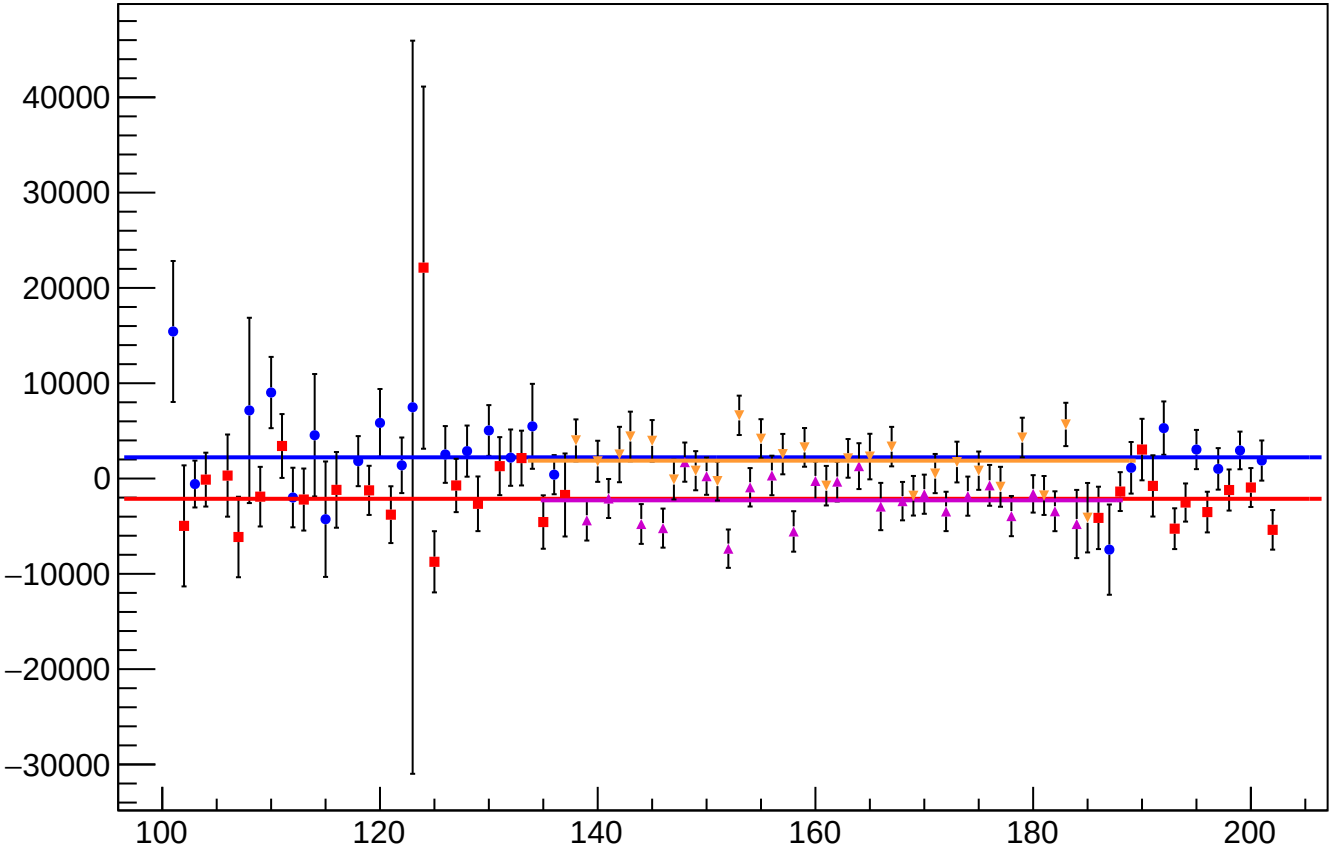
Left In: 1906.043+/-0.323 χ^2/NDF:451054.7/22

+ sign 2026.031+/-0.270 χ^2/NDF: 2129002.8/48

All: 2046.721+/-0.190 χ^2/NDF: 4974204.5/98

- sign 2067.268+/-0.269 χ^2/NDF: 2833479.3/49

dit_asym_at1_avg_mean vs Slug



Right In: 2225.943+/-598.255 χ^2/NDF: 21.0/23

Left Out: 1875.290+/-433.245 χ^2/NDF:30.0/24

Right Out: -2126.044+/-532.150 χ^2/NDF: 24.4/27

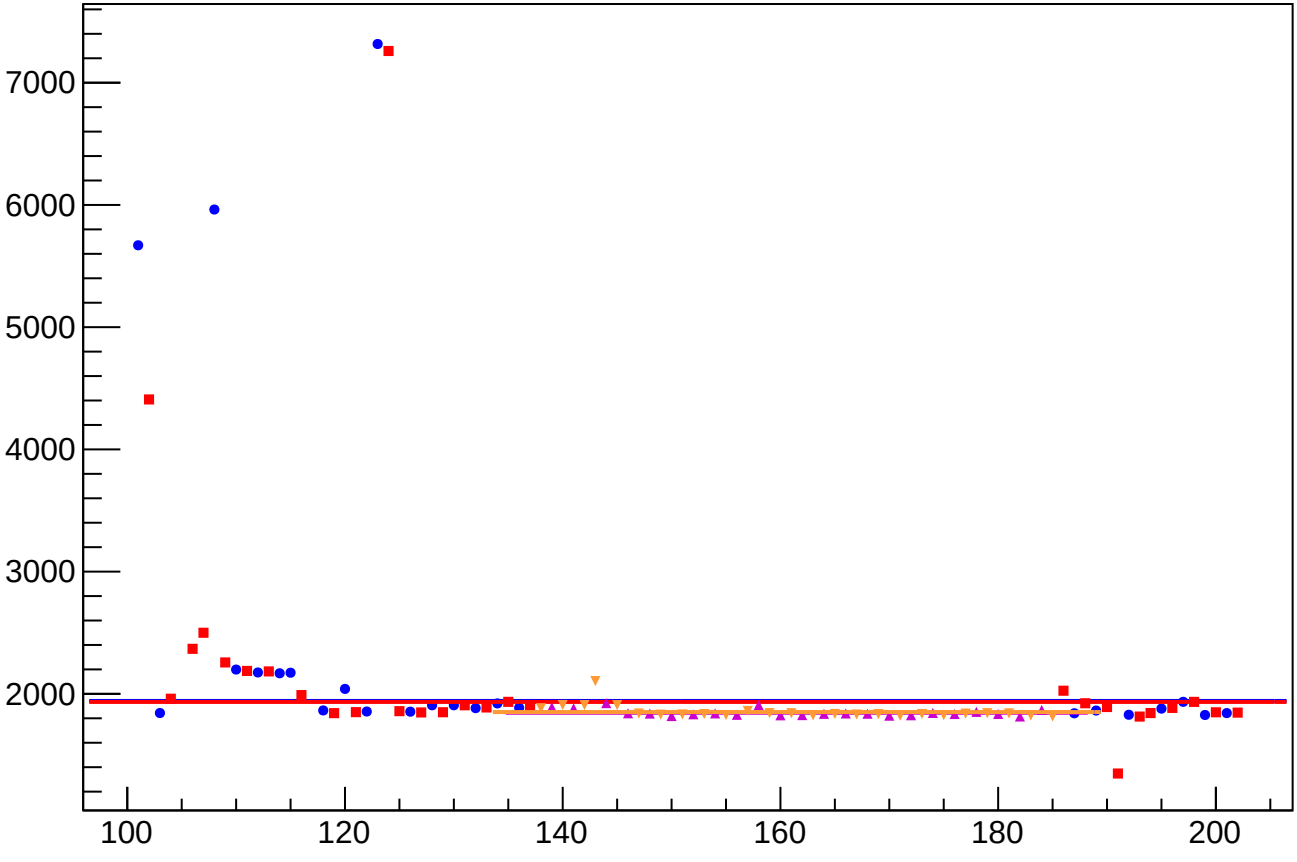
Left In: -2286.268+/-441.005 χ^2/NDF:27.3/22

+ sign 1995.922+/-350.896 χ^2/NDF: 51.2/48

All: -181.783+/-244.014 χ^2/NDF: 177.6/99

- sign -2221.032+/-339.558 χ^2/NDF: 51.8/50

dit_asym_at1_avg_rms vs Slug



Right In: 1941.833+/-0.423 χ^2/NDF: 947157.5/23

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

Right Out: 1933.951+/-0.376 χ^2/NDF: 658780.6/27

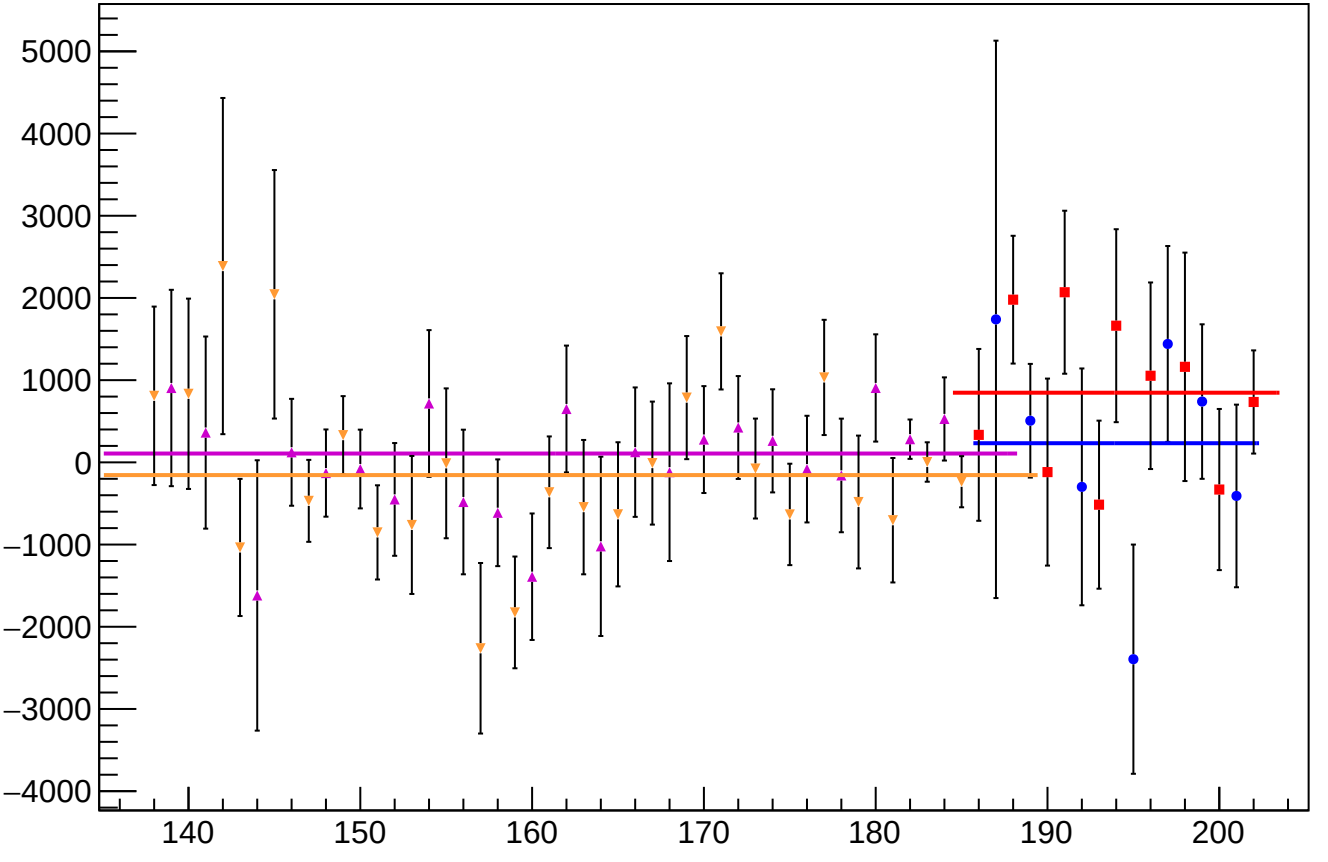
Left In: 1845.411+/-0.312 χ^2/NDF:8318.8/22

+ sign 1882.292+/-0.248 χ^2/NDF: 1003608.9/48

All: 1881.863+/-0.173 χ^2/NDF: 1703537.4/99

- sign 1881.461+/-0.240 χ^2/NDF: 699922.7/50

asym_at1_avg_correction_mean vs Slug



Right In: 232.888+/-414.449 χ^2/NDF: 5.7/6

Left Out: -154.845+/-119.654 χ^2/NDF:33.0/24

Right Out: 847.288+/-302.655 χ^2/NDF: 8.4/9

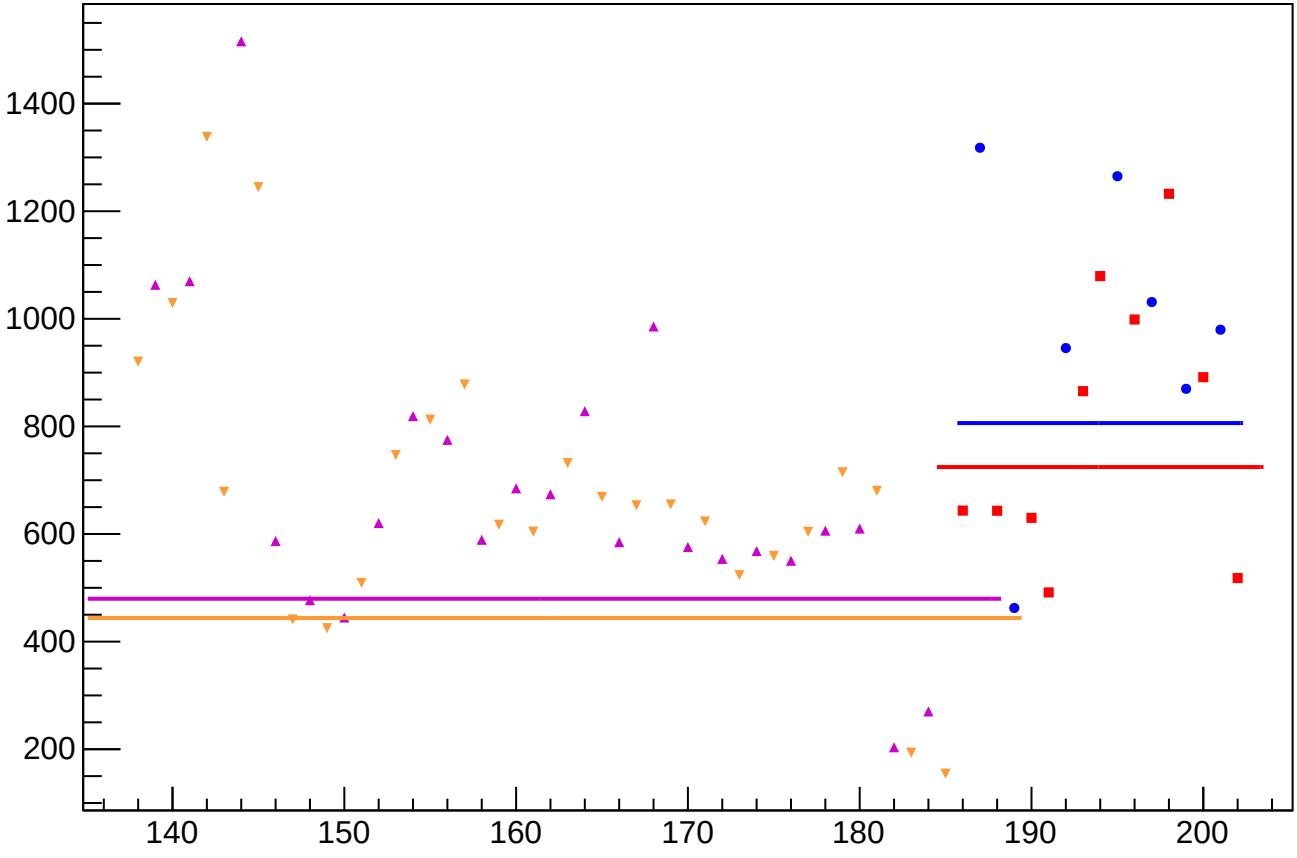
Left In: 107.387+/-127.580 χ^2/NDF:13.5/22

+ sign -125.014+/-114.959 χ^2/NDF: 39.5/31

All: 43.155+/-82.193 χ^2/NDF: 70.9/64

- sign 219.025+/-117.562 χ^2/NDF: 27.0/32

asym_at1_avg_correction_rms vs Slug



Right In: 806.213+/-0.293 χ^2/NDF: 904358.9/6

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

Right Out: 724.510+/-0.214 χ^2/NDF: 1037318.2/9

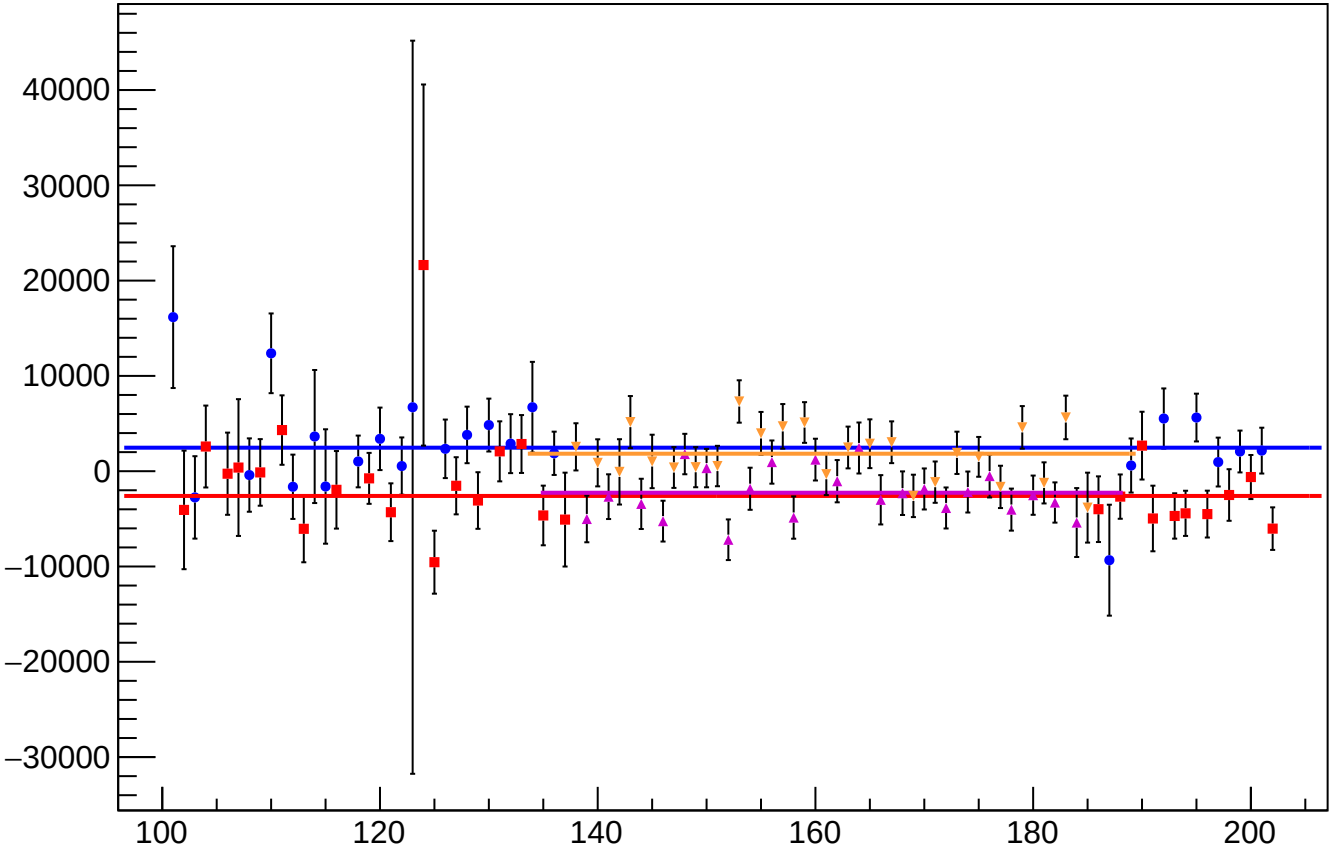
Left In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

+ sign 471.833+/-0.081 χ^2/NDF: 10887885.4/31

All: 493.743+/-0.058 χ^2/NDF: 19919347.7/64

- sign 516.657+/-0.083 χ^2/NDF: 8882832.6/32

asym_at1_avg_mean vs Slug



Right In: 2467.159+/-657.915 χ^2/NDF: 23.1/23

Left Out: 1834.720+/-463.777 χ^2/NDF:32.8/24

Right Out: -2597.121+/-592.438 χ^2/NDF: 28.1/27

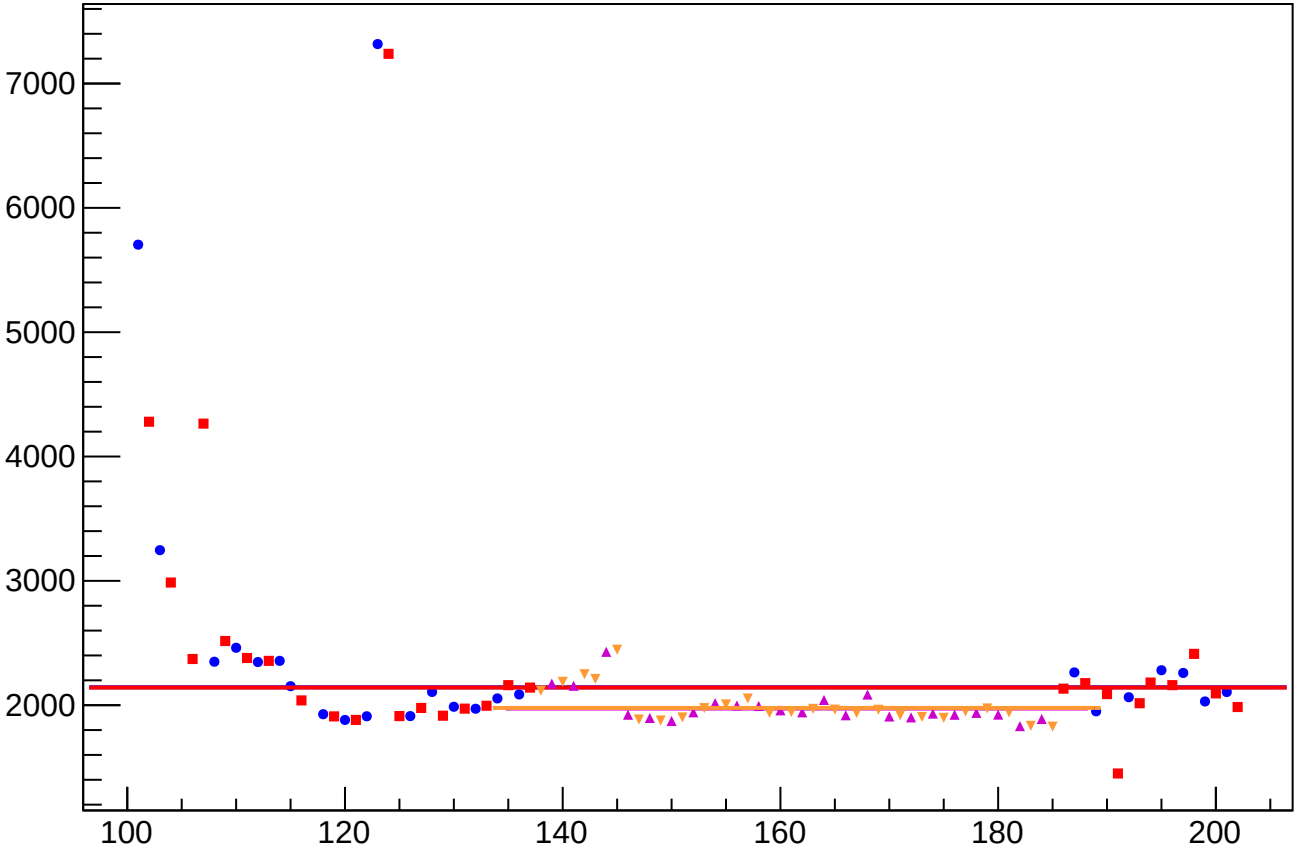
Left In: -2260.178+/-472.324 χ^2/NDF:26.3/22

+ sign 2044.663+/-379.063 χ^2/NDF: 56.5/48

All: -230.981+/-264.525 χ^2/NDF: 181.3/99

- sign -2391.117+/-369.317 χ^2/NDF: 54.6/50

asym_at1_avg_rms vs Slug



Right In: 2143.991+/-0.465 χ^2/NDF: 741753.1/23

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

Right Out: 2141.877+/-0.419 χ^2/NDF: 865466.0/27

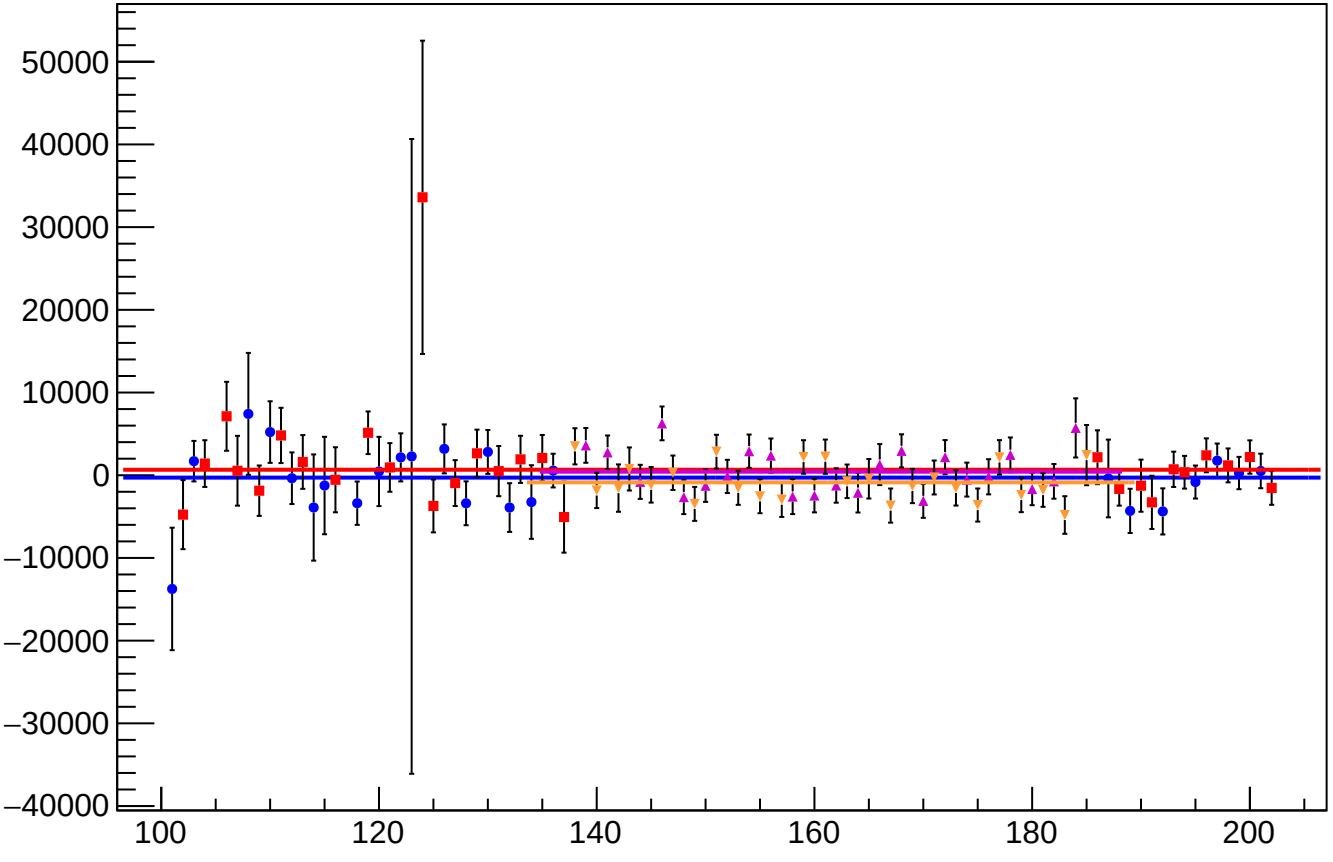
Left In: 1973.216+/-0.334 χ^2/NDF:120479.3/22

+ sign 2033.132+/-0.268 χ^2/NDF: 964454.1/48

All: 2036.019+/-0.187 χ^2/NDF: 2049729.0/99

- sign 2038.759+/-0.261 χ^2/NDF: 1085048.7/50

dit_asym_at1_dd_mean vs Slug



Right In: -286.509+/-592.694 χ^2/NDF: 21.7/23

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

Right Out: 663.698+/-522.791 χ^2/NDF: 23.5/27

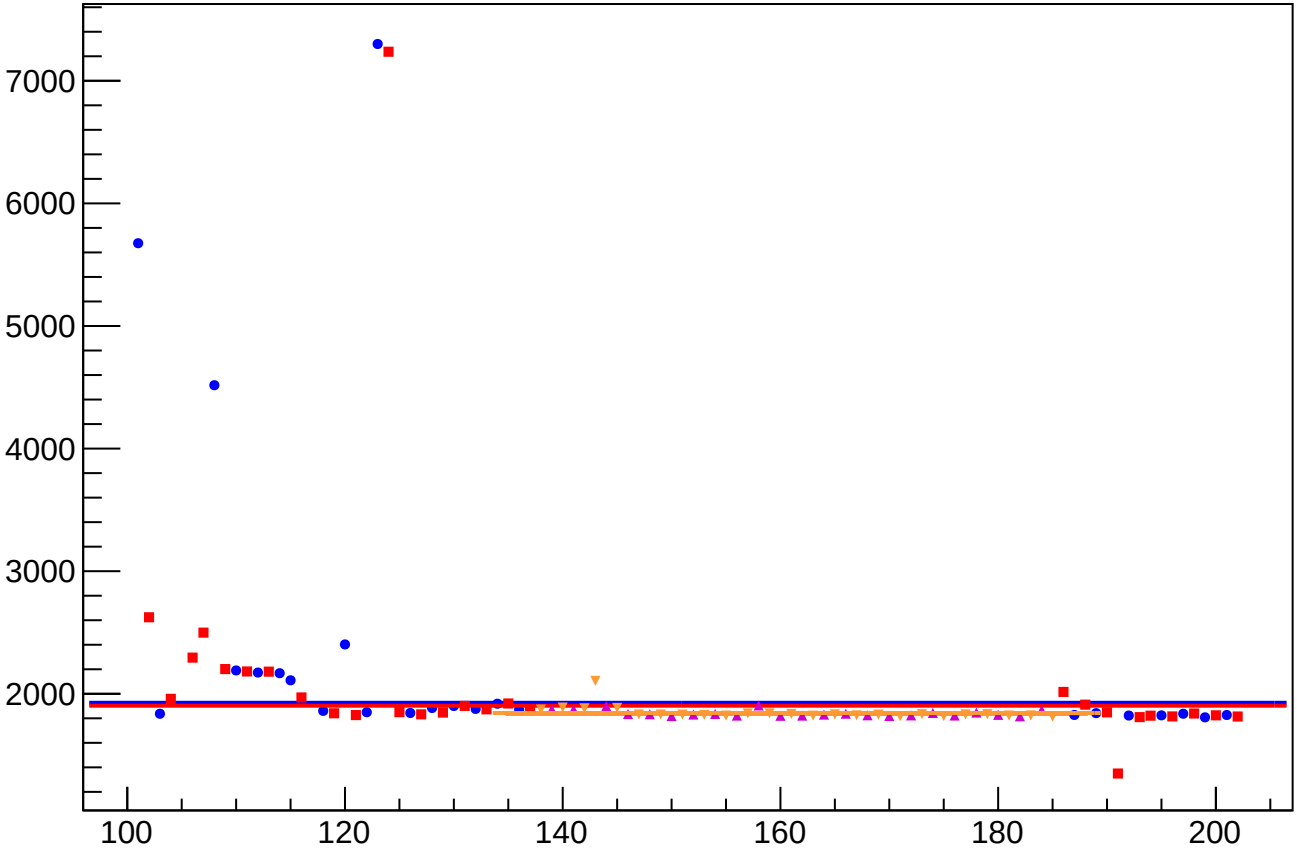
Left In: 427.682+/-439.561 χ^2/NDF:33.7/22

+ sign -660.462+/-348.825 χ^2/NDF: 49.1/48

All: -46.094+/-242.160 χ^2/NDF: 112.4/99

- sign 525.429+/-336.442 χ^2/NDF: 57.3/50

dit_asym_at1_dd_rms vs Slug



Right In: 1926.647+/-0.419 χ^2/NDF: 888122.5/23

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

Right Out: 1903.061+/-0.370 χ^2/NDF: 412251.2/27

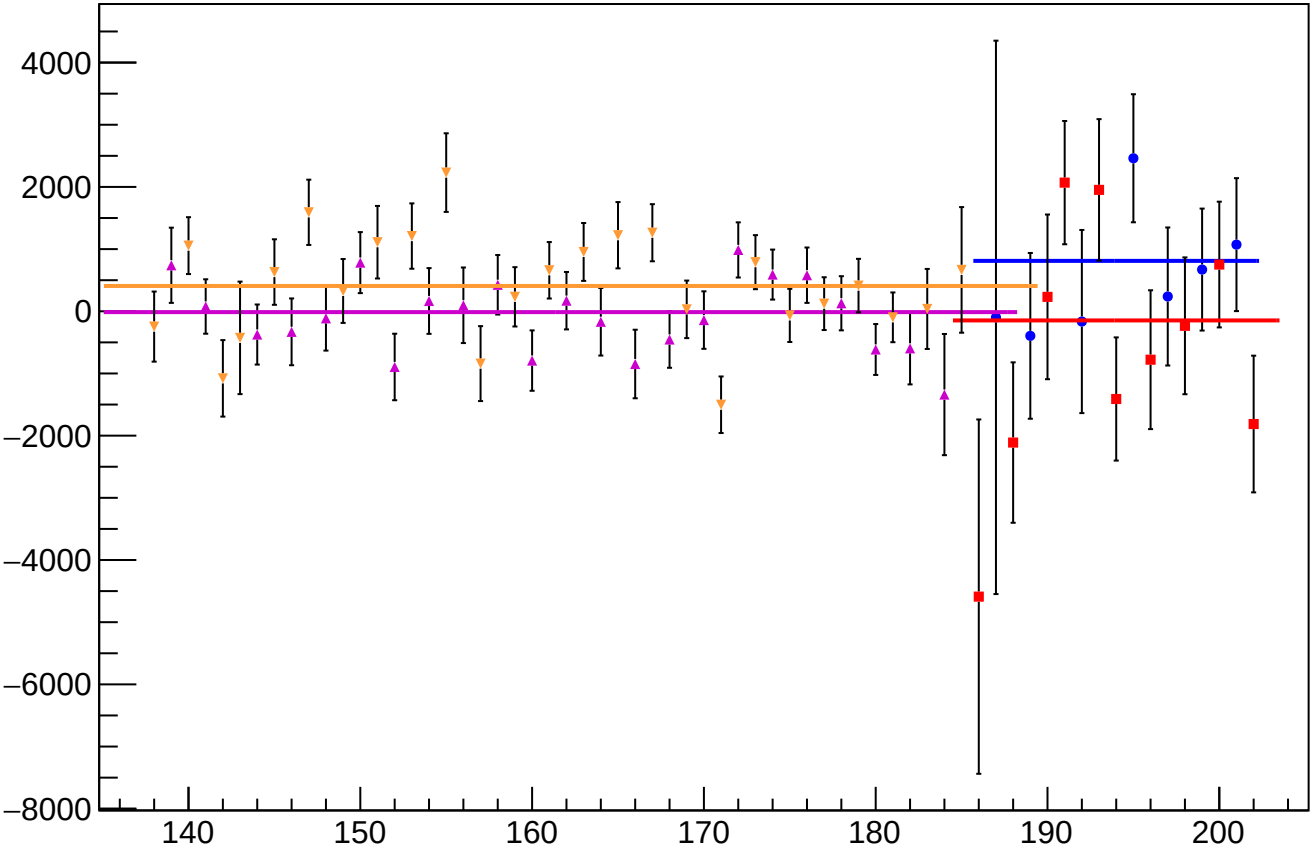
Left In: 1839.431+/-0.311 χ^2/NDF:6418.5/22

+ sign 1872.323+/-0.247 χ^2/NDF: 938802.3/48

All: 1868.935+/-0.171 χ^2/NDF: 1375192.9/99

- sign 1865.784+/-0.238 χ^2/NDF: 436026.5/50

asym_at1_dd_correction_mean vs Slug



Right In: 810.797+/-459.129 χ^2/NDF: 4.2/6

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

Right Out: -146.901+/-364.216 χ^2/NDF: 18.3/9

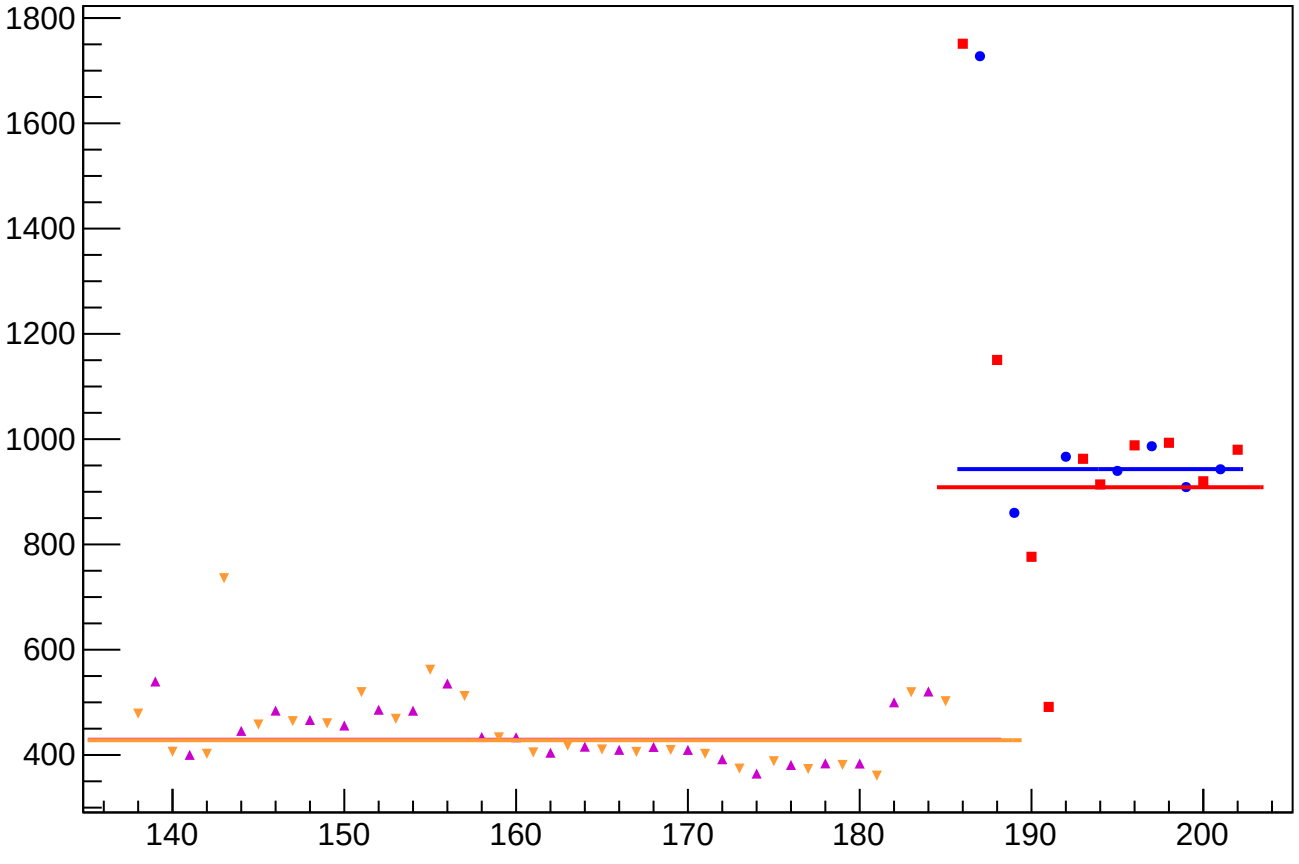
Left In: -13.395+/-102.912 χ^2/NDF:29.2/22

+ sign 426.022+/-98.848 χ^2/NDF: 67.1/31

All: 201.803+/-69.962 χ^2/NDF: 125.0/64

- sign -23.266+/-99.035 χ^2/NDF: 47.6/32

asym_at1_dd_correction_rms vs Slug



Right In: 943.083+/-0.325 χ^2/NDF: 75938.9/6

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

Right Out: 908.635+/-0.258 χ^2/NDF: 654726.0/9

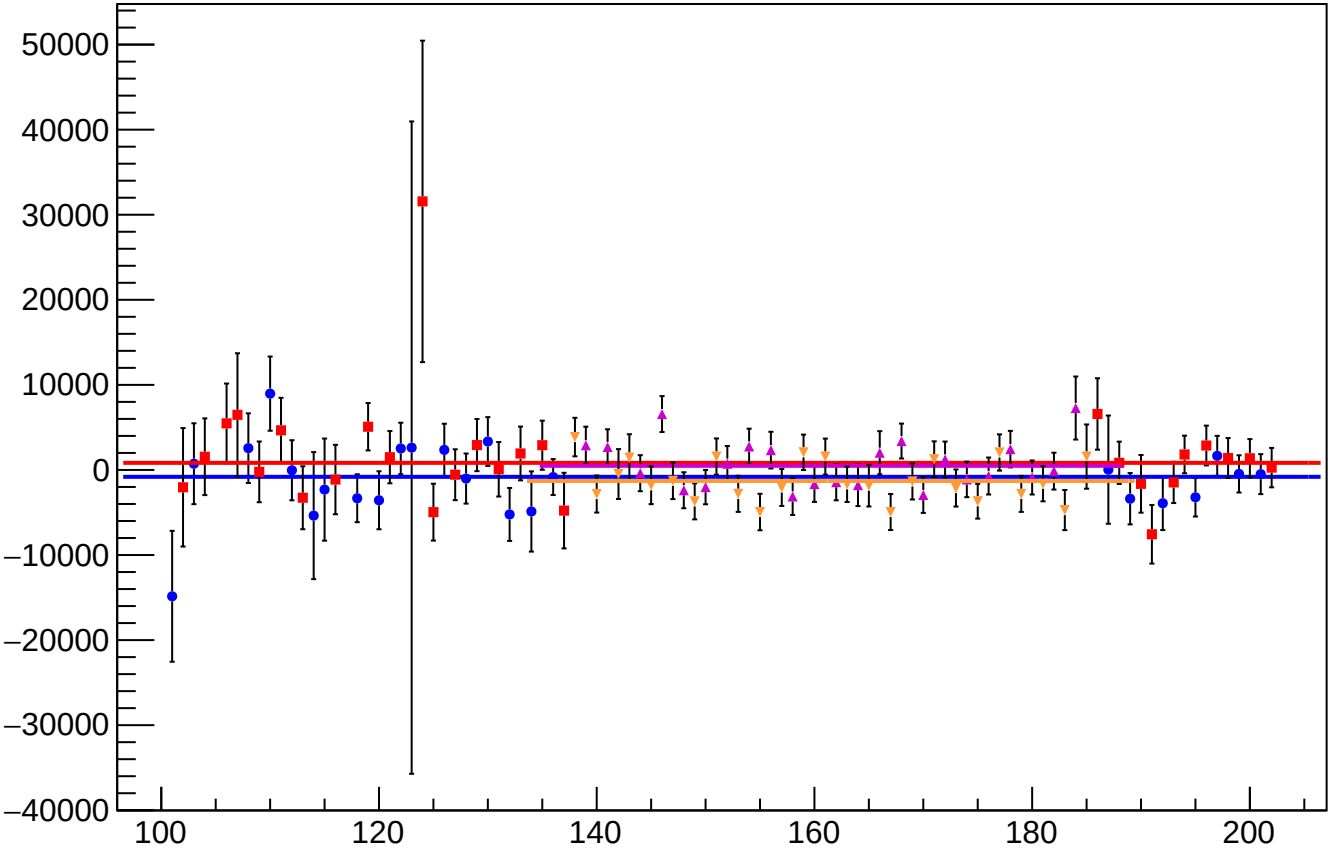
Left In: 428.926+/-0.073 χ^2/NDF:418755.3/22

+ sign 451.924+/-0.070 χ^2/NDF: 3180695.3/31

All: 458.148+/-0.049 χ^2/NDF: 7483051.3/64

- sign 464.394+/-0.070 χ^2/NDF: 4286471.4/32

asym_at1_dd_mean vs Slug



Right In: -808.593+/-653.928 χ^2/NDF: 22.2/23

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

Right Out: 834.799+/-593.554 χ^2/NDF: 25.7/27

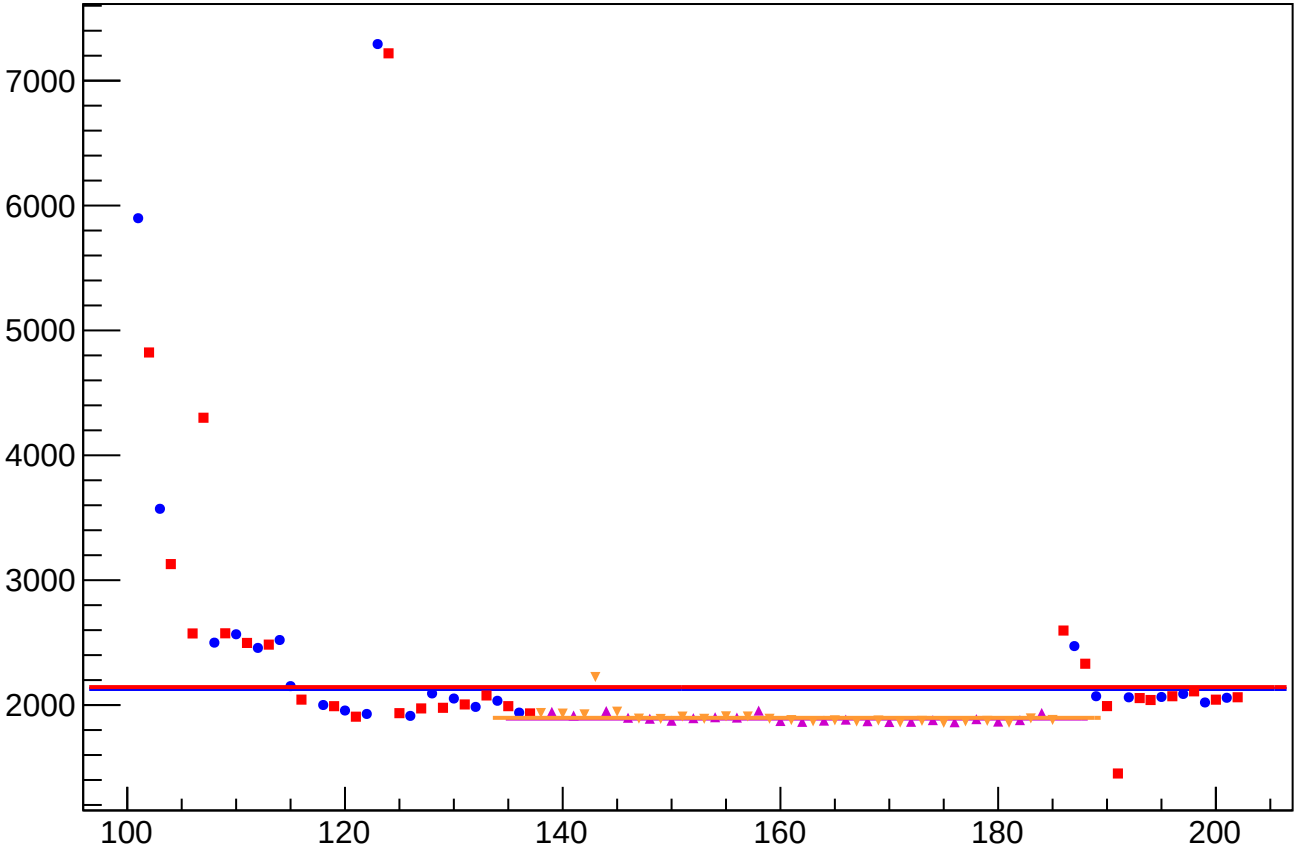
Left In: 485.827+/-452.020 χ^2/NDF:32.4/22

+ sign -1140.867+/-367.416 χ^2/NDF: 52.2/48

All: -244.639+/-256.999 χ^2/NDF: 122.2/99

- sign 613.924+/-359.613 χ^2/NDF: 58.3/50

asym_at1_dd_rms vs Slug



Right In: 2128.816+/-0.462 χ^2/NDF: 827042.3/23

Left Out: 1897.670+/-0.314 χ^2/NDF:35089.1/24

Right Out: 2143.878+/-0.420 χ^2/NDF: 982870.8/27

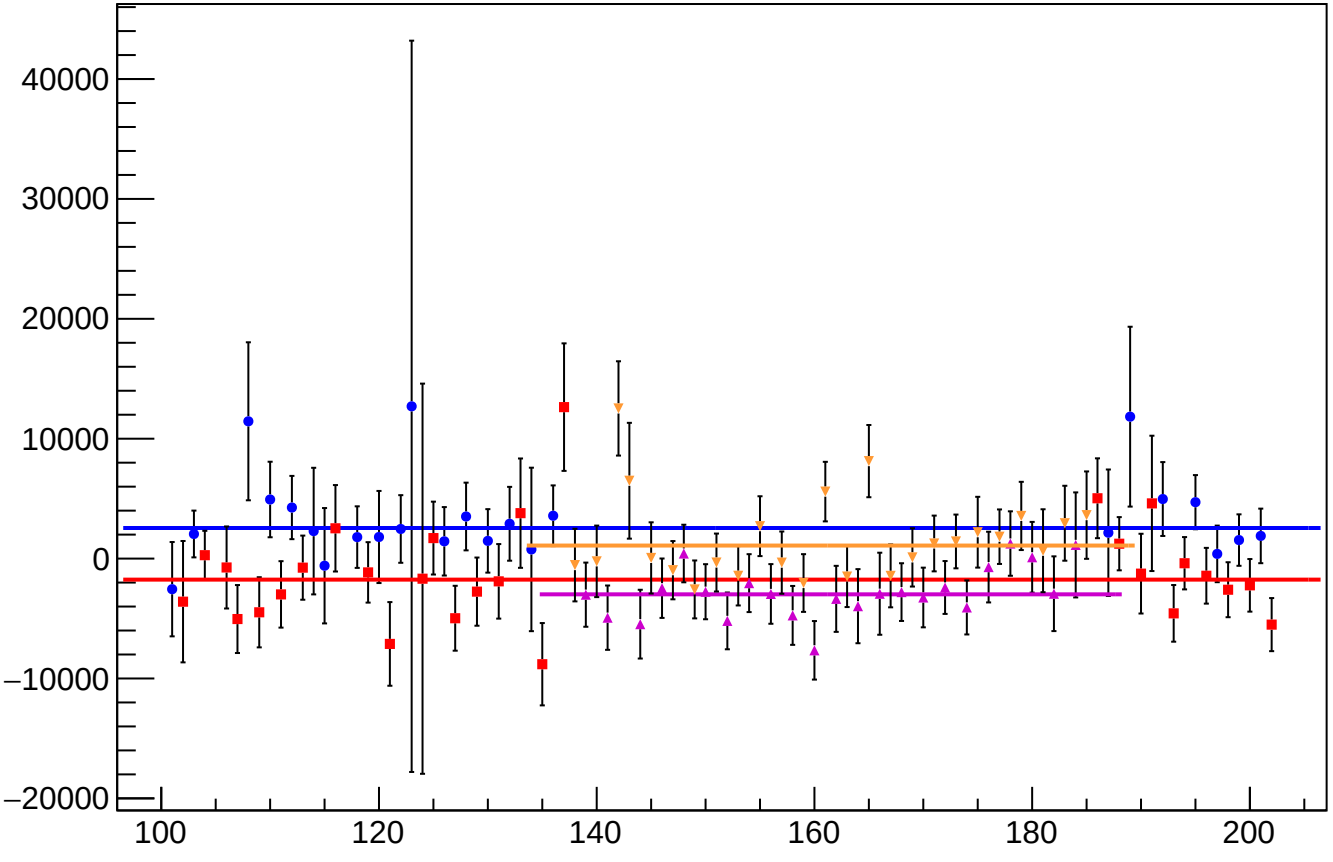
Left In: 1891.722+/-0.320 χ^2/NDF:7584.2/22

+ sign 1970.640+/-0.260 χ^2/NDF: 1033132.7/48

All: 1977.607+/-0.182 χ^2/NDF: 2253451.4/99

- sign 1984.281+/-0.254 χ^2/NDF: 1218910.7/50

dit_asym_at2_avg_mean vs Slug



Right In: 2551.792+/-615.589 χ^2/NDF: 10.1/23

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

Right Out: -1754.492+/-539.982 χ^2/NDF: 35.6/27

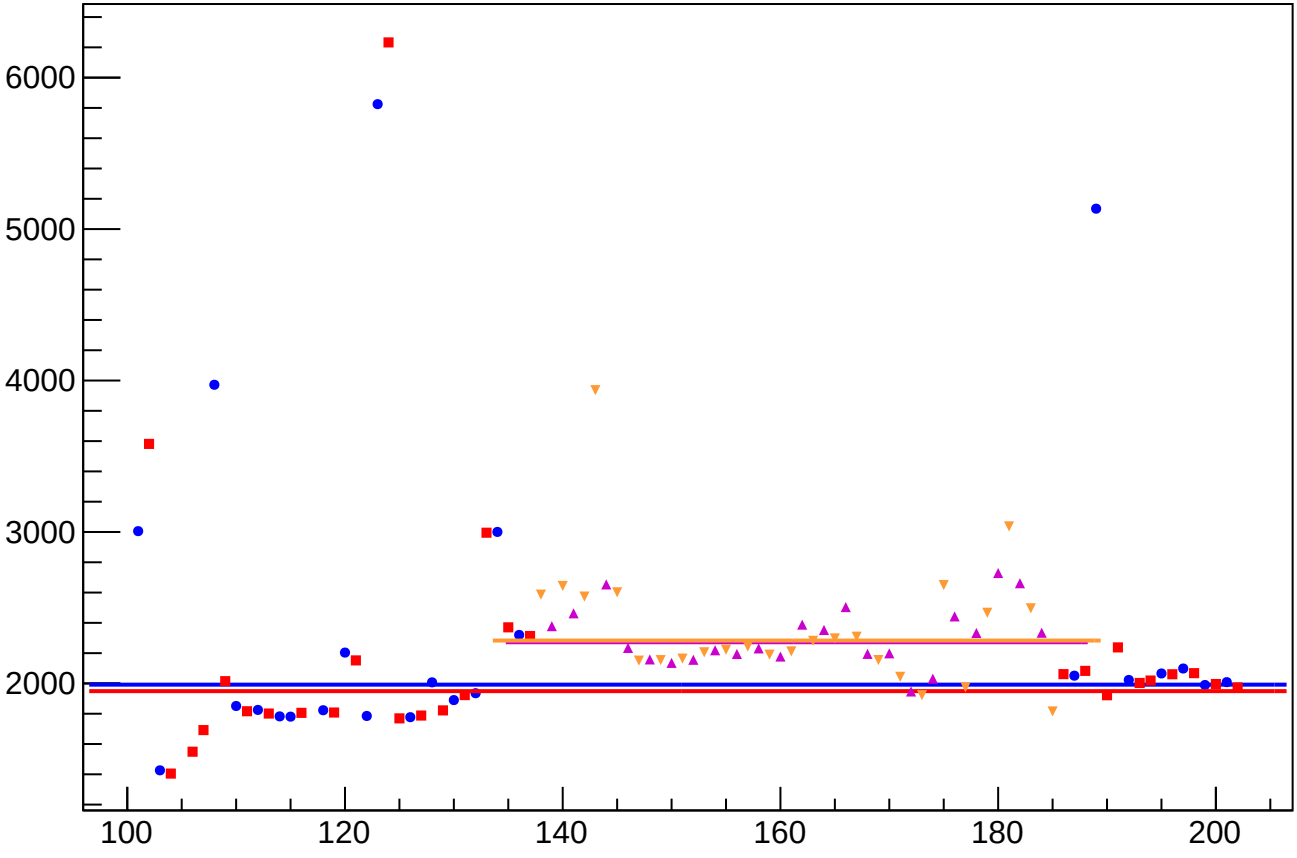
Left In: -2981.160+/-546.107 χ^2/NDF:14.0/22

+ sign 1725.809+/-406.364 χ^2/NDF: 43.2/48

All: -433.243+/-279.090 χ^2/NDF: 148.8/99

- sign -2360.908+/-383.972 χ^2/NDF: 52.2/50

dit_asym_at2_avg_rms vs Slug



Right In: 1991.962+/-0.435 χ^2/NDF: 1008031.4/23

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

Right Out: 1949.200+/-0.382 χ^2/NDF: 754071.2/27

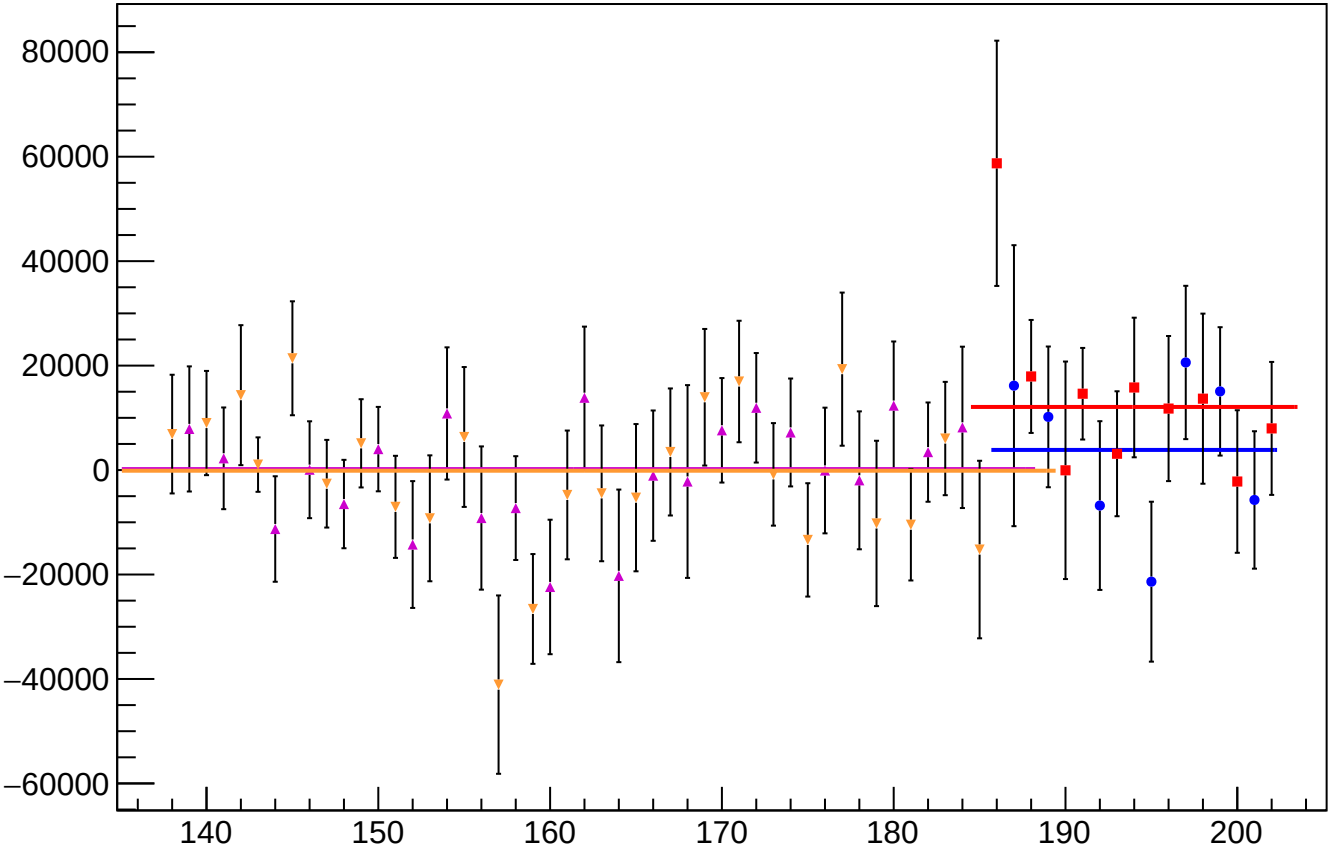
Left In: 2271.946+/-0.386 χ^2/NDF:243546.3/22

+ sign 2156.292+/-0.287 χ^2/NDF: 1895054.5/48

All: 2131.167+/-0.197 χ^2/NDF: 3260390.0/99

- sign 2108.737+/-0.271 χ^2/NDF: 1350864.4/50

asym_at2_avg_correction_mean vs Slug



Right In: 3855.960+/-5587.748 χ^2/NDF: 6.2/6

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

Right Out: 12085.808+/-4125.765 χ^2/NDF: 6.5/9

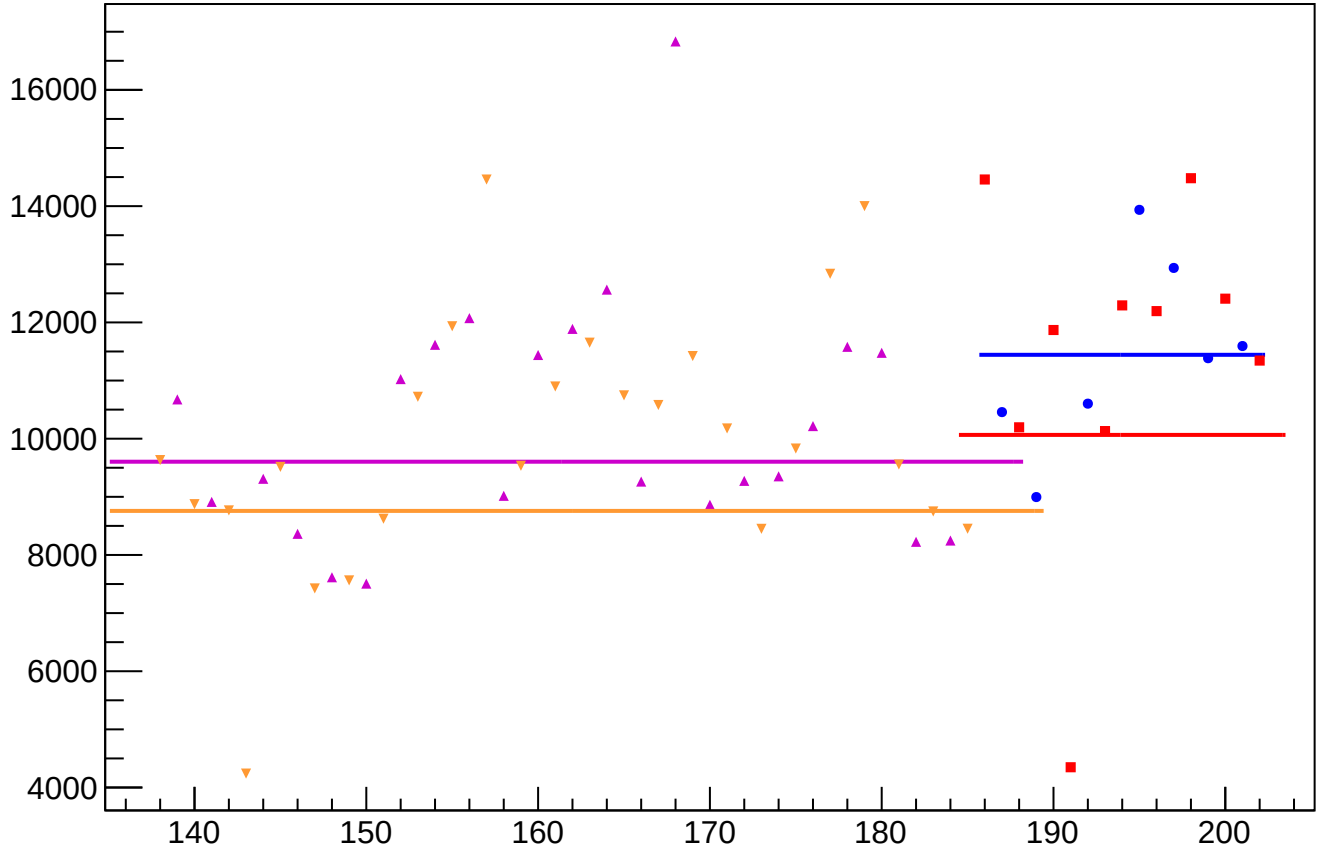
Left In: 185.013+/-2330.398 χ^2/NDF:15.0/22

+ sign 385.585+/-2000.061 χ^2/NDF: 36.4/31

All: 1705.264+/-1424.408 χ^2/NDF: 65.1/64

- sign 3063.523+/-2029.085 χ^2/NDF: 27.9/32

asym_at2_avg_correction_rms vs Slug



Right In: 11442.821+/-3.951 χ^2/NDF: 148153.8/6

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

Right Out: 10065.132+/-2.917 χ^2/NDF: 1263966.7/9

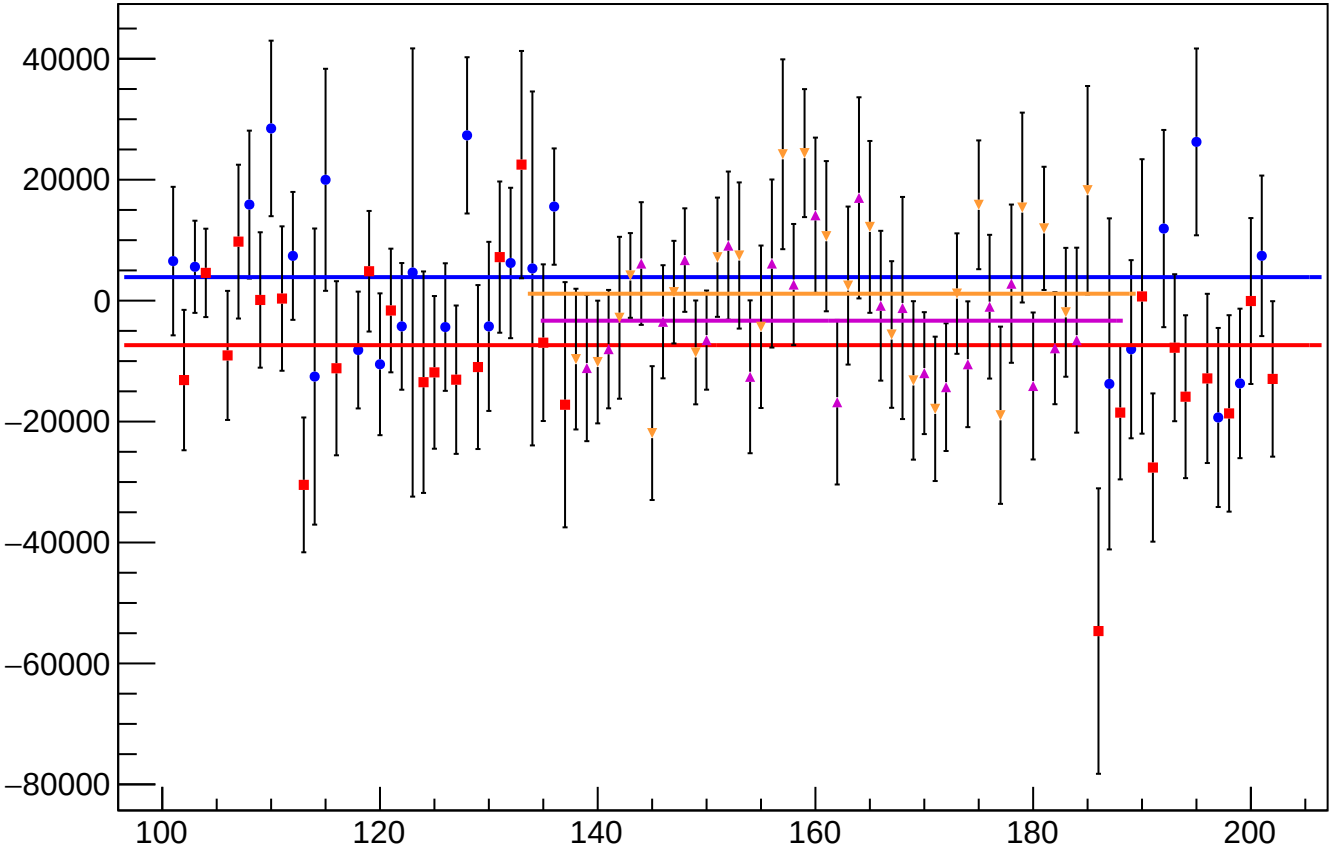
Left In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

+ sign 9101.818+/-1.414 χ^2/NDF: 3329885.9/31

All: 9404.267+/-1.007 χ^2/NDF: 5801404.0/64

- sign 9715.557+/-1.435 χ^2/NDF: 2378711.5/32

asym_at2_avg_mean vs Slug



Right In: 3888.794+/-2618.167 χ^2/NDF: 22.6/23

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

Right Out: -7362.840+/-2365.875 χ^2/NDF: 25.8/27

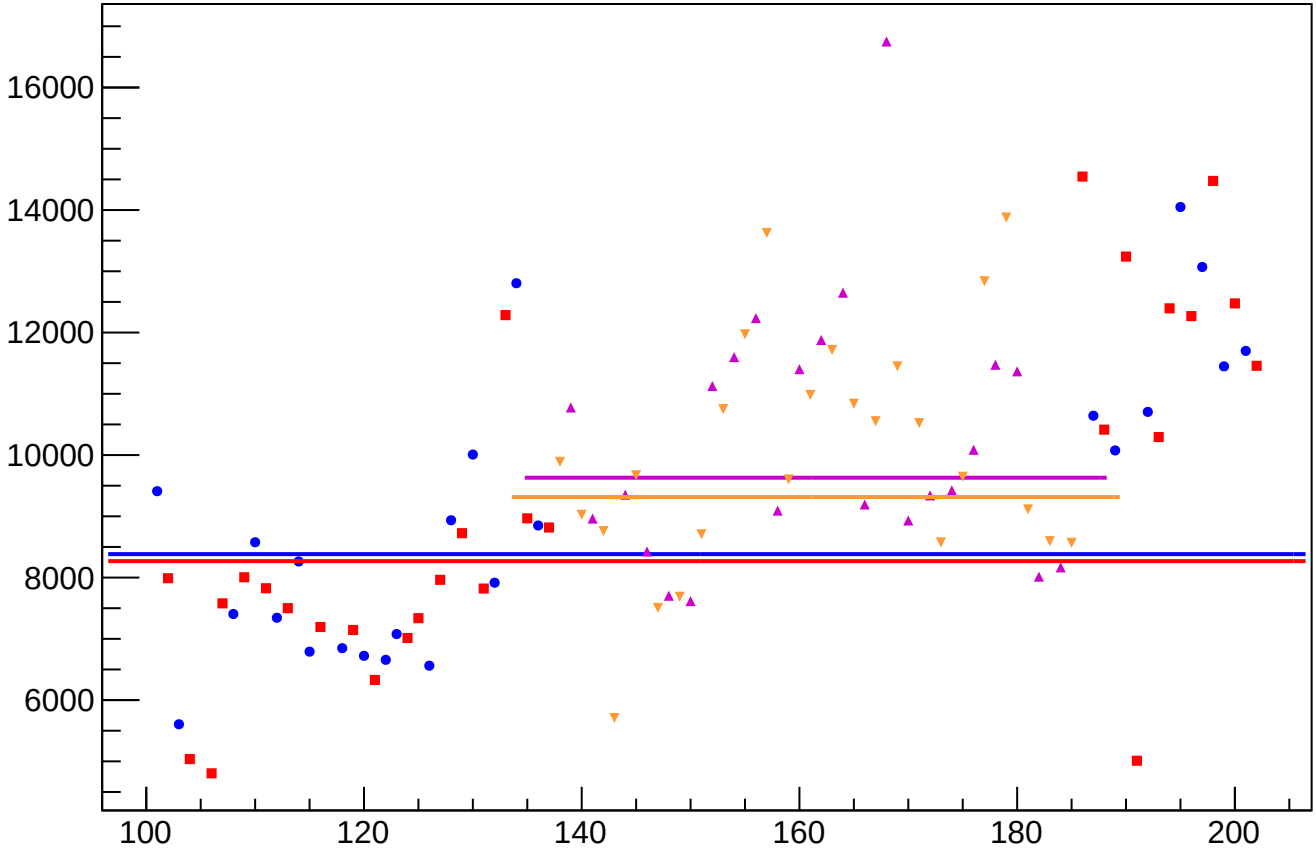
Left In: -3316.960+/-2336.196 χ^2/NDF:13.4/22

+ sign 2300.126+/-1698.698 χ^2/NDF: 51.1/48

All: -1589.492+/-1188.095 χ^2/NDF: 102.2/99

- sign -5314.364+/-1662.334 χ^2/NDF: 40.8/50

asym_at2_avg_rms vs Slug



Right In: 8382.704+/-1.851 χ^2/NDF: 1416143.6/23

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

Right Out: 8268.474+/-1.673 χ^2/NDF: 2320177.0/27

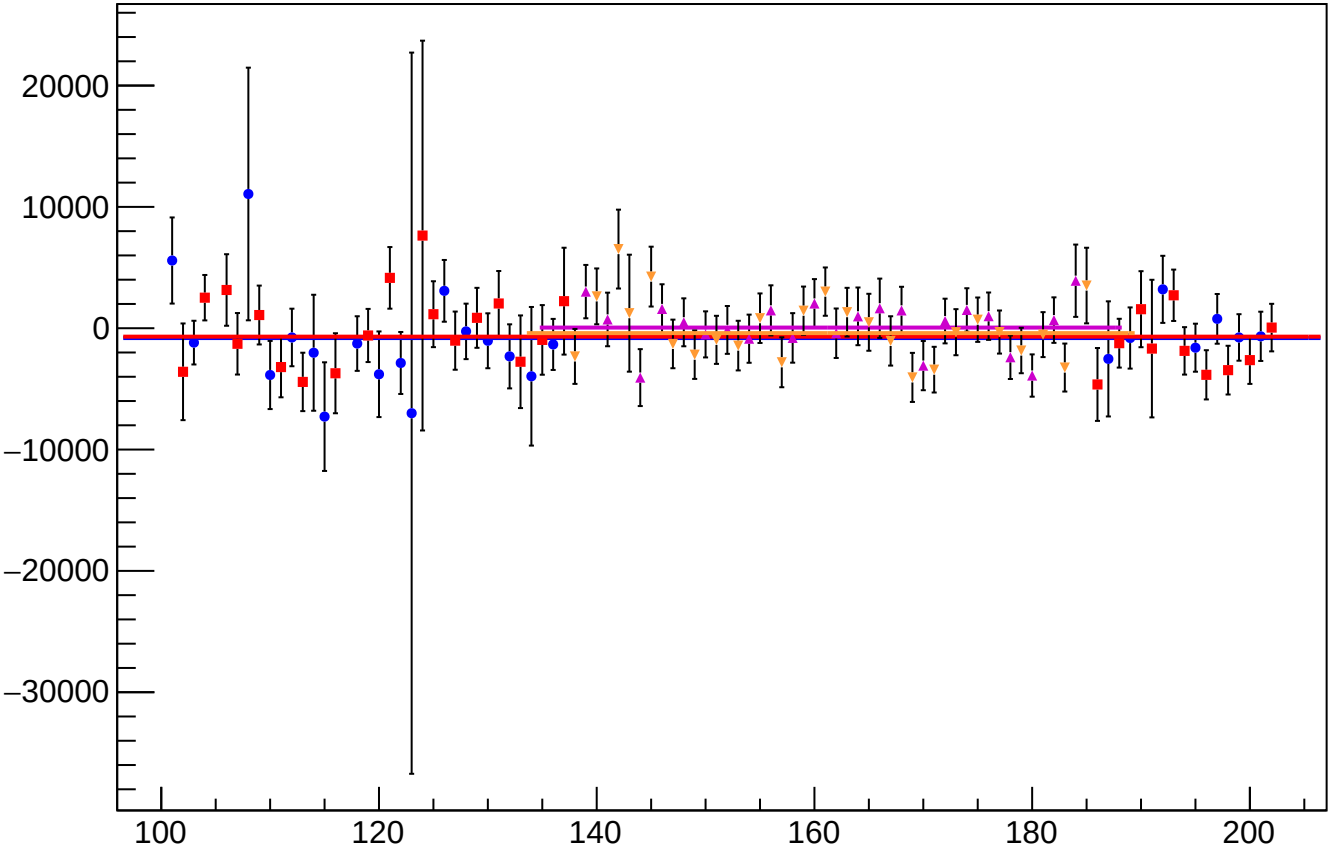
Left In: 9630.345+/-1.652 χ^2/NDF:1074643.5/22

+ sign 8922.764+/-1.201 χ^2/NDF: 3066627.9/48

All: 8940.734+/-0.840 χ^2/NDF: 6797452.4/99

- sign 8957.941+/-1.175 χ^2/NDF: 3730386.4/50

dit_asym_at2_dd_mean vs Slug



Right In: -810.492+/-533.843 χ^2/NDF: 15.5/23

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

Right Out: -694.833+/-475.425 χ^2/NDF: 27.3/27

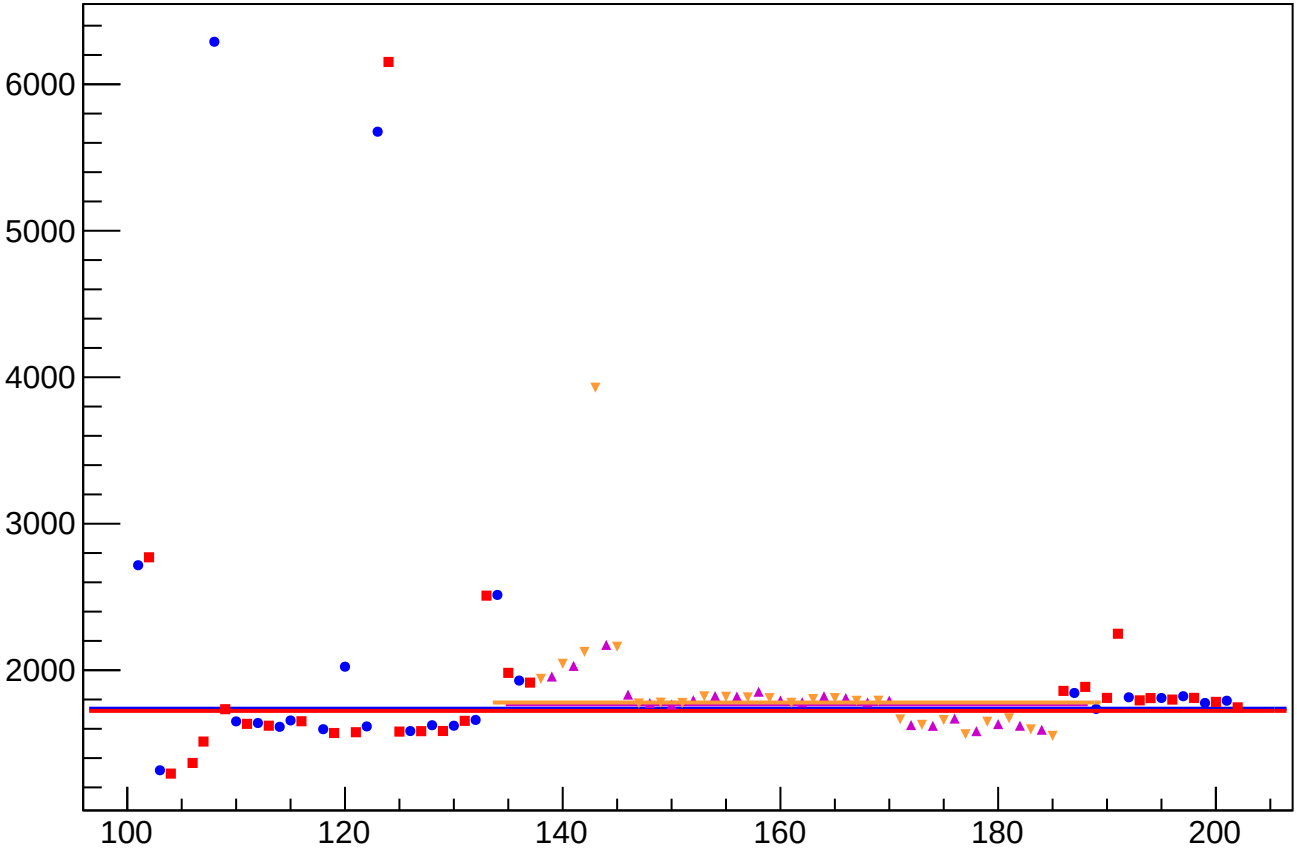
Left In: 53.539+/-422.570 χ^2/NDF:20.9/22

+ sign -558.688+/-329.720 χ^2/NDF: 44.8/48

All: -411.661+/-228.083 χ^2/NDF: 94.7/99

- sign -276.750+/-315.843 χ^2/NDF: 49.5/50

dit_asym_at2_dd_rms vs Slug



Right In: 1737.120+/-0.377 χ^2/NDF: 795397.5/23

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

Right Out: 1722.421+/-0.336 χ^2/NDF: 637407.0/27

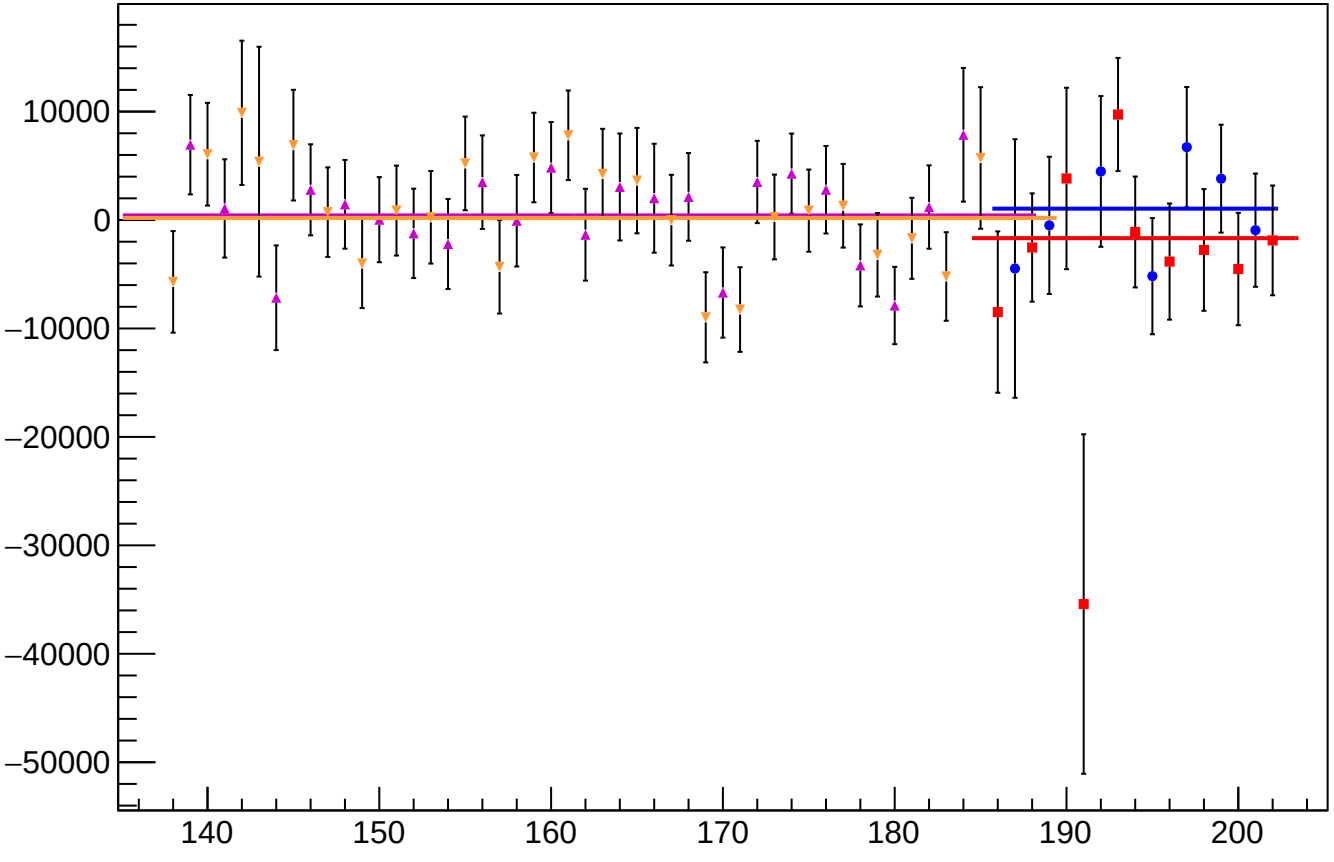
Left In: 1767.314+/-0.299 χ^2/NDF:196583.8/22

+ sign 1763.292+/-0.233 χ^2/NDF: 1414094.5/48

All: 1755.057+/-0.161 χ^2/NDF: 2260440.3/99

- sign 1747.500+/-0.223 χ^2/NDF: 843953.2/50

asym_at2_dd_correction_mean vs Slug



Right In: 1047.832+/-2252.171 χ^2/NDF: 3.4/6

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

Right Out: -1671.929+/-1842.767 χ^2/NDF: 11.2/9

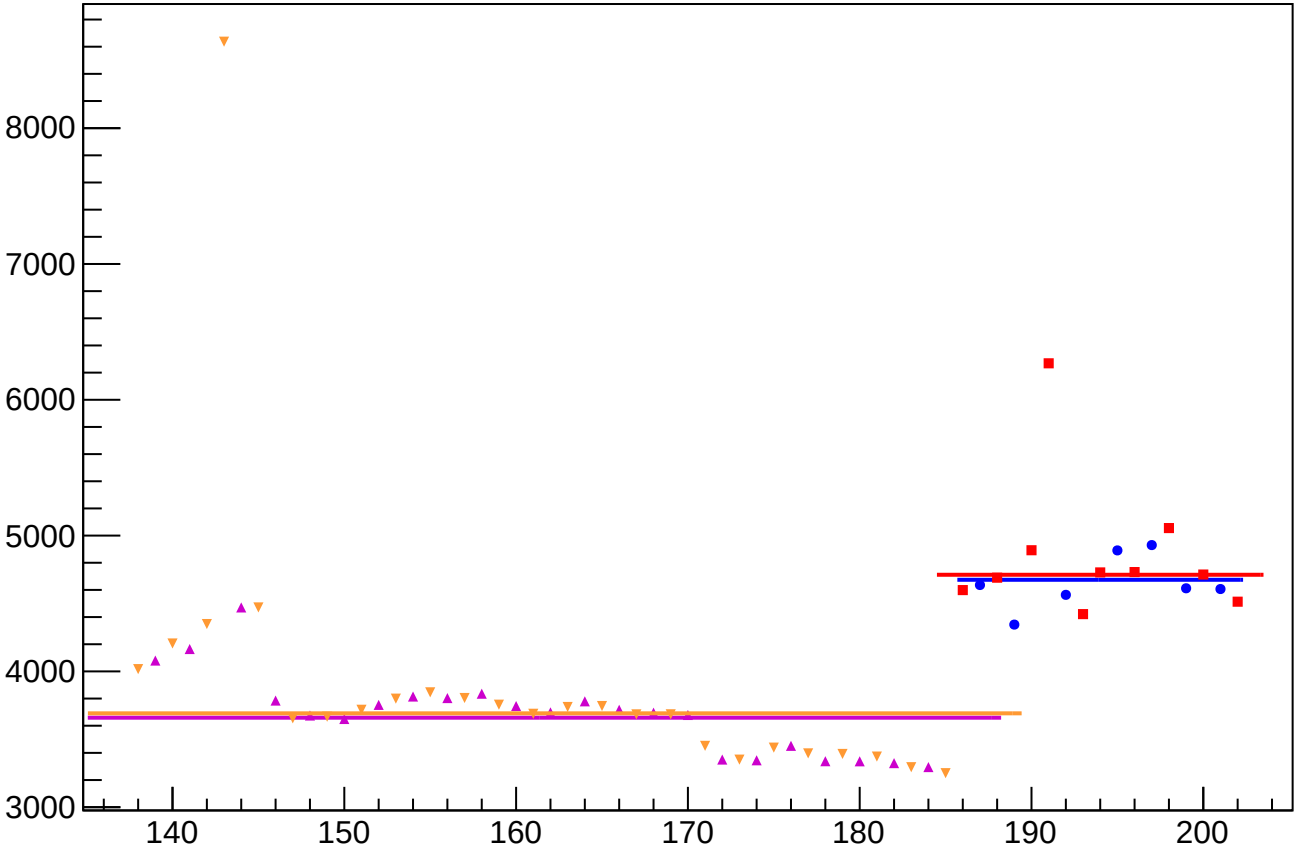
Left In: 426.004+/-874.870 χ^2/NDF:21.3/22

+ sign 302.328+/-811.482 χ^2/NDF: 34.1/31

All: 167.759+/-566.176 χ^2/NDF: 67.7/64

- sign 40.116+/-790.325 χ^2/NDF: 33.6/32

asym_at2_dd_correction_rms vs Slug



Right In: 4674.557+/-1.593 χ^2/NDF: 14134.6/6

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

Right Out: 4711.497+/-1.303 χ^2/NDF: 38027.2/9

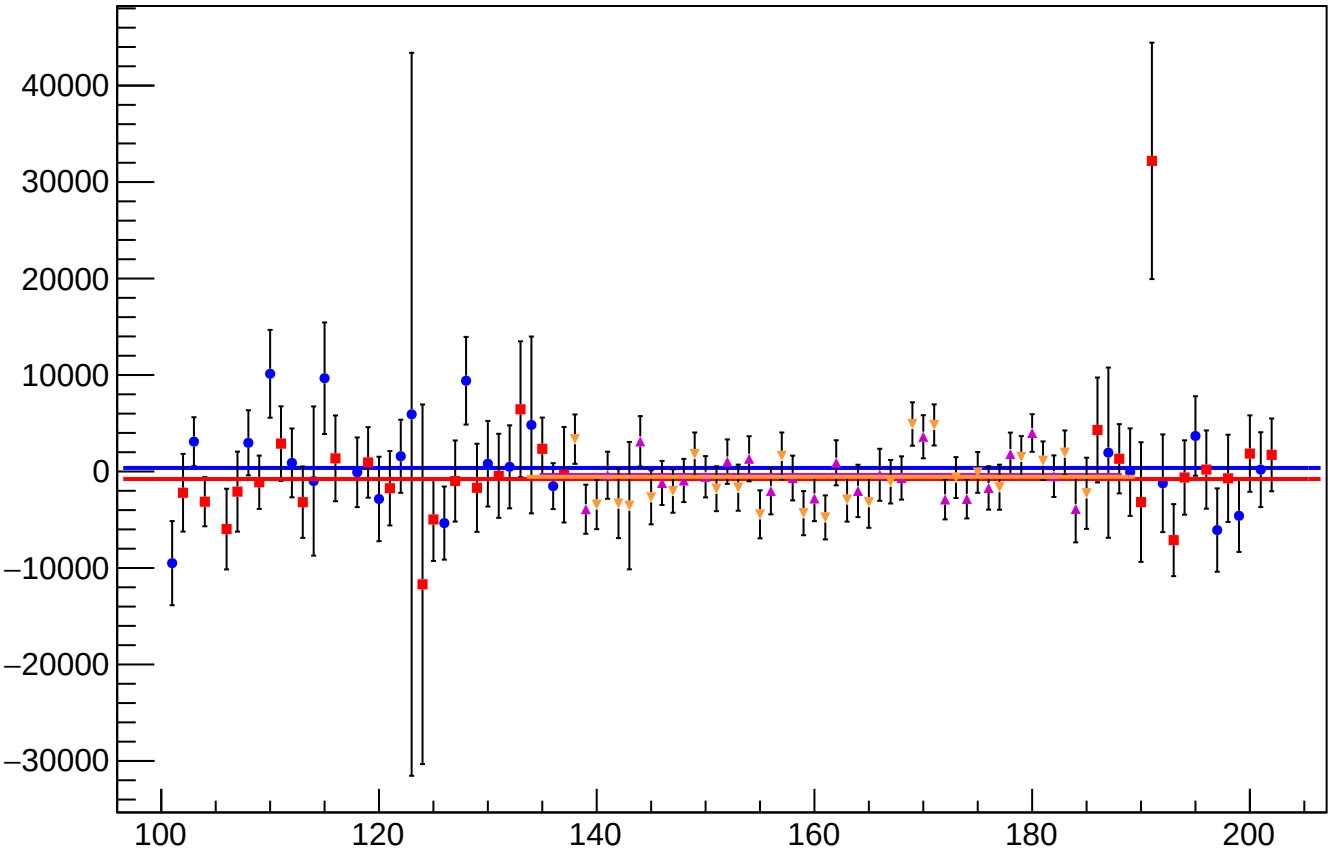
Left In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

+ sign 3818.841+/-0.574 χ^2/NDF: 985409.1/31

All: 3836.200+/-0.400 χ^2/NDF: 1755633.4/64

- sign 3852.665+/-0.559 χ^2/NDF: 768441.0/32

asym_at2_dd_mean vs Slug



Right In: 369.091+/-835.832 χ^2/NDF: 26.7/23

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

Right Out: -778.992+/-768.805 χ^2/NDF: 20.2/27

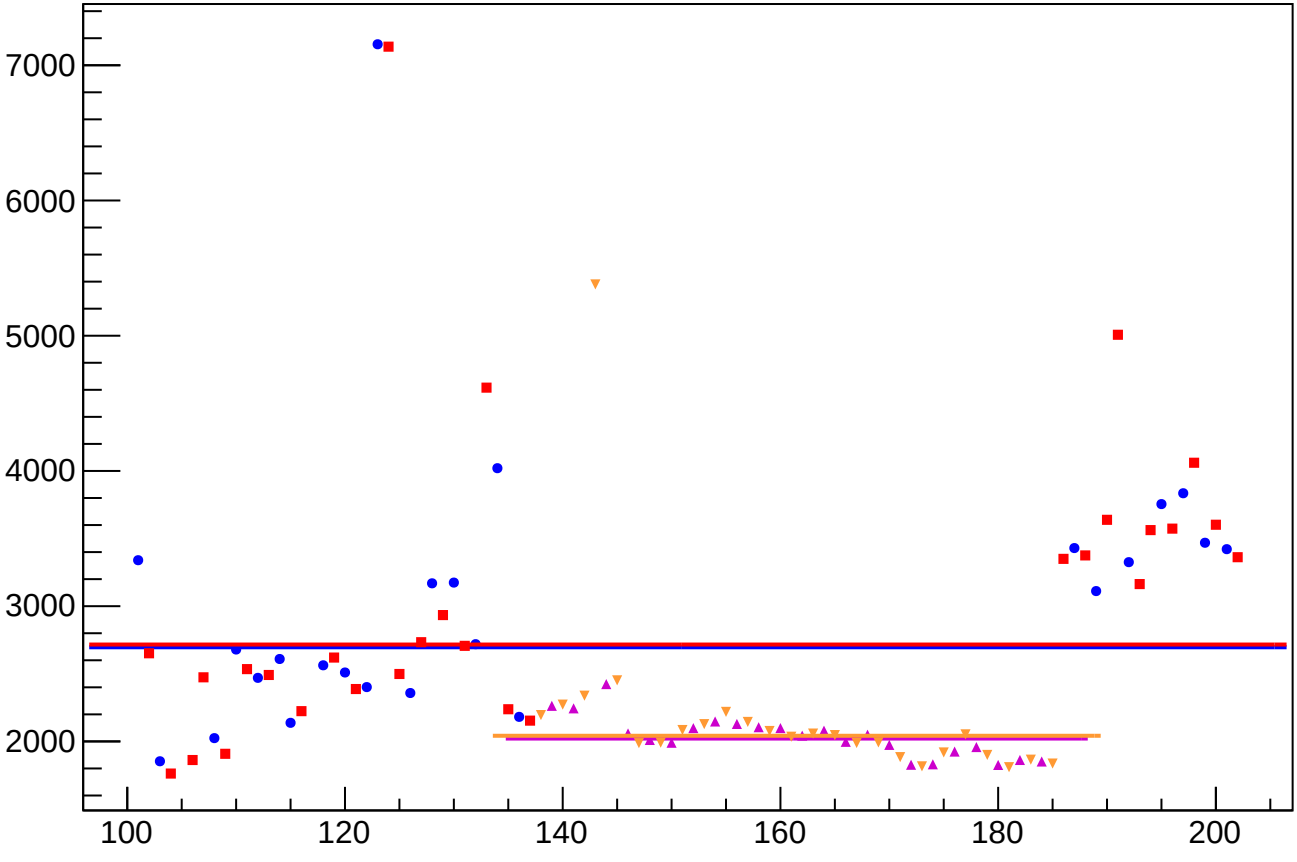
Left In: -366.243+/-483.092 χ^2/NDF:20.5/22

+ sign -321.957+/-417.306 χ^2/NDF: 61.6/48

All: -404.131+/-292.114 χ^2/NDF: 102.7/99

- sign -483.082+/-409.041 χ^2/NDF: 41.0/50

asym_at2_dd_rms vs Slug



Right In: 2696.143+/-0.591 χ^2/NDF: 1102277.5/23

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

Right Out: 2716.402+/-0.544 χ^2/NDF: 1690142.5/27

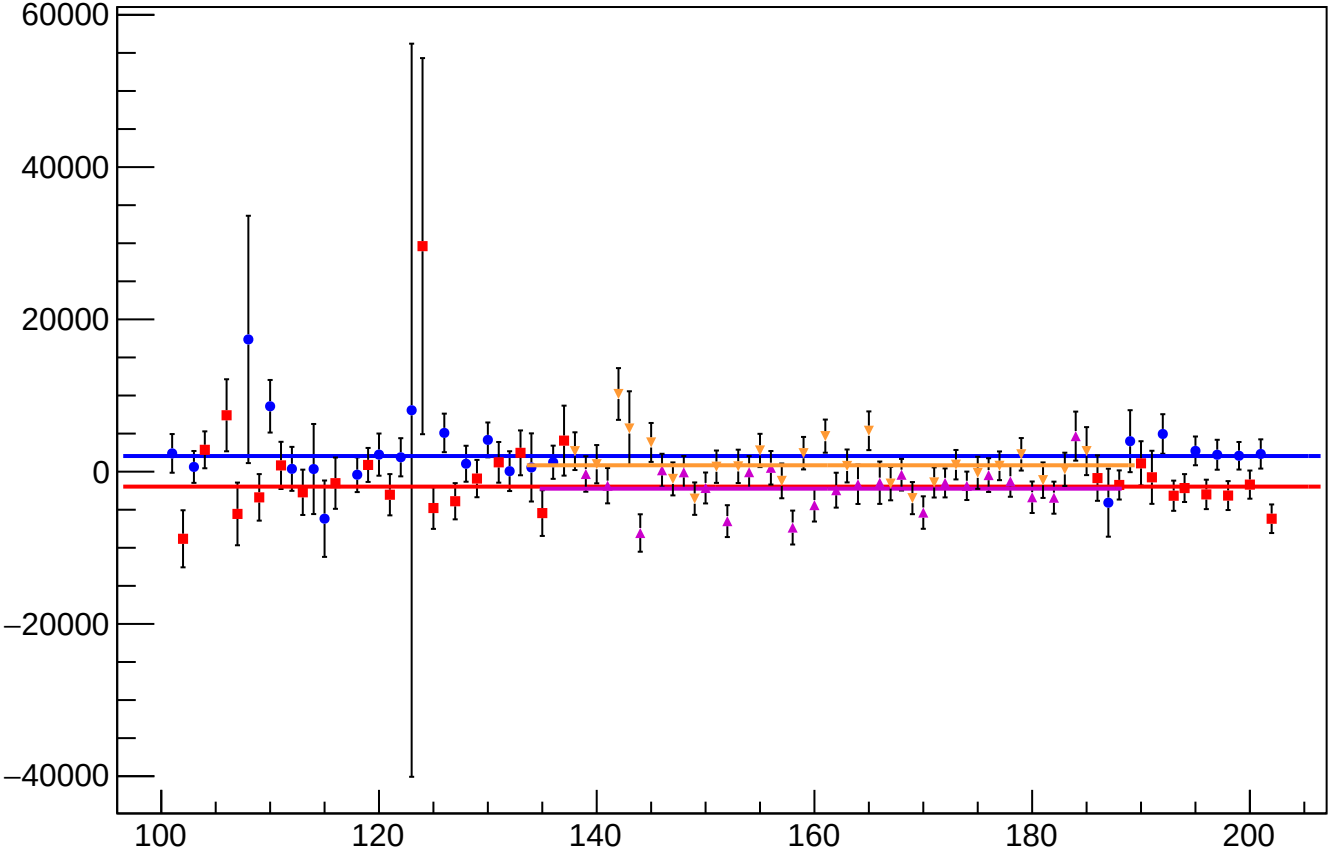
Left In: 2021.065+/-0.342 χ^2/NDF:178726.2/22

+ sign 2204.895+/-0.295 χ^2/NDF: 2729395.5/48

All: 2211.527+/-0.207 χ^2/NDF: 5772163.4/99

- sign 2217.899+/-0.289 χ^2/NDF: 3041777.5/50

dit_asym_atl_avg_mean vs Slug



Right In: 2052.050+/-538.592 χ^2/NDF: 16.1/23

Left Out: 837.426+/-454.502 χ^2/NDF:32.3/24

Right Out: -1964.593+/-485.374 χ^2/NDF: 32.7/27

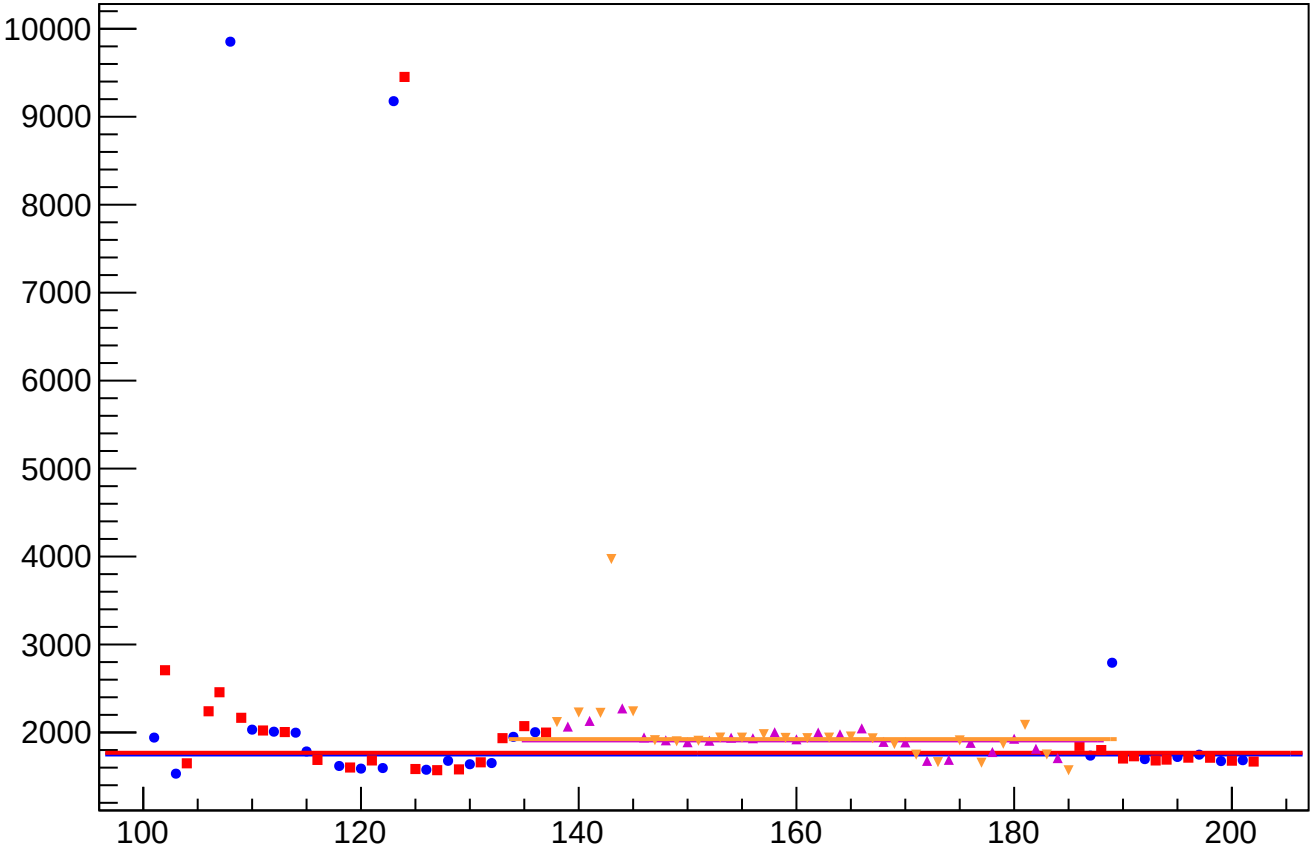
Left In: -2235.652+/-457.720 χ^2/NDF:31.0/22

+ sign 1342.623+/-347.351 χ^2/NDF: 51.4/48

All: -455.455+/-240.382 χ^2/NDF: 166.6/99

- sign -2108.064+/-333.004 χ^2/NDF: 63.8/50

dit_asym_atl_avg_rms vs Slug



Right In: 1749.529+/-0.381 χ^2/NDF: 820910.8/23

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

Right Out: 1768.802+/-0.343 χ^2/NDF: 570179.3/27

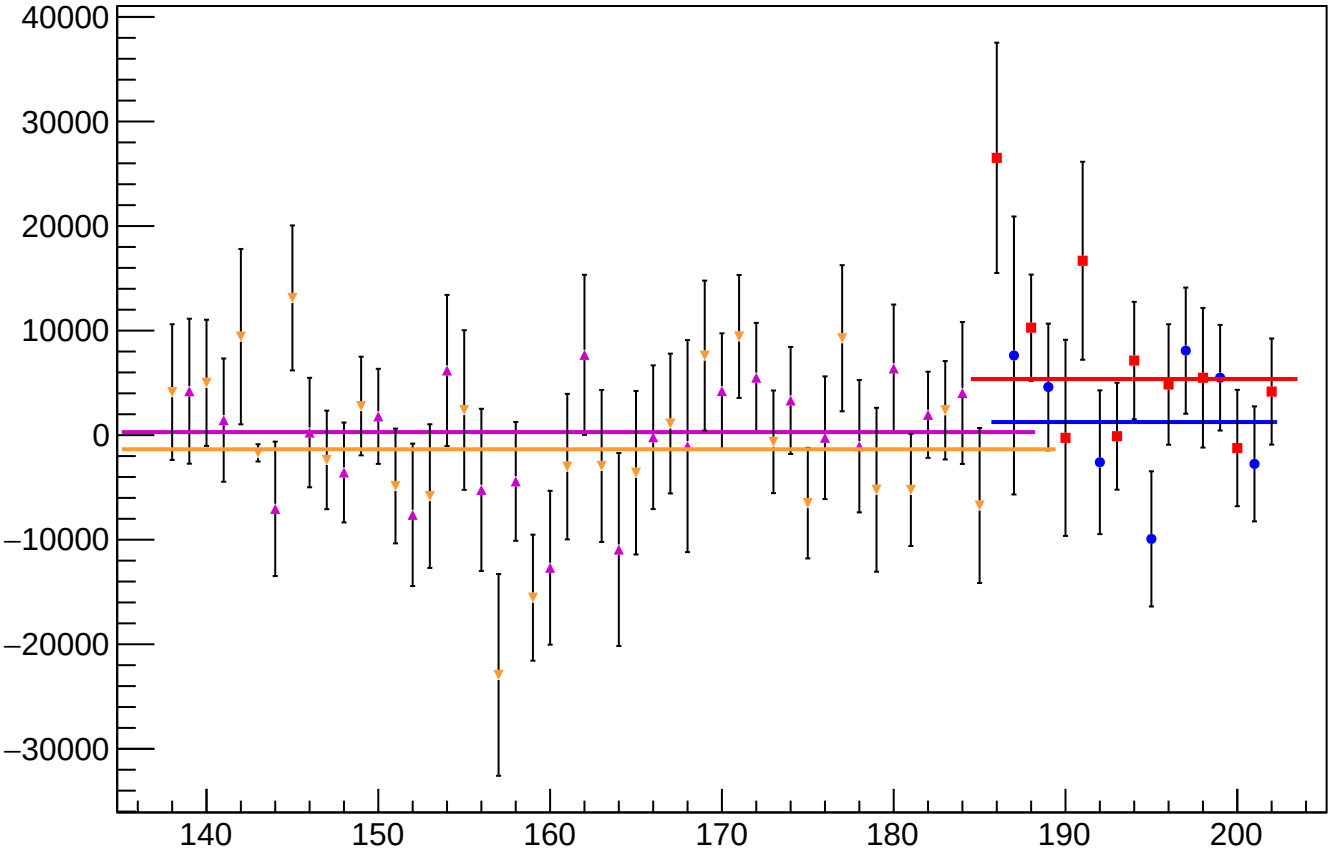
Left In: 1909.656+/-0.324 χ^2/NDF:164475.5/22

+ sign 1851.477+/-0.246 χ^2/NDF: 1527540.1/48

All: 1847.224+/-0.170 χ^2/NDF: 2351972.8/99

- sign 1843.316+/-0.235 χ^2/NDF: 823857.3/50

asym_atl_avg_correction_mean vs Slug



Right In: 1254.872+/-2372.589 χ^2/NDF: 6.4/6

Left Out: -1349.584+/-690.658 χ^2/NDF:30.9/24

Right Out: 5373.460+/-1949.405 χ^2/NDF: 9.1/9

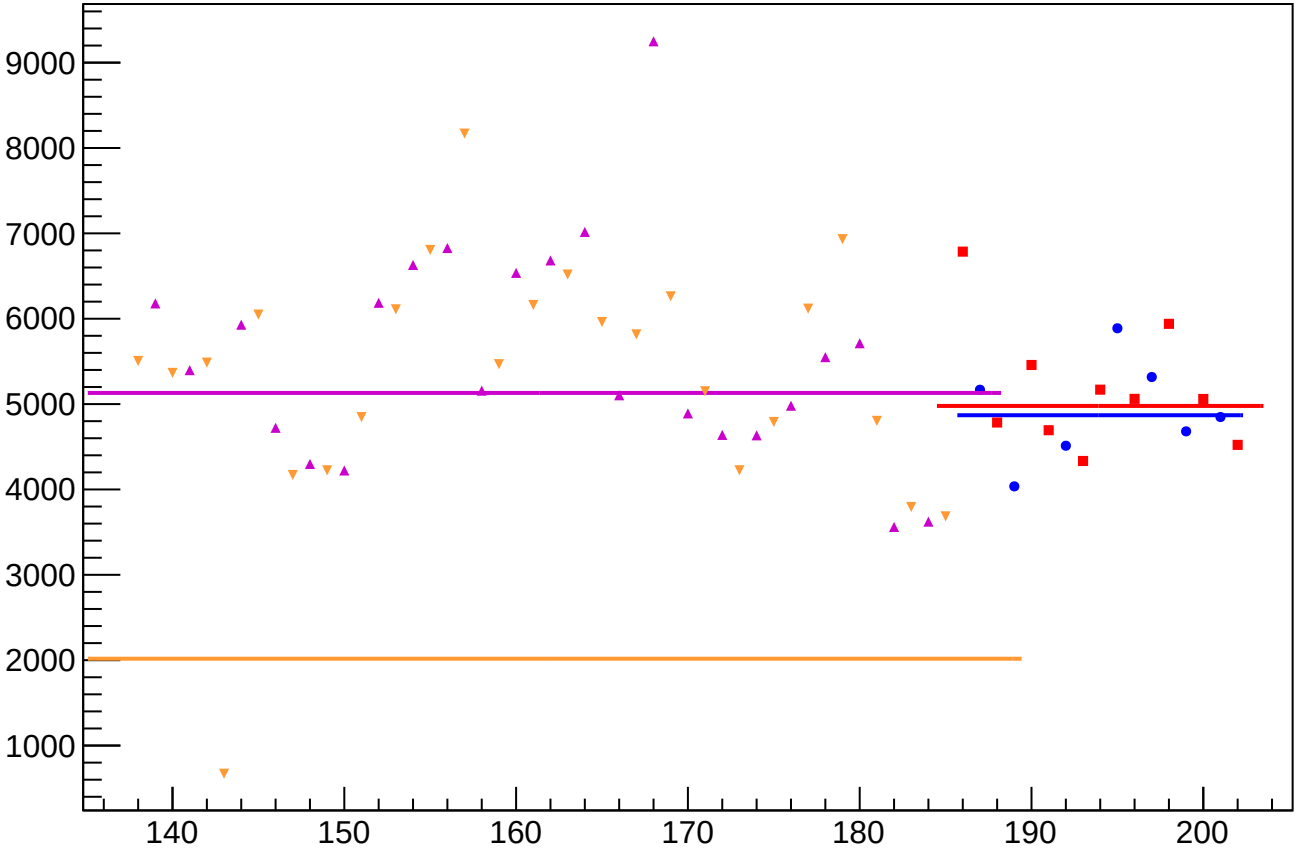
Left In: 294.047+/-1252.274 χ^2/NDF:14.5/22

+ sign -1146.127+/-663.133 χ^2/NDF: 38.4/31

All: -316.496+/-561.225 χ^2/NDF: 72.3/64

- sign 1777.828+/-1053.611 χ^2/NDF: 28.5/32

asym_atl_avg_correction_rms vs Slug



Right In: 4869.552+/-1.678 χ^2/NDF: 107705.1/6

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

Right Out: 4978.422+/-1.378 χ^2/NDF: 156380.7/9

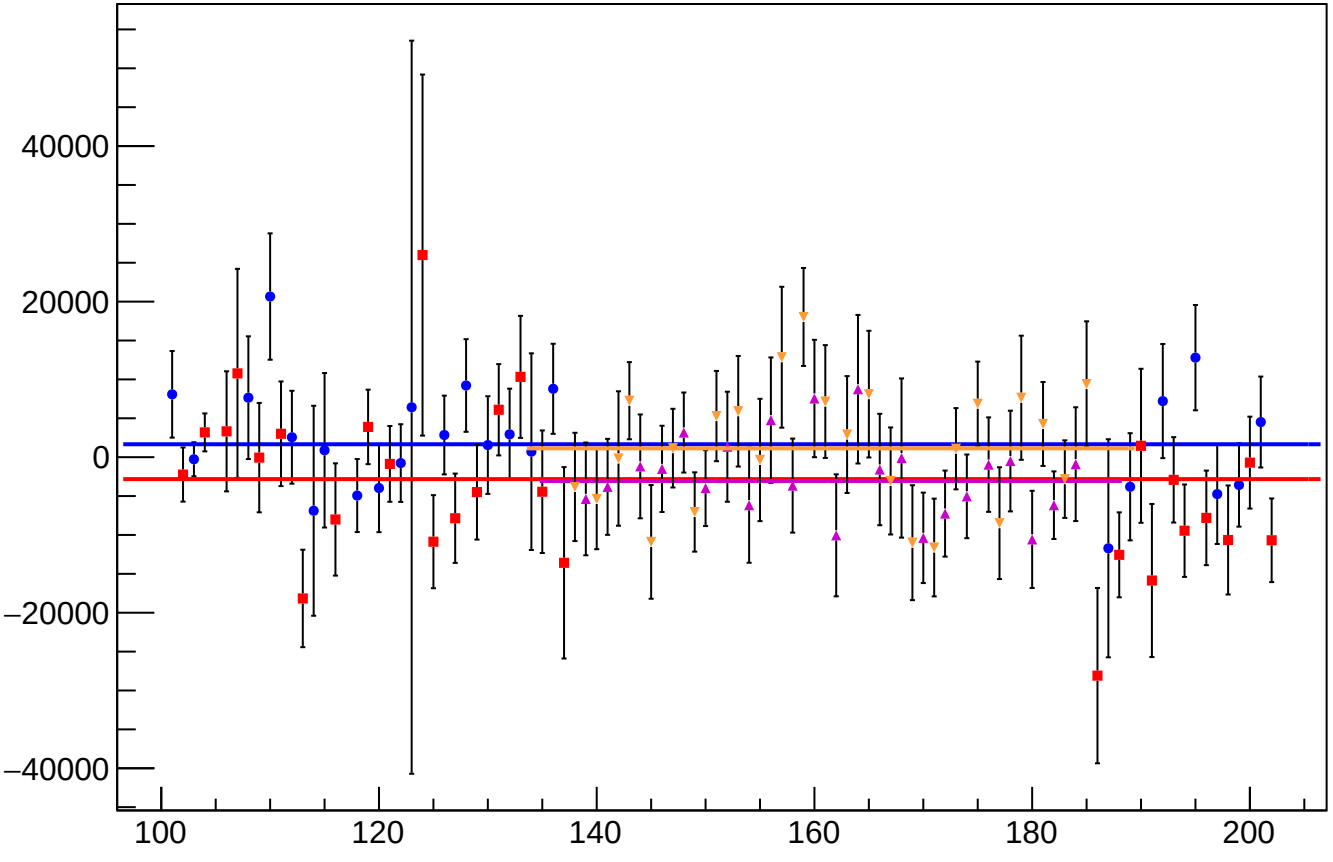
Left In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

+ sign 2240.064+/-0.469 χ^2/NDF: 21932173.1/31

All: 3047.631+/-0.397 χ^2/NDF: 34040752.1/6

- sign 5086.257+/-0.745 χ^2/NDF: 1654839.2/32

asym_atl_avg_mean vs Slug



Right In: 1659.974+/-1158.234 χ^2/NDF: 22.0/23

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

Right Out: -2821.261+/-1094.645 χ^2/NDF: 43.0/27

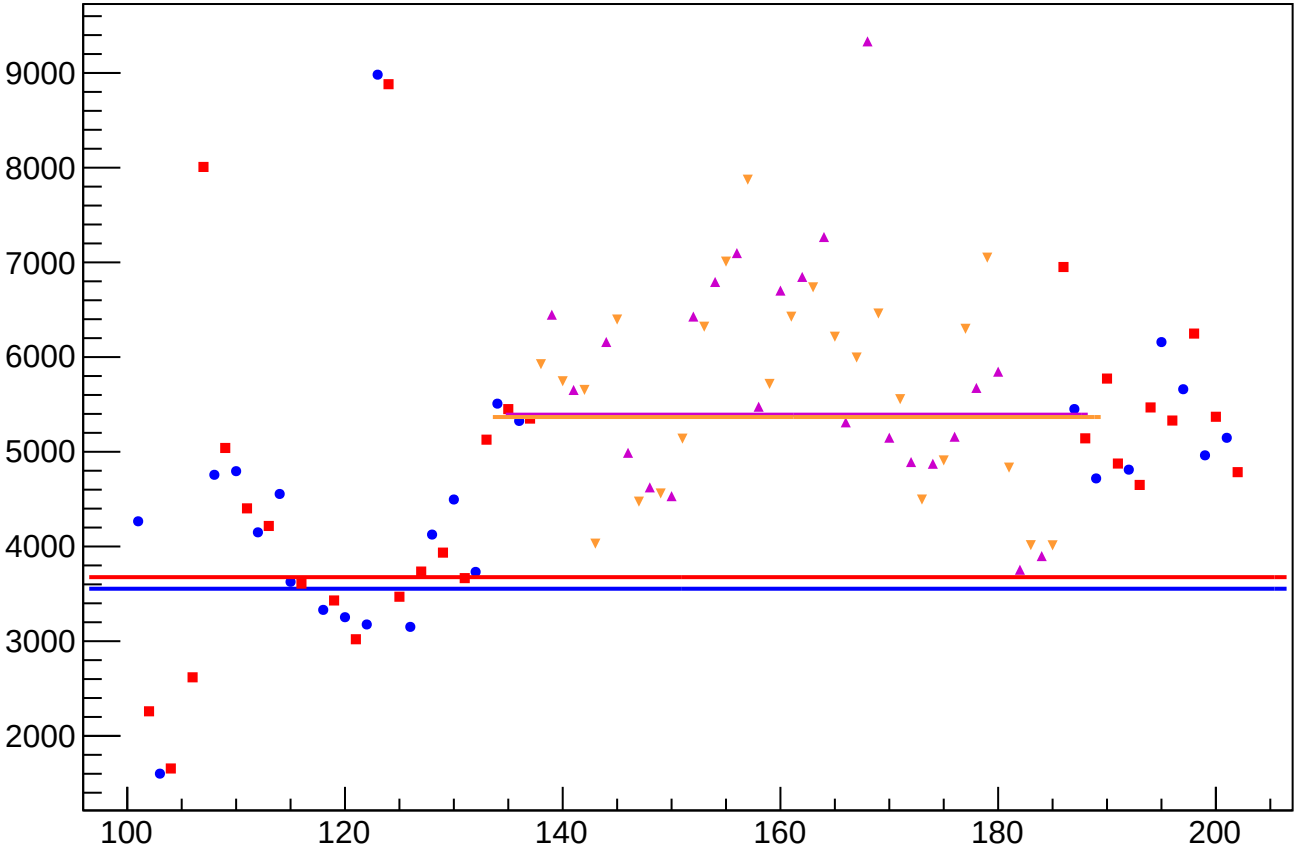
Left In: -3061.439+/-1313.197 χ^2/NDF:12.3/22

+ sign 1422.557+/-858.889 χ^2/NDF: 54.6/48

All: -794.715+/-600.840 χ^2/NDF: 123.0/99

- sign -2919.728+/-840.831 χ^2/NDF: 55.3/50

asym_atl_avg_rms vs Slug



Right In: 3553.903+/-0.819 χ^2/NDF: 3061029.1/23

Left Out: 5366.944+/-0.905 χ^2/NDF:1213541.3/24

Right Out: 3676.242+/-0.766 χ^2/NDF: 3800192.6/27

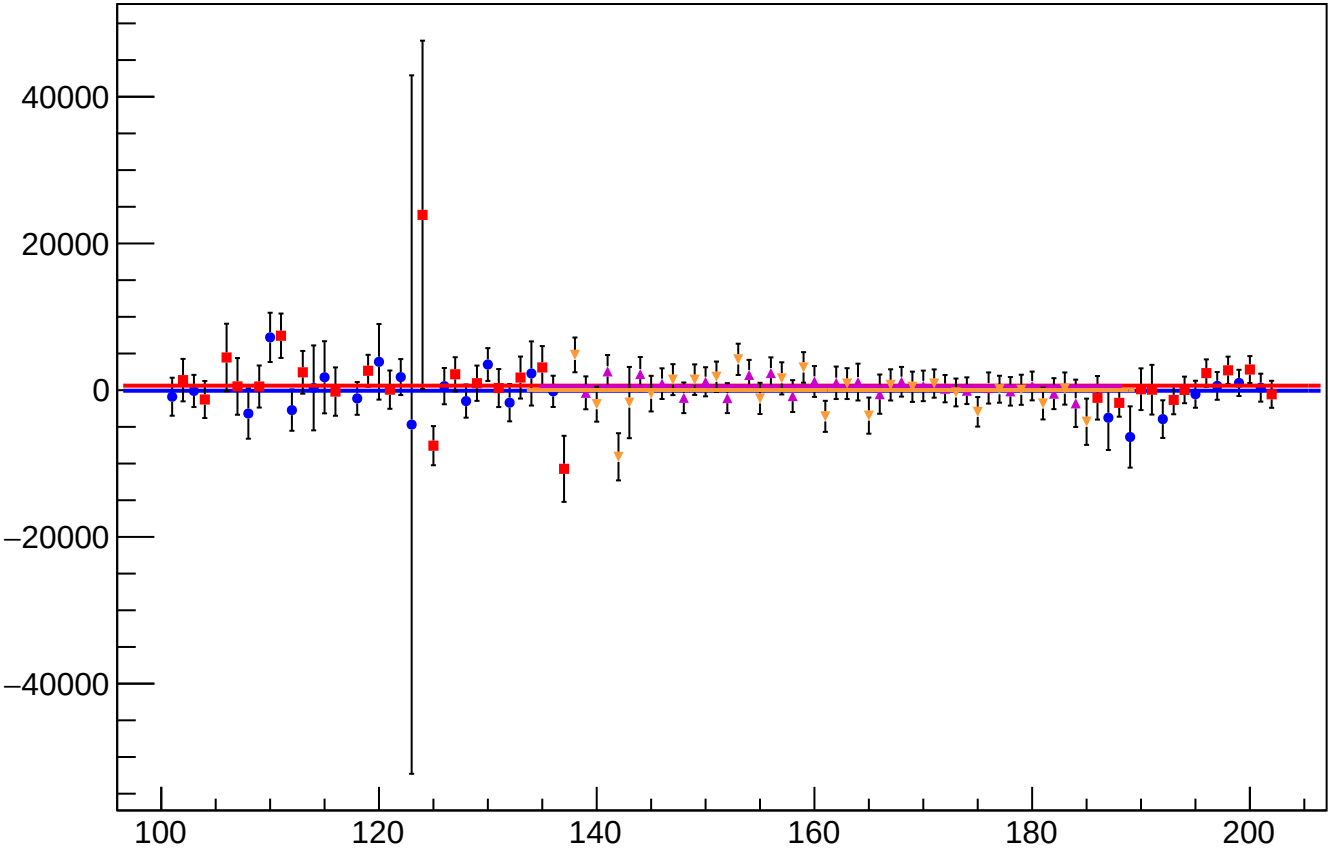
Left In: 5391.987+/-0.929 χ^2/NDF:1320415.5/22

+ sign 4369.953+/-0.607 χ^2/NDF: 6480368.2/48

All: 4370.424+/-0.423 χ^2/NDF: 13632861.9/9

- sign 4370.869+/-0.591 χ^2/NDF: 7152492.6/50

dit_asym_atl_dd_mean vs Slug



Right In: -72.692+/-531.341 χ^2/NDF: 17.6/23

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

Right Out: 618.656+/-473.445 χ^2/NDF: 32.7/27

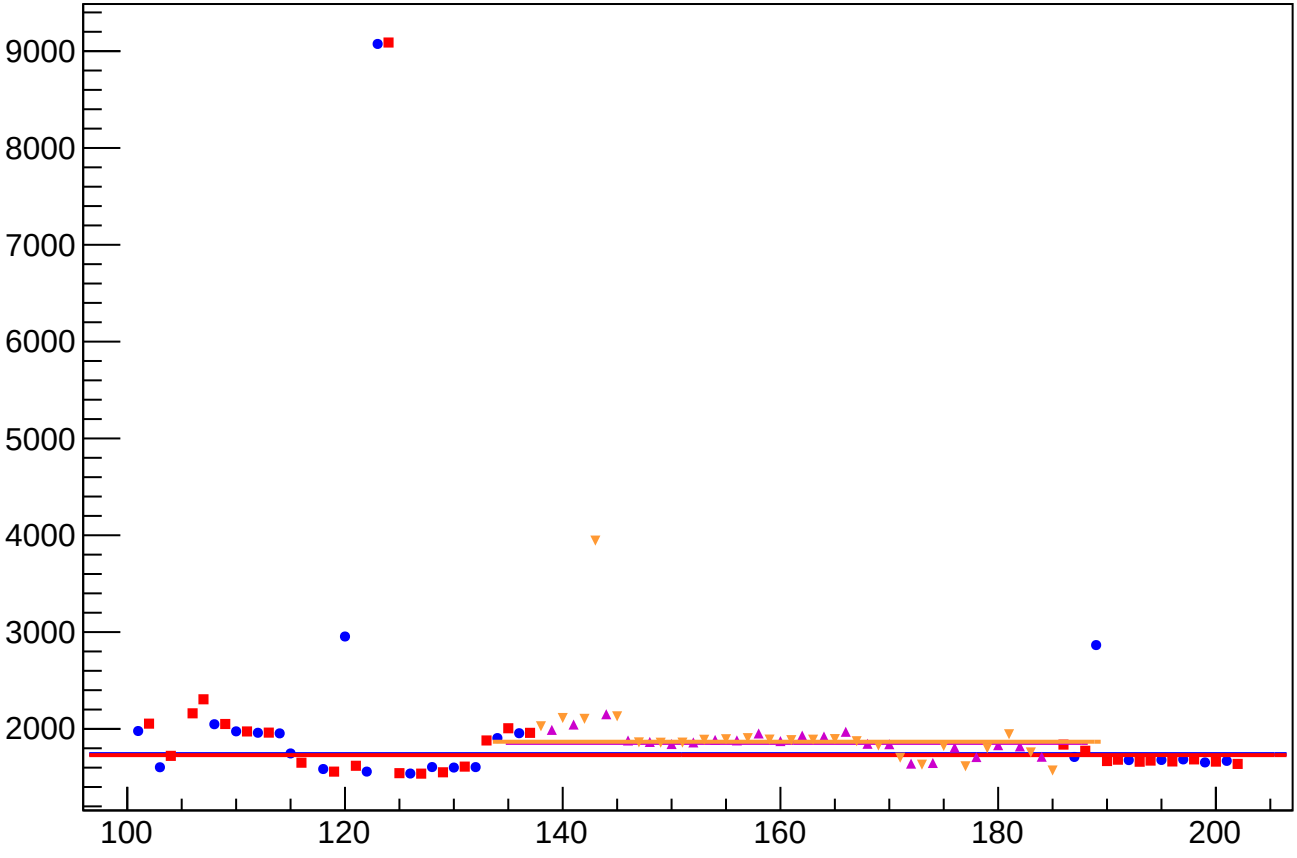
Left In: 514.693+/-444.402 χ^2/NDF:5.9/22

+ sign -15.780+/-339.219 χ^2/NDF: 49.3/48

All: 287.069+/-234.306 χ^2/NDF: 89.5/99

- sign 563.388+/-324.021 χ^2/NDF: 38.7/50

dit_asym_atl_dd_rms vs Slug



Right In: 1739.788+/-0.376 χ^2/NDF: 459174.2/23

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

Right Out: 1729.265+/-0.335 χ^2/NDF: 437892.3/27

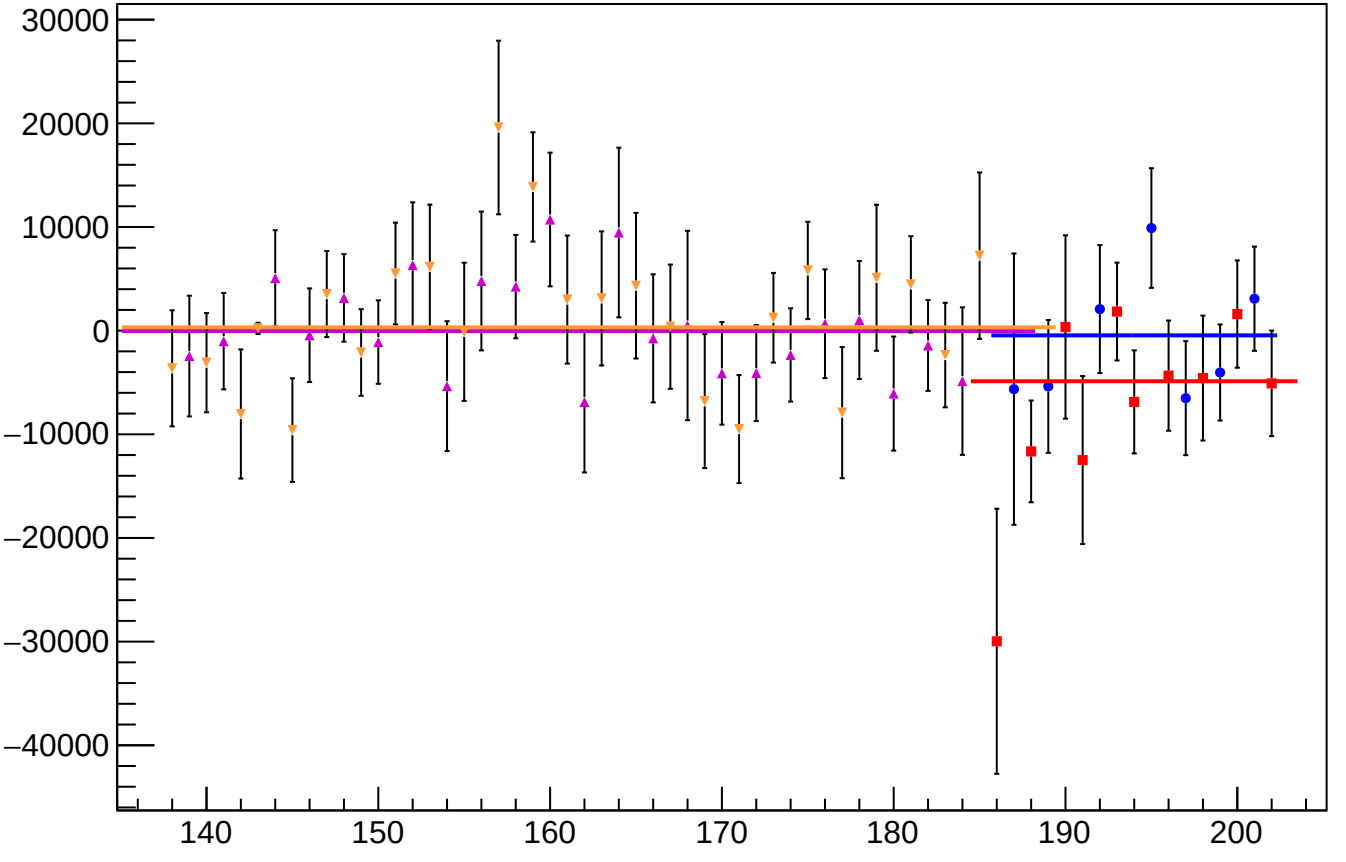
Left In: 1855.480+/-0.314 χ^2/NDF:136219.4/22

+ sign 1815.470+/-0.240 χ^2/NDF: 1073009.8/48

All: 1805.450+/-0.166 χ^2/NDF: 1726081.1/99

- sign 1796.314+/-0.229 χ^2/NDF: 649735.2/50

asym_atl_dd_correction_mean vs Slug



Right In: -455.480+/-2205.877 χ^2/NDF: 6.4/6

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

Right Out: -4881.757+/-1826.270 χ^2/NDF: 10.8/9

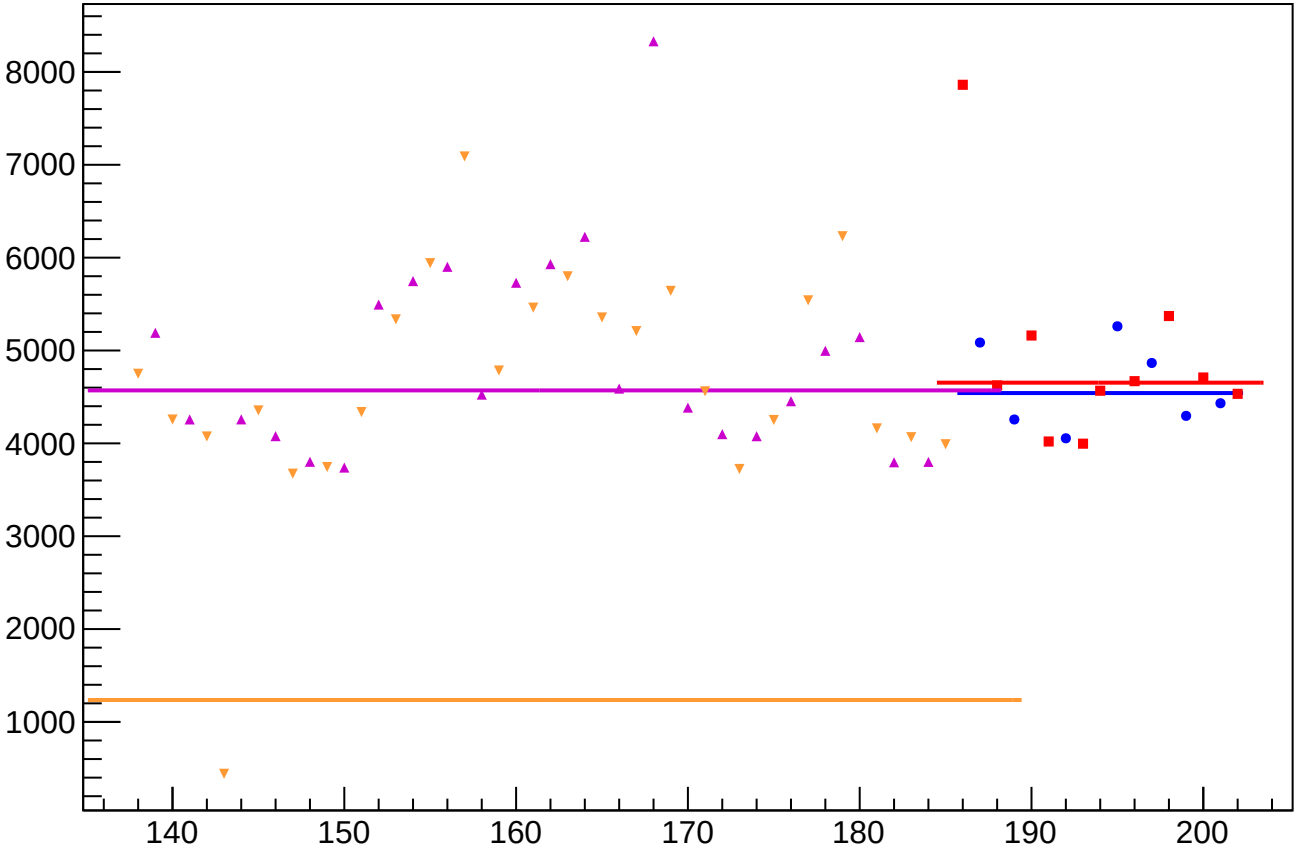
Left In: -40.142+/-1109.747 χ^2/NDF:13.9/22

+ sign 288.679+/-476.702 χ^2/NDF: 39.1/31

All: -40.986+/-425.923 χ^2/NDF: 71.2/64

- sign -1345.789+/-948.381 χ^2/NDF: 29.7/32

asym_atl_dd_correction_rms vs Slug



Right In: 4541.735+/-1.560 χ^2/NDF: 64361.2/6

Left Out: 1236.170+/-0.345 χ^2/NDF:23395886.7/24

Right Out: 4653.613+/-1.291 χ^2/NDF: 213969.6/9

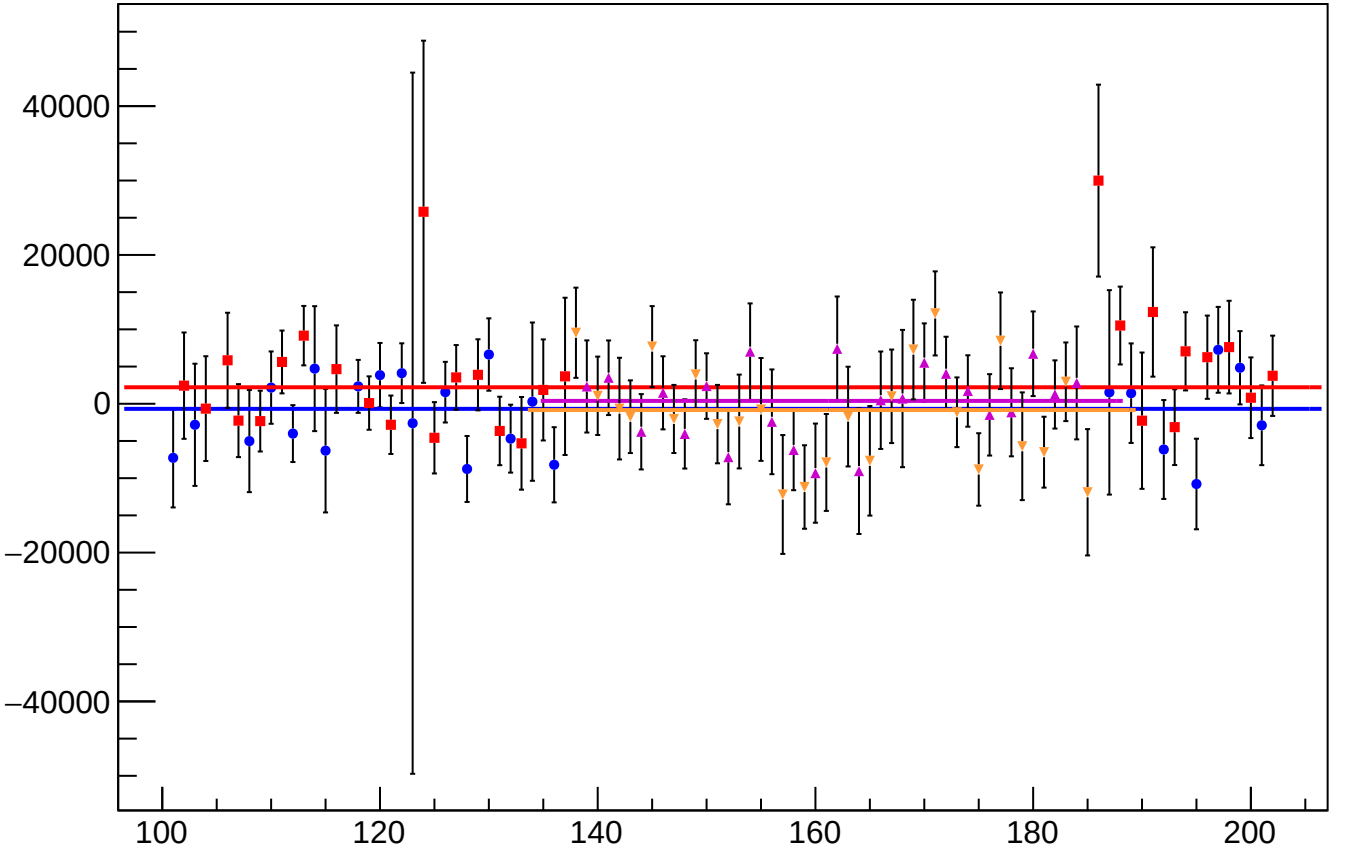
Left In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

+ sign 1390.545+/-0.337 χ^2/NDF: 27741667.3/31

All: 2036.433+/-0.301 χ^2/NDF: 47307388.1/6

- sign 4592.839+/-0.671 χ^2/NDF: 1362213.8/32

asym_atl_dd_mean vs Slug



Right In: -683.994+/-1100.388 χ^2/NDF: 22.4/23

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

Right Out: 2216.835+/-1015.073 χ^2/NDF: 26.9/27

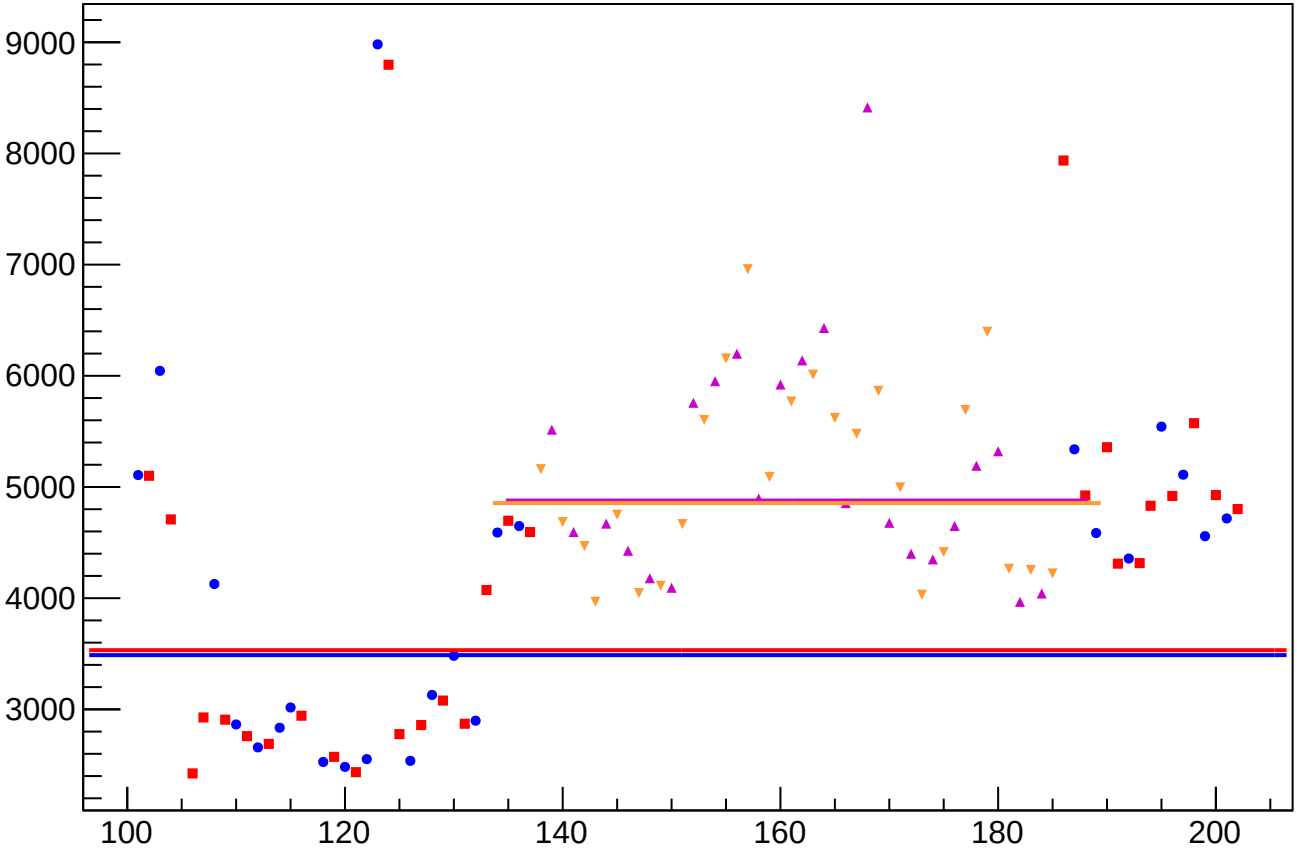
Left In: 385.098+/-1181.458 χ^2/NDF:13.9/22

+ sign -760.966+/-795.935 χ^2/NDF: 52.5/48

All: 375.507+/-553.388 χ^2/NDF: 98.6/99

- sign 1438.927+/-769.929 χ^2/NDF: 42.2/50

asym_atl_dd_rms vs Slug



Right In: 3487.766+/-0.778 χ^2/NDF: 1857916.6/23

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

Right Out: 3532.008+/-0.711 χ^2/NDF: 2386259.1/27

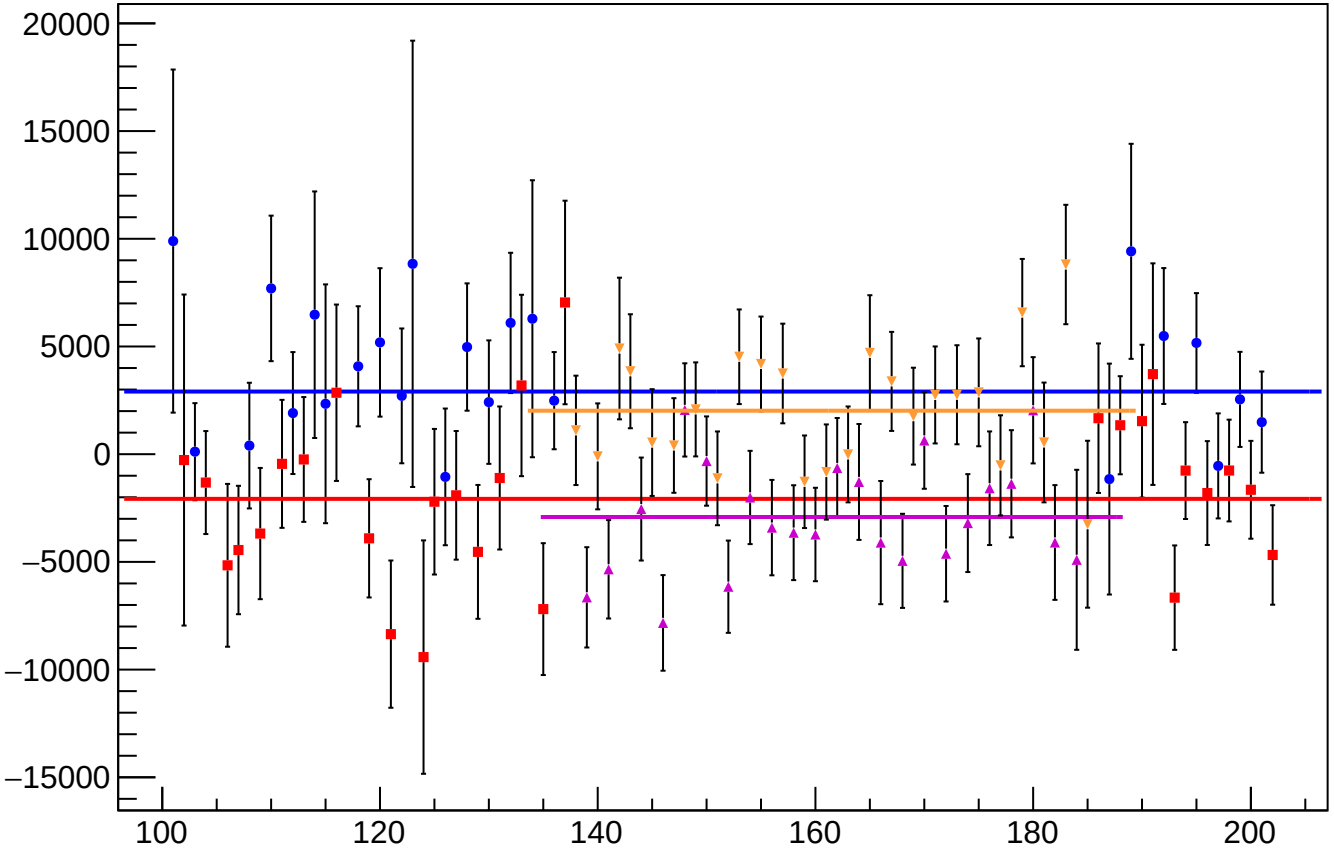
Left In: 4878.261+/-0.835 χ^2/NDF:965222.2/22

+ sign 4139.635+/-0.563 χ^2/NDF: 4225524.8/48

All: 4117.881+/-0.390 χ^2/NDF: 9085467.6/99

- sign 4097.739+/-0.542 χ^2/NDF: 4857065.6/50

dit_asym_atr_avg_mean vs Slug



Right In: 2907.882+/-632.721 χ^2/NDF: 16.2/23

Left Out: 2019.326+/-481.340 χ^2/NDF:27.1/24

Right Out: -2073.763+/-565.890 χ^2/NDF: 29.6/27

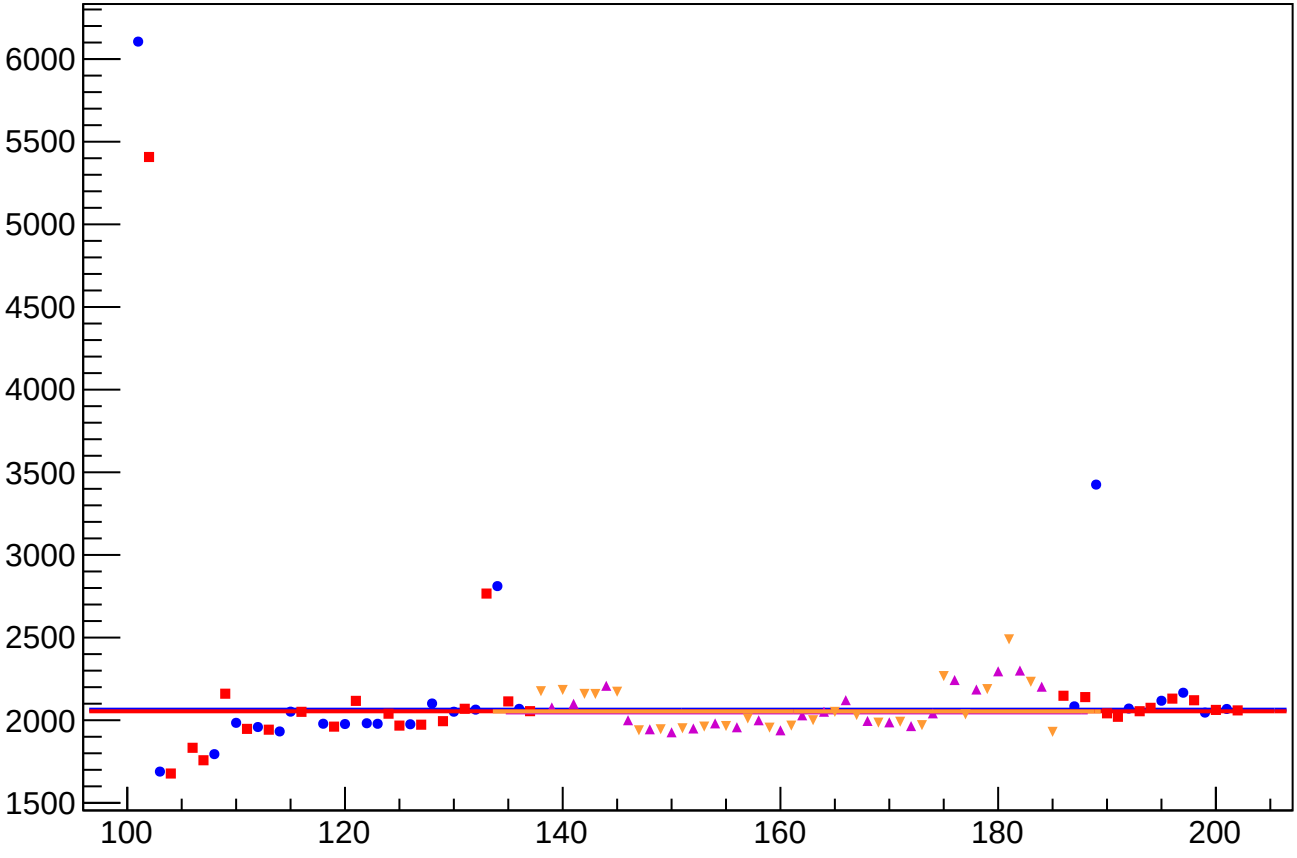
Left In: -2916.079+/-489.445 χ^2/NDF:28.8/22

+ sign 2345.054+/-383.087 χ^2/NDF: 44.6/48

All: -189.163+/-266.206 χ^2/NDF: 188.9/99

- sign -2555.617+/-370.190 χ^2/NDF: 59.7/50

dit_asym_atr_avg_rms vs Slug



Right In: 2063.879+/-0.447 χ^2/NDF: 779533.0/23

Left Out: 2053.296+/-0.340 χ^2/NDF:136888.1/24

Right Out: 2053.996+/-0.400 χ^2/NDF: 538166.5/27

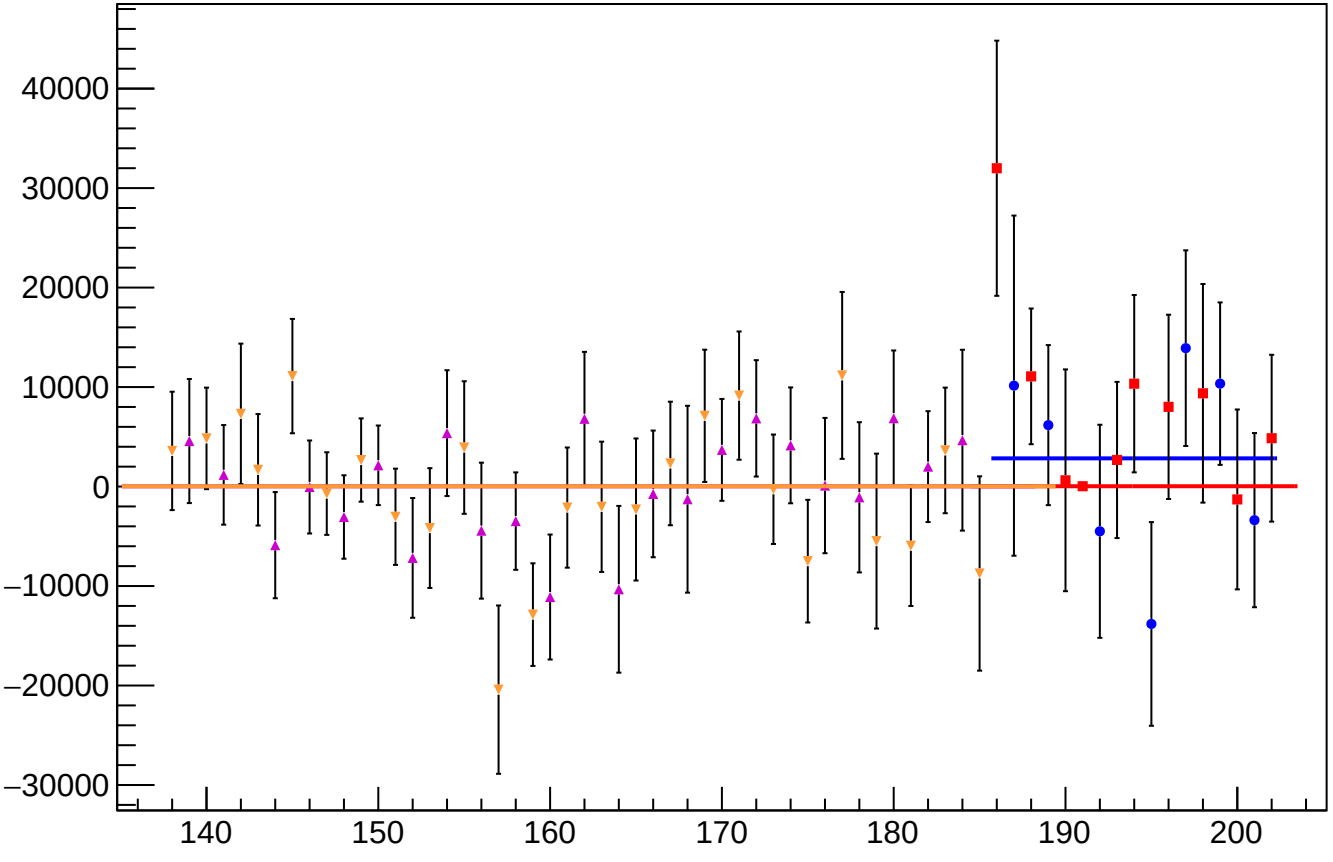
Left In: 2047.277+/-0.346 χ^2/NDF:103001.2/22

+ sign 2057.175+/-0.271 χ^2/NDF: 916775.6/48

All: 2053.544+/-0.188 χ^2/NDF: 1558452.1/99

- sign 2050.153+/-0.262 χ^2/NDF: 641329.0/50

asym_atr_avg_correction_mean vs Slug



Right In: 2834.002+/-3638.788 χ^2/NDF: 6.1/6

Left Out: 25.977+/-1194.625 χ^2/NDF:29.2/24

Right Out: 31.784+/-15.145 χ^2/NDF: 12.1/9

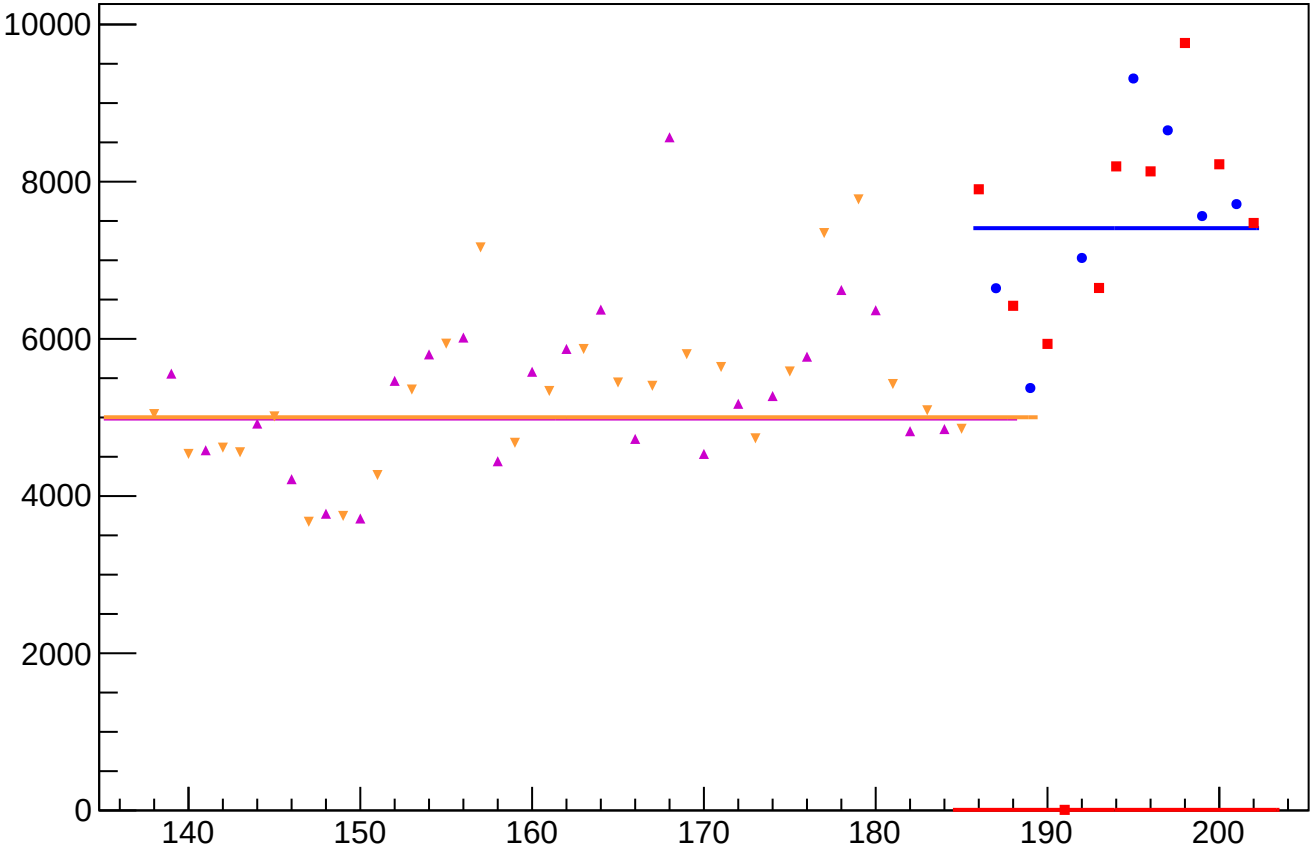
Left In: 23.765+/-1211.652 χ^2/NDF:15.2/22

+ sign 299.186+/-1135.022 χ^2/NDF: 35.9/31

All: 31.830+/-15.142 χ^2/NDF: 63.2/64

- sign 31.782+/-15.144 χ^2/NDF: 27.3/32

asym_atr_avg_correction_rms vs Slug



Right In: 7408.556+/-2.573 χ^2/NDF: 238741.1/6

Left Out: 5002.559+/-0.845 χ^2/NDF:1145597.1/24

Right Out: 7.696+/-0.011 χ^2/NDF: 12563097.9/9

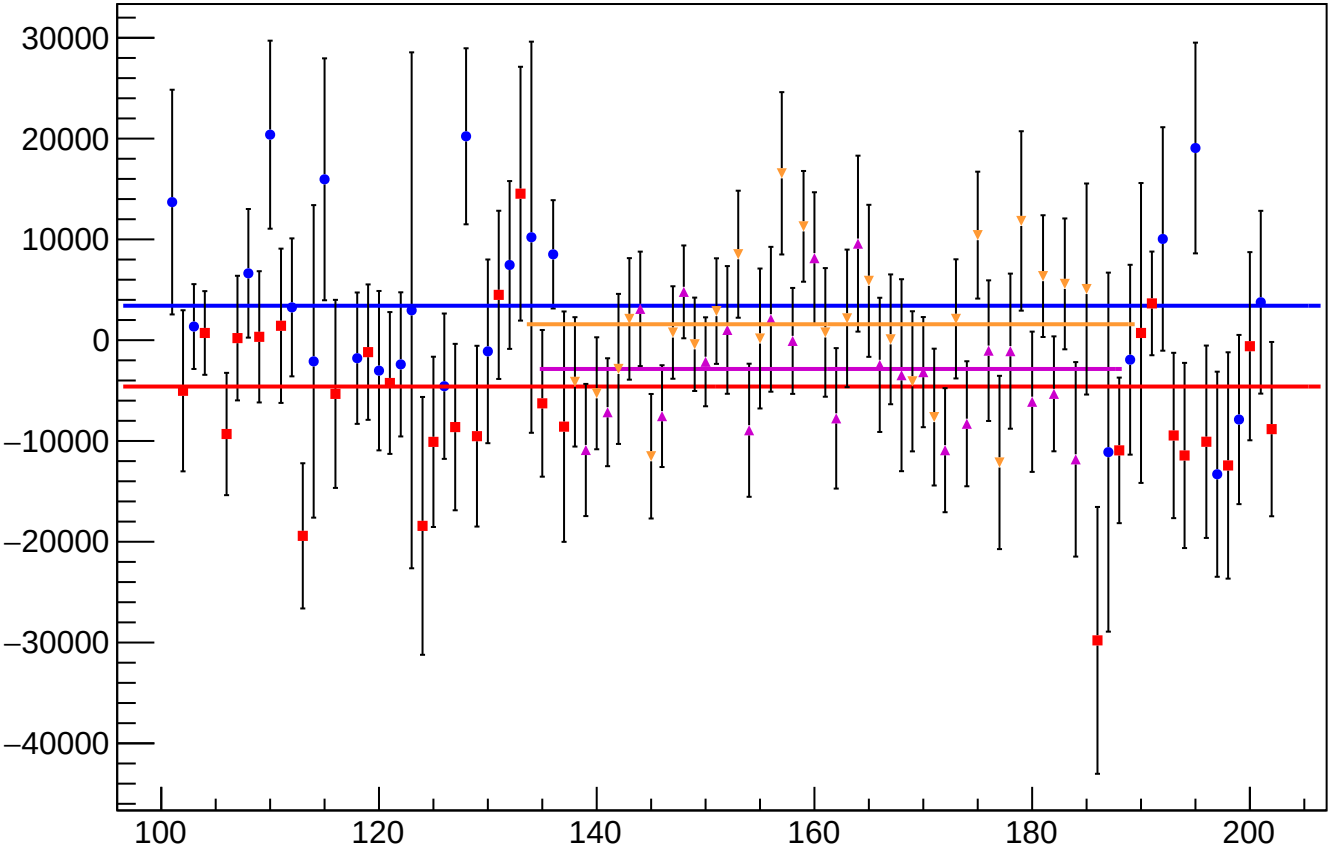
Left In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

+ sign 5236.653+/-0.803 χ^2/NDF: 2173656.5/31

All: 9.404+/-0.011 χ^2/NDF: 92121316.5/64

- sign 8.474+/-0.011 χ^2/NDF: 47520407.3/32

asym_atr_avg_mean vs Slug



Right In: 3416.865+/-1672.584 χ^2/NDF: 22.4/23

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

Right Out: -4599.623+/-1454.161 χ^2/NDF: 23.6/27

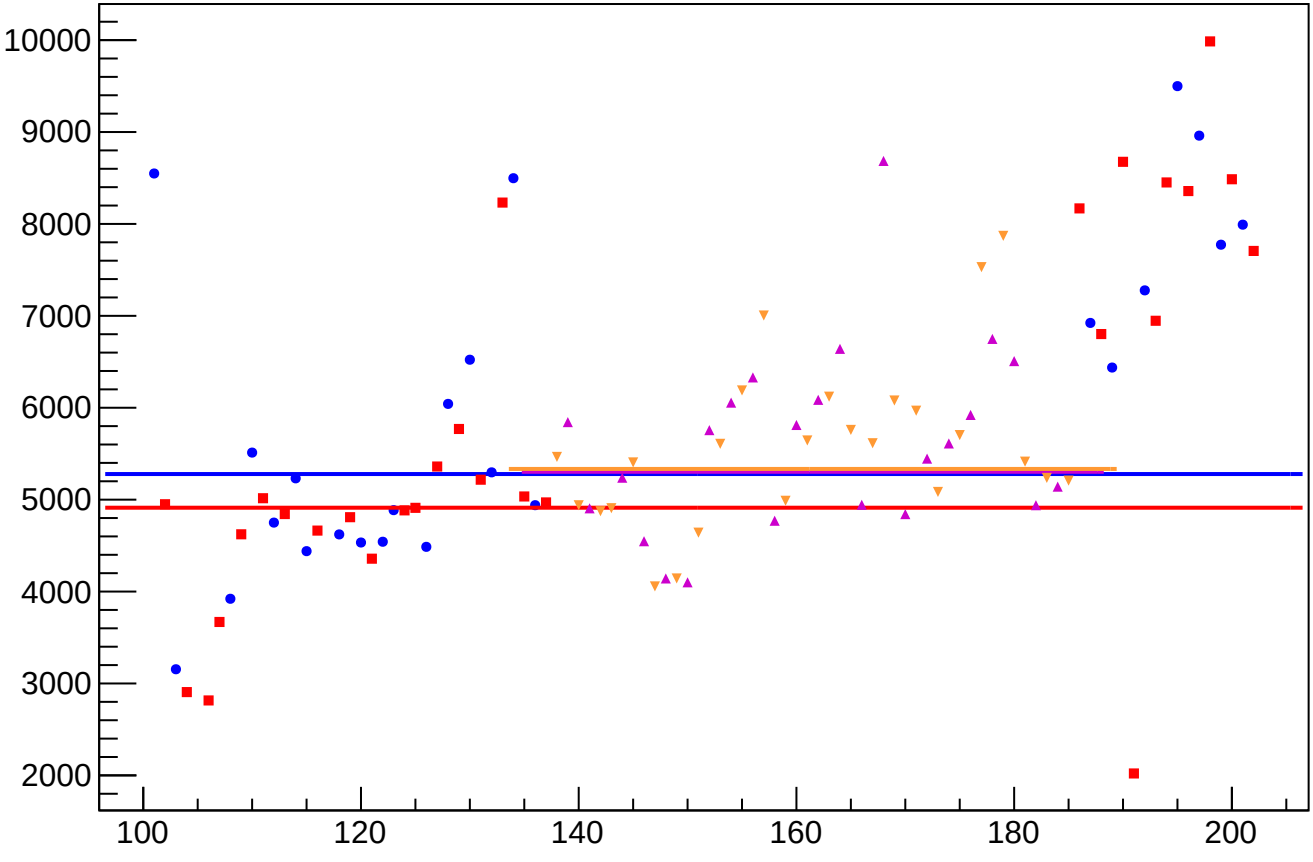
Left In: -2856.480+/-1284.131 χ^2/NDF:18.1/22

+ sign 2249.450+/-1009.490 χ^2/NDF: 48.3/48

All: -825.039+/-696.628 χ^2/NDF: 108.5/99

- sign -3620.229+/-962.546 χ^2/NDF: 42.5/50

asym_atr_avg_rms vs Slug



Right In: 5278.694+/-1.183 χ^2/NDF: 2050273.2/23

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

Right Out: 4912.346+/-1.024 χ^2/NDF: 3615441.1/27

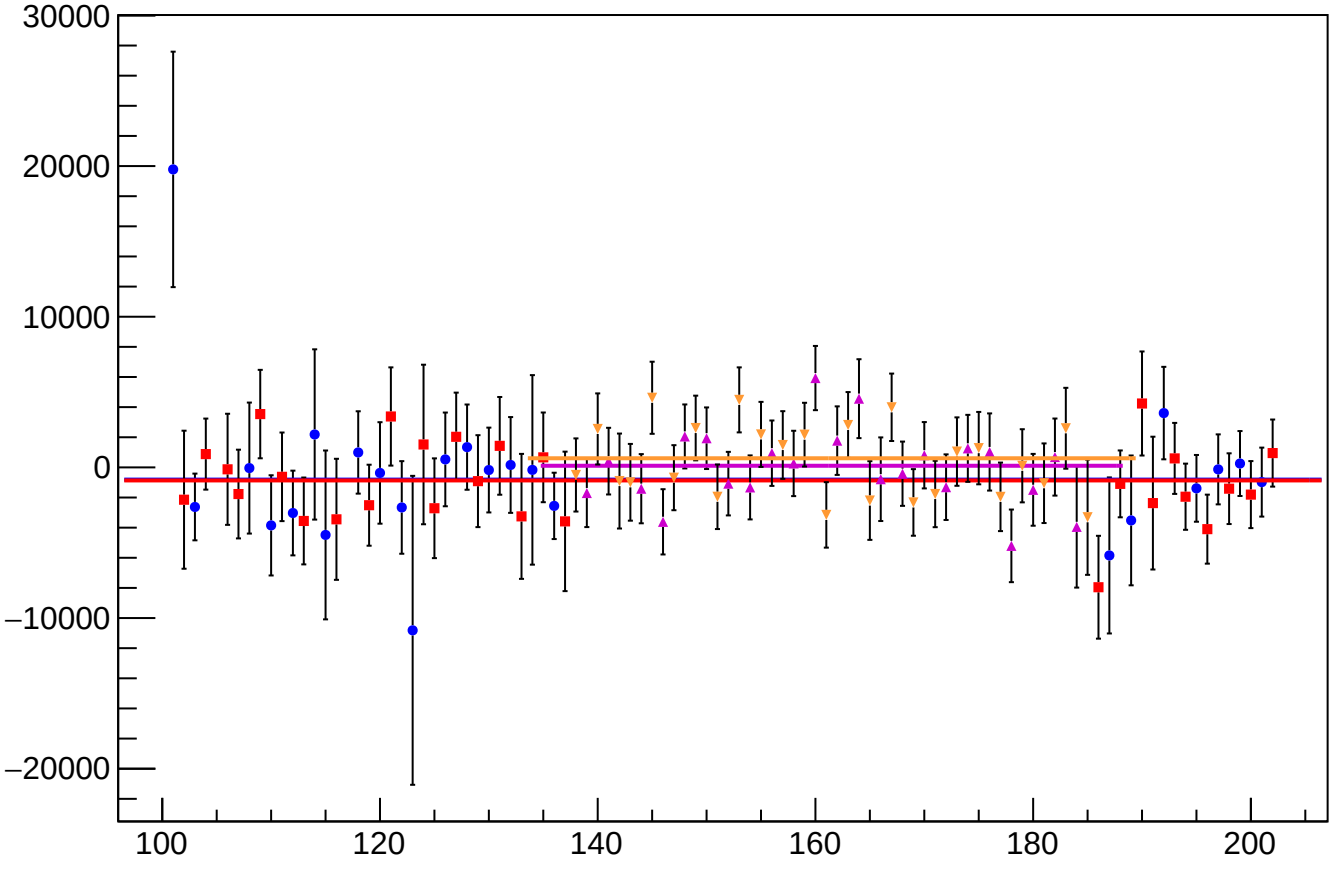
Left In: 5303.321+/-0.908 χ^2/NDF:960356.0/22

+ sign 5313.994+/-0.714 χ^2/NDF: 2917088.8/48

All: 5218.095+/-0.492 χ^2/NDF: 7608893.0/99

- sign 5131.223+/-0.679 χ^2/NDF: 4657405.3/50

dit_asym_atr_dd_mean vs Slug



Right In: -810.683+/-623.984 χ^2/NDF: 16.9/23

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

Right Out: -865.714+/-549.325 χ^2/NDF: 19.5/27

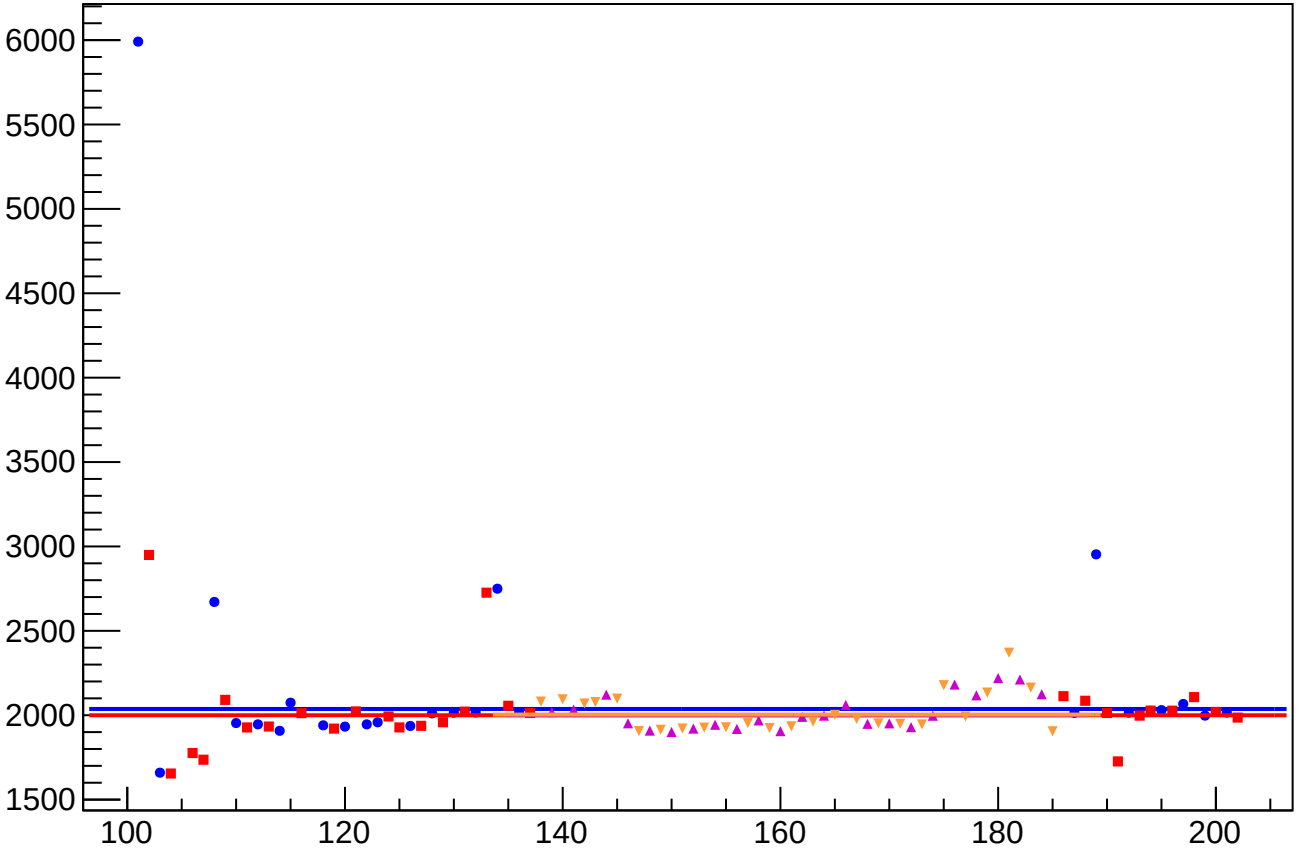
Left In: 108.365+/-477.899 χ^2/NDF:25.0/22

+ sign 93.900+/-375.111 χ^2/NDF: 45.5/48

All: -116.700+/-259.943 χ^2/NDF: 92.3/99

- sign -311.269+/-360.552 χ^2/NDF: 46.2/50

dit_asym_atr_dd_rms vs Slug



Right In: 2037.134+/-0.441 χ^2/NDF: 743611.2/23

Left Out: 2003.987+/-0.332 χ^2/NDF:99981.7/24

Right Out: 1999.767+/-0.388 χ^2/NDF: 240964.1/27

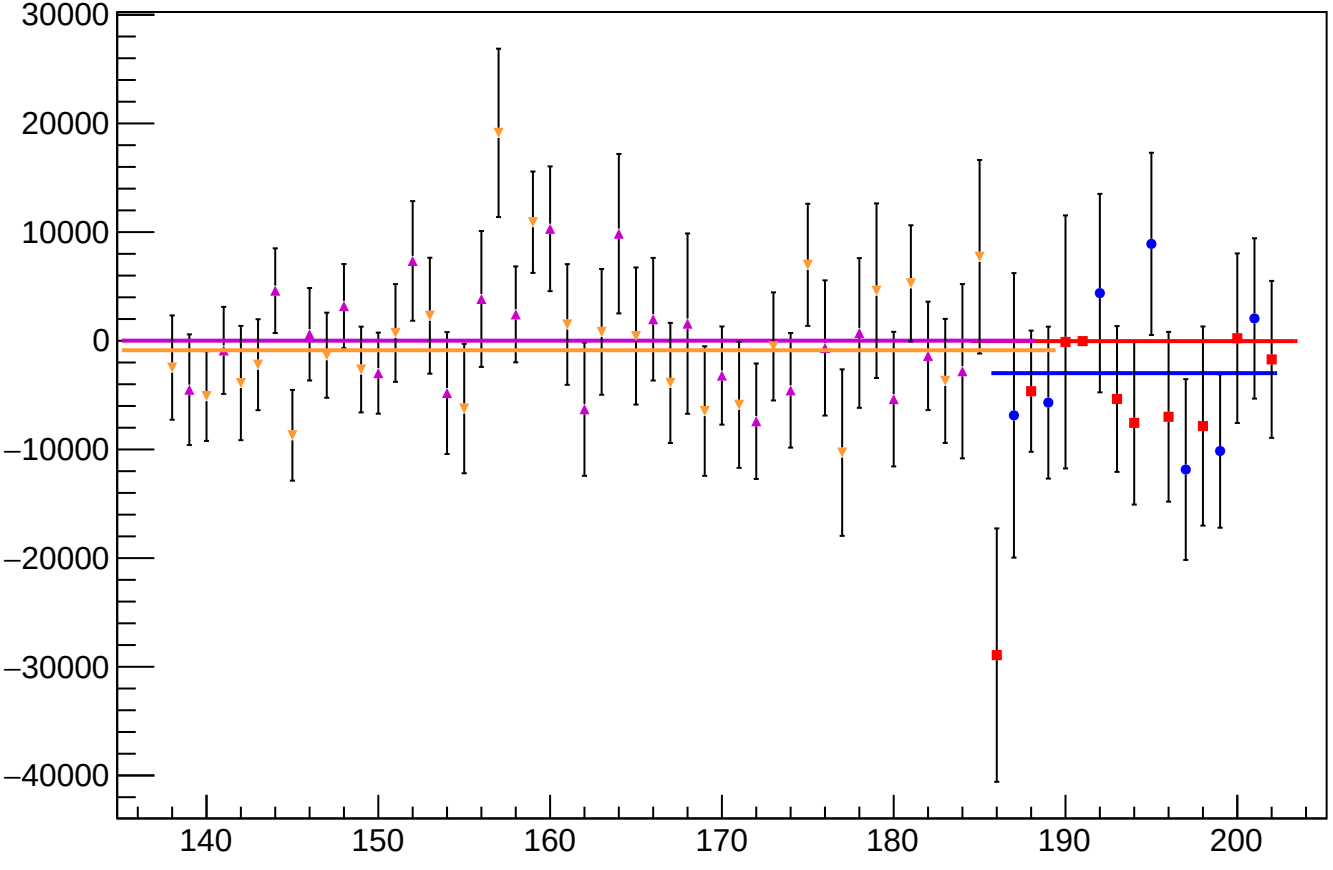
Left In: 2000.119+/-0.338 χ^2/NDF:79688.8/22

+ sign 2015.966+/-0.265 χ^2/NDF: 847197.1/48

All: 2007.648+/-0.184 χ^2/NDF: 1169742.0/99

- sign 1999.967+/-0.255 χ^2/NDF: 320653.4/50

asym_atr_dd_correction_mean vs Slug



Right In: -2979.512+/-3080.271 χ^2/NDF: 5.5/6

Left Out: -871.296+/-1043.390 χ^2/NDF:28.3/24

Right Out: -31.226+/-14.261 χ^2/NDF: 10.0/9

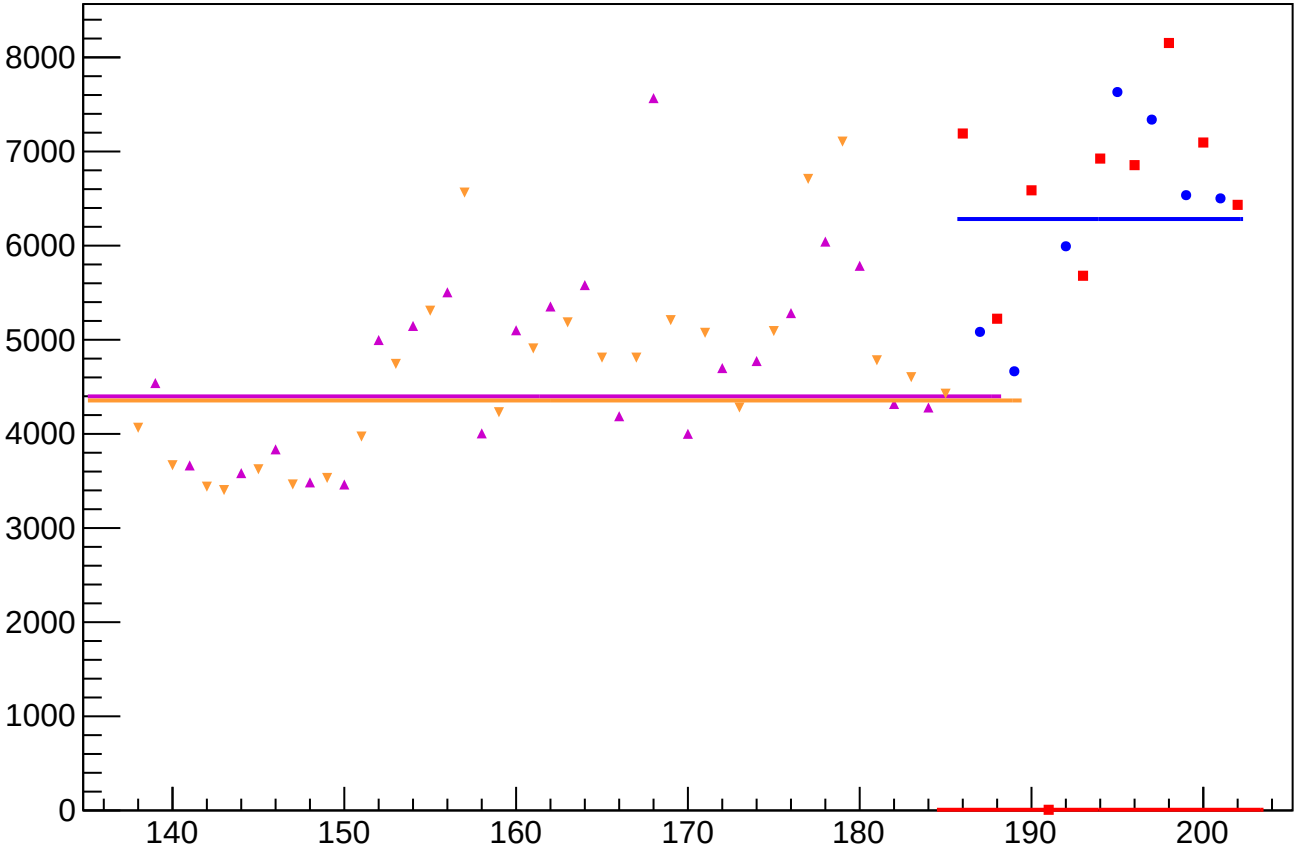
Left In: 10.945+/-1070.258 χ^2/NDF:17.2/22

+ sign -1088.294+/-988.234 χ^2/NDF: 34.3/31

All: -31.439+/-14.258 χ^2/NDF: 62.6/64

- sign -31.219+/-14.259 χ^2/NDF: 27.2/32

asym_atr_dd_correction_rms vs Slug



Right In: 6282.651+/-2.178 χ^2/NDF: 214141.3/6

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

Right Out: 7.266+/-0.010 χ^2/NDF: 12622933.3/9

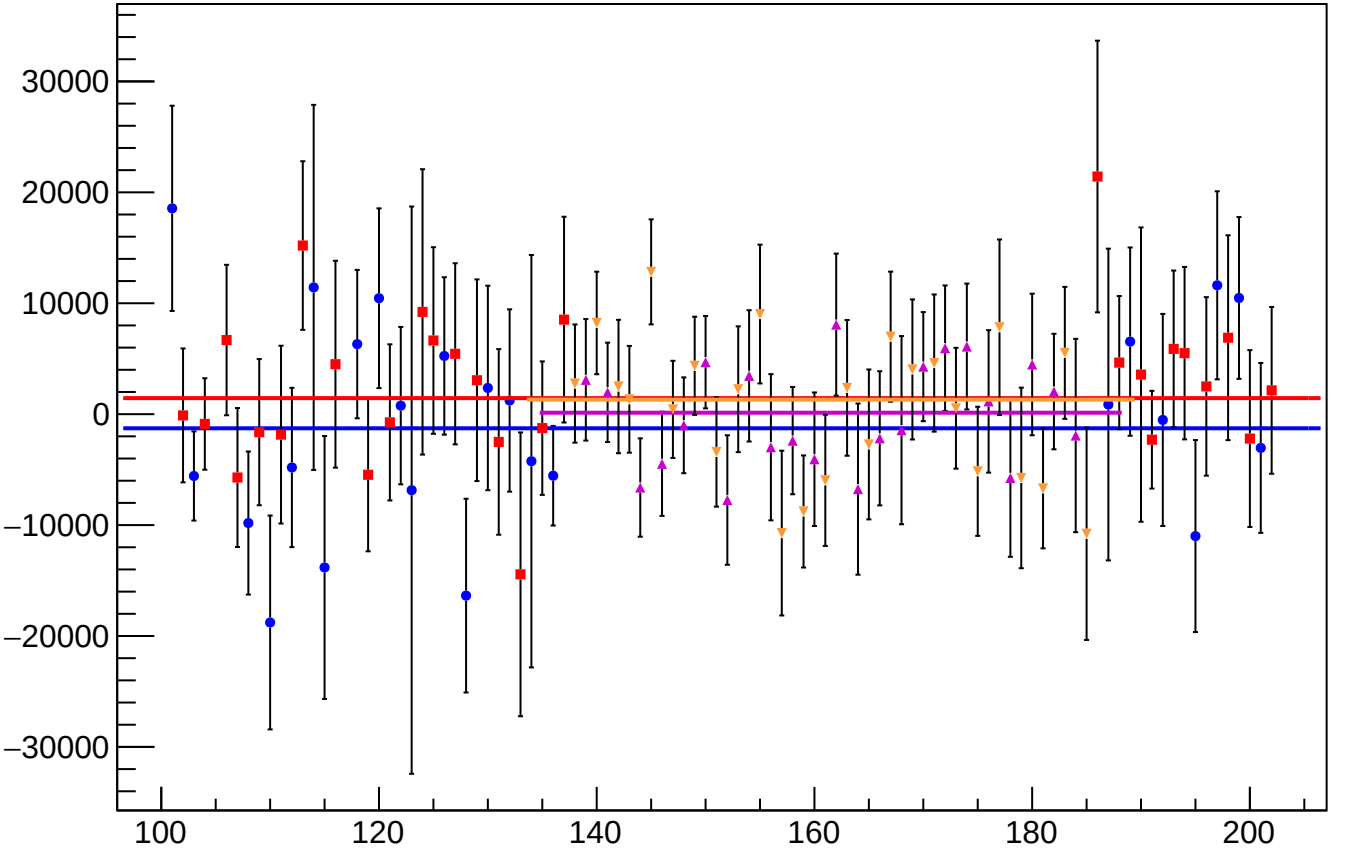
Left In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

+ sign 4553.595+/-0.699 χ^2/NDF: 2267130.1/31

All: 8.991+/-0.010 χ^2/NDF: 92135424.0/64

- sign 8.045+/-0.010 χ^2/NDF: 47563205.7/32

asym_atr_dd_mean vs Slug



Right In: -1273.334+/-1576.097 χ^2/NDF: 28.4/23

Left Out: 1306.805+/-1131.617 χ^2/NDF:28.1/24

Right Out: 1446.501+/-1363.668 χ^2/NDF: 15.7/27

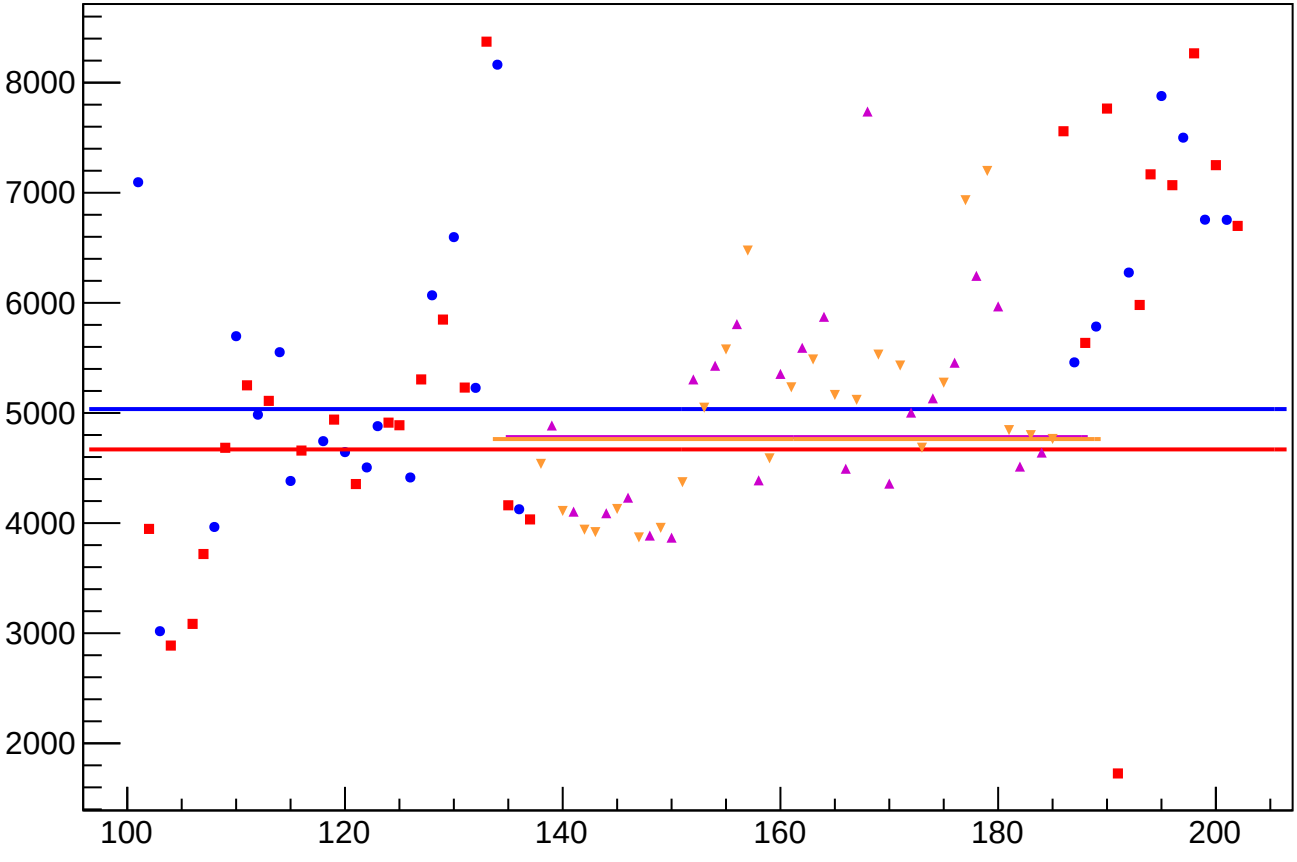
Left In: 131.428+/-1157.282 χ^2/NDF:14.9/22

+ sign 429.160+/-919.223 χ^2/NDF: 58.3/48

All: 560.760+/-636.558 χ^2/NDF: 89.4/99

- sign 682.019+/-882.365 χ^2/NDF: 31.1/50

asym_atr_dd_rms vs Slug



Right In: 5035.492+/-1.114 χ^2/NDF: 1583433.8/23

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

Right Out: 4669.083+/-0.961 χ^2/NDF: 3125189.3/27

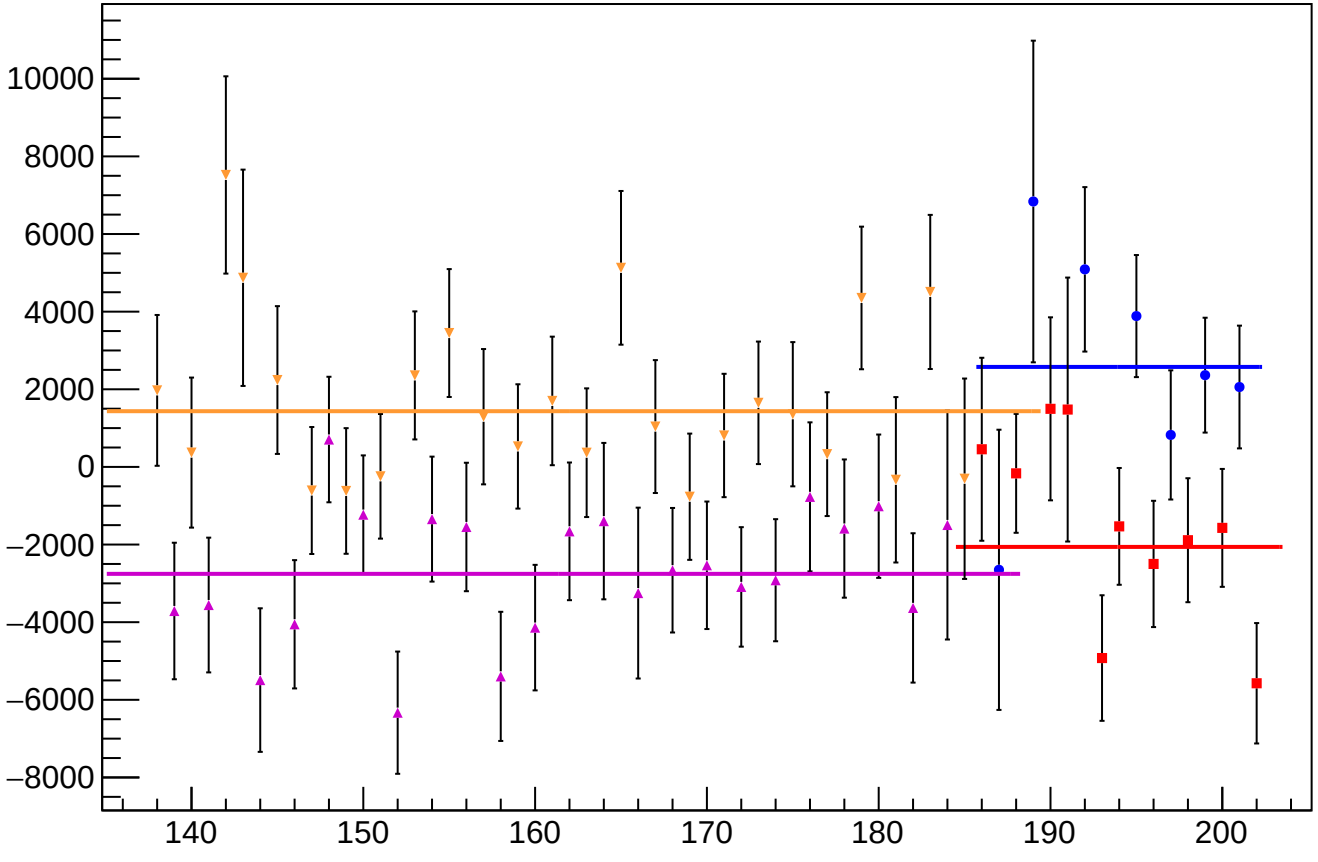
Left In: 4781.172+/-0.818 χ^2/NDF:951542.2/22

+ sign 4855.815+/-0.650 χ^2/NDF: 2564682.9/48

All: 4792.347+/-0.450 χ^2/NDF: 6667595.4/99

- sign 4734.045+/-0.623 χ^2/NDF: 4084619.8/50

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2576.173+/-710.655 χ^2/NDF: 6.5/6

Left Out: 1435.504+/-358.178 χ^2/NDF:26.7/24

Right Out: -2060.664+/-549.154 χ^2/NDF: 14.6/9

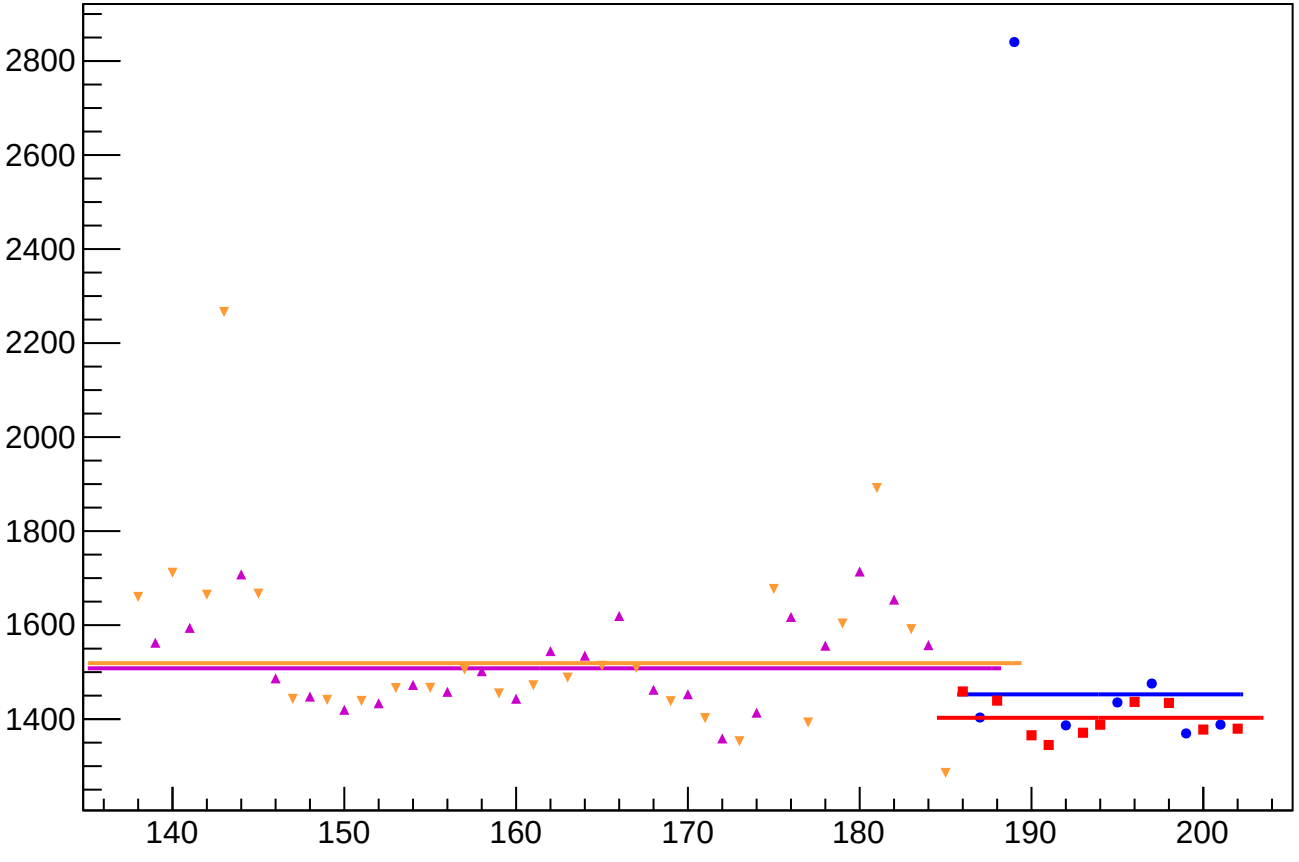
Left In: -2754.889+/-361.672 χ^2/NDF:22.4/22

+ sign 1666.568+/-319.849 χ^2/NDF: 35.3/31

All: -559.591+/-219.604 χ^2/NDF: 165.0/64

- sign -2544.866+/-302.049 χ^2/NDF: 38.1/32

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1452.712+/-0.503 χ^2/NDF: 236889.6/6

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

Right Out: 1402.857+/-0.388 χ^2/NDF: 6947.2/9

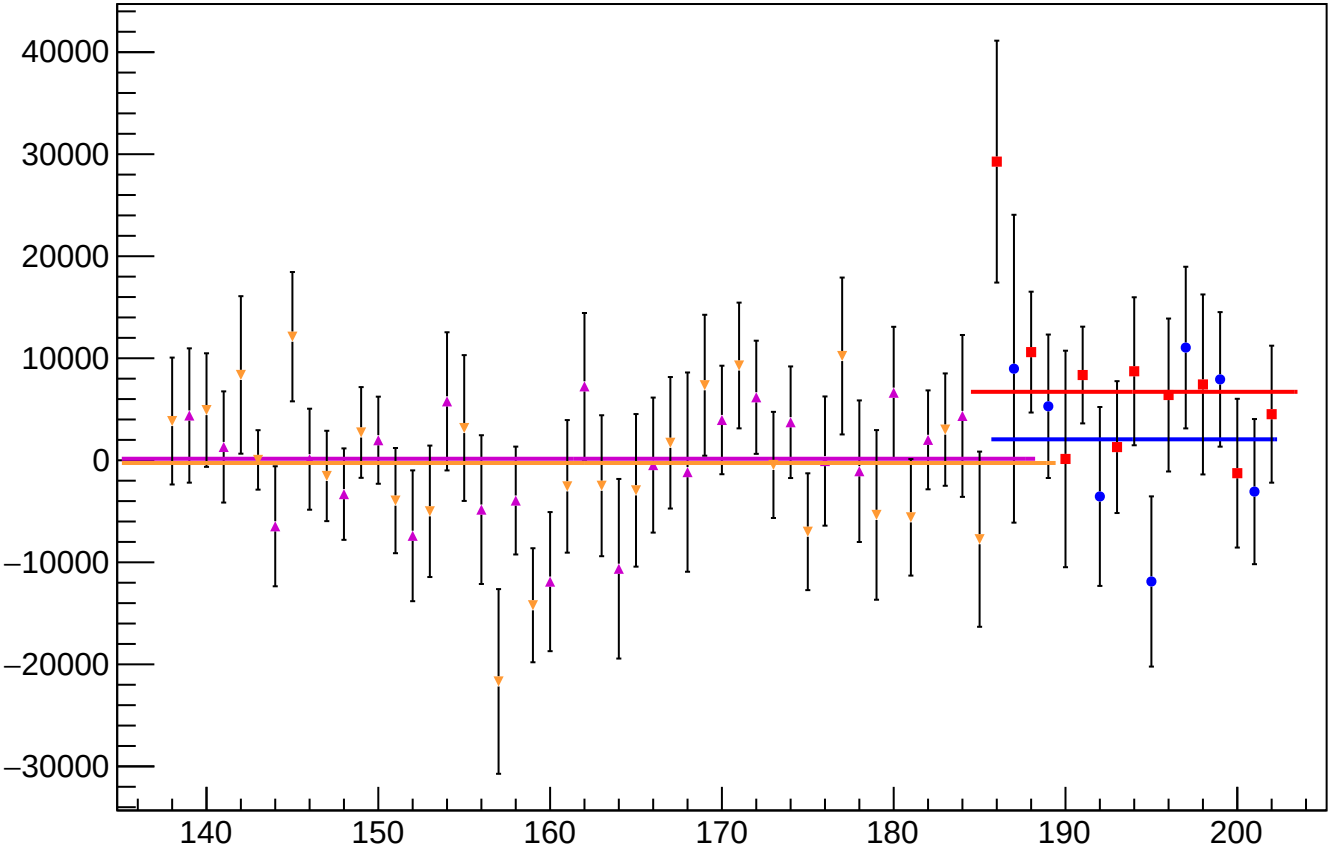
Left In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

+ sign 1505.646+/-0.226 χ^2/NDF: 616643.6/31

All: 1490.117+/-0.155 χ^2/NDF: 815242.4/64

- sign 1476.269+/-0.214 χ^2/NDF: 189680.6/32

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 2055.356+/-3005.399 χ^2/NDF: 6.2/6

Left Out: -264.324+/-1151.119 χ^2/NDF:29.7/24

Right Out: 6710.497+/-2216.138 χ^2/NDF: 6.7/9

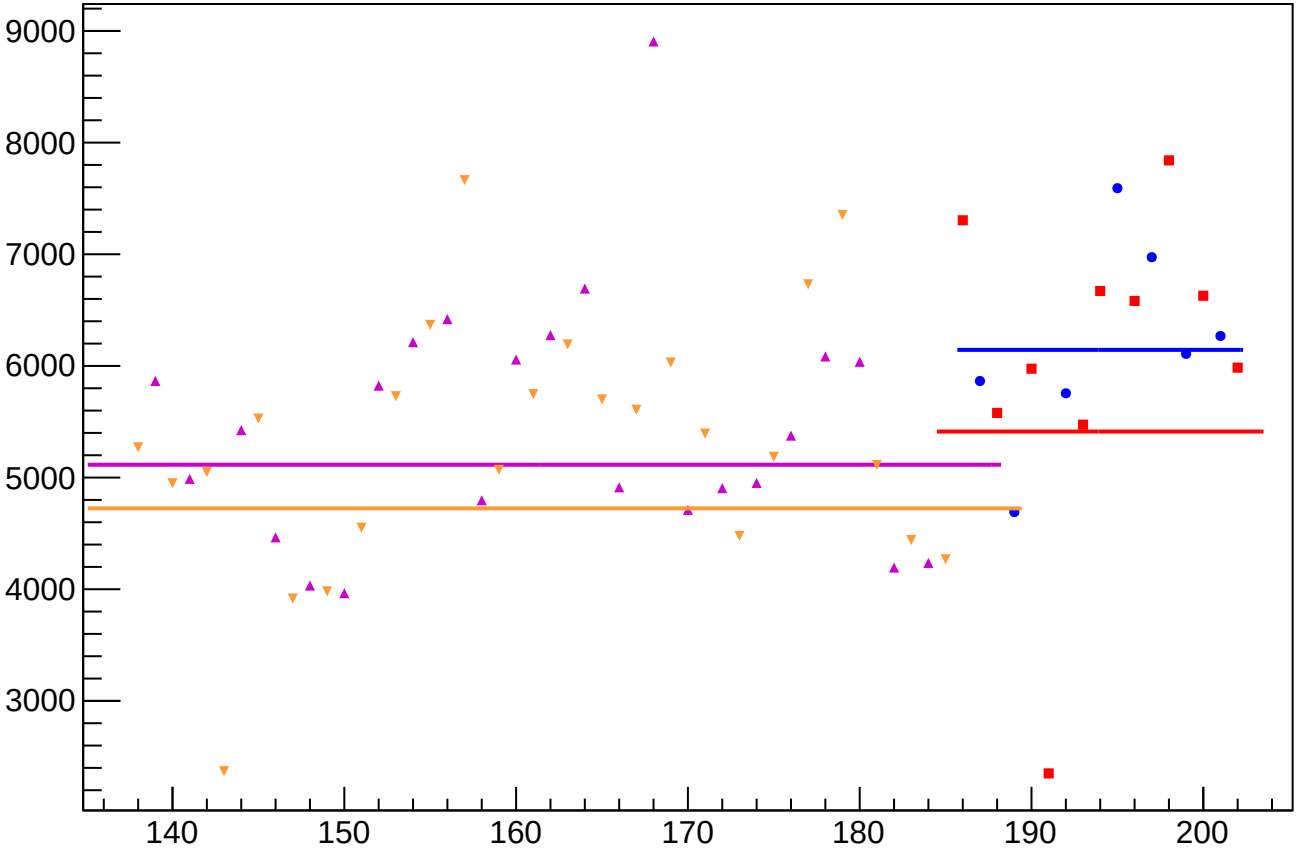
Left In: 151.239+/-1241.800 χ^2/NDF:14.9/22

+ sign 32.442+/-1074.967 χ^2/NDF: 36.4/31

All: 869.004+/-763.052 χ^2/NDF: 65.8/64

- sign 1718.616+/-1083.319 χ^2/NDF: 28.2/32

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 6143.789+/-2.125 χ^2/NDF: 172912.1/6

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

Right Out: 5412.341+/-1.567 χ^2/NDF: 1223282.1/9

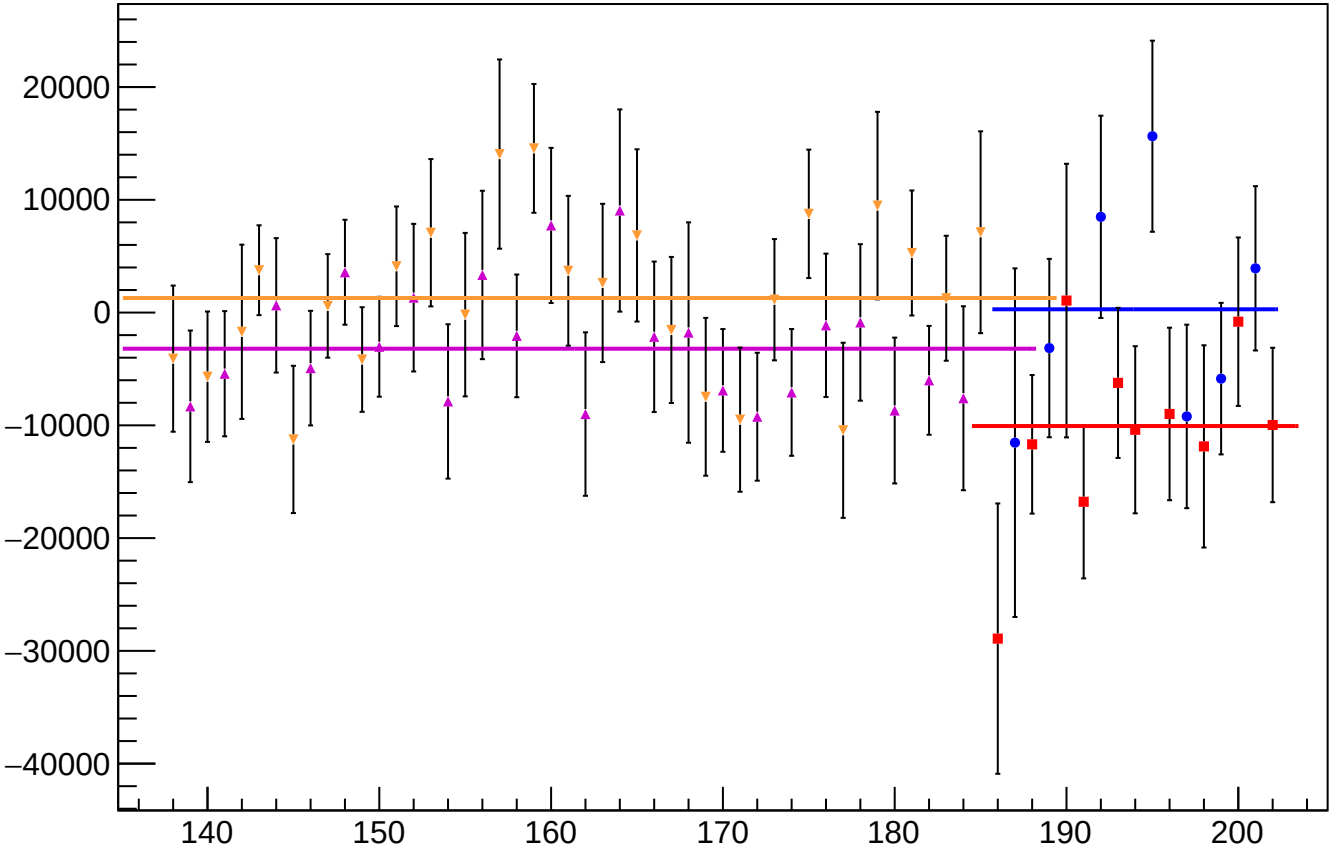
Left In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

+ sign 4905.663+/-0.760 χ^2/NDF: 3099674.3/31

All: 5044.825+/-0.540 χ^2/NDF: 5549237.7/64

- sign 5186.158+/-0.766 χ^2/NDF: 2382004.0/32

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 291.362+/-3121.957 χ^2/NDF: 7.3/6

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

Right Out: -10062.494+/-2415.116 χ^2/NDF: 6.3/9

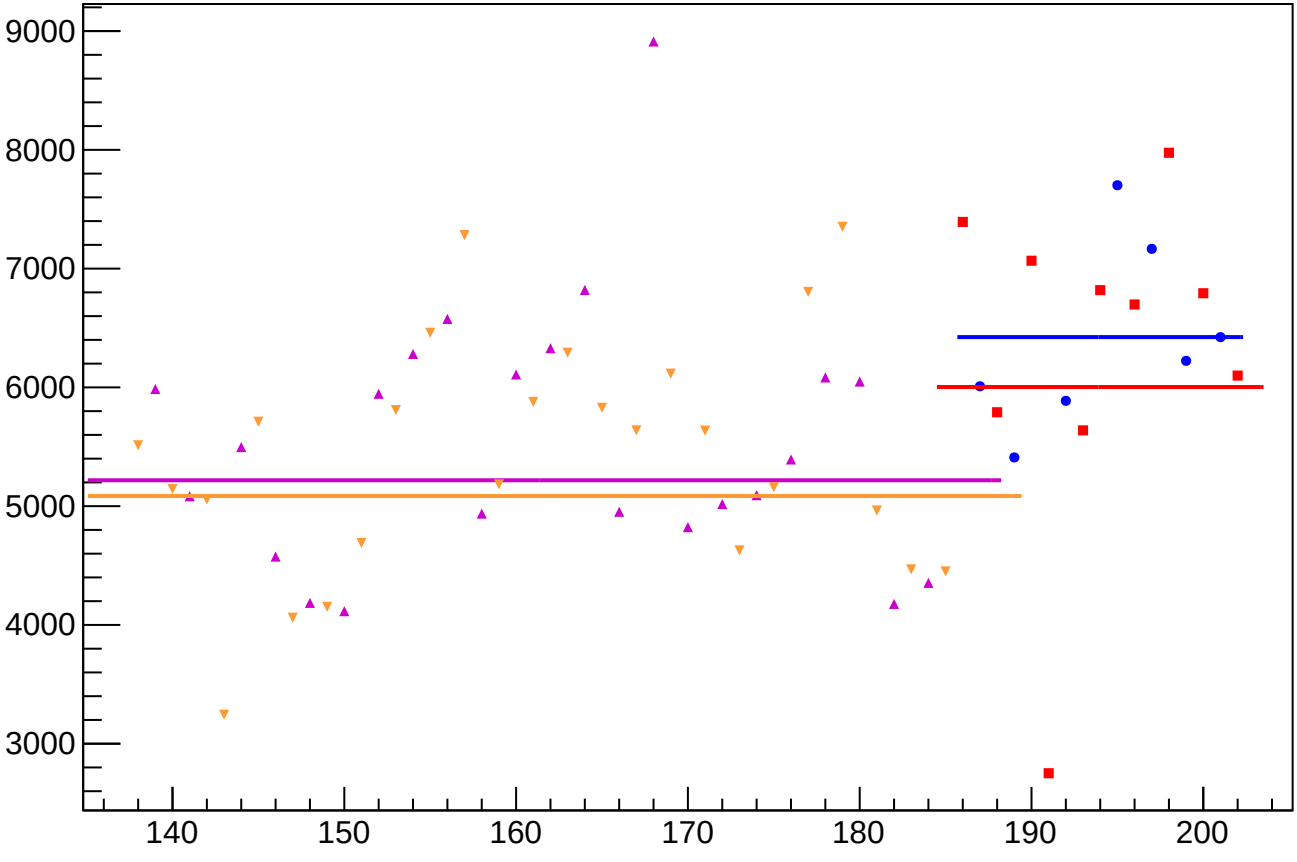
Left In: -3205.363+/-1265.586 χ^2/NDF:13.9/22

+ sign 1160.449+/-1132.891 χ^2/NDF: 35.2/31

All: -1791.953+/-796.836 χ^2/NDF: 75.2/64

- sign -4682.683+/-1120.996 χ^2/NDF: 26.5/32

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 6423.448+/-2.208 χ^2/NDF: 105390.7/6

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

Right Out: 6003.180+/-1.708 χ^2/NDF: 669109.1/9

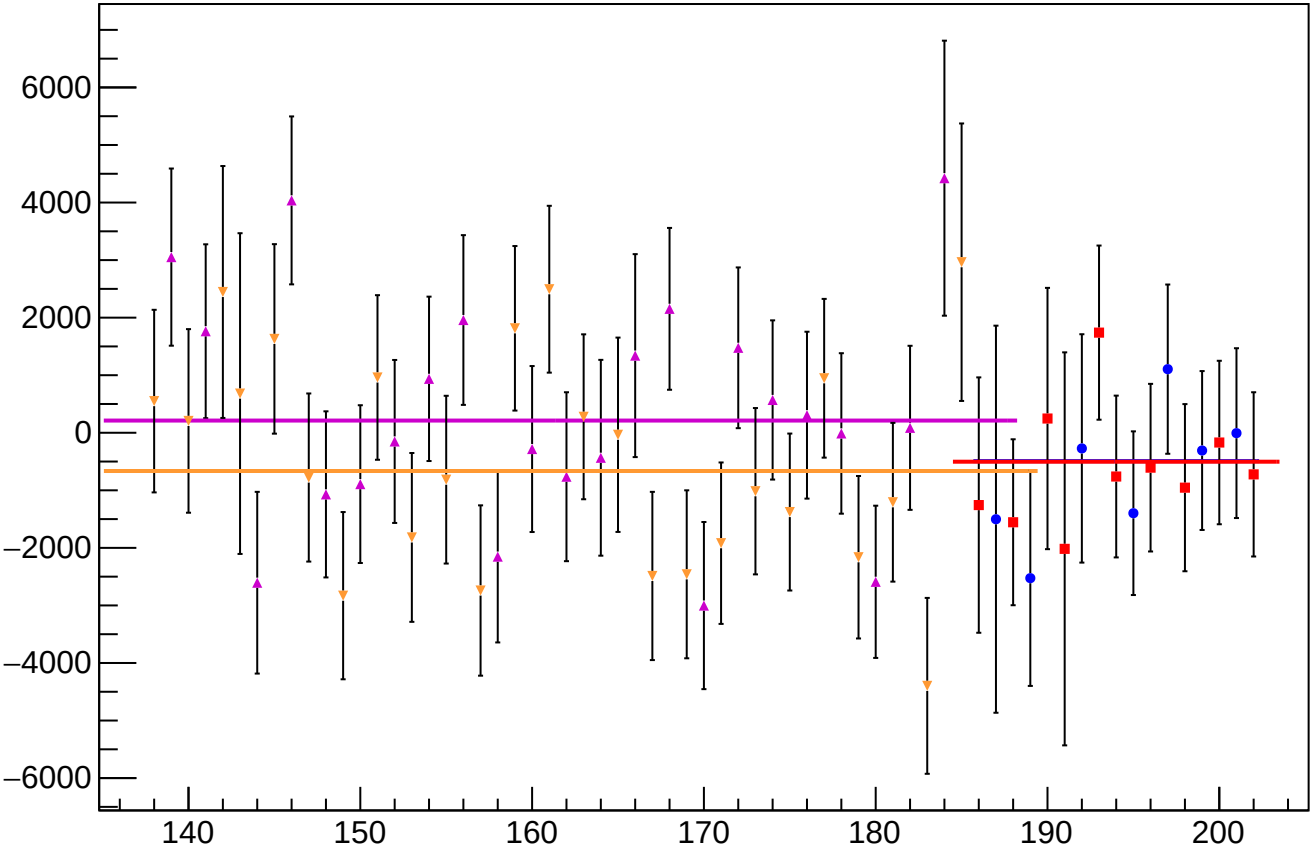
Left In: 5217.971+/-0.895 χ^2/NDF:1058996.1/22

+ sign 5261.514+/-0.801 χ^2/NDF: 1781139.8/31

All: 5324.990+/-0.563 χ^2/NDF: 3687534.4/64

- sign 5387.139+/-0.793 χ^2/NDF: 1893968.4/32

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -493.058+/-623.875 χ^2/NDF: 3.0/6

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

Right Out: -502.809+/-510.295 χ^2/NDF: 3.4/9

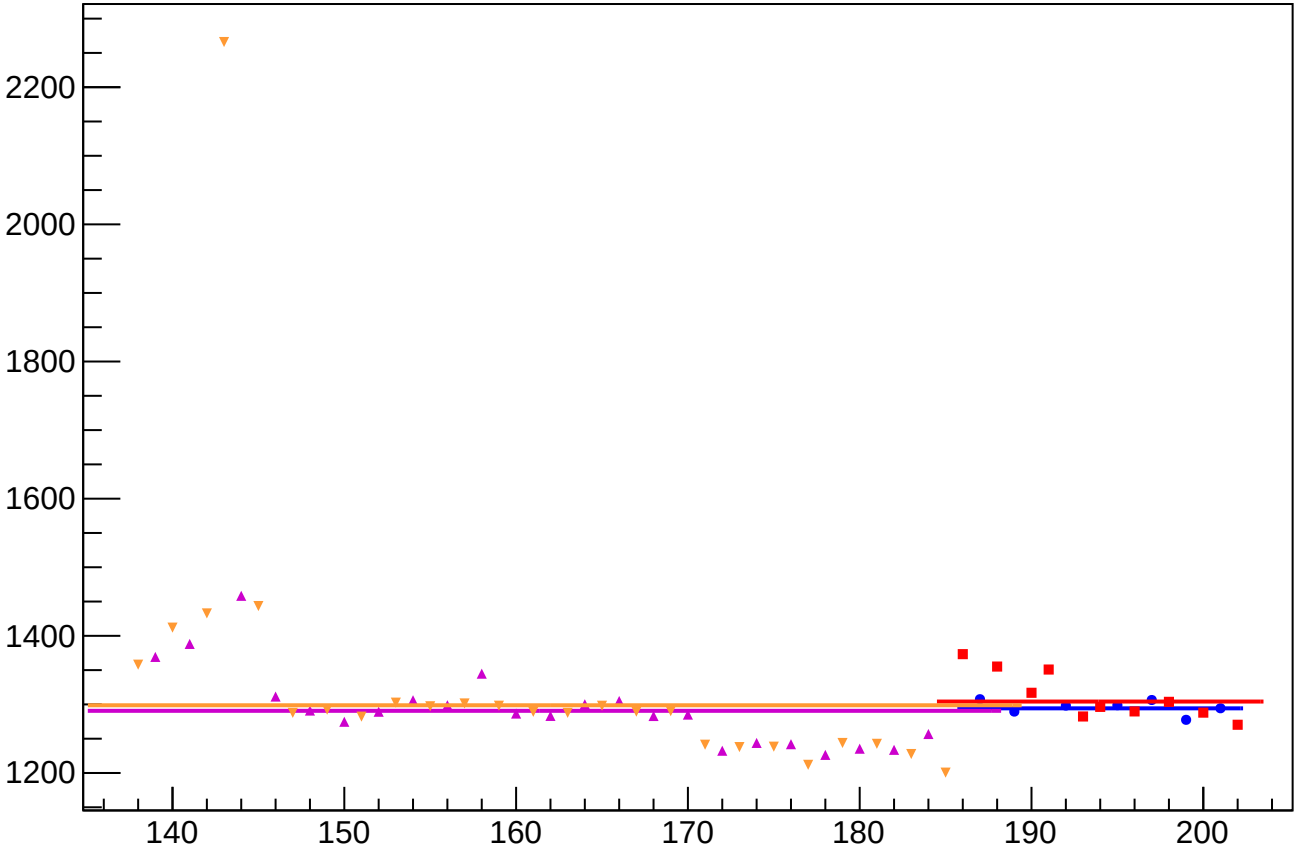
Left In: 212.071+/-308.597 χ^2/NDF:36.6/22

+ sign -631.297+/-274.094 χ^2/NDF: 37.7/31

All: -293.184+/-190.169 χ^2/NDF: 82.0/64

- sign 20.639+/-264.066 χ^2/NDF: 41.4/32

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1294.261+/-0.441 χ^2/NDF: 503.8/6

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

Right Out: 1304.176+/-0.361 χ^2/NDF: 6938.5/9

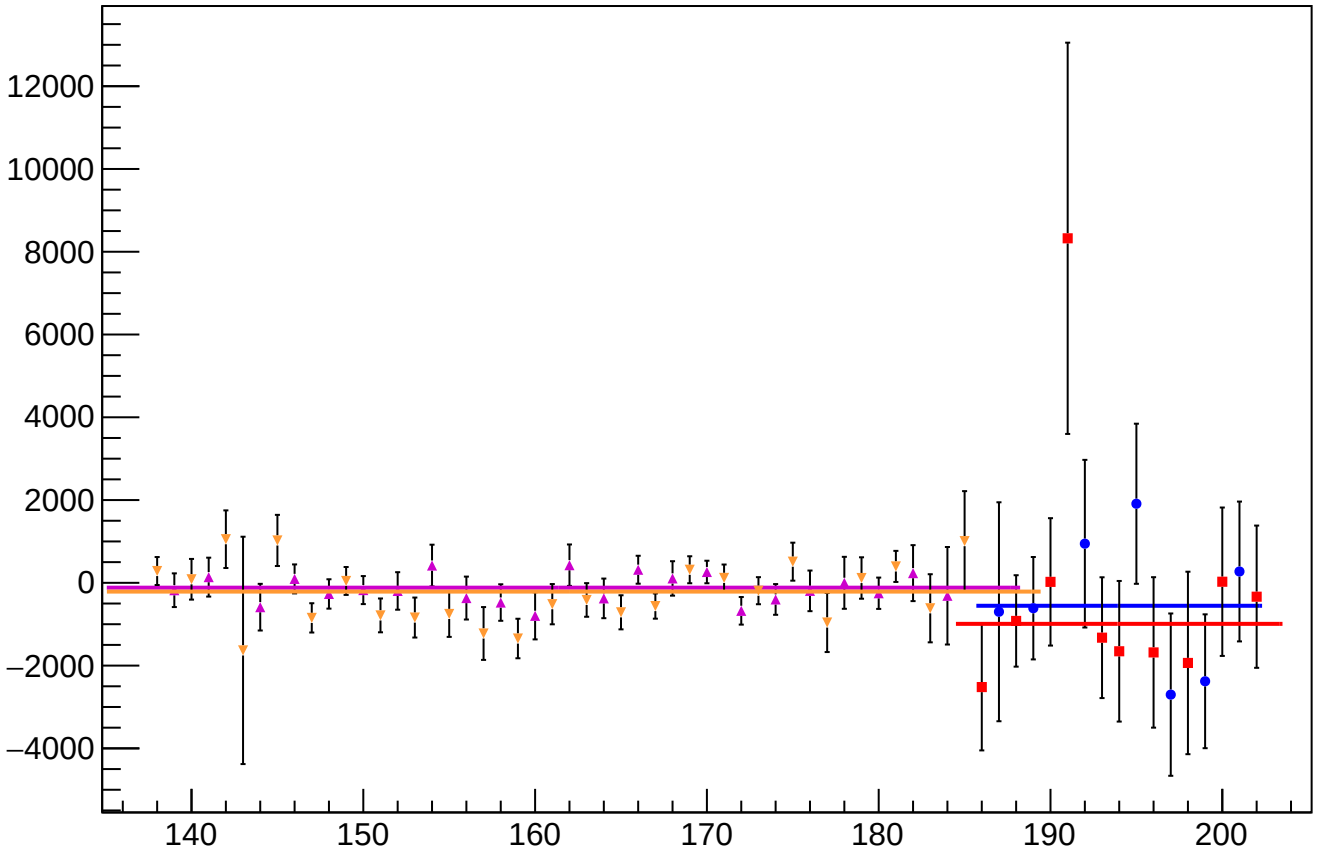
Left In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

+ sign 1297.878+/-0.194 χ^2/NDF: 310931.9/31

All: 1296.006+/-0.134 χ^2/NDF: 378507.8/64

- sign 1294.268+/-0.187 χ^2/NDF: 67395.9/32

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -554.391+/-659.385 χ^2/NDF: 4.9/6

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

Right Out: -991.285+/-520.766 χ^2/NDF: 6.3/9

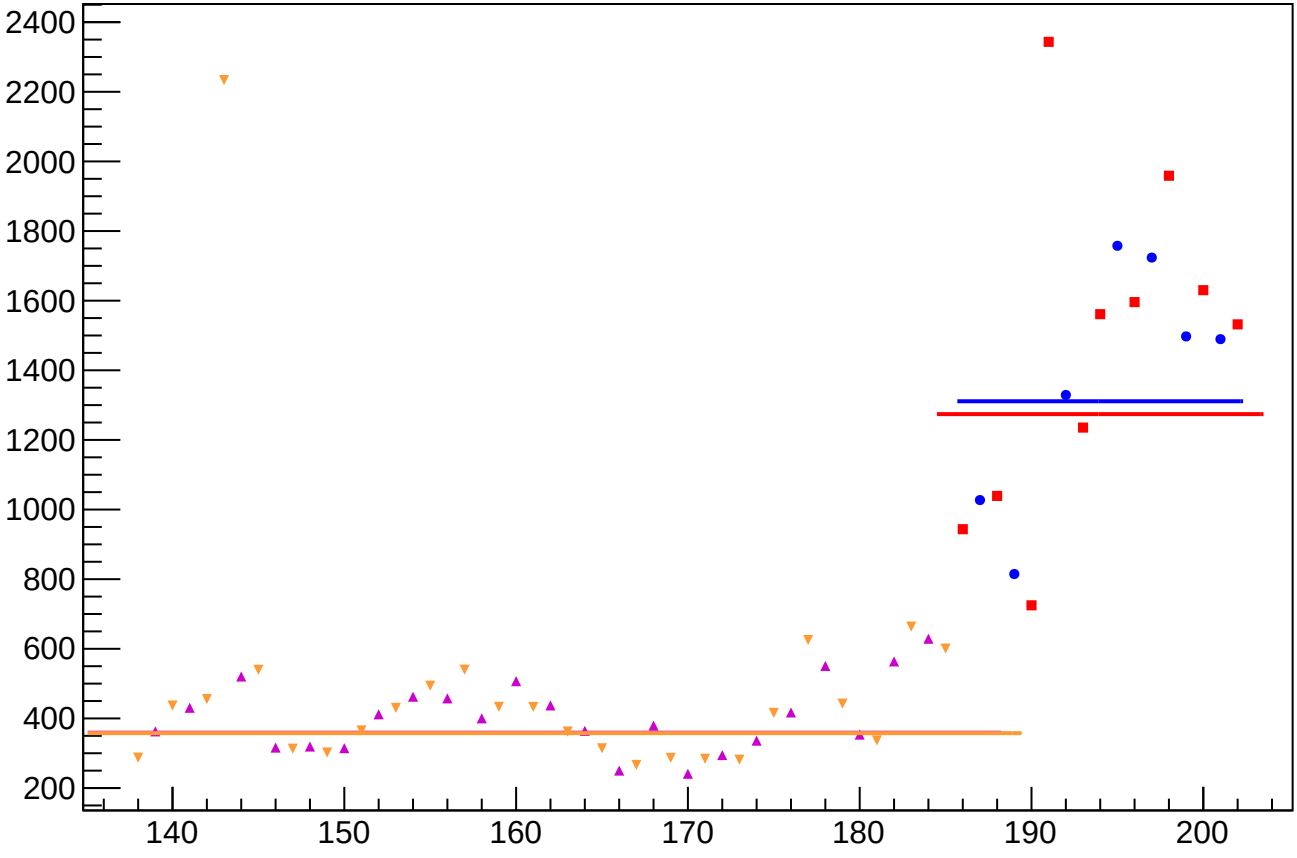
Left In: -117.113+/-88.214 χ^2/NDF:14.3/22

+ sign -217.599+/-86.905 χ^2/NDF: 46.8/31

All: -179.579+/-61.476 χ^2/NDF: 70.6/64

- sign -141.497+/-86.975 χ^2/NDF: 23.4/32

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1311.087+/-0.466 χ^2/NDF: 588998.9/6

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

Right Out: 1274.116+/-0.368 χ^2/NDF: 978823.5/9

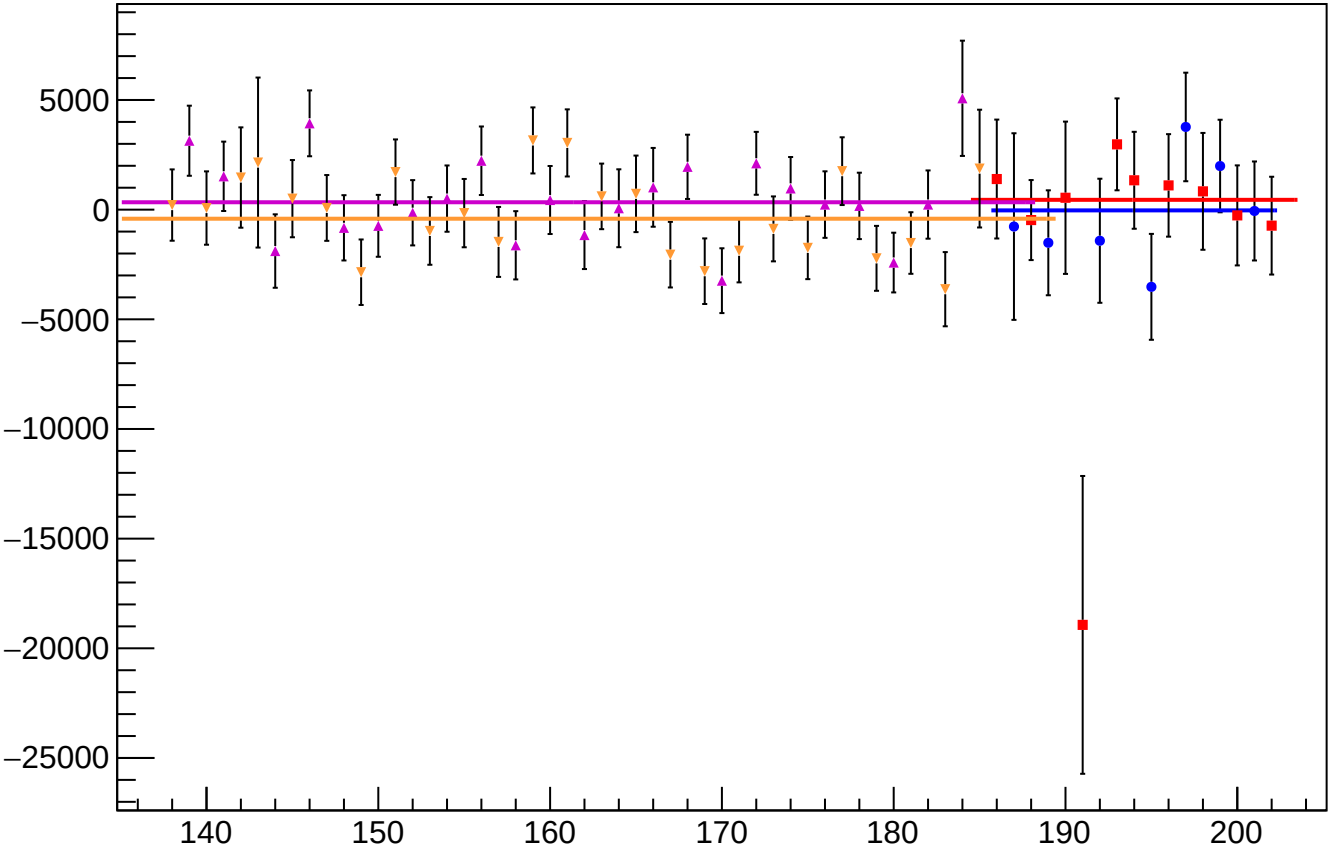
Left In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

+ sign 374.309+/-0.061 χ^2/NDF: 7739104.9/31

All: 379.414+/-0.043 χ^2/NDF: 16594168.9/64

- sign 384.526+/-0.062 χ^2/NDF: 8841253.7/32

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -33.510+/-948.885 χ^2/NDF: 6.0/6

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

Right Out: 447.600+/-768.946 χ^2/NDF: 10.6/9

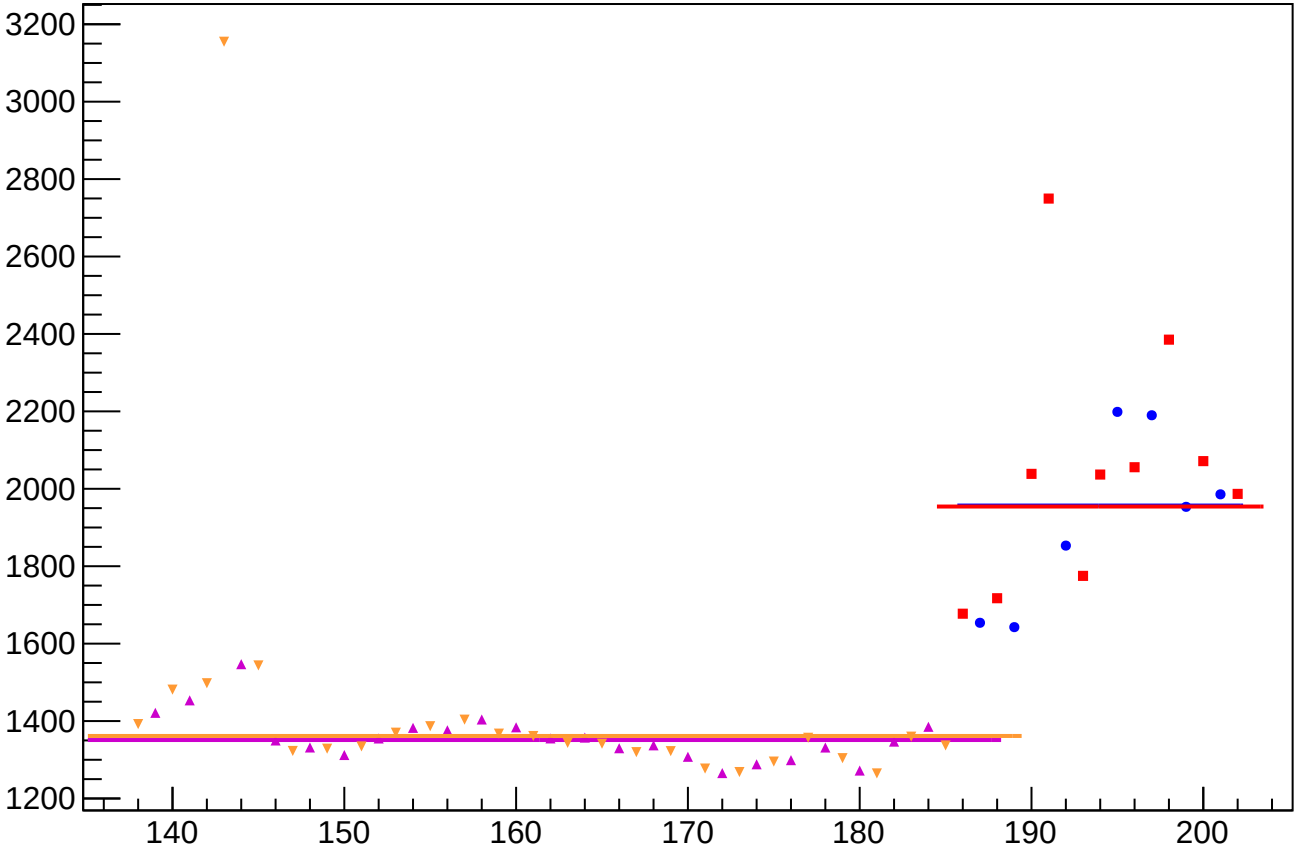
Left In: 337.193+/-323.023 χ^2/NDF:32.8/22

+ sign -374.466+/-303.797 χ^2/NDF: 39.0/31

All: -3.113+/-212.670 χ^2/NDF: 85.3/64

- sign 353.754+/-297.812 χ^2/NDF: 43.4/32

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1956.706+/-0.671 χ^2/NDF: 85467.2/6

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

Right Out: 1954.169+/-0.544 χ^2/NDF: 162500.5/9

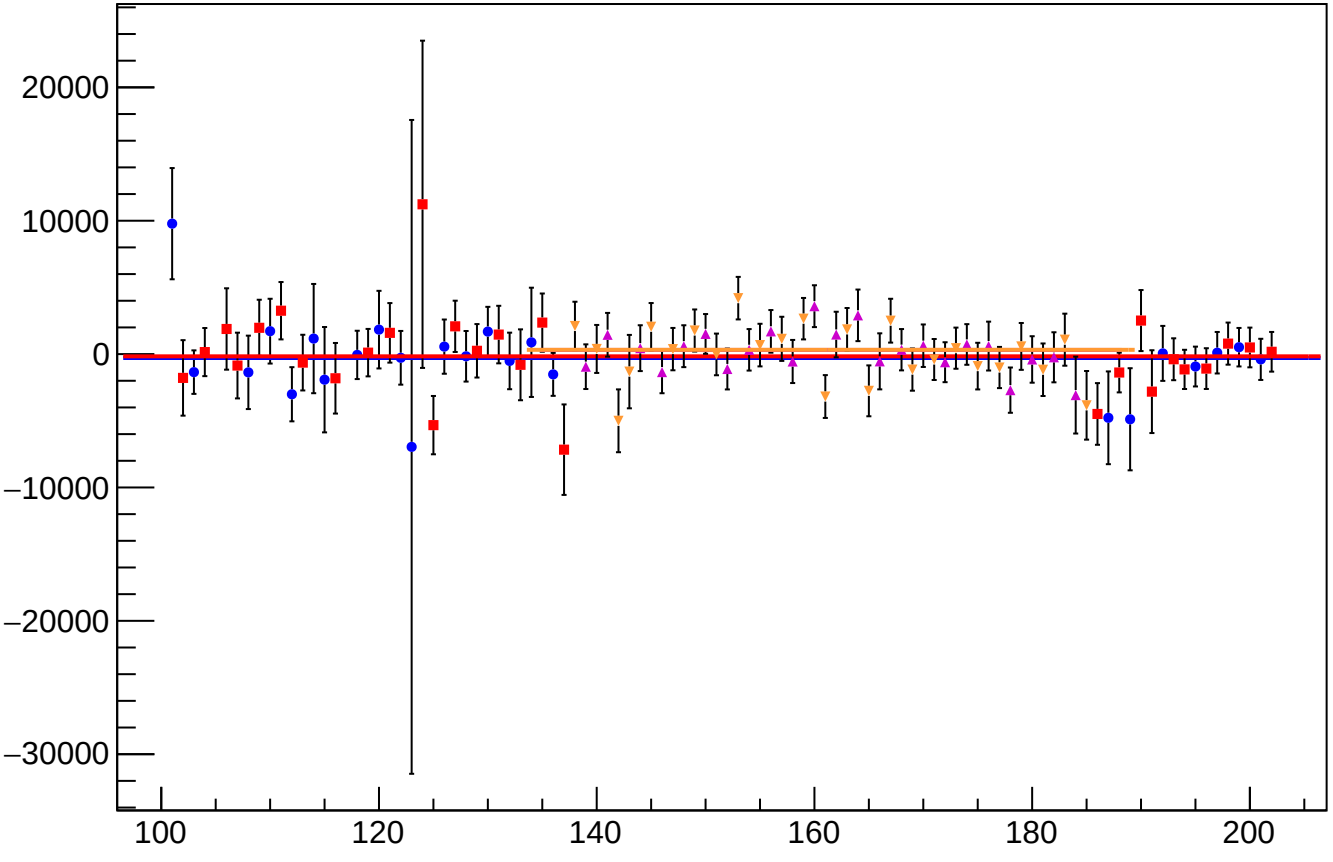
Left In: 1351.012+/-0.228 χ^2/NDF:68978.1/22

+ sign 1422.520+/-0.215 χ^2/NDF: 1299580.9/31

All: 1432.192+/-0.150 χ^2/NDF: 2580999.1/64

- sign 1441.487+/-0.211 χ^2/NDF: 1277443.0/32

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -292.141+/-430.384 χ^2/NDF: 15.5/23

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

Right Out: -167.662+/-379.125 χ^2/NDF: 27.3/27

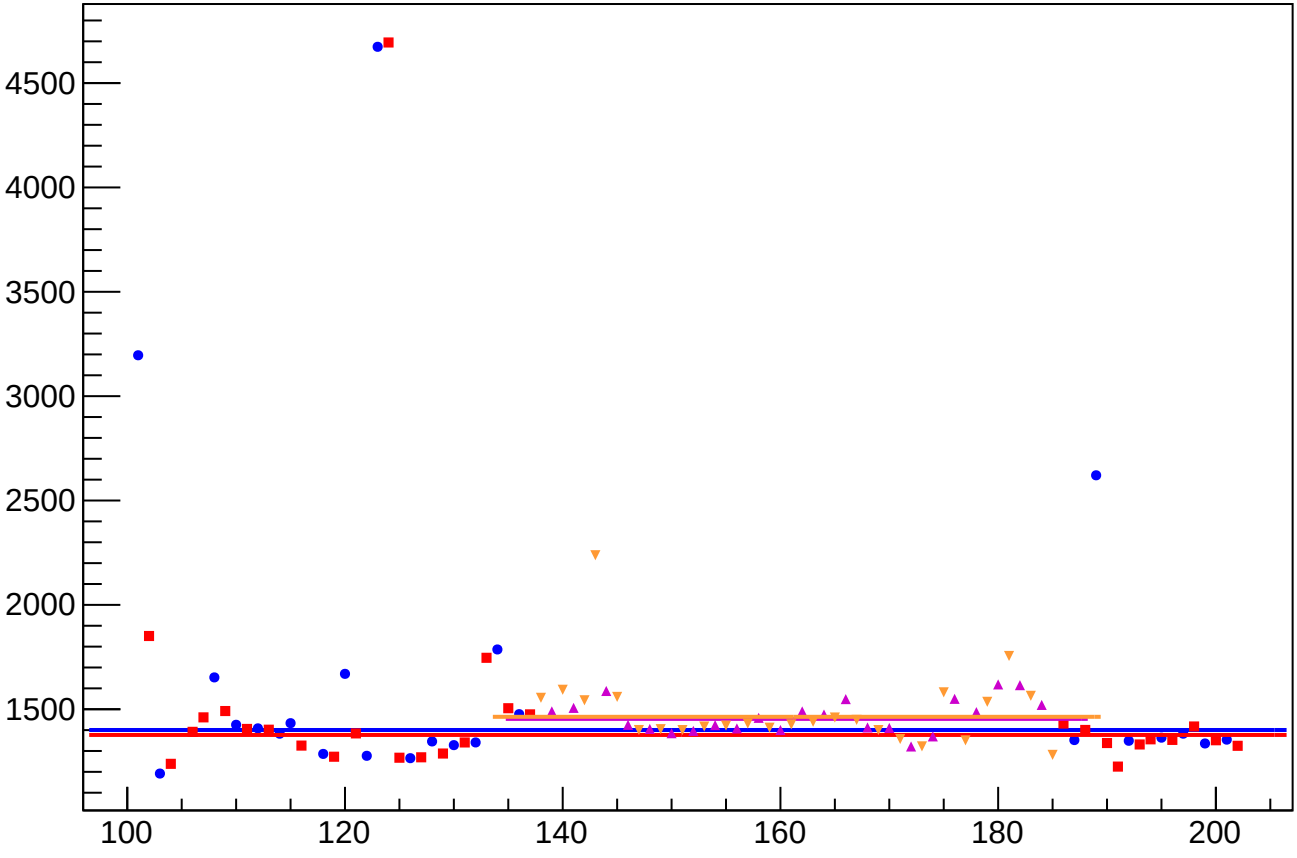
Left In: 310.833+/-348.292 χ^2/NDF:16.8/22

+ sign 80.868+/-269.018 χ^2/NDF: 49.2/48

All: 86.611+/-185.636 χ^2/NDF: 94.2/99

- sign 91.831+/-256.488 χ^2/NDF: 45.0/50

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1400.548+/-0.304 χ^2/NDF: 738479.9/23

Left Out: 1463.714+/-0.244 χ^2/NDF:310491.4/24

Right Out: 1376.859+/-0.268 χ^2/NDF: 307603.5/27

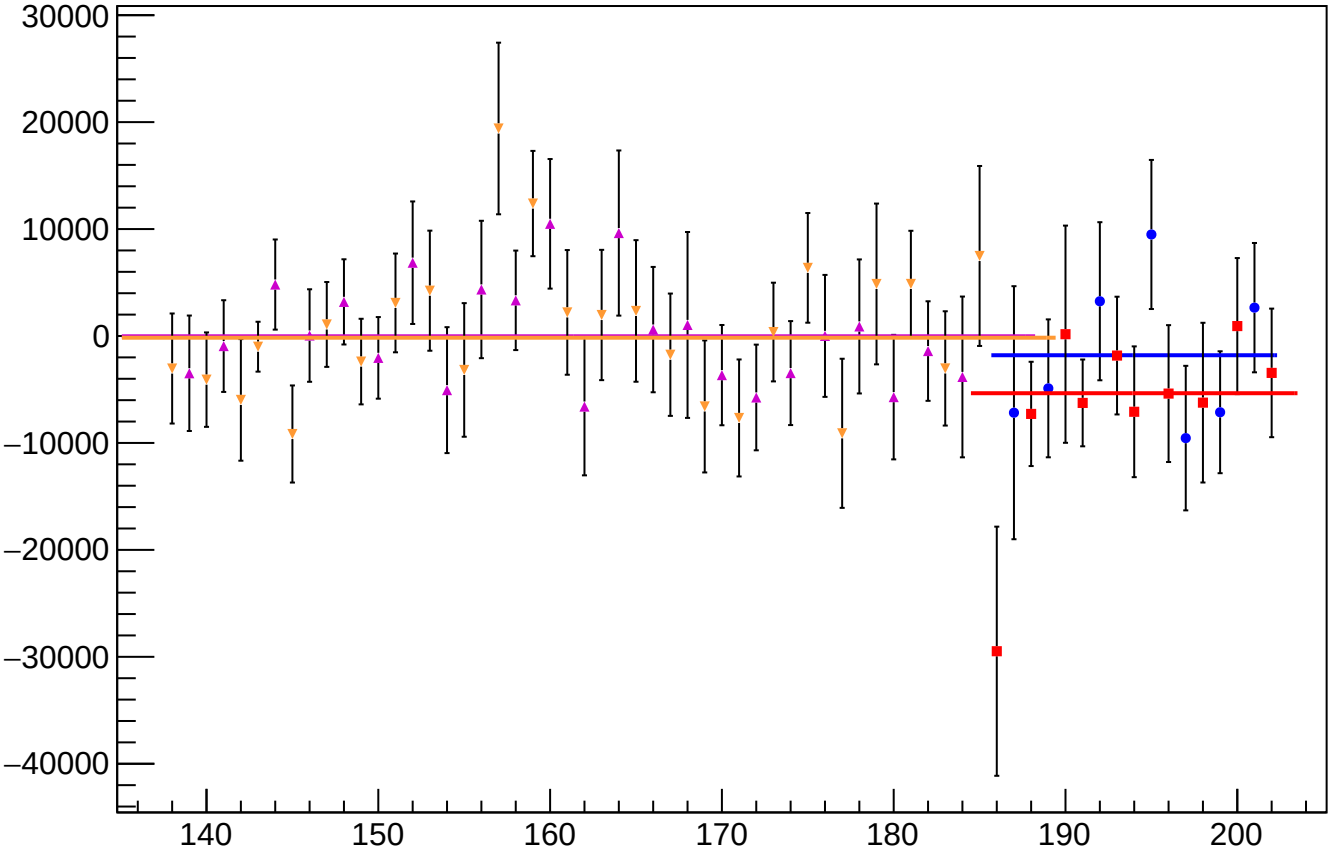
Left In: 1453.763+/-0.246 χ^2/NDF:99224.2/22

+ sign 1439.034+/-0.190 χ^2/NDF: 1075220.3/48

All: 1428.305+/-0.131 χ^2/NDF: 1532763.3/99

- sign 1418.554+/-0.181 χ^2/NDF: 451470.1/50

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -1798.925+/-2581.218 χ^2/NDF: 6.3/6

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

Right Out: -5350.249+/-1909.188 χ^2/NDF: 6.4/9

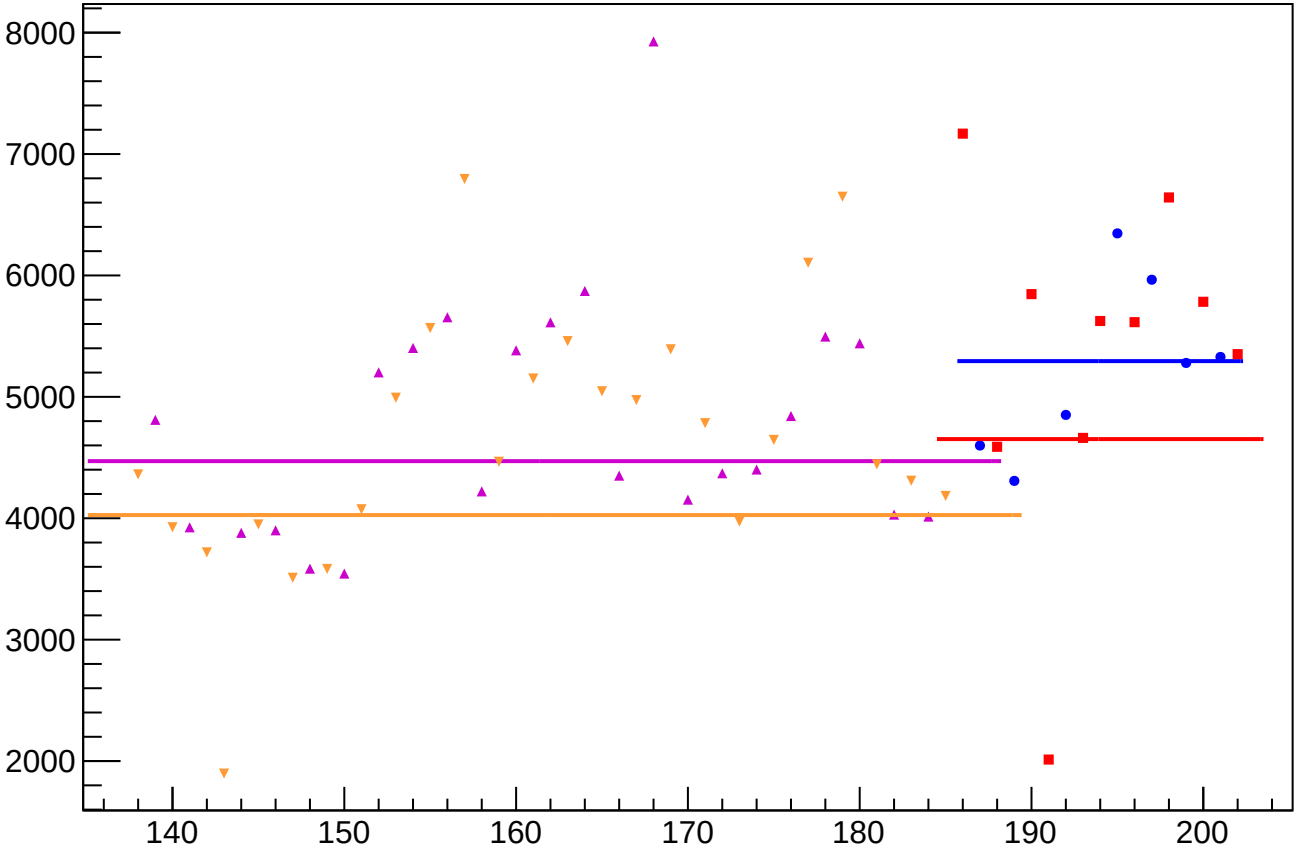
Left In: -26.926+/-1085.415 χ^2/NDF:15.3/22

+ sign -370.035+/-923.814 χ^2/NDF: 36.3/31

All: -838.501+/-660.113 χ^2/NDF: 64.4/64

- sign -1327.232+/-943.583 χ^2/NDF: 27.5/32

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 5294.400+/-1.825 χ^2/NDF: 126225.3/6

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

Right Out: 4652.154+/-1.350 χ^2/NDF: 1295821.9/9

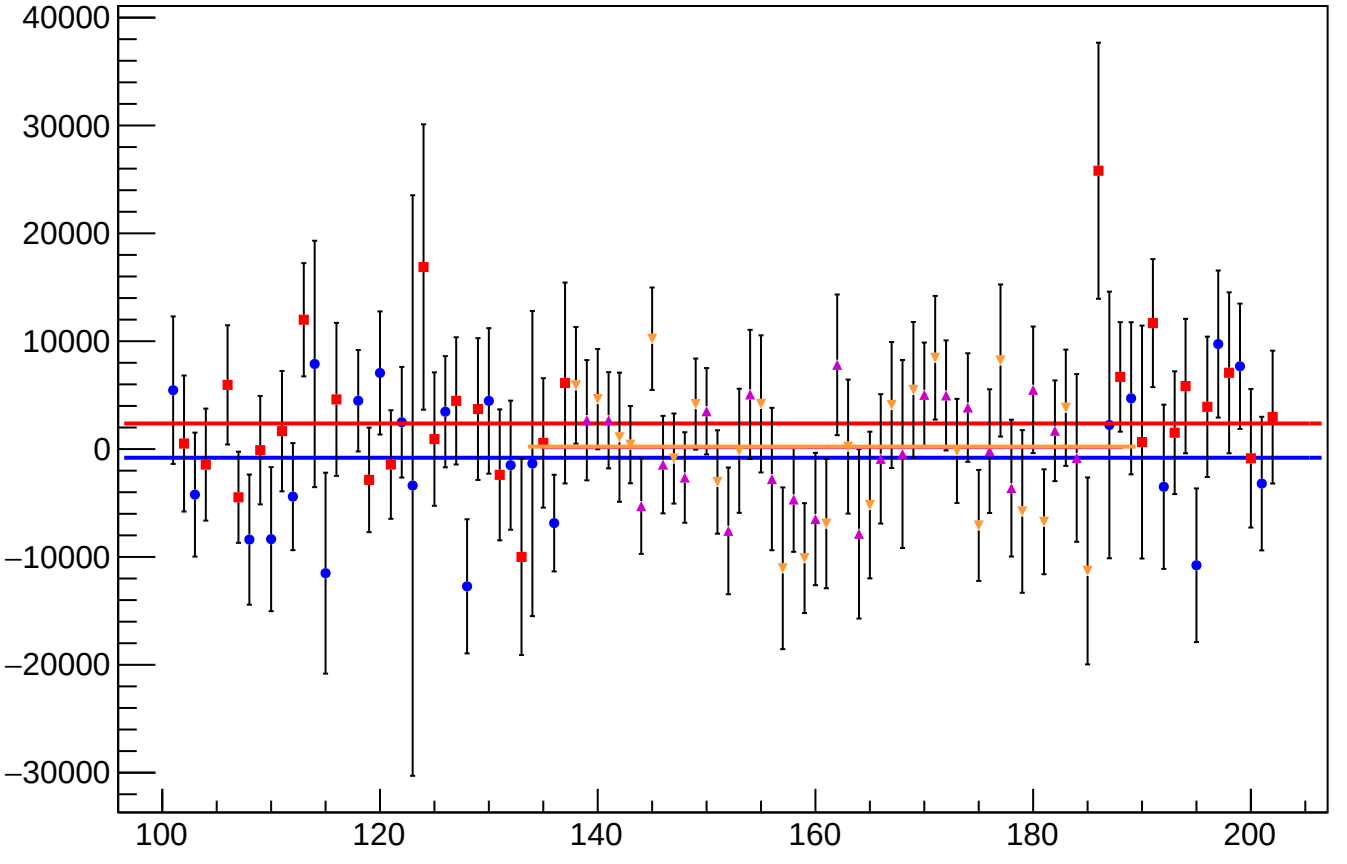
Left In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

+ sign 4188.860+/-0.653 χ^2/NDF: 3618273.3/31

All: 4348.412+/-0.467 χ^2/NDF: 6182169.7/64

- sign 4514.864+/-0.667 χ^2/NDF: 2442001.9/32

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -804.746+/-1306.518 χ^2/NDF: 24.3/23

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

Right Out: 2374.285+/-1150.947 χ^2/NDF: 21.4/27

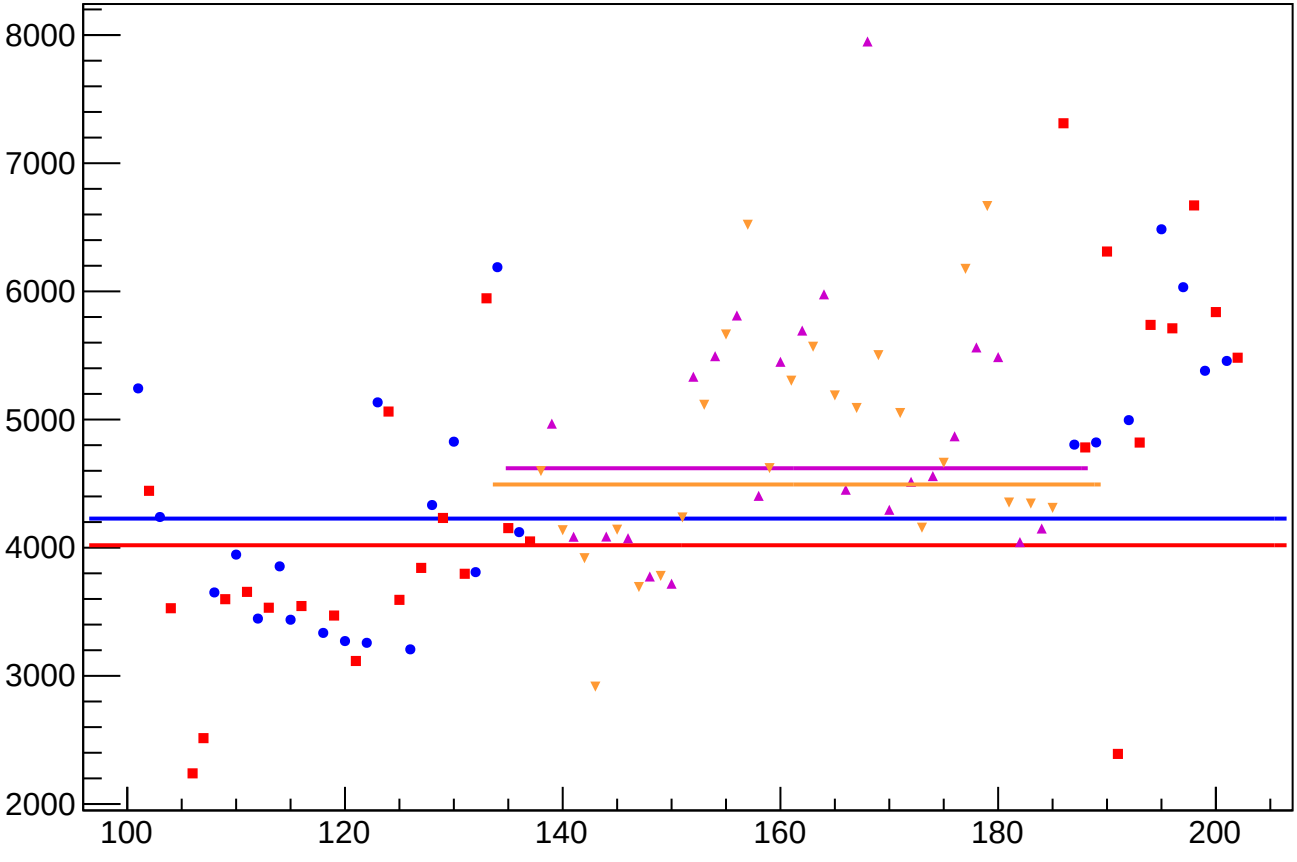
Left In: 185.280+/-1119.296 χ^2/NDF:14.3/22

+ sign -187.102+/-829.445 χ^2/NDF: 52.8/48

All: 554.867+/-576.713 χ^2/NDF: 91.9/99

- sign 1249.270+/-802.418 χ^2/NDF: 37.5/50

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4227.166+/-0.924 χ^2/NDF: 1015580.3/23

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

Right Out: 4019.099+/-0.809 χ^2/NDF: 2100576.7/27

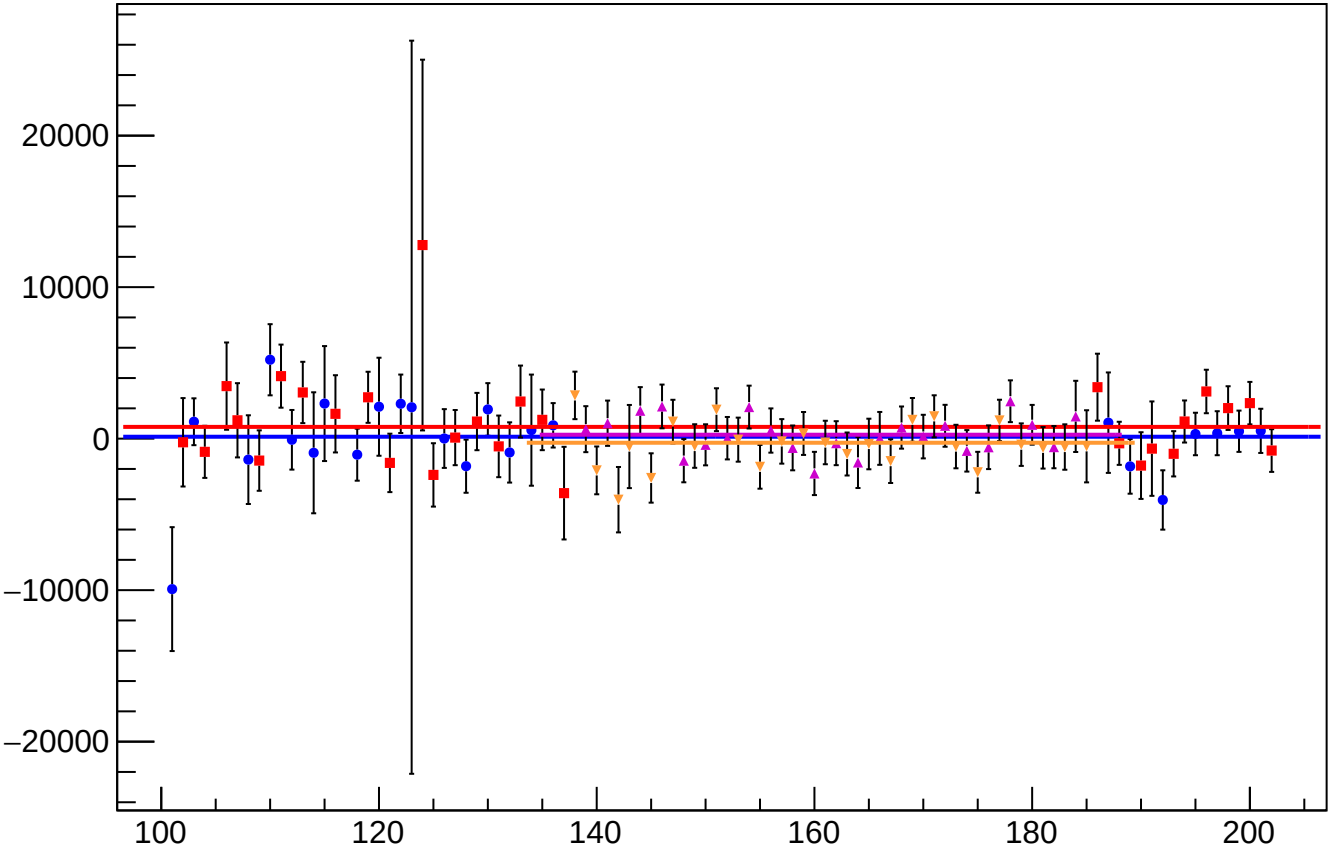
Left In: 4619.952+/-0.791 χ^2/NDF:1001966.3/22

+ sign 4386.044+/-0.587 χ^2/NDF: 2374260.2/48

All: 4354.927+/-0.407 χ^2/NDF: 5764208.1/99

- sign 4325.986+/-0.566 χ^2/NDF: 3384515.0/50

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 126.176+/-400.378 χ^2/NDF: 22.8/23

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

Right Out: 776.134+/-358.270 χ^2/NDF: 27.3/27

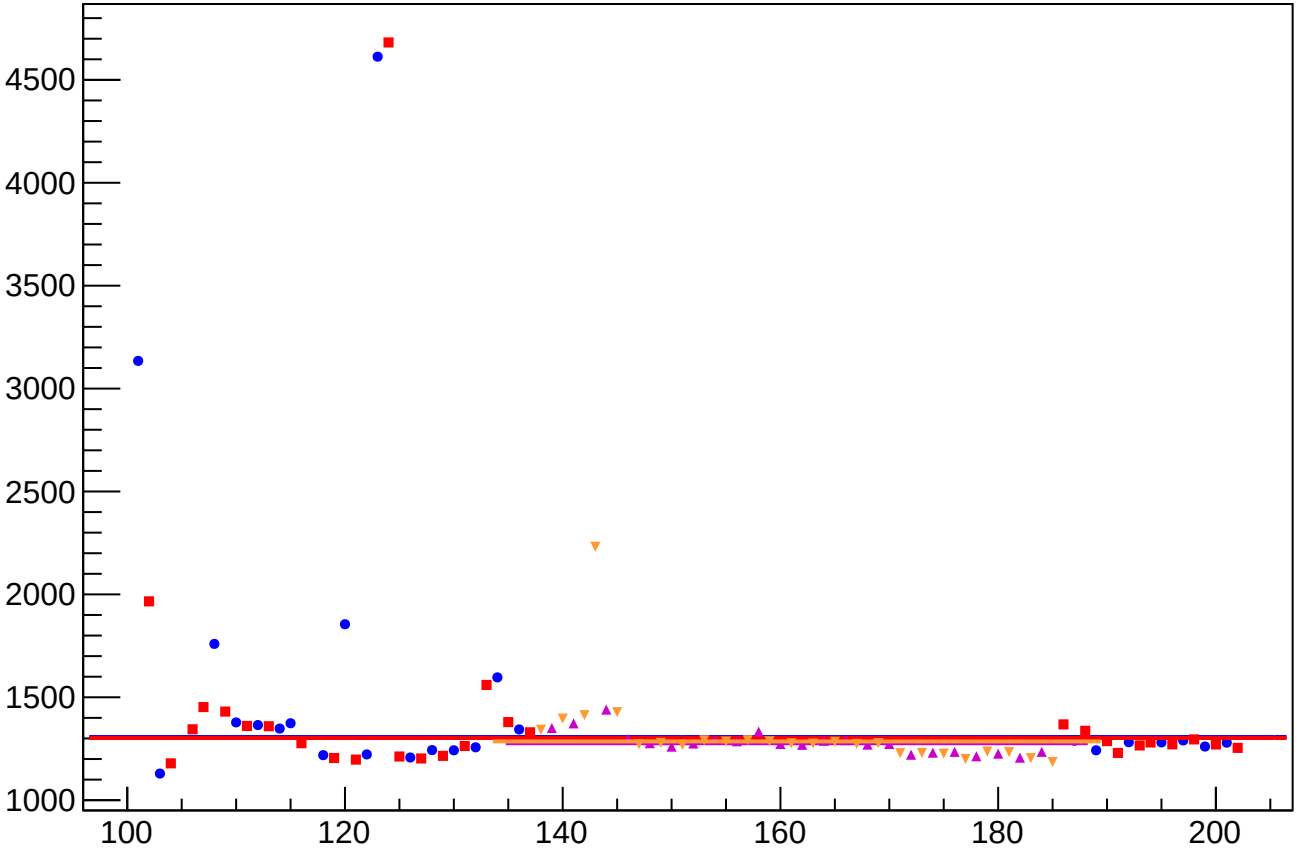
Left In: 258.285+/-305.289 χ^2/NDF:16.0/22

+ sign -126.649+/-241.118 χ^2/NDF: 45.6/48

All: 185.873+/-167.317 χ^2/NDF: 93.4/99

- sign 476.125+/-232.369 χ^2/NDF: 44.6/50

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1306.754+/-0.283 χ^2/NDF: 614508.2/23

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

Right Out: 1302.265+/-0.253 χ^2/NDF: 350073.8/27

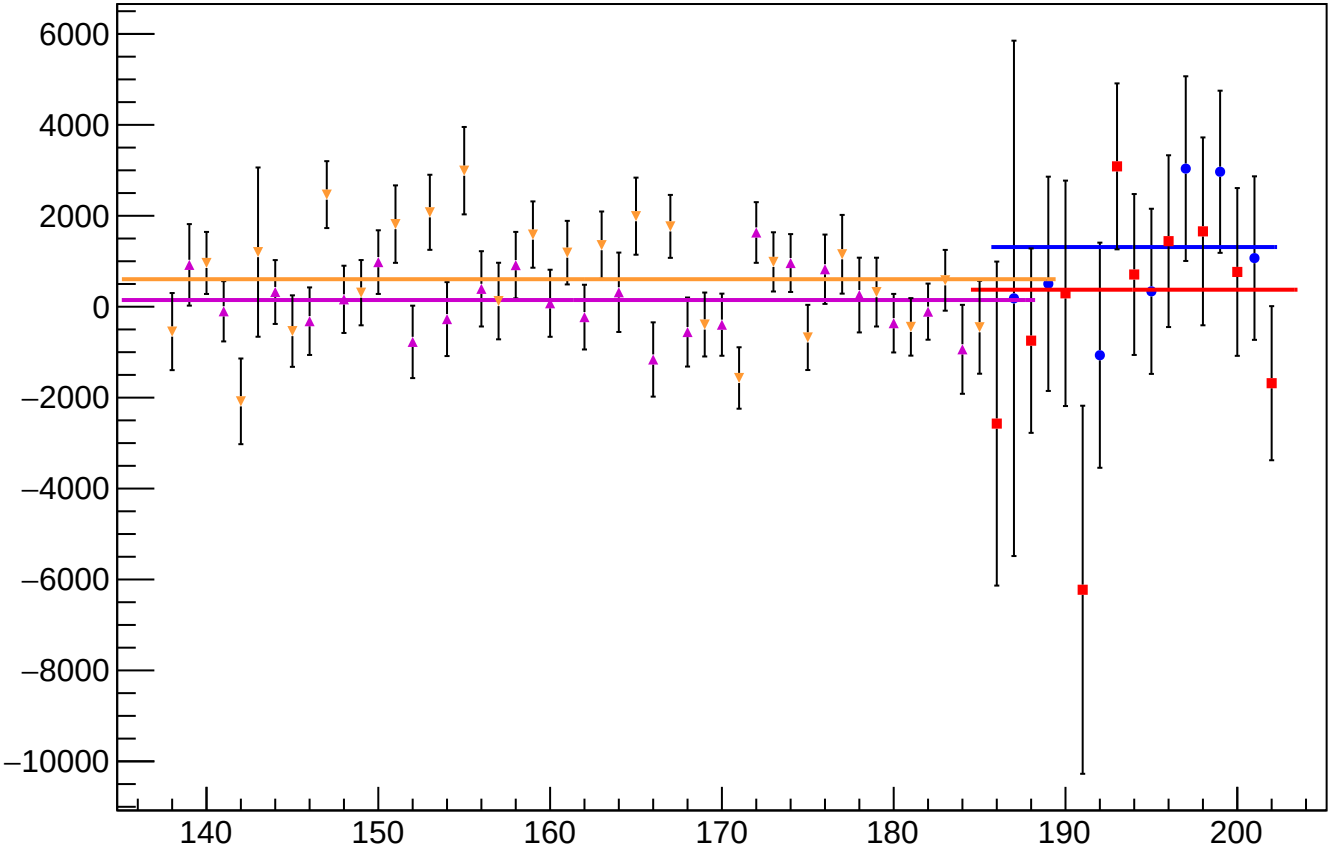
Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

+ sign 1293.256+/-0.170 χ^2/NDF: 924132.6/48

All: 1290.264+/-0.118 χ^2/NDF: 1340108.7/99

- sign 1287.486+/-0.164 χ^2/NDF: 415382.3/50

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 1312.224+/-804.944 χ^2/NDF: 3.0/6

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

Right Out: 373.984+/-656.356 χ^2/NDF: 8.1/9

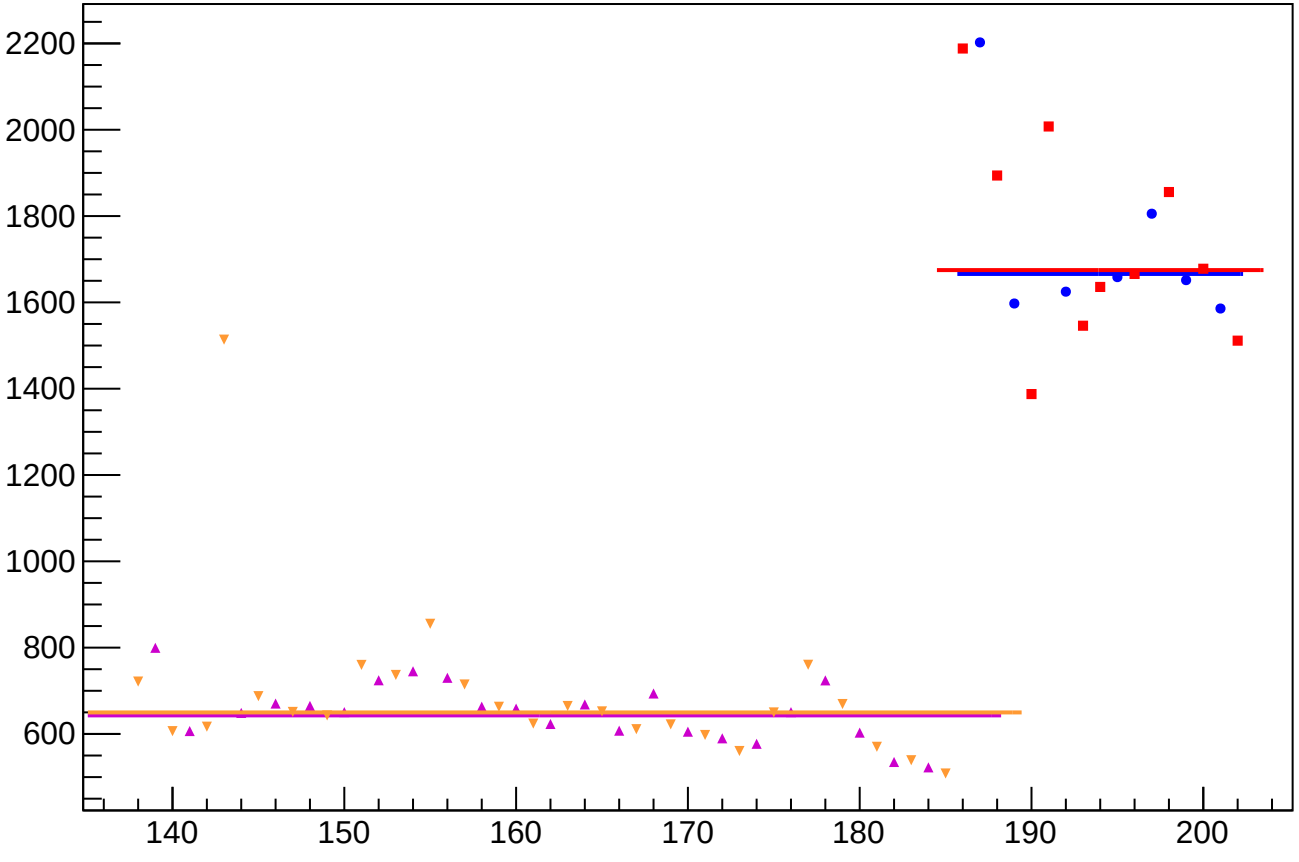
Left In: 147.044+/-154.051 χ^2/NDF:19.4/22

+ sign 630.109+/-151.183 χ^2/NDF: 63.7/31

All: 392.612+/-106.473 χ^2/NDF: 96.2/64

- sign 158.893+/-149.976 χ^2/NDF: 27.6/32

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1665.878+/-0.569 χ^2/NDF: 33735.0/6

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

Right Out: 1674.816+/-0.464 χ^2/NDF: 150167.6/9

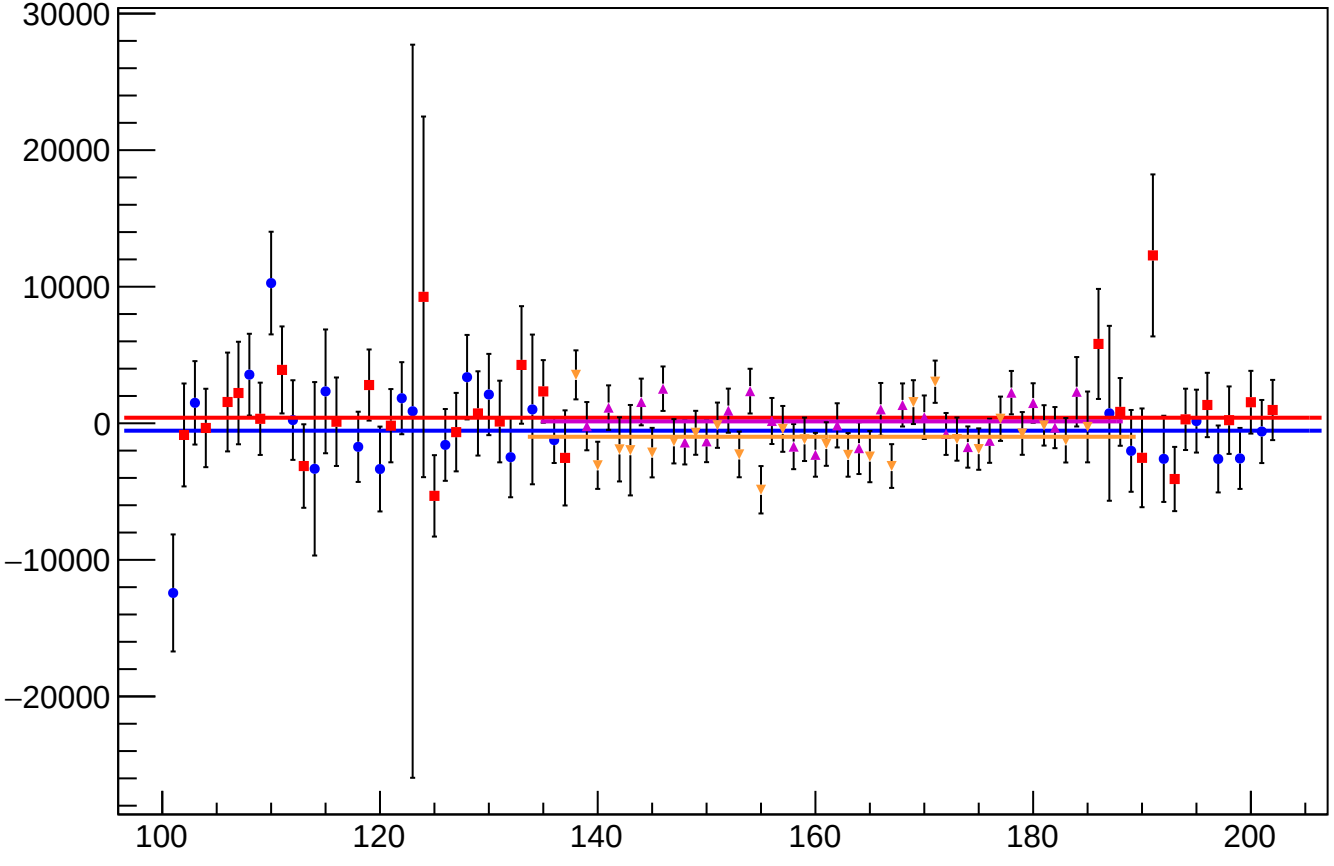
Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

+ sign 685.707+/-0.107 χ^2/NDF: 3948526.7/31

All: 691.338+/-0.075 χ^2/NDF: 9112506.9/64

- sign 696.880+/-0.106 χ^2/NDF: 5158474.4/32

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -541.955+/-599.651 χ^2/NDF: 26.4/23

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

Right Out: 407.968+/-550.449 χ^2/NDF: 21.1/27

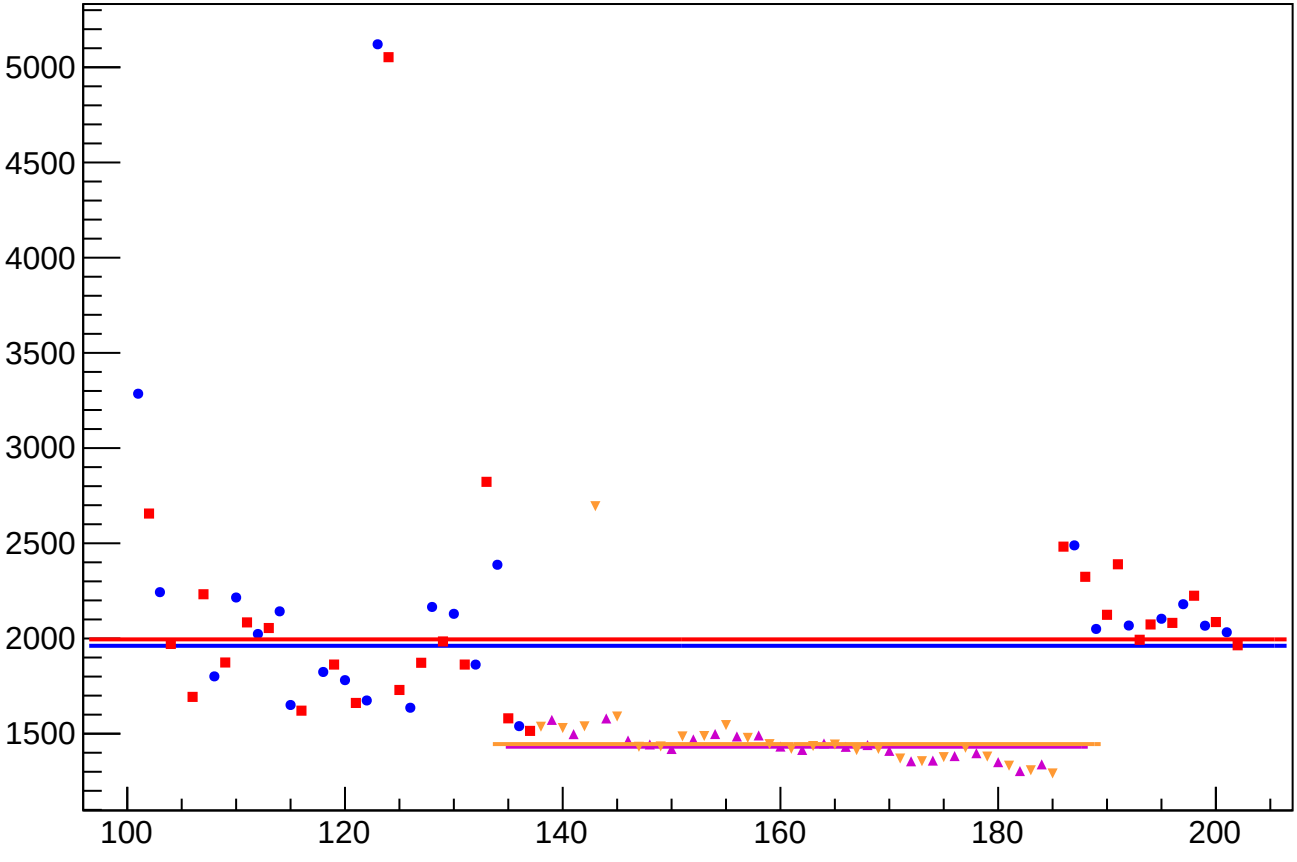
Left In: 137.780+/-342.262 χ^2/NDF:18.8/22

+ sign -879.036+/-295.606 χ^2/NDF: 55.3/48

All: -323.742+/-207.253 χ^2/NDF: 102.3/99

- sign 213.114+/-290.656 χ^2/NDF: 40.1/50

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1961.596+/-0.424 χ^2/NDF: 532399.1/23

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

Right Out: 1995.377+/-0.389 χ^2/NDF: 562916.9/27

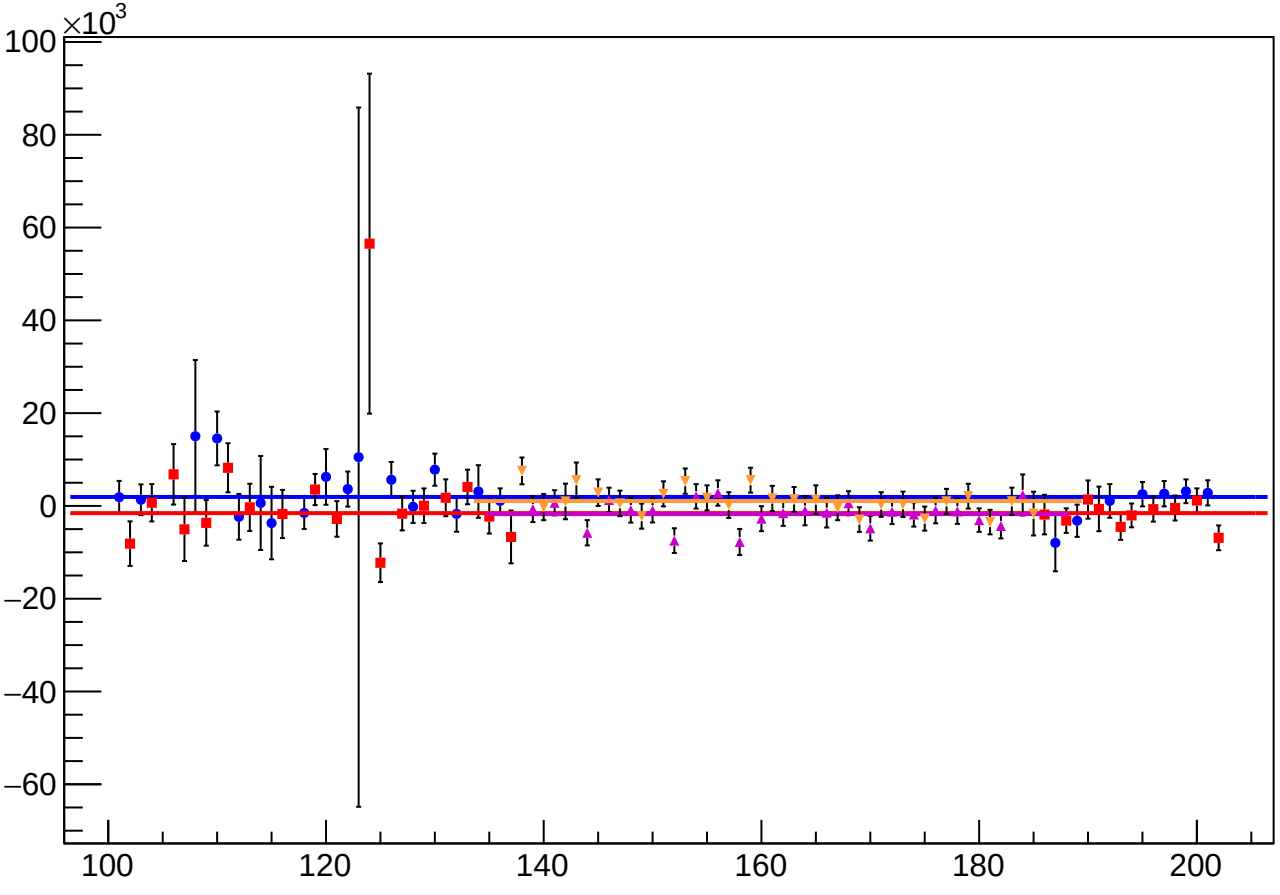
Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

+ sign 1570.856+/-0.209 χ^2/NDF: 2029080.6/48

All: 1580.000+/-0.147 χ^2/NDF: 4186289.8/99

- sign 1588.840+/-0.206 χ^2/NDF: 2153445.4/50

dit_asym_atl1_mean vs Slug



Right In: 1936.188+/-772.052 χ^2/NDF: 18.9/23

Left Out: 1057.276+/-566.243 χ^2/NDF:22.7/24

Right Out: -1550.761+/-698.550 χ^2/NDF: 30.7/27

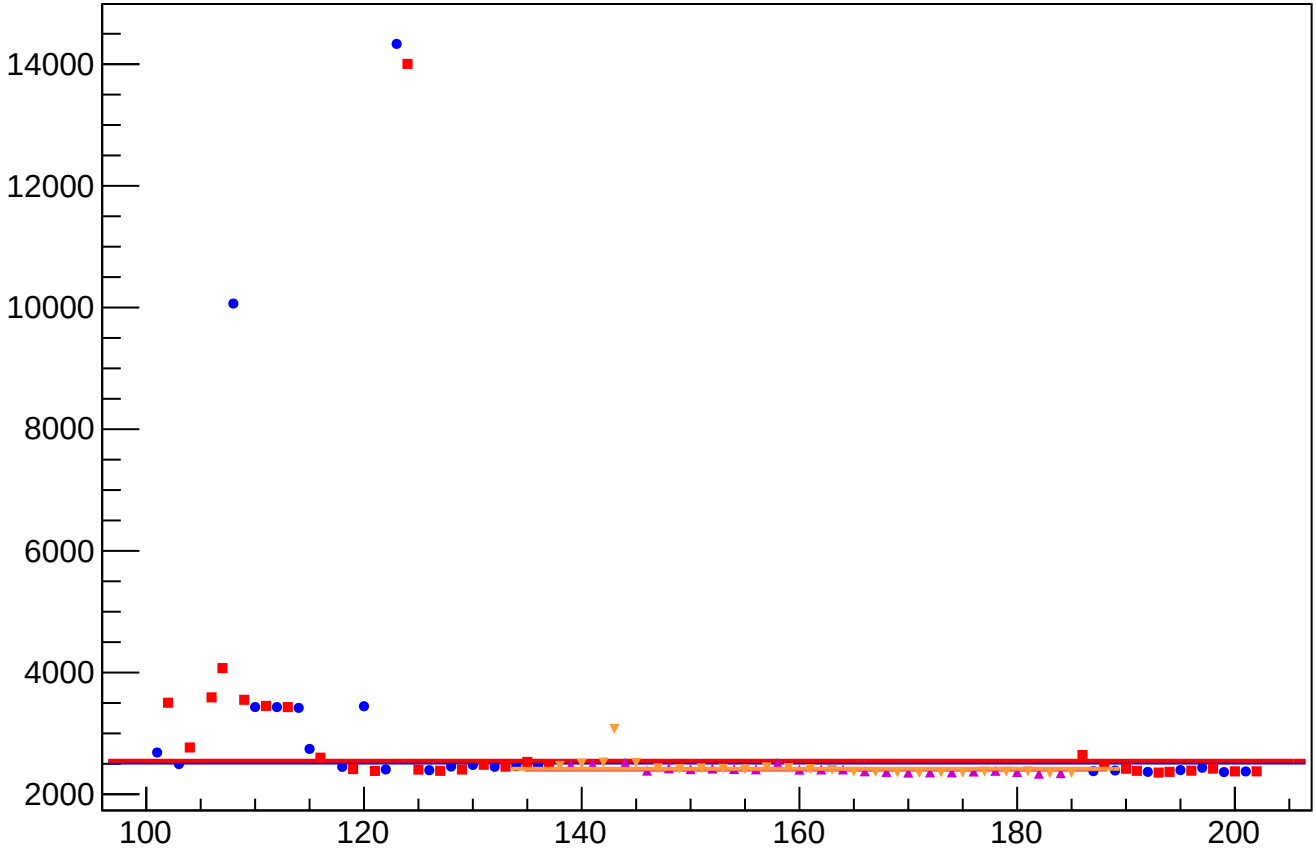
Left In: -1762.122+/-574.660 χ^2/NDF:23.2/22

+ sign 1364.692+/-456.601 χ^2/NDF: 42.4/48

All: -199.330+/-318.239 χ^2/NDF: 119.2/99

- sign -1676.815+/-443.789 χ^2/NDF: 54.0/50

dit_asym_atl1_rms vs Slug



Right In: 2520.570+/-0.546 χ^2/NDF: 692606.9/23

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

Right Out: 2550.183+/-0.494 χ^2/NDF: 706111.6/27

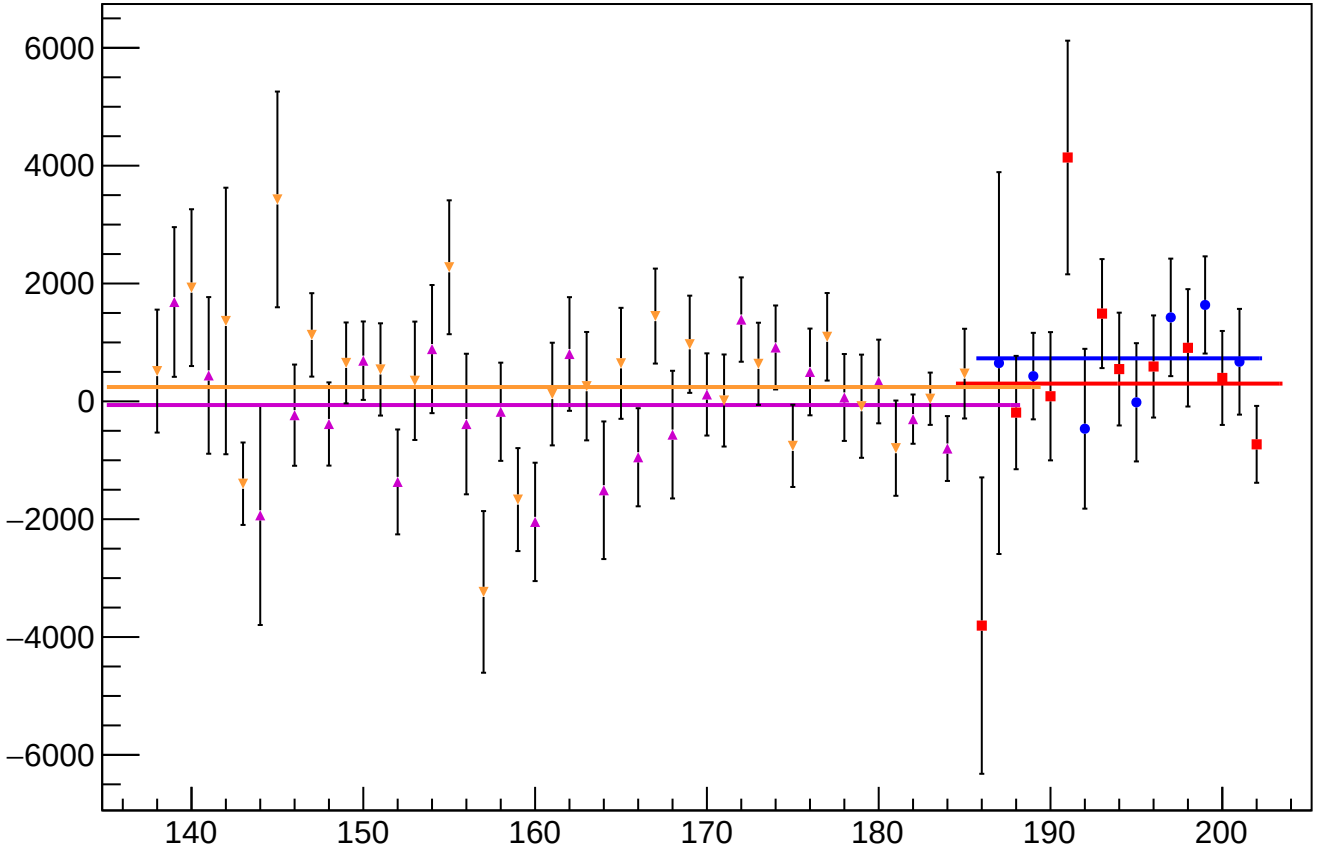
Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

+ sign 2454.508+/-0.323 χ^2/NDF: 789906.6/48

All: 2459.624+/-0.225 χ^2/NDF: 1562255.4/99

- sign 2464.458+/-0.314 χ^2/NDF: 771860.4/50

asym_atl1_correction_mean vs Slug



Right In: 730.189+/-372.554 χ^2/NDF: 3.2/6

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

Right Out: 301.208+/-303.460 χ^2/NDF: 11.4/9

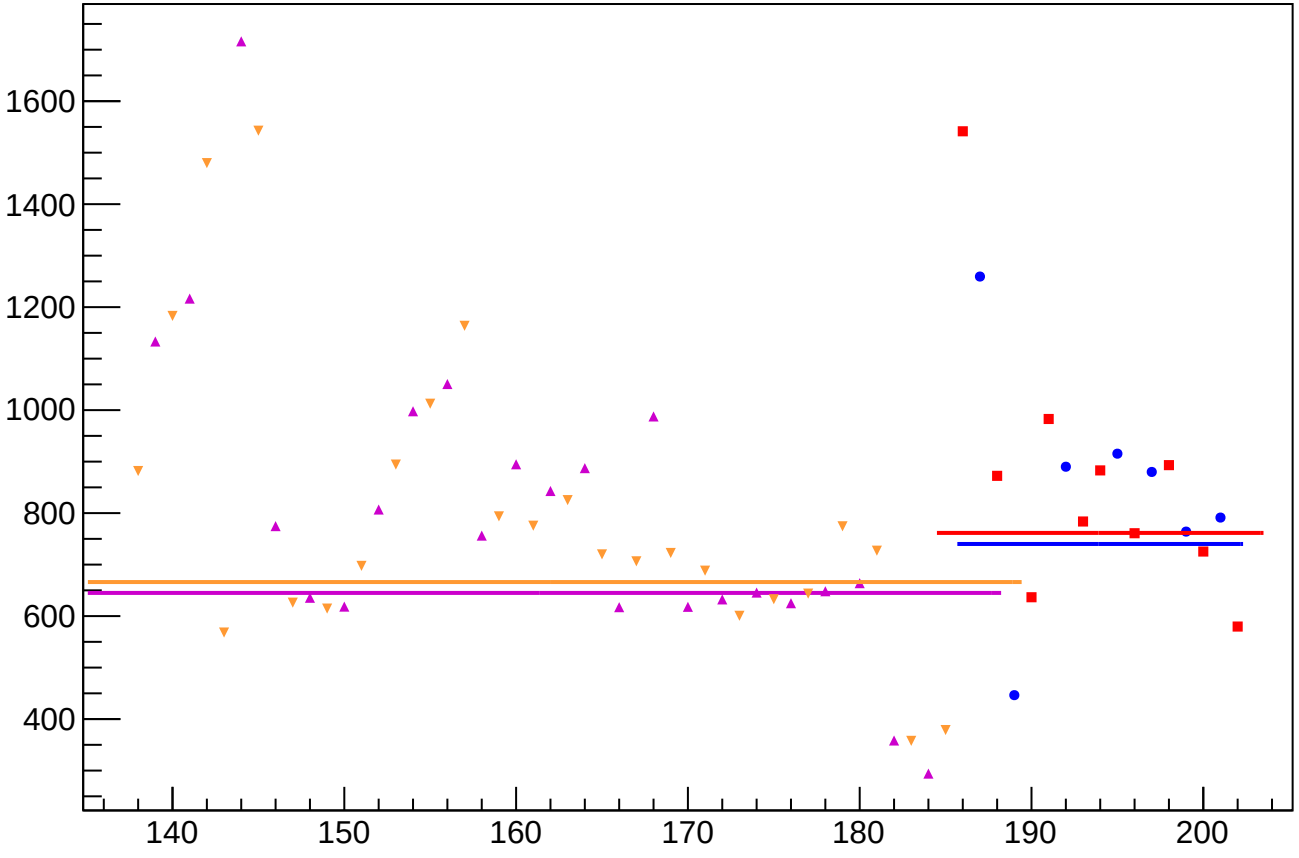
Left In: -62.569+/-164.169 χ^2/NDF:24.3/22

+ sign 322.148+/-150.055 χ^2/NDF: 40.6/31

All: 165.159+/-104.045 χ^2/NDF: 79.5/64

- sign 19.793+/-144.393 χ^2/NDF: 36.8/32

asym_atl1_correction_rms vs Slug



Right In: 740.060+/-0.263 χ^2/NDF: 504434.1/6

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

Right Out: 761.548+/-0.215 χ^2/NDF: 497895.0/9

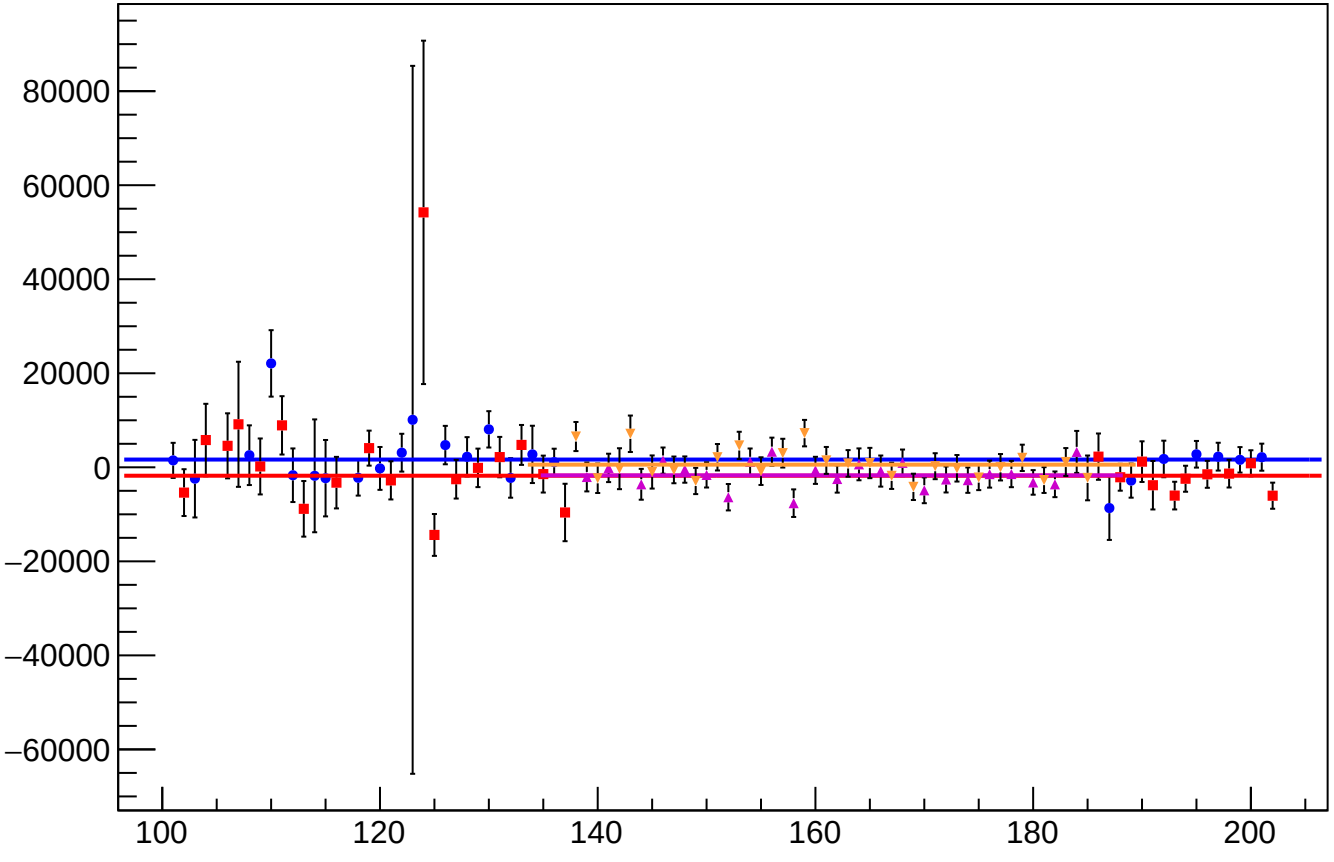
Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

+ sign 678.126+/-0.106 χ^2/NDF: 3760984.4/31

All: 674.632+/-0.074 χ^2/NDF: 8665435.5/64

- sign 671.396+/-0.102 χ^2/NDF: 4902362.5/32

asym_atl1_mean vs Slug



Right In: 1648.978+/-840.962 χ^2/NDF: 19.0/23

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

Right Out: -1790.306+/-766.622 χ^2/NDF: 32.3/27

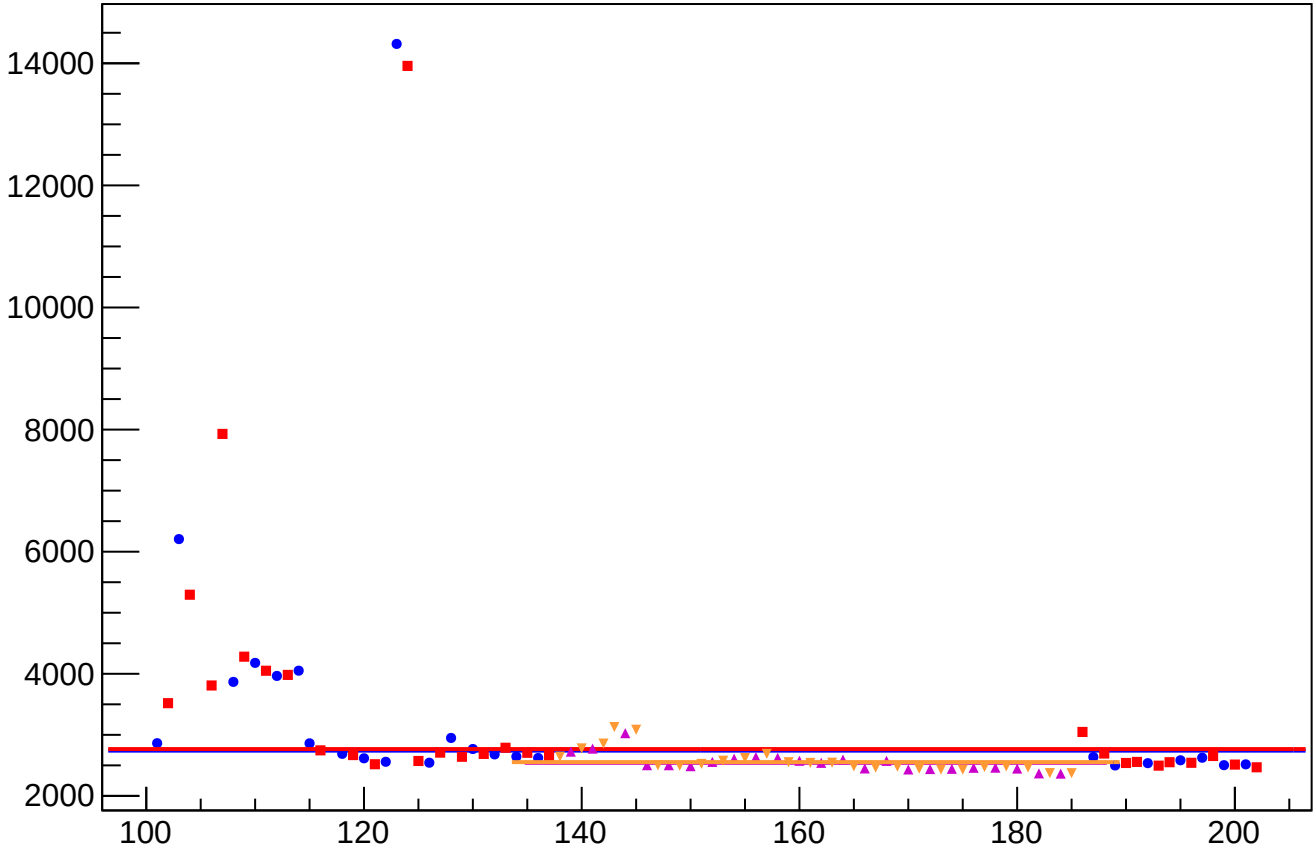
Left In: -1713.317+/-607.775 χ^2/NDF:18.1/22

+ sign 930.467+/-487.515 χ^2/NDF: 45.3/48

All: -437.493+/-340.677 χ^2/NDF: 111.1/99

- sign -1743.031+/-476.262 χ^2/NDF: 50.4/50

asym_atl1_rms vs Slug



Right In: 2741.550+/-0.595 χ^2/NDF: 736537.1/23

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

Right Out: 2767.111+/-0.542 χ^2/NDF: 1212231.0/27

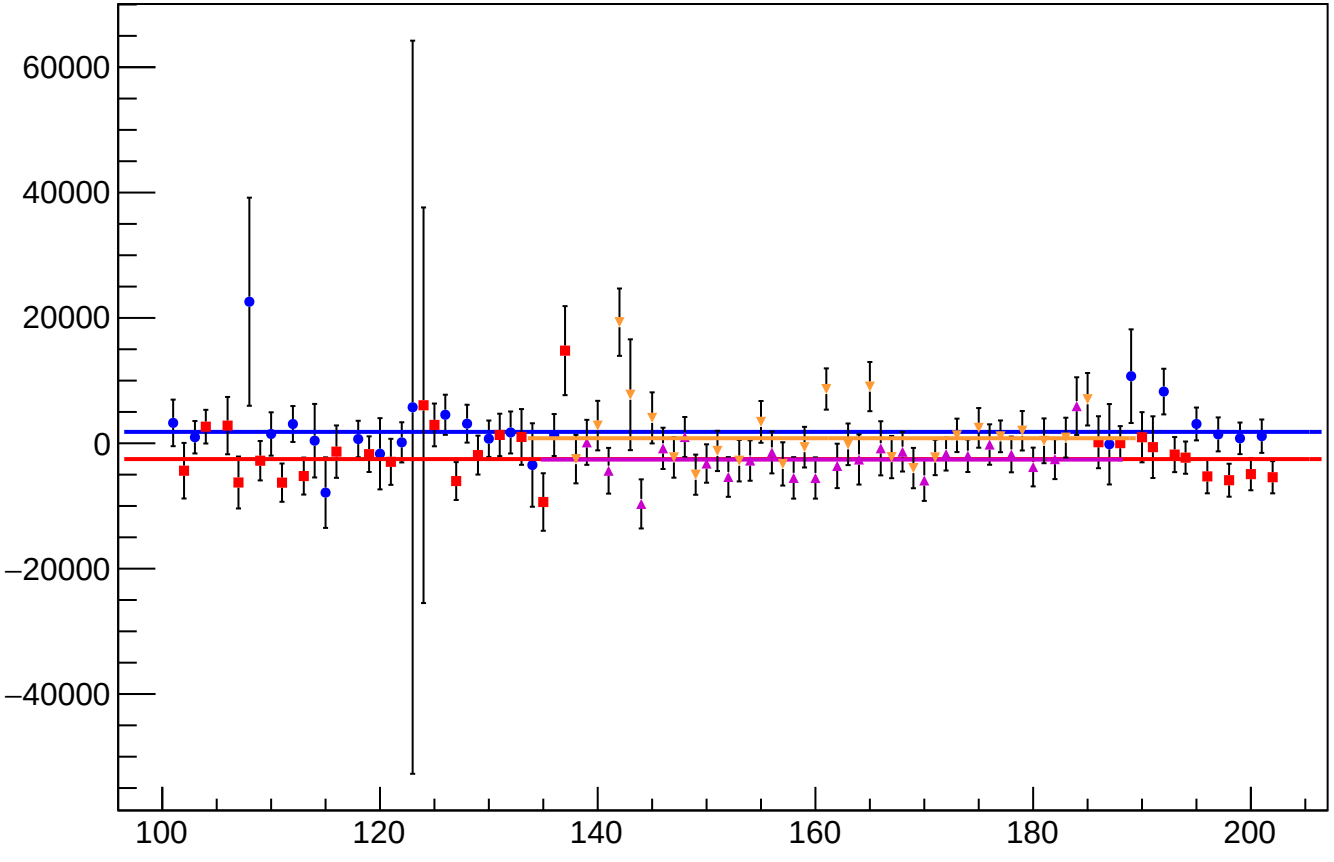
Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

+ sign 2616.429+/-0.345 χ^2/NDF: 951650.0/48

All: 2622.785+/-0.241 χ^2/NDF: 2367724.0/99

- sign 2628.850+/-0.337 χ^2/NDF: 1415409.7/50

dit_asym_atl2_mean vs Slug



Right In: 1820.508+/-713.637 χ^2/NDF: 12.7/23

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

Right Out: -2520.006+/-627.479 χ^2/NDF: 29.8/27

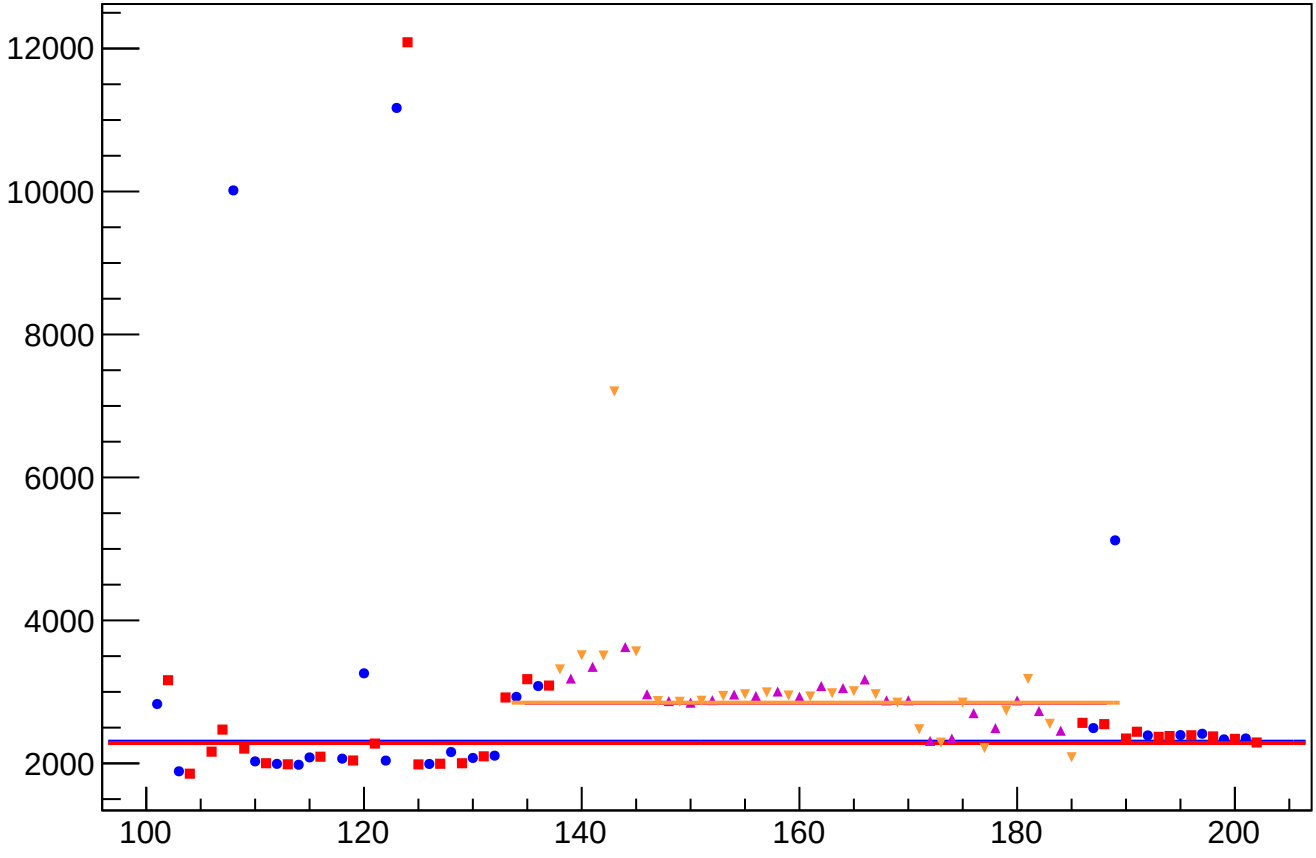
Left In: -2595.551+/-683.824 χ^2/NDF:14.0/22

+ sign 1287.611+/-491.348 χ^2/NDF: 52.9/48

All: -750.251+/-336.710 χ^2/NDF: 129.1/99

- sign -2554.539+/-462.333 χ^2/NDF: 43.8/50

dit_asym_atl2_rms vs Slug



Right In: 2303.543+/-0.505 χ^2/NDF: 1160523.5/23

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

Right Out: 2284.704+/-0.444 χ^2/NDF: 627025.2/27

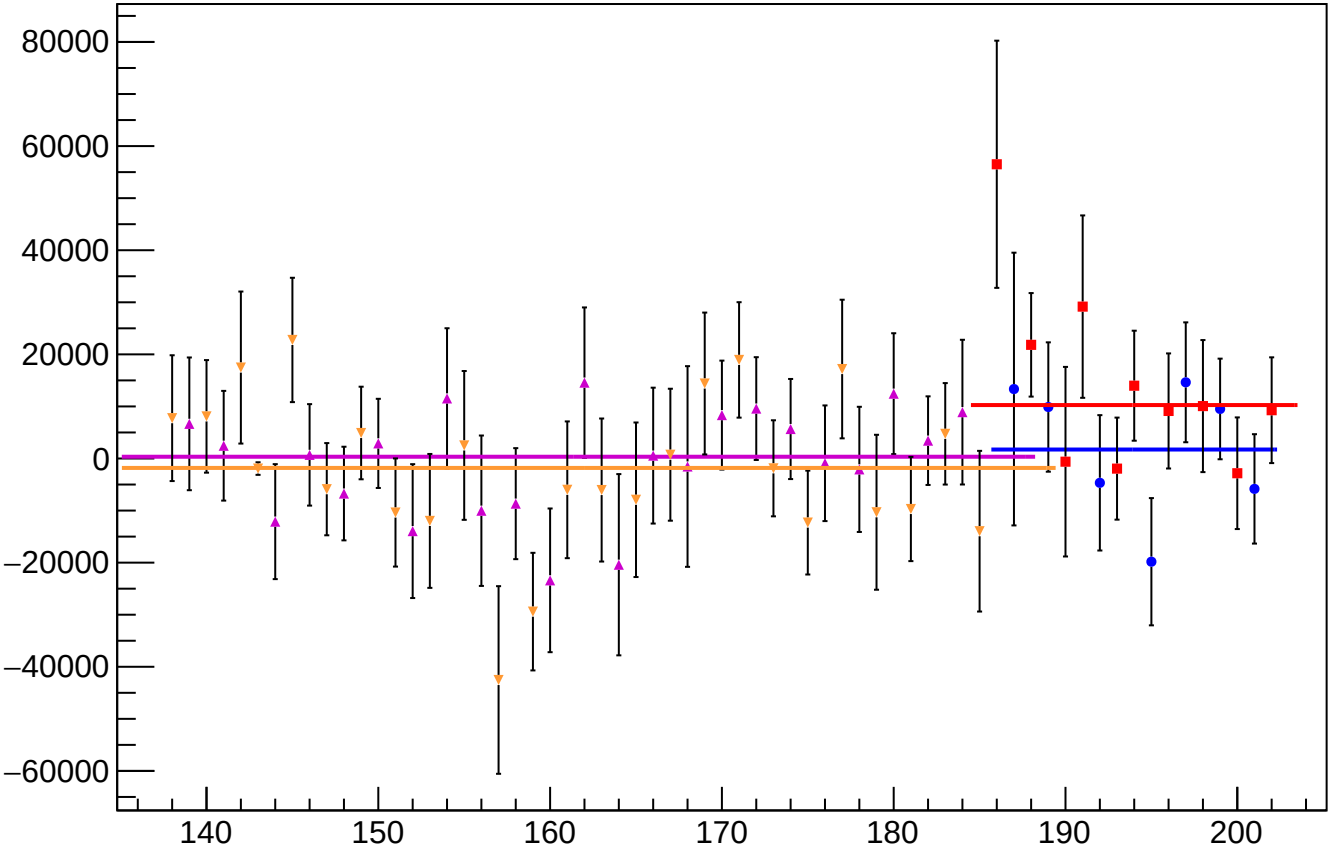
Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

+ sign 2590.560+/-0.347 χ^2/NDF: 2810103.8/48

All: 2564.062+/-0.238 χ^2/NDF: 4560490.6/99

- sign 2540.610+/-0.327 χ^2/NDF: 1739421.9/50

asym_atl2_correction_mean vs Slug



Right In: 1724.331+/-4570.249 χ^2/NDF: 6.4/6

Left Out: -1810.593+/-1078.173 χ^2/NDF:31.2/24

Right Out: 10264.516+/-3770.158 χ^2/NDF: 9.9/9

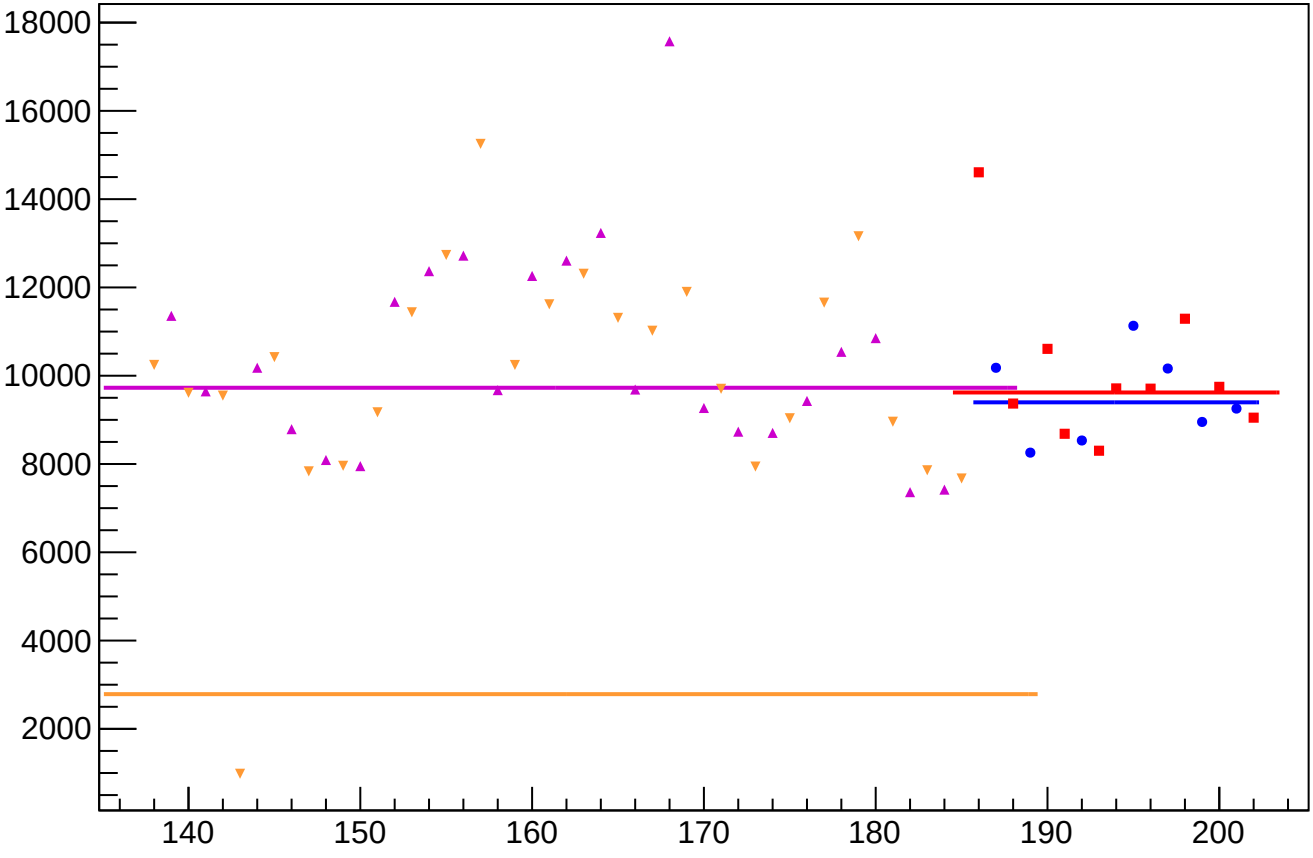
Left In: 339.260+/-2365.986 χ^2/NDF:14.2/22

+ sign -1624.232+/-1049.367 χ^2/NDF: 38.2/31

All: -598.265+/-929.634 χ^2/NDF: 71.7/64

- sign 3143.649+/-2004.046 χ^2/NDF: 29.0/32

asym_atl2_correction_rms vs Slug



Right In: 9397.010+/-3.232 χ^2/NDF: 81197.8/6

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

Right Out: 9620.506+/-2.666 χ^2/NDF: 179045.3/9

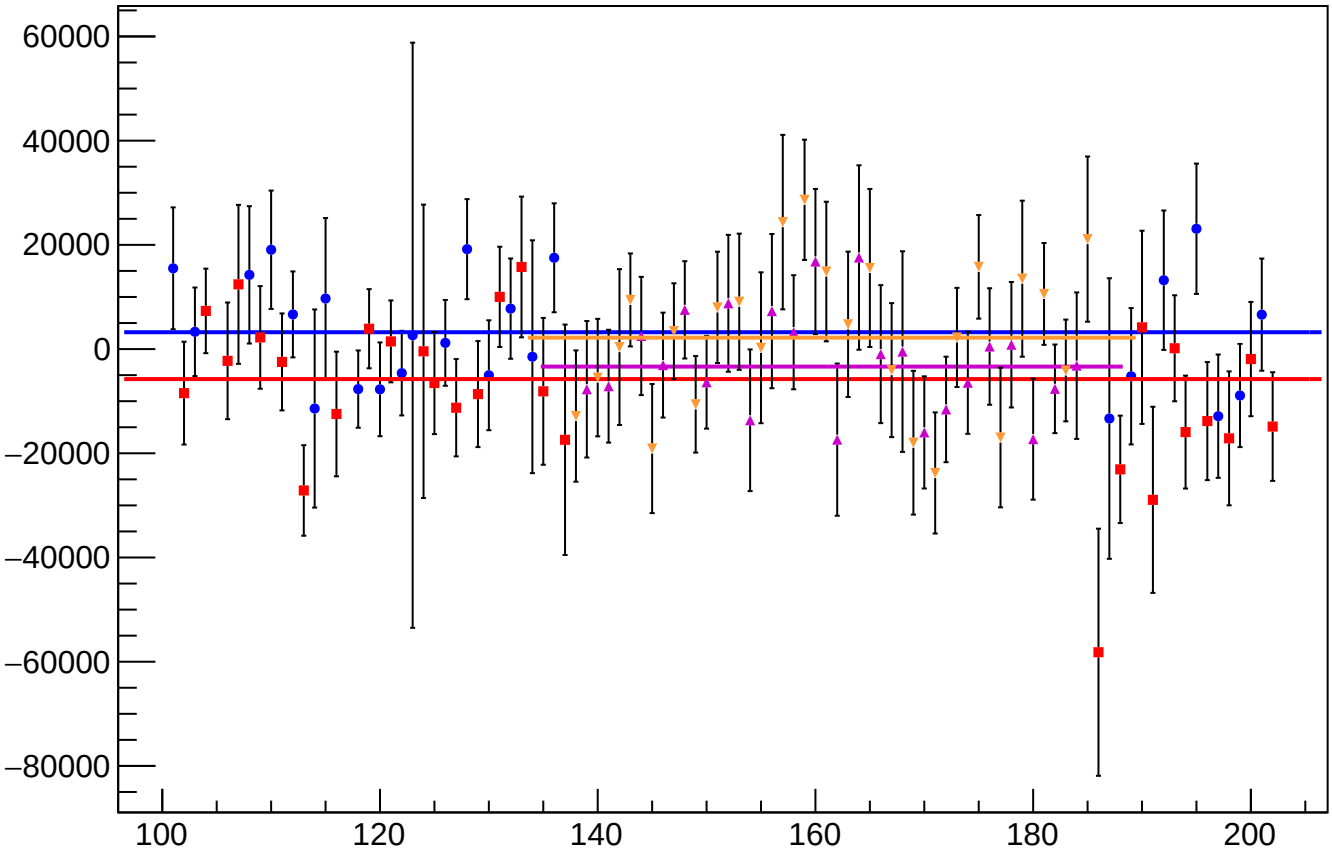
Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

+ sign 3134.969+/-0.742 χ^2/NDF: 26907968.5/31

All: 4547.027+/-0.657 χ^2/NDF: 45179091.7/6

- sign 9697.093+/-1.417 χ^2/NDF: 1441602.3/32

asym_atl2_mean vs Slug



Right In: 3235.244+/-2213.706 χ^2/NDF: 22.2/23

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

Right Out: -5758.216+/-2057.011 χ^2/NDF: 32.9/27

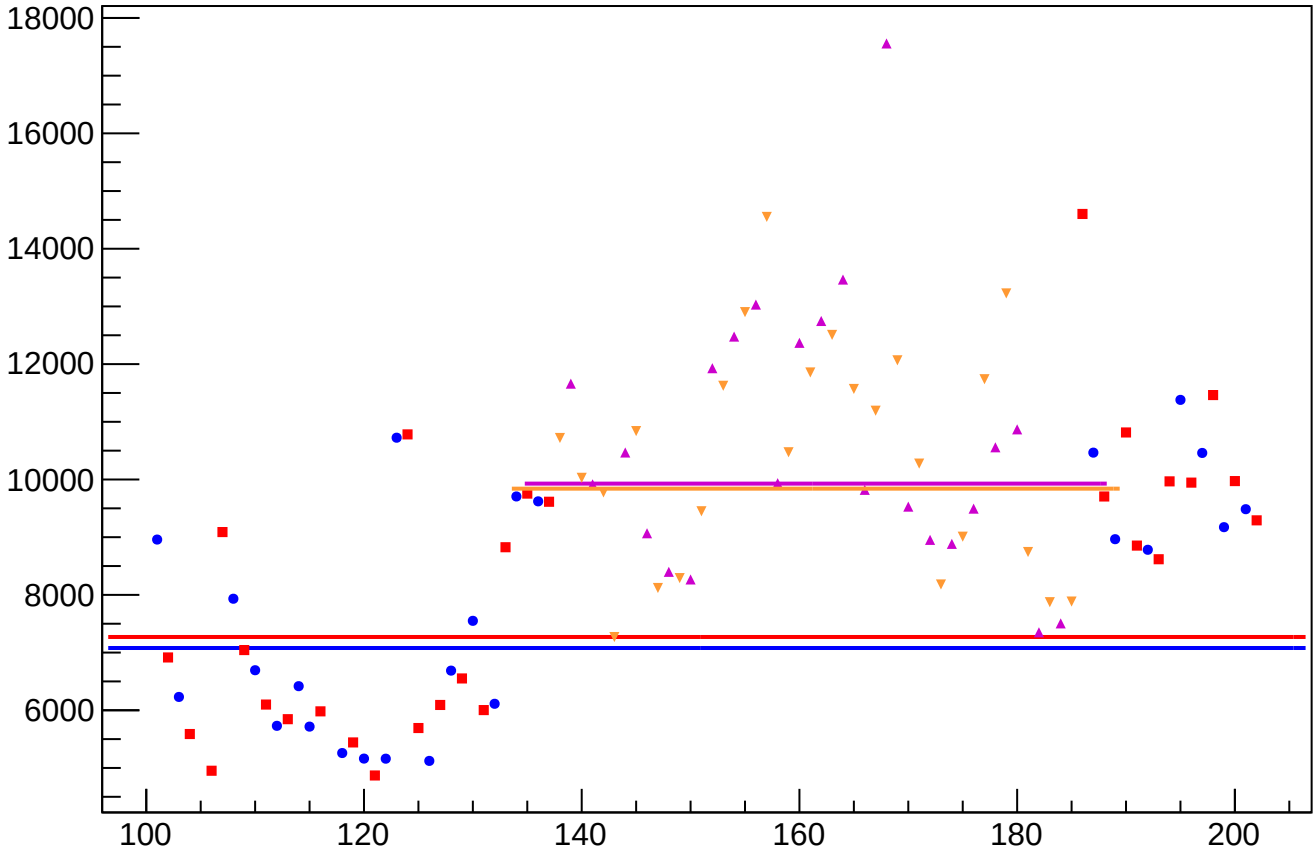
Left In: -3362.489+/-2413.842 χ^2/NDF:12.8/22

+ sign 2744.295+/-1610.260 χ^2/NDF: 53.4/48

All: -1108.311+/-1122.517 χ^2/NDF: 110.9/99

- sign -4750.351+/-1565.637 χ^2/NDF: 46.3/50

asym_atl2_rms vs Slug



Right In: 7079.245+/-1.565 χ^2/NDF: 1466613.3/23

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

Right Out: 7270.260+/-1.454 χ^2/NDF: 1957783.5/27

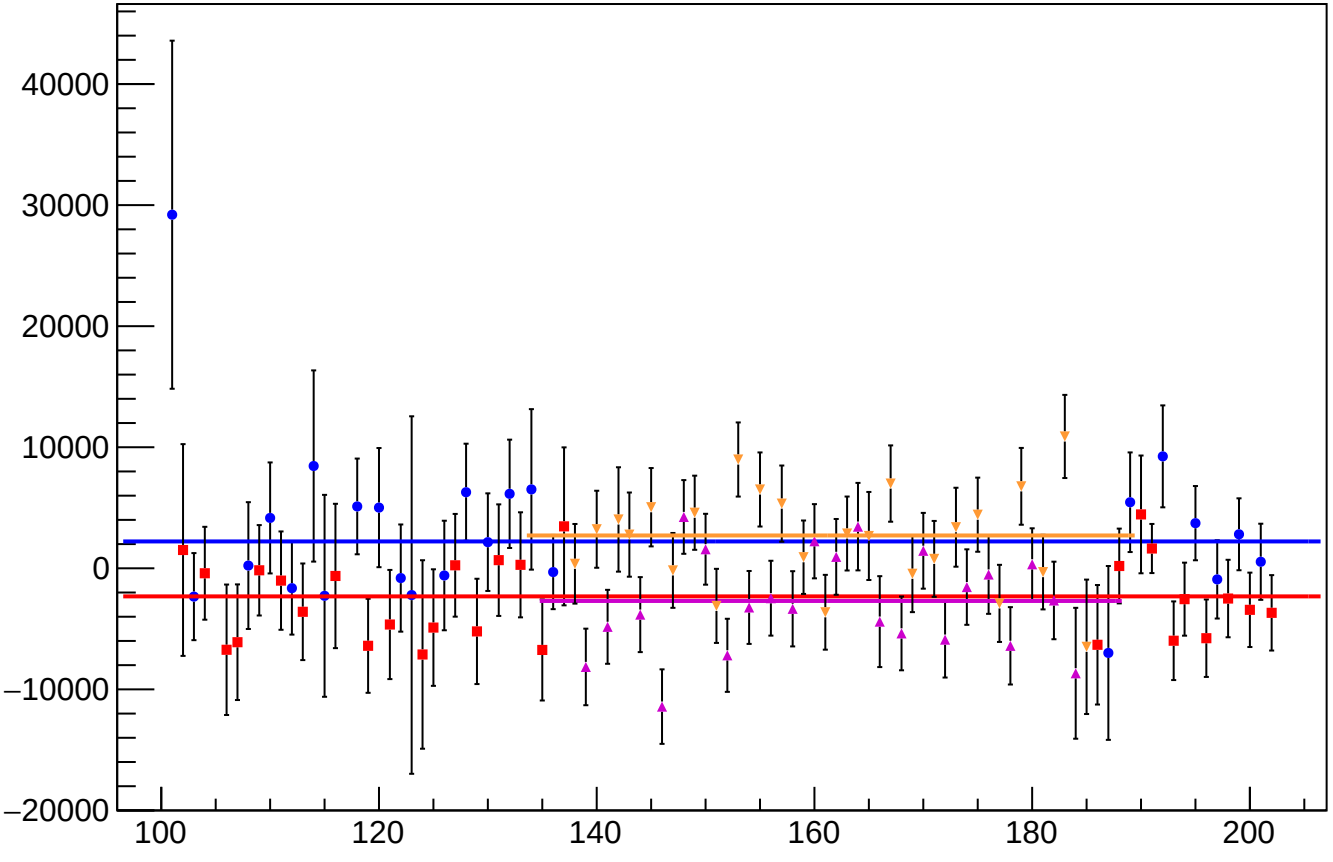
Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

+ sign 8379.809+/-1.139 χ^2/NDF: 4117419.5/48

All: 8384.321+/-0.794 χ^2/NDF: 8701358.0/99

- sign 8388.586+/-1.107 χ^2/NDF: 4583907.9/50

dit_asym_atr1_mean vs Slug



Right In: 2219.653+/-867.533 χ^2/NDF: 18.6/23

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

Right Out: -2319.524+/-727.911 χ^2/NDF: 17.7/27

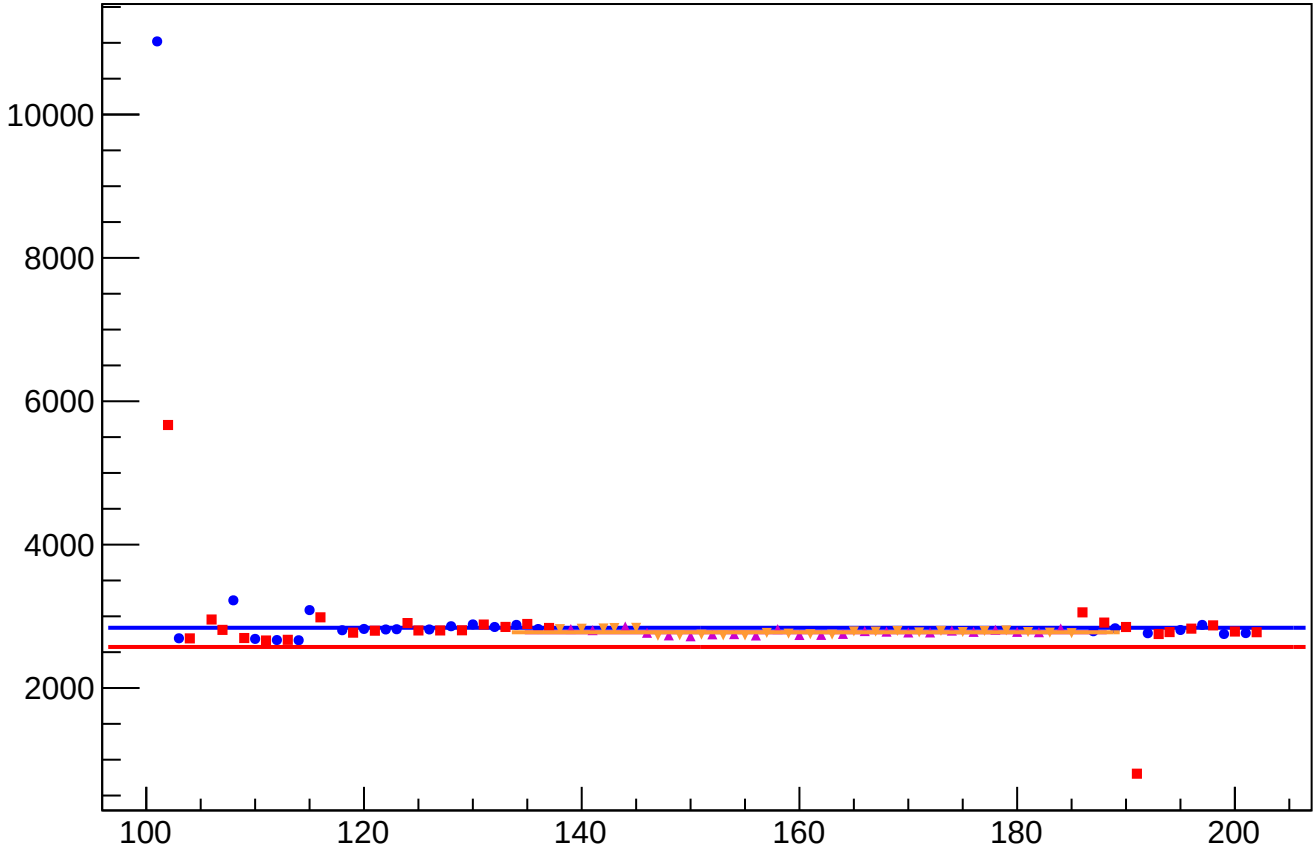
Left In: -2697.794+/-662.544 χ^2/NDF:36.1/22

+ sign 2535.751+/-519.588 χ^2/NDF: 53.6/48

All: -143.695+/-356.473 χ^2/NDF: 157.7/99

- sign -2526.403+/-489.972 χ^2/NDF: 53.9/50

dit_asym_atr1_rms vs Slug



Right In: 2840.304+/-0.613 χ^2/NDF: 675271.0/23

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

Right Out: 2572.477+/-0.515 χ^2/NDF: 1977643.6/27

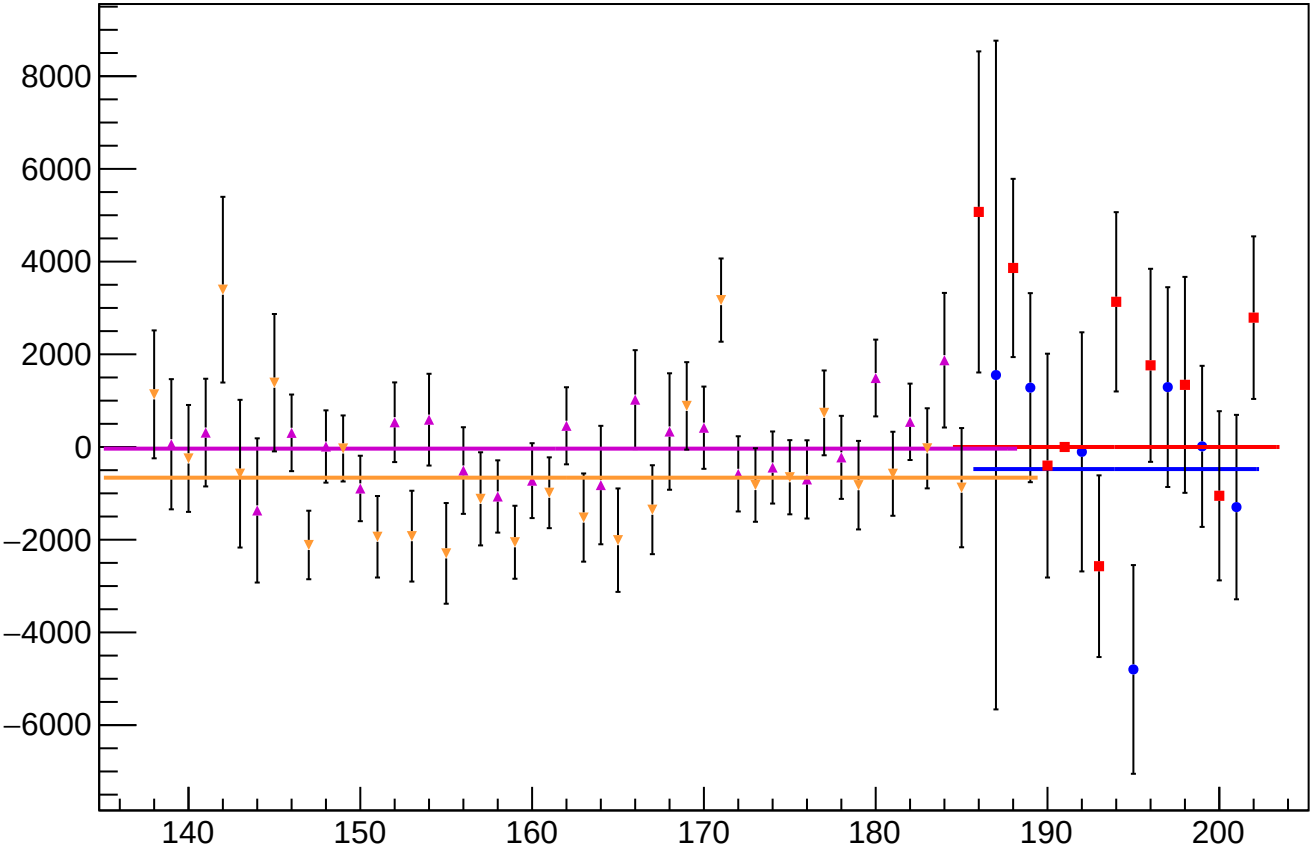
Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

+ sign 2799.997+/-0.367 χ^2/NDF: 687256.5/48

All: 2738.877+/-0.252 χ^2/NDF: 2809323.9/99

- sign 2684.526+/-0.346 χ^2/NDF: 2069784.2/50

asym_atr1_correction_mean vs Slug



Right In: -476.033+/-843.260 χ^2/NDF: 5.5/6

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

Right Out: 0.292+/-4.105 χ^2/NDF: 14.5/9

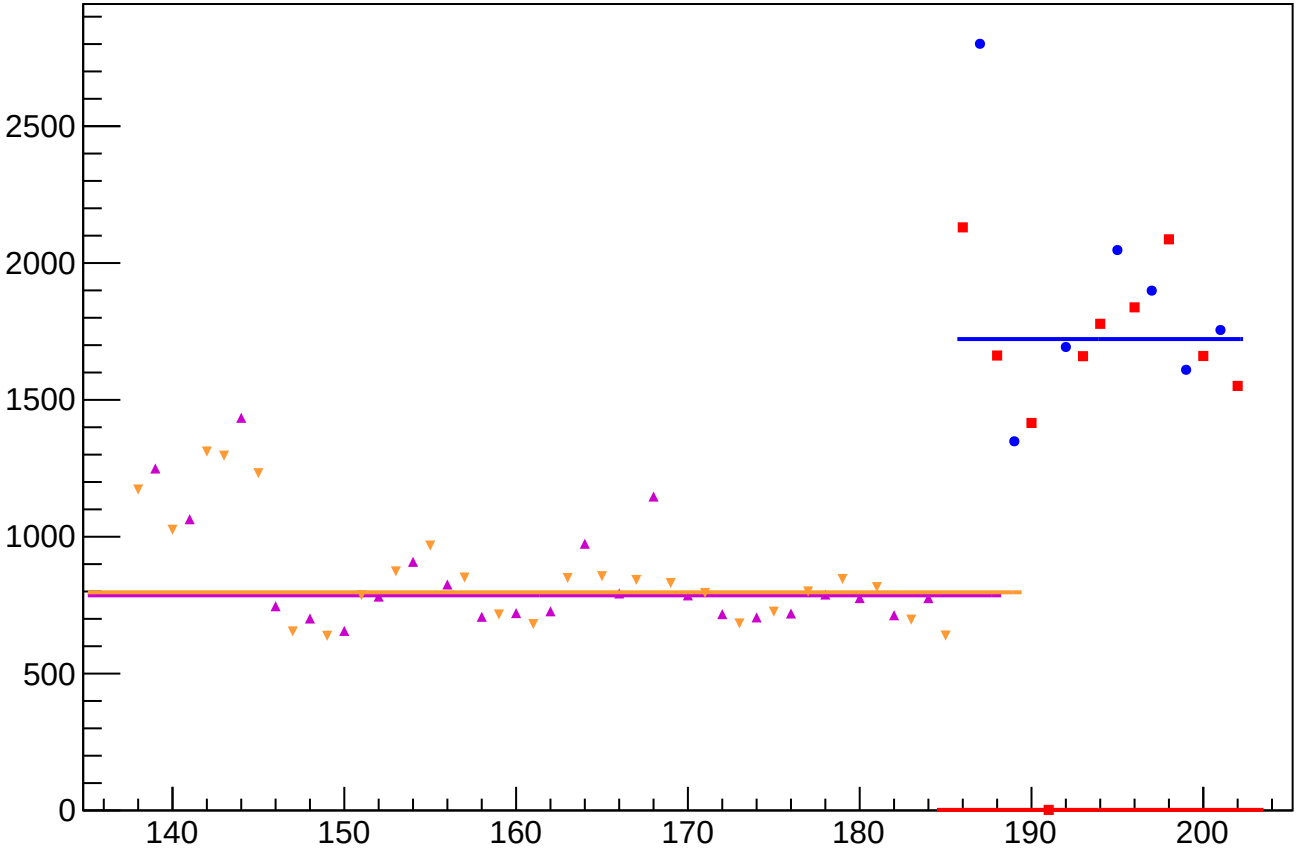
Left In: -35.366+/-190.553 χ^2/NDF:15.1/22

+ sign -652.766+/-185.559 χ^2/NDF: 54.2/31

All: -0.044+/-4.103 χ^2/NDF: 96.2/64

- sign 0.275+/-4.104 χ^2/NDF: 29.6/32

asym_atr1_correction_rms vs Slug



Right In: 1722.220+/-0.596 χ^2/NDF: 176187.1/6

Left Out: 796.994+/-0.135 χ^2/NDF:1174879.0/24

Right Out: 2.097+/-0.003 χ^2/NDF: 12415752.9/9

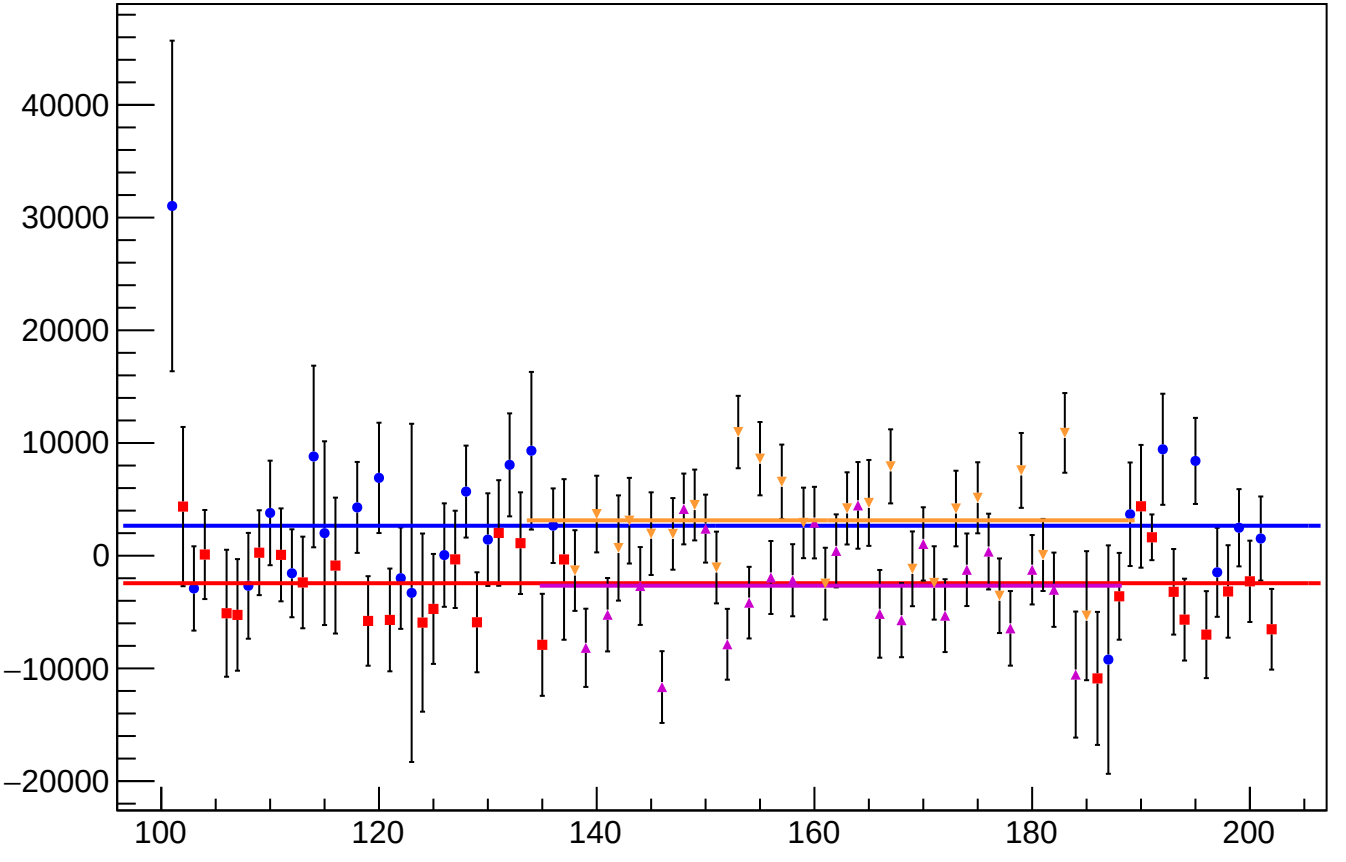
Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

+ sign 841.795+/-0.131 χ^2/NDF: 3642184.3/31

All: 2.872+/-0.003 χ^2/NDF: 91908884.8/64

- sign 2.461+/-0.003 χ^2/NDF: 47366946.2/32

asym_atr1_mean vs Slug



Right In: 2658.038+/-938.385 χ^2/NDF: 21.2/23

Left Out: 3139.358+/-680.222 χ^2/NDF:38.3/24

Right Out: -2440.162+/-787.979 χ^2/NDF: 19.7/27

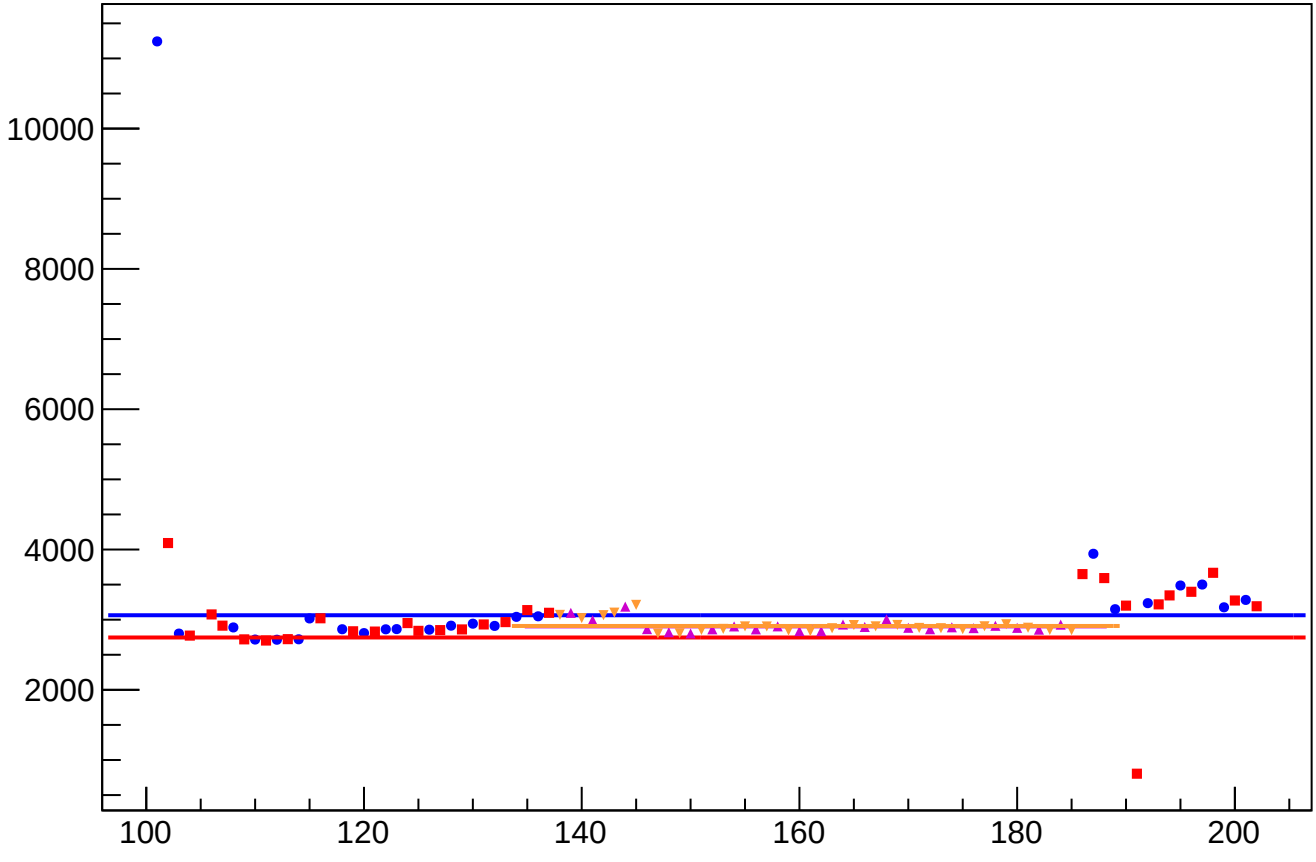
Left In: -2659.828+/-693.121 χ^2/NDF:36.9/22

+ sign 2973.562+/-550.745 χ^2/NDF: 59.7/48

All: 48.208+/-378.264 χ^2/NDF: 169.8/99

- sign -2564.006+/-520.434 χ^2/NDF: 56.7/50

asym_atr1_rms vs Slug



Right In: 3063.275+/-0.664 χ^2/NDF: 767049.1/23

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

Right Out: 2746.235+/-0.557 χ^2/NDF: 2426296.9/27

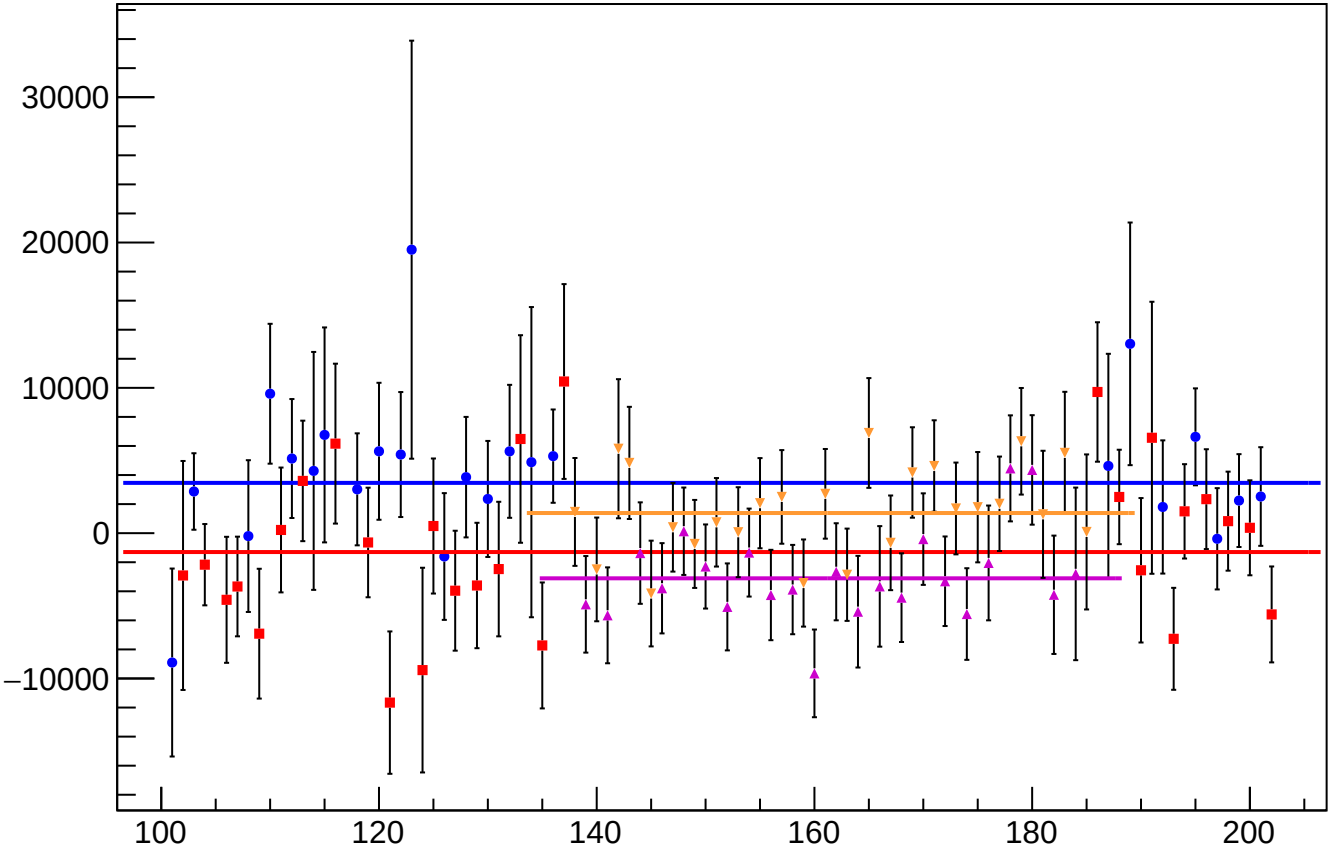
Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

+ sign 2963.034+/-0.389 χ^2/NDF: 837944.0/48

All: 2895.641+/-0.267 χ^2/NDF: 3396839.9/99

- sign 2835.461+/-0.368 χ^2/NDF: 2502206.2/50

dit_asym_atr2_mean vs Slug



Right In: 3460.601+/-885.574 χ^2/NDF: 13.7/23

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

Right Out: -1299.272+/-782.557 χ^2/NDF: 33.8/27

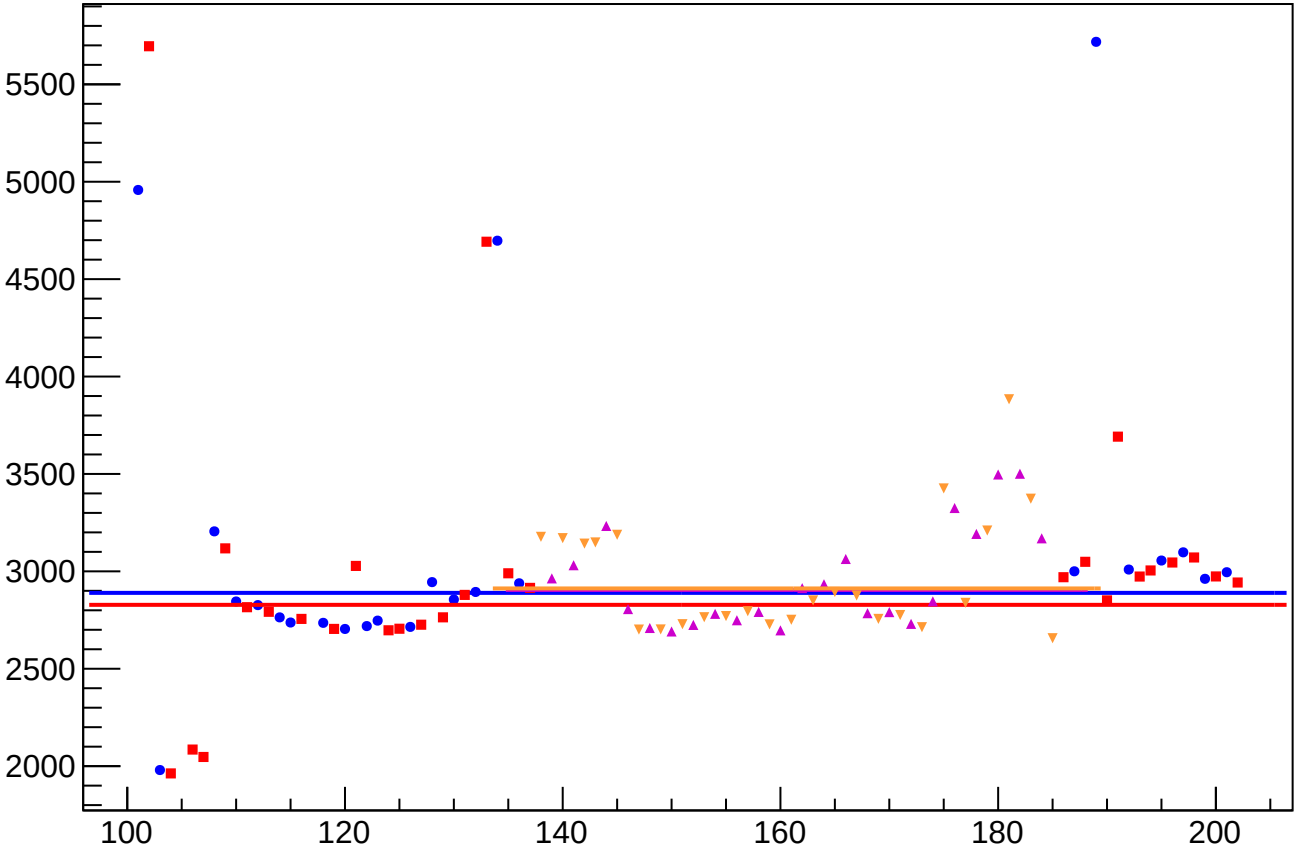
Left In: -3106.878+/-695.685 χ^2/NDF:18.4/22

+ sign 2162.282+/-541.650 χ^2/NDF: 35.1/48

All: -164.749+/-375.092 χ^2/NDF: 125.8/99

- sign -2308.937+/-519.935 χ^2/NDF: 55.2/50

dit_asym_atr2_rms vs Slug



Right In: 2889.533+/-0.626 χ^2/NDF: 770291.2/23

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

Right Out: 2828.045+/-0.553 χ^2/NDF: 839157.6/27

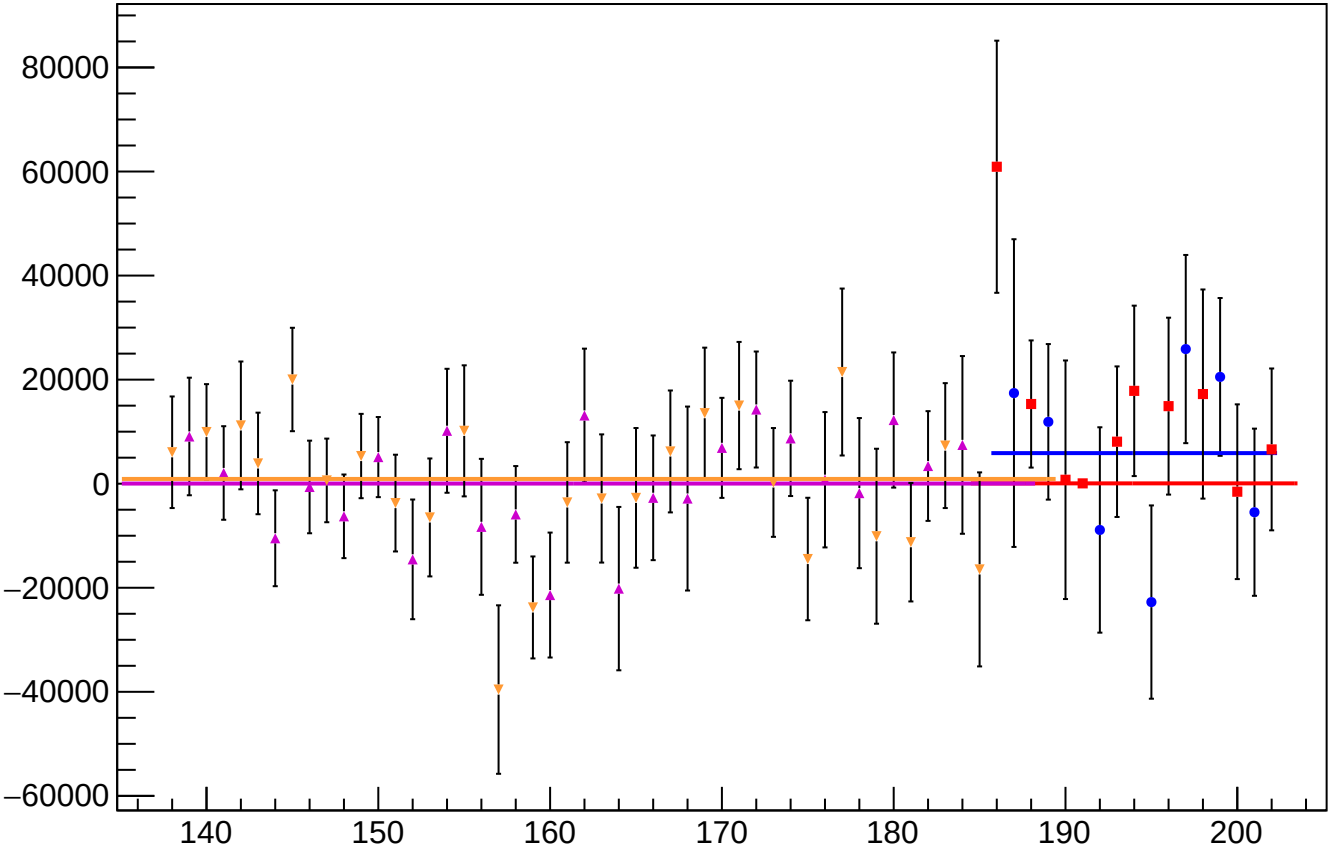
Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

+ sign 2903.727+/-0.383 χ^2/NDF: 1062020.5/48

All: 2886.551+/-0.265 χ^2/NDF: 2133278.2/99

- sign 2870.727+/-0.368 χ^2/NDF: 1067393.9/50

asym_atr2_correction_mean vs Slug



Right In: 5878.421+/-6686.965 χ^2/NDF: 5.9/6

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: 63.037+/-29.129 χ^2/NDF: 11.0/9

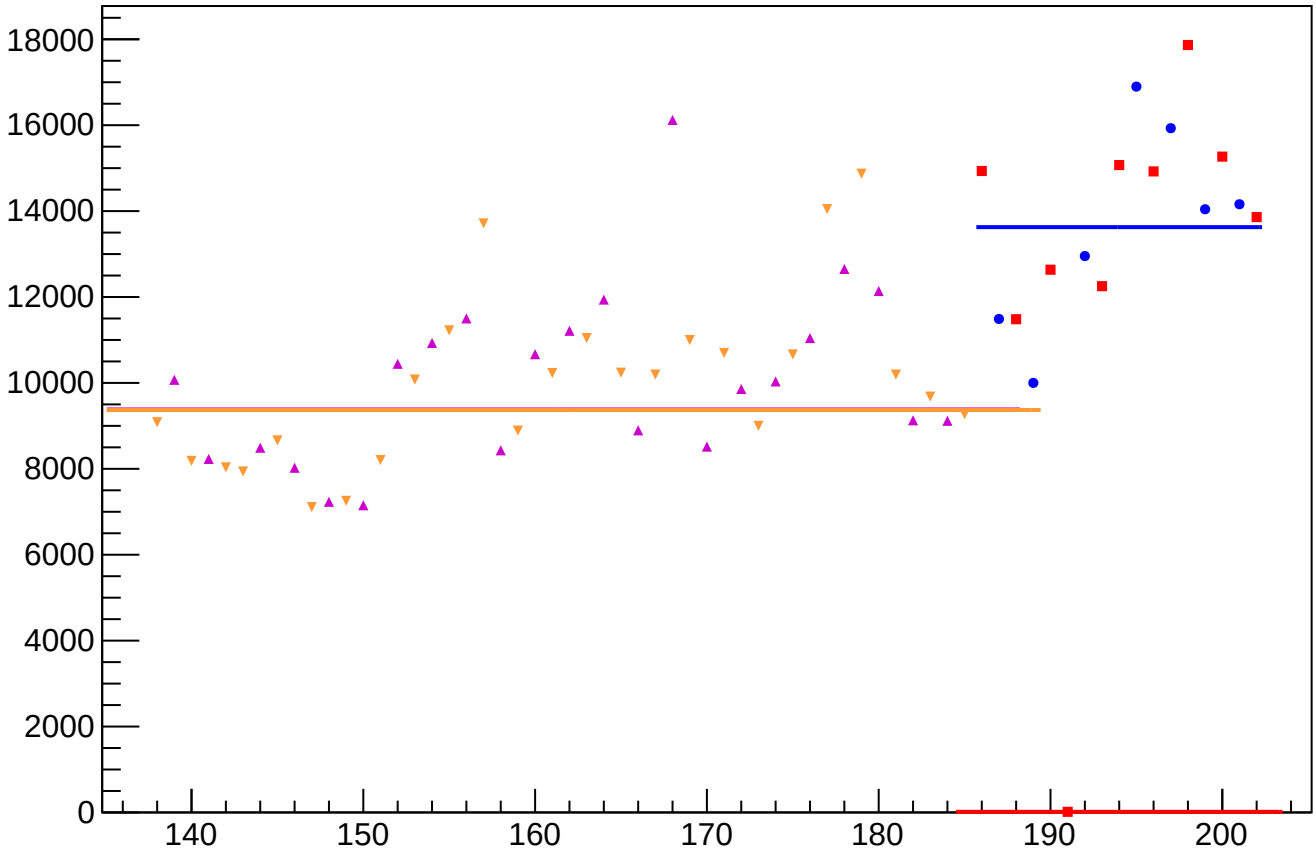
Left In: 25.729+/-2280.428 χ^2/NDF:16.1/22

+ sign 1416.250+/-2122.944 χ^2/NDF: 35.1/31

All: 63.286+/-29.124 χ^2/NDF: 62.7/64

- sign 63.031+/-29.127 χ^2/NDF: 27.1/32

asym_atr2_correction_rms vs Slug



Right In: 13626.843+/-4.728 χ^2/NDF: 228637.9/6

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.818+/-0.021 χ^2/NDF: 12597762.0/9

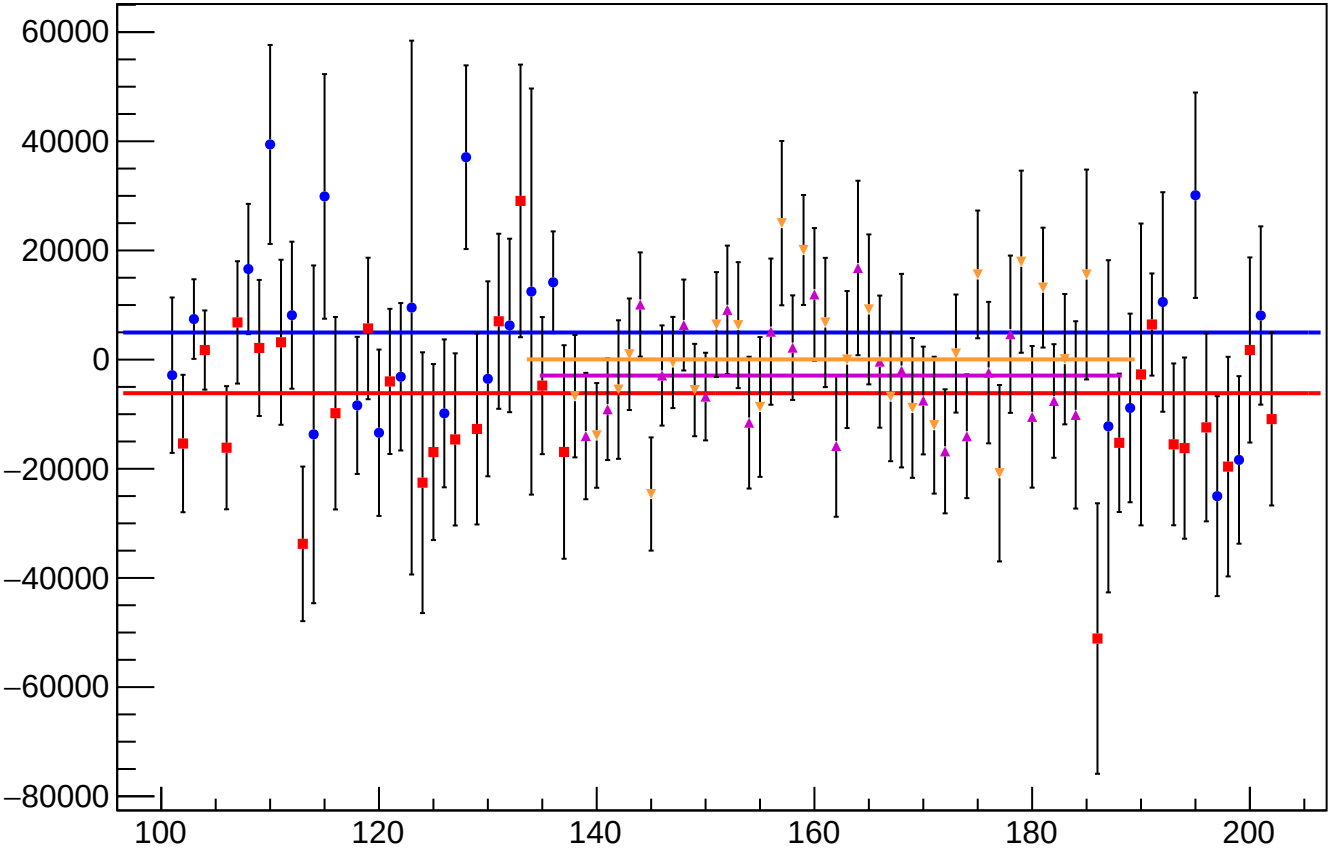
Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

+ sign 9798.180+/-1.501 χ^2/NDF: 2140780.5/31

All: 18.187+/-0.021 χ^2/NDF: 92142721.3/64

- sign 16.346+/-0.021 χ^2/NDF: 47548600.9/32

asym_atr2_mean vs Slug



Right In: 4968.854+/-3044.813 χ^2/NDF: 23.5/23

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: -6148.629+/-2661.491 χ^2/NDF: 21.0/27

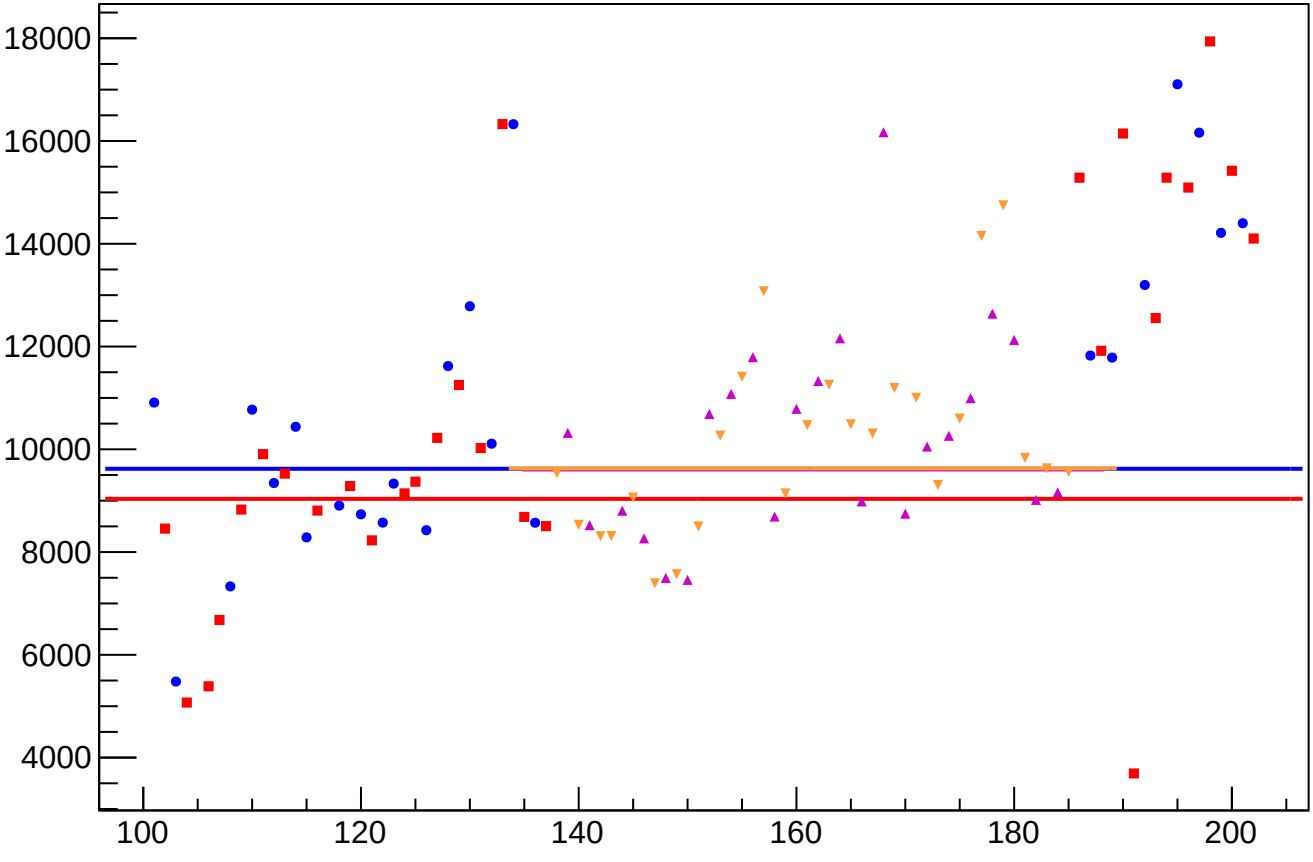
Left In: -2925.533+/-2330.587 χ^2/NDF:14.6/22

+ sign 1823.684+/-1830.597 χ^2/NDF: 51.0/48

All: -1382.770+/-1266.239 χ^2/NDF: 93.3/99

- sign -4324.369+/-1753.363 χ^2/NDF: 36.4/50

asym_atr2_rms vs Slug



Right In: 9620.984+/-2.153 χ^2/NDF: 2003238.2/23

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 9035.796+/-1.882 χ^2/NDF: 3682639.0/27

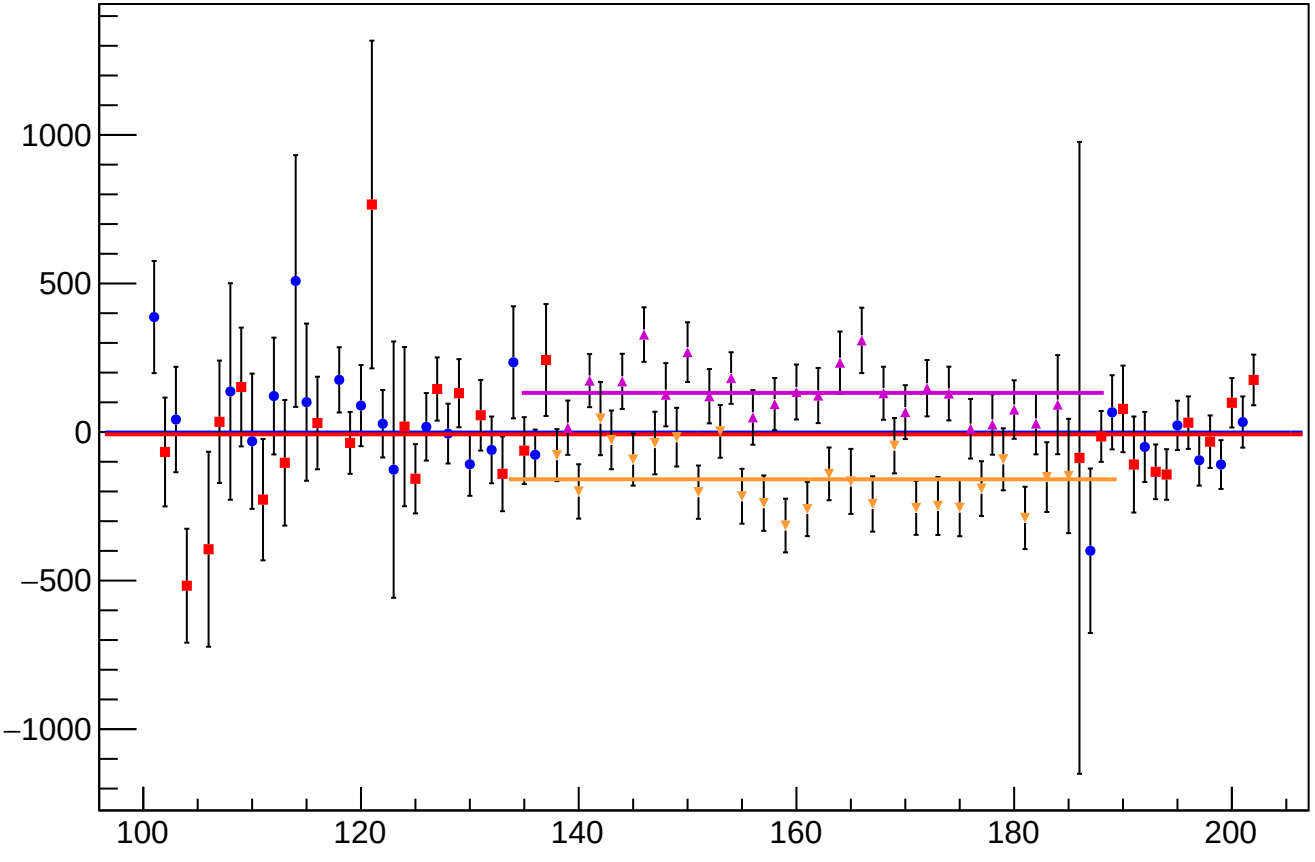
Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

+ sign 9625.352+/-1.294 χ^2/NDF: 3007886.4/48

All: 9486.645+/-0.895 χ^2/NDF: 7850251.1/99

- sign 9359.399+/-1.240 χ^2/NDF: 4820348.3/50

dit_asym_sam1_mean vs Slug



Right In: -1.807+/-25.170 χ^2/NDF: 19.0/23

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: -7.661+/-23.518 χ^2/NDF: 32.9/27

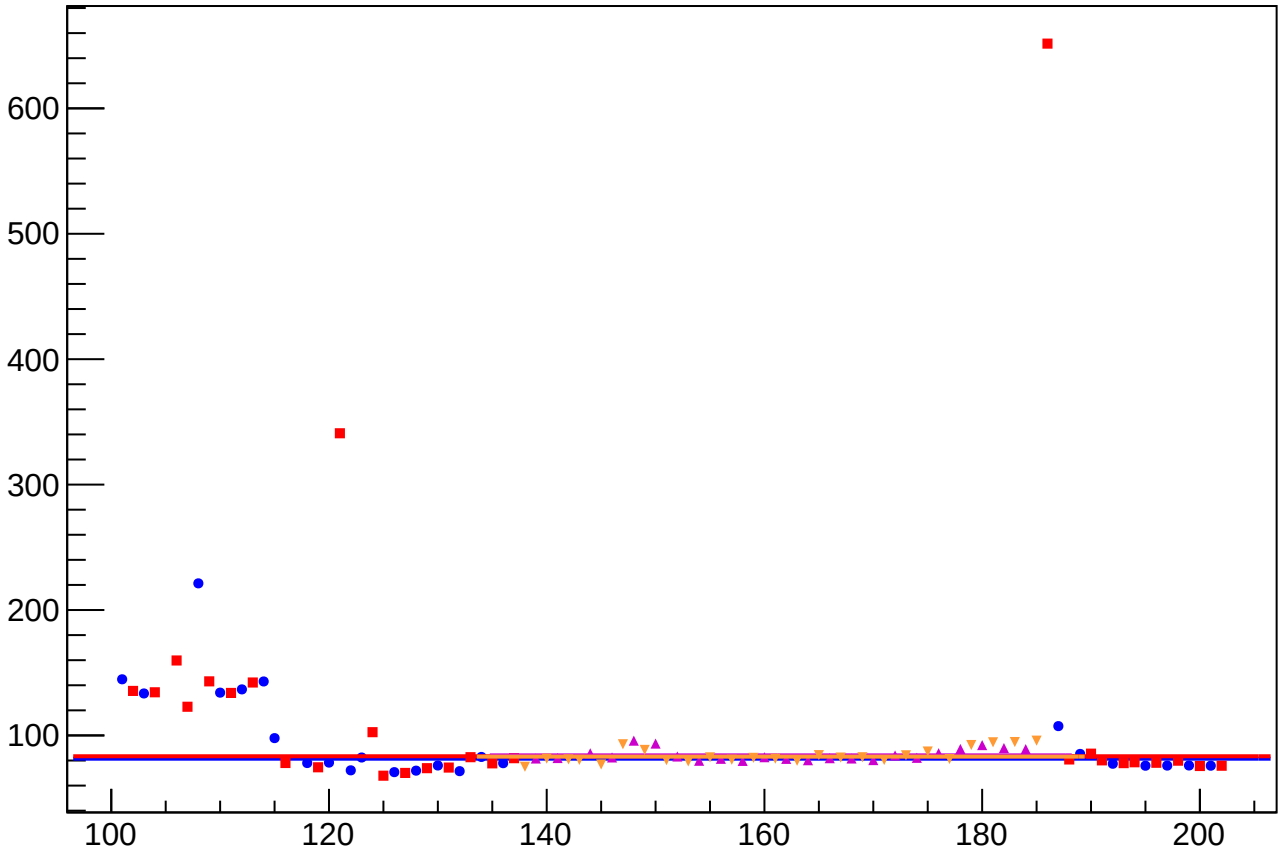
Left In: 131.879+/-20.076 χ^2/NDF:17.8/22

+ sign -100.185+/-15.392 χ^2/NDF: 69.2/48

All: -12.870+/-10.840 χ^2/NDF: 204.1/99

- sign 73.060+/-15.269 χ^2/NDF: 71.1/50

dit_asym_sam1_rms vs Slug



Right In: 81.456+/-0.018 χ^2/NDF: 1139332.4/23

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 83.396+/-0.017 χ^2/NDF: 2131605.4/27

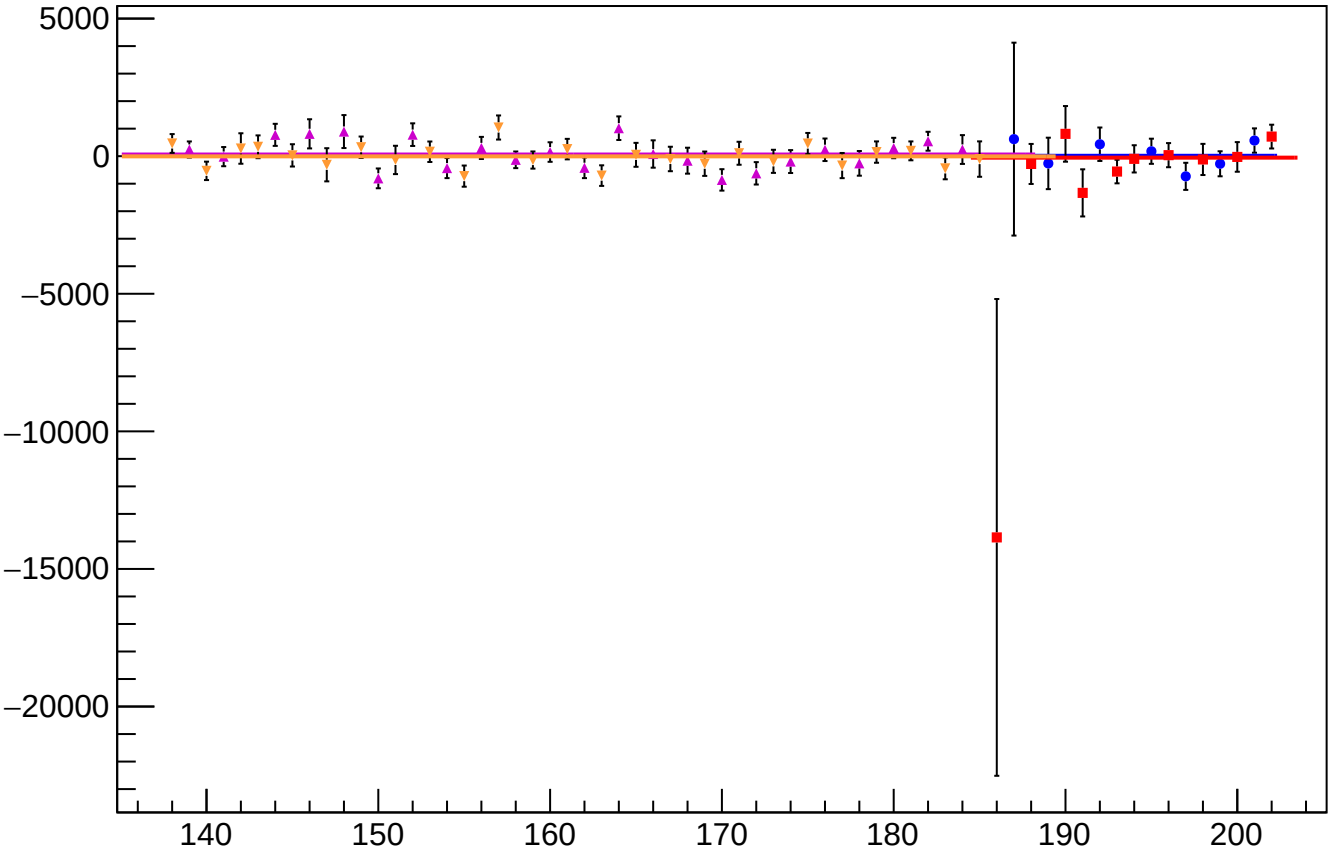
Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

+ sign 82.502+/-0.011 χ^2/NDF: 1283586.8/48

All: 83.160+/-0.008 χ^2/NDF: 3520450.5/99

- sign 83.808+/-0.011 χ^2/NDF: 2229600.0/50

asym_sam1_correction_mean vs Slug



Right In: 14.082+/-209.459 χ^2/NDF: 5.0/6

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: -53.464+/-179.885 χ^2/NDF: 10.2/9

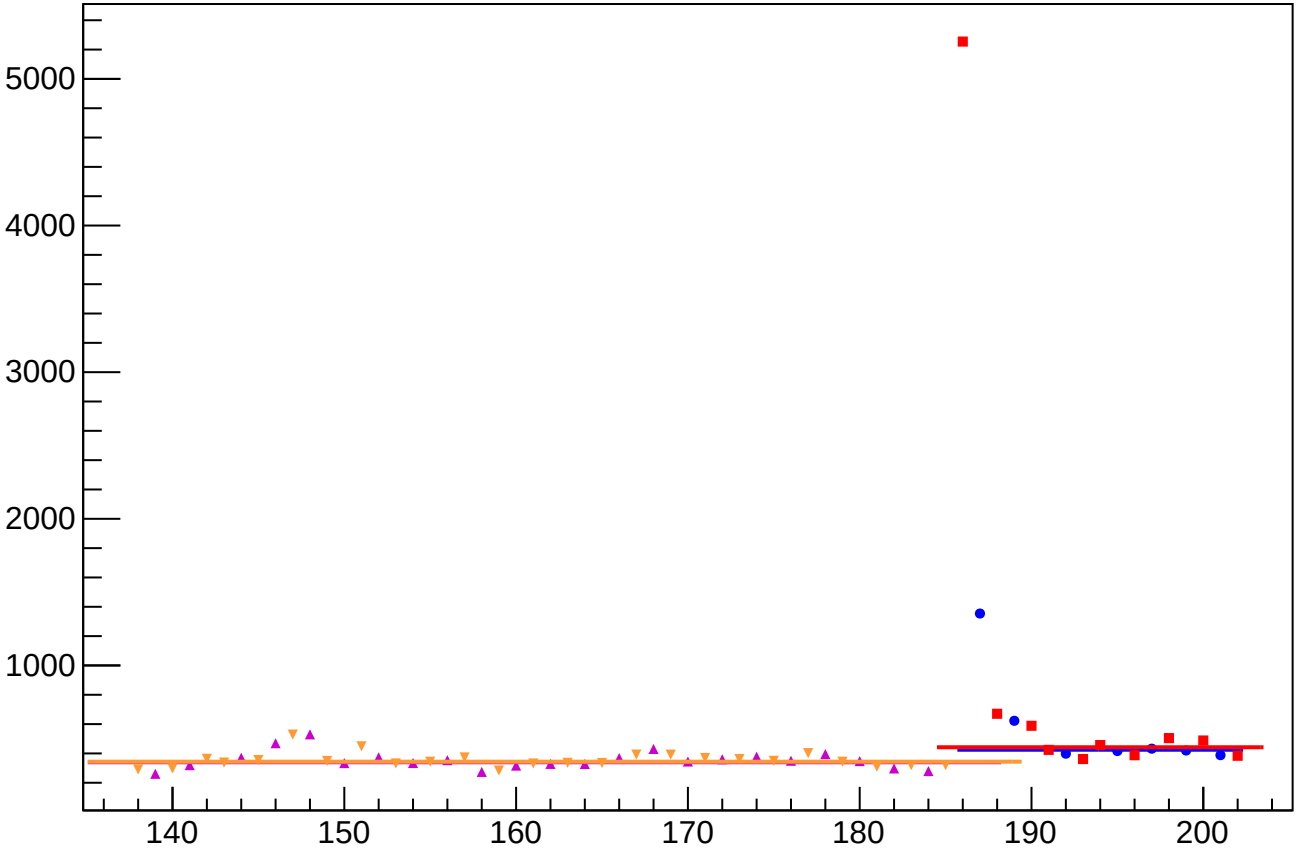
Left In: 59.971+/-82.046 χ^2/NDF:38.0/22

+ sign -3.925+/-75.660 χ^2/NDF: 29.4/31

All: 18.554+/-53.138 χ^2/NDF: 78.1/64

- sign 40.437+/-74.648 χ^2/NDF: 48.5/32

asym_sam1_correction_rms vs Slug



Right In: 425.300+/-0.148 χ^2/NDF: 248887.9/6

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 442.079+/-0.127 χ^2/NDF: 1035013.2/9

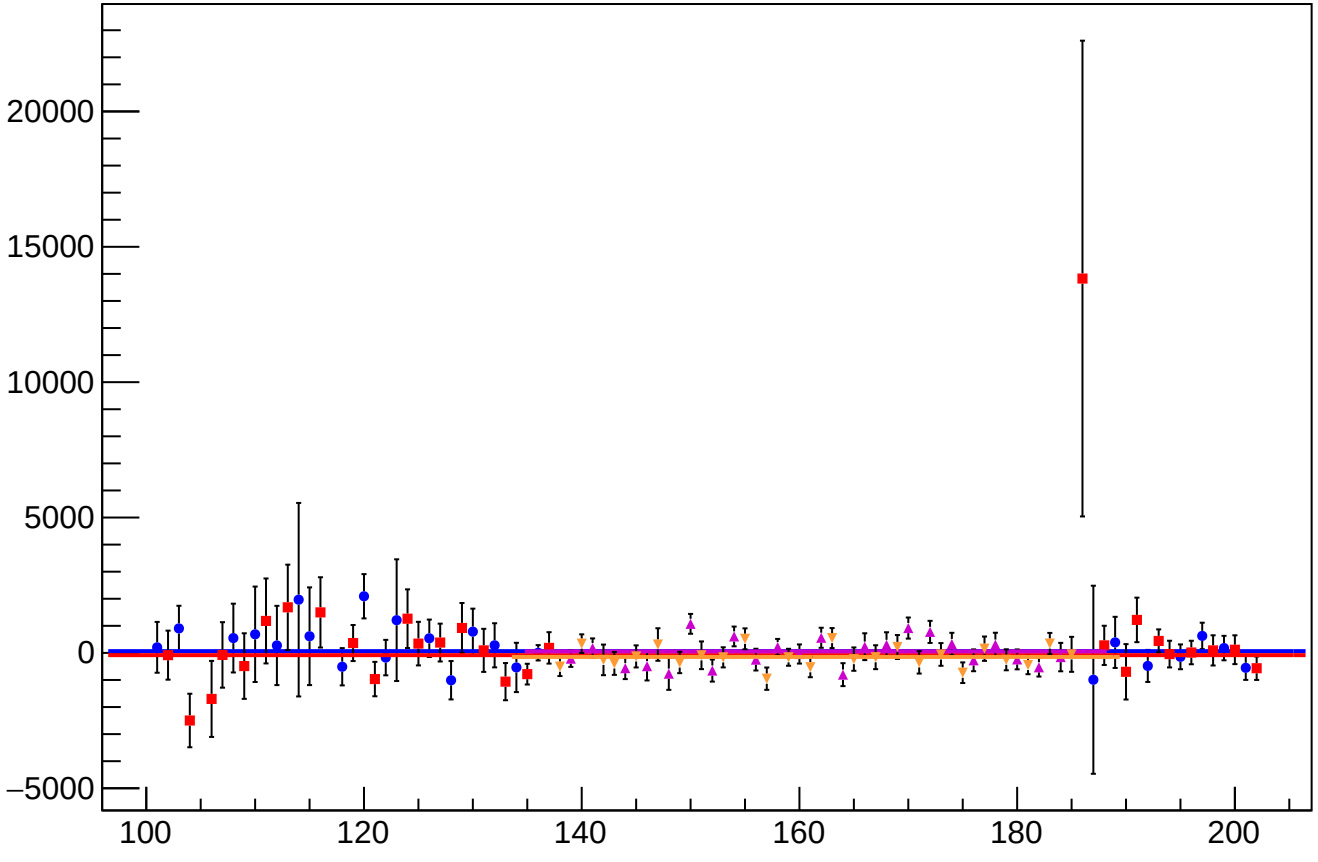
Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

+ sign 354.277+/-0.053 χ^2/NDF: 1084425.9/31

All: 355.868+/-0.038 χ^2/NDF: 3456123.4/64

- sign 357.416+/-0.053 χ^2/NDF: 2369952.9/32

asym_sam1_mean vs Slug



Right In: 64.703+/-135.975 χ^2/NDF: 17.5/23

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: -83.029+/-128.350 χ^2/NDF: 30.9/27

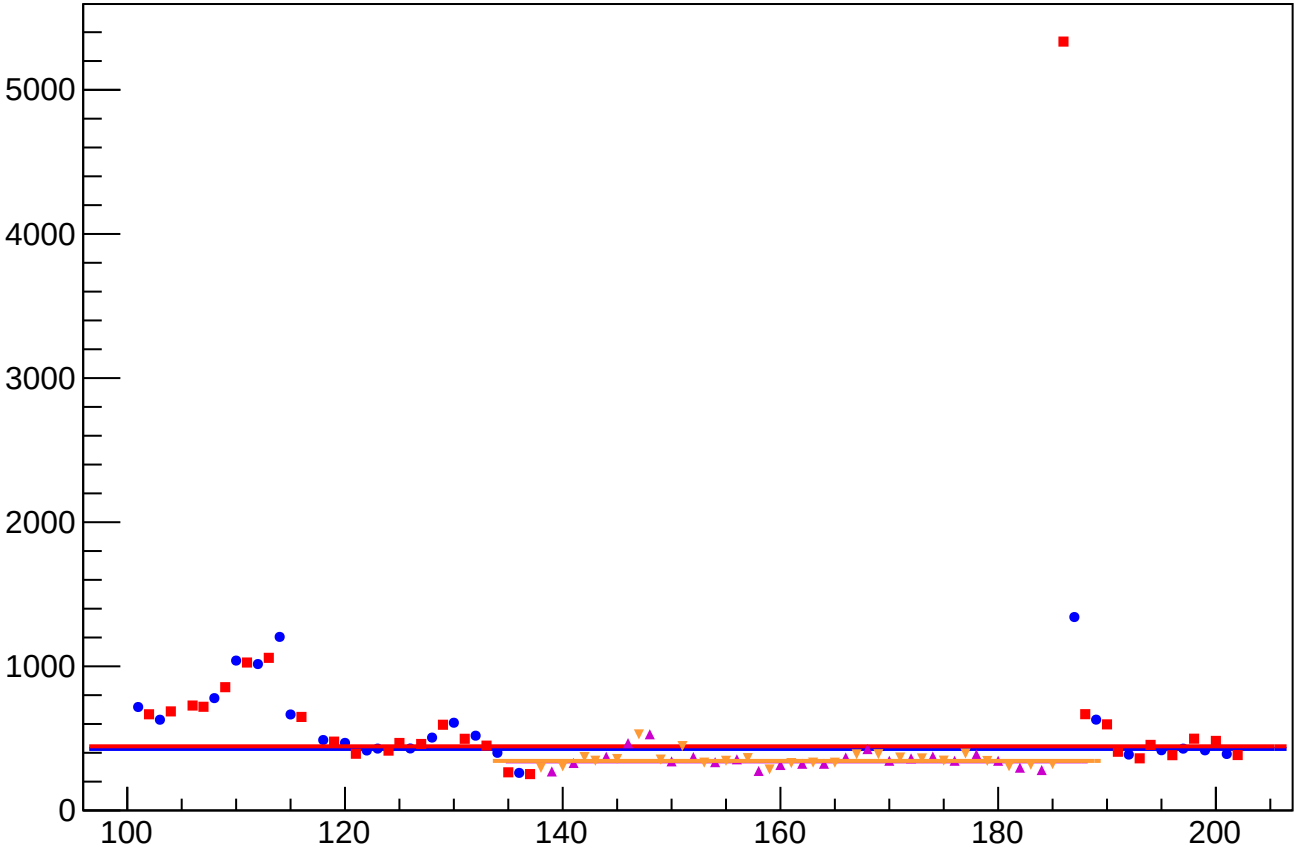
Left In: 56.402+/-82.155 χ^2/NDF:39.7/22

+ sign -92.870+/-69.599 χ^2/NDF: 41.4/48

All: -38.178+/-49.070 χ^2/NDF: 114.1/99

- sign 15.879+/-69.194 χ^2/NDF: 71.5/50

asym_sam1_rms vs Slug



Right In: 426.782+/-0.096 χ^2/NDF: 2266898.5/23

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 445.089+/-0.091 χ^2/NDF: 3071720.4/27

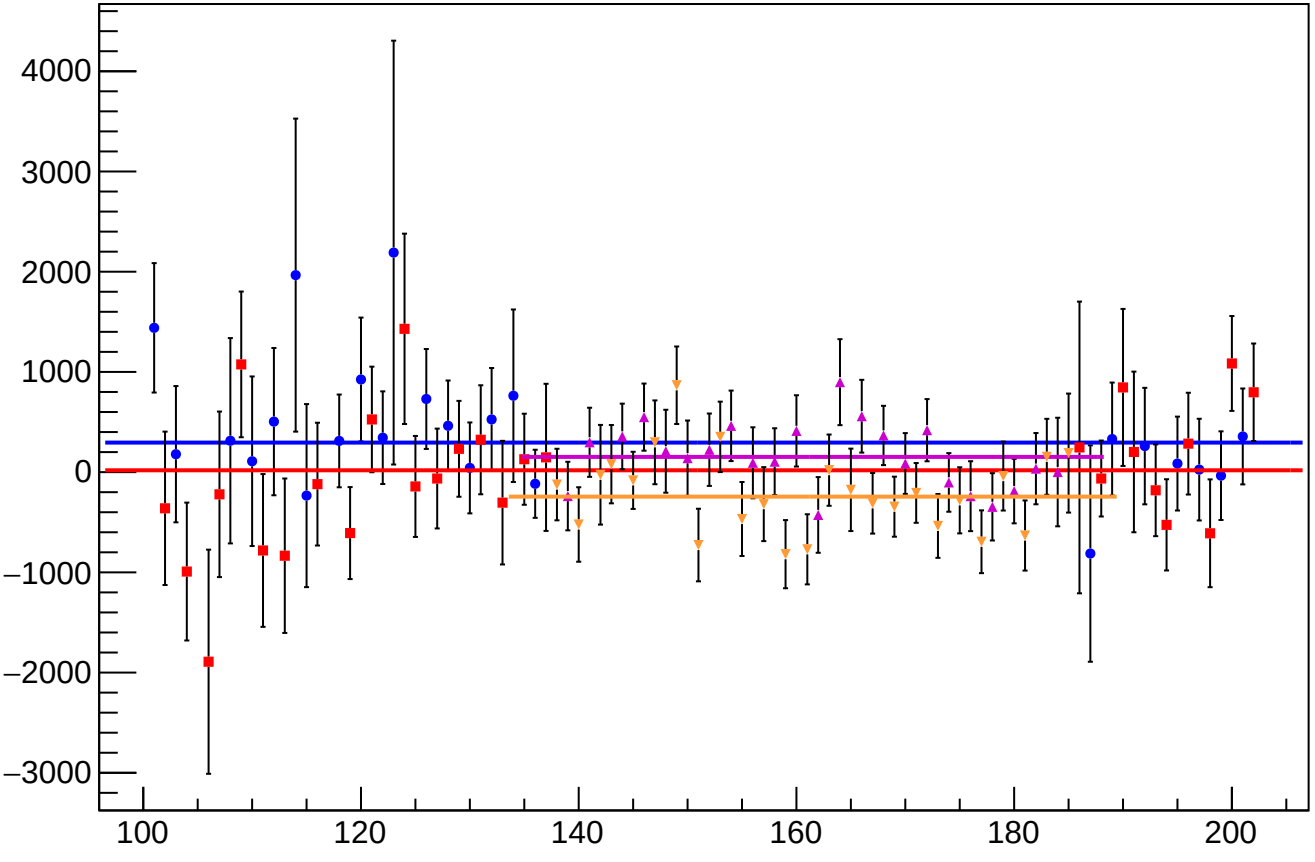
Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

+ sign 365.513+/-0.049 χ^2/NDF: 3356358.3/48

All: 368.227+/-0.035 χ^2/NDF: 8112893.6/99

- sign 370.911+/-0.049 χ^2/NDF: 4750484.4/50

dit_asym_sam2_mean vs Slug



Right In: 294.930+/-115.432 χ^2/NDF: 11.9/23

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 18.404+/-108.587 χ^2/NDF: 28.0/27

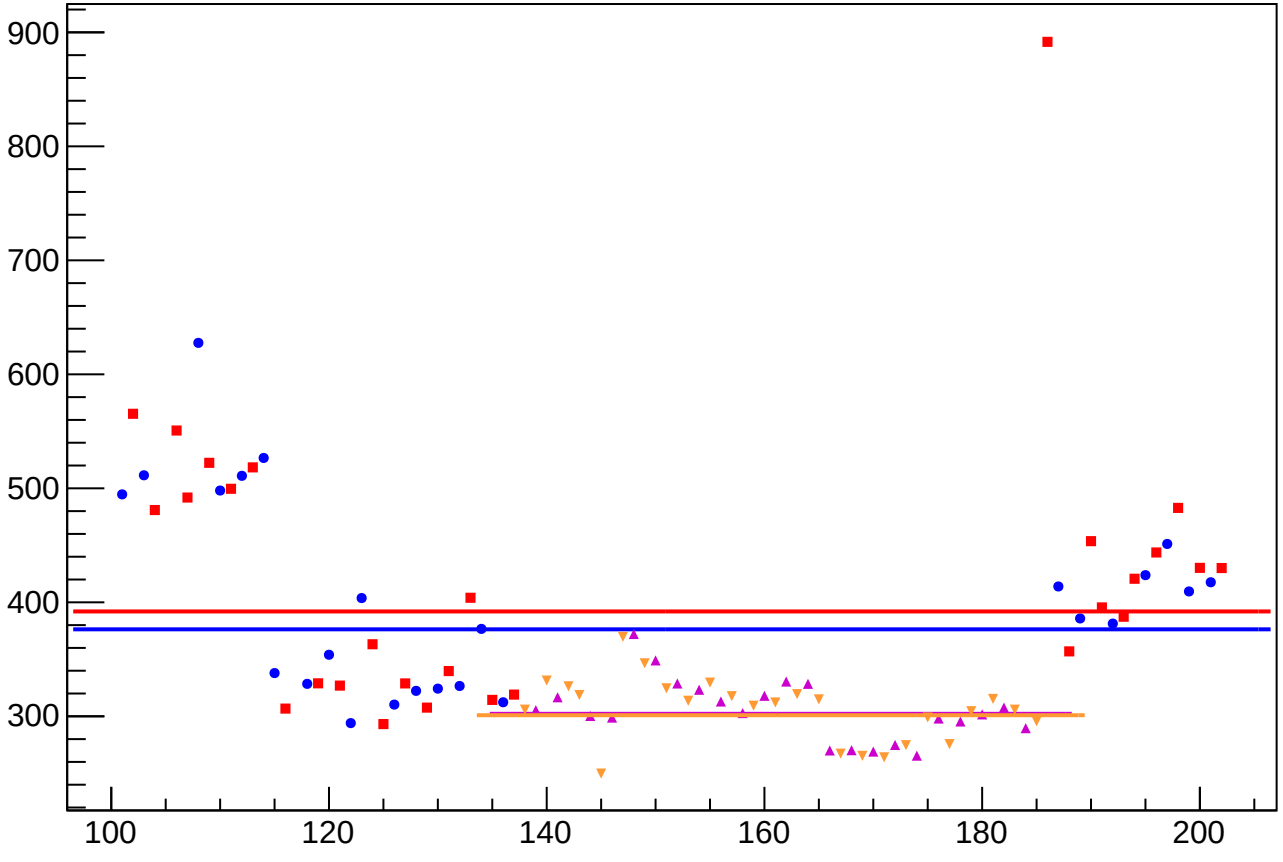
Left In: 152.030+/-72.312 χ^2/NDF:18.2/22

+ sign -97.507+/-60.251 χ^2/NDF: 56.7/48

All: 6.844+/-42.581 χ^2/NDF: 109.9/99

- sign 110.977+/-60.187 χ^2/NDF: 47.2/50

dit_asym_sam2_rms vs Slug



Right In: 376.304+/-0.082 χ^2/NDF: 758039.0/23

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 392.002+/-0.077 χ^2/NDF: 1117625.8/27

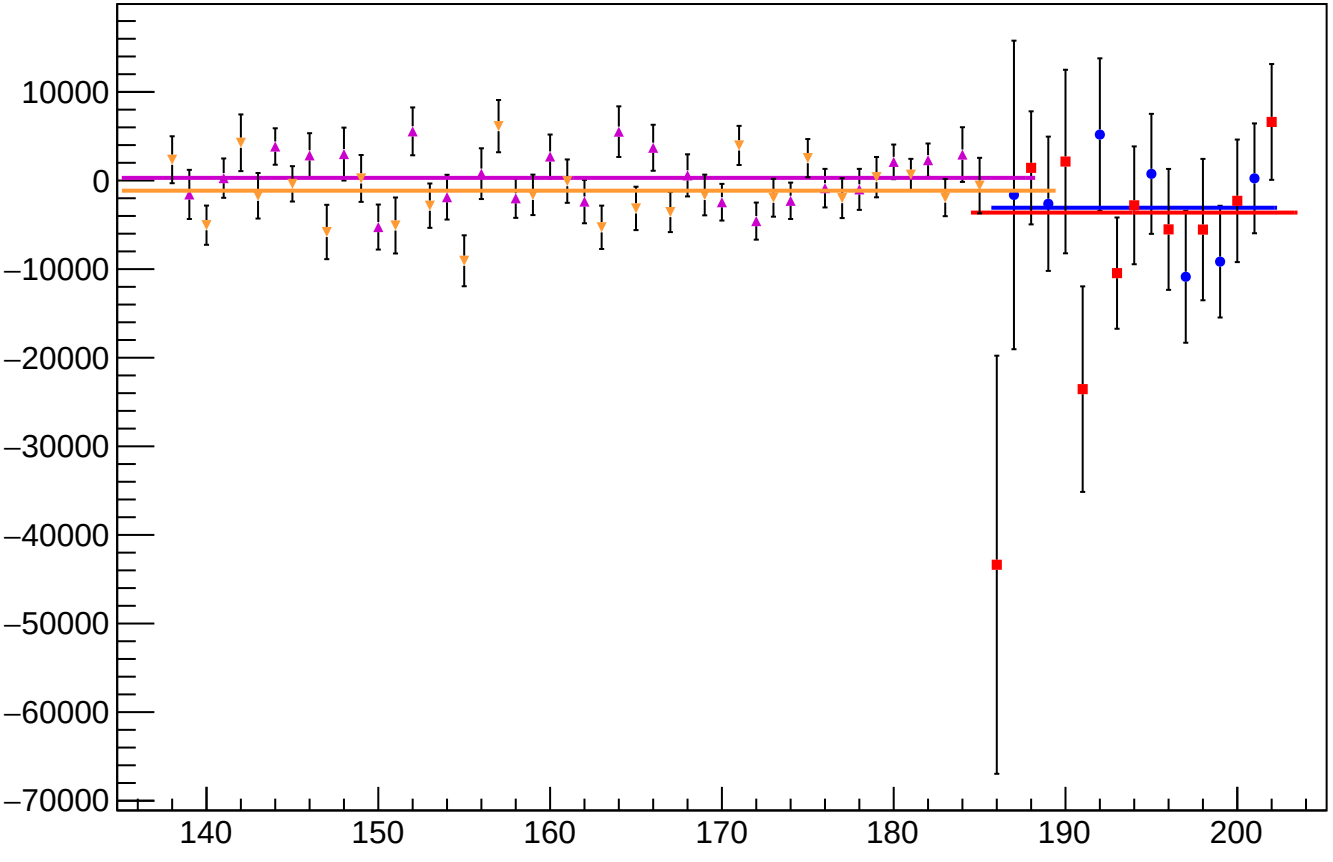
Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

+ sign 321.487+/-0.043 χ^2/NDF: 1700161.0/48

All: 325.636+/-0.030 χ^2/NDF: 4032259.4/99

- sign 329.775+/-0.043 χ^2/NDF: 2313155.2/50

asym_sam2_correction_mean vs Slug



Right In: -3070.546+/-2825.891 χ^2/NDF: 3.6/6

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: -3619.809+/-2407.140 χ^2/NDF: 10.5/9

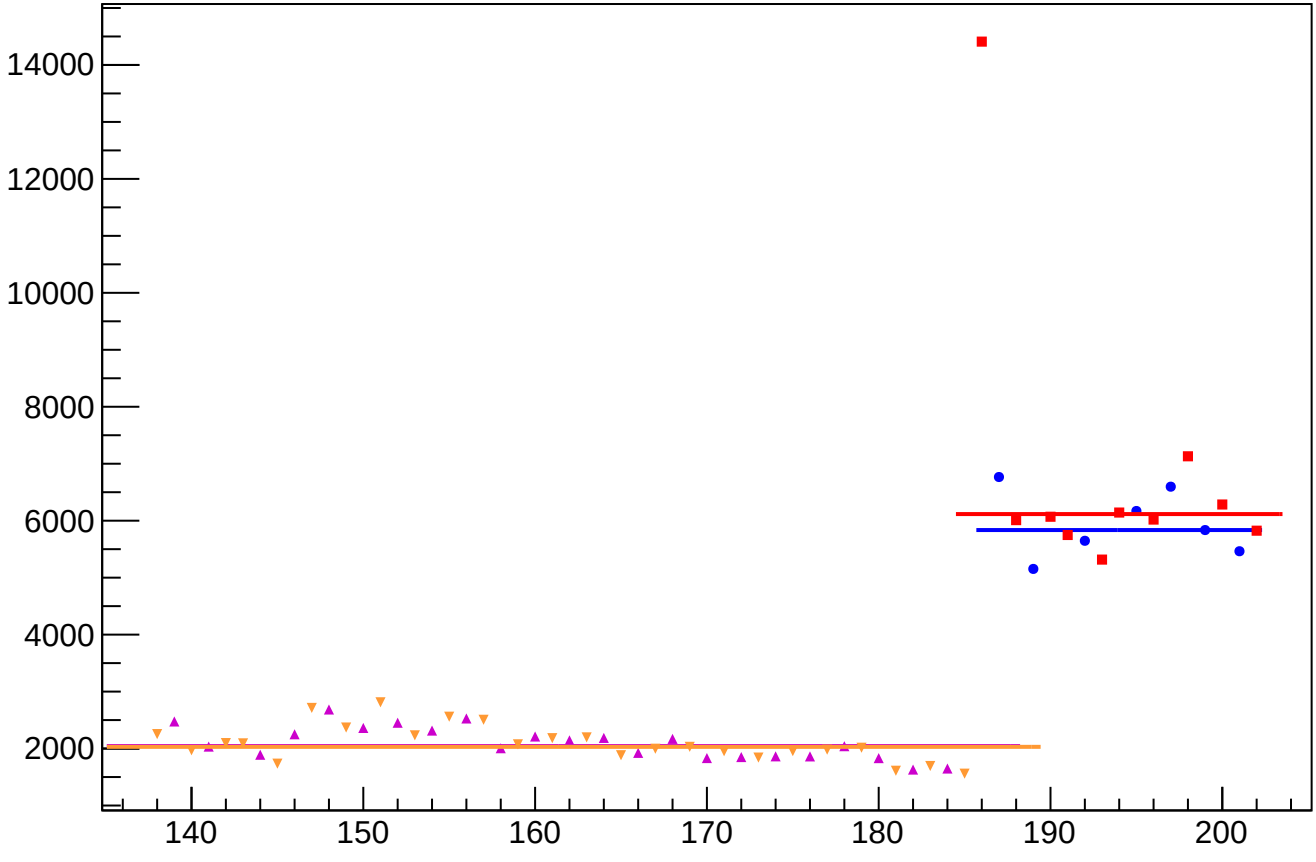
Left In: 298.915+/-491.476 χ^2/NDF:35.0/22

+ sign -1200.412+/-473.174 χ^2/NDF: 45.3/31

All: -540.924+/-337.504 χ^2/NDF: 97.3/64

- sign 142.093+/-481.541 χ^2/NDF: 48.1/32

asym_sam2_correction_rms vs Slug



Right In: 5835.676+/-1.998 χ^2/NDF: 55872.8/6

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 6116.183+/-1.702 χ^2/NDF: 319985.0/9

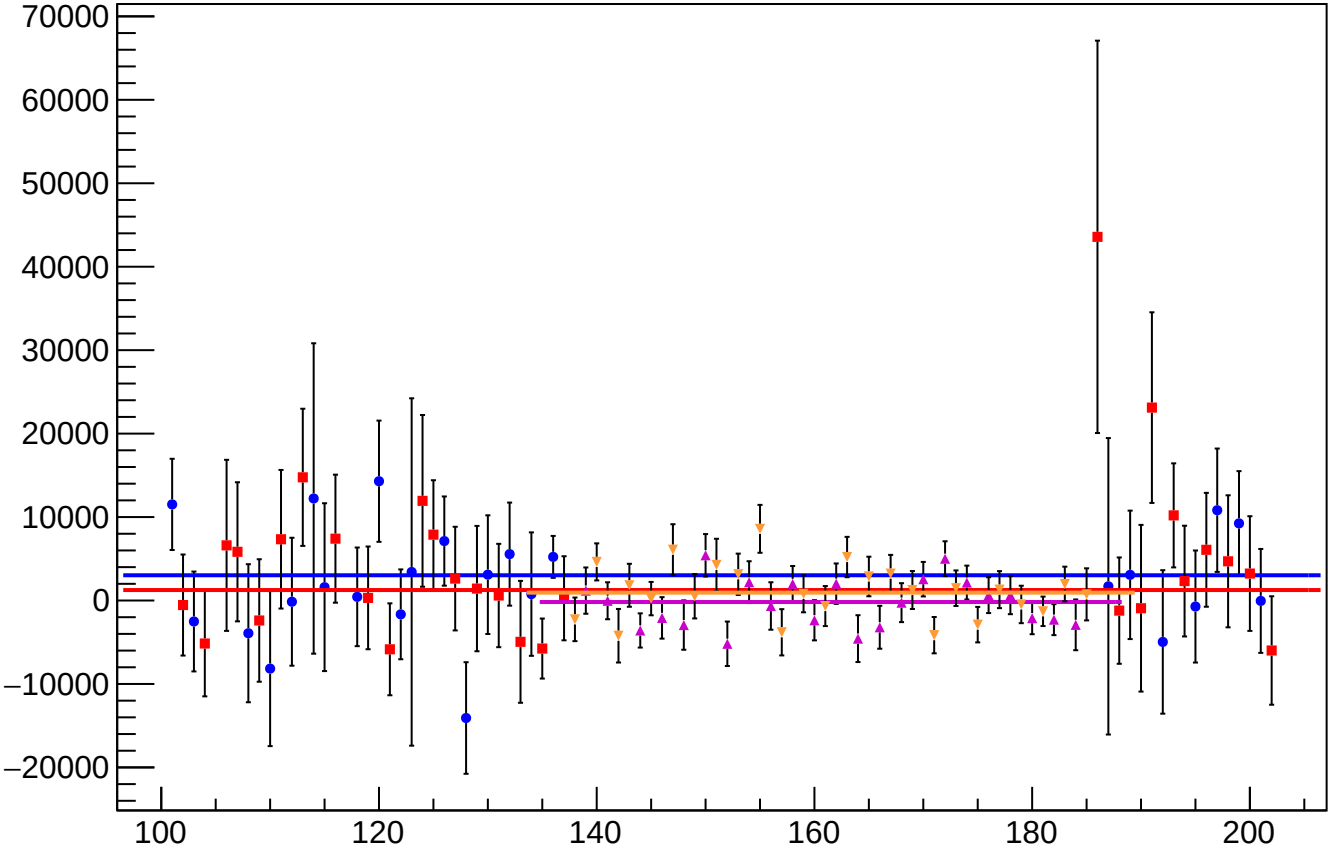
Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

+ sign 2136.874+/-0.335 χ^2/NDF: 4283660.5/31

All: 2171.331+/-0.239 χ^2/NDF: 10690328.0/6

- sign 2207.018+/-0.341 χ^2/NDF: 6385077.5/32

asym_sam2_mean vs Slug



Right In: 3025.876+/-1283.211 χ^2/NDF: 20.9/23

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: 1255.624+/-1276.757 χ^2/NDF: 25.4/27

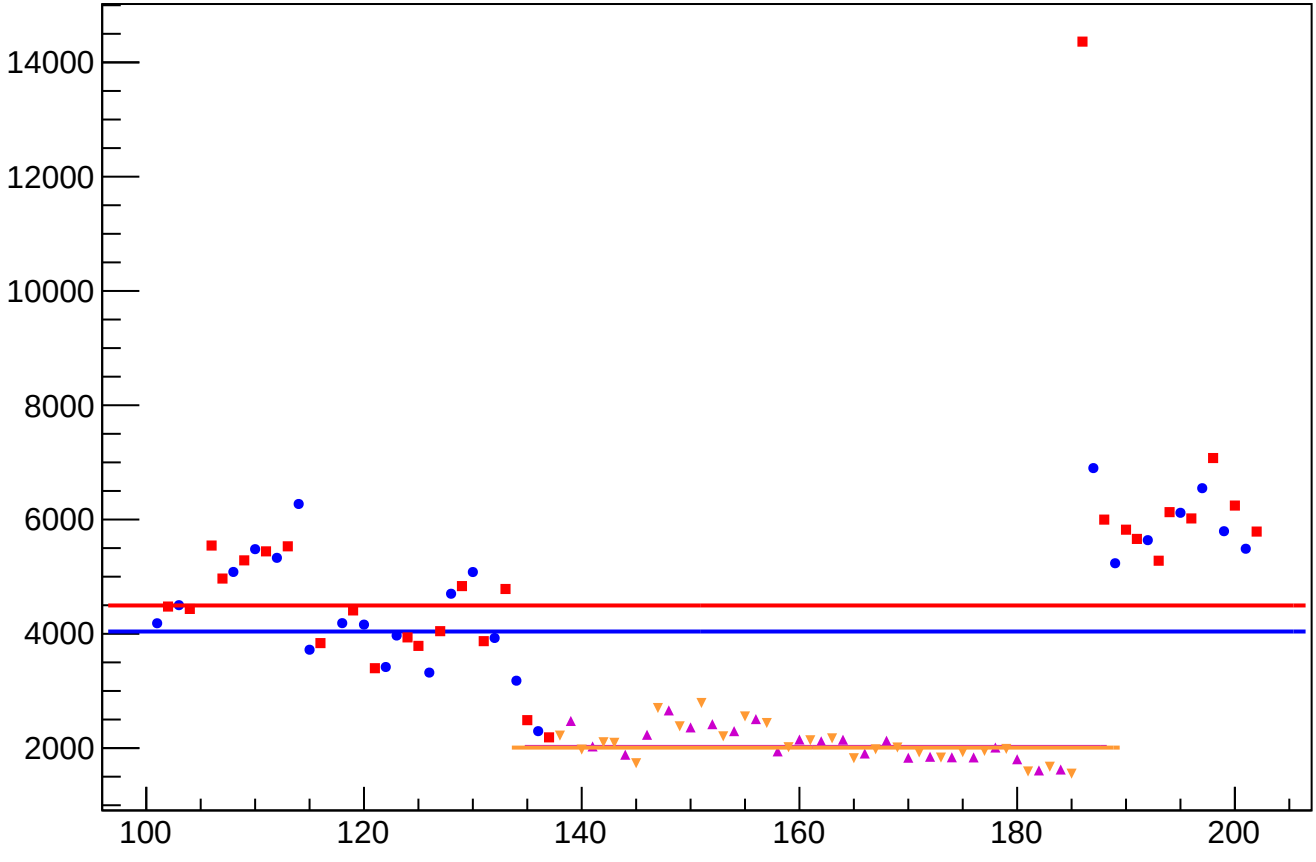
Left In: -180.087+/-486.112 χ^2/NDF:32.9/22

+ sign 1193.287+/-444.998 χ^2/NDF: 61.5/48

All: 609.808+/-317.898 χ^2/NDF: 124.5/99

- sign 1.686+/-454.297 χ^2/NDF: 59.5/50

asym_sam2_rms vs Slug



Right In: 4040.366+/-0.907 χ^2/NDF: 2155316.4/23

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4496.131+/-0.903 χ^2/NDF: 2506880.1/27

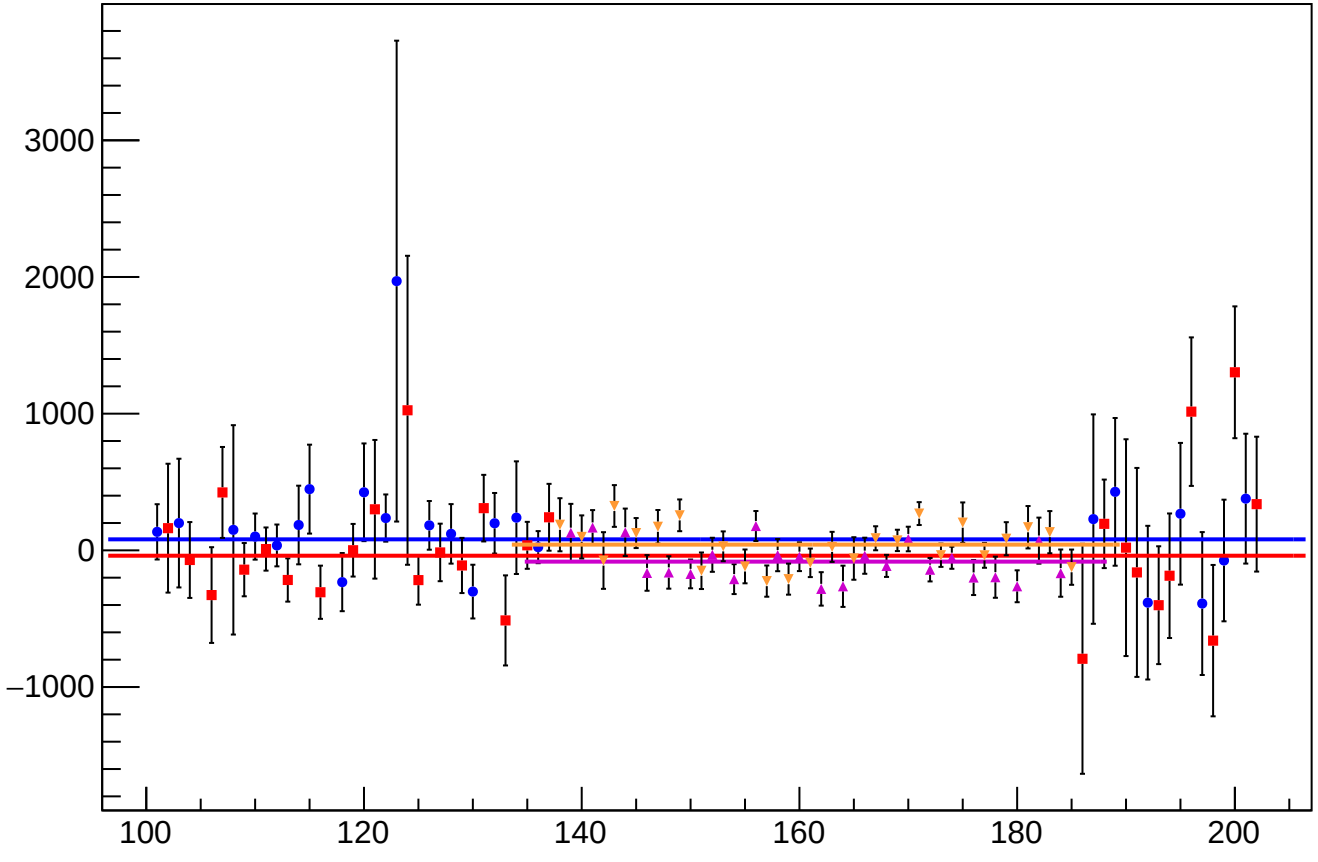
Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

+ sign 2253.201+/-0.315 χ^2/NDF: 7274267.0/48

All: 2292.900+/-0.225 χ^2/NDF: 16955373.1/9

- sign 2334.275+/-0.321 χ^2/NDF: 9648598.8/50

dit_asym_sam3_mean vs Slug



Right In: 80.480+/-50.233 χ^2/NDF: 14.1/23

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: -39.305+/-50.427 χ^2/NDF: 30.0/27

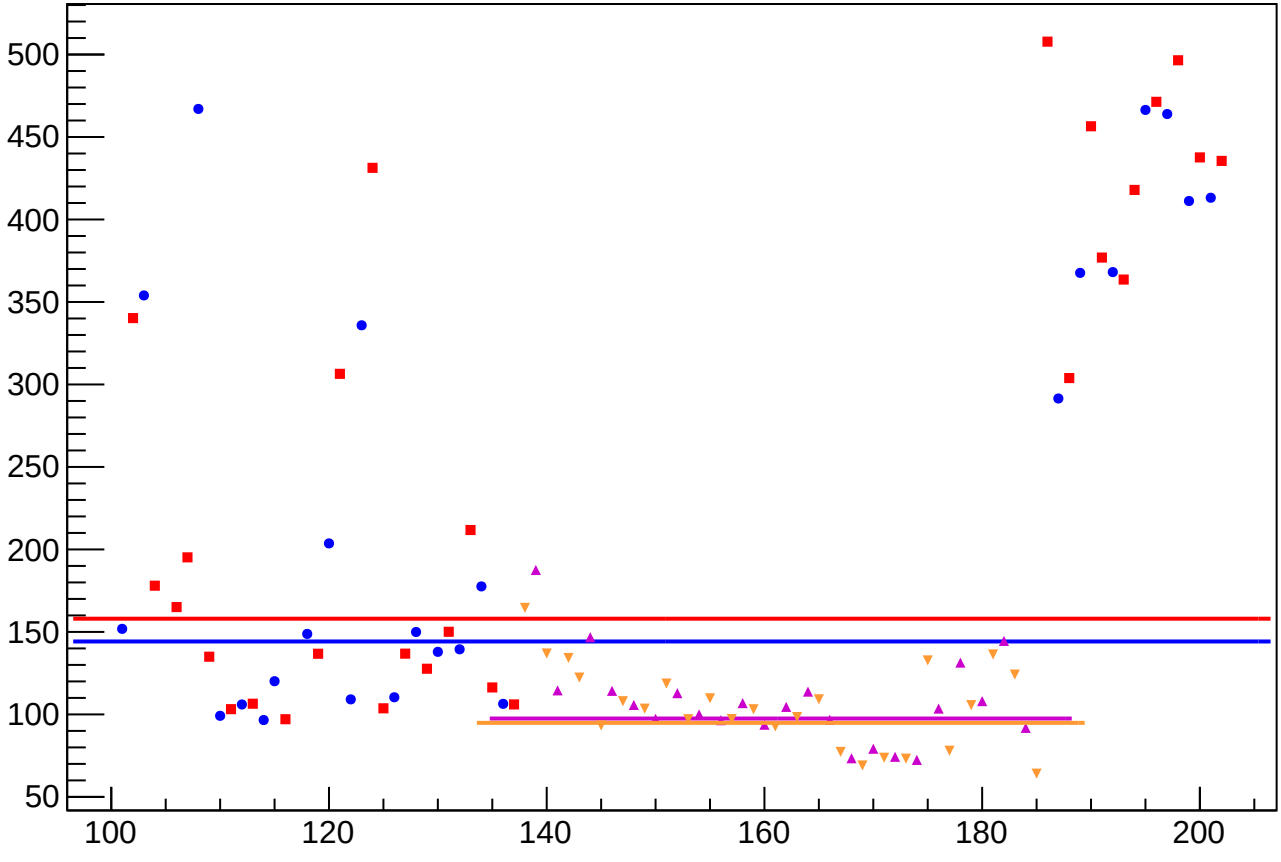
Left In: -82.630+/-24.154 χ^2/NDF:28.6/22

+ sign 48.560+/-20.939 χ^2/NDF: 53.7/48

All: -10.559+/-15.096 χ^2/NDF: 129.5/99

- sign -74.545+/-21.784 χ^2/NDF: 59.2/50

dit_asym_sam3_rms vs Slug



Right In: 144.213+/-0.036 χ^2/NDF: 5162723.3/23

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 158.013+/-0.036 χ^2/NDF: 6857294.8/27

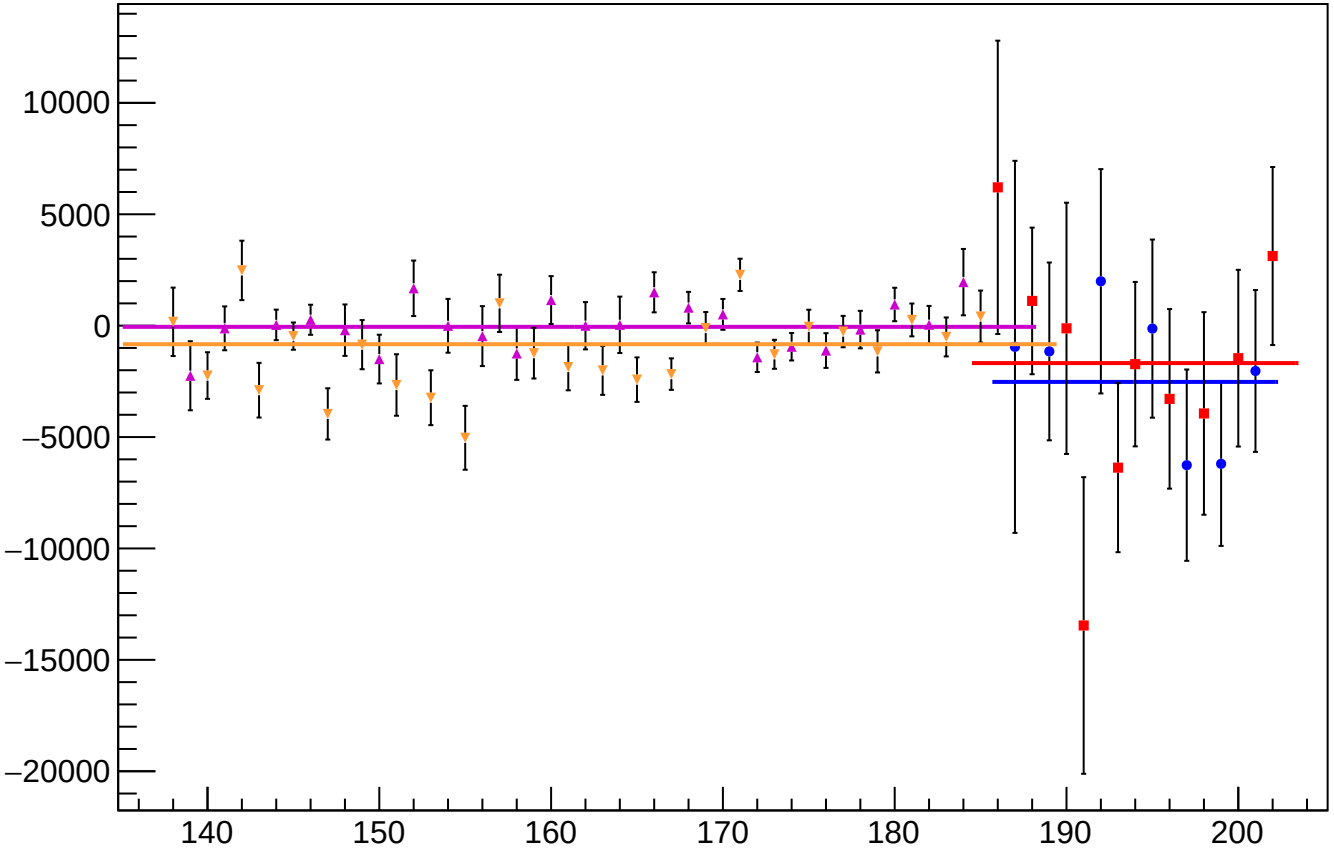
Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

+ sign 103.457+/-0.015 χ^2/NDF: 8552998.5/48

All: 106.019+/-0.011 χ^2/NDF: 19376638.1/99

- sign 108.791+/-0.015 χ^2/NDF: 10761306.3/50

asym_sam3_correction_mean vs Slug



Right In: -2524.513+/-1616.056 χ^2/NDF: 3.1/6

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: -1679.370+/-1350.194 χ^2/NDF: 8.7/9

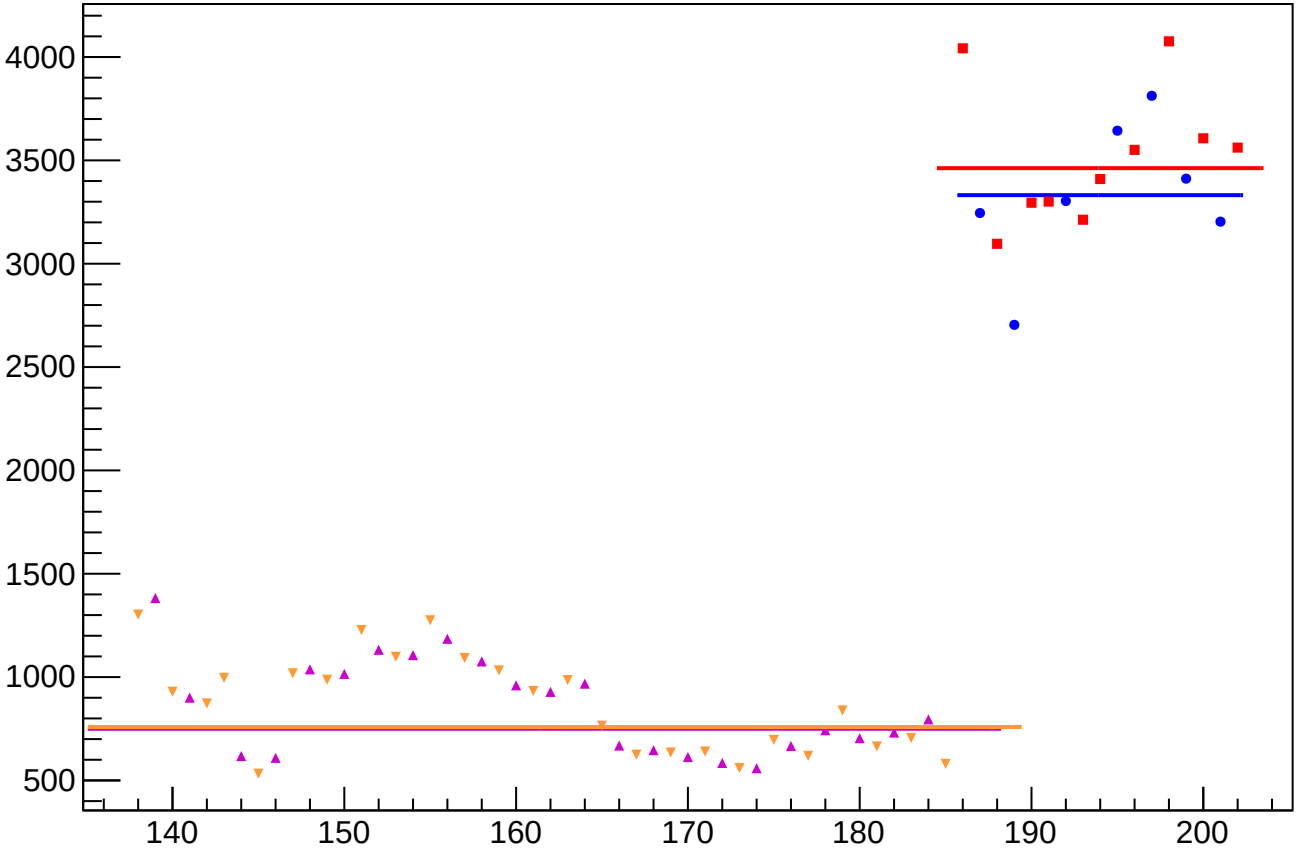
Left In: -53.006+/-184.870 χ^2/NDF:25.3/22

+ sign -854.223+/-182.780 χ^2/NDF: 73.0/31

All: -469.383+/-129.380 χ^2/NDF: 117.3/64

- sign -82.935+/-183.161 χ^2/NDF: 35.5/32

asym_sam3_correction_rms vs Slug



Right In: 3331.706+/-1.143 χ^2/NDF: 90378.4/6

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 3462.335+/-0.955 χ^2/NDF: 93532.8/9

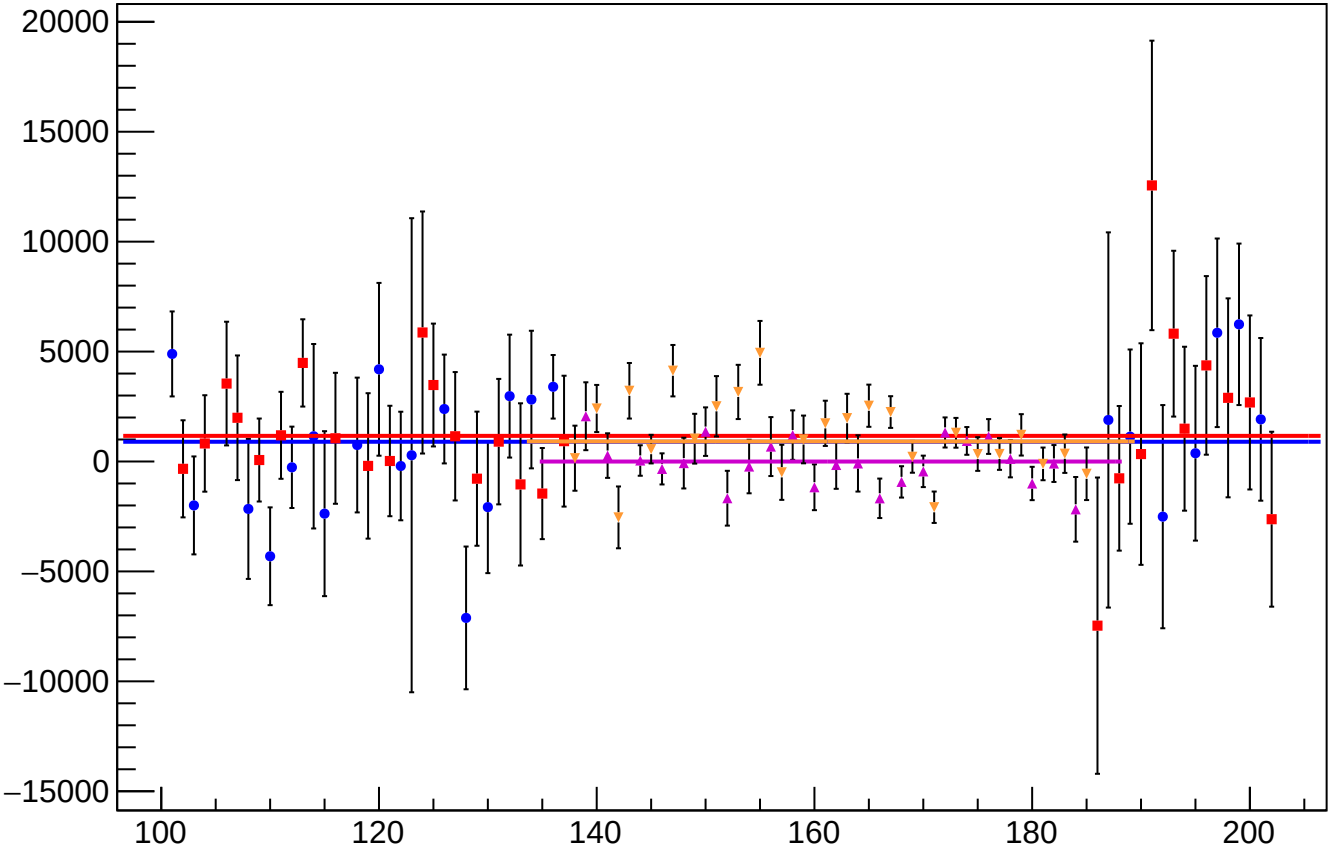
Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

+ sign 791.523+/-0.129 χ^2/NDF: 7549488.8/31

All: 795.707+/-0.091 χ^2/NDF: 17754196.6/64

- sign 799.909+/-0.130 χ^2/NDF: 10202607.2/32

asym_sam3_mean vs Slug



Right In: 897.472+/-578.099 χ^2/NDF: 29.8/23

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: 1165.746+/-550.518 χ^2/NDF: 17.0/27

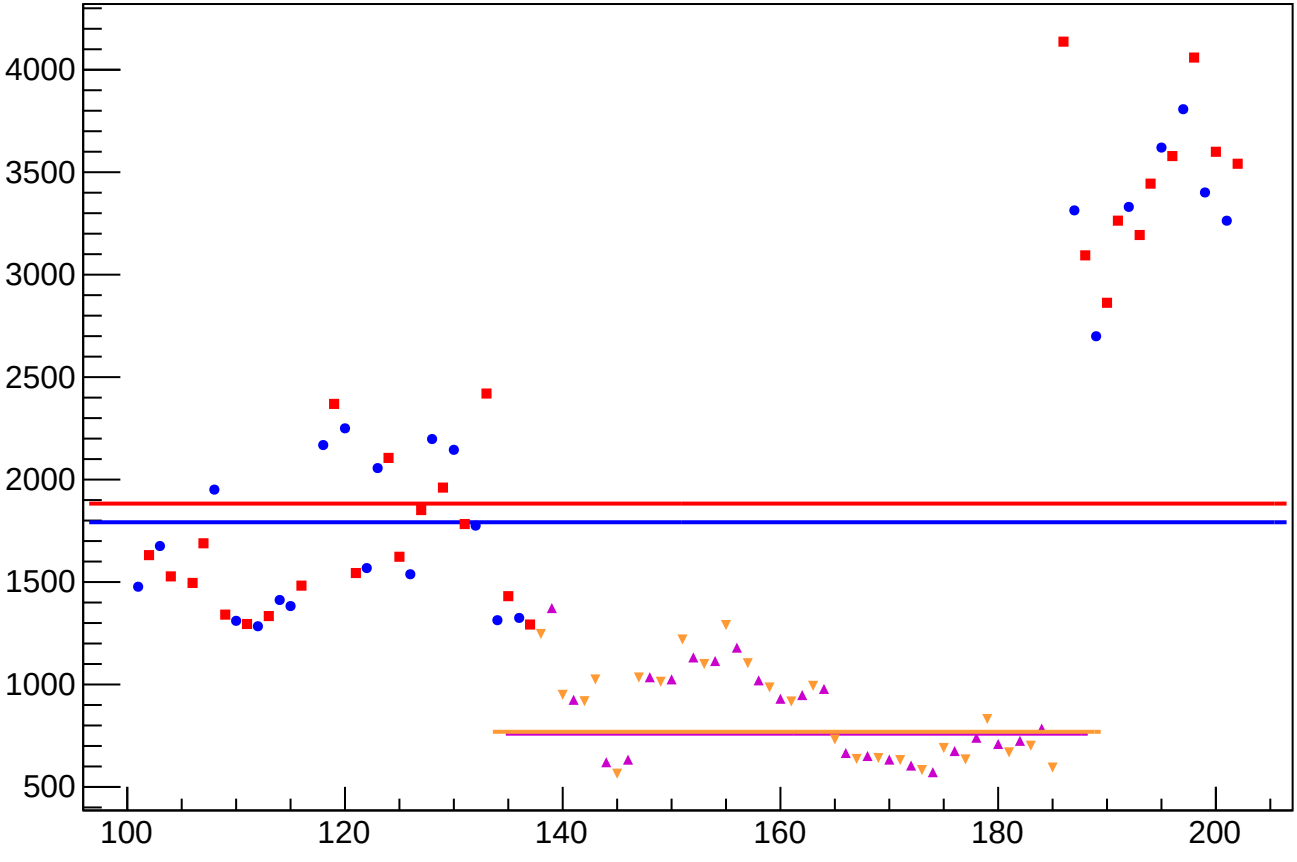
Left In: -2.470+/-187.271 χ^2/NDF:25.6/22

+ sign 910.563+/-177.151 χ^2/NDF: 94.7/48

All: 514.947+/-125.315 χ^2/NDF: 151.3/99

- sign 118.693+/-177.294 χ^2/NDF: 46.6/50

asym_sam3_rms vs Slug



Right In: 1791.760+/-0.409 χ^2/NDF: 2675512.9/23

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1882.797+/-0.389 χ^2/NDF: 3762347.5/27

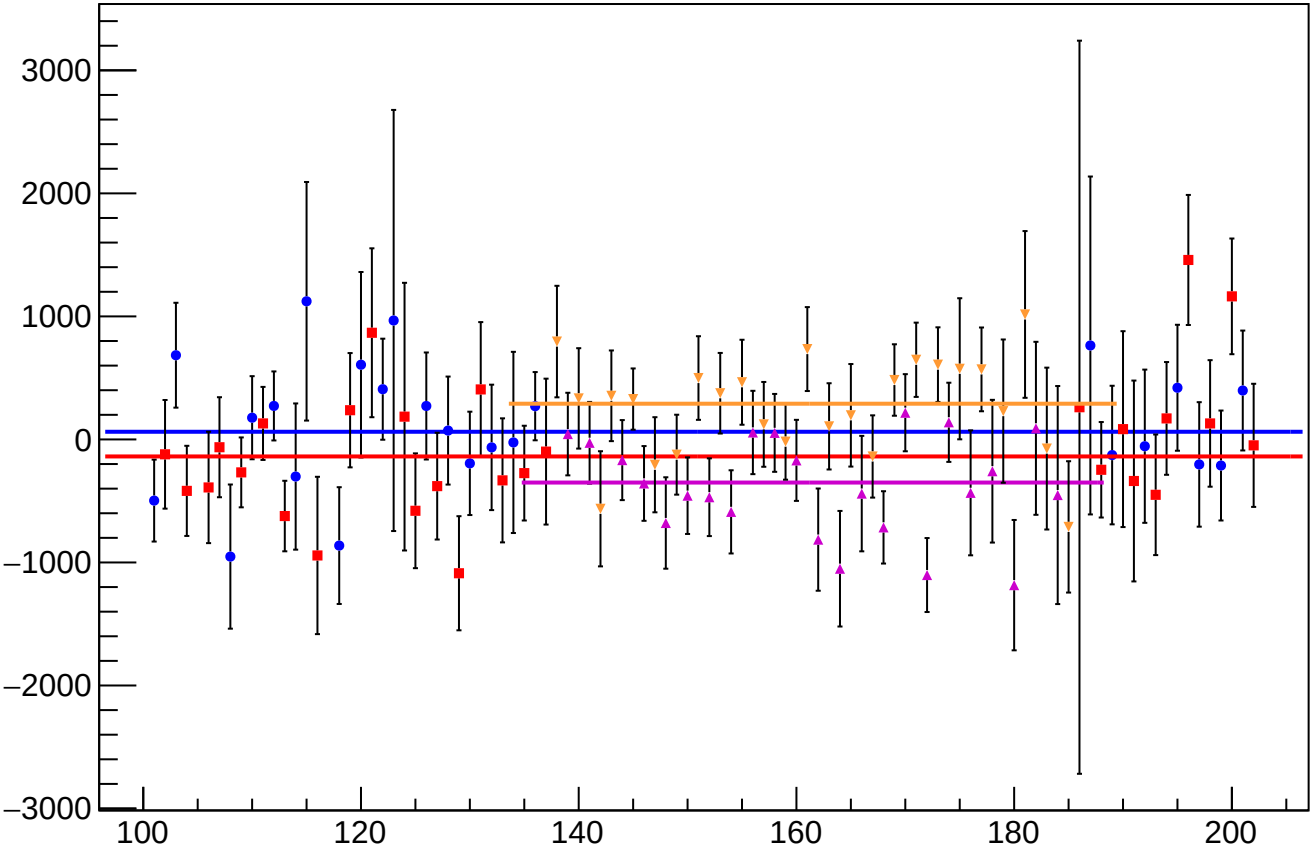
Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

+ sign 865.229+/-0.125 χ^2/NDF: 10620757.5/48

All: 870.807+/-0.089 χ^2/NDF: 23859142.9/99

- sign 876.393+/-0.125 χ^2/NDF: 13234416.8/50

dit_asym_sam4_mean vs Slug



Right In: 62.299+/-93.934 χ^2/NDF: 18.8/23

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: -138.287+/-85.900 χ^2/NDF: 34.1/27

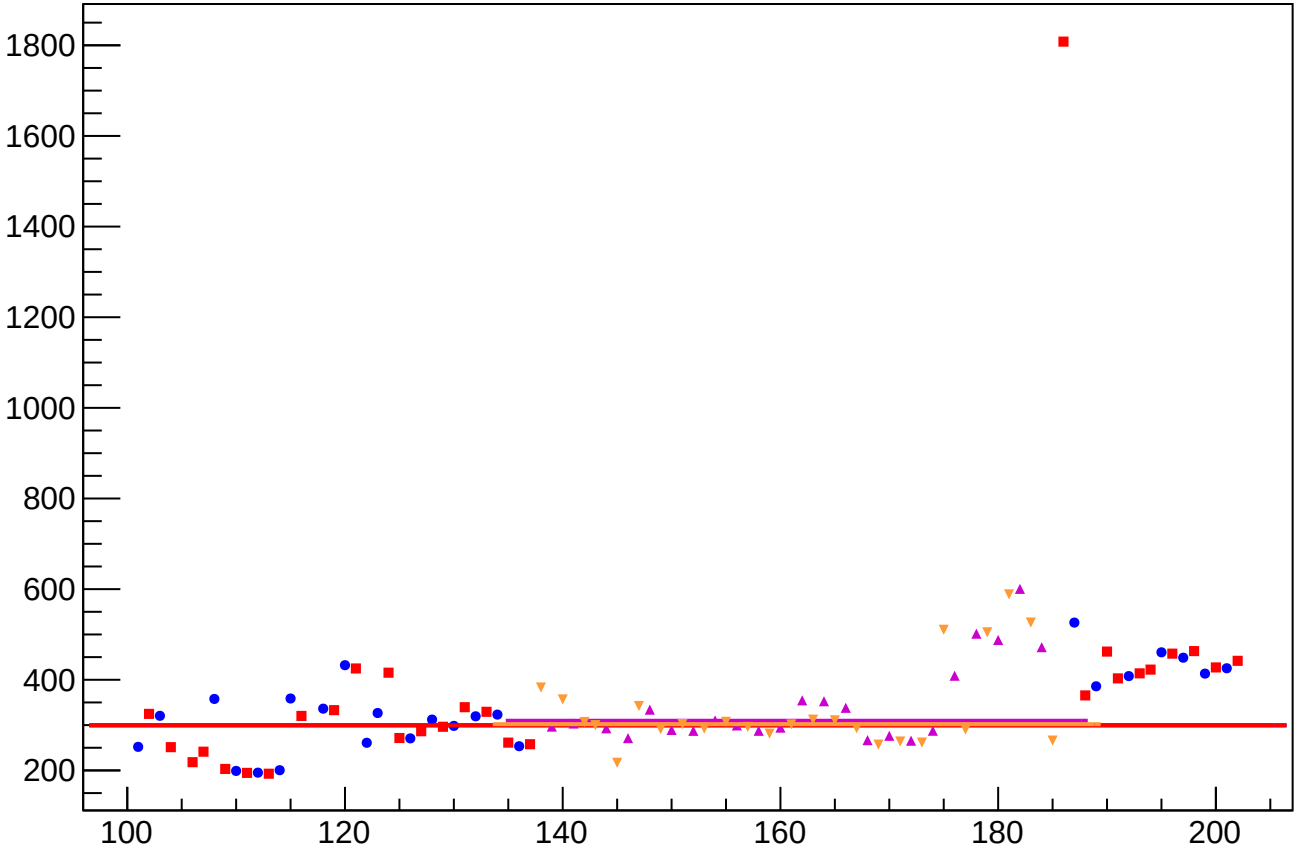
Left In: -350.522+/-75.911 χ^2/NDF:27.4/22

+ sign 204.577+/-57.596 χ^2/NDF: 44.8/48

All: -29.320+/-40.472 χ^2/NDF: 142.3/99

- sign -257.457+/-56.882 χ^2/NDF: 64.9/50

dit_asym_sam4_rms vs Slug



Right In: 299.581+/-0.066 χ^2/NDF: 1544011.5/23

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 299.414+/-0.061 χ^2/NDF: 2693208.0/27

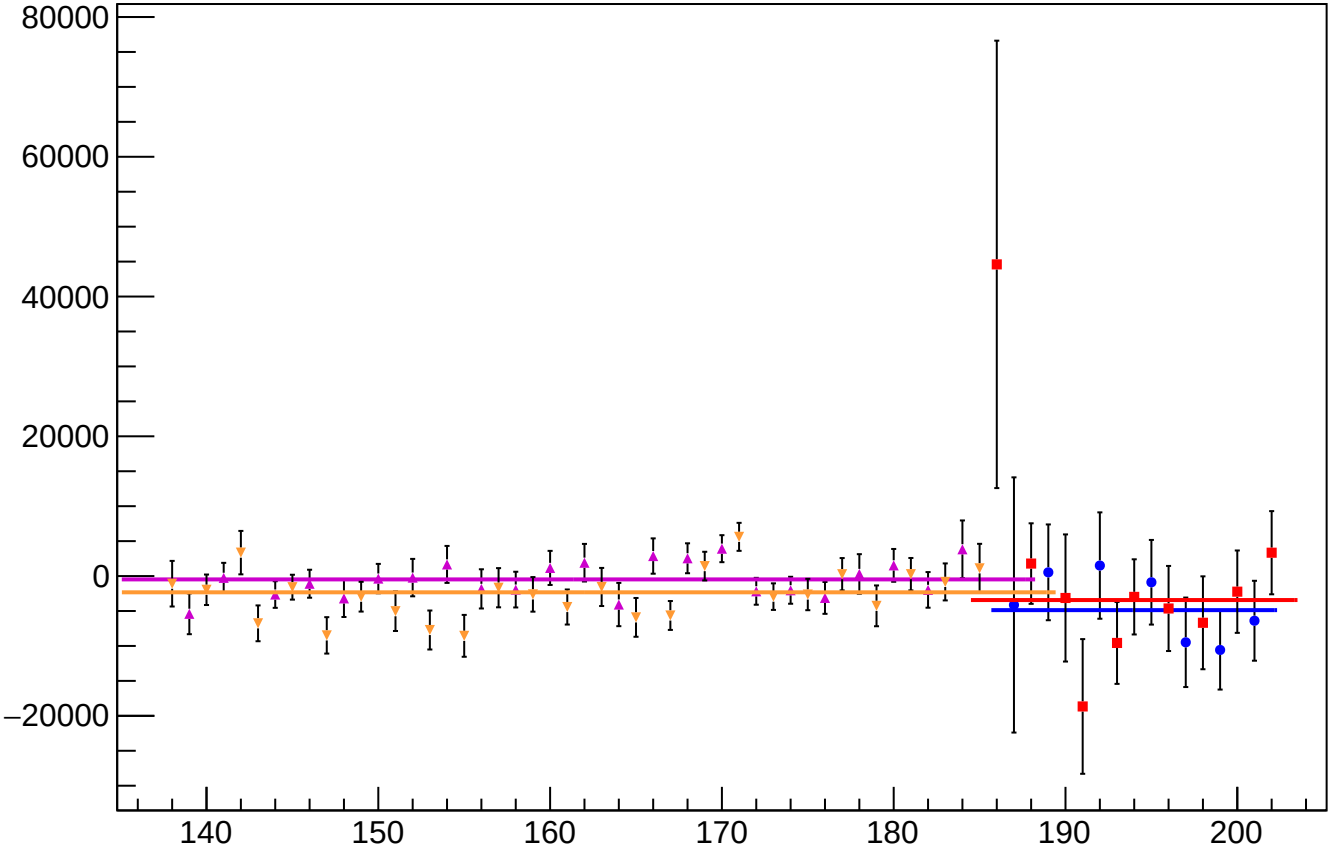
Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

+ sign 301.116+/-0.041 χ^2/NDF: 3142100.8/48

All: 303.152+/-0.029 χ^2/NDF: 7036347.6/99

- sign 305.139+/-0.040 χ^2/NDF: 3889307.1/50

asym_sam4_correction_mean vs Slug



Right In: -4875.236+/-2540.562 χ^2/NDF: 3.4/6

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: -3432.043+/-2111.448 χ^2/NDF: 8.3/9

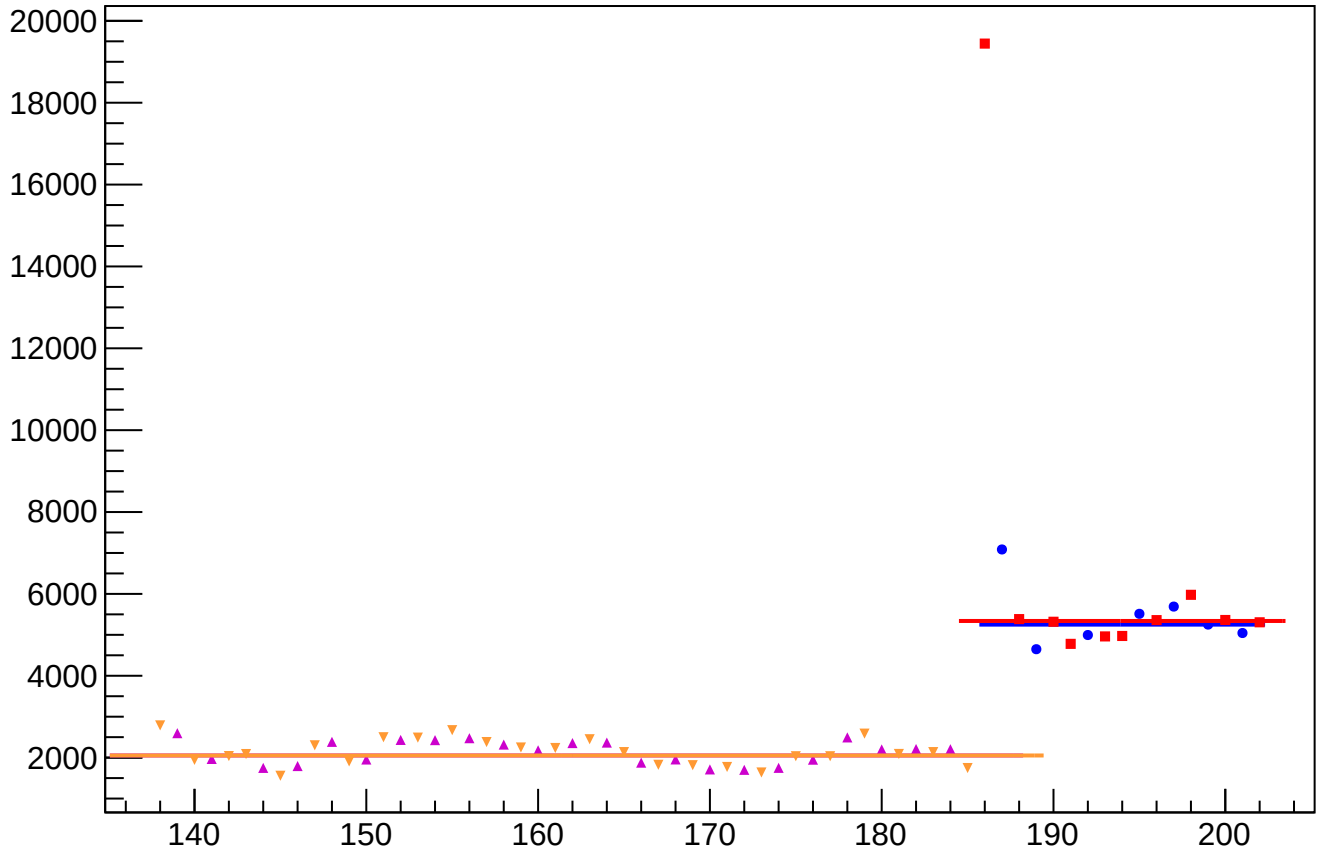
Left In: -477.779+/-494.228 χ^2/NDF:23.1/22

+ sign -2415.515+/-477.385 χ^2/NDF: 54.2/31

All: -1530.514+/-338.910 χ^2/NDF: 94.3/64

- sign -631.233+/-481.221 χ^2/NDF: 33.2/32

asym_sam4_correction_rms vs Slug



Right In: 5249.657+/-1.796 χ^2/NDF: 53651.7/6

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5338.608+/-1.493 χ^2/NDF: 431381.1/9

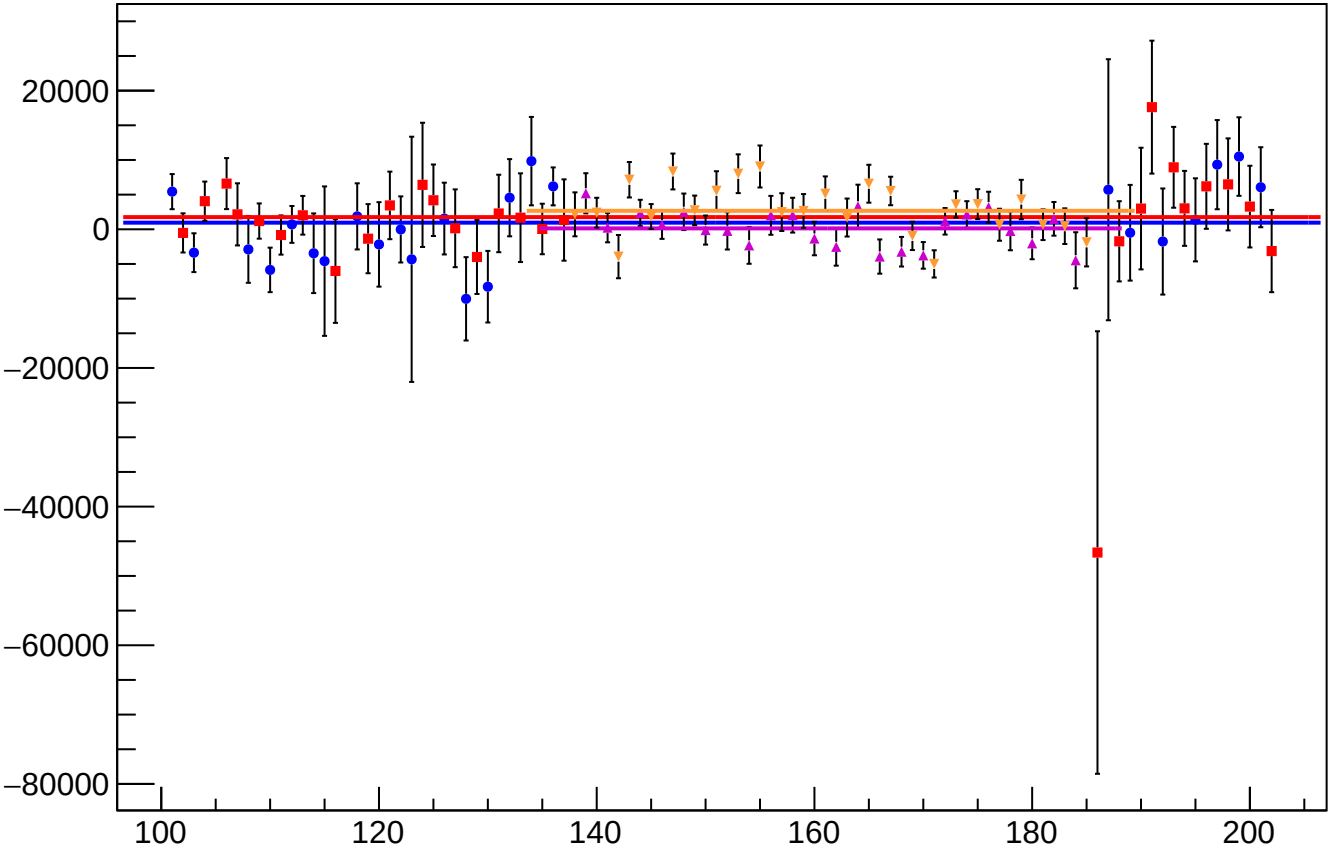
Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

+ sign 2165.291+/-0.338 χ^2/NDF: 3947395.8/31

All: 2193.955+/-0.240 χ^2/NDF: 9640201.7/64

- sign 2223.081+/-0.340 χ^2/NDF: 5678268.8/32

asym_sam4_mean vs Slug



Right In: 958.089+/-924.767 χ^2/NDF: 30.1/23

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: 1756.657+/-849.800 χ^2/NDF: 16.3/27

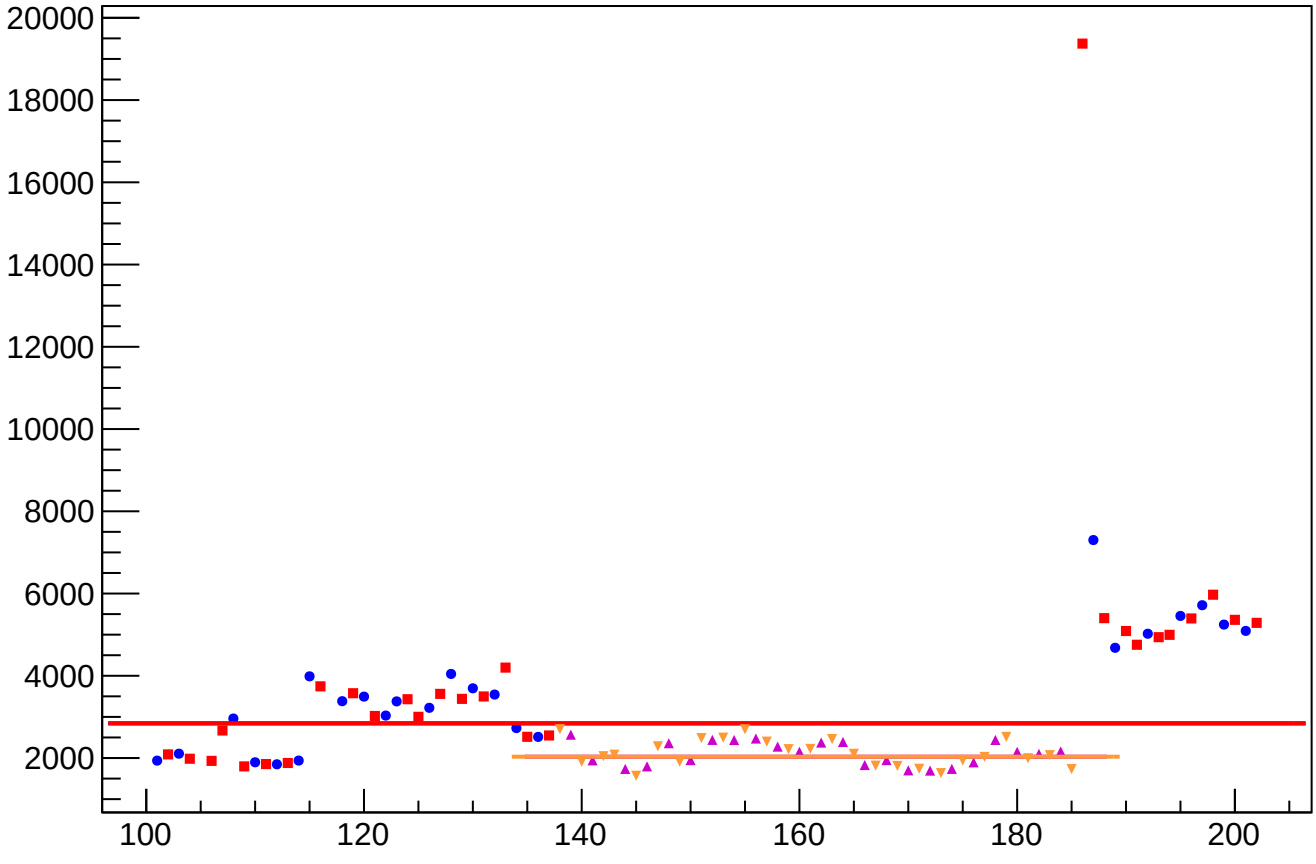
Left In: 132.307+/-489.752 χ^2/NDF:24.7/22

+ sign 2303.204+/-426.703 χ^2/NDF: 82.8/48

All: 1415.325+/-300.881 χ^2/NDF: 135.1/99

- sign 537.302+/-424.328 χ^2/NDF: 43.7/50

asym_sam4_rms vs Slug



Right In: 2841.937+/-0.654 χ^2/NDF: 3040816.5/23

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2844.939+/-0.601 χ^2/NDF: 4766549.0/27

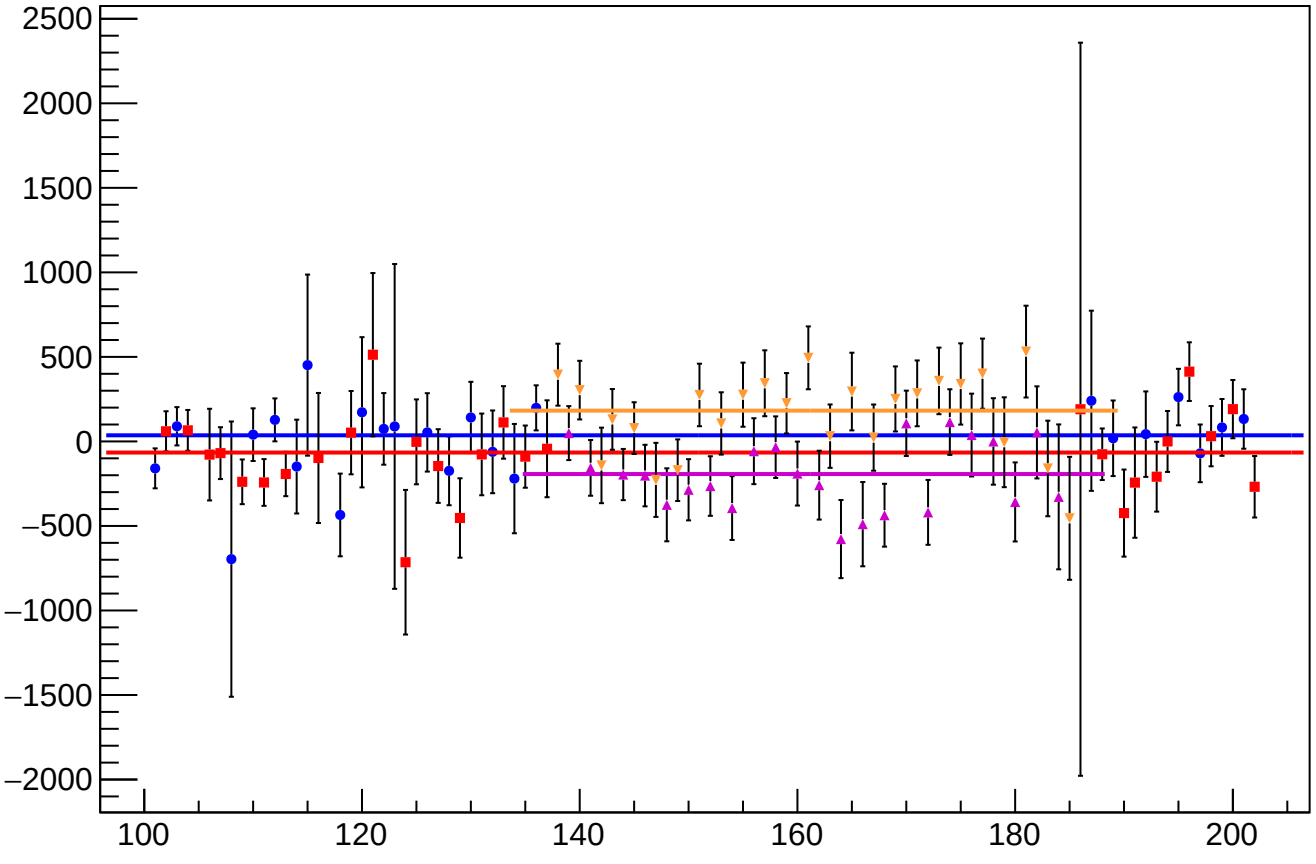
Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

+ sign 2204.835+/-0.302 χ^2/NDF: 5071260.4/48

All: 2219.728+/-0.213 χ^2/NDF: 11871002.3/9

- sign 2234.457+/-0.300 χ^2/NDF: 6794895.8/50

dit_asym_sam5_mean vs Slug



Right In: 36.195+/-39.506 χ^2/NDF: 15.5/23

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: -65.783+/-35.742 χ^2/NDF: 28.4/27

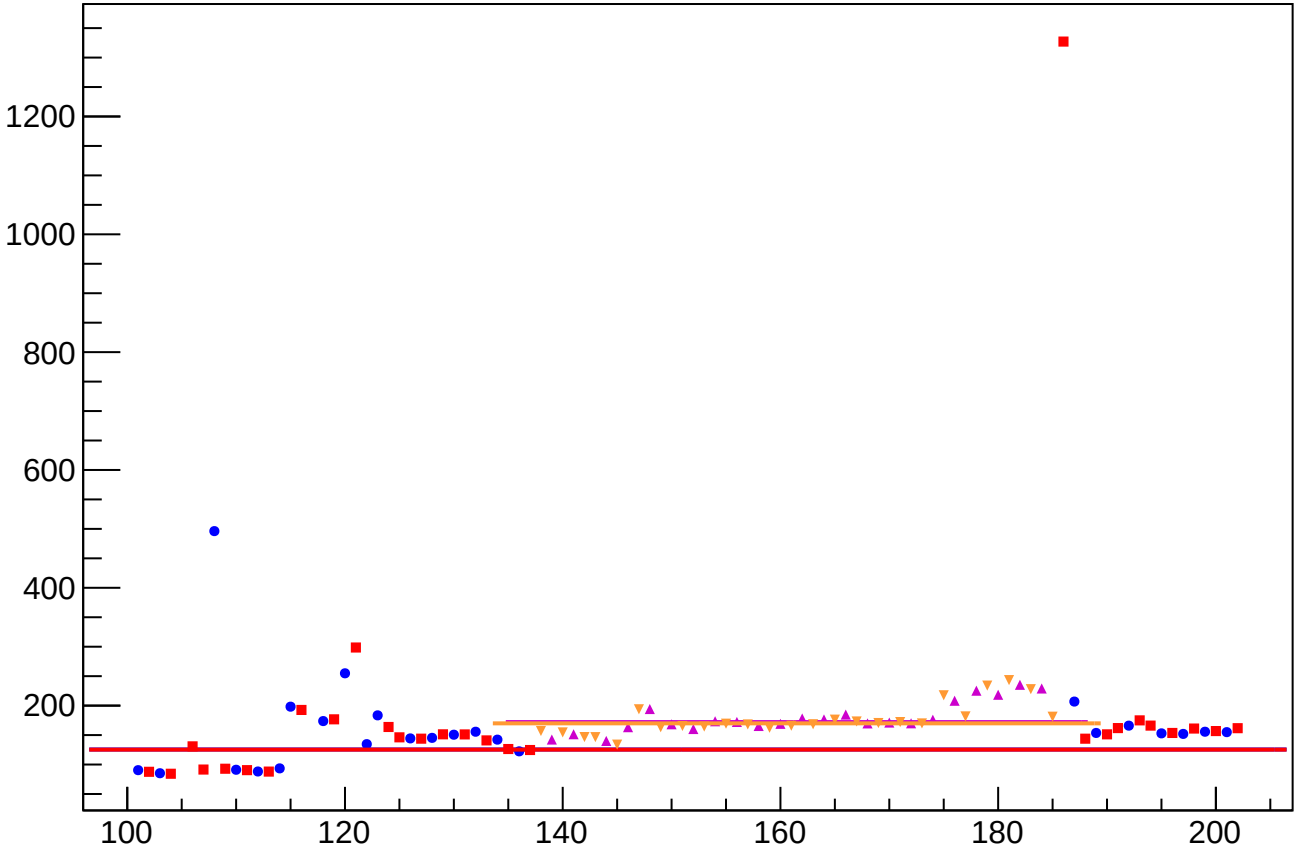
Left In: -193.004+/-41.384 χ^2/NDF:21.1/22

+ sign 108.123+/-28.143 χ^2/NDF: 49.2/48

All: -10.525+/-19.502 χ^2/NDF: 138.3/99

- sign -120.137+/-27.050 χ^2/NDF: 54.9/50

dit_asym_sam5_rms vs Slug



Right In: 125.555+/-0.028 χ^2/NDF: 1884413.9/23

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 125.293+/-0.025 χ^2/NDF: 2635460.7/27

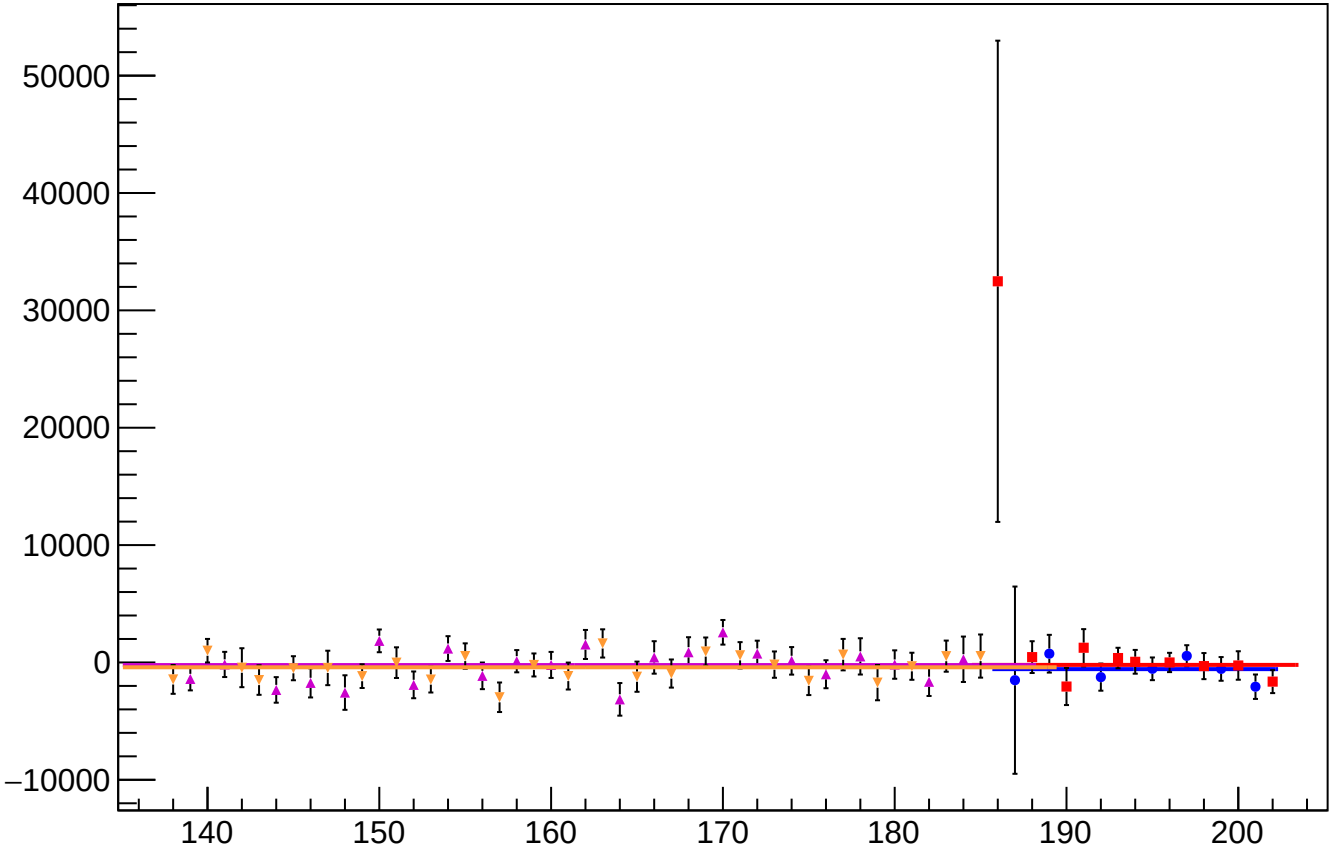
Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

+ sign 147.398+/-0.020 χ^2/NDF: 3789049.3/48

All: 146.295+/-0.014 χ^2/NDF: 8483339.5/99

- sign 145.276+/-0.019 χ^2/NDF: 4688379.3/50

asym_sam5_correction_mean vs Slug



Right In: -569.251+/-433.393 χ^2/NDF: 4.6/6

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -208.490+/-361.783 χ^2/NDF: 7.7/9

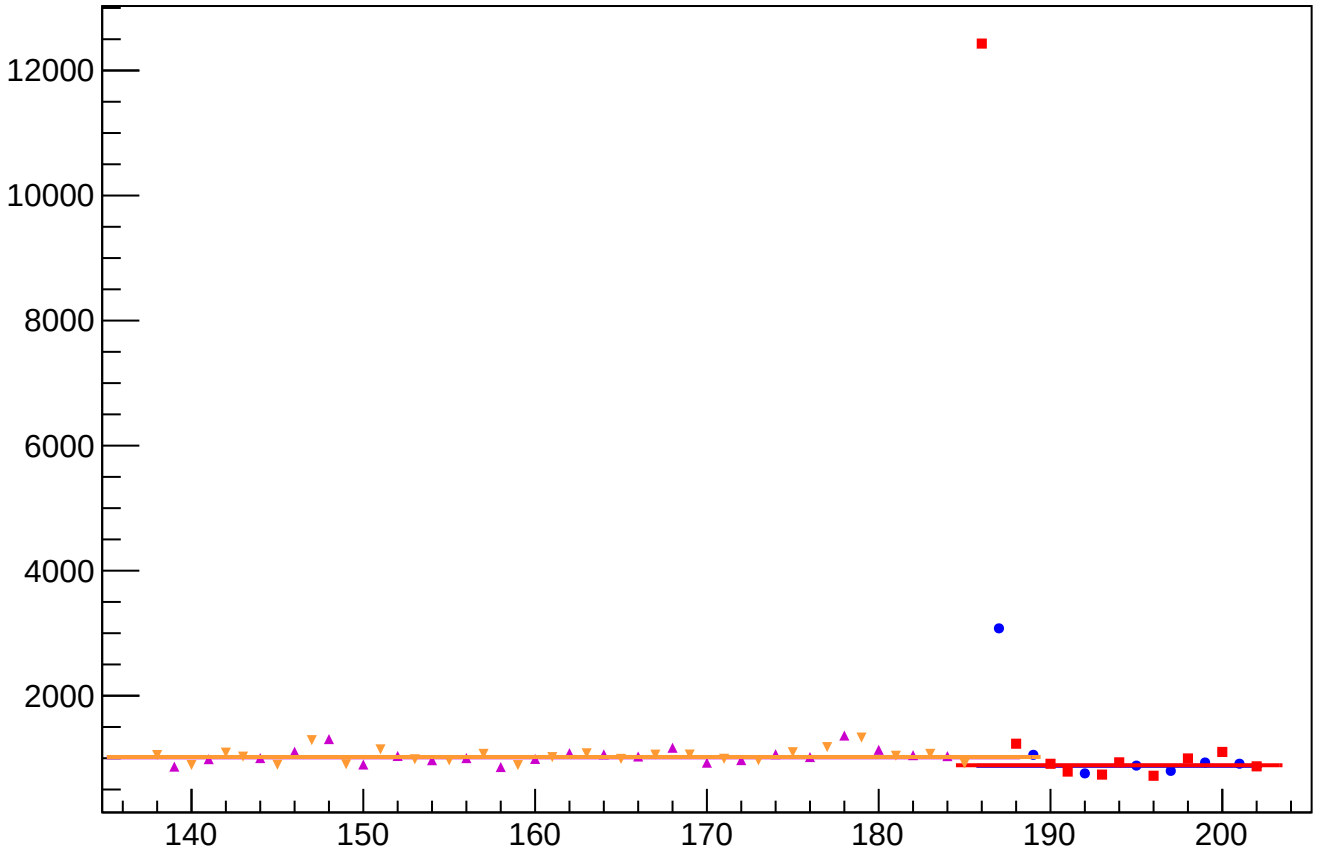
Left In: -223.332+/-243.771 χ^2/NDF:36.0/22

+ sign -449.586+/-210.143 χ^2/NDF: 23.8/31

All: -329.674+/-145.690 χ^2/NDF: 68.1/64

- sign -218.698+/-202.161 χ^2/NDF: 43.7/32

asym_sam5_correction_rms vs Slug



Right In: 879.084+/-0.306 χ^2/NDF: 221155.5/6

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 888.038+/-0.256 χ^2/NDF: 999833.3/9

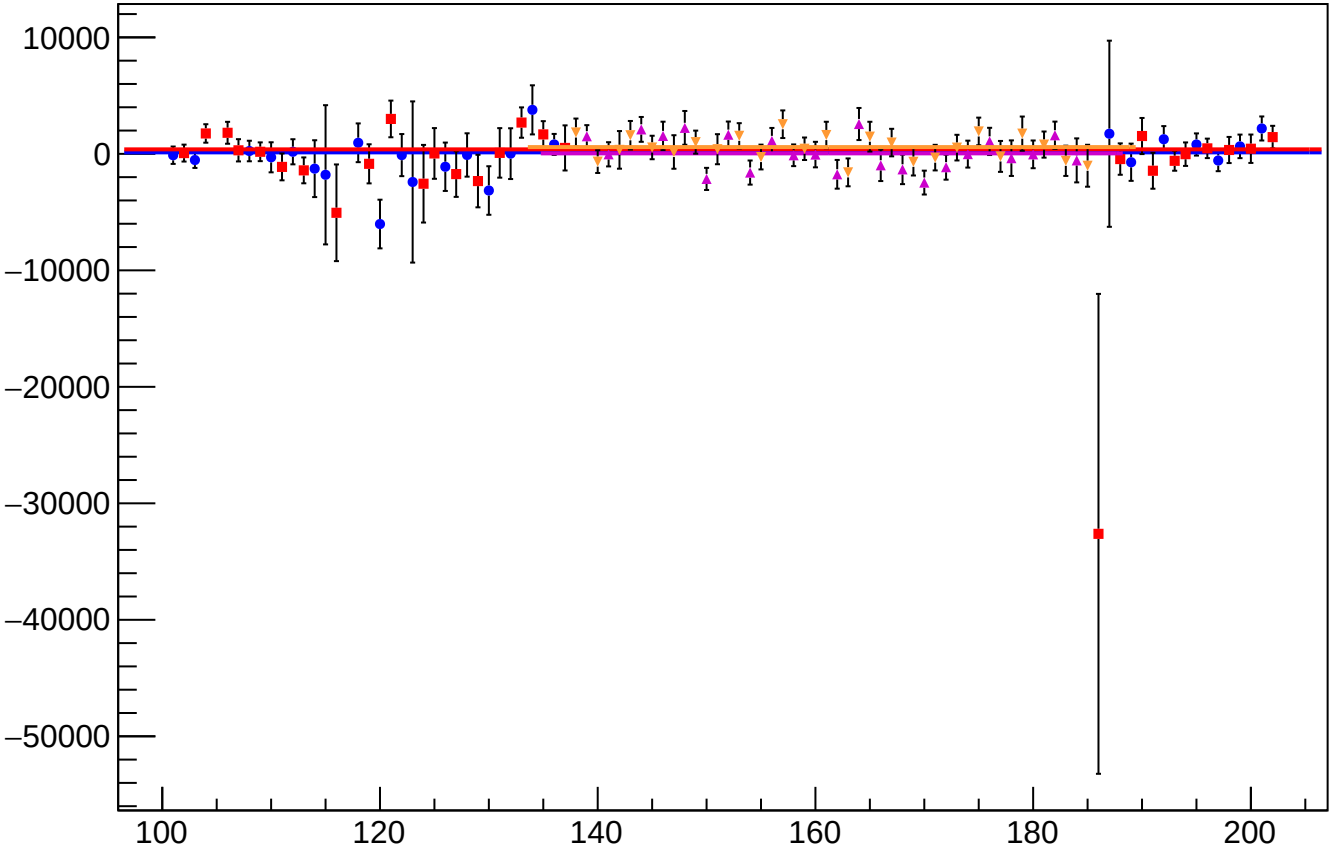
Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

+ sign 986.983+/-0.149 χ^2/NDF: 753093.5/31

All: 980.945+/-0.103 χ^2/NDF: 2330371.7/64

- sign 975.356+/-0.143 χ^2/NDF: 1574098.1/32

asym_sam5_mean vs Slug



Right In: 128.143+/-252.769 χ^2/NDF: 23.7/23

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: 386.017+/-223.852 χ^2/NDF: 30.4/27

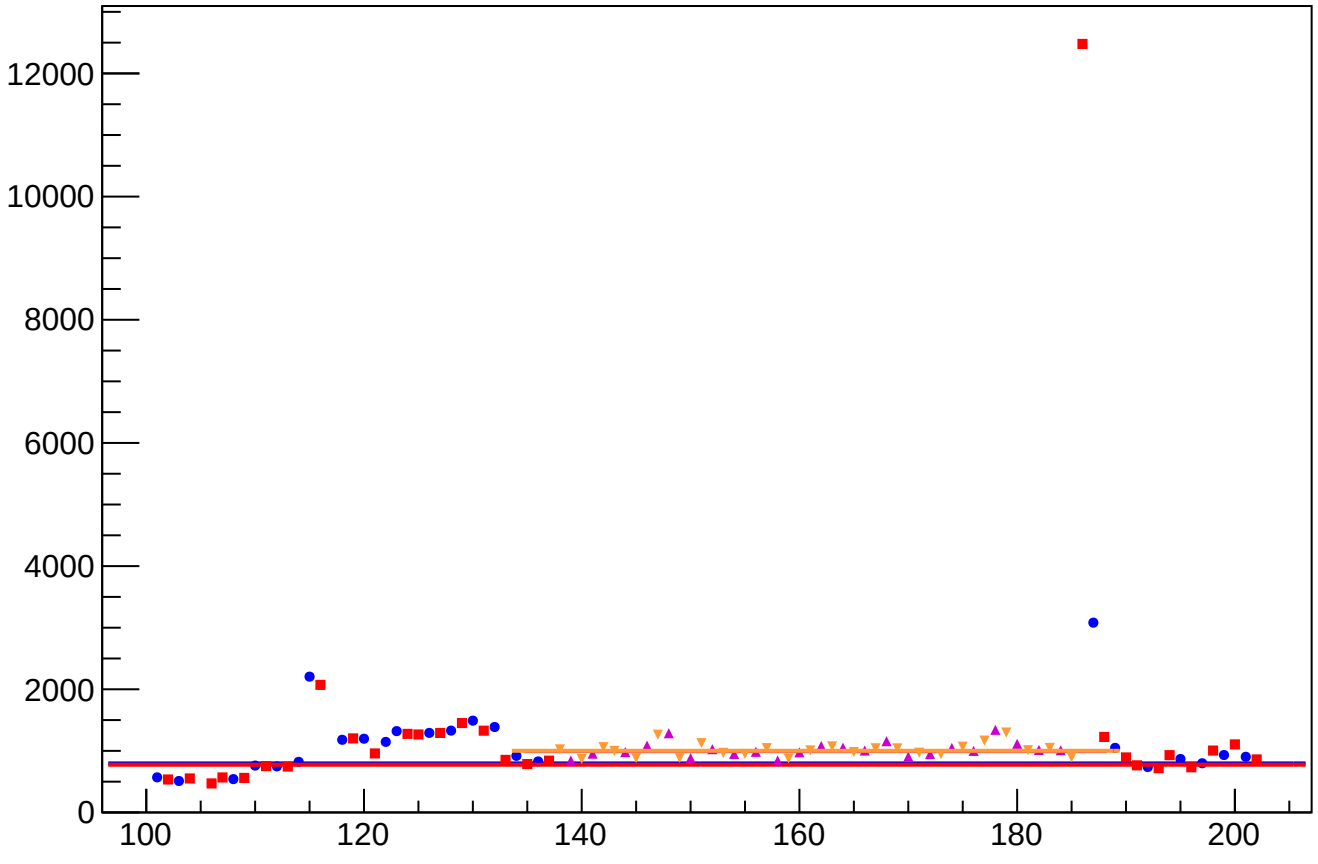
Left In: 42.397+/-239.278 χ^2/NDF:37.9/22

+ sign 370.075+/-172.338 χ^2/NDF: 43.8/48

All: 294.045+/-118.602 χ^2/NDF: 113.5/99

- sign 225.640+/-163.469 χ^2/NDF: 69.3/50

asym_sam5_rms vs Slug



Right In: 796.469+/-0.179 χ^2/NDF: 2031390.3/23

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 774.897+/-0.158 χ^2/NDF: 2973430.7/27

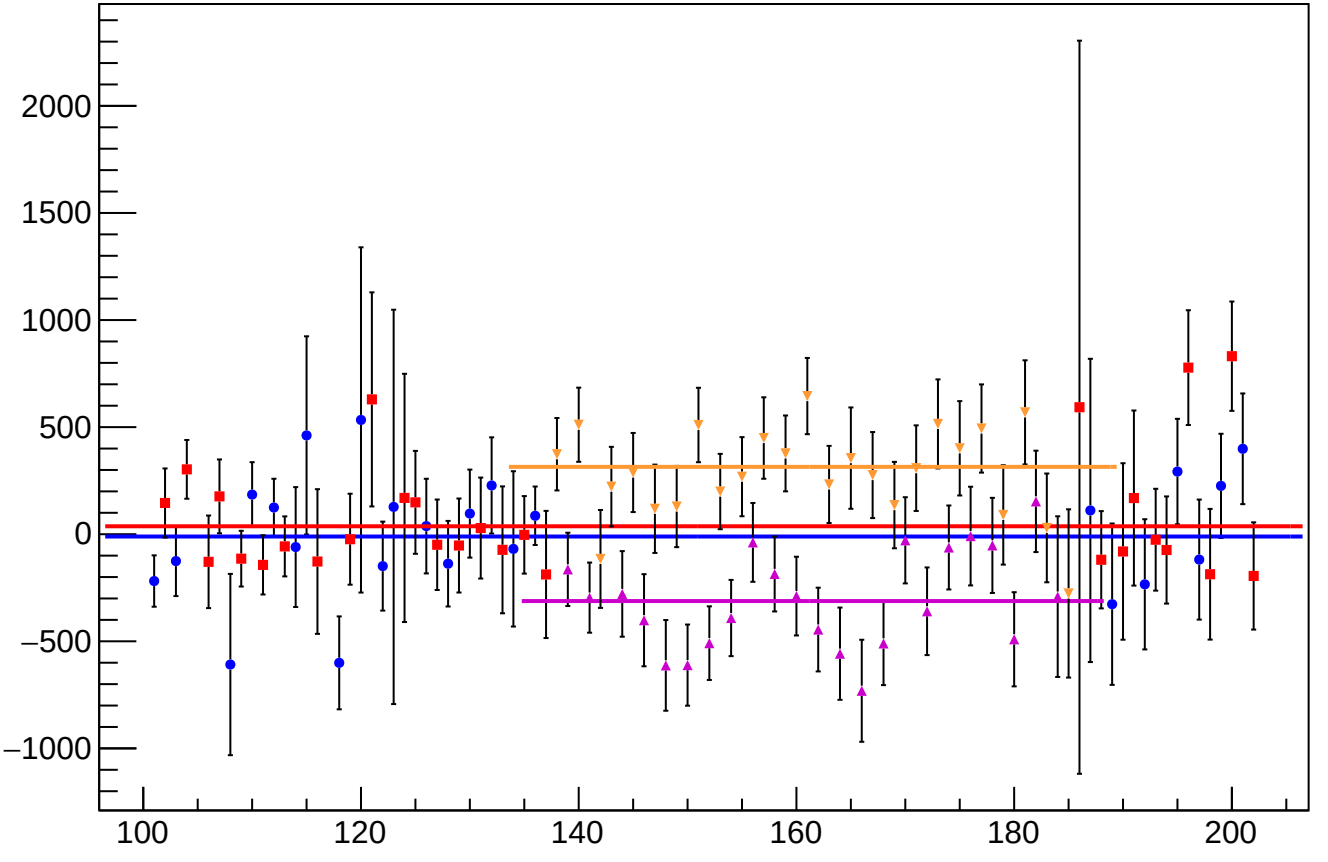
Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

+ sign 906.048+/-0.122 χ^2/NDF: 3104029.3/48

All: 891.232+/-0.084 χ^2/NDF: 7437275.8/99

- sign 877.901+/-0.116 χ^2/NDF: 4305162.4/50

dit_asym_sam6_mean vs Slug



Right In: -10.735+/-44.398 χ^2/NDF: 26.3/23

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: 37.074+/-40.827 χ^2/NDF: 31.8/27

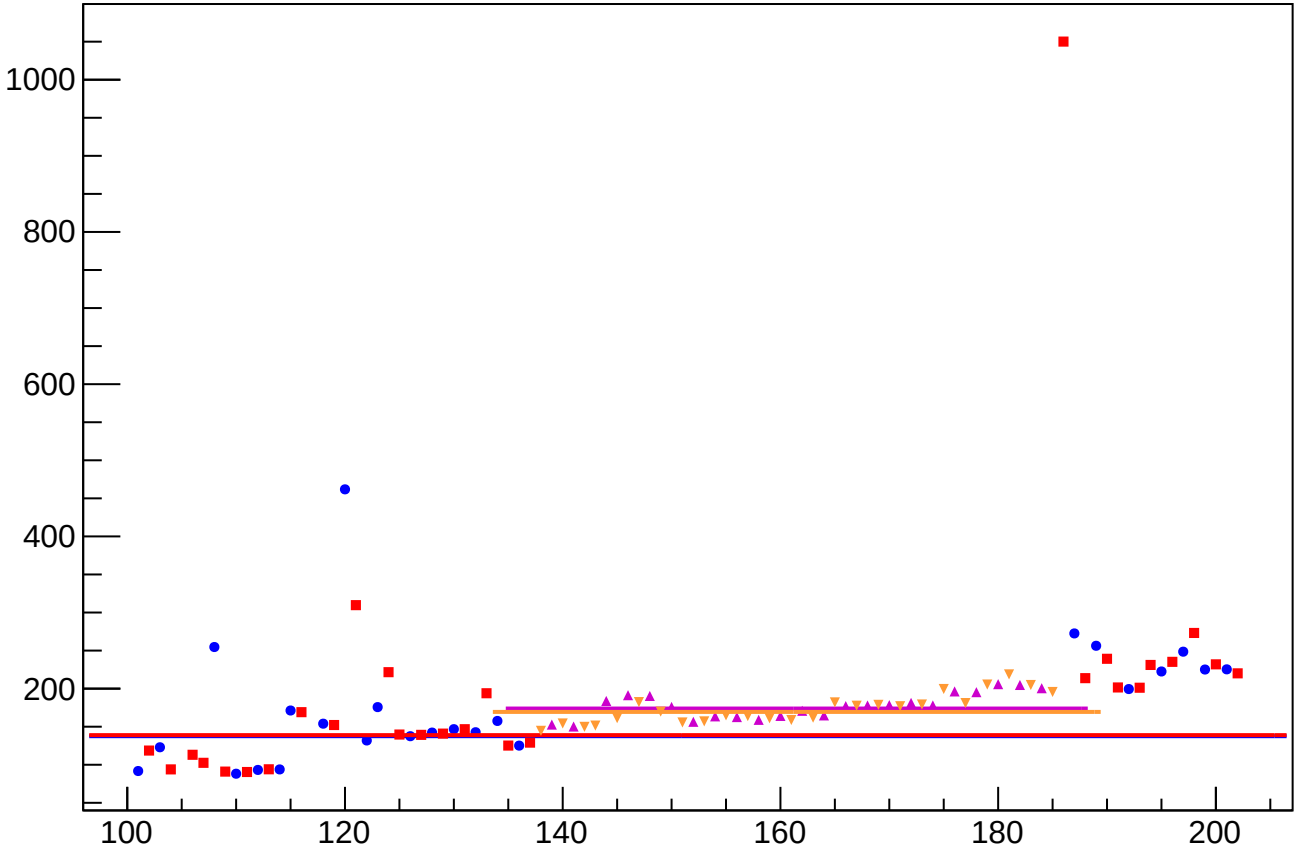
Left In: -312.097+/-41.646 χ^2/NDF:26.9/22

+ sign 169.529+/-29.643 χ^2/NDF: 77.4/48

All: 15.218+/-20.786 χ^2/NDF: 225.3/99

- sign -134.045+/-29.154 χ^2/NDF: 94.6/50

dit_asym_sam6_rms vs Slug



Right In: 137.536+/-0.031 χ^2/NDF: 2715602.3/23

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 138.915+/-0.029 χ^2/NDF: 3949307.0/27

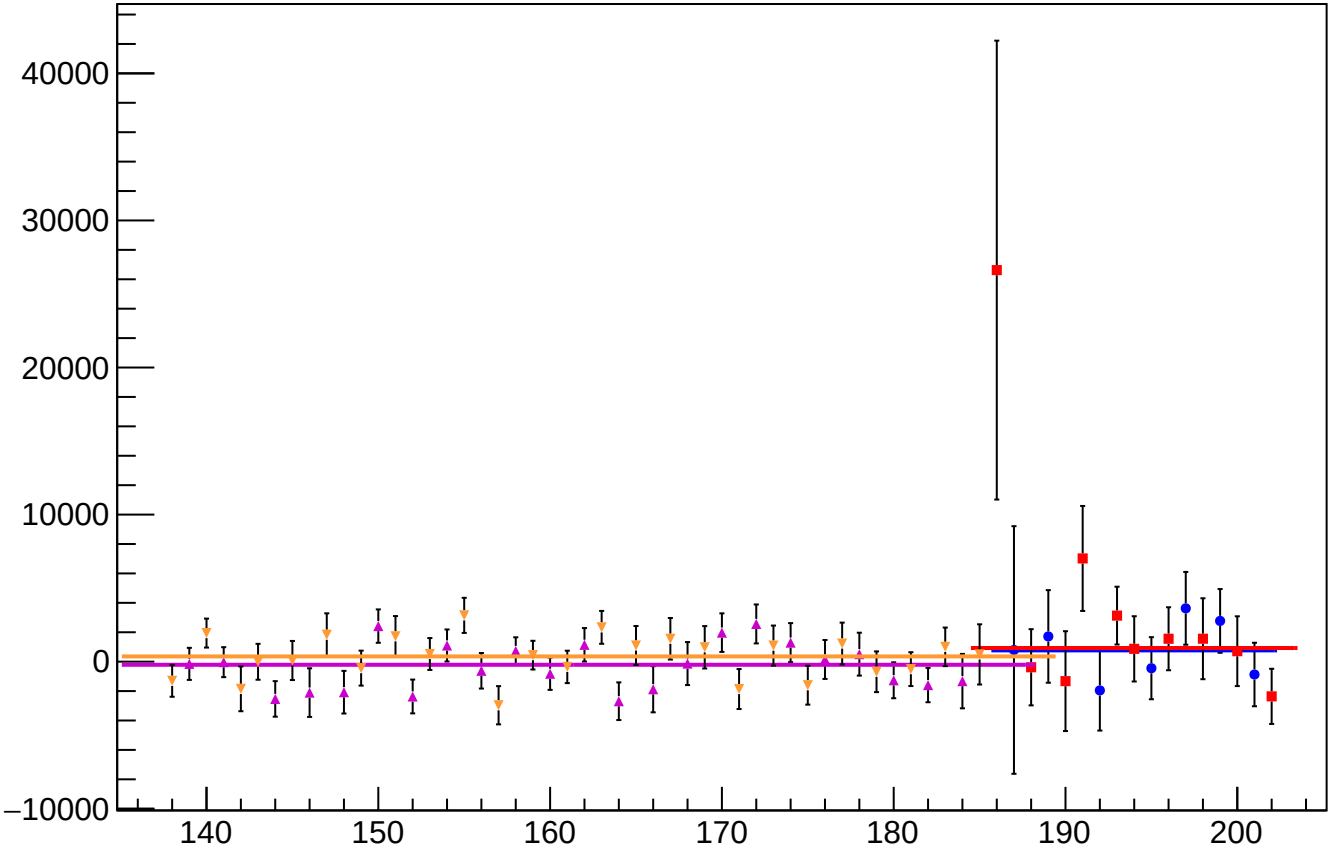
Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

+ sign 155.214+/-0.021 χ^2/NDF: 3674128.9/48

All: 155.631+/-0.015 χ^2/NDF: 8633476.2/99

- sign 156.034+/-0.021 χ^2/NDF: 4958568.4/50

asym_sam6_correction_mean vs Slug



Right In: 767.809+/-969.398 χ^2/NDF: 4.2/6

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: 928.069+/-792.369 χ^2/NDF: 10.8/9

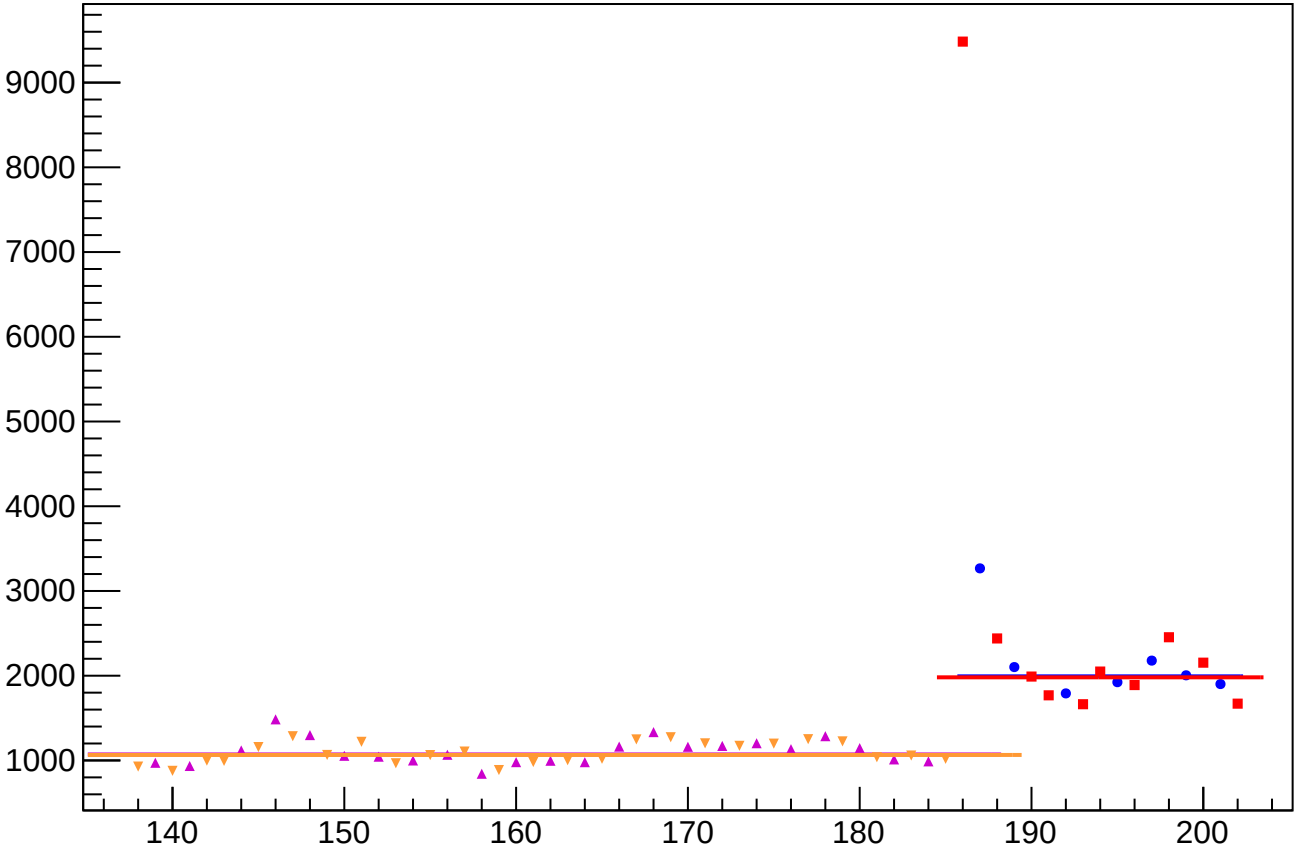
Left In: -212.007+/-257.383 χ^2/NDF:36.0/22

+ sign 382.434+/-242.927 χ^2/NDF: 37.7/31

All: 141.477+/-172.431 χ^2/NDF: 88.4/64

- sign -103.195+/-244.793 χ^2/NDF: 48.7/32

asym_sam6_correction_rms vs Slug



Right In: 1992.413+/-0.685 χ^2/NDF: 76093.6/6

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 1980.809+/-0.560 χ^2/NDF: 714747.4/9

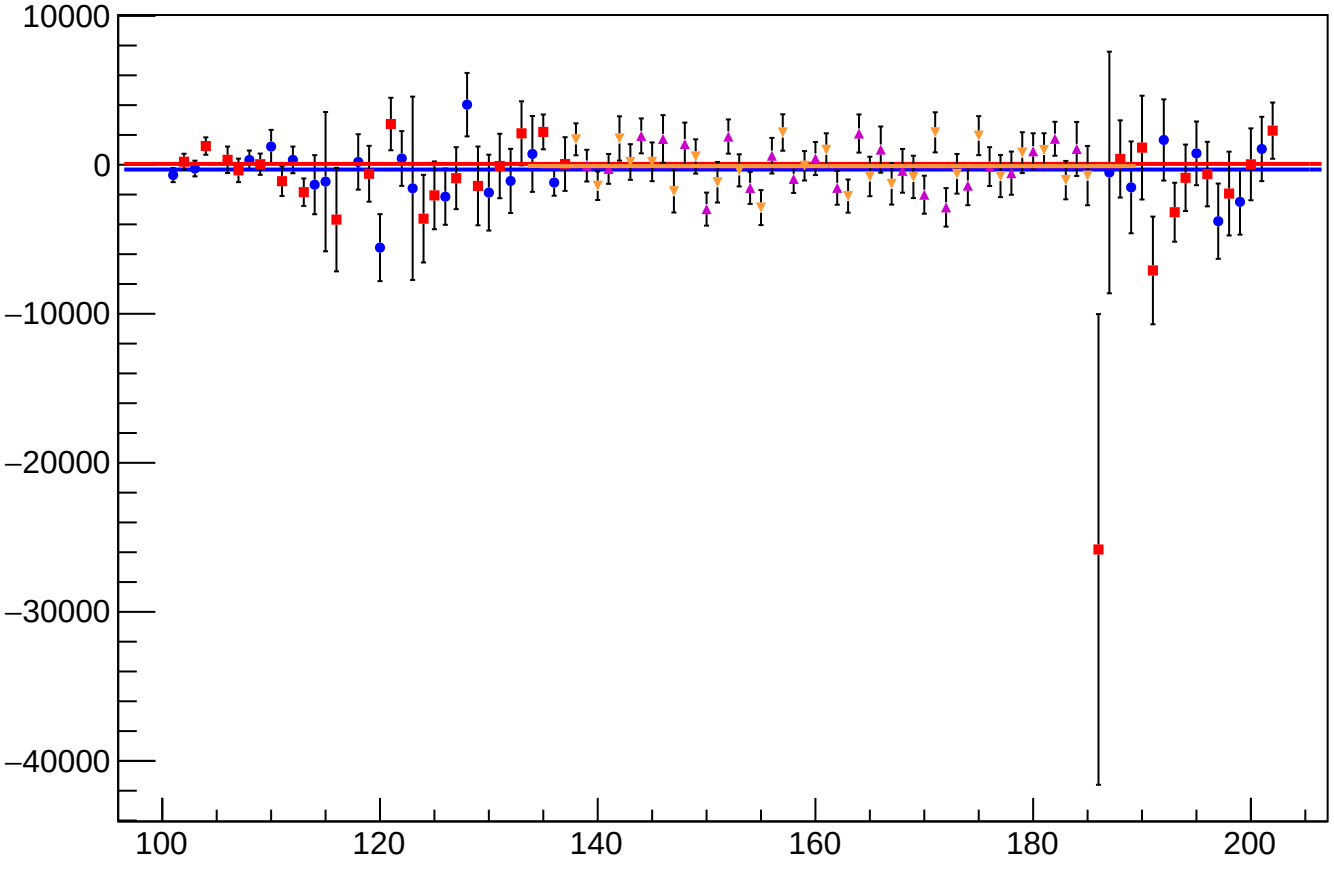
Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

+ sign 1123.117+/-0.172 χ^2/NDF: 2285749.5/31

All: 1140.205+/-0.122 χ^2/NDF: 5977589.8/64

- sign 1157.557+/-0.173 χ^2/NDF: 3671894.3/32

asym_sam6_mean vs Slug



Right In: -320.900+/-242.205 χ^2/NDF: 21.1/23

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: 57.053+/-236.632 χ^2/NDF: 32.7/27

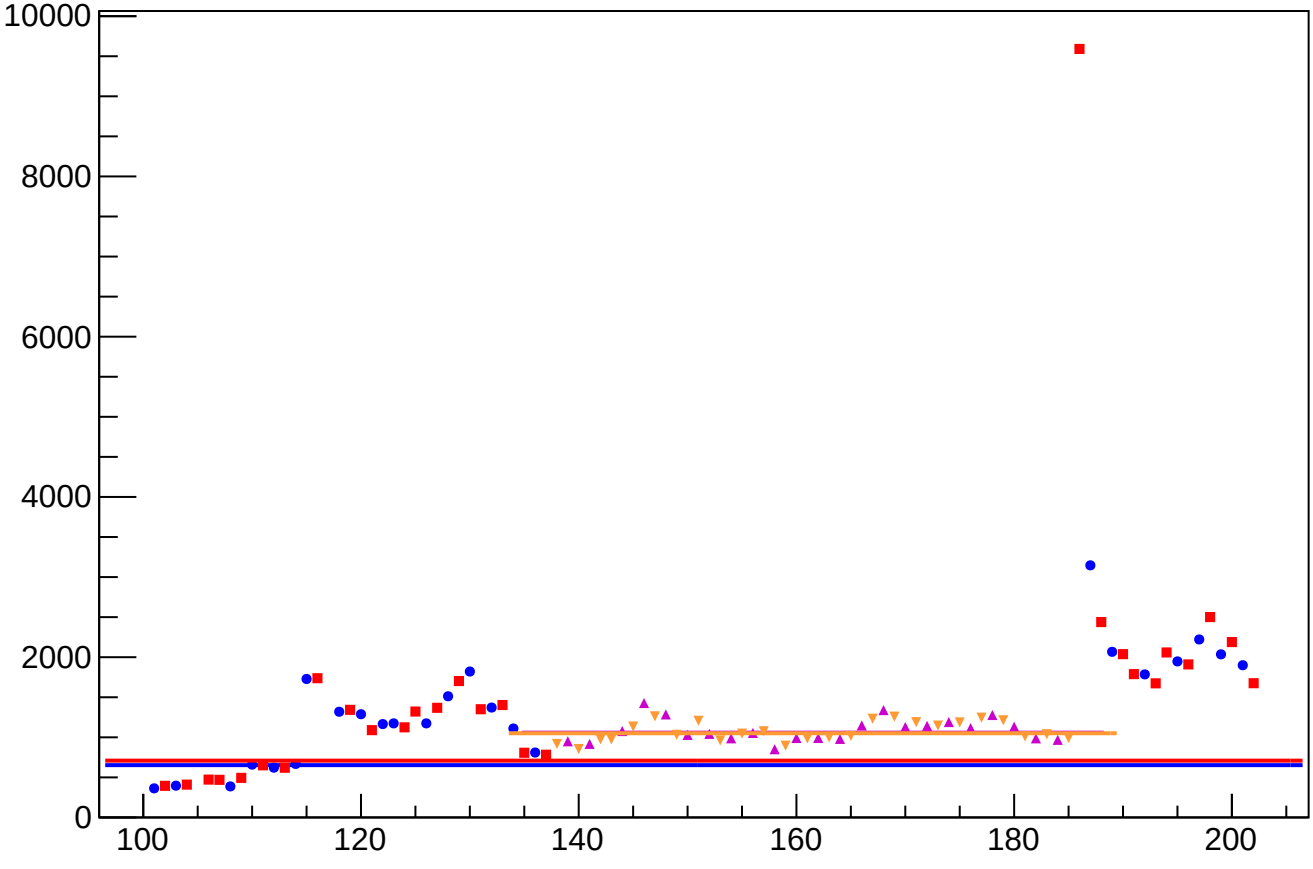
Left In: -110.879+/-254.337 χ^2/NDF:35.2/22

+ sign -207.659+/-173.028 χ^2/NDF: 52.5/48

All: -114.380+/-122.426 χ^2/NDF: 121.1/99

- sign -20.865+/-173.246 χ^2/NDF: 68.1/50

asym_sam6_rms vs Slug



Right In: 652.894+/-0.171 χ^2/NDF: 7432325.7/23

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 709.055+/-0.167 χ^2/NDF: 9227934.7/27

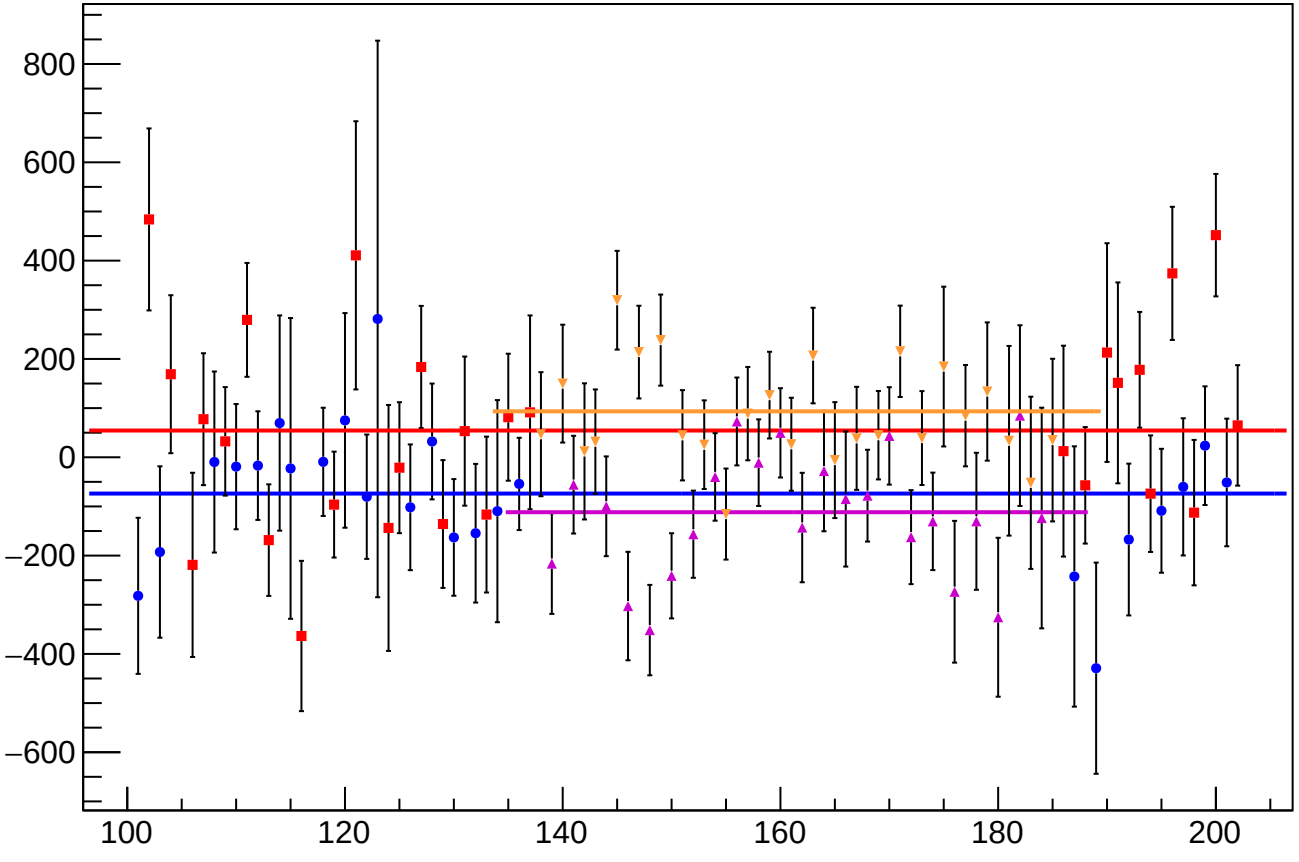
Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

+ sign 847.787+/-0.122 χ^2/NDF: 10560471.0/48

All: 859.395+/-0.087 χ^2/NDF: 22358371.4/99

- sign 871.032+/-0.123 χ^2/NDF: 11779875.5/50

dit_asym_sam7_mean vs Slug



Right In: -73.804+/-29.436 χ^2/NDF: 10.5/23

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: 54.419+/-26.674 χ^2/NDF: 53.2/27

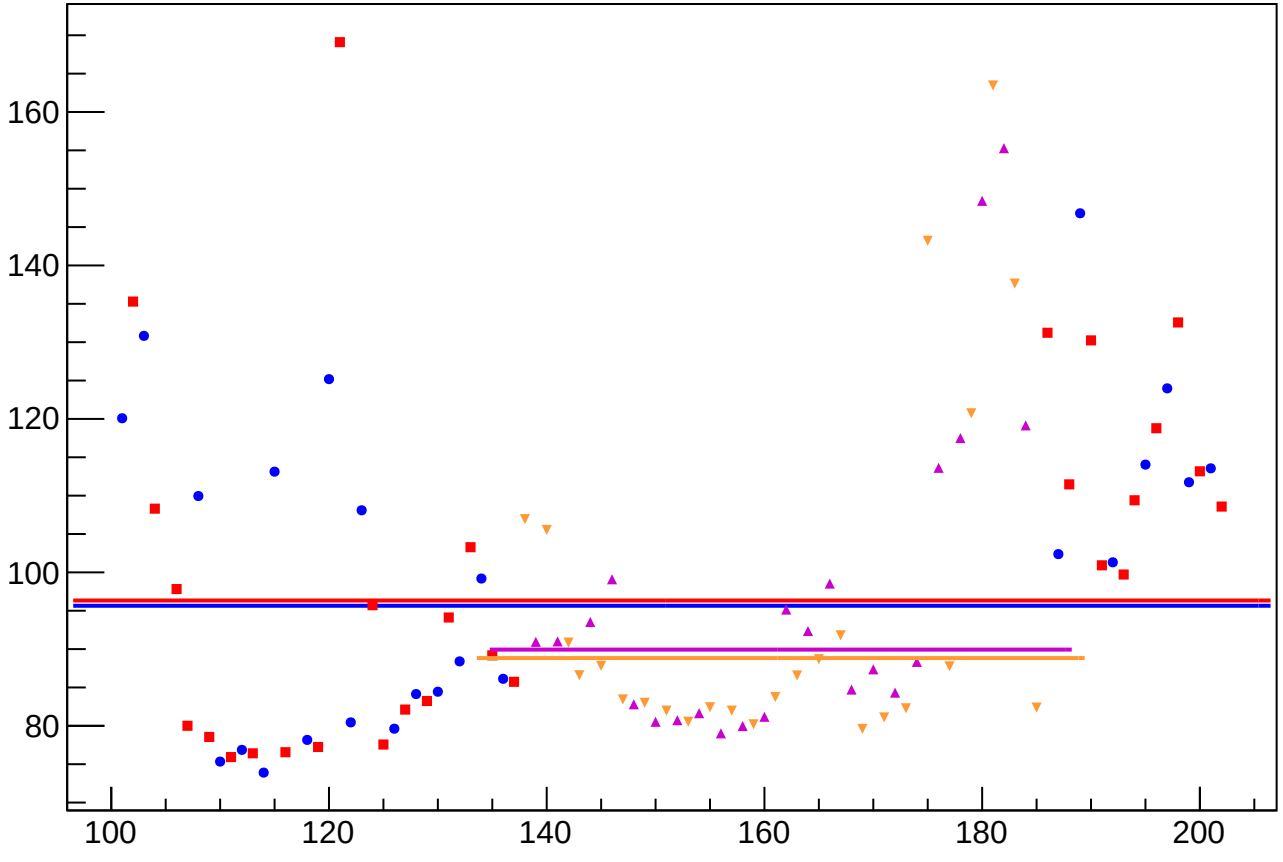
Left In: -111.732+/-21.971 χ^2/NDF:30.7/22

+ sign 36.057+/-17.248 χ^2/NDF: 54.5/48

All: -4.939+/-12.093 χ^2/NDF: 172.7/99

- sign -44.573+/-16.959 χ^2/NDF: 107.1/50

dit_asym_sam7_rms vs Slug



Right In: 95.649+/-0.021 χ^2/NDF: 803477.8/23

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 96.334+/-0.019 χ^2/NDF: 1036520.9/27

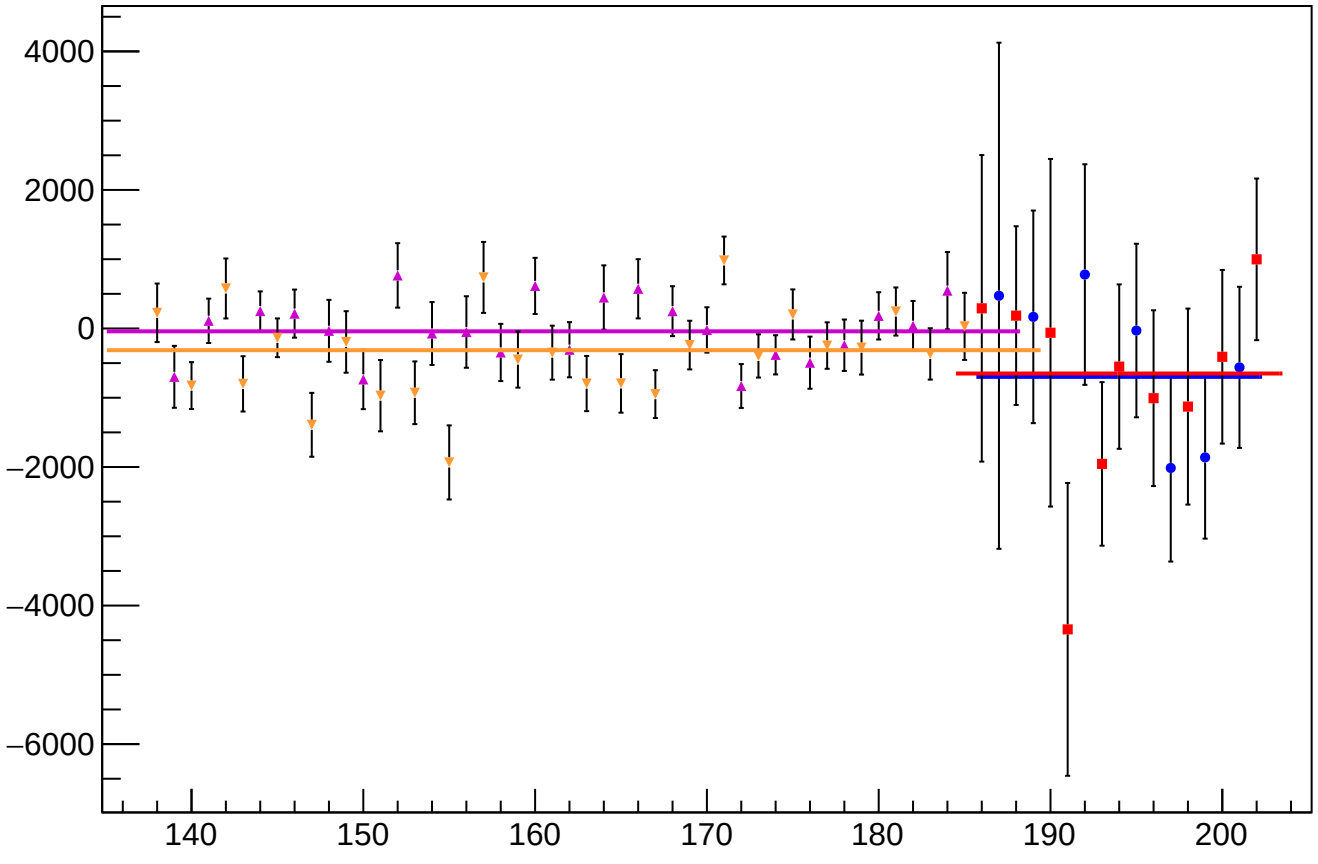
Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

+ sign 91.171+/-0.012 χ^2/NDF: 1874622.3/48

All: 91.858+/-0.009 χ^2/NDF: 3860108.2/99

- sign 92.521+/-0.012 χ^2/NDF: 1979256.0/50

asym_sam7_correction_mean vs Slug



Right In: -698.271+/-531.146 χ^2/NDF: 3.5/6

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: -650.100+/-442.483 χ^2/NDF: 7.2/9

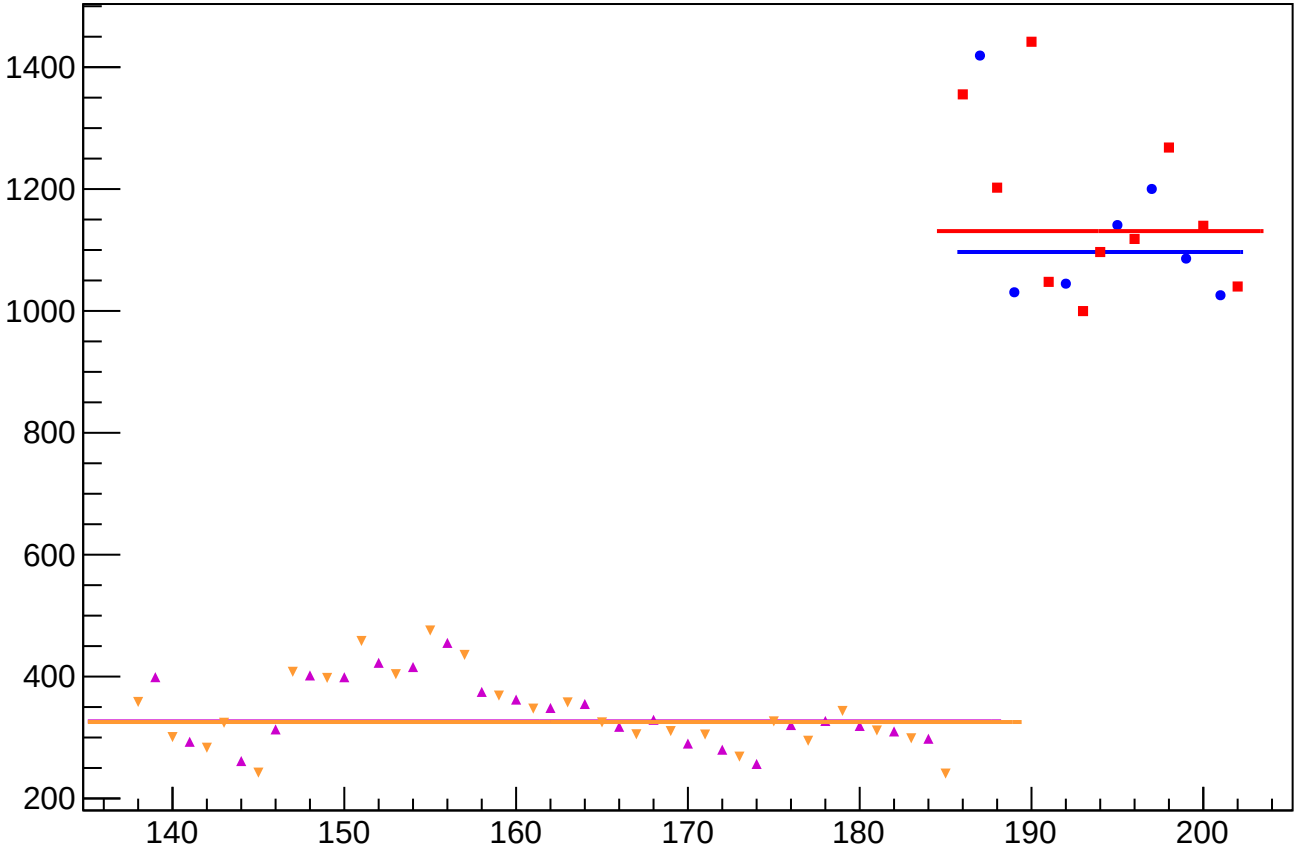
Left In: -41.244+/-78.858 χ^2/NDF:28.0/22

+ sign -321.435+/-76.528 χ^2/NDF: 62.1/31

All: -192.588+/-54.500 χ^2/NDF: 104.9/64

- sign -59.986+/-77.634 χ^2/NDF: 37.0/32

asym_sam7_correction_rms vs Slug



Right In: 1096.720+/-0.376 χ^2/NDF: 43226.8/6

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1131.015+/-0.313 χ^2/NDF: 118088.1/9

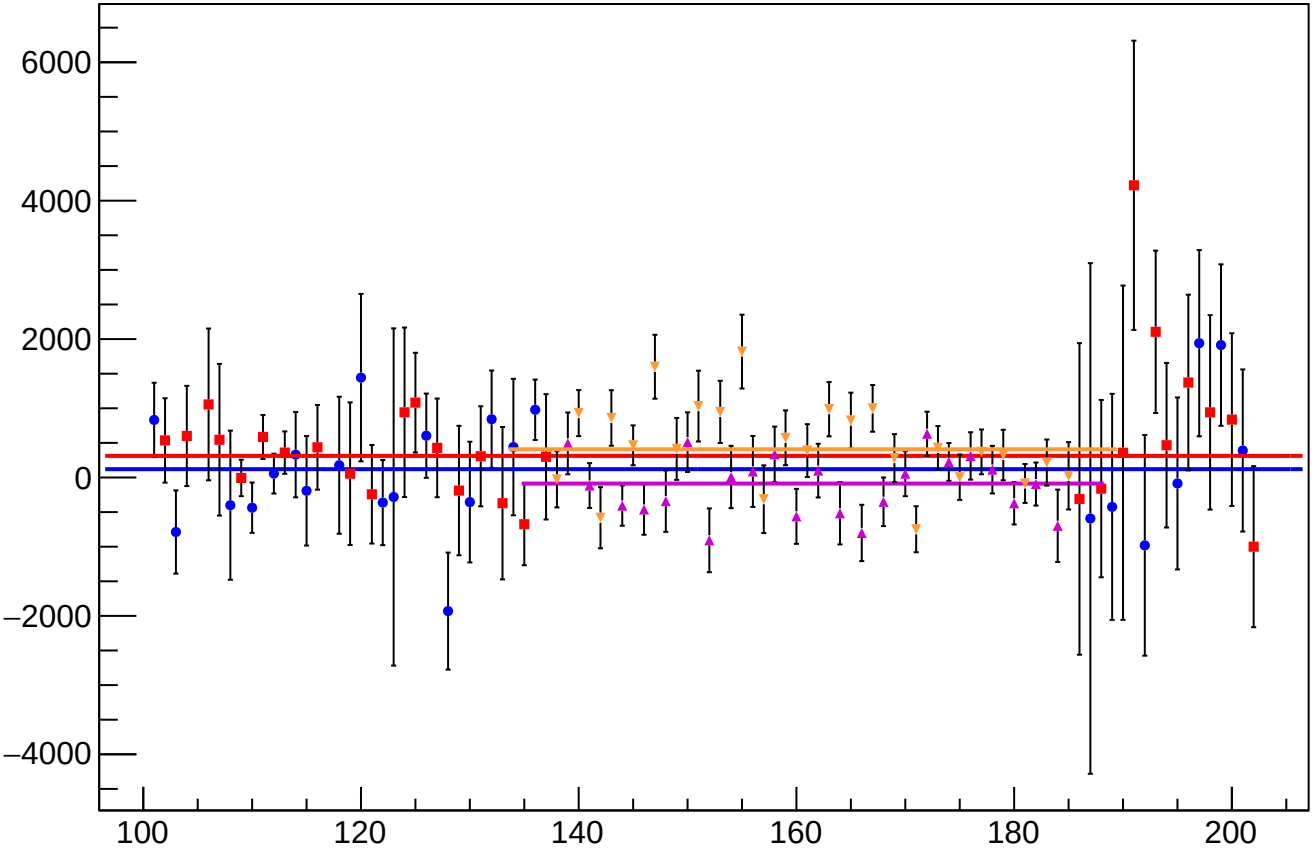
Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

+ sign 341.443+/-0.054 χ^2/NDF: 5173966.7/31

All: 346.292+/-0.039 χ^2/NDF: 12557293.9/64

- sign 351.282+/-0.055 χ^2/NDF: 7367036.8/32

asym_sam7_mean vs Slug



Right In: 120.298+/-137.776 χ^2/NDF: 25.5/23

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: 312.162+/-124.503 χ^2/NDF: 17.0/27

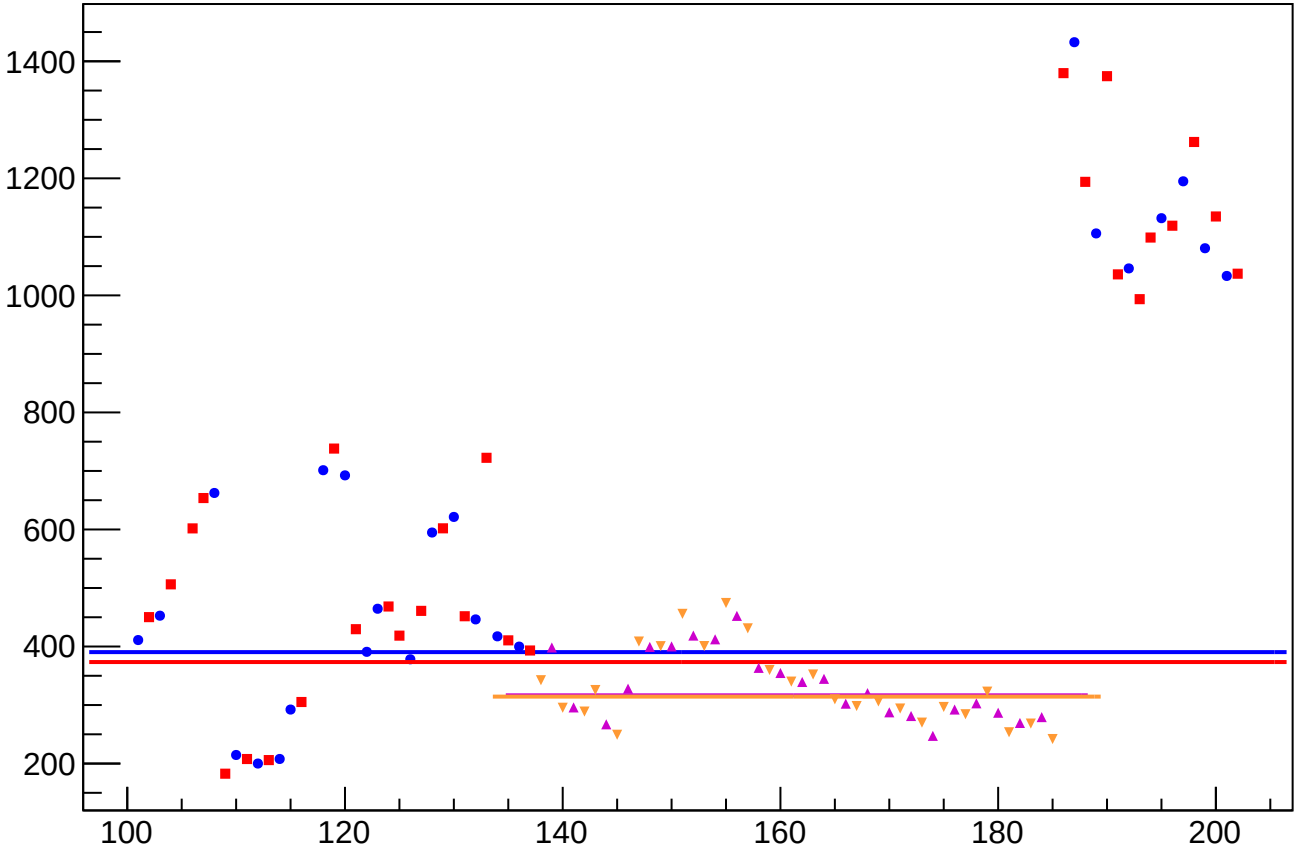
Left In: -87.657+/-76.572 χ^2/NDF:27.4/22

+ sign 342.115+/-65.690 χ^2/NDF: 81.9/48

All: 180.953+/-46.284 χ^2/NDF: 145.8/99

- sign 22.070+/-65.223 χ^2/NDF: 51.9/50

asym_sam7_rms vs Slug



Right In: 390.436+/-0.097 χ^2/NDF: 5906878.0/23

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 373.462+/-0.088 χ^2/NDF: 9152403.4/27

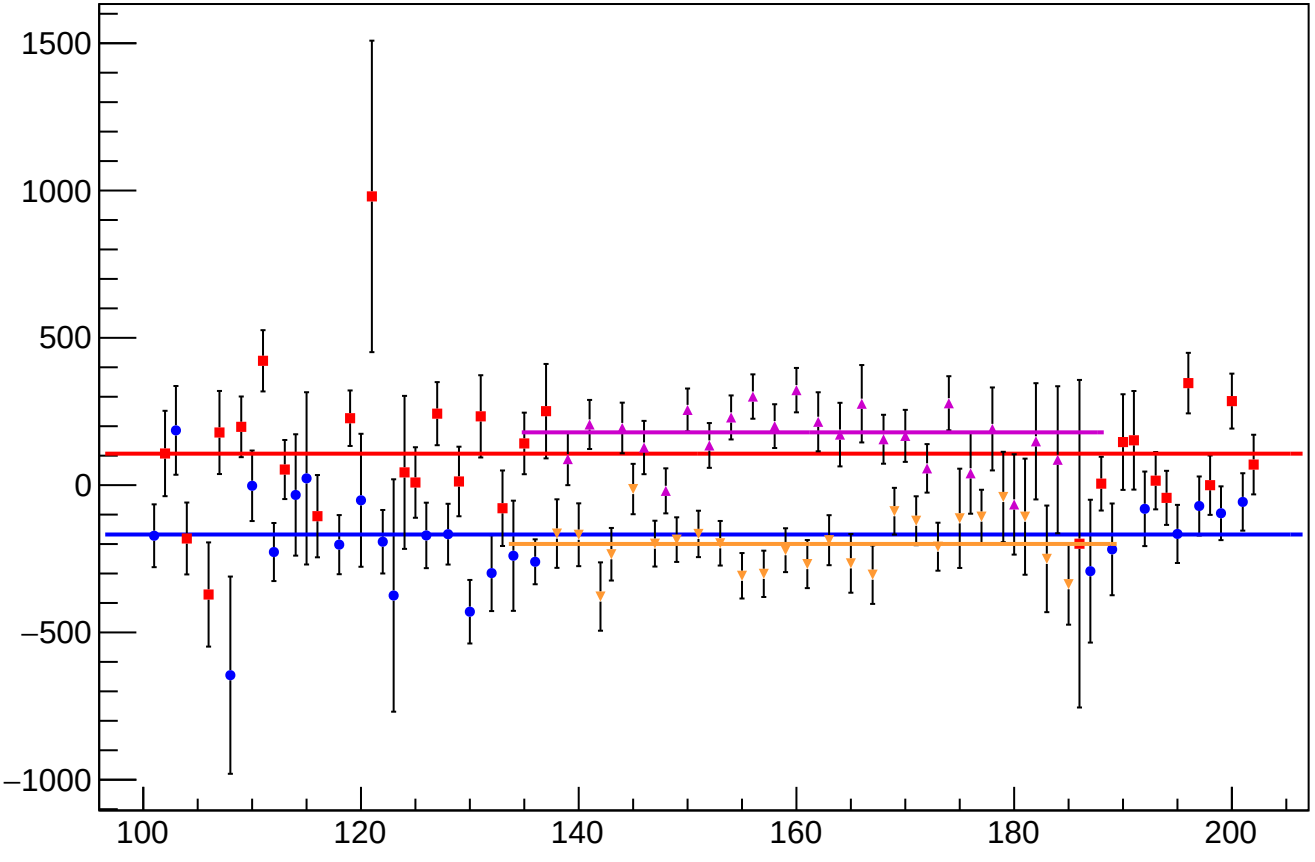
Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

+ sign 331.688+/-0.046 χ^2/NDF: 7489736.3/48

All: 331.955+/-0.033 χ^2/NDF: 17874365.8/99

- sign 332.217+/-0.046 χ^2/NDF: 10384564.3/50

dit_asym_sam8_mean vs Slug



Right In: -167.585+/-24.764 χ^2/NDF: 23.6/23

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: 106.817+/-22.564 χ^2/NDF: 52.5/27

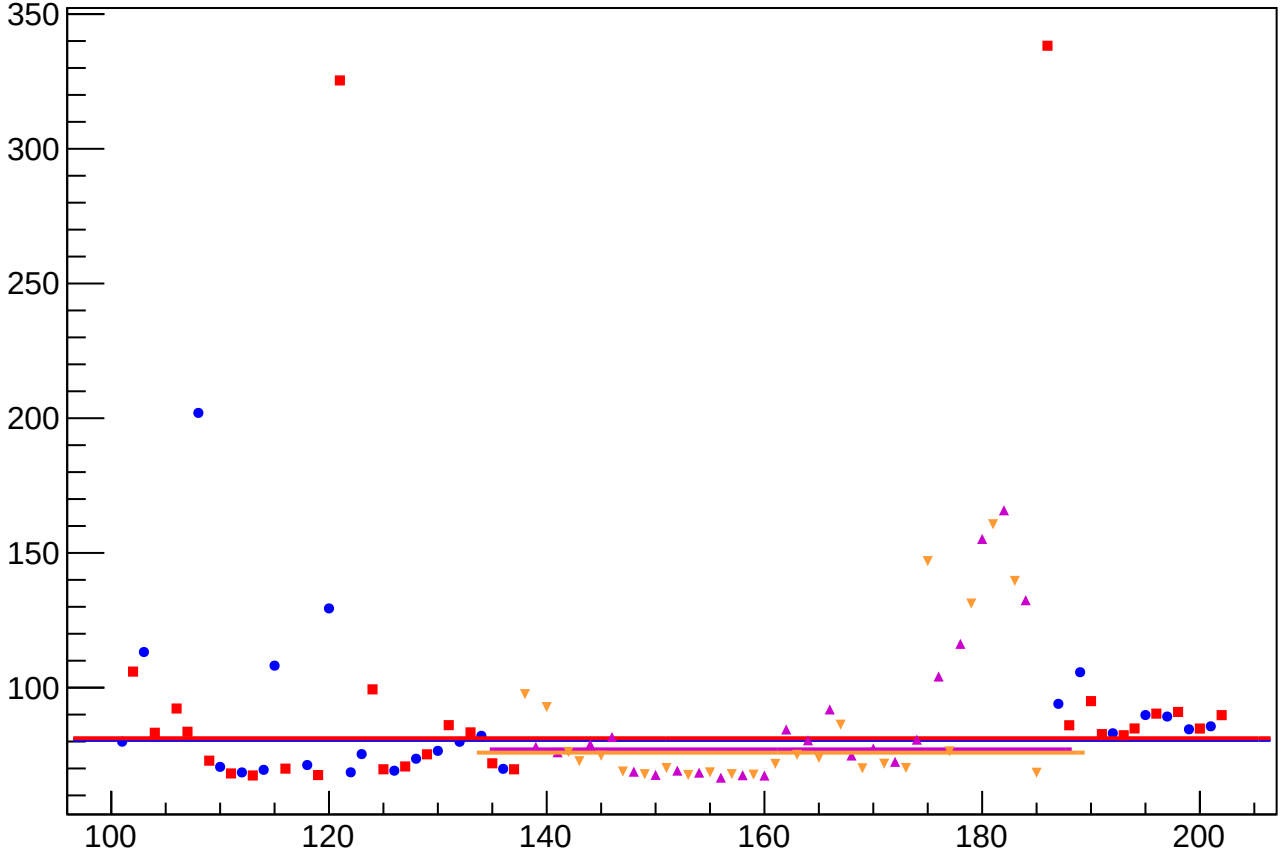
Left In: 179.154+/-19.112 χ^2/NDF:23.9/22

+ sign -188.197+/-14.796 χ^2/NDF: 44.9/48

All: -17.191+/-10.386 χ^2/NDF: 390.5/99

- sign 148.937+/-14.584 χ^2/NDF: 82.3/50

dit_asym_sam8_rms vs Slug



Right In: 80.604+/-0.018 χ^2/NDF: 733910.3/23

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 81.217+/-0.016 χ^2/NDF: 1216293.0/27

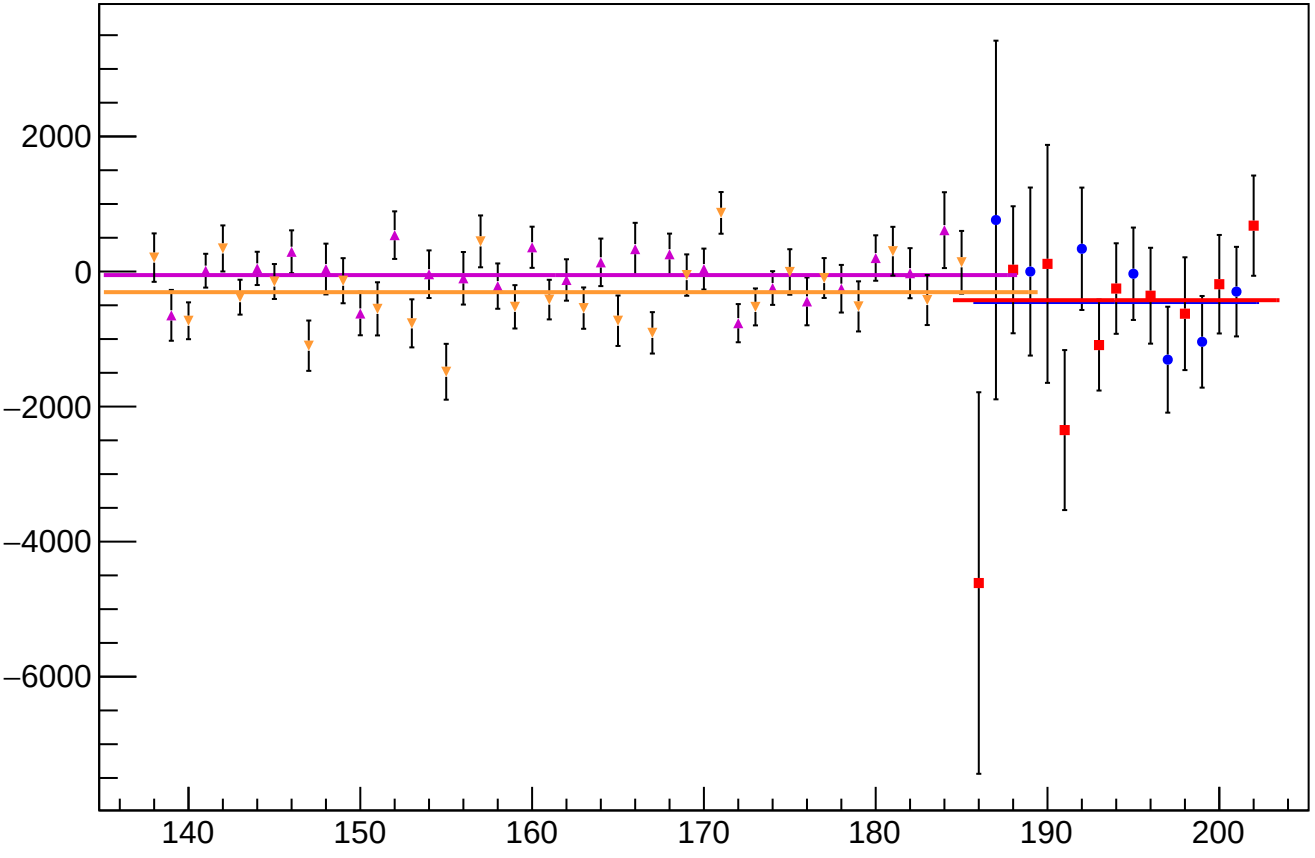
Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

+ sign 77.568+/-0.010 χ^2/NDF: 2333138.9/48

All: 78.197+/-0.007 χ^2/NDF: 5018681.1/99

- sign 78.808+/-0.010 χ^2/NDF: 2678423.3/50

asym_sam8_correction_mean vs Slug



Right In: -451.581+/-312.934 χ^2/NDF: 3.5/6

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: -424.606+/-268.891 χ^2/NDF: 8.6/9

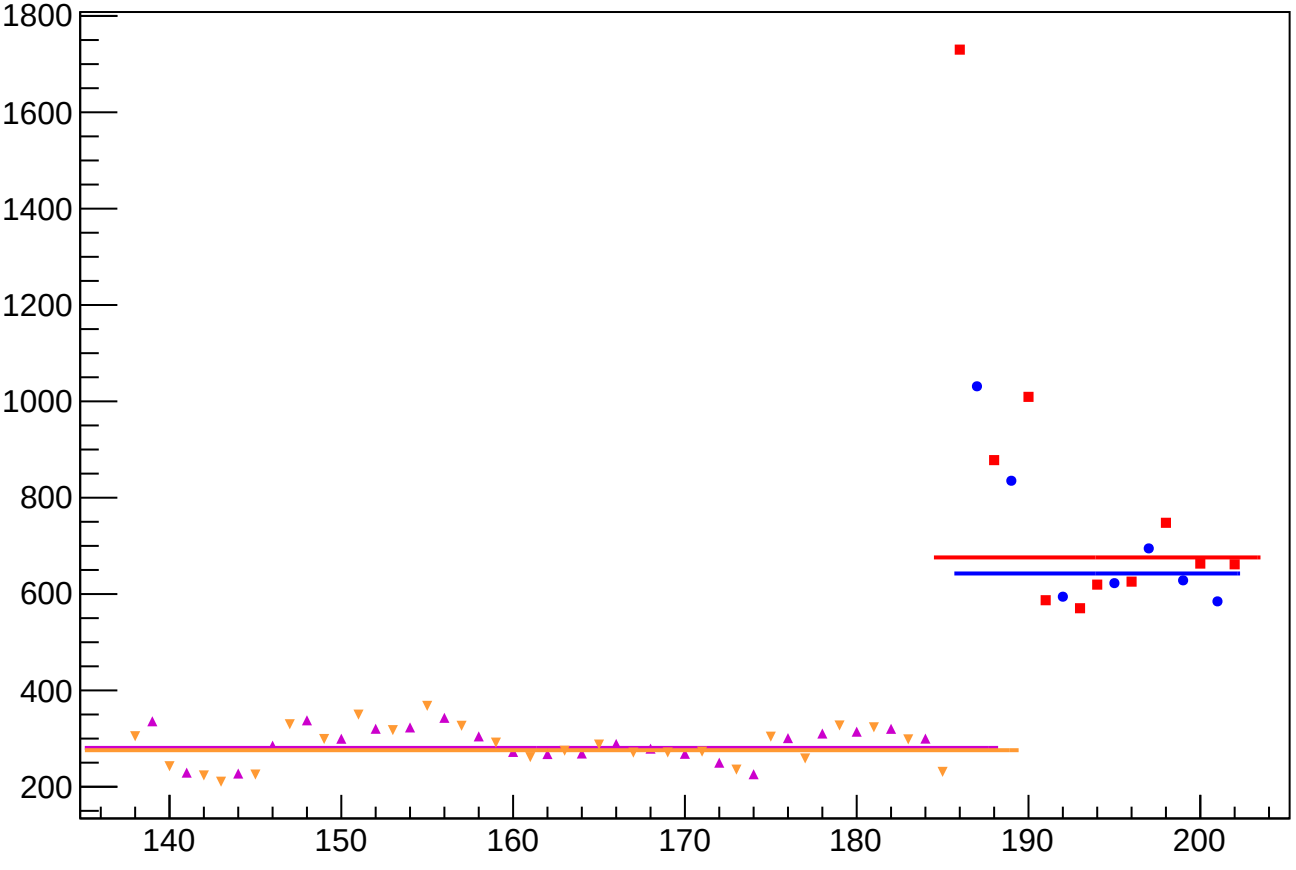
Left In: -52.759+/-67.539 χ^2/NDF:24.9/22

+ sign -311.753+/-63.948 χ^2/NDF: 58.6/31

All: -196.137+/-45.758 χ^2/NDF: 100.5/64

- sign -74.826+/-65.504 χ^2/NDF: 35.2/32

asym_sam8_correction_rms vs Slug



Right In: 642.712+/-0.221 χ^2/NDF: 122972.7/6

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 676.024+/-0.190 χ^2/NDF: 542826.3/9

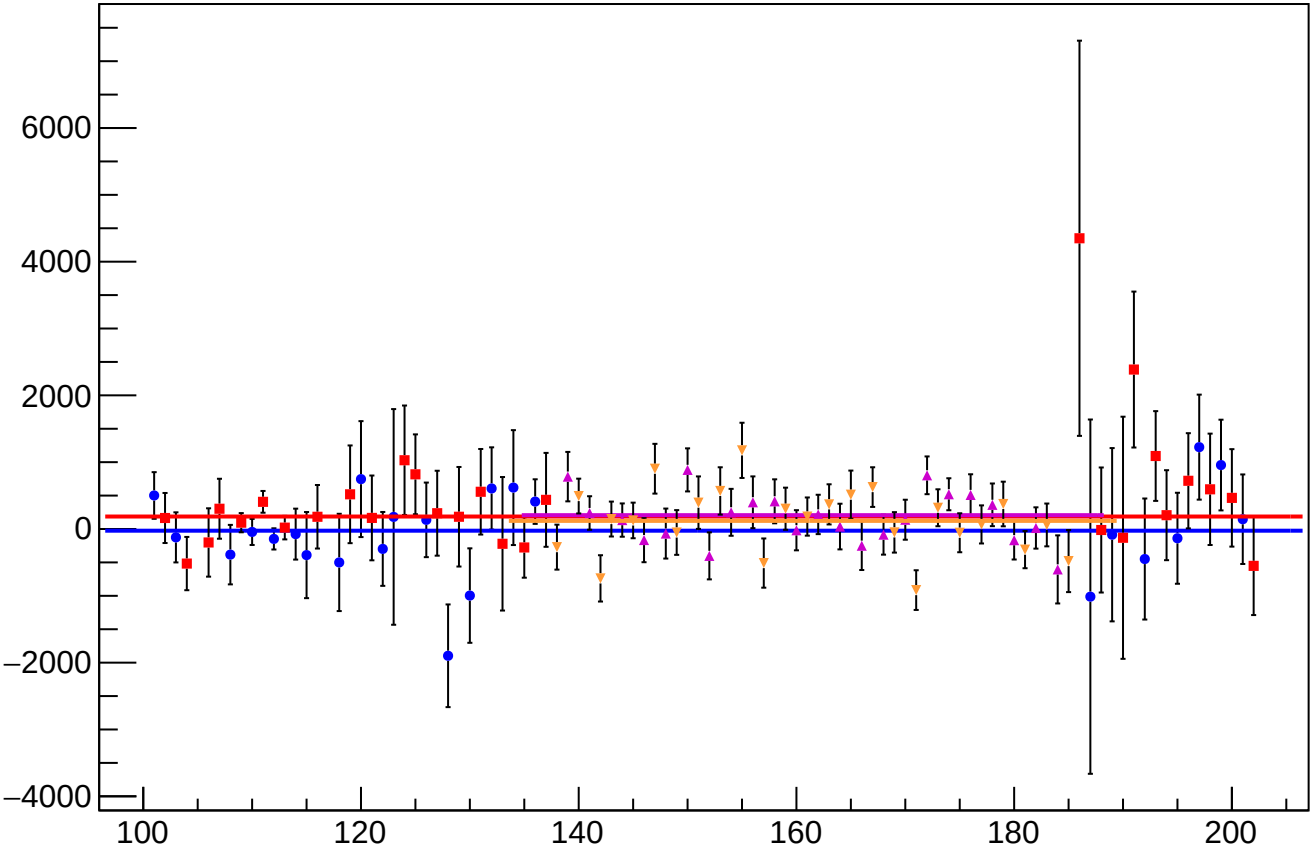
Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

+ sign 291.218+/-0.045 χ^2/NDF: 3509276.1/31

All: 297.501+/-0.032 χ^2/NDF: 8746974.5/64

- sign 304.093+/-0.046 χ^2/NDF: 5198138.2/32

asym_sam8_mean vs Slug



Right In: -25.496+/-86.834 χ^2/NDF: 21.7/23

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: 186.676+/-74.063 χ^2/NDF: 20.3/27

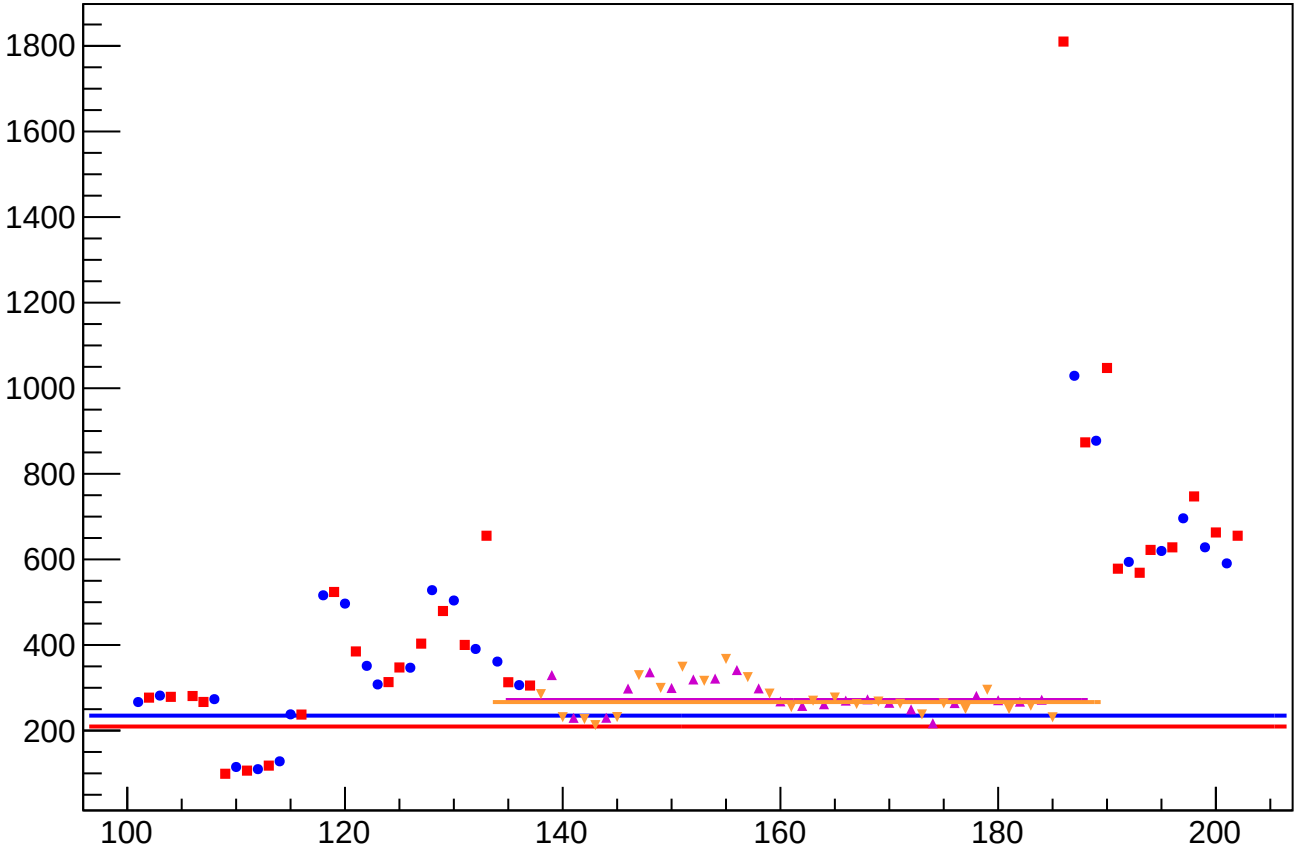
Left In: 207.047+/-65.246 χ^2/NDF:27.8/22

+ sign 70.695+/-50.946 χ^2/NDF: 72.6/48

All: 136.955+/-35.300 χ^2/NDF: 124.0/99

- sign 198.145+/-48.958 χ^2/NDF: 48.2/50

asym_sam8_rms vs Slug



Right In: 234.915+/-0.061 χ^2/NDF: 7267805.2/23

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 209.484+/-0.052 χ^2/NDF: 11130645.6/27

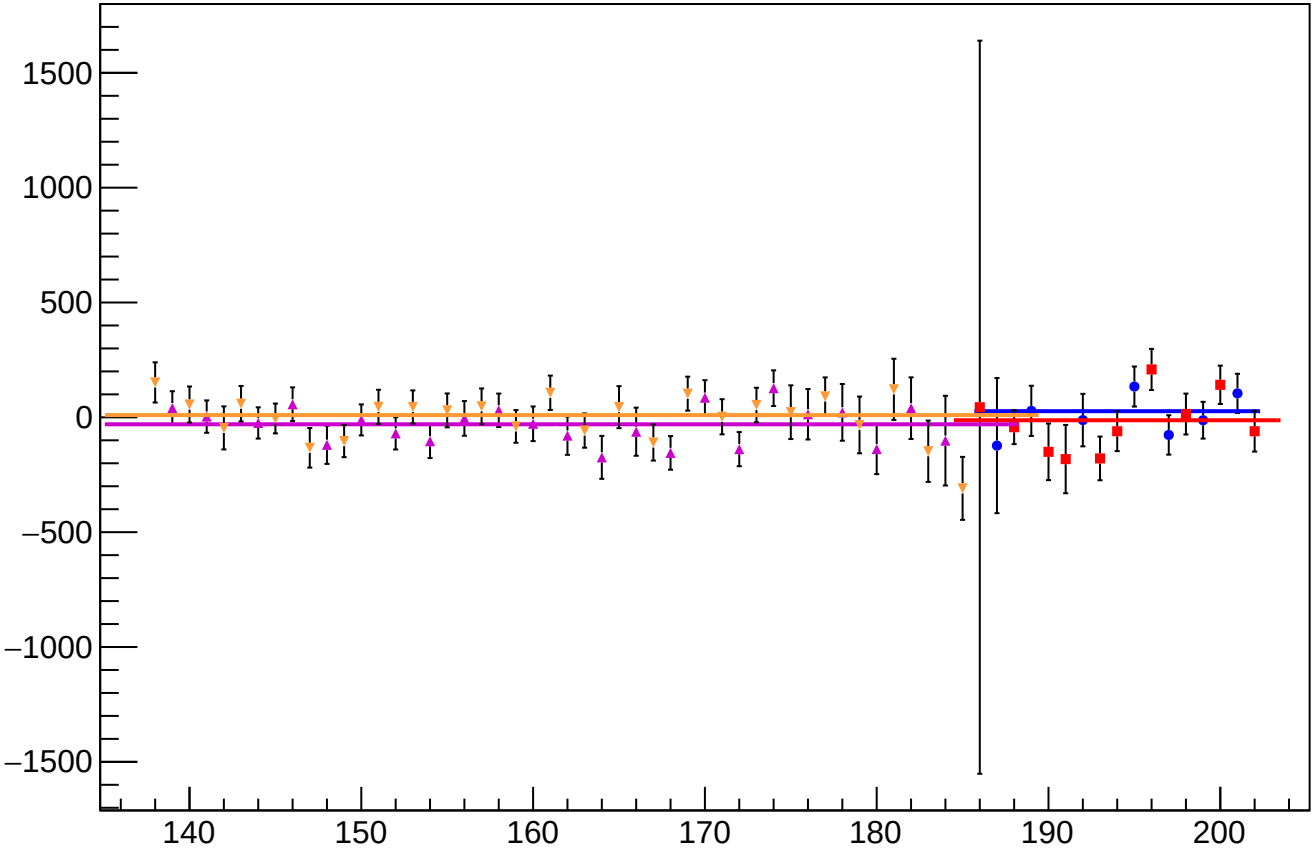
Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

+ sign 255.705+/-0.036 χ^2/NDF: 8081864.3/48

All: 249.814+/-0.025 χ^2/NDF: 20583138.8/99

- sign 244.373+/-0.035 χ^2/NDF: 12449833.7/50

dit_asym_sam_15_avg_mean vs Slug



Right In: 26.830+/-36.931 χ^2/NDF: 4.4/6

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: -12.702+/-30.696 χ^2/NDF: 16.0/9

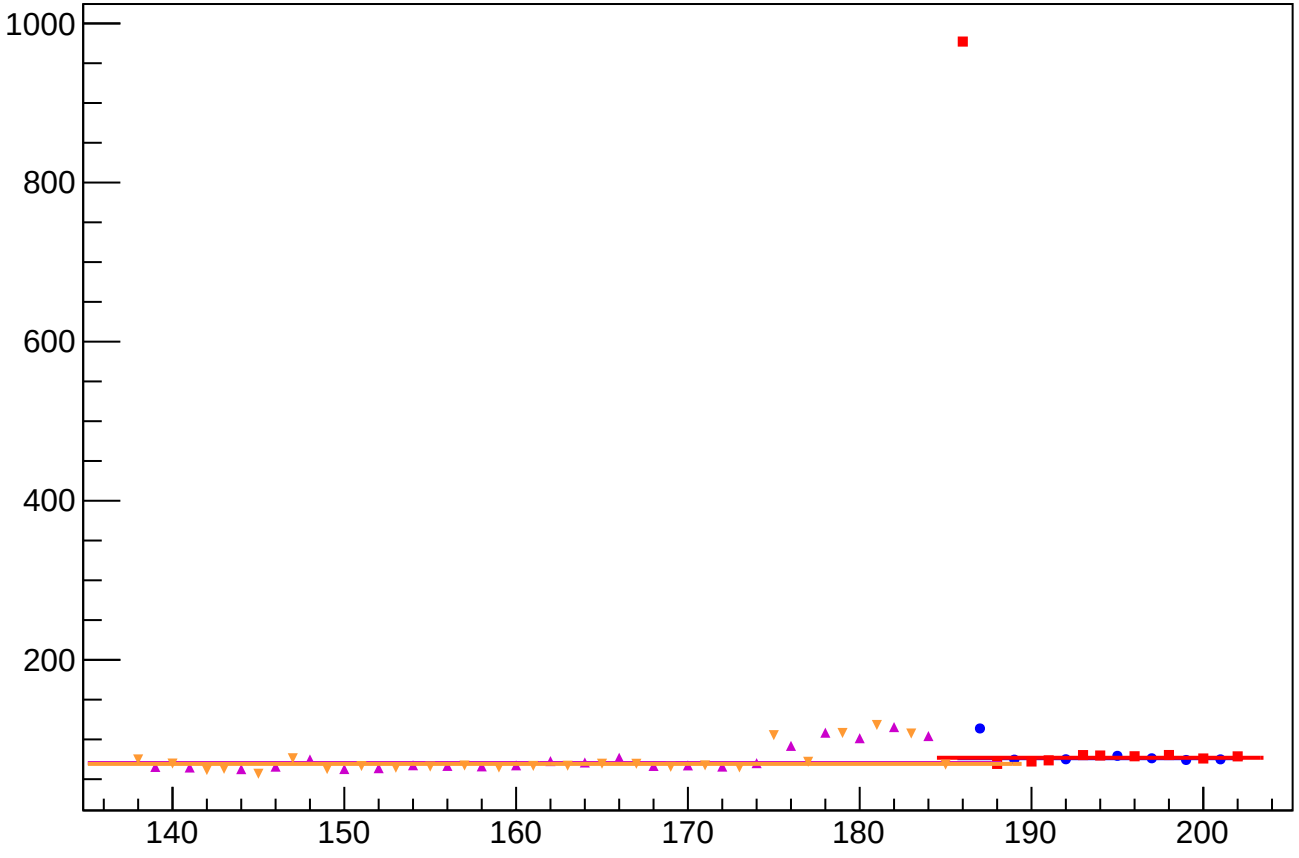
Left In: -30.236+/-17.031 χ^2/NDF:21.9/22

+ sign 12.591+/-15.037 χ^2/NDF: 30.5/31

All: -6.946+/-10.581 χ^2/NDF: 72.0/64

- sign -26.109+/-14.892 χ^2/NDF: 38.1/32

dit_asym_sam_15_avg_rms vs Slug



Right In: 76.388+/-0.026 χ^2/NDF: 37551.6/6

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 76.926+/-0.022 χ^2/NDF: 671502.3/9

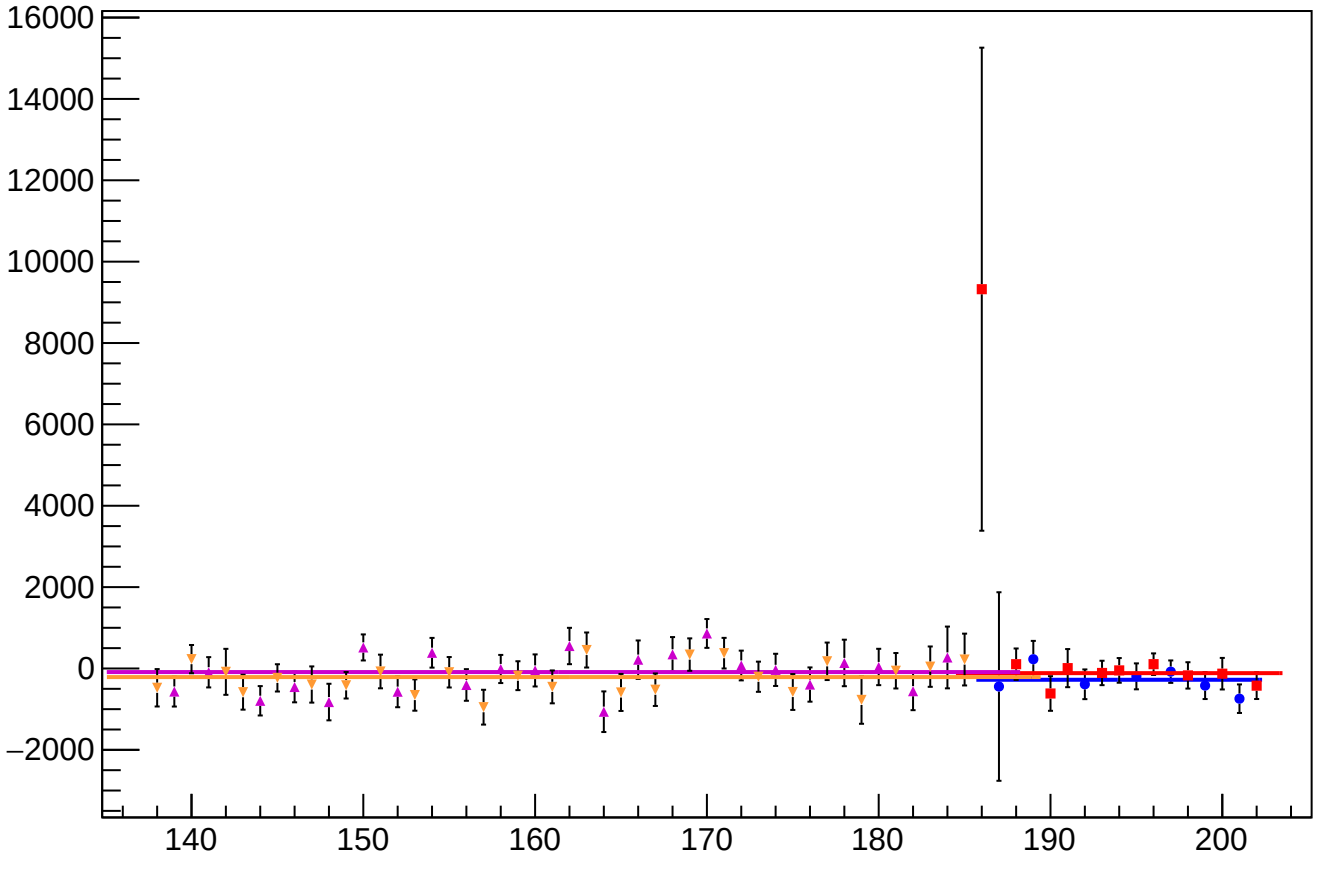
Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

+ sign 70.420+/-0.011 χ^2/NDF: 1106075.2/31

All: 71.155+/-0.007 χ^2/NDF: 2719947.7/64

- sign 71.877+/-0.011 χ^2/NDF: 1604392.9/32

asym_sam_15_avg_correction_mean vs Slug



Right In: -277.537+/-137.487 χ^2/NDF: 3.9/6

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: -114.526+/-112.867 χ^2/NDF: 6.0/9

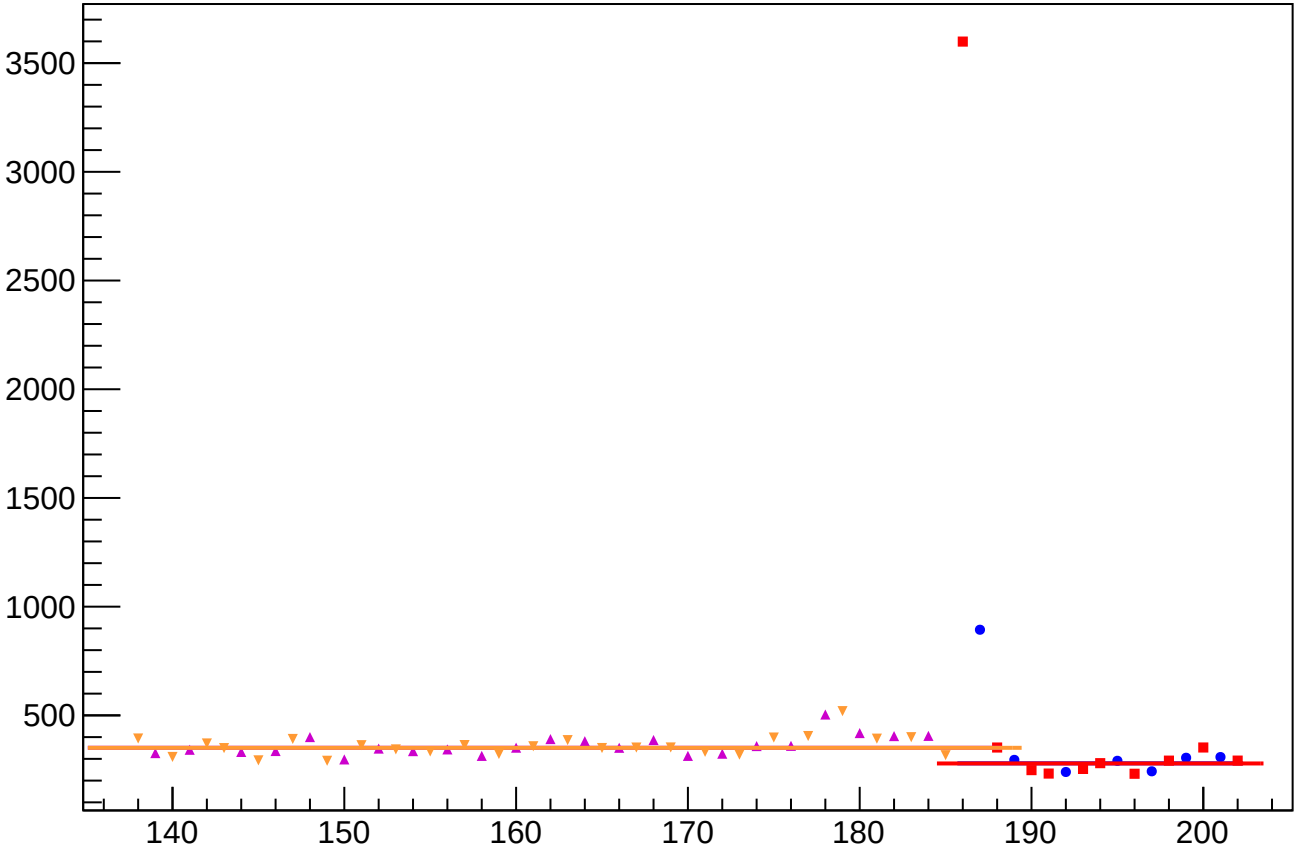
Left In: -88.062+/-84.309 χ^2/NDF:33.5/22

+ sign -229.089+/-70.918 χ^2/NDF: 23.5/31

All: -160.112+/-48.910 χ^2/NDF: 64.7/64

- sign -97.540+/-67.545 χ^2/NDF: 39.4/32

asym_sam_15_avg_correction_rms vs Slug



Right In: 279.369+/-0.097 χ^2/NDF: 230515.5/6

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 278.817+/-0.080 χ^2/NDF: 883921.7/9

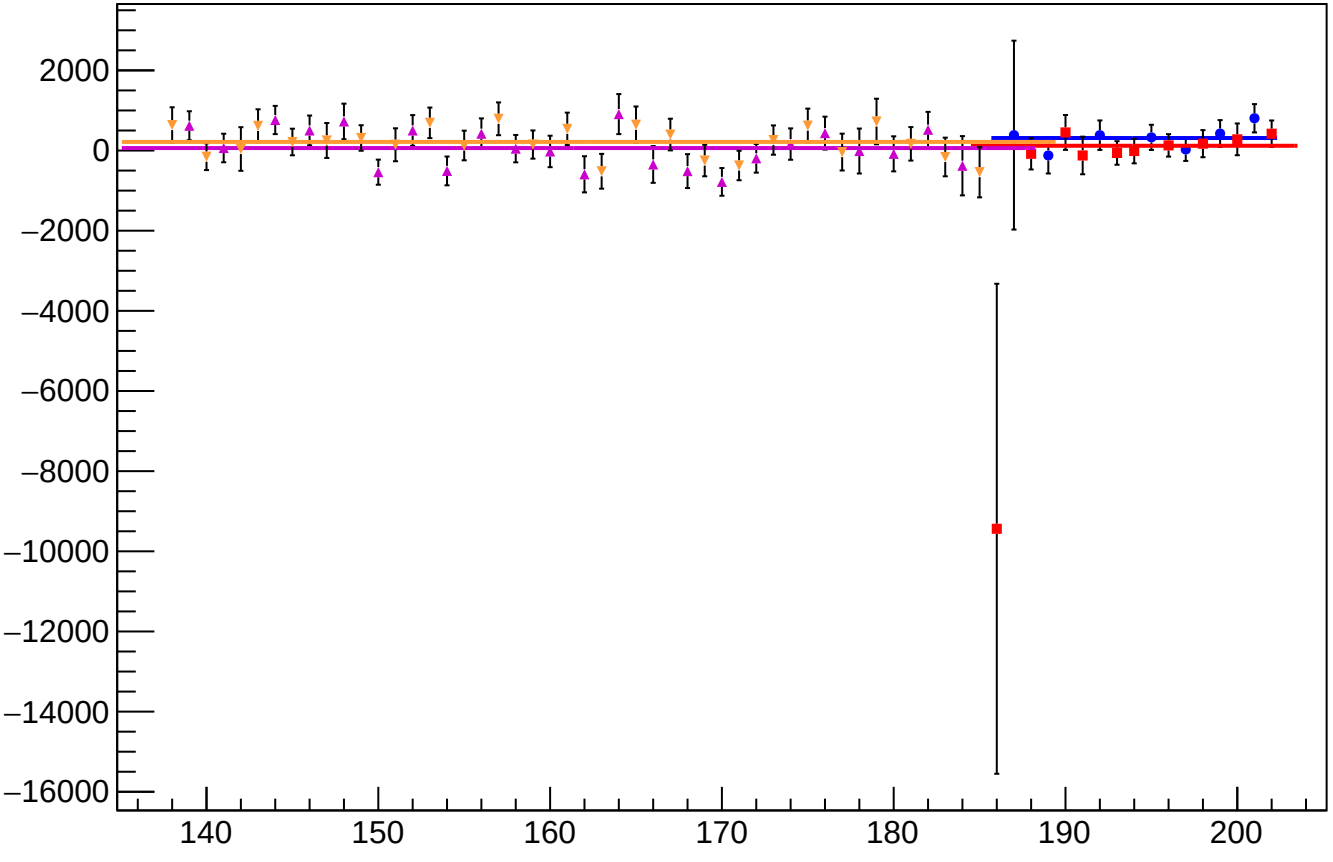
Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

+ sign 331.780+/-0.050 χ^2/NDF: 1132800.2/31

All: 328.284+/-0.035 χ^2/NDF: 2975112.0/64

- sign 325.113+/-0.048 χ^2/NDF: 1833041.4/32

asym_sam_15_avg_mean vs Slug



Right In: 312.277+/-138.953 χ^2/NDF: 4.0/6

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: 119.074+/-115.028 χ^2/NDF: 5.1/9

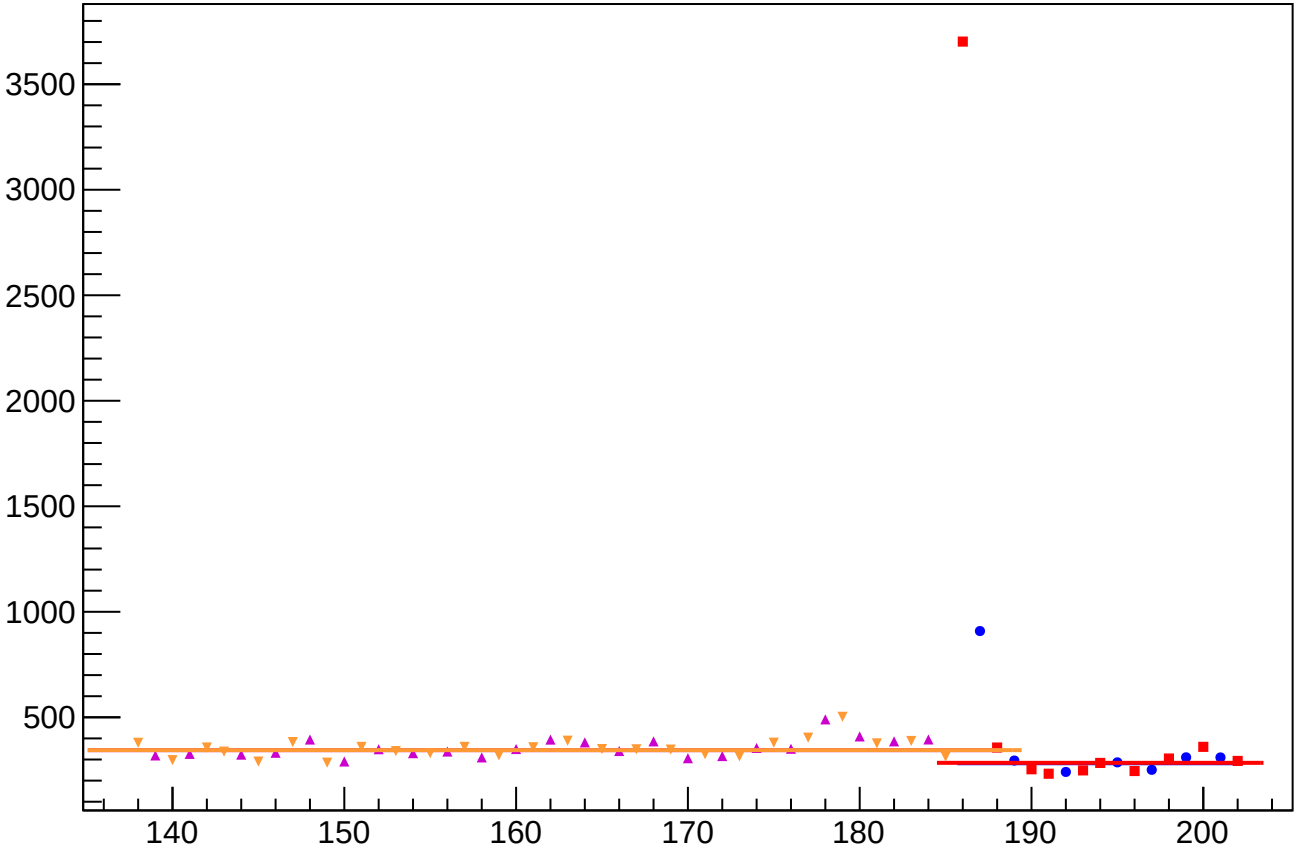
Left In: 61.730+/-82.841 χ^2/NDF:34.9/22

+ sign 239.938+/-70.130 χ^2/NDF: 24.0/31

All: 157.271+/-48.529 χ^2/NDF: 66.9/64

- sign 81.315+/-67.223 χ^2/NDF: 40.2/32

asym_sam_15_avg_rms vs Slug



Right In: 282.370+/-0.098 χ^2/NDF: 218276.0/6

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 284.248+/-0.081 χ^2/NDF: 877845.8/9

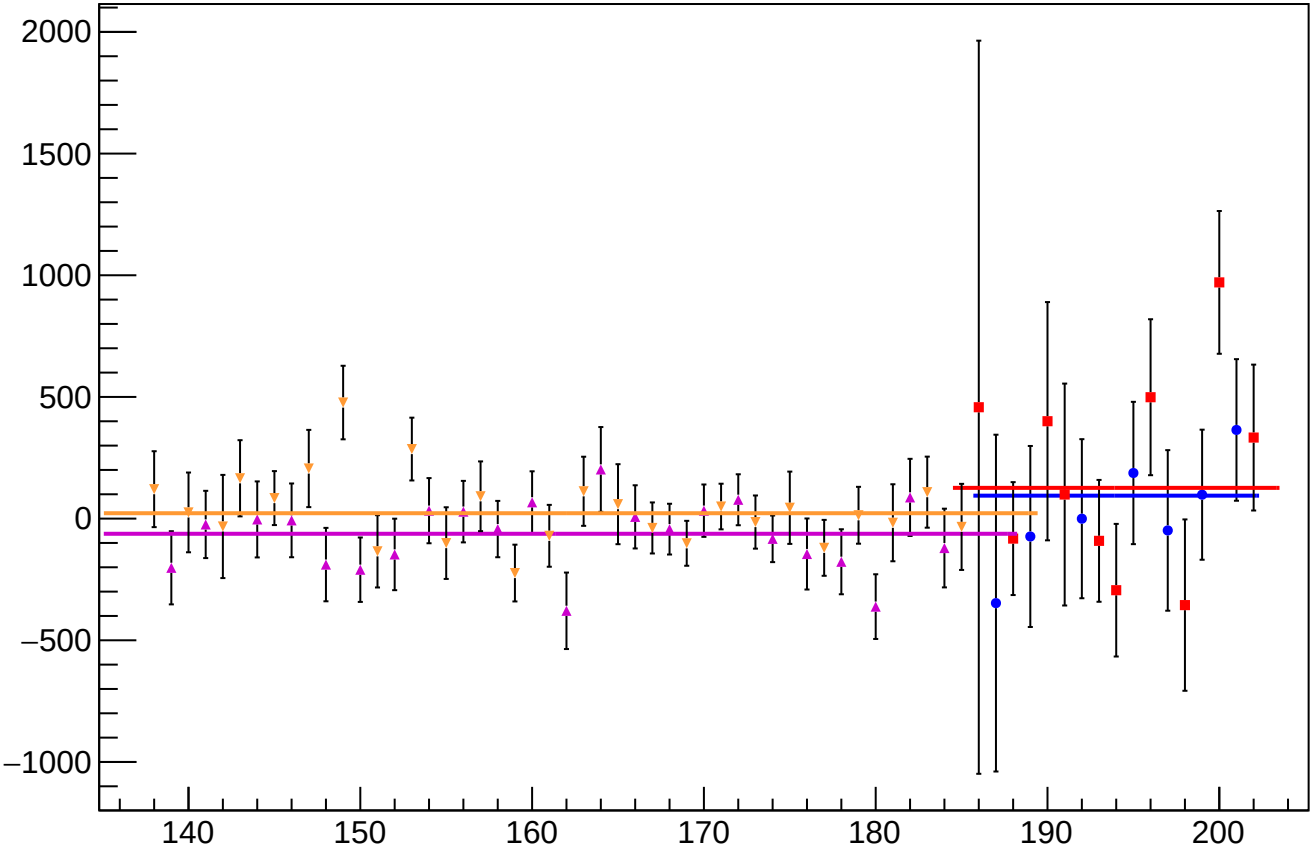
Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

+ sign 328.629+/-0.050 χ^2/NDF: 1004067.8/31

All: 326.167+/-0.034 χ^2/NDF: 2681074.7/64

- sign 323.906+/-0.048 χ^2/NDF: 1672279.4/32

dit_asym_sam_26_avg_mean vs Slug



Right In: 94.338+/-123.672 χ^2/NDF: 1.8/6

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: 126.357+/-101.020 χ^2/NDF: 16.3/9

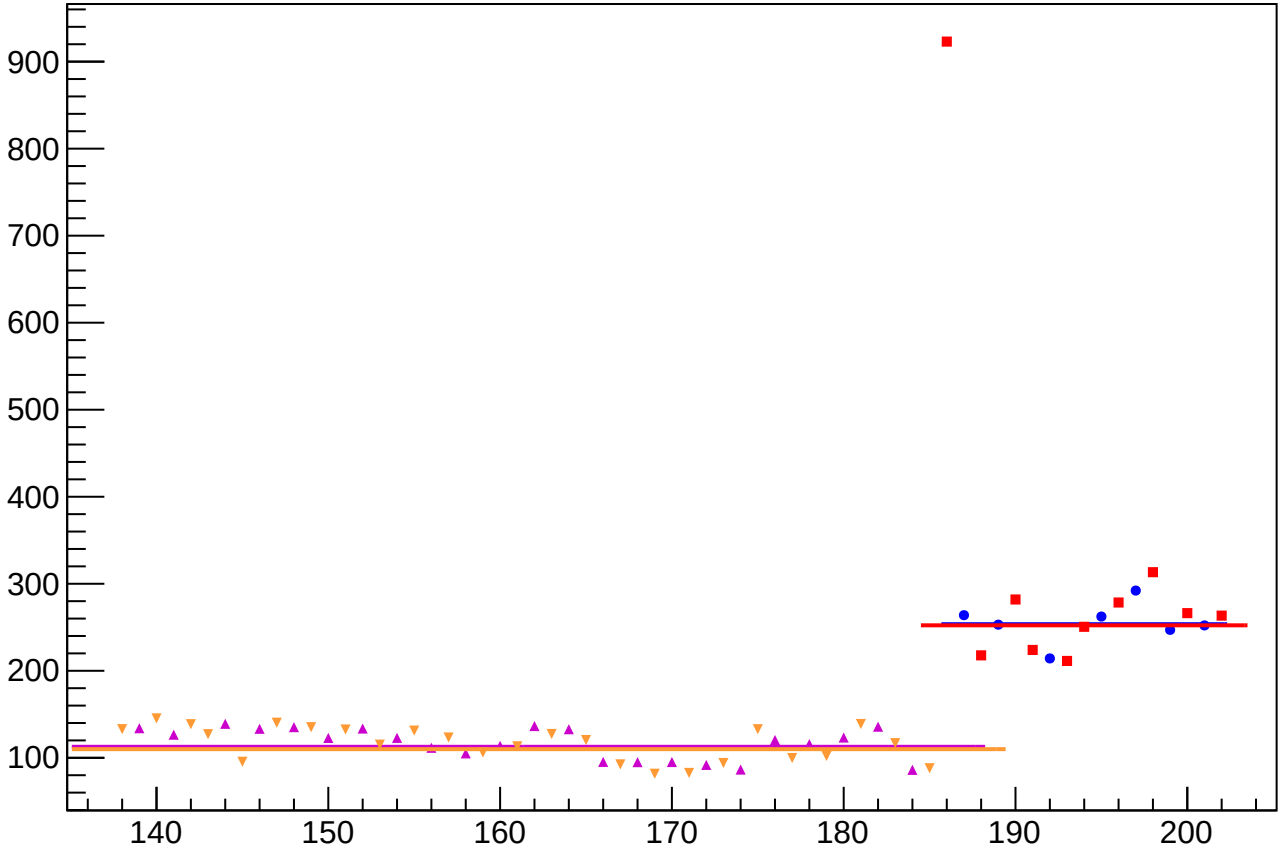
Left In: -62.310+/-27.398 χ^2/NDF:22.0/22

+ sign 25.283+/-25.710 χ^2/NDF: 30.2/31

All: -11.000+/-18.433 χ^2/NDF: 75.9/64

- sign -49.383+/-26.443 χ^2/NDF: 41.6/32

dit_asym_sam_26_avg_rms vs Slug



Right In: 253.535+/-0.087 χ^2/NDF: 59880.8/6

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 252.258+/-0.071 χ^2/NDF: 590302.2/9

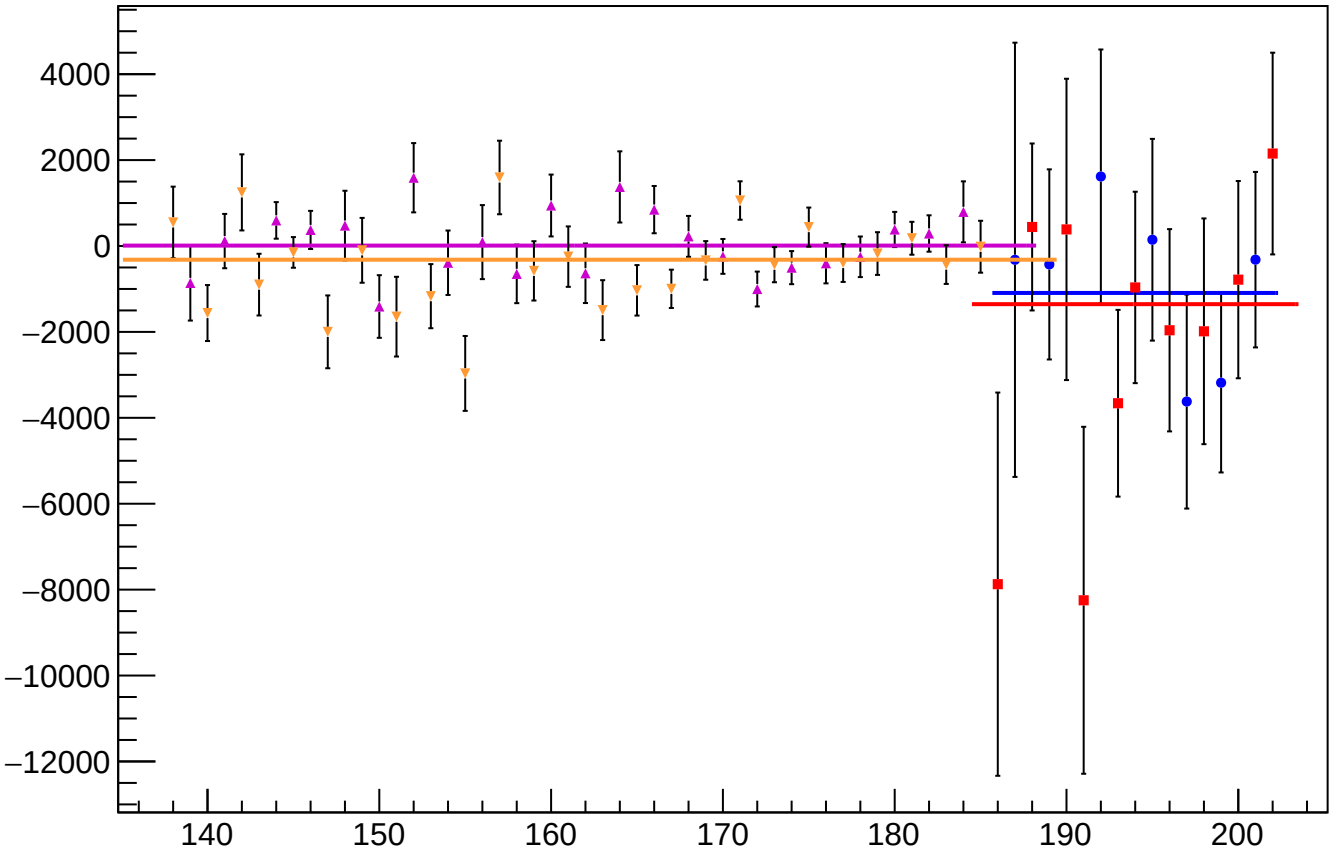
Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

+ sign 116.158+/-0.018 χ^2/NDF: 3779793.5/31

All: 119.105+/-0.013 χ^2/NDF: 8817701.3/64

- sign 122.222+/-0.019 χ^2/NDF: 4983830.2/32

asym_sam_26_avg_correction_mean vs Slug



Right In: -1093.011+/-924.990 χ^2/NDF: 3.4/6

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: -1354.037+/-798.880 χ^2/NDF: 9.7/9

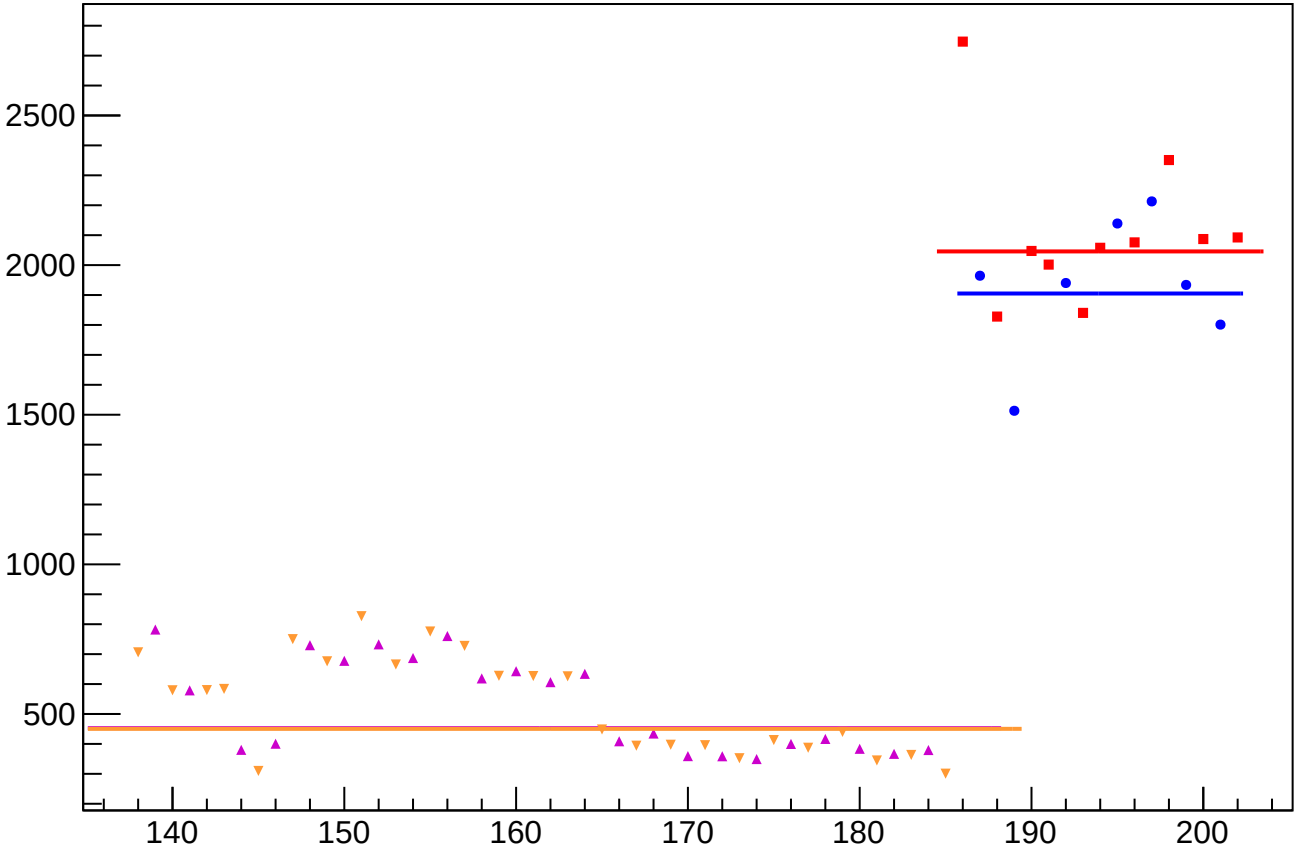
Left In: 9.462+/-112.340 χ^2/NDF:32.5/22

+ sign -330.238+/-109.529 χ^2/NDF: 55.6/31

All: -176.043+/-78.049 χ^2/NDF: 104.7/64

- sign -16.978+/-111.246 χ^2/NDF: 45.1/32

asym_sam_26_avg_correction_rms vs Slug



Right In: 1905.079+/-0.654 χ^2/NDF: 119185.9/6

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 2045.718+/-0.565 χ^2/NDF: 121429.3/9

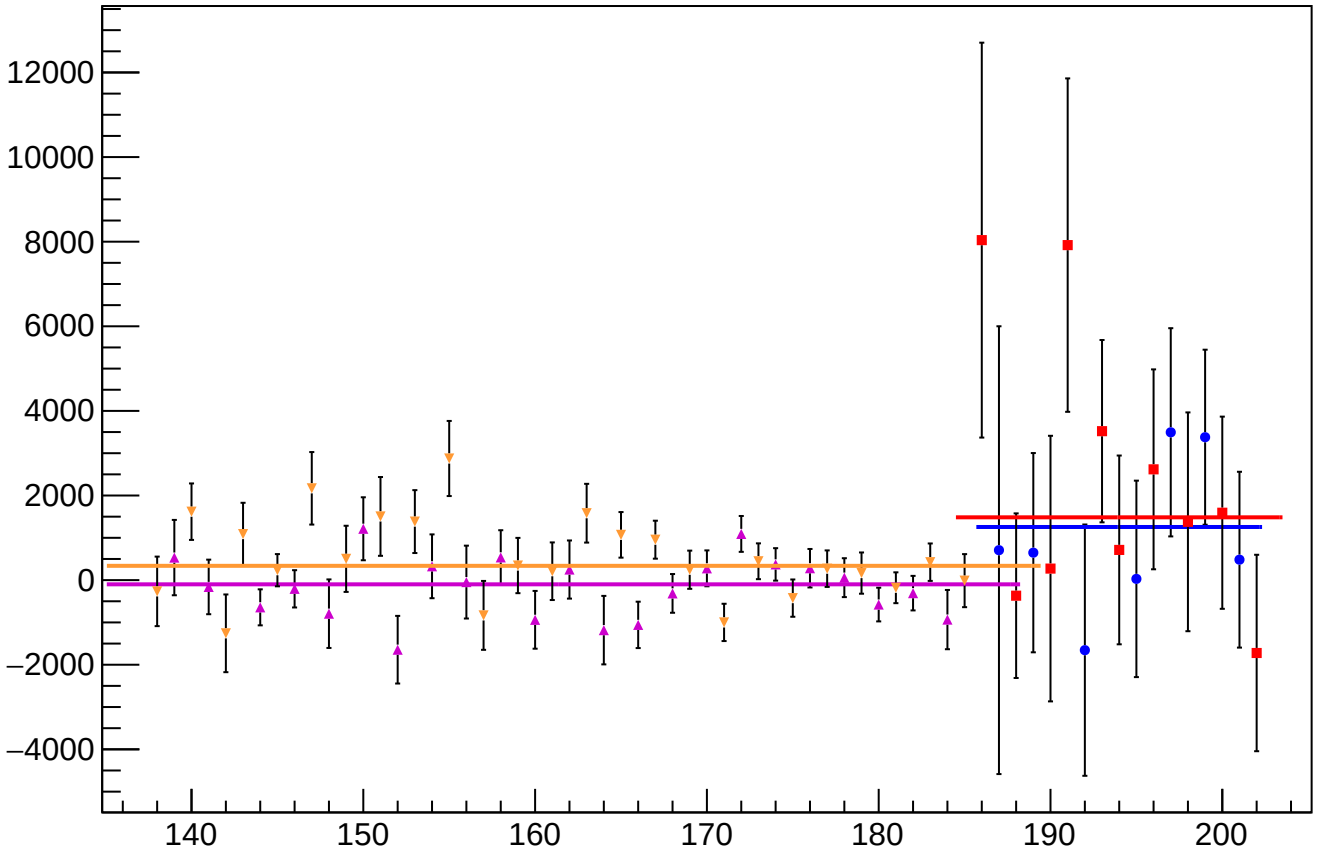
Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

+ sign 470.760+/-0.077 χ^2/NDF: 8092923.3/31

All: 477.073+/-0.055 χ^2/NDF: 18612318.6/64

- sign 483.585+/-0.079 χ^2/NDF: 10505898.6/32

asym_sam_26_avg_mean vs Slug



Right In: 1255.964+/-934.440 χ^2/NDF: 3.3/6

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: 1484.365+/-790.517 χ^2/NDF: 8.8/9

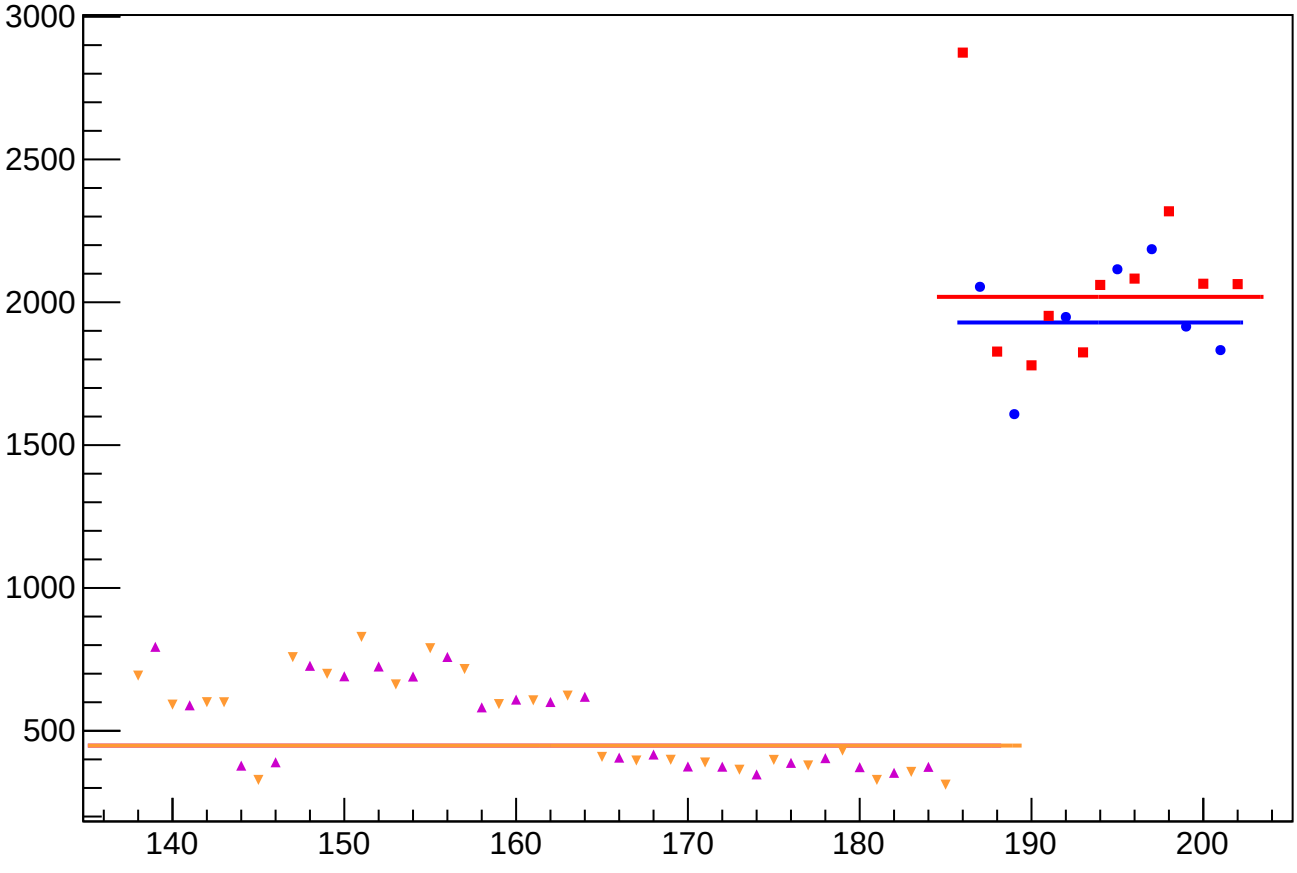
Left In: -99.475+/-111.475 χ^2/NDF:32.1/22

+ sign 350.457+/-109.080 χ^2/NDF: 52.9/31

All: 143.419+/-77.588 χ^2/NDF: 105.0/64

- sign -68.594+/-110.383 χ^2/NDF: 44.8/32

asym_sam_26_avg_rms vs Slug



Right In: 1929.234+/-0.661 χ^2/NDF: 77325.1/6

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 2018.916+/-0.559 χ^2/NDF: 145518.6/9

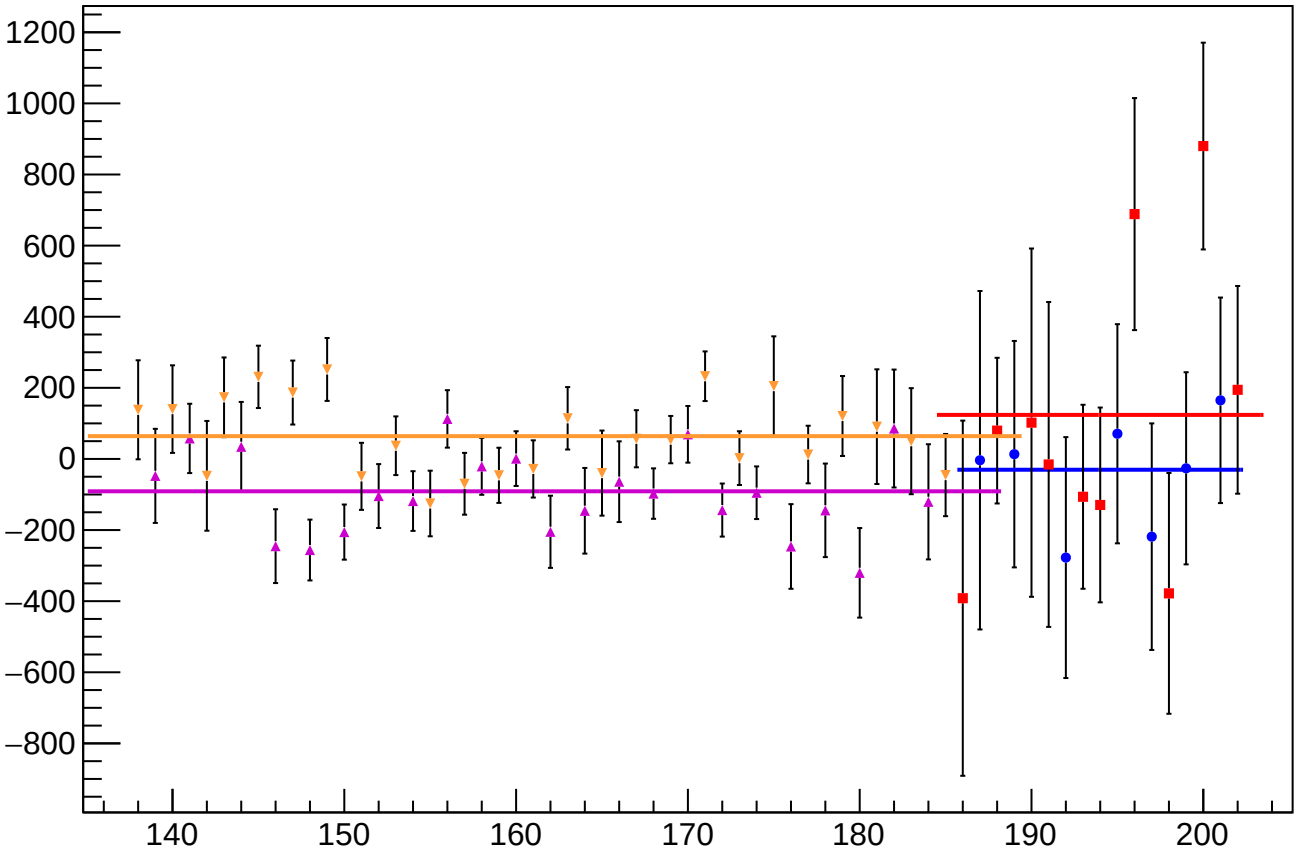
Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

+ sign 468.575+/-0.077 χ^2/NDF: 8108816.2/31

All: 473.658+/-0.055 χ^2/NDF: 18568174.0/64

- sign 478.863+/-0.078 χ^2/NDF: 10450568.8/32

dit_asym_sam_37_avg_mean vs Slug



Right In: -30.355+/-120.353 χ^2/NDF: 1.5/6

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: 123.879+/-96.802 χ^2/NDF: 14.9/9

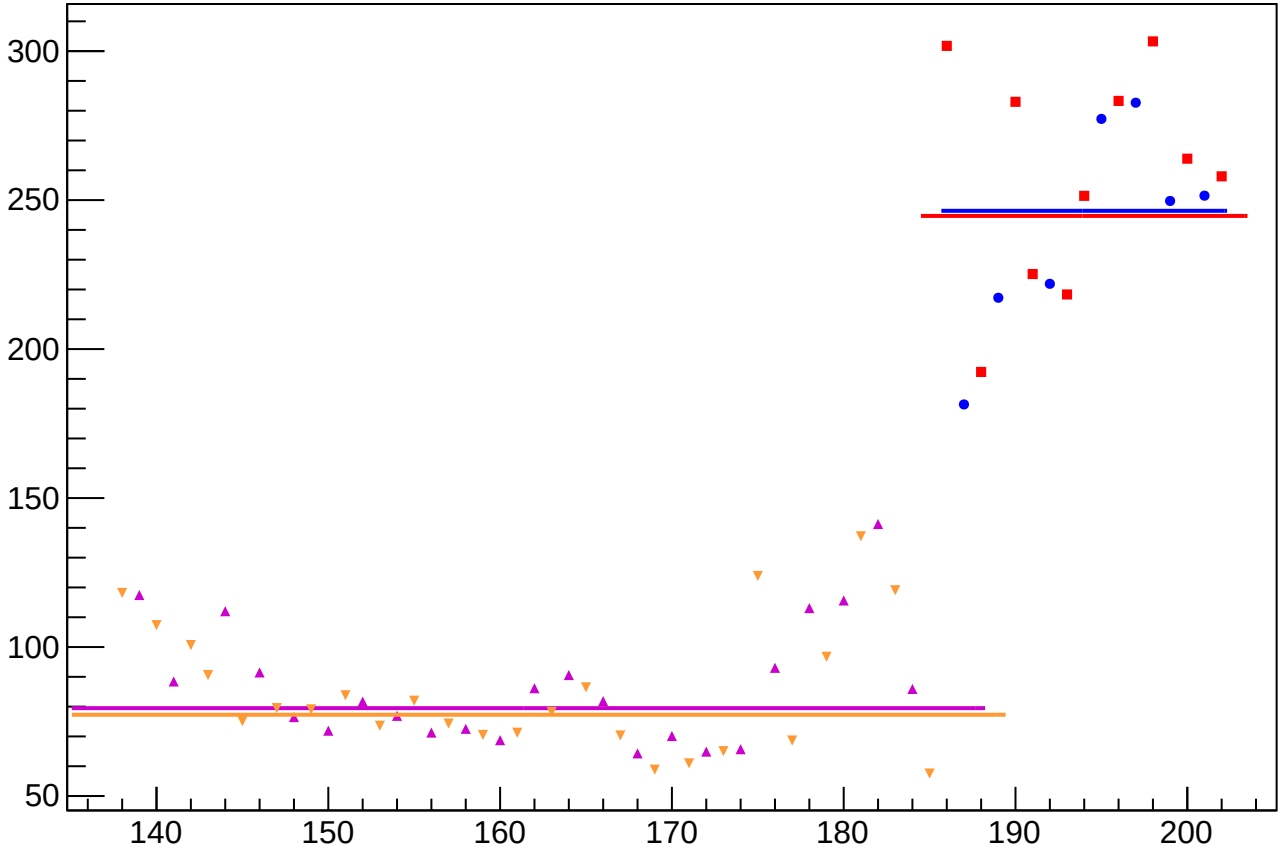
Left In: -91.028+/-19.637 χ^2/NDF:32.6/22

+ sign 61.908+/-18.505 χ^2/NDF: 35.9/31

All: -7.481+/-13.339 χ^2/NDF: 117.4/64

- sign -82.534+/-19.245 χ^2/NDF: 52.2/32

dit_asym_sam_37_avg_rms vs Slug



Right In: 246.410+/-0.085 χ^2/NDF: 111432.0/6

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 244.690+/-0.068 χ^2/NDF: 295318.1/9

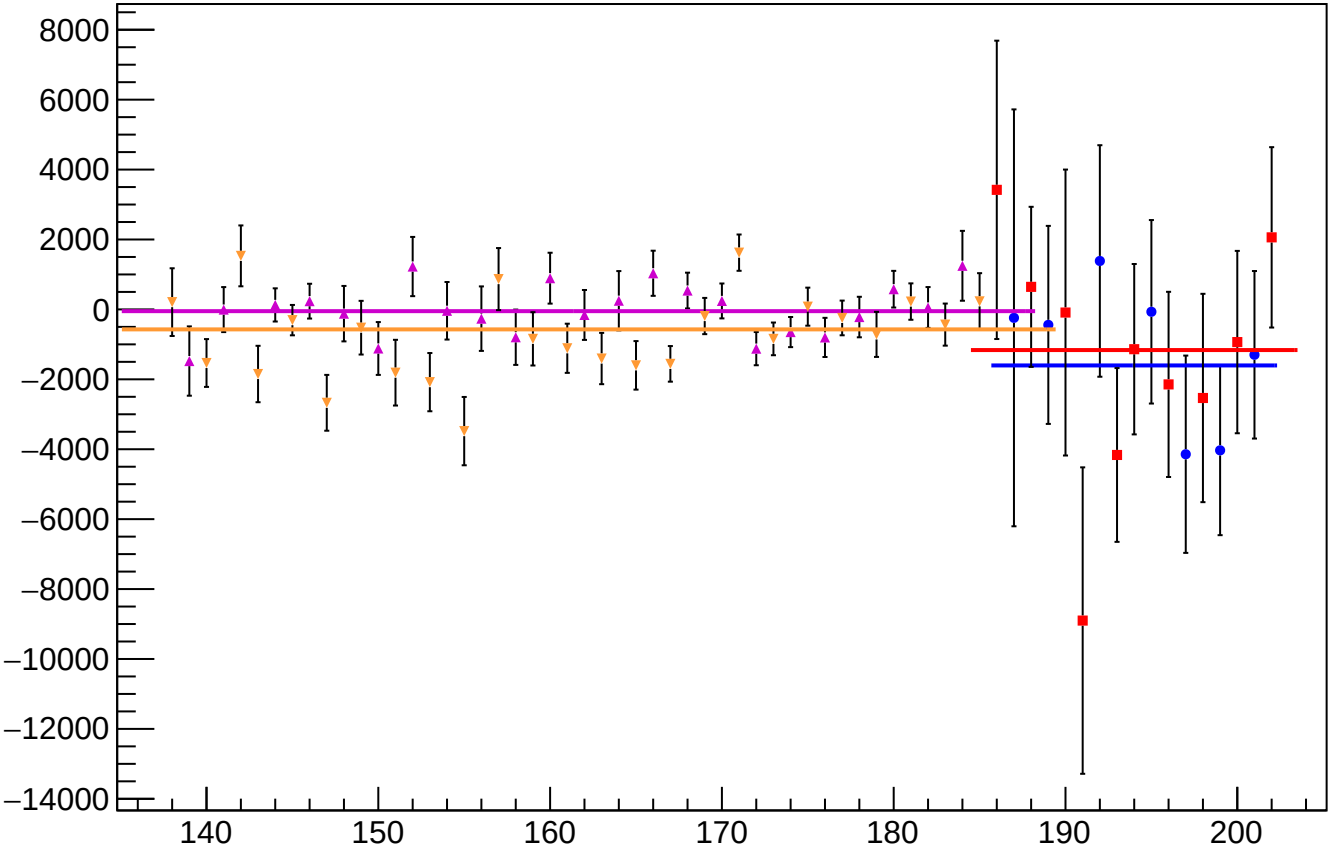
Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

+ sign 81.278+/-0.013 χ^2/NDF: 5521113.0/31

All: 83.557+/-0.009 χ^2/NDF: 12807792.5/64

- sign 86.021+/-0.014 χ^2/NDF: 7223558.0/32

asym_sam_37_avg_correction_mean vs Slug



Right In: -1602.871+/-1079.183 χ^2/NDF: 3.2/6

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: -1162.962+/-898.002 χ^2/NDF: 8.3/9

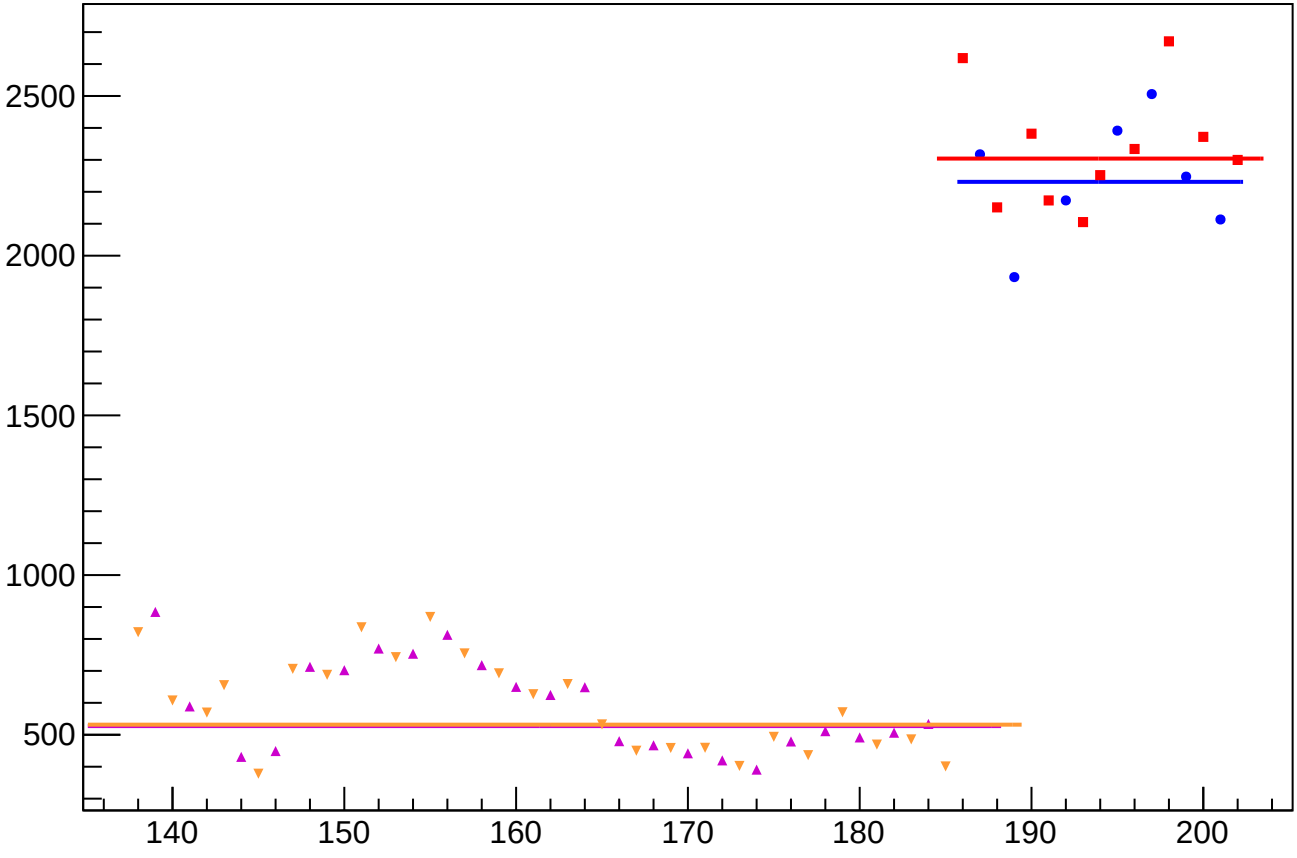
Left In: -50.077+/-129.187 χ^2/NDF:26.1/22

+ sign -586.009+/-127.264 χ^2/NDF: 70.9/31

All: -330.546+/-90.203 χ^2/NDF: 115.0/64

- sign -72.642+/-127.870 χ^2/NDF: 36.0/32

asym_sam_37_avg_correction_rms vs Slug



Right In: 2231.162+/-0.763 χ^2/NDF: 54559.7/6

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2304.046+/-0.635 χ^2/NDF: 67958.2/9

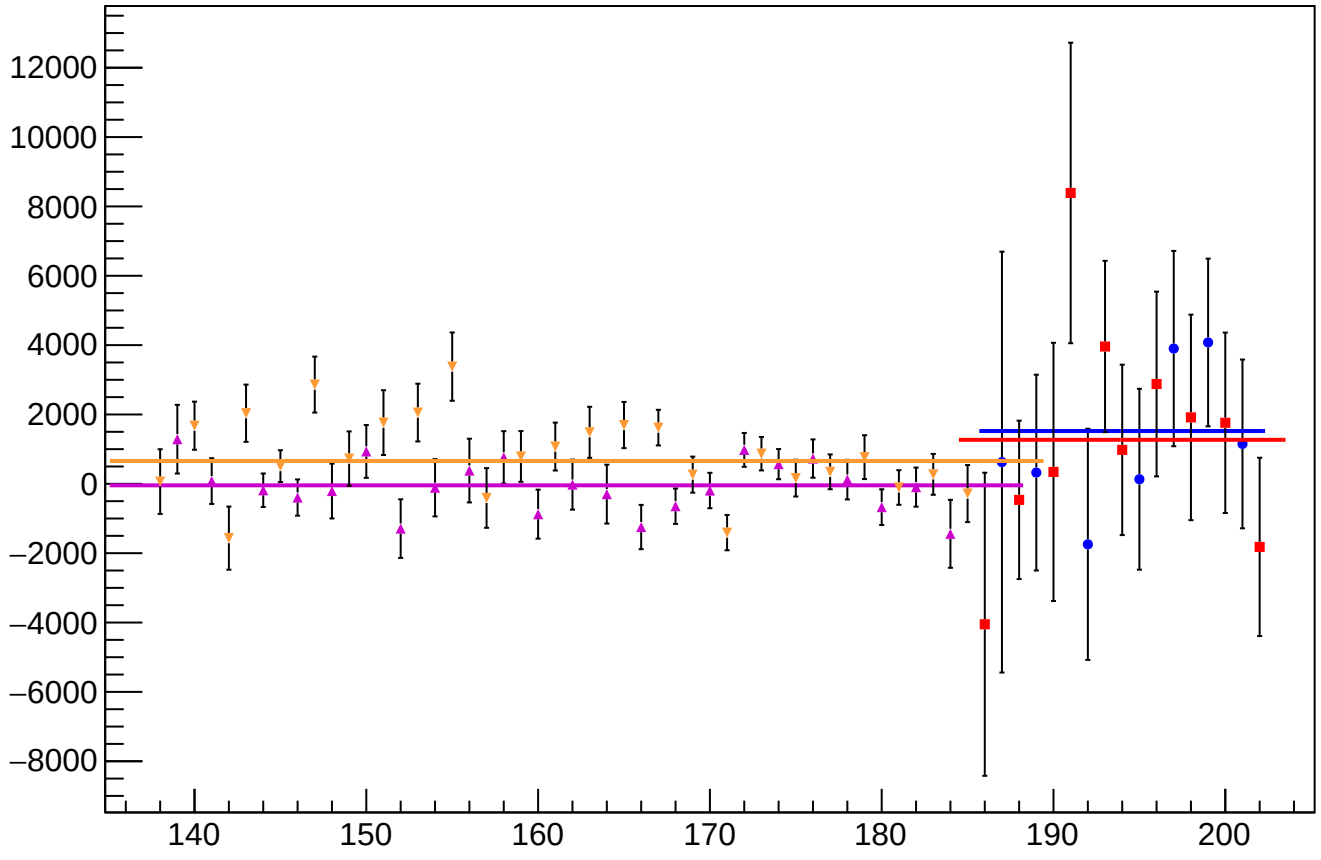
Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

+ sign 555.277+/-0.090 χ^2/NDF: 6984005.0/31

All: 559.225+/-0.064 χ^2/NDF: 16540833.5/64

- sign 563.210+/-0.090 χ^2/NDF: 9552961.3/32

asym_sam_37_avg_mean vs Slug



Right In: 1523.402+/-1081.066 χ^2/NDF: 3.3/6

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: 1269.677+/-893.486 χ^2/NDF: 7.9/9

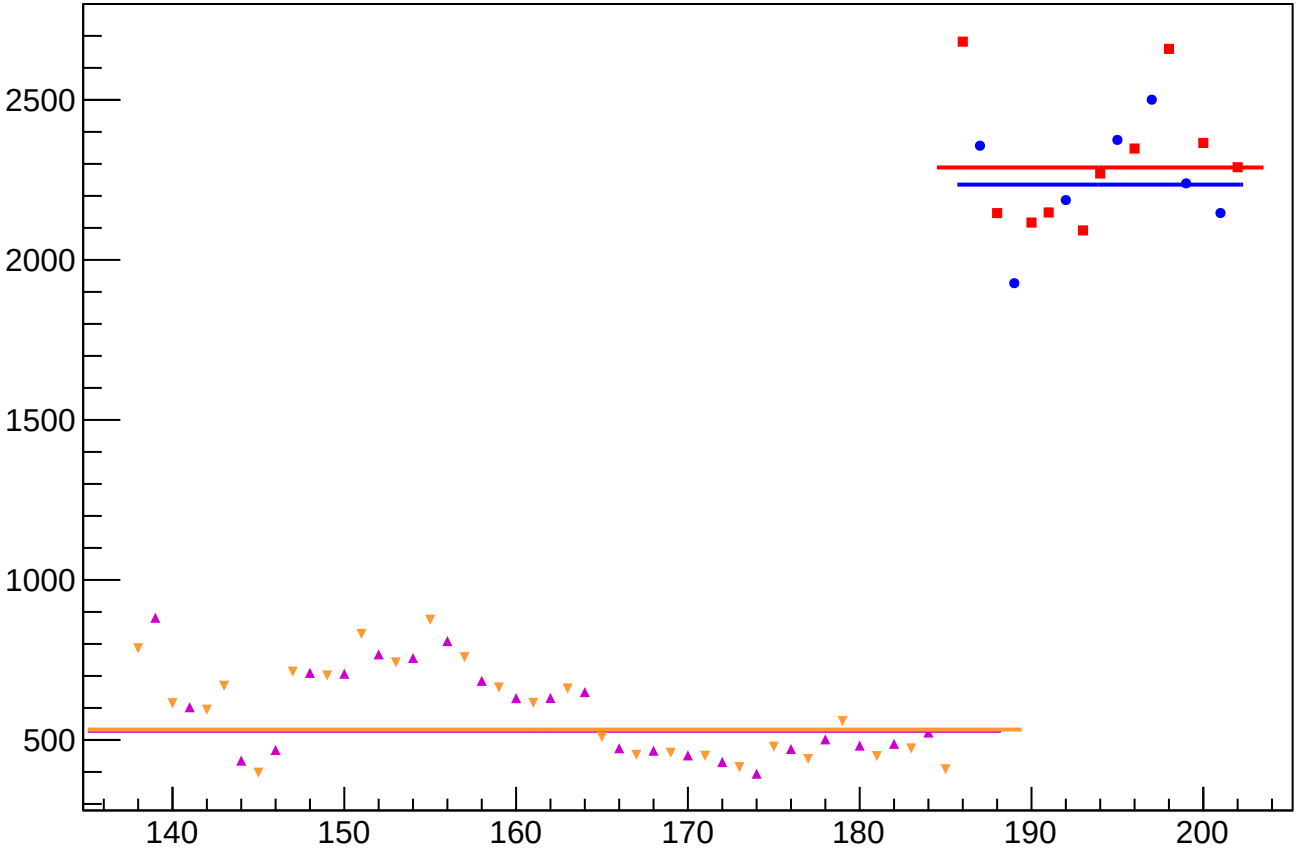
Left In: -43.183+/-129.538 χ^2/NDF:26.0/22

+ sign 671.497+/-127.273 χ^2/NDF: 66.3/31

All: 330.159+/-90.321 χ^2/NDF: 116.9/64

- sign -16.156+/-128.198 χ^2/NDF: 36.1/32

asym_sam_37_avg_rms vs Slug



Right In: 2235.258+/-0.764 χ^2/NDF: 51177.8/6

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2288.780+/-0.632 χ^2/NDF: 77165.0/9

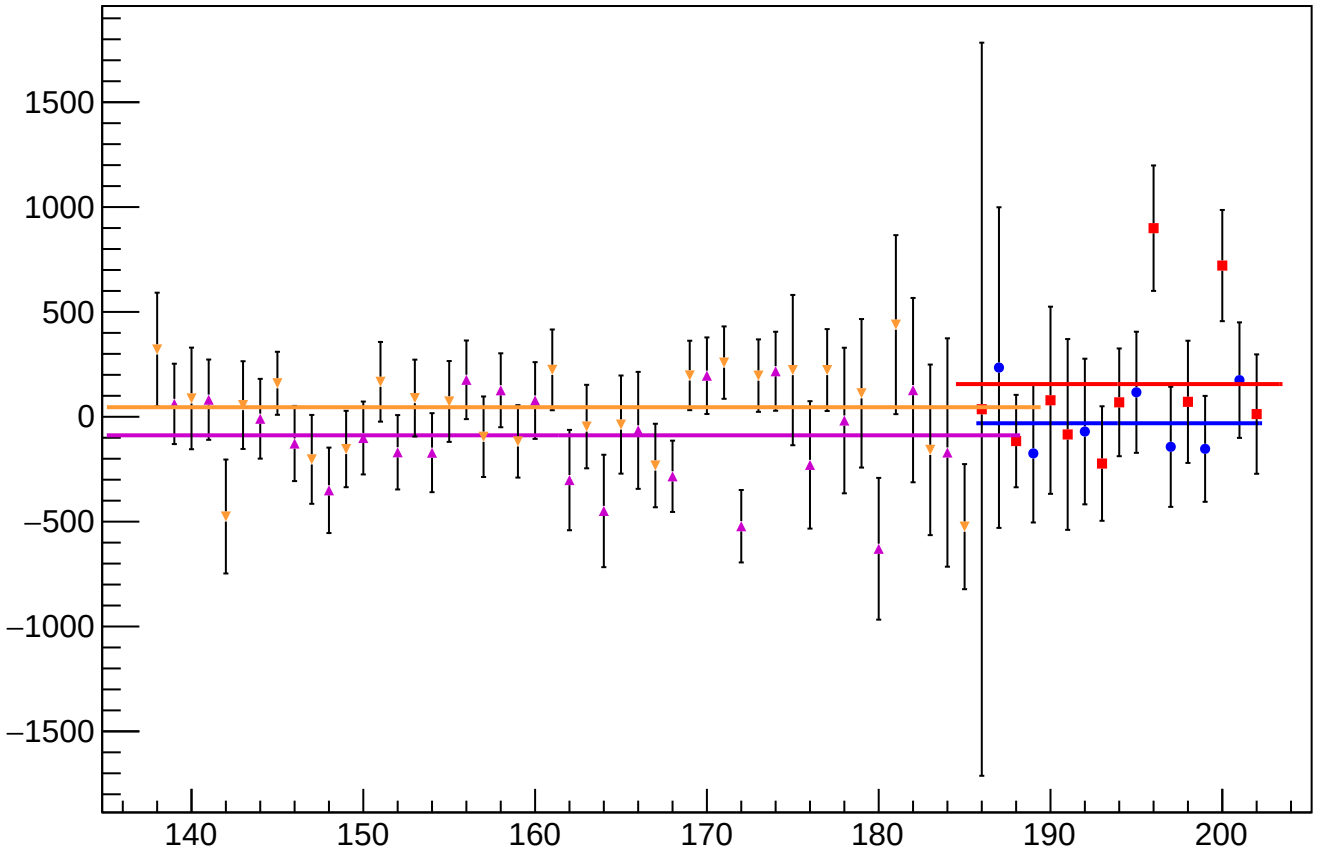
Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

+ sign 555.995+/-0.090 χ^2/NDF: 6887803.1/31

All: 560.317+/-0.064 χ^2/NDF: 16284965.7/64

- sign 564.703+/-0.091 χ^2/NDF: 9392514.4/32

dit_asym_sam_48_avg_mean vs Slug



Right In: -30.843+/-117.628 χ^2/NDF: 1.5/6

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: 155.931+/-95.836 χ^2/NDF: 14.9/9

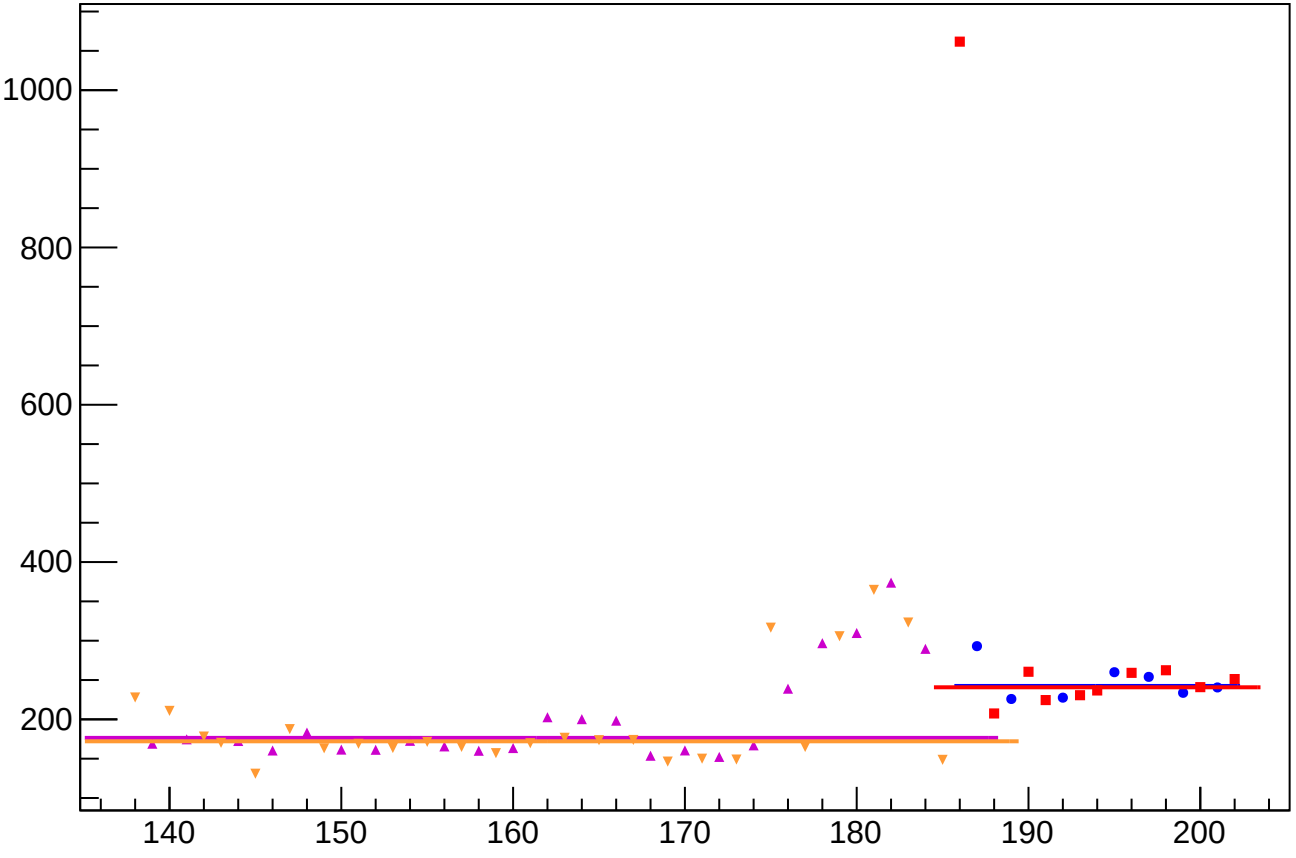
Left In: -88.356+/-43.518 χ^2/NDF:26.4/22

+ sign 37.104+/-39.369 χ^2/NDF: 23.8/31

All: -4.476+/-27.928 χ^2/NDF: 72.8/64

- sign -46.595+/-39.624 χ^2/NDF: 46.7/32

dit_asym_sam_48_avg_rms vs Slug



Right In: 242.458+/-0.083 χ^2/NDF: 30550.0/6

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 240.765+/-0.068 χ^2/NDF: 517827.2/9

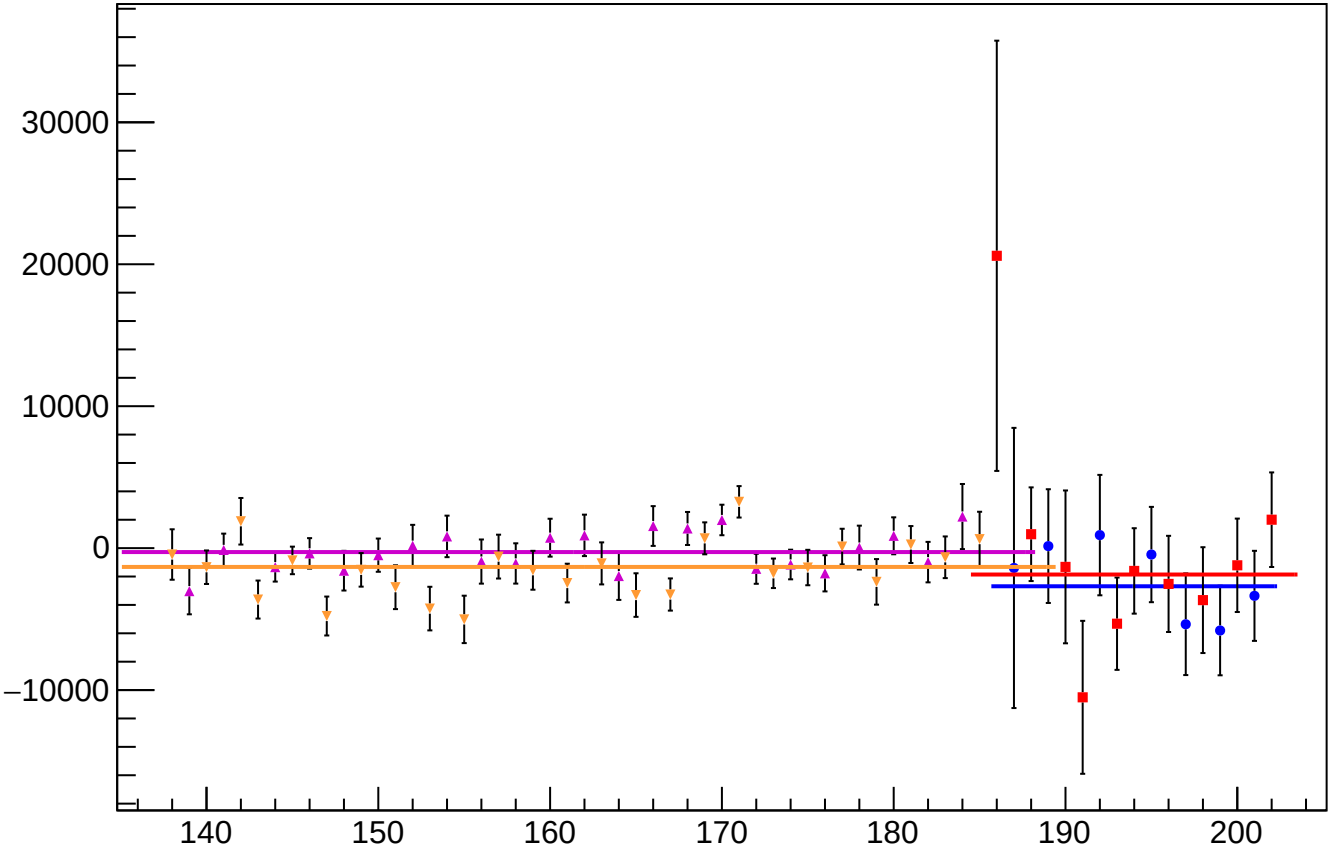
Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

+ sign 179.979+/-0.028 χ^2/NDF: 2418483.4/31

All: 183.677+/-0.020 χ^2/NDF: 5079786.4/64

- sign 187.424+/-0.028 χ^2/NDF: 2625771.2/32

asym_sam_48_avg_correction_mean vs Slug



Right In: -2686.720+/-1421.922 χ^2/NDF: 3.3/6

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: -1859.040+/-1185.502 χ^2/NDF: 8.3/9

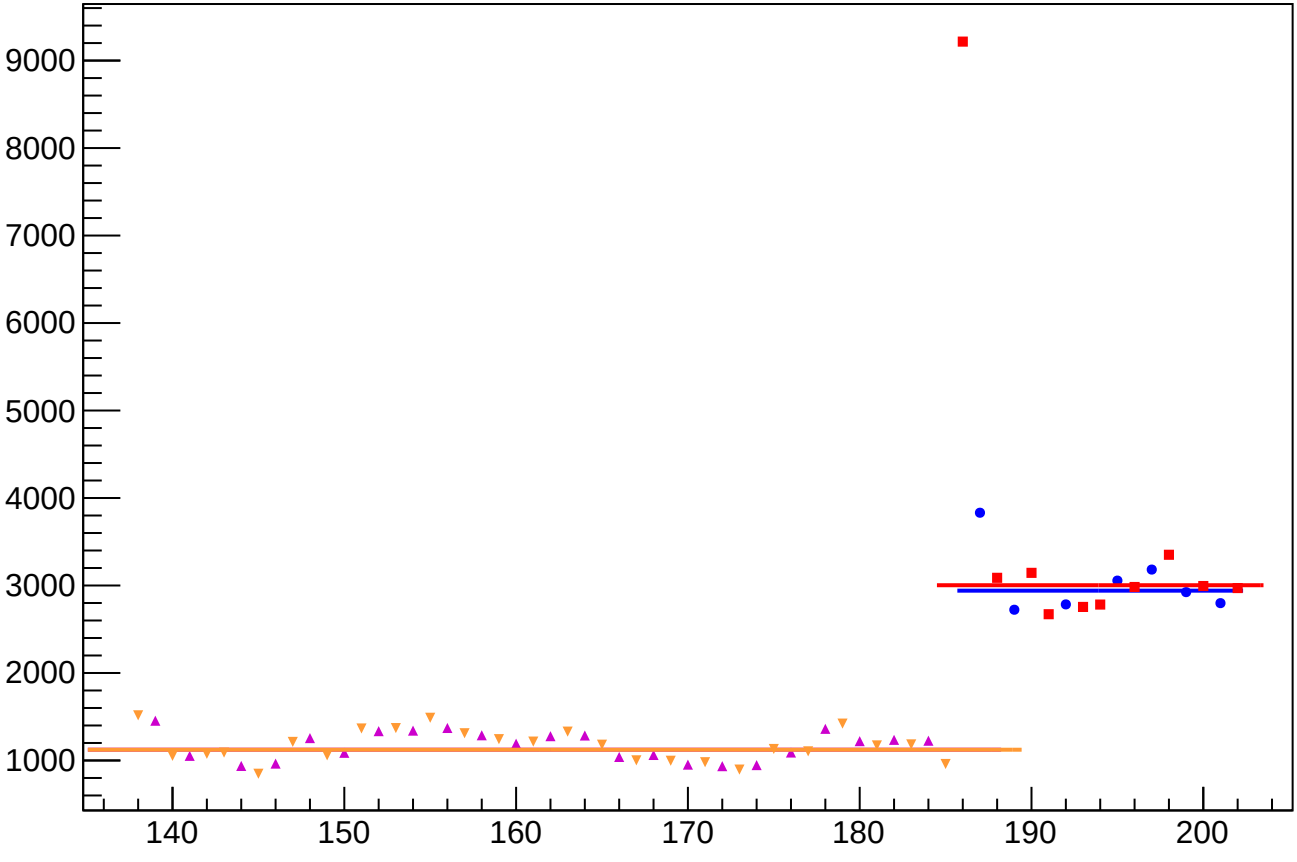
Left In: -276.678+/-270.547 χ^2/NDF:22.0/22

+ sign -1370.414+/-261.417 χ^2/NDF: 57.8/31

All: -867.252+/-185.674 χ^2/NDF: 97.3/64

- sign -355.009+/-263.765 χ^2/NDF: 32.0/32

asym_sam_48_avg_correction_rms vs Slug



Right In: 2940.978+/-1.005 χ^2/NDF: 40457.5/6

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 3003.093+/-0.838 χ^2/NDF: 386566.0/9

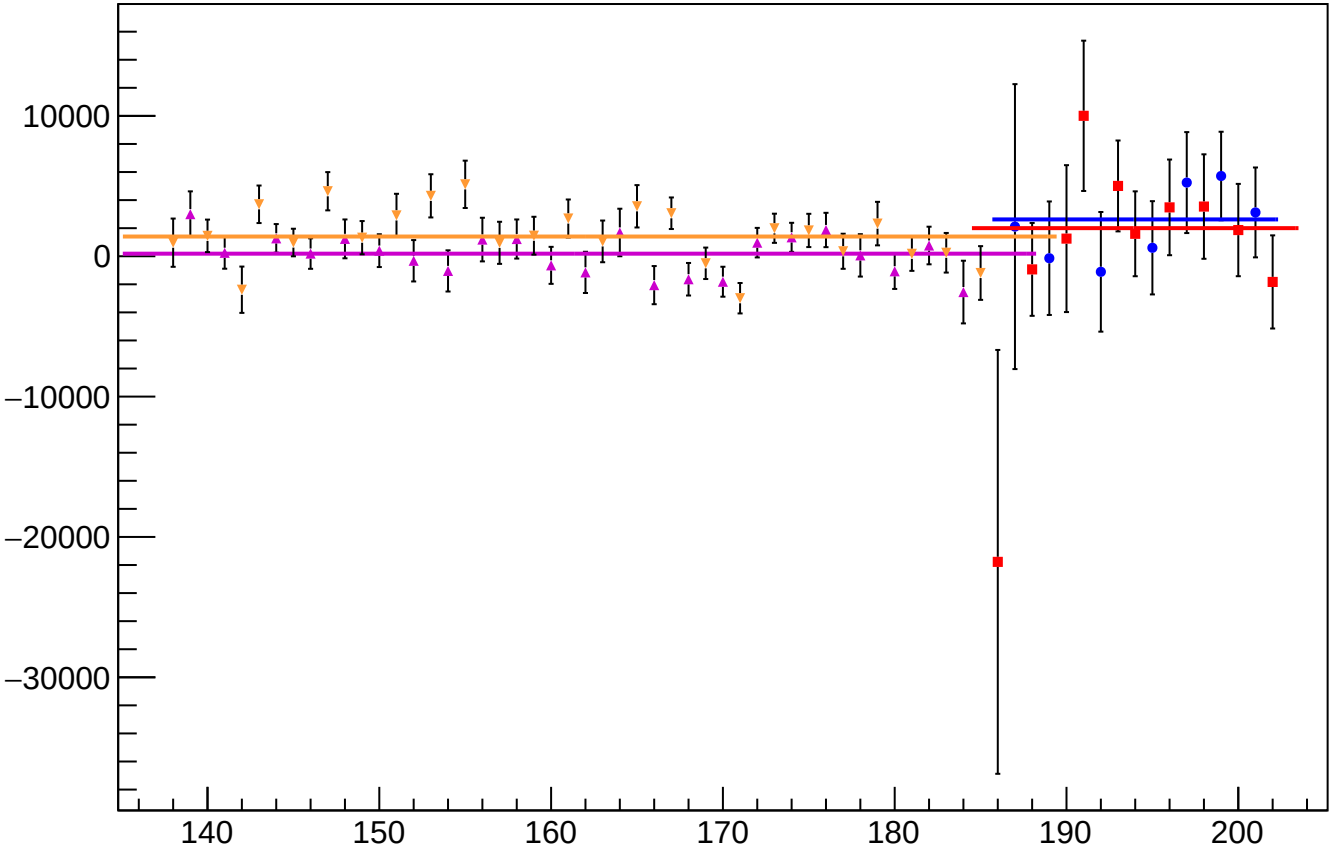
Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

+ sign 1184.469+/-0.185 χ^2/NDF: 4041577.0/31

All: 1200.198+/-0.131 χ^2/NDF: 9912958.9/64

- sign 1216.210+/-0.187 χ^2/NDF: 5856770.4/32

asym_sam_48_avg_mean vs Slug



Right In: 2624.074+/-1425.811 χ^2/NDF: 3.1/6

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: 2002.099+/-1183.972 χ^2/NDF: 8.1/9

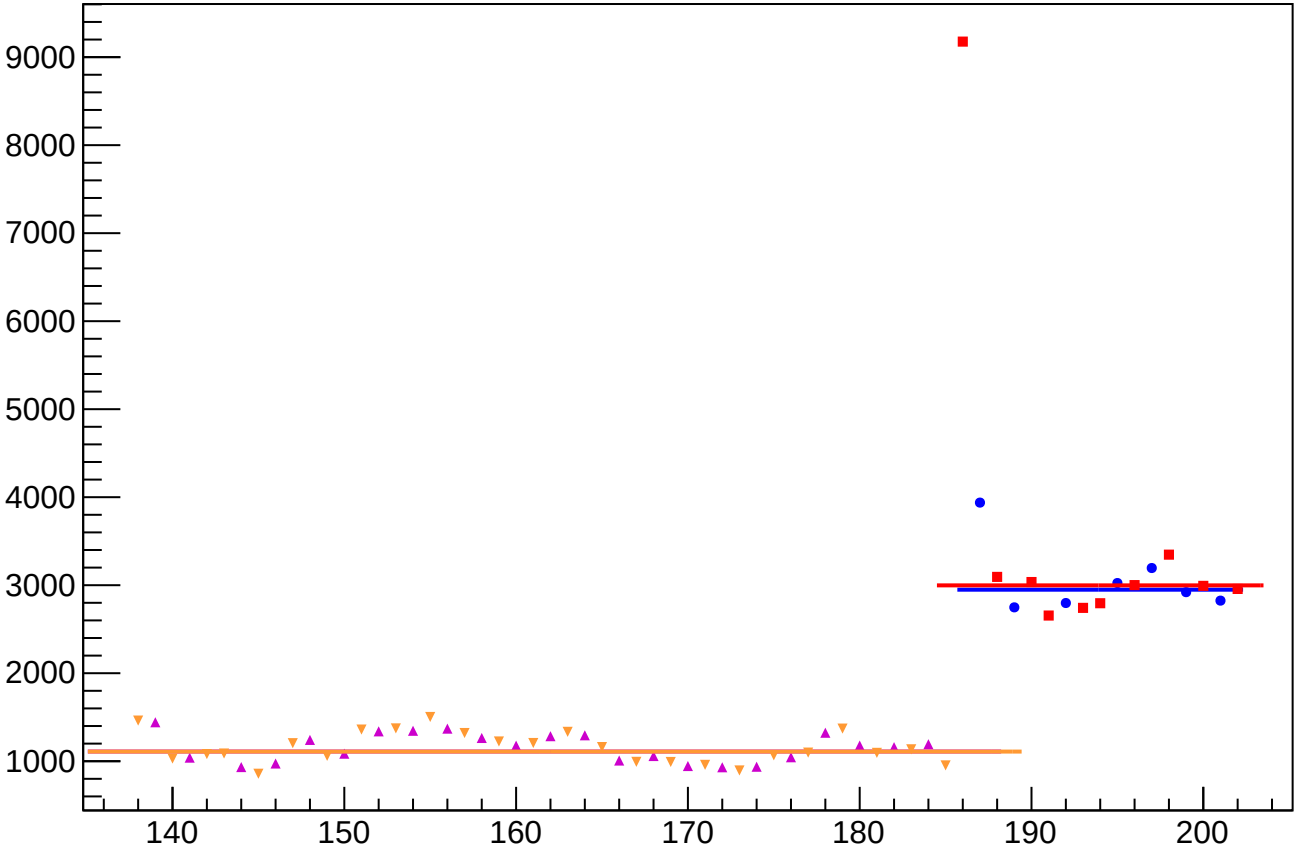
Left In: 183.249+/-267.620 χ^2/NDF:23.7/22

+ sign 1444.742+/-258.178 χ^2/NDF: 57.0/31

All: 864.656+/-183.561 χ^2/NDF: 101.2/64

- sign 271.661+/-261.035 χ^2/NDF: 34.1/32

asym_sam_48_avg_rms vs Slug



Right In: 2948.898+/-1.008 χ^2/NDF: 40026.2/6

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 2998.104+/-0.837 χ^2/NDF: 384225.2/9

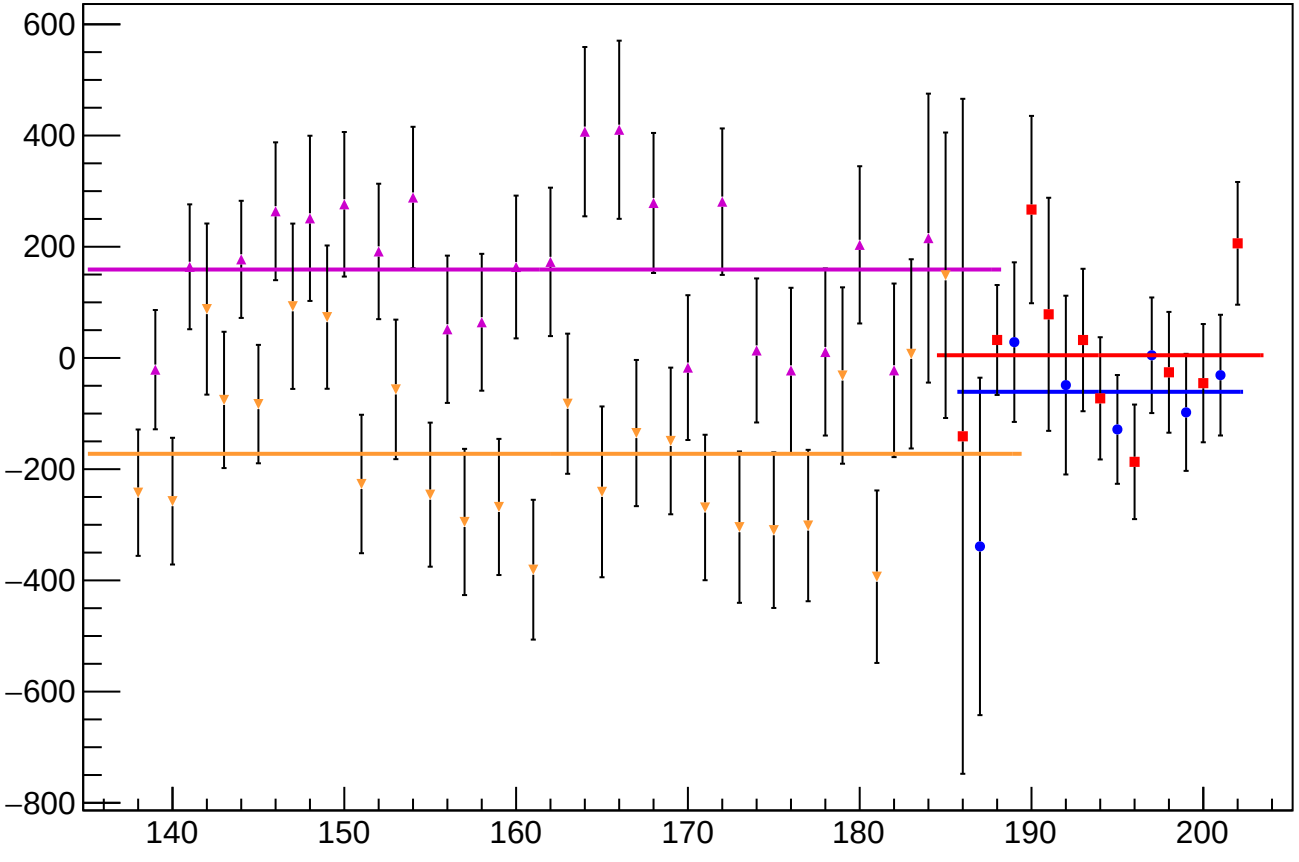
Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

+ sign 1169.882+/-0.183 χ^2/NDF: 4072156.3/31

All: 1185.731+/-0.130 χ^2/NDF: 9983047.4/64

- sign 1201.933+/-0.185 χ^2/NDF: 5895649.6/32

dit_asym_sam_15_dd_mean vs Slug



Right In: -60.854+/-46.109 χ^2/NDF: 2.3/6

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: 4.879+/-39.035 χ^2/NDF: 10.3/9

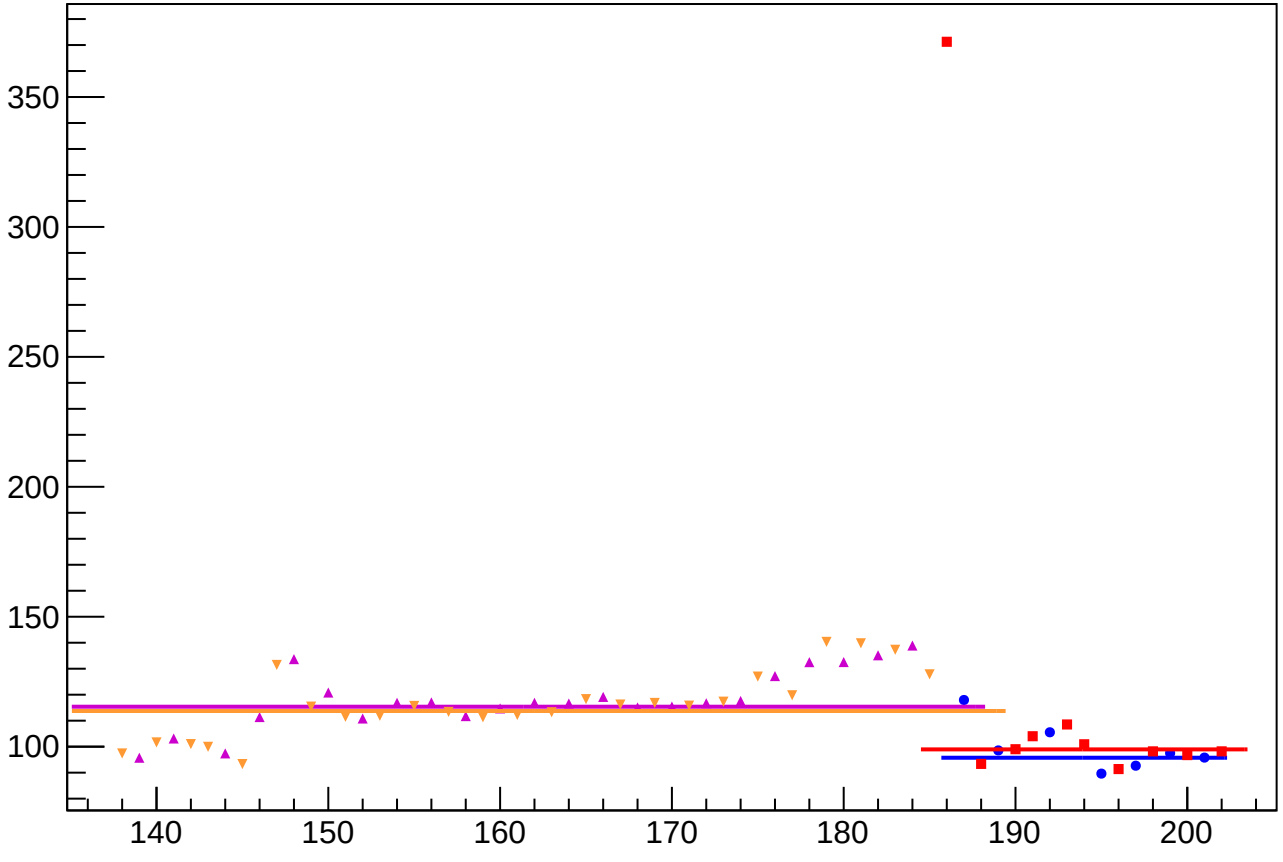
Left In: 159.044+/-27.608 χ^2/NDF:21.1/22

+ sign -144.343+/-23.112 χ^2/NDF: 33.9/31

All: -15.197+/-16.137 χ^2/NDF: 136.6/64

- sign 107.640+/-22.540 χ^2/NDF: 41.8/32

dit_asym_sam_15_dd_rms vs Slug



Right In: 95.742+/-0.033 χ^2/NDF: 29042.4/6

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 98.953+/-0.028 χ^2/NDF: 433817.2/9

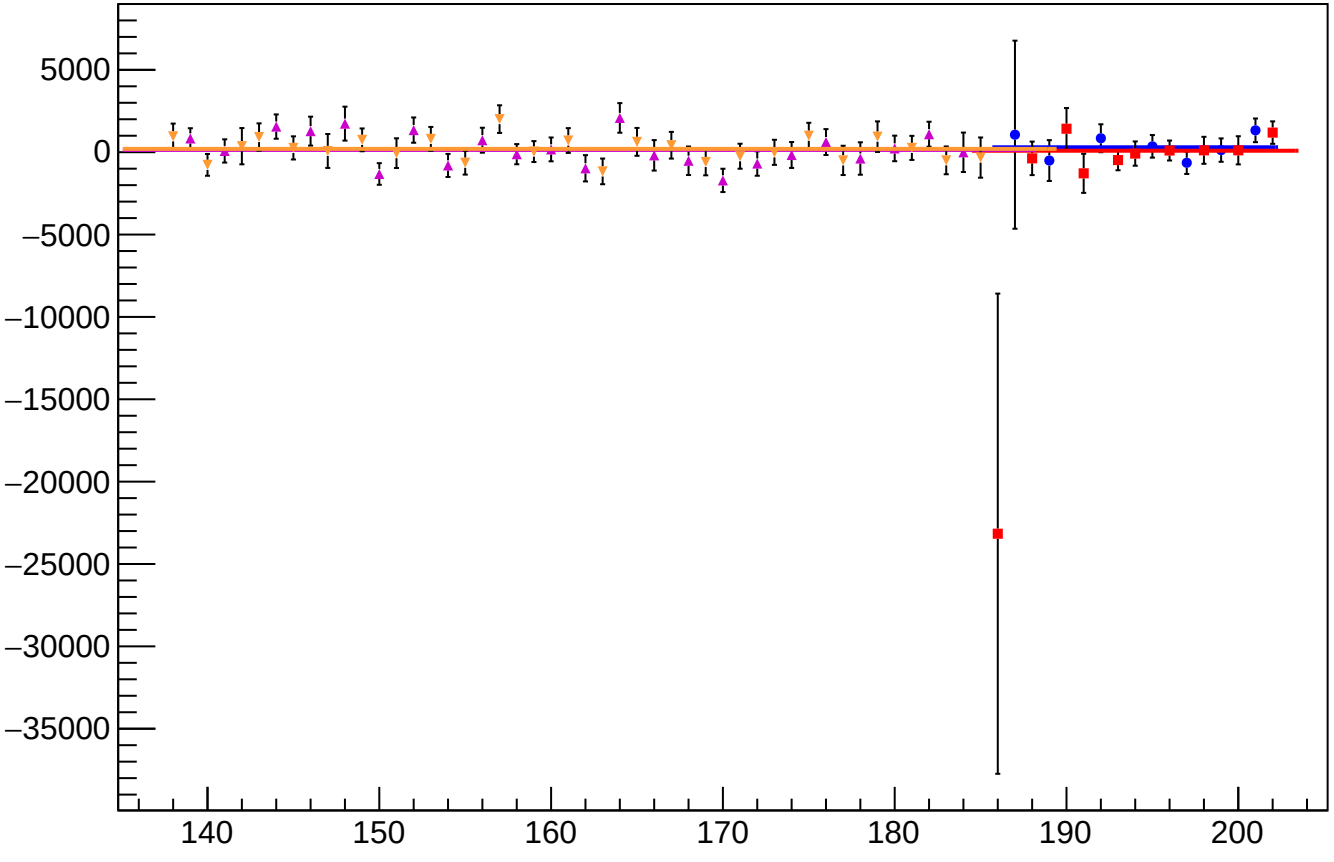
Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

+ sign 109.208+/-0.016 χ^2/NDF: 649045.2/31

All: 109.563+/-0.011 χ^2/NDF: 1628818.5/64

- sign 109.900+/-0.016 χ^2/NDF: 978854.5/32

asym_sam_15_dd_correction_mean vs Slug



Right In: 298.656+/-311.770 χ^2/NDF: 4.9/6

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 89.476+/-262.629 χ^2/NDF: 8.7/9

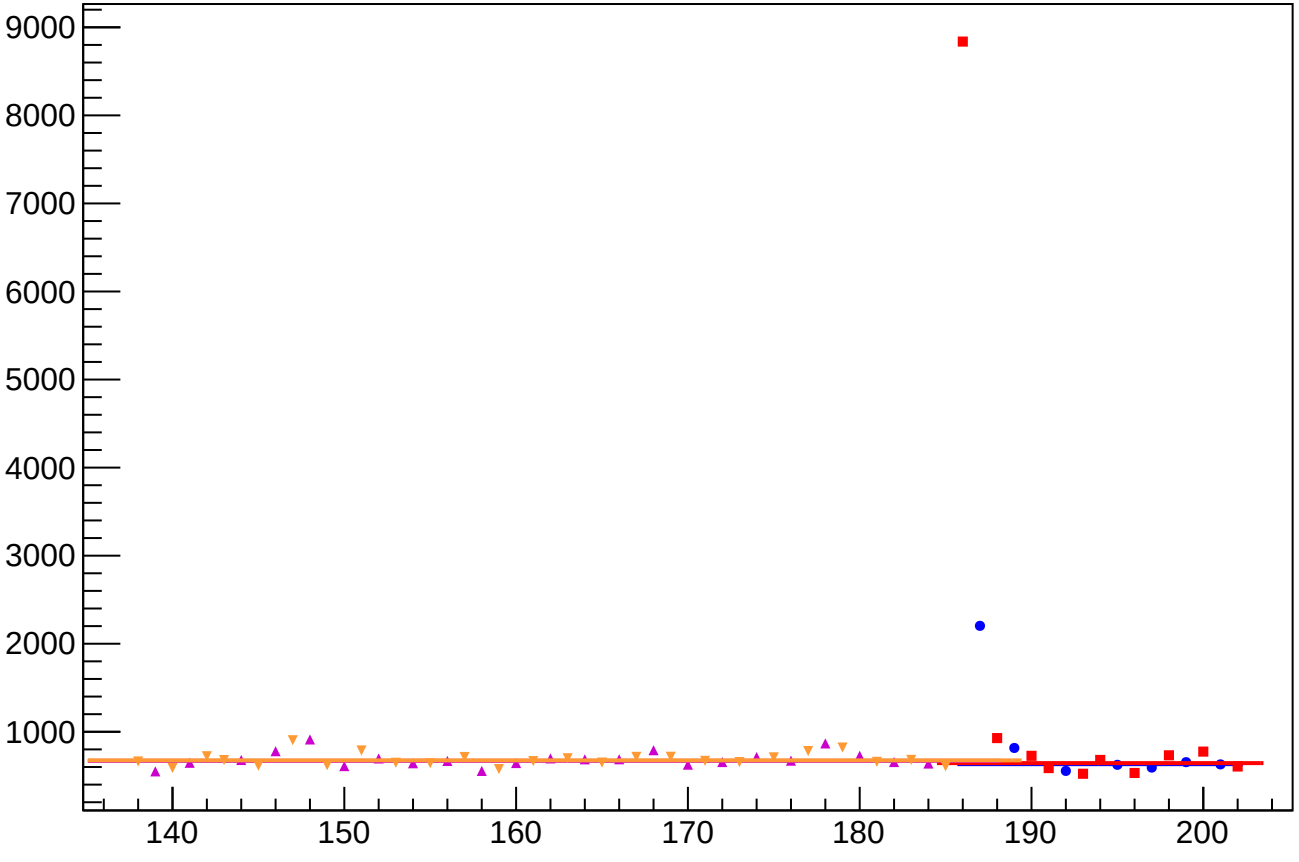
Left In: 140.039+/-161.024 χ^2/NDF:36.9/22

+ sign 222.326+/-141.664 χ^2/NDF: 24.7/31

All: 172.764+/-98.584 χ^2/NDF: 70.6/64

- sign 126.224+/-137.276 χ^2/NDF: 45.6/32

asym_sam_15_dd_correction_rms vs Slug



Right In: 632.540+/-0.220 χ^2/NDF: 220701.9/6

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 644.299+/-0.186 χ^2/NDF: 1027196.9/9

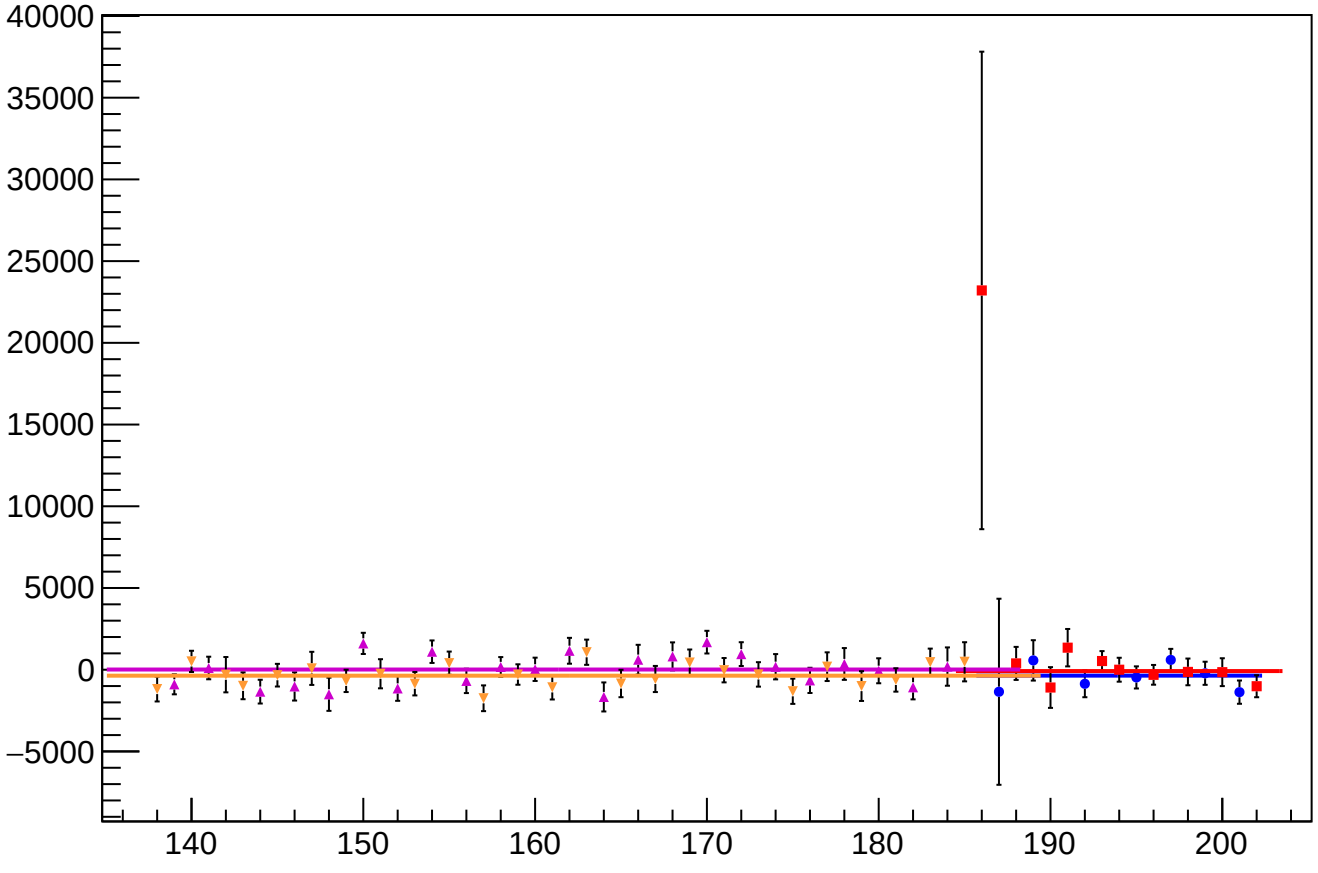
Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

+ sign 666.499+/-0.100 χ^2/NDF: 609318.1/31

All: 664.660+/-0.070 χ^2/NDF: 2115107.8/64

- sign 662.933+/-0.097 χ^2/NDF: 1505136.1/32

asym_sam_15_dd_mean vs Slug



Right In: -362.053+/-308.379 χ^2/NDF: 5.1/6

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -83.471+/-260.023 χ^2/NDF: 8.1/9

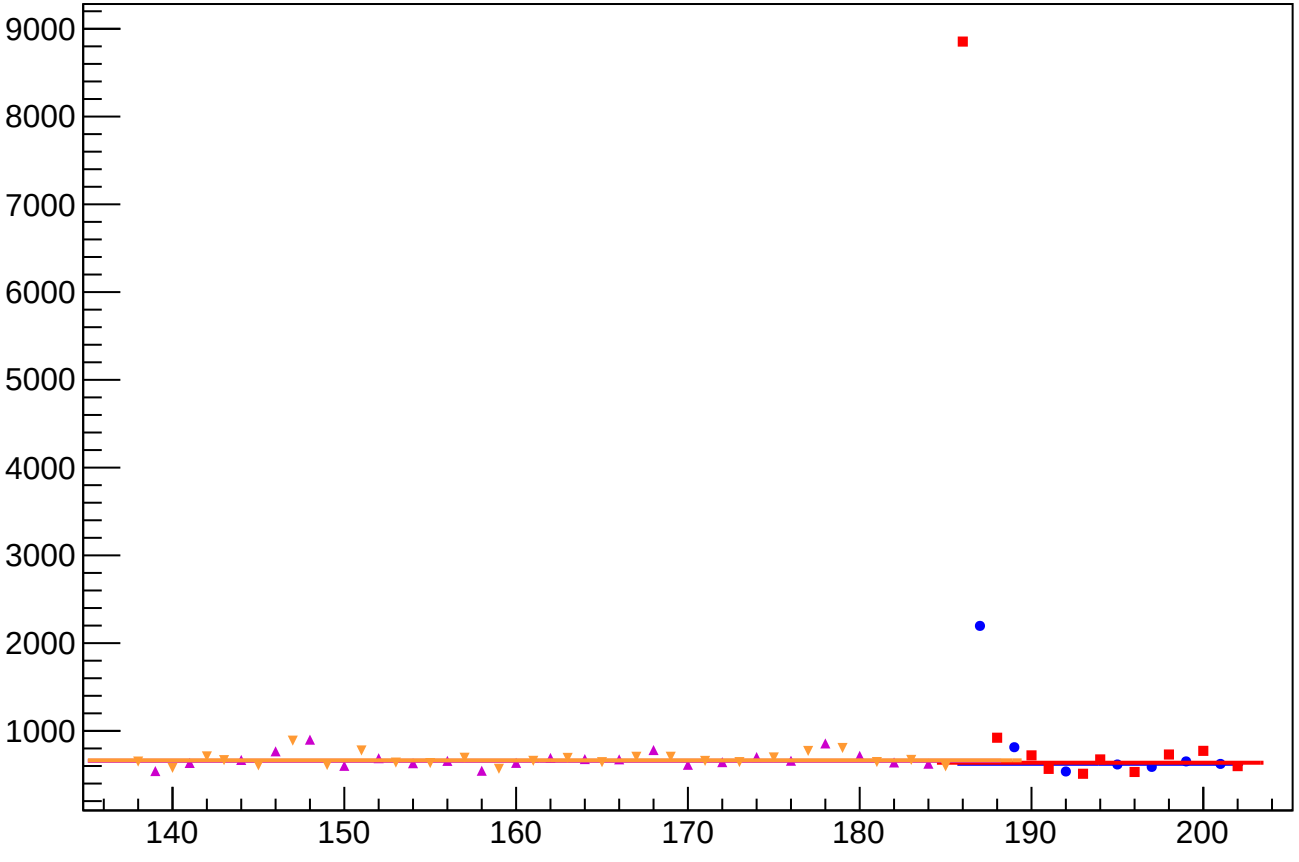
Left In: 11.243+/-158.497 χ^2/NDF:38.8/22

+ sign -364.711+/-139.416 χ^2/NDF: 23.8/31

All: -184.363+/-97.108 χ^2/NDF: 74.0/64

- sign -14.415+/-135.337 χ^2/NDF: 47.0/32

asym_sam_15_dd_rms vs Slug



Right In: 625.163+/-0.218 χ^2/NDF: 230670.1/6

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 637.299+/-0.184 χ^2/NDF: 1043572.2/9

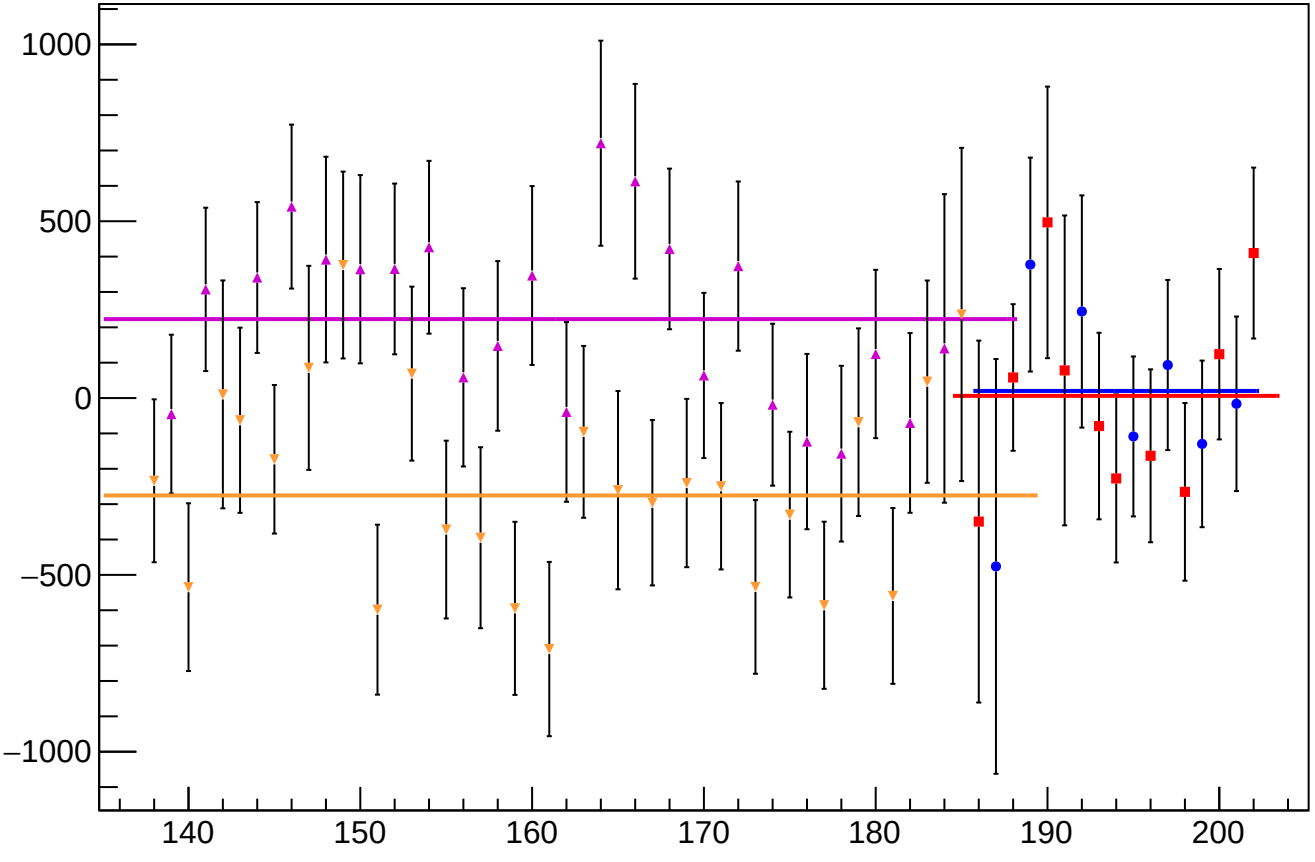
Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

+ sign 656.554+/-0.099 χ^2/NDF: 613682.4/31

All: 654.873+/-0.069 χ^2/NDF: 2140936.8/64

- sign 653.289+/-0.096 χ^2/NDF: 1526689.7/32

dit_asym_sam_26_dd_mean vs Slug



Right In: 20.131+/-102.924 χ^2/NDF: 3.4/6

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: 6.228+/-85.099 χ^2/NDF: 8.0/9

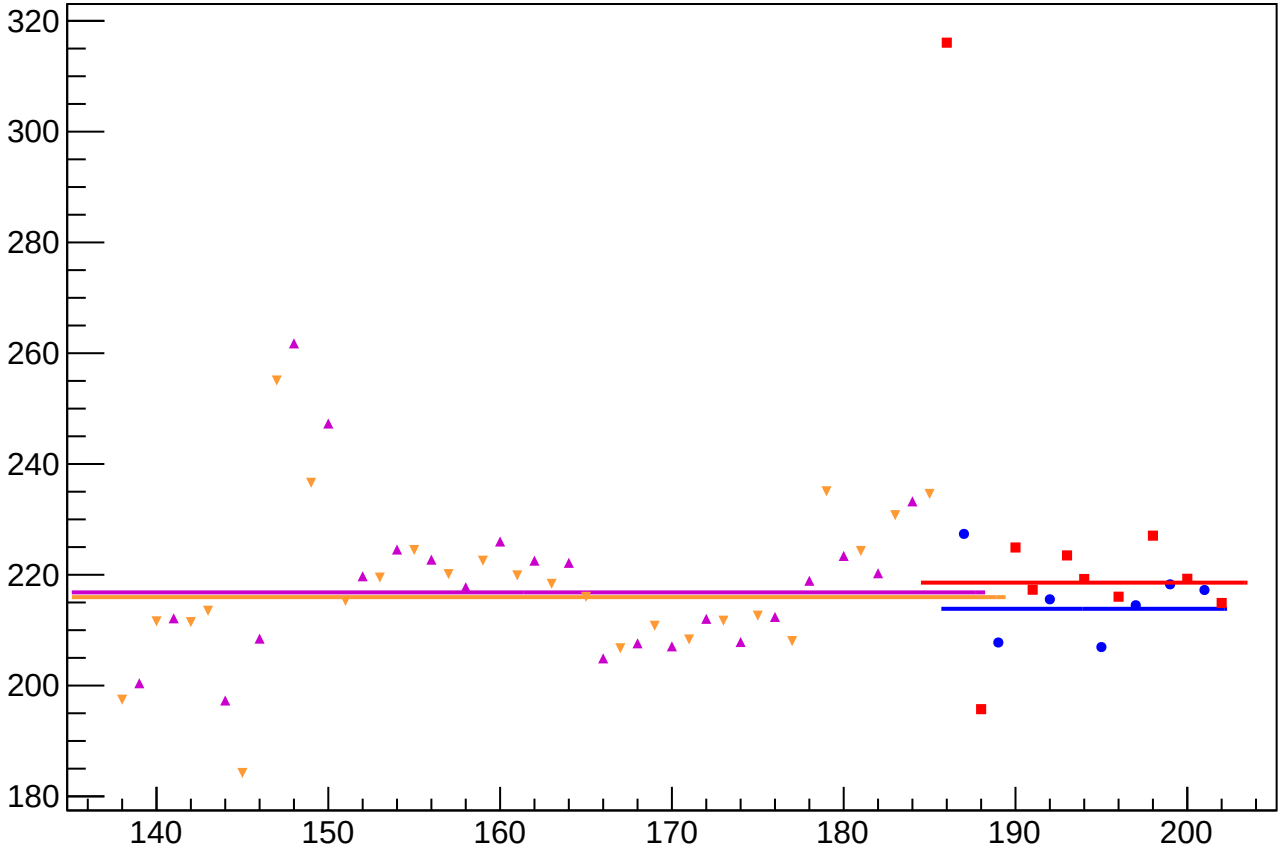
Left In: 223.195+/-51.742 χ^2/NDF:20.8/22

+ sign -218.023+/-45.365 χ^2/NDF: 37.4/31

All: -21.764+/-31.662 χ^2/NDF: 107.4/64

- sign 164.634+/-44.211 χ^2/NDF: 33.5/32

dit_asym_sam_26_dd_rms vs Slug



Right In: 213.860+/-0.073 χ^2/NDF: 4891.3/6

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 218.583+/-0.060 χ^2/NDF: 101130.6/9

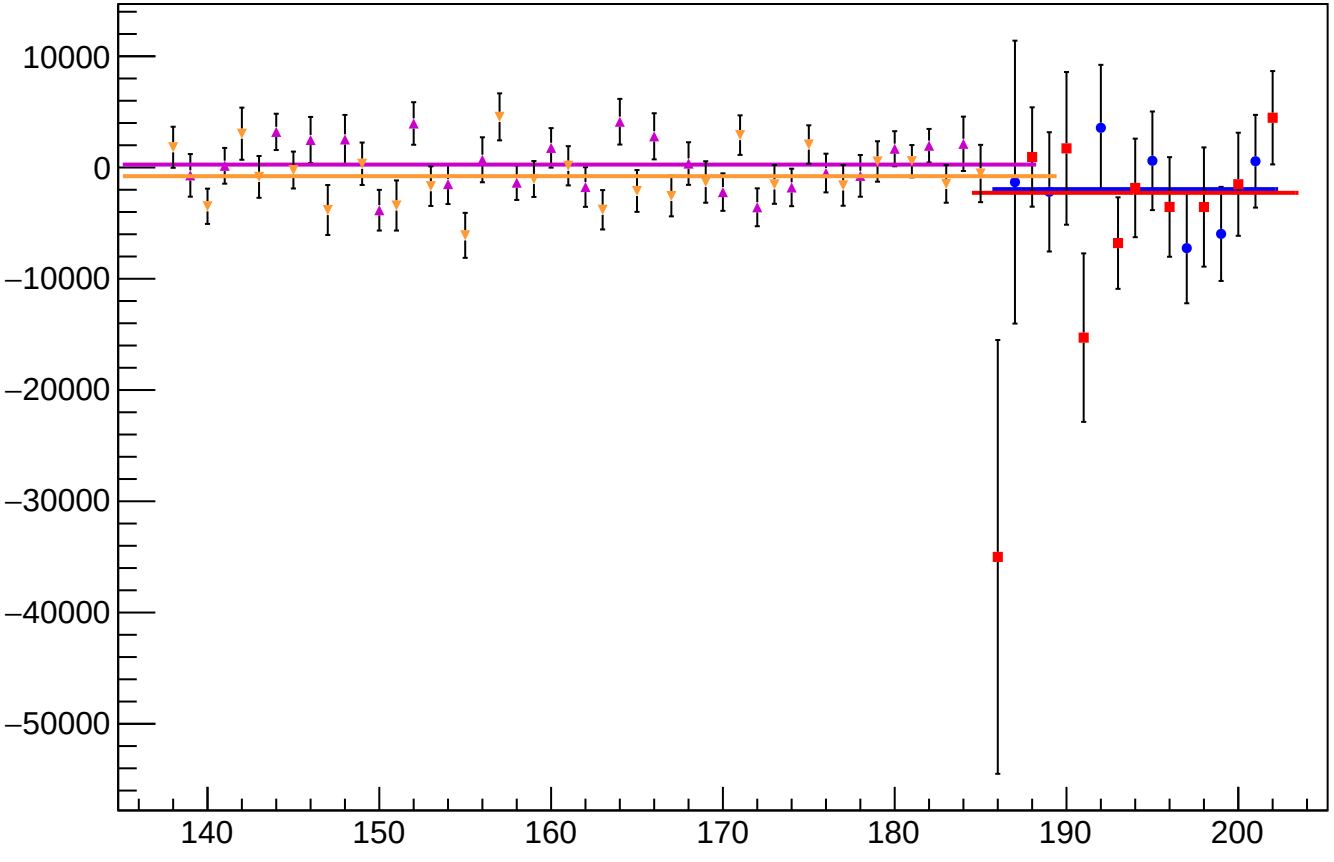
Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

+ sign 215.555+/-0.032 χ^2/NDF: 150299.5/31

All: 216.448+/-0.022 χ^2/NDF: 386088.0/64

- sign 217.297+/-0.031 χ^2/NDF: 234275.6/32

asym_sam_26_dd_correction_mean vs Slug



Right In: -1942.816+/-1898.801 χ^2/NDF: 3.7/6

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: -2275.299+/-1601.832 χ^2/NDF: 10.6/9

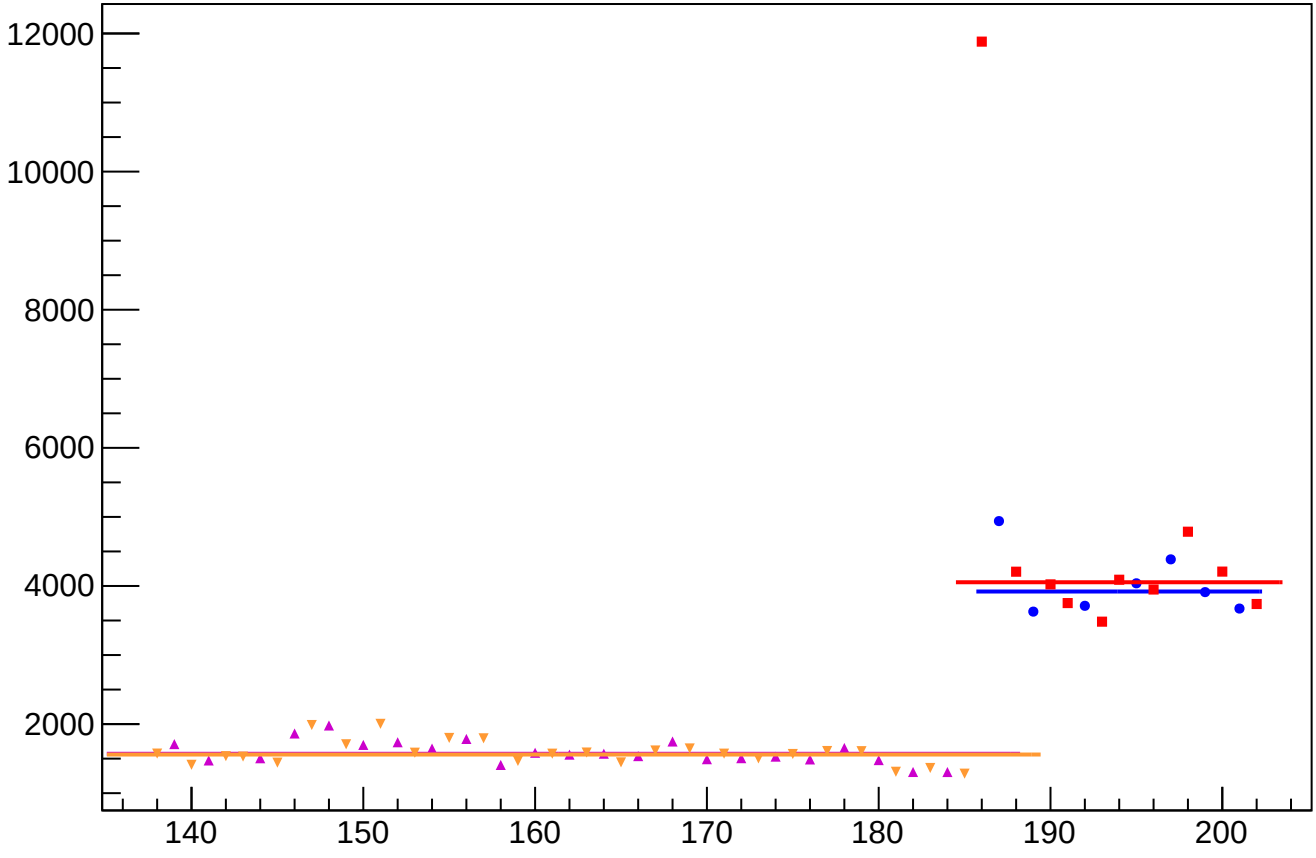
Left In: 261.815+/-376.203 χ^2/NDF:35.4/22

+ sign -821.044+/-360.298 χ^2/NDF: 42.5/31

All: -353.696+/-256.843 χ^2/NDF: 94.4/64

- sign 129.188+/-366.238 χ^2/NDF: 48.4/32

asym_sam_26_dd_correction_rms vs Slug



Right In: 3919.932+/-1.343 χ^2/NDF: 47546.0/6

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 4054.011+/-1.133 χ^2/NDF: 418592.9/9

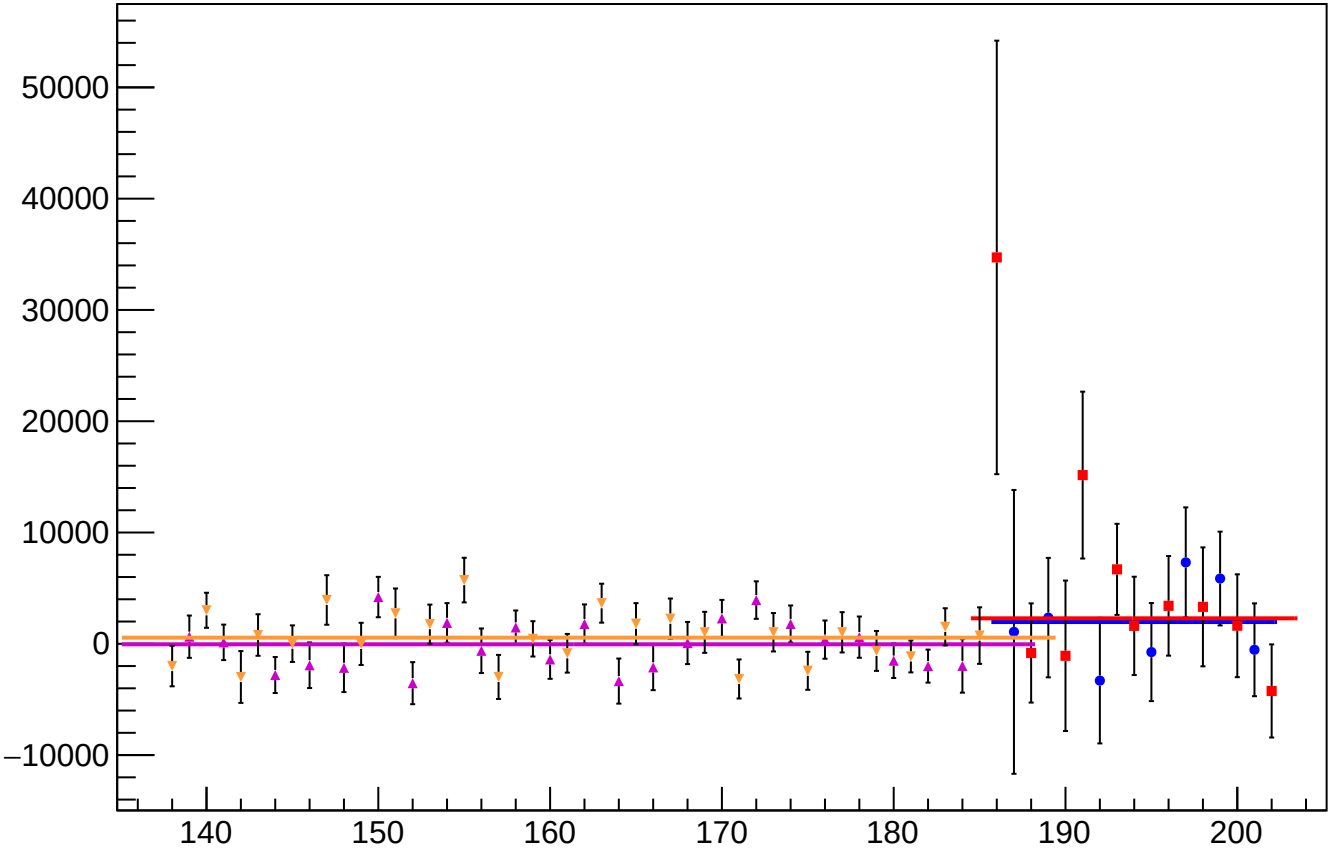
Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

+ sign 1644.492+/-0.255 χ^2/NDF: 3406094.4/31

All: 1671.873+/-0.182 χ^2/NDF: 8734511.2/64

- sign 1700.164+/-0.259 χ^2/NDF: 5304931.4/32

asym_sam_26_dd_mean vs Slug



Right In: 1955.827+/-1894.997 χ^2/NDF: 3.6/6

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: 2289.412+/-1596.296 χ^2/NDF: 10.2/9

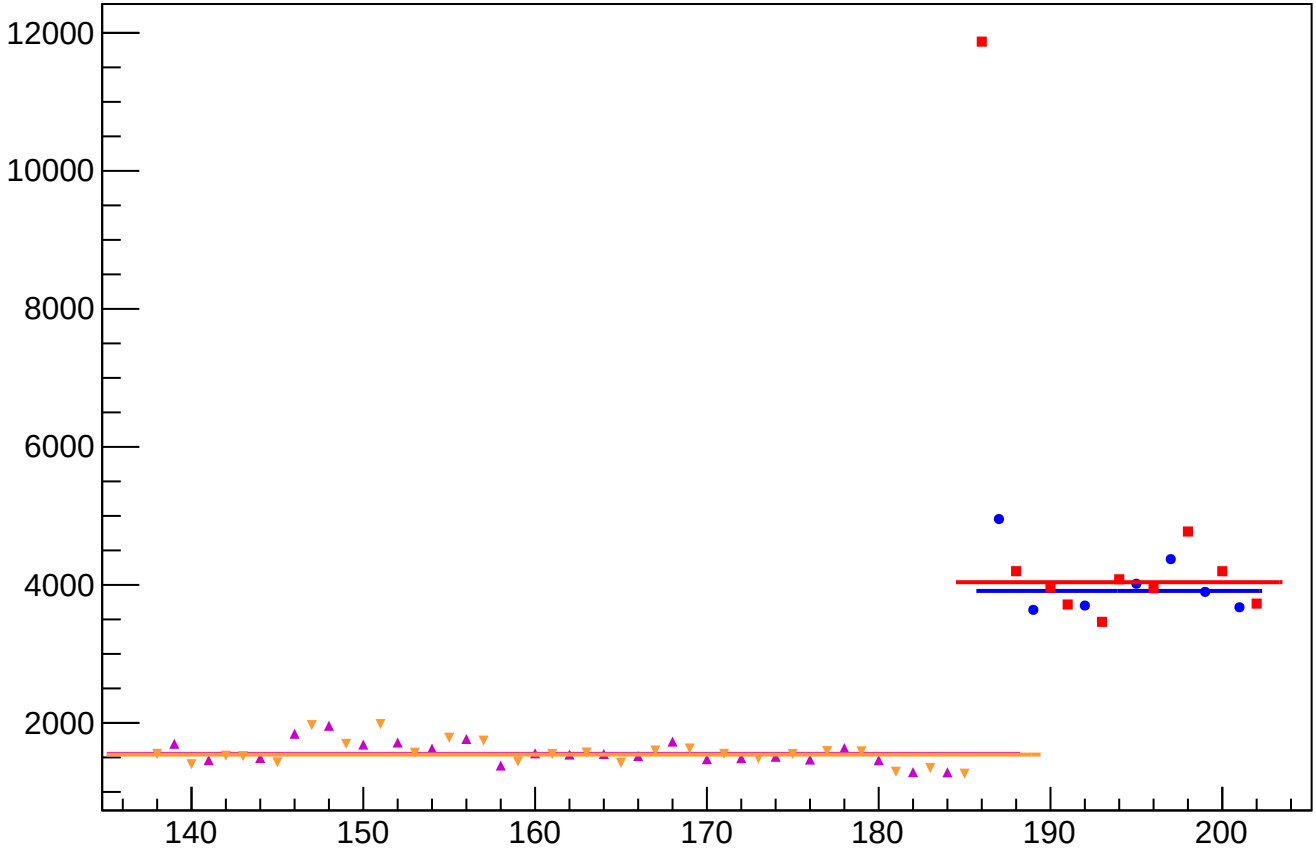
Left In: -43.949+/-371.765 χ^2/NDF:33.5/22

+ sign 599.631+/-355.733 χ^2/NDF: 39.7/31

All: 342.490+/-253.754 χ^2/NDF: 86.5/64

- sign 76.099+/-362.076 χ^2/NDF: 45.7/32

asym_sam_26_dd_rms vs Slug



Right In: 3912.932+/-1.340 χ^2/NDF: 46342.9/6

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 4039.319+/-1.129 χ^2/NDF: 421544.8/9

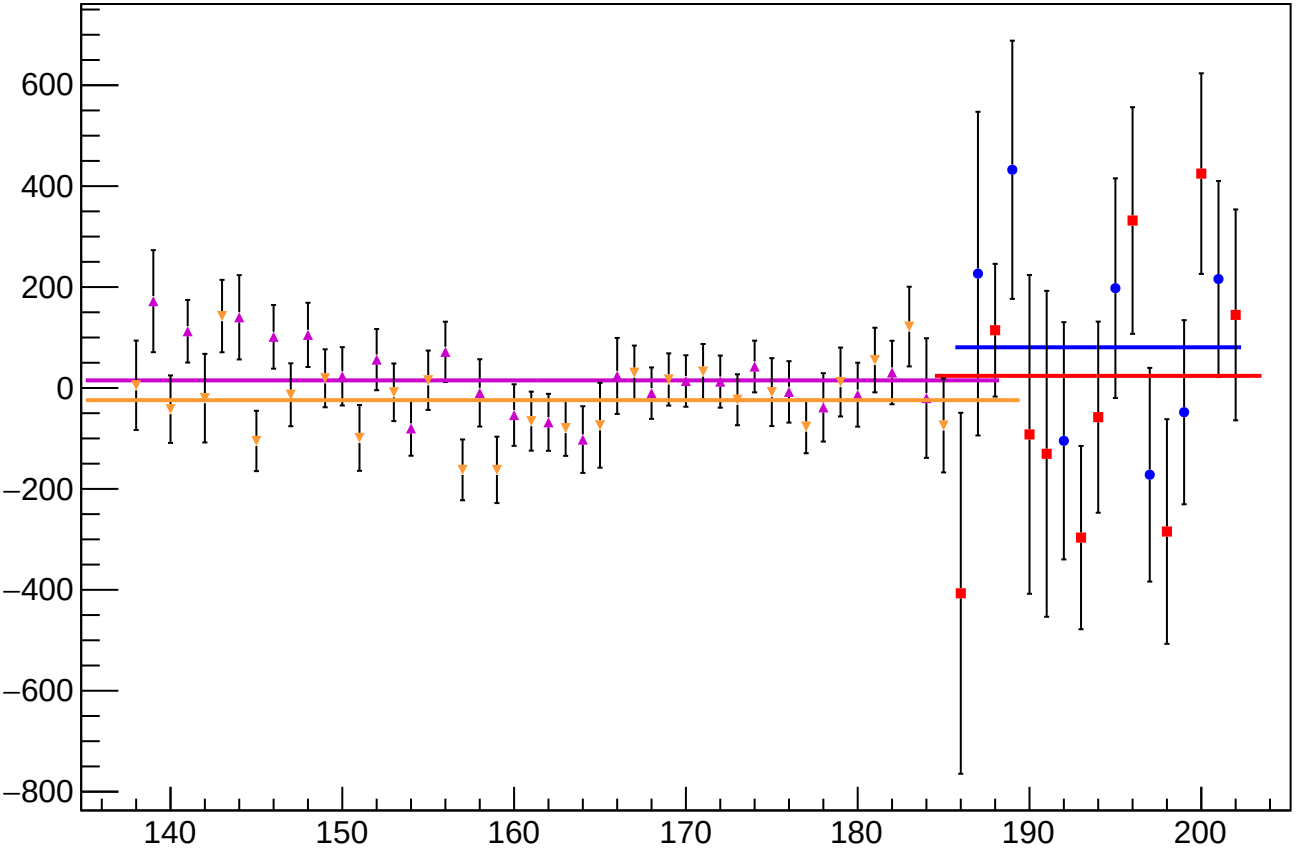
Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

+ sign 1624.730+/-0.252 χ^2/NDF: 3451033.0/31

All: 1651.619+/-0.179 χ^2/NDF: 8842802.1/64

- sign 1679.476+/-0.256 χ^2/NDF: 5368503.1/32

dit_asym_sam_37_dd_mean vs Slug



Right In: 80.652+/-83.618 χ^2/NDF: 5.4/6

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: 24.040+/-65.704 χ^2/NDF: 13.8/9

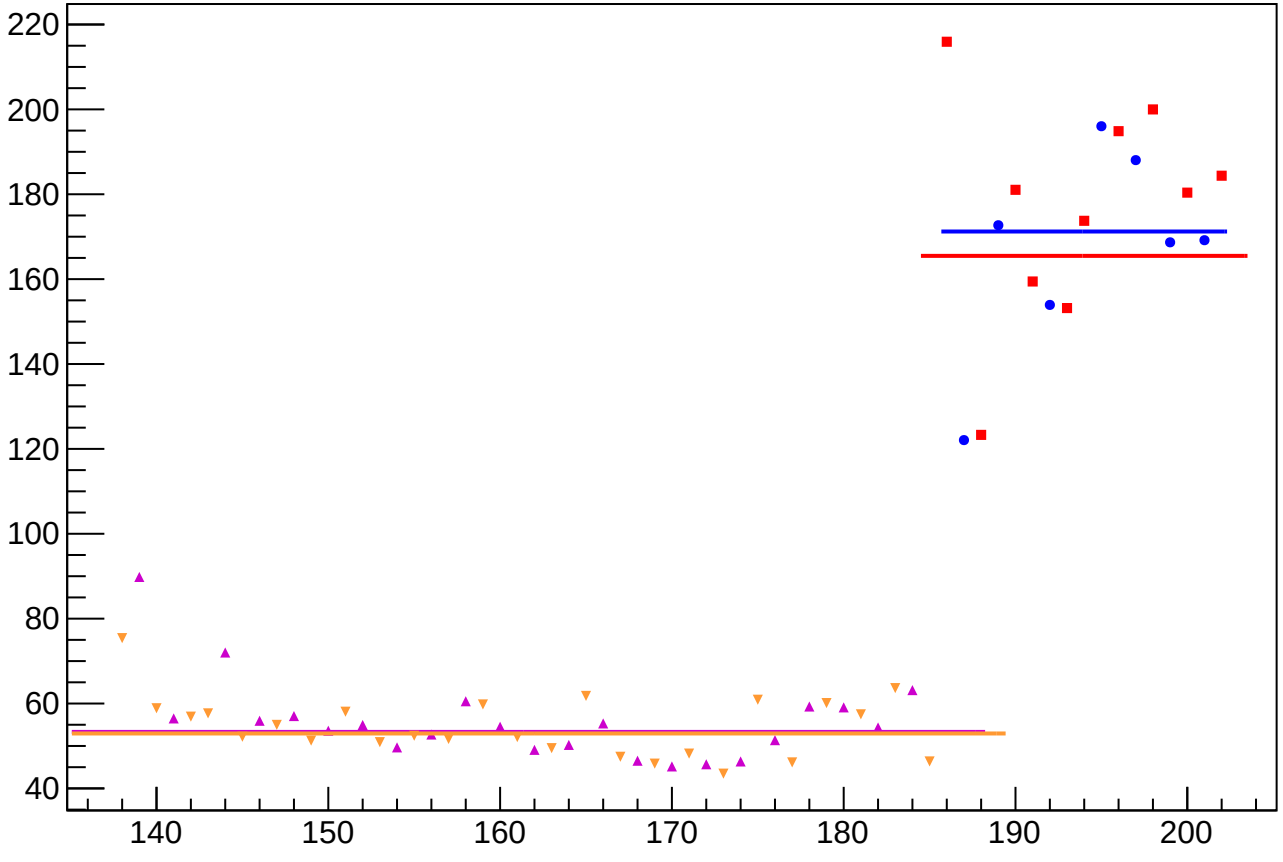
Left In: 15.058+/-12.921 χ^2/NDF:23.8/22

+ sign -21.827+/-12.387 χ^2/NDF: 37.6/31

All: -3.650+/-8.860 χ^2/NDF: 79.7/64

- sign 15.393+/-12.678 χ^2/NDF: 37.7/32

dit_asym_sam_37_dd_rms vs Slug



Right In: 171.222+/-0.059 χ^2/NDF: 97066.3/6

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 165.483+/-0.046 χ^2/NDF: 373839.8/9

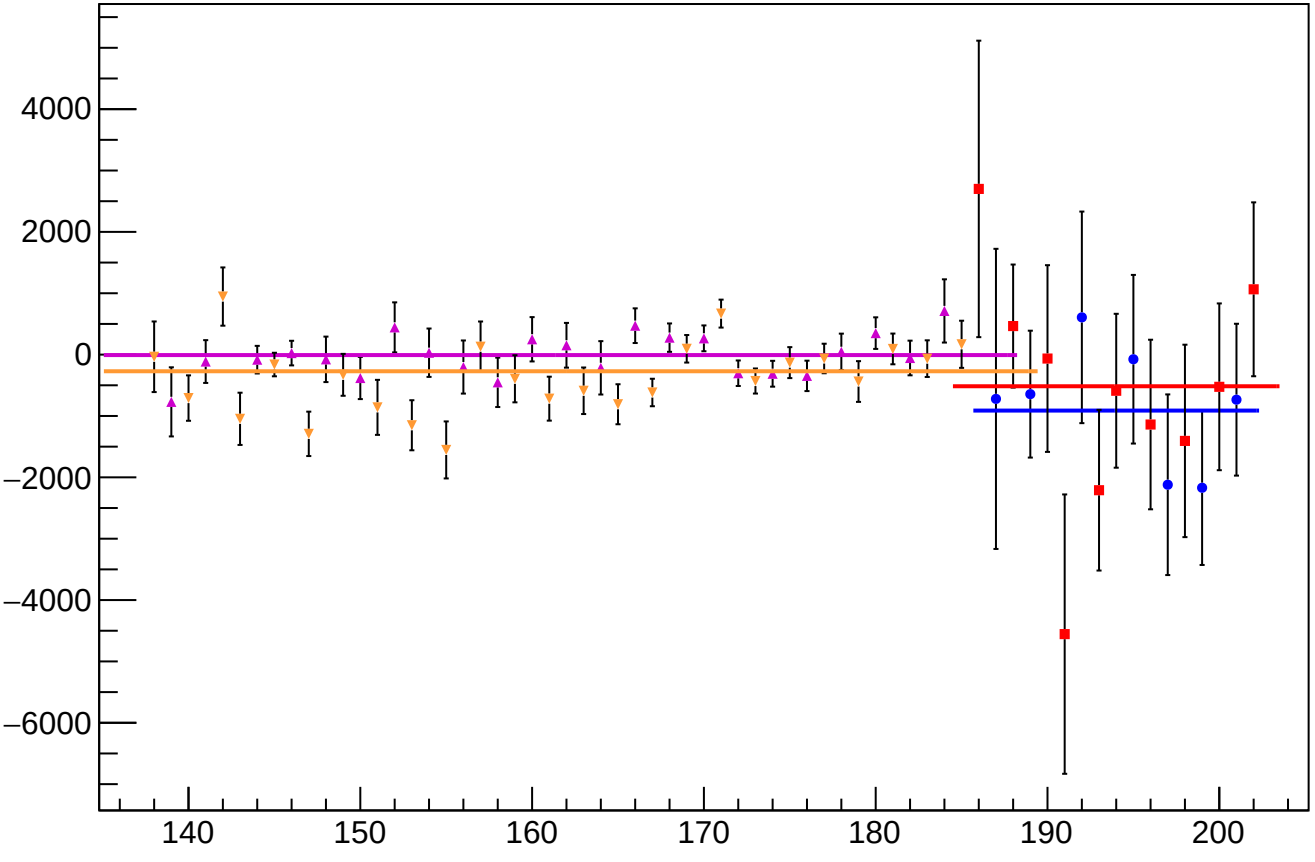
Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

+ sign 55.538+/-0.009 χ^2/NDF: 4524164.5/31

All: 56.490+/-0.006 χ^2/NDF: 11178517.1/64

- sign 57.489+/-0.009 χ^2/NDF: 6630119.9/32

asym_sam_37_dd_correction_mean vs Slug



Right In: -912.046+/-518.817 χ^2/NDF: 2.9/6

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: -515.648+/-448.098 χ^2/NDF: 9.4/9

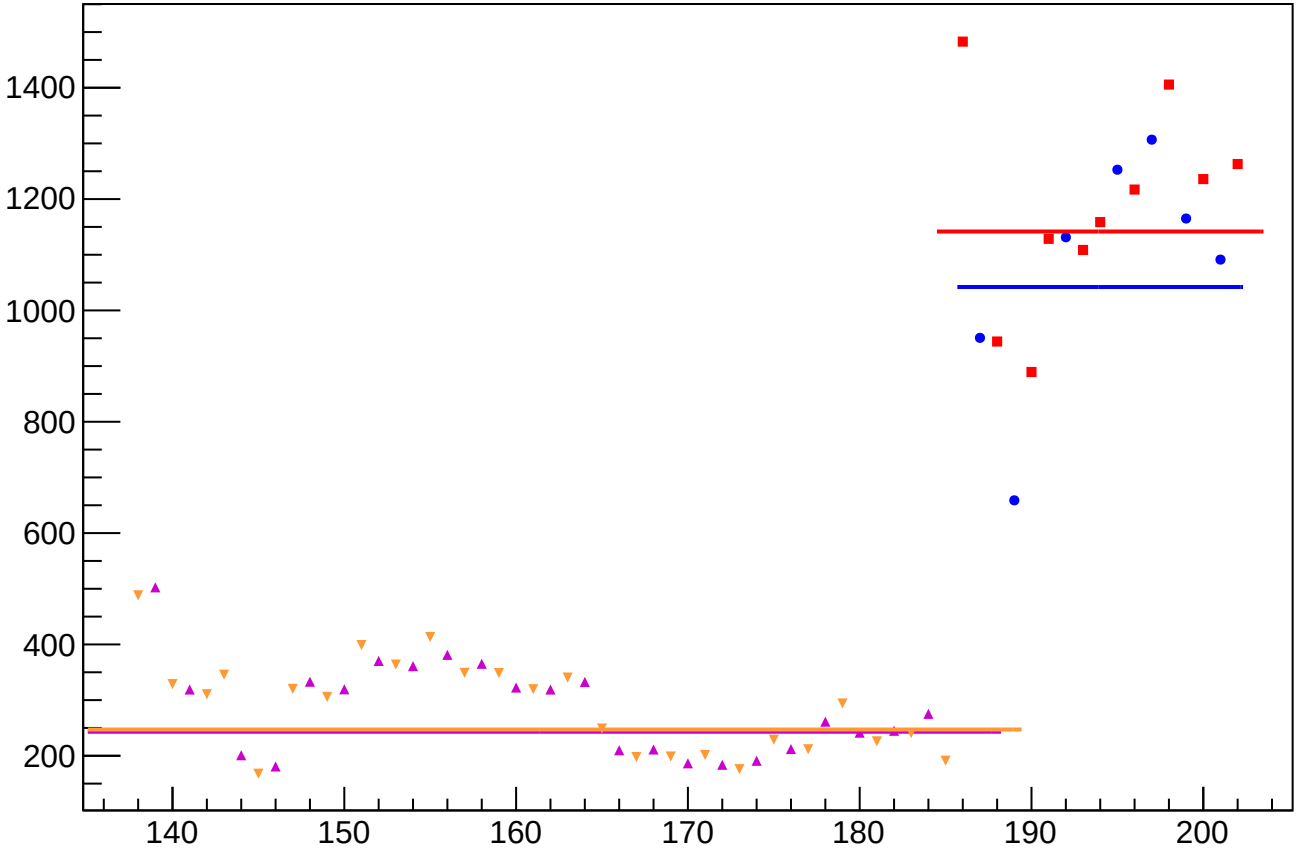
Left In: -7.535+/-60.328 χ^2/NDF:22.9/22

+ sign -279.777+/-59.882 χ^2/NDF: 72.1/31

All: -147.973+/-42.310 χ^2/NDF: 115.3/64

- sign -16.580+/-59.788 χ^2/NDF: 33.5/32

asym_sam_37_dd_correction_rms vs Slug



Right In: 1042.031+/-0.367 χ^2/NDF: 416855.5/6

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 1141.745+/-0.317 χ^2/NDF: 261109.0/9

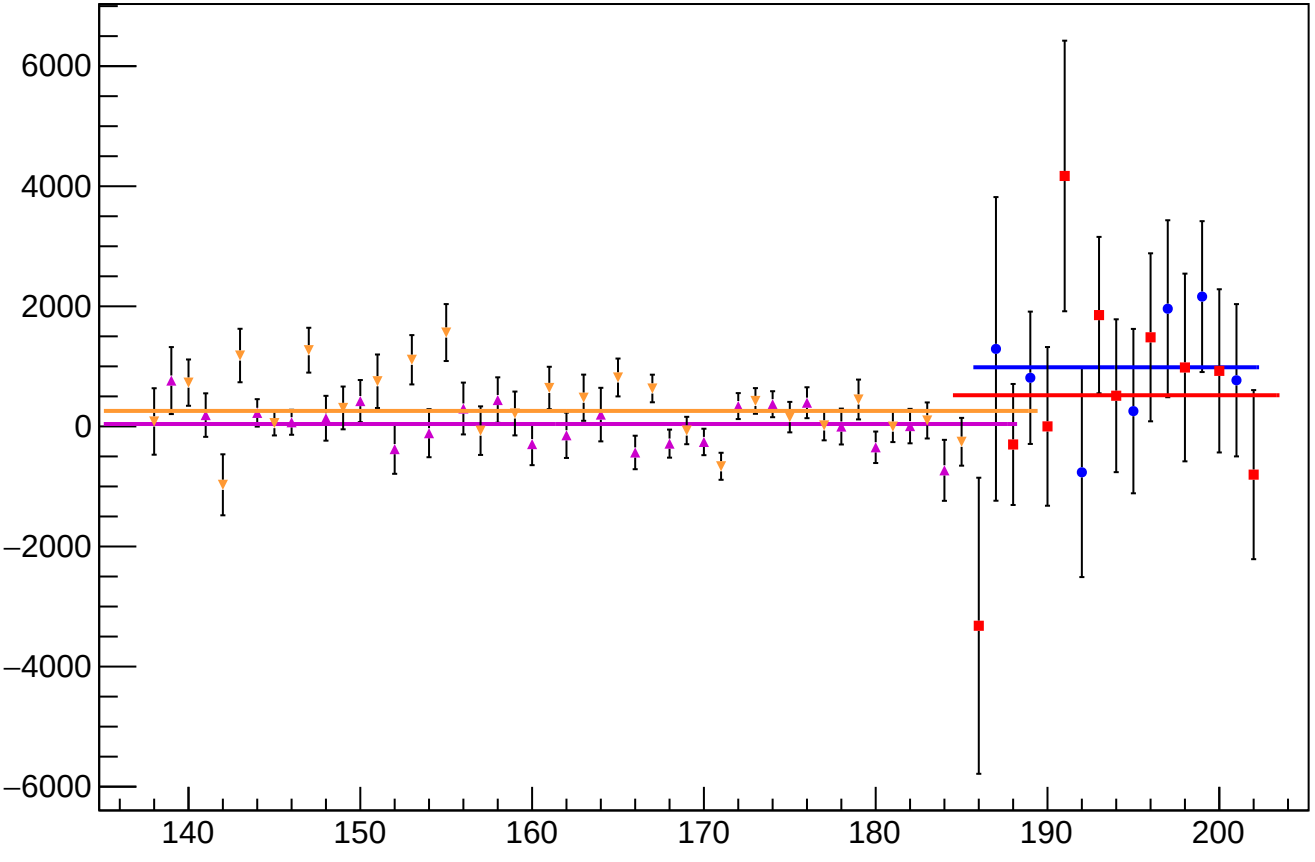
Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

+ sign 257.755+/-0.042 χ^2/NDF: 7902112.6/31

All: 258.471+/-0.030 χ^2/NDF: 18634012.5/64

- sign 259.186+/-0.042 χ^2/NDF: 10731328.0/32

asym_sam_37_dd_mean vs Slug



Right In: 984.927+/-530.201 χ^2/NDF: 2.7/6

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: 519.177+/-443.182 χ^2/NDF: 8.5/9

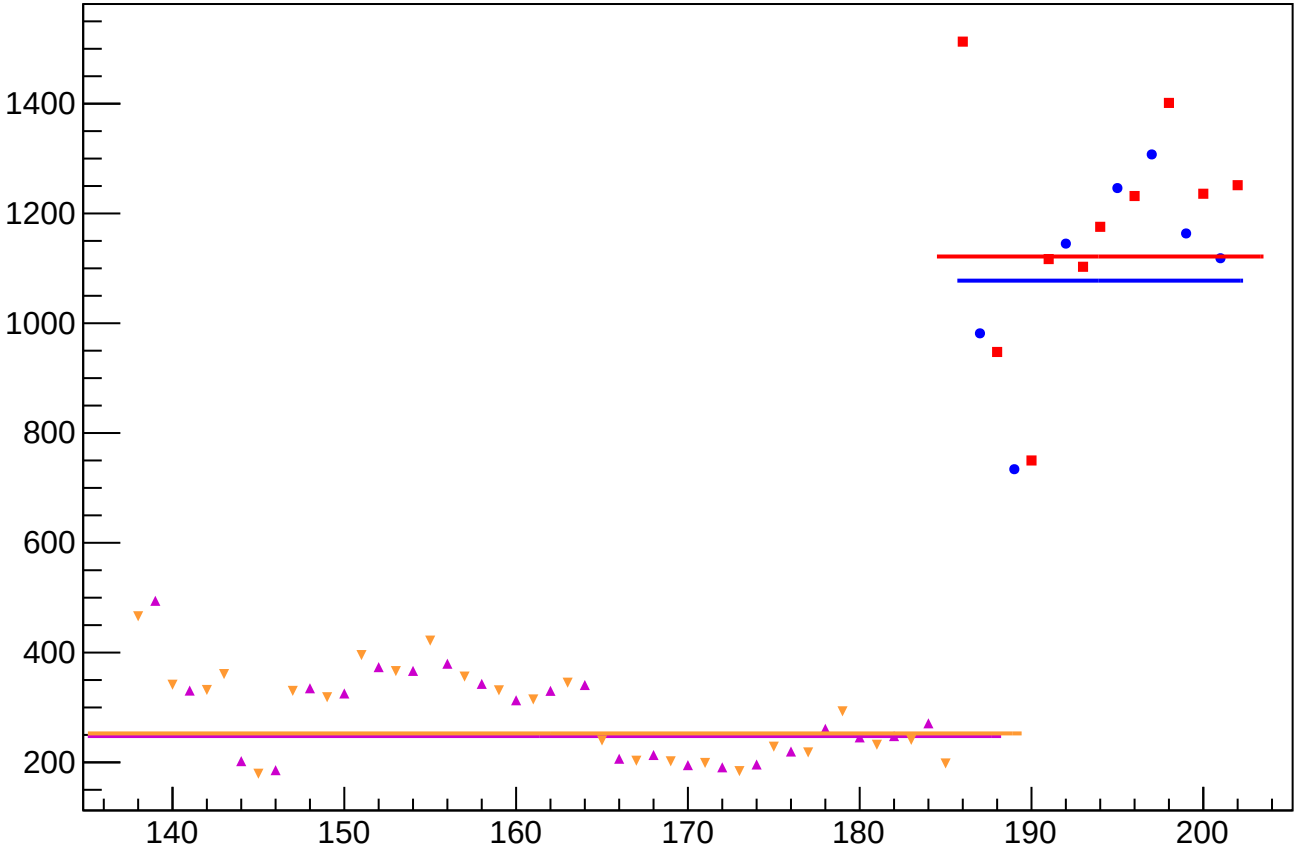
Left In: 40.015+/-61.495 χ^2/NDF:25.0/22

+ sign 267.690+/-61.078 χ^2/NDF: 69.5/31

All: 158.080+/-43.130 χ^2/NDF: 110.6/64

- sign 49.067+/-60.912 χ^2/NDF: 34.6/32

asym_sam_37_dd_rms vs Slug



Right In: 1077.601+/-0.375 χ^2/NDF: 290687.4/6

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 1121.585+/-0.313 χ^2/NDF: 379845.0/9

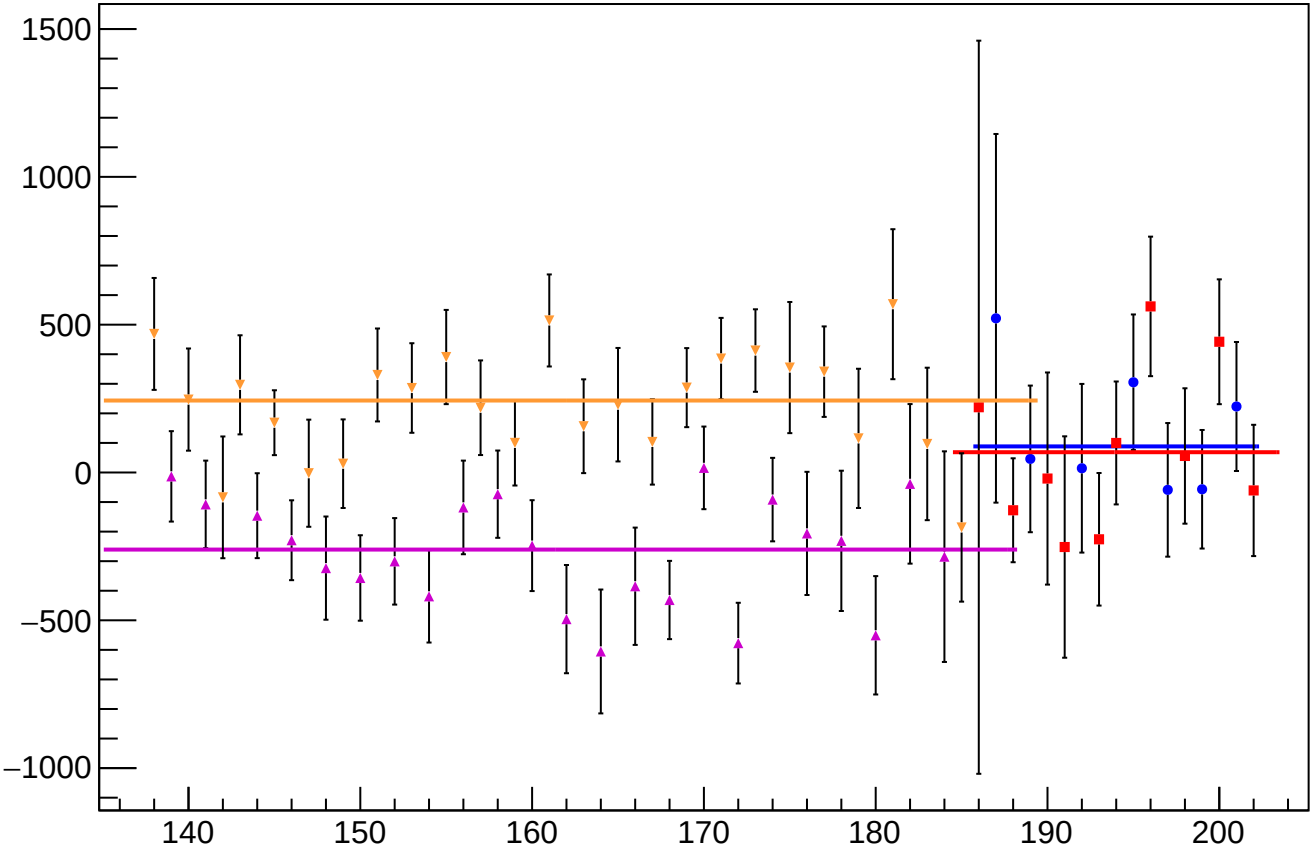
Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

+ sign 263.667+/-0.043 χ^2/NDF: 7716204.6/31

All: 264.046+/-0.030 χ^2/NDF: 18096504.2/64

- sign 264.422+/-0.043 χ^2/NDF: 10380146.5/32

dit_asym_sam_48_dd_mean vs Slug



Right In: 88.222+/-93.014 χ^2/NDF: 2.8/6

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: 68.607+/-76.543 χ^2/NDF: 11.6/9

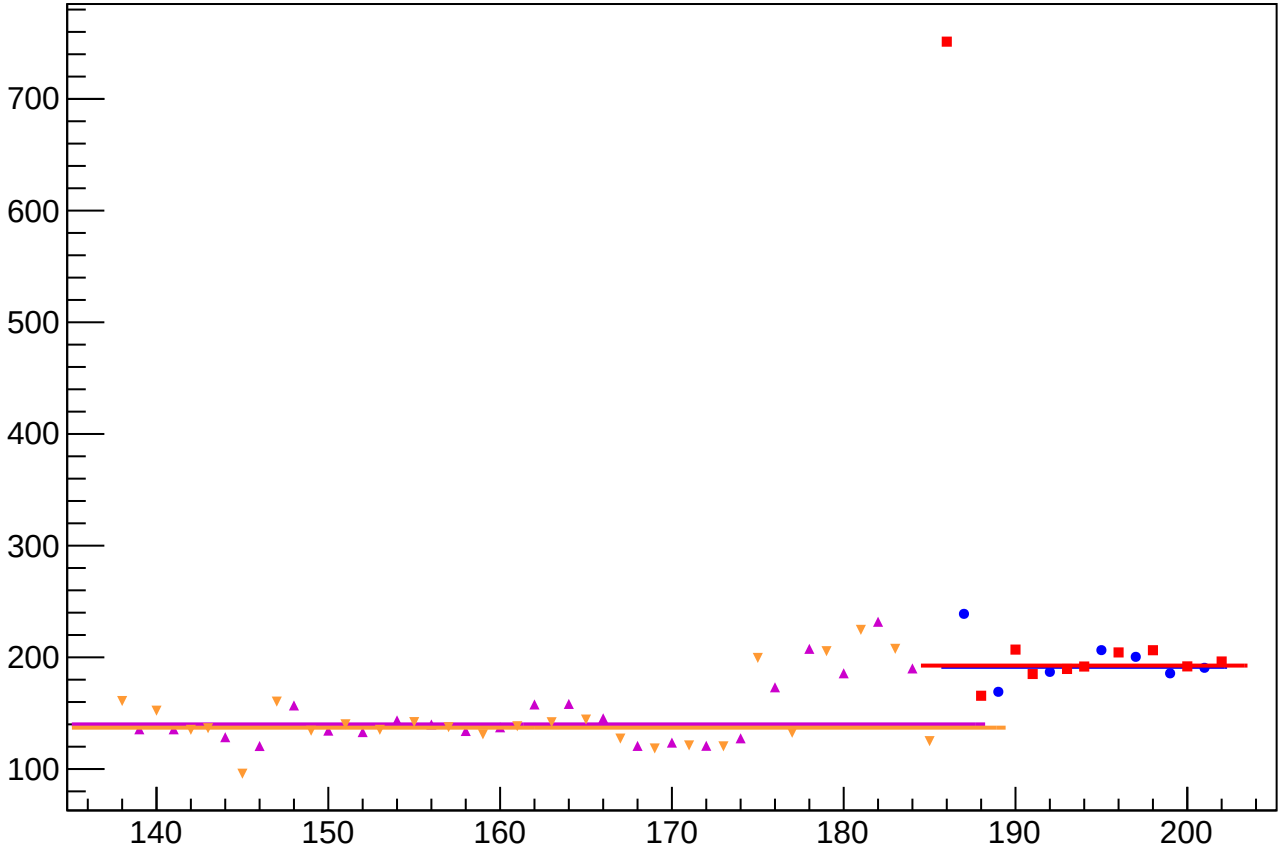
Left In: -260.749+/-33.988 χ^2/NDF:28.5/22

+ sign 226.332+/-30.881 χ^2/NDF: 28.7/31

All: 11.185+/-21.900 χ^2/NDF: 181.9/64

- sign -206.505+/-31.063 χ^2/NDF: 55.6/32

dit_asym_sam_48_dd_rms vs Slug



Right In: 191.492+/-0.066 χ^2/NDF: 41704.2/6

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 192.616+/-0.054 χ^2/NDF: 470358.8/9

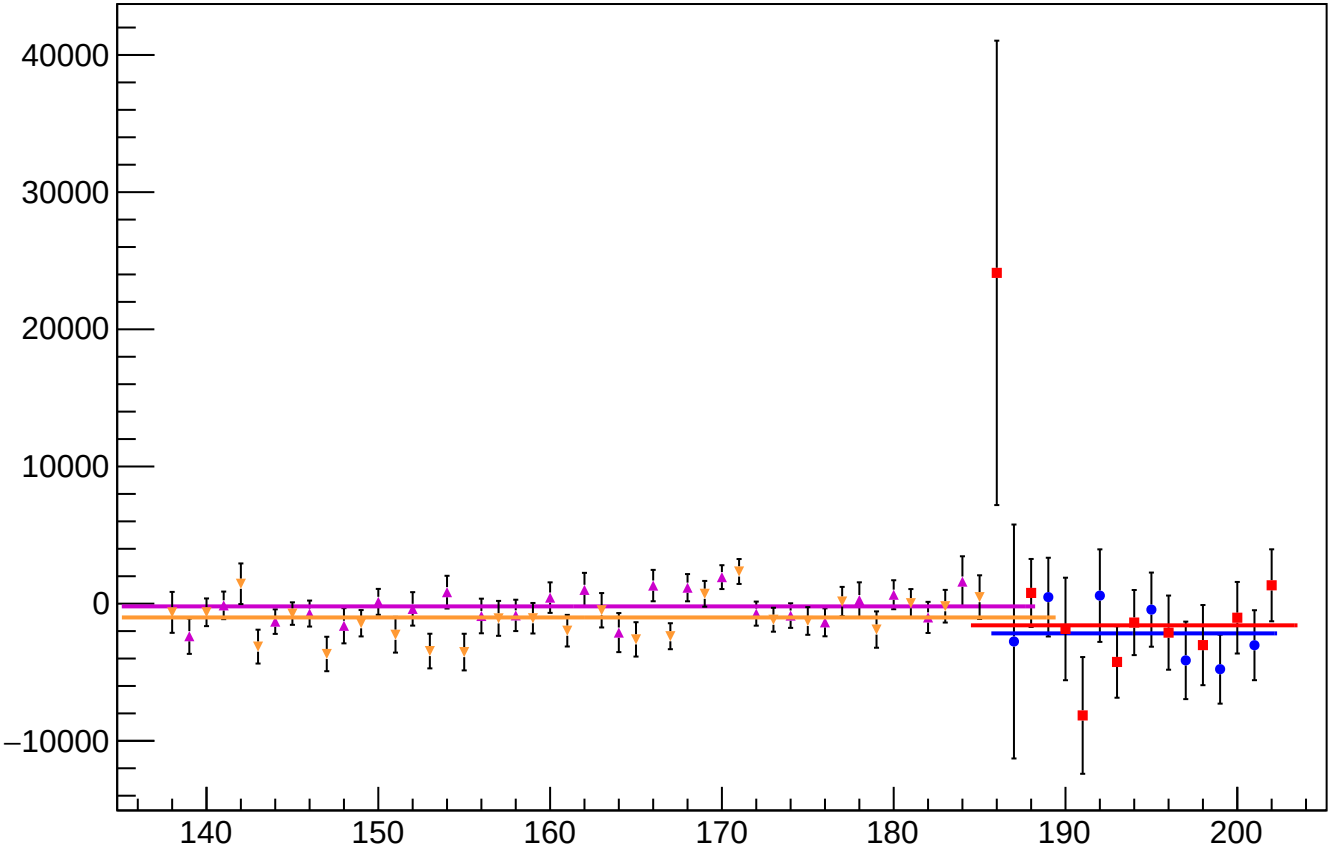
Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

+ sign 143.038+/-0.022 χ^2/NDF: 1852068.4/31

All: 145.821+/-0.015 χ^2/NDF: 3983651.1/64

- sign 148.637+/-0.022 χ^2/NDF: 2098906.1/32

asym_sam_48_dd_correction_mean vs Slug



Right In: -2166.054+/-1120.023 χ^2/NDF: 3.6/6

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: -1579.453+/-926.831 χ^2/NDF: 8.2/9

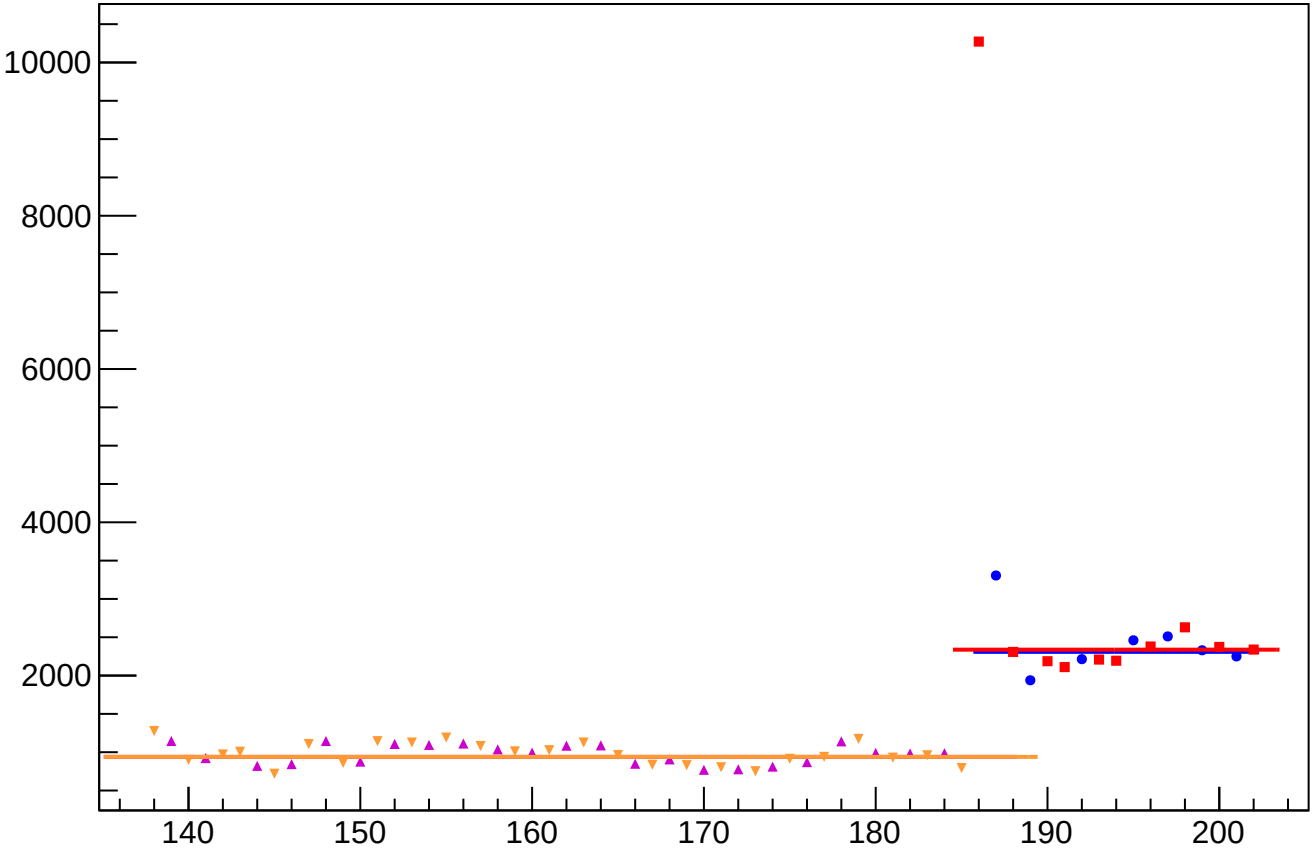
Left In: -198.654+/-225.997 χ^2/NDF:24.6/22

+ sign -1048.426+/-218.129 χ^2/NDF: 49.3/31

All: -664.818+/-154.745 χ^2/NDF: 90.5/64

- sign -276.145+/-219.564 χ^2/NDF: 35.0/32

asym_sam_48_dd_correction_rms vs Slug



Right In: 2309.868+/-0.792 χ^2/NDF: 79932.8/6

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2338.080+/-0.655 χ^2/NDF: 481703.3/9

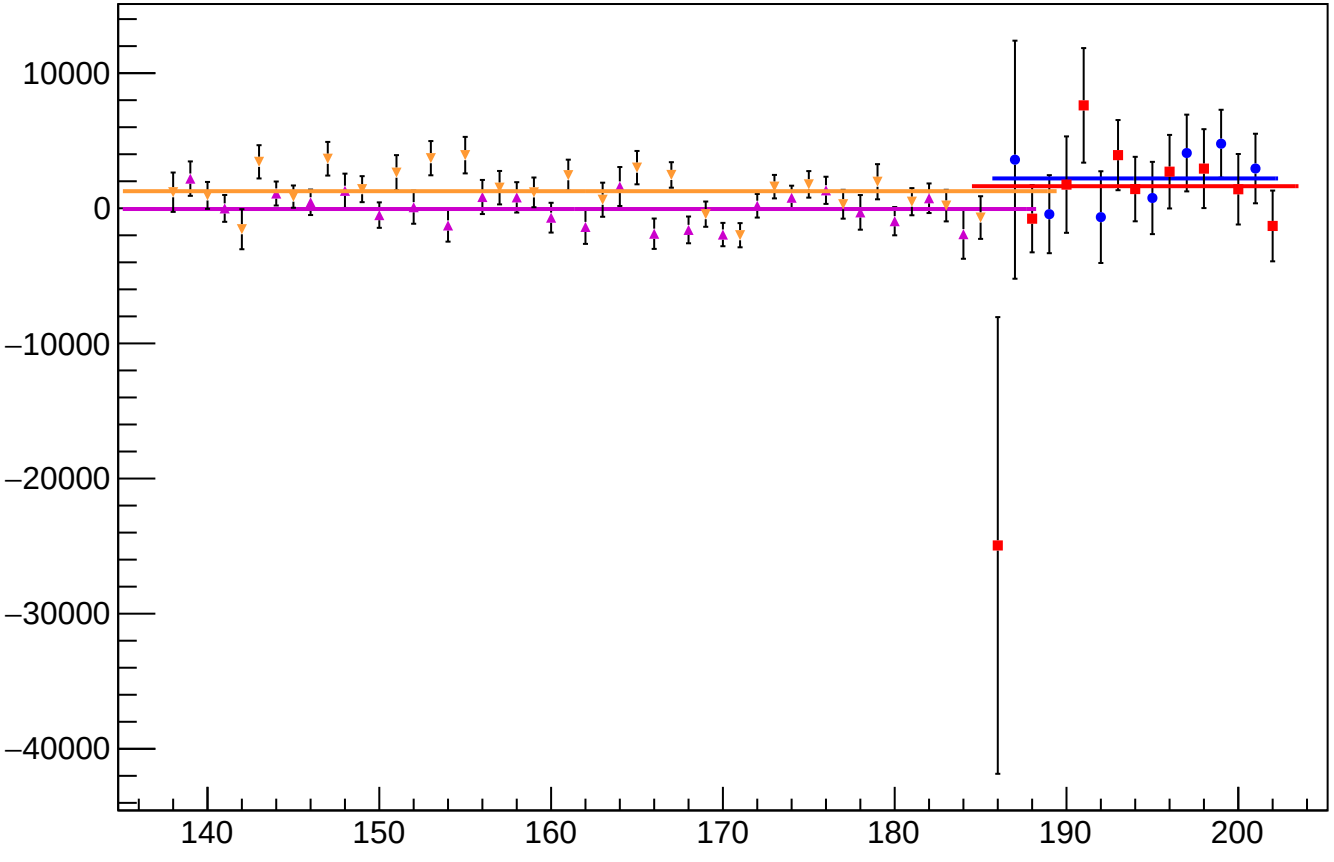
Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

+ sign 990.985+/-0.154 χ^2/NDF: 3790915.2/31

All: 1004.049+/-0.109 χ^2/NDF: 9201594.3/64

- sign 1017.286+/-0.155 χ^2/NDF: 5396235.6/32

asym_sam_48_dd_mean vs Slug



Right In: 2209.119+/-1123.115 χ^2/NDF: 3.4/6

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: 1634.145+/-925.239 χ^2/NDF: 7.8/9

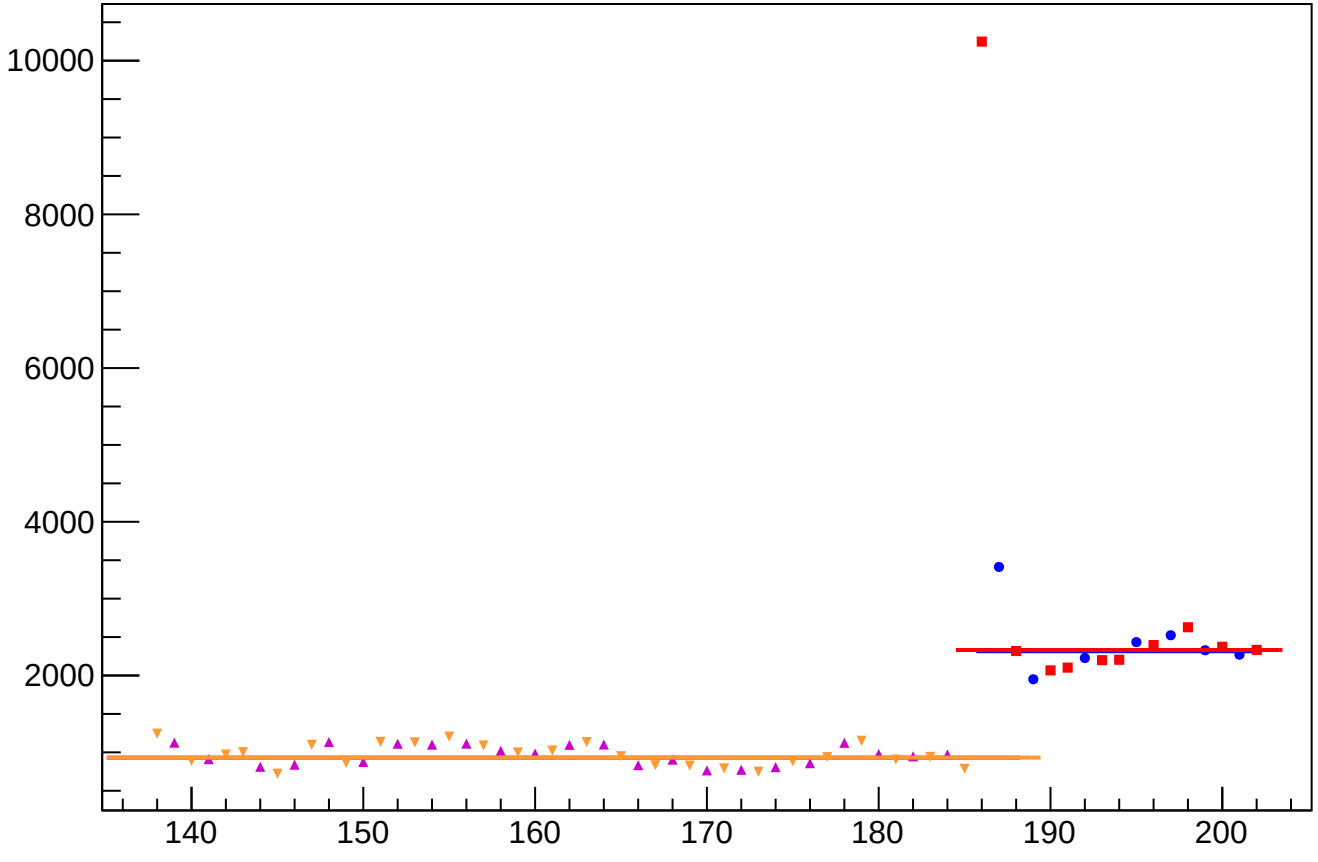
Left In: -53.940+/-224.371 χ^2/NDF:26.4/22

+ sign 1300.021+/-216.488 χ^2/NDF: 49.7/31

All: 674.451+/-153.630 χ^2/NDF: 103.8/64

- sign 39.817+/-218.051 χ^2/NDF: 37.4/32

asym_sam_48_dd_rms vs Slug



Right In: 2316.121+/-0.794 χ^2/NDF: 79562.2/6

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2331.655+/-0.654 χ^2/NDF: 488962.6/9

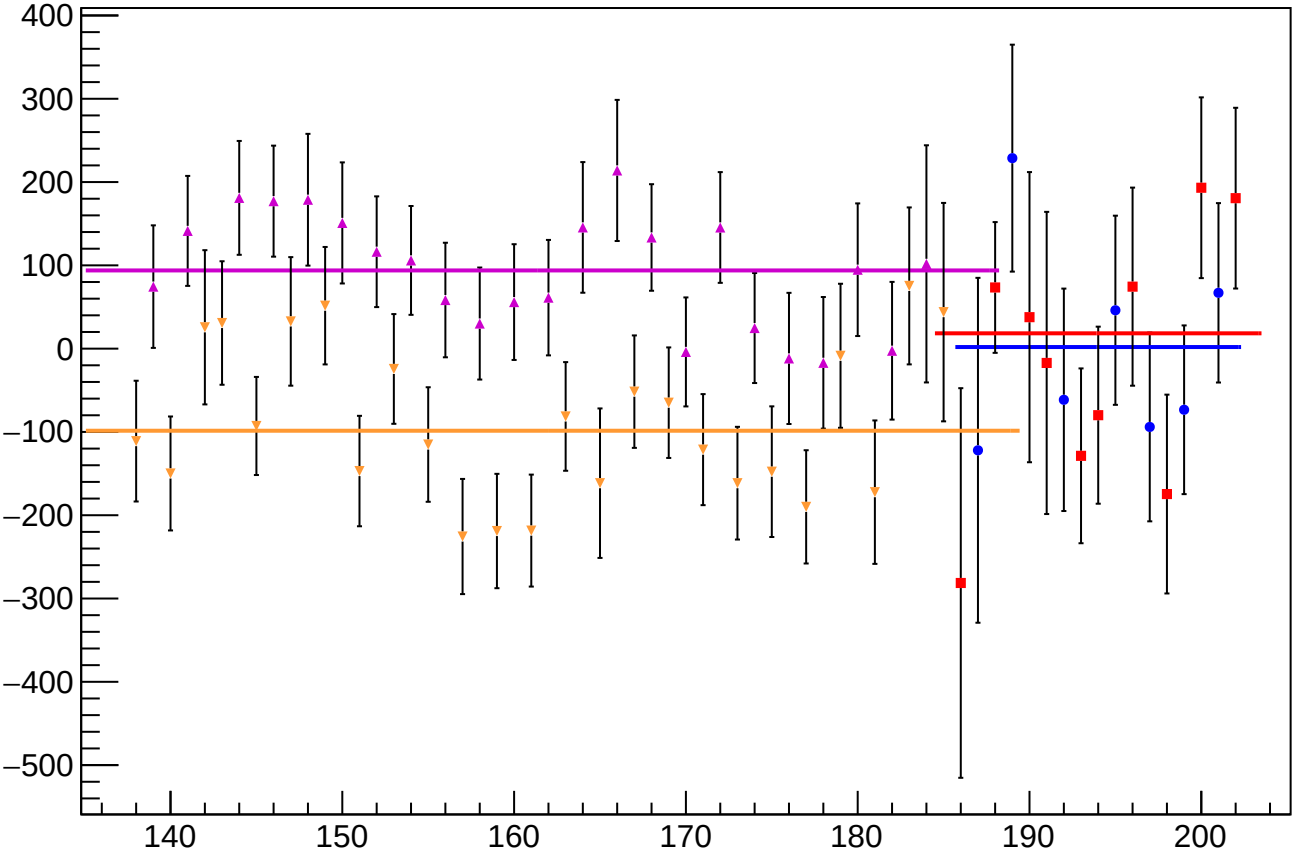
Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

+ sign 983.591+/-0.153 χ^2/NDF: 3832308.4/31

All: 996.033+/-0.109 χ^2/NDF: 9286273.3/64

- sign 1008.655+/-0.154 χ^2/NDF: 5440657.6/32

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 1.922+/-46.007 χ^2/NDF: 5.1/6

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: 18.399+/-36.909 χ^2/NDF: 12.7/9

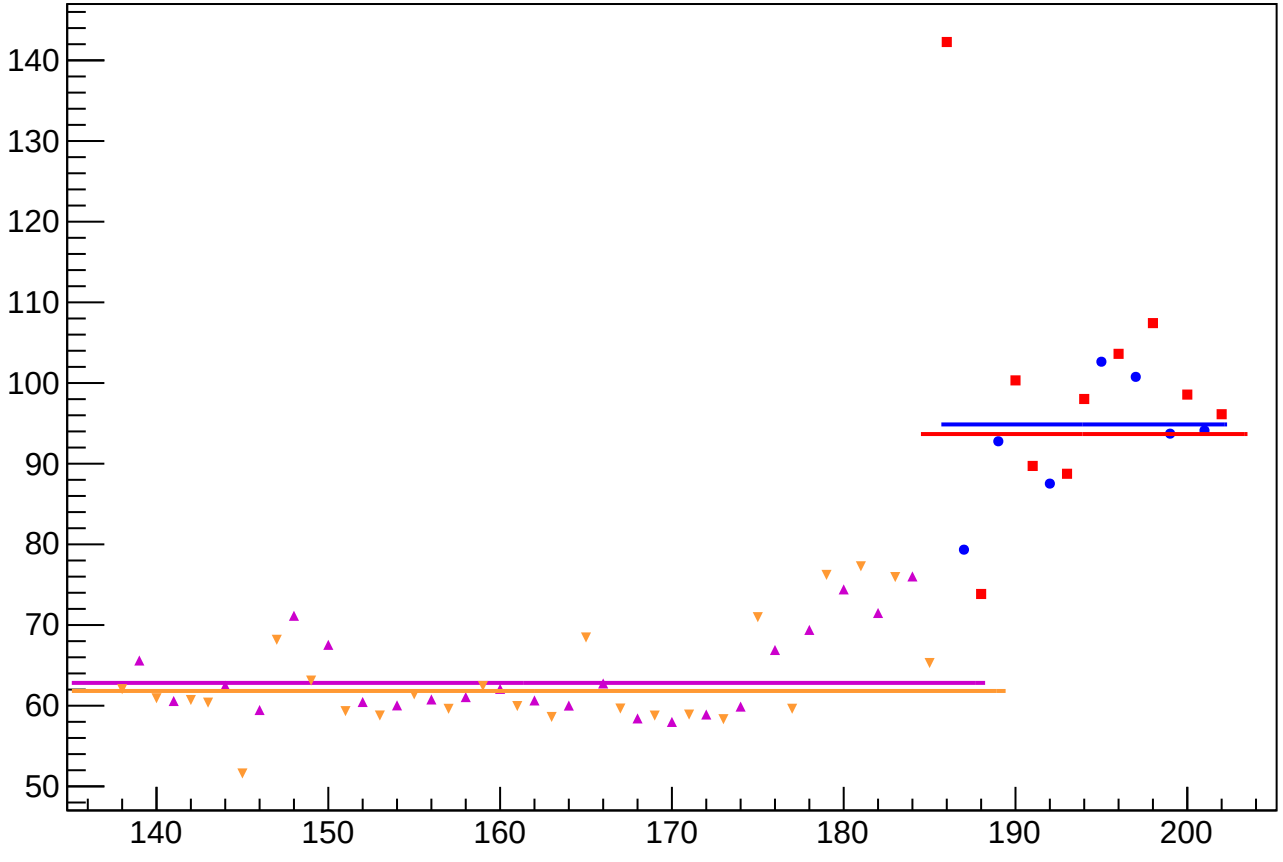
Left In: 93.899+/-15.039 χ^2/NDF:19.3/22

+ sign -89.450+/-13.851 χ^2/NDF: 44.7/31

All: -3.624+/-9.821 χ^2/NDF: 157.5/64

- sign 83.149+/-13.927 χ^2/NDF: 35.5/32

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 94.866+/-0.033 χ^2/NDF: 32895.5/6

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 93.675+/-0.026 χ^2/NDF: 271180.8/9

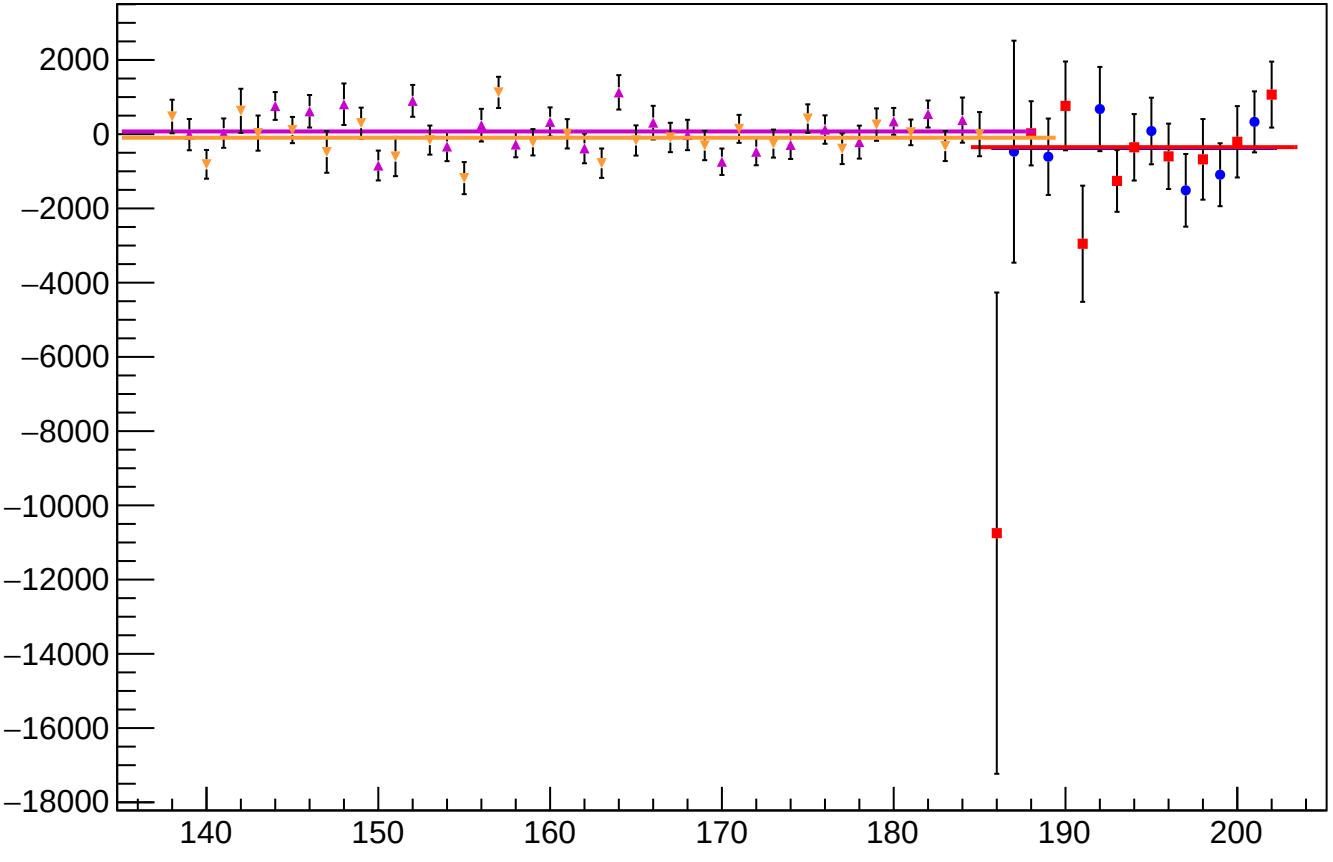
Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

+ sign 64.822+/-0.010 χ^2/NDF: 1284417.1/31

All: 66.014+/-0.007 χ^2/NDF: 2970519.2/64

- sign 67.219+/-0.010 χ^2/NDF: 1656298.9/32

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -371.912+/-378.325 χ^2/NDF: 4.0/6

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: -349.370+/-322.013 χ^2/NDF: 10.3/9

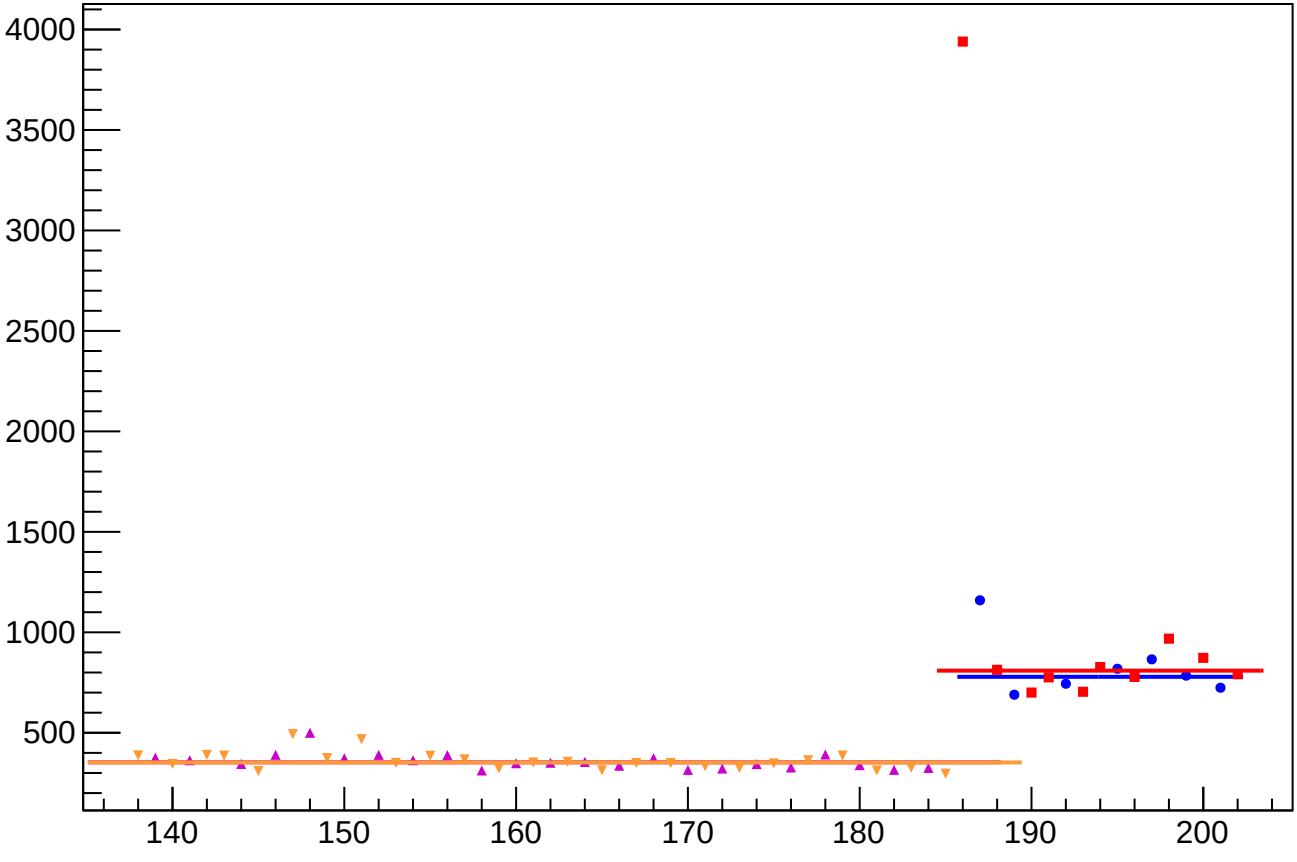
Left In: 73.914+/-84.652 χ^2/NDF:36.4/22

+ sign -107.583+/-80.932 χ^2/NDF: 36.1/31

All: -31.404+/-57.556 χ^2/NDF: 86.1/64

- sign 46.553+/-81.870 χ^2/NDF: 48.3/32

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 778.521+/-0.268 χ^2/NDF: 77768.3/6

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 809.361+/-0.228 χ^2/NDF: 571633.5/9

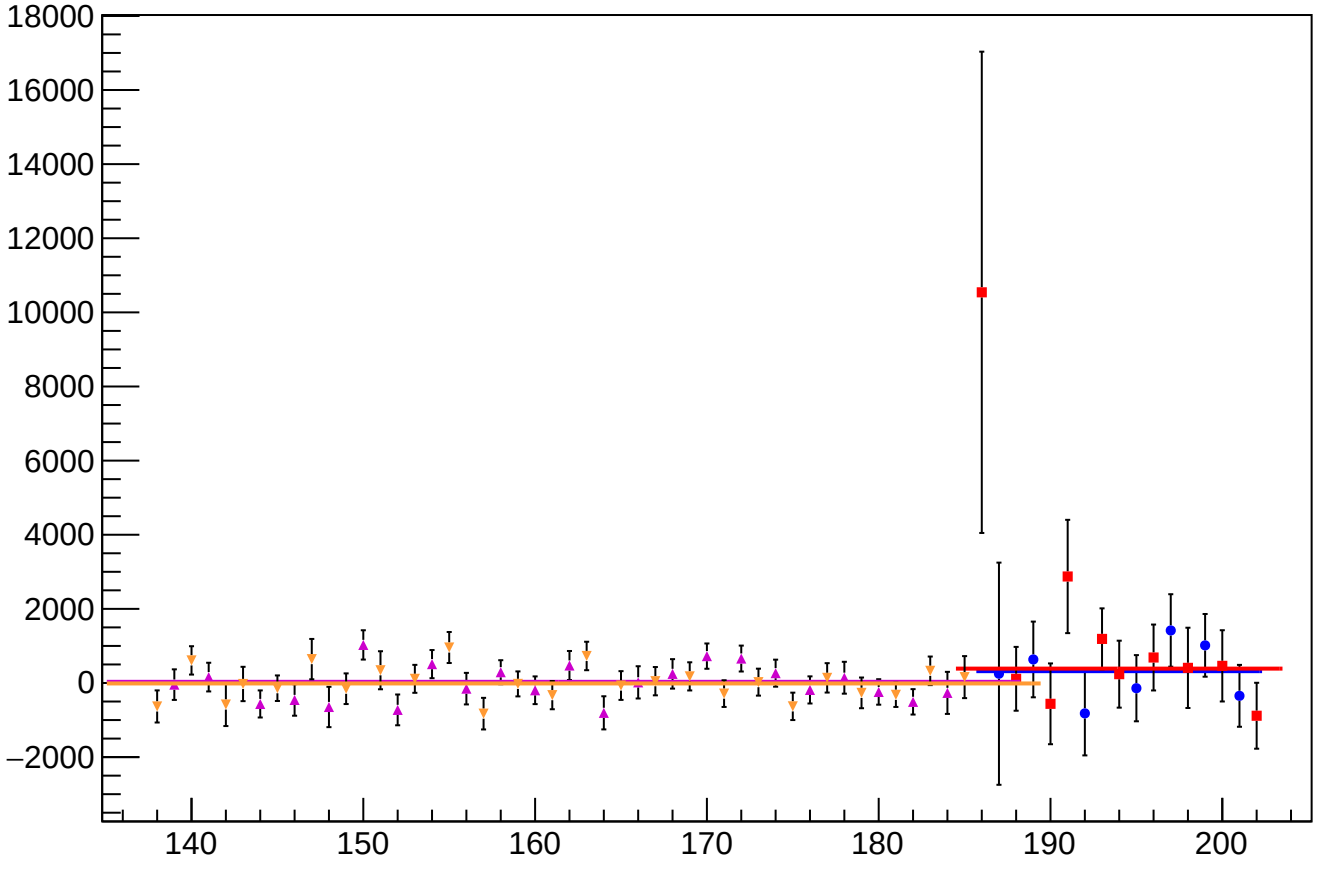
Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

+ sign 371.903+/-0.057 χ^2/NDF: 2917398.8/31

All: 377.231+/-0.041 χ^2/NDF: 7582414.5/64

- sign 382.684+/-0.058 χ^2/NDF: 4647474.6/32

asym_sam_13_57_dd_mean vs Slug



Right In: 319.137+/-378.529 χ^2/NDF: 3.9/6

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: 387.859+/-319.392 χ^2/NDF: 9.1/9

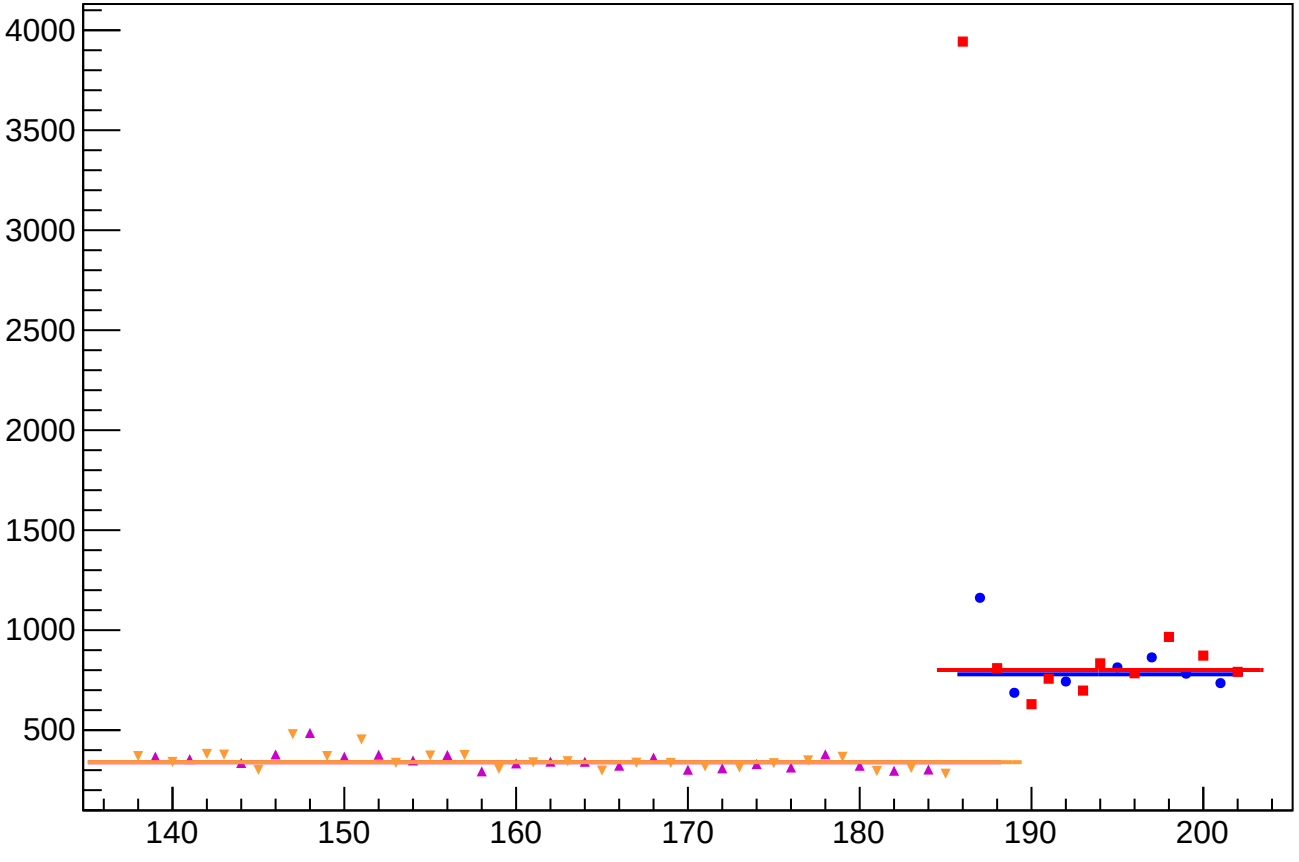
Left In: 31.531+/-81.476 χ^2/NDF:34.8/22

+ sign 1.631+/-78.256 χ^2/NDF: 32.0/31

All: 27.240+/-55.578 χ^2/NDF: 77.3/64

- sign 53.302+/-78.948 χ^2/NDF: 45.0/32

asym_sam_13_57_dd_rms vs Slug



Right In: 779.183+/-0.268 χ^2/NDF: 74521.4/6

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 800.856+/-0.226 χ^2/NDF: 612091.5/9

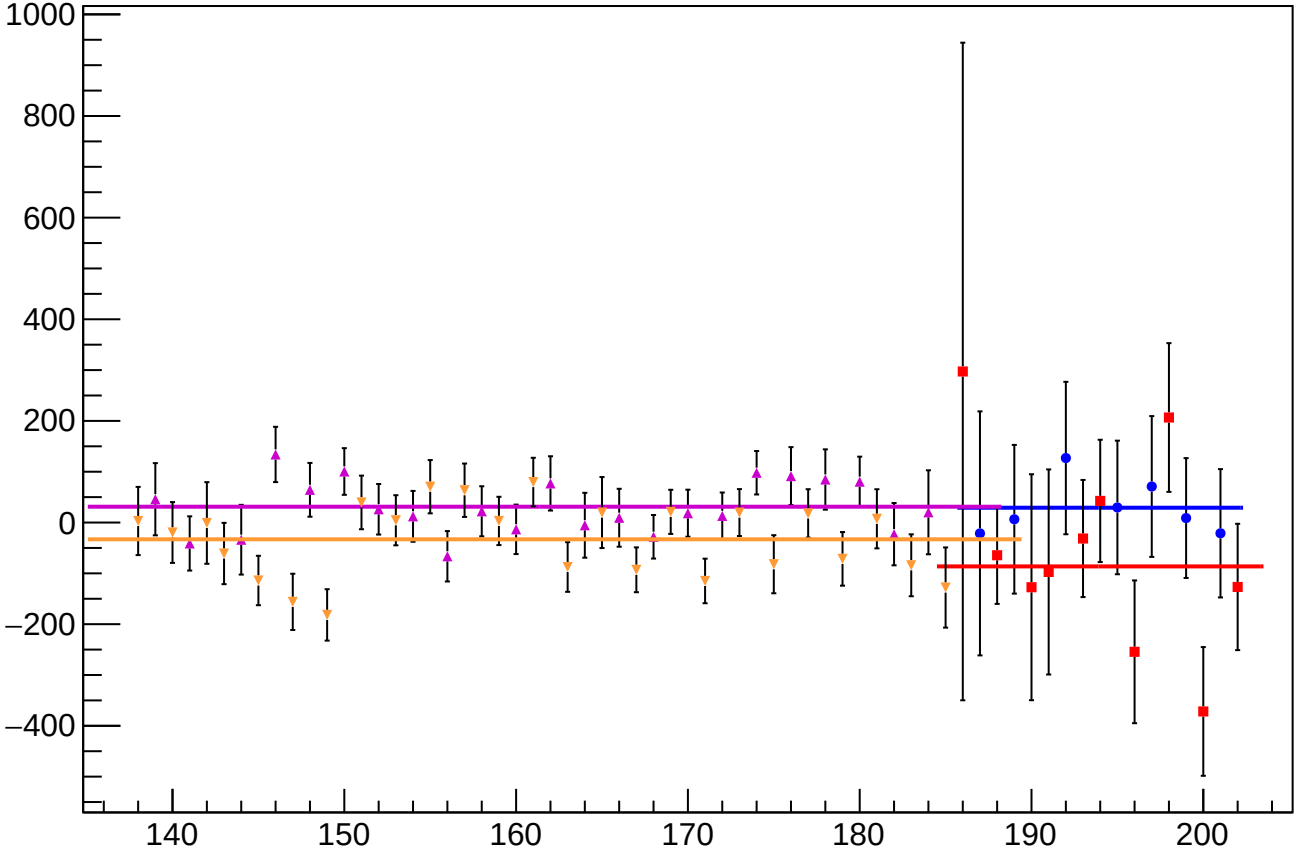
Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

+ sign 358.788+/-0.055 χ^2/NDF: 3116887.1/31

All: 363.232+/-0.039 χ^2/NDF: 8036687.0/64

- sign 367.755+/-0.056 χ^2/NDF: 4906787.7/32

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 29.163+/-53.212 χ^2/NDF: 0.8/6

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: -86.320+/-43.640 χ^2/NDF: 12.4/9

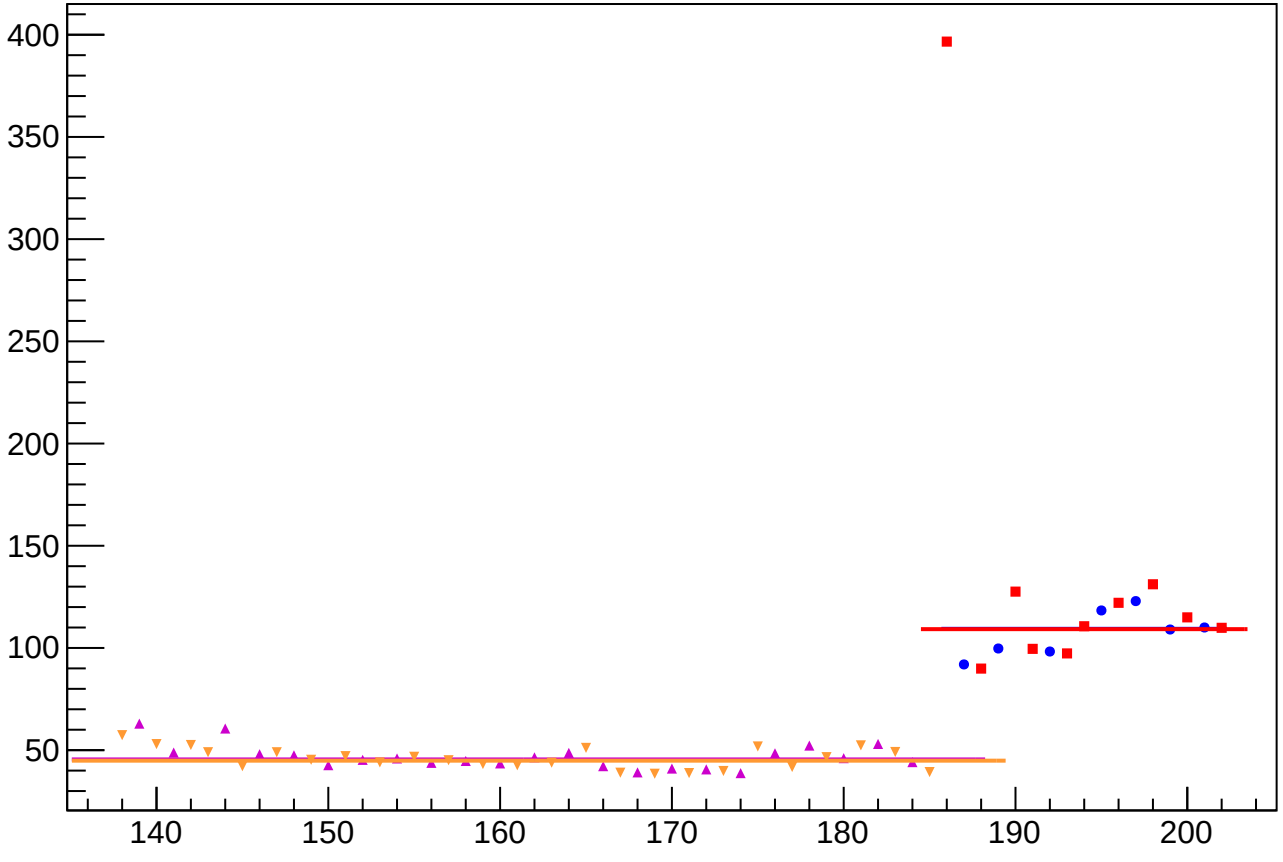
Left In: 31.144+/-10.958 χ^2/NDF:23.4/22

+ sign -30.603+/-10.375 χ^2/NDF: 50.1/31

All: -3.873+/-7.424 χ^2/NDF: 106.4/64

- sign 24.177+/-10.628 χ^2/NDF: 42.7/32

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 109.357+/-0.038 χ^2/NDF: 58742.1/6

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 109.201+/-0.031 χ^2/NDF: 581689.0/9

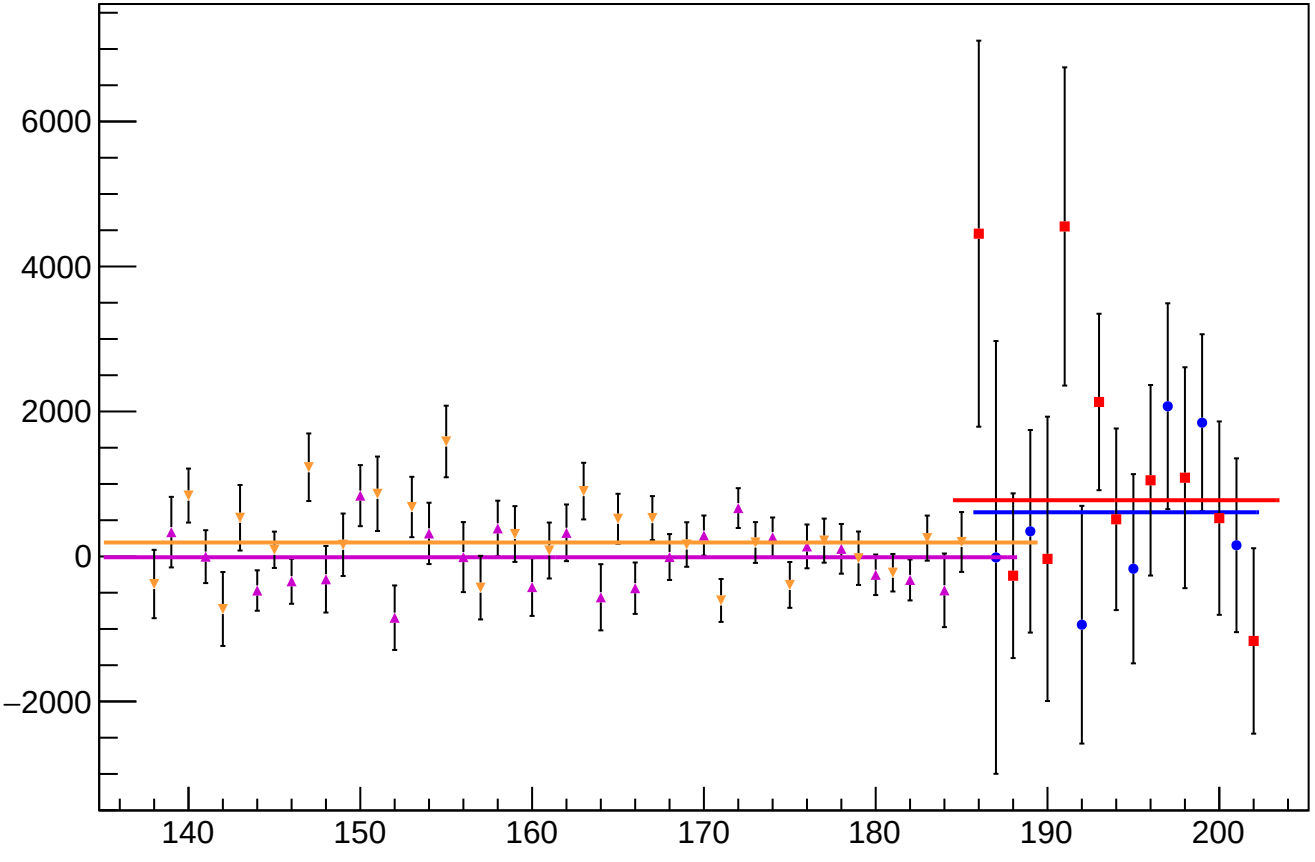
Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

+ sign 47.314+/-0.007 χ^2/NDF: 3300658.5/31

All: 48.256+/-0.005 χ^2/NDF: 8386228.8/64

- sign 49.245+/-0.008 χ^2/NDF: 5051745.3/32

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 609.552+/-538.665 χ^2/NDF: 3.6/6

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: 775.780+/-452.718 χ^2/NDF: 9.6/9

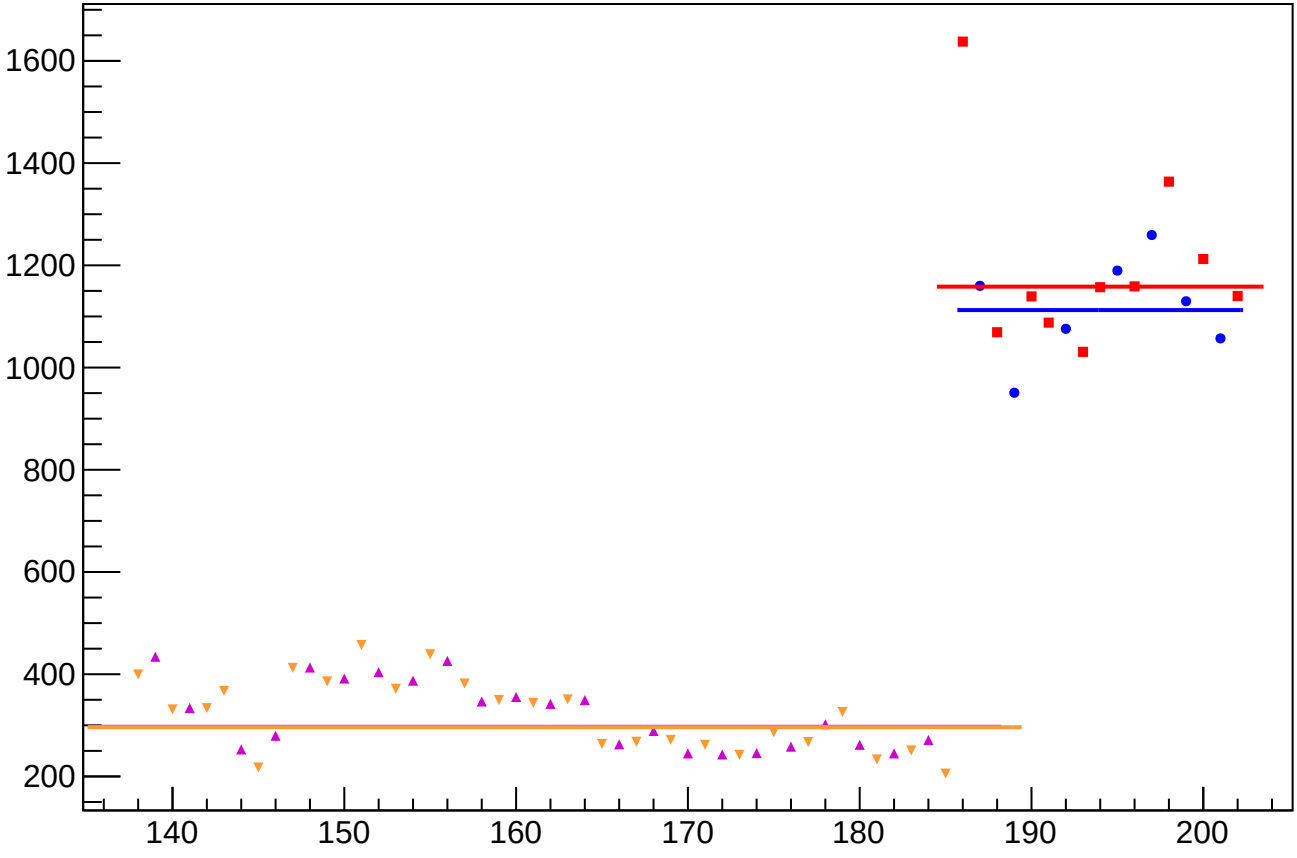
Left In: -10.801+/-72.300 χ^2/NDF:30.2/22

+ sign 200.054+/-70.360 χ^2/NDF: 50.0/31

All: 105.805+/-50.114 χ^2/NDF: 96.4/64

- sign 8.762+/-71.395 χ^2/NDF: 42.8/32

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 1112.479+/-0.381 χ^2/NDF: 61354.5/6

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1158.336+/-0.320 χ^2/NDF: 141436.6/9

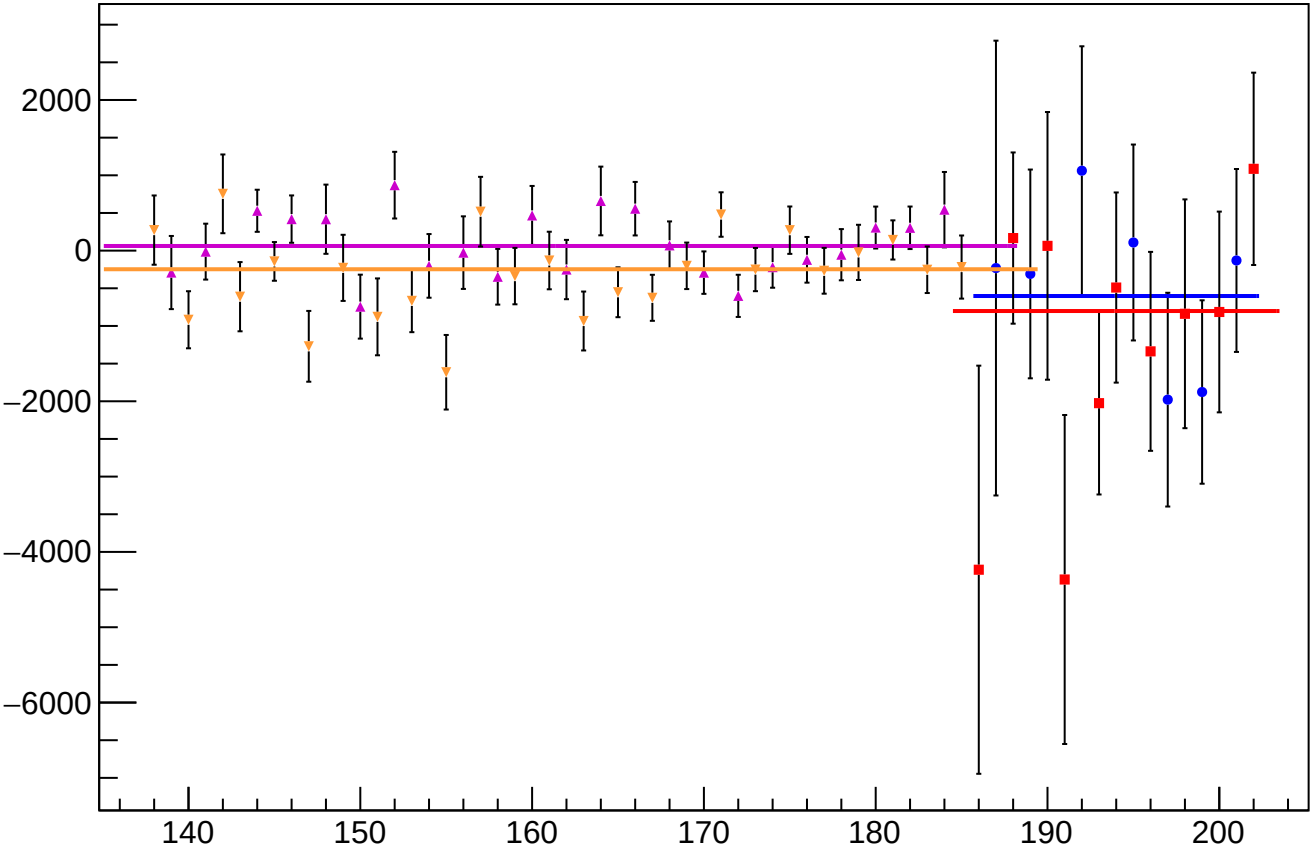
Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

+ sign 310.307+/-0.050 χ^2/NDF: 6209187.1/31

All: 314.371+/-0.035 χ^2/NDF: 14742286.8/64

- sign 318.555+/-0.050 χ^2/NDF: 8519557.0/32

asym_sam_15_37_dd_mean vs Slug



Right In: -602.526+/-539.377 χ^2/NDF: 3.6/6

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: -801.824+/-450.494 χ^2/NDF: 8.7/9

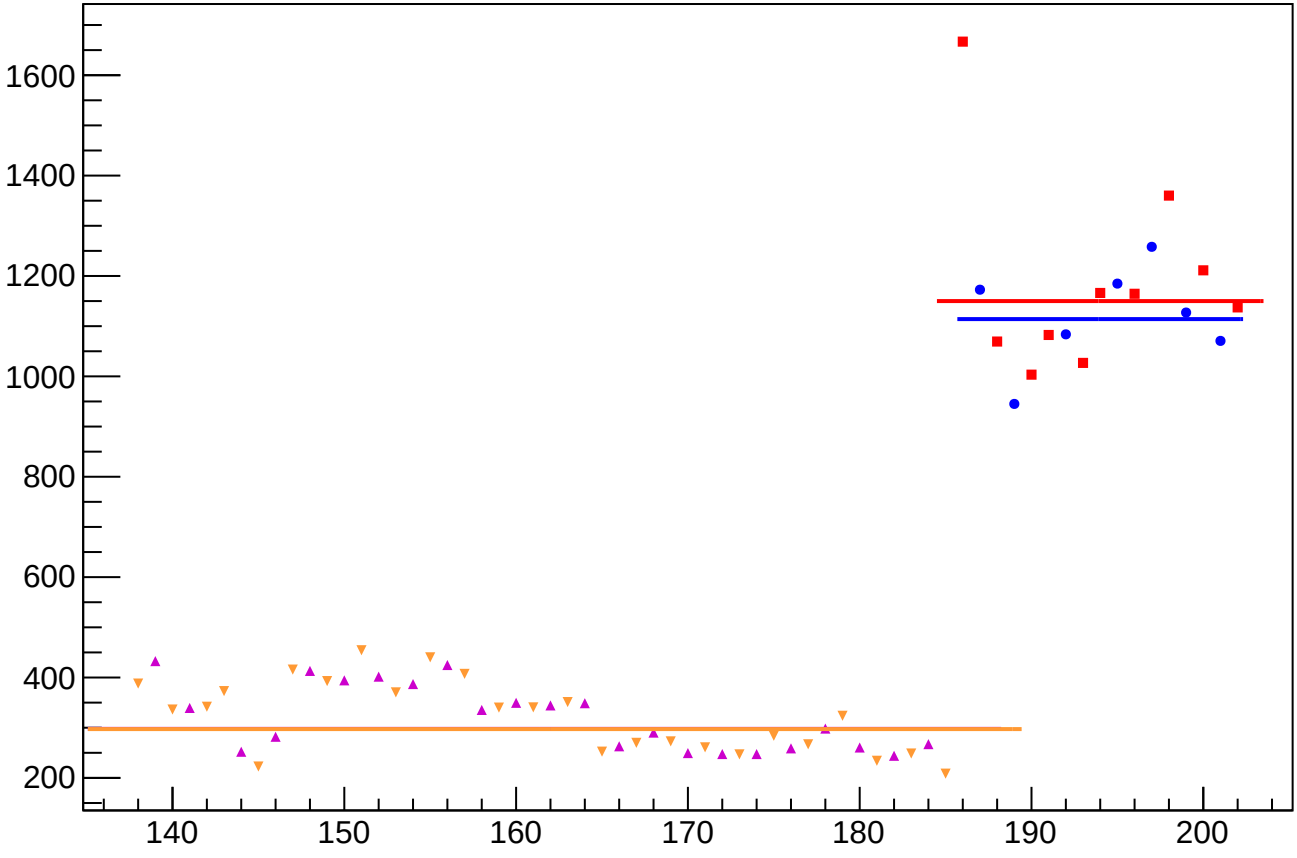
Left In: 61.707+/-72.478 χ^2/NDF:30.3/22

+ sign -253.198+/-70.605 χ^2/NDF: 47.6/31

All: -108.603+/-50.259 χ^2/NDF: 98.6/64

- sign 39.919+/-71.557 χ^2/NDF: 42.6/32

asym_sam_15_37_dd_rms vs Slug



Right In: 1114.097+/-0.381 χ^2/NDF: 60458.9/6

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1150.000+/-0.319 χ^2/NDF: 162290.4/9

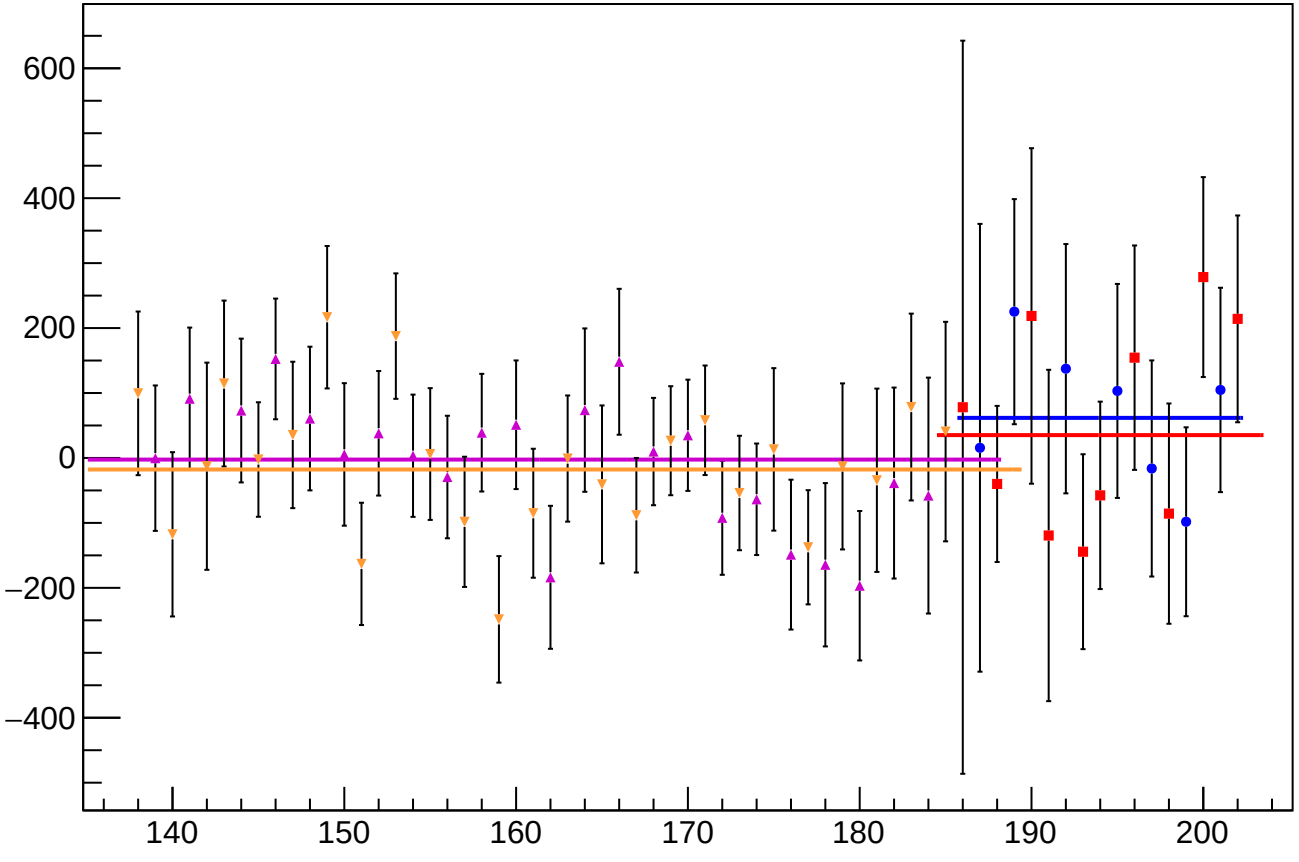
Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

+ sign 311.269+/-0.050 χ^2/NDF: 6196480.6/31

All: 315.182+/-0.036 χ^2/NDF: 14624001.0/64

- sign 319.201+/-0.051 χ^2/NDF: 8415070.7/32

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 61.729+/-66.011 χ^2/NDF: 2.6/6

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: 35.188+/-53.833 χ^2/NDF: 7.9/9

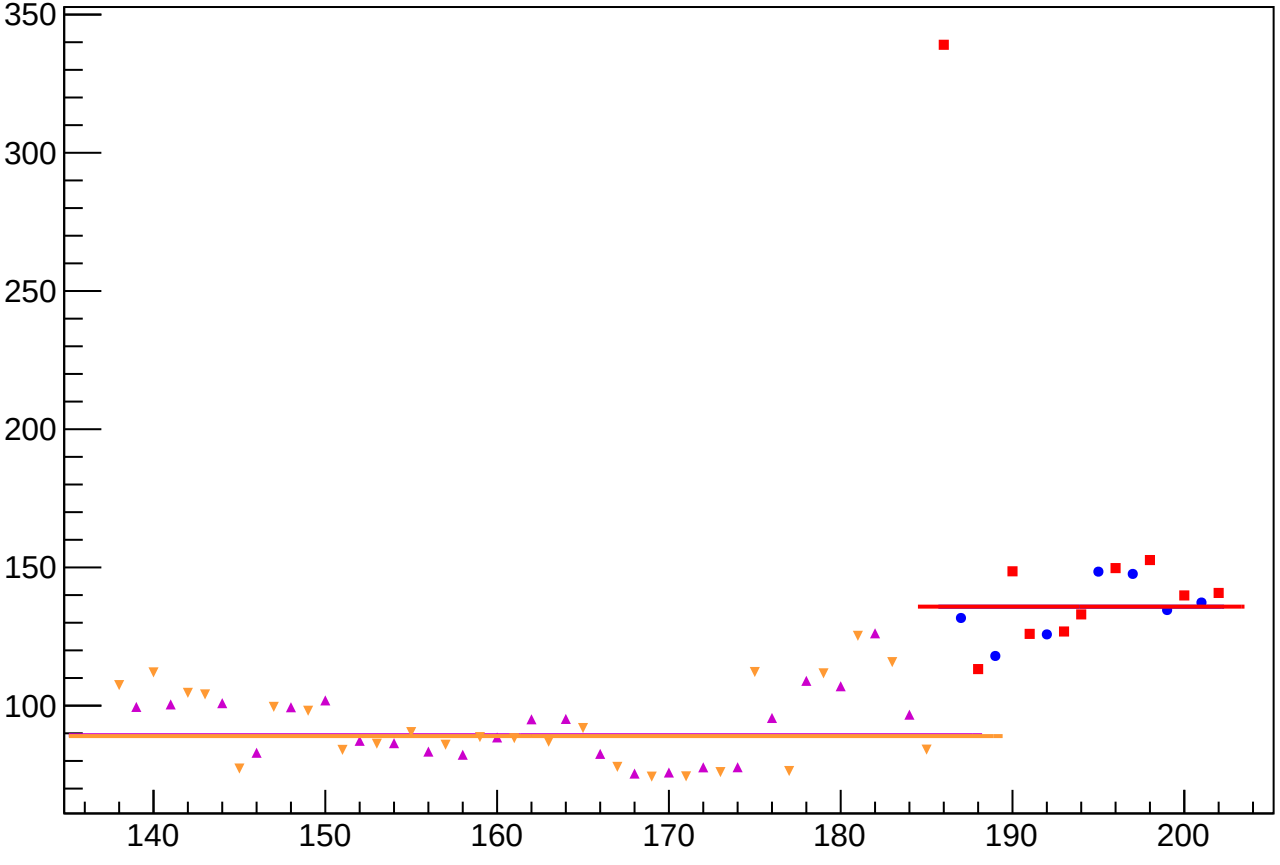
Left In: -2.505+/-21.582 χ^2/NDF:18.0/22

+ sign -10.382+/-20.116 χ^2/NDF: 29.5/31

All: -3.806+/-14.195 χ^2/NDF: 56.0/64

- sign 2.714+/-20.032 χ^2/NDF: 26.3/32

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 135.799+/-0.047 χ^2/NDF: 49199.8/6

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 135.822+/-0.038 χ^2/NDF: 381902.2/9

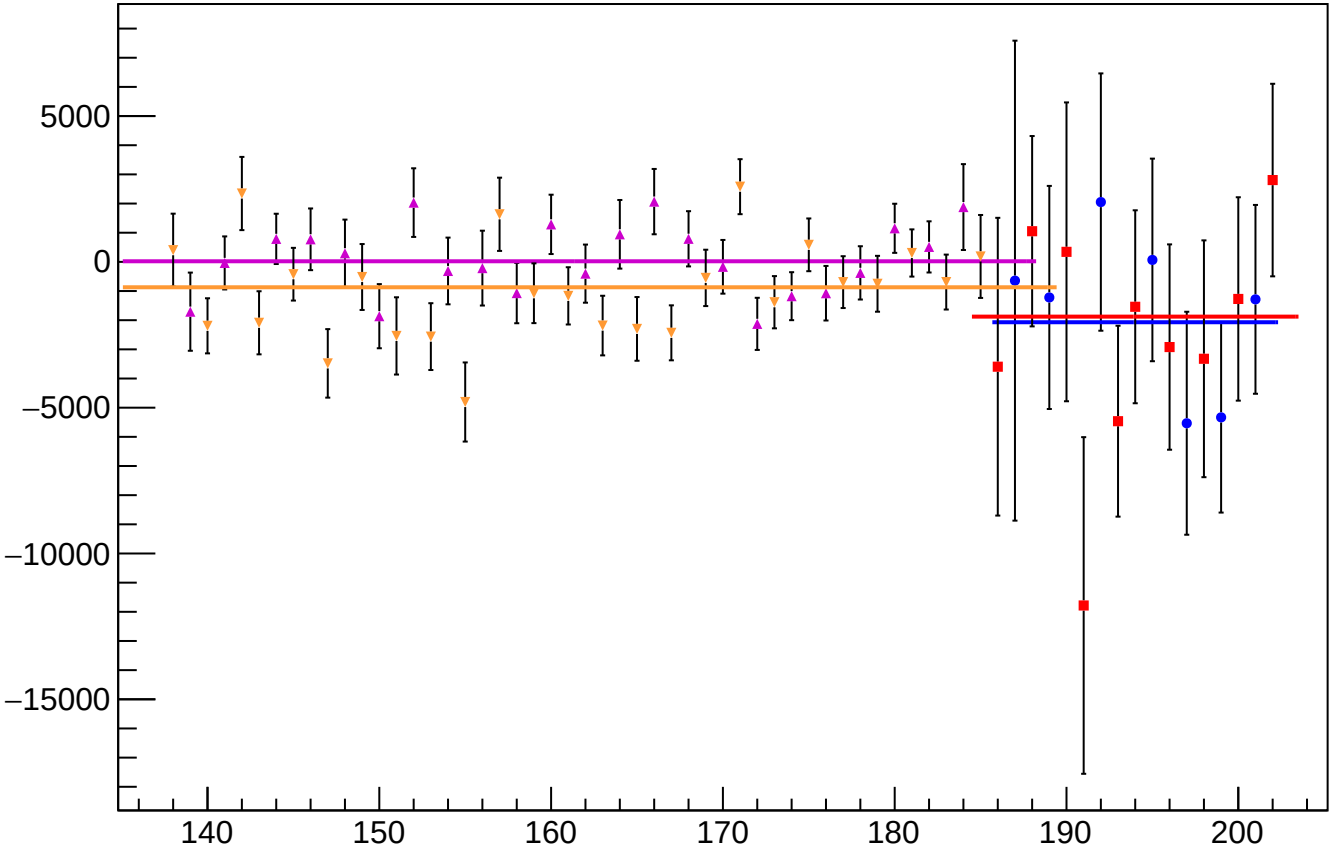
Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

+ sign 93.338+/-0.014 χ^2/NDF: 1768914.6/31

All: 94.554+/-0.010 χ^2/NDF: 4011479.9/64

- sign 95.760+/-0.014 χ^2/NDF: 2227998.7/32

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -2070.180+/-1450.995 χ^2/NDF: 3.2/6

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: -1877.413+/-1194.936 χ^2/NDF: 7.5/9

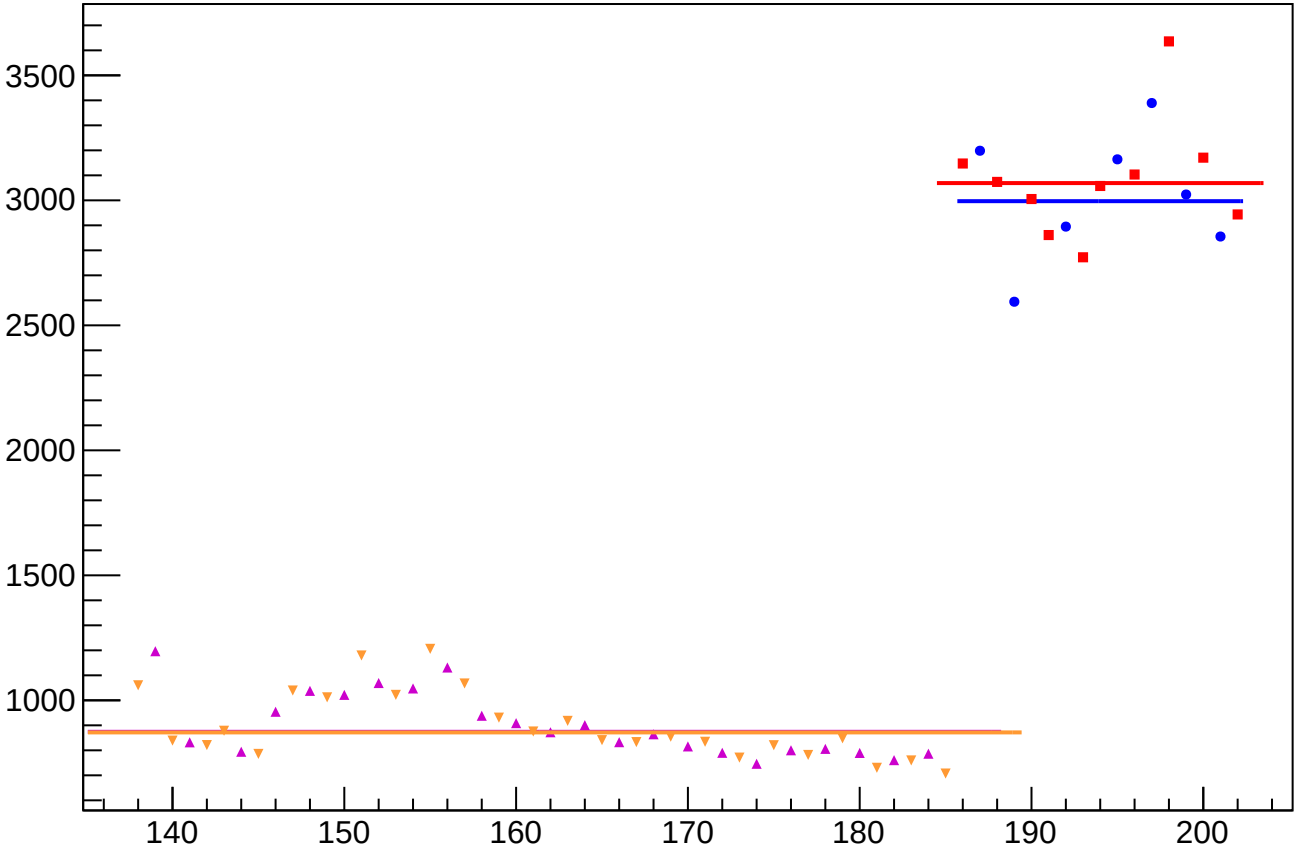
Left In: 20.573+/-210.177 χ^2/NDF:29.7/22

+ sign -894.750+/-203.941 χ^2/NDF: 61.5/31

All: -471.953+/-145.277 χ^2/NDF: 109.9/64

- sign -36.383+/-206.999 χ^2/NDF: 39.6/32

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2996.689+/-1.026 χ^2/NDF: 54062.4/6

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 3069.064+/-0.845 χ^2/NDF: 63600.8/9

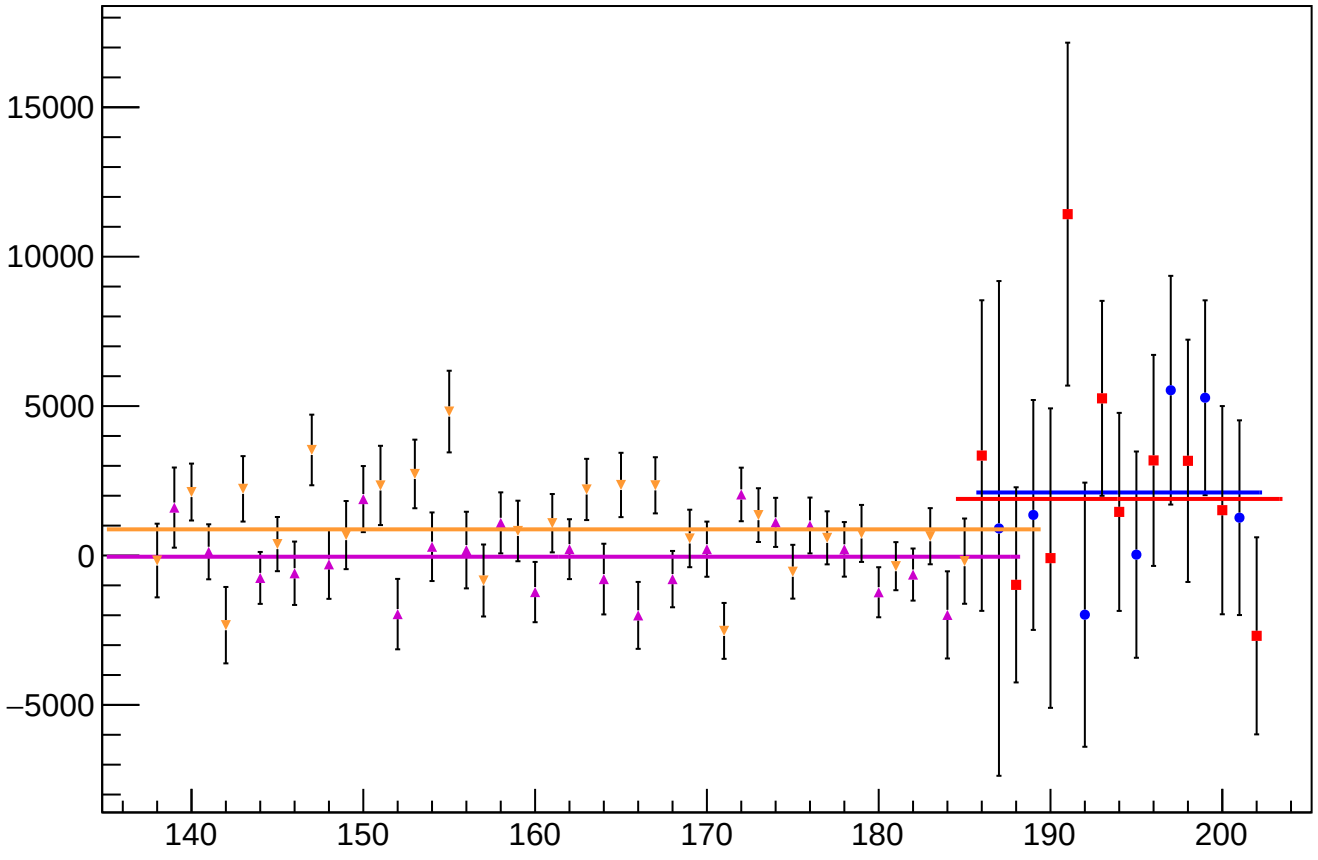
Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

+ sign 913.670+/-0.144 χ^2/NDF: 4901314.3/31

All: 926.602+/-0.103 χ^2/NDF: 12105825.6/64

- sign 939.925+/-0.146 χ^2/NDF: 7188184.3/32

asym_sam_24_68_dd_mean vs Slug



Right In: 2109.107+/-1452.752 χ^2/NDF: 3.1/6

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: 1893.001+/-1194.039 χ^2/NDF: 7.0/9

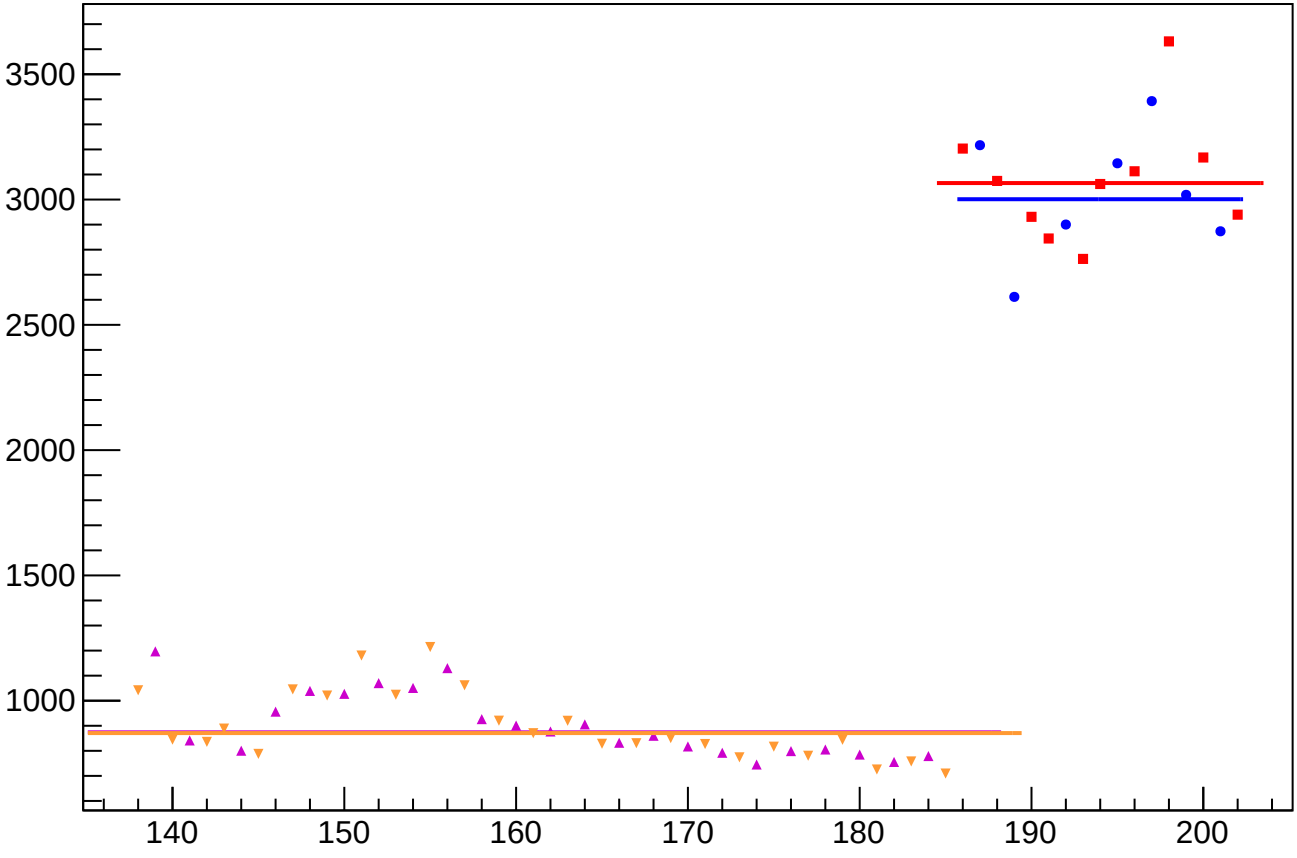
Left In: -41.523+/-210.209 χ^2/NDF:28.1/22

+ sign 899.308+/-203.544 χ^2/NDF: 58.9/31

All: 465.452+/-145.142 χ^2/NDF: 105.8/64

- sign 16.631+/-207.025 χ^2/NDF: 37.7/32

asym_sam_24_68_dd_rms vs Slug



Right In: 3001.311+/-1.027 χ^2/NDF: 50445.6/6

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 3065.824+/-0.844 χ^2/NDF: 66941.9/9

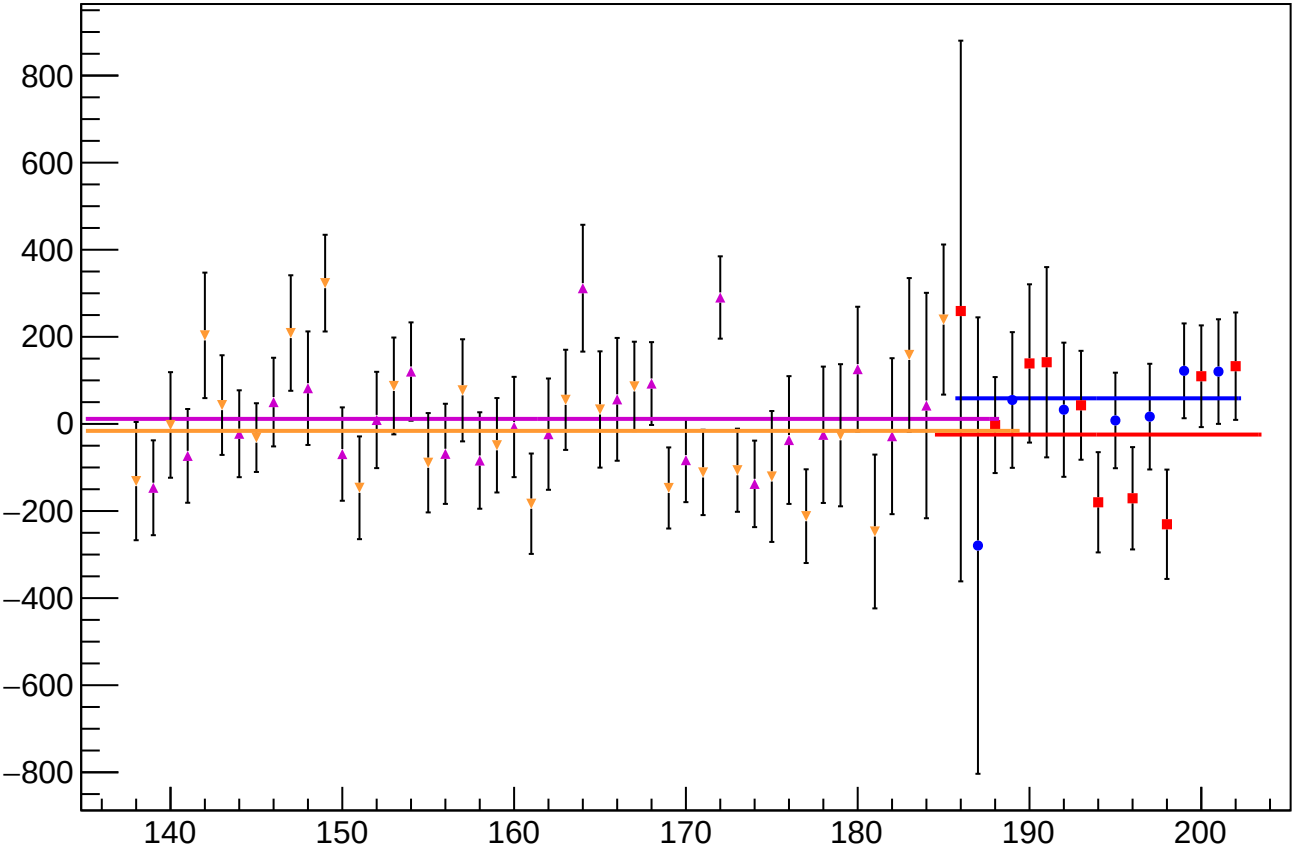
Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

+ sign 912.675+/-0.144 χ^2/NDF: 4919048.6/31

All: 926.005+/-0.103 χ^2/NDF: 12123920.8/64

- sign 939.794+/-0.146 χ^2/NDF: 7187421.8/32

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 58.832+/-50.531 χ^2/NDF: 1.4/6

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: -24.435+/-42.619 χ^2/NDF: 10.9/9

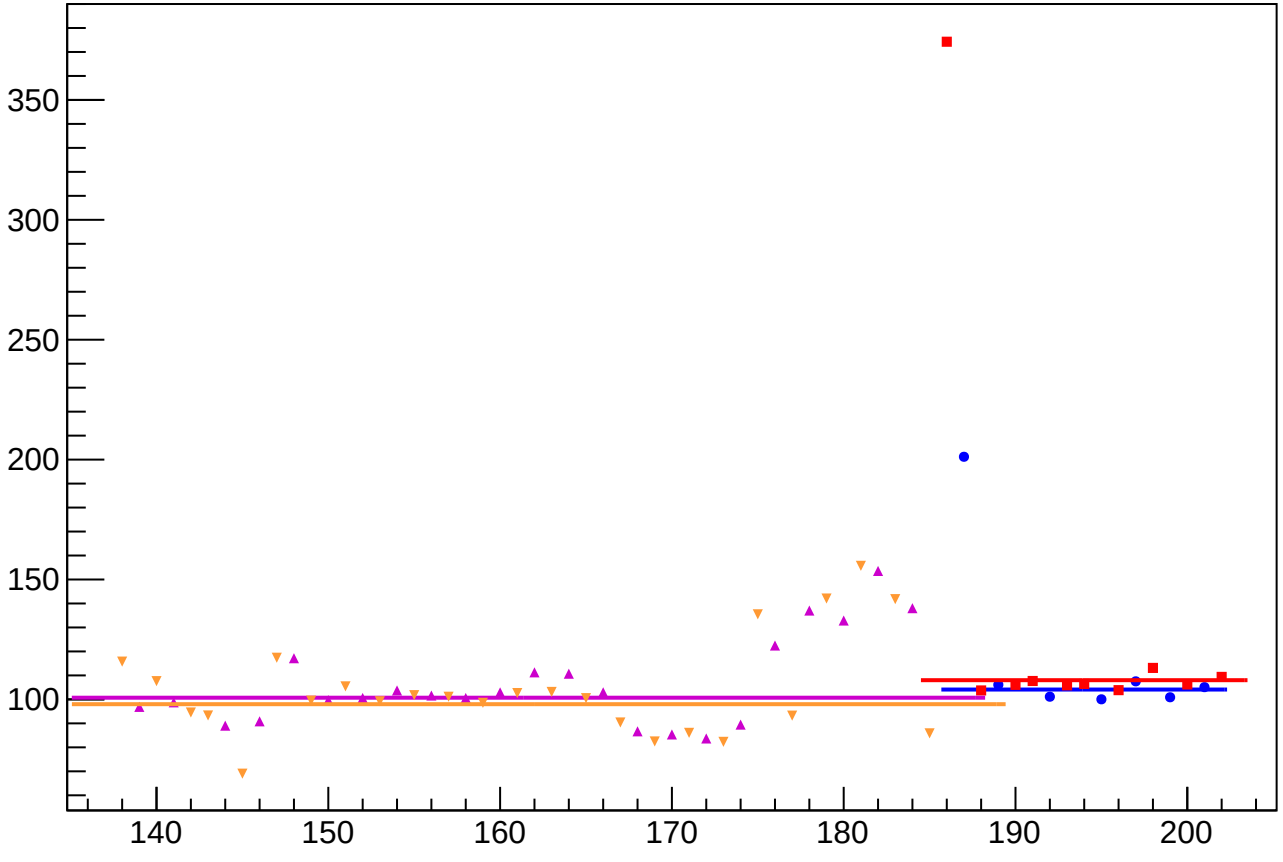
Left In: 11.570+/-24.412 χ^2/NDF:24.0/22

+ sign -2.771+/-21.217 χ^2/NDF: 38.1/31

All: -0.043+/-14.991 χ^2/NDF: 73.6/64

- sign 2.675+/-21.183 χ^2/NDF: 35.4/32

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 104.110+/-0.036 χ^2/NDF: 75926.7/6

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 108.010+/-0.030 χ^2/NDF: 378651.9/9

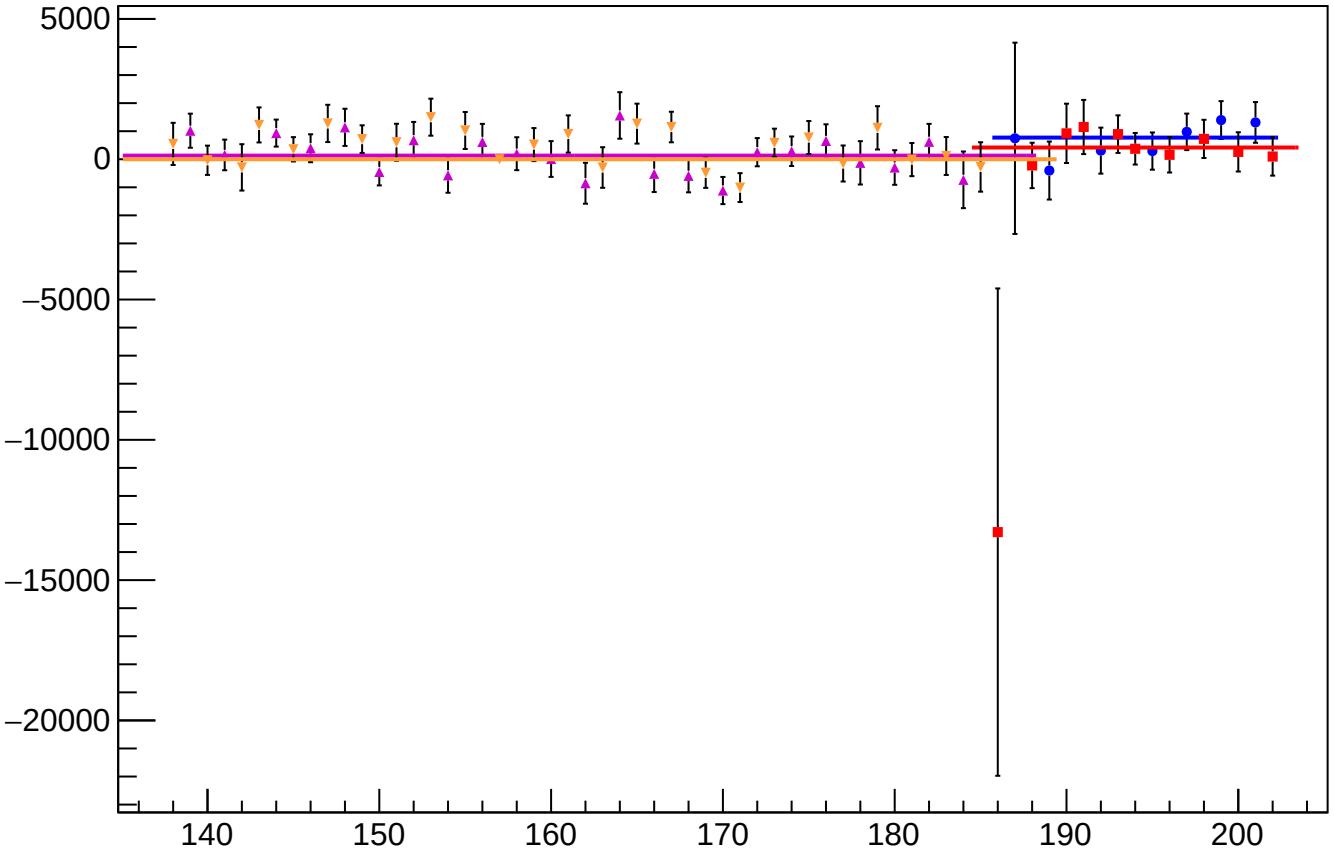
Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

+ sign 99.078+/-0.015 χ^2/NDF: 1255022.8/31

All: 100.796+/-0.011 χ^2/NDF: 2464034.9/64

- sign 102.508+/-0.015 χ^2/NDF: 1182830.3/32

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 771.635+/-298.208 χ^2/NDF: 3.6/6

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: 418.248+/-237.310 χ^2/NDF: 5.1/9

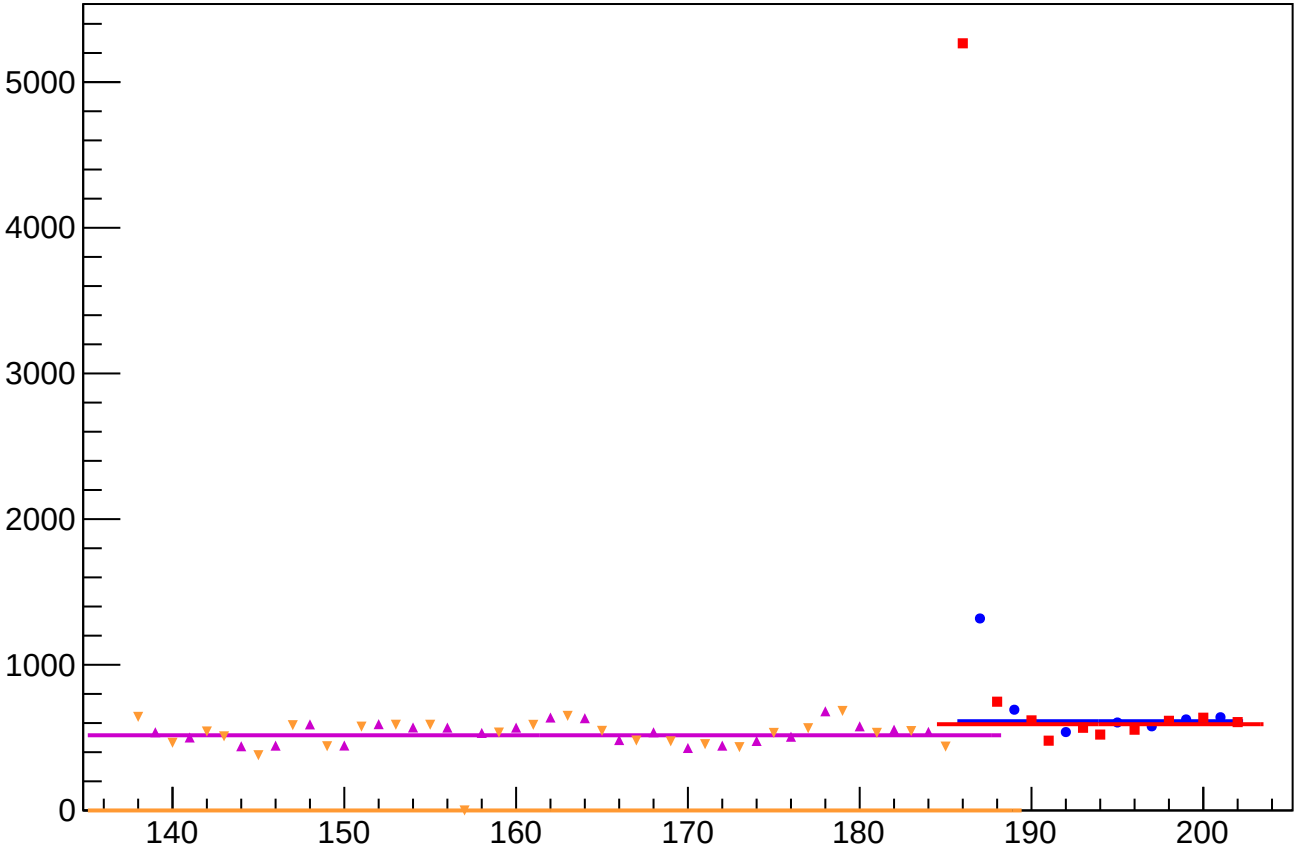
Left In: 129.094+/-124.247 χ^2/NDF:28.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 50.2/31

All: -0.000+/-0.000 χ^2/NDF: 87.8/64

- sign 191.304+/-110.073 χ^2/NDF: 34.6/32

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 612.621+/-0.211 χ^2/NDF: 123534.2/6

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 592.054+/-0.168 χ^2/NDF: 734162.9/9

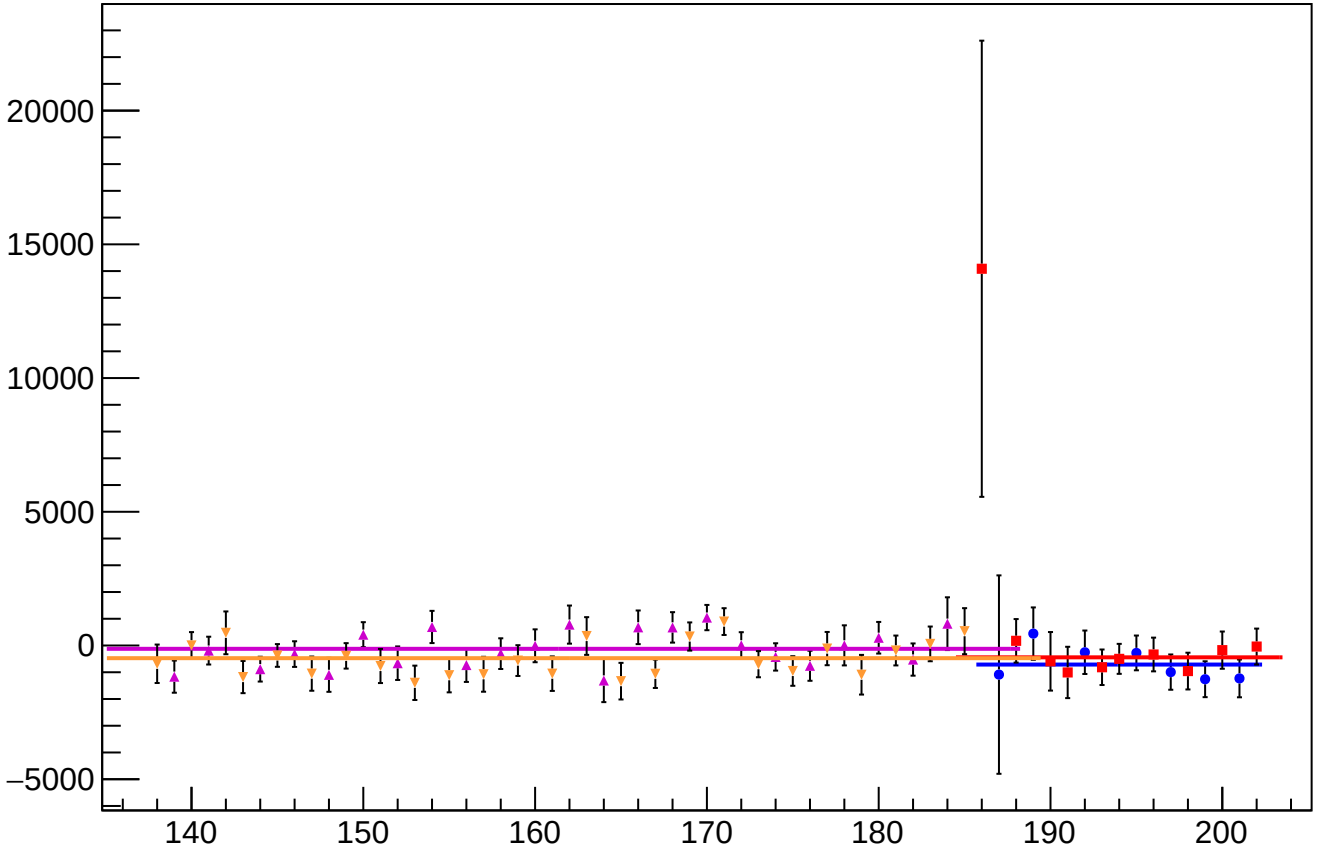
Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 43538262.5/31

All: 0.000+/-0.000 χ^2/NDF: 91804103.7/64

- sign 532.457+/-0.078 χ^2/NDF: 1466623.6/32

asym_sam_26_48_dd_mean vs Slug



Right In: -712.409+/-294.582 χ^2/NDF: 3.6/6

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: -442.310+/-236.921 χ^2/NDF: 5.3/9

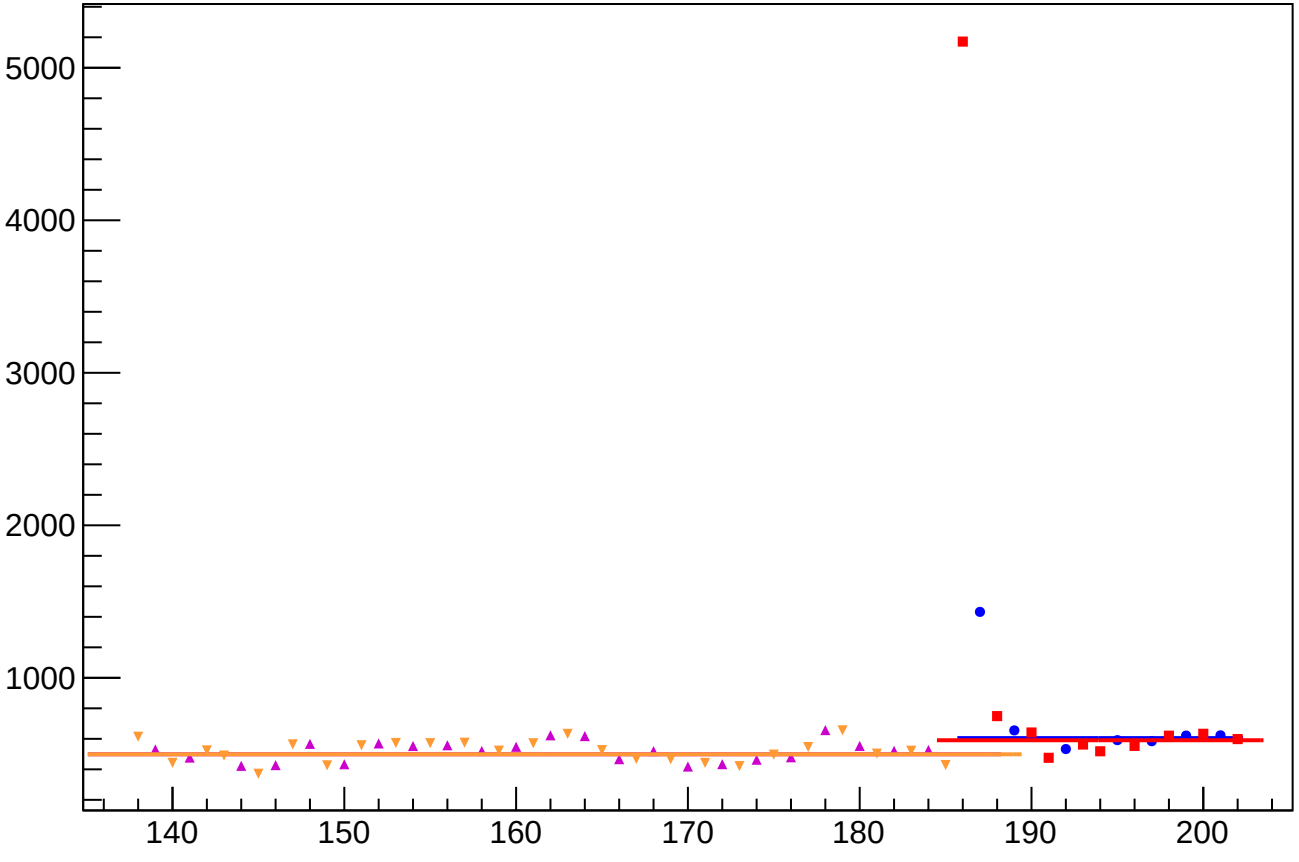
Left In: -124.022+/-120.216 χ^2/NDF:30.2/22

+ sign -506.842+/-109.521 χ^2/NDF: 32.1/31

All: -344.623+/-76.611 χ^2/NDF: 73.2/64

- sign -189.191+/-107.205 χ^2/NDF: 36.9/32

asym_sam_26_48_dd_rms vs Slug



Right In: 604.750+/-0.208 χ^2/NDF: 125774.5/6

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 590.788+/-0.168 χ^2/NDF: 741162.7/9

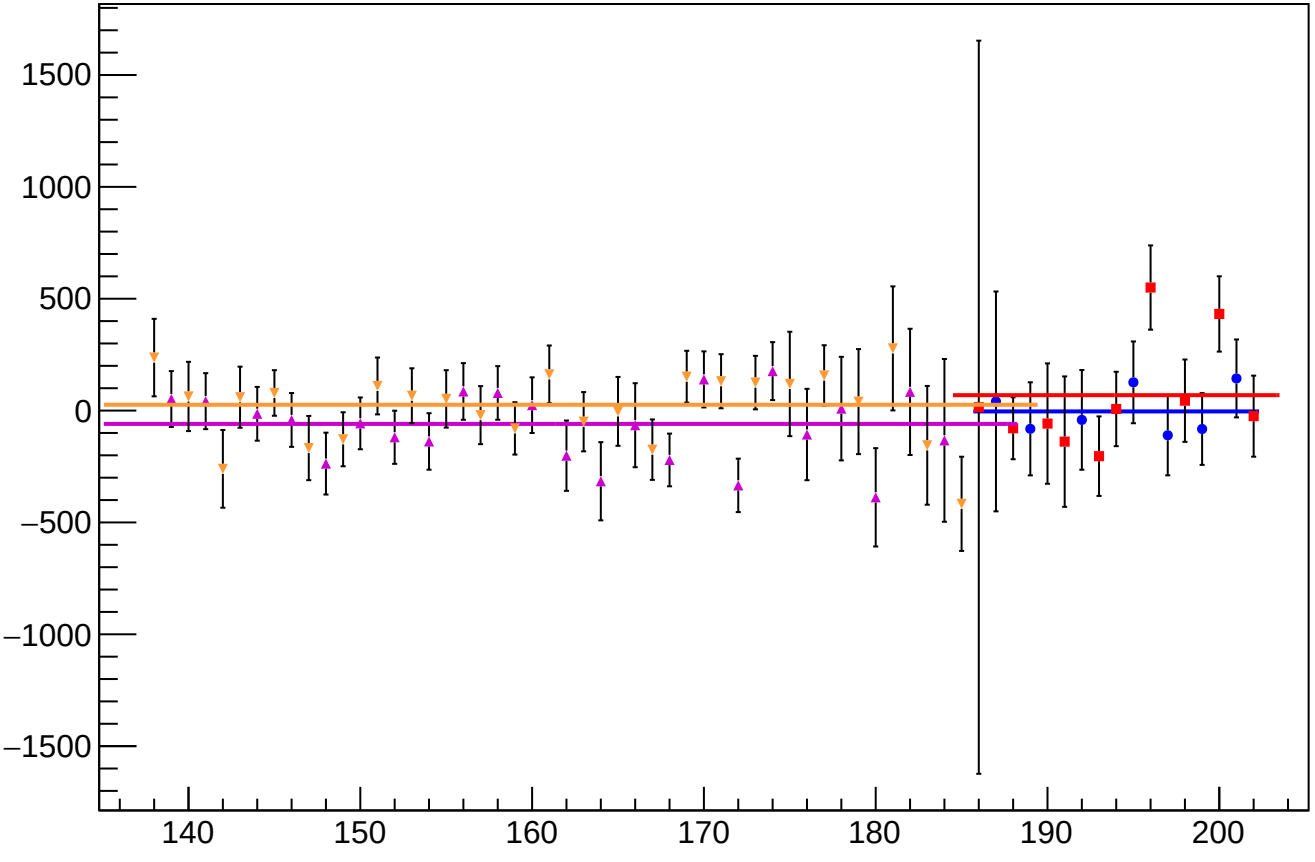
Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

+ sign 513.326+/-0.077 χ^2/NDF: 1083959.3/31

All: 515.540+/-0.054 χ^2/NDF: 2638643.4/64

- sign 517.662+/-0.076 χ^2/NDF: 1553083.1/32

dit_asym_sam_1548_avg_mean vs Slug



Right In: -3.730+/-74.473 χ^2/NDF: 2.0/6

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: 68.940+/-60.930 χ^2/NDF: 15.8/9

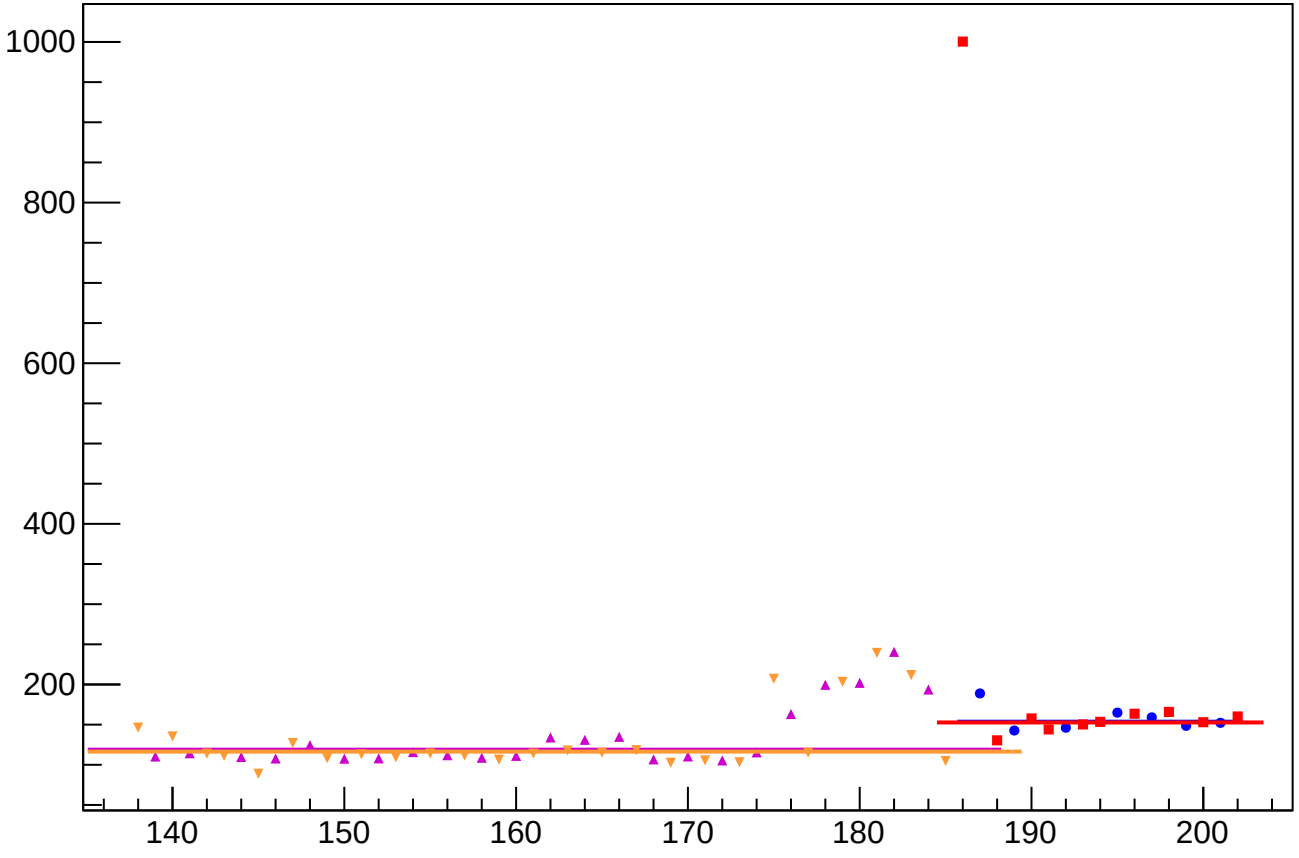
Left In: -59.603+/-29.184 χ^2/NDF:25.6/22

+ sign 22.237+/-26.308 χ^2/NDF: 24.8/31

All: -6.676+/-18.607 χ^2/NDF: 72.3/64

- sign -35.617+/-26.320 χ^2/NDF: 45.1/32

dit_asym_sam_1548_avg_rms vs Slug



Right In: 153.676+/-0.053 χ^2/NDF: 29700.8/6

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 152.726+/-0.043 χ^2/NDF: 610108.7/9

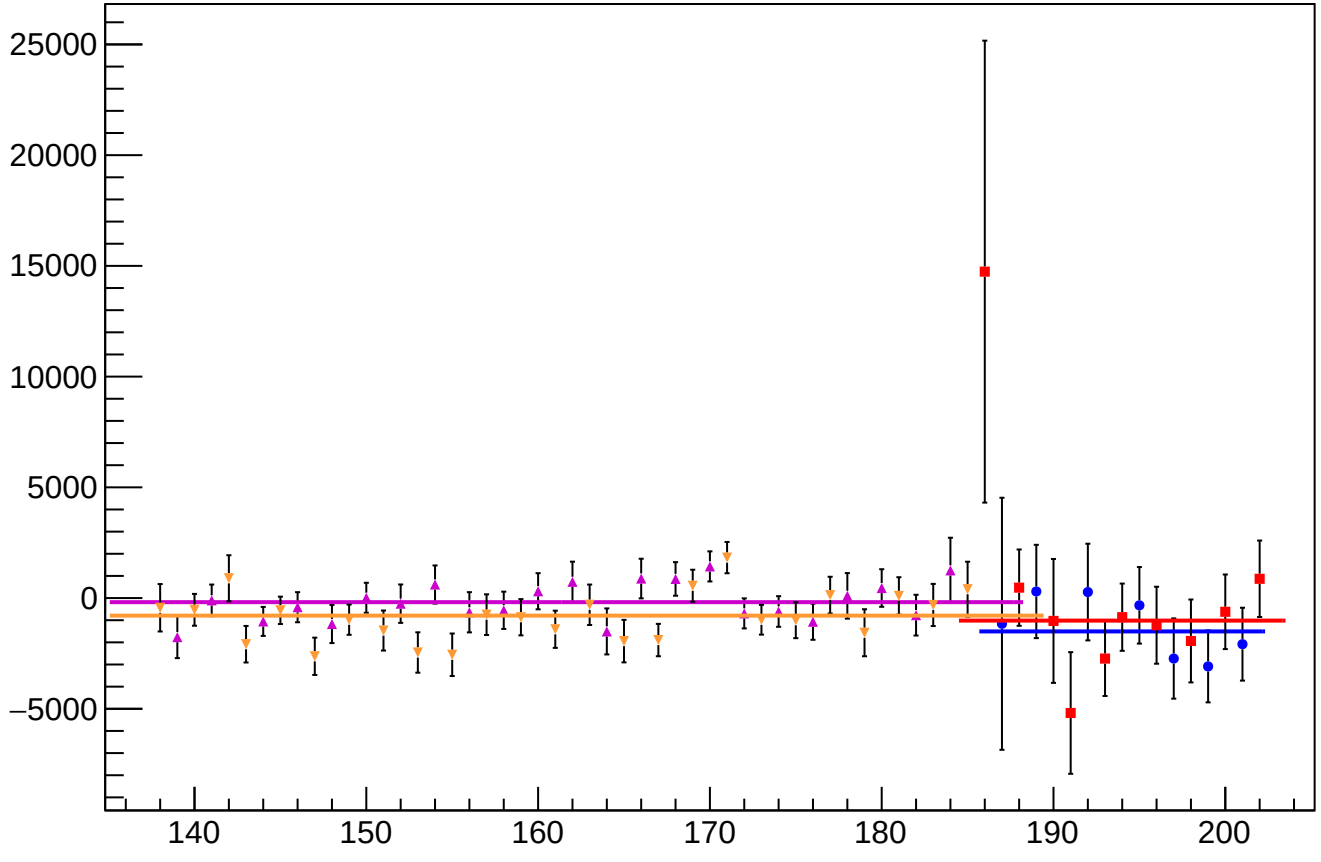
Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

+ sign 121.075+/-0.019 χ^2/NDF: 2057255.6/31

All: 123.111+/-0.013 χ^2/NDF: 4484211.5/64

- sign 125.149+/-0.019 χ^2/NDF: 2402995.0/32

asym_sam_1548_avg_correction_mean vs Slug



Right In: -1505.956+/-734.454 χ^2/NDF: 3.4/6

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: -1017.440+/-609.220 χ^2/NDF: 7.9/9

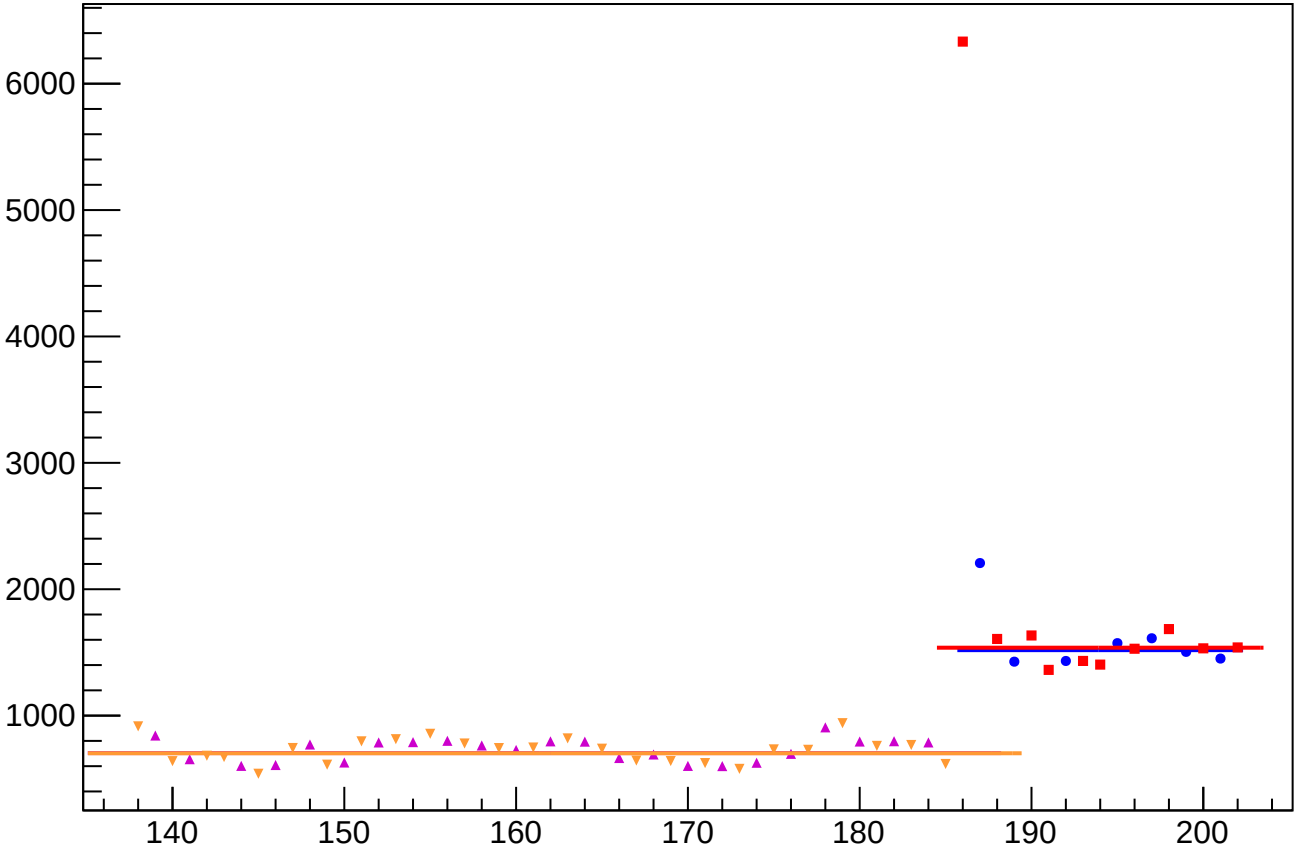
Left In: -185.191+/-169.174 χ^2/NDF:23.4/22

+ sign -826.652+/-161.889 χ^2/NDF: 47.9/31

All: -537.714+/-114.866 χ^2/NDF: 87.3/64

- sign -244.772+/-163.006 χ^2/NDF: 33.1/32

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1518.115+/-0.519 χ^2/NDF: 47001.2/6

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1537.438+/-0.431 χ^2/NDF: 472274.5/9

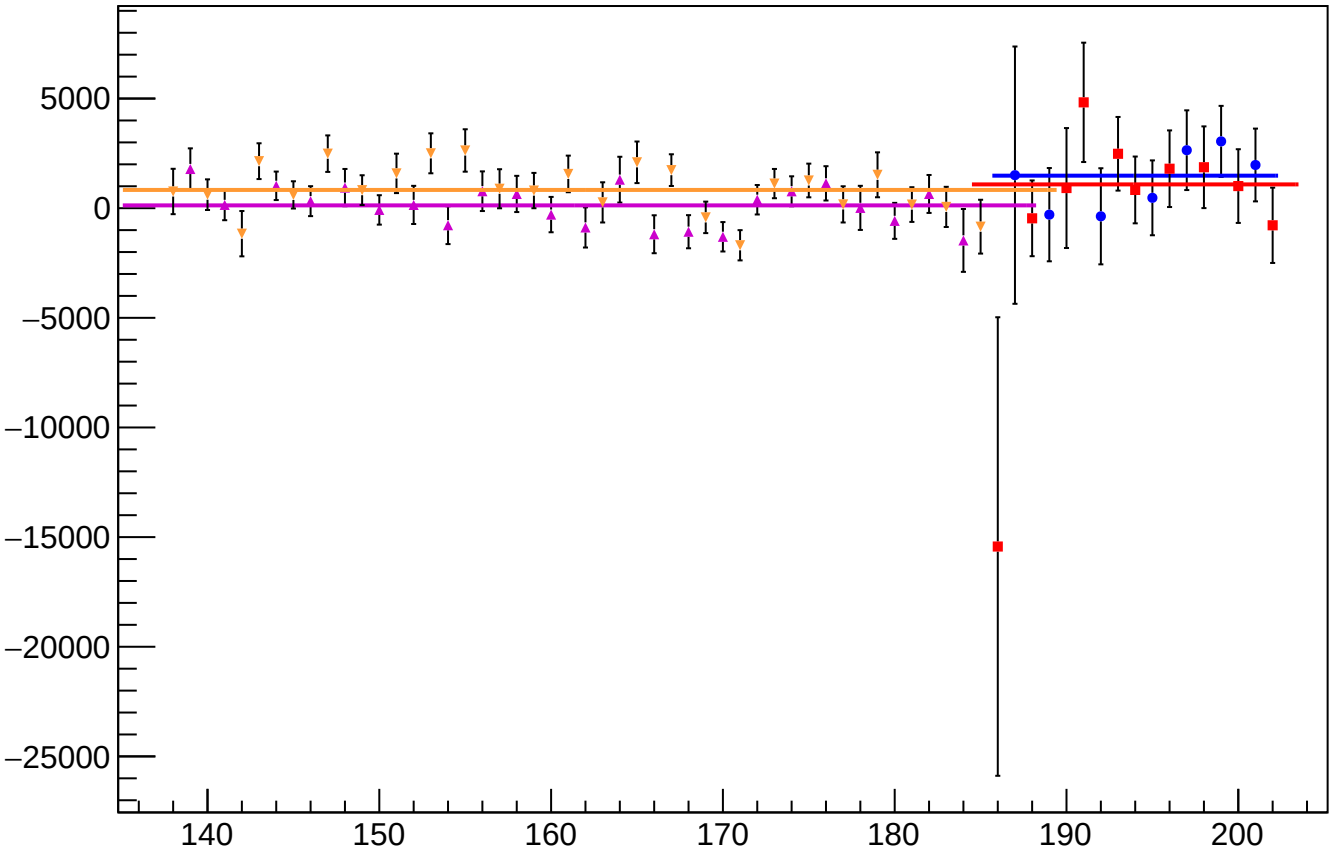
Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

+ sign 741.796+/-0.114 χ^2/NDF: 3087165.1/31

All: 752.522+/-0.081 χ^2/NDF: 7588215.2/64

- sign 763.397+/-0.115 χ^2/NDF: 4483367.6/32

asym_sam_1548_avg_mean vs Slug



Right In: 1483.023+/-735.476 χ^2/NDF: 3.2/6

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: 1084.835+/-607.746 χ^2/NDF: 7.4/9

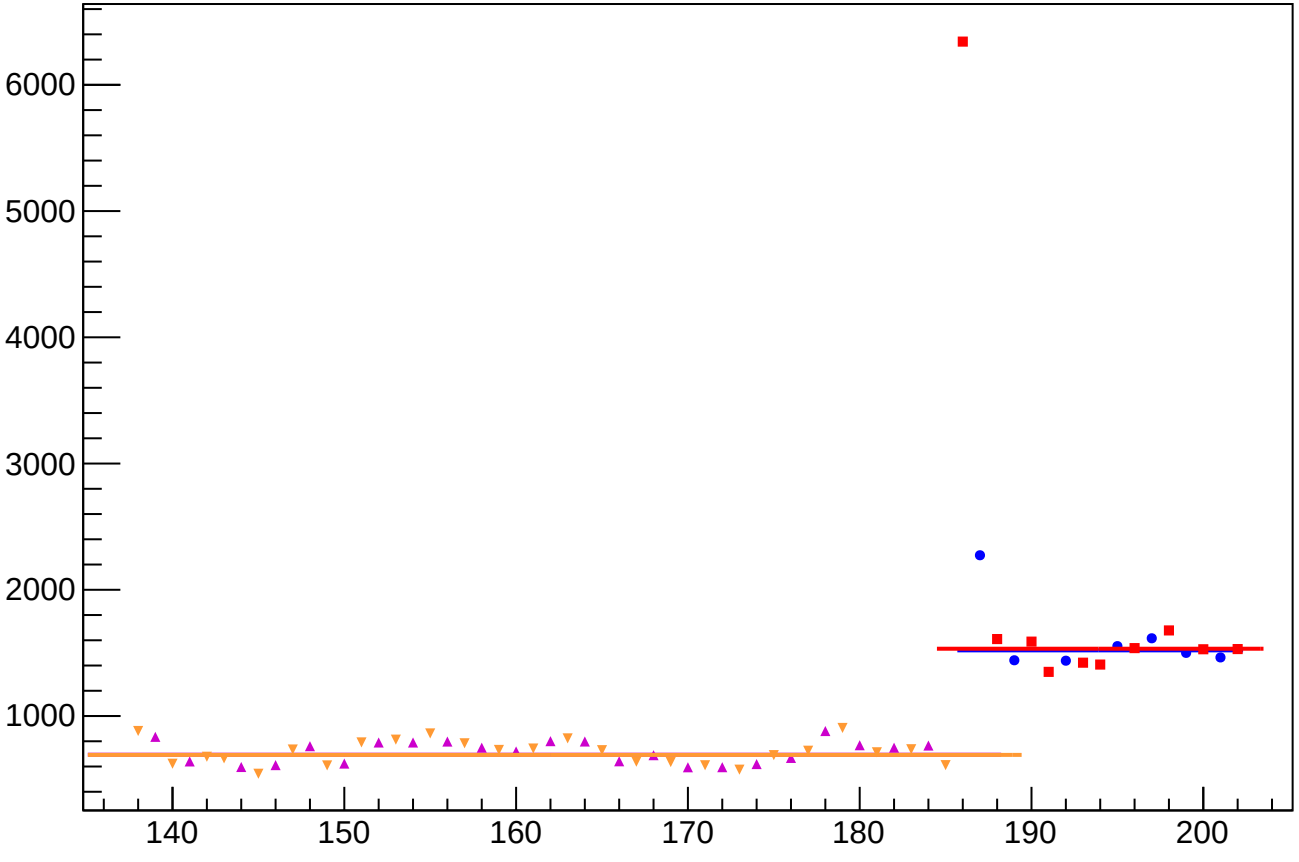
Left In: 128.120+/-166.866 χ^2/NDF:25.3/22

+ sign 863.160+/-159.537 χ^2/NDF: 47.7/31

All: 532.037+/-113.292 χ^2/NDF: 91.5/64

- sign 195.187+/-160.911 χ^2/NDF: 35.0/32

asym_sam_1548_avg_rms vs Slug



Right In: 1520.142+/-0.520 χ^2/NDF: 47393.5/6

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1533.096+/-0.430 χ^2/NDF: 471405.2/9

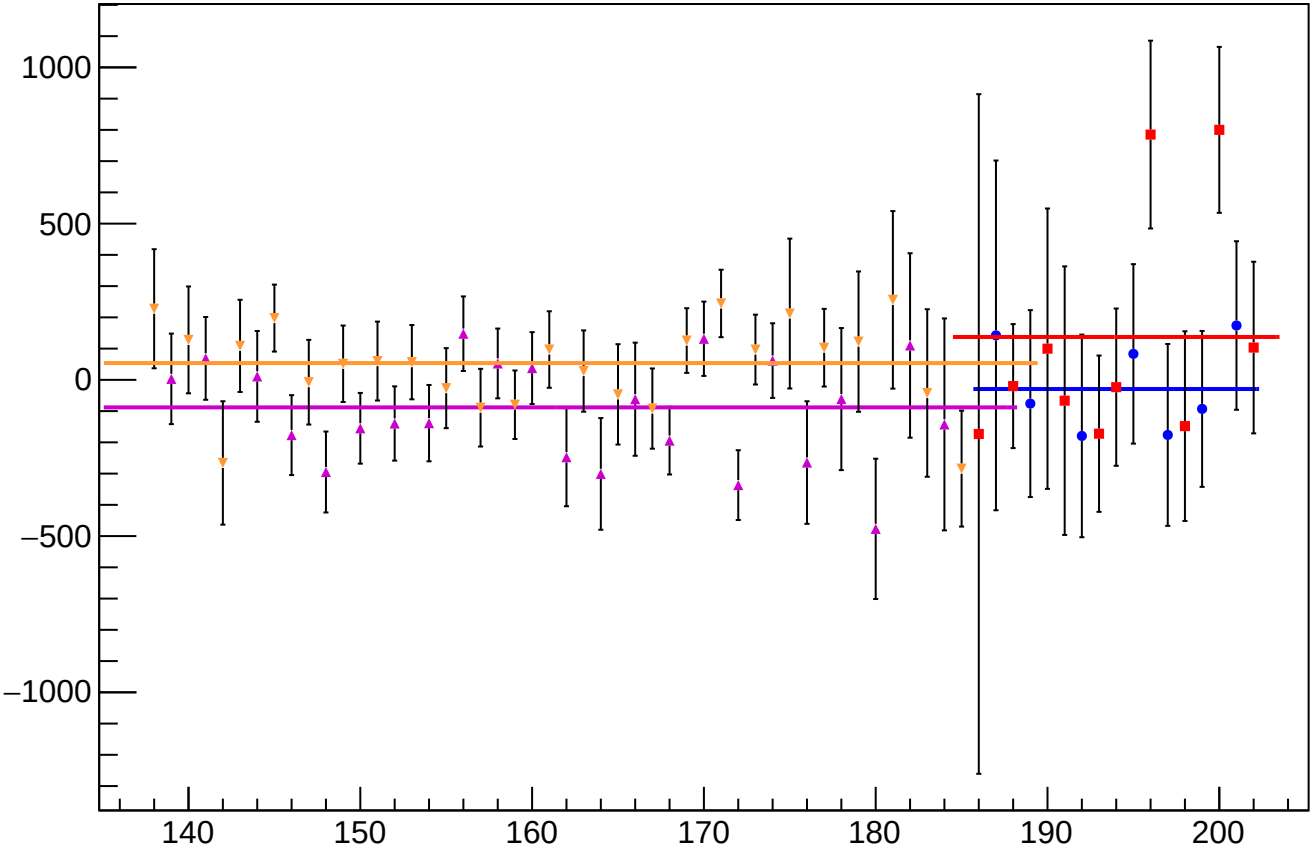
Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

+ sign 731.034+/-0.113 χ^2/NDF: 3121029.5/31

All: 741.657+/-0.080 χ^2/NDF: 7679502.1/64

- sign 752.464+/-0.114 χ^2/NDF: 4540583.1/32

dit_asym_sam_3748_avg_mean vs Slug



Right In: -29.319+/-113.496 χ^2/NDF: 1.4/6

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: 137.235+/-92.150 χ^2/NDF: 14.7/9

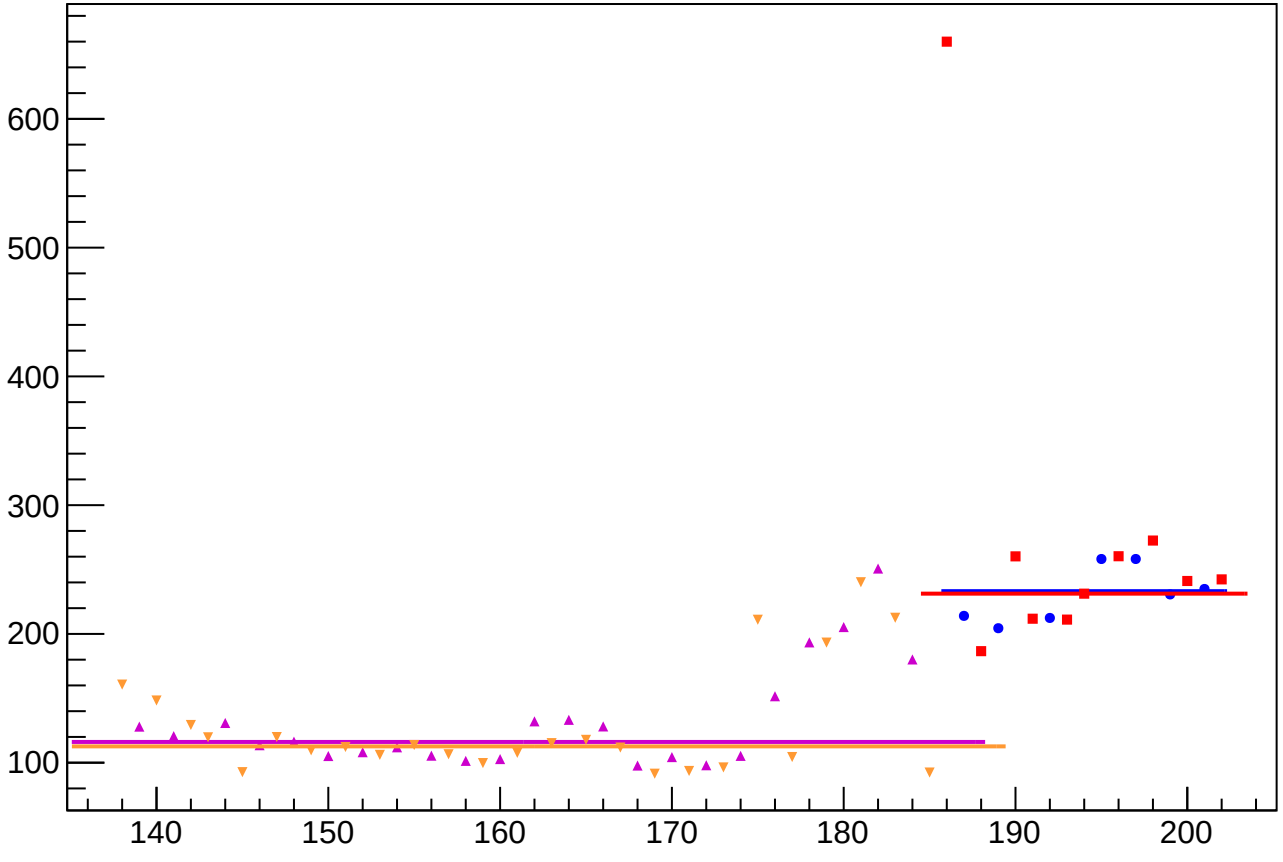
Left In: -88.085+/-28.764 χ^2/NDF:30.4/22

+ sign 49.109+/-26.692 χ^2/NDF: 21.1/31

All: -7.830+/-19.139 χ^2/NDF: 80.9/64

- sign -68.081+/-27.457 χ^2/NDF: 50.5/32

dit_asym_sam_3748_avg_rms vs Slug



Right In: 233.209+/-0.080 χ^2/NDF: 59235.4/6

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 231.281+/-0.065 χ^2/NDF: 499152.8/9

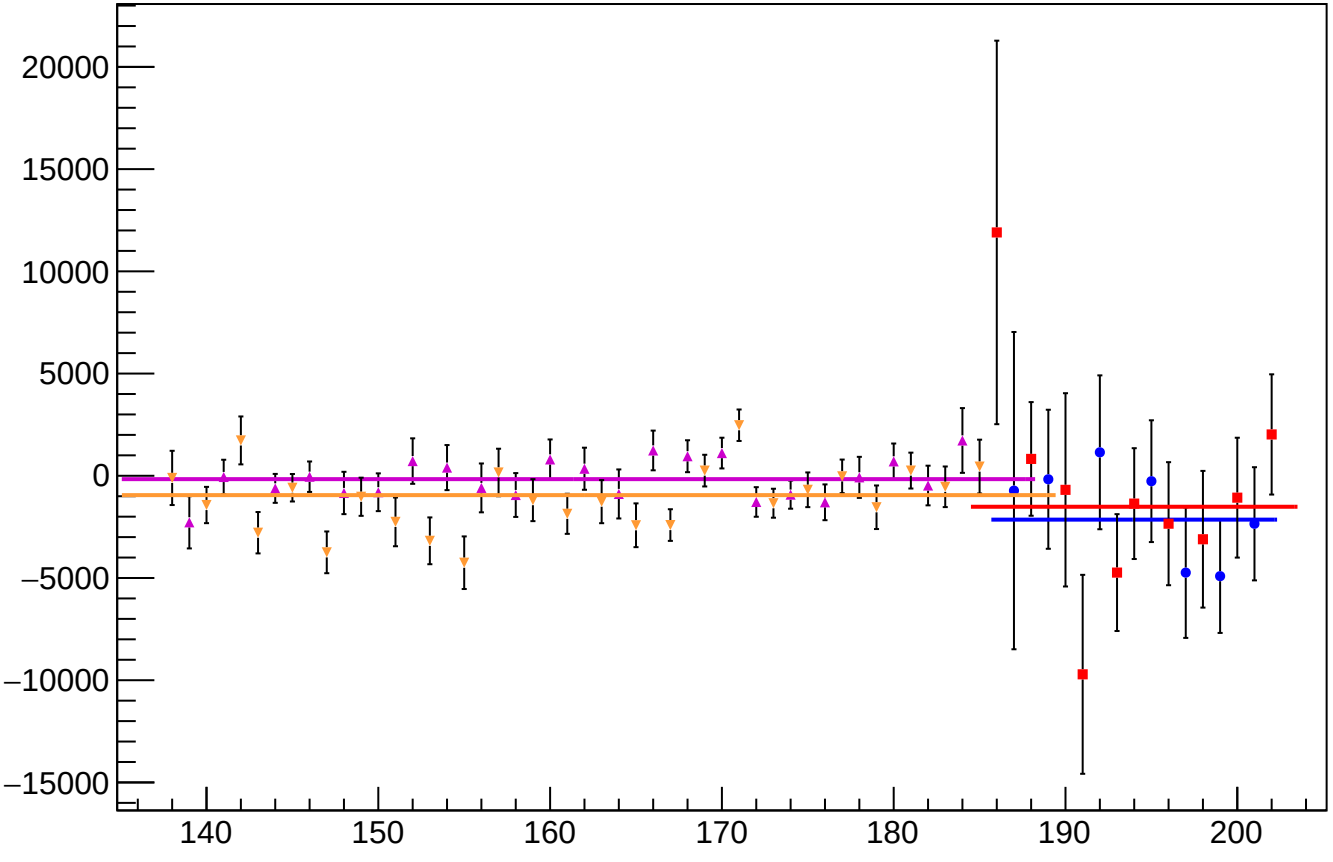
Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

+ sign 119.335+/-0.019 χ^2/NDF: 4041923.5/31

All: 122.735+/-0.014 χ^2/NDF: 8893567.2/64

- sign 126.333+/-0.019 χ^2/NDF: 4784852.6/32

asym_sam_3748_avg_correction_mean vs Slug



Right In: -2145.080+/-1245.554 χ^2/NDF: 3.2/6

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: -1514.961+/-1043.578 χ^2/NDF: 8.7/9

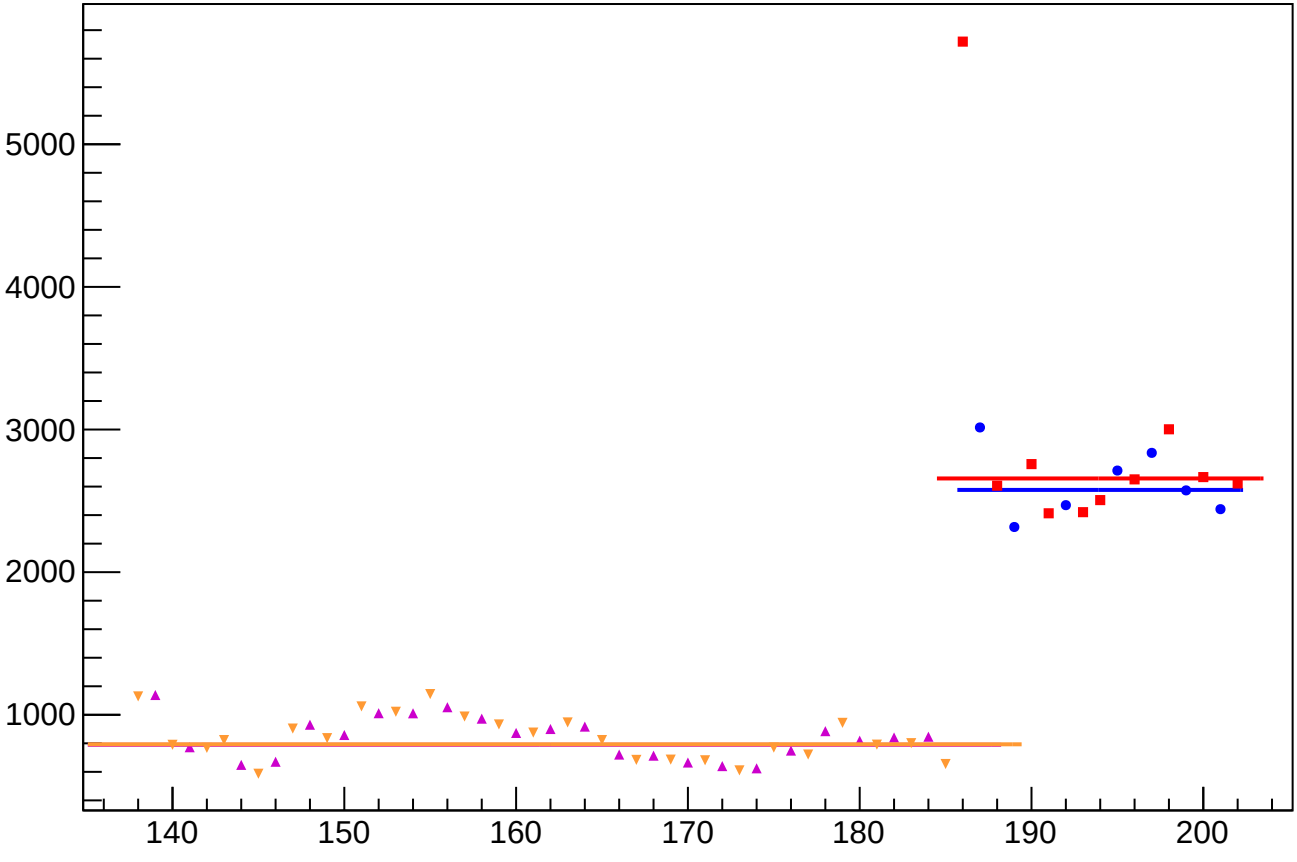
Left In: -164.202+/-191.131 χ^2/NDF:22.0/22

+ sign -973.298+/-186.541 χ^2/NDF: 67.4/31

All: -593.659+/-132.418 χ^2/NDF: 108.1/64

- sign -208.041+/-188.004 χ^2/NDF: 32.3/32

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2576.649+/-0.881 χ^2/NDF: 41821.3/6

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2656.986+/-0.738 χ^2/NDF: 261353.0/9

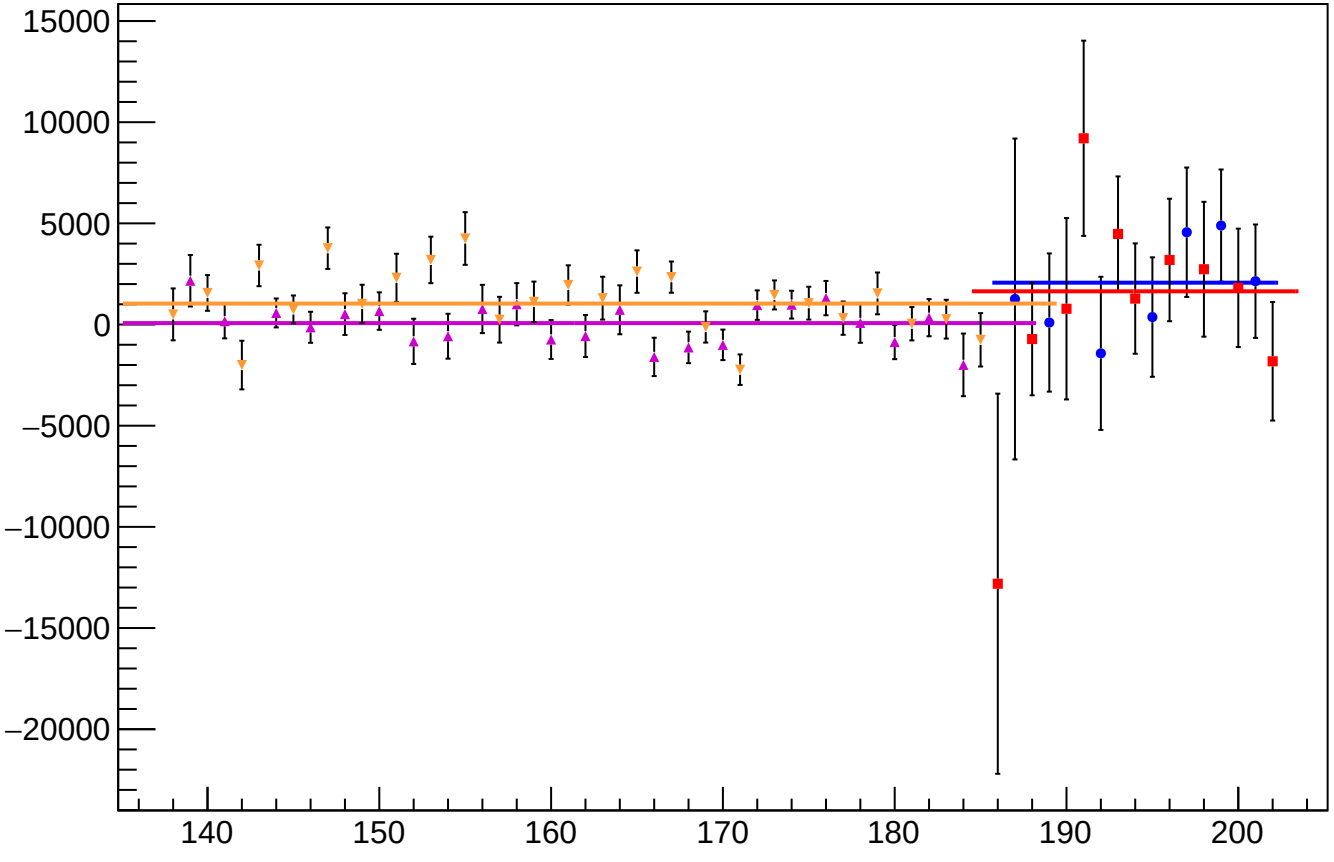
Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

+ sign 833.157+/-0.132 χ^2/NDF: 5209310.2/31

All: 841.663+/-0.094 χ^2/NDF: 12694462.3/64

- sign 850.302+/-0.133 χ^2/NDF: 7476771.0/32

asym_sam_3748_avg_mean vs Slug



Right In: 2068.429+/-1248.424 χ^2/NDF: 3.2/6

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: 1641.710+/-1040.162 χ^2/NDF: 8.4/9

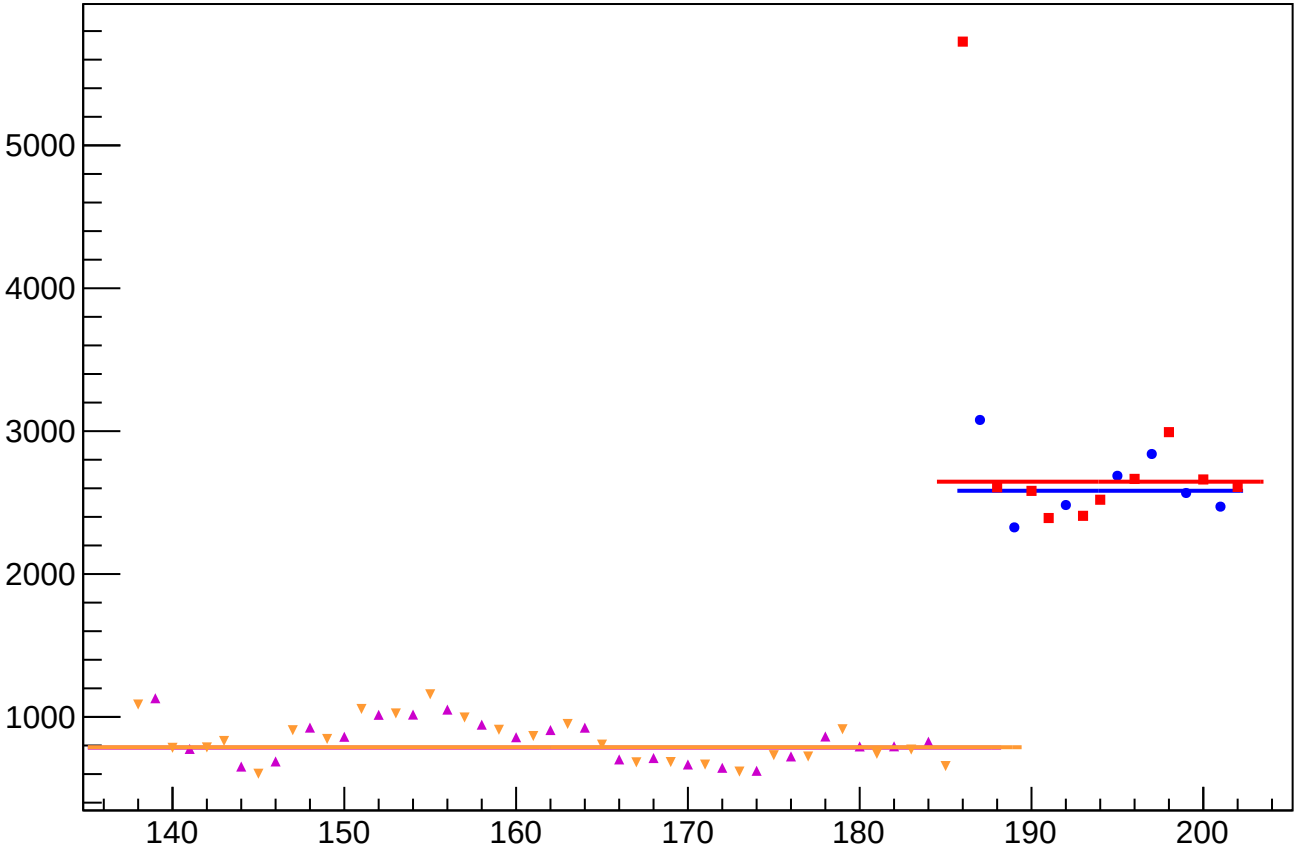
Left In: 70.852+/-190.155 χ^2/NDF:23.4/22

+ sign 1058.327+/-185.172 χ^2/NDF: 65.2/31

All: 594.728+/-131.597 χ^2/NDF: 111.8/64

- sign 121.653+/-187.055 χ^2/NDF: 34.0/32

asym_sam_3748_avg_rms vs Slug



Right In: 2582.765+/-0.883 χ^2/NDF: 39151.9/6

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2646.332+/-0.736 χ^2/NDF: 261919.5/9

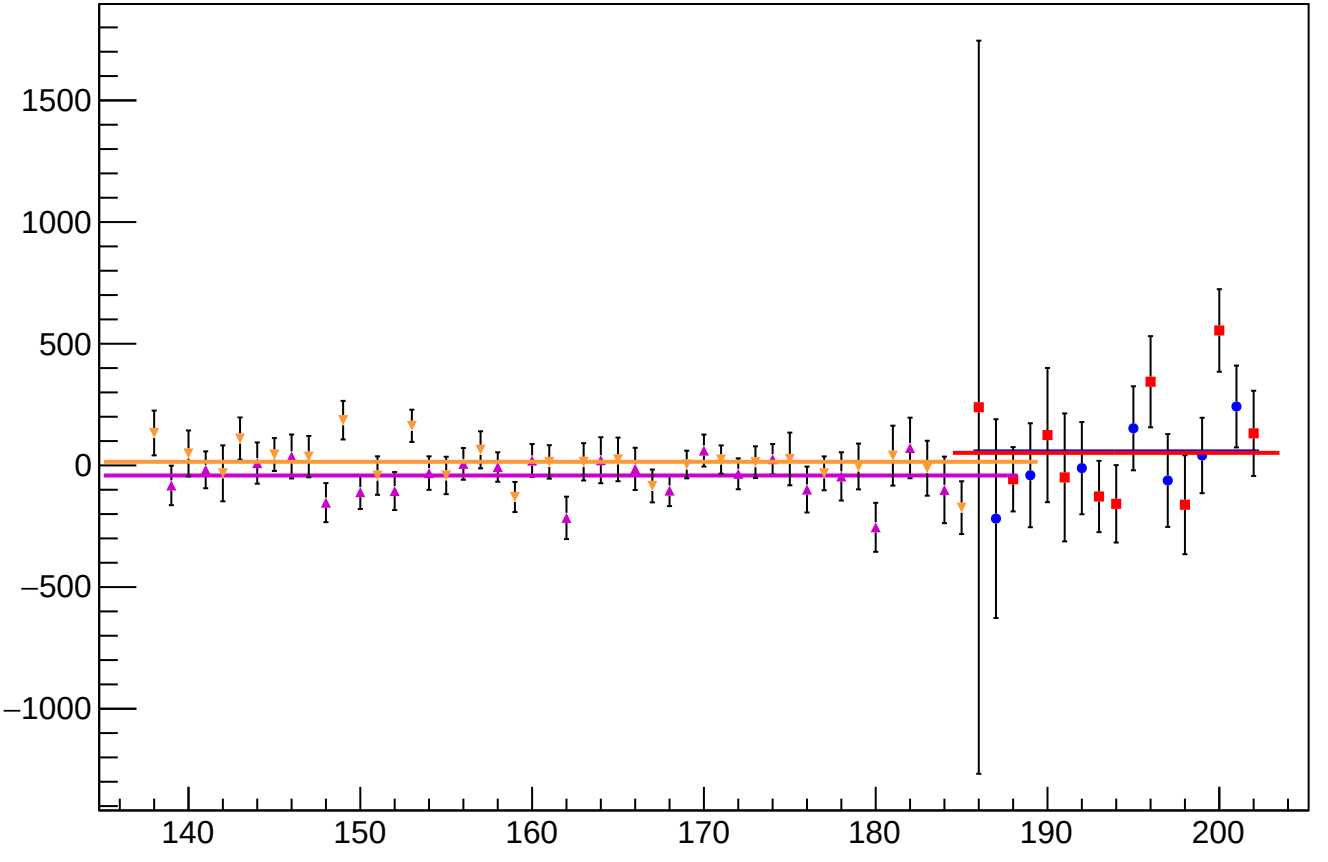
Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

+ sign 827.467+/-0.131 χ^2/NDF: 5195810.5/31

All: 836.327+/-0.093 χ^2/NDF: 12639981.8/64

- sign 845.368+/-0.132 χ^2/NDF: 7434919.7/32

dit_asym_sam_1526_avg_mean vs Slug



Right In: 57.644+/-71.827 χ^2/NDF: 2.7/6

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: 51.564+/-58.579 χ^2/NDF: 16.7/9

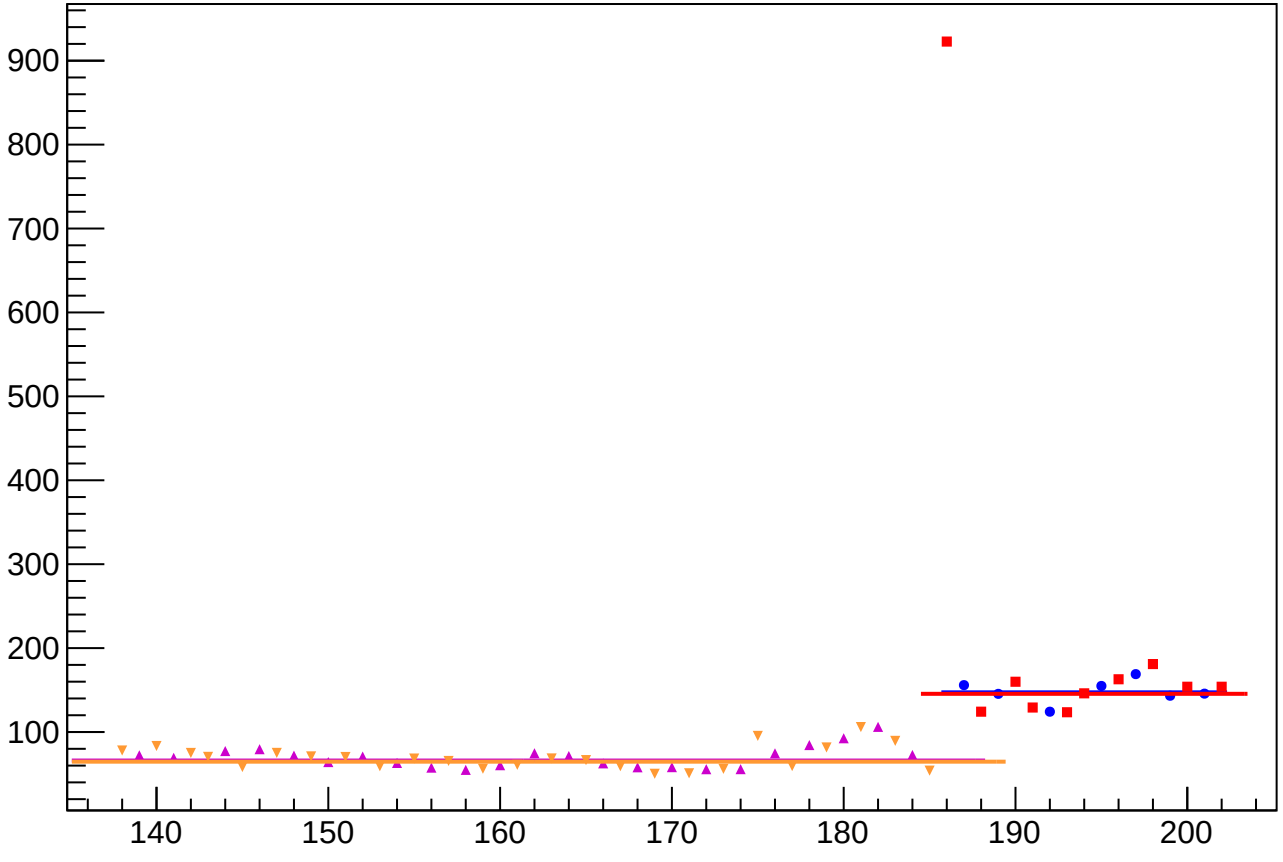
Left In: -41.428+/-16.130 χ^2/NDF:21.7/22

+ sign 16.789+/-15.179 χ^2/NDF: 28.9/31

All: -8.416+/-10.862 χ^2/NDF: 75.2/64

- sign -34.874+/-15.552 χ^2/NDF: 40.7/32

dit_asym_sam_1526_avg_rms vs Slug



Right In: 147.288+/-0.051 χ^2/NDF: 61980.3/6

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 145.526+/-0.041 χ^2/NDF: 730057.5/9

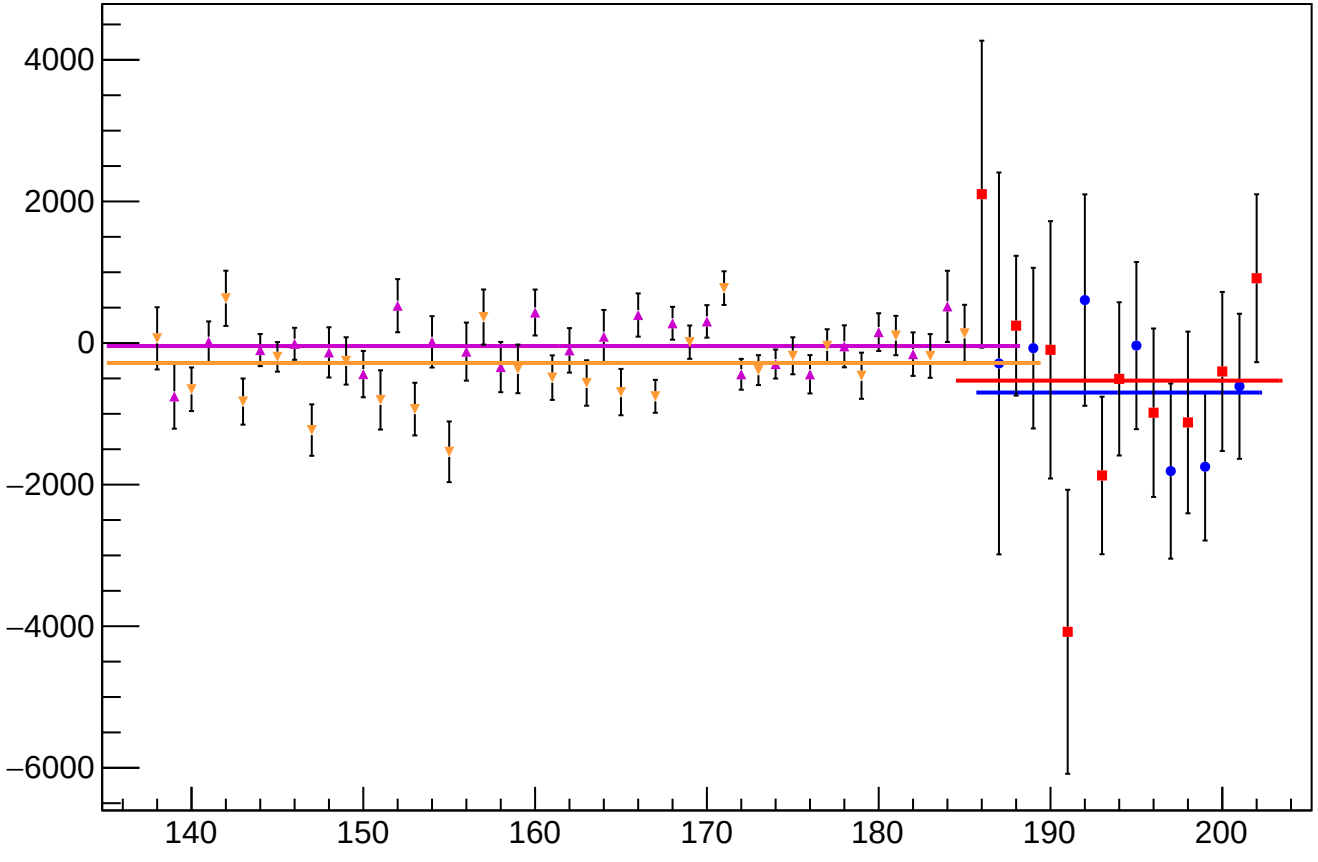
Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

+ sign 68.369+/-0.011 χ^2/NDF: 3739684.7/31

All: 69.955+/-0.008 χ^2/NDF: 8807763.1/64

- sign 71.620+/-0.011 χ^2/NDF: 5023322.0/32

asym_sam_1526_avg_correction_mean vs Slug



Right In: -699.319+/-465.936 χ^2/NDF: 3.2/6

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: -531.175+/-399.383 χ^2/NDF: 8.6/9

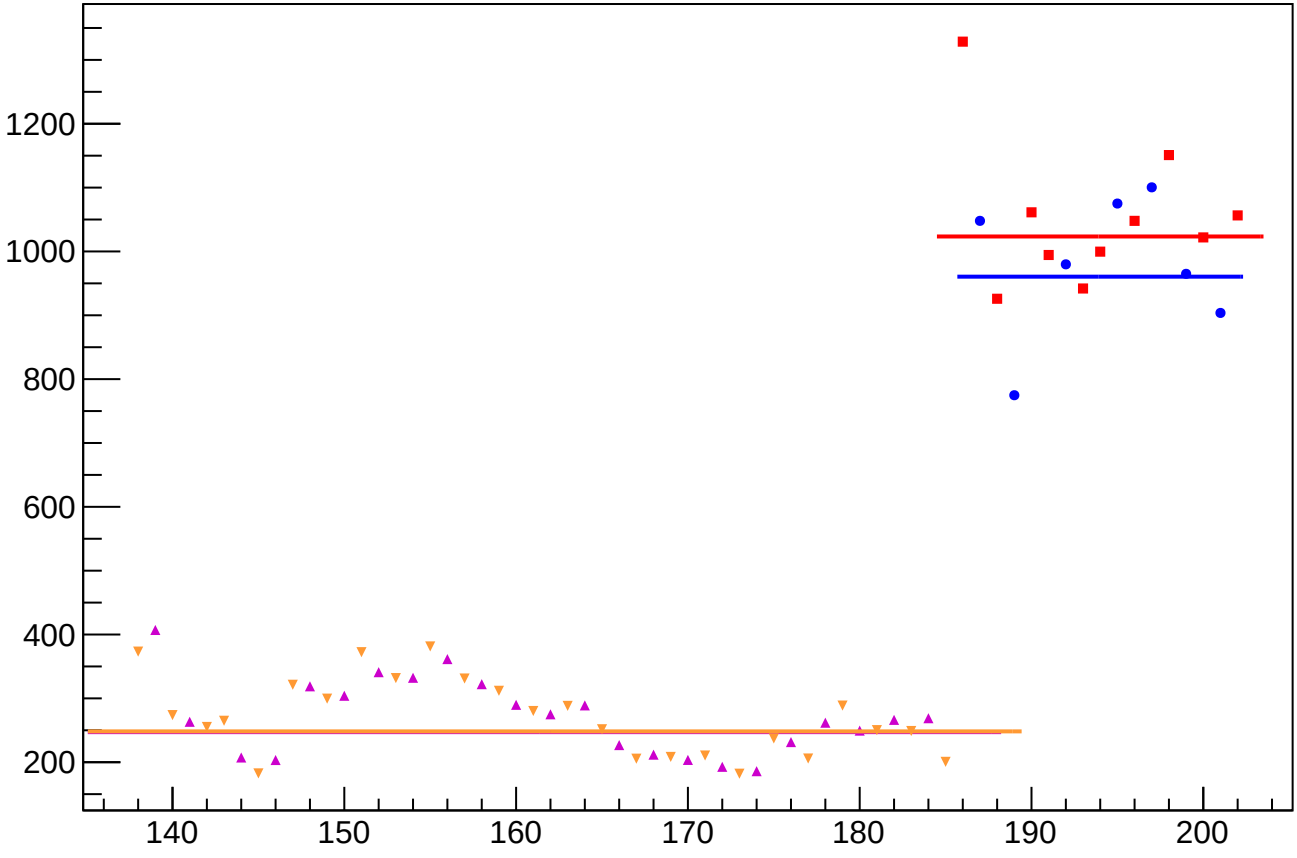
Left In: -42.368+/-60.284 χ^2/NDF:24.7/22

+ sign -288.120+/-59.054 χ^2/NDF: 70.5/31

All: -171.787+/-41.952 χ^2/NDF: 113.1/64

- sign -53.257+/-59.609 χ^2/NDF: 34.8/32

asym_sam_1526_avg_correction_rms vs Slug



Right In: 960.501+/-0.329 χ^2/NDF: 106542.2/6

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 1023.434+/-0.282 χ^2/NDF: 94265.4/9

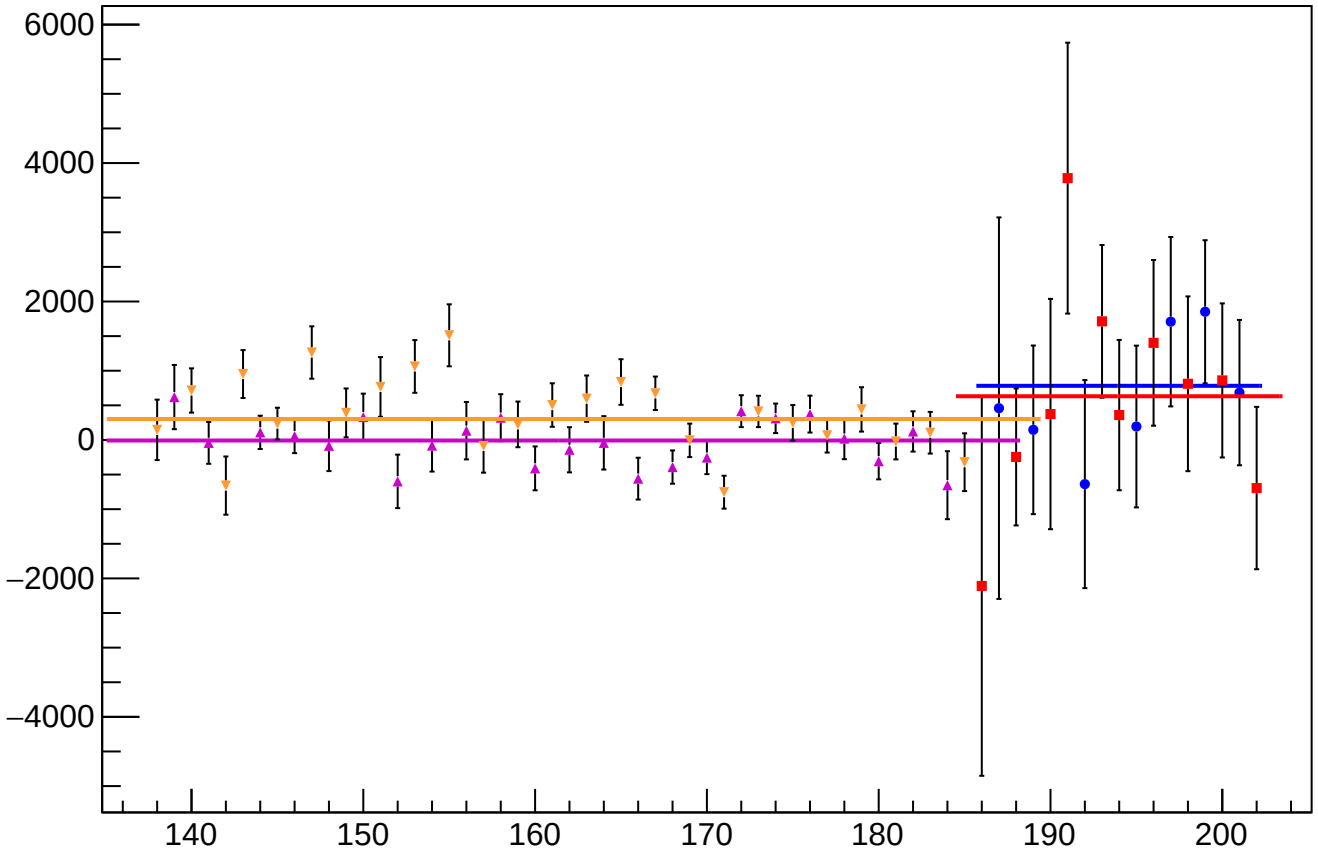
Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

+ sign 259.737+/-0.042 χ^2/NDF: 6392091.5/31

All: 262.046+/-0.030 χ^2/NDF: 15420414.4/64

- sign 264.399+/-0.042 χ^2/NDF: 9022149.2/32

asym_sam_1526_avg_mean vs Slug



Right In: 782.116+/-471.810 χ^2/NDF: 3.1/6

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: 631.416+/-398.159 χ^2/NDF: 7.2/9

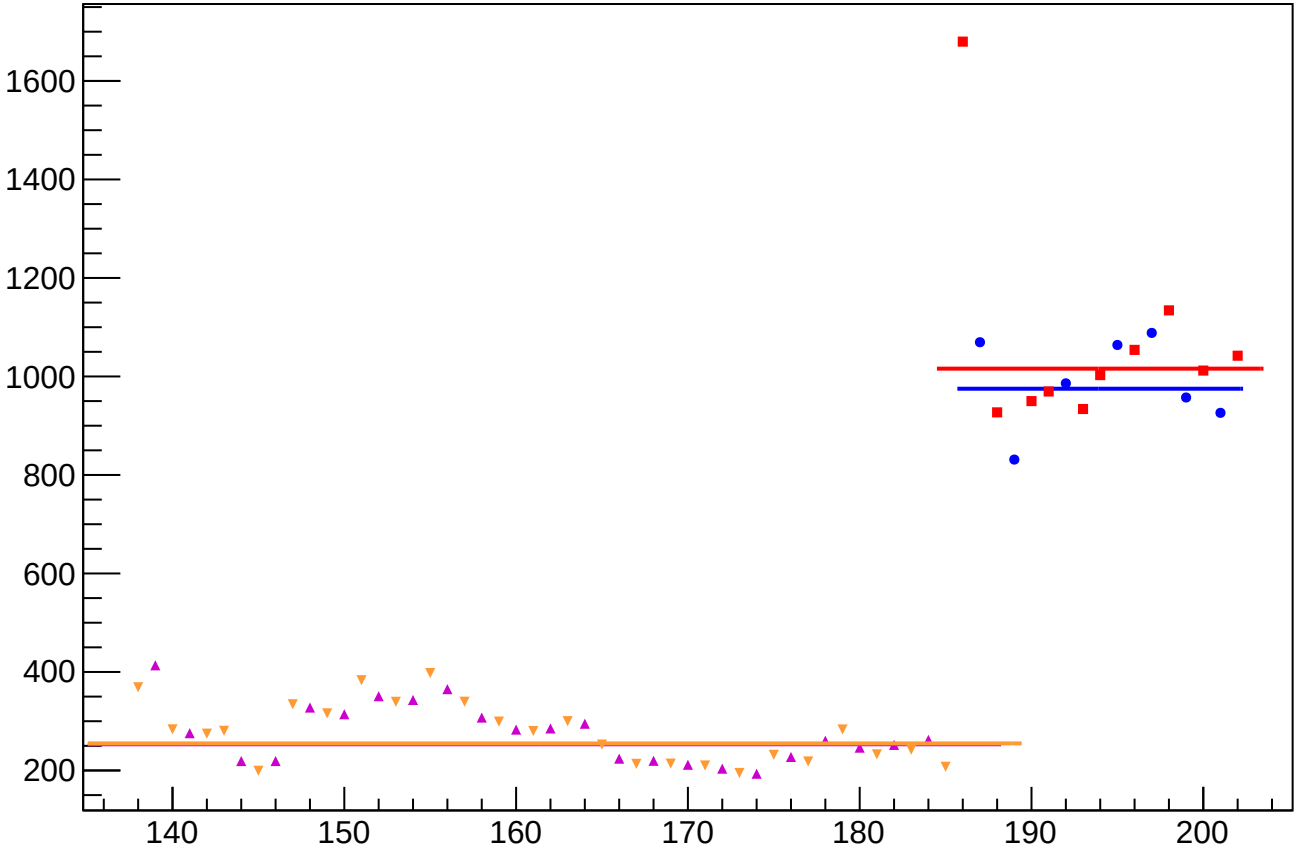
Left In: -7.915+/-61.726 χ^2/NDF:26.3/22

+ sign 310.304+/-60.487 χ^2/NDF: 67.9/31

All: 159.969+/-42.950 χ^2/NDF: 116.4/64

- sign 7.090+/-60.997 χ^2/NDF: 36.0/32

asym_sam_1526_avg_rms vs Slug



Right In: 975.092+/-0.334 χ^2/NDF: 64018.6/6

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 1015.871+/-0.282 χ^2/NDF: 169565.3/9

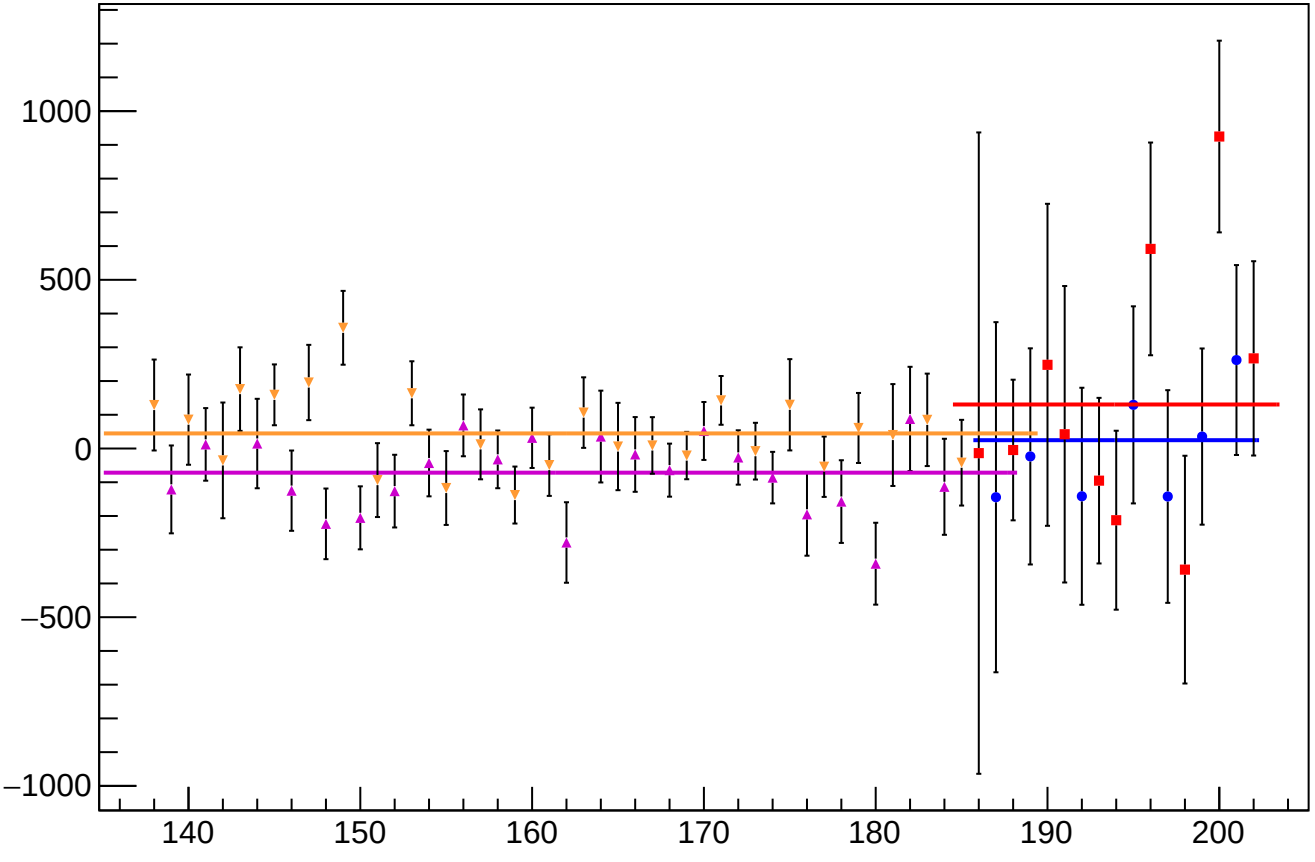
Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

+ sign 266.774+/-0.043 χ^2/NDF: 6188729.3/31

All: 268.904+/-0.030 χ^2/NDF: 14896384.3/64

- sign 271.070+/-0.043 χ^2/NDF: 8702652.1/32

dit_asym_sam_3726_avg_mean vs Slug



Right In: 24.672+/-117.688 χ^2/NDF: 1.5/6

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: 130.487+/-96.312 χ^2/NDF: 15.3/9

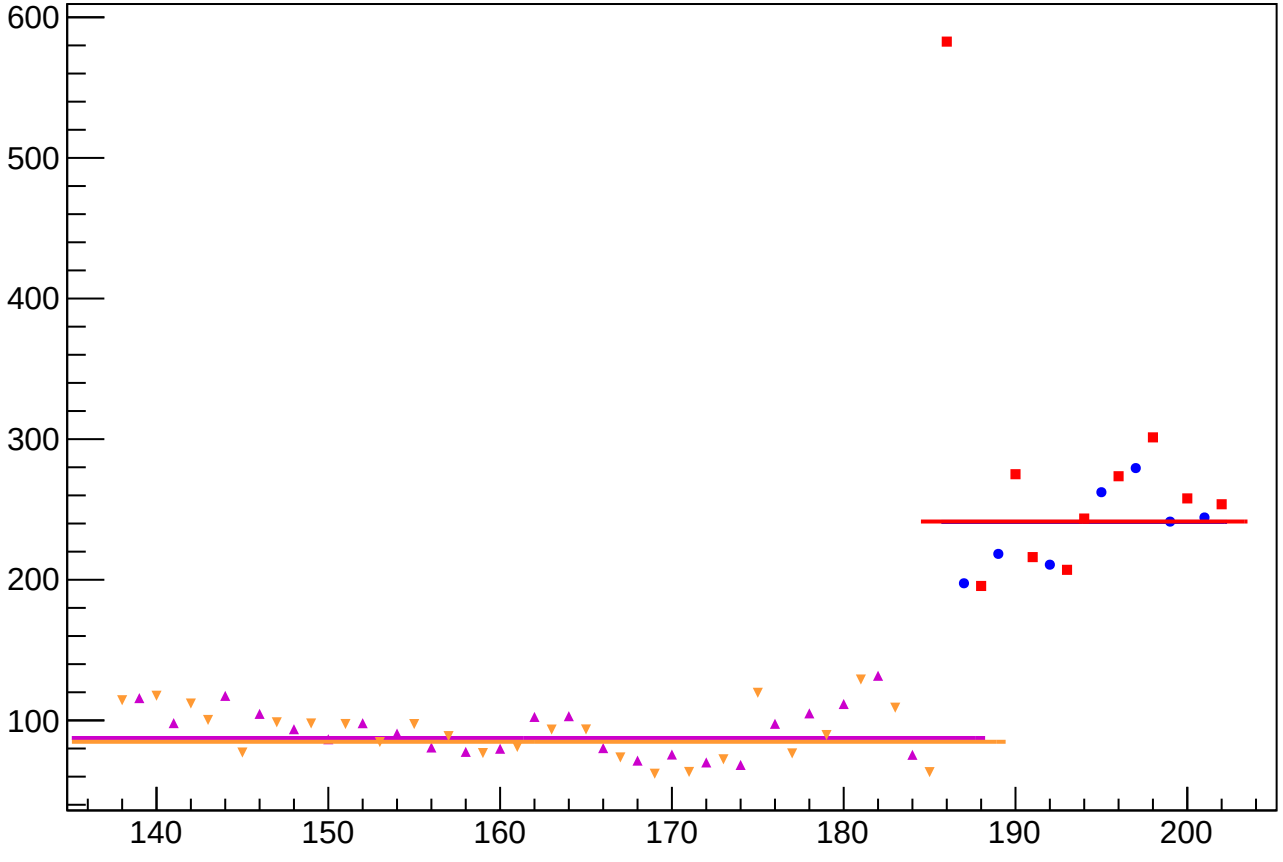
Left In: -71.620+/-21.469 χ^2/NDF:23.7/22

+ sign 44.157+/-20.157 χ^2/NDF: 32.1/31

All: -6.889+/-14.527 χ^2/NDF: 88.6/64

- sign -62.053+/-20.954 χ^2/NDF: 43.2/32

dit_asym_sam_3726_avg_rms vs Slug



Right In: 241.123+/-0.083 χ^2/NDF: 82318.1/6

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 241.424+/-0.068 χ^2/NDF: 504483.5/9

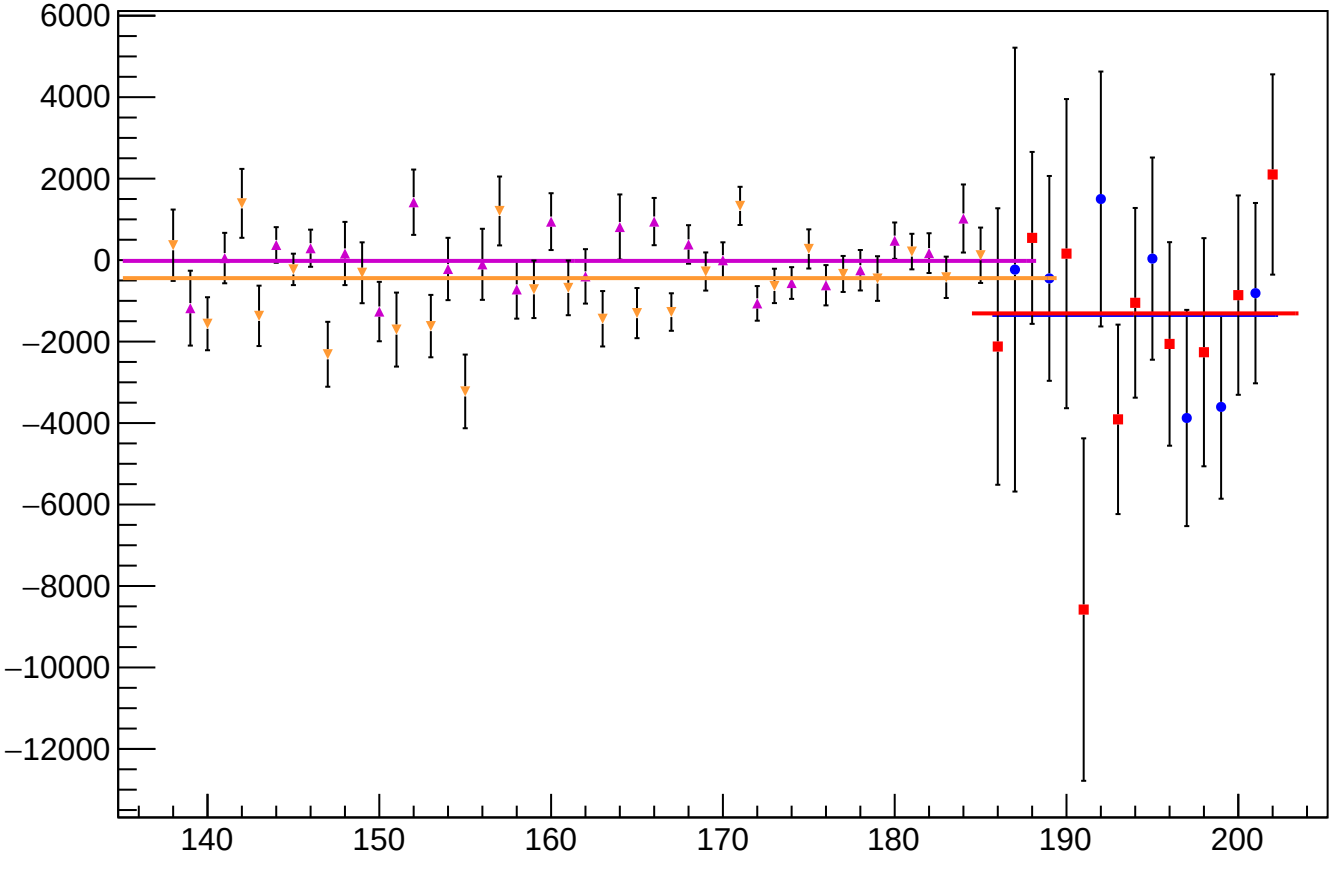
Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

+ sign 89.379+/-0.014 χ^2/NDF: 4890660.3/31

All: 91.967+/-0.010 χ^2/NDF: 11388197.6/64

- sign 94.764+/-0.015 χ^2/NDF: 6428917.3/32

asym_sam_3726_avg_correction_mean vs Slug



Right In: -1345.996+/-1000.397 χ^2/NDF: 3.3/6

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: -1307.919+/-837.153 χ^2/NDF: 7.4/9

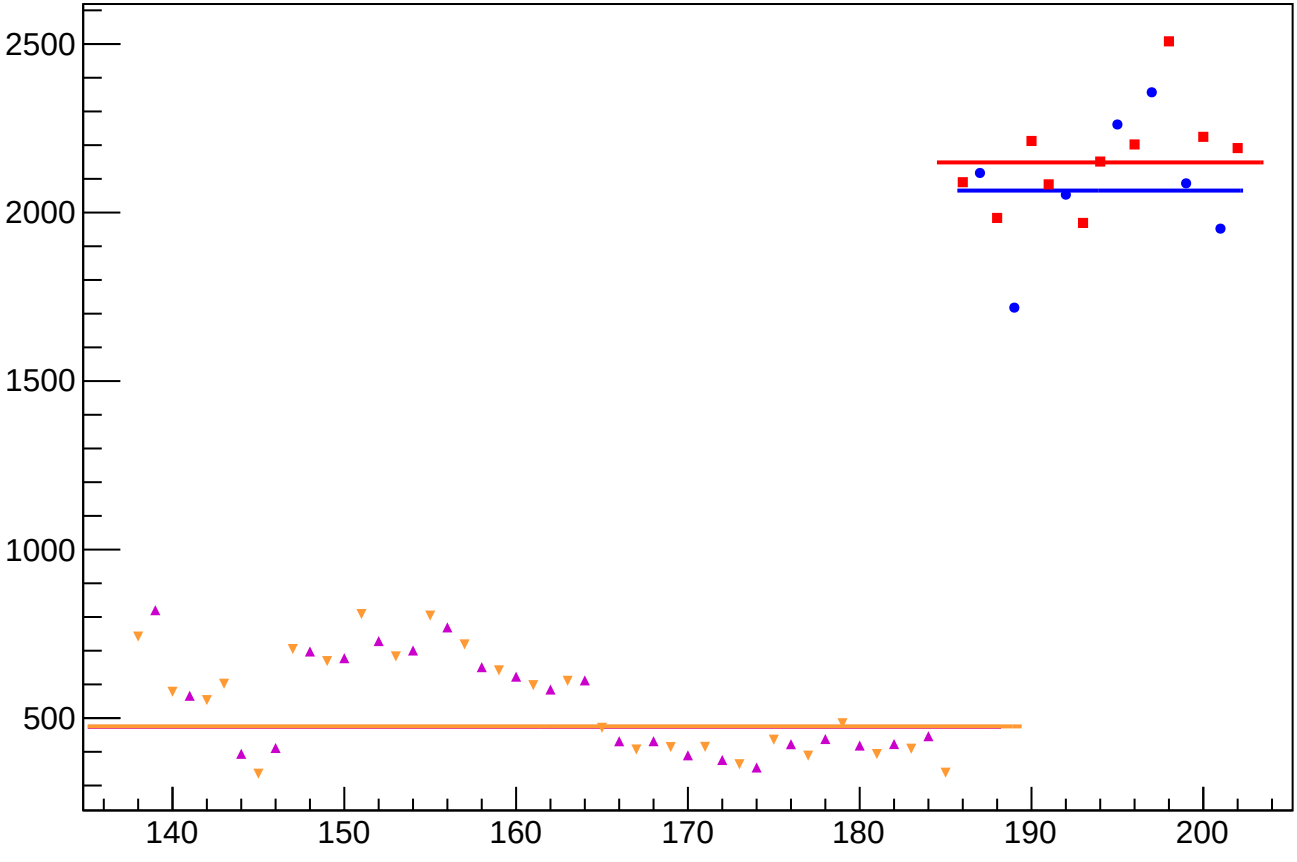
Left In: -19.322+/-116.820 χ^2/NDF:29.5/22

+ sign -454.157+/-114.664 χ^2/NDF: 65.0/31

All: -250.889+/-81.443 χ^2/NDF: 110.6/64

- sign -43.935+/-115.699 χ^2/NDF: 39.2/32

asym_sam_3726_avg_correction_rms vs Slug



Right In: 2065.221+/-0.707 χ^2/NDF: 80394.9/6

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2148.759+/-0.592 χ^2/NDF: 62107.9/9

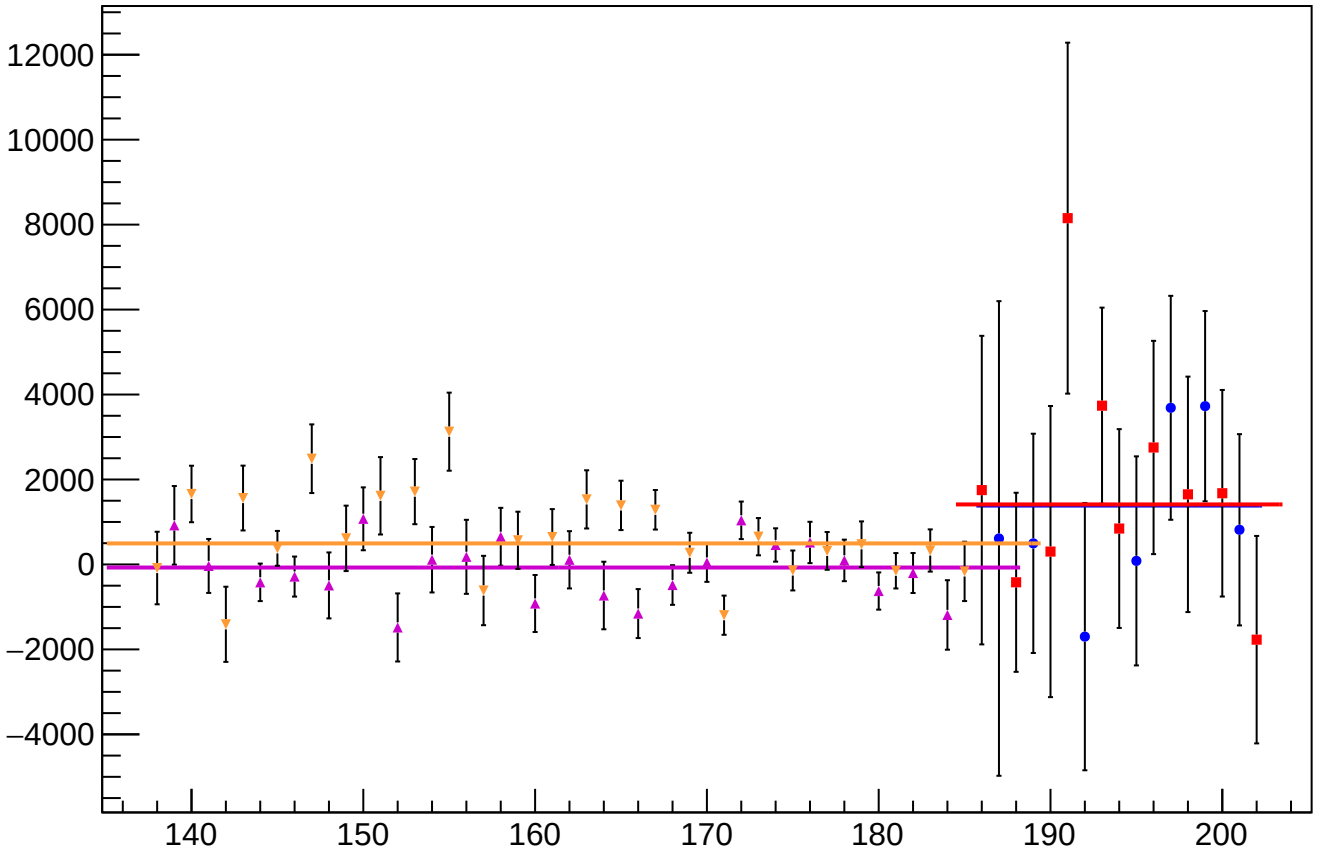
Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

+ sign 496.301+/-0.081 χ^2/NDF: 7574691.4/31

All: 501.076+/-0.058 χ^2/NDF: 17670217.4/64

- sign 505.937+/-0.082 χ^2/NDF: 10088527.6/32

asym_sam_3726_avg_mean vs Slug



Right In: 1386.556+/-1005.582 χ^2/NDF: 3.3/6

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: 1413.133+/-833.206 χ^2/NDF: 6.6/9

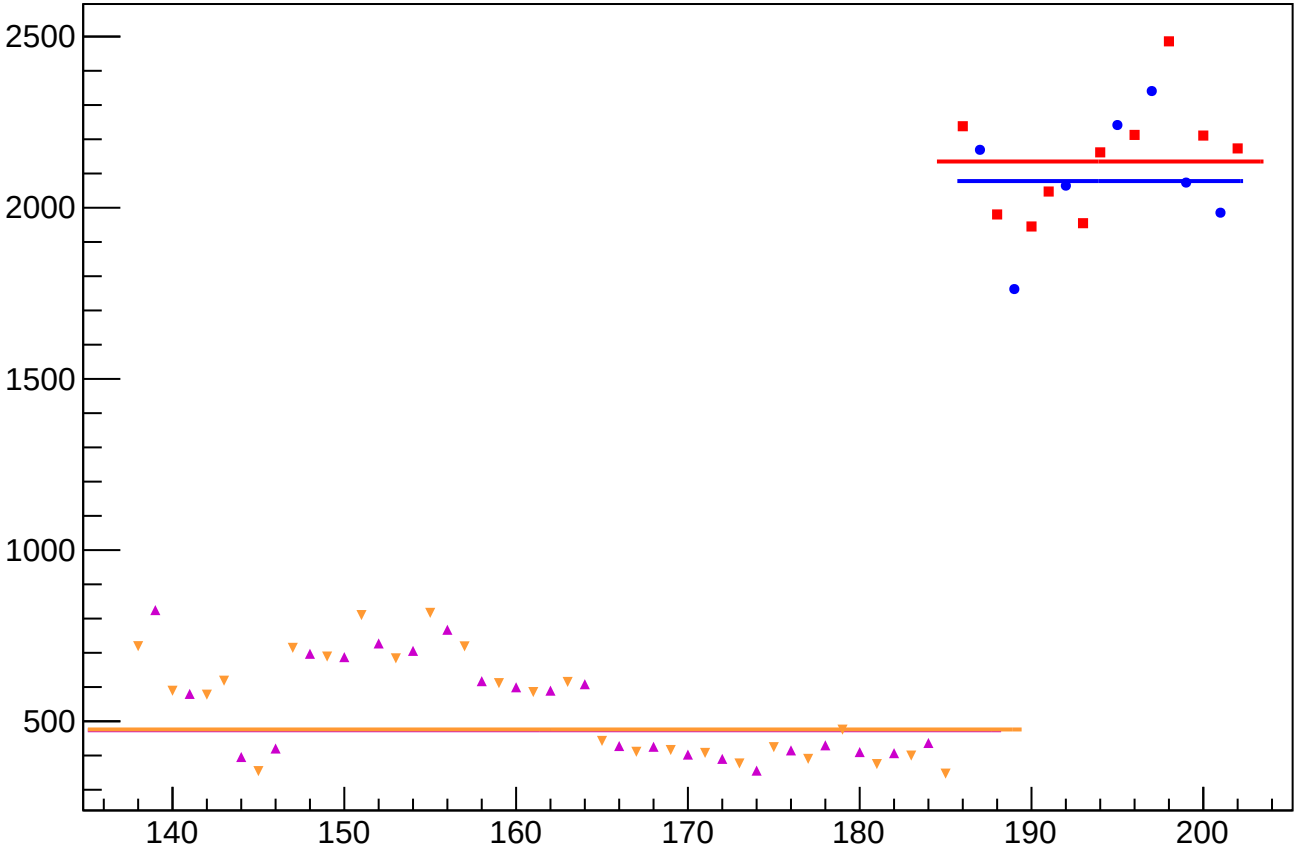
Left In: -72.627+/-116.927 χ^2/NDF:29.1/22

+ sign 506.869+/-114.767 χ^2/NDF: 61.2/31

All: 233.919+/-81.513 χ^2/NDF: 111.4/64

- sign -43.932+/-115.793 χ^2/NDF: 38.8/32

asym_sam_3726_avg_rms vs Slug



Right In: 2077.919+/-0.711 χ^2/NDF: 62570.8/6

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2135.068+/-0.589 χ^2/NDF: 68277.4/9

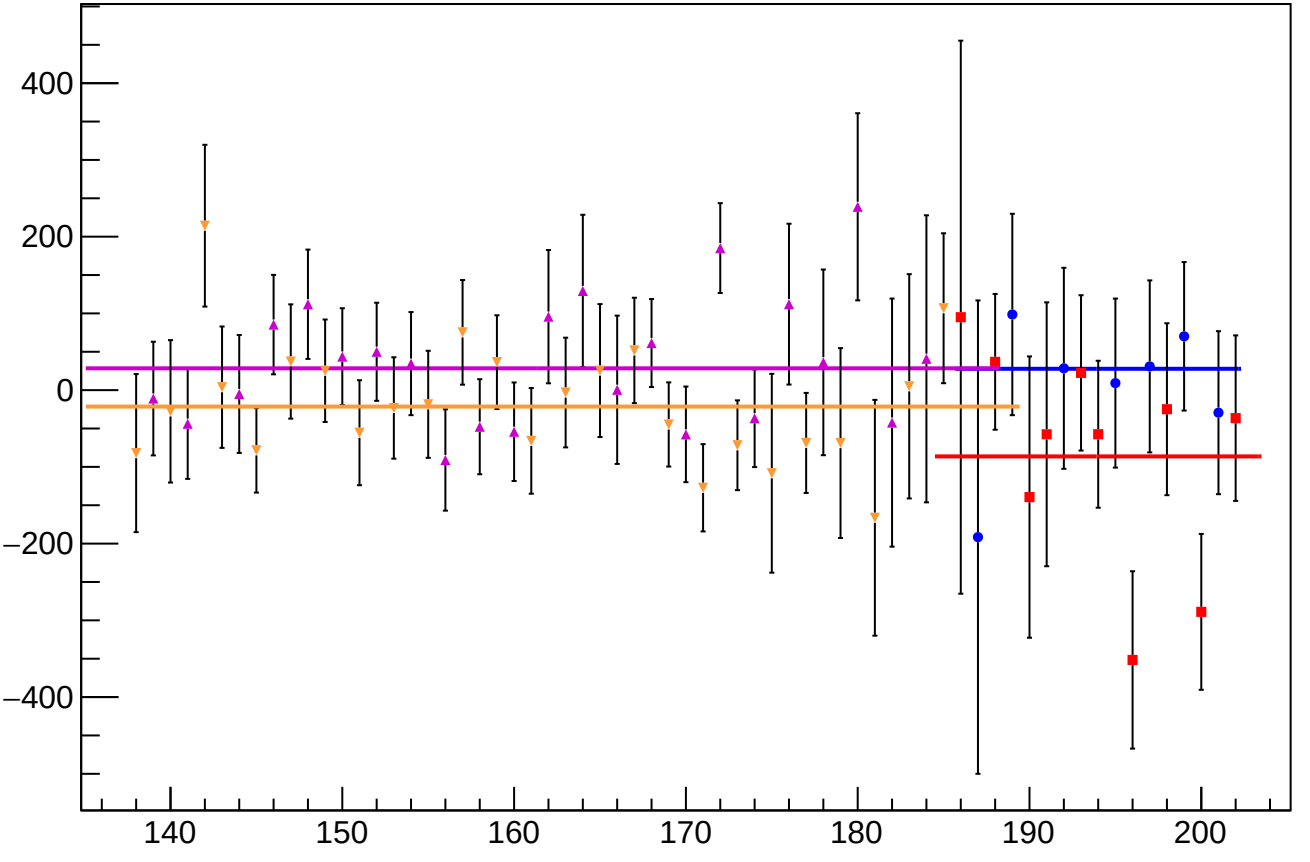
Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

+ sign 496.922+/-0.081 χ^2/NDF: 7533417.3/31

All: 501.375+/-0.058 χ^2/NDF: 17518428.5/64

- sign 505.908+/-0.082 χ^2/NDF: 9978935.3/32

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 27.824+/-45.437 χ^2/NDF: 1.3/6

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: -86.344+/-36.682 χ^2/NDF: 13.3/9

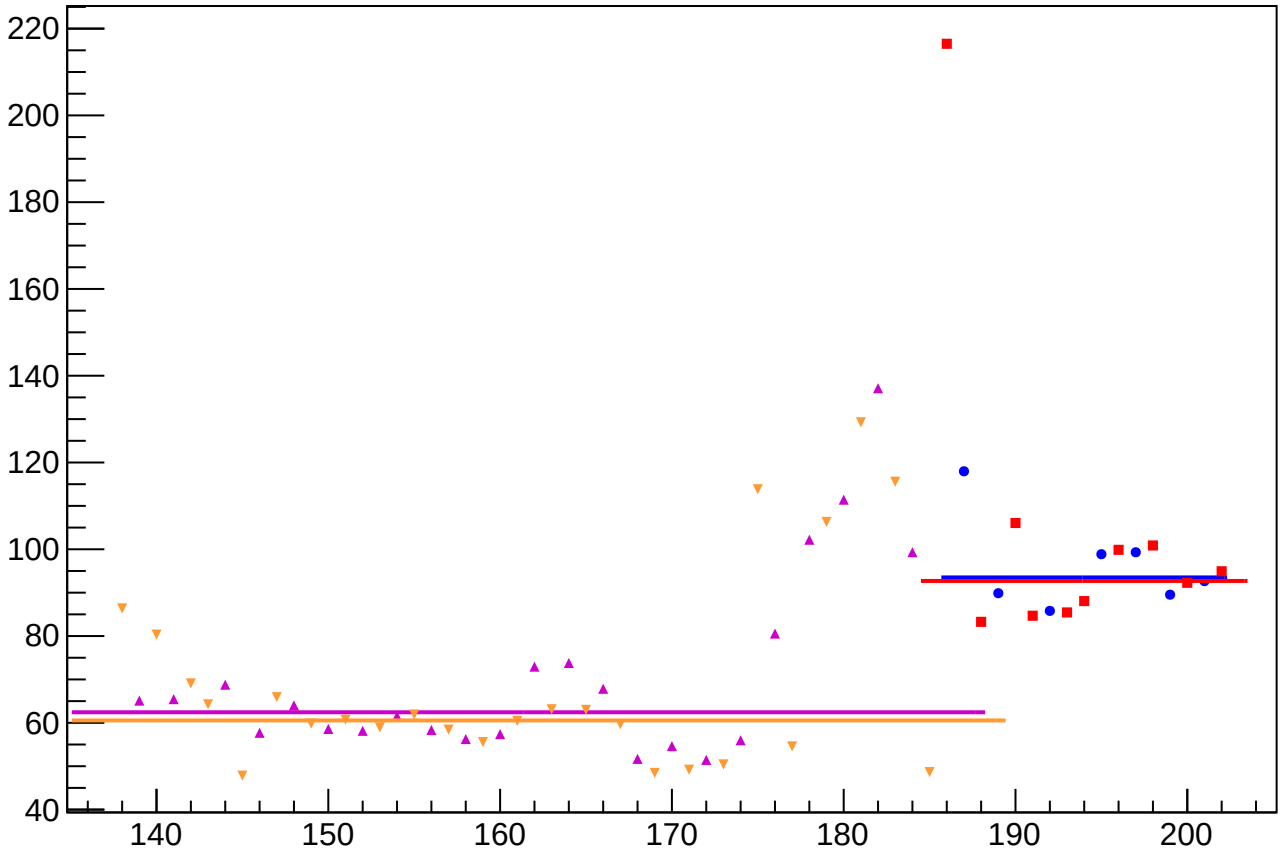
Left In: 28.435+/-15.494 χ^2/NDF:26.2/22

+ sign -16.676+/-14.072 χ^2/NDF: 23.2/31

All: -3.005+/-10.021 χ^2/NDF: 73.0/64

- sign 11.058+/-14.273 χ^2/NDF: 47.8/32

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 93.509+/-0.032 χ^2/NDF: 34626.1/6

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 92.700+/-0.026 χ^2/NDF: 307987.4/9

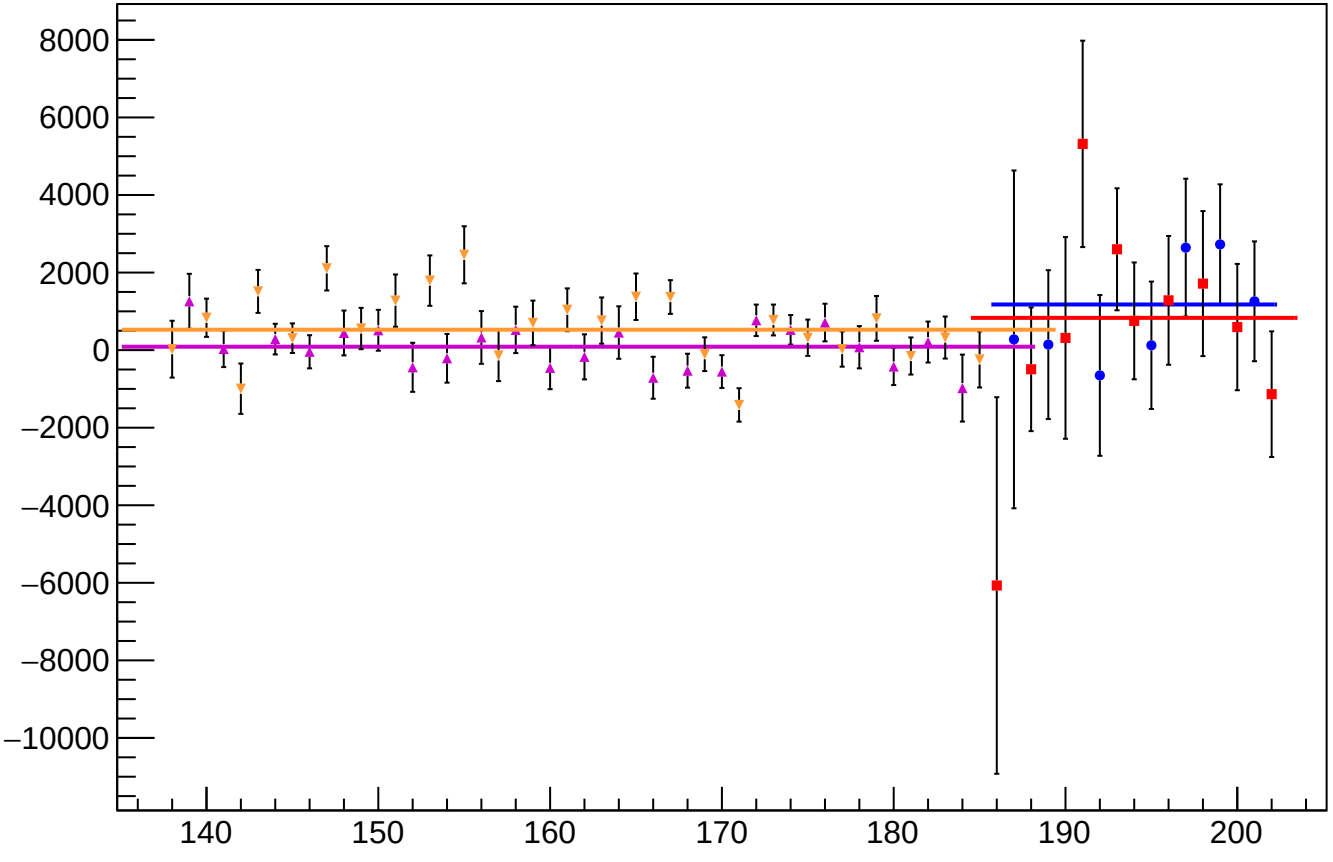
Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

+ sign 63.712+/-0.010 χ^2/NDF: 2937678.4/31

All: 65.341+/-0.007 χ^2/NDF: 5901143.1/64

- sign 67.016+/-0.010 χ^2/NDF: 2909102.1/32

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 1176.819+/-693.496 χ^2/NDF: 3.2/6

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: 831.999+/-579.633 χ^2/NDF: 8.7/9

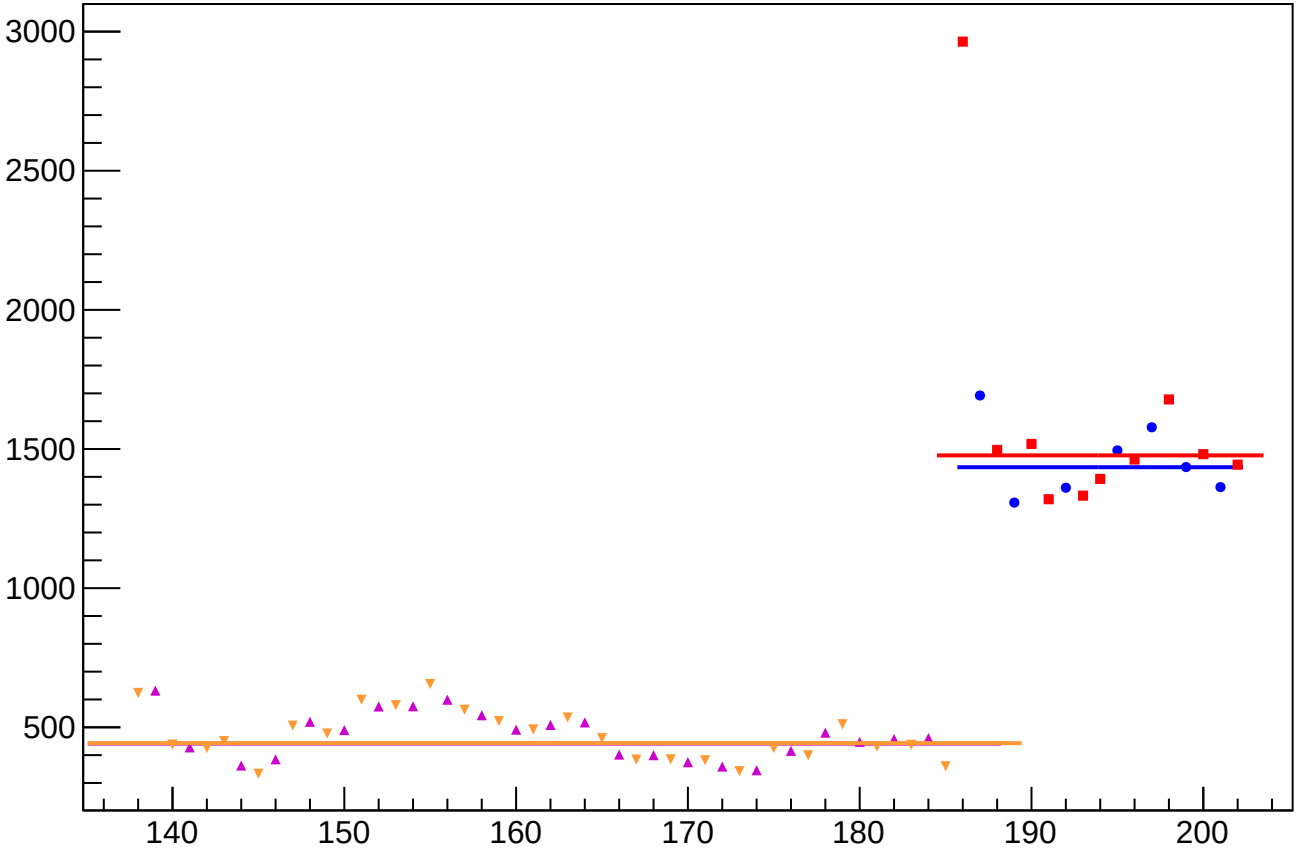
Left In: 87.989+/-106.843 χ^2/NDF:22.1/22

+ sign 541.387+/-104.217 χ^2/NDF: 69.1/31

All: 328.665+/-73.993 χ^2/NDF: 109.8/64

- sign 112.438+/-105.073 χ^2/NDF: 32.4/32

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1434.643+/-0.490 χ^2/NDF: 38326.8/6

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1477.142+/-0.410 χ^2/NDF: 242722.2/9

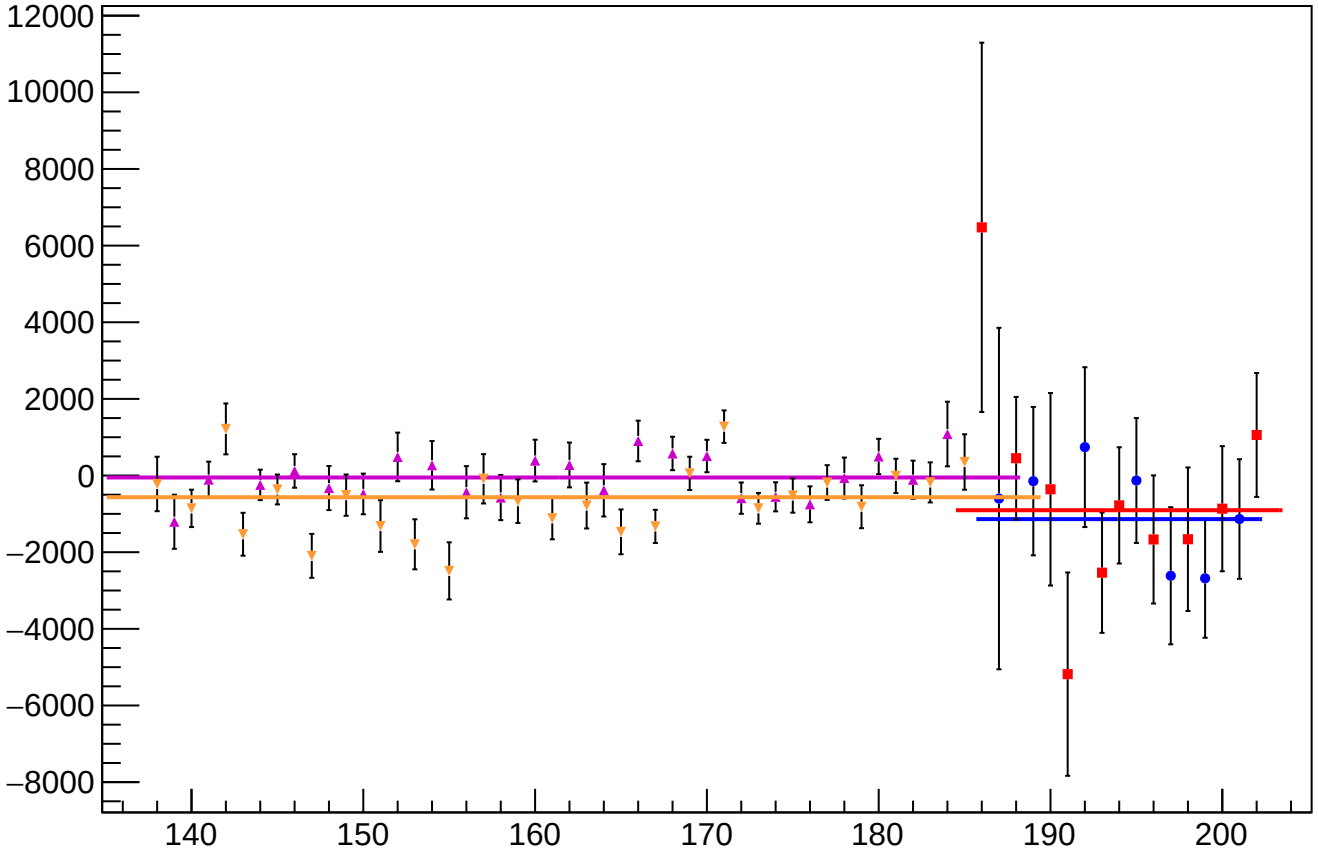
Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

+ sign 465.425+/-0.074 χ^2/NDF: 5206721.6/31

All: 470.370+/-0.052 χ^2/NDF: 12670977.3/64

- sign 475.395+/-0.074 χ^2/NDF: 7455178.9/32

asym_sam_15_48_dd_mean vs Slug



Right In: -1136.839+/-696.369 χ^2/NDF: 3.1/6

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: -905.145+/-579.636 χ^2/NDF: 8.6/9

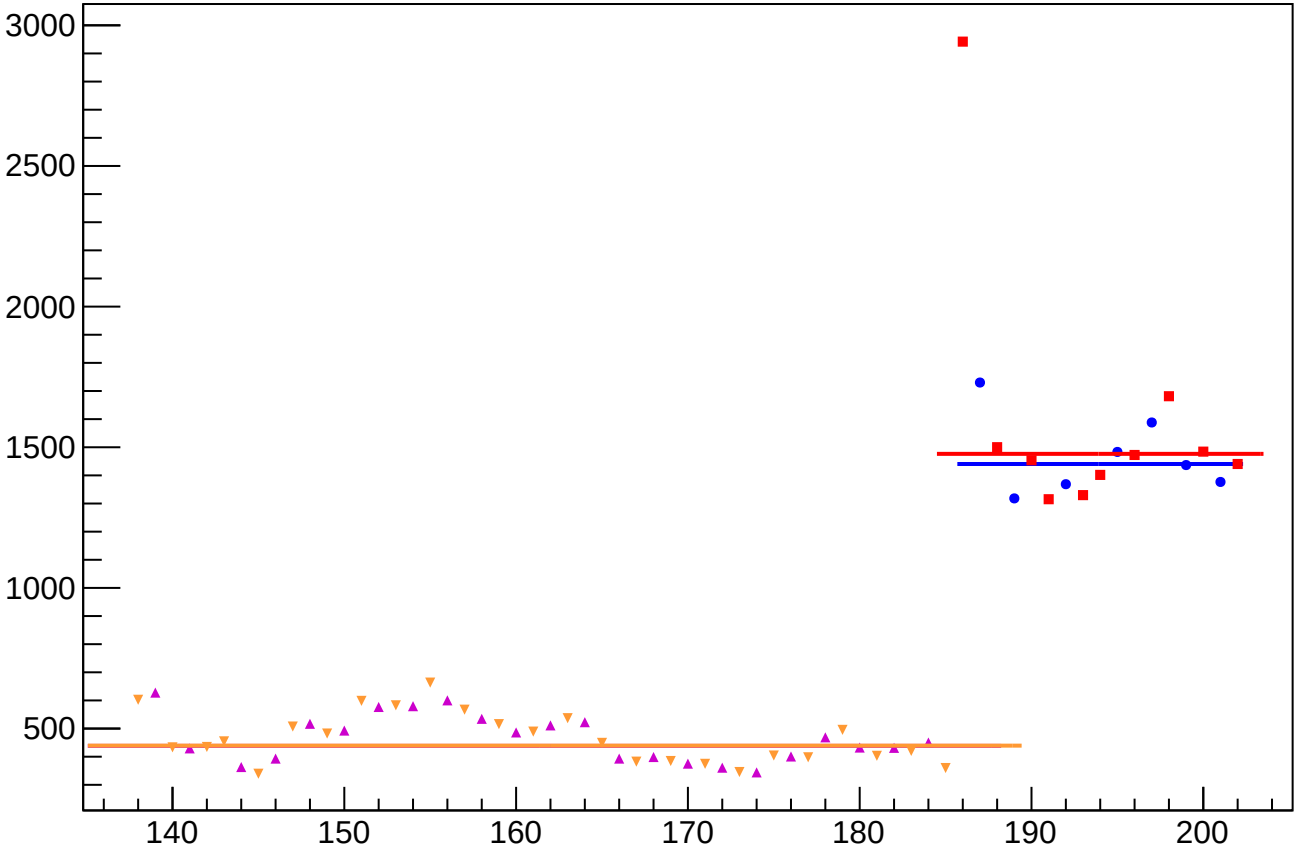
Left In: -50.387+/-106.218 χ^2/NDF:23.3/22

+ sign -578.117+/-103.304 χ^2/NDF: 66.7/31

All: -330.962+/-73.459 χ^2/NDF: 112.3/64

- sign -78.158+/-104.478 χ^2/NDF: 34.0/32

asym_sam_15_48_dd_rms vs Slug



Right In: 1440.514+/-0.492 χ^2/NDF: 37139.8/6

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1476.562+/-0.410 χ^2/NDF: 240294.6/9

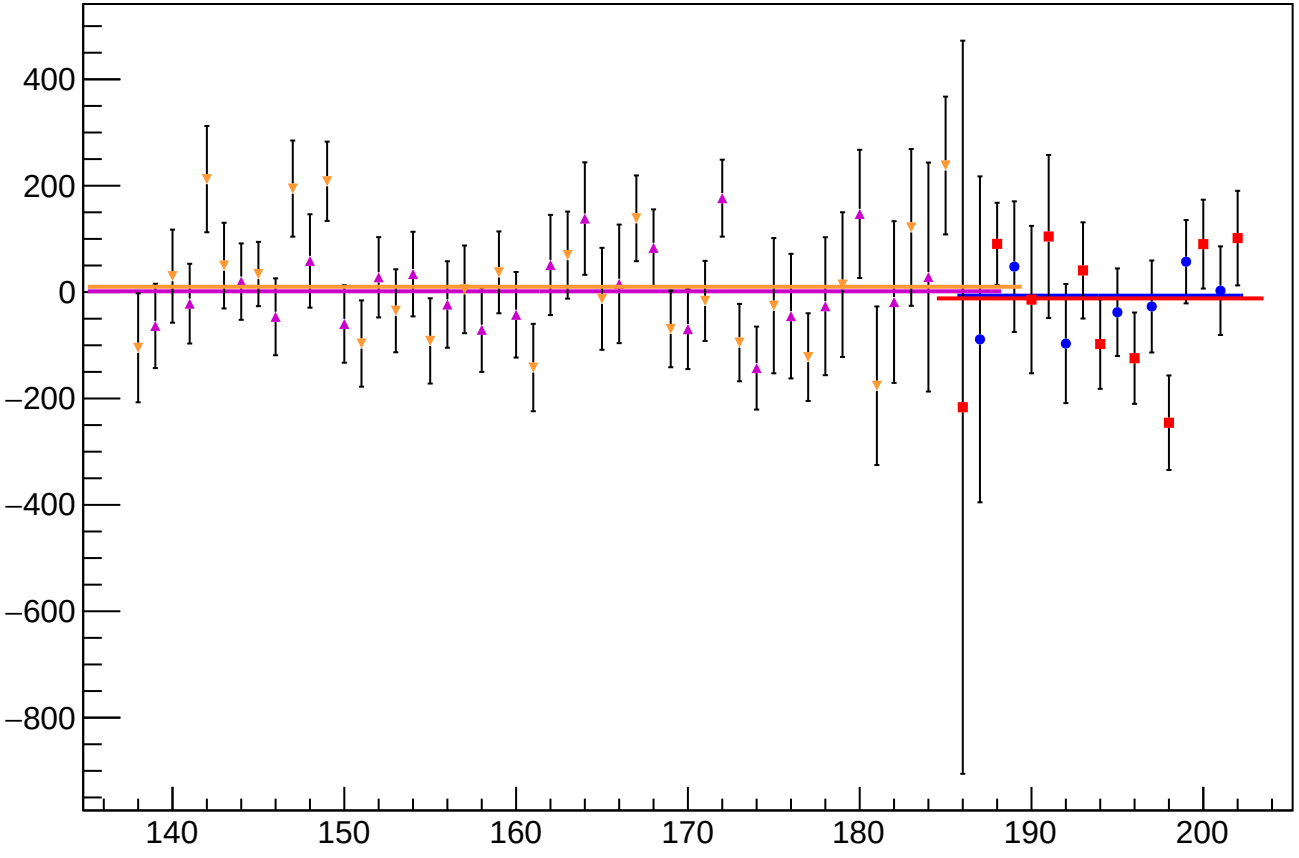
Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

+ sign 461.347+/-0.073 χ^2/NDF: 5244403.0/31

All: 466.660+/-0.052 χ^2/NDF: 12727826.6/64

- sign 472.095+/-0.074 χ^2/NDF: 7472721.6/32

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -6.723+/-36.632 χ^2/NDF: 1.8/6

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: -11.842+/-30.718 χ^2/NDF: 15.6/9

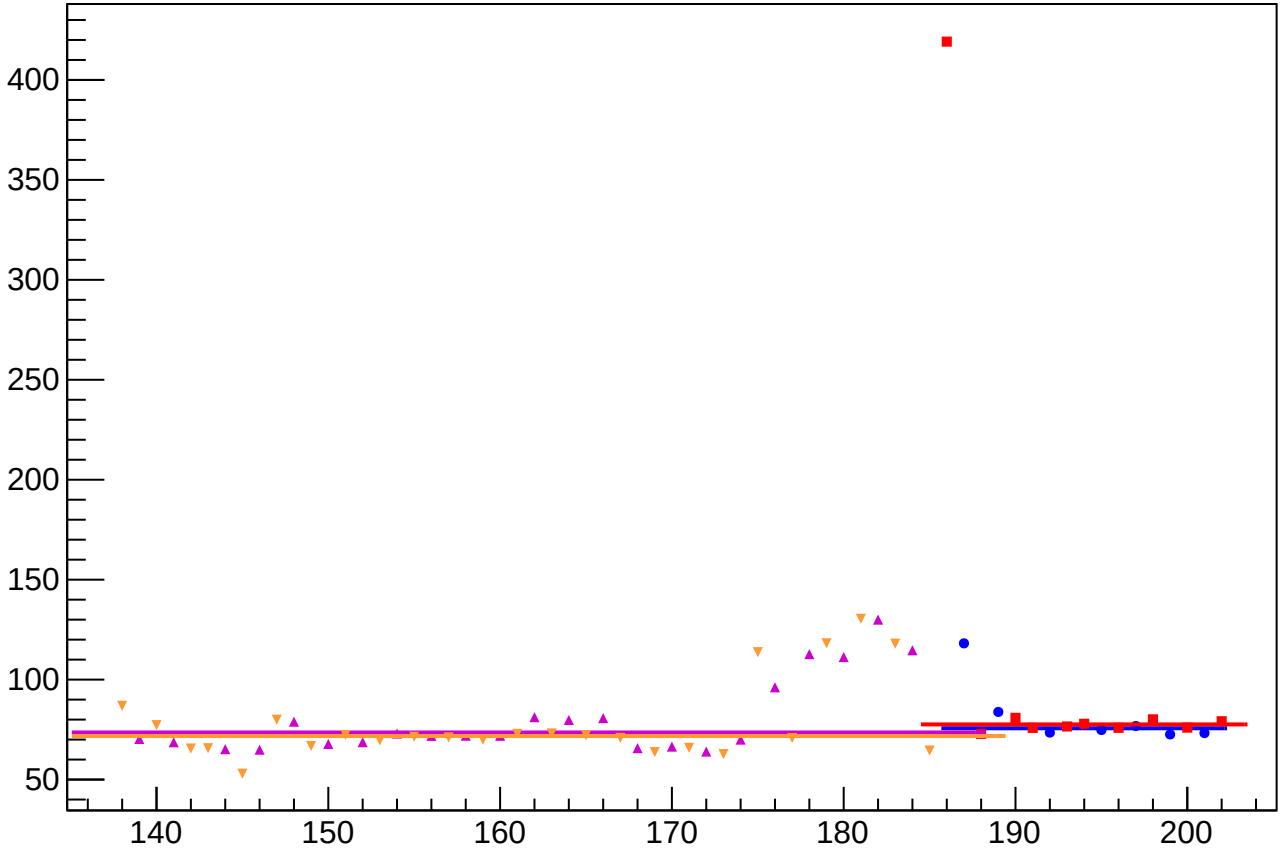
Left In: 1.434+/-17.926 χ^2/NDF:19.0/22

+ sign 7.041+/-15.574 χ^2/NDF: 40.7/31

All: 2.525+/-10.980 χ^2/NDF: 75.6/64

- sign -1.938+/-15.483 χ^2/NDF: 34.7/32

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 75.655+/-0.026 χ^2/NDF: 53410.8/6

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 77.590+/-0.022 χ^2/NDF: 504388.9/9

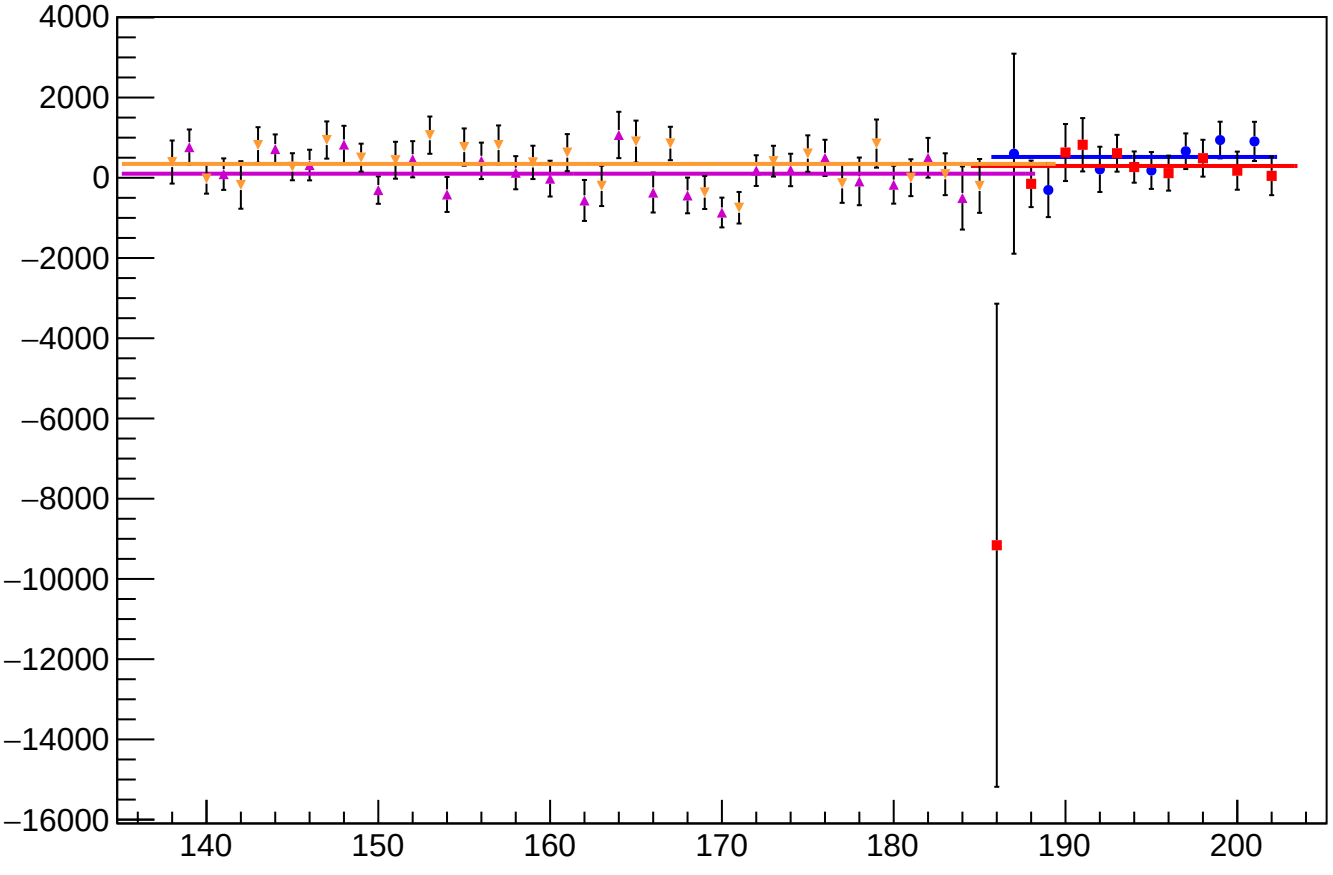
Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

+ sign 72.484+/-0.011 χ^2/NDF: 1397428.7/31

All: 73.540+/-0.008 χ^2/NDF: 2955129.2/64

- sign 74.583+/-0.011 χ^2/NDF: 1539445.4/32

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 518.835+/-203.012 χ^2/NDF: 3.9/6

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: 294.150+/-163.720 χ^2/NDF: 5.1/9

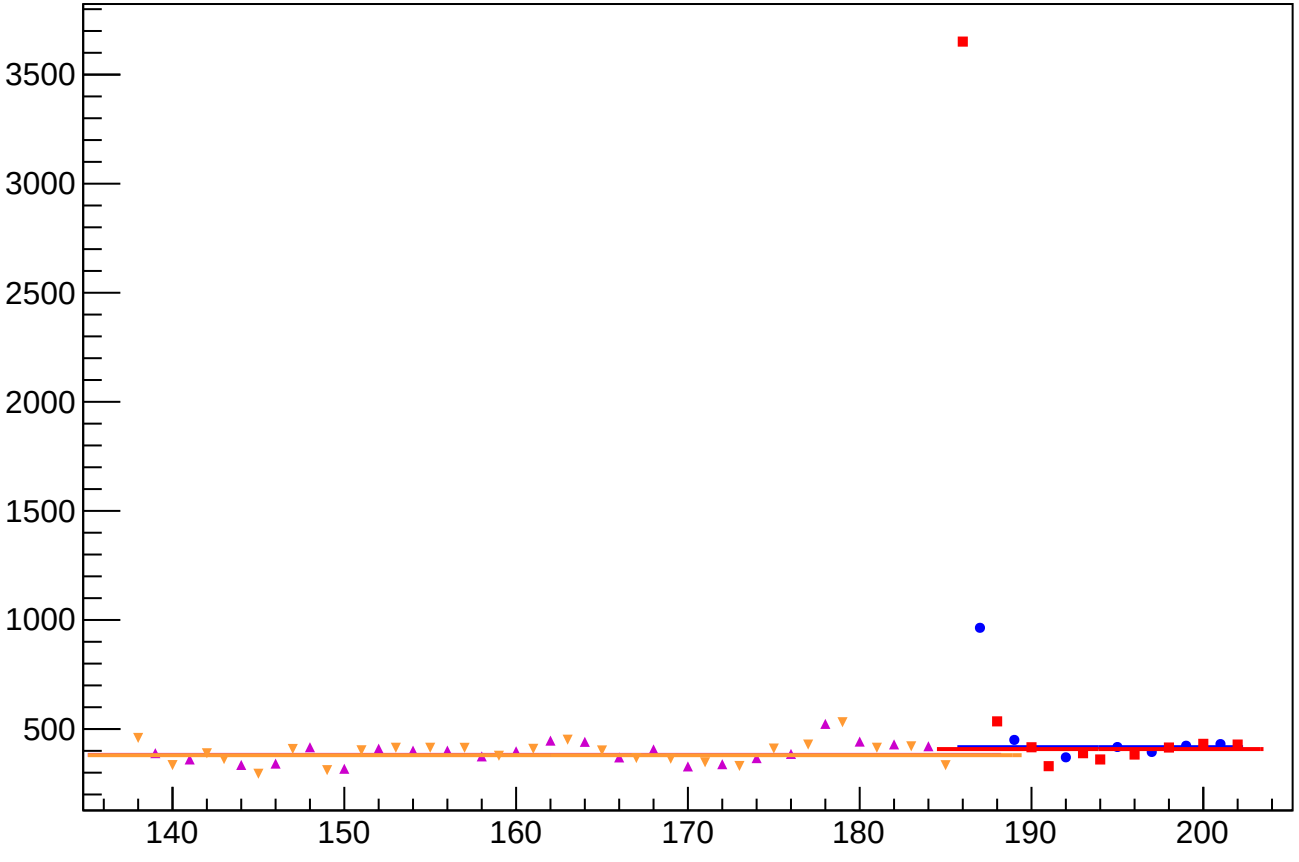
Left In: 101.648+/-91.670 χ^2/NDF:28.1/22

+ sign 373.778+/-82.168 χ^2/NDF: 31.9/31

All: 257.642+/-57.314 χ^2/NDF: 69.9/64

- sign 147.594+/-79.985 χ^2/NDF: 34.2/32

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 416.852+/-0.144 χ^2/NDF: 121841.7/6

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 408.158+/-0.116 χ^2/NDF: 753325.2/9

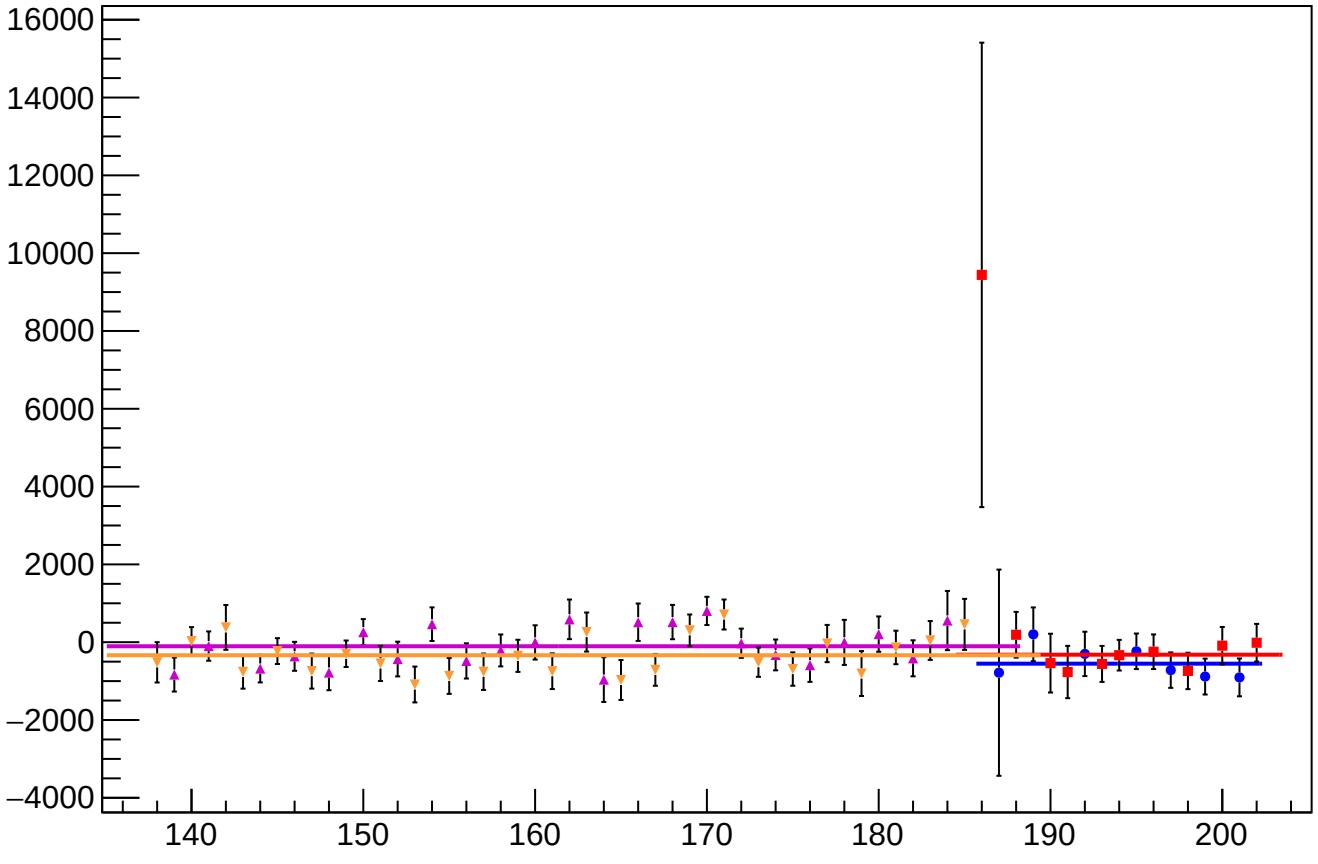
Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

+ sign 386.210+/-0.058 χ^2/NDF: 792955.6/31

All: 387.048+/-0.041 χ^2/NDF: 2048155.4/64

- sign 387.843+/-0.057 χ^2/NDF: 1254794.0/32

asym_sam_37_48_dd_mean vs Slug



Right In: -551.878+/-204.851 χ^2/NDF: 3.1/6

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: -321.322+/-166.221 χ^2/NDF: 5.7/9

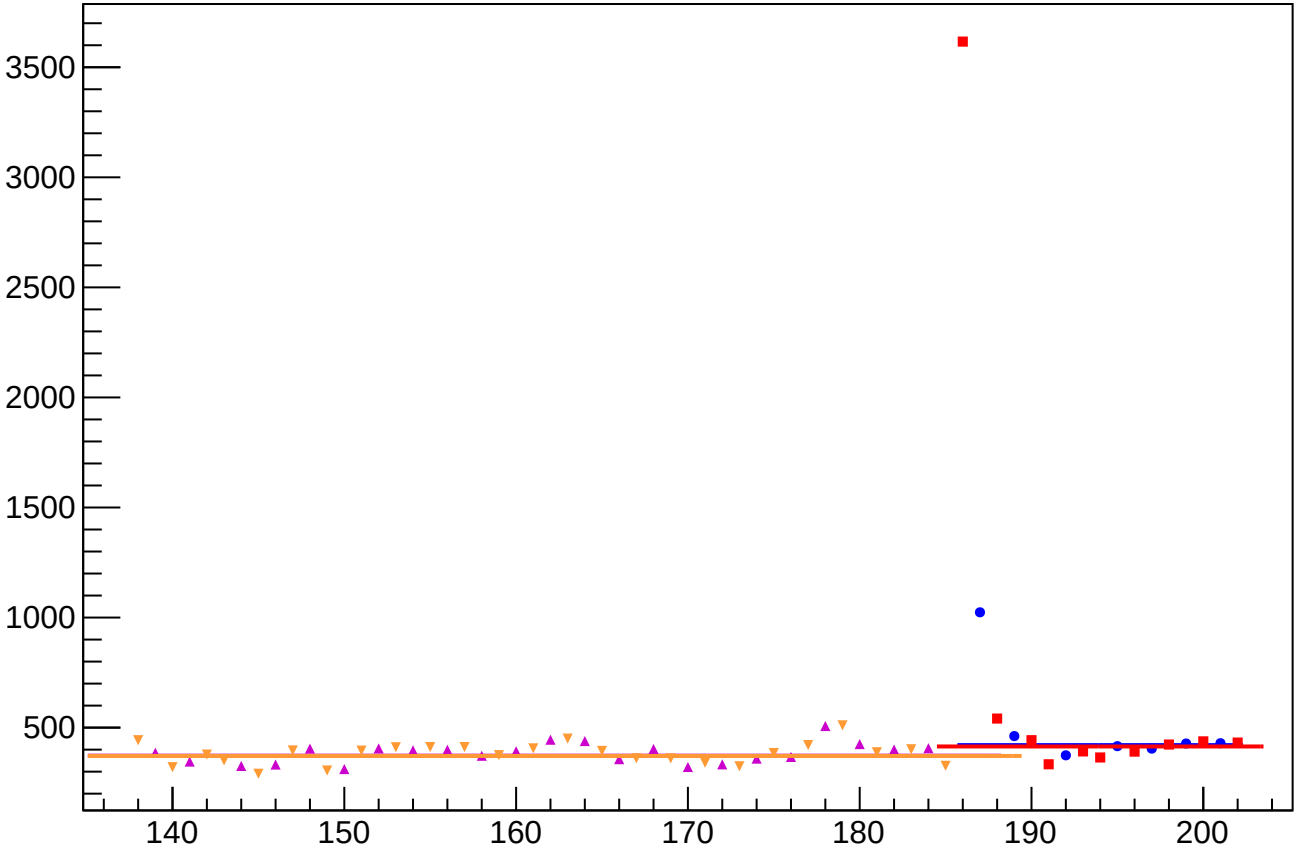
Left In: -104.117+/-89.613 χ^2/NDF:29.7/22

+ sign -368.802+/-80.627 χ^2/NDF: 32.3/31

All: -258.553+/-56.384 χ^2/NDF: 72.6/64

- sign -153.031+/-78.880 χ^2/NDF: 36.7/32

asym_sam_37_48_dd_rms vs Slug



Right In: 420.539+/-0.145 χ^2/NDF: 127664.6/6

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 414.342+/-0.118 χ^2/NDF: 750922.2/9

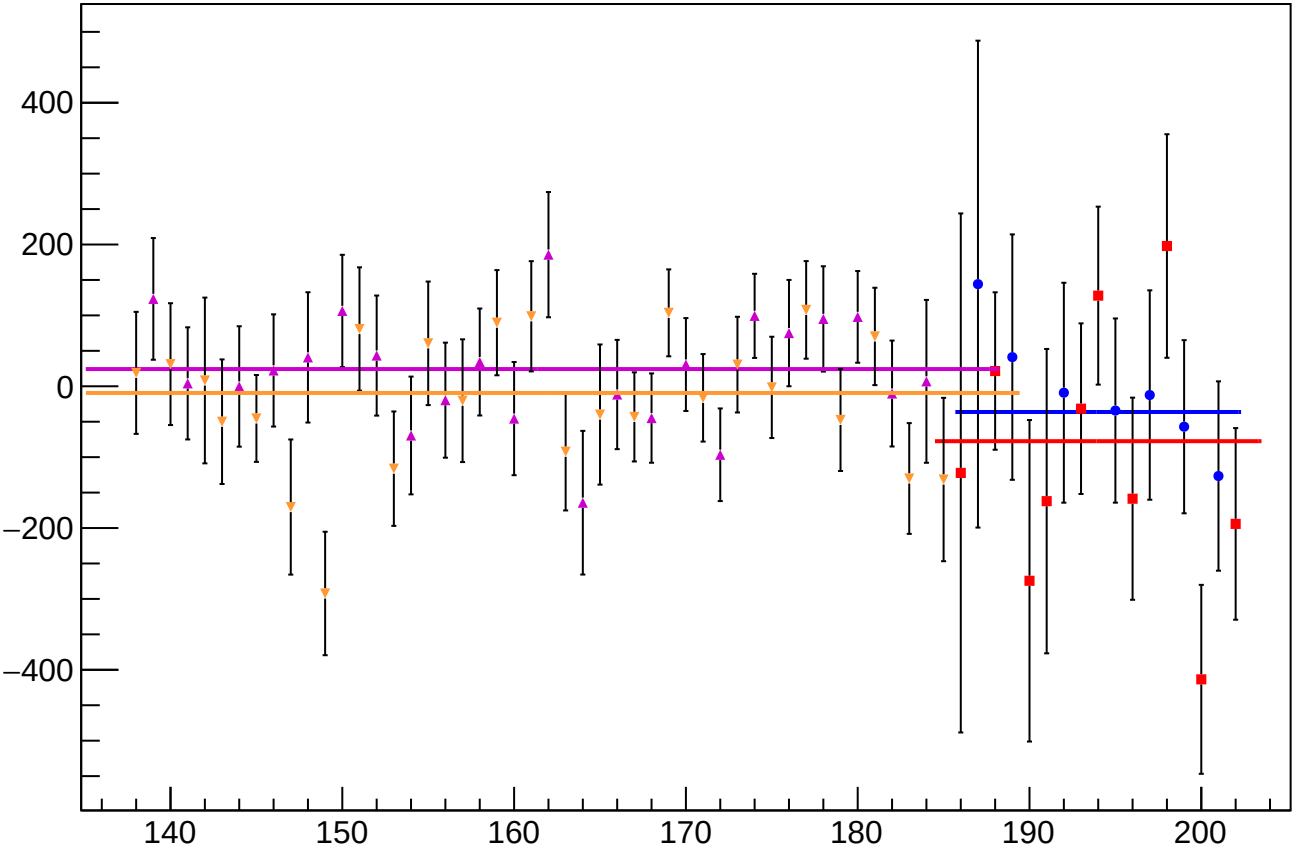
Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

+ sign 378.991+/-0.057 χ^2/NDF: 829138.8/31

All: 380.518+/-0.040 χ^2/NDF: 2143703.9/64

- sign 381.980+/-0.056 χ^2/NDF: 1313161.0/32

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -36.271+/-56.656 χ^2/NDF: 1.0/6

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: -77.469+/-46.497 χ^2/NDF: 15.0/9

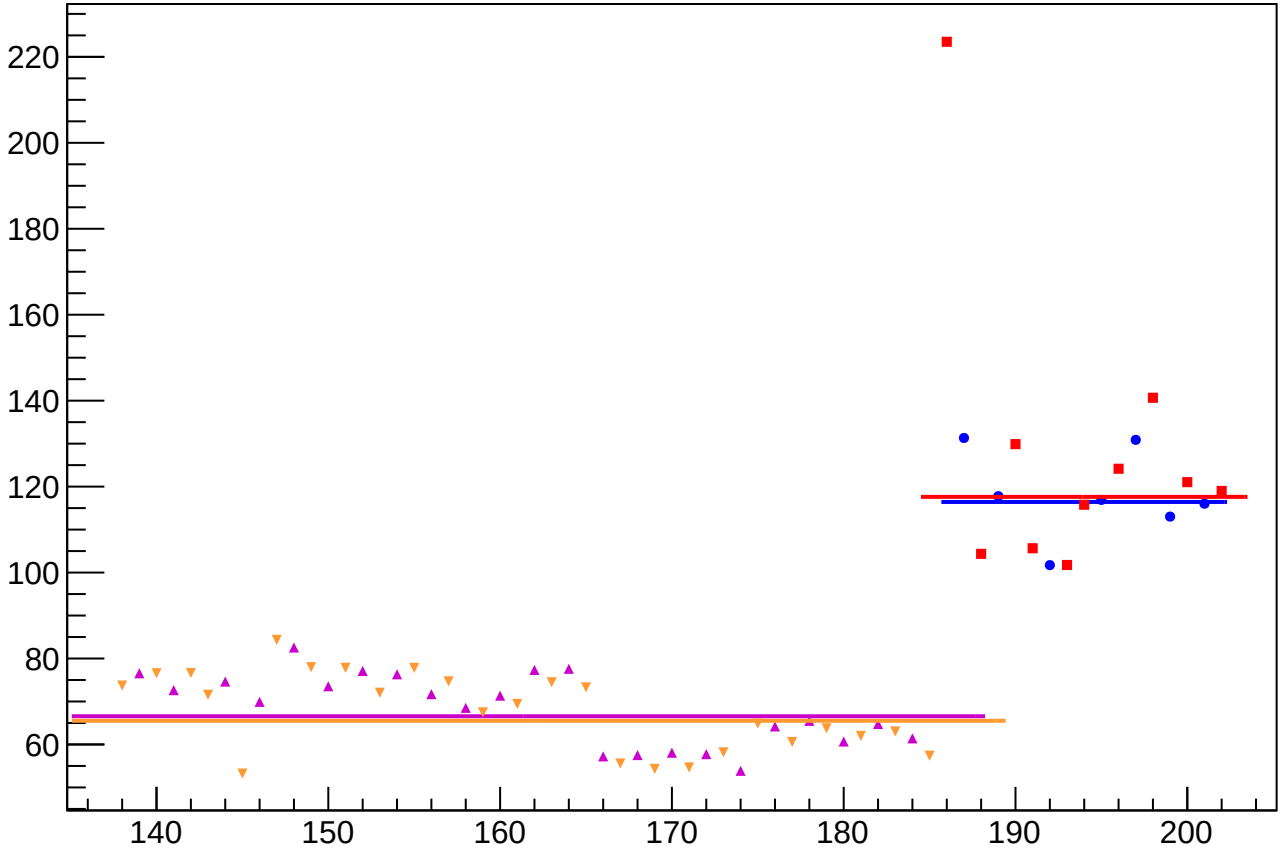
Left In: 24.293+/-16.034 χ^2/NDF:21.1/22

+ sign -11.263+/-14.925 χ^2/NDF: 35.9/31

All: 0.916+/-10.635 χ^2/NDF: 77.7/64

- sign 13.479+/-15.158 χ^2/NDF: 40.4/32

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 116.429+/-0.040 χ^2/NDF: 42586.2/6

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 117.617+/-0.033 χ^2/NDF: 291489.1/9

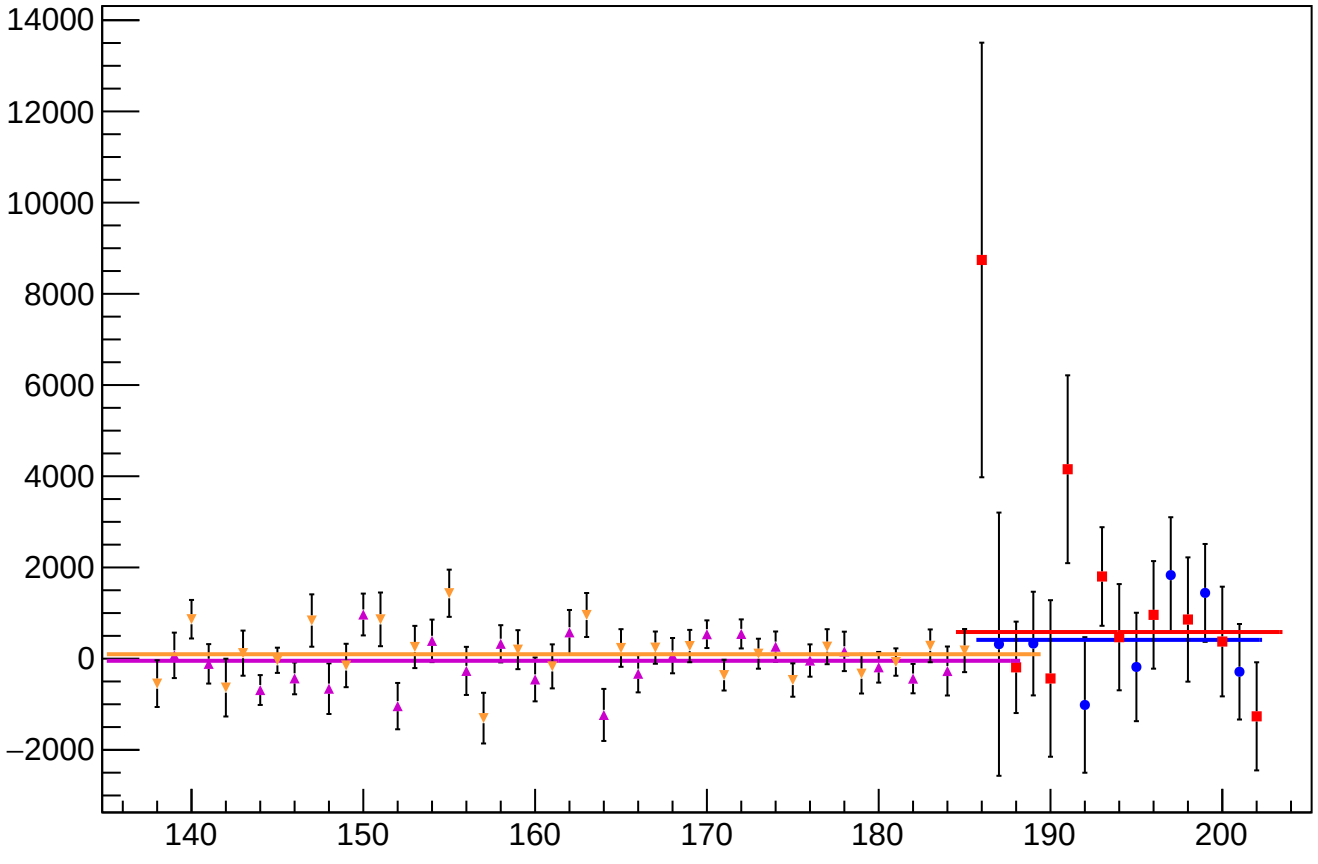
Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

+ sign 69.045+/-0.011 χ^2/NDF: 2212839.7/31

All: 70.494+/-0.008 χ^2/NDF: 5218949.1/64

- sign 71.989+/-0.011 χ^2/NDF: 2967797.3/32

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 411.930+/-473.705 χ^2/NDF: 3.8/6

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: 584.293+/-412.799 χ^2/NDF: 10.8/9

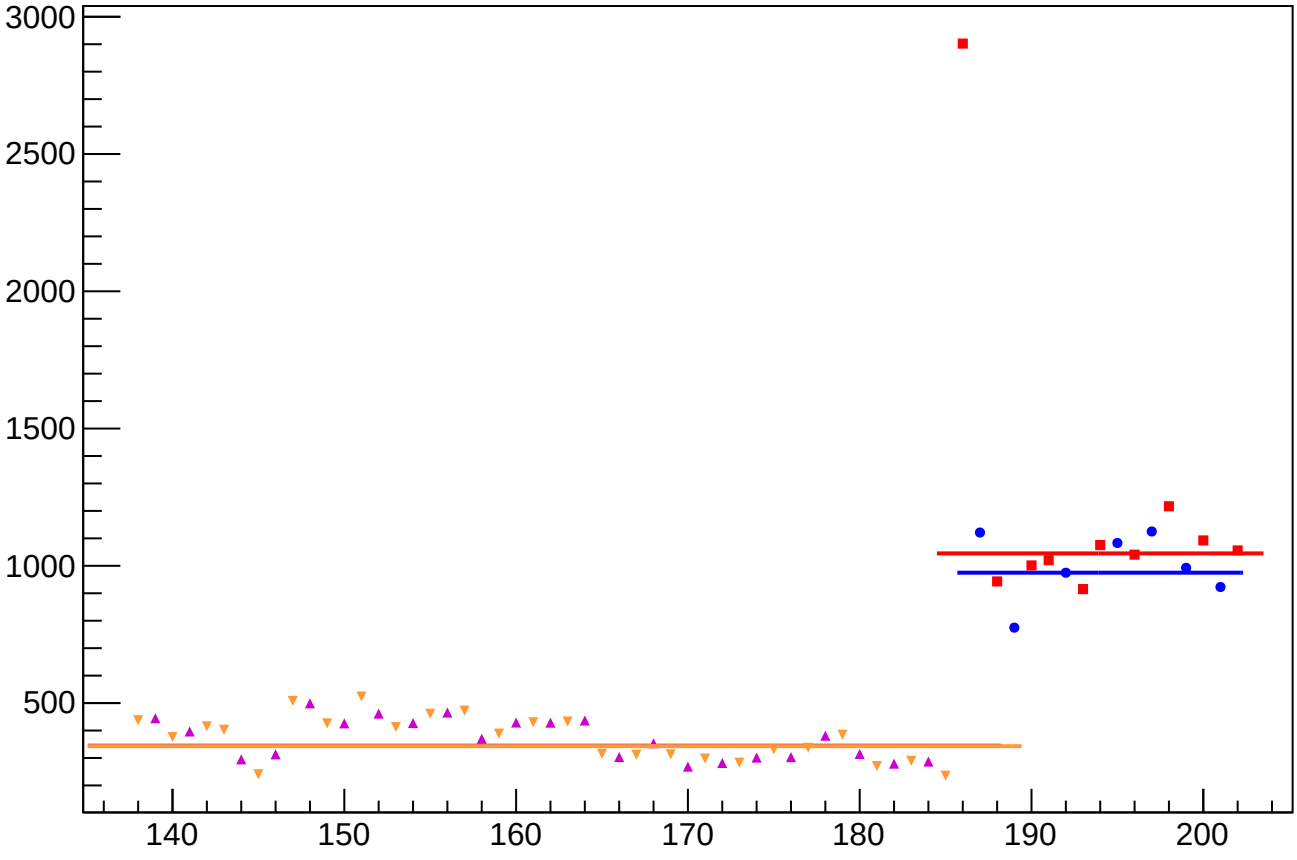
Left In: -46.660+/-83.857 χ^2/NDF:34.2/22

+ sign 106.622+/-81.026 χ^2/NDF: 37.5/31

All: 43.390+/-57.697 χ^2/NDF: 86.0/64

- sign -21.654+/-82.179 χ^2/NDF: 47.2/32

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 974.945+/-0.335 χ^2/NDF: 117300.5/6

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 1045.245+/-0.292 χ^2/NDF: 391378.8/9

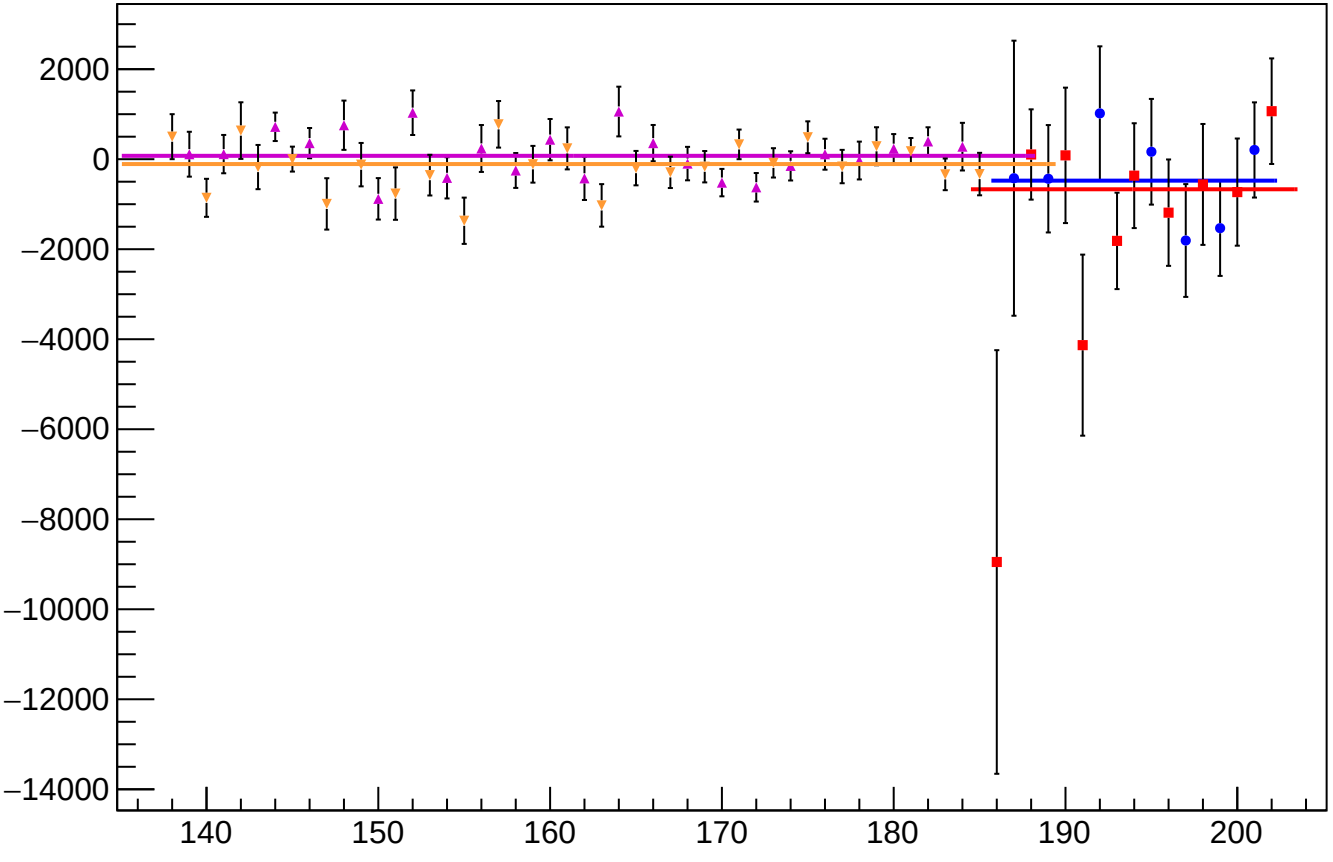
Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

+ sign 361.484+/-0.057 χ^2/NDF: 5237692.2/31

All: 366.952+/-0.041 χ^2/NDF: 12441976.4/64

- sign 372.577+/-0.058 χ^2/NDF: 7185805.6/32

asym_sam_15_26_dd_mean vs Slug



Right In: -476.402+/-476.516 χ^2/NDF: 3.8/6

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: -668.471+/-406.941 χ^2/NDF: 10.5/9

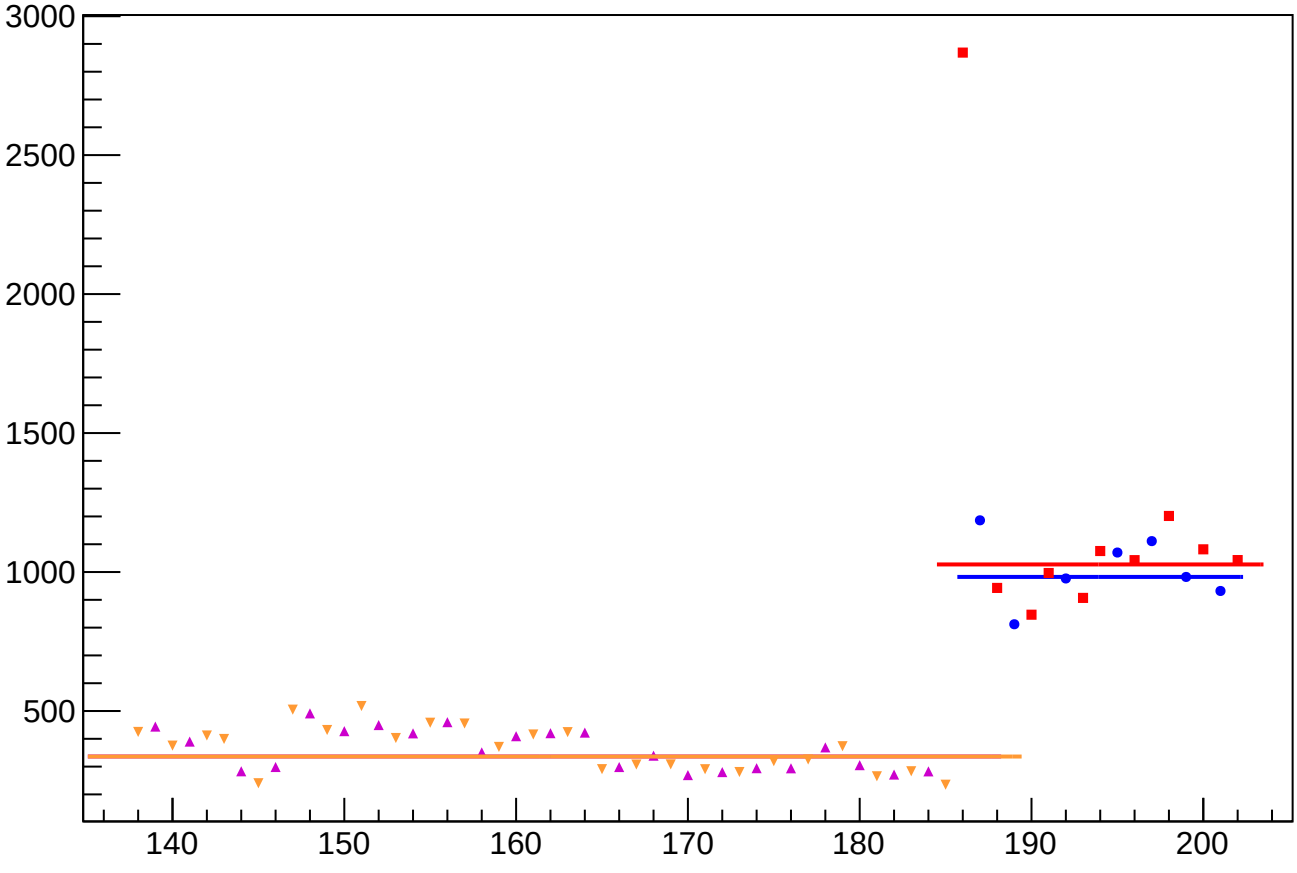
Left In: 74.986+/-81.949 χ^2/NDF:32.7/22

+ sign -118.277+/-79.451 χ^2/NDF: 35.3/31

All: -37.043+/-56.491 χ^2/NDF: 83.8/64

- sign 46.011+/-80.337 χ^2/NDF: 46.4/32

asym_sam_15_26_dd_rms vs Slug



Right In: 982.436+/-0.337 χ^2/NDF: 86519.9/6

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 1027.307+/-0.288 χ^2/NDF: 417022.0/9

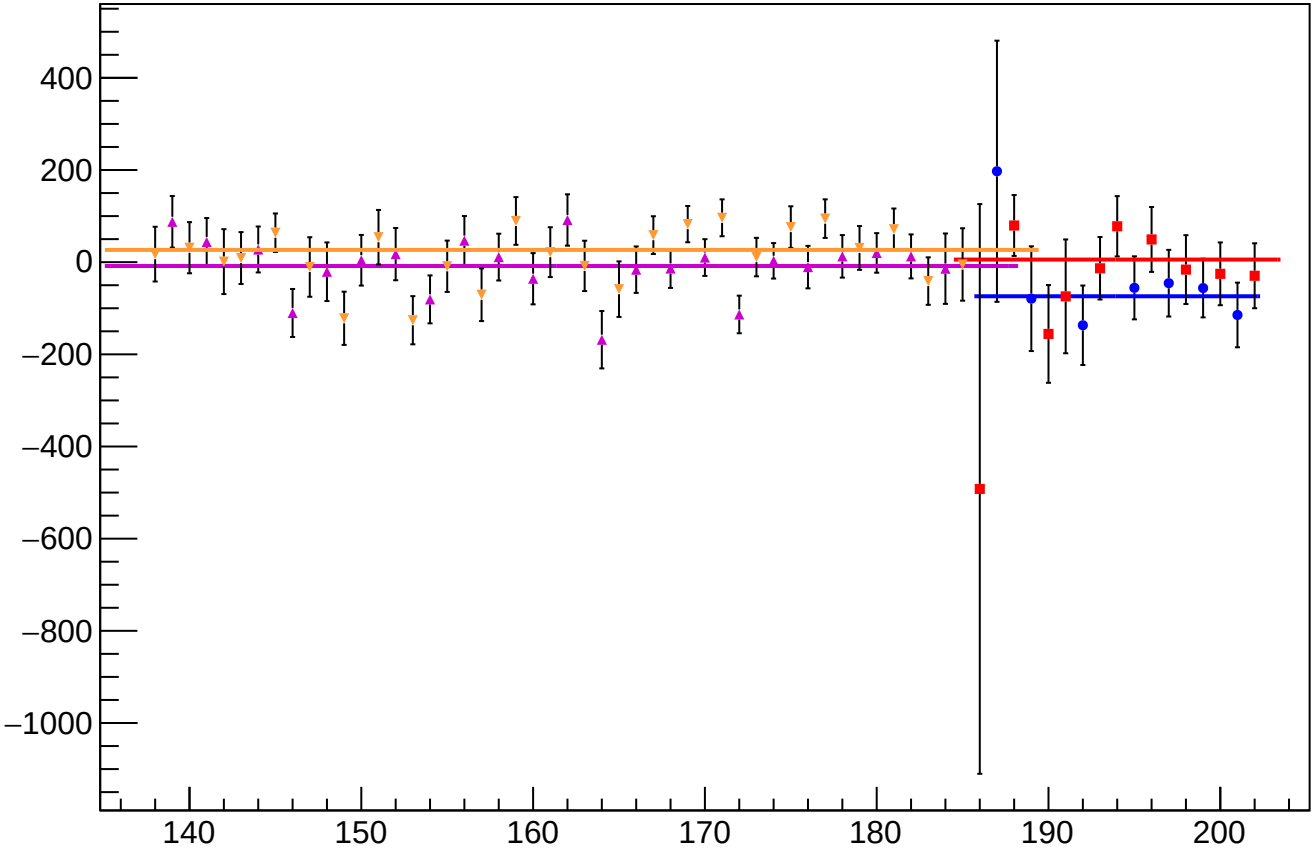
Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

+ sign 354.196+/-0.056 χ^2/NDF: 5321997.4/31

All: 358.709+/-0.040 χ^2/NDF: 12562126.9/64

- sign 363.323+/-0.057 χ^2/NDF: 7227079.3/32

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -73.979+/-30.437 χ^2/NDF: 2.1/6

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: 5.660+/-24.729 χ^2/NDF: 6.9/9

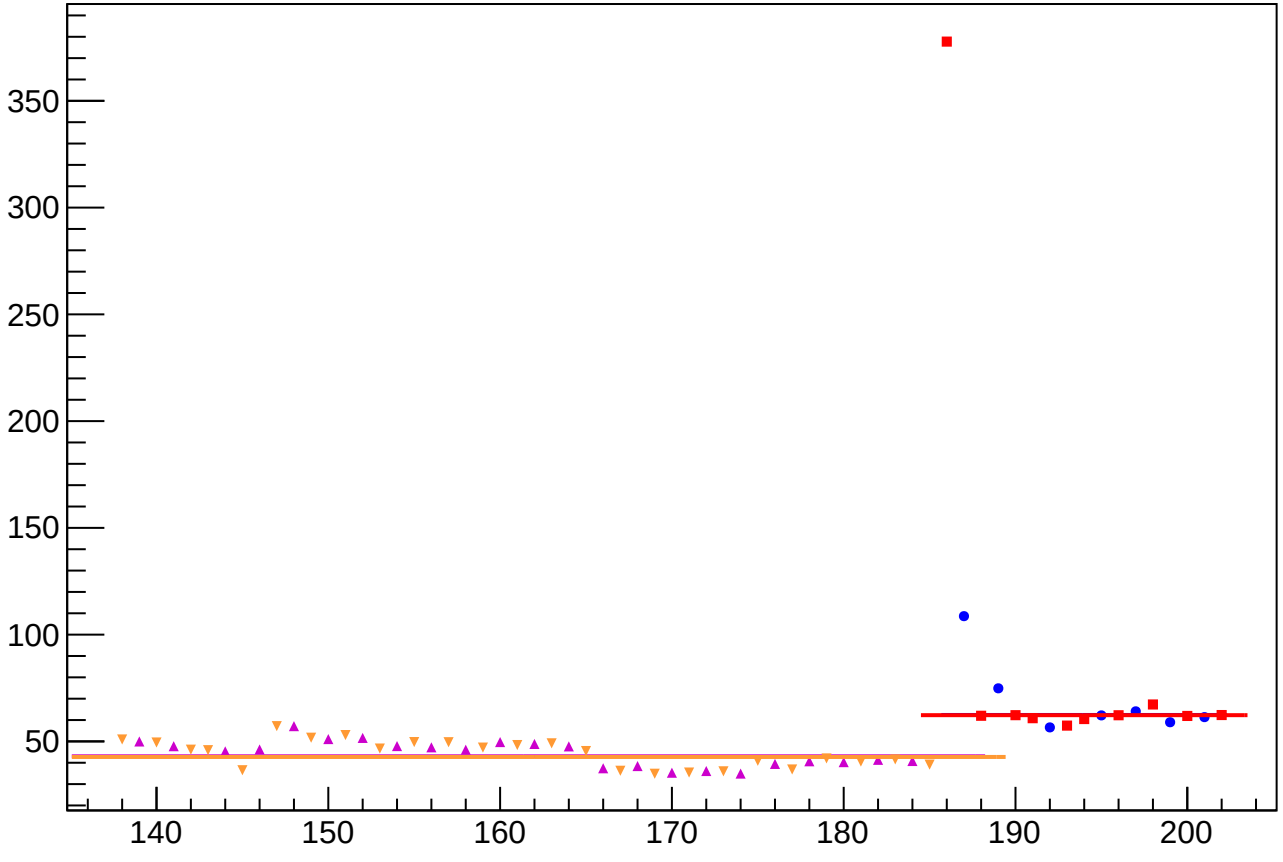
Left In: -8.325+/-10.361 χ^2/NDF:29.6/22

+ sign 16.670+/-9.578 χ^2/NDF: 48.4/31

All: 5.191+/-6.765 χ^2/NDF: 88.0/64

- sign -6.237+/-9.556 χ^2/NDF: 36.7/32

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 62.373+/-0.022 χ^2/NDF: 93848.8/6

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 62.284+/-0.017 χ^2/NDF: 542159.5/9

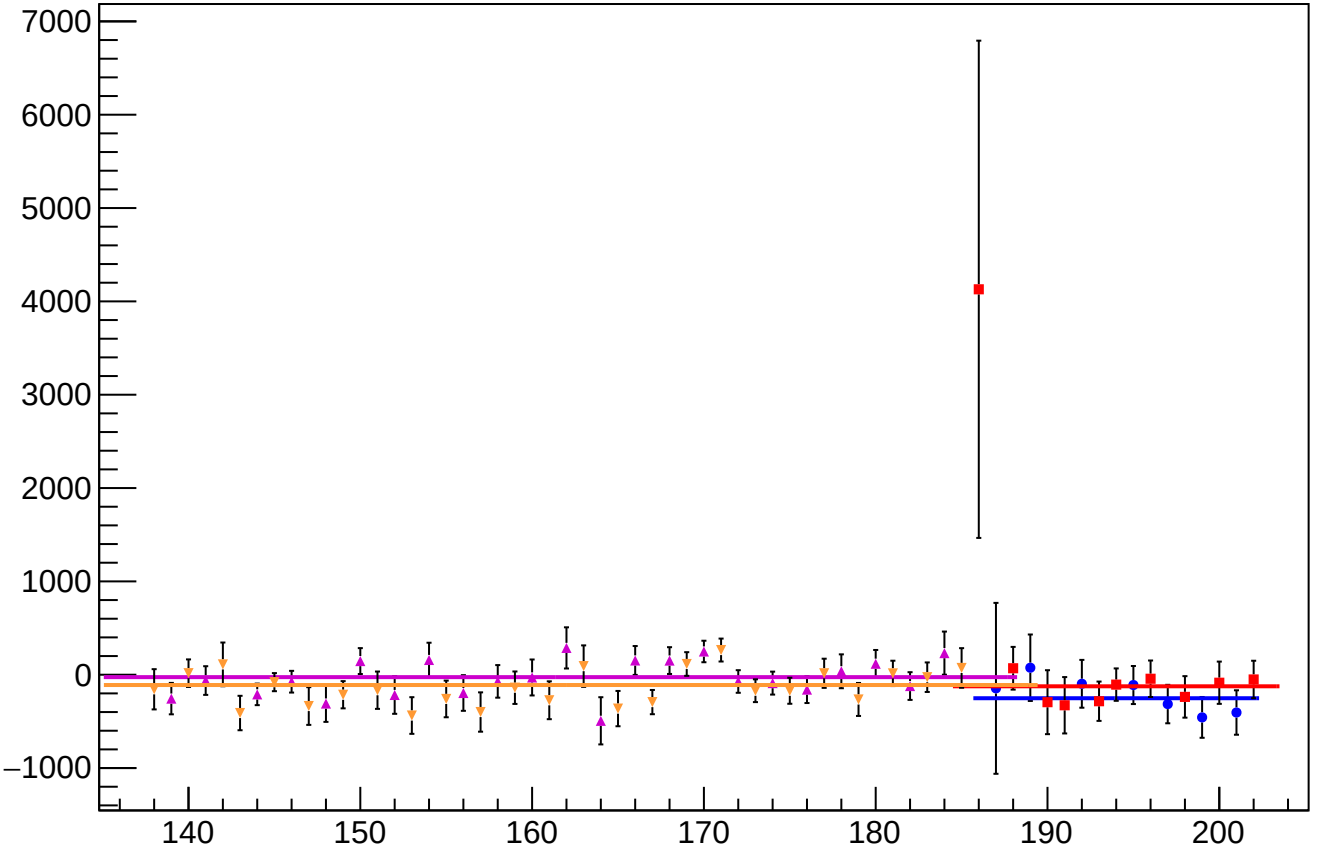
Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

+ sign 44.662+/-0.007 χ^2/NDF: 1616992.2/31

All: 45.281+/-0.005 χ^2/NDF: 3850798.2/64

- sign 45.898+/-0.007 χ^2/NDF: 2217125.4/32

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -251.842+/-95.125 χ^2/NDF: 3.1/6

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: -124.035+/-73.461 χ^2/NDF: 5.1/9

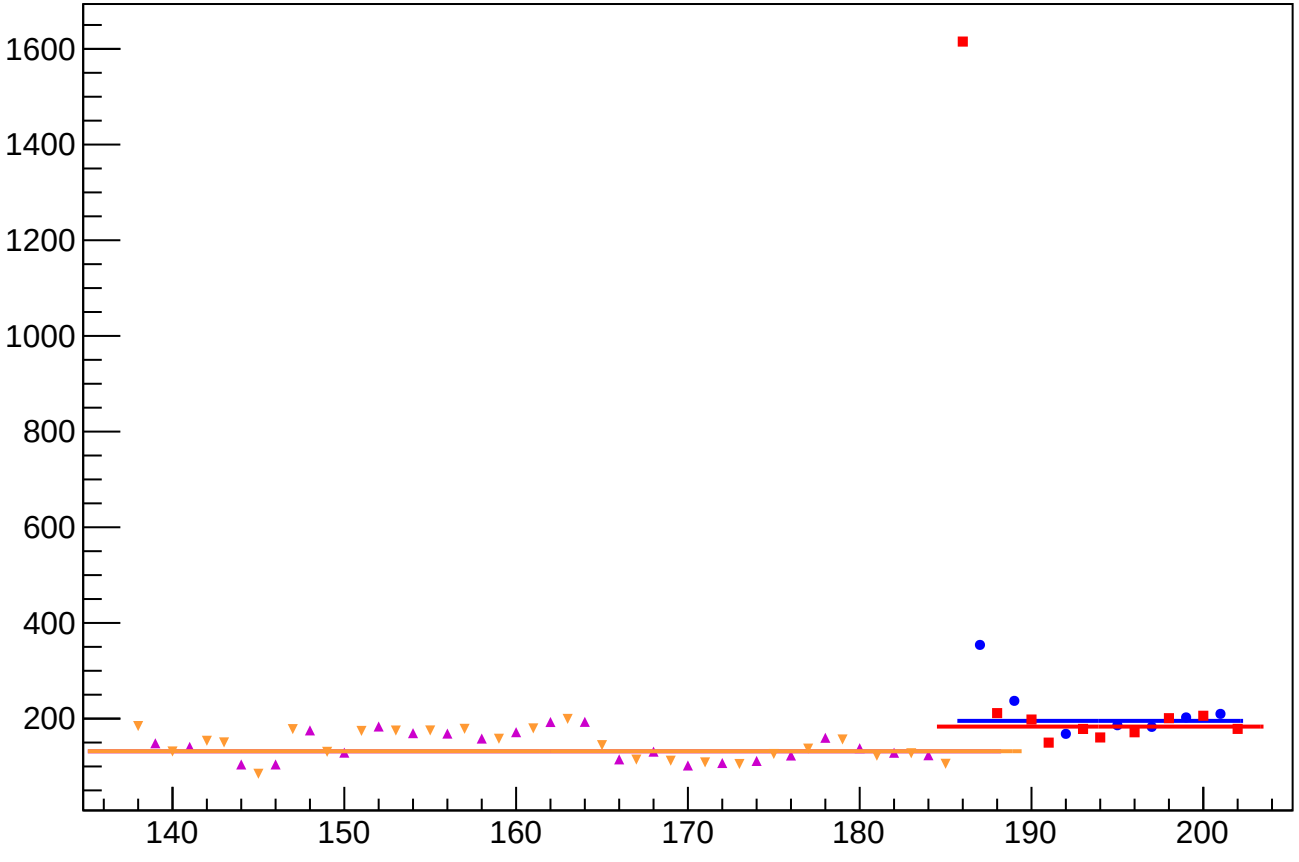
Left In: -25.828+/-32.100 χ^2/NDF:29.0/22

+ sign -124.497+/-30.089 χ^2/NDF: 38.0/31

All: -82.095+/-21.033 χ^2/NDF: 77.6/64

- sign -41.573+/-29.414 χ^2/NDF: 35.7/32

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 195.296+/-0.067 χ^2/NDF: 131494.5/6

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 183.336+/-0.052 χ^2/NDF: 712891.5/9

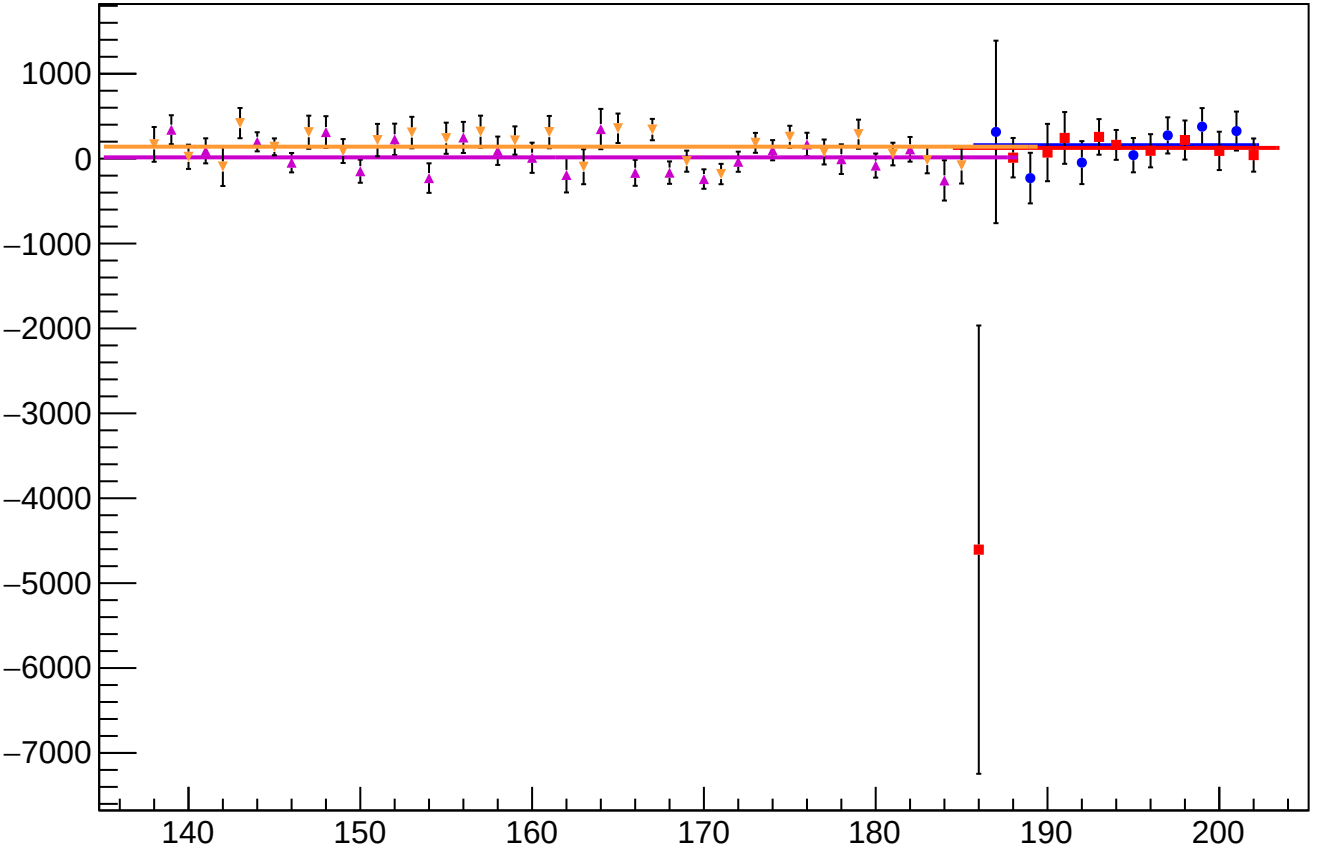
Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

+ sign 138.220+/-0.021 χ^2/NDF: 2737957.6/31

All: 139.089+/-0.015 χ^2/NDF: 5689797.7/64

- sign 139.919+/-0.021 χ^2/NDF: 2948577.5/32

asym_sam_37_26_dd_mean vs Slug



Right In: 158.158+/-93.578 χ^2/NDF: 4.5/6

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: 126.748+/-73.712 χ^2/NDF: 4.5/9

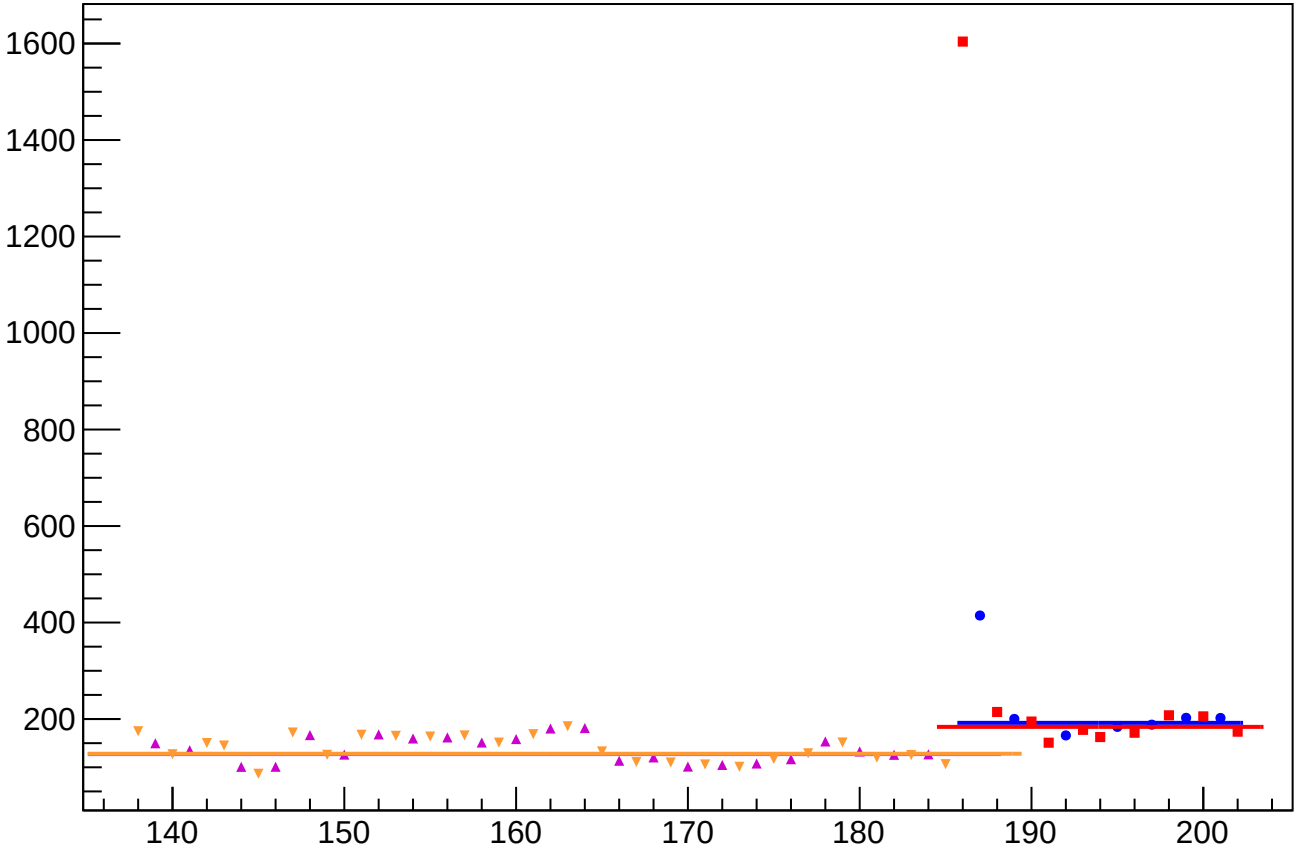
Left In: 15.199+/-31.033 χ^2/NDF:31.4/22

+ sign 142.668+/-29.115 χ^2/NDF: 31.7/31

All: 86.346+/-20.404 χ^2/NDF: 76.8/64

- sign 31.993+/-28.602 χ^2/NDF: 37.8/32

asym_sam_37_26_dd_rms vs Slug



Right In: 192.103+/-0.066 χ^2/NDF: 120805.0/6

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 183.771+/-0.052 χ^2/NDF: 722887.1/9

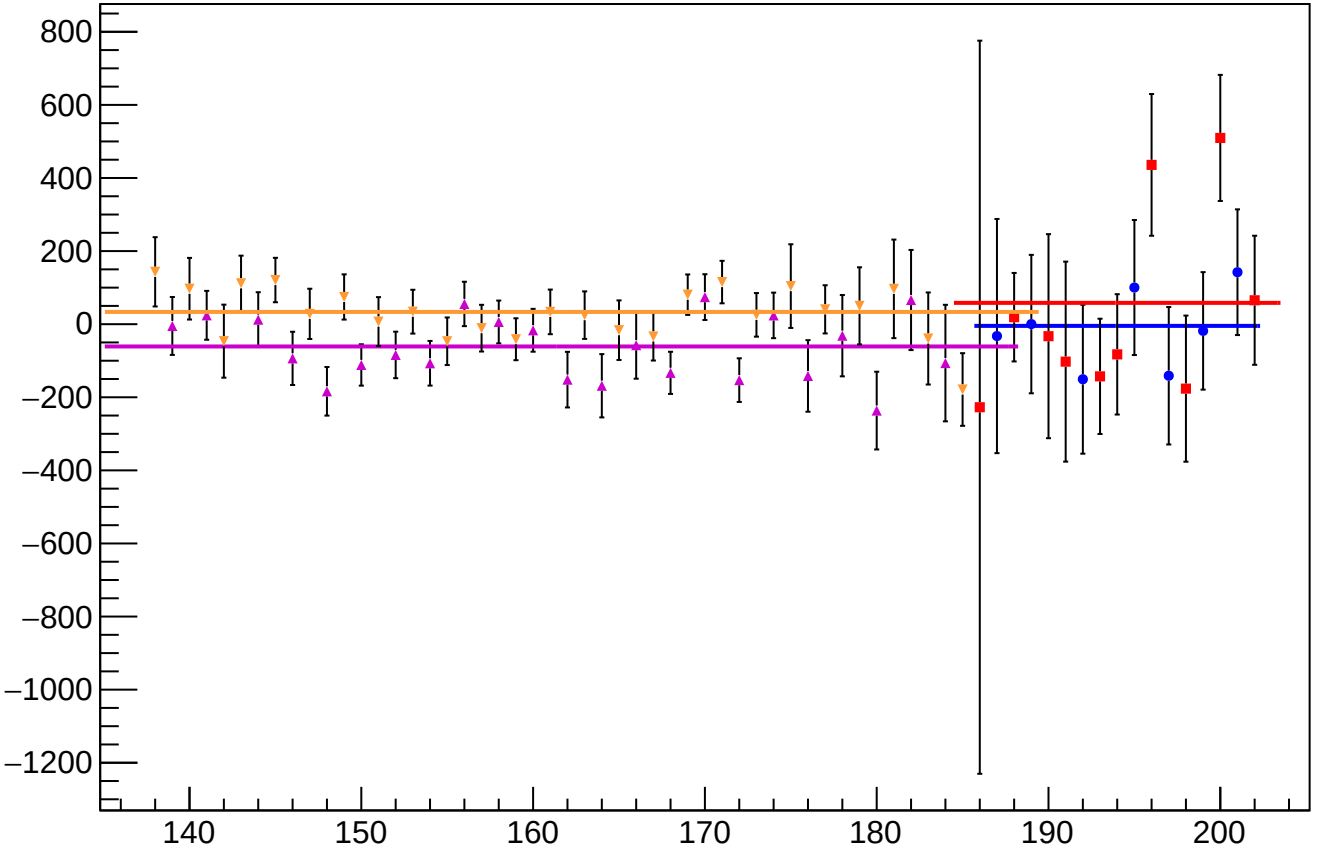
Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

+ sign 134.259+/-0.021 χ^2/NDF: 2497173.6/31

All: 135.079+/-0.014 χ^2/NDF: 5447374.8/64

- sign 135.870+/-0.020 χ^2/NDF: 2947086.1/32

dit_asym_sam_1357_avg_mean vs Slug



Right In: -4.642+/-72.204 χ^2/NDF: 2.1/6

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 58.333+/-58.743 χ^2/NDF: 15.0/9

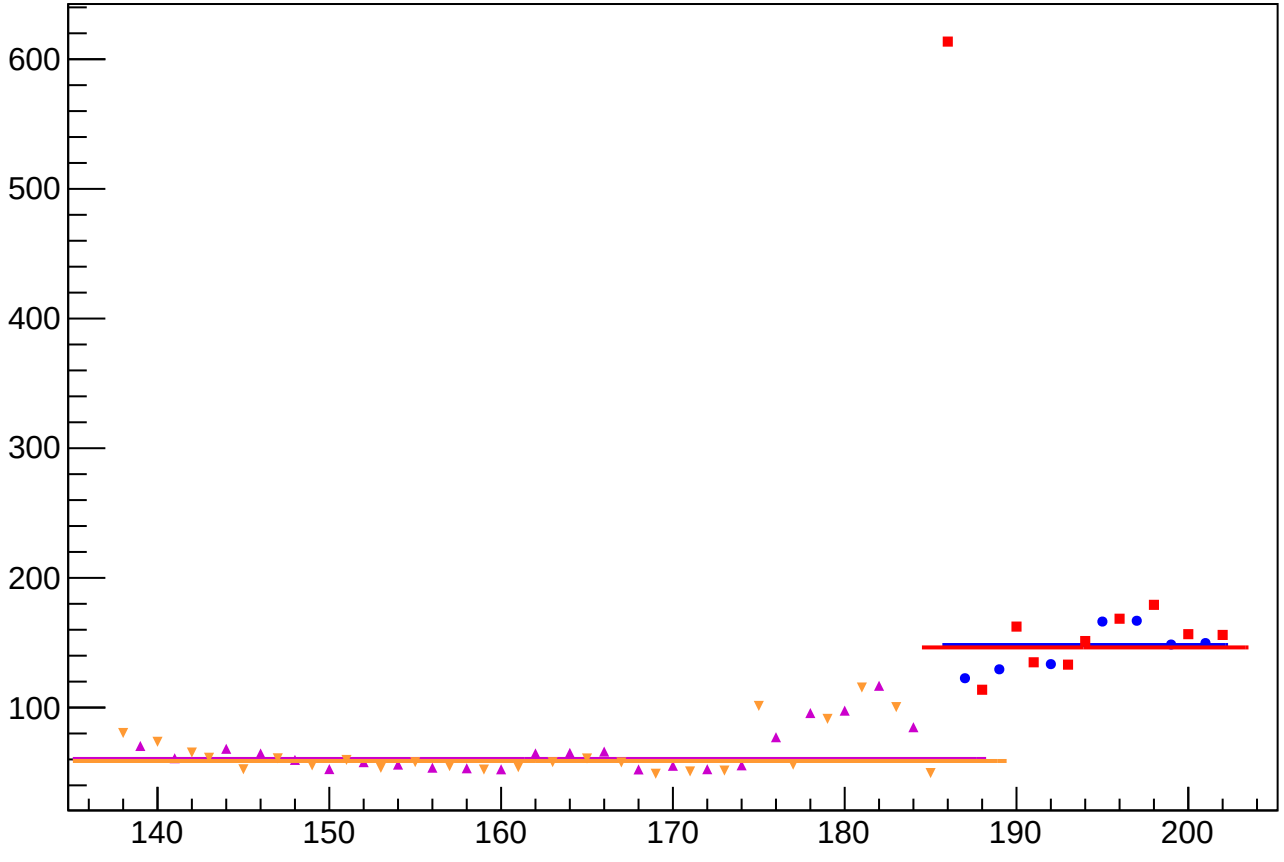
Left In: -60.992+/-14.839 χ^2/NDF:31.6/22

+ sign 32.114+/-13.930 χ^2/NDF: 22.0/31

All: -9.473+/-10.008 χ^2/NDF: 90.9/64

- sign -53.834+/-14.387 χ^2/NDF: 50.5/32

dit_asym_sam_1357_avg_rms vs Slug



Right In: 148.217+/-0.051 χ^2/NDF: 81970.1/6

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 146.375+/-0.042 χ^2/NDF: 698479.7/9

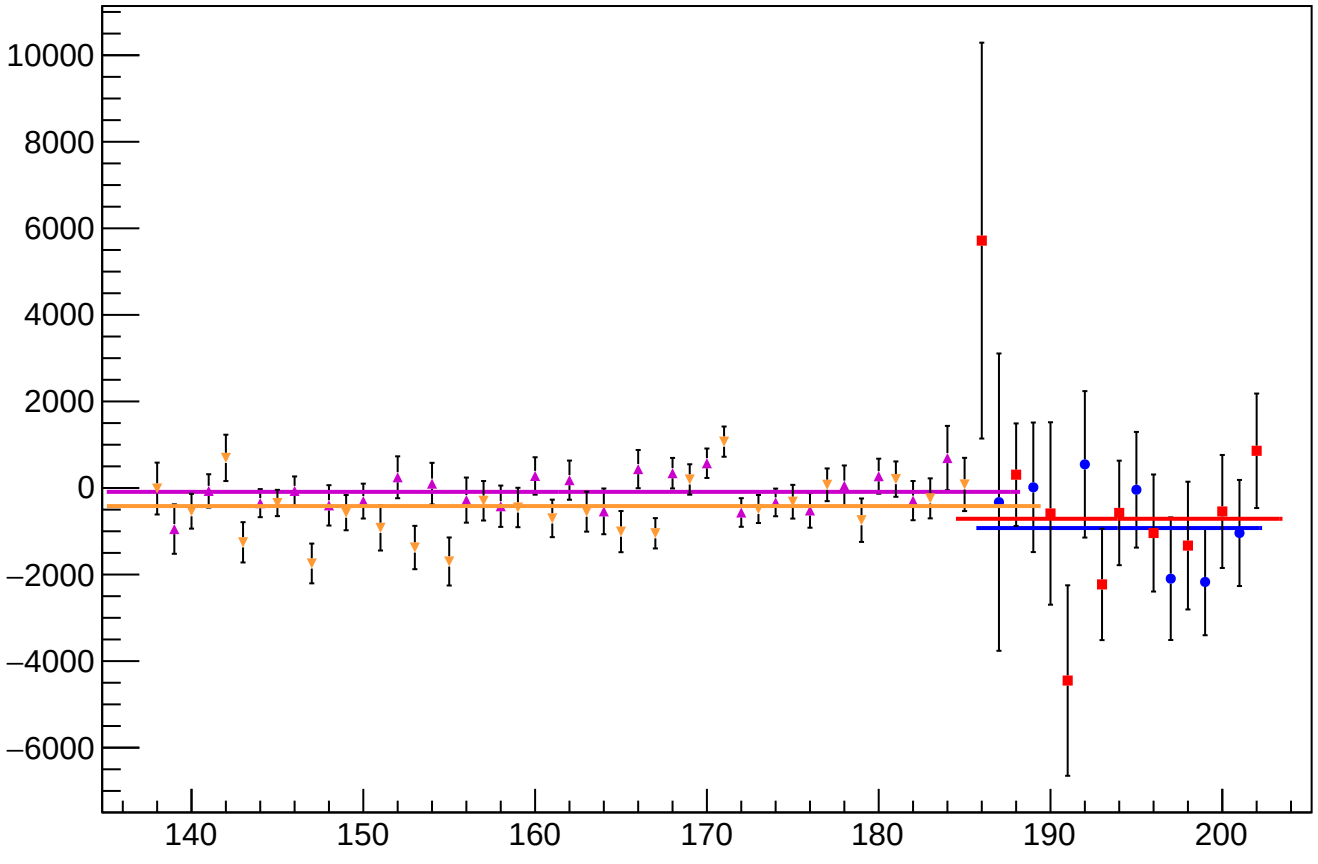
Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

+ sign 62.121+/-0.010 χ^2/NDF: 4496055.9/31

All: 63.763+/-0.007 χ^2/NDF: 10500916.5/64

- sign 65.515+/-0.010 χ^2/NDF: 5947435.7/32

asym_sam_1357_avg_correction_mean vs Slug



Right In: -925.667+/-553.569 χ^2/NDF: 3.3/6

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: -711.465+/-463.972 χ^2/NDF: 8.7/9

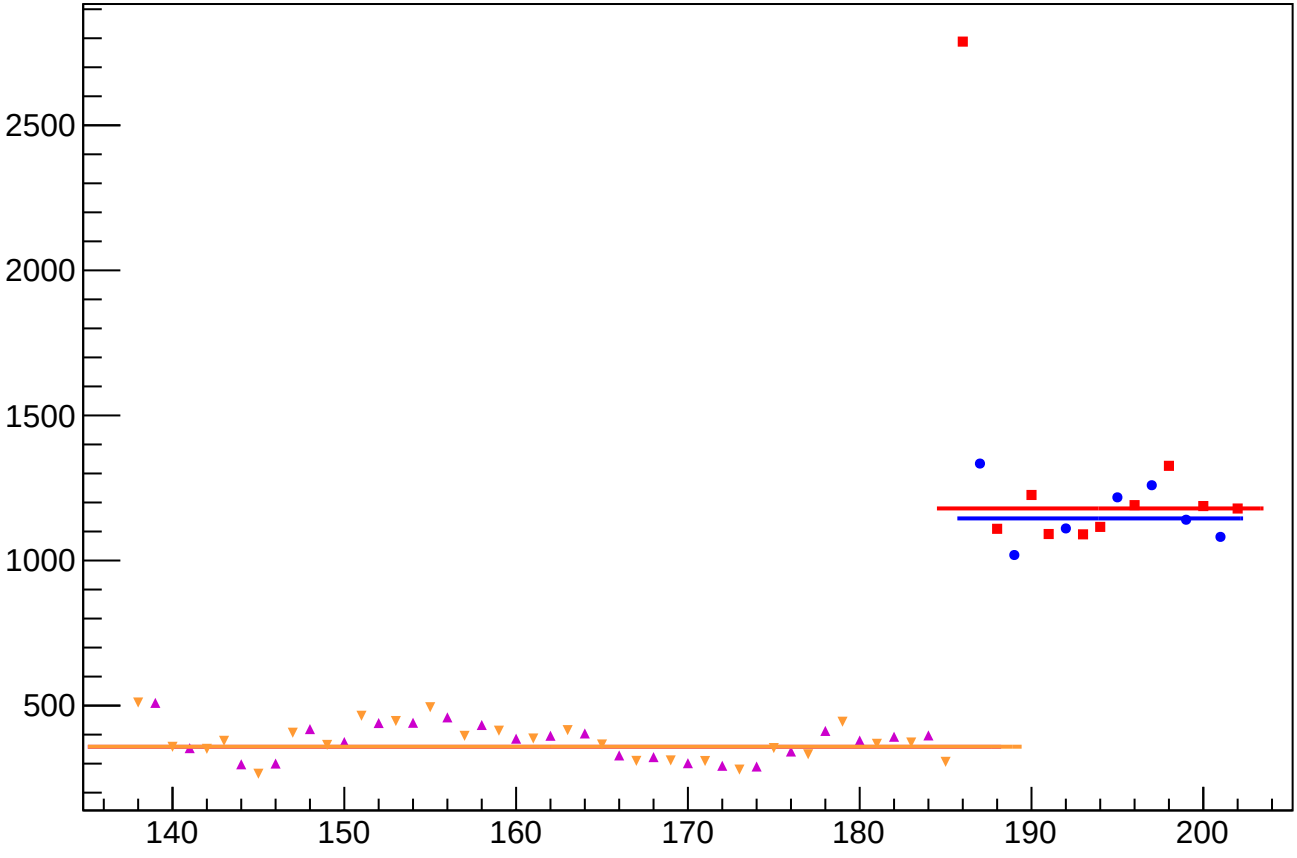
Left In: -89.505+/-86.438 χ^2/NDF:19.4/22

+ sign -429.507+/-83.986 χ^2/NDF: 62.7/31

All: -271.808+/-59.734 χ^2/NDF: 99.6/64

- sign -110.368+/-84.976 χ^2/NDF: 29.8/32

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1145.107+/-0.391 χ^2/NDF: 45441.8/6

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1179.487+/-0.328 χ^2/NDF: 293867.8/9

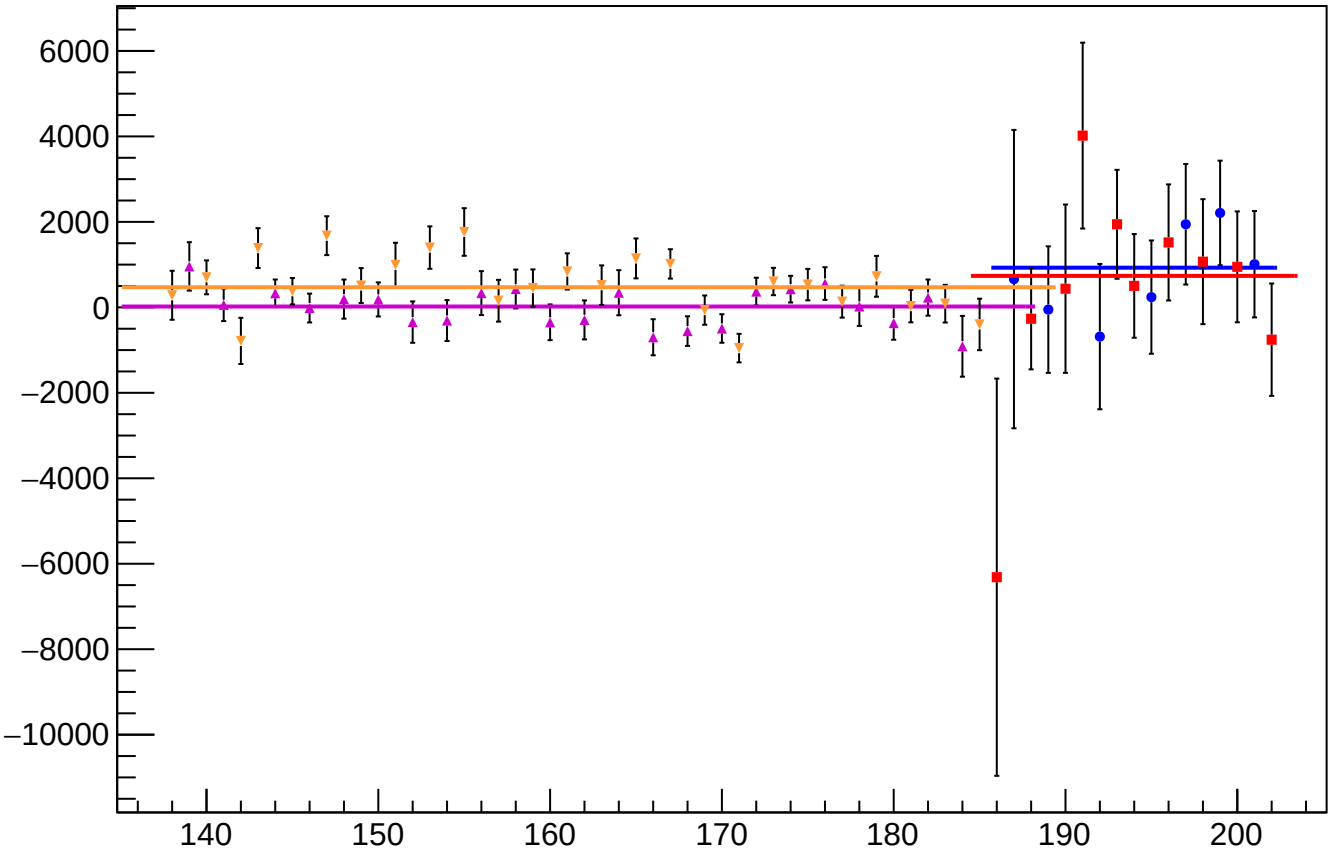
Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

+ sign 376.459+/-0.059 χ^2/NDF: 5004210.7/31

All: 380.859+/-0.042 χ^2/NDF: 12264859.1/64

- sign 385.364+/-0.060 χ^2/NDF: 7249536.9/32

asym_sam_1357_avg_mean vs Slug



Right In: 928.083+/-553.073 χ^2/NDF: 3.2/6

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: 736.616+/-460.962 χ^2/NDF: 8.0/9

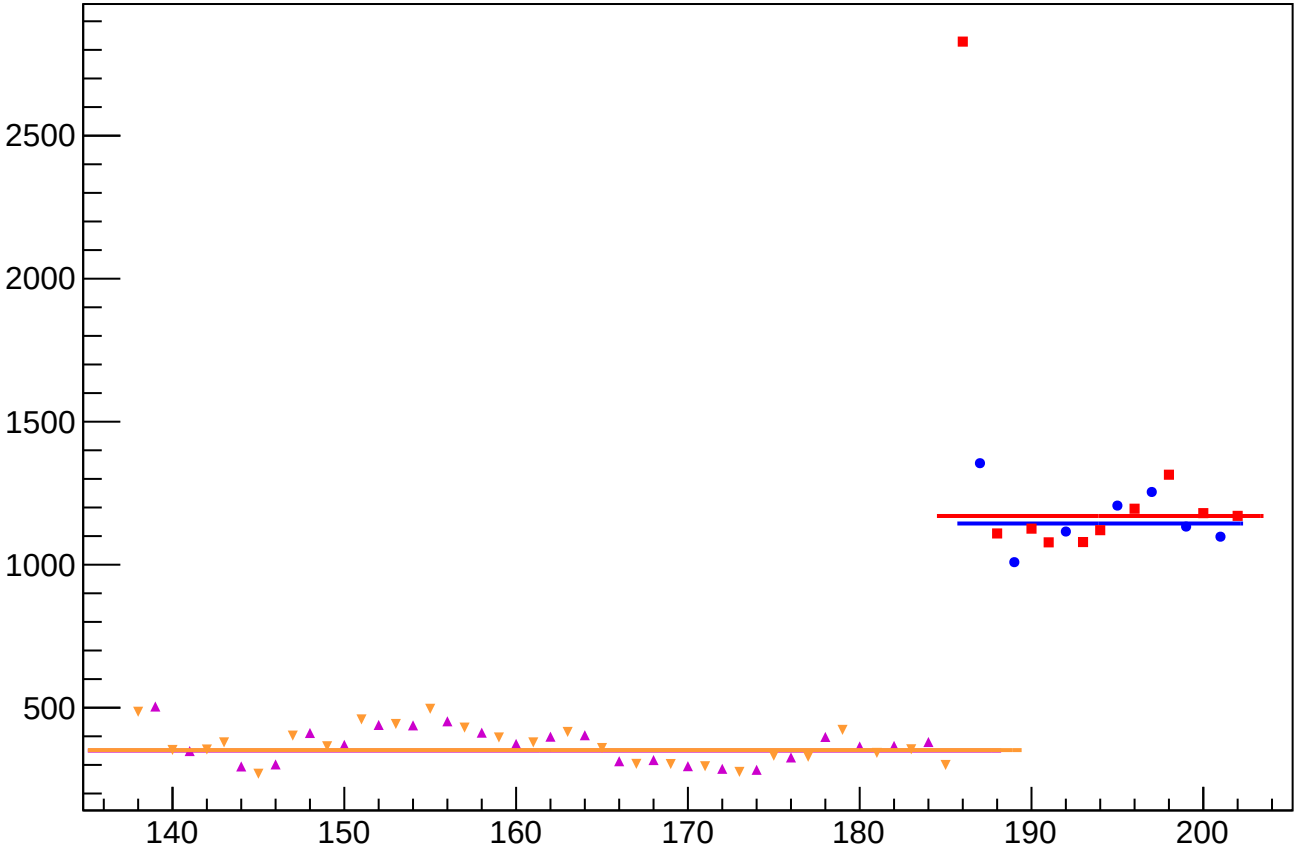
Left In: 19.328+/-84.679 χ^2/NDF:23.7/22

+ sign 480.990+/-82.545 χ^2/NDF: 62.6/31

All: 263.825+/-58.628 χ^2/NDF: 110.5/64

- sign 42.743+/-83.286 χ^2/NDF: 34.0/32

asym_sam_1357_avg_rms vs Slug



Right In: 1144.050+/-0.391 χ^2/NDF: 44083.7/6

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1170.321+/-0.326 χ^2/NDF: 298511.8/9

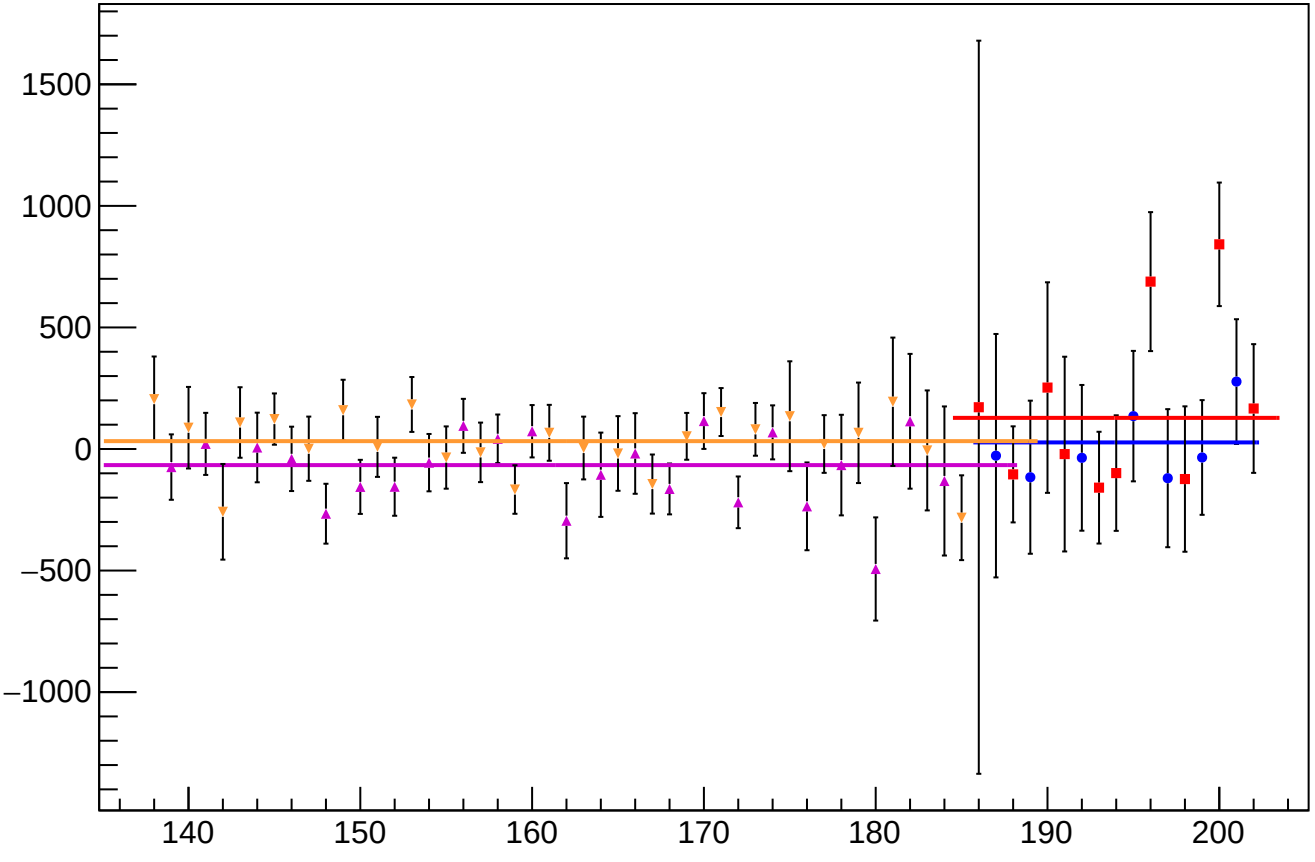
Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

+ sign 369.425+/-0.058 χ^2/NDF: 5073532.1/31

All: 373.087+/-0.041 χ^2/NDF: 12395952.1/64

- sign 376.815+/-0.059 χ^2/NDF: 7314476.4/32

dit_asym_sam_2468_avg_mean vs Slug



Right In: 27.067+/-108.678 χ^2/NDF: 1.7/6

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: 128.072+/-88.580 χ^2/NDF: 16.5/9

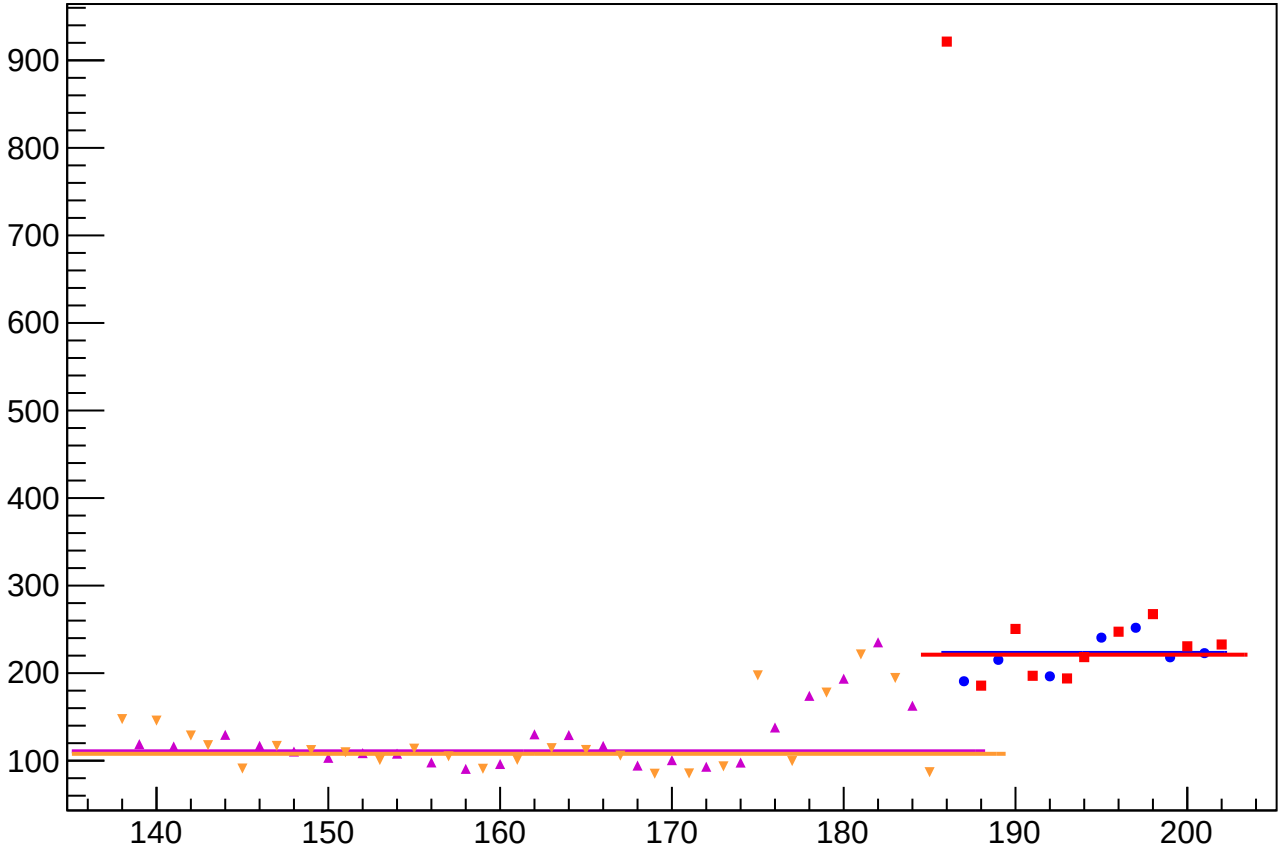
Left In: -66.254+/-27.450 χ^2/NDF:24.2/22

+ sign 32.040+/-25.581 χ^2/NDF: 21.3/31

All: -7.591+/-18.310 χ^2/NDF: 71.4/64

- sign -49.228+/-26.220 χ^2/NDF: 45.2/32

dit_asym_sam_2468_avg_rms vs Slug



Right In: 223.075+/-0.077 χ^2/NDF: 55401.5/6

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 221.077+/-0.063 χ^2/NDF: 611760.1/9

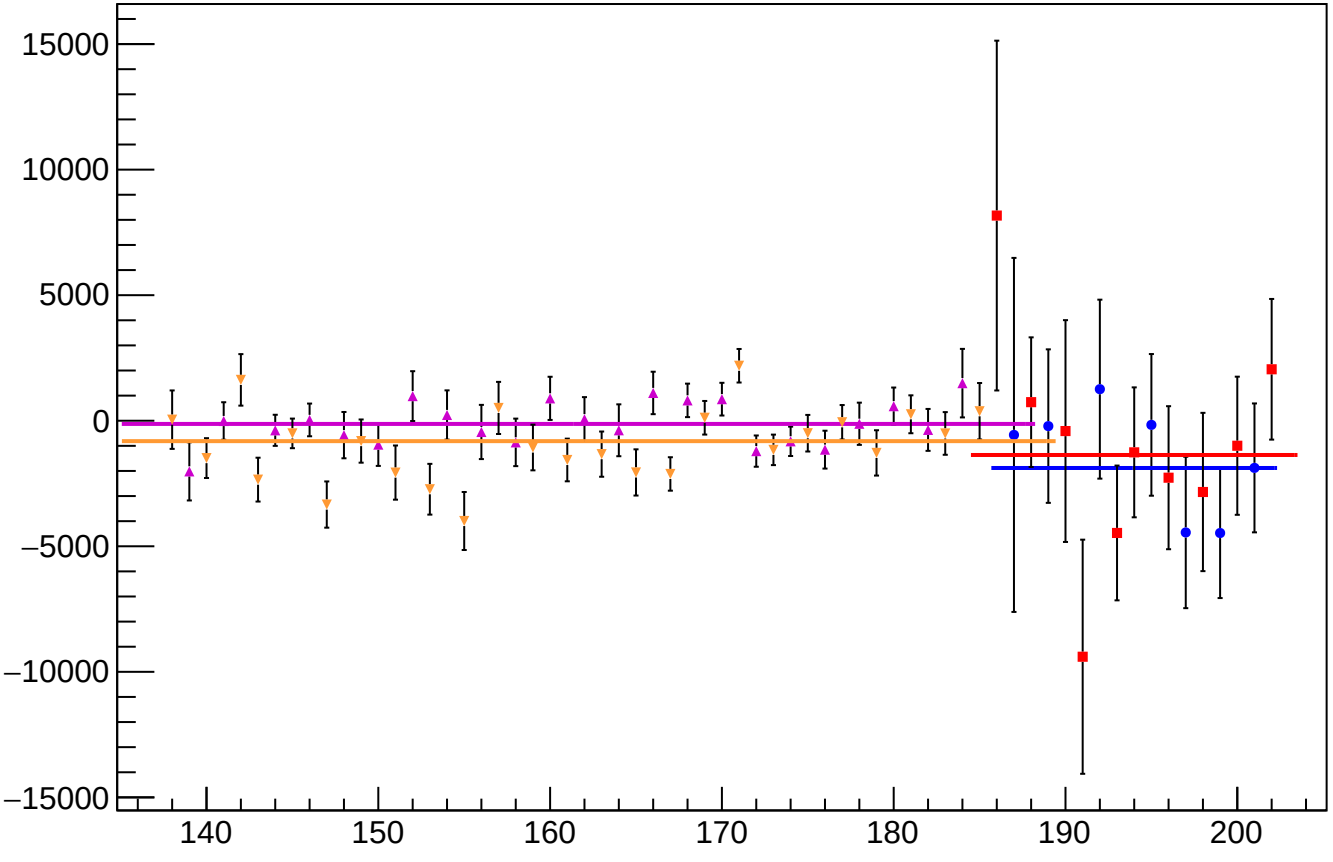
Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

+ sign 114.236+/-0.018 χ^2/NDF: 4012742.5/31

All: 117.224+/-0.013 χ^2/NDF: 8920825.0/64

- sign 120.363+/-0.019 χ^2/NDF: 4852132.5/32

asym_sam_2468_avg_correction_mean vs Slug



Right In: -1881.946+/-1160.640 χ^2/NDF: 3.2/6

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: -1364.272+/-980.710 χ^2/NDF: 8.7/9

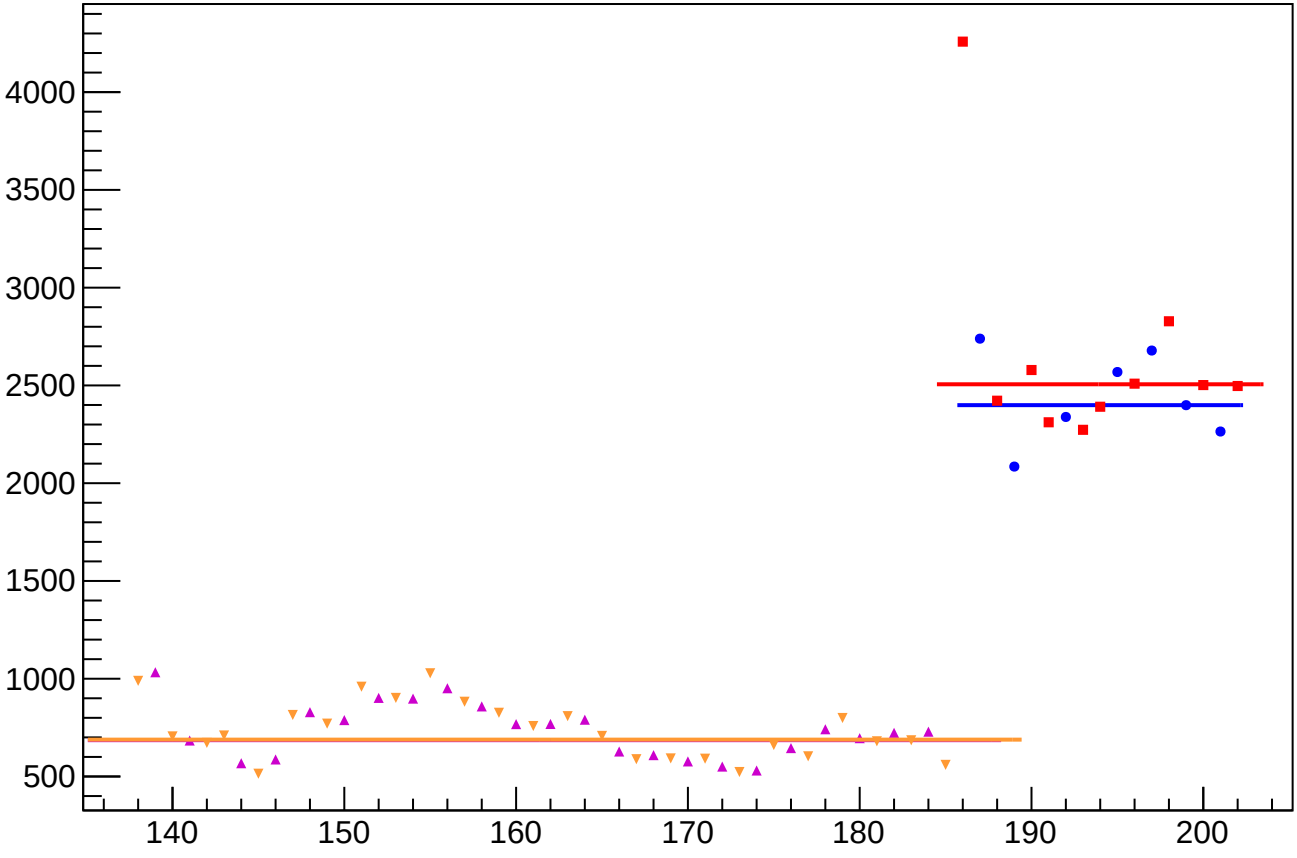
Left In: -127.427+/-166.308 χ^2/NDF:22.8/22

+ sign -833.979+/-162.486 χ^2/NDF: 70.2/31

All: -501.040+/-115.415 χ^2/NDF: 111.7/64

- sign -162.001+/-163.967 χ^2/NDF: 33.0/32

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2399.143+/-0.821 χ^2/NDF: 56251.4/6

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2505.861+/-0.693 χ^2/NDF: 172655.1/9

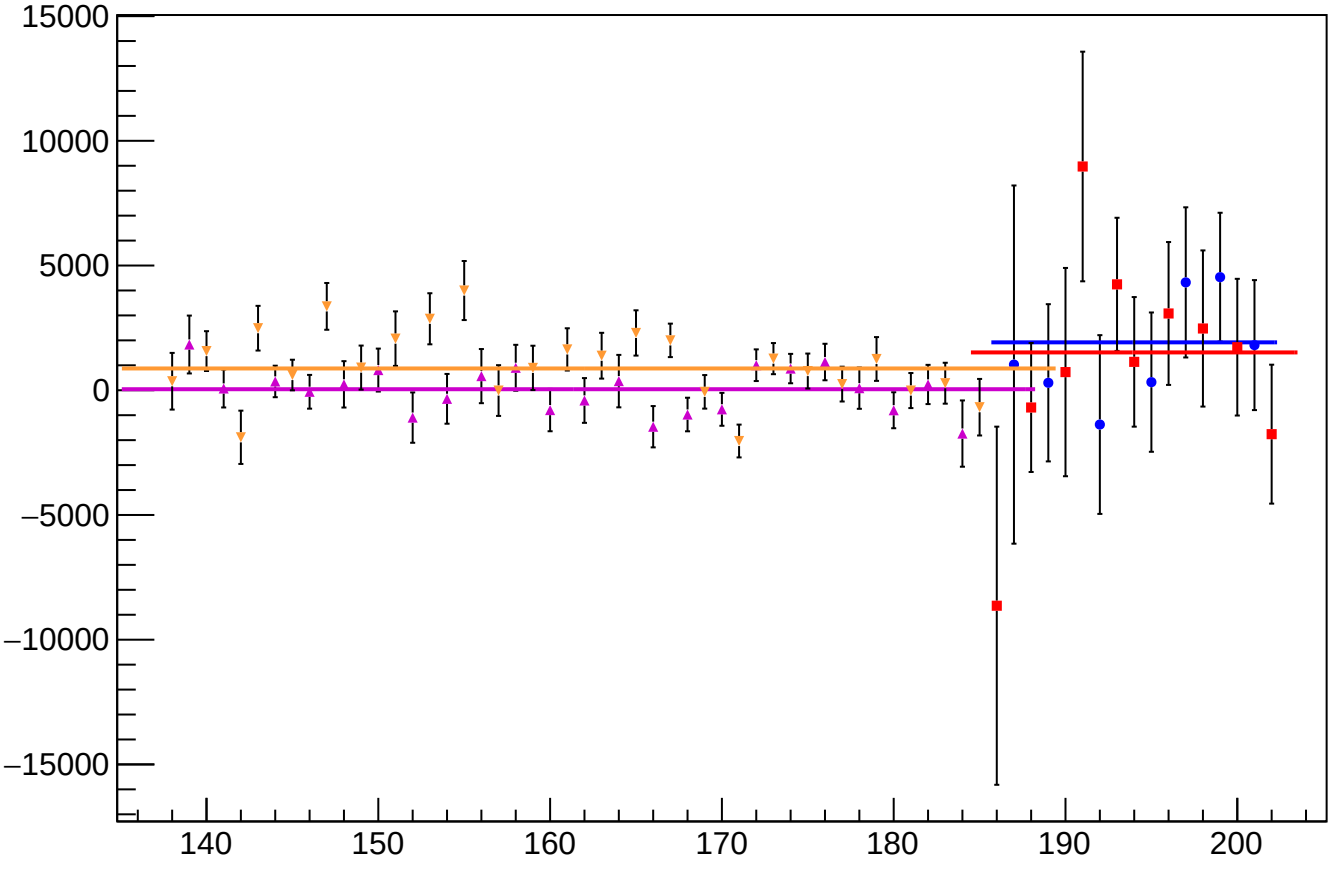
Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

+ sign 722.040+/-0.115 χ^2/NDF: 5603381.0/31

All: 729.260+/-0.082 χ^2/NDF: 13636635.2/64

- sign 736.612+/-0.116 χ^2/NDF: 8025283.8/32

asym_sam_2468_avg_mean vs Slug



Right In: 1920.319+/-1167.169 χ^2/NDF: 3.1/6

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: 1516.514+/-976.707 χ^2/NDF: 8.2/9

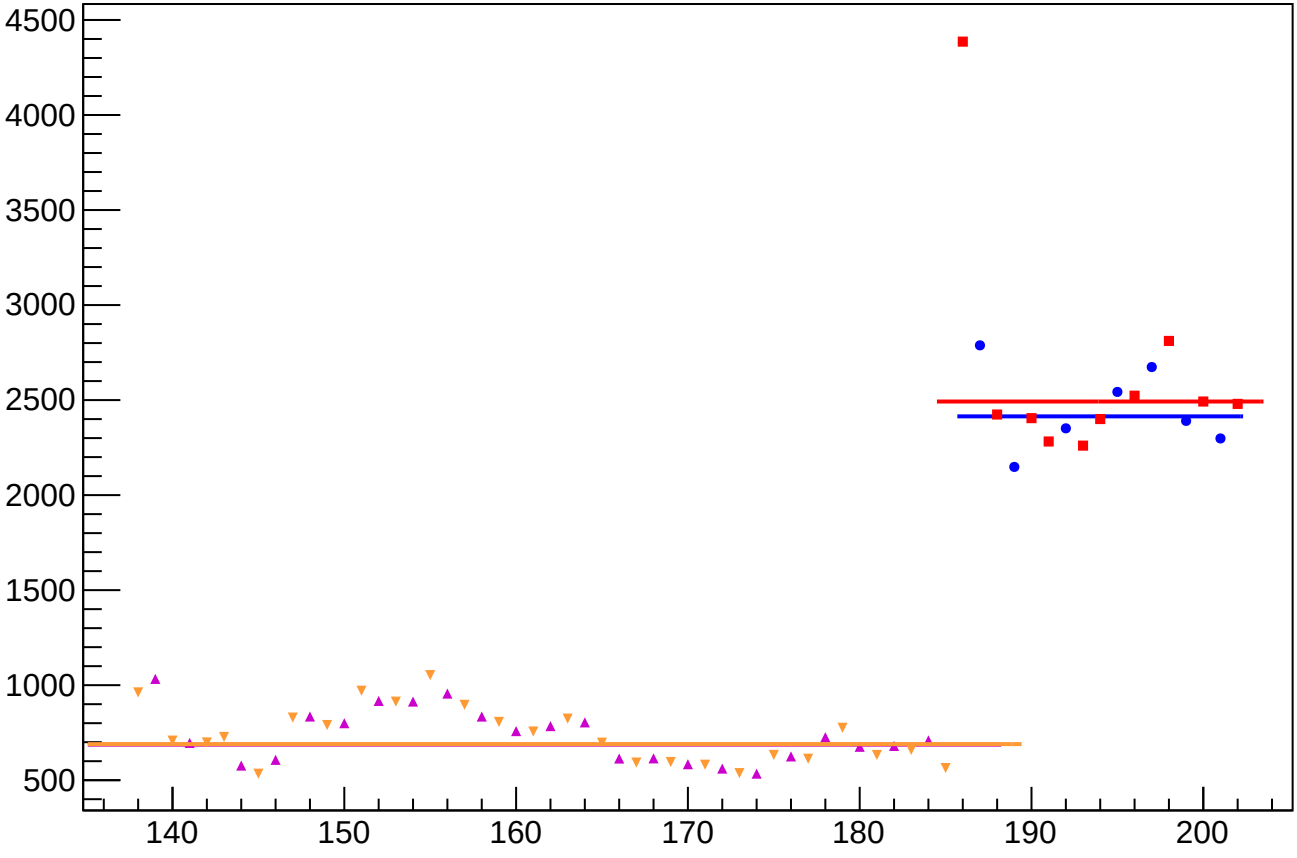
Left In: 41.522+/-166.728 χ^2/NDF:24.1/22

+ sign 893.780+/-162.665 χ^2/NDF: 68.0/31

All: 492.709+/-115.613 χ^2/NDF: 114.9/64

- sign 83.286+/-164.350 χ^2/NDF: 34.6/32

asym_sam_2468_avg_rms vs Slug



Right In: 2414.369+/-0.825 χ^2/NDF: 43540.4/6

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2492.456+/-0.691 χ^2/NDF: 184270.8/9

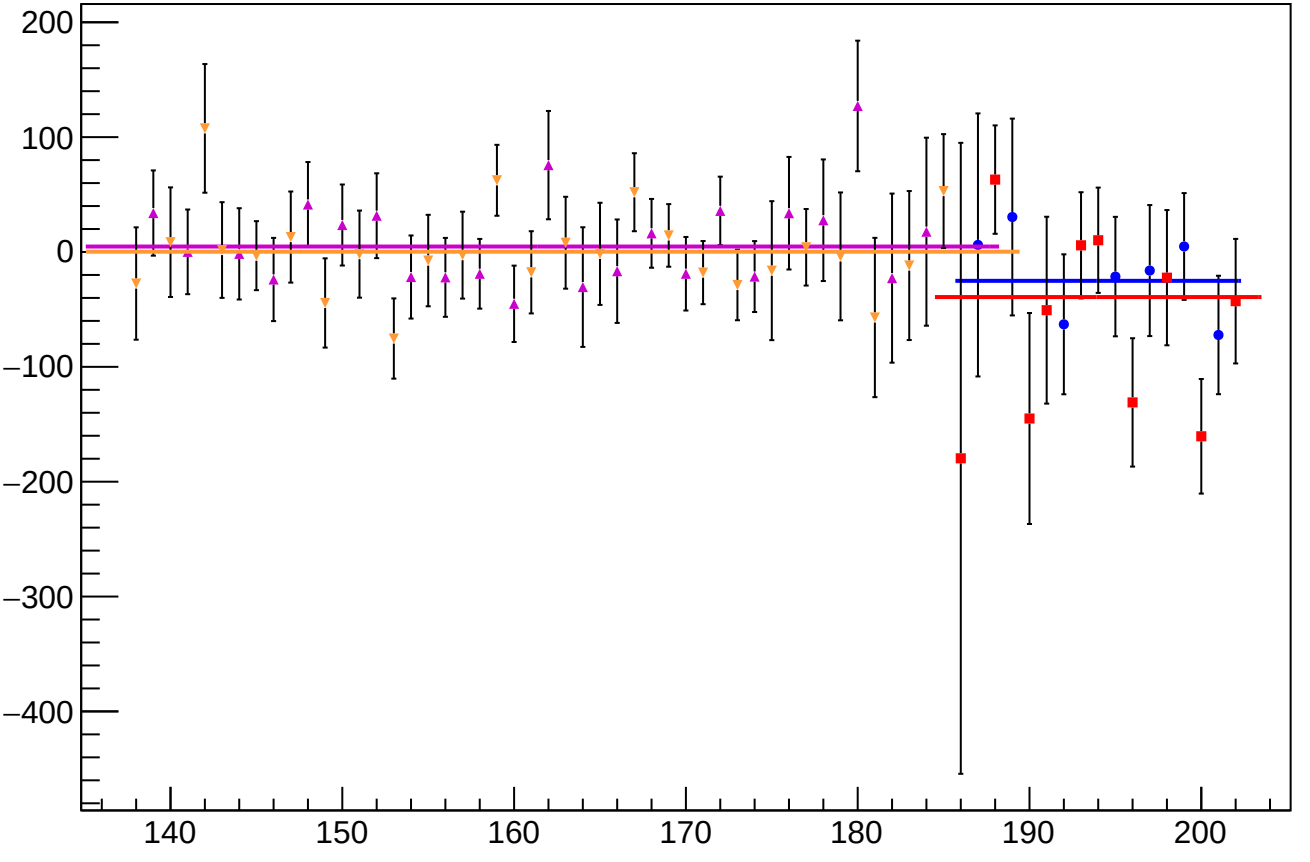
Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

+ sign 723.264+/-0.115 χ^2/NDF: 5583907.9/31

All: 730.589+/-0.082 χ^2/NDF: 13533326.2/64

- sign 738.066+/-0.116 χ^2/NDF: 7941223.0/32

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -25.115+/-22.372 χ^2/NDF: 2.2/6

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: -39.248+/-18.178 χ^2/NDF: 17.1/9

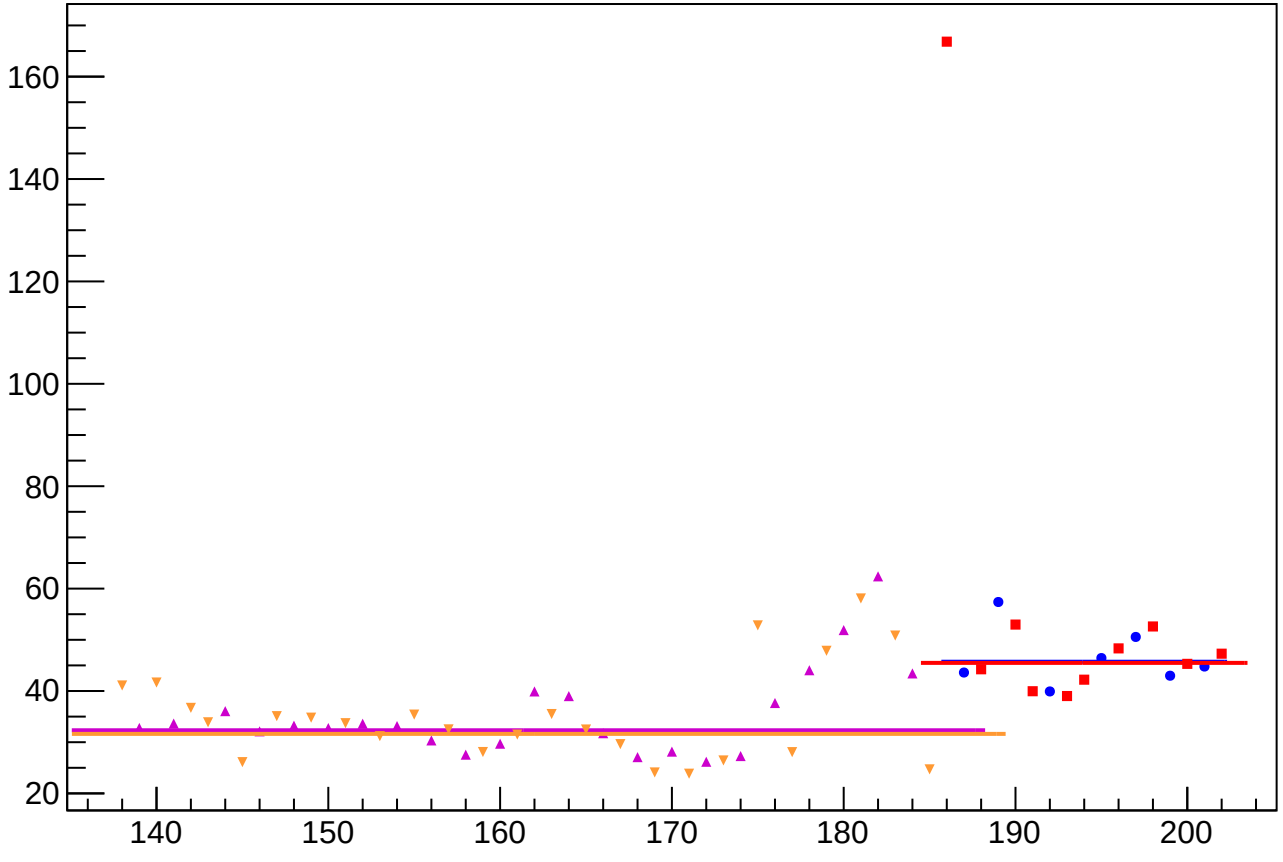
Left In: 4.745+/-7.976 χ^2/NDF:17.9/22

+ sign -2.427+/-7.272 χ^2/NDF: 23.7/31

All: -2.392+/-5.153 χ^2/NDF: 63.6/64

- sign -2.357+/-7.304 χ^2/NDF: 39.9/32

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 45.718+/-0.016 χ^2/NDF: 78272.0/6

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 45.493+/-0.013 χ^2/NDF: 500245.7/9

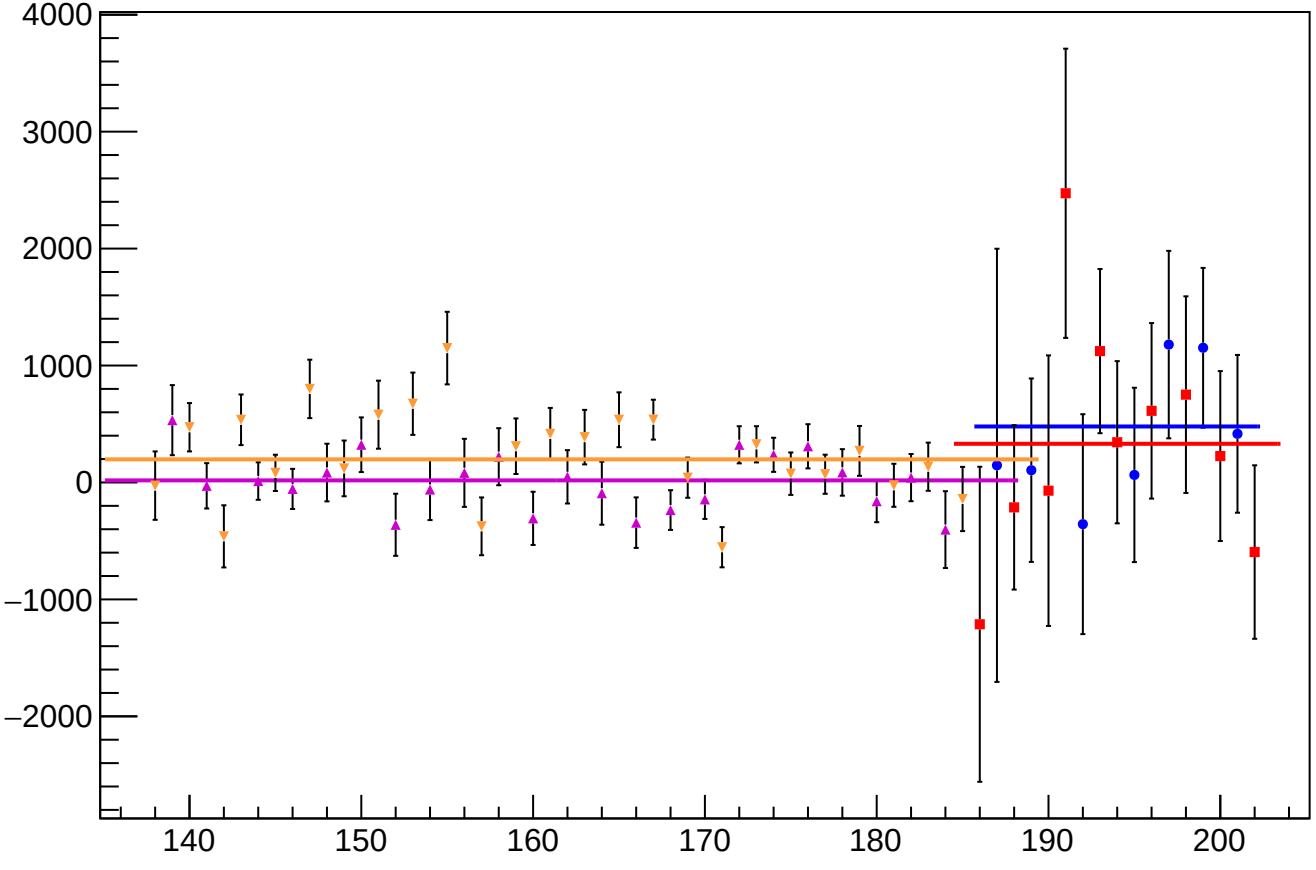
Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

+ sign 33.114+/-0.005 χ^2/NDF: 2461584.8/31

All: 33.782+/-0.004 χ^2/NDF: 5016495.6/64

- sign 34.456+/-0.005 χ^2/NDF: 2520991.7/32

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 478.750+/-305.070 χ^2/NDF: 3.1/6

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: 330.669+/-258.326 χ^2/NDF: 8.3/9

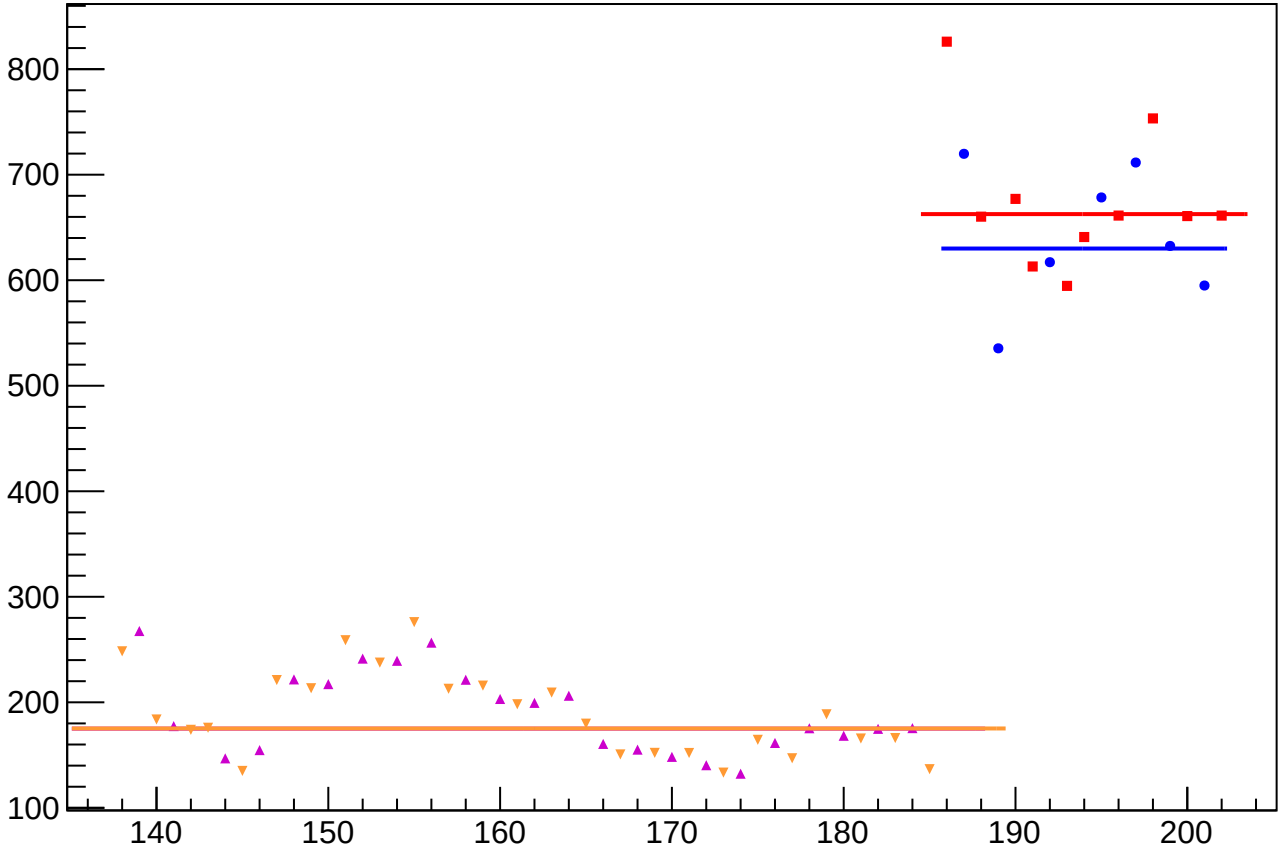
Left In: 17.742+/-42.576 χ^2/NDF:27.1/22

+ sign 202.869+/-41.444 χ^2/NDF: 73.8/31

All: 115.642+/-29.503 χ^2/NDF: 119.6/64

- sign 26.017+/-42.009 χ^2/NDF: 36.8/32

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 630.021+/-0.216 χ^2/NDF: 68695.8/6

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 662.650+/-0.183 χ^2/NDF: 77018.3/9

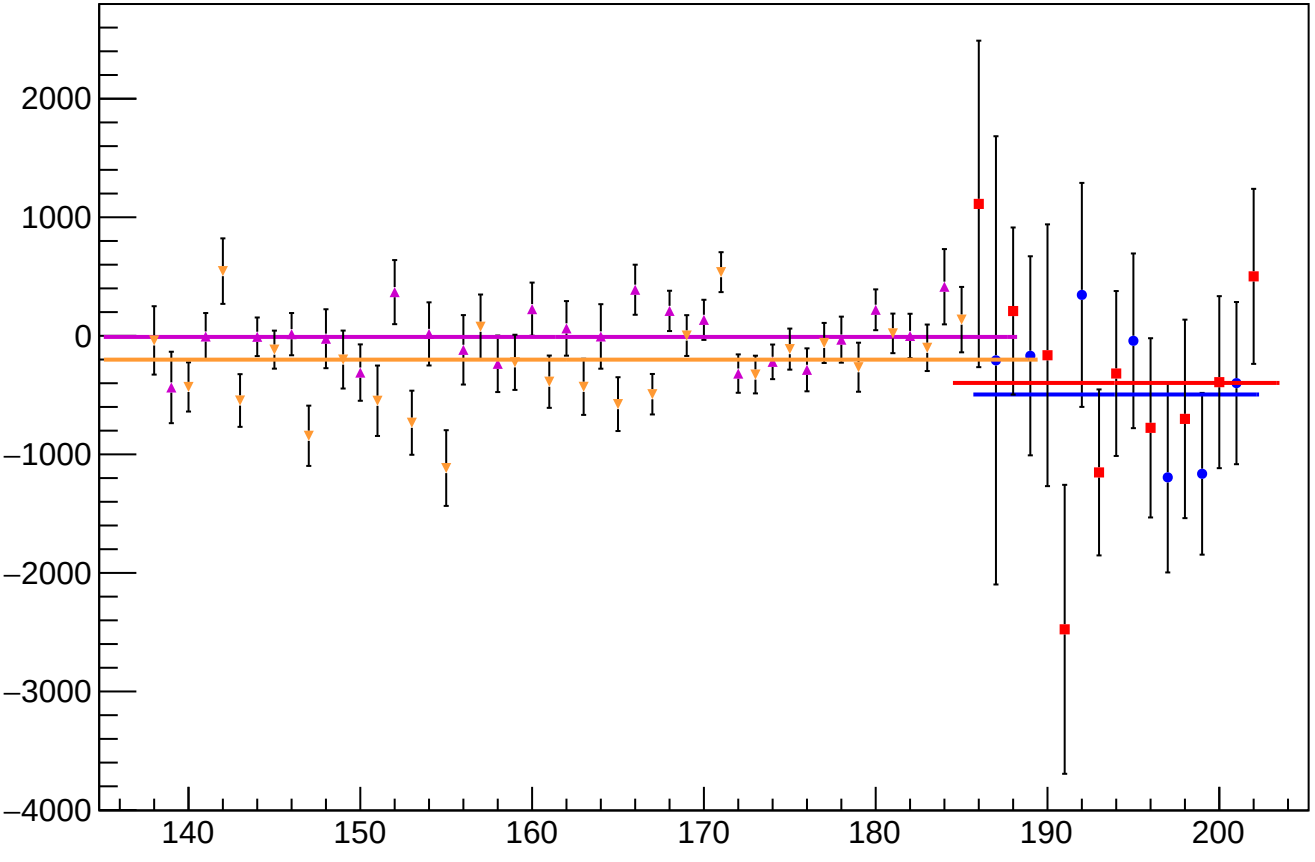
Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

+ sign 183.601+/-0.029 χ^2/NDF: 5850158.0/31

All: 185.744+/-0.021 χ^2/NDF: 14214895.4/64

- sign 187.946+/-0.030 χ^2/NDF: 8353895.2/32

asym_sam_1357_2468_dd_mean vs Slug



Right In: -494.898+/-308.593 χ^2/NDF: 3.1/6

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: -397.440+/-257.747 χ^2/NDF: 7.9/9

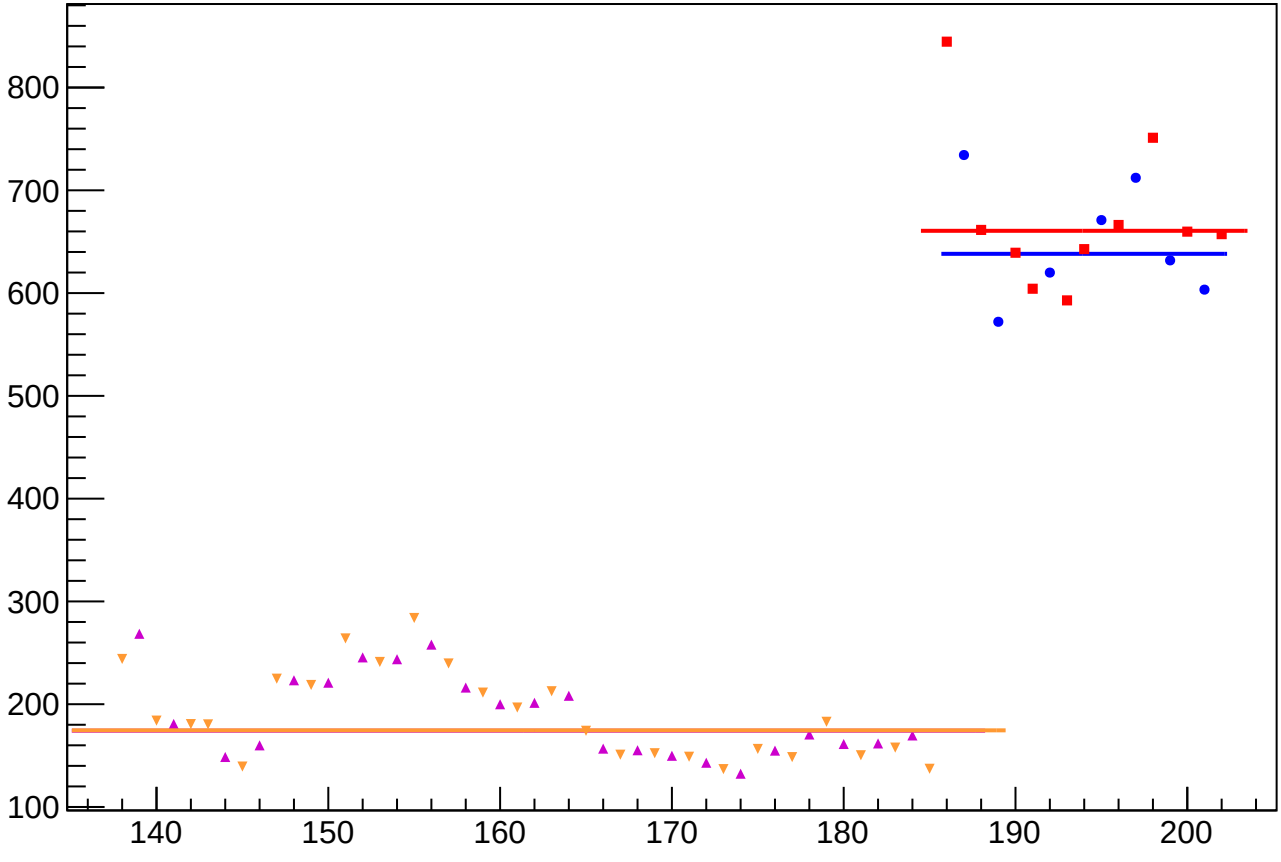
Left In: -9.384+/-42.437 χ^2/NDF:25.4/22

+ sign -206.212+/-41.365 χ^2/NDF: 69.5/31

All: -114.058+/-29.427 χ^2/NDF: 115.1/64

- sign -19.626+/-41.873 χ^2/NDF: 35.5/32

asym_sam_1357_2468_dd_rms vs Slug



Right In: 638.200+/-0.218 χ^2/NDF: 44671.3/6

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 660.597+/-0.182 χ^2/NDF: 84306.6/9

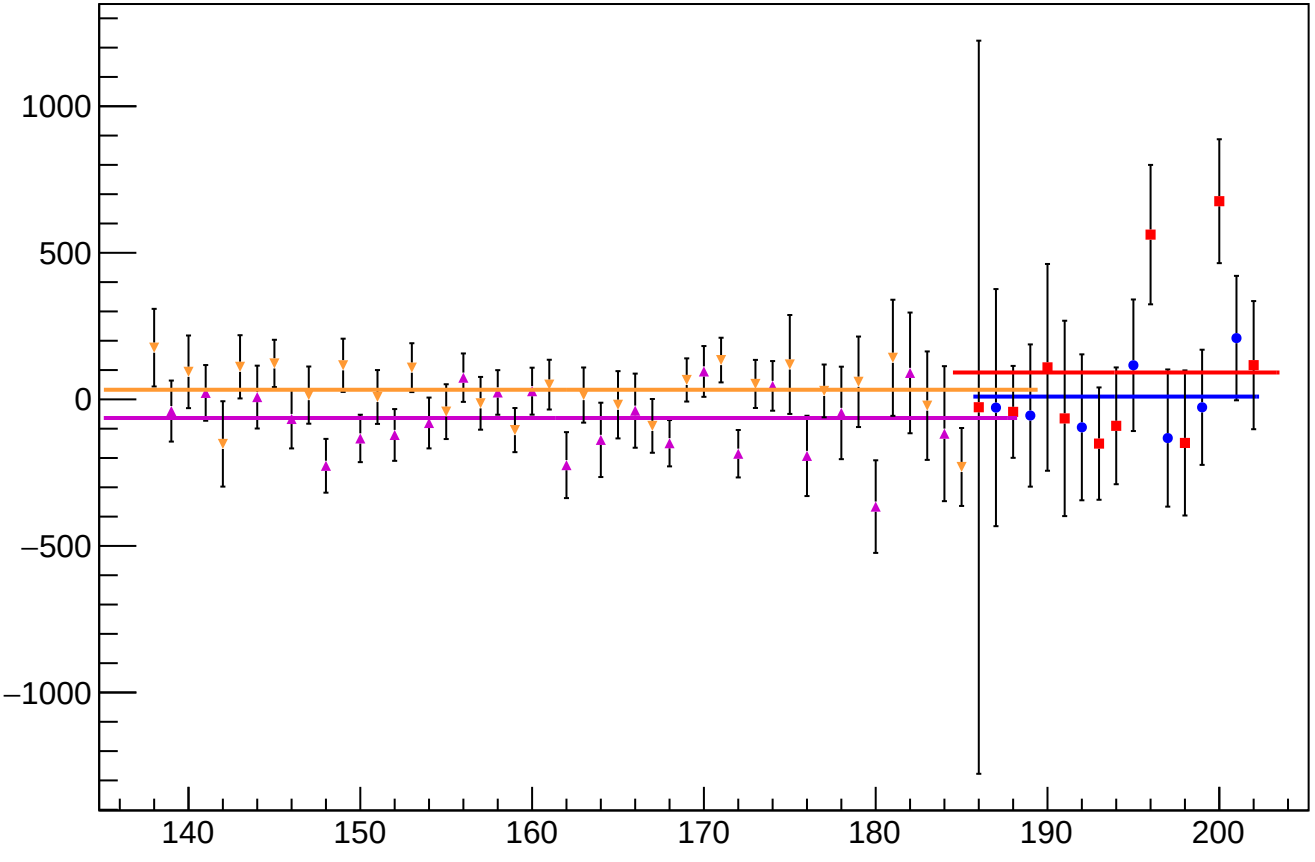
Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

+ sign 182.897+/-0.029 χ^2/NDF: 6010923.1/31

All: 184.950+/-0.021 χ^2/NDF: 14403747.9/64

- sign 187.054+/-0.030 χ^2/NDF: 8382849.7/32

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 9.500+/-89.278 χ^2/NDF: 1.8/6

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: 91.692+/-72.913 χ^2/NDF: 15.9/9

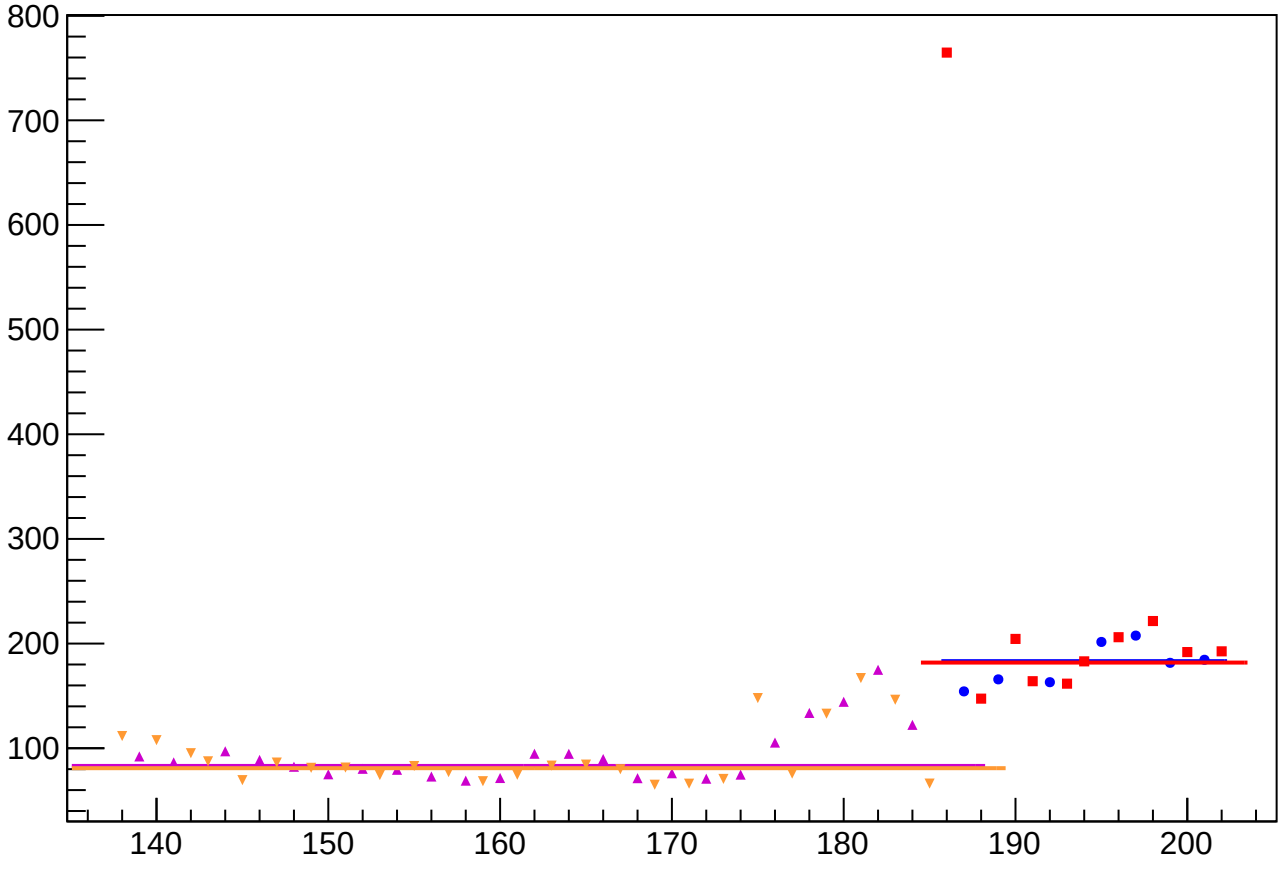
Left In: -63.566+/-20.573 χ^2/NDF:27.2/22

+ sign 31.711+/-19.242 χ^2/NDF: 21.4/31

All: -9.005+/-13.799 χ^2/NDF: 77.9/64

- sign -52.117+/-19.800 χ^2/NDF: 47.3/32

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 183.212+/-0.063 χ^2/NDF: 68895.3/6

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 181.839+/-0.052 χ^2/NDF: 648715.5/9

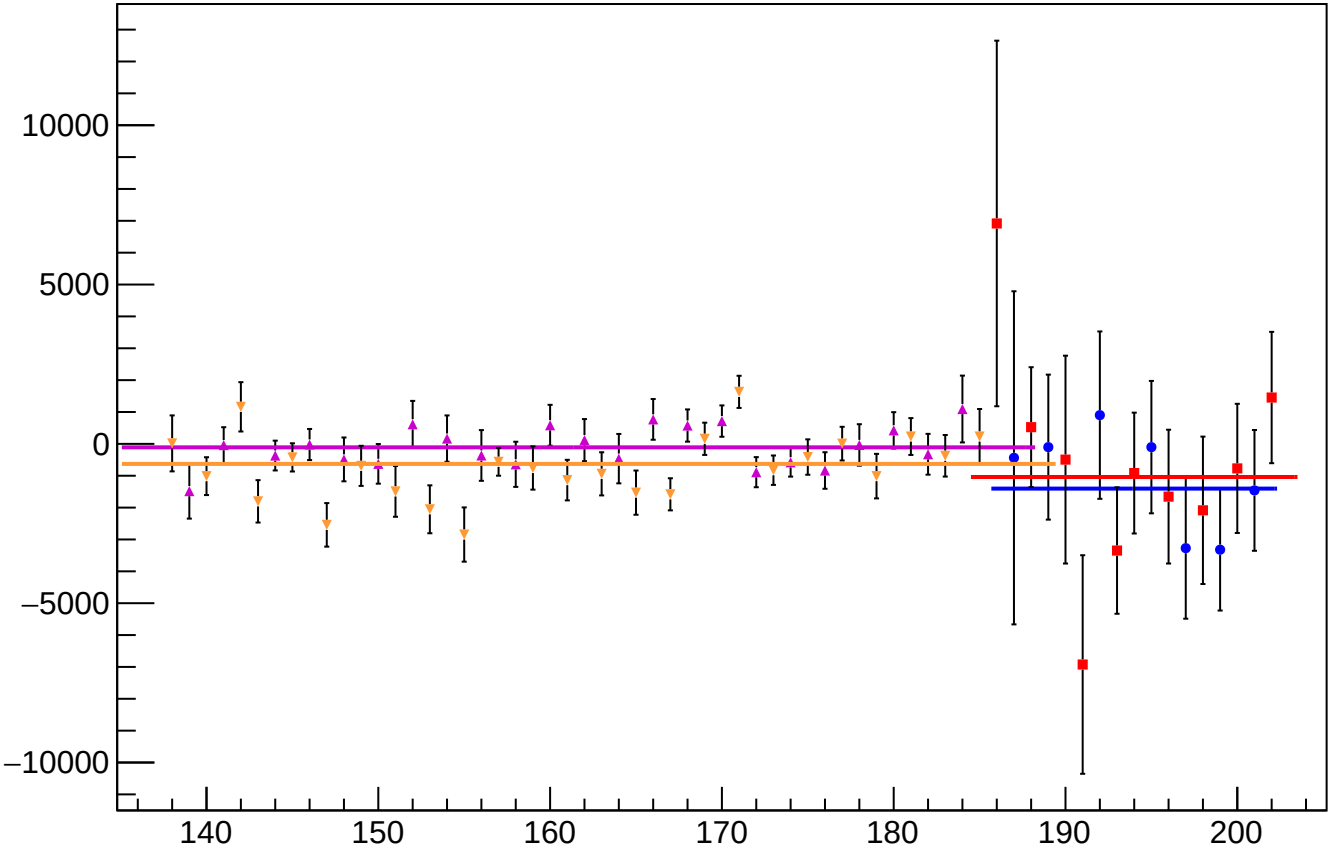
Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

+ sign 85.678+/-0.014 χ^2/NDF: 4333102.0/31

All: 87.949+/-0.010 χ^2/NDF: 9843548.4/64

- sign 90.354+/-0.014 χ^2/NDF: 5453077.1/32

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -1403.688+/-856.568 χ^2/NDF: 3.2/6

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: -1039.408+/-722.282 χ^2/NDF: 8.7/9

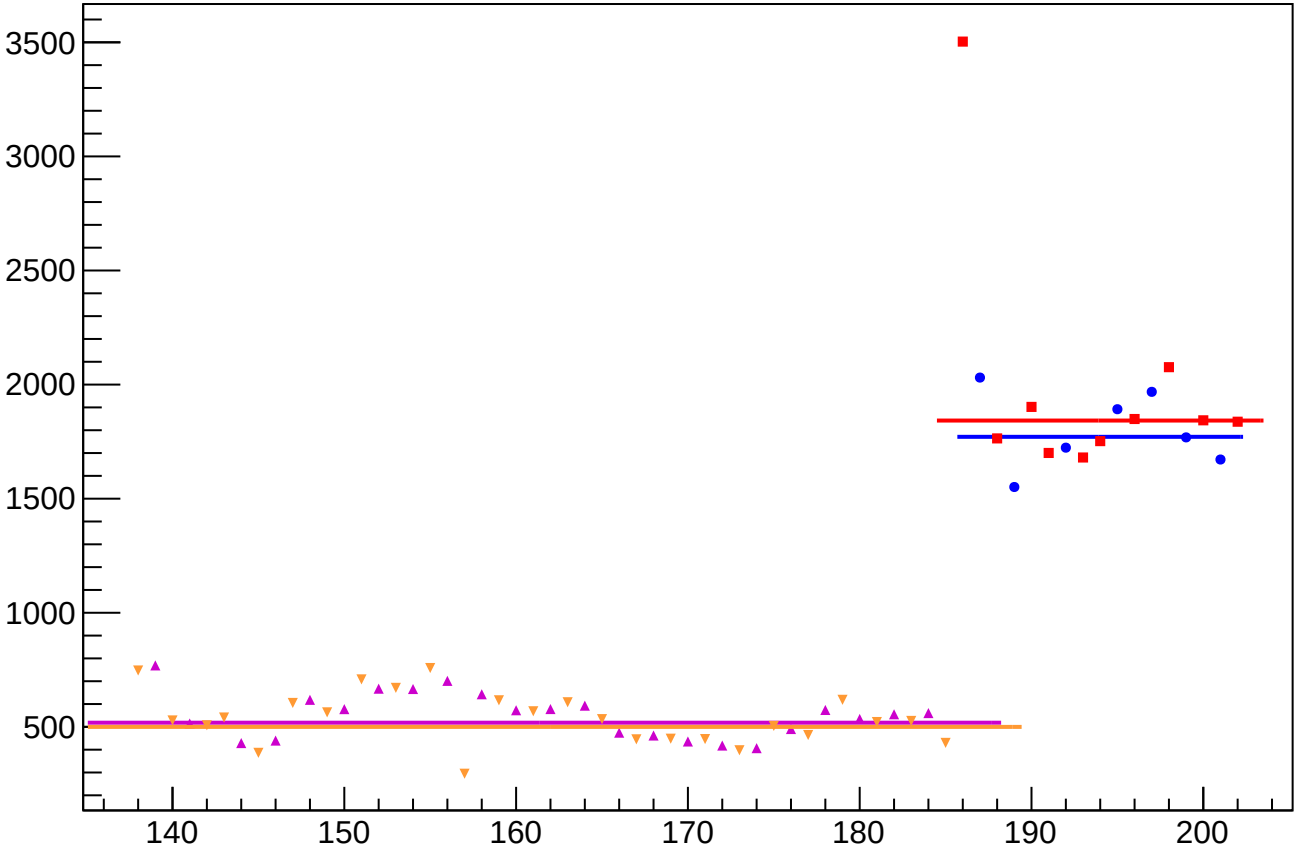
Left In: -108.821+/-125.527 χ^2/NDF:21.4/22

+ sign -644.065+/-119.430 χ^2/NDF: 67.2/31

All: -398.949+/-85.911 χ^2/NDF: 107.7/64

- sign -136.105+/-123.673 χ^2/NDF: 31.8/32

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1771.077+/-0.606 χ^2/NDF: 52413.0/6

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1842.409+/-0.511 χ^2/NDF: 213531.9/9

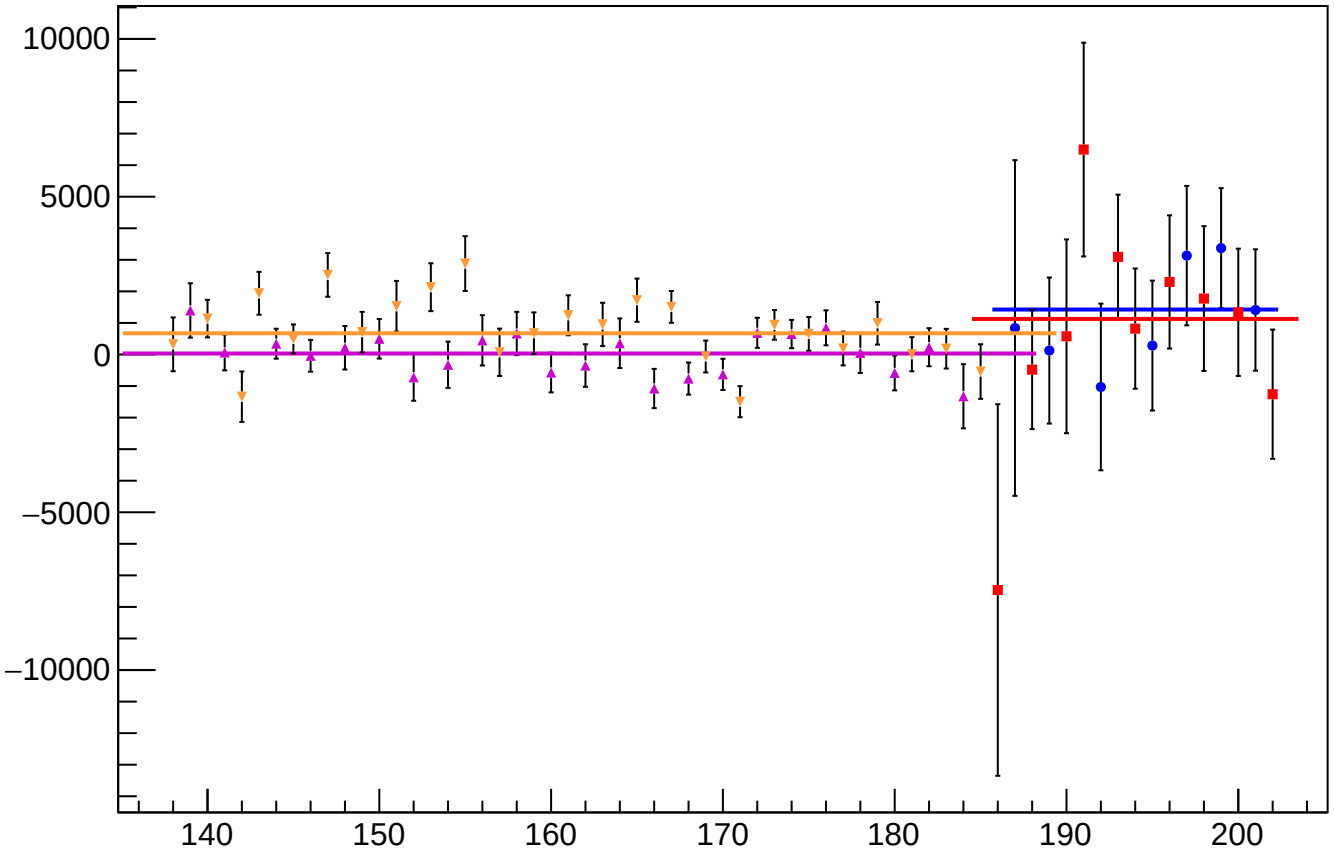
Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

+ sign 524.527+/-0.084 χ^2/NDF: 5998625.5/31

All: 540.229+/-0.061 χ^2/NDF: 13880745.7/64

- sign 557.067+/-0.087 χ^2/NDF: 7810476.2/32

asym_sam_12345678_avg_mean vs Slug



Right In: 1424.706+/-859.575 χ^2/NDF: 3.1/6

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: 1126.754+/-718.756 χ^2/NDF: 8.2/9

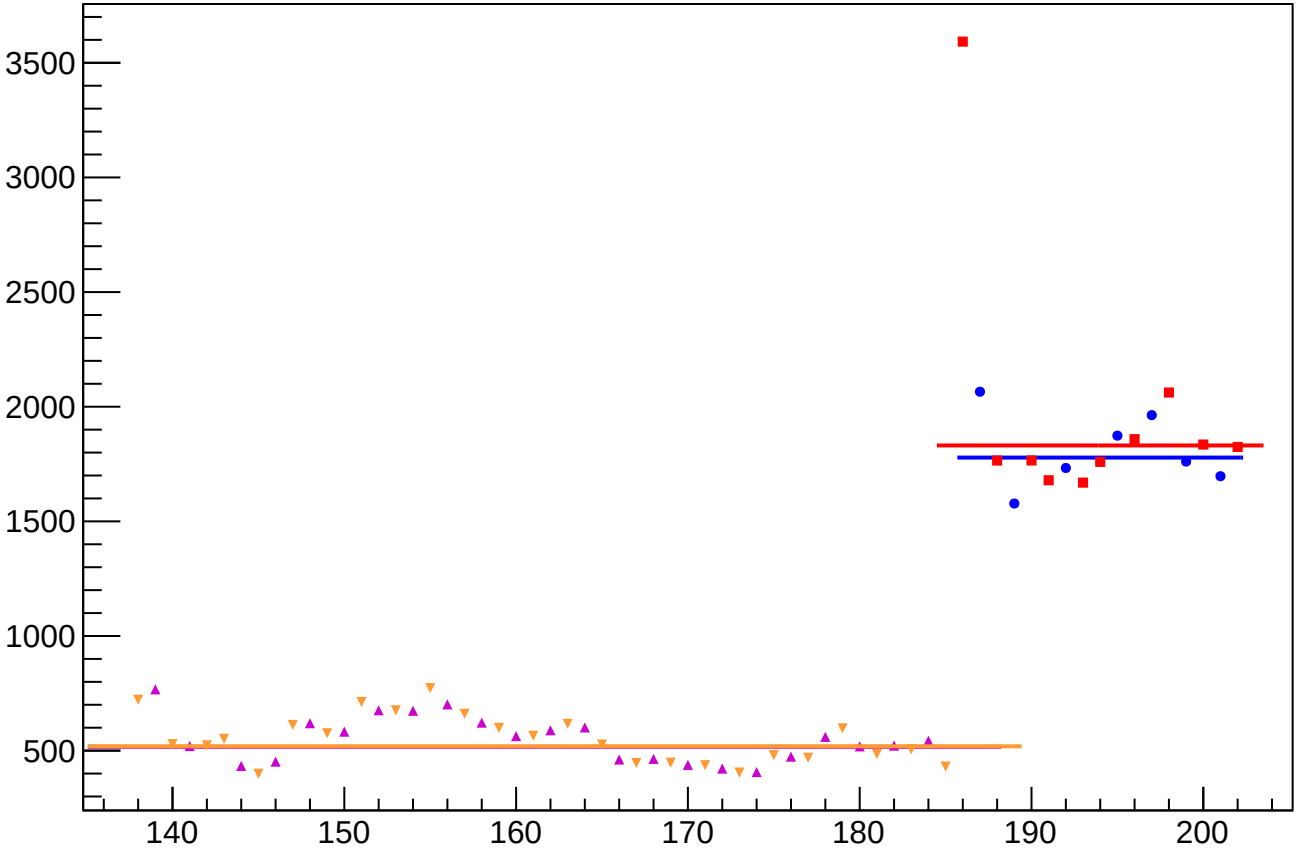
Left In: 31.056+/-125.236 χ^2/NDF:23.8/22

+ sign 687.694+/-122.175 χ^2/NDF: 66.7/31

All: 378.576+/-86.813 χ^2/NDF: 113.9/64

- sign 63.341+/-123.378 χ^2/NDF: 34.3/32

asym_sam_12345678_avg_rms vs Slug



Right In: 1778.140+/-0.608 χ^2/NDF: 43489.5/6

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1831.041+/-0.508 χ^2/NDF: 223300.6/9

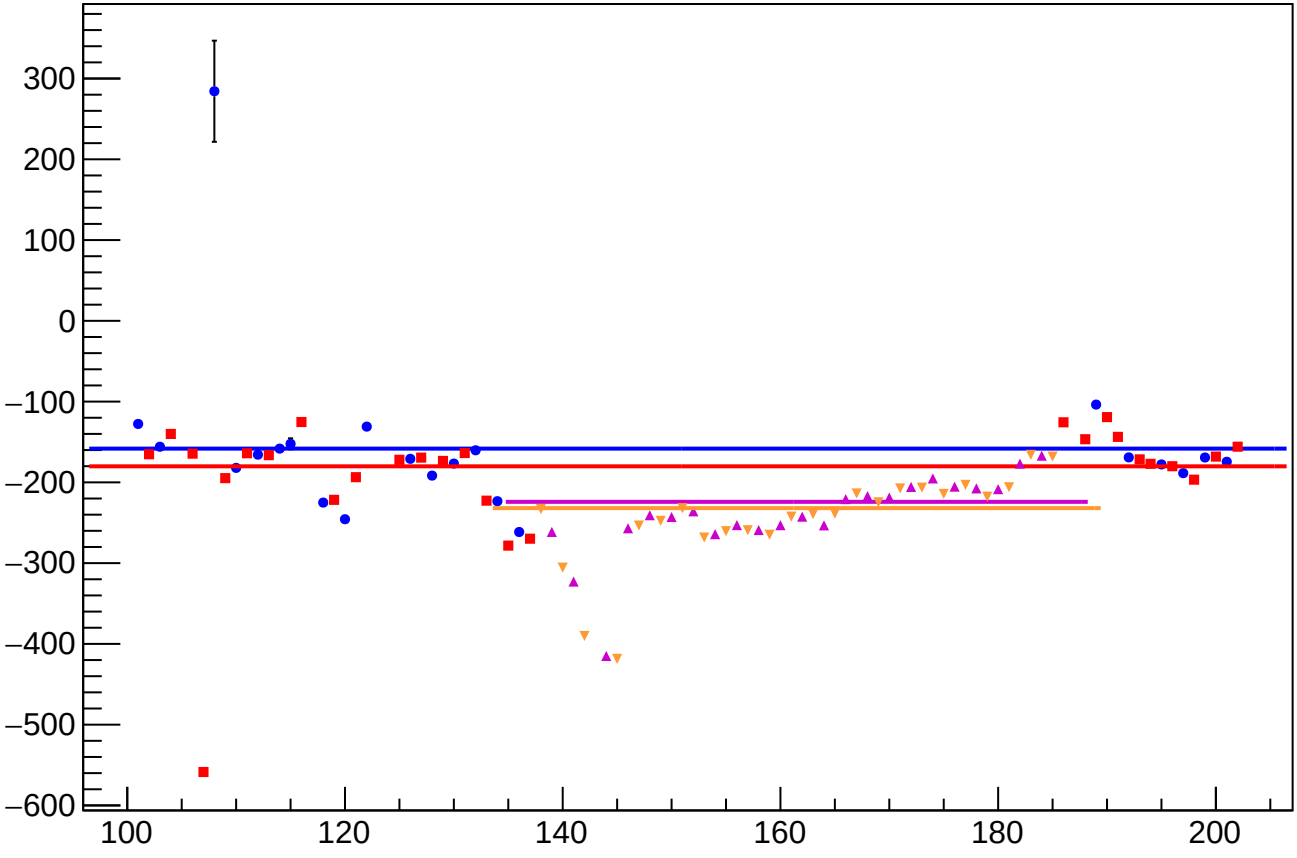
Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

+ sign 544.373+/-0.086 χ^2/NDF: 5421350.4/31

All: 549.795+/-0.061 χ^2/NDF: 13180484.8/64

- sign 555.325+/-0.087 χ^2/NDF: 7751178.8/32

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF: 127093.7/21

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -180.145+/-0.089 χ^2/NDF: 168260.2/26

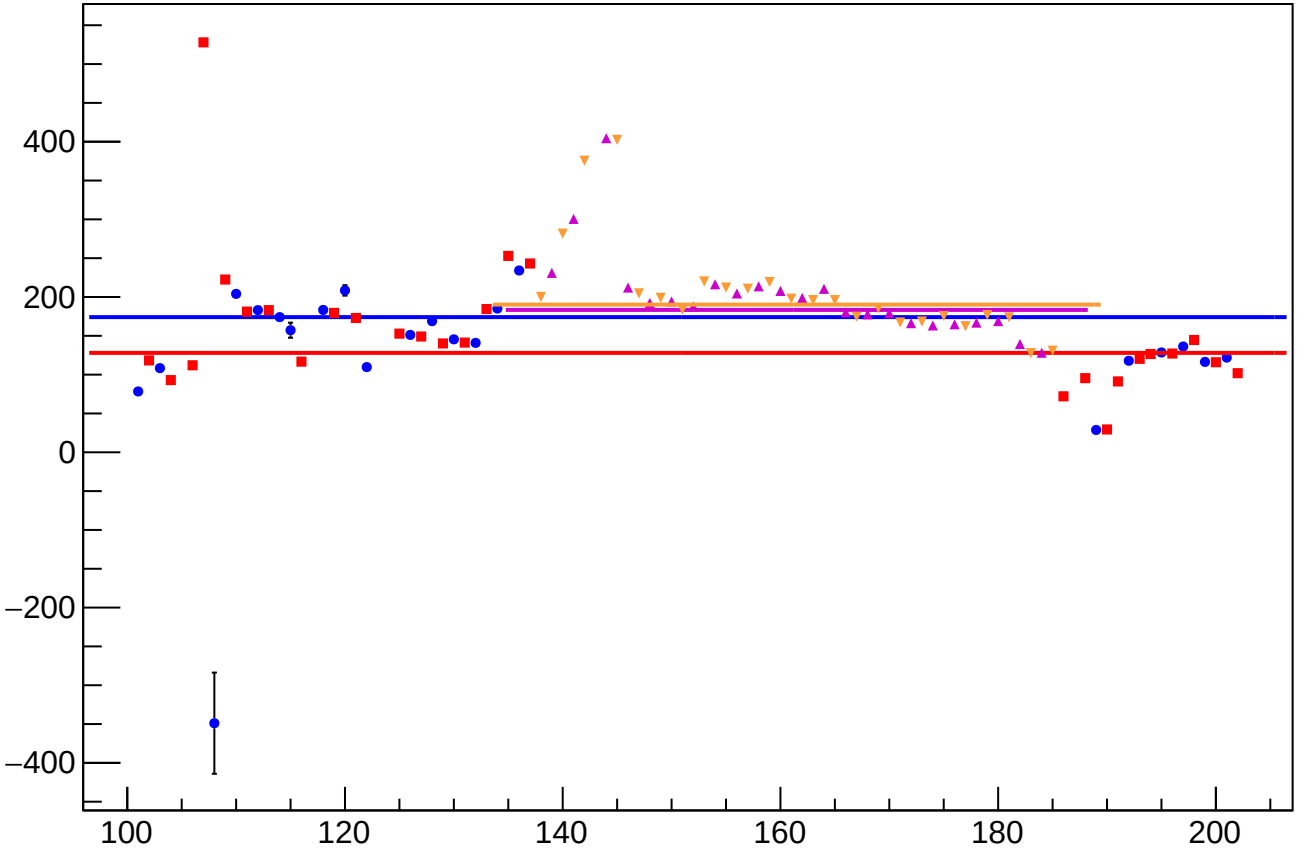
Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

+ sign -158.222+/-0.000 χ^2/NDF: 701730.8/45

All: -158.222+/-0.000 χ^2/NDF: 1533708.2/95

- sign -199.885+/-0.066 χ^2/NDF: 431812.1/49

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 160537.8/21

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 128.042+/-0.089 χ^2/NDF: 164477.1/26

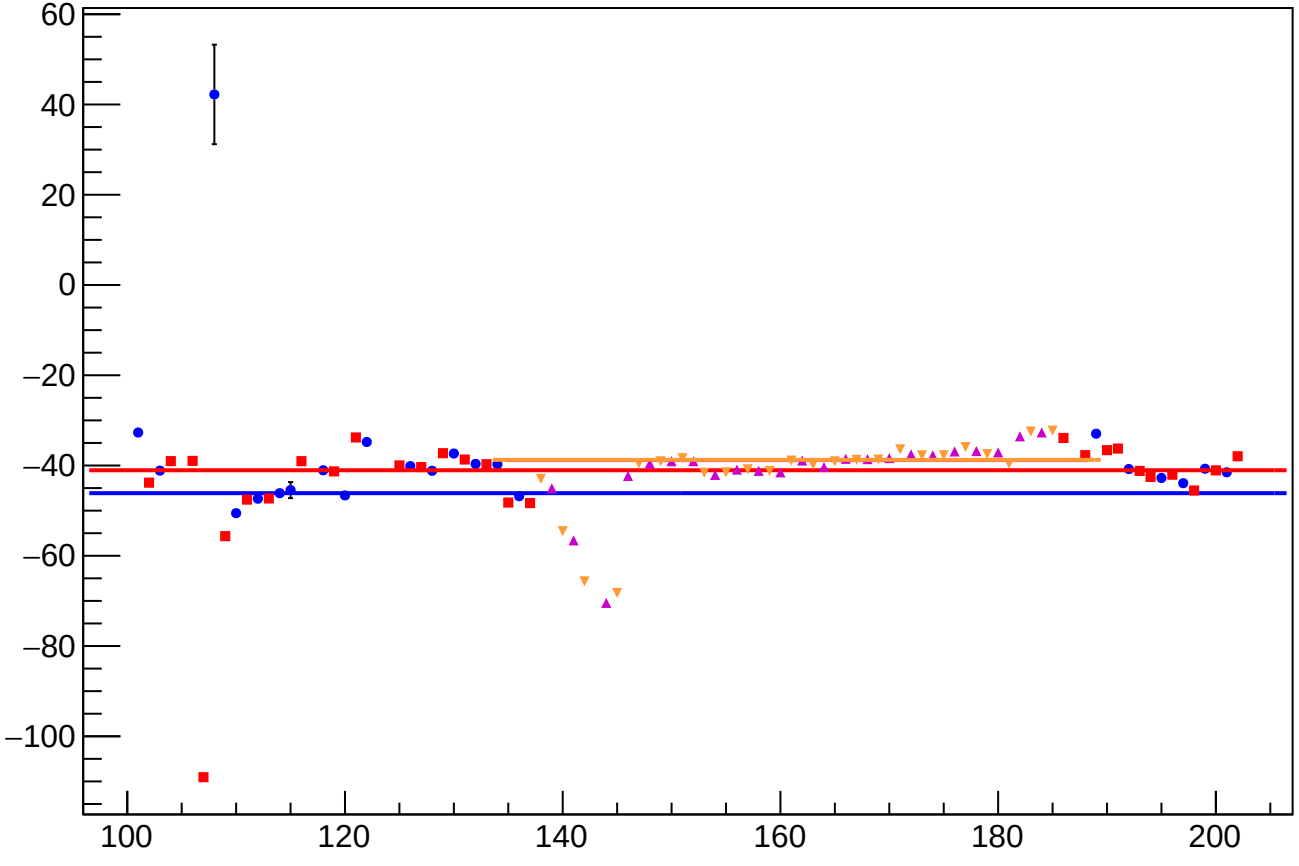
Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

+ sign 174.085+/-0.000 χ^2/NDF: 282165.0/45

All: 174.085+/-0.000 χ^2/NDF: 876822.8/95

- sign 152.861+/-0.066 χ^2/NDF: 492164.0/49

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 463146.3/21

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -41.050+/-0.011 χ^2/NDF: 307169.3/26

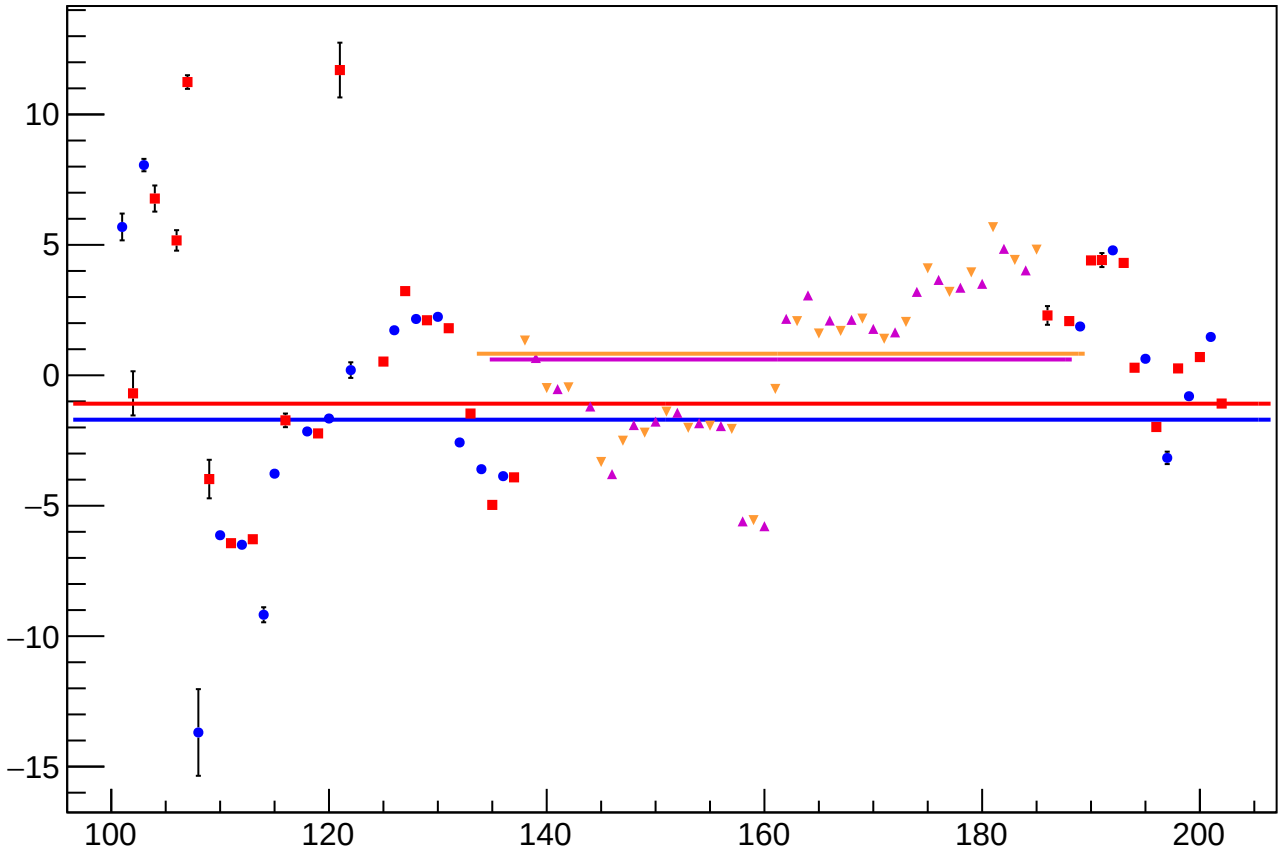
Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

+ sign -46.126+/-0.000 χ^2/NDF: 2440969.5/45

All: -46.126+/-0.000 χ^2/NDF: 4533004.5/95

- sign -39.372+/-0.006 χ^2/NDF: 659582.2/49

dit_usl_4aY_slope vs Slug



Right In: -1.701+/-0.017 χ^2/NDF: 31707.5/21

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.088+/-0.019 χ^2/NDF: 35881.9/26

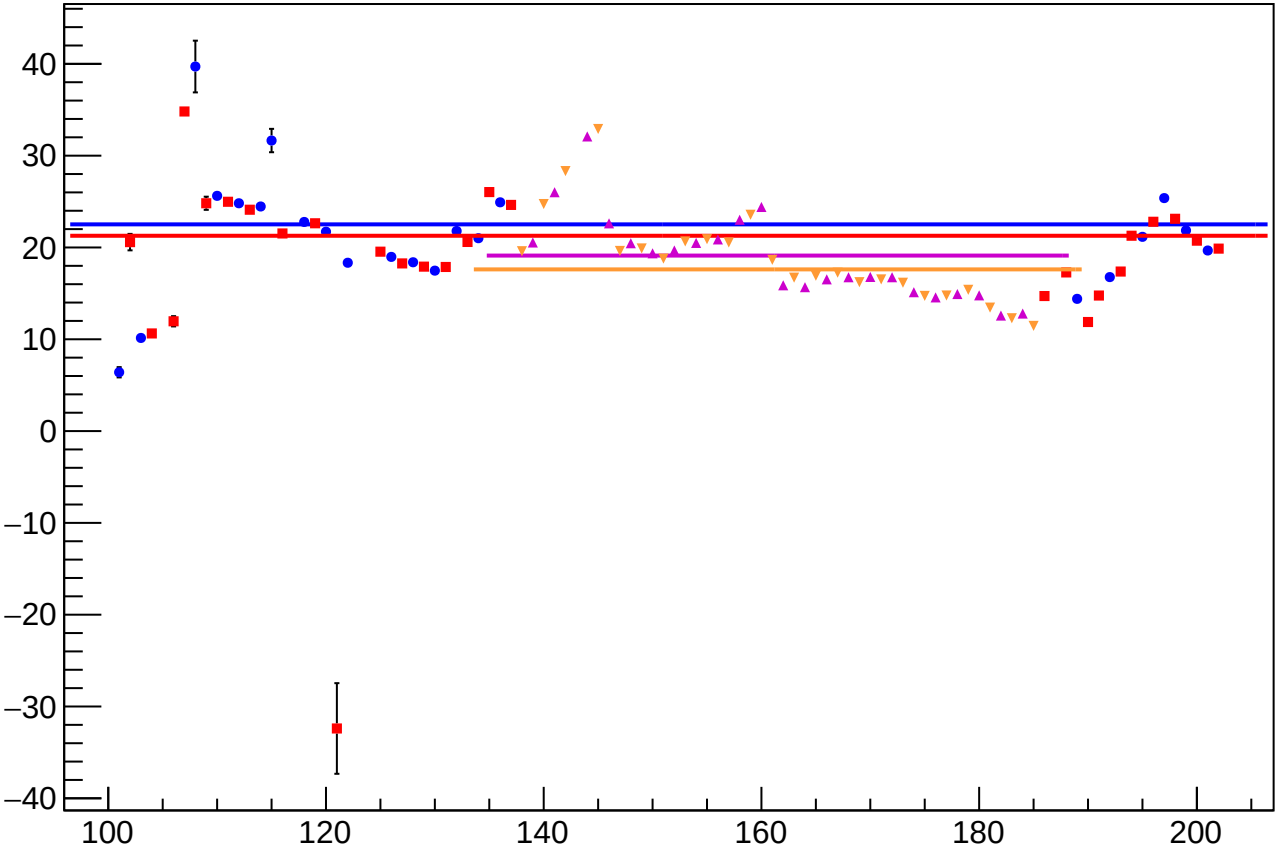
Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

+ sign 0.535+/-0.006 χ^2/NDF: 306741.1/45

All: 0.512+/-0.004 χ^2/NDF: 681301.6/95

- sign 0.495+/-0.005 χ^2/NDF: 374532.1/49

dit_usl_4eY_slope vs Slug



Right In: 22.518+/-0.018 χ^2/NDF: 25868.5/21

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.276+/-0.019 χ^2/NDF: 28632.0/26

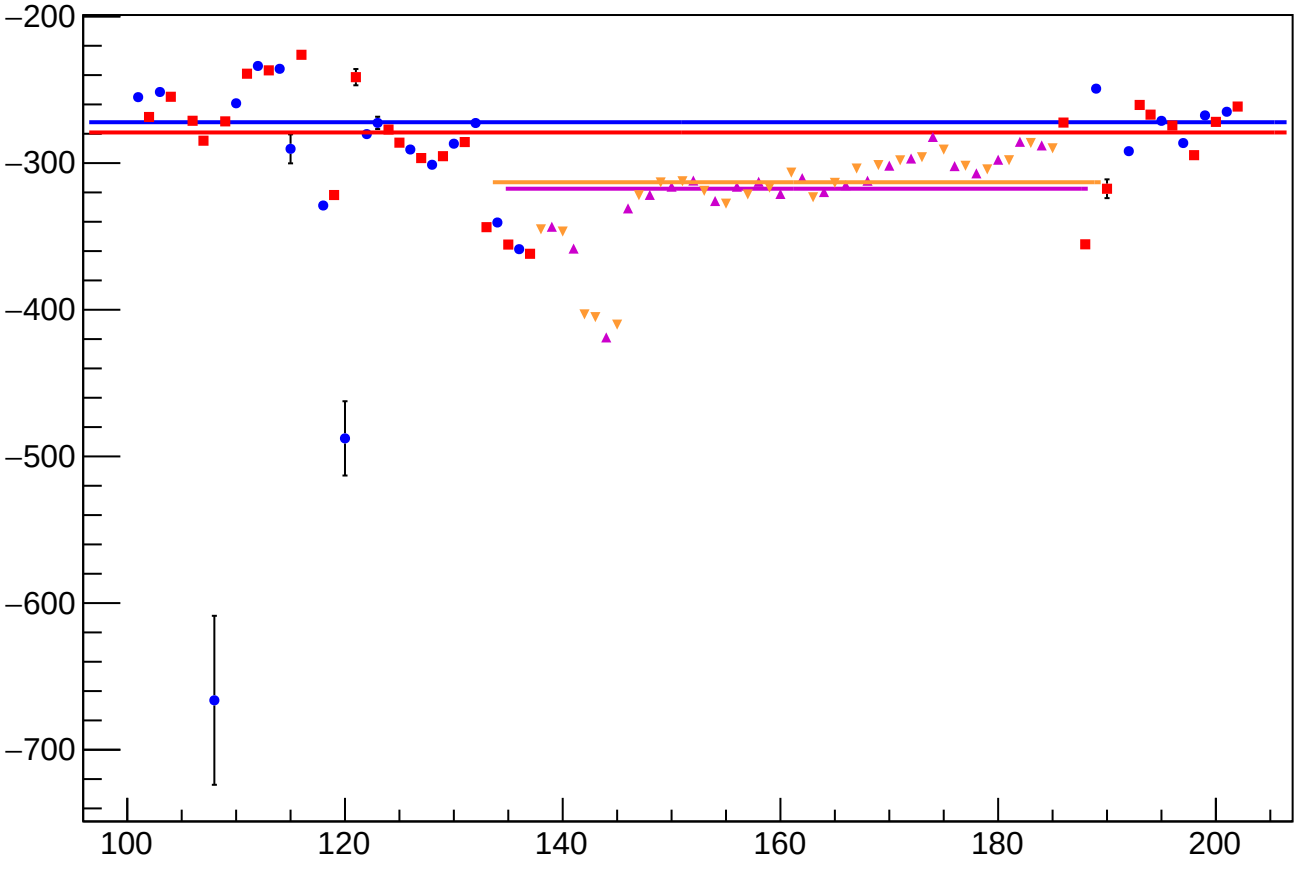
Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

+ sign 18.278+/-0.007 χ^2/NDF: 268579.6/45

All: 18.830+/-0.005 χ^2/NDF: 551956.3/95

- sign 19.385+/-0.007 χ^2/NDF: 269457.9/49

dit_usr_4aX_slope vs Slug



Right In: -272.127+/-0.112 χ^2/NDF: 60729.5/22

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -279.109+/-0.095 χ^2/NDF: 67863.2/26

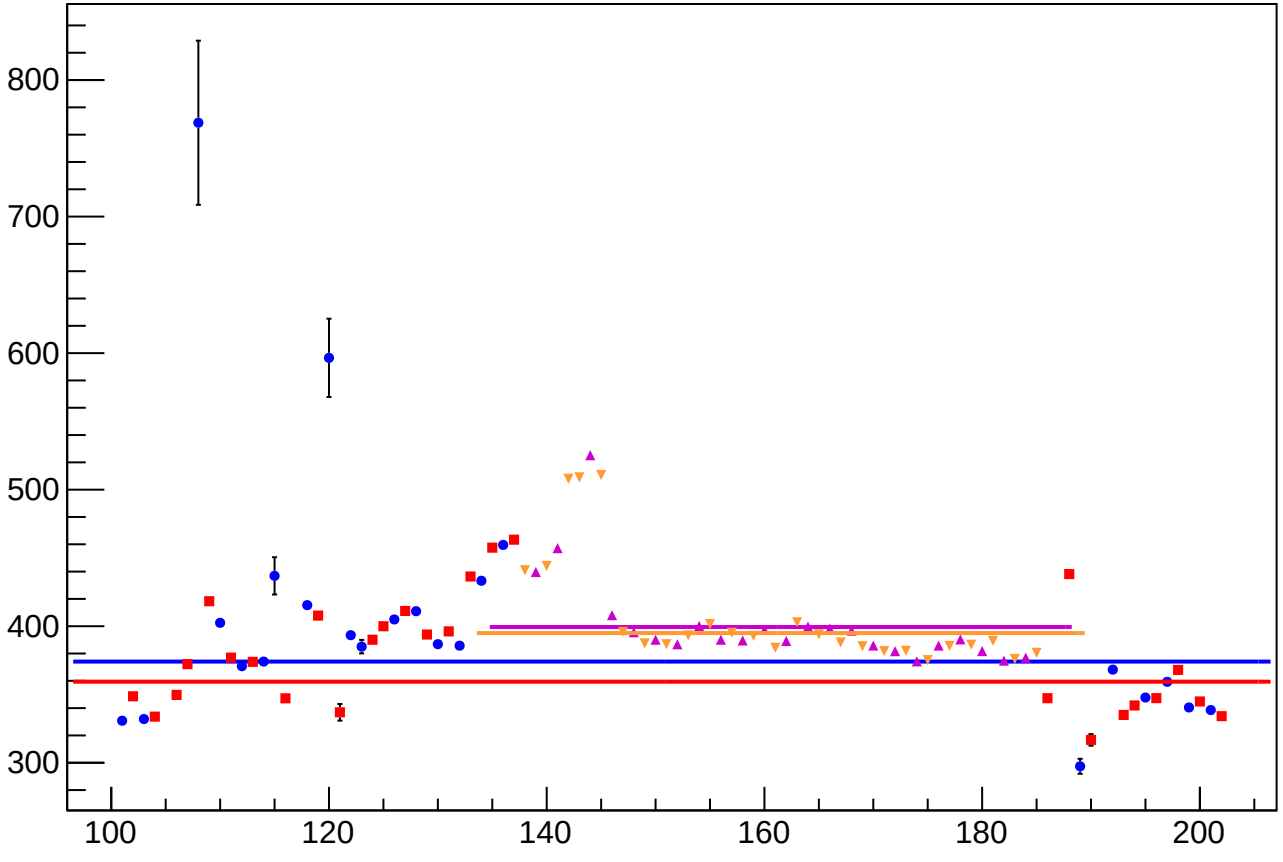
Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

+ sign -295.838+/-0.073 χ^2/NDF: 191849.8/47

All: -297.186+/-0.050 χ^2/NDF: 404380.9/97

- sign -298.337+/-0.067 χ^2/NDF: 211897.8/49

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 88047.4/22

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 359.374+/-0.095 χ^2/NDF: 100448.2/26

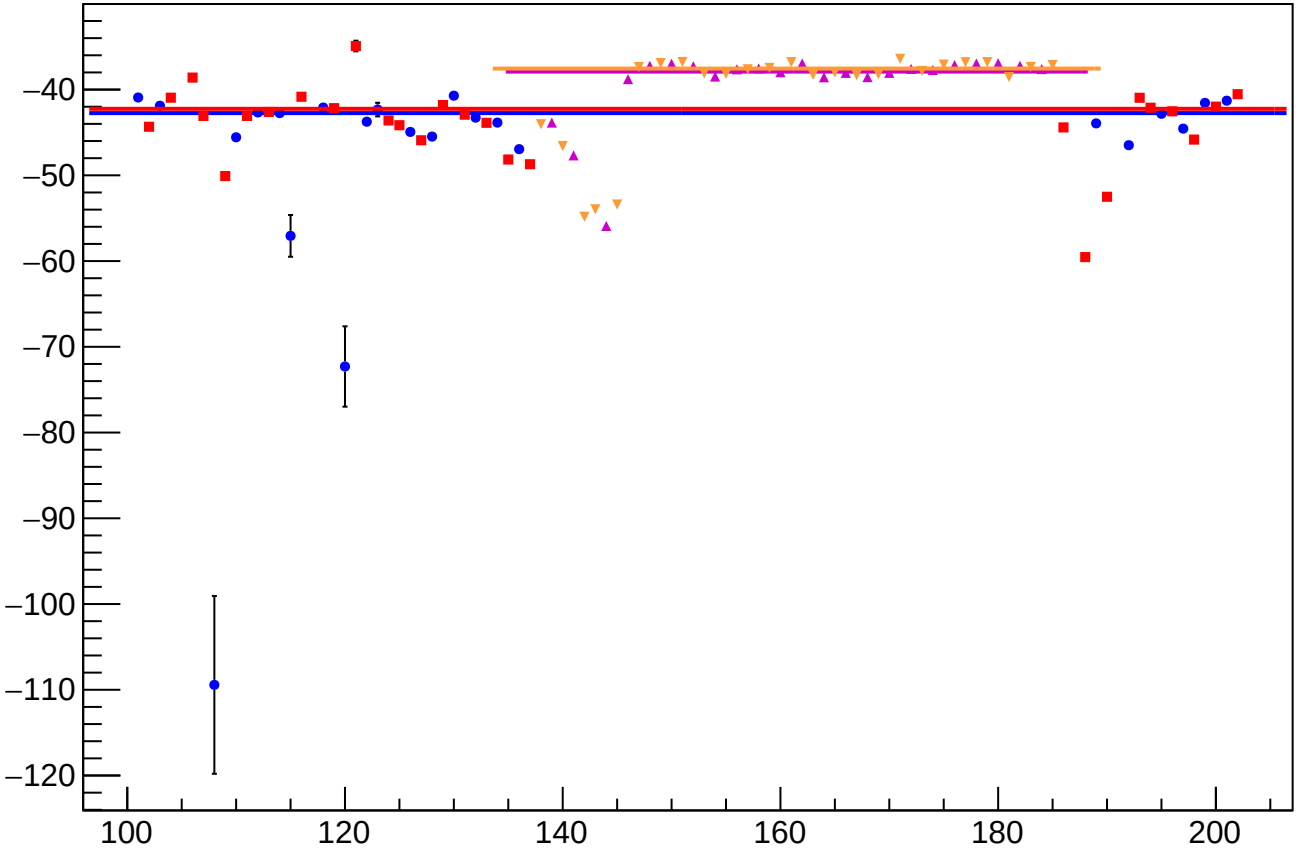
Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

+ sign 374.094+/-0.000 χ^2/NDF: 203394.3/47

All: 374.094+/-0.000 χ^2/NDF: 473345.6/97

- sign 379.010+/-0.068 χ^2/NDF: 264698.8/49

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 19089.0/22

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -42.241+/-0.011 χ^2/NDF: 25938.6/26

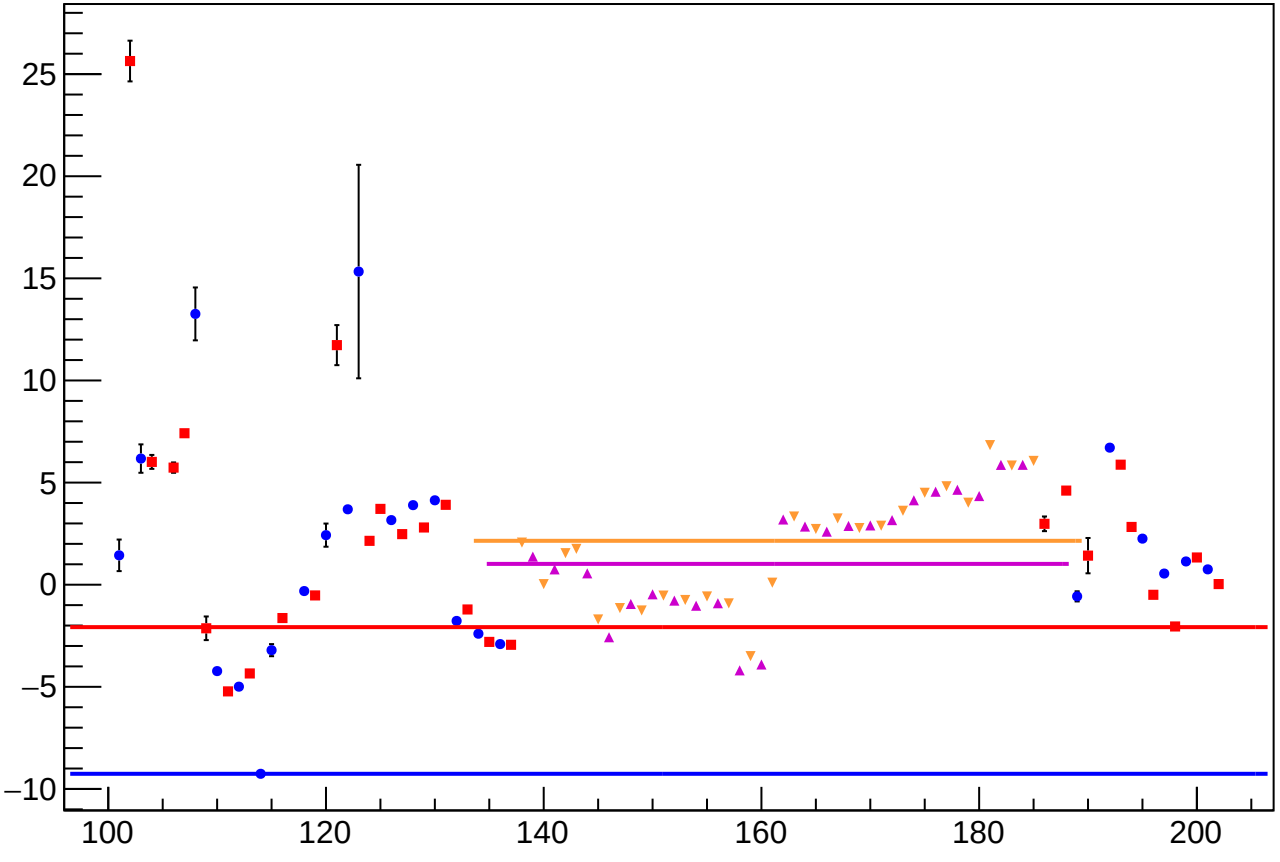
Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

+ sign -42.744+/-0.000 χ^2/NDF: 2121768.6/47

All: -42.744+/-0.000 χ^2/NDF: 3668524.8/97

- sign -38.415+/-0.004 χ^2/NDF: 311761.4/49

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 470017.4/22

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.077+/-0.008 χ^2/NDF: 70127.0/26

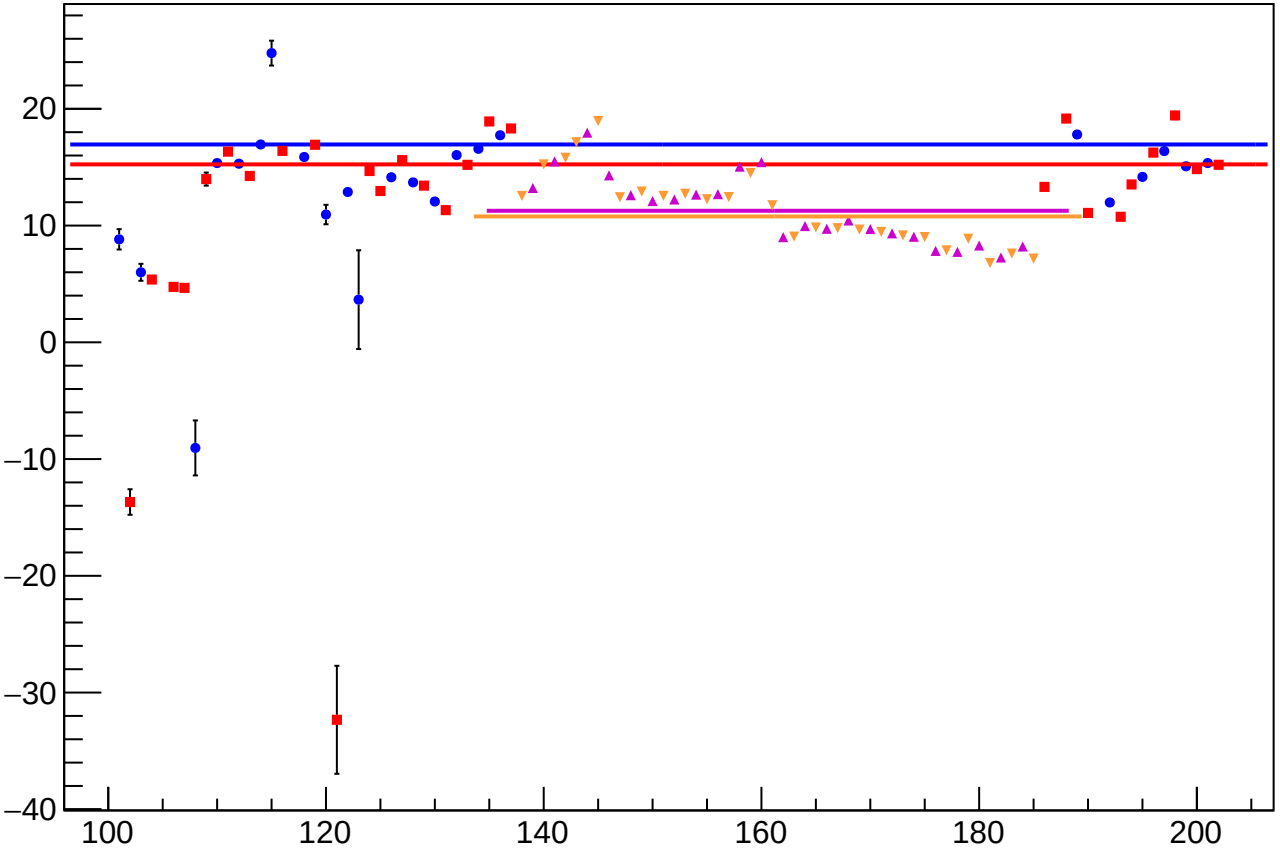
Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

+ sign -9.259+/-0.000 χ^2/NDF: 6203614.9/47

All: -9.259+/-0.000 χ^2/NDF: 10681744.0/97

- sign -0.110+/-0.005 χ^2/NDF: 427635.1/49

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 13600.7/22

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.241+/-0.015 χ^2/NDF: 33905.6/26

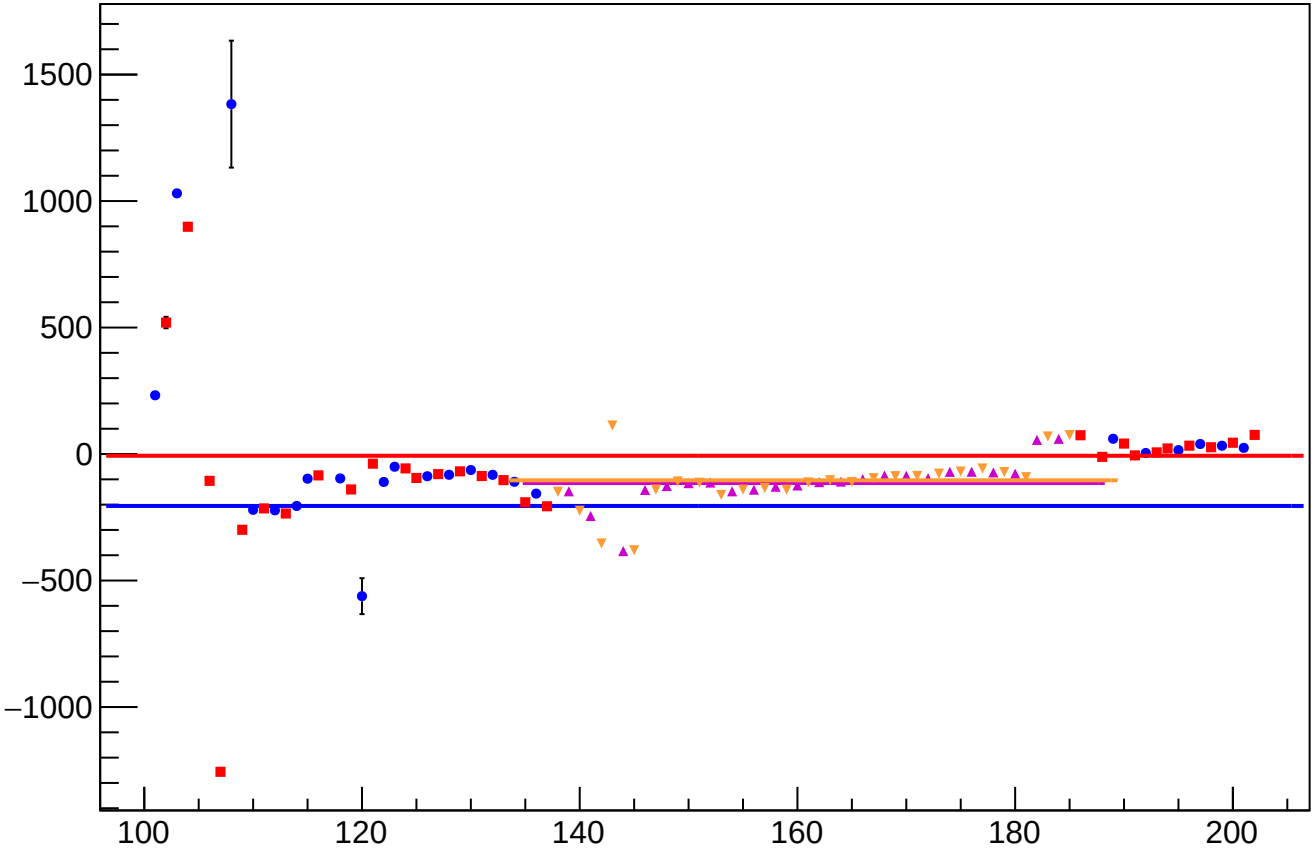
Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

+ sign 16.947+/-0.000 χ^2/NDF: 997957.0/47

All: 16.947+/-0.000 χ^2/NDF: 1668292.3/97

- sign 12.141+/-0.007 χ^2/NDF: 188821.2/49

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 1834808.1/22

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -6.778+/-0.203 χ^2/NDF: 185997.0/27

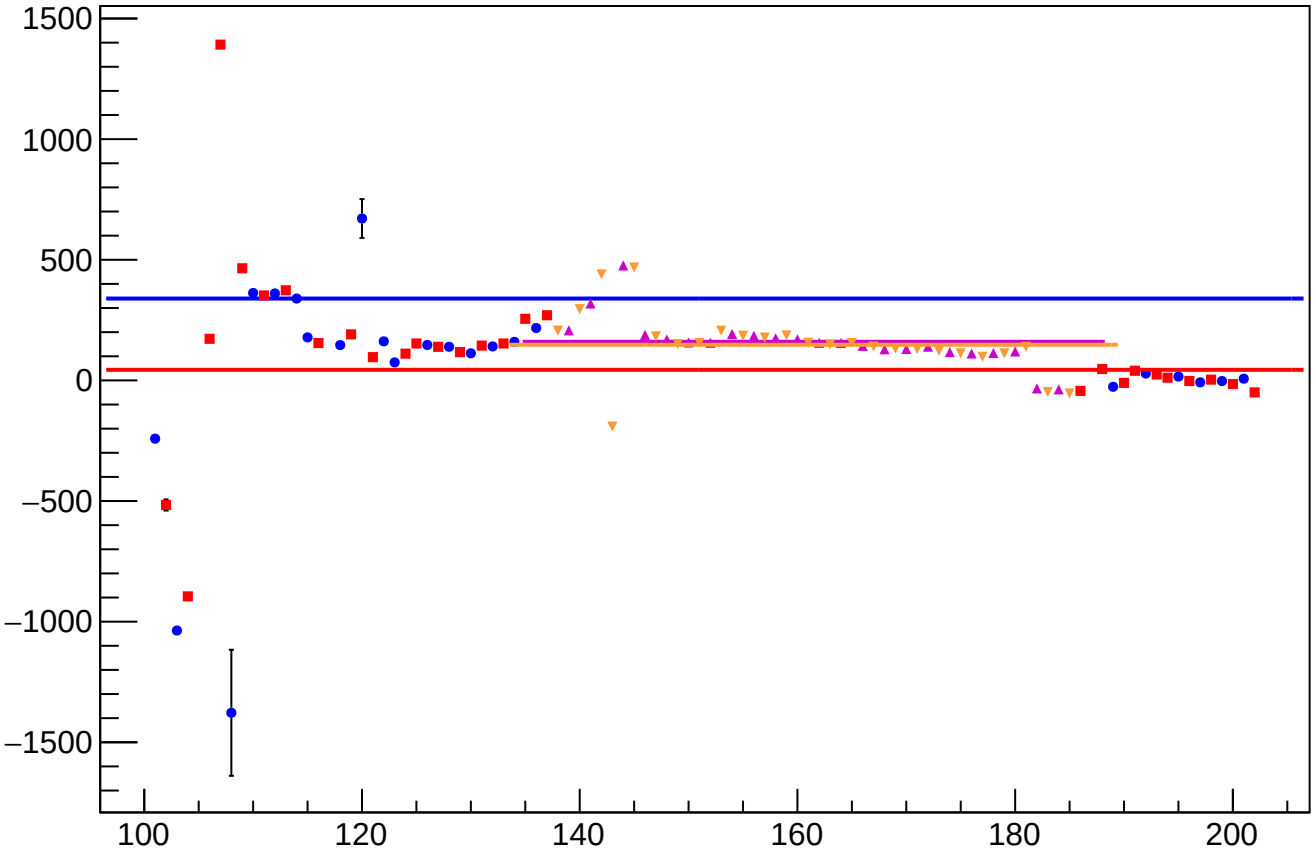
Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

+ sign -205.160+/-0.000 χ^2/NDF: 2208930.0/47

All: -205.160+/-0.000 χ^2/NDF: 3587319.8/98

- sign -55.210+/-0.151 χ^2/NDF: 389062.8/50

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 2285948.0/22

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 43.961+/-0.199 χ^2/NDF: 280143.8/27

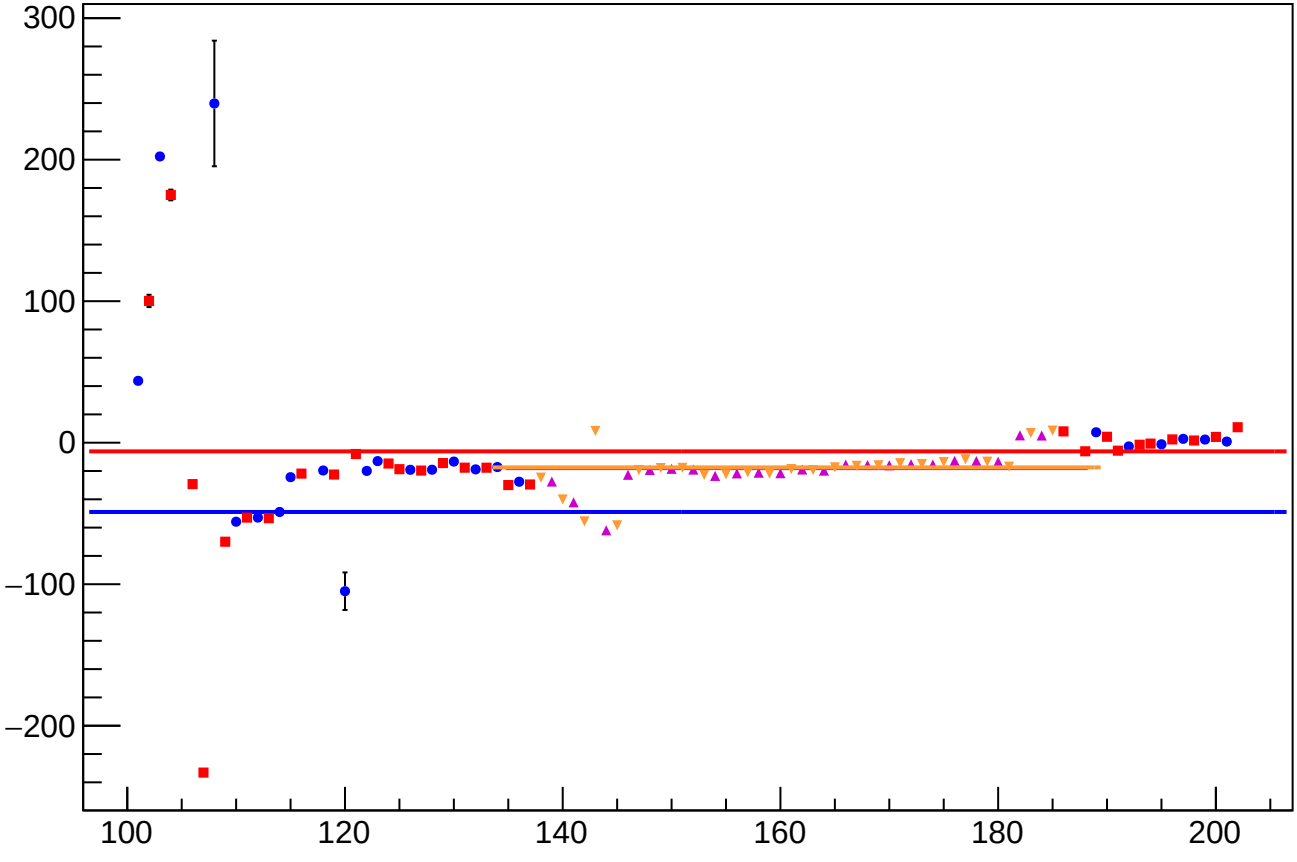
Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

+ sign 339.325+/-0.000 χ^2/NDF: 3373854.4/47

All: 339.325+/-0.000 χ^2/NDF: 6551036.6/98

- sign 93.728+/-0.150 χ^2/NDF: 509690.5/50

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 7783660.3/22

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -6.133+/-0.026 χ^2/NDF: 404613.5/27

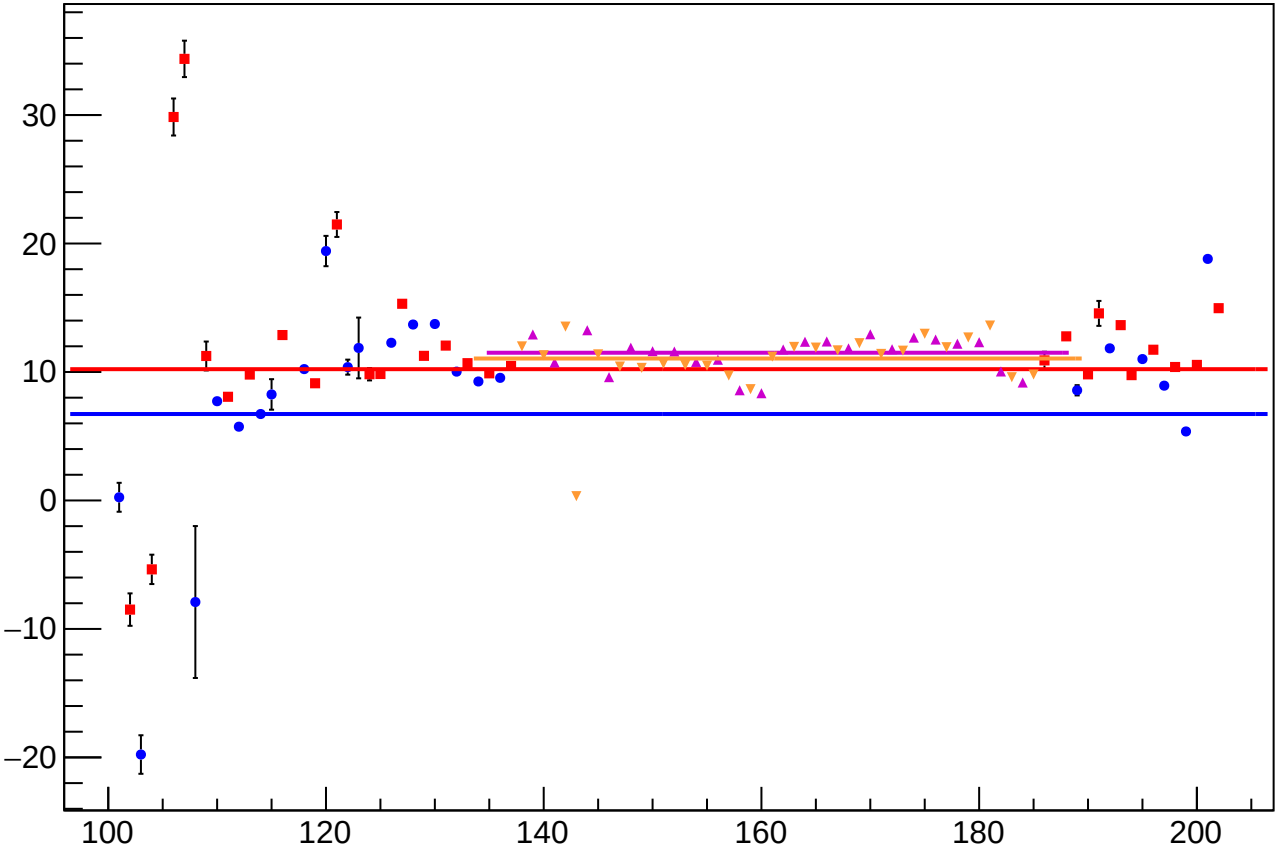
Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

+ sign -48.945+/-0.000 χ^2/NDF: 18401143.6/47

All: -48.945+/-0.000 χ^2/NDF: 28058652.1/98

- sign -15.863+/-0.011 χ^2/NDF: 820736.6/50

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 17613.1/22

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.219+/-0.033 χ^2/NDF: 6292.3/27

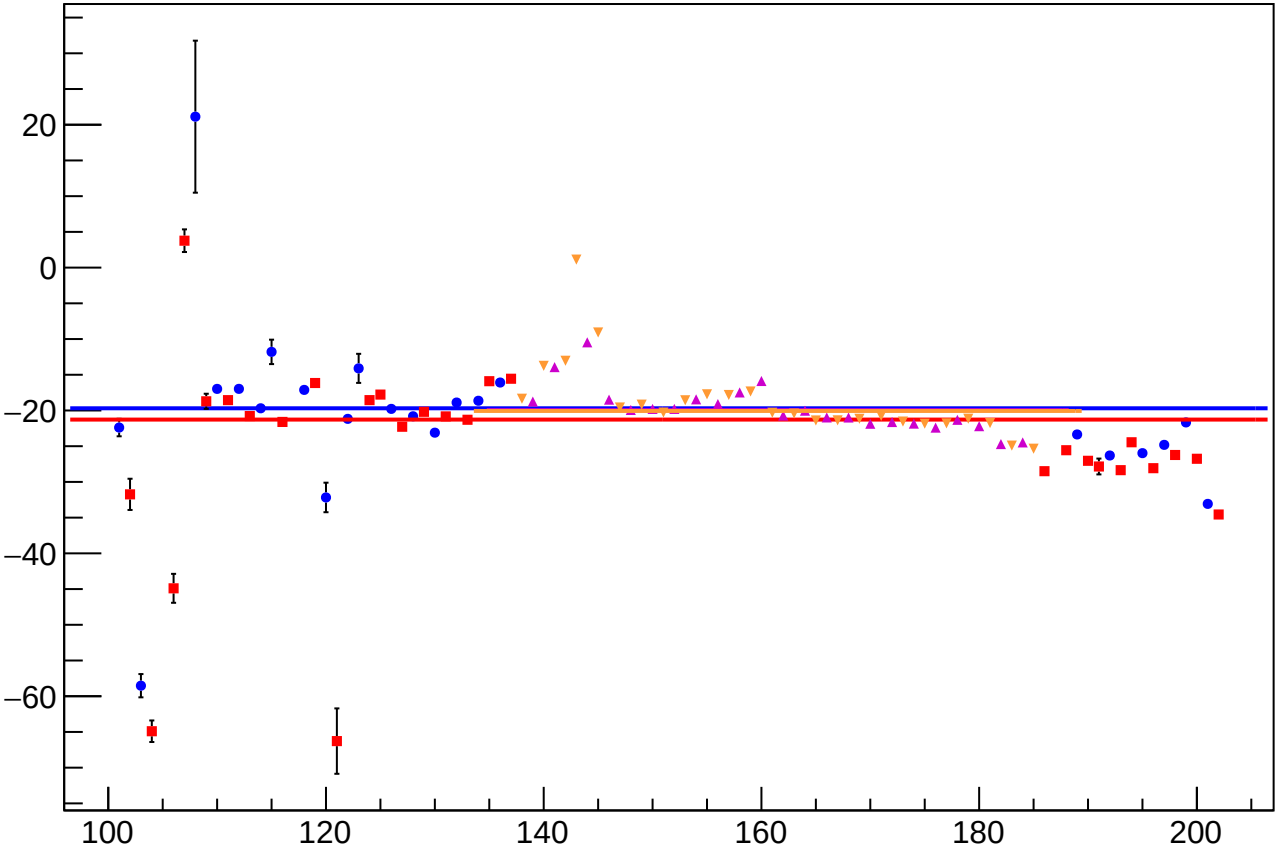
Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

+ sign 6.728+/-0.000 χ^2/NDF: 173686.3/47

All: 6.728+/-0.000 χ^2/NDF: 416272.9/98

- sign 11.381+/-0.010 χ^2/NDF: 23513.0/50

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 13960.7/22

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -21.274+/-0.043 χ^2/NDF: 8930.3/27

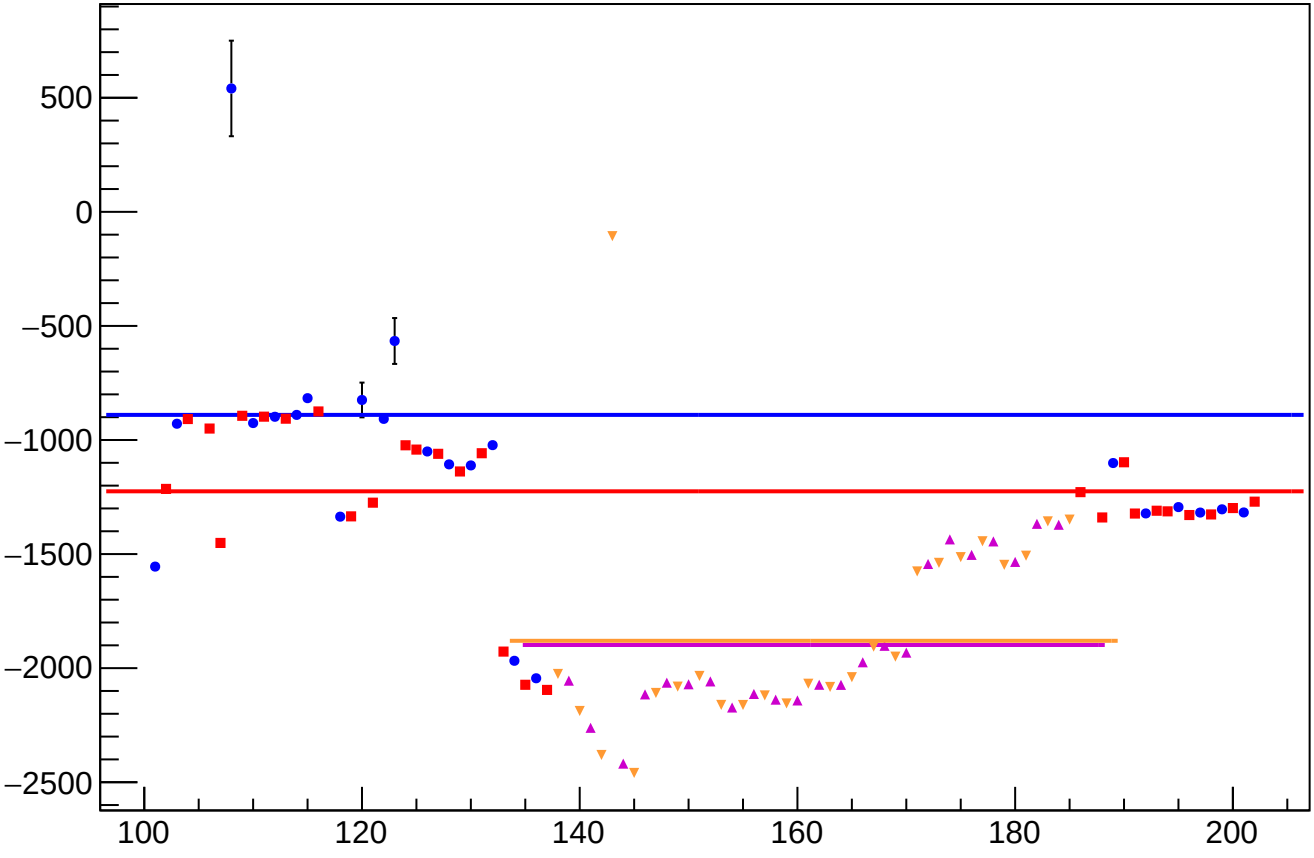
Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

+ sign -19.693+/-0.000 χ^2/NDF: 86148.6/47

All: -19.693+/-0.000 χ^2/NDF: 119404.5/98

- sign -20.102+/-0.014 χ^2/NDF: 32433.3/50

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 1842176.5/22

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1224.936+/-0.200 χ^2/NDF: 984895.5/27

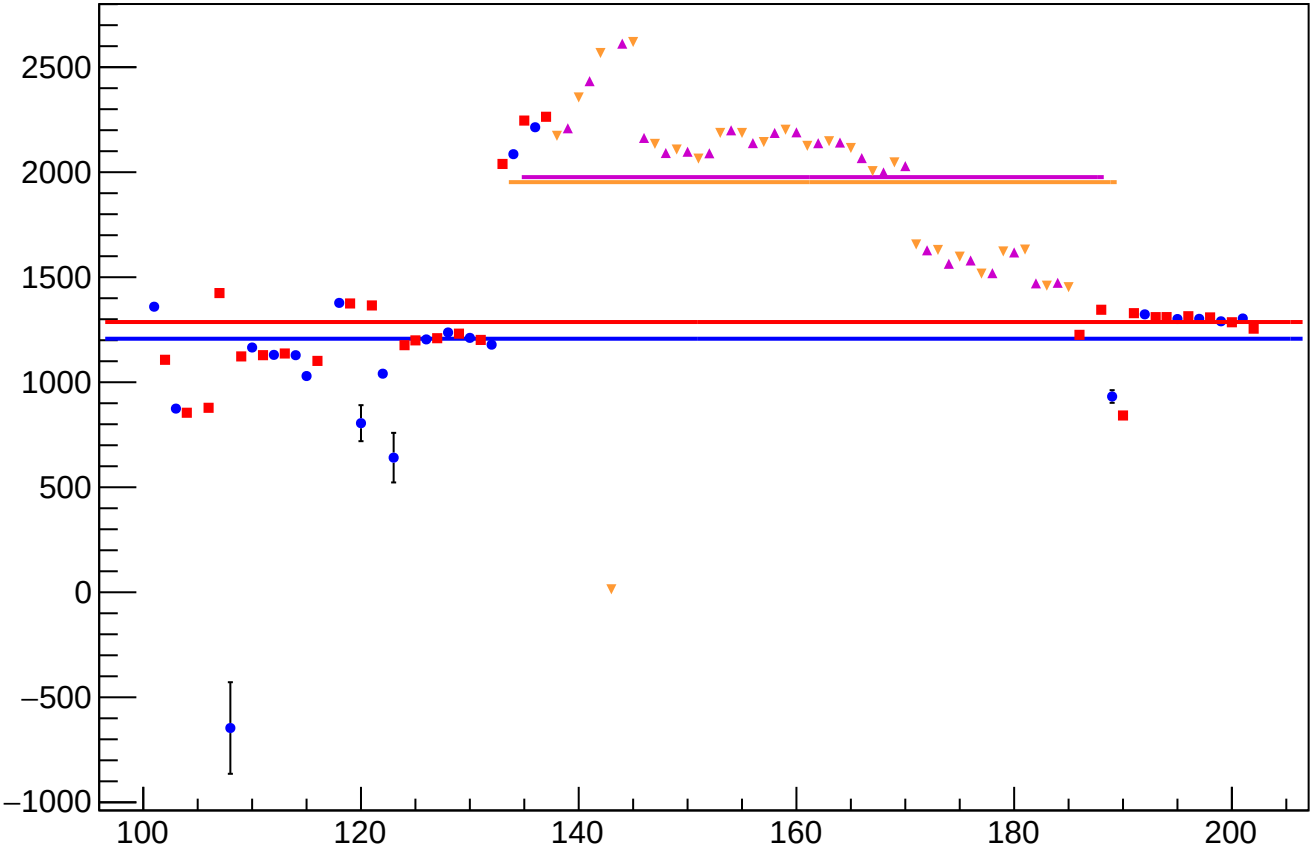
Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

+ sign -889.928+/-0.000 χ^2/NDF: 10587191.0/47

All: -889.928+/-0.000 χ^2/NDF: 22752964.9/9

- sign -1381.808+/-0.176 χ^2/NDF: 4313492.6/50

dit_atl2_4eX_slope vs Slug



Right In: 1207.148+/-0.208 χ^2/NDF: 586464.2/22

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1286.716+/-0.200 χ^2/NDF: 534415.0/27

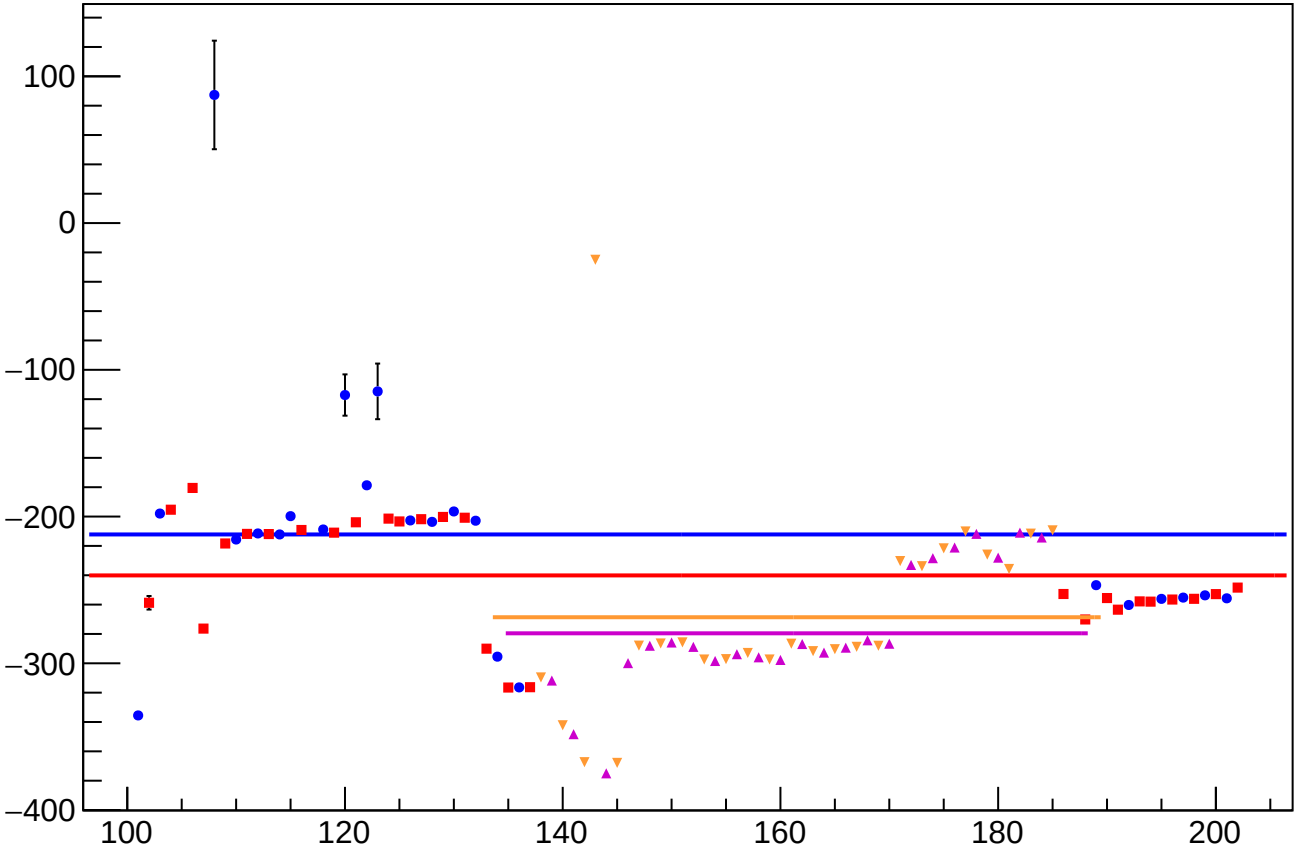
Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

+ sign 1398.786+/-0.179 χ^2/NDF: 4702223.2/47

All: 1421.889+/-0.125 χ^2/NDF: 8619438.0/98

- sign 1443.932+/-0.175 χ^2/NDF: 3884835.5/50

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1900783.2/22

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -240.107+/-0.025 χ^2/NDF: 967398.8/27

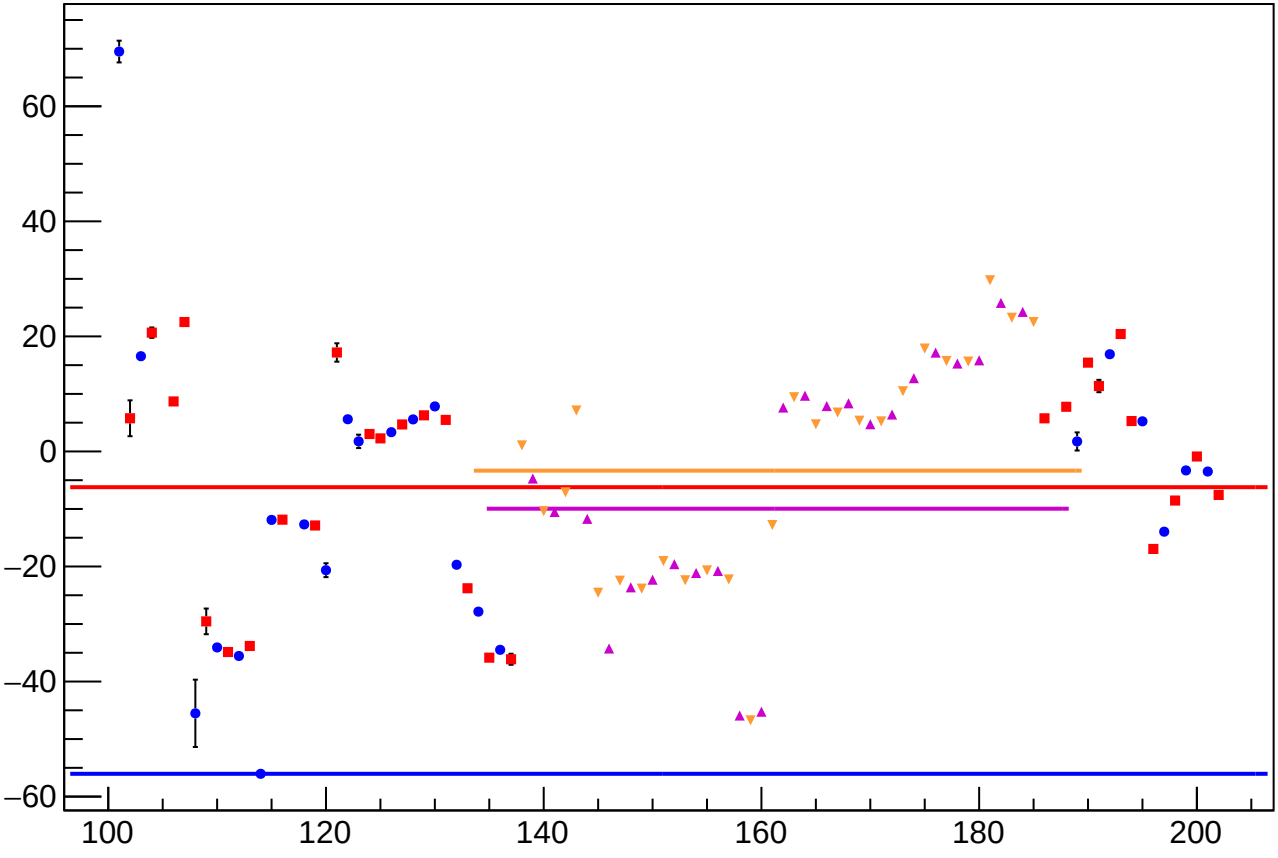
Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

+ sign -212.190+/-0.000 χ^2/NDF: 15498810.4/47

All: -212.190+/-0.000 χ^2/NDF: 29635916.1/9

- sign -263.013+/-0.017 χ^2/NDF: 4656914.4/50

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1748901.0/22

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.214+/-0.039 χ^2/NDF: 188970.6/27

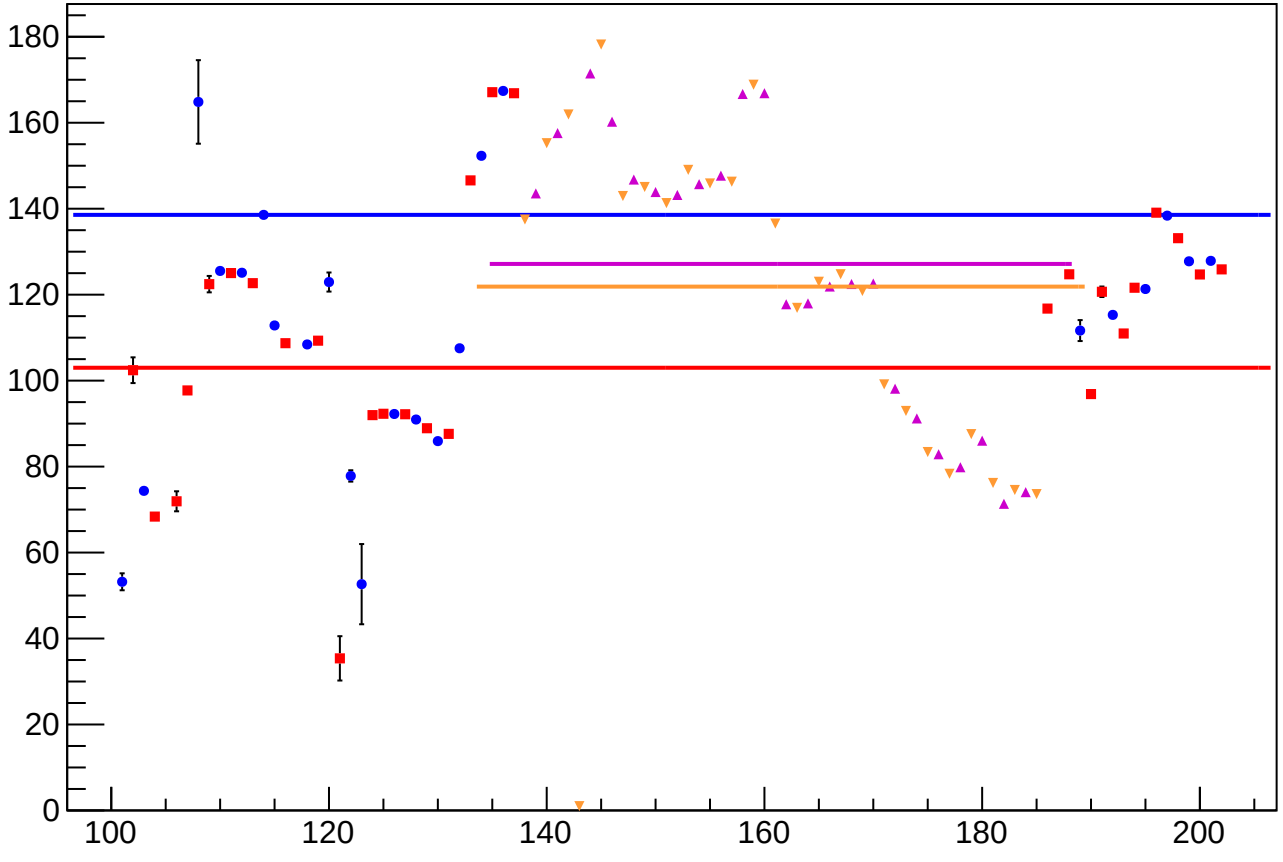
Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

+ sign -56.037+/-0.000 χ^2/NDF: 12136467.0/47

All: -56.037+/-0.000 χ^2/NDF: 21874570.4/98

- sign -9.269+/-0.017 χ^2/NDF: 1886337.9/50

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 913760.6/22

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 102.998+/-0.032 χ^2/NDF: 360233.6/27

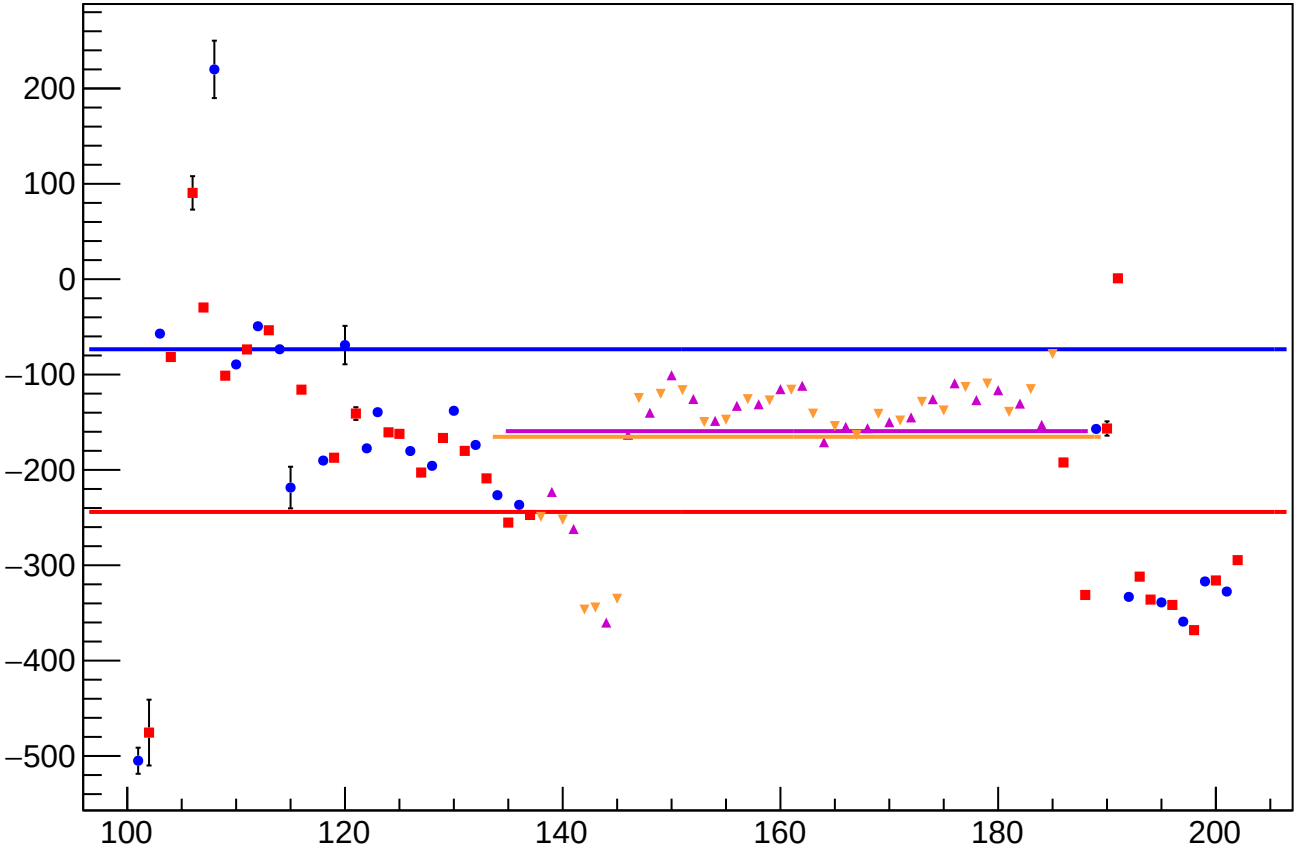
Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

+ sign 138.565+/-0.000 χ^2/NDF: 3002881.9/47

All: 138.565+/-0.000 χ^2/NDF: 6160109.3/98

- sign 117.324+/-0.020 χ^2/NDF: 2046897.0/50

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 443201.9/22

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -244.096+/-0.228 χ^2/NDF: 214310.7/27

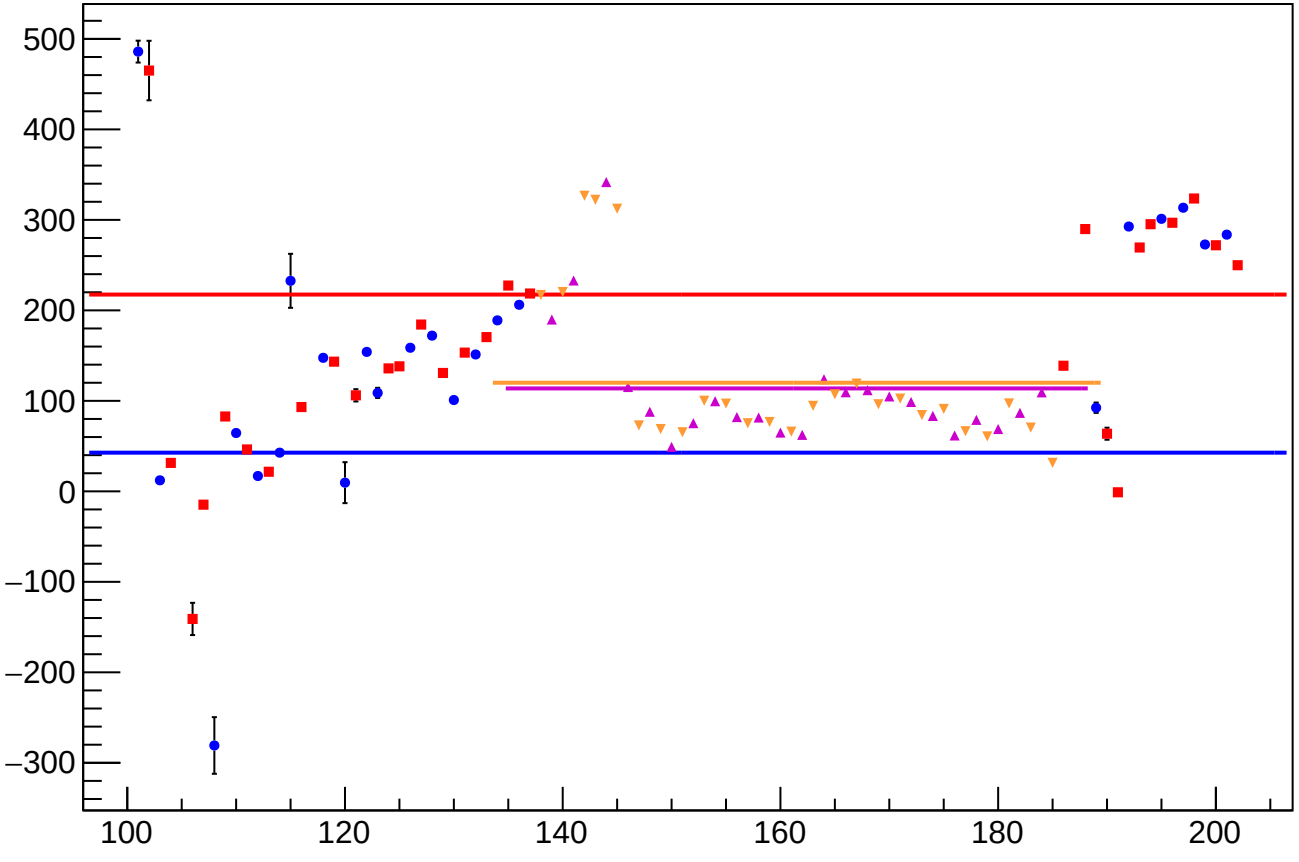
Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

+ sign -73.485+/-0.000 χ^2/NDF: 684418.1/47

All: -73.485+/-0.000 χ^2/NDF: 1660800.8/98

- sign -203.716+/-0.165 χ^2/NDF: 353949.7/50

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 419039.9/22

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 217.469+/-0.233 χ^2/NDF: 171264.7/27

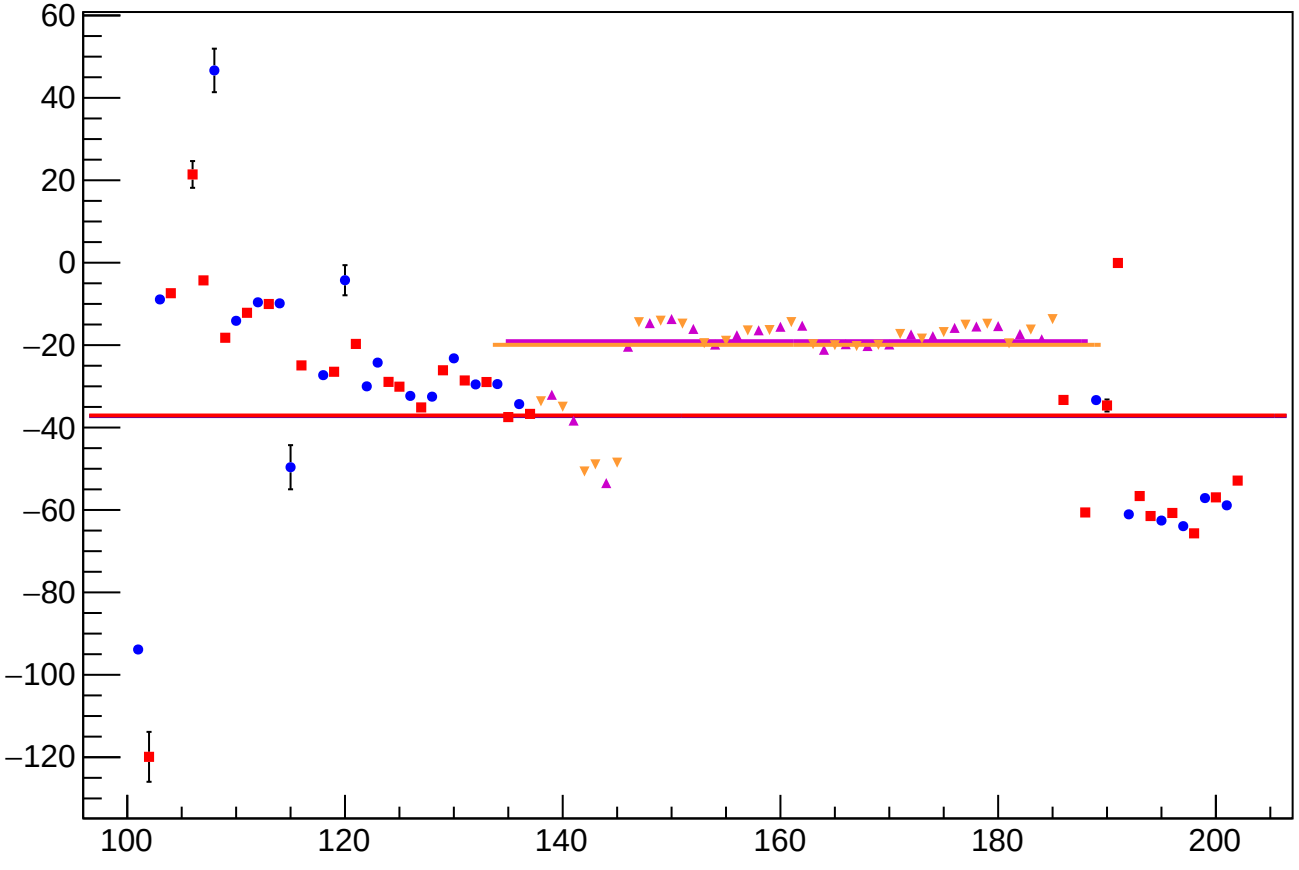
Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF: 623397.9/47

All: 42.743+/-0.000 χ^2/NDF: 1520040.4/98

- sign 168.393+/-0.169 χ^2/NDF: 346606.4/50

dit_atr1_11X12X_slope vs Slug



Right In: -37.216+/-0.029 χ^2/NDF: 260090.4/22

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -37.081+/-0.027 χ^2/NDF: 654720.4/27

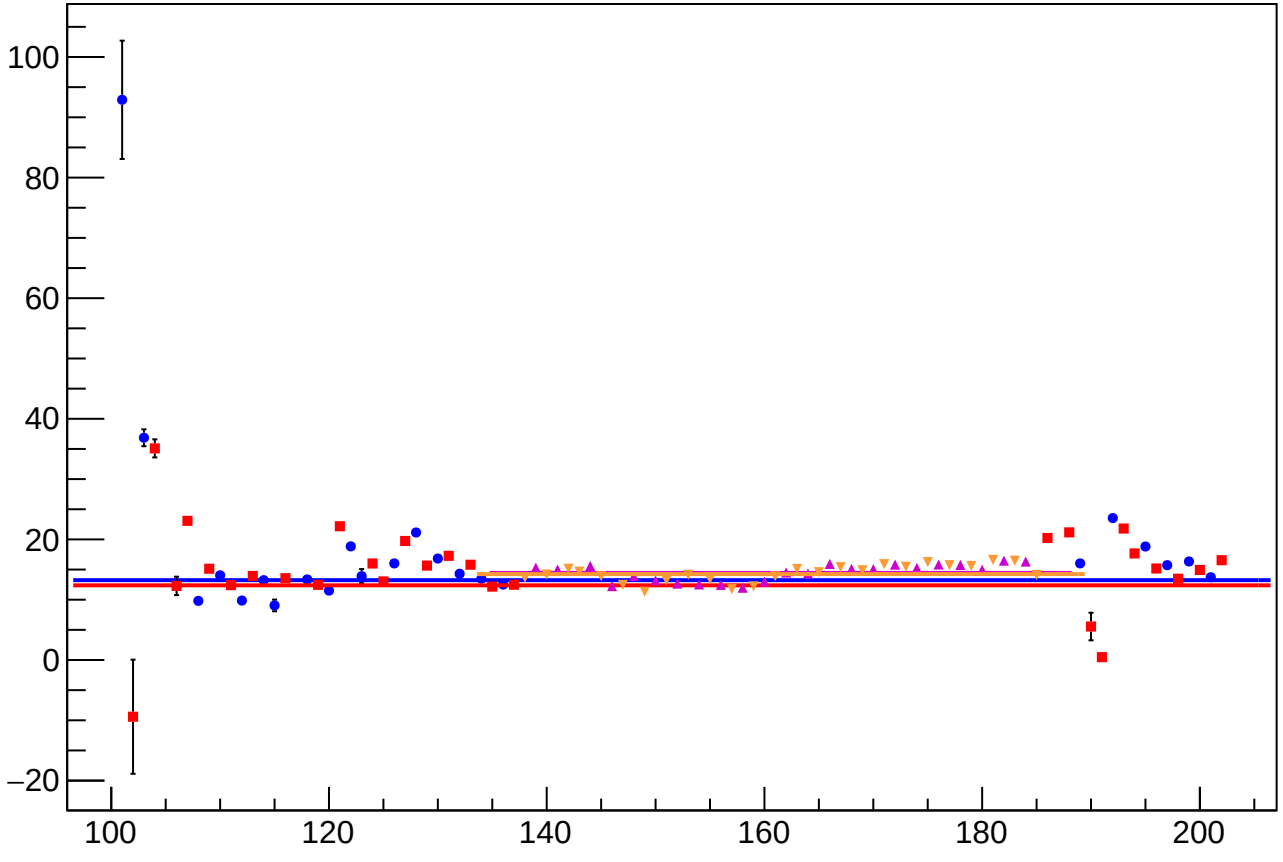
Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

+ sign -22.492+/-0.011 χ^2/NDF: 930189.0/47

All: -22.698+/-0.008 χ^2/NDF: 2161645.5/98

- sign -22.944+/-0.012 χ^2/NDF: 1230728.8/50

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 8005.6/22

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.382+/-0.038 χ^2/NDF: 24856.7/27

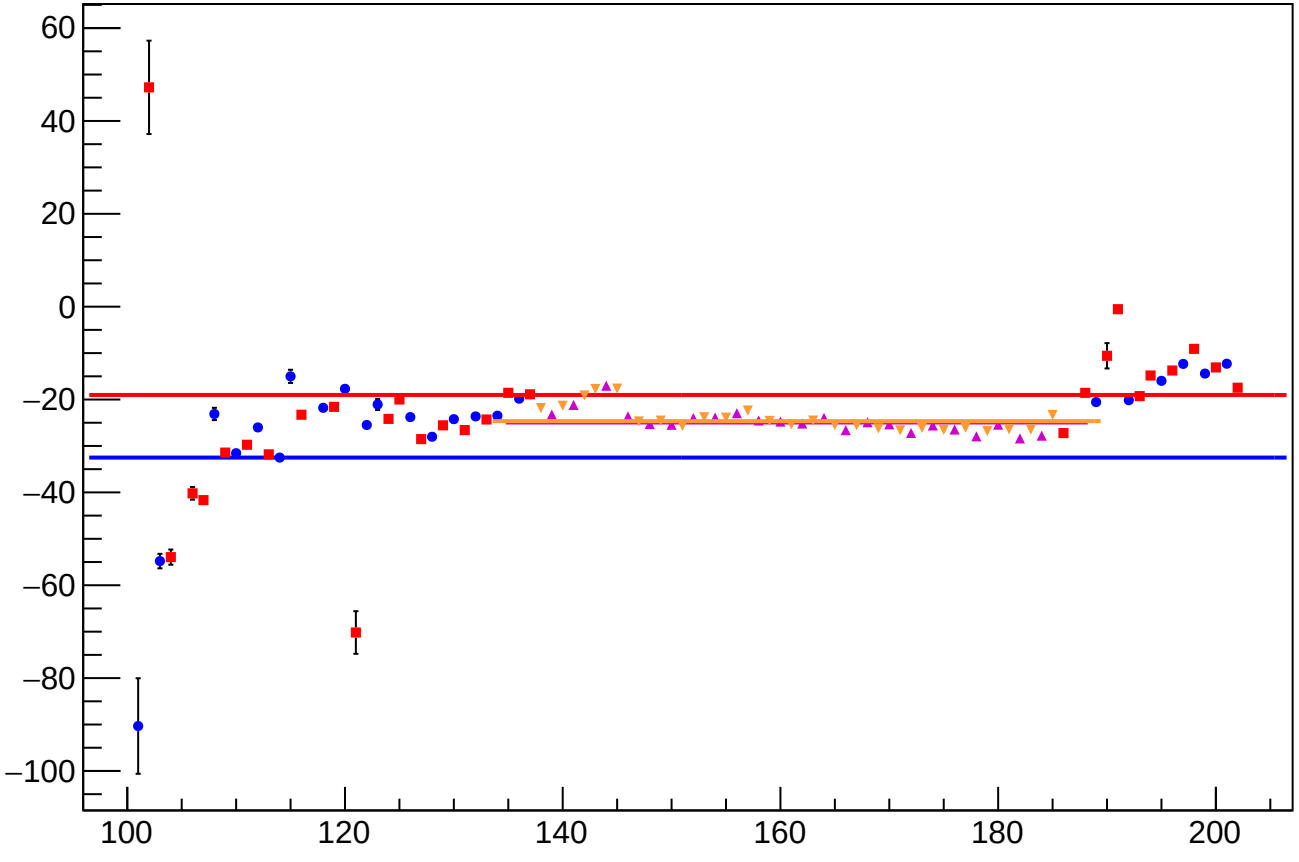
Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

+ sign 13.238+/-0.000 χ^2/NDF: 27442.9/47

All: 13.238+/-0.000 χ^2/NDF: 76417.6/98

- sign 14.267+/-0.011 χ^2/NDF: 40443.8/50

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 92595.9/22

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -19.014+/-0.039 χ^2/NDF: 65760.7/27

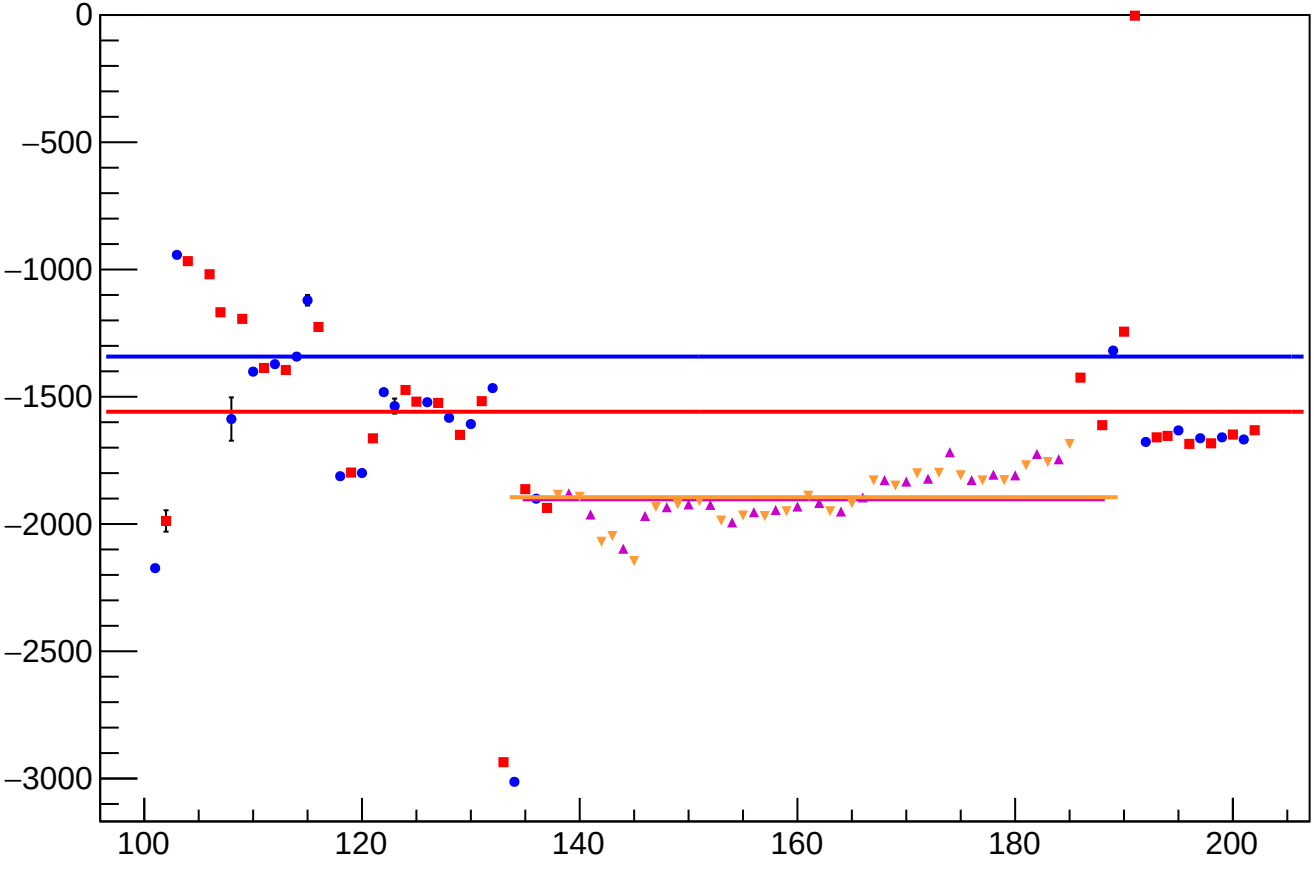
Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

+ sign -32.504+/-0.000 χ^2/NDF: 390983.9/47

All: -32.504+/-0.000 χ^2/NDF: 839800.9/98

- sign -24.159+/-0.014 χ^2/NDF: 100129.5/50

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 868902.8/22

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1558.798+/-0.237 χ^2/NDF: 1988766.8/27

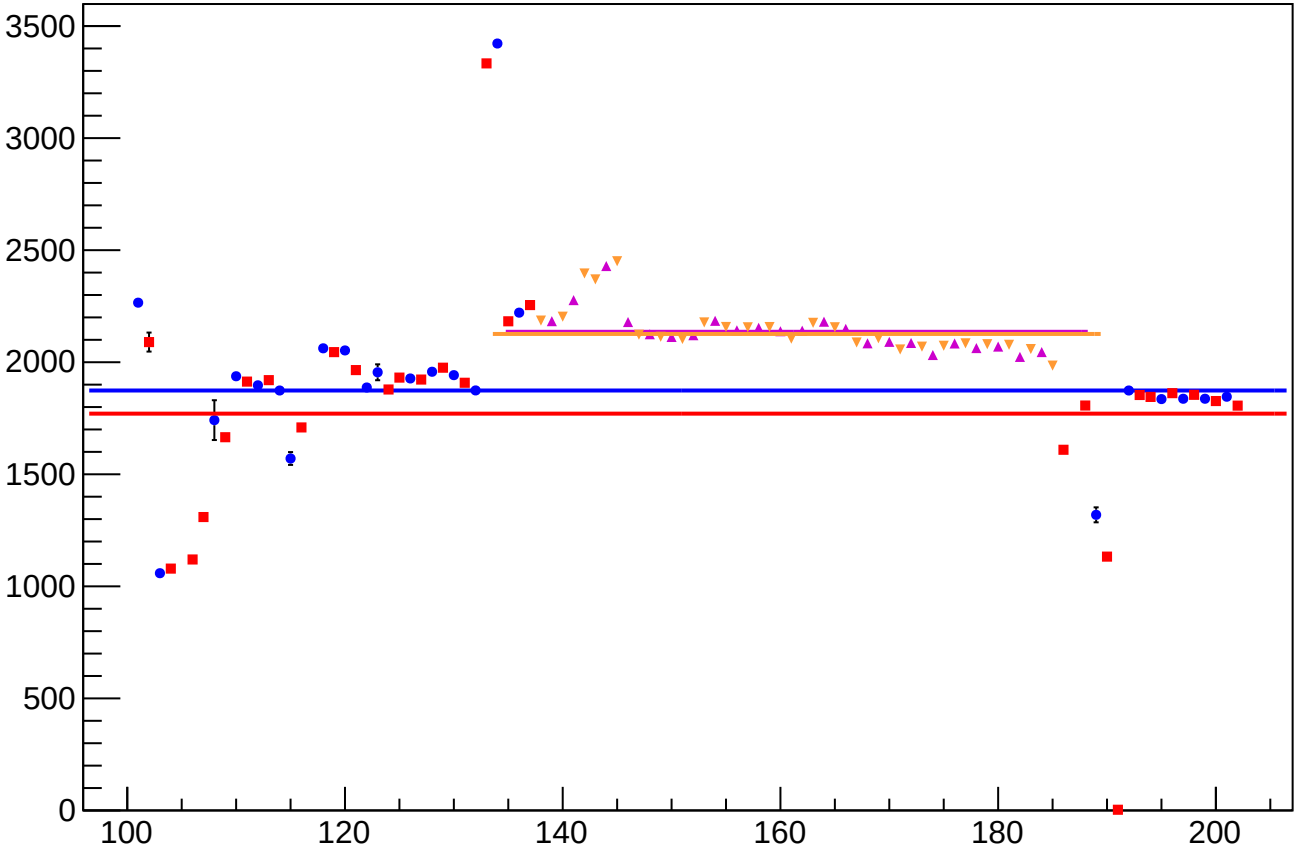
Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

+ sign -1342.107+/-0.000 χ^2/NDF: 3959586.9/47

All: -1342.107+/-0.000 χ^2/NDF: 10623903.6/

- sign -1697.223+/-0.183 χ^2/NDF: 2906067.1/50

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 206371.3/22

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1770.587+/-0.235 χ^2/NDF: 3349075.1/27

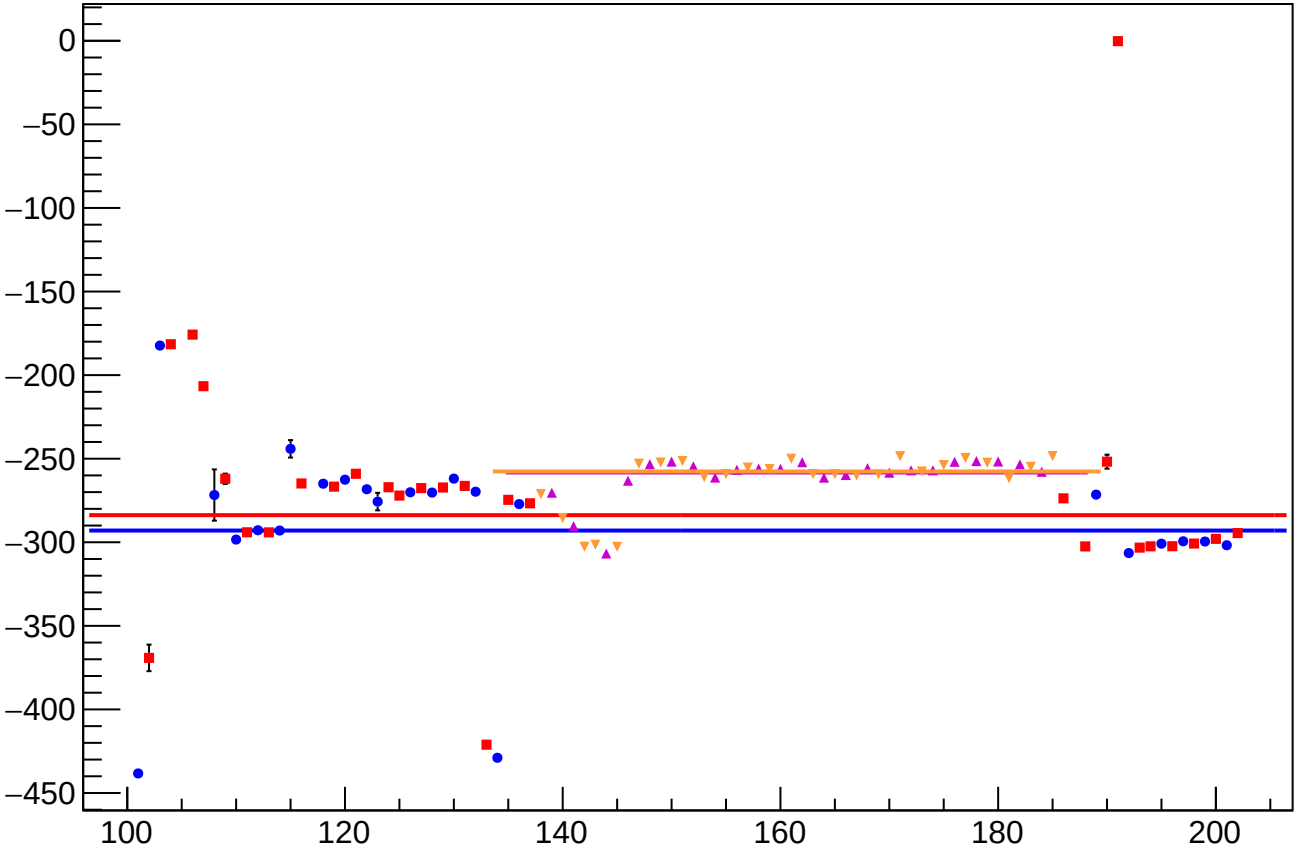
Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF: 886983.0/47

All: 1873.852+/-0.000 χ^2/NDF: 5305640.5/98

- sign 1915.624+/-0.182 χ^2/NDF: 4366241.2/50

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1062560.5/22

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -283.767+/-0.032 χ^2/NDF: 1988538.2/27

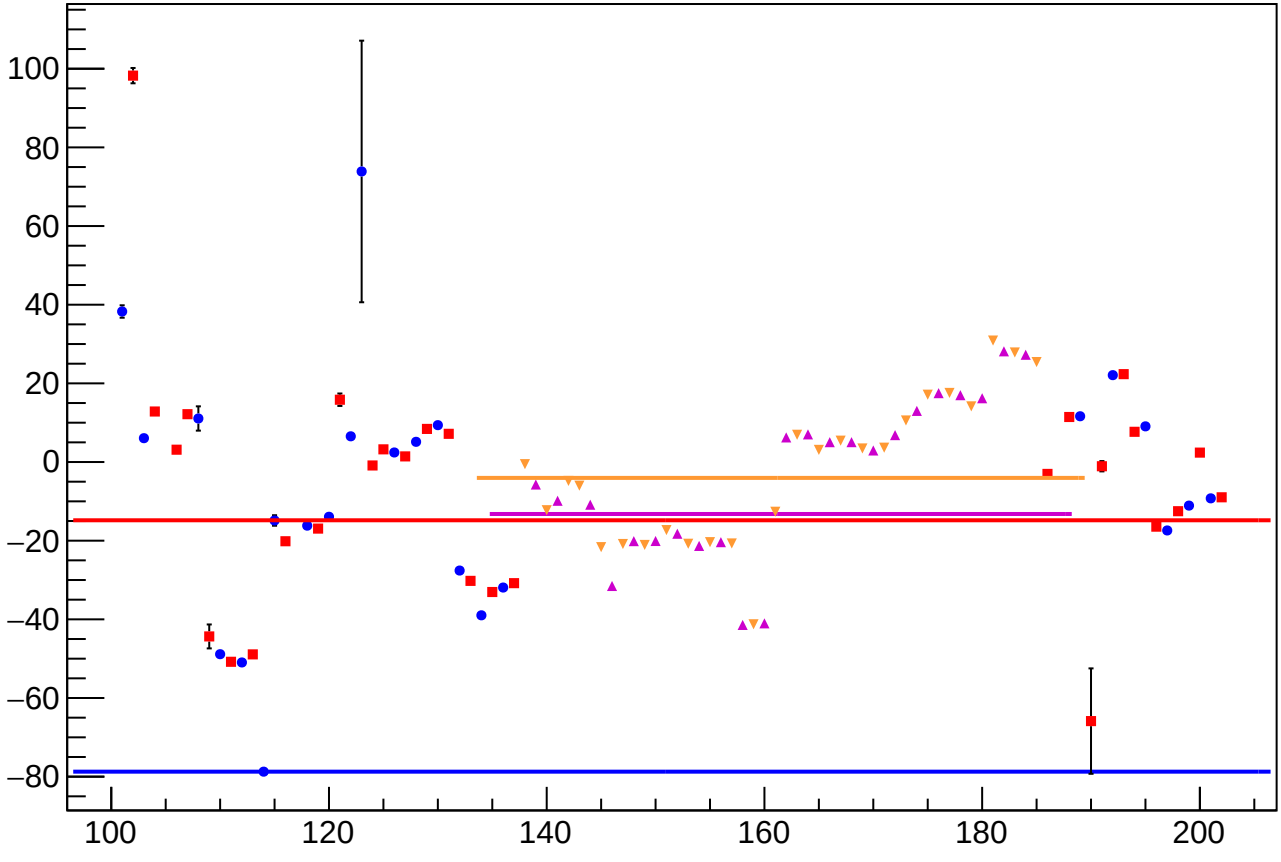
Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

+ sign -292.986+/-0.000 χ^2/NDF: 4459488.2/47

All: -292.986+/-0.000 χ^2/NDF: 10747622.2/9

- sign -264.208+/-0.015 χ^2/NDF: 2754678.3/50

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1670282.0/22

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -14.814+/-0.063 χ^2/NDF: 101896.9/27

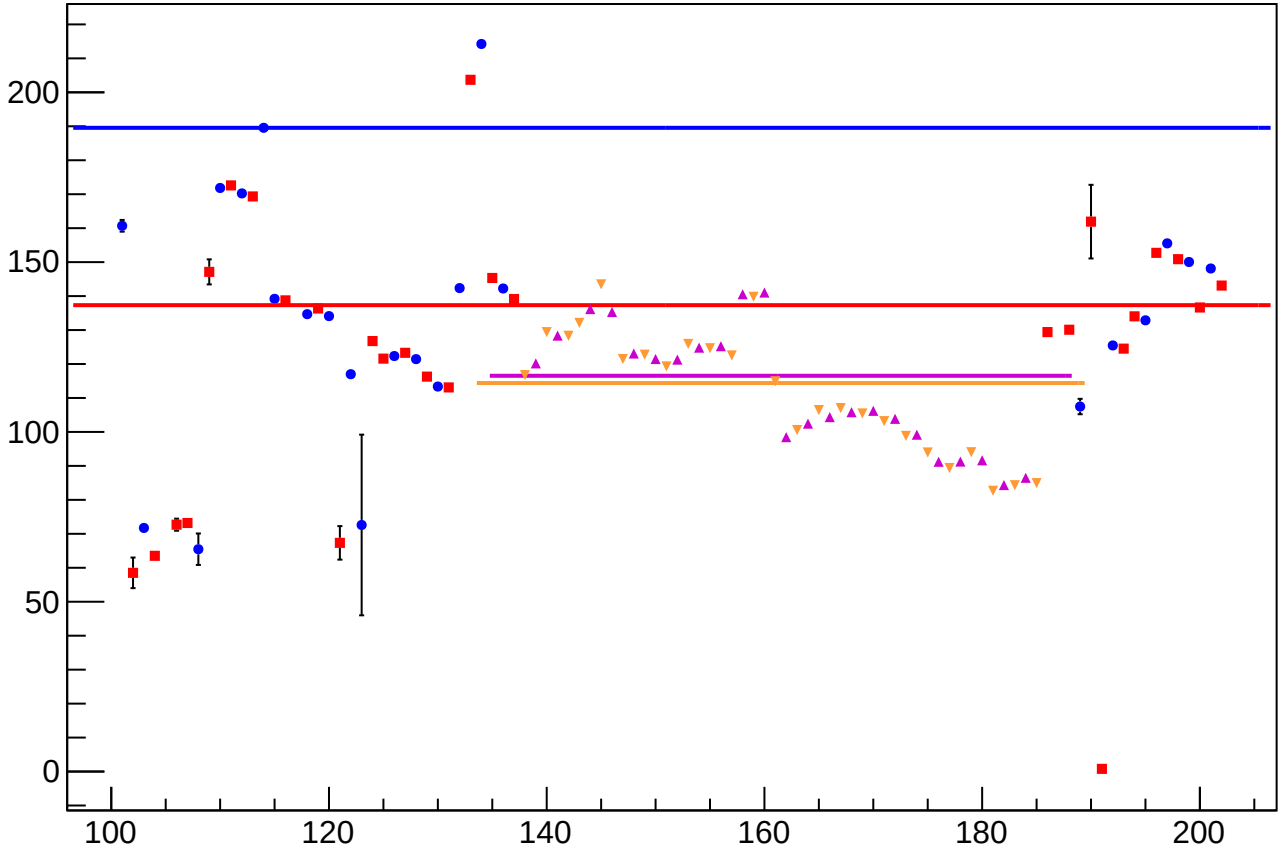
Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

+ sign -78.728+/-0.000 χ^2/NDF: 22180594.9/47

All: -78.728+/-0.000 χ^2/NDF: 39670940.3/98

- sign -13.321+/-0.016 χ^2/NDF: 1458536.2/50

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 1046720.8/22

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 137.329+/-0.054 χ^2/NDF: 130727.2/27

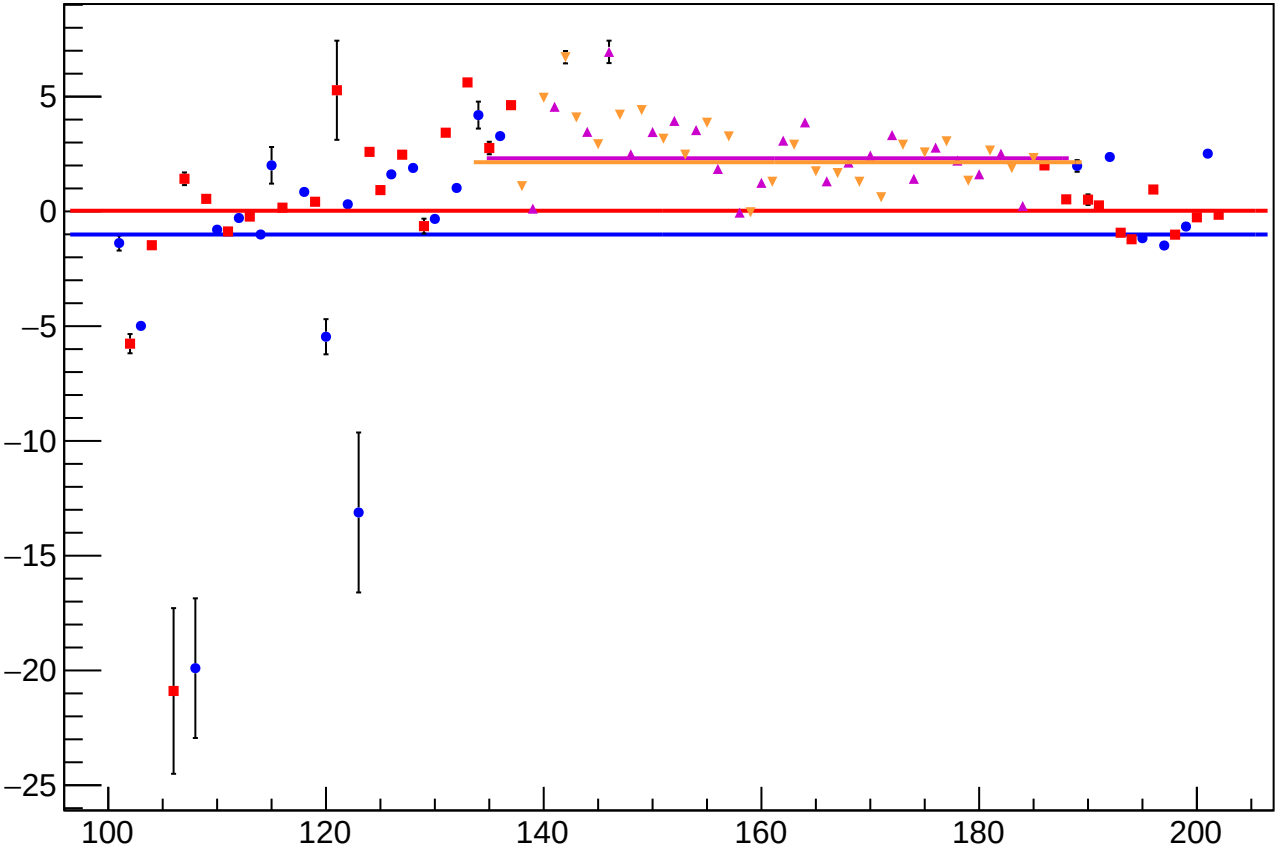
Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

+ sign 189.551+/-0.000 χ^2/NDF: 12567848.0/47

All: 189.551+/-0.000 χ^2/NDF: 23647516.5/98

- sign 119.856+/-0.022 χ^2/NDF: 712609.5/50

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 8398.0/22

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.029+/-0.013 χ^2/NDF: 5995.0/27

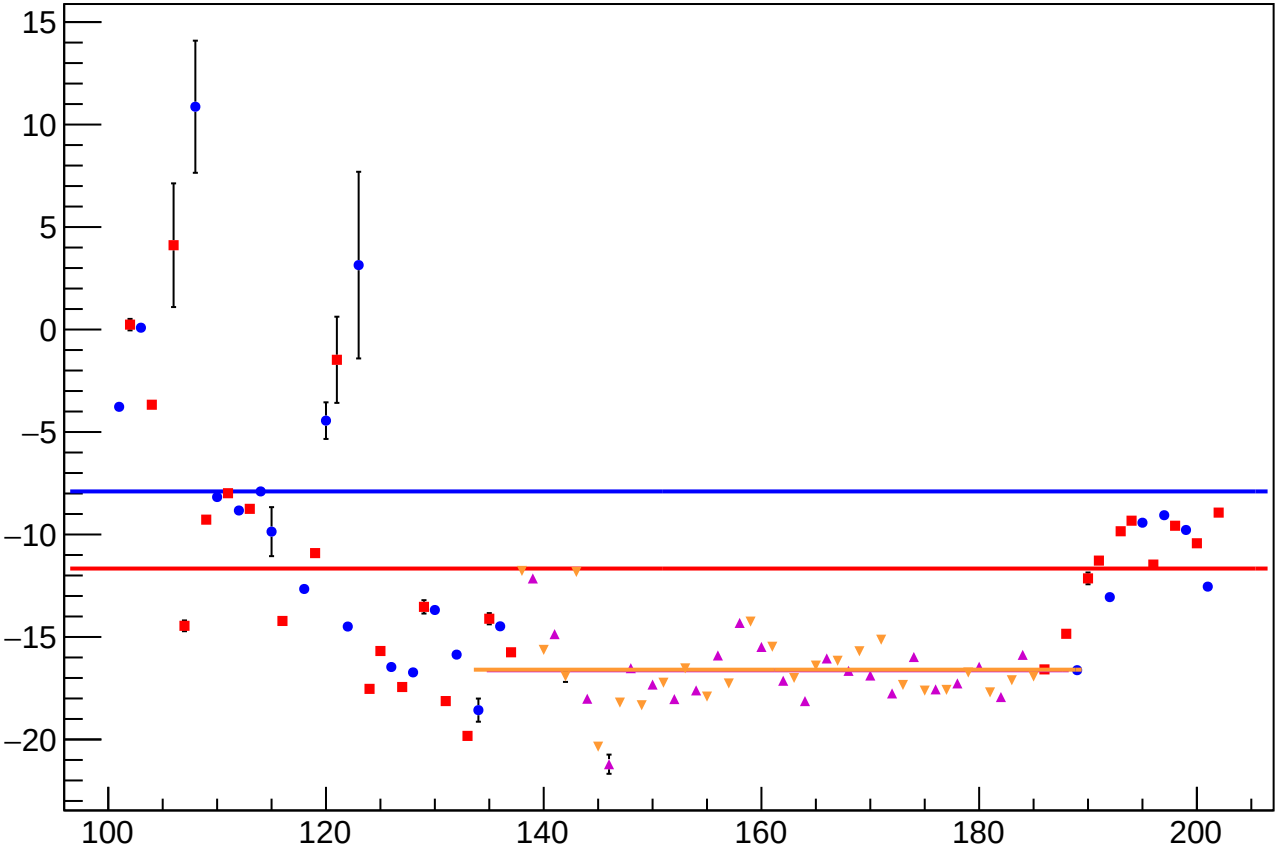
Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

+ sign -1.007+/-0.000 χ^2/NDF: 61204.4/47

All: -1.007+/-0.000 χ^2/NDF: 136708.0/98

- sign 1.082+/-0.010 χ^2/NDF: 27664.1/50

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 48810.3/22

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -11.661+/-0.015 χ^2/NDF: 39681.3/27

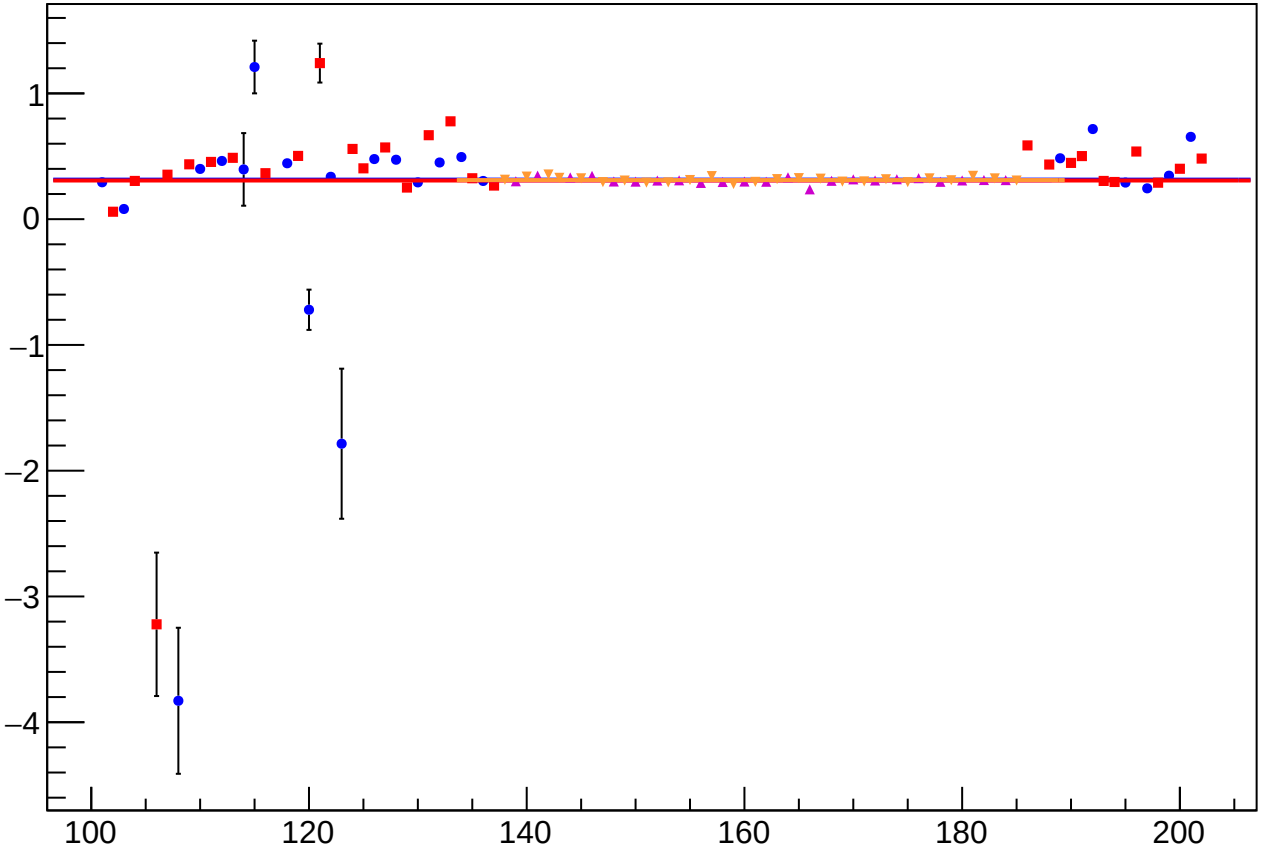
Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

+ sign -7.899+/-0.000 χ^2/NDF: 423088.5/47

All: -7.899+/-0.000 χ^2/NDF: 886661.8/98

- sign -14.158+/-0.010 χ^2/NDF: 102697.4/50

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 3684.5/22

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.307+/-0.001 χ^2/NDF: 8463.5/27

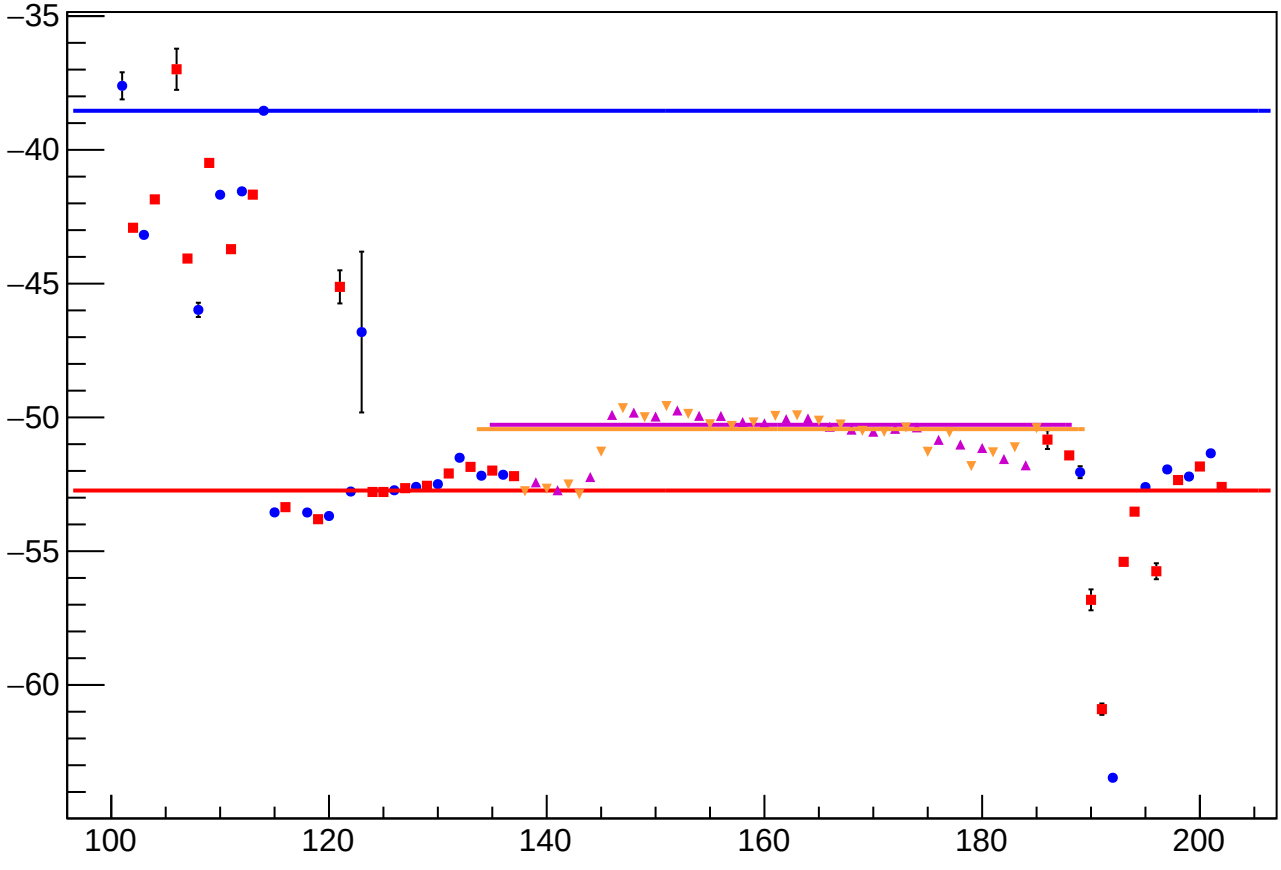
Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

+ sign 0.311+/-0.000 χ^2/NDF: 8675.0/47

All: 0.310+/-0.000 χ^2/NDF: 20236.8/98

- sign 0.310+/-0.000 χ^2/NDF: 11546.8/50

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 15219313.3/22

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.733+/-0.002 χ^2/NDF: 85004.0/27

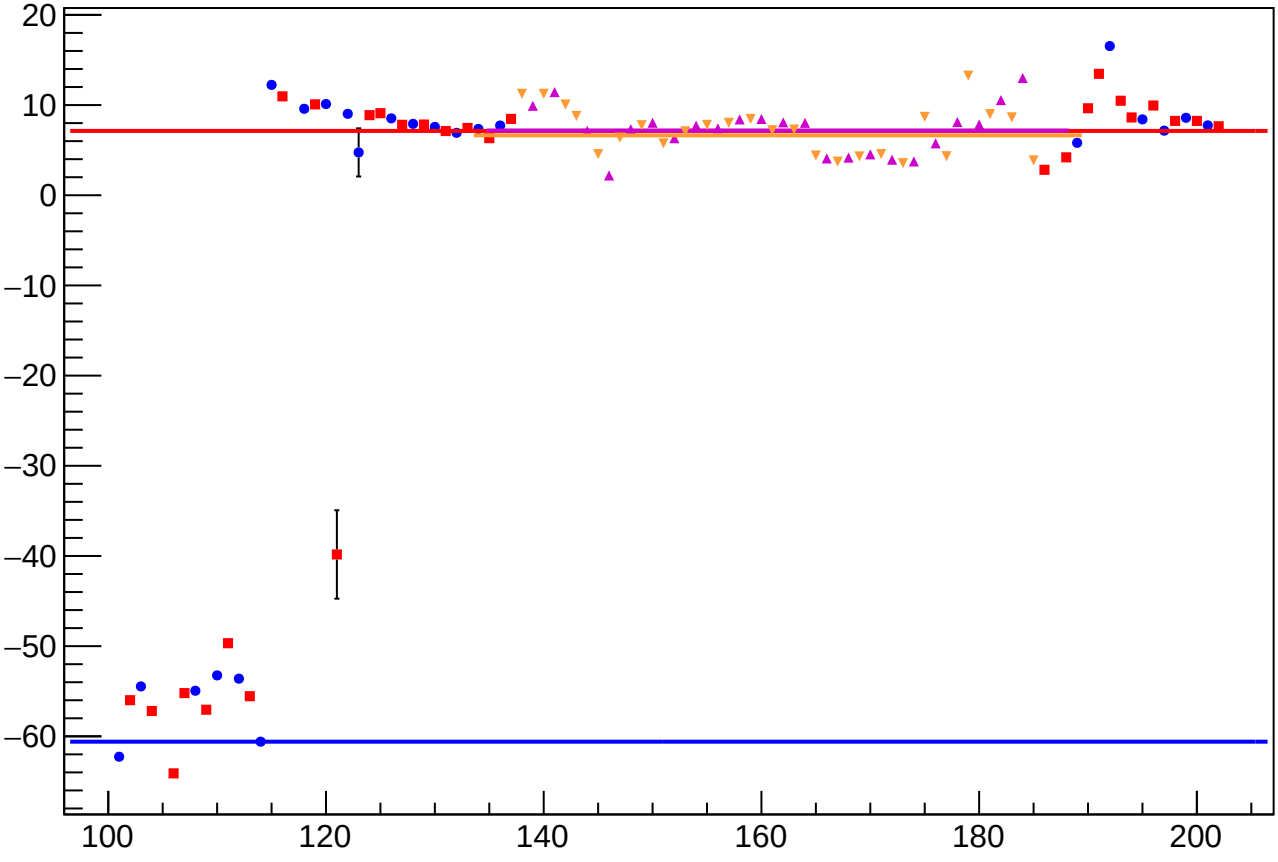
Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

+ sign -38.539+/-0.000 χ^2/NDF: 91098539.7/47

All: -38.539+/-0.000 χ^2/NDF: 236972928.7/9

- sign -51.036+/-0.001 χ^2/NDF: 1467723.6/50

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 32626339.2/22

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 7.133+/-0.010 χ^2/NDF: 1166070.5/27

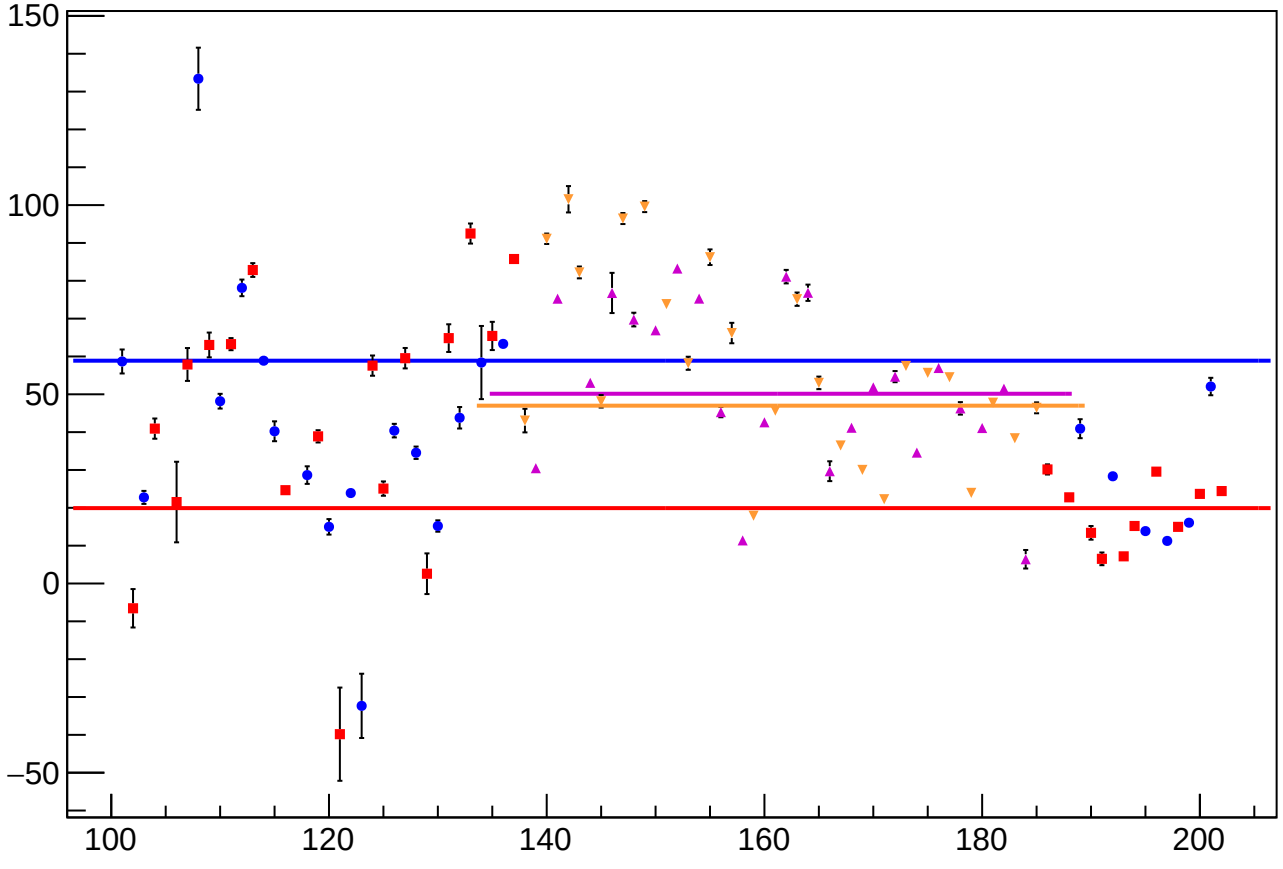
Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

+ sign -60.594+/-0.000 χ^2/NDF: 367031929.7/47

All: -60.594+/-0.000 χ^2/NDF: 802568002.8/9

- sign 7.174+/-0.003 χ^2/NDF: 1380219.0/50

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 30590.3/22

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.920+/-0.146 χ^2/NDF: 10905.7/27

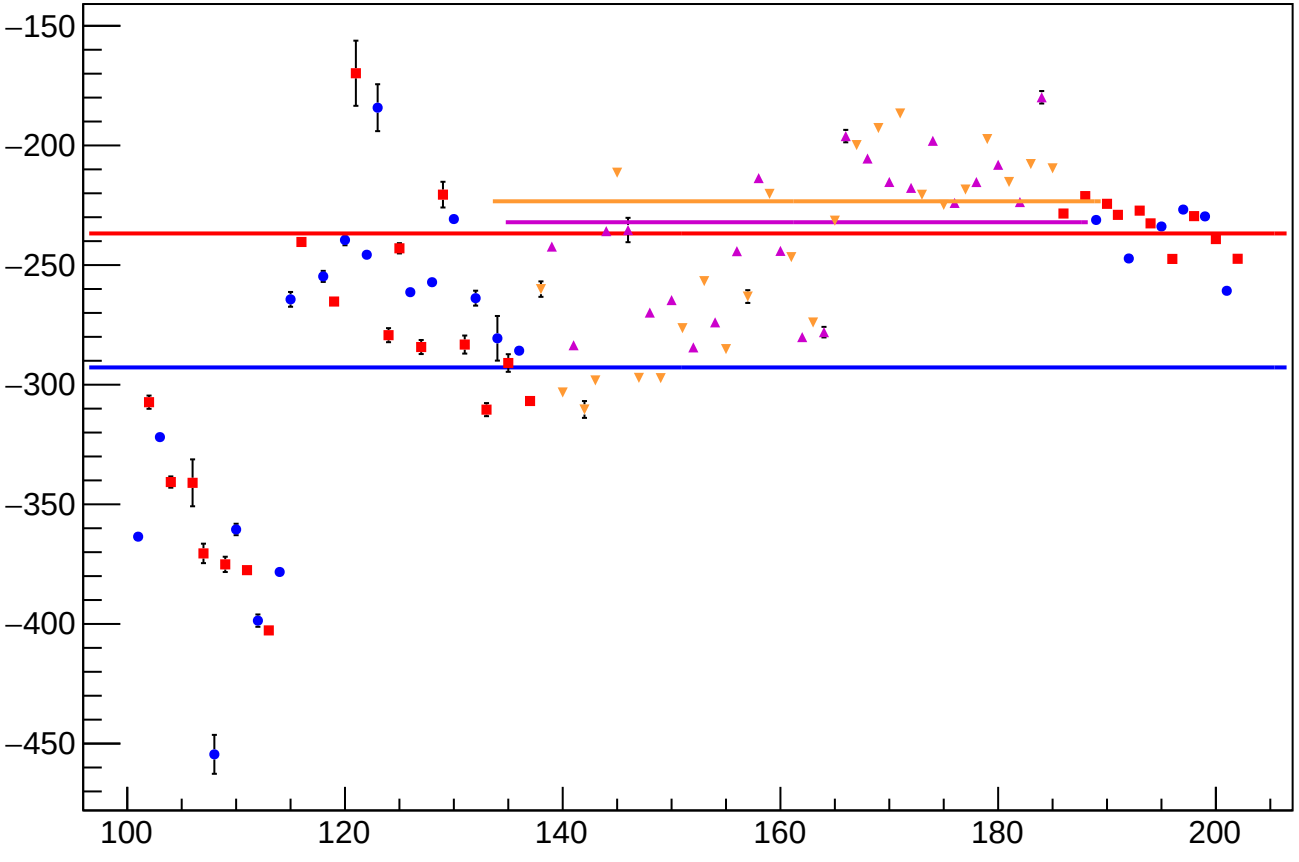
Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

+ sign 58.880+/-0.000 χ^2/NDF: 42850.6/47

All: 58.880+/-0.000 χ^2/NDF: 133271.0/98

- sign 29.680+/-0.120 χ^2/NDF: 31398.8/50

dit_sam2_4eX_slope vs Slug



Right In: -292.780+/-0.174 χ^2/NDF: 156438.6/22

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -236.783+/-0.132 χ^2/NDF: 29025.7/27

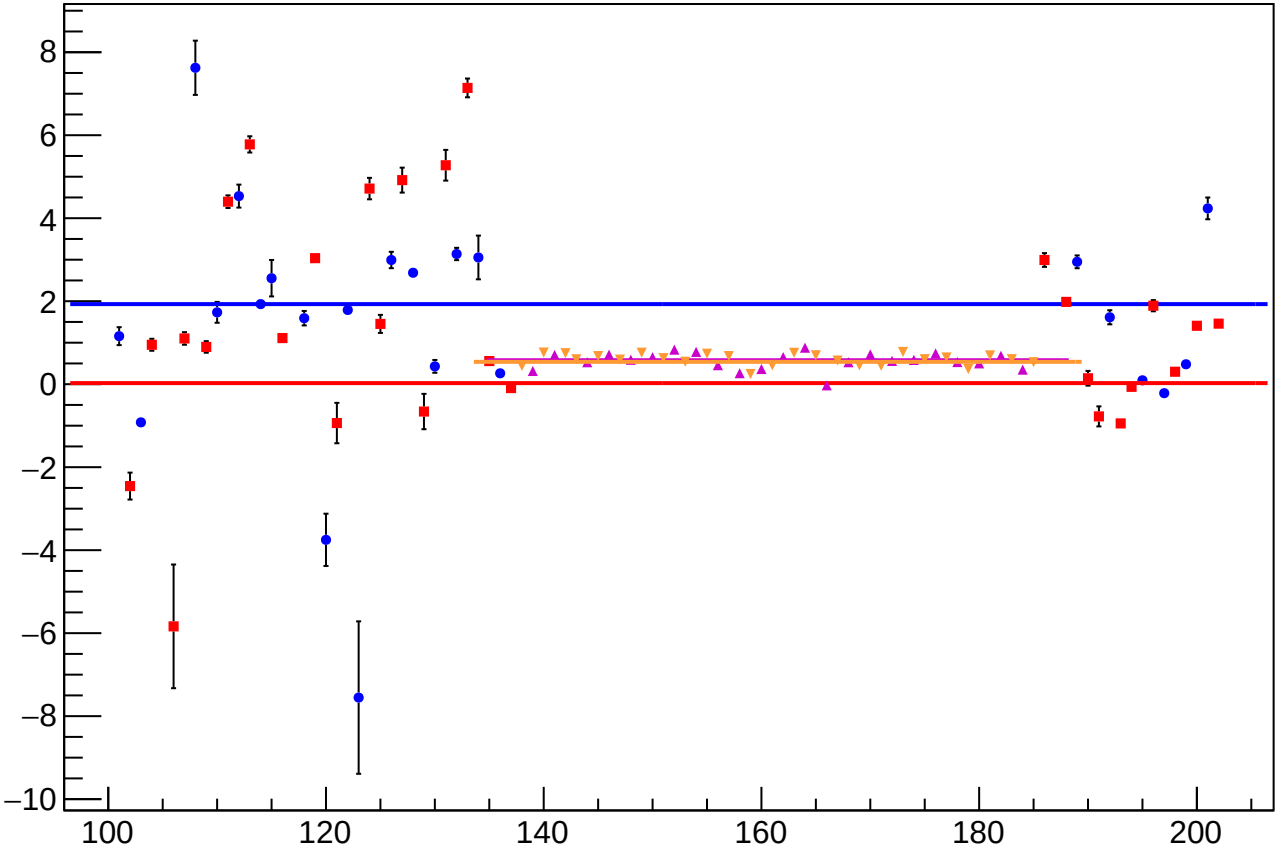
Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

+ sign -265.292+/-0.136 χ^2/NDF: 241497.3/47

All: -247.730+/-0.087 χ^2/NDF: 316793.1/98

- sign -235.515+/-0.113 χ^2/NDF: 46833.1/50

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 64306.2/22

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.026+/-0.004 χ^2/NDF: 12119.3/27

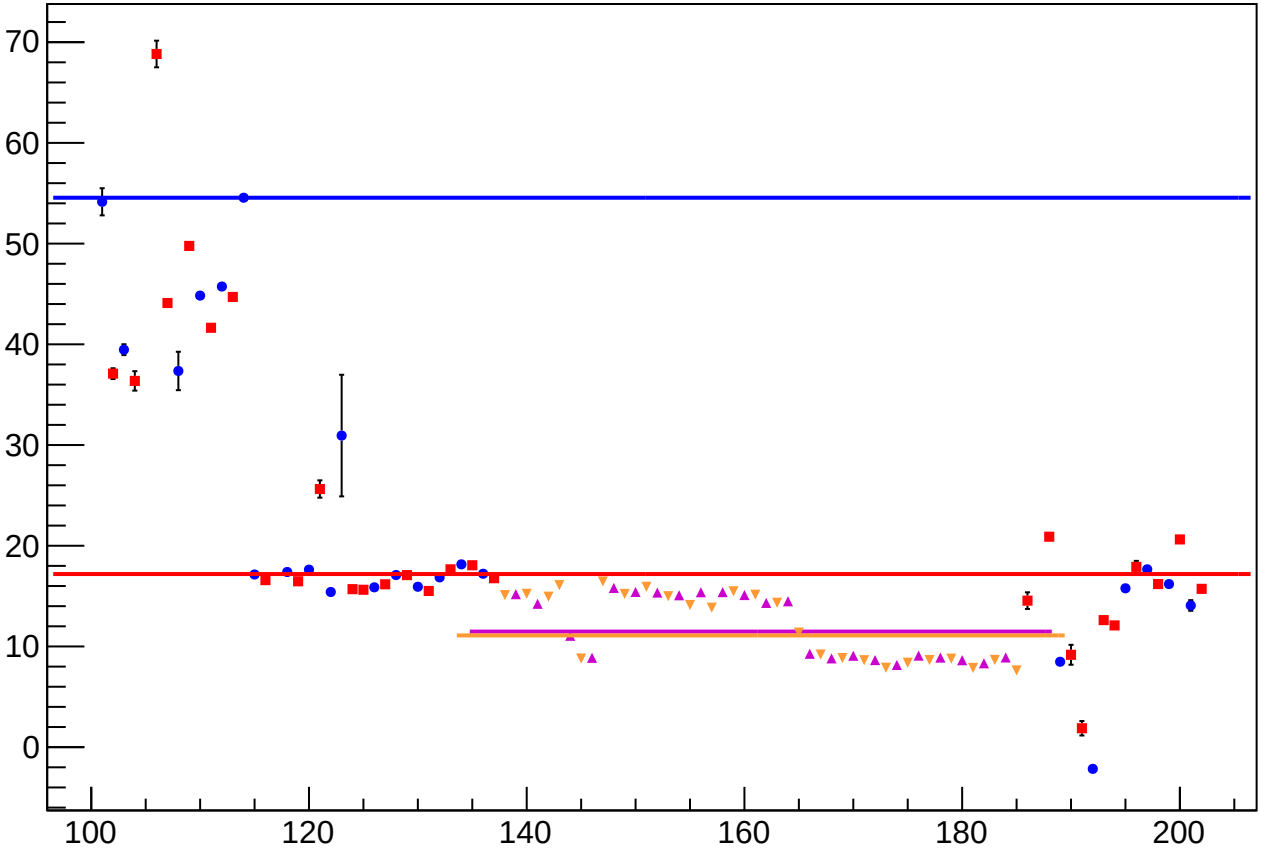
Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

+ sign 1.930+/-0.000 χ^2/NDF: 766382.7/47

All: 1.930+/-0.000 χ^2/NDF: 1861046.1/98

- sign 0.520+/-0.001 χ^2/NDF: 42515.9/50

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 9963938.7/22

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.190+/-0.018 χ^2/NDF: 62674.1/27

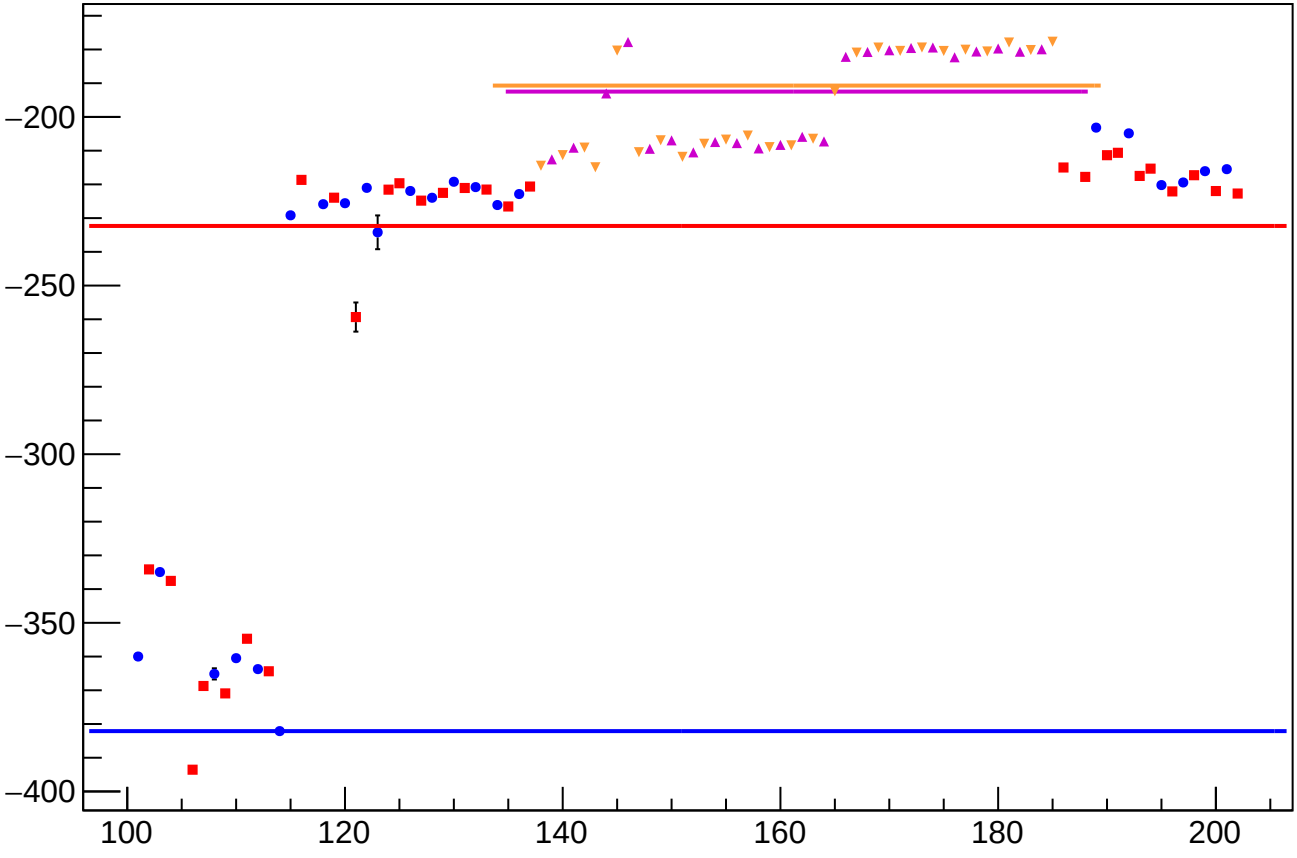
Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

+ sign 54.556+/-0.000 χ^2/NDF: 76170737.4/47

All: 54.556+/-0.000 χ^2/NDF: 148880659.2/98

- sign 11.923+/-0.005 χ^2/NDF: 537091.3/50

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 19831038.5/22

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -232.323+/-0.045 χ^2/NDF: 660678.1/27

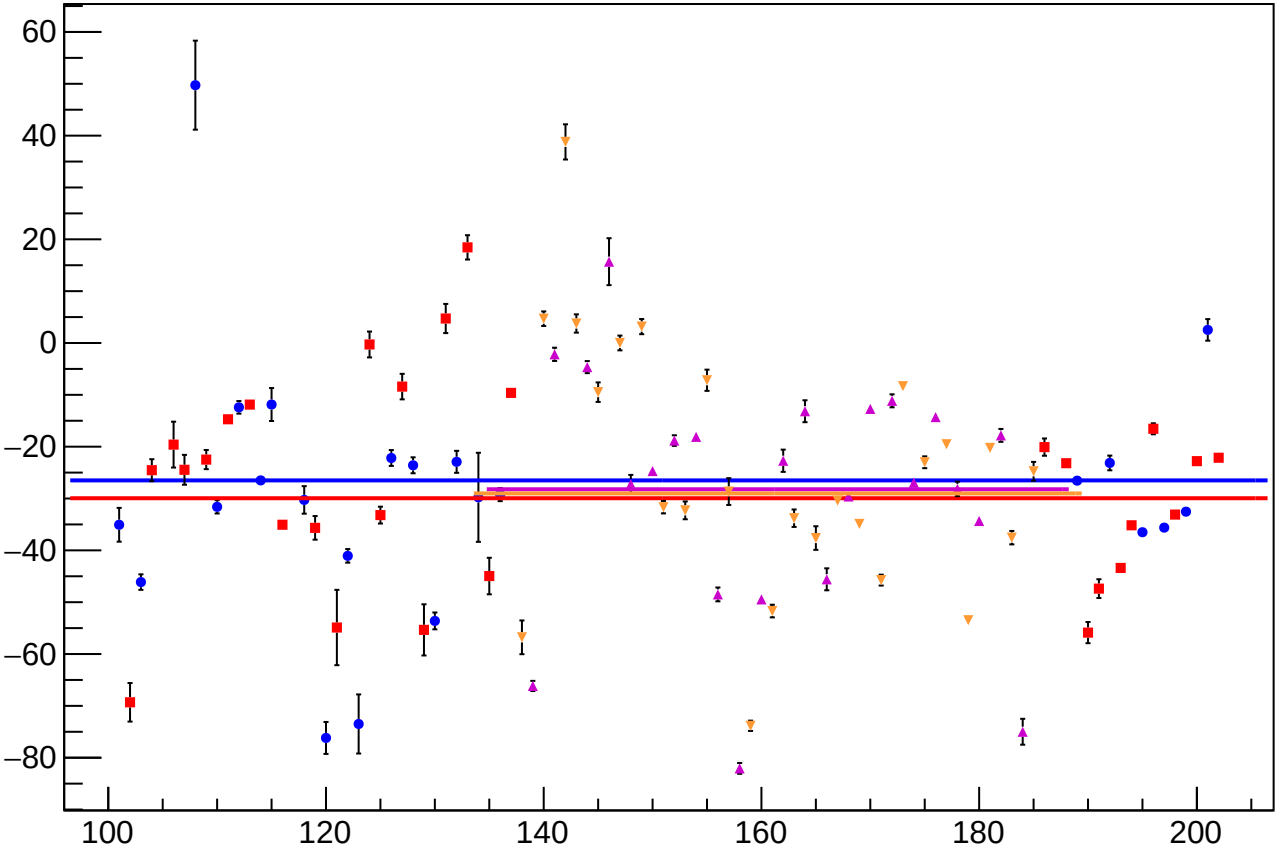
Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

+ sign -382.108+/-0.000 χ^2/NDF: 315769868.8/47

All: -382.108+/-0.000 χ^2/NDF: 605989192.0/

- sign -194.859+/-0.011 χ^2/NDF: 2889592.8/50

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 2060.6/22

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -29.944+/-0.155 χ^2/NDF: 4891.1/27

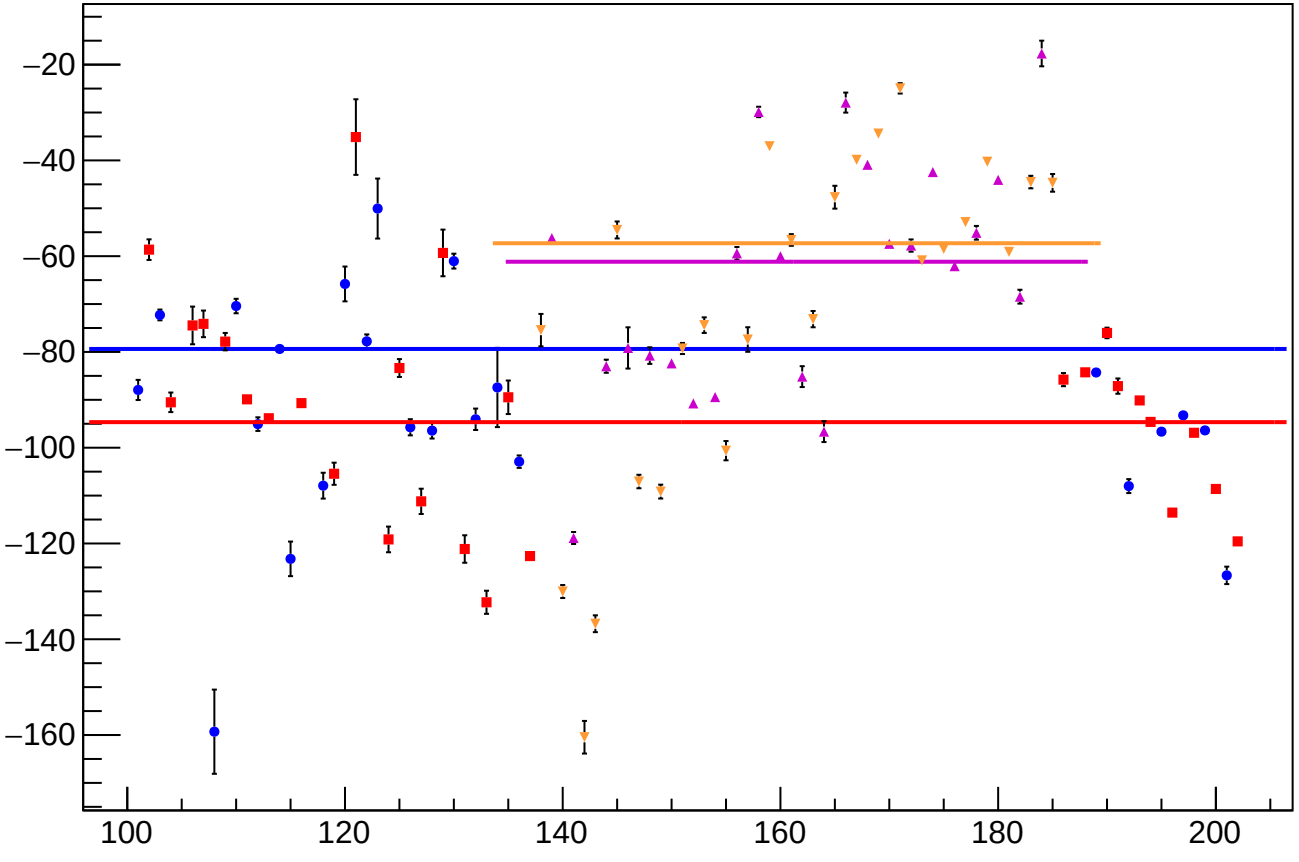
Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

+ sign -26.504+/-0.000 χ^2/NDF: 9286.2/47

All: -26.504+/-0.000 χ^2/NDF: 22519.1/98

- sign -29.351+/-0.126 χ^2/NDF: 12720.3/50

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 5394.7/22

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -94.661+/-0.134 χ^2/NDF: 5904.0/27

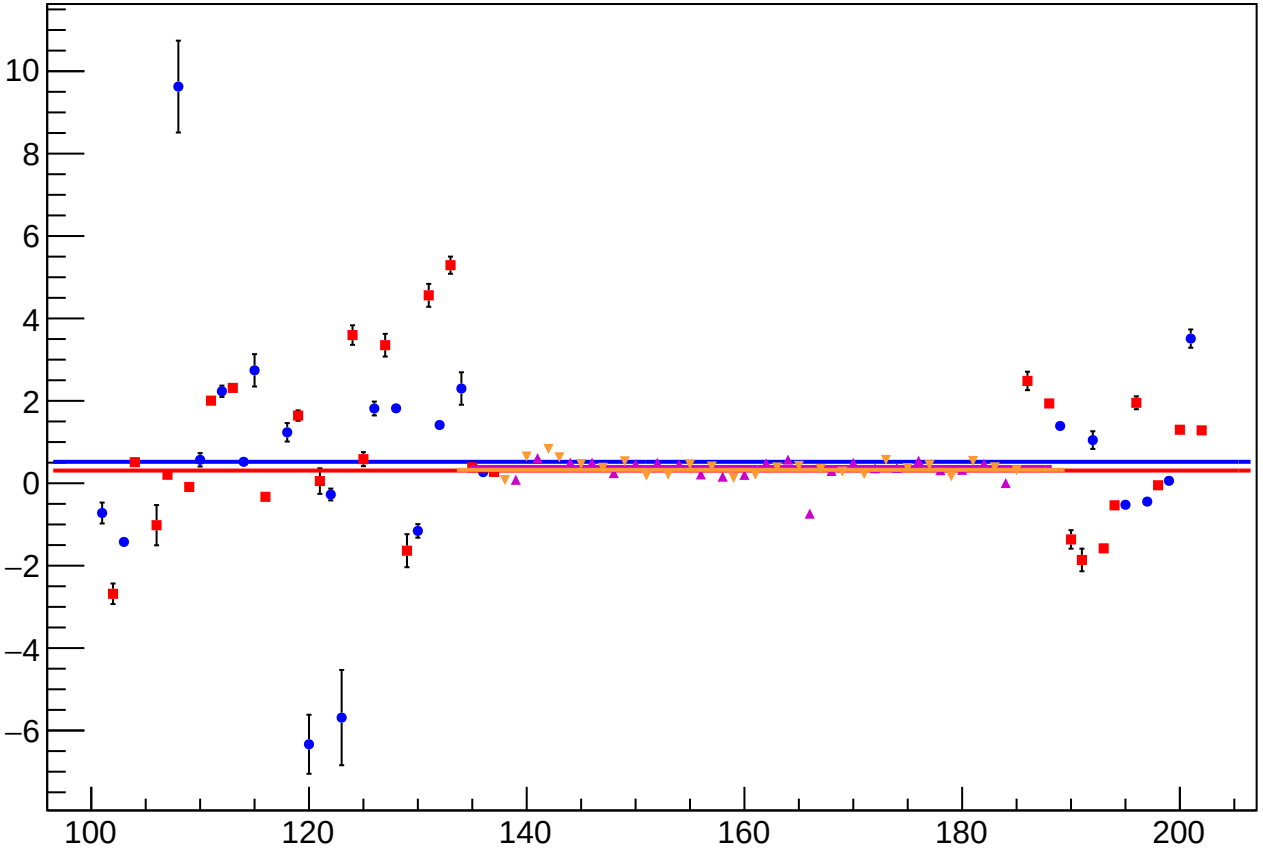
Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

+ sign -79.376+/-0.000 χ^2/NDF: 27740.1/47

All: -79.376+/-0.000 χ^2/NDF: 62632.9/98

- sign -85.466+/-0.114 χ^2/NDF: 32039.6/50

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 4168.9/22

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.308+/-0.010 χ^2/NDF: 6378.1/27

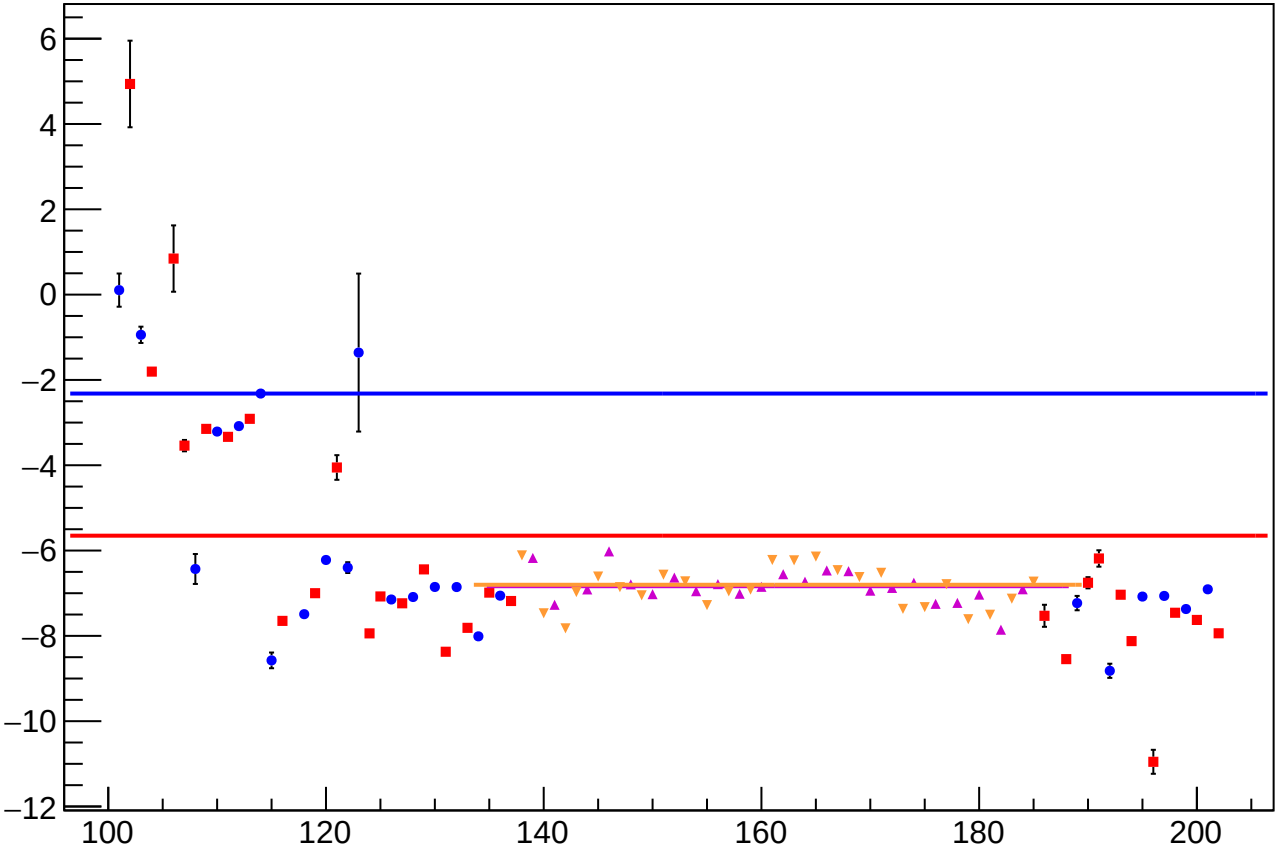
Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

+ sign 0.521+/-0.000 χ^2/NDF: 29341.4/47

All: 0.521+/-0.000 χ^2/NDF: 55089.3/98

- sign 0.394+/-0.001 χ^2/NDF: 17847.2/50

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 299218.1/22

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.651+/-0.009 χ^2/NDF: 67540.0/27

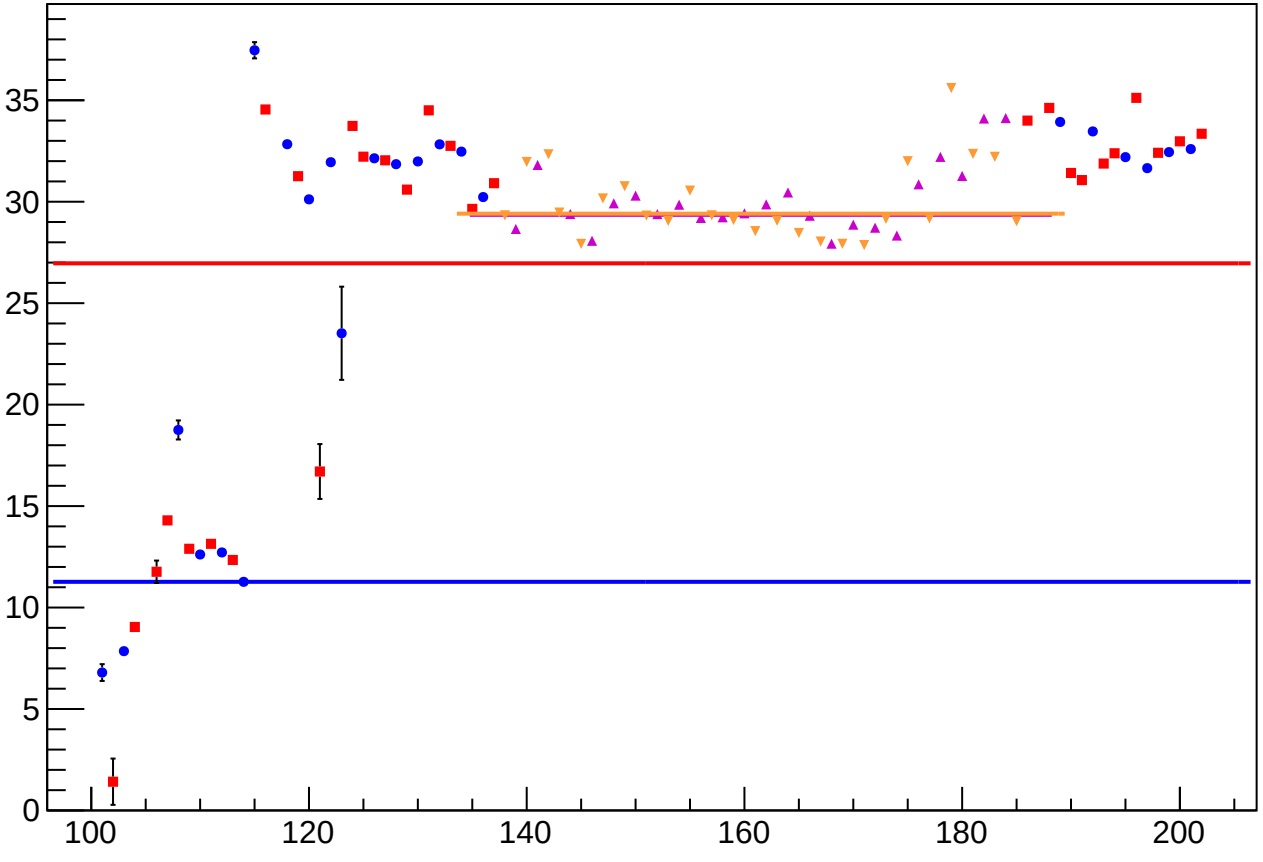
Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

+ sign -2.320+/-0.000 χ^2/NDF: 3562043.9/47

All: -2.320+/-0.000 χ^2/NDF: 7294920.7/98

- sign -6.753+/-0.002 χ^2/NDF: 93715.2/50

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 1564646.1/22

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 26.965+/-0.013 χ^2/NDF: 536206.4/27

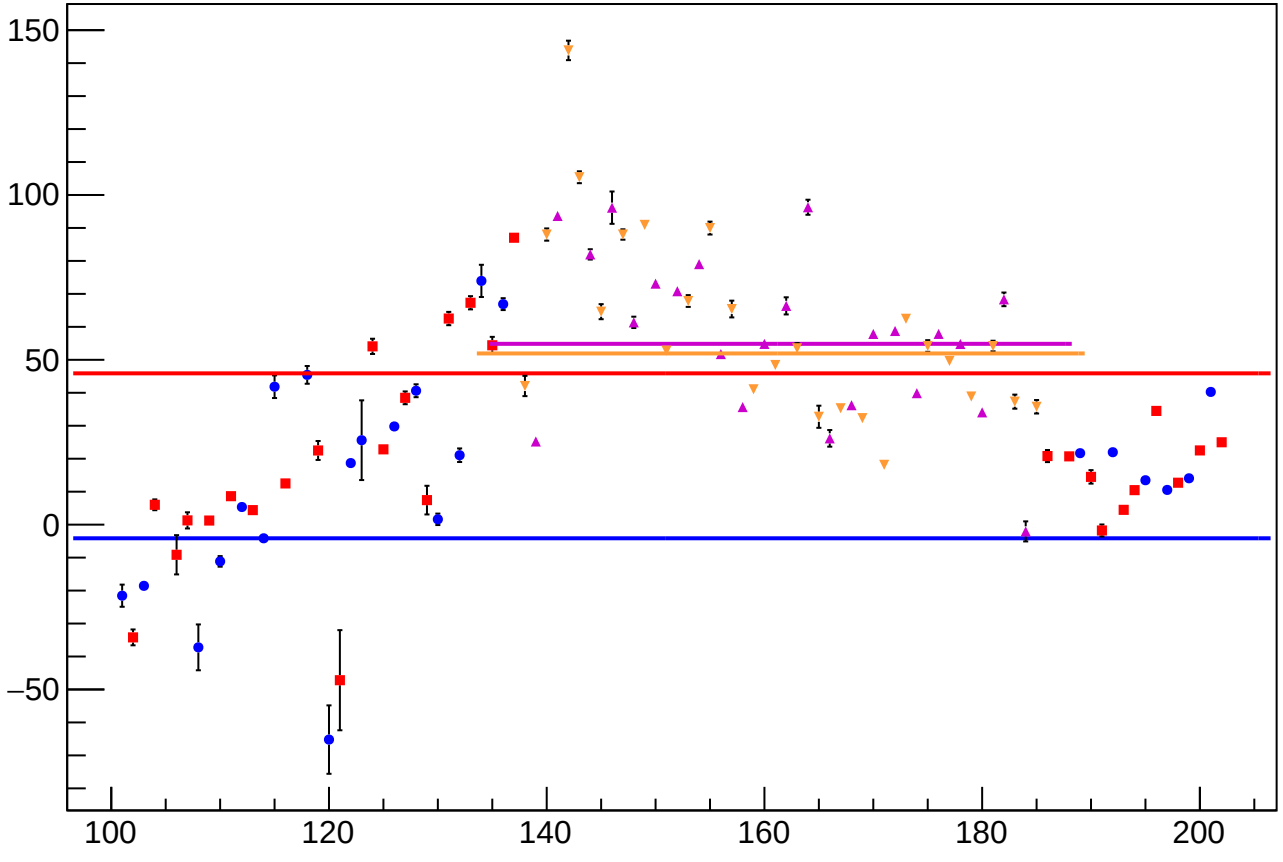
Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

+ sign 11.268+/-0.000 χ^2/NDF: 6524271.1/47

All: 11.268+/-0.000 χ^2/NDF: 13865065.8/98

- sign 28.690+/-0.007 χ^2/NDF: 576459.3/50

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 8922.2/22

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 45.895+/-0.146 χ^2/NDF: 63278.1/27

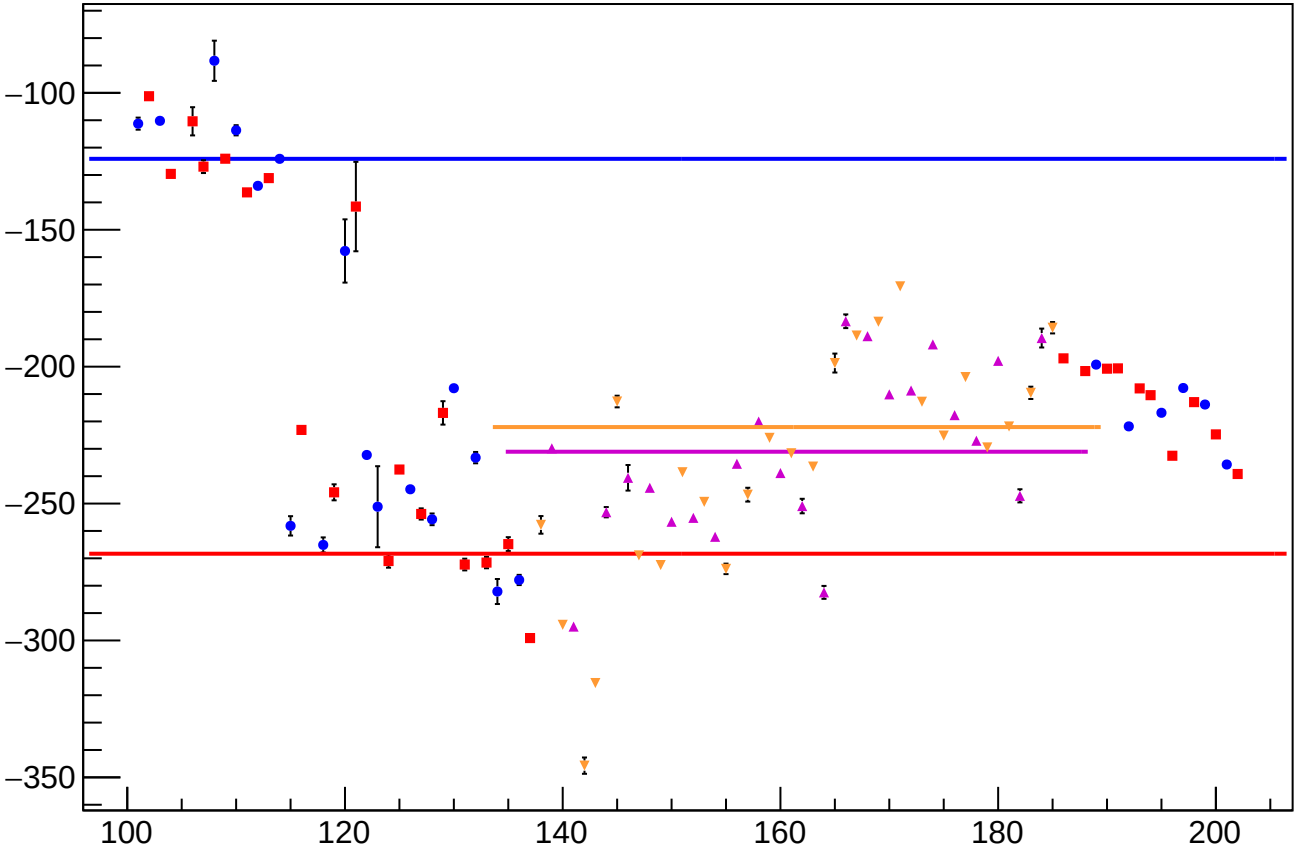
Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

+ sign -4.139+/-0.000 χ^2/NDF: 56553.6/47

All: -4.139+/-0.000 χ^2/NDF: 300283.3/98

- sign 48.215+/-0.126 χ^2/NDF: 70576.1/50

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 135069.4/22

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -268.317+/-0.102 χ^2/NDF: 219530.9/27

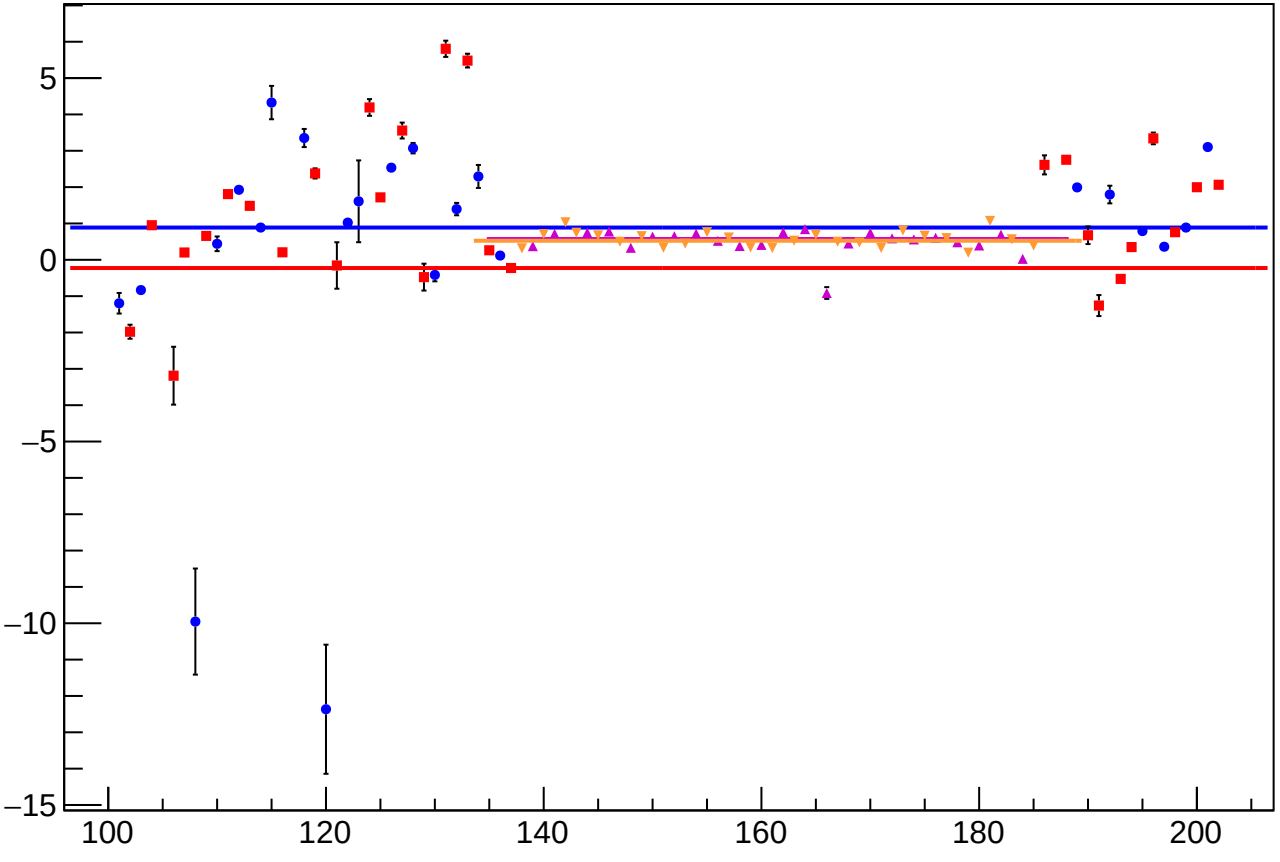
Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

+ sign -124.095+/-0.000 χ^2/NDF: 280435.9/47

All: -124.095+/-0.000 χ^2/NDF: 2712667.3/98

- sign -263.022+/-0.094 χ^2/NDF: 250660.2/50

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 9085.8/22

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 8629.9/27

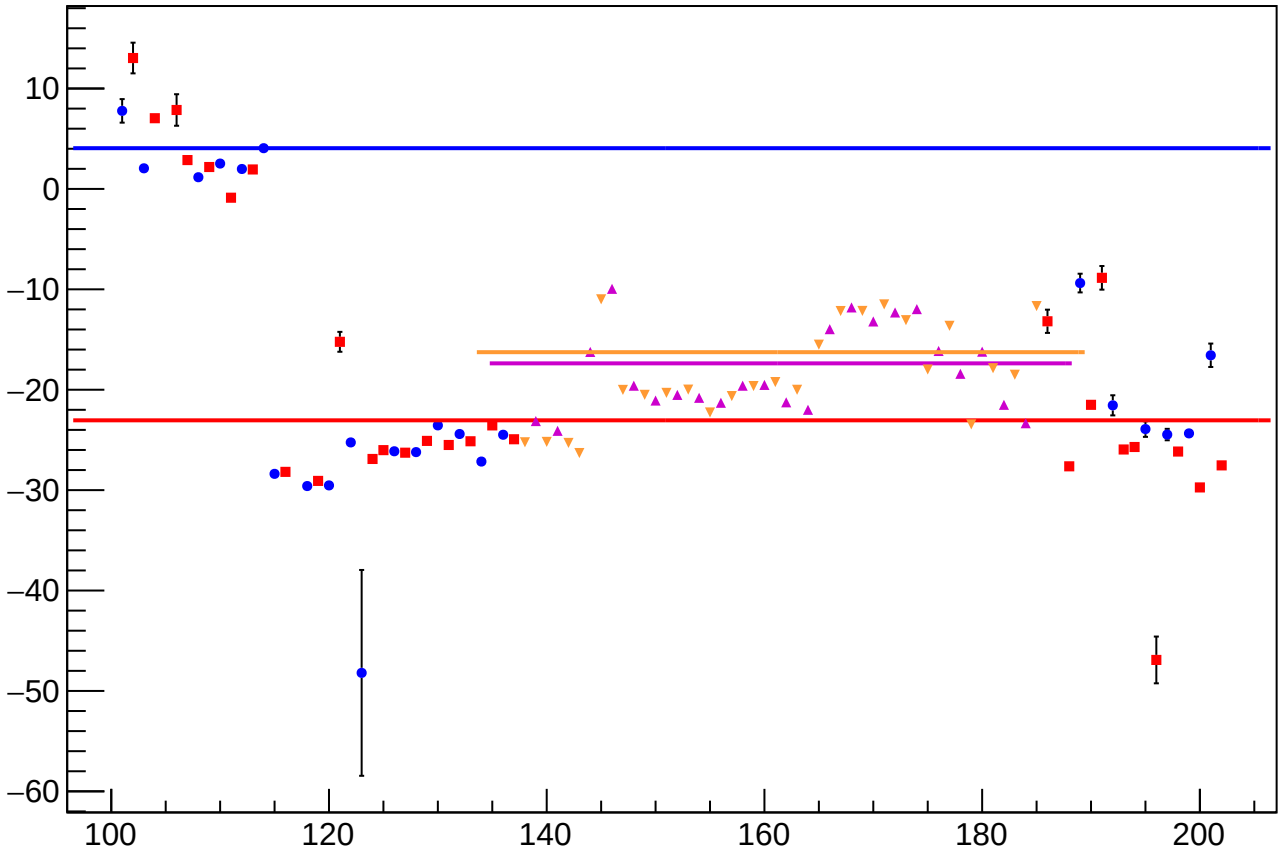
Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

+ sign 0.888+/-0.000 χ^2/NDF: 50633.1/47

All: 0.888+/-0.000 χ^2/NDF: 422295386.4/98

- sign -0.225+/-0.000 χ^2/NDF: 176123.1/50

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1256072.5/22

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -23.048+/-0.026 χ^2/NDF: 117409.4/27

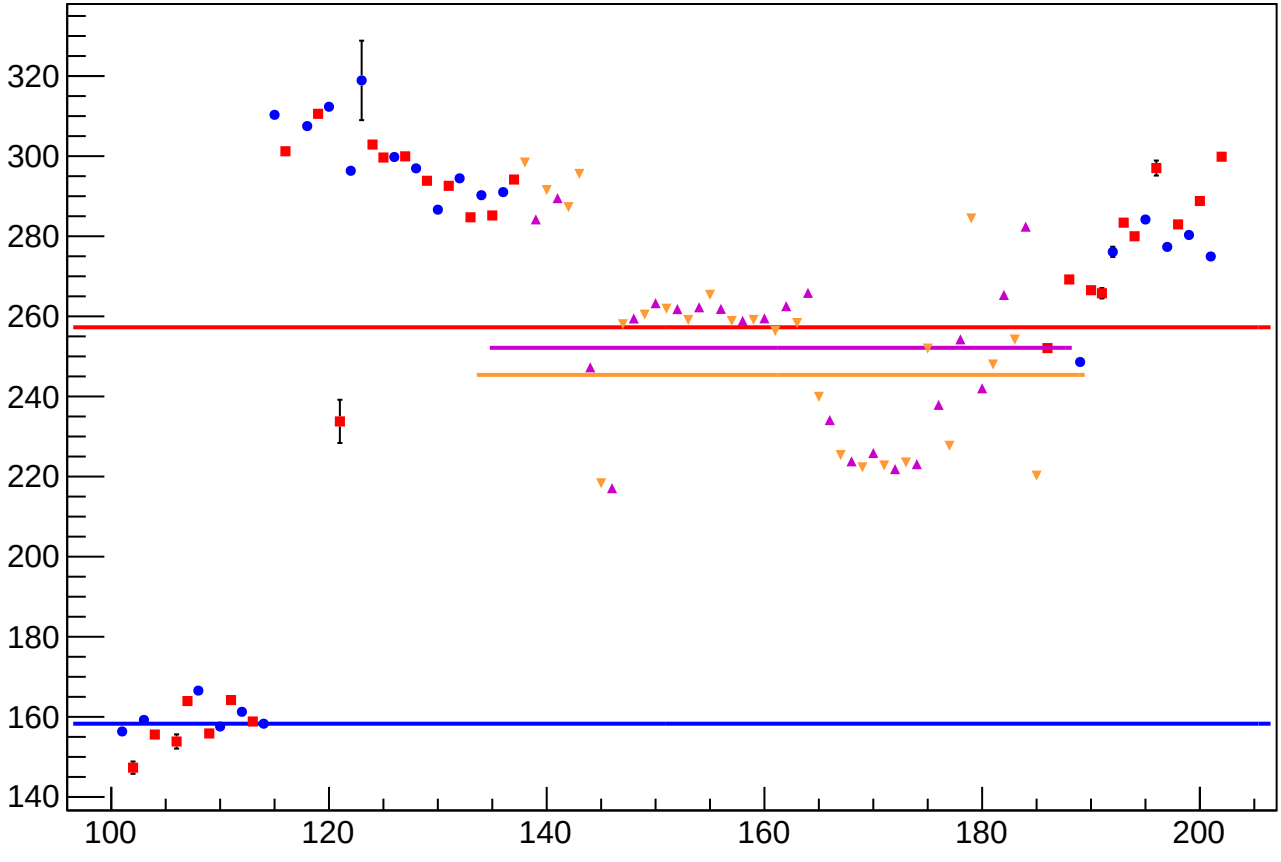
Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

+ sign 4.057+/-0.000 χ^2/NDF: 5560482.5/47

All: 4.057+/-0.000 χ^2/NDF: 12176993.7/98

- sign -18.033+/-0.009 χ^2/NDF: 329476.6/50

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2598292.9/22

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 257.273+/-0.060 χ^2/NDF: 976321.5/27

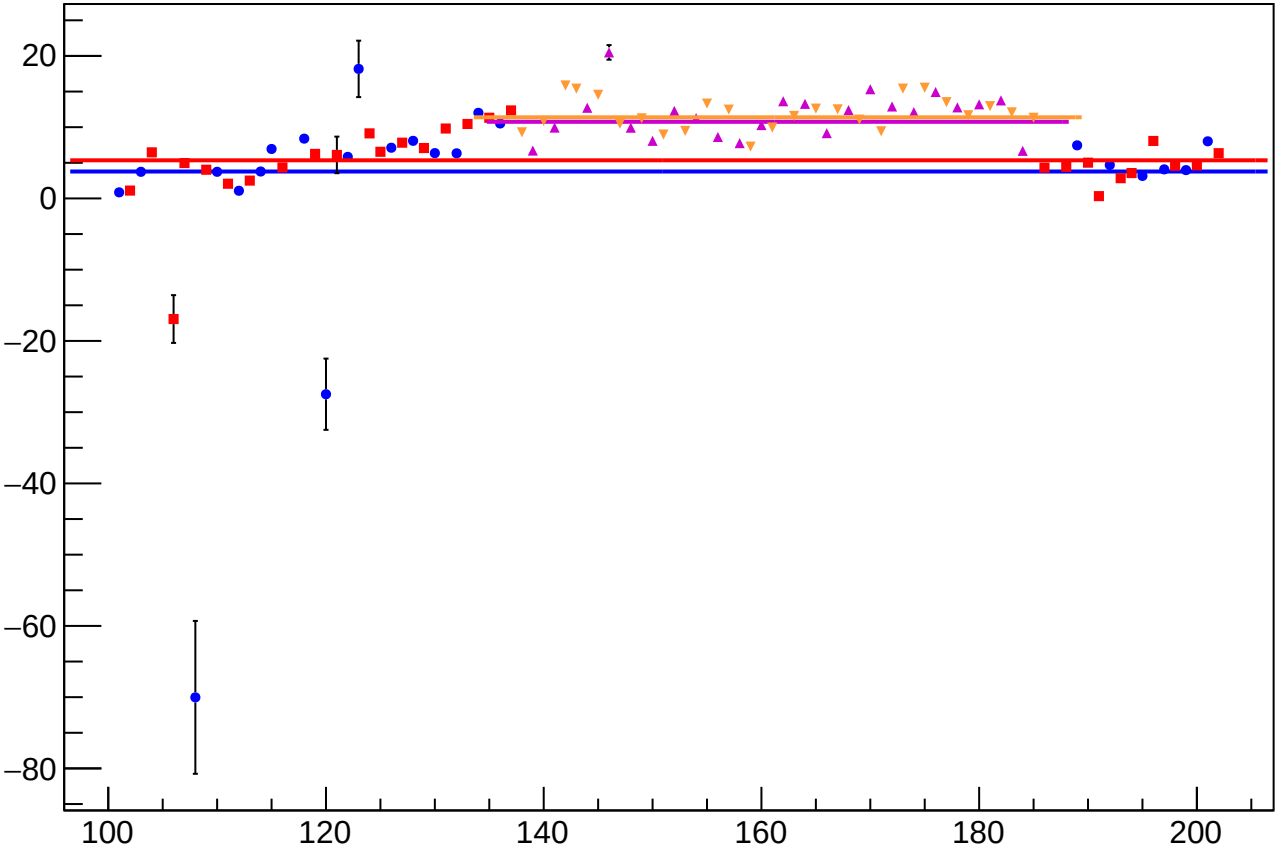
Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

+ sign 158.293+/-0.000 χ^2/NDF: 13452457.6/47

All: 158.293+/-0.000 χ^2/NDF: 28435318.6/98

- sign 253.072+/-0.026 χ^2/NDF: 1341634.8/50

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 7433.8/22

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.350+/-0.020 χ^2/NDF: 20412.8/27

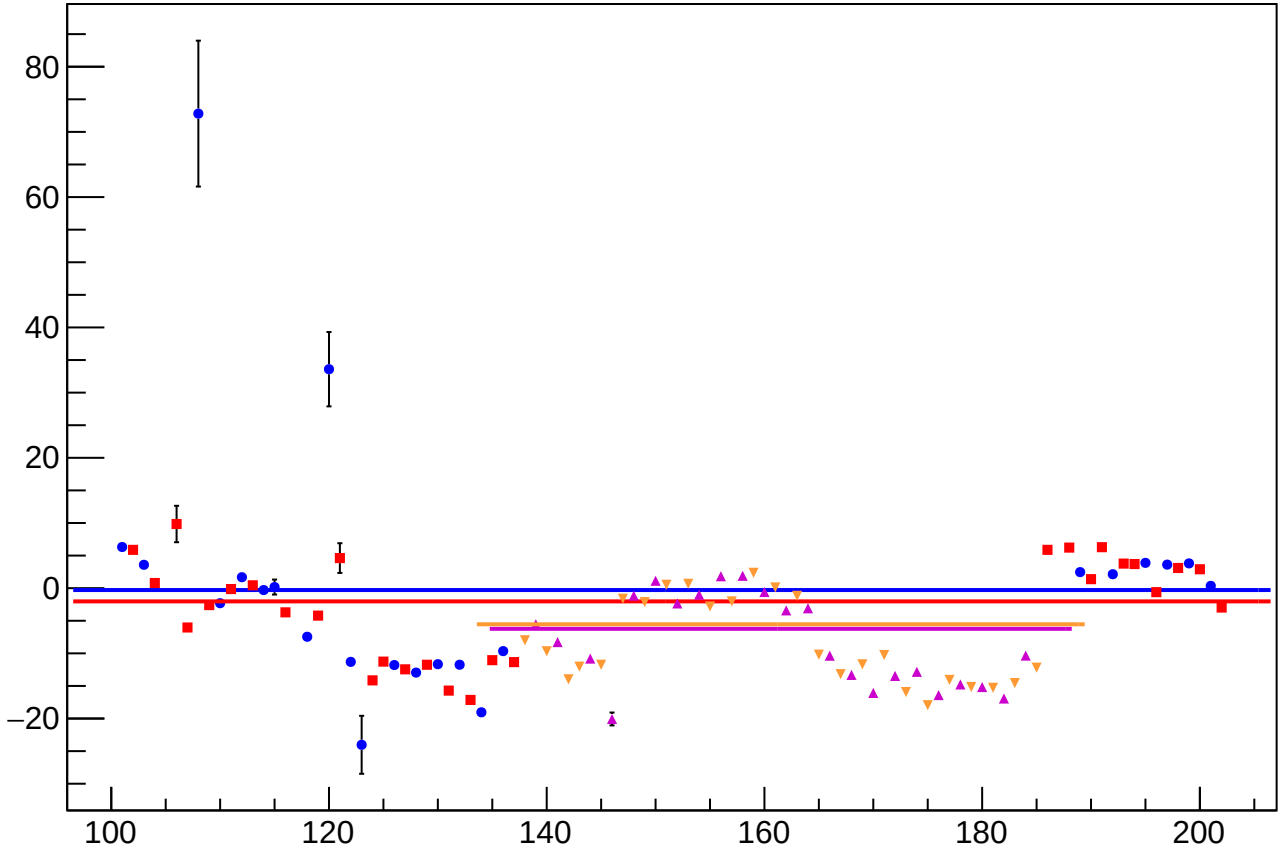
Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

+ sign 3.778+/-0.000 χ^2/NDF: 75726.0/47

All: 3.778+/-0.000 χ^2/NDF: 175374.5/98

- sign 7.244+/-0.016 χ^2/NDF: 55048.1/50

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 50779.9/22

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -2.028+/-0.021 χ^2/NDF: 113824.9/27

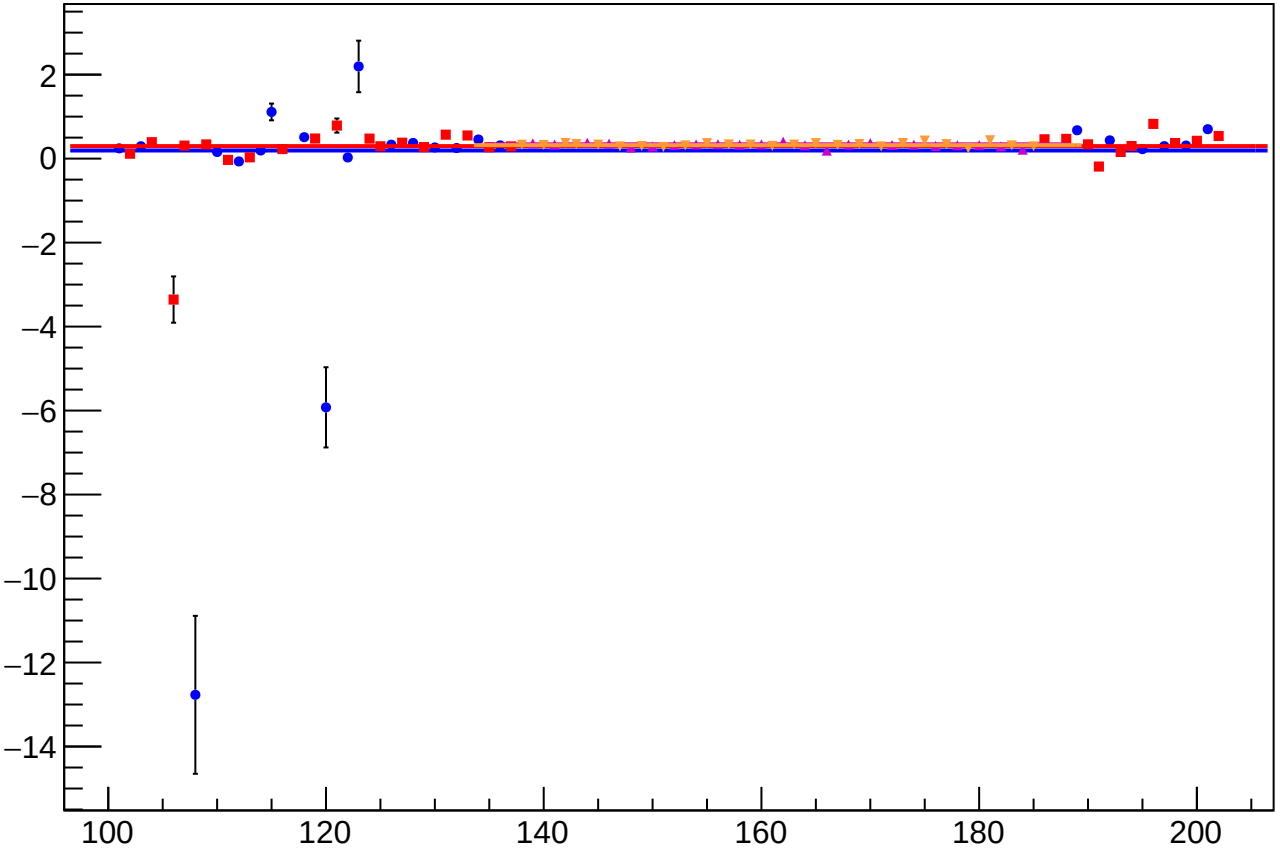
Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

+ sign -0.287+/-0.000 χ^2/NDF: 124662.2/47

All: -0.287+/-0.000 χ^2/NDF: 347200.5/98

- sign -3.509+/-0.017 χ^2/NDF: 185562.1/50

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 11293.1/22

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.298+/-0.001 χ^2/NDF: 8449.1/27

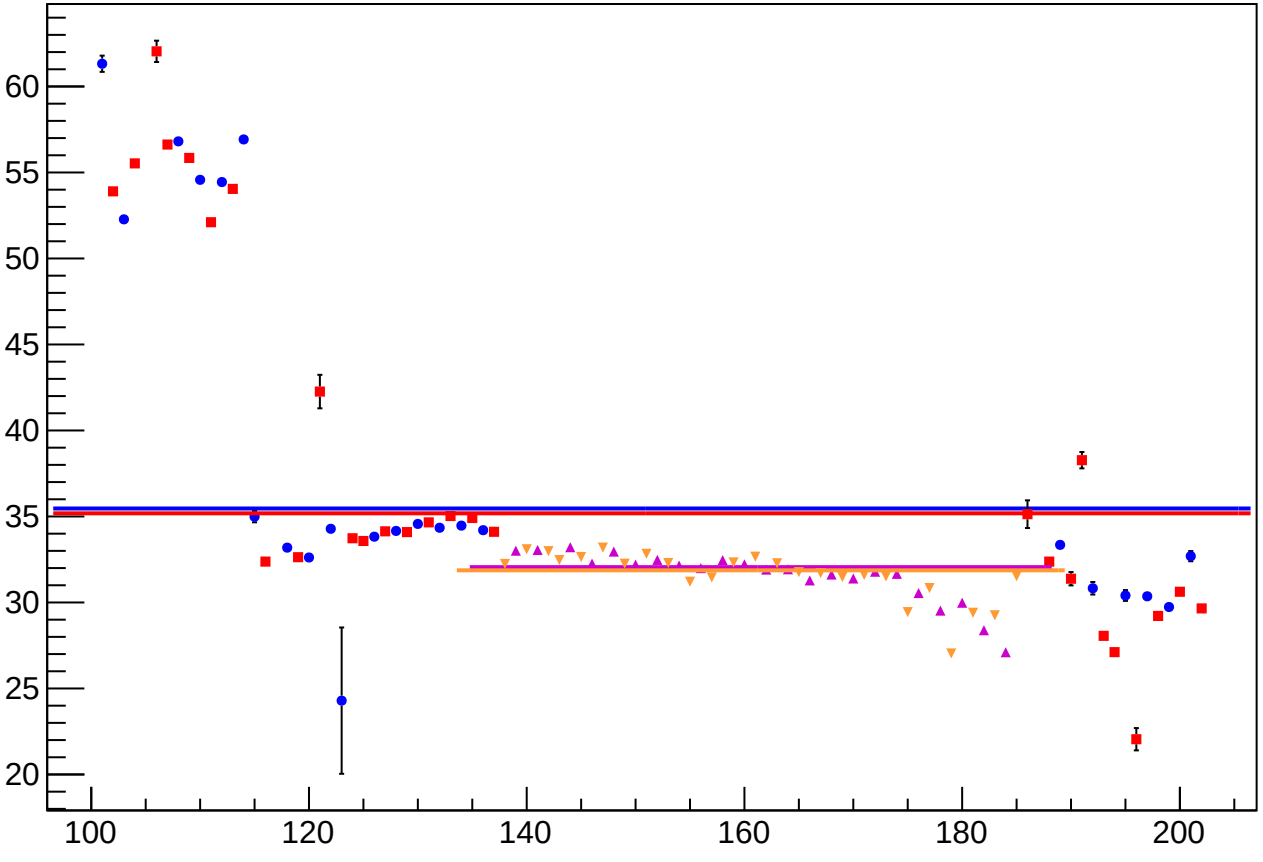
Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

+ sign 0.193+/-0.000 χ^2/NDF: 77884.2/47

All: 0.193+/-0.000 χ^2/NDF: 172934.8/98

- sign 0.335+/-0.000 χ^2/NDF: 13441.8/50

dit_sam5_4aY_slope vs Slug



Right In: 35.464+/-0.011 χ^2/NDF: 227278.2/22

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.183+/-0.010 χ^2/NDF: 282073.4/27

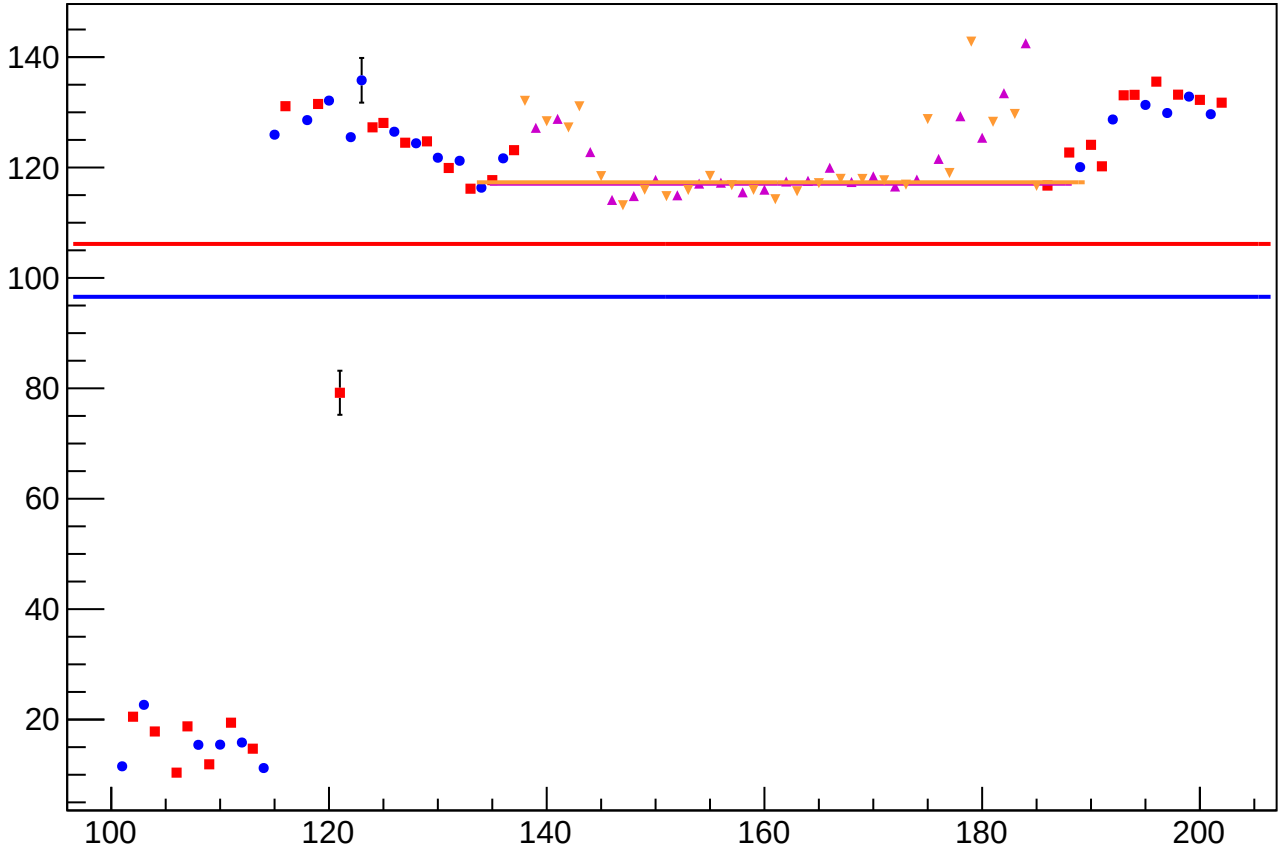
Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

+ sign 32.129+/-0.003 χ^2/NDF: 385691.5/47

All: 32.234+/-0.002 χ^2/NDF: 784035.5/98

- sign 32.356+/-0.003 χ^2/NDF: 395717.1/50

dit_sam5_4eY_slope vs Slug



Right In: 96.578+/-0.028 χ^2/NDF: 2843787.7/22

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 106.158+/-0.024 χ^2/NDF: 3484925.3/27

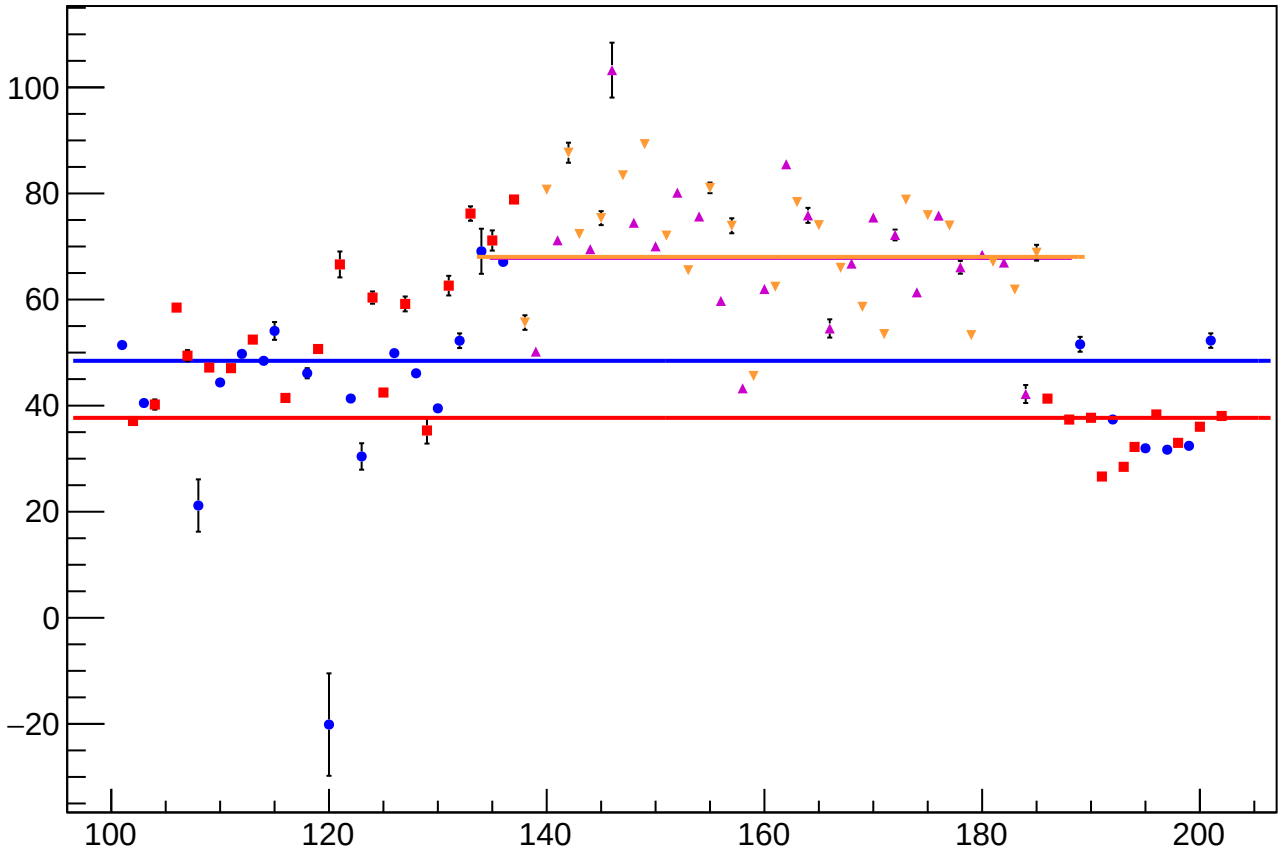
Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

+ sign 115.821+/-0.008 χ^2/NDF: 3523019.7/47

All: 115.799+/-0.006 χ^2/NDF: 7251821.2/98

- sign 115.773+/-0.008 χ^2/NDF: 3728783.2/50

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 13031.6/22

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 37.695+/-0.074 χ^2/NDF: 14012.0/27

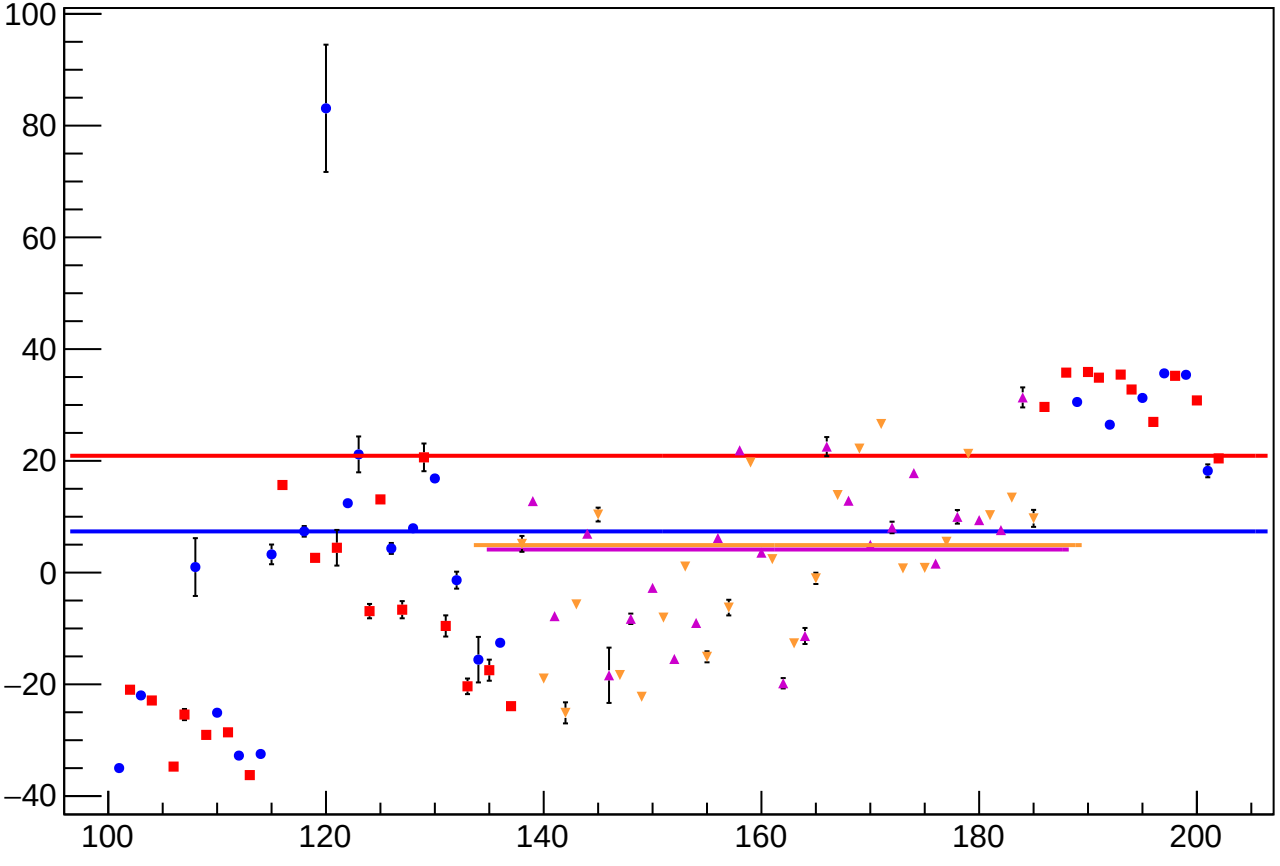
Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

+ sign 48.450+/-0.000 χ^2/NDF: 41653.4/47

All: 48.450+/-0.000 χ^2/NDF: 105973.5/98

- sign 45.516+/-0.064 χ^2/NDF: 62217.6/50

dit_sam6_4eX_slope vs Slug



Right In: 7.370+/-0.104 χ^2/NDF: 73542.5/22

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 20.909+/-0.068 χ^2/NDF: 105359.9/27

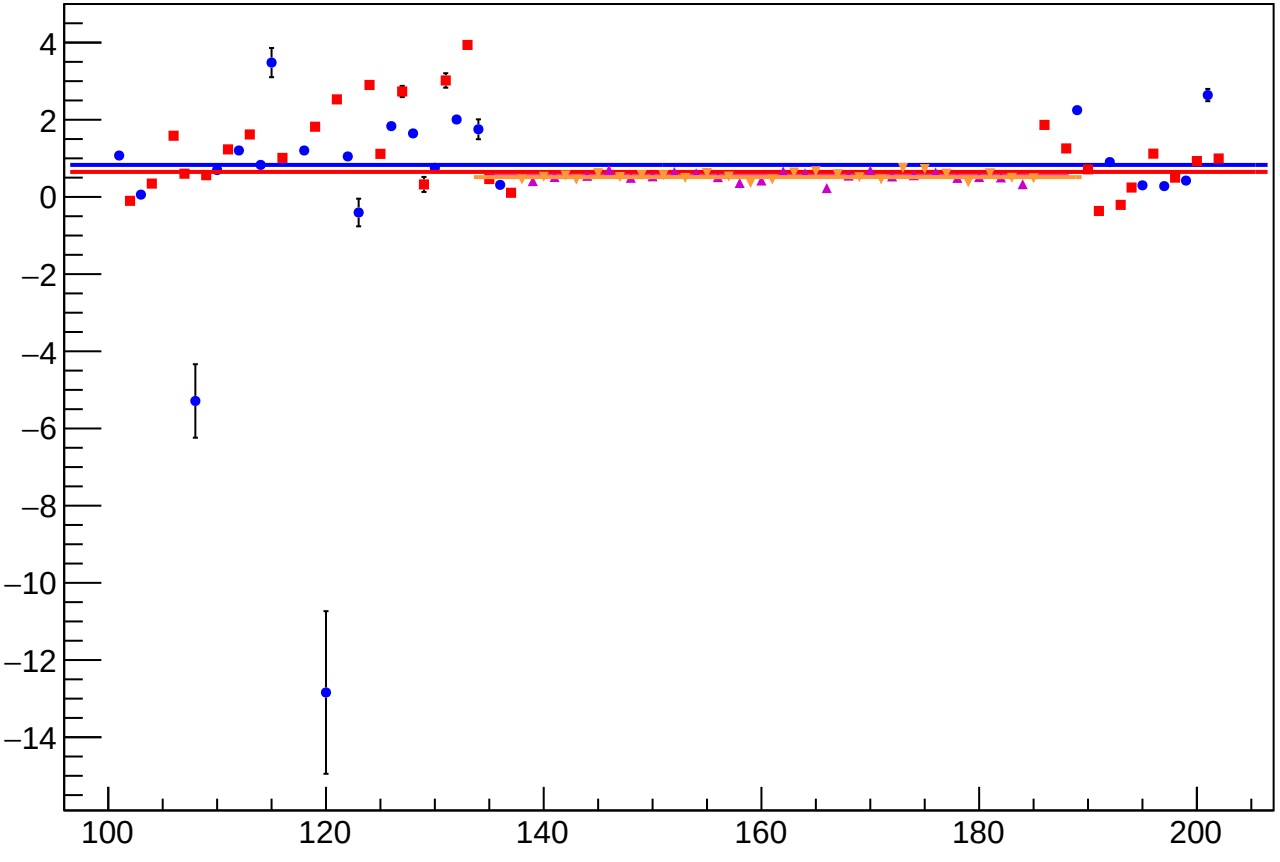
Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

+ sign 6.431+/-0.082 χ^2/NDF: 84132.9/47

All: 13.399+/-0.048 χ^2/NDF: 220370.4/98

- sign 17.151+/-0.060 χ^2/NDF: 125087.2/50

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 16083.6/22

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.648+/-0.005 χ^2/NDF: 9554.6/27

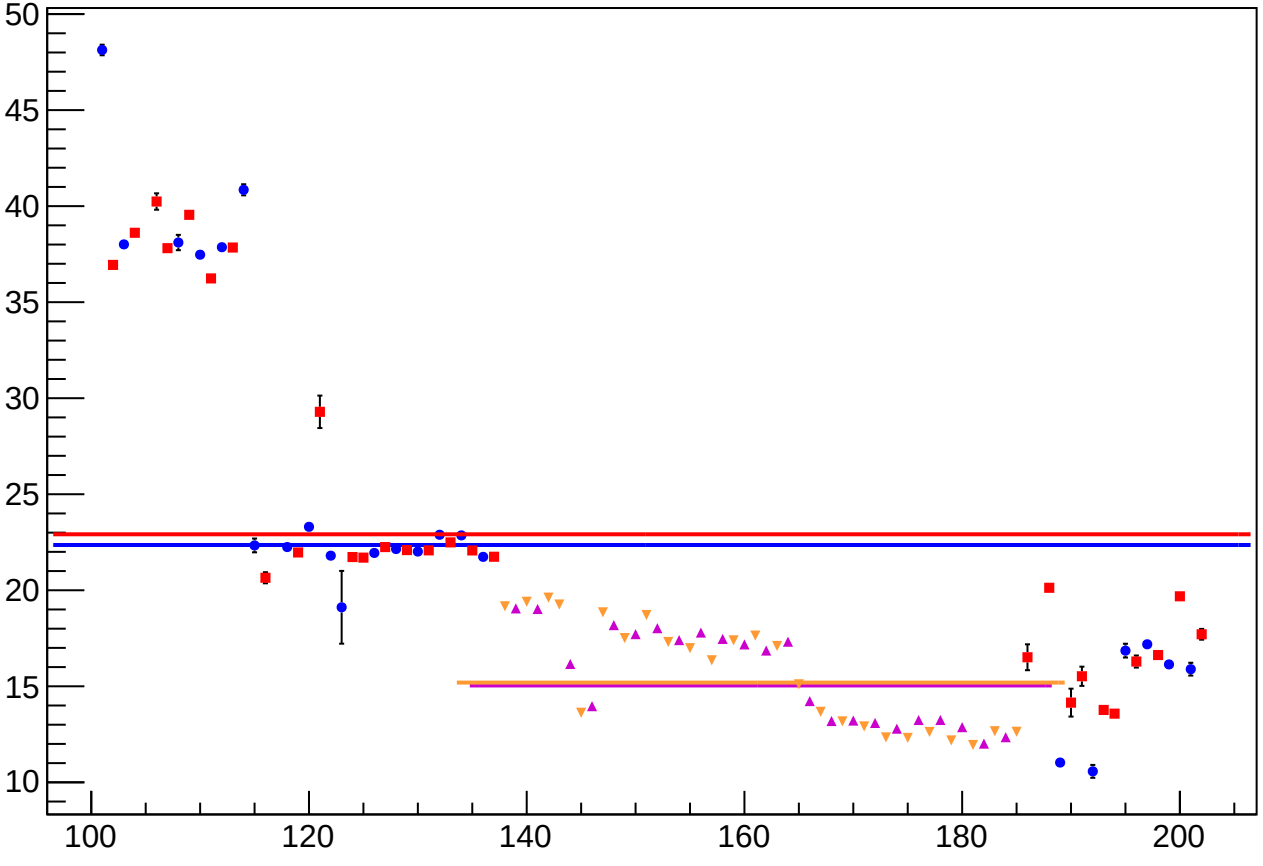
Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

+ sign 0.830+/-0.000 χ^2/NDF: 139495.5/47

All: 0.830+/-0.000 χ^2/NDF: 277194.9/98

- sign 0.539+/-0.001 χ^2/NDF: 21740.0/50

dit_sam6_4aY_slope vs Slug



Right In: 22.358+/-0.009 χ^2/NDF: 128521.6/22

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.914+/-0.009 χ^2/NDF: 172025.8/27

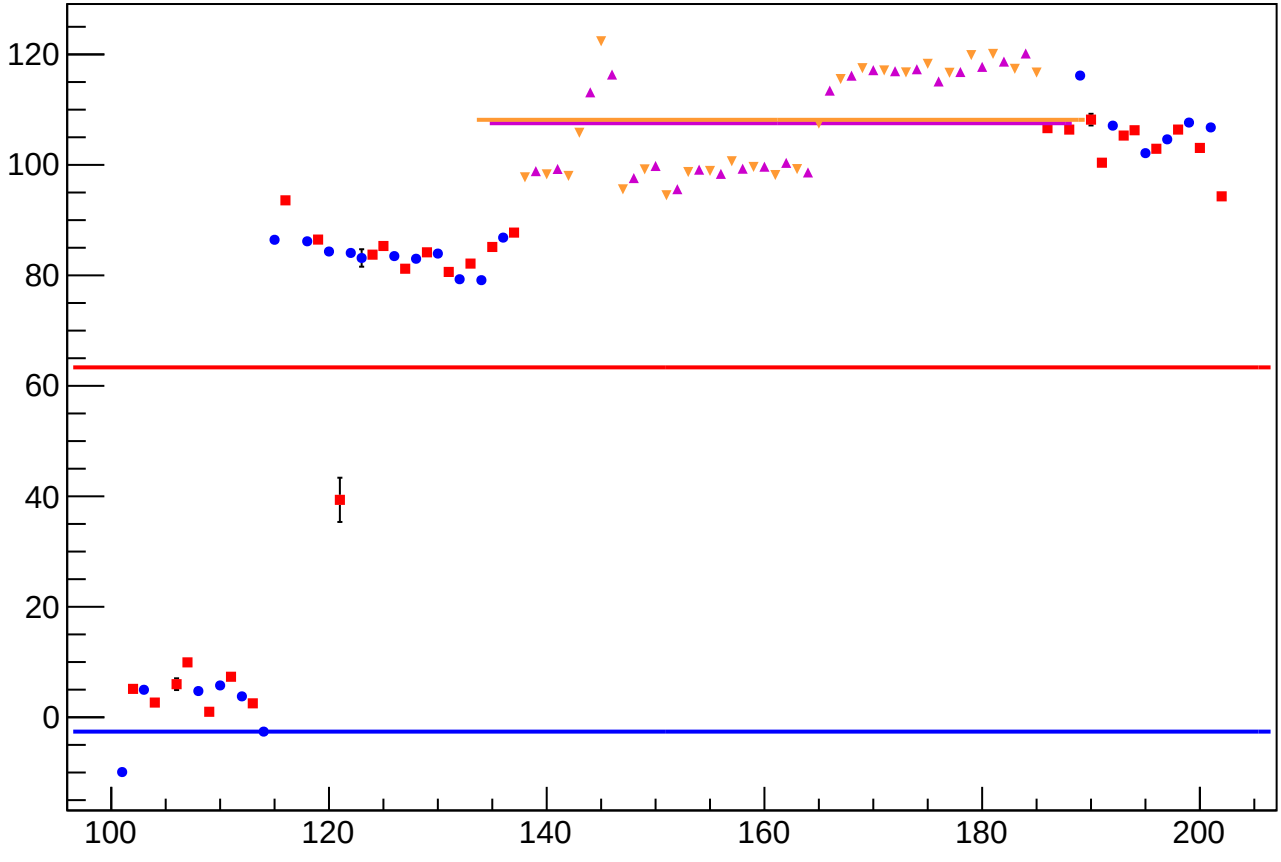
Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

+ sign 16.457+/-0.004 χ^2/NDF: 1042293.0/47

All: 16.566+/-0.003 χ^2/NDF: 2108644.1/98

- sign 16.689+/-0.004 χ^2/NDF: 1064656.5/50

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 8547518.2/22

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 63.344+/-0.030 χ^2/NDF: 1737285.7/27

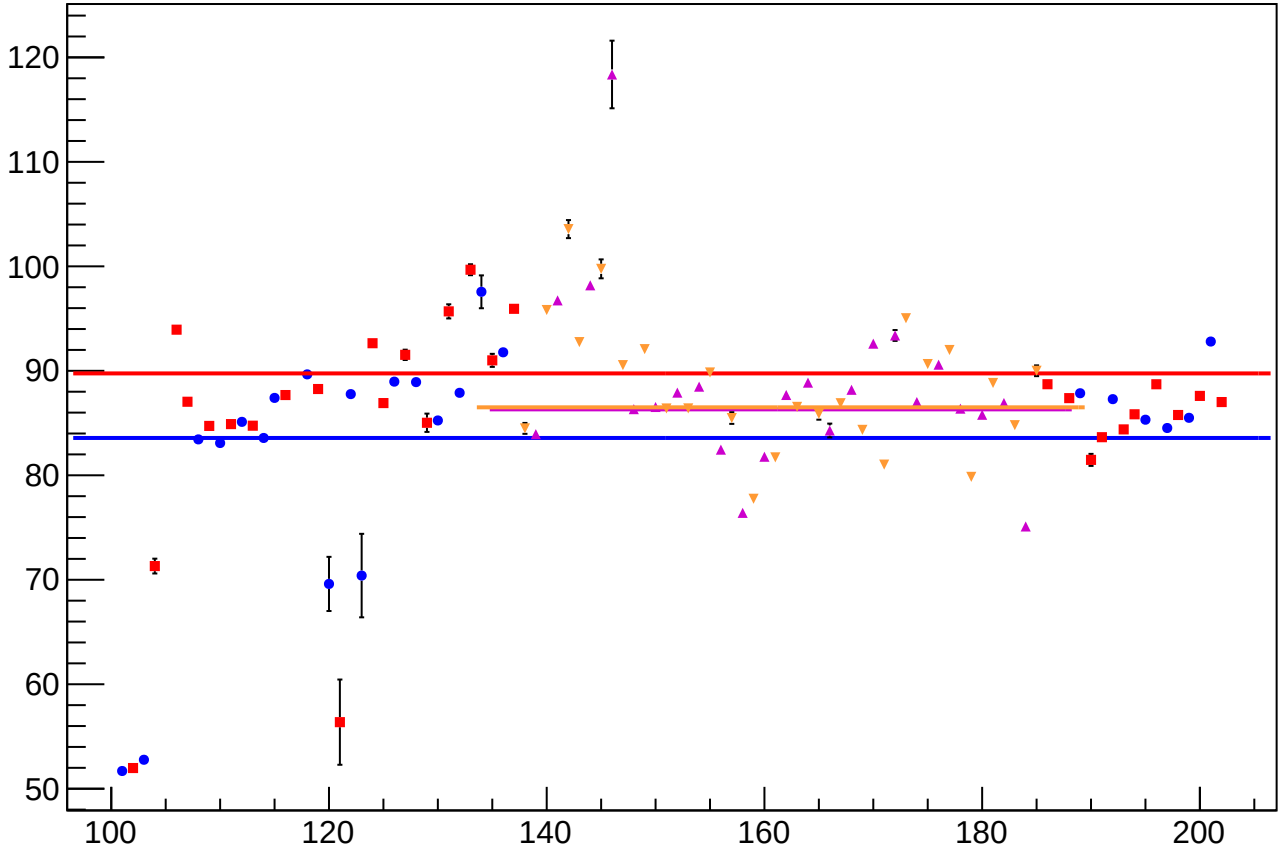
Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF: 151335500.5/47

All: -2.596+/-0.000 χ^2/NDF: 298447467.4/98

- sign 103.660+/-0.009 χ^2/NDF: 4700981.4/50

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 51193.3/22

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 89.752+/-0.020 χ^2/NDF: 78530.8/27

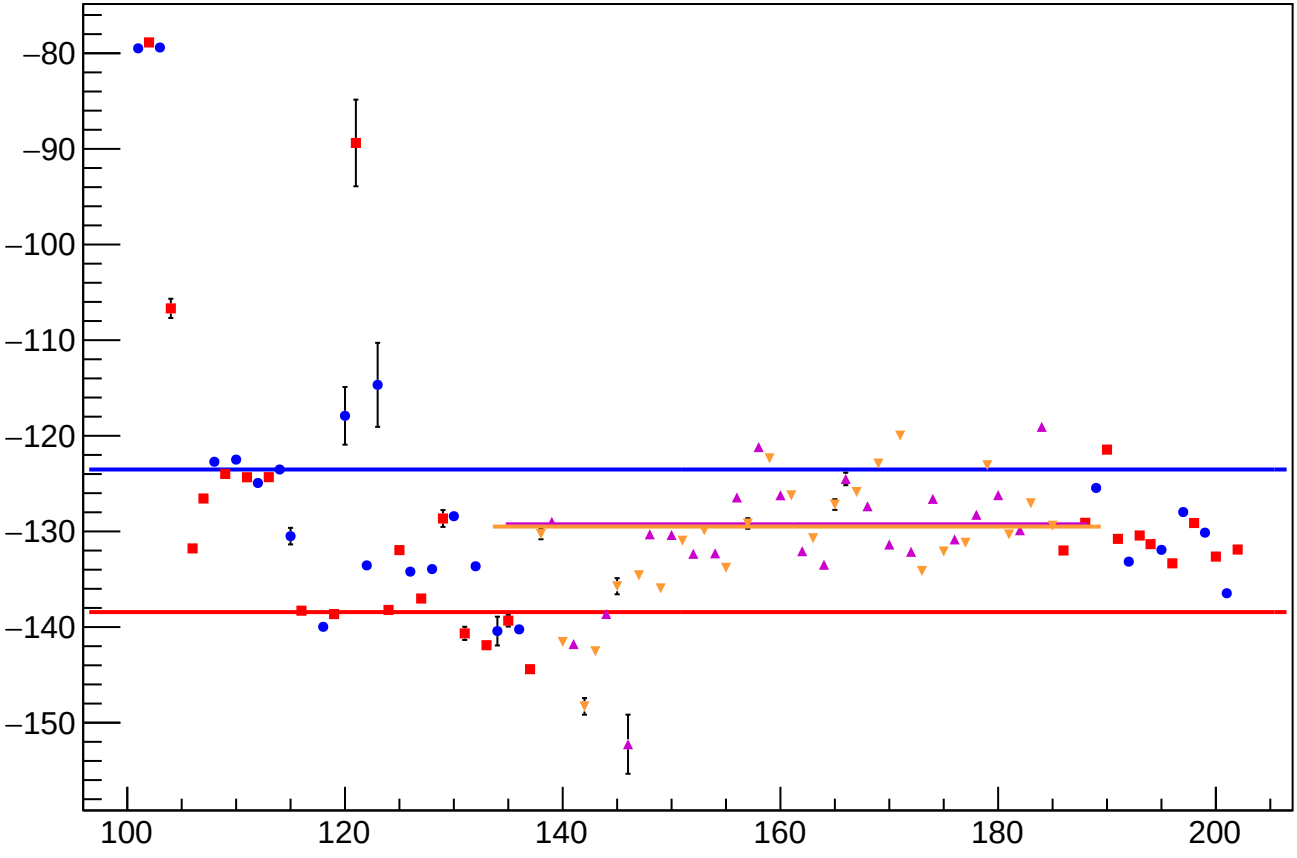
Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

+ sign 83.573+/-0.000 χ^2/NDF: 62140.5/47

All: 83.573+/-0.000 χ^2/NDF: 248462.4/98

- sign 89.303+/-0.019 χ^2/NDF: 91092.0/50

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 180760.5/22

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -138.435+/-0.016 χ^2/NDF: 304846.3/27

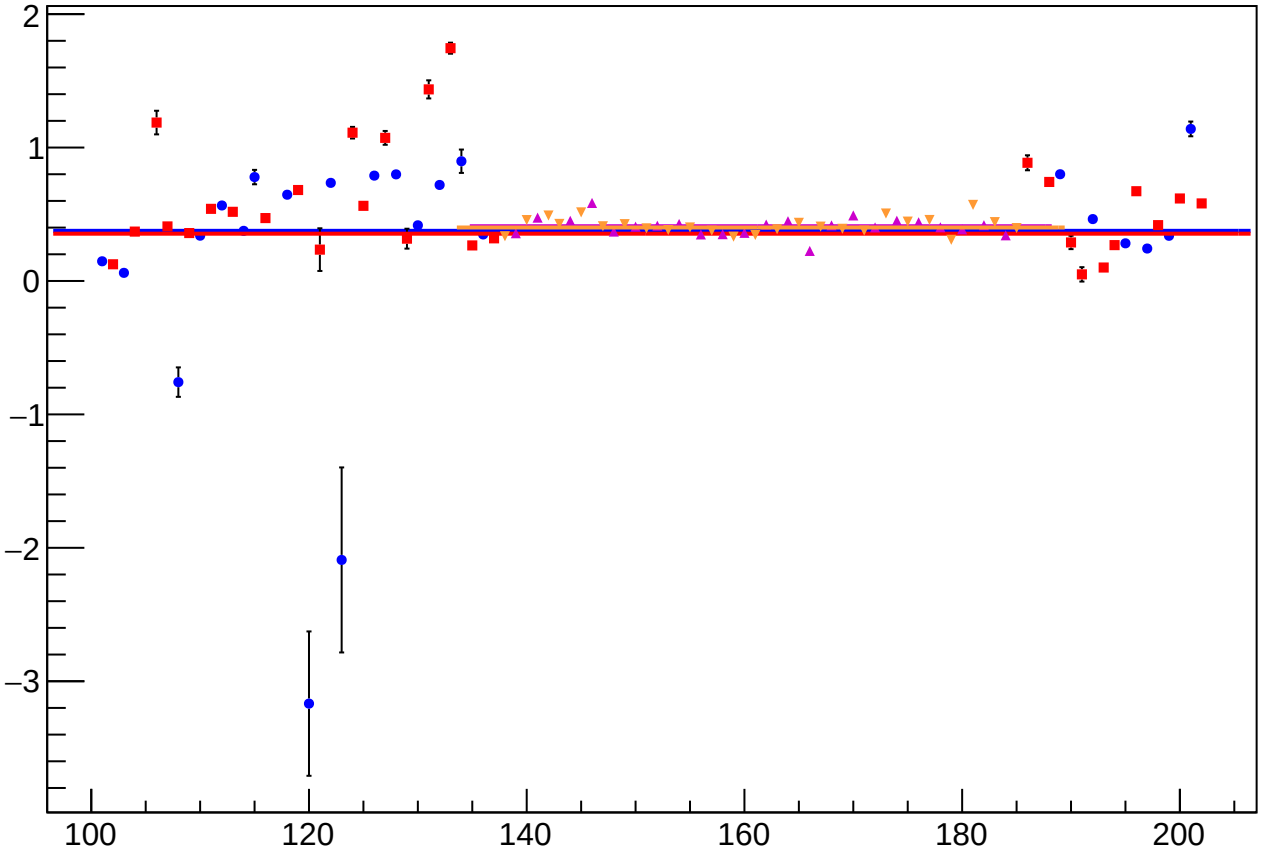
Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF: 201695.6/47

All: -123.524+/-0.000 χ^2/NDF: 1388232.1/98

- sign -137.624+/-0.015 χ^2/NDF: 340311.9/50

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 4511.8/22

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.354+/-0.001 χ^2/NDF: 7119.0/27

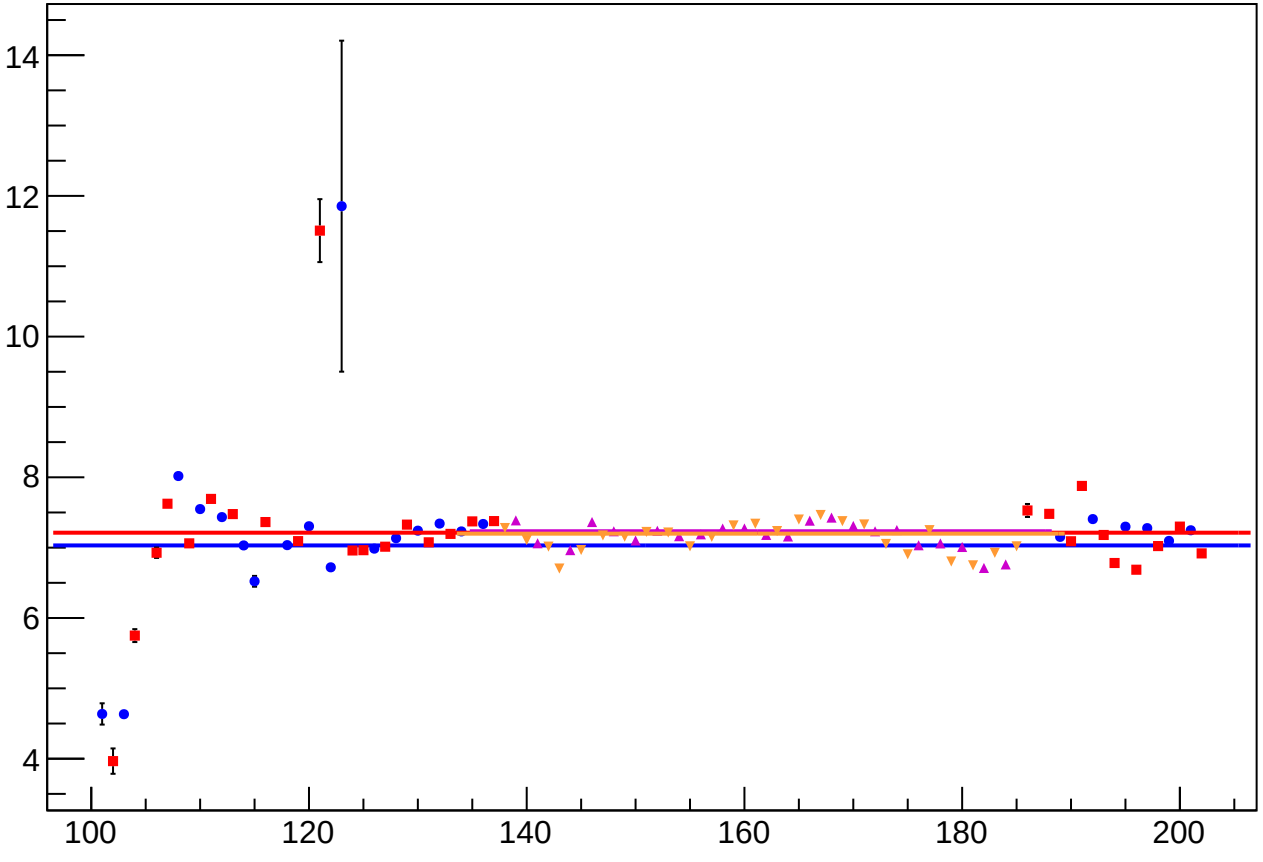
Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

+ sign 0.376+/-0.000 χ^2/NDF: 16052.2/47

All: 0.376+/-0.000 χ^2/NDF: 37765.0/98

- sign 0.405+/-0.000 χ^2/NDF: 16986.5/50

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 20792.7/22

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.213+/-0.002 χ^2/NDF: 11082.7/27

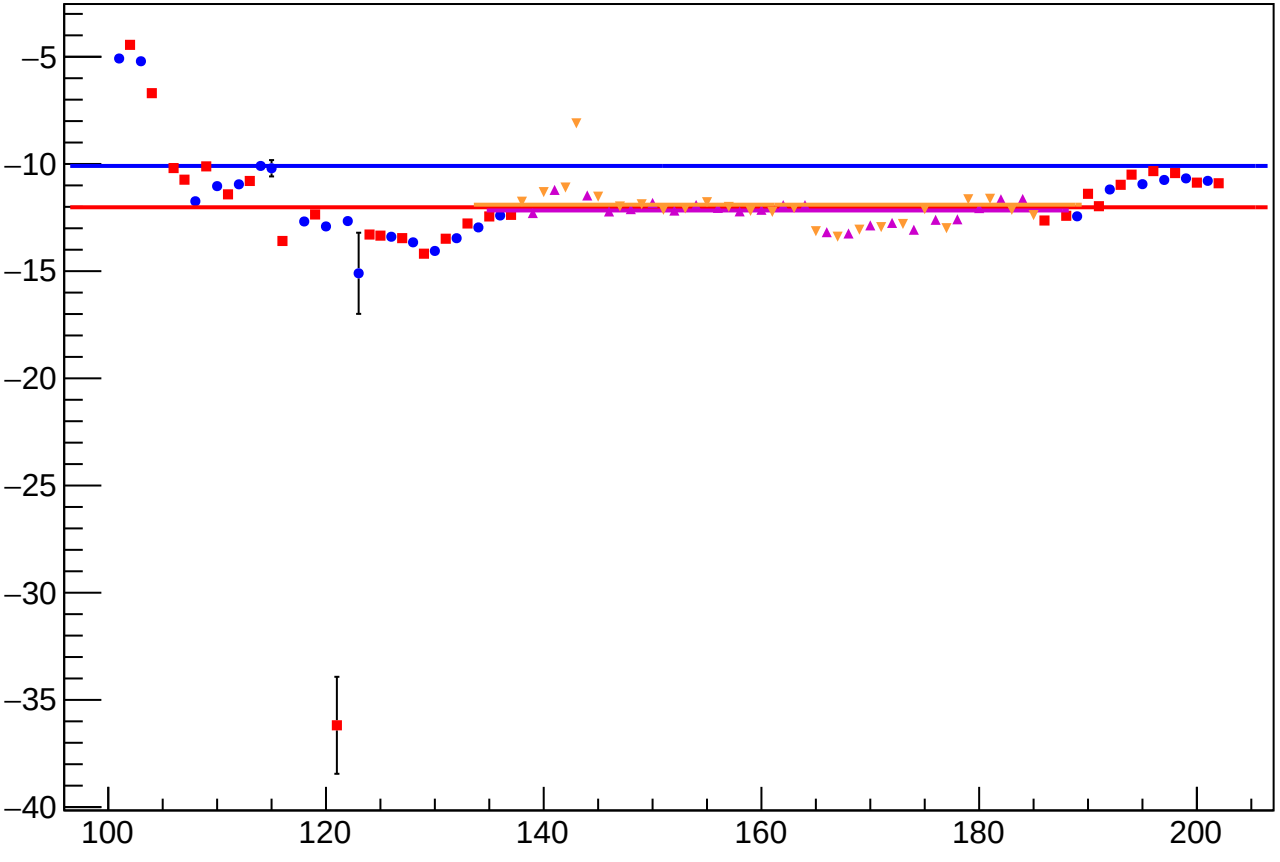
Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

+ sign 7.032+/-0.000 χ^2/NDF: 92597.5/47

All: 7.032+/-0.000 χ^2/NDF: 192212.6/98

- sign 7.231+/-0.001 χ^2/NDF: 34243.7/50

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 555411.3/22

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.020+/-0.003 χ^2/NDF: 167616.6/27

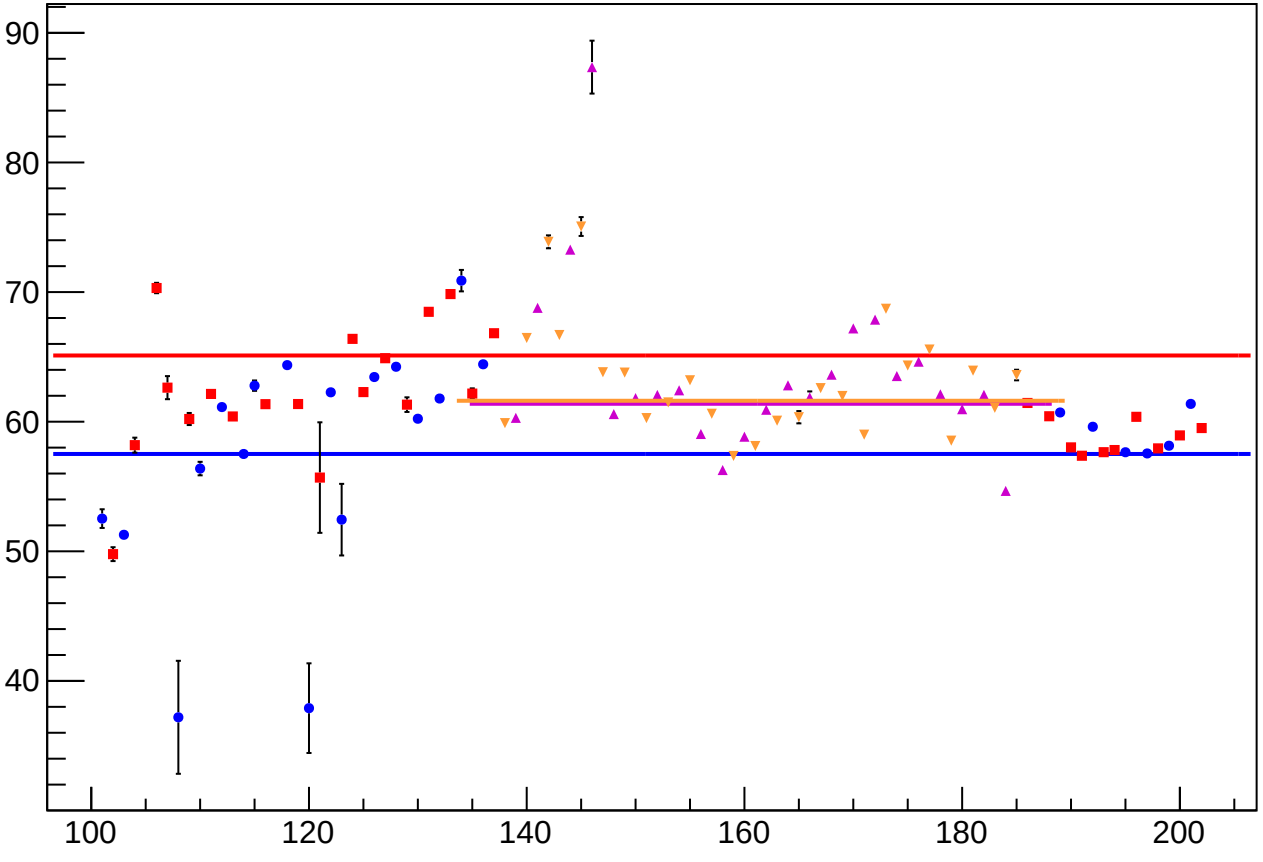
Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

+ sign -10.092+/-0.000 χ^2/NDF: 2197374.9/47

All: -10.092+/-0.000 χ^2/NDF: 4278550.8/98

- sign -12.135+/-0.001 χ^2/NDF: 218930.1/50

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 9929.3/22

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 65.108+/-0.012 χ^2/NDF: 80906.5/27

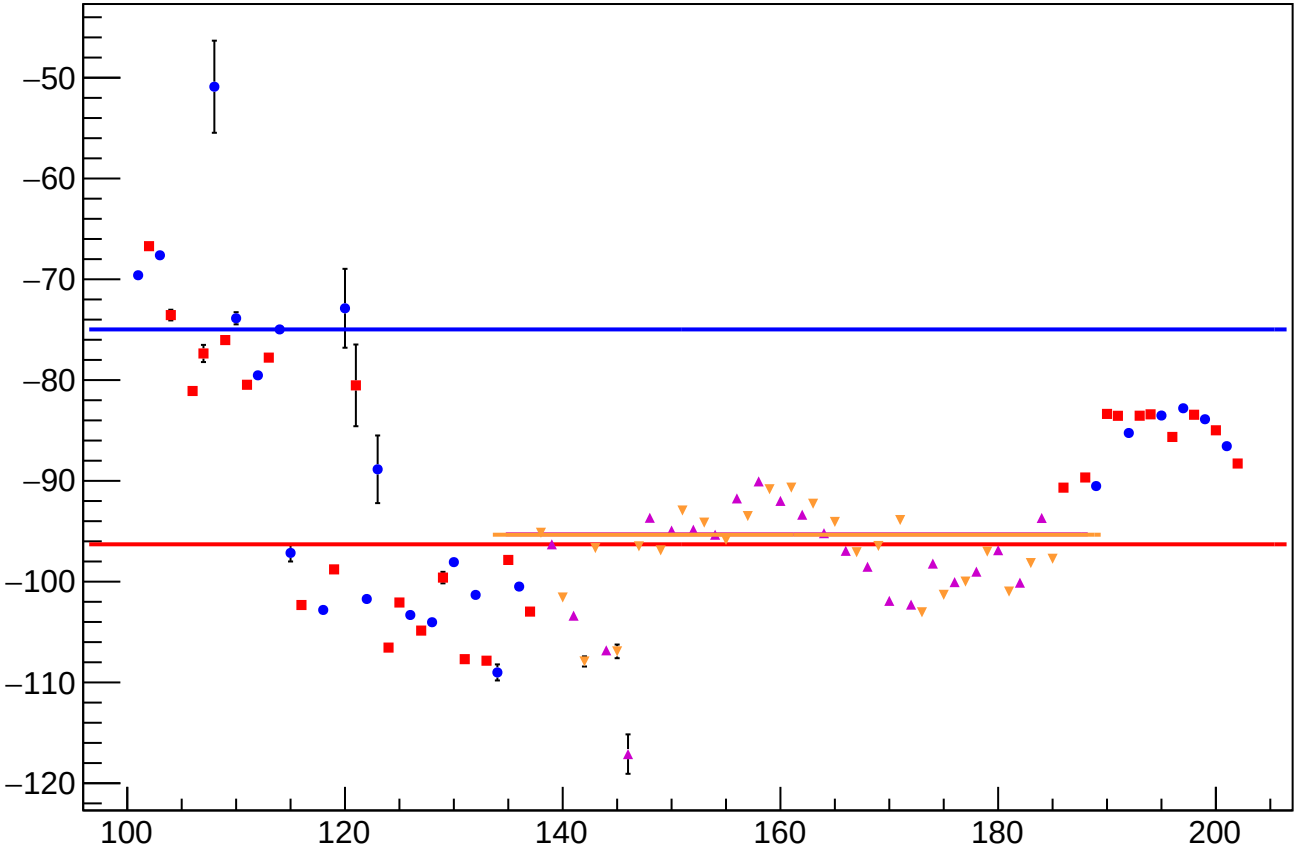
Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

+ sign 57.510+/-0.000 χ^2/NDF: 28827.1/47

All: 57.510+/-0.000 χ^2/NDF: 550910.4/98

- sign 64.679+/-0.011 χ^2/NDF: 101387.4/50

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 213321.5/22

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -96.295+/-0.014 χ^2/NDF: 391802.1/27

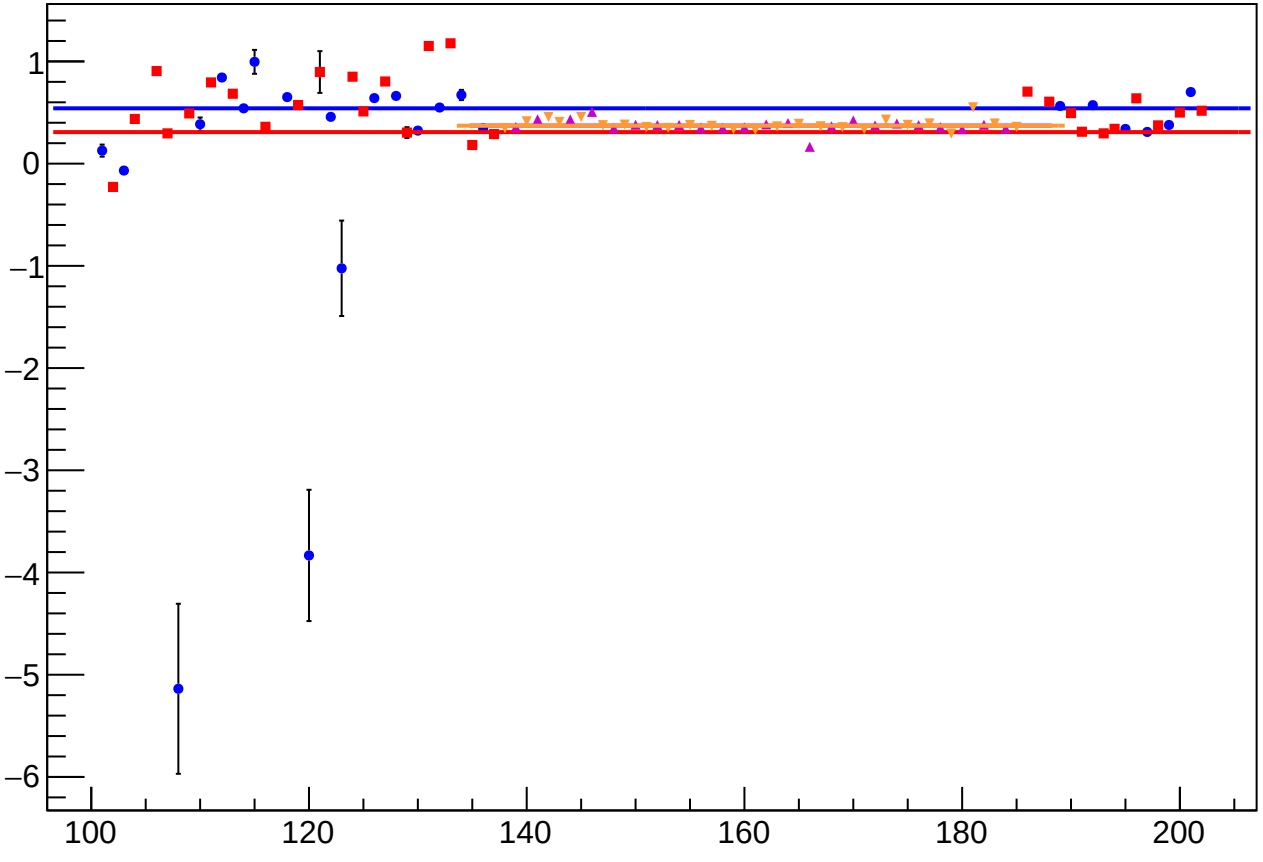
Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

+ sign -74.974+/-0.000 χ^2/NDF: 499670.2/47

All: -74.974+/-0.000 χ^2/NDF: 3497413.6/98

- sign -96.139+/-0.013 χ^2/NDF: 403829.4/50

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 30984.8/22

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.308+/-0.001 χ^2/NDF: 12621.0/27

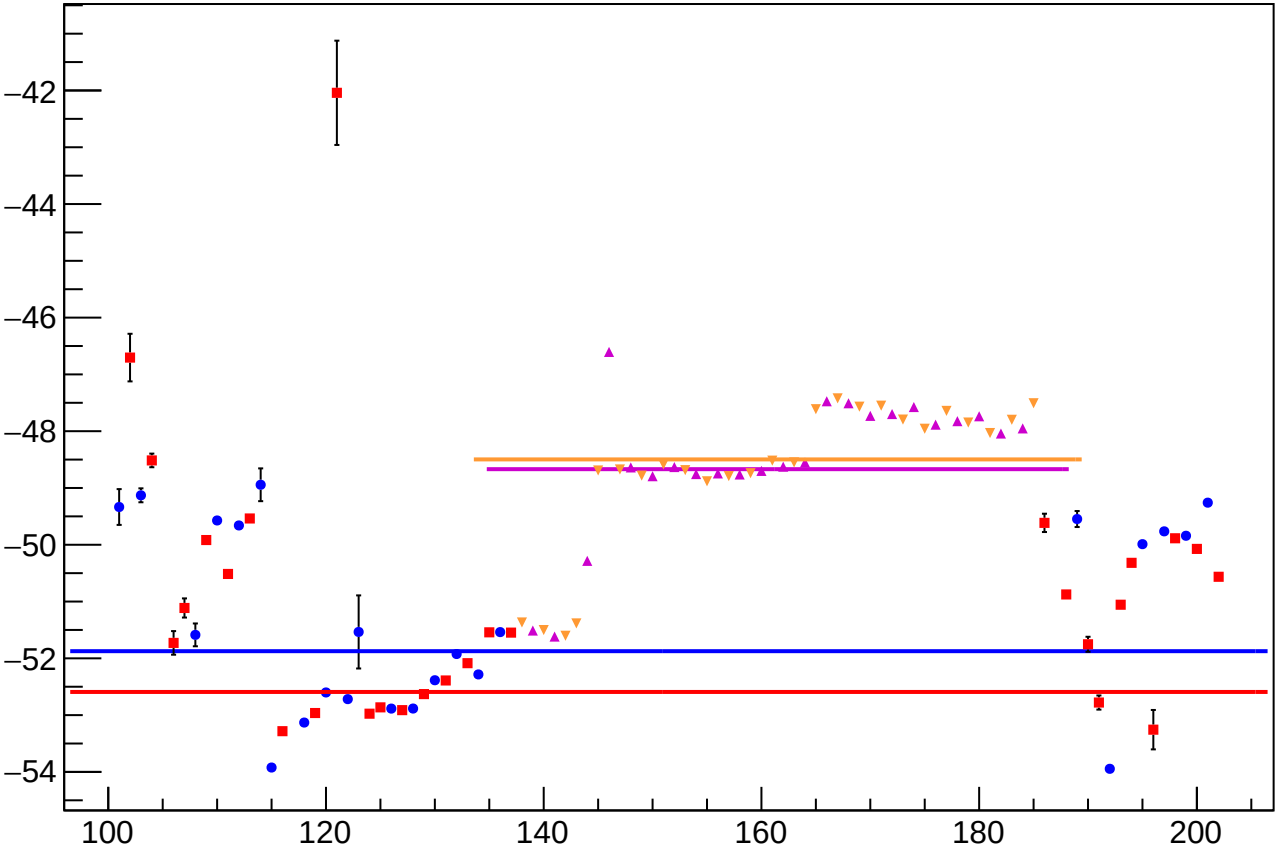
Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

+ sign 0.541+/-0.000 χ^2/NDF: 249096.1/47

All: 0.541+/-0.000 χ^2/NDF: 653947.7/98

- sign 0.364+/-0.000 χ^2/NDF: 24335.1/50

dit_sam8_4aY_slope vs Slug



Right In: -51.874+/-0.002 χ^2/NDF: 84759.7/22

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.592+/-0.003 χ^2/NDF: 91190.0/27

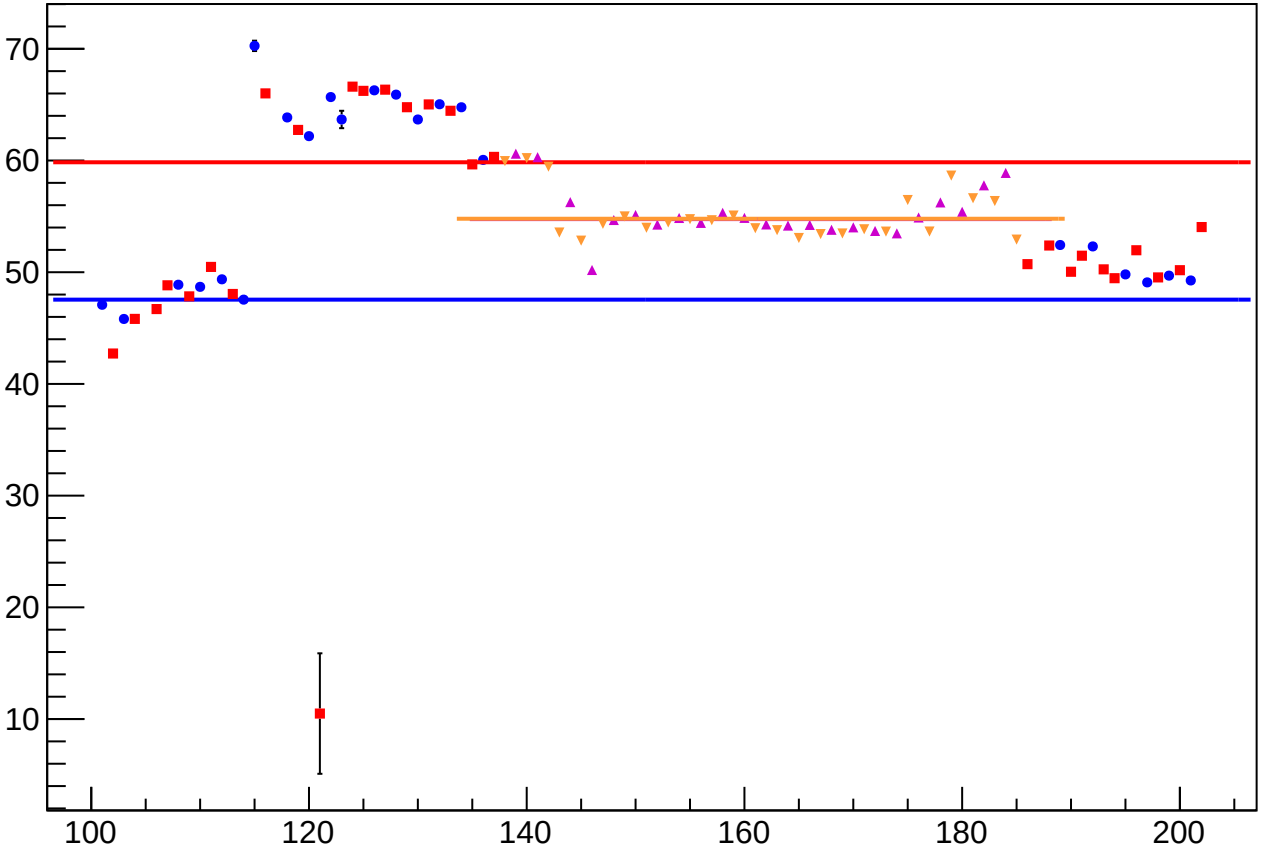
Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

+ sign -49.129+/-0.001 χ^2/NDF: 2666240.0/47

All: -49.139+/-0.001 χ^2/NDF: 5710263.3/98

- sign -49.147+/-0.001 χ^2/NDF: 3043832.3/50

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3612956.1/22

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 59.842+/-0.006 χ^2/NDF: 1093521.1/27

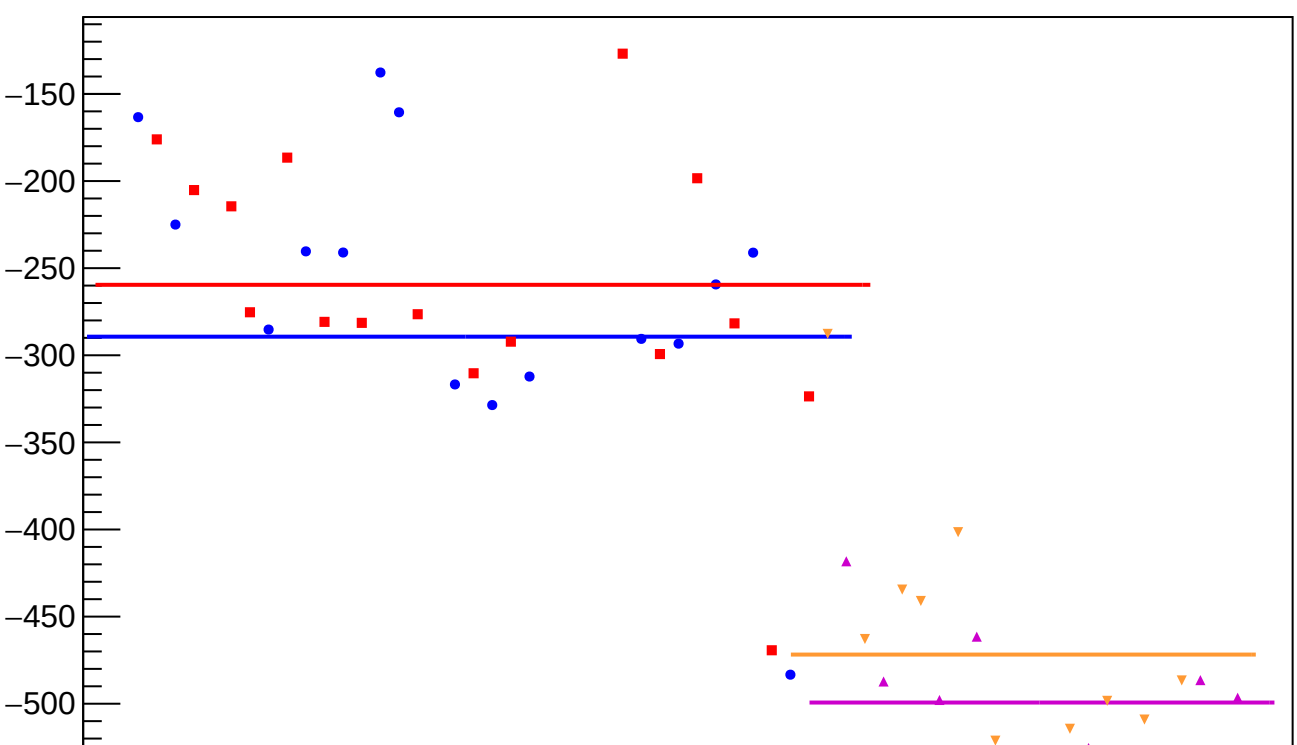
Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

+ sign 47.545+/-0.000 χ^2/NDF: 9961806.9/47

All: 47.545+/-0.000 χ^2/NDF: 22428344.2/98

- sign 55.466+/-0.002 χ^2/NDF: 1726763.9/50

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14

+ sign -396.025+/-0.000 χ^2/NDF: 22413307403279

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

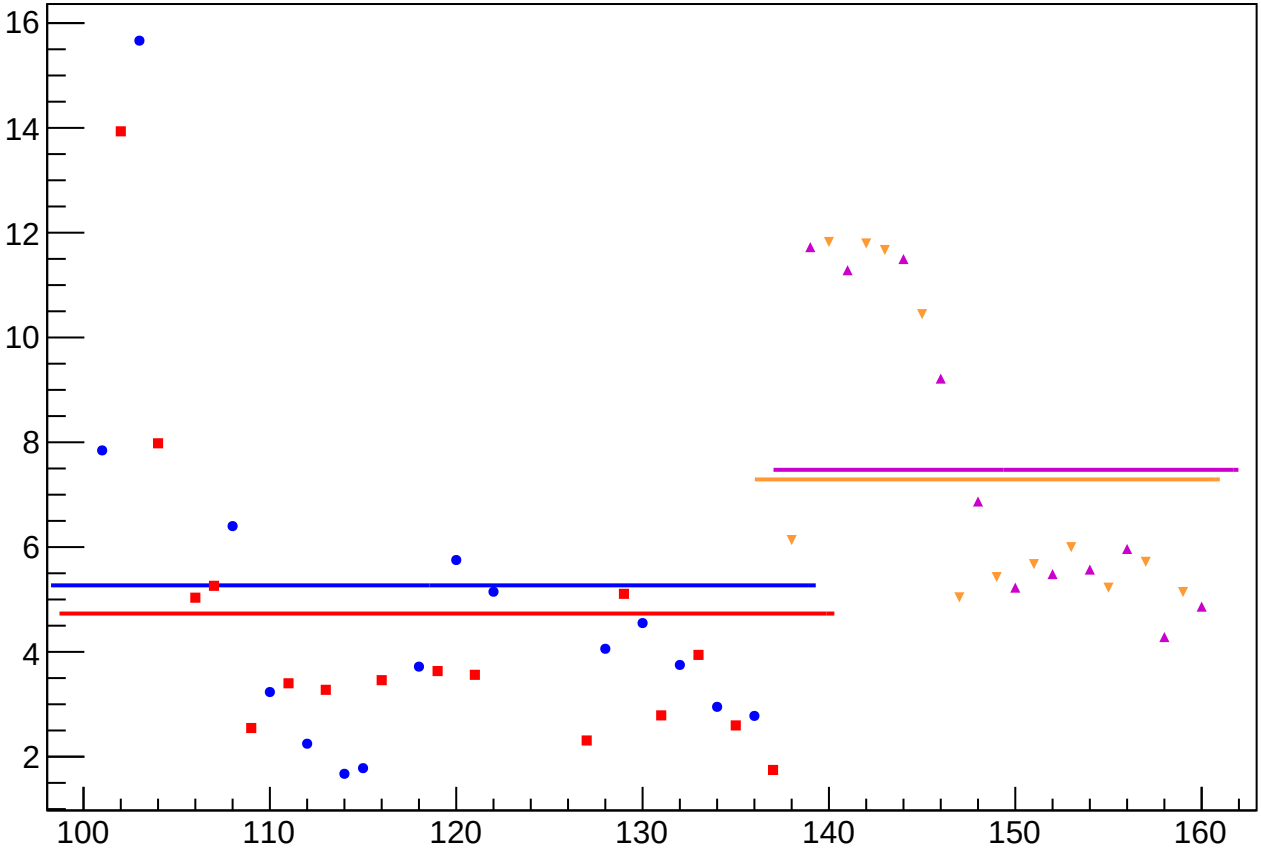
All: -397.428+/-0.000 χ^2/NDF: 50007078016

Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

- sign -398.805+/-0.000 χ^2/NDF: 27587676580489 4

Left In: -499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655 11424.0/10

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF:671805351517286388583643235116646 4.0/11

Right Out: 4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

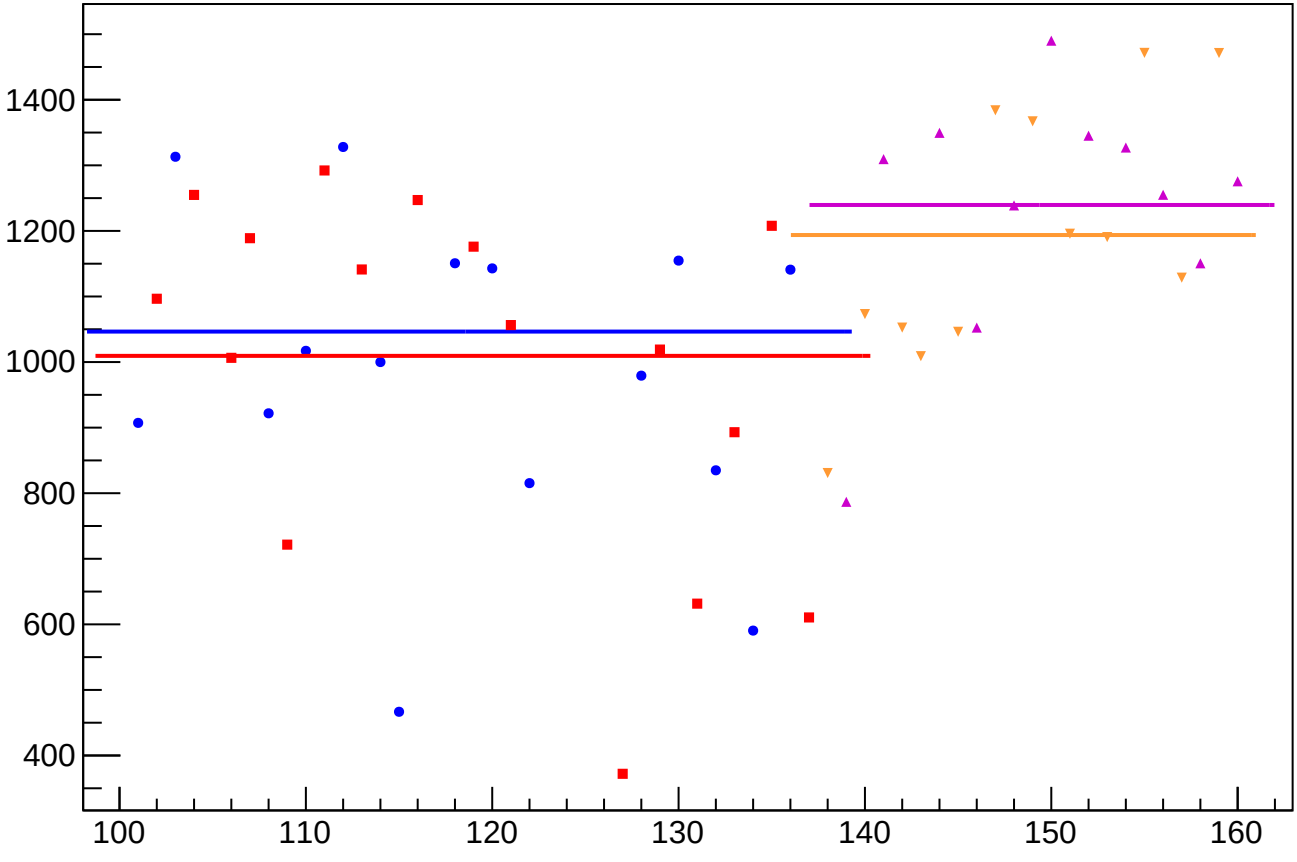
Left In: 7.475+/-0.000 χ^2/NDF:705781213939957953887024455037747 2.0/10

+ sign 6.452+/-0.000 χ^2/NDF: 1697855997373560 0

All: 6.388+/-0.000 χ^2/NDF: 3382091542103 2

- sign 6.325+/-0.000 χ^2/NDF: 1682963630535428 1

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

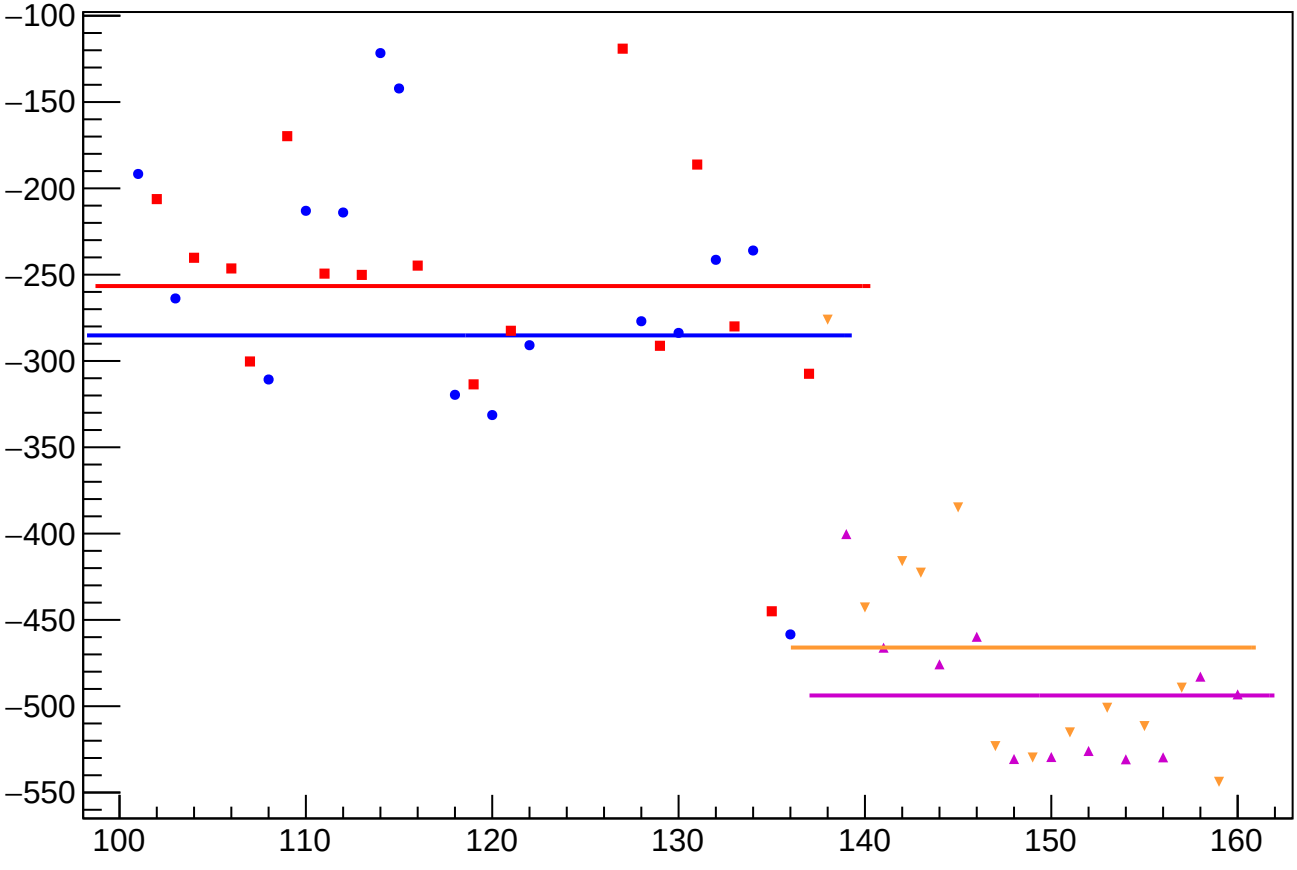
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

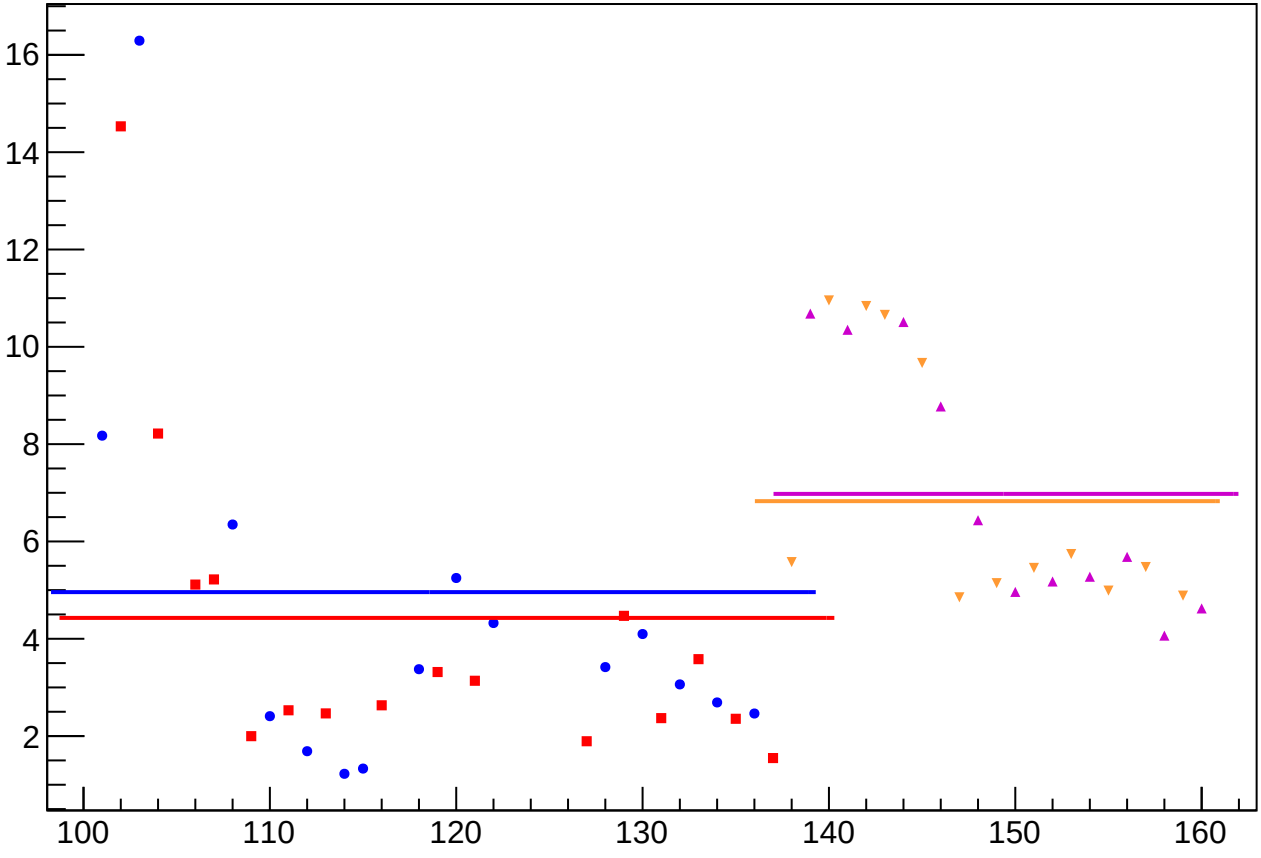
Left In: -493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF: 22079891664929

All: -392.652+/-0.000 χ^2/NDF: 4898061305 9

- sign -394.346+/-0.000 χ^2/NDF: 26891512652234 9

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

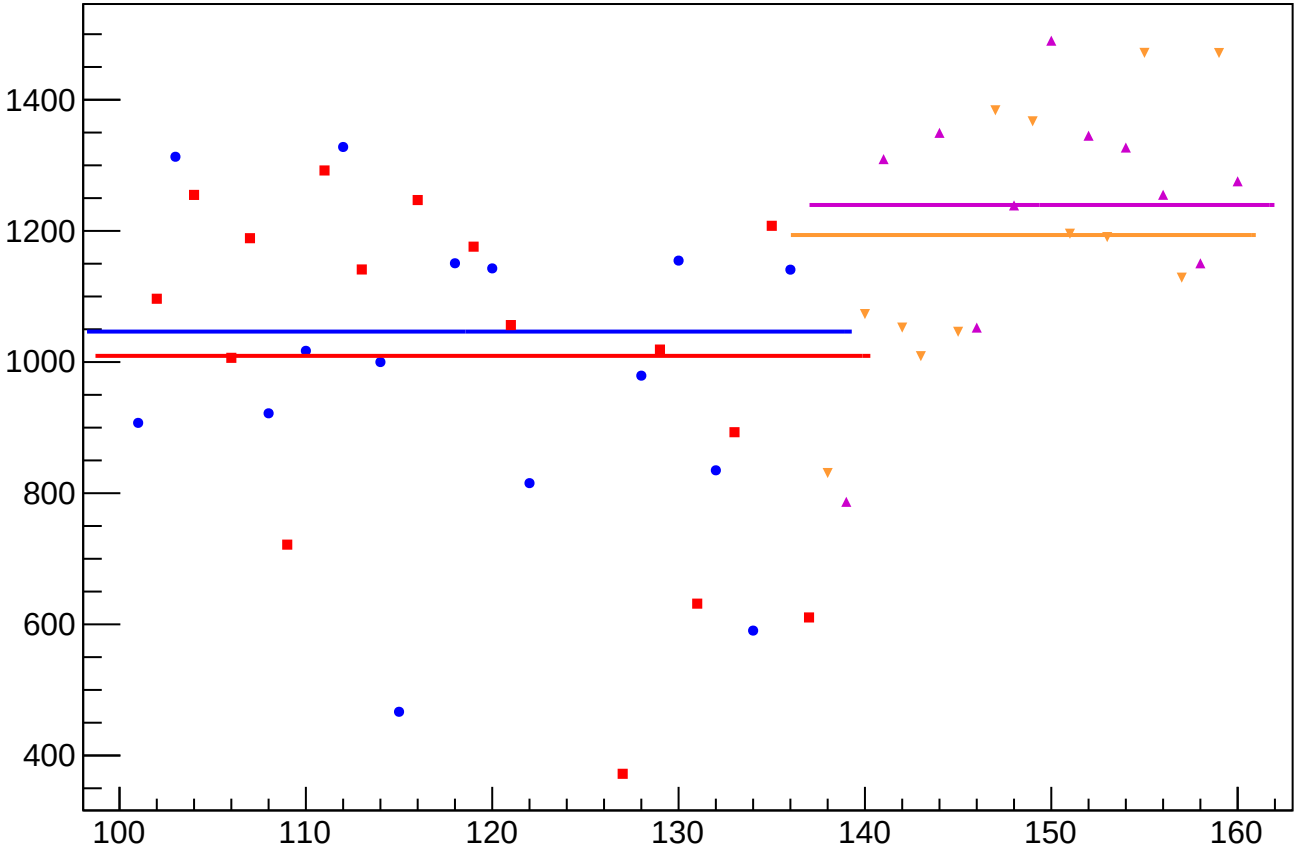
Left In: 6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

+ sign 6.052+/-0.000 χ^2/NDF: 17165819902724187

All: 5.980+/-0.000 χ^2/NDF: 3369237121731 7

- sign 5.909+/-0.000 χ^2/NDF: 16510437517508147

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

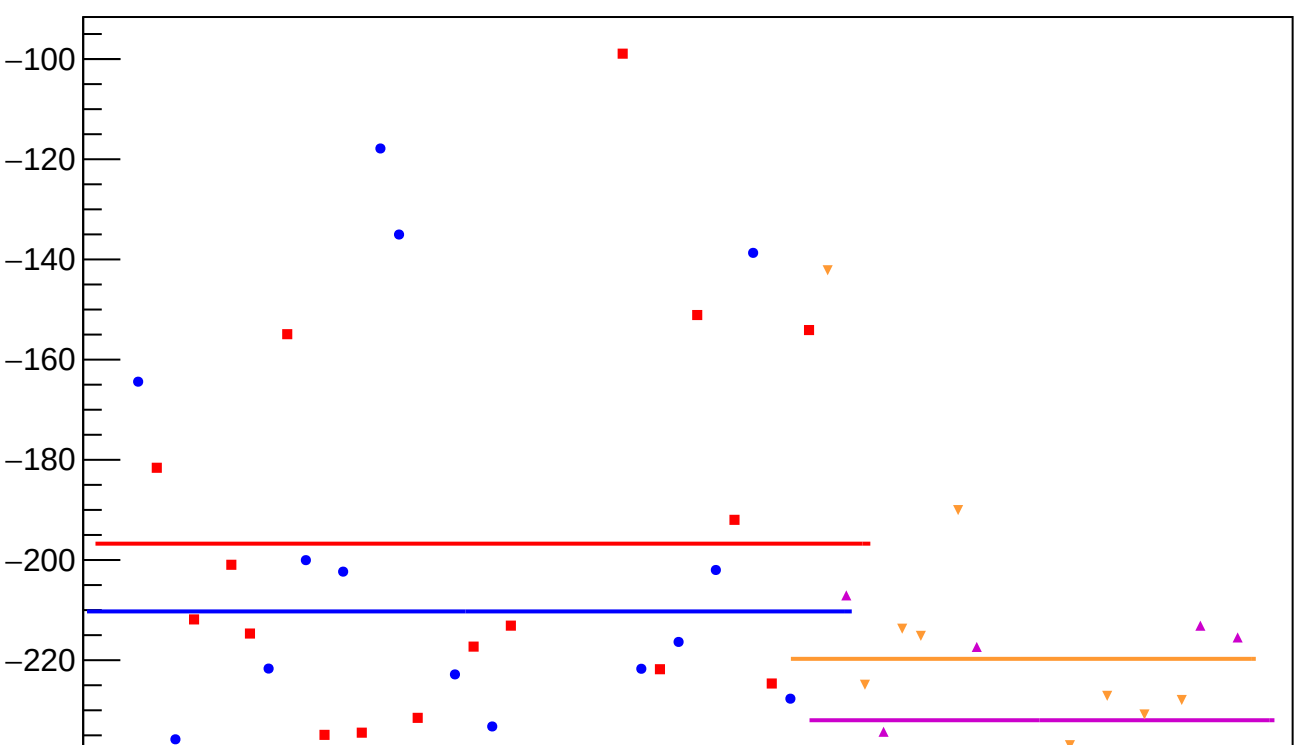
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

+ sign -215.798+/-0.000 χ^2/NDF: 12928194150556

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

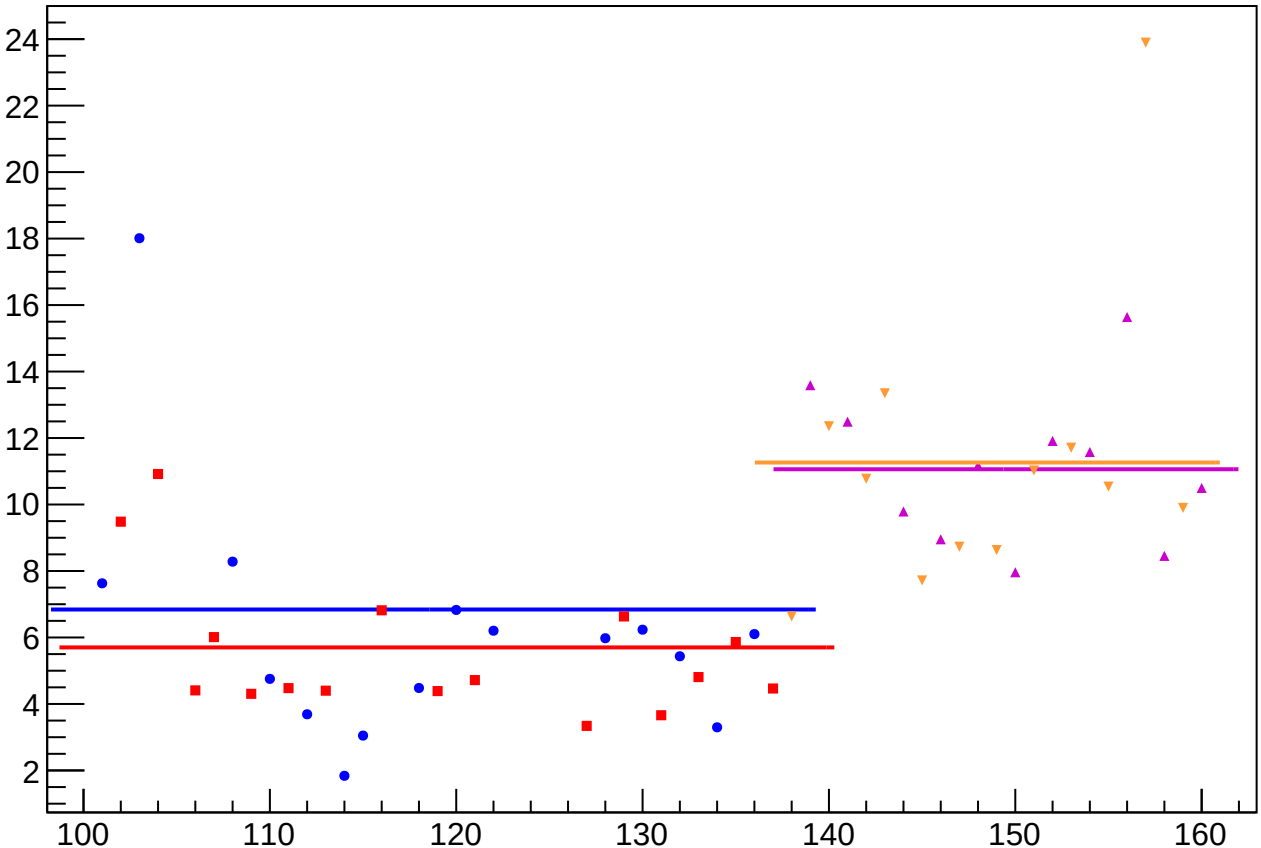
All: -216.509+/-0.000 χ^2/NDF: 2868258790 5

Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

- sign -217.208+/-0.000 χ^2/NDF: 15738723291882 8

Left In: -231.985+/-0.000 χ^2/NDF:18299202728040146313906510529088716 8.0/10

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000 χ^2/NDF:16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

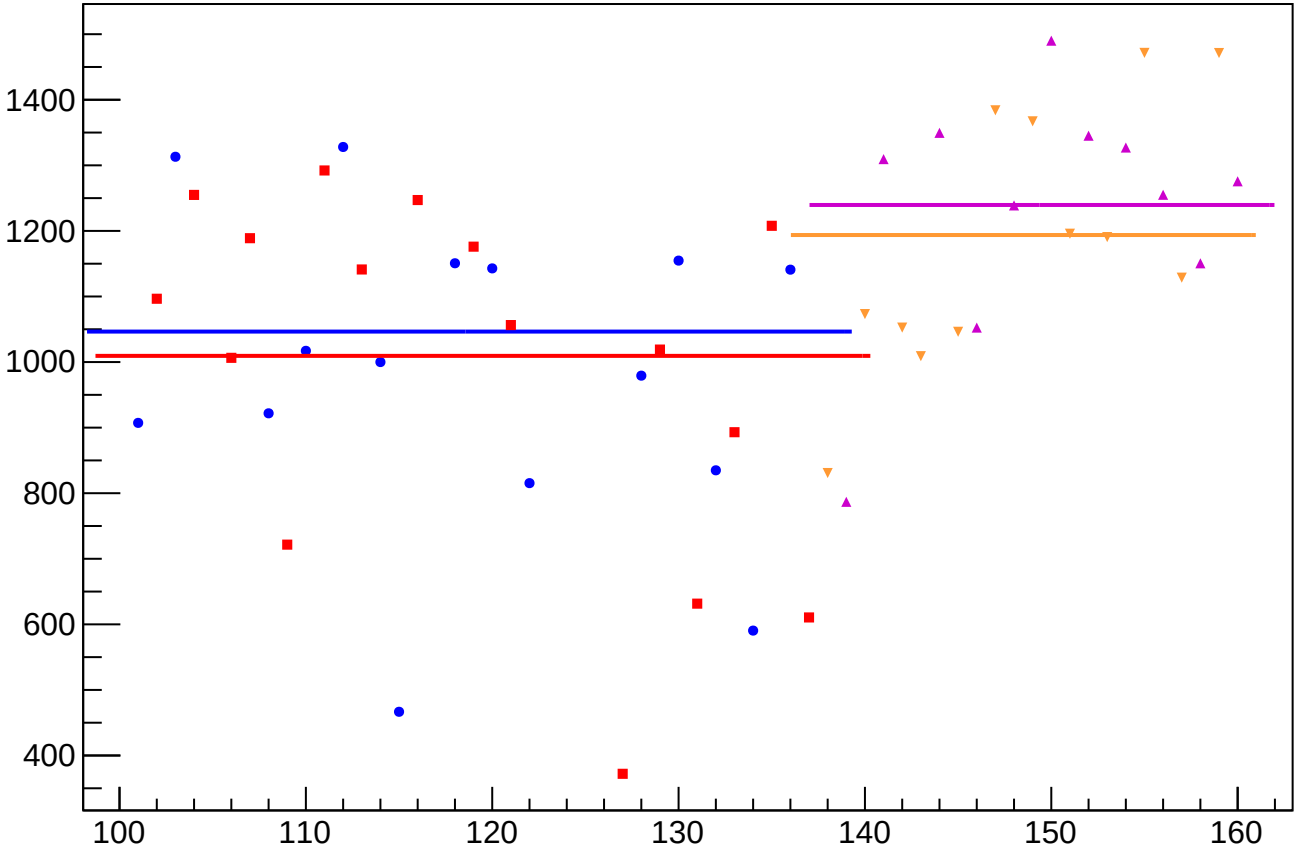
Left In: 11.061+/-0.000 χ^2/NDF:4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF: 3372642652062640

All: 9.118+/-0.000 χ^2/NDF: 5274298923072

- sign 8.814+/-0.000 χ^2/NDF: 1871995538454847

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

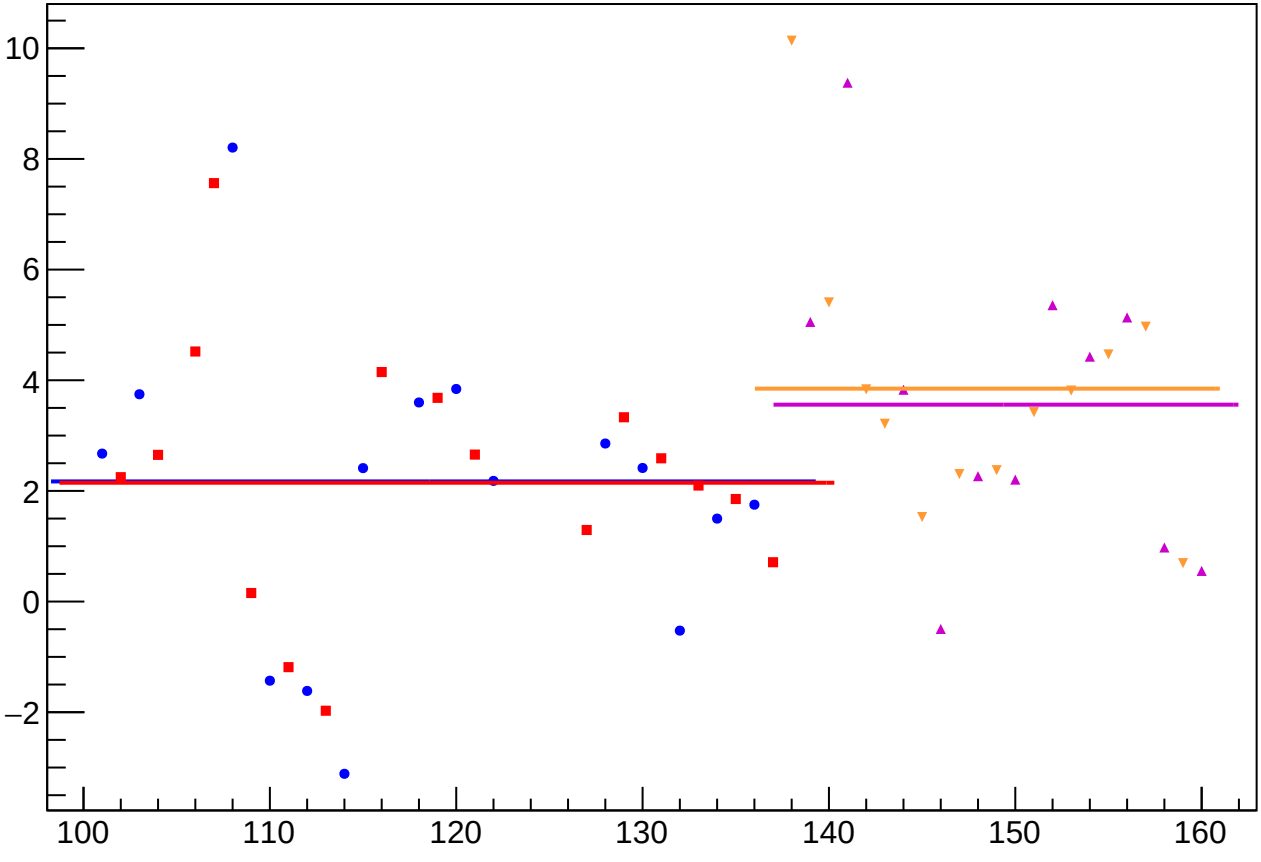
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11

Right Out: 2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187840 0.0/15

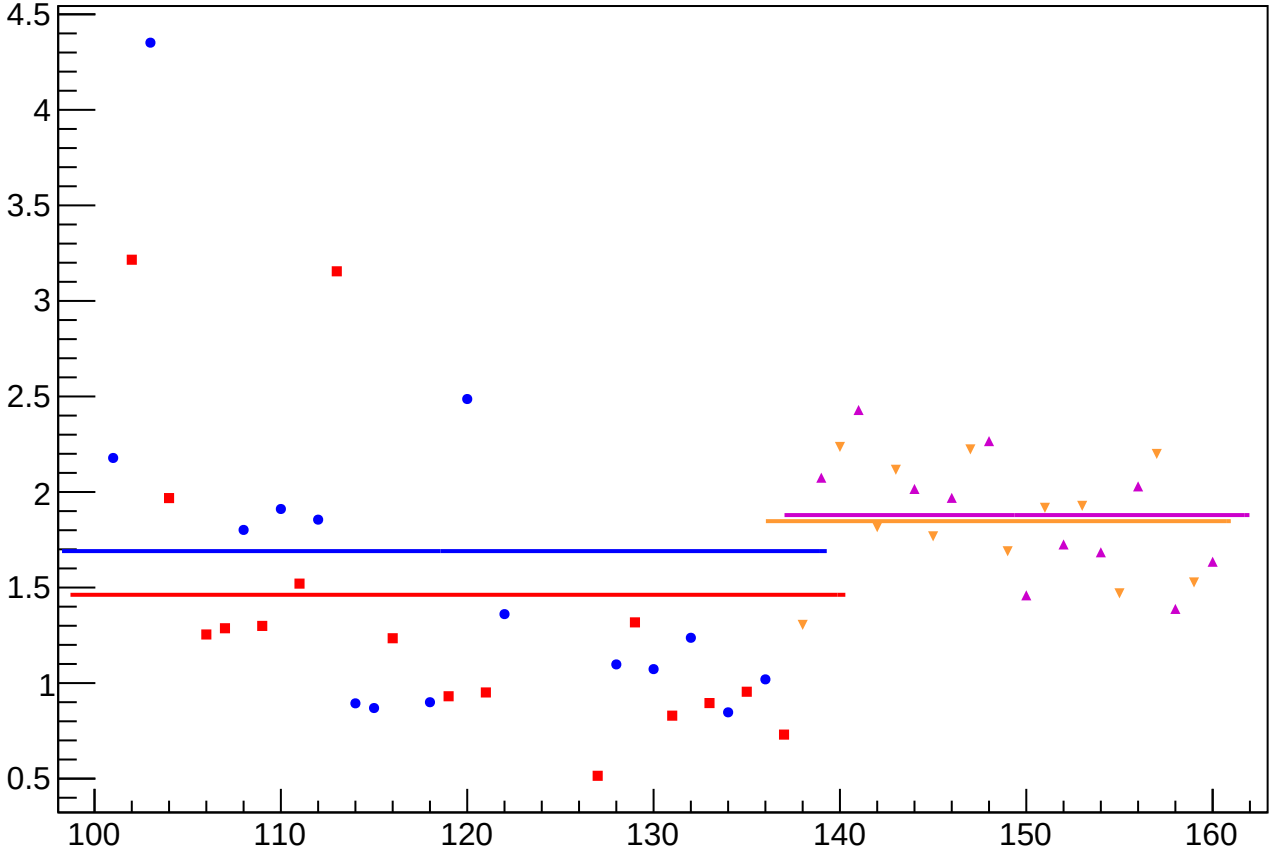
Left In: 3.559+/-0.000 χ^2/NDF:649266734510996254065216575871385 6.0/10

+ sign 3.152+/-0.000 χ^2/NDF: 9706740430384465 2

All: 3.059+/-0.000 χ^2/NDF: 2009161690014 0

- sign 2.967+/-0.000 χ^2/NDF: 1035792346167818 0

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 61216339331760985967407941235507 2.0/14

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

Right Out: 1.462+/-0.000 χ^2/NDF: 44438451166251904002237175483596 8.0/15

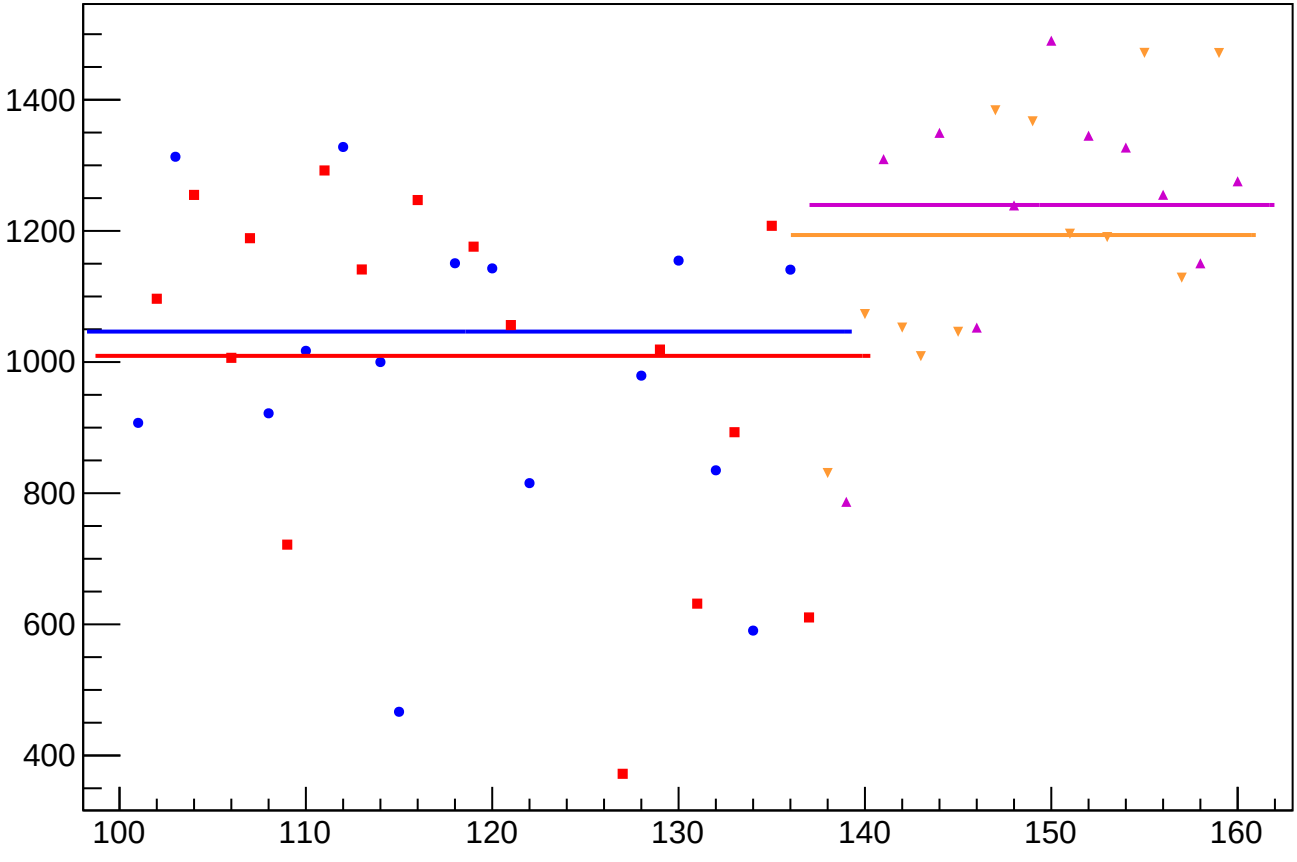
Left In: 1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

+ sign 1.782+/-0.000 χ^2/NDF: 7056481563225870 1

All: 1.743+/-0.000 χ^2/NDF: 1313220914474 7

- sign 1.704+/-0.000 χ^2/NDF: 6027735190939702 5

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

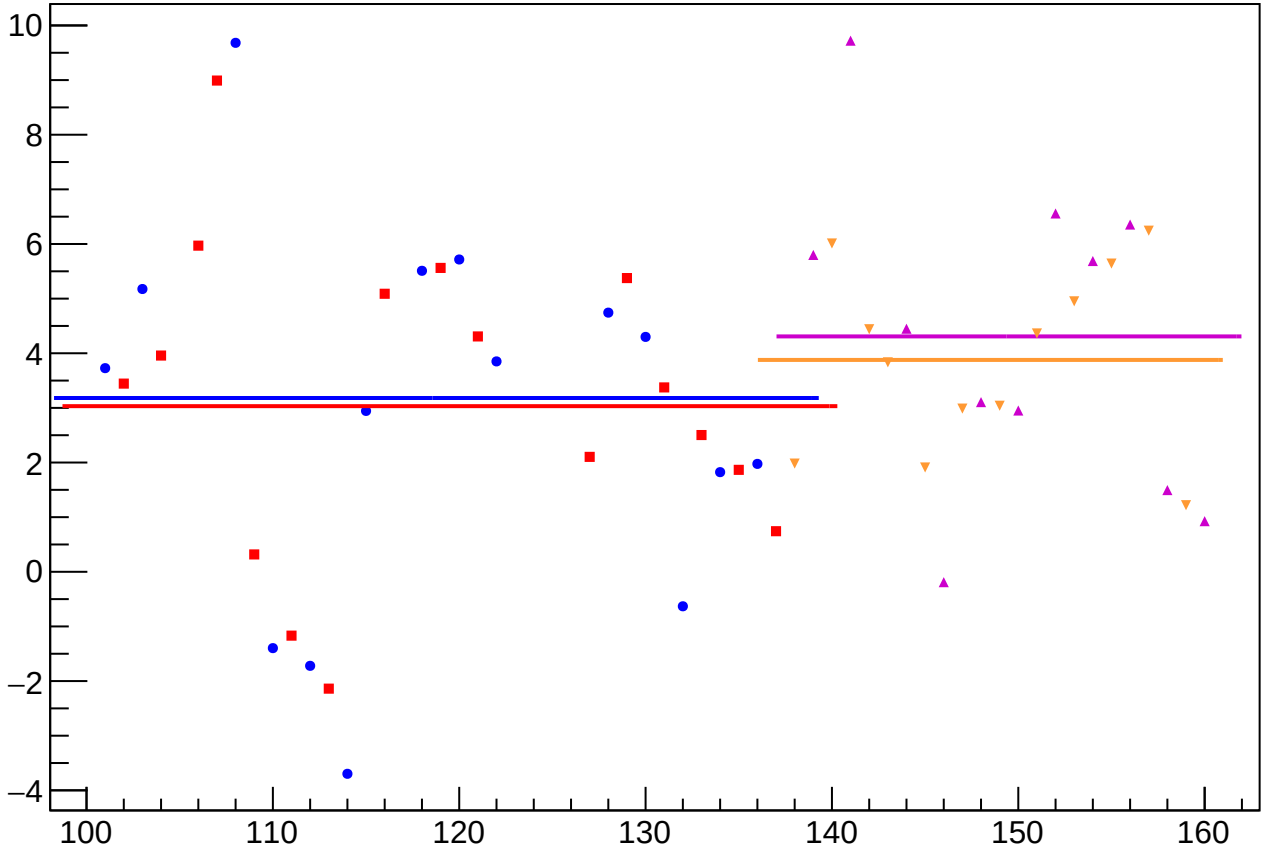
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

+ sign 3.589+/-0.000 χ^2/NDF: 8481178719406326 3

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

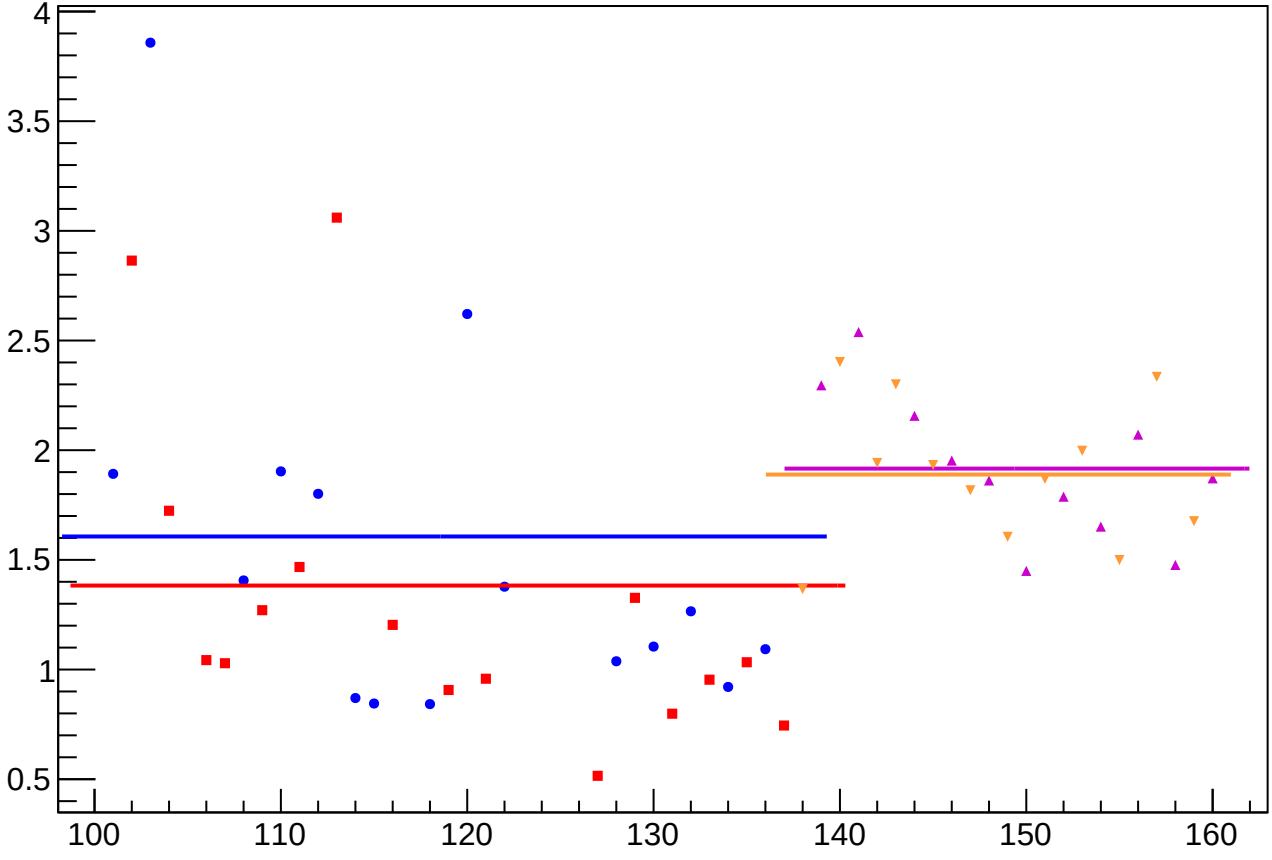
All: 3.682+/-0.000 χ^2/NDF: 2115006474861 8

Right Out: 3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

- sign 3.773+/-0.000 χ^2/NDF: 1264203955766305 5

Left In: 4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

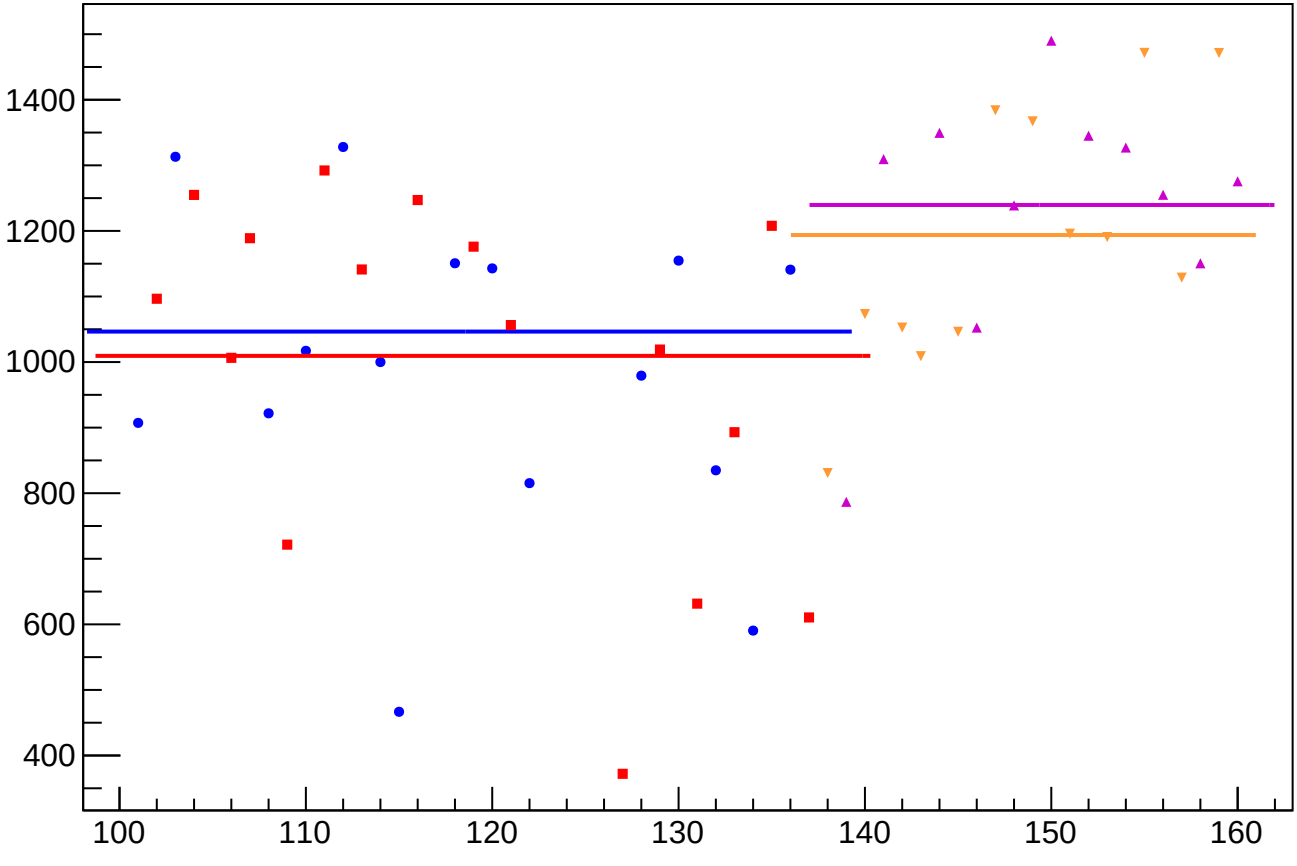
Left In: 1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

+ sign 1.772+/-0.000 χ^2/NDF: 5852917526076302 2

All: 1.732+/-0.000 χ^2/NDF: 1153974995120 4

- sign 1.693+/-0.000 χ^2/NDF: 5637459610946310 5

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

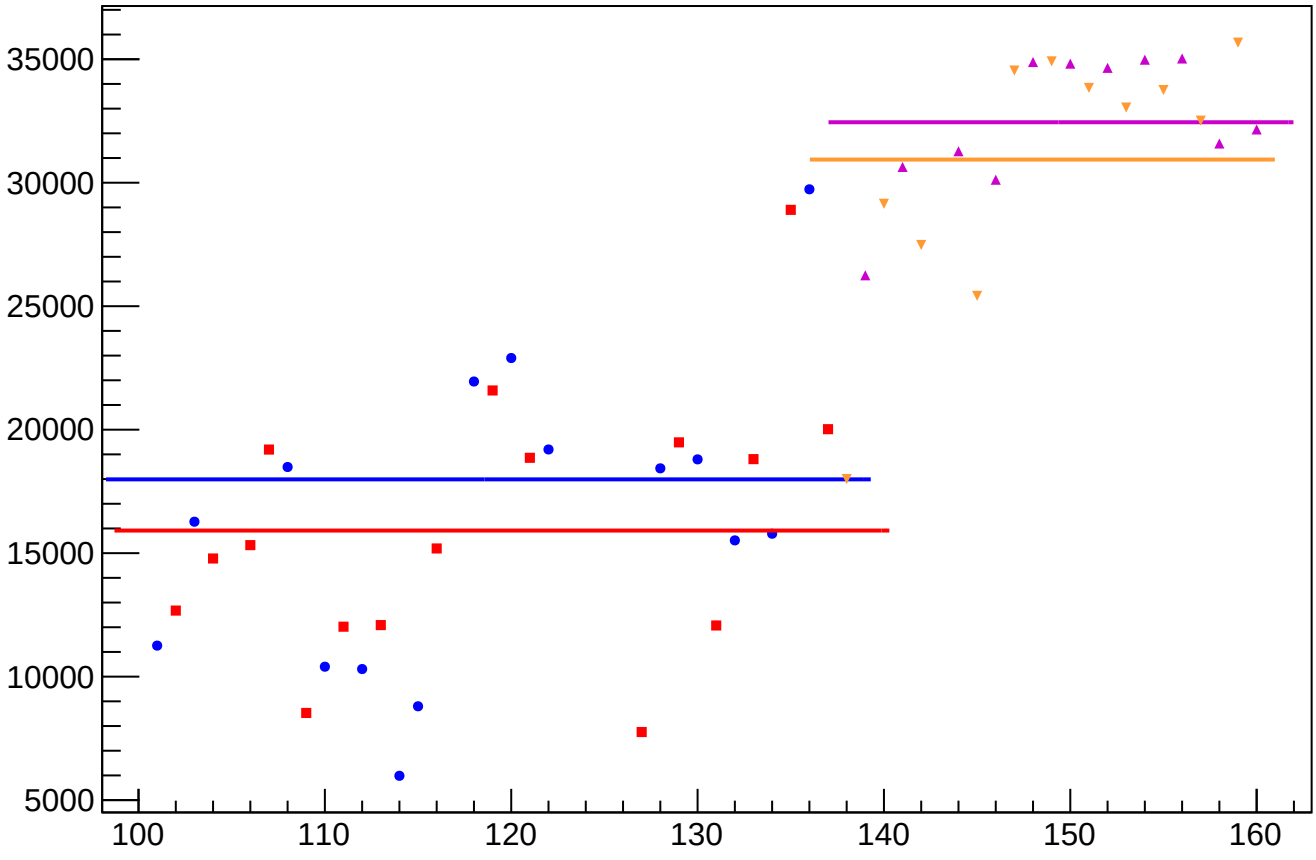
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 30938.190+/-0.000 χ^2/NDF:2223120169525786977327536910002239517491 2.0/10

Right Out: 15915.227+/-0.000 χ^2/NDF: 1995418967470595270704228741608722399232 0.0/15

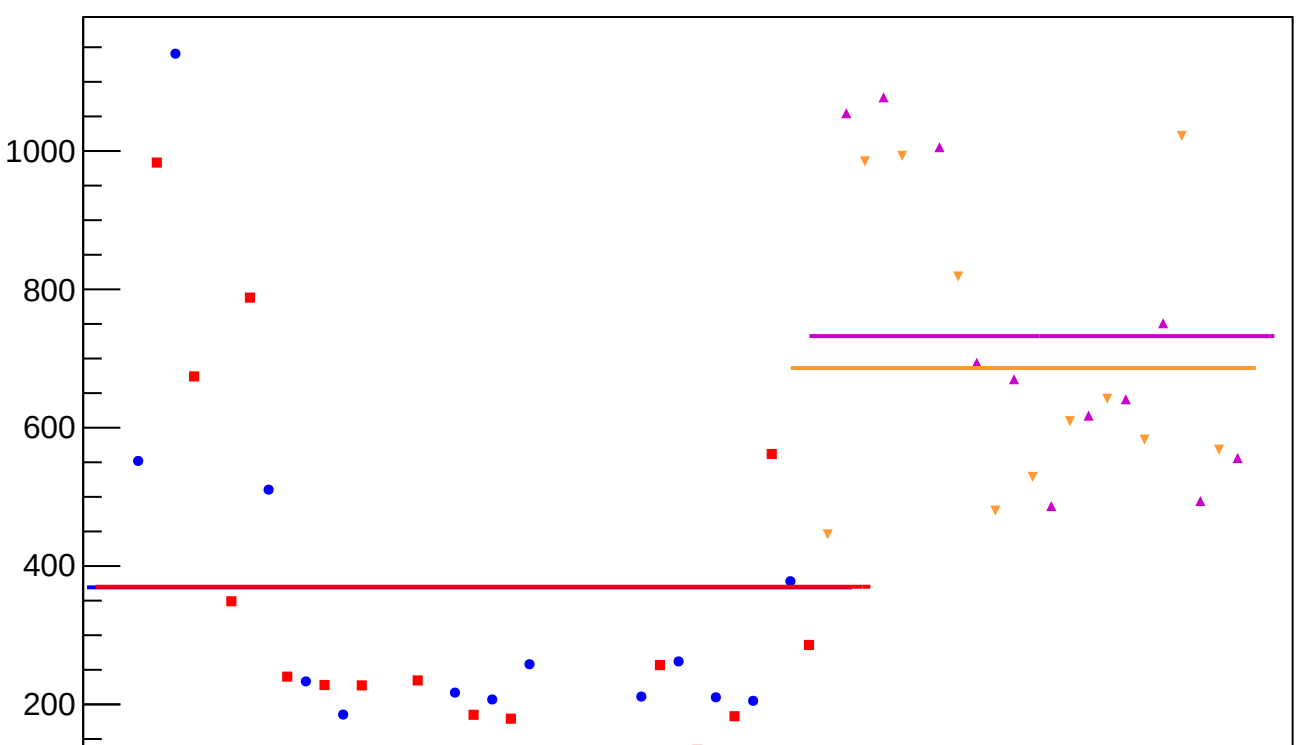
Left In: 32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10

+ 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: 4805303678956548599419583334137095782 4.0/14

Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

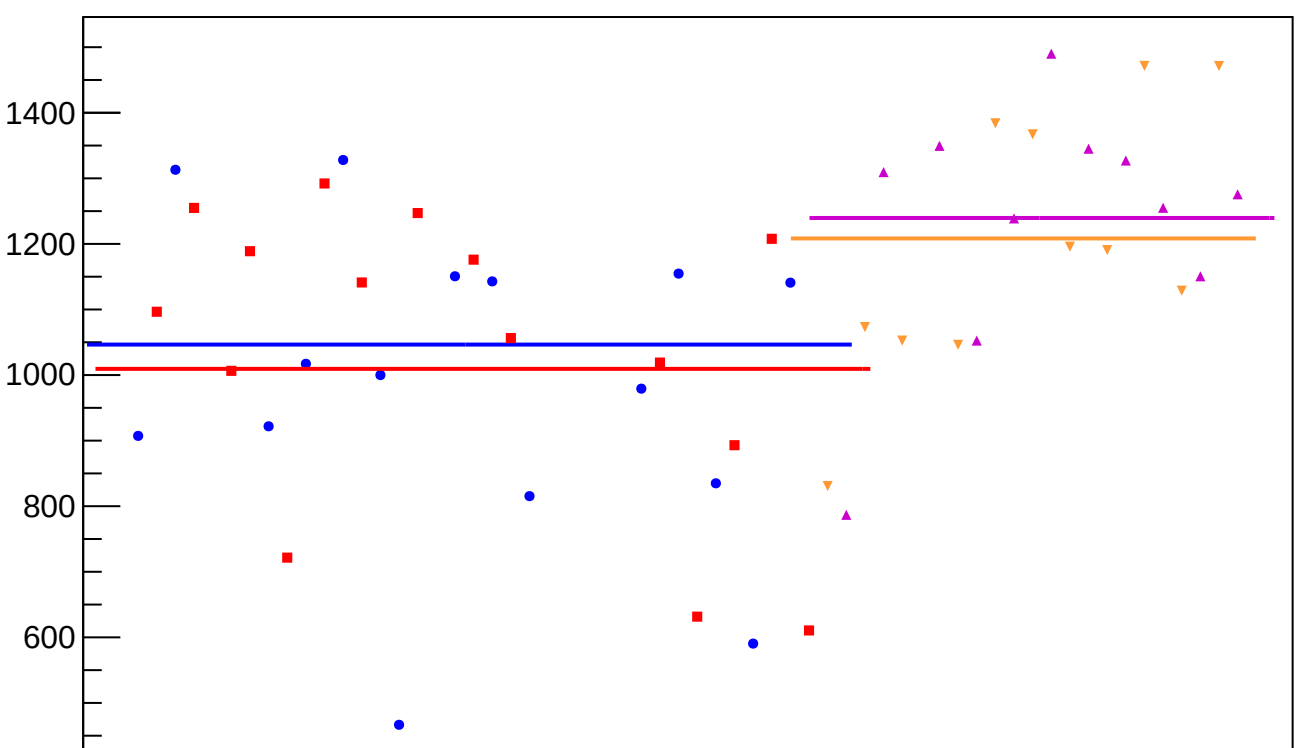
Left In: 732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10

+ sign 548.687+/-0.000 χ^2/NDF: 119411567412423

All: 565.091+/-0.000 χ^2/NDF: 25920240108 2

- sign 580.516+/-0.000 χ^2/NDF: 139009735968020

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

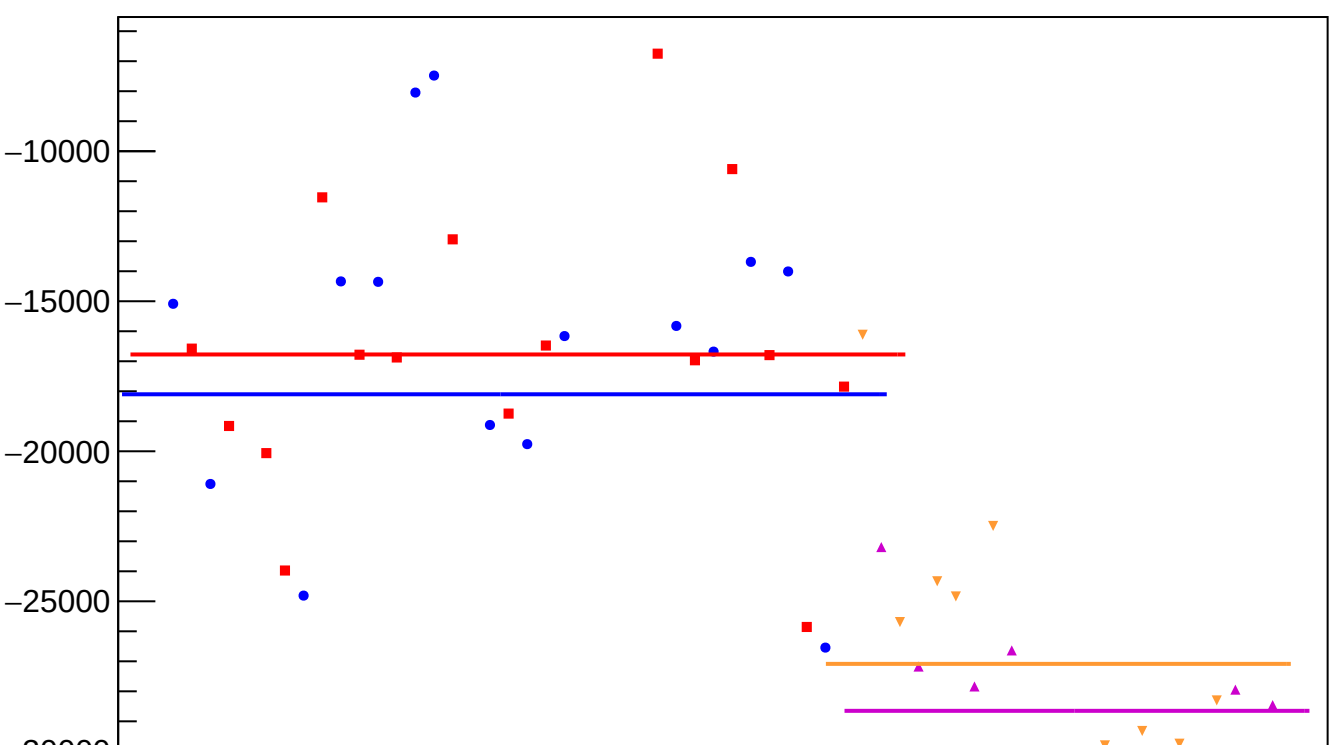
Left In: 1239.553+/-0.000 χ^2/NDF:291161803304255052425940307043900456 96.0/10

+ sign 1138.127+/-0.000 χ^2/NDF: 6641265069081 5

All: 1140.682+/-0.000 χ^2/NDF: 1606617172 9

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -27085.326+/-0.000 χ^2/NDF:1691367179083000245172471305621049285017 6.0/11

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

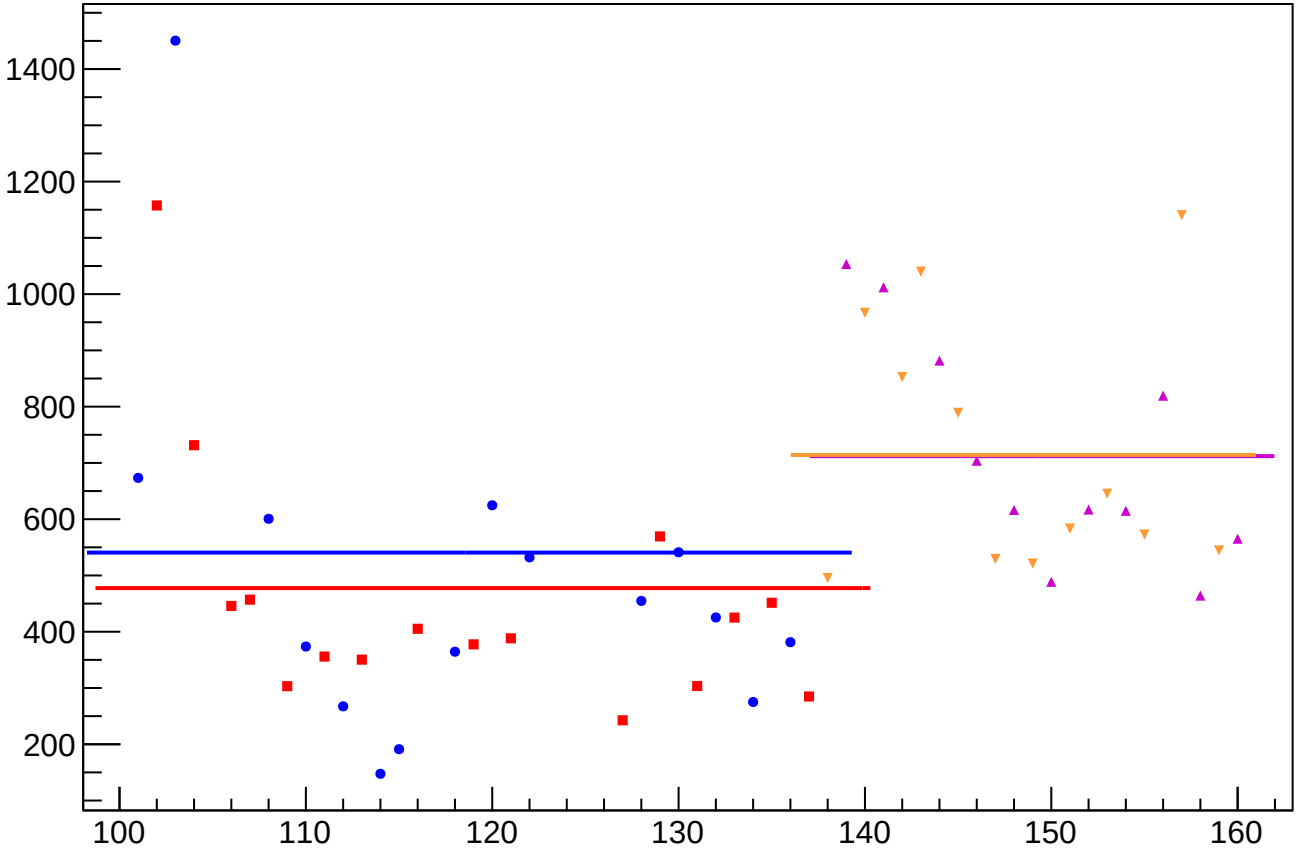
Left In: -28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

+ sign -23354.640+/-0.000 χ^2/NDF: 621850607090

All: -23514.355+/-0.000 χ^2/NDF: 135979518

- sign -23671.259+/-0.000 χ^2/NDF: 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: 477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

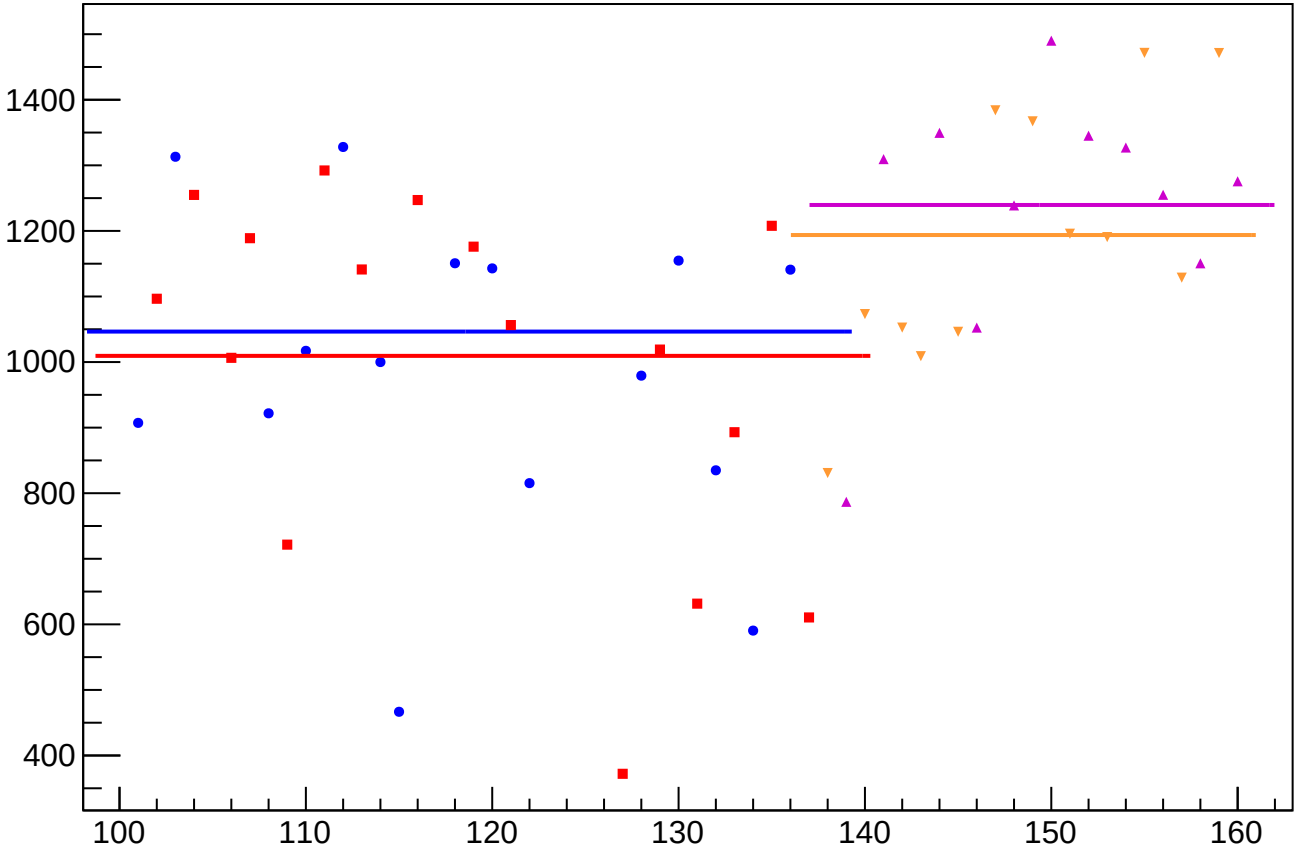
Left In: 712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

+ sign 642.112+/-0.000 χ^2/NDF: 1191300778027 78

All: 627.811+/-0.000 χ^2/NDF: 2139641066 83

- sign 613.763+/-0.000 χ^2/NDF: 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

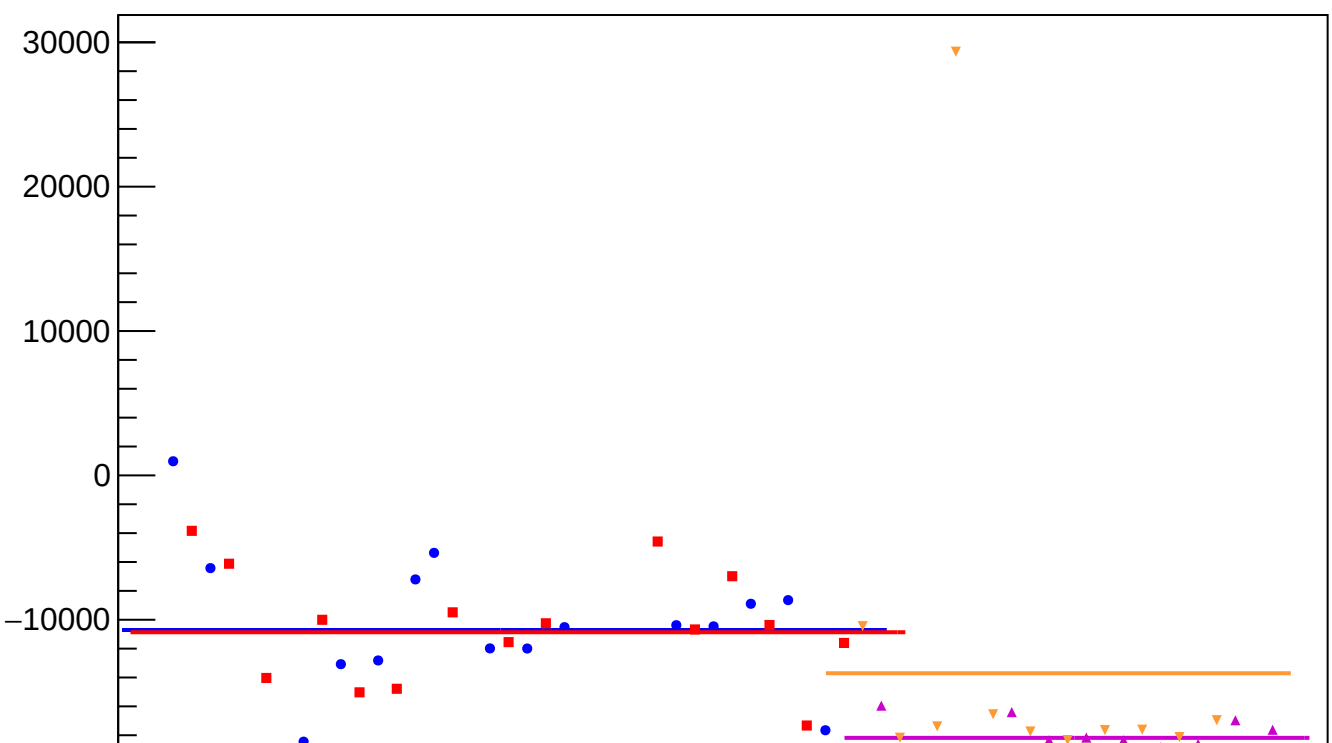
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

+ sign -12461.801+/-0.000 χ^2/NDF: 158576463536

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

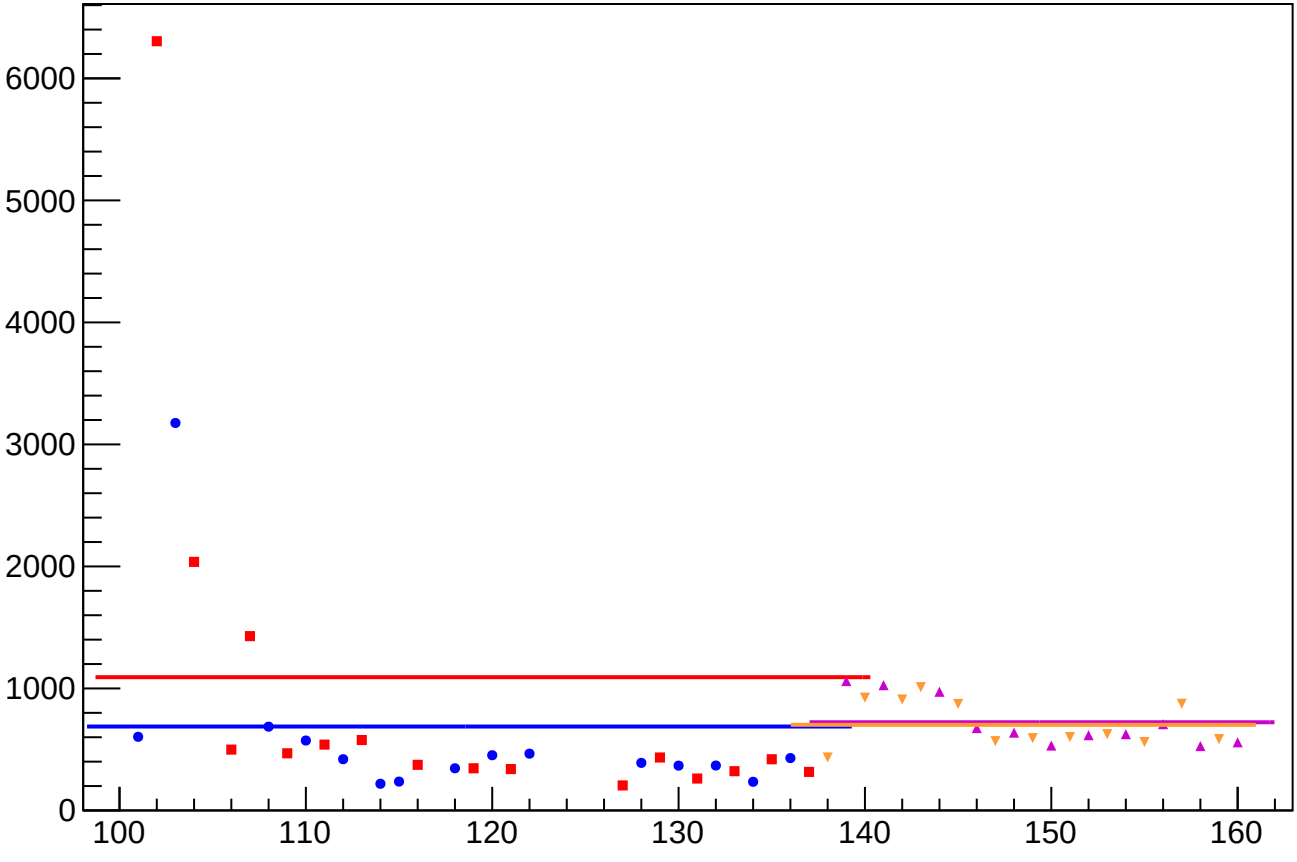
All: -13800.033+/-0.000 χ^2/NDF: 200733129

Right Out: -10866.264+/-0.000 χ^2/NDF: 142347628388583824845259016441316266475 52.0/15

- sign -15114.713+/-0.000 χ^2/NDF: 366076884081

Left In: -18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

+ sign 696.059+/-0.000 χ^2/NDF: 43838207845777 4

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

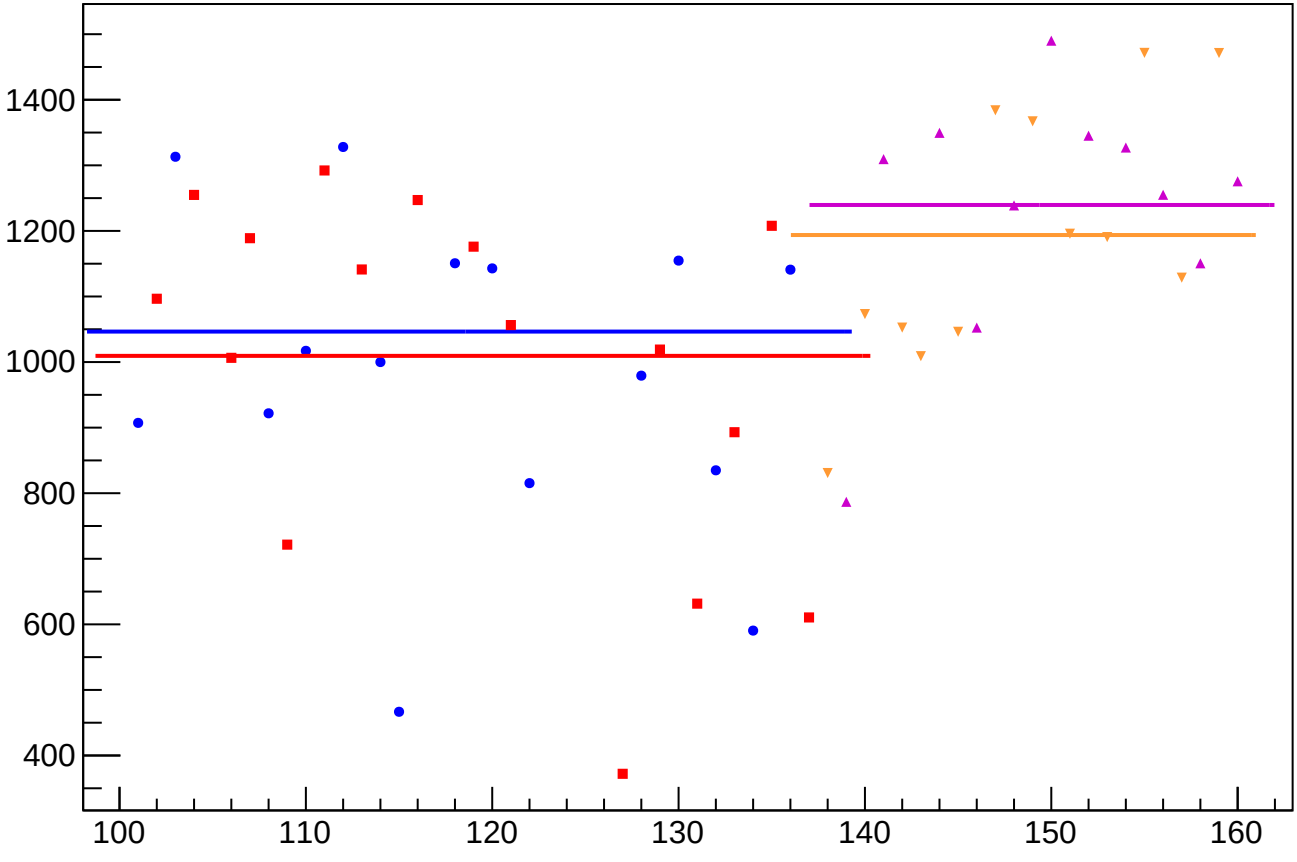
All: 787.665+/-0.000 χ^2/NDF: 2434168948 39

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15

- sign 877.659+/-0.000 χ^2/NDF: 19697853901896 5

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: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

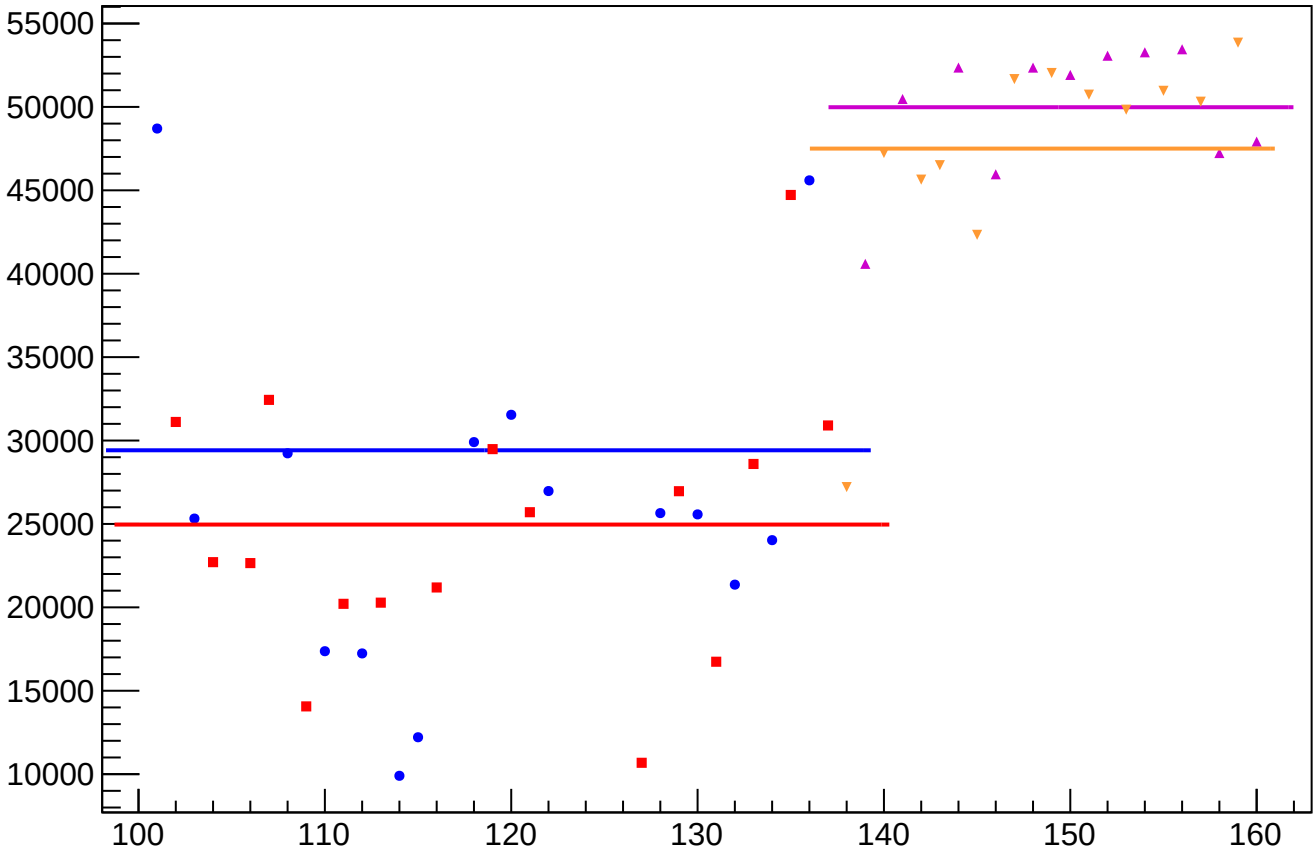
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

+ sign 39992.082+/-0.000 χ^2/NDF: 2394993878358

Left Out: 47501.916+/-0.000 χ^2/NDF:4359171533493380164556519983676176675635 2.0/11

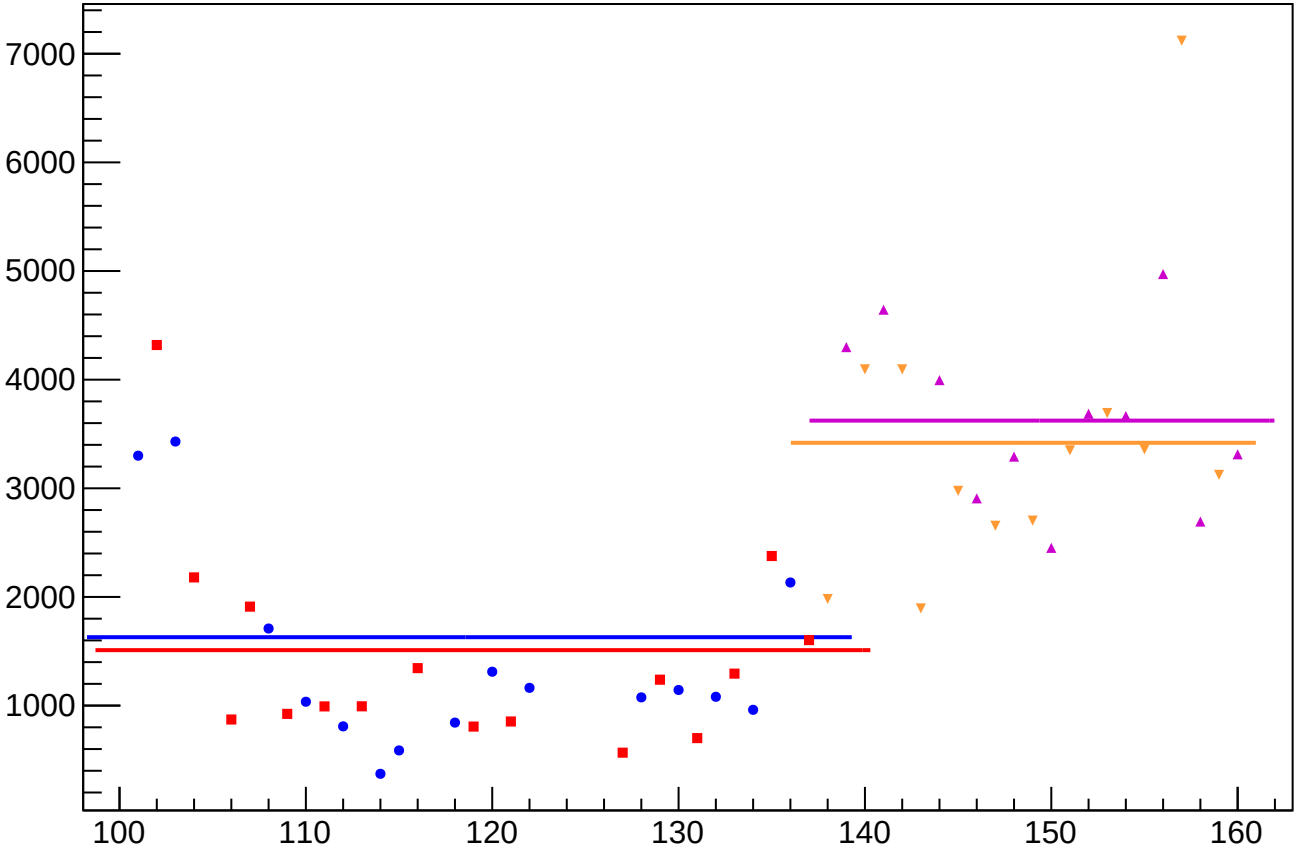
All: 39740.450+/-0.000 χ^2/NDF: 5413093002

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

- sign 39493.245+/-0.000 χ^2/NDF: 3016137188389

Left In: 49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

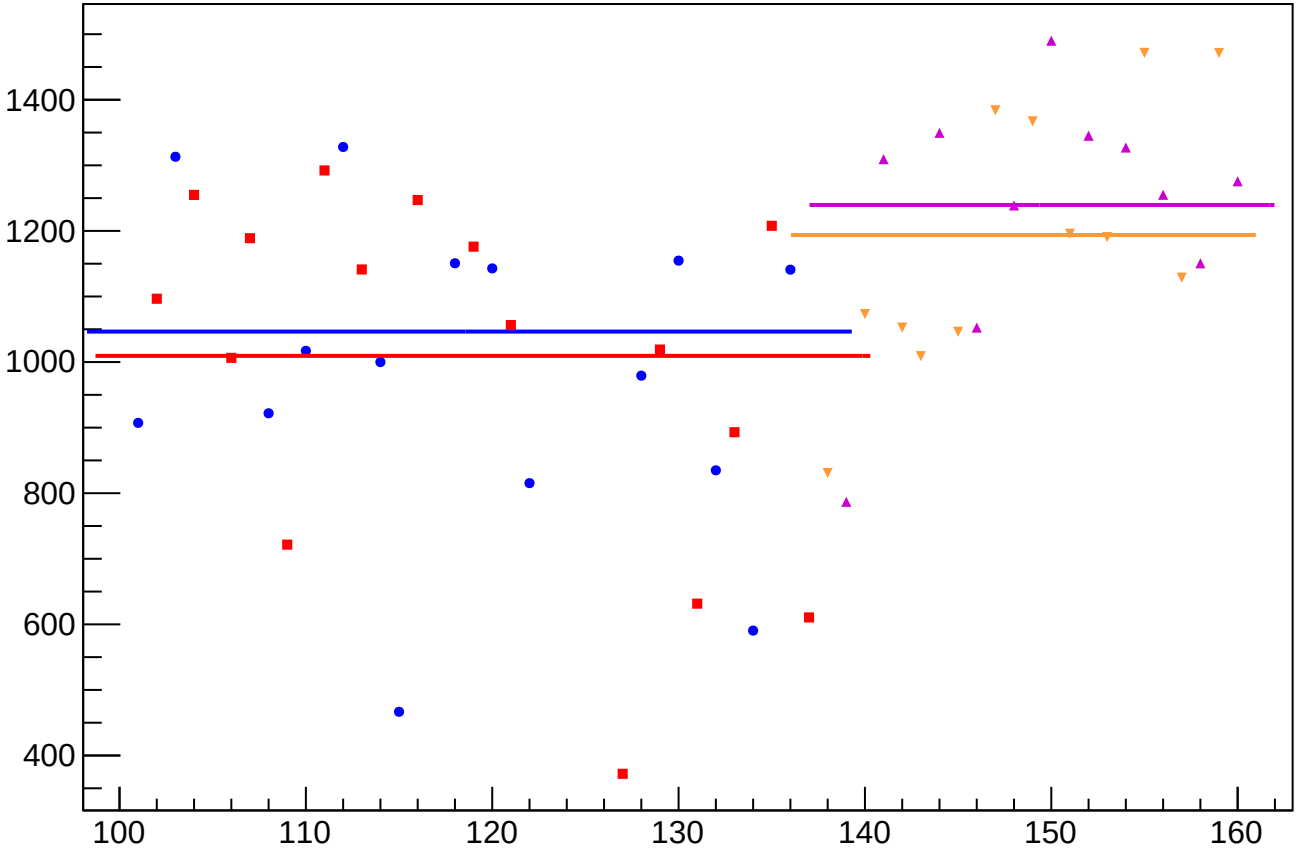
Left In: 3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

+ sign 2675.926+/-0.000 χ^2/NDF: 3342430084804 2

All: 2706.904+/-0.000 χ^2/NDF: 6300549156 5

- sign 2737.338+/-0.000 χ^2/NDF: 2955145483288 7

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

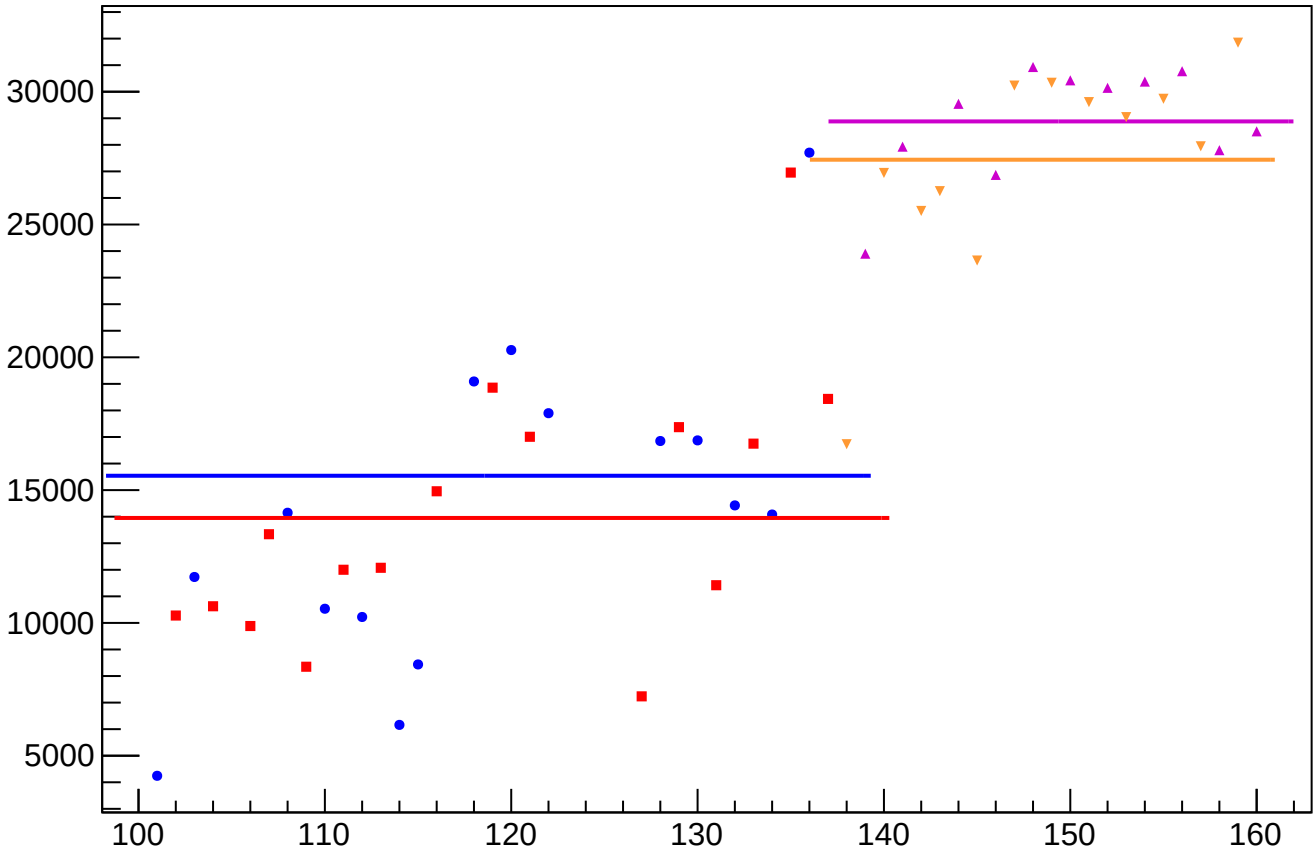
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 22498.900+/-0.000 χ^2/NDF: 953635786596 4

Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11

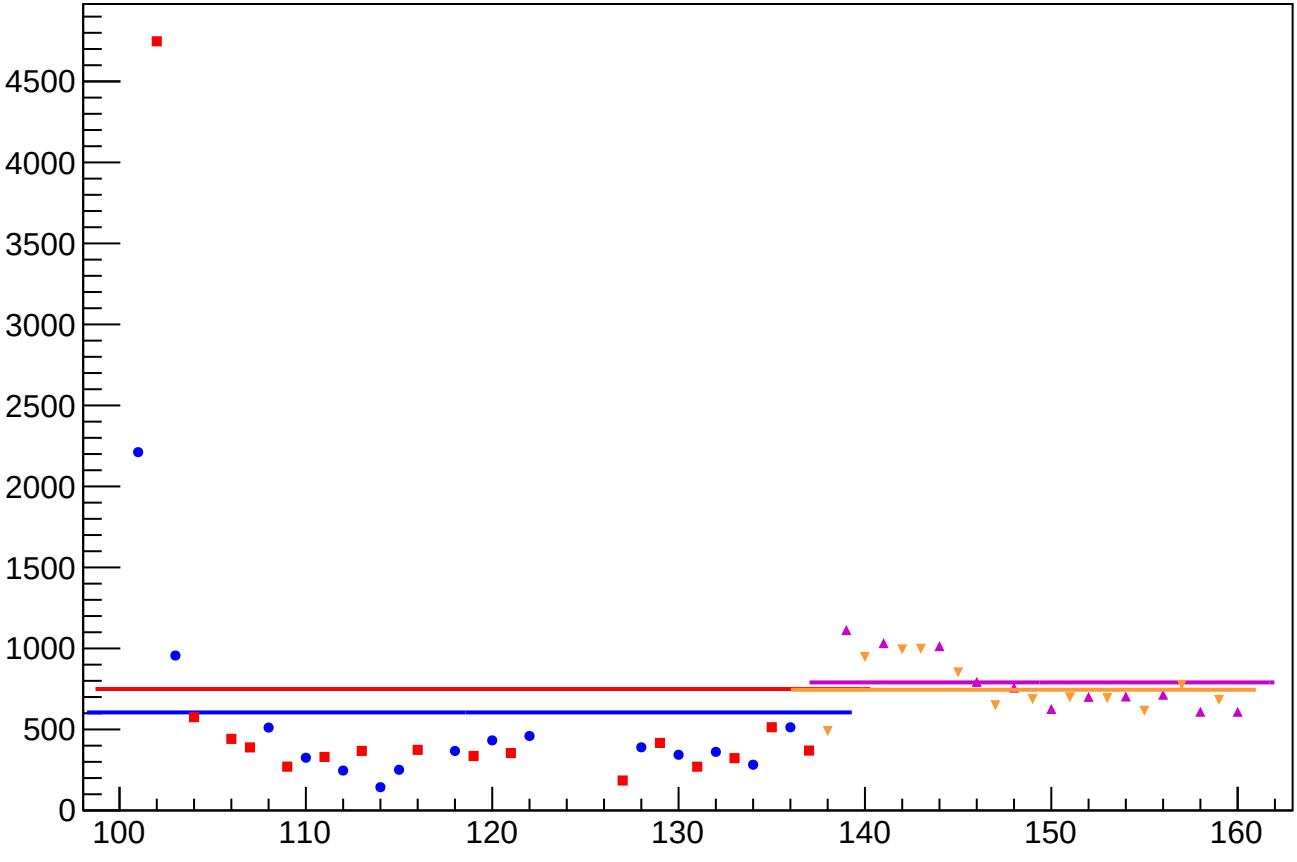
All: 22561.315+/-0.000 χ^2/NDF: 2024381611

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 22622.631+/-0.000 χ^2/NDF: 1070625118466

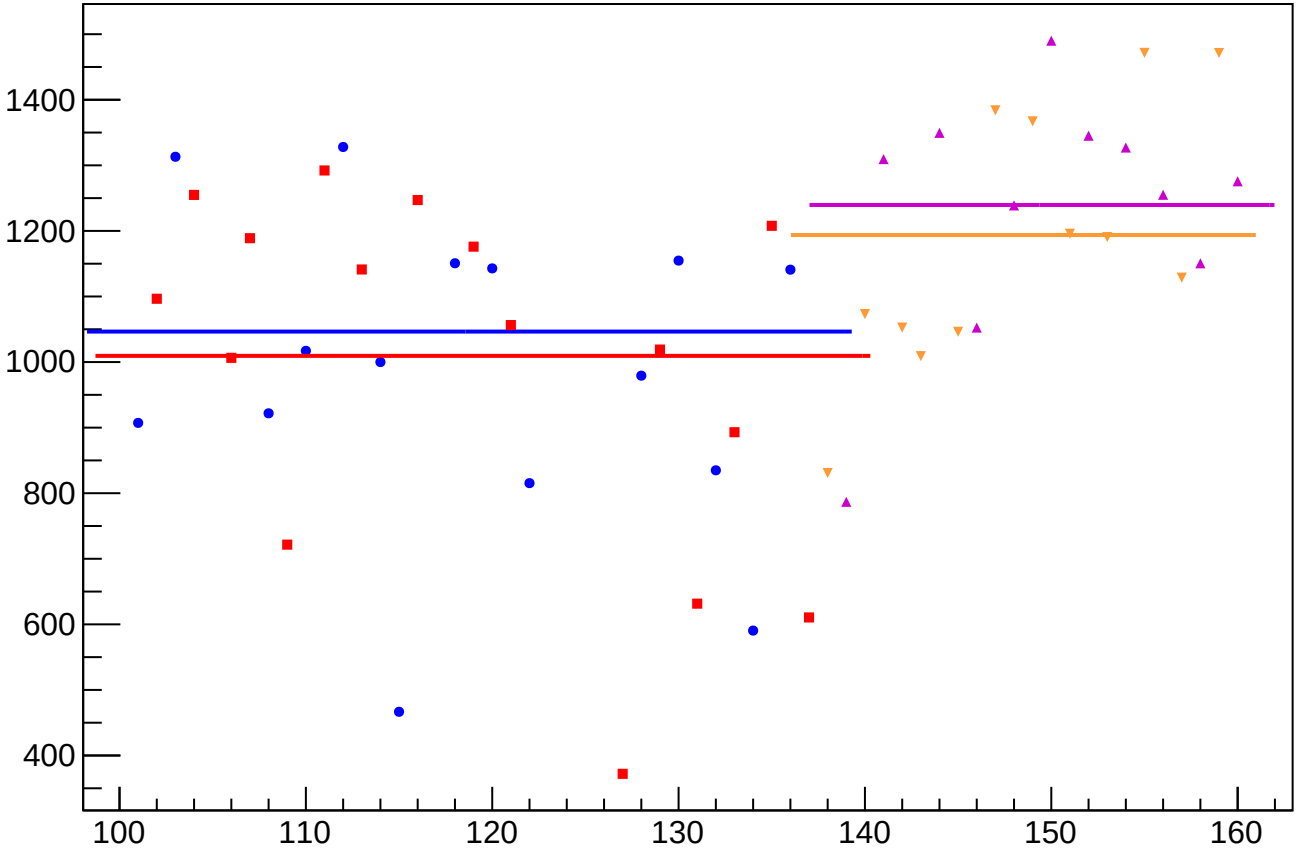
Left In: 28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
+ sign 686.873+/-0.000 χ^2/NDF: 216406275122554
Left Out: 744.985+/-0.000 χ^2/NDF:195714539842789617199362478705444126 72.0/11
All: 730.430+/-0.000 χ^2/NDF: 127166116576
Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
- sign 773.220+/-0.000 χ^2/NDF: 104937647672496
Left In: 790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

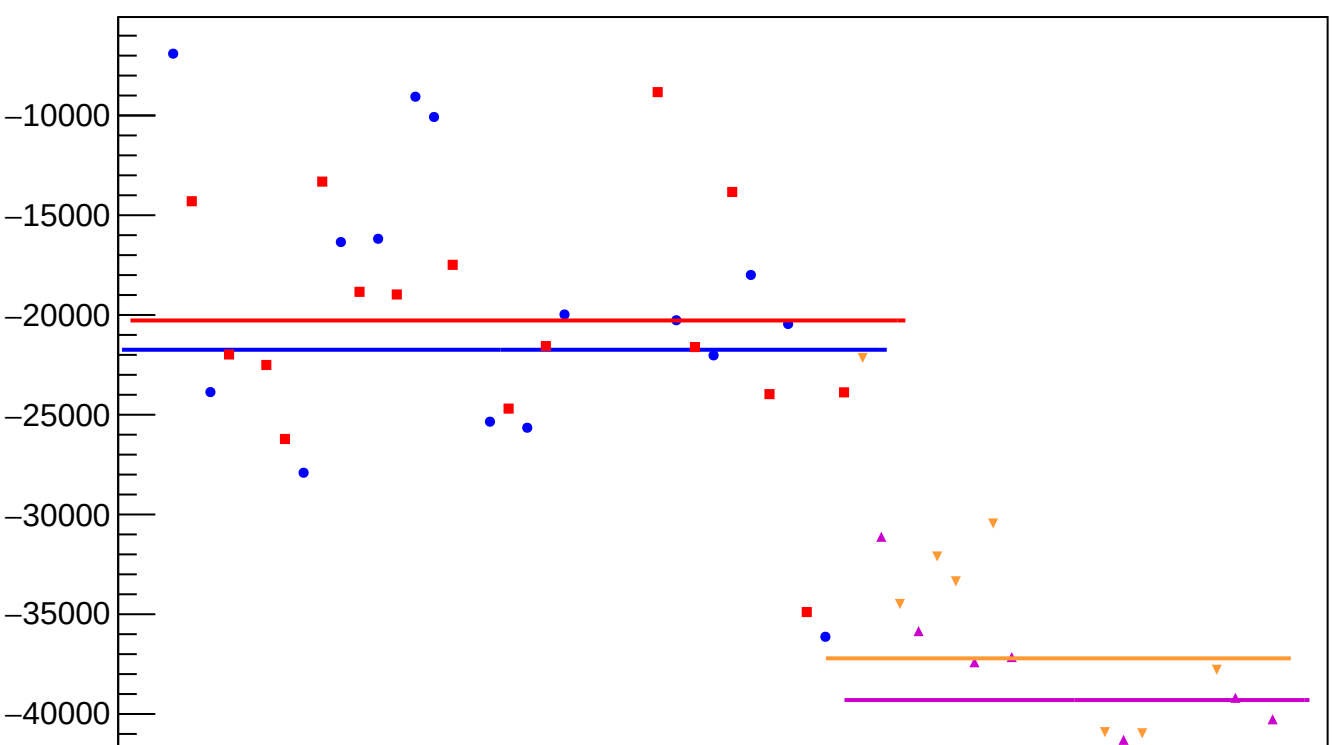
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

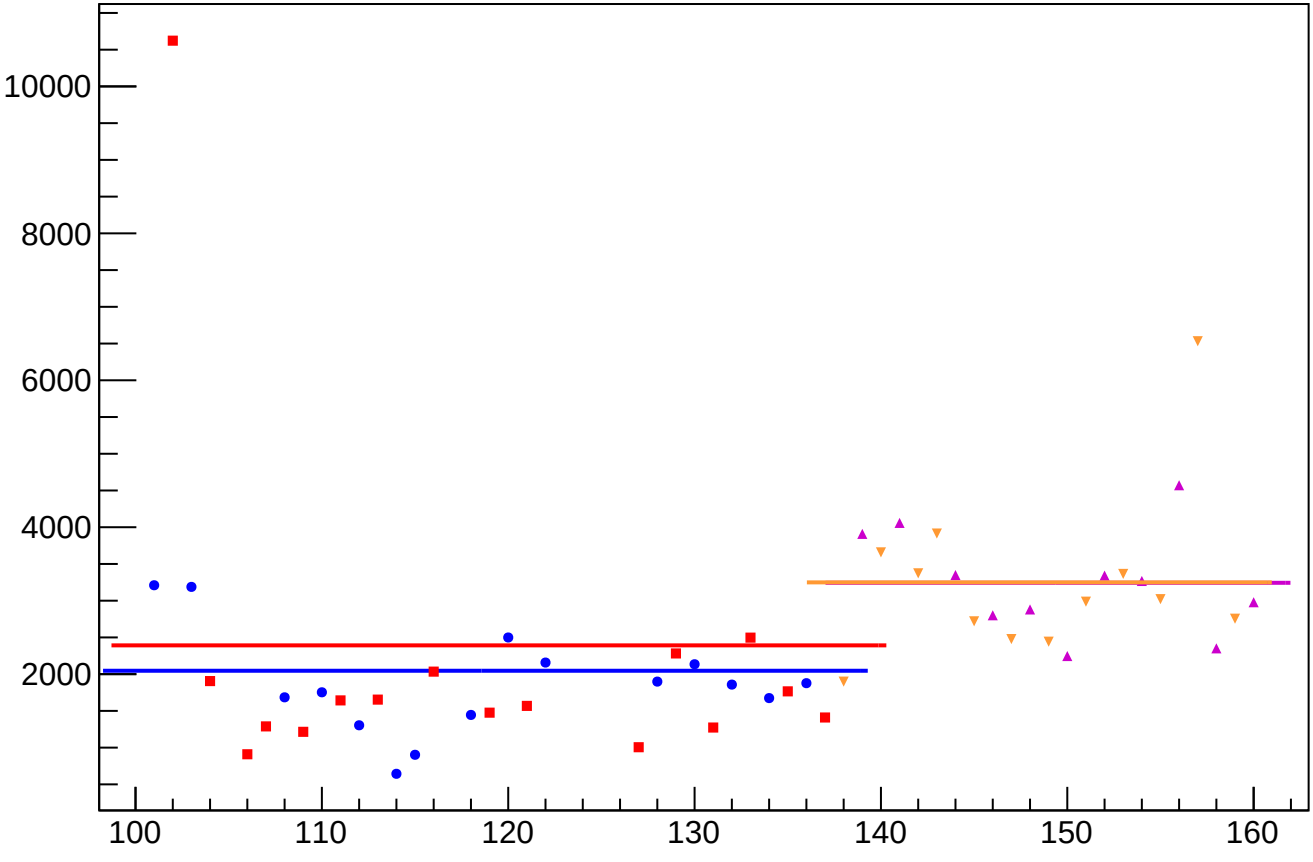
- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
+ sign -30788.276+/-0.000 χ^2/NDF: 168137649264
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
All: -31059.001+/-0.000 χ^2/NDF: 345412130
Right Out: -20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
- sign -31324.961+/-0.000 χ^2/NDF: 177047387117 6
Left In: -39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10

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

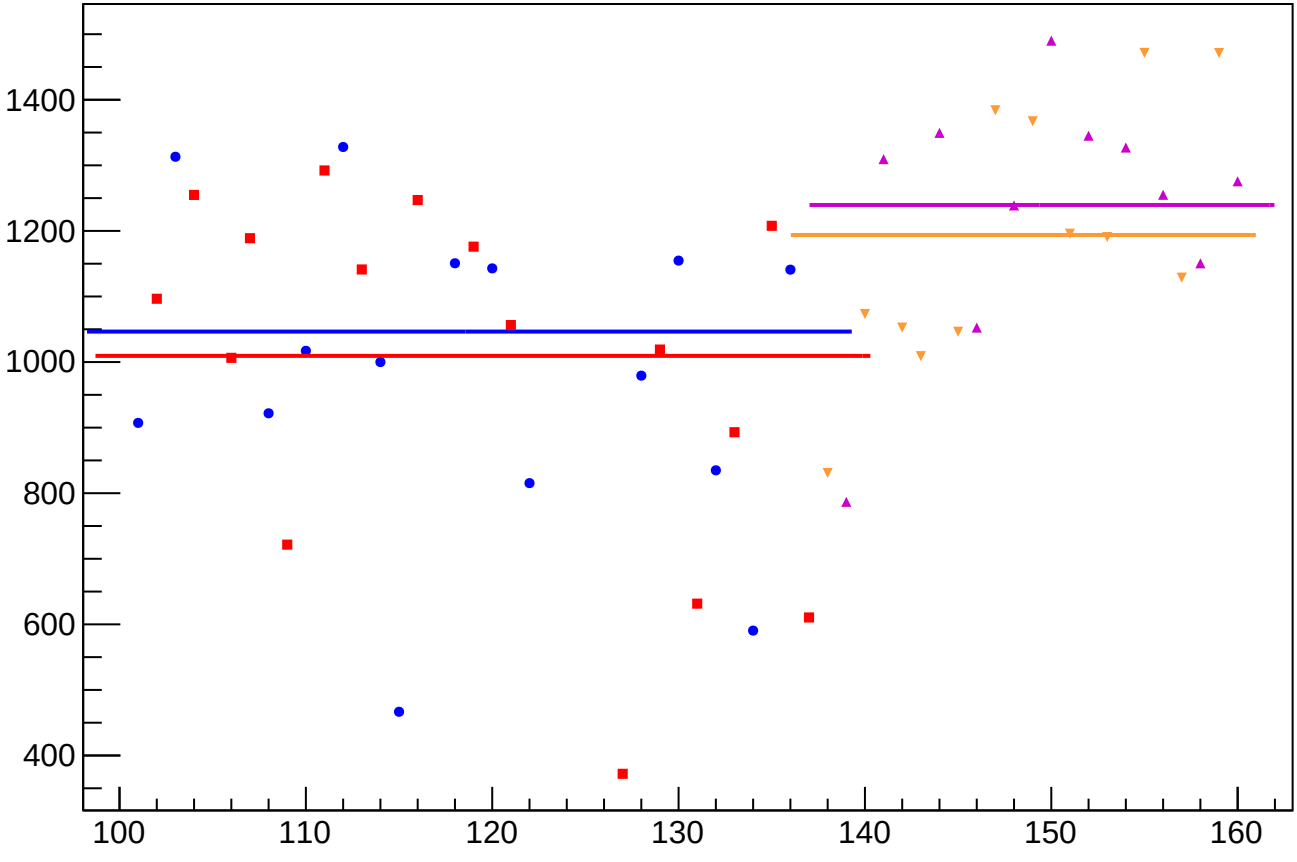
All: 2818.755+/-0.000 χ^2/NDF: 7140152506

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:4227523458095644148759411154532308090 88.0/10

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

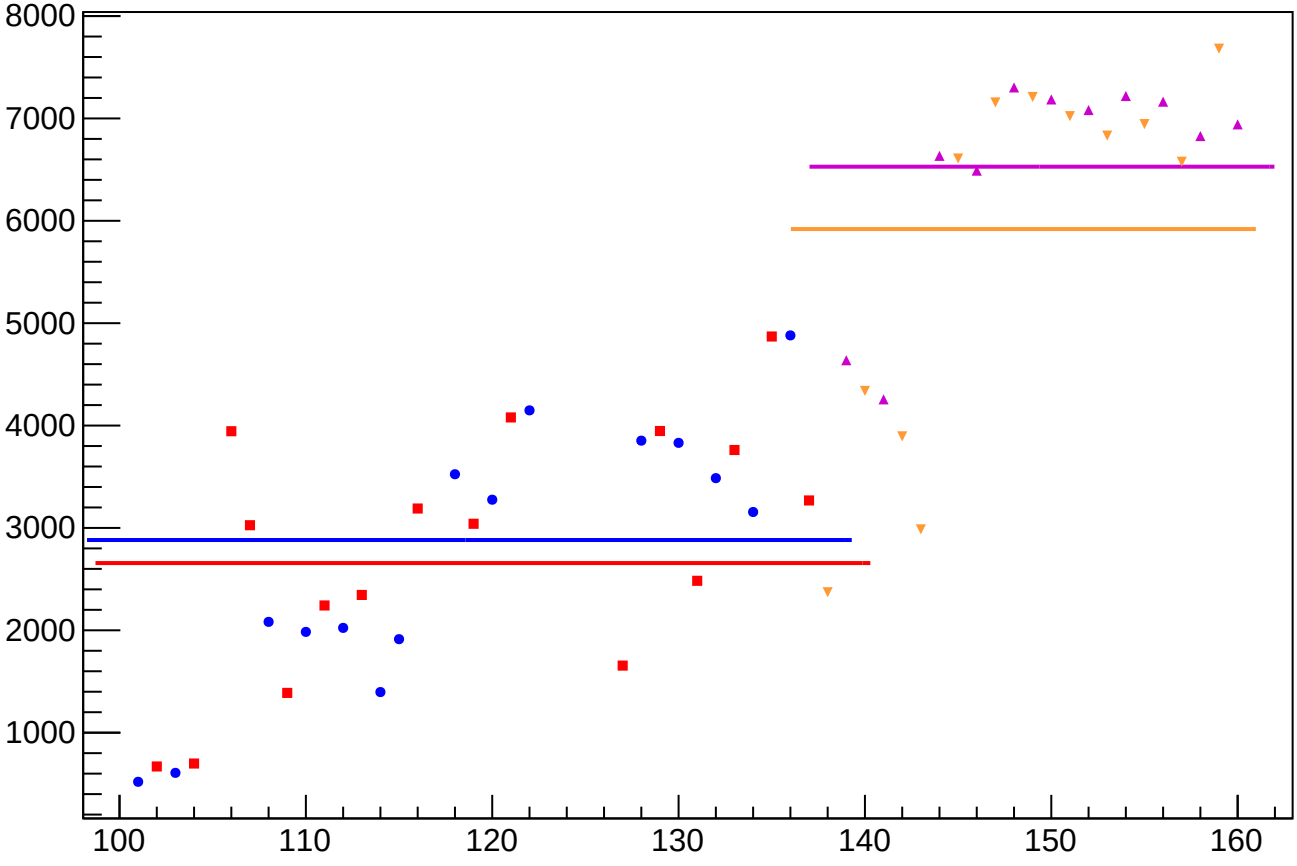
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

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

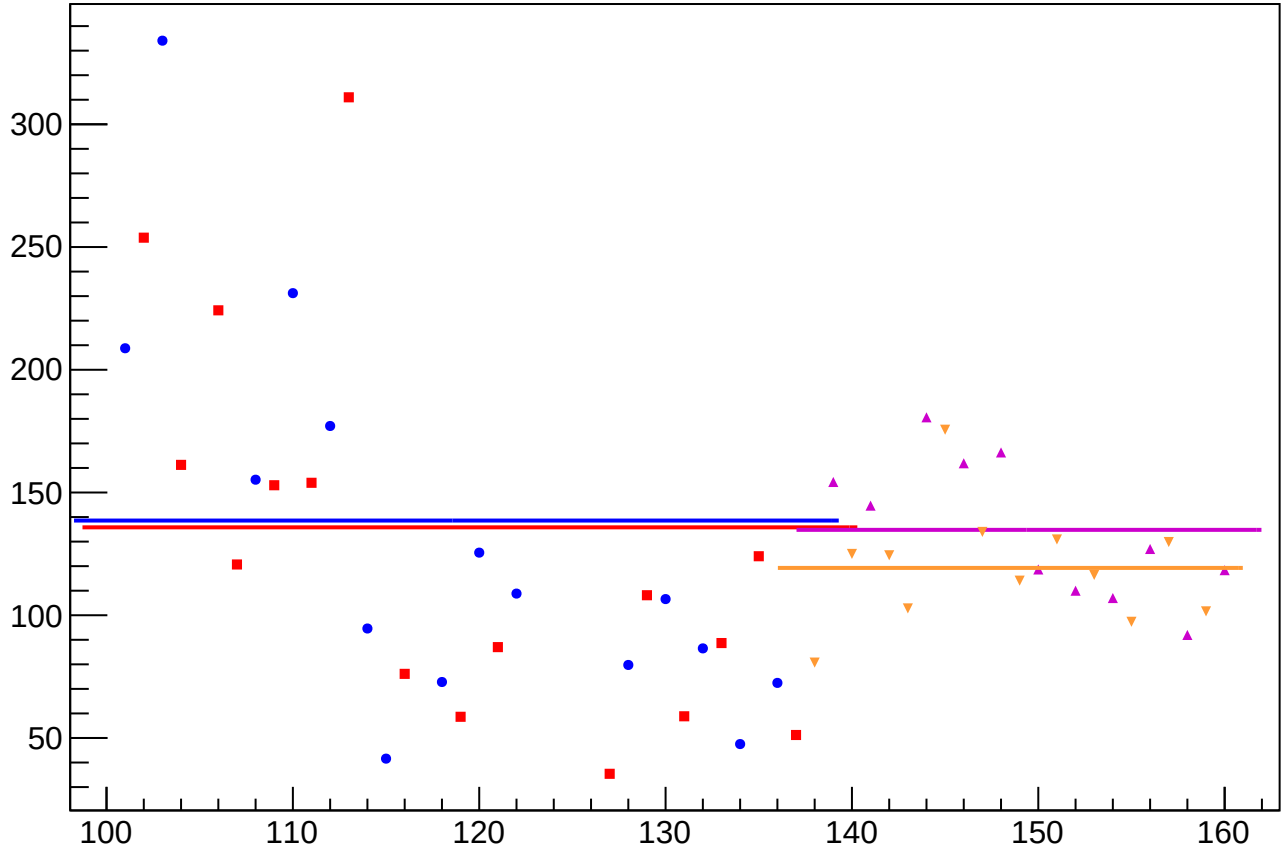
Left In: 6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

+ sign 4658.227+/-0.000 χ^2/NDF: 7601149842913 6

All: 4782.966+/-0.000 χ^2/NDF: 1547458955 5

- sign 4905.510+/-0.000 χ^2/NDF: 7825227654718 7

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

+ sign 127.294+/-0.000 χ^2/NDF: 487151185585046

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

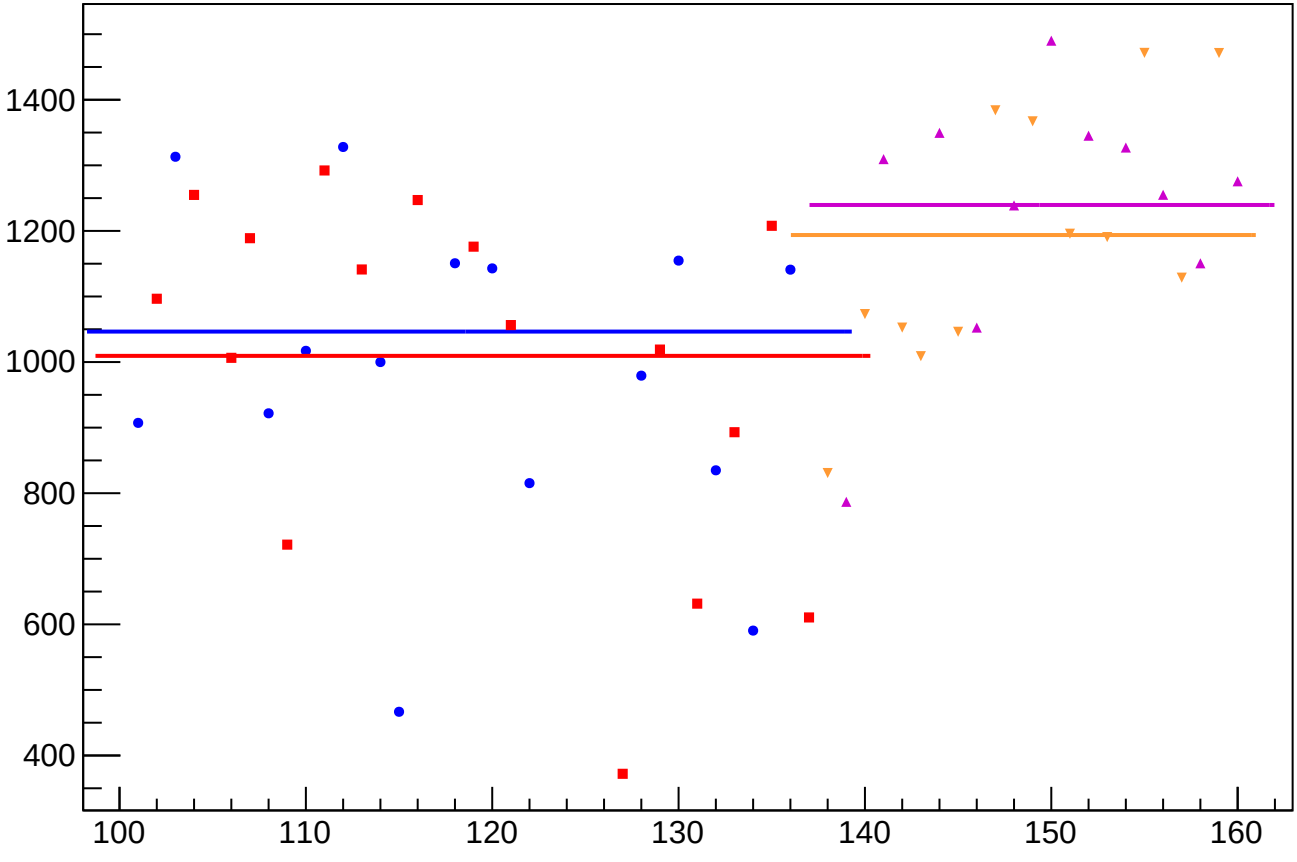
All: 131.289+/-0.000 χ^2/NDF: 95675897587 3

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736 43776.0/15

- sign 135.214+/-0.000 χ^2/NDF: 464661599123883

Left In: 134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

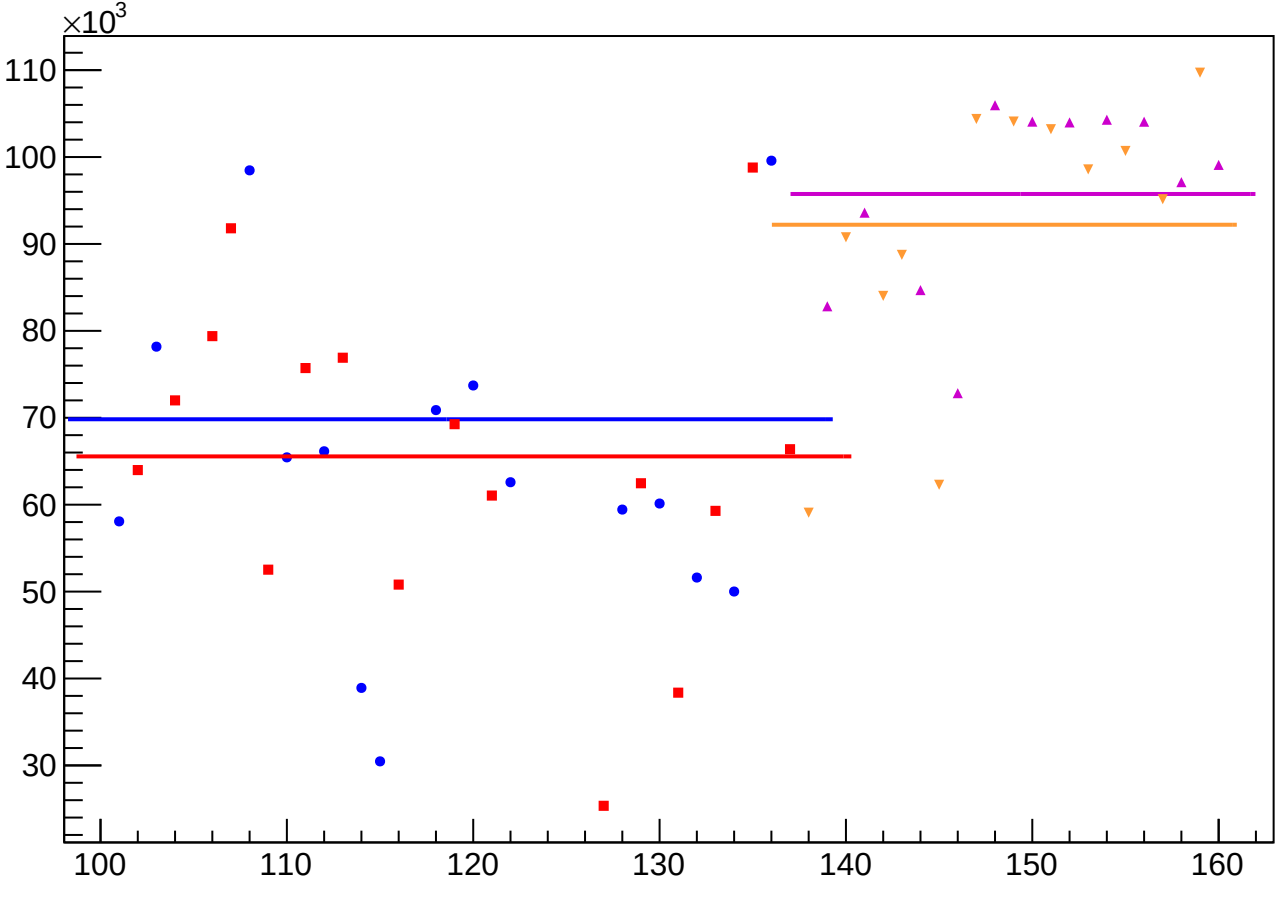
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Left Out: 92210.698+/-0.000 χ^2/NDF:2265774766578075852020837676853602895790 08.0/11

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

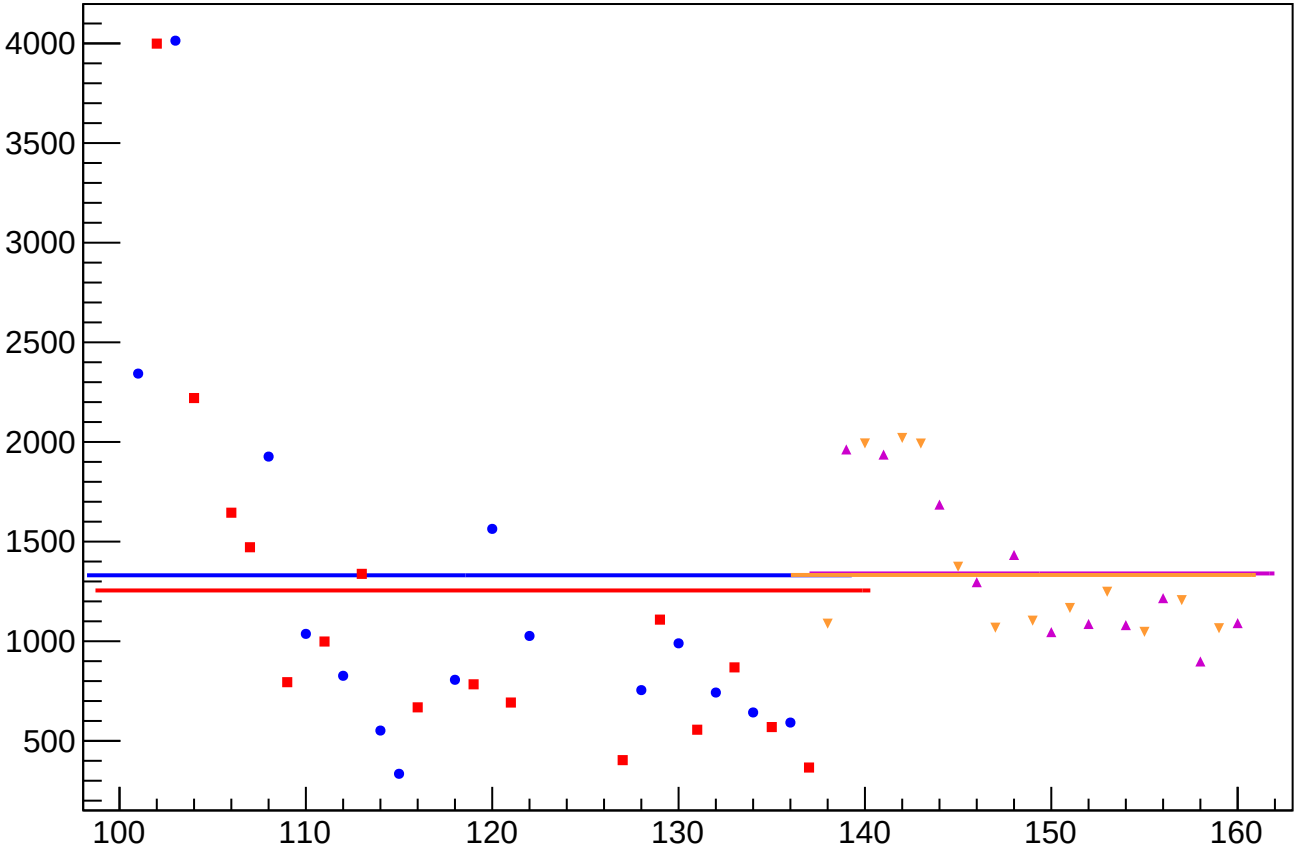
Left In: 95749.411+/-0.000 χ^2/NDF:1023767618815302714273402847386938260848 64.0/10

+ sign 82916.711+/-0.000 χ^2/NDF: 6045168976255

All: 83004.616+/-0.000 χ^2/NDF: 1272083143

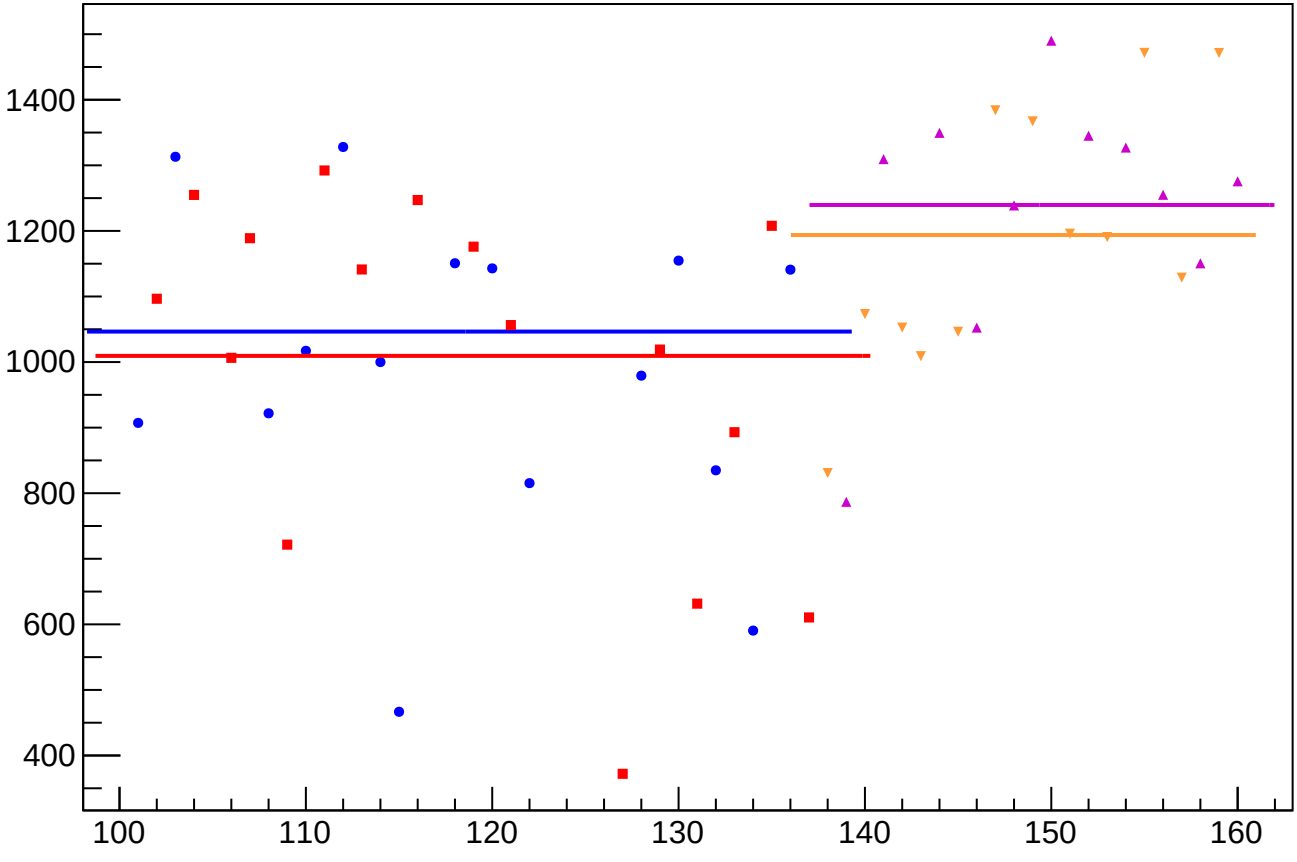
- sign 83090.974+/-0.000 χ^2/NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
+ sign 1331.958+/-0.000 χ^2/NDF: 7669711709446 3
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
All: 1318.066+/-0.000 χ^2/NDF: 1516733584 6
Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15
- sign 1304.419+/-0.000 χ^2/NDF: 7491644636116 1
Left Out: 1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777 09312.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

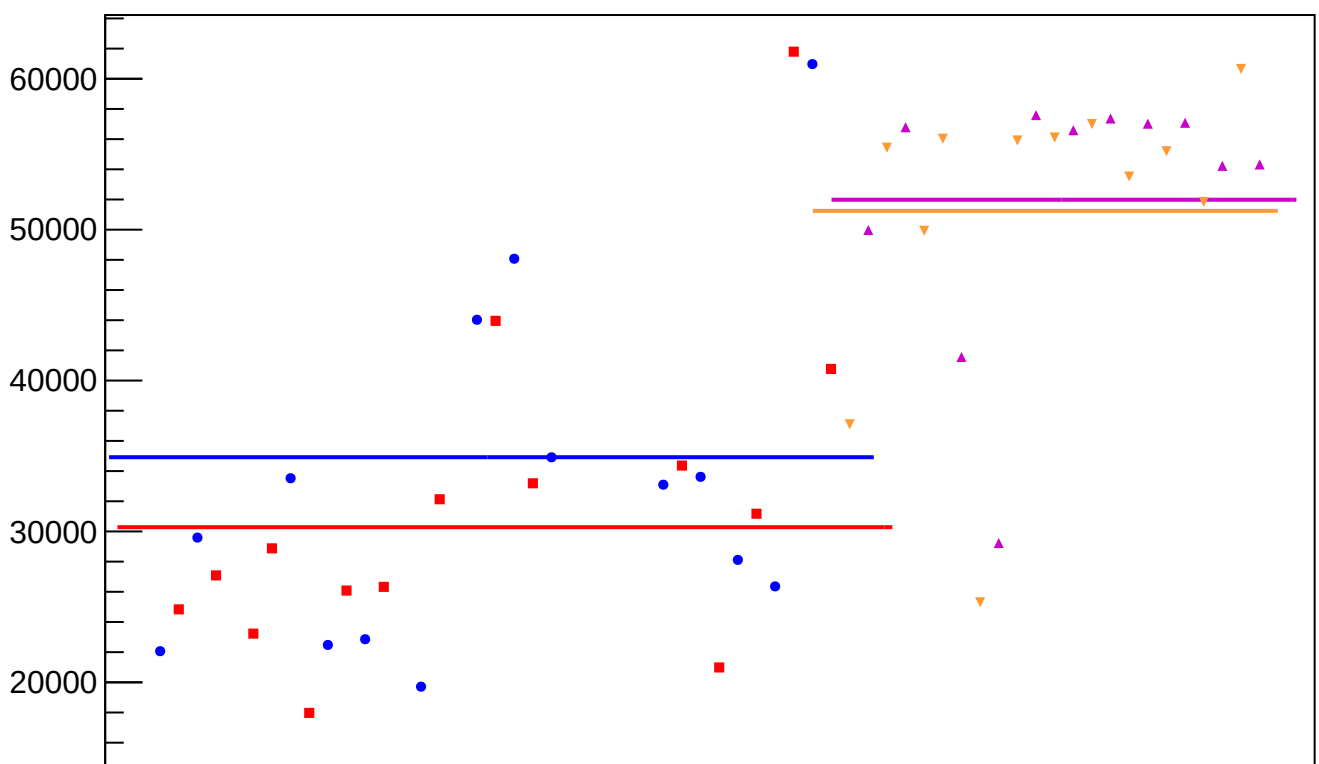
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

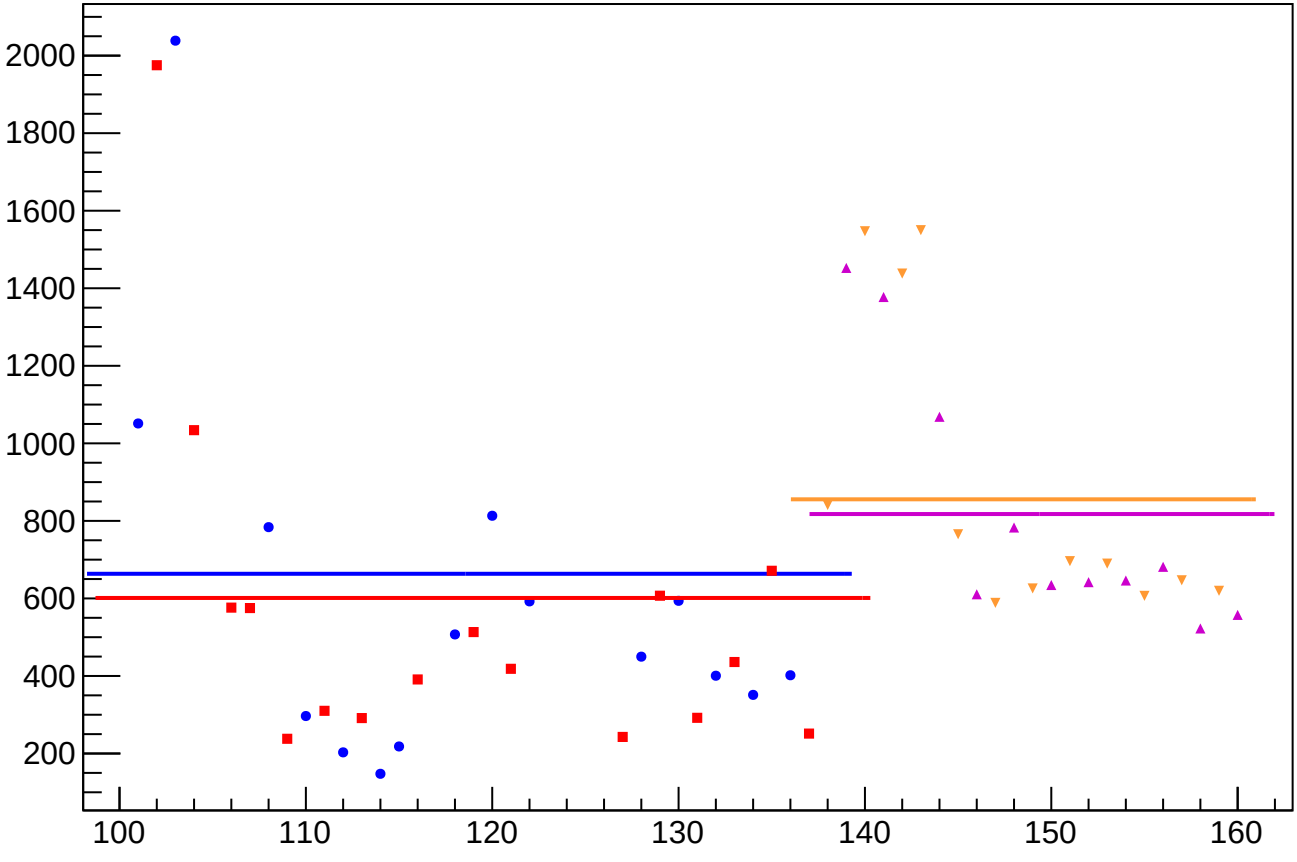
Left In: 51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

+ sign 44467.216+/-0.000 χ^2/NDF: 2937224586407

All: 43669.971+/-0.000 χ^2/NDF: 6336704207

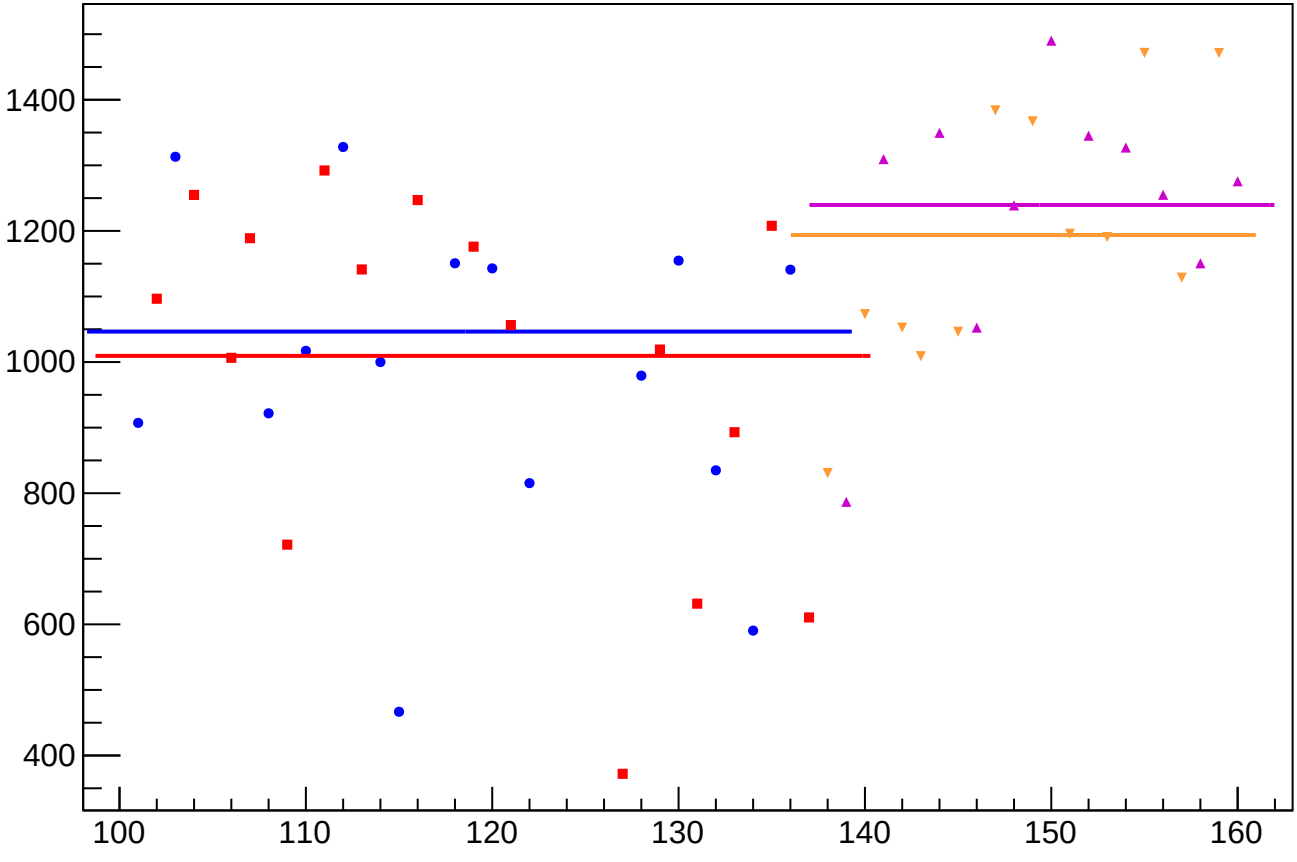
- sign 42886.756+/-0.000 χ^2/NDF: 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
+ sign 775.881+/-0.000 χ^2/NDF: 286585359117303
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
All: 751.182+/-0.000 χ^2/NDF: 54677004059 5
Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
- sign 726.918+/-0.000 χ^2/NDF: 258294460548114
Left Out: 817.657+/-0.000 χ^2/NDF:904295487237156633268052990768111943 68.0/10

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

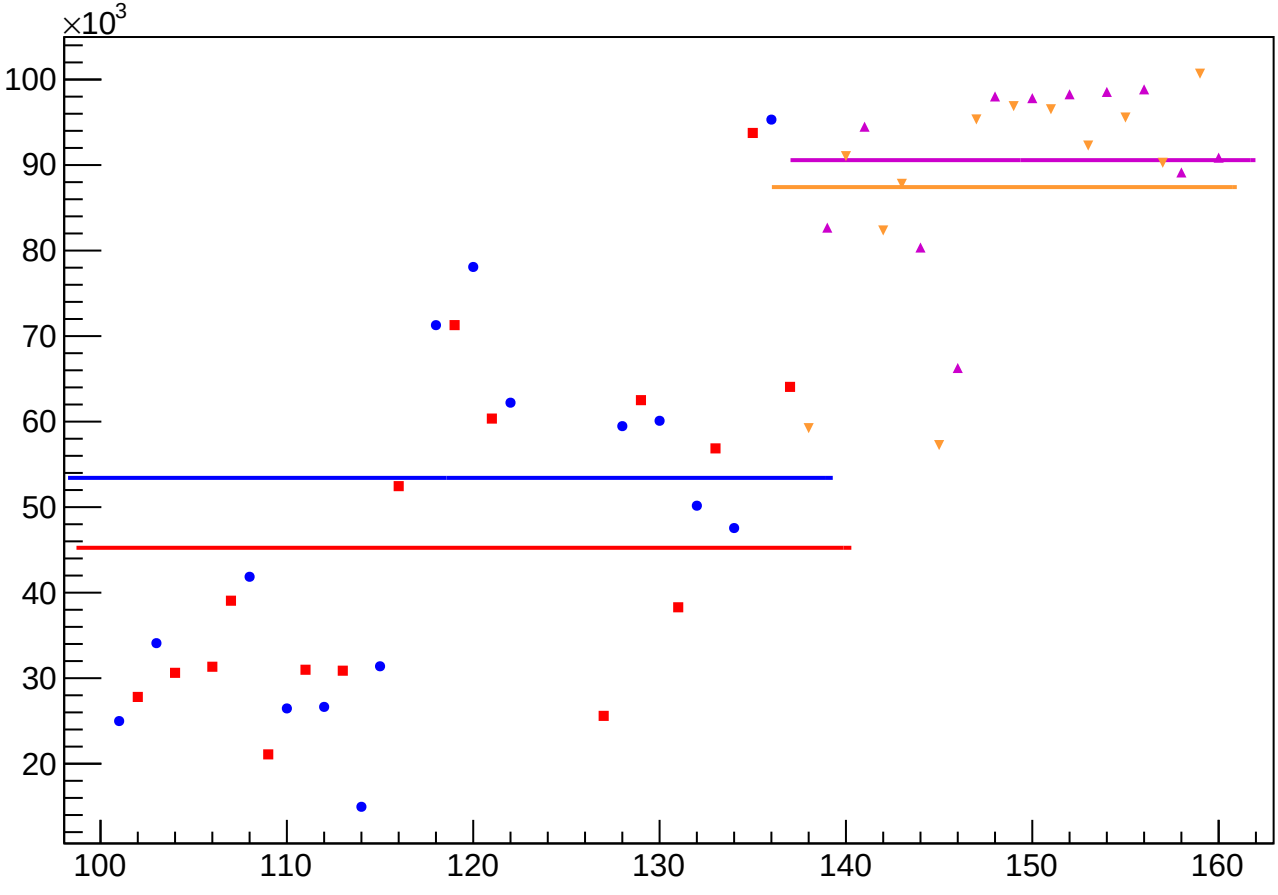
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

+ sign 73304.445+/-0.000 χ^2/NDF: 9753549747664

Left Out: 87421.965+/-0.000 χ^2/NDF:1760094479339731722987658082695880743321 60.0/11

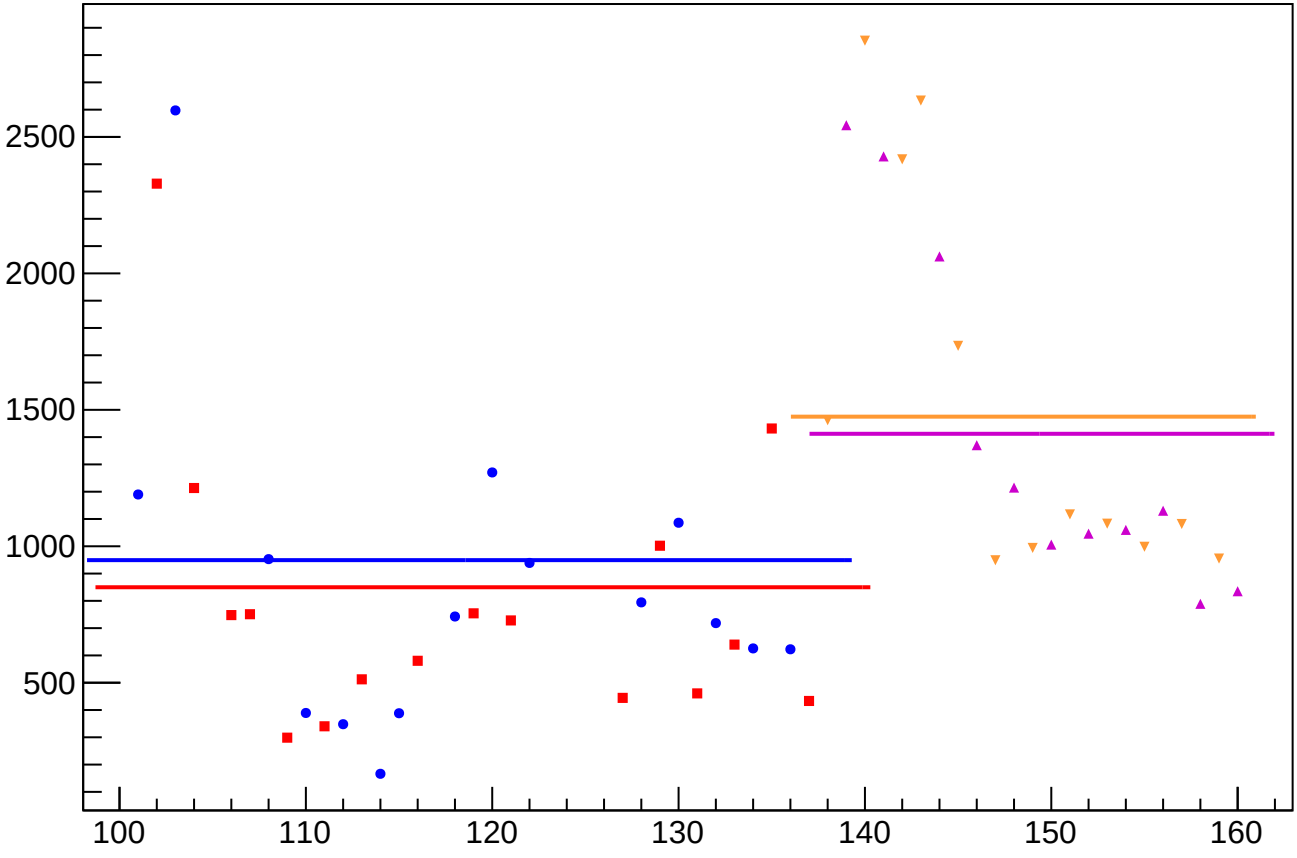
All: 72430.299+/-0.000 χ^2/NDF: 2150195804

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

- sign 71571.537+/-0.000 χ^2/NDF: 1172473175377

Left In: 90573.760+/-0.000 χ^2/NDF:9057408139435422159394926231240668558131 2.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1256.670+/-0.000 χ^2/NDF: 7383903586921 0

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

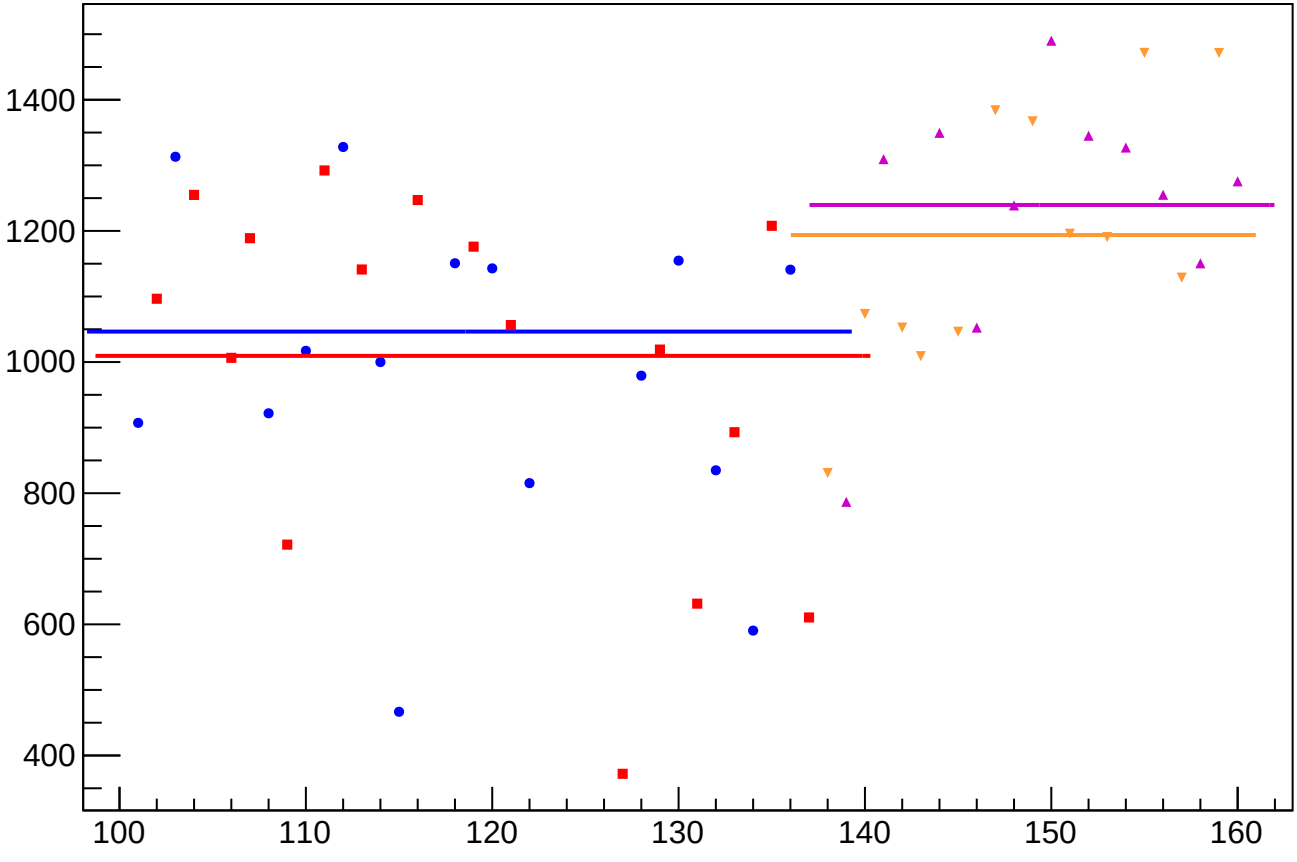
All: 1216.192+/-0.000 χ^2/NDF: 1403124317 1

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1176.426+/-0.000 χ^2/NDF: 6596572092346 2

Left In: 1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

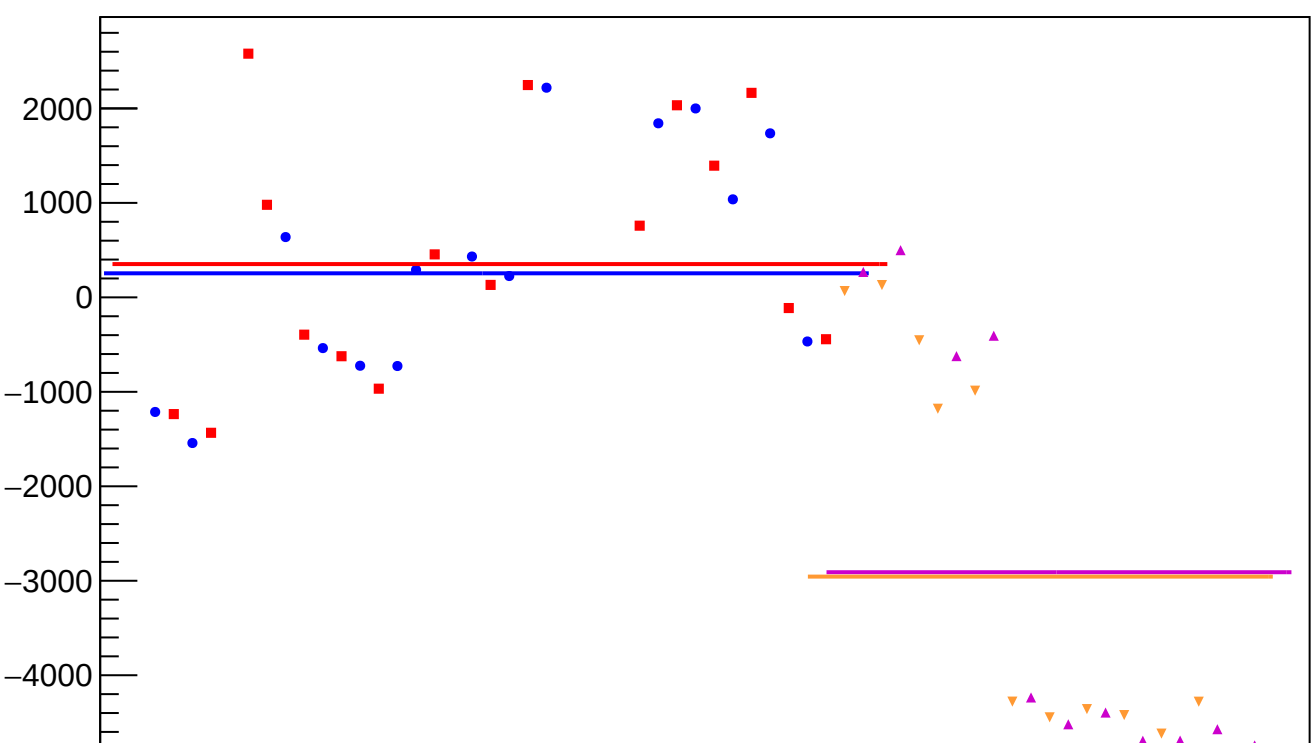
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

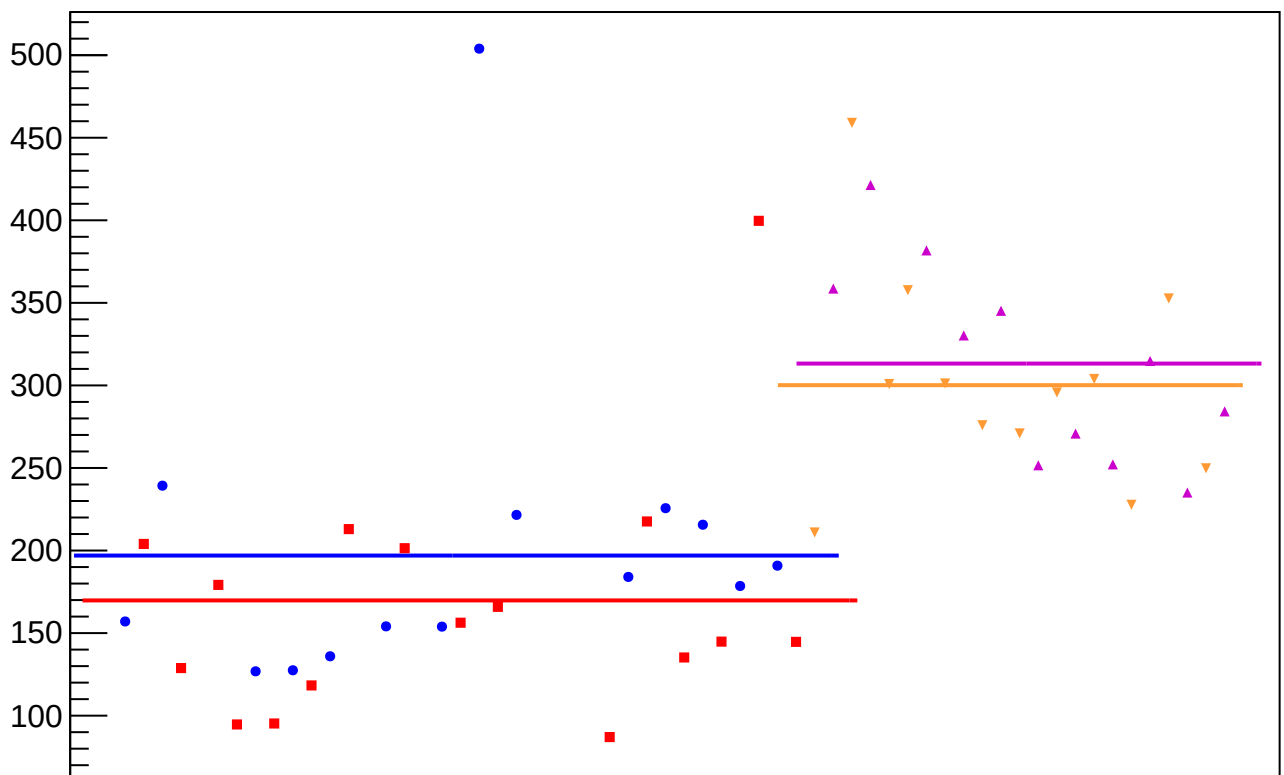
- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -1622.879+/-0.000 χ^2/NDF: 8598208756687
Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11
All: -1582.115+/-0.000 χ^2/NDF: 1820300419
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -1542.068+/-0.000 χ^2/NDF: 9599646635049 9
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: 448524516032965791462137242583878860 8.0/14

Left Out: 300.154+/-0.000 χ^2/NDF:387302142868535294113705344869020467 2.0/11

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

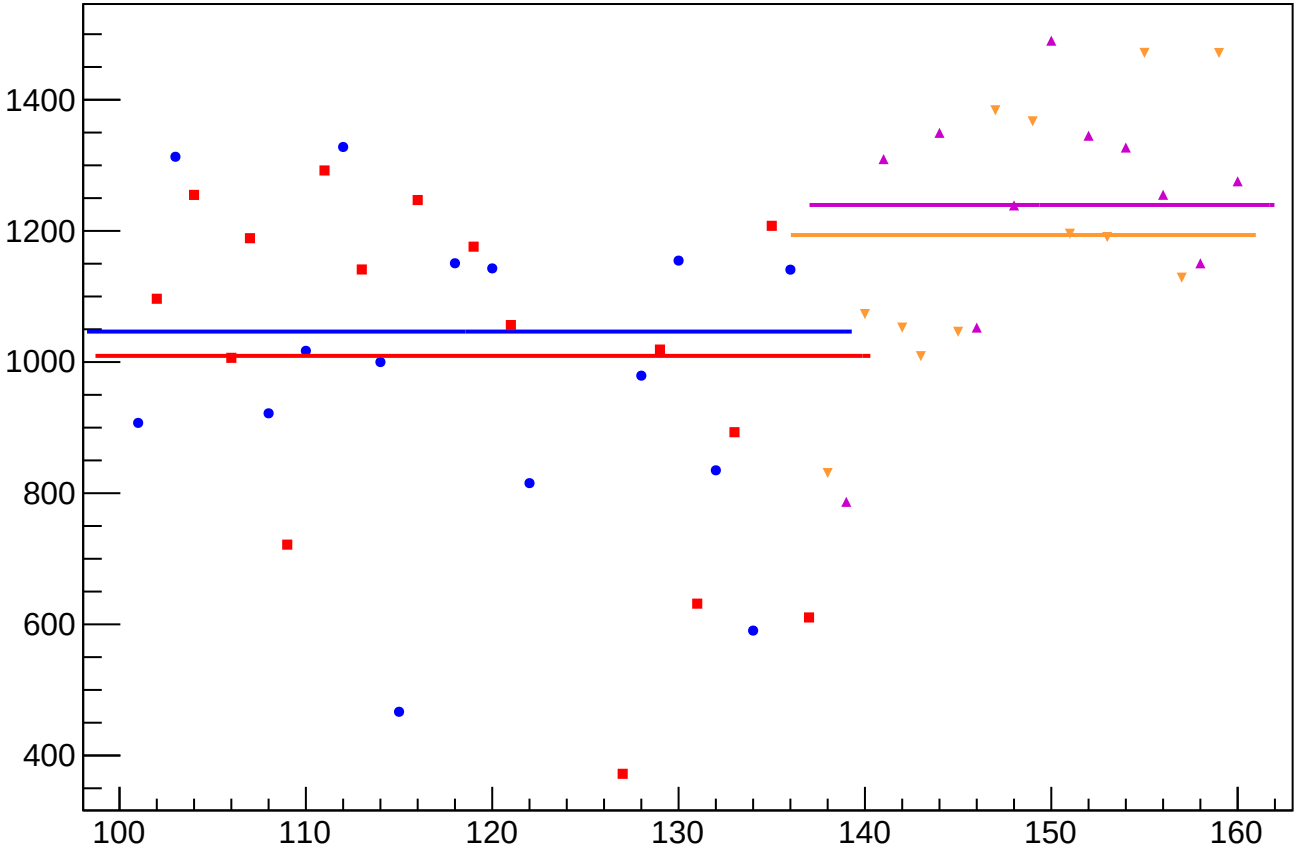
Left In: 313.228+/-0.000 χ^2/NDF:307906170184356071477452976814240563 2.0/10

+ sign 257.303+/-0.000 χ^2/NDF: 1240007740198 19

All: 255.177+/-0.000 χ^2/NDF: 2735697932 25

- sign 253.089+/-0.000 χ^2/NDF: 1494290075336 01

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

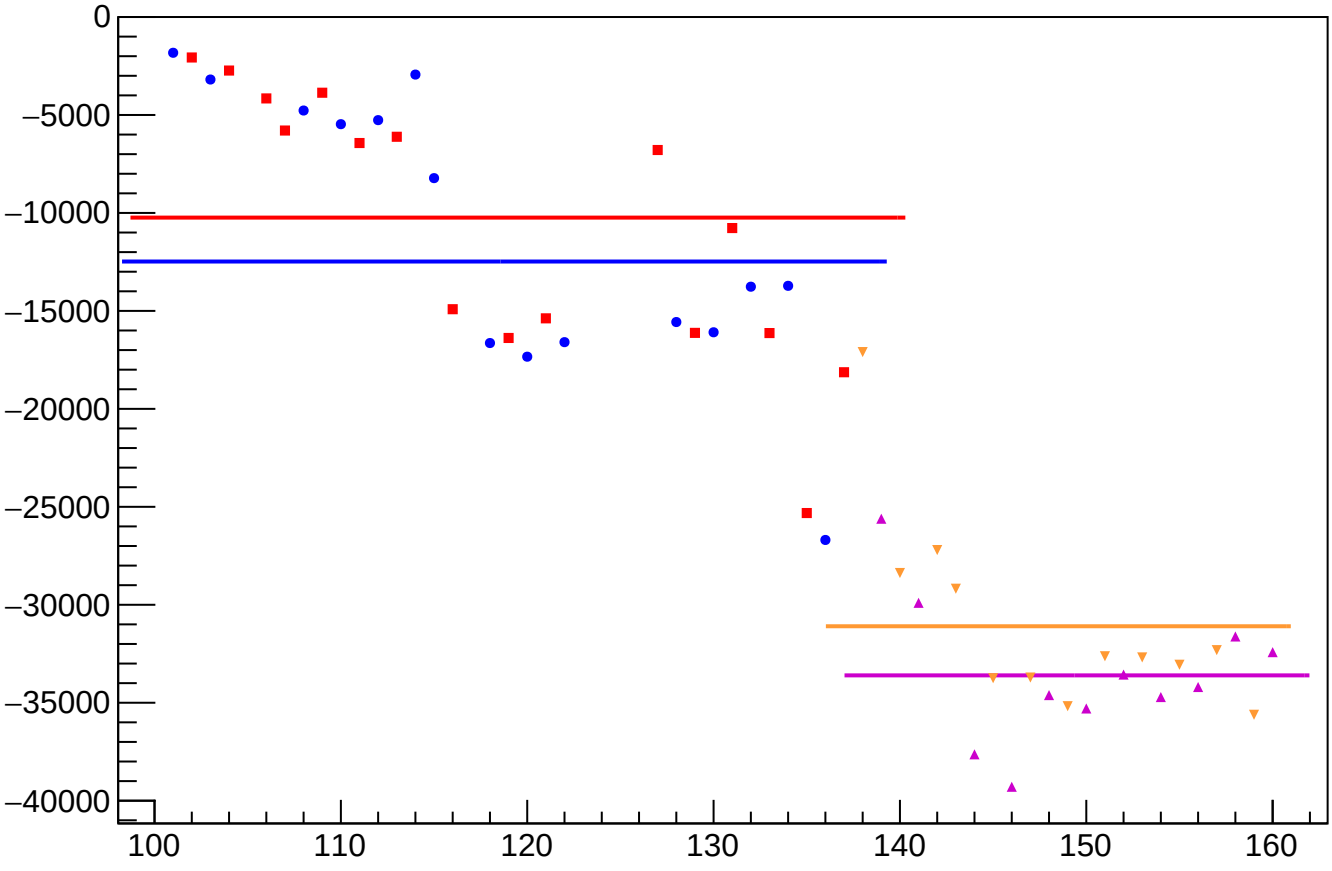
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -23366.201+/-0.000 χ^2/NDF: 194472008437

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

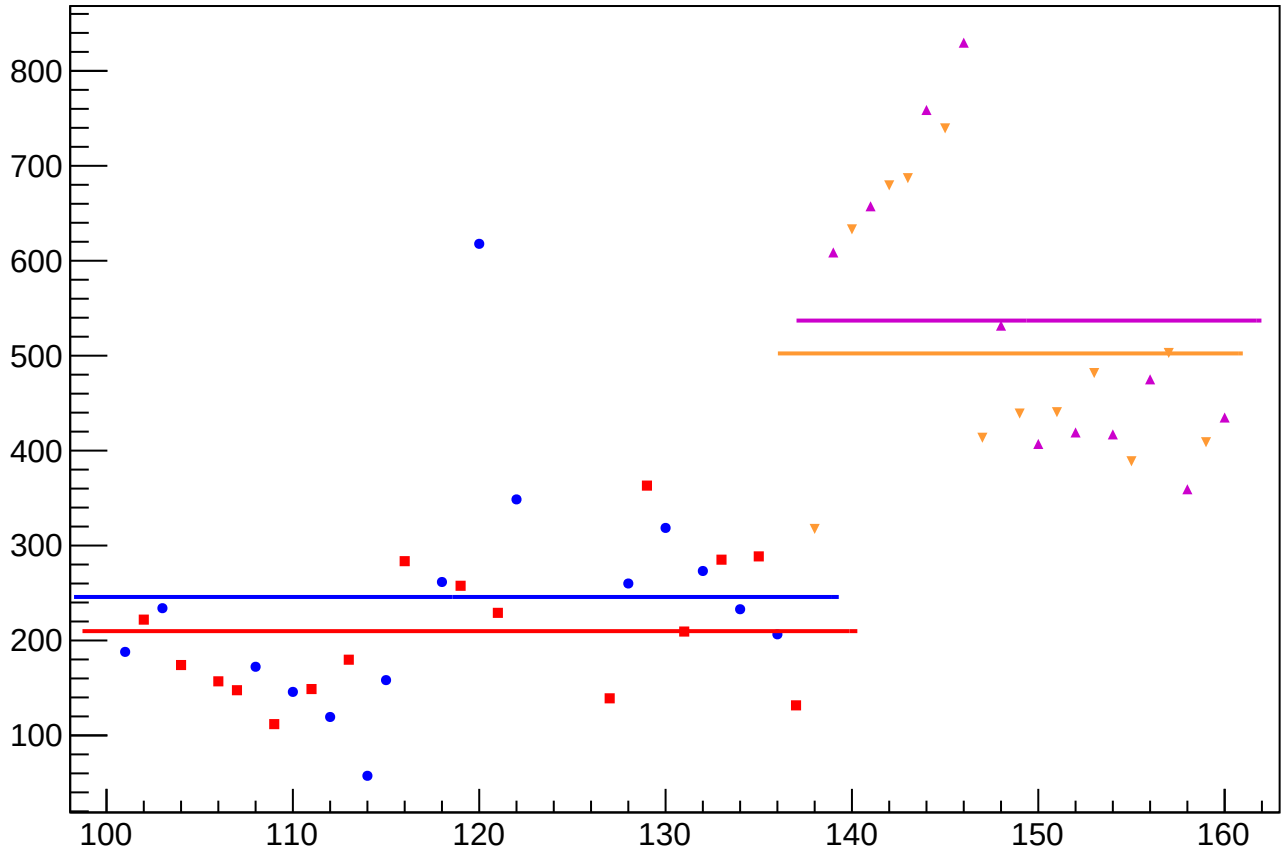
All: -23588.925+/-0.000 χ^2/NDF: 448707023

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

- sign -23807.730+/-0.000 χ^2/NDF: 254081310517 5

Left In: -33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

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:1519156609286494211376362666392236851 2.0/11

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

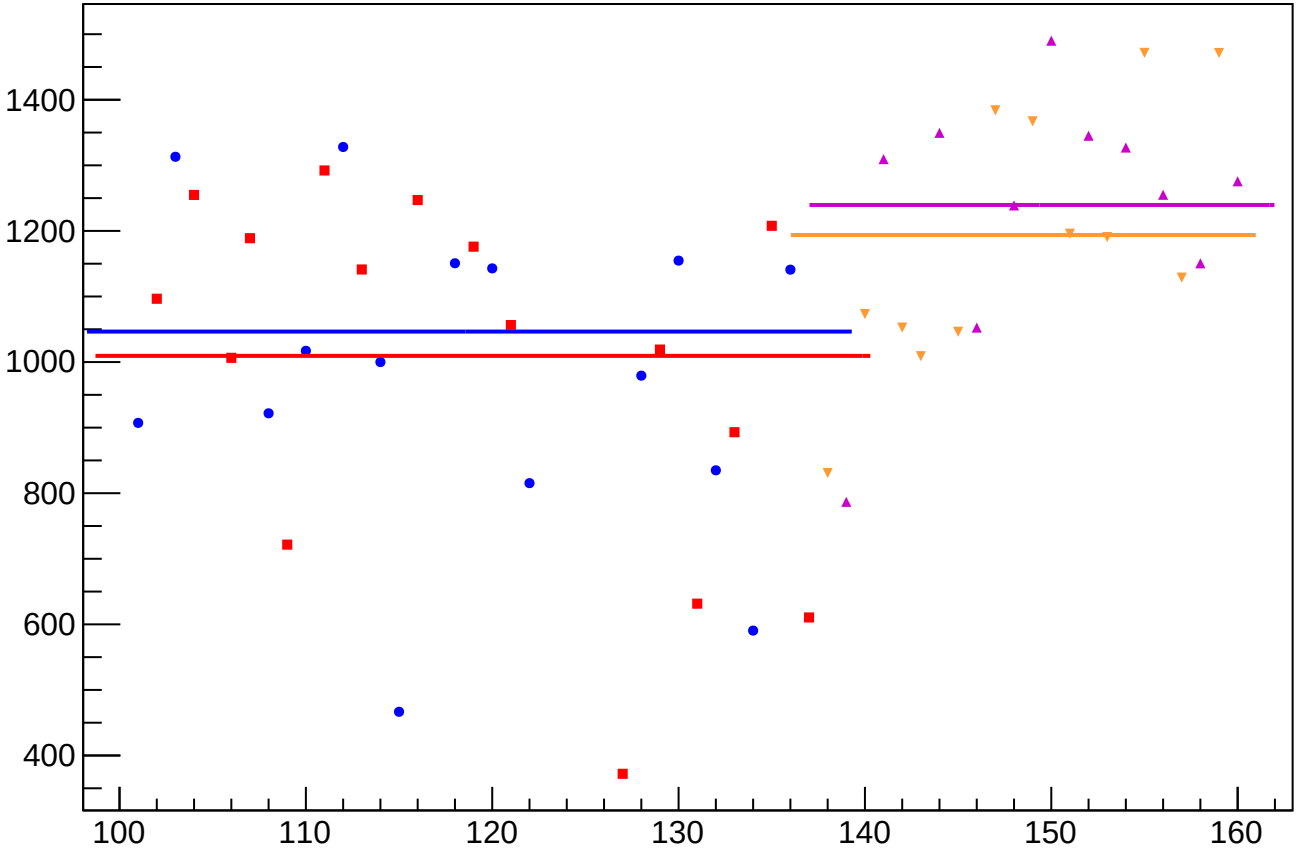
Left In: 536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

+ sign 395.846+/-0.000 χ^2/NDF: 479955291741577

All: 397.856+/-0.000 χ^2/NDF: 11339404452

- 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: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

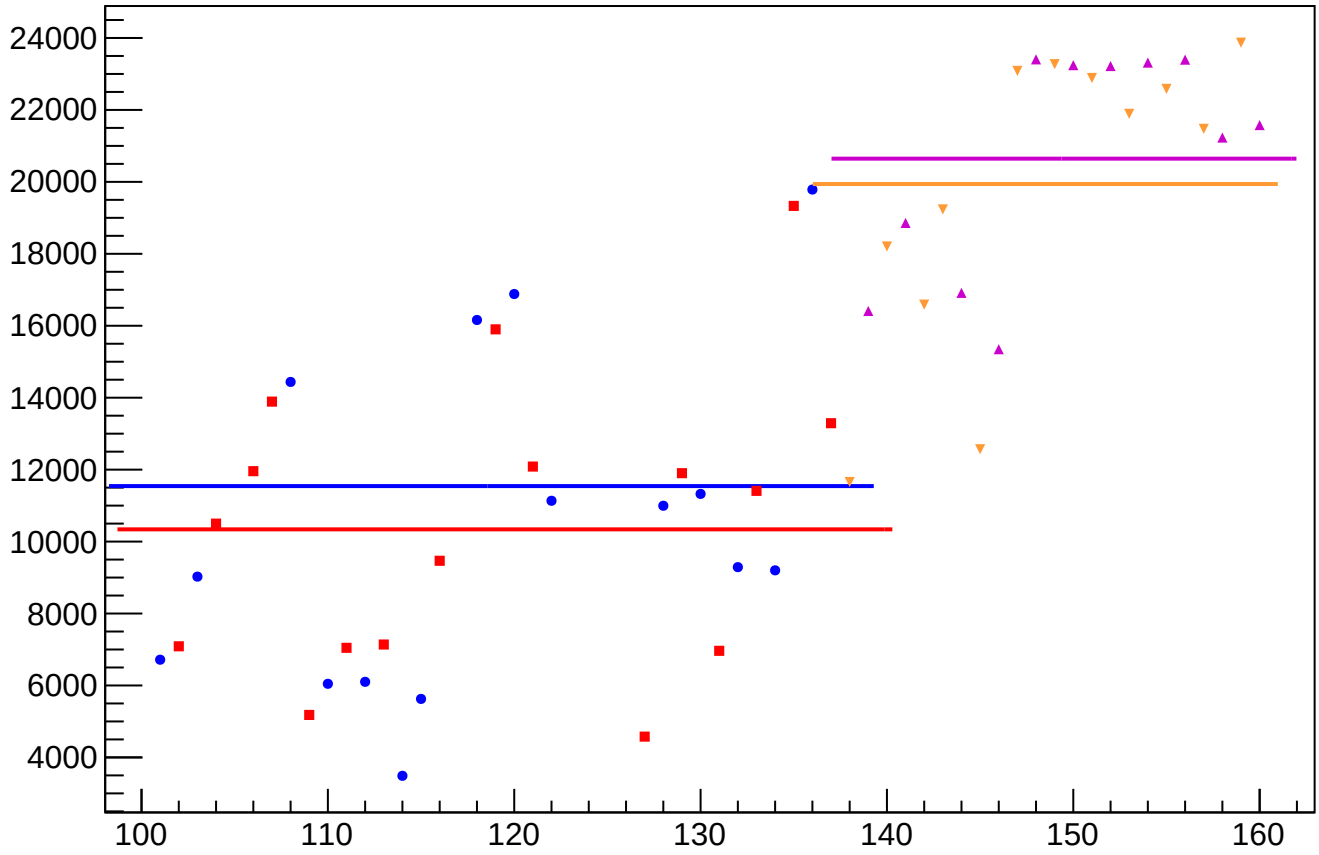
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

+ sign 16453.470+/-0.000 χ^2/NDF: 5606673689556

Left Out: 19940.398+/-0.000 χ^2/NDF:1506948674334586650686865800840029300326 4.0/11

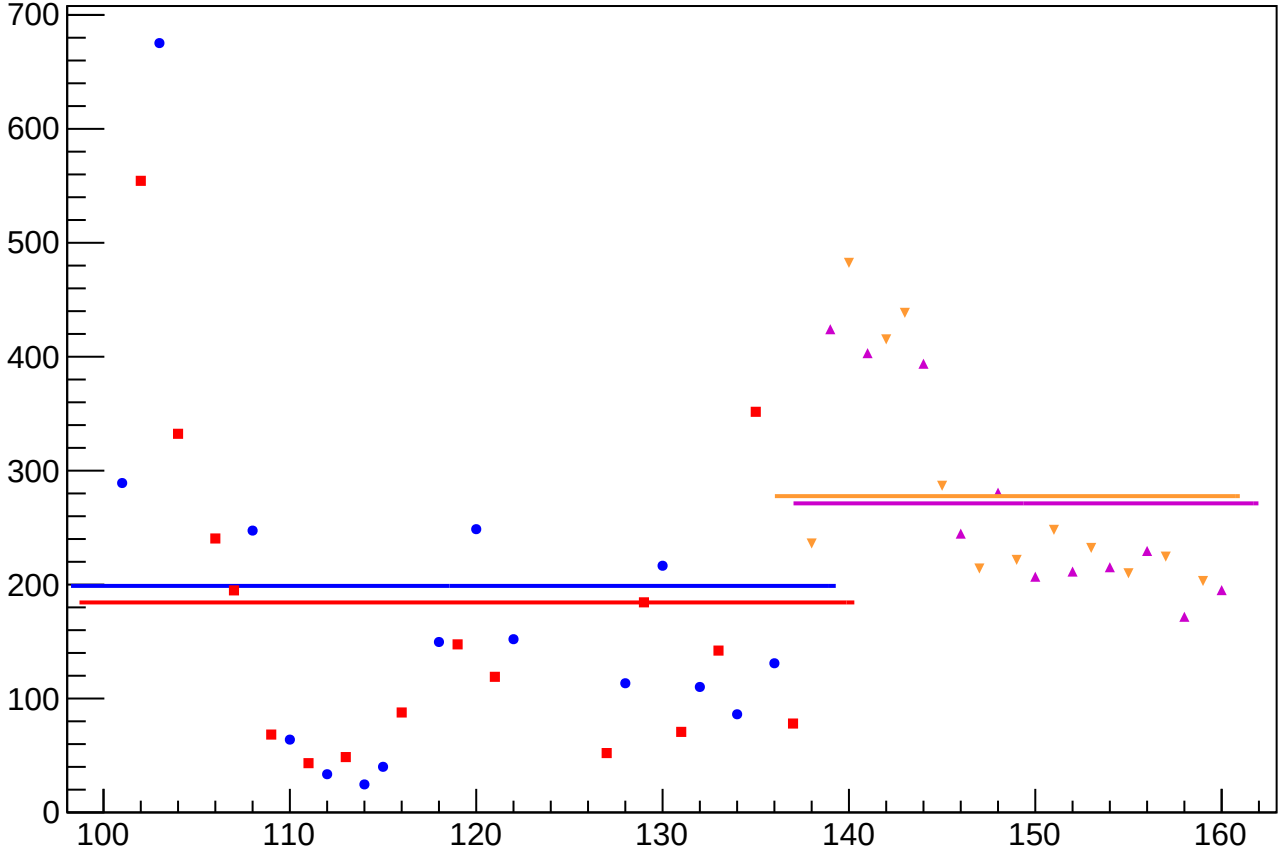
All: 16388.663+/-0.000 χ^2/NDF: 1169361701

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

- sign 16324.997+/-0.000 χ^2/NDF: 6085641974902

Left In: 20645.358+/-0.000 χ^2/NDF:8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 1833399510950343803707591694444029542 4.0/14

Left Out: 277.638+/-0.000 χ^2/NDF:8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

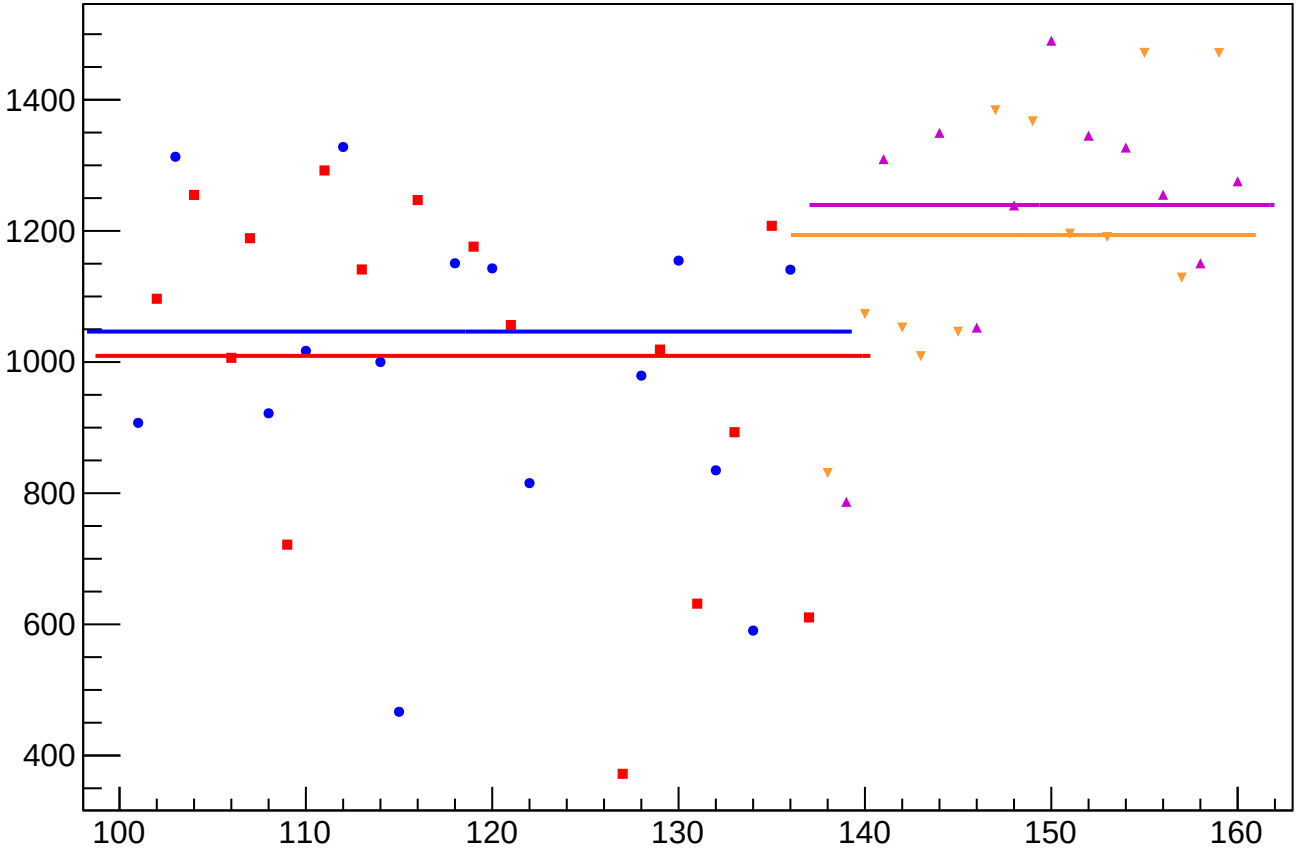
Left In: 271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF: 28728439795092 7

All: 239.833+/-0.000 χ^2/NDF: 5377808377 00

- sign 234.833+/-0.000 χ^2/NDF: 24969382199818 6

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

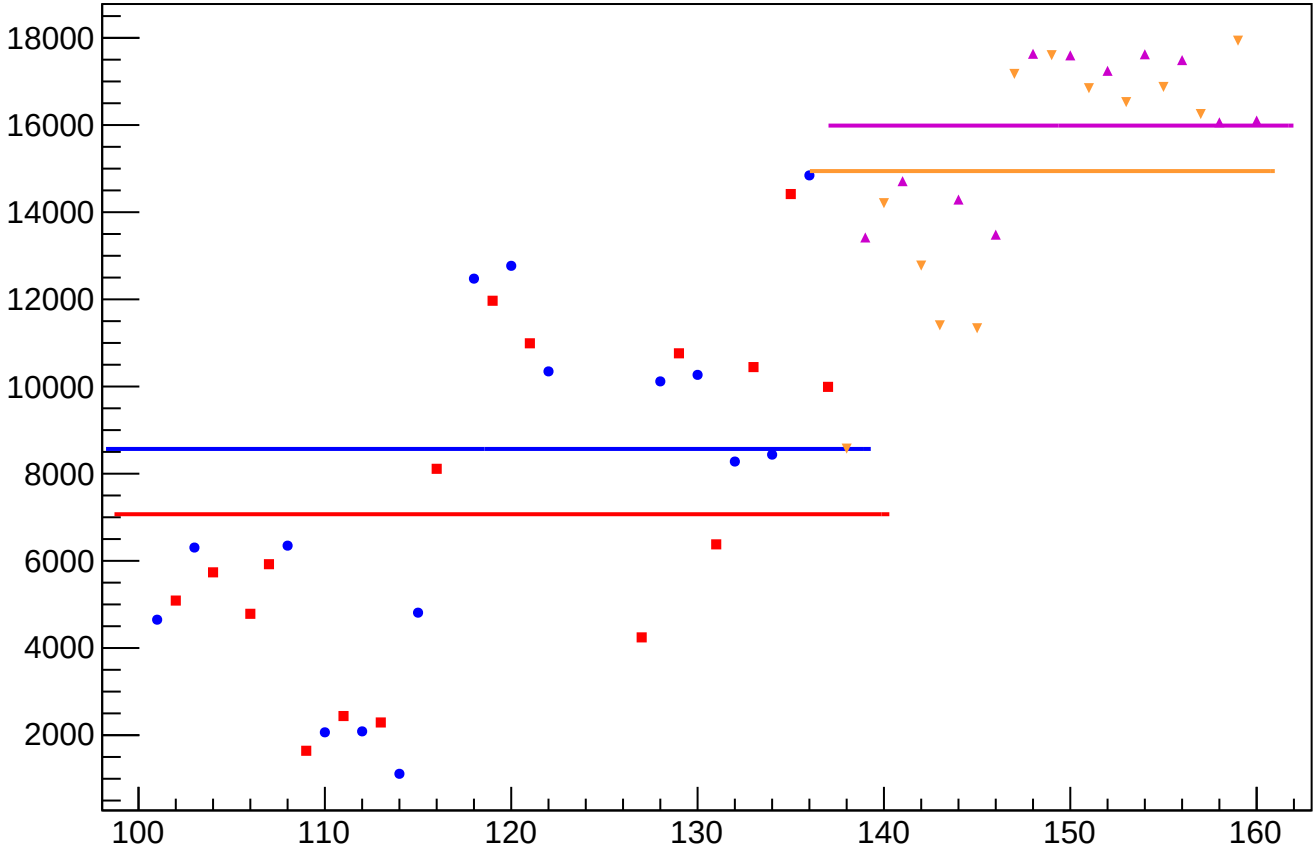
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 12296.165+/-0.000 χ^2/NDF: 3443417214700

Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11

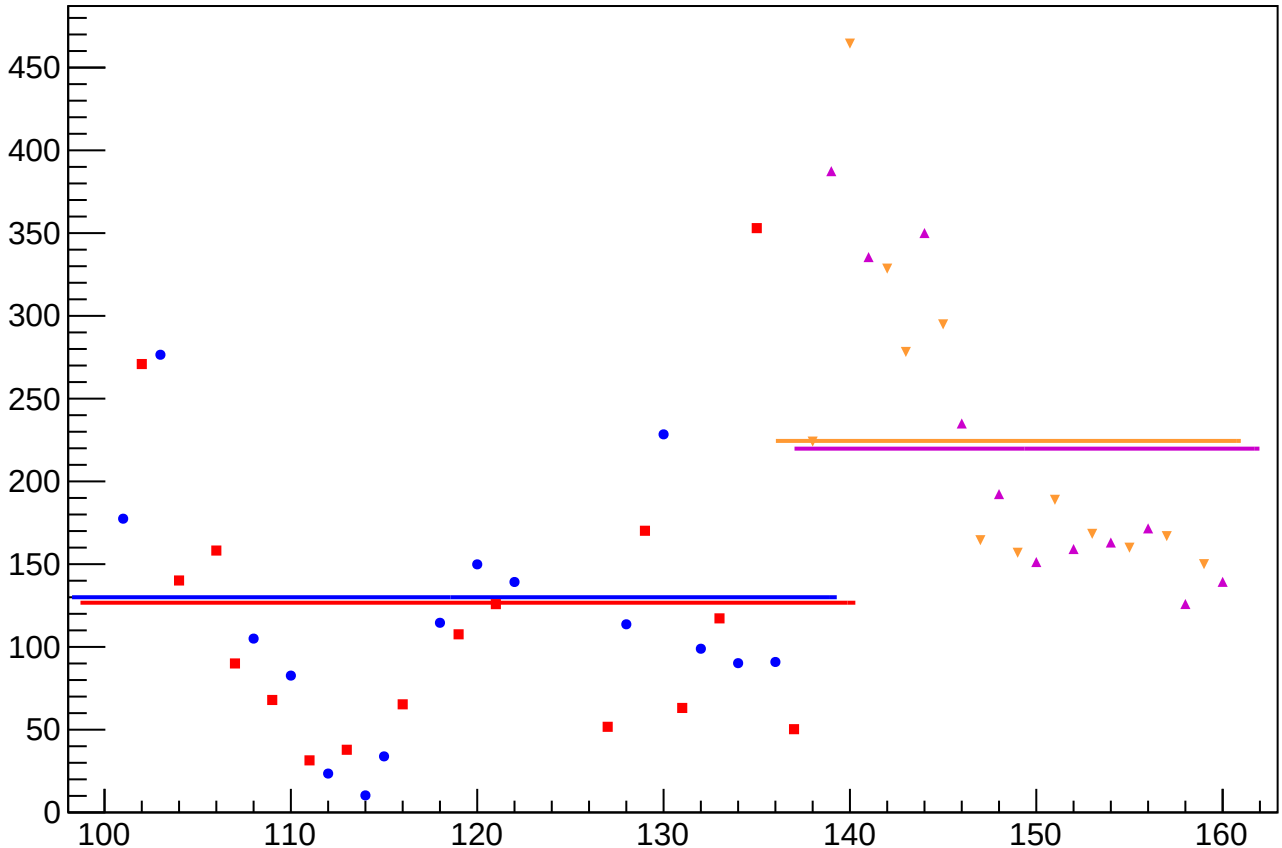
All: 12272.324+/-0.000 χ^2/NDF: 7778802513

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15

- sign 12248.903+/-0.000 χ^2/NDF: 4335209183534

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

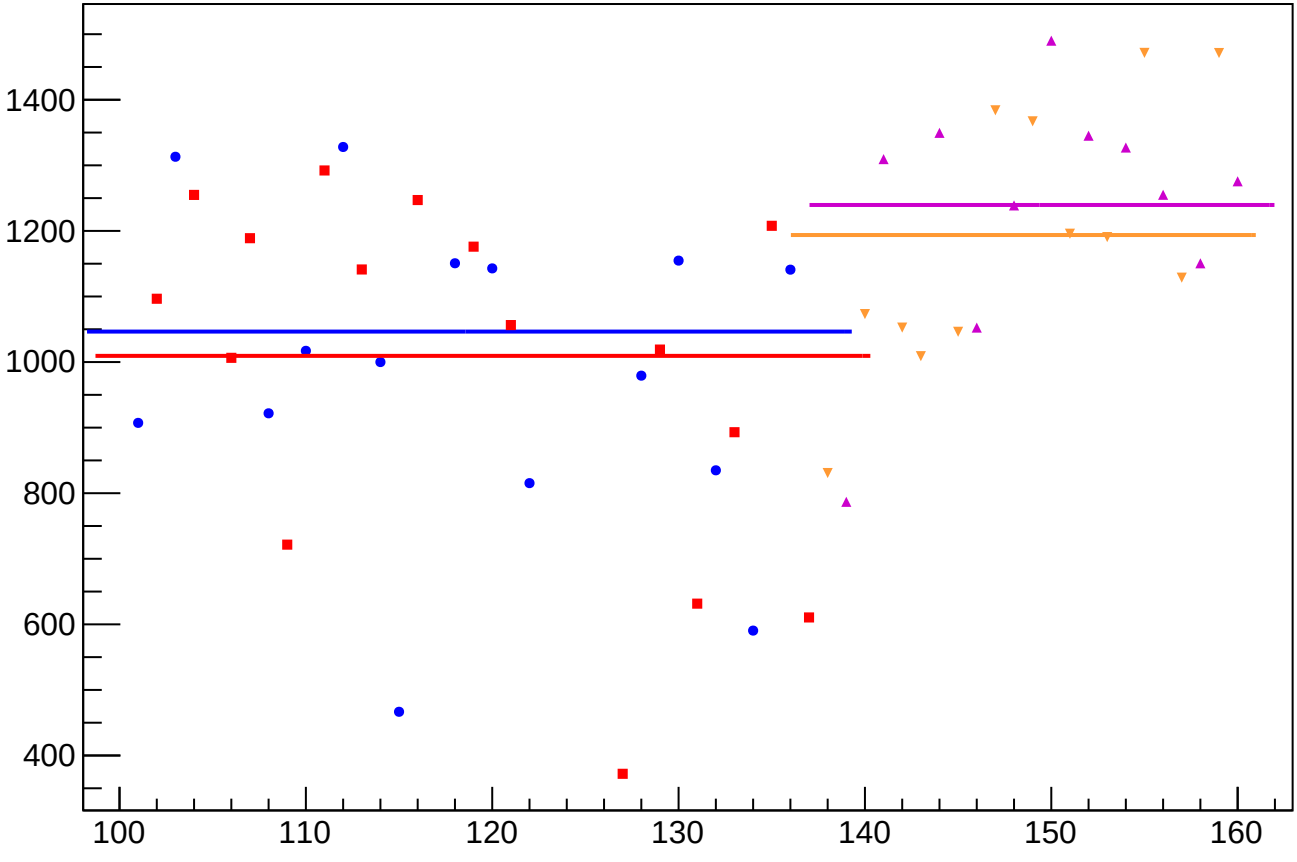
Left In: 219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

+ sign 185.245+/-0.000 χ^2/NDF: 143703436446713

All: 182.985+/-0.000 χ^2/NDF: 30557896618

- sign 180.765+/-0.000 χ^2/NDF: 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

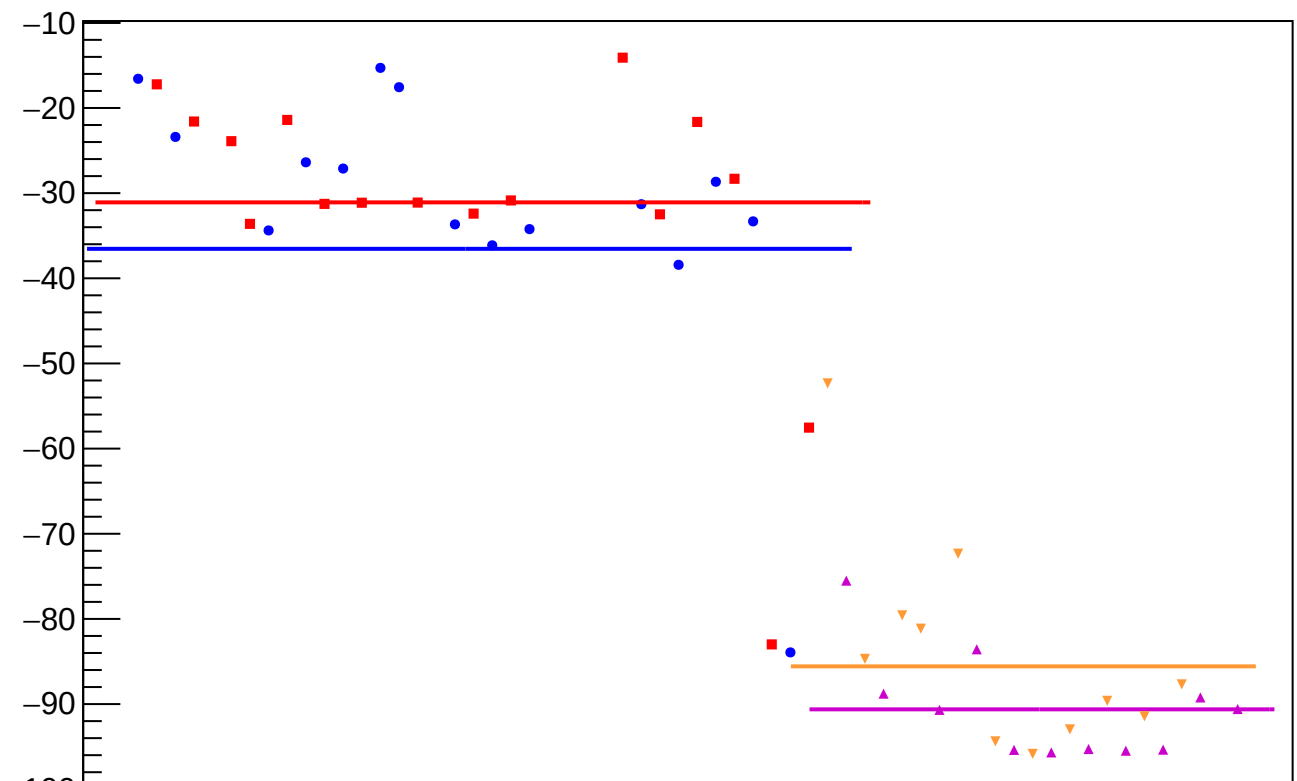
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

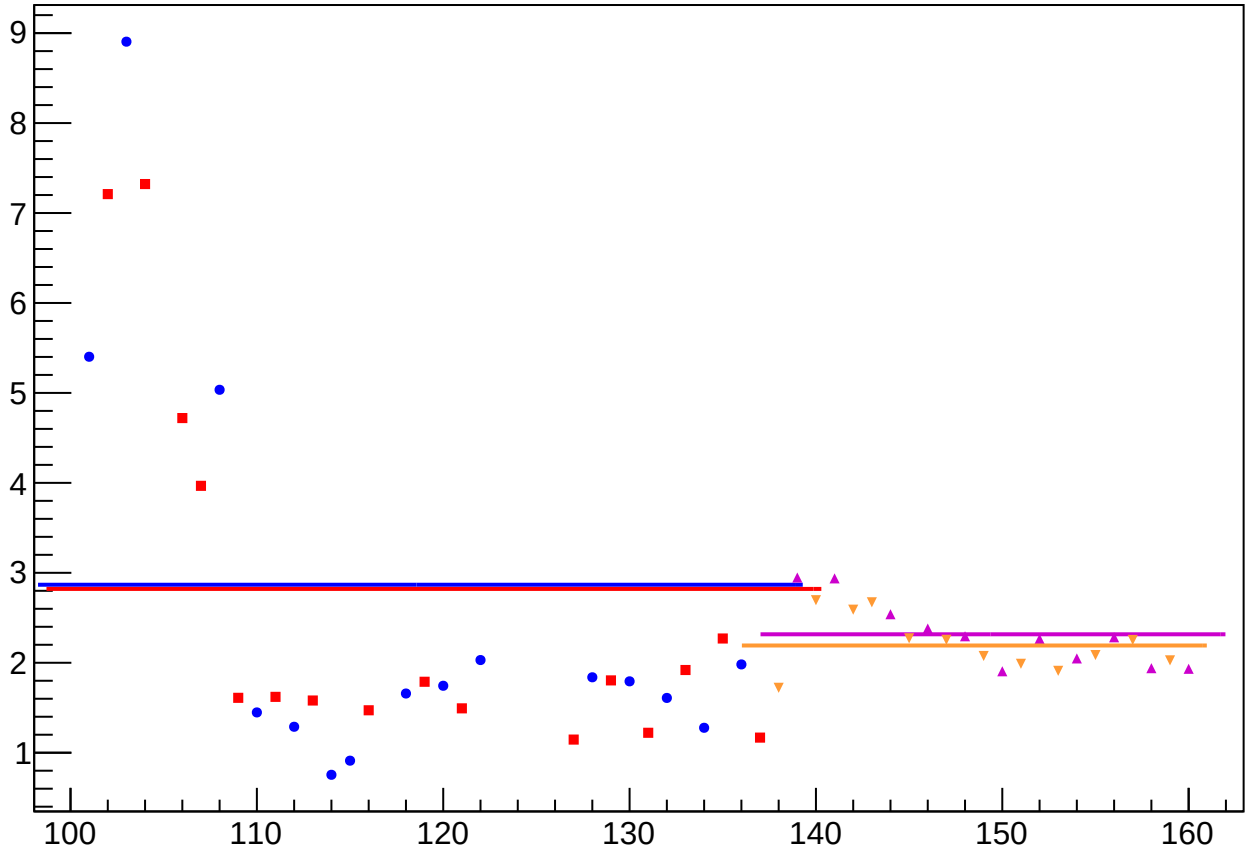
Left In: -90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10

+ sign -65.212+/-0.000 χ^2/NDF: 131026728865009

All: -65.438+/-0.000 χ^2/NDF: 289770508585

- sign -65.660+/-0.000 χ^2/NDF: 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

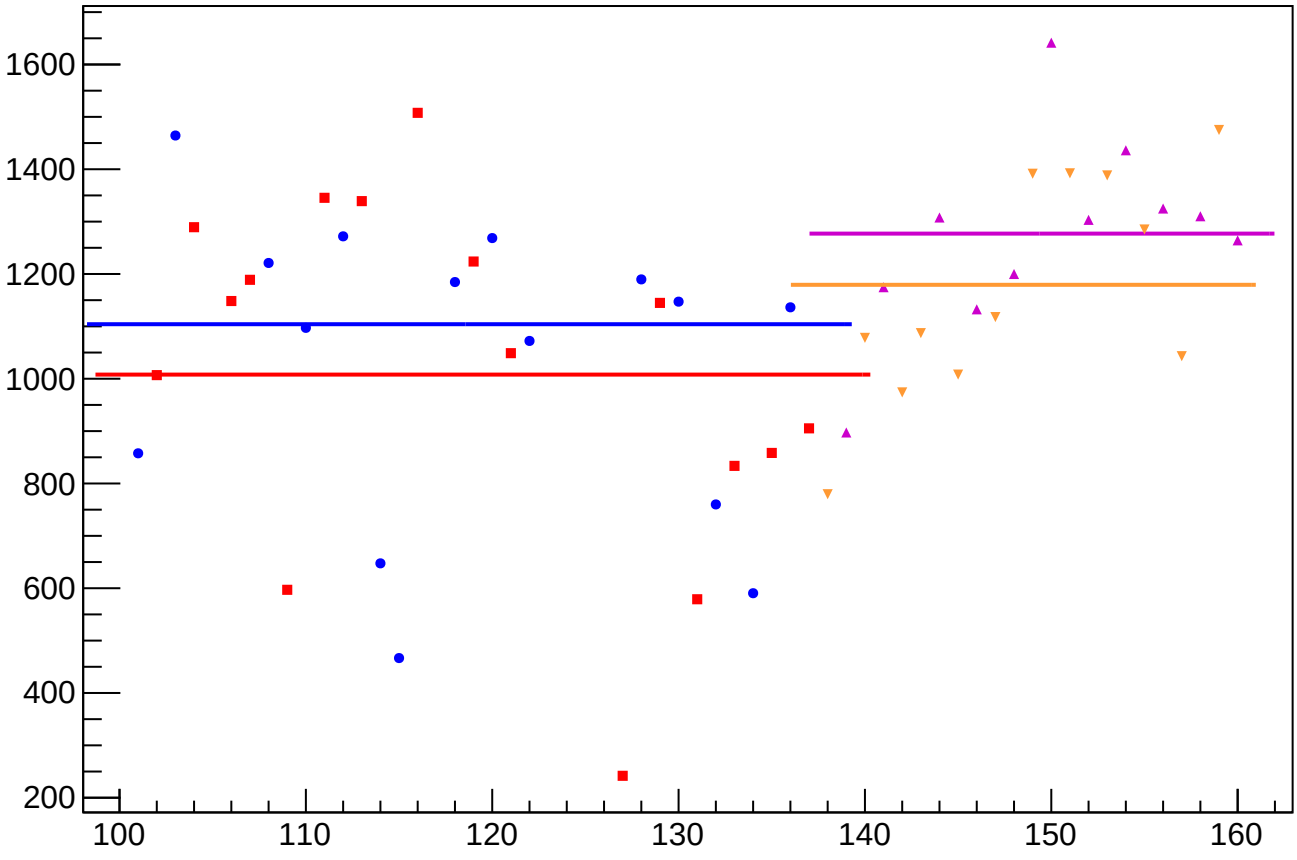
Left In: 2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

+ sign 2.472+/-0.000 χ^2/NDF: 3704648684810753 4

All: 2.501+/-0.000 χ^2/NDF: 6972966397361 3

- sign 2.528+/-0.000 χ^2/NDF: 3265884582788506 2

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

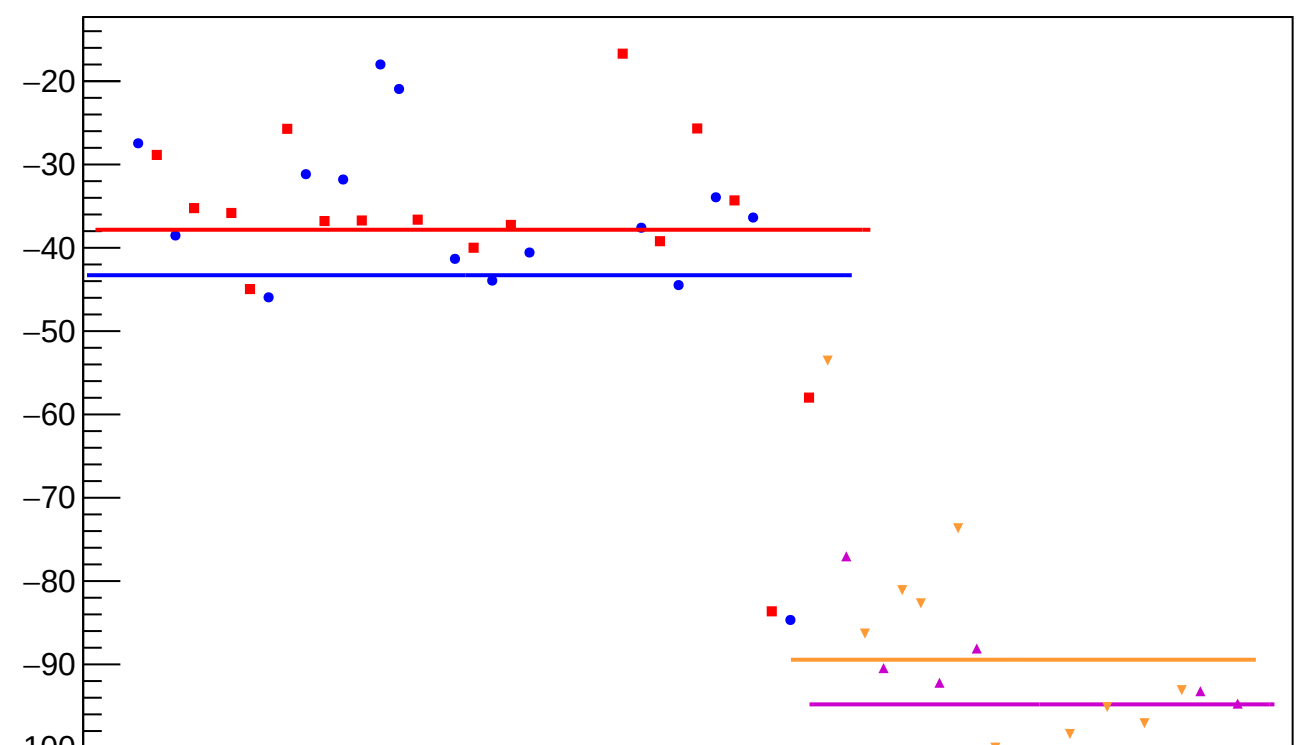
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

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:1811199629856908411387884279724769 28.0/11

Right Out: -37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

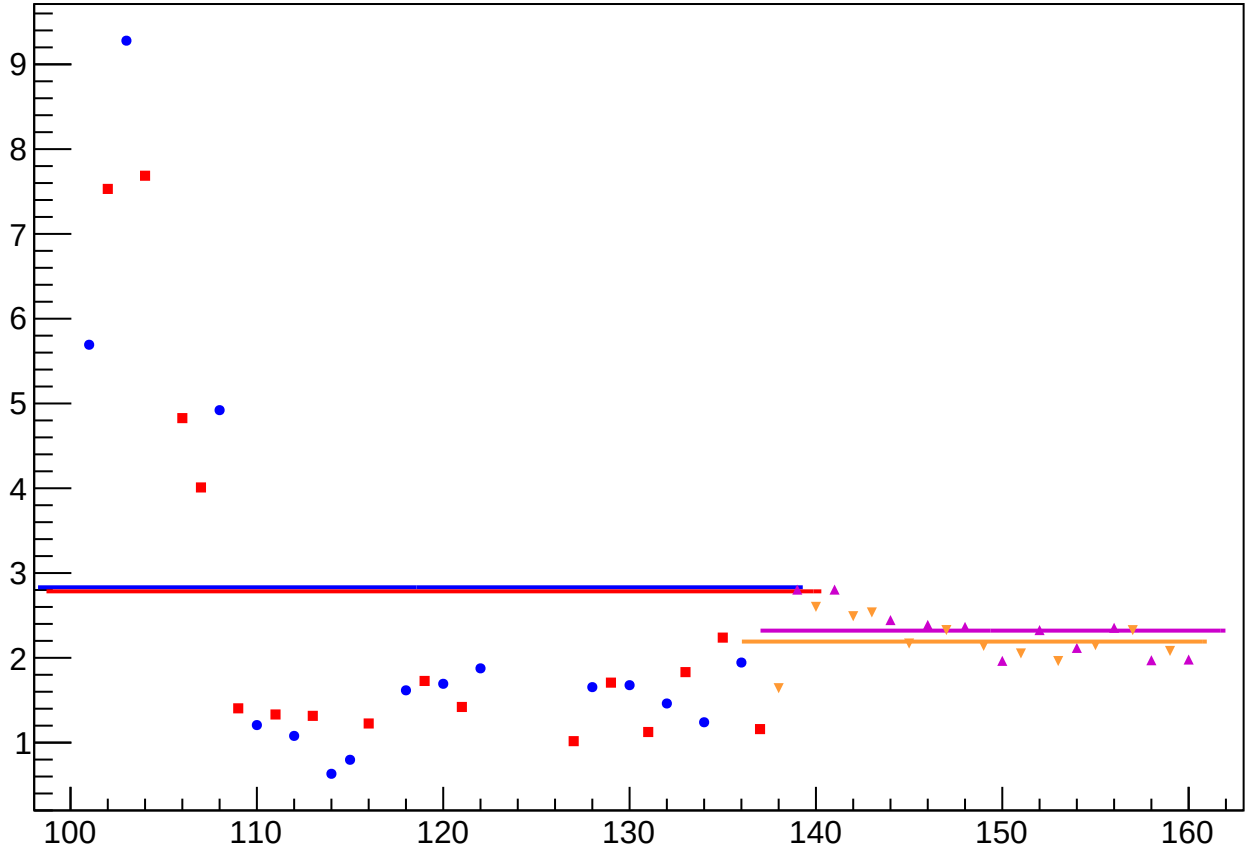
Left In: -94.799+/-0.000 χ^2/NDF:4907705003261100698215696807493632 0.0/10

+ sign -70.276+/-0.000 χ^2/NDF: 118874483717720

All: -70.599+/-0.000 χ^2/NDF: 264393332090

- sign -70.917+/-0.000 χ^2/NDF: 1454865139874700

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.458+/-0.000 χ^2/NDF: 41727539916182850

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

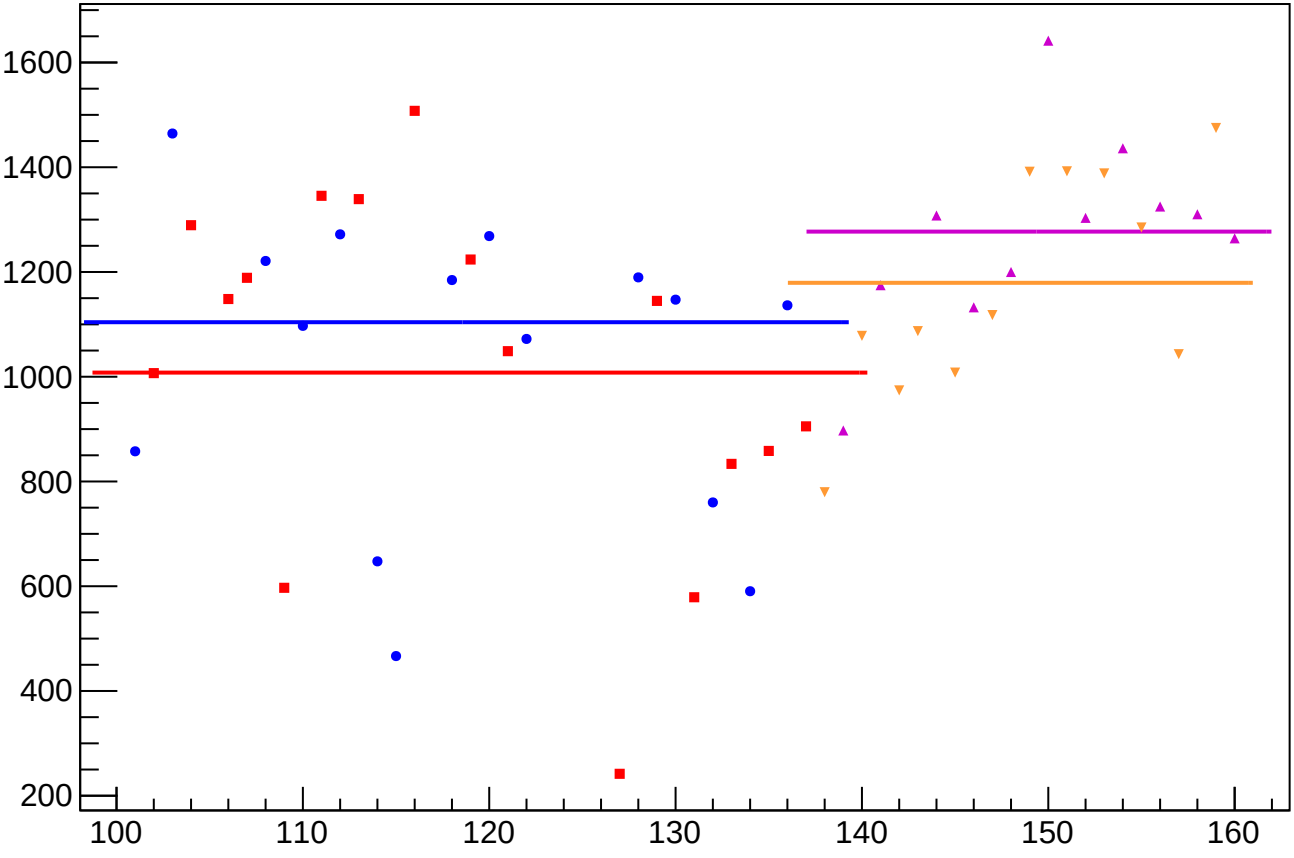
All: 2.487+/-0.000 χ^2/NDF: 7922695447655 6

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.515+/-0.000 χ^2/NDF: 37473289103826657

Left In: 2.321+/-0.000 χ^2/NDF:7461912322461632454440450523136 0.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

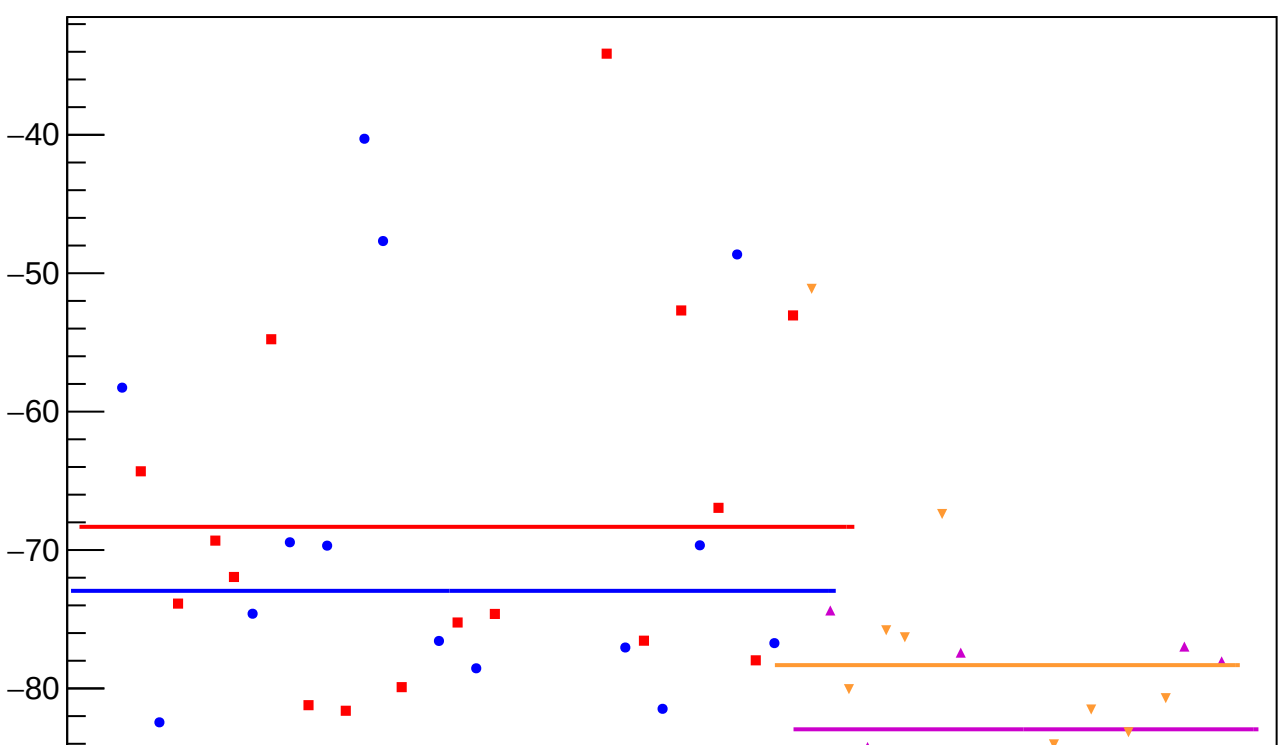
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

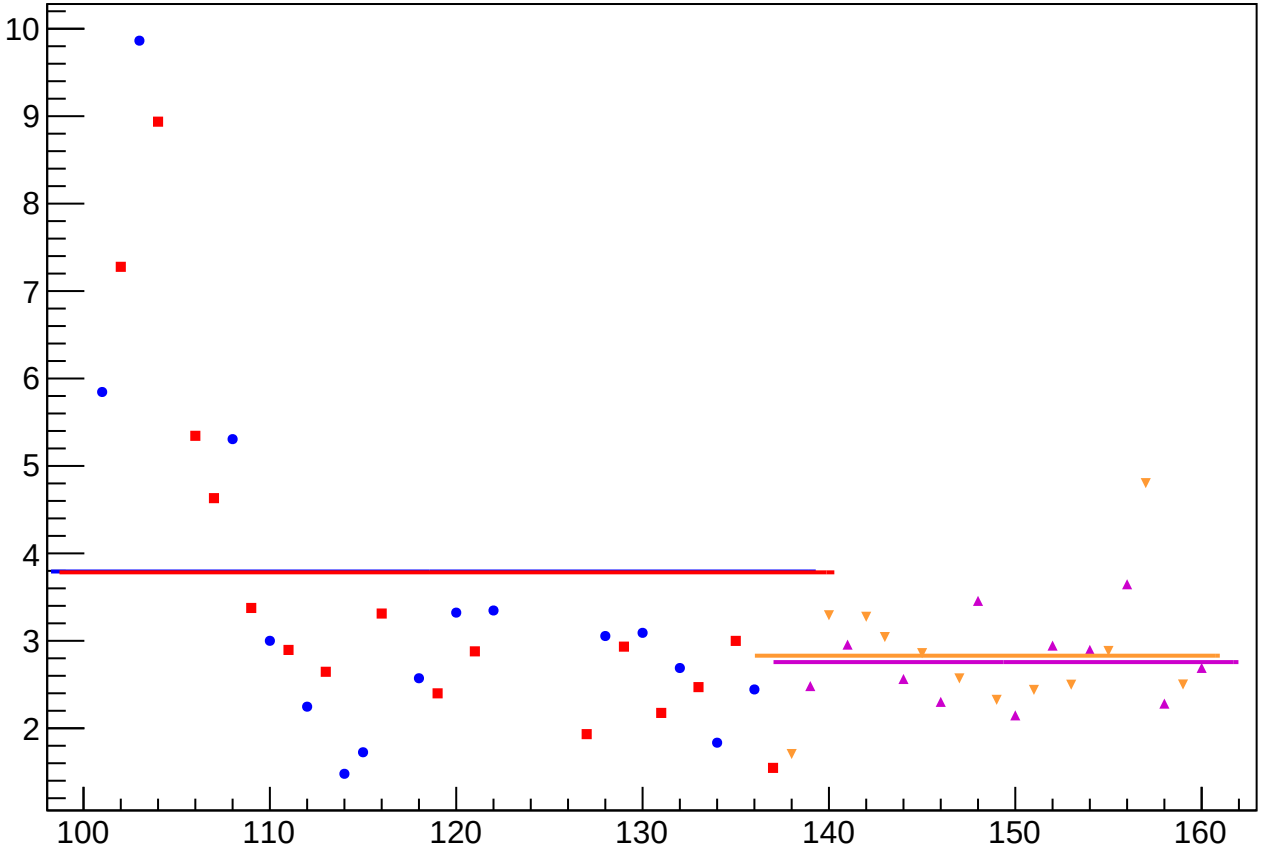
Left In: -82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

+ sign -76.088+/-0.000 χ^2/NDF: 163548804335171

All: -76.457+/-0.000 χ^2/NDF: 374001309343

- sign -76.820+/-0.000 χ^2/NDF: 210029328717765 7

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Left Out: 2.830+/-0.000 χ^2/NDF:4927490260288389079478296211619 84.0/11

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

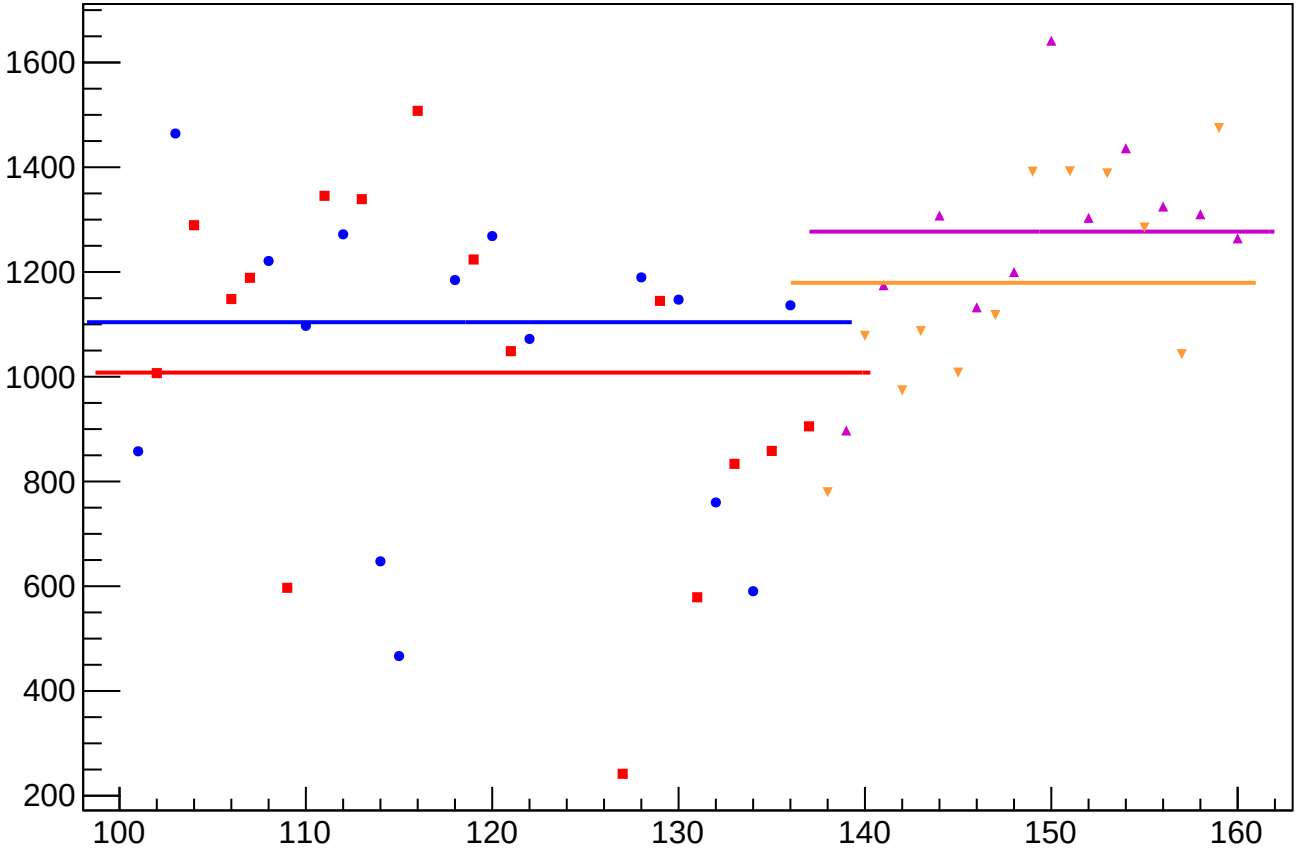
Left In: 2.757+/-0.000 χ^2/NDF:1917207465477323062260540427468 80.0/10

+ sign 3.230+/-0.000 χ^2/NDF: 4049963498640373 1

All: 3.208+/-0.000 χ^2/NDF: 7529870581400 8

- sign 3.187+/-0.000 χ^2/NDF: 3478464708331367 3

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

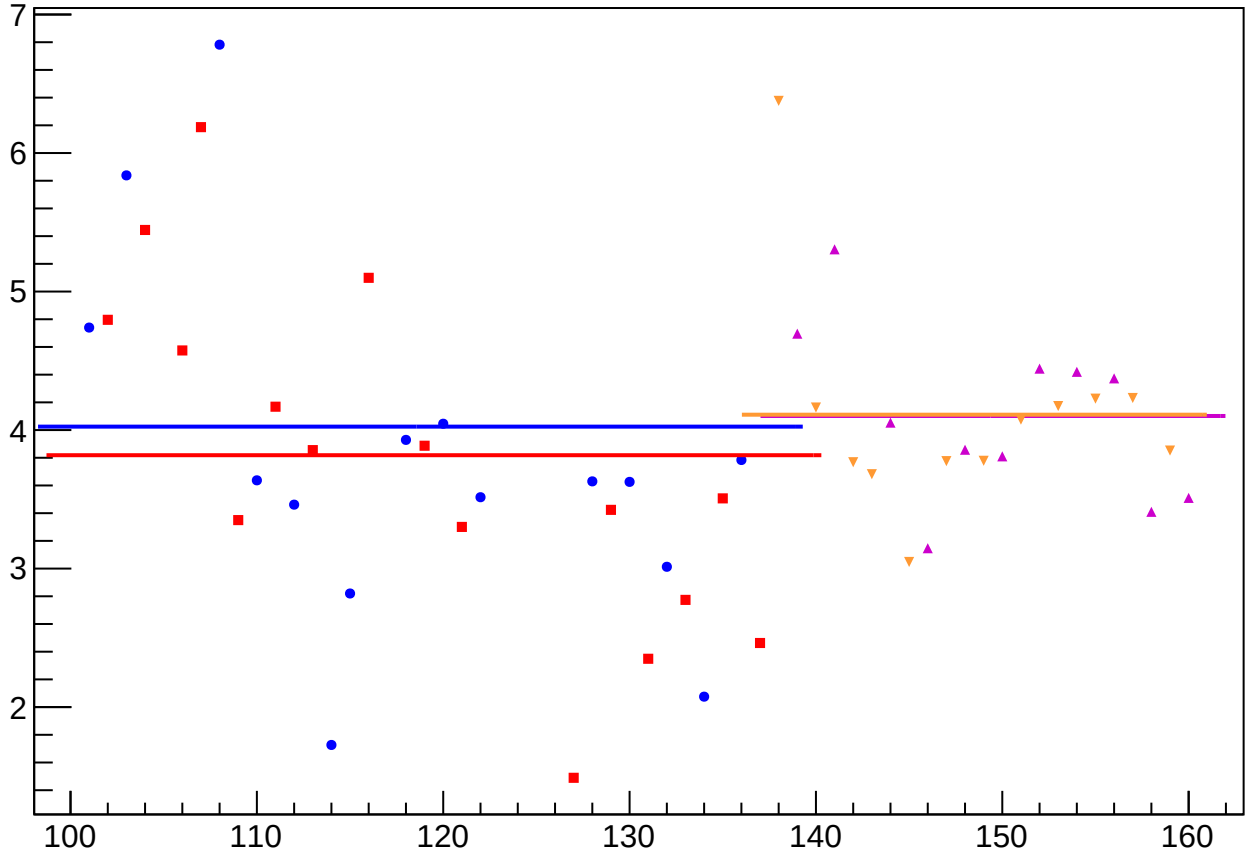
All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.075+/-0.000 χ^2/NDF: 13044380384615704

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

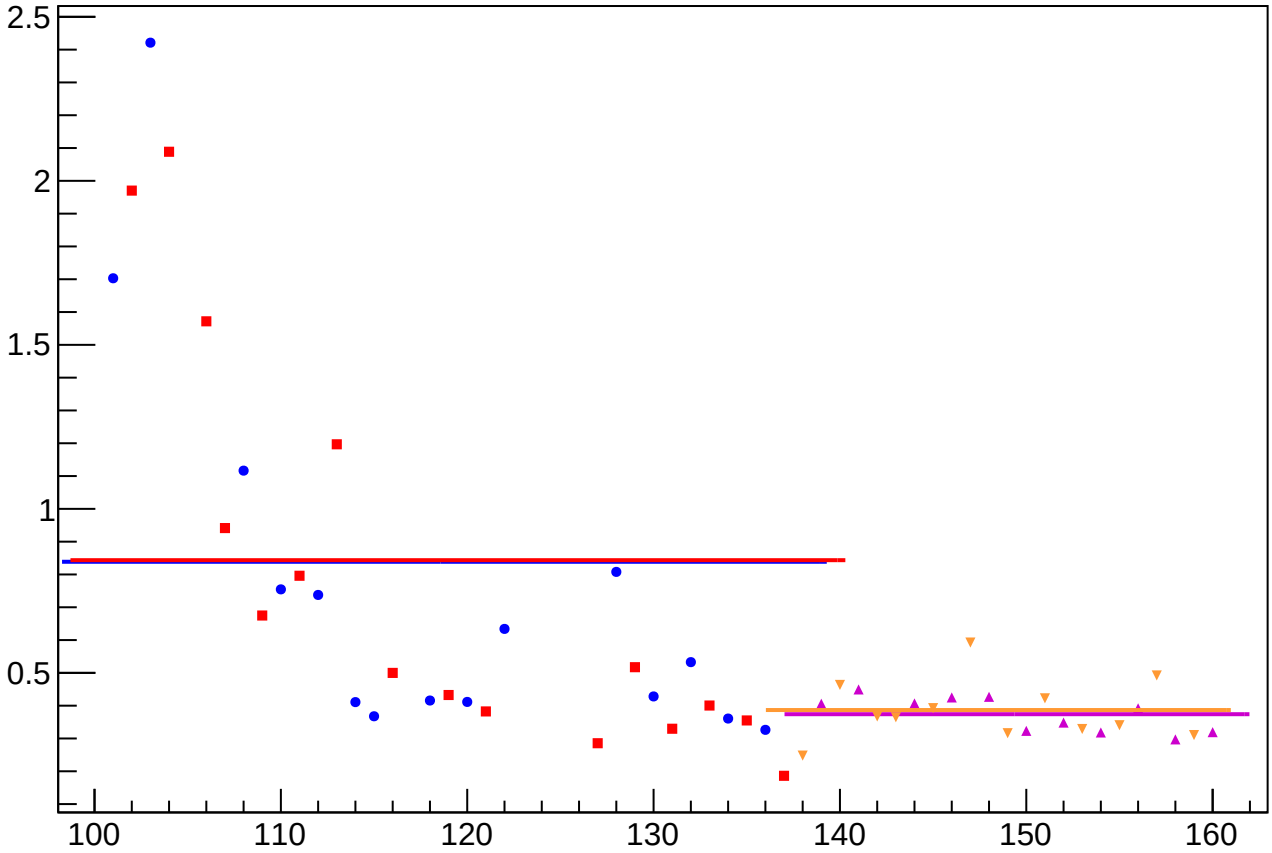
All: 4.029+/-0.000 χ^2/NDF: 2560414246886

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 3.983+/-0.000 χ^2/NDF: 12492685976346881

Left In: 4.102+/-0.000 χ^2/NDF:329978343606173709019066465779712.0/10

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

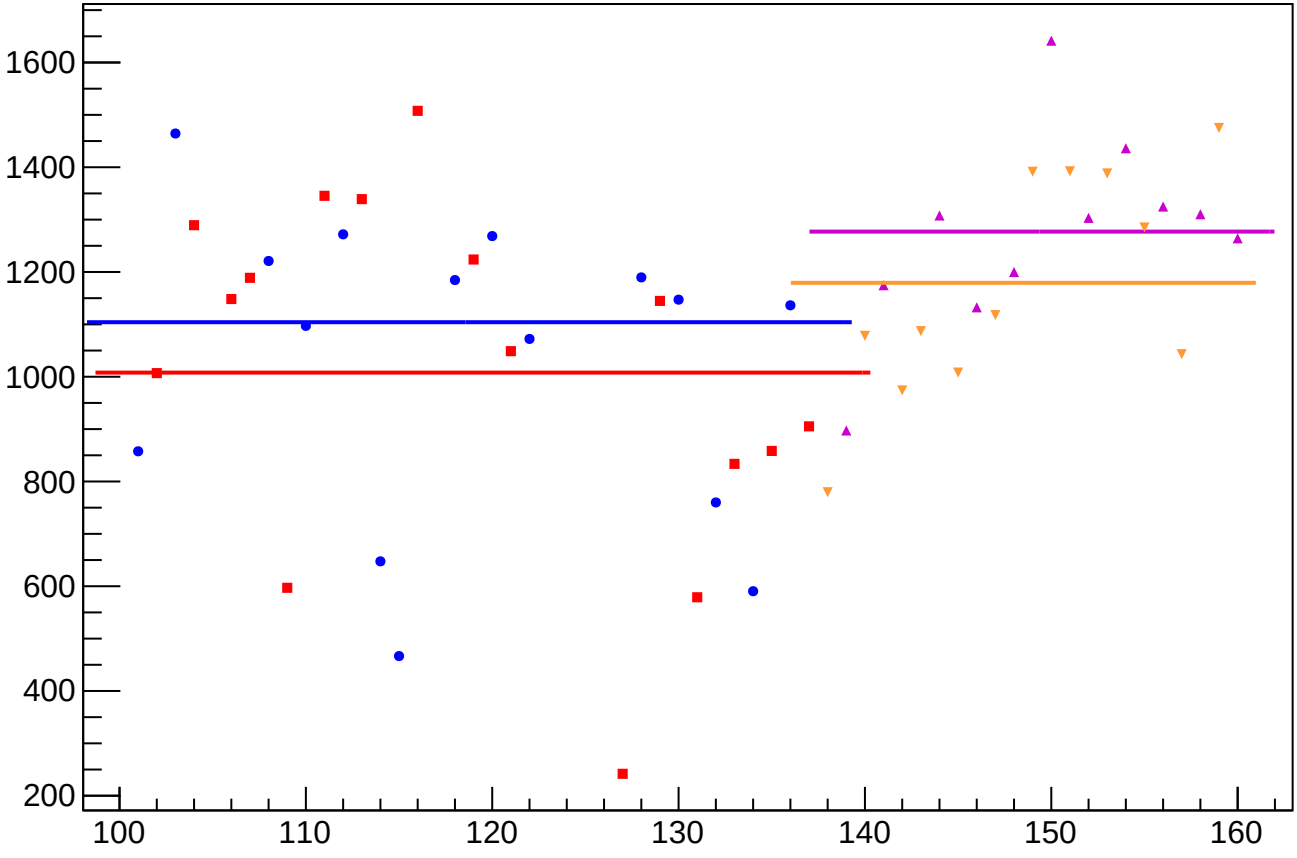
Left In: 0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10

+ sign 0.574+/-0.000 χ^2/NDF: 3436129971052193 9

All: 0.573+/-0.000 χ^2/NDF: 6843499060382 9

- sign 0.571+/-0.000 χ^2/NDF: 3407270582825896 1

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

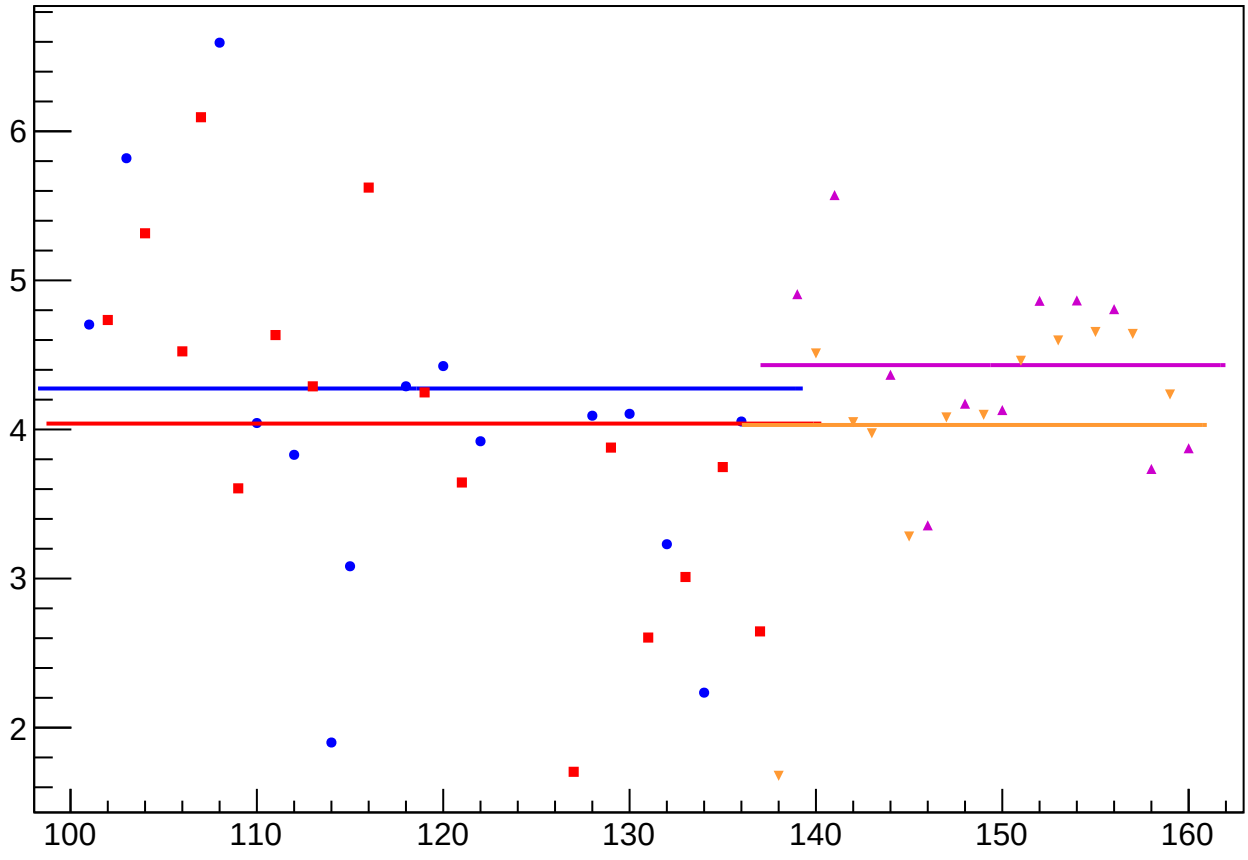
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.132+/-0.000 χ^2/NDF: 1220685145713443 6

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

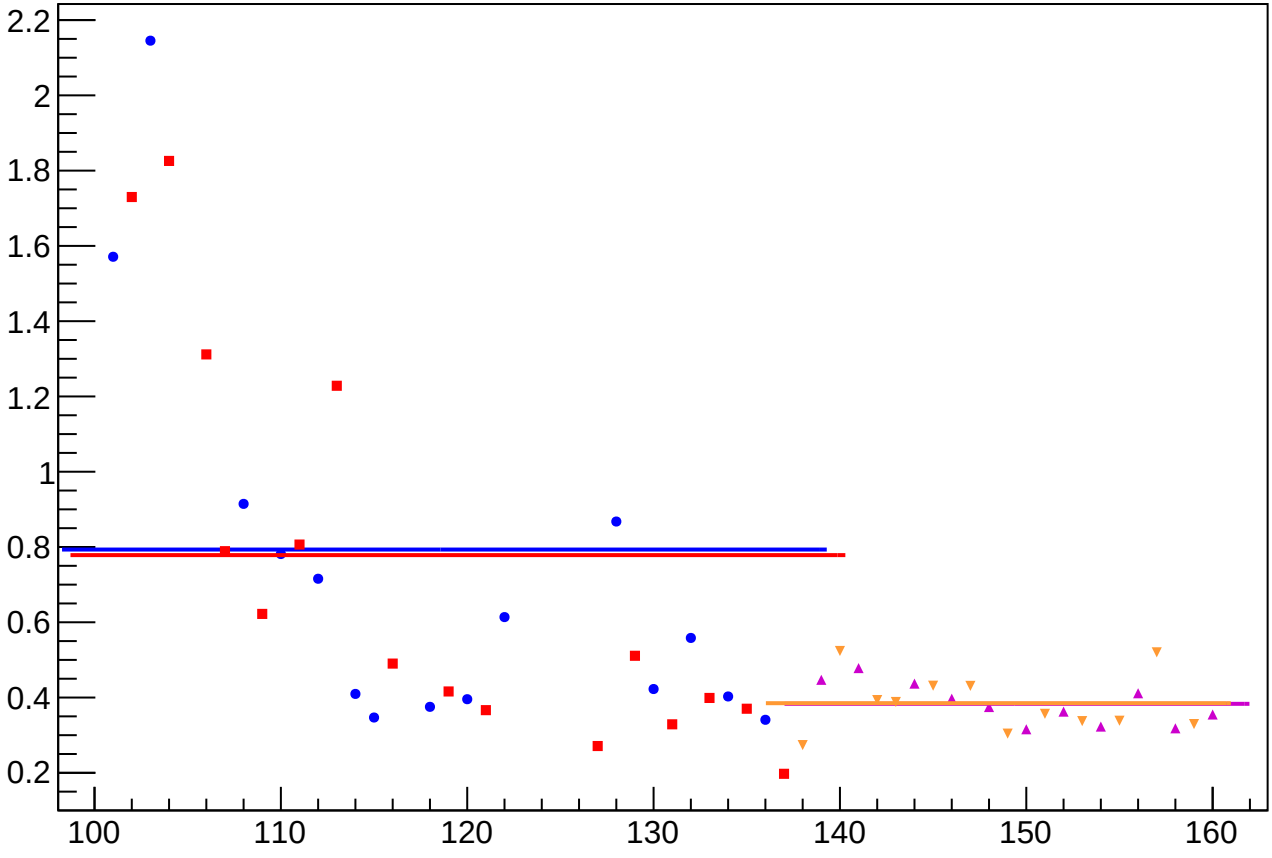
All: 4.200+/-0.000 χ^2/NDF: 2412675813766 7

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.267+/-0.000 χ^2/NDF: 1177531921685944 1

Left In: 4.432+/-0.000 χ^2/NDF:3456027031912457705542103638999 04.0/10

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

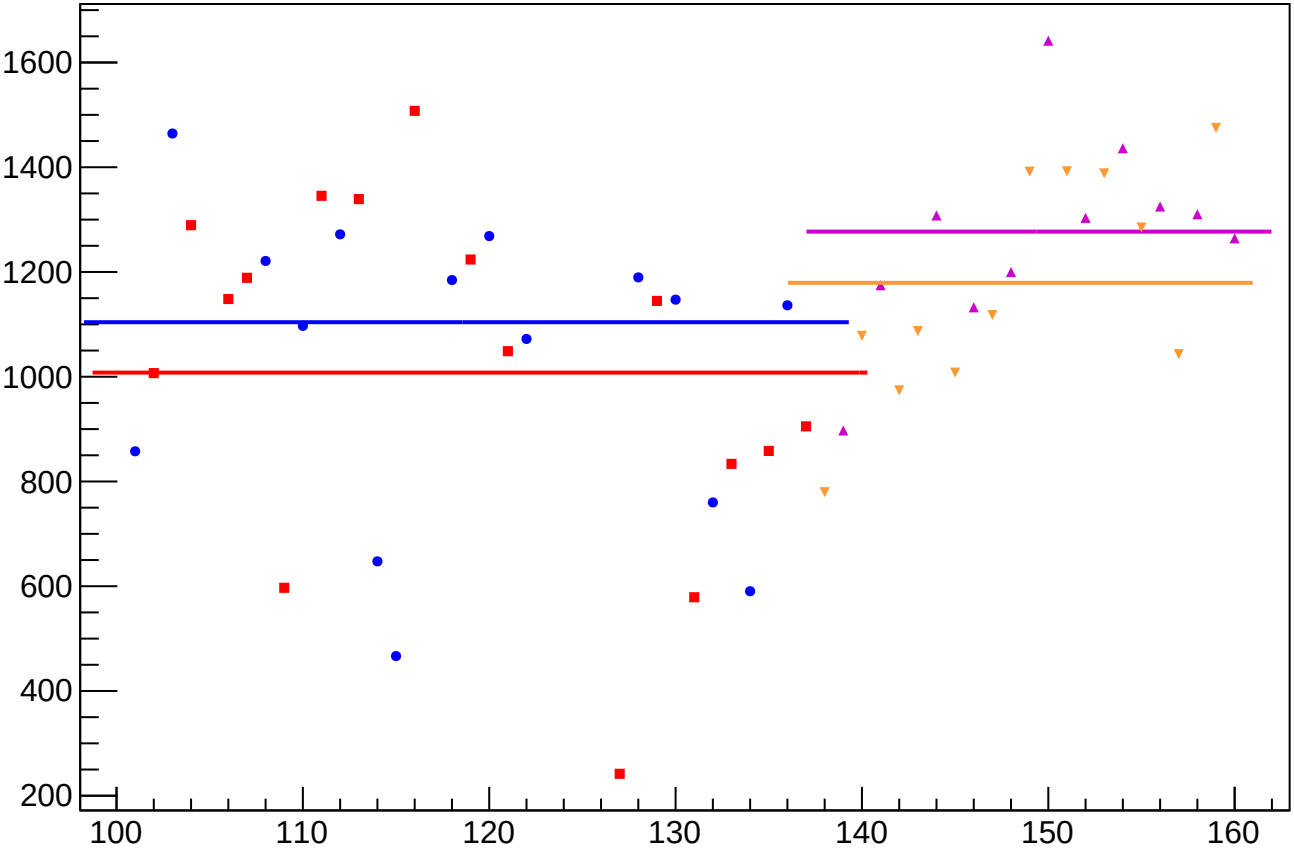
Left In: 0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

+ sign 0.555+/-0.000 χ^2/NDF: 2643049426834441 4

All: 0.552+/-0.000 χ^2/NDF: 5132404474618 2

- sign 0.549+/-0.000 χ^2/NDF: 2489112067555135 9

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

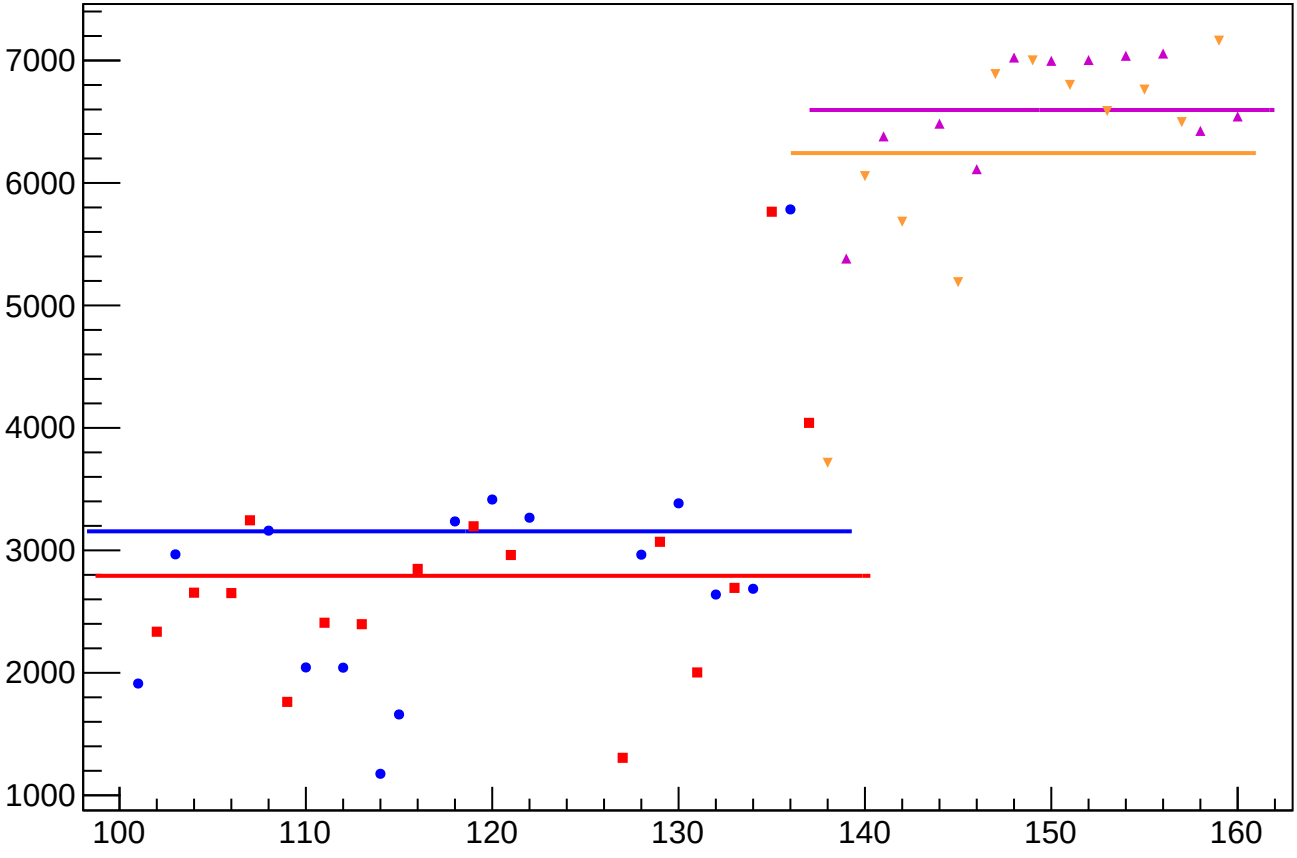
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

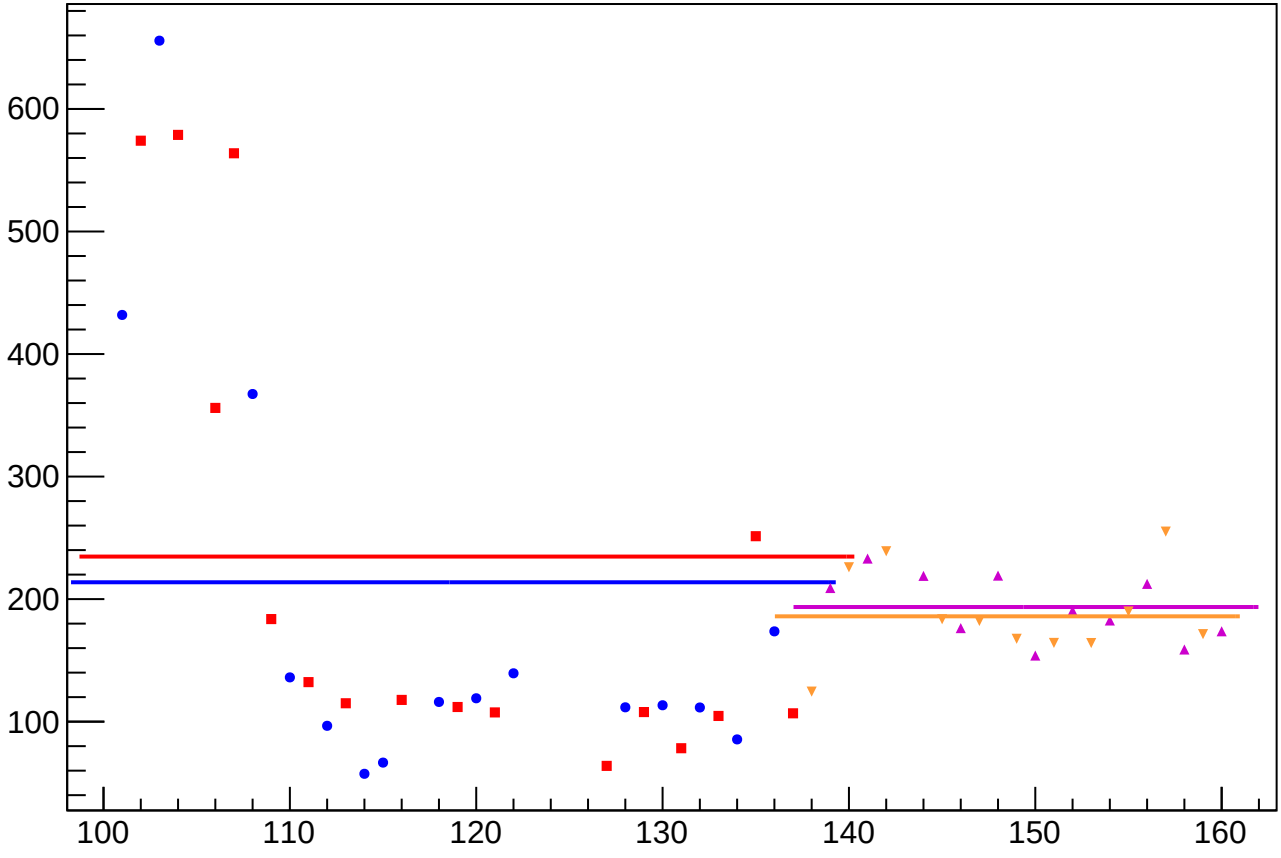
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 4904.094+/-0.000 χ^2/NDF: 5219905519313 5
Left Out: 6243.976+/-0.000 χ^2/NDF:8112307861683783027801391656887113482 24.0/10
All: 4954.171+/-0.000 χ^2/NDF: 1173127883 1
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 5001.259+/-0.000 χ^2/NDF: 65040940380317
Left Out: 6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640 93696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 197181381090540021143611498605072875 52.0/14

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

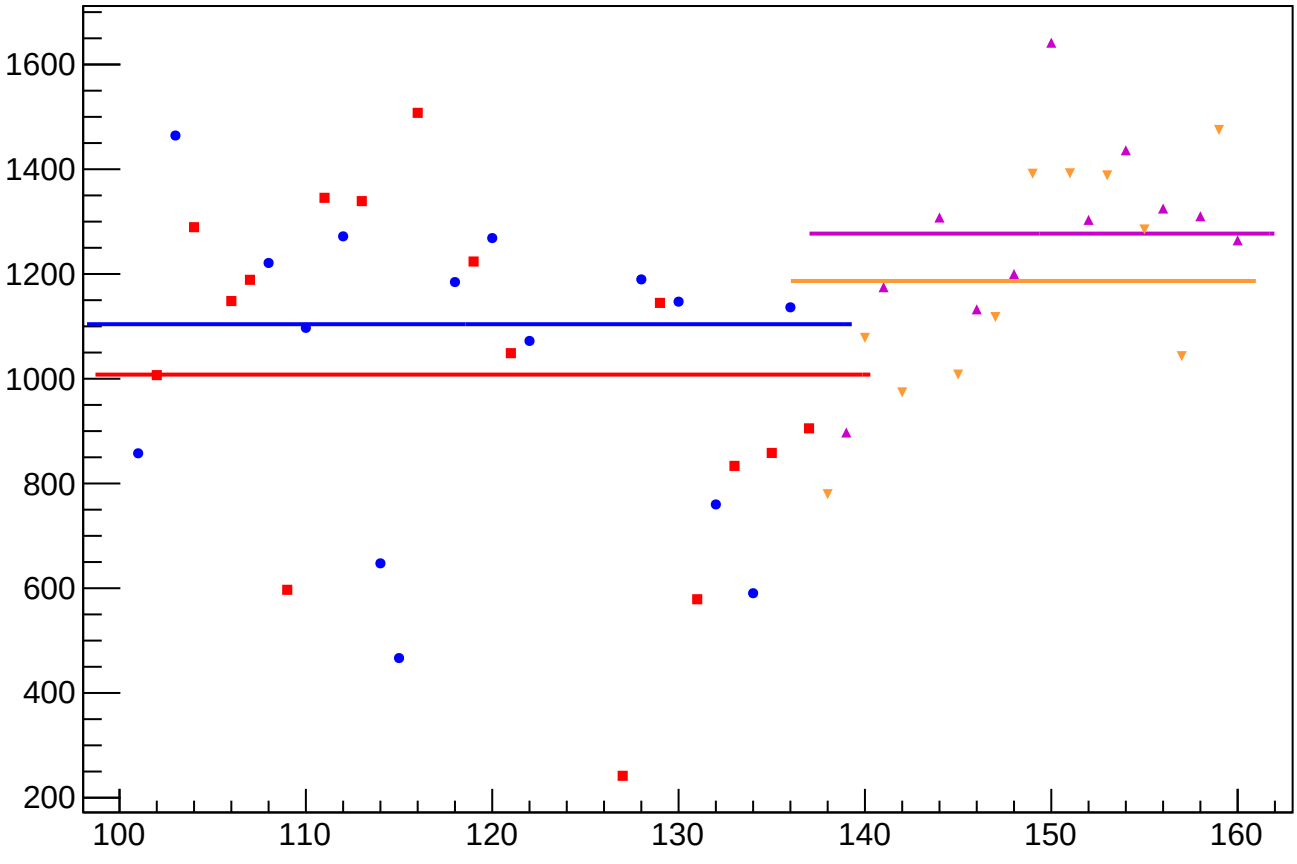
Left In: 193.543+/-0.000 χ^2/NDF:598931150644293332680217057881489408.0/10

+ sign 198.004+/-0.000 χ^2/NDF: 21059649970199 0

All: 204.600+/-0.000 χ^2/NDF: 46454573785 3

- sign 210.803+/-0.000 χ^2/NDF: 252686308073901

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

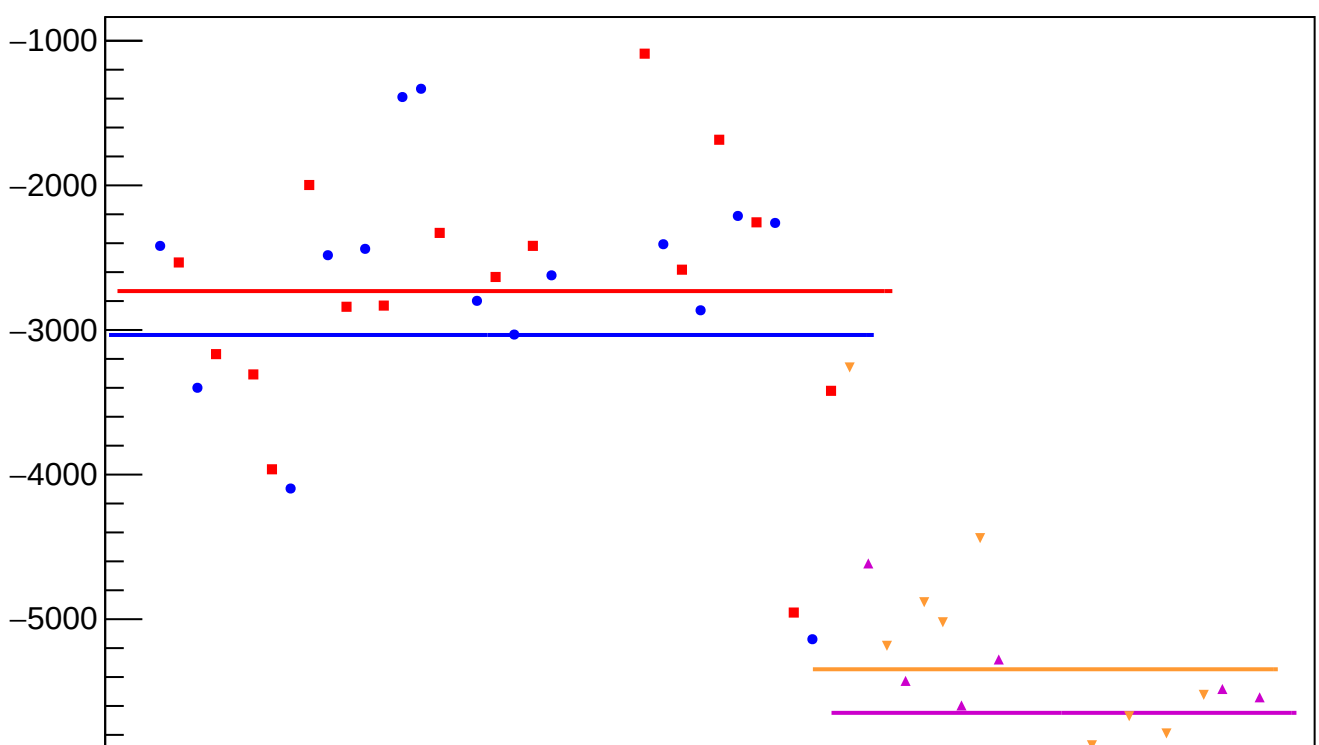
Left In: 1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

+ sign 1150.834+/-0.000 χ^2/NDF: 7336754837783

All: 1157.745+/-0.000 χ^2/NDF: 2002333714

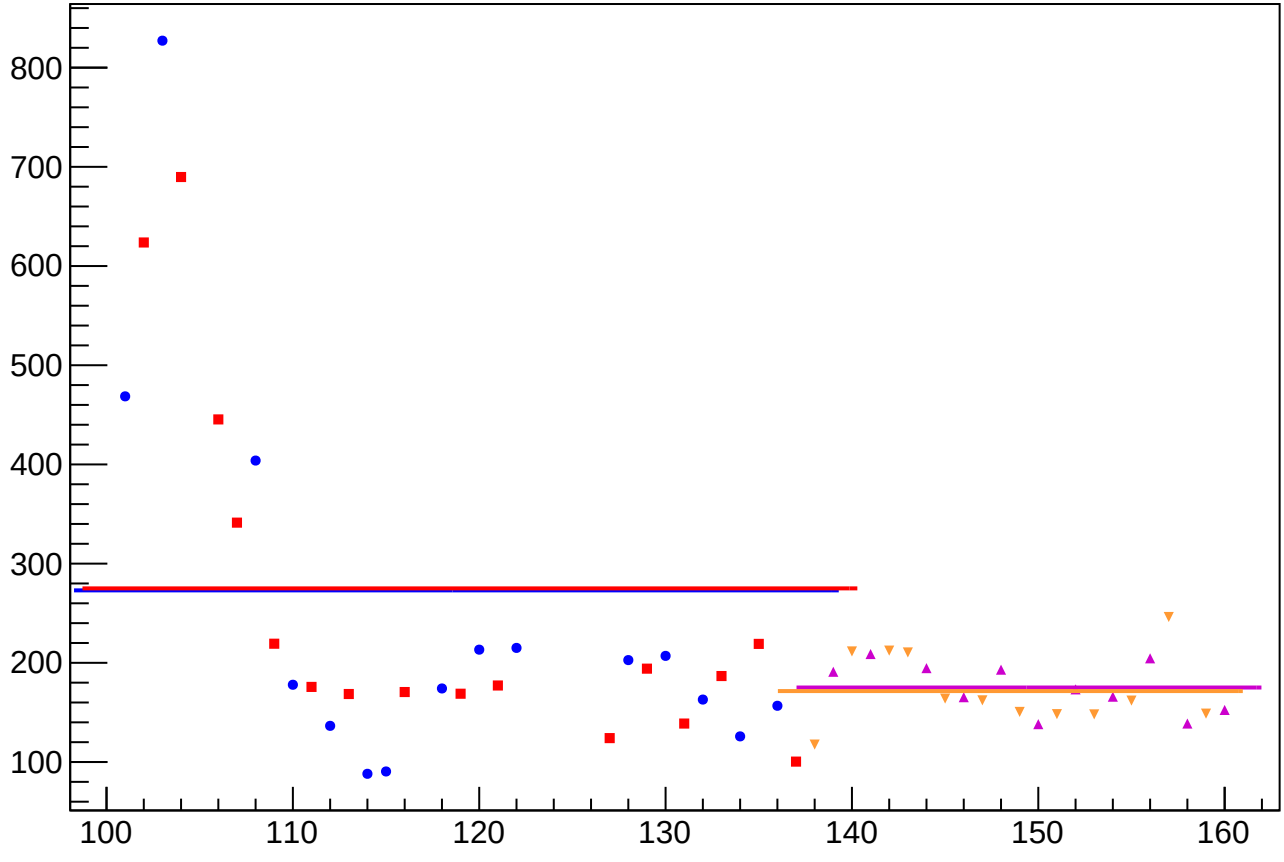
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14
+ sign -4386.382+/-0.000 χ^2/NDF: 3254755460990
Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11
All: -4405.811+/-0.000 χ^2/NDF: 7243621292
Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15
- sign -4424.898+/-0.000 χ^2/NDF: 39876961959136
Left In: -5647.632+/-0.000 χ^2/NDF:1642143129080356452151263569354917150 72.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

Right Out: 275.044+/-0.000 χ^2/NDF: 222647600887529017925618929916570501 12.0/15

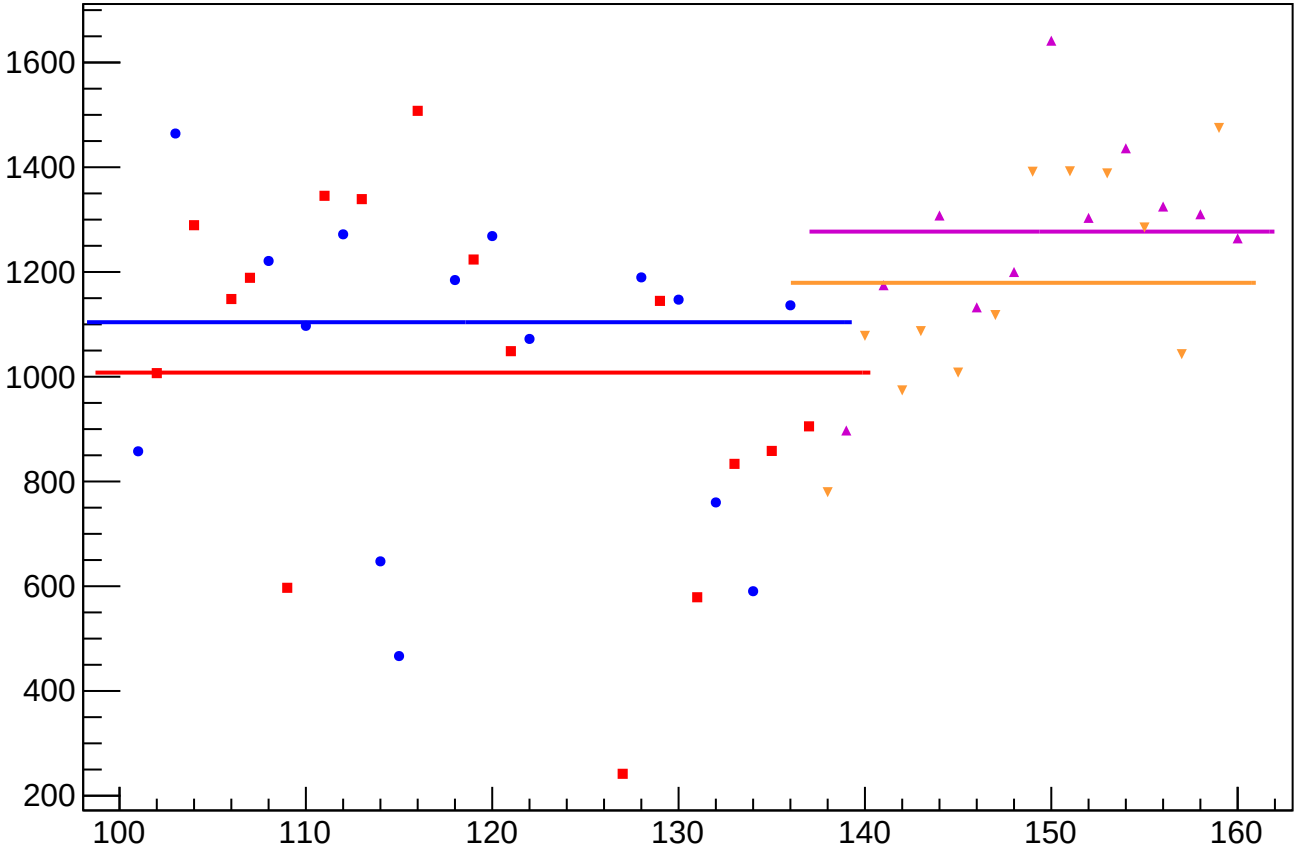
Left In: 175.100+/-0.000 χ^2/NDF:532319905760316522814470909096624128.0/10

+ sign 213.672+/-0.000 χ^2/NDF: 31559661573159 6

All: 215.351+/-0.000 χ^2/NDF: 5823479178 10

- sign 217.000+/-0.000 χ^2/NDF: 266663969074785

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

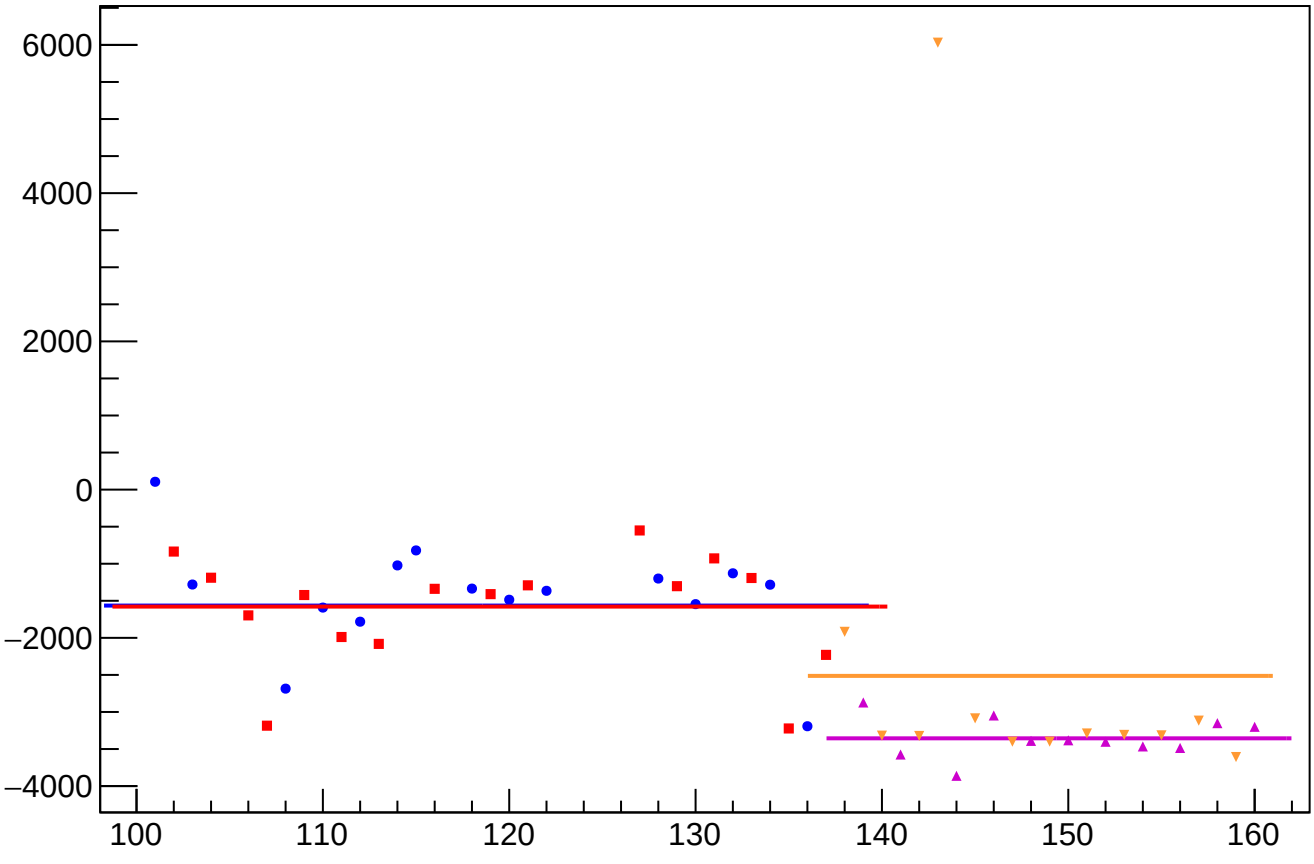
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

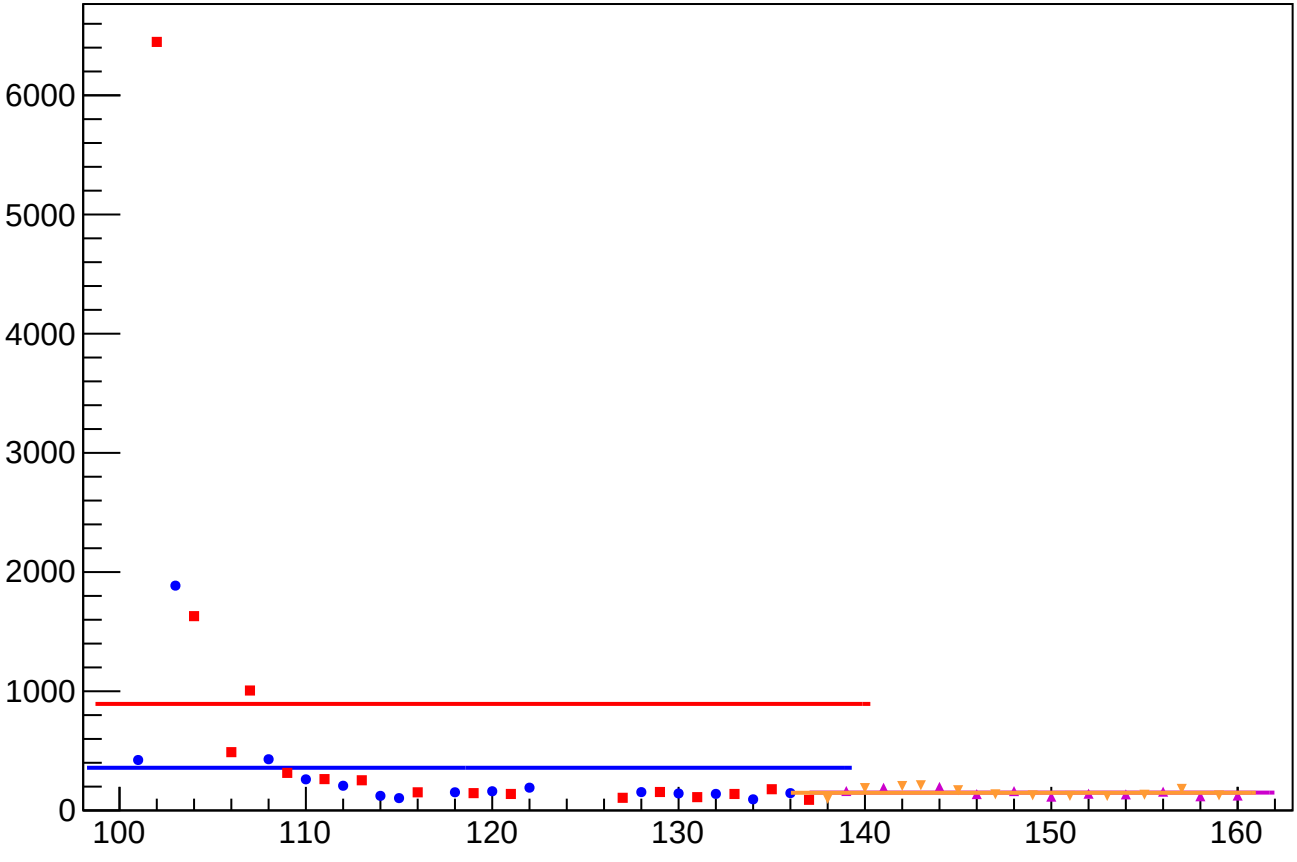
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -2119.303+/-0.000 χ^2/NDF: 6256498974115
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
All: -2367.087+/-0.000 χ^2/NDF: 8100740550
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2610.511+/-0.000 χ^2/NDF: 1654003244515 9
Left In: -3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14

+ sign 235.441+/-0.000 χ^2/NDF: 17570532501070 5

Left Out: 148.359+/-0.000 χ^2/NDF:1090286331733366082581256970807803904.0/11

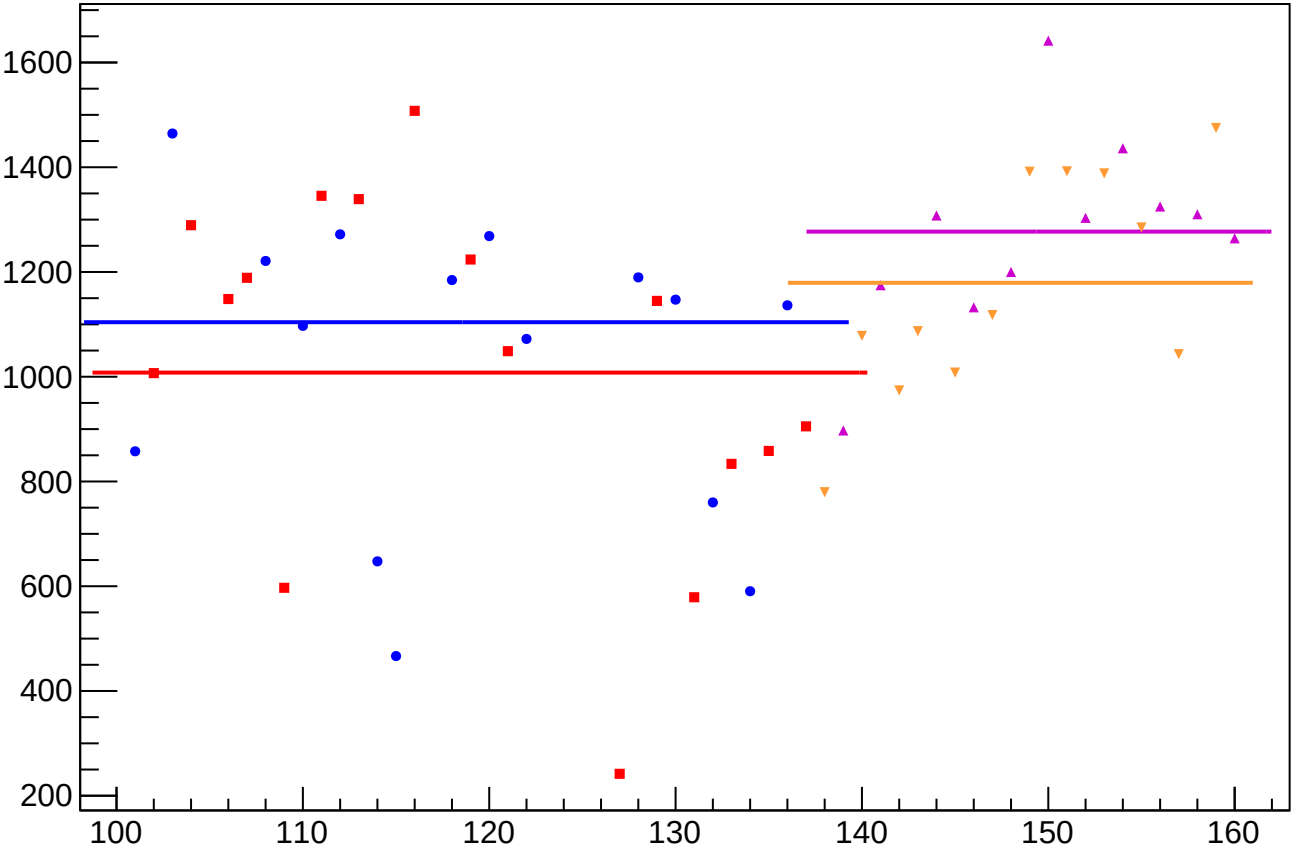
All: 349.608+/-0.000 χ^2/NDF: 2507121059 72

Right Out: 893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15

- sign 461.767+/-0.000 χ^2/NDF: 229102929368244

Left In: 149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

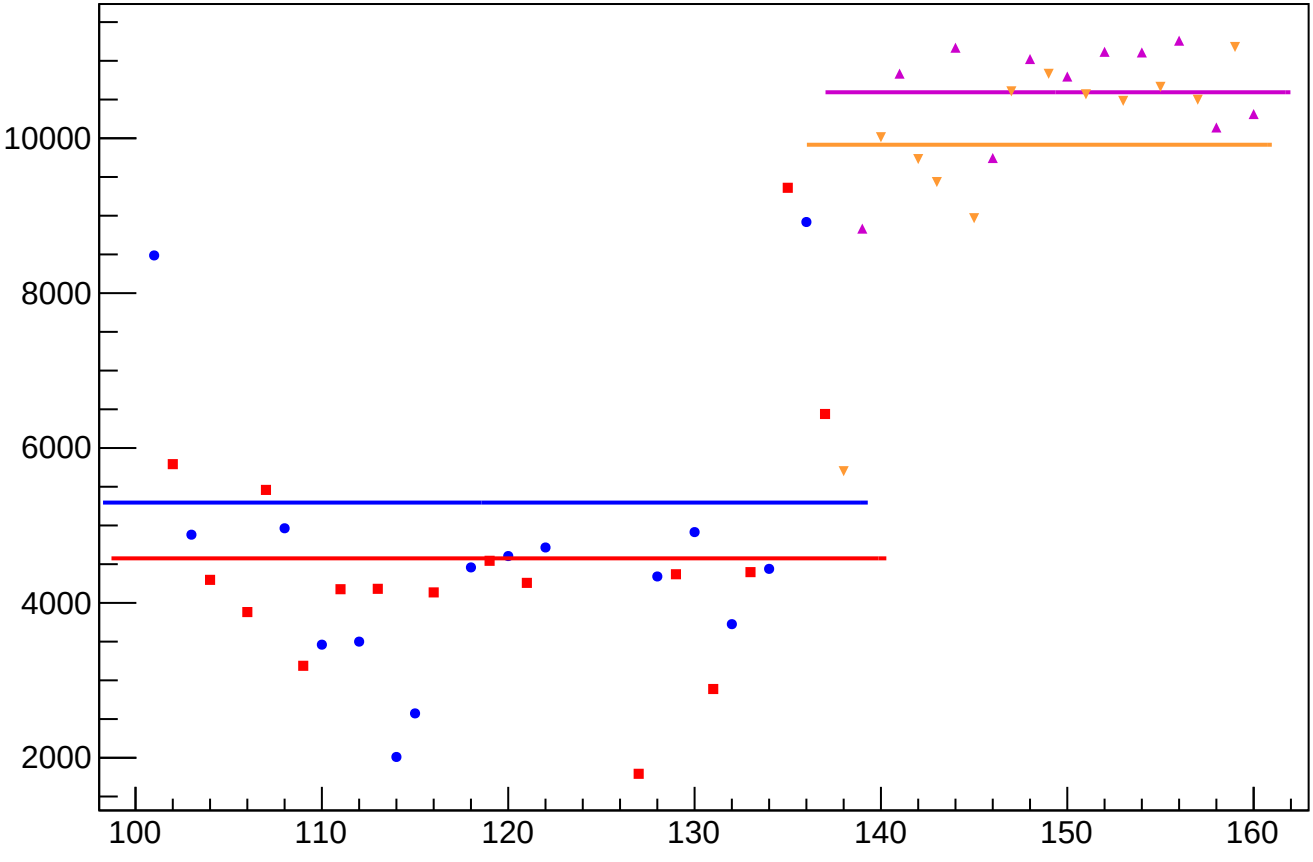
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

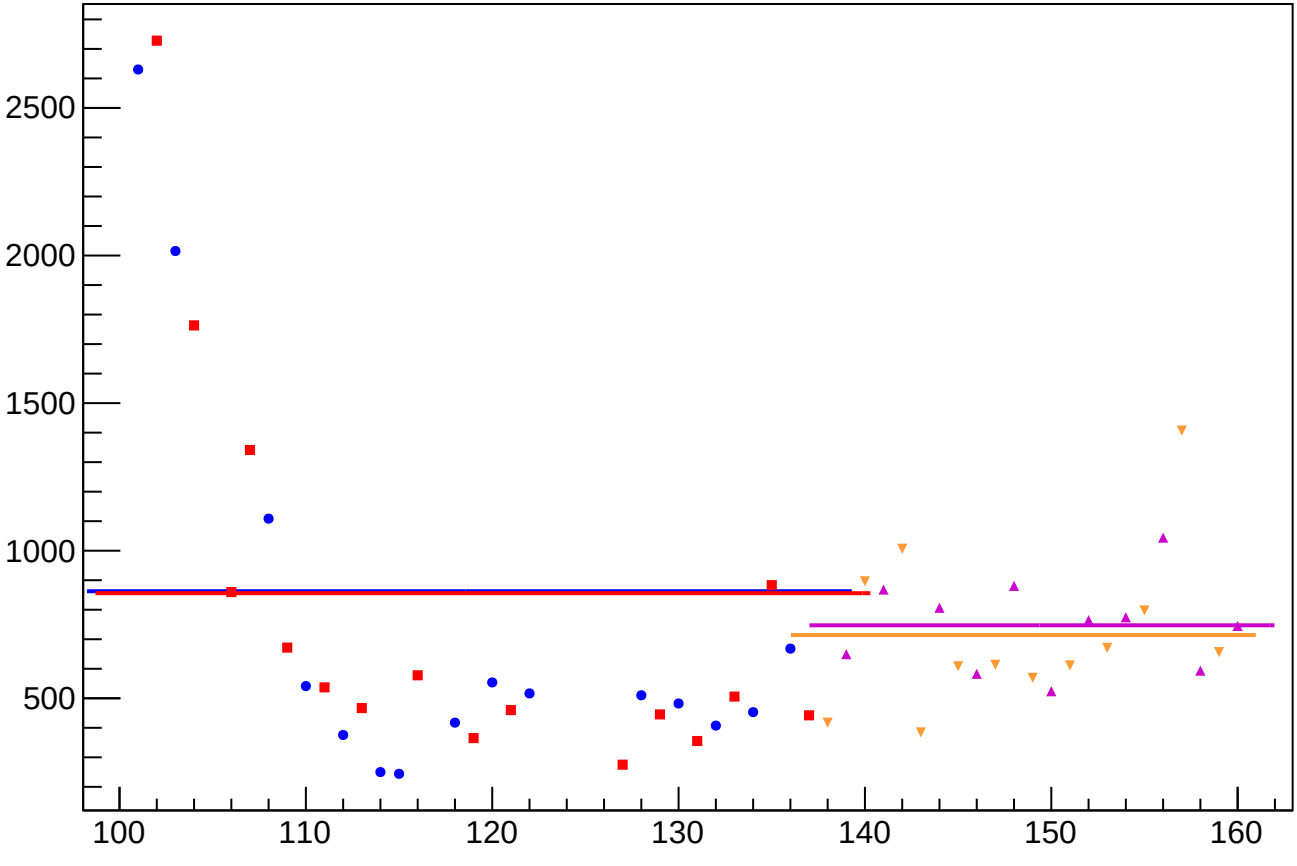
Left In: 10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

+ sign 7997.682+/-0.000 χ^2/NDF: 1245021204237 8

All: 8034.568+/-0.000 χ^2/NDF: 2882072003 4

- sign 8070.804+/-0.000 χ^2/NDF: 16366292406753

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

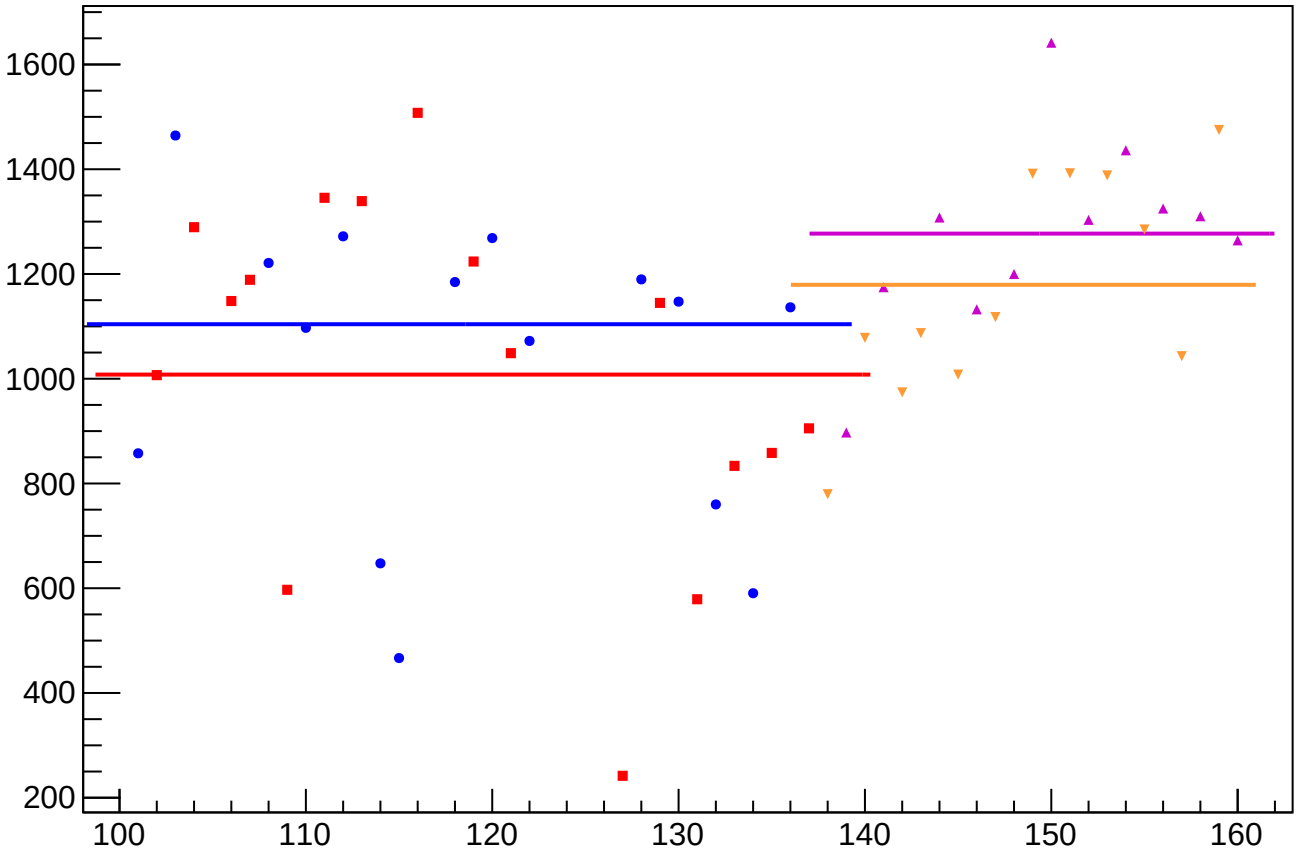
Left In: 747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10

+ sign 775.866+/-0.000 χ^2/NDF: 409985766107580

All: 784.449+/-0.000 χ^2/NDF: 7616721952 37

- sign 792.881+/-0.000 χ^2/NDF: 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

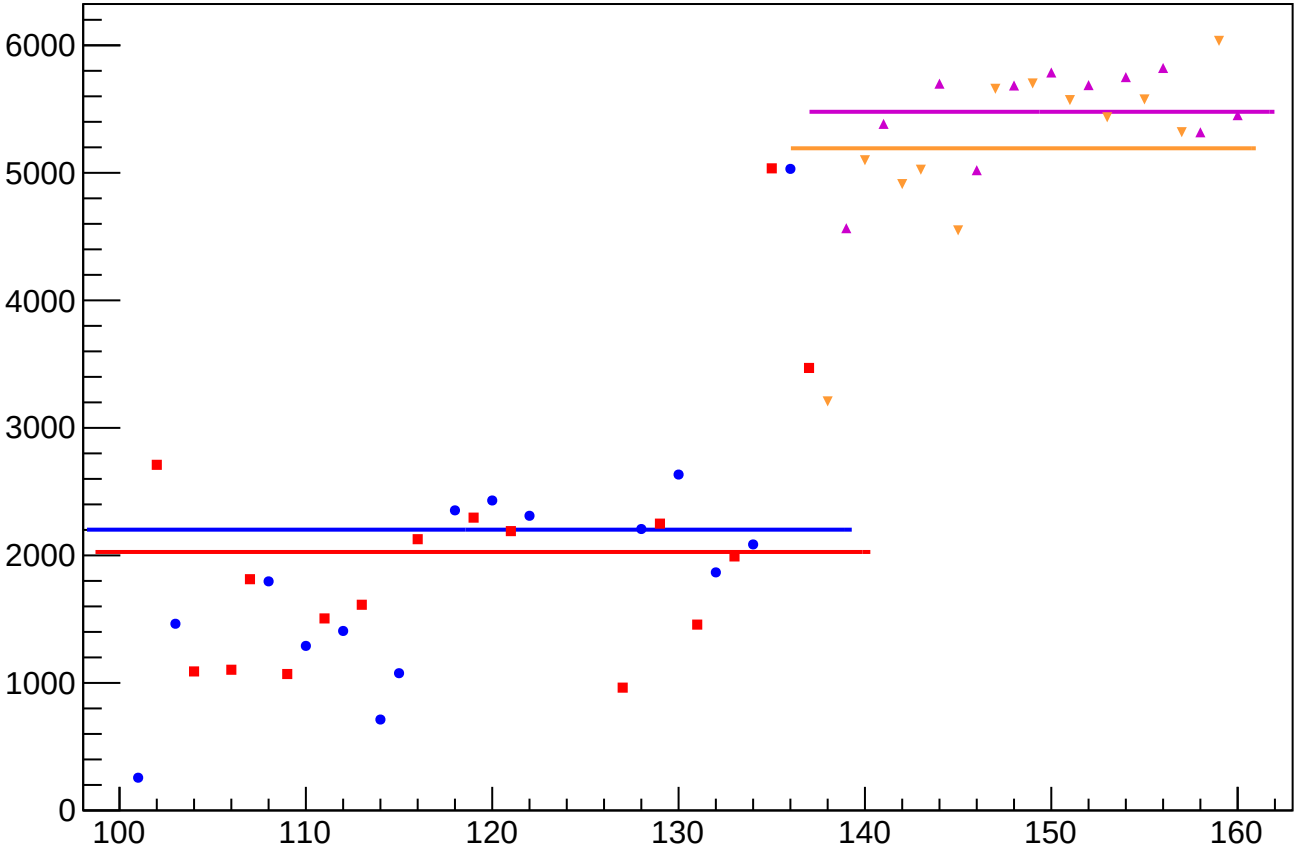
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

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: 4951222150241

Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11

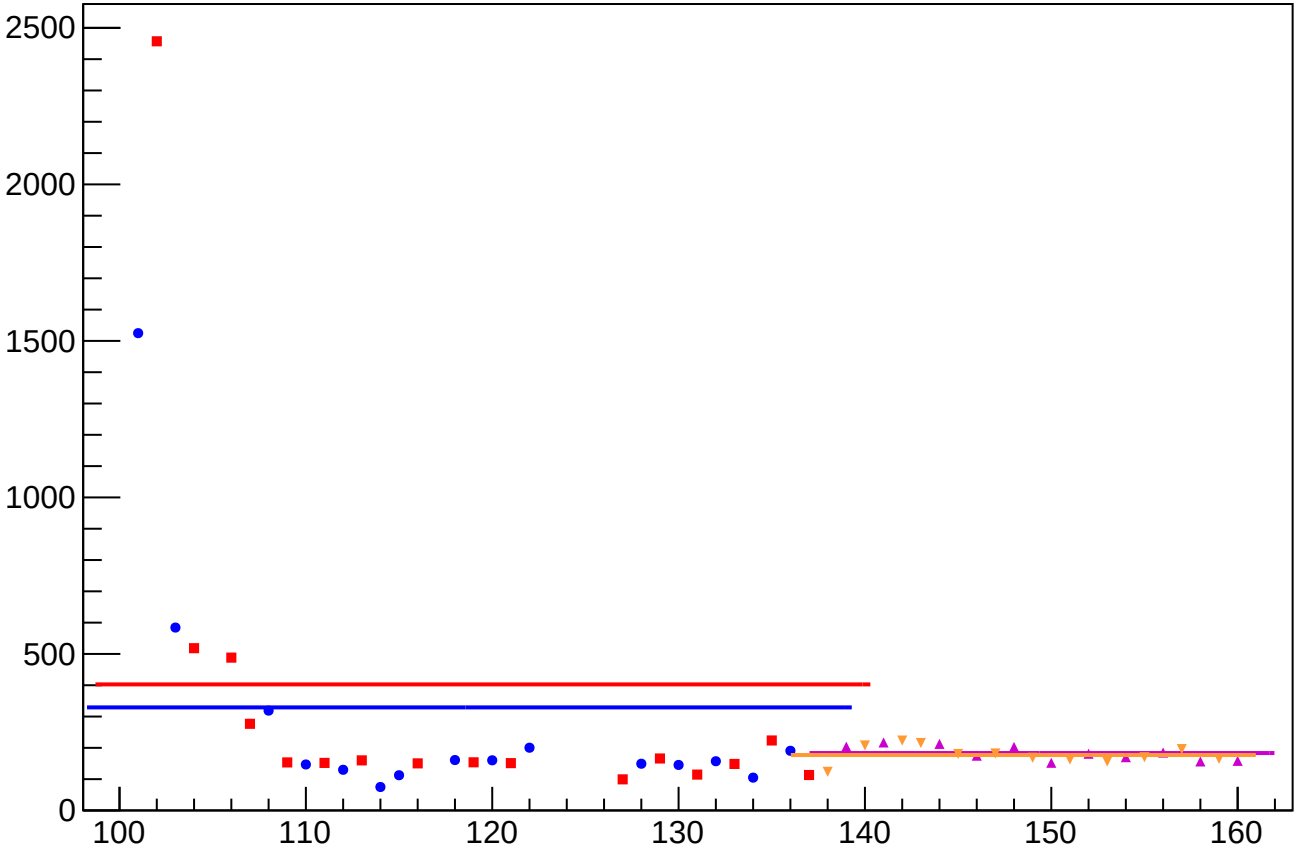
All: 3991.515+/-0.000 χ^2/NDF: 1040455023

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 4031.627+/-0.000 χ^2/NDF: 5448162434536 3

Left In: 5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

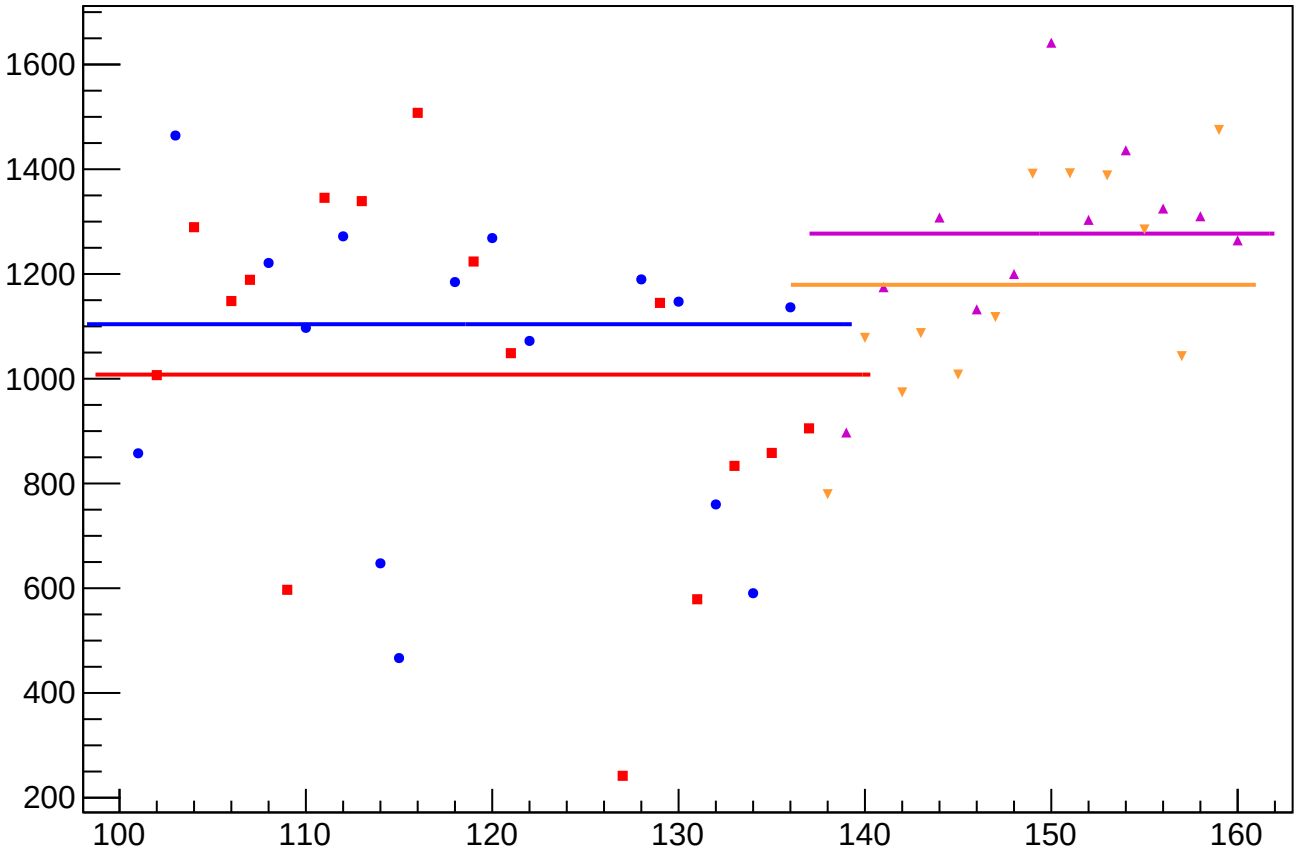
Left In: 183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

+ 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: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

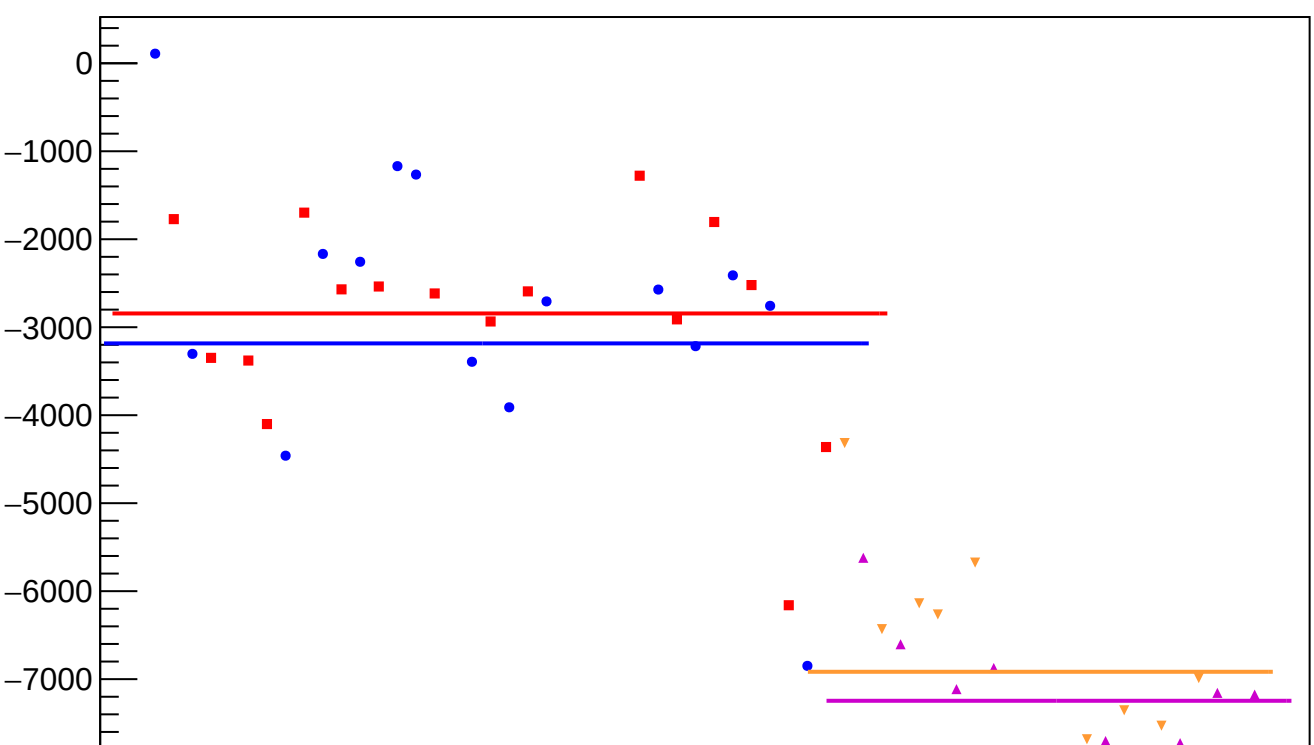
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

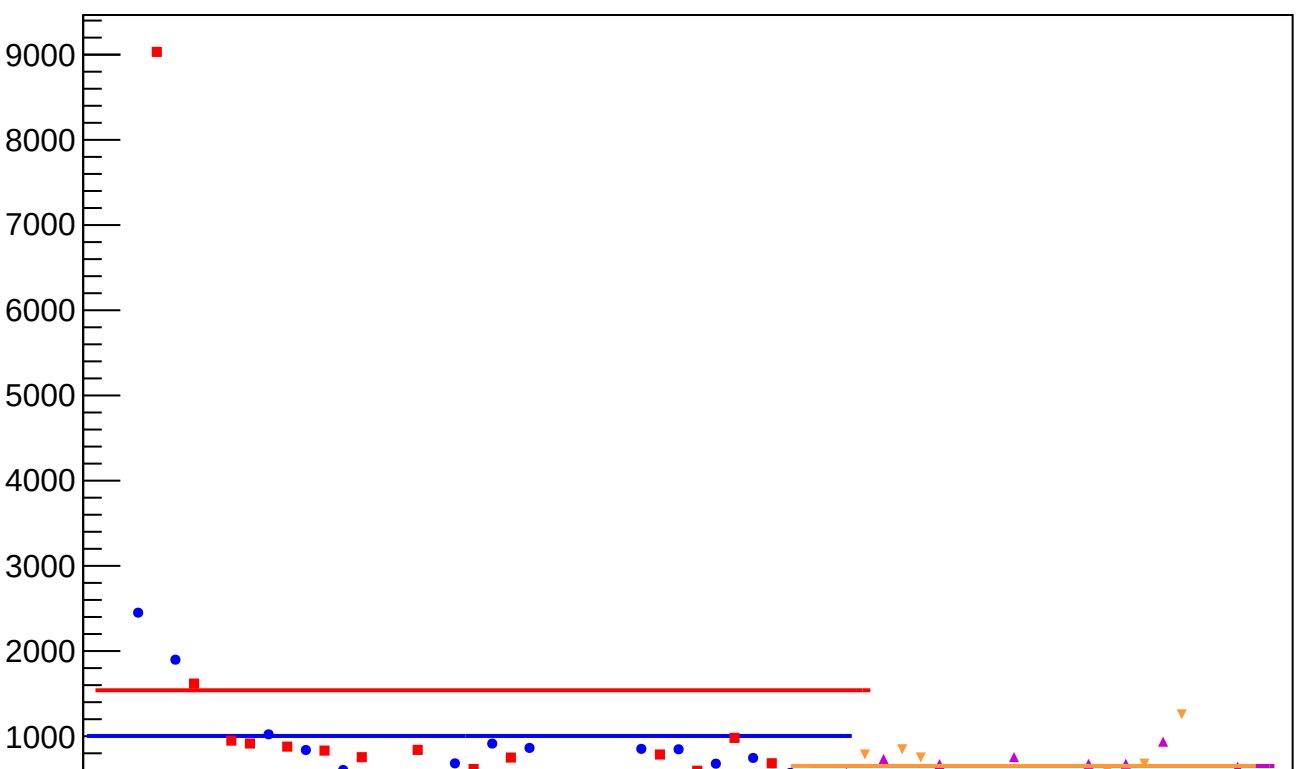
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr2_coil3_mean vs Slug



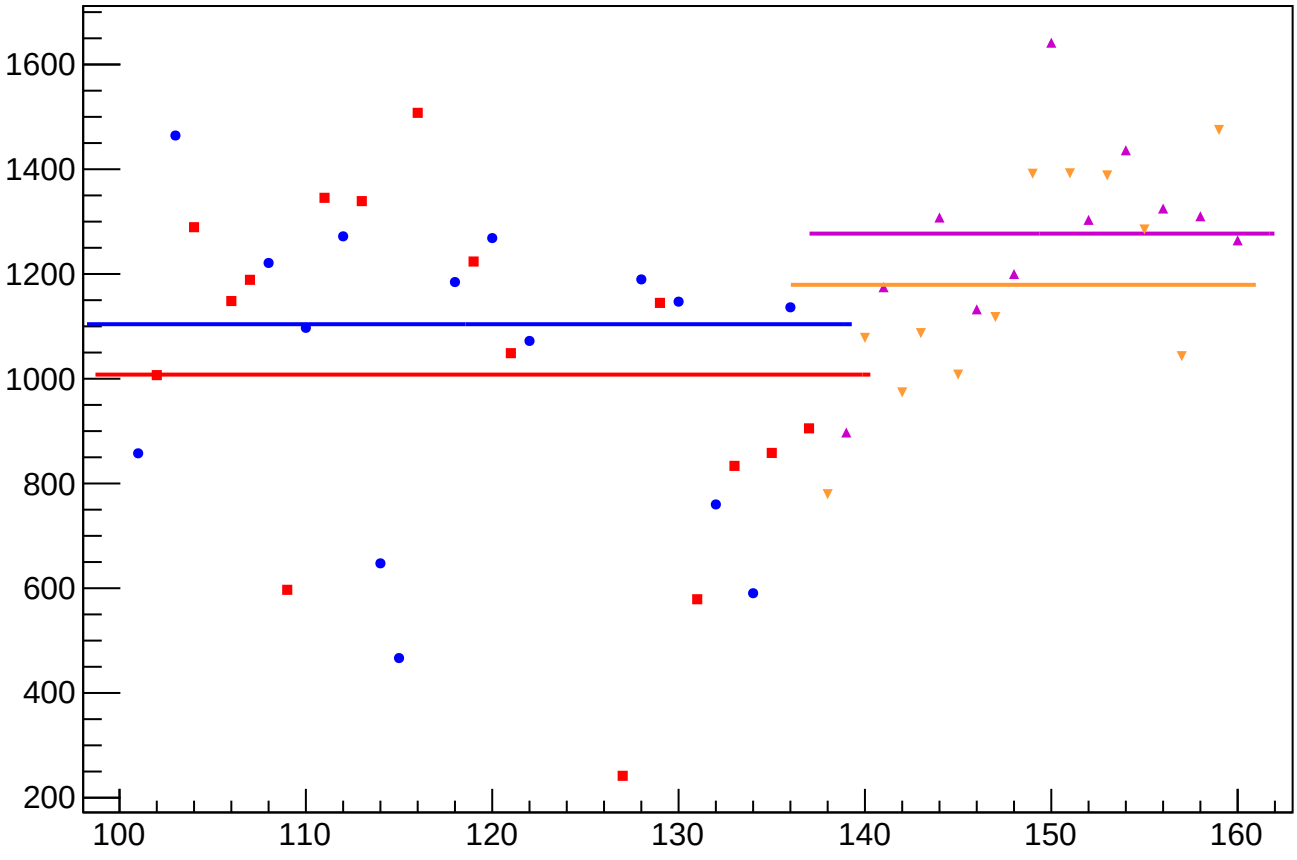
Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -5366.500+/-0.000 χ^2/NDF: 8538549854874
Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11
All: -5383.560+/-0.000 χ^2/NDF: 1739572201
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
- sign -5400.320+/-0.000 χ^2/NDF: 8856270344208
Left In: -7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

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:455794167001883893408997837934973419 52.0/11
All: 911.528+/-0.000 χ^2/NDF: 428810018271
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1023.383+/-0.000 χ^2/NDF: 39355602156889
Left In: 650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

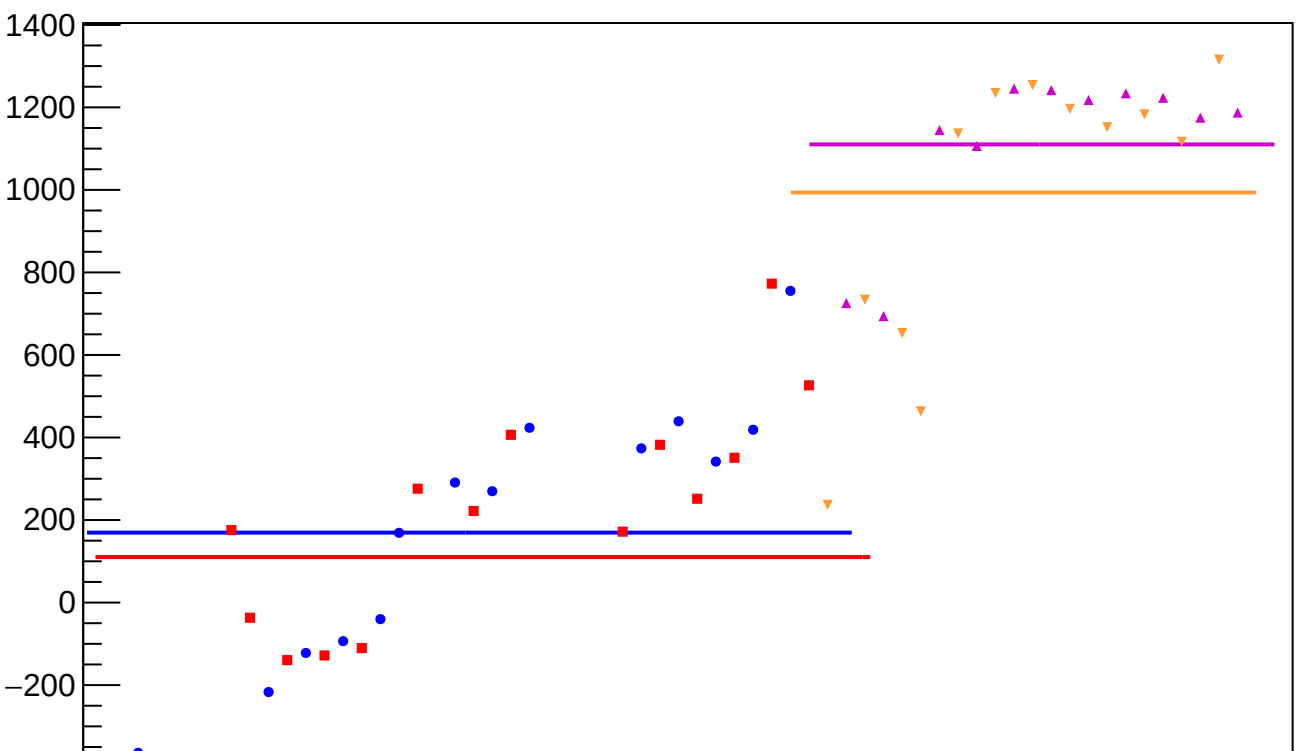
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

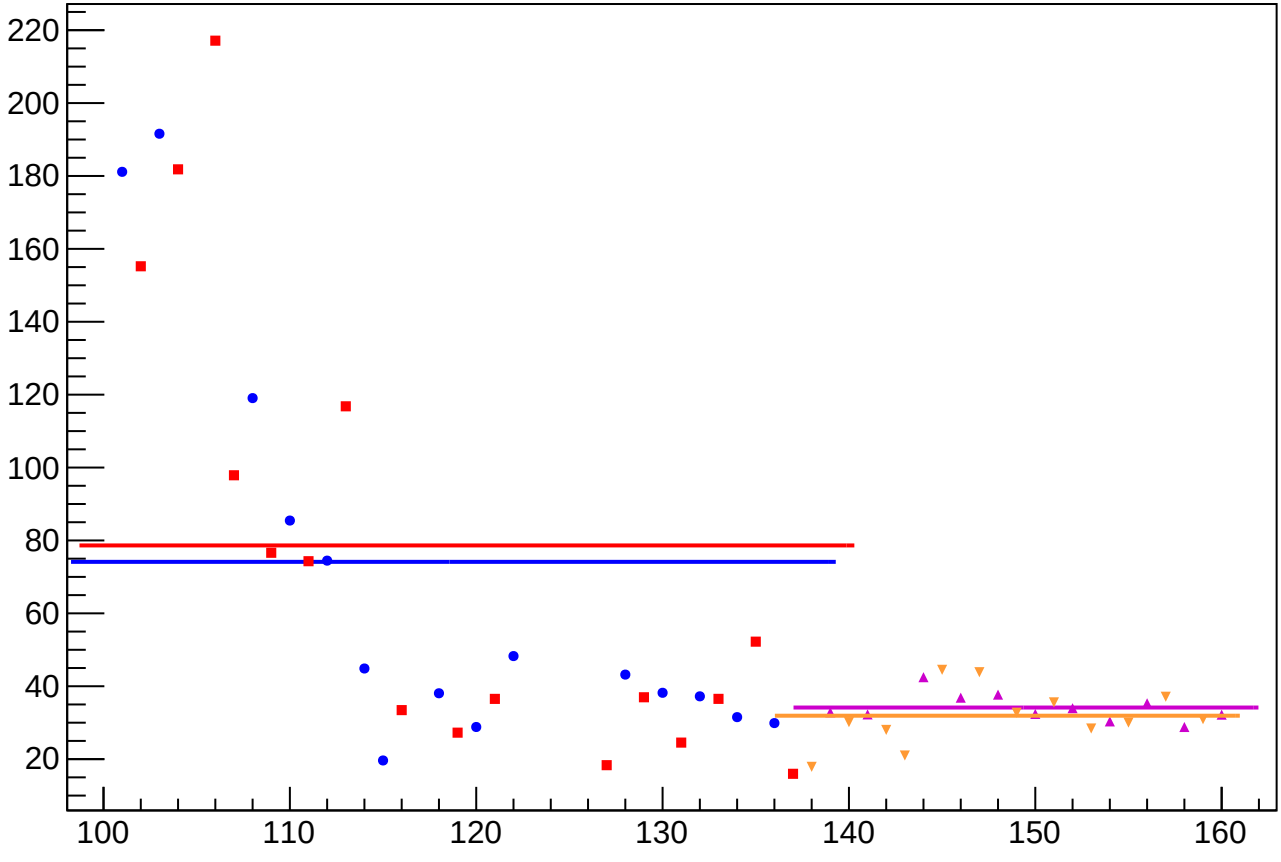
Left In: 1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

+ sign 651.454+/-0.000 χ^2/NDF: 457110601754155

All: 671.406+/-0.000 χ^2/NDF: 95149930692 5

- sign 691.006+/-0.000 χ^2/NDF: 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

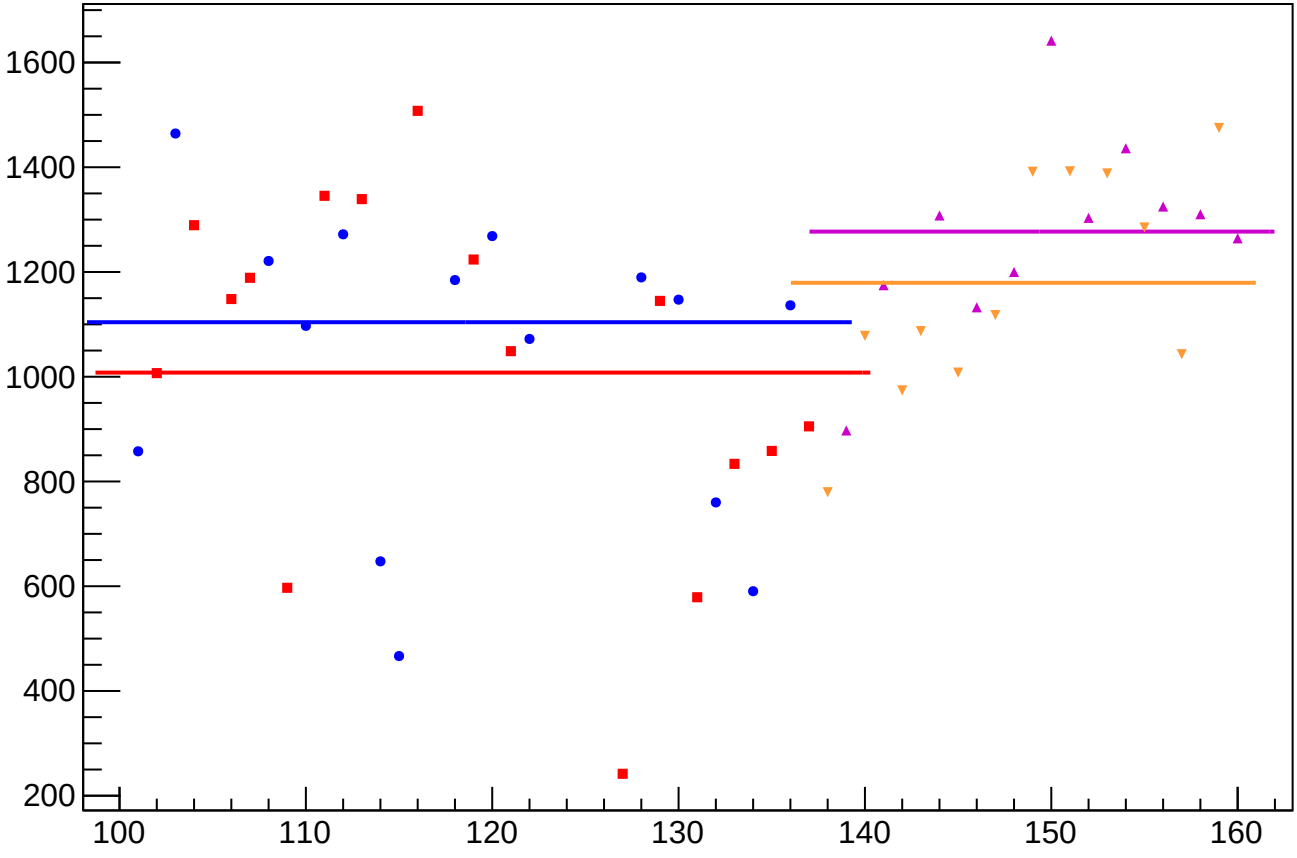
Left In: 34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

+ sign 49.444+/-0.000 χ^2/NDF: 2897043511629601

All: 51.139+/-0.000 χ^2/NDF: 602792654960 6

- sign 52.804+/-0.000 χ^2/NDF: 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

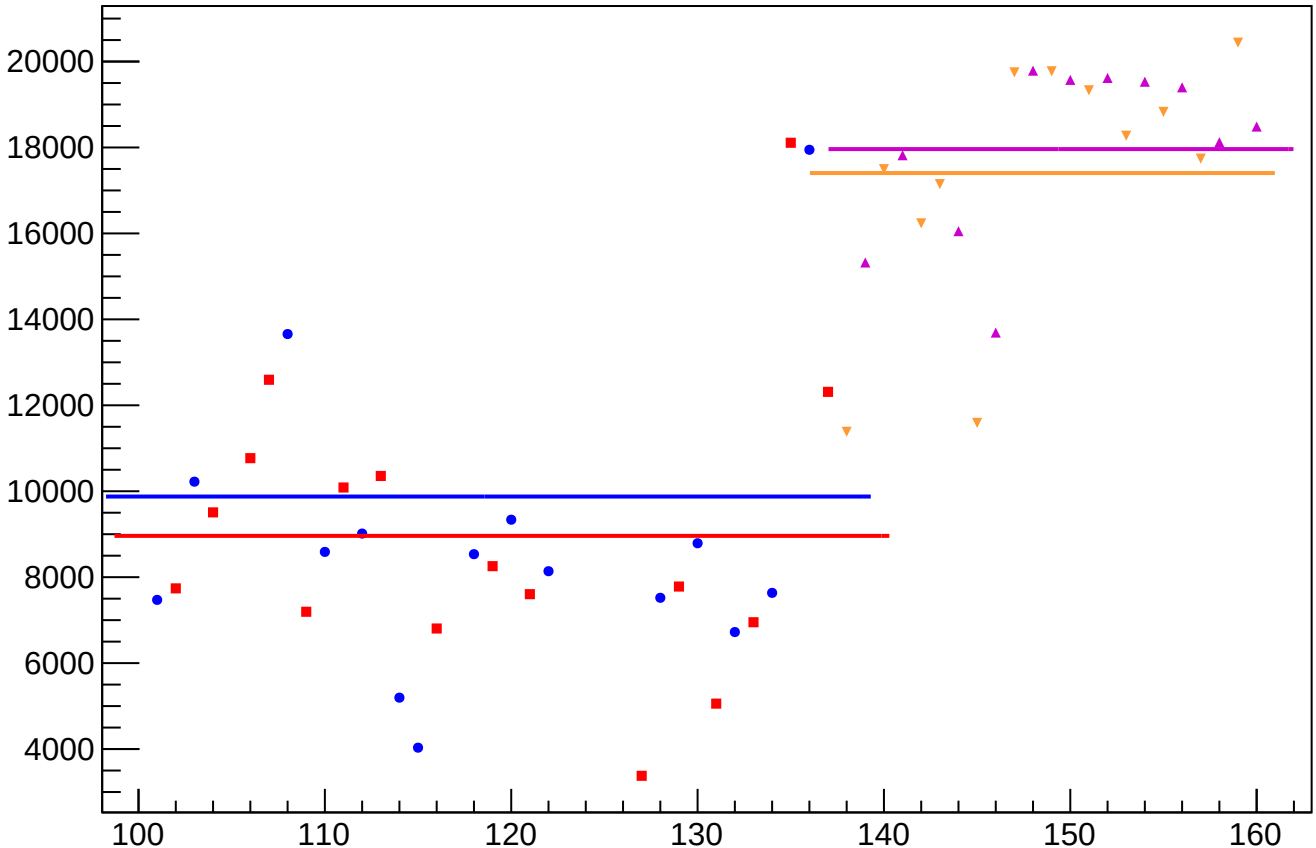
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

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

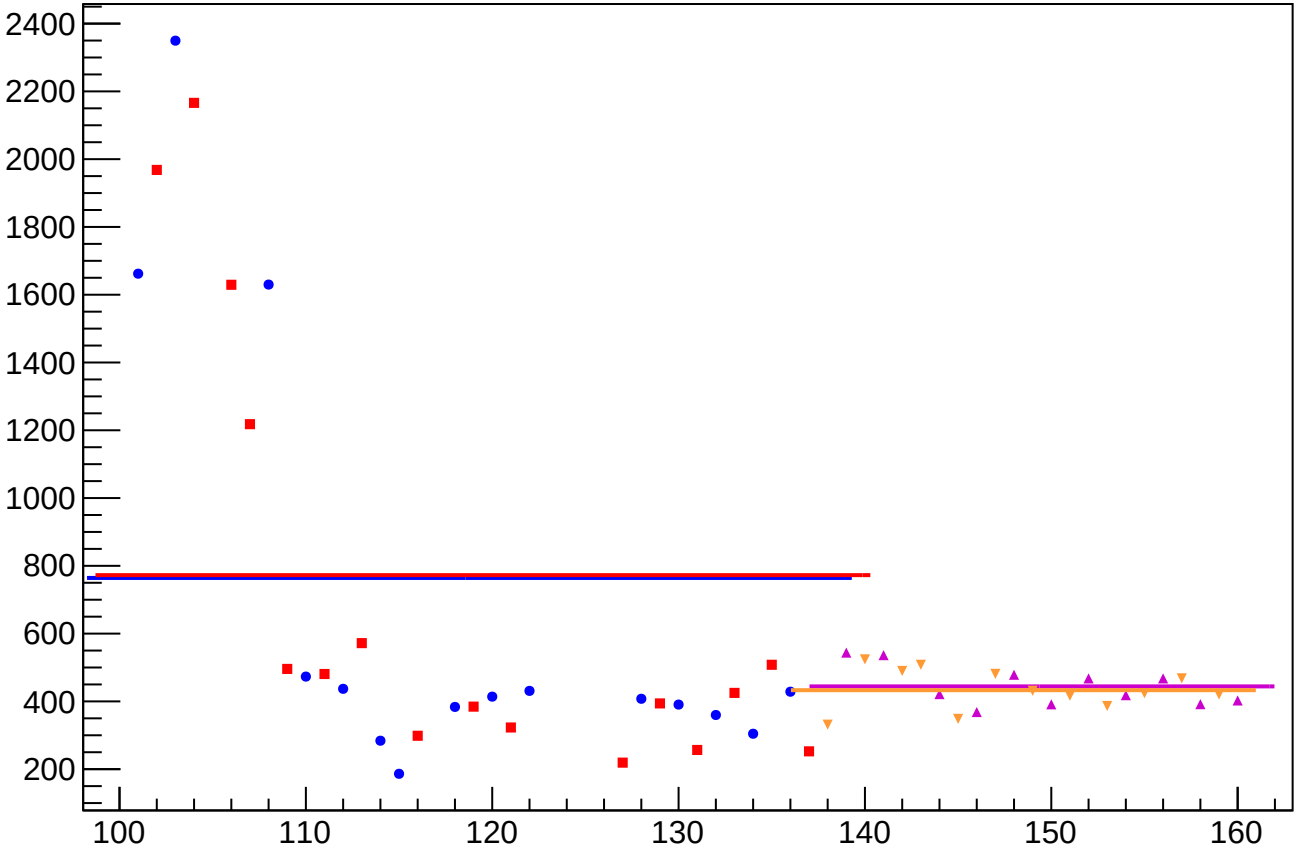
All: 14233.622+/-0.000 χ^2/NDF: 8022211512

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: 2909647580582694800050672050200305991 68.0/14

+ sign 570.604+/-0.000 χ^2/NDF: 335667061264854

Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11

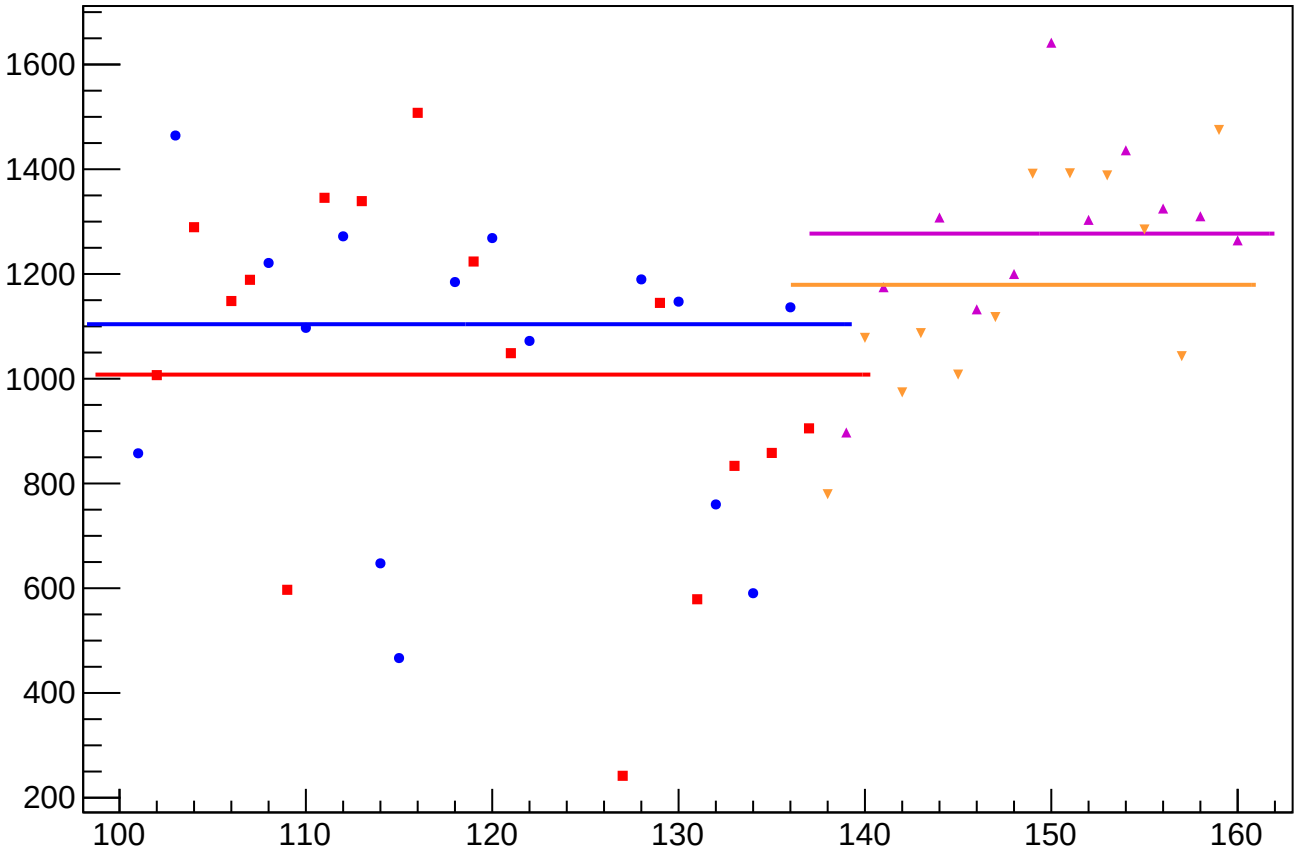
All: 576.292+/-0.000 χ^2/NDF: 666328037619

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 581.880+/-0.000 χ^2/NDF: 330560730510906

Left In: 444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124 1728.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

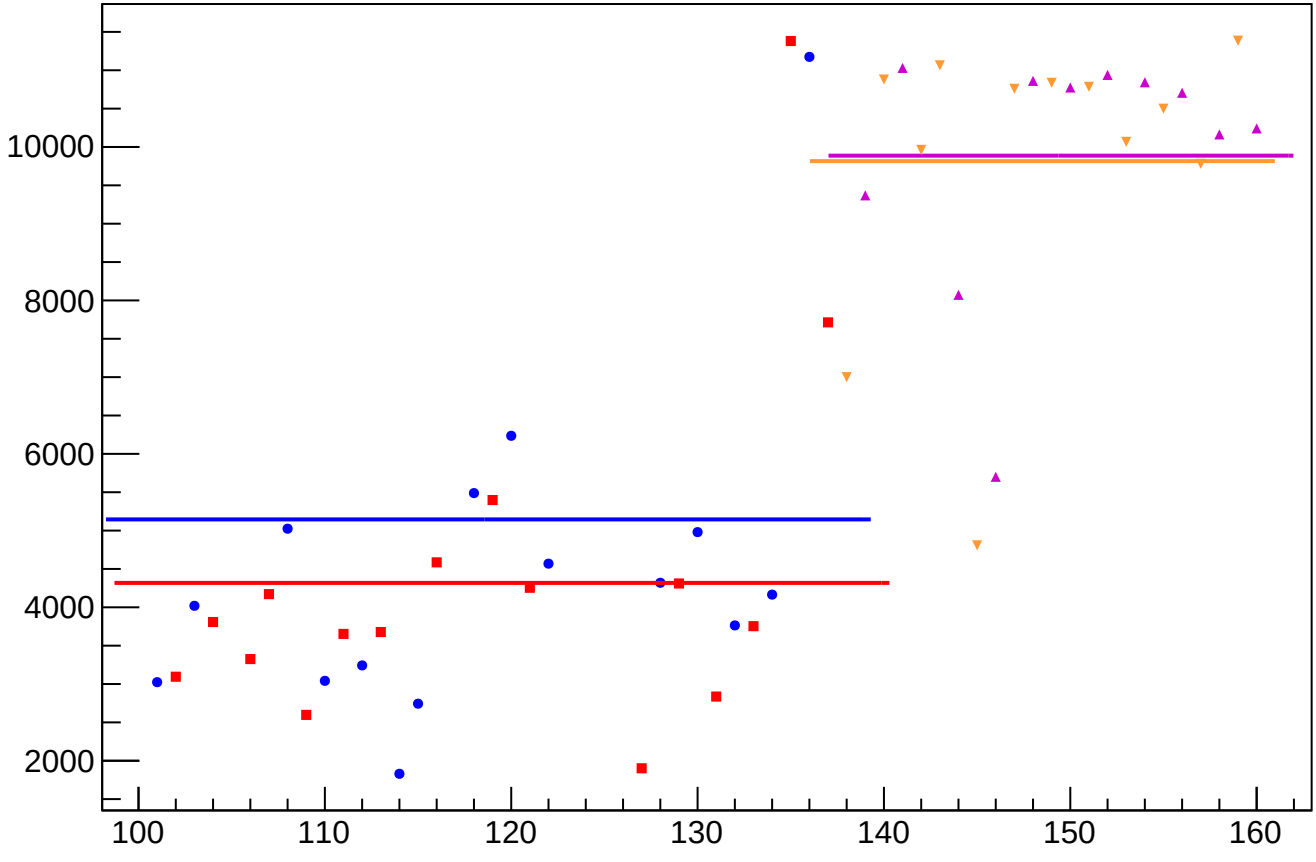
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

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:324212621250728671461831670420826226688 0.0/11

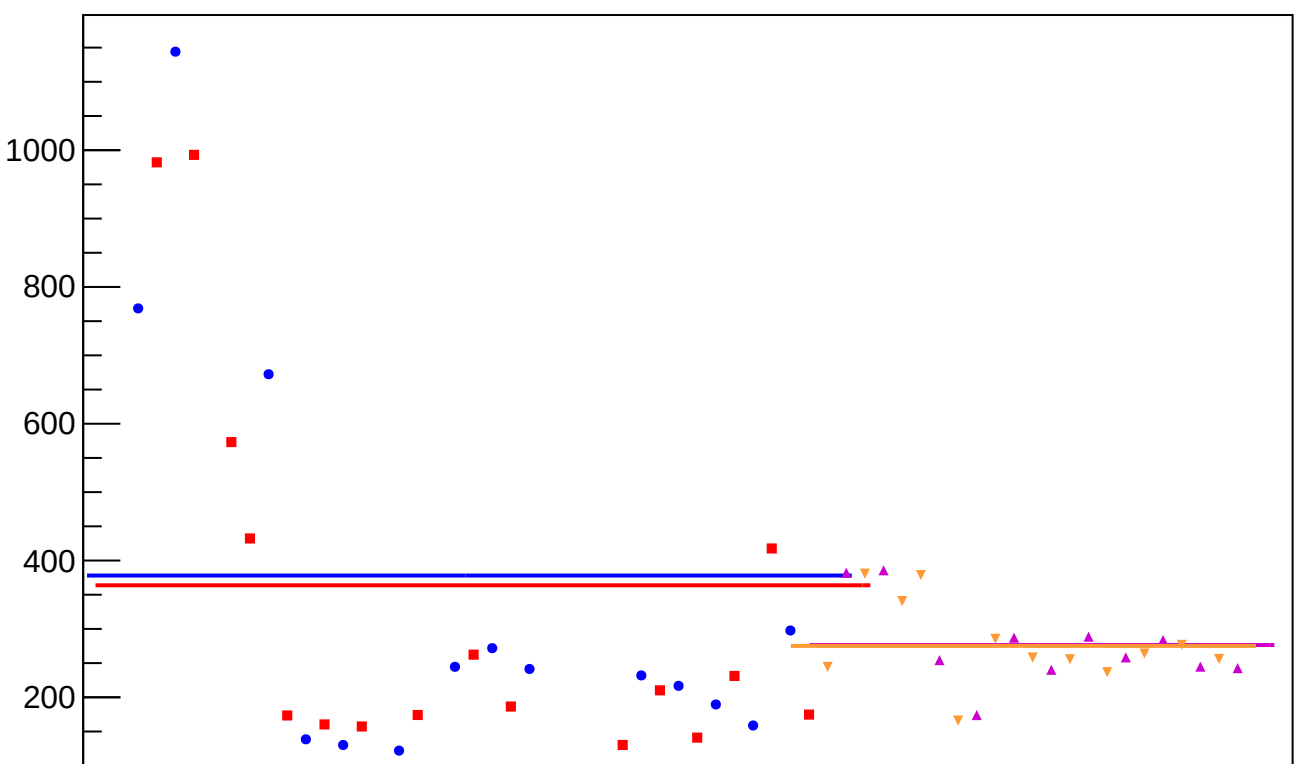
All: 7713.049+/-0.000 χ^2/NDF: 3351230123 5

Right Out: 4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661 6576.0/15

- sign 7552.383+/-0.000 χ^2/NDF: 17637293606384

Left In: 9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734 7712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 275.181+/-0.000 χ^2/NDF:3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

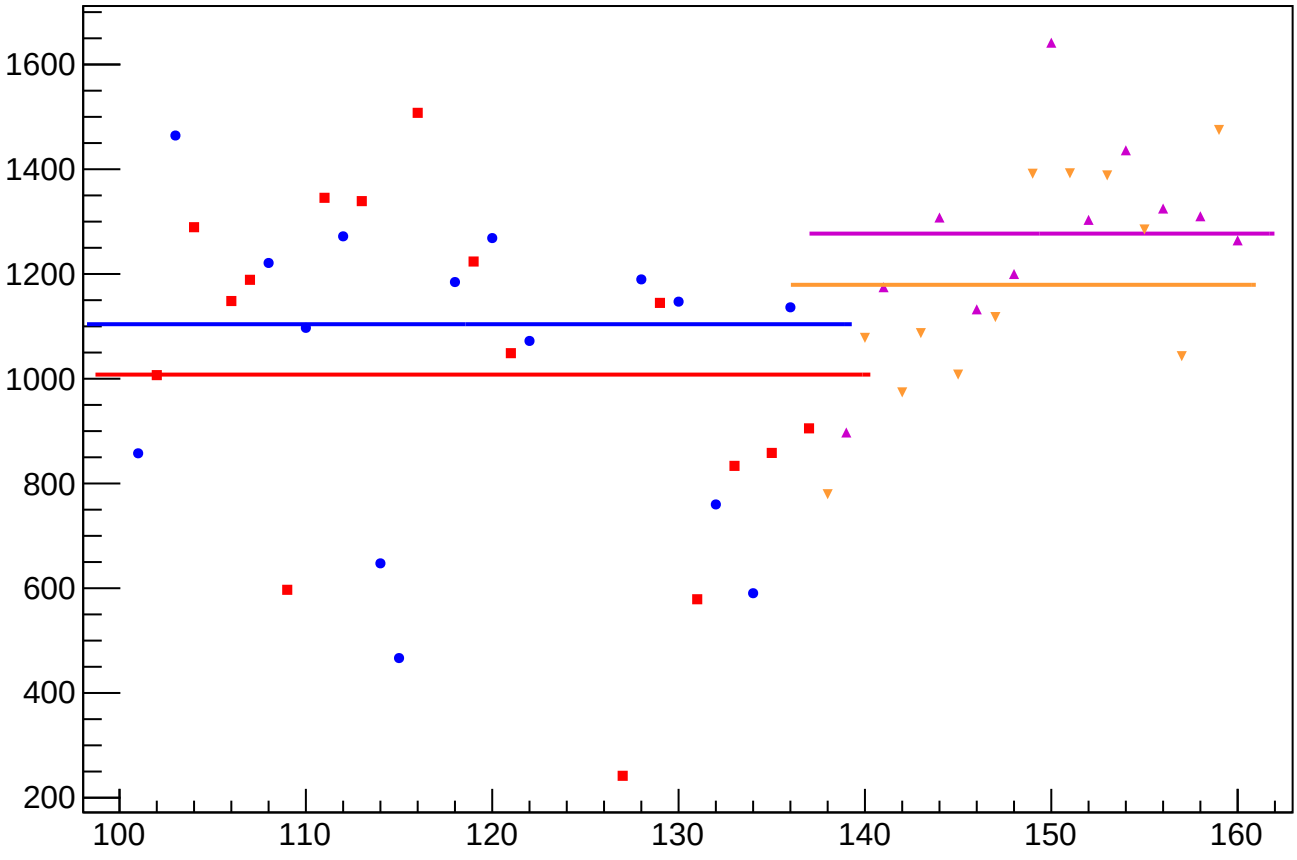
Left In: 276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF: 685967694208858

All: 315.450+/-0.000 χ^2/NDF: 13377830011 5

- sign 313.047+/-0.000 χ^2/NDF: 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

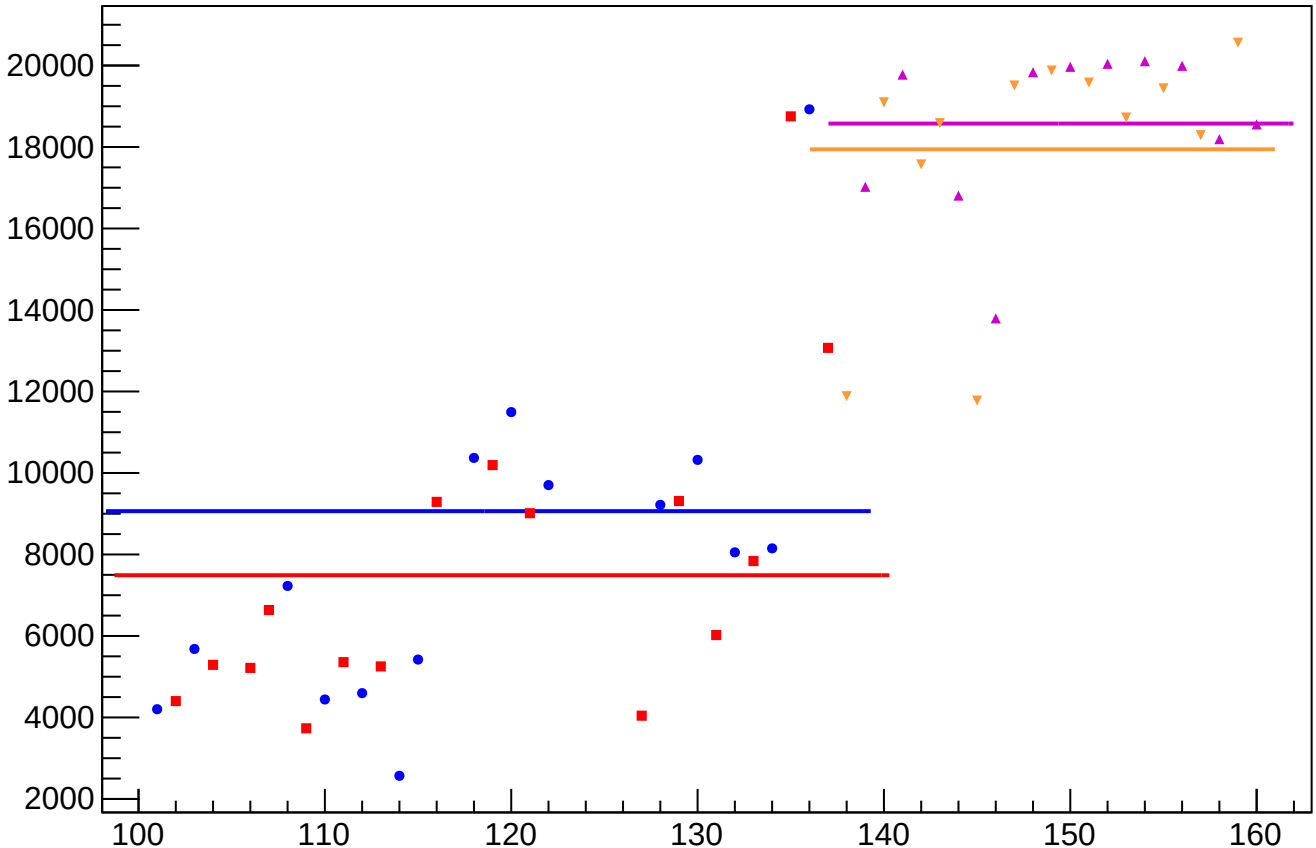
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 14255.973+/-0.000 χ^2/NDF: 5102685220080

Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11

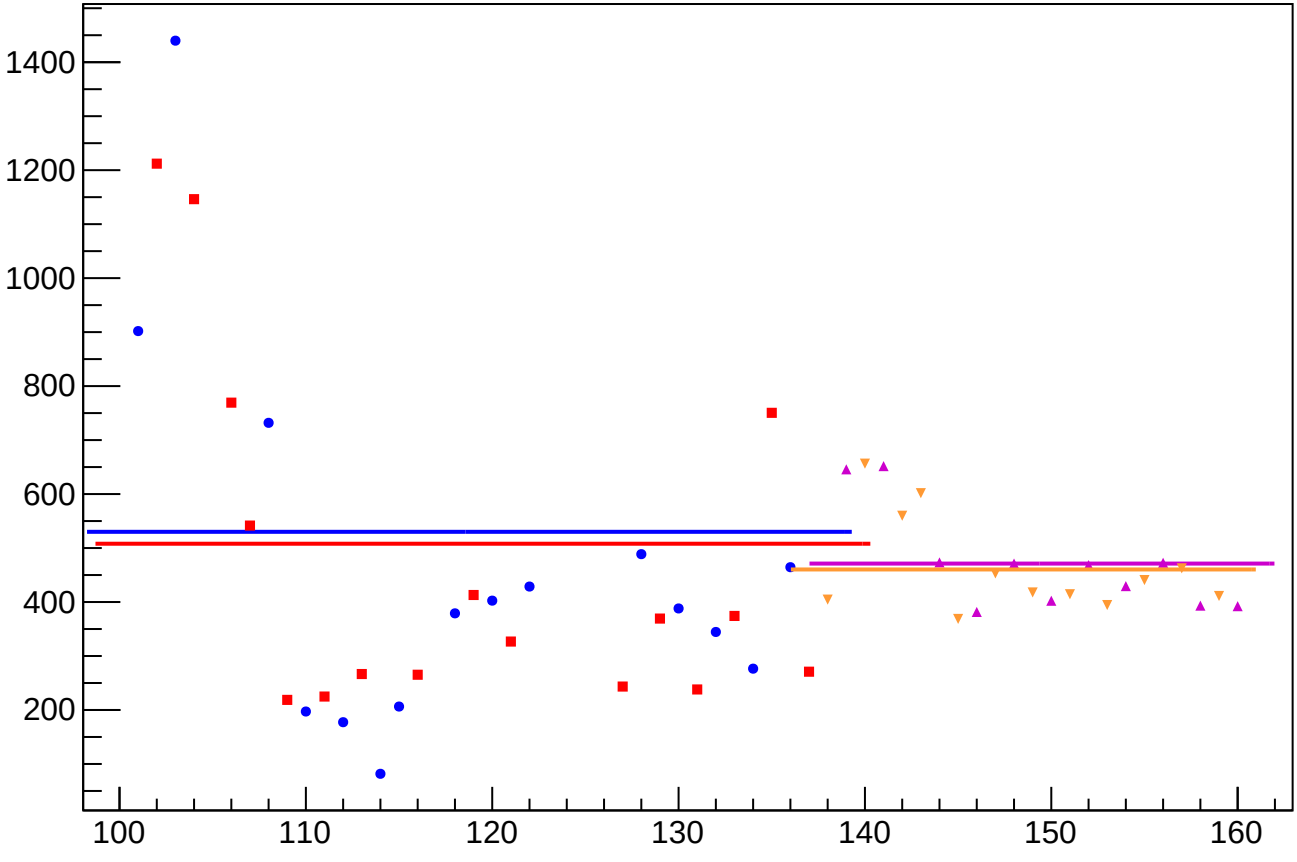
All: 14090.424+/-0.000 χ^2/NDF: 1121885161

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 13927.789+/-0.000 χ^2/NDF: 6107674529188

Left In: 18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

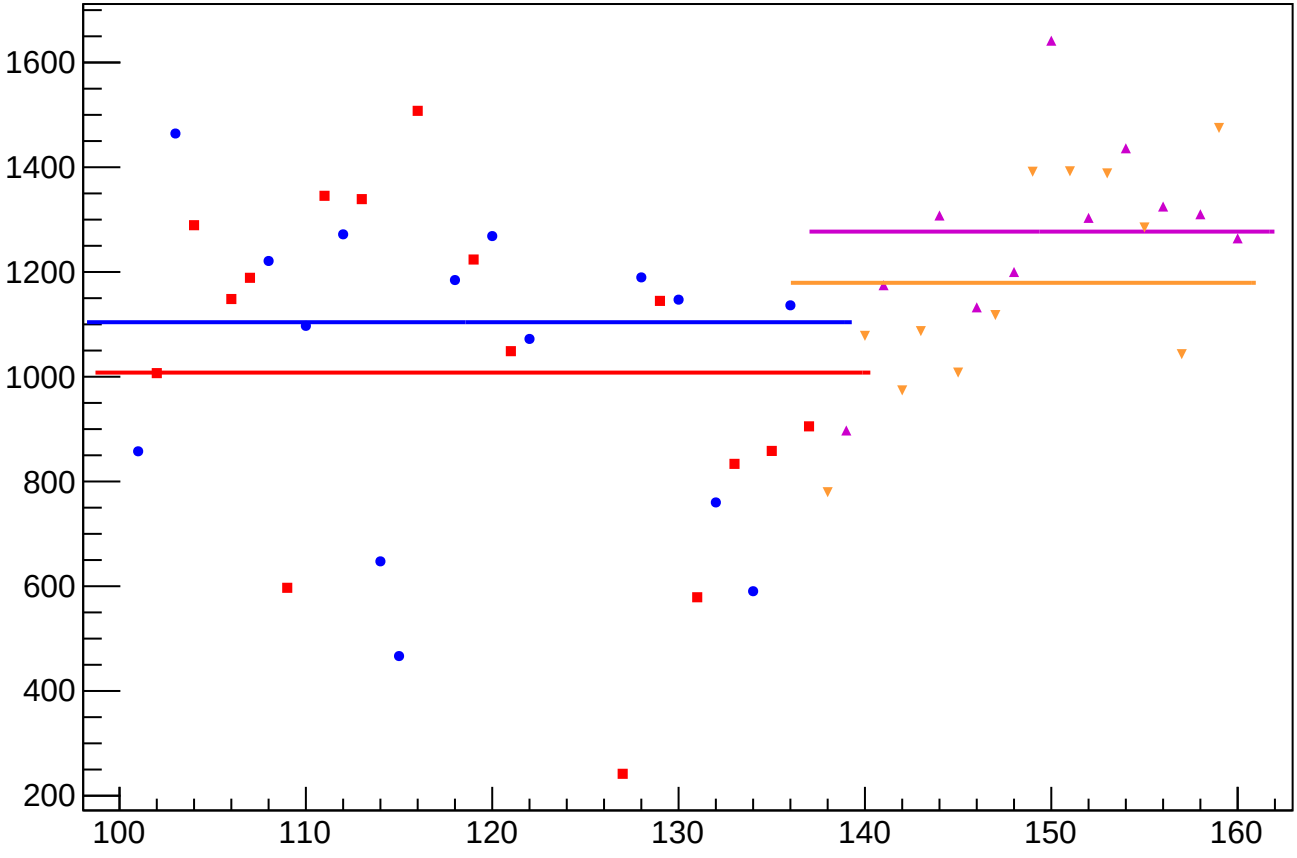
Left In: 471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

+ sign 489.272+/-0.000 χ^2/NDF: 873553872862030

All: 487.941+/-0.000 χ^2/NDF: 17202025163 6

- 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: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

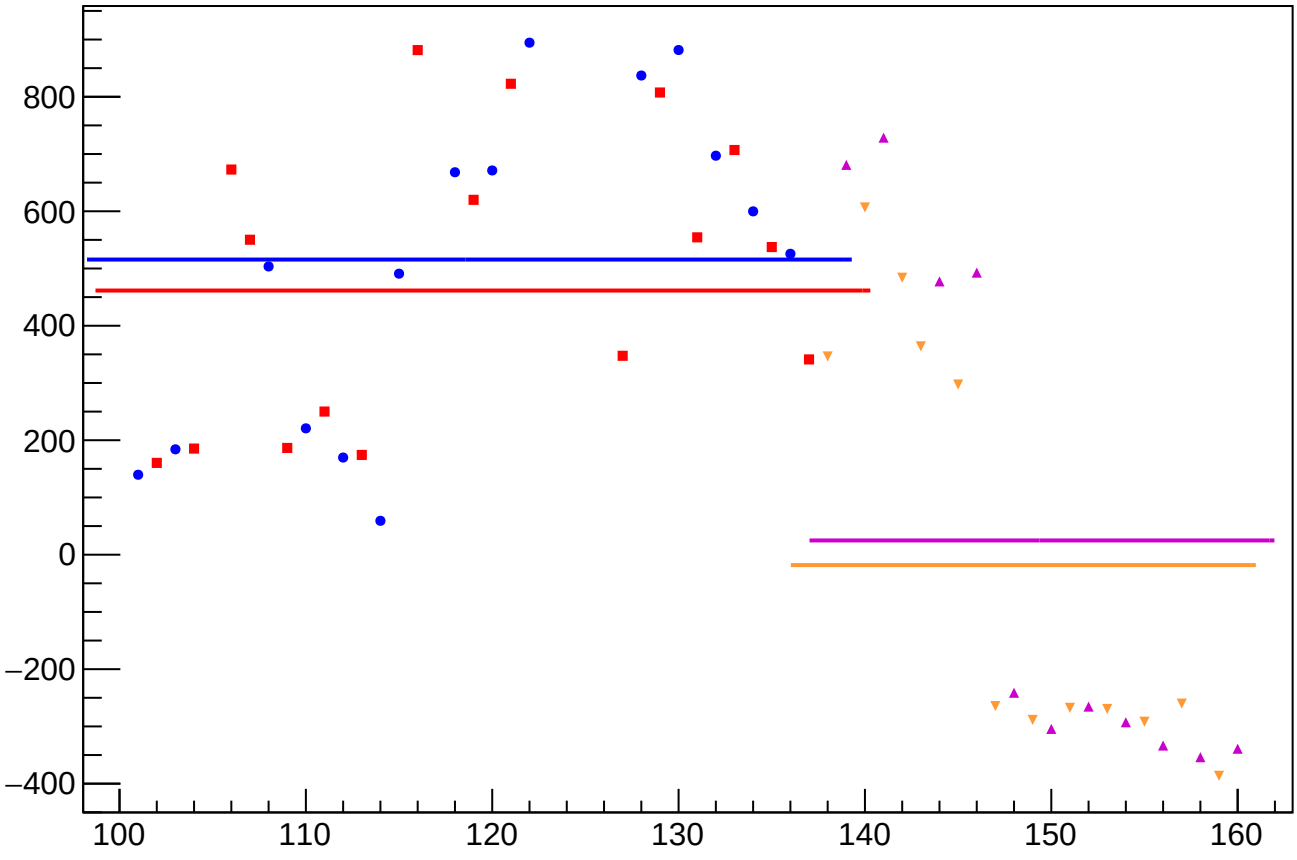
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

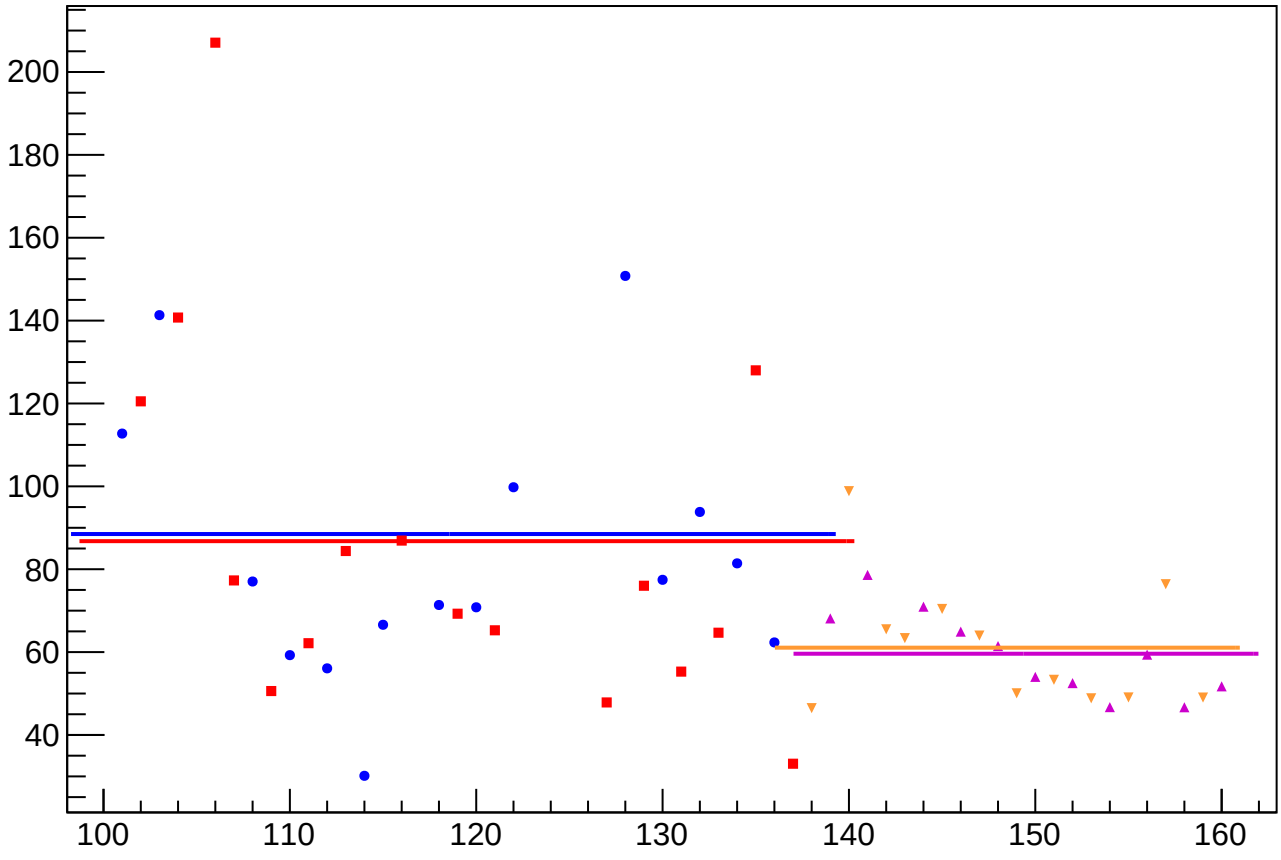
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
+ sign 203.495+/-0.000 χ^2/NDF: 27061307526086 4
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
All: 205.734+/-0.000 χ^2/NDF: 5621128652 05
Right Out: 461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
- sign 207.935+/-0.000 χ^2/NDF: 2914842472029 32
Left In: 24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

+ sign 72.455+/-0.000 χ^2/NDF: 1140205339739572

Left Out: 61.067+/-0.000 χ^2/NDF:2115070802130485076473310779612856 32.0/11

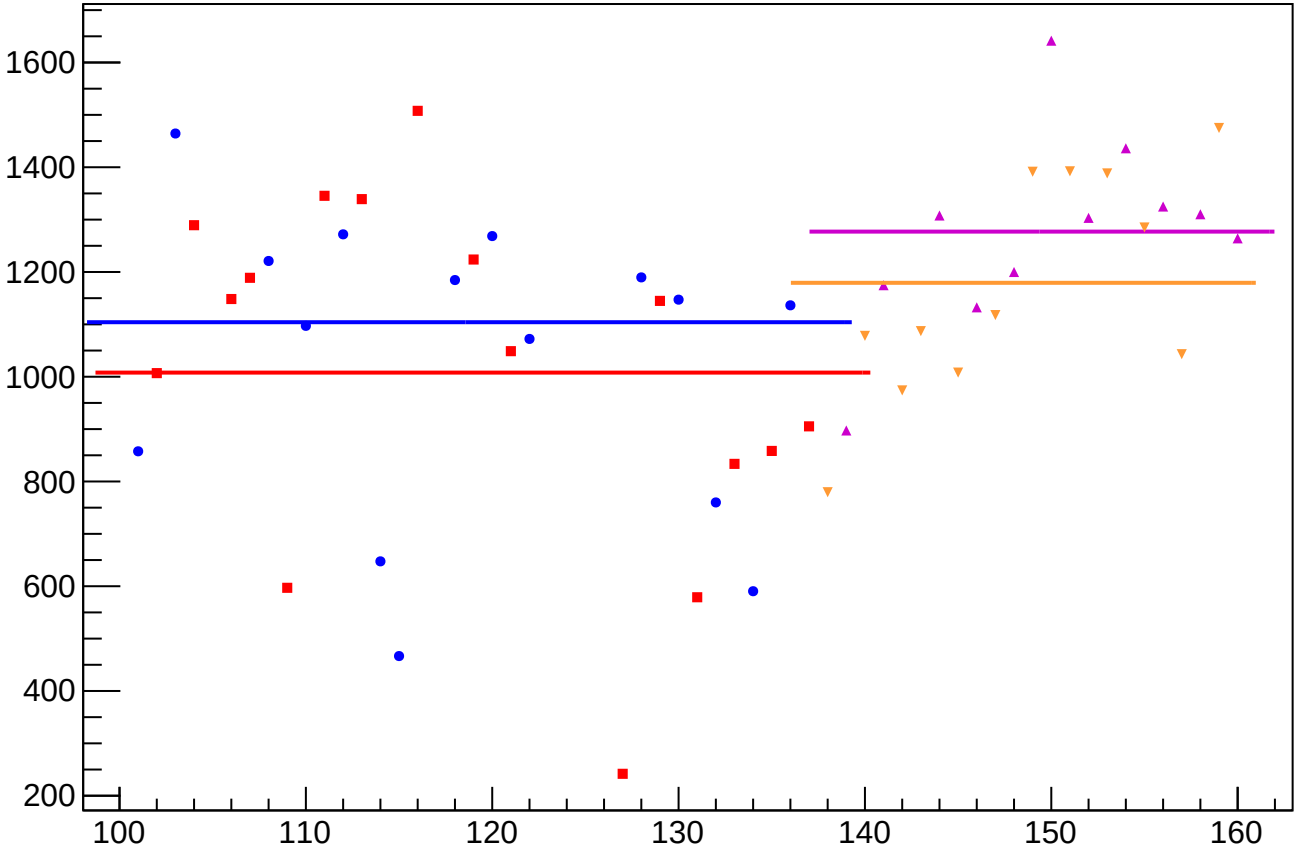
All: 71.718+/-0.000 χ^2/NDF: 2577899671839

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:9086262518198566437532346316803276 8.0/10

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

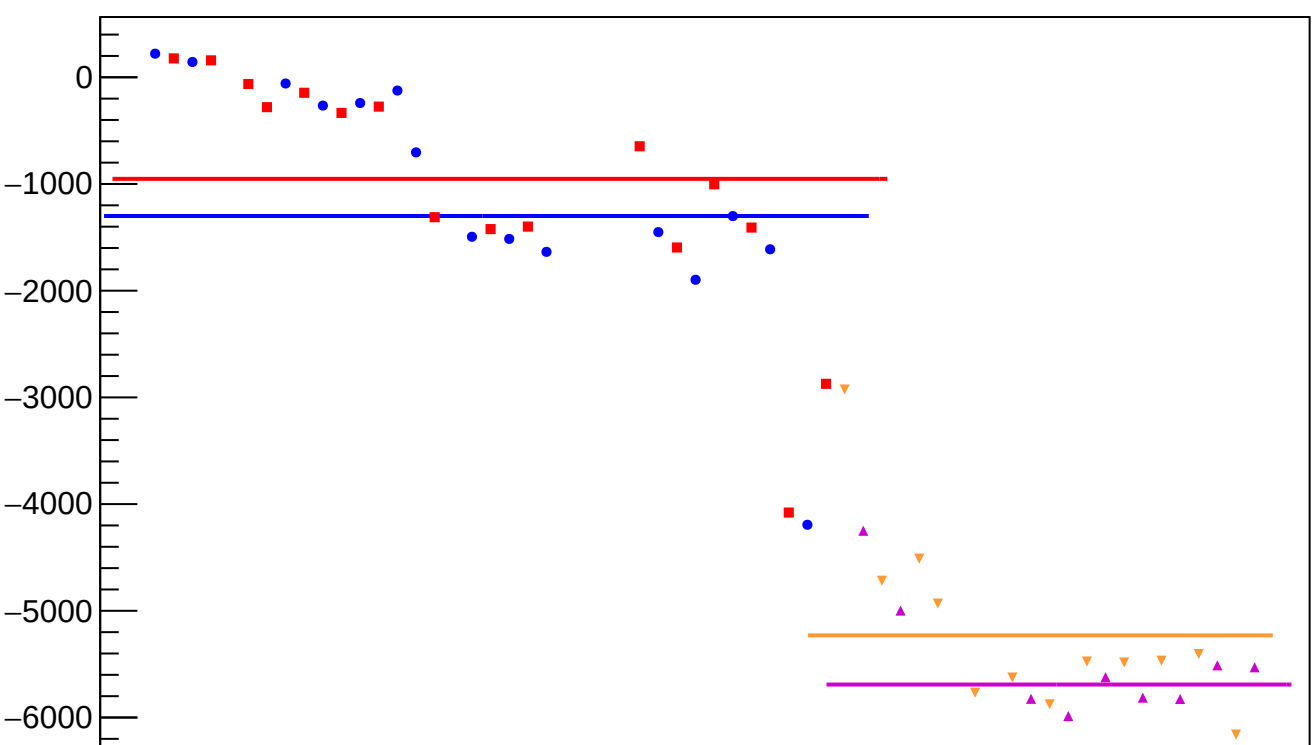
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

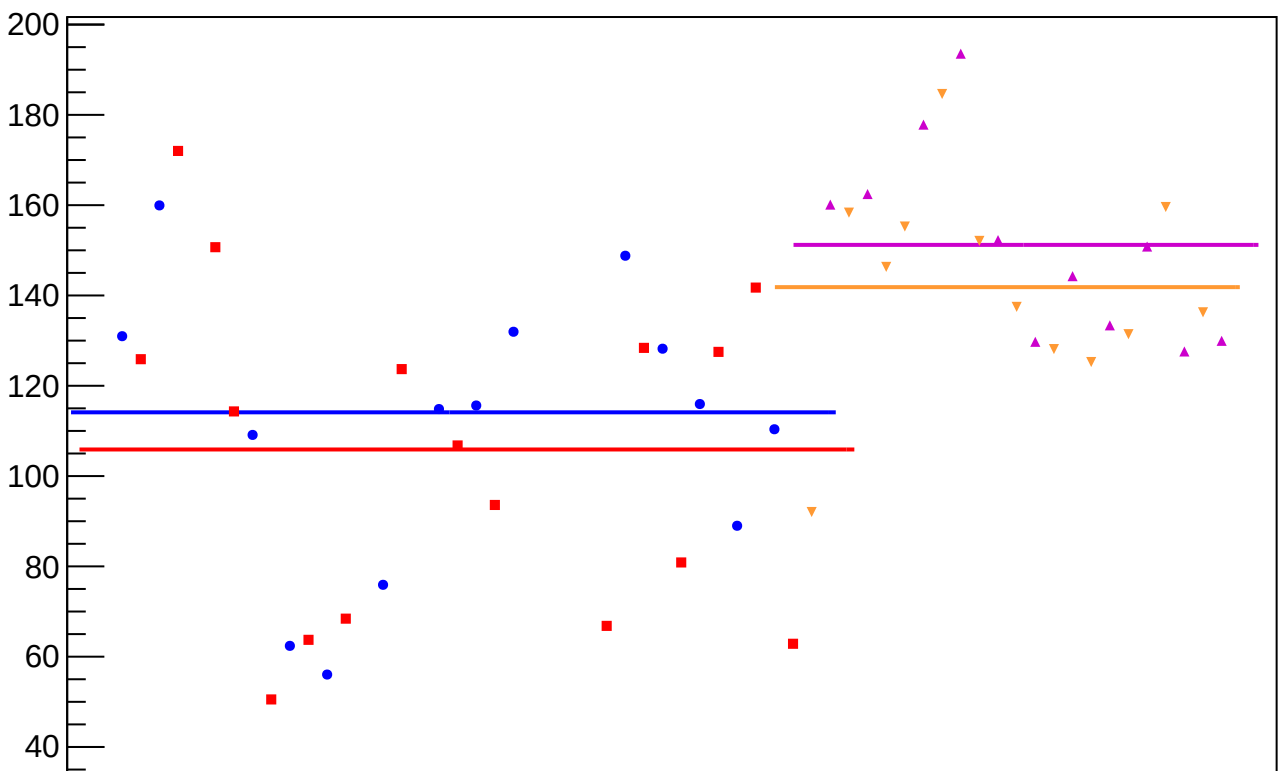
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
+ sign -3598.213+/-0.000 χ^2/NDF: 7683373457426
Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11
All: -3651.666+/-0.000 χ^2/NDF: 1758908860
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -3704.179+/-0.000 χ^2/NDF: 98968619860202
Left Out: -5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

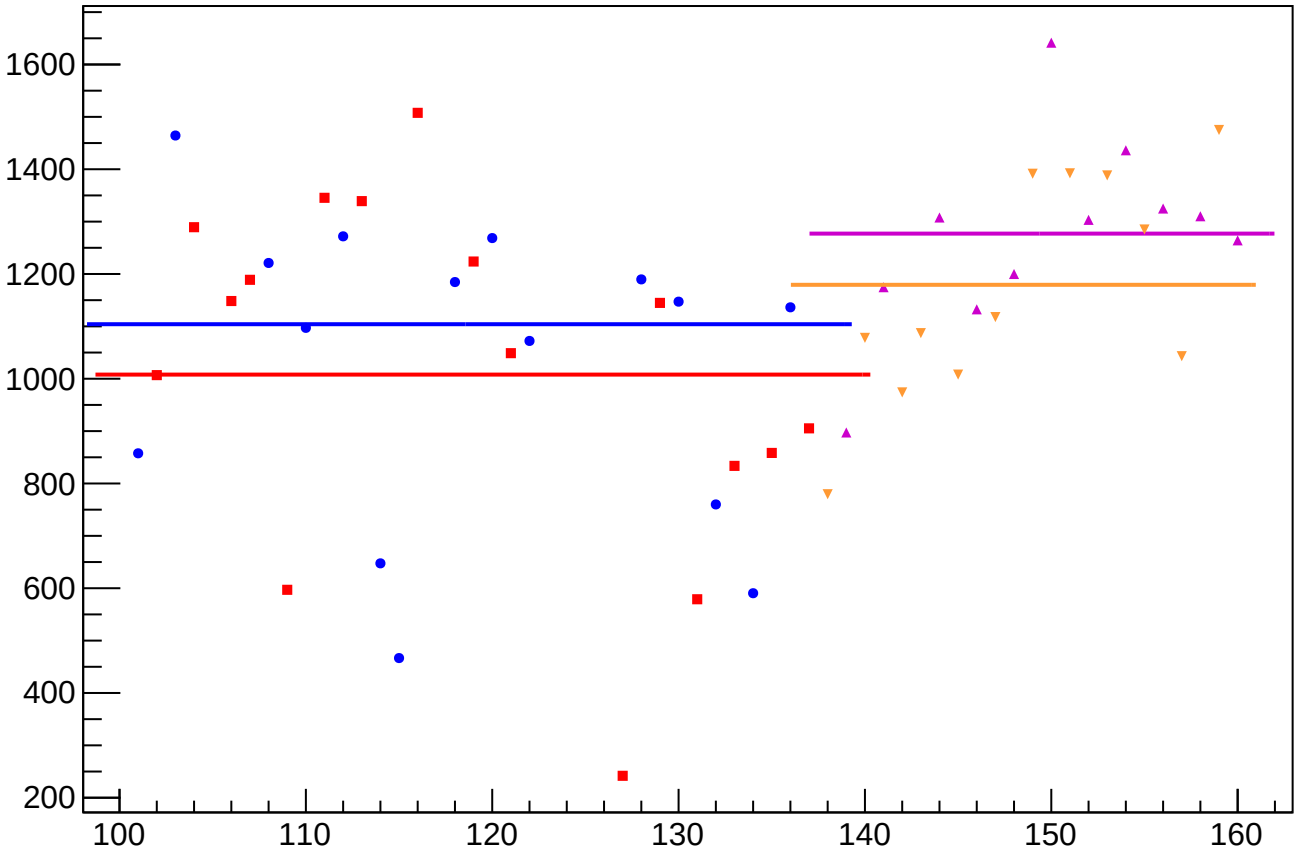
Left In: 151.203+/-0.000 χ^2/NDF:382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF: 135424557525506

All: 131.277+/-0.000 χ^2/NDF: 33864992632

- sign 132.206+/-0.000 χ^2/NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

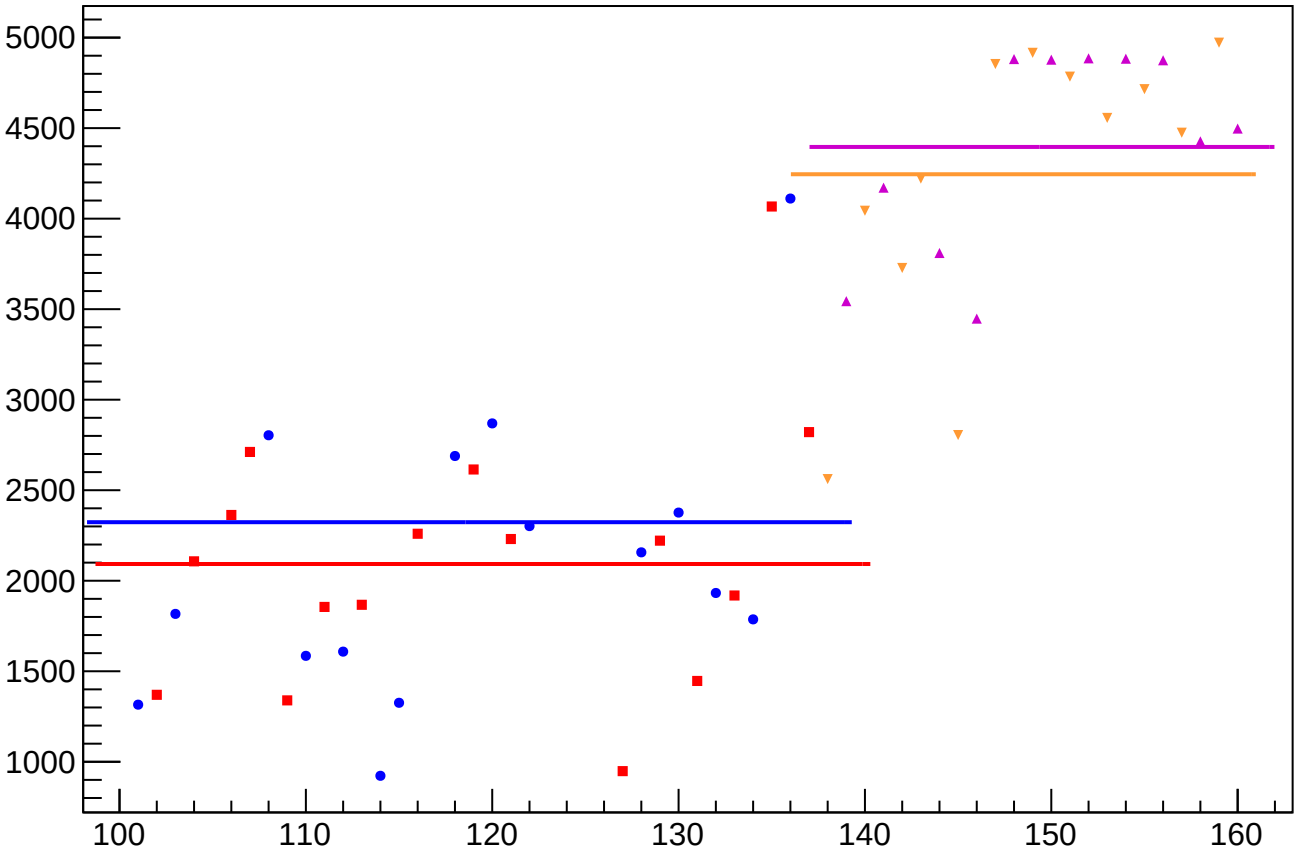
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

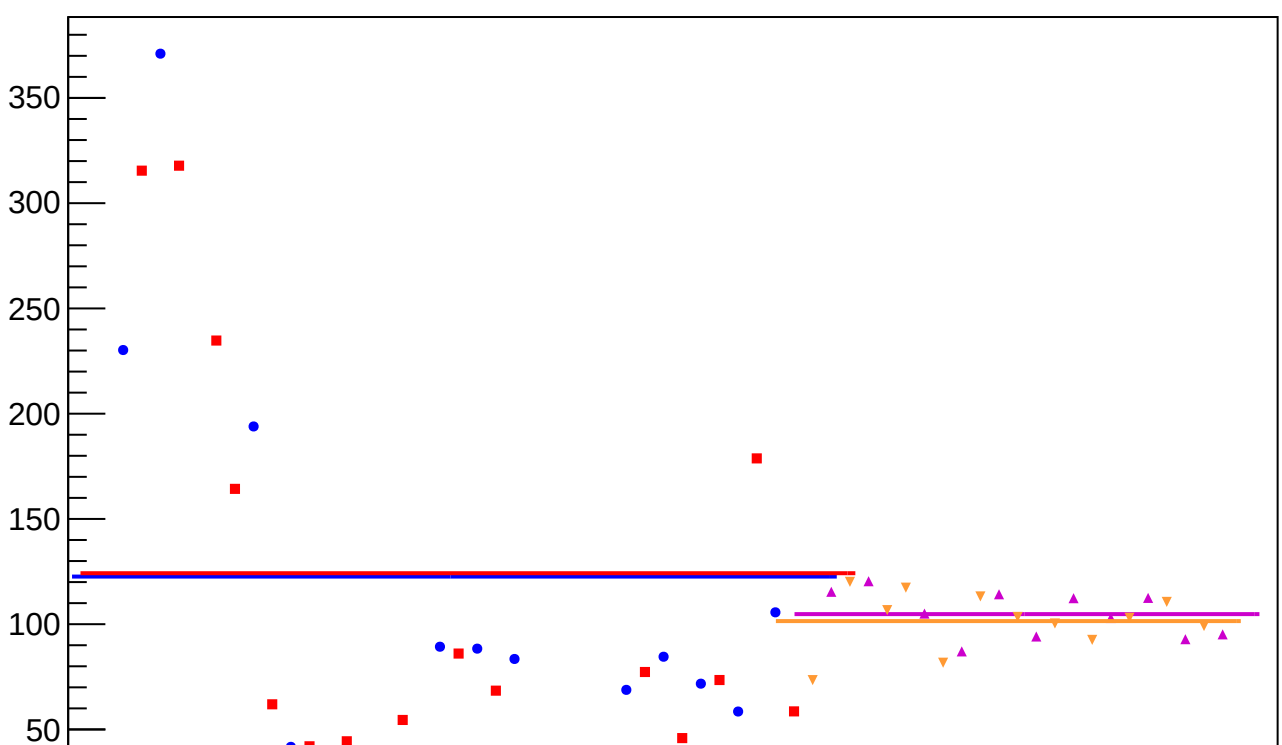
Left In: 4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

+ sign 3447.245+/-0.000 χ^2/NDF: 2438290741396

All: 3438.707+/-0.000 χ^2/NDF: 5131604048

- sign 3430.319+/-0.000 χ^2/NDF: 26930874223674

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:1636065866092155151746011396204134 40.0/11

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

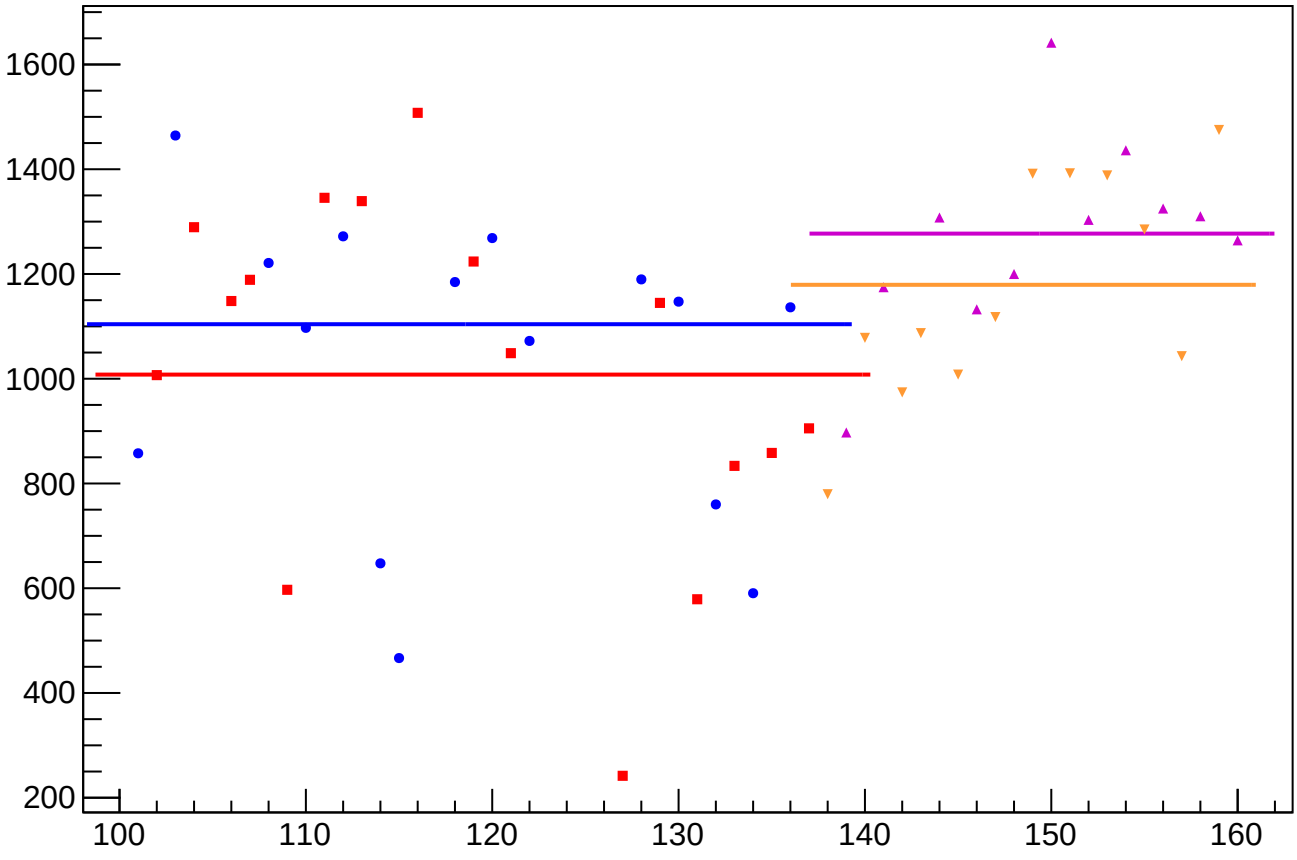
Left In: 104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

+ sign 110.253+/-0.000 χ^2/NDF: 627090967671002

All: 111.604+/-0.000 χ^2/NDF: 13074452472 3

- 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: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

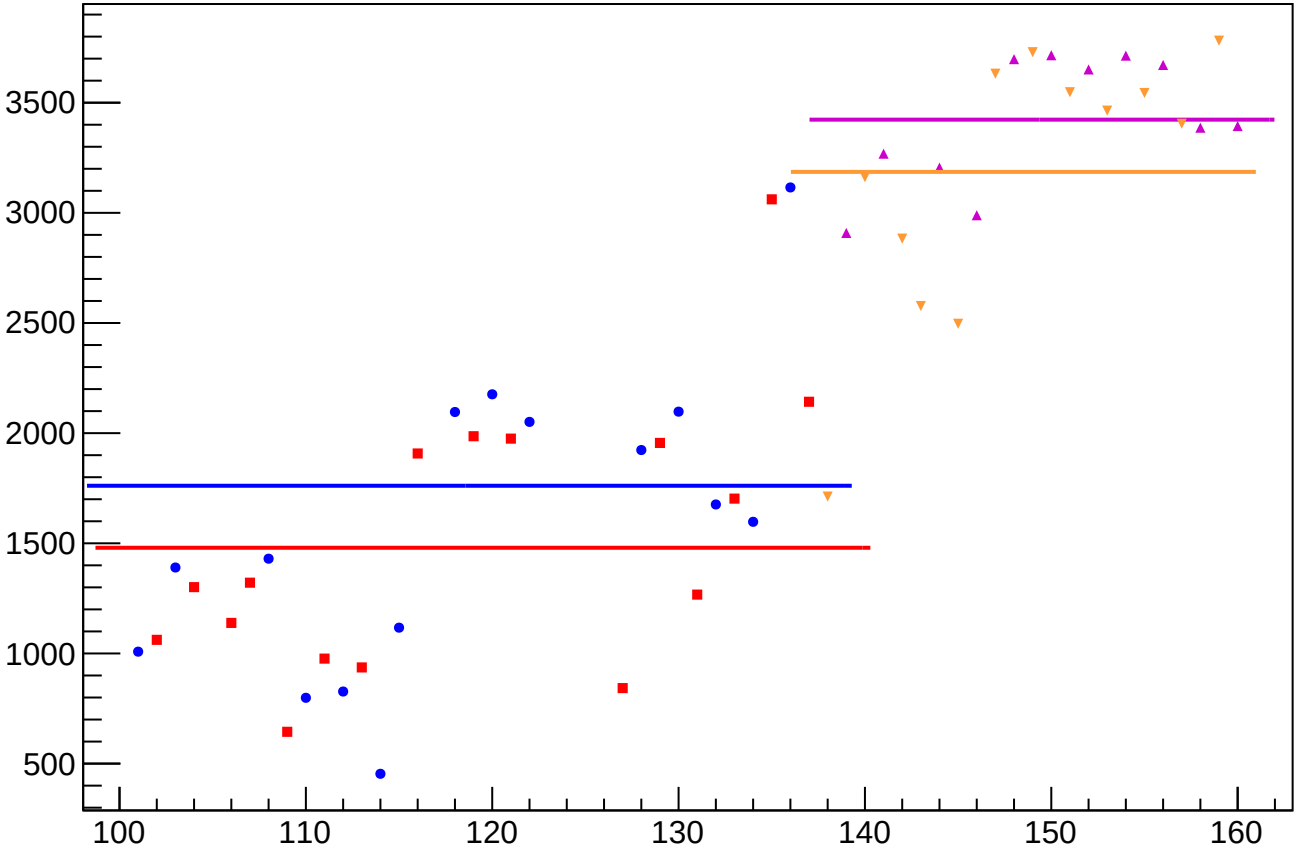
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

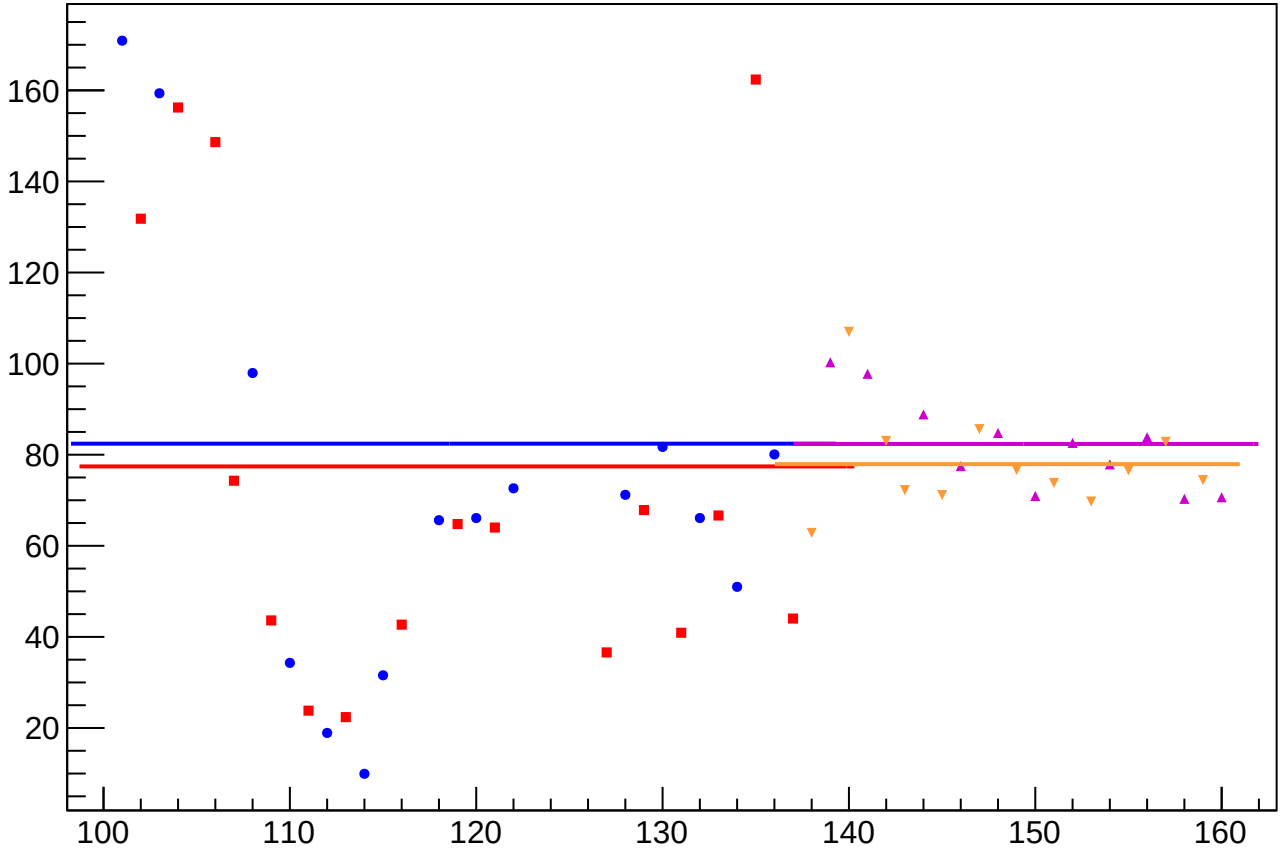
Left In: 3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

+ sign 2594.359+/-0.000 χ^2/NDF: 1437464688432

All: 2601.420+/-0.000 χ^2/NDF: 3238374299

- sign 2608.357+/-0.000 χ^2/NDF: 18007551336700

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 79.794+/-0.000 χ^2/NDF: 1380118069986945

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

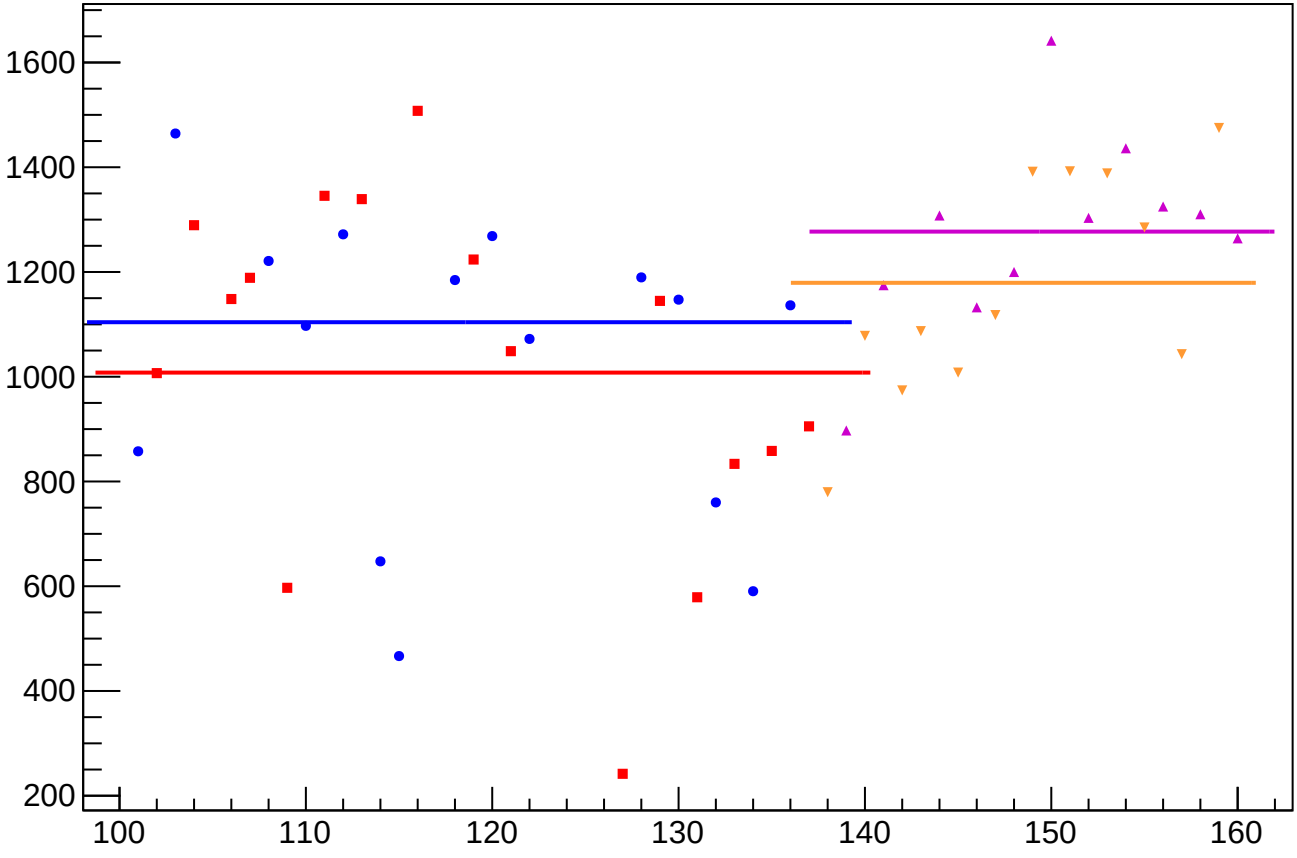
All: 80.046+/-0.000 χ^2/NDF: 299335194248 3

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 80.294+/-0.000 χ^2/NDF: 1613036492452020

Left In: 82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

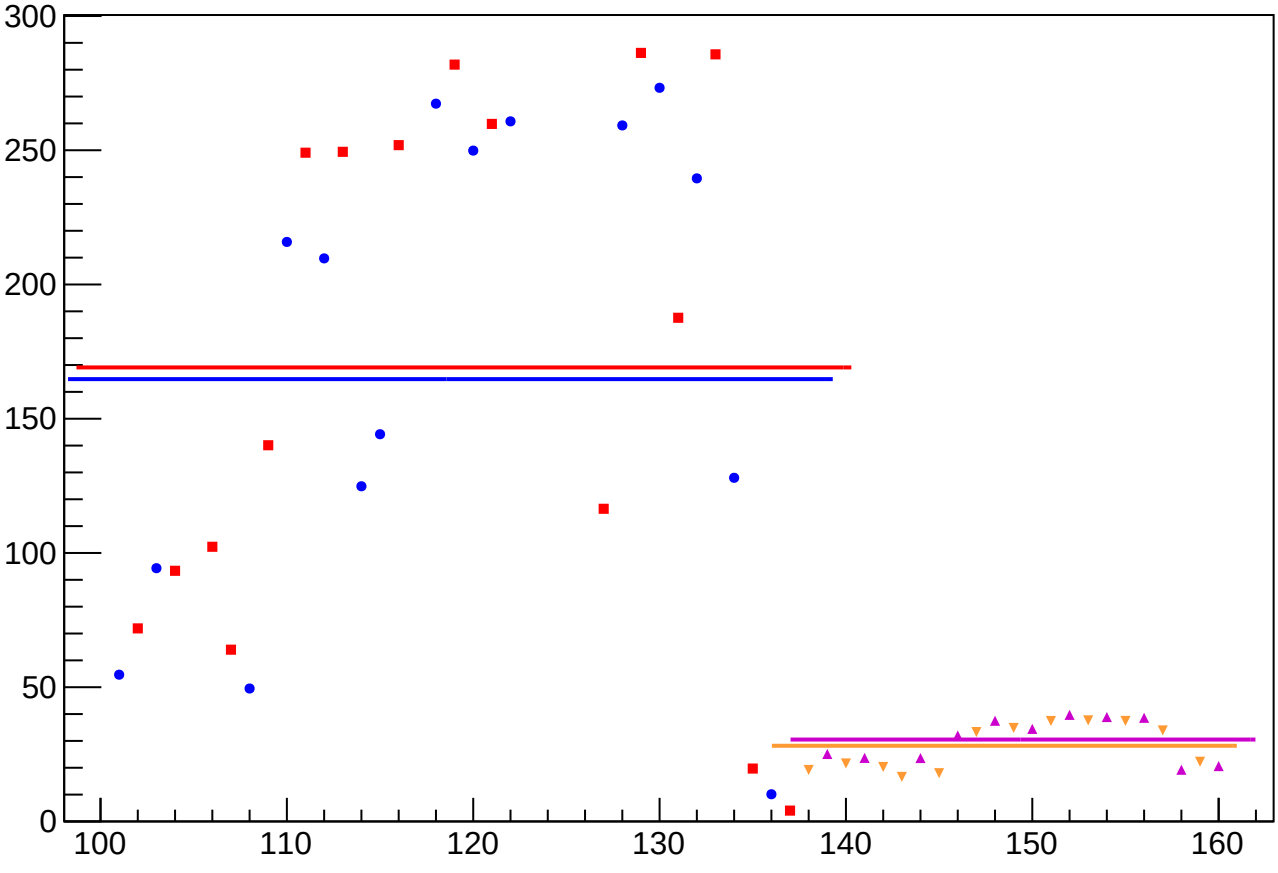
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 84.895+/-0.000 χ^2/NDF: 1350932583122595

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

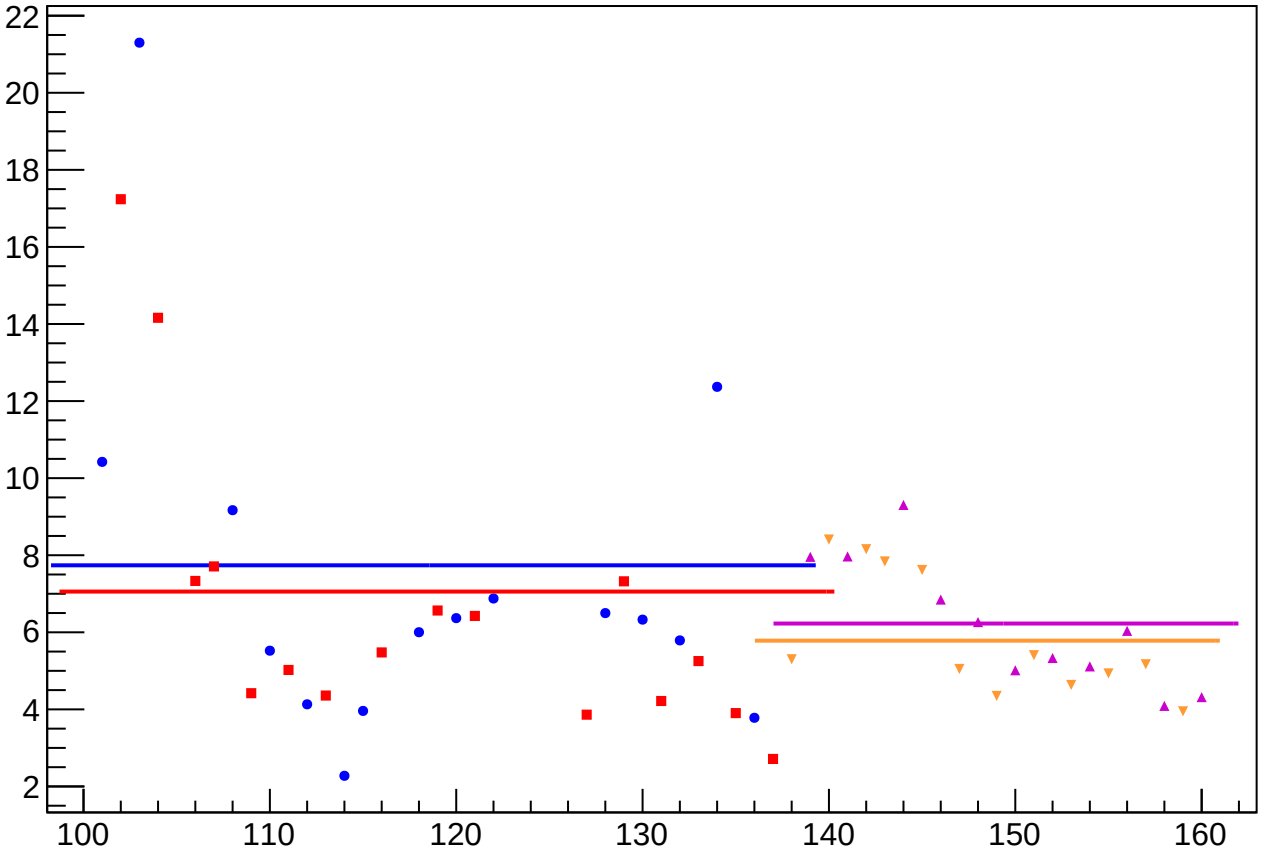
All: 86.771+/-0.000 χ^2/NDF: 2705497277682

Right Out: 169.108+/-0.000 χ^2/NDF: 6040721802042936822766910687819071488.0/15

- sign 88.613+/-0.000 χ^2/NDF: 1353475070284198

Left In: 30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 6.595+/-0.000 χ^2/NDF: 18660029983466047

Left Out: 5.783+/-0.000 χ^2/NDF:20821036504112099958625190061015 04.0/11

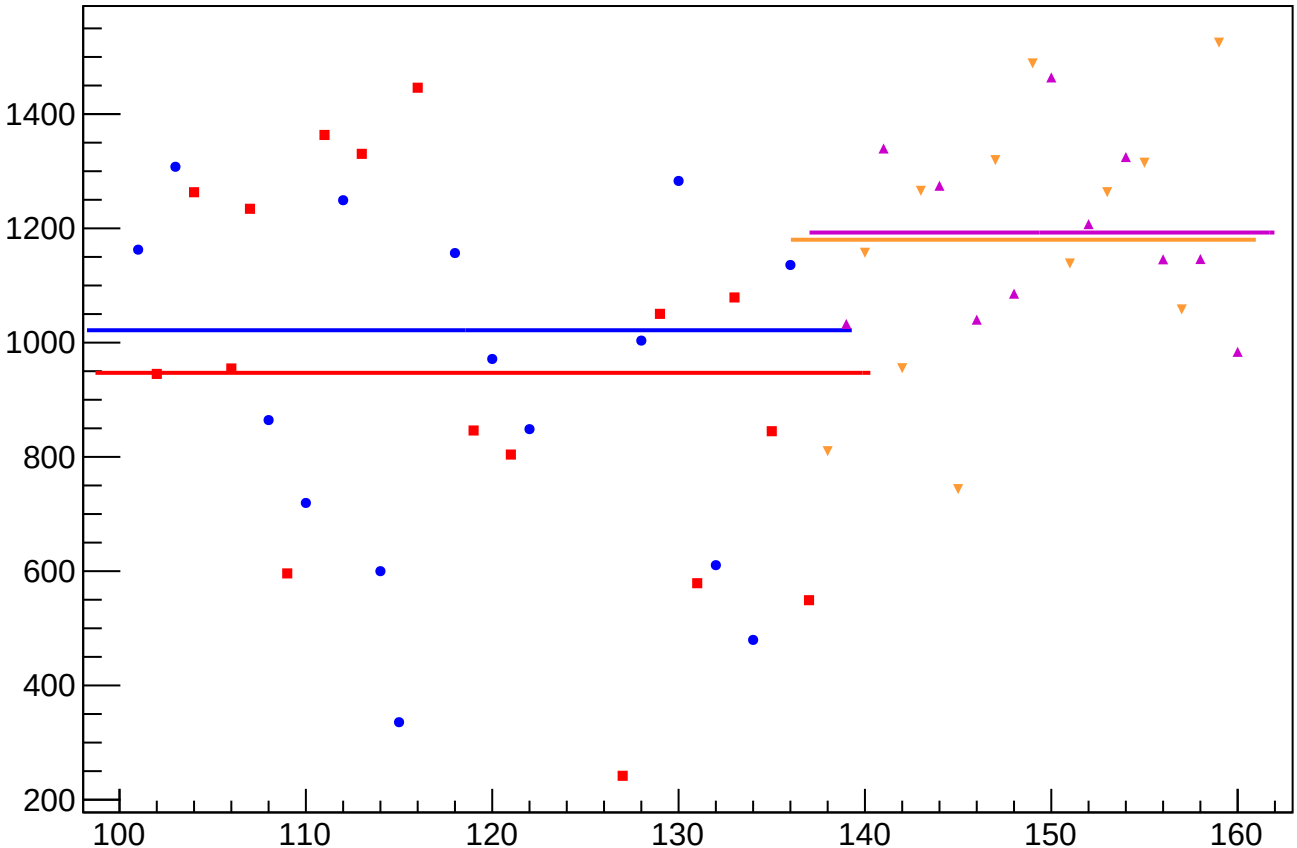
All: 6.585+/-0.000 χ^2/NDF: 3255111946980 5

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 6.575+/-0.000 χ^2/NDF: 13890781213861884

Left In: 6.228+/-0.000 χ^2/NDF:23319117516557338093554890241474 56.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

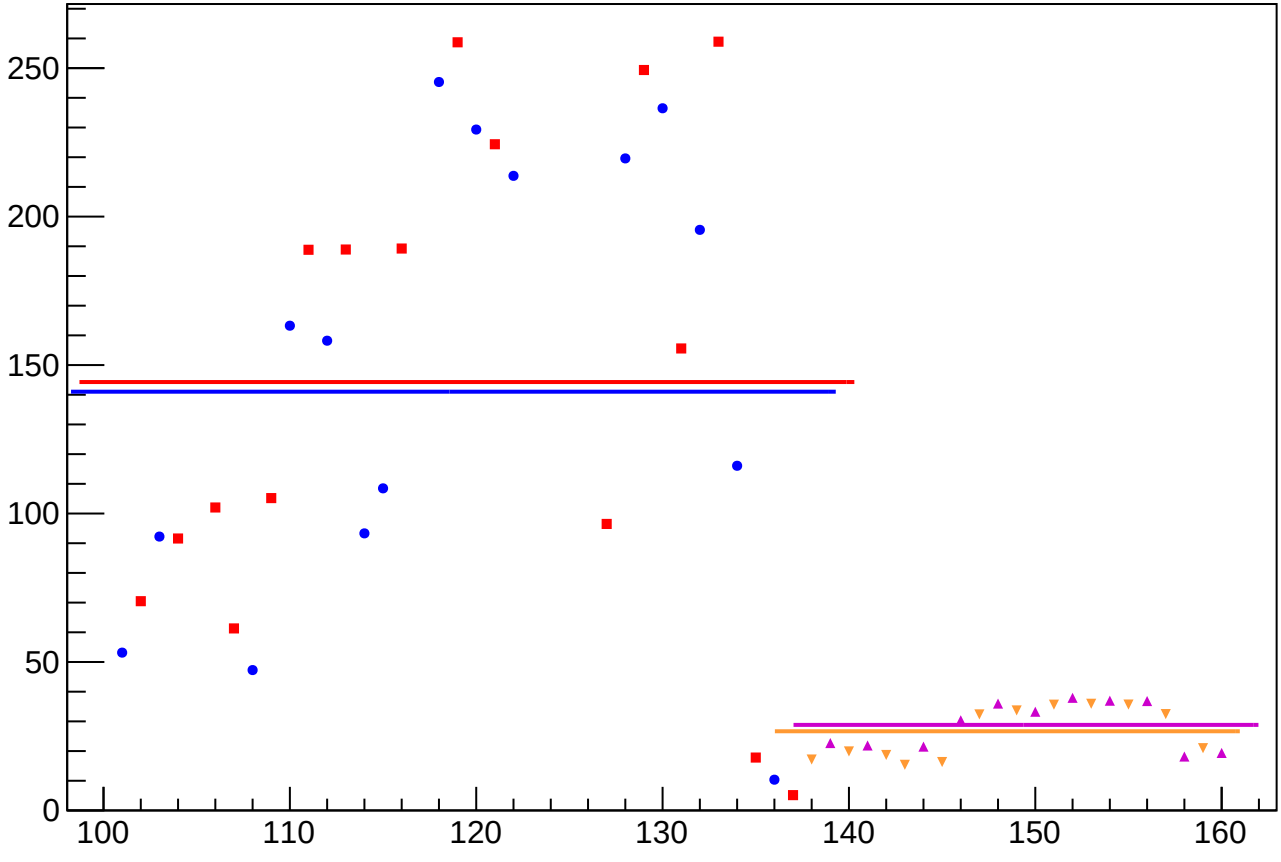
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 74.155+/-0.000 χ^2/NDF: 9534162342398363

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

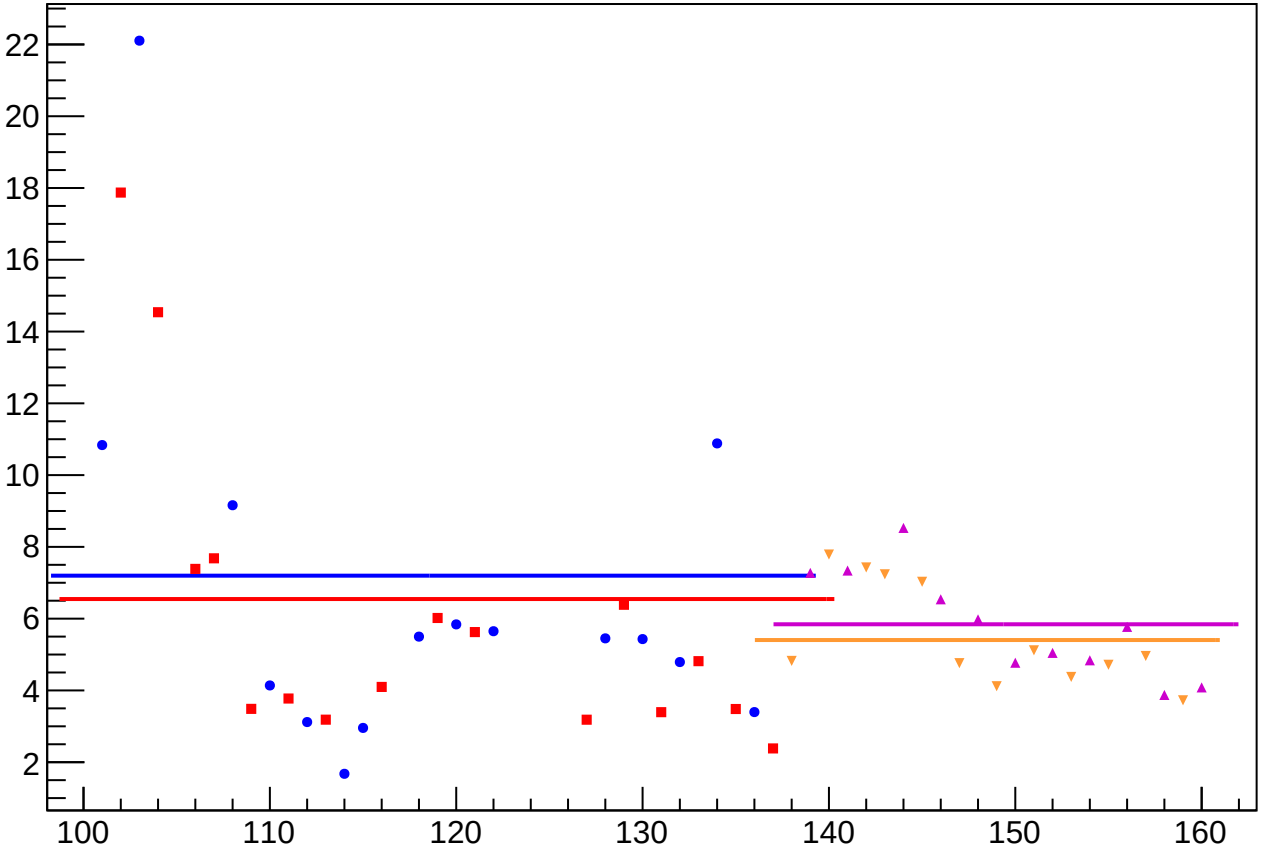
All: 75.703+/-0.000 χ^2/NDF: 1902686413208

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 77.224+/-0.000 χ^2/NDF: 9485278065945565

Left In: 28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:16574766732227345495360624153067 52.0/11

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

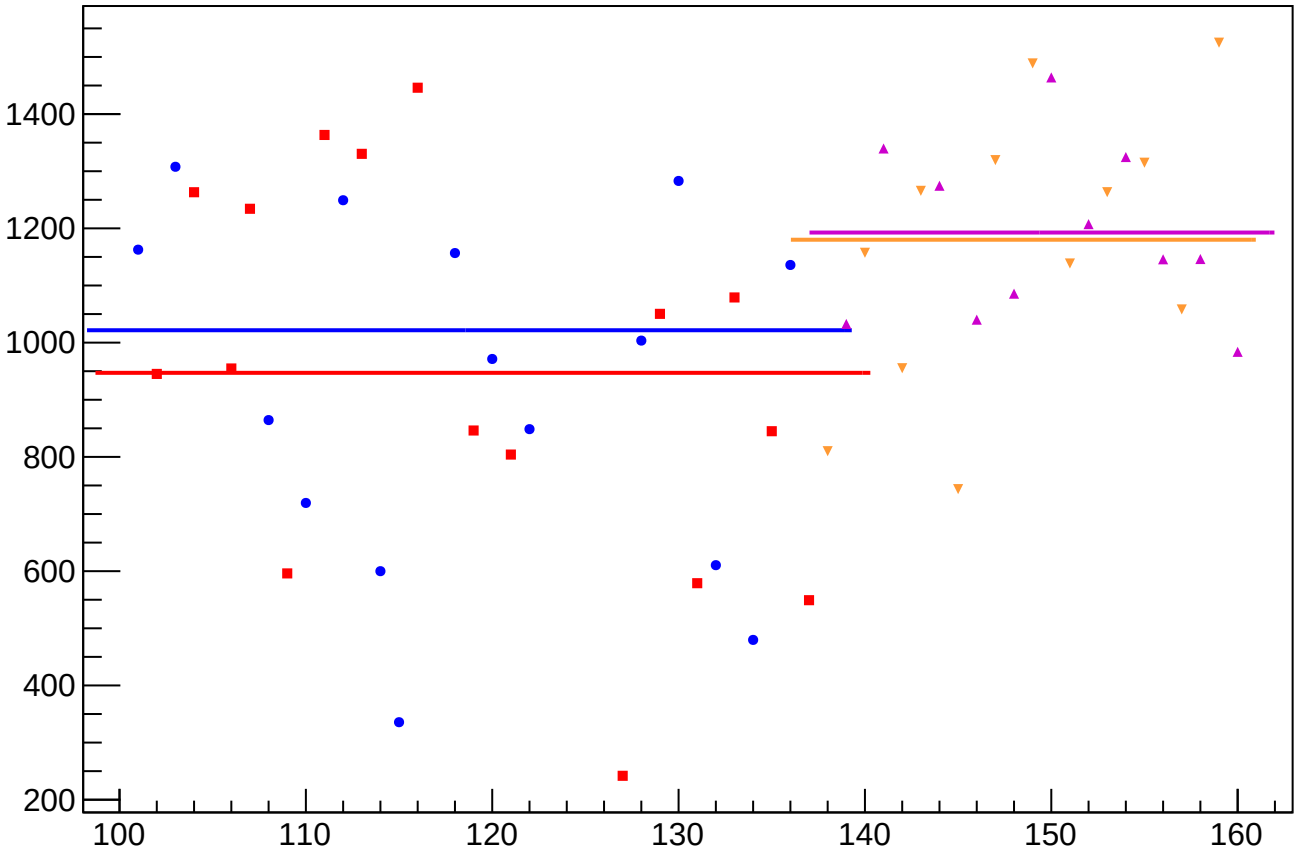
Left In: 5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

+ sign 6.149+/-0.000 χ^2/NDF: 2109105727582817 7

All: 6.144+/-0.000 χ^2/NDF: 3719444625202 6

- sign 6.138+/-0.000 χ^2/NDF: 1610329718374636 8

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

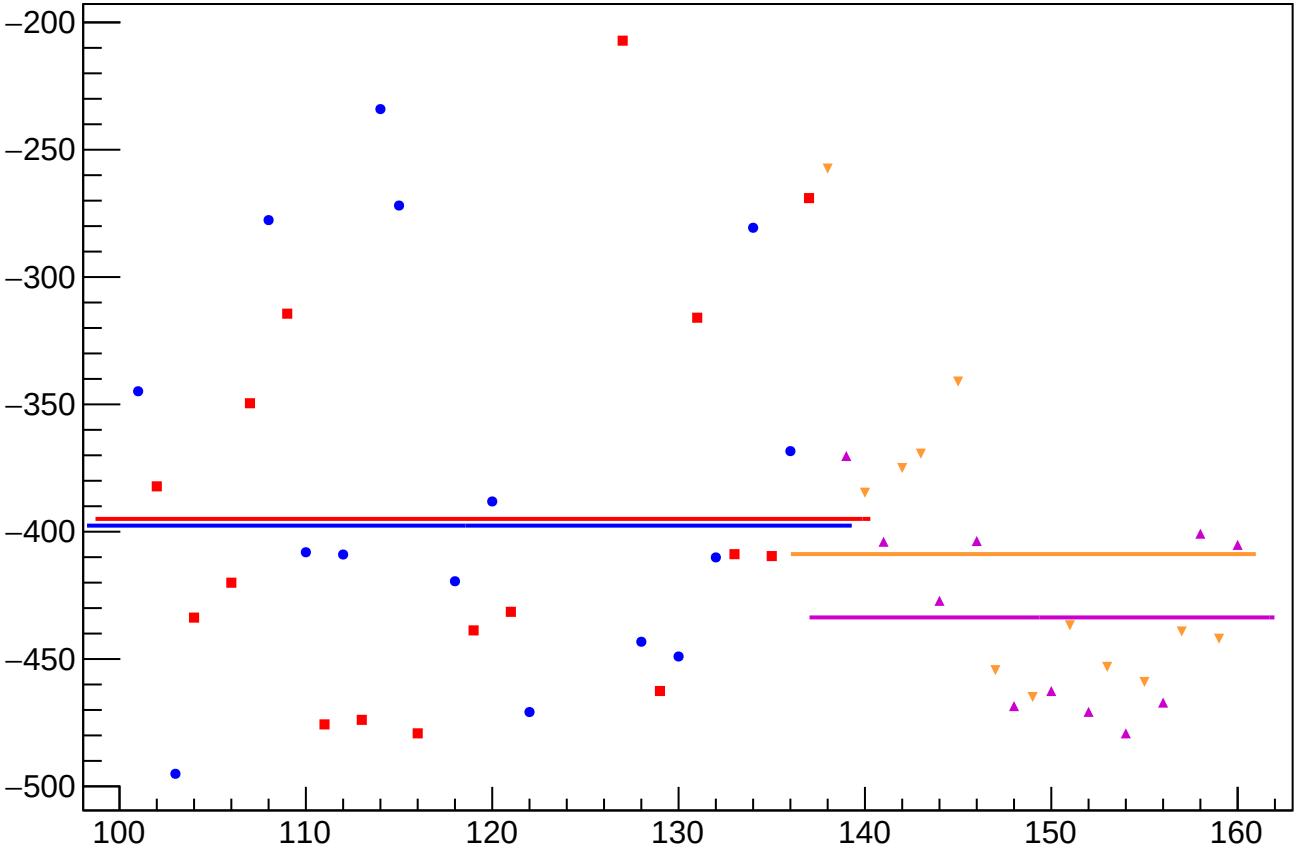
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -404.151+/-0.000 χ^2/NDF: 60752984444318

Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11

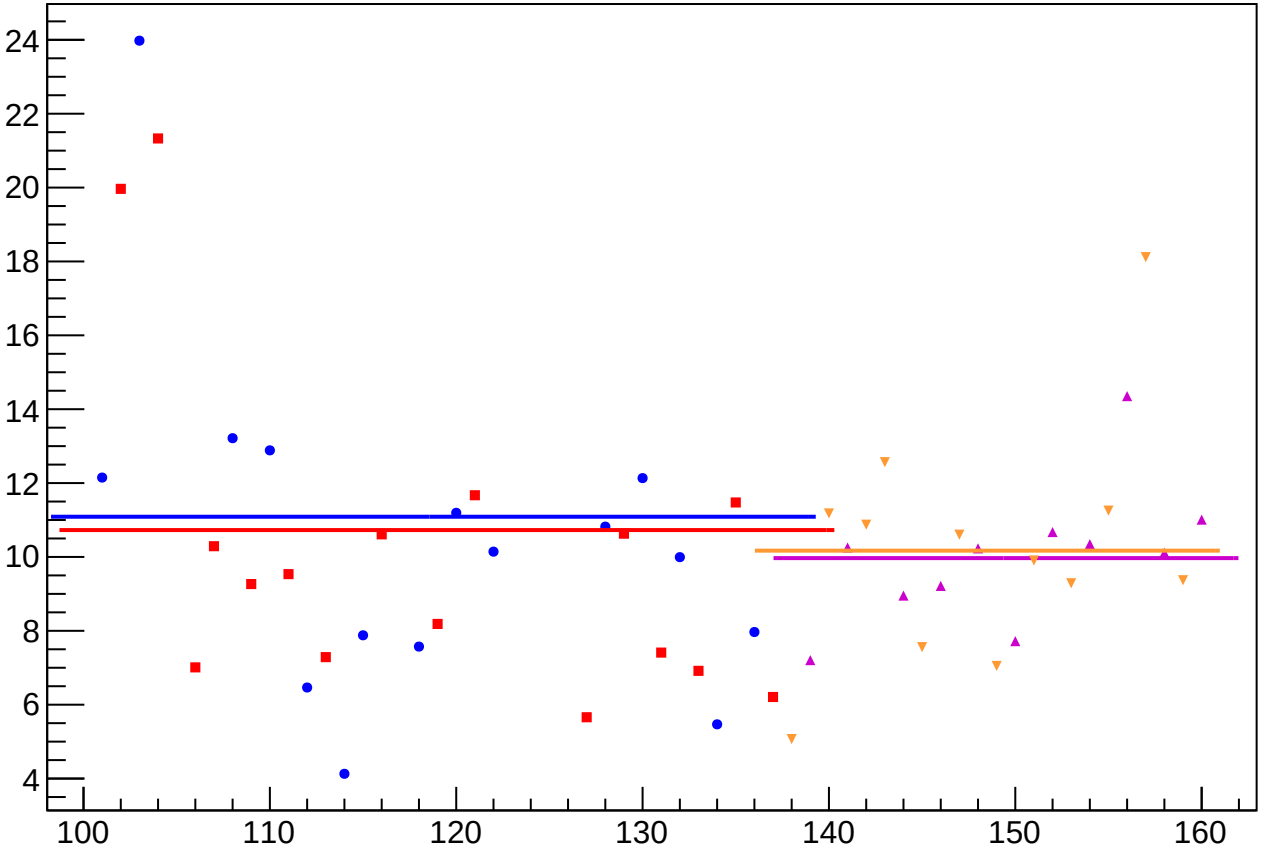
All: -410.856+/-0.000 χ^2/NDF: 11678350413

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -417.444+/-0.000 χ^2/NDF: 546374662460811

Left In: -433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.552+/-0.000 χ^2/NDF: 2364557431902666

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

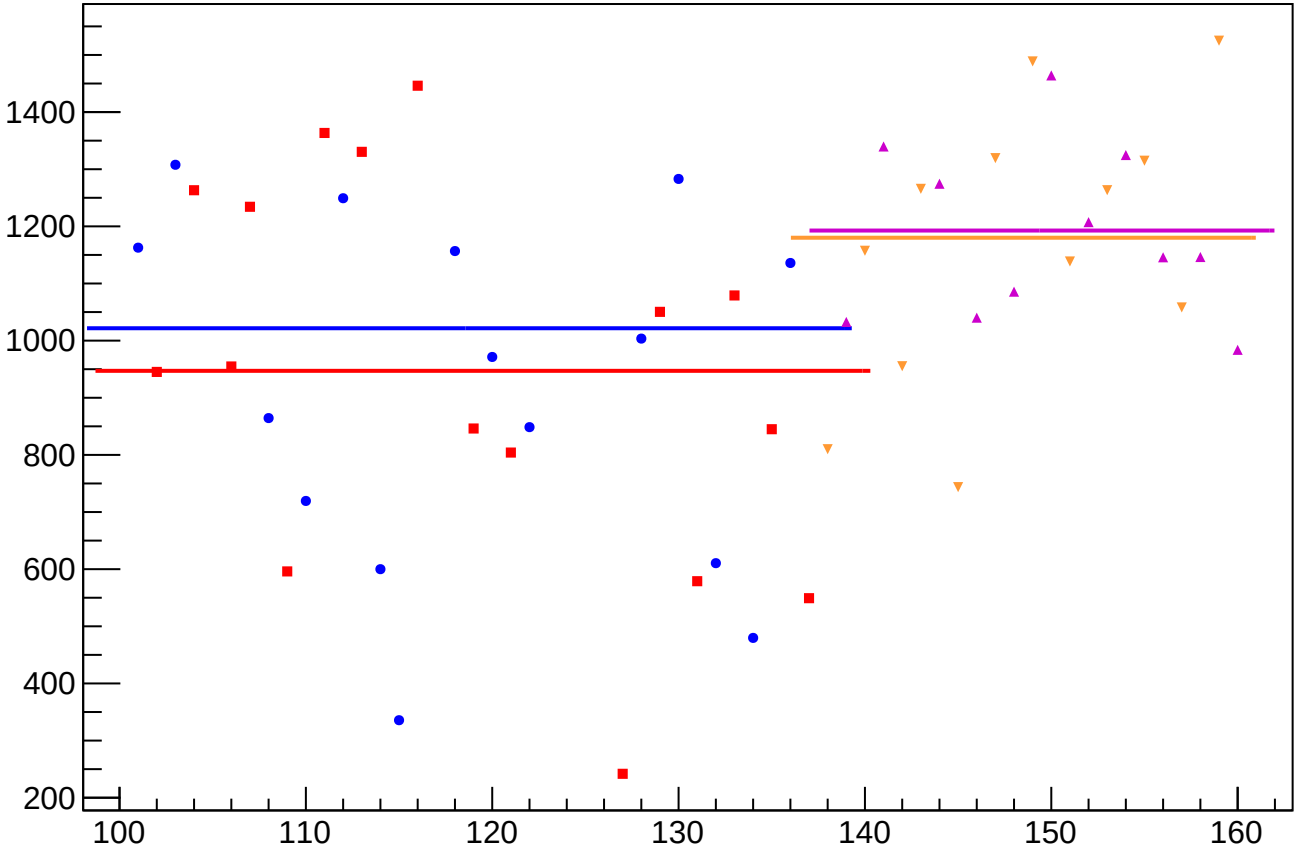
All: 10.418+/-0.000 χ^2/NDF: 415971934979 4

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

- sign 10.287+/-0.000 χ^2/NDF: 1789615499240610

Left In: 9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

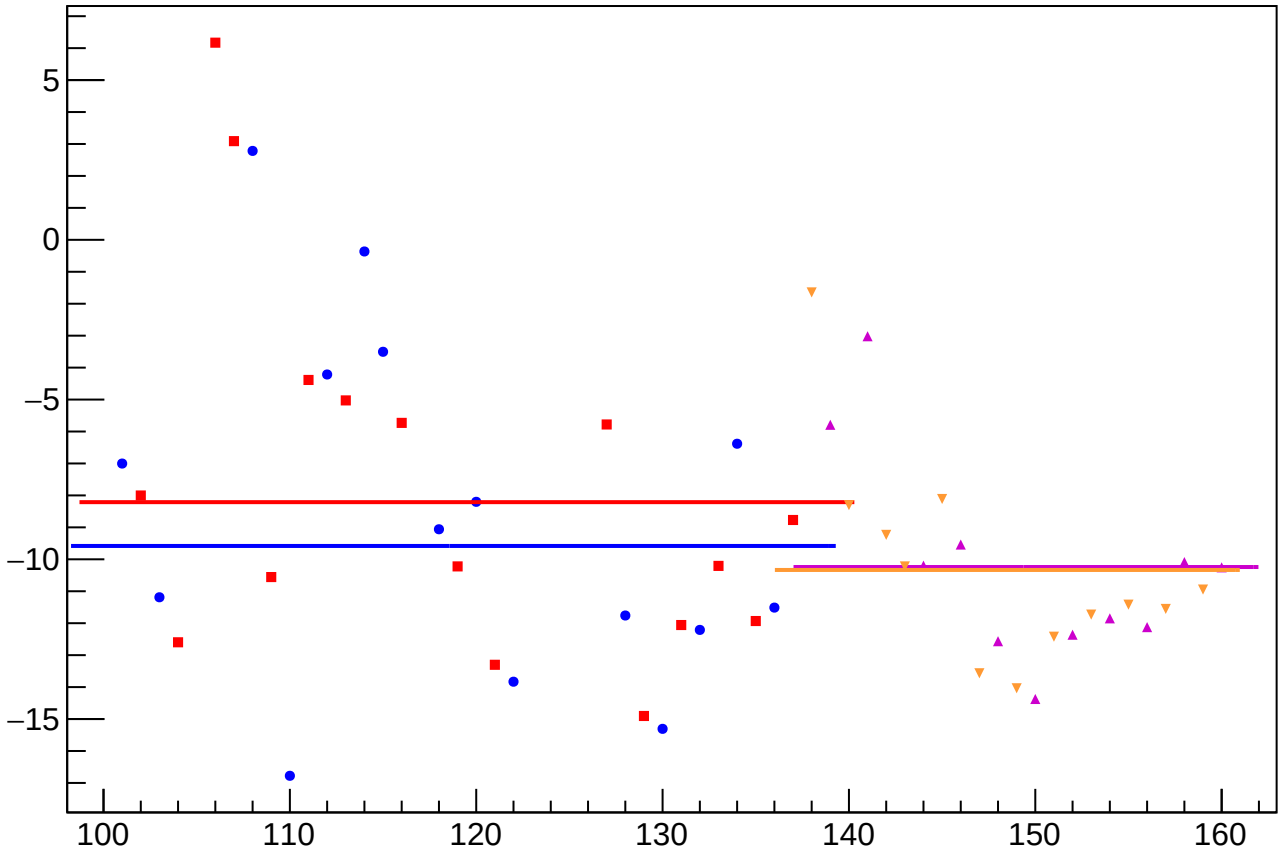
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -10.022+/-0.000 χ^2/NDF: 242946352397110

Left Out: -10.333+/-0.000 χ^2/NDF:937769242502636537504704147488768 0.0/11

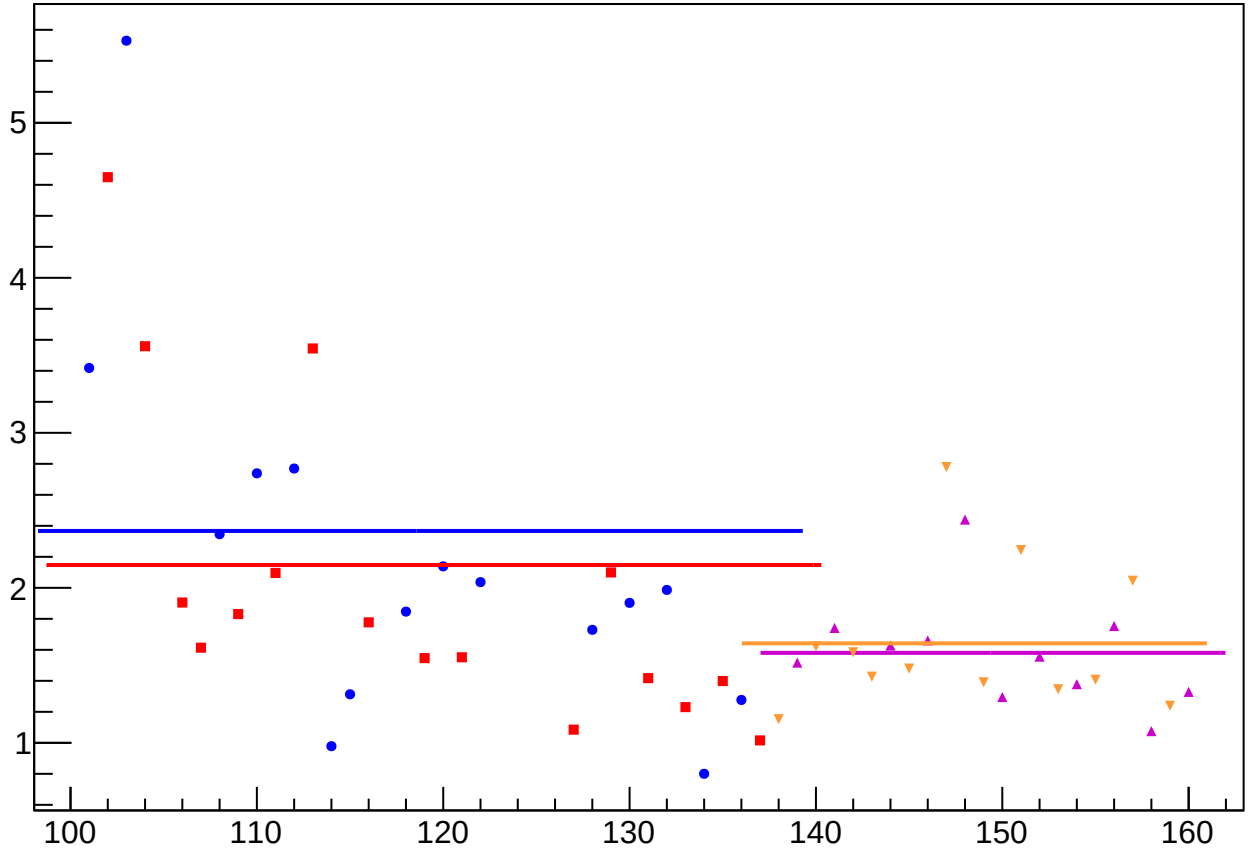
All: -9.703+/-0.000 χ^2/NDF: 5350258312452

Right Out: -8.211+/-0.000 χ^2/NDF: 183042372938359614656057542044549 12.0/15

- sign -9.390+/-0.000 χ^2/NDF: 2889381959602526 7

Left In: -10.241+/-0.000 χ^2/NDF:899282908840843048348597777281843 2.0/10

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:195842148226043527039909915262976.0/11

Right Out: 2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

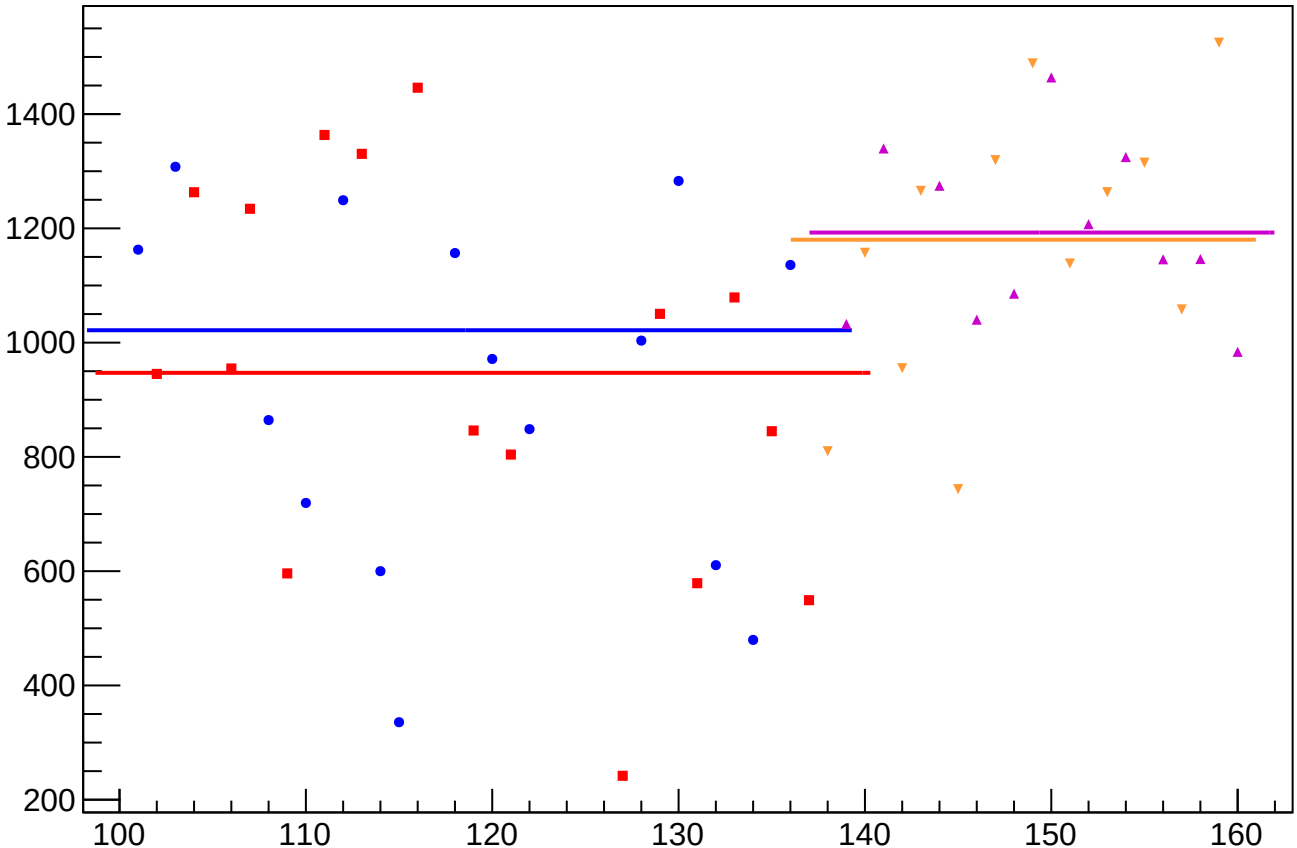
Left In: 1.580+/-0.000 χ^2/NDF:104159820106689813353171792166912.0/10

+ sign 1.943+/-0.000 χ^2/NDF: 1315983441767776

All: 1.880+/-0.000 χ^2/NDF: 2321029523106

- sign 1.818+/-0.000 χ^2/NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

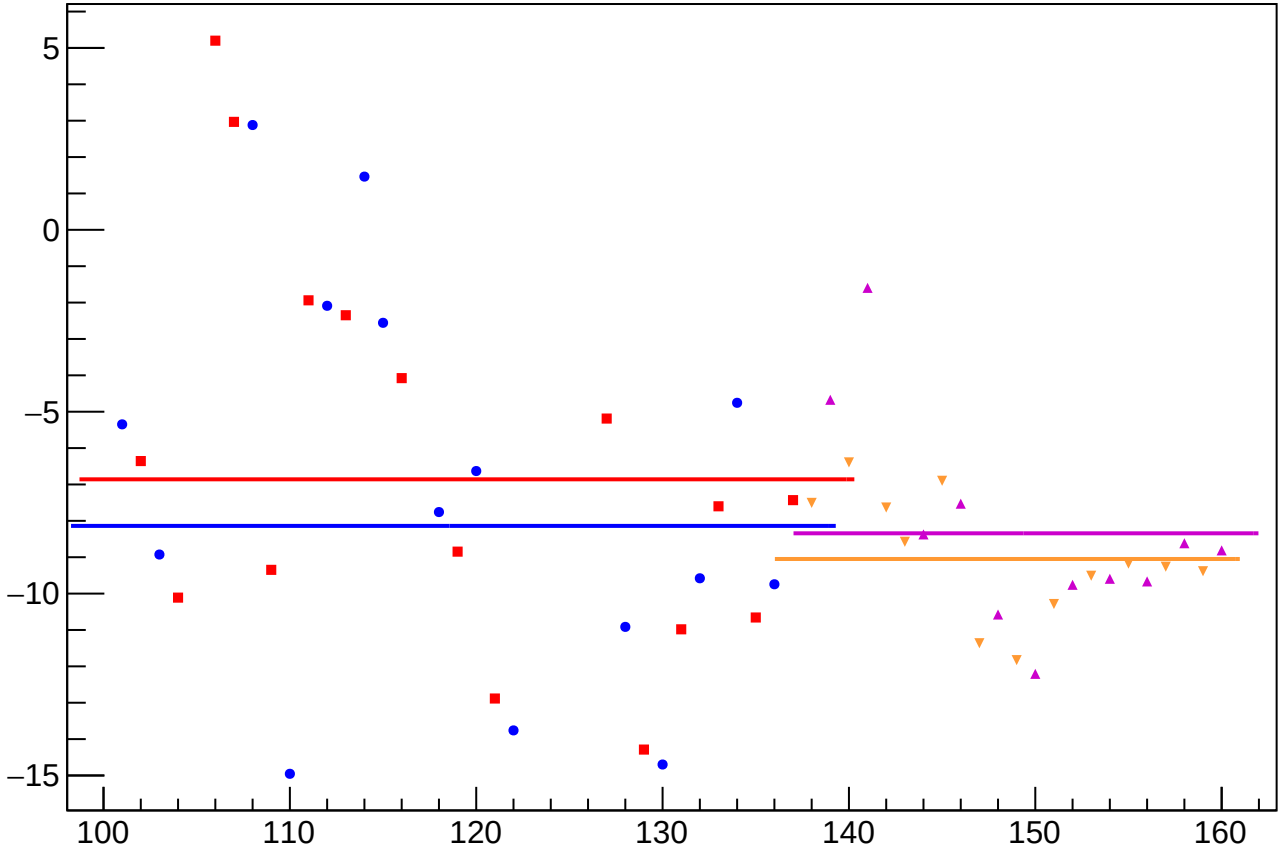
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -9.049+/-0.000 χ^2/NDF:2449058506184839792133889501167616.0/11

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

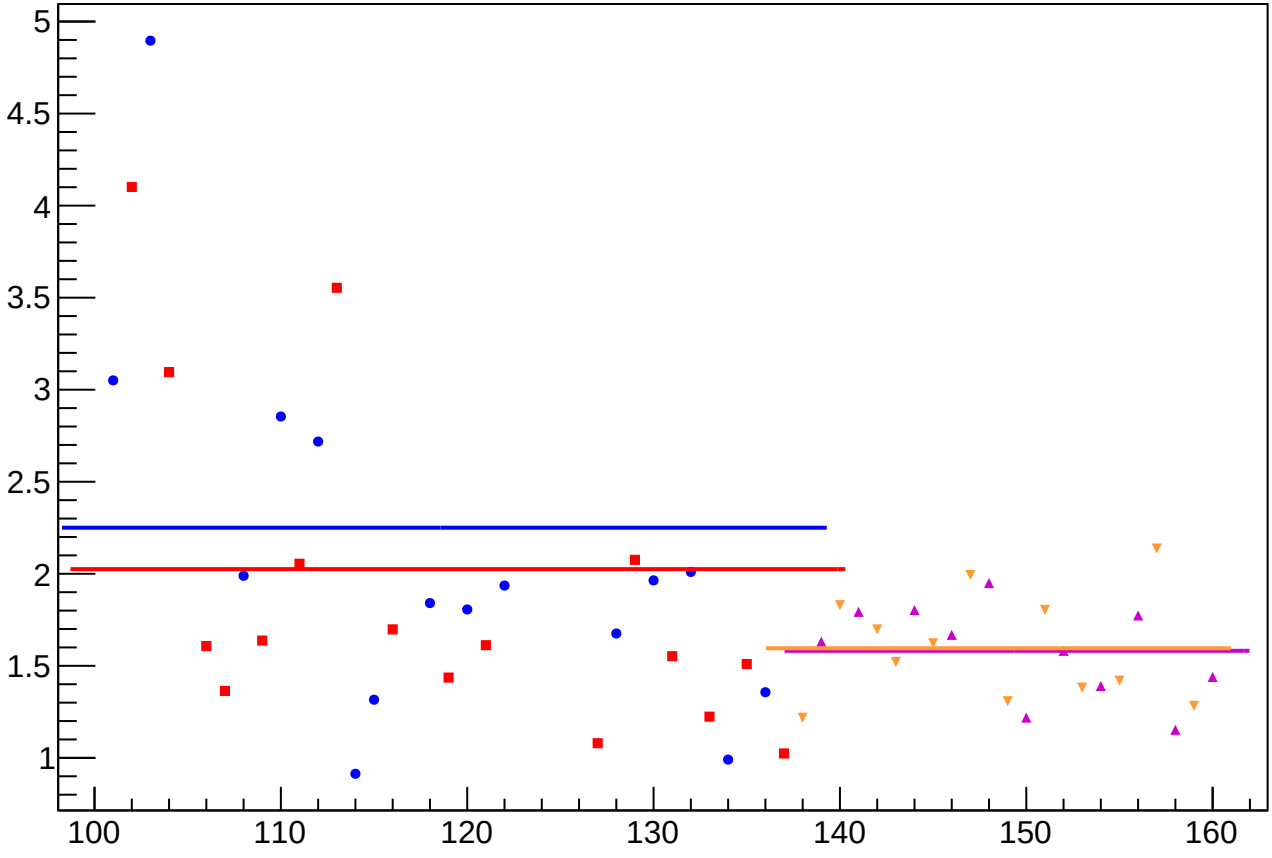
Left In: -8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

+ 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: 2460541769521765

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

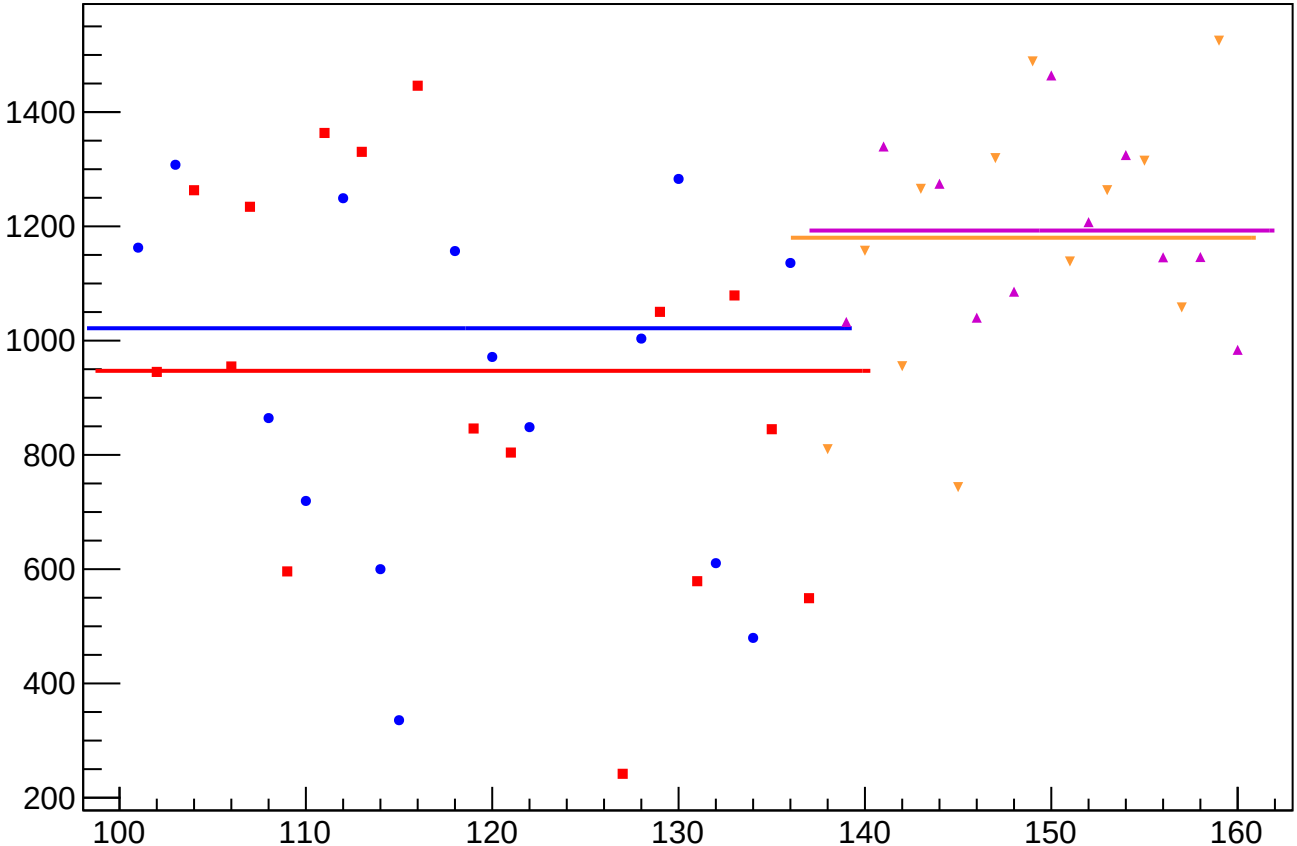
Left In: 1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

+ sign 1.867+/-0.000 χ^2/NDF: 8961684903925900 9

All: 1.817+/-0.000 χ^2/NDF: 1613932314765 0

- sign 1.768+/-0.000 χ^2/NDF: 7099264779947717 7

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

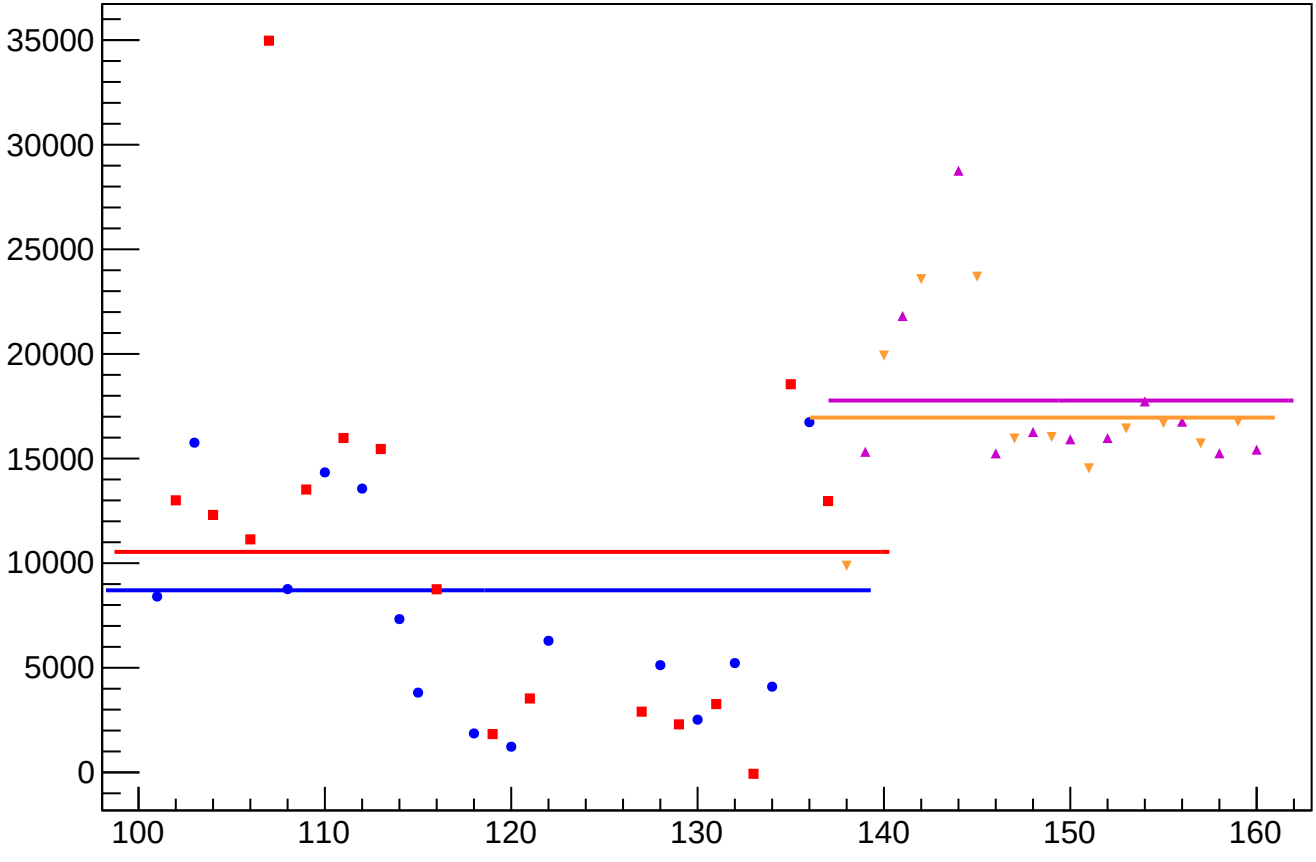
Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

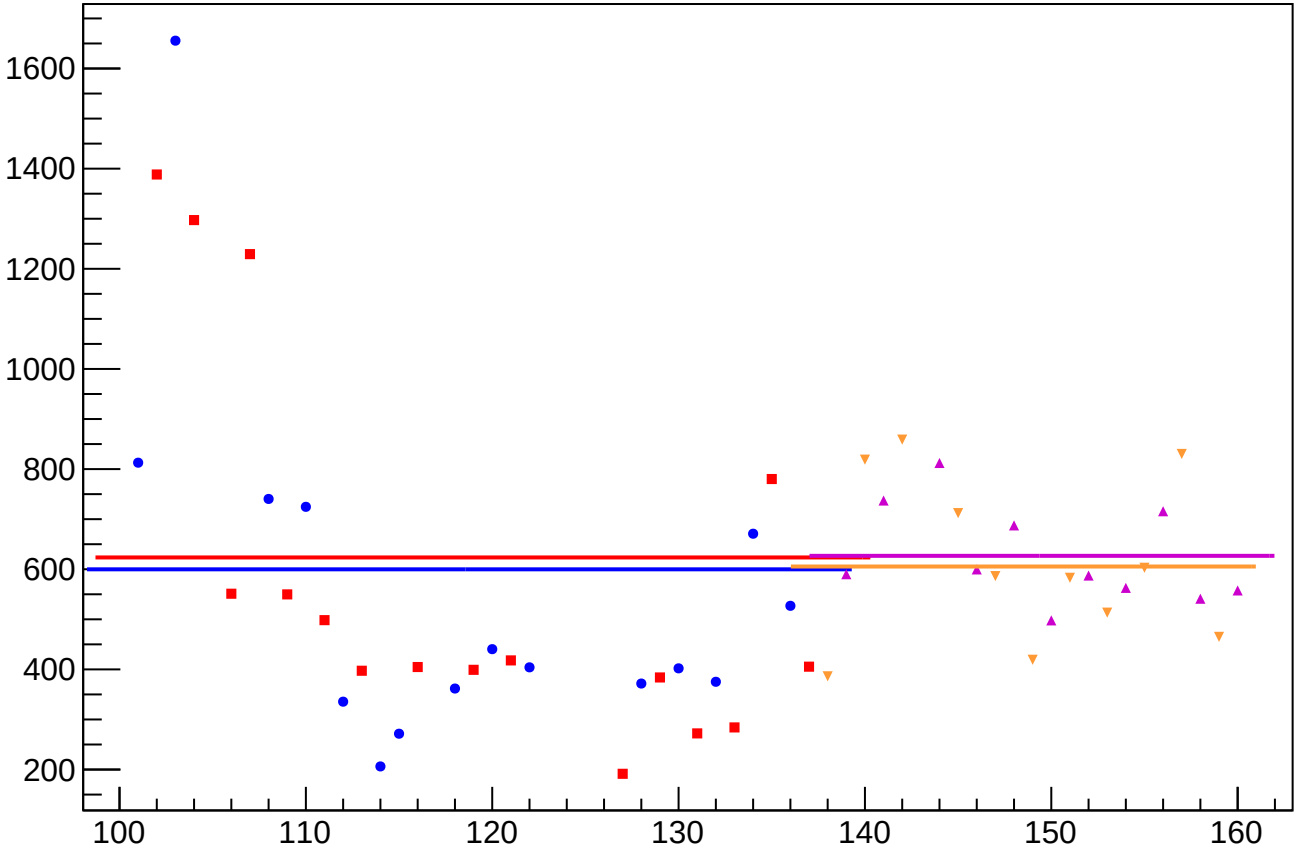
Left In: 17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

+ sign 13376.690+/-0.000 χ^2/NDF: 5547433572288

All: 14079.562+/-0.000 χ^2/NDF: 1383312786

- sign 14740.464+/-0.000 χ^2/NDF: 8142294021651

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847 2704.0/14

+ sign 603.023+/-0.000 χ^2/NDF: 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF:206000366965768896864889138627068559 36.0/10

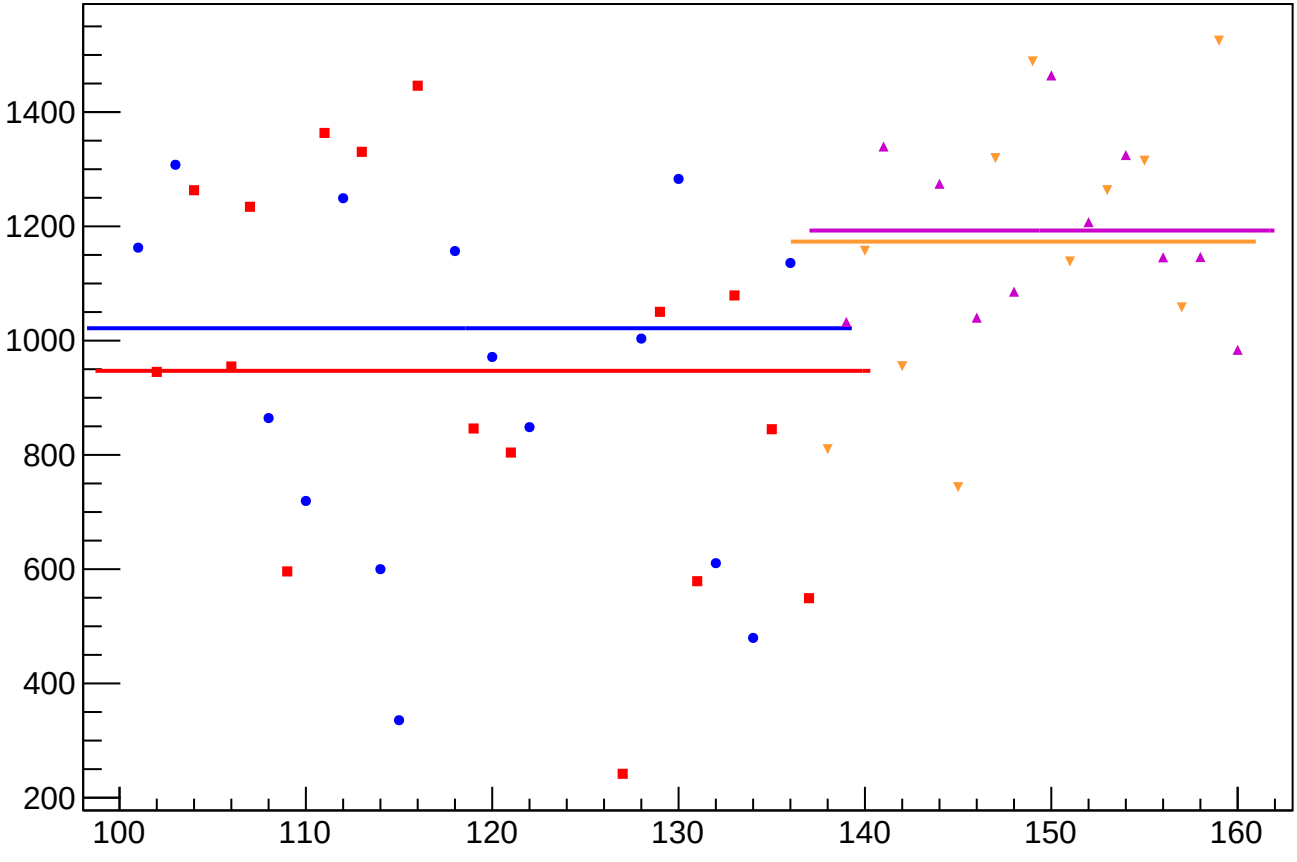
All: 614.575+/-0.000 χ^2/NDF: 21988174064 5

Right Out: 623.569+/-0.000 χ^2/NDF: 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF: 109623841978162

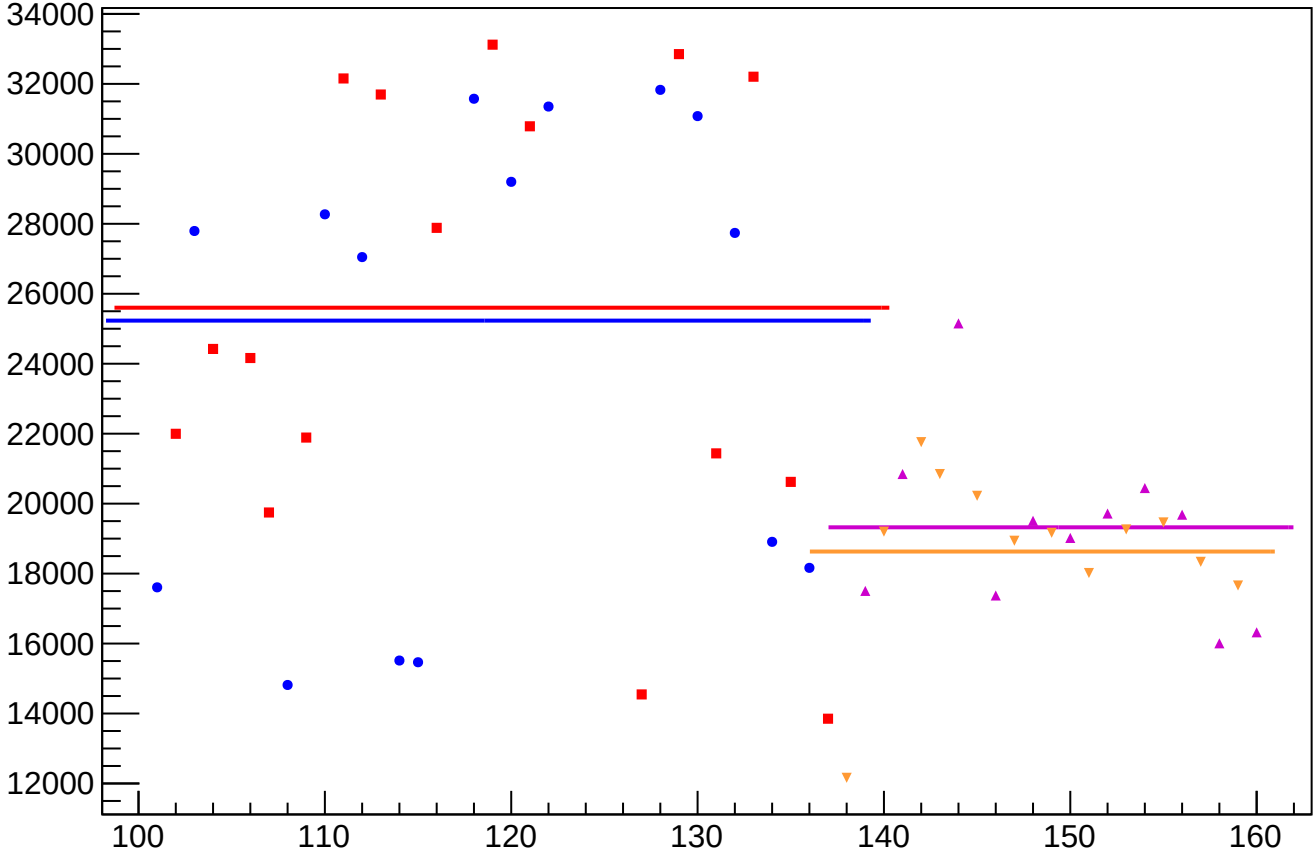
Left In: 626.785+/-0.000 χ^2/NDF:817098942966537005025427577470399 2832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ 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: 2098418779 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 21371.781+/-0.000 χ^2/NDF: 4557364101800

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

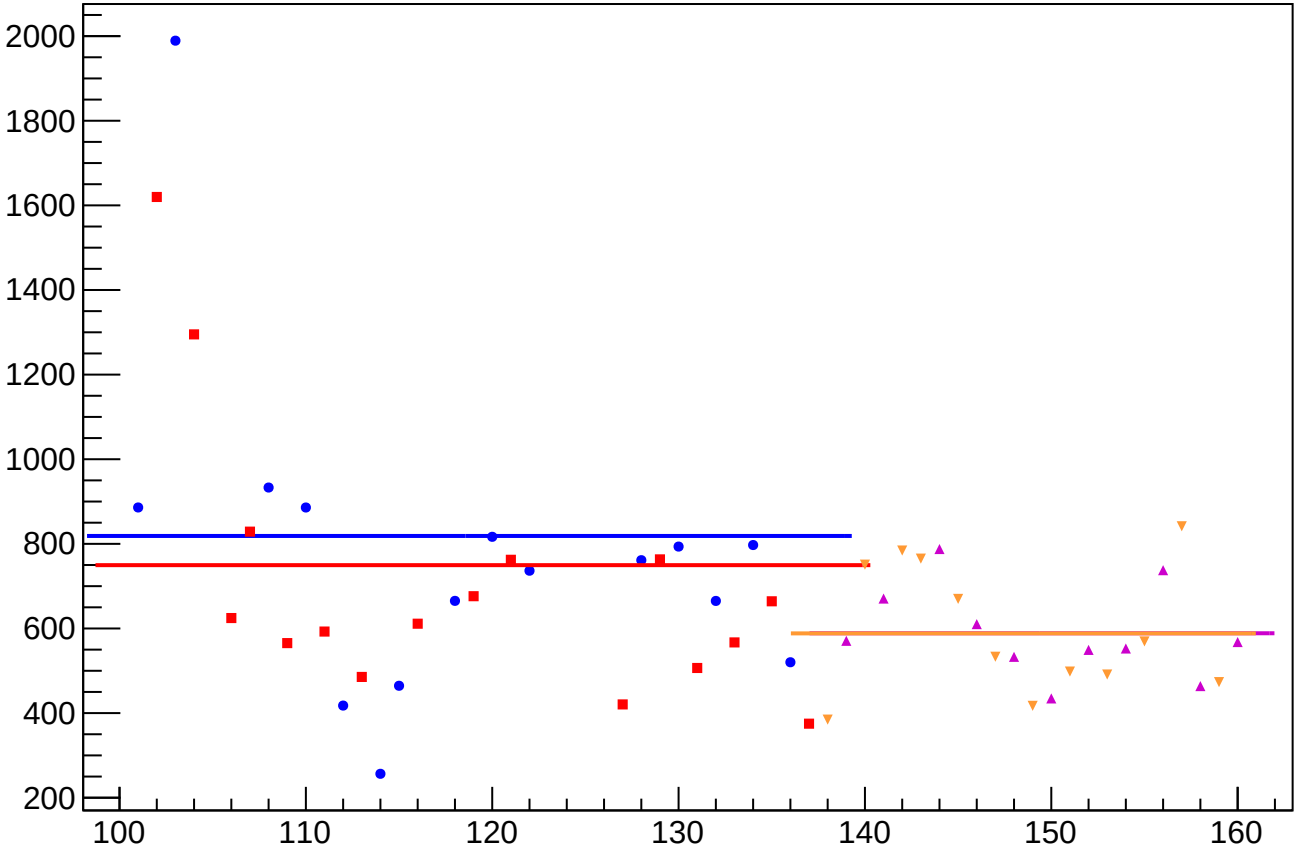
All: 21666.026+/-0.000 χ^2/NDF: 9098110501

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 21955.094+/-0.000 χ^2/NDF: 4513919478175

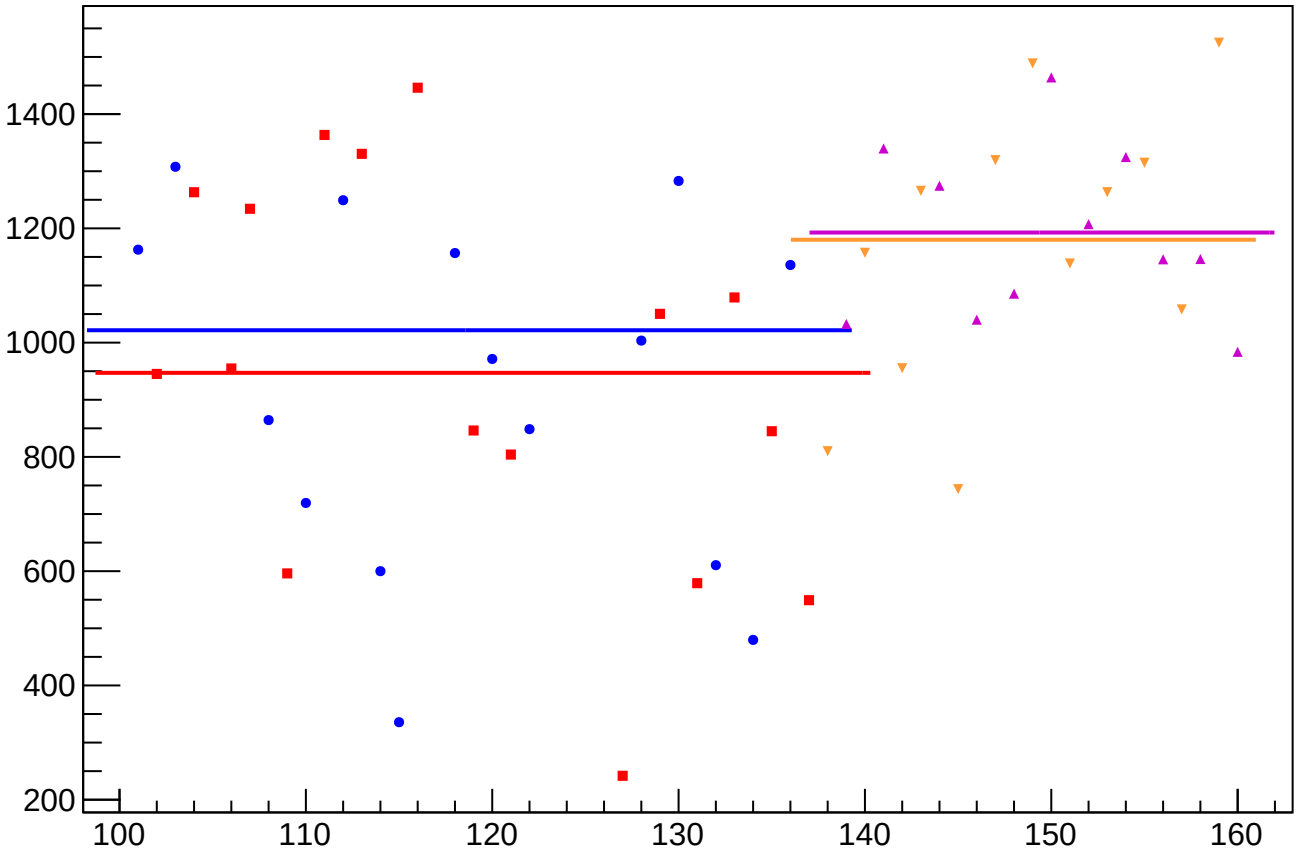
Left In: 19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 684.008+/-0.000 χ^2/NDF: 1457915690693 88
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811 3792.0/11
All: 669.969+/-0.000 χ^2/NDF: 2443165090 40
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 656.176+/-0.000 χ^2/NDF: 979142023590546
Left In: 588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

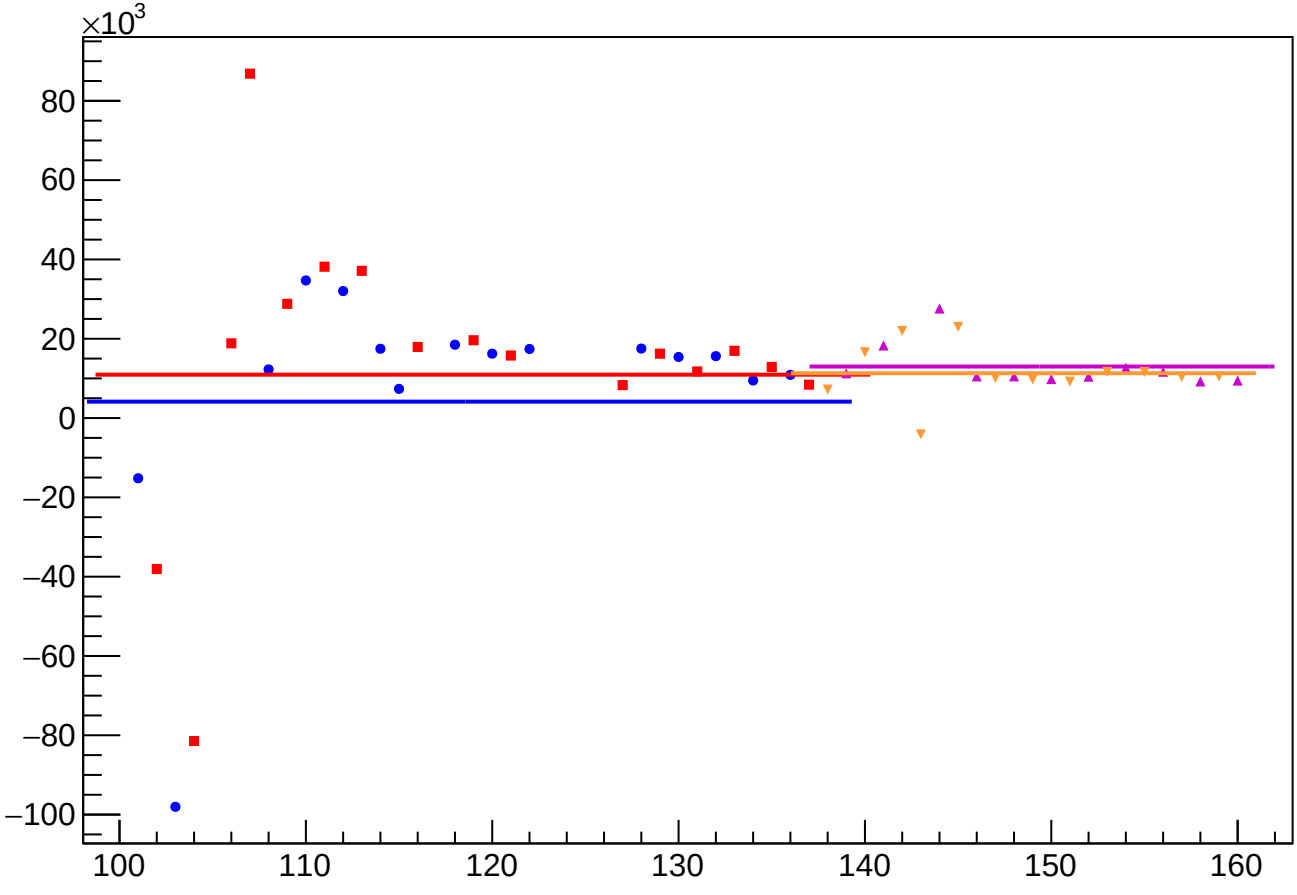
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

+ sign 8333.706+/-0.000 χ^2/NDF: 8194448772748 5

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

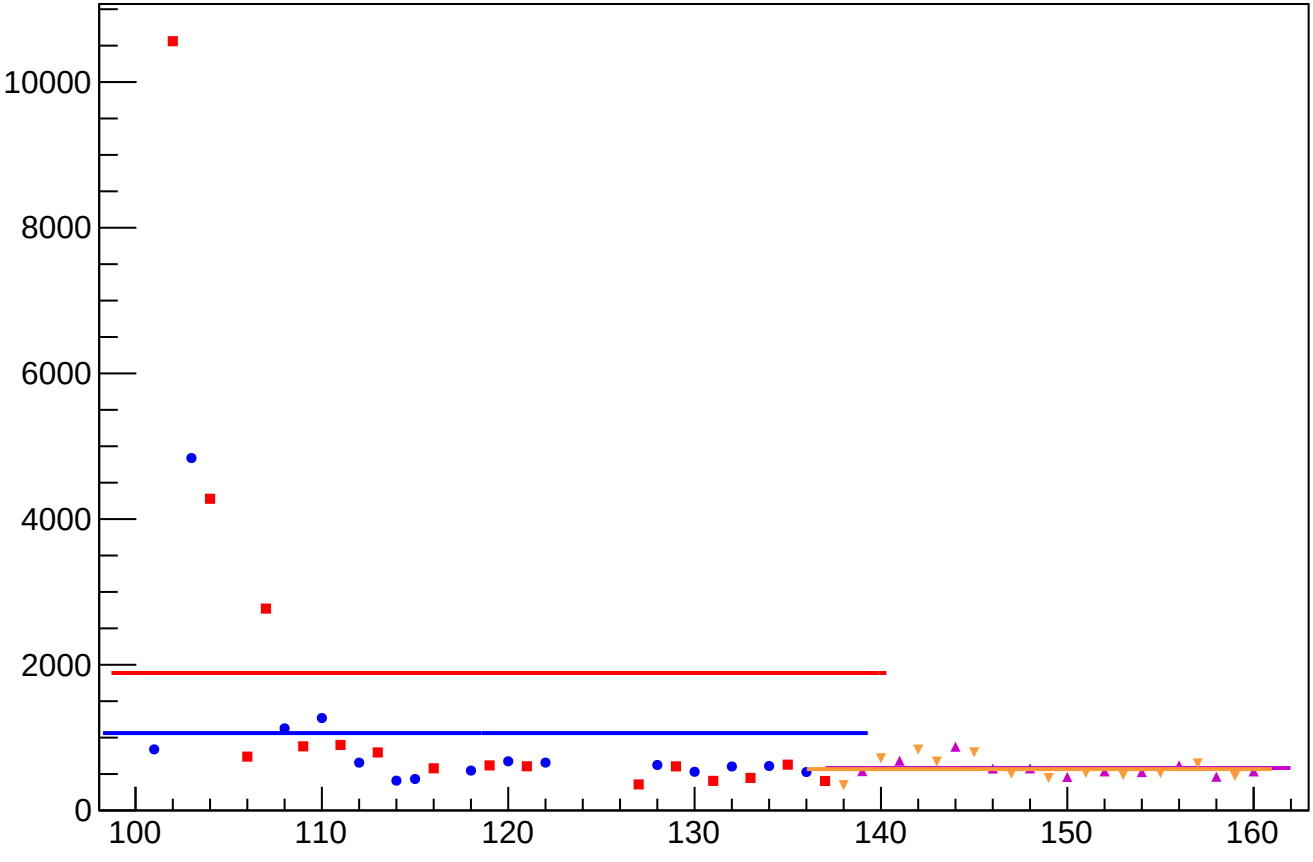
All: 10251.942+/-0.000 χ^2/NDF: 1732817087

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12136.418+/-0.000 χ^2/NDF: 9019709098500

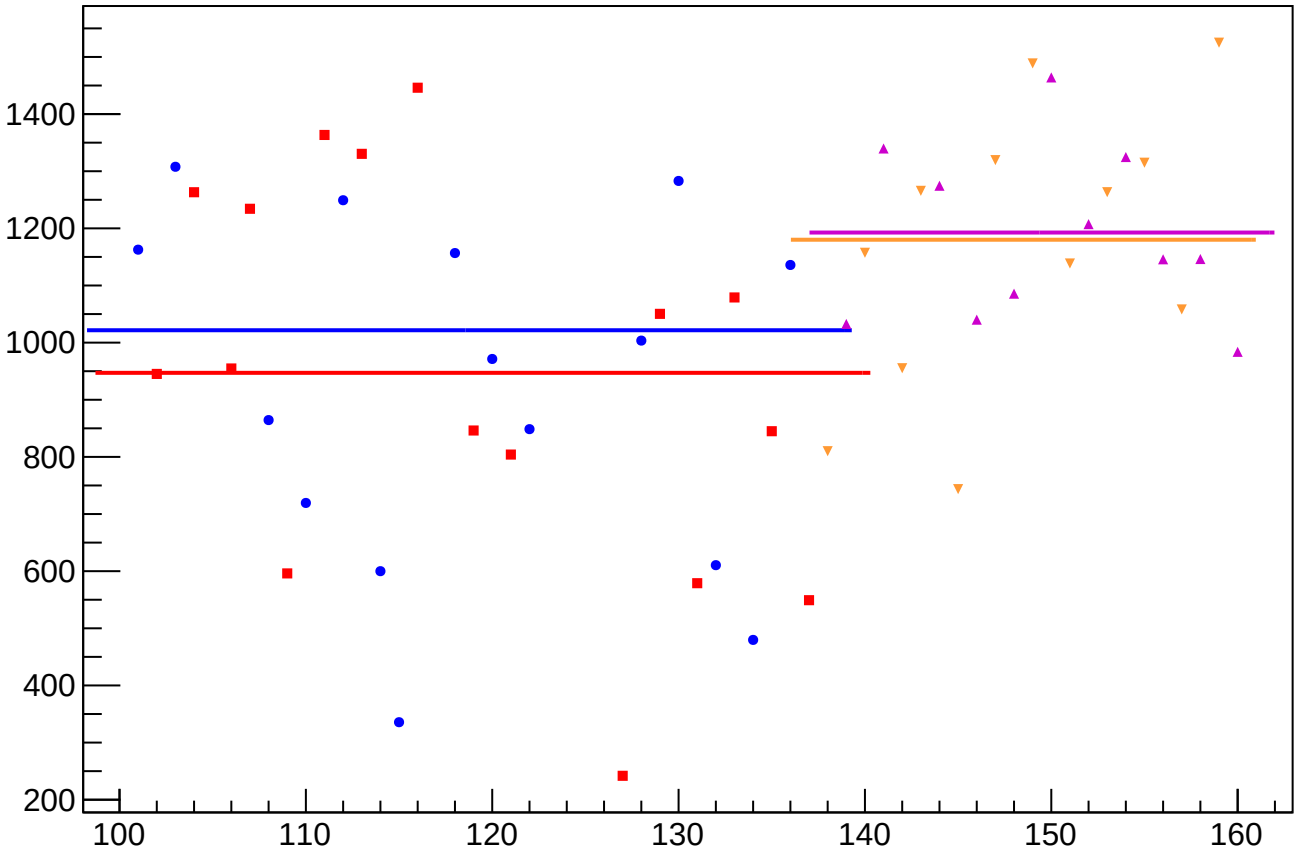
Left In: 12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14
+ sign 773.025+/-0.000 χ^2/NDF: 106309785539188
Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11
All: 952.780+/-0.000 χ^2/NDF: 736031273486
Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15
- sign 1129.371+/-0.000 χ^2/NDF: 61970965674299
Left In: 582.413+/-0.000 χ^2/NDF:118601444625381818138146789657296240 64.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

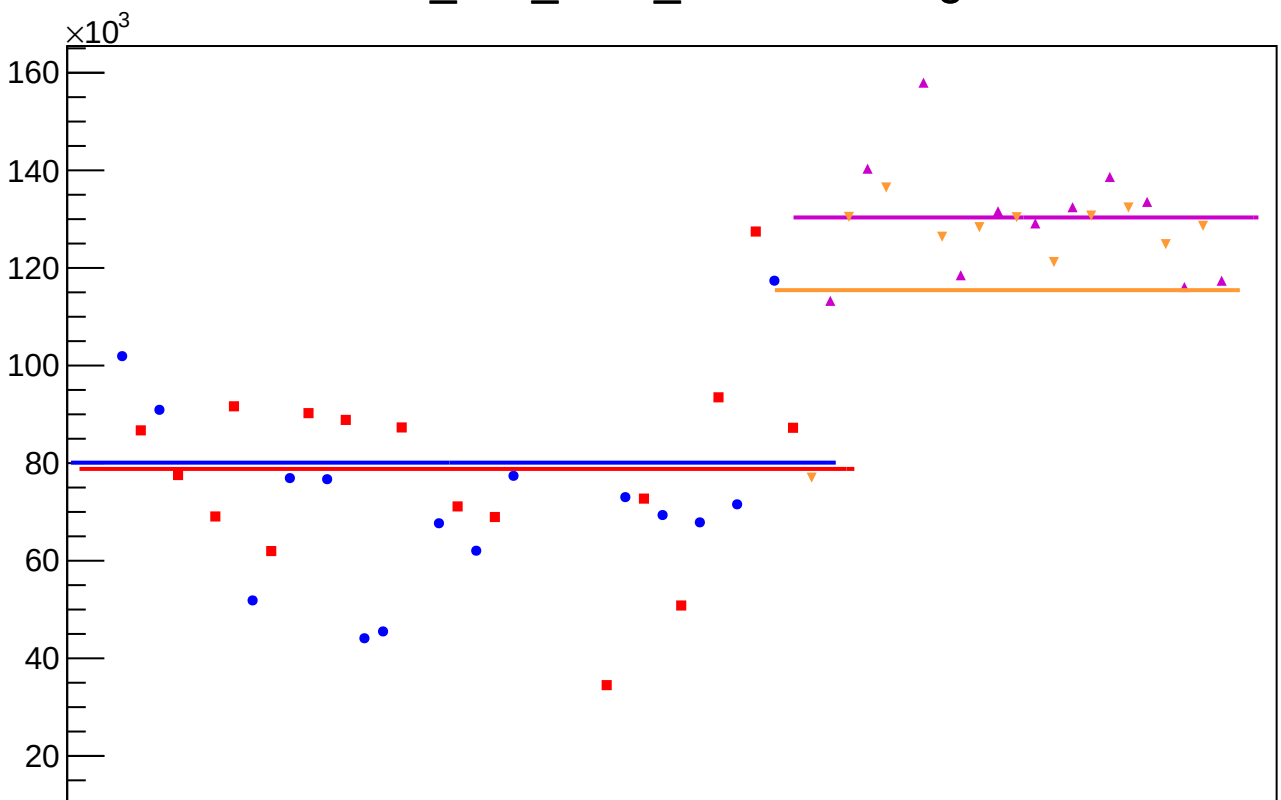
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

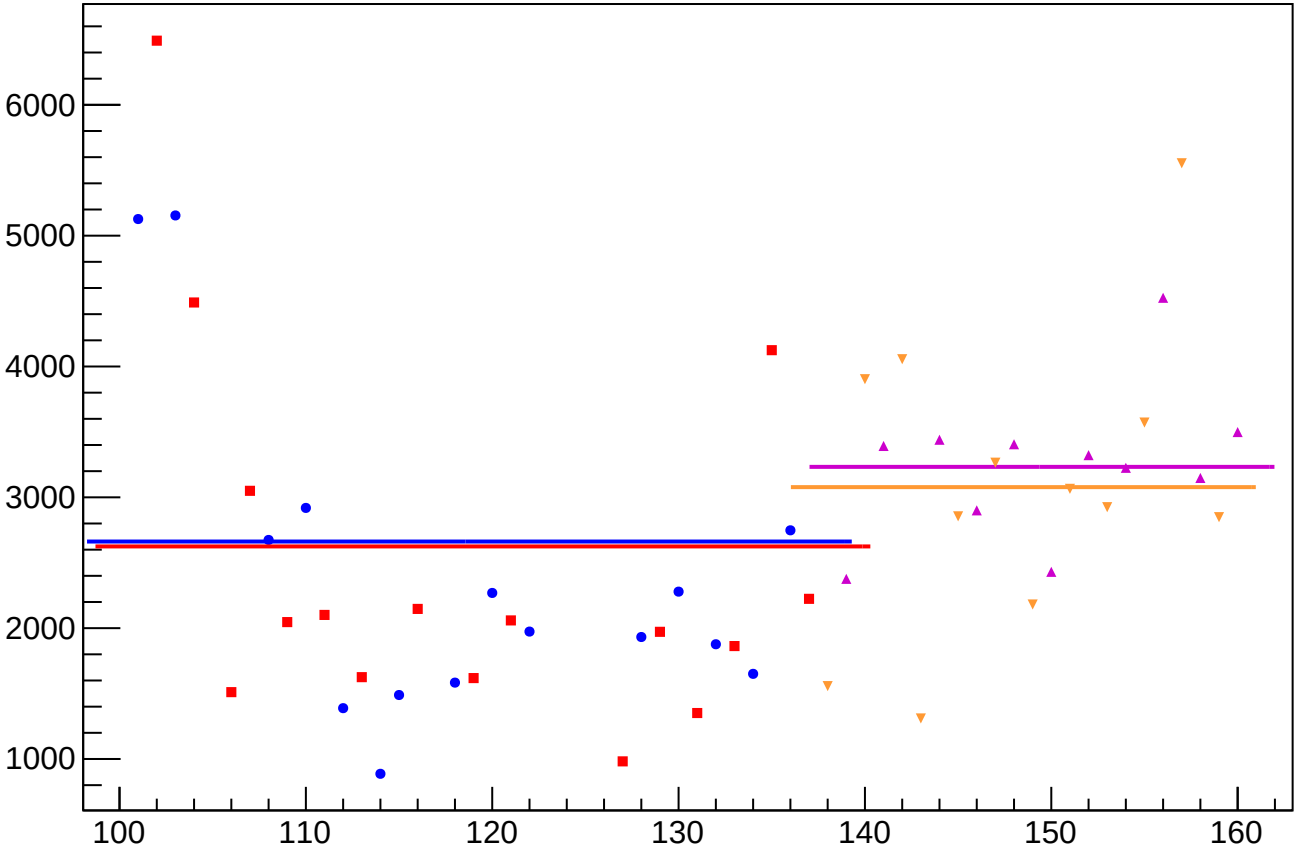
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
+ sign 100772.113+/-0.000 χ^2/NDF: 17674802689 5
Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11
All: 104792.930+/-0.000 χ^2/NDF: 32804450 0
Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15
- sign 108742.985+/-0.000 χ^2/NDF: 146287150012
Left In: 130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785 14176.0/10

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

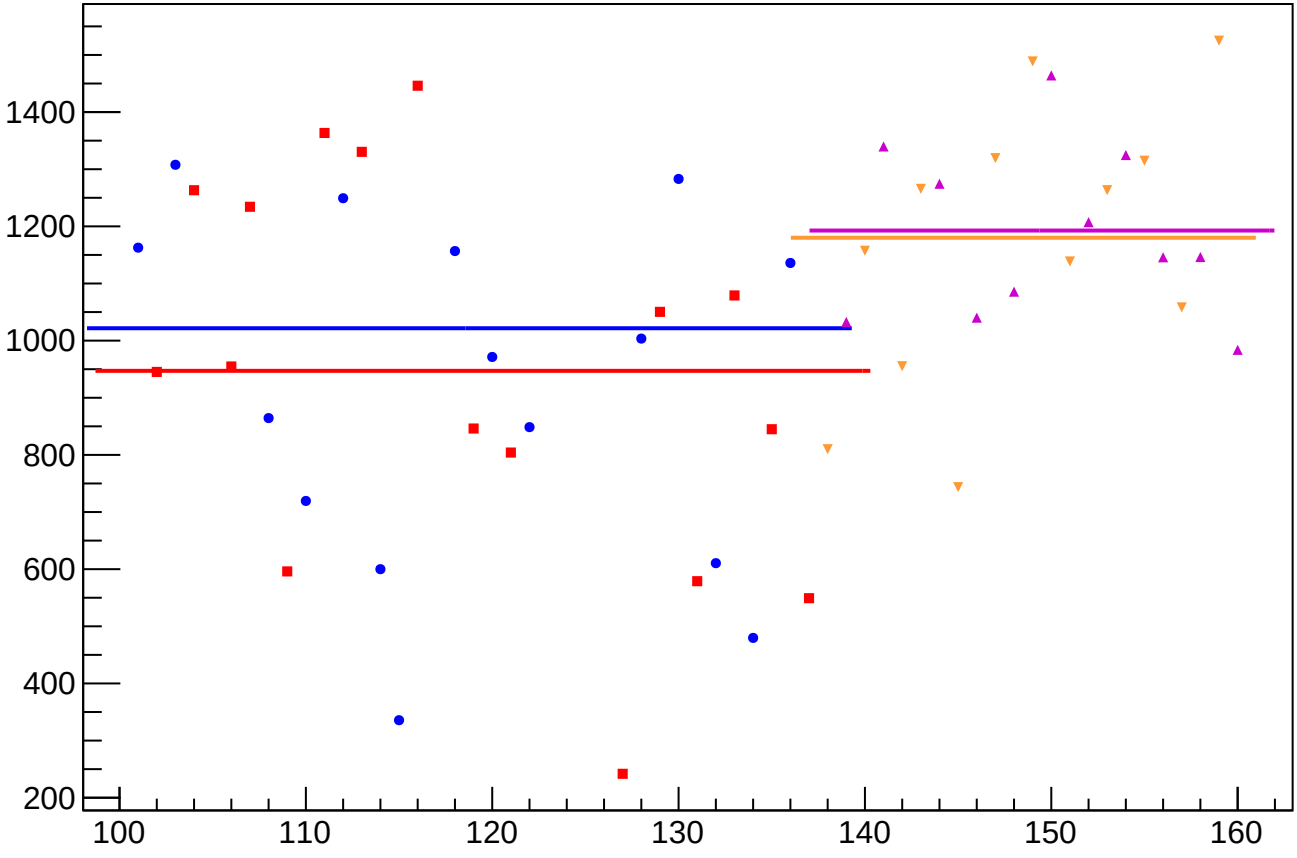
Left In: 3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938888.0/10

+ sign 2905.309+/-0.000 χ^2/NDF: 21707015926614

All: 2941.931+/-0.000 χ^2/NDF: 41605670277

- sign 2977.909+/-0.000 χ^2/NDF: 19857098184284

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

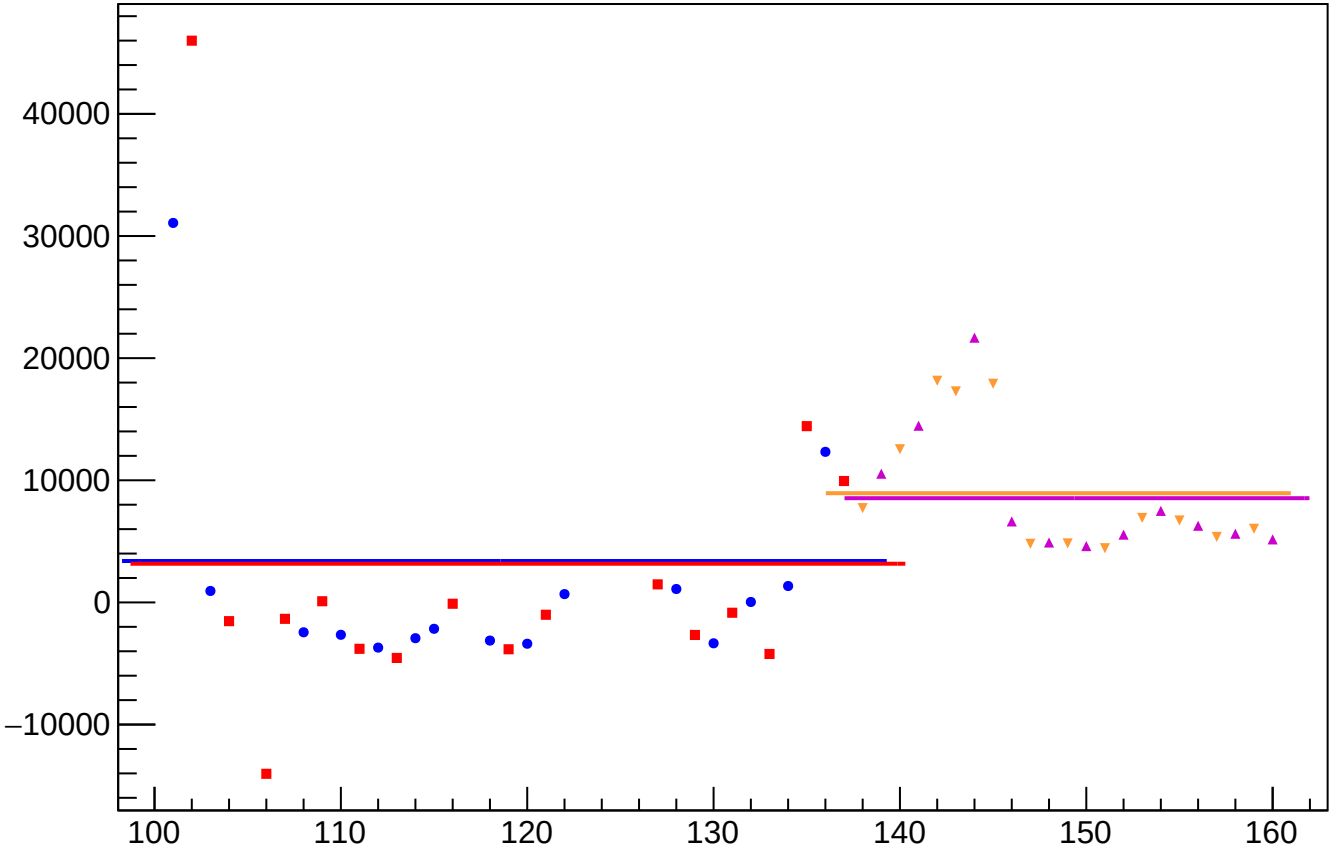
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

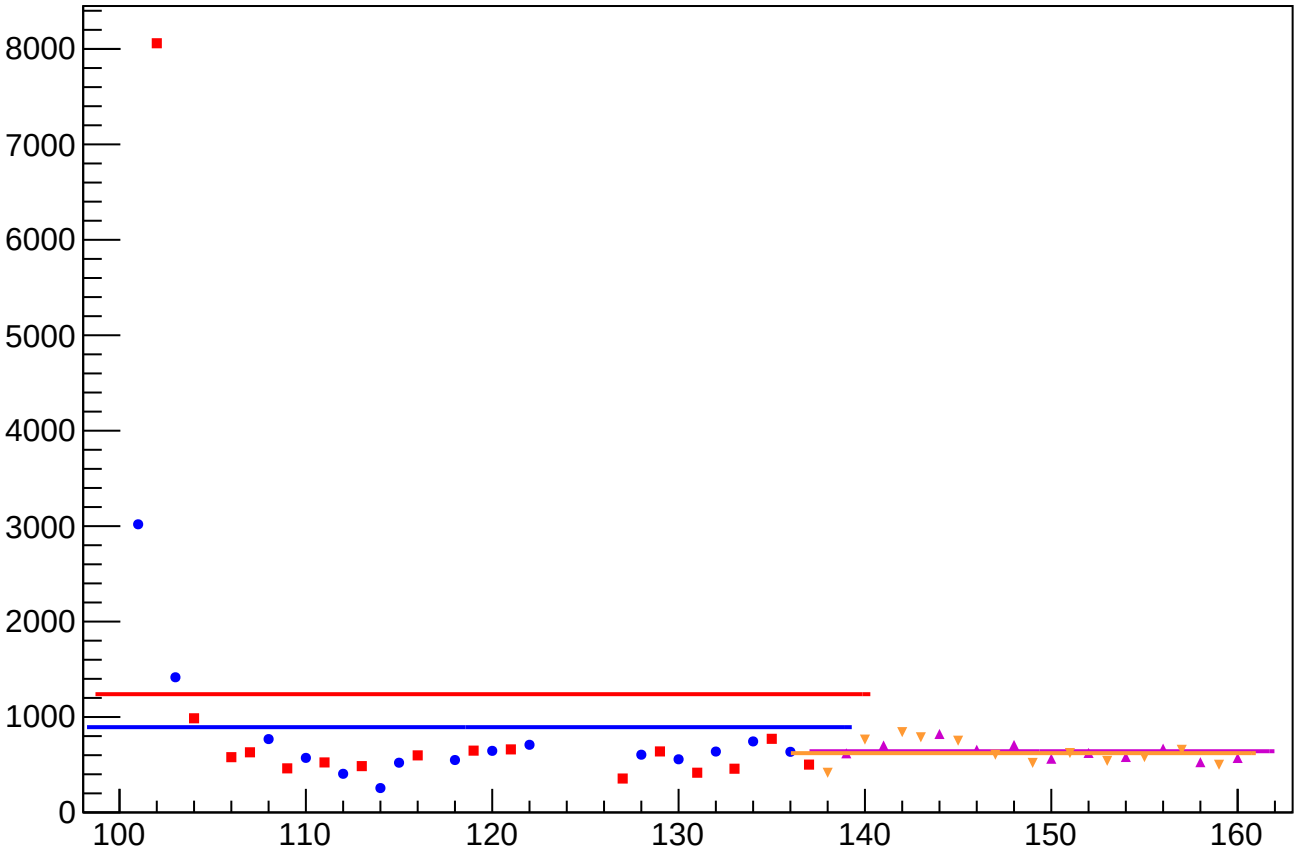
Left In: 1192.687+/-0.000 χ^2/NDF:19255287383728205662654022867381911552.0/10

dit_atr1_coil7_mean vs Slug



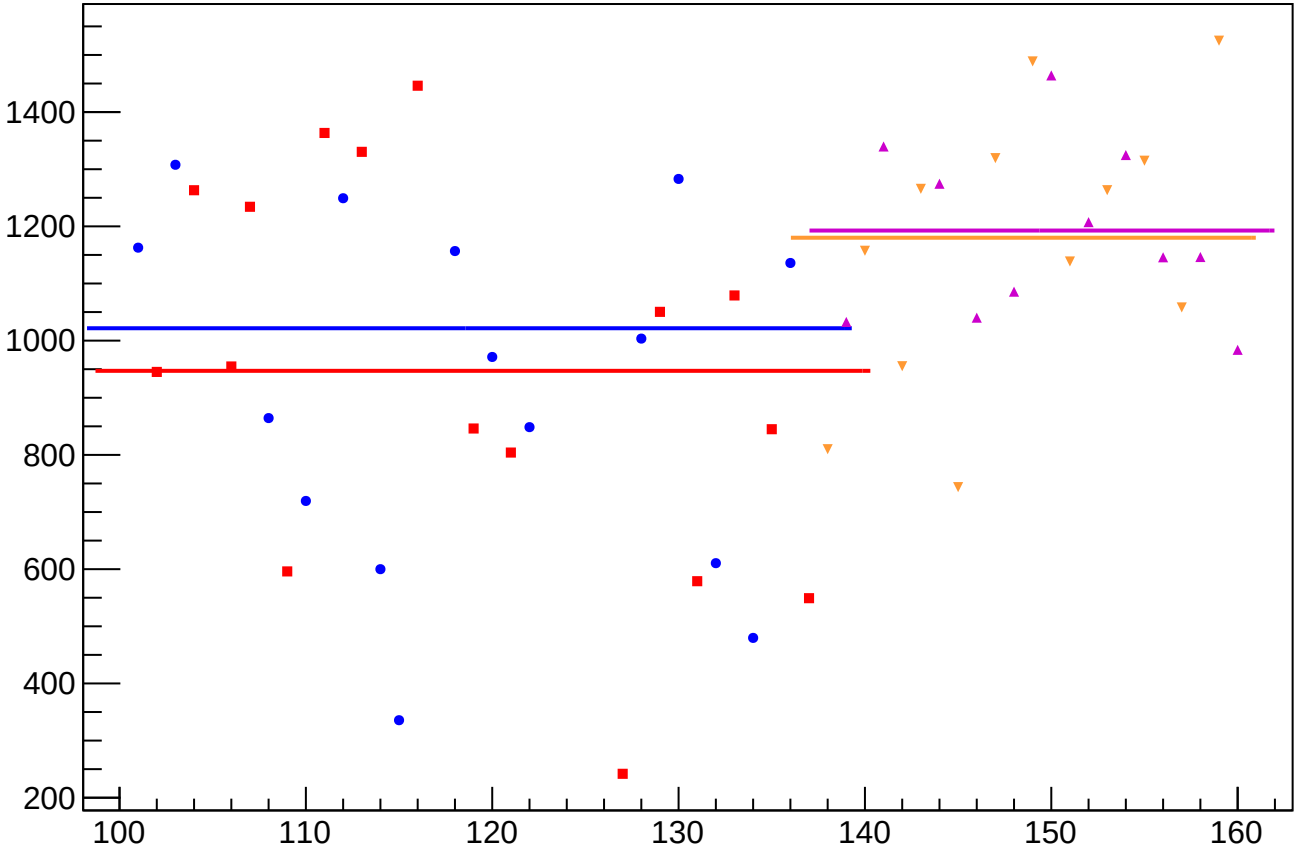
Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6636.719+/-0.000 χ^2/NDF: 10032445769830
Left Out: 8941.712+/-0.000 χ^2/NDF:227575427235299768629241896288372643594 24.0/11
All: 6458.520+/-0.000 χ^2/NDF: 2736278227 8
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6283.457+/-0.000 χ^2/NDF: 17320497250641
Left In: 8532.821+/-0.000 χ^2/NDF:242995159493802245863247375580952264704 00.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 734.457+/-0.000 χ^2/NDF: 375941972925027
Left Out: 621.395+/-0.000 χ^2/NDF:13220761349033595391183034930255888384.0/11
All: 813.984+/-0.000 χ^2/NDF: 351101342045
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500377 6.0/15
- sign 892.111+/-0.000 χ^2/NDF: 311547484911191
Left In: 641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554355 2.0/10

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

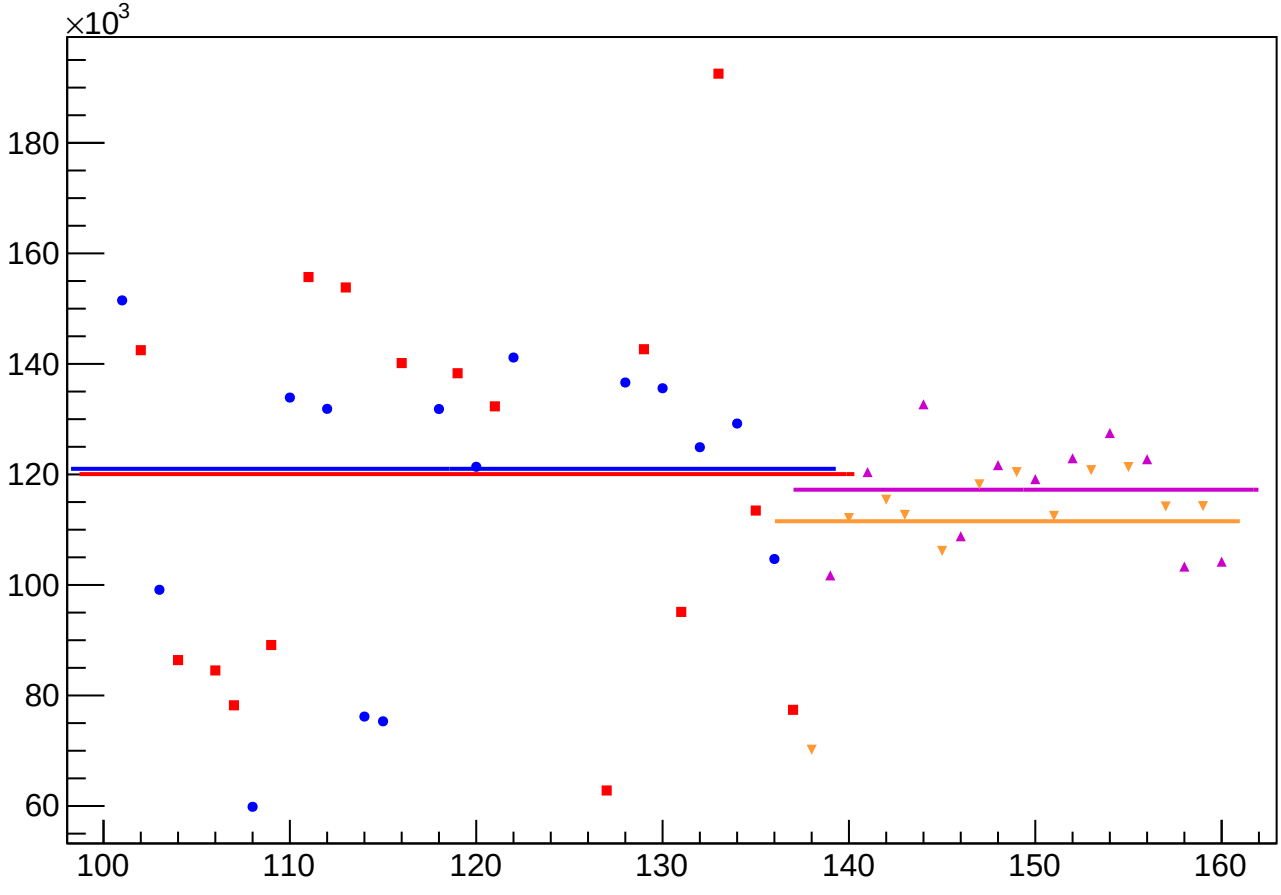
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

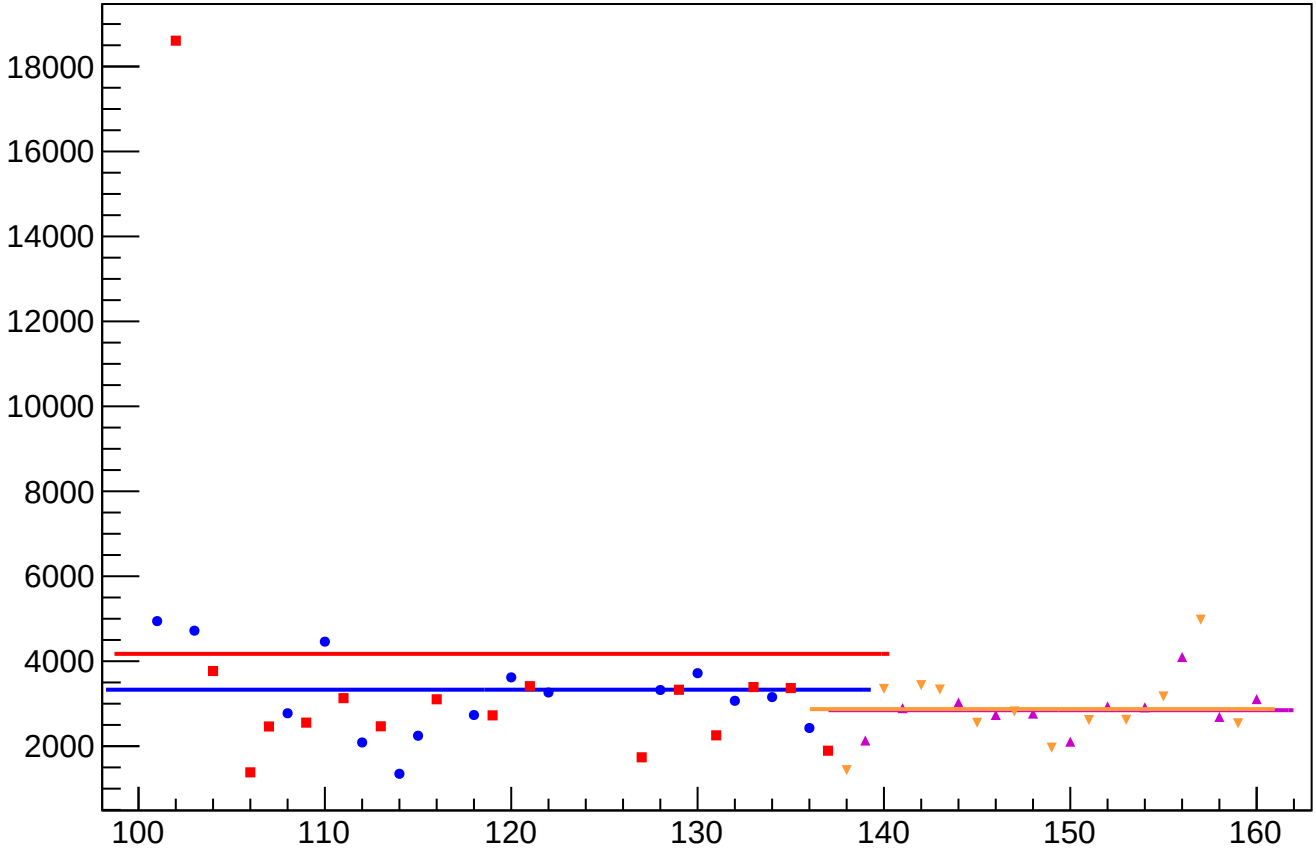
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115470.027+/-0.000 χ^2/NDF: 555580110243
Left Out: 111531.681+/-0.000 χ^2/NDF:1627242998299219503708342464173729130741 76.0/11
All: 116958.641+/-0.000 χ^2/NDF: 14862531 7
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 118421.056+/-0.000 χ^2/NDF: 923806900564
Left In: 117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3062.293+/-0.000 χ^2/NDF: 13091528183331

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

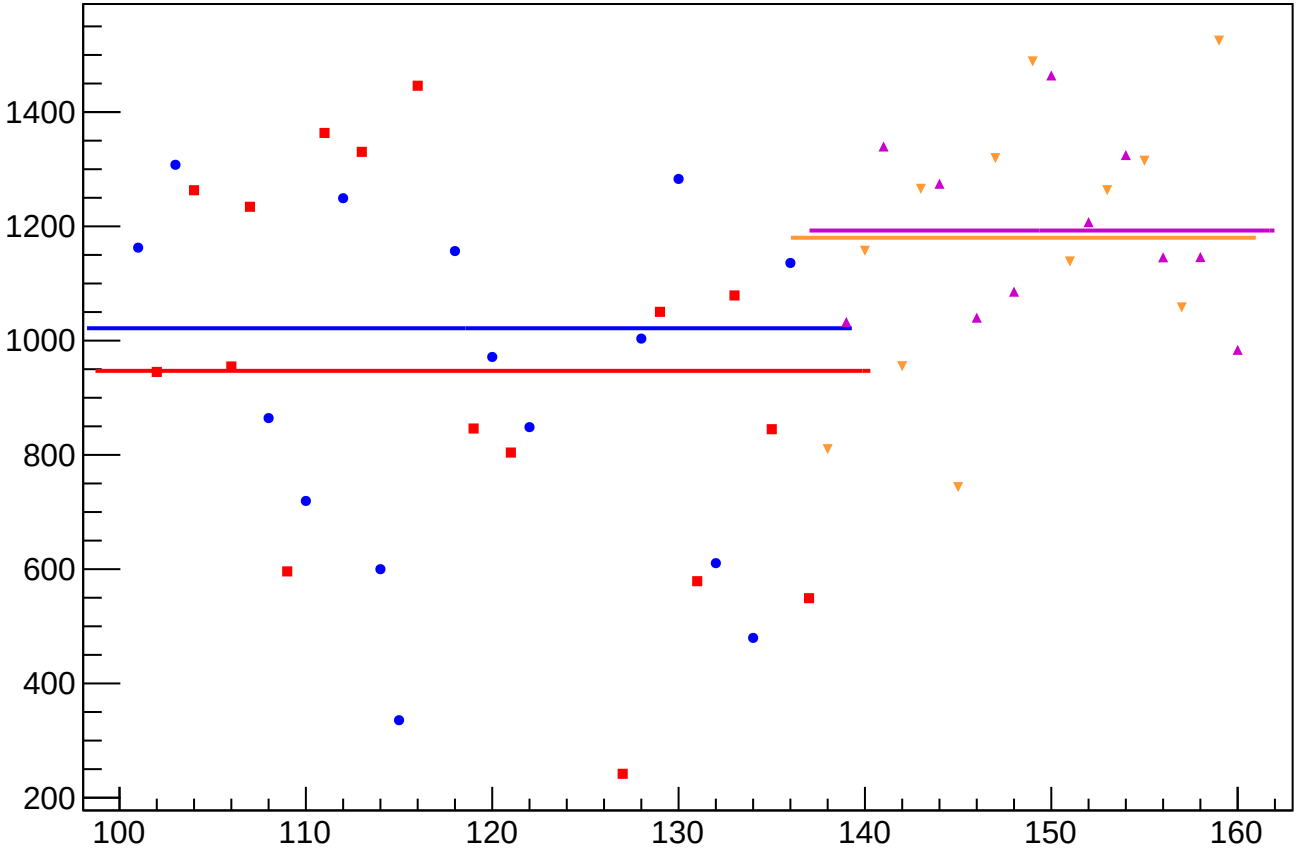
All: 3234.072+/-0.000 χ^2/NDF: 1581039287

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

- sign 3402.829+/-0.000 χ^2/NDF: 14409809055061

Left In: 2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

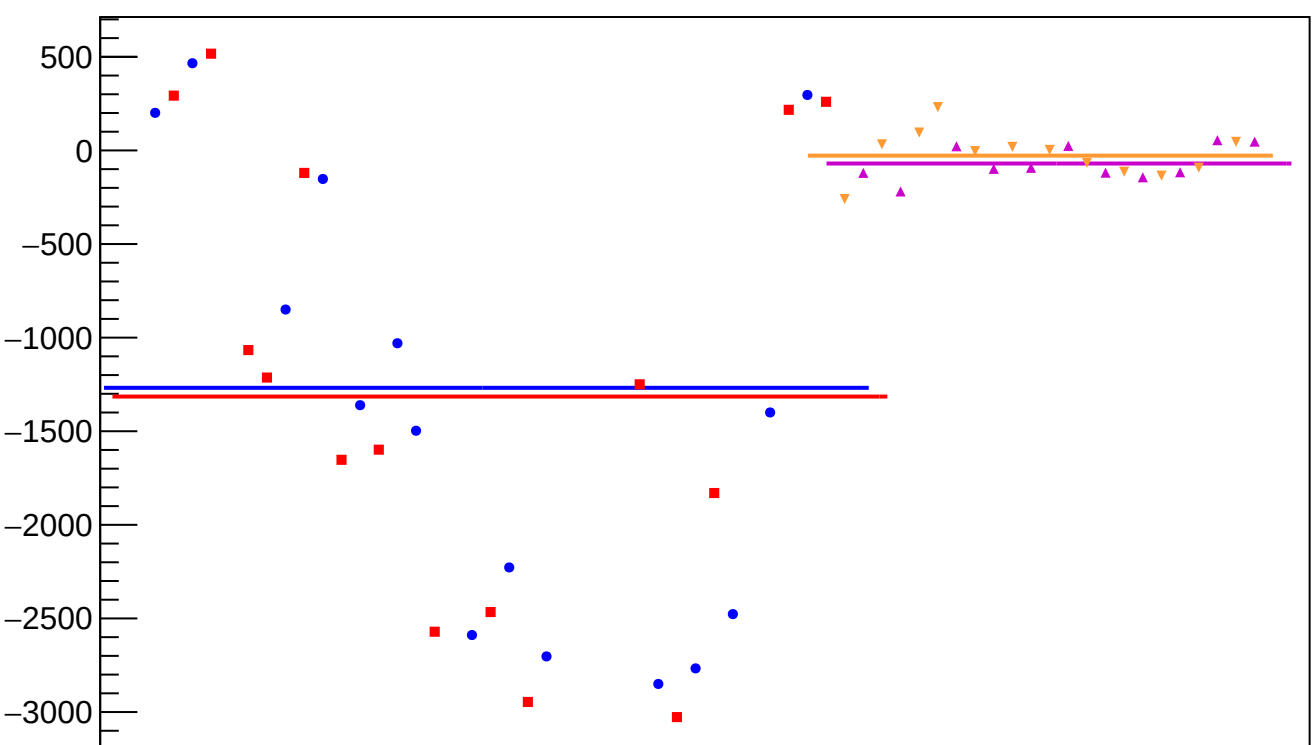
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -542.758+/-0.000 χ^2/NDF: 16885256839991

Left Out: -27.745+/-0.000 χ^2/NDF:124018662937763897824067331938771271 68.0/11

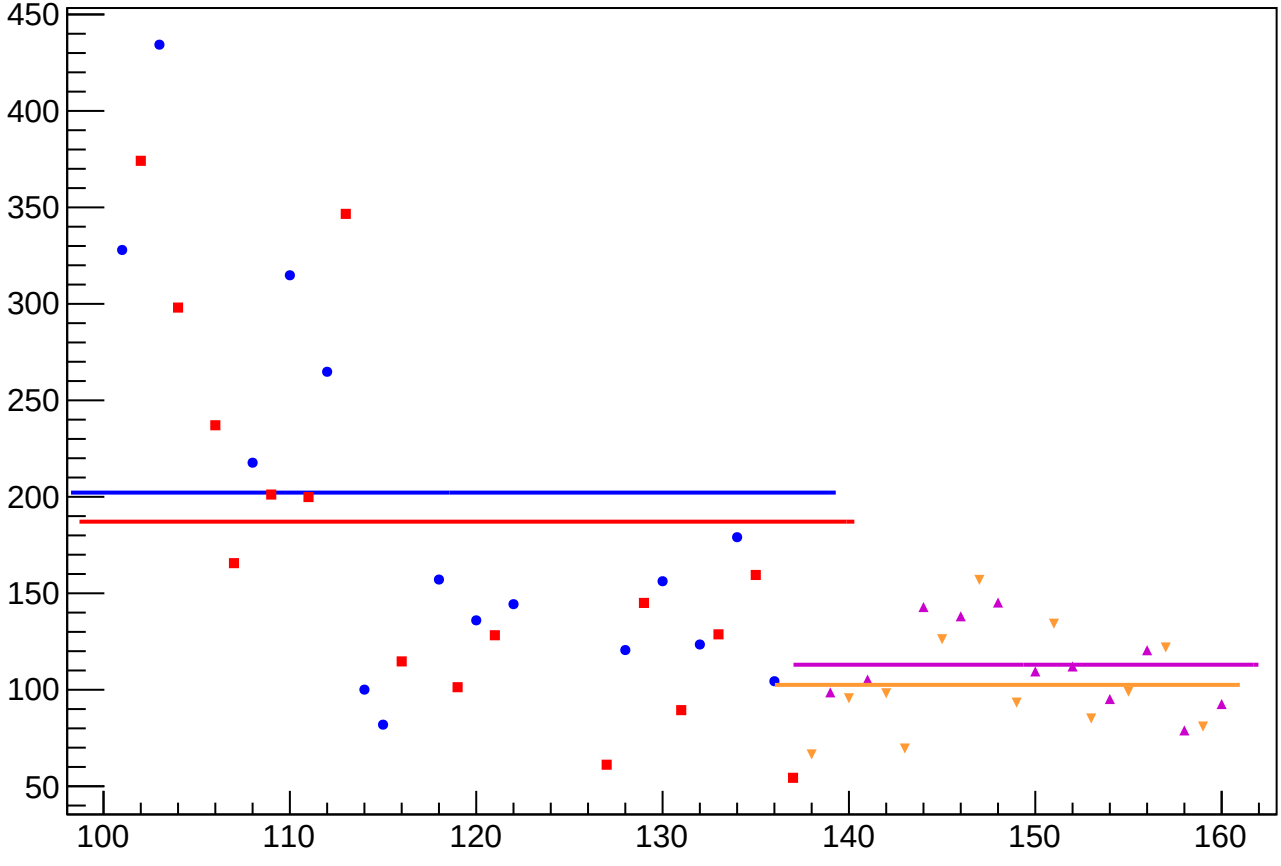
All: -567.488+/-0.000 χ^2/NDF: 33961086853

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -591.782+/-0.000 χ^2/NDF: 17056880683273 5

Left In: -69.887+/-0.000 χ^2/NDF:689672905510609549267529077554465996 8.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

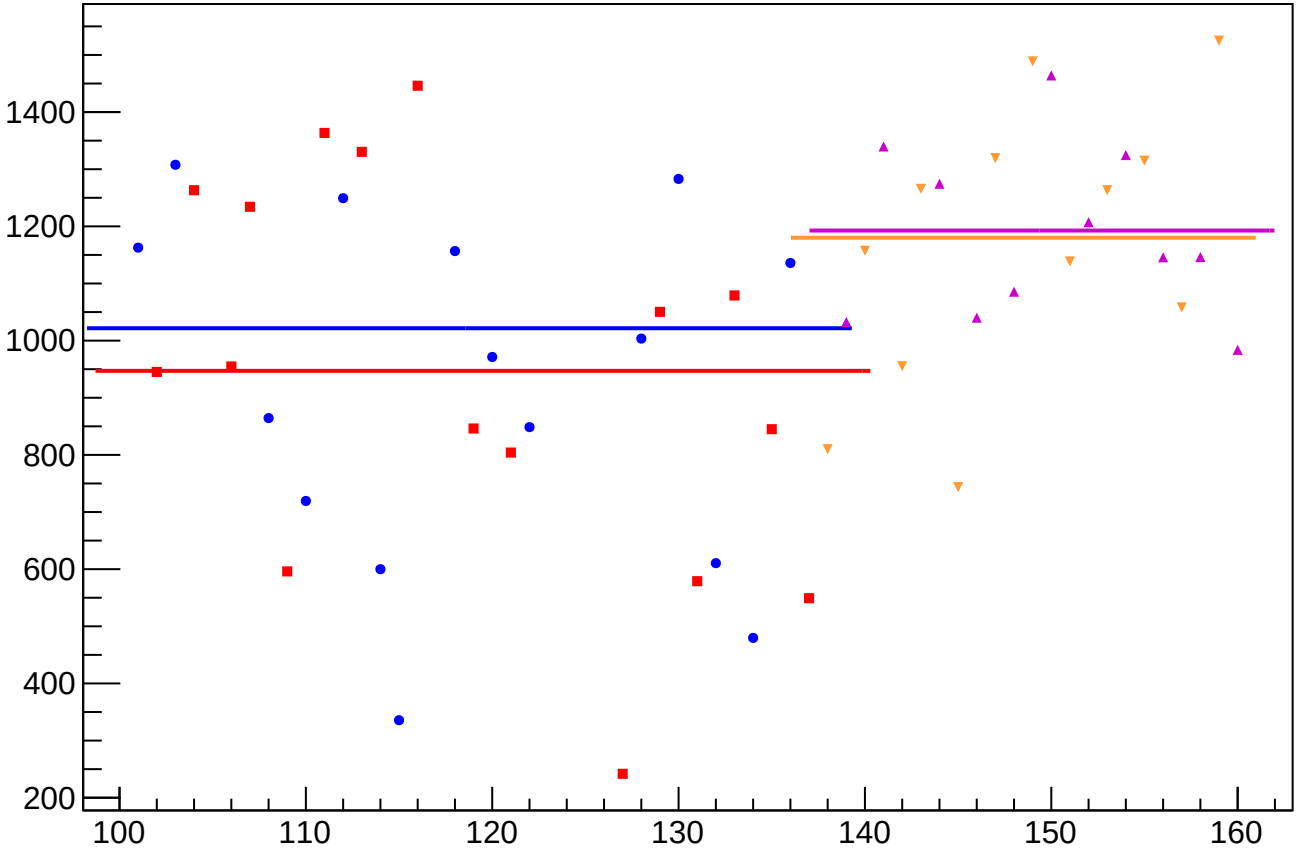
Left In: 112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF: 114280634979740

All: 143.994+/-0.000 χ^2/NDF: 20186723766

- sign 144.065+/-0.000 χ^2/NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

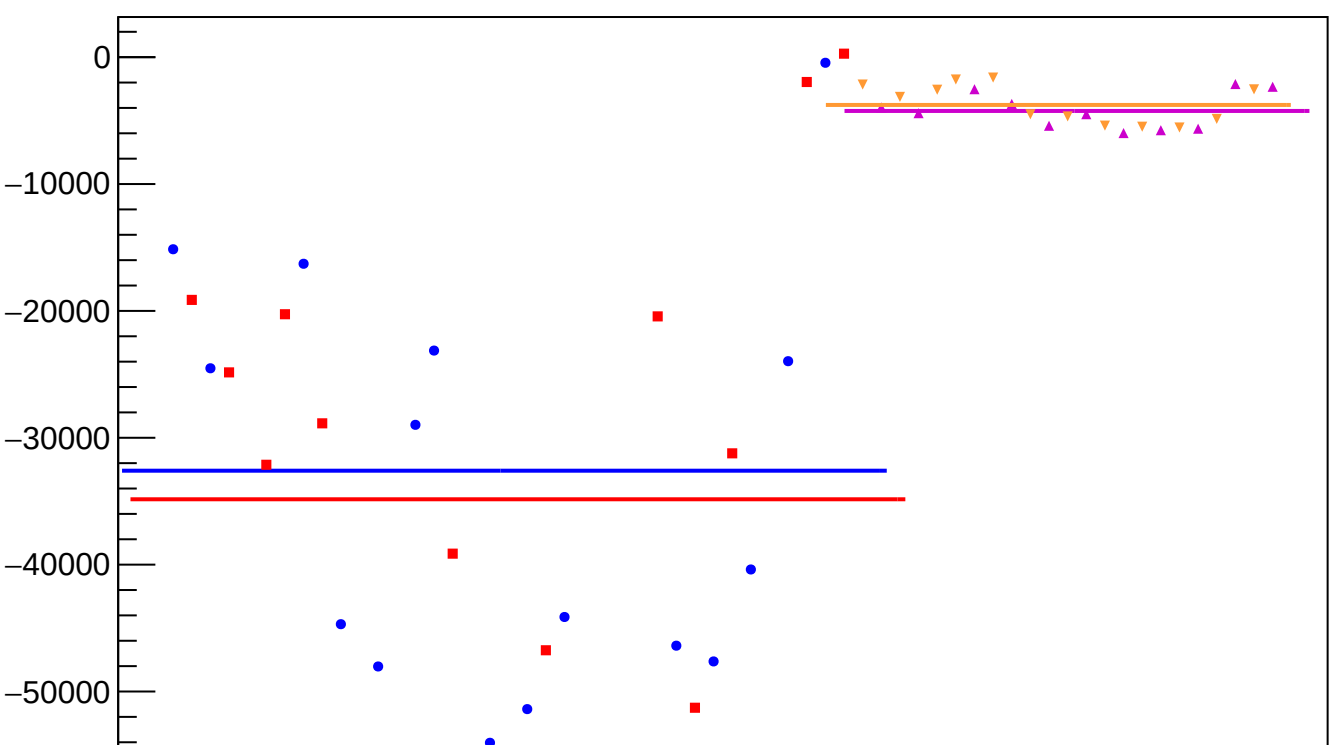
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

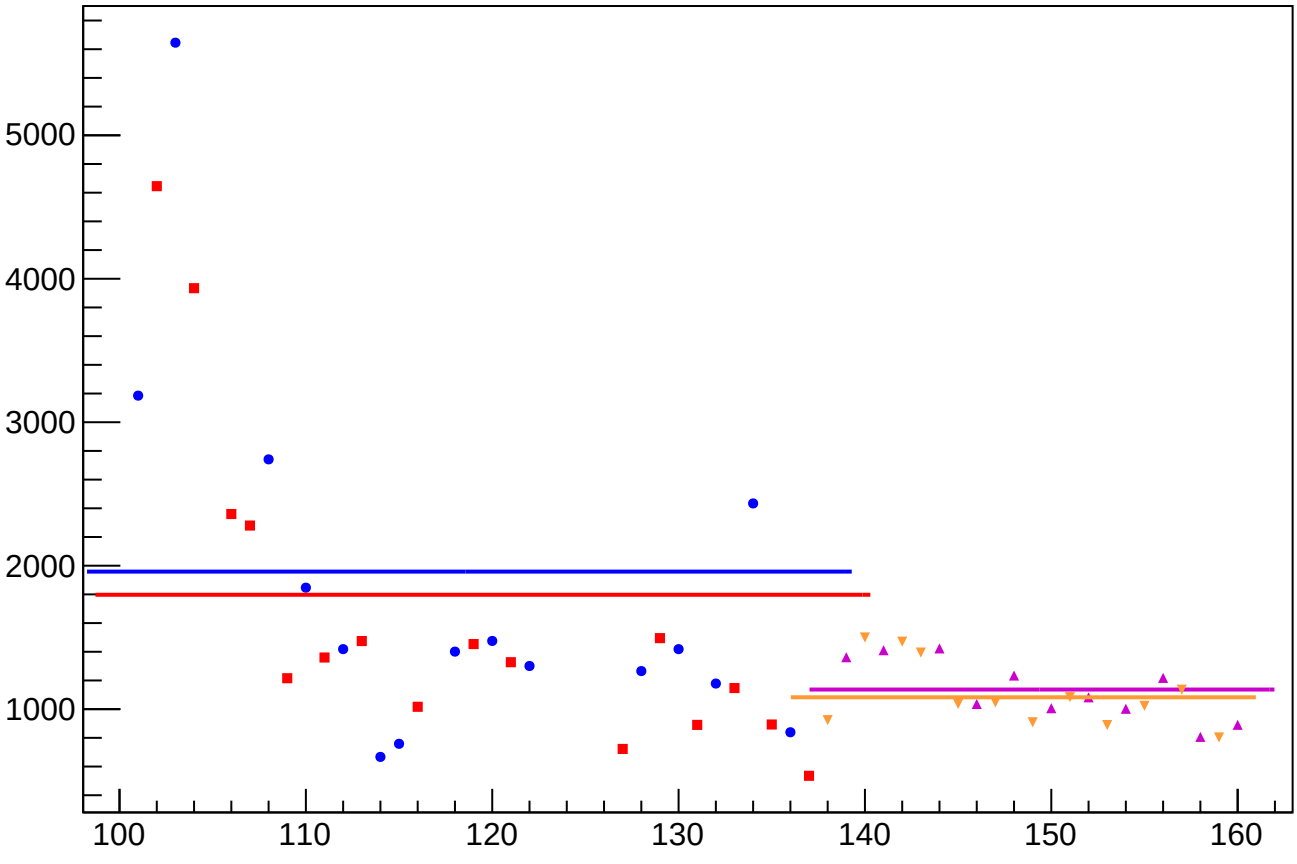
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -15735.844+/-0.000 χ^2/NDF: 526567009410
Left Out: -3764.764+/-0.000 χ^2/NDF:196909765148126713372068659345037354598 4.0/11
All: -16409.443+/-0.000 χ^2/NDF: 111371622
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -17071.187+/-0.000 χ^2/NDF: 5857433226583
Left In: -4238.758+/-0.000 χ^2/NDF:167625887746606747174628306712503359897 6.0/10

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1446.535+/-0.000 χ^2/NDF: 15230348570712

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

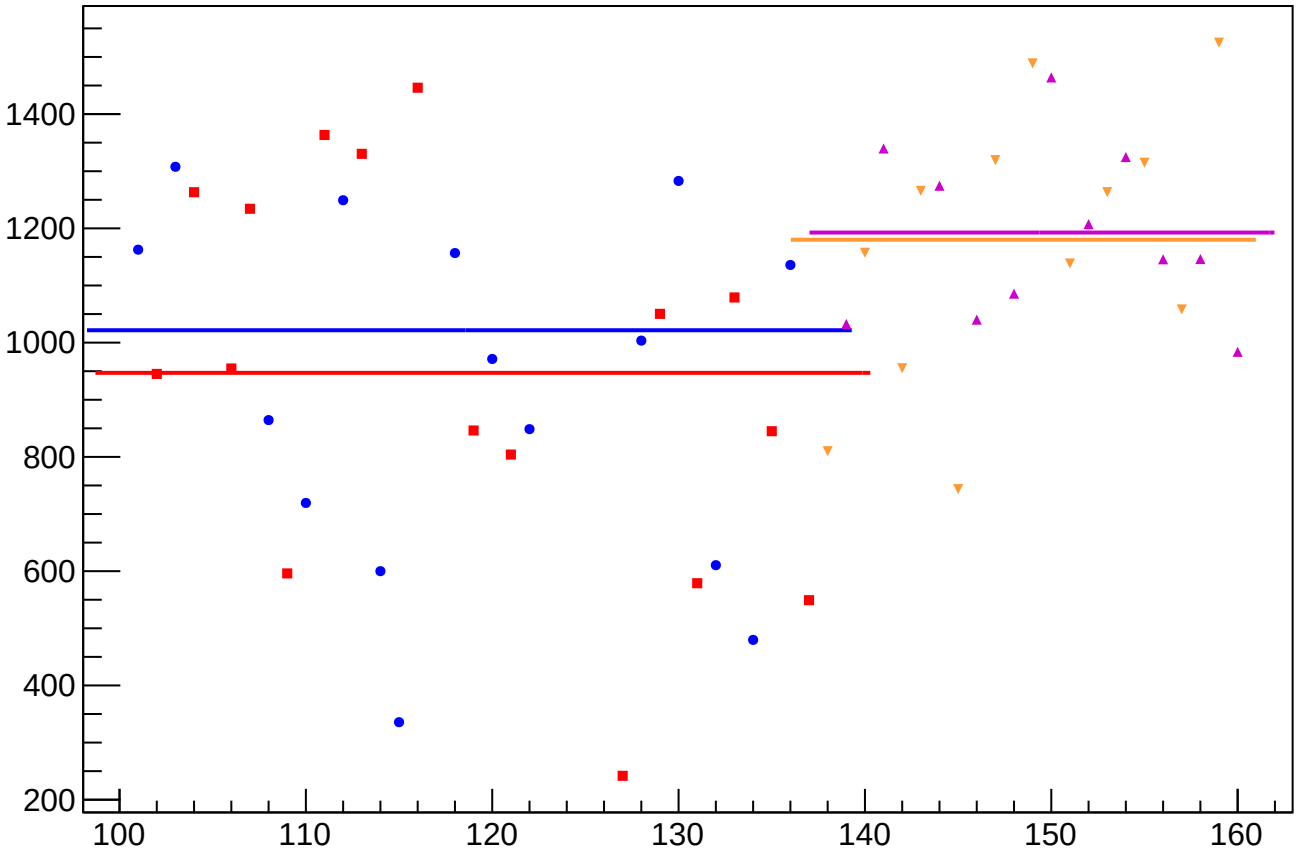
All: 1429.975+/-0.000 χ^2/NDF: 2684715334 1

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1413.706+/-0.000 χ^2/NDF: 11608307427850

Left In: 1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

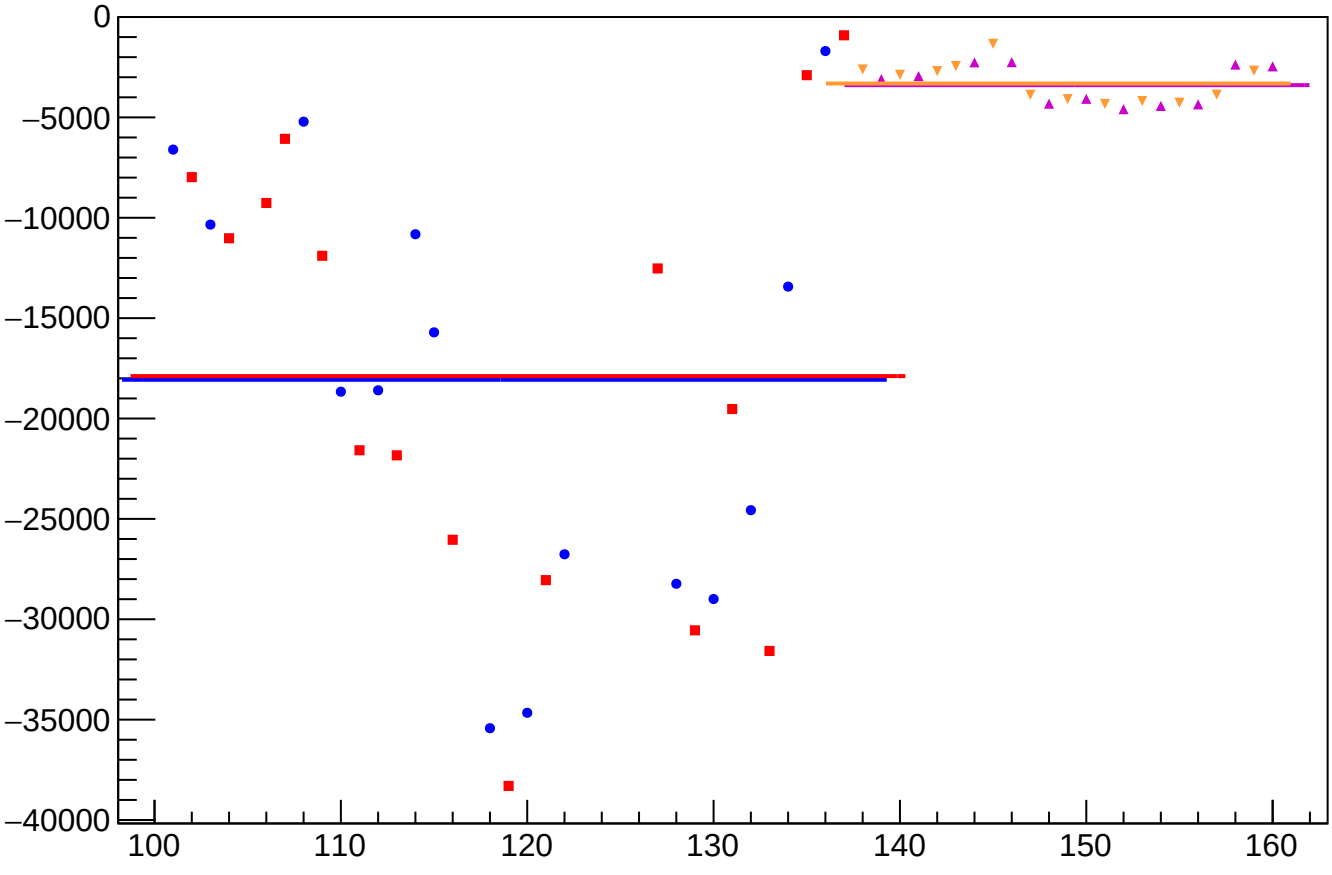
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

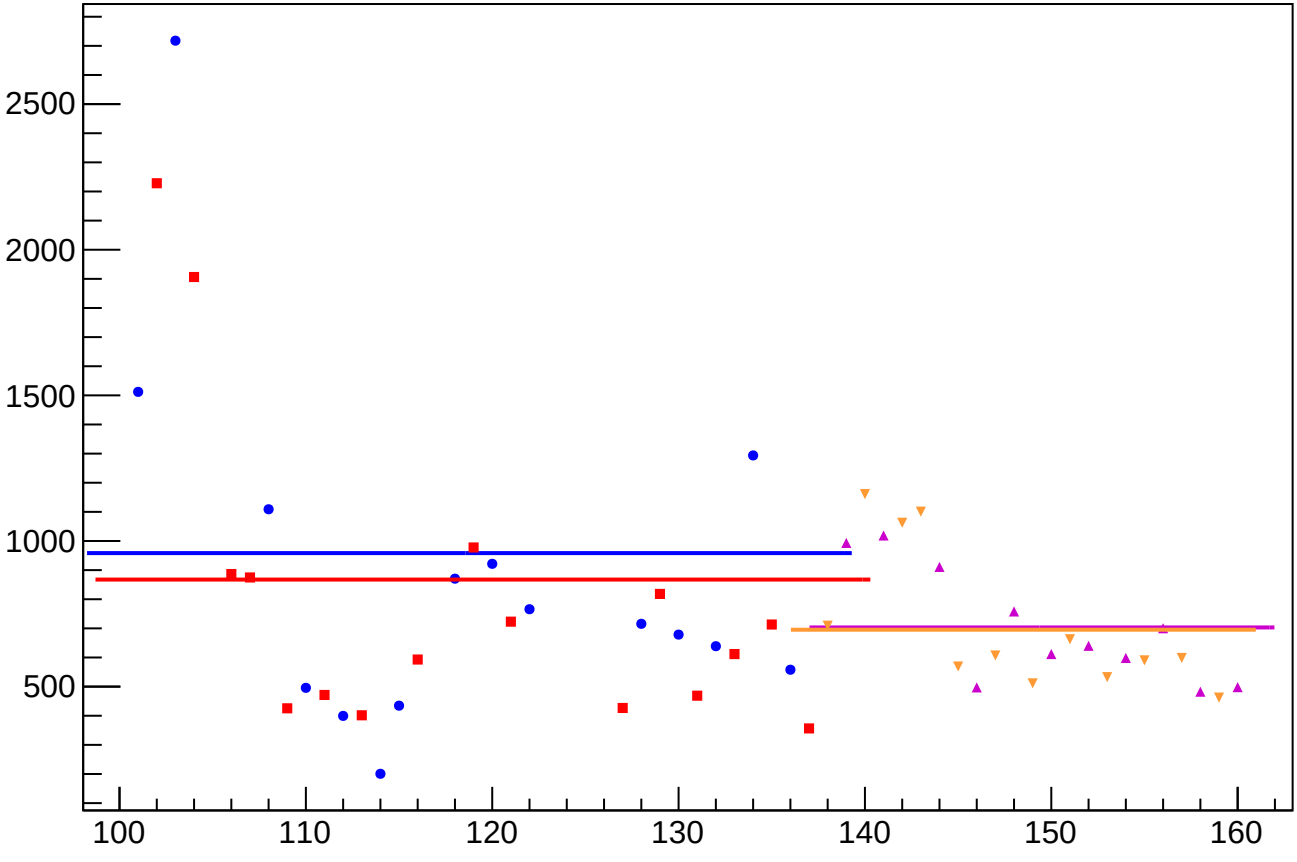
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -9439.320+/-0.000 χ^2/NDF: 1677312300640
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
All: -9455.112+/-0.000 χ^2/NDF: 3283182119
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -9470.625+/-0.000 χ^2/NDF: 1605862092635 7
Left In: -3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

+ sign 804.584+/-0.000 χ^2/NDF: 338998928620433

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

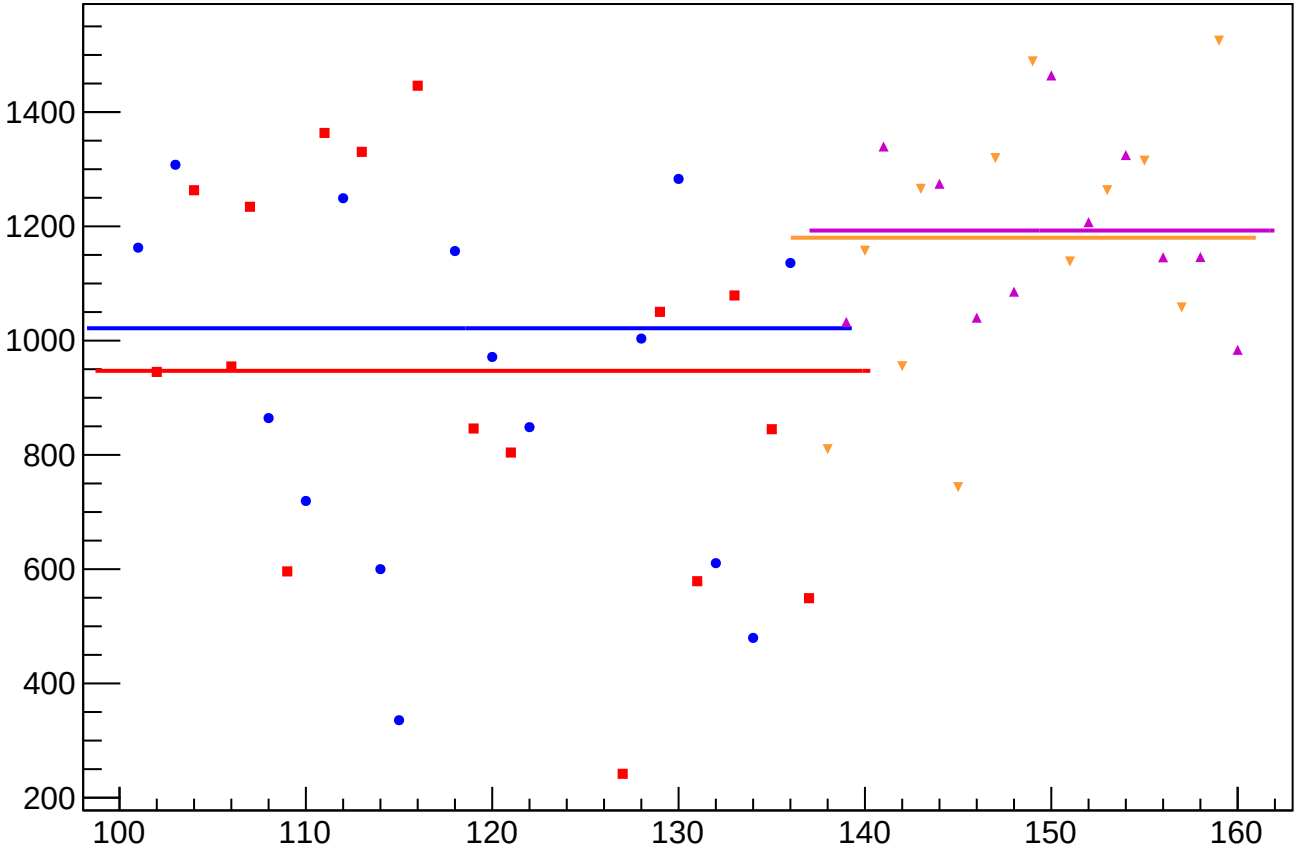
All: 788.186+/-0.000 χ^2/NDF: 5984680249 63

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

- sign 772.078+/-0.000 χ^2/NDF: 258636009193620

Left In: 703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

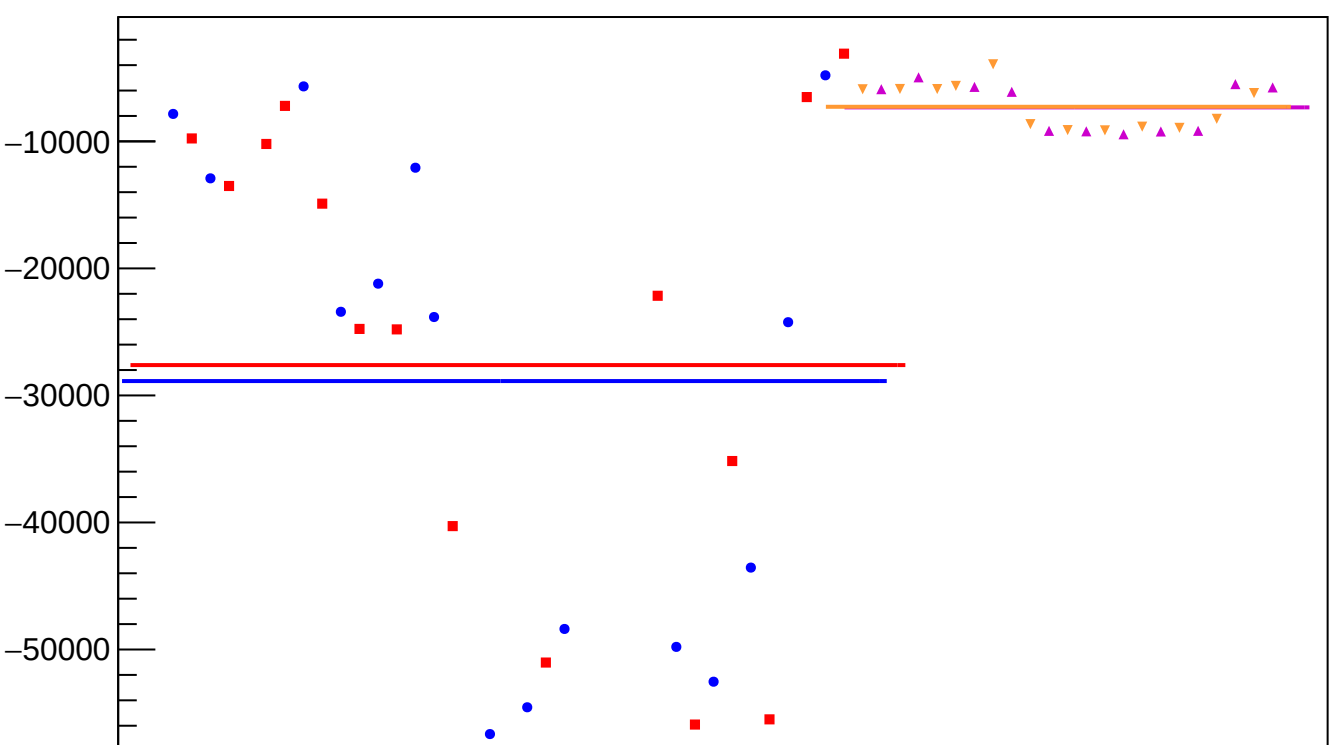
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

+ sign -16242.946+/-0.000 χ^2/NDF: 441105467605

Left Out: -7277.886+/-0.000 χ^2/NDF:2738867305918098068317388239234104557568.0/11

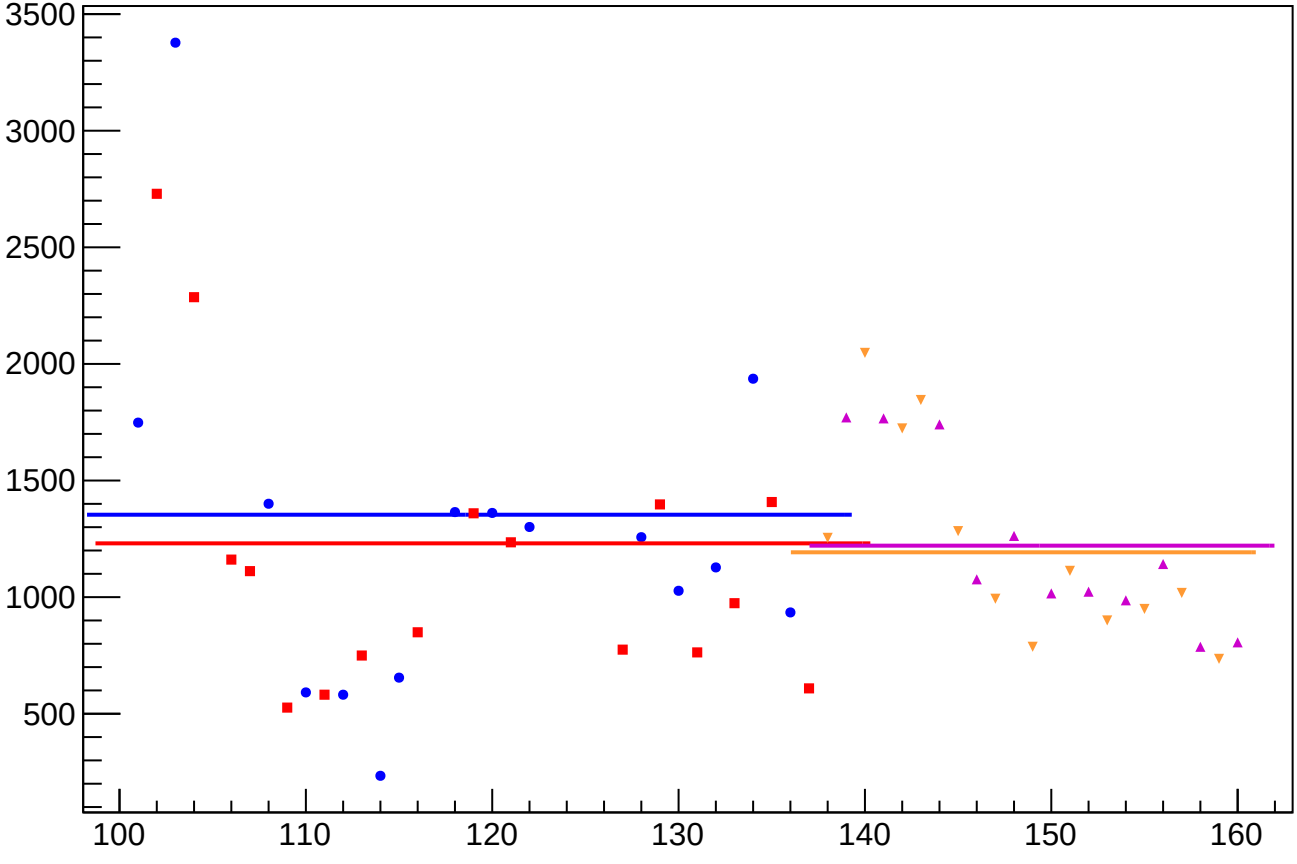
All: -16034.416+/-0.000 χ^2/NDF: 851792093

Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

- sign -15829.556+/-0.000 χ^2/NDF: 410551888967

Left In: -7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1259.184+/-0.000 χ^2/NDF: 5136360923482 1

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

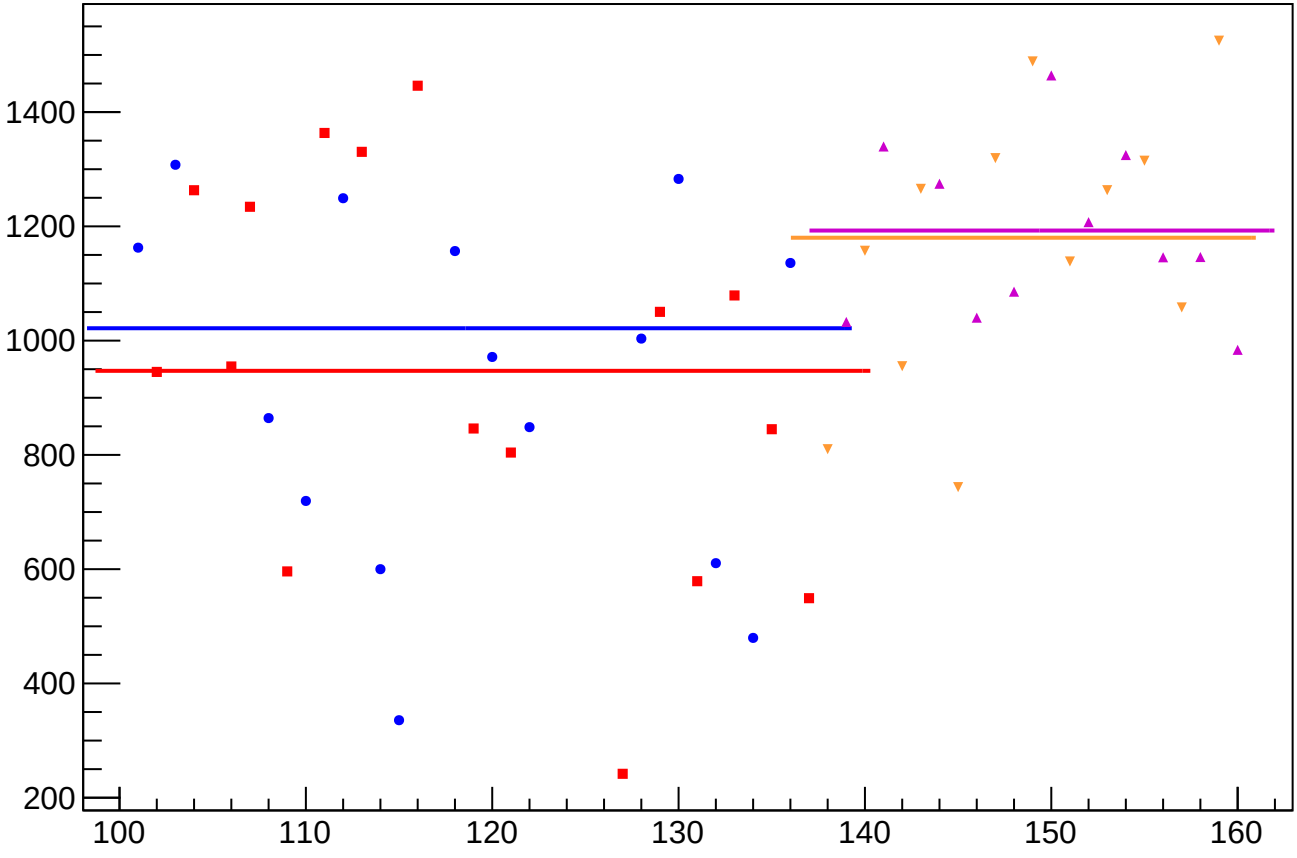
All: 1241.889+/-0.000 χ^2/NDF: 9078869434 7

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1224.899+/-0.000 χ^2/NDF: 39332410450392

Left In: 1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

dit_sam4_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:5078860680469029272453973050378734796 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

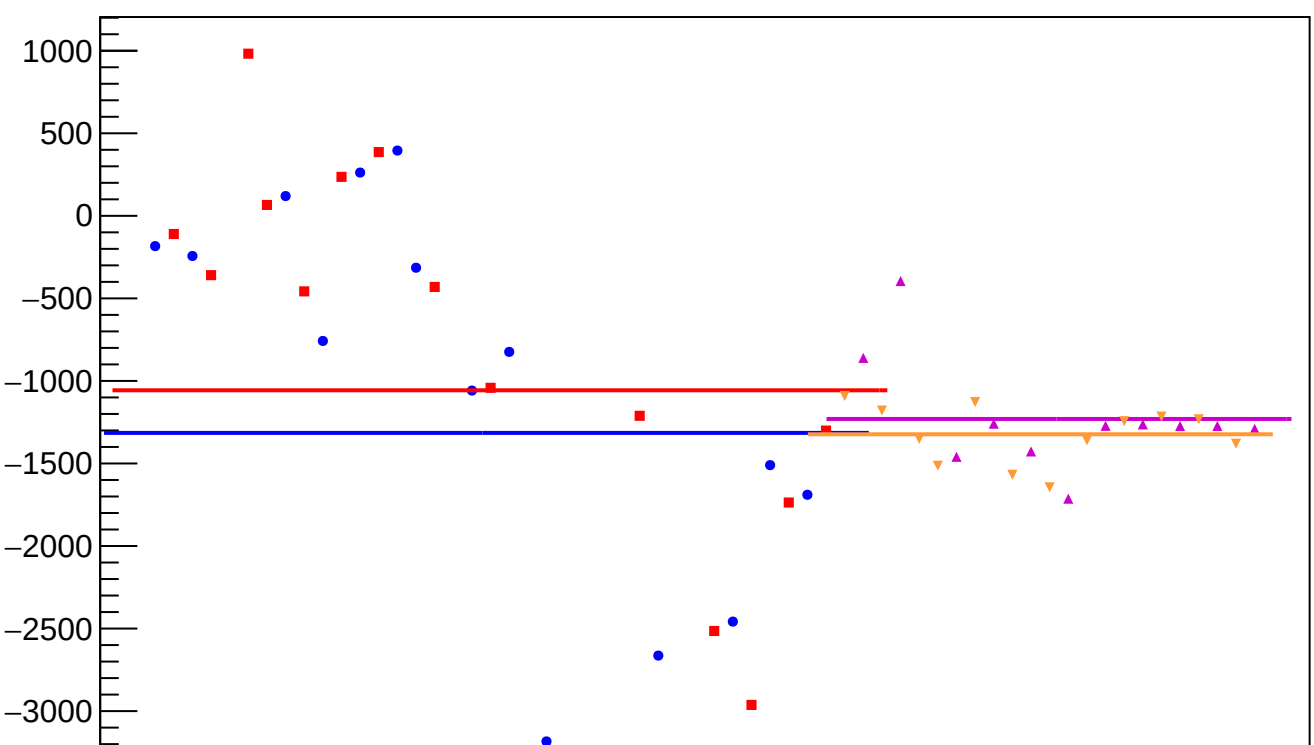
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

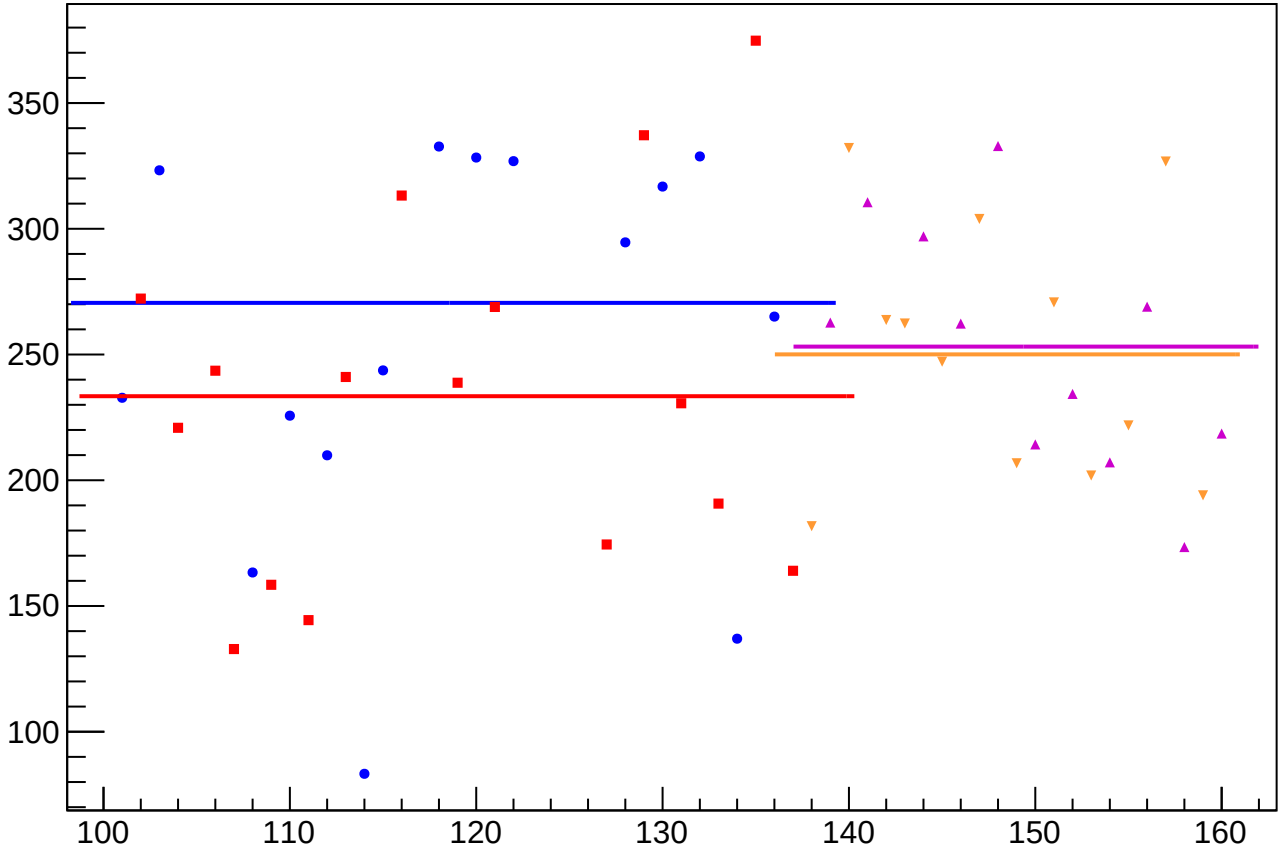
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1319.671+/-0.000 χ^2/NDF: 9932894812646
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
All: -1237.928+/-0.000 χ^2/NDF: 2253249413
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1157.624+/-0.000 χ^2/NDF: 1239256161678
Left In: -1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205 05344.0/10

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

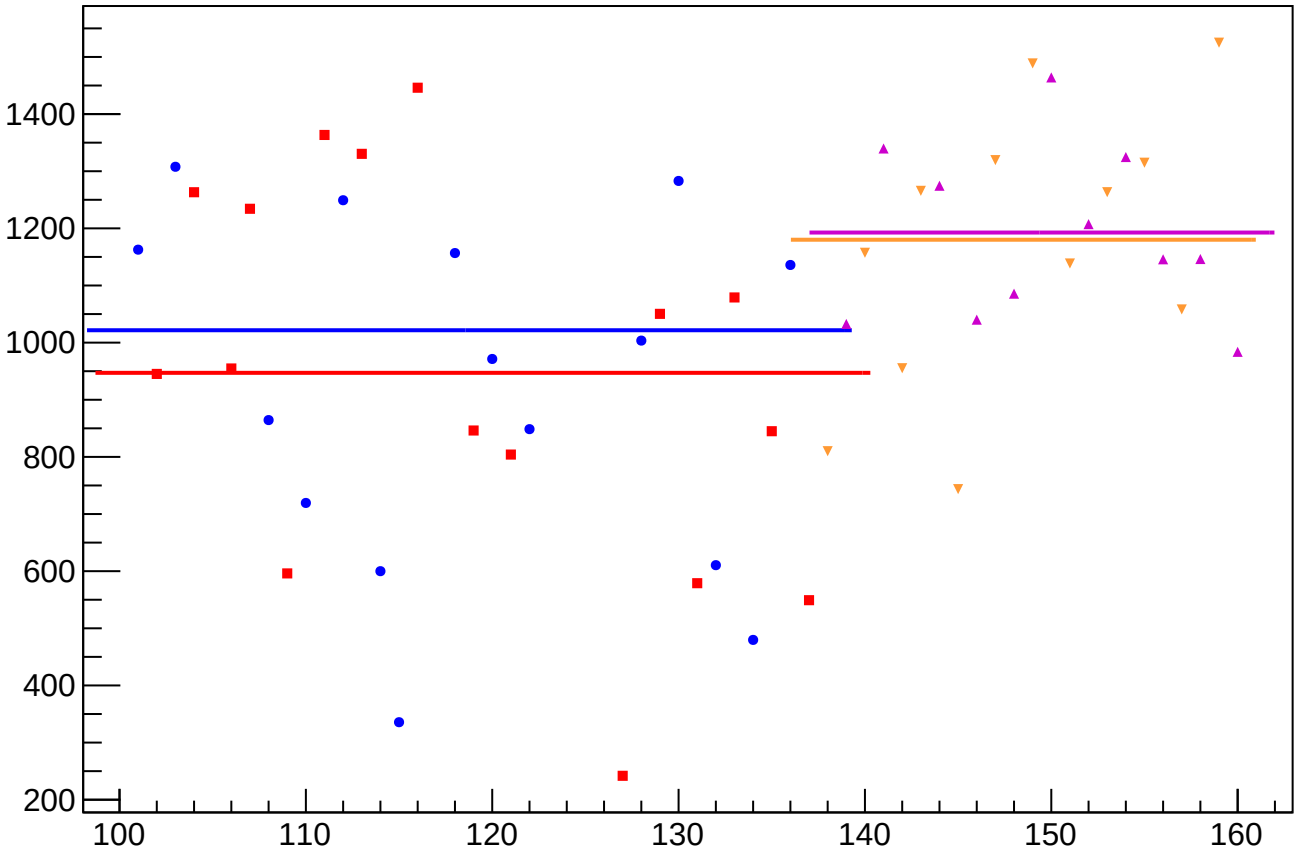
Left In: 253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

+ 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+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

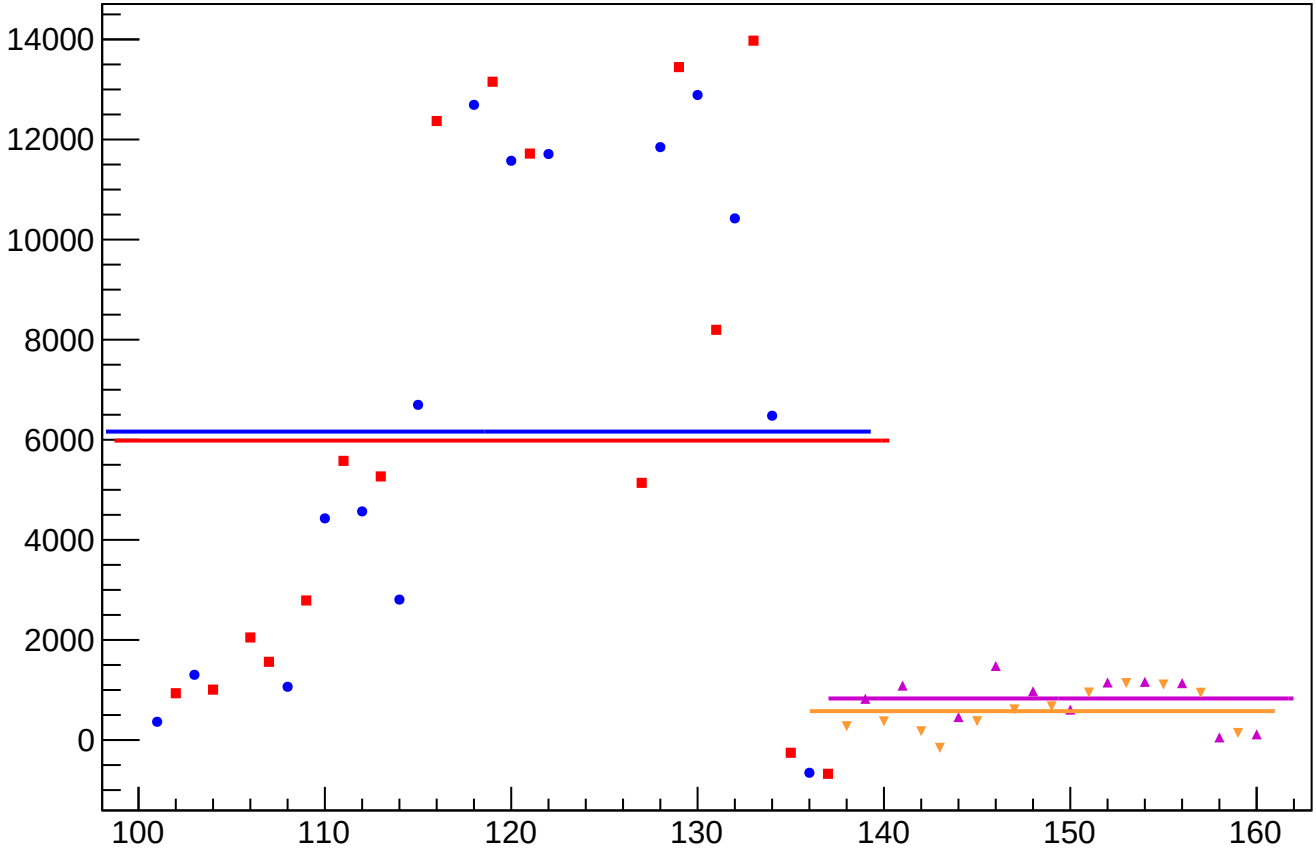
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

+ sign 2896.810+/-0.000 χ^2/NDF: 30187505563734

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

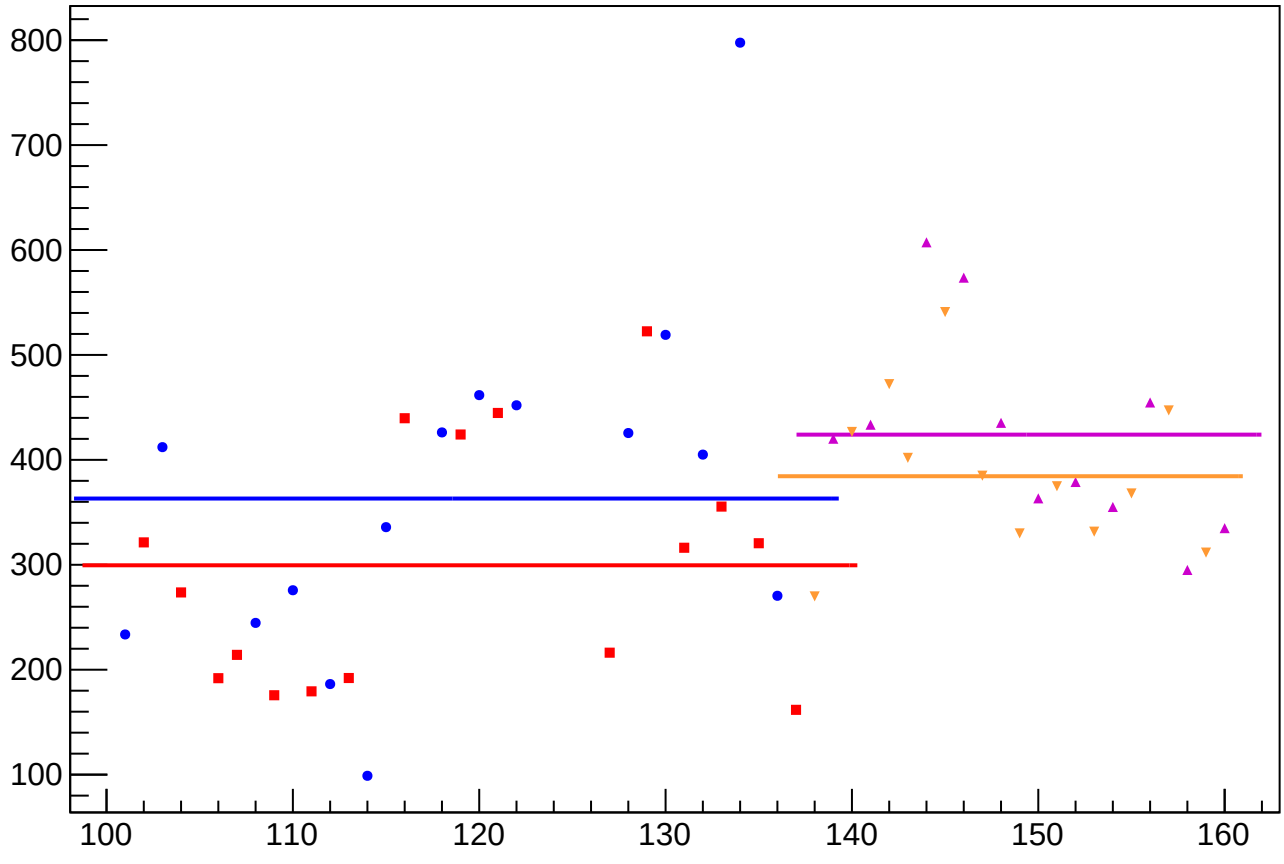
All: 2944.332+/-0.000 χ^2/NDF: 5815922787 8

Right Out: 5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

- sign 2991.017+/-0.000 χ^2/NDF: 27964724924864

Left In: 830.587+/-0.000 χ^2/NDF:1723370924037262731973560206151280230 40.0/10

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

Right Out: 299.514+/-0.000 χ^2/NDF: 76854973187442252183546528289846722 56.0/15

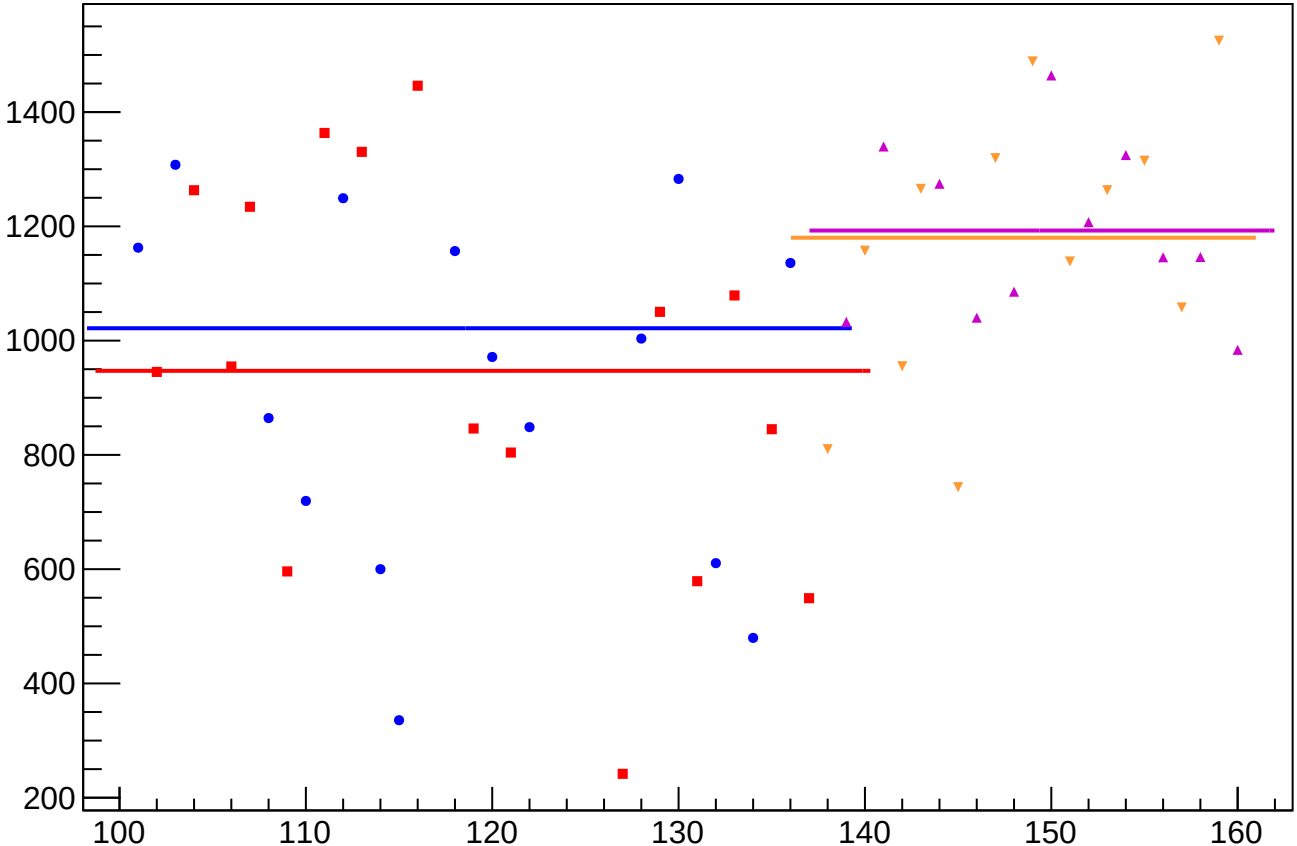
Left In: 424.034+/-0.000 χ^2/NDF:781289423171808610624109486888137523 2.0/10

+ sign 375.568+/-0.000 χ^2/NDF: 16377739422265 1

All: 373.683+/-0.000 χ^2/NDF: 3789335787 34

- 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: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

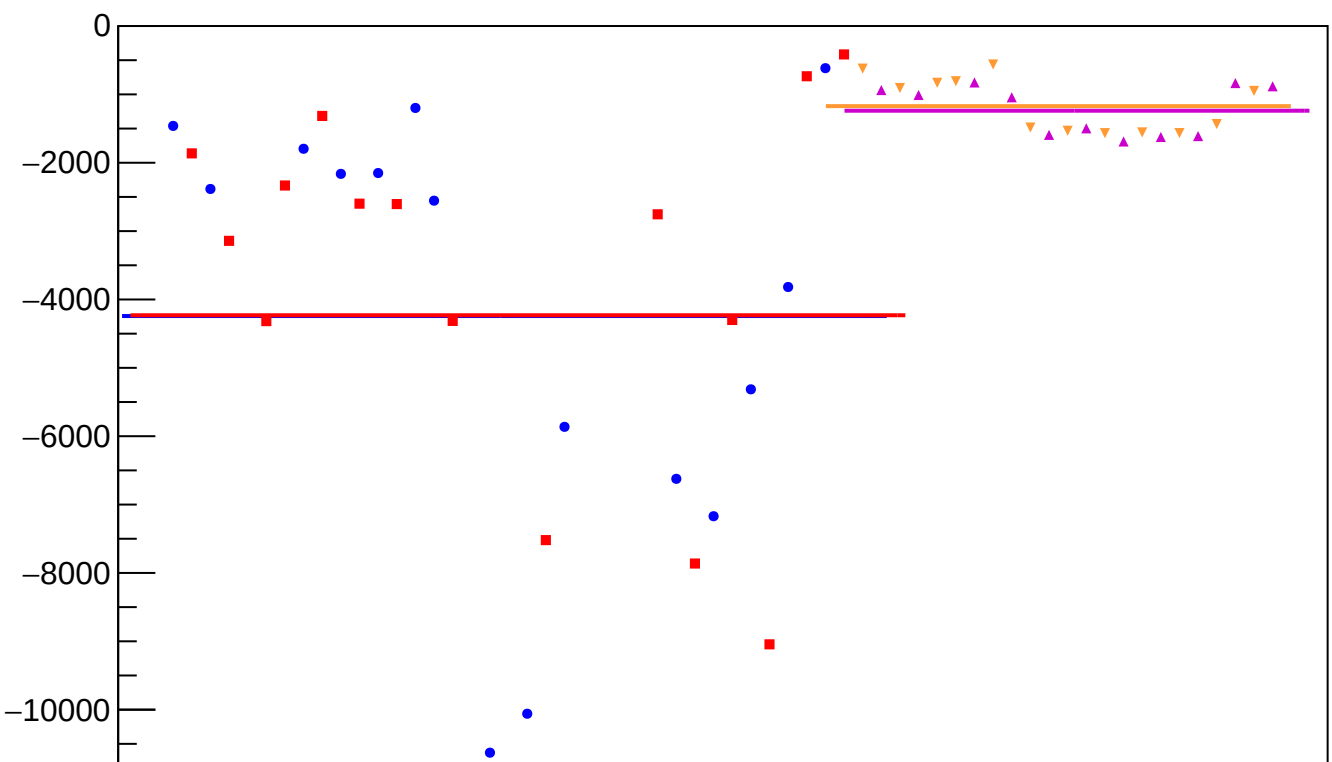
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

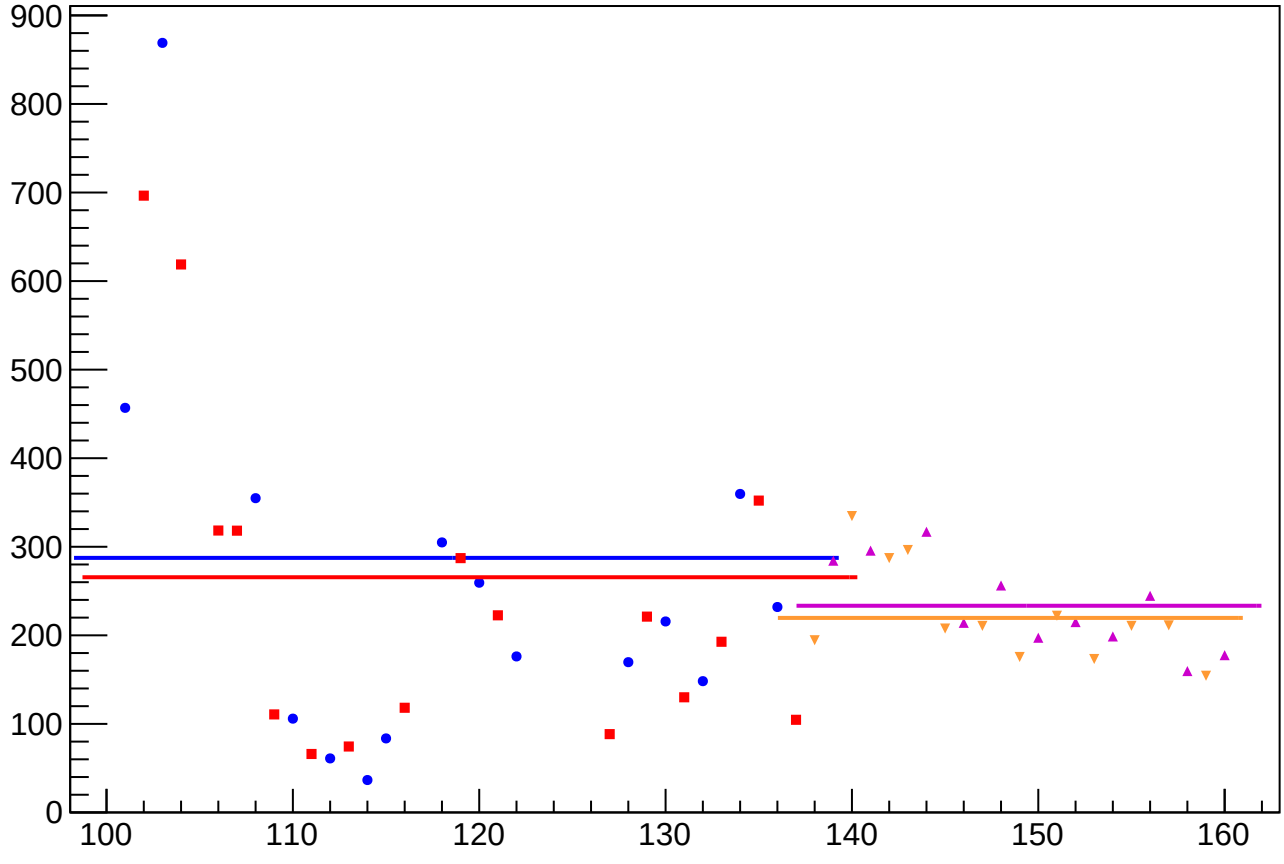
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2446.693+/-0.000 χ^2/NDF: 1049869951463
Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11
All: -2470.156+/-0.000 χ^2/NDF: 2076239631
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2493.207+/-0.000 χ^2/NDF: 10261991032463
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:245550752267692676232869241918010163 2.0/11

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

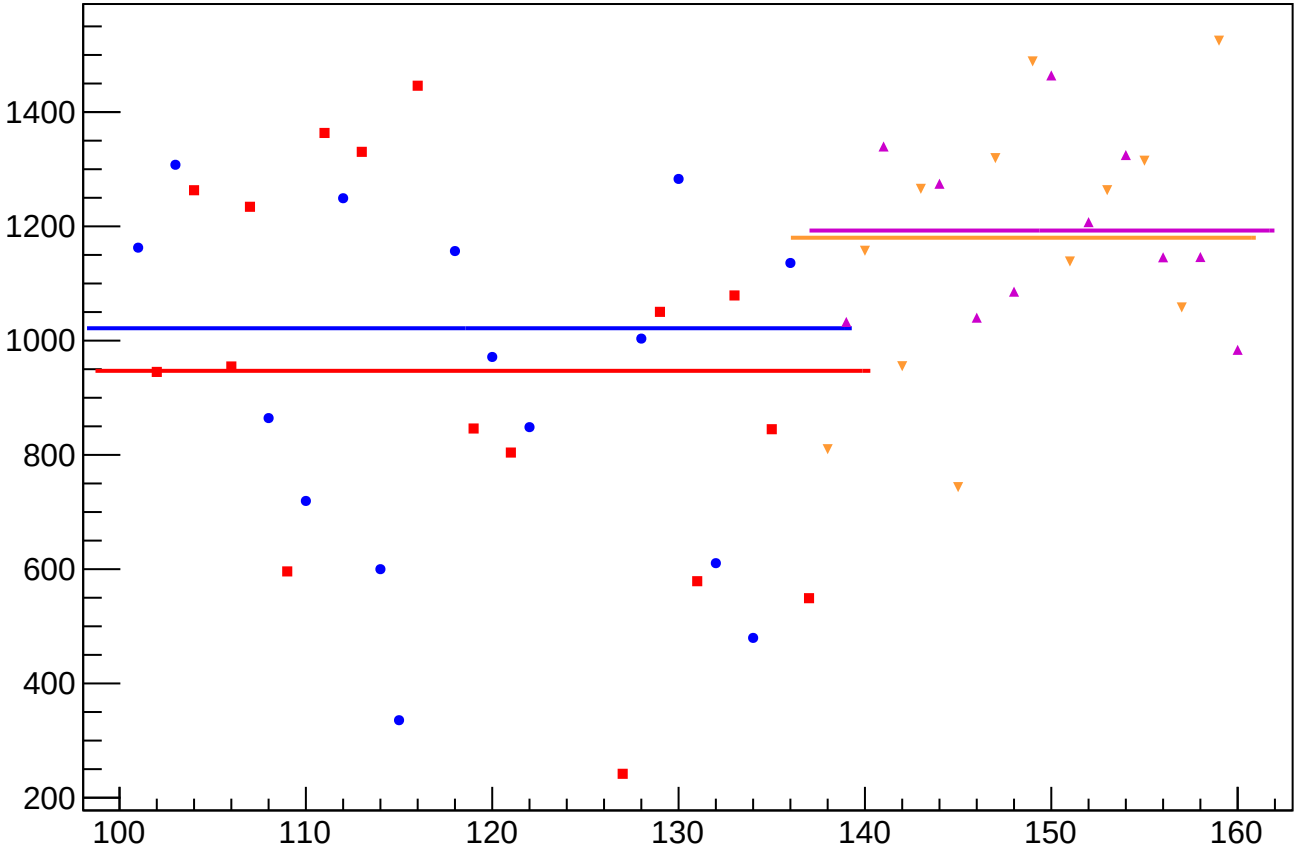
Left In: 233.397+/-0.000 χ^2/NDF:217134173798935923775359976649995 0592.0/10

+ sign 247.819+/-0.000 χ^2/NDF: 33716502024544 6

All: 247.353+/-0.000 χ^2/NDF: 6213331610 36

- sign 246.895+/-0.000 χ^2/NDF: 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

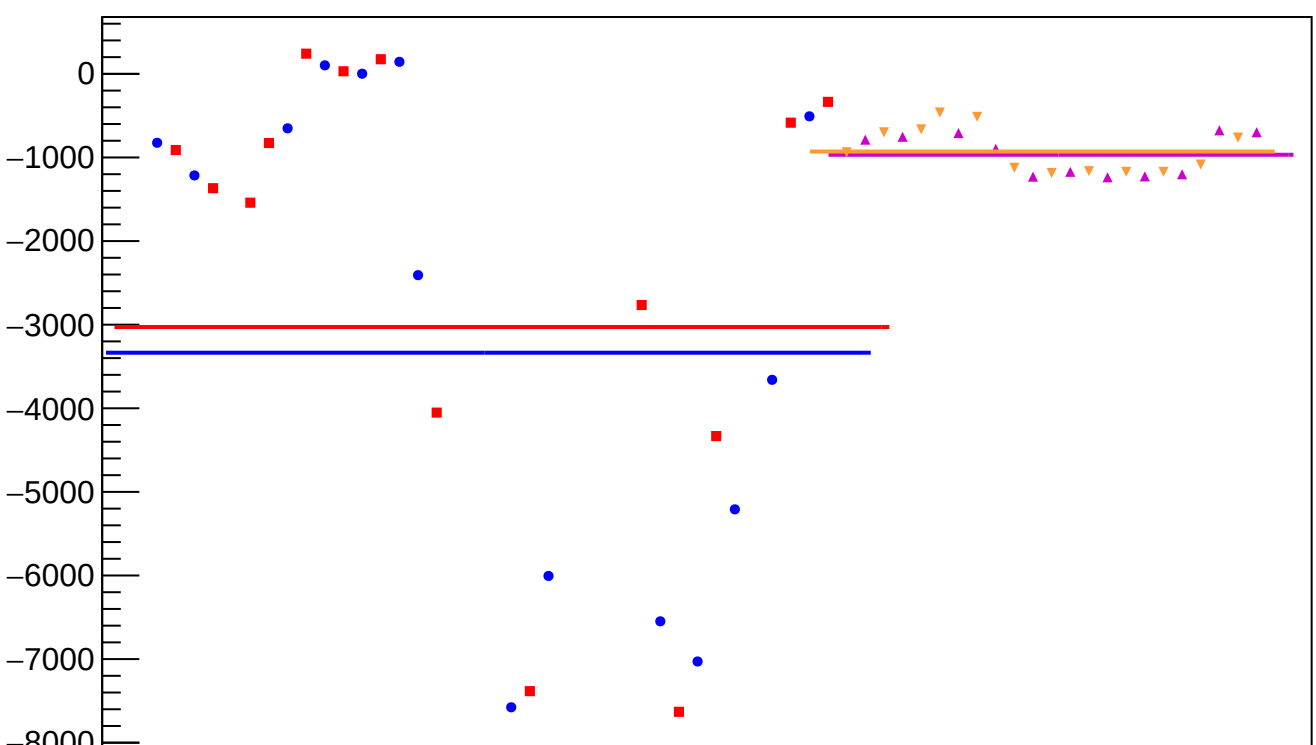
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

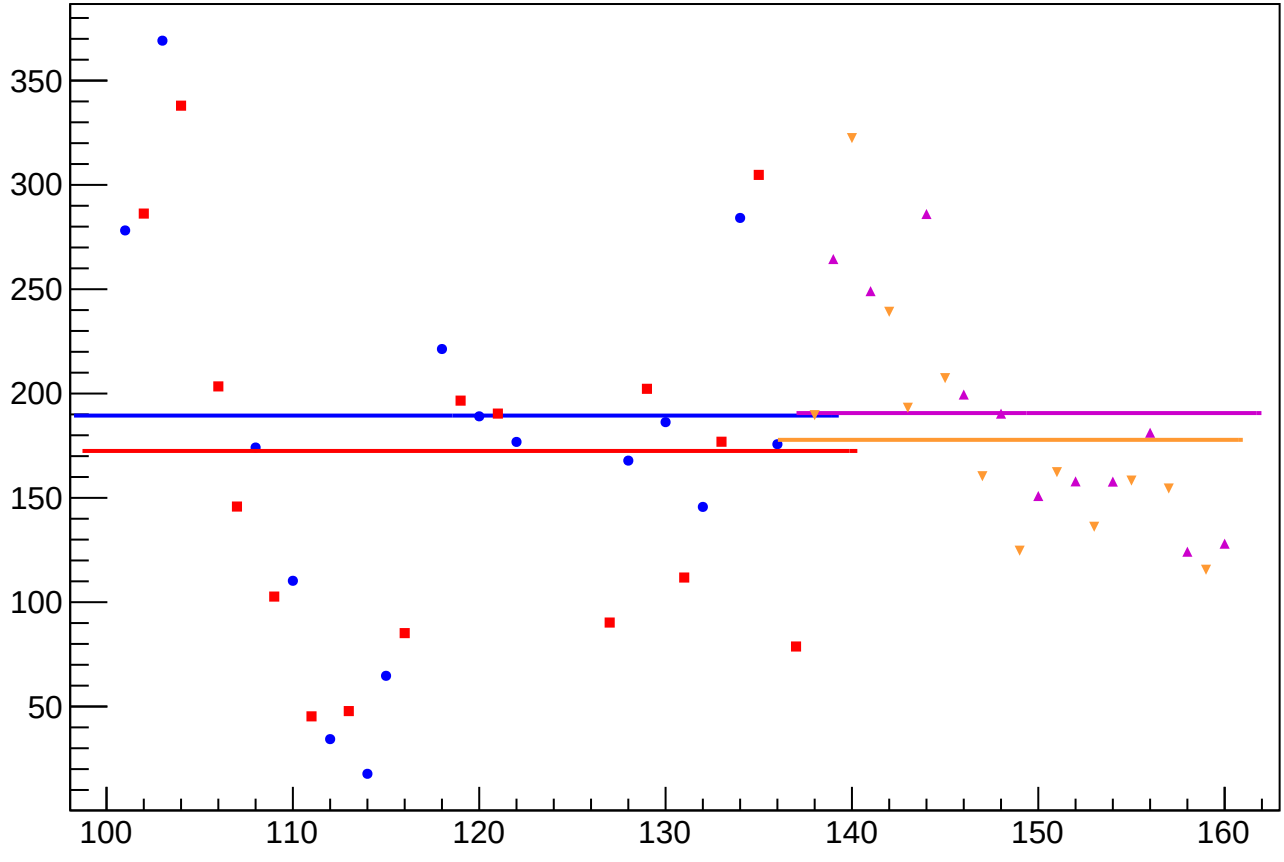
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -1928.069+/-0.000 χ^2/NDF: 8598052081097
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
All: -1879.206+/-0.000 χ^2/NDF: 1738697442
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -1831.203+/-0.000 χ^2/NDF: 8781524392248 3
Left In: -967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

+ sign 182.640+/-0.000 χ^2/NDF: 755196649084906

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

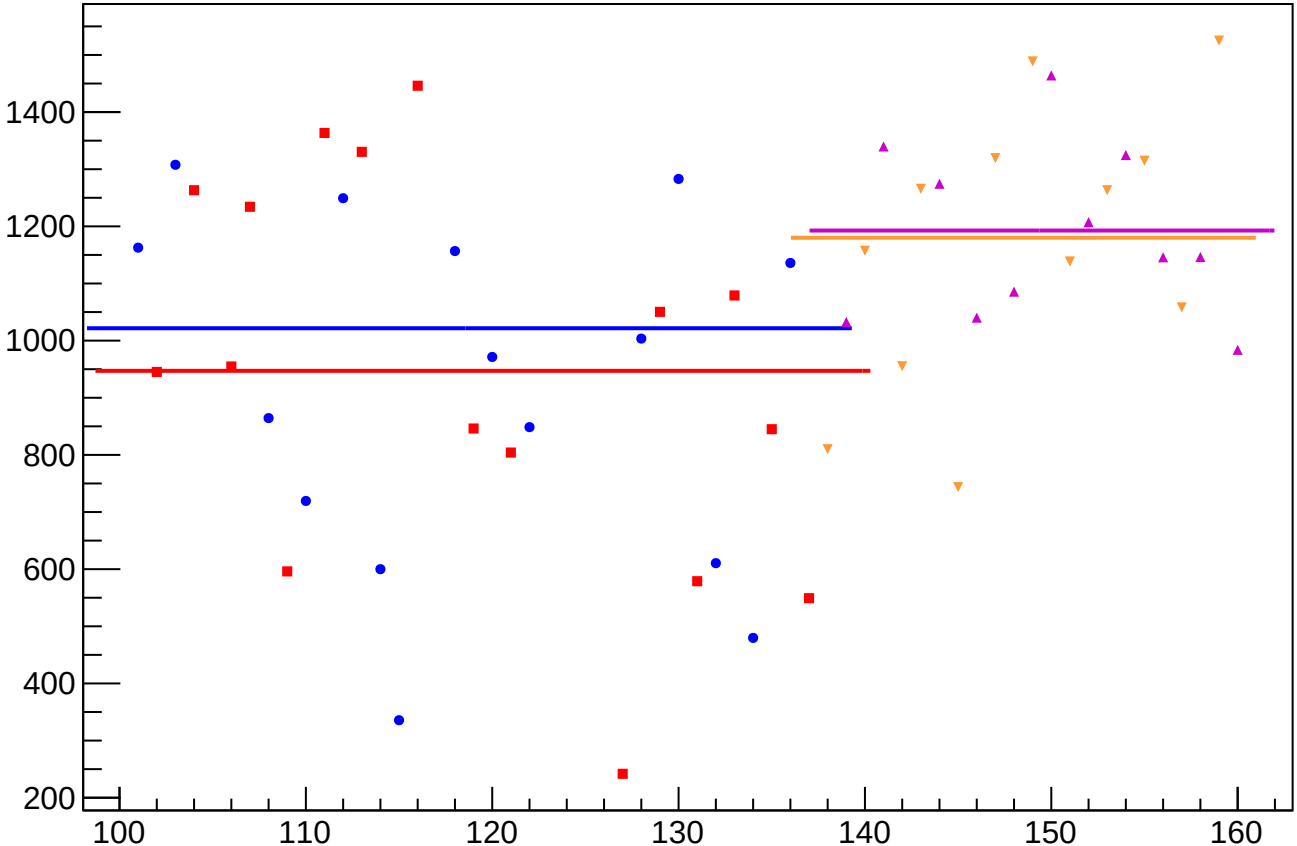
All: 182.836+/-0.000 χ^2/NDF: 15810669328

Right Out: 172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

- sign 183.029+/-0.000 χ^2/NDF: 825858339211044

Left In: 190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

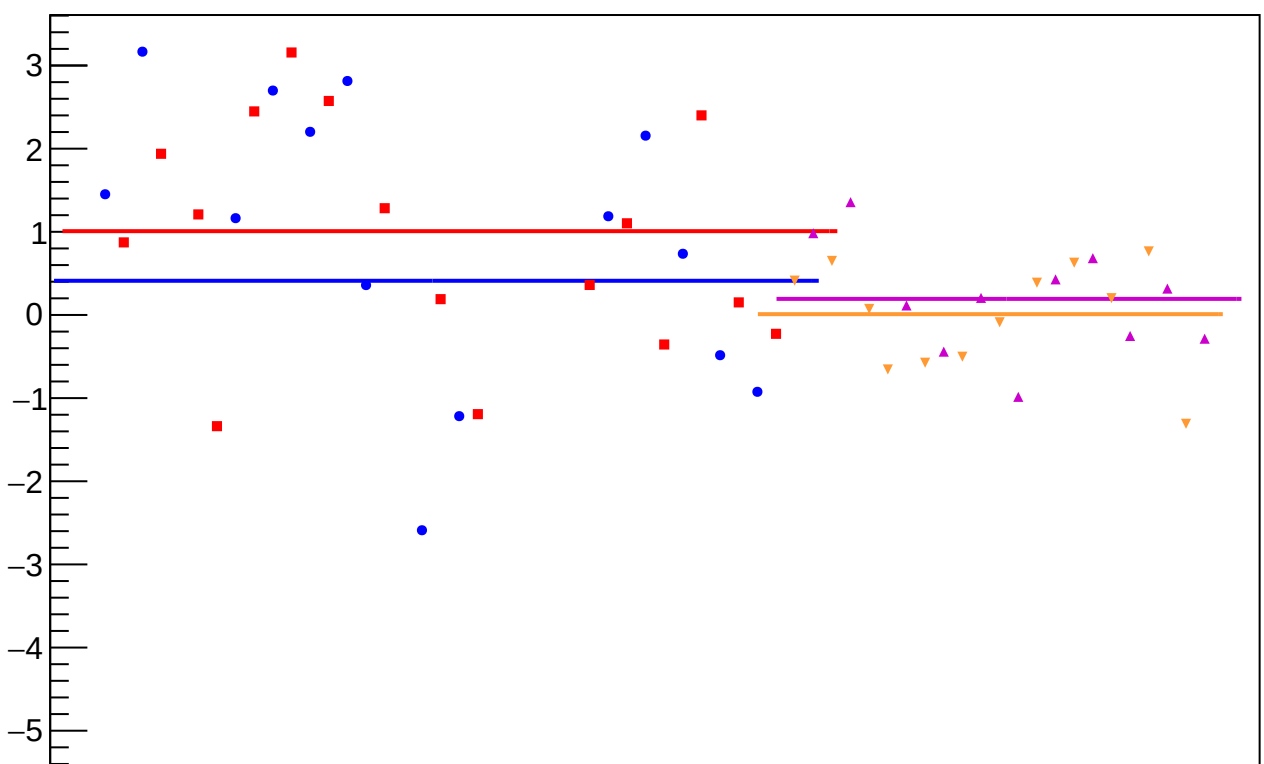
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.176+/-0.000 χ^2/NDF: 38013535411119763

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

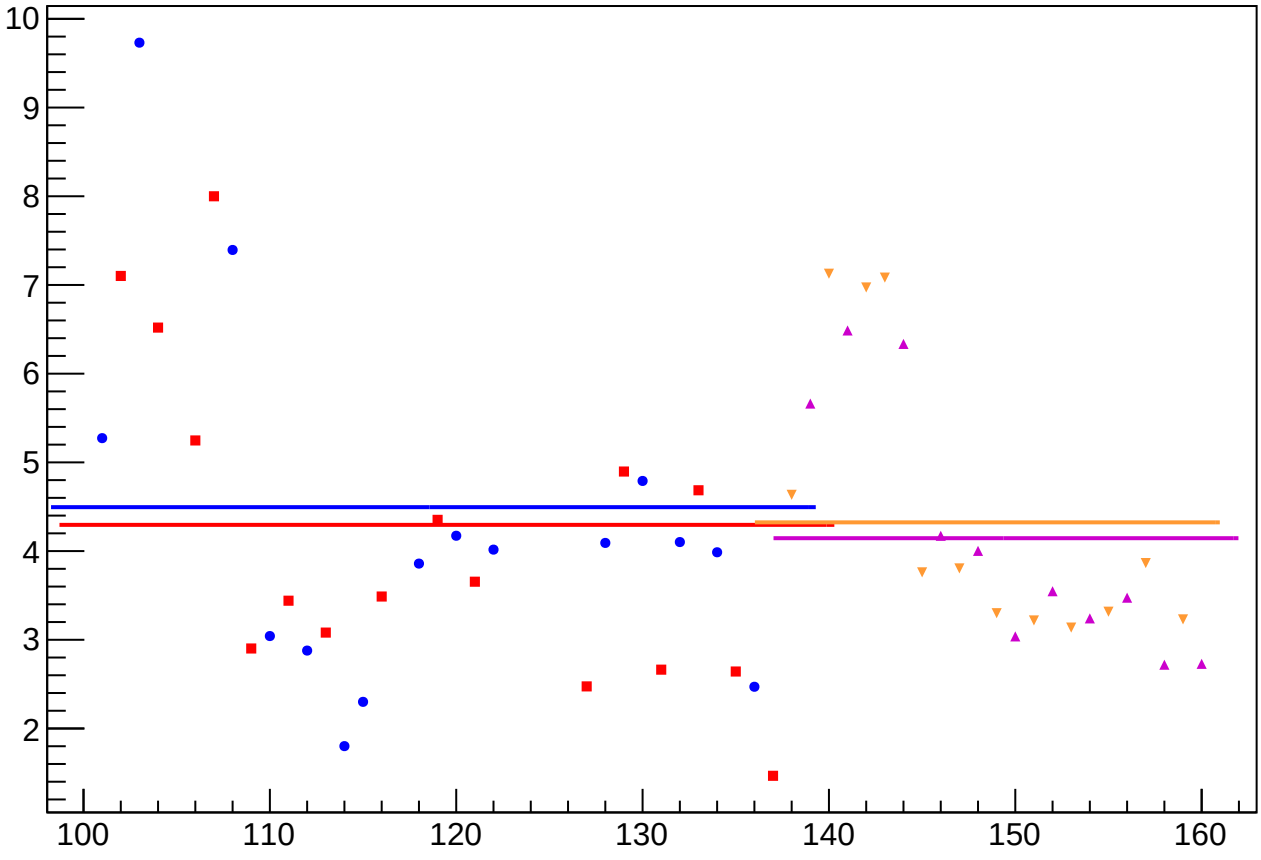
All: 0.357+/-0.000 χ^2/NDF: 5674167911062 2

Right Out: 1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

- sign 0.535+/-0.000 χ^2/NDF: 17715106696706138

Left In: 0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Left Out: 4.324+/-0.000 χ^2/NDF:202553496938895005840710911918080 0.0/11

Right Out: 4.296+/-0.000 χ^2/NDF: 201192570706205189038100747544166 4.0/15

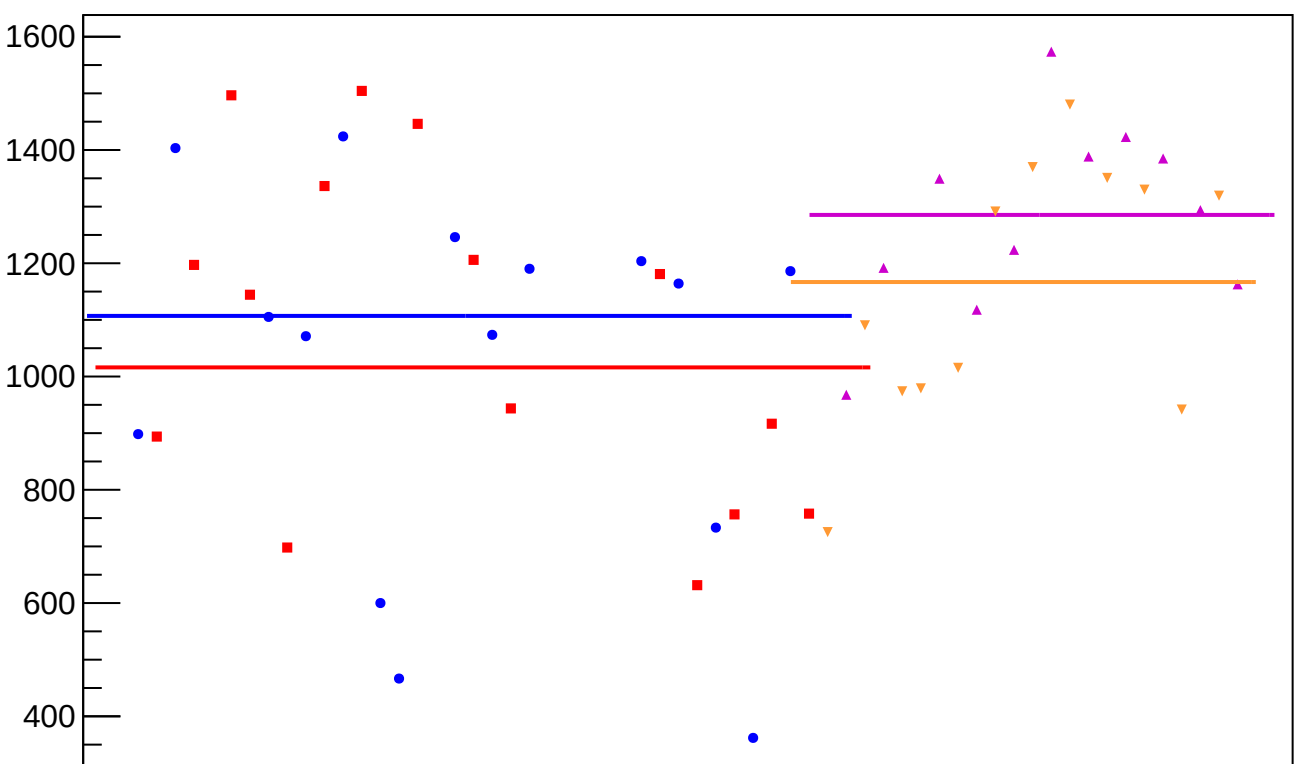
Left In: 4.145+/-0.000 χ^2/NDF:164594260430334960857184982794240 0.0/10

+ sign 4.395+/-0.000 χ^2/NDF: 4778921312885319 5

All: 4.301+/-0.000 χ^2/NDF: 847301115148 39

- sign 4.208+/-0.000 χ^2/NDF: 36666176911582785

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

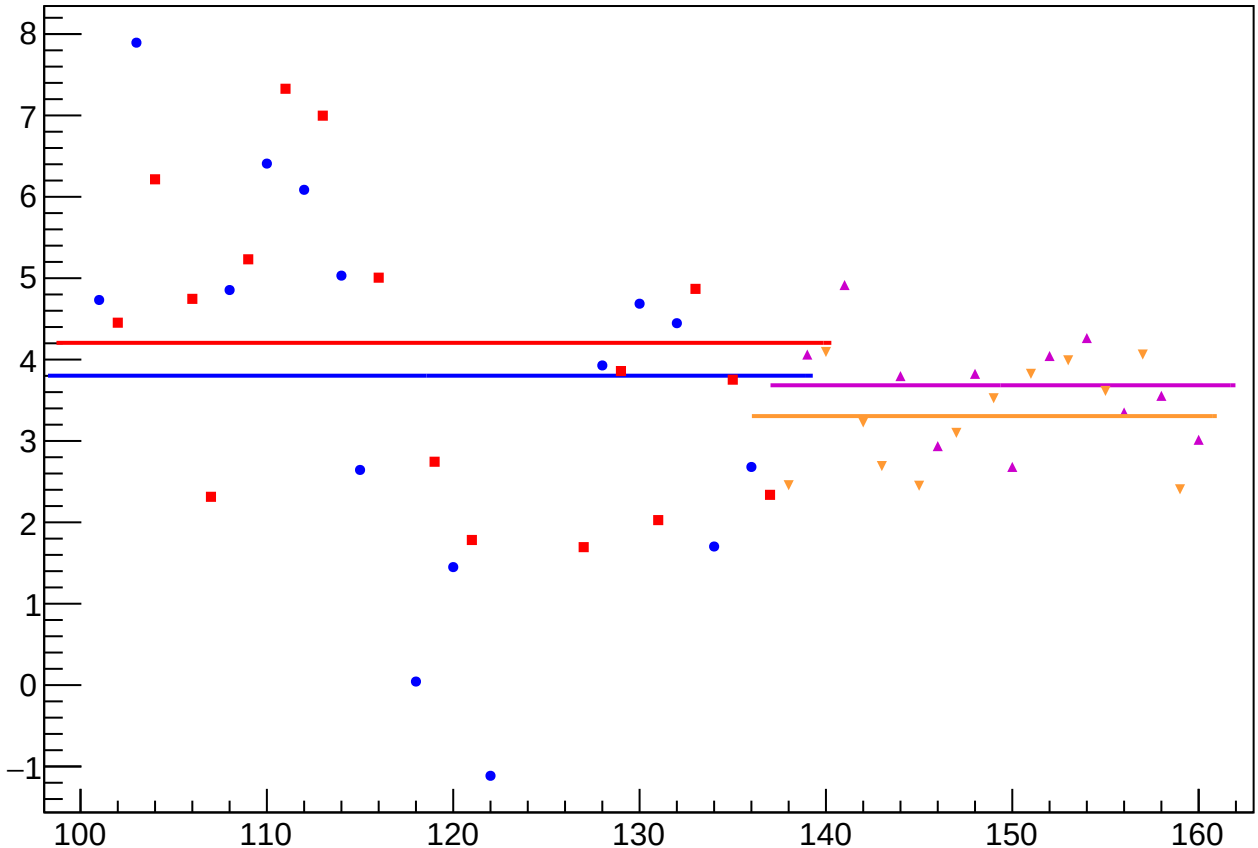
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.512+/-0.000 χ^2/NDF: 42645411605619782

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

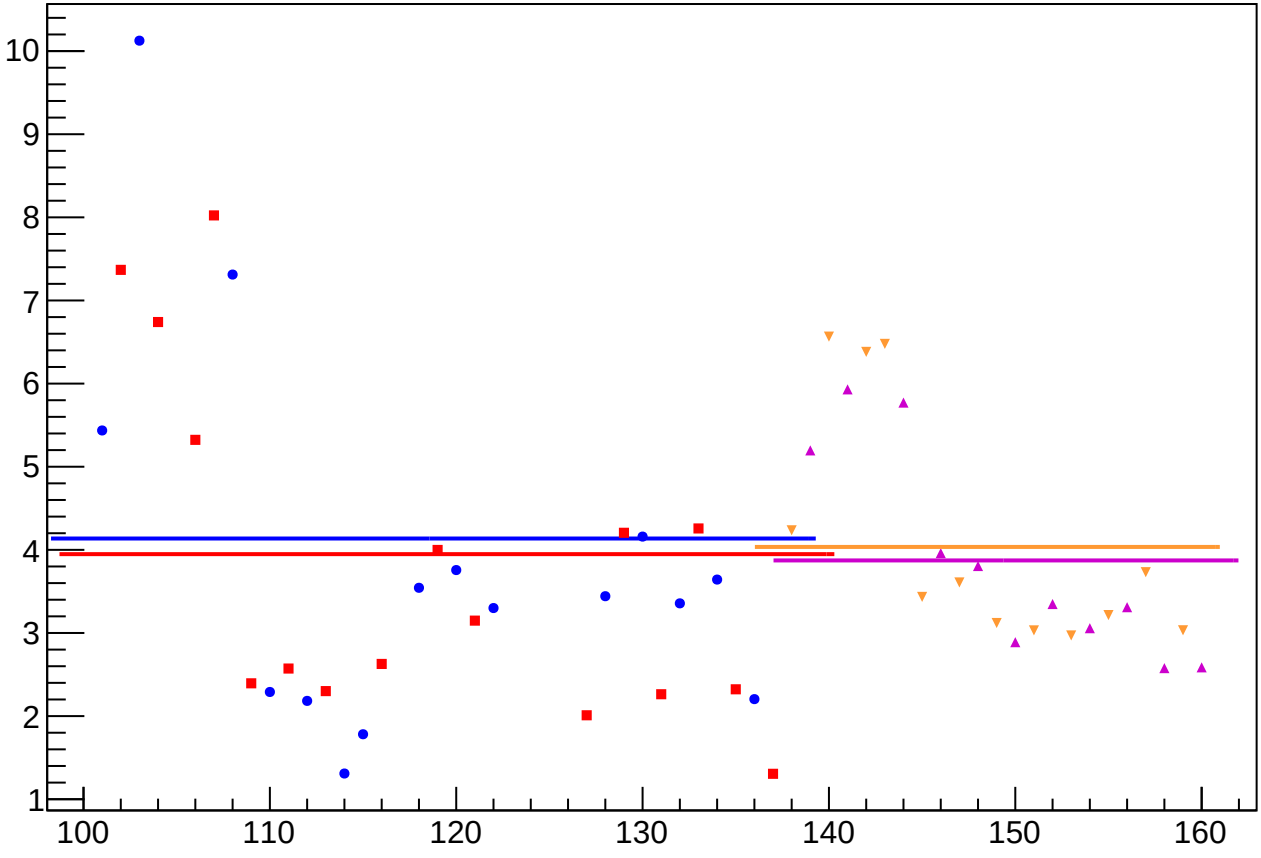
All: 3.709+/-0.000 χ^2/NDF: 6952977853900 1

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

- sign 3.903+/-0.000 χ^2/NDF: 25677839447530972

Left In: 3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

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

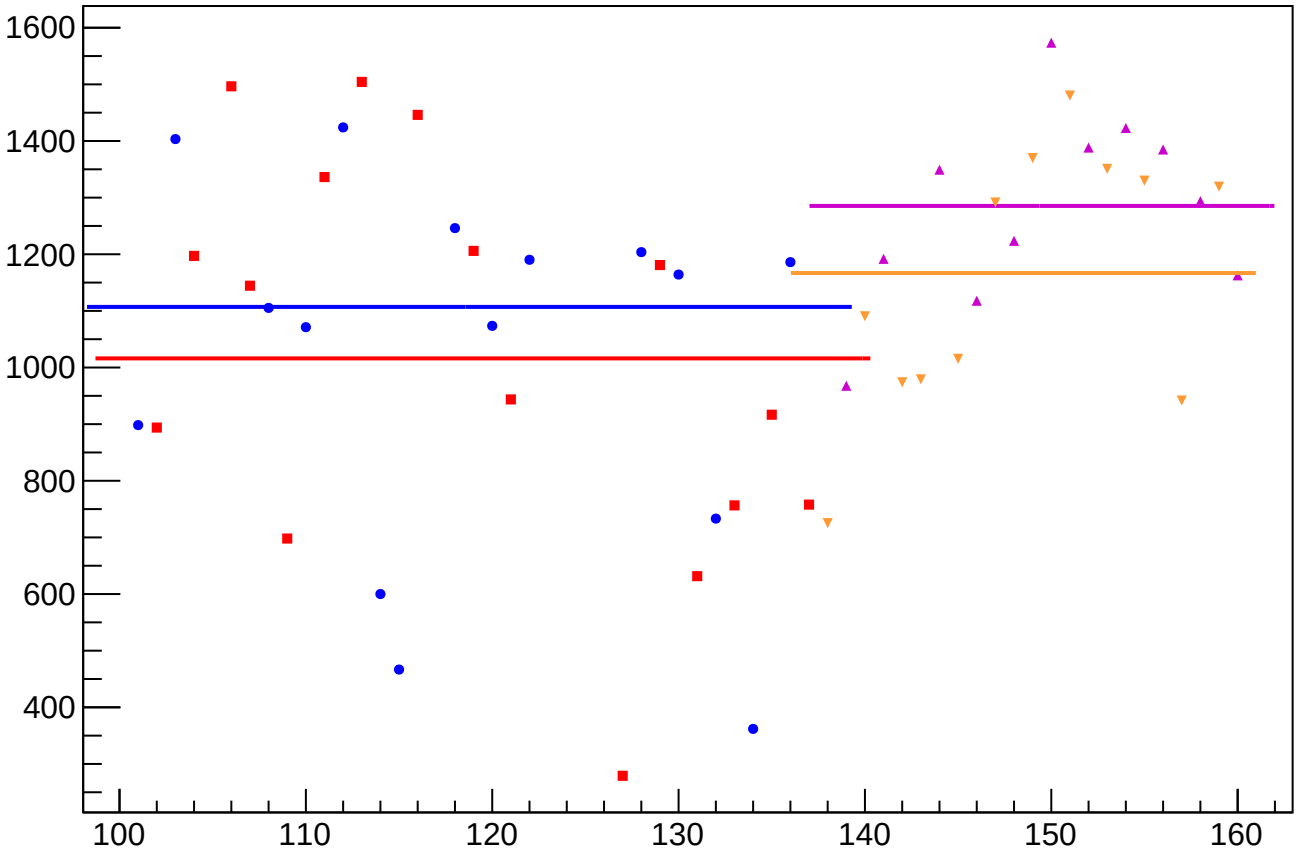
Left In: 3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

+ sign 4.077+/-0.000 χ^2/NDF: 5120791109485676

All: 3.990+/-0.000 χ^2/NDF: 9095304905164

- sign 3.904+/-0.000 χ^2/NDF: 3950992574828696

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

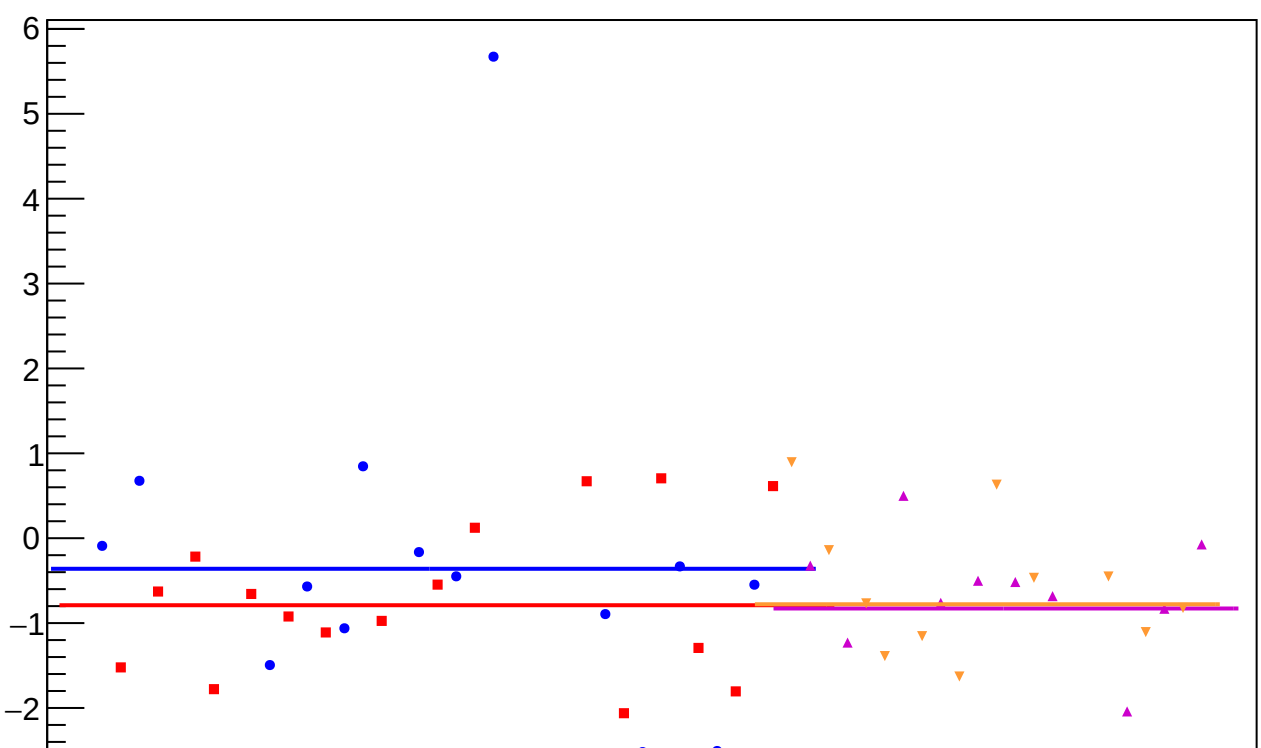
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- 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

+ sign -0.605+/-0.000 χ^2/NDF: 3188346311700114

Left Out: -0.778+/-0.000 χ^2/NDF:9417925683764342254868439886725 12.0/11

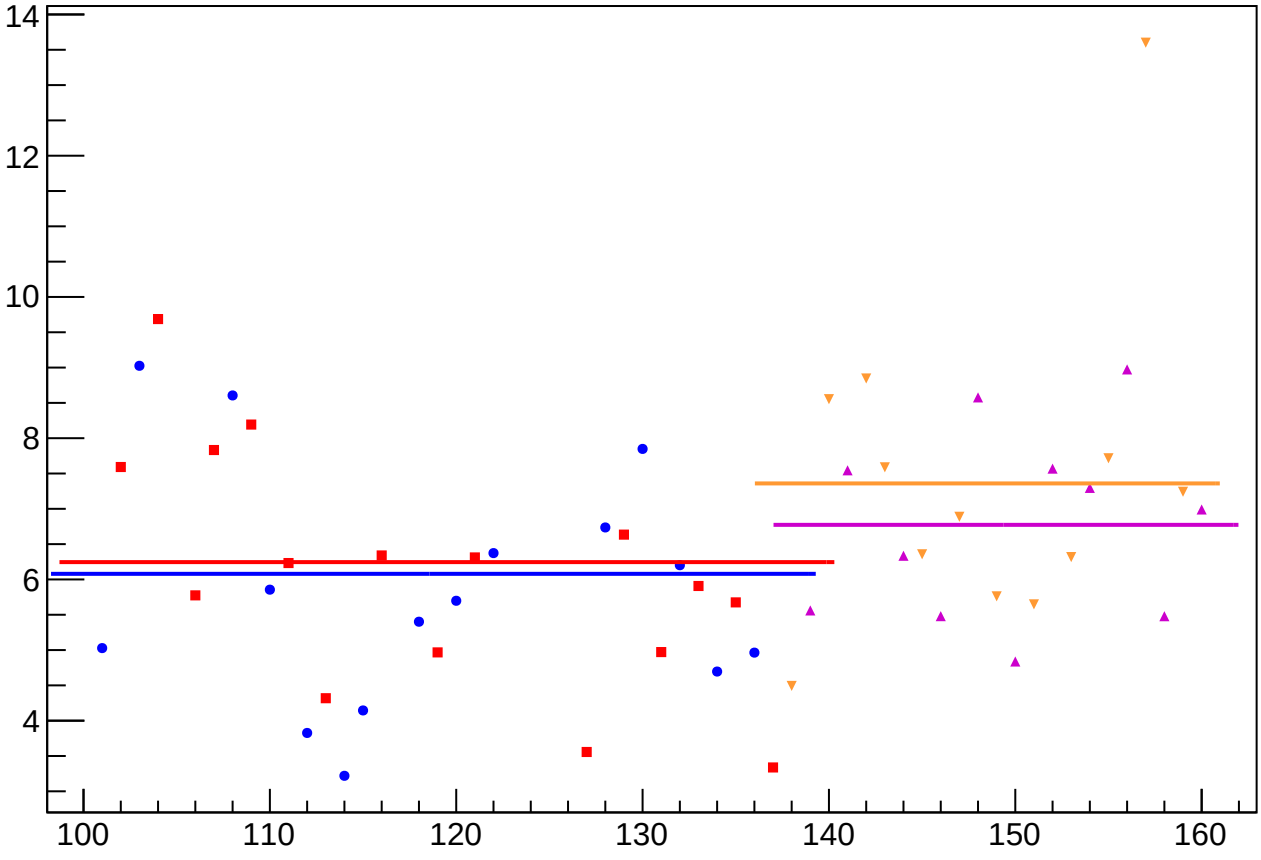
All: -0.709+/-0.000 χ^2/NDF: 4336052335682

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.812+/-0.000 χ^2/NDF: 1113826026082910

Left In: -0.828+/-0.000 χ^2/NDF:6501739774591225245371804543877 12.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.828+/-0.000 χ^2/NDF: 6792638877370086 9

Left Out: 7.360+/-0.000 χ^2/NDF:458038075523936550358514007015424 0.0/11

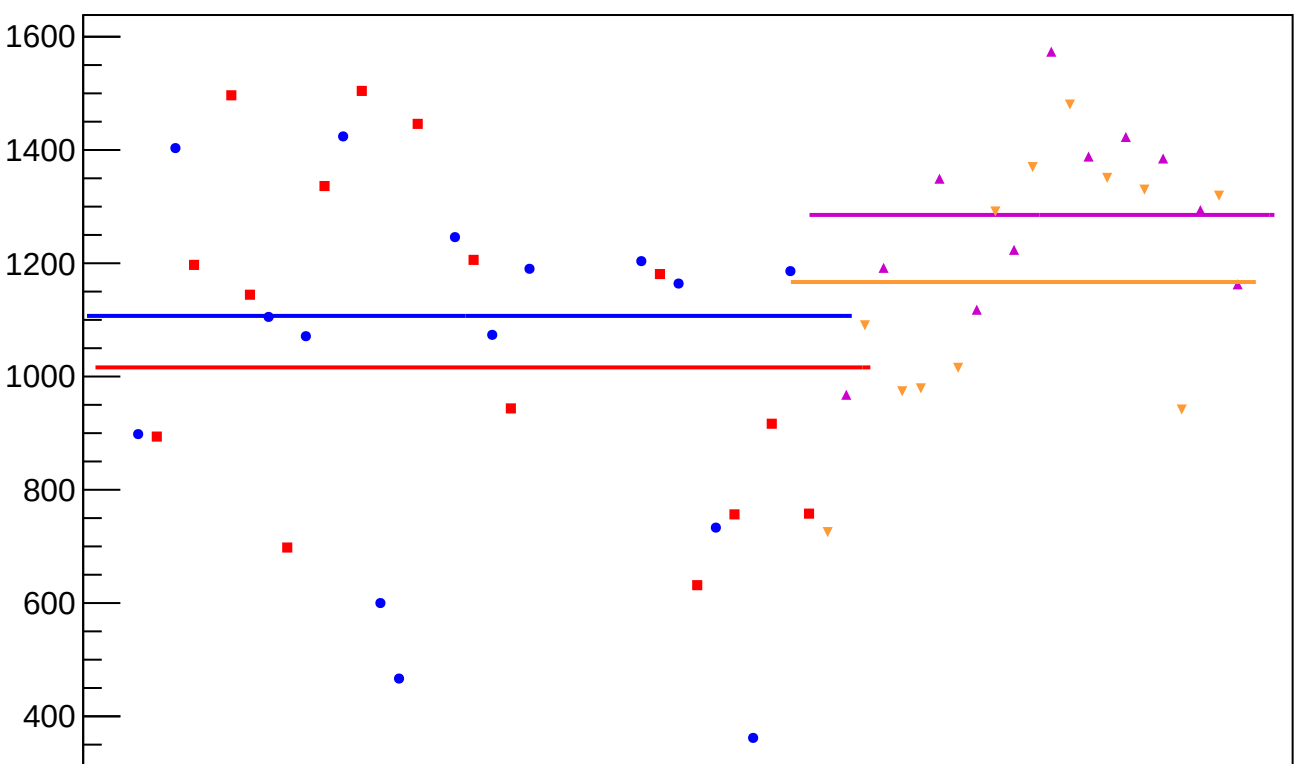
All: 6.689+/-0.000 χ^2/NDF: 1032305053905 5

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.552+/-0.000 χ^2/NDF: 34702547921187787

Left In: 6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

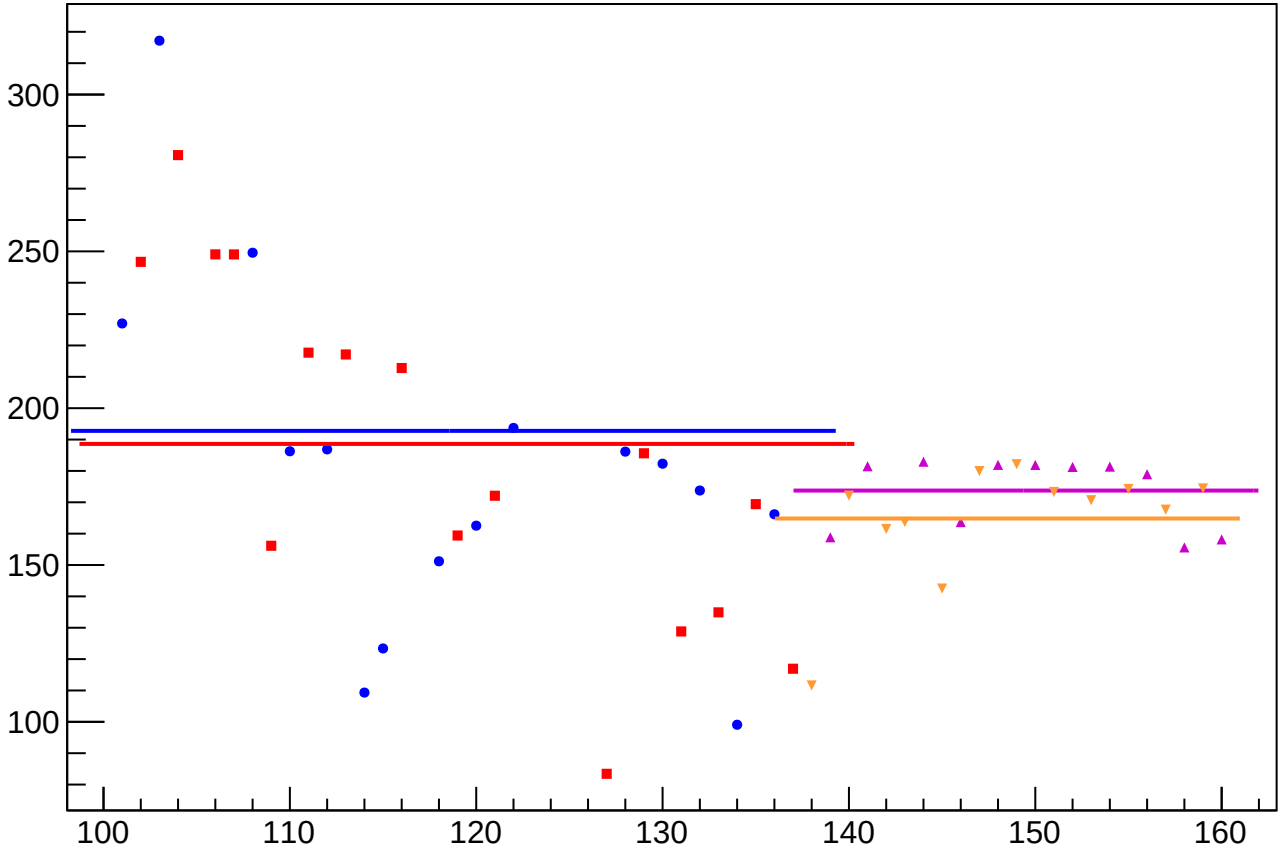
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 176.433+/-0.000 χ^2/NDF: 226806307744820

Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11

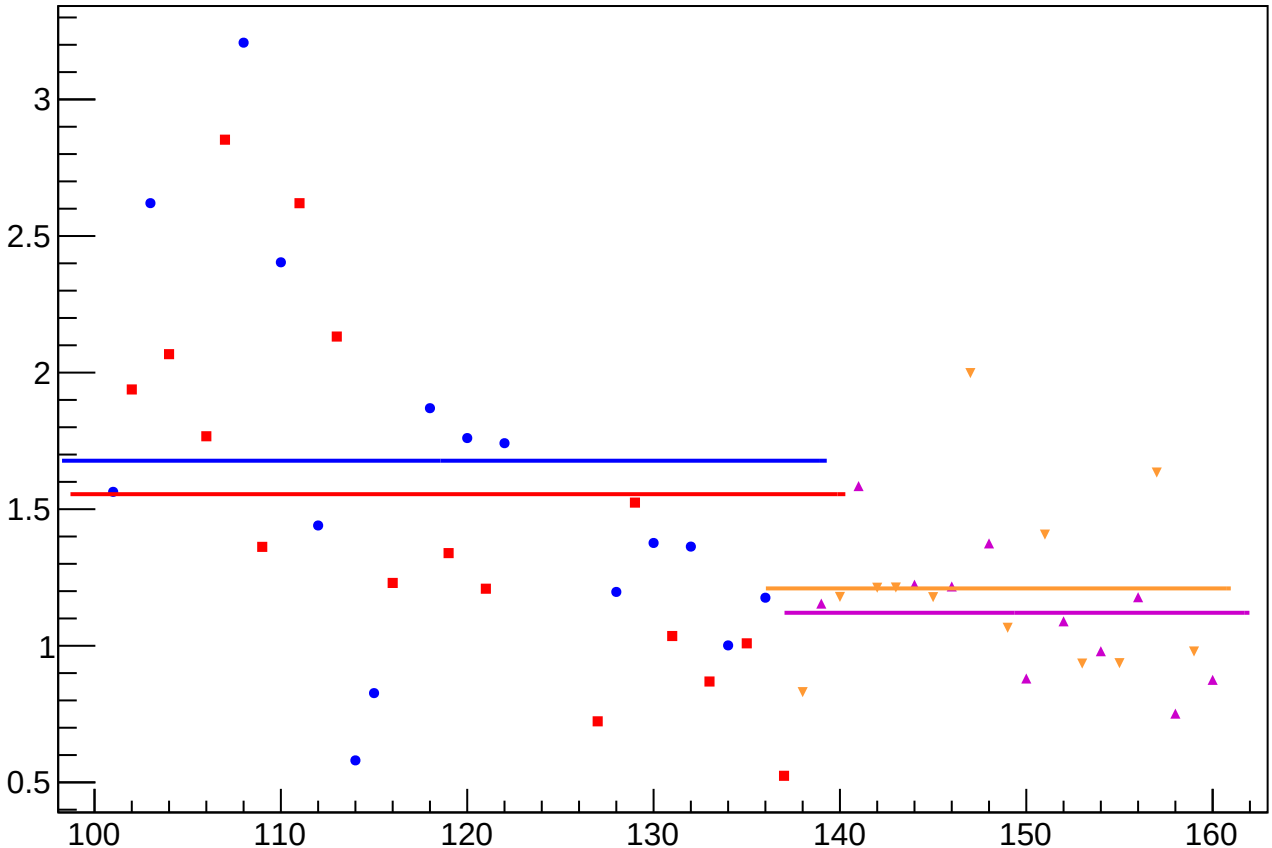
All: 178.219+/-0.000 χ^2/NDF: 43935498747

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 179.974+/-0.000 χ^2/NDF: 211560304537061

Left In: 173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.404+/-0.000 χ^2/NDF: 4203163615319246 3

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

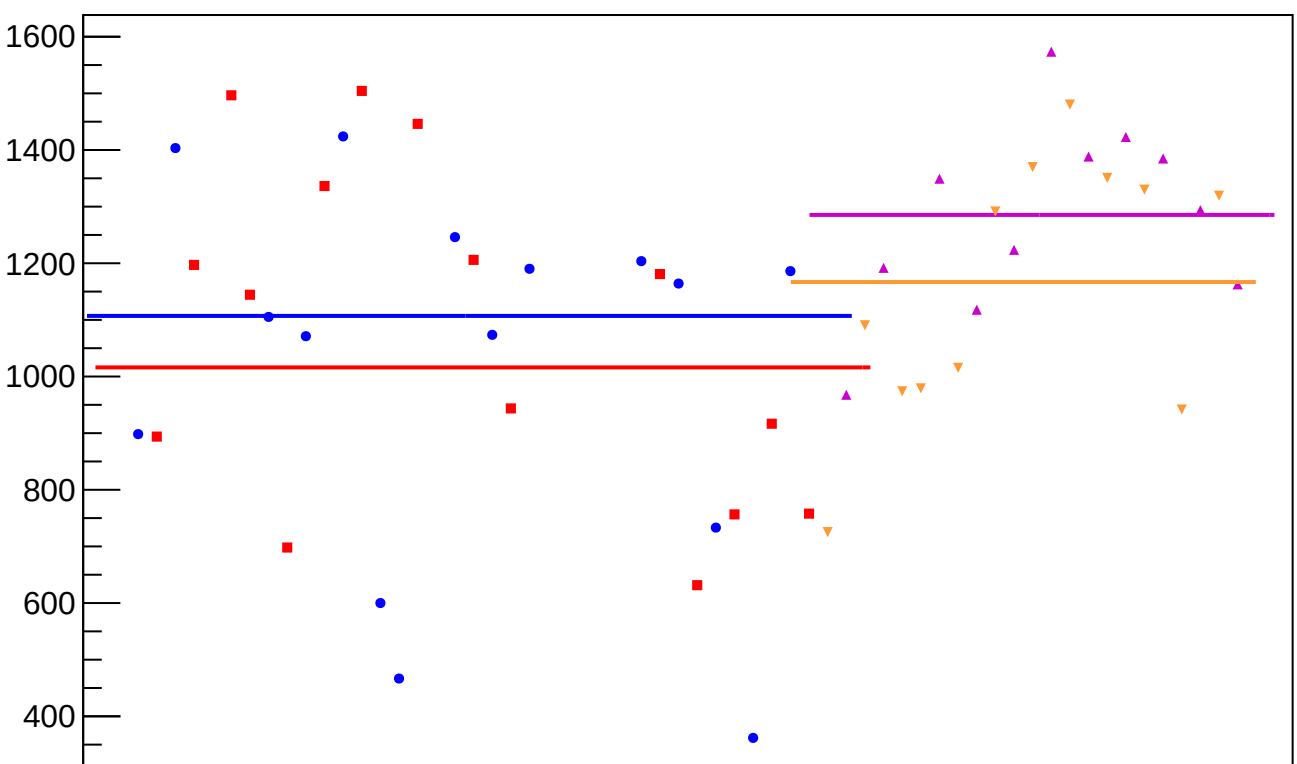
All: 1.353+/-0.000 χ^2/NDF: 8054448524380 2

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.303+/-0.000 χ^2/NDF: 3770443813103152 4

Left In: 1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

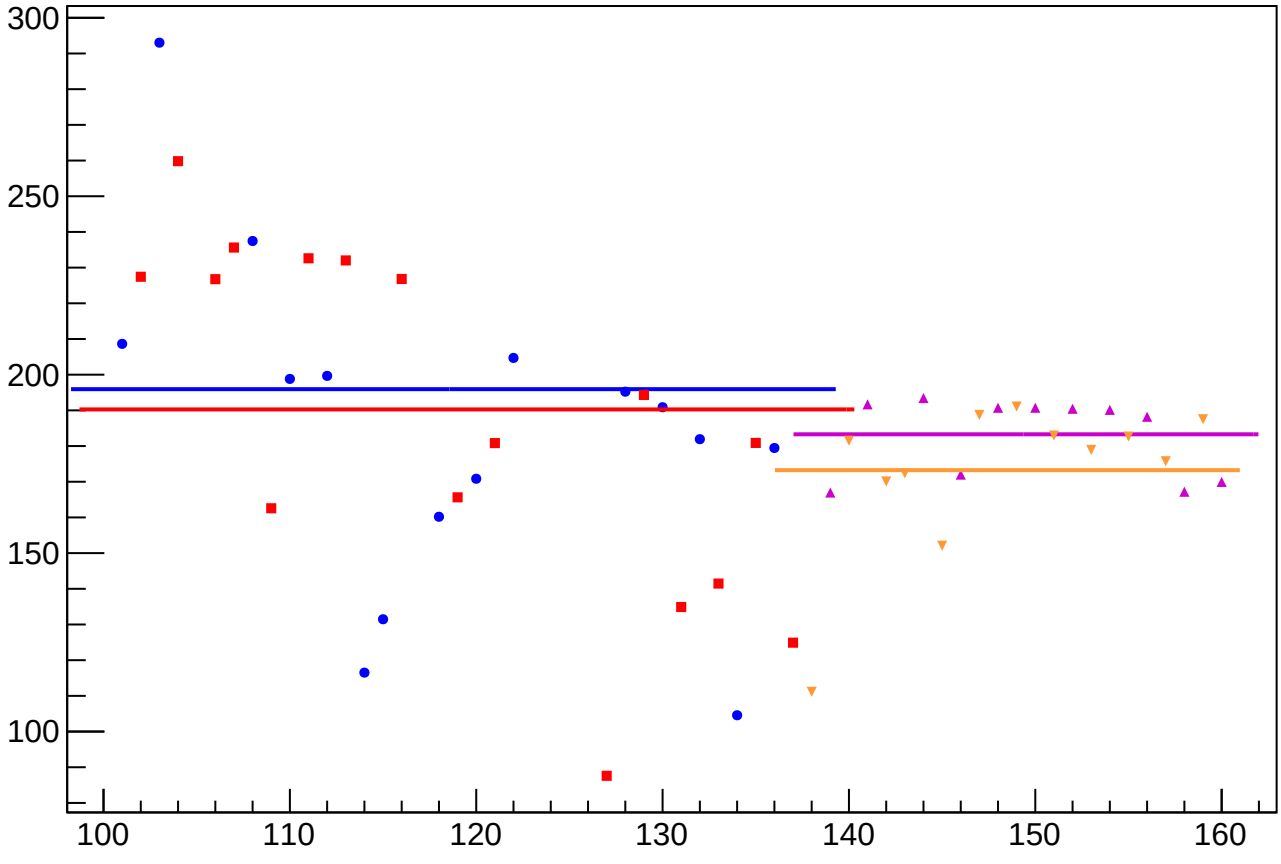
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

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:4211897430223129567796212229545656 32.0/11

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

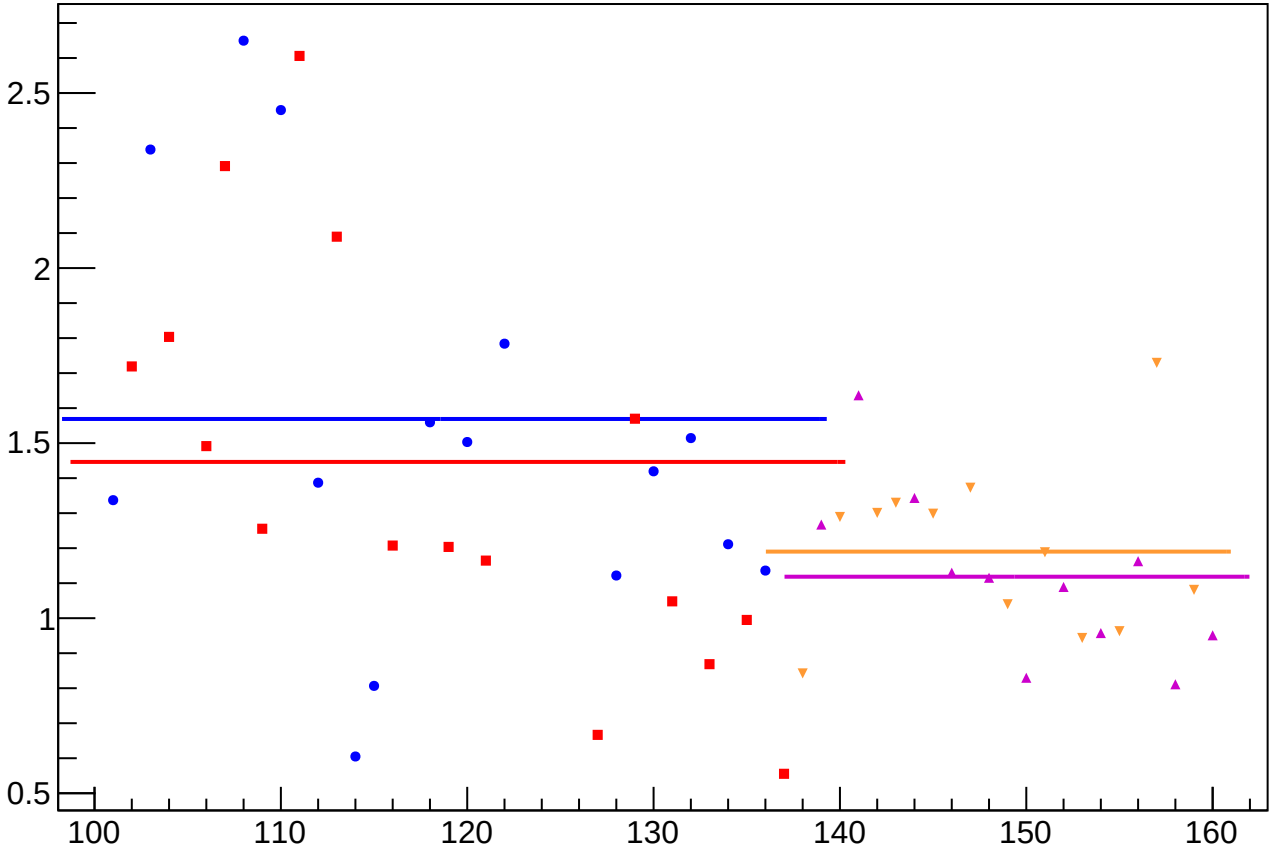
Left In: 183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

+ sign 182.669+/-0.000 χ^2/NDF: 16745674206207 5

All: 184.458+/-0.000 χ^2/NDF: 32735567790 4

- sign 186.216+/-0.000 χ^2/NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.190+/-0.000 χ^2/NDF:5074582293603221733614481414553 6.0/11

Right Out: 1.446+/-0.000 χ^2/NDF: 19629665391752335244327105278771 2.0/15

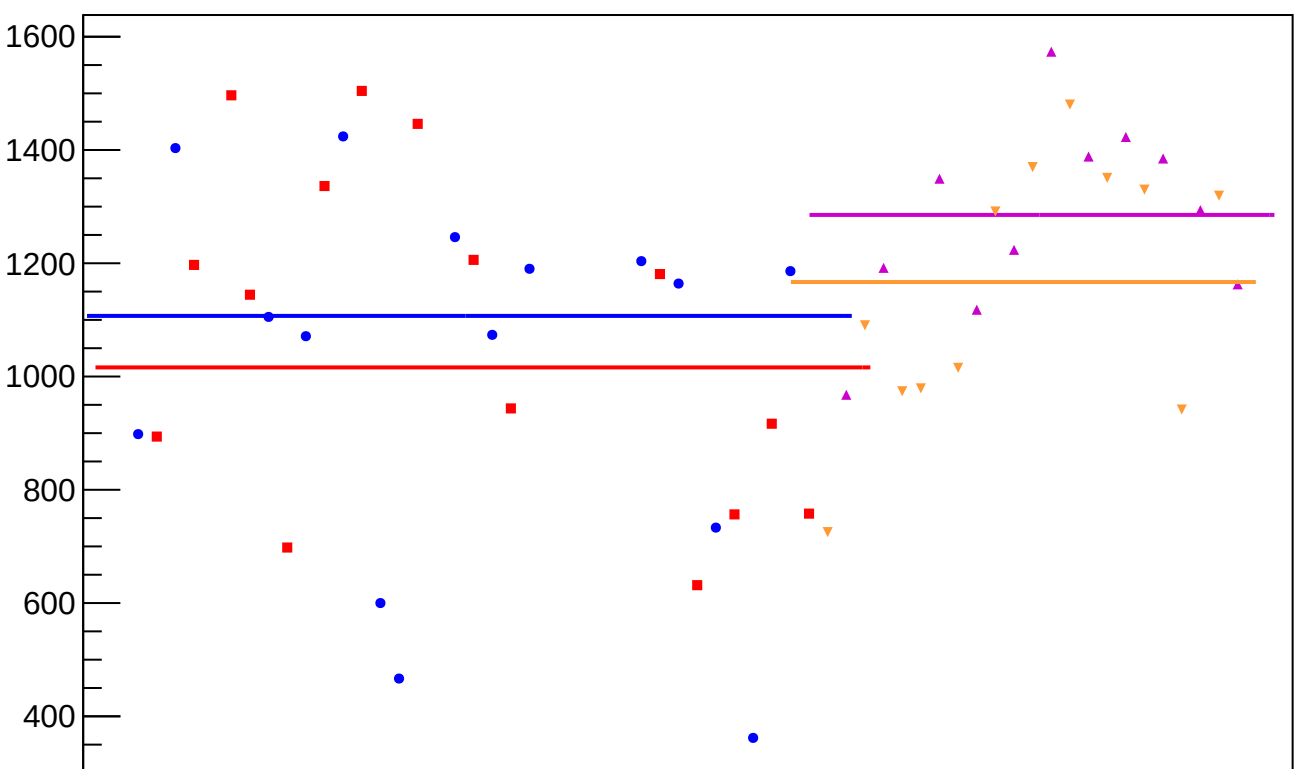
Left In: 1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

+ sign 1.347+/-0.000 χ^2/NDF: 2680564508595917 5

All: 1.301+/-0.000 χ^2/NDF: 5615758872199 8

- sign 1.256+/-0.000 χ^2/NDF: 2869099255914574 3

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

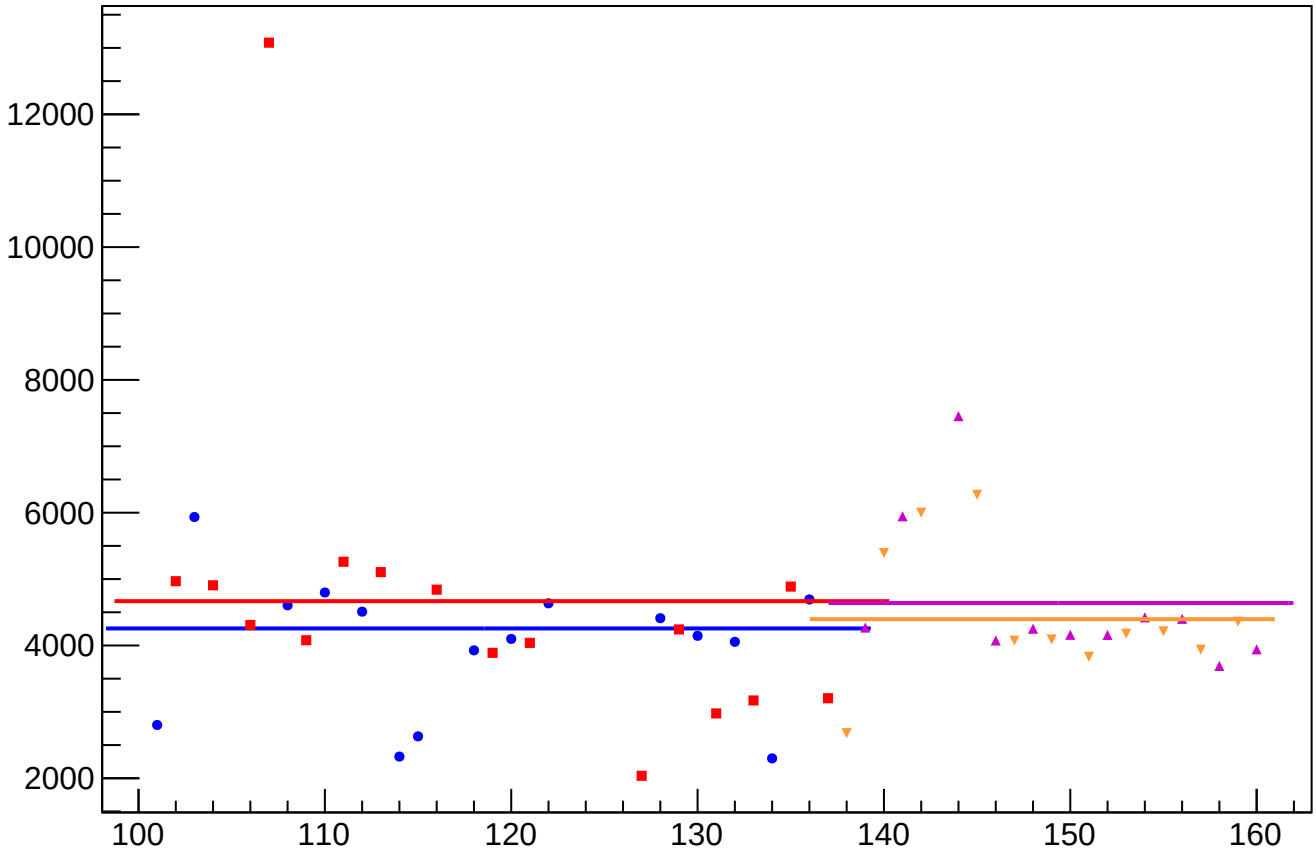
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

+ sign 4335.661+/-0.000 χ^2/NDF: 1273495465485 7

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

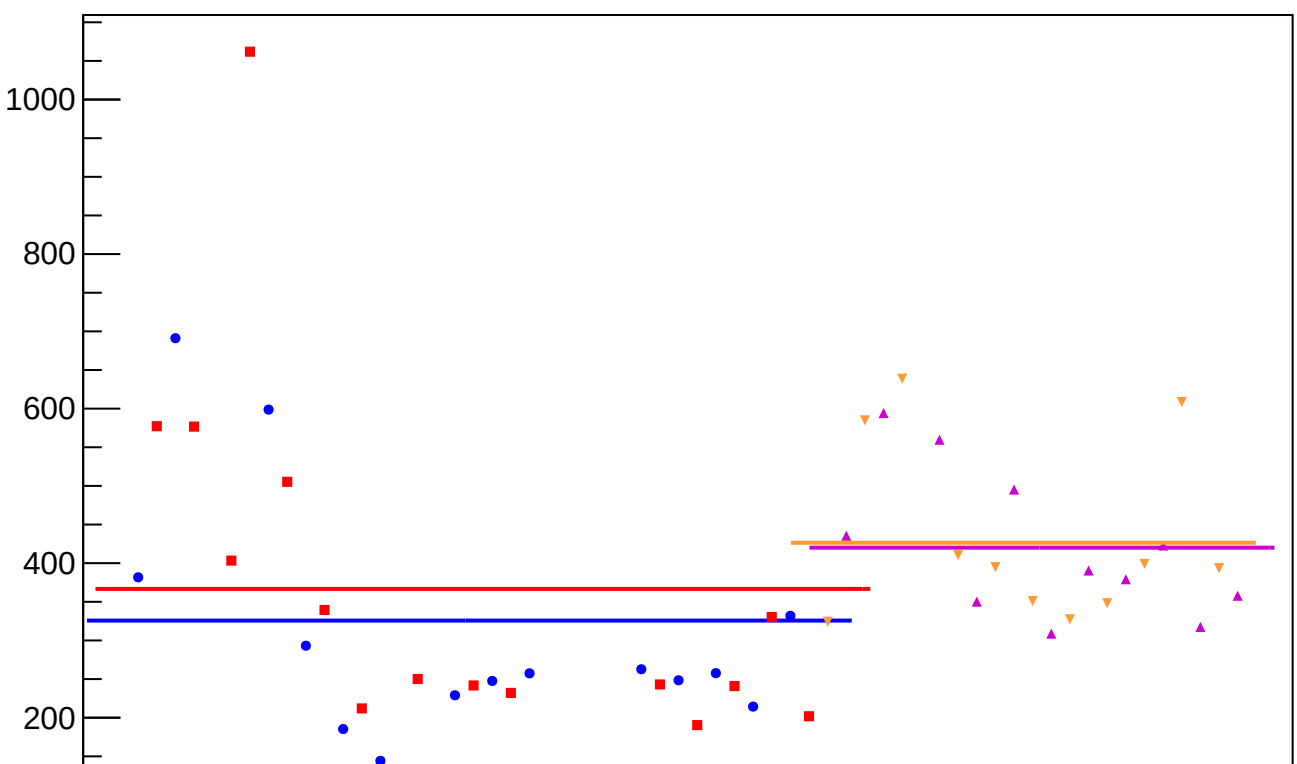
All: 4498.481+/-0.000 χ^2/NDF: 5611121427 8

Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

- sign 4651.578+/-0.000 χ^2/NDF: 4260675233621 6

Left Out: 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: 1463335956794024412389724276985430016 0.0/14

+ sign 382.754+/-0.000 χ^2/NDF: 279252260301187

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

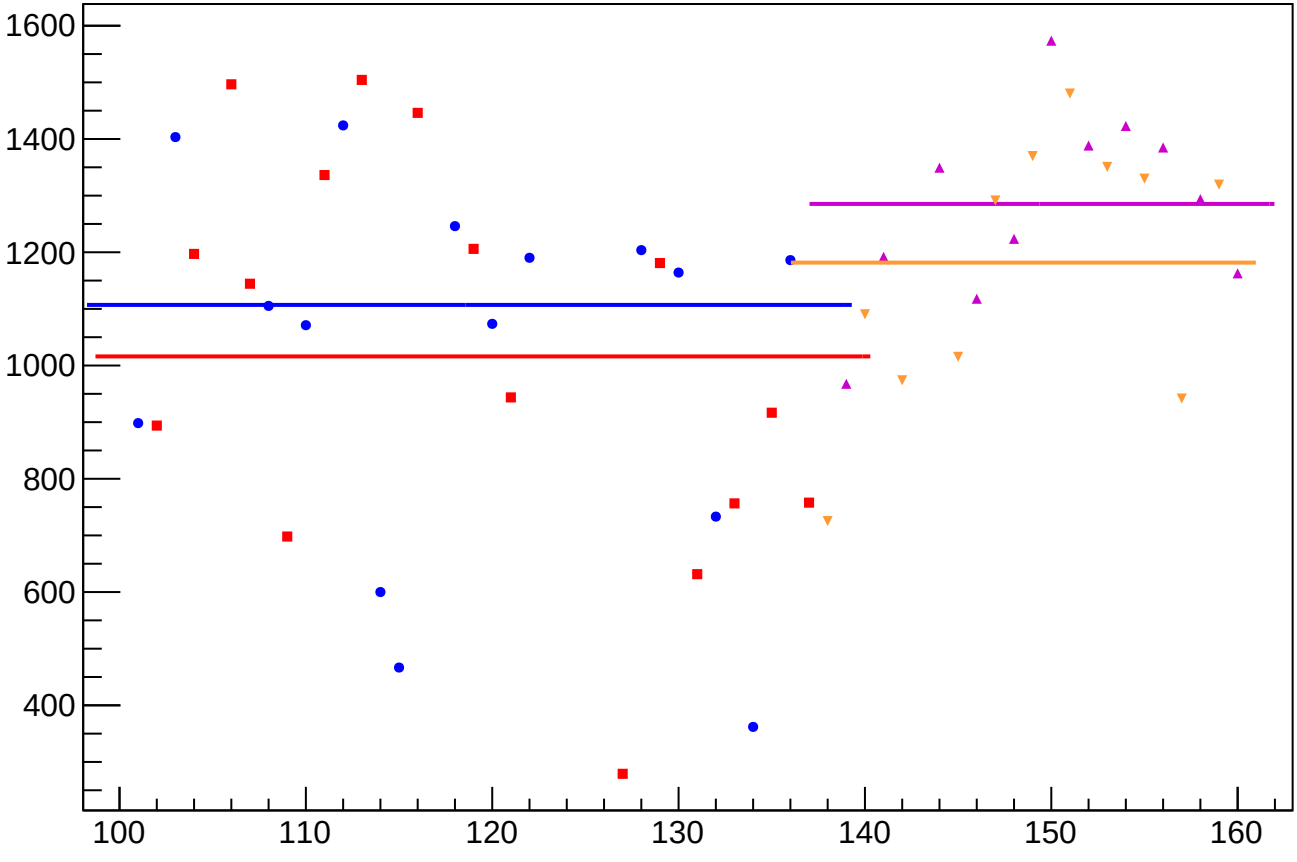
All: 390.448+/-0.000 χ^2/NDF: 69004632674

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

- sign 397.684+/-0.000 χ^2/NDF: 409075450012092

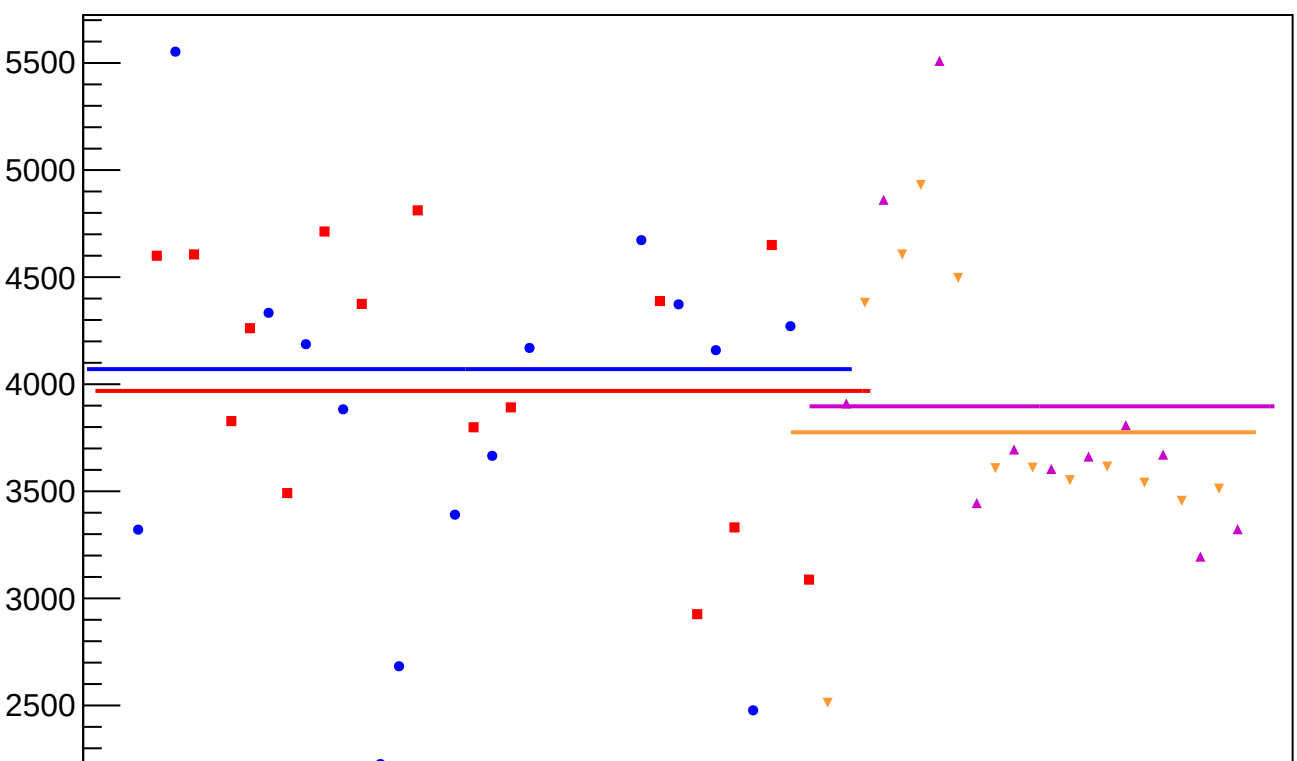
Left In: 420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1149.328+/-0.000 χ^2/NDF: 8478540903172 0
Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10
All: 1161.261+/-0.000 χ^2/NDF: 2098532030 9
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720903 68.0/11

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

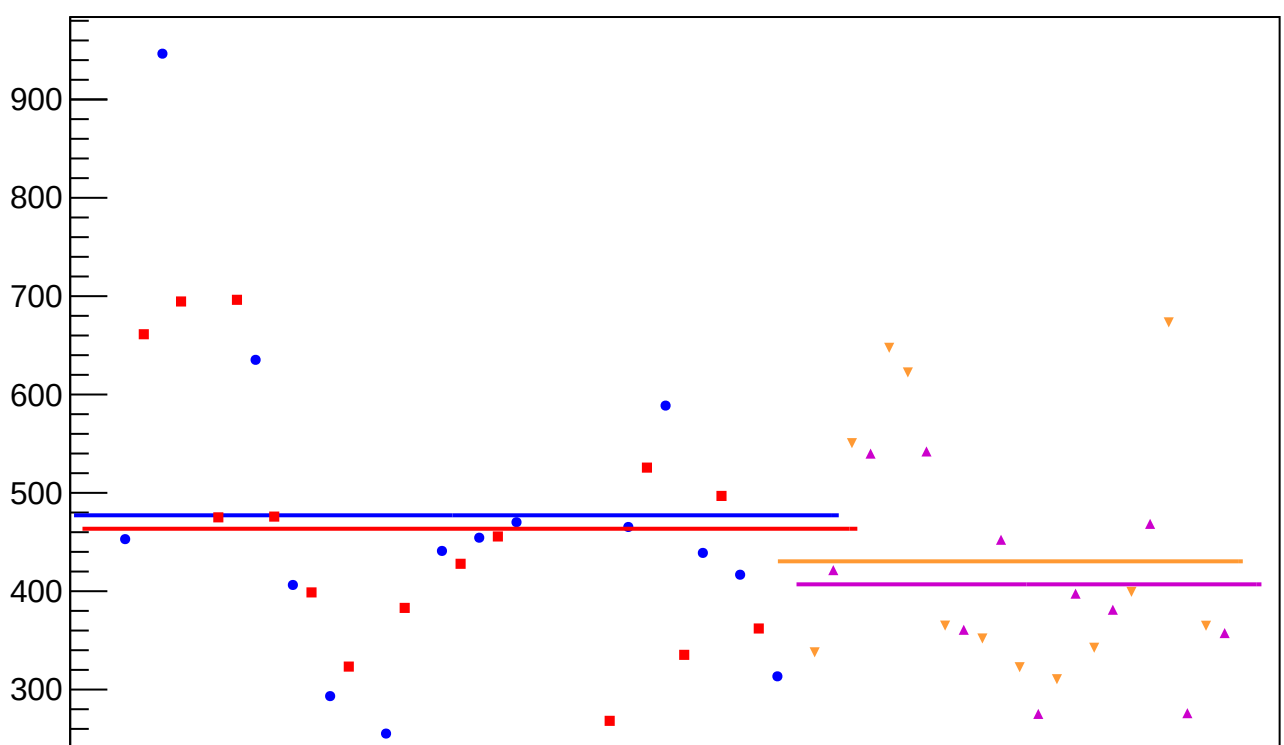
Left In: 3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143533178 88.0/10

+ sign 3897.950+/-0.000 χ^2/NDF: 7209154986710 8

All: 3912.568+/-0.000 χ^2/NDF: 1496070330 2

- sign 3926.928+/-0.000 χ^2/NDF: 7744927899095 2

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

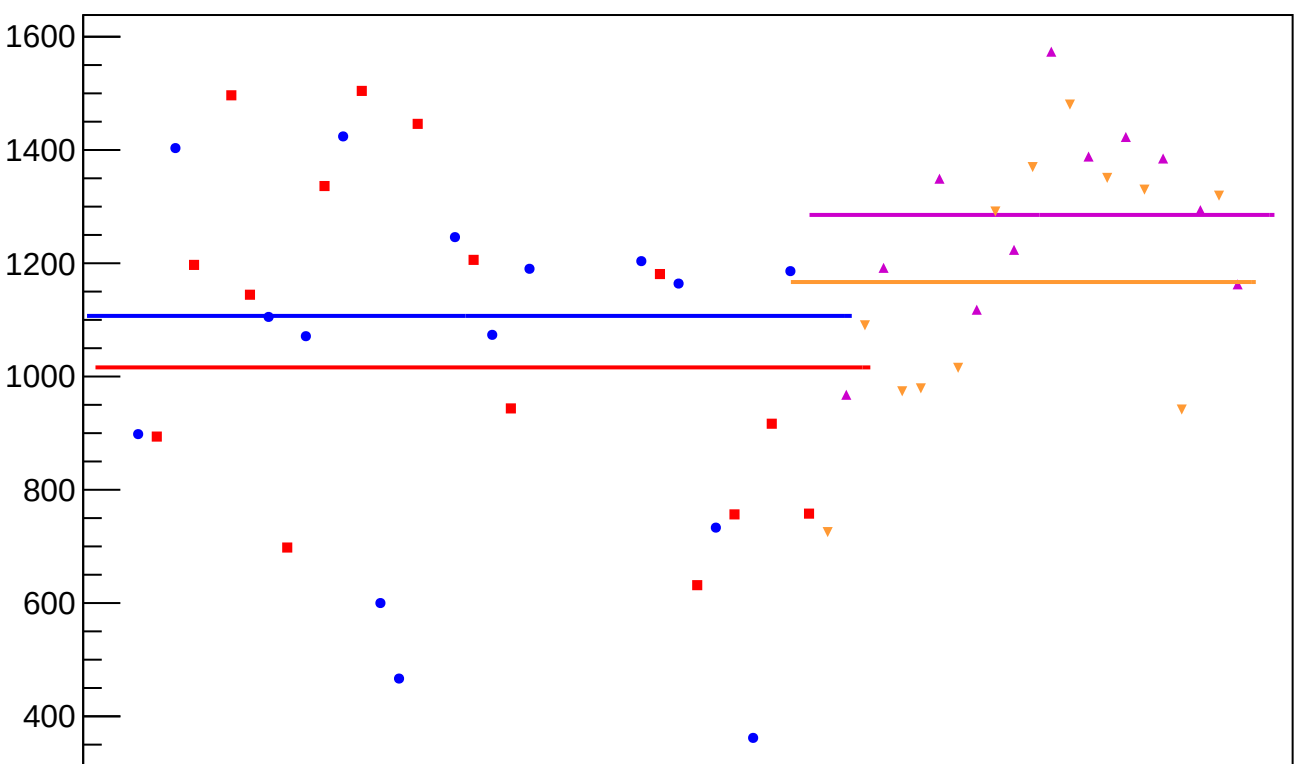
Left In: 406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF: 36411863935895 3

All: 440.167+/-0.000 χ^2/NDF: 5750904412 02

- sign 430.686+/-0.000 χ^2/NDF: 20808578063508 0

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

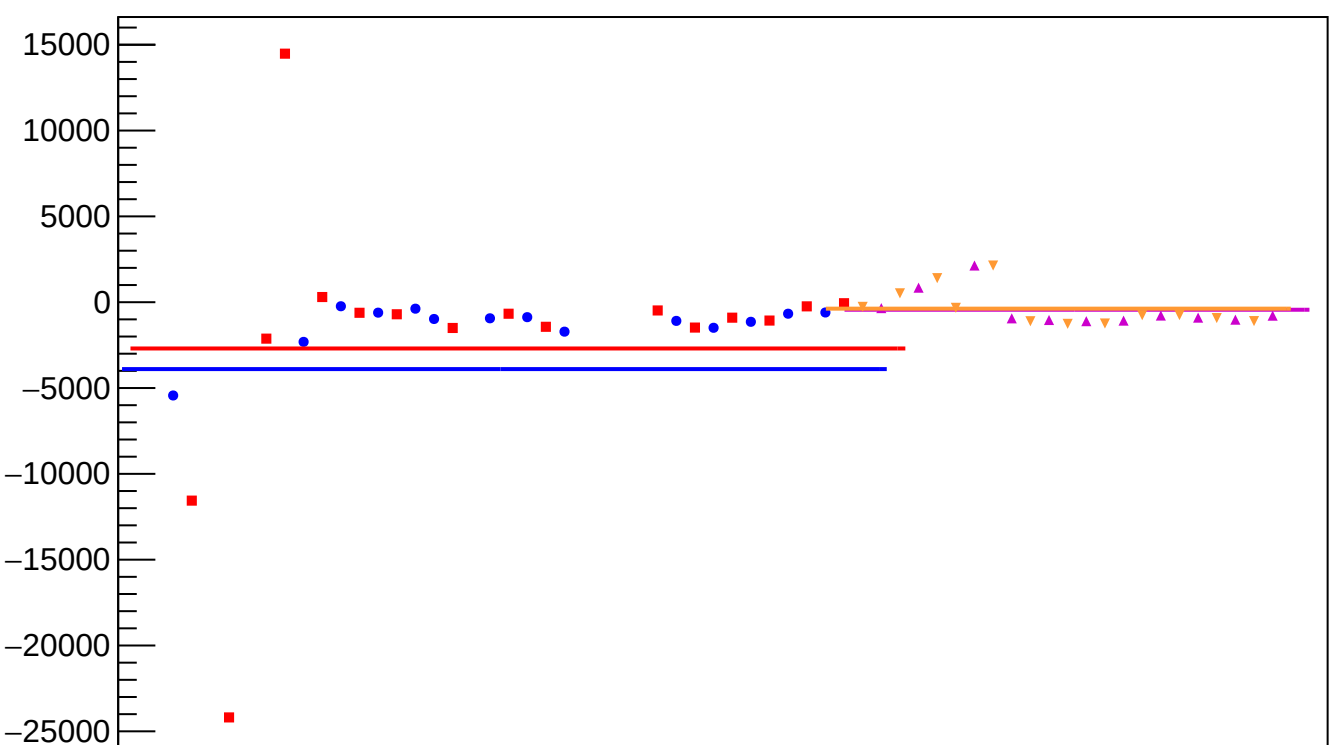
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

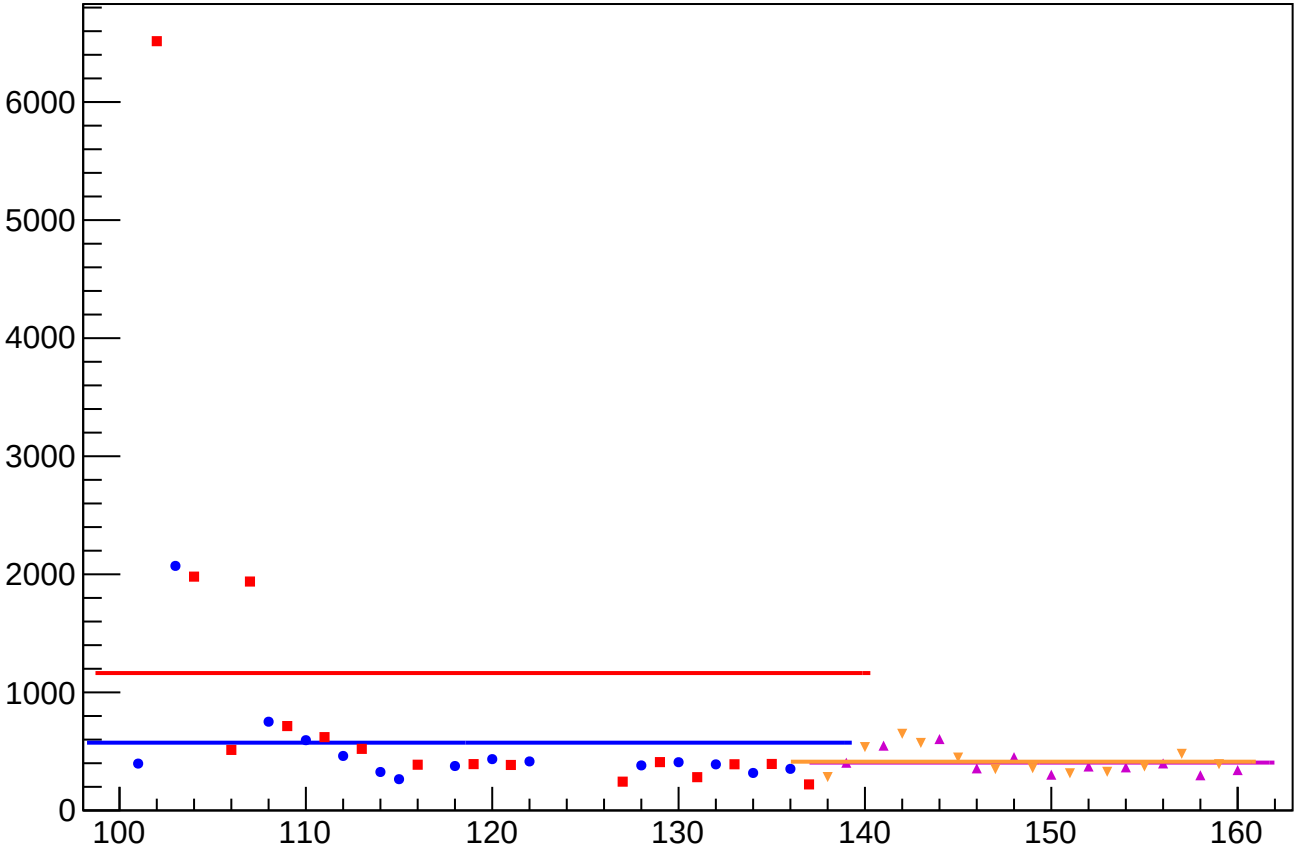
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -1837.483+/-0.000 χ^2/NDF: 4528252222957
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
All: -1609.422+/-0.000 χ^2/NDF: 8915994509
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1385.374+/-0.000 χ^2/NDF: 4371626422274
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: 1521052298891604230184937095823905259 52.0/14

+ sign 479.885+/-0.000 χ^2/NDF: 171327208770113

Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877440 0.0/11

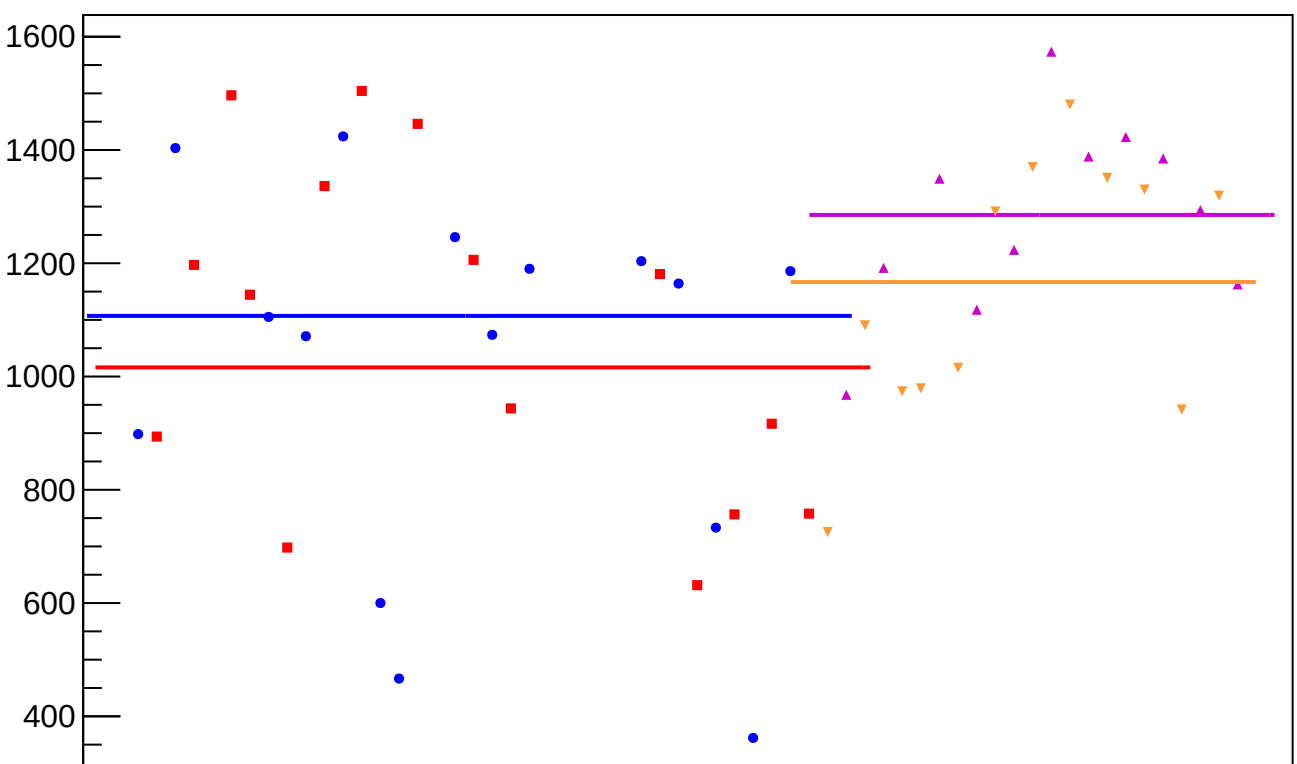
All: 602.666+/-0.000 χ^2/NDF: 24520895778 5

Right Out: 1163.697+/-0.000 χ^2/NDF: 200319439647546533719015478751518313 6768.0/15

- sign 723.286+/-0.000 χ^2/NDF: 223405186584258

Left In: 405.371+/-0.000 χ^2/NDF:809637404511790653534348357749492940 8.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

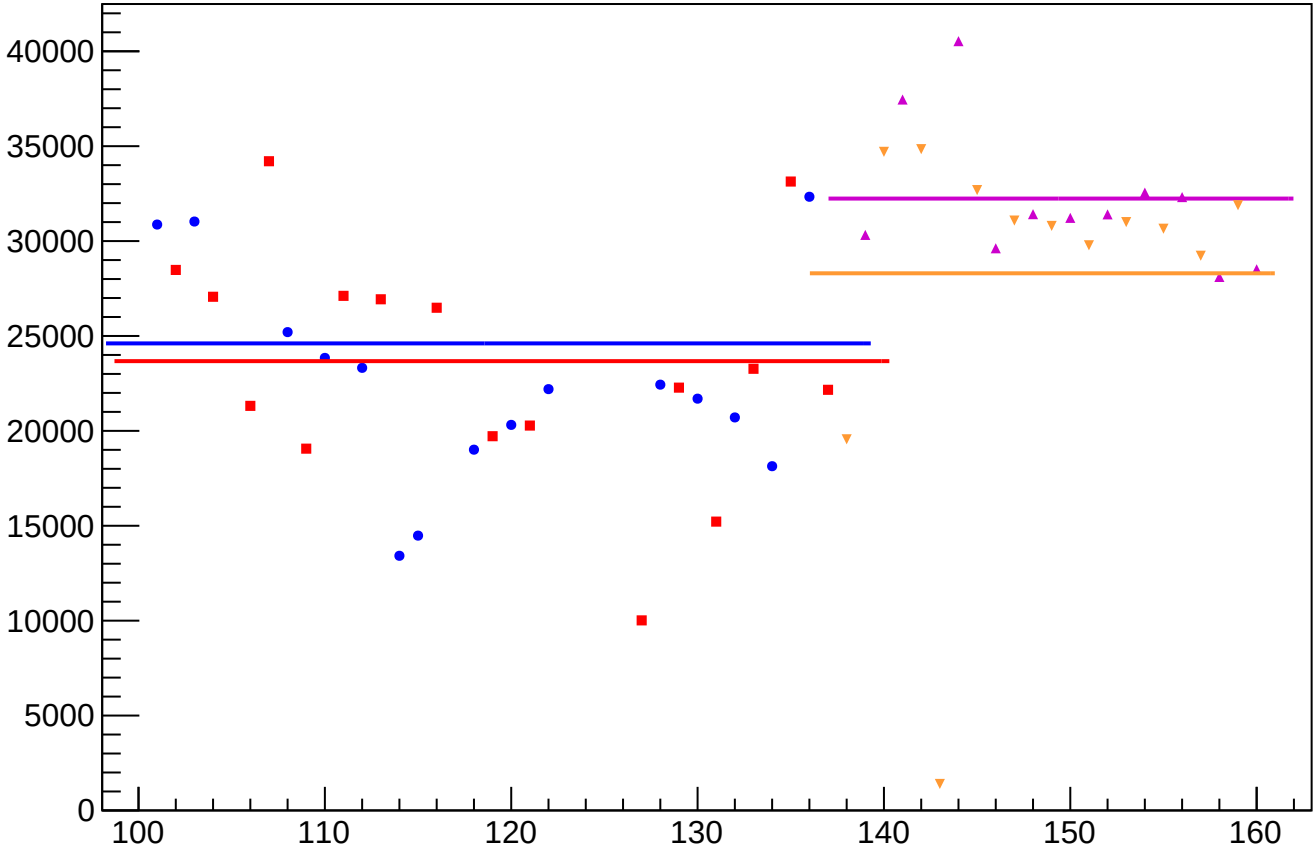
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Left Out: 28302.359+/-0.000 χ^2/NDF:6474396057652607314785278932682393465651 2.0/11

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

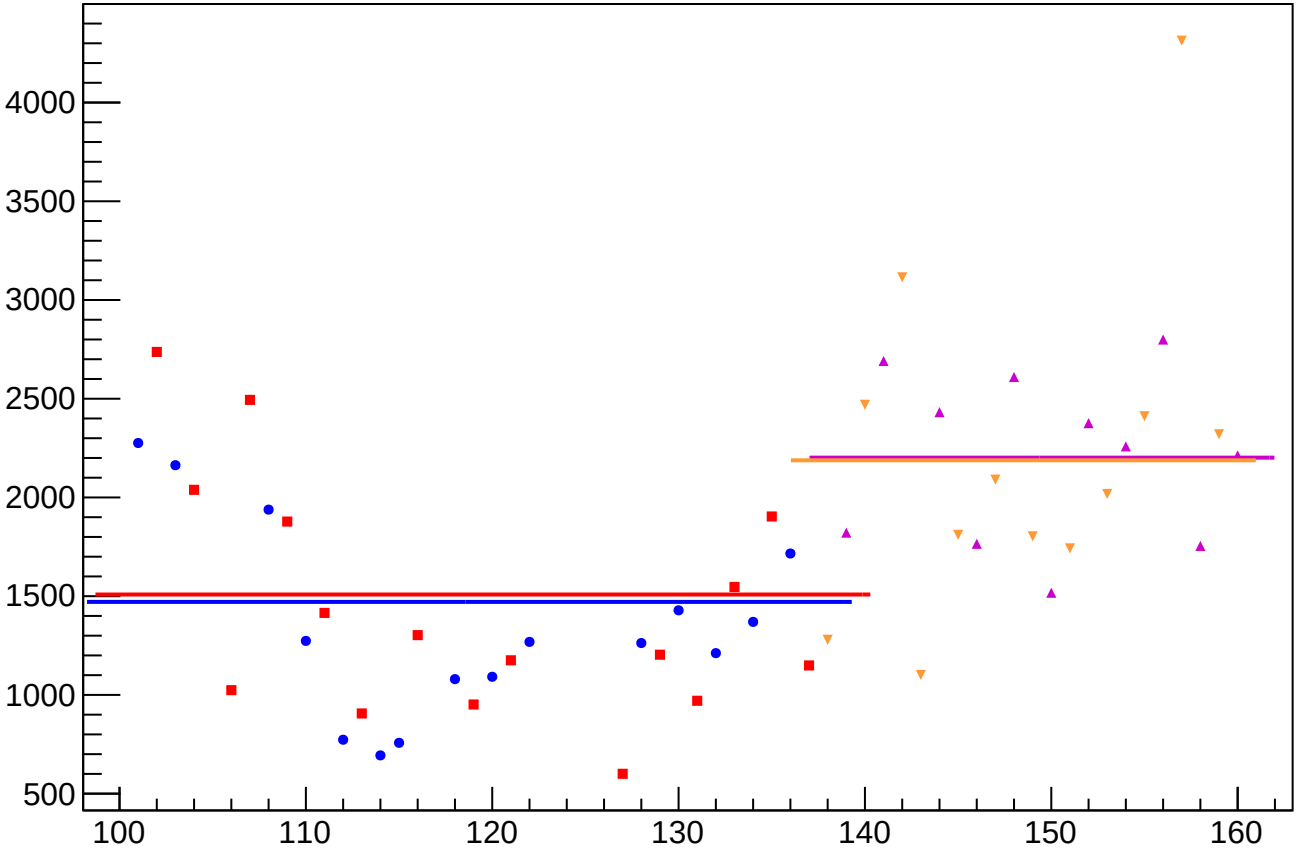
Left In: 32239.303+/-0.000 χ^2/NDF:1193139787566317714281282999880354103296 0.0/10

+ 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:5938585160905351867022075216408241766 40.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

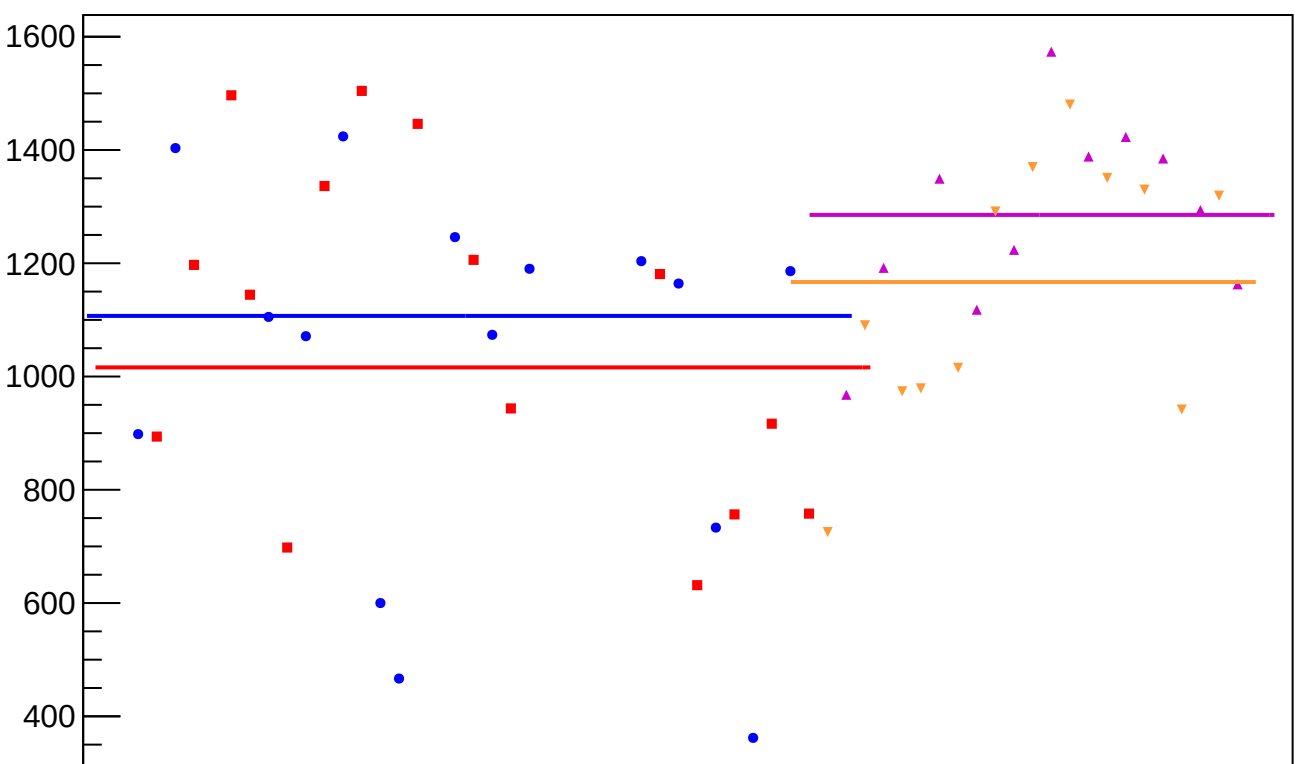
Left In: 2201.571+/-0.000 χ^2/NDF:156929124179690930619030229097962799104.0/10

+ sign 1890.398+/-0.000 χ^2/NDF: 9281589423830 4

All: 1900.786+/-0.000 χ^2/NDF: 1521607045 3

- 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: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

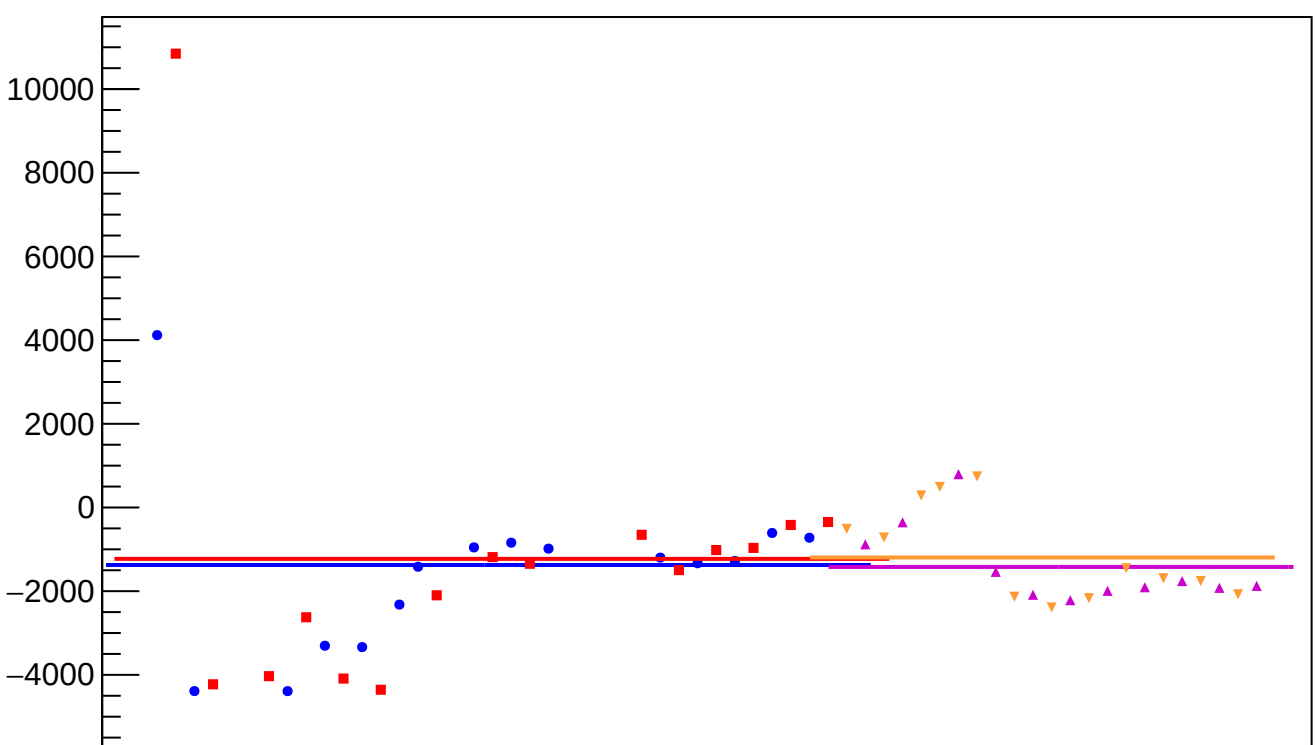
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

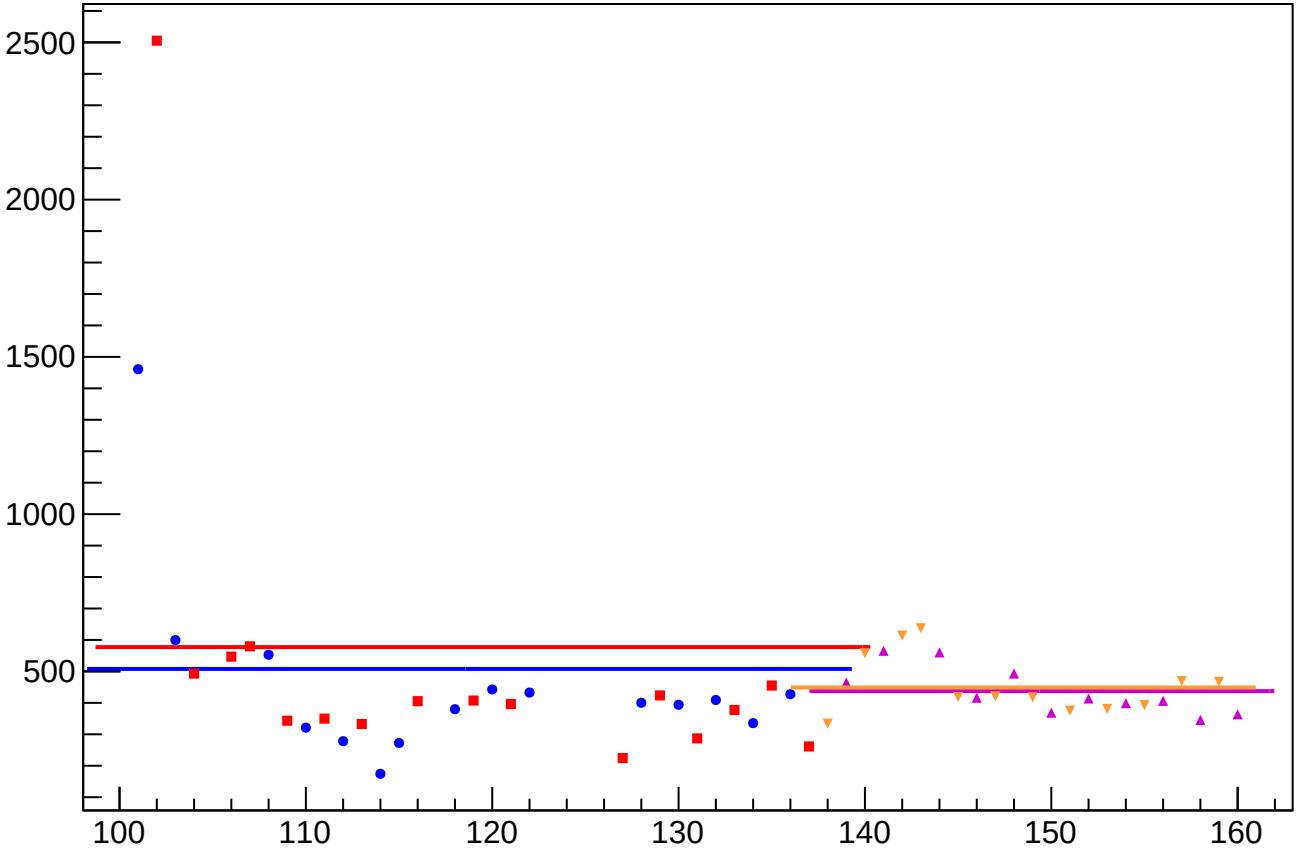
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1269.525+/-0.000 χ^2/NDF: 4097990392534
Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11
All: -1305.037+/-0.000 χ^2/NDF: 1597961645
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1339.925+/-0.000 χ^2/NDF: 1187771840458 3
Left In: -1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 448.905+/-0.000 χ^2/NDF:69724449690417259297441114941481287 68.0/11

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

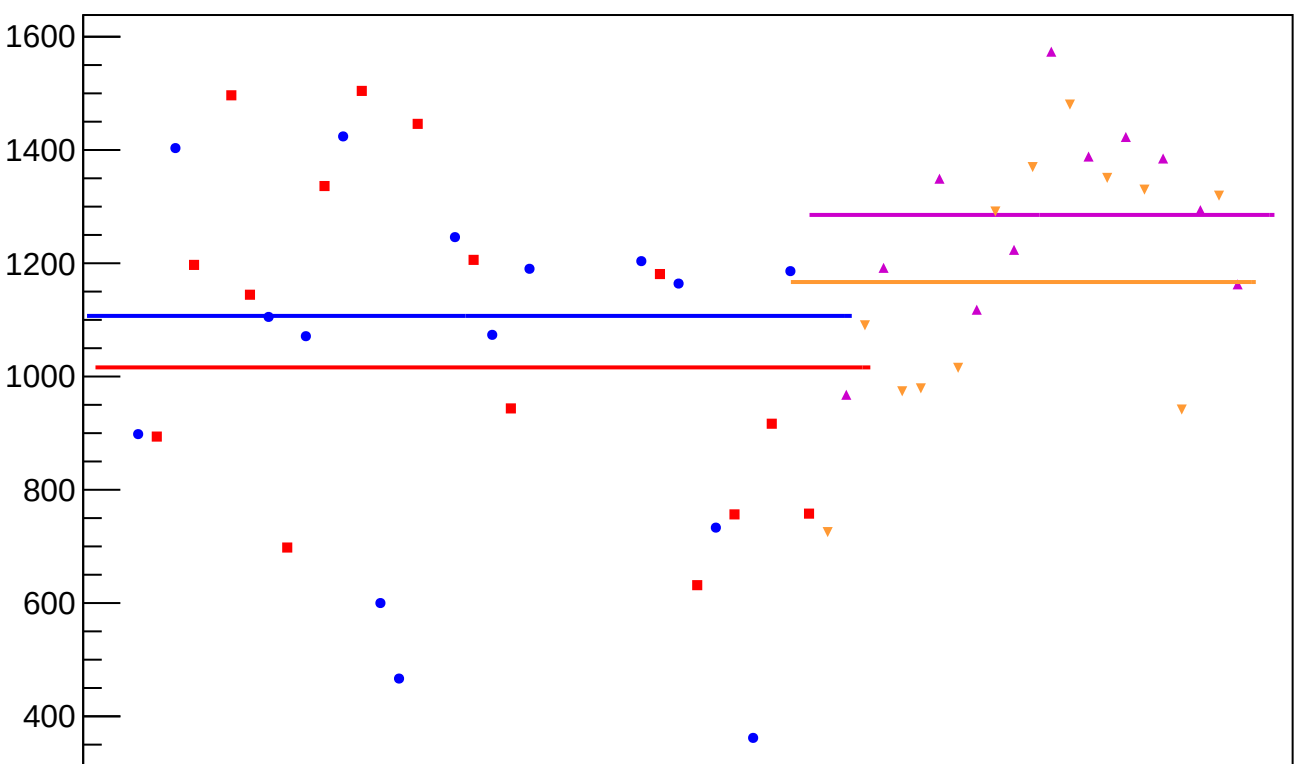
Left In: 437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

+ sign 473.363+/-0.000 χ^2/NDF: 724292062329366

All: 484.772+/-0.000 χ^2/NDF: 32658142352 7

- 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: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

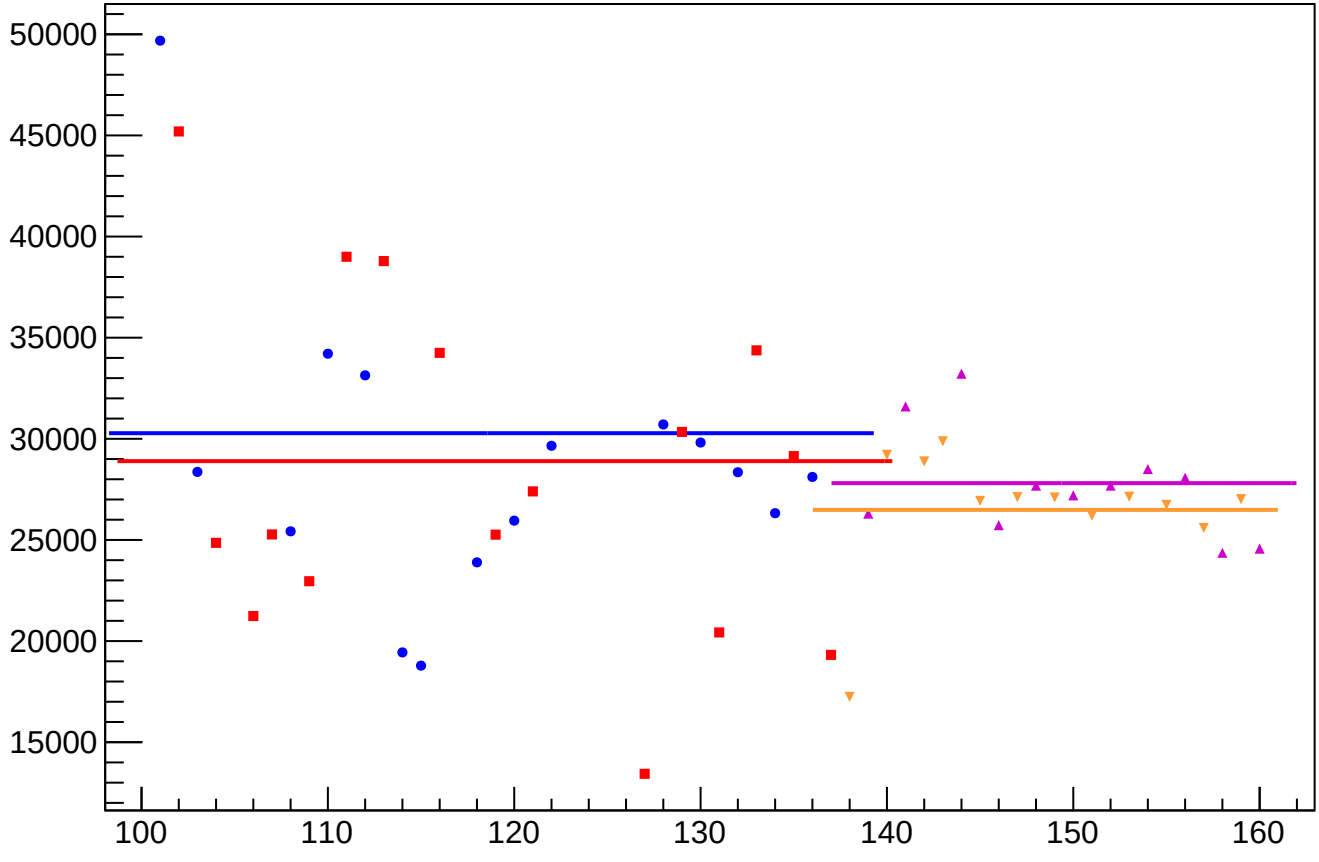
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

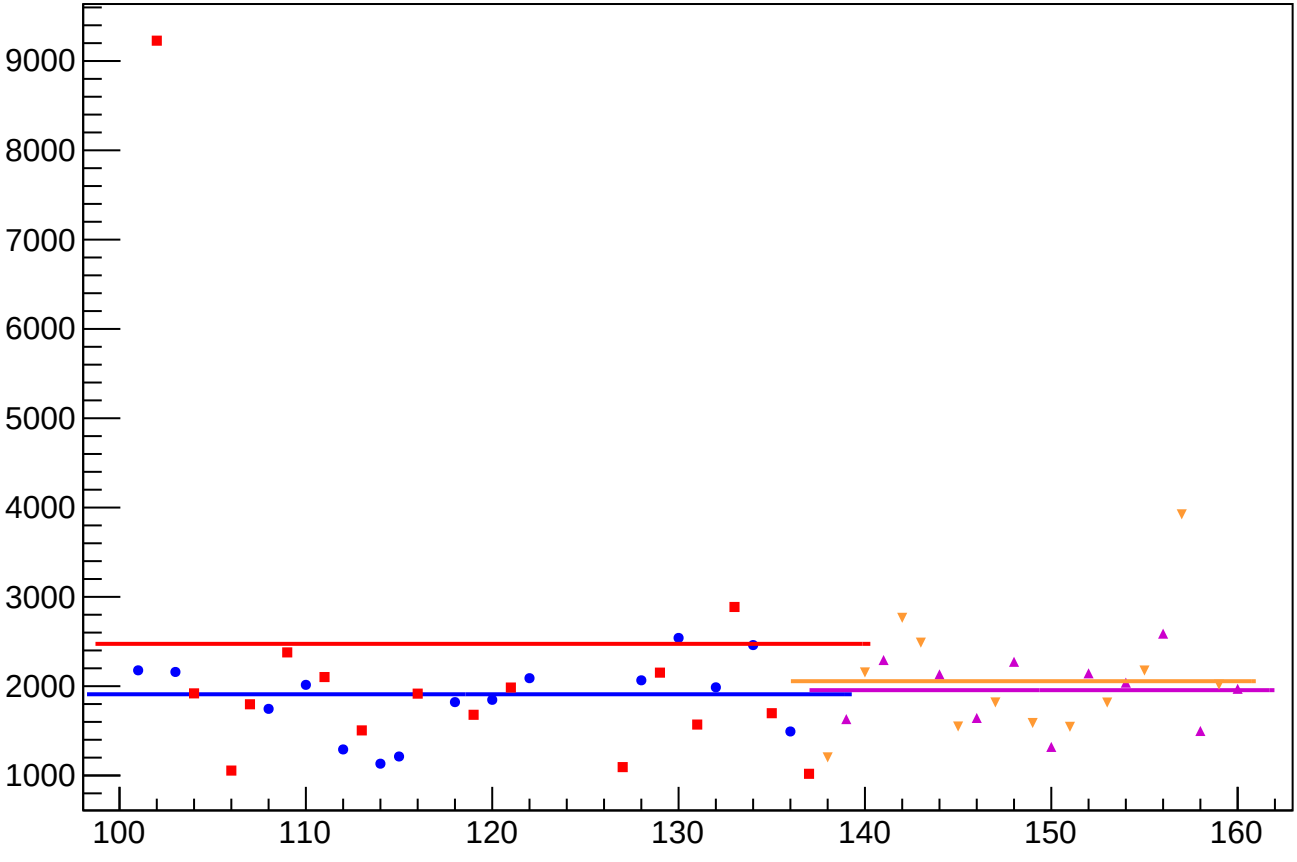
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr2_coil4_mean vs Slug



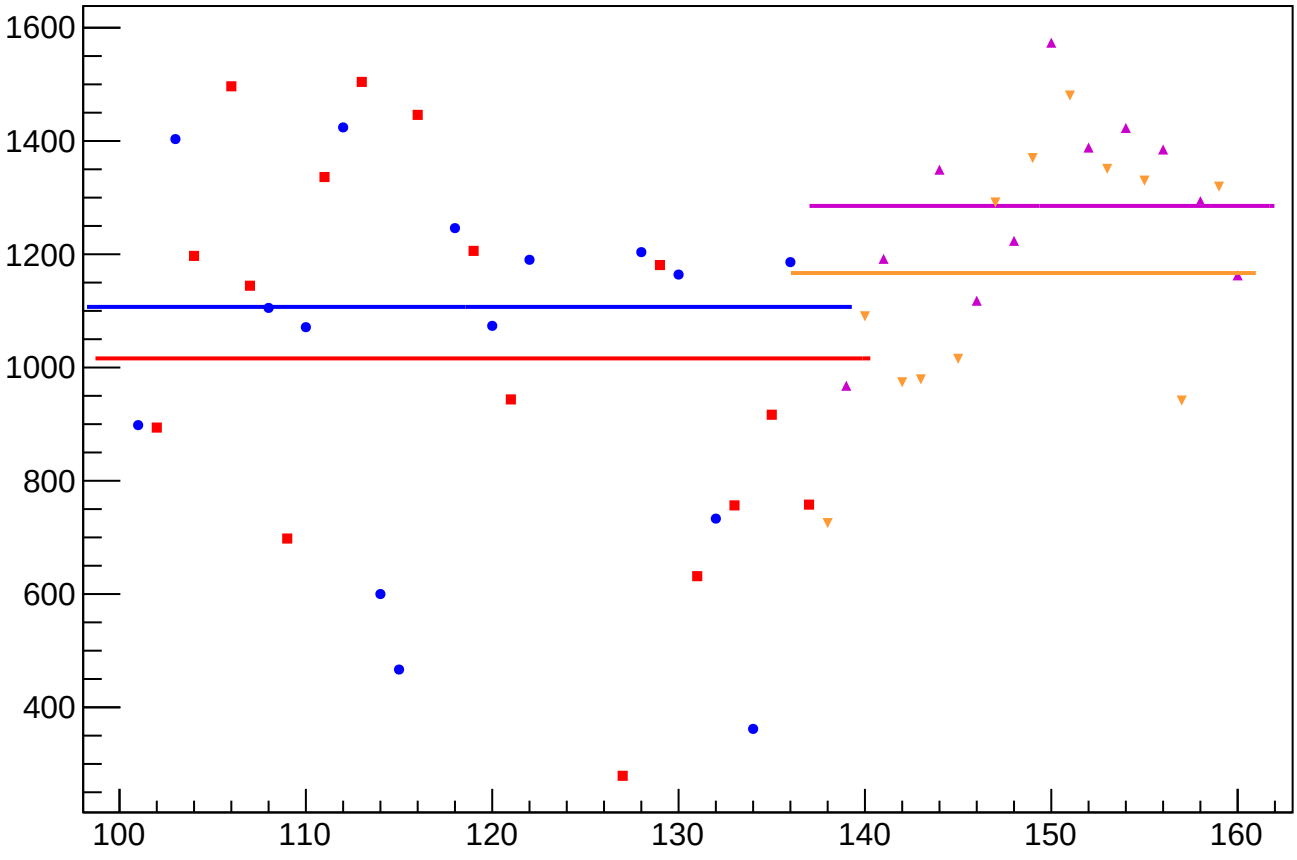
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
+ sign 28060.820+/-0.000 χ^2/NDF: 4495105358177
Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11
All: 28163.219+/-0.000 χ^2/NDF: 986055664 7
Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
- sign 28263.816+/-0.000 χ^2/NDF: 5362202344062
Left In: 27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1995.018+/-0.000 χ^2/NDF: 5337762569447 3
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
All: 2084.675+/-0.000 χ^2/NDF: 3823708197 3
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2172.754+/-0.000 χ^2/NDF: 32650251724153
Left In: 1955.312+/-0.000 χ^2/NDF:1269090523838381660352940821773476167 68.0/10

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

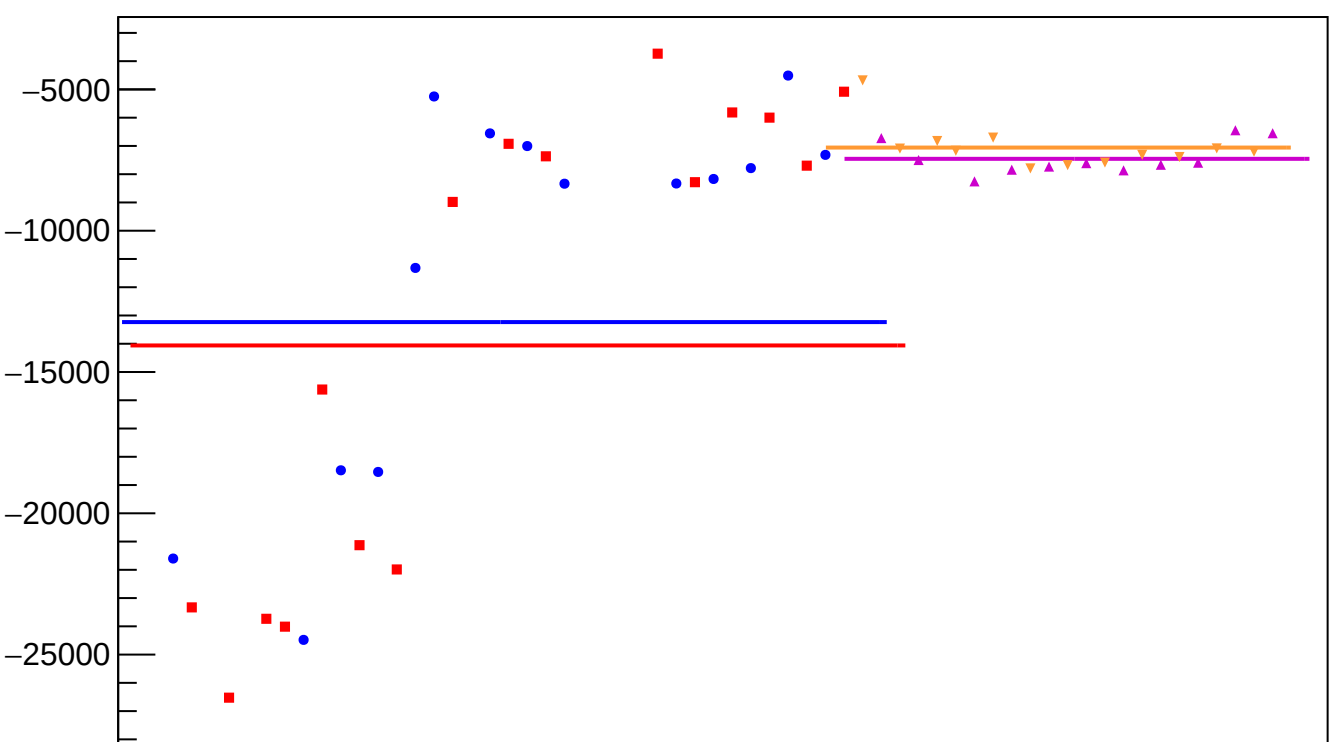
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

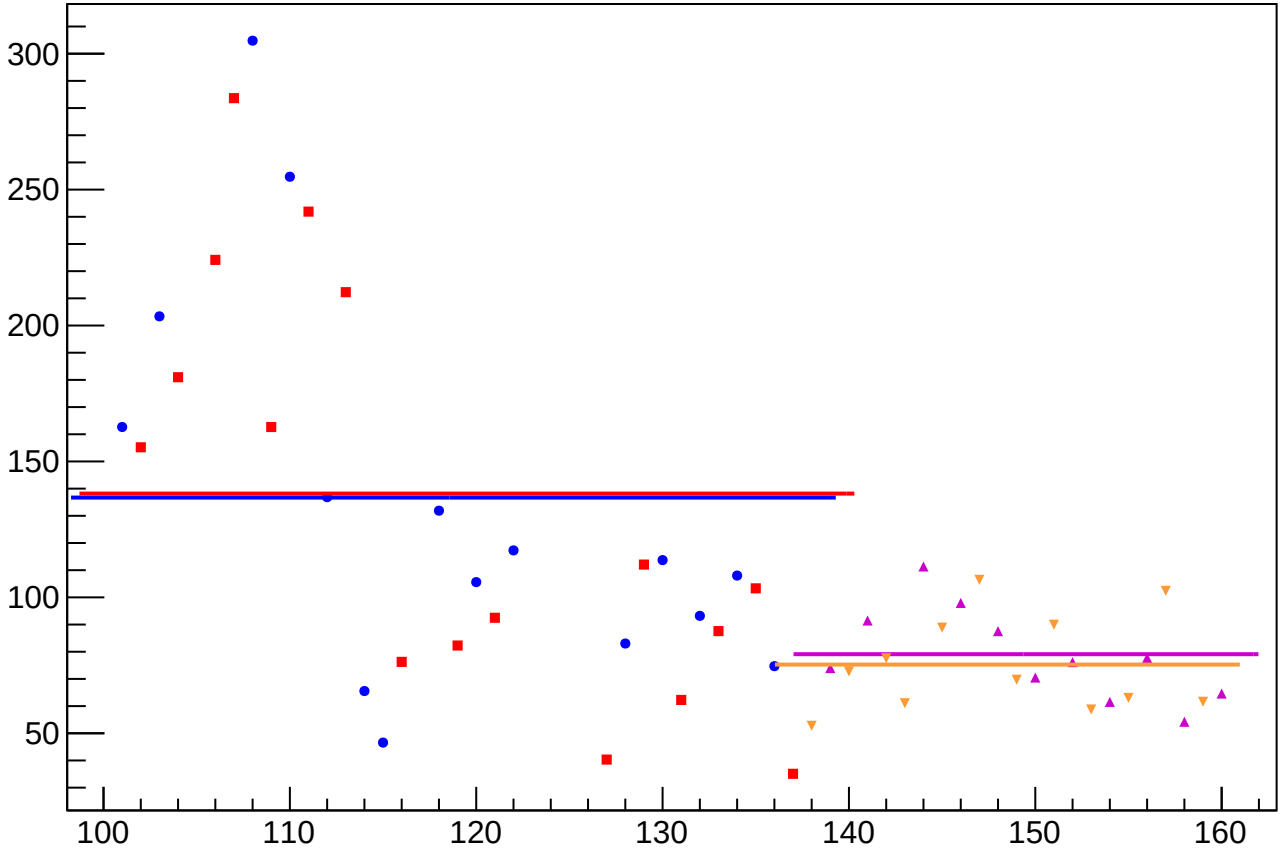
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -9621.893+/-0.000 χ^2/NDF: 5629932940229
Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11
All: -9925.988+/-0.000 χ^2/NDF: 1182552632
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -10224.731+/-0.000 χ^2/NDF: 6166940420799
Left In: -7456.124+/-0.000 χ^2/NDF:2845543245897785588421294473169233510 40.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 100.788+/-0.000 χ^2/NDF: 439084065337808

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

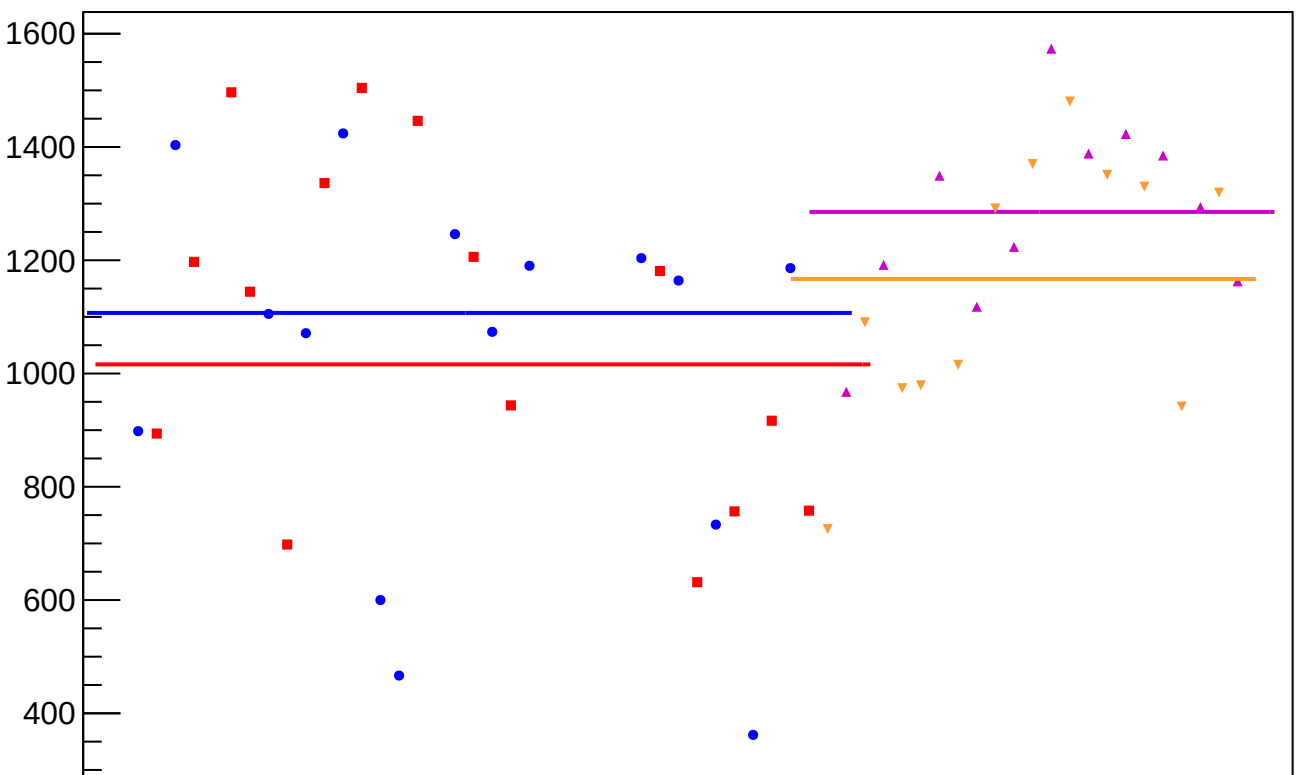
All: 102.340+/-0.000 χ^2/NDF: 92254045368 5

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 103.866+/-0.000 χ^2/NDF: 482709269231347

Left In: 79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

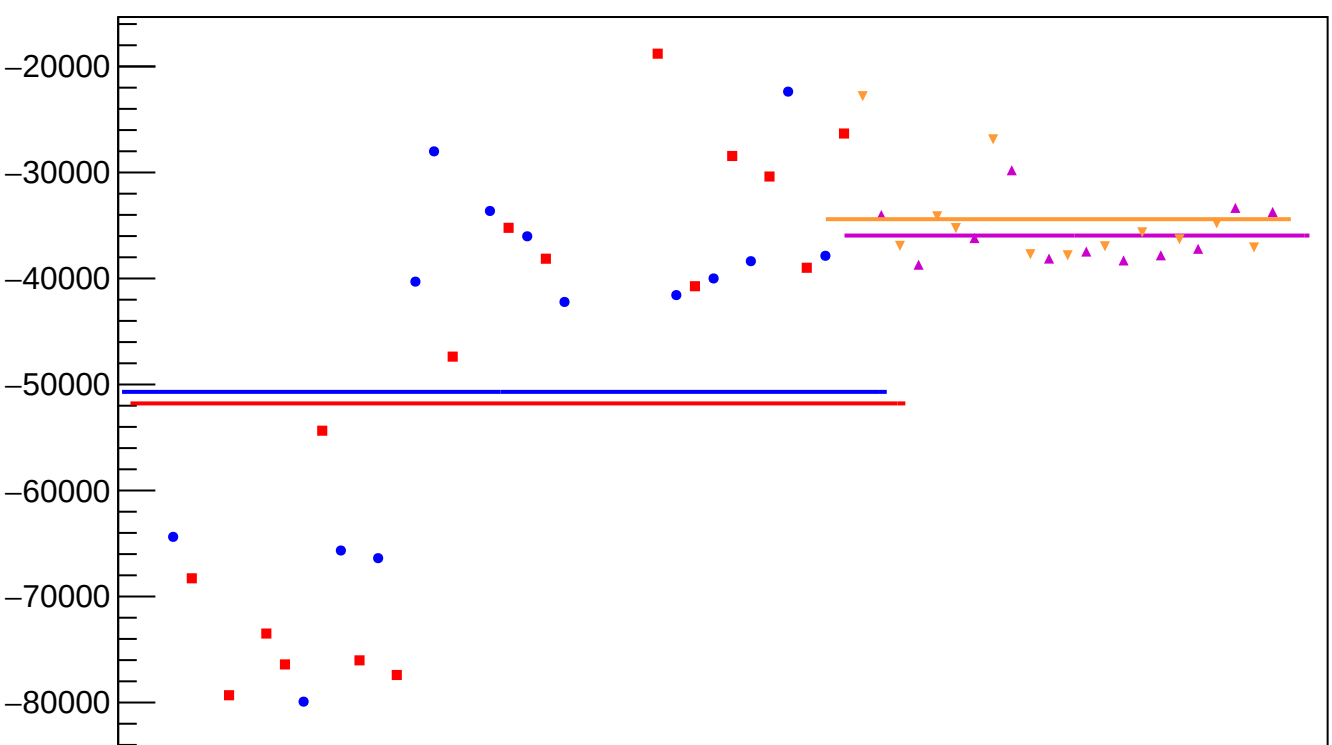
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

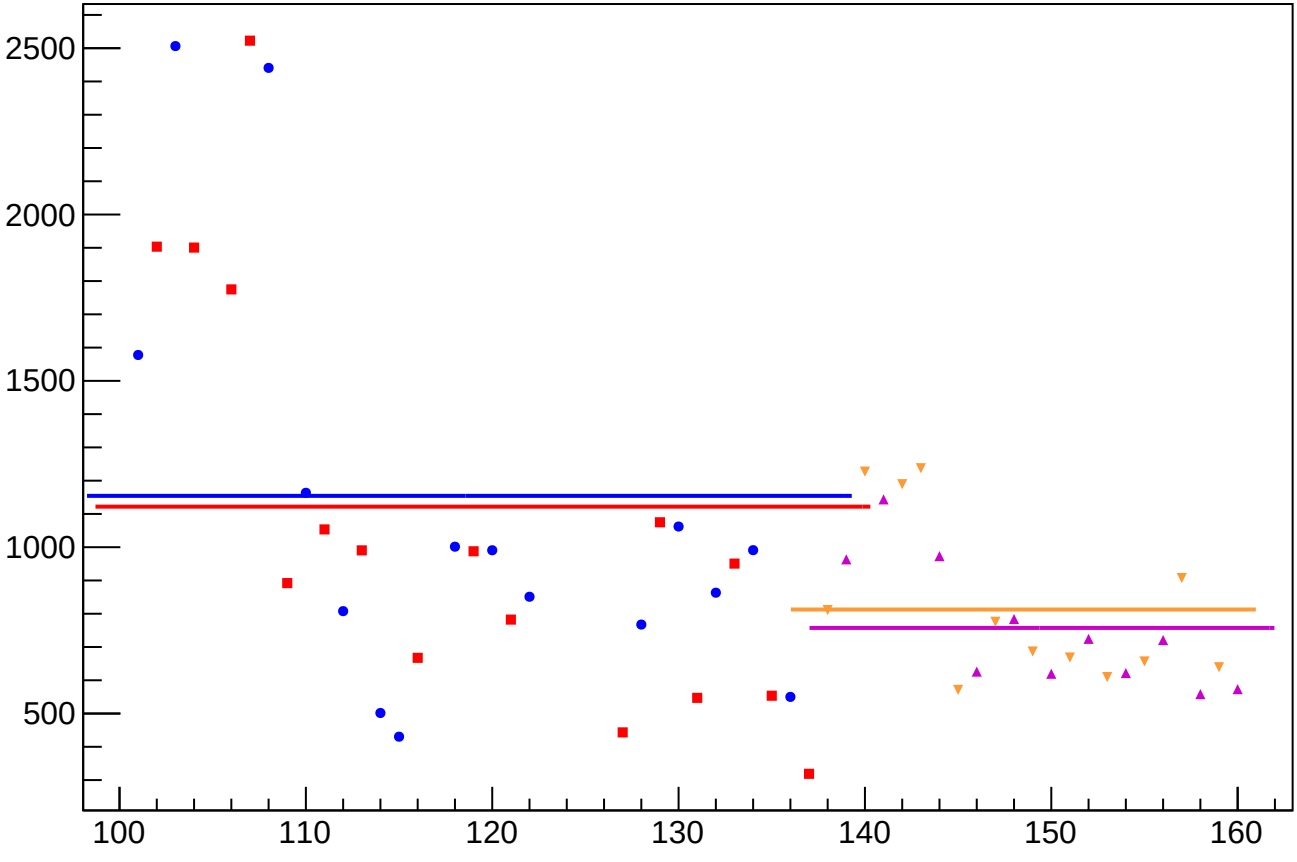
Left In: -35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

+ sign -41169.025+/-0.000 χ^2/NDF: 346153436808

All: -41884.763+/-0.000 χ^2/NDF: 733189271

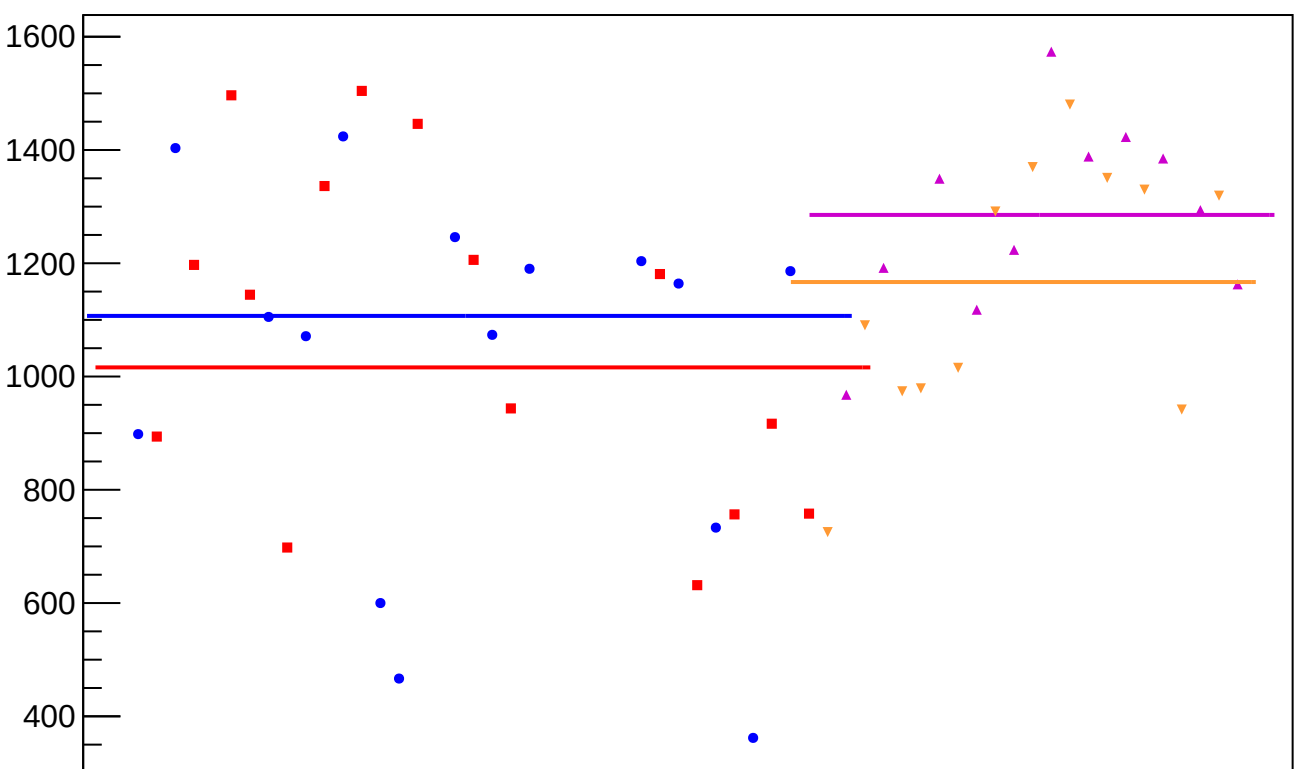
- sign -42587.904+/-0.000 χ^2/NDF: 3854485377902

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 954.594+/-0.000 χ^2/NDF: 342415954696427
Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11
All: 932.198+/-0.000 χ^2/NDF: 65265633909 9
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 910.195+/-0.000 χ^2/NDF: 308686161162215
Left In: 757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

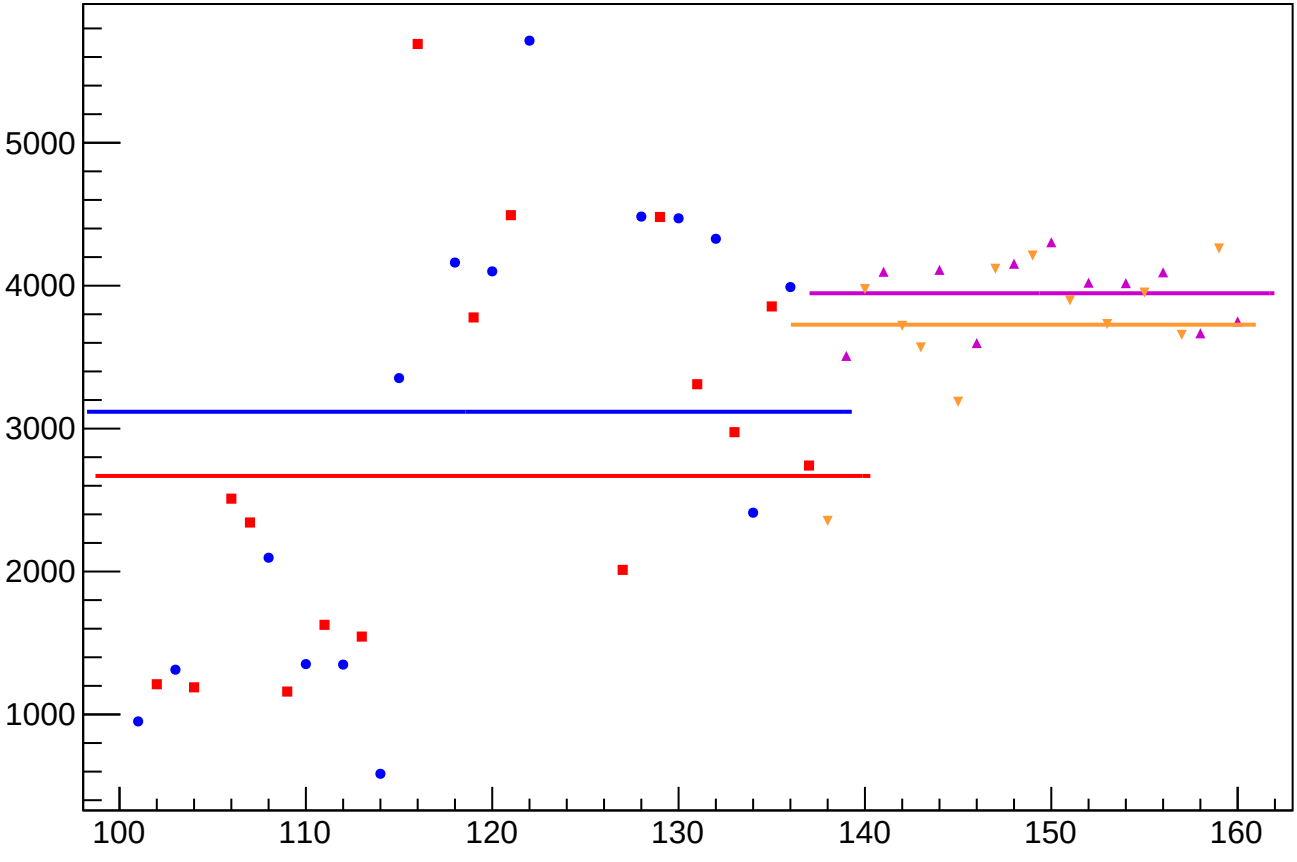
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

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:2374776785615428602928258343291857 14176.0/11

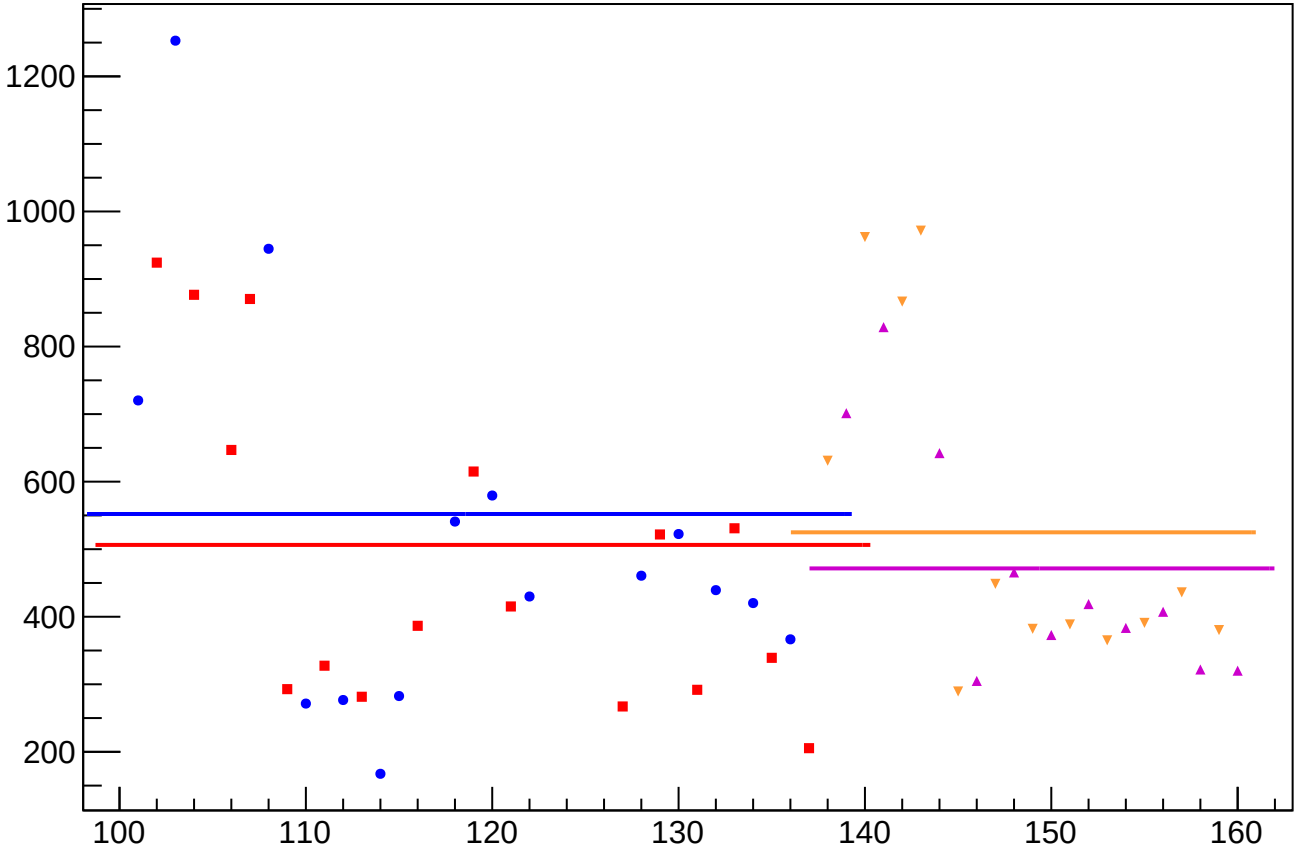
All: 3442.374+/-0.000 χ^2/NDF: 3760490456 8

Right Out: 2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711 4624.0/15

- sign 3411.160+/-0.000 χ^2/NDF: 18263065086829

Left In: 3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

+ sign 536.247+/-0.000 χ^2/NDF: 1001388645734 36

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

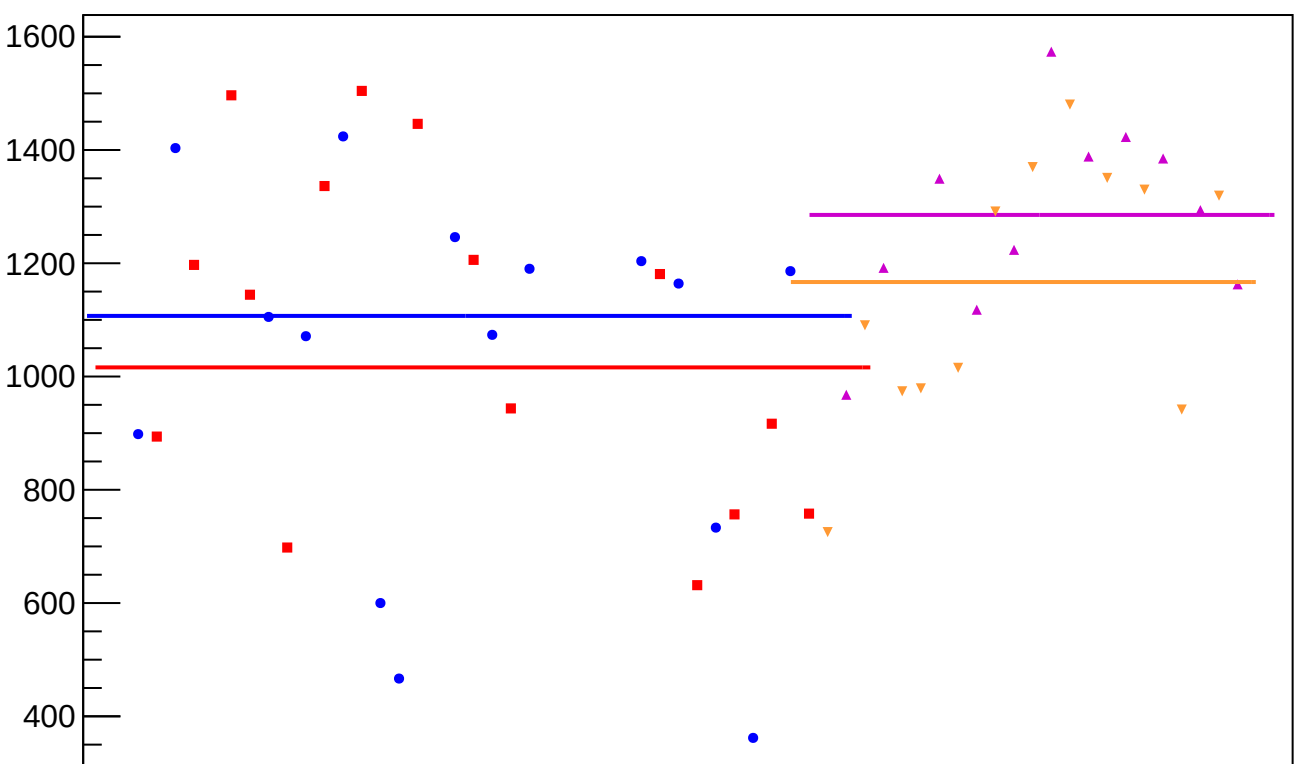
All: 510.967+/-0.000 χ^2/NDF: 16545089304 3

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:2568088447782771591494420536636316057 6.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

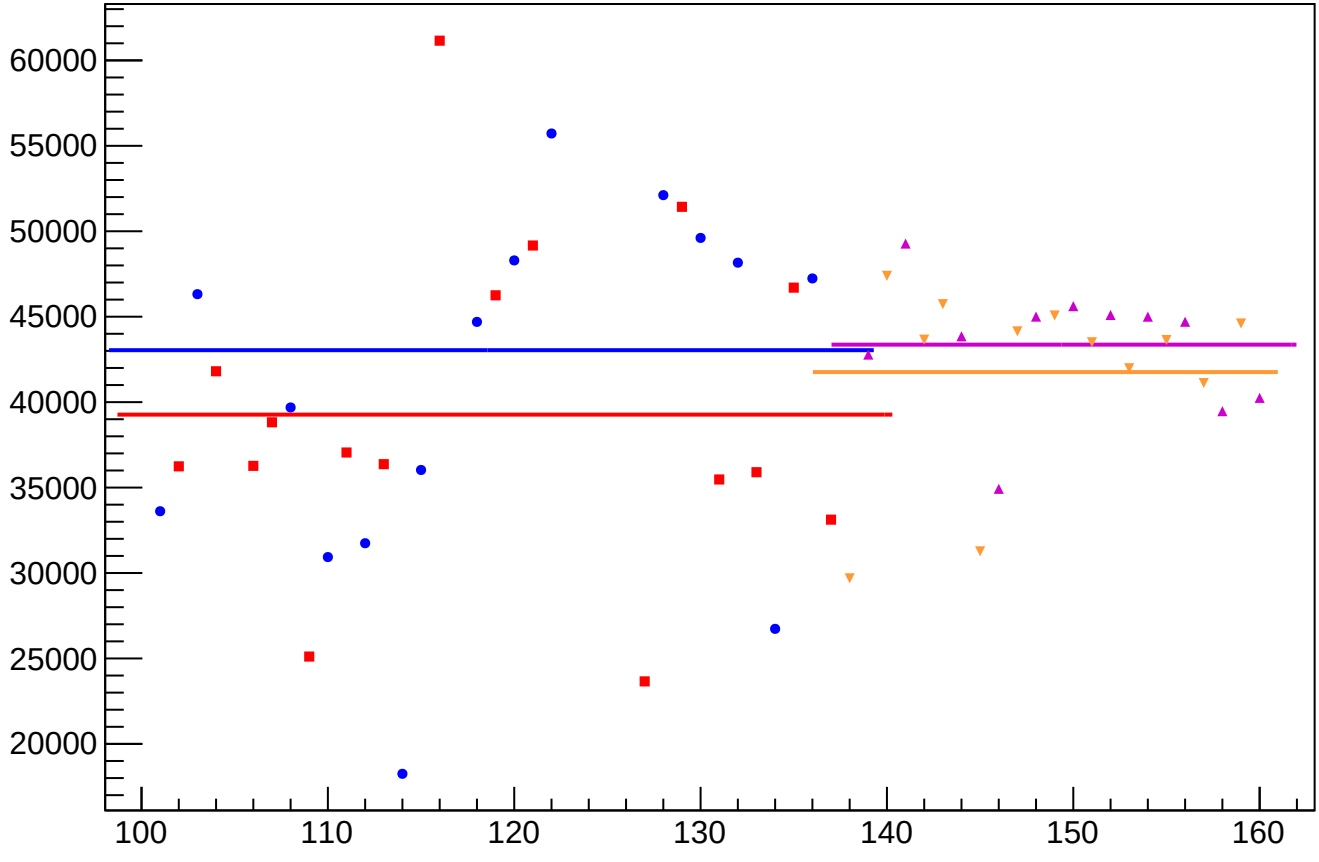
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

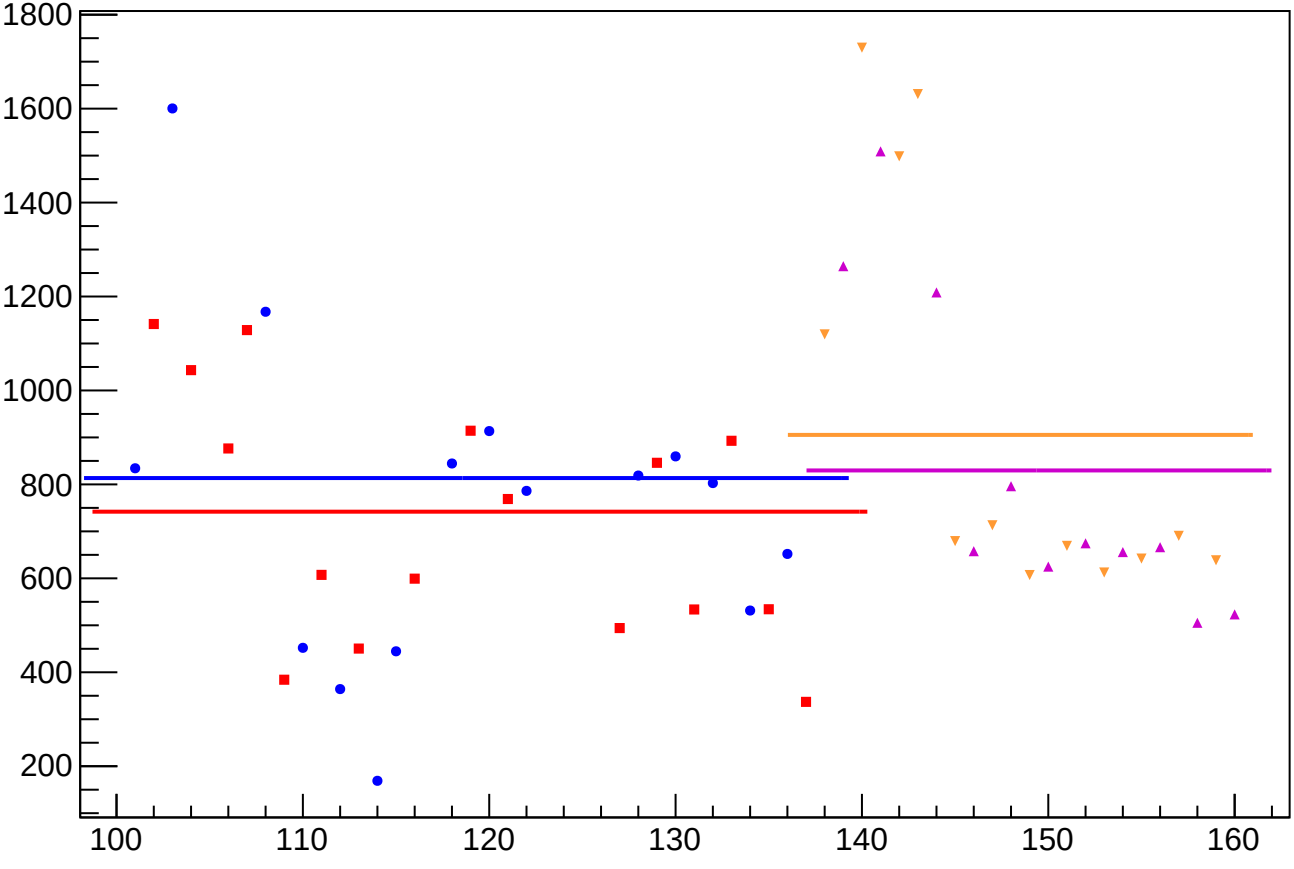
Left In: 43364.892+/-0.000 χ^2/NDF:1220969572368159224100018841495480251187 2.0/10

+ sign 42291.015+/-0.000 χ^2/NDF: 753580564952 9

All: 41966.664+/-0.000 χ^2/NDF: 146263445 5

- sign 41648.021+/-0.000 χ^2/NDF: 705794160217 9

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

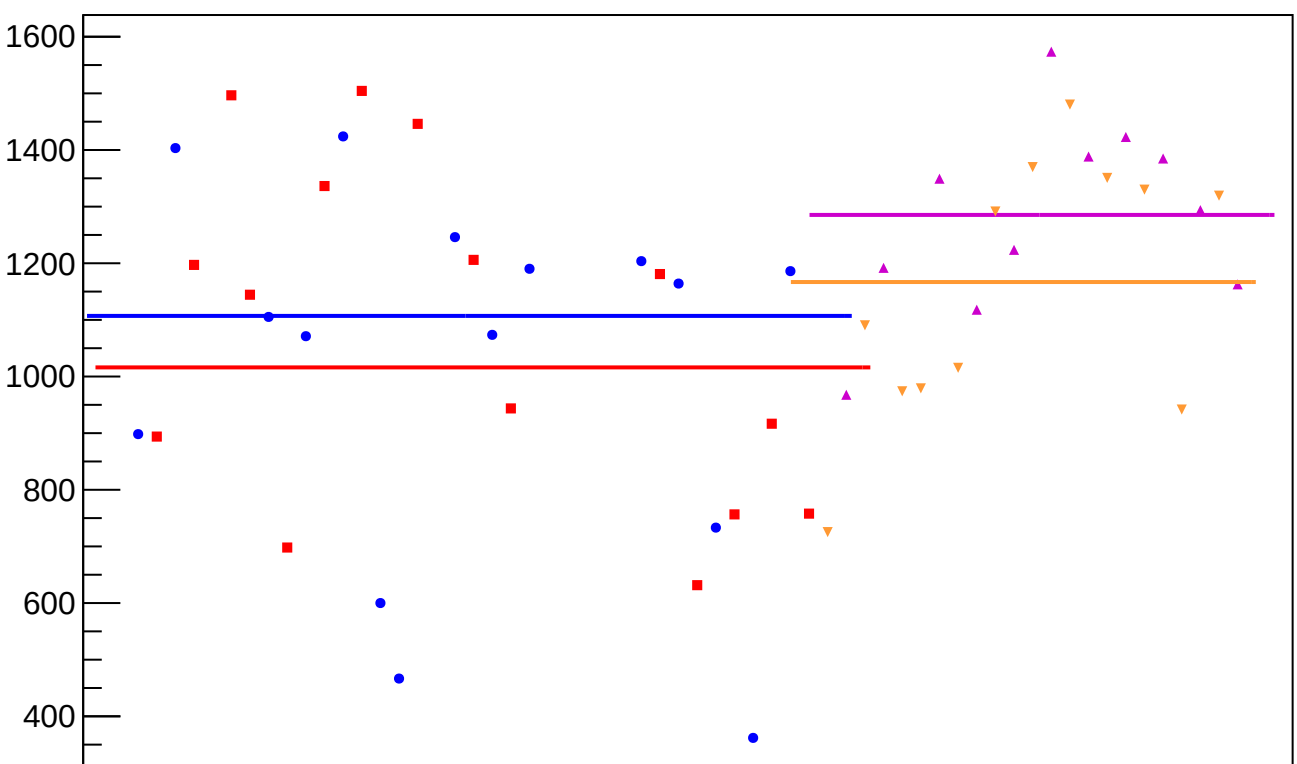
Left In: 829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

+ sign 867.231+/-0.000 χ^2/NDF: 2219250858241 92

All: 829.738+/-0.000 χ^2/NDF: 3694191334 03

- sign 792.905+/-0.000 χ^2/NDF: 1431384508352 51

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

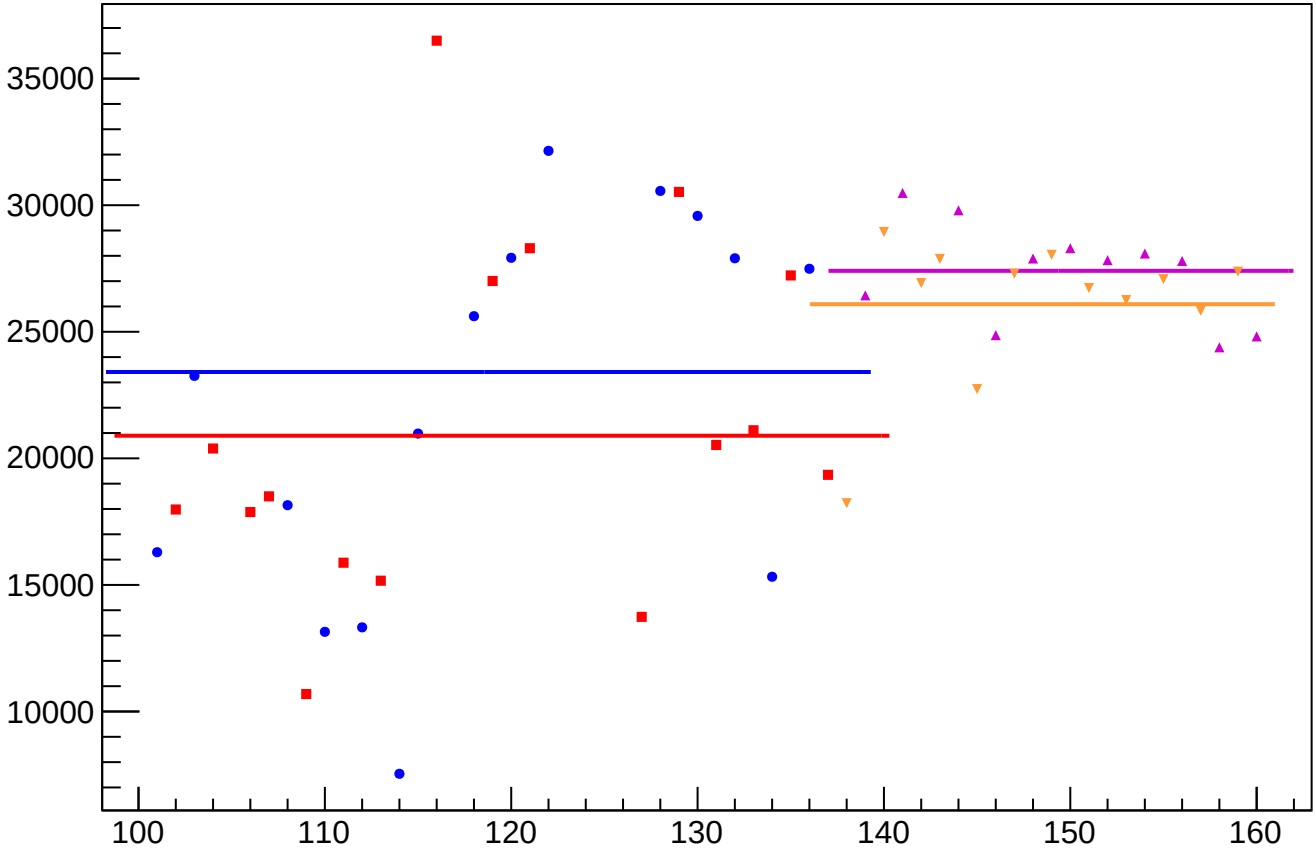
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 26089.435+/-0.000 χ^2/NDF:7297474697325231234633060364075485102080.0/11

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

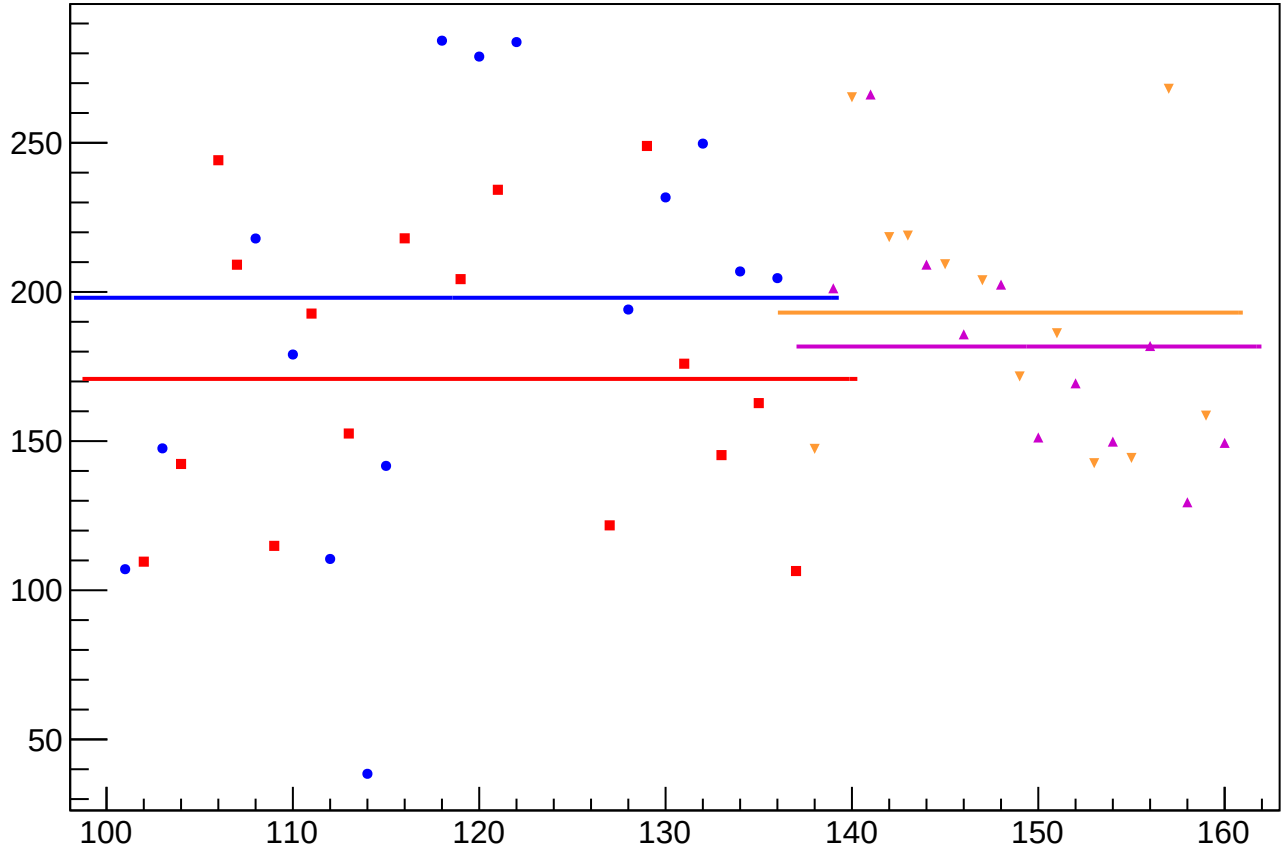
Left In: 27407.255+/-0.000 χ^2/NDF:3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF: 384465667924

All: 24825.775+/-0.000 χ^2/NDF: 856821548 9

- 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

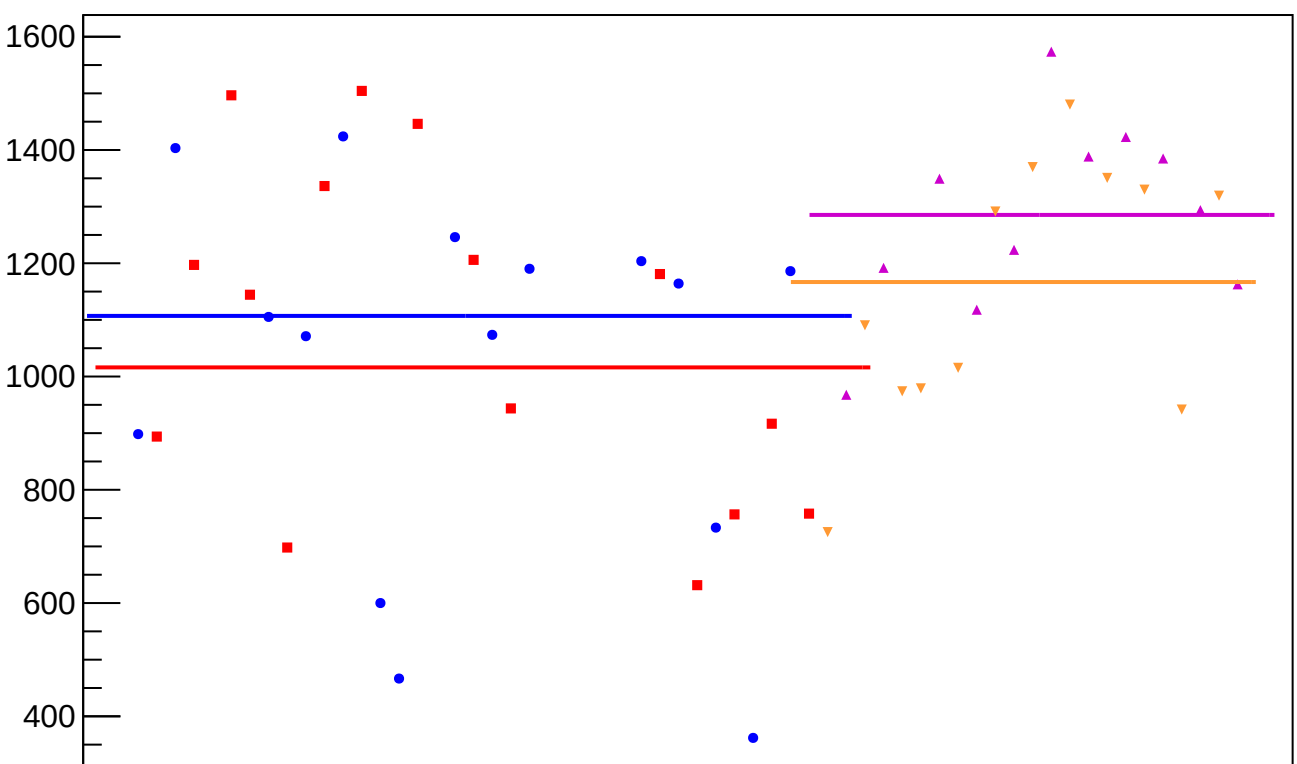
Left In: 181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

+ sign 195.148+/-0.000 χ^2/NDF: 417506015542371

All: 186.074+/-0.000 χ^2/NDF: 71227710861

- sign 177.159+/-0.000 χ^2/NDF: 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

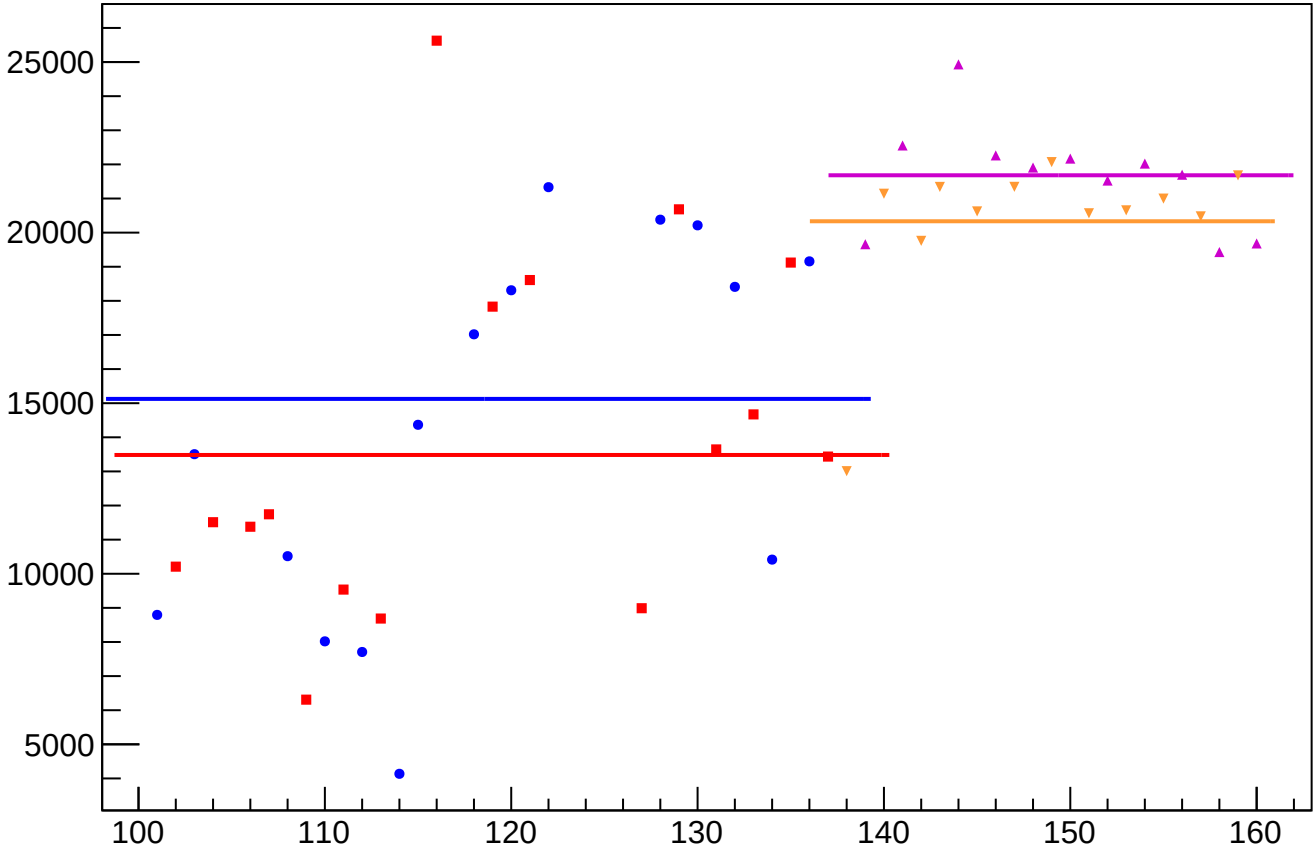
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

+ sign 18170.879+/-0.000 χ^2/NDF: 3176208714015

Left Out: 20333.061+/-0.000 χ^2/NDF:485594922577694276322685394036905423667 2.0/11

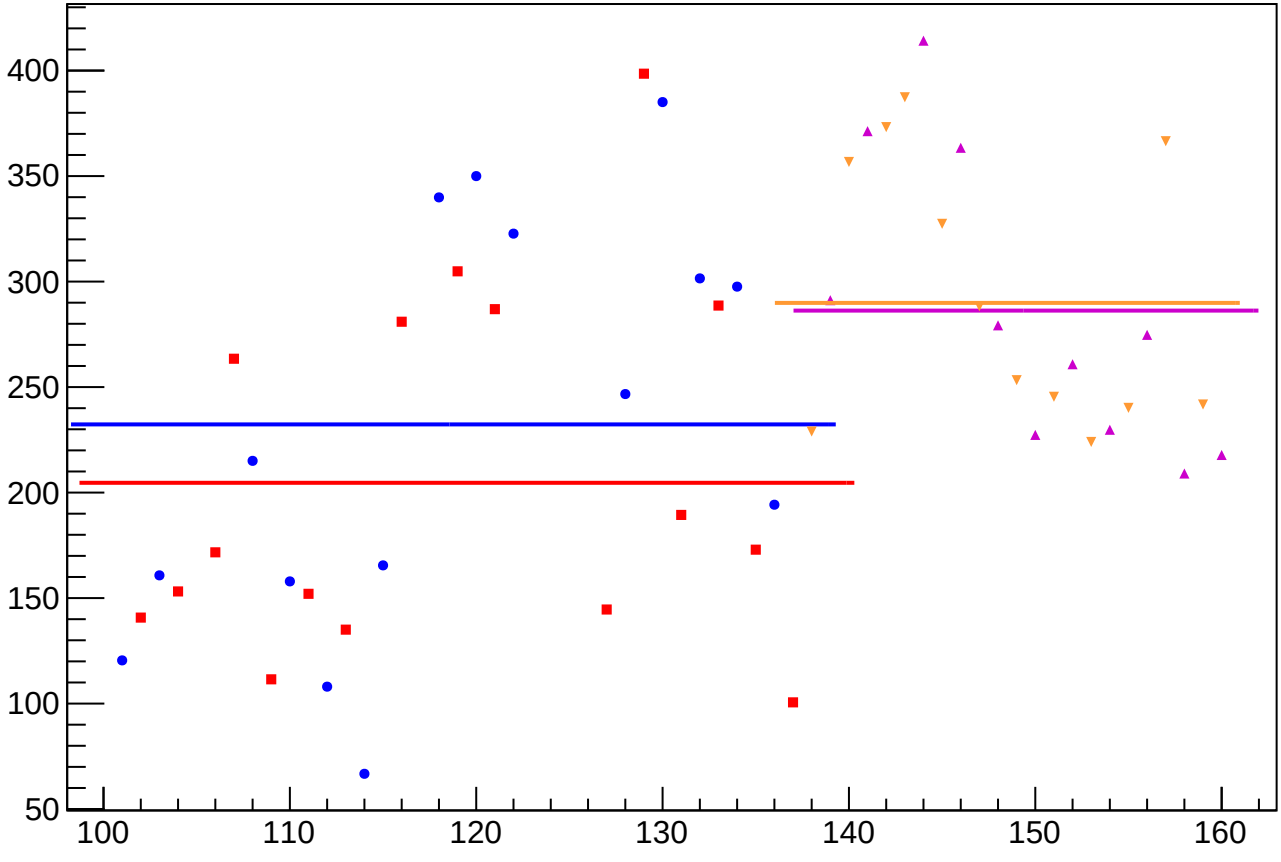
All: 18207.738+/-0.000 χ^2/NDF: 7582607940

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

- sign 18243.949+/-0.000 χ^2/NDF: 4405978256455

Left In: 21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

+ sign 265.986+/-0.000 χ^2/NDF: 993907240808893

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

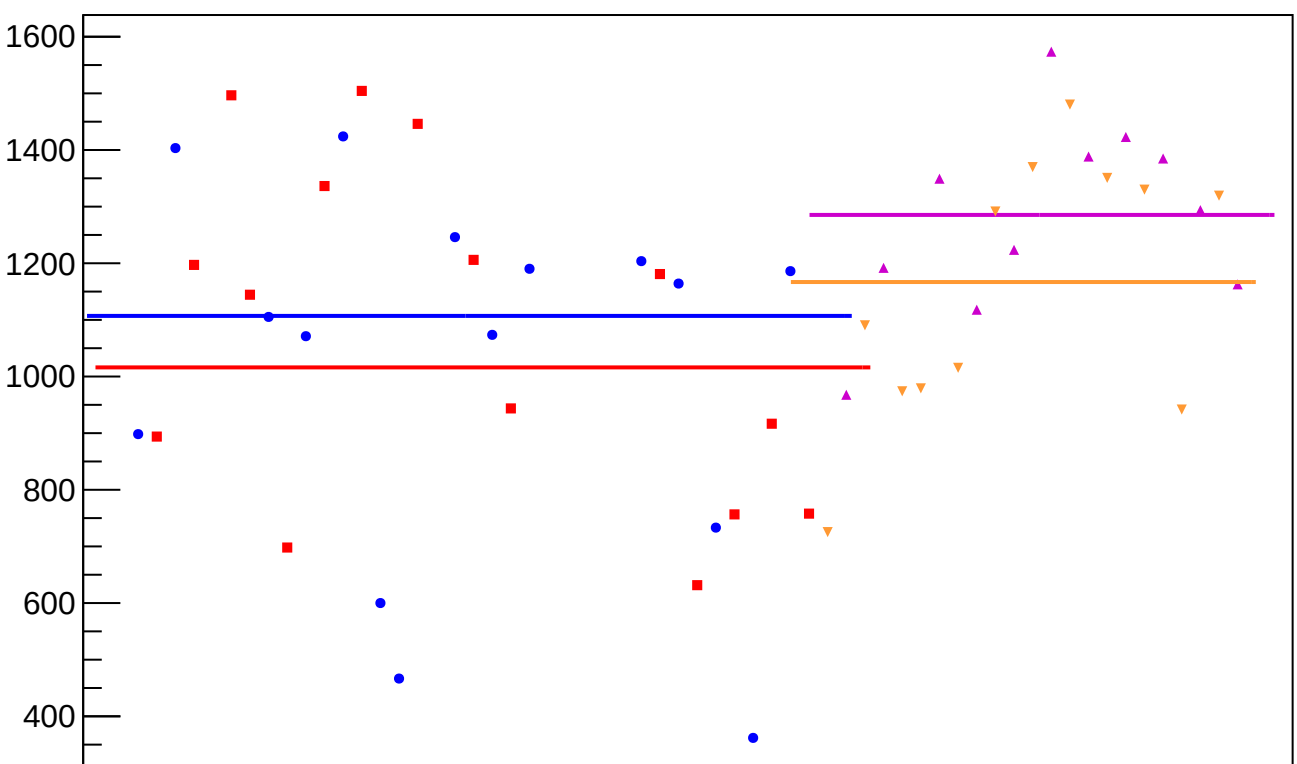
All: 258.948+/-0.000 χ^2/NDF: 212946744199

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

- sign 252.033+/-0.000 χ^2/NDF: 112020972383493

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: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

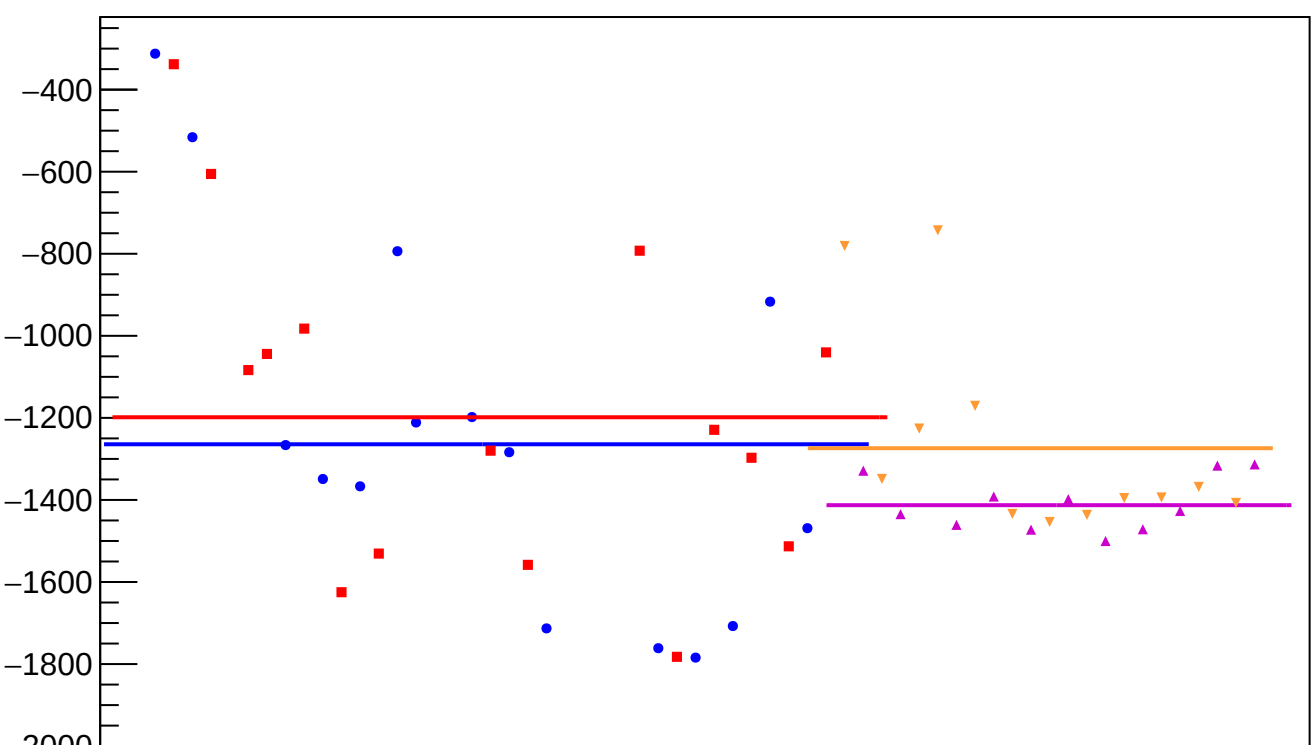
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

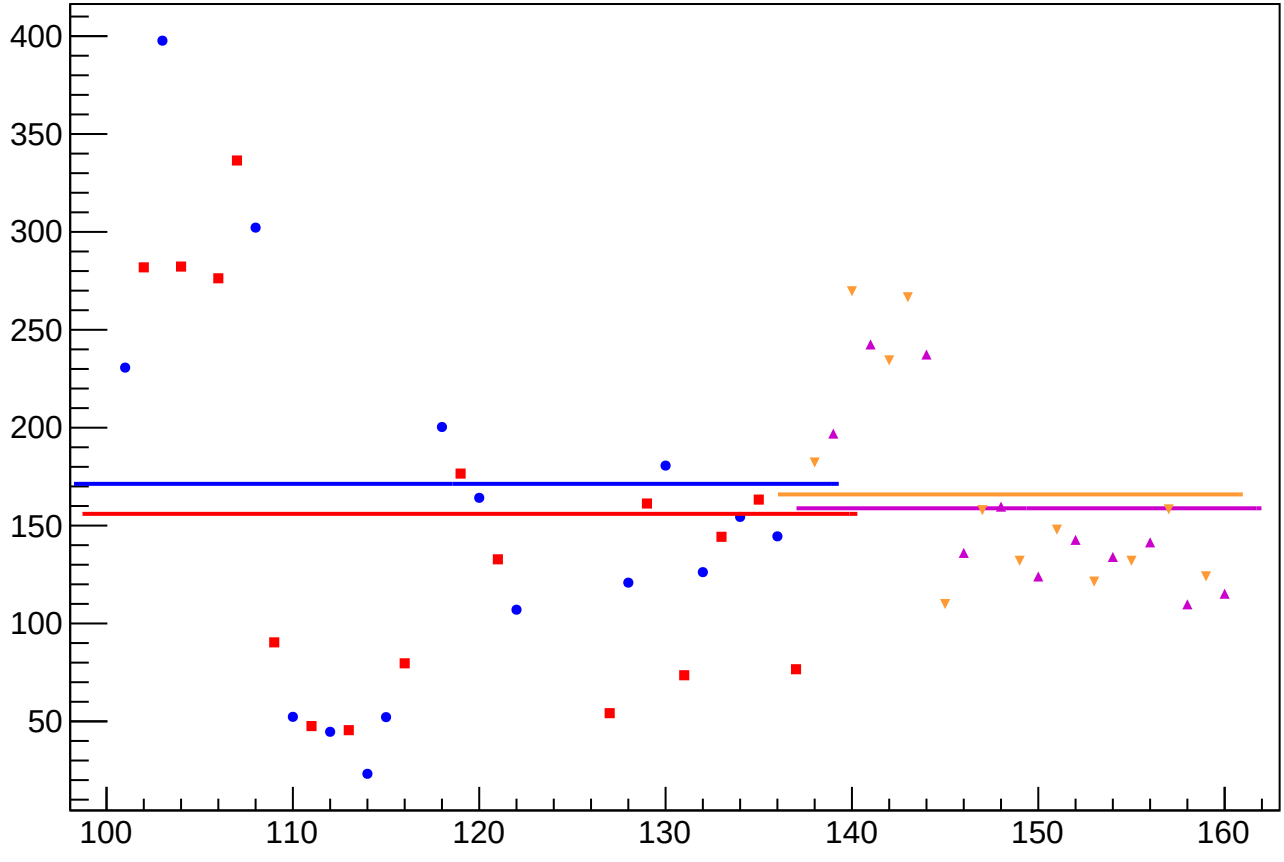
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1269.922+/-0.000 χ^2/NDF: 1907675135798
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
All: -1296.664+/-0.000 χ^2/NDF: 3455789240
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1322.935+/-0.000 χ^2/NDF: 1525955901709
Left In: -1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11

Right Out: 155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

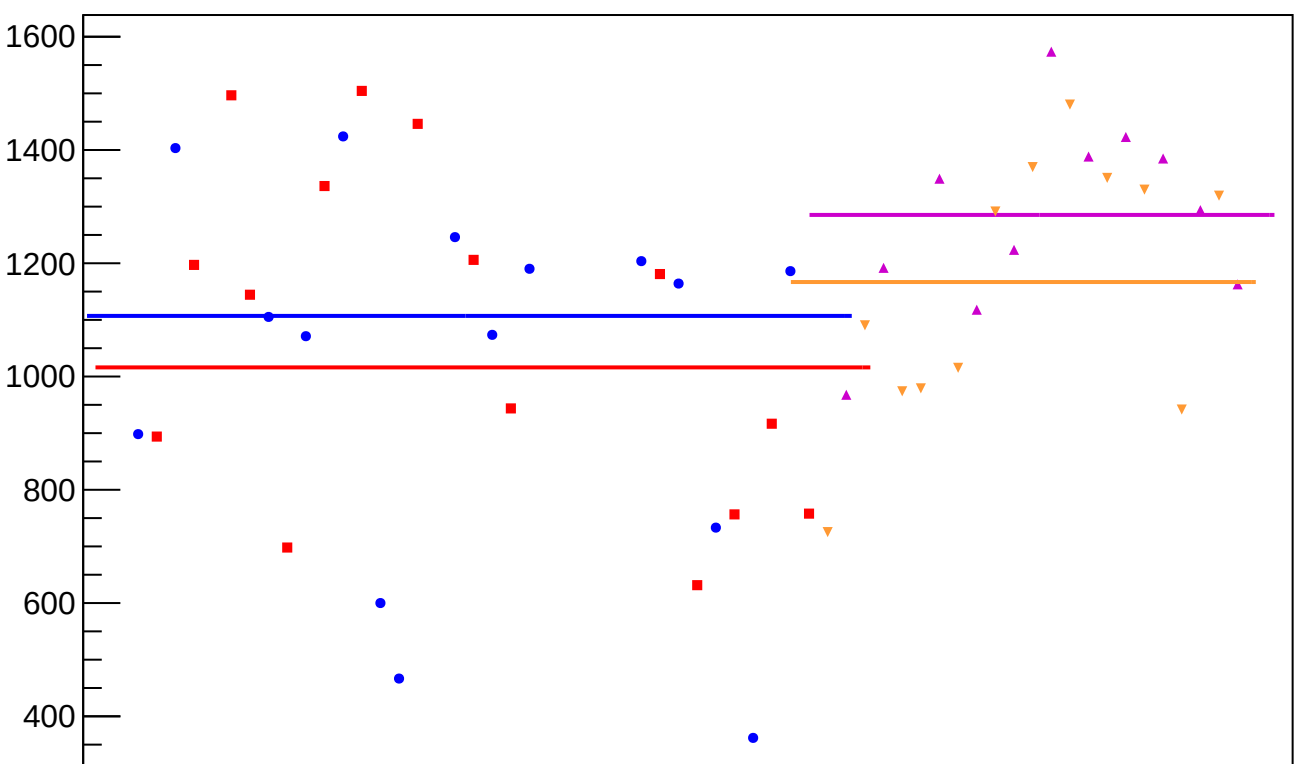
Left In: 158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

+ sign 168.162+/-0.000 χ^2/NDF: 870698624432880

All: 162.856+/-0.000 χ^2/NDF: 16331319503

- sign 157.643+/-0.000 χ^2/NDF: 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

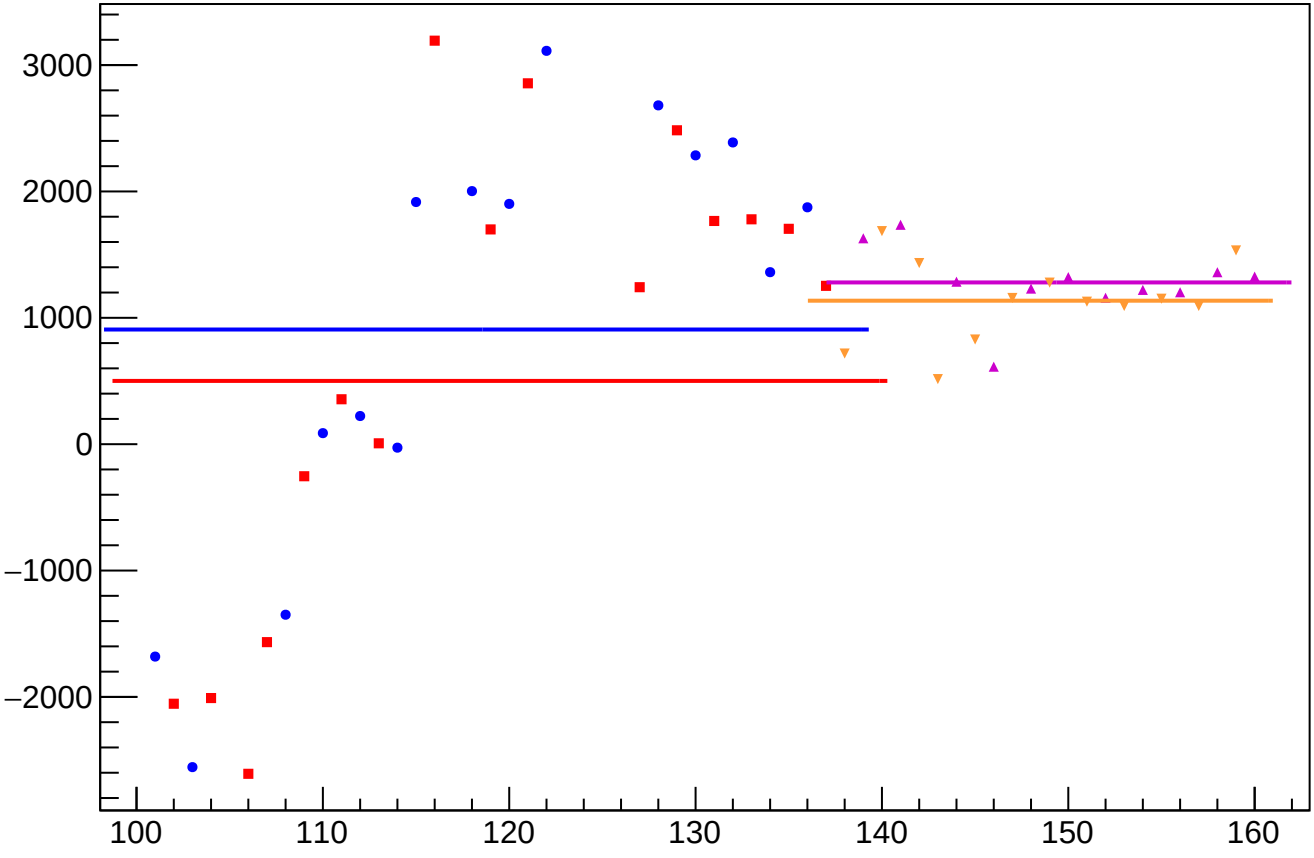
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

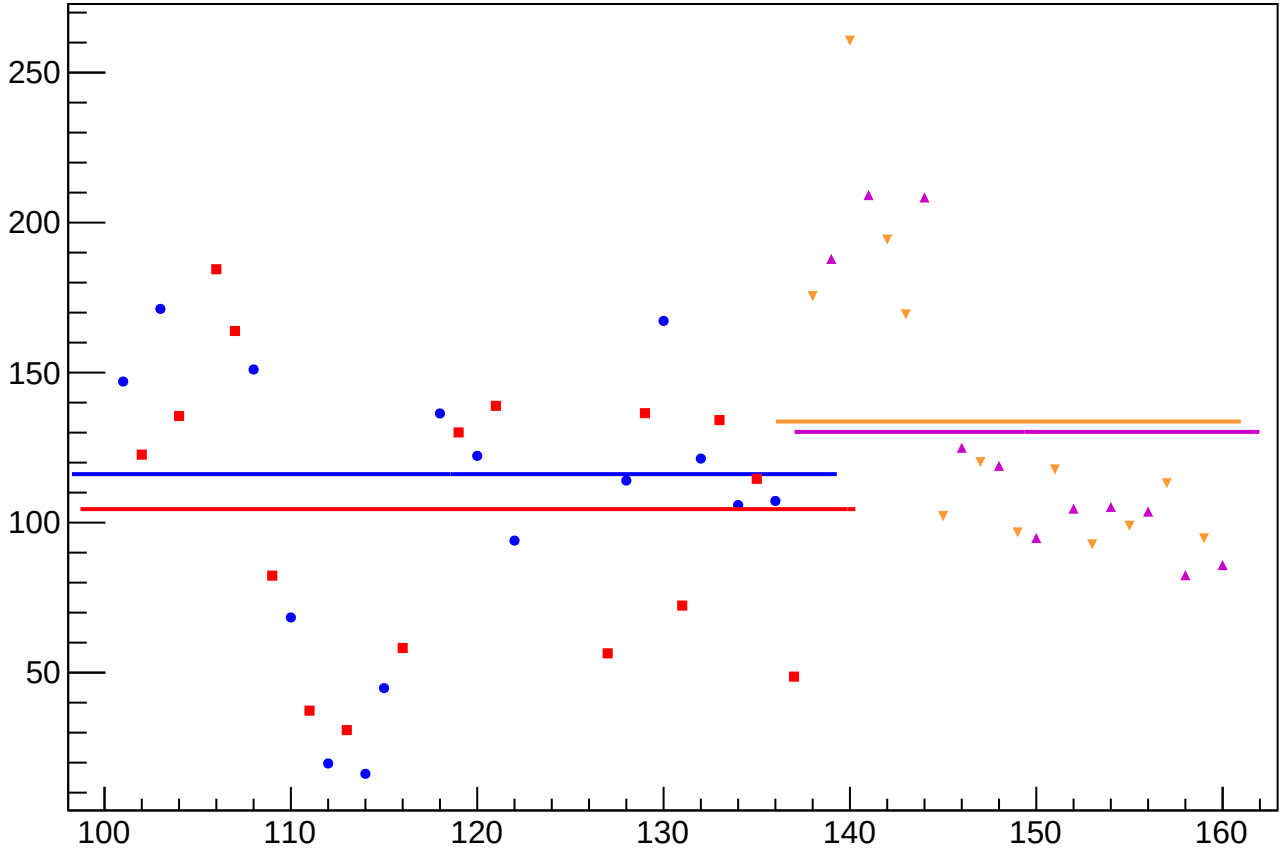
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14
+ sign 1040.809+/-0.000 χ^2/NDF: 2217433289487
Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11
All: 996.658+/-0.000 χ^2/NDF: 46005561681
Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15
- sign 953.284+/-0.000 χ^2/NDF: 237708288217536
Left In: 1279.995+/-0.000 χ^2/NDF:675923047038840320285592394487824384 00.0/10

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

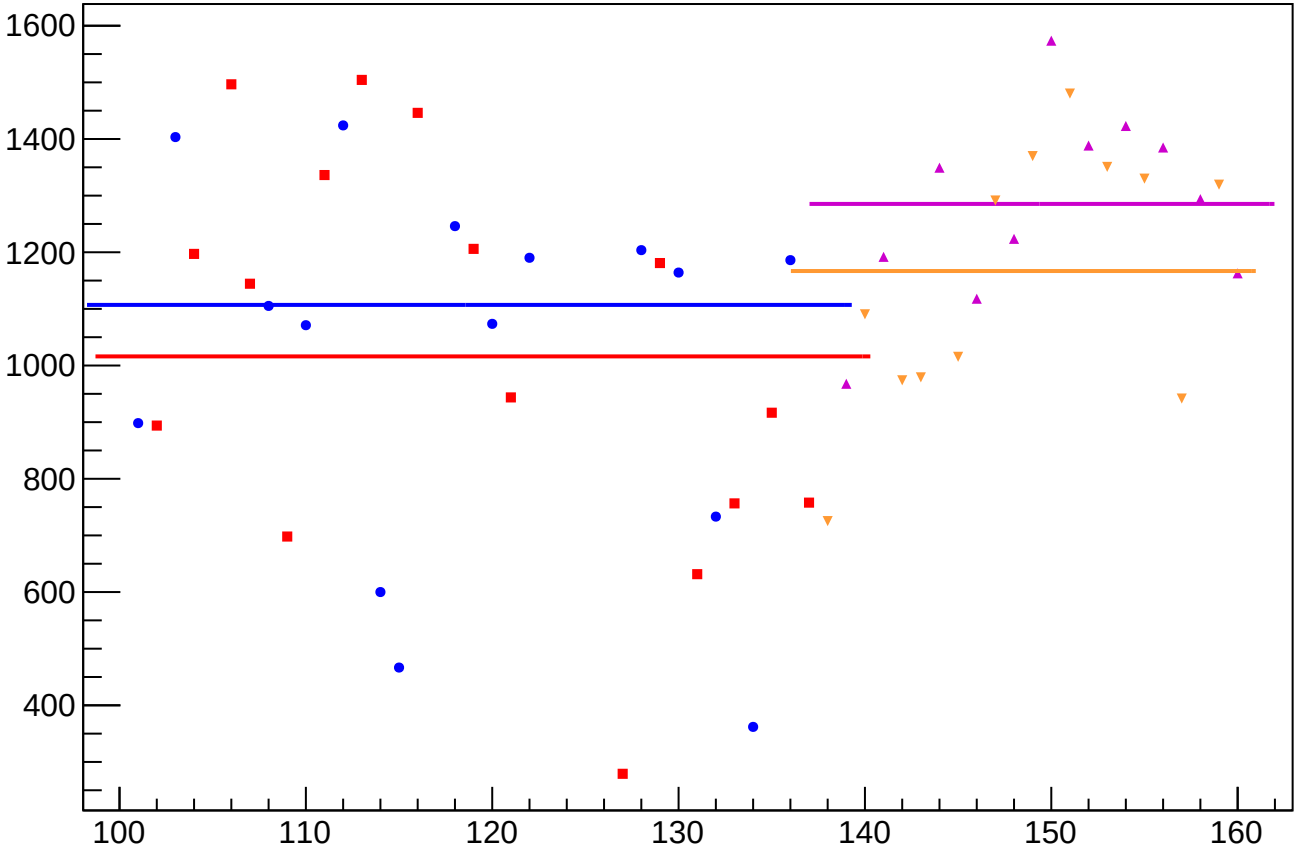
Left In: 130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

+ sign 126.414+/-0.000 χ^2/NDF: 364747445092715

All: 122.900+/-0.000 χ^2/NDF: 719711638238

- sign 119.447+/-0.000 χ^2/NDF: 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

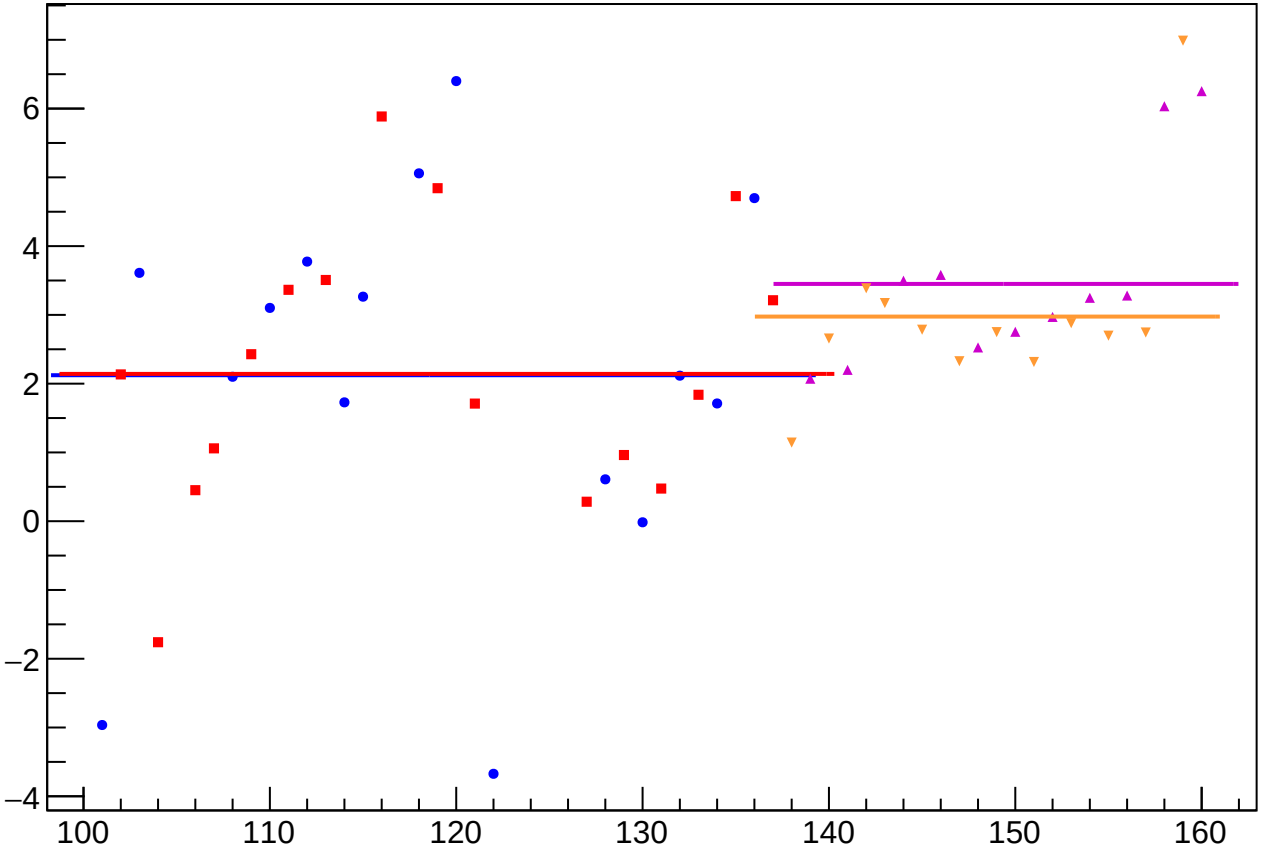
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11

Right Out: 2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

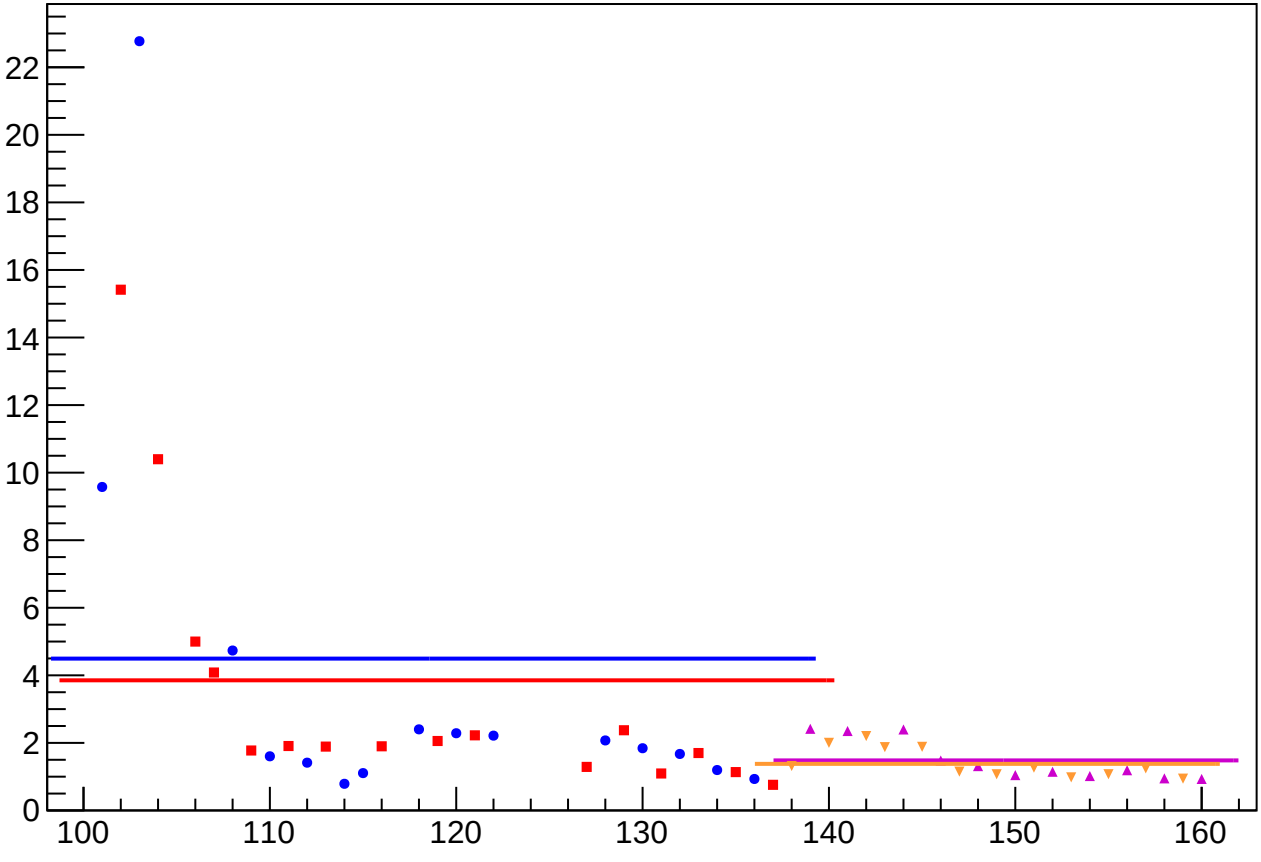
Left In: 3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF: 7192610969837378 0

All: 2.763+/-0.000 χ^2/NDF: 1194273758480 9

- sign 2.902+/-0.000 χ^2/NDF: 4688165314334650 8

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 2.673+/-0.000 χ^2/NDF: 2910543680814668 3

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

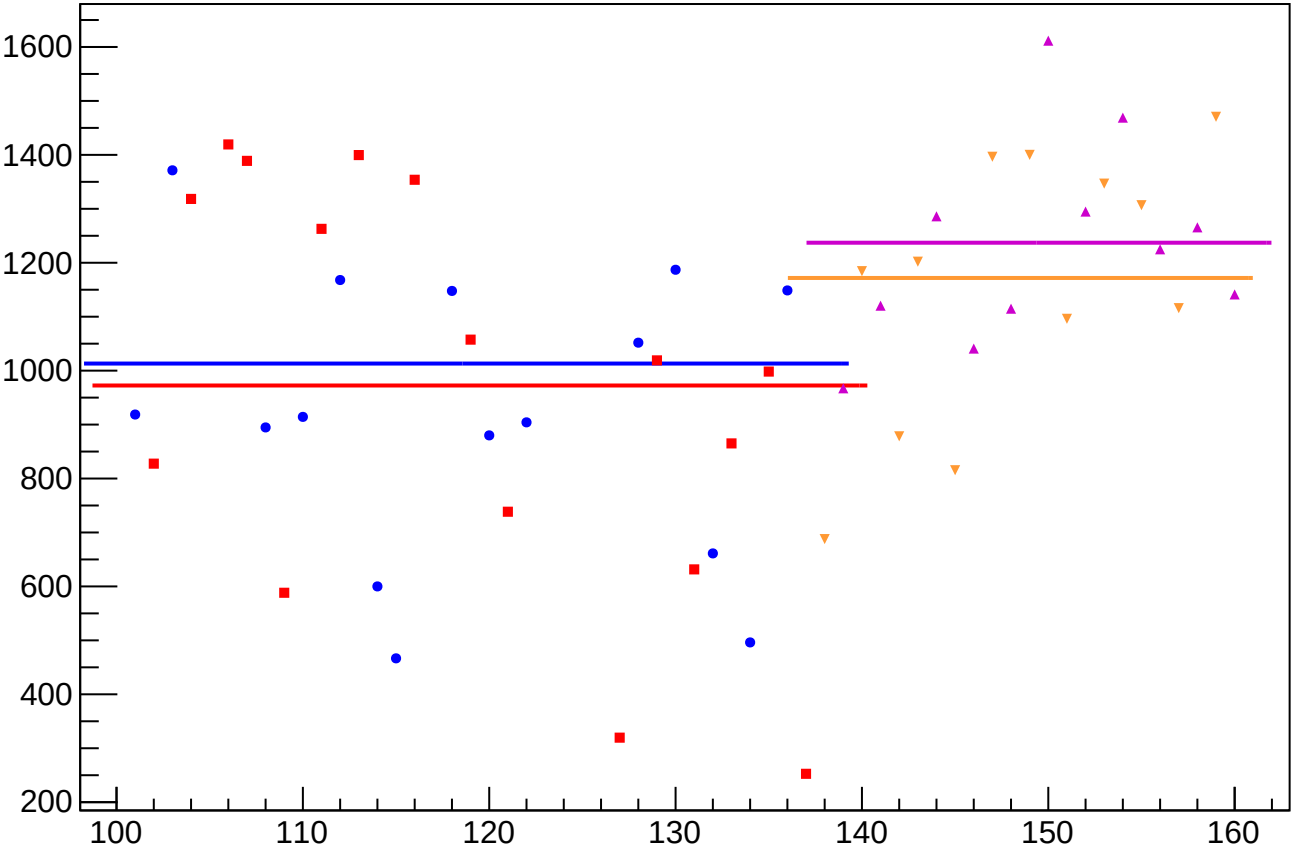
All: 2.573+/-0.000 χ^2/NDF: 4393857611244 7

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.476+/-0.000 χ^2/NDF: 1480240591264191 0

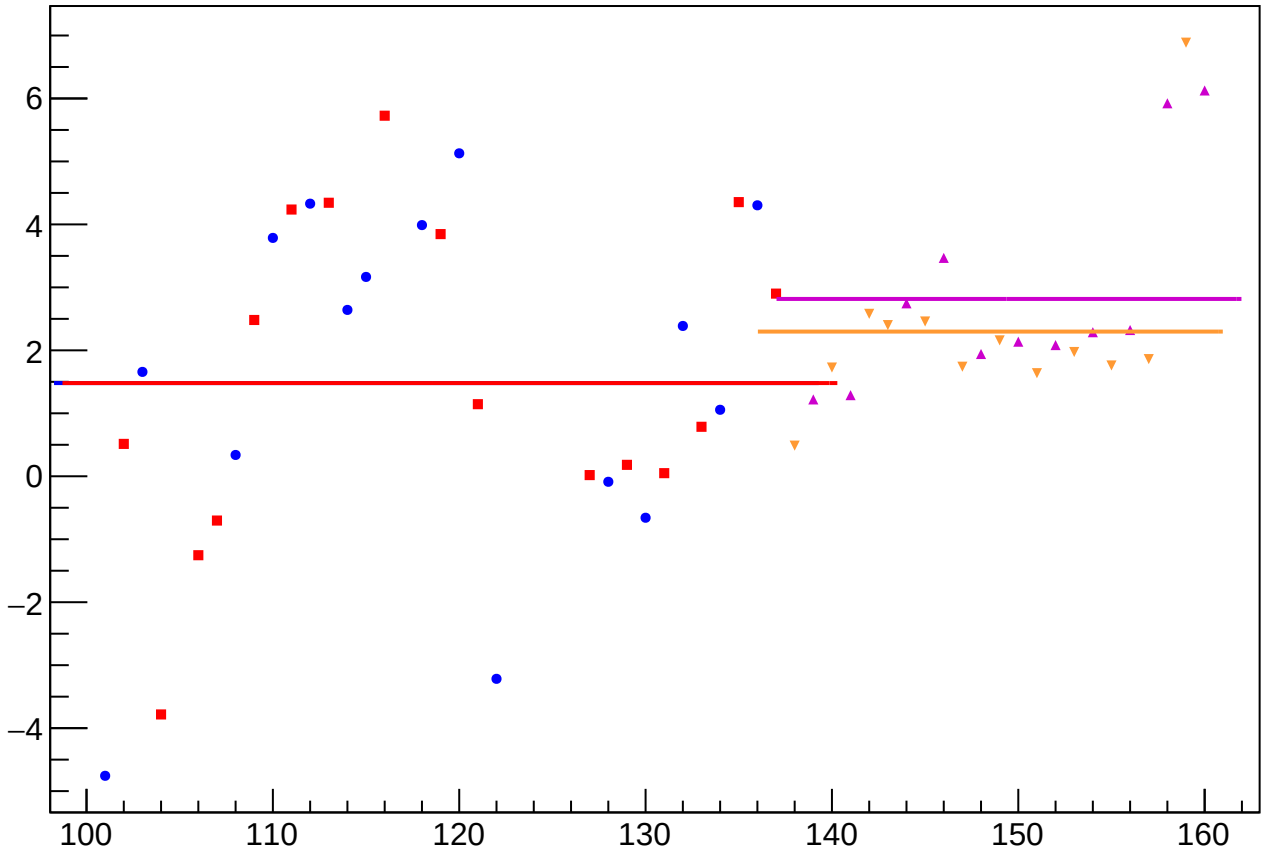
Left In: 1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 2.298+/-0.000 χ^2/NDF:2079870991739780462593334803693568.0/11

Right Out: 1.480+/-0.000 χ^2/NDF: 4092645800613765572662987820367872.0/15

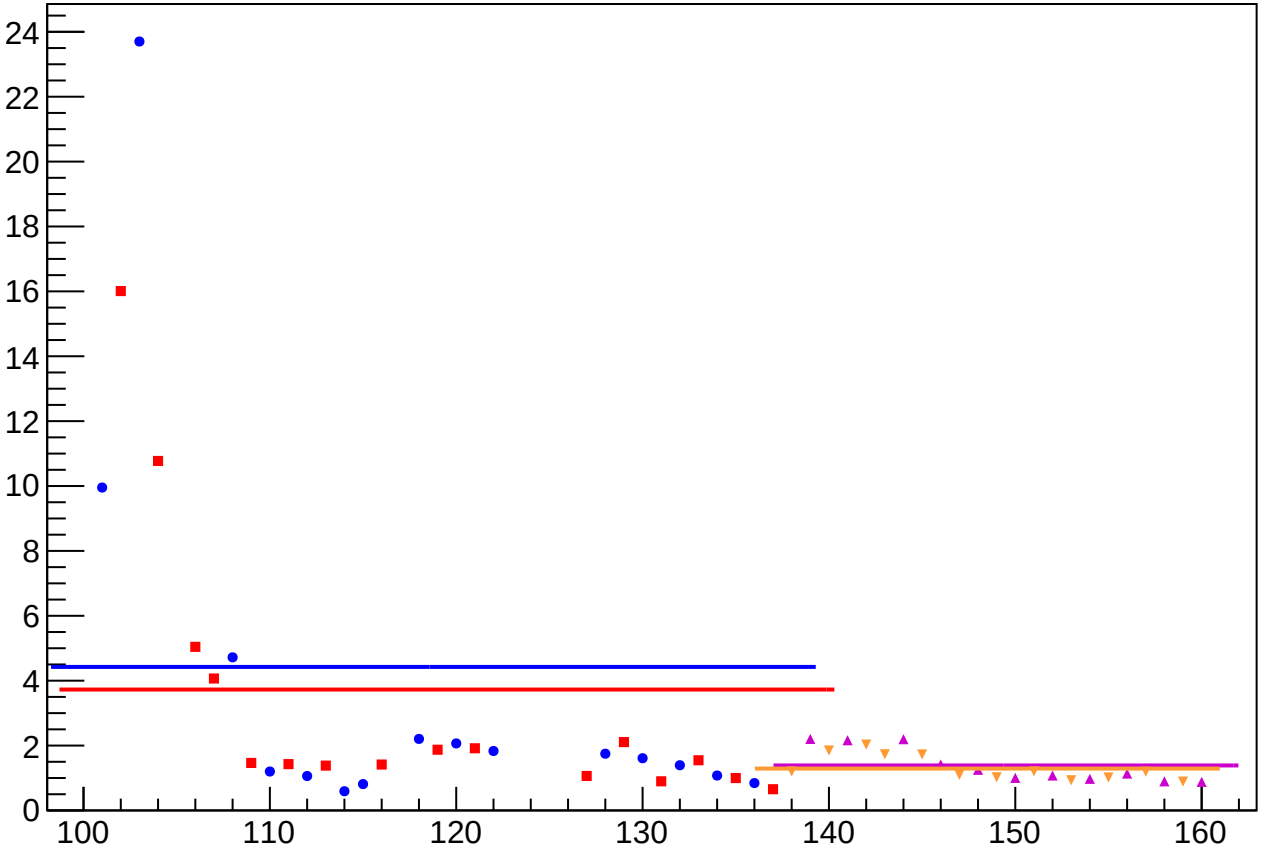
Left In: 2.816+/-0.000 χ^2/NDF:2230790234579581781884760219451392.0/10

+ sign 1.958+/-0.000 χ^2/NDF: 8133477300118297 9

All: 2.109+/-0.000 χ^2/NDF: 1521837937026 1

- sign 2.256+/-0.000 χ^2/NDF: 7014944063307818 4

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 2.592+/-0.000 χ^2/NDF: 3210351611997735

Left Out: 1.291+/-0.000 χ^2/NDF:11920172561845219091749032427520 0.0/11

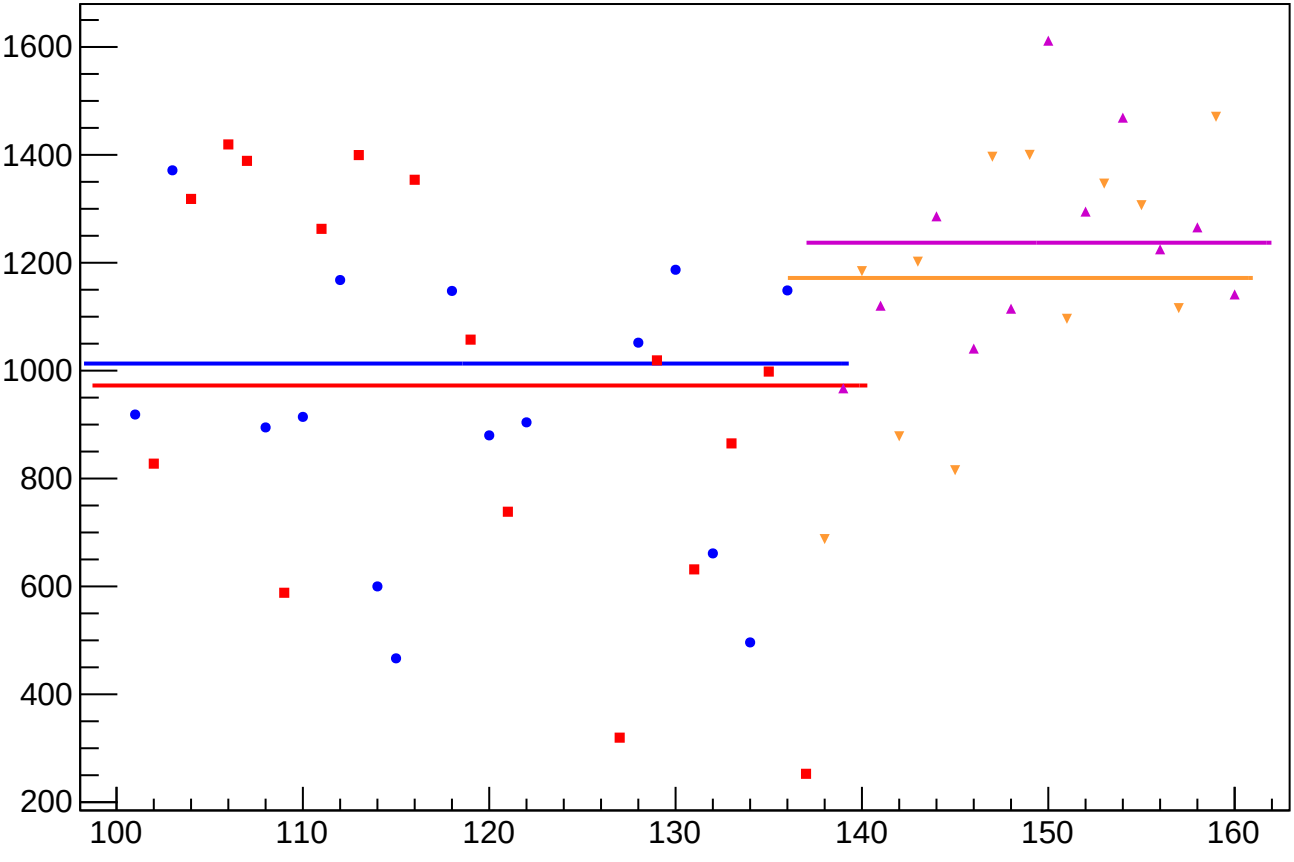
All: 2.479+/-0.000 χ^2/NDF: 4850101738154

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.368+/-0.000 χ^2/NDF: 16358007863357496

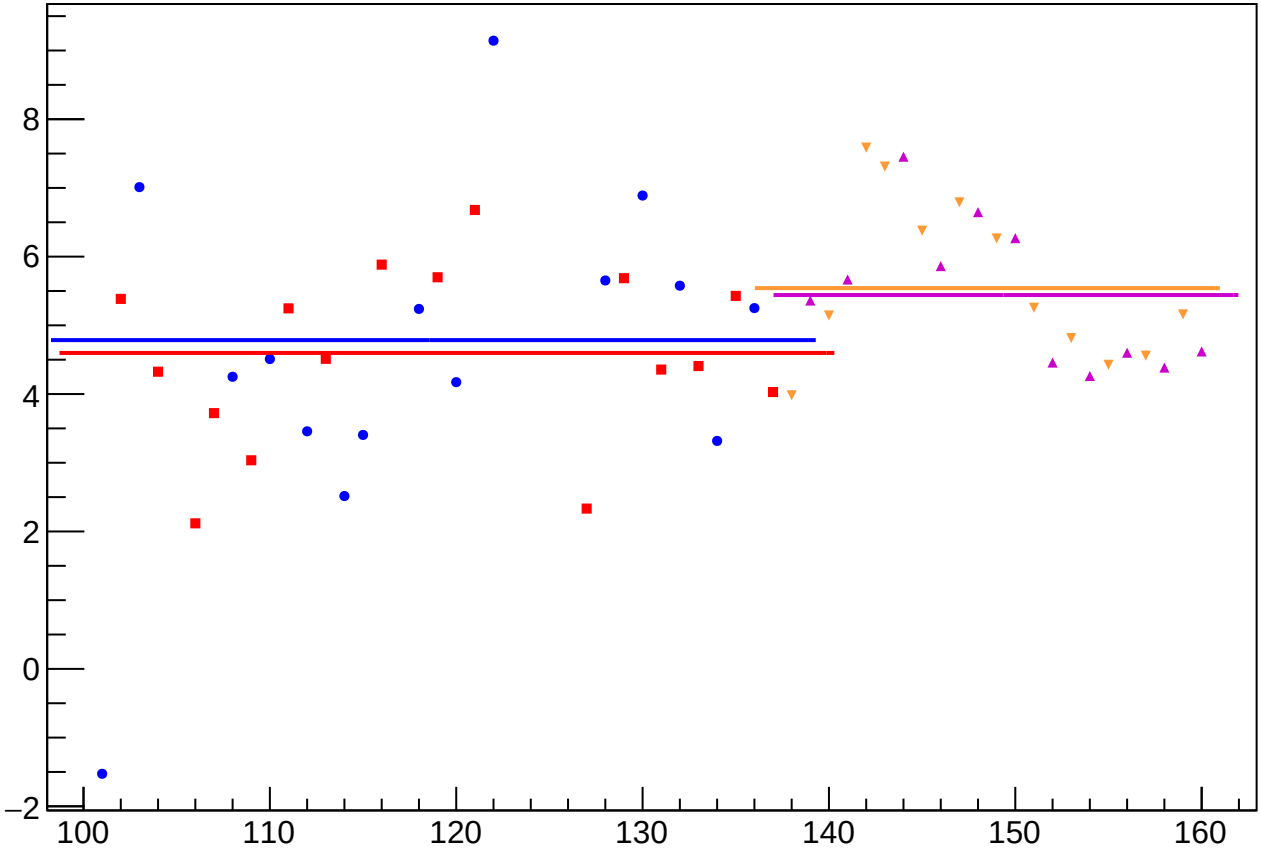
Left In: 1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

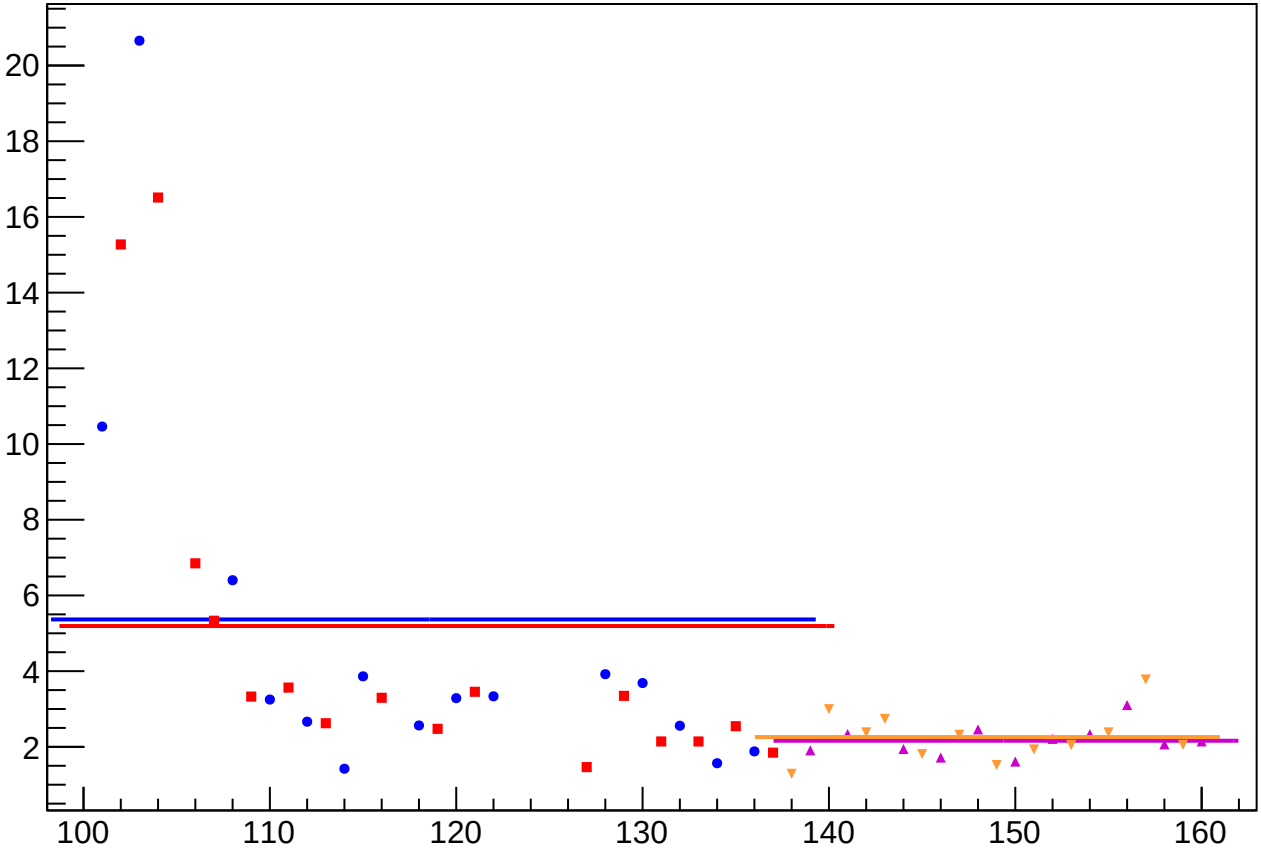
Left In: 5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

+ sign 5.228+/-0.000 χ^2/NDF: 5277527853709316 6

All: 5.157+/-0.000 χ^2/NDF: 7526752383180 7

- sign 5.088+/-0.000 χ^2/NDF: 2233771395337481 5

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.549+/-0.000 χ^2/NDF: 2284032483018928 6

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

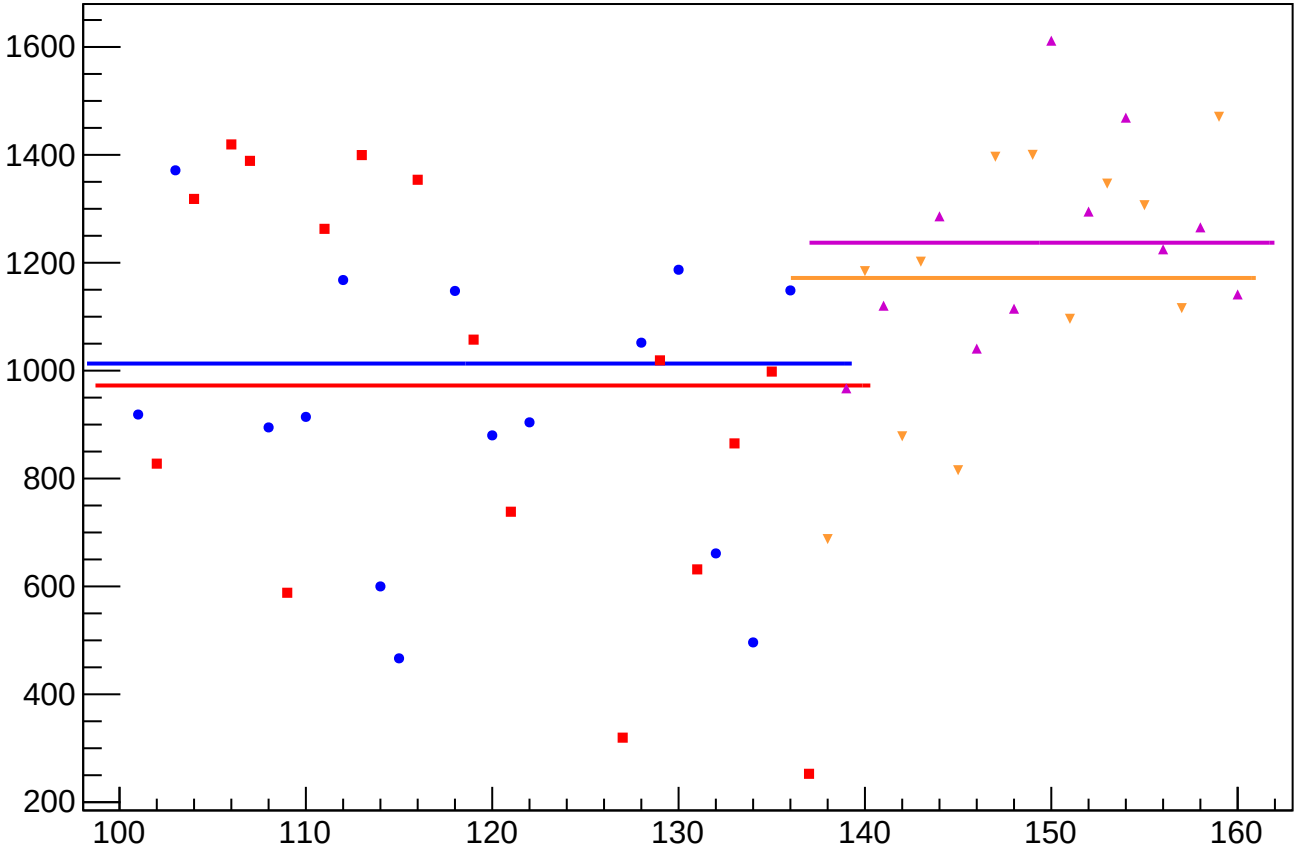
All: 3.490+/-0.000 χ^2/NDF: 4229693907768 0

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

- sign 3.432+/-0.000 χ^2/NDF: 1944582992061895 7

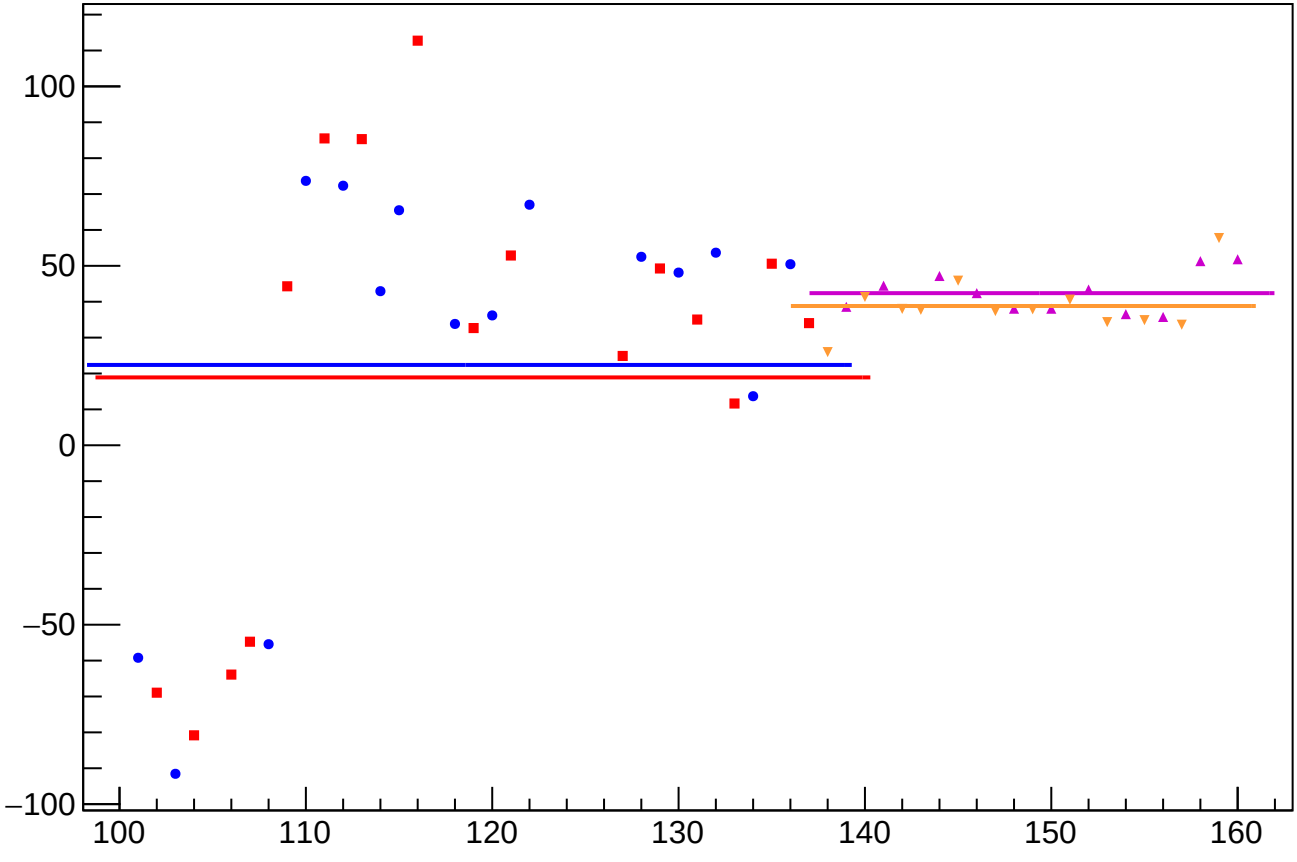
Left In: 2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399257783 7824.0/15

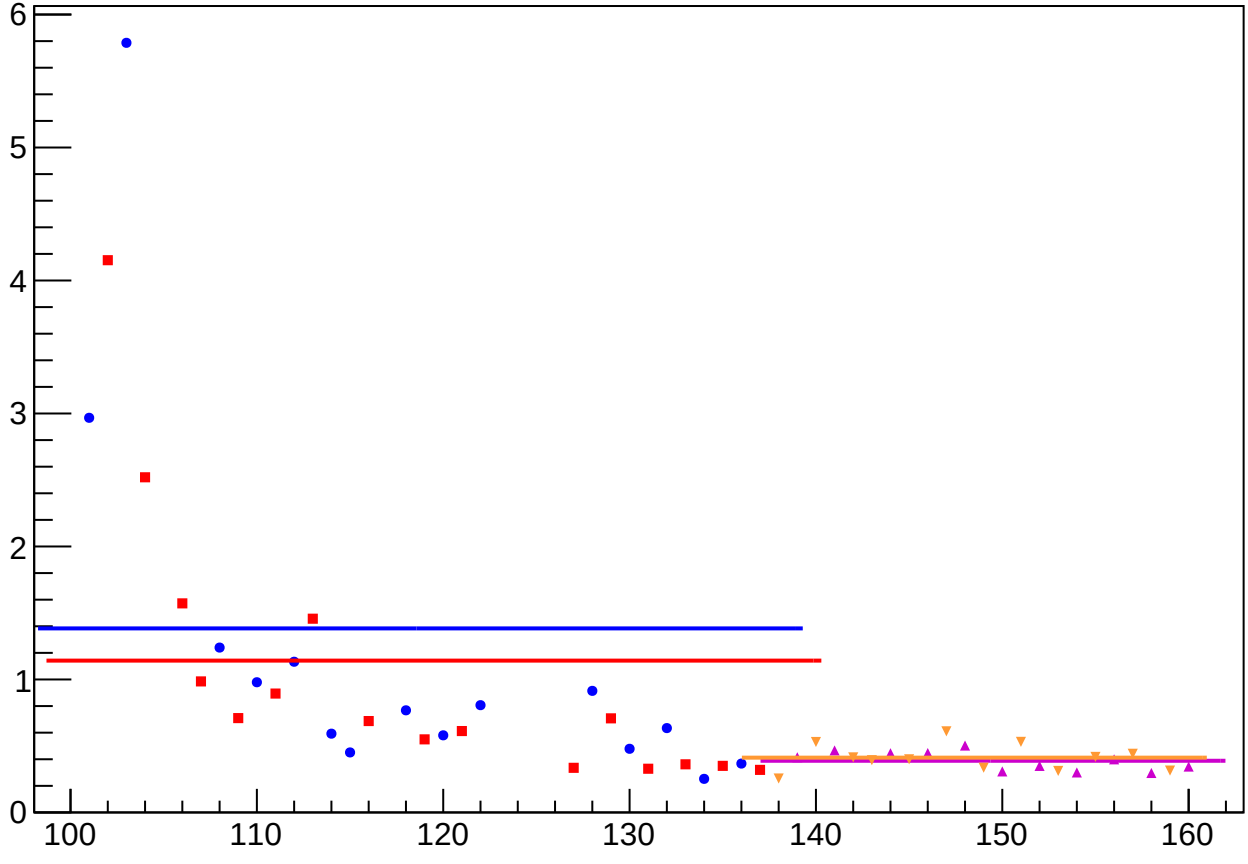
Left In: 42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10

+ 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: 157115932410206412048794093669580 8.0/14

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

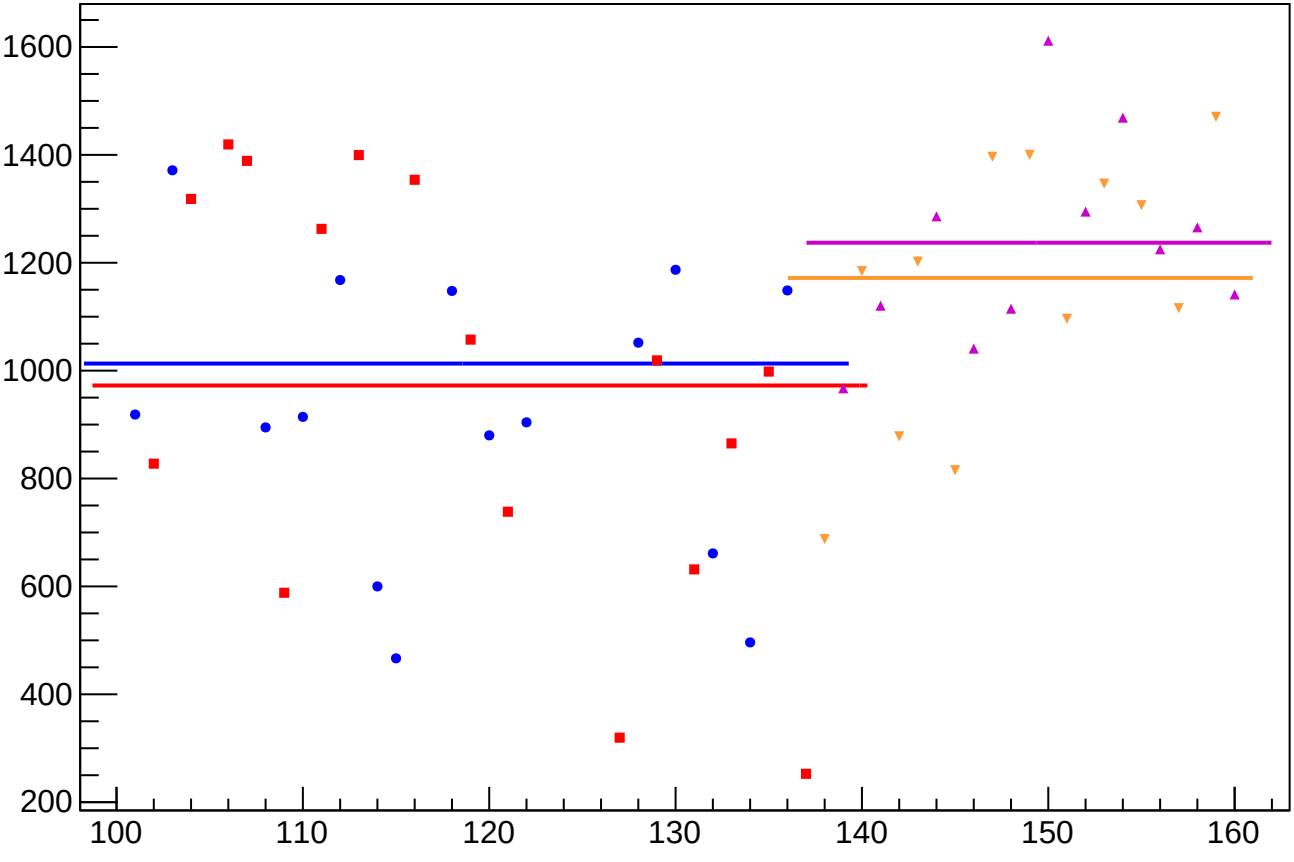
Left In: 0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

+ sign 0.816+/-0.000 χ^2/NDF: 1938989534103537 8

All: 0.760+/-0.000 χ^2/NDF: 2983619505756 6

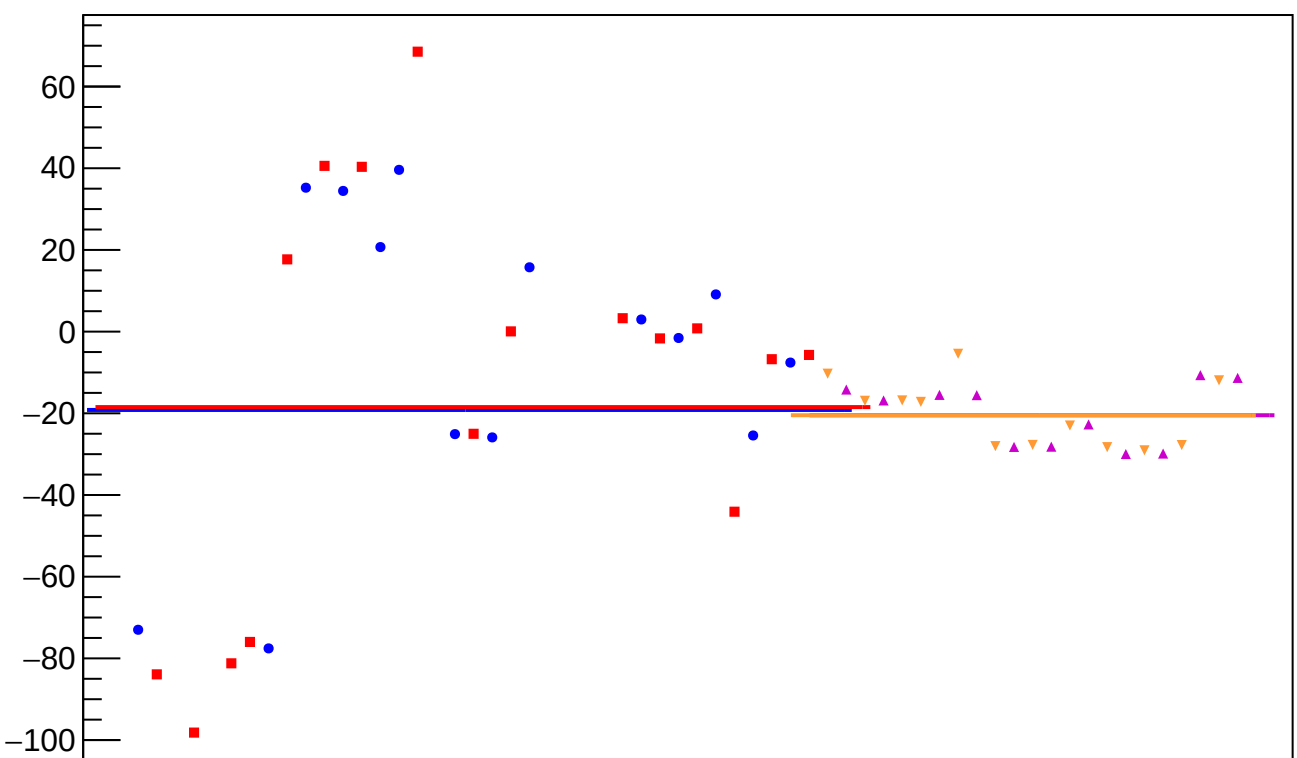
- sign 0.704+/-0.000 χ^2/NDF: 1034872597888586 5

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -19.930+/-0.000 χ^2/NDF: 130562508565939

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

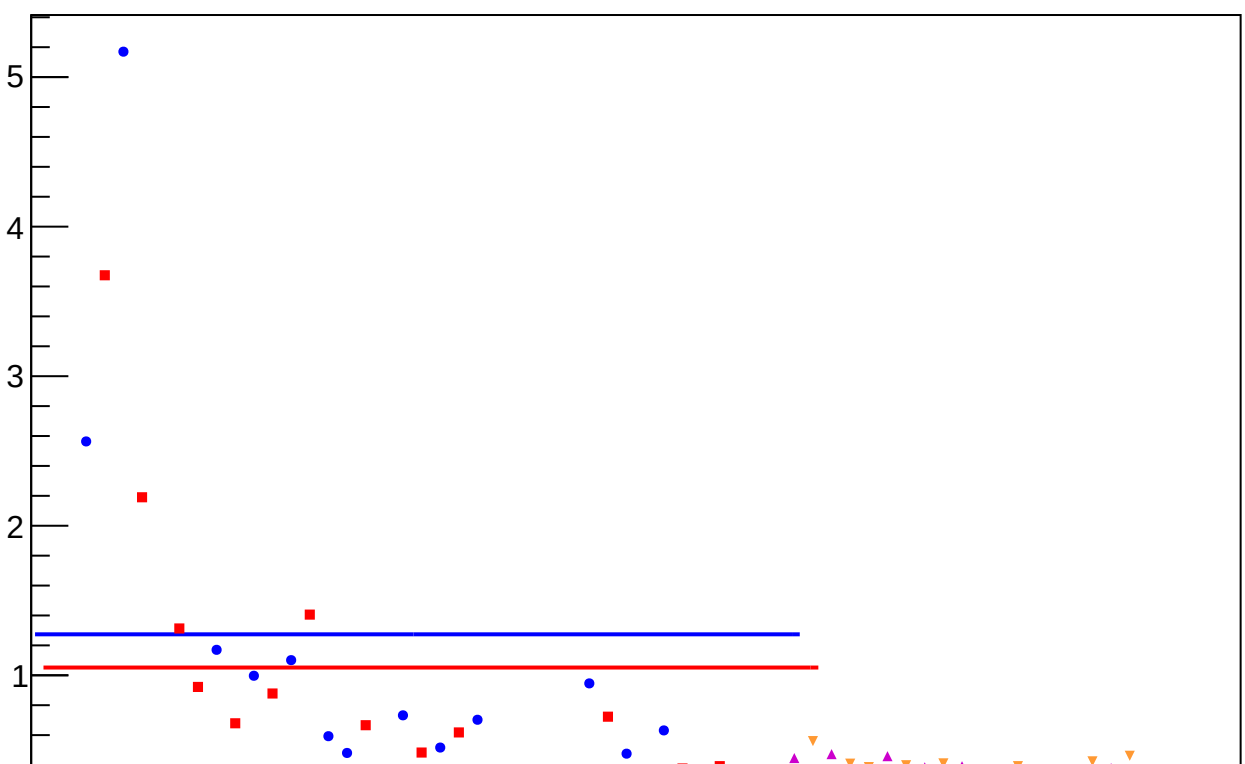
All: -19.782+/-0.000 χ^2/NDF: 284511592850

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -19.637+/-0.000 χ^2/NDF: 1539423306551337

Left In: -20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

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:58223220290785982682601294397 44.0/11

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

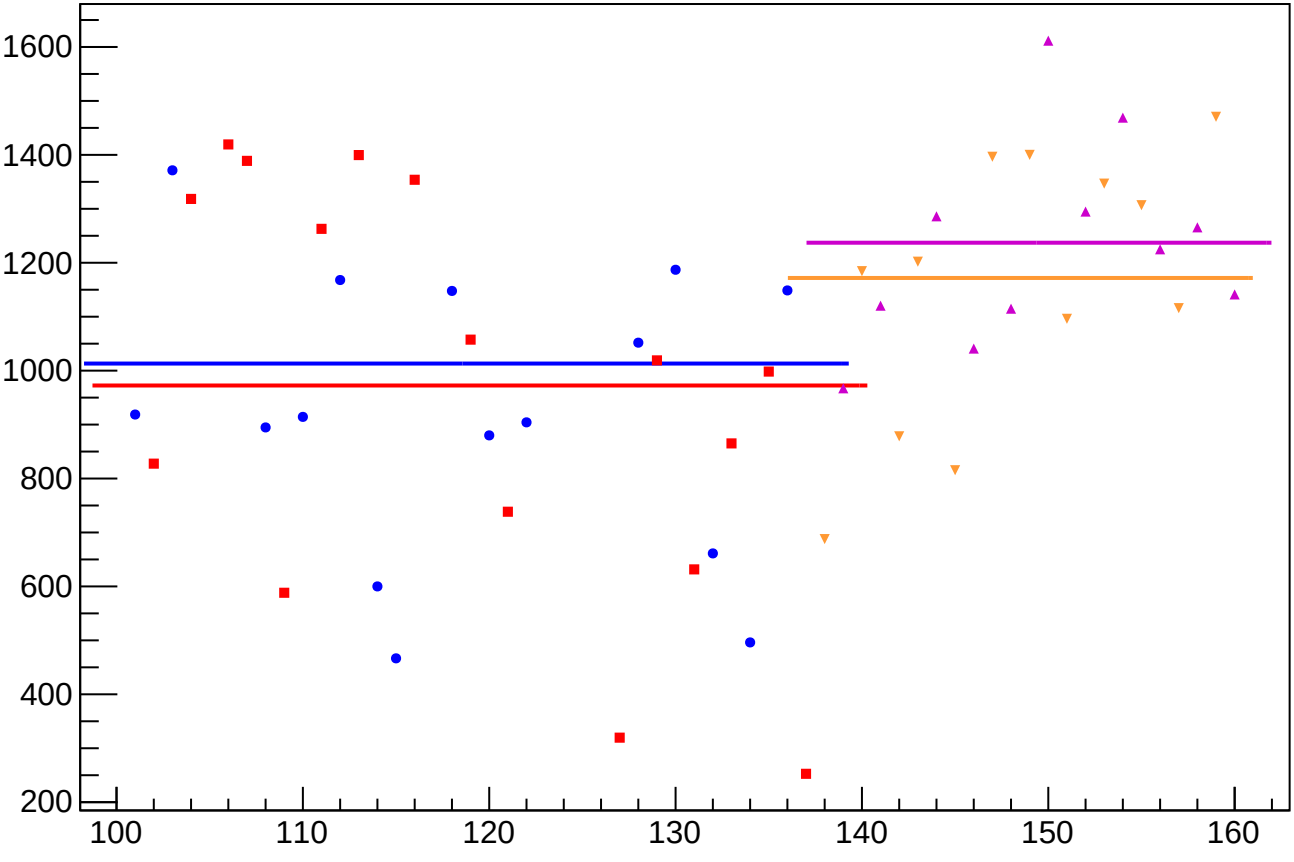
Left In: 0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

+ sign 0.754+/-0.000 χ^2/NDF: 1518228086882446 8

All: 0.704+/-0.000 χ^2/NDF: 2317786361226 1

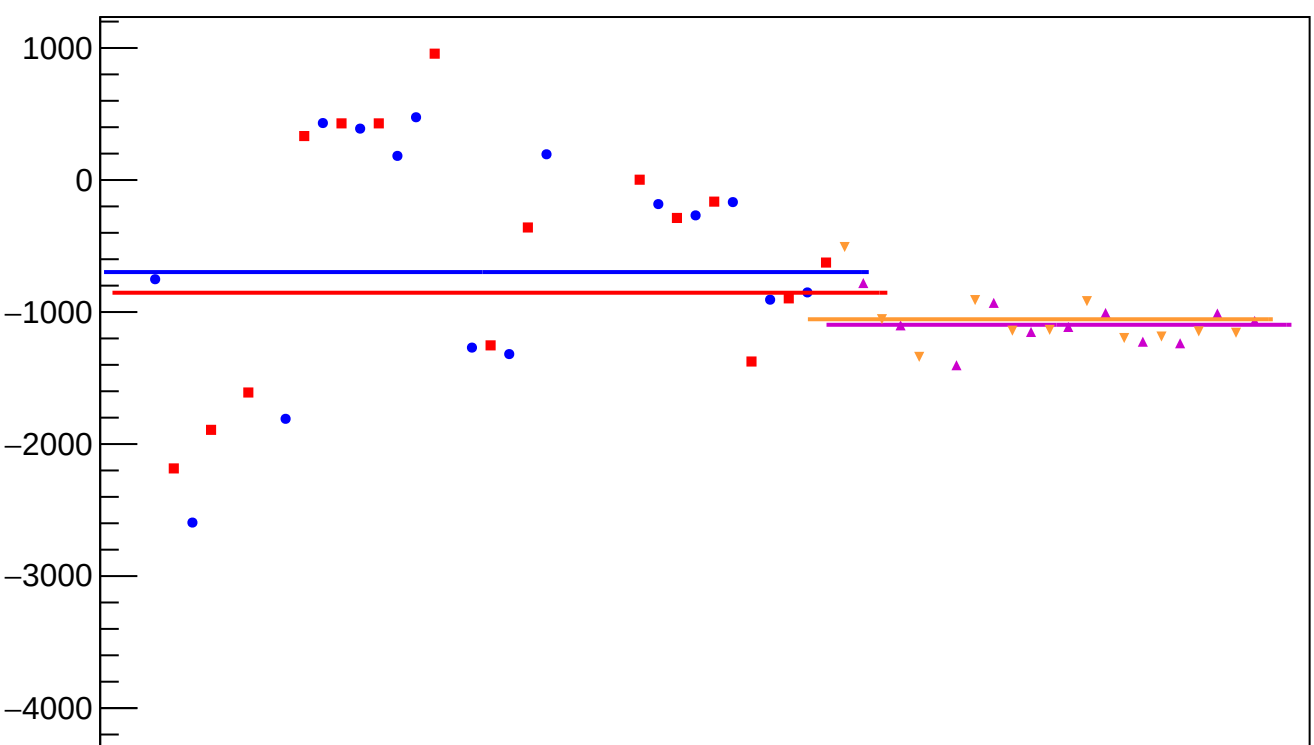
- sign 0.655+/-0.000 χ^2/NDF: 7919391626882888 1

dit_4eY_coil6_Ndata_mean vs Slug



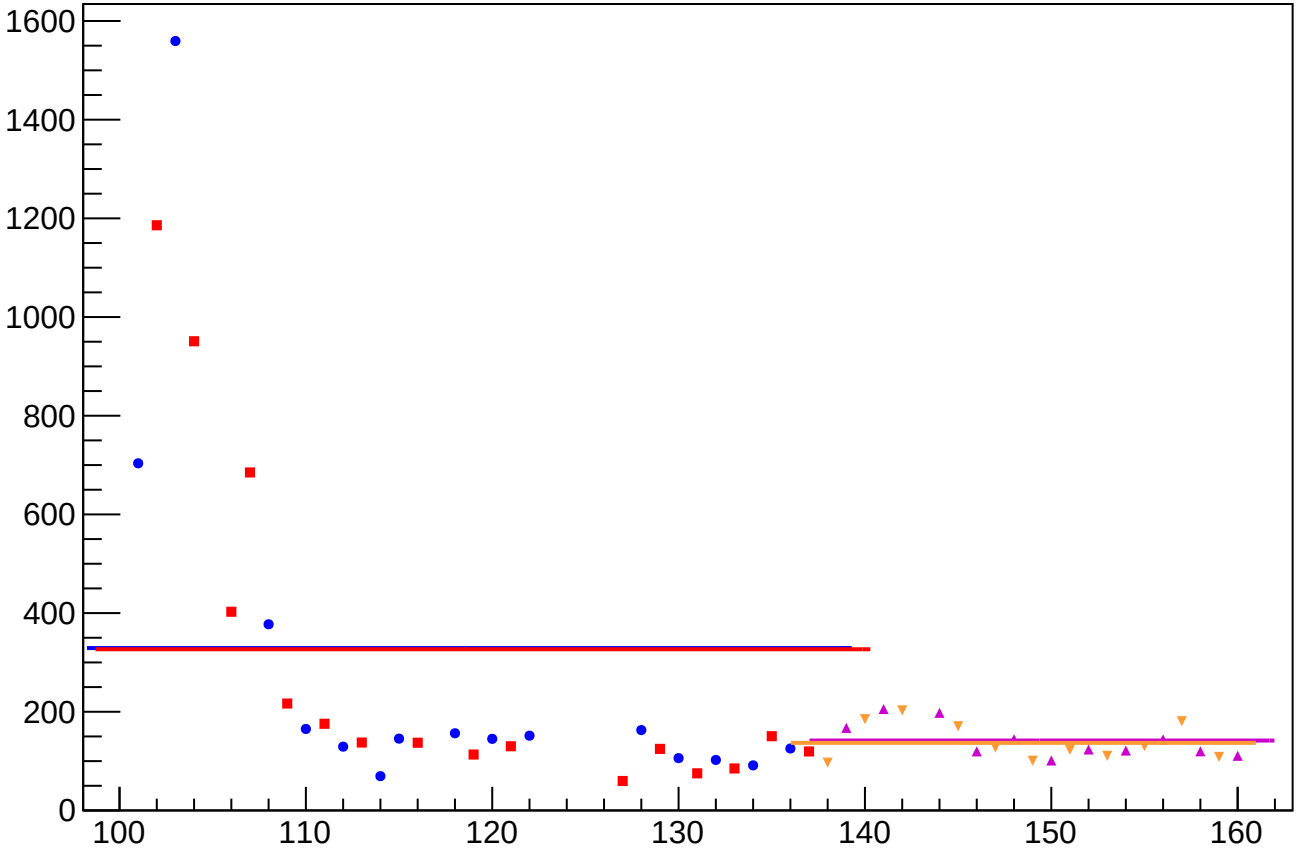
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -899.630+/-0.000 χ^2/NDF: 57326318903301
Left Out: -1054.675+/-0.000 χ^2/NDF:358934145617512898310280045358051491 84.0/10
All: -948.643+/-0.000 χ^2/NDF: 17048438468
Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176 6912.0/15
- sign -994.729+/-0.000 χ^2/NDF: 112460764695899
Left In: -1096.508+/-0.000 χ^2/NDF:233970924640850923750080146745579 27424.0/10

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 220.348+/-0.000 χ^2/NDF: 131437286987264

Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10

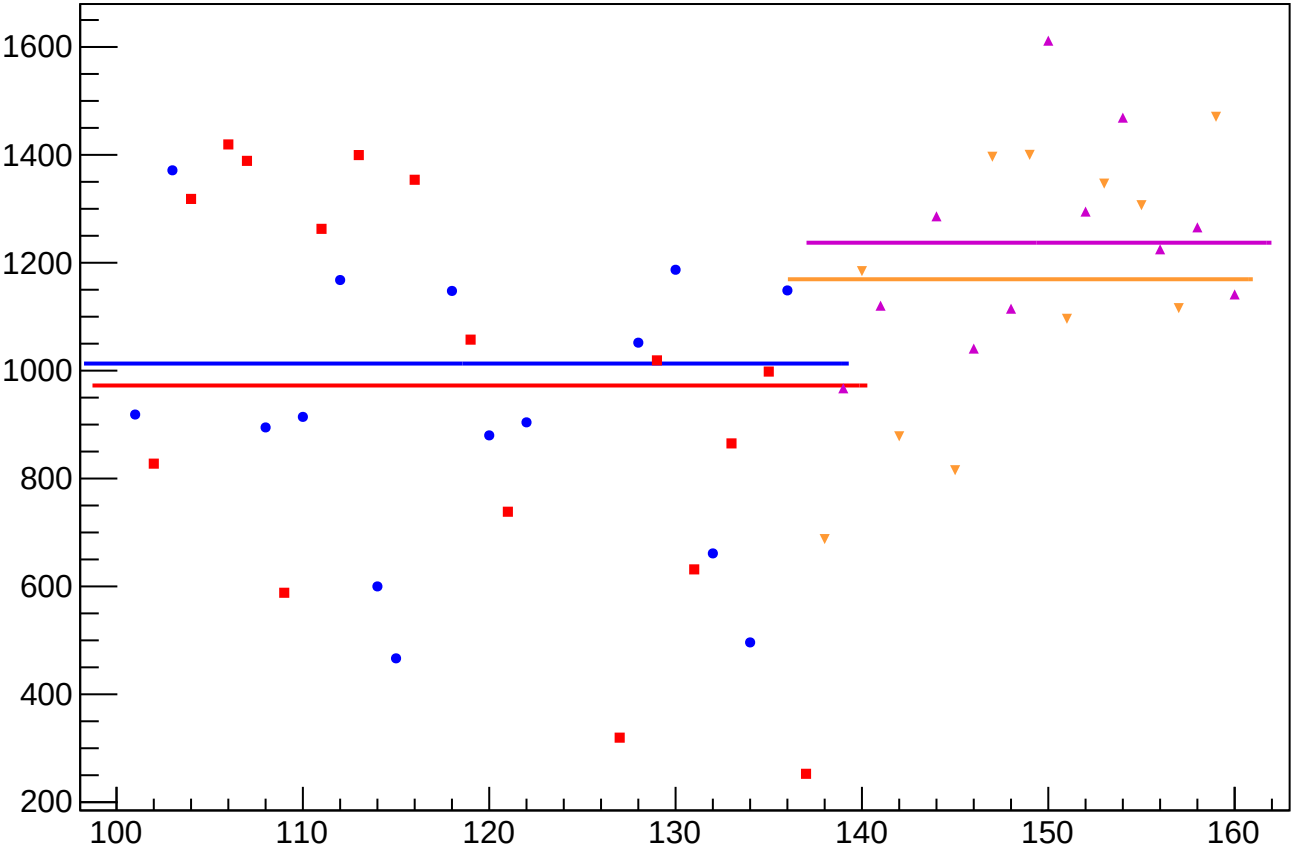
All: 219.782+/-0.000 χ^2/NDF: 233310972456

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 219.249+/-0.000 χ^2/NDF: 101872754009430

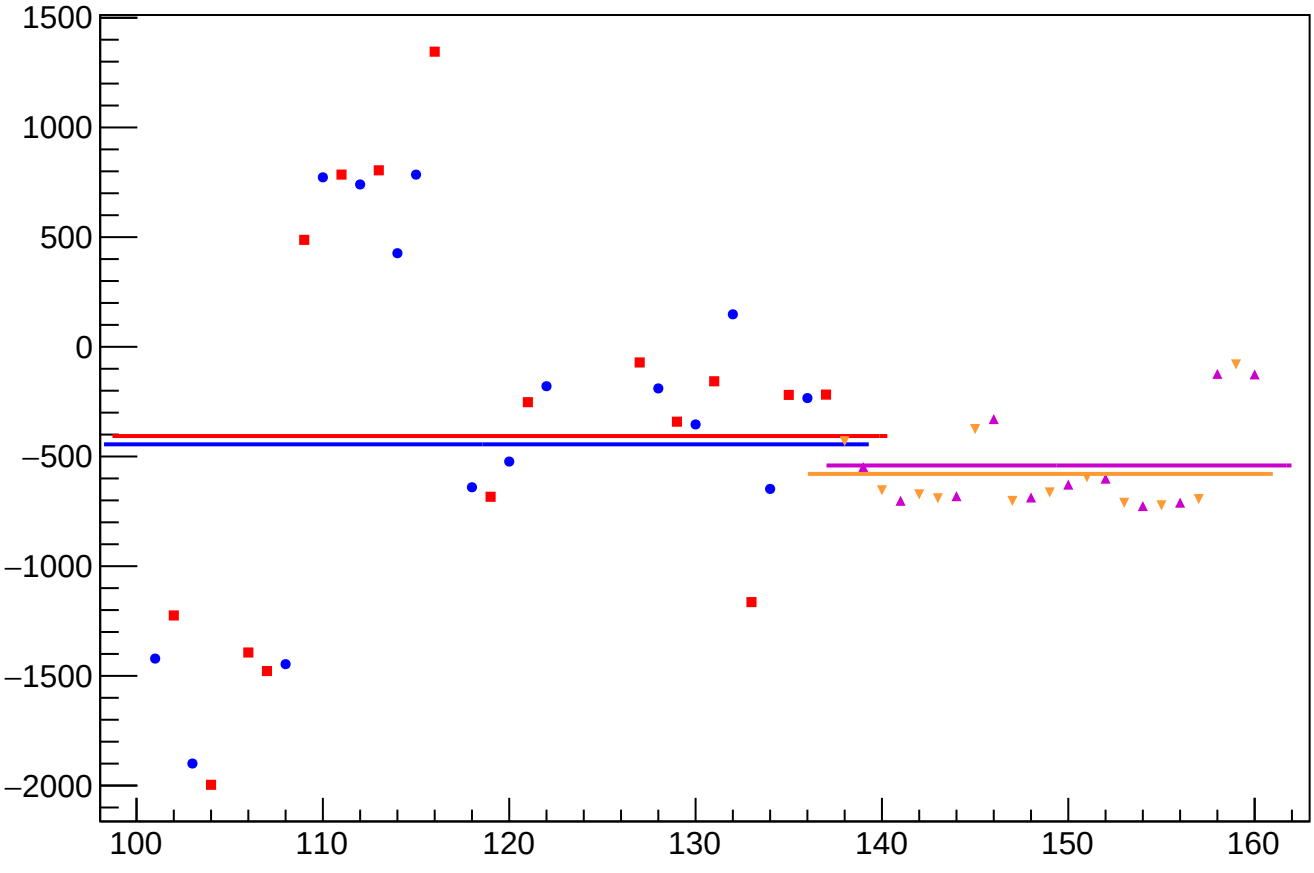
Left In: 141.688+/-0.000 χ^2/NDF:104488240805784919408142413060059955 2.0/10

dit_usl_coil6_Ndata_mean vs Slug



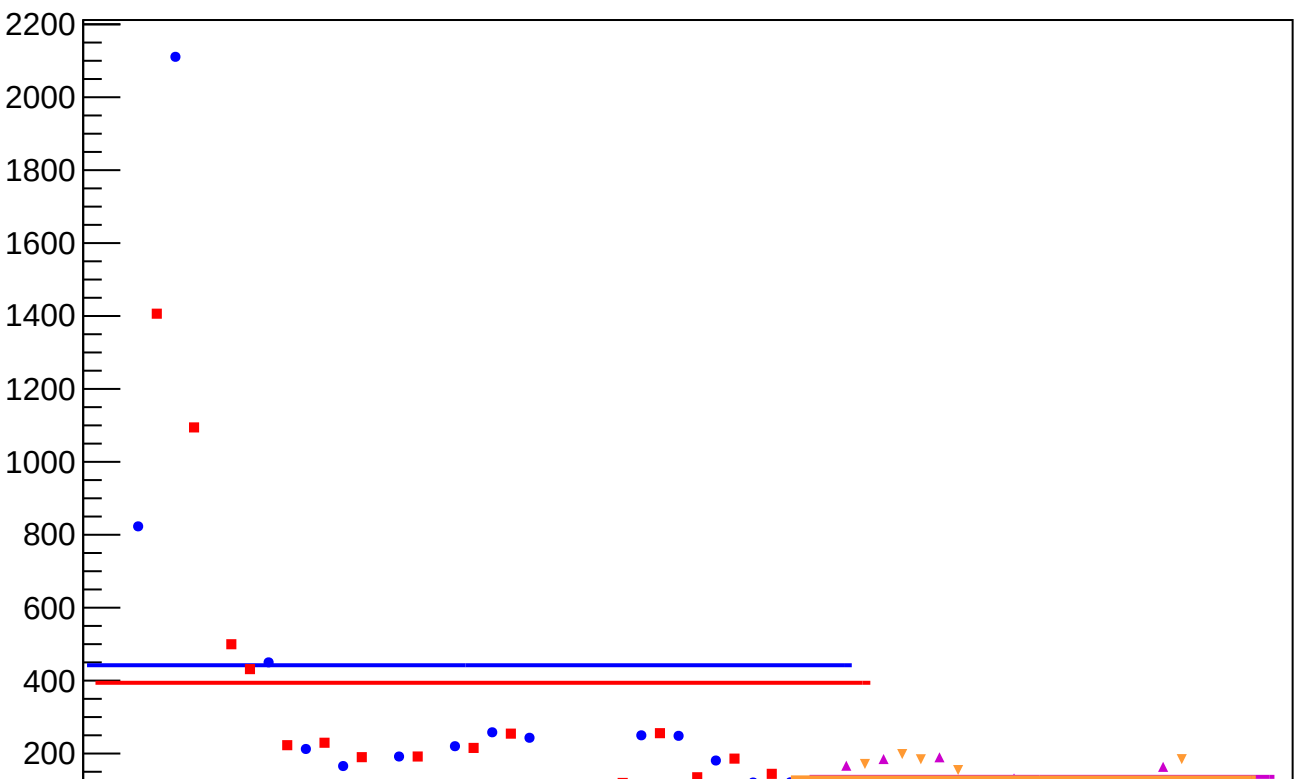
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1101.625+/-0.000 χ^2/NDF: 9305398859829 5
Left Out: 1169.420+/-0.000 χ^2/NDF:5235905852848421215297581793055395 0208.0/10
All: 1114.283+/-0.000 χ^2/NDF: 2298656455 5
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14
+ sign -523.316+/-0.000 χ^2/NDF: 43595864947593
Left Out: -579.272+/-0.000 χ^2/NDF:3258458152452886094159559740704266649 6.0/11
All: -503.795+/-0.000 χ^2/NDF: 10158993354
Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15
- sign -484.617+/-0.000 χ^2/NDF: 57875992713105
Left In: -540.842+/-0.000 χ^2/NDF:4267019331749781791103036746636669747 2.0/10

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 262.286+/-0.000 χ^2/NDF: 241048188566854

Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11

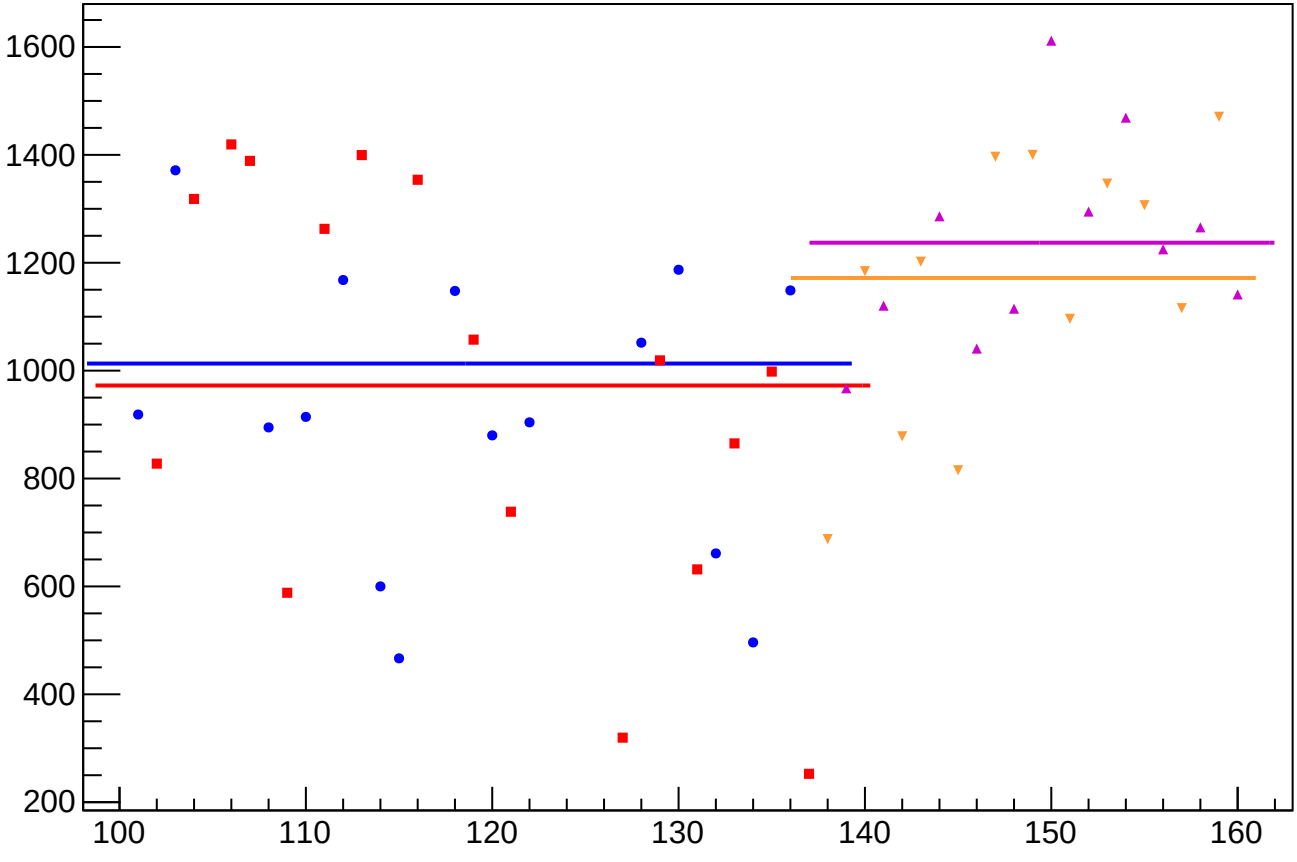
All: 253.162+/-0.000 χ^2/NDF: 37398353308

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 244.199+/-0.000 χ^2/NDF: 132677424429000

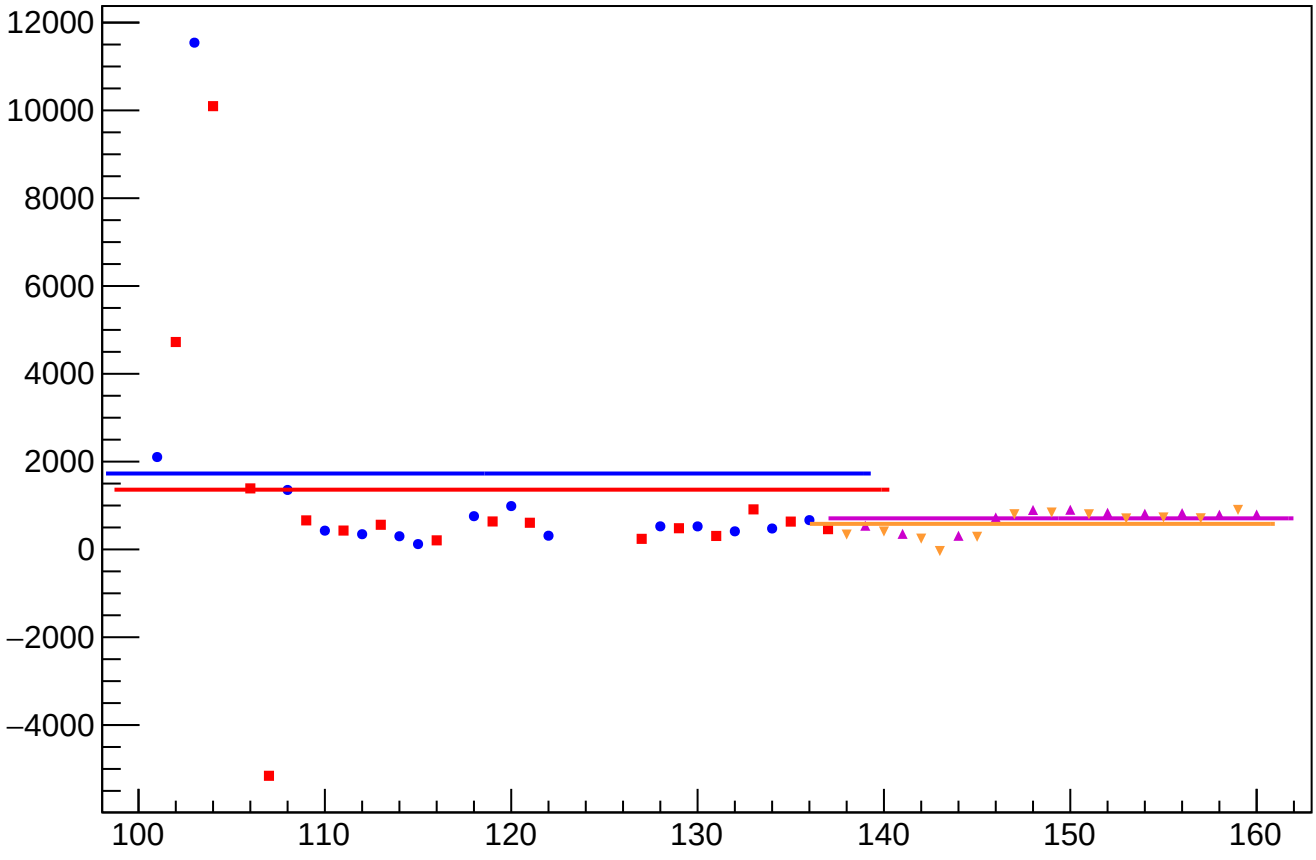
Left In: 136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10

dit_usr_coil6_Ndata_mean vs Slug



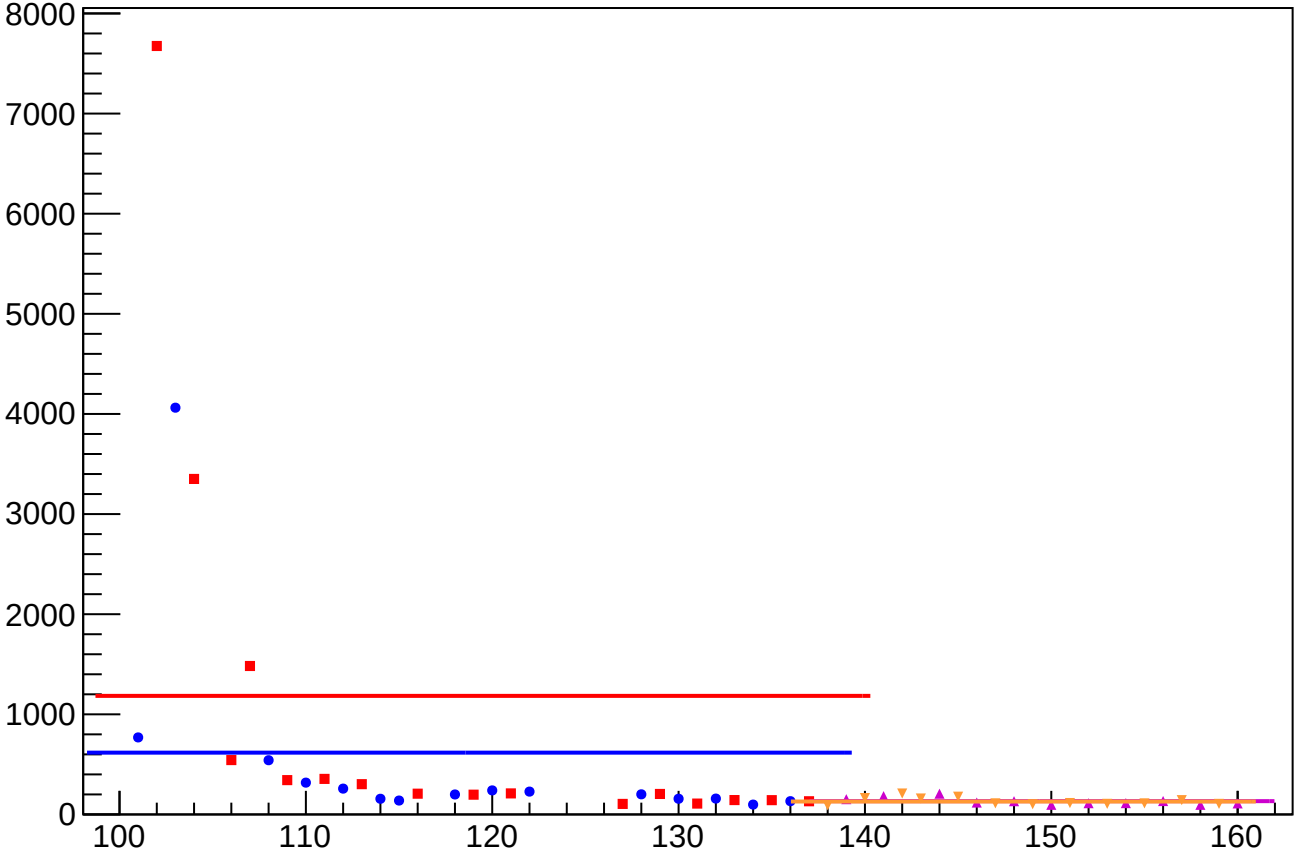
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_atl1_coil6_mean vs Slug



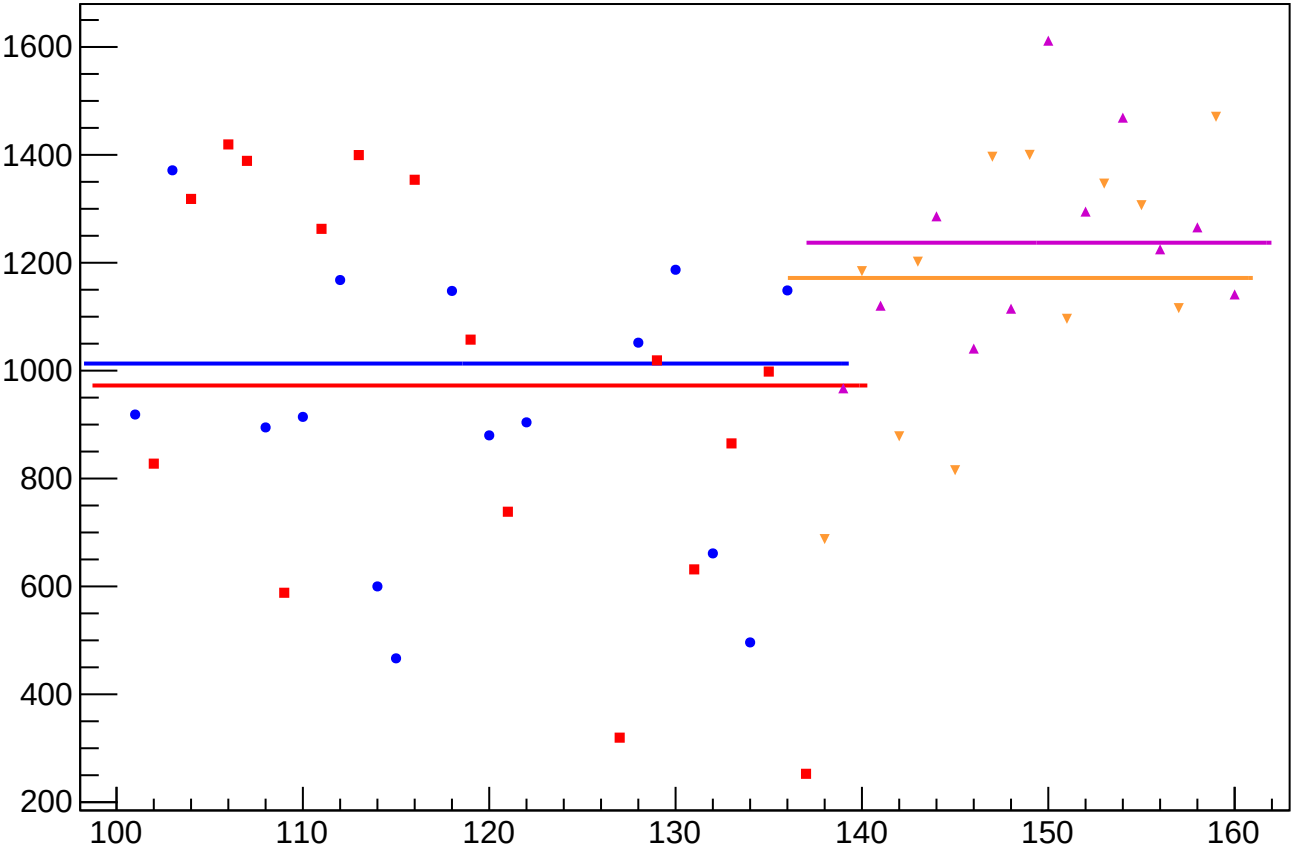
Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14
+ sign 1058.360+/-0.000 χ^2/NDF: 69823808255157
Left Out: 582.152+/-0.000 χ^2/NDF:700837726478314861257329897688017141 76.0/11
All: 1019.669+/-0.000 χ^2/NDF: 1362193289 5
Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15
- sign 981.659+/-0.000 χ^2/NDF: 663491357929352
Left In: 707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

dit_atl1_coil6_err_mean vs Slug



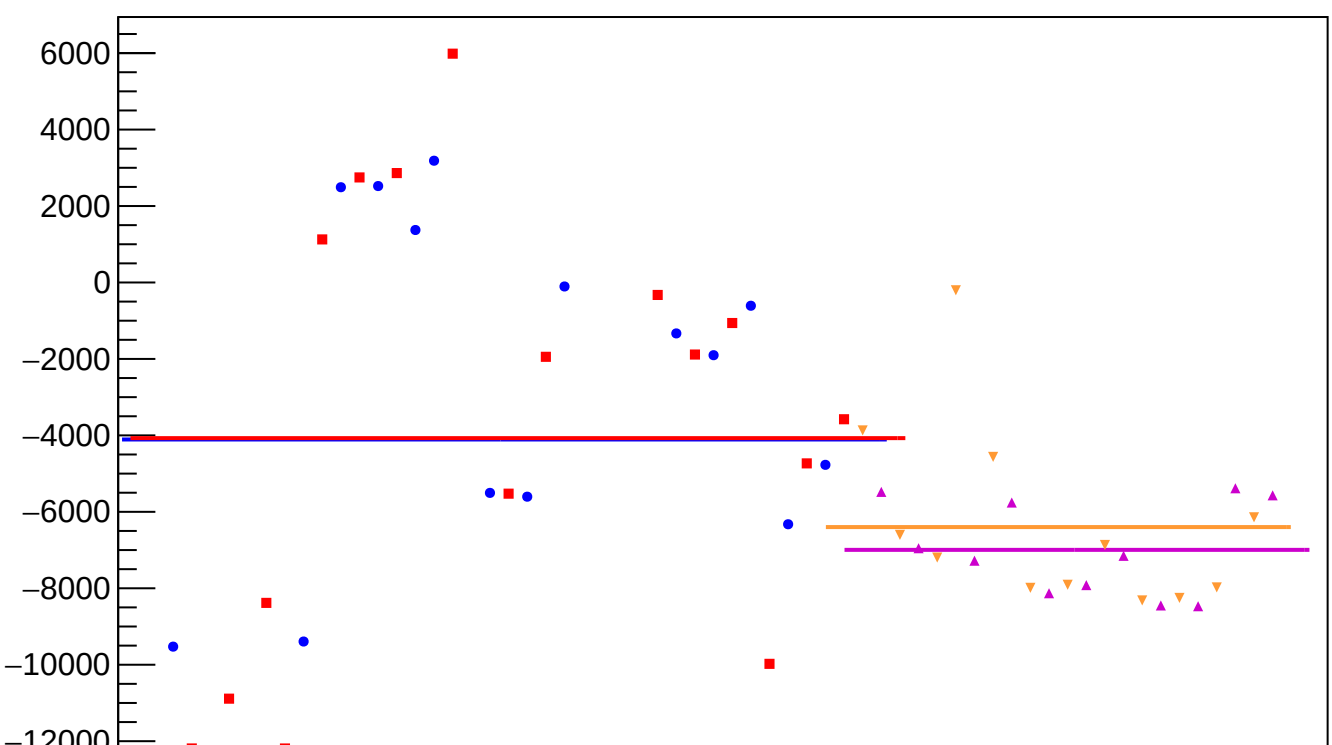
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 331.972+/-0.000 χ^2/NDF: 883734584018434
Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11
All: 453.895+/-0.000 χ^2/NDF: 45265690321 2
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- sign 573.673+/-0.000 χ^2/NDF: 359677429953367
Left In: 132.869+/-0.000 χ^2/NDF:109183908566401411220146315571127910 4.0/10

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

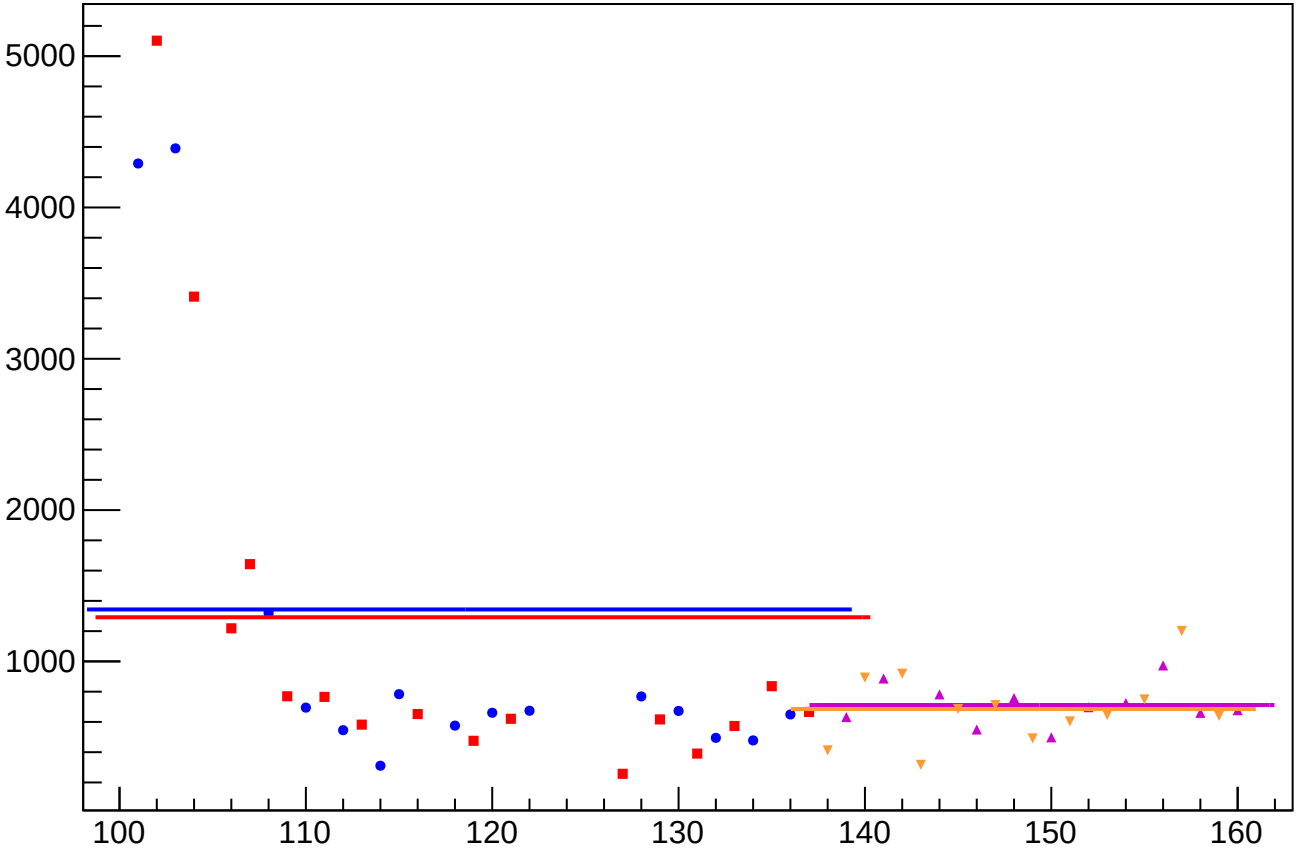
Left In: -6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

+ 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: 2490788852952 8

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 958.532+/-0.000 χ^2/NDF: 152813586967555

Left Out: 685.307+/-0.000 χ^2/NDF:46333249080985813233742212153458294784.0/11

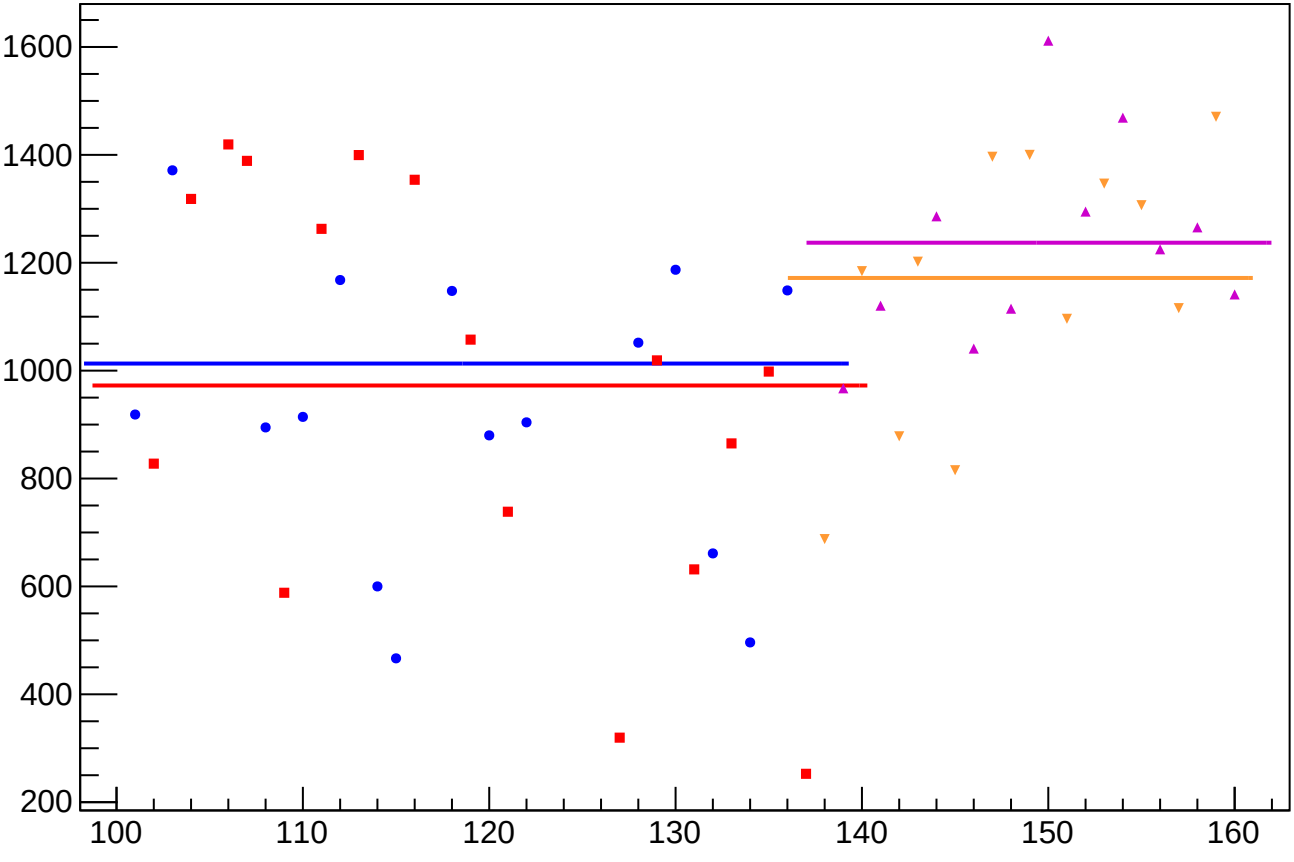
All: 956.706+/-0.000 χ^2/NDF: 299793196976

Right Out: 1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

- sign 954.911+/-0.000 χ^2/NDF: 146978575897924

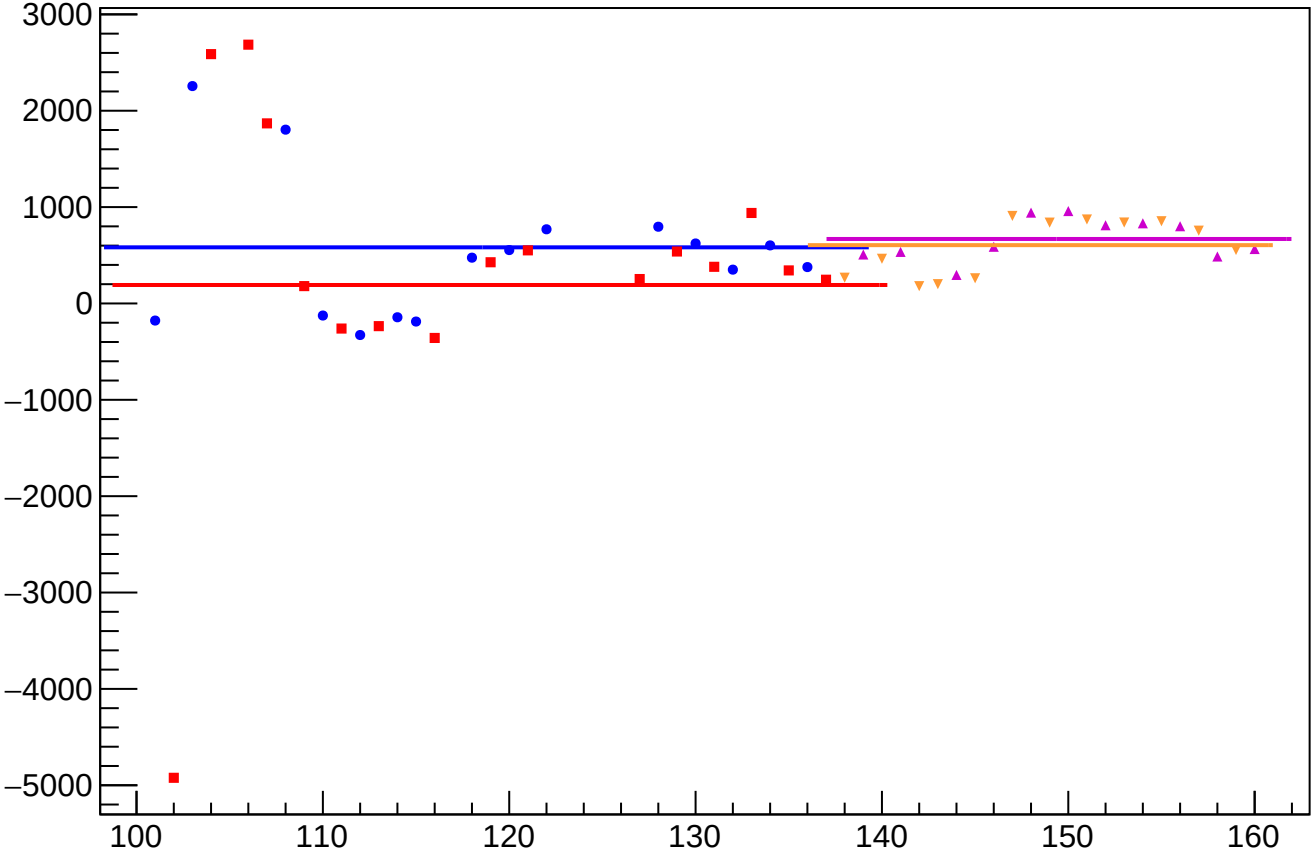
Left In: 711.726+/-0.000 χ^2/NDF:158734199795832073070684292470171238 40.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

+ sign 595.655+/-0.000 χ^2/NDF: 406904373797989

Left Out: 605.074+/-0.000 χ^2/NDF:679125152454461967299371308827059159 04.0/11

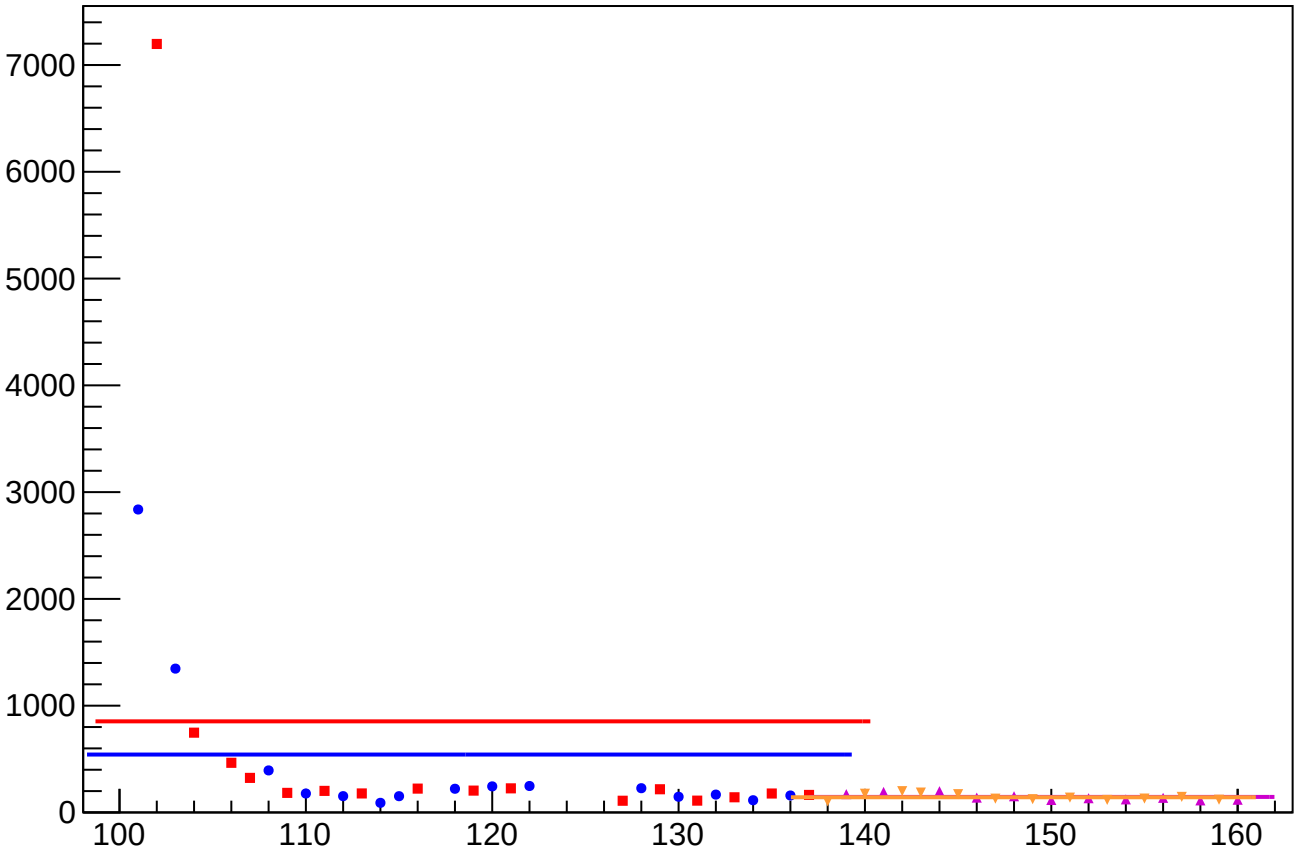
All: 531.737+/-0.000 χ^2/NDF: 27161550392 5

Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15

- sign 468.943+/-0.000 χ^2/NDF: 229659160910176

Left In: 669.155+/-0.000 χ^2/NDF:394811952405636172538422305226164797 44.0/10

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 308.422+/-0.000 χ^2/NDF: 475799684039922

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

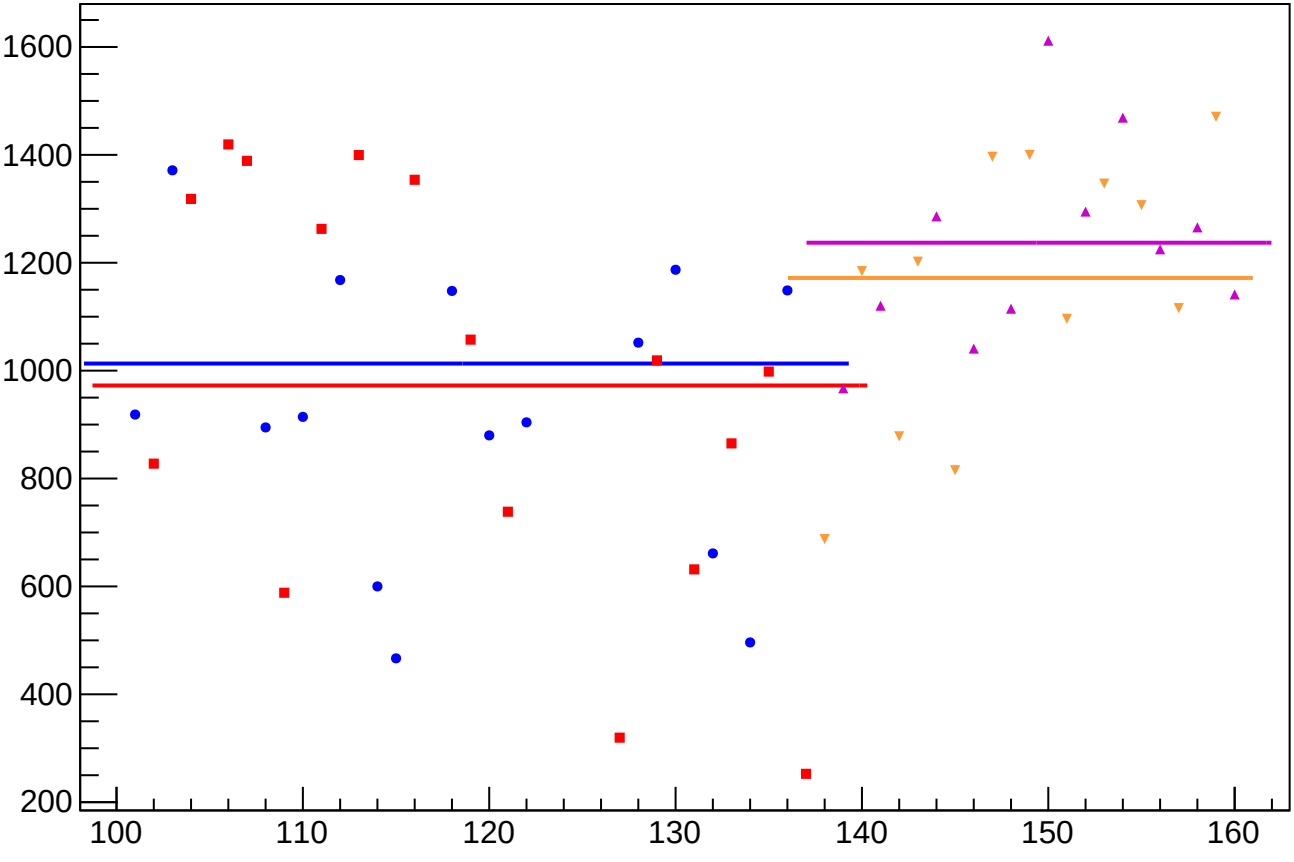
All: 375.901+/-0.000 χ^2/NDF: 325877888055

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 442.194+/-0.000 χ^2/NDF: 276887014570090

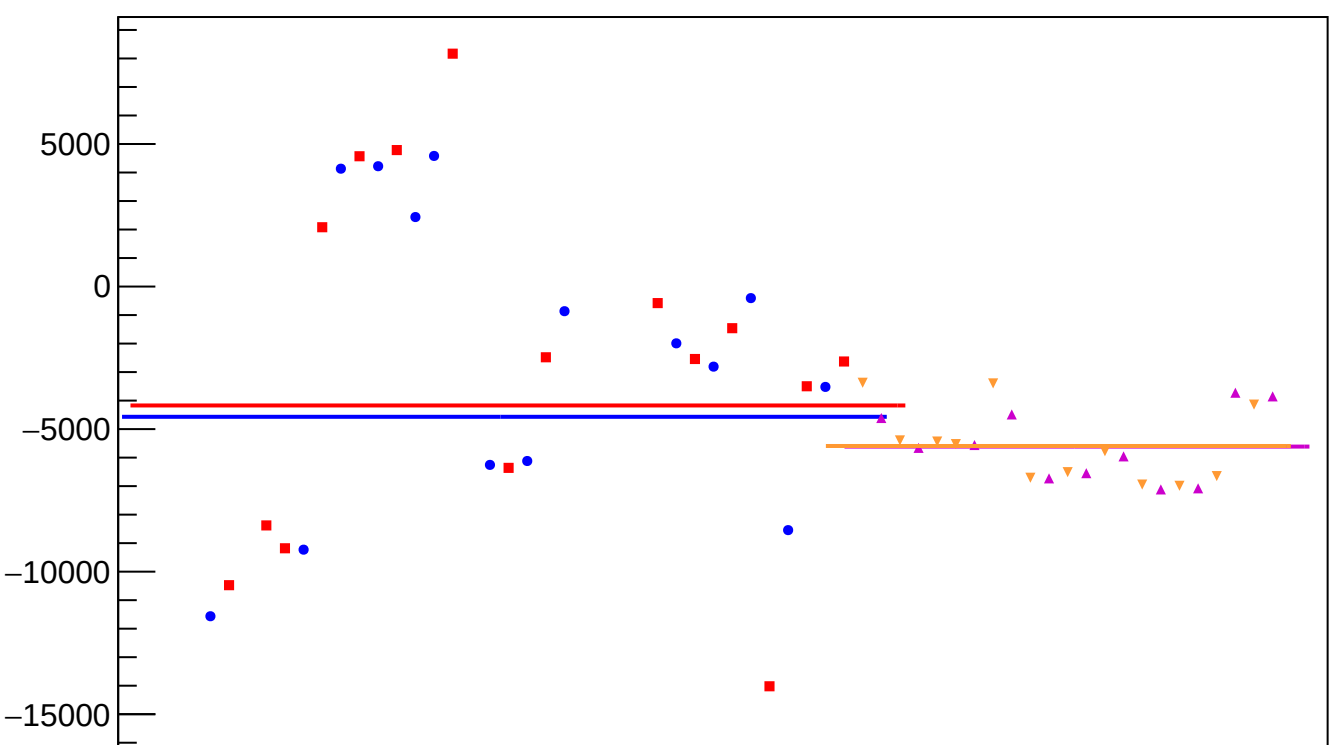
Left In: 145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug



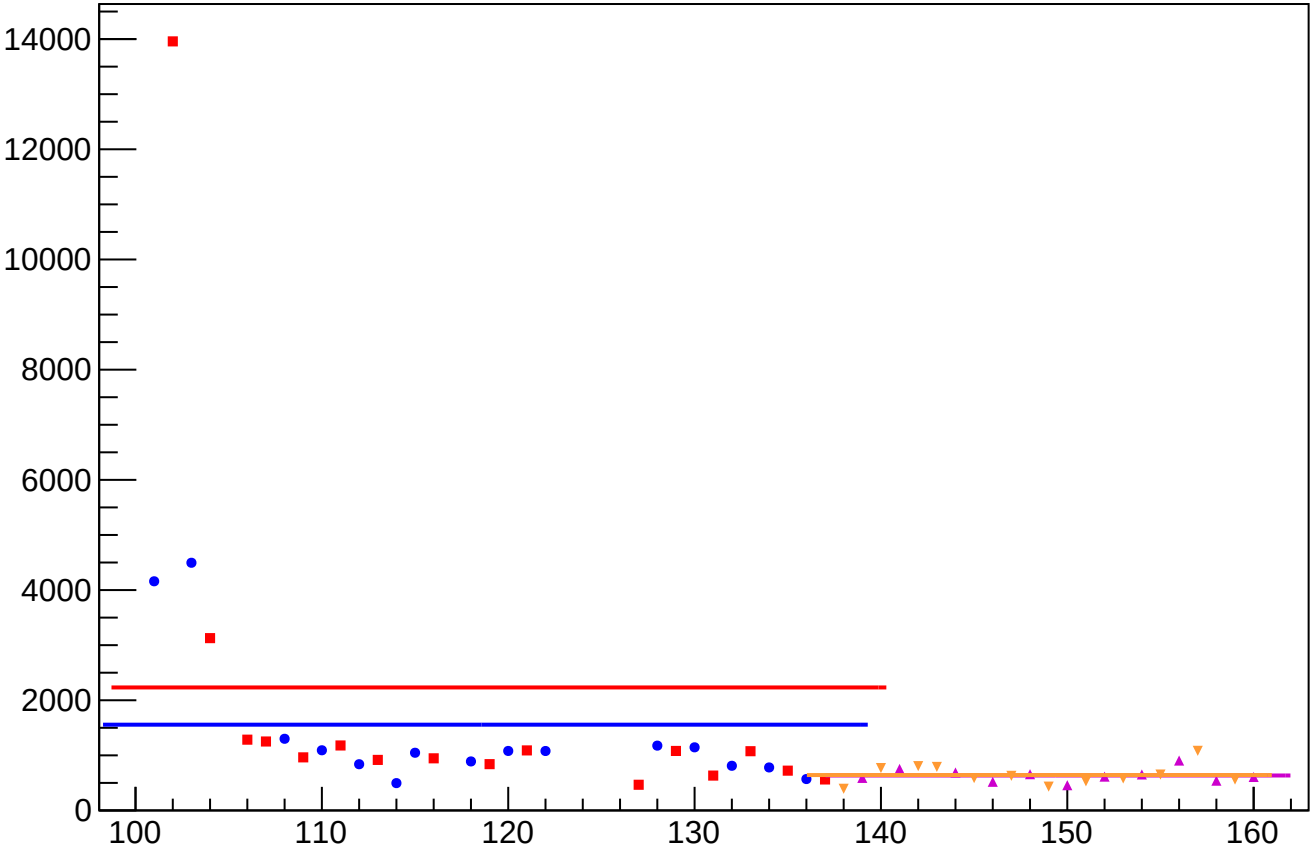
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr2_coil6_mean vs Slug



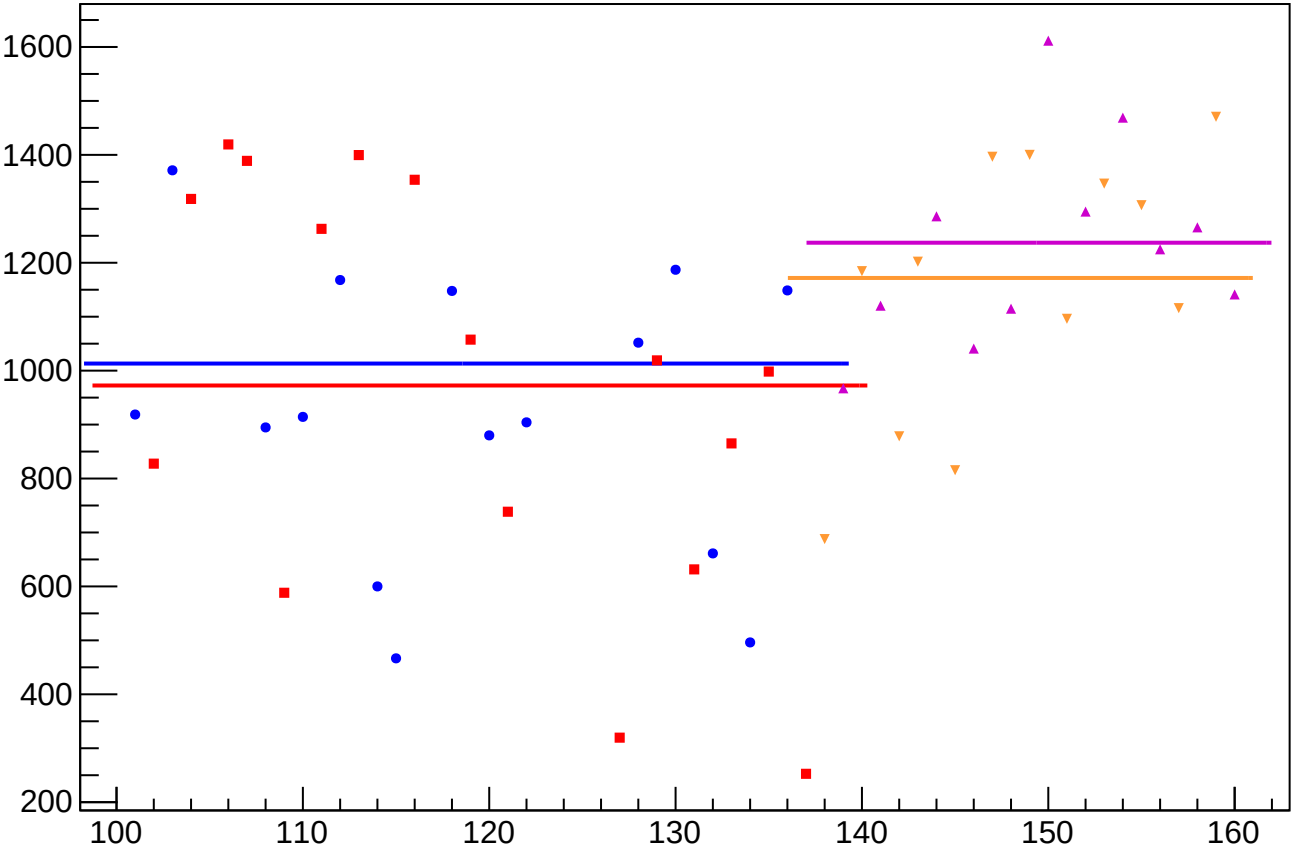
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -5167.140+/-0.000 χ^2/NDF: 2609556026190
Left Out: -5592.357+/-0.000 χ^2/NDF:1502507998590915650067934753088681803776.0/11
All: -5087.057+/-0.000 χ^2/NDF: 5916065819
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15
- sign -5008.384+/-0.000 χ^2/NDF: 3304522674427 4
Left In: -5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14
+ sign 1022.208+/-0.000 χ^2/NDF: 14864291079277
Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11
All: 1164.597+/-0.000 χ^2/NDF: 1154109459 3
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15
- sign 1304.479+/-0.000 χ^2/NDF: 99918451960380
Left In: 634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

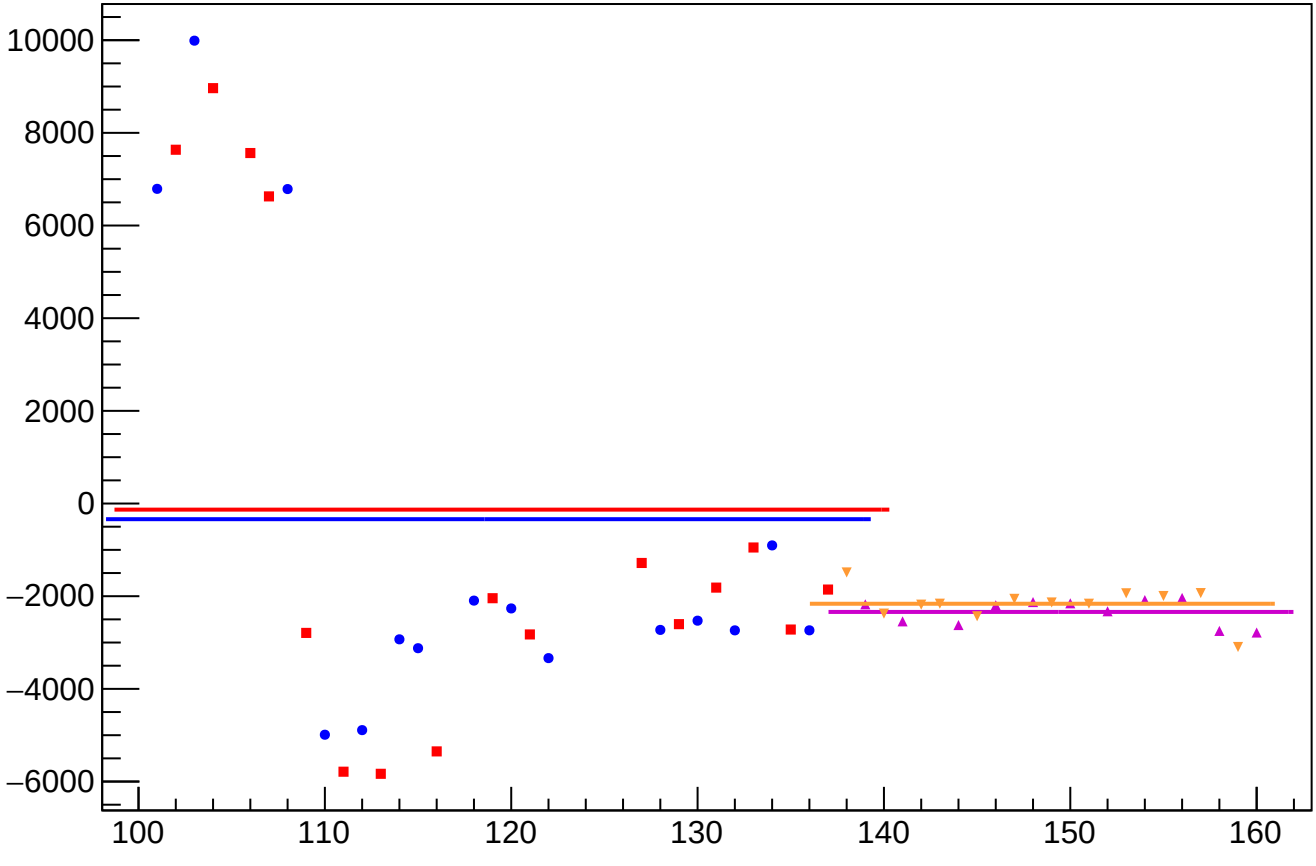
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

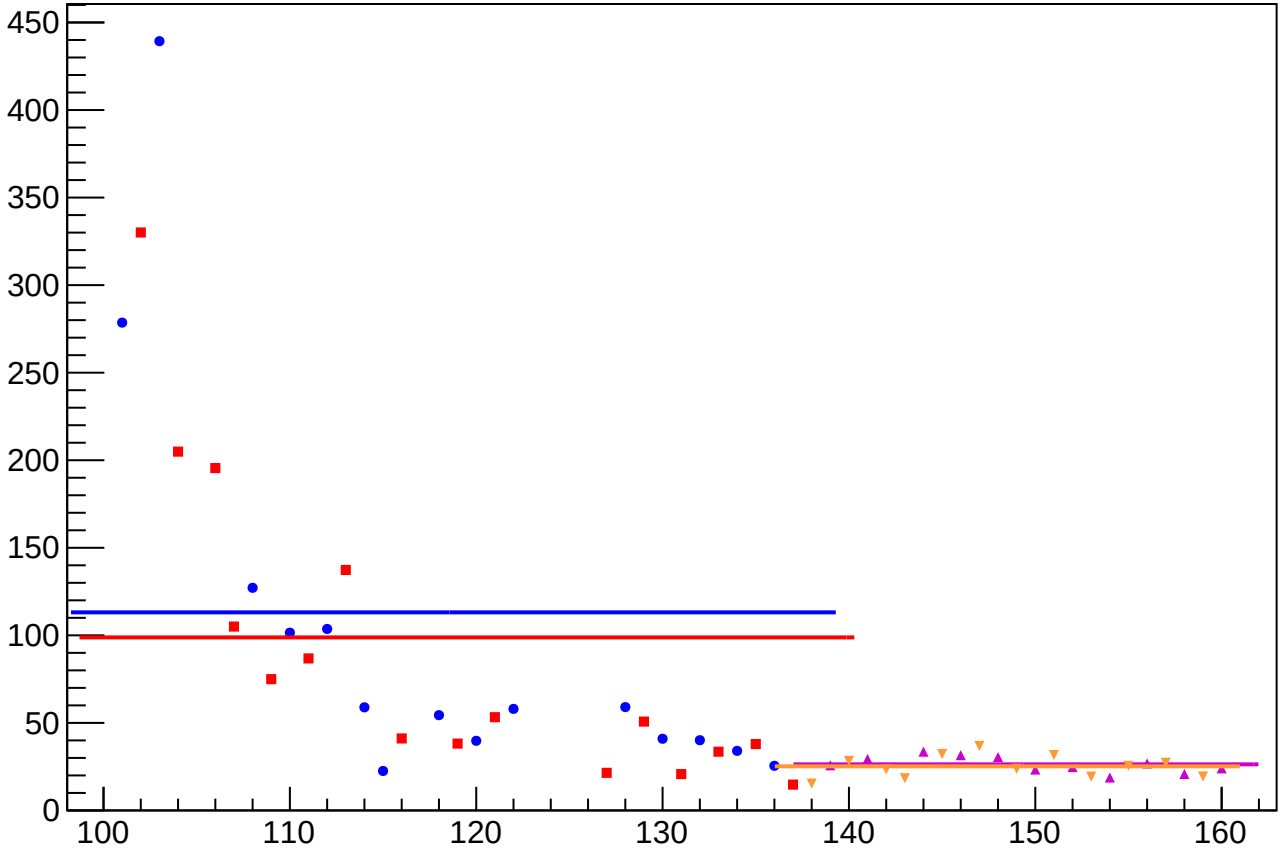
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
+ sign -1405.071+/-0.000 χ^2/NDF: 1654286779746
Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11
All: -1409.541+/-0.000 χ^2/NDF: 3496770485
Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15
- sign -1413.933+/-0.000 χ^2/NDF: 1842477513816 0
Left In: -2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 61.715+/-0.000 χ^2/NDF: 1295926094815427

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

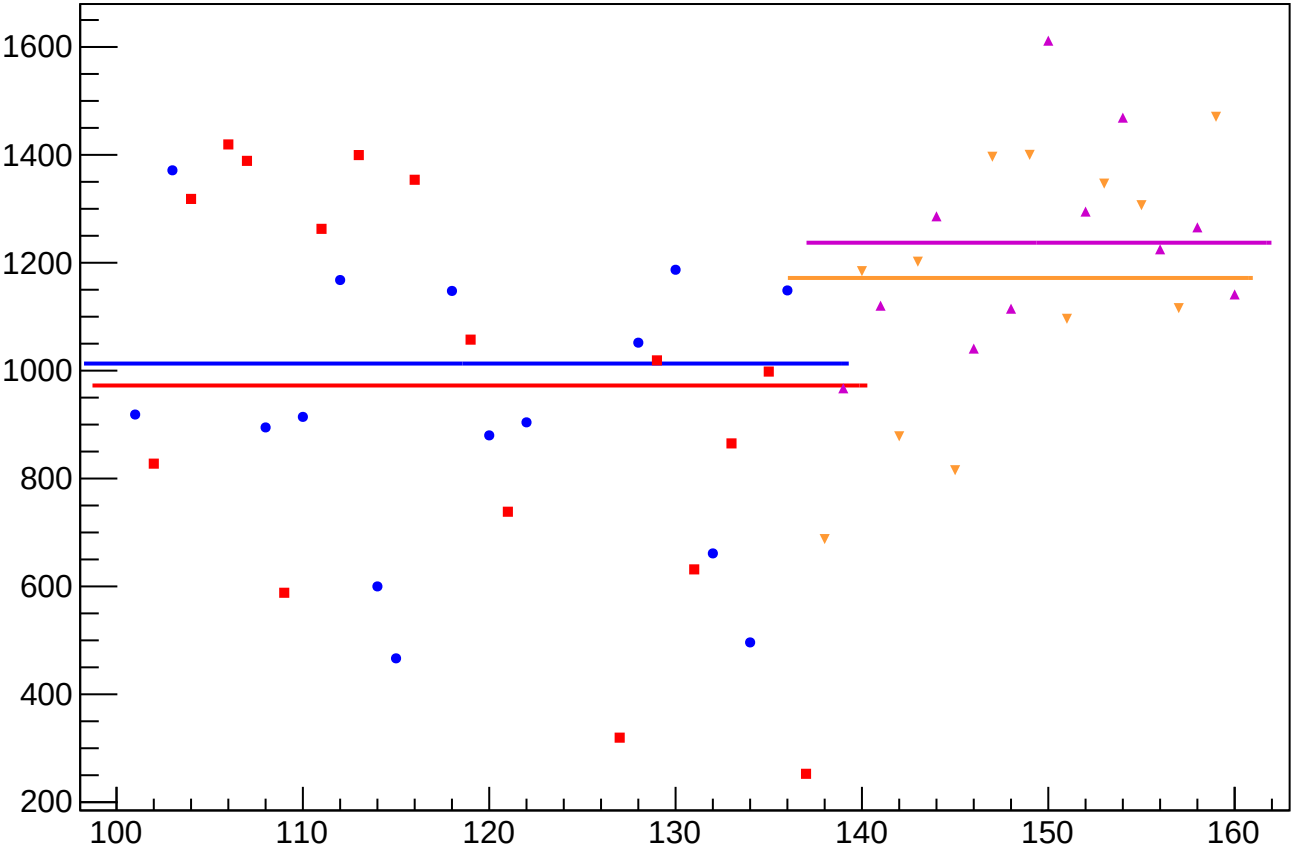
All: 59.198+/-0.000 χ^2/NDF: 205436551836 9

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 56.726+/-0.000 χ^2/NDF: 7564771732797838

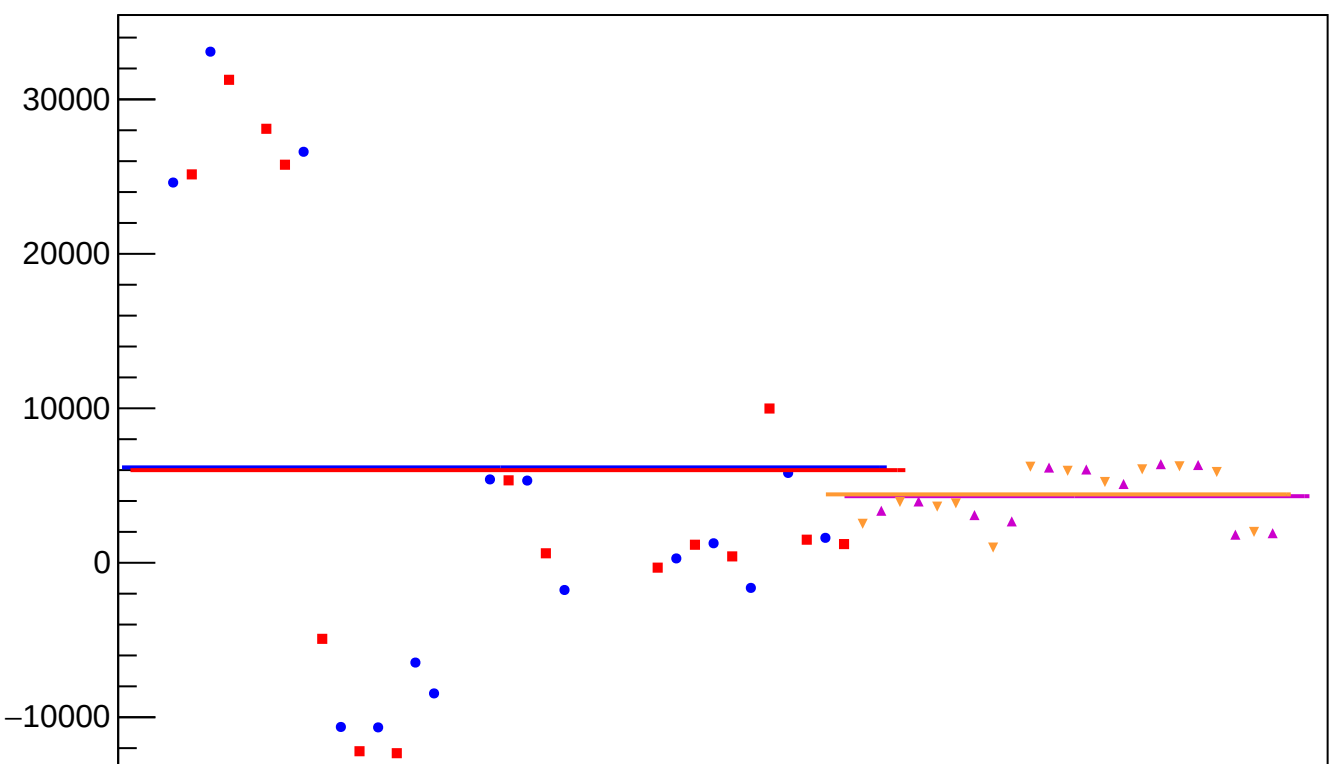
Left In: 26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



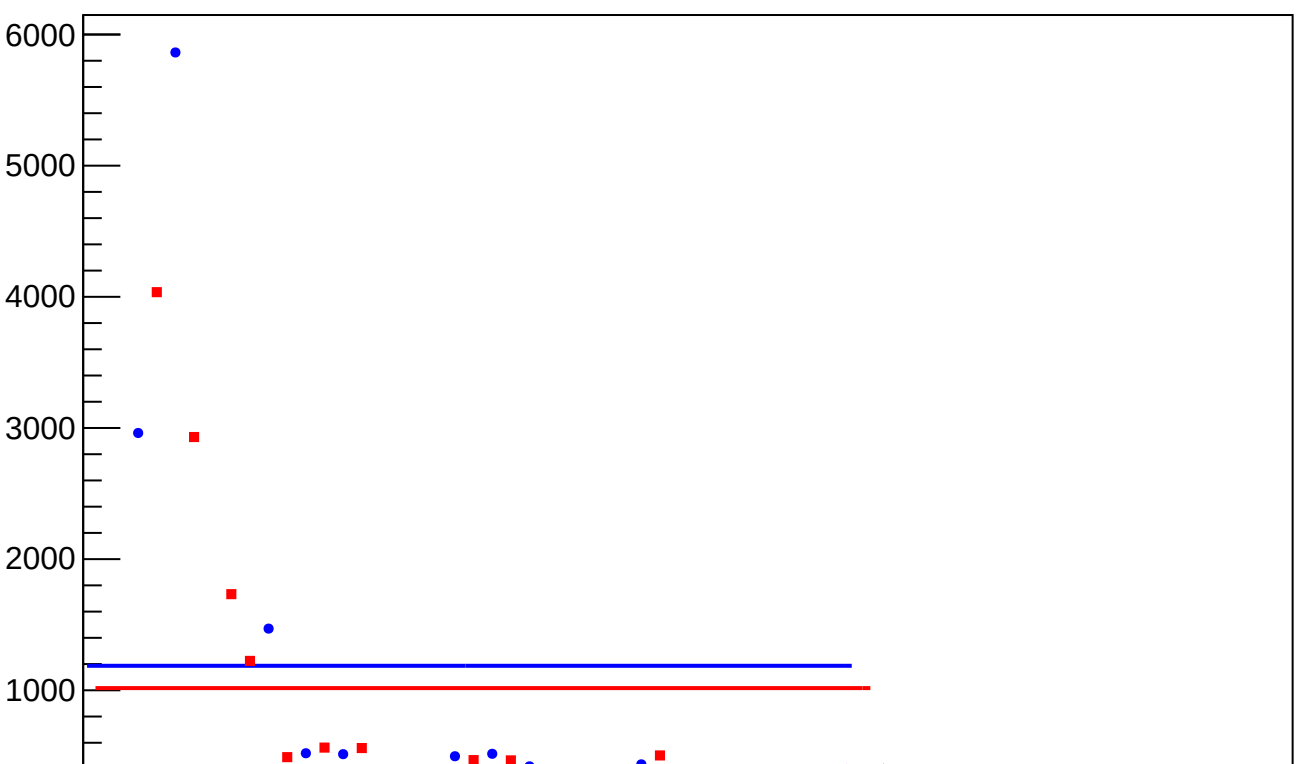
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5153.665+/-0.000 χ^2/NDF: 12131982747999
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
All: 5084.951+/-0.000 χ^2/NDF: 2621808005 2
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568 12800.0/15
- sign 5017.446+/-0.000 χ^2/NDF: 14084634301440
Left In: 4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 643.246+/-0.000 χ^2/NDF: 212720083388662

Left Out: 257.255+/-0.000 χ^2/NDF:278125360146566915786368724948431667 2.0/11

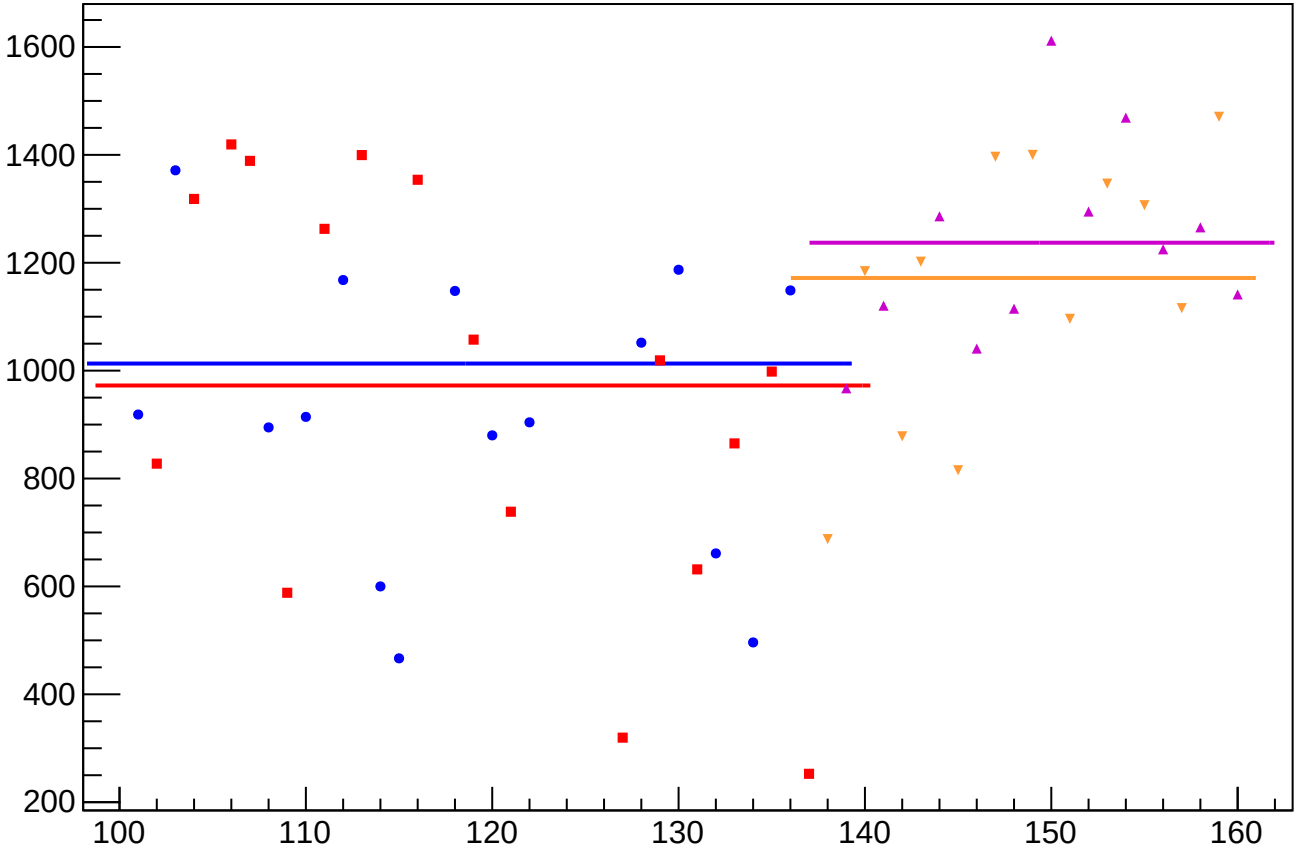
All: 612.442+/-0.000 χ^2/NDF: 328051716192

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

- sign 582.179+/-0.000 χ^2/NDF: 115037612749111

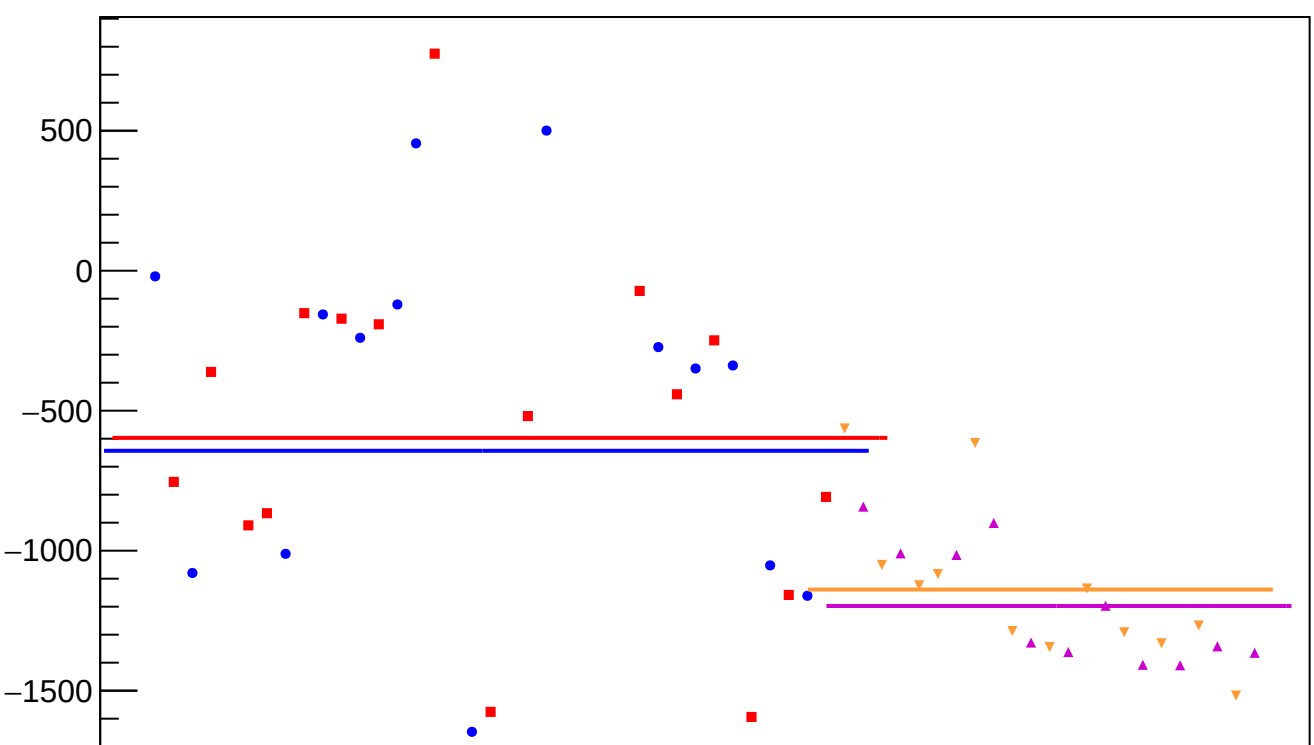
Left In: 268.493+/-0.000 χ^2/NDF:585573497570654782355660796638684774 4.0/10

dit_sam2_coil6_Ndata_mean vs Slug



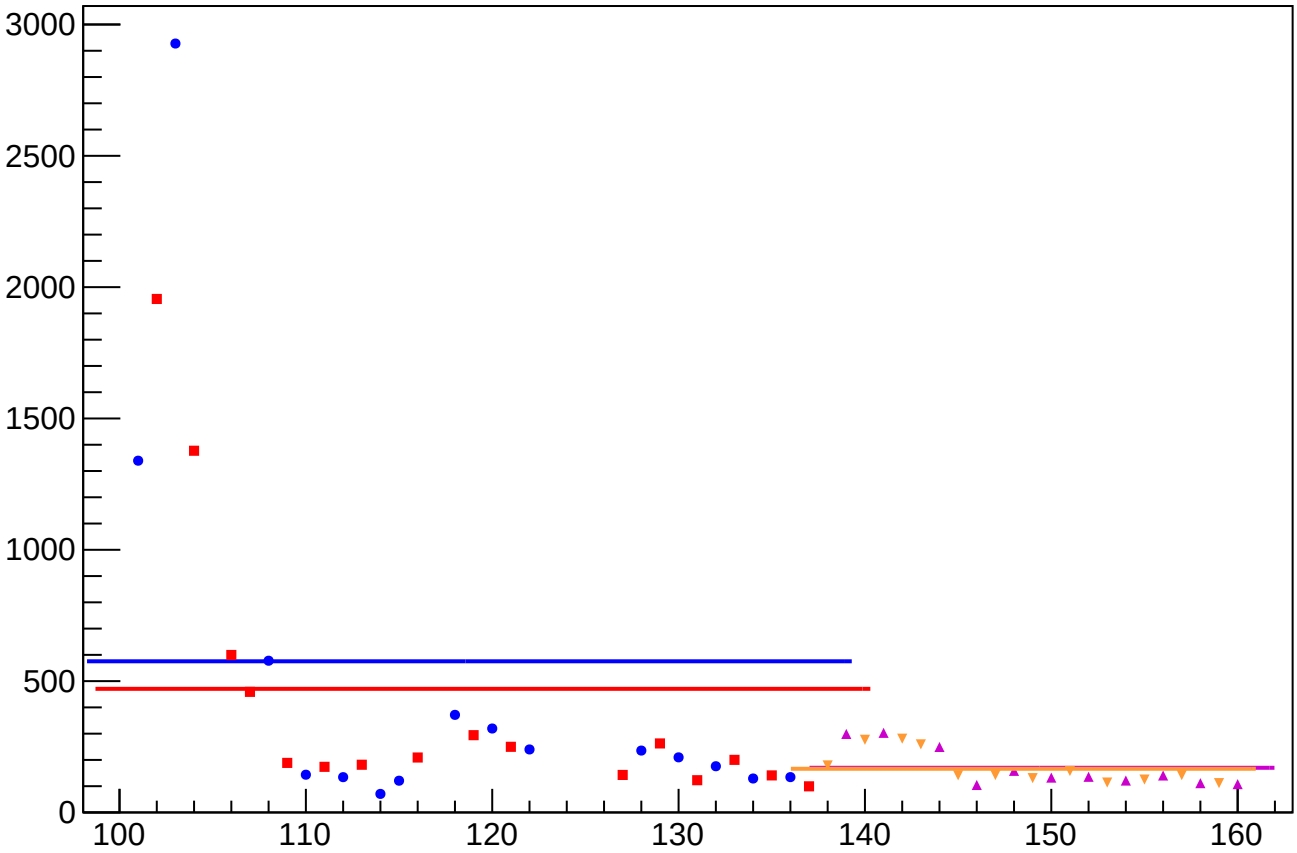
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14
+ sign -932.996+/-0.000 χ^2/NDF: 43692805722802
Left Out: -1138.759+/-0.000 χ^2/NDF:710061859534242542705907917181702635 52.0/11
All: -939.440+/-0.000 χ^2/NDF: 8260825249 9
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053 76512.0/15
- sign -945.770+/-0.000 χ^2/NDF: 38902582155876 0
Left In: -1197.503+/-0.000 χ^2/NDF:3862472221415609611027105702390666 36288.0/10

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

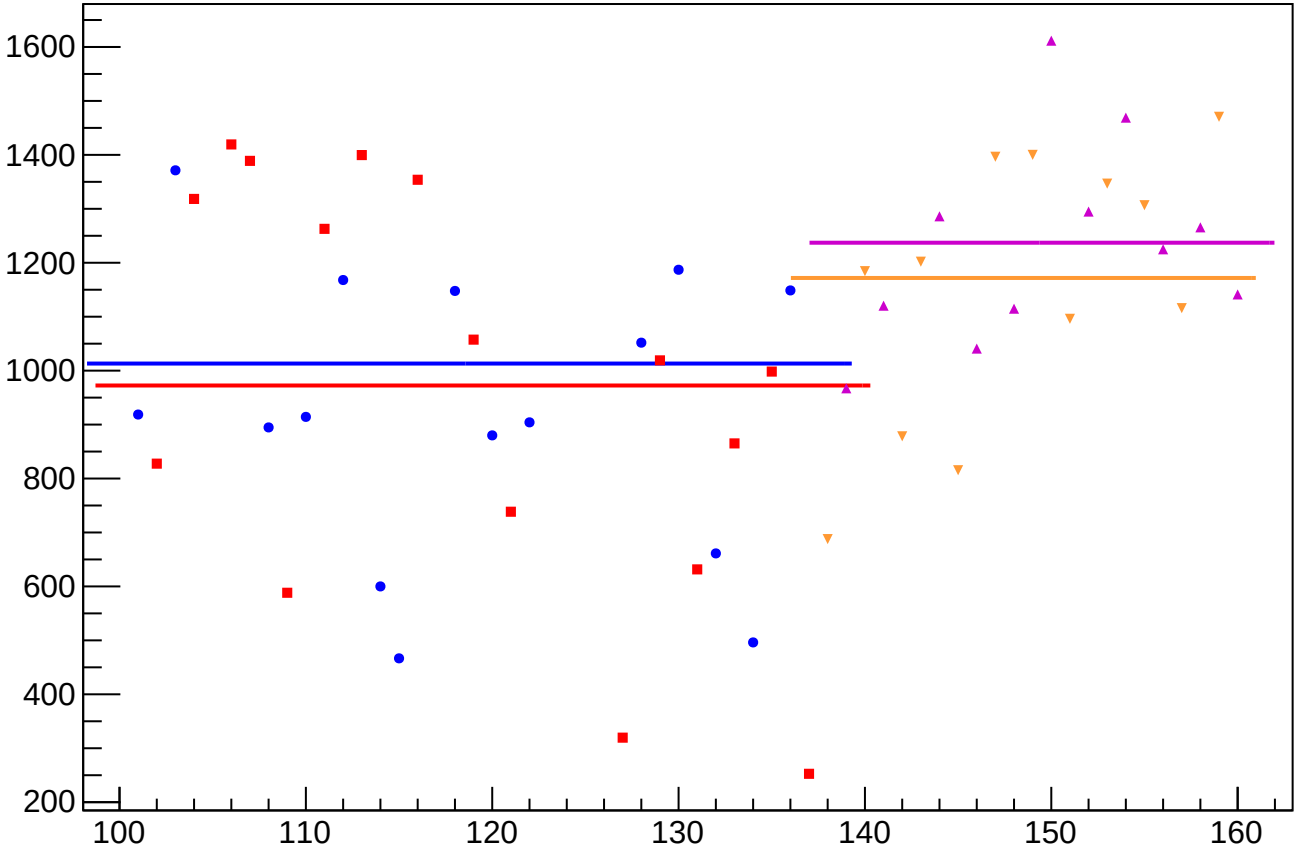
Left In: 170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10

+ sign 336.257+/-0.000 χ^2/NDF: 499270475269907

All: 316.009+/-0.000 χ^2/NDF: 749713374727

- sign 296.118+/-0.000 χ^2/NDF: 249172631287531

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

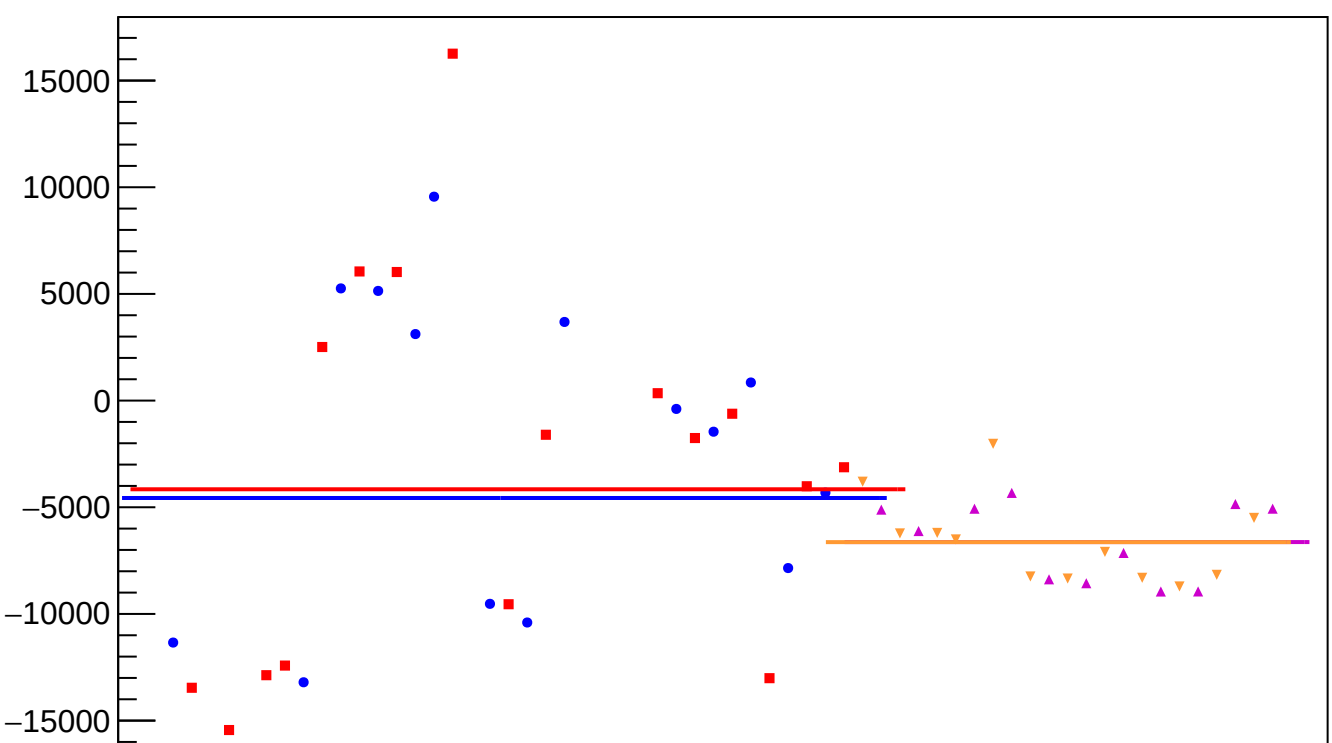
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Left Out: -6634.457+/-0.000 χ^2/NDF:3640150880403299784339543756995645407232.0/11

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

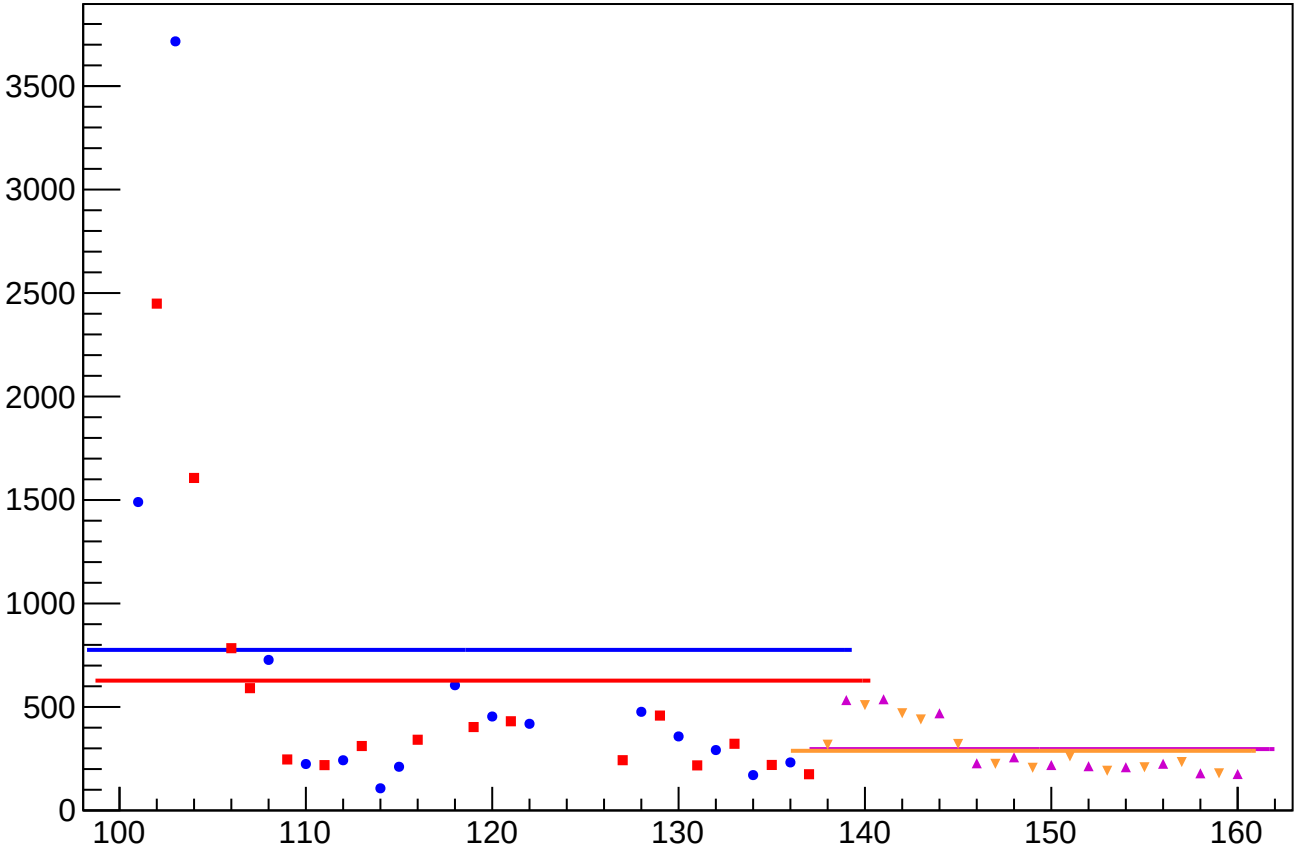
Left In: -6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10

+ 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: 5074256509623 8

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:1060734921843509529640037672872522547 2.0/11

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

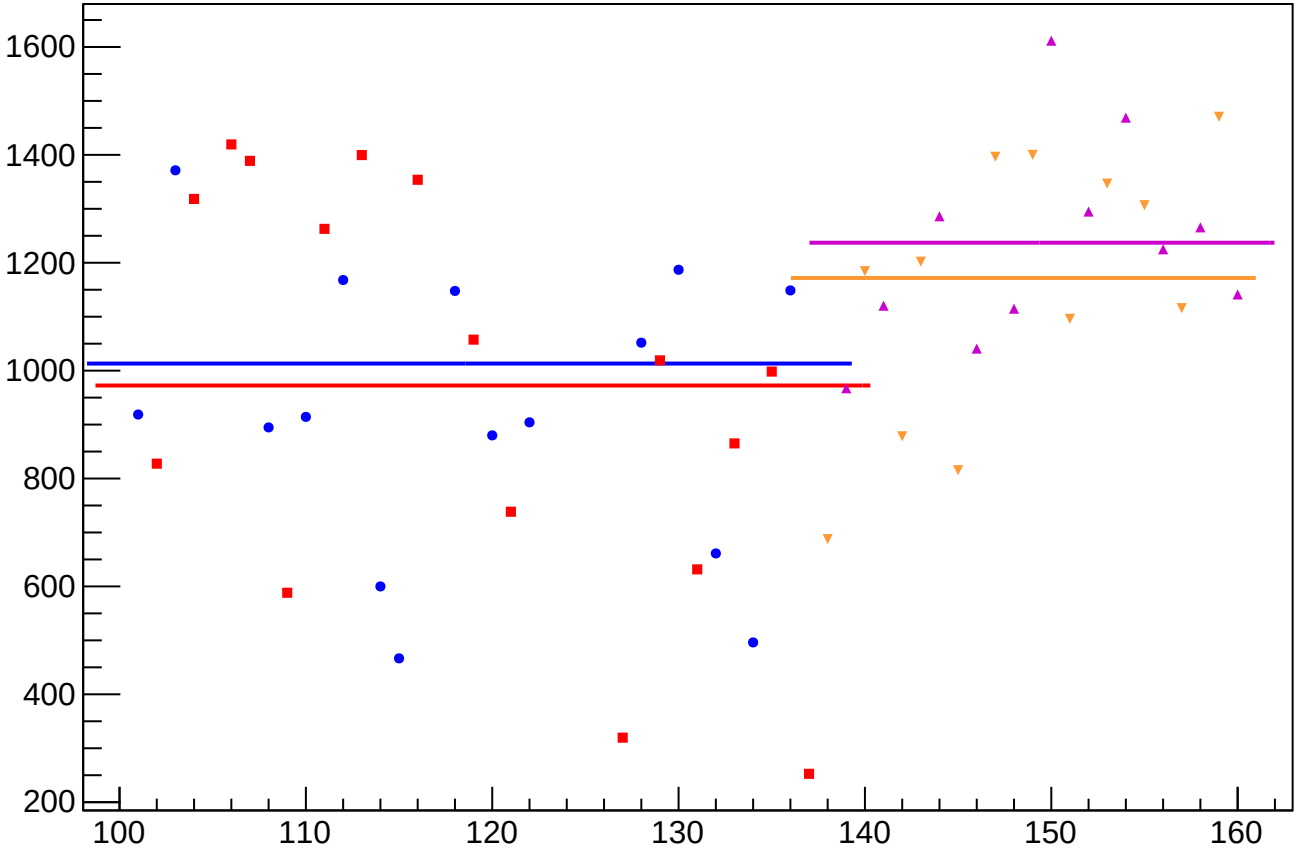
Left In: 296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

+ sign 490.690+/-0.000 χ^2/NDF: 74269533494512 1

All: 462.697+/-0.000 χ^2/NDF: 11020925146 8

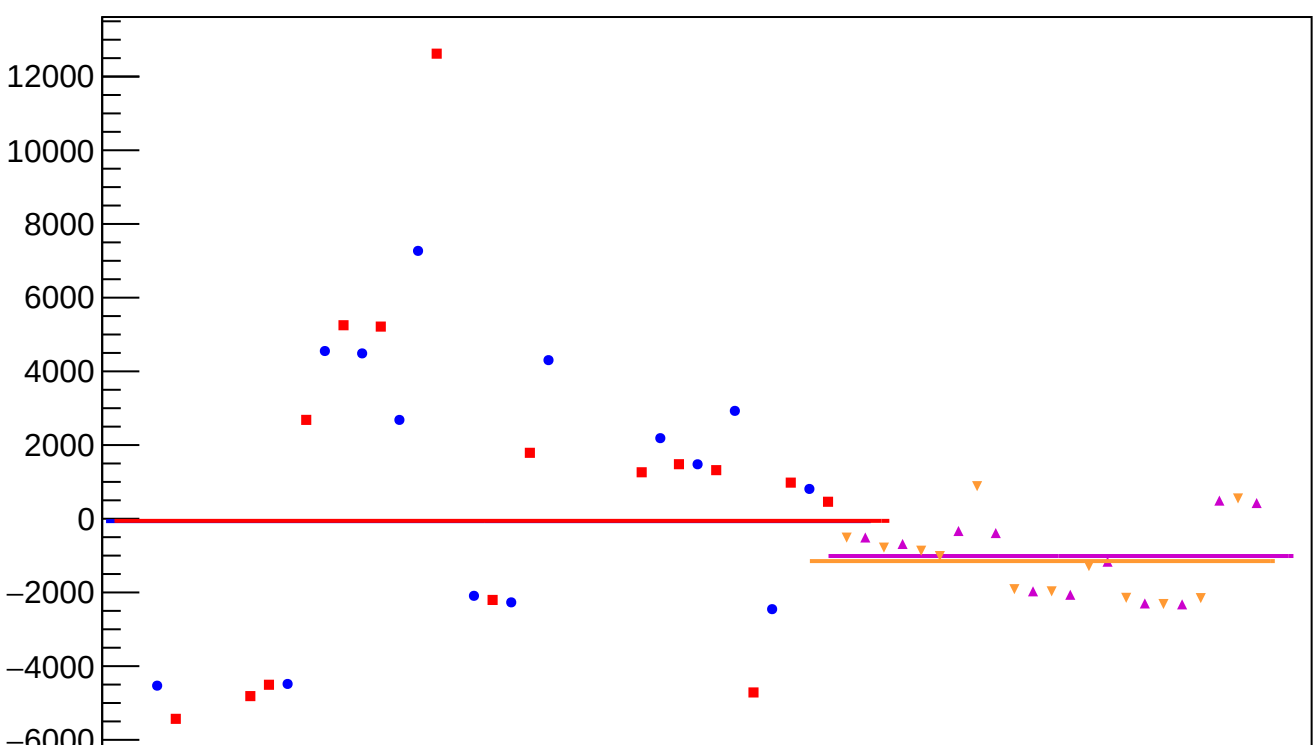
- sign 435.197+/-0.000 χ^2/NDF: 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



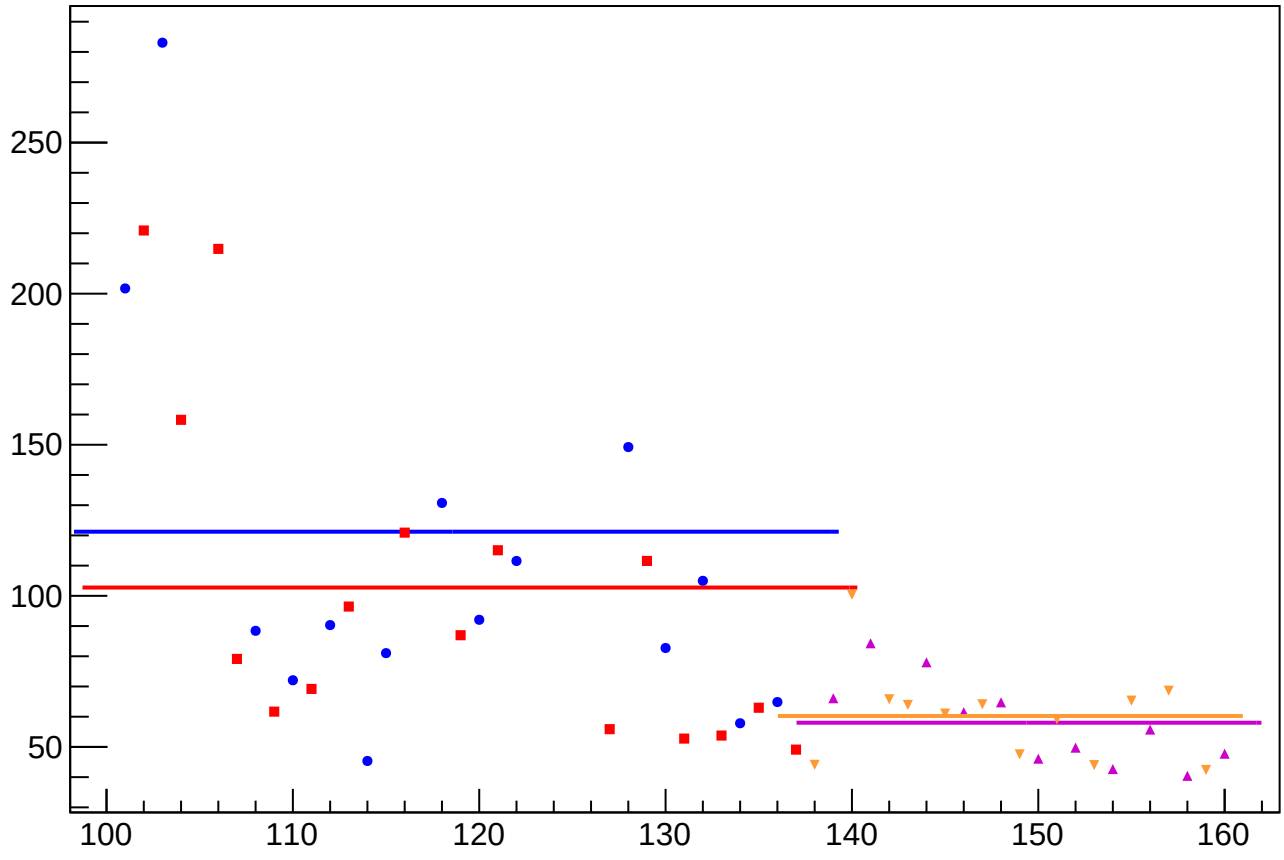
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
+ sign -698.812+/-0.000 χ^2/NDF: 11037797160174
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
All: -654.674+/-0.000 χ^2/NDF: 2608129590 6
Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15
- sign -611.312+/-0.000 χ^2/NDF: 150374623927280
Left In: -1011.284+/-0.000 χ^2/NDF:90390940842187417173900154315979567923 2.0/10

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 2723170857684362574800637594861305856.0/14

+ sign 85.563+/-0.000 χ^2/NDF: 435992167216224

Left Out: 60.239+/-0.000 χ^2/NDF:2251025544910328695487978455003299 84.0/11

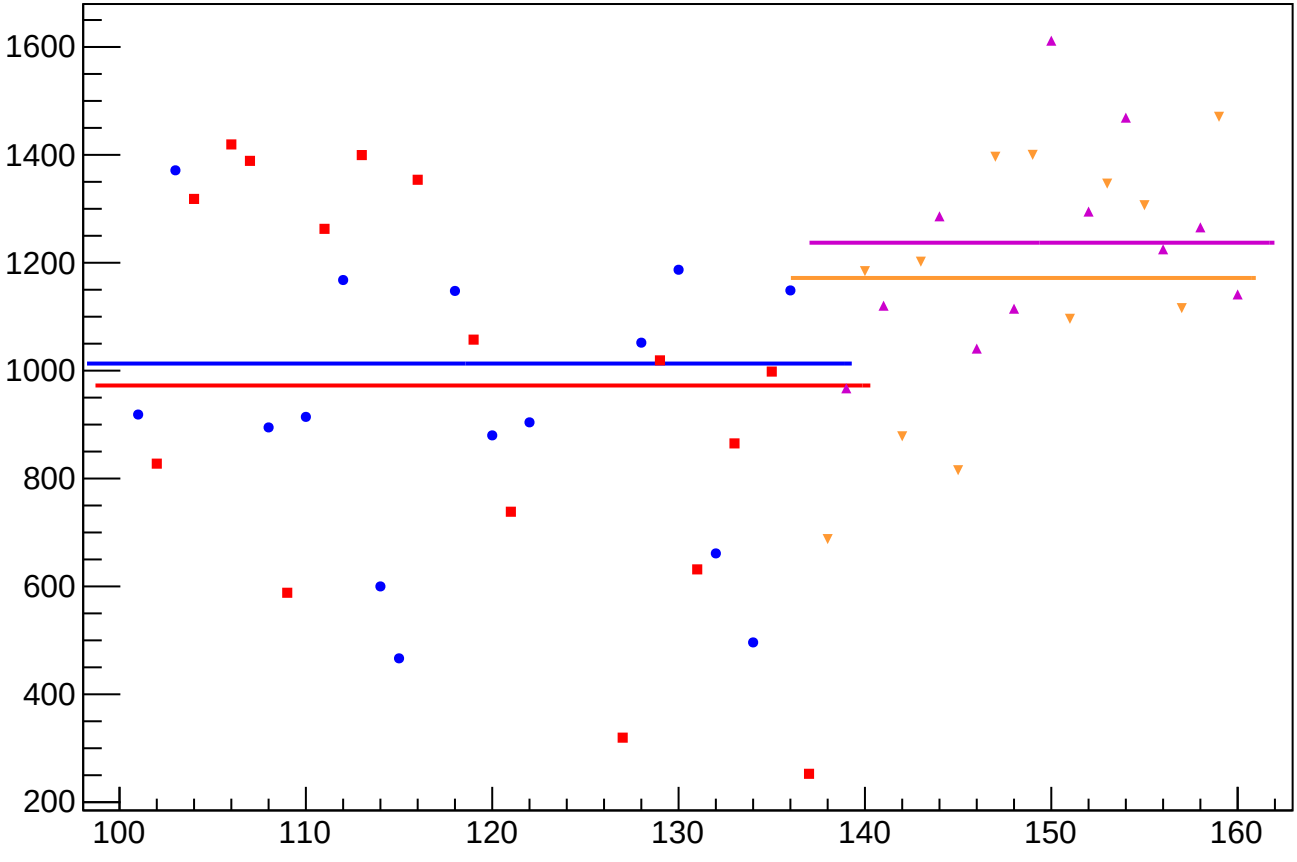
All: 81.126+/-0.000 χ^2/NDF: 734136660562

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591 8336.0/15

- sign 76.766+/-0.000 χ^2/NDF: 292042974501347 5

Left In: 58.011+/-0.000 χ^2/NDF:1774277017865404387576550272144506 88.0/10

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

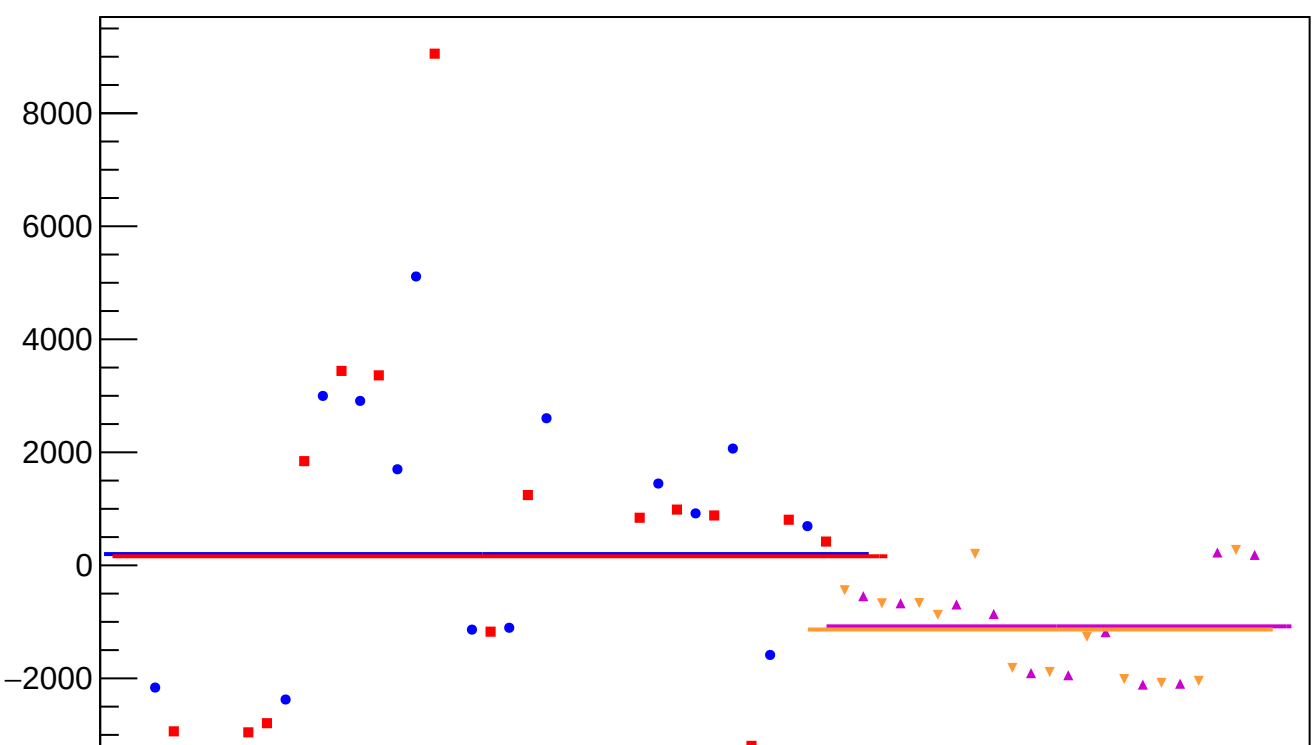
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

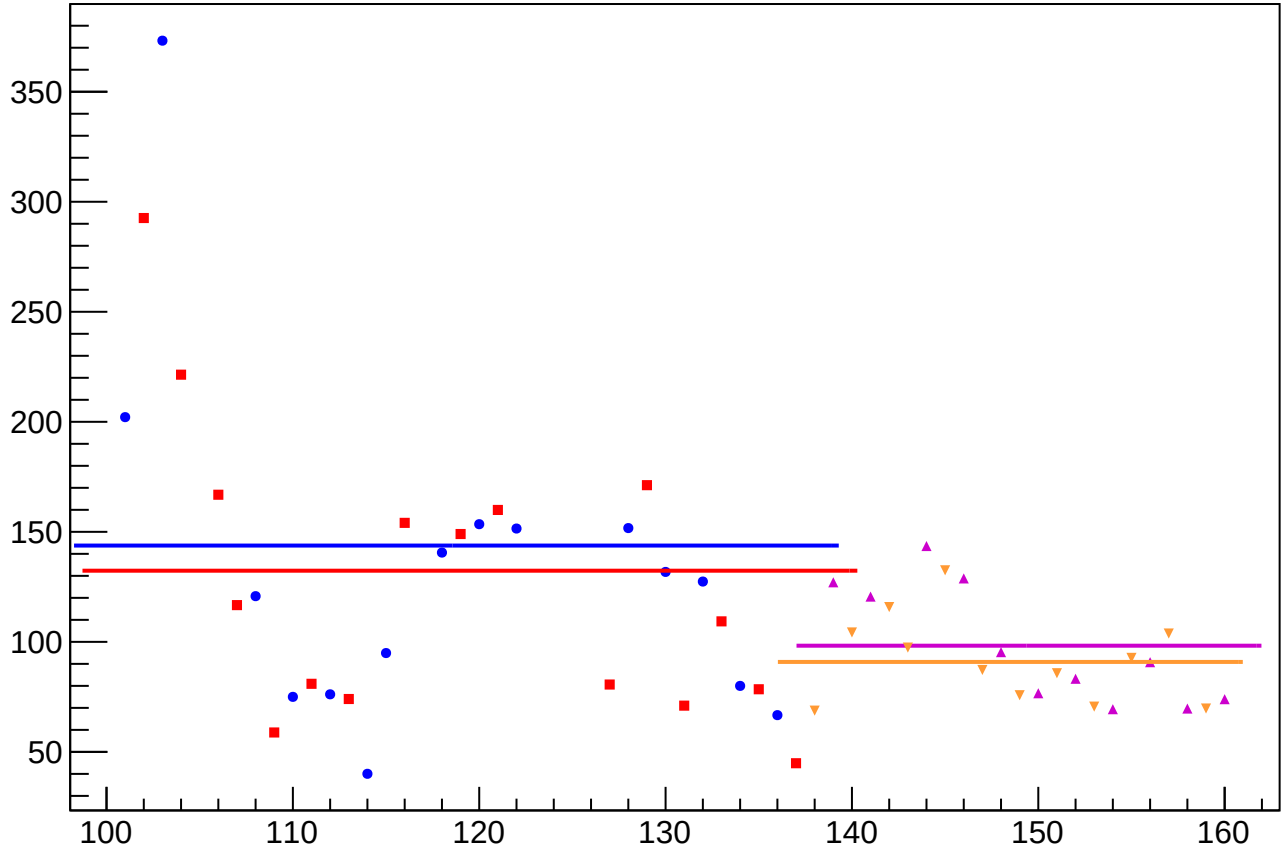
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -581.144+/-0.000 χ^2/NDF: 45992004244900
Left Out: -1135.455+/-0.000 χ^2/NDF:654697592596579349133010058178925166592.0/11
All: -570.315+/-0.000 χ^2/NDF: 1149056147 6
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149 3376.0/15
- sign -559.678+/-0.000 χ^2/NDF: 68909977403524 0
Left In: -1079.555+/-0.000 χ^2/NDF:614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 112.840+/-0.000 χ^2/NDF: 590235067464096

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

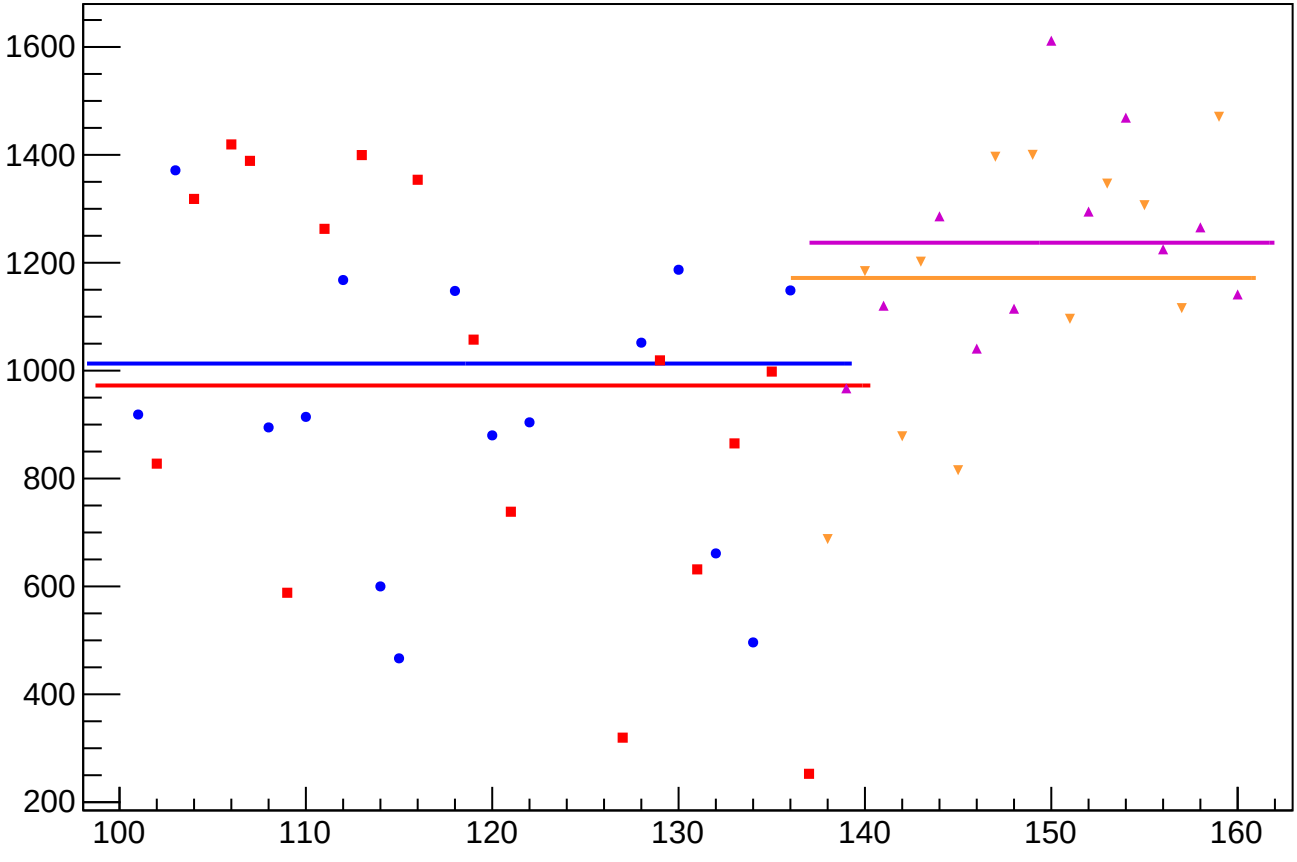
All: 112.691+/-0.000 χ^2/NDF: 10147510778 3

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 112.546+/-0.000 χ^2/NDF: 424509210993955

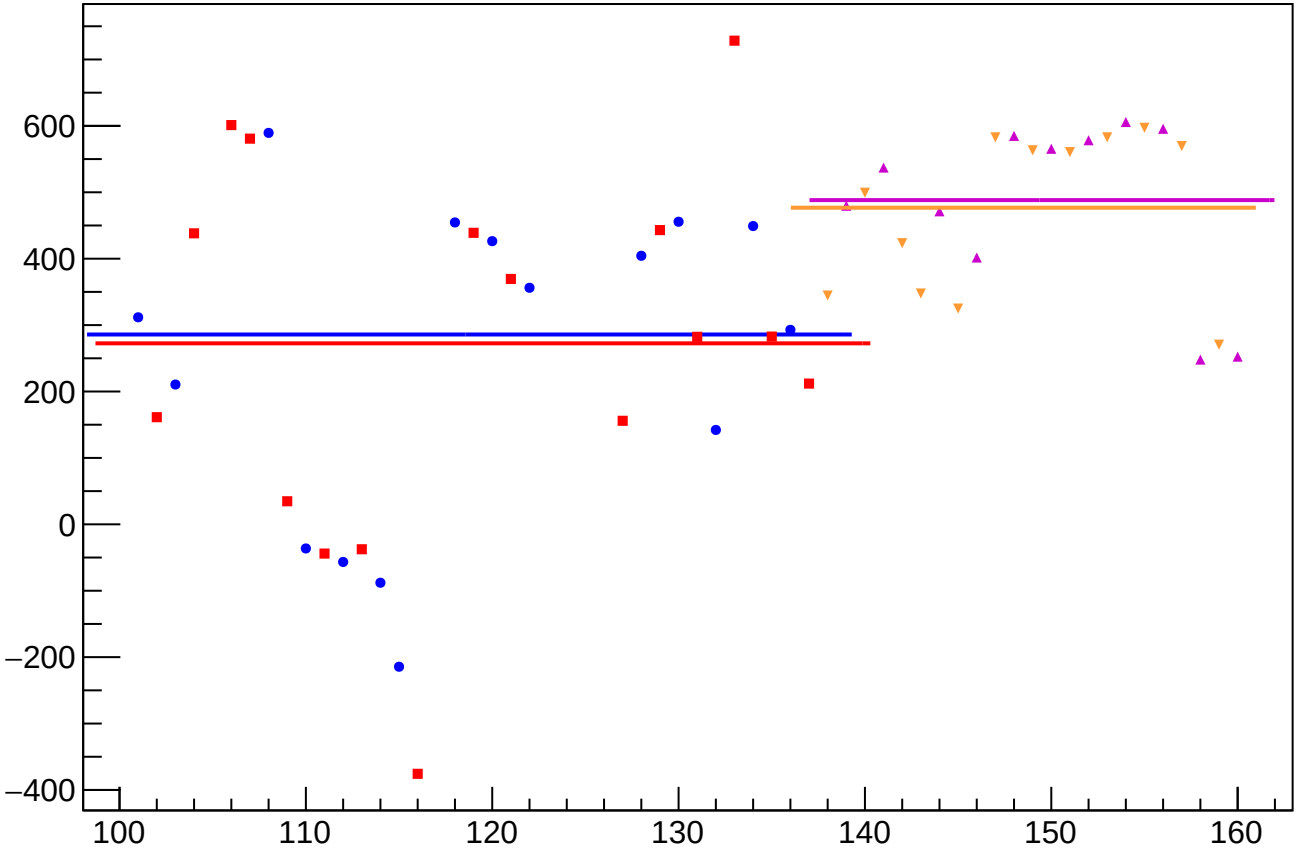
Left In: 98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left Out: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

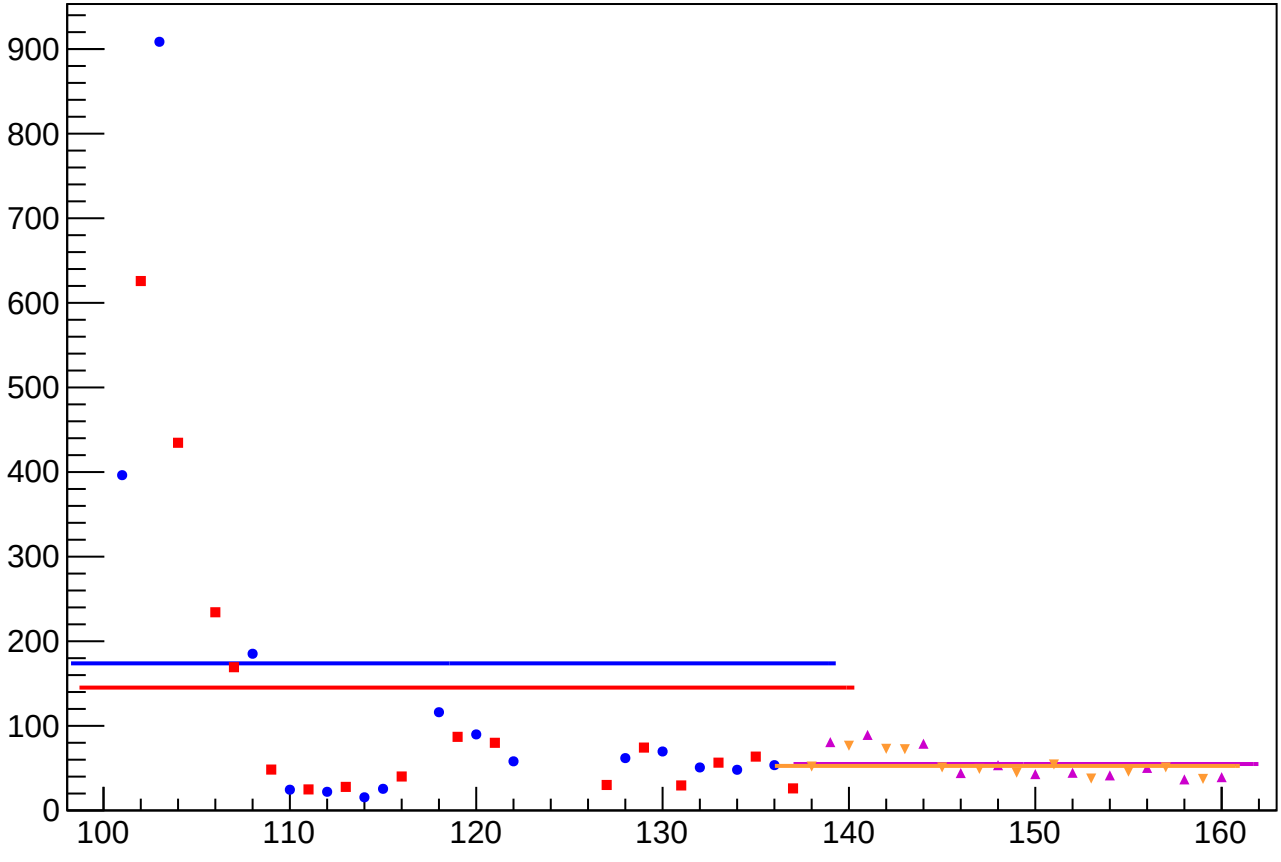
Left In: 488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

+ sign 397.512+/-0.000 χ^2/NDF: 506405806110630

All: 397.652+/-0.000 χ^2/NDF: 12663659867 3

- 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:1401594233858879766920661675414650 88.0/11

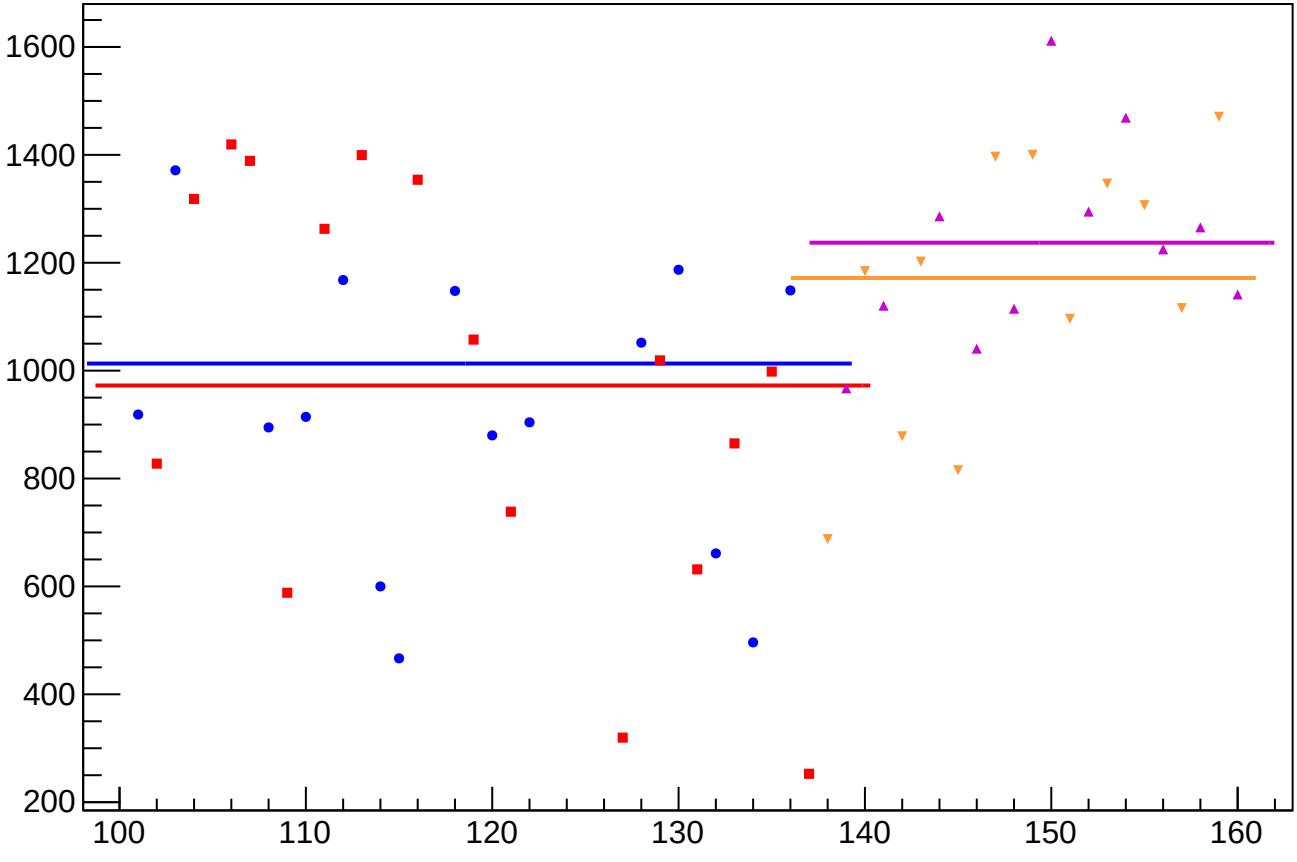
All: 97.830+/-0.000 χ^2/NDF: 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF: 2599123168114386

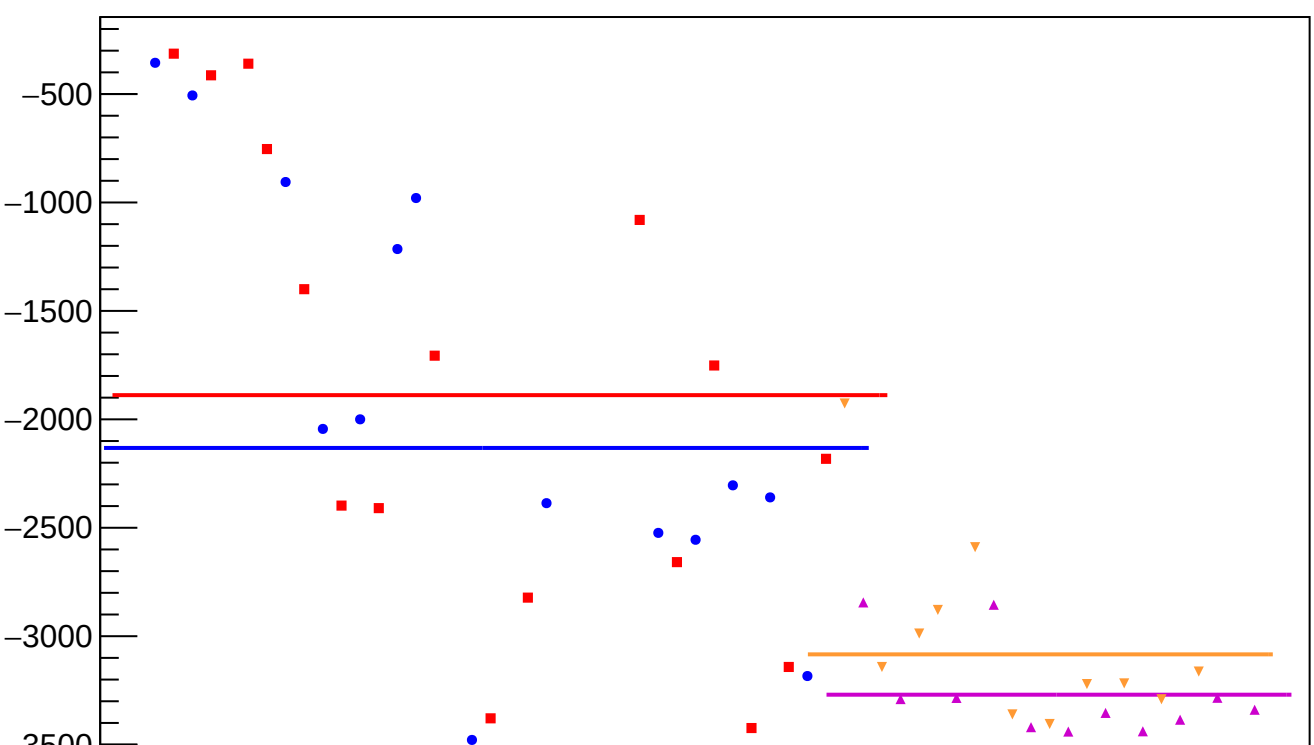
Left In: 54.891+/-0.000 χ^2/NDF:300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

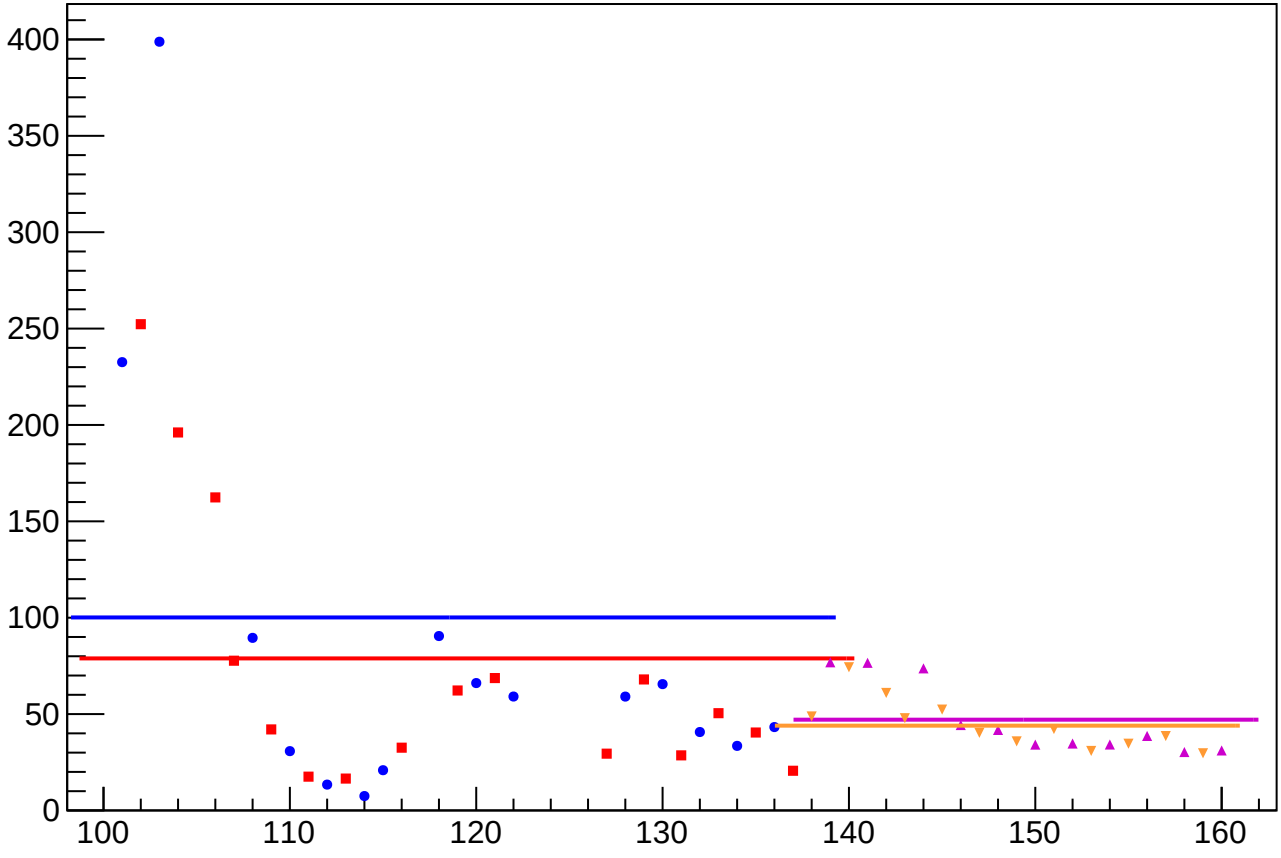
Left In: -3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10

+ 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 8

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 67.306+/-0.000 χ^2/NDF: 9154119203552440

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

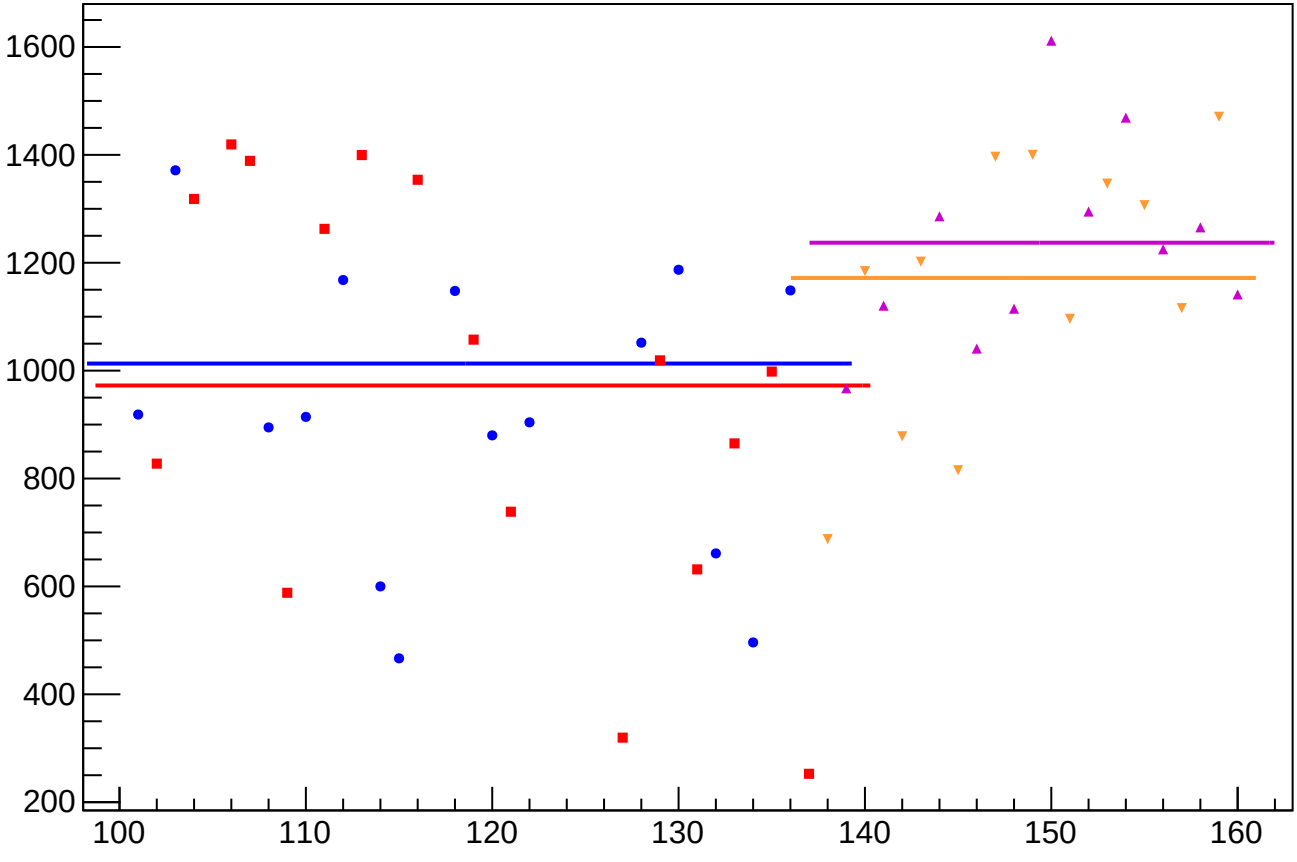
All: 63.832+/-0.000 χ^2/NDF: 1341063315555

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 60.419+/-0.000 χ^2/NDF: 4219125097072467

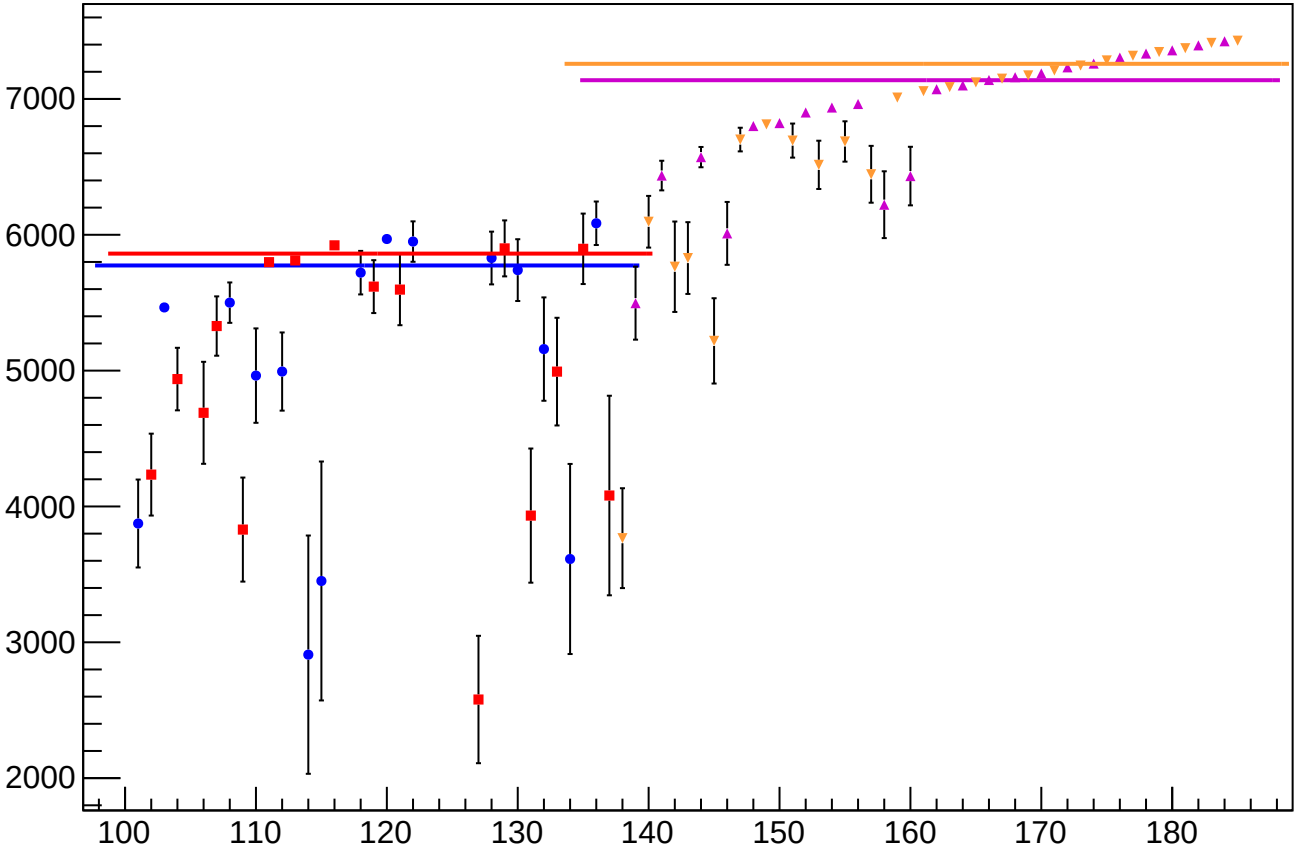
Left In: 47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028 00128.0/10

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_run_mean 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

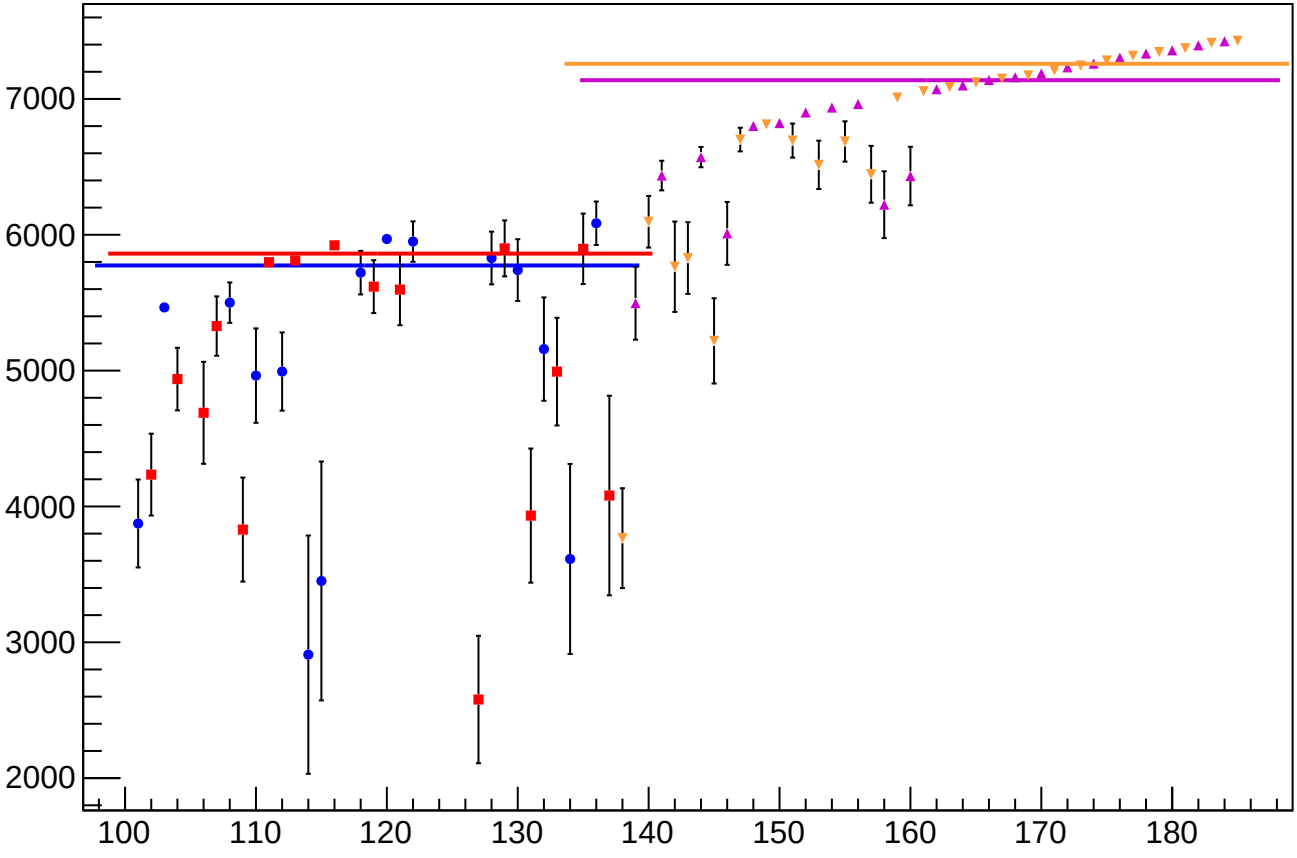
Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ 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_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

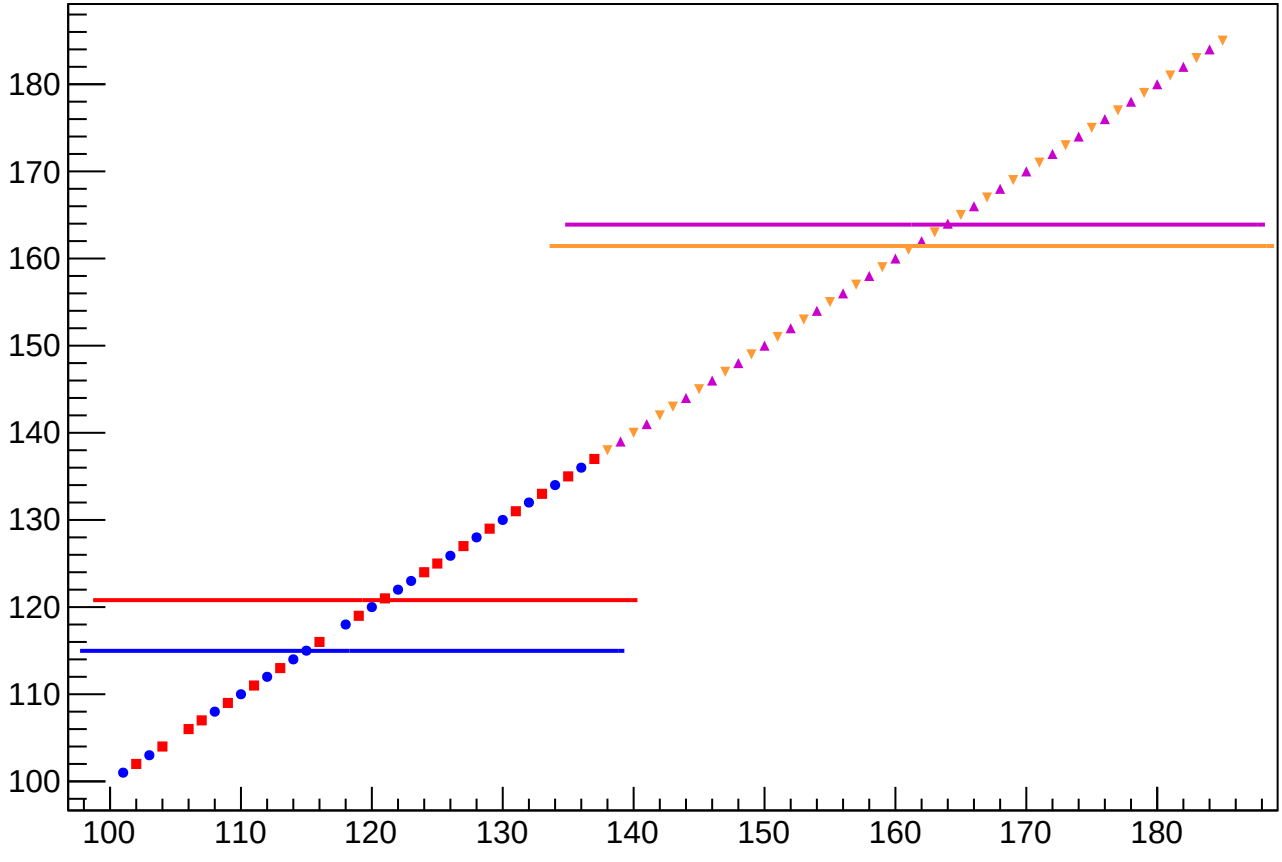
Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ 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:1443514150867720869199862059499 52.0/24

Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

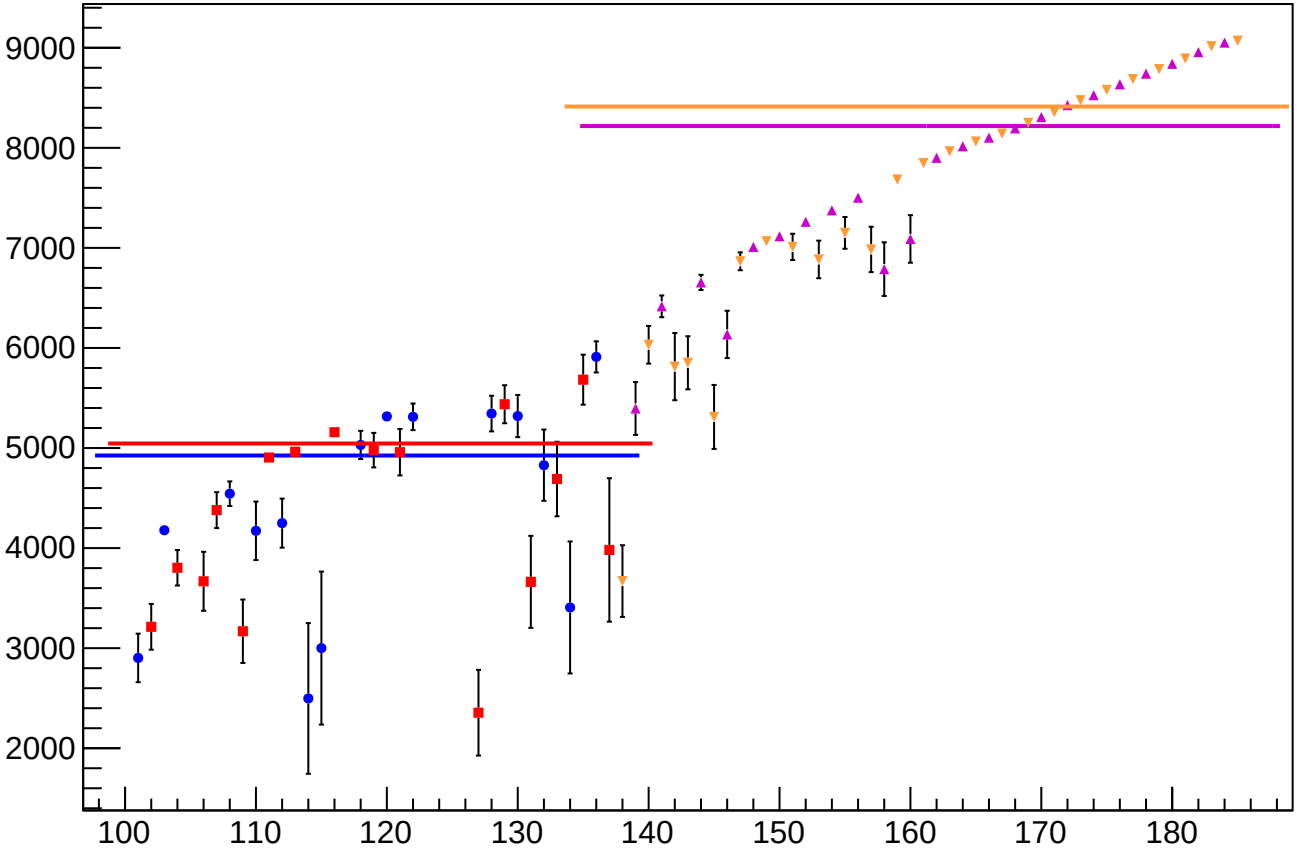
Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

+ sign 133.483+/-0.000 χ^2/NDF: 15251603056837 1

All: 139.354+/-0.000 χ^2/NDF: 2993014265 27

- sign 145.590+/-0.000 χ^2/NDF: 129353472103461

dit_cyclenum_mean 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

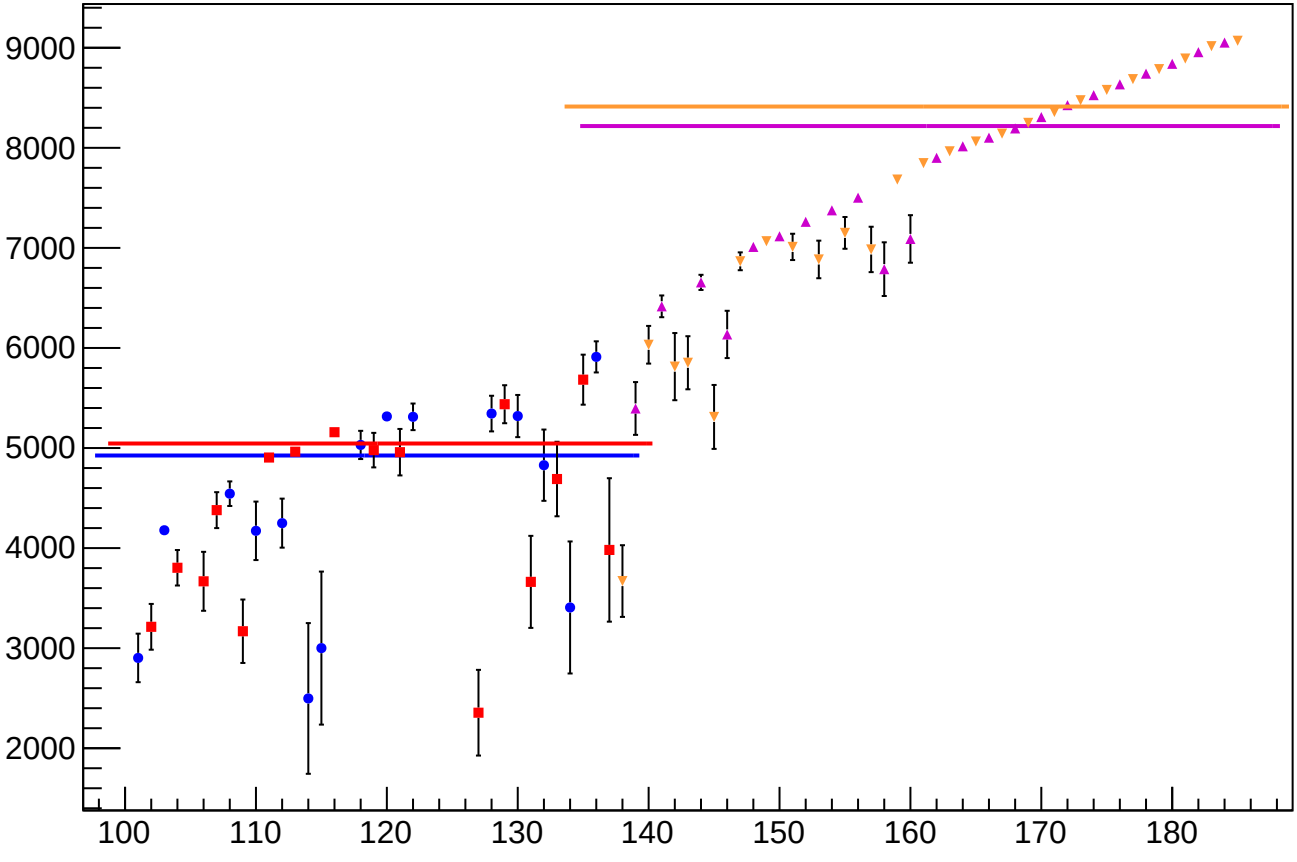
Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ 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_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

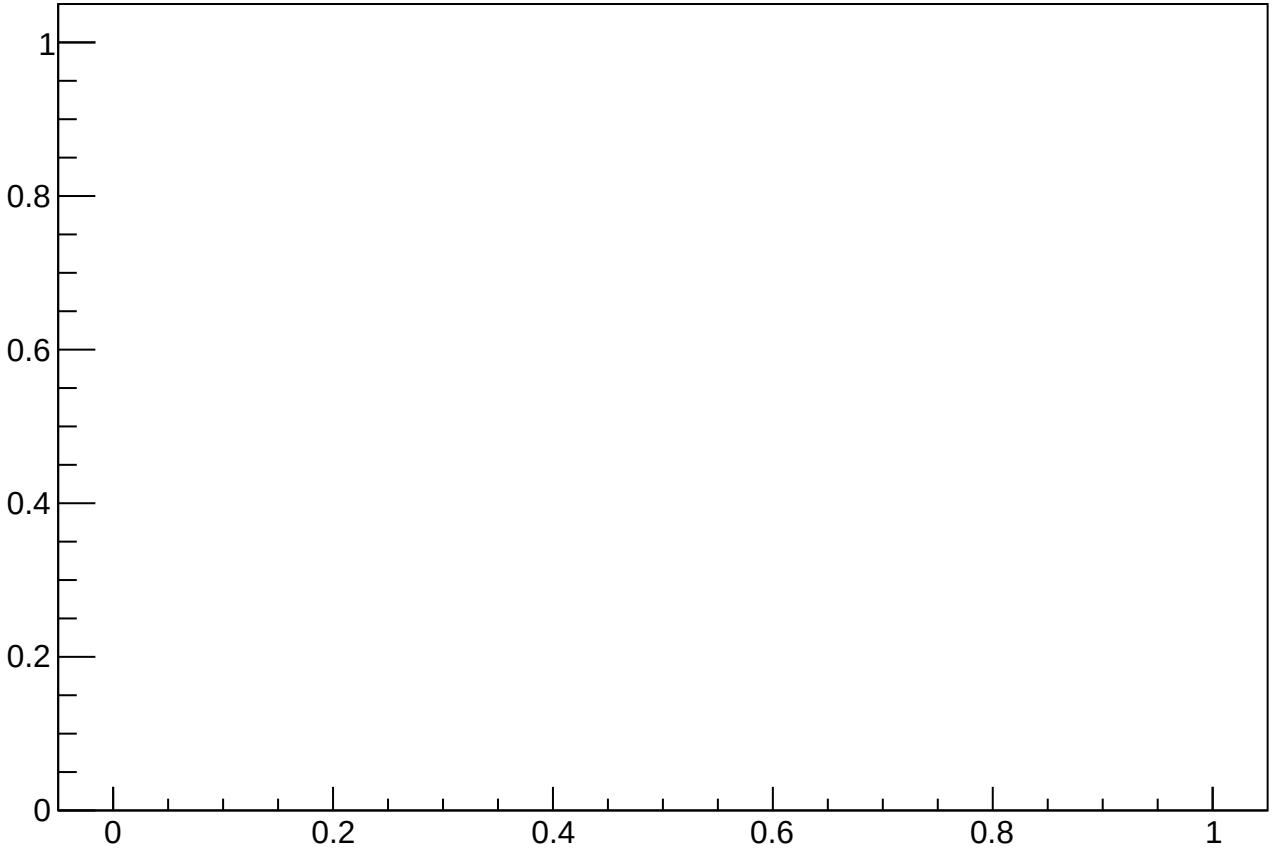
Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ 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

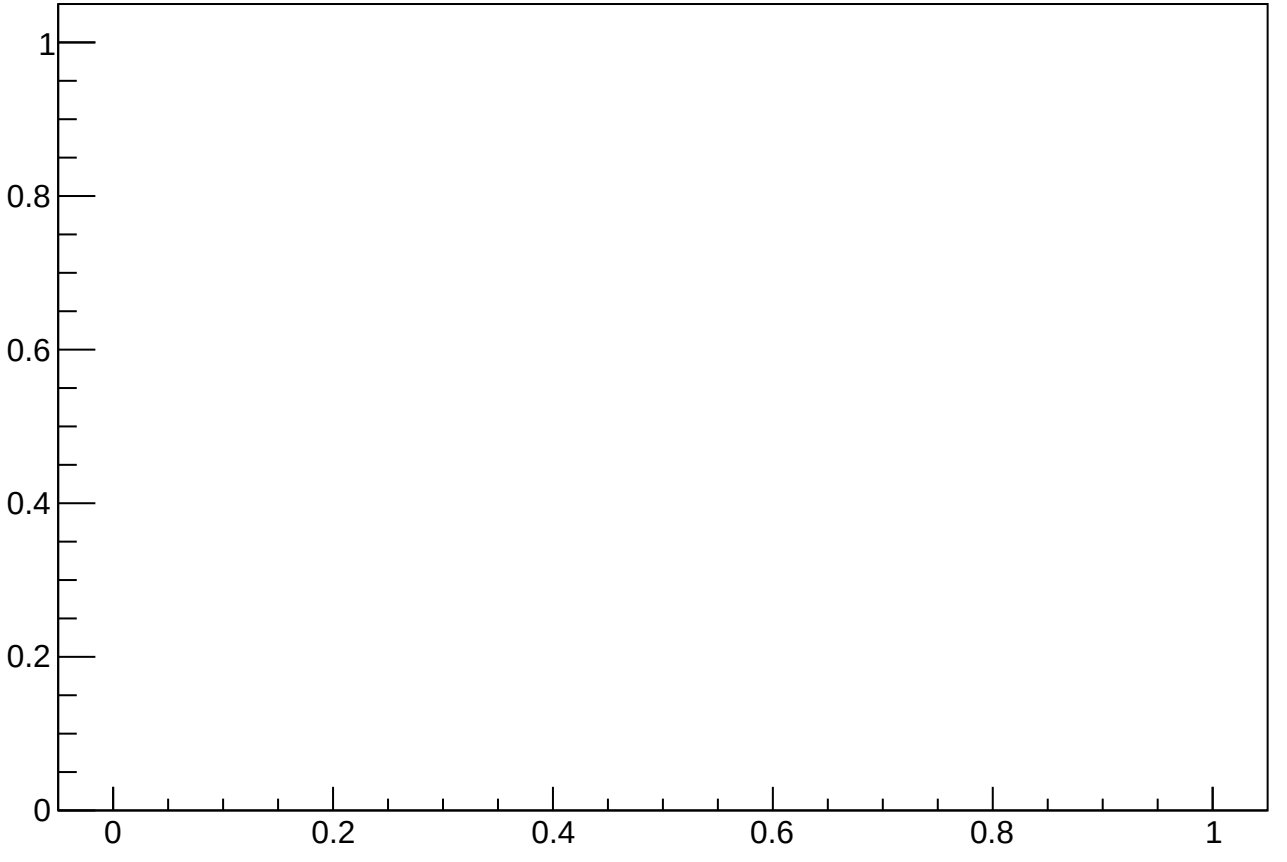
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

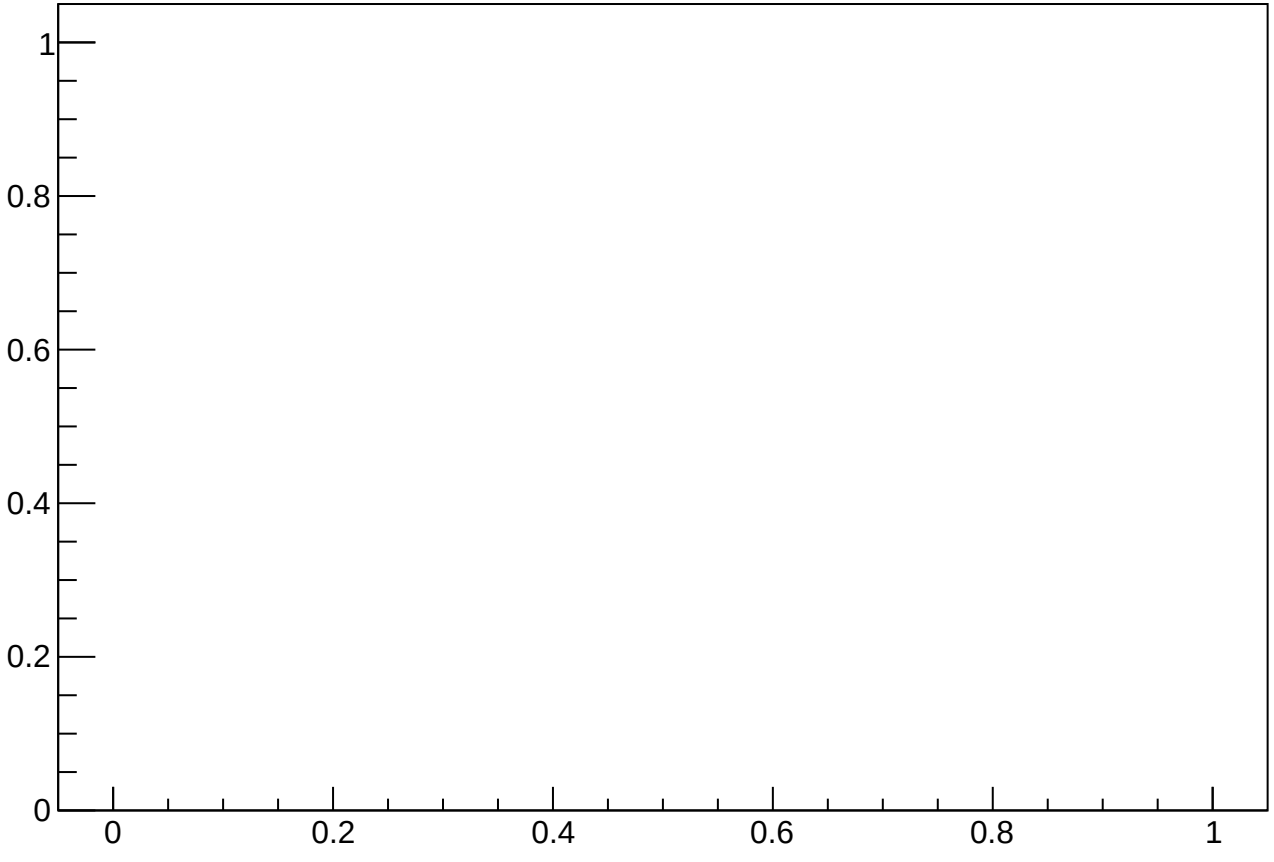
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

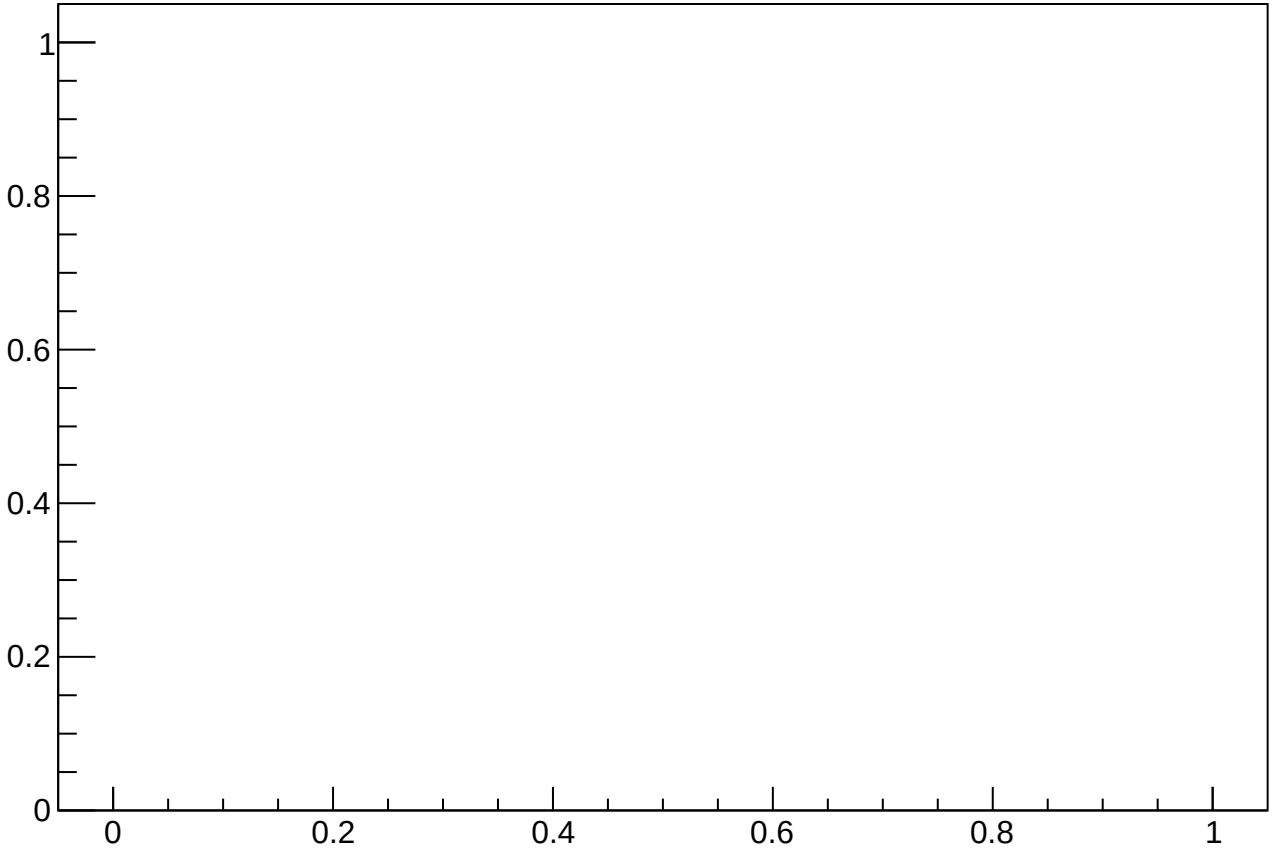
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

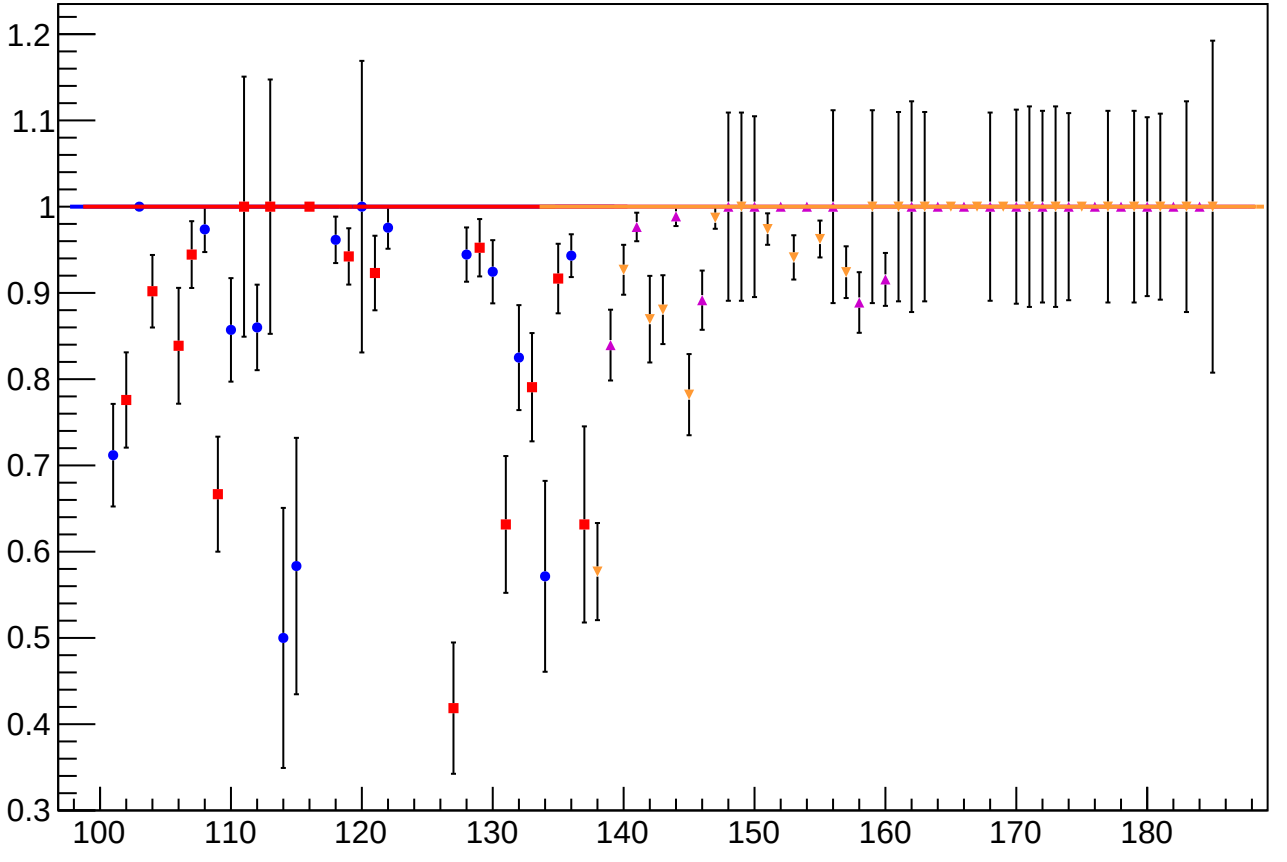
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

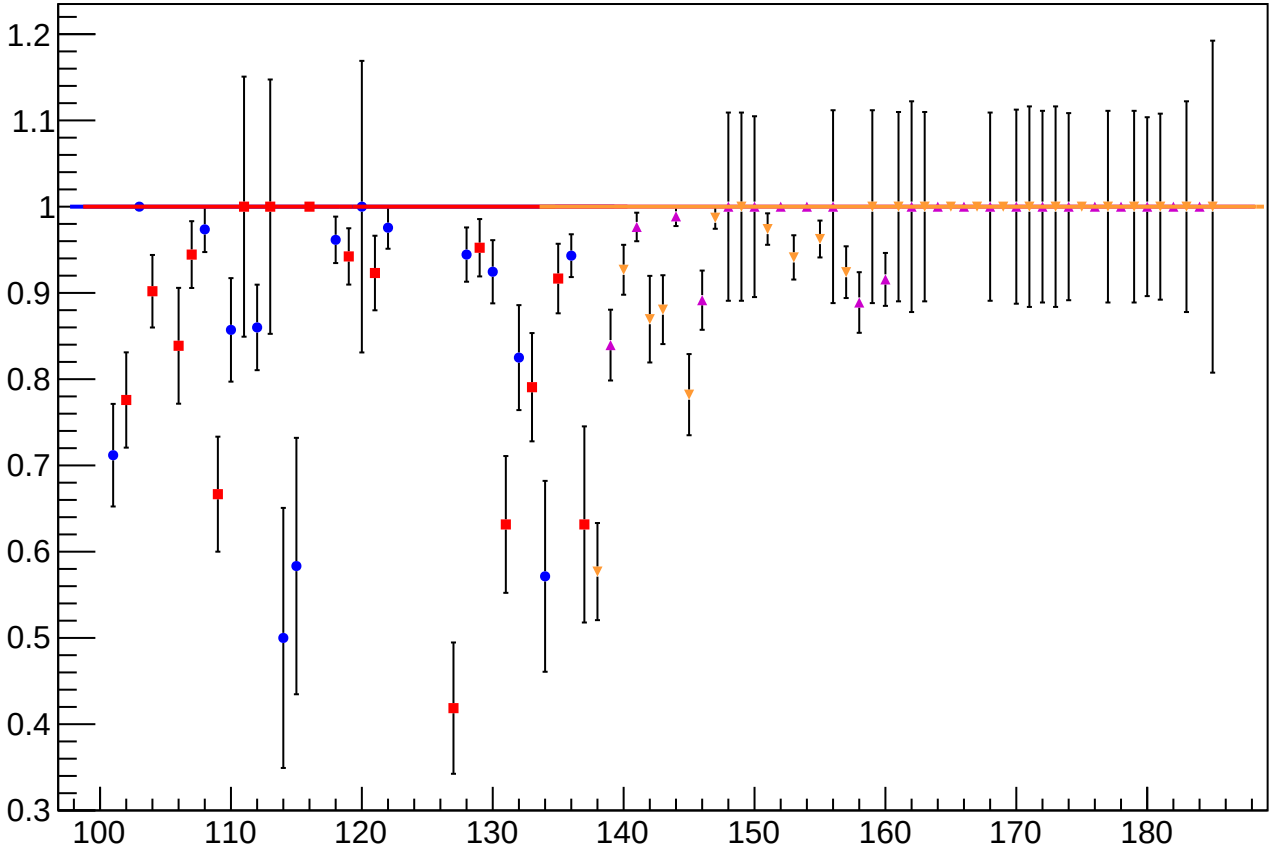
Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

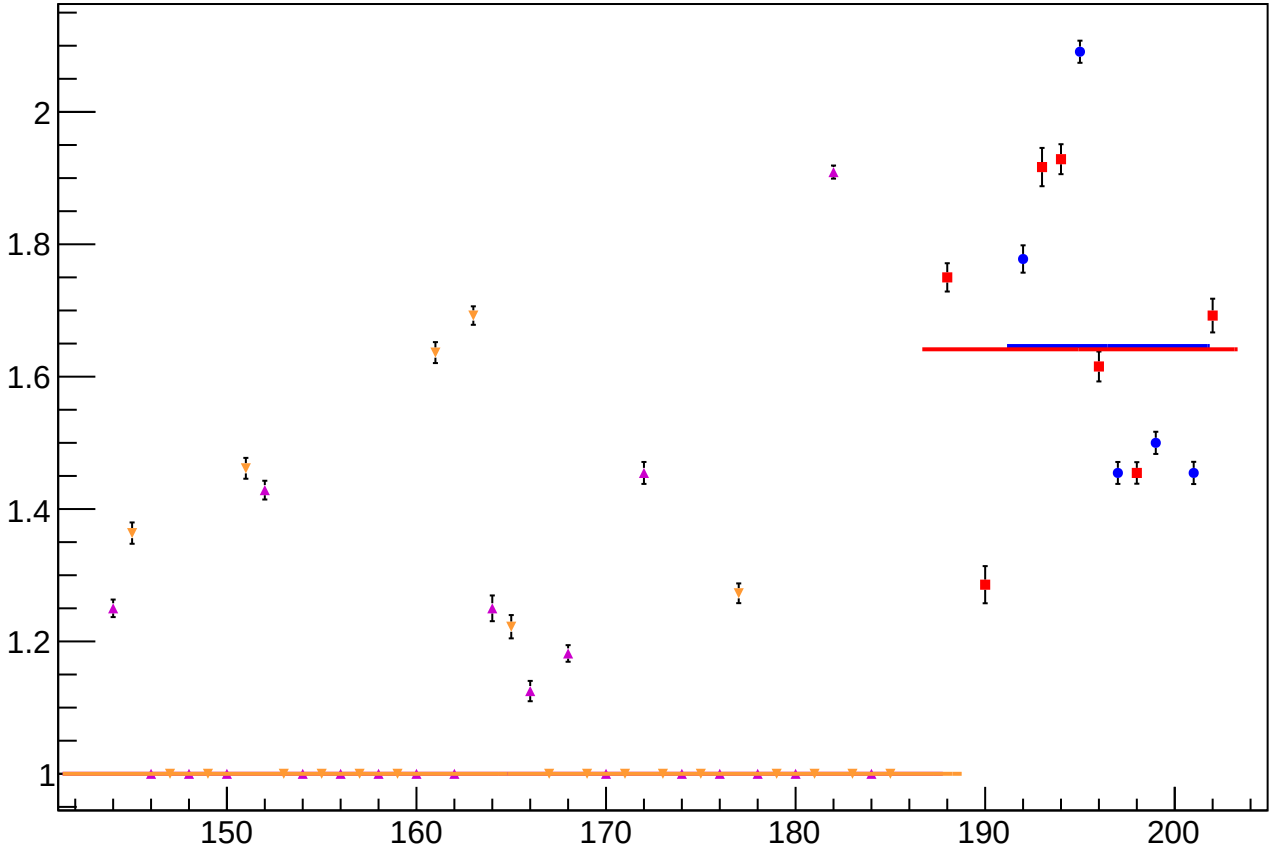
Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

dit_segment_slope vs Slug



Right In: 1.646+/-0.008 χ^2/NDF: 1088.1/4

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.641+/-0.008 χ^2/NDF: 575.0/6

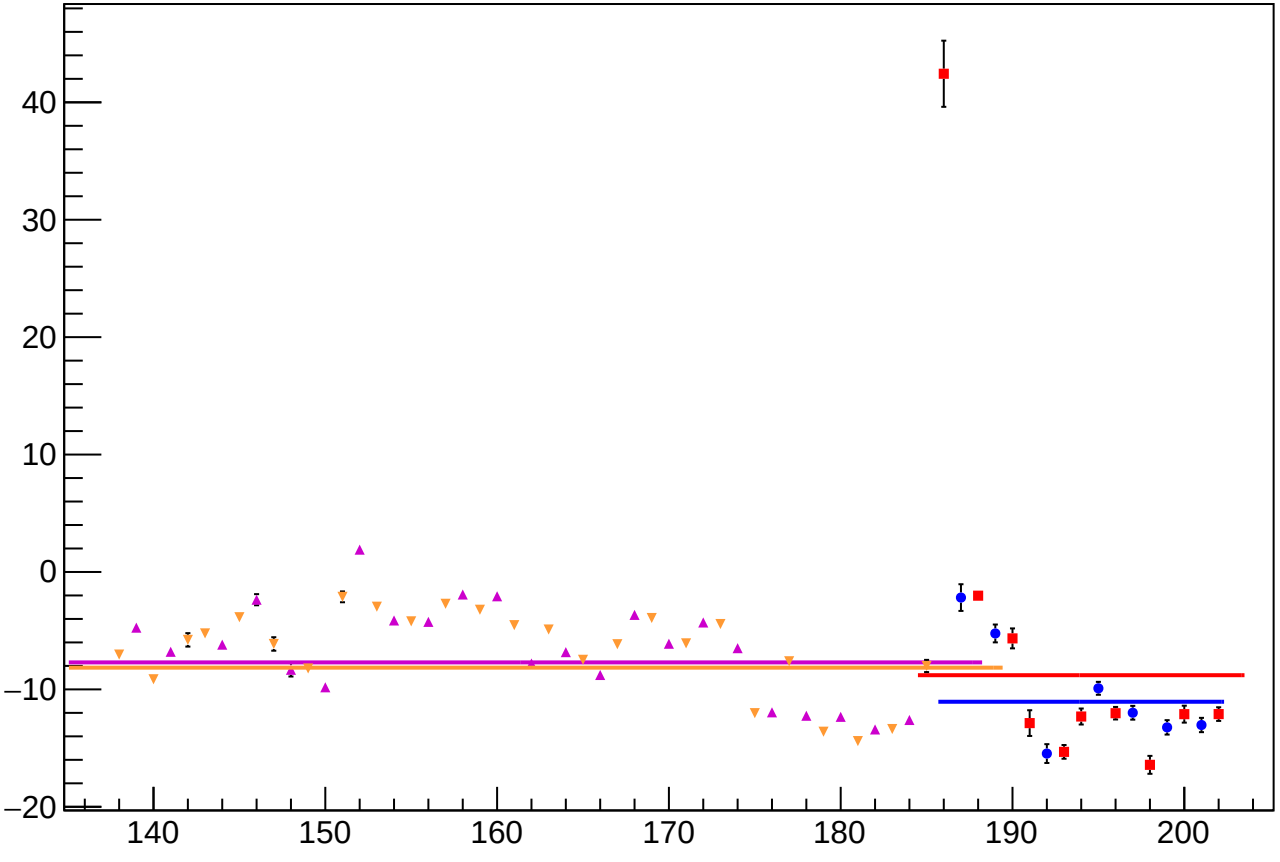
Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

+ sign 1.000+/-0.000 χ^2/NDF: 26665.7/25

All: 1.000+/-0.000 χ^2/NDF: 33445.8/53

- sign 1.000+/-0.000 χ^2/NDF: 18371.6/27

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -11.053+/-0.253 χ^2/NDF: 179.9/6

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -8.792+/-0.195 χ^2/NDF: 1106.4/9

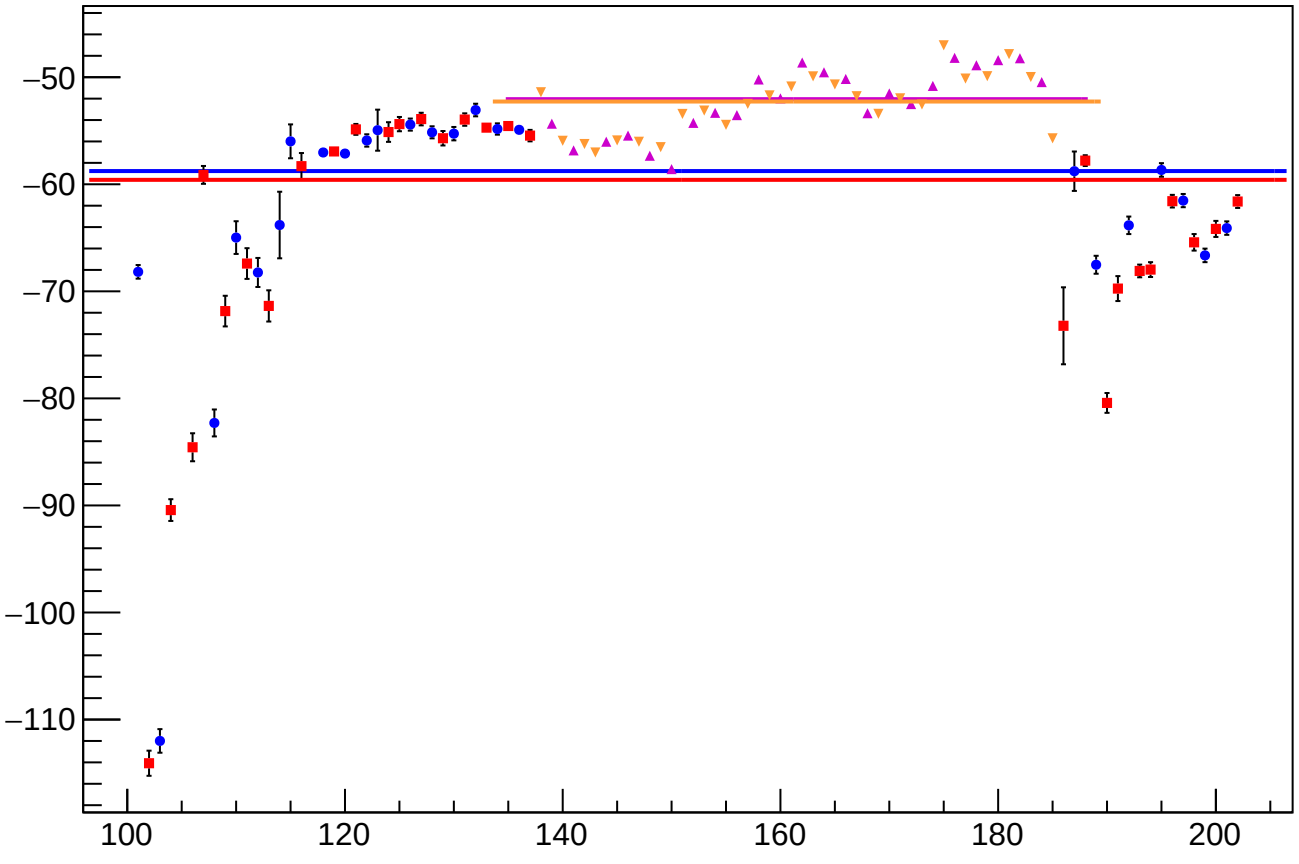
Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

+ sign -8.342+/-0.065 χ^2/NDF: 3915.8/31

All: -8.079+/-0.046 χ^2/NDF: 8819.6/64

- sign -7.821+/-0.065 χ^2/NDF: 4871.6/32

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.767+/-0.126 χ^2/NDF: 3922.2/23

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -59.586+/-0.121 χ^2/NDF: 5608.1/27

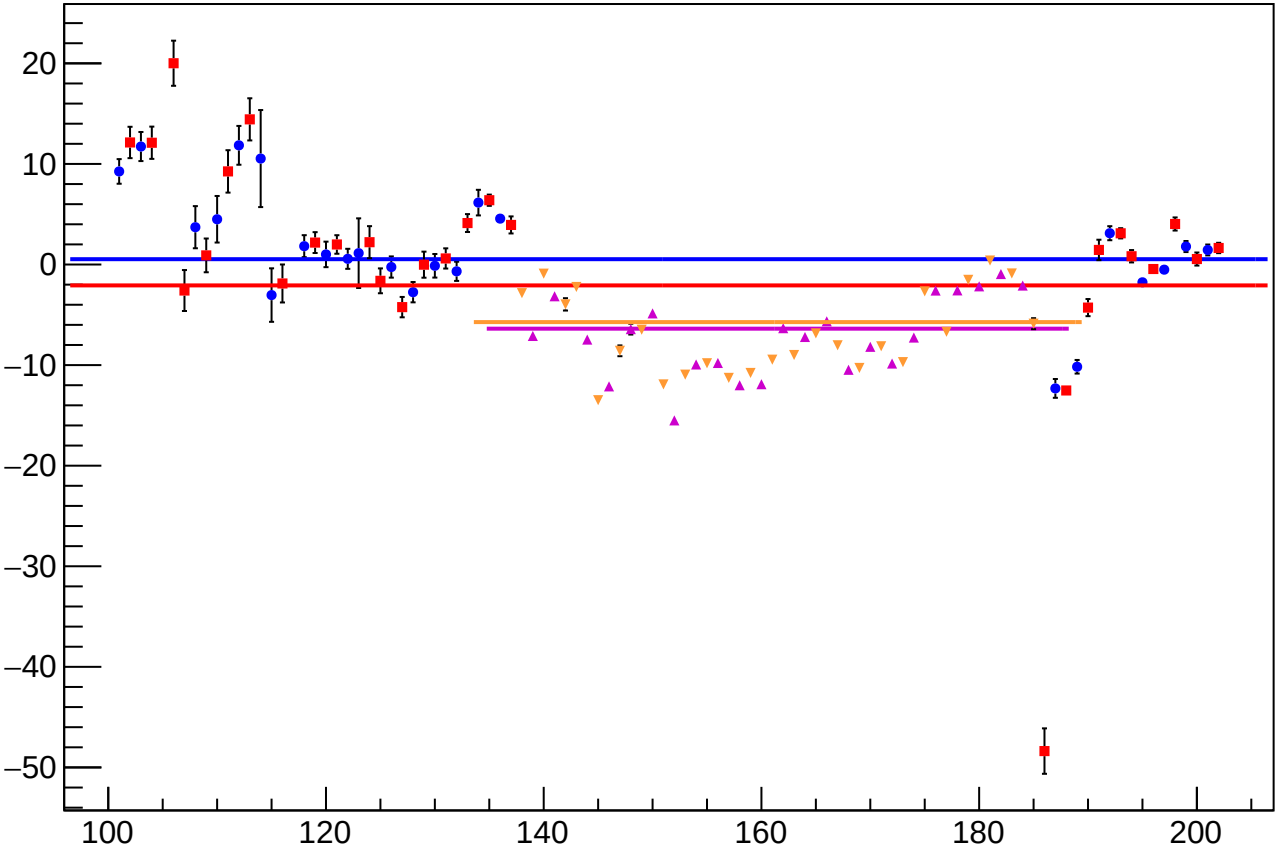
Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

+ sign -53.321+/-0.051 χ^2/NDF: 8770.1/48

All: -53.372+/-0.036 χ^2/NDF: 20767.9/99

- sign -53.425+/-0.052 χ^2/NDF: 11995.7/50

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 0.530+/-0.167 χ^2/NDF: 778.7/23

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -2.076+/-0.142 χ^2/NDF: 2944.7/27

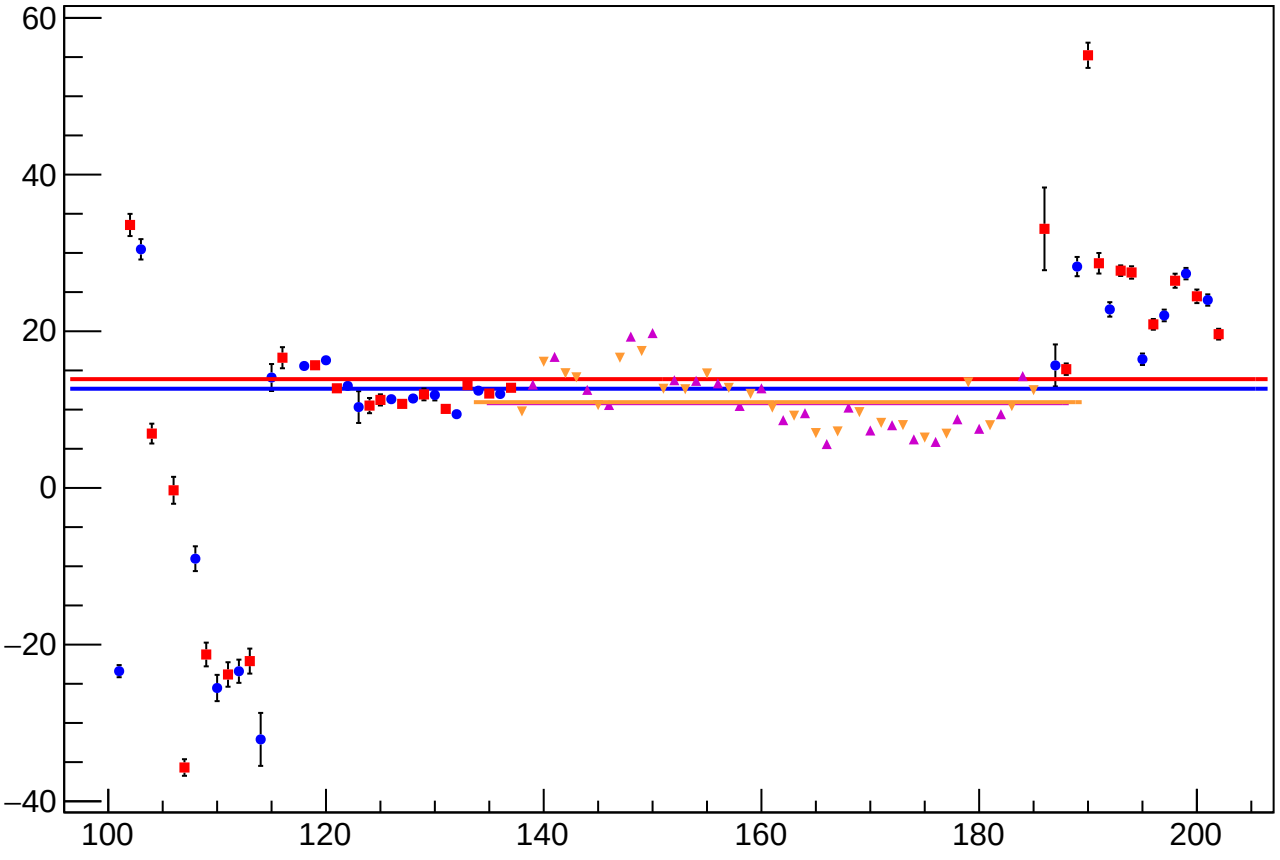
Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

+ sign -4.844+/-0.063 χ^2/NDF: 5969.2/48

All: -5.213+/-0.044 χ^2/NDF: 13126.4/99

- sign -5.567+/-0.062 χ^2/NDF: 7089.5/50

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.664+/-0.141 χ^2/NDF: 5058.0/23

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 13.889+/-0.138 χ^2/NDF: 6307.6/27

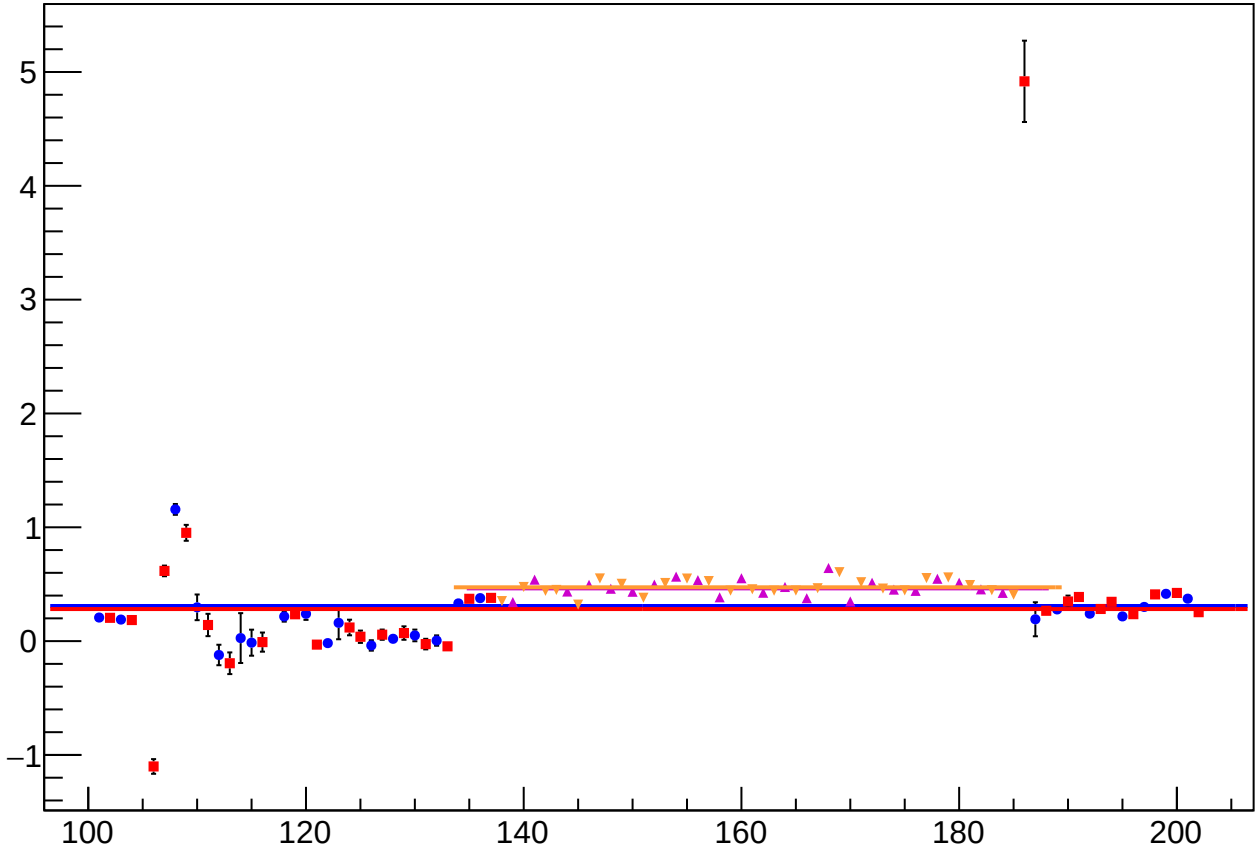
Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

+ sign 11.223+/-0.056 χ^2/NDF: 7802.2/48

All: 11.285+/-0.040 χ^2/NDF: 18100.1/99

- sign 11.348+/-0.057 χ^2/NDF: 10295.5/50

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.309+/-0.006 χ^2/NDF: 707.4/23

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.282+/-0.006 χ^2/NDF: 1220.4/27

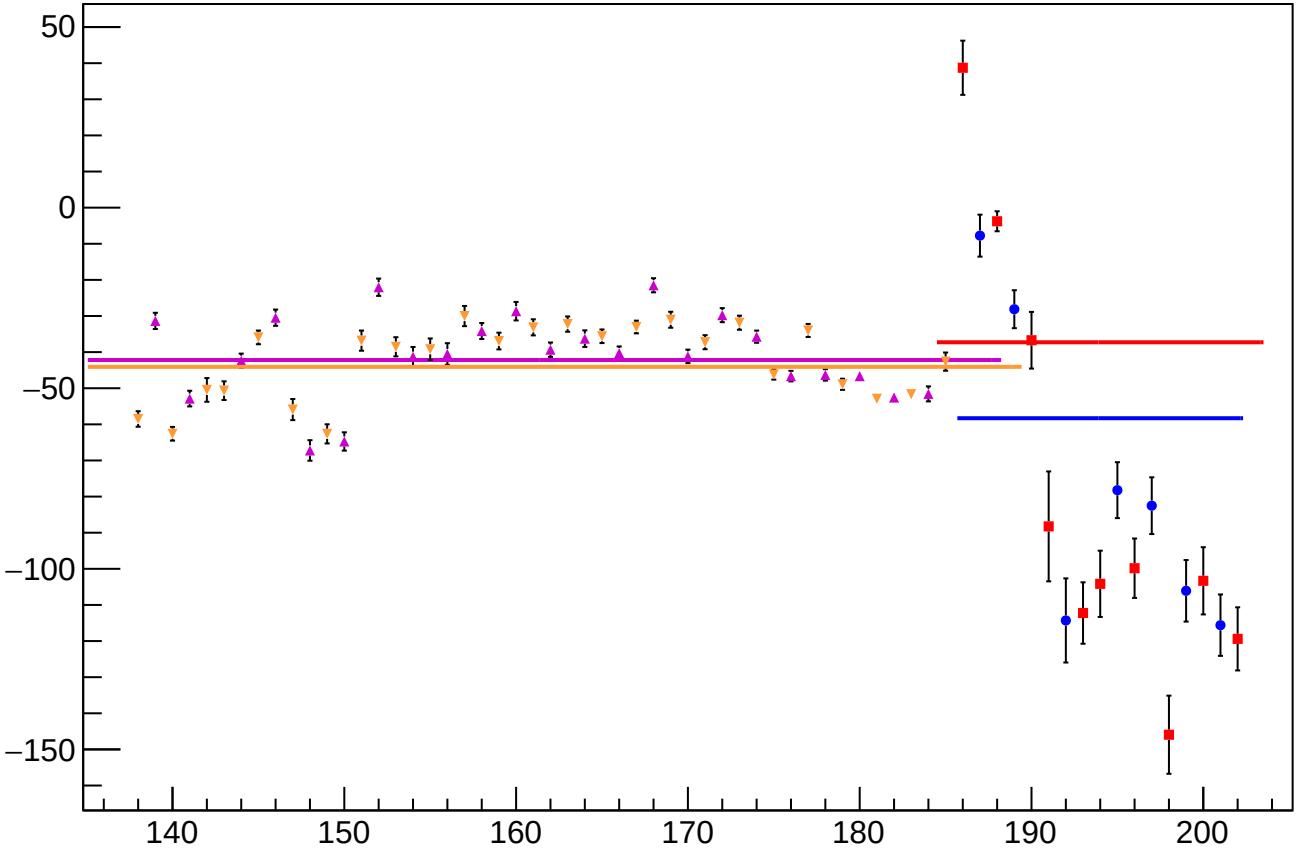
Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

+ sign 0.446+/-0.003 χ^2/NDF: 1792.3/48

All: 0.439+/-0.002 χ^2/NDF: 4538.0/99

- sign 0.431+/-0.003 χ^2/NDF: 2728.5/50

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -58.300+/-2.735 χ^2/NDF: 224.7/6

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -37.273+/-2.030 χ^2/NDF: 688.9/9

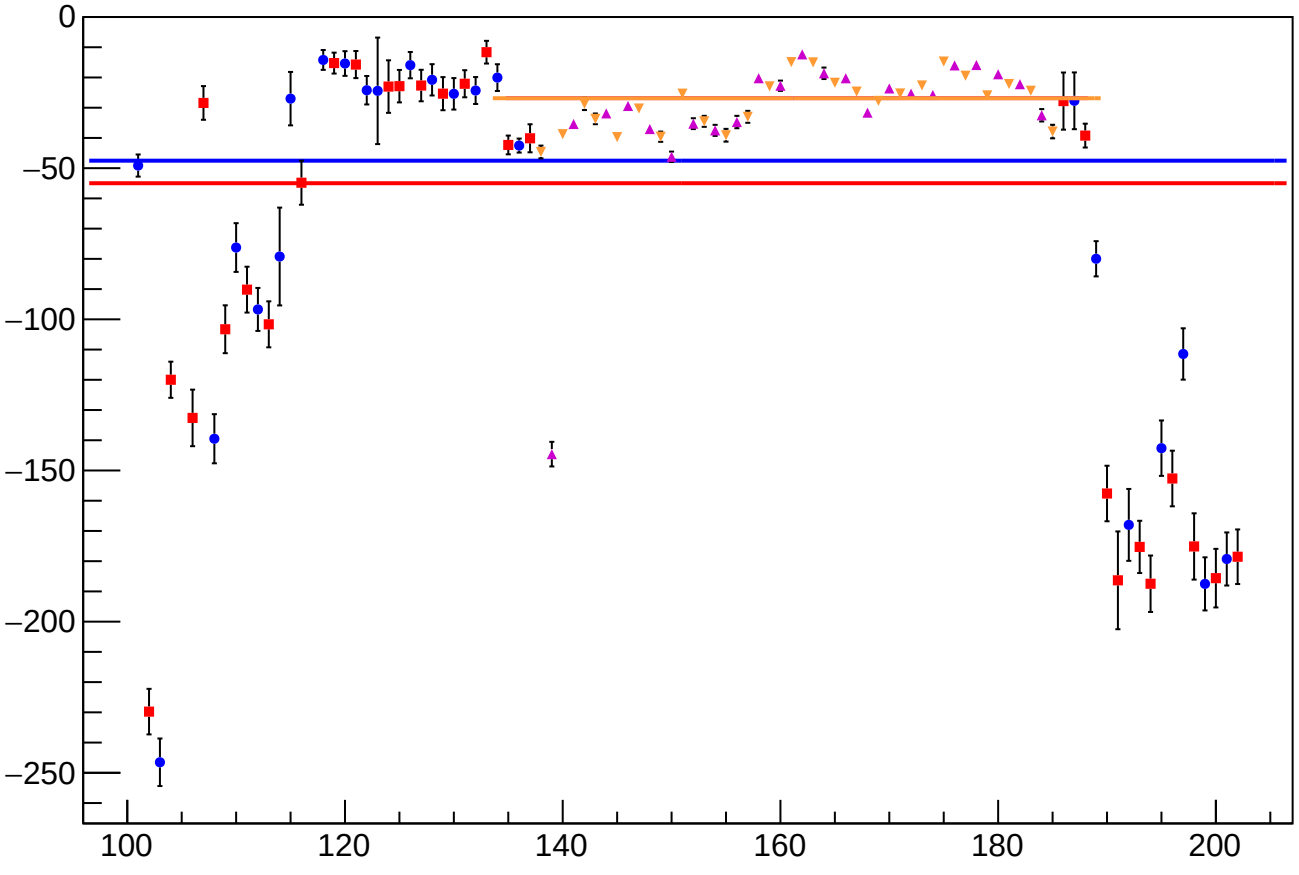
Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

+ sign -44.356+/-0.385 χ^2/NDF: 884.0/31

All: -43.194+/-0.274 χ^2/NDF: 2248.0/64

- sign -42.004+/-0.390 χ^2/NDF: 1345.6/32

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -47.521+/-1.070 χ^2/NDF: 1980.0/23

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -54.978+/-1.091 χ^2/NDF: 2596.1/27

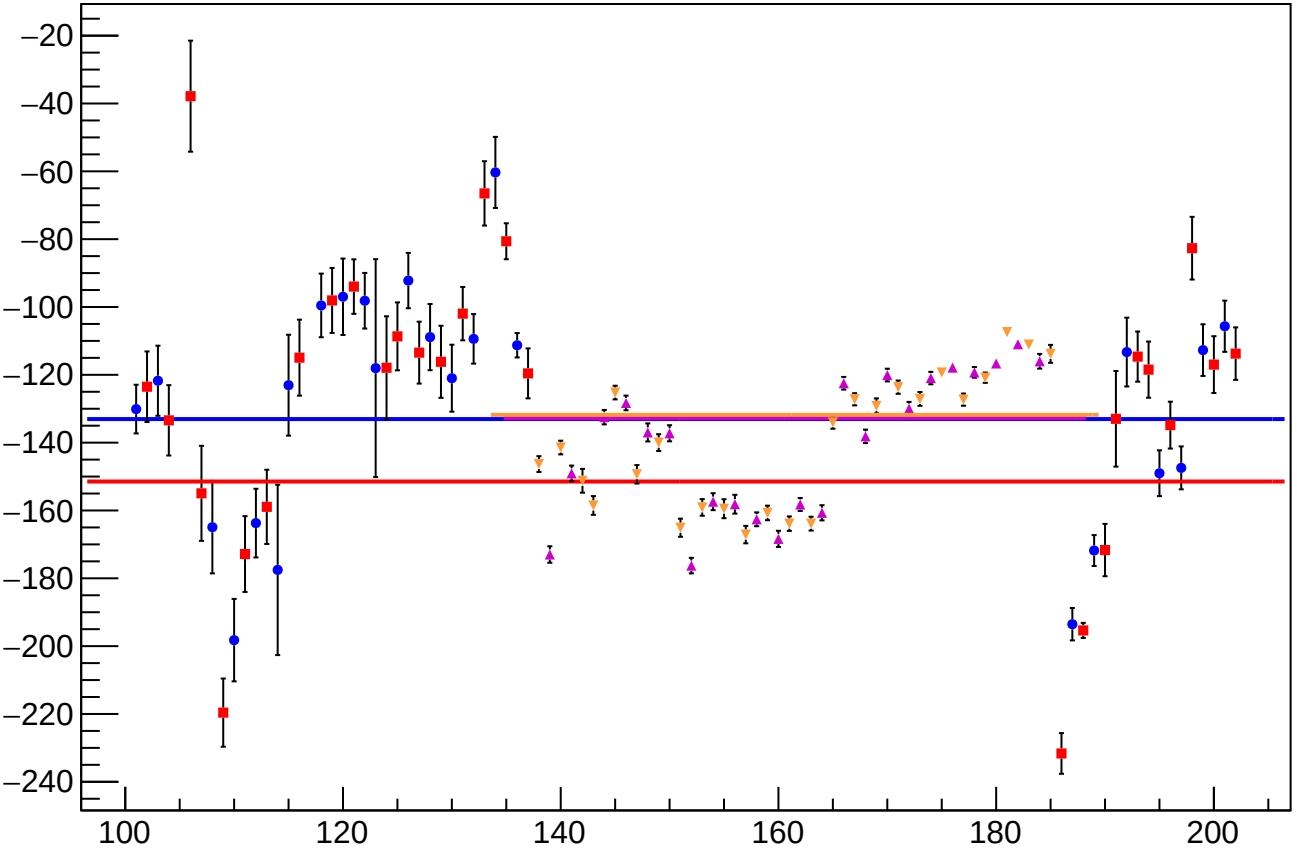
Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

+ sign -28.533+/-0.304 χ^2/NDF: 2951.6/48

All: -28.822+/-0.218 χ^2/NDF: 7642.7/99

- sign -29.126+/-0.312 χ^2/NDF: 4689.3/50

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -133.045+/-1.550 χ^2/NDF: 485.1/23

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -151.463+/-1.346 χ^2/NDF: 1287.9/27

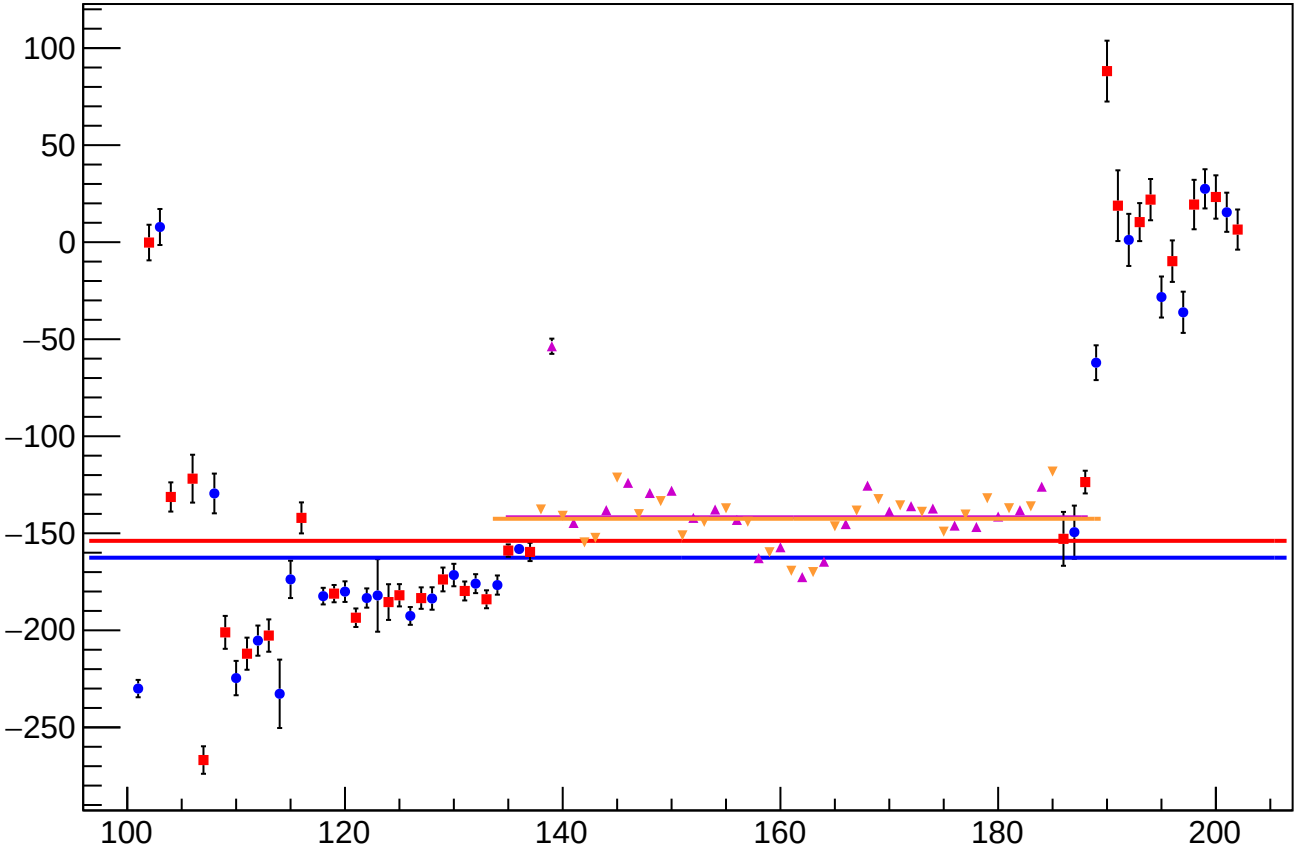
Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

+ sign -131.880+/-0.380 χ^2/NDF: 2902.7/48

All: -133.084+/-0.269 χ^2/NDF: 6903.4/99

- sign -134.299+/-0.382 χ^2/NDF: 3980.5/50

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -162.577+/-1.210 χ^2/NDF: 2044.0/23

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -153.891+/-1.254 χ^2/NDF: 2690.6/27

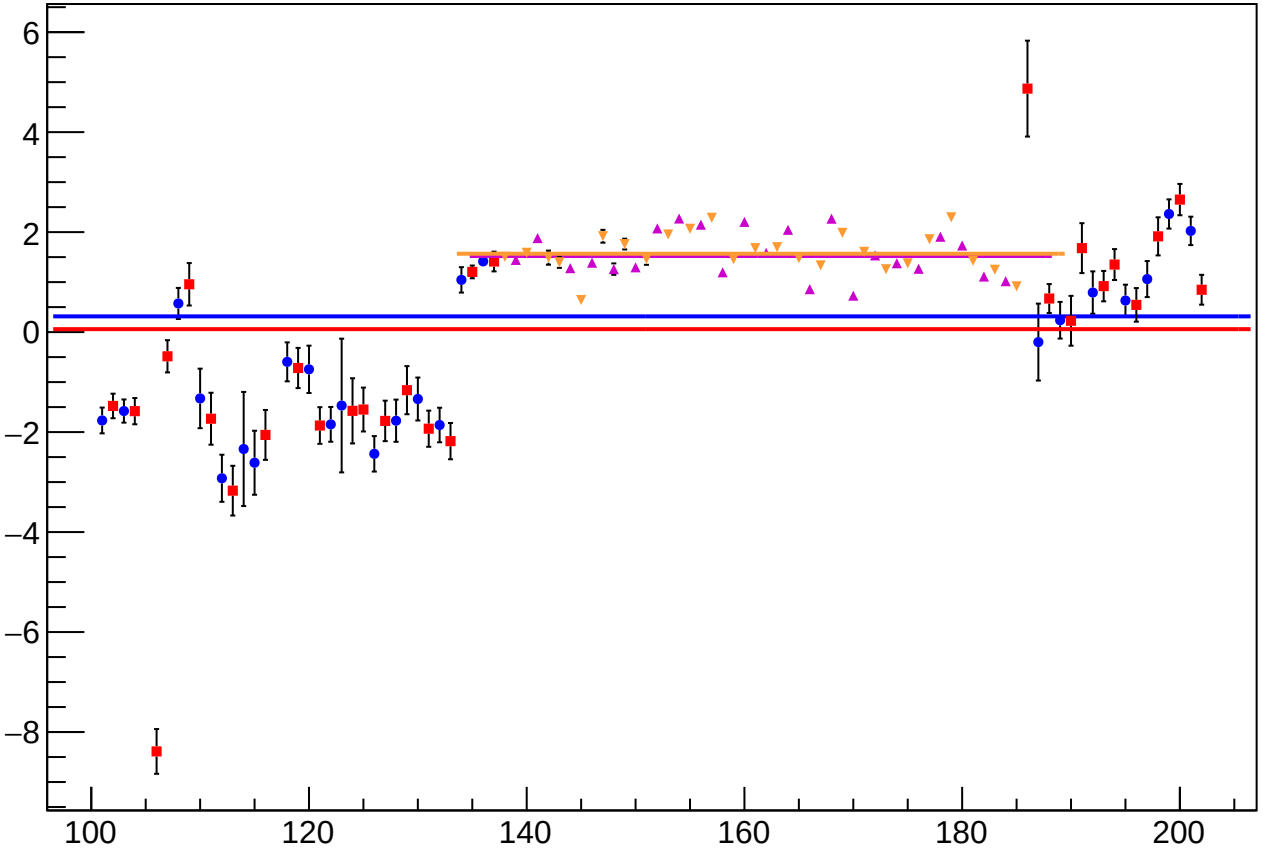
Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

+ sign -144.105+/-0.340 χ^2/NDF: 3441.3/48

All: -143.421+/-0.243 χ^2/NDF: 7830.9/99

- sign -142.705+/-0.348 χ^2/NDF: 4381.3/50

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.315+/-0.060 χ^2/NDF: 632.3/23

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: 0.059+/-0.060 χ^2/NDF: 954.6/27

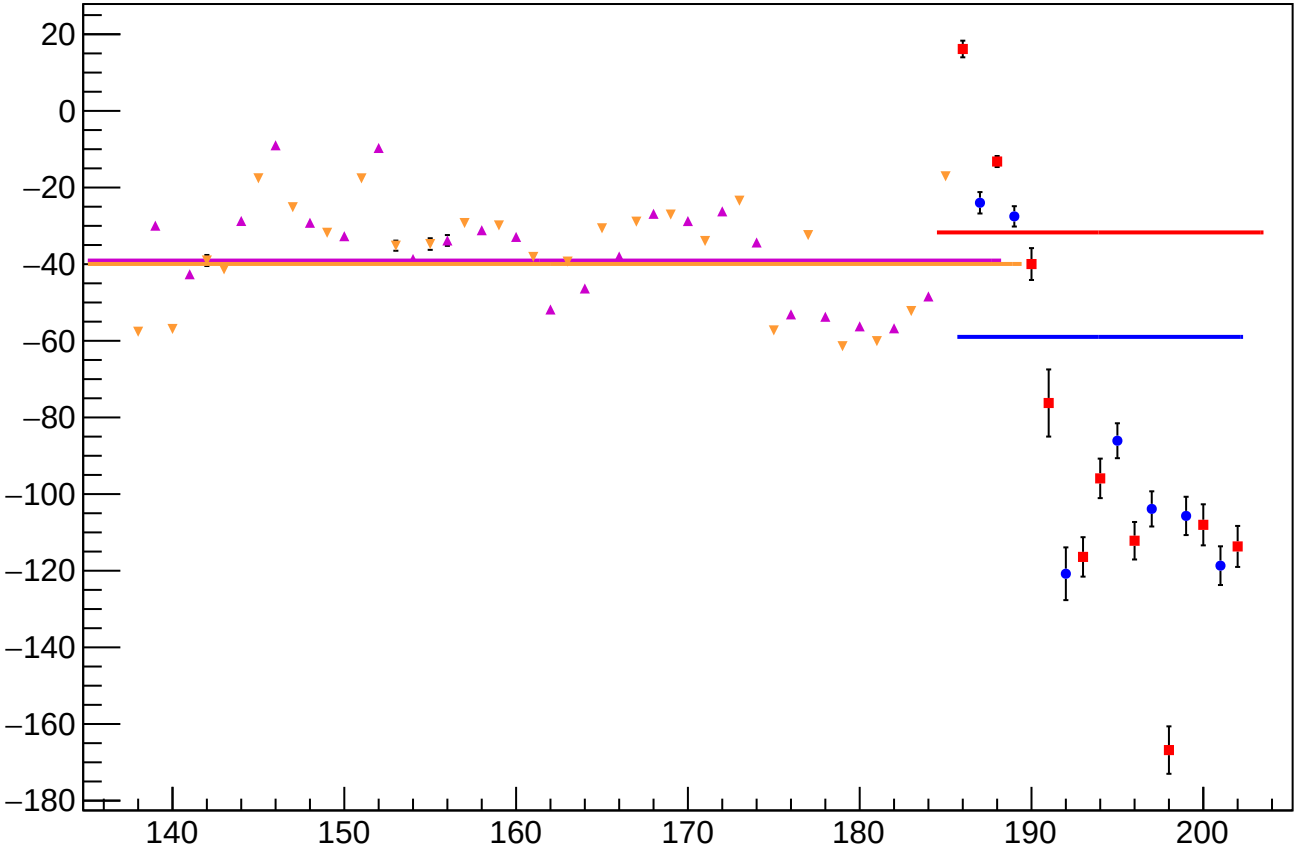
Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

+ sign 1.482+/-0.016 χ^2/NDF: 1582.0/48

All: 1.452+/-0.011 χ^2/NDF: 3833.8/99

- sign 1.420+/-0.016 χ^2/NDF: 2244.1/50

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -58.975+/-1.465 χ^2/NDF: 736.1/6

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -31.715+/-1.011 χ^2/NDF: 2289.9/9

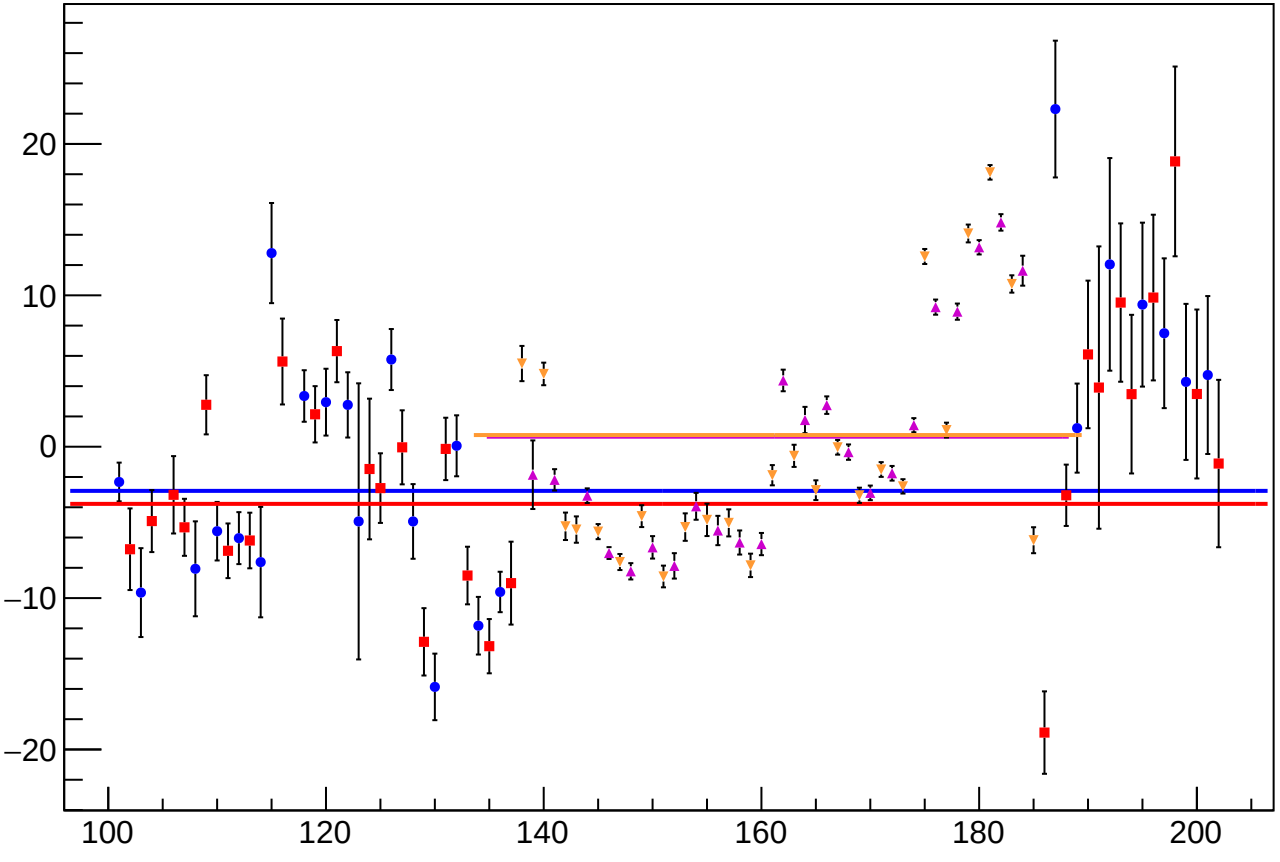
Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

+ sign -40.148+/-0.152 χ^2/NDF: 10709.3/31

All: -39.520+/-0.108 χ^2/NDF: 21661.7/64

- sign -38.894+/-0.152 χ^2/NDF: 10918.5/32

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -2.917+/-0.476 χ^2/NDF: 219.6/23

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -3.776+/-0.471 χ^2/NDF: 188.6/27

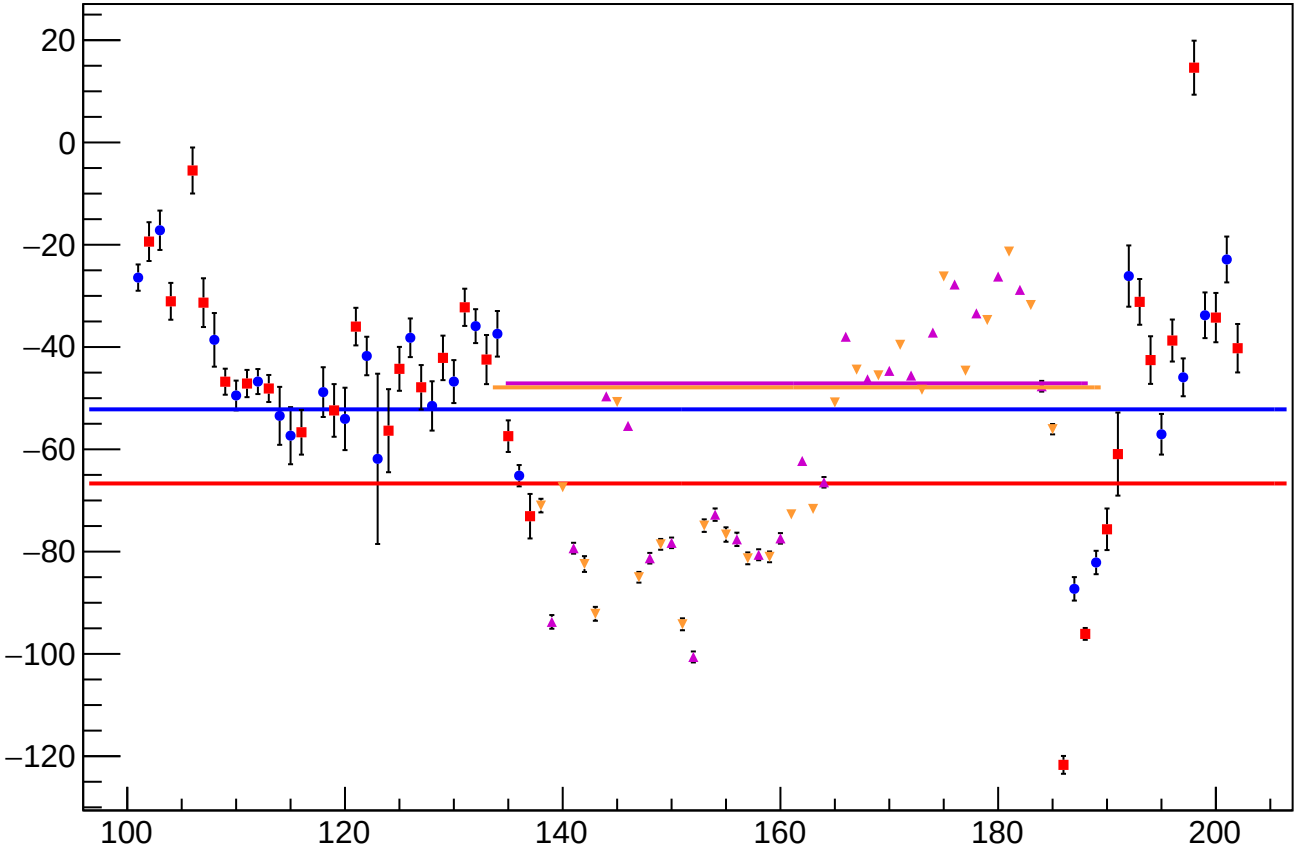
Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

+ sign 0.535+/-0.120 χ^2/NDF: 4228.7/48

All: 0.454+/-0.085 χ^2/NDF: 7842.2/99

- sign 0.374+/-0.120 χ^2/NDF: 3612.6/50

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -52.184+/-0.719 χ^2/NDF: 782.6/23

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -66.674+/-0.606 χ^2/NDF: 3038.3/27

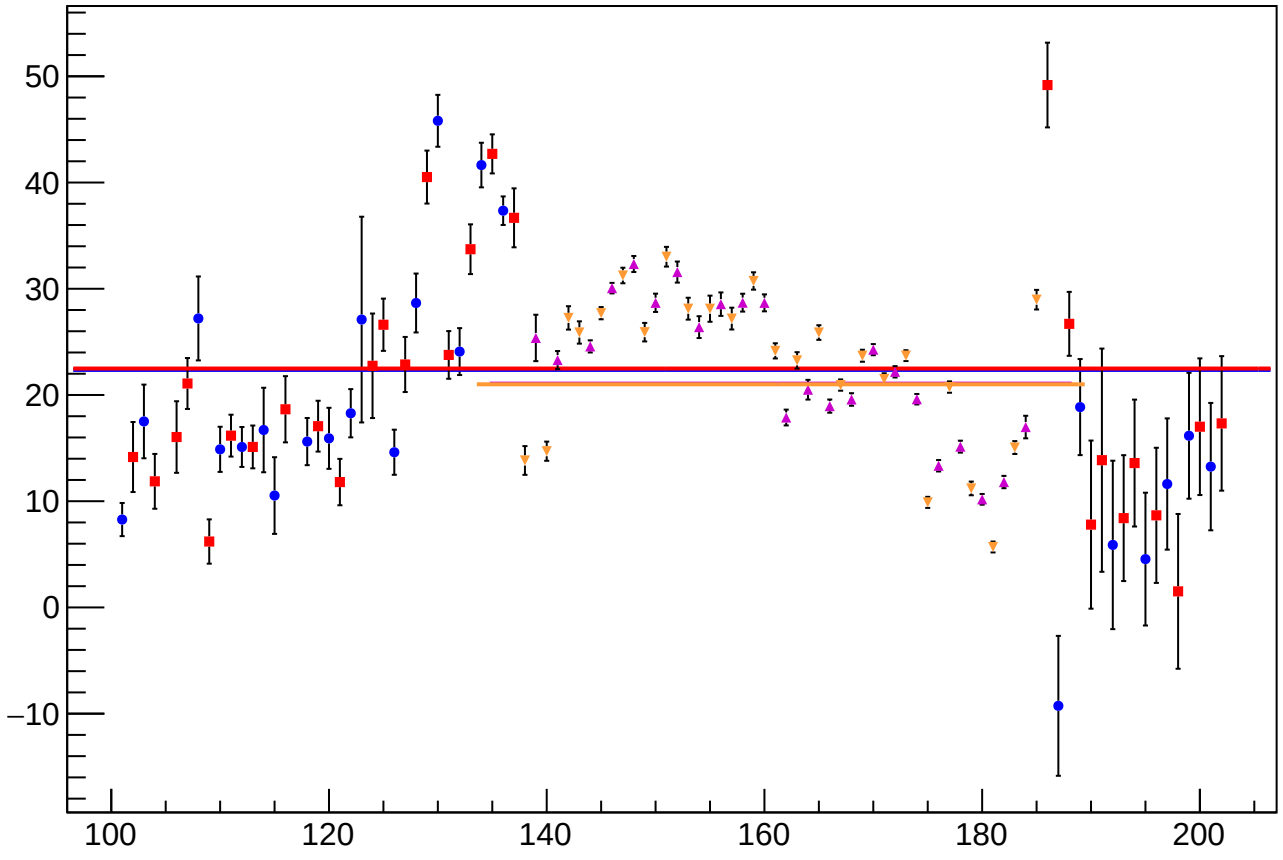
Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

+ sign -48.079+/-0.151 χ^2/NDF: 17523.9/48

All: -48.195+/-0.106 χ^2/NDF: 37195.5/99

- sign -48.308+/-0.150 χ^2/NDF: 19670.5/50

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.360+/-0.540 χ^2/NDF: 505.3/23

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.490+/-0.543 χ^2/NDF: 441.1/27

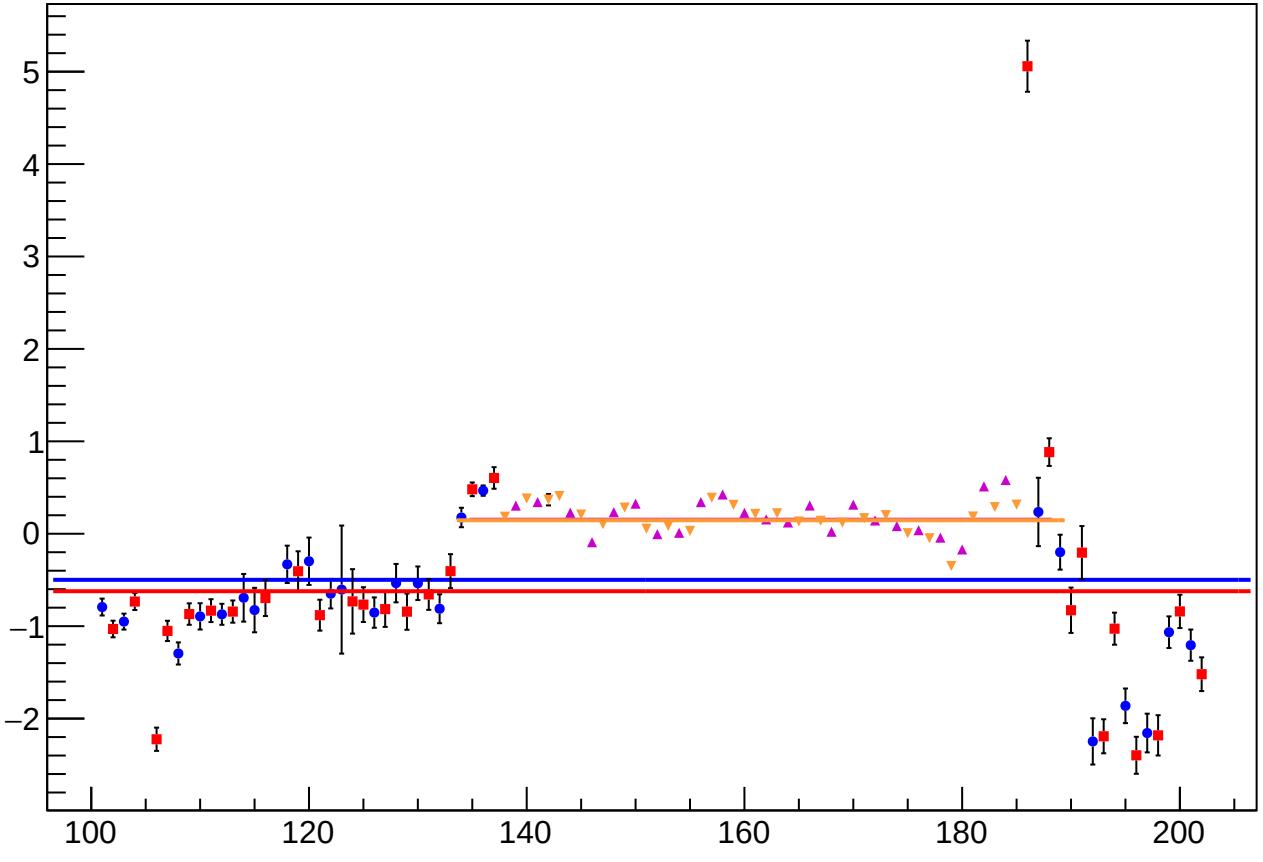
Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

+ sign 21.089+/-0.135 χ^2/NDF: 3300.8/48

All: 21.123+/-0.095 χ^2/NDF: 5925.2/99

- sign 21.157+/-0.135 χ^2/NDF: 2624.3/50

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.028 χ^2/NDF: 653.0/23

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.622+/-0.027 χ^2/NDF: 1312.5/27

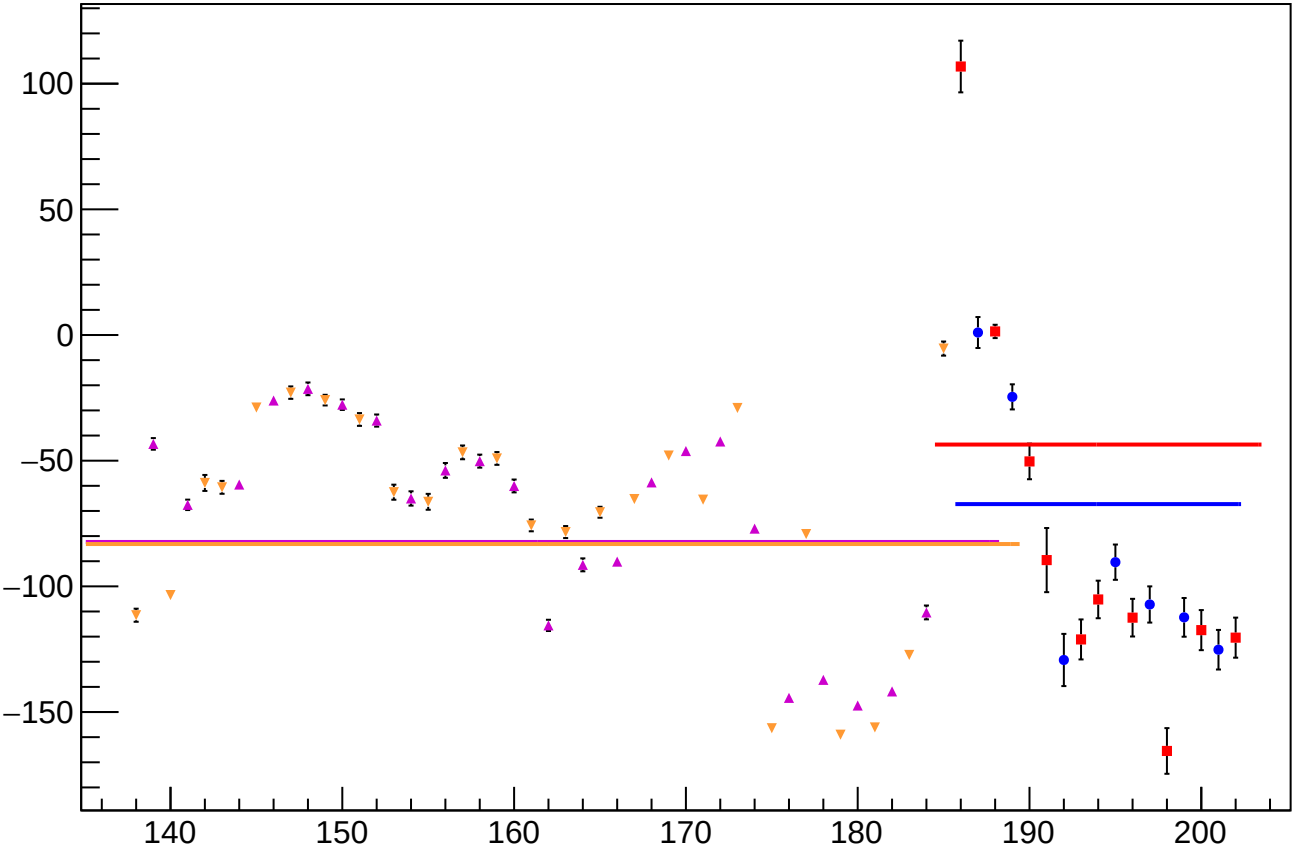
Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

+ sign 0.114+/-0.006 χ^2/NDF: 1767.7/48

All: 0.113+/-0.004 χ^2/NDF: 4719.4/99

- sign 0.111+/-0.006 χ^2/NDF: 2951.6/50

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -67.275+/-2.598 χ^2/NDF: 361.1/6

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -43.581+/-1.915 χ^2/NDF: 1121.7/9

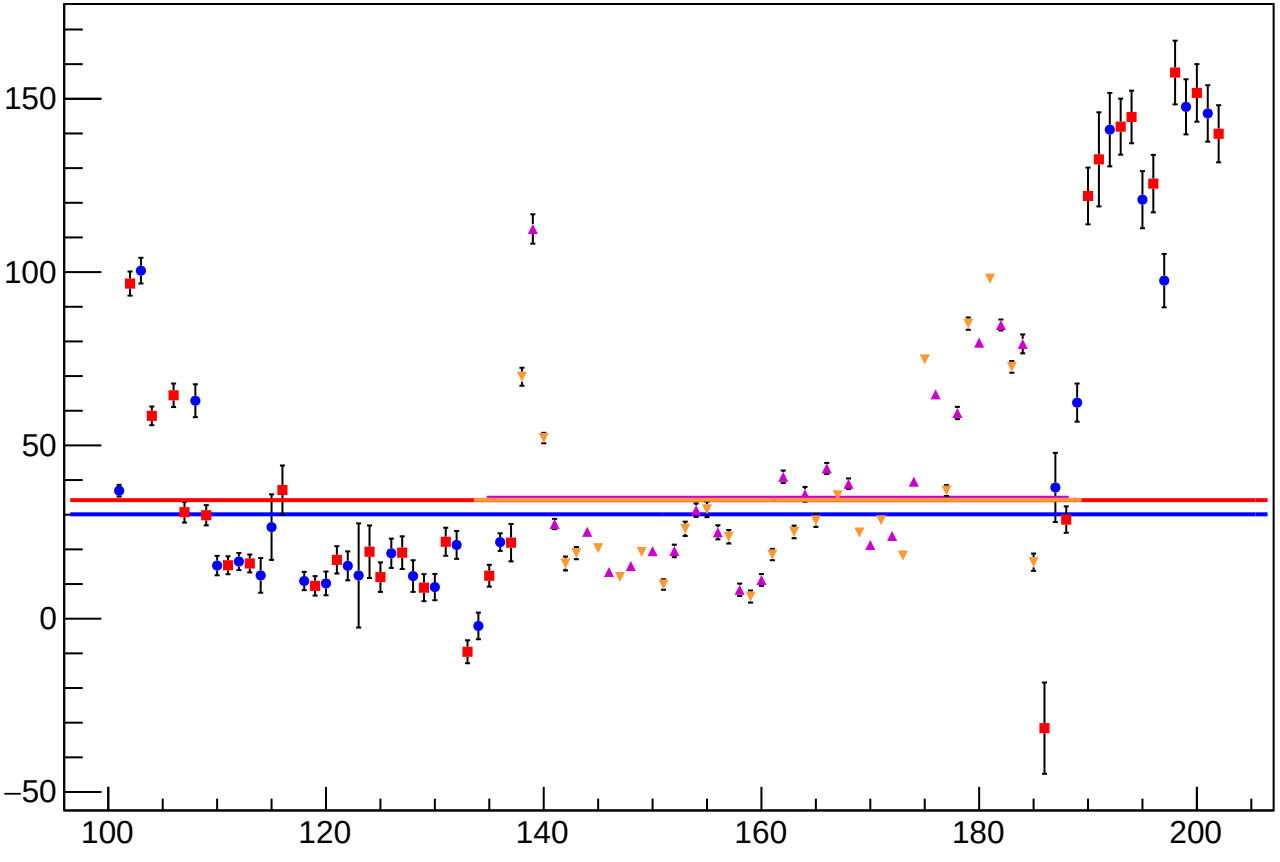
Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

+ sign -82.782+/-0.402 χ^2/NDF: 14192.0/31

All: -81.705+/-0.285 χ^2/NDF: 26674.5/64

- sign -80.620+/-0.404 χ^2/NDF: 12468.1/32

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 30.115+/-0.773 χ^2/NDF: 1497.7/23

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 34.199+/-0.767 χ^2/NDF: 2254.4/27

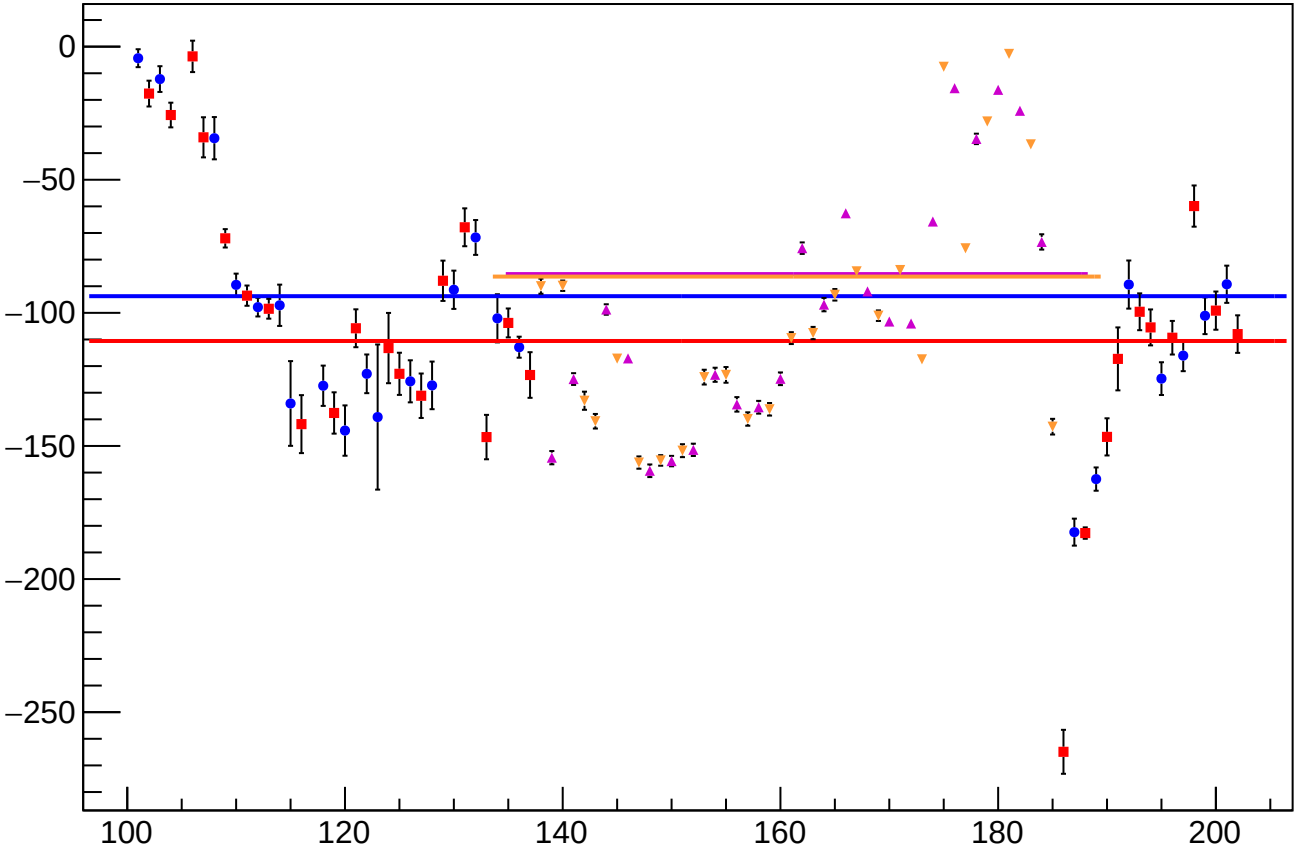
Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

+ sign 33.689+/-0.296 χ^2/NDF: 7686.5/48

All: 34.228+/-0.211 χ^2/NDF: 14702.9/99

- sign 34.786+/-0.302 χ^2/NDF: 7009.7/50

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -93.738+/-1.193 χ^2/NDF: 1781.8/23

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -110.569+/-1.040 χ^2/NDF: 2943.1/27

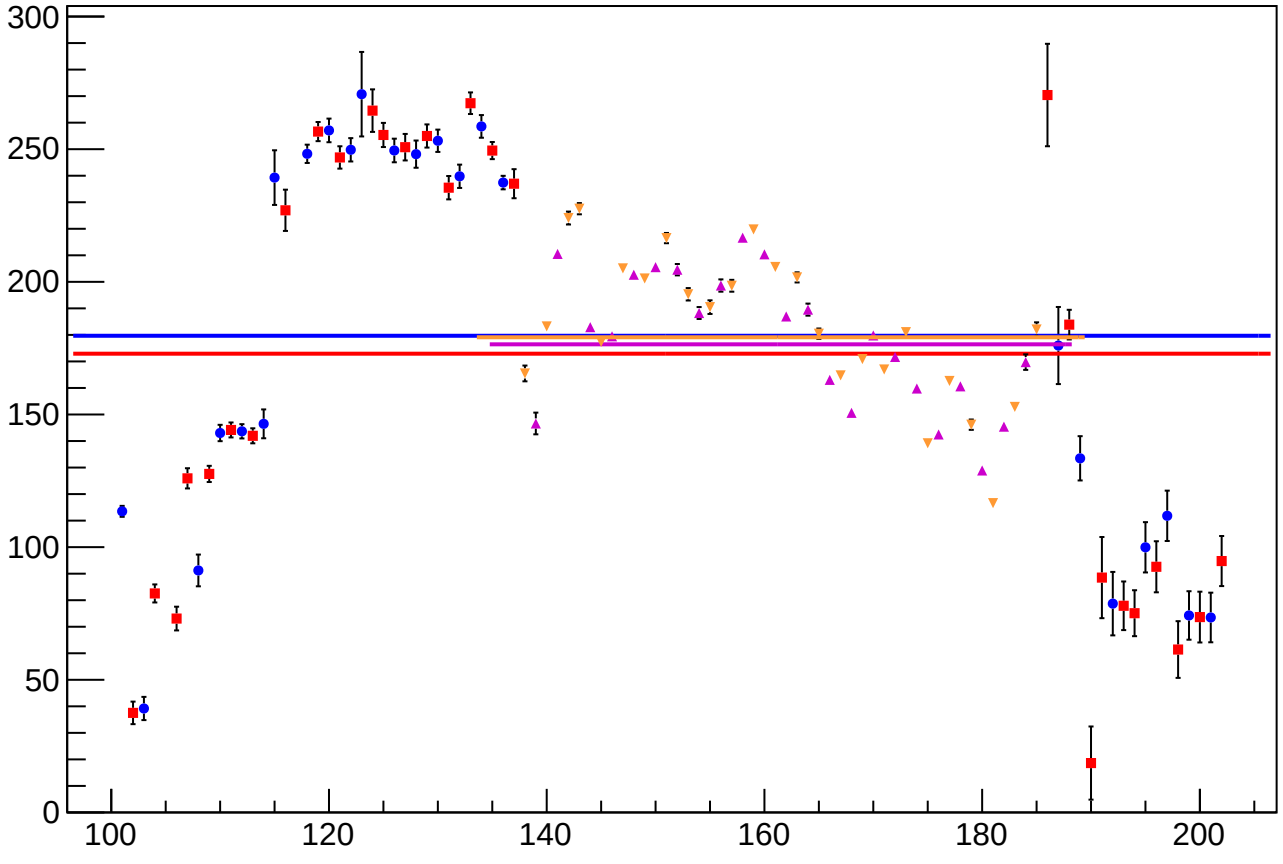
Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

+ sign -87.151+/-0.387 χ^2/NDF: 16250.9/48

All: -88.015+/-0.273 χ^2/NDF: 32707.0/99

- sign -88.866+/-0.384 χ^2/NDF: 16446.2/50

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 179.676+/-0.887 χ^2/NDF: 5912.3/23

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 172.917+/-0.885 χ^2/NDF: 6978.5/27

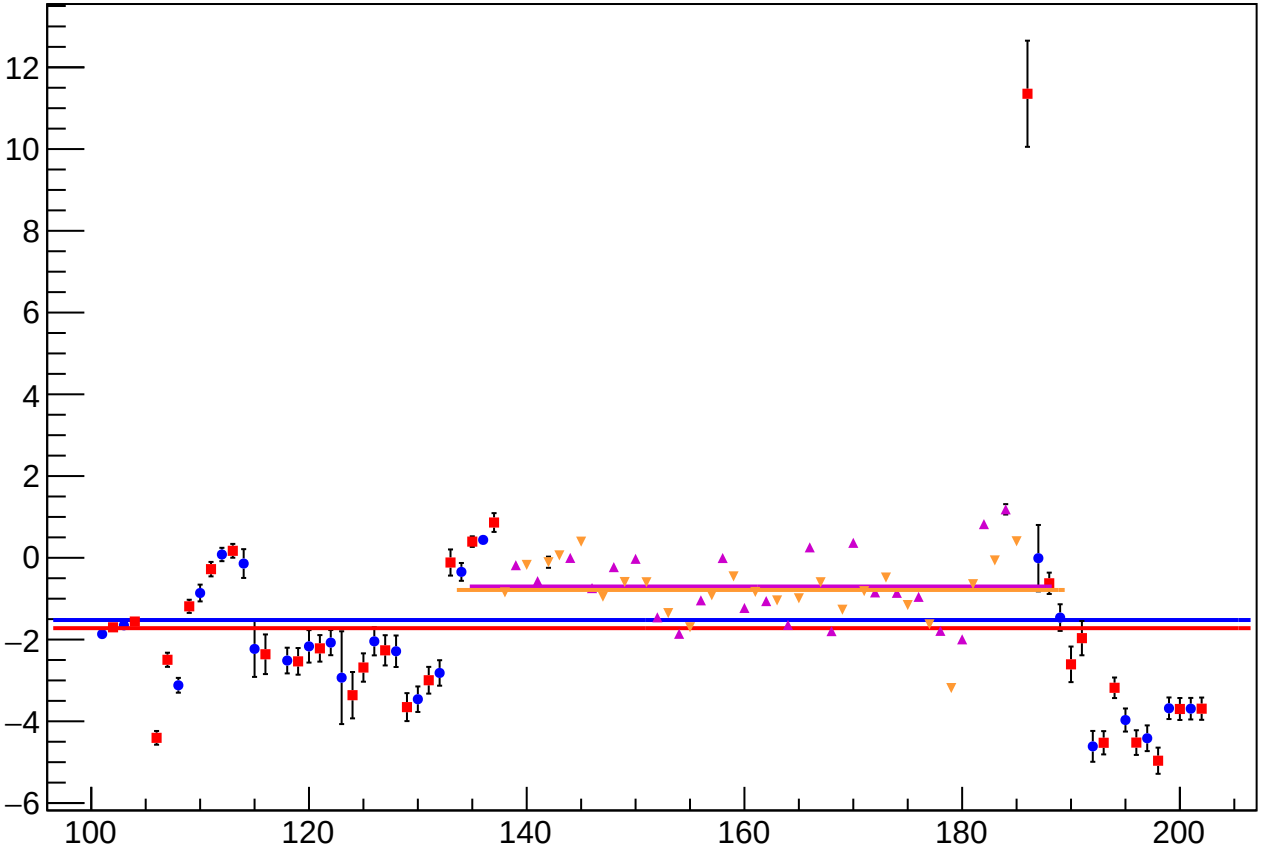
Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

+ sign 179.190+/-0.336 χ^2/NDF: 11790.1/48

All: 177.583+/-0.239 χ^2/NDF: 23270.8/99

- sign 175.924+/-0.341 χ^2/NDF: 11434.2/50

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.522+/-0.045 χ^2/NDF: 1033.6/23

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.722+/-0.042 χ^2/NDF: 1524.1/27

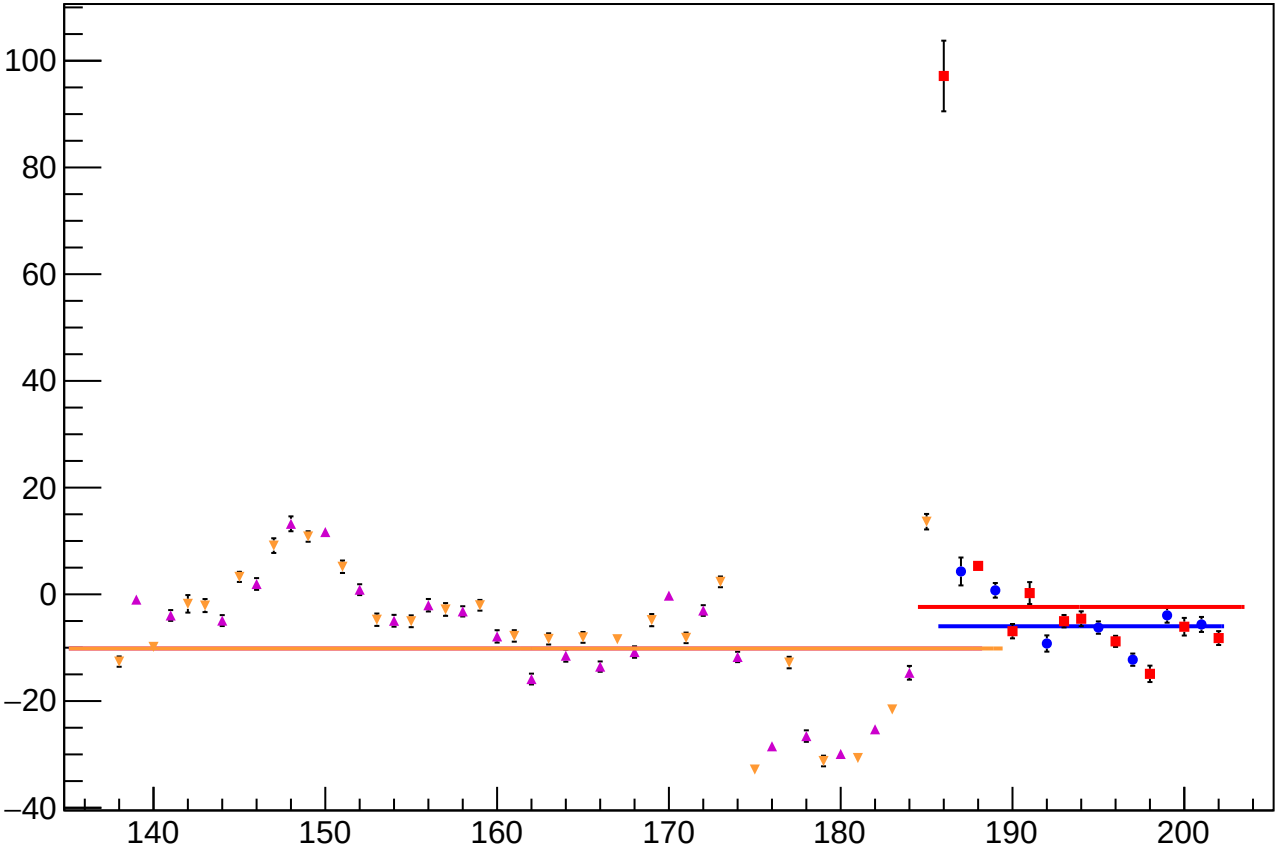
Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

+ sign -0.876+/-0.016 χ^2/NDF: 3032.6/48

All: -0.860+/-0.011 χ^2/NDF: 7493.0/99

- sign -0.845+/-0.016 χ^2/NDF: 4458.3/50

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -5.985+/-0.524 χ^2/NDF: 76.1/6

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: -2.364+/-0.383 χ^2/NDF: 521.2/9

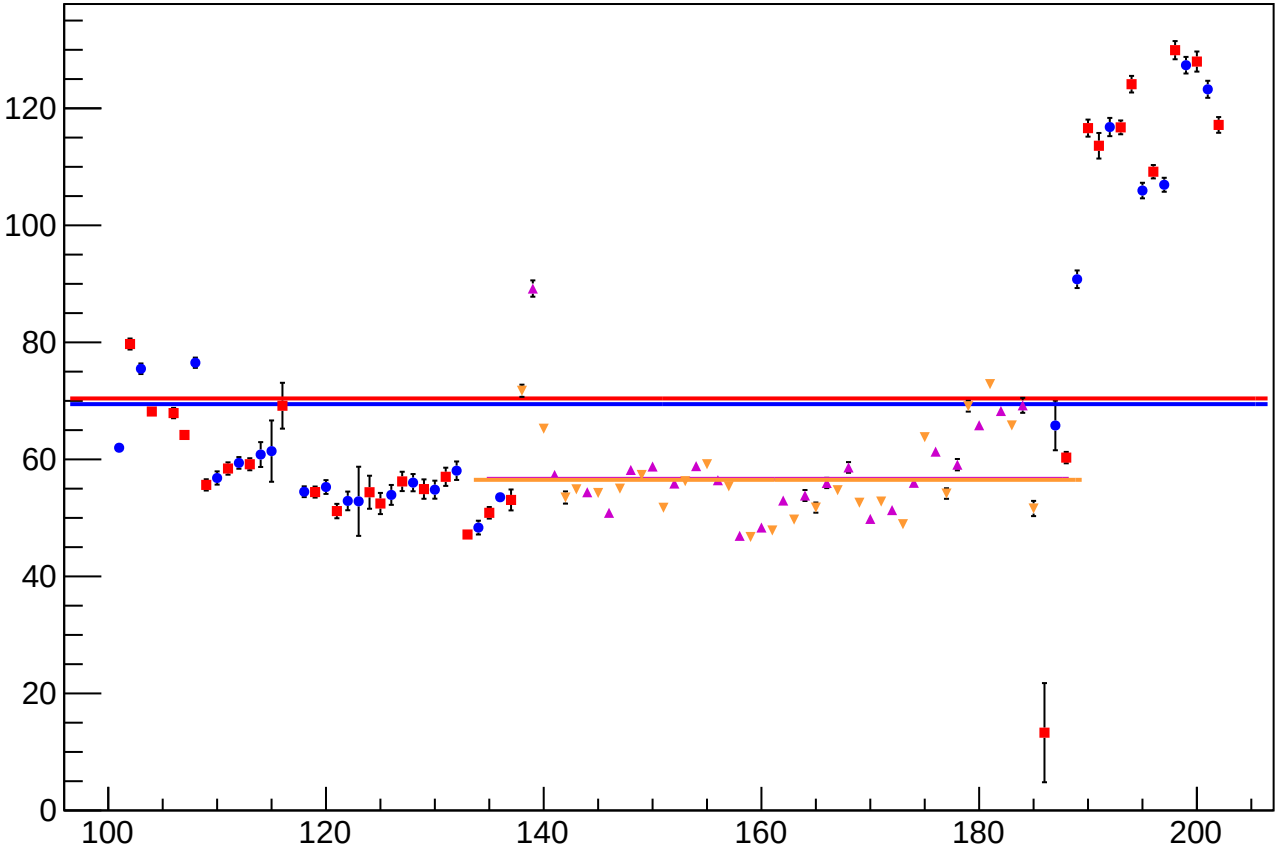
Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

+ sign -9.609+/-0.188 χ^2/NDF: 4259.6/31

All: -8.994+/-0.130 χ^2/NDF: 8614.7/64

- sign -8.431+/-0.180 χ^2/NDF: 4334.6/32

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 69.442+/-0.237 χ^2/NDF: 7989.9/23

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 70.415+/-0.218 χ^2/NDF: 12727.7/27

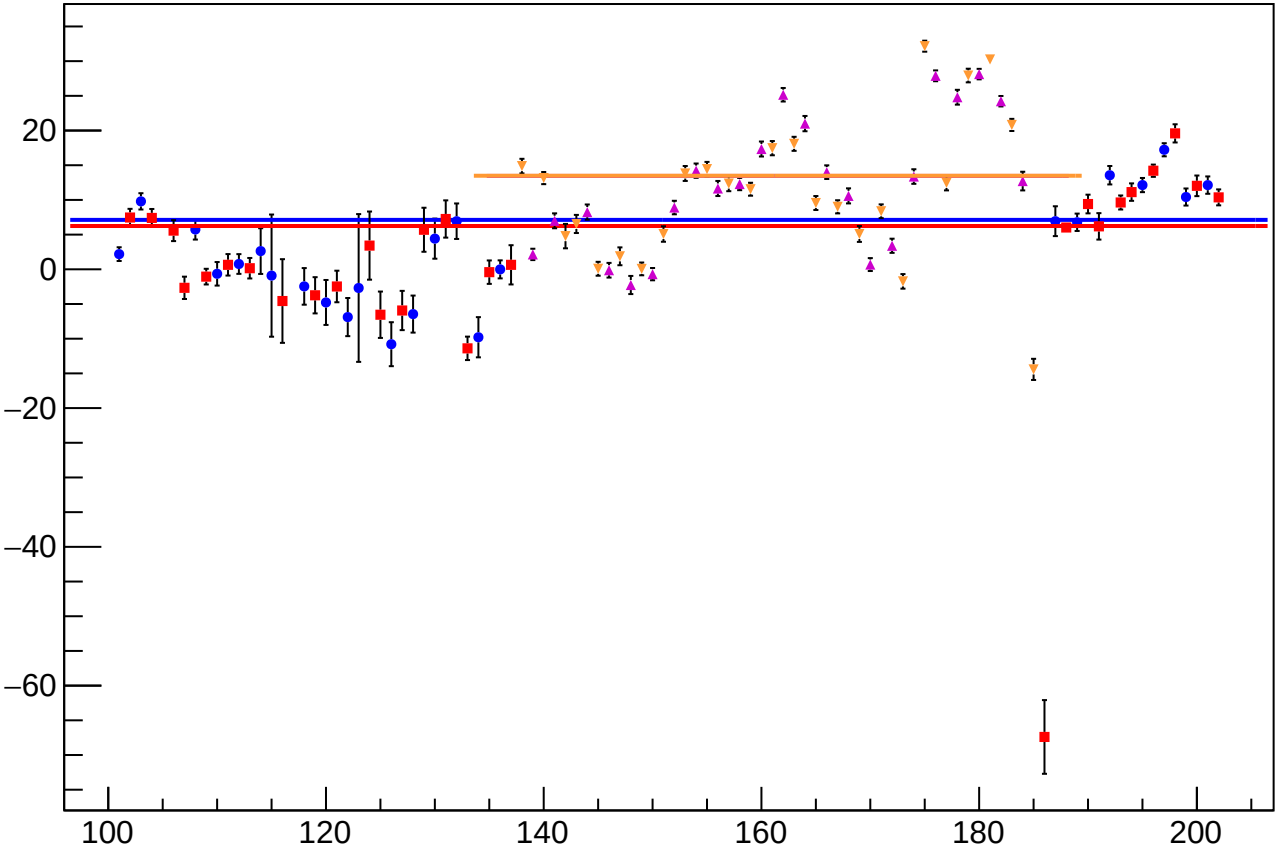
Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

+ sign 60.526+/-0.132 χ^2/NDF: 12000.9/48

All: 61.107+/-0.093 χ^2/NDF: 28983.7/99

- sign 61.680+/-0.131 χ^2/NDF: 16944.5/50

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 7.124+/-0.323 χ^2/NDF: 436.2/23

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 6.241+/-0.261 χ^2/NDF: 736.6/27

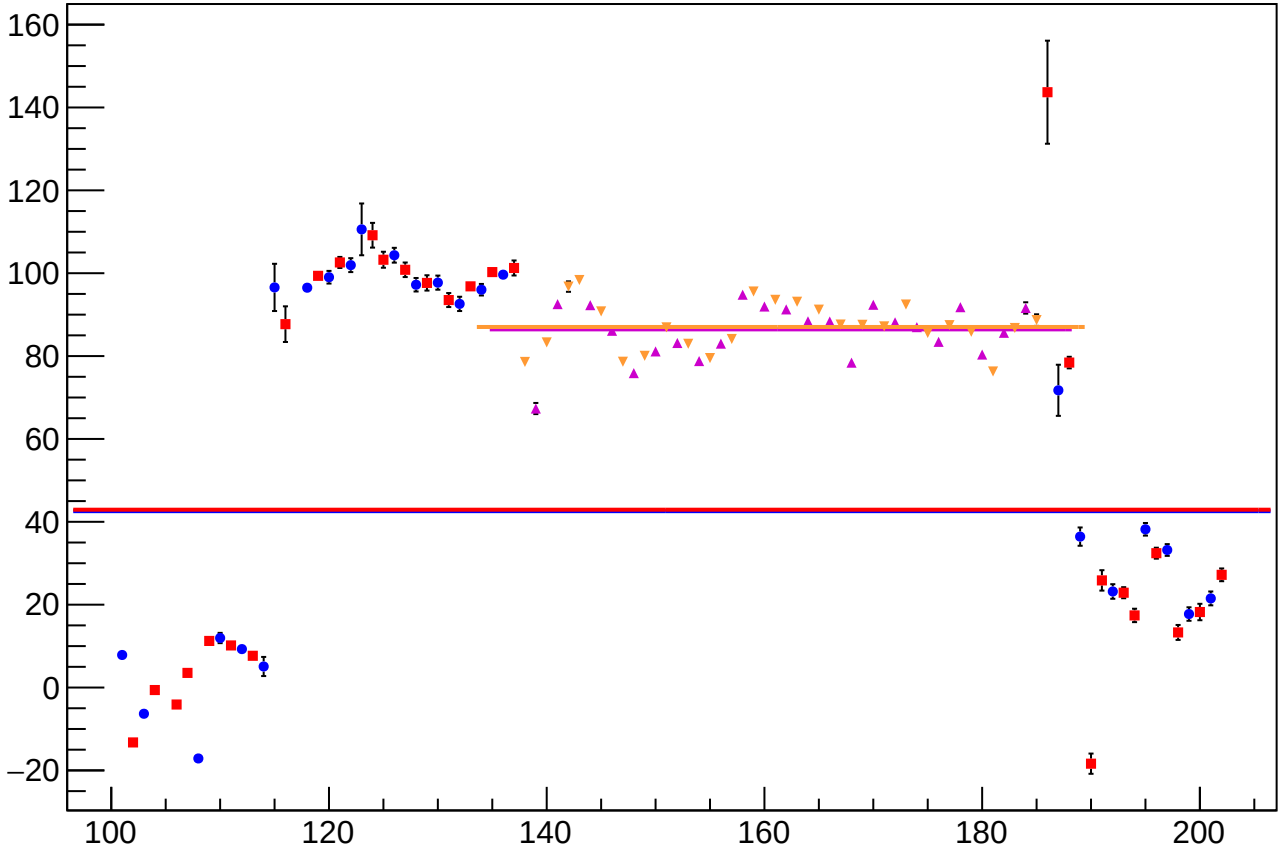
Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

+ sign 11.701+/-0.171 χ^2/NDF: 3445.7/48

All: 11.188+/-0.117 χ^2/NDF: 7046.6/99

- sign 10.738+/-0.160 χ^2/NDF: 3584.1/50

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 42.569+/-0.276 χ^2/NDF: 25748.8/23

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 42.923+/-0.257 χ^2/NDF: 30463.1/27

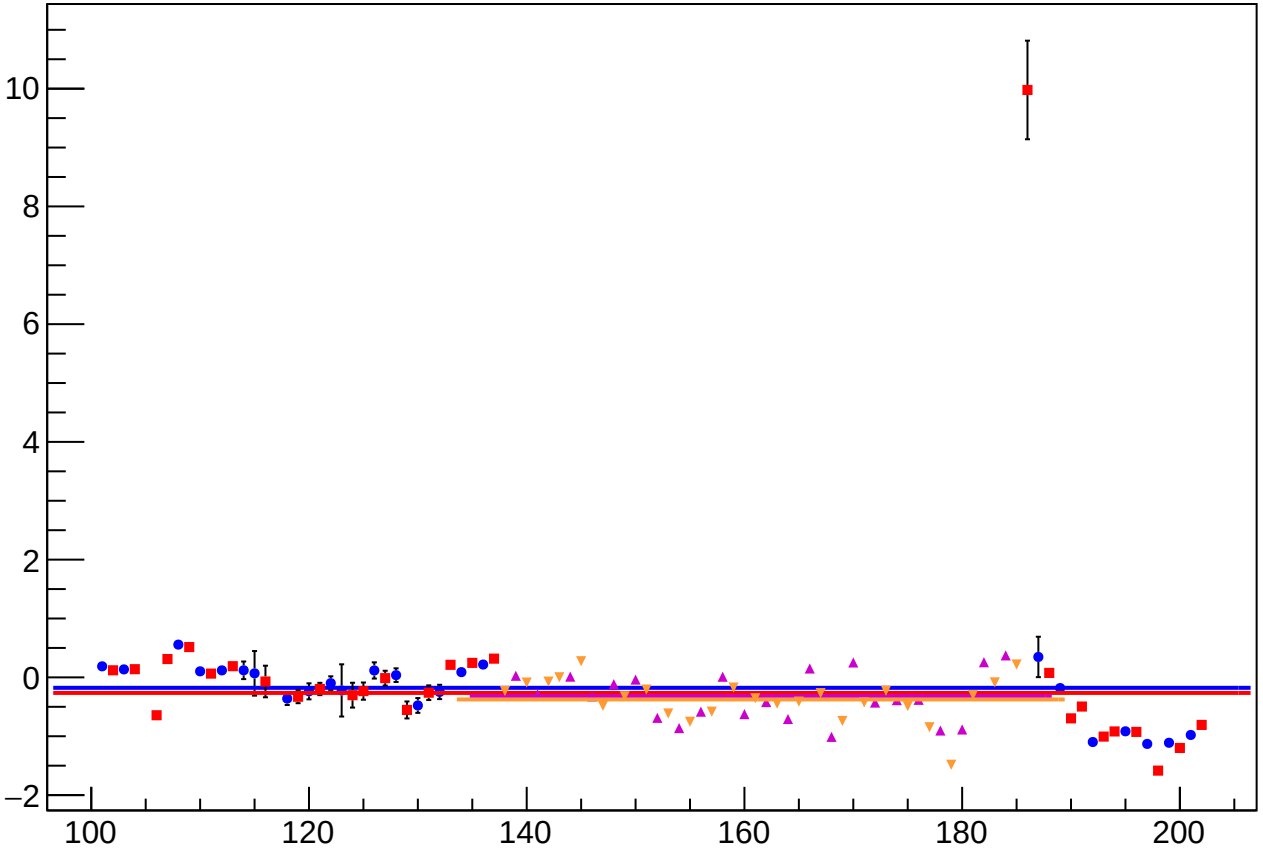
Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

+ sign 73.836+/-0.151 χ^2/NDF: 45003.5/48

All: 72.755+/-0.106 χ^2/NDF: 95576.8/99

- sign 71.687+/-0.150 χ^2/NDF: 50470.7/50

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.177+/-0.012 χ^2/NDF: 2629.6/23

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.264+/-0.010 χ^2/NDF: 3325.5/27

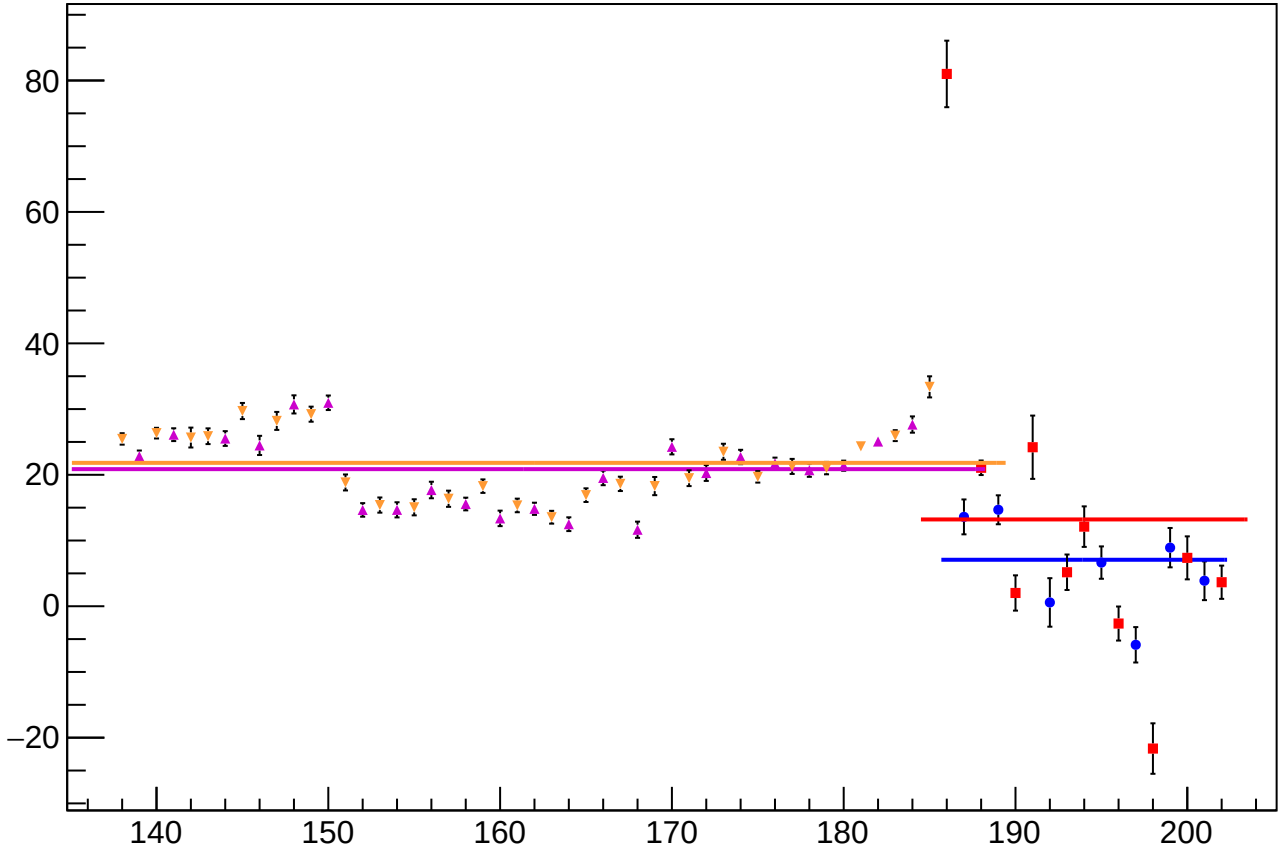
Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

+ sign -0.309+/-0.007 χ^2/NDF: 4482.5/48

All: -0.304+/-0.005 χ^2/NDF: 10152.2/99

- sign -0.299+/-0.006 χ^2/NDF: 5668.4/50

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 7.072+/-1.026 χ^2/NDF: 45.7/6

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 13.208+/-0.757 χ^2/NDF: 398.6/9

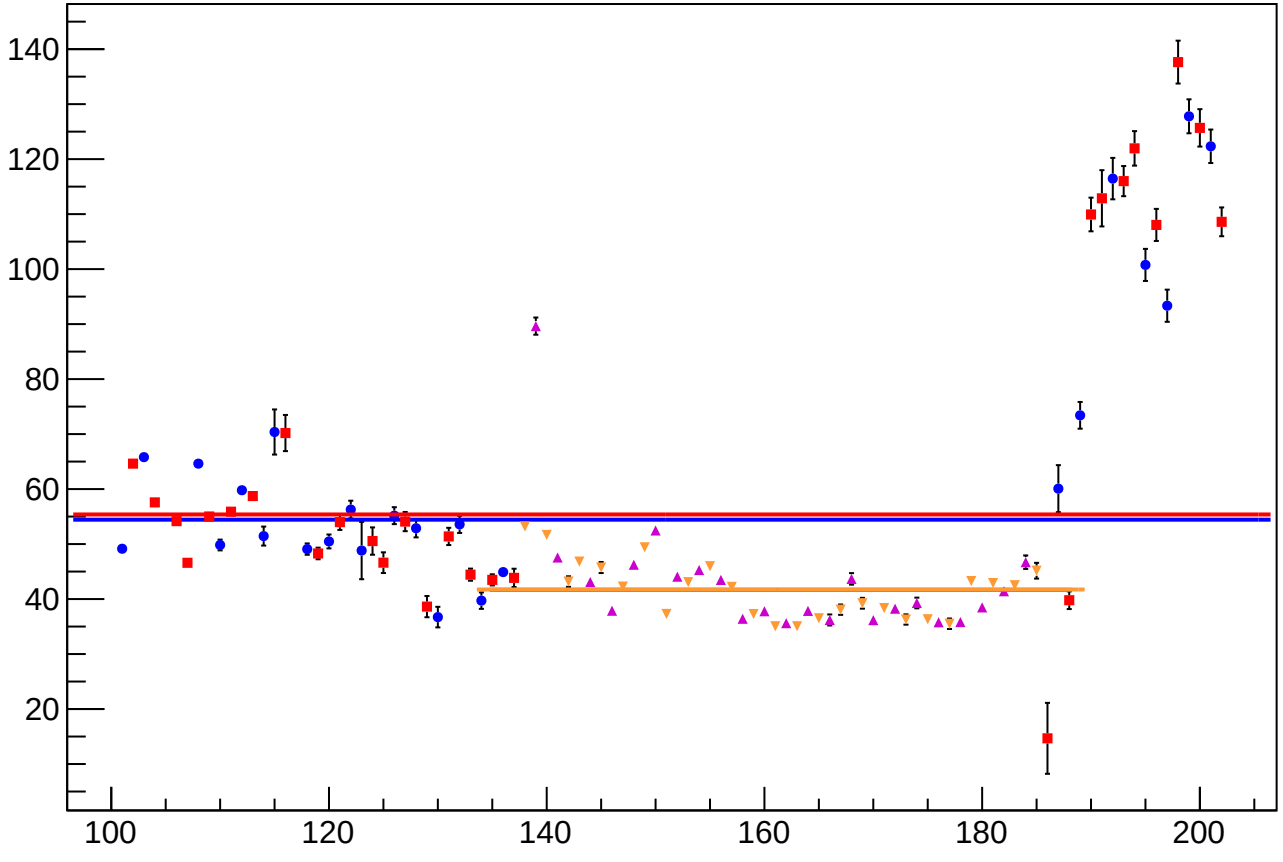
Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

+ sign 21.223+/-0.206 χ^2/NDF: 766.8/31

All: 20.758+/-0.146 χ^2/NDF: 1845.8/64

- sign 20.286+/-0.207 χ^2/NDF: 1068.7/32

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 54.435+/-0.207 χ^2/NDF: 3070.7/23

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 55.382+/-0.221 χ^2/NDF: 4072.5/27

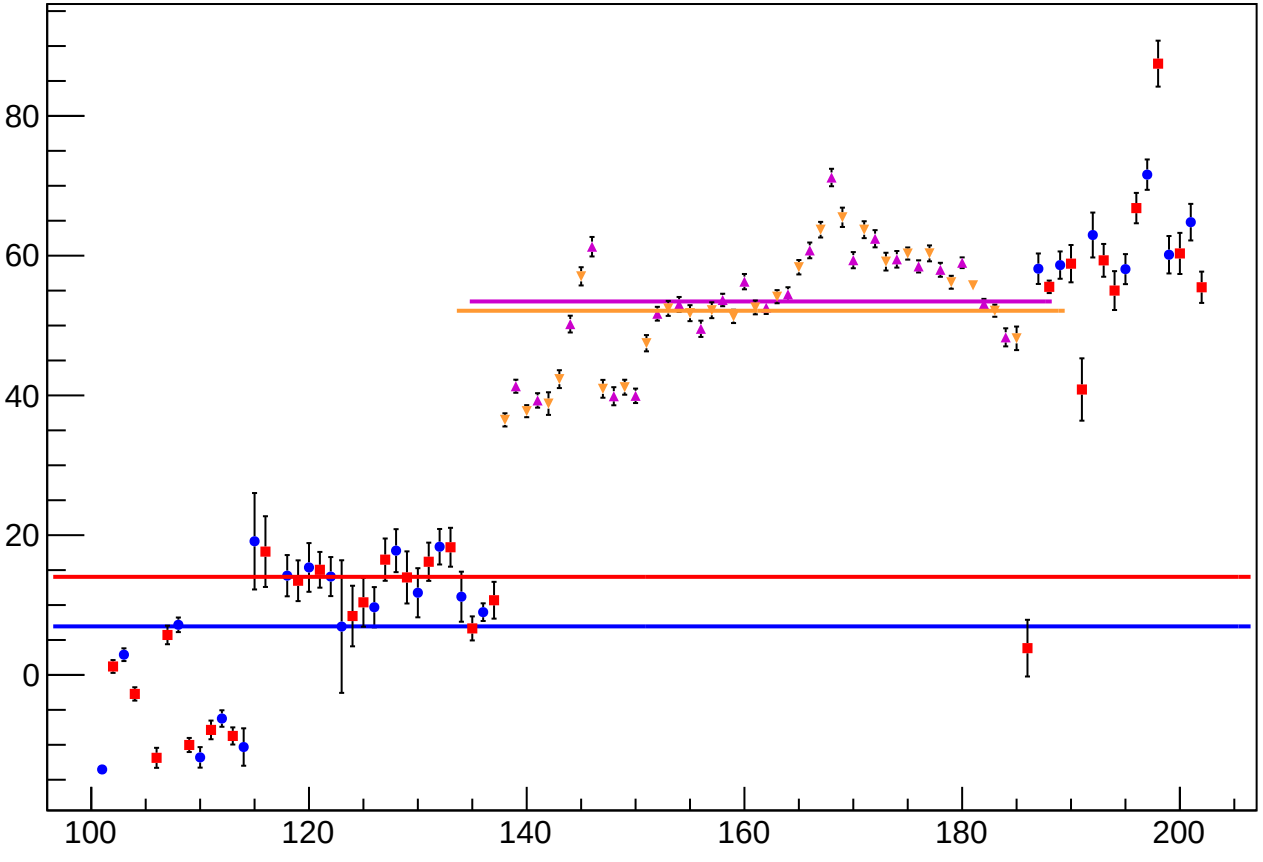
Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

+ sign 46.705+/-0.129 χ^2/NDF: 6380.6/48

All: 46.802+/-0.094 χ^2/NDF: 14551.9/99

- sign 46.910+/-0.136 χ^2/NDF: 8170.1/50

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 6.947+/-0.336 χ^2/NDF: 5382.5/23

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 14.037+/-0.327 χ^2/NDF: 6829.8/27

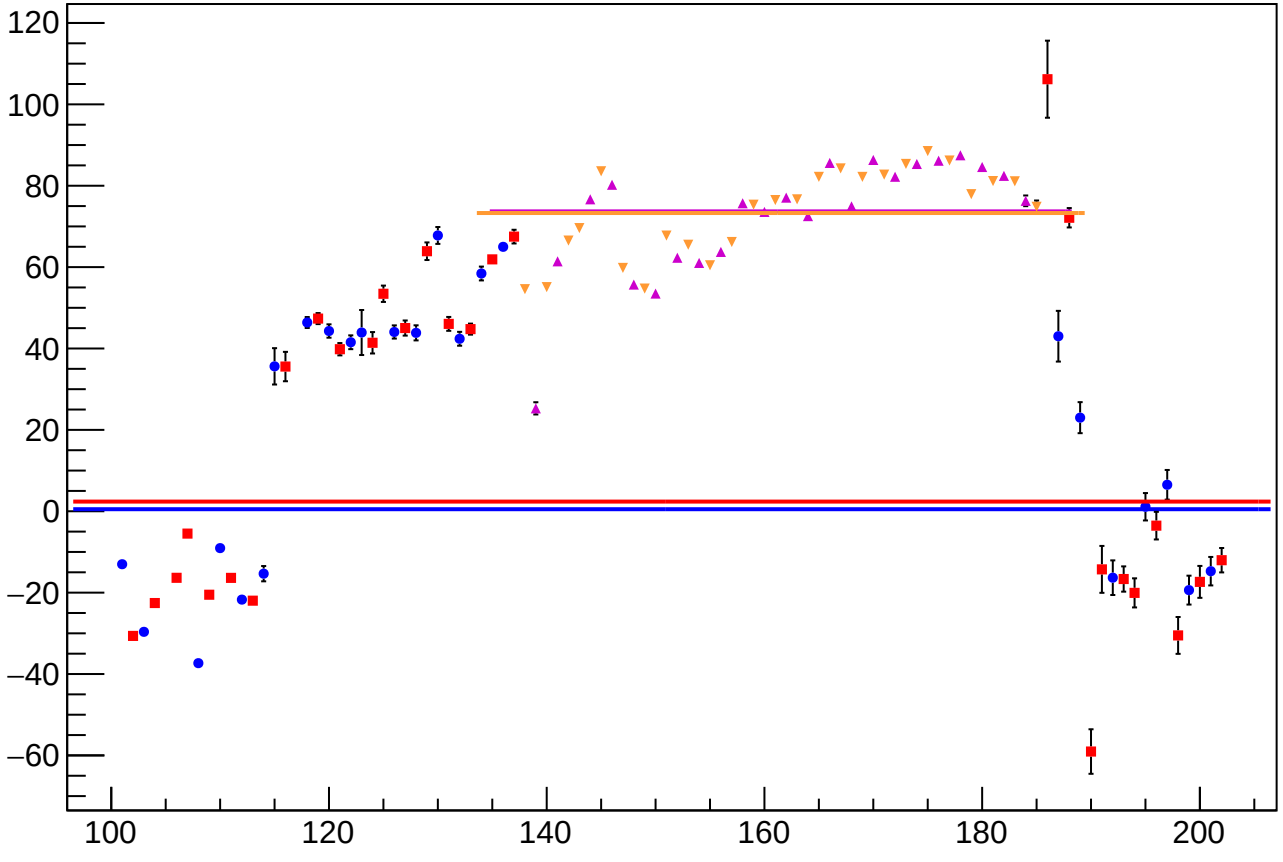
Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

+ sign 39.411+/-0.178 χ^2/NDF: 19786.6/48

All: 40.500+/-0.126 χ^2/NDF: 38013.1/99

- sign 41.601+/-0.179 χ^2/NDF: 18151.5/50

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.505+/-0.243 χ^2/NDF: 18573.9/23

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.378+/-0.261 χ^2/NDF: 16673.3/27

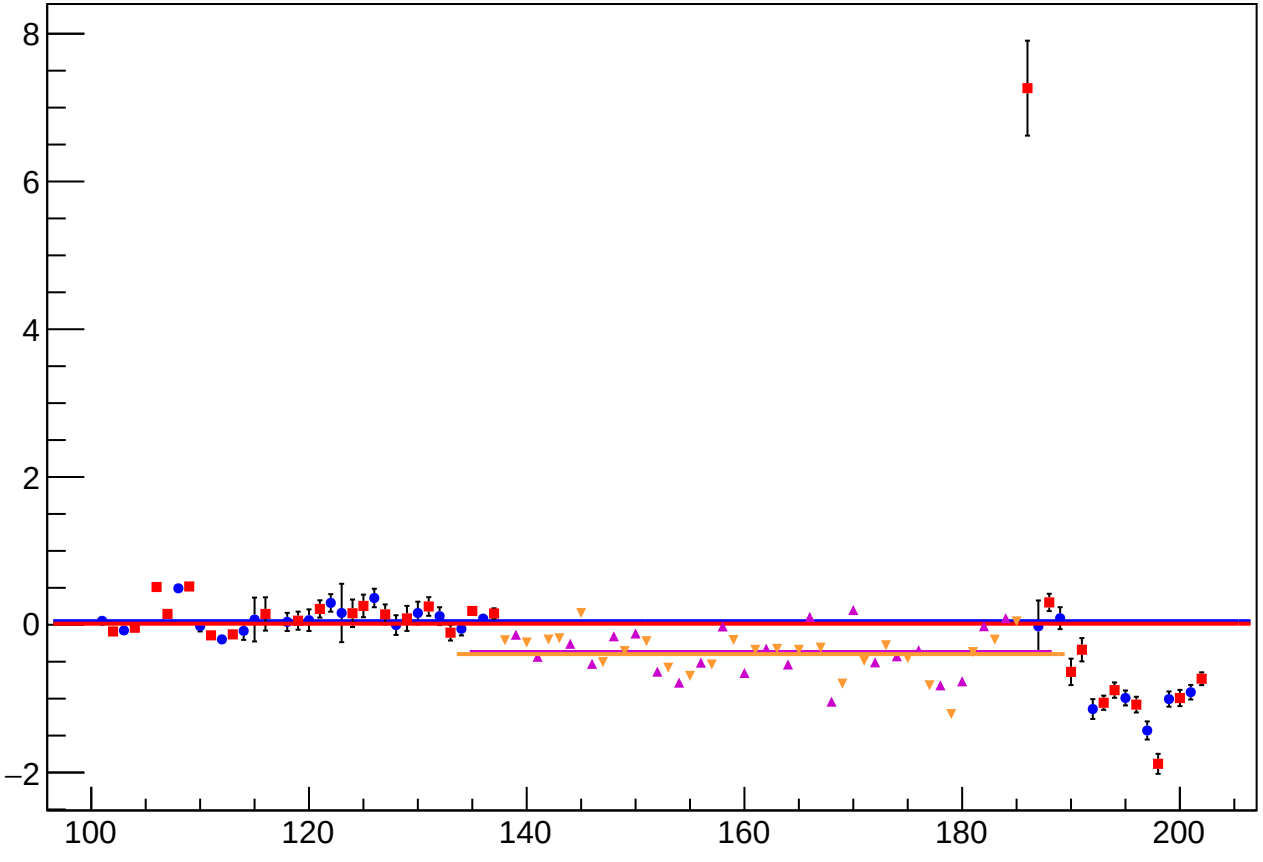
Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

+ sign 46.189+/-0.148 χ^2/NDF: 77935.8/48

All: 47.198+/-0.107 χ^2/NDF: 146796.9/99

- sign 48.306+/-0.156 χ^2/NDF: 68764.1/50

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.048+/-0.011 χ^2/NDF: 957.5/23

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.015+/-0.011 χ^2/NDF: 1239.3/27

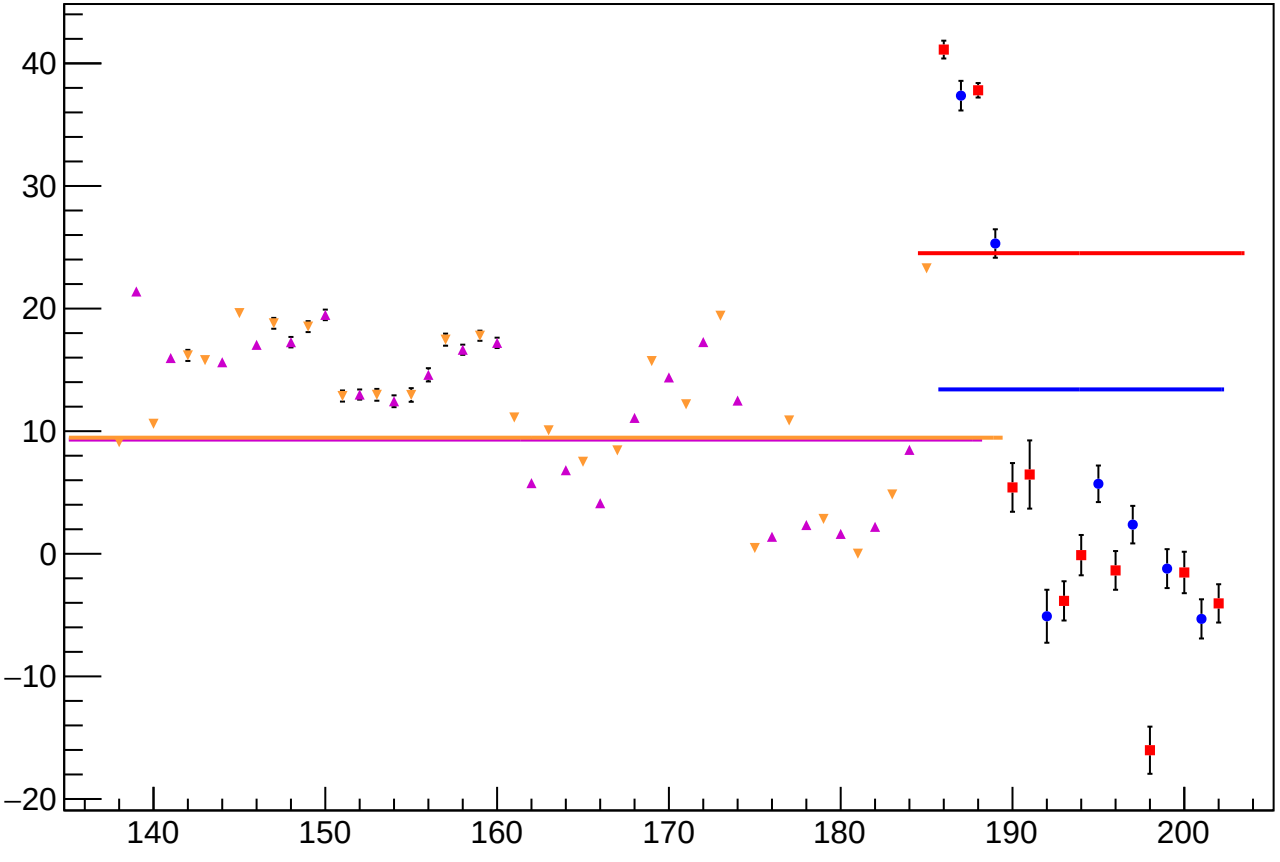
Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

+ sign -0.224+/-0.007 χ^2/NDF: 2954.0/48

All: -0.220+/-0.005 χ^2/NDF: 6299.0/99

- sign -0.216+/-0.007 χ^2/NDF: 3344.3/50

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 13.408+/-0.550 χ^2/NDF: 872.1/6

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 24.518+/-0.369 χ^2/NDF: 2985.0/9

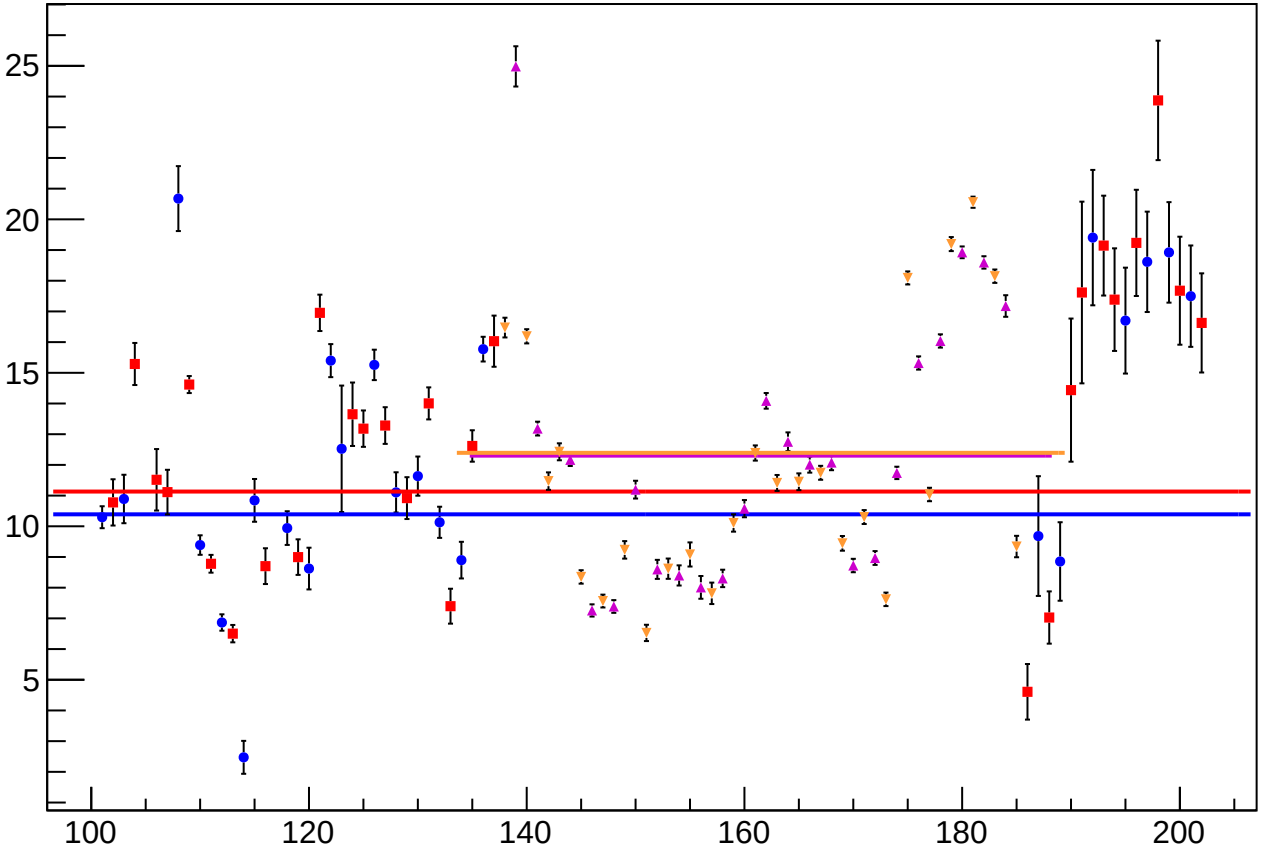
Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

+ sign 9.518+/-0.061 χ^2/NDF: 13500.8/31

All: 9.628+/-0.043 χ^2/NDF: 29146.5/64

- sign 9.741+/-0.062 χ^2/NDF: 15639.1/32

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.390+/-0.117 χ^2/NDF: 982.2/23

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 11.132+/-0.113 χ^2/NDF: 1013.6/27

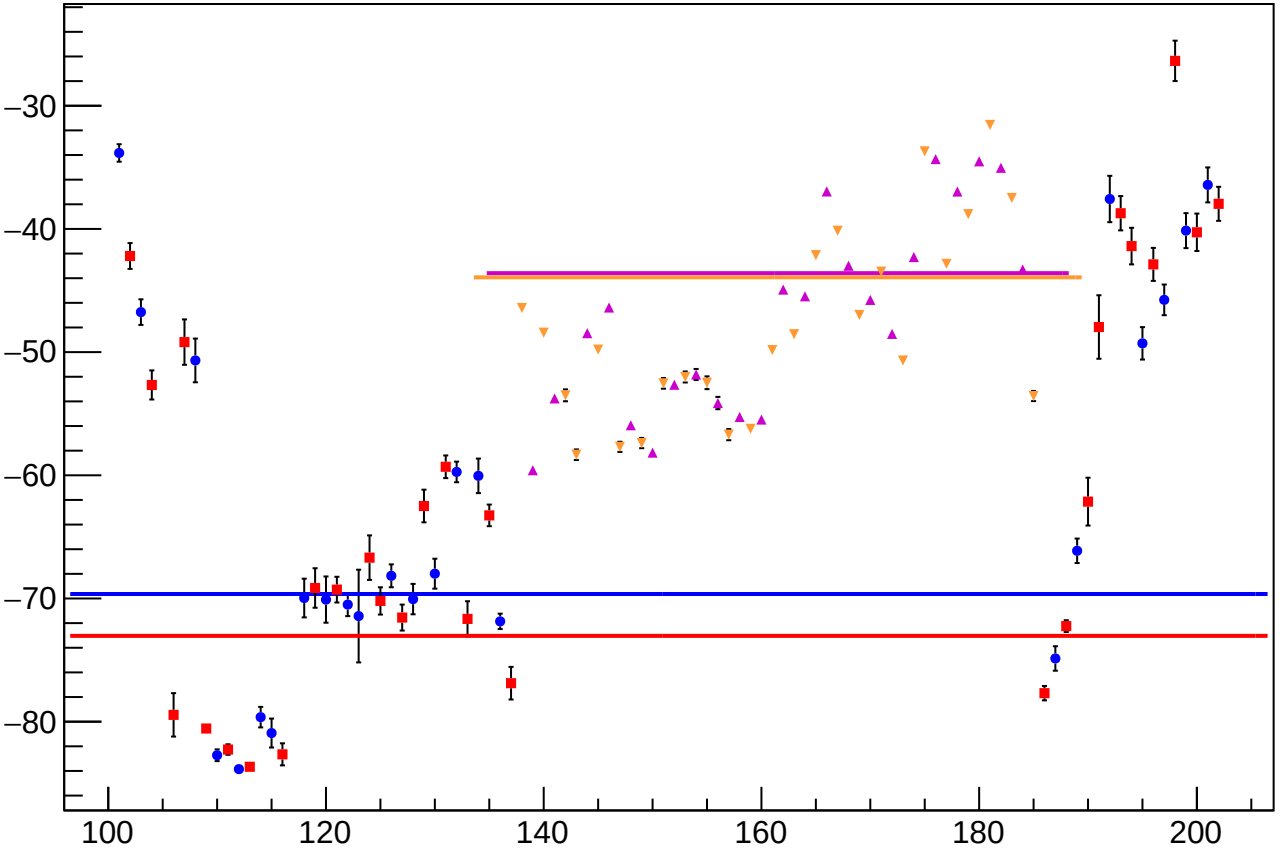
Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

+ sign 12.085+/-0.046 χ^2/NDF: 8756.9/48

All: 12.094+/-0.033 χ^2/NDF: 15521.2/99

- sign 12.103+/-0.047 χ^2/NDF: 6764.2/50

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -69.636+/-0.182 χ^2/NDF: 7653.2/23

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -73.033+/-0.156 χ^2/NDF: 7200.9/27

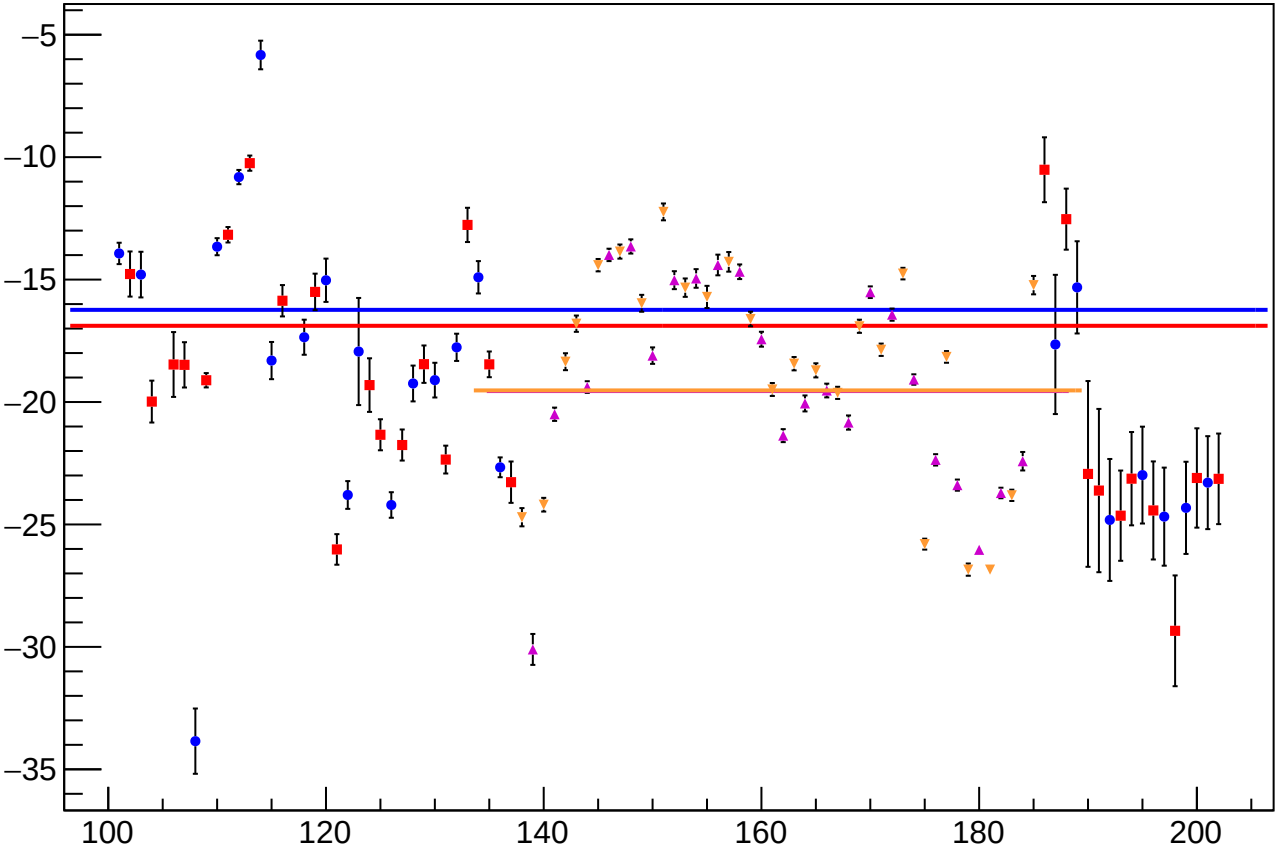
Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

+ sign -46.599+/-0.059 χ^2/NDF: 43063.2/48

All: -47.163+/-0.041 χ^2/NDF: 96598.2/99

- sign -47.722+/-0.058 χ^2/NDF: 53351.2/50

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.236+/-0.130 χ^2/NDF: 1716.5/23

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.887+/-0.125 χ^2/NDF: 1342.5/27

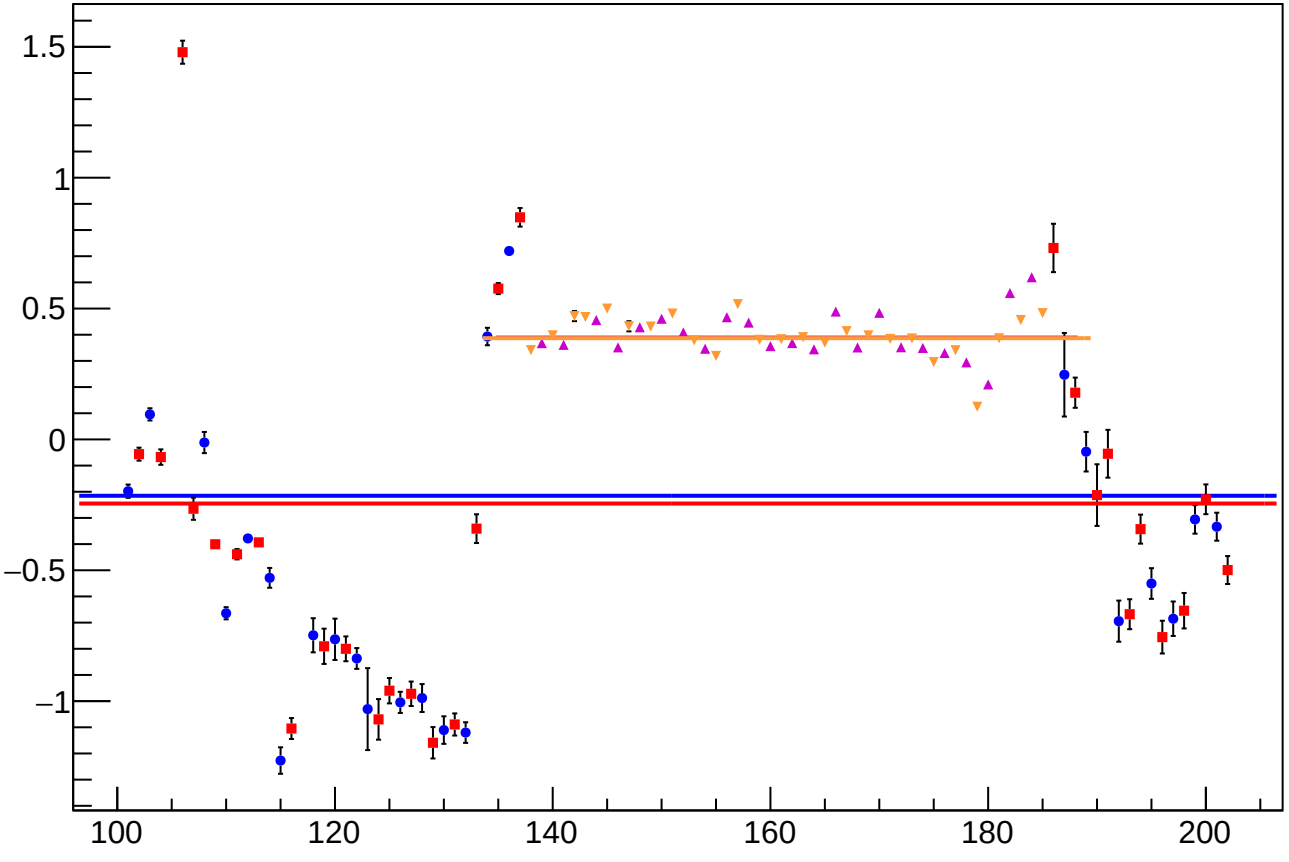
Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

+ sign -19.015+/-0.051 χ^2/NDF: 8748.3/48

All: -19.054+/-0.037 χ^2/NDF: 14825.8/99

- sign -19.093+/-0.052 χ^2/NDF: 6076.3/50

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.215+/-0.007 χ^2/NDF: 6486.0/23

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.245+/-0.007 χ^2/NDF: 6562.0/27

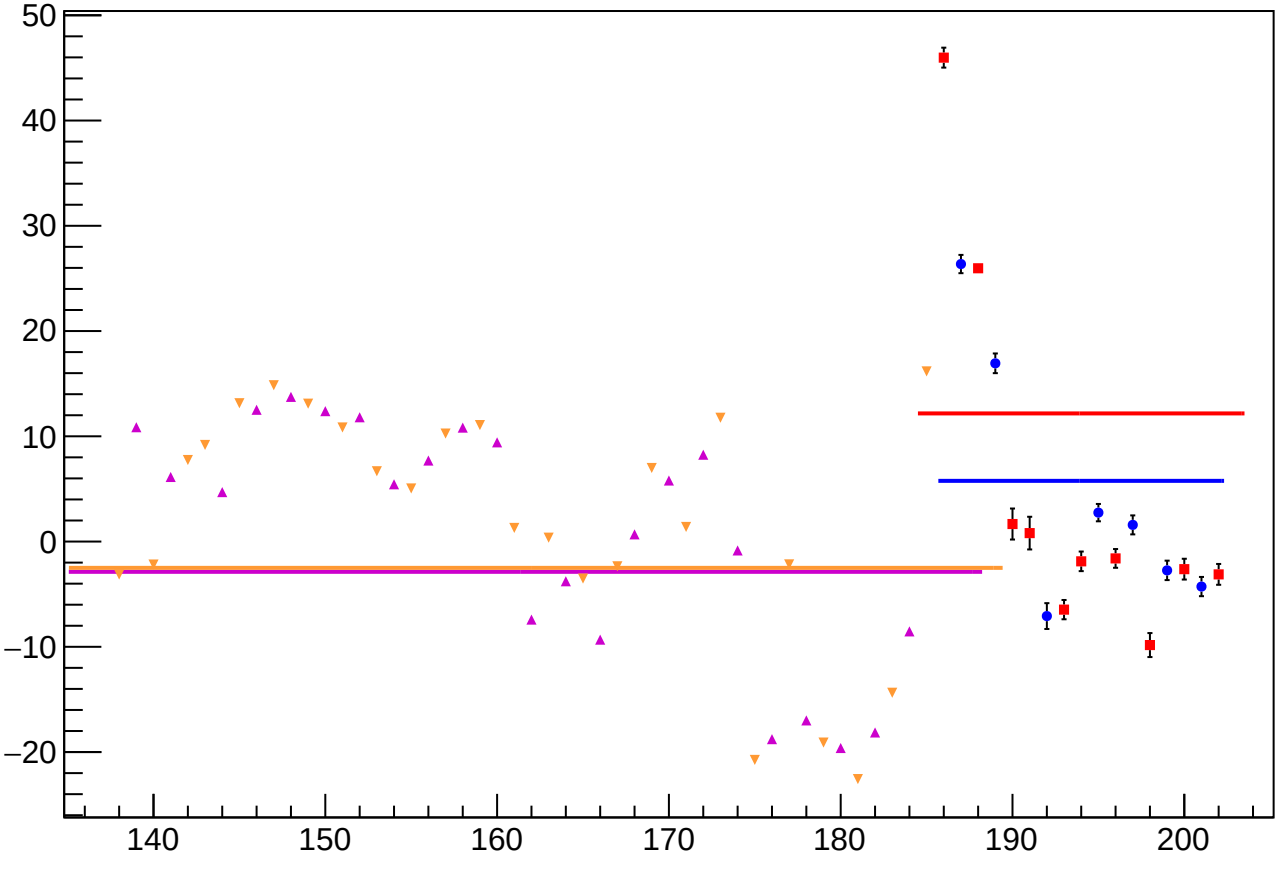
Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

+ sign 0.319+/-0.002 χ^2/NDF: 13655.0/48

All: 0.313+/-0.002 χ^2/NDF: 29098.2/99

- sign 0.307+/-0.002 χ^2/NDF: 15431.1/50

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 5.767+/-0.349 χ^2/NDF: 1055.7/6

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 12.174+/-0.268 χ^2/NDF: 4133.5/9

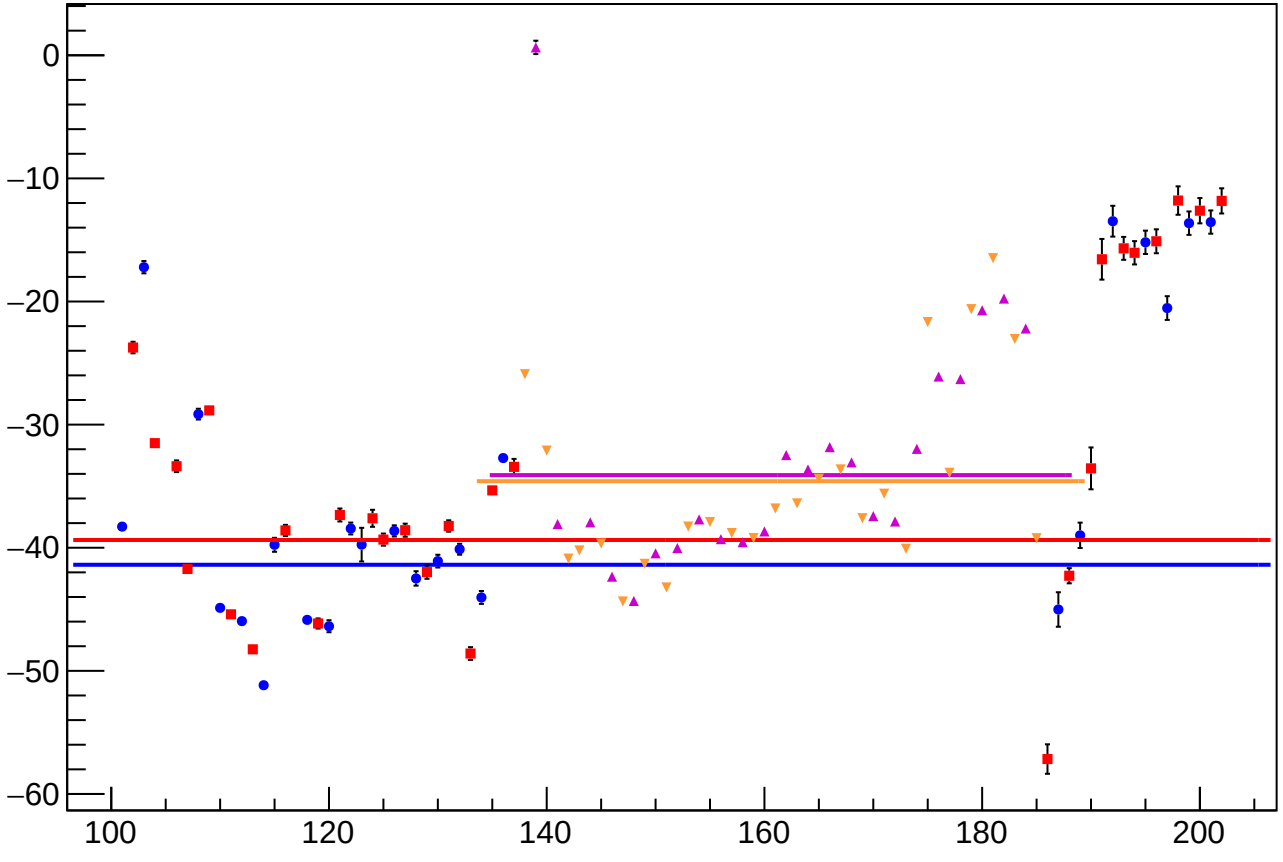
Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

+ sign -2.313+/-0.052 χ^2/NDF: 57534.4/31

All: -2.296+/-0.037 χ^2/NDF: 111067.0/64

- sign -2.278+/-0.054 χ^2/NDF: 53532.4/32

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.383+/-0.076 χ^2/NDF: 10137.1/23

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -39.370+/-0.071 χ^2/NDF: 15287.1/27

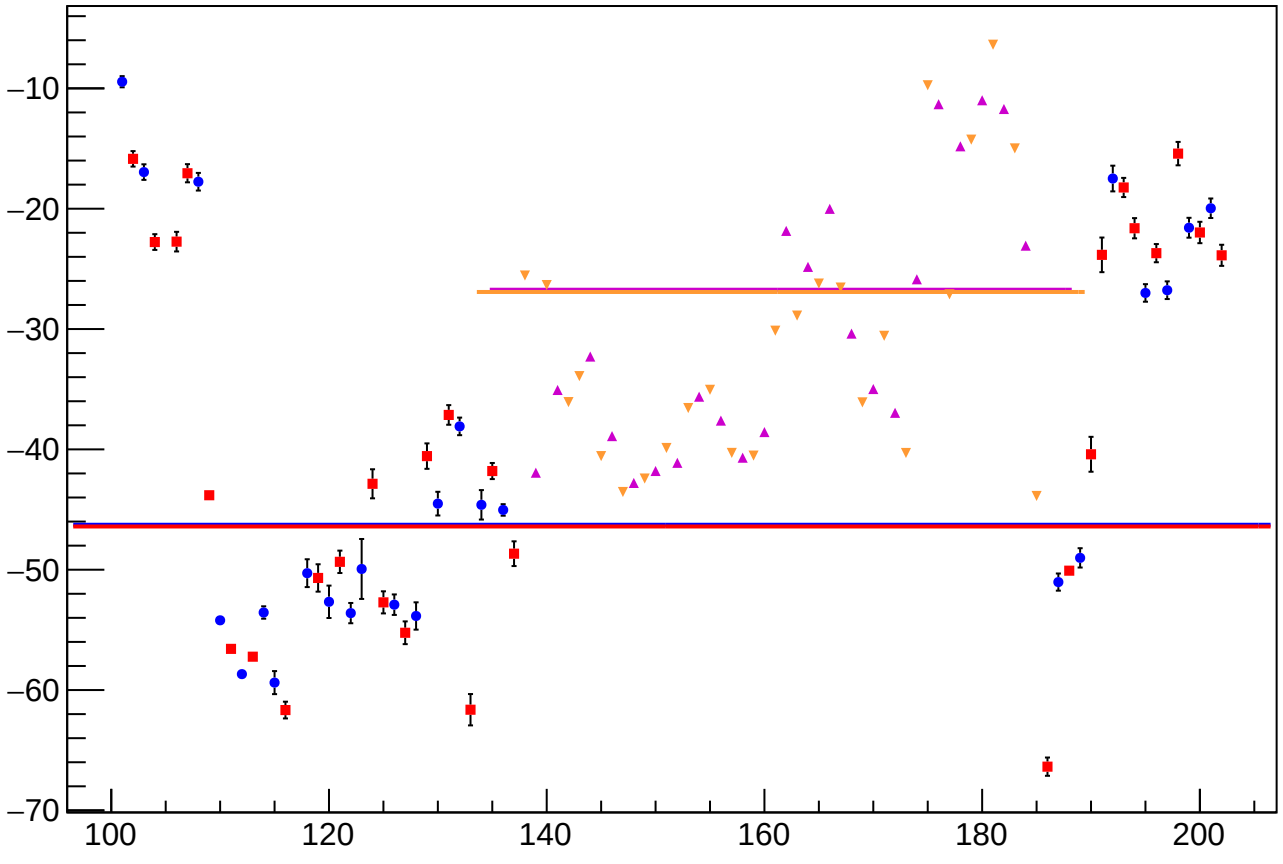
Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

+ sign -36.171+/-0.037 χ^2/NDF: 50622.3/48

All: -35.867+/-0.026 χ^2/NDF: 99407.8/99

- sign -35.554+/-0.037 χ^2/NDF: 48646.9/50

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -46.264+/-0.115 χ^2/NDF: 19183.8/23

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -46.408+/-0.097 χ^2/NDF: 17909.2/27

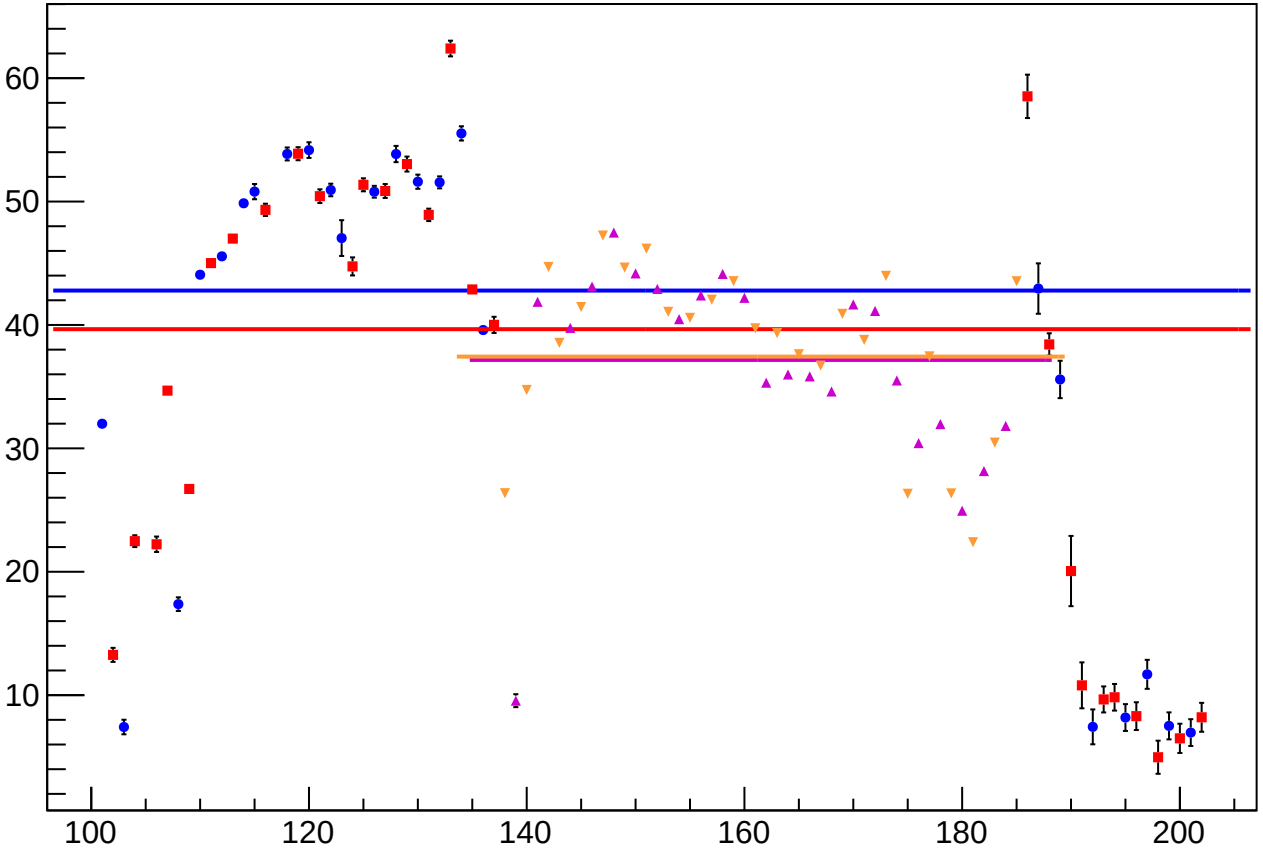
Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

+ sign -30.347+/-0.048 χ^2/NDF: 91691.8/48

All: -30.920+/-0.034 χ^2/NDF: 183681.1/99

- sign -31.476+/-0.048 χ^2/NDF: 91713.1/50

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 42.788+/-0.085 χ^2/NDF: 15262.7/23

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 39.658+/-0.079 χ^2/NDF: 22027.4/27

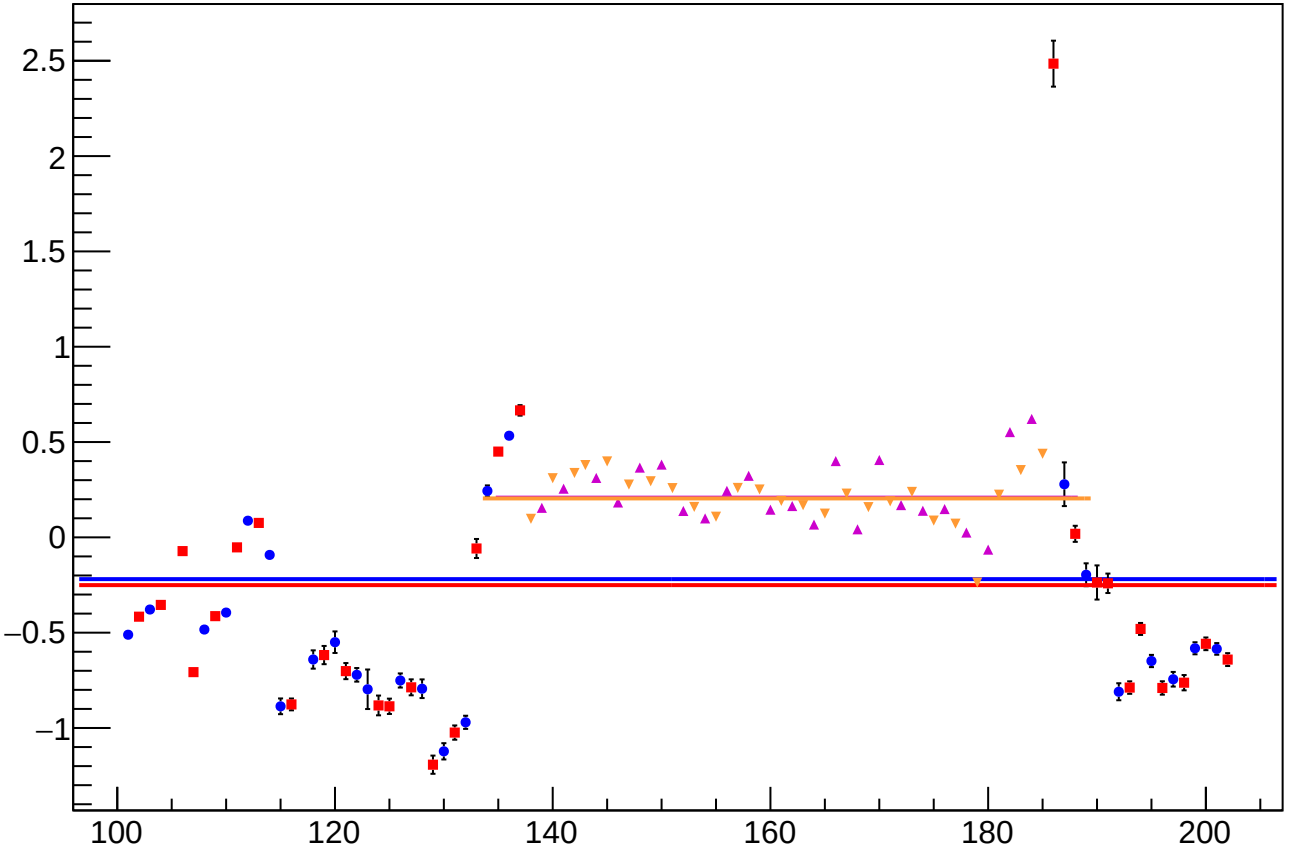
Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

+ sign 38.697+/-0.041 χ^2/NDF: 39795.1/48

All: 38.283+/-0.029 χ^2/NDF: 80174.4/99

- sign 37.864+/-0.042 χ^2/NDF: 40178.1/50

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.219+/-0.005 χ^2/NDF: 8284.7/23

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.251+/-0.004 χ^2/NDF: 9014.9/27

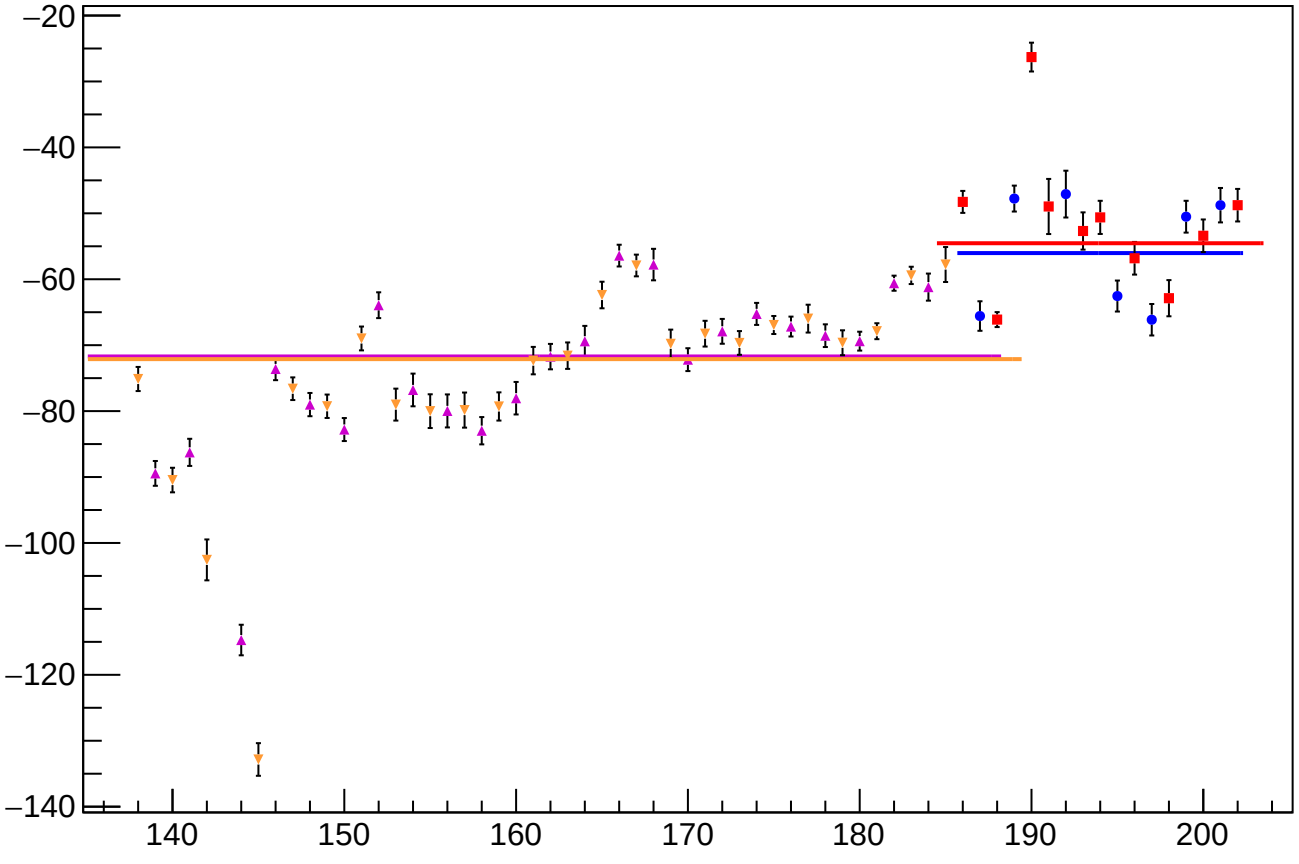
Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

+ sign 0.126+/-0.002 χ^2/NDF: 19013.7/48

All: 0.114+/-0.001 χ^2/NDF: 42921.7/99

- sign 0.102+/-0.002 χ^2/NDF: 23832.2/50

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -56.029+/-0.908 χ^2/NDF: 80.8/6

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -54.537+/-0.658 χ^2/NDF: 305.6/9

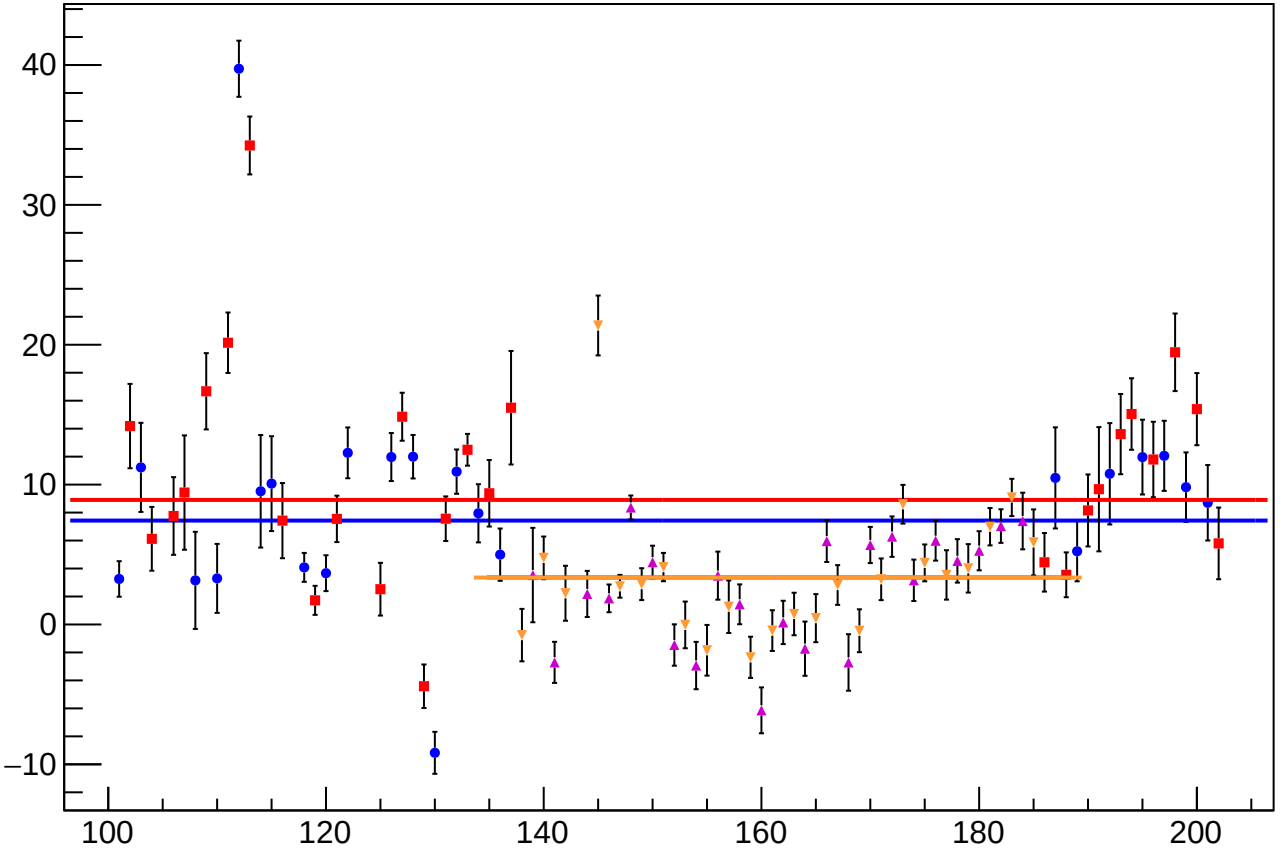
Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

+ sign -69.689+/-0.353 χ^2/NDF: 1472.3/30

All: -68.472+/-0.241 χ^2/NDF: 3195.6/63

- sign -67.412+/-0.329 χ^2/NDF: 1701.0/32

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.429+/-0.399 χ^2/NDF: 457.6/22

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.906+/-0.389 χ^2/NDF: 396.6/26

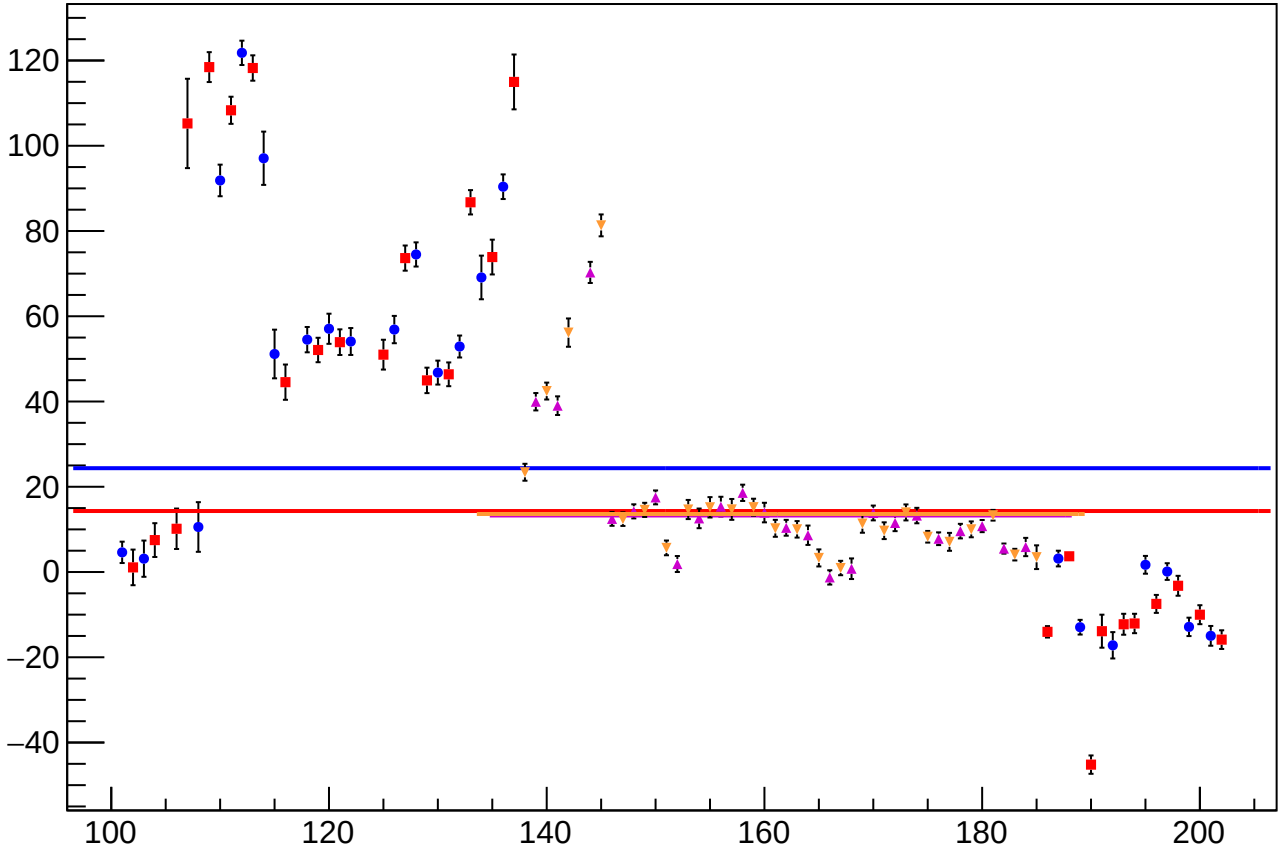
Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

+ sign 4.792+/-0.237 χ^2/NDF: 693.0/46

All: 5.100+/-0.167 χ^2/NDF: 1385.7/96

- sign 5.407+/-0.236 χ^2/NDF: 689.3/49

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 24.358+/-0.570 χ^2/NDF: 4862.0/22

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 14.310+/-0.466 χ^2/NDF: 7440.0/26

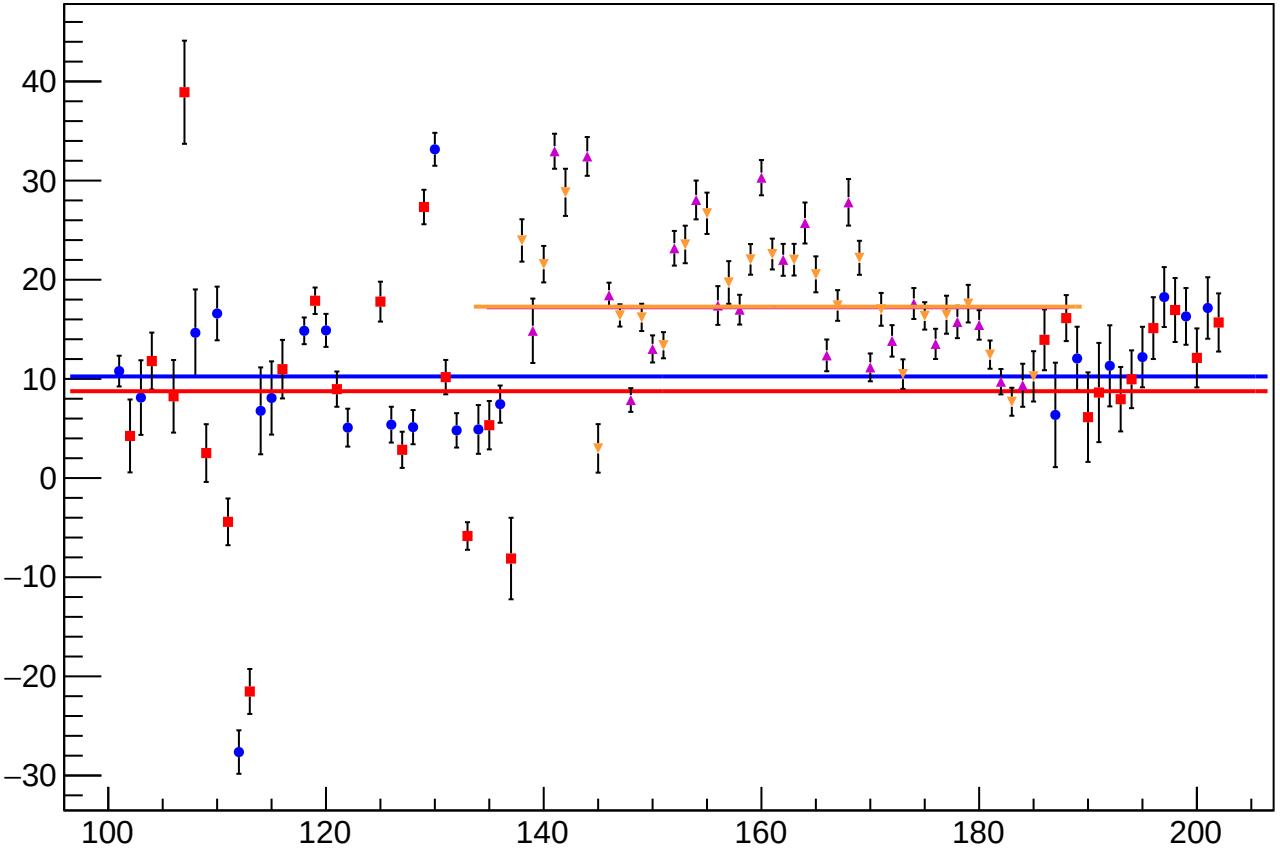
Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

+ sign 16.935+/-0.317 χ^2/NDF: 6410.6/46

All: 15.182+/-0.216 χ^2/NDF: 14987.3/96

- sign 13.679+/-0.294 χ^2/NDF: 8520.0/49

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 10.247+/-0.465 χ^2/NDF: 574.0/22

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.759+/-0.458 χ^2/NDF: 603.6/26

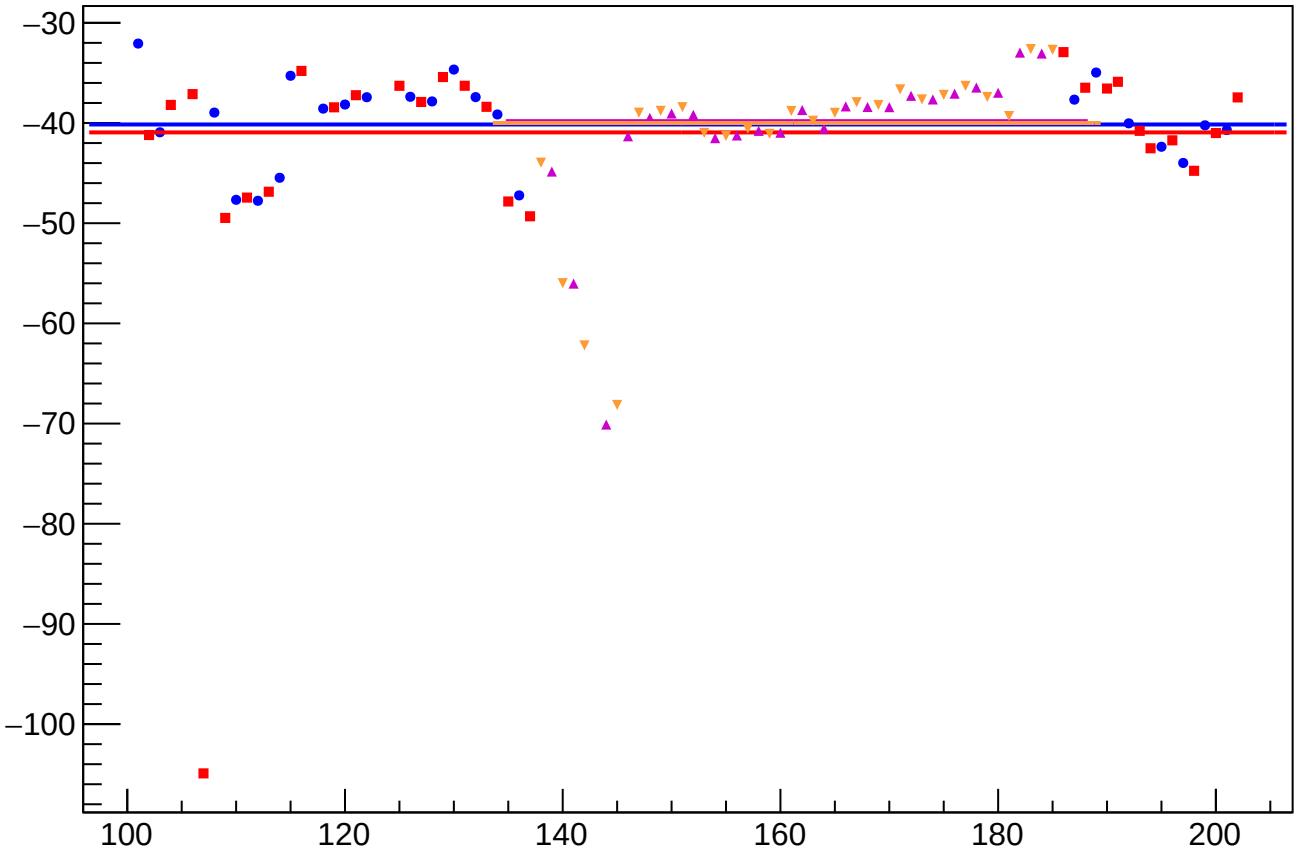
Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

+ sign 14.864+/-0.273 χ^2/NDF: 968.0/46

All: 14.547+/-0.193 χ^2/NDF: 2237.5/96

- sign 14.233+/-0.272 χ^2/NDF: 1266.8/49

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.145+/-0.024 χ^2/NDF: 30387.4/22

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.937+/-0.023 χ^2/NDF: 103011.0/26

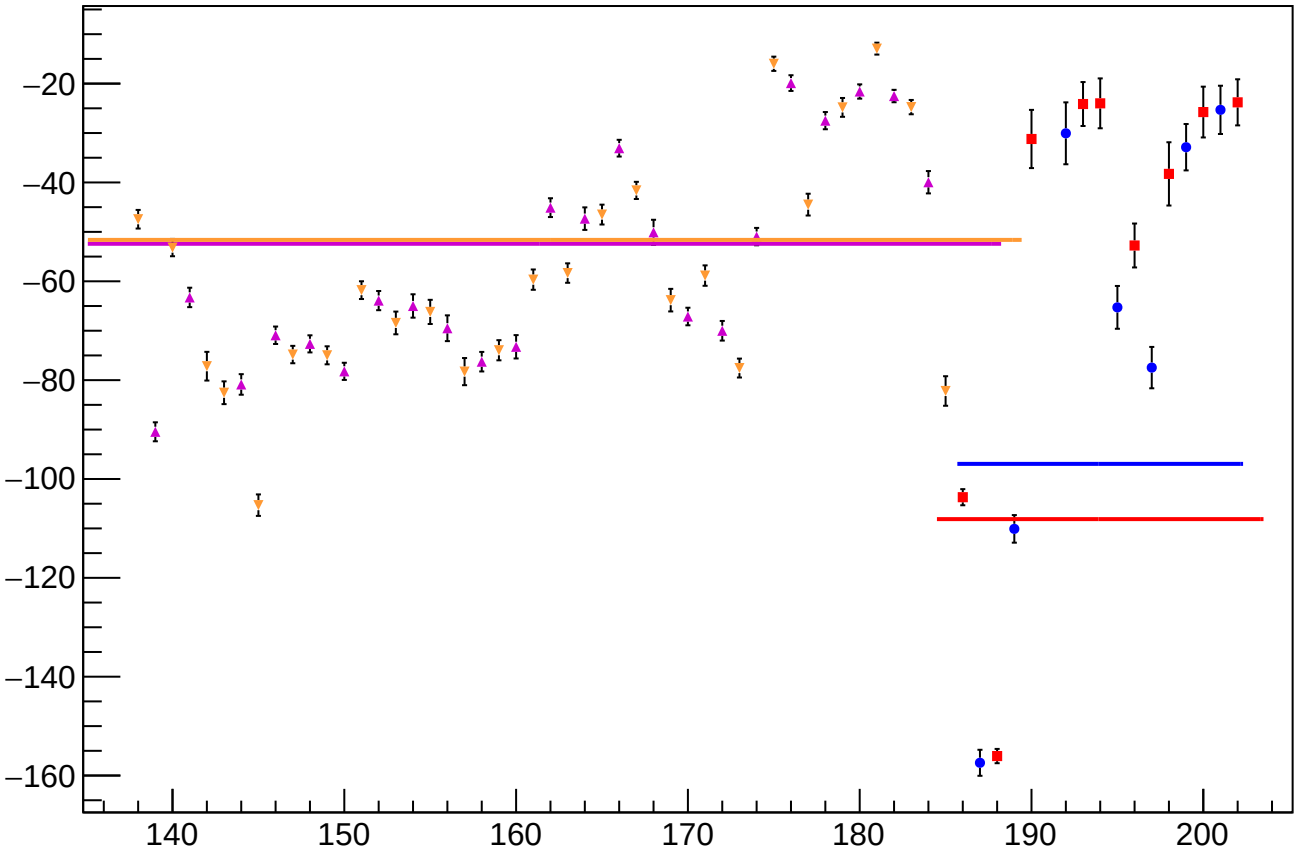
Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

+ sign -40.044+/-0.013 χ^2/NDF: 202562.0/46

All: -40.113+/-0.009 χ^2/NDF: 453099.0/96

- sign -40.177+/-0.013 χ^2/NDF: 250485.0/49

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -96.941+/-1.420 χ^2/NDF: 1141.2/6

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -108.118+/-0.940 χ^2/NDF: 2770.5/8

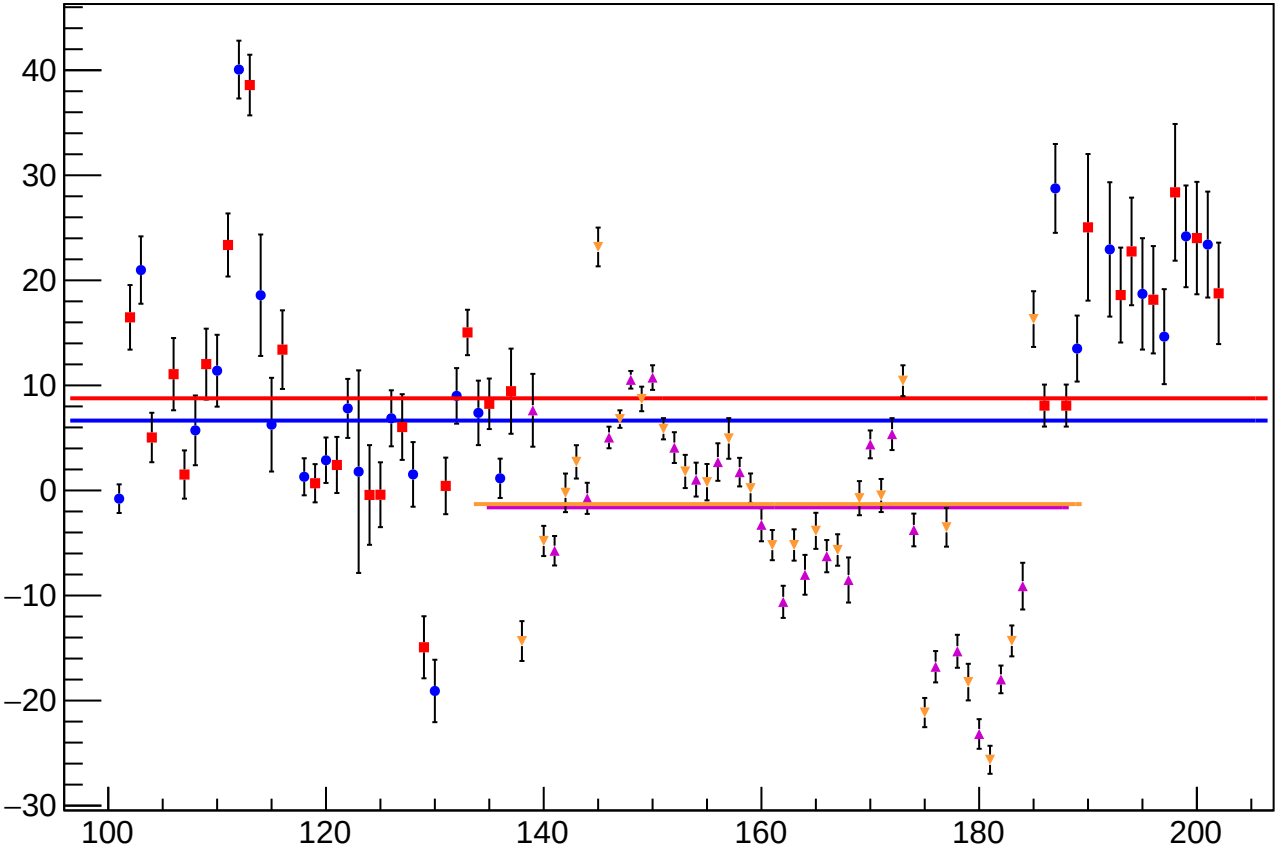
Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

+ sign -54.702+/-0.370 χ^2/NDF: 6223.7/31

All: -57.693+/-0.257 χ^2/NDF: 15502.0/63

- sign -60.490+/-0.358 χ^2/NDF: 9152.0/31

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 6.651+/-0.583 χ^2/NDF: 374.4/23

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 8.772+/-0.569 χ^2/NDF: 316.0/26

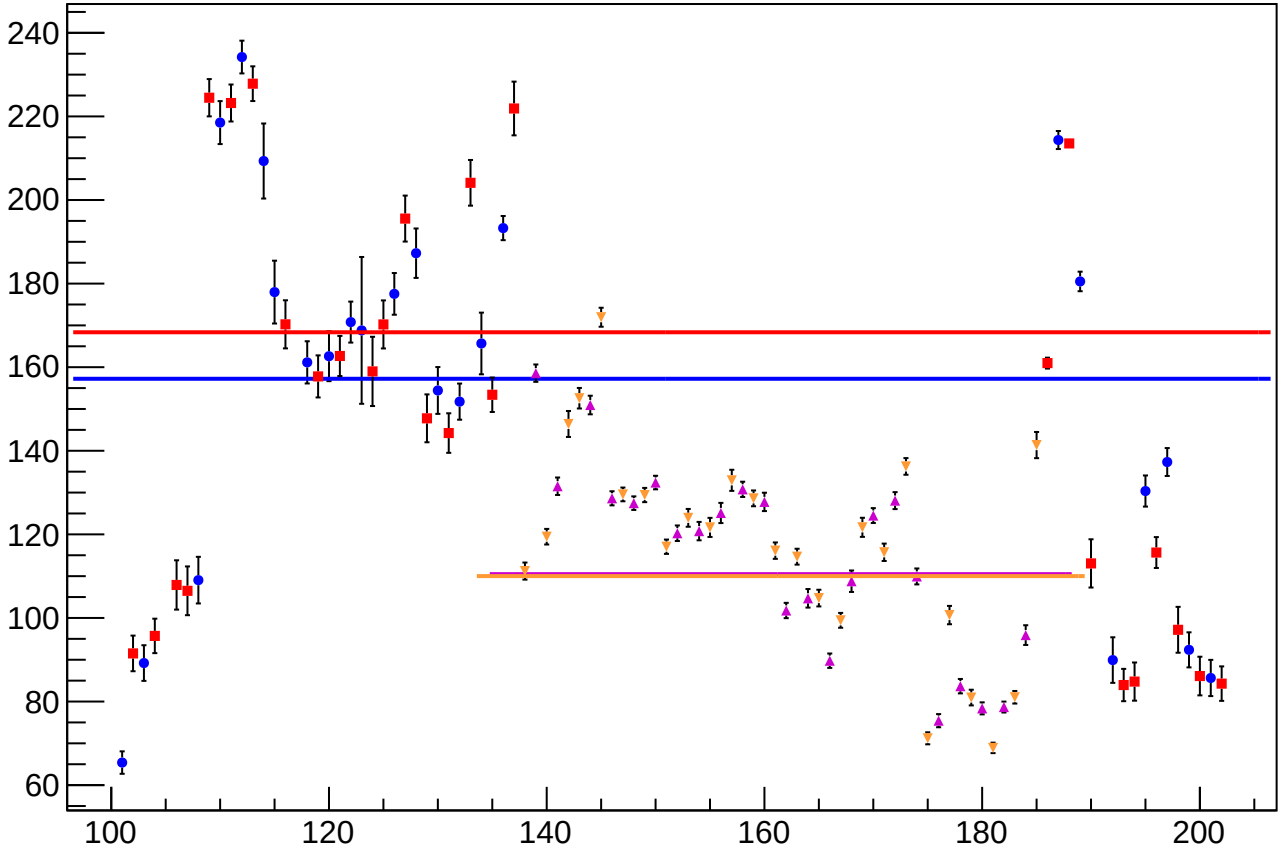
Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

+ sign 0.298+/-0.261 χ^2/NDF: 1838.7/48

All: 0.470+/-0.186 χ^2/NDF: 3513.8/98

- sign 0.647+/-0.265 χ^2/NDF: 1674.3/49

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 157.229+/-0.826 χ^2/NDF: 3828.3/23

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 168.356+/-0.645 χ^2/NDF: 5120.2/26

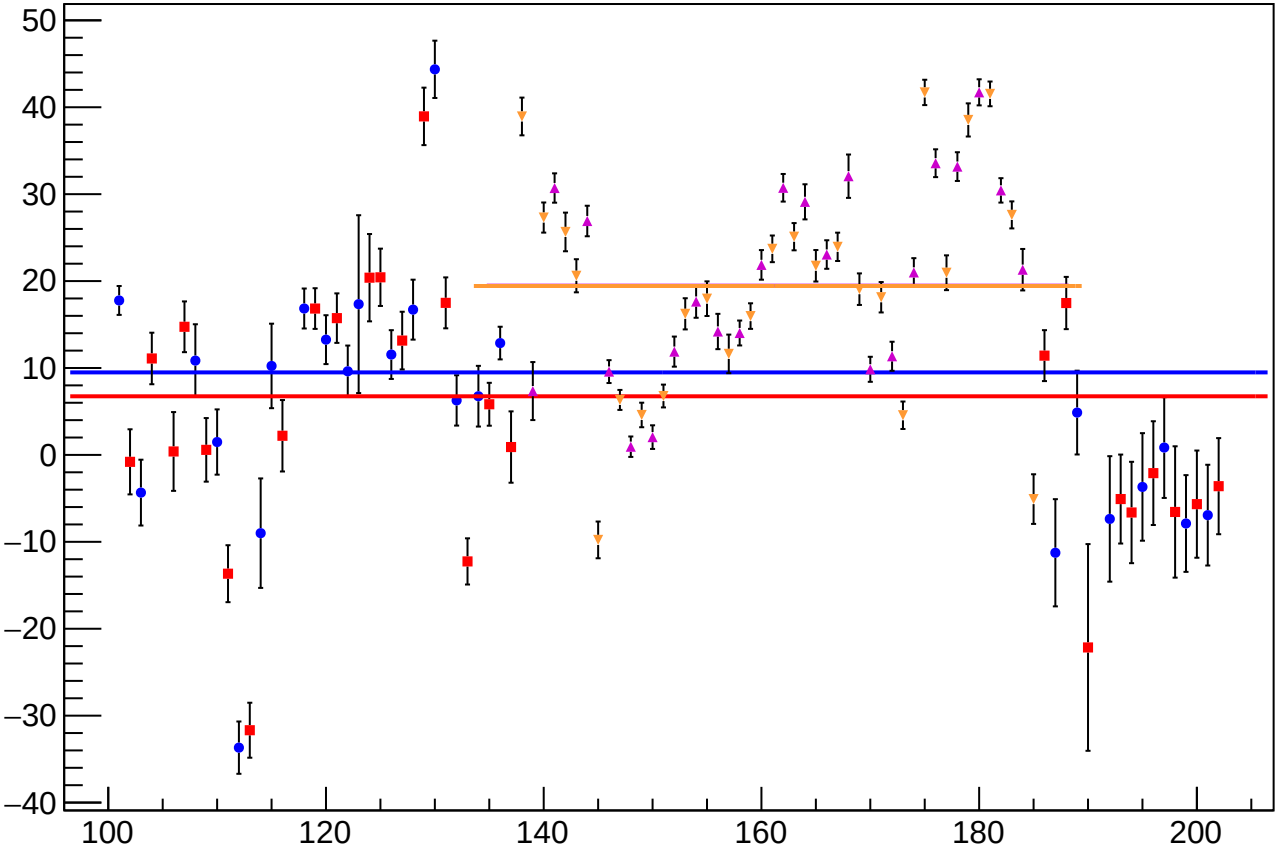
Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

+ sign 118.358+/-0.347 χ^2/NDF: 11055.0/48

All: 122.187+/-0.239 χ^2/NDF: 26164.3/98

- sign 125.653+/-0.330 χ^2/NDF: 14877.8/49

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 9.494+/-0.679 χ^2/NDF: 434.1/23

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 6.744+/-0.676 χ^2/NDF: 469.2/26

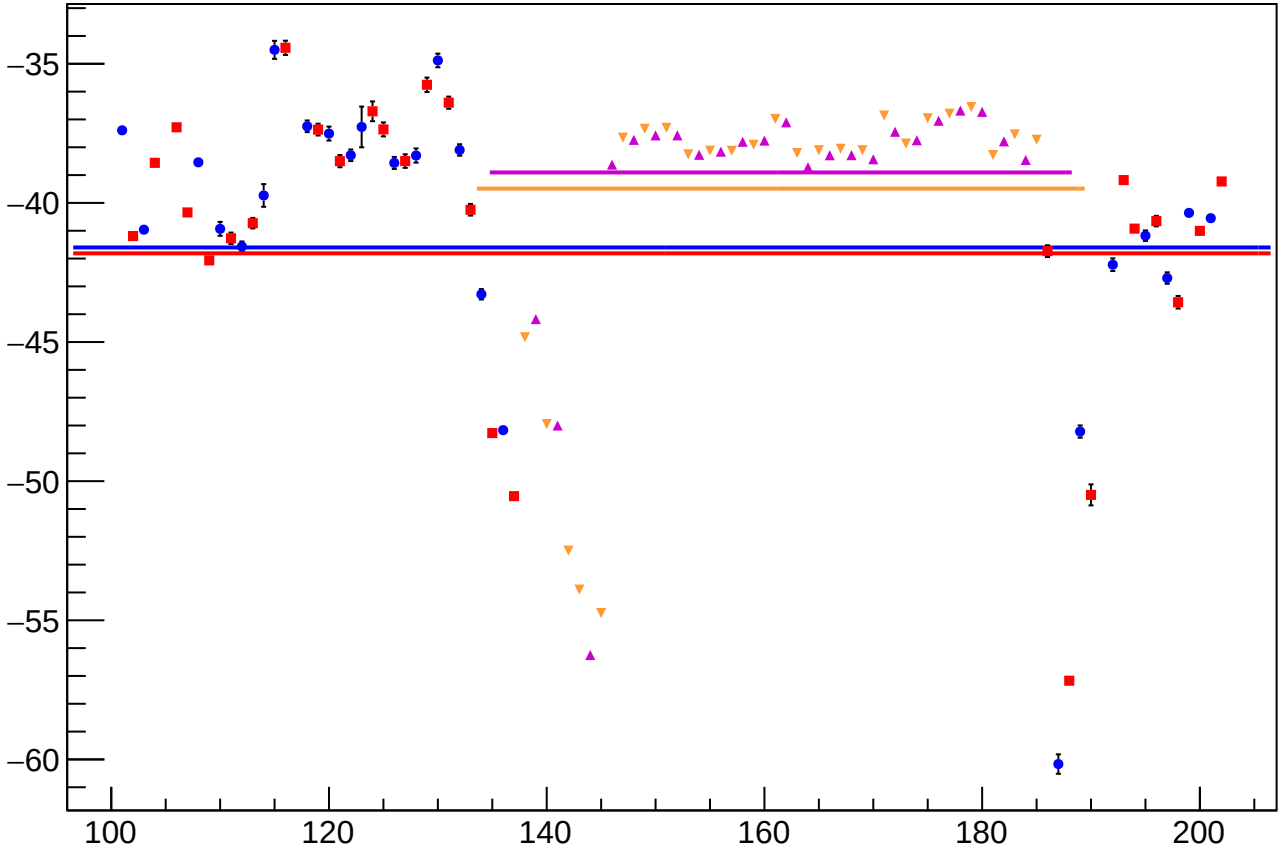
Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

+ sign 17.481+/-0.301 χ^2/NDF: 2058.8/48

All: 17.187+/-0.214 χ^2/NDF: 4000.3/98

- sign 16.885+/-0.305 χ^2/NDF: 1939.6/49

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.601+/-0.034 χ^2/NDF: 16505.2/23

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.813+/-0.033 χ^2/NDF: 22698.4/26

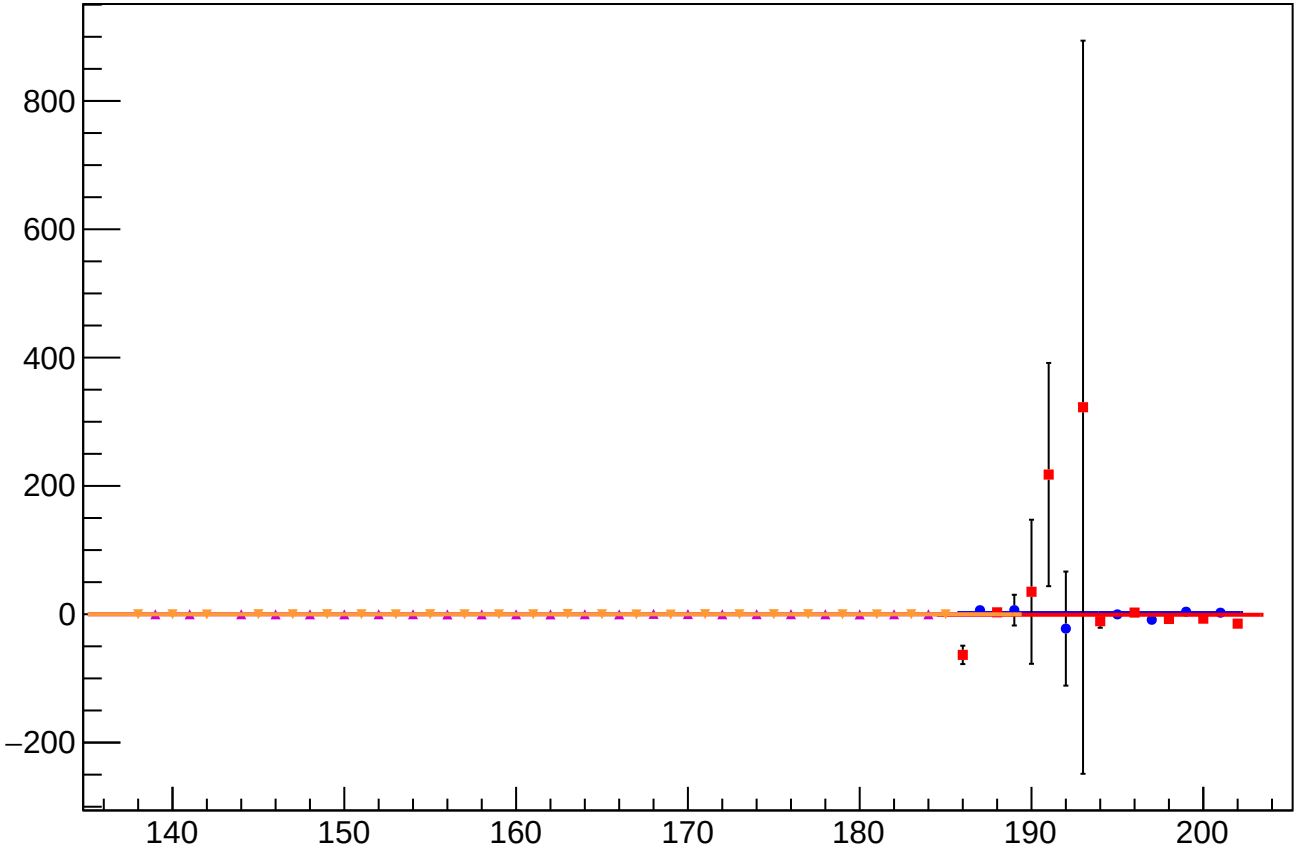
Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

+ sign -39.854+/-0.014 χ^2/NDF: 108529.9/48

All: -39.651+/-0.010 χ^2/NDF: 192270.1/98

- sign -39.451+/-0.014 χ^2/NDF: 83341.9/49

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 1.847+/-1.973 χ^2/NDF: 7.7/6

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: -0.807+/-1.593 χ^2/NDF: 33.5/9

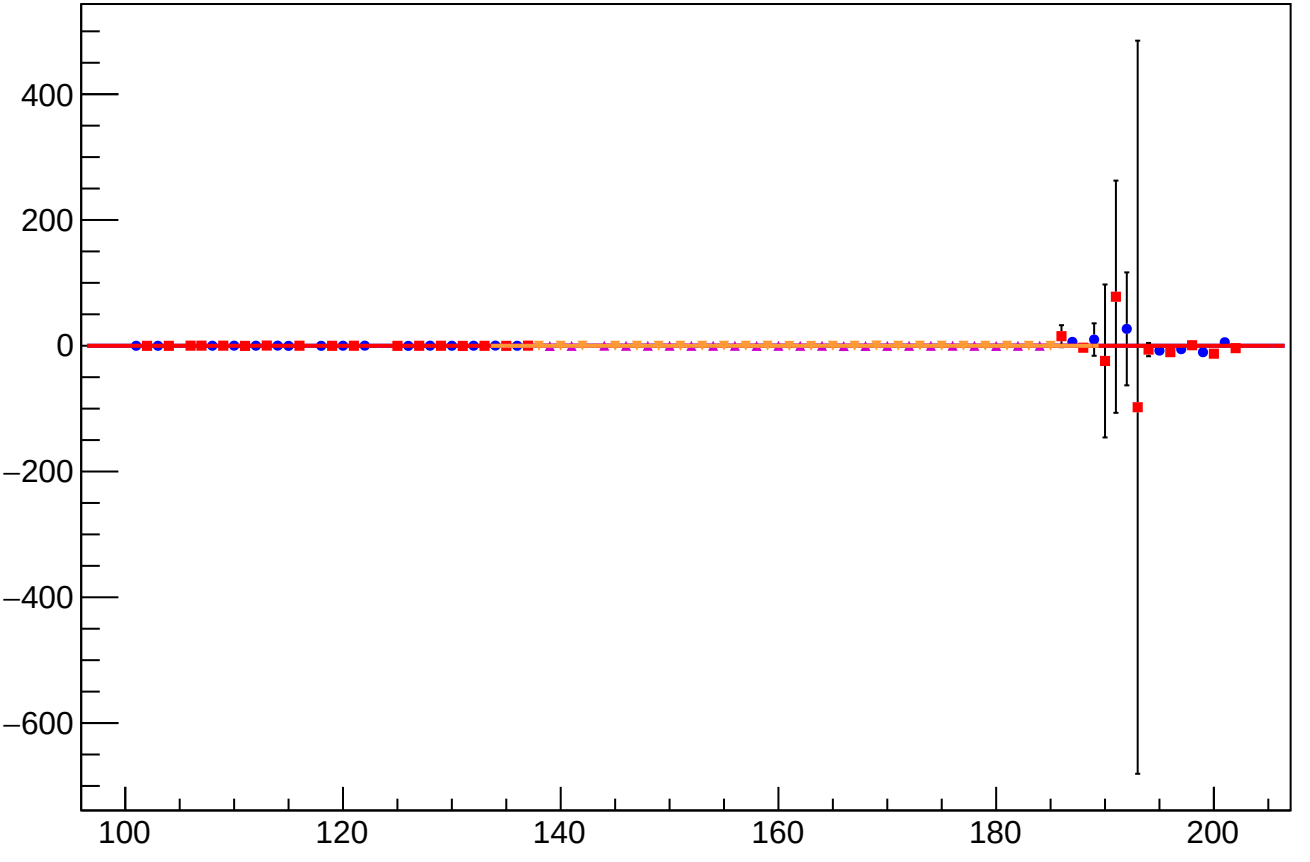
Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

+ sign -0.089+/-0.022 χ^2/NDF: 48.7/30

All: -0.057+/-0.016 χ^2/NDF: 118.8/63

- sign -0.026+/-0.022 χ^2/NDF: 66.0/32

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.001+/-0.028 χ^2/NDF: 21.0/22

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.052+/-0.029 χ^2/NDF: 30.9/26

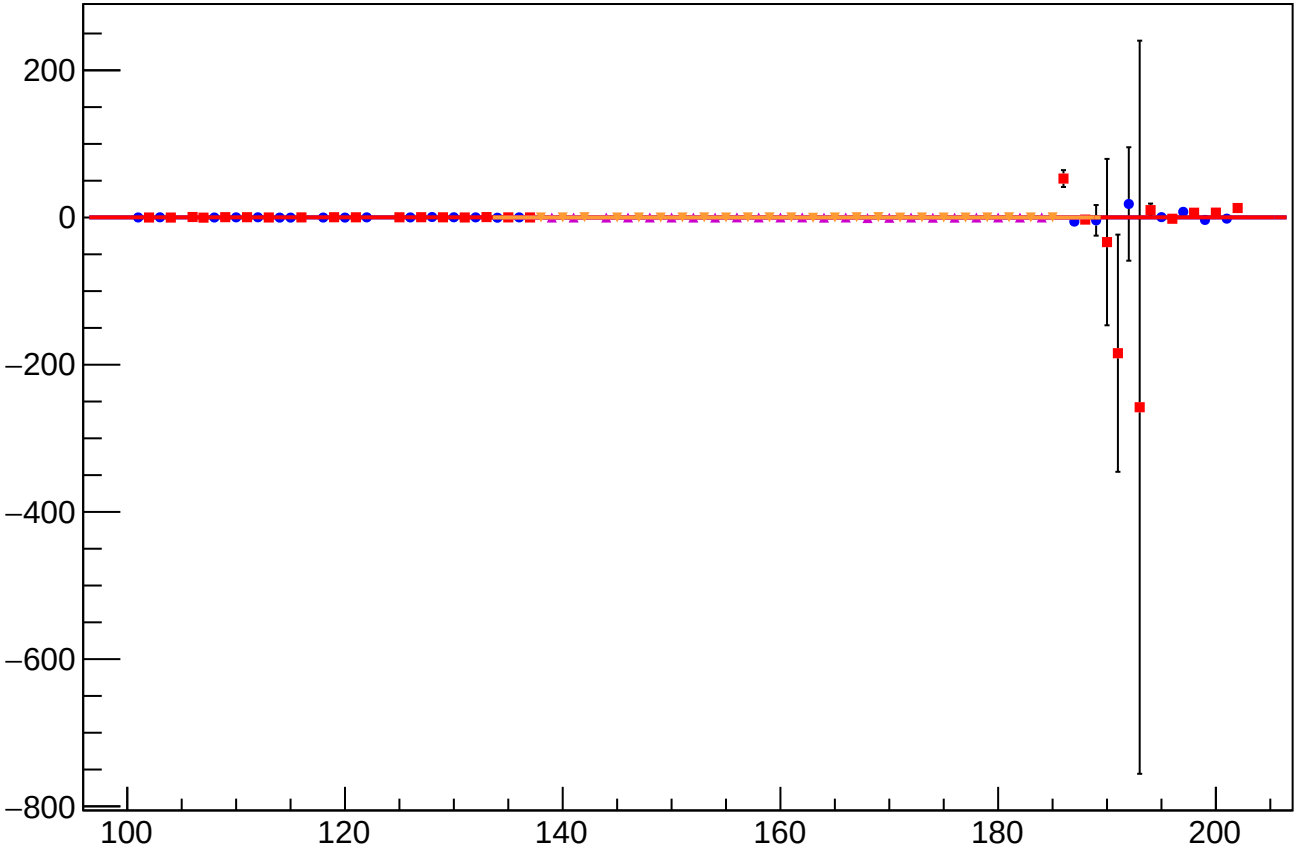
Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

+ sign -0.058+/-0.015 χ^2/NDF: 53.0/46

All: -0.056+/-0.011 χ^2/NDF: 116.1/96

- sign -0.054+/-0.015 χ^2/NDF: 63.1/49

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.169+/-0.052 χ^2/NDF: 23.8/22

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.240+/-0.054 χ^2/NDF: 53.2/26

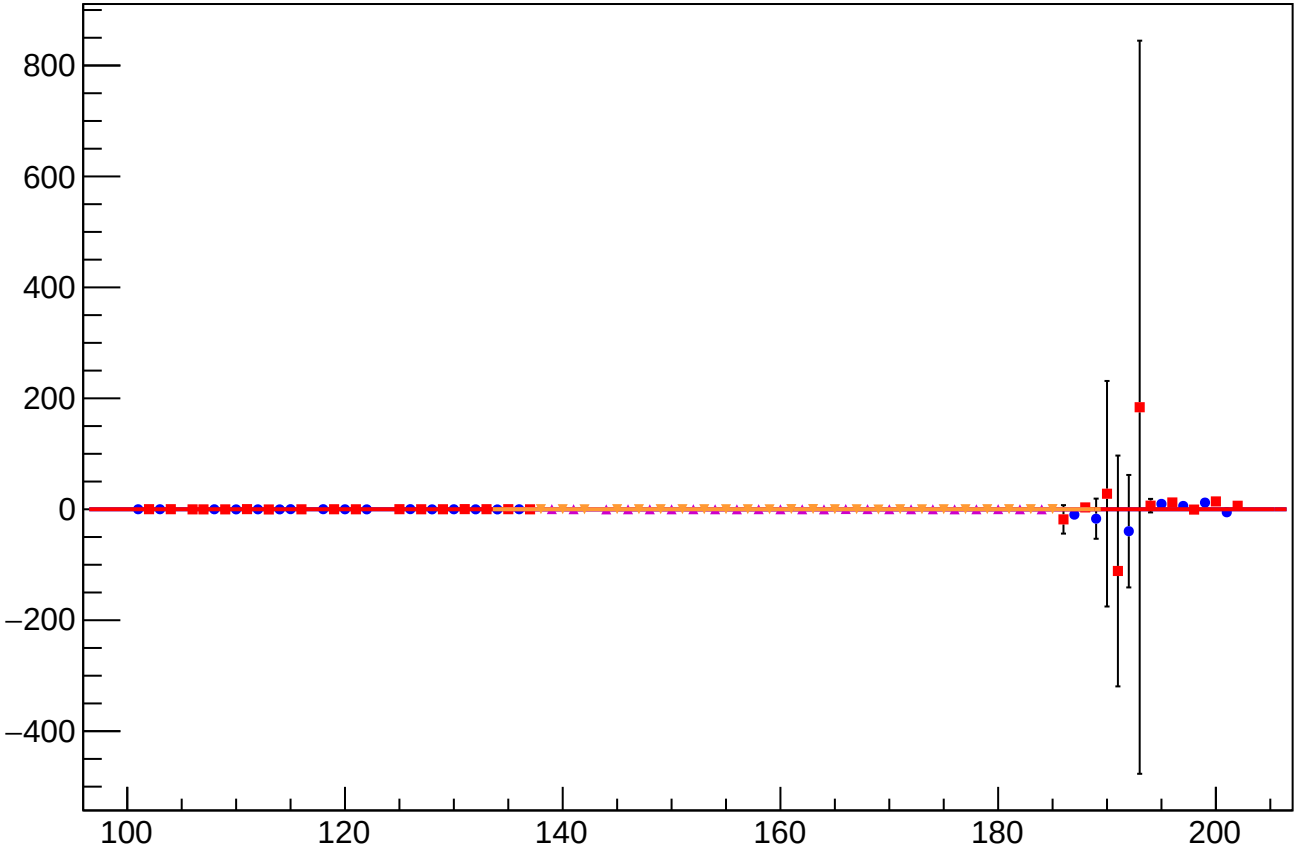
Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

+ sign 0.095+/-0.020 χ^2/NDF: 64.8/46

All: 0.073+/-0.014 χ^2/NDF: 169.1/96

- sign 0.052+/-0.020 χ^2/NDF: 102.0/49

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 22.6/22

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.060+/-0.034 χ^2/NDF: 29.7/26

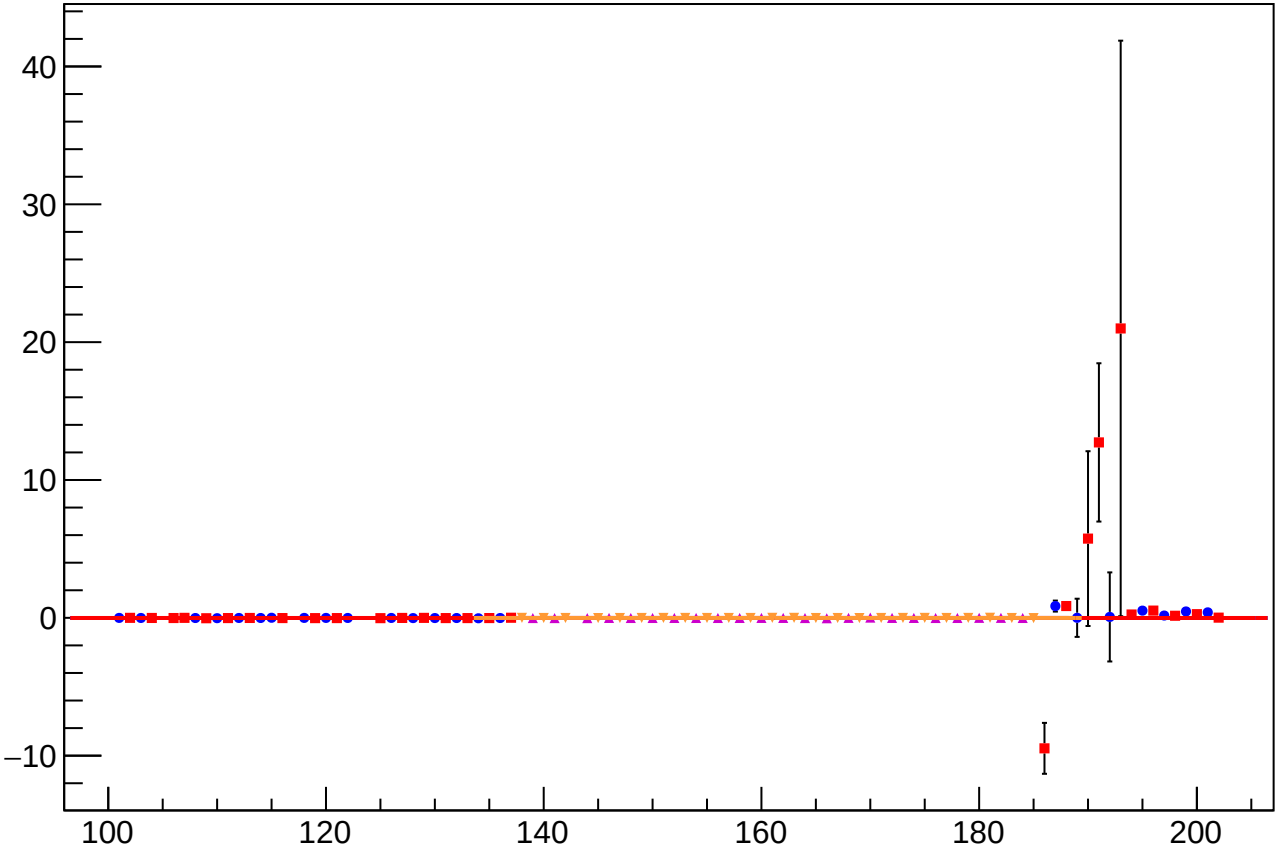
Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

+ sign 0.074+/-0.017 χ^2/NDF: 61.4/46

All: 0.072+/-0.012 χ^2/NDF: 122.9/96

- sign 0.069+/-0.017 χ^2/NDF: 61.5/49

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 34.9/22

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 79.9/26

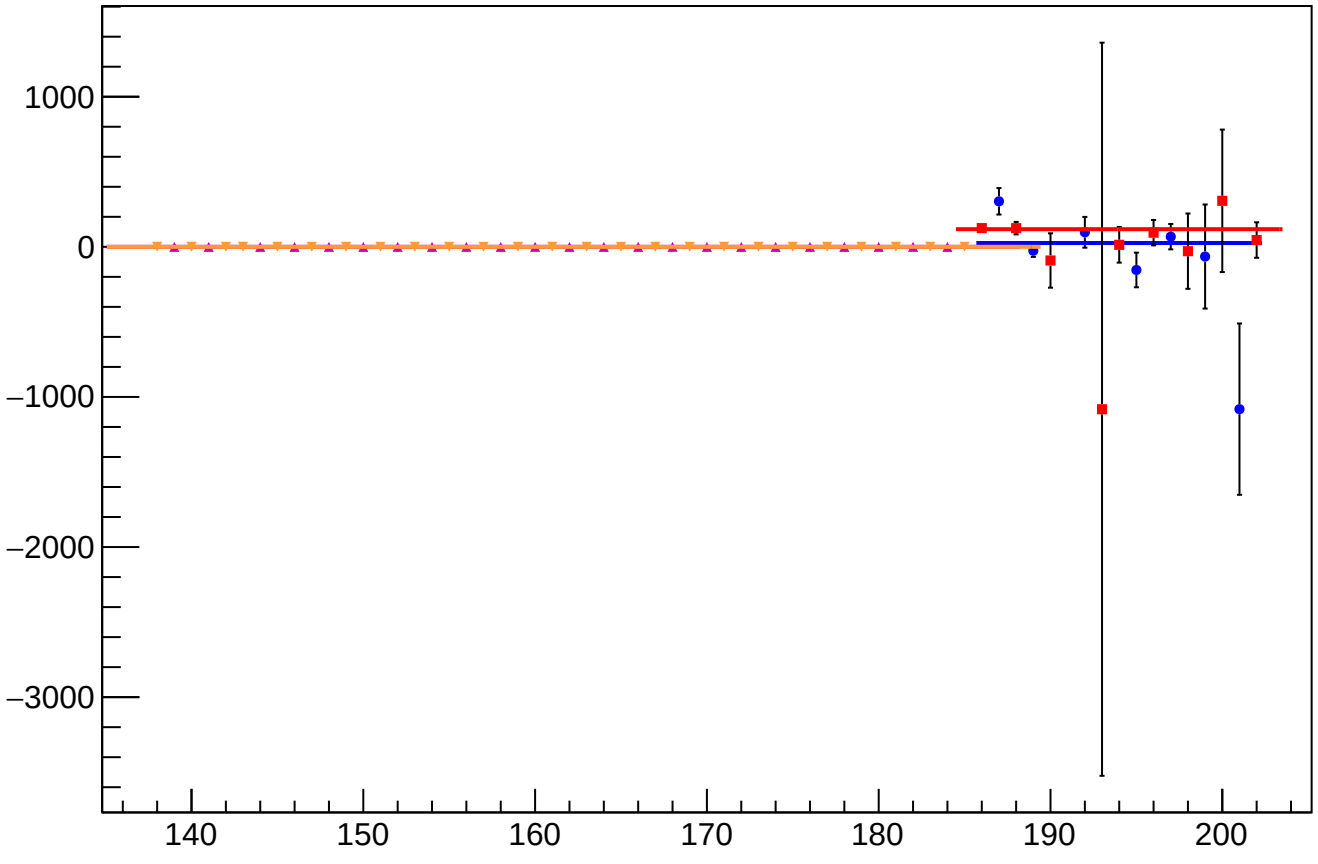
Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

+ sign -0.009+/-0.001 χ^2/NDF: 69.0/46

All: -0.009+/-0.001 χ^2/NDF: 192.0/96

- sign -0.009+/-0.001 χ^2/NDF: 122.8/49

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 25.609+/-30.924 χ^2/NDF: 18.5/6

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 117.631+/-16.367 χ^2/NDF: 3.5/8

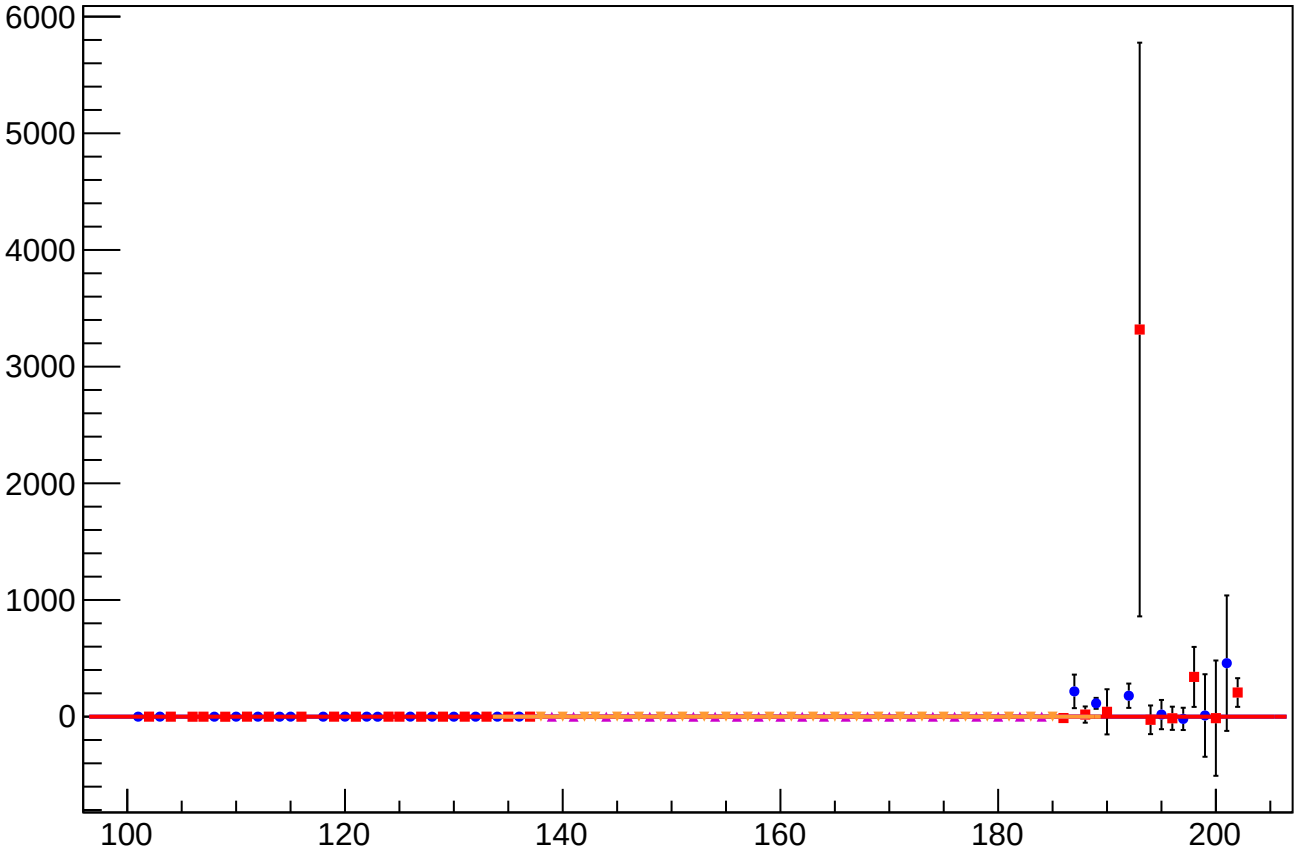
Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

+ sign 0.013+/-0.027 χ^2/NDF: 48.3/31

All: 0.009+/-0.019 χ^2/NDF: 131.7/63

- sign 0.005+/-0.028 χ^2/NDF: 83.3/31

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024+/-0.037 χ^2/NDF: 35.2/23

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 24.3/26

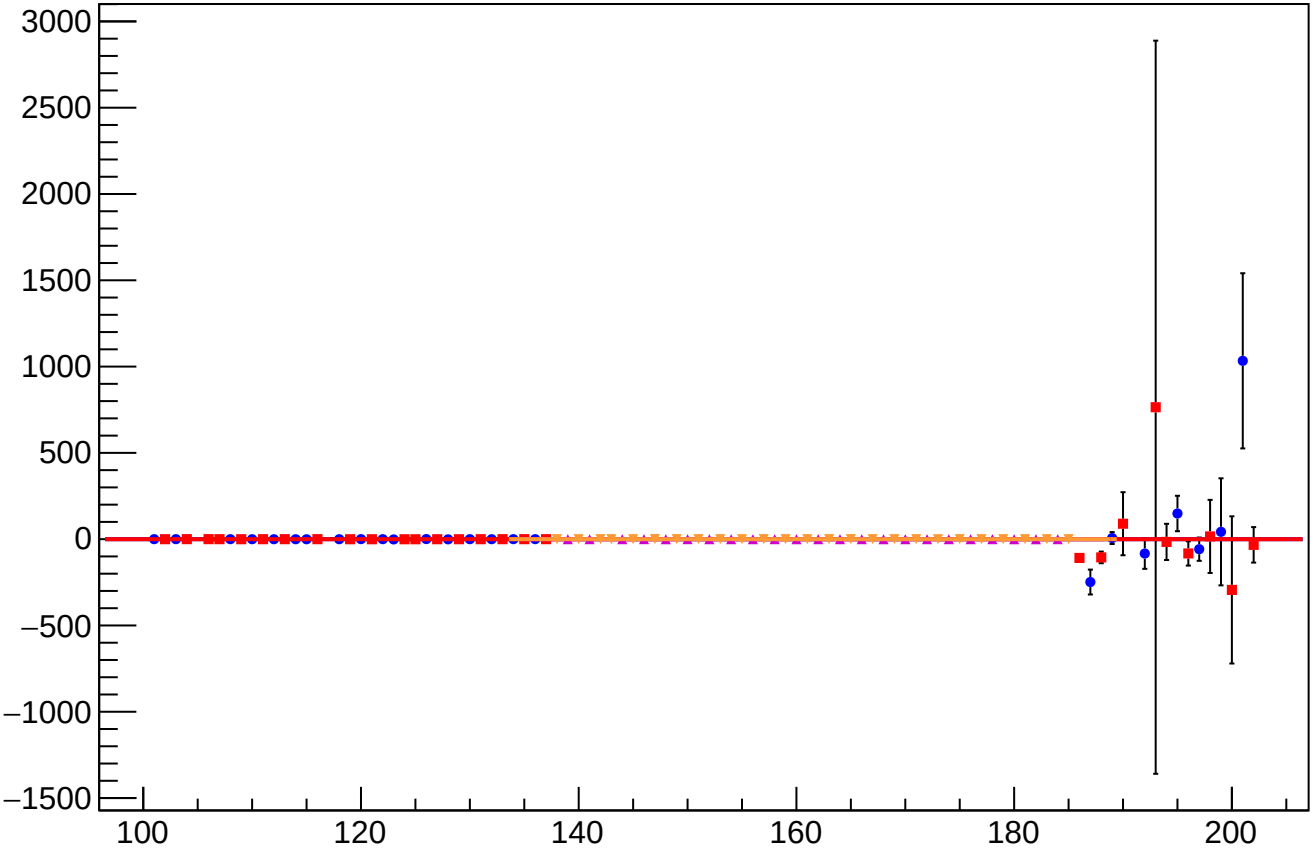
Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

+ sign -0.049+/-0.018 χ^2/NDF: 61.2/48

All: -0.066+/-0.013 χ^2/NDF: 137.7/98

- sign -0.085+/-0.019 χ^2/NDF: 74.6/49

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130+/-0.067 χ^2/NDF: 43.5/23

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 70.2/26

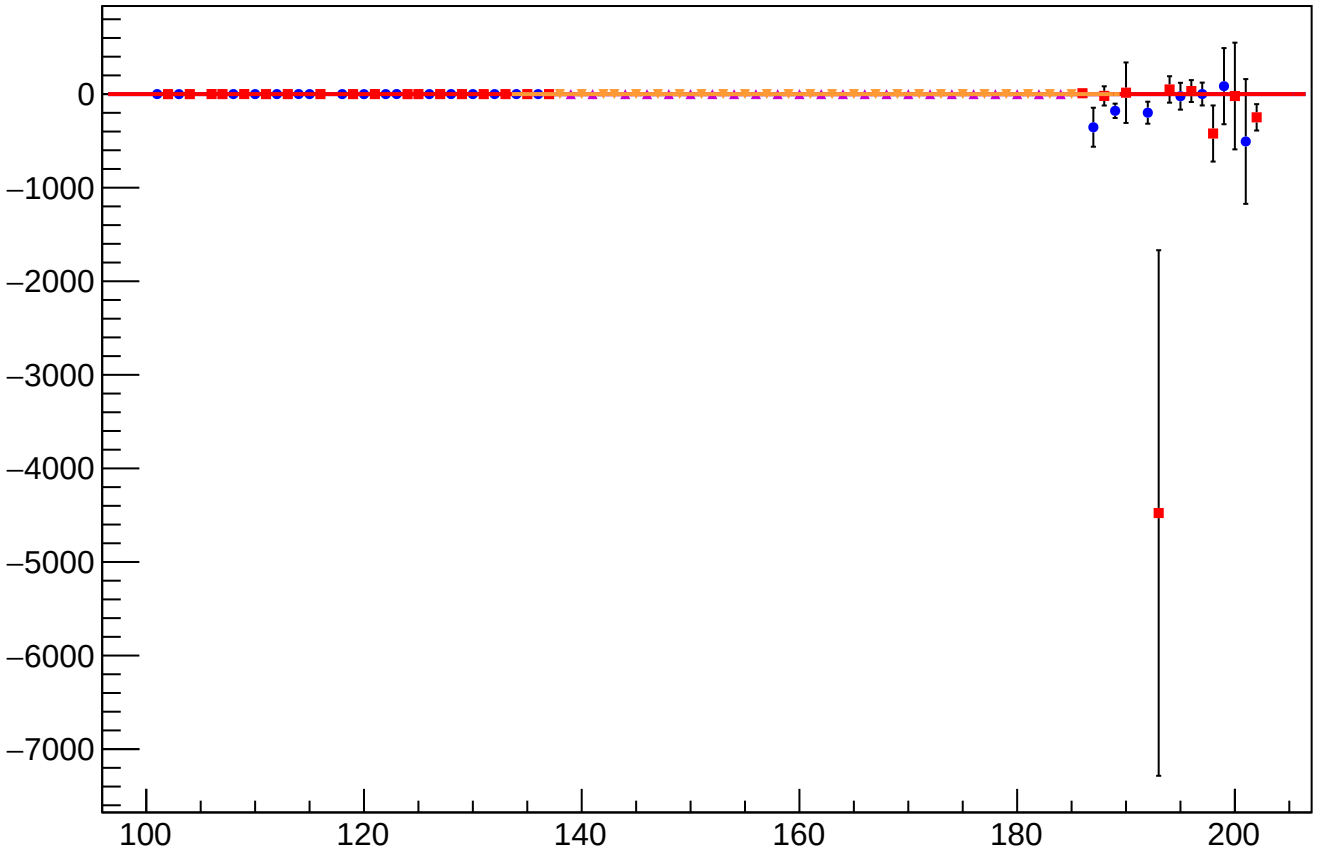
Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

+ sign -0.031+/-0.025 χ^2/NDF: 73.1/48

All: -0.042+/-0.018 χ^2/NDF: 174.8/98

- sign -0.053+/-0.026 χ^2/NDF: 101.4/49

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 34.3/23

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 23.7/26

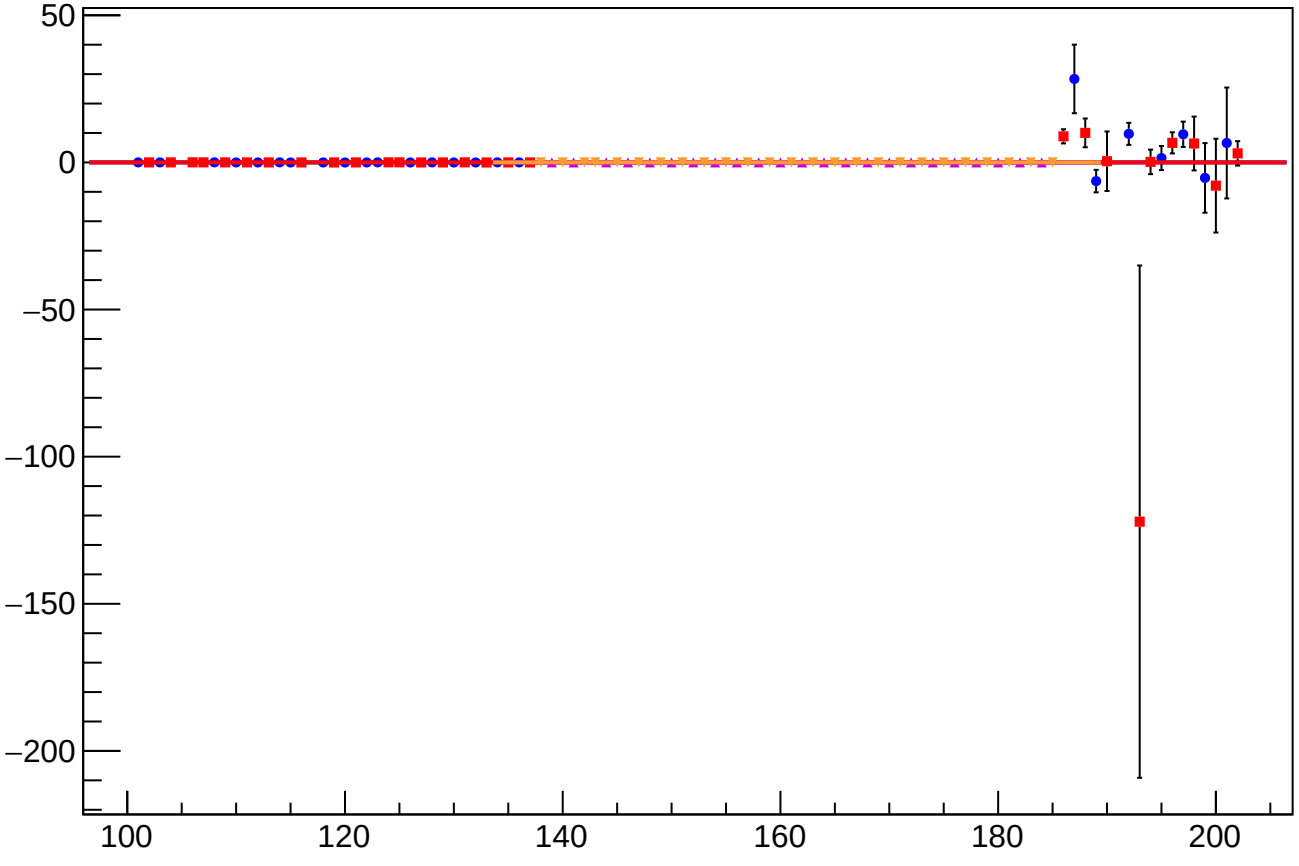
Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

+ sign 0.052+/-0.021 χ^2/NDF: 60.0/48

All: 0.069+/-0.015 χ^2/NDF: 139.2/98

- sign 0.088+/-0.022 χ^2/NDF: 77.7/49

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 53.2/23

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 45.1/26

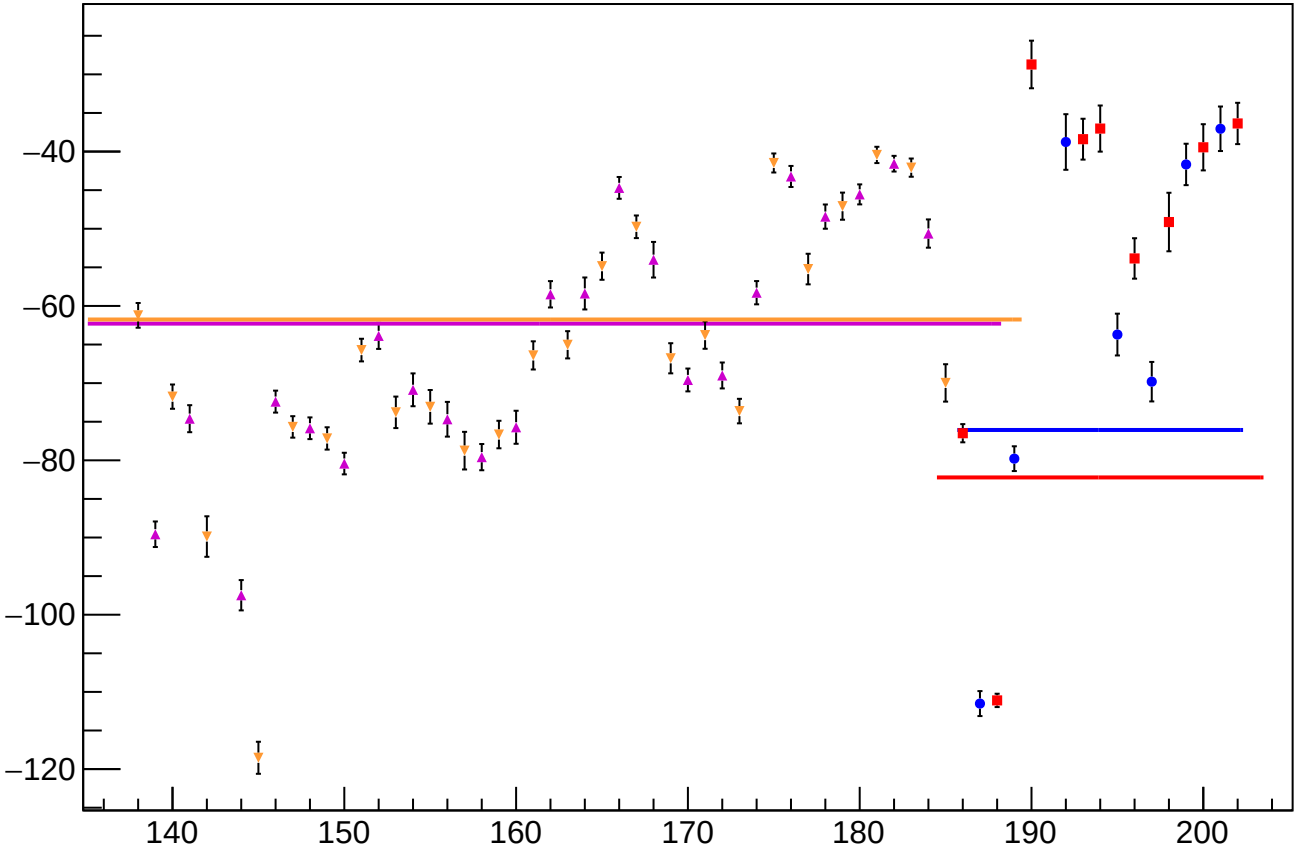
Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

+ sign 0.007+/-0.001 χ^2/NDF: 87.2/48

All: 0.007+/-0.001 χ^2/NDF: 155.4/98

- sign 0.008+/-0.001 χ^2/NDF: 67.7/49

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -76.069+/-0.846 χ^2/NDF: 967.2/6

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -82.217+/-0.589 χ^2/NDF: 2636.8/8

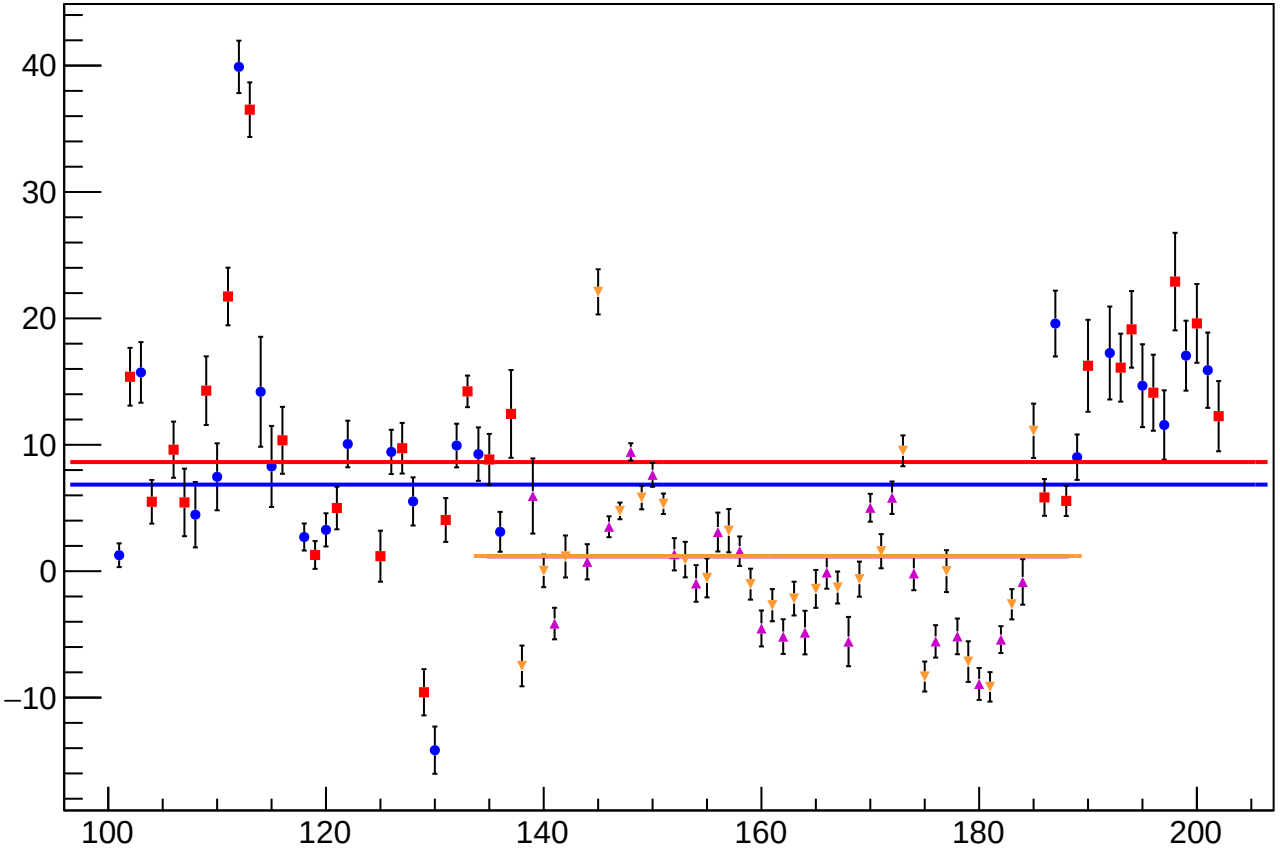
Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

+ sign -63.683+/-0.311 χ^2/NDF: 3723.9/30

All: -65.506+/-0.211 χ^2/NDF: 9560.4/62

- sign -67.081+/-0.289 χ^2/NDF: 5772.3/31

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.850+/-0.390 χ^2/NDF: 536.5/22

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.633+/-0.385 χ^2/NDF: 474.3/25

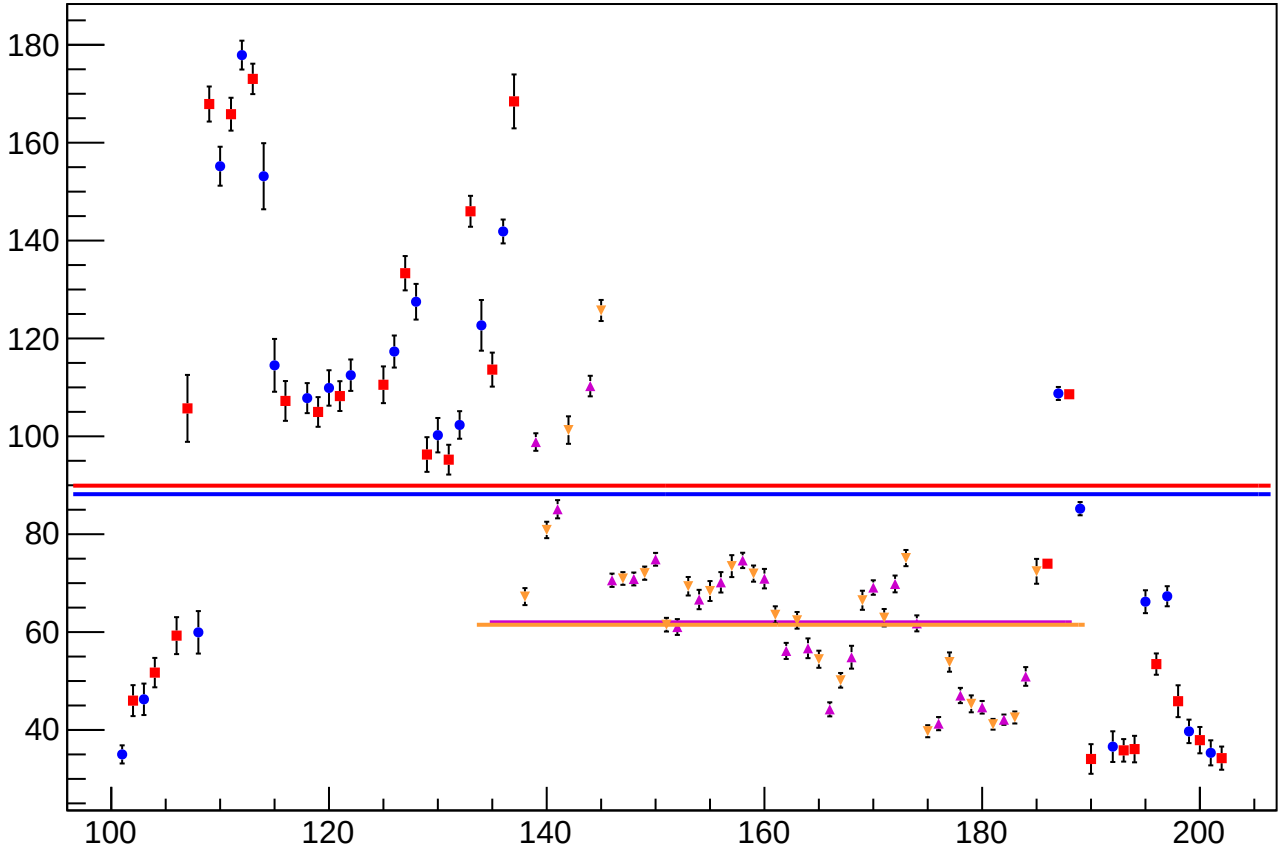
Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

+ sign 2.867+/-0.212 χ^2/NDF: 1210.7/46

All: 3.153+/-0.150 χ^2/NDF: 2415.9/95

- sign 3.441+/-0.213 χ^2/NDF: 1201.5/48

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 88.177+/-0.535 χ^2/NDF: 4798.2/22

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 89.920+/-0.420 χ^2/NDF: 6646.4/25

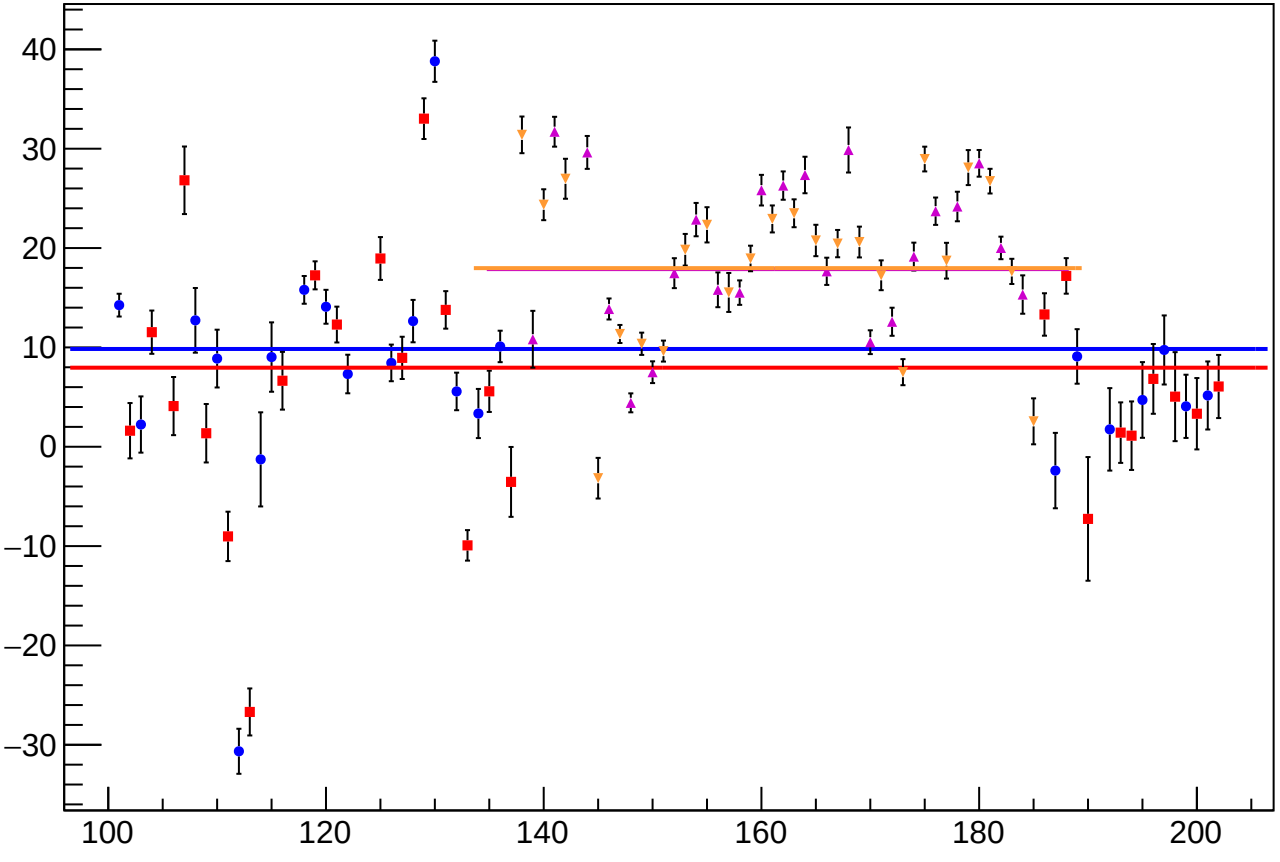
Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

+ sign 68.927+/-0.282 χ^2/NDF: 9204.1/46

All: 70.924+/-0.191 χ^2/NDF: 21198.8/95

- sign 72.605+/-0.259 χ^2/NDF: 11902.4/48

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 9.842+/-0.460 χ^2/NDF: 604.6/22

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 7.958+/-0.462 χ^2/NDF: 739.3/25

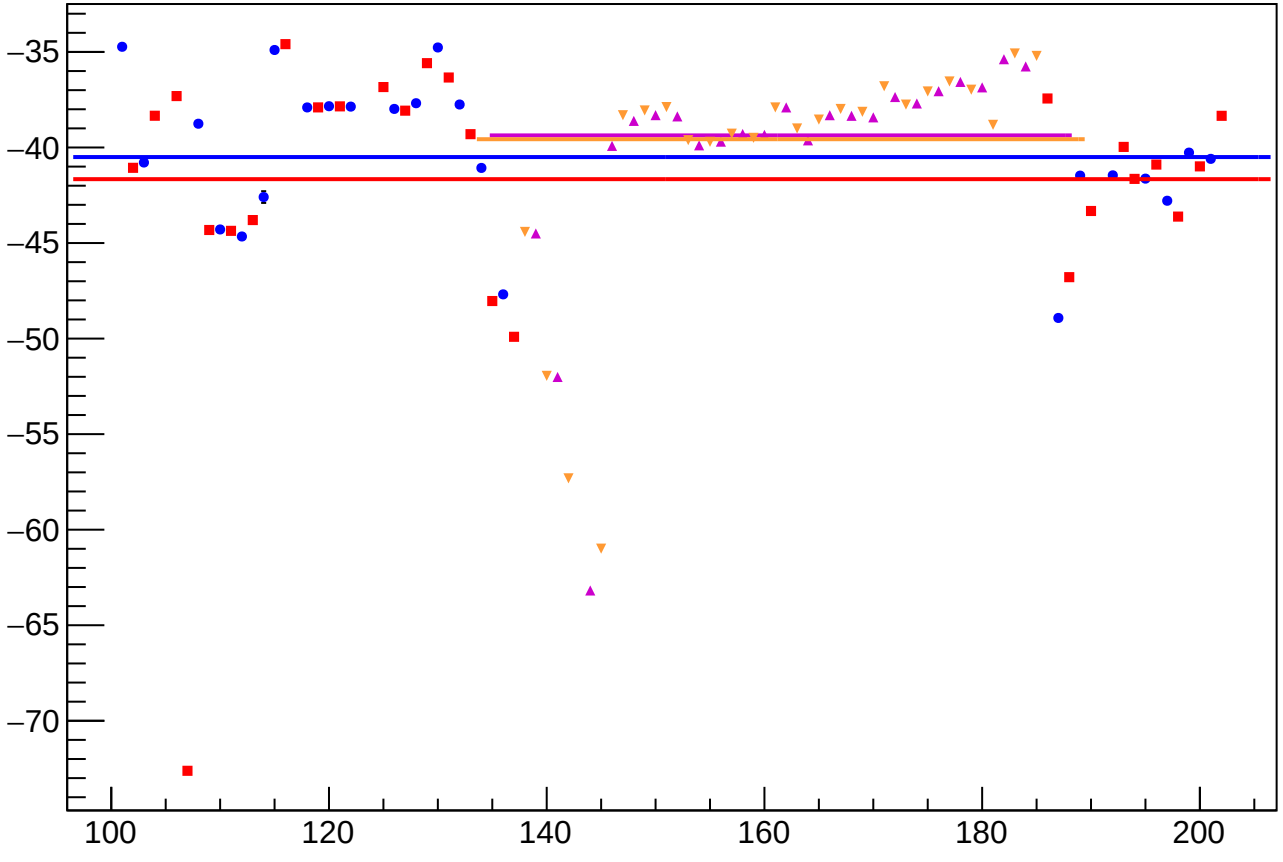
Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

+ sign 15.656+/-0.246 χ^2/NDF: 1503.0/46

All: 15.357+/-0.174 χ^2/NDF: 3305.6/95

- sign 15.057+/-0.247 χ^2/NDF: 1799.6/48

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.501+/-0.024 χ^2/NDF: 27465.3/22

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.657+/-0.023 χ^2/NDF: 66069.5/25

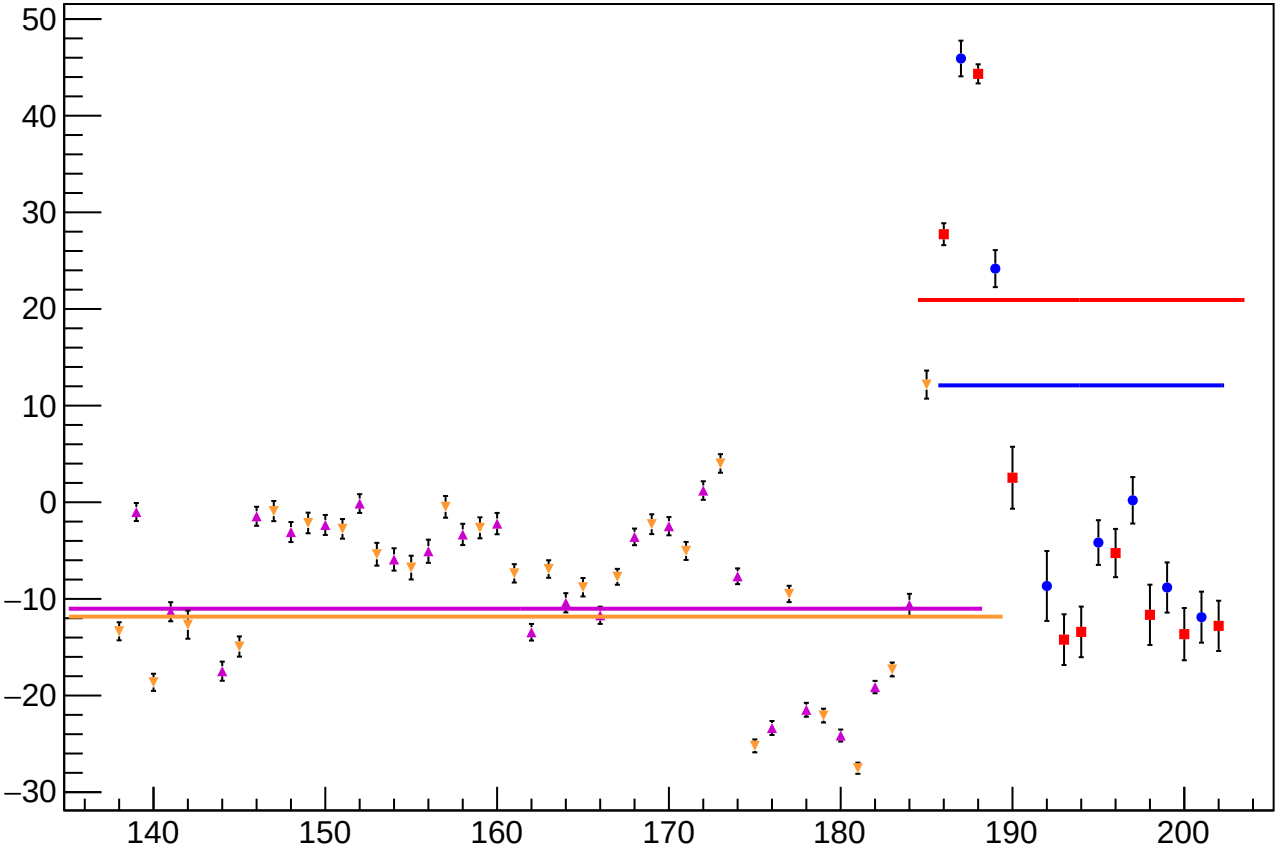
Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

+ sign -39.801+/-0.012 χ^2/NDF: 169777.5/46

All: -39.889+/-0.008 χ^2/NDF: 361450.8/95

- sign -39.972+/-0.012 χ^2/NDF: 191567.8/48

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 12.094+/-0.879 χ^2/NDF: 630.1/6

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 20.933+/-0.605 χ^2/NDF: 1529.1/8

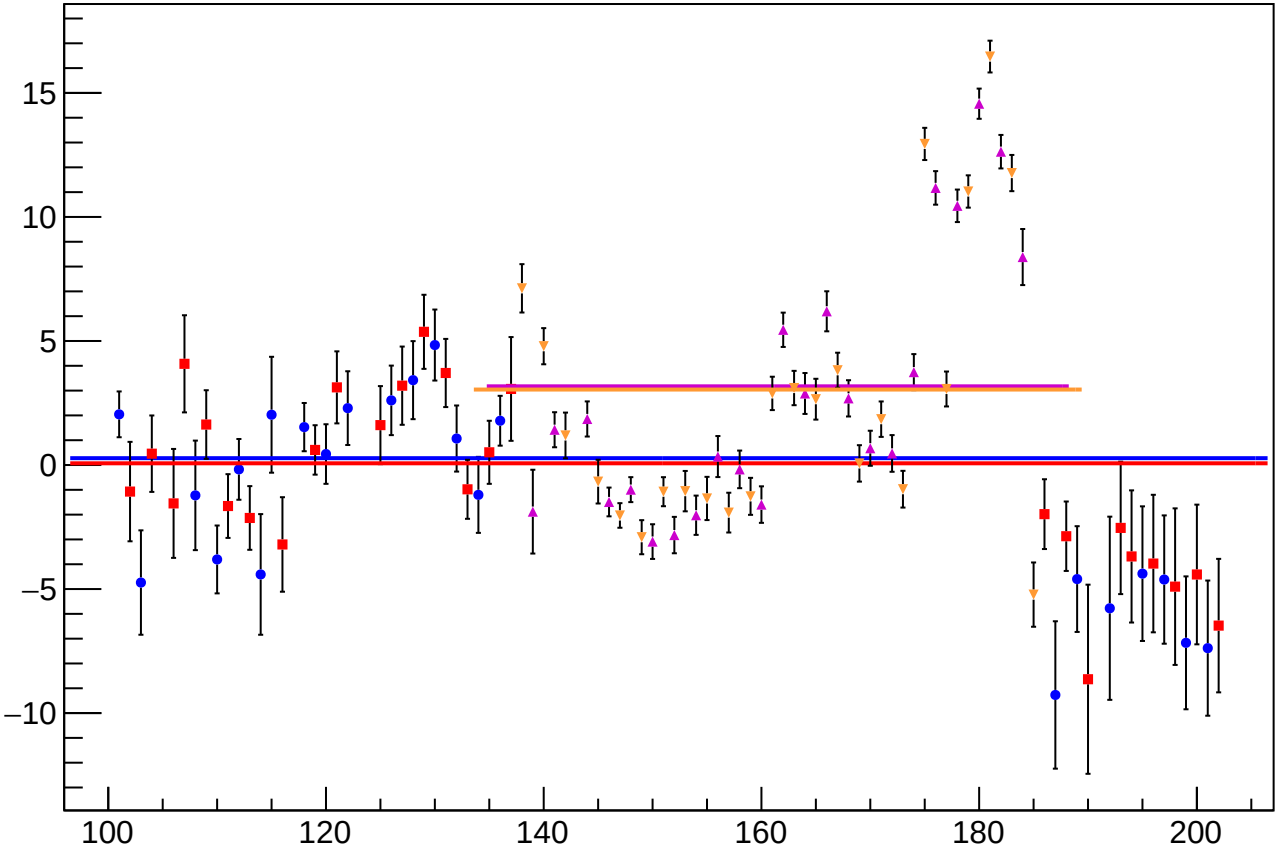
Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

+ sign -10.804+/-0.183 χ^2/NDF: 4081.4/30

All: -9.485+/-0.128 χ^2/NDF: 10374.2/62

- sign -8.223+/-0.179 χ^2/NDF: 6190.9/31

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.276+/-0.321 χ^2/NDF: 87.5/22

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.069+/-0.319 χ^2/NDF: 74.0/25

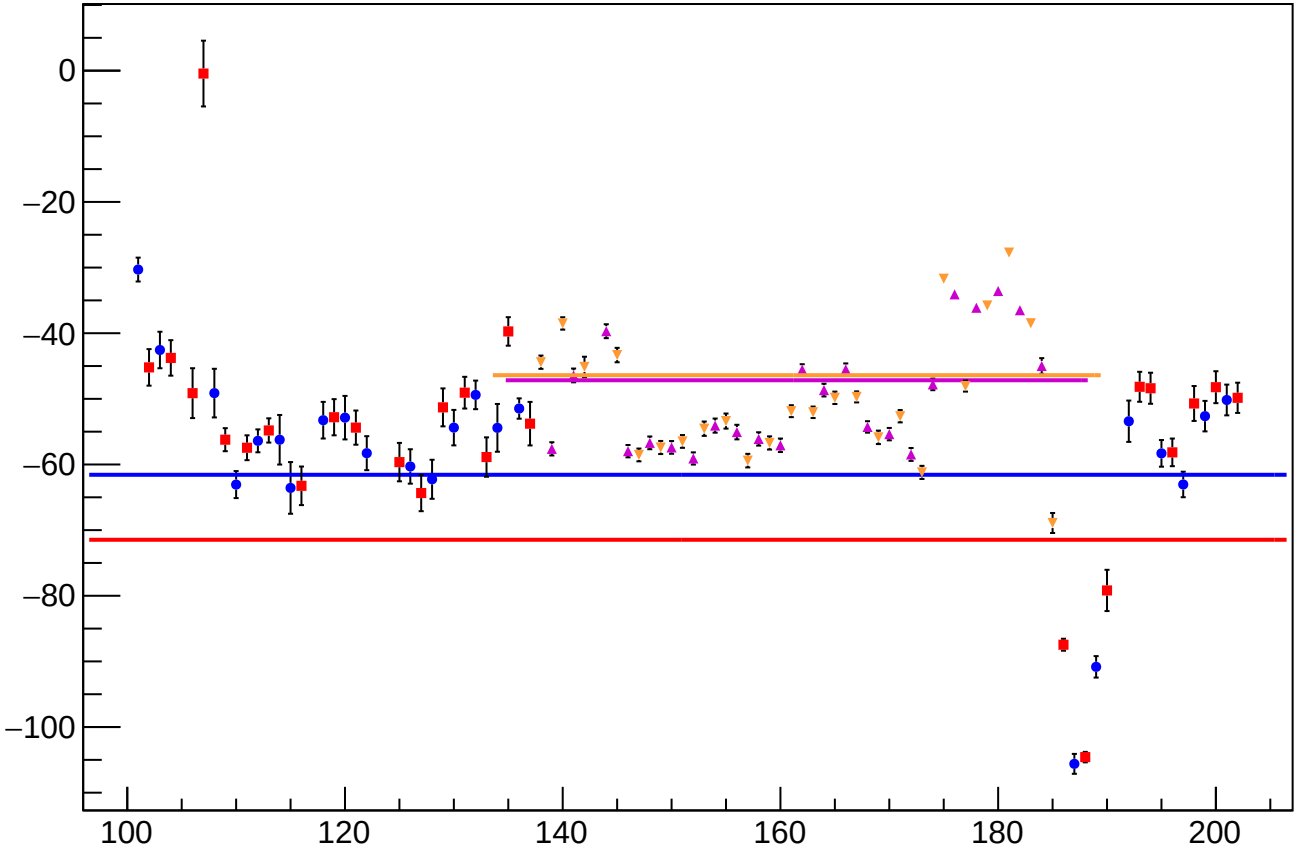
Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

+ sign 2.558+/-0.134 χ^2/NDF: 1601.4/46

All: 2.585+/-0.095 χ^2/NDF: 3051.0/95

- sign 2.613+/-0.135 χ^2/NDF: 1449.6/48

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -61.568+/-0.474 χ^2/NDF: 1680.0/22

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -71.469+/-0.390 χ^2/NDF: 3671.6/25

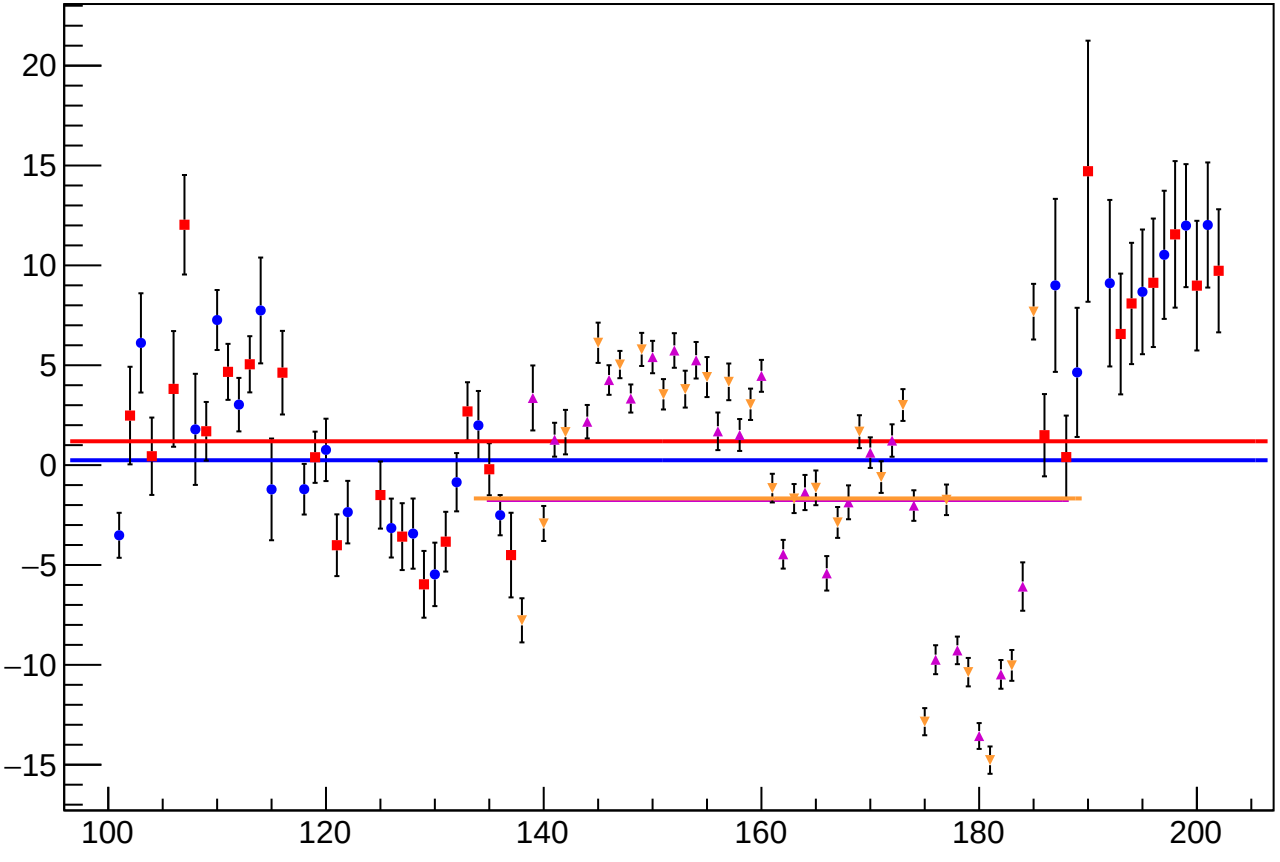
Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

+ sign -48.434+/-0.174 χ^2/NDF: 5857.2/46

All: -50.119+/-0.121 χ^2/NDF: 15404.1/95

- sign -51.701+/-0.168 χ^2/NDF: 9364.2/48

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 0.244+/-0.368 χ^2/NDF: 144.1/22

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 1.193+/-0.370 χ^2/NDF: 138.4/25

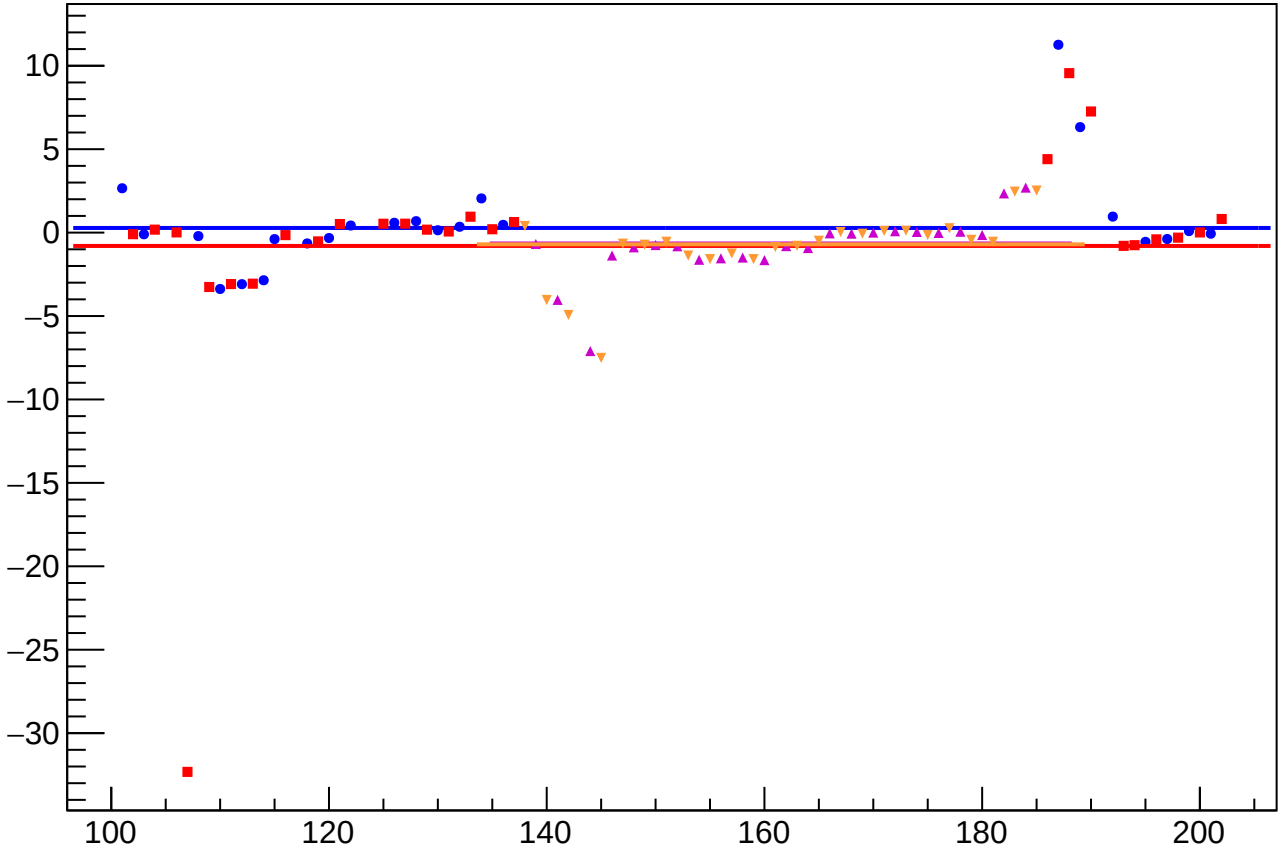
Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

+ sign -1.341+/-0.152 χ^2/NDF: 1645.9/46

All: -1.291+/-0.108 χ^2/NDF: 3091.0/95

- sign -1.240+/-0.153 χ^2/NDF: 1444.9/48

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.279+/-0.019 χ^2/NDF: 9453.0/22

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.799+/-0.018 χ^2/NDF: 92578.0/25

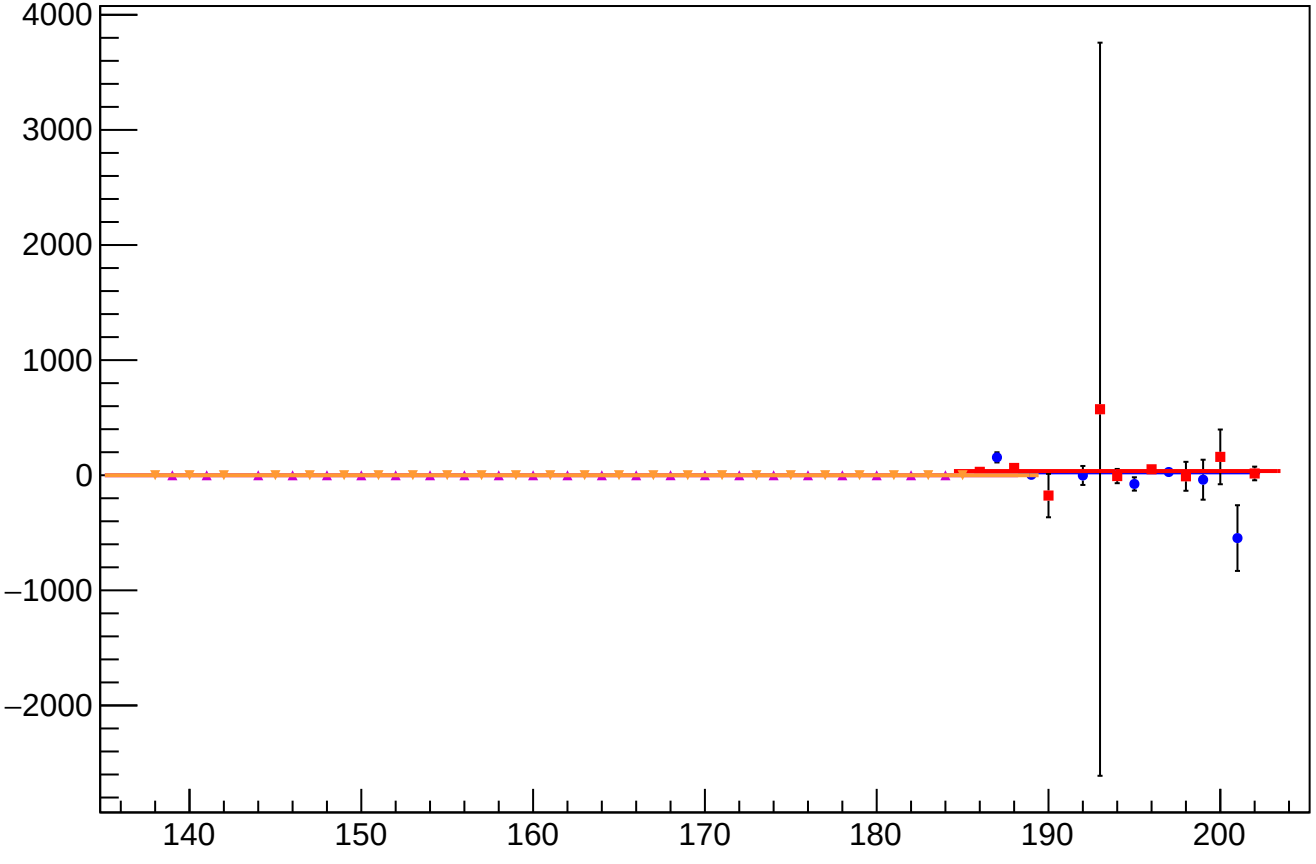
Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

+ sign -0.567+/-0.007 χ^2/NDF: 65507.4/46

All: -0.620+/-0.005 χ^2/NDF: 202419.9/95

- sign -0.673+/-0.007 χ^2/NDF: 136799.6/48

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 25.034+/-19.093 χ^2/NDF: 16.5/6

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 36.350+/-9.833 χ^2/NDF: 4.4/8

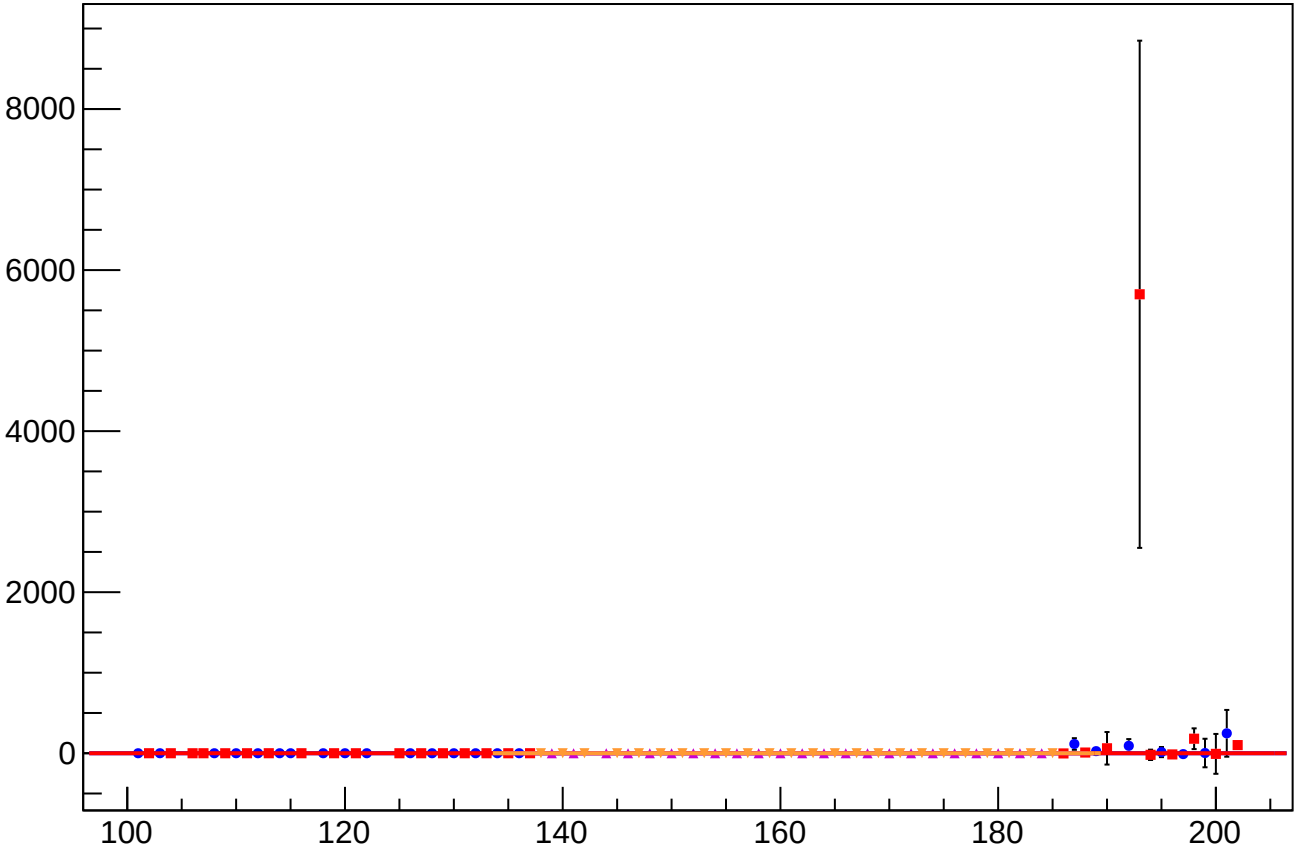
Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

+ sign -0.038+/-0.018 χ^2/NDF: 53.8/30

All: -0.024+/-0.013 χ^2/NDF: 108.5/62

- sign -0.009+/-0.018 χ^2/NDF: 53.4/31

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013+/-0.023 χ^2/NDF: 17.5/22

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 17.5/25

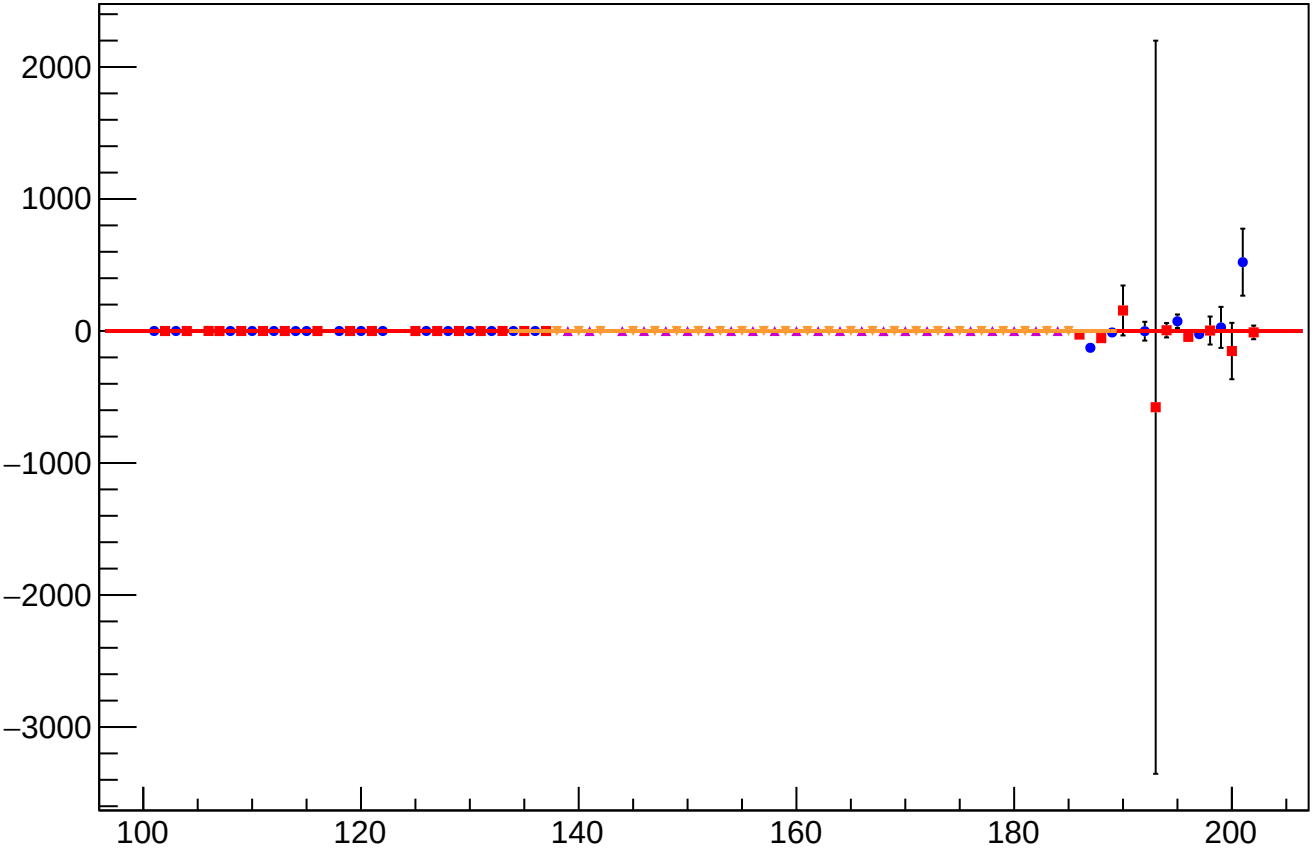
Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

+ sign -0.057+/-0.012 χ^2/NDF: 50.1/46

All: -0.064+/-0.009 χ^2/NDF: 109.7/95

- sign -0.072+/-0.012 χ^2/NDF: 58.8/48

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 29.0/22

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.028+/-0.045 χ^2/NDF: 28.9/25

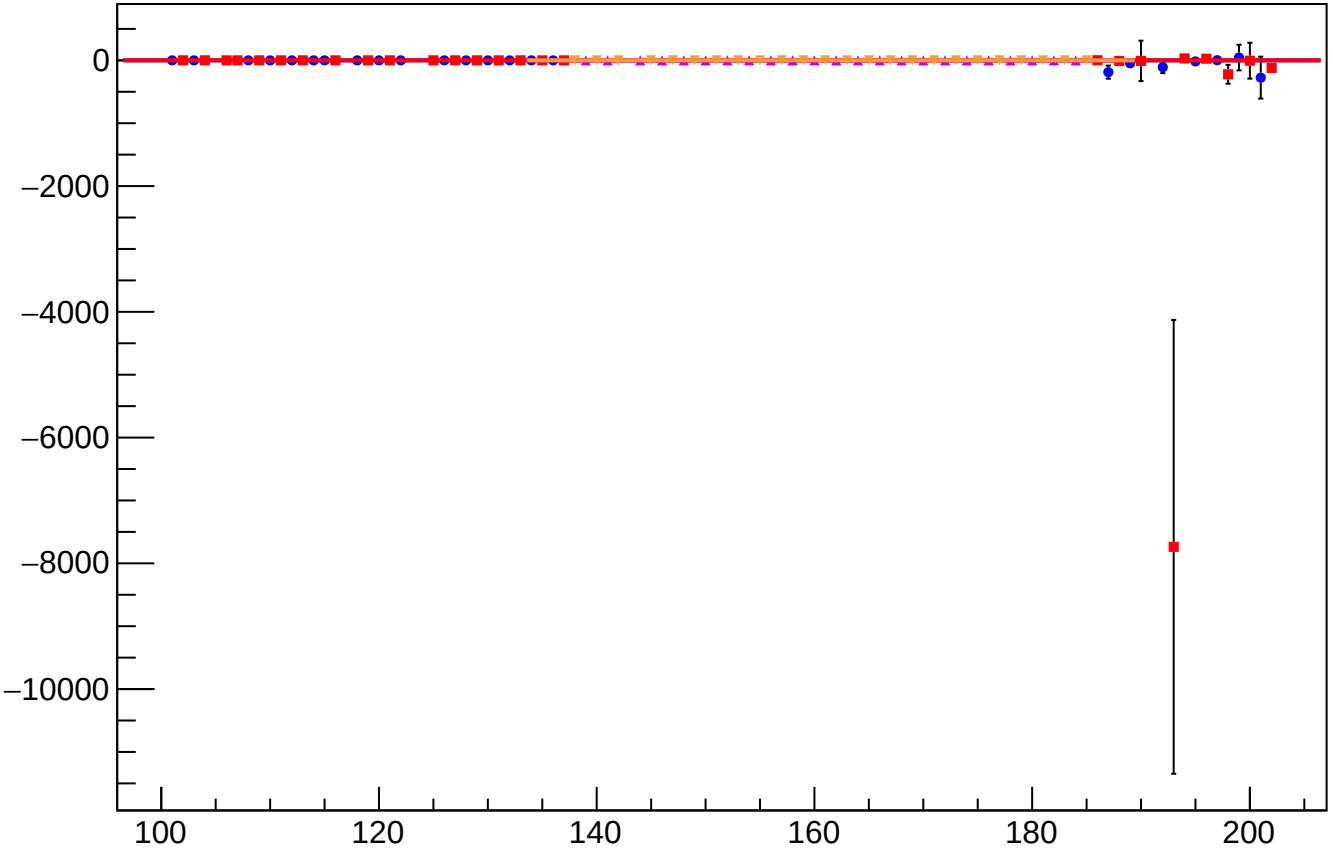
Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

+ sign 0.033+/-0.017 χ^2/NDF: 61.6/46

All: 0.014+/-0.012 χ^2/NDF: 130.8/95

- sign -0.005+/-0.017 χ^2/NDF: 66.6/48

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 18.2/22

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 18.1/25

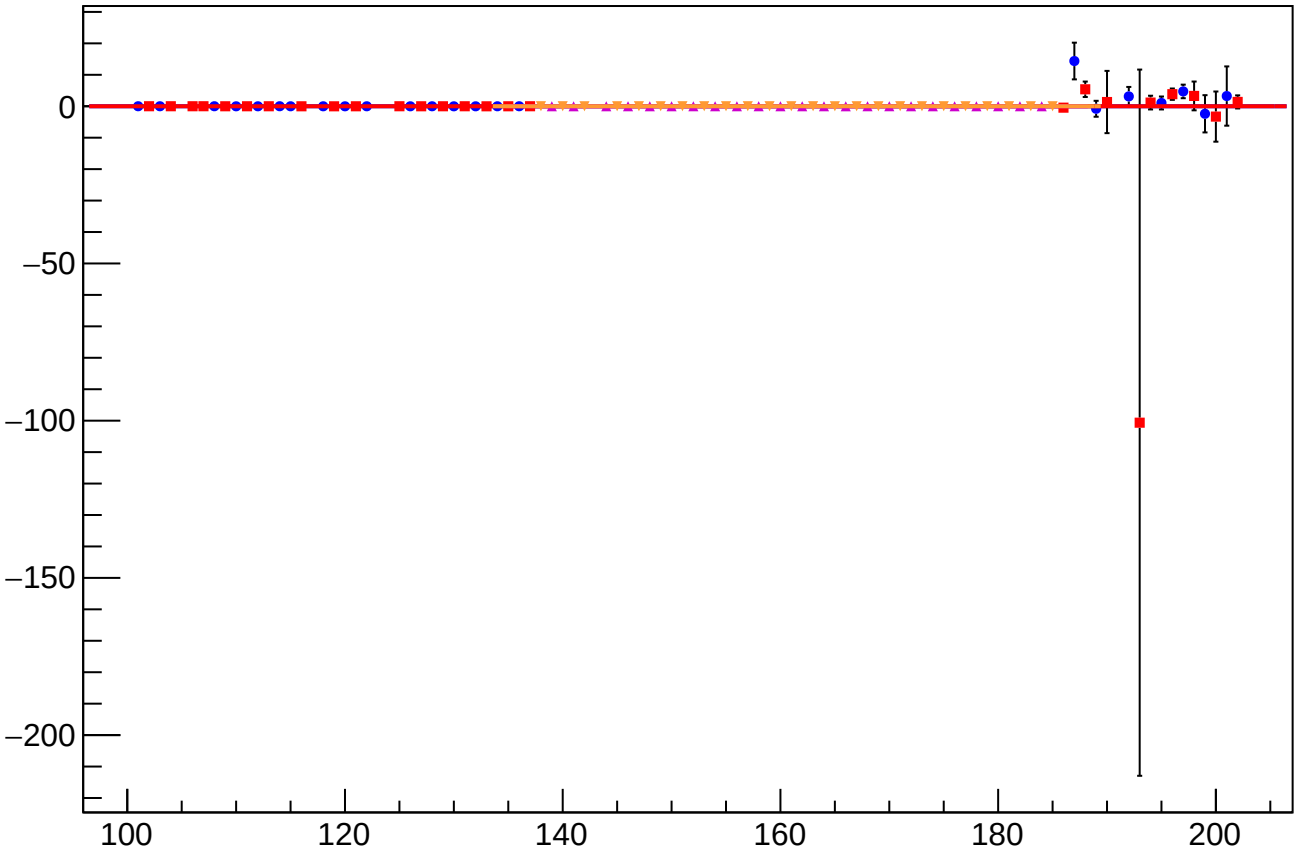
Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

+ sign 0.065+/-0.014 χ^2/NDF: 52.4/46

All: 0.073+/-0.010 χ^2/NDF: 116.3/95

- sign 0.081+/-0.014 χ^2/NDF: 63.4/48

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 35.2/22

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 35.4/25

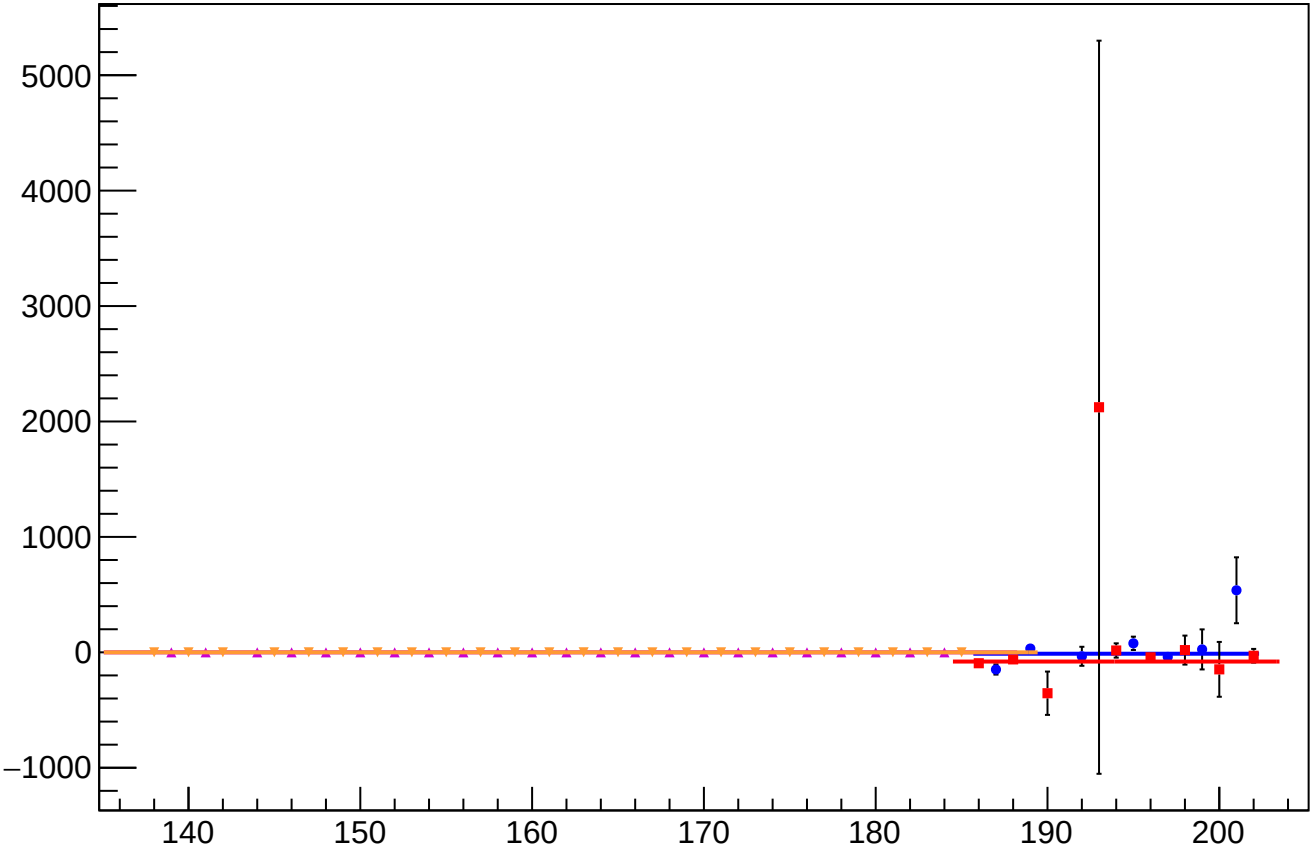
Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

+ sign -0.001+/-0.001 χ^2/NDF: 72.1/46

All: -0.001+/-0.000 χ^2/NDF: 137.1/95

- sign -0.001+/-0.001 χ^2/NDF: 65.0/48

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -12.106+/-19.080 χ^2/NDF: 18.6/6

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -79.823+/-9.835 χ^2/NDF: 9.5/8

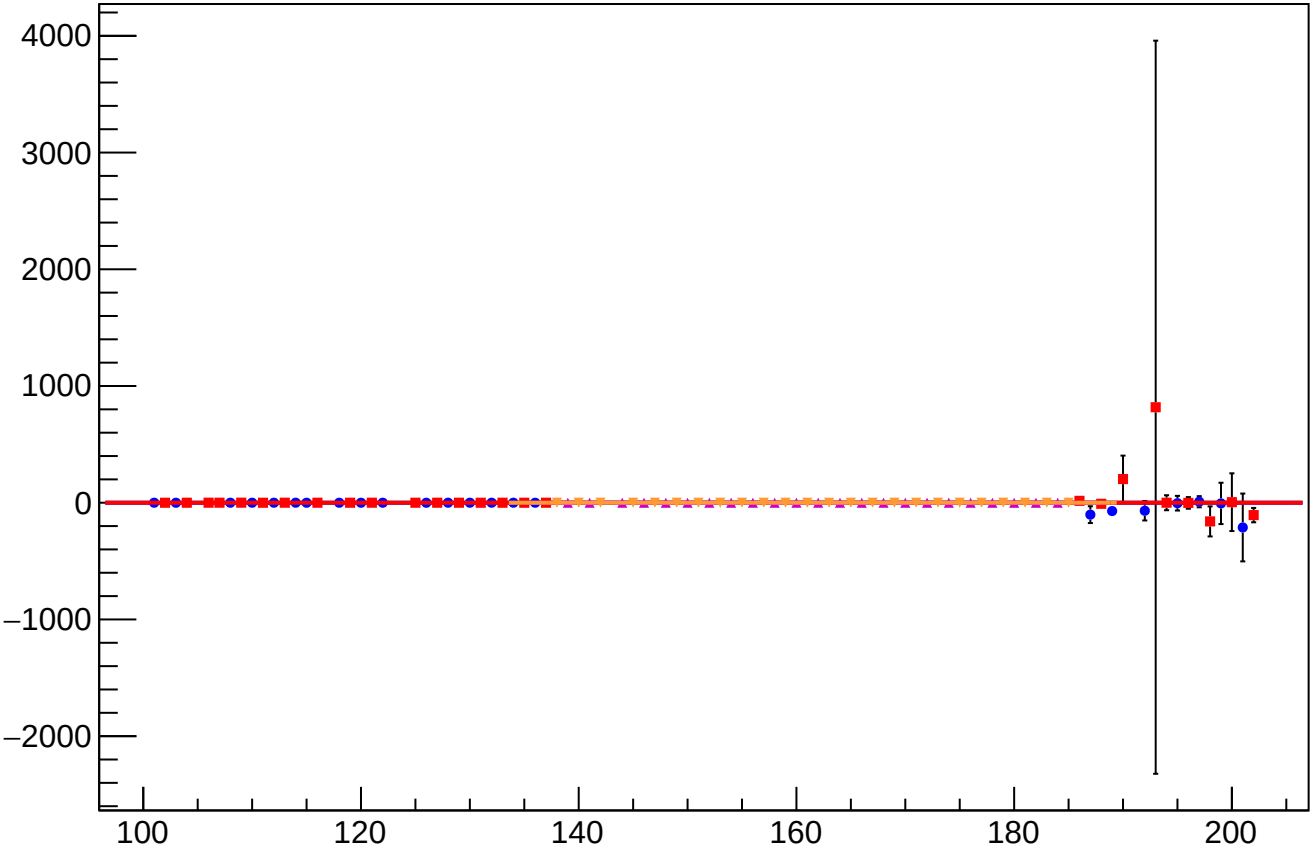
Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

+ sign -0.052+/-0.018 χ^2/NDF: 56.3/30

All: -0.031+/-0.013 χ^2/NDF: 167.6/62

- sign -0.010+/-0.018 χ^2/NDF: 108.6/31

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010+/-0.023 χ^2/NDF: 33.3/22

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 33.9/25

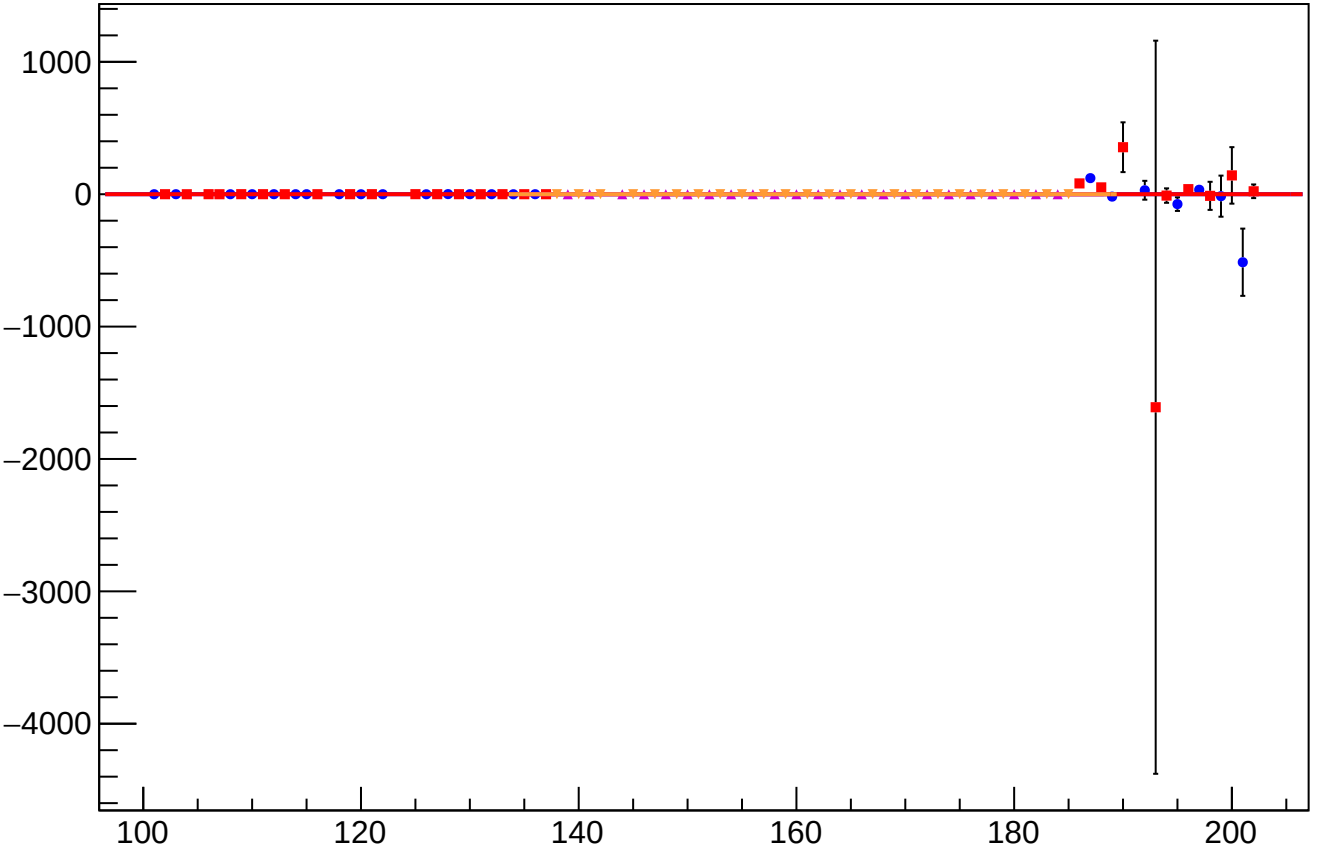
Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

+ sign -0.005+/-0.012 χ^2/NDF: 63.3/46

All: 0.004+/-0.009 χ^2/NDF: 150.2/95

- sign 0.013+/-0.012 χ^2/NDF: 85.9/48

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 47.9/22

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 97.1/25

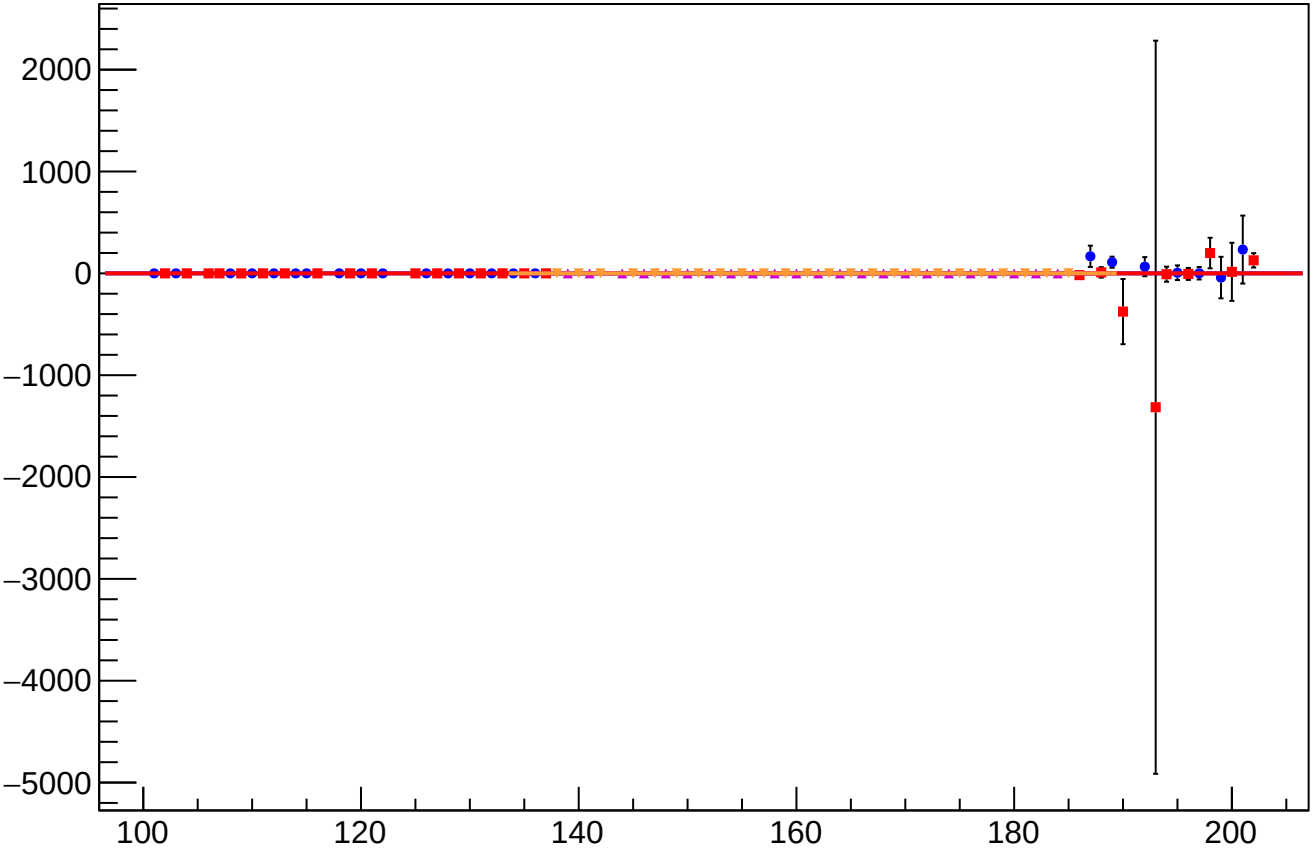
Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

+ sign 0.063+/-0.017 χ^2/NDF: 88.4/46

All: 0.055+/-0.012 χ^2/NDF: 234.2/95

- sign 0.046+/-0.017 χ^2/NDF: 145.3/48

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 32.8/22

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 32.3/25

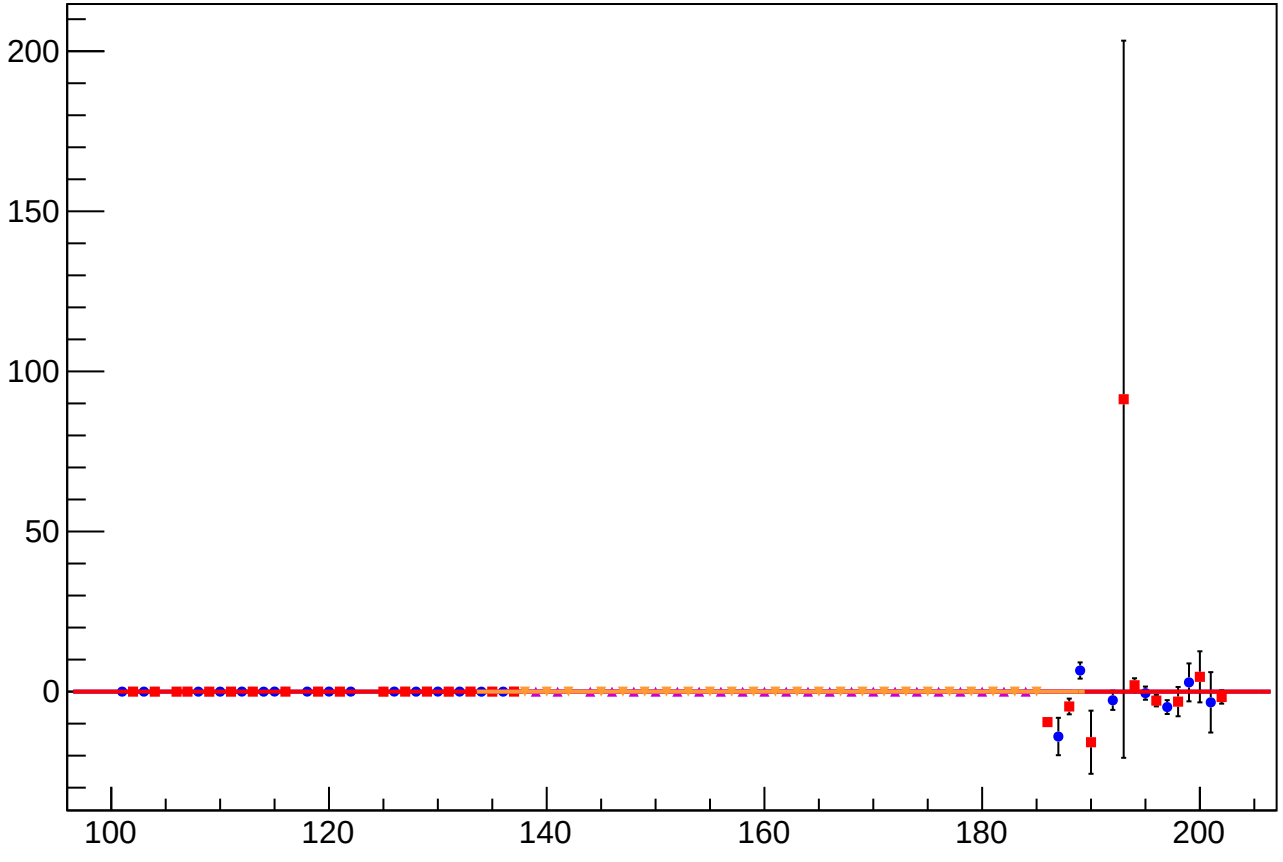
Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

+ sign 0.012+/-0.014 χ^2/NDF: 67.2/46

All: 0.003+/-0.010 χ^2/NDF: 154.0/95

- sign -0.007+/-0.014 χ^2/NDF: 86.0/48

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 47.7/22

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 69.3/25

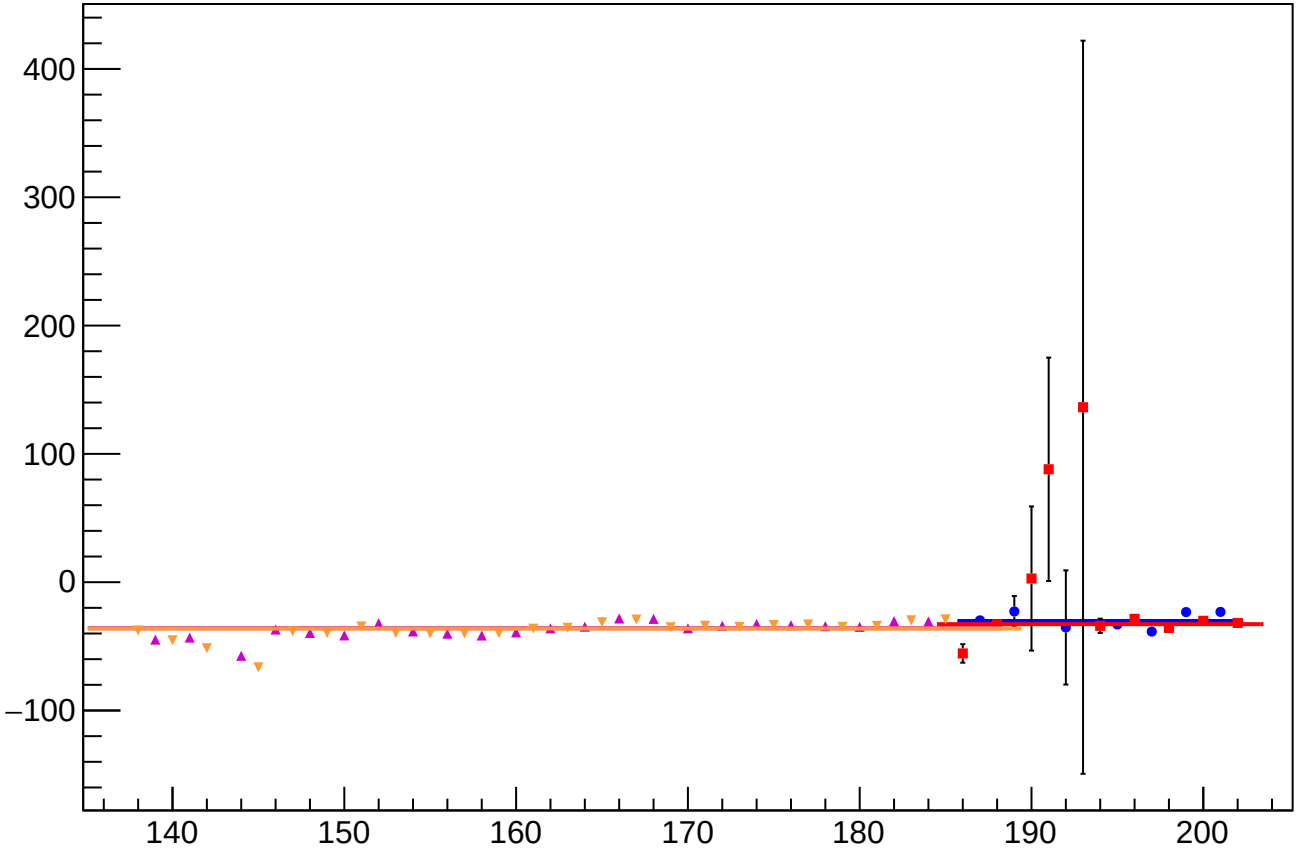
Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

+ sign -0.008+/-0.001 χ^2/NDF: 81.4/46

All: -0.008+/-0.000 χ^2/NDF: 192.9/95

- sign -0.008+/-0.001 χ^2/NDF: 111.1/48

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -30.241+/-1.149 χ^2/NDF: 20.4/6

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -32.702+/-0.925 χ^2/NDF: 16.3/9

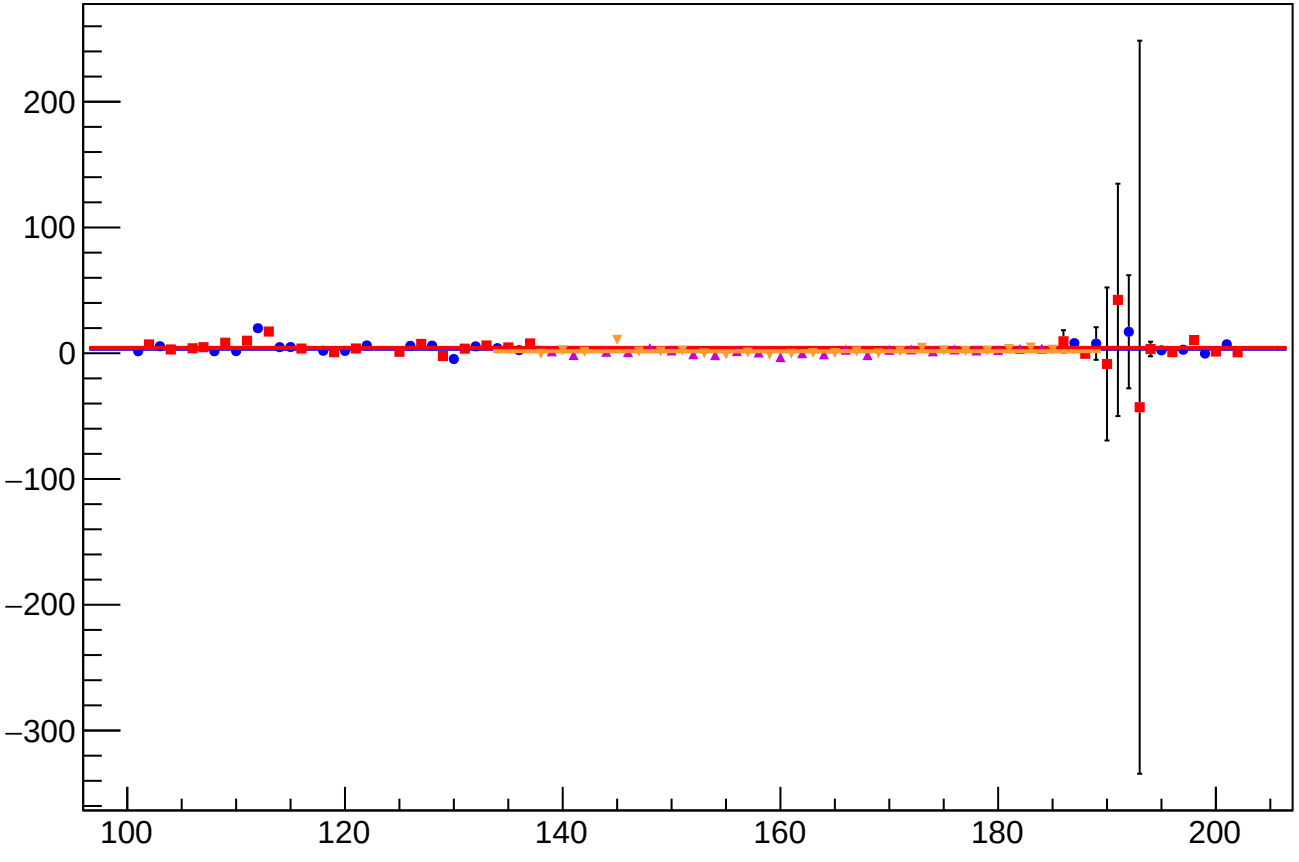
Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

+ sign -35.951+/-0.189 χ^2/NDF: 1164.2/30

All: -35.844+/-0.133 χ^2/NDF: 2079.5/63

- sign -35.740+/-0.187 χ^2/NDF: 914.7/32

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.542+/-0.215 χ^2/NDF: 451.6/22

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.277+/-0.222 χ^2/NDF: 364.2/26

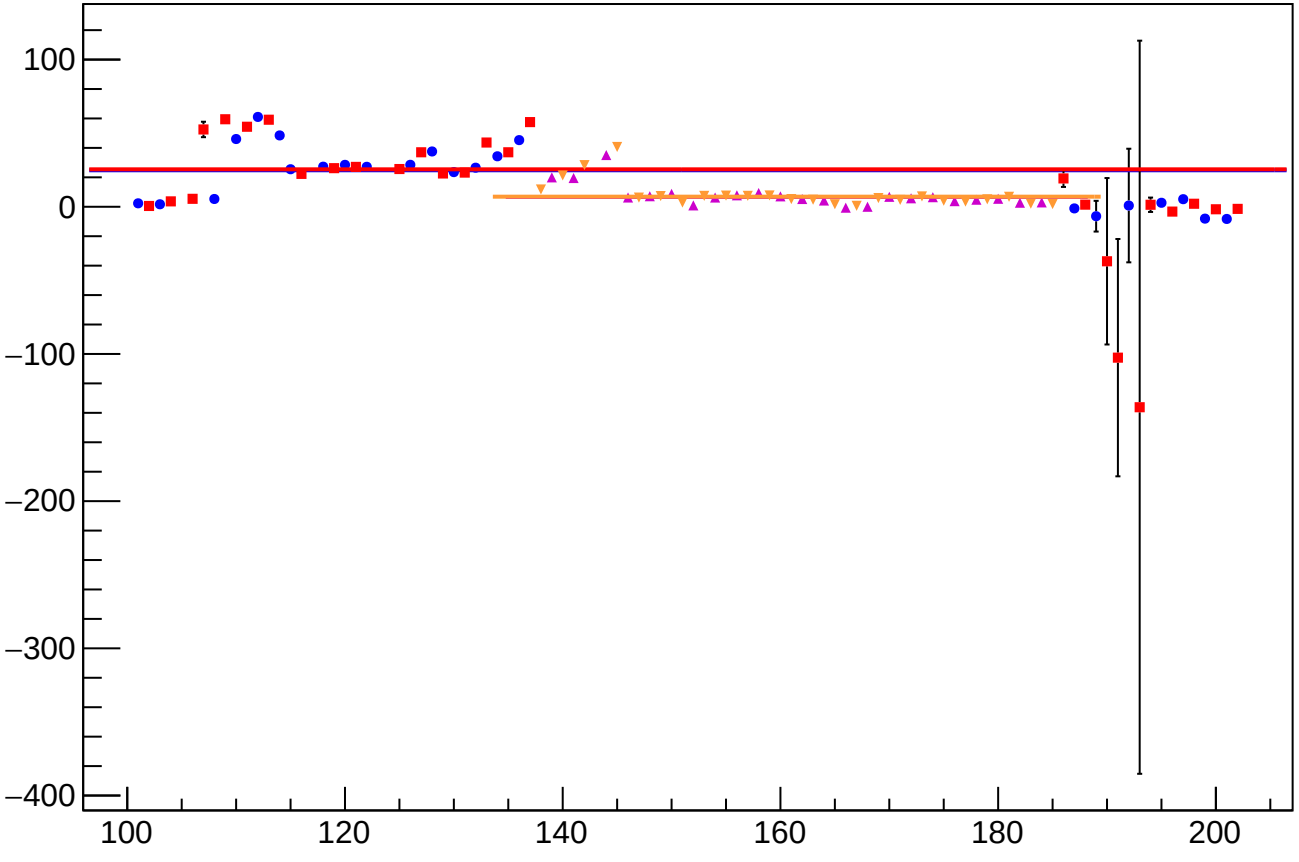
Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

+ sign 2.246+/-0.122 χ^2/NDF: 672.0/46

All: 2.354+/-0.087 χ^2/NDF: 1298.8/96

- sign 2.466+/-0.124 χ^2/NDF: 625.2/49

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 24.800+/-0.383 χ^2/NDF: 2346.1/22

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 25.438+/-0.371 χ^2/NDF: 2983.1/26

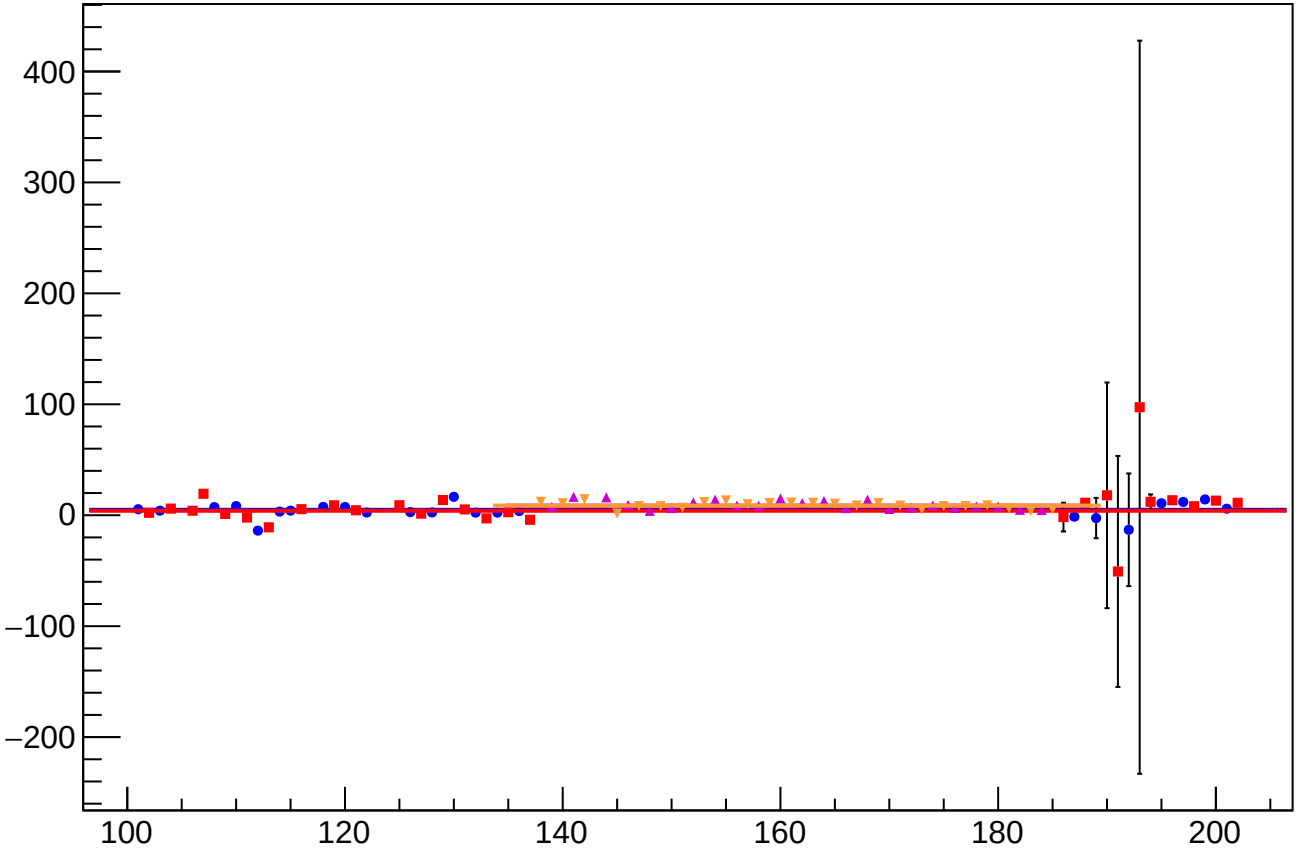
Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

+ sign 10.442+/-0.171 χ^2/NDF: 5402.2/46

All: 10.494+/-0.120 χ^2/NDF: 11502.1/96

- sign 10.546+/-0.169 χ^2/NDF: 6099.7/49

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.876+/-0.249 χ^2/NDF: 569.2/22

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 4.023+/-0.255 χ^2/NDF: 592.0/26

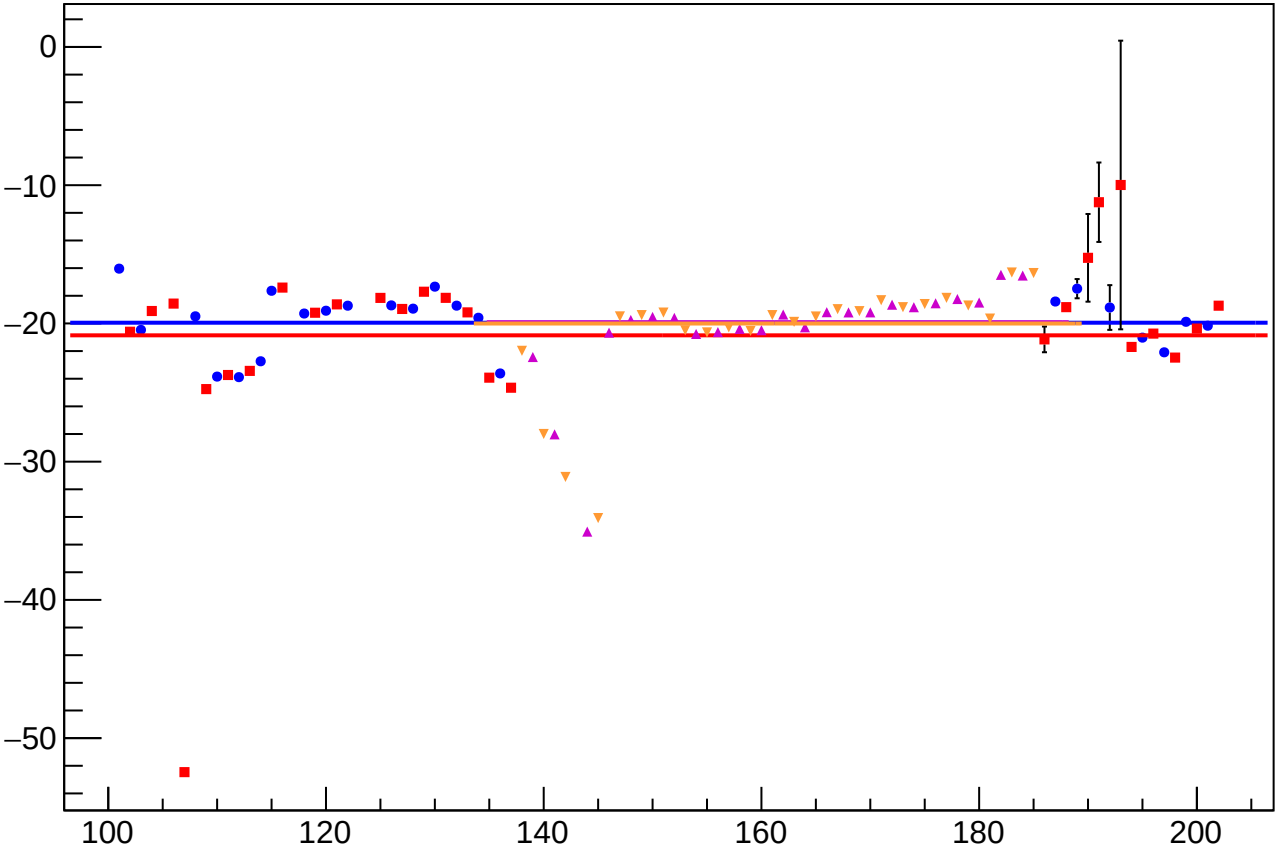
Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

+ sign 7.490+/-0.140 χ^2/NDF: 972.0/46

All: 7.366+/-0.099 χ^2/NDF: 2232.2/96

- sign 7.239+/-0.141 χ^2/NDF: 1258.6/49

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.948+/-0.015 χ^2/NDF: 26556.4/22

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.861+/-0.015 χ^2/NDF: 93556.7/26

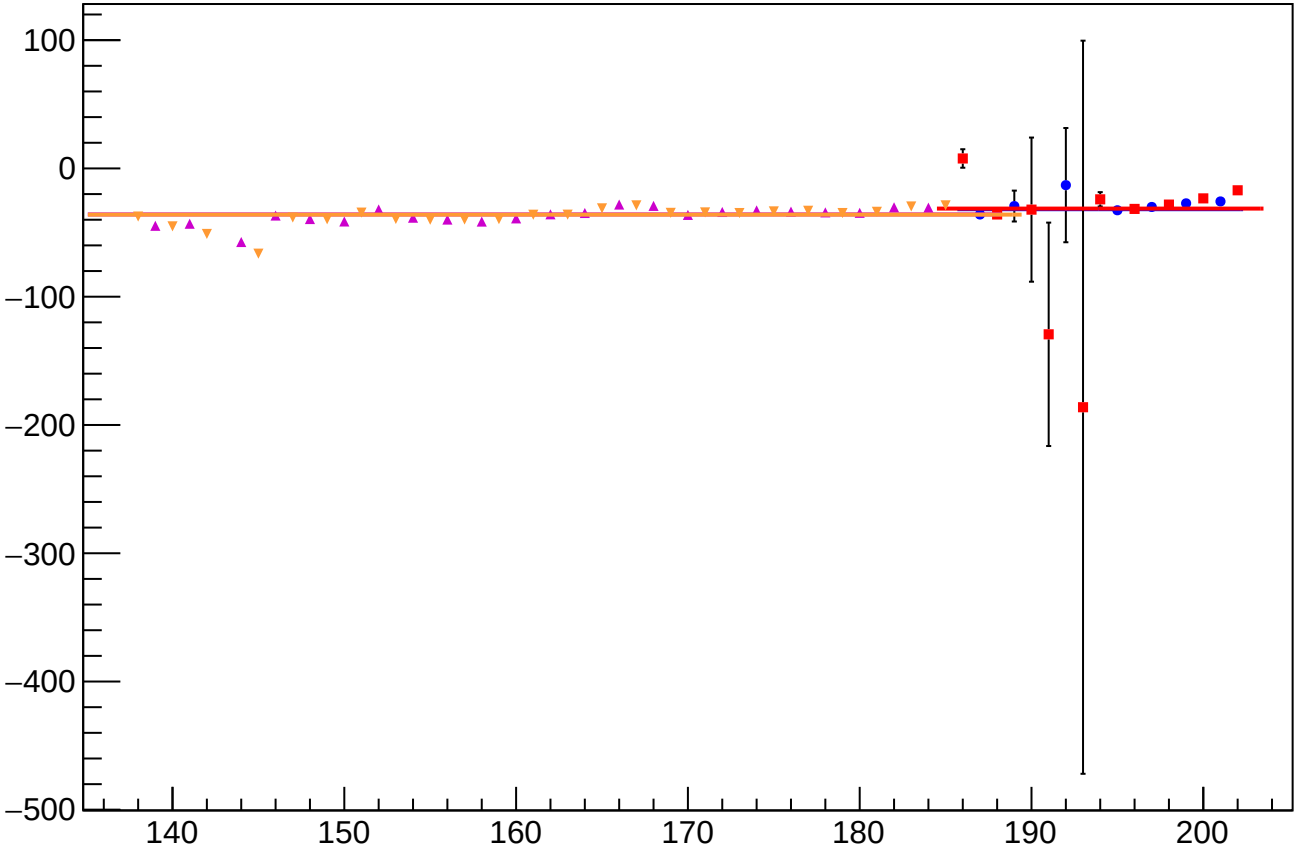
Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

+ sign -19.994+/-0.007 χ^2/NDF: 198215.6/46

All: -20.054+/-0.005 χ^2/NDF: 440541.3/96

- sign -20.114+/-0.007 χ^2/NDF: 242177.8/49

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -31.789+/-1.153 χ^2/NDF: 10.9/6

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -31.313+/-0.927 χ^2/NDF: 73.2/9

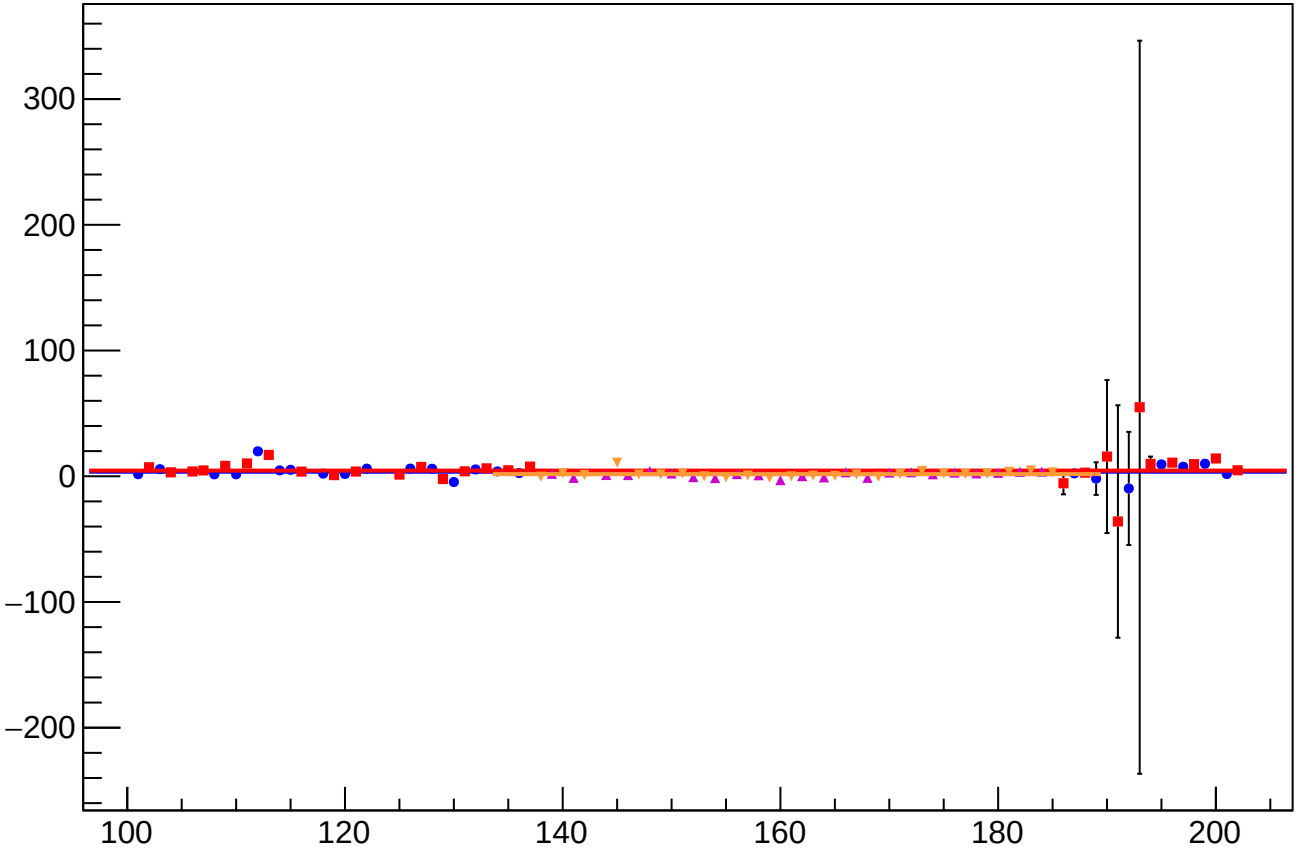
Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

+ sign -35.905+/-0.189 χ^2/NDF: 1149.4/30

All: -35.787+/-0.133 χ^2/NDF: 2122.3/63

- sign -35.672+/-0.187 χ^2/NDF: 972.1/32

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.595+/-0.215 χ^2/NDF: 453.1/22

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.503+/-0.222 χ^2/NDF: 361.1/26

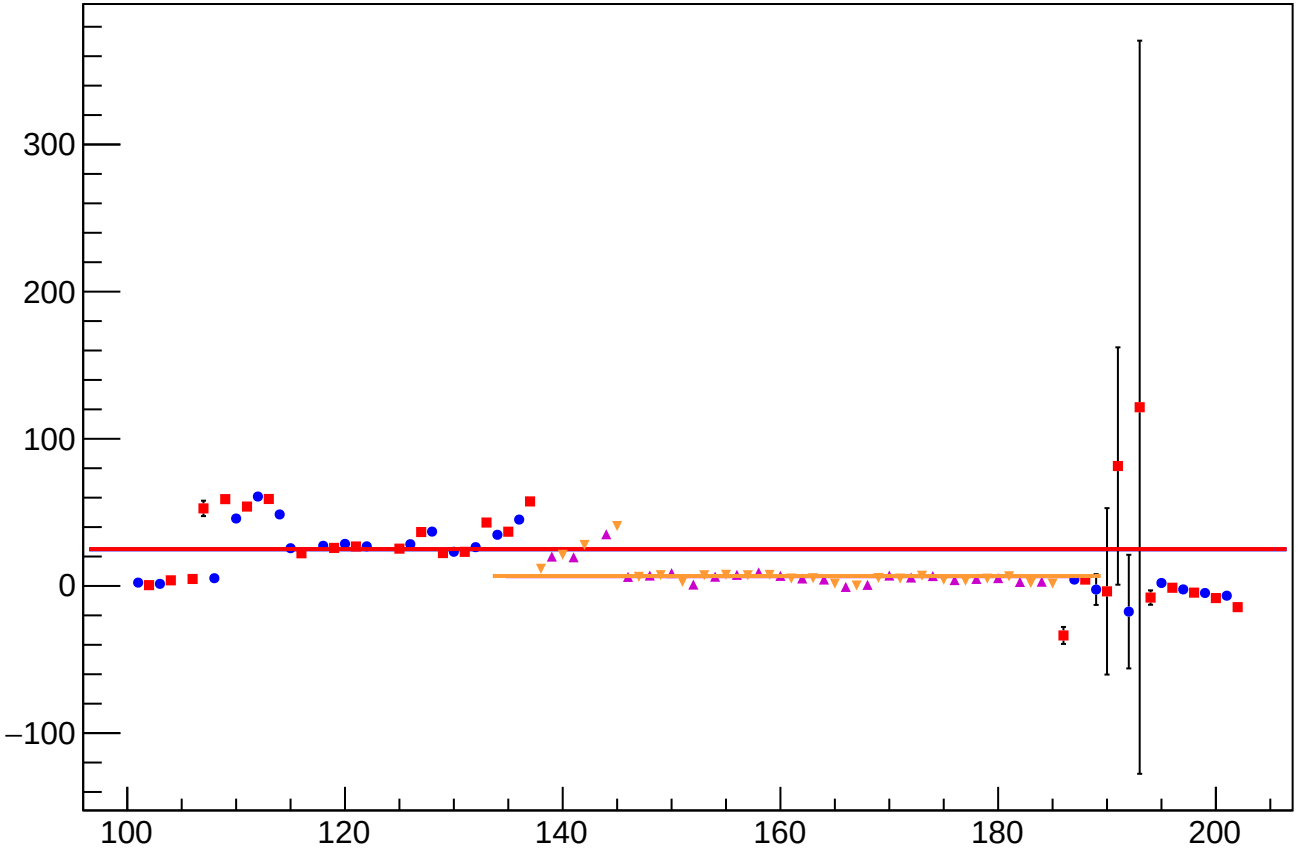
Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

+ sign 2.323+/-0.122 χ^2/NDF: 673.1/46

All: 2.450+/-0.087 χ^2/NDF: 1309.8/96

- sign 2.582+/-0.124 χ^2/NDF: 634.4/49

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 24.859+/-0.383 χ^2/NDF: 2263.0/22

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 25.065+/-0.371 χ^2/NDF: 3098.8/26

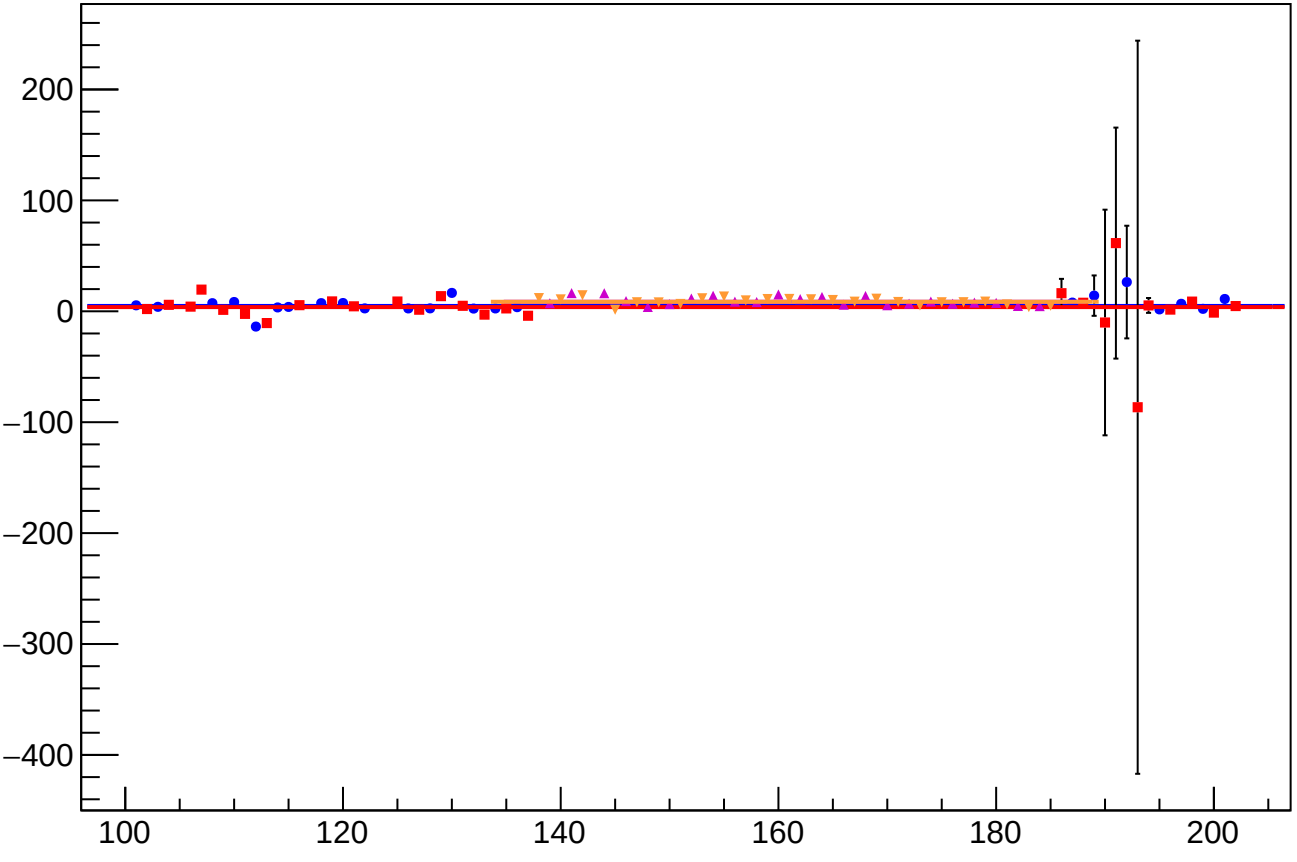
Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

+ sign 10.380+/-0.171 χ^2/NDF: 5351.2/46

All: 10.421+/-0.120 χ^2/NDF: 11480.8/96

- sign 10.460+/-0.169 χ^2/NDF: 6129.5/49

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.815+/-0.248 χ^2/NDF: 554.9/22

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.778+/-0.255 χ^2/NDF: 569.9/26

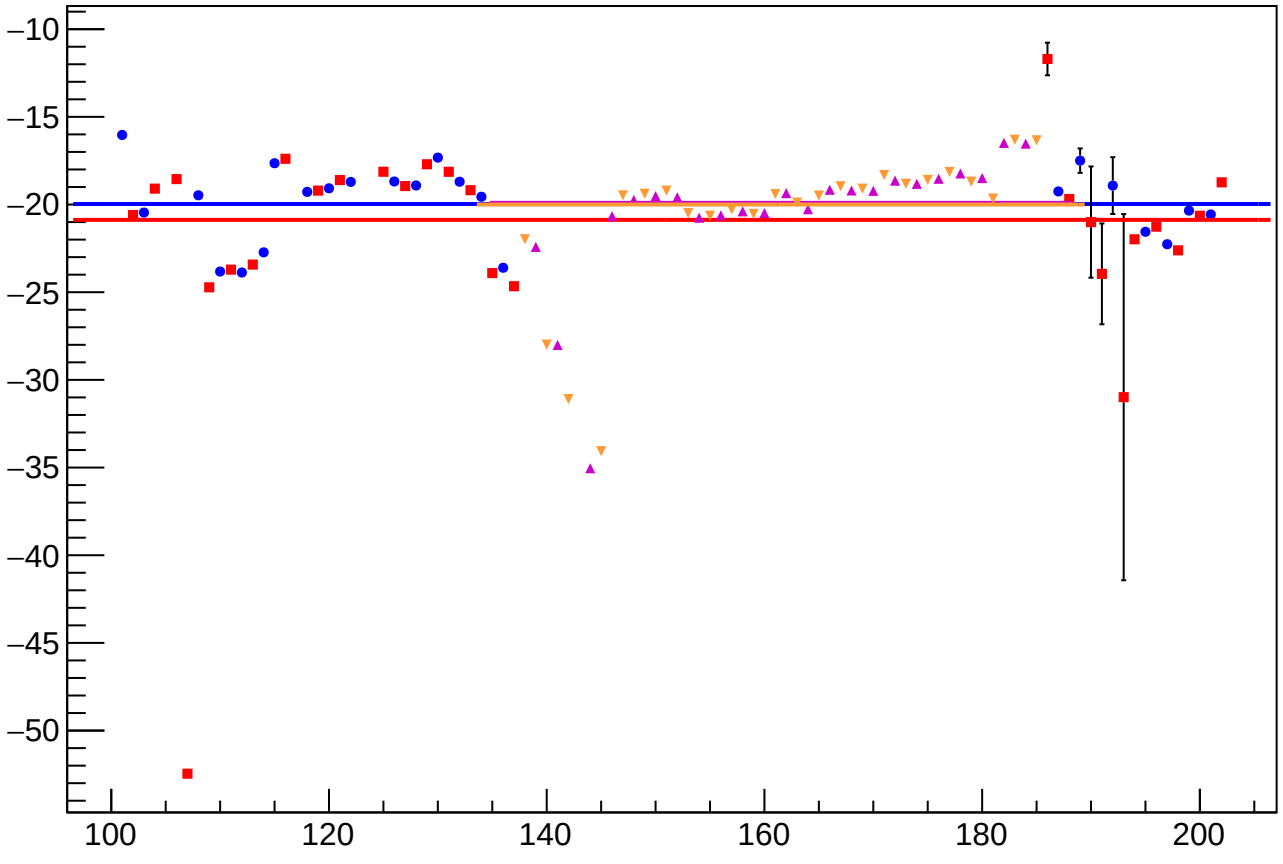
Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

+ sign 7.396+/-0.140 χ^2/NDF: 958.3/46

All: 7.252+/-0.099 χ^2/NDF: 2218.6/96

- sign 7.104+/-0.141 χ^2/NDF: 1258.1/49

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.968+/-0.015 χ^2/NDF: 26726.7/22

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.874+/-0.015 χ^2/NDF: 93653.1/26

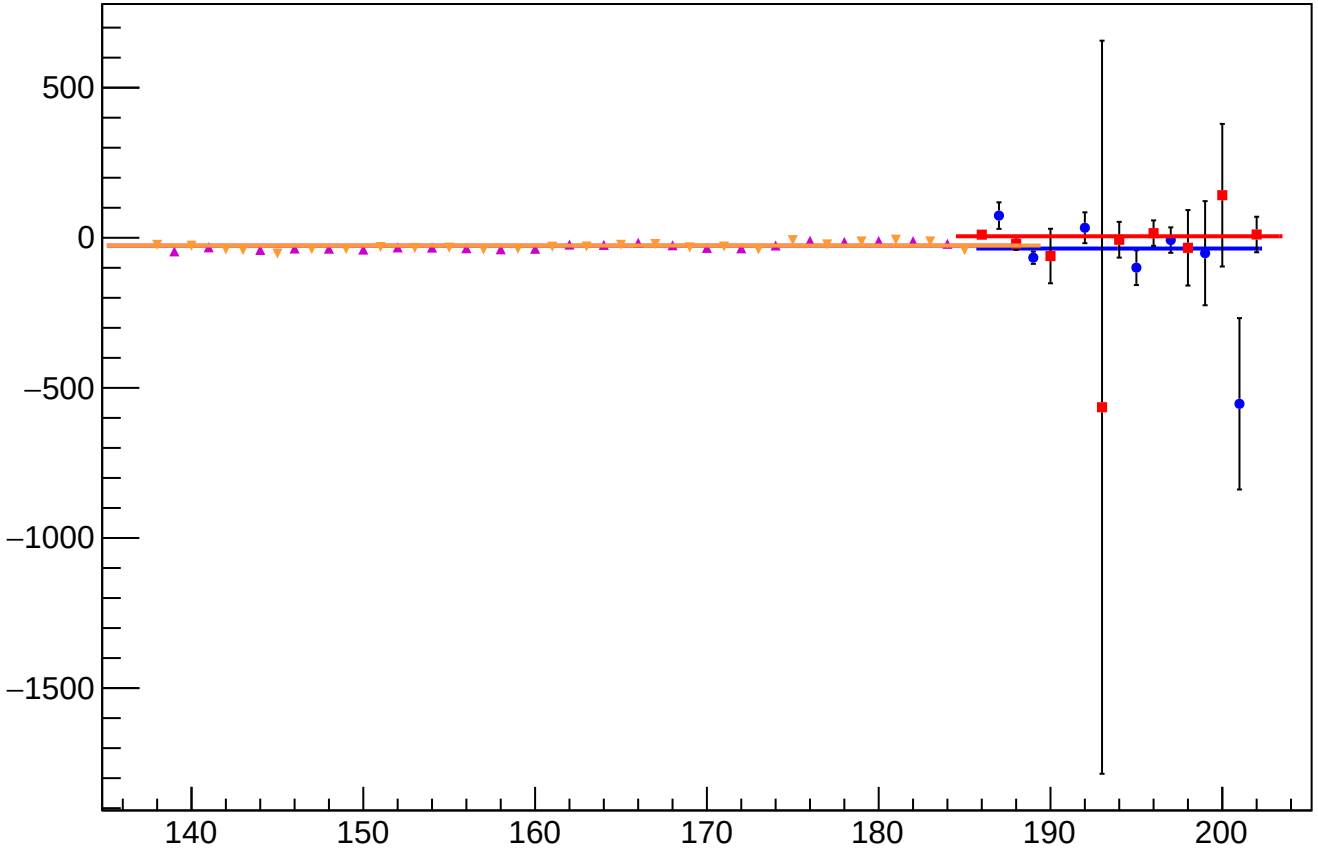
Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

+ sign -19.992+/-0.007 χ^2/NDF: 198564.0/46

All: -20.052+/-0.005 χ^2/NDF: 440982.7/96

- sign -20.111+/-0.007 χ^2/NDF: 242274.5/49

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -35.811+/-15.505 χ^2/NDF: 15.1/6

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 5.013+/-8.212 χ^2/NDF: 3.0/8

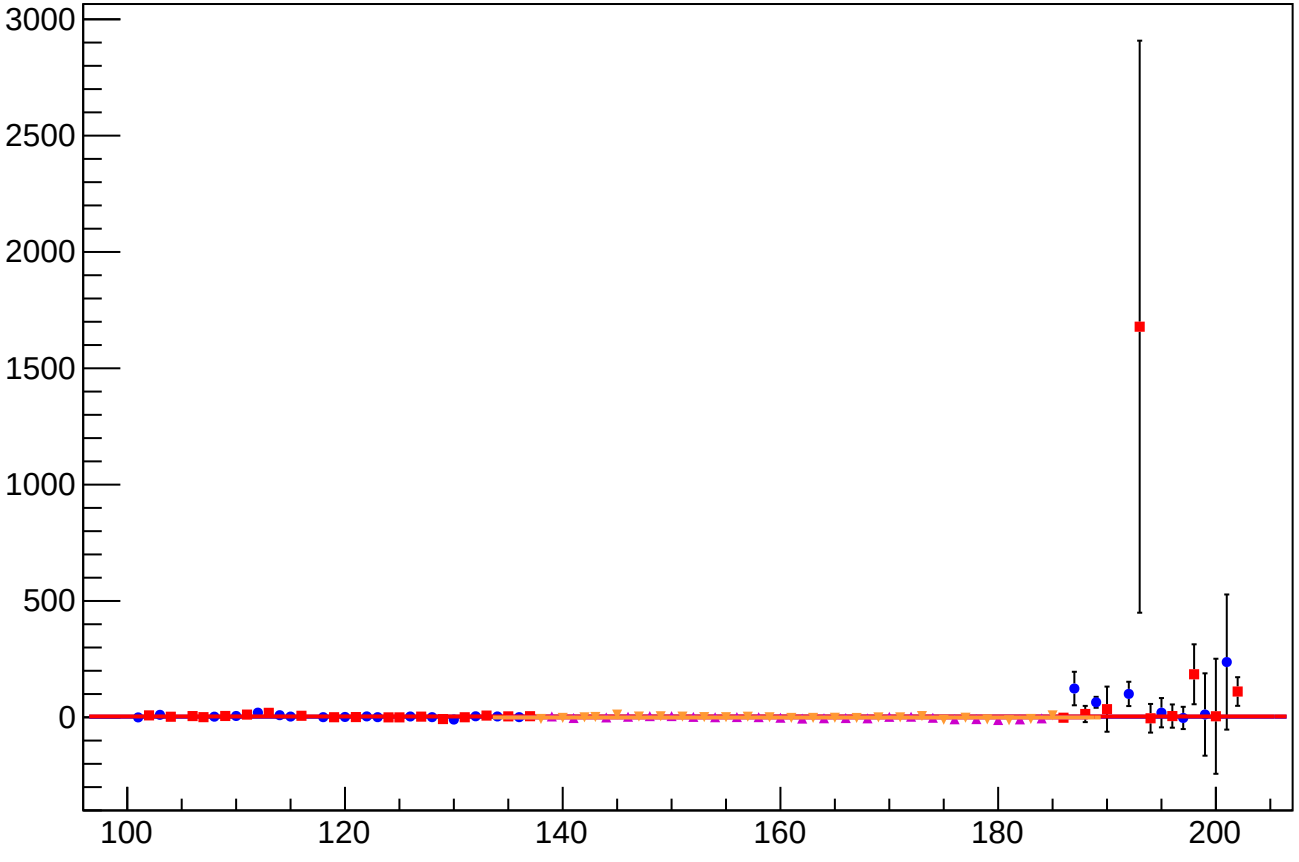
Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

+ sign -25.806+/-0.192 χ^2/NDF: 4143.3/31

All: -25.994+/-0.137 χ^2/NDF: 7540.5/63

- sign -26.186+/-0.194 χ^2/NDF: 3395.2/31

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.461+/-0.311 χ^2/NDF: 309.4/23

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.727+/-0.327 χ^2/NDF: 276.4/26

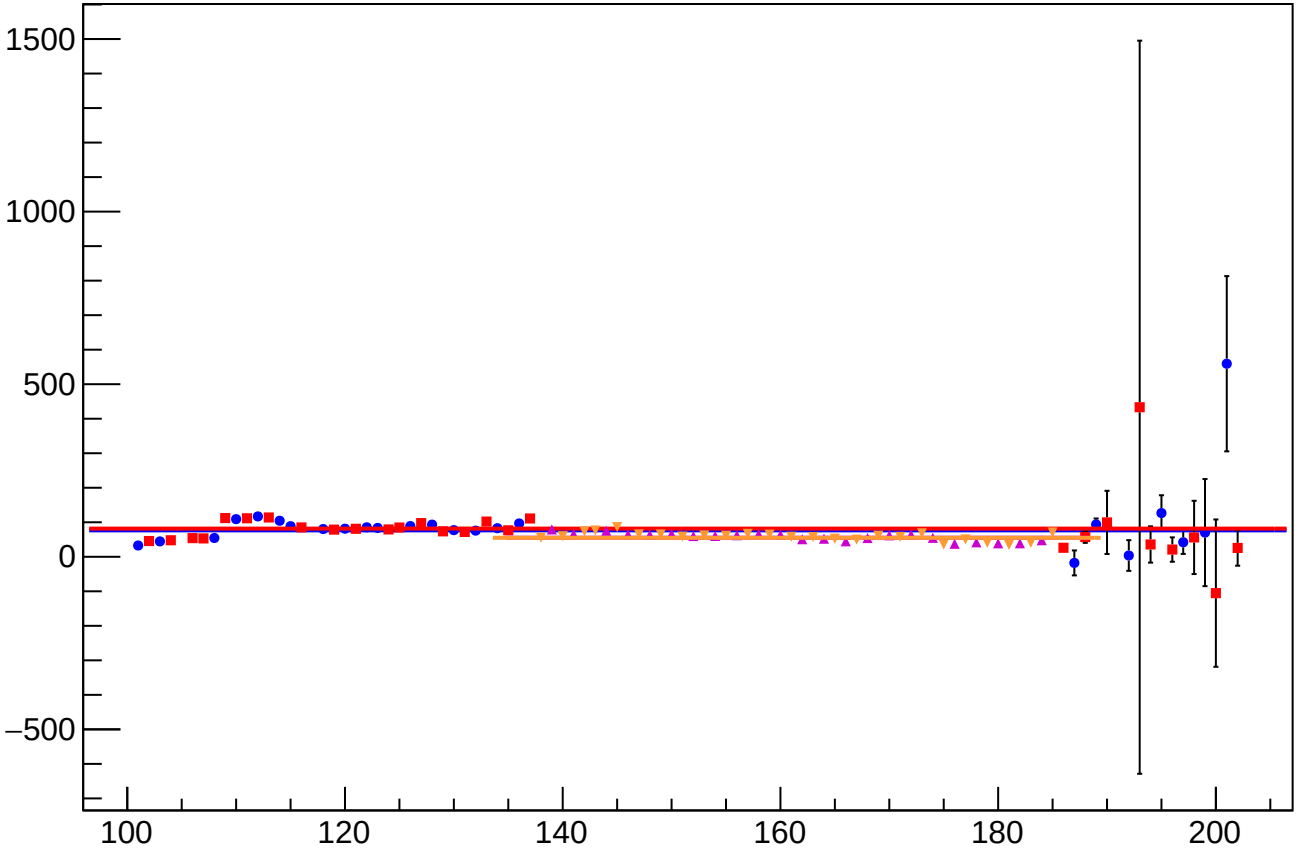
Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

+ sign -0.110+/-0.133 χ^2/NDF: 1707.1/48

All: -0.079+/-0.095 χ^2/NDF: 3216.7/98

- sign -0.046+/-0.136 χ^2/NDF: 1509.4/49

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.554+/-0.573 χ^2/NDF: 2269.6/23

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.675+/-0.590 χ^2/NDF: 1609.9/26

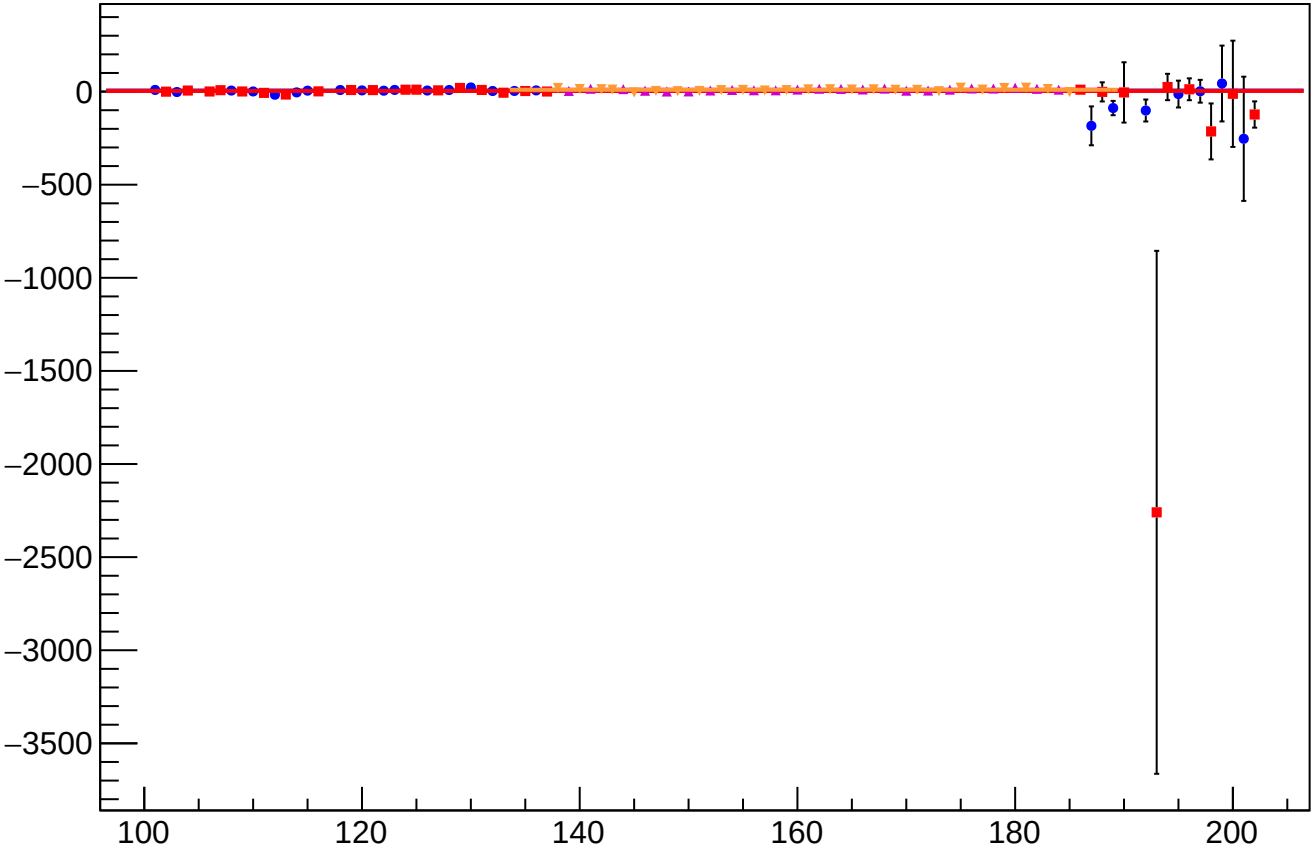
Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

+ sign 57.174+/-0.182 χ^2/NDF: 8067.8/48

All: 57.472+/-0.129 χ^2/NDF: 15321.6/98

- sign 57.773+/-0.183 χ^2/NDF: 7248.4/49

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.427+/-0.357 χ^2/NDF: 400.7/23

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.578+/-0.375 χ^2/NDF: 431.2/26

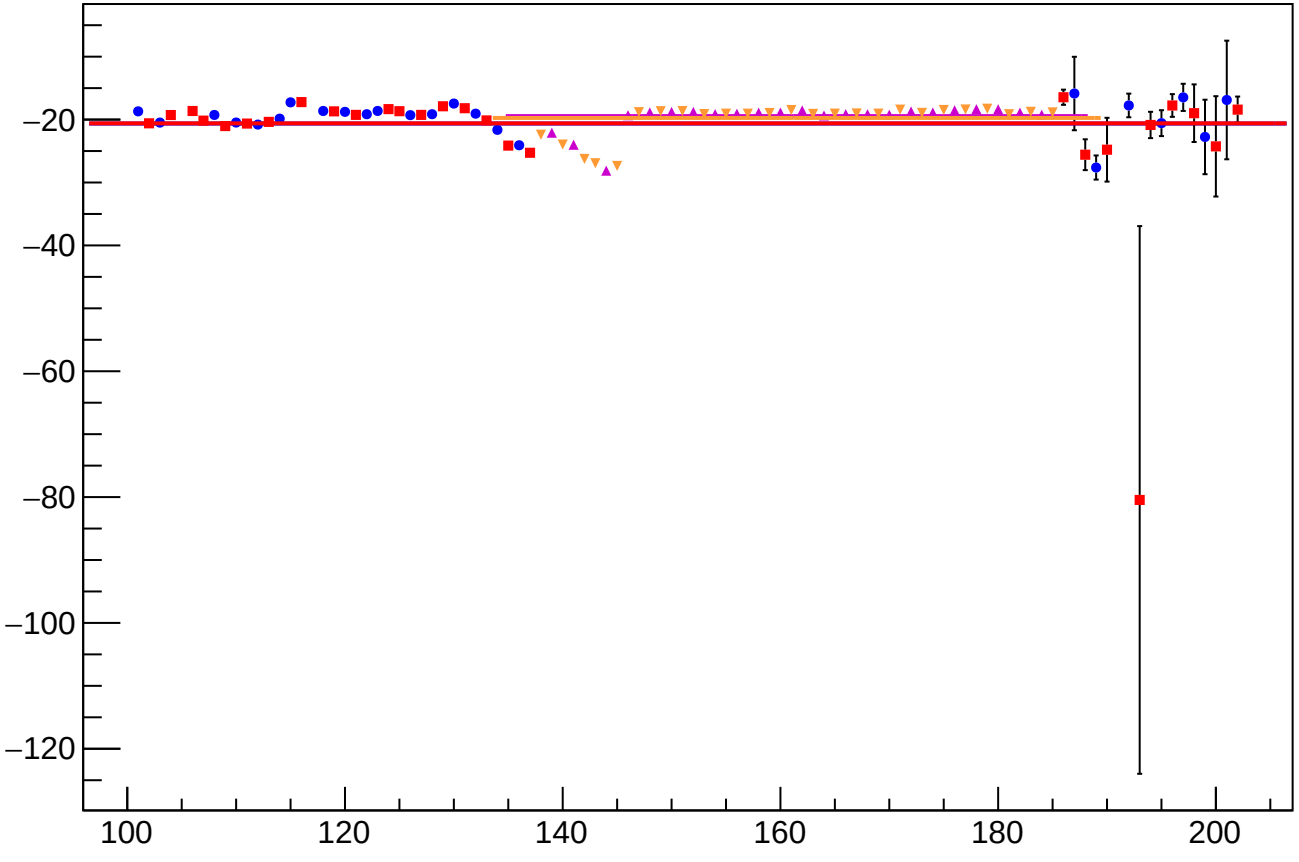
Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

+ sign 8.966+/-0.152 χ^2/NDF: 1969.7/48

All: 8.840+/-0.109 χ^2/NDF: 3793.5/98

- sign 8.707+/-0.156 χ^2/NDF: 1822.4/49

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12510.8/23

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.601+/-0.019 χ^2/NDF: 11973.6/26

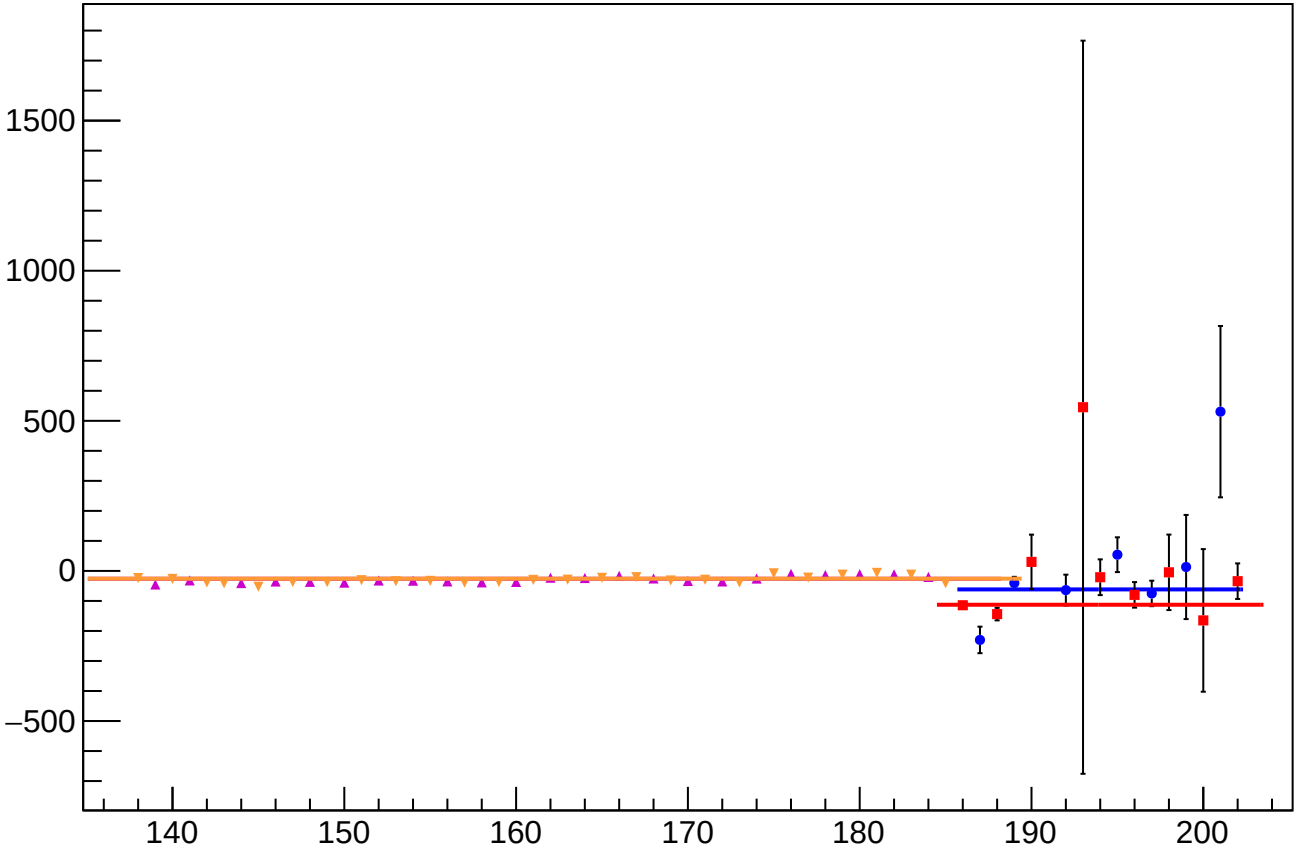
Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

+ sign -19.867+/-0.007 χ^2/NDF: 102840.3/48

All: -19.740+/-0.005 χ^2/NDF: 172474.2/98

- sign -19.612+/-0.007 χ^2/NDF: 69028.3/49

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -61.600+/-15.516 χ^2/NDF: 24.2/6

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -112.689+/-8.218 χ^2/NDF: 10.5/8

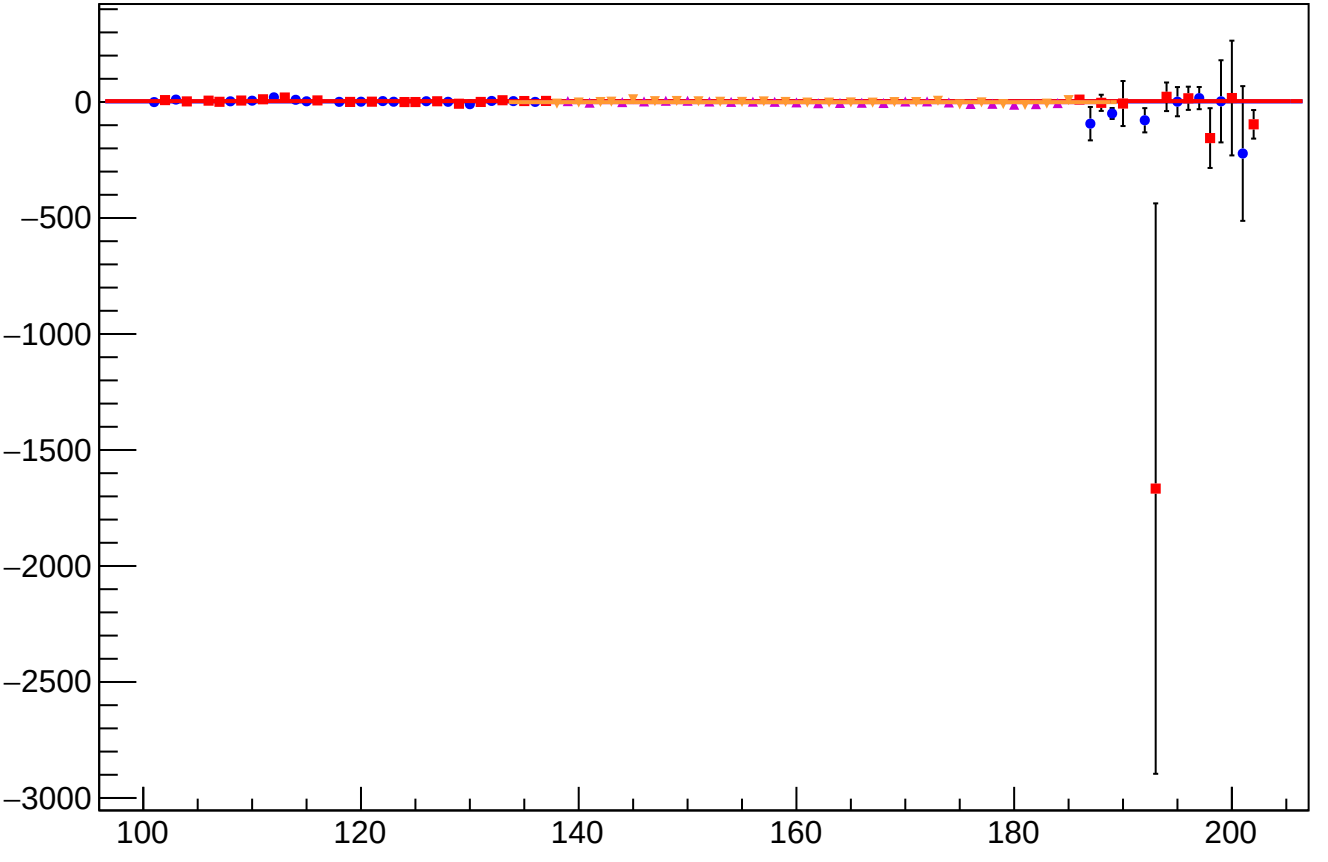
Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

+ sign -25.820+/-0.192 χ^2/NDF: 4124.1/31

All: -26.032+/-0.137 χ^2/NDF: 7592.4/63

- sign -26.248+/-0.194 χ^2/NDF: 3465.9/31

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.434+/-0.311 χ^2/NDF: 303.1/23

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.860+/-0.327 χ^2/NDF: 275.4/26

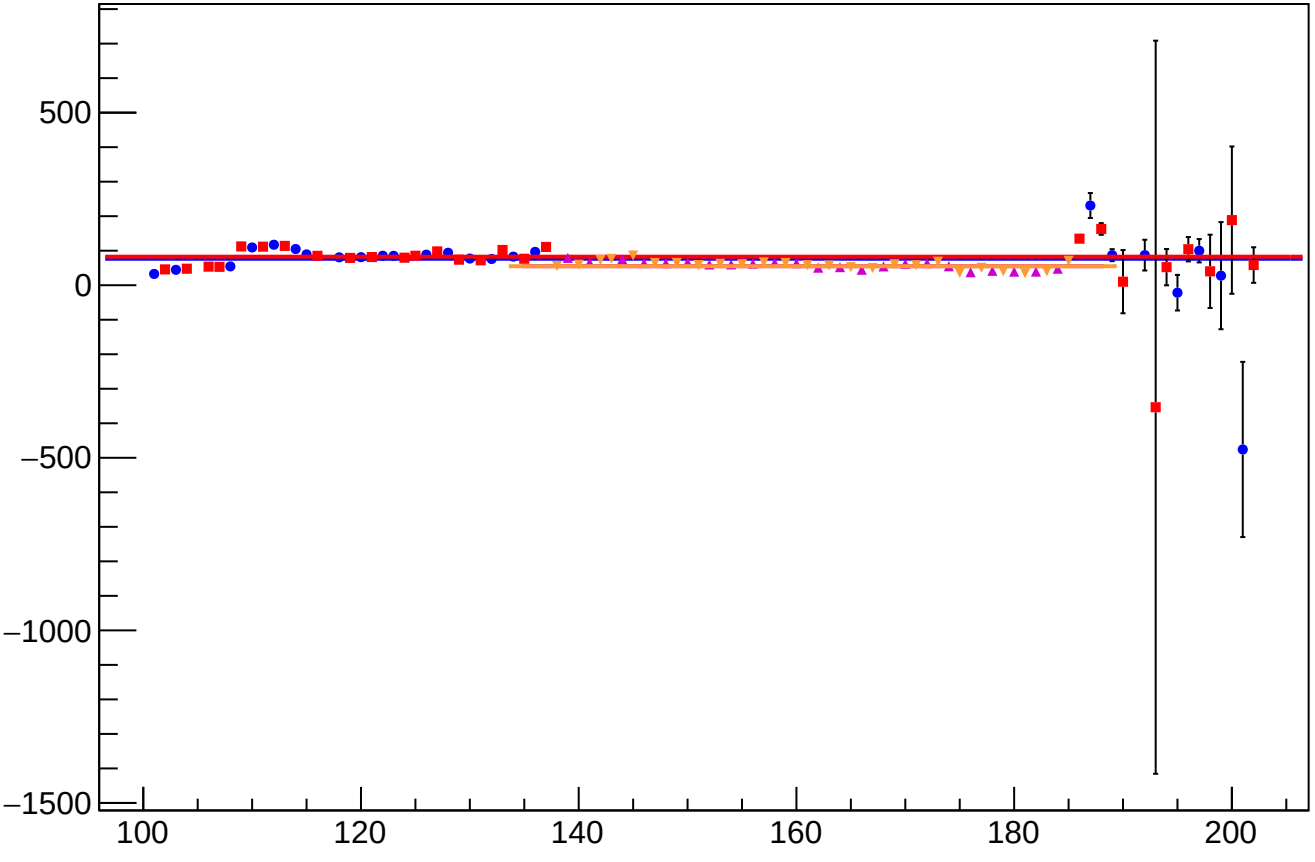
Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

+ sign -0.068+/-0.133 χ^2/NDF: 1685.7/48

All: -0.019+/-0.095 χ^2/NDF: 3238.5/98

- sign 0.034+/-0.137 χ^2/NDF: 1552.5/49

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.730+/-0.573 χ^2/NDF: 2292.7/23

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.666+/-0.591 χ^2/NDF: 1622.6/26

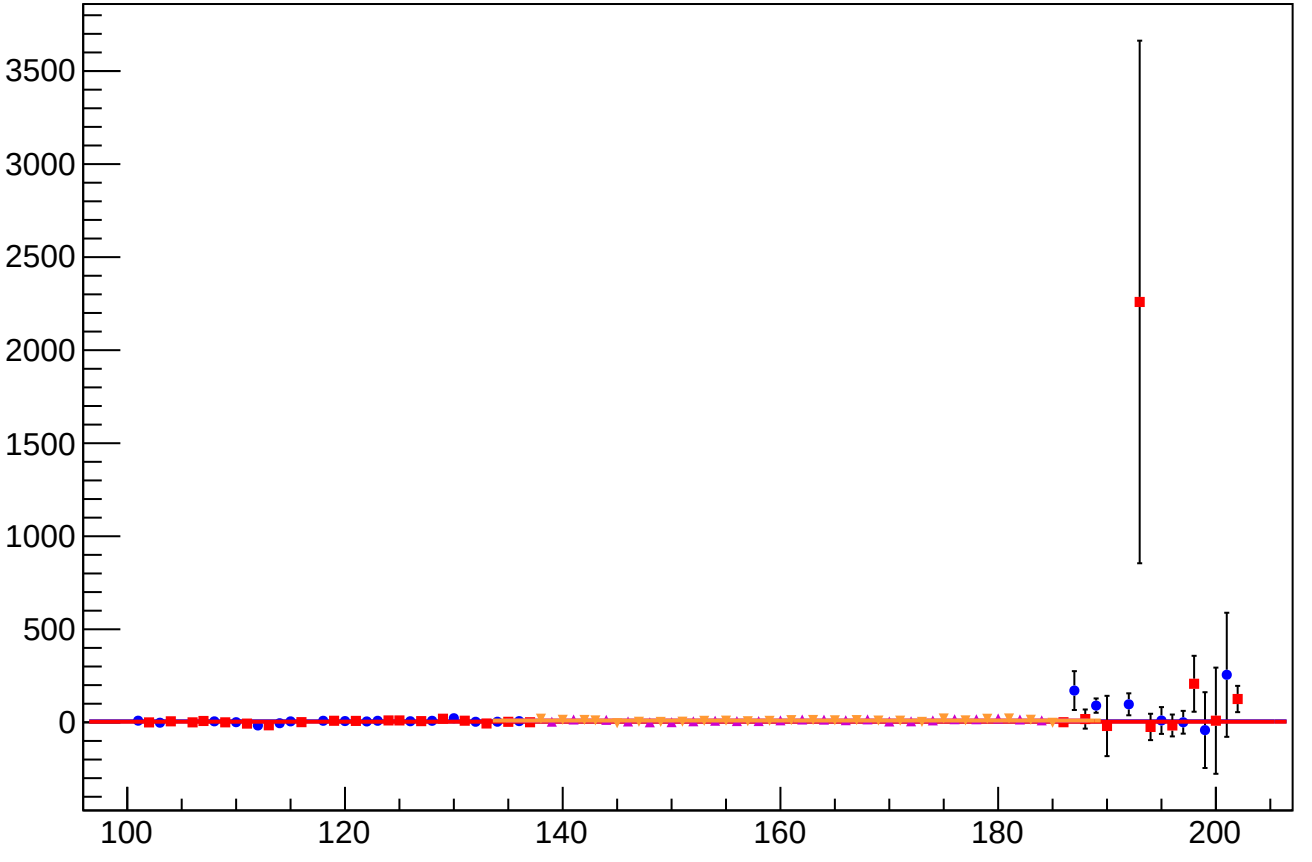
Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

+ sign 57.199+/-0.182 χ^2/NDF: 8086.6/48

All: 57.544+/-0.129 χ^2/NDF: 15448.4/98

- sign 57.894+/-0.183 χ^2/NDF: 7354.6/49

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.452+/-0.357 χ^2/NDF: 396.3/23

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.427+/-0.376 χ^2/NDF: 430.7/26

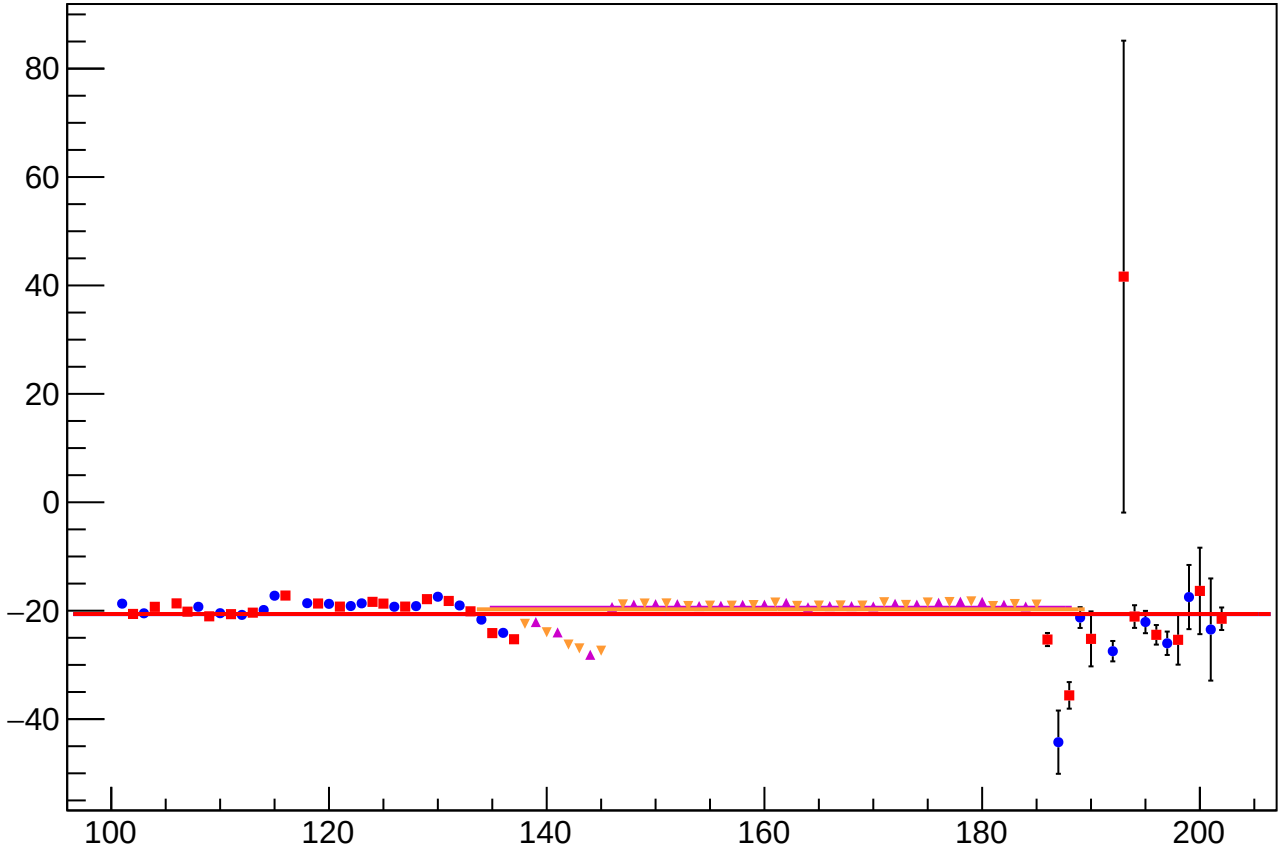
Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

+ sign 8.922+/-0.152 χ^2/NDF: 1951.7/48

All: 8.777+/-0.109 χ^2/NDF: 3813.7/98

- sign 8.626+/-0.156 χ^2/NDF: 1860.2/49

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.633+/-0.019 χ^2/NDF: 12567.6/23

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11962.2/26

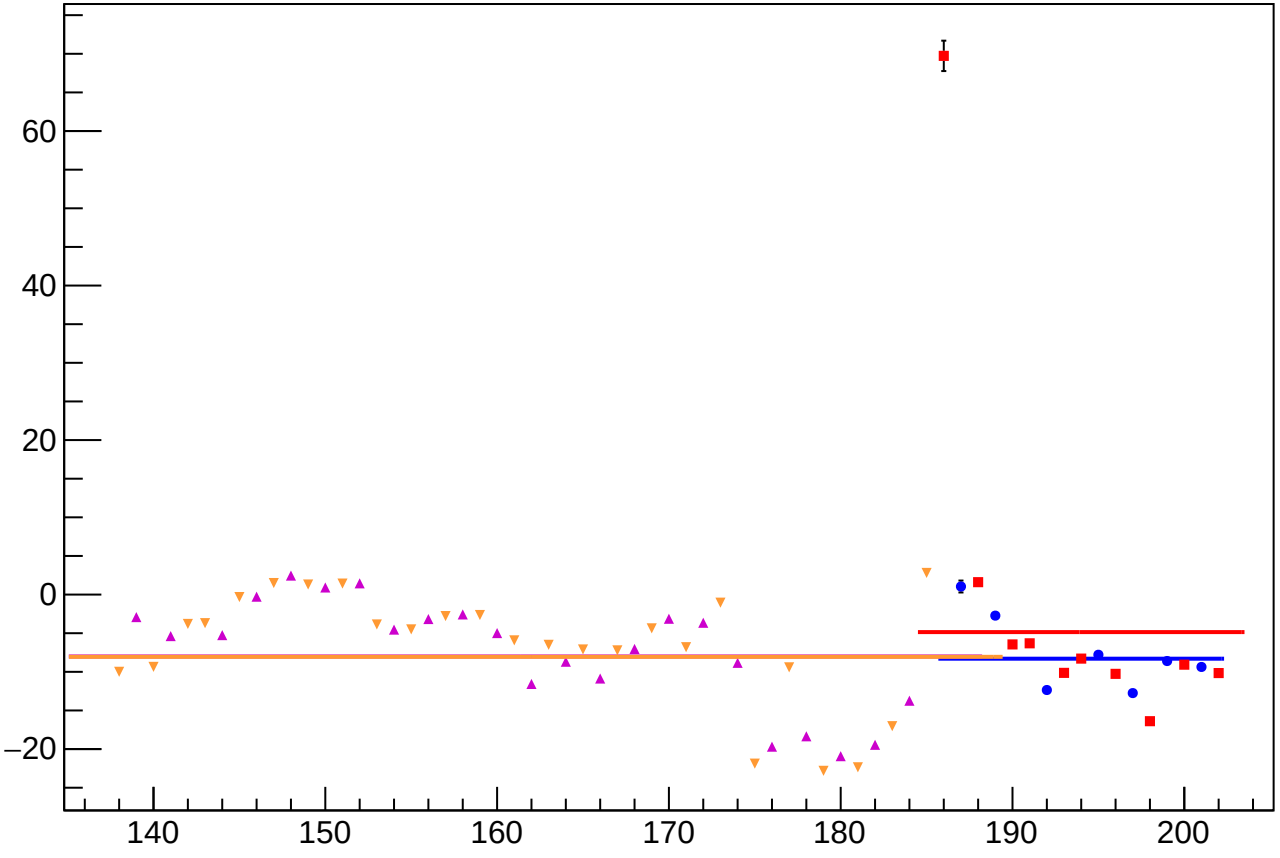
Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

+ sign -19.874+/-0.007 χ^2/NDF: 102753.0/48

All: -19.748+/-0.005 χ^2/NDF: 172306.2/98

- sign -19.621+/-0.007 χ^2/NDF: 68957.9/49

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -8.299+/-0.166 χ^2/NDF: 583.6/6

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -4.856+/-0.117 χ^2/NDF: 3978.9/9

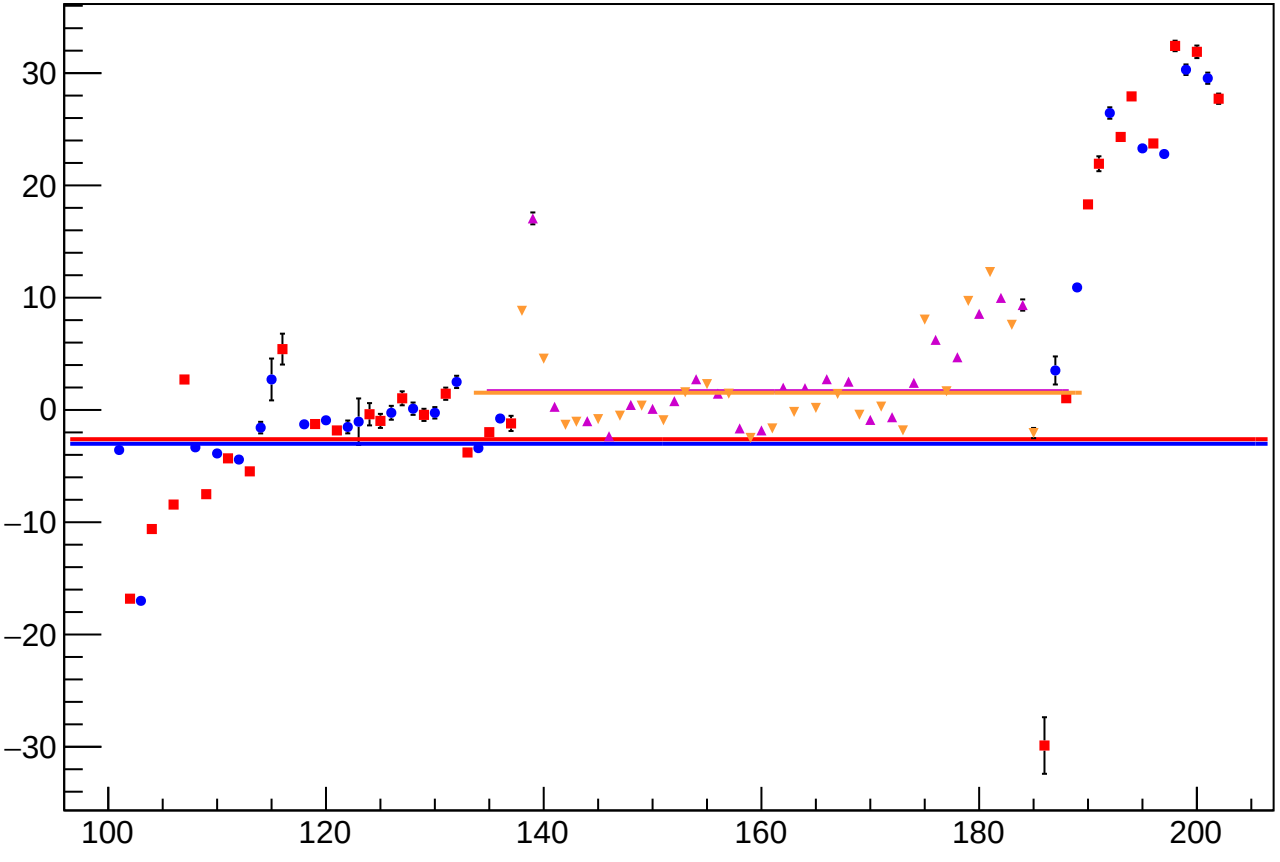
Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

+ sign -8.095+/-0.065 χ^2/NDF: 13117.6/31

All: -7.597+/-0.044 χ^2/NDF: 28366.4/64

- sign -7.157+/-0.061 χ^2/NDF: 15137.7/32

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -3.011+/-0.052 χ^2/NDF: 33335.7/23

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -2.604+/-0.055 χ^2/NDF: 48337.3/27

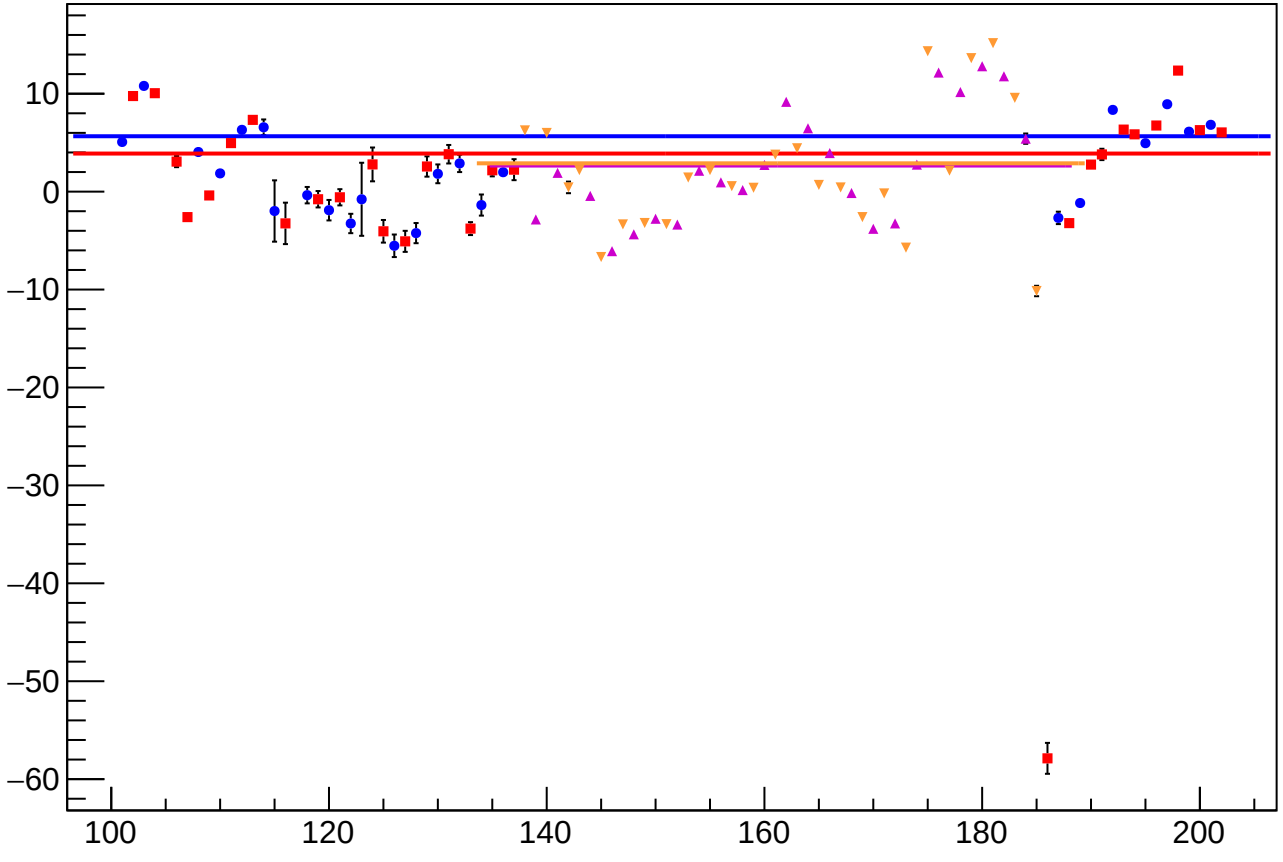
Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

+ sign -0.829+/-0.038 χ^2/NDF: 41772.1/48

All: -0.682+/-0.027 χ^2/NDF: 97198.1/99

- sign -0.522+/-0.039 χ^2/NDF: 55394.3/50

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.657+/-0.076 χ^2/NDF: 2175.2/23

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.888+/-0.070 χ^2/NDF: 7333.2/27

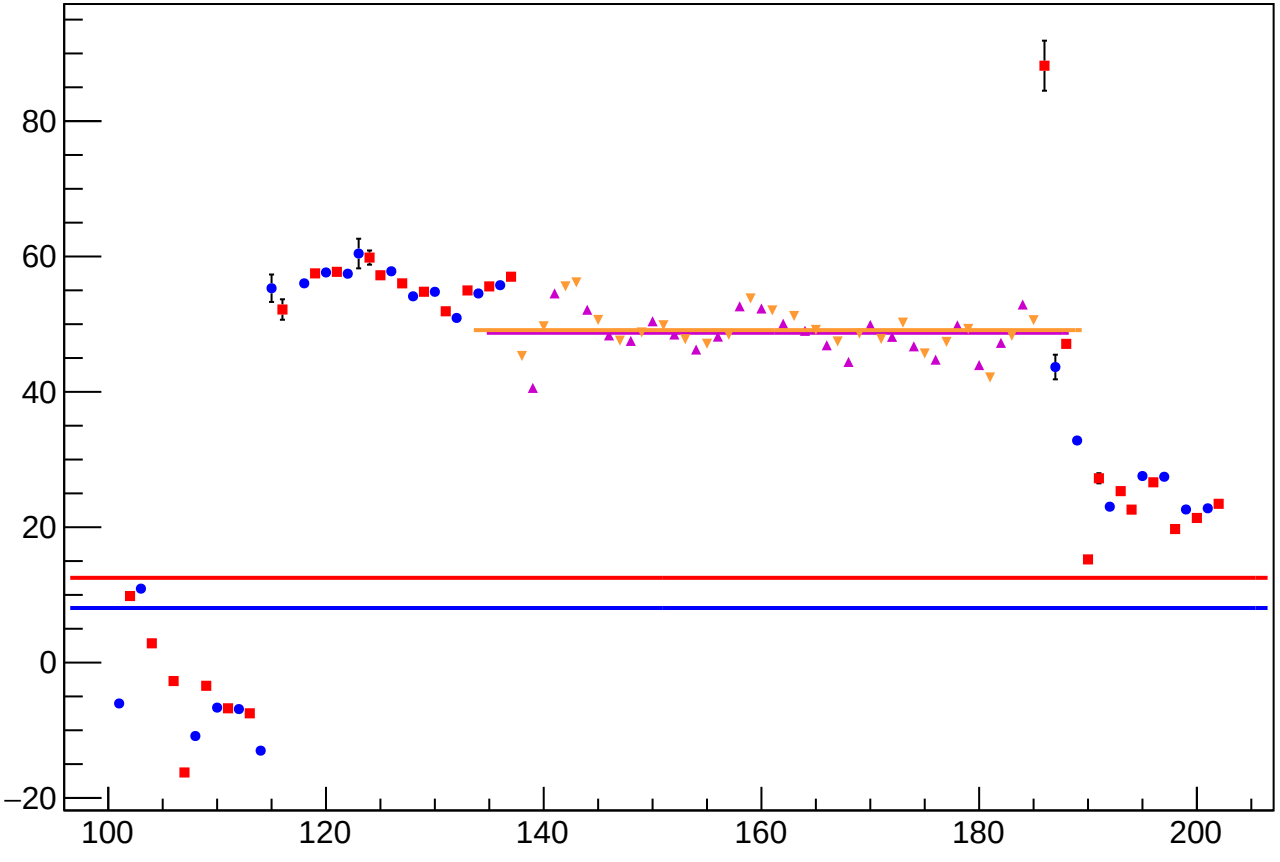
Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

+ sign 4.165+/-0.052 χ^2/NDF: 11775.2/48

All: 3.709+/-0.036 χ^2/NDF: 26718.2/99

- sign 3.289+/-0.050 χ^2/NDF: 14793.8/50

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 8.065+/-0.062 χ^2/NDF: 131557.4/23

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 12.525+/-0.065 χ^2/NDF: 134187.4/27

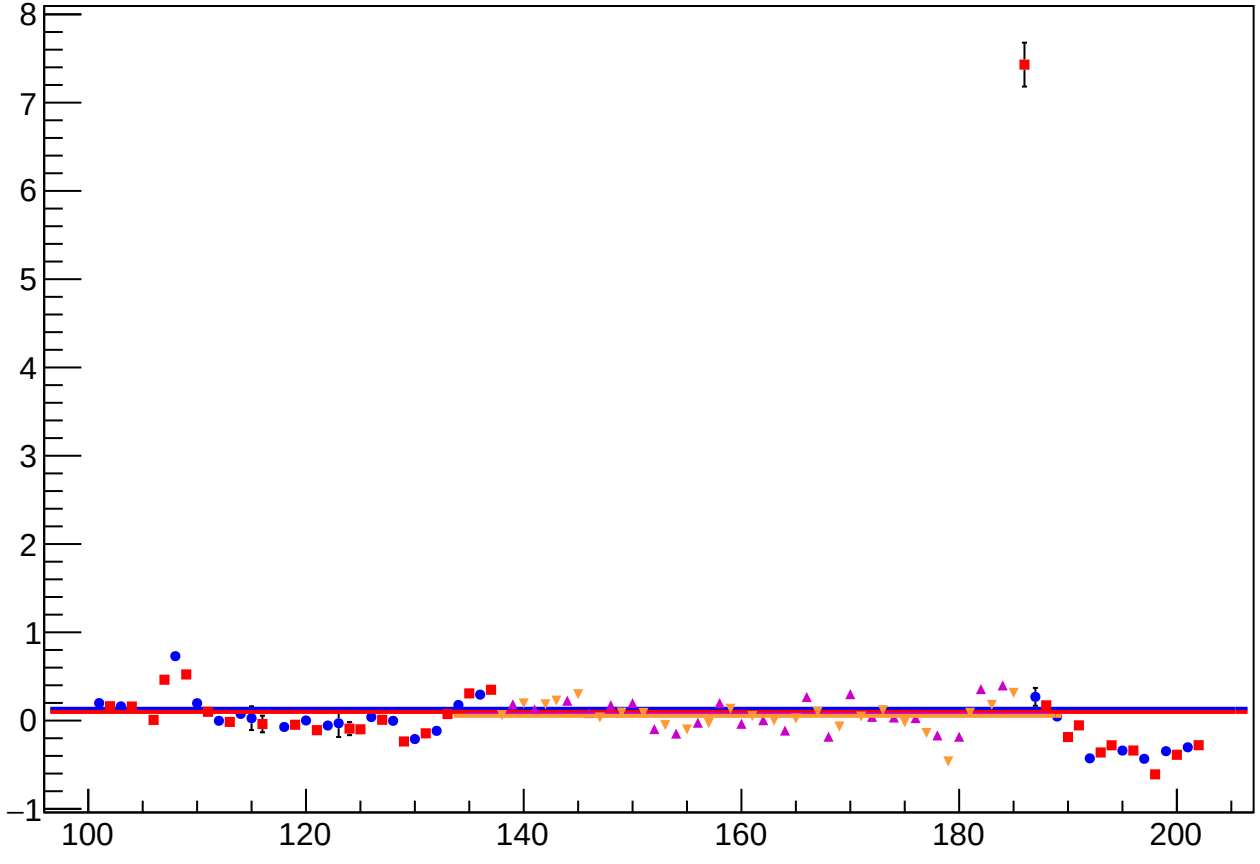
Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

+ sign 28.626+/-0.044 χ^2/NDF: 353459.4/48

All: 29.846+/-0.032 χ^2/NDF: 648797.3/99

- sign 31.168+/-0.046 χ^2/NDF: 293721.8/50

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.134+/-0.003 χ^2/NDF: 10106.3/23

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.098+/-0.002 χ^2/NDF: 10788.1/27

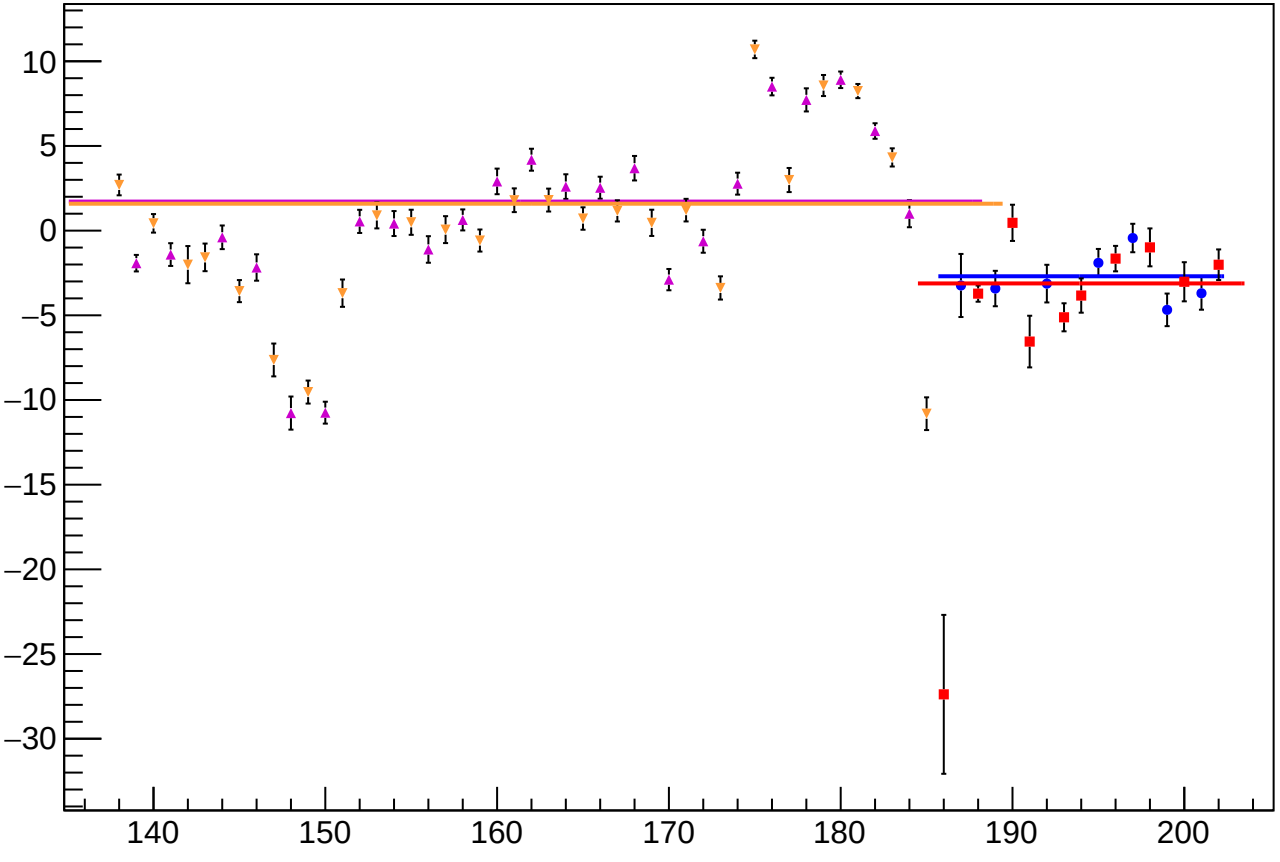
Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

+ sign 0.098+/-0.002 χ^2/NDF: 12921.2/48

All: 0.092+/-0.001 χ^2/NDF: 27046.4/99

- sign 0.087+/-0.002 χ^2/NDF: 14108.4/50

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -2.695+/-0.377 χ^2/NDF: 14.2/6

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.117+/-0.280 χ^2/NDF: 59.9/9

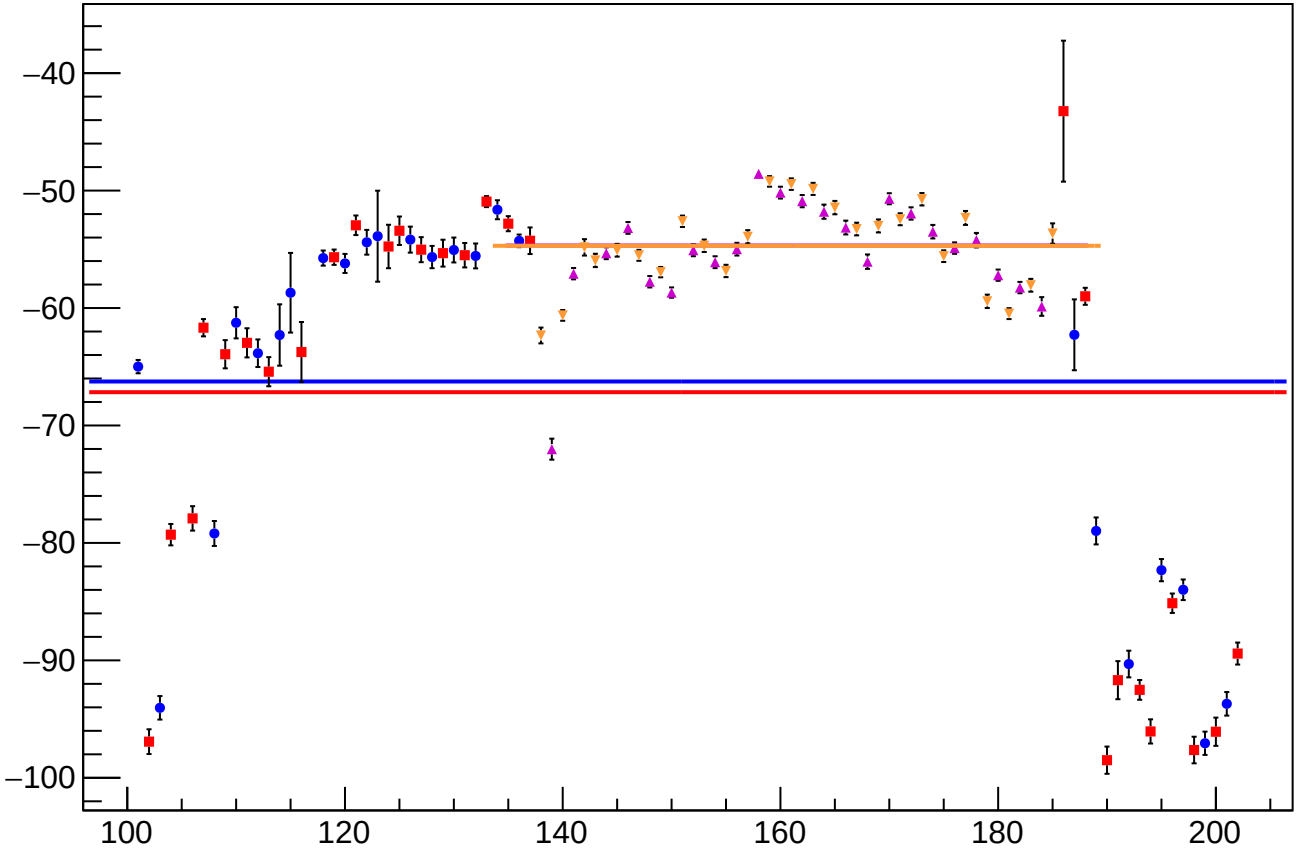
Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

+ sign 1.115+/-0.125 χ^2/NDF: 1586.6/31

All: 0.960+/-0.087 χ^2/NDF: 3204.7/64

- sign 0.815+/-0.121 χ^2/NDF: 1615.1/32

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -66.255+/-0.195 χ^2/NDF: 5772.5/23

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -67.166+/-0.178 χ^2/NDF: 9263.1/27

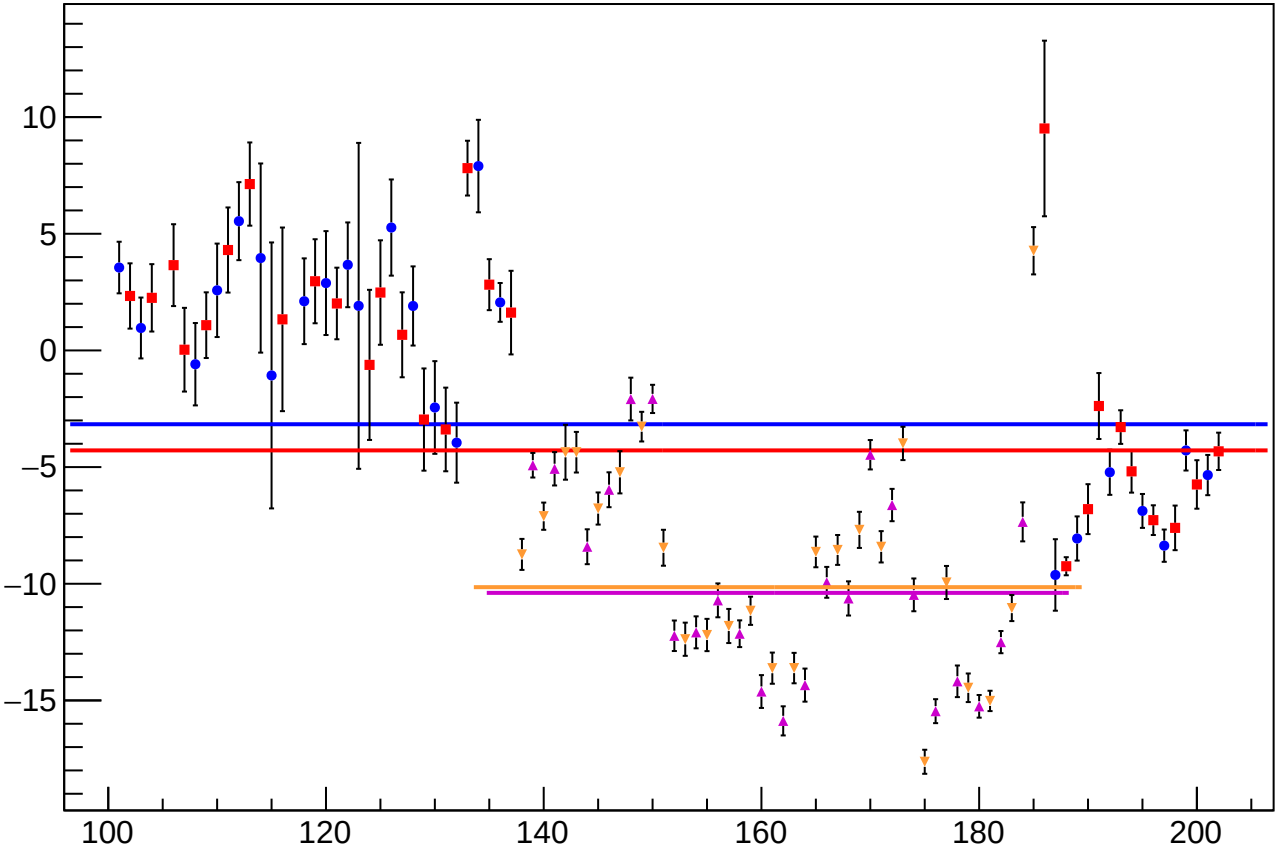
Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

+ sign -57.327+/-0.093 χ^2/NDF: 9598.1/48

All: -57.716+/-0.066 χ^2/NDF: 23611.7/99

- sign -58.107+/-0.093 χ^2/NDF: 13978.6/50

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -3.163+/-0.255 χ^2/NDF: 354.4/23

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -4.285+/-0.205 χ^2/NDF: 583.6/27

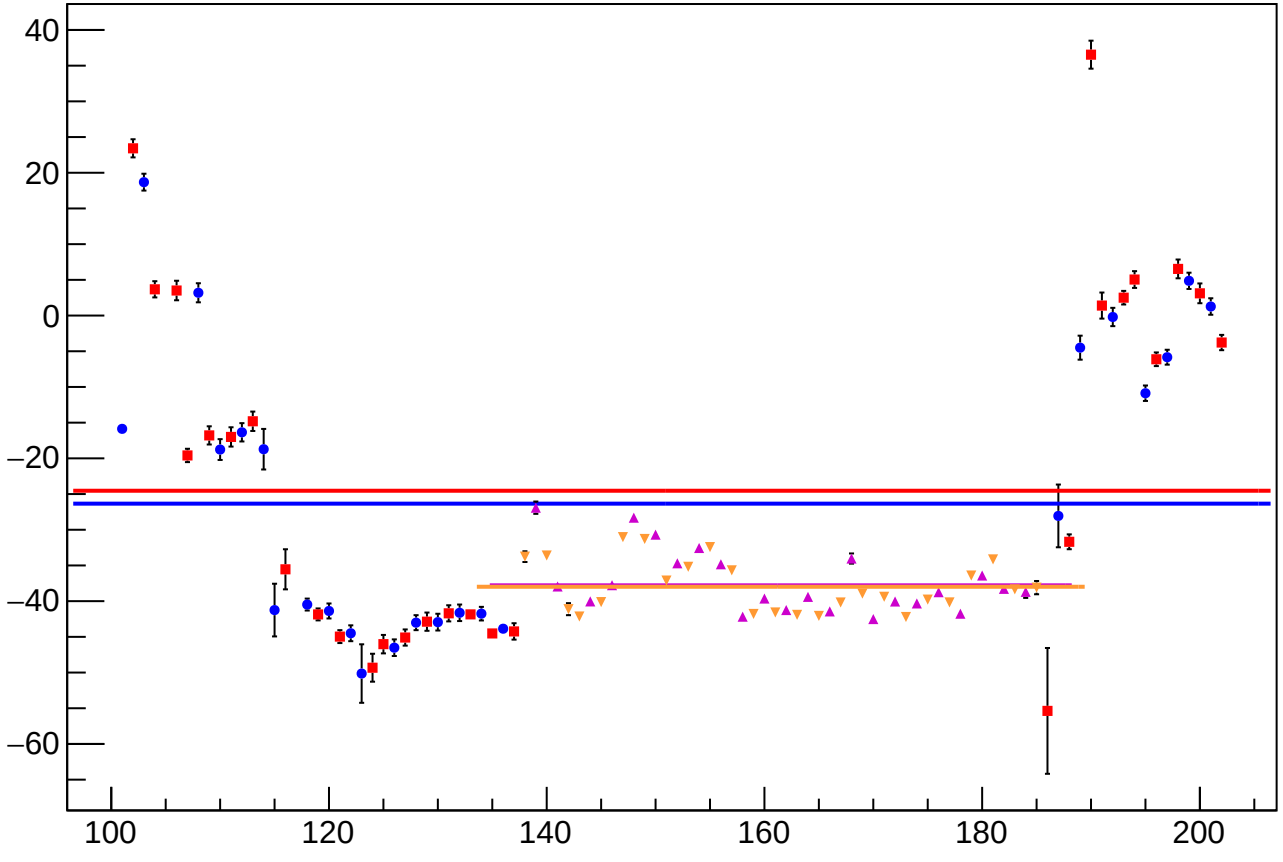
Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

+ sign -8.649+/-0.118 χ^2/NDF: 1995.9/48

All: -8.606+/-0.081 χ^2/NDF: 4227.2/99

- sign -8.566+/-0.112 χ^2/NDF: 2231.1/50

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -26.345+/-0.225 χ^2/NDF: 7813.0/23

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -24.536+/-0.208 χ^2/NDF: 11269.8/27

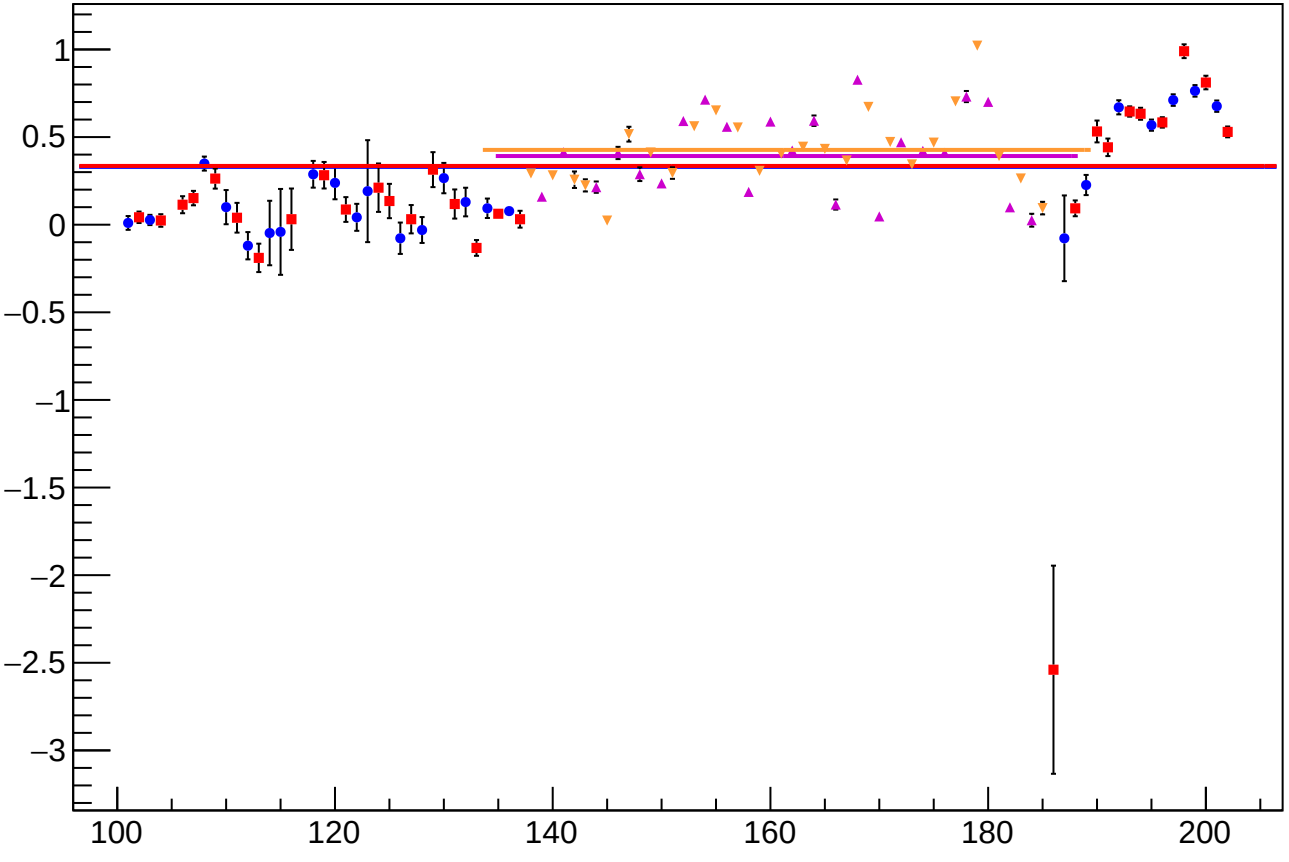
Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

+ sign -35.434+/-0.105 χ^2/NDF: 10845.3/48

All: -34.917+/-0.074 χ^2/NDF: 26259.7/99

- sign -34.401+/-0.105 χ^2/NDF: 15366.2/50

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.330+/-0.010 χ^2/NDF: 986.7/23

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.335+/-0.009 χ^2/NDF: 1339.4/27

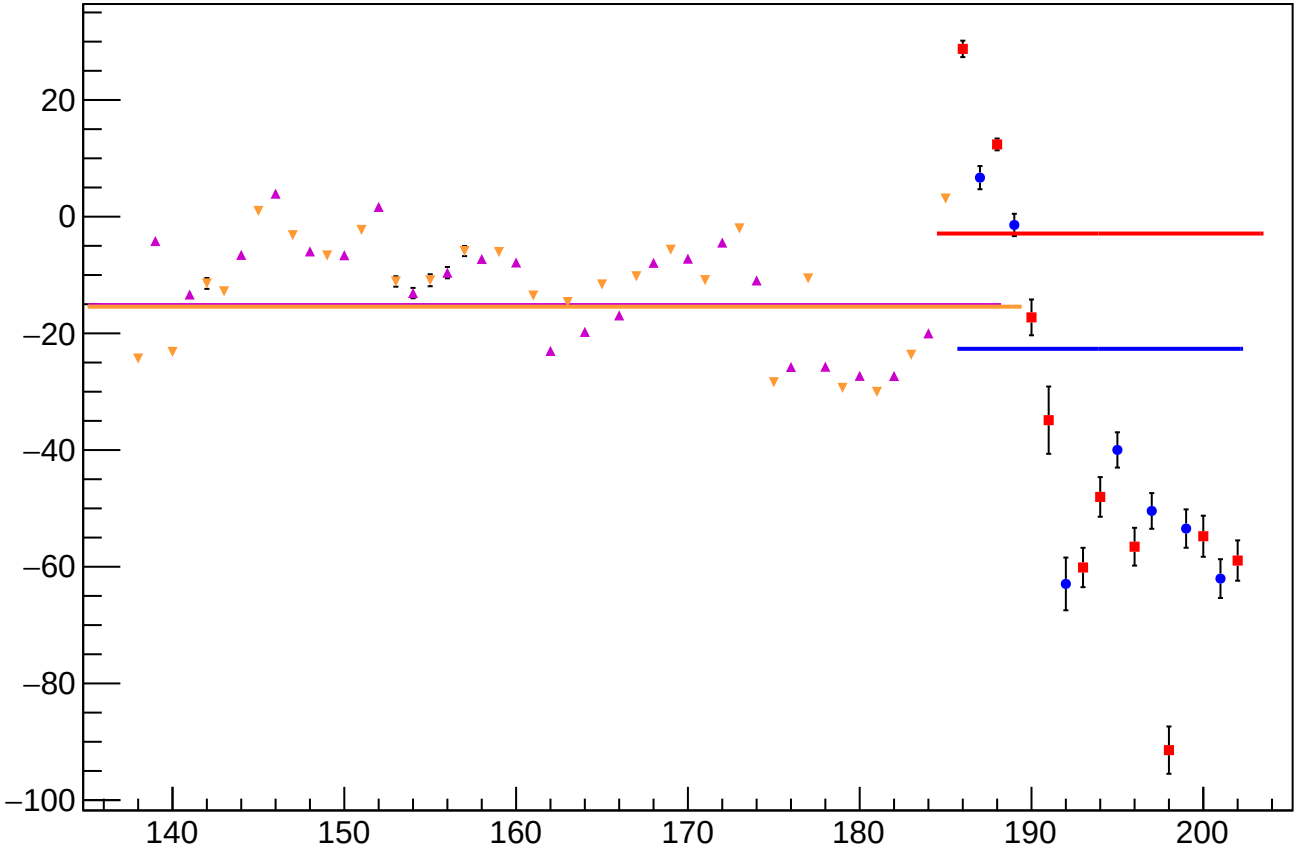
Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

+ sign 0.404+/-0.005 χ^2/NDF: 2357.5/48

All: 0.390+/-0.003 χ^2/NDF: 5580.9/99

- sign 0.376+/-0.005 χ^2/NDF: 3205.7/50

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -22.649+/-1.013 χ^2/NDF: 764.3/6

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: -2.889+/-0.689 χ^2/NDF: 2480.7/9

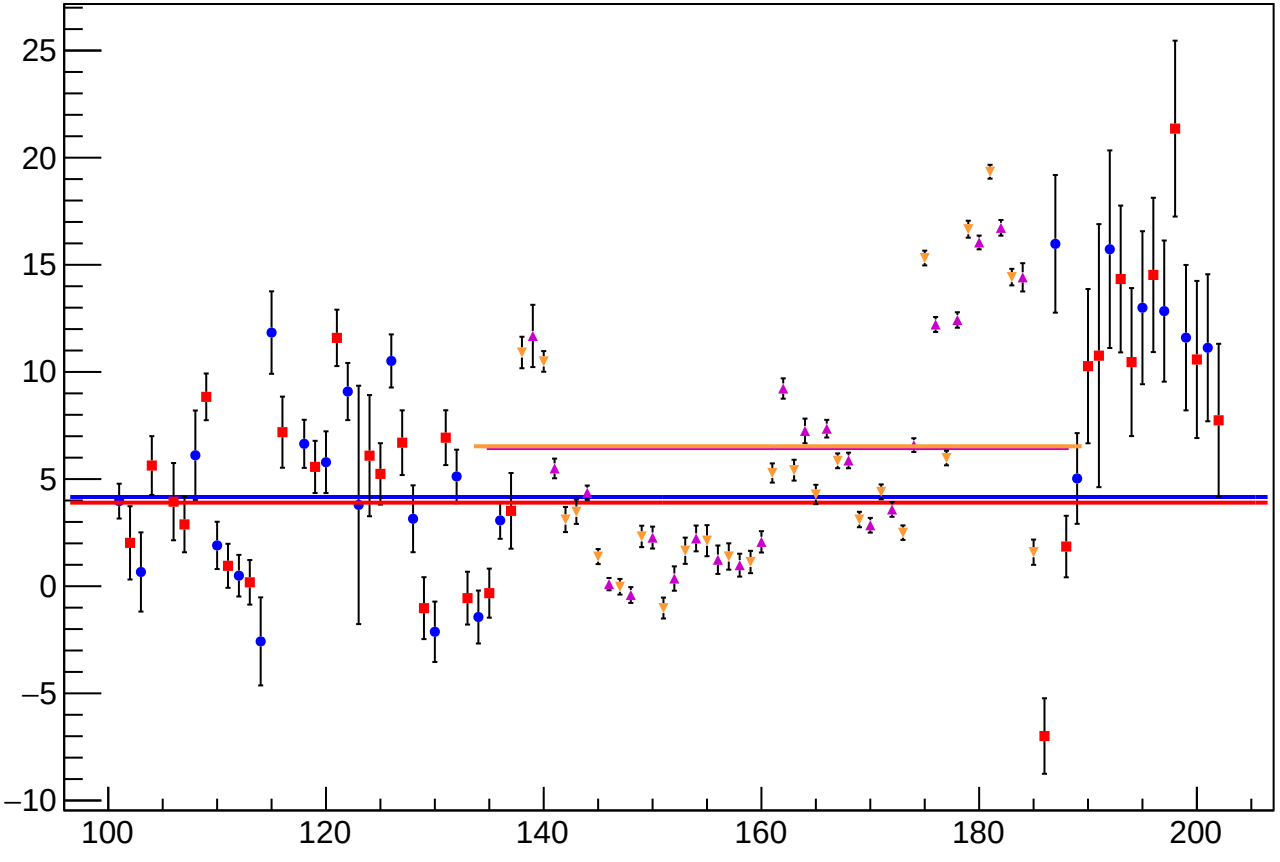
Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

+ sign -15.504+/-0.105 χ^2/NDF: 11314.2/31

All: -15.186+/-0.074 χ^2/NDF: 22867.6/64

- sign -14.866+/-0.105 χ^2/NDF: 11534.8/32

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.164+/-0.299 χ^2/NDF: 180.8/23

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.901+/-0.297 χ^2/NDF: 222.5/27

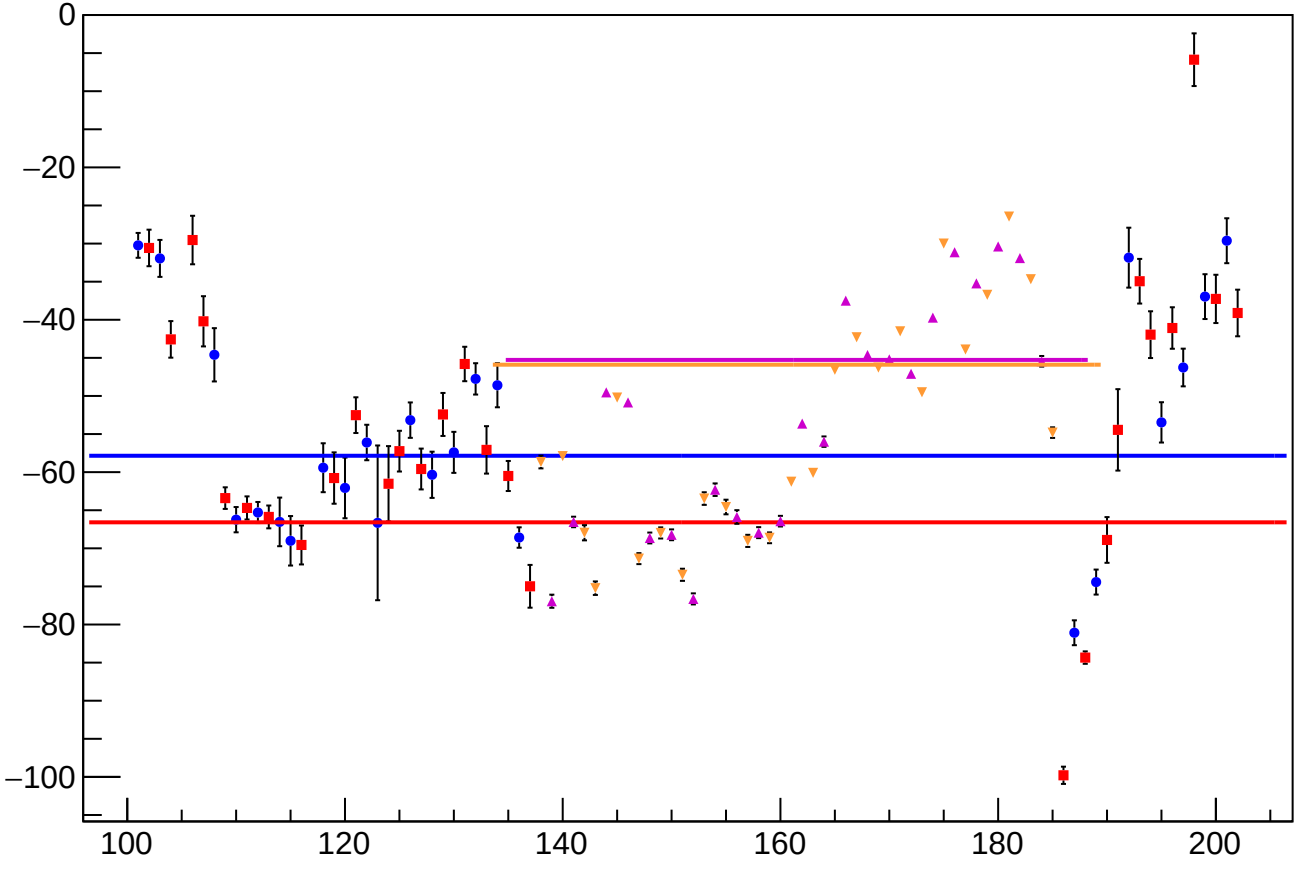
Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

+ sign 6.351+/-0.082 χ^2/NDF: 5208.4/48

All: 6.301+/-0.058 χ^2/NDF: 9455.2/99

- sign 6.251+/-0.082 χ^2/NDF: 4246.1/50

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -57.849+/-0.459 χ^2/NDF: 1109.6/23

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -66.587+/-0.391 χ^2/NDF: 2811.0/27

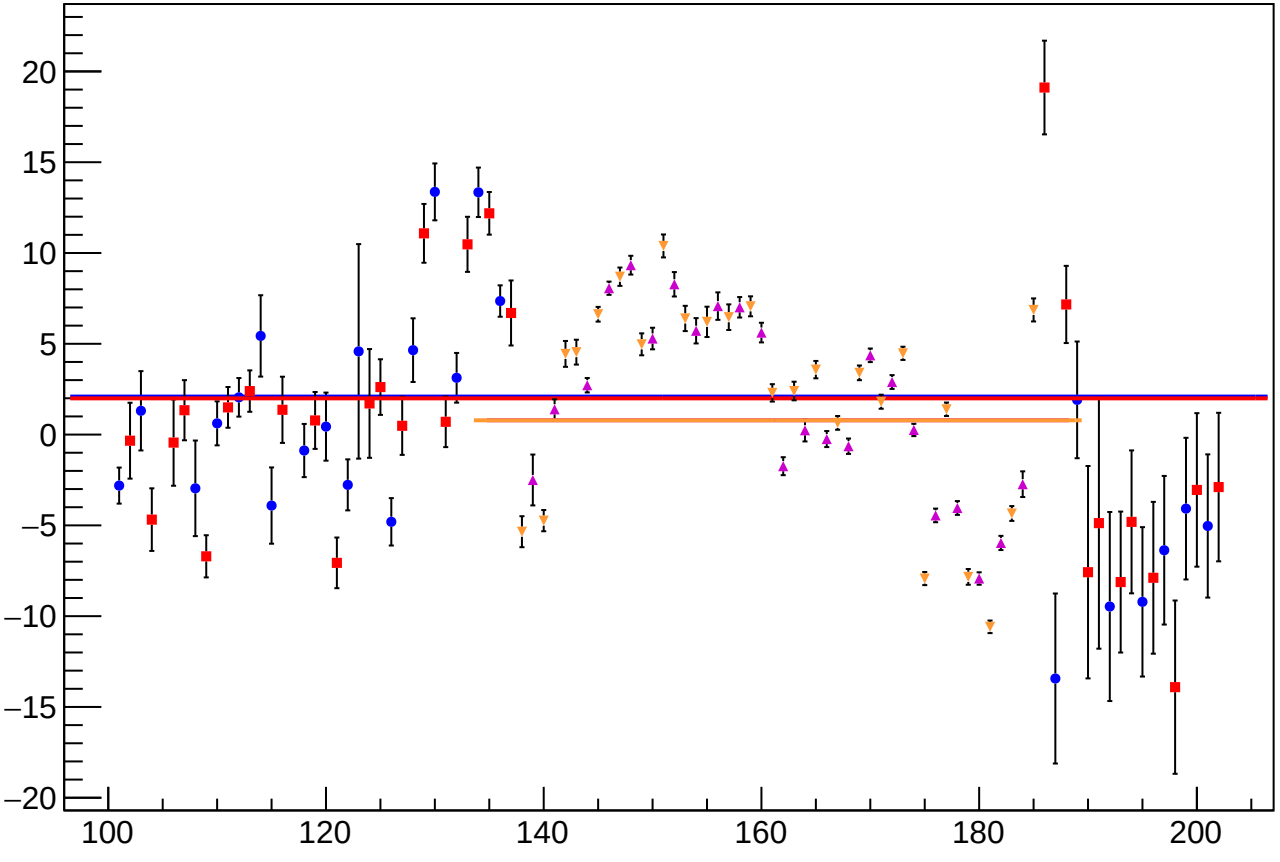
Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

+ sign -46.507+/-0.104 χ^2/NDF: 18887.7/48

All: -46.628+/-0.073 χ^2/NDF: 40243.8/99

- sign -46.747+/-0.103 χ^2/NDF: 21353.4/50

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.092+/-0.337 χ^2/NDF: 278.3/23

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 1.995+/-0.339 χ^2/NDF: 346.6/27

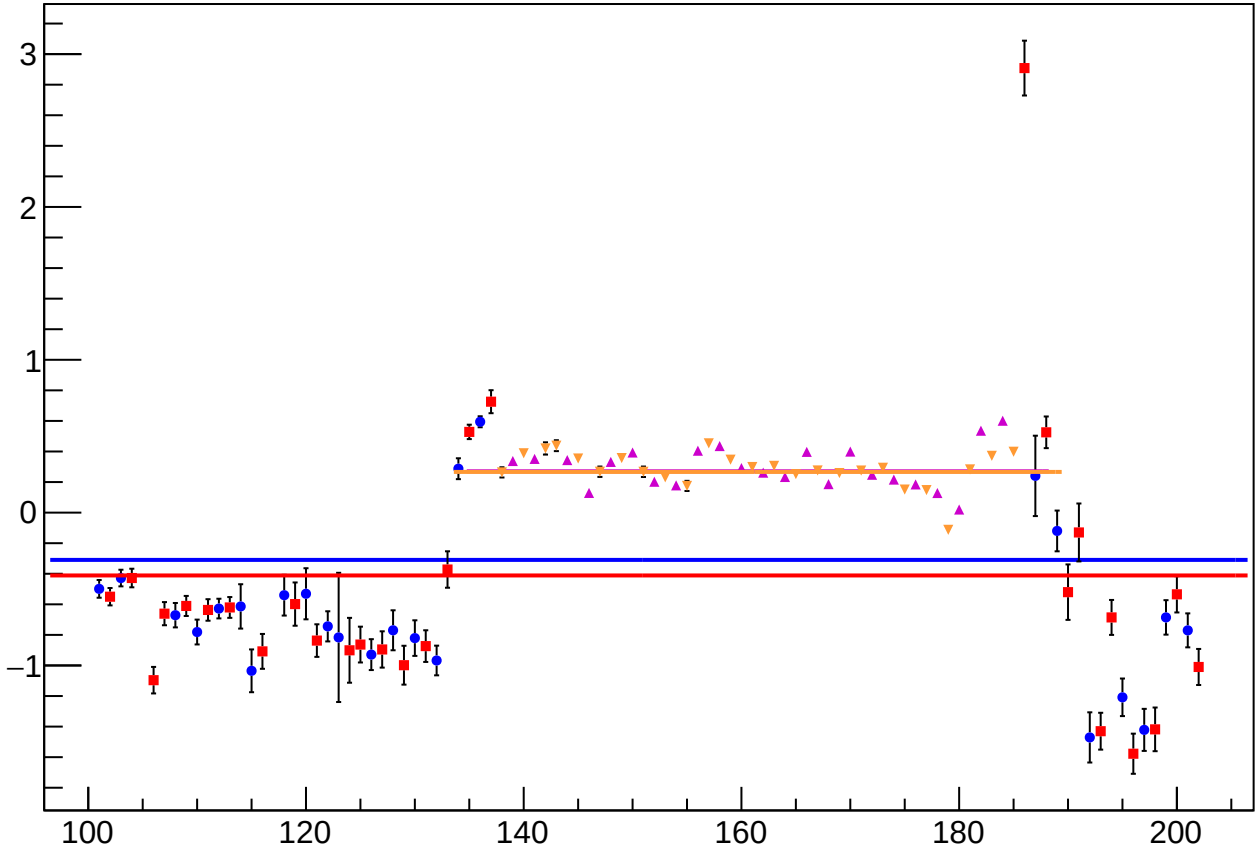
Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

+ sign 0.884+/-0.092 χ^2/NDF: 4038.9/48

All: 0.882+/-0.065 χ^2/NDF: 7094.9/99

- sign 0.881+/-0.093 χ^2/NDF: 3056.0/50

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.309+/-0.018 χ^2/NDF: 1177.7/23

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.411+/-0.017 χ^2/NDF: 1508.3/27

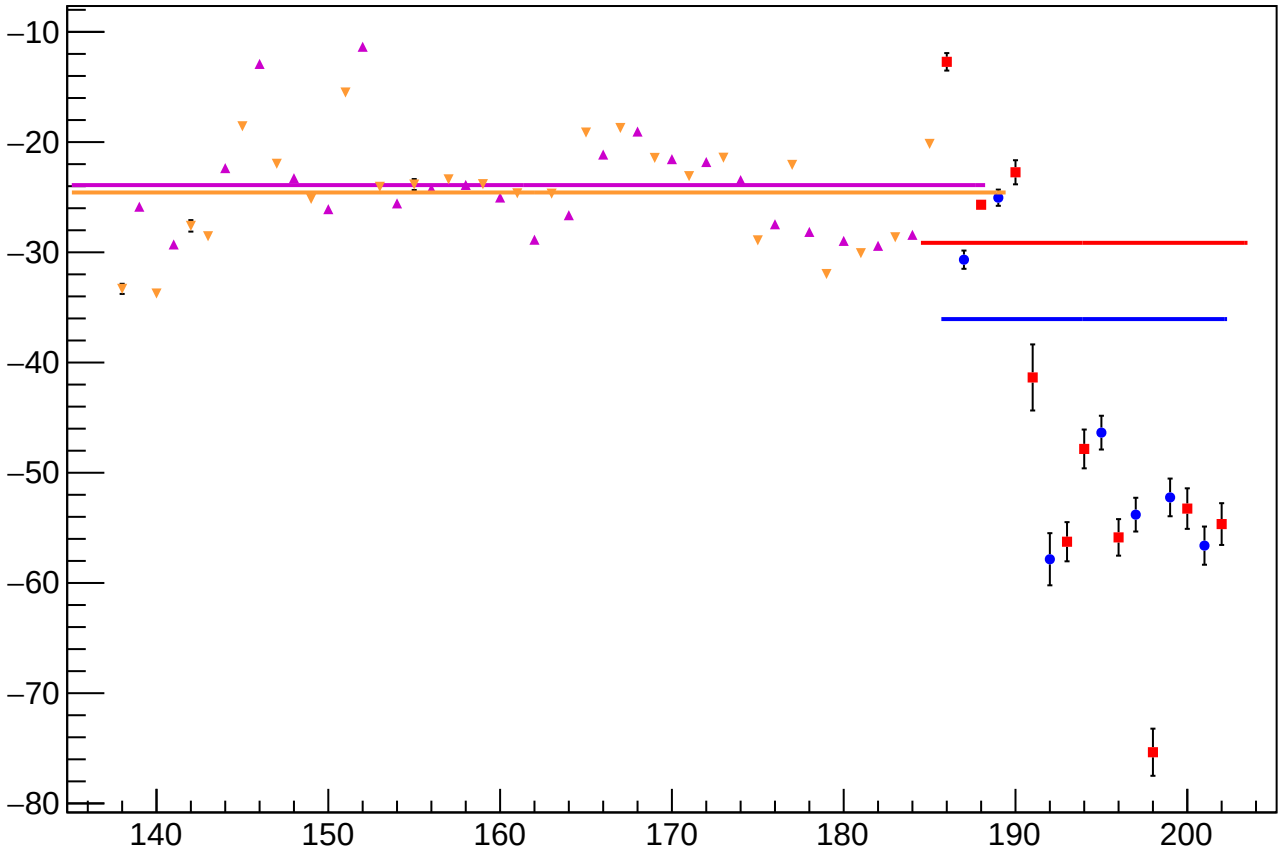
Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

+ sign 0.233+/-0.004 χ^2/NDF: 2873.5/48

All: 0.231+/-0.003 χ^2/NDF: 6815.3/99

- sign 0.229+/-0.004 χ^2/NDF: 3941.3/50

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -36.058+/-0.447 χ^2/NDF: 761.3/6

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -29.140+/-0.321 χ^2/NDF: 1969.1/9

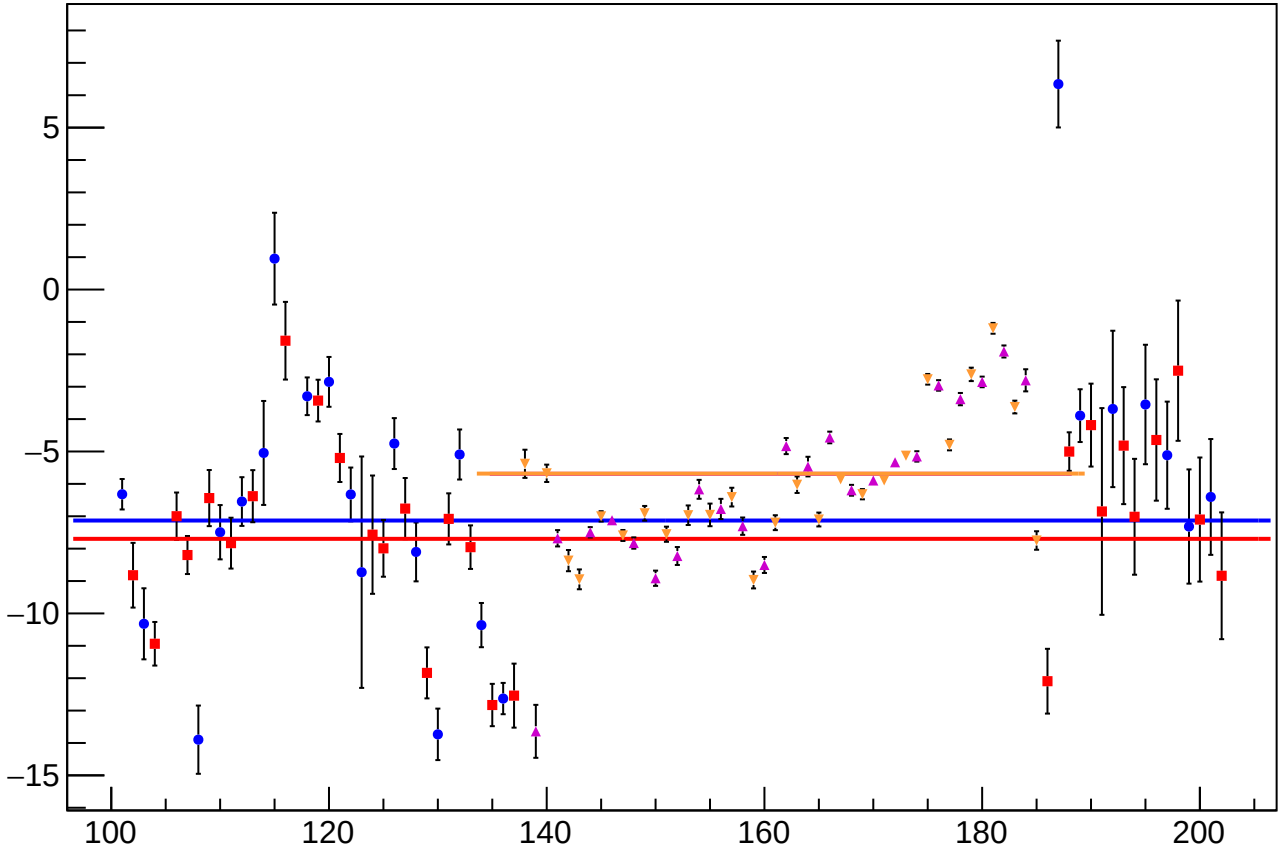
Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

+ sign -24.719+/-0.051 χ^2/NDF: 10024.6/31

All: -24.372+/-0.036 χ^2/NDF: 21505.8/64

- sign -24.030+/-0.050 χ^2/NDF: 11388.1/32

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.132+/-0.175 χ^2/NDF: 525.7/23

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.697+/-0.169 χ^2/NDF: 286.2/27

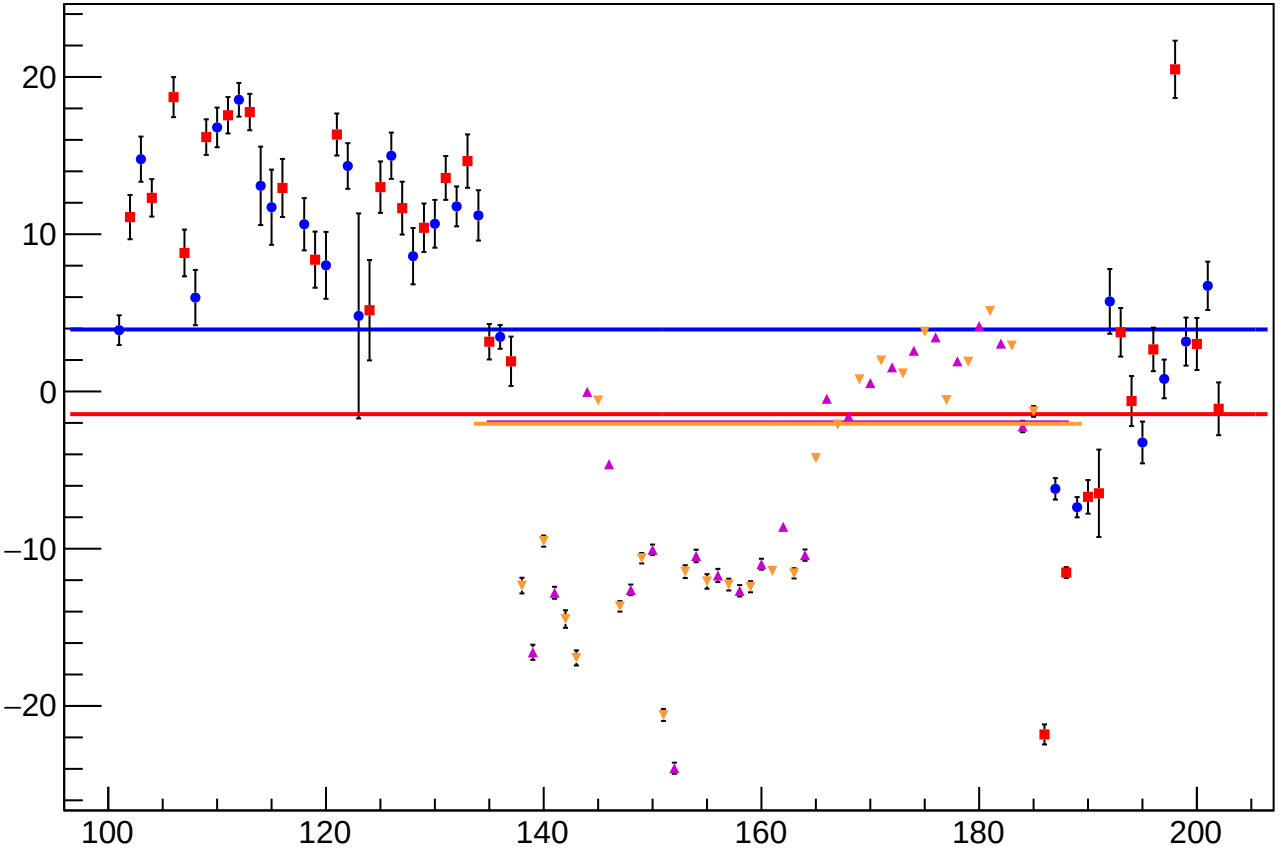
Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

+ sign -5.758+/-0.040 χ^2/NDF: 2821.4/48

All: -5.779+/-0.028 χ^2/NDF: 5570.1/99

- sign -5.800+/-0.039 χ^2/NDF: 2748.1/50

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 3.942+/-0.252 χ^2/NDF: 1155.3/23

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.443+/-0.208 χ^2/NDF: 4063.5/27

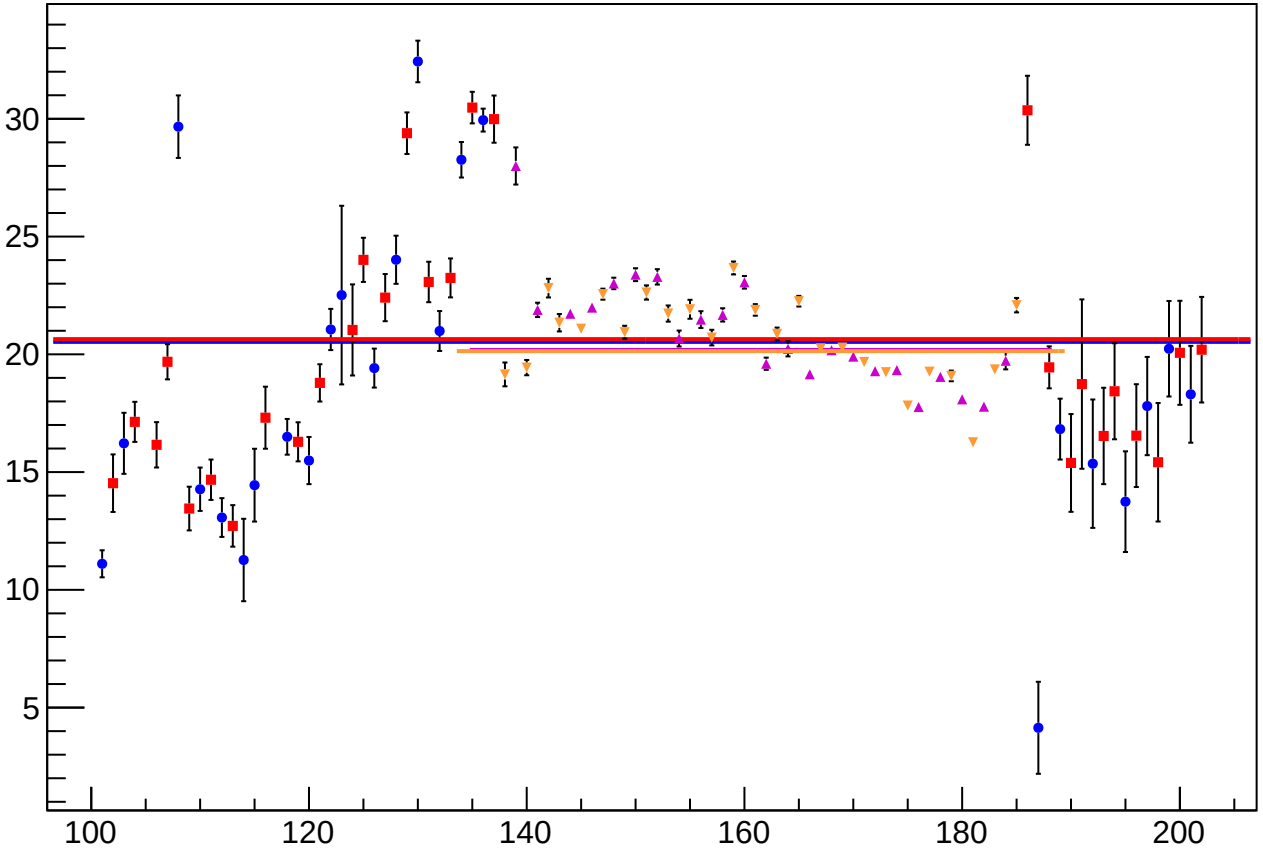
Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

+ sign -1.816+/-0.050 χ^2/NDF: 17740.2/48

All: -1.876+/-0.035 χ^2/NDF: 37305.3/99

- sign -1.933+/-0.050 χ^2/NDF: 19562.3/50

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.530+/-0.201 χ^2/NDF: 1325.0/23

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.645+/-0.199 χ^2/NDF: 794.1/27

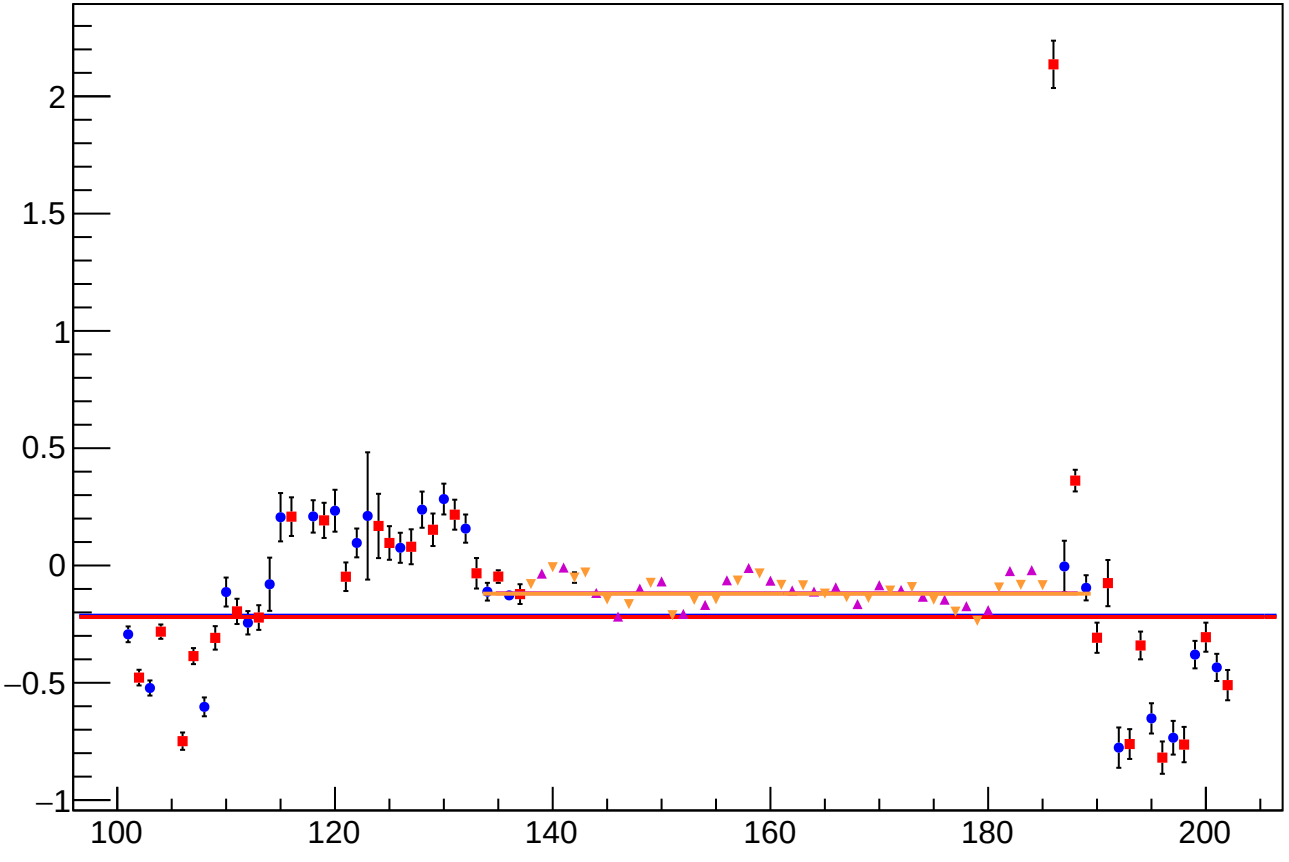
Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

+ sign 20.155+/-0.045 χ^2/NDF: 2742.8/48

All: 20.182+/-0.032 χ^2/NDF: 5013.4/99

- sign 20.207+/-0.045 χ^2/NDF: 2269.9/50

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.214+/-0.010 χ^2/NDF: 650.7/23

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.220+/-0.010 χ^2/NDF: 1468.8/27

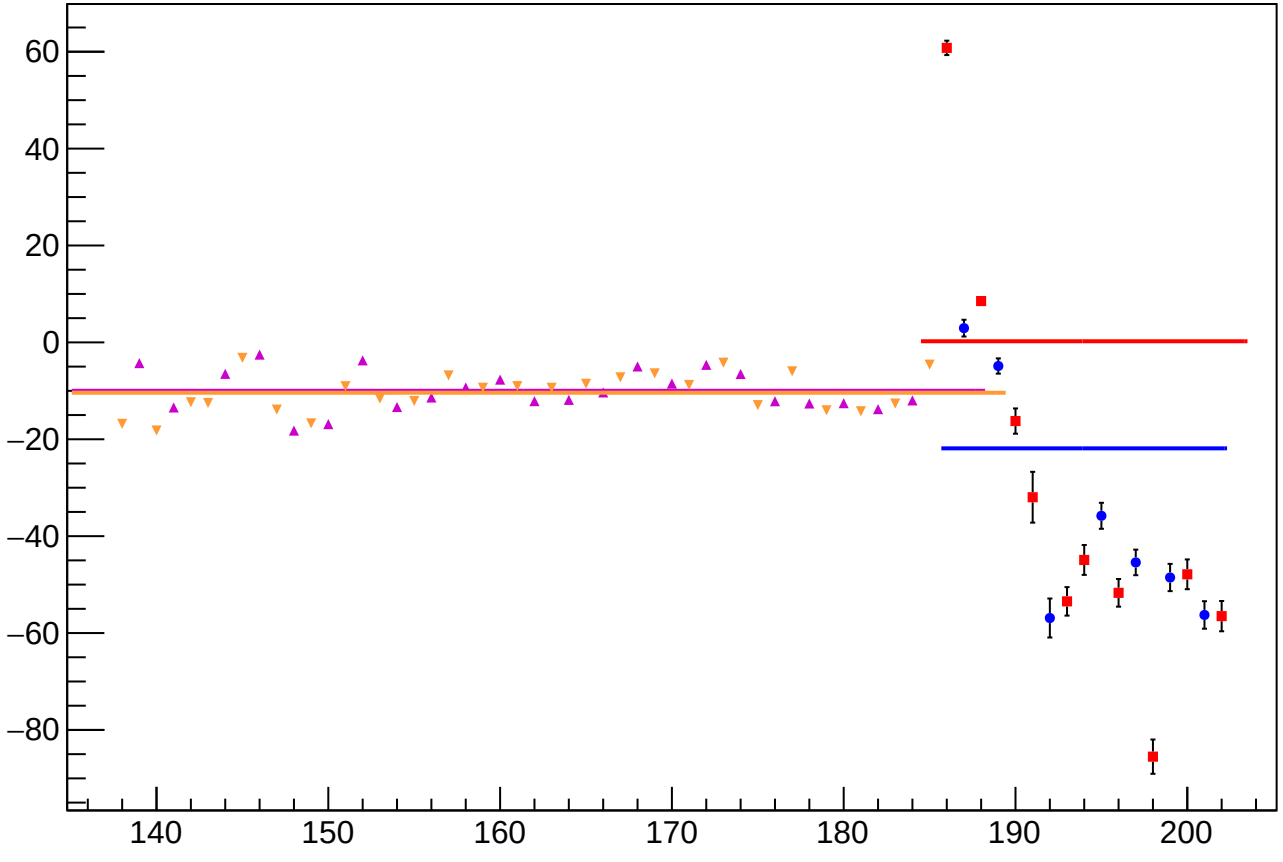
Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

+ sign -0.124+/-0.002 χ^2/NDF: 1264.1/48

All: -0.123+/-0.001 χ^2/NDF: 3564.6/99

- sign -0.123+/-0.002 χ^2/NDF: 2300.4/50

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -21.875+/-0.867 χ^2/NDF: 740.5/6

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 0.231+/-0.618 χ^2/NDF: 3869.9/9

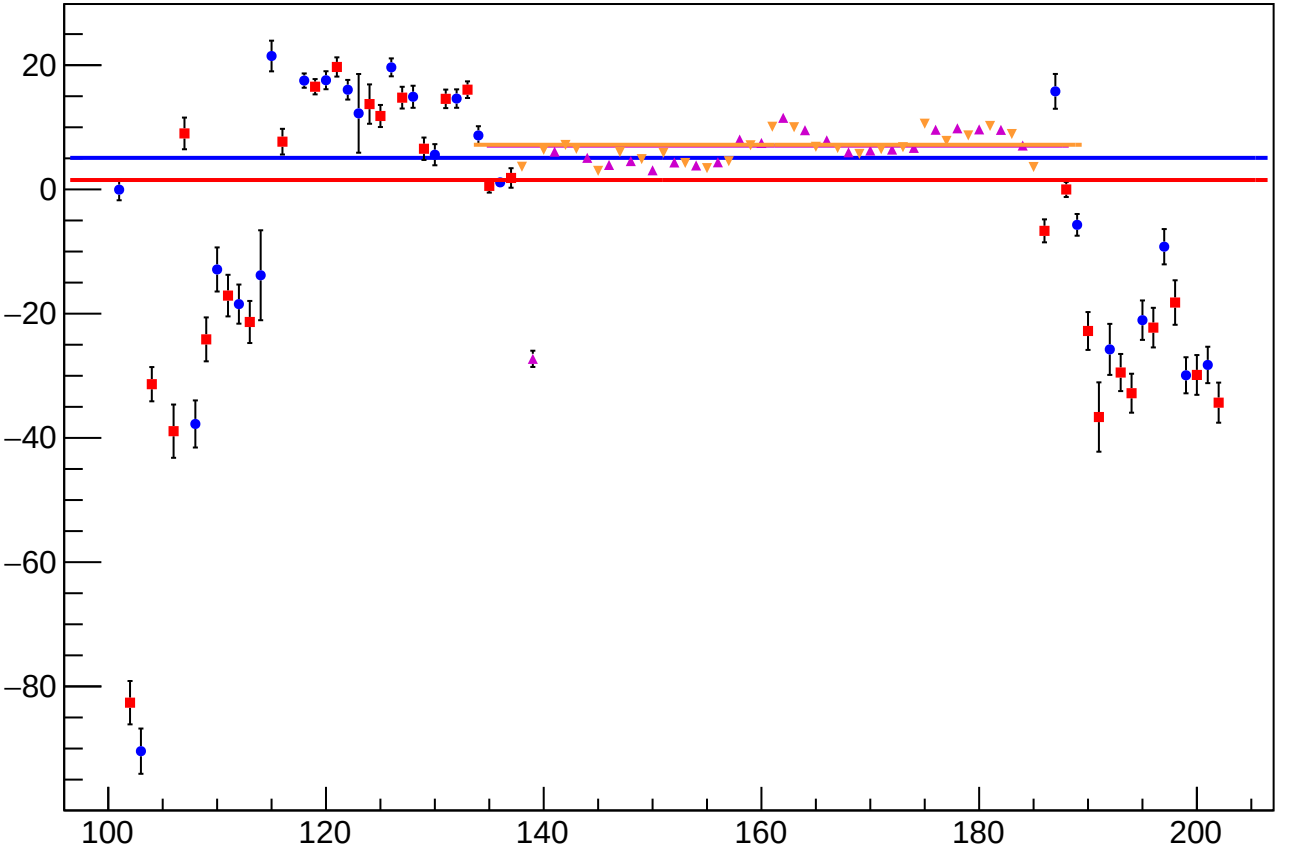
Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

+ sign -10.509+/-0.087 χ^2/NDF: 3026.7/31

All: -10.148+/-0.062 χ^2/NDF: 8993.4/64

- sign -9.781+/-0.088 χ^2/NDF: 5932.4/32

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 5.078+/-0.374 χ^2/NDF: 1879.0/23

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 1.513+/-0.378 χ^2/NDF: 2218.6/27

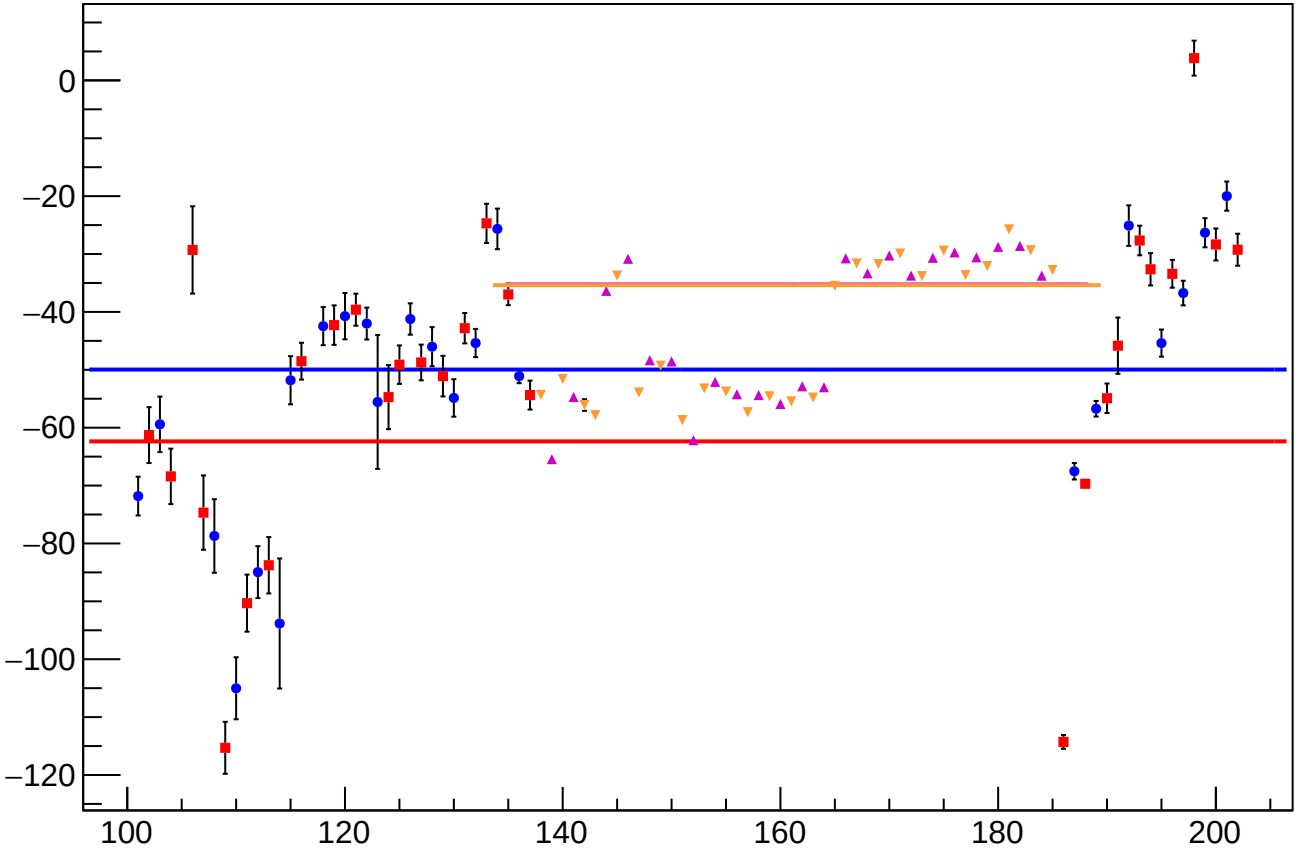
Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

+ sign 7.109+/-0.072 χ^2/NDF: 2825.8/48

All: 6.975+/-0.051 χ^2/NDF: 6861.8/99

- sign 6.839+/-0.073 χ^2/NDF: 4029.1/50

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -49.958+/-0.521 χ^2/NDF: 834.6/23

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -62.365+/-0.431 χ^2/NDF: 4020.6/27

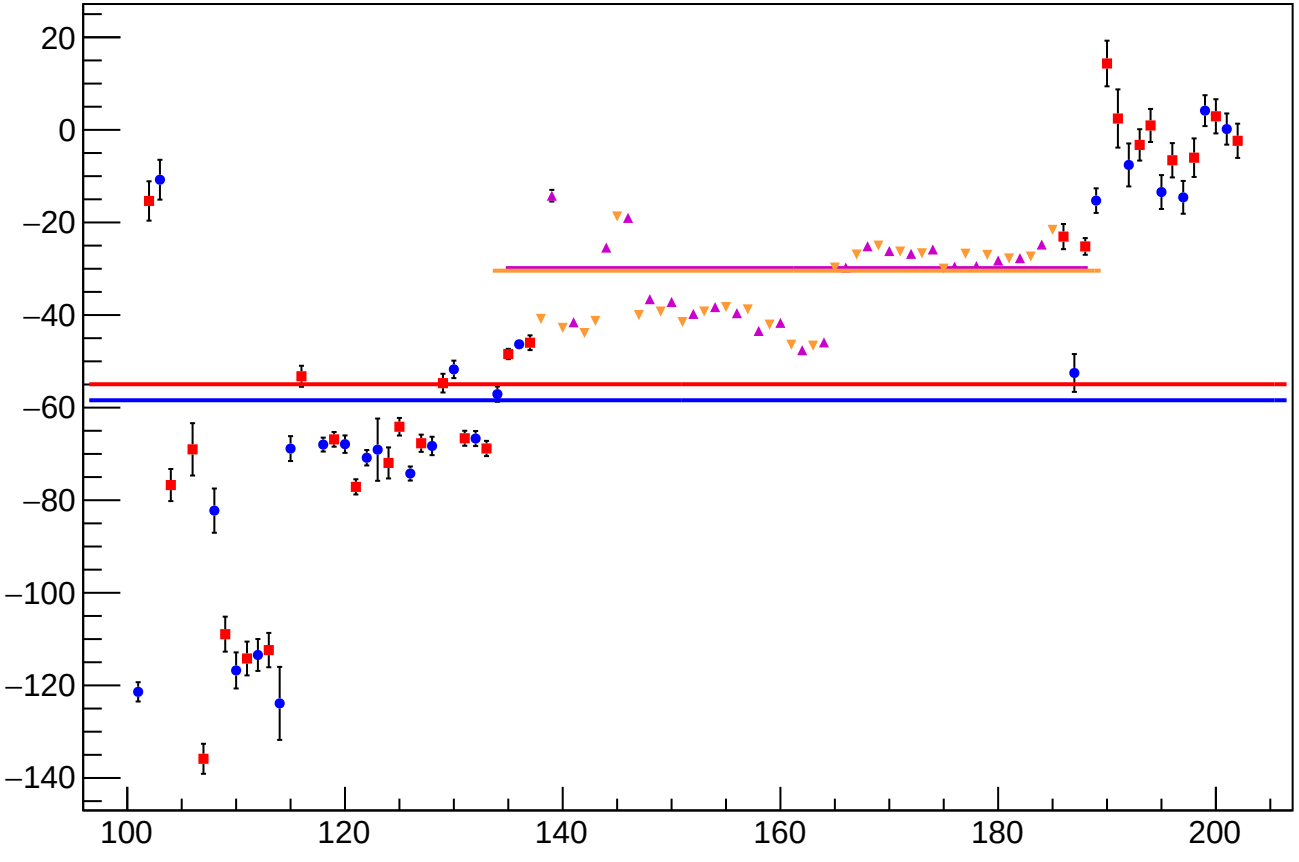
Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

+ sign -35.791+/-0.088 χ^2/NDF: 14223.2/48

All: -36.089+/-0.062 χ^2/NDF: 33827.6/99

- sign -36.387+/-0.088 χ^2/NDF: 19581.4/50

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -58.409+/-0.422 χ^2/NDF: 3497.3/23

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -54.947+/-0.437 χ^2/NDF: 3910.4/27

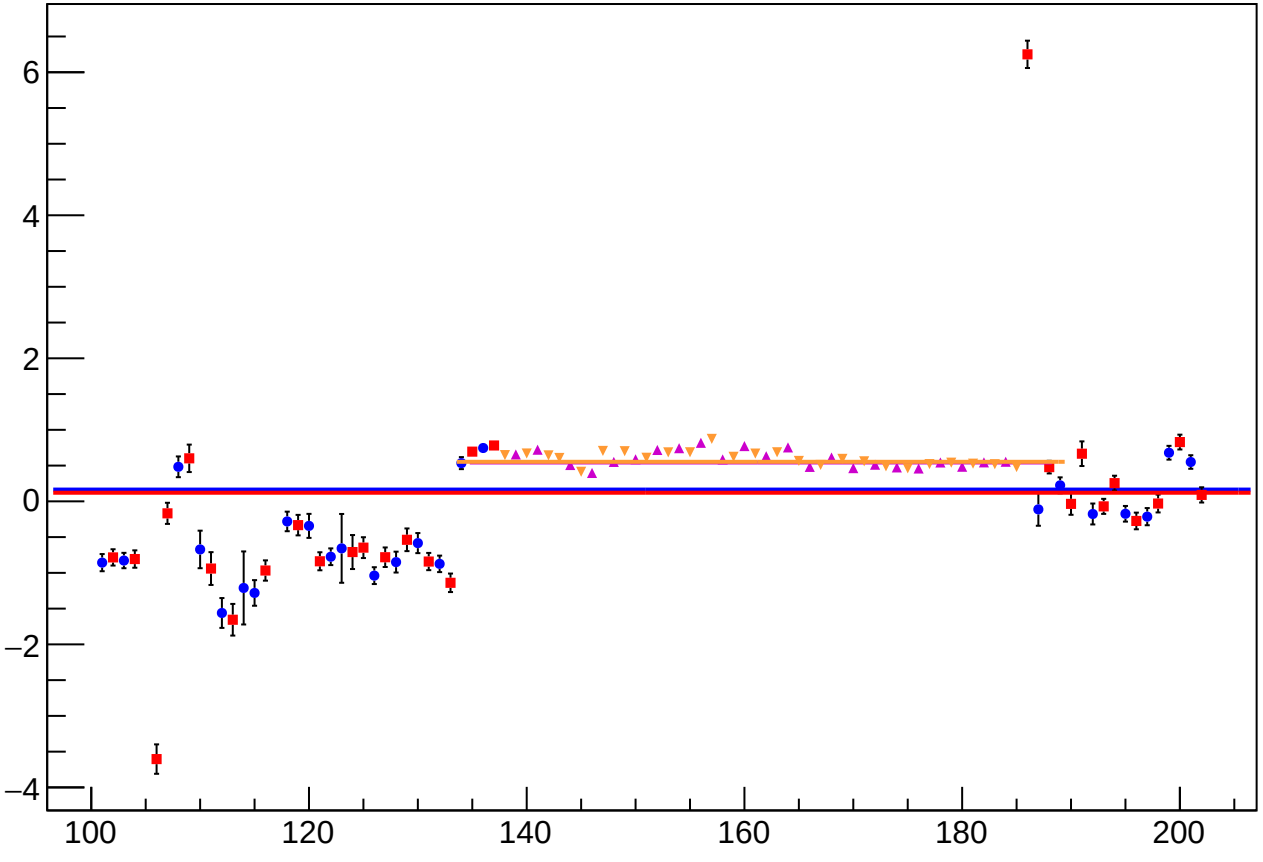
Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

+ sign -31.426+/-0.080 χ^2/NDF: 15876.0/48

All: -31.077+/-0.057 χ^2/NDF: 30157.0/99

- sign -30.723+/-0.081 χ^2/NDF: 14242.8/50

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.165+/-0.021 χ^2/NDF: 1062.1/23

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.120+/-0.021 χ^2/NDF: 2313.6/27

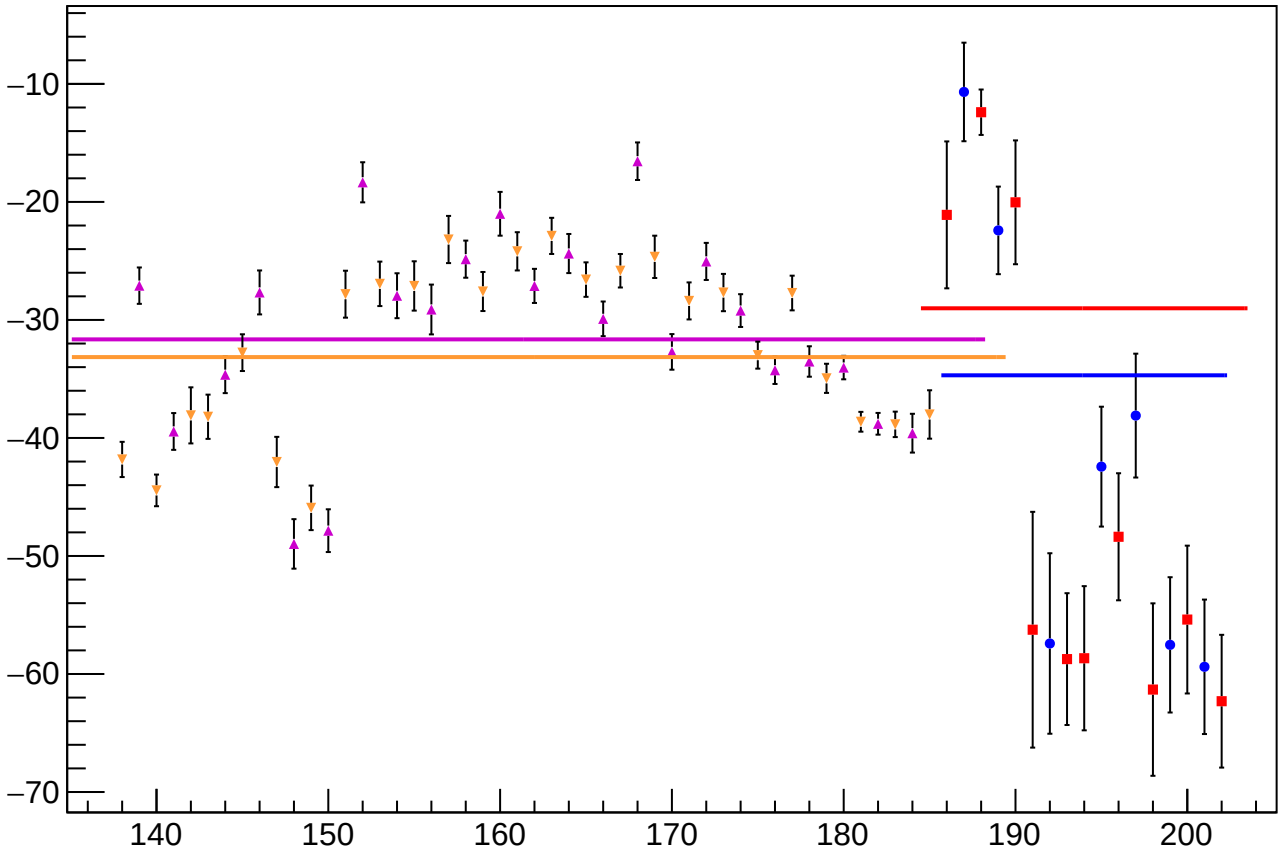
Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

+ sign 0.541+/-0.004 χ^2/NDF: 1935.1/48

All: 0.536+/-0.003 χ^2/NDF: 5291.8/99

- sign 0.531+/-0.004 χ^2/NDF: 3352.8/50

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -34.692+/-1.878 χ^2/NDF: 90.3/6

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -29.013+/-1.398 χ^2/NDF: 223.7/9

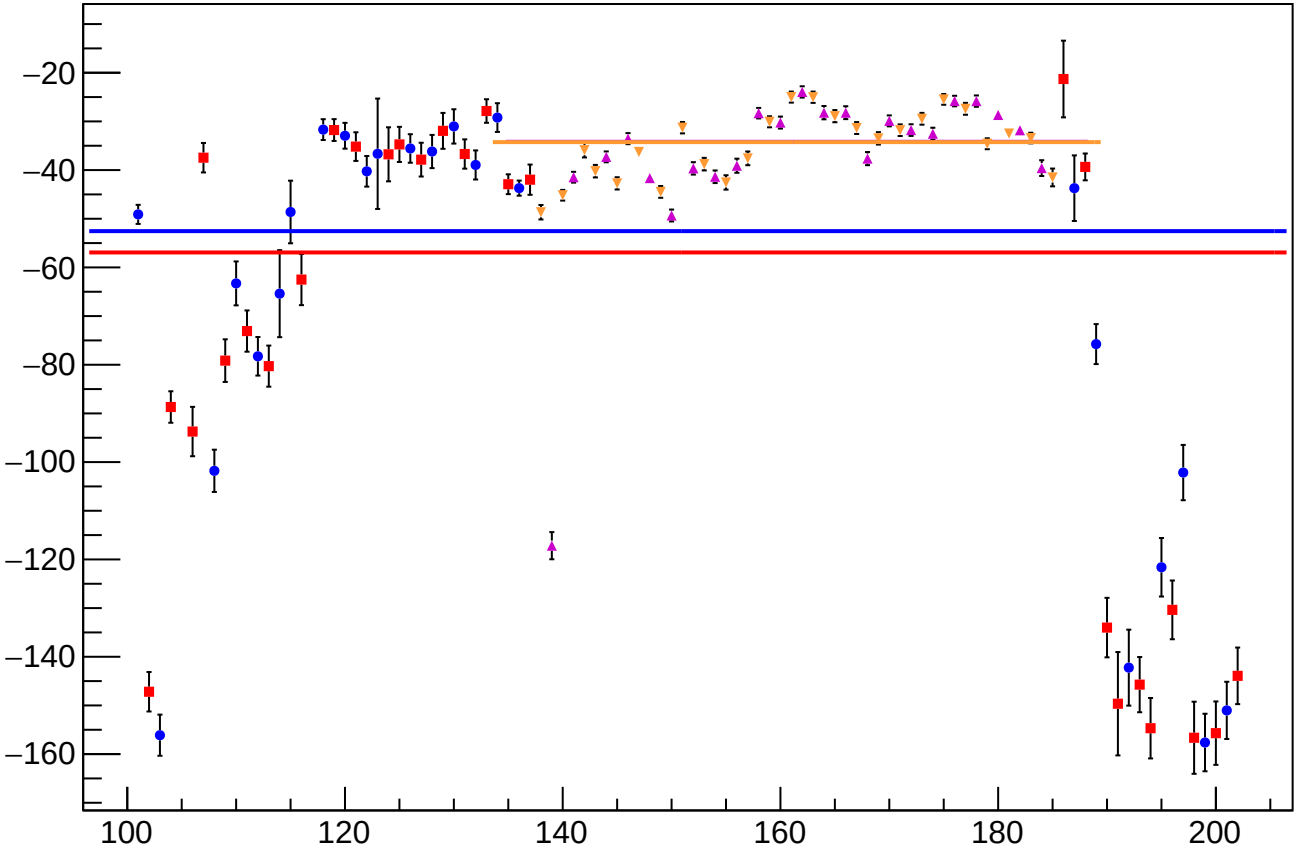
Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

+ sign -33.187+/-0.297 χ^2/NDF: 590.9/31

All: -32.366+/-0.211 χ^2/NDF: 1380.3/64

- sign -31.526+/-0.300 χ^2/NDF: 774.0/32

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -52.545+/-0.685 χ^2/NDF: 2129.0/23

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -56.927+/-0.698 χ^2/NDF: 2897.5/27

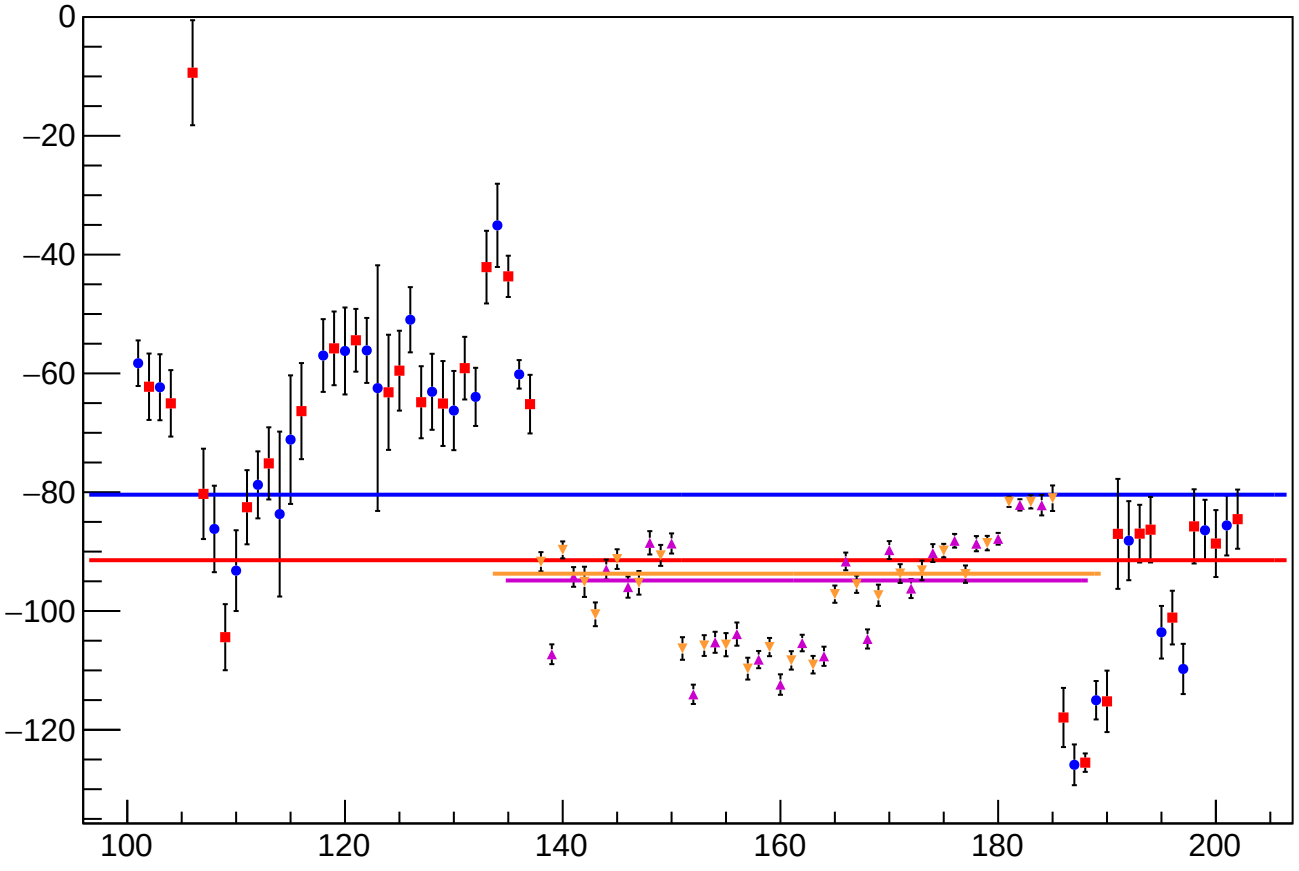
Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

+ sign -36.284+/-0.228 χ^2/NDF: 3455.2/48

All: -36.522+/-0.164 χ^2/NDF: 8840.4/99

- sign -36.775+/-0.236 χ^2/NDF: 5383.0/50

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -80.419+/-1.016 χ^2/NDF: 629.0/23

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -91.450+/-0.895 χ^2/NDF: 1170.0/27

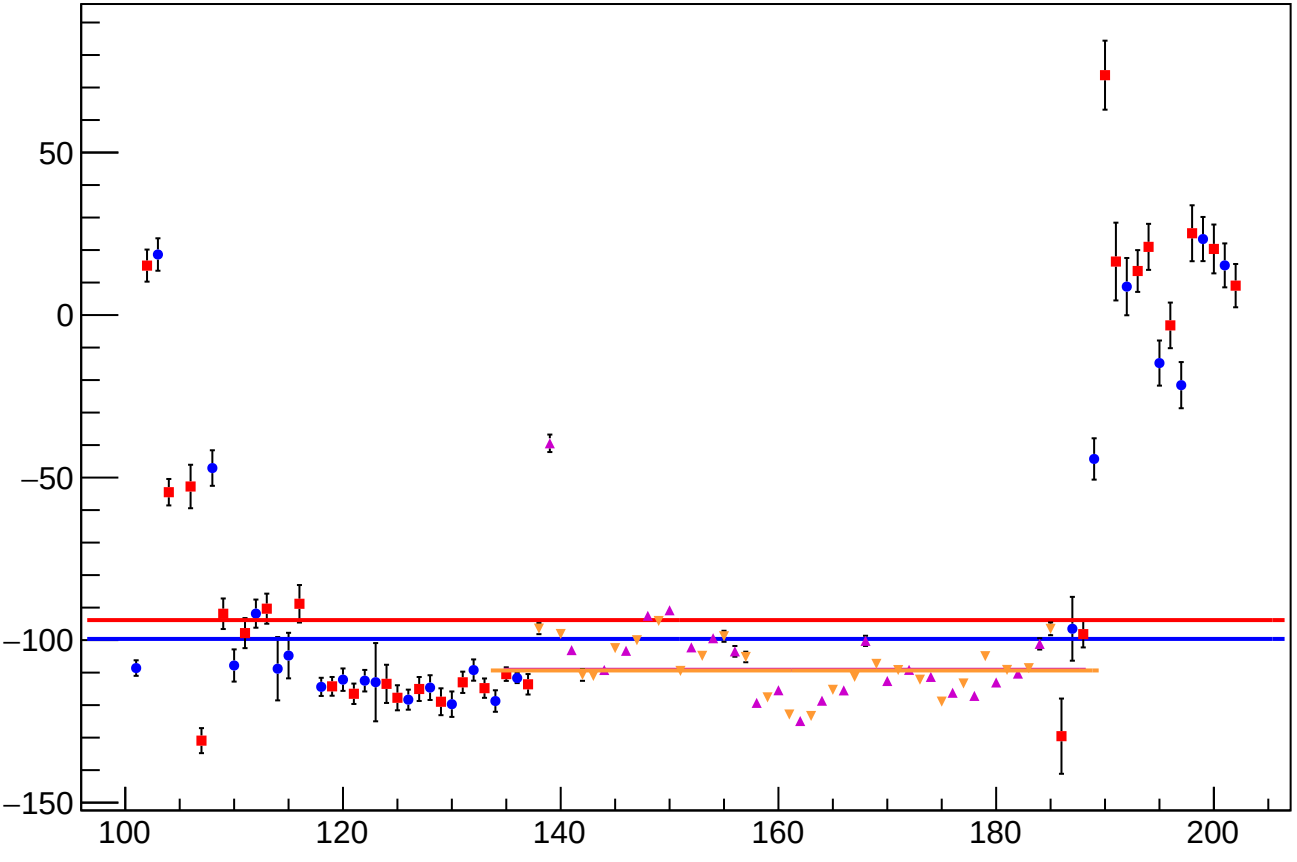
Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

+ sign -92.637+/-0.290 χ^2/NDF: 1664.7/48

All: -93.566+/-0.205 χ^2/NDF: 3853.8/99

- sign -94.501+/-0.291 χ^2/NDF: 2168.5/50

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -99.637+/-0.778 χ^2/NDF: 2026.7/23

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -93.841+/-0.804 χ^2/NDF: 2837.8/27

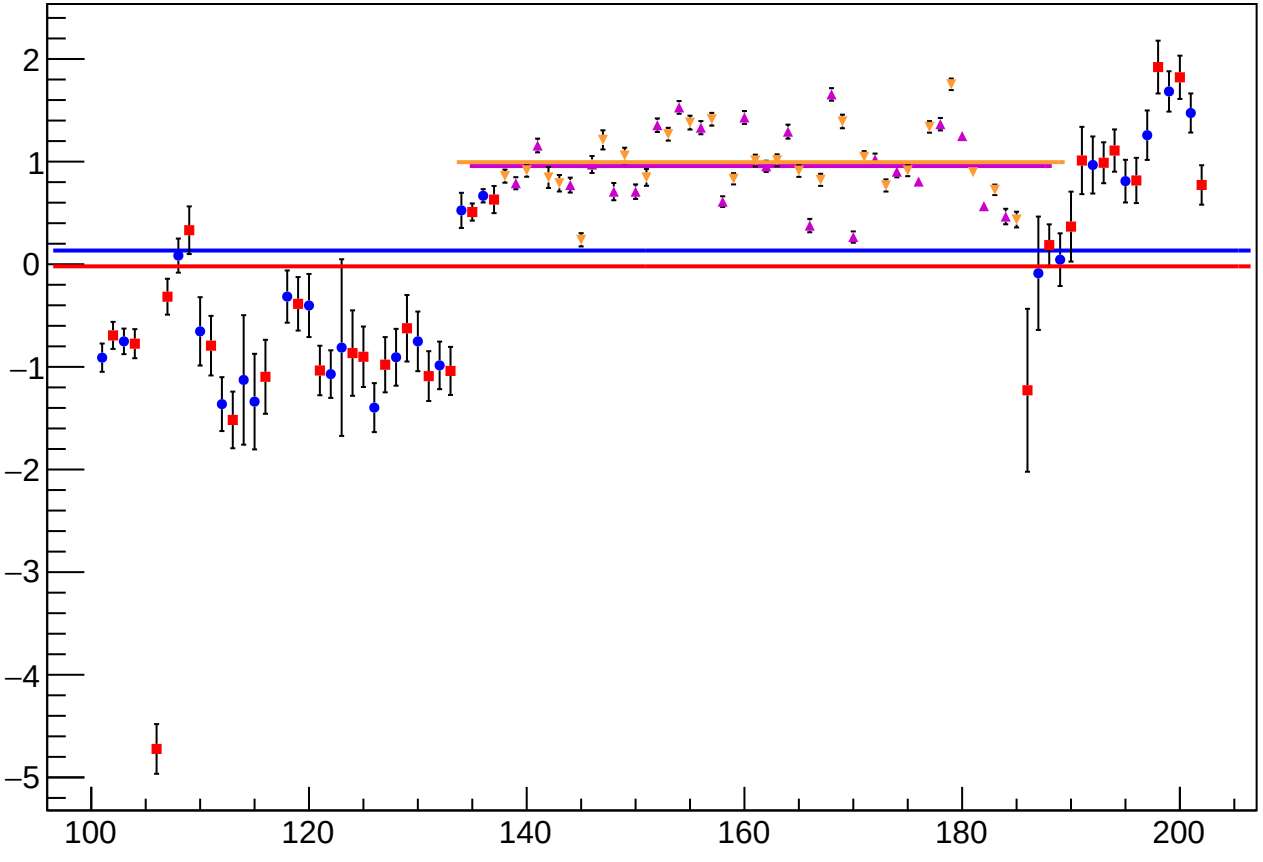
Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

+ sign -108.283+/-0.257 χ^2/NDF: 2991.4/48

All: -107.893+/-0.184 χ^2/NDF: 7735.3/99

- sign -107.482+/-0.264 χ^2/NDF: 4739.2/50

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.134+/-0.038 χ^2/NDF: 508.4/23

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.020+/-0.038 χ^2/NDF: 868.3/27

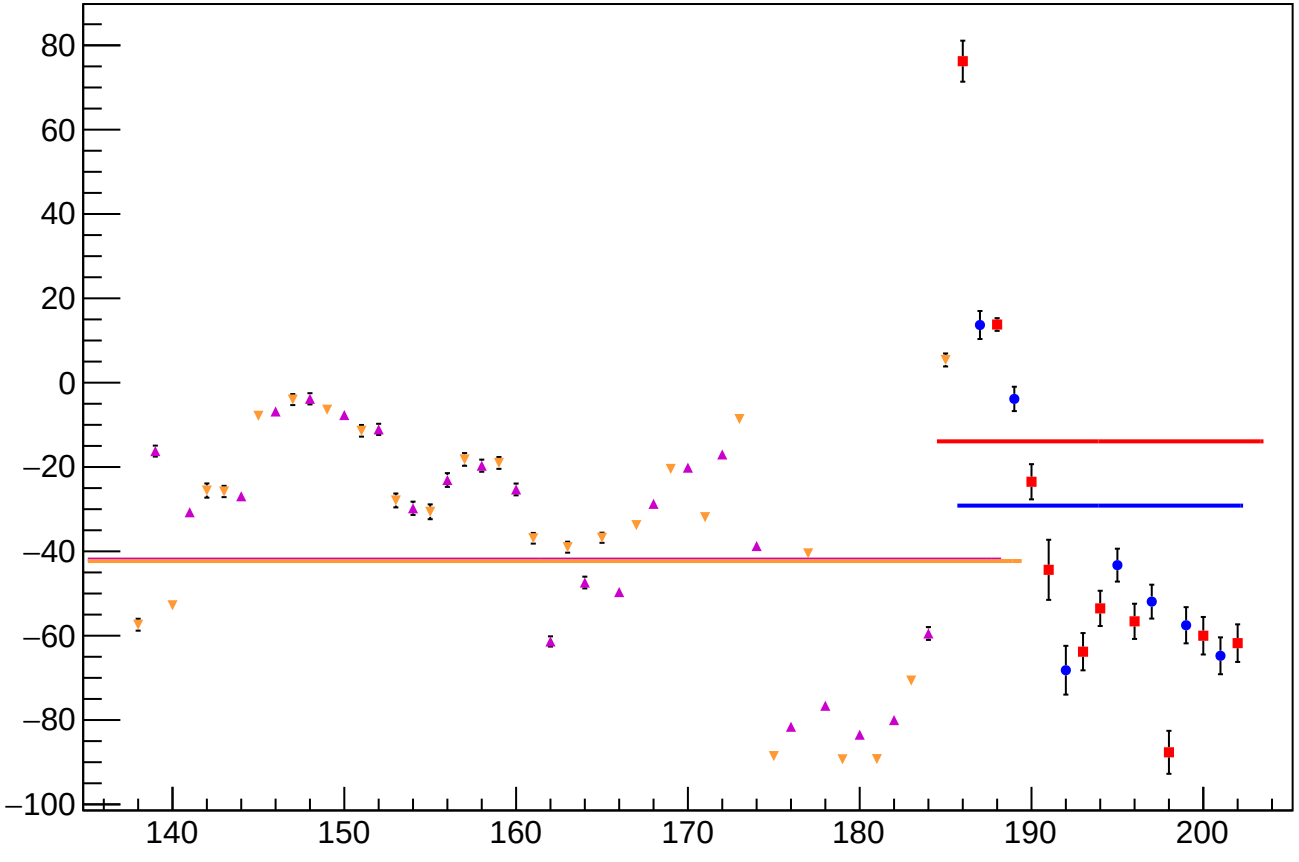
Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

+ sign 0.912+/-0.012 χ^2/NDF: 1604.5/48

All: 0.886+/-0.008 χ^2/NDF: 3975.9/99

- sign 0.860+/-0.012 χ^2/NDF: 2361.9/50

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -29.155+/-1.452 χ^2/NDF: 443.6/6

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: -13.912+/-1.076 χ^2/NDF: 1457.8/9

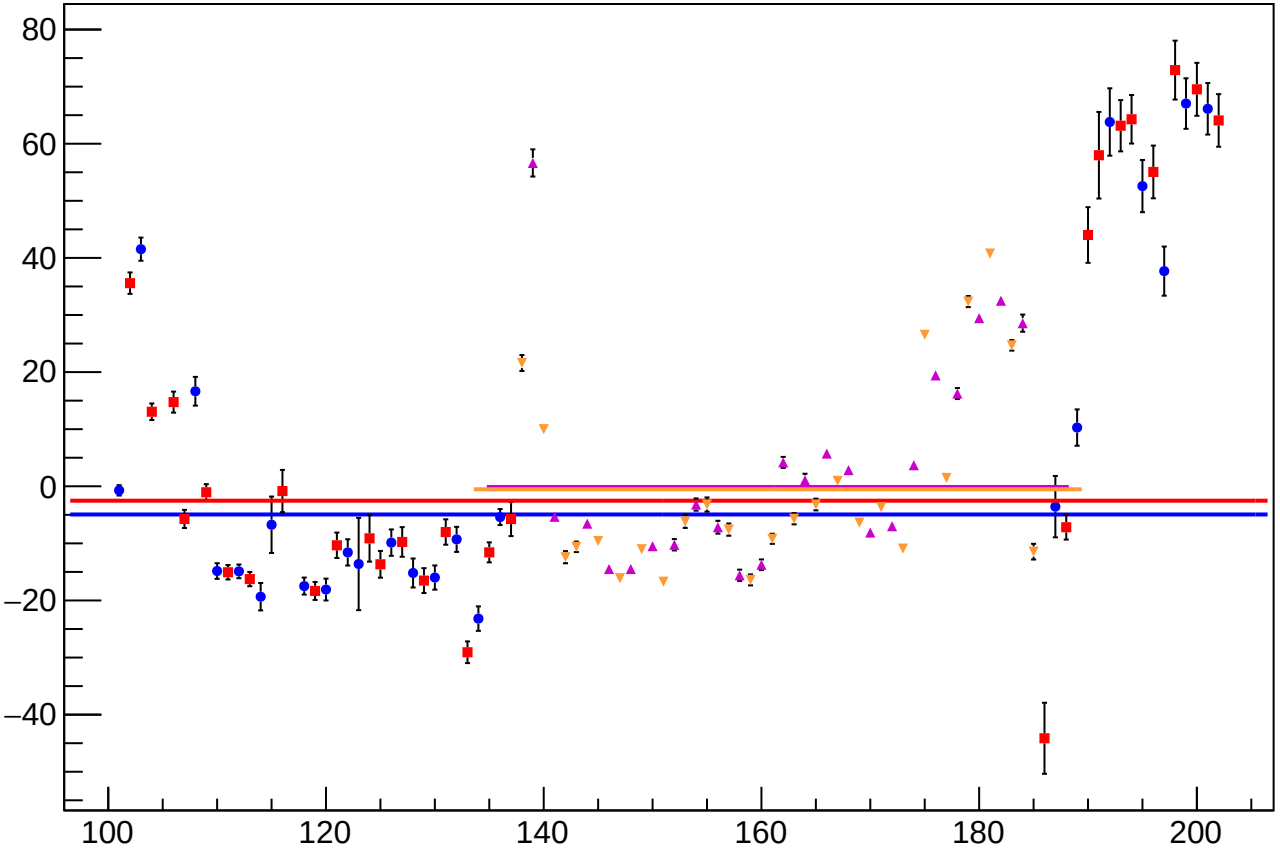
Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

+ sign -41.994+/-0.220 χ^2/NDF: 18791.2/31

All: -41.385+/-0.156 χ^2/NDF: 35638.8/64

- sign -40.770+/-0.221 χ^2/NDF: 16832.2/32

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -4.938+/-0.414 χ^2/NDF: 1955.4/23

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -2.525+/-0.409 χ^2/NDF: 2740.0/27

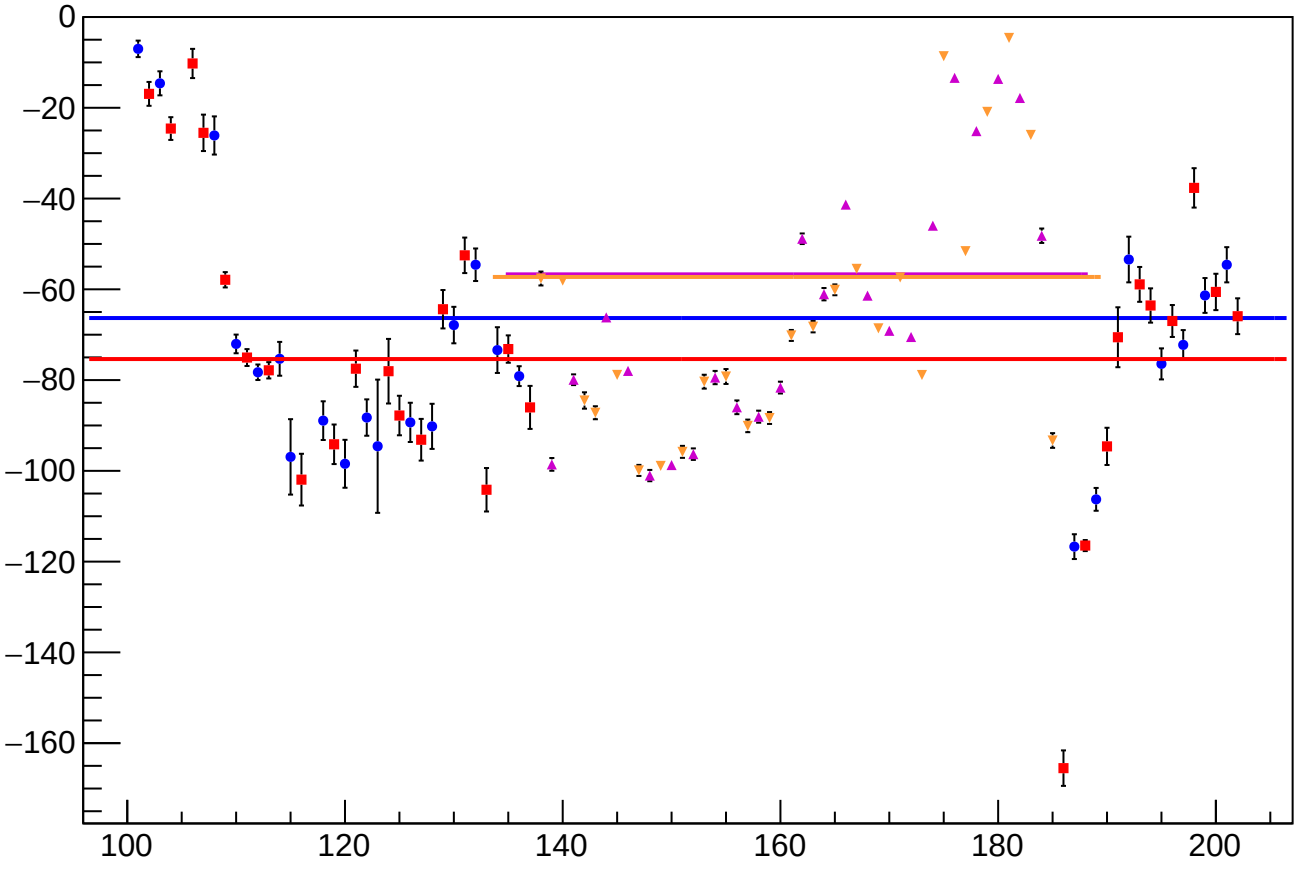
Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

+ sign -1.195+/-0.161 χ^2/NDF: 10759.7/48

All: -0.858+/-0.115 χ^2/NDF: 20462.6/99

- sign -0.510+/-0.164 χ^2/NDF: 9694.0/50

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -66.328+/-0.638 χ^2/NDF: 2433.8/23

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -75.366+/-0.558 χ^2/NDF: 3544.3/27

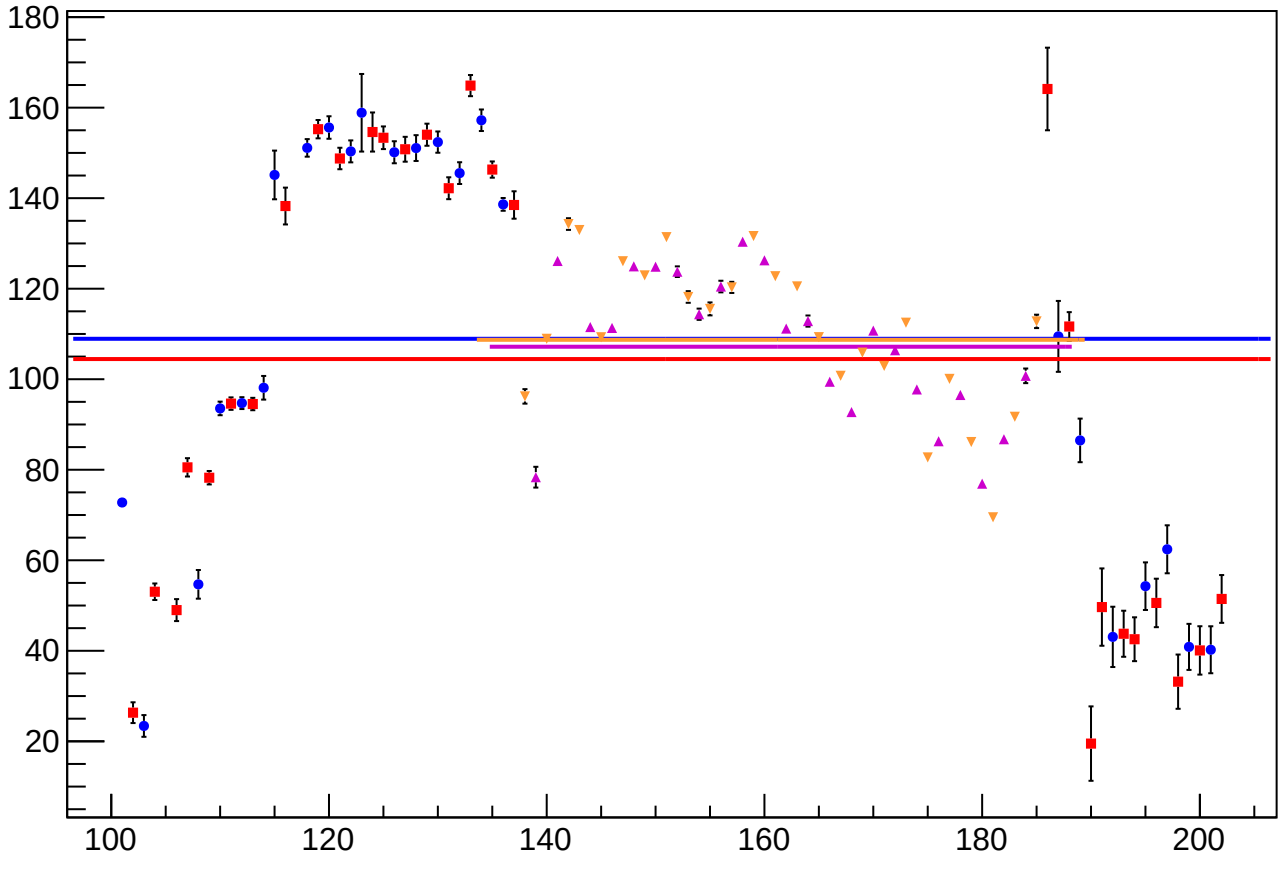
Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

+ sign -58.265+/-0.211 χ^2/NDF: 21124.0/48

All: -58.806+/-0.149 χ^2/NDF: 42190.7/99

- sign -59.339+/-0.209 χ^2/NDF: 21053.7/50

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 108.933+/-0.474 χ^2/NDF: 6648.4/23

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 104.456+/-0.469 χ^2/NDF: 7862.8/27

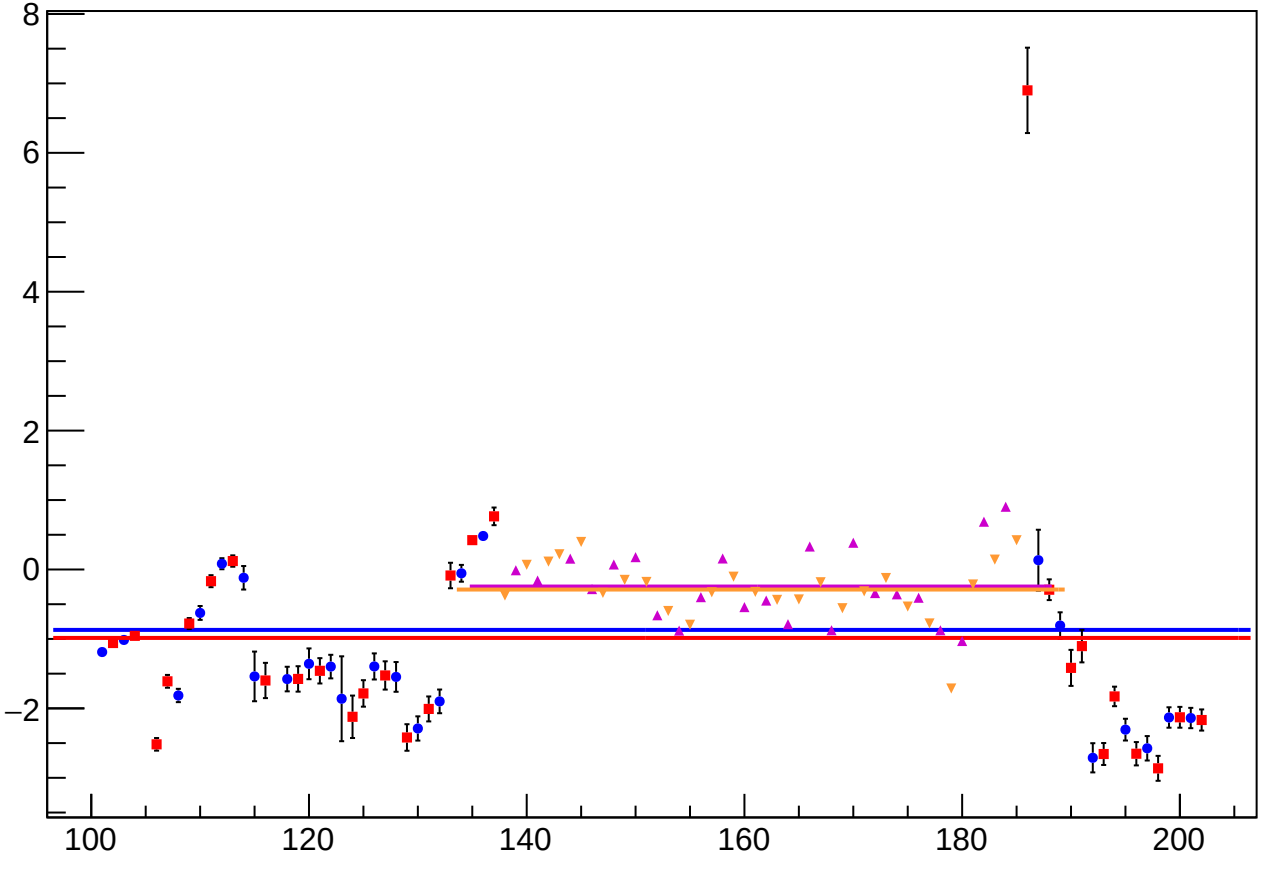
Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

+ sign 108.742+/-0.182 χ^2/NDF: 13945.6/48

All: 107.764+/-0.130 χ^2/NDF: 27487.5/99

- sign 106.755+/-0.185 χ^2/NDF: 13483.6/50

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.870+/-0.024 χ^2/NDF: 1449.1/23

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.985+/-0.022 χ^2/NDF: 2022.0/27

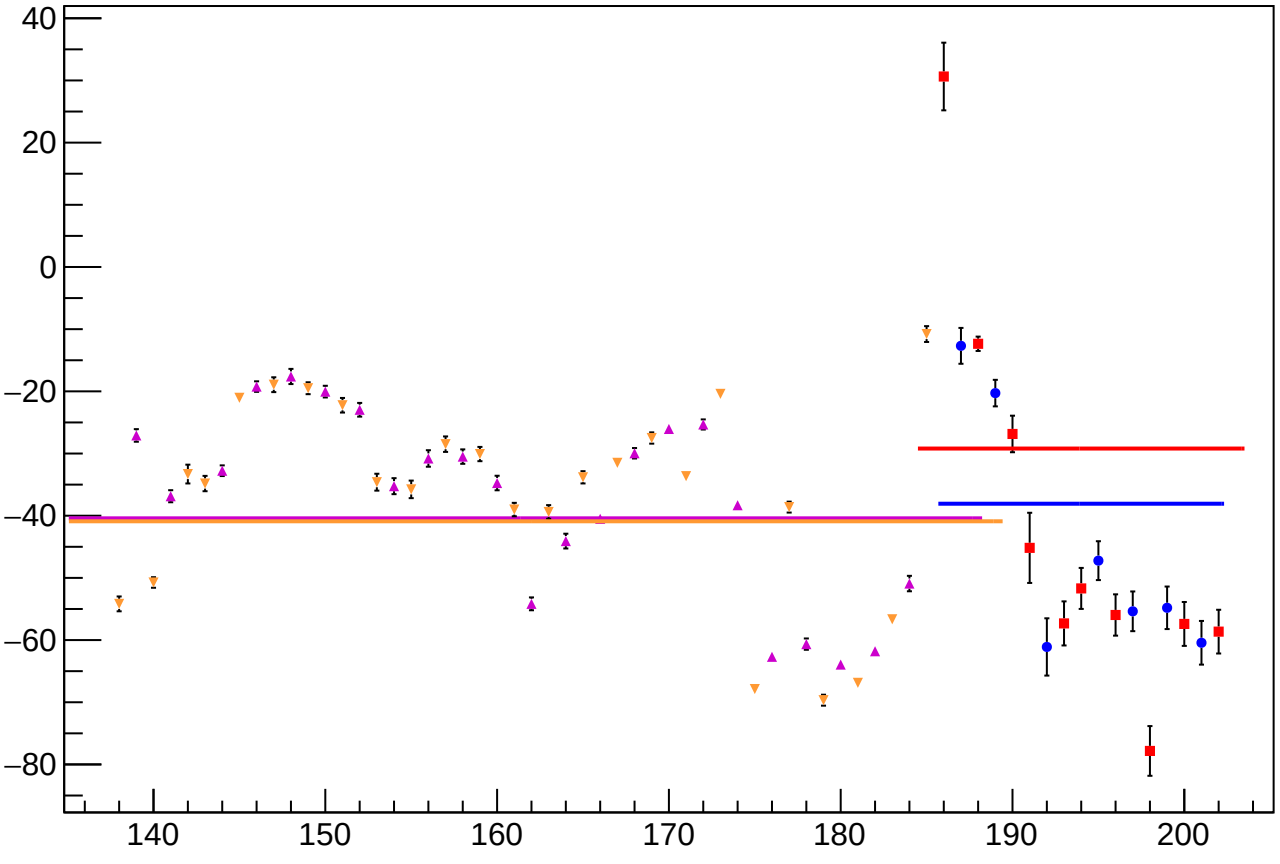
Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

+ sign -0.361+/-0.009 χ^2/NDF: 3998.9/48

All: -0.357+/-0.006 χ^2/NDF: 9759.3/99

- sign -0.353+/-0.009 χ^2/NDF: 5759.9/50

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -38.072+/-1.152 χ^2/NDF: 274.5/6

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -29.198+/-0.840 χ^2/NDF: 798.7/9

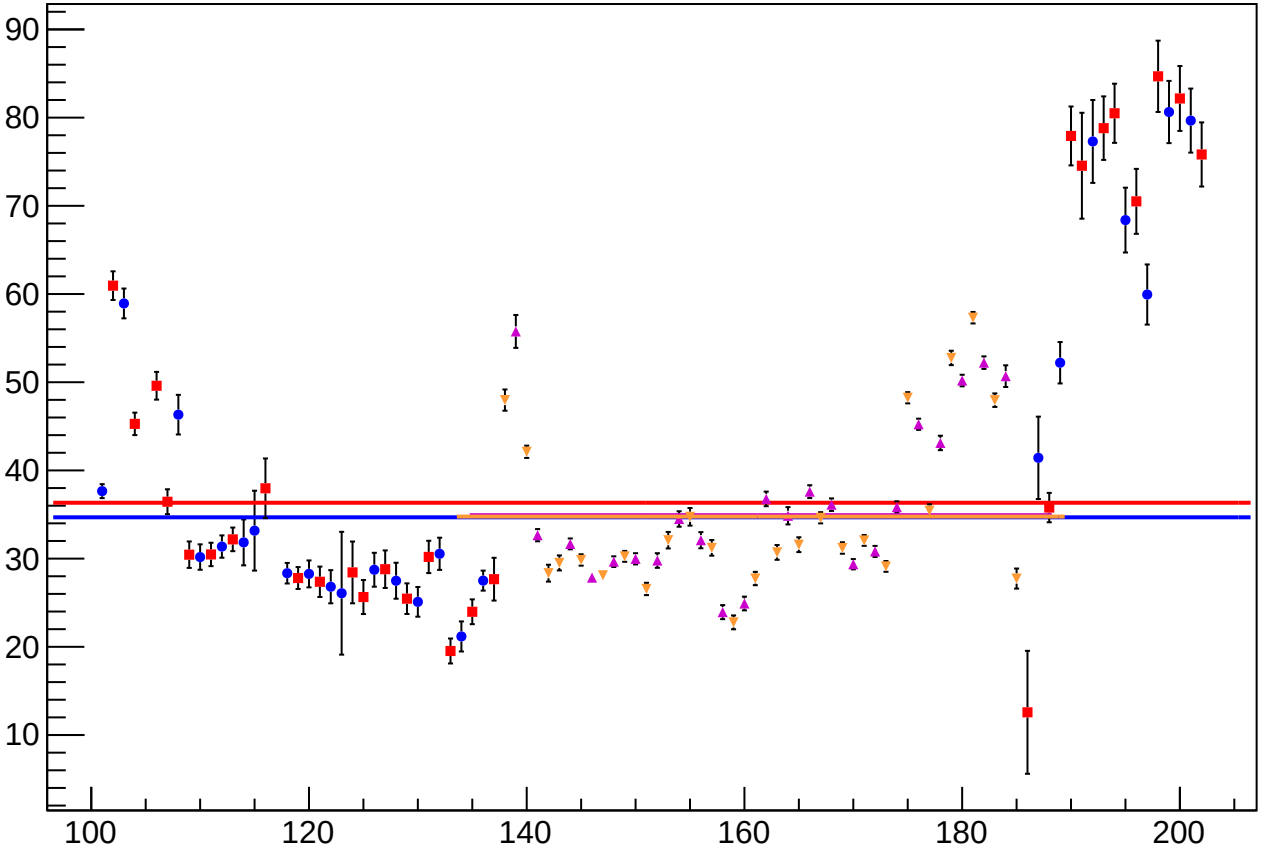
Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

+ sign -40.825+/-0.184 χ^2/NDF: 9395.1/31

All: -40.354+/-0.130 χ^2/NDF: 17406.8/64

- sign -39.882+/-0.184 χ^2/NDF: 7998.7/32

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 34.683+/-0.358 χ^2/NDF: 1095.7/23

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 36.335+/-0.356 χ^2/NDF: 1821.5/27

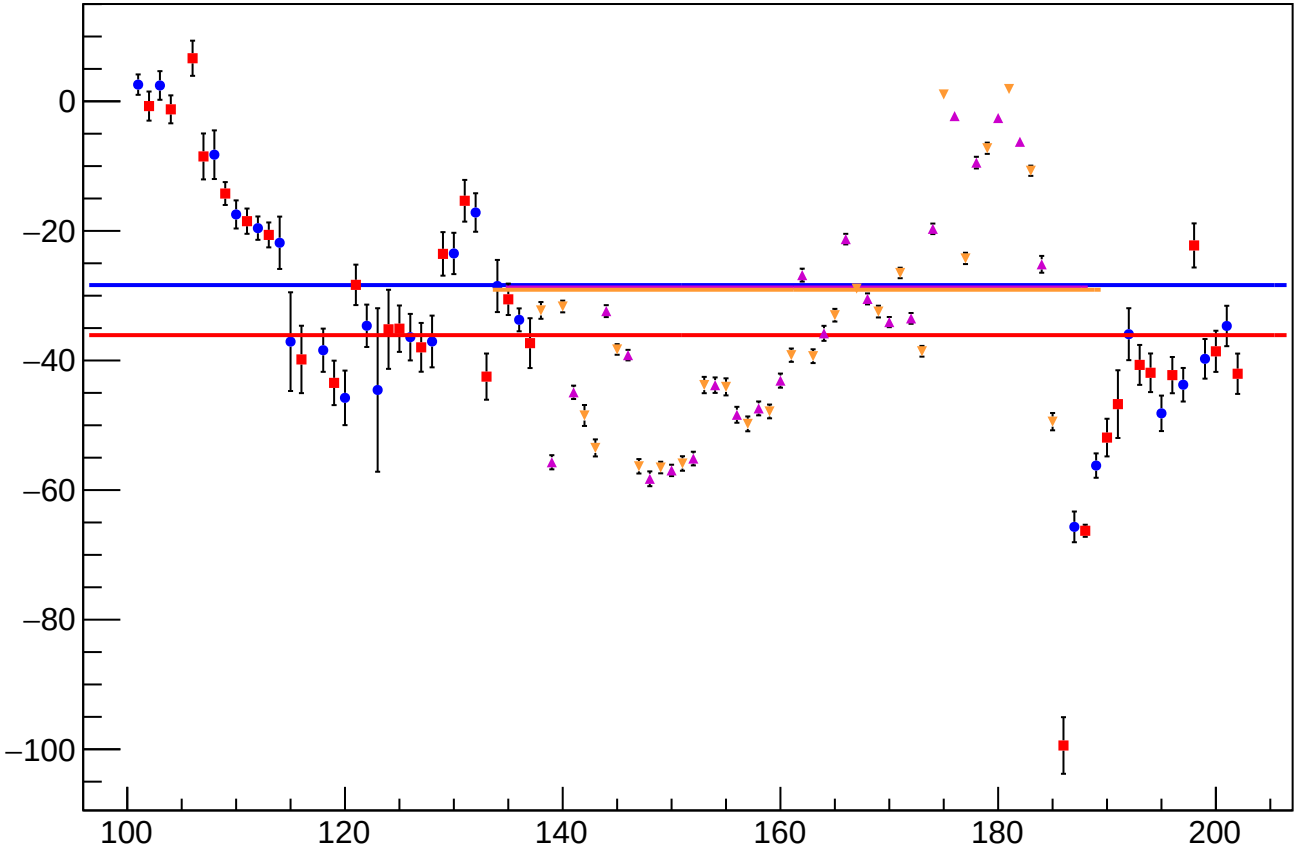
Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

+ sign 34.755+/-0.137 χ^2/NDF: 4773.1/48

All: 34.945+/-0.097 χ^2/NDF: 9300.2/99

- sign 35.142+/-0.139 χ^2/NDF: 4523.1/50

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -28.362+/-0.553 χ^2/NDF: 1305.5/23

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -36.088+/-0.478 χ^2/NDF: 2512.1/27

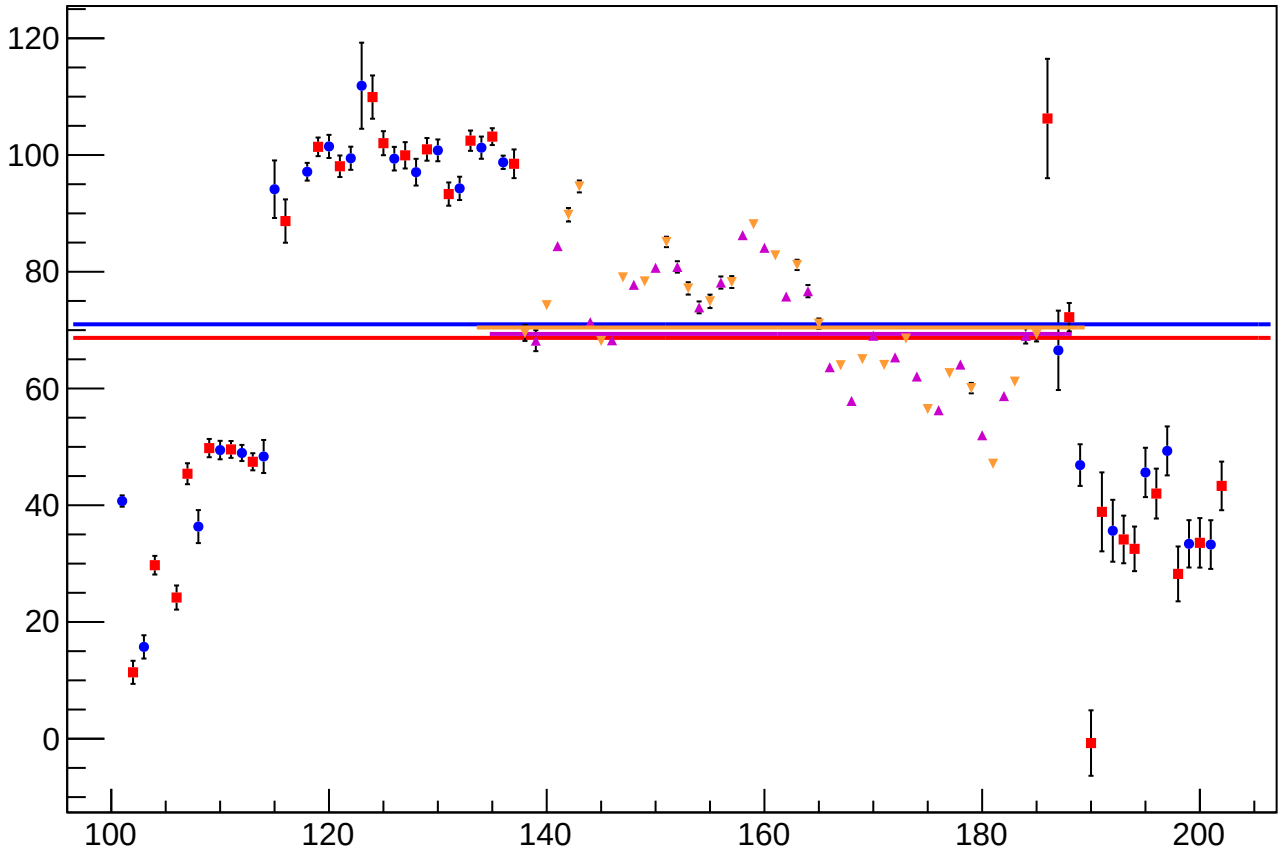
Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

+ sign -29.006+/-0.177 χ^2/NDF: 11366.5/48

All: -29.370+/-0.125 χ^2/NDF: 23246.9/99

- sign -29.727+/-0.176 χ^2/NDF: 11872.0/50

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 70.998+/-0.412 χ^2/NDF: 5078.6/23

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 68.672+/-0.413 χ^2/NDF: 5969.8/27

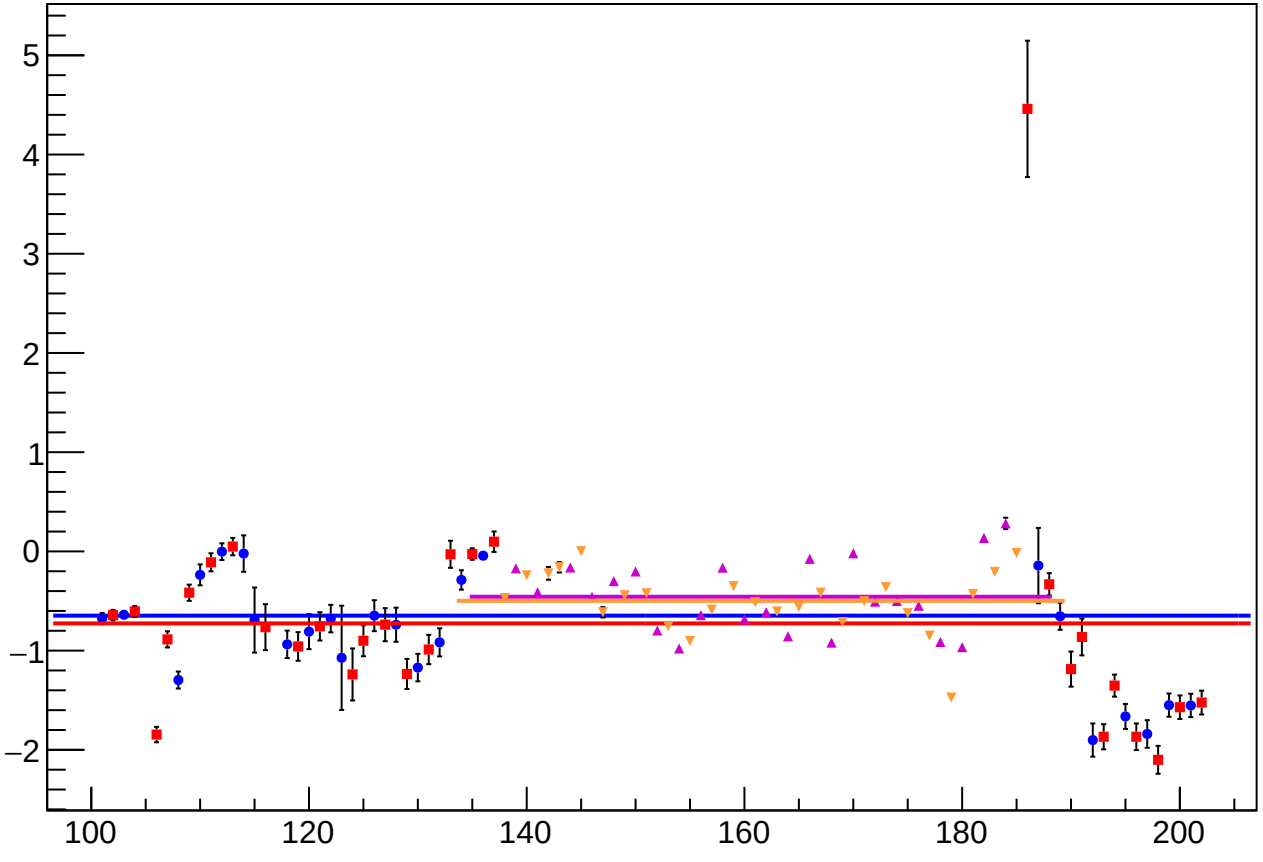
Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

+ sign 70.526+/-0.154 χ^2/NDF: 9564.7/48

All: 69.900+/-0.110 χ^2/NDF: 18901.0/99

- sign 69.252+/-0.157 χ^2/NDF: 9302.8/50

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.648+/-0.021 χ^2/NDF: 662.5/23

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.726+/-0.019 χ^2/NDF: 1067.5/27

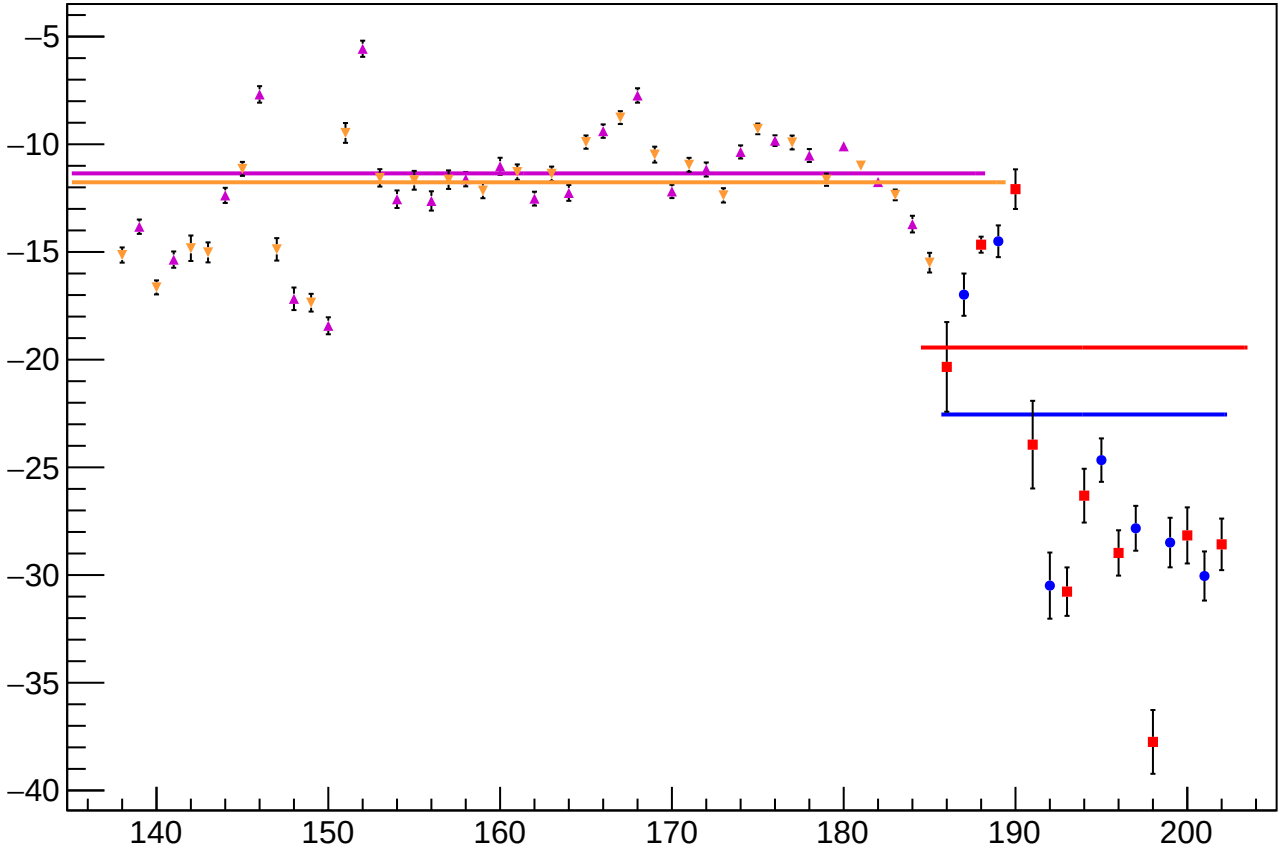
Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

+ sign -0.516+/-0.007 χ^2/NDF: 2149.9/48

All: -0.505+/-0.005 χ^2/NDF: 5364.8/99

- sign -0.494+/-0.007 χ^2/NDF: 3210.0/50

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -22.545+/-0.385 χ^2/NDF: 278.0/6

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -19.436+/-0.278 χ^2/NDF: 703.7/9

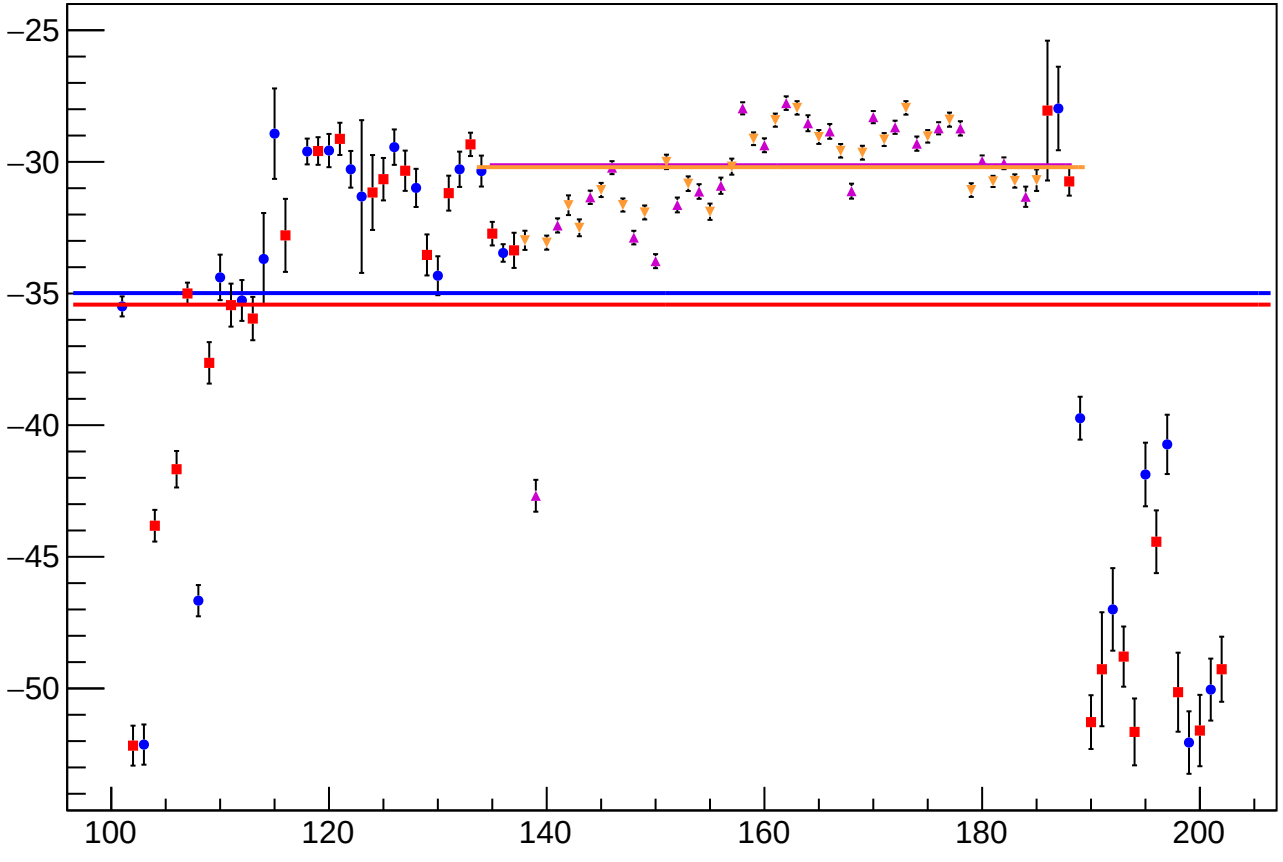
Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

+ sign -12.079+/-0.066 χ^2/NDF: 2063.6/31

All: -11.942+/-0.047 χ^2/NDF: 4855.7/64

- sign -11.805+/-0.066 χ^2/NDF: 2783.4/32

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.984+/-0.142 χ^2/NDF: 1921.3/23

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -35.422+/-0.138 χ^2/NDF: 2460.7/27

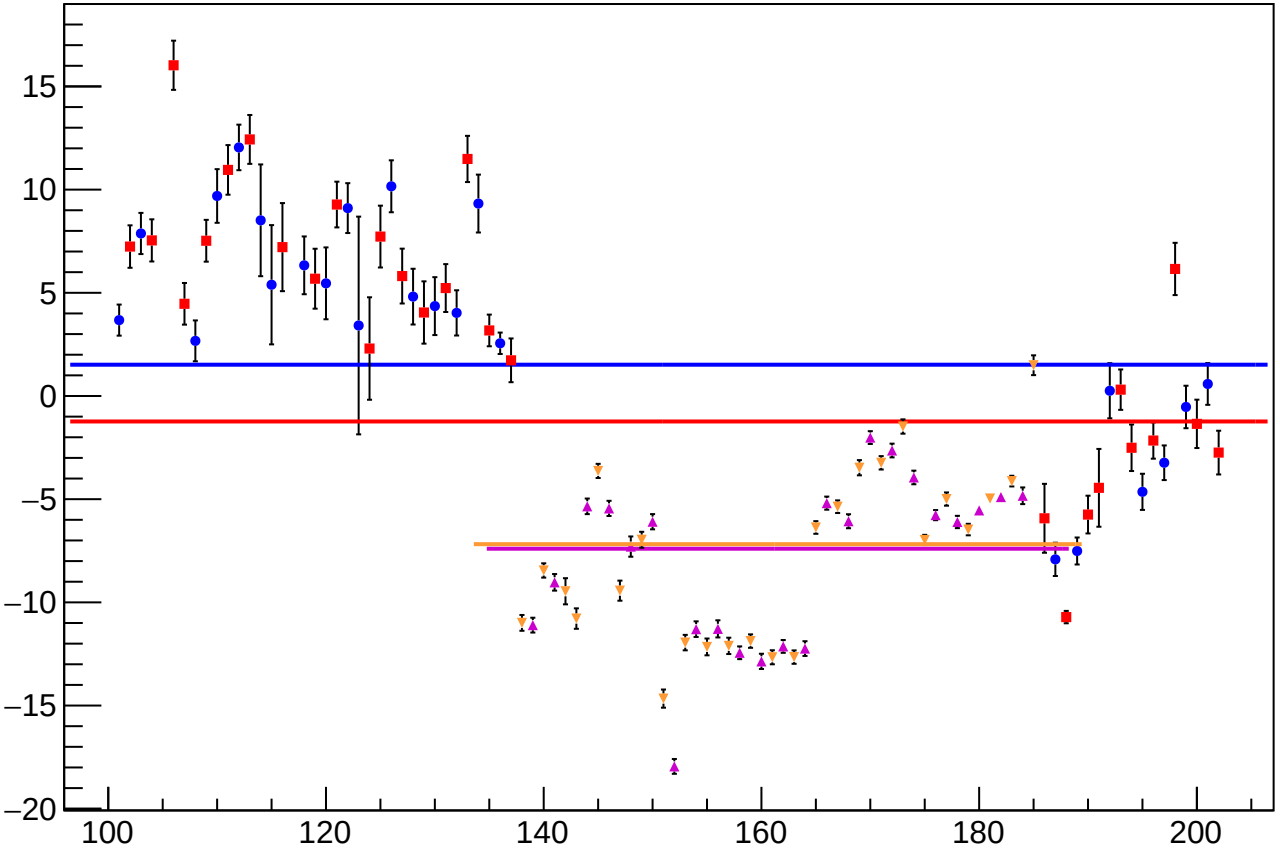
Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

+ sign -30.801+/-0.050 χ^2/NDF: 3632.4/48

All: -30.830+/-0.036 χ^2/NDF: 8648.1/99

- sign -30.860+/-0.051 χ^2/NDF: 5015.0/50

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 1.516+/-0.209 χ^2/NDF: 757.8/23

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.234+/-0.178 χ^2/NDF: 2174.3/27

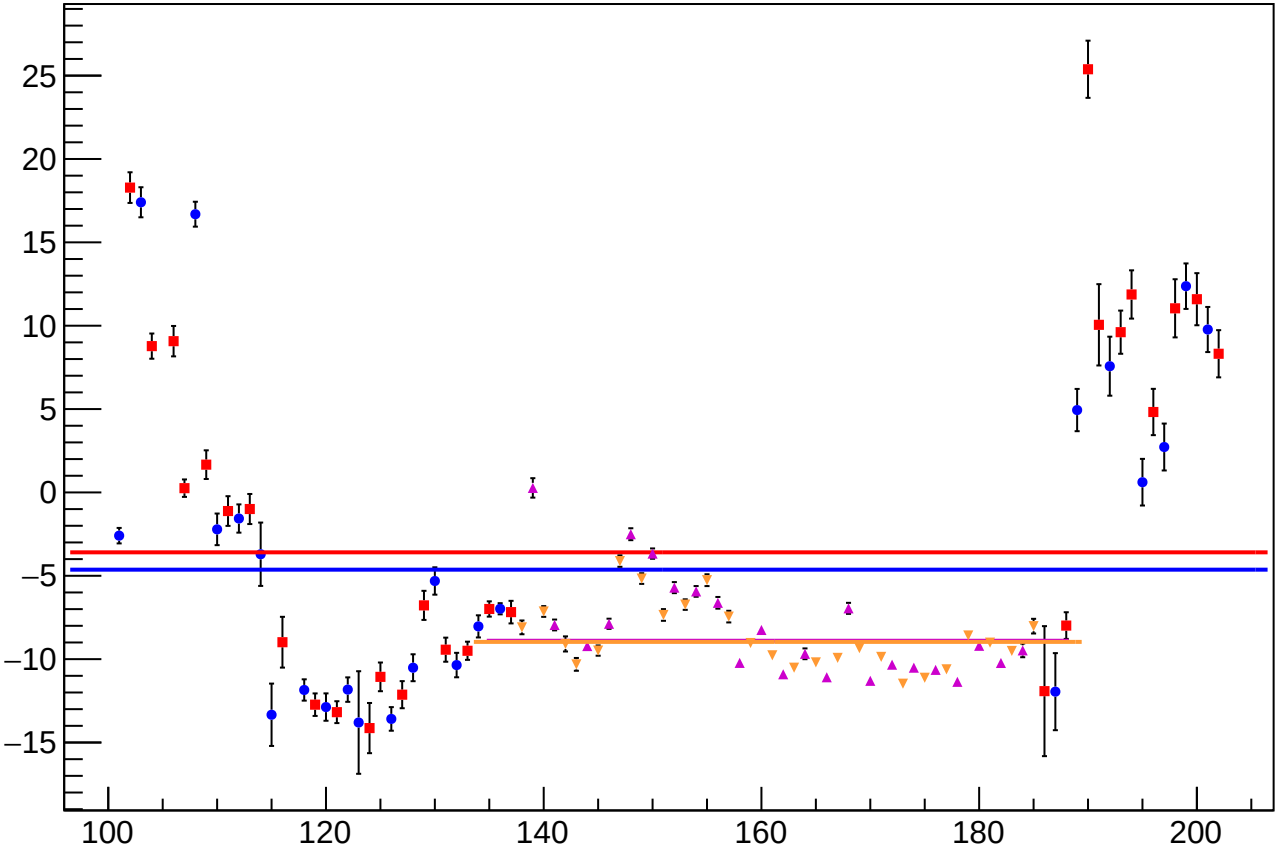
Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

+ sign -6.372+/-0.064 χ^2/NDF: 5340.4/48

All: -6.500+/-0.045 χ^2/NDF: 11704.9/99

- sign -6.625+/-0.063 χ^2/NDF: 6356.6/50

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -4.633+/-0.162 χ^2/NDF: 2579.3/23

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -3.593+/-0.161 χ^2/NDF: 2898.7/27

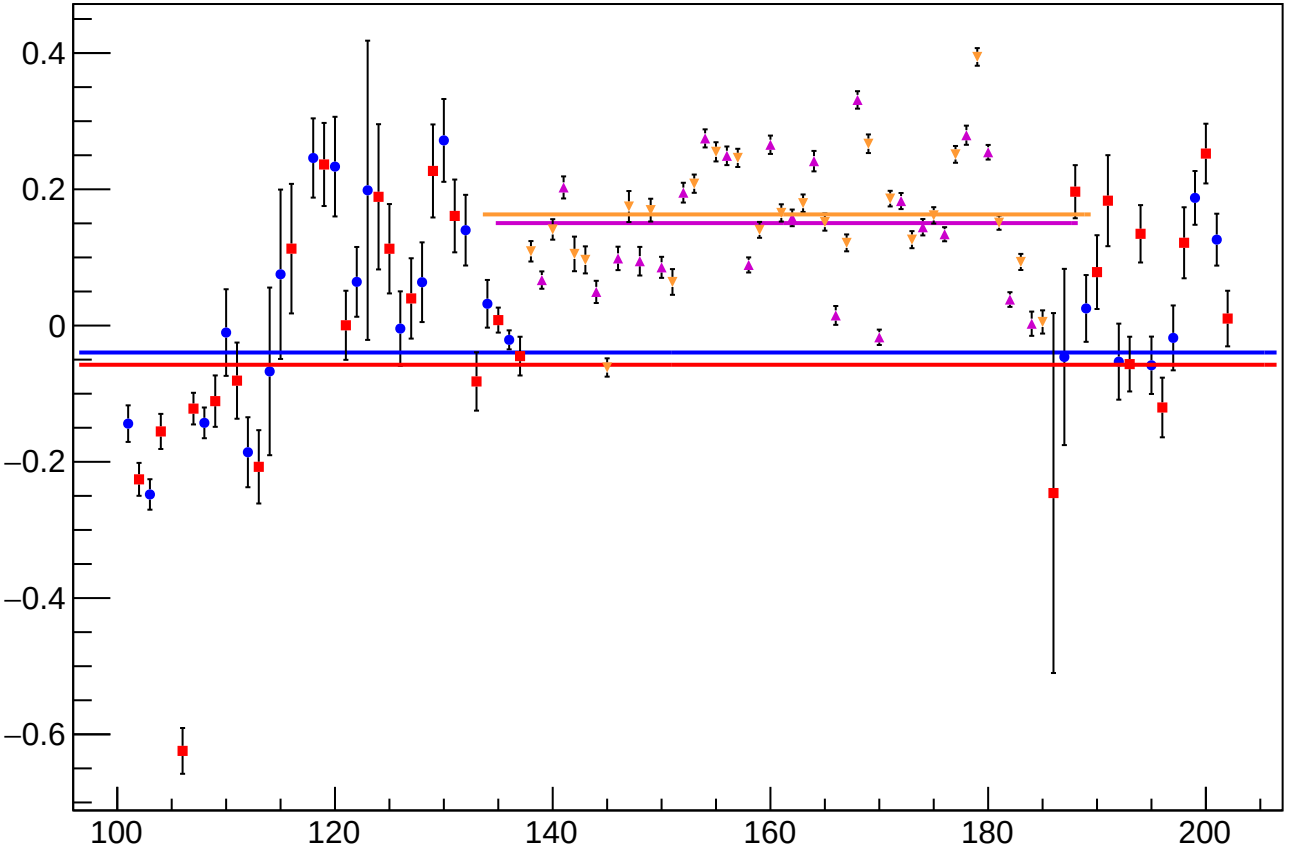
Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

+ sign -8.441+/-0.056 χ^2/NDF: 4080.8/48

All: -8.335+/-0.040 χ^2/NDF: 9513.6/99

- sign -8.226+/-0.057 χ^2/NDF: 5425.7/50

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.040+/-0.008 χ^2/NDF: 277.3/23

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.058+/-0.007 χ^2/NDF: 604.6/27

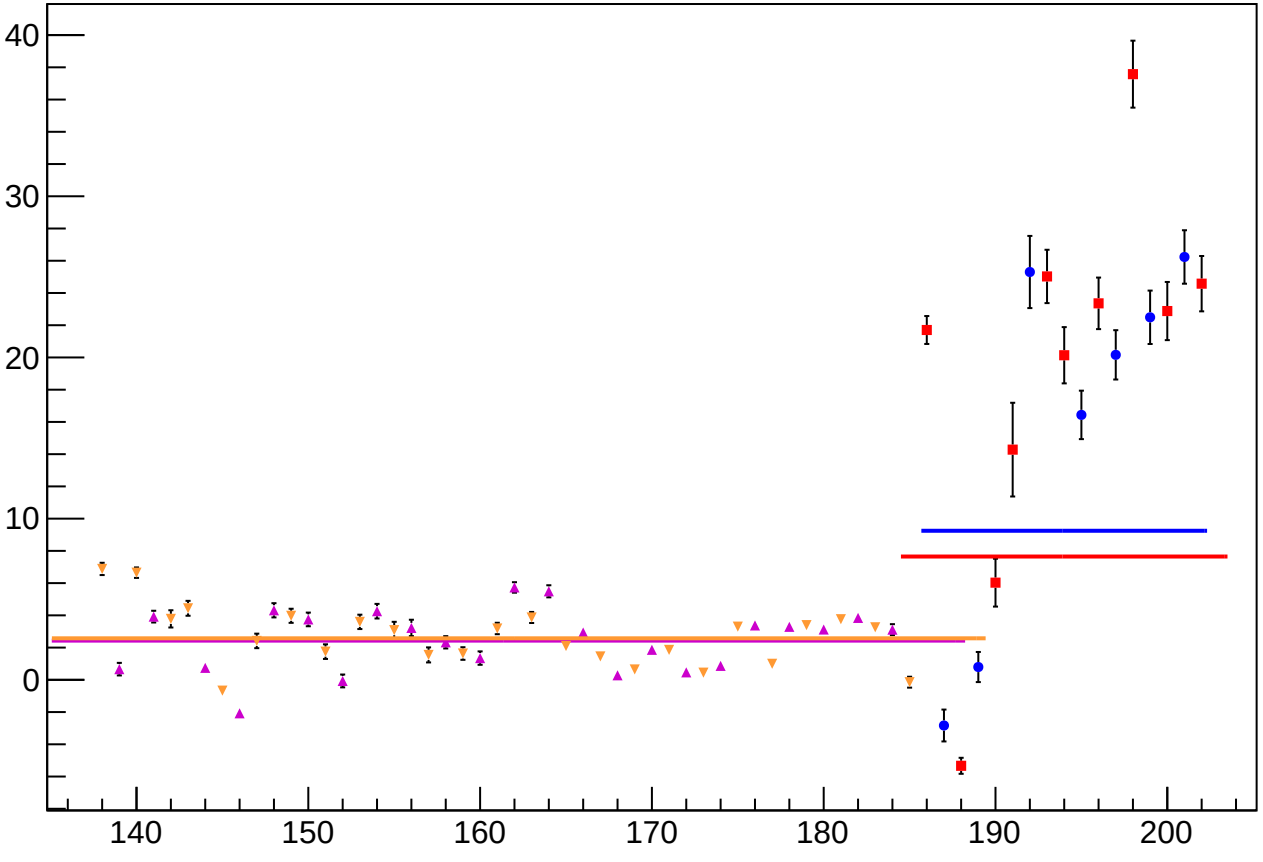
Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

+ sign 0.140+/-0.003 χ^2/NDF: 1919.6/48

All: 0.132+/-0.002 χ^2/NDF: 4538.0/99

- sign 0.125+/-0.003 χ^2/NDF: 2601.4/50

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 9.248+/-0.502 χ^2/NDF: 525.3/6

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 7.650+/-0.355 χ^2/NDF: 1587.6/9

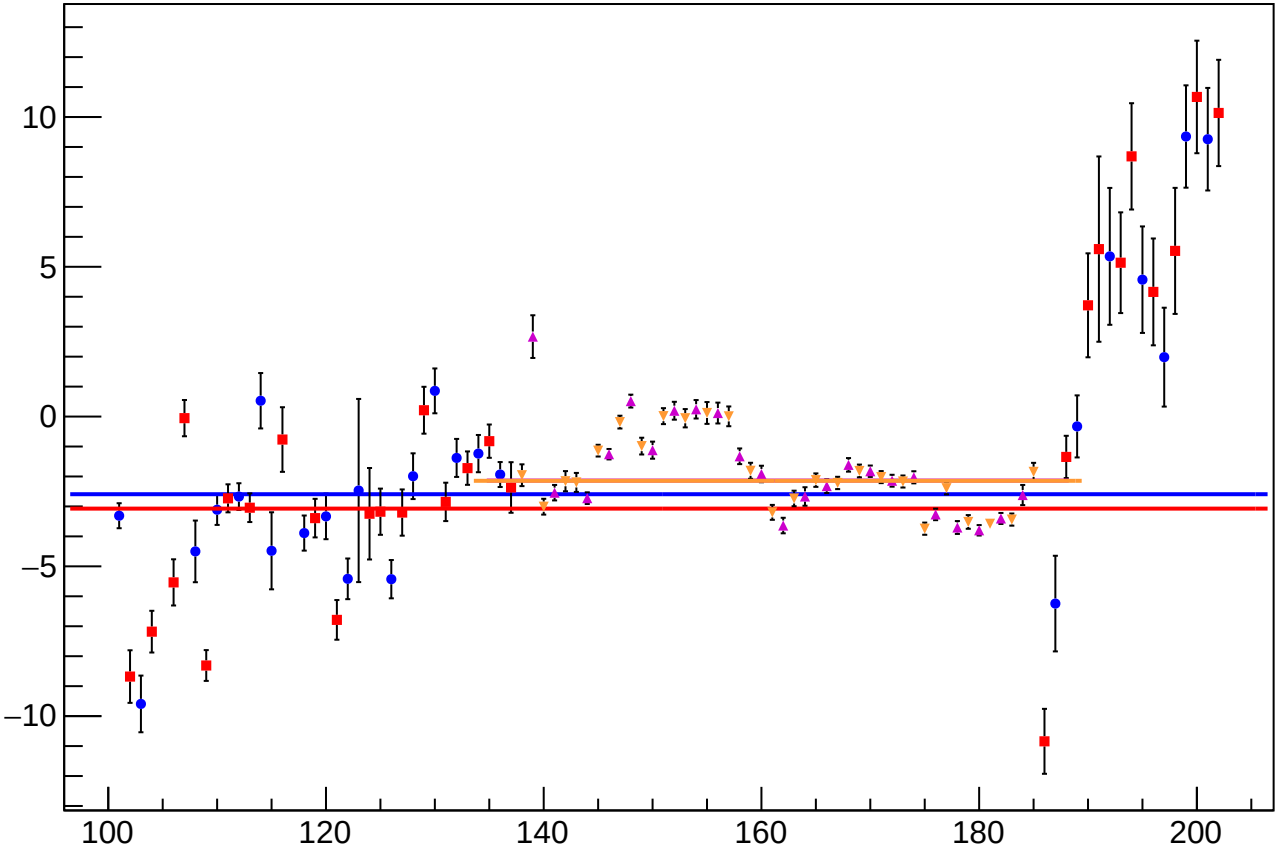
Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

+ sign 2.664+/-0.058 χ^2/NDF: 1567.6/31

All: 2.619+/-0.041 χ^2/NDF: 4249.2/64

- sign 2.574+/-0.058 χ^2/NDF: 2680.4/32

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.592+/-0.149 χ^2/NDF: 294.2/23

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.073+/-0.146 χ^2/NDF: 582.5/27

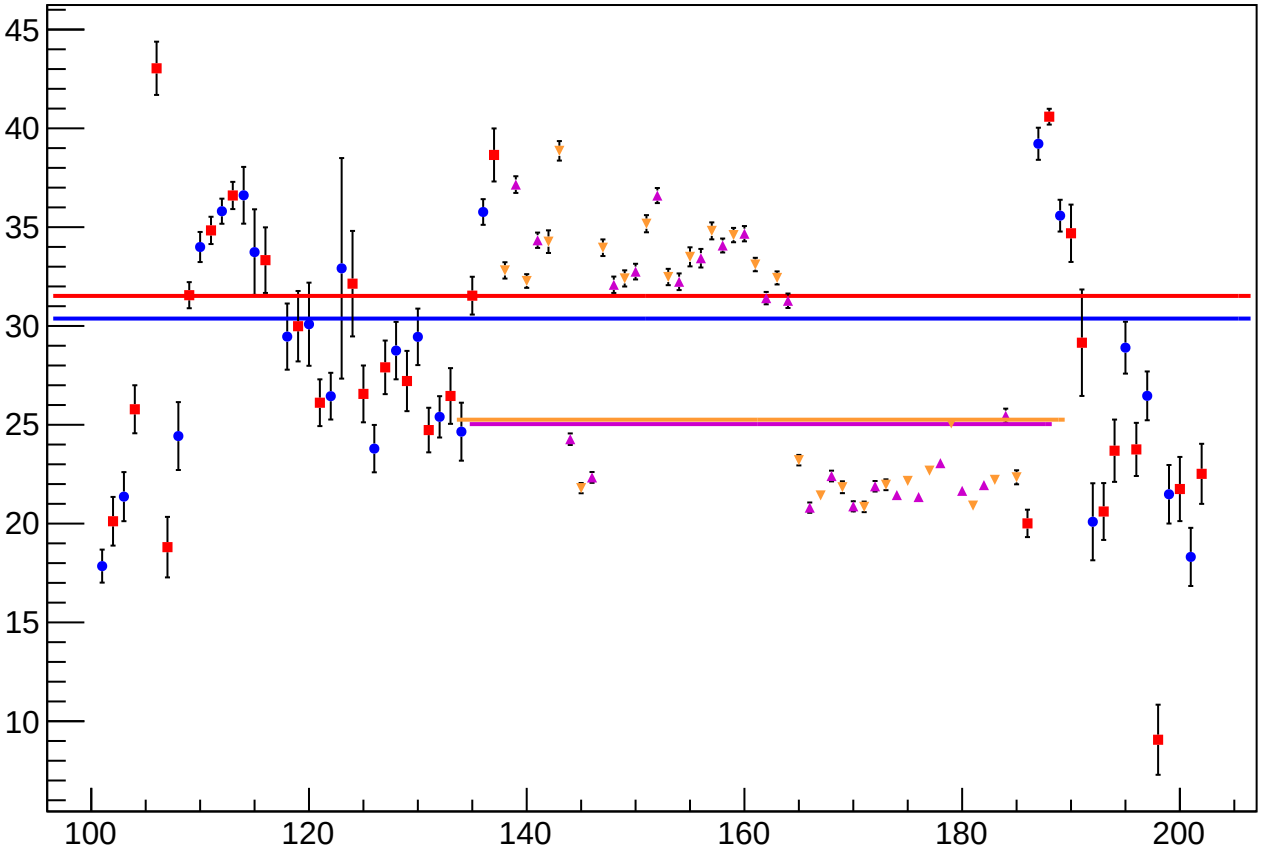
Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

+ sign -2.186+/-0.045 χ^2/NDF: 874.9/48

All: -2.207+/-0.032 χ^2/NDF: 2188.5/99

- sign -2.229+/-0.046 χ^2/NDF: 1313.1/50

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.375+/-0.226 χ^2/NDF: 859.5/23

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 31.521+/-0.195 χ^2/NDF: 1596.7/27

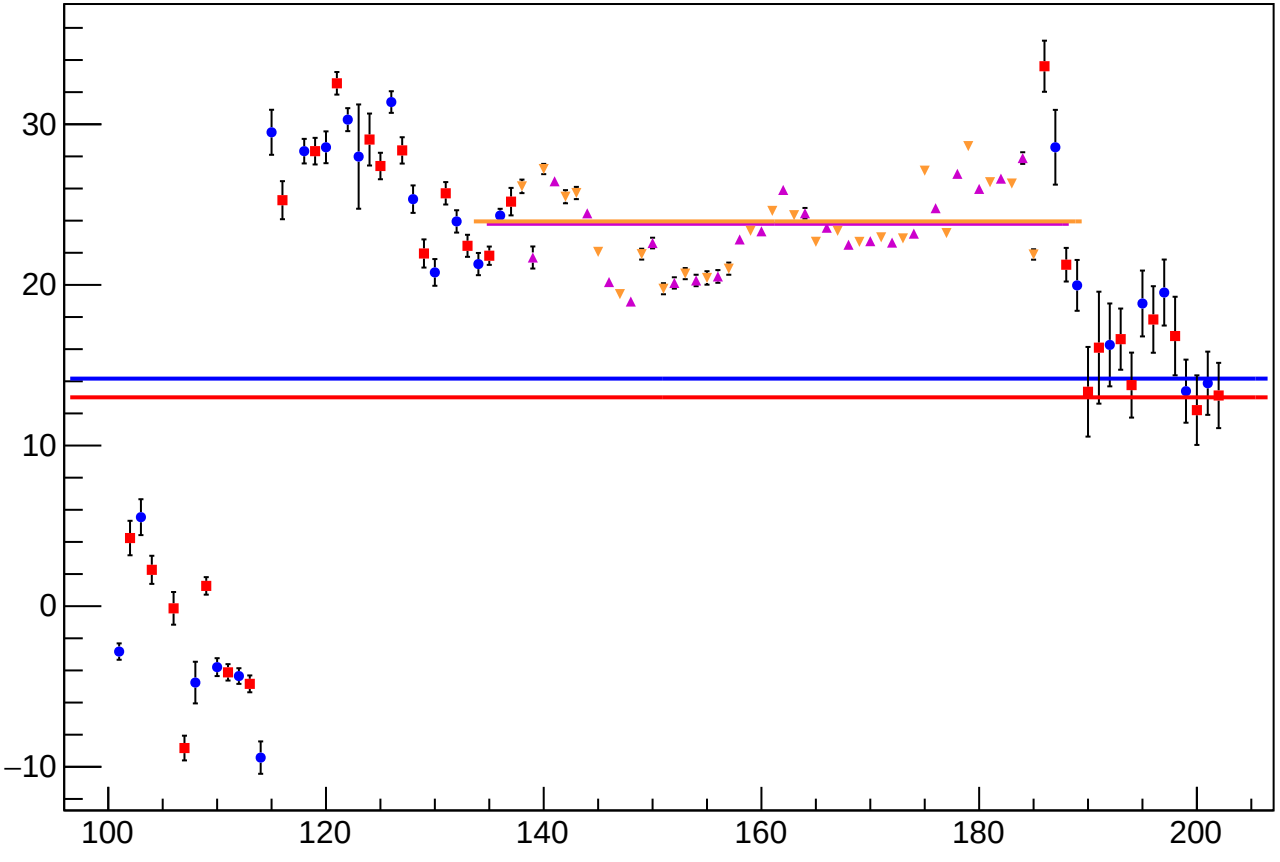
Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

+ sign 25.583+/-0.057 χ^2/NDF: 9474.0/48

All: 25.583+/-0.040 χ^2/NDF: 19771.8/99

- sign 25.583+/-0.057 χ^2/NDF: 10297.8/50

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.167+/-0.168 χ^2/NDF: 7458.1/23

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 13.001+/-0.167 χ^2/NDF: 7216.1/27

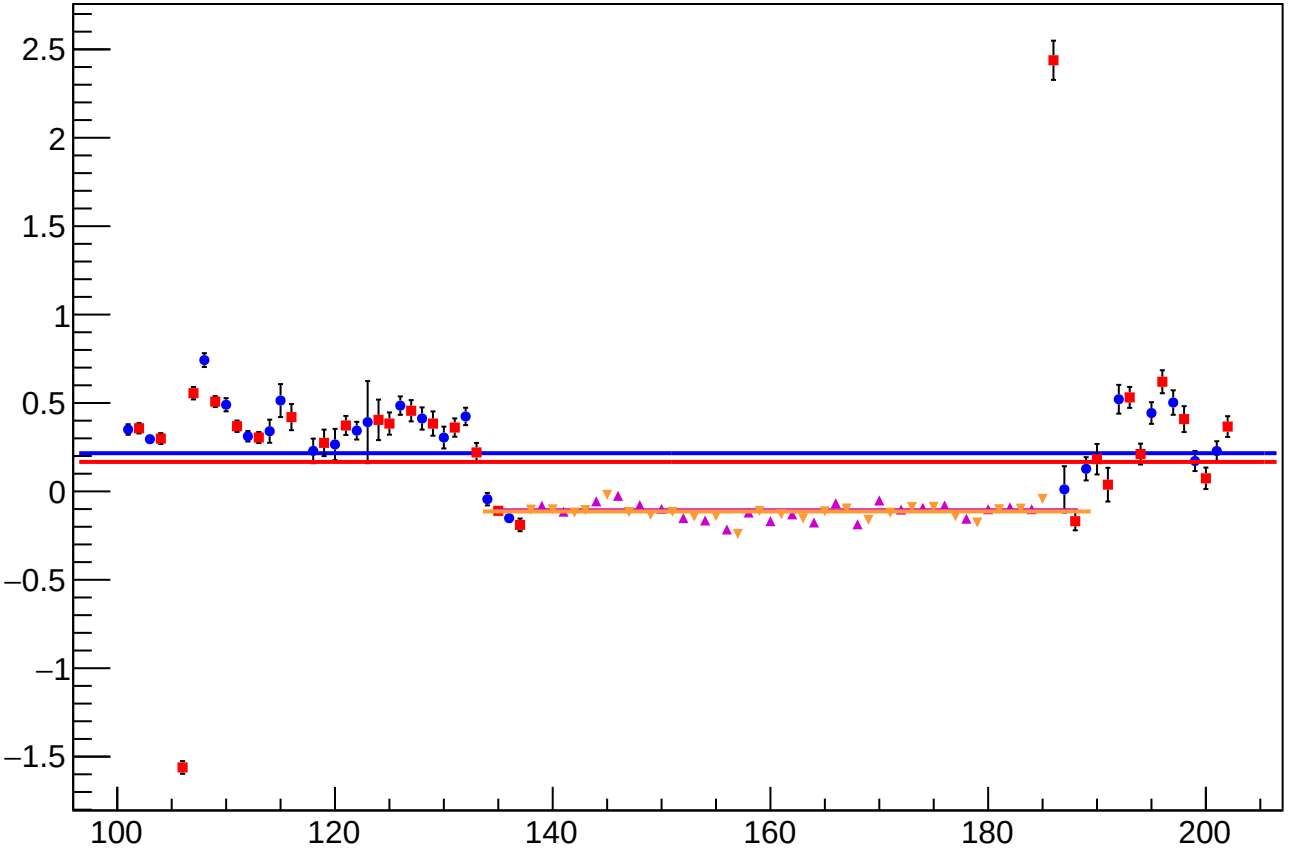
Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

+ sign 23.058+/-0.051 χ^2/NDF: 12467.0/48

All: 22.922+/-0.036 χ^2/NDF: 25261.7/99

- sign 22.782+/-0.051 χ^2/NDF: 12780.1/50

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.216+/-0.009 χ^2/NDF: 897.3/23

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.167+/-0.008 χ^2/NDF: 3594.0/27

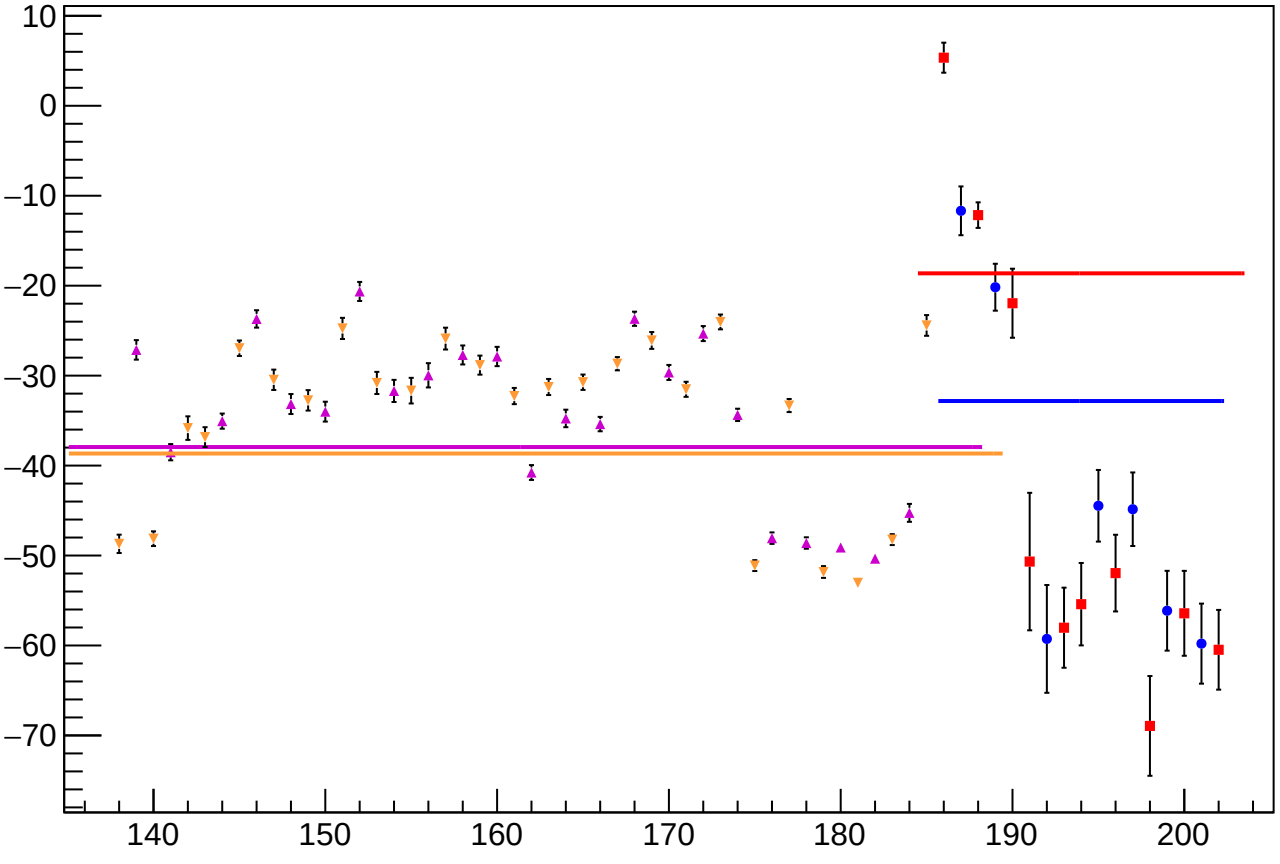
Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

+ sign -0.090+/-0.002 χ^2/NDF: 2496.4/48

All: -0.088+/-0.002 χ^2/NDF: 7381.5/99

- sign -0.085+/-0.002 χ^2/NDF: 4883.0/50

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -32.823+/-1.367 χ^2/NDF: 185.4/6

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -18.629+/-0.905 χ^2/NDF: 684.9/9

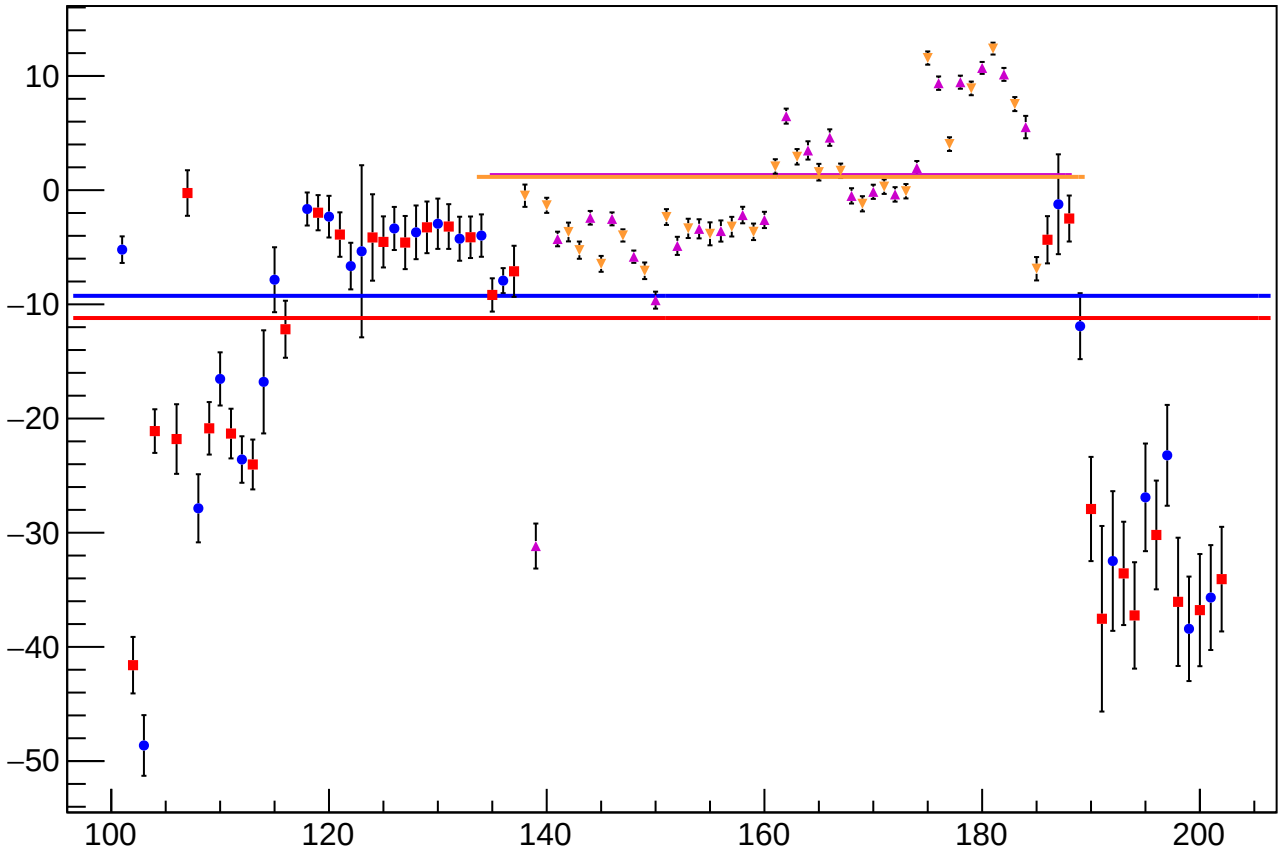
Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

+ sign -38.572+/-0.168 χ^2/NDF: 4277.2/31

All: -37.923+/-0.119 χ^2/NDF: 8564.6/64

- sign -37.263+/-0.169 χ^2/NDF: 4257.3/32

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -9.255+/-0.444 χ^2/NDF: 533.2/23

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -11.198+/-0.450 χ^2/NDF: 610.6/27

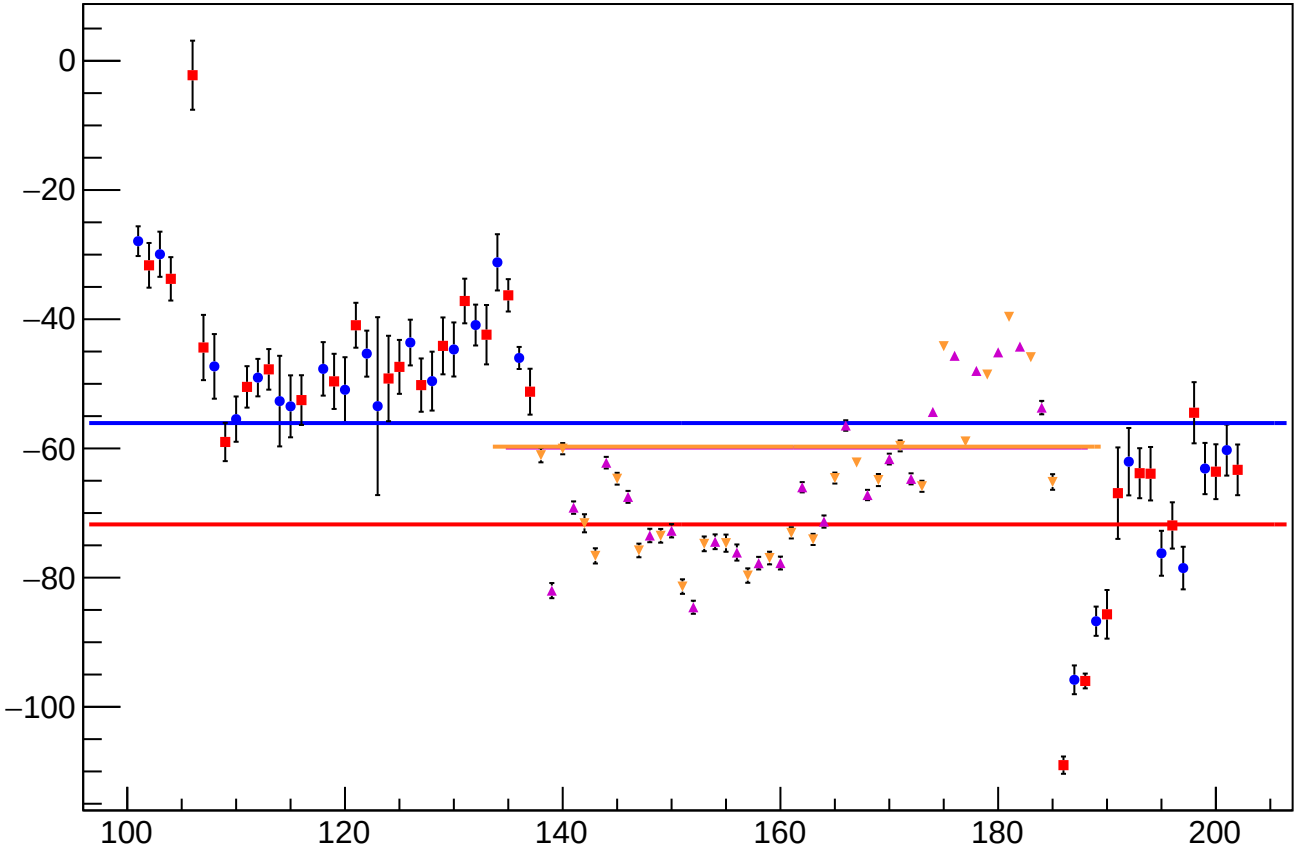
Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

+ sign 0.265+/-0.130 χ^2/NDF: 2822.5/48

All: 0.244+/-0.093 χ^2/NDF: 6219.6/99

- sign 0.222+/-0.133 χ^2/NDF: 3397.0/50

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -56.073+/-0.678 χ^2/NDF: 929.2/23

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -71.761+/-0.568 χ^2/NDF: 2466.0/27

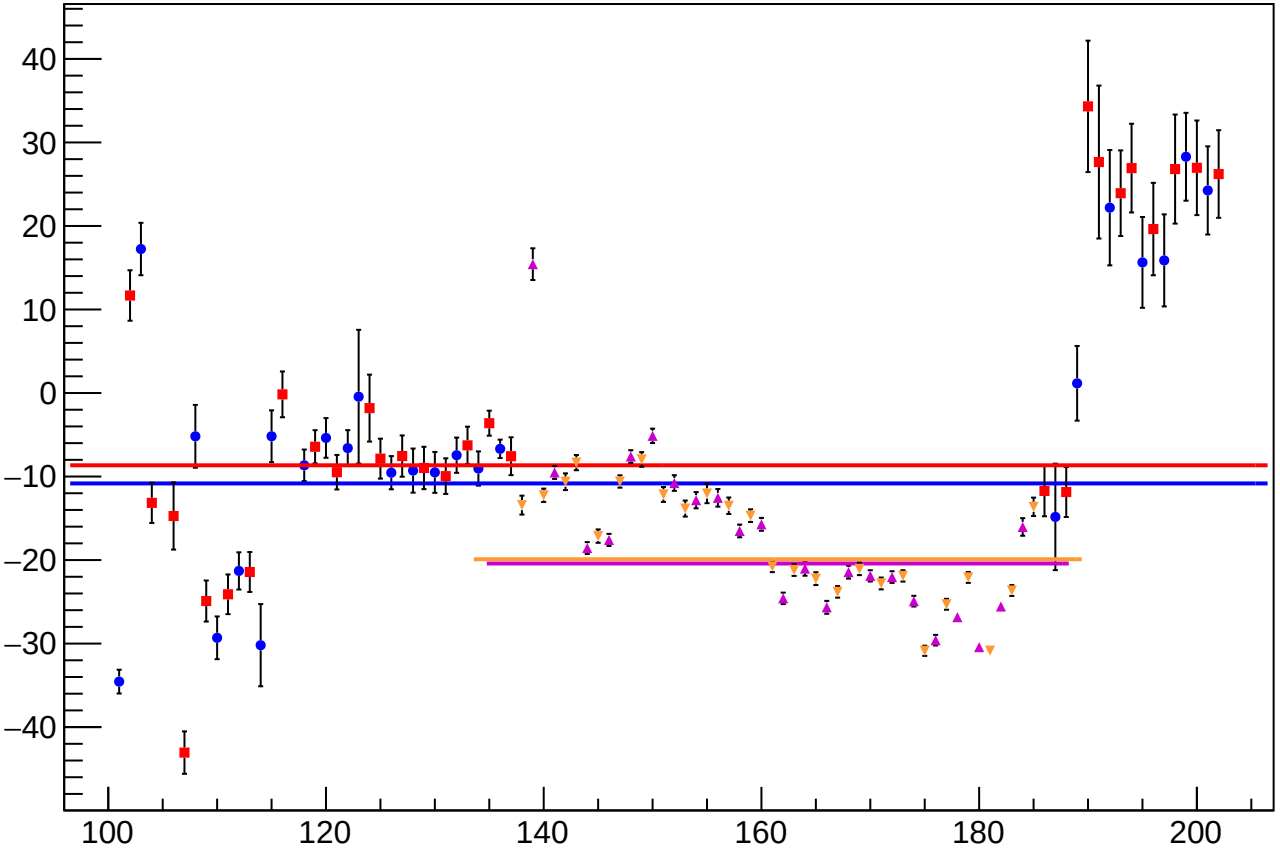
Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

+ sign -59.508+/-0.165 χ^2/NDF: 6746.2/48

All: -60.190+/-0.117 χ^2/NDF: 14923.3/99

- sign -60.872+/-0.165 χ^2/NDF: 8143.0/50

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -10.825+/-0.504 χ^2/NDF: 661.6/23

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -8.654+/-0.520 χ^2/NDF: 649.0/27

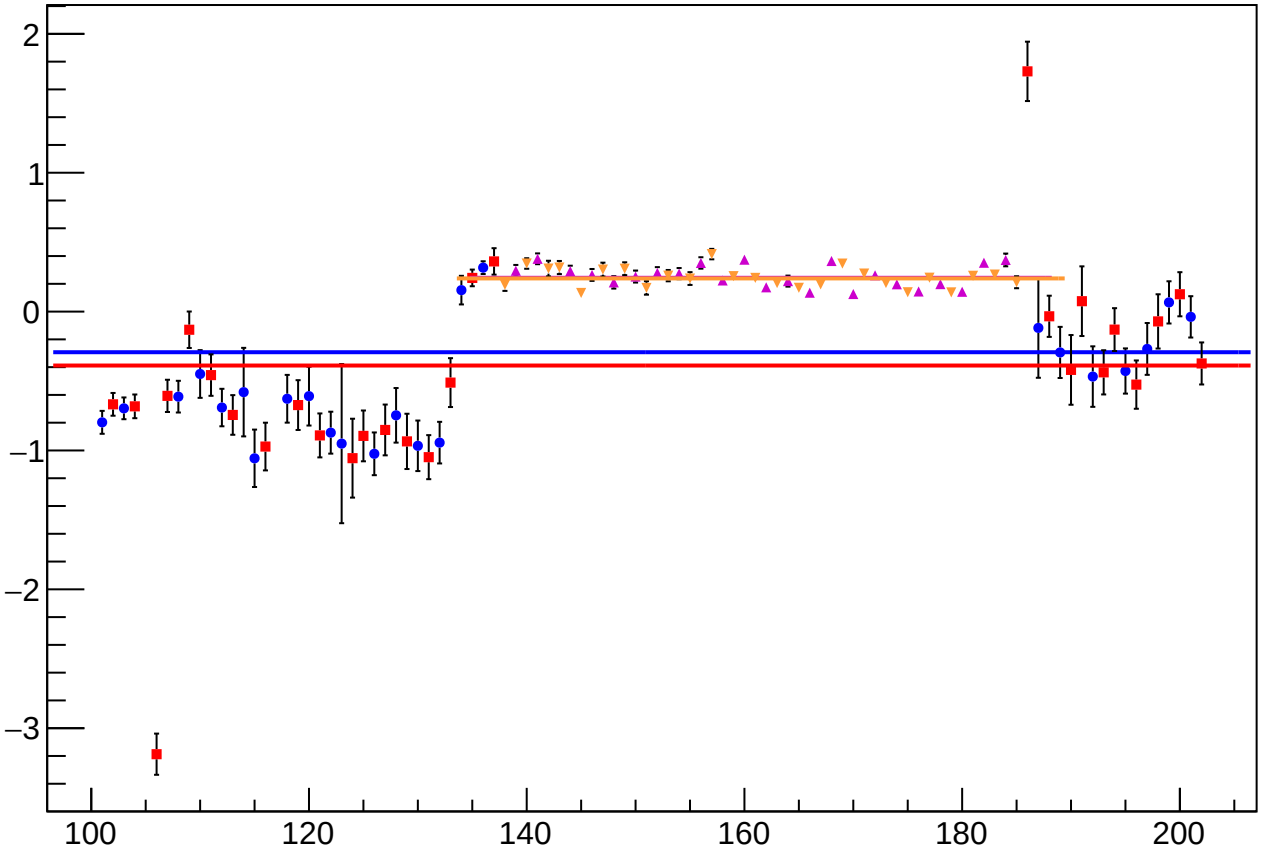
Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

+ sign -19.135+/-0.146 χ^2/NDF: 2863.3/48

All: -19.284+/-0.105 χ^2/NDF: 6329.1/99

- sign -19.438+/-0.150 χ^2/NDF: 3463.7/50

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.293+/-0.026 χ^2/NDF: 382.8/23

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.388+/-0.025 χ^2/NDF: 759.0/27

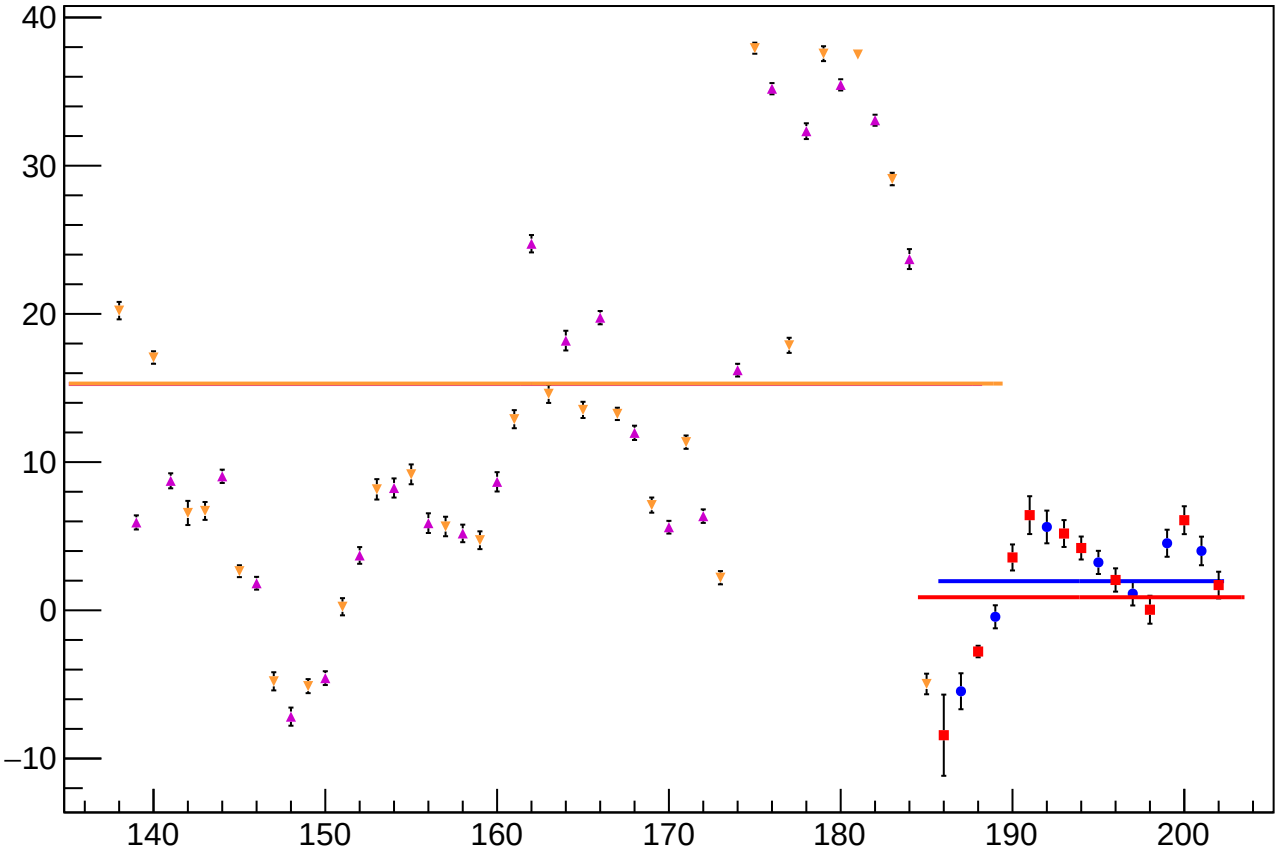
Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

+ sign 0.201+/-0.007 χ^2/NDF: 879.0/48

All: 0.199+/-0.005 χ^2/NDF: 2348.5/99

- sign 0.197+/-0.007 χ^2/NDF: 1469.3/50

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.967+/-0.340 χ^2/NDF: 74.1/6

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: 0.882+/-0.245 χ^2/NDF: 203.6/9

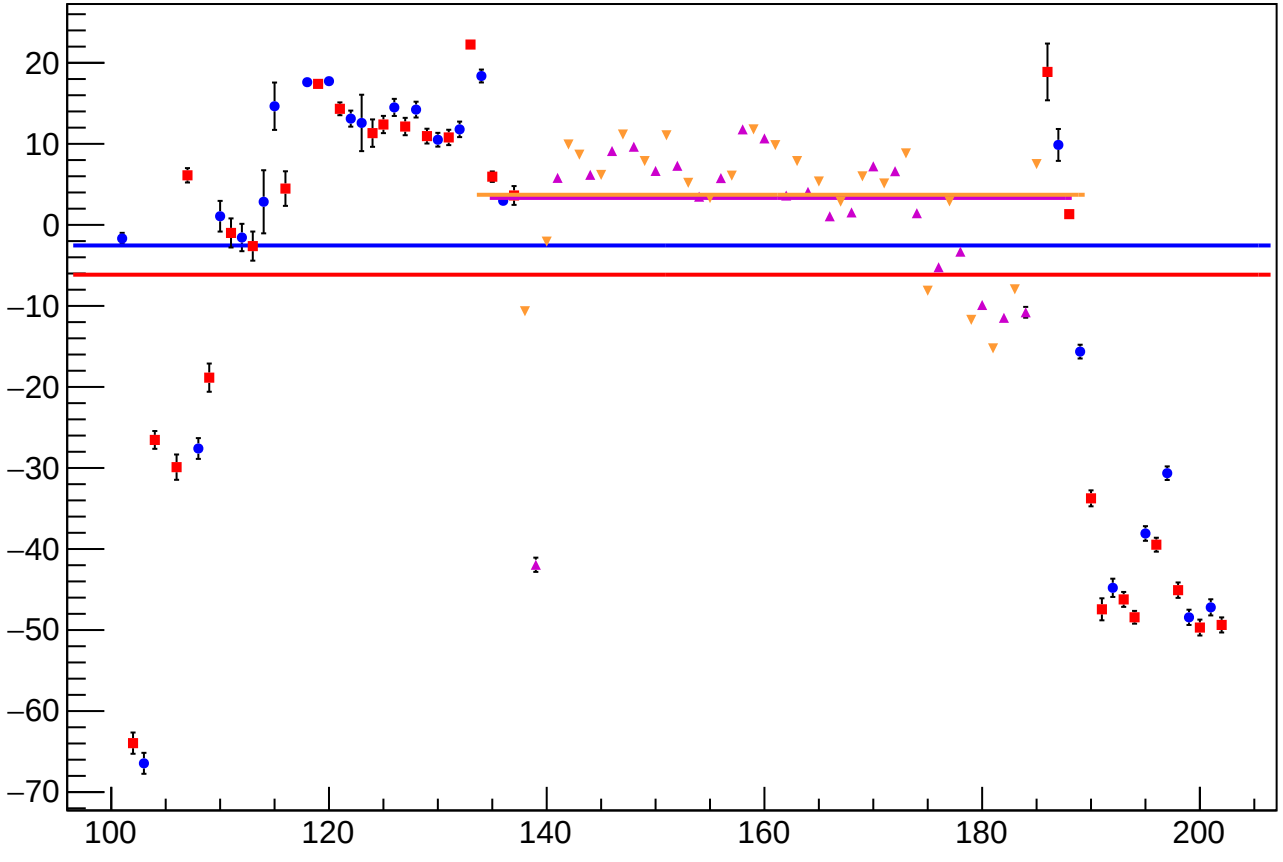
Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

+ sign 14.225+/-0.097 χ^2/NDF: 20620.4/31

All: 13.670+/-0.067 χ^2/NDF: 40229.5/64

- sign 13.141+/-0.094 χ^2/NDF: 19544.4/32

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -2.540+/-0.186 χ^2/NDF: 16527.5/23

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: -6.147+/-0.171 χ^2/NDF: 25087.5/27

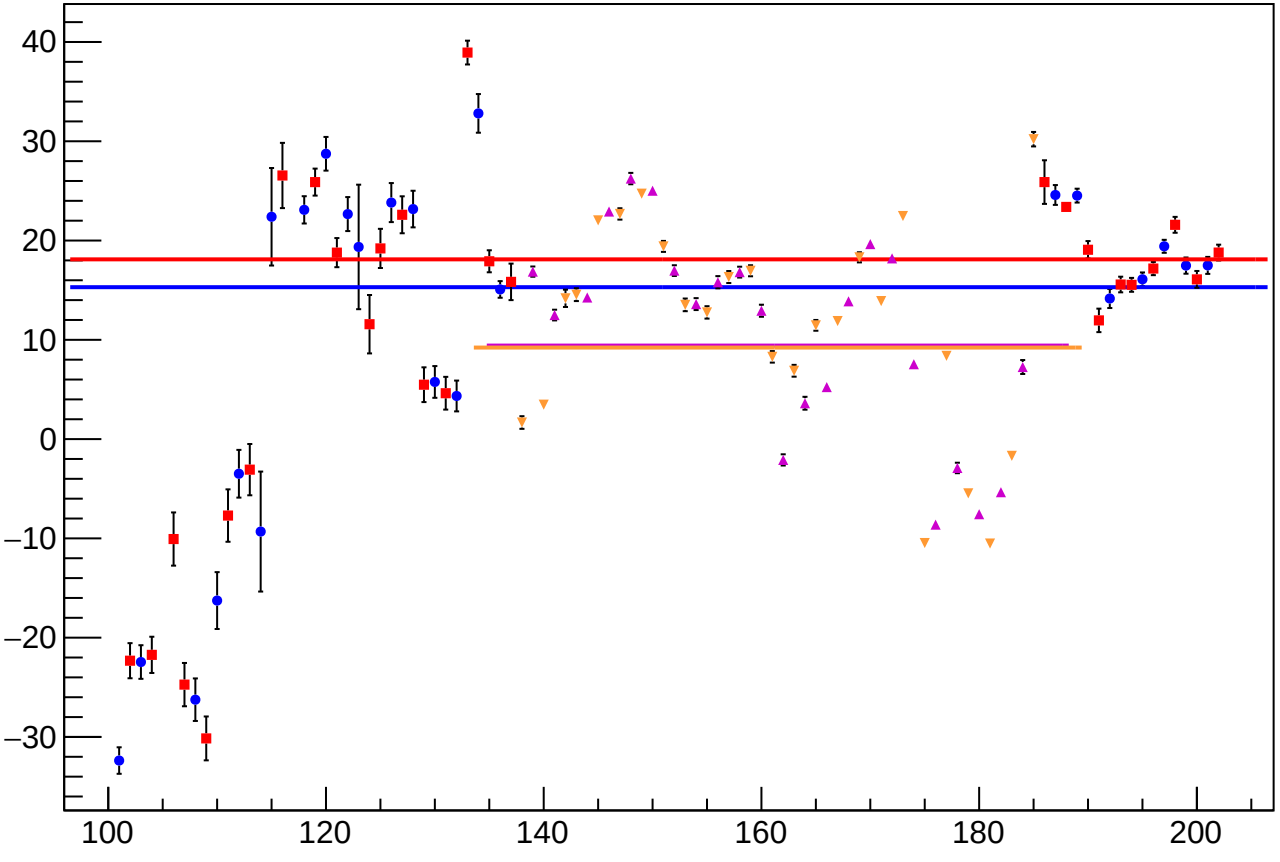
Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

+ sign 2.764+/-0.073 χ^2/NDF: 26684.9/48

All: 2.185+/-0.052 χ^2/NDF: 63230.4/99

- sign 1.596+/-0.073 χ^2/NDF: 36417.3/50

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 15.302+/-0.241 χ^2/NDF: 2984.6/23

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 18.105+/-0.187 χ^2/NDF: 2979.9/27

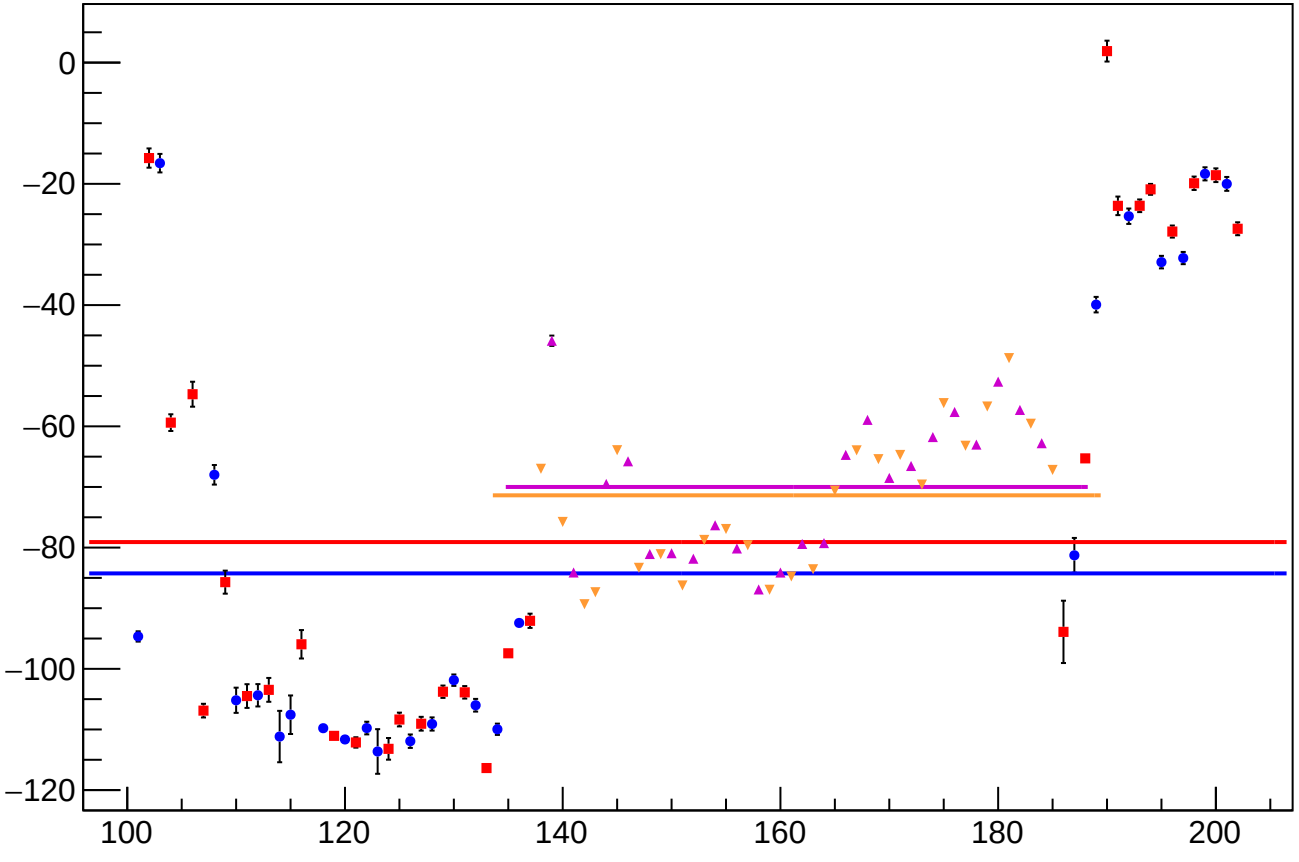
Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

+ sign 10.131+/-0.093 χ^2/NDF: 17143.5/48

All: 10.792+/-0.065 χ^2/NDF: 33954.5/99

- sign 11.403+/-0.090 χ^2/NDF: 16714.1/50

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -84.257+/-0.217 χ^2/NDF: 24270.6/23

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -79.089+/-0.203 χ^2/NDF: 36340.8/27

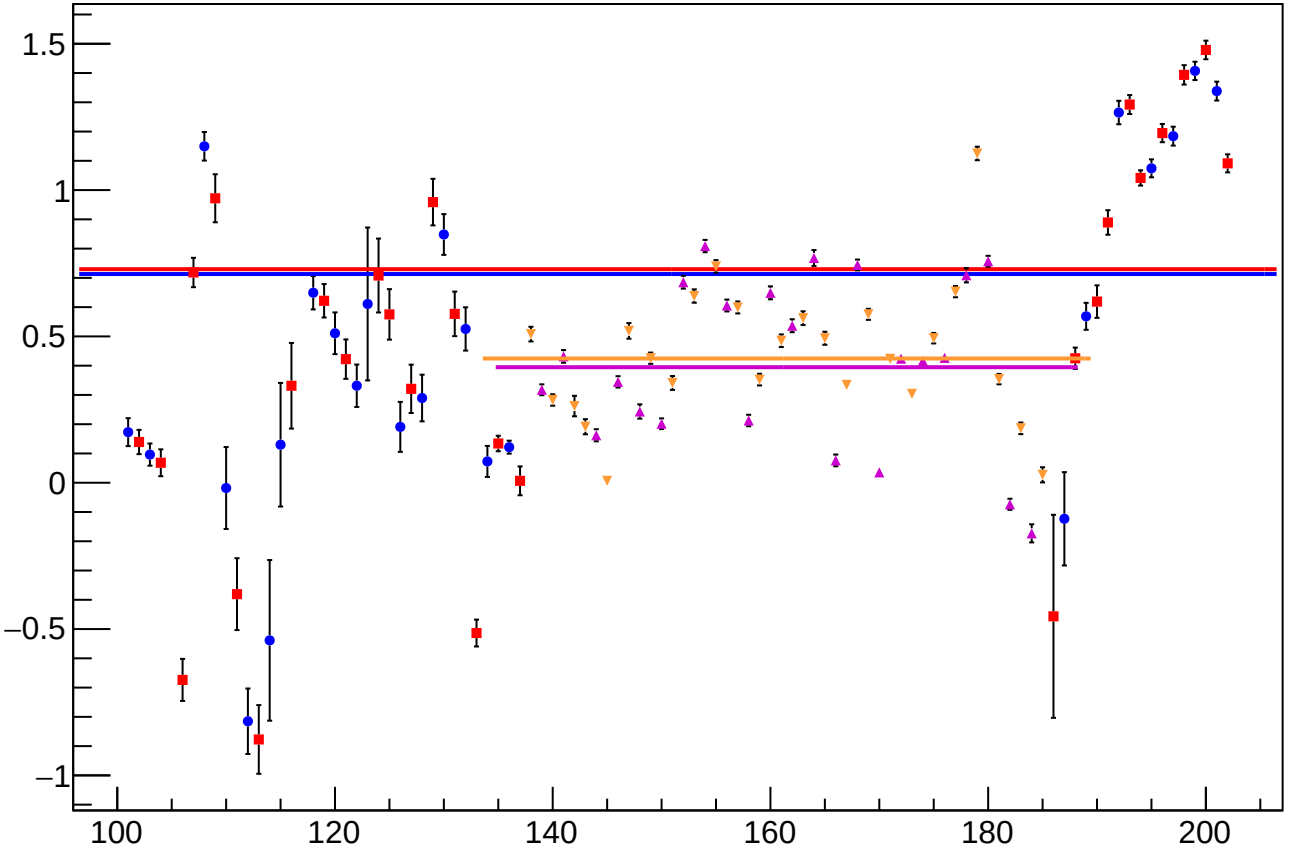
Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

+ sign -73.243+/-0.083 χ^2/NDF: 43495.7/48

All: -72.396+/-0.059 χ^2/NDF: 94908.8/99

- sign -71.537+/-0.083 χ^2/NDF: 51201.9/50

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.713+/-0.010 χ^2/NDF: 3135.6/23

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.730+/-0.009 χ^2/NDF: 4458.7/27

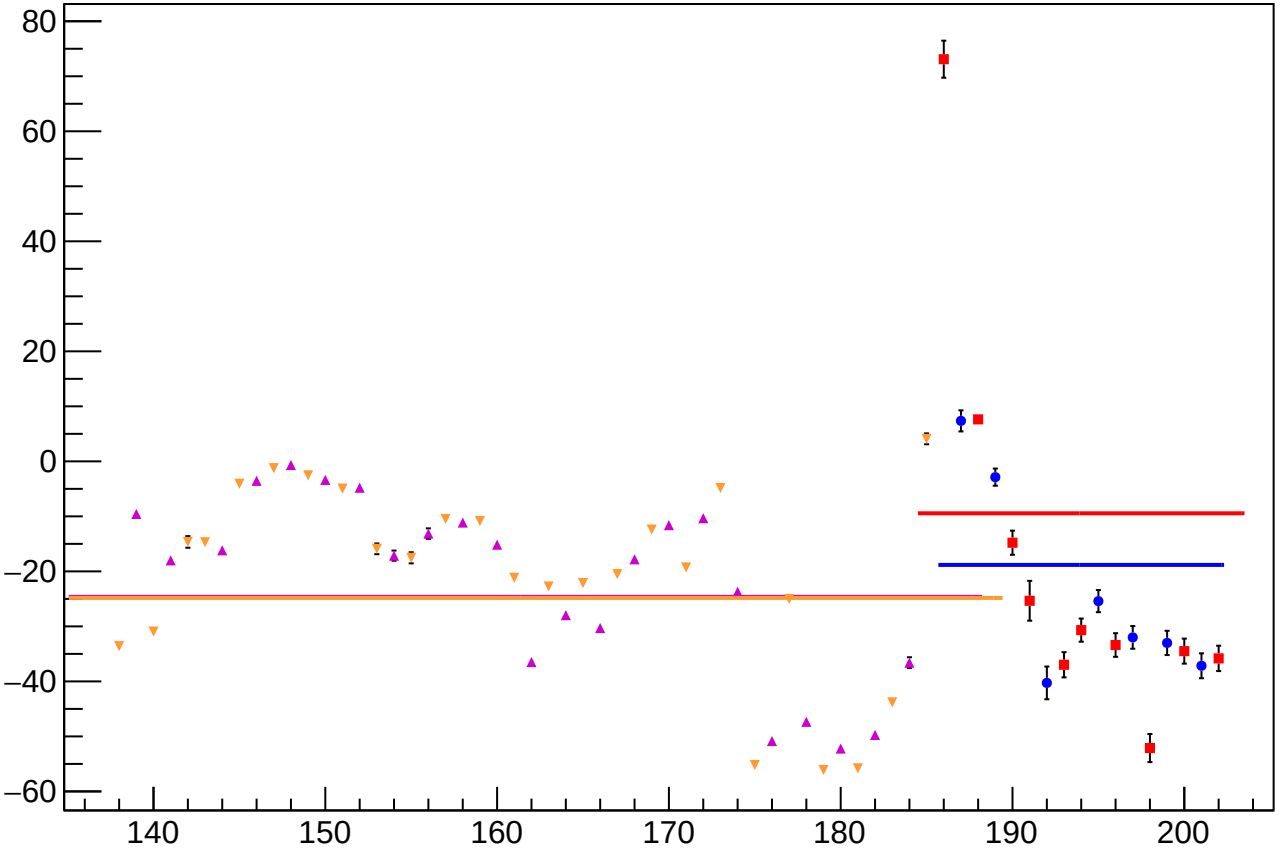
Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

+ sign 0.468+/-0.004 χ^2/NDF: 6754.5/48

All: 0.463+/-0.003 χ^2/NDF: 16514.1/99

- sign 0.458+/-0.004 χ^2/NDF: 9755.6/50

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -18.827+/-0.772 χ^2/NDF: 500.9/6

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: -9.444+/-0.568 χ^2/NDF: 1982.6/9

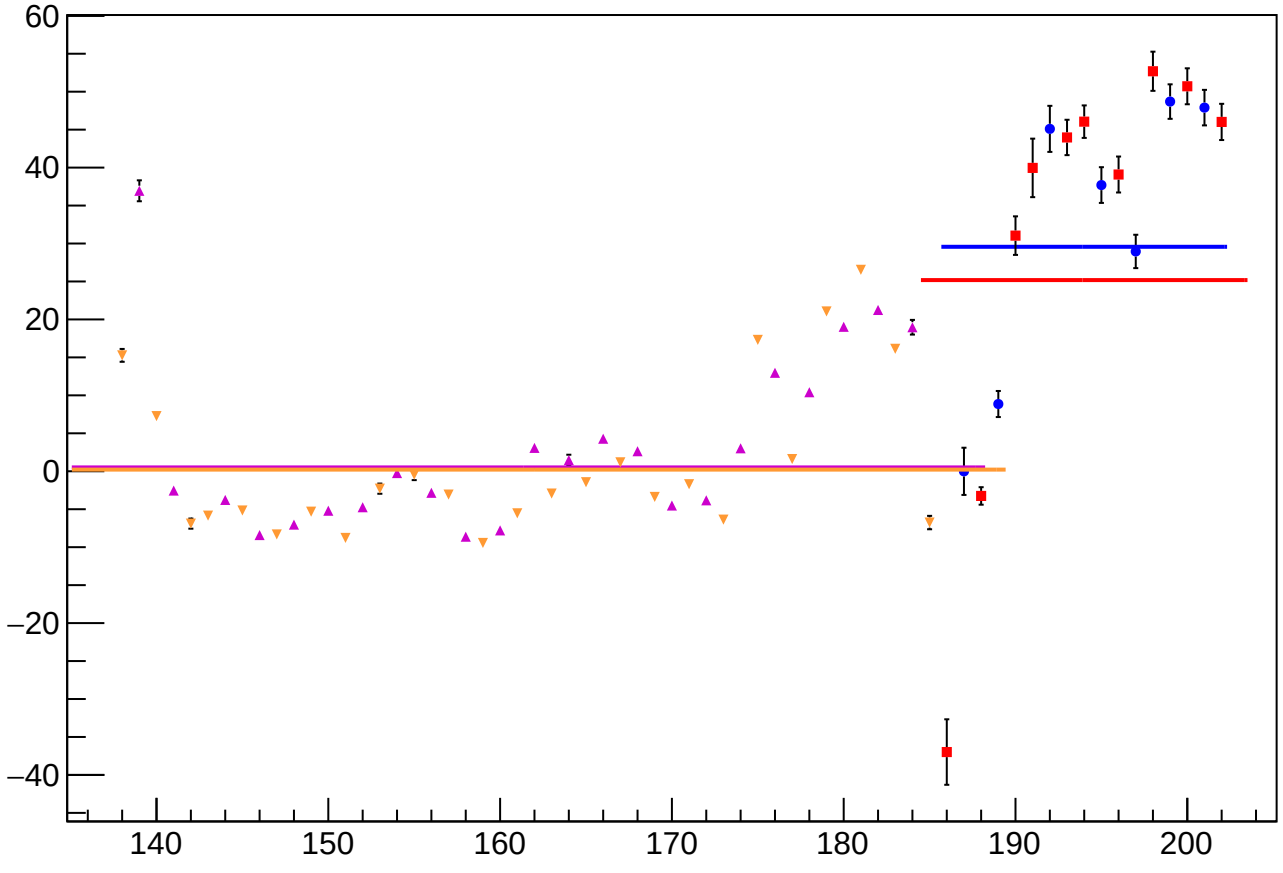
Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

+ sign -24.634+/-0.137 χ^2/NDF: 18834.0/31

All: -24.188+/-0.097 χ^2/NDF: 36458.8/64

- sign -23.741+/-0.138 χ^2/NDF: 17603.8/32

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 29.569+/-0.872 χ^2/NDF: 406.4/6

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 25.183+/-0.688 χ^2/NDF: 1337.0/9

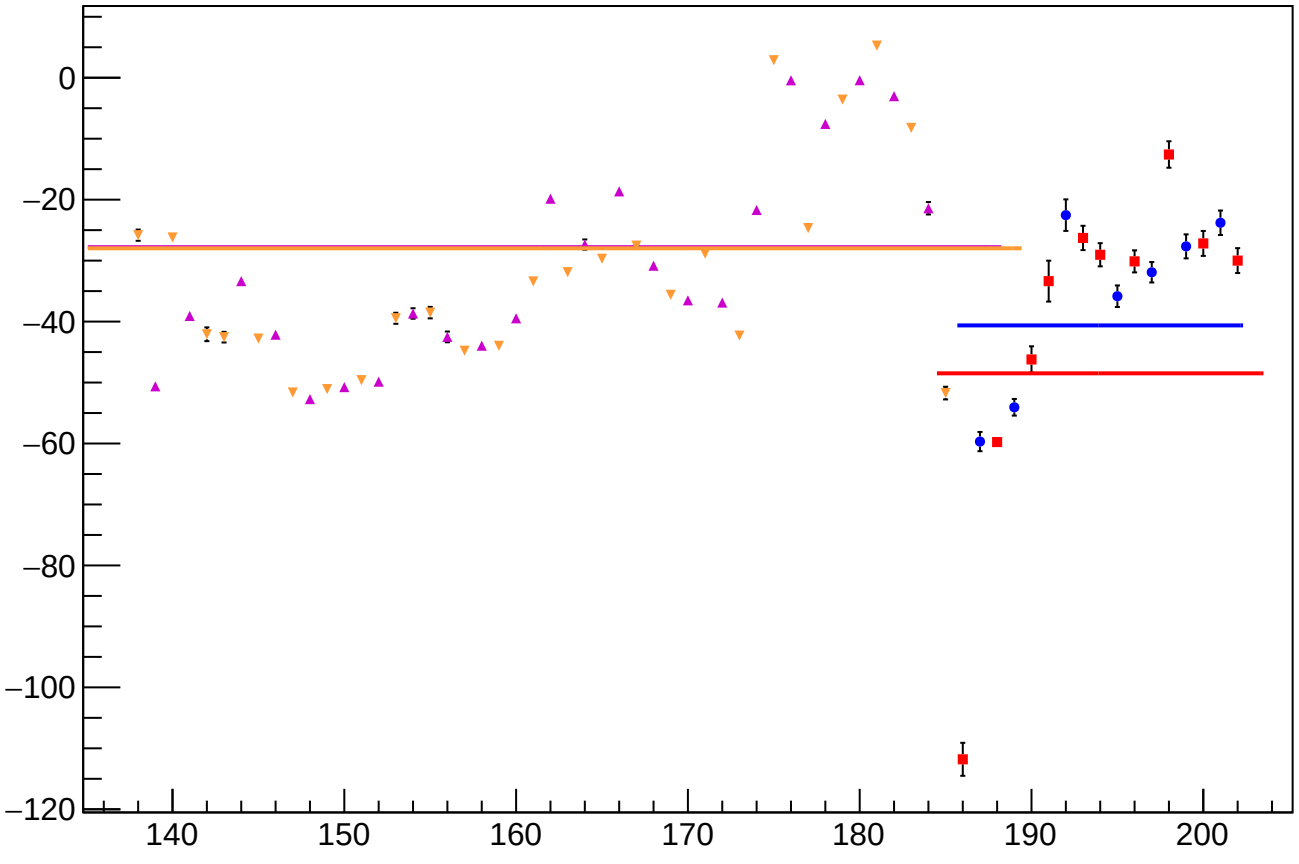
Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

+ sign 0.668+/-0.108 χ^2/NDF: 9774.7/31

All: 0.900+/-0.077 χ^2/NDF: 19002.0/64

- sign 1.142+/-0.110 χ^2/NDF: 9217.9/32

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -40.628+/-0.664 χ^2/NDF: 439.3/6

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -48.487+/-0.480 χ^2/NDF: 1667.4/9

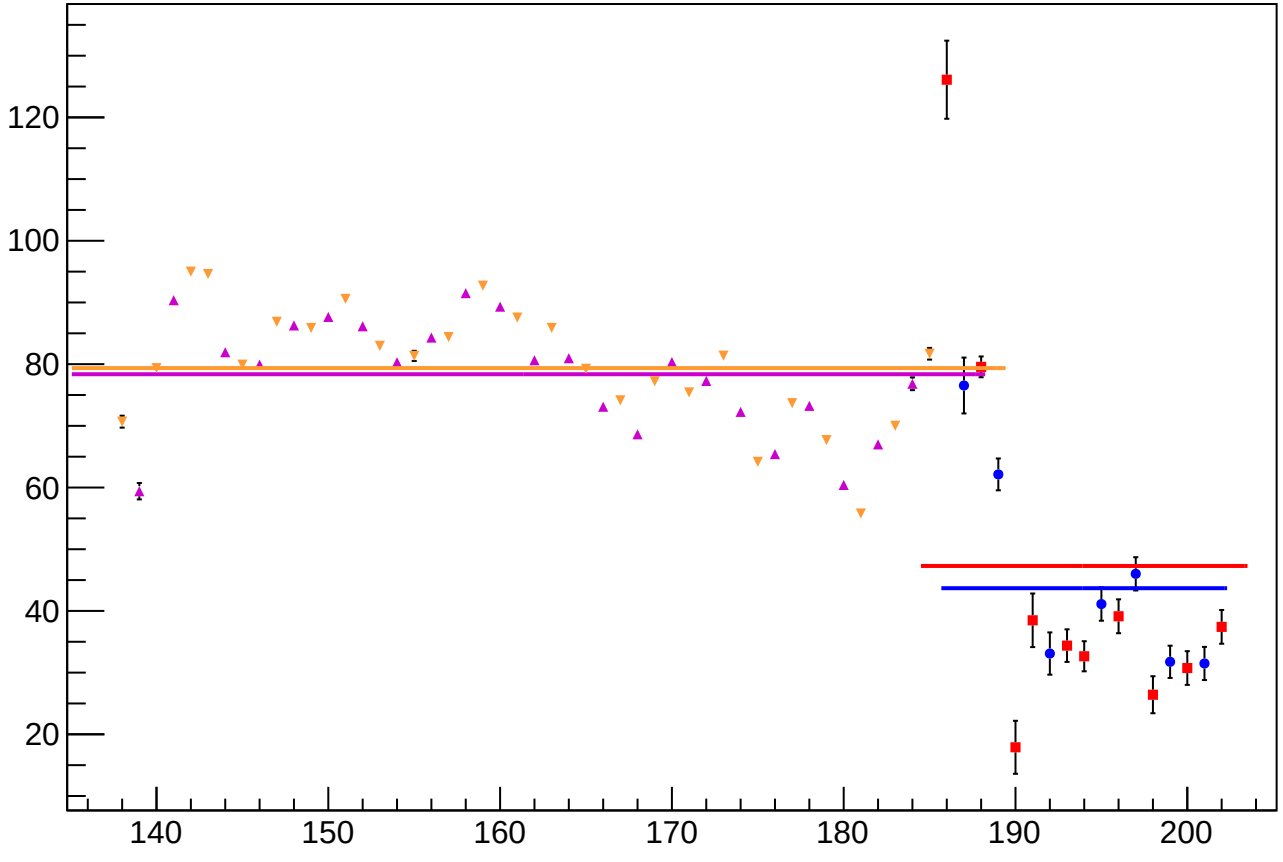
Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

+ sign -28.517+/-0.137 χ^2/NDF: 17866.1/31

All: -28.992+/-0.097 χ^2/NDF: 36462.8/64

- sign -29.460+/-0.136 χ^2/NDF: 18572.9/32

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 43.684+/-1.089 χ^2/NDF: 156.4/6

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 47.289+/-0.875 χ^2/NDF: 739.3/9

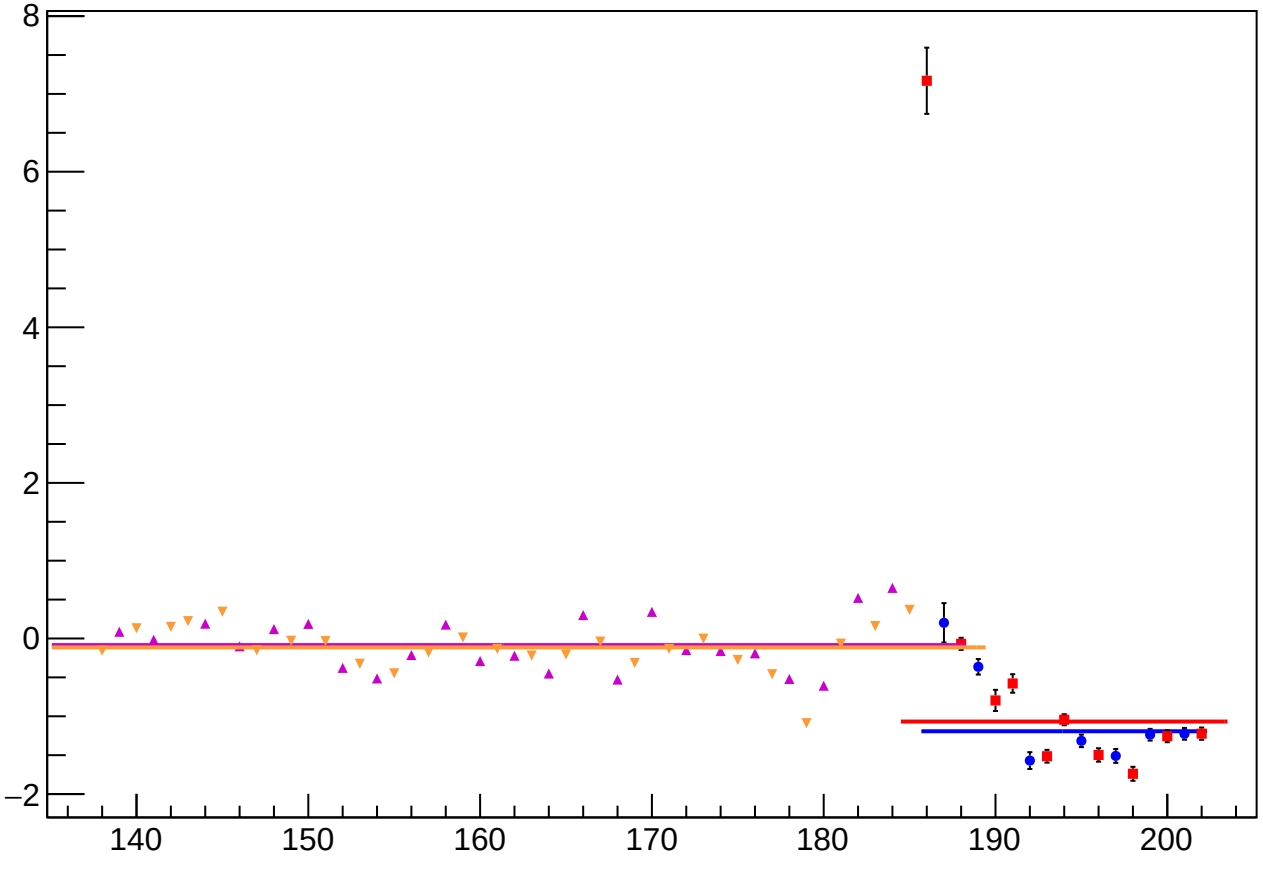
Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

+ sign 78.911+/-0.123 χ^2/NDF: 7182.3/31

All: 78.332+/-0.088 χ^2/NDF: 13939.2/64

- sign 77.732+/-0.125 χ^2/NDF: 6711.6/32

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -1.193+/-0.035 χ^2/NDF: 126.9/6

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -1.068+/-0.028 χ^2/NDF: 680.8/9

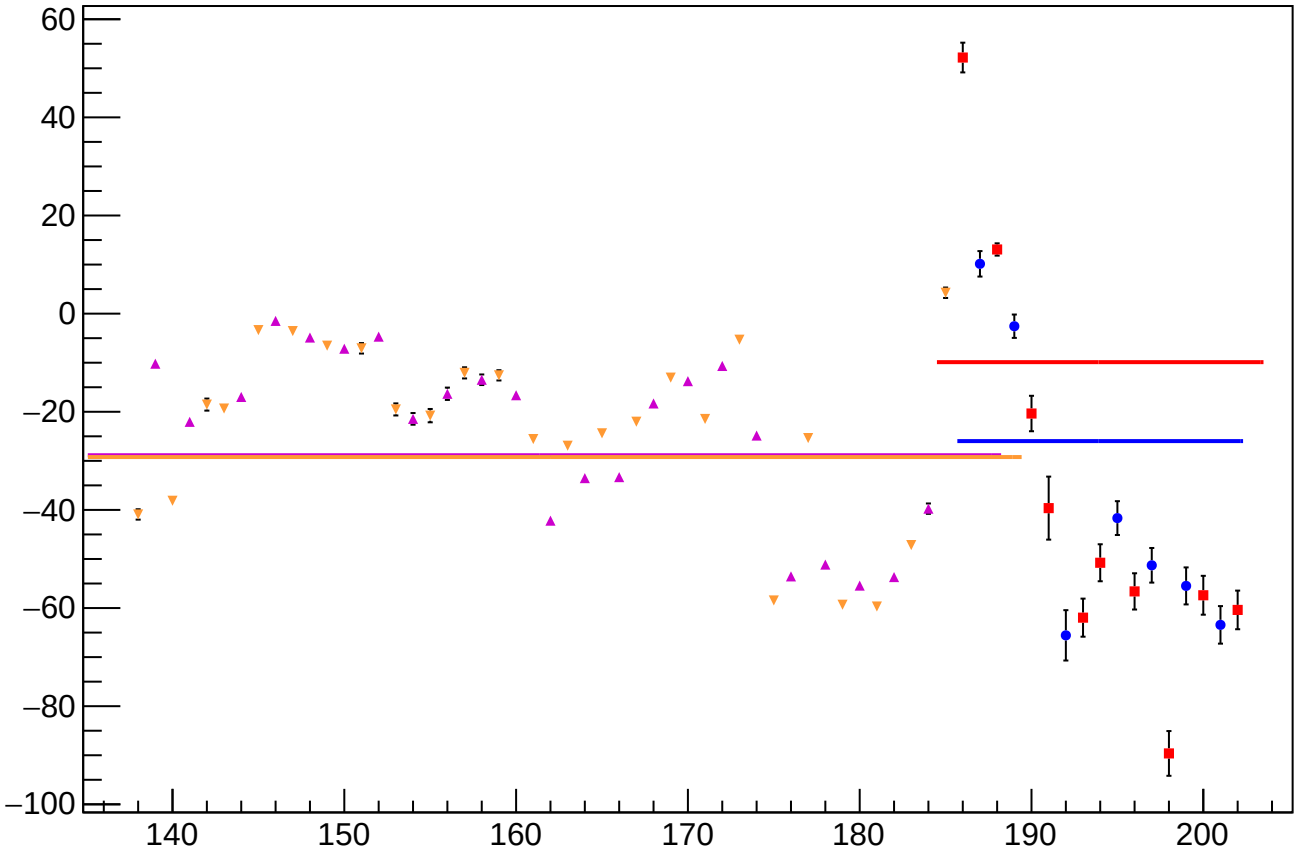
Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

+ sign -0.143+/-0.006 χ^2/NDF: 3356.5/31

All: -0.133+/-0.004 χ^2/NDF: 8335.8/64

- sign -0.124+/-0.006 χ^2/NDF: 4973.5/32

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -25.976+/-1.225 χ^2/NDF: 579.2/6

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: -9.886+/-0.900 χ^2/NDF: 1857.9/9

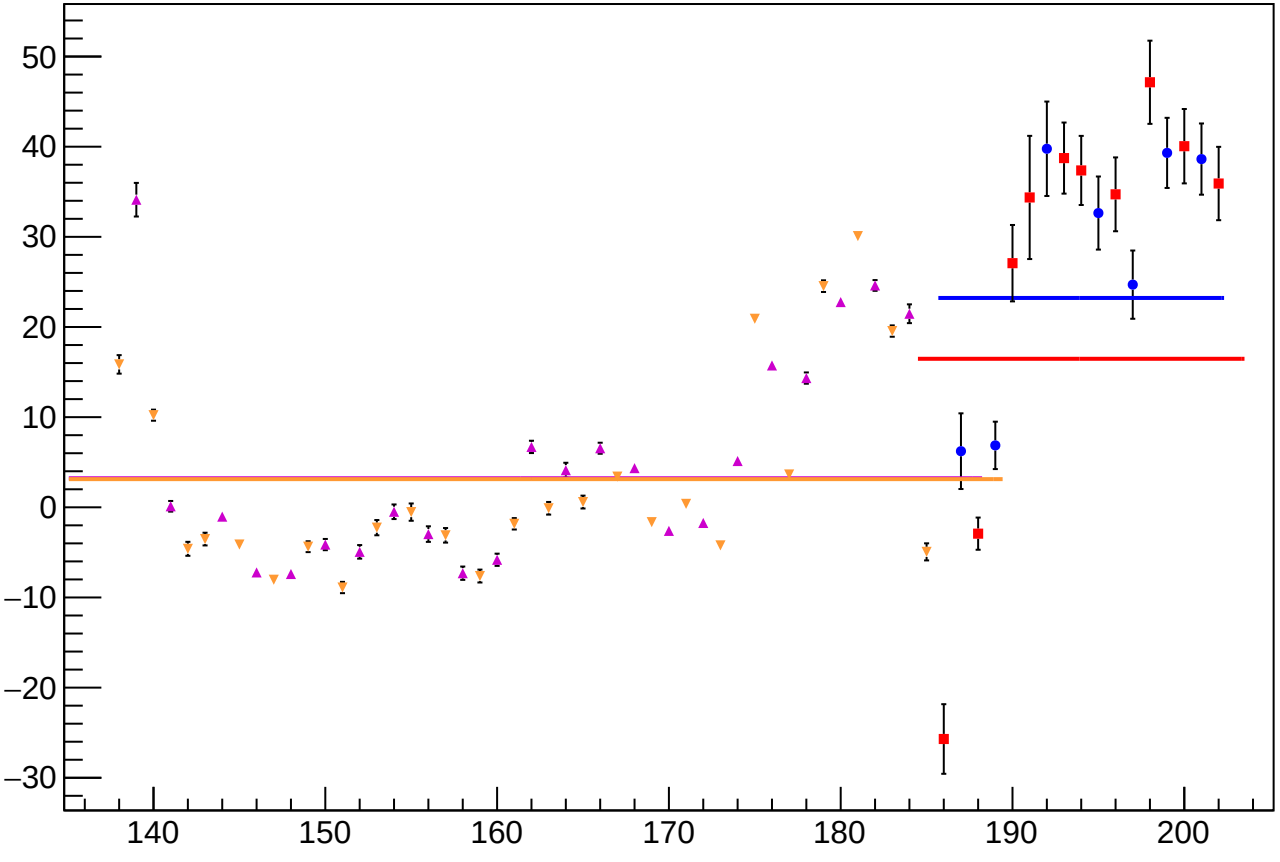
Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

+ sign -29.175+/-0.156 χ^2/NDF: 17466.1/31

All: -28.731+/-0.110 χ^2/NDF: 33324.5/64

- sign -28.283+/-0.157 χ^2/NDF: 15842.1/32

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 23.222+/-1.416 χ^2/NDF: 102.9/6

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 16.474+/-1.107 χ^2/NDF: 431.7/9

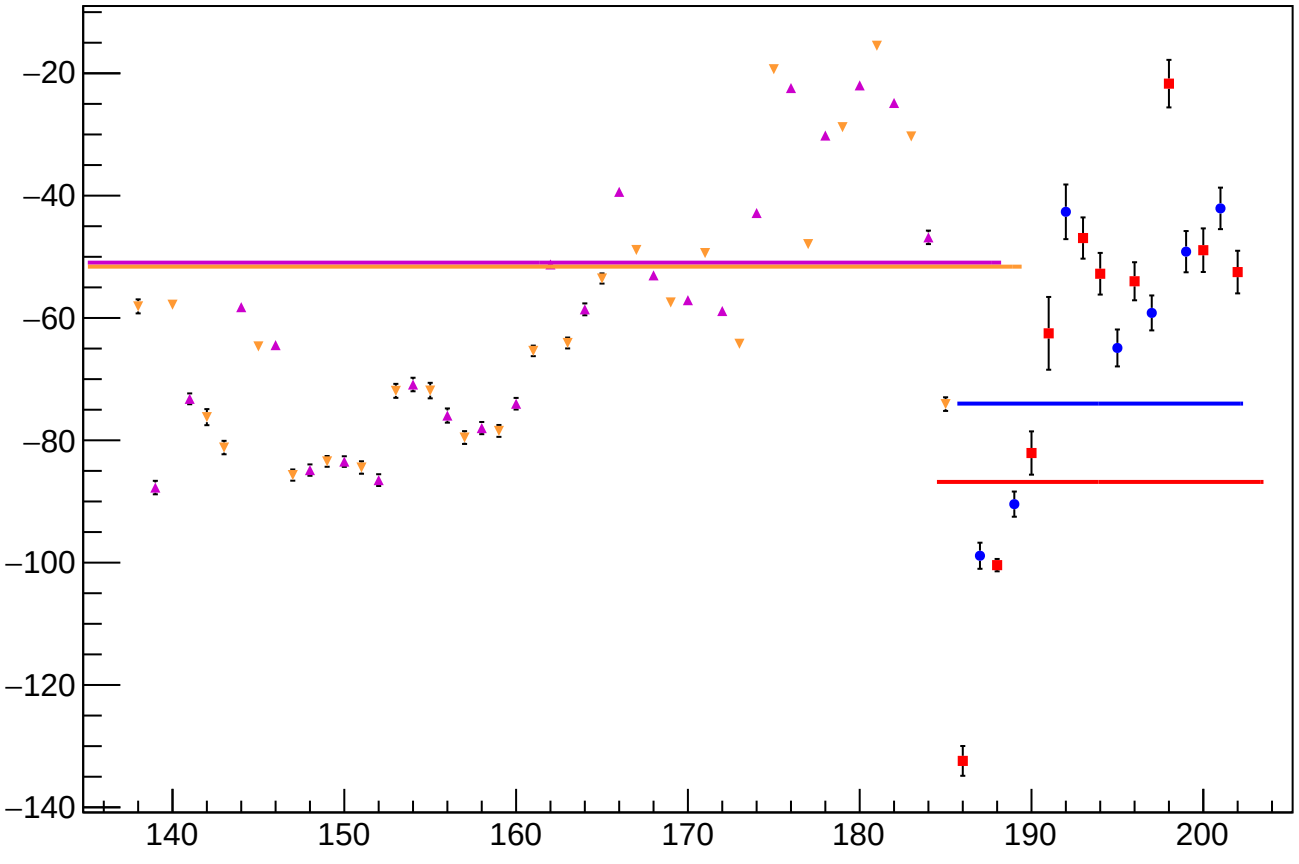
Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

+ sign 3.280+/-0.124 χ^2/NDF: 8351.9/31

All: 3.337+/-0.088 χ^2/NDF: 15199.4/64

- sign 3.395+/-0.126 χ^2/NDF: 6847.1/32

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -73.998+/-1.047 χ^2/NDF: 427.6/6

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -86.804+/-0.754 χ^2/NDF: 1391.9/9

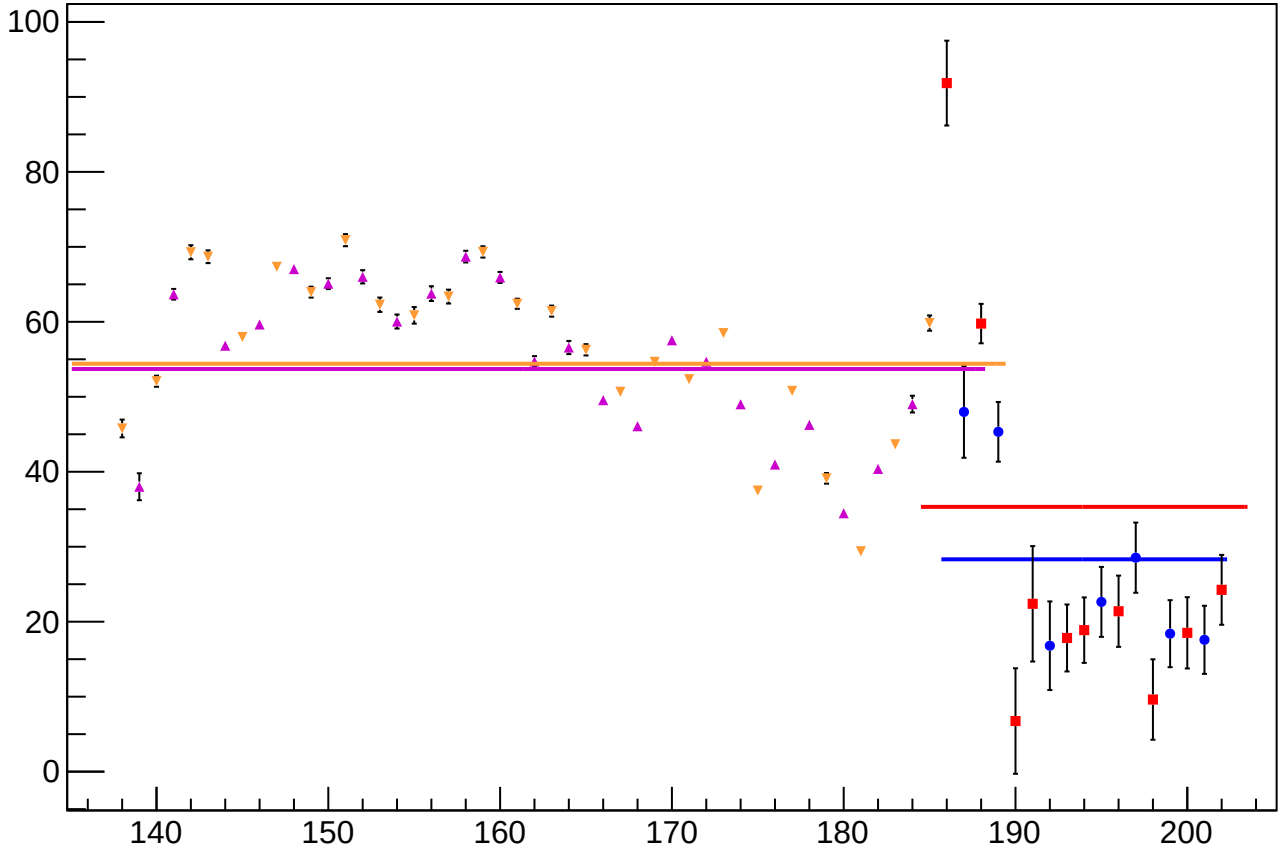
Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

+ sign -52.109+/-0.156 χ^2/NDF: 20259.8/31

All: -52.300+/-0.110 χ^2/NDF: 41292.2/64

- sign -52.490+/-0.156 χ^2/NDF: 21029.5/32

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 28.320+/-1.800 χ^2/NDF: 44.4/6

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 35.316+/-1.437 χ^2/NDF: 284.5/9

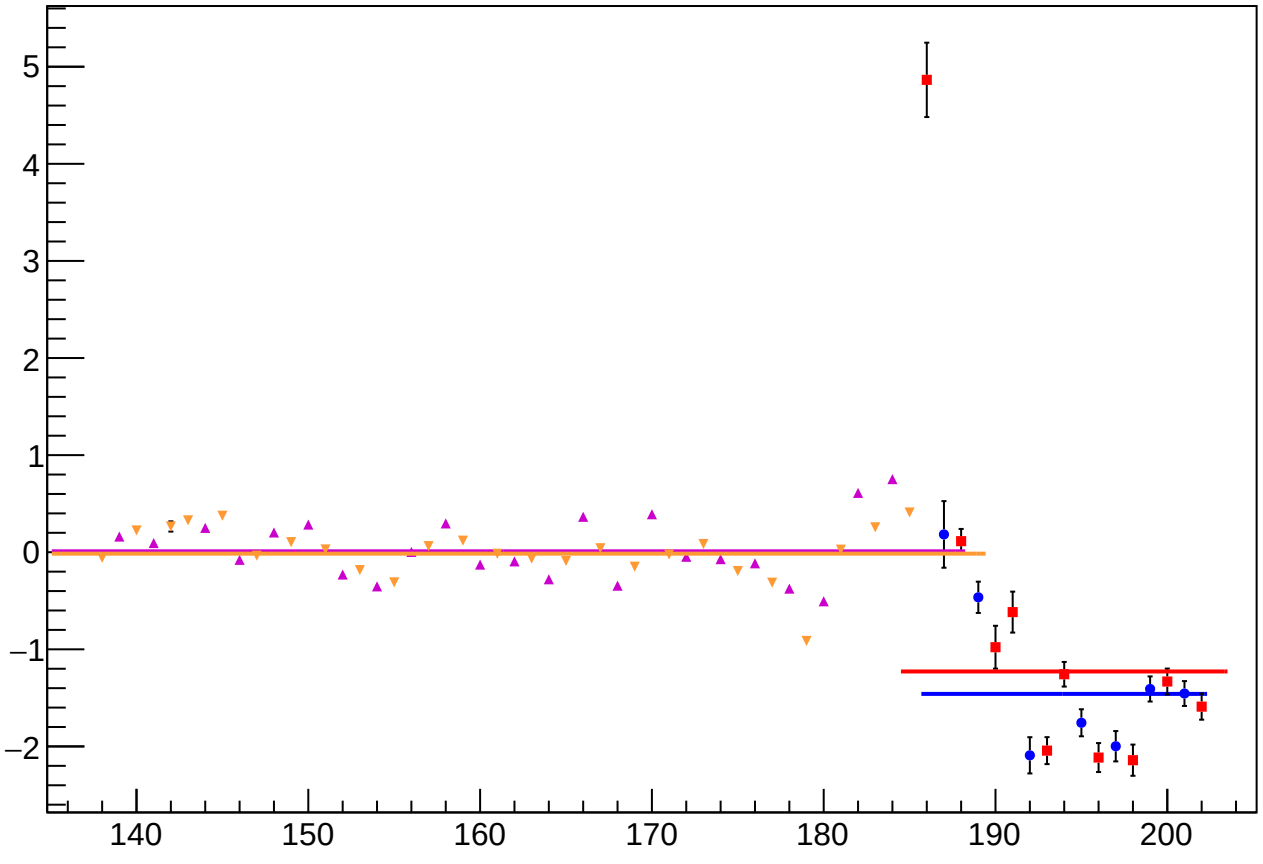
Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

+ sign 54.249+/-0.140 χ^2/NDF: 6453.5/31

All: 53.891+/-0.100 χ^2/NDF: 11516.9/64

- sign 53.524+/-0.142 χ^2/NDF: 5050.2/32

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -1.459+/-0.059 χ^2/NDF: 89.2/6

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -1.228+/-0.049 χ^2/NDF: 486.7/9

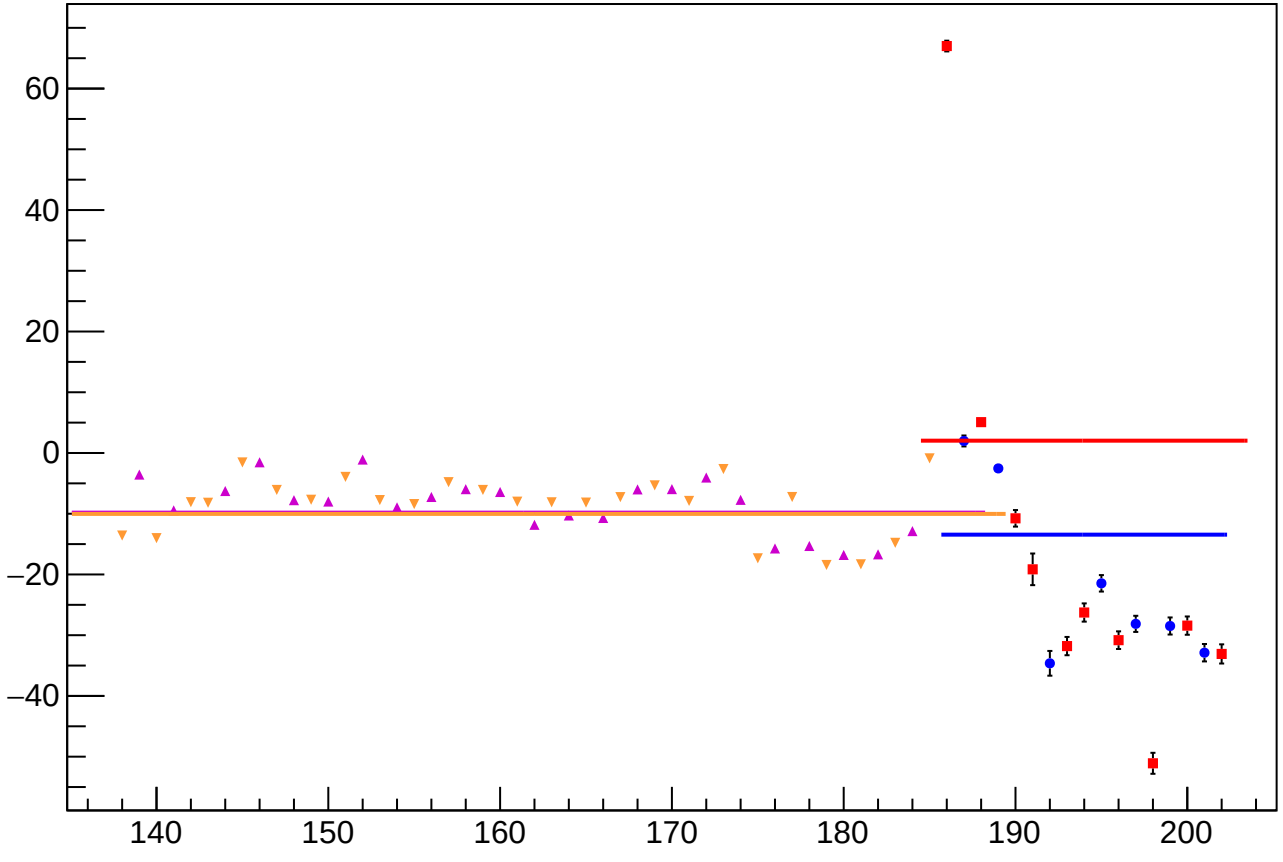
Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

+ sign -0.032+/-0.006 χ^2/NDF: 2331.4/31

All: -0.022+/-0.005 χ^2/NDF: 5686.8/64

- sign -0.012+/-0.006 χ^2/NDF: 3350.8/32

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -13.446+/-0.446 χ^2/NDF: 1028.9/6

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 2.029+/-0.324 χ^2/NDF: 8812.8/9

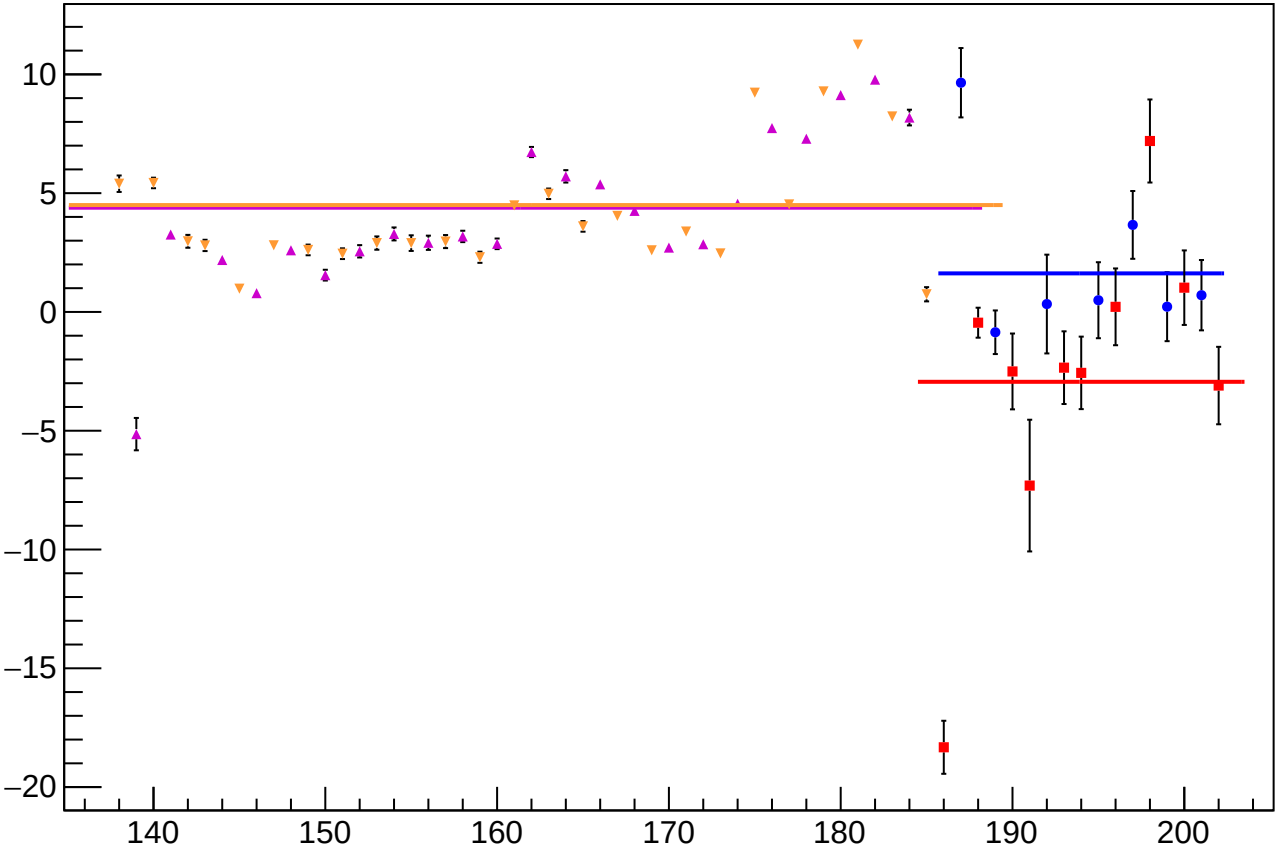
Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

+ sign -10.073+/-0.050 χ^2/NDF: 13617.0/31

All: -9.803+/-0.036 χ^2/NDF: 33262.2/64

- sign -9.531+/-0.051 χ^2/NDF: 19587.6/32

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 1.623+/-0.520 χ^2/NDF: 41.8/6

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -2.941+/-0.402 χ^2/NDF: 252.1/9

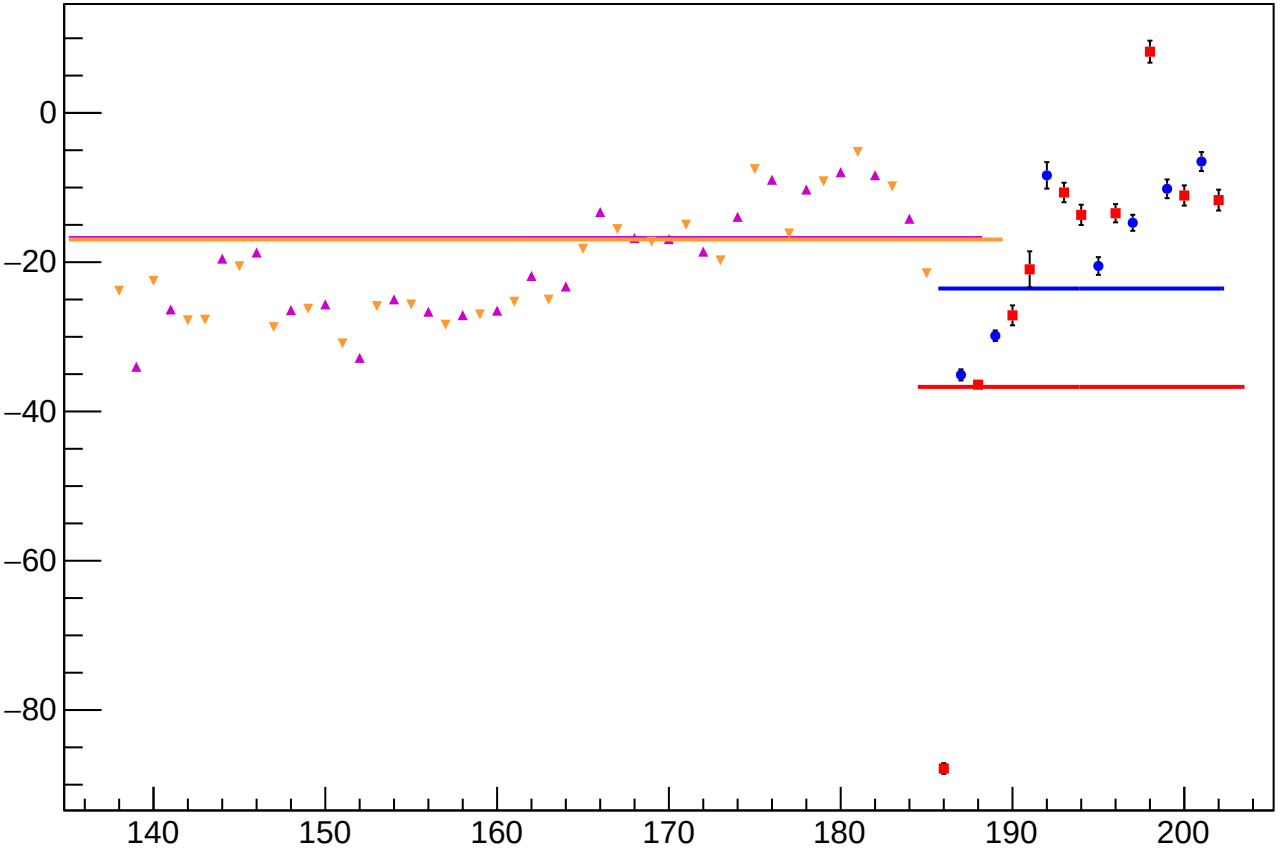
Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

+ sign 4.481+/-0.041 χ^2/NDF: 4881.5/31

All: 4.397+/-0.029 χ^2/NDF: 9737.6/64

- sign 4.312+/-0.041 χ^2/NDF: 4847.5/32

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -23.530+/-0.379 χ^2/NDF: 761.1/6

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -36.706+/-0.270 χ^2/NDF: 7922.2/9

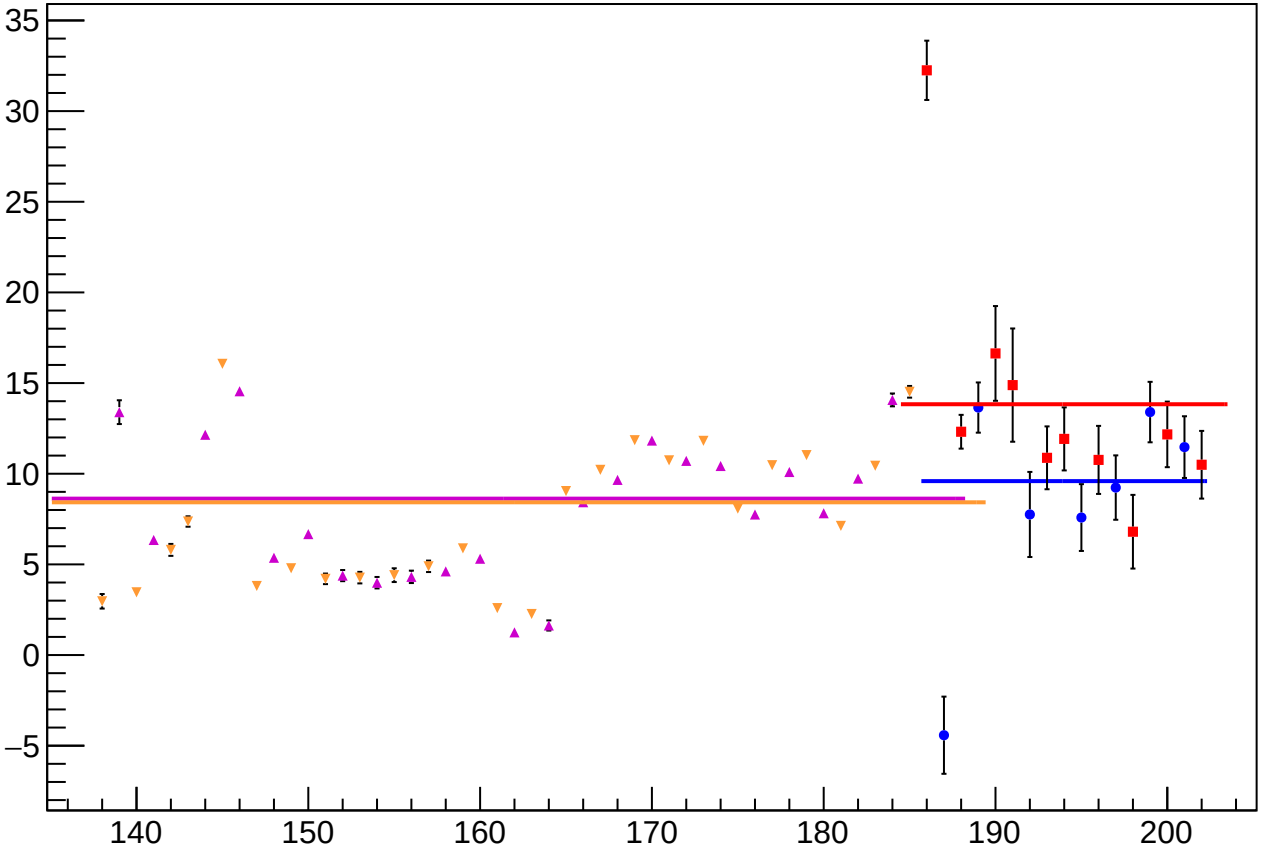
Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

+ sign -17.082+/-0.051 χ^2/NDF: 22957.2/31

All: -17.273+/-0.036 χ^2/NDF: 55227.3/64

- sign -17.462+/-0.050 χ^2/NDF: 32241.8/32

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 9.593+/-0.668 χ^2/NDF: 60.2/6

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 13.833+/-0.530 χ^2/NDF: 153.6/9

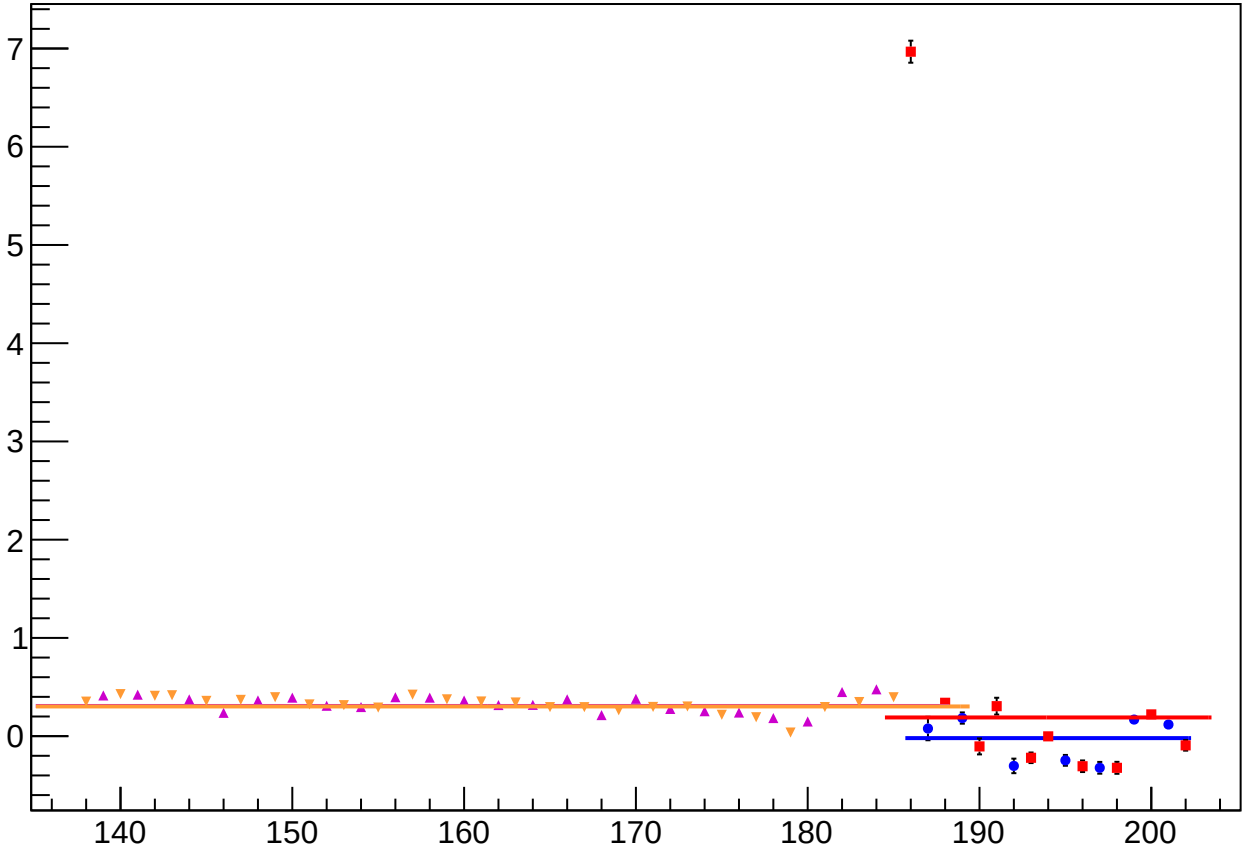
Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

+ sign 8.429+/-0.046 χ^2/NDF: 6541.9/31

All: 8.546+/-0.032 χ^2/NDF: 12336.3/64

- sign 8.665+/-0.046 χ^2/NDF: 5781.2/32

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: -0.020+/-0.022 χ^2/NDF: 94.1/6

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.190+/-0.019 χ^2/NDF: 3918.1/9

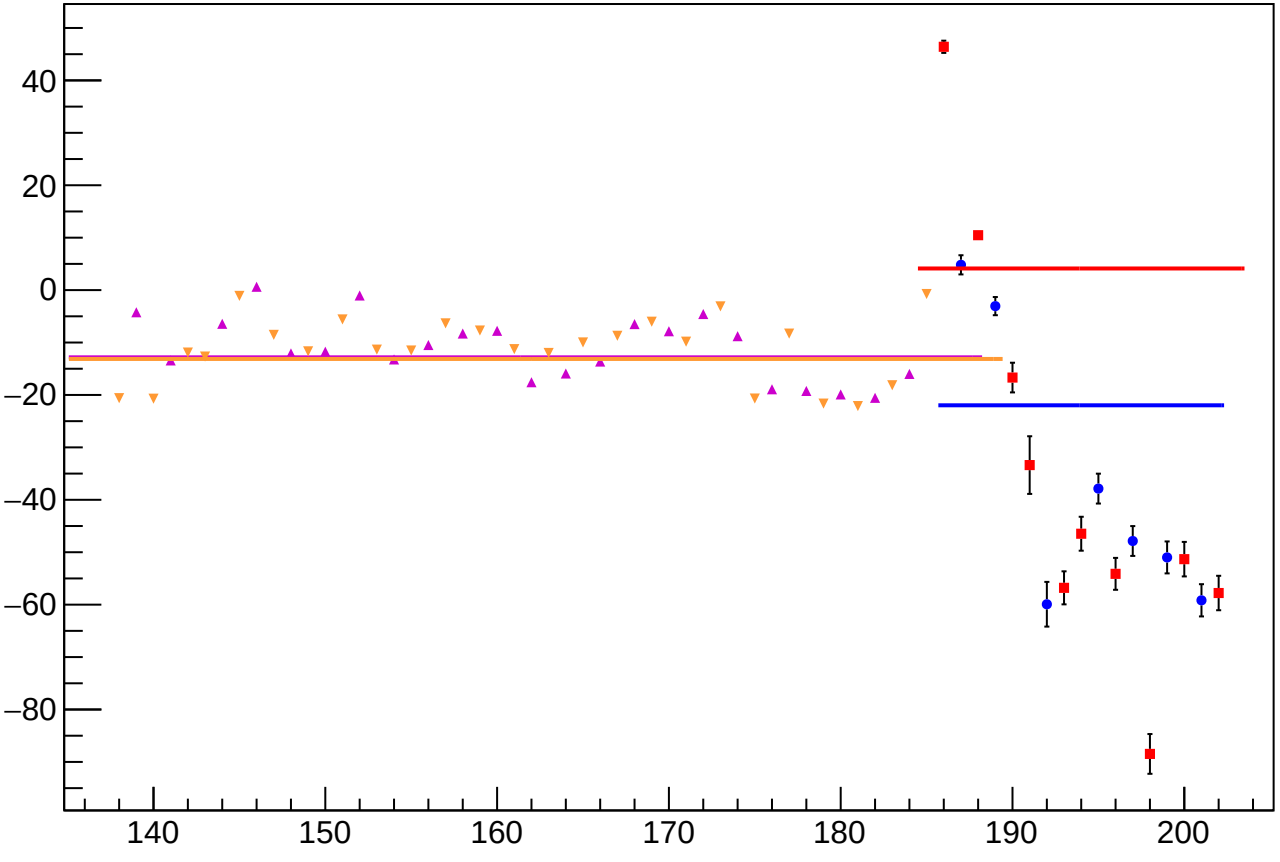
Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

+ sign 0.299+/-0.002 χ^2/NDF: 1893.2/31

All: 0.303+/-0.001 χ^2/NDF: 7571.5/64

- sign 0.306+/-0.002 χ^2/NDF: 5674.0/32

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -21.974+/-0.934 χ^2/NDF: 763.9/6

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 4.124+/-0.620 χ^2/NDF: 3680.4/9

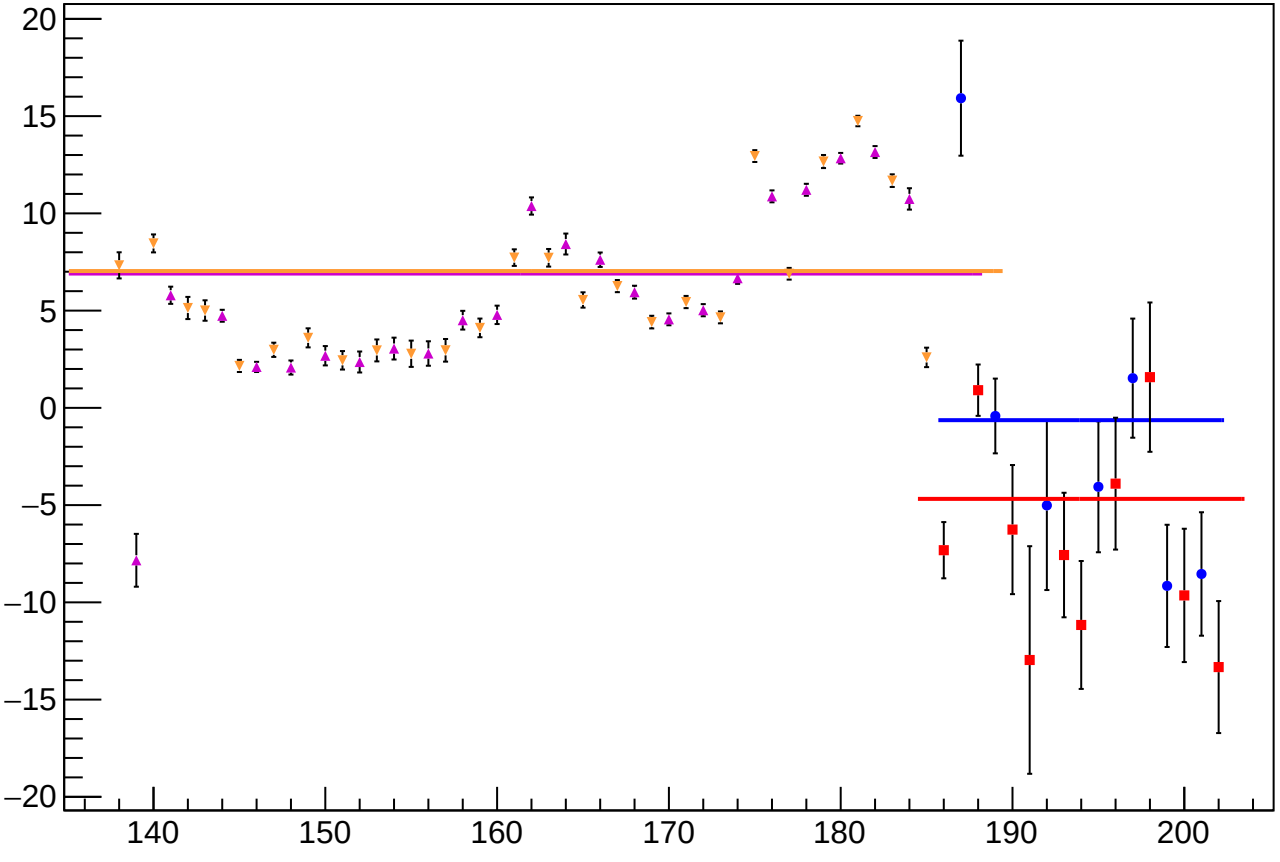
Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

+ sign -13.221+/-0.093 χ^2/NDF: 6827.1/31

All: -12.830+/-0.066 χ^2/NDF: 16114.5/64

- sign -12.436+/-0.094 χ^2/NDF: 9252.2/32

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: -0.633+/-1.095 χ^2/NDF: 47.5/6

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -4.680+/-0.769 χ^2/NDF: 39.5/9

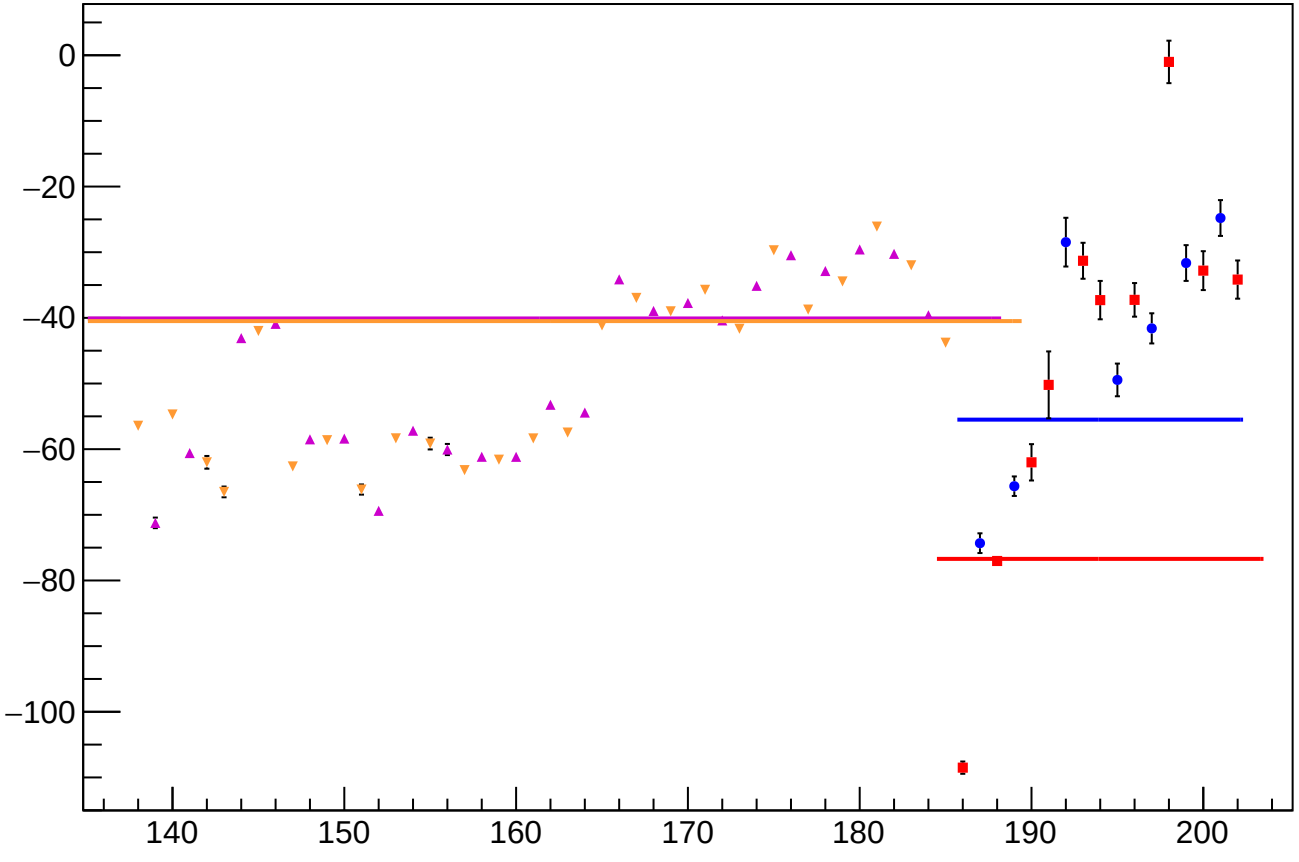
Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

+ sign 6.996+/-0.077 χ^2/NDF: 2753.7/31

All: 6.893+/-0.055 χ^2/NDF: 5464.1/64

- sign 6.790+/-0.077 χ^2/NDF: 2706.9/32

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -55.502+/-0.794 χ^2/NDF: 502.2/6

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -76.711+/-0.512 χ^2/NDF: 2885.8/9

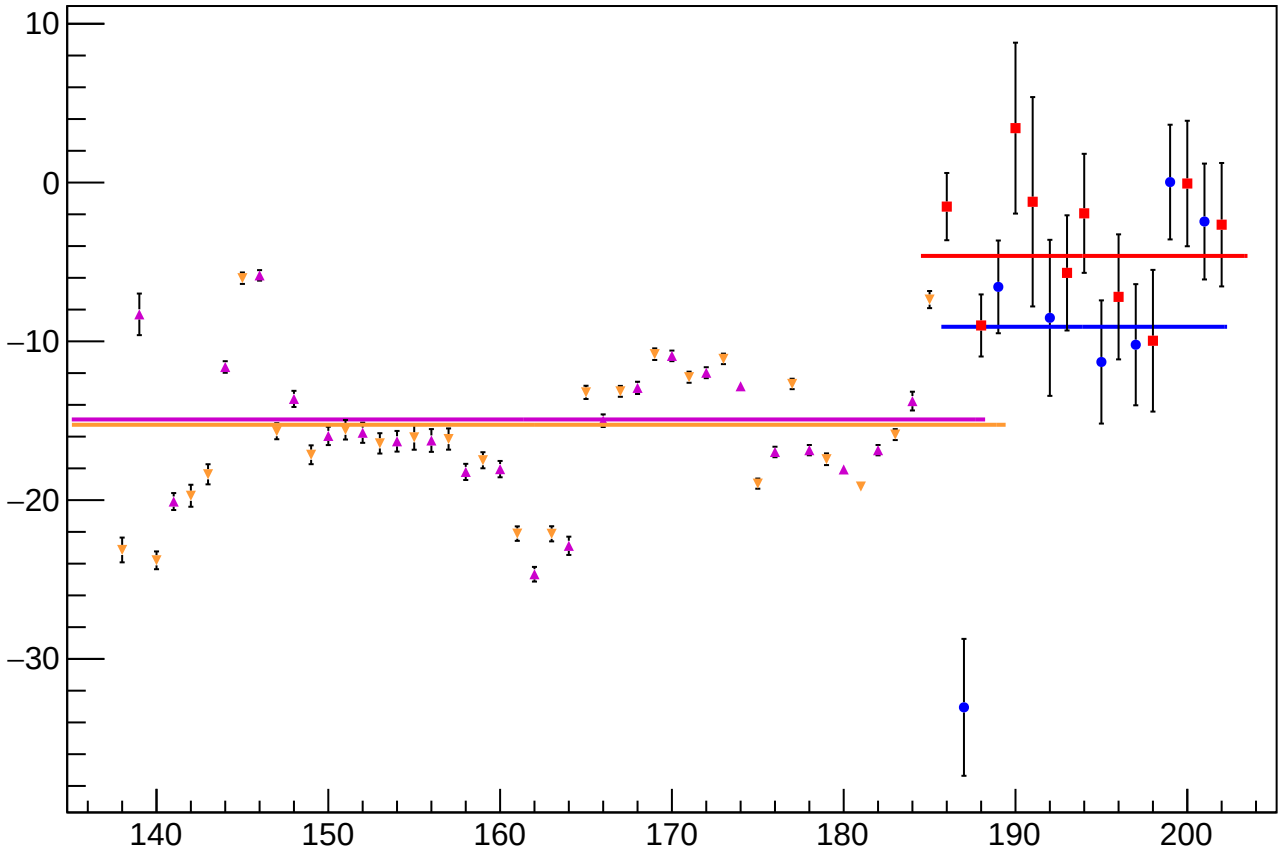
Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

+ sign -40.704+/-0.094 χ^2/NDF: 16289.9/31

All: -41.011+/-0.066 χ^2/NDF: 38242.3/64

- sign -41.316+/-0.094 χ^2/NDF: 21931.2/32

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -9.083+/-1.415 χ^2/NDF: 41.7/6

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -4.620+/-1.035 χ^2/NDF: 13.7/9

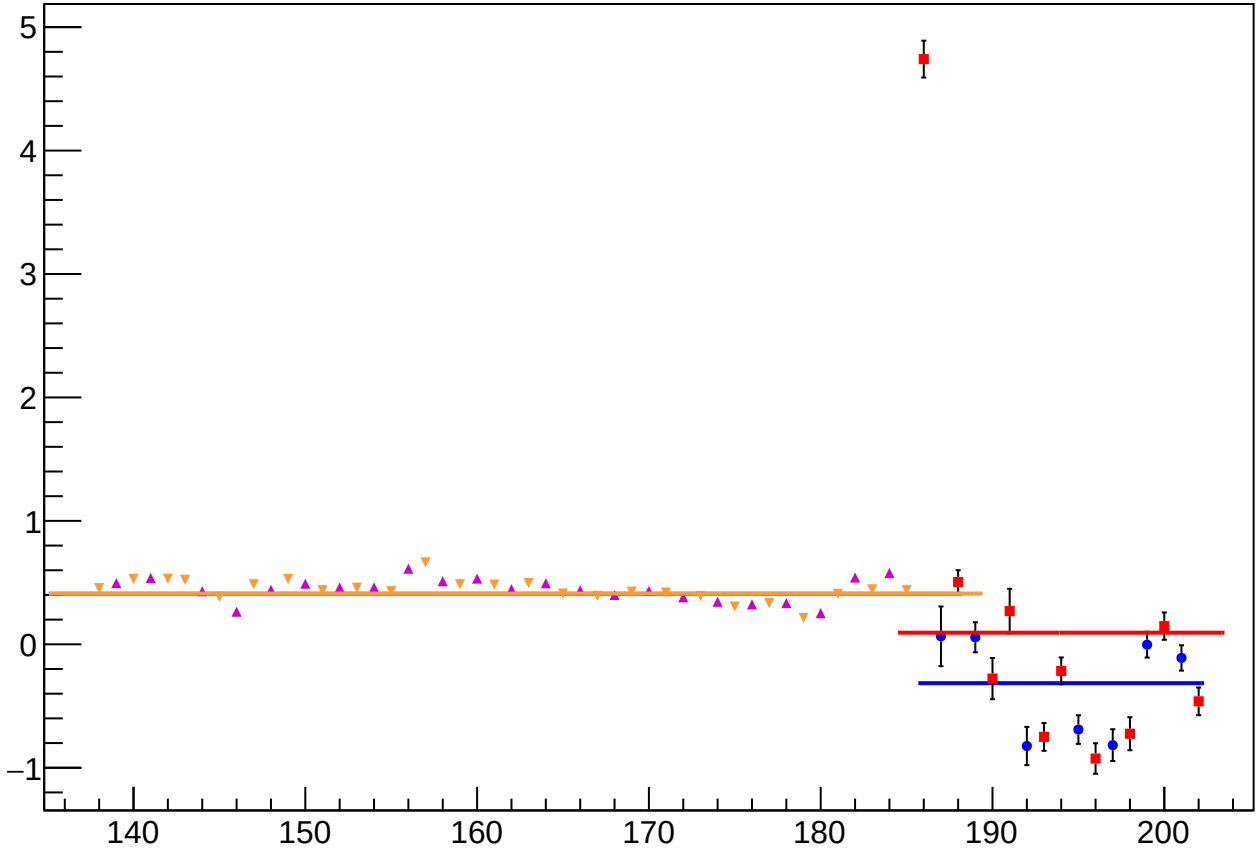
Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

+ sign -15.232+/-0.086 χ^2/NDF: 2655.1/31

All: -15.040+/-0.061 χ^2/NDF: 4984.9/64

- sign -14.848+/-0.086 χ^2/NDF: 2319.9/32

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.315+/-0.047 χ^2/NDF: 61.1/6

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.094+/-0.039 χ^2/NDF: 1186.6/9

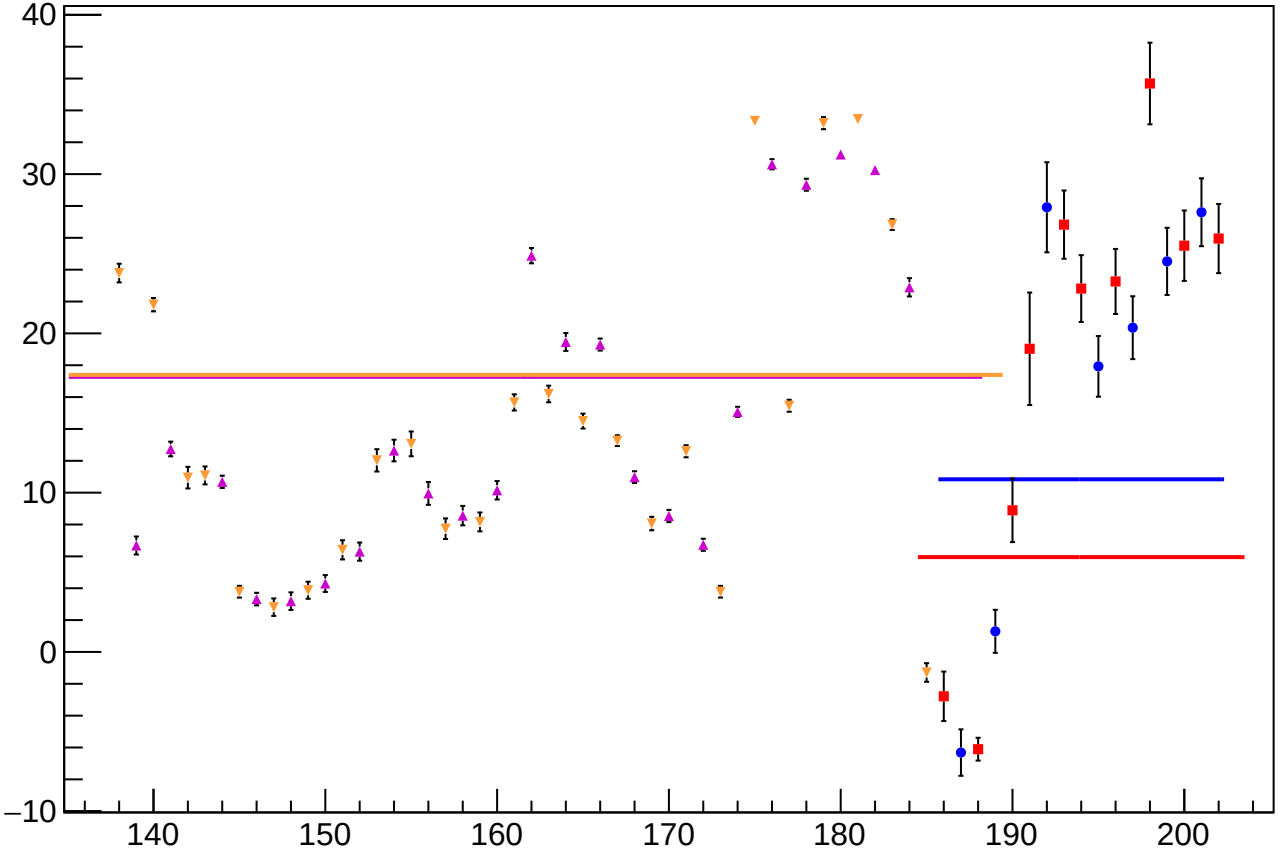
Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

+ sign 0.406+/-0.004 χ^2/NDF: 723.9/31

All: 0.406+/-0.003 χ^2/NDF: 2537.9/64

- sign 0.406+/-0.004 χ^2/NDF: 1814.0/32

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 10.838+/-0.687 χ^2/NDF: 365.7/6

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: 5.953+/-0.503 χ^2/NDF: 859.7/9

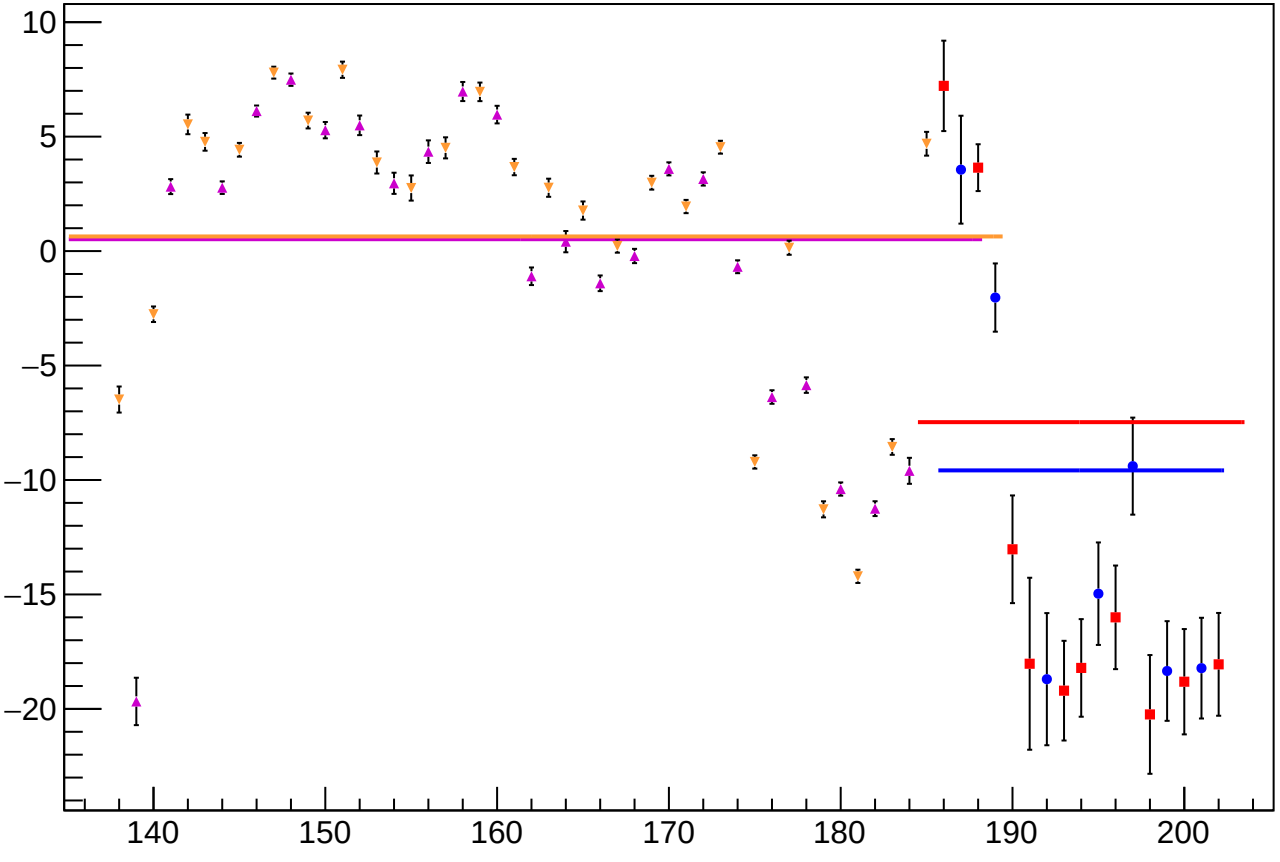
Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

+ sign 17.289+/-0.087 χ^2/NDF: 16761.1/31

All: 17.112+/-0.061 χ^2/NDF: 31011.6/64

- sign 16.932+/-0.087 χ^2/NDF: 14242.1/32

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -9.581+/-0.793 χ^2/NDF: 104.1/6

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -7.473+/-0.617 χ^2/NDF: 326.2/9

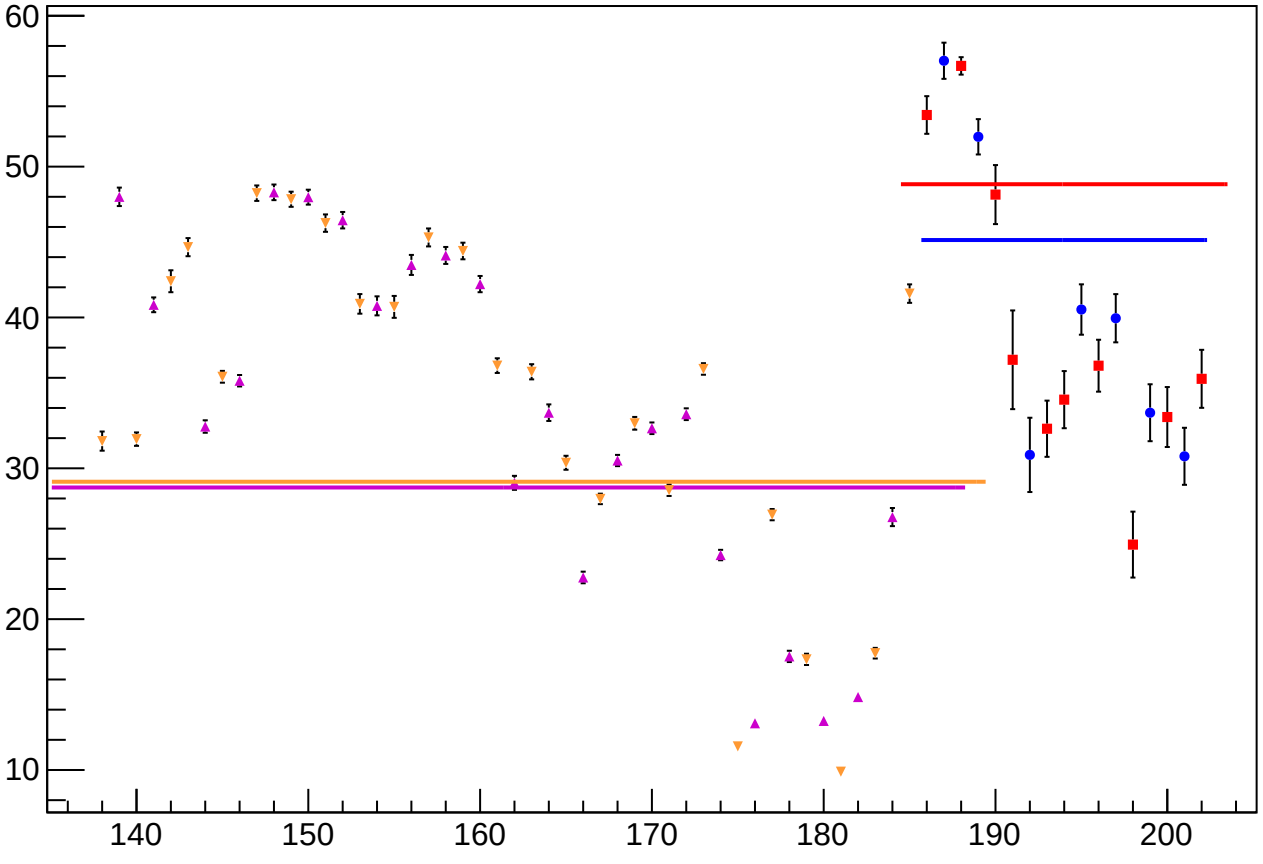
Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

+ sign 0.561+/-0.069 χ^2/NDF: 8783.7/31

All: 0.490+/-0.049 χ^2/NDF: 16054.5/64

- sign 0.416+/-0.070 χ^2/NDF: 7268.6/32

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 45.134+/-0.587 χ^2/NDF: 278.3/6

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 48.834+/-0.422 χ^2/NDF: 616.4/9

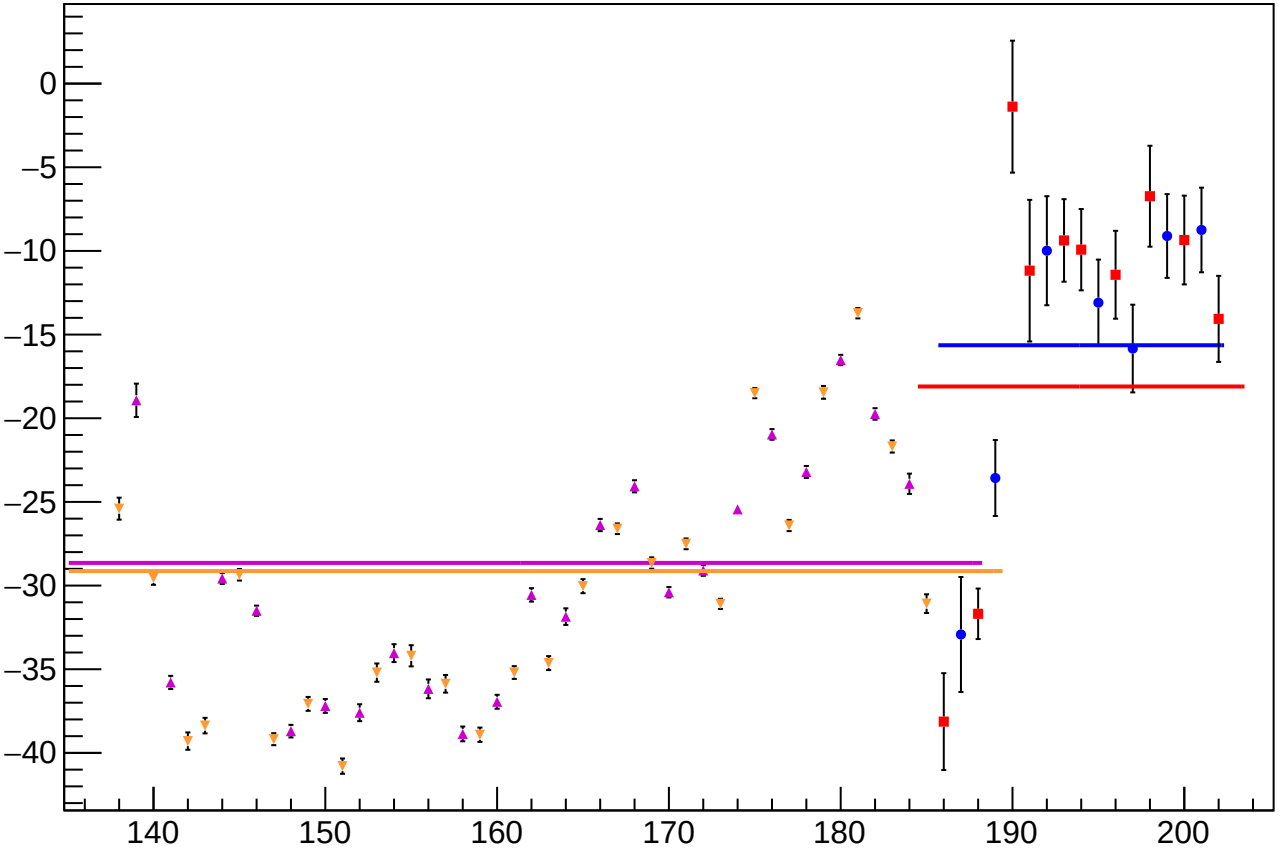
Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

+ sign 29.461+/-0.087 χ^2/NDF: 19852.4/31

All: 29.521+/-0.061 χ^2/NDF: 39683.2/64

- sign 29.581+/-0.087 χ^2/NDF: 19829.9/32

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -15.637+/-1.007 χ^2/NDF: 55.8/6

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -18.102+/-0.800 χ^2/NDF: 207.5/9

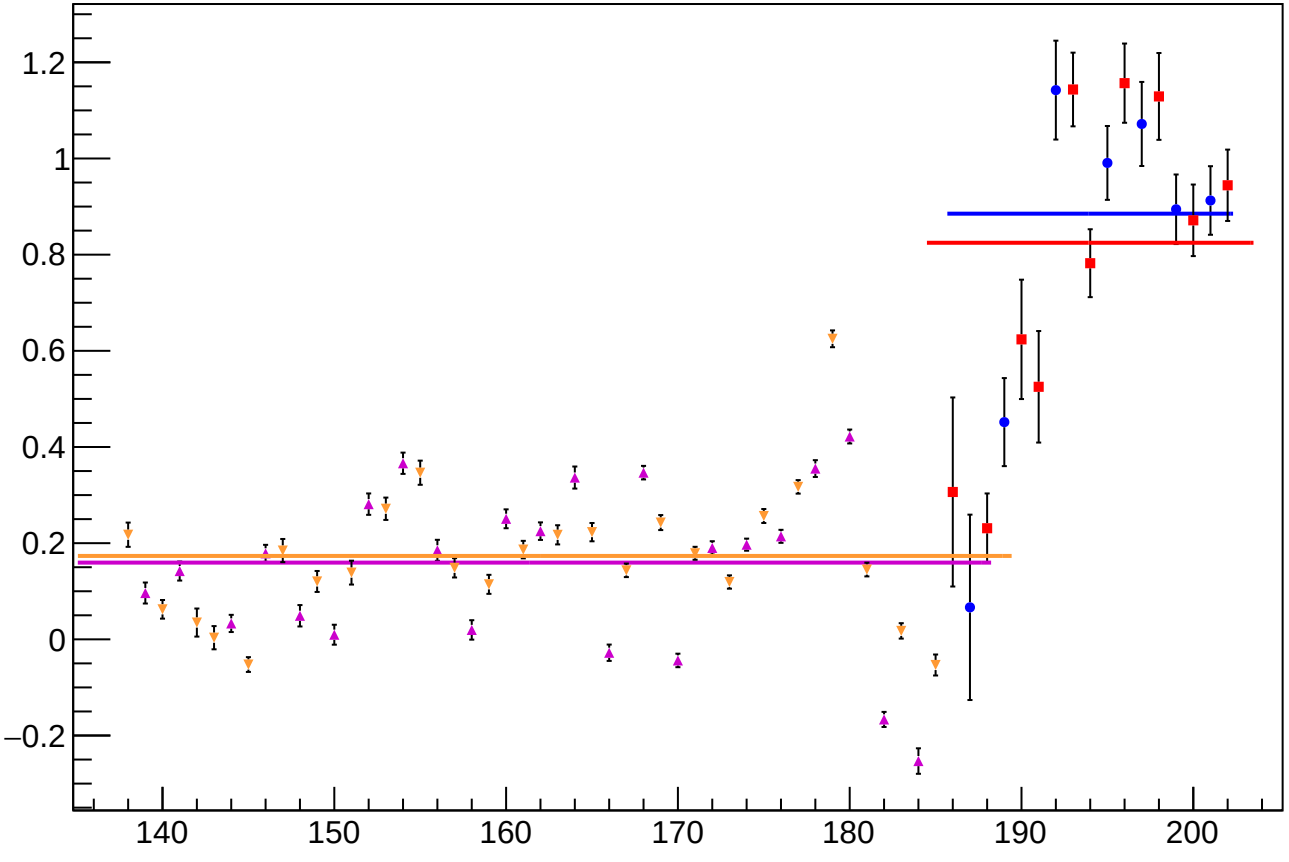
Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

+ sign -29.053+/-0.078 χ^2/NDF: 9232.2/31

All: -28.801+/-0.056 χ^2/NDF: 16326.1/64

- sign -28.542+/-0.079 χ^2/NDF: 7072.7/32

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.885+/-0.033 χ^2/NDF: 53.3/6

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.825+/-0.027 χ^2/NDF: 131.9/9

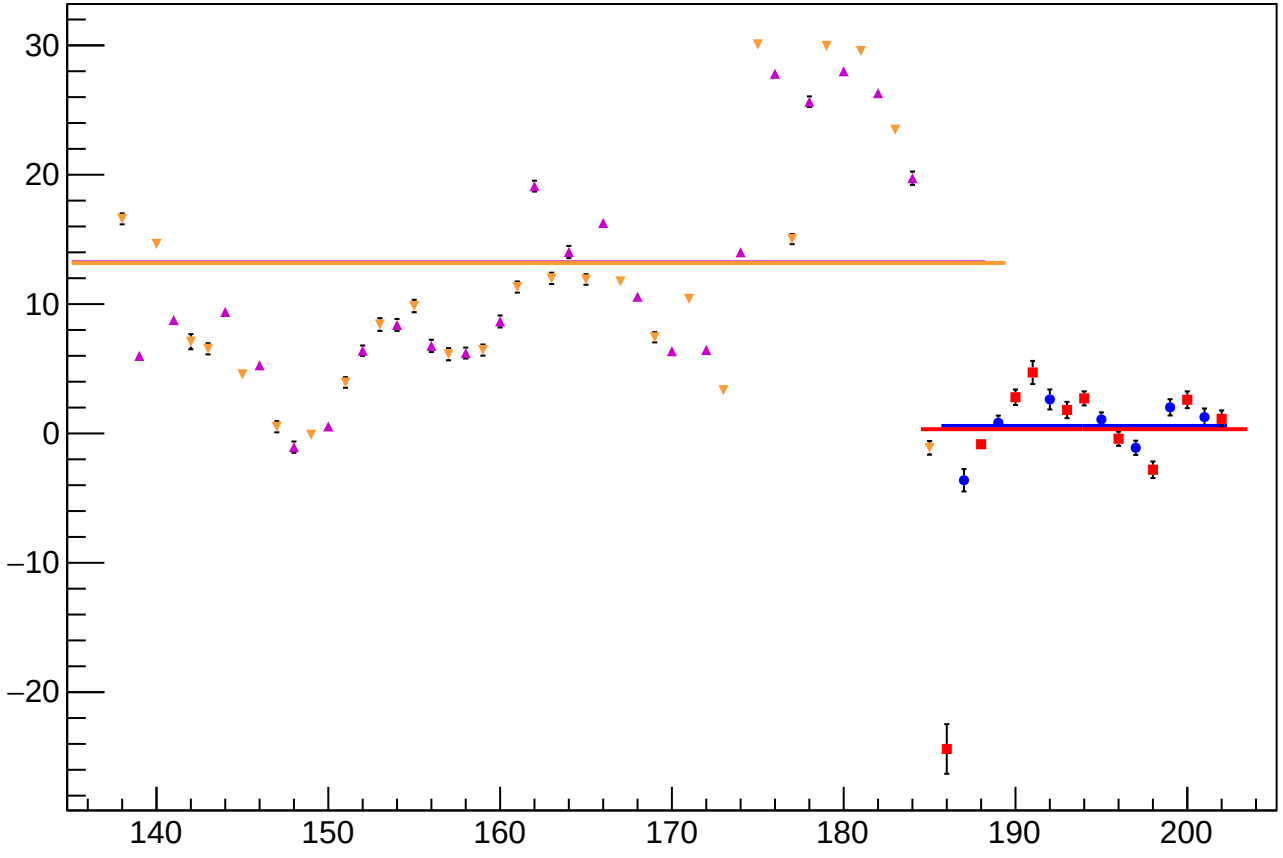
Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

+ sign 0.182+/-0.004 χ^2/NDF: 1987.2/31

All: 0.177+/-0.003 χ^2/NDF: 4778.0/64

- sign 0.171+/-0.004 χ^2/NDF: 2786.4/32

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.578+/-0.238 χ^2/NDF: 47.1/6

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.330+/-0.174 χ^2/NDF: 288.0/9

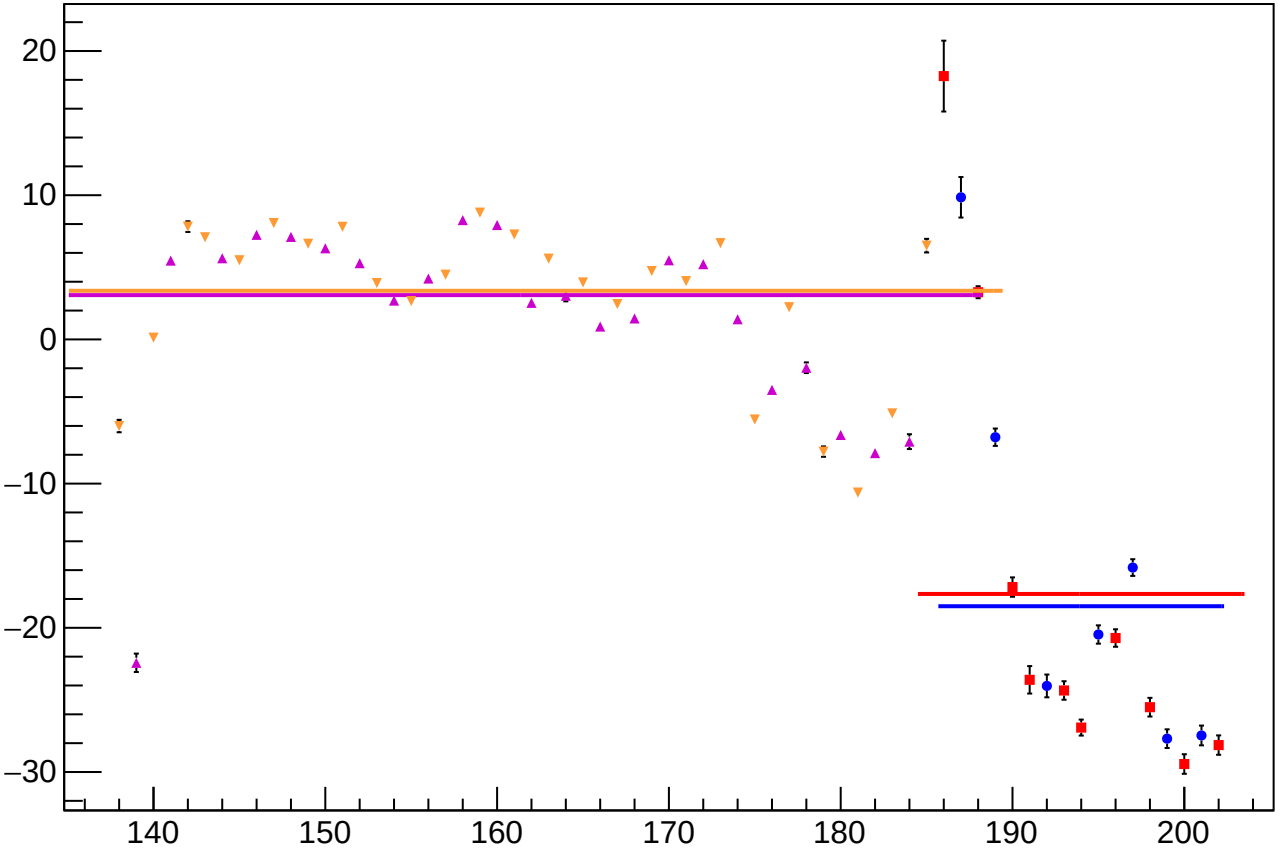
Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

+ sign 12.031+/-0.072 χ^2/NDF: 19638.6/31

All: 11.567+/-0.050 χ^2/NDF: 38752.2/64

- sign 11.125+/-0.070 χ^2/NDF: 19032.3/32

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -18.504+/-0.260 χ^2/NDF: 1237.1/6

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -17.653+/-0.202 χ^2/NDF: 3909.0/9

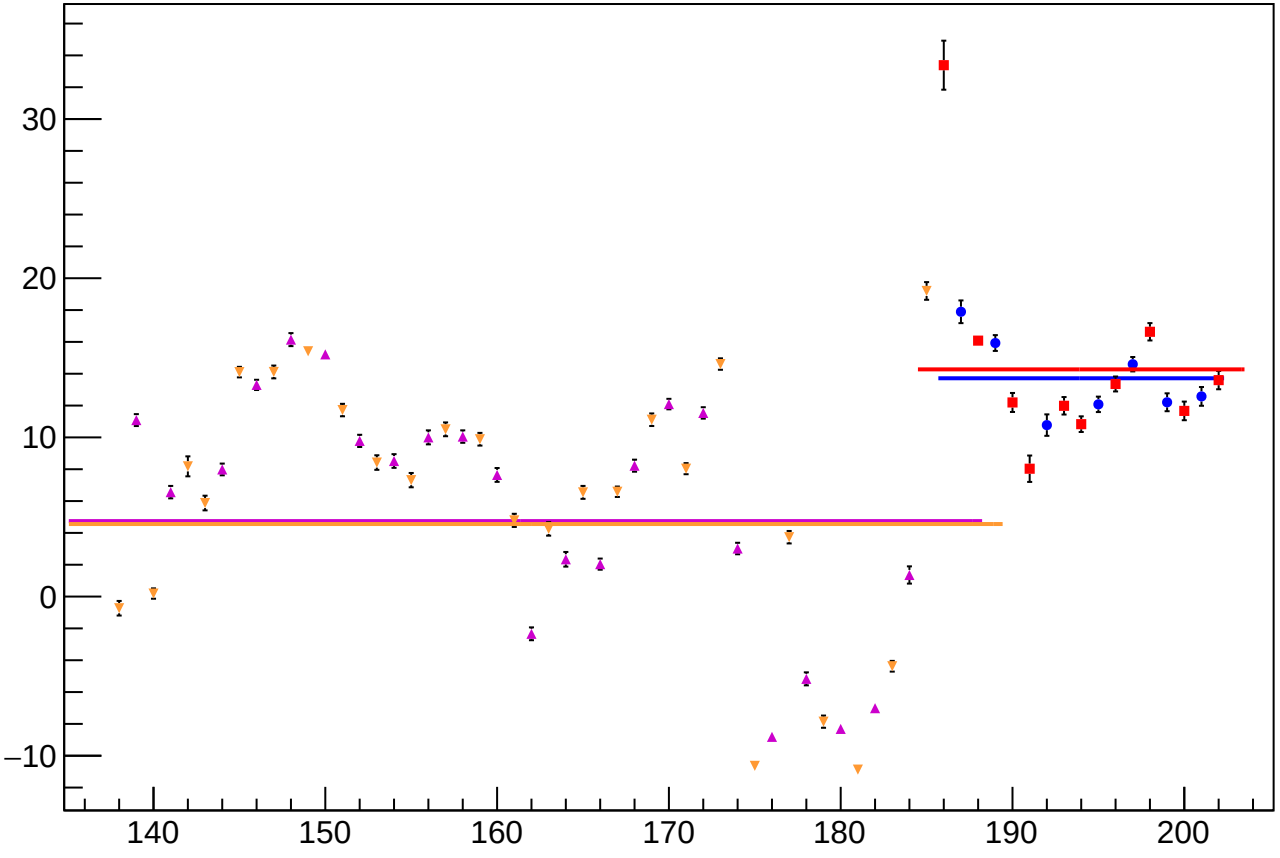
Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

+ sign 2.314+/-0.057 χ^2/NDF: 16041.1/31

All: 1.849+/-0.041 χ^2/NDF: 37007.6/64

- sign 1.372+/-0.058 χ^2/NDF: 20832.2/32

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 13.714+/-0.207 χ^2/NDF: 99.4/6

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 14.274+/-0.149 χ^2/NDF: 395.3/9

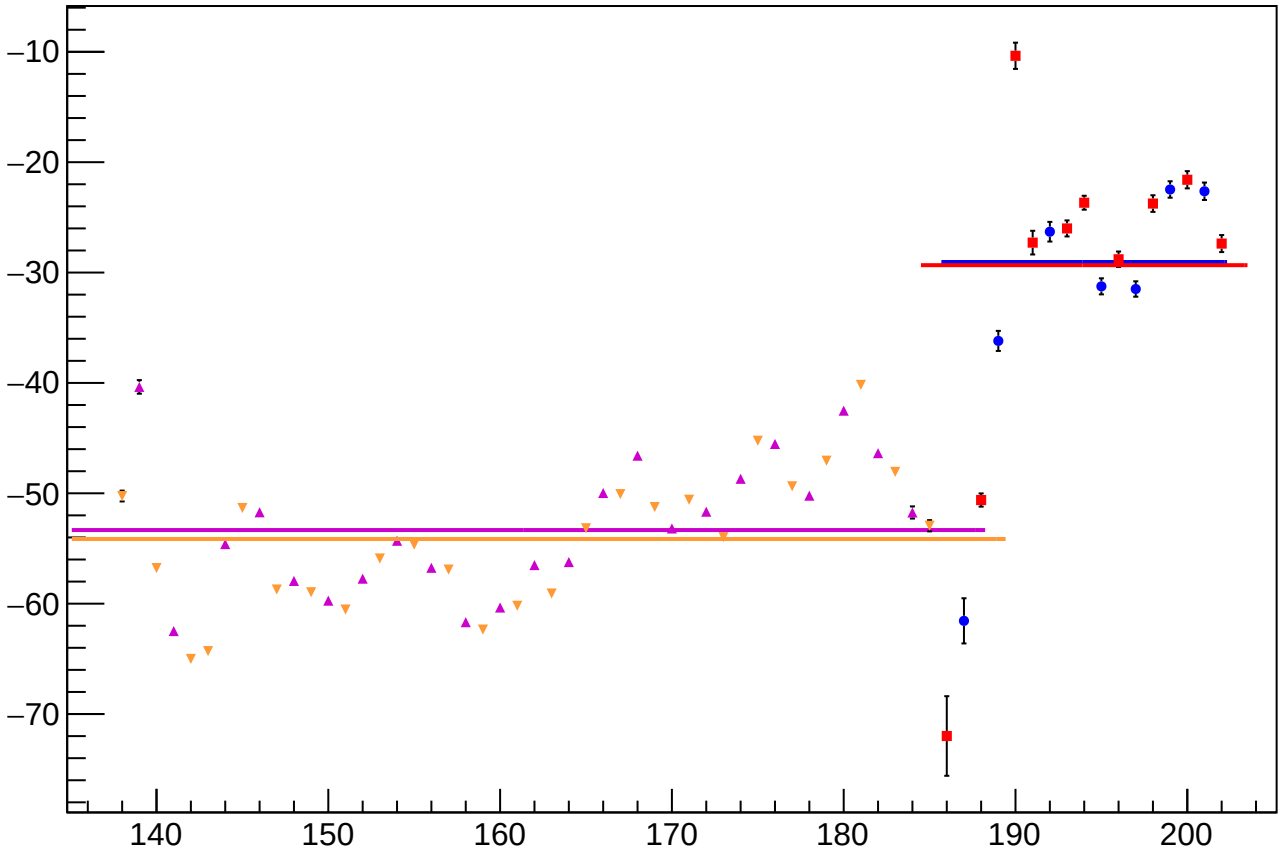
Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

+ sign 5.635+/-0.071 χ^2/NDF: 15418.7/31

All: 6.205+/-0.049 χ^2/NDF: 30599.1/64

- sign 6.727+/-0.068 χ^2/NDF: 15056.9/32

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -29.045+/-0.315 χ^2/NDF: 489.0/6

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -29.331+/-0.250 χ^2/NDF: 1921.8/9

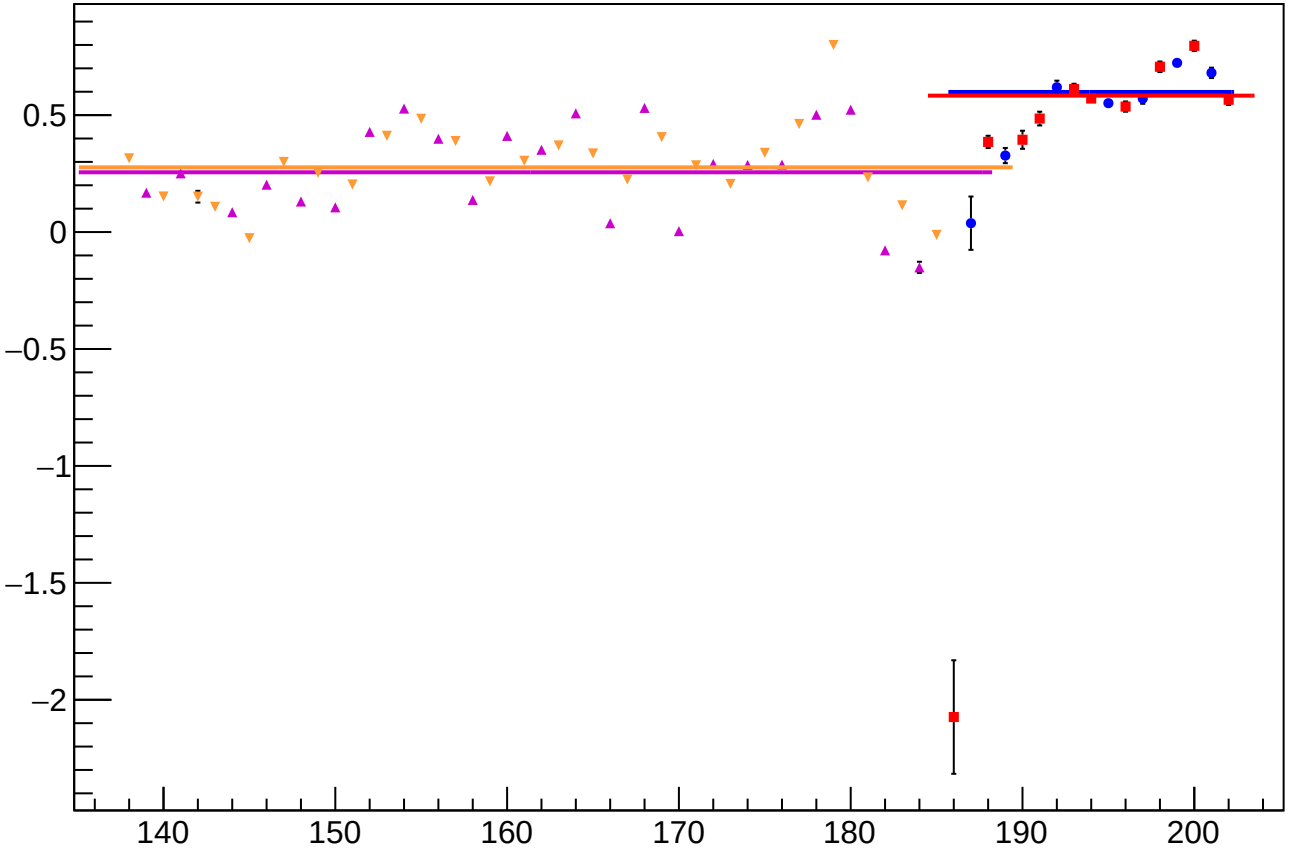
Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

+ sign -53.068+/-0.065 χ^2/NDF: 14854.3/31

All: -52.377+/-0.046 χ^2/NDF: 32497.9/64

- sign -51.670+/-0.066 χ^2/NDF: 17415.6/32

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.599+/-0.010 χ^2/NDF: 147.9/6

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.583+/-0.008 χ^2/NDF: 342.6/9

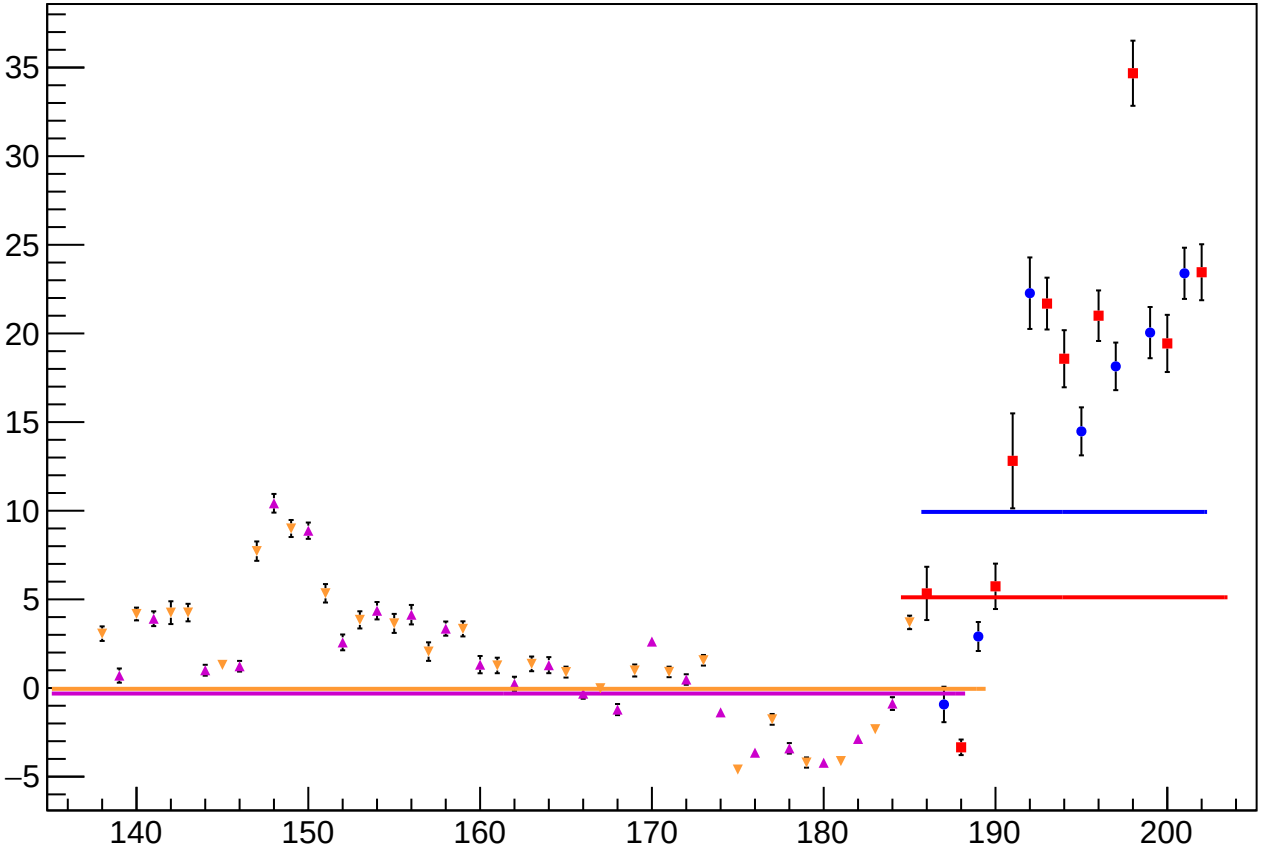
Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

+ sign 0.306+/-0.003 χ^2/NDF: 3757.2/31

All: 0.303+/-0.002 χ^2/NDF: 9264.7/64

- sign 0.300+/-0.003 χ^2/NDF: 5505.4/32

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 9.933+/-0.456 χ^2/NDF: 413.8/6

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 5.117+/-0.337 χ^2/NDF: 1175.2/9

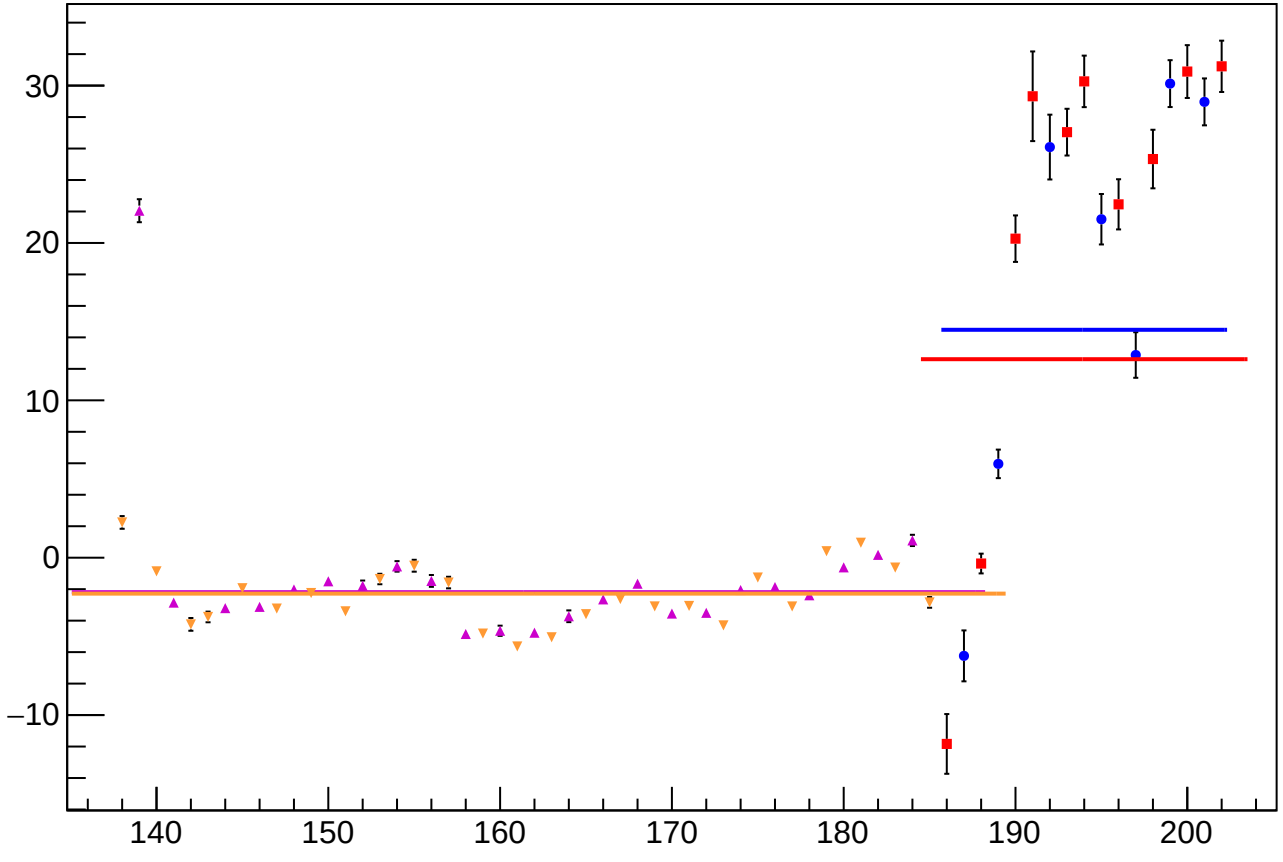
Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

+ sign 0.159+/-0.065 χ^2/NDF: 3511.0/31

All: 0.028+/-0.046 χ^2/NDF: 7196.7/64

- sign -0.105+/-0.066 χ^2/NDF: 3677.6/32

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 14.482+/-0.527 χ^2/NDF: 509.2/6

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 12.614+/-0.421 χ^2/NDF: 1199.3/9

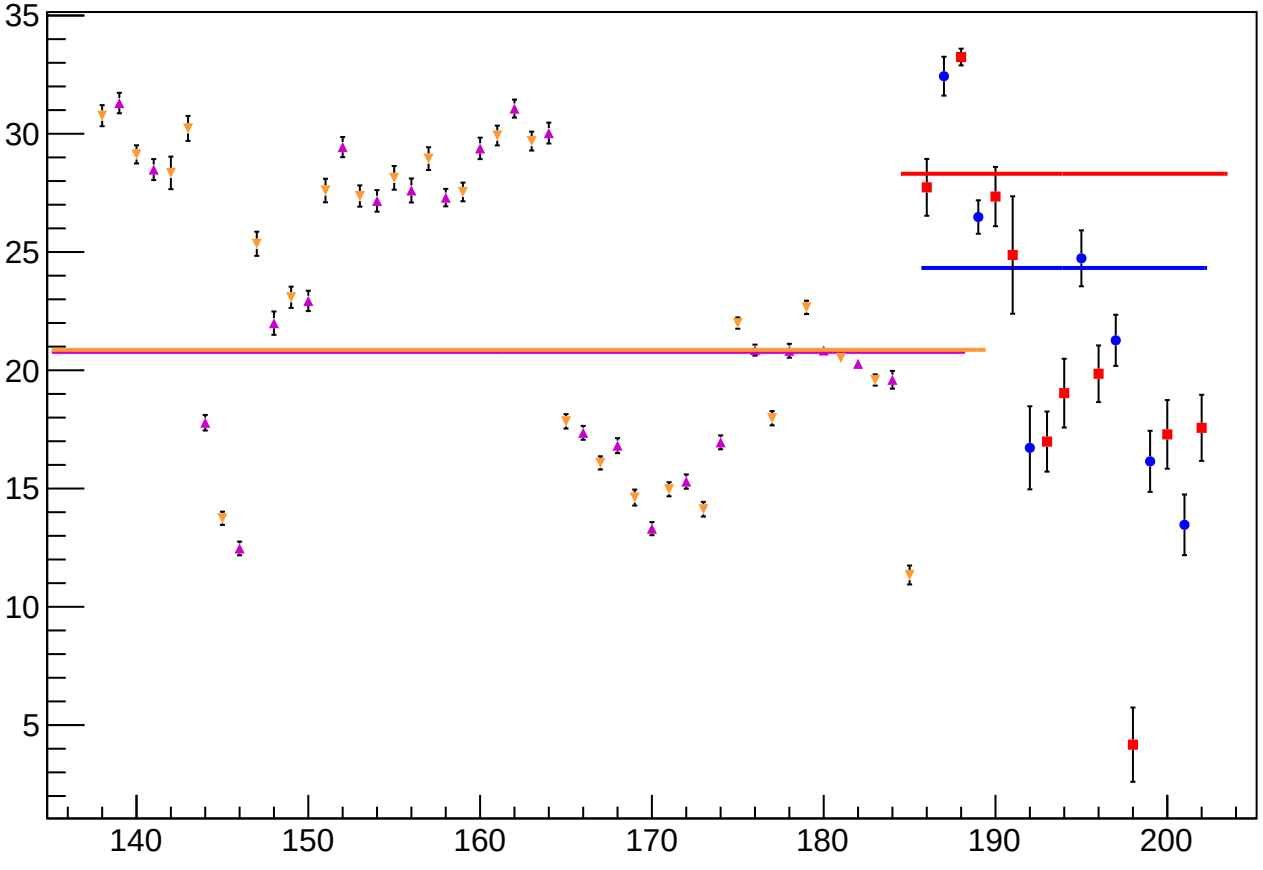
Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

+ sign -2.107+/-0.054 χ^2/NDF: 2642.8/31

All: -2.026+/-0.038 χ^2/NDF: 6846.2/64

- sign -1.942+/-0.054 χ^2/NDF: 4198.8/32

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 24.326+/-0.390 χ^2/NDF: 245.3/6

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 28.309+/-0.281 χ^2/NDF: 720.2/9

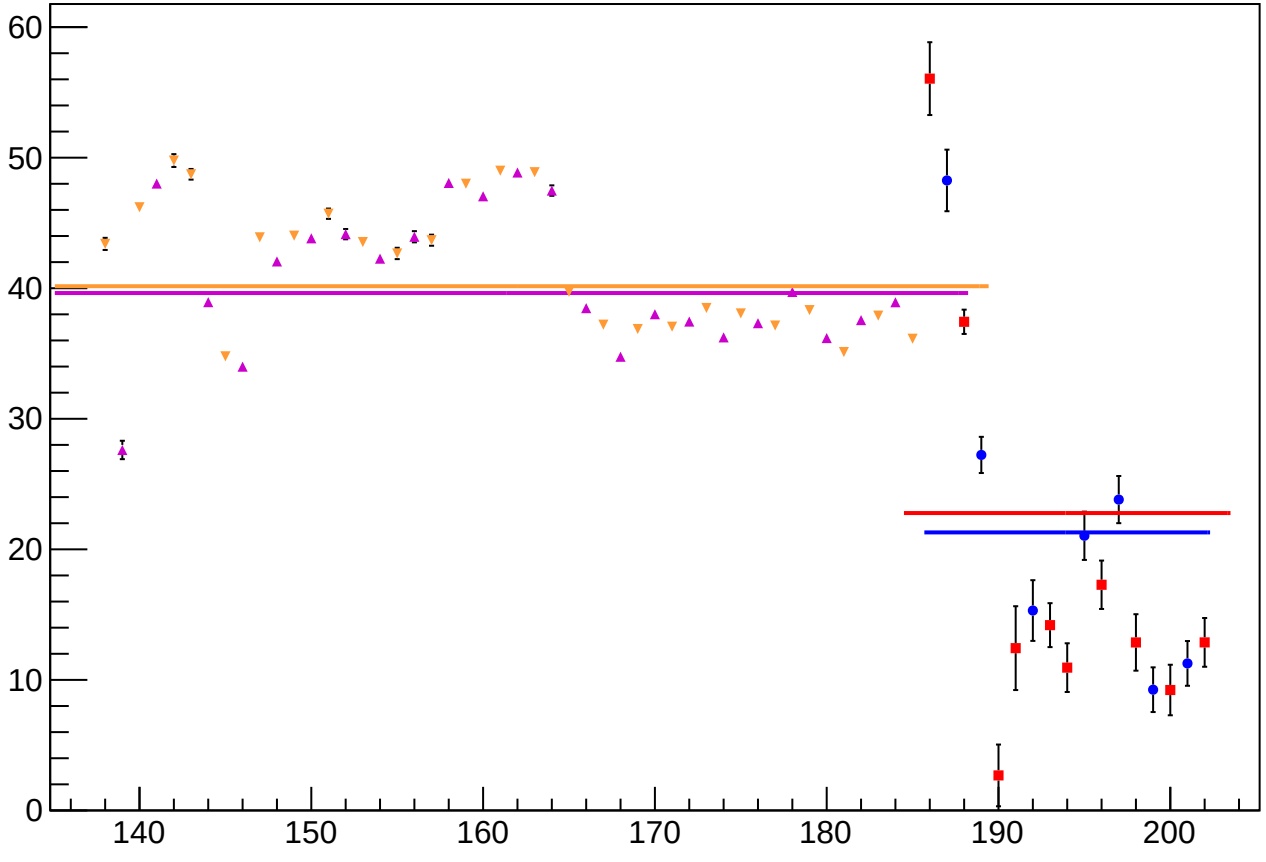
Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

+ sign 20.964+/-0.066 χ^2/NDF: 6930.3/31

All: 21.076+/-0.046 χ^2/NDF: 14322.9/64

- sign 21.187+/-0.065 χ^2/NDF: 7386.8/32

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 21.297+/-0.679 χ^2/NDF: 241.4/6

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 22.780+/-0.554 χ^2/NDF: 646.4/9

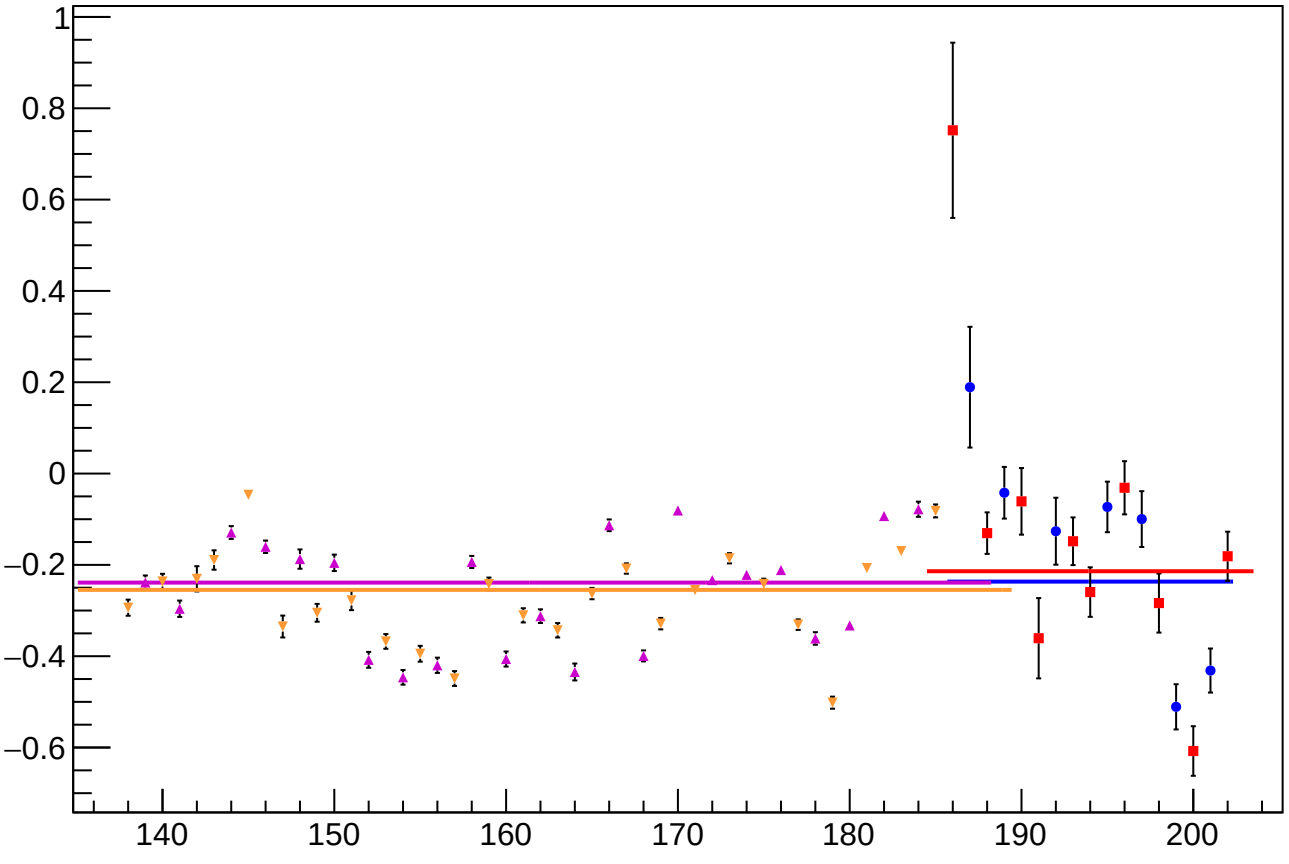
Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

+ sign 40.006+/-0.060 χ^2/NDF: 6867.2/31

All: 39.720+/-0.043 χ^2/NDF: 13816.9/64

- sign 39.429+/-0.061 χ^2/NDF: 6904.3/32

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.237+/-0.022 χ^2/NDF: 85.2/6

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.214+/-0.019 χ^2/NDF: 102.1/9

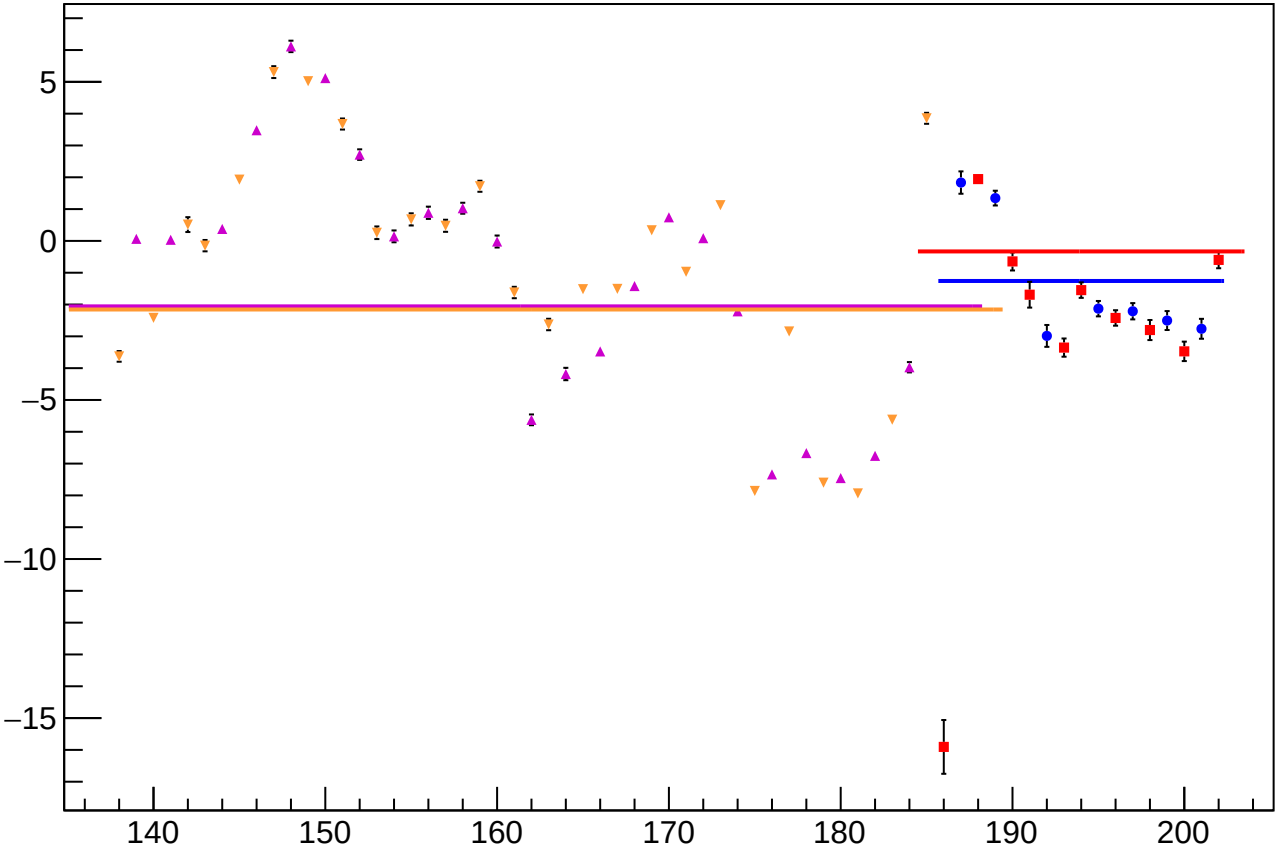
Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

+ sign -0.255+/-0.003 χ^2/NDF: 1503.5/31

All: -0.246+/-0.002 χ^2/NDF: 3374.9/64

- sign -0.238+/-0.003 χ^2/NDF: 1853.8/32

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -1.259+/-0.106 χ^2/NDF: 295.9/6

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: -0.331+/-0.074 χ^2/NDF: 1160.3/9

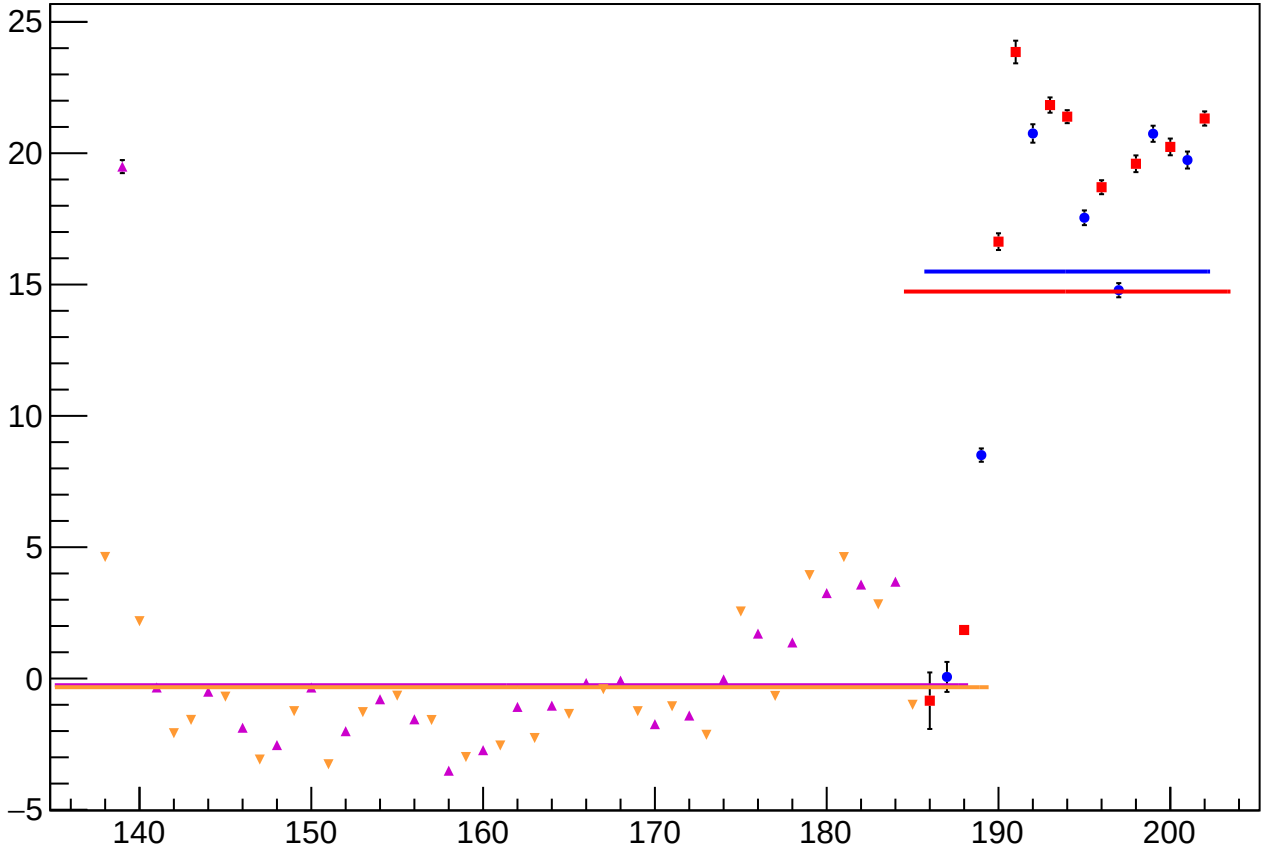
Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

+ sign -2.106+/-0.025 χ^2/NDF: 24864.7/31

All: -1.985+/-0.017 χ^2/NDF: 49904.6/64

- sign -1.868+/-0.024 χ^2/NDF: 24993.1/32

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 15.495+/-0.117 χ^2/NDF: 2234.6/6

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 14.733+/-0.088 χ^2/NDF: 9730.0/9

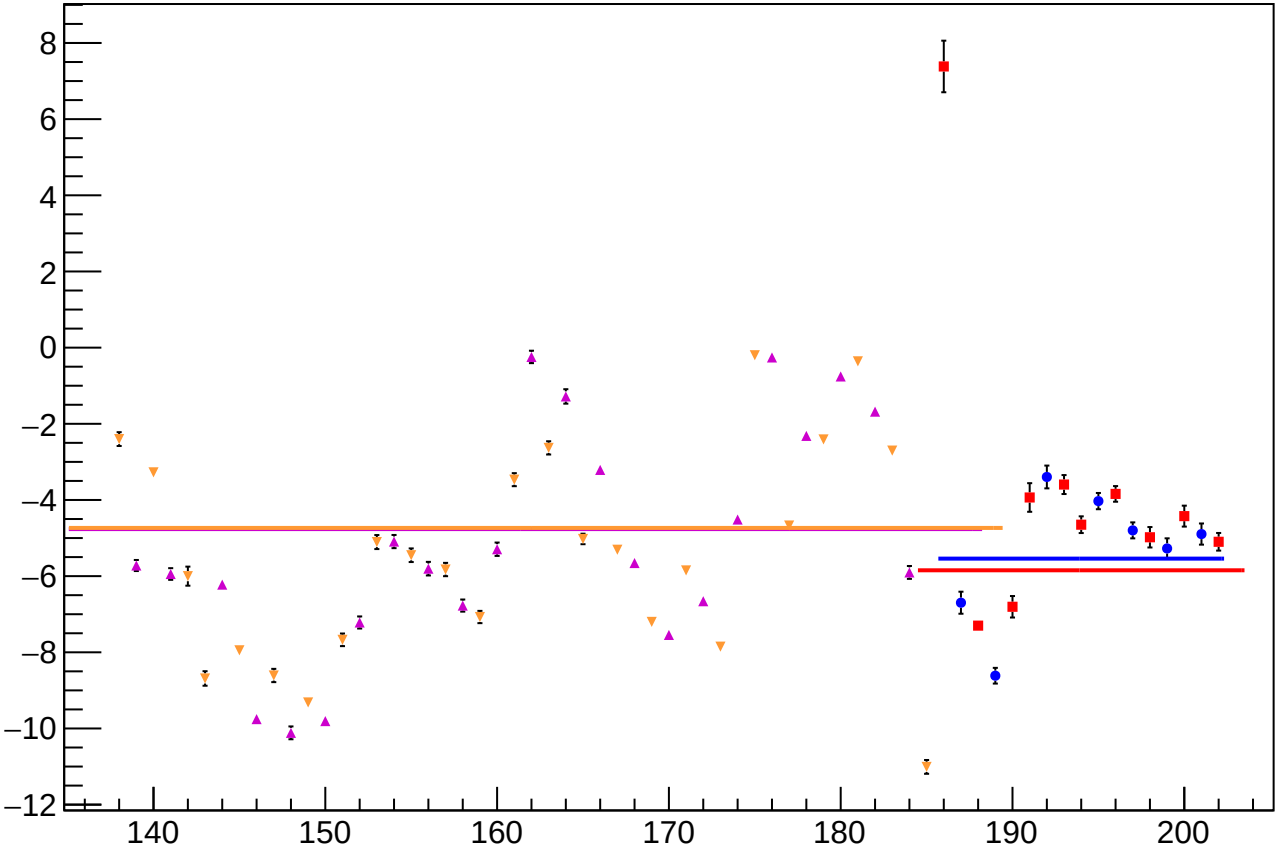
Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

+ sign 0.147+/-0.020 χ^2/NDF: 32573.3/31

All: 0.348+/-0.014 χ^2/NDF: 84305.6/64

- sign 0.549+/-0.020 χ^2/NDF: 51536.8/32

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -5.540+/-0.092 χ^2/NDF: 358.5/6

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -5.847+/-0.063 χ^2/NDF: 940.7/9

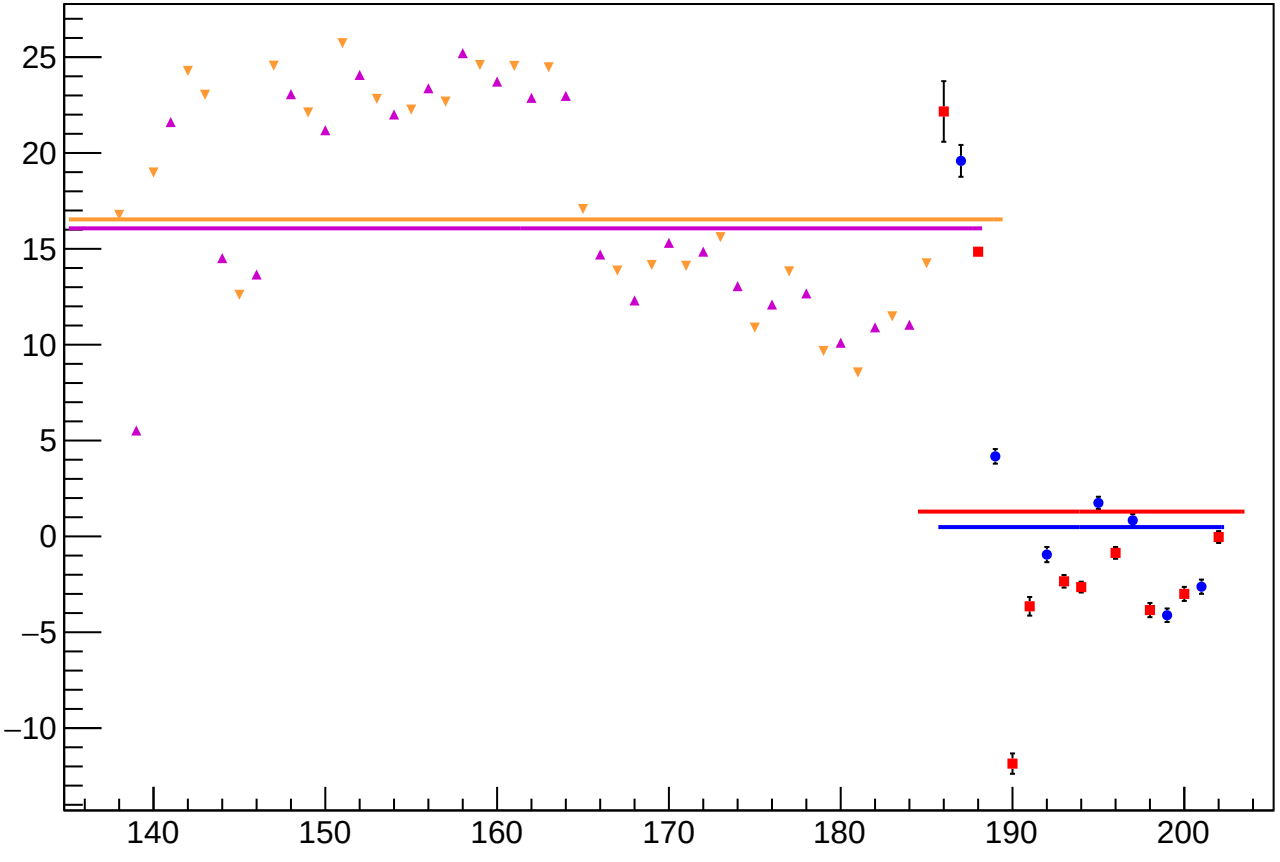
Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

+ sign -4.793+/-0.025 χ^2/NDF: 13618.4/31

All: -4.861+/-0.017 χ^2/NDF: 28991.0/64

- sign -4.923+/-0.024 χ^2/NDF: 15358.4/32

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.485+/-0.143 χ^2/NDF: 891.5/6

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 1.294+/-0.109 χ^2/NDF: 4960.4/9

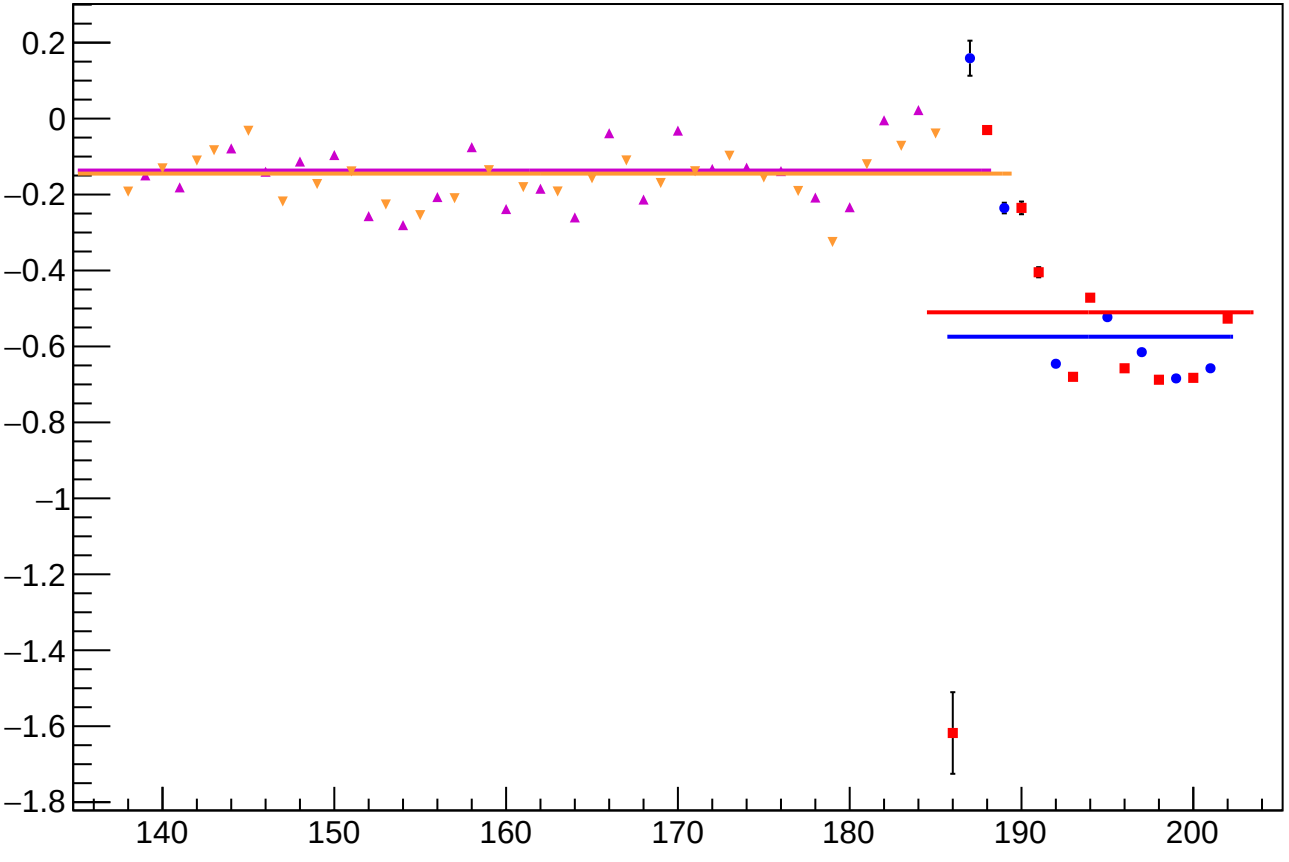
Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

+ sign 16.123+/-0.023 χ^2/NDF: 66763.4/31

All: 15.771+/-0.016 χ^2/NDF: 132424.1/64

- sign 15.417+/-0.023 χ^2/NDF: 65185.8/32

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.574+/-0.004 χ^2/NDF: 1095.3/6

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.510+/-0.003 χ^2/NDF: 3633.3/9

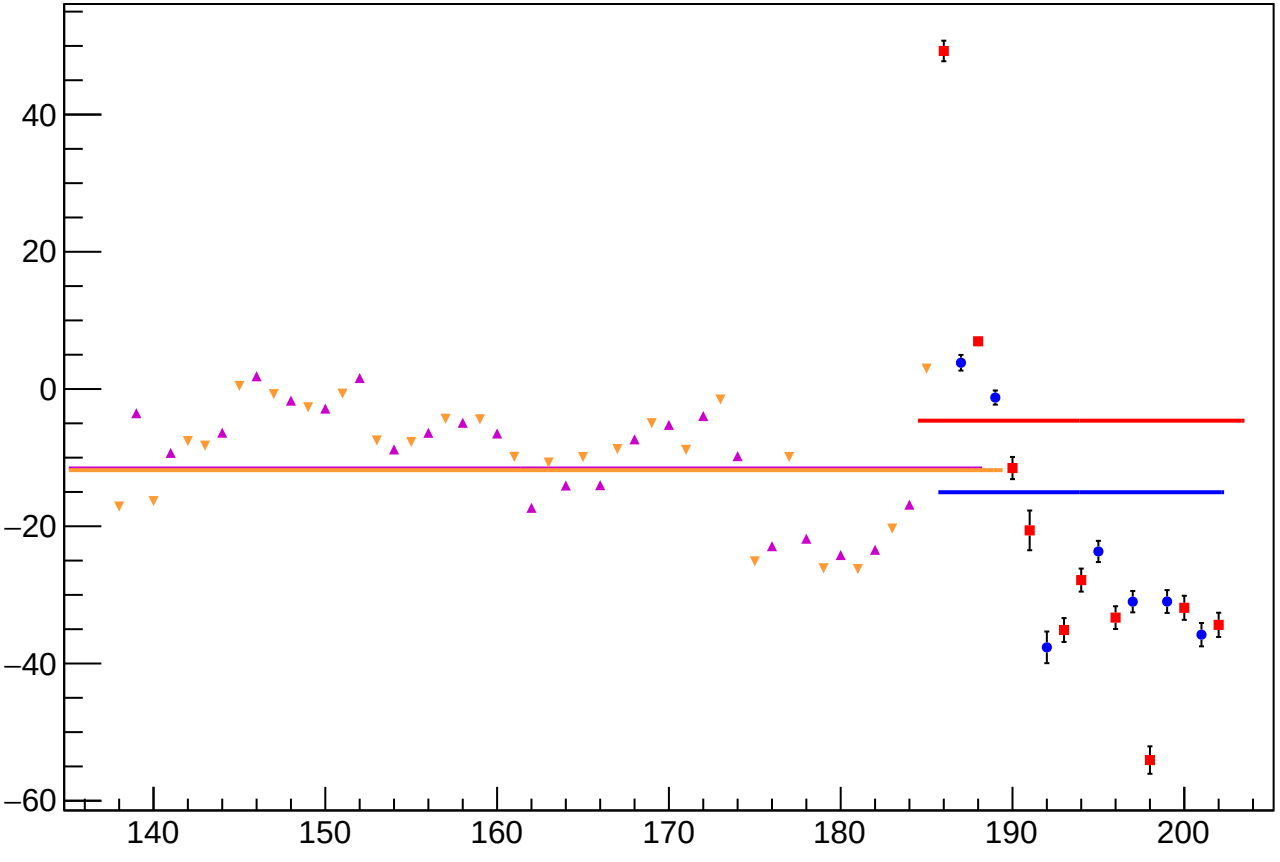
Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

+ sign -0.168+/-0.001 χ^2/NDF: 13741.1/31

All: -0.169+/-0.001 χ^2/NDF: 33390.8/64

- sign -0.169+/-0.001 χ^2/NDF: 19649.0/32

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -15.040+/-0.540 χ^2/NDF: 923.9/6

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: -4.610+/-0.396 χ^2/NDF: 3738.8/9

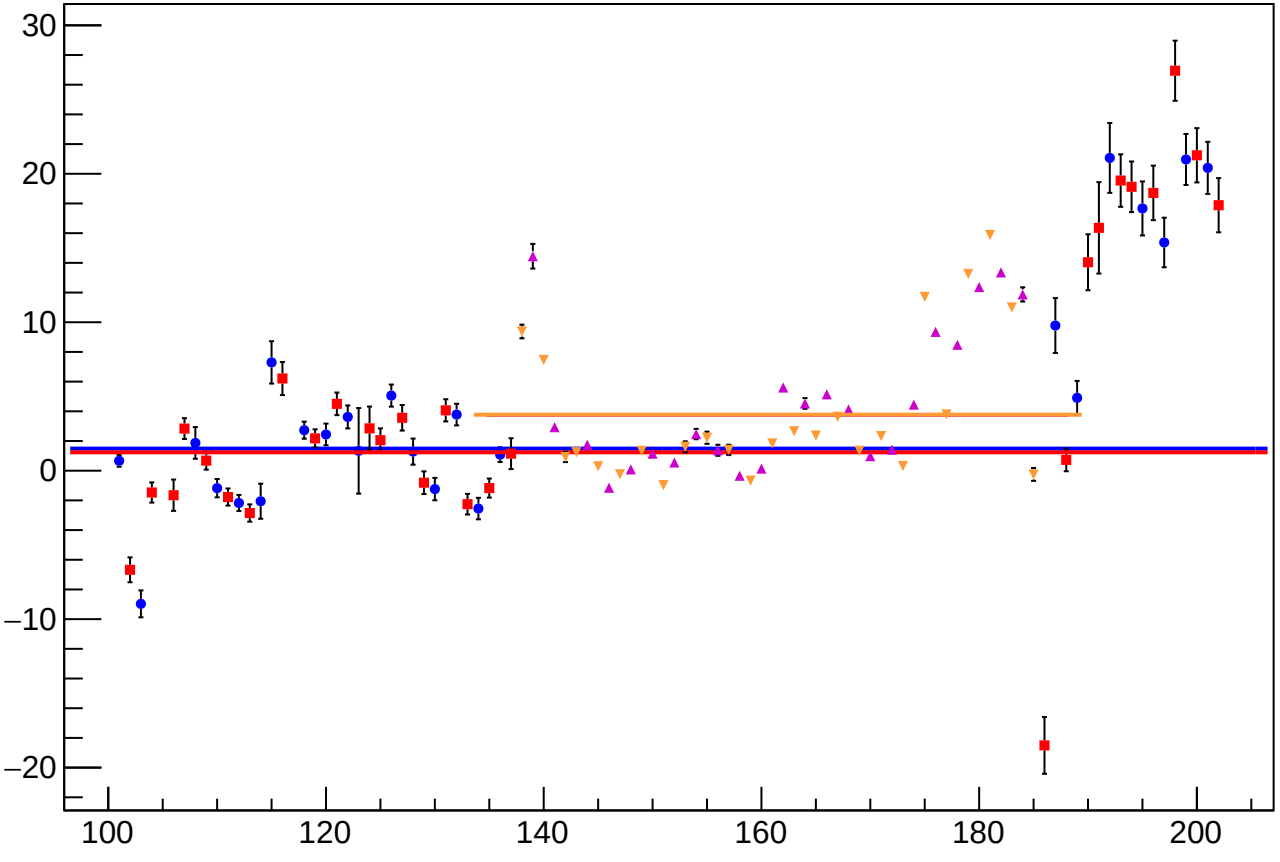
Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

+ sign -11.876+/-0.070 χ^2/NDF: 18236.0/31

All: -11.620+/-0.049 χ^2/NDF: 36544.8/64

- sign -11.362+/-0.070 χ^2/NDF: 18281.7/32

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 1.487+/-0.163 χ^2/NDF: 810.5/23

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 1.238+/-0.165 χ^2/NDF: 1155.0/27

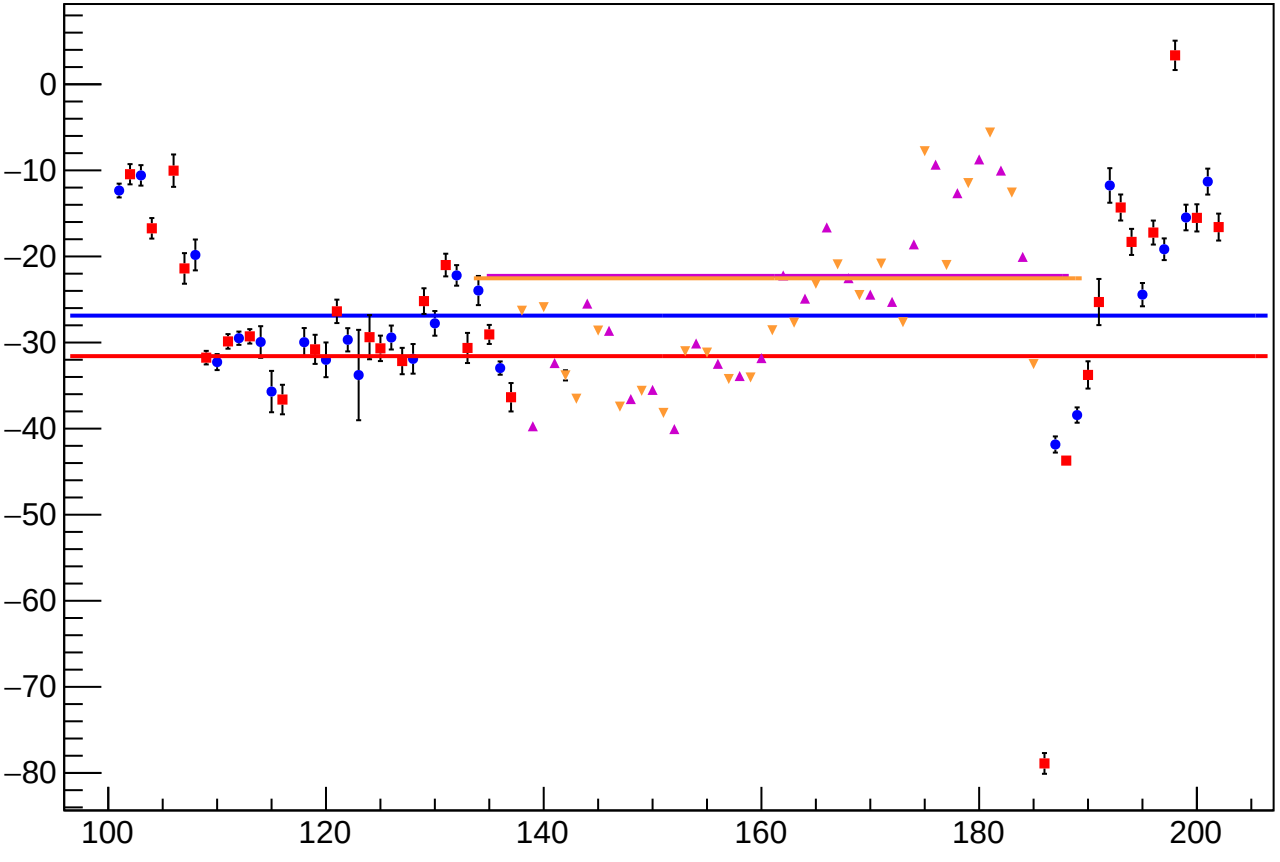
Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

+ sign 3.532+/-0.053 χ^2/NDF: 8406.4/48

All: 3.512+/-0.037 χ^2/NDF: 15426.0/99

- sign 3.491+/-0.053 χ^2/NDF: 7019.4/50

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.873+/-0.251 χ^2/NDF: 1386.1/23

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -31.580+/-0.222 χ^2/NDF: 4035.6/27

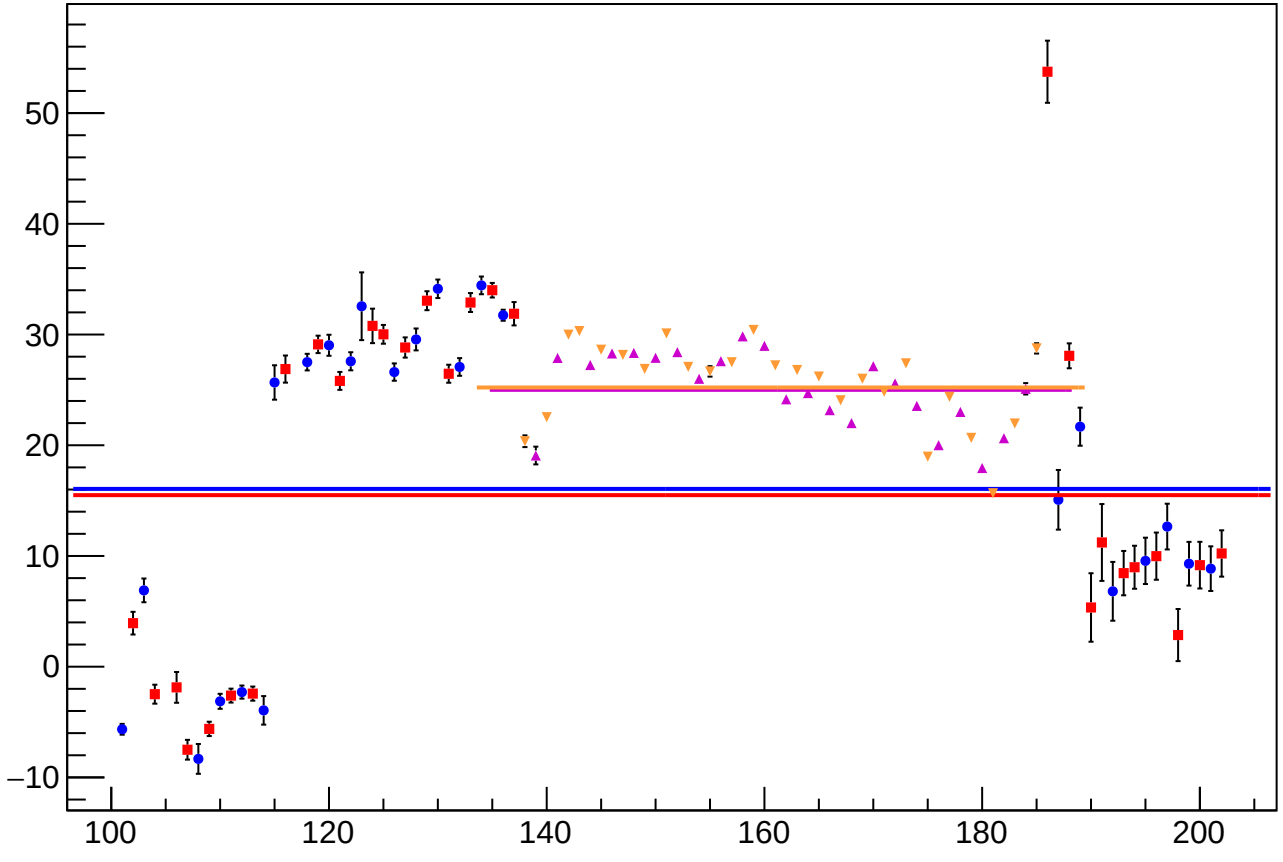
Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

+ sign -22.859+/-0.068 χ^2/NDF: 21413.5/48

All: -22.996+/-0.048 χ^2/NDF: 44897.1/99

- sign -23.131+/-0.068 χ^2/NDF: 23475.5/50

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.059+/-0.186 χ^2/NDF: 7672.1/23

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.494+/-0.188 χ^2/NDF: 7665.9/27

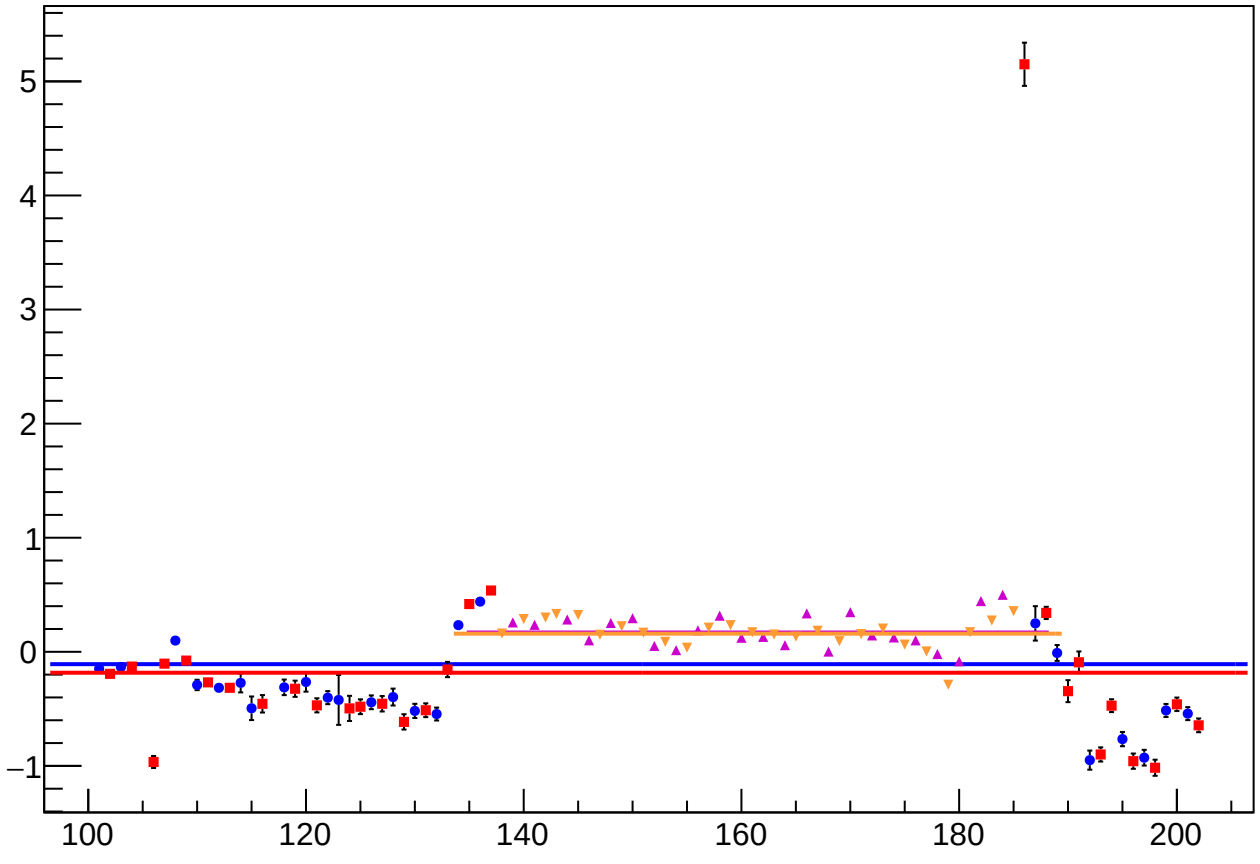
Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

+ sign 24.278+/-0.059 χ^2/NDF: 13592.2/48

All: 24.156+/-0.042 χ^2/NDF: 26289.7/99

- sign 24.031+/-0.060 χ^2/NDF: 12689.0/50

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.108+/-0.010 χ^2/NDF: 1532.8/23

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.183+/-0.009 χ^2/NDF: 2594.8/27

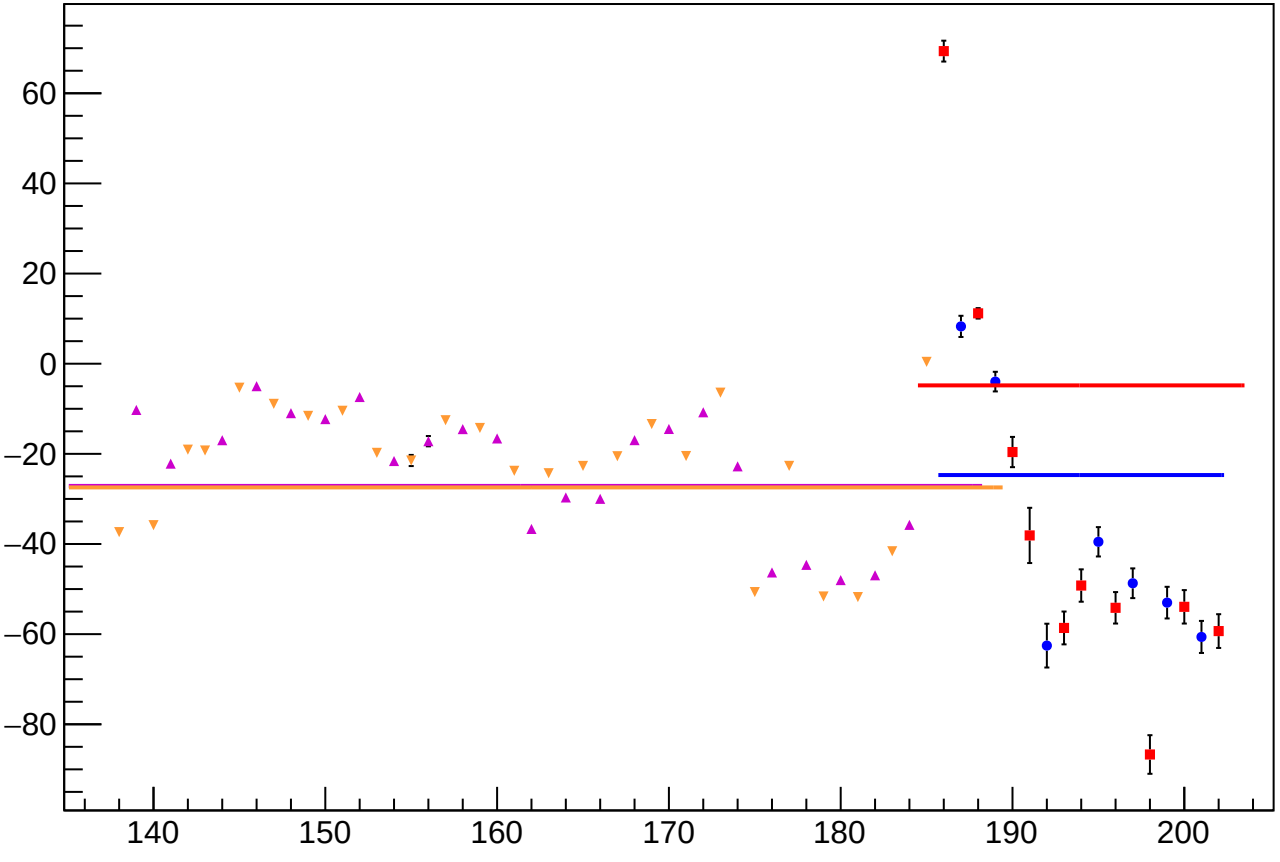
Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

+ sign 0.137+/-0.003 χ^2/NDF: 4102.8/48

All: 0.138+/-0.002 χ^2/NDF: 10423.2/99

- sign 0.138+/-0.003 χ^2/NDF: 6320.3/50

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -24.702+/-1.132 χ^2/NDF: 588.7/6

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: -4.810+/-0.823 χ^2/NDF: 2586.4/9

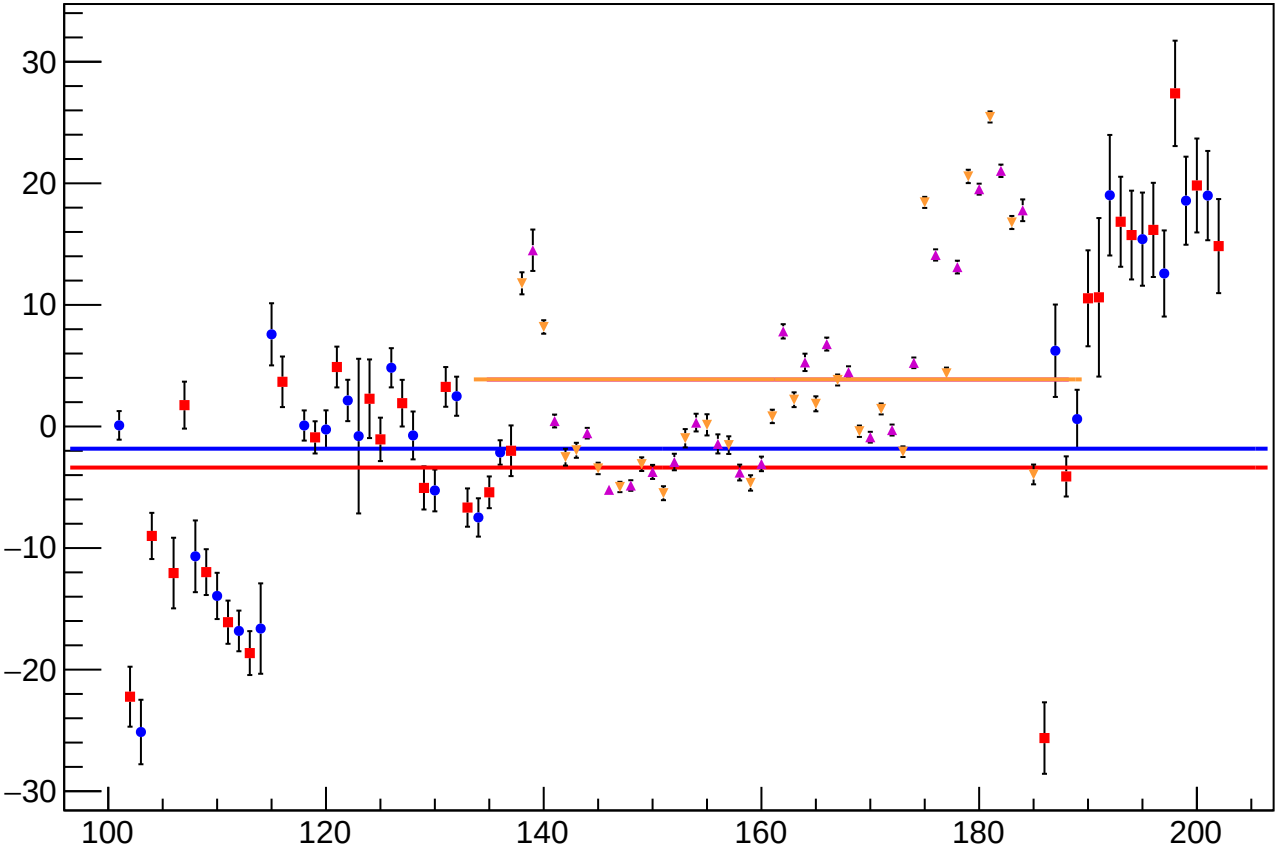
Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

+ sign -27.407+/-0.136 χ^2/NDF: 15415.2/31

All: -26.955+/-0.096 χ^2/NDF: 30181.9/64

- sign -26.498+/-0.137 χ^2/NDF: 14744.6/32

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -1.826+/-0.389 χ^2/NDF: 413.3/23

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -3.379+/-0.394 χ^2/NDF: 568.9/27

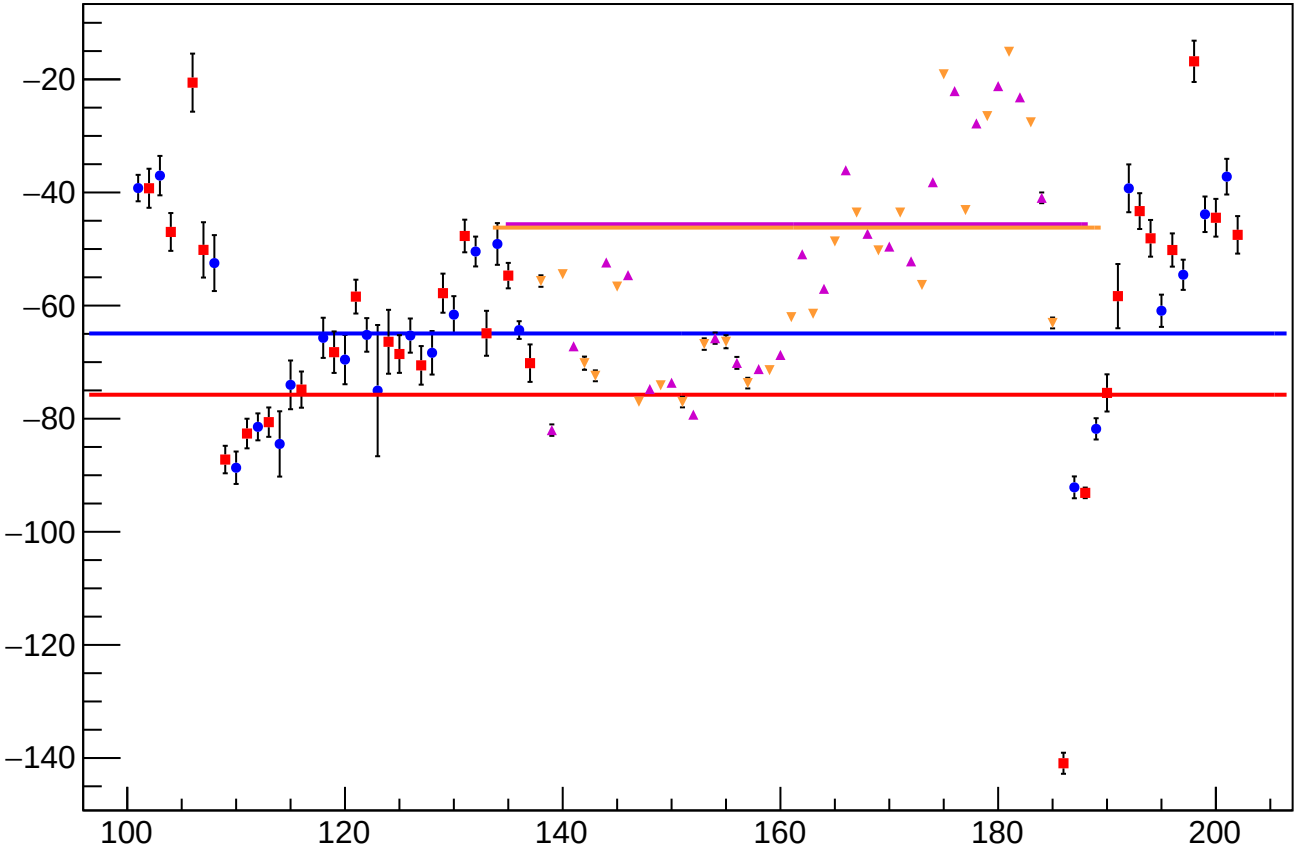
Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

+ sign 3.455+/-0.105 χ^2/NDF: 7518.1/48

All: 3.393+/-0.075 χ^2/NDF: 13839.6/99

- sign 3.329+/-0.107 χ^2/NDF: 6320.8/50

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -64.931+/-0.586 χ^2/NDF: 831.4/23

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -75.762+/-0.508 χ^2/NDF: 2879.9/27

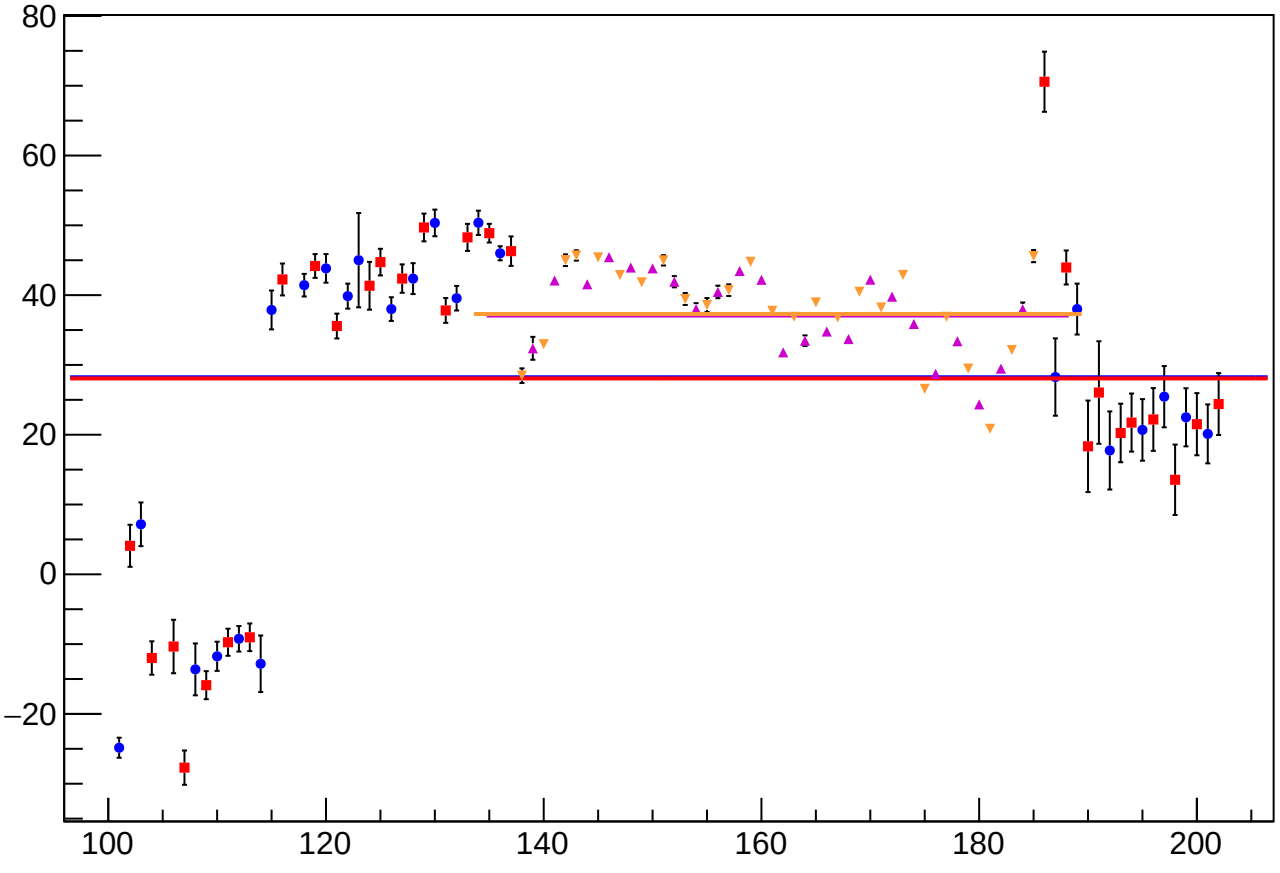
Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

+ sign -47.197+/-0.134 χ^2/NDF: 21777.9/48

All: -47.461+/-0.095 χ^2/NDF: 45689.0/99

- sign -47.723+/-0.134 χ^2/NDF: 23903.4/50

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.233+/-0.441 χ^2/NDF: 3350.1/23

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.066+/-0.451 χ^2/NDF: 3189.6/27

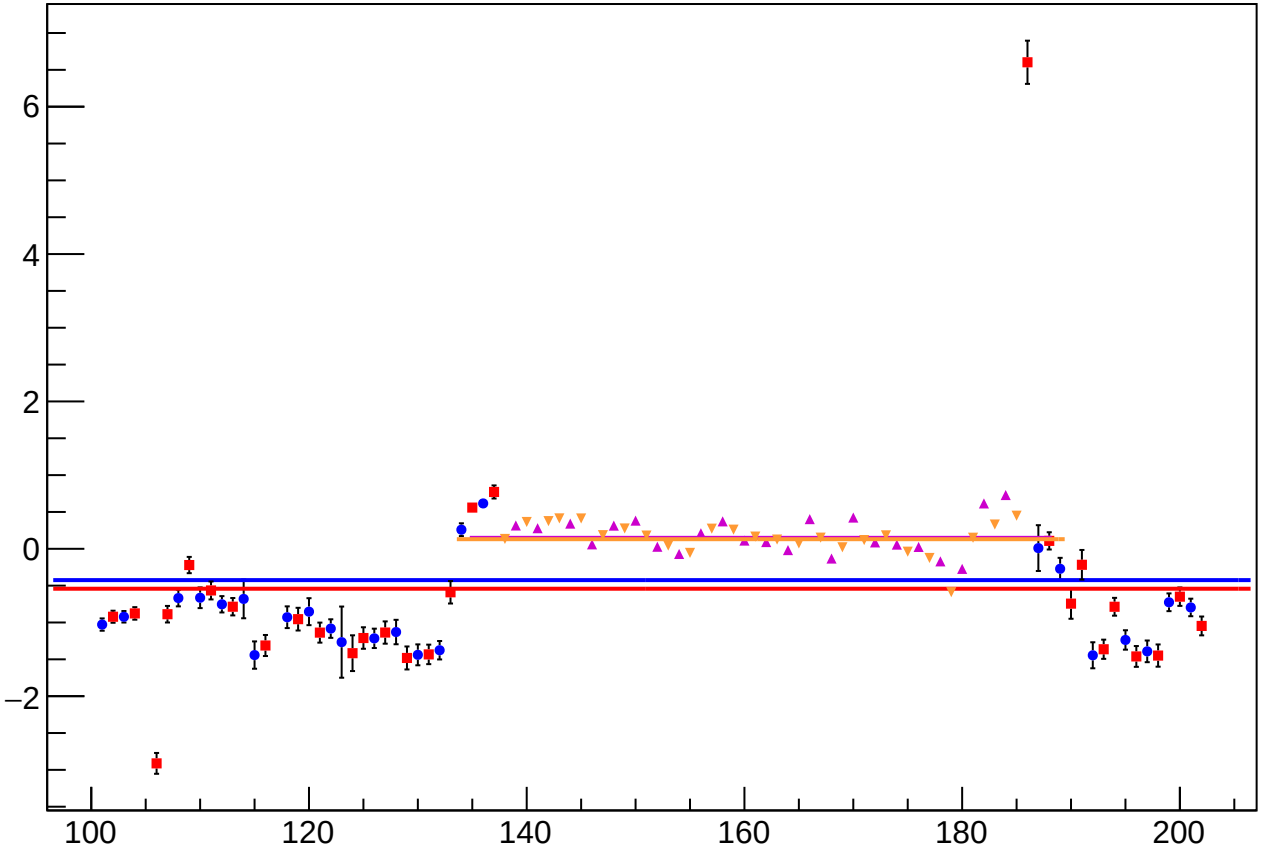
Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

+ sign 36.643+/-0.119 χ^2/NDF: 6855.1/48

All: 36.542+/-0.084 χ^2/NDF: 12823.3/99

- sign 36.438+/-0.120 χ^2/NDF: 5966.7/50

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.425+/-0.023 χ^2/NDF: 1162.4/23

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.542+/-0.022 χ^2/NDF: 1932.4/27

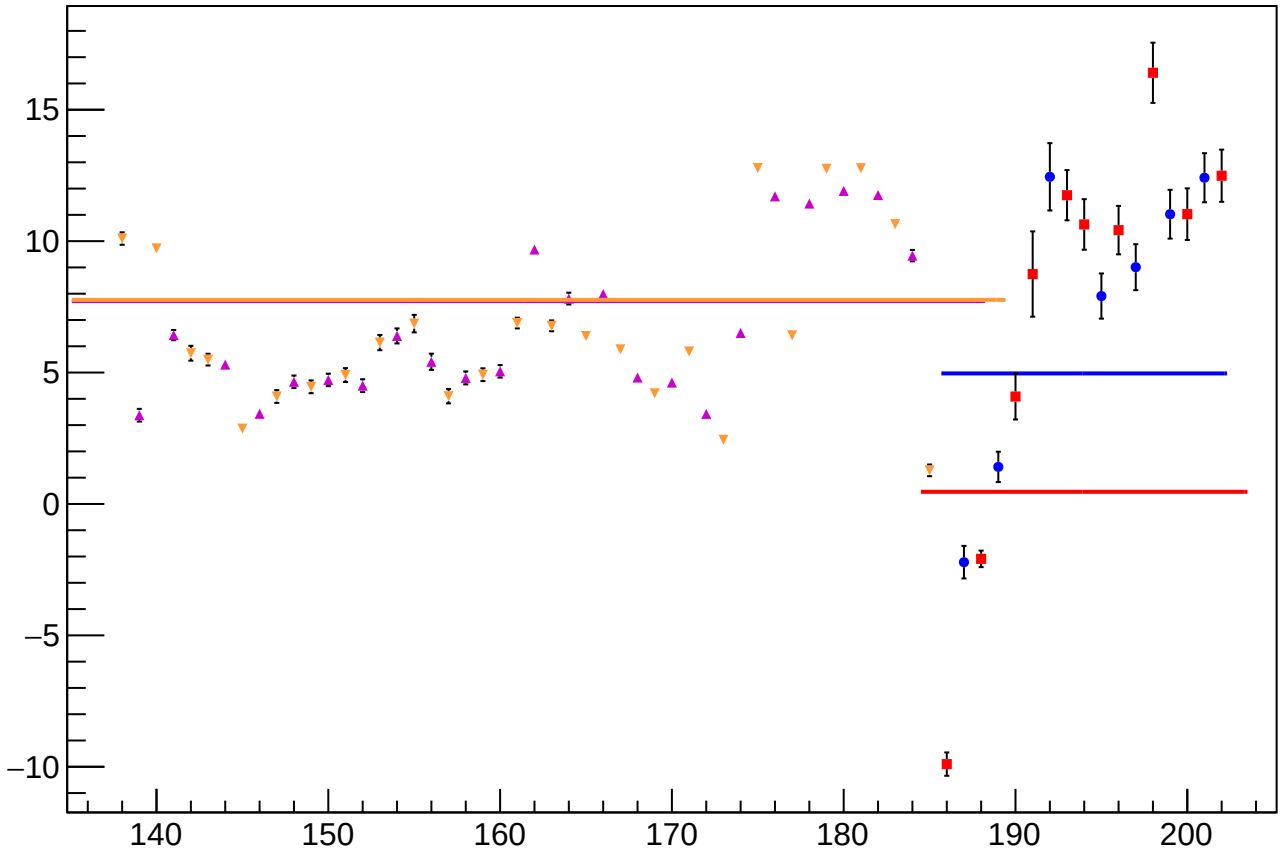
Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

+ sign 0.098+/-0.005 χ^2/NDF: 3146.9/48

All: 0.102+/-0.004 χ^2/NDF: 7783.7/99

- sign 0.107+/-0.006 χ^2/NDF: 4635.5/50

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 4.967+/-0.299 χ^2/NDF: 345.8/6

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: 0.463+/-0.208 χ^2/NDF: 1477.5/9

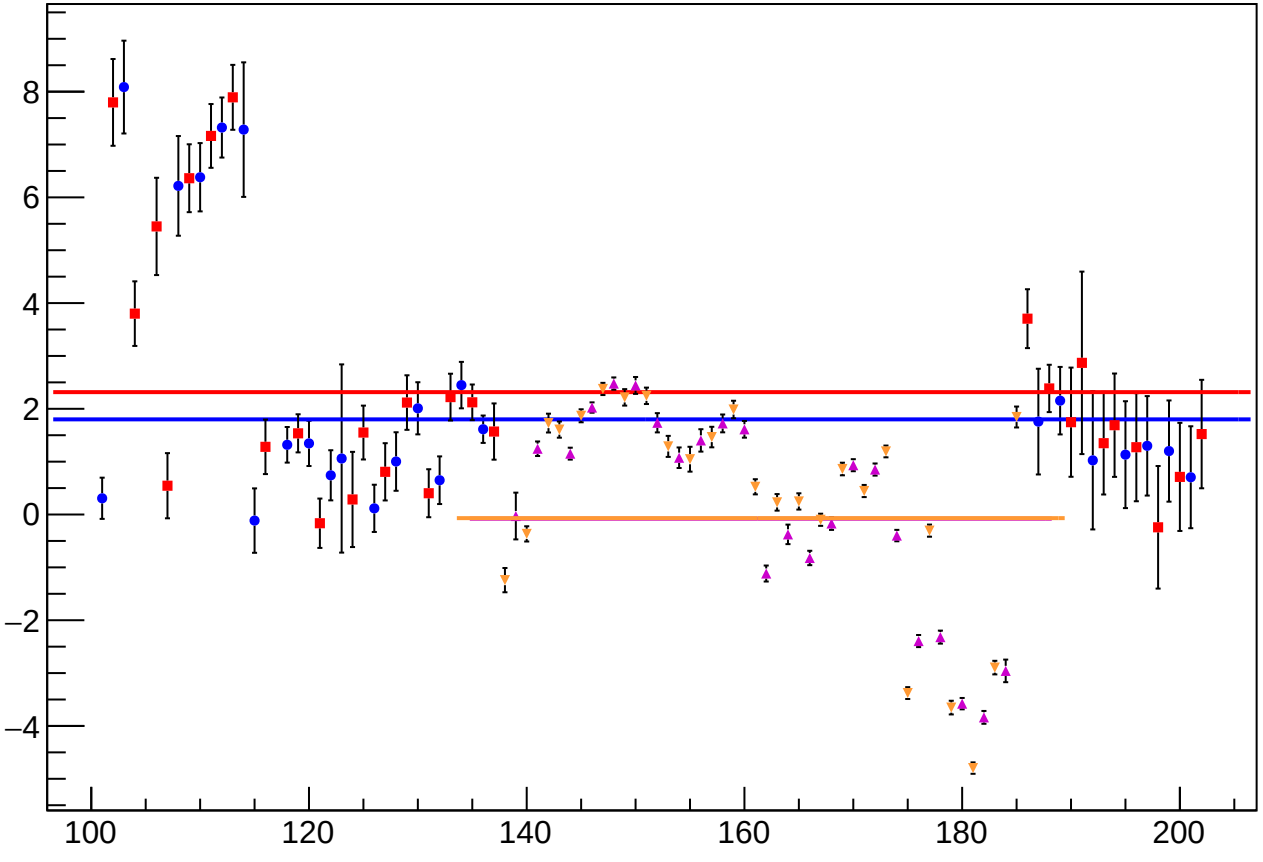
Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

+ sign 7.729+/-0.034 χ^2/NDF: 12136.1/31

All: 7.626+/-0.024 χ^2/NDF: 23301.9/64

- sign 7.521+/-0.034 χ^2/NDF: 11147.4/32

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.800+/-0.110 χ^2/NDF: 298.0/23

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.315+/-0.111 χ^2/NDF: 346.3/27

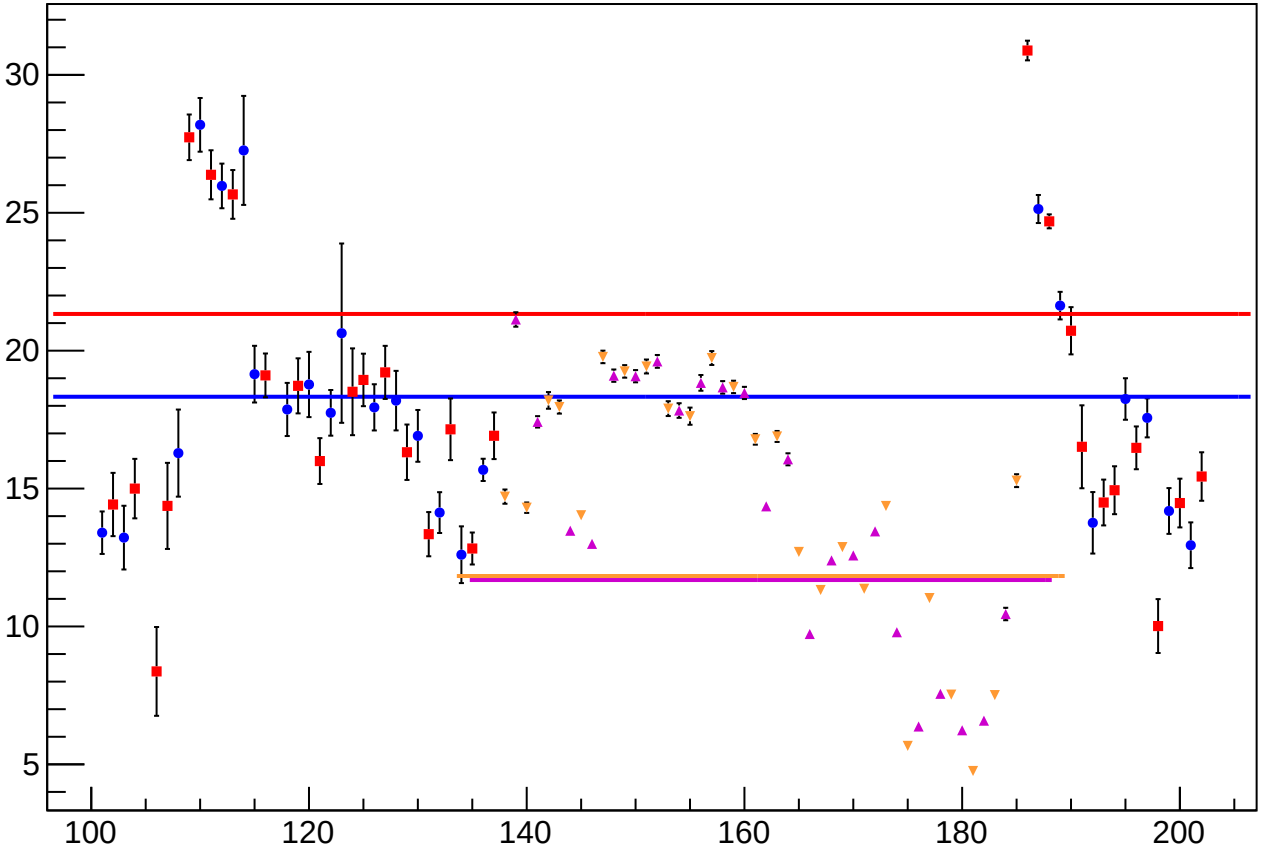
Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

+ sign 0.044+/-0.027 χ^2/NDF: 6602.5/48

All: 0.055+/-0.019 χ^2/NDF: 12377.5/99

- sign 0.067+/-0.027 χ^2/NDF: 5774.7/50

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.329+/-0.163 χ^2/NDF: 693.2/23

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 21.332+/-0.136 χ^2/NDF: 2024.7/27

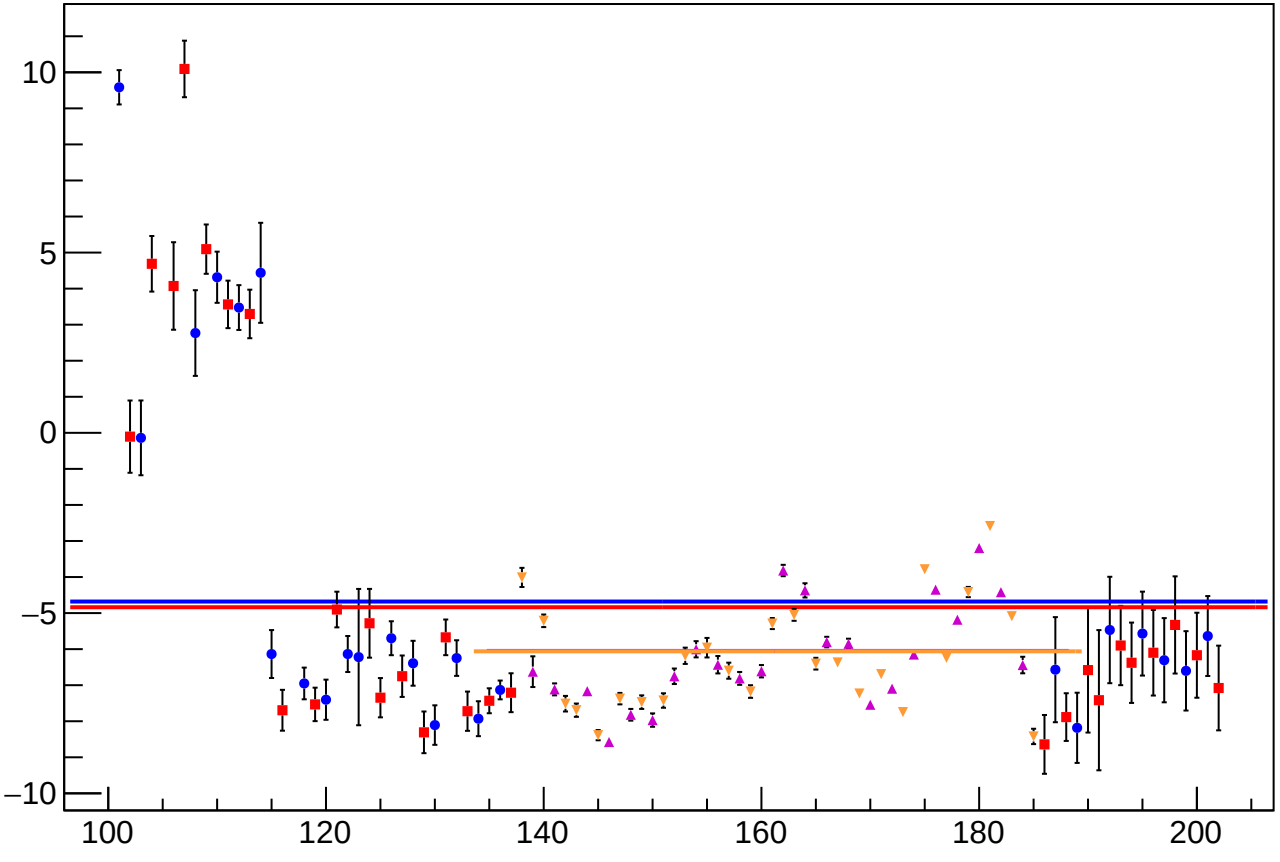
Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

+ sign 12.112+/-0.034 χ^2/NDF: 21247.4/48

All: 12.198+/-0.024 χ^2/NDF: 44926.2/99

- sign 12.283+/-0.034 χ^2/NDF: 23666.0/50

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.680+/-0.124 χ^2/NDF: 1612.8/23

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.838+/-0.127 χ^2/NDF: 1399.7/27

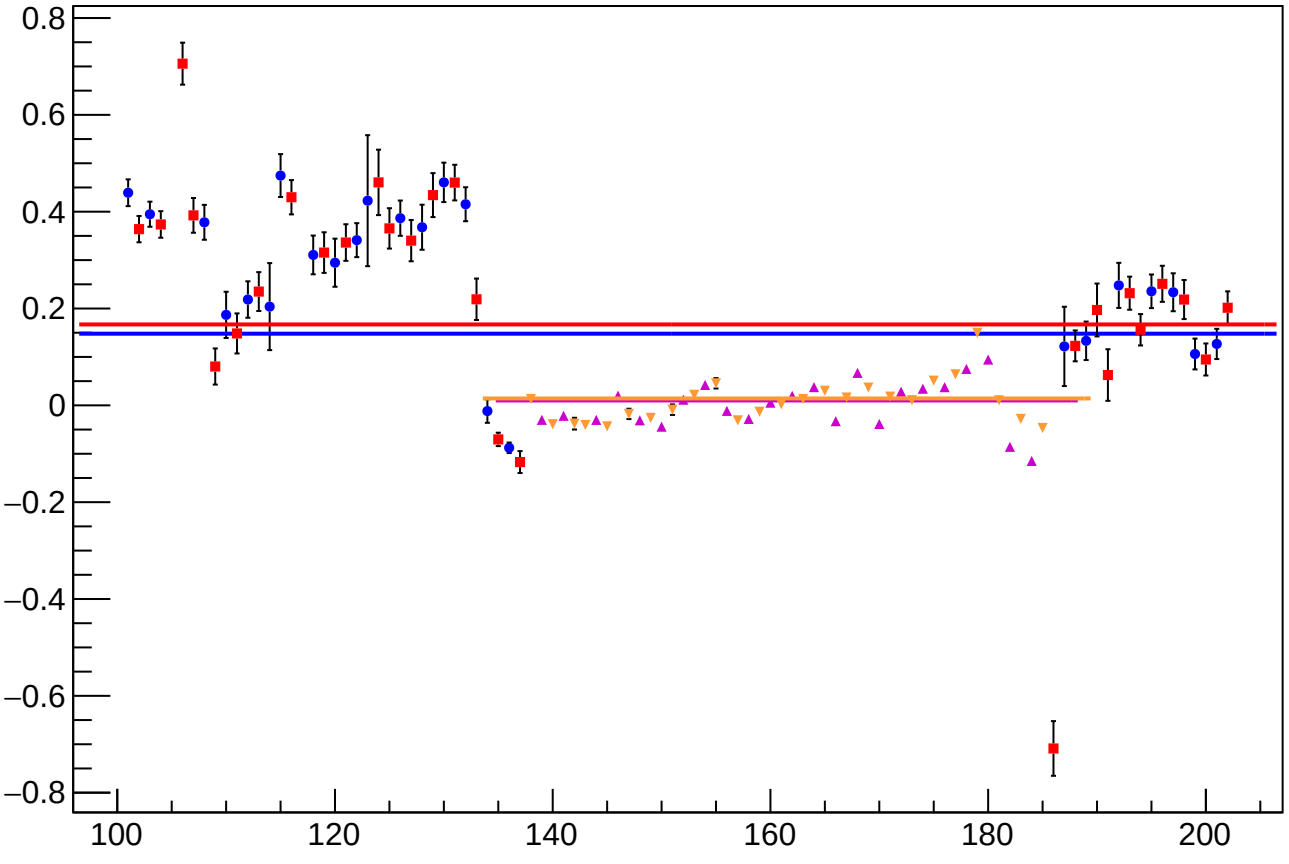
Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

+ sign -5.979+/-0.030 χ^2/NDF: 4378.2/48

All: -5.979+/-0.022 χ^2/NDF: 8166.9/99

- sign -5.979+/-0.031 χ^2/NDF: 3788.7/50

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.148+/-0.006 χ^2/NDF: 1079.0/23

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.167+/-0.006 χ^2/NDF: 1269.3/27

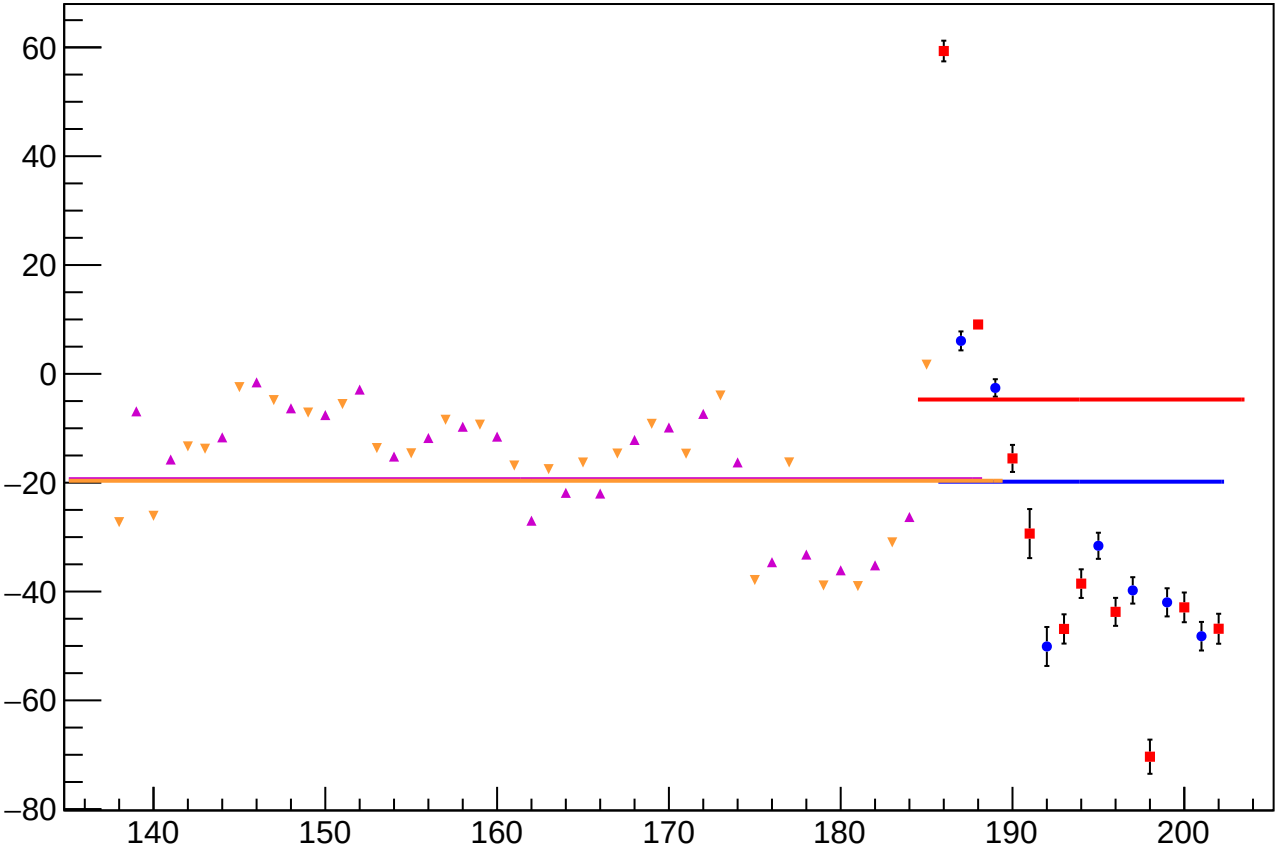
Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

+ sign 0.021+/-0.001 χ^2/NDF: 2453.0/48

All: 0.019+/-0.001 χ^2/NDF: 5537.1/99

- sign 0.018+/-0.001 χ^2/NDF: 3082.3/50

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -19.813+/-0.835 χ^2/NDF: 690.0/6

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: -4.714+/-0.611 χ^2/NDF: 2955.9/9

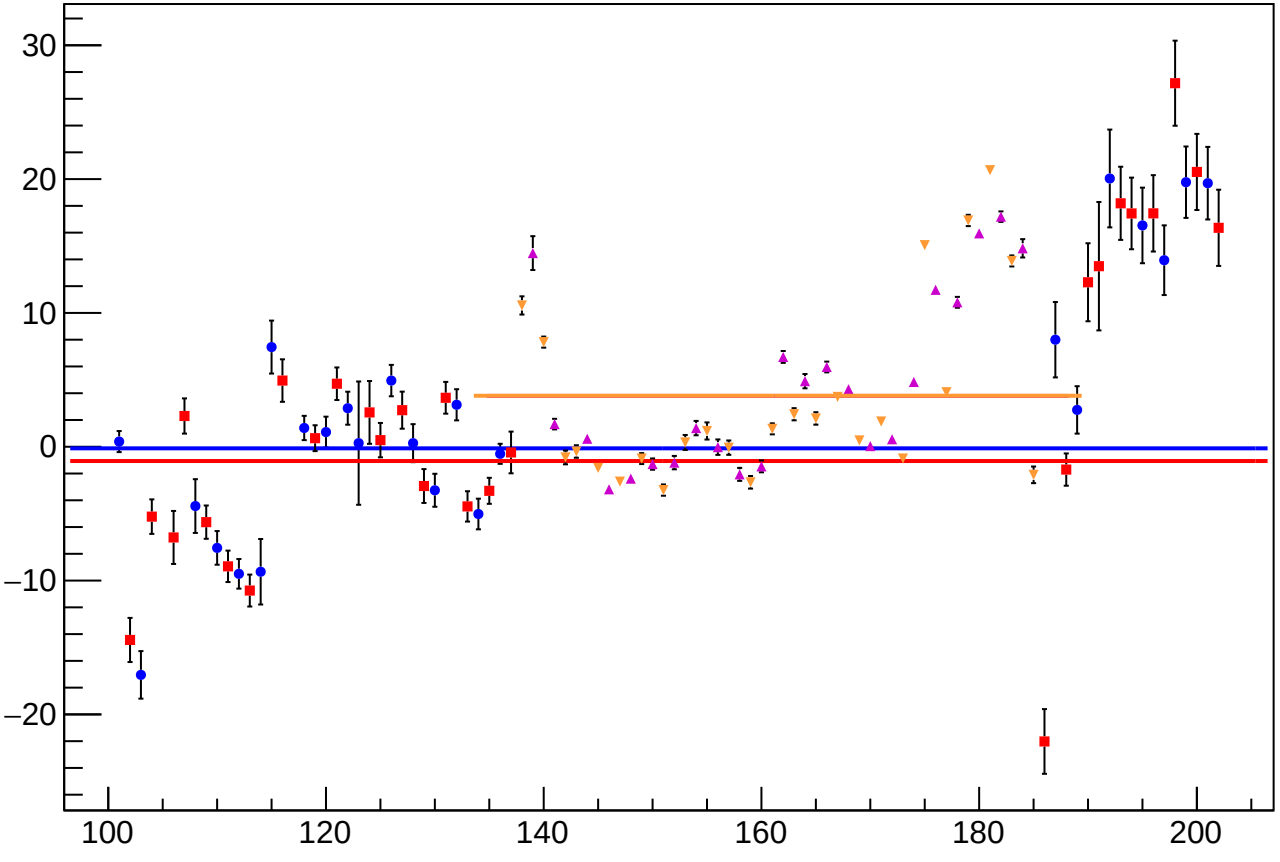
Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

+ sign -19.645+/-0.103 χ^2/NDF: 16420.6/31

All: -19.293+/-0.073 χ^2/NDF: 32375.2/64

- sign -18.938+/-0.103 χ^2/NDF: 15931.0/32

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -0.118+/-0.278 χ^2/NDF: 507.3/23

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -1.066+/-0.281 χ^2/NDF: 718.2/27

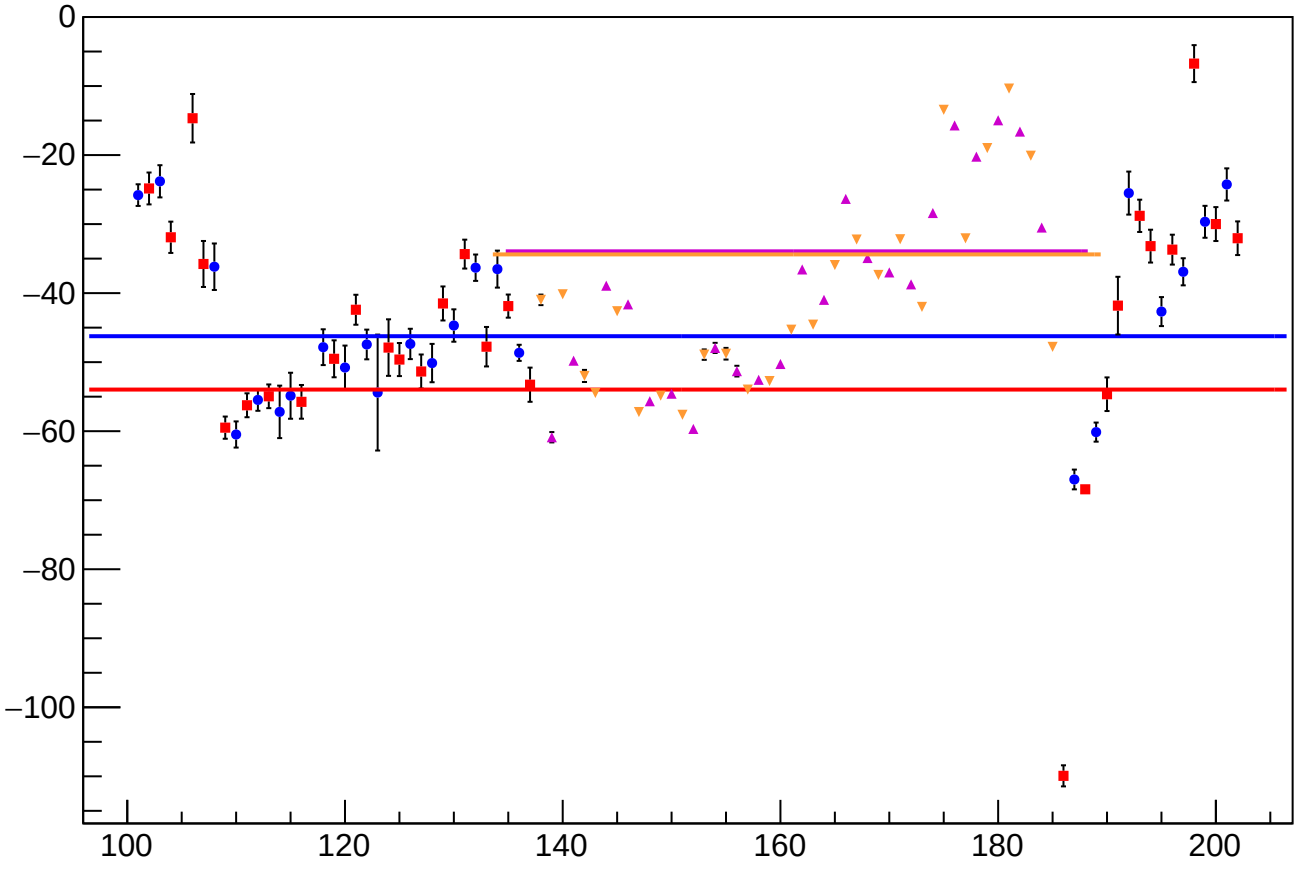
Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

+ sign 3.494+/-0.079 χ^2/NDF: 7809.6/48

All: 3.449+/-0.056 χ^2/NDF: 14338.2/99

- sign 3.402+/-0.080 χ^2/NDF: 6527.9/50

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -46.241+/-0.421 χ^2/NDF: 948.9/23

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -53.971+/-0.368 χ^2/NDF: 3194.4/27

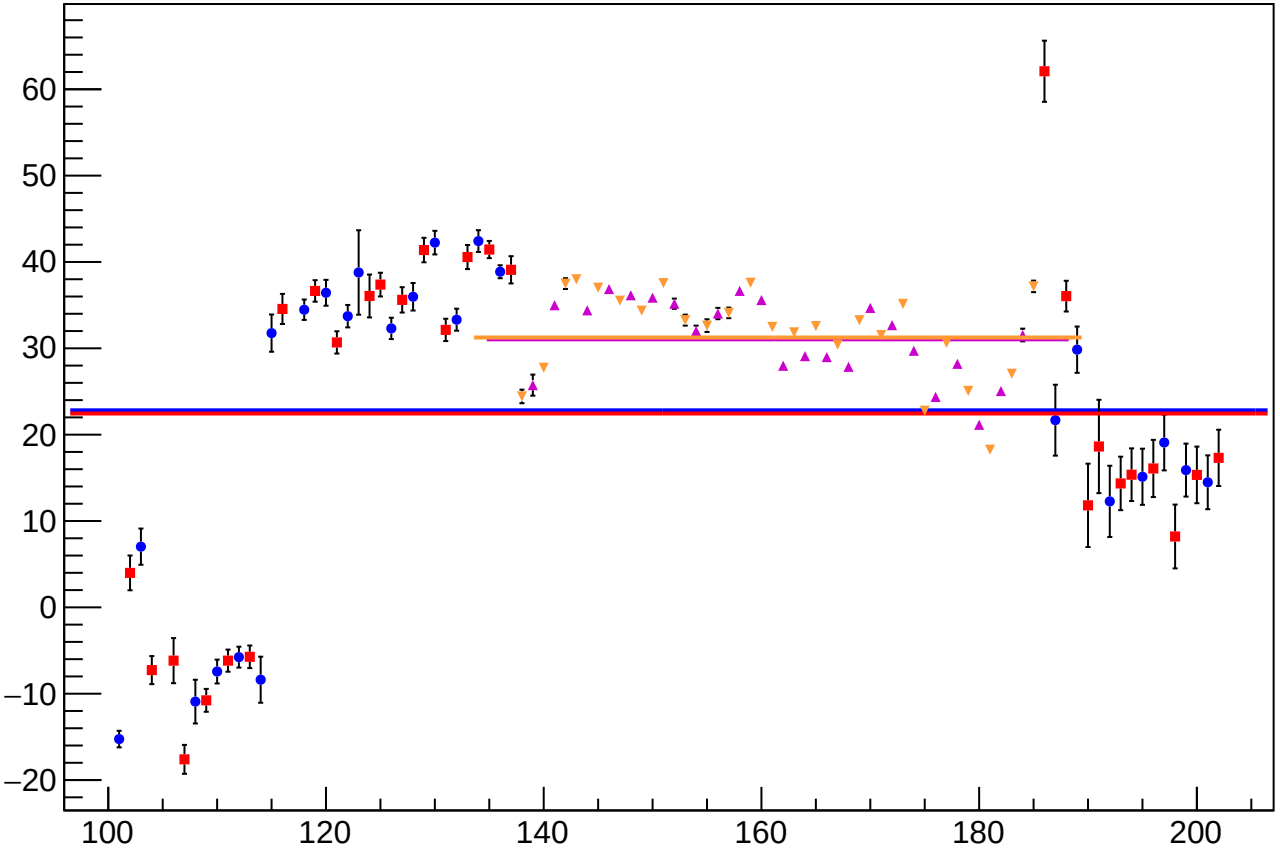
Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

+ sign -35.071+/-0.101 χ^2/NDF: 21726.9/48

All: -35.262+/-0.071 χ^2/NDF: 45528.4/99

- sign -35.453+/-0.101 χ^2/NDF: 23794.4/50

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.819+/-0.315 χ^2/NDF: 4379.2/23

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.450+/-0.321 χ^2/NDF: 4254.2/27

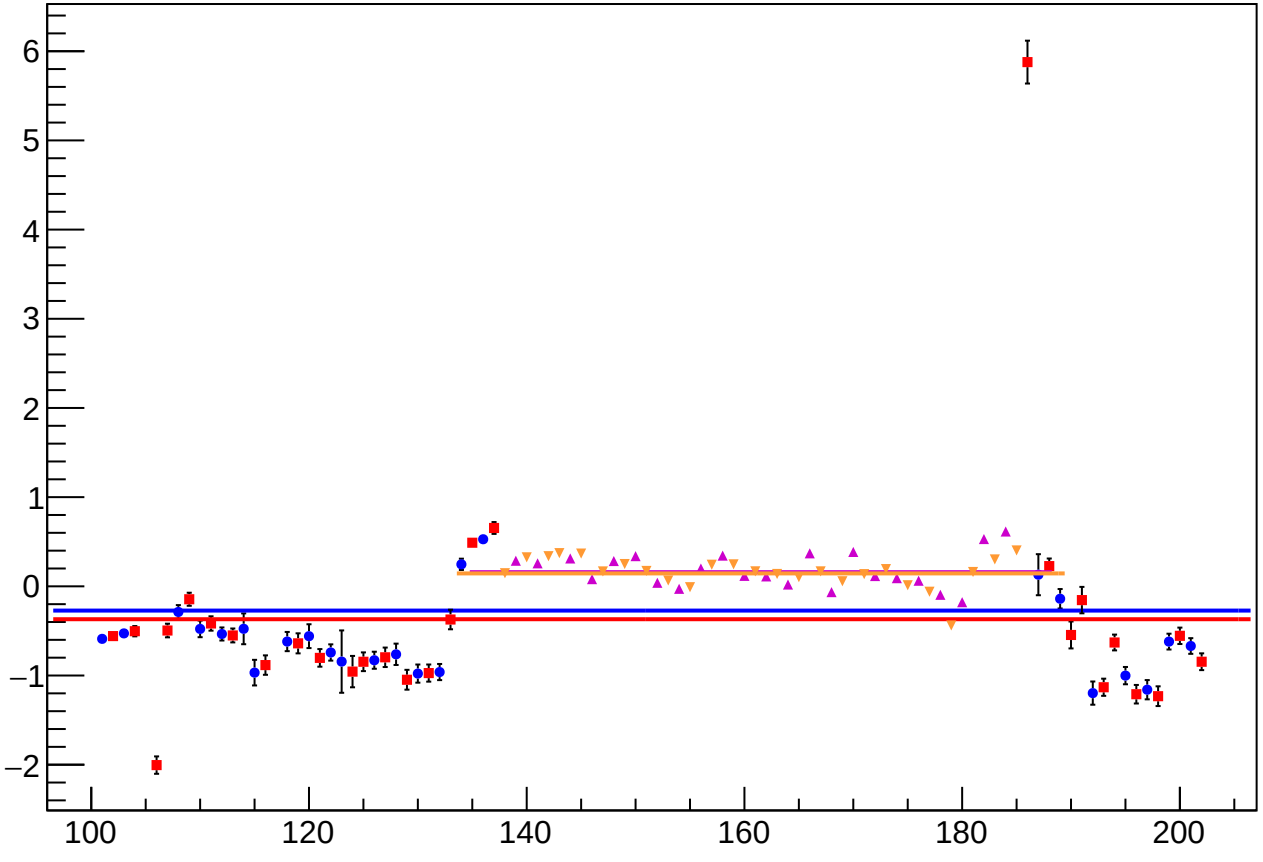
Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

+ sign 30.583+/-0.089 χ^2/NDF: 8343.6/48

All: 30.476+/-0.063 χ^2/NDF: 15747.2/99

- sign 30.366+/-0.090 χ^2/NDF: 7400.7/50

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.272+/-0.016 χ^2/NDF: 1238.6/23

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.369+/-0.016 χ^2/NDF: 2141.1/27

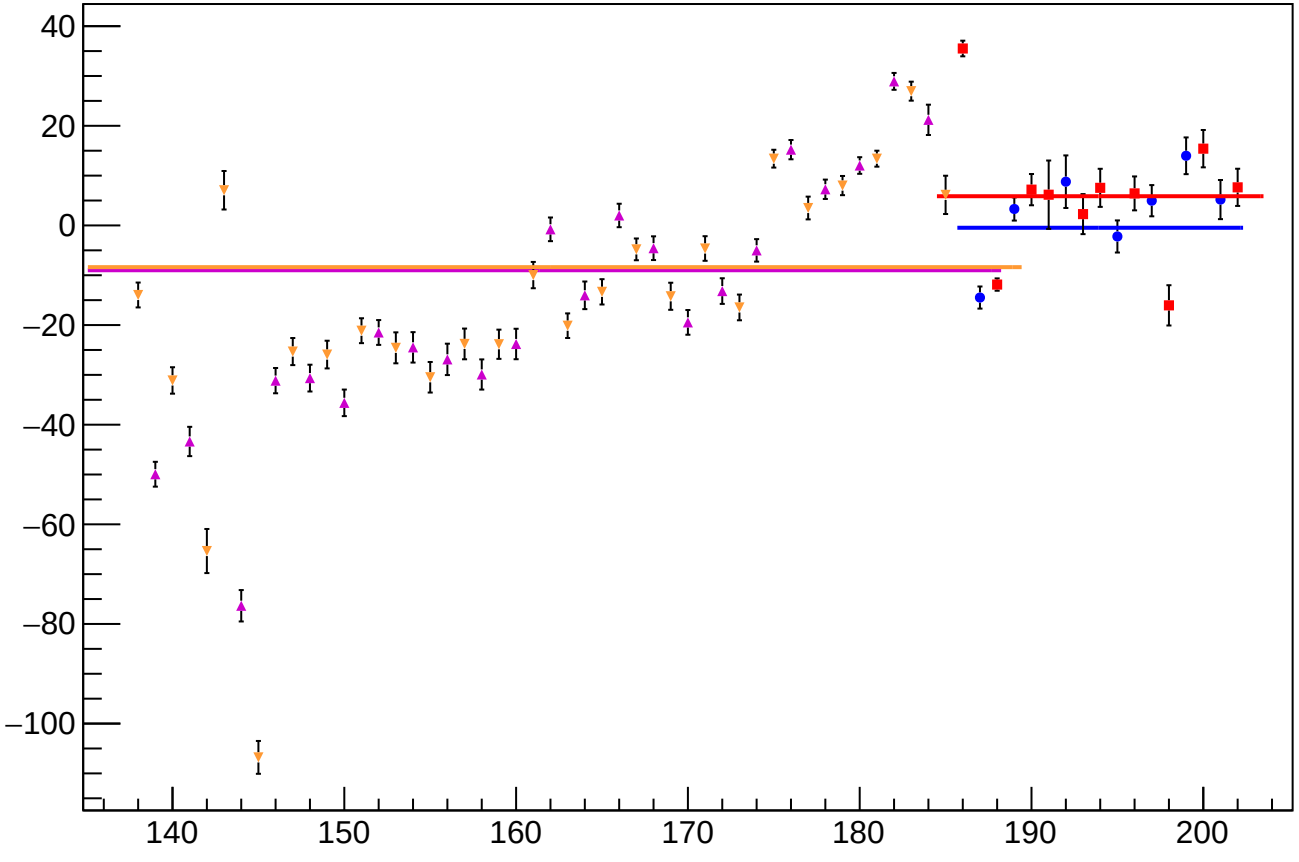
Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

+ sign 0.118+/-0.004 χ^2/NDF: 3427.7/48

All: 0.121+/-0.003 χ^2/NDF: 8603.7/99

- sign 0.124+/-0.004 χ^2/NDF: 5175.1/50

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -0.467+/-1.147 χ^2/NDF: 66.3/6

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 5.863+/-0.790 χ^2/NDF: 598.4/9

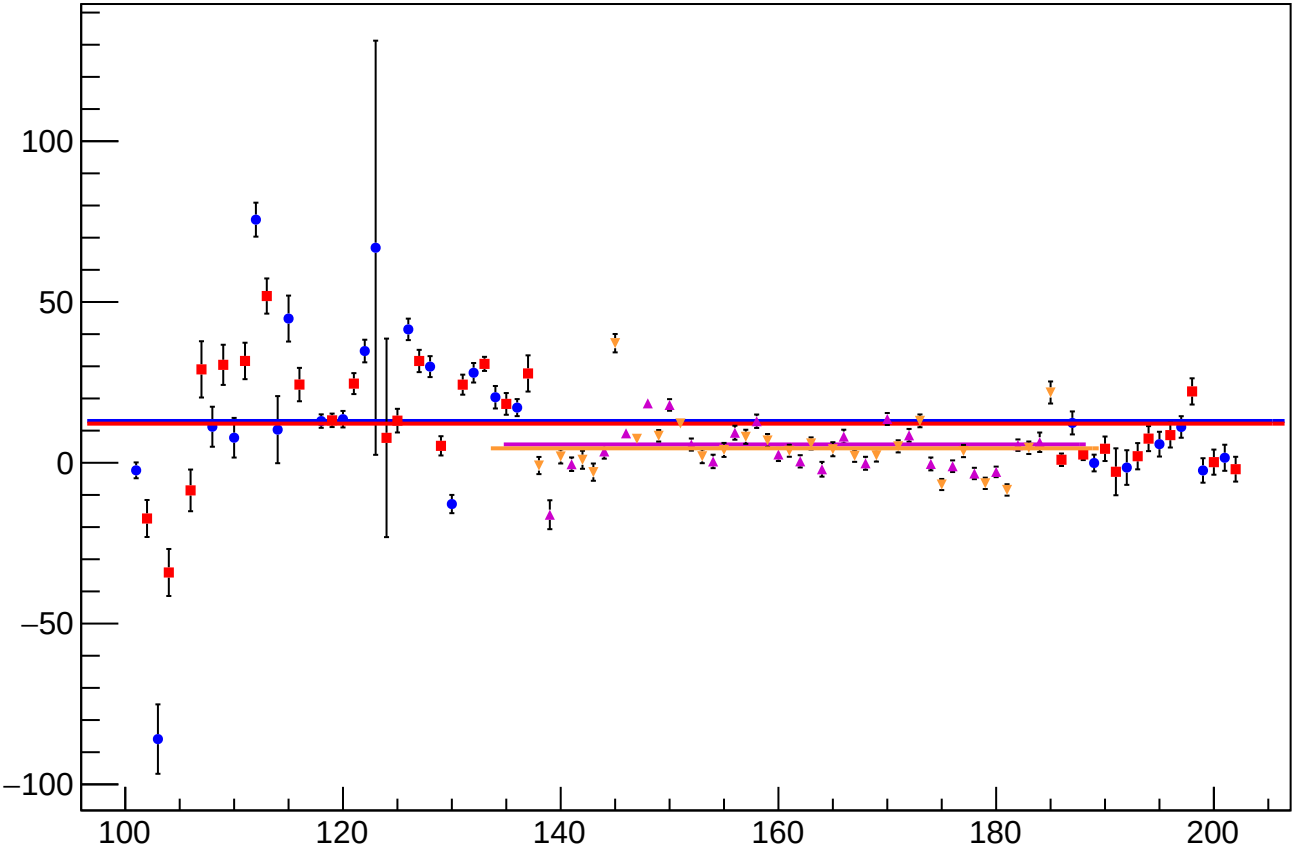
Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

+ sign -7.111+/-0.459 χ^2/NDF: 2330.2/31

All: -5.809+/-0.312 χ^2/NDF: 5502.7/64

- sign -4.687+/-0.426 χ^2/NDF: 3157.5/32

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 12.996+/-0.718 χ^2/NDF: 597.6/23

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 12.172+/-0.658 χ^2/NDF: 418.6/27

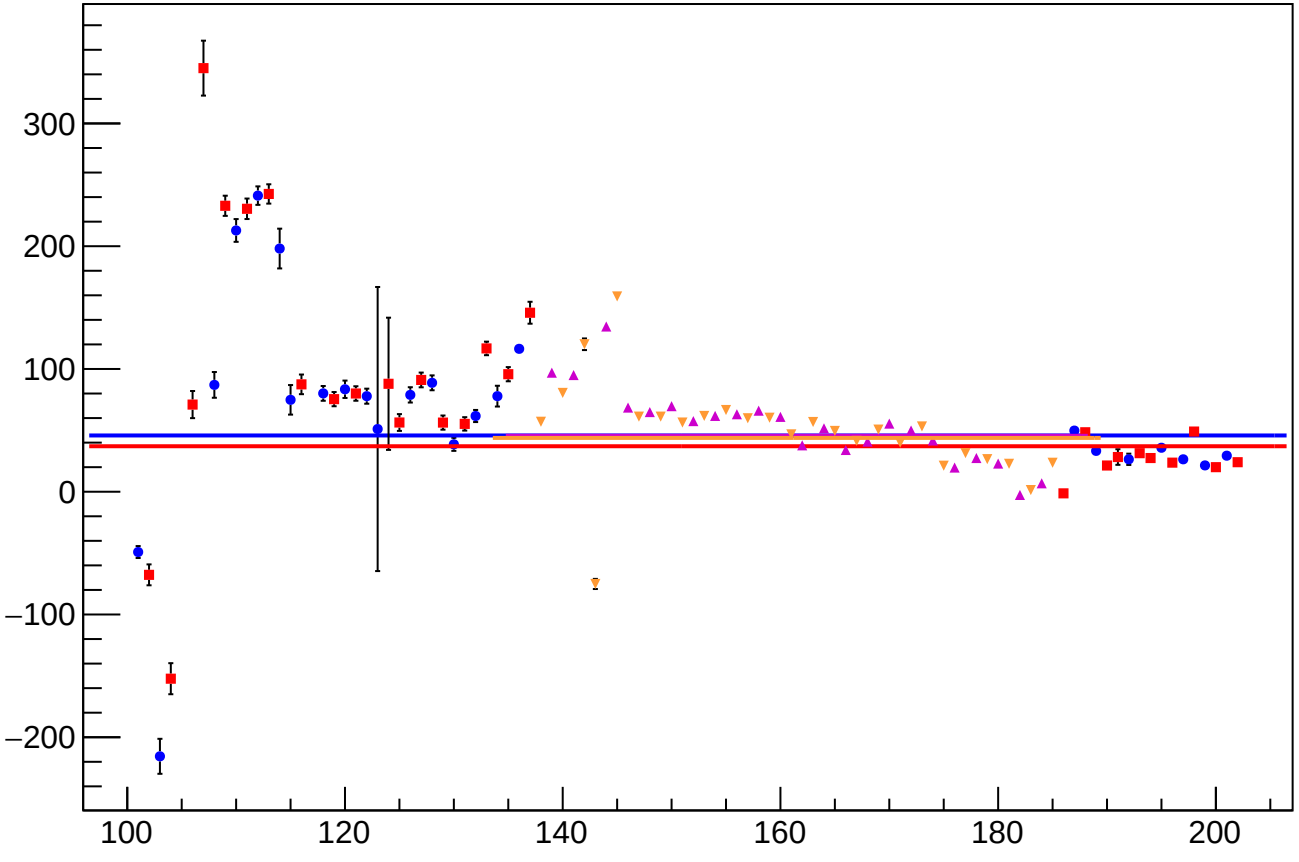
Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

+ sign 6.452+/-0.345 χ^2/NDF: 1077.6/48

All: 6.960+/-0.243 χ^2/NDF: 1900.0/99

- sign 7.465+/-0.344 χ^2/NDF: 818.0/50

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 45.836+/-0.834 χ^2/NDF: 2529.9/23

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 37.055+/-0.613 χ^2/NDF: 4247.4/27

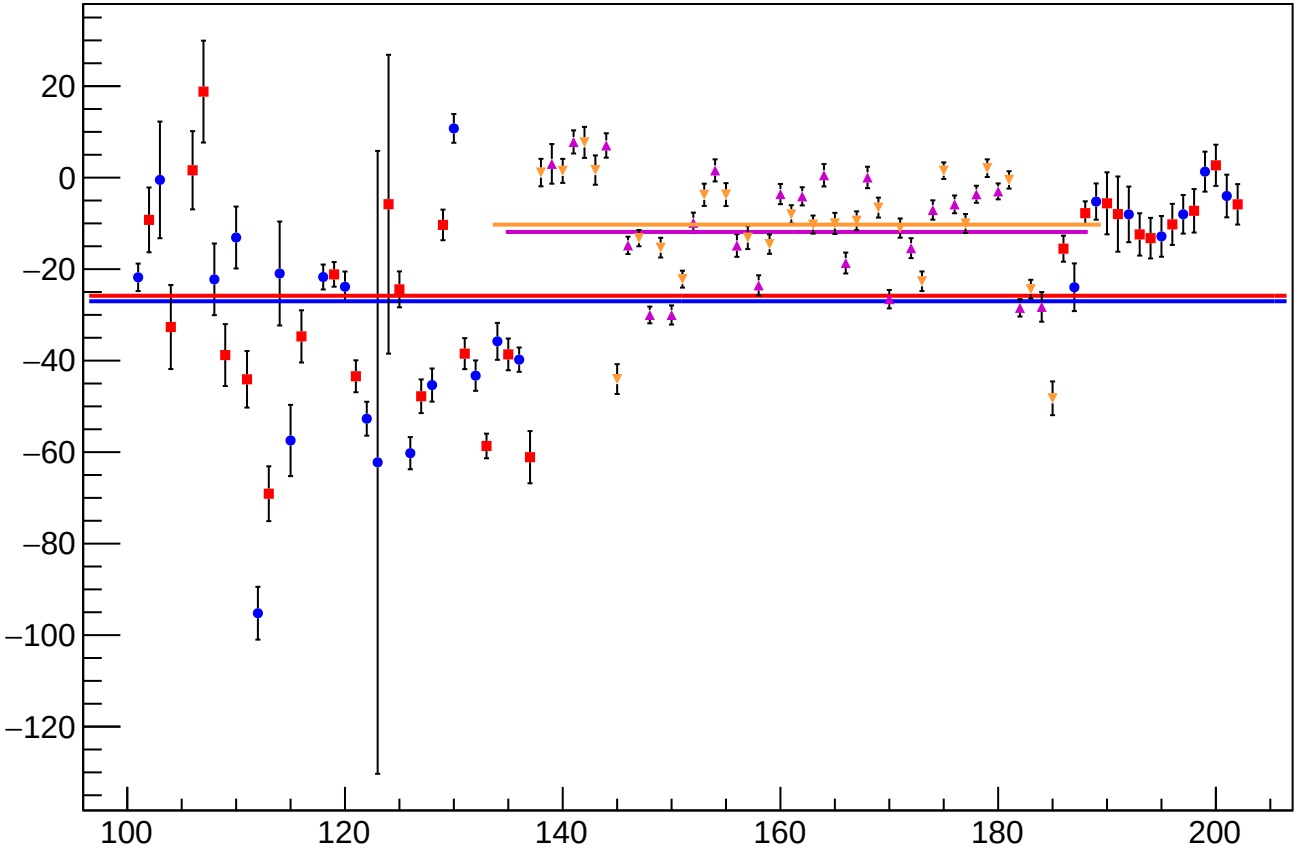
Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

+ sign 44.366+/-0.428 χ^2/NDF: 6215.1/48

All: 43.146+/-0.288 χ^2/NDF: 13744.8/99

- sign 42.141+/-0.389 χ^2/NDF: 7514.9/50

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -27.019+/-0.848 χ^2/NDF: 668.2/23

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -25.817+/-0.803 χ^2/NDF: 580.1/27

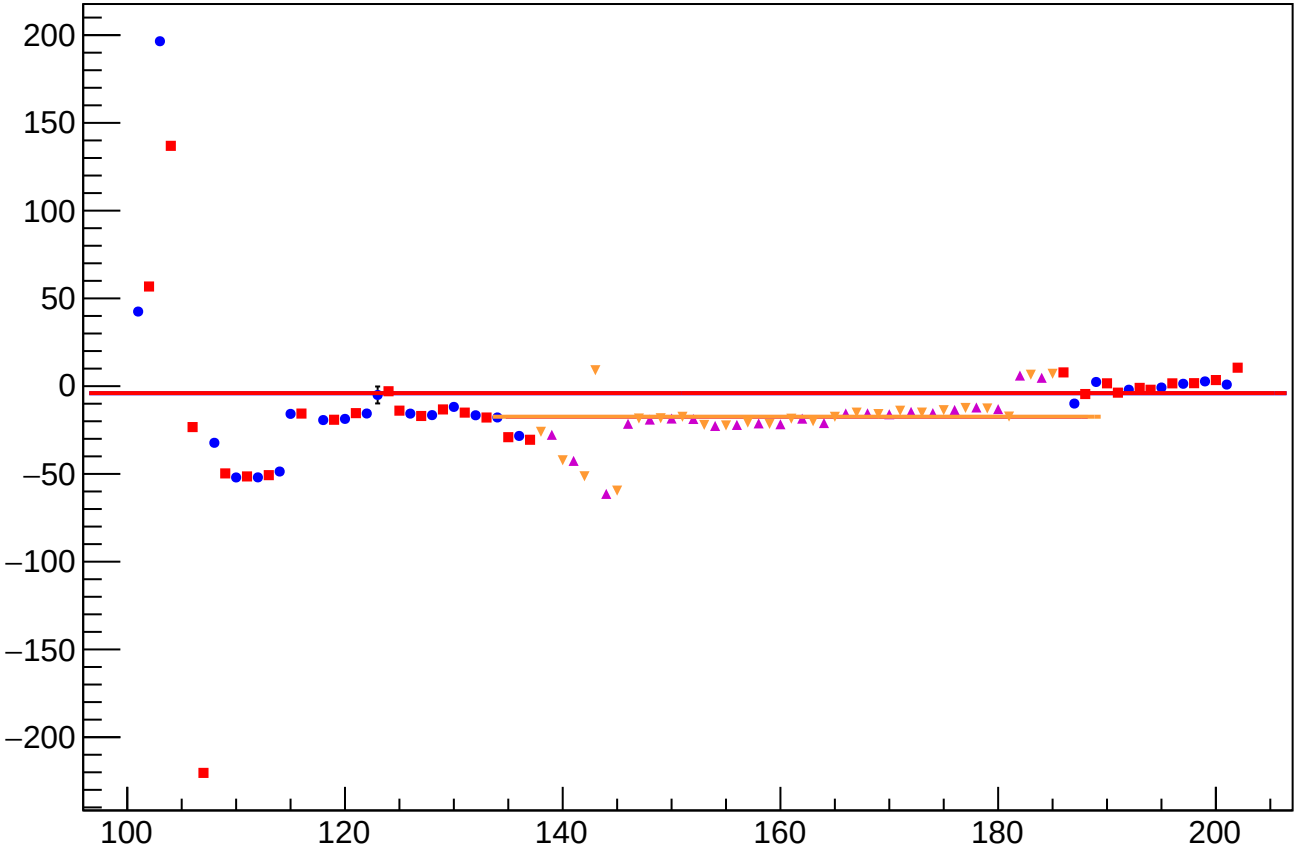
Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

+ sign -13.885+/-0.394 χ^2/NDF: 1528.0/48

All: -14.569+/-0.279 χ^2/NDF: 3010.8/99

- sign -15.260+/-0.396 χ^2/NDF: 1476.7/50

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -4.055+/-0.041 χ^2/NDF: 590589.2/23

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -3.956+/-0.037 χ^2/NDF: 598688.9/27

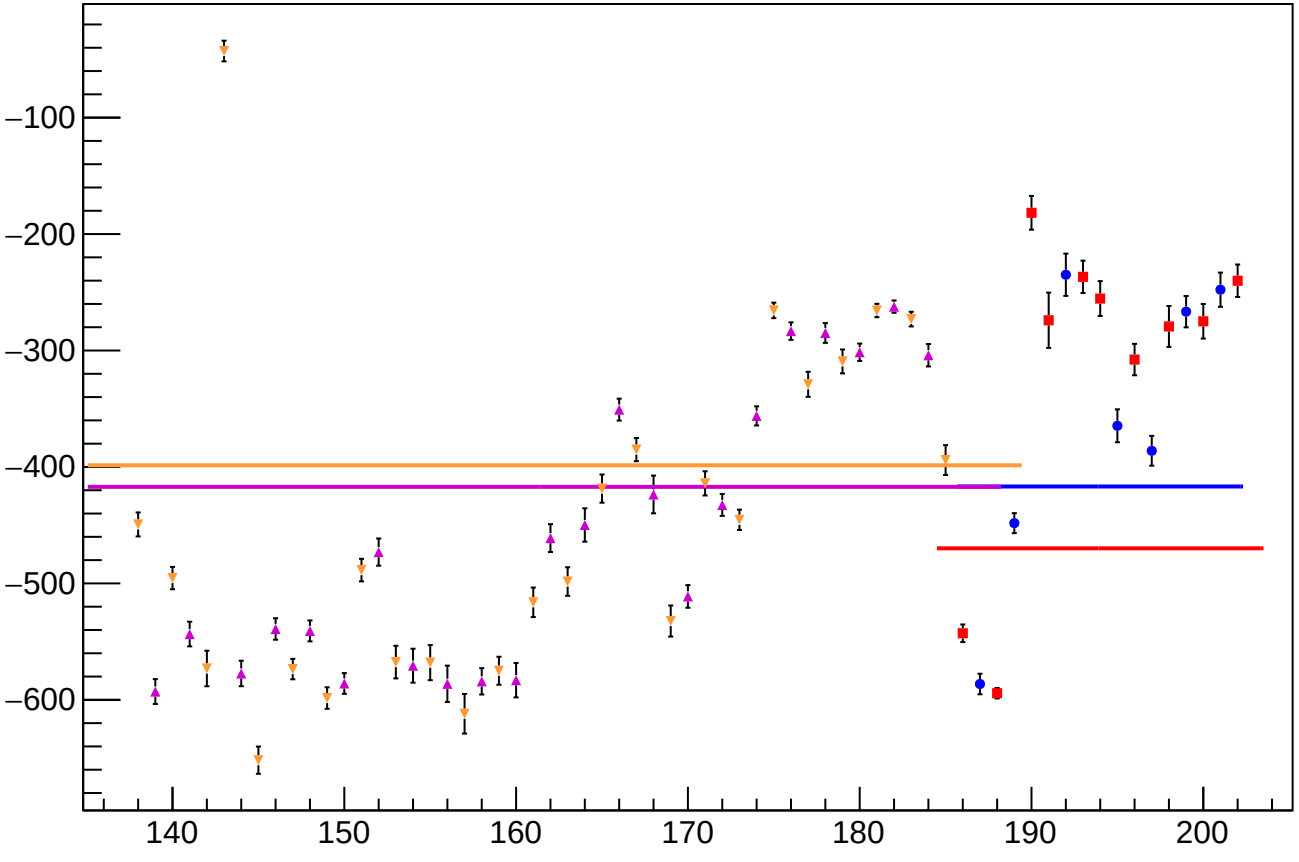
Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

+ sign -14.788+/-0.018 χ^2/NDF: 994773.4/48

All: -14.585+/-0.013 χ^2/NDF: 1957102.3/99

- sign -14.387+/-0.018 χ^2/NDF: 962086.1/50

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -416.768+/-4.440 χ^2/NDF: 759.8/6

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -469.883+/-3.133 χ^2/NDF: 2520.7/9

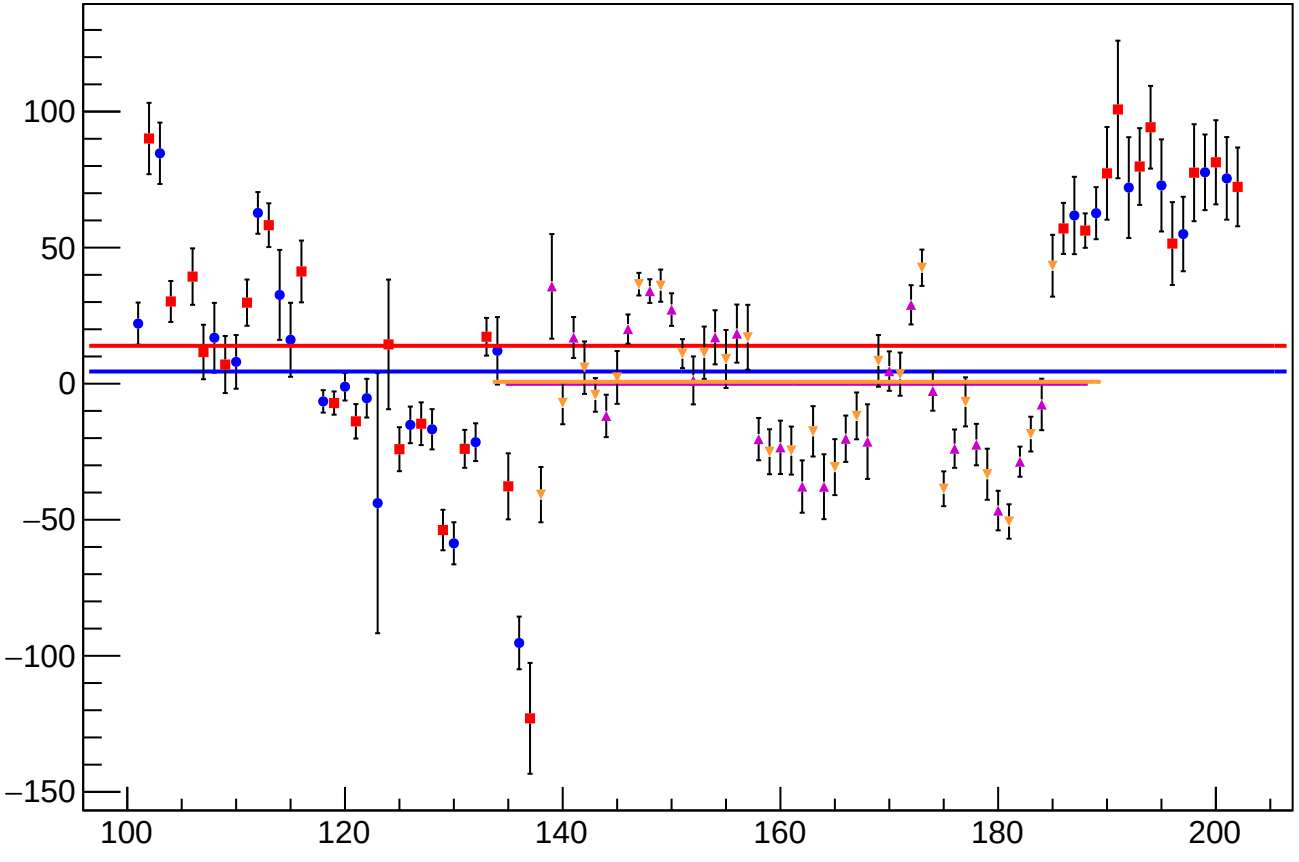
Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

+ sign -401.530+/-1.794 χ^2/NDF: 6433.5/31

All: -417.906+/-1.228 χ^2/NDF: 13271.3/64

- sign -432.331+/-1.684 χ^2/NDF: 6681.2/32

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 4.477+/-1.775 χ^2/NDF: 479.6/23

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 13.922+/-1.721 χ^2/NDF: 534.7/27

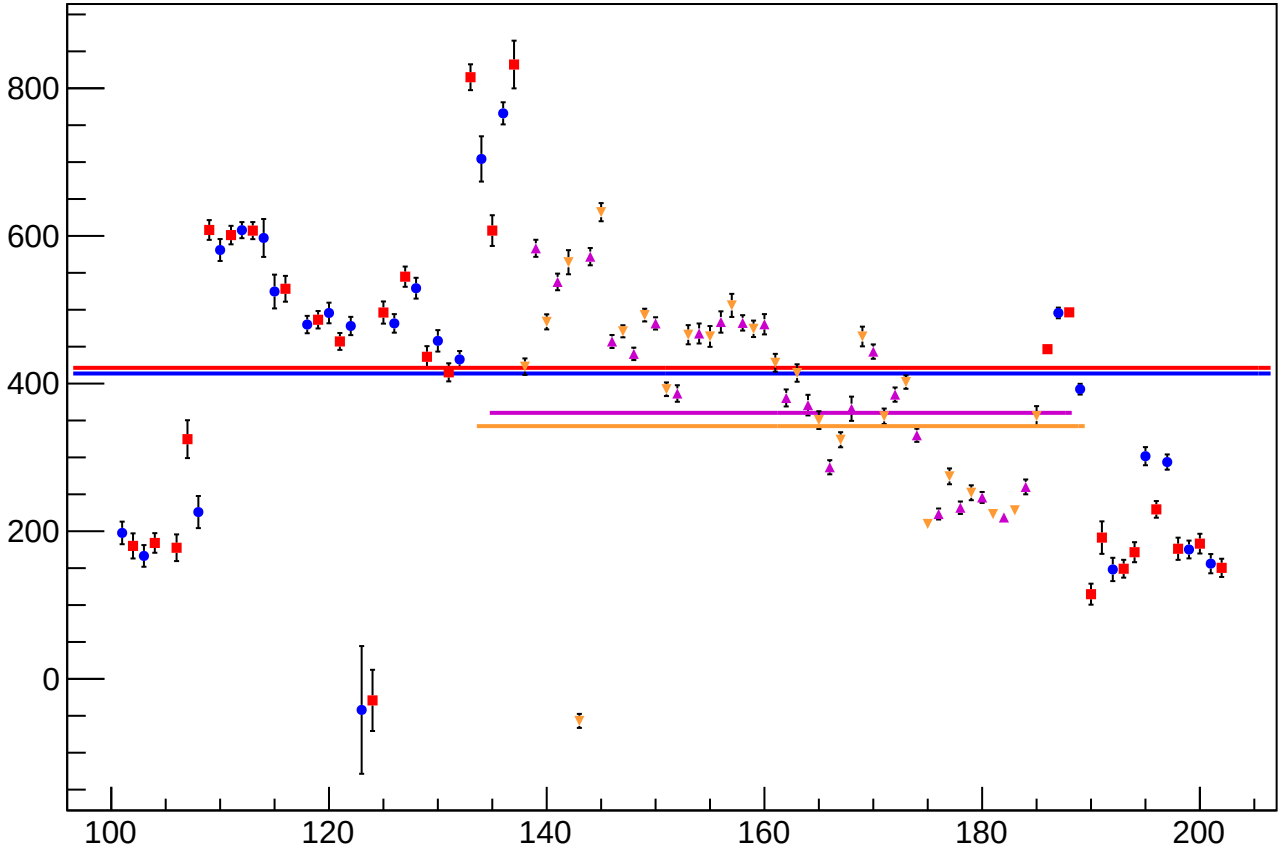
Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

+ sign 2.285+/-1.150 χ^2/NDF: 832.2/48

All: 4.275+/-0.817 χ^2/NDF: 1673.0/99

- sign 6.300+/-1.160 χ^2/NDF: 834.8/50

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 413.646+/-2.612 χ^2/NDF: 3367.1/23

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 421.327+/-2.097 χ^2/NDF: 5651.0/27

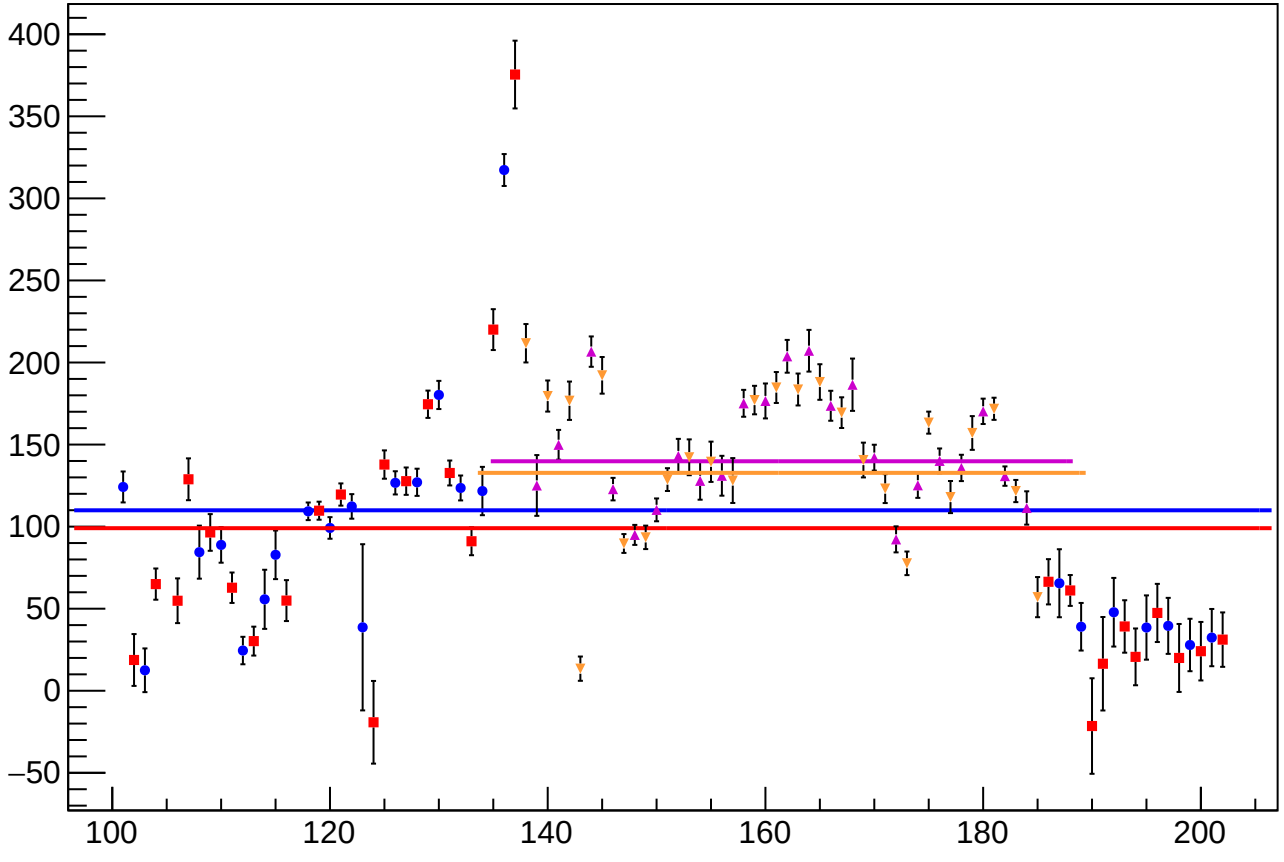
Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

+ sign 368.207+/-1.573 χ^2/NDF: 9023.5/48

All: 379.657+/-1.064 χ^2/NDF: 18665.8/99

- sign 389.330+/-1.446 χ^2/NDF: 9544.6/50

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 109.951+/-2.082 χ^2/NDF: 832.9/23

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 99.052+/-2.029 χ^2/NDF: 726.6/27

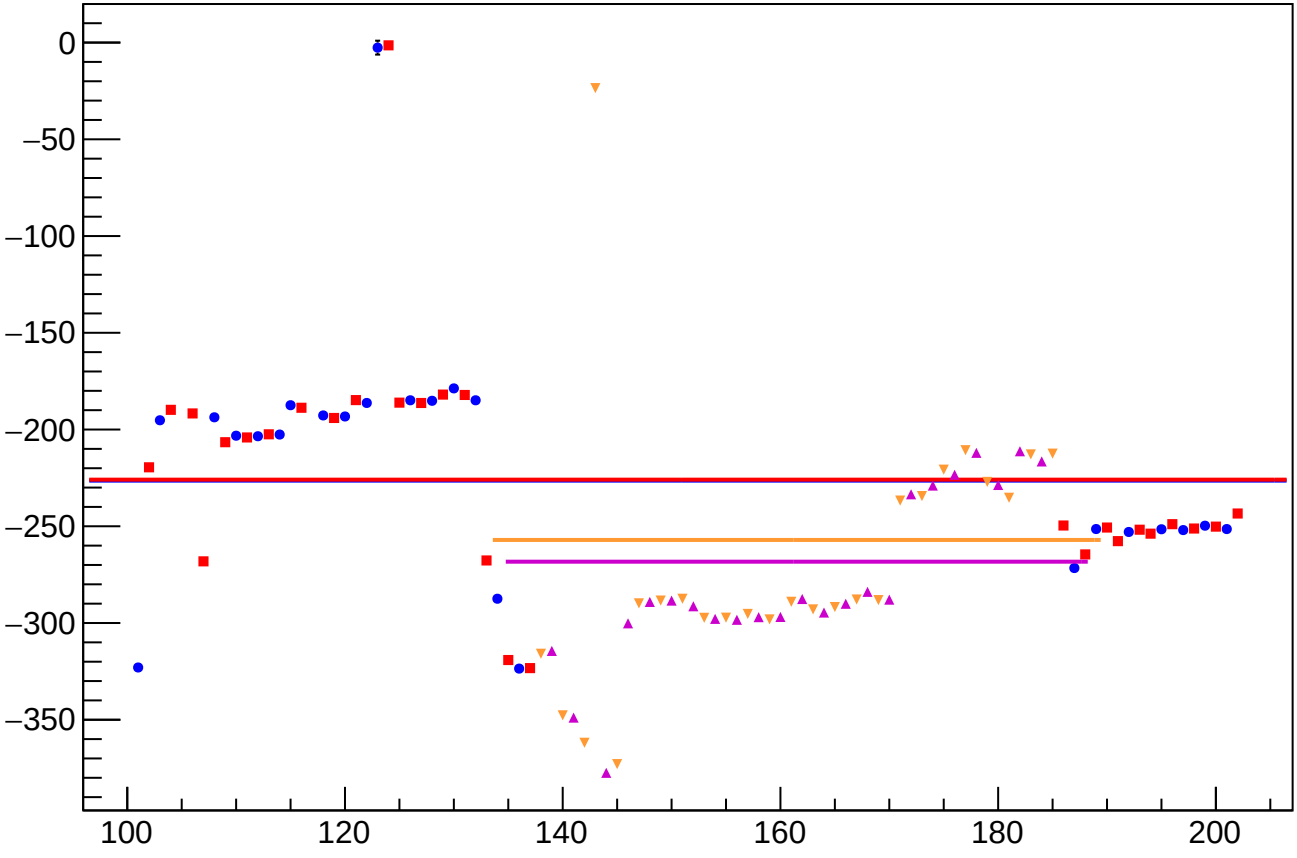
Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

+ sign 123.412+/-1.333 χ^2/NDF: 1653.3/48

All: 122.705+/-0.946 χ^2/NDF: 2929.2/99

- sign 121.989+/-1.342 χ^2/NDF: 1275.4/50

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -226.403+/-0.116 χ^2/NDF: 165679.6/23

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -225.909+/-0.106 χ^2/NDF: 145802.1/27

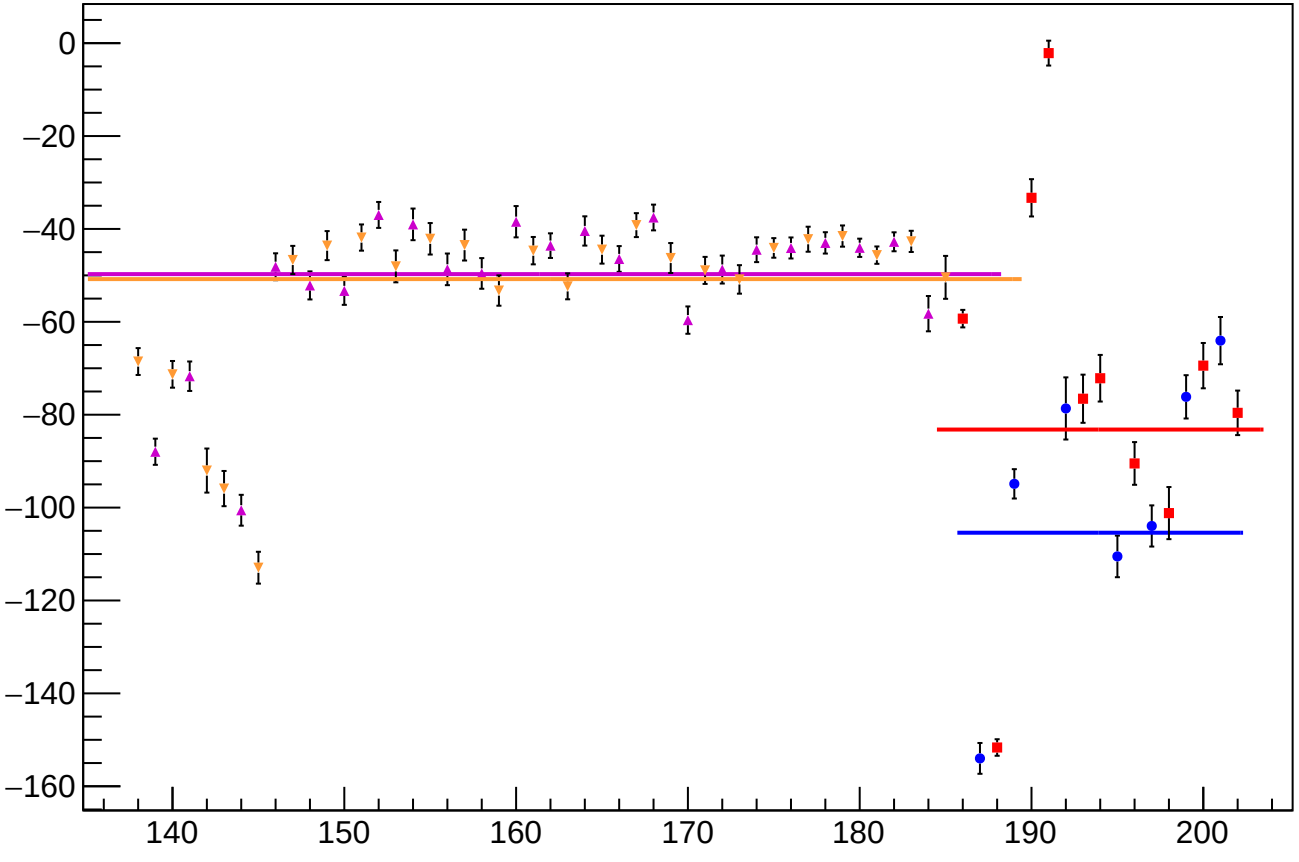
Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

+ sign -246.766+/-0.067 χ^2/NDF: 878100.4/48

All: -249.502+/-0.047 χ^2/NDF: 1391038.7/99

- sign -252.110+/-0.065 χ^2/NDF: 509686.9/50

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -105.408+/-1.584 χ^2/NDF: 348.3/6

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -83.194+/-0.981 χ^2/NDF: 2736.3/9

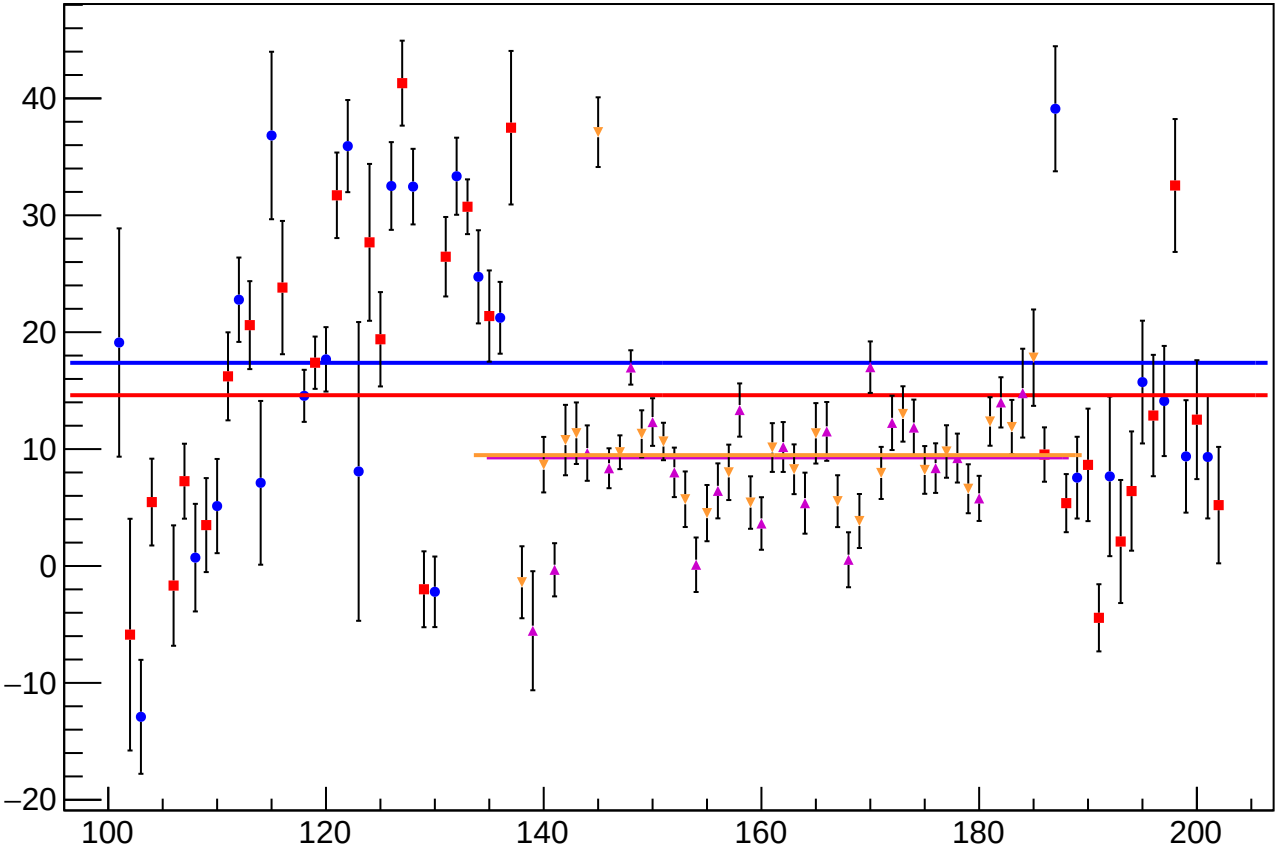
Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

+ sign -57.138+/-0.540 χ^2/NDF: 2151.8/31

All: -57.834+/-0.367 χ^2/NDF: 6353.6/64

- sign -58.432+/-0.500 χ^2/NDF: 4198.7/32

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 17.380+/-0.812 χ^2/NDF: 237.7/23

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.610+/-0.695 χ^2/NDF: 308.0/27

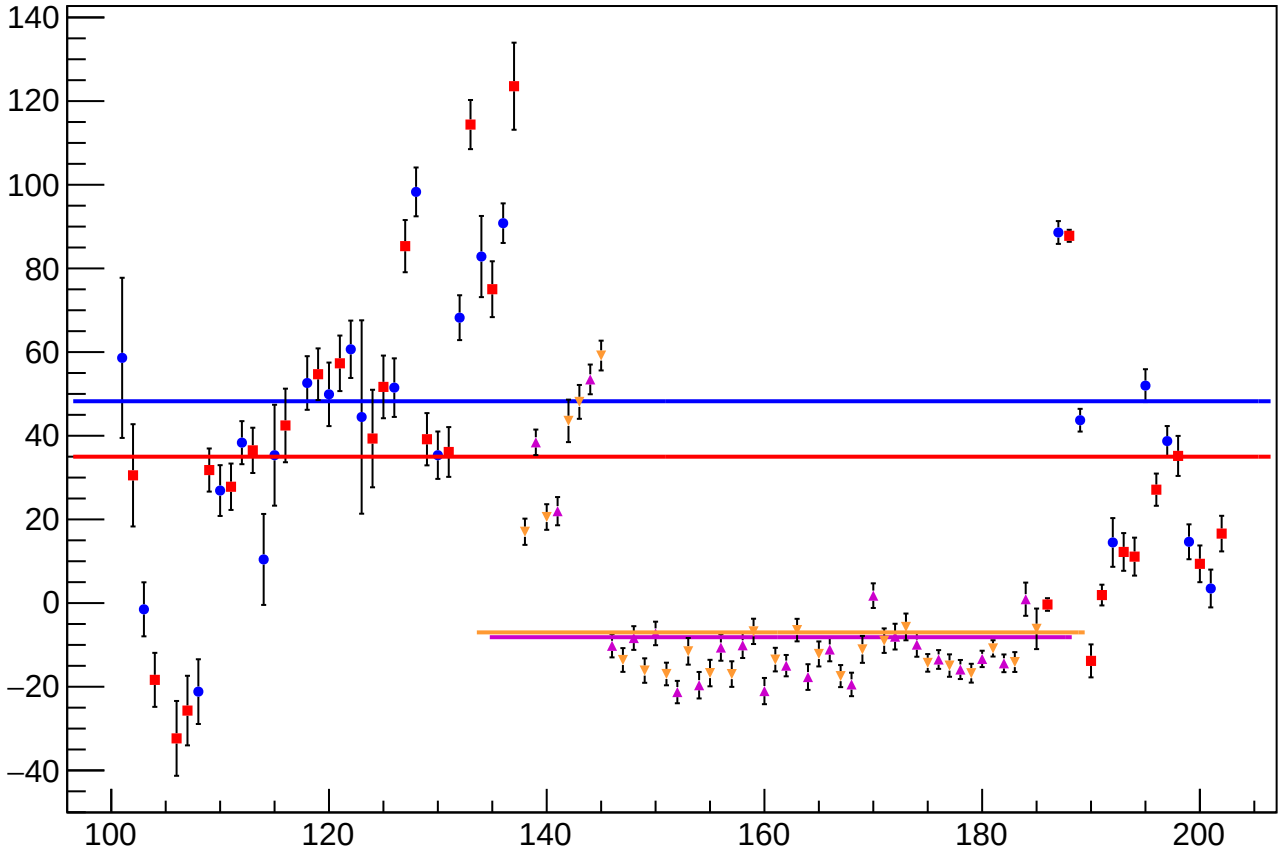
Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

+ sign 11.320+/-0.391 χ^2/NDF: 443.4/48

All: 11.113+/-0.274 χ^2/NDF: 918.3/99

- sign 10.913+/-0.384 χ^2/NDF: 474.4/50

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 48.250+/-1.050 χ^2/NDF: 786.0/23

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 34.994+/-0.734 χ^2/NDF: 2905.1/27

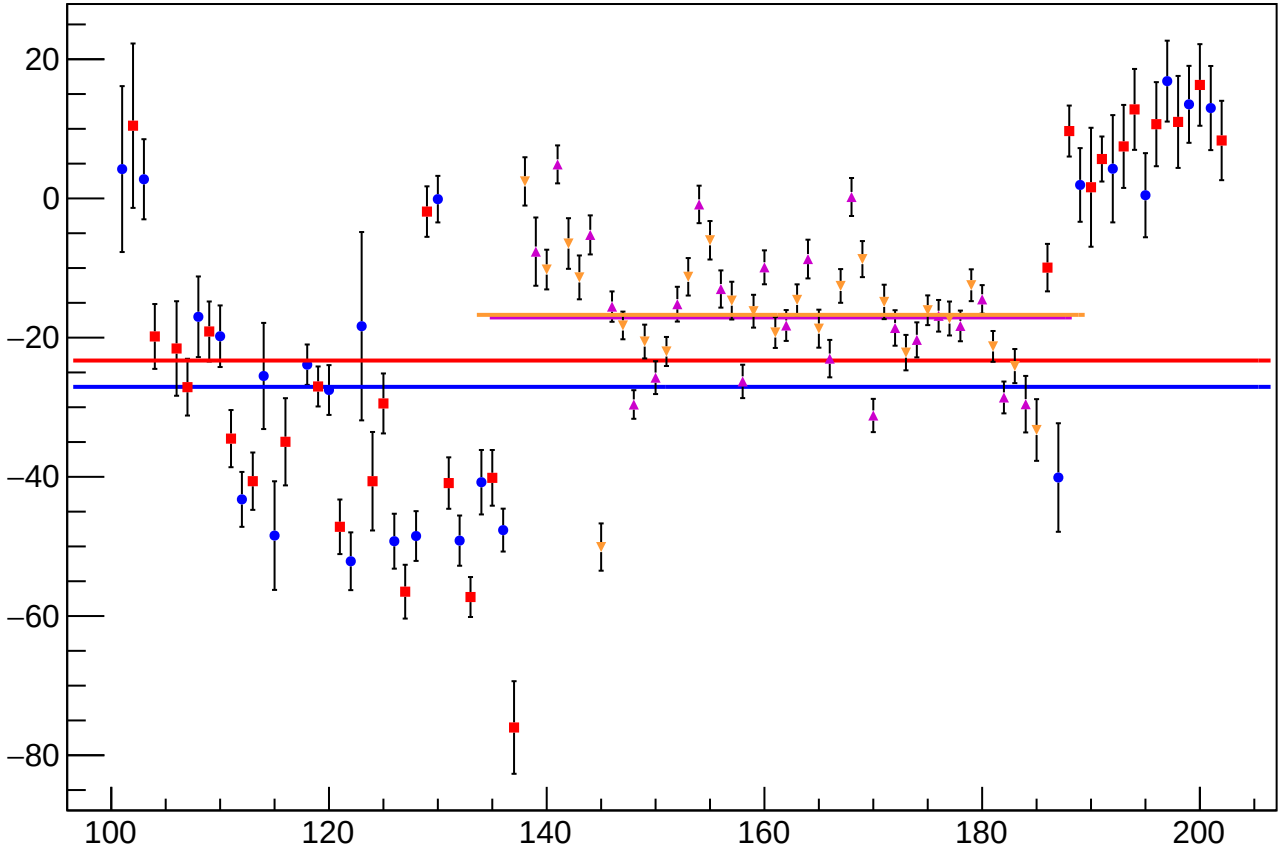
Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

+ sign 5.644+/-0.502 χ^2/NDF: 3822.5/48

All: 7.130+/-0.337 χ^2/NDF: 9631.3/99

- sign 8.344+/-0.454 χ^2/NDF: 5792.9/50

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -27.073+/-0.944 χ^2/NDF: 550.4/23

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -23.290+/-0.830 χ^2/NDF: 822.9/27

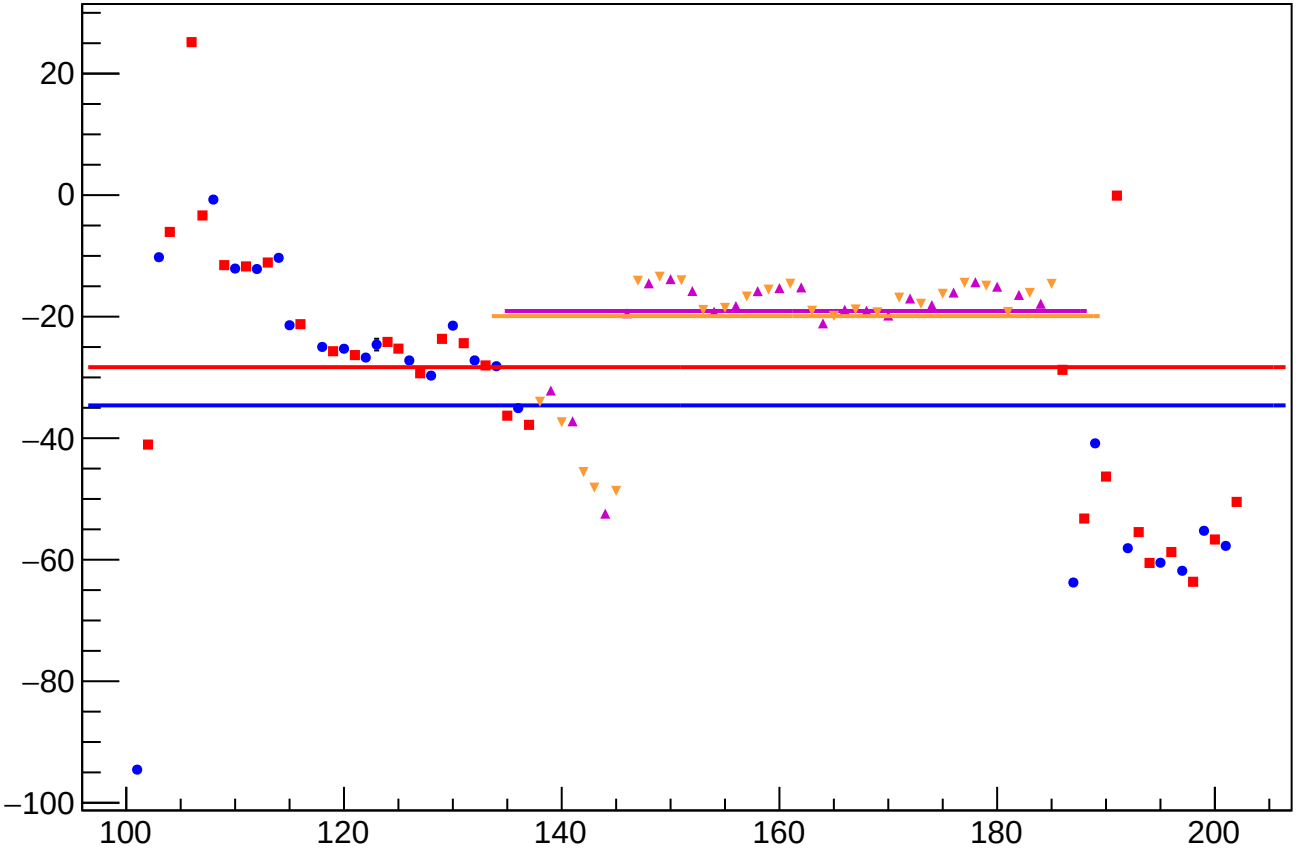
Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

+ sign -19.050+/-0.447 χ^2/NDF: 867.0/48

All: -18.948+/-0.314 χ^2/NDF: 2058.0/99

- sign -18.848+/-0.441 χ^2/NDF: 1190.9/50

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -34.605+/-0.046 χ^2/NDF: 189212.5/23

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -28.314+/-0.038 χ^2/NDF: 397360.2/27

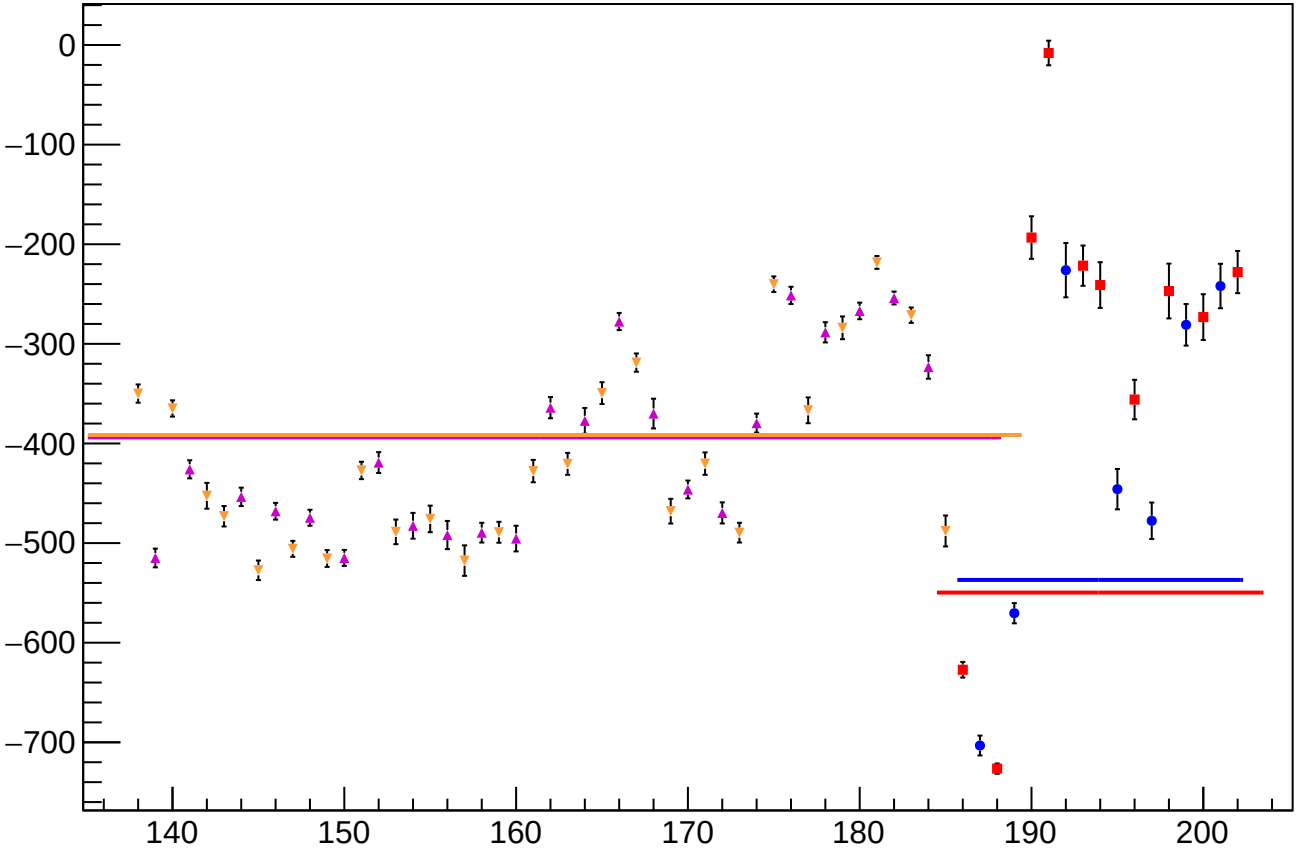
Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

+ sign -22.884+/-0.021 χ^2/NDF: 410376.0/48

All: -22.228+/-0.014 χ^2/NDF: 944815.4/99

- sign -21.621+/-0.020 χ^2/NDF: 532533.7/50

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -536.973+/-5.697 χ^2/NDF: 775.2/6

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -549.677+/-3.663 χ^2/NDF: 4495.2/9

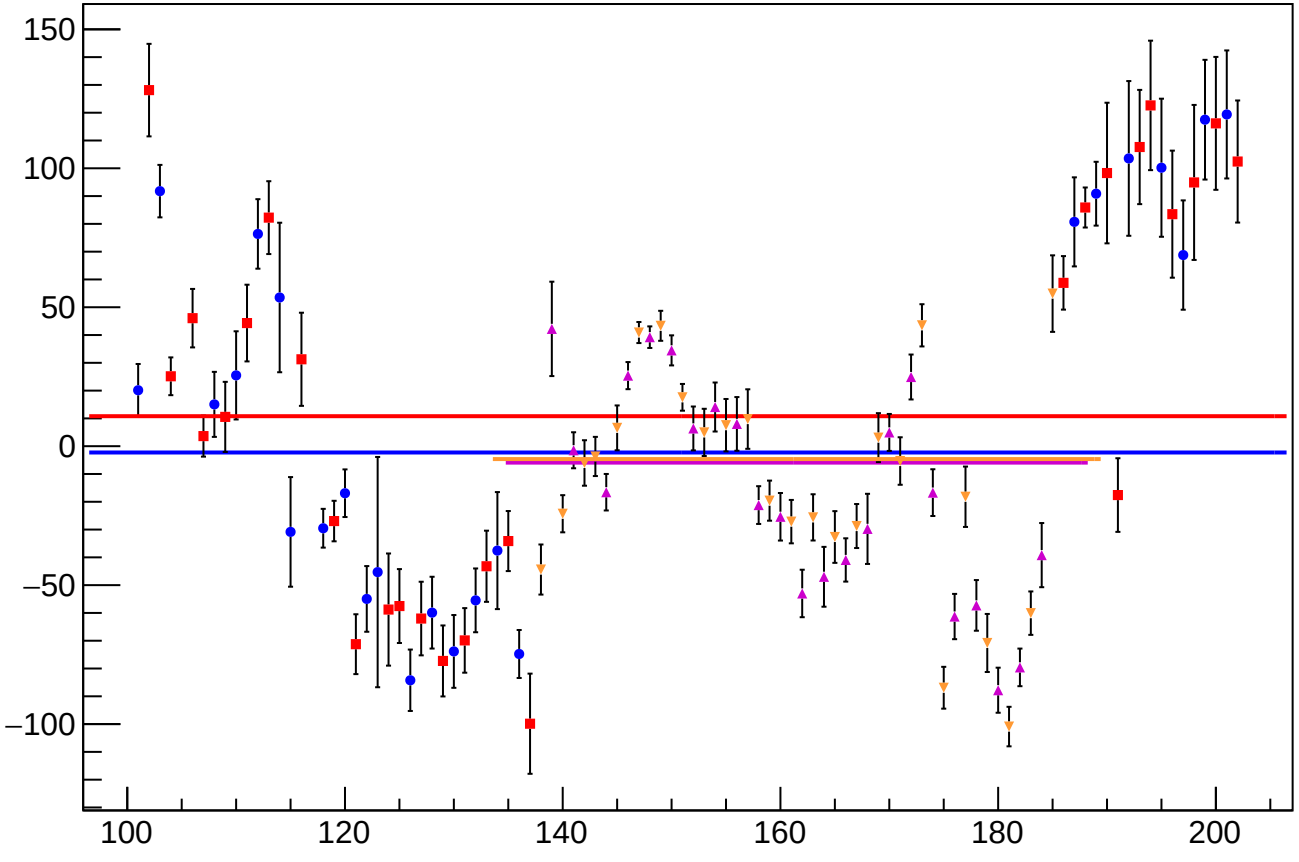
Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

+ sign -407.049+/-1.864 χ^2/NDF: 4066.2/31

All: -419.020+/-1.277 χ^2/NDF: 12313.9/64

- sign -429.619+/-1.754 χ^2/NDF: 8169.9/32

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -2.268+/-2.580 χ^2/NDF: 590.8/23

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 10.793+/-2.267 χ^2/NDF: 676.7/27

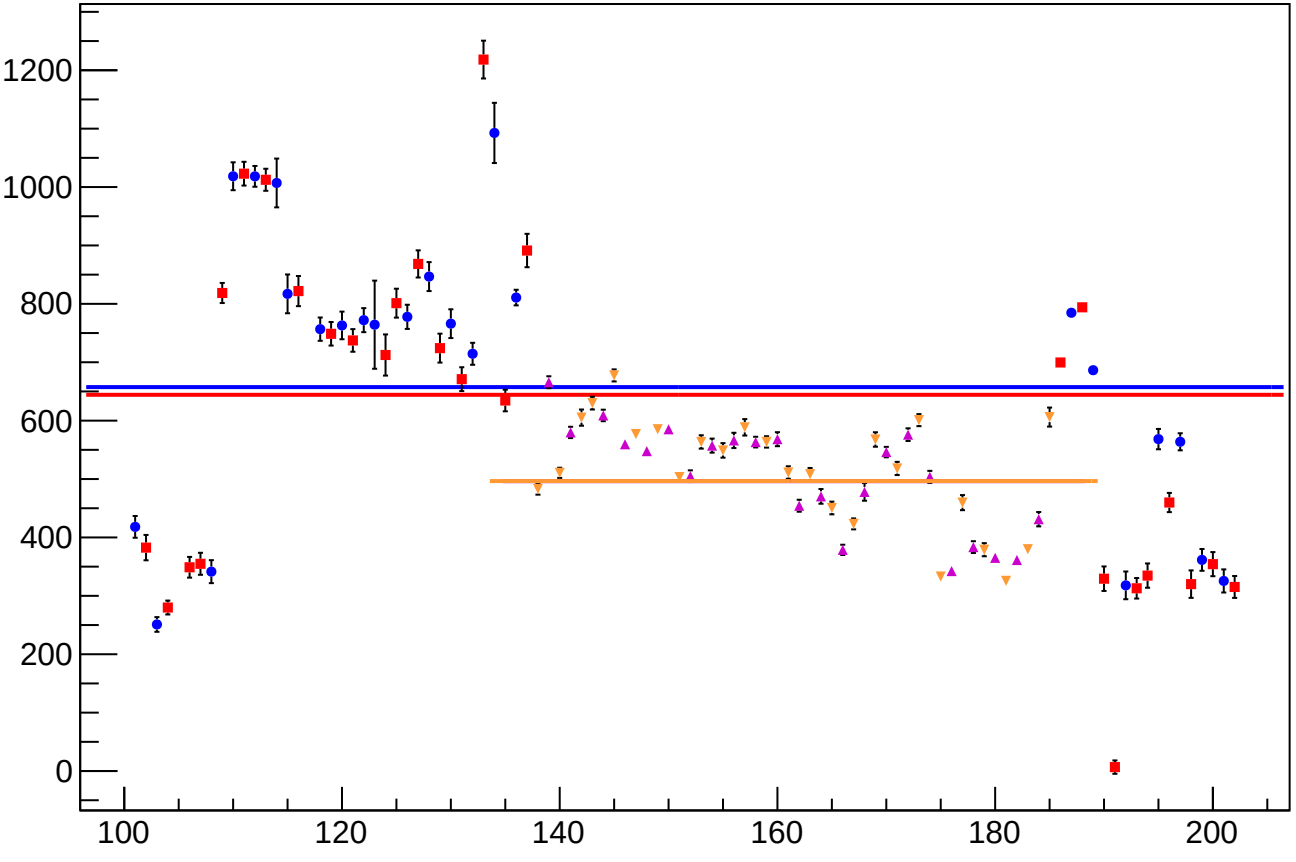
Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

+ sign -4.057+/-1.276 χ^2/NDF: 1362.8/48

All: -2.385+/-0.896 χ^2/NDF: 2738.1/99

- sign -0.758+/-1.259 χ^2/NDF: 1371.8/50

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 657.438+/-3.462 χ^2/NDF: 3657.4/23

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 644.256+/-2.554 χ^2/NDF: 9160.8/27

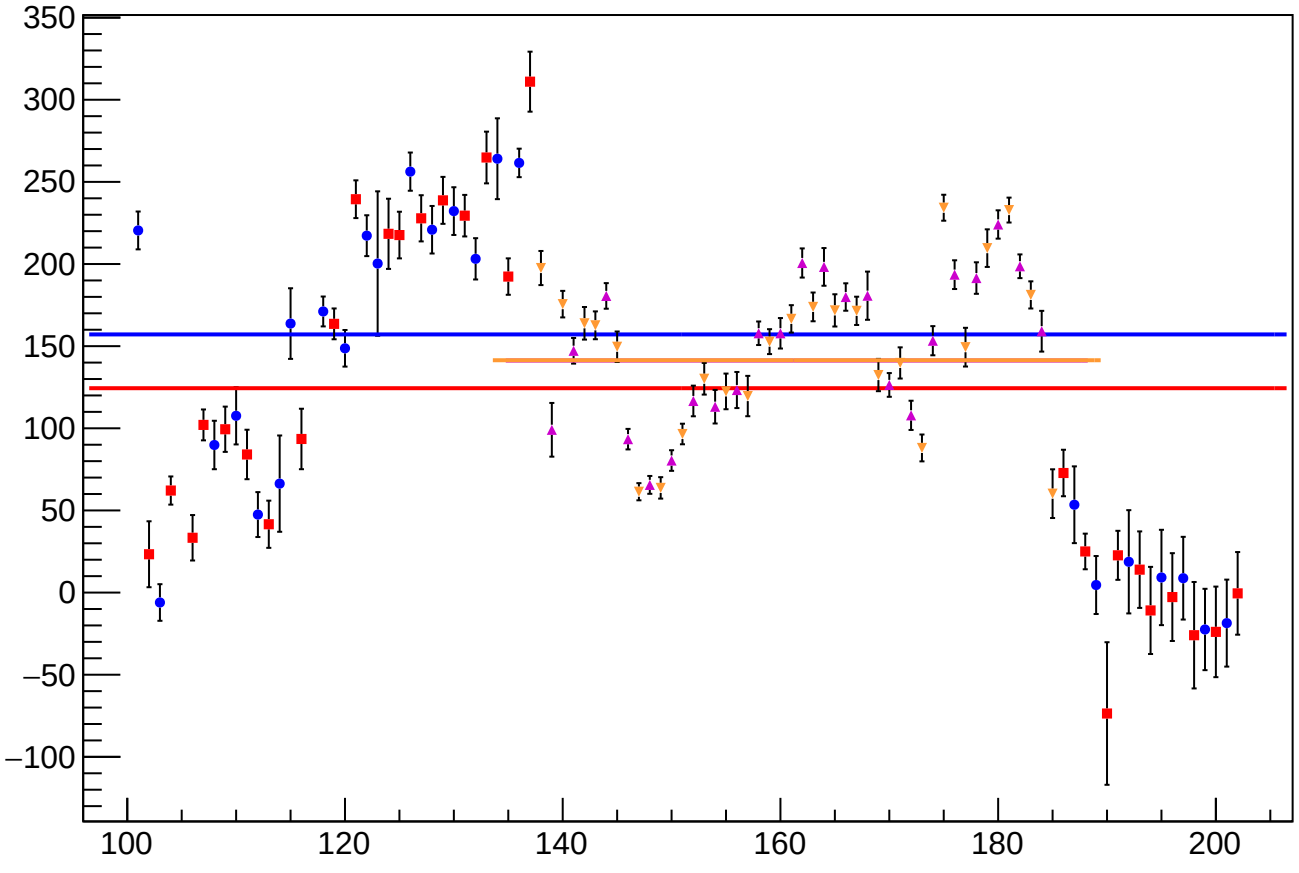
Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

+ sign 535.930+/-1.713 χ^2/NDF: 7878.0/48

All: 544.721+/-1.156 χ^2/NDF: 21471.8/99

- sign 552.084+/-1.568 χ^2/NDF: 13545.5/50

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 157.149+/-3.024 χ^2/NDF: 941.9/23

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 124.408+/-2.726 χ^2/NDF: 1073.3/27

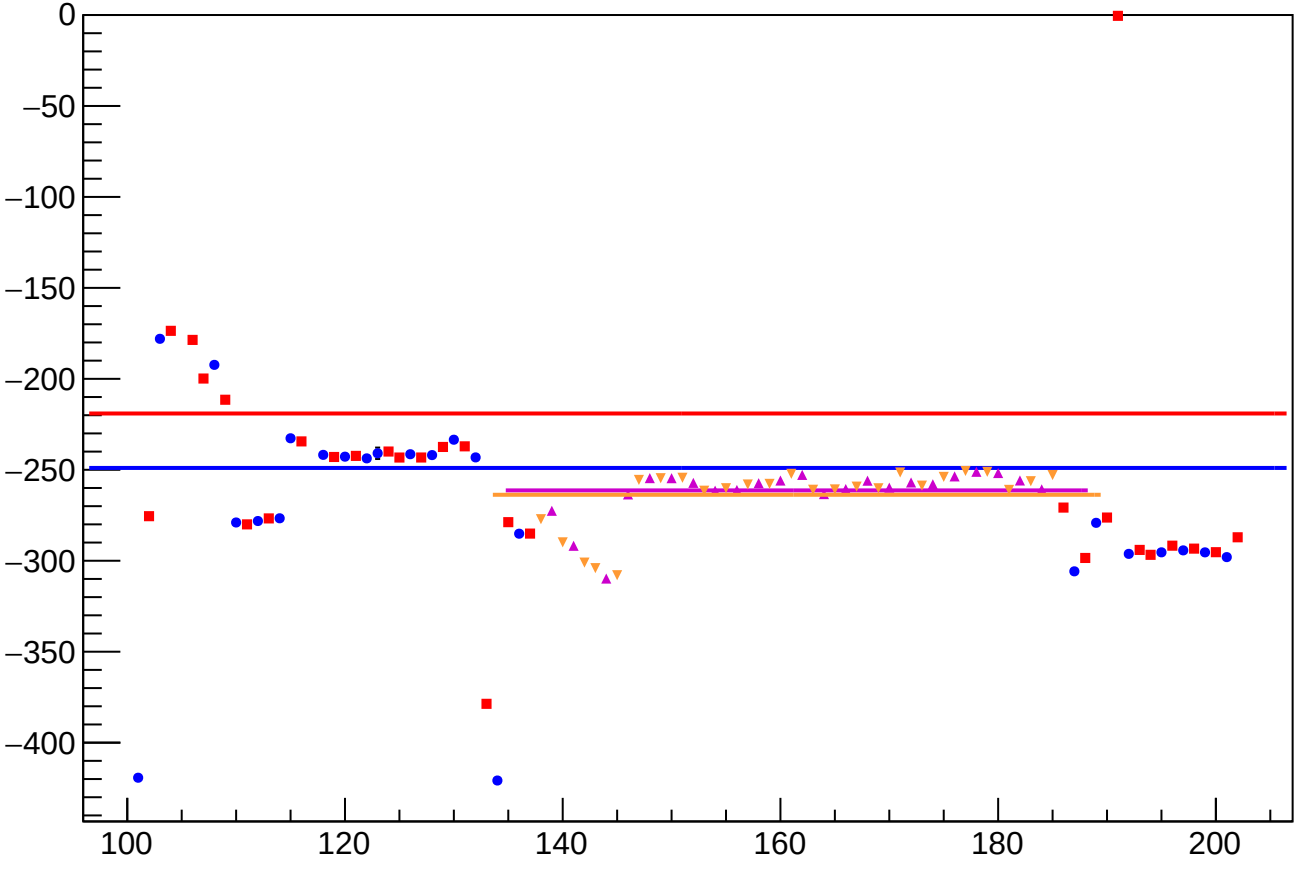
Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

+ sign 145.219+/-1.485 χ^2/NDF: 1920.2/48

All: 140.741+/-1.044 χ^2/NDF: 3782.7/99

- sign 136.357+/-1.469 χ^2/NDF: 1844.5/50

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -248.980+/-0.144 χ^2/NDF: 190932.2/23

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -219.050+/-0.125 χ^2/NDF: 459517.5/27

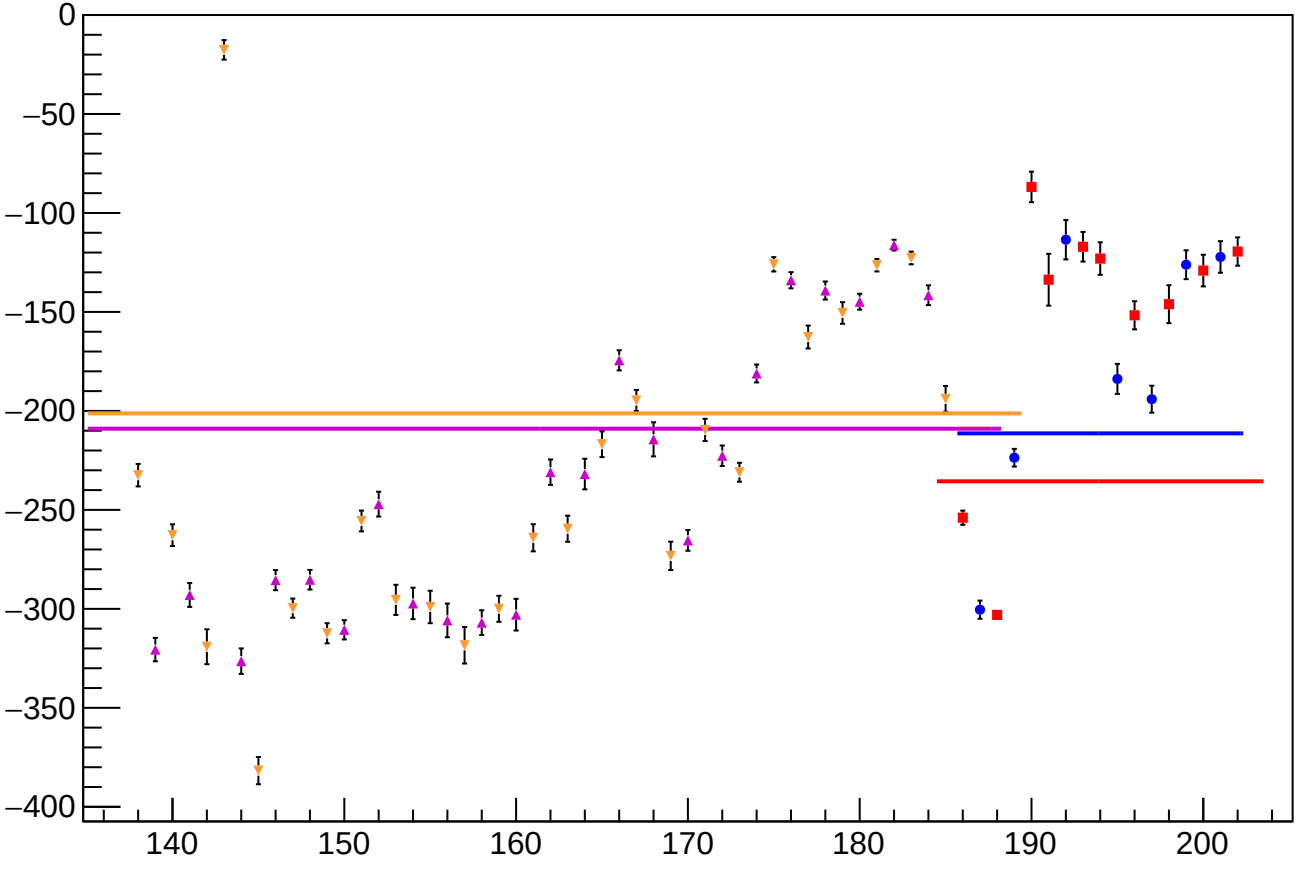
Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

+ sign -260.145+/-0.071 χ^2/NDF: 236833.6/48

All: -254.245+/-0.049 χ^2/NDF: 812976.2/99

- sign -248.744+/-0.068 χ^2/NDF: 562750.0/50

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -211.348+/-2.350 χ^2/NDF: 761.4/6

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -235.572+/-1.629 χ^2/NDF: 2372.9/9

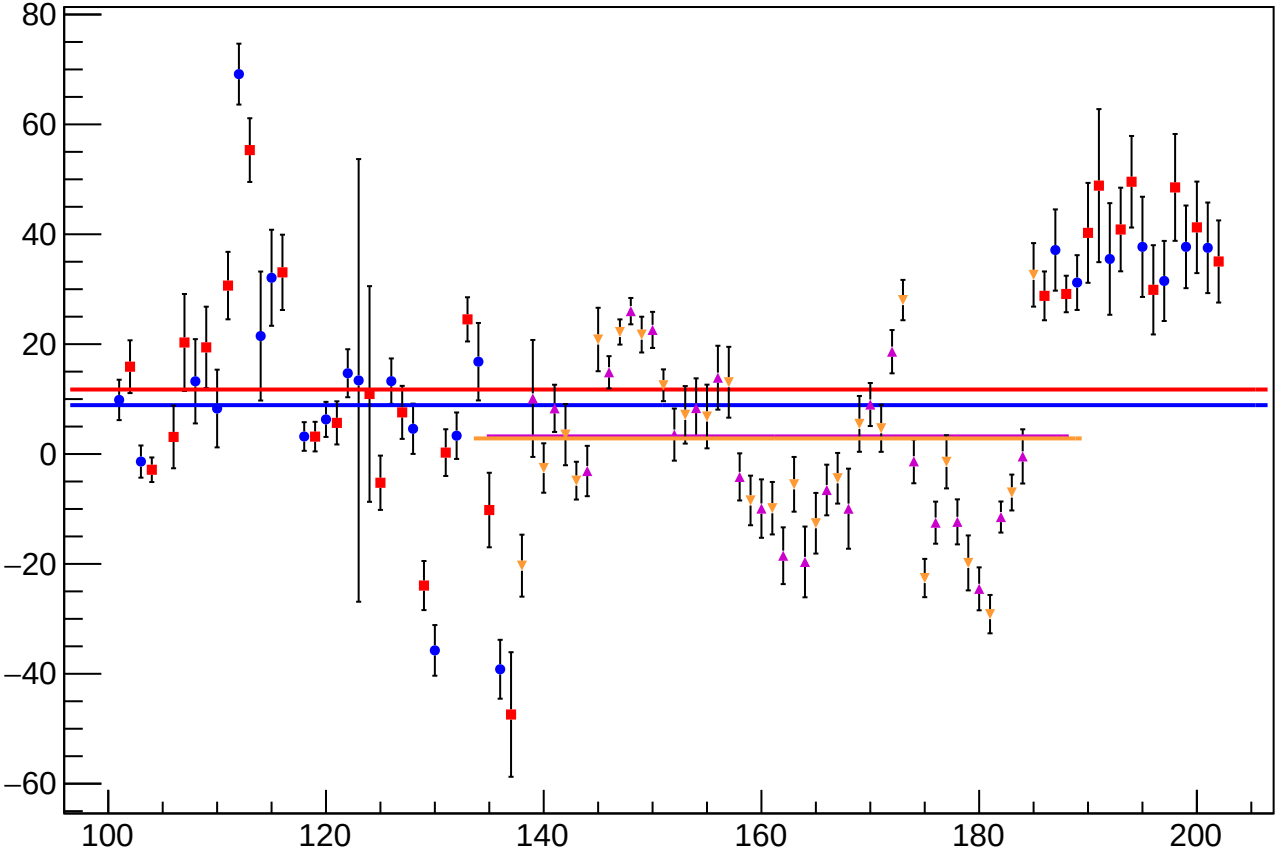
Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

+ sign -202.981+/-0.970 χ^2/NDF: 6886.7/31

All: -210.566+/-0.660 χ^2/NDF: 14423.6/64

- sign -217.078+/-0.899 χ^2/NDF: 7423.3/32

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 8.898+/-1.013 χ^2/NDF: 413.3/23

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 11.742+/-0.946 χ^2/NDF: 403.1/27

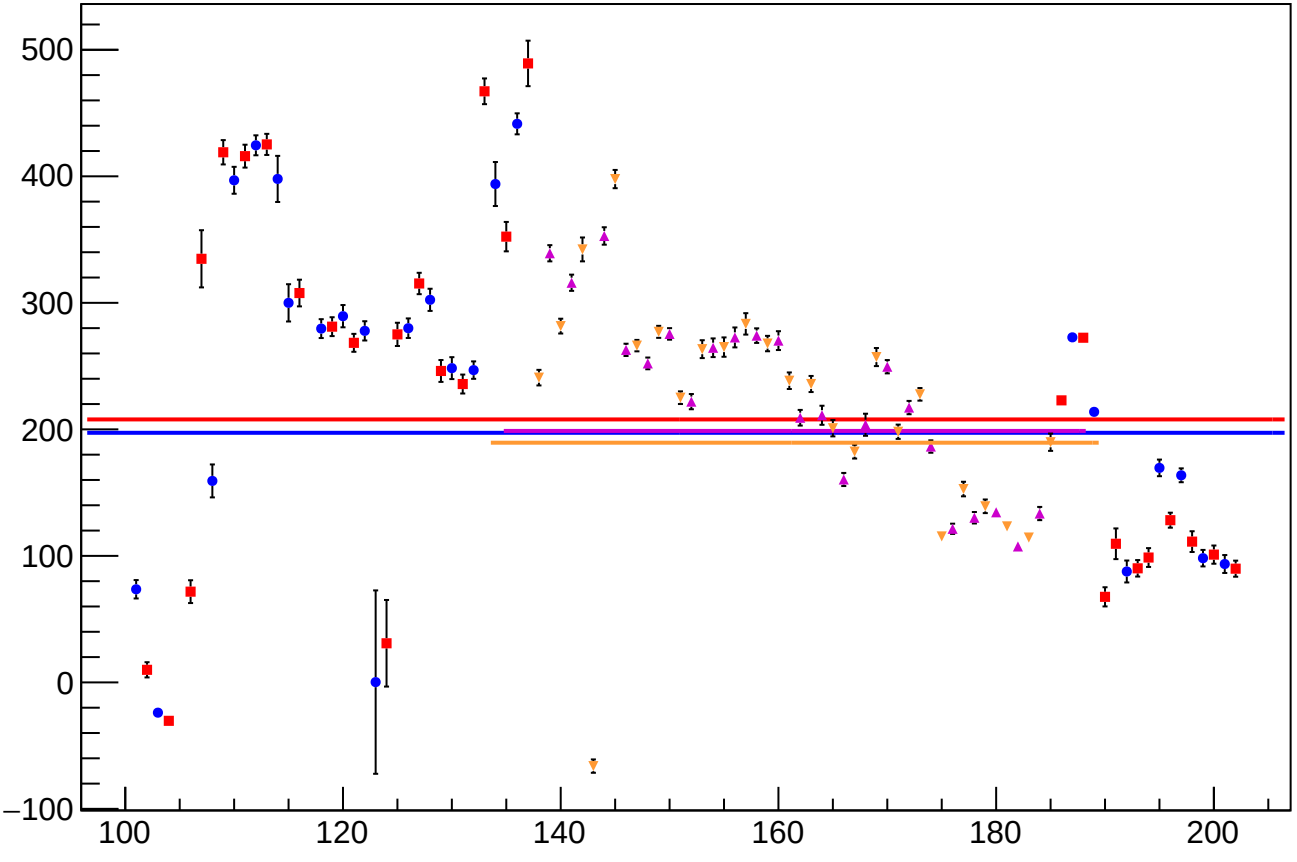
Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

+ sign 5.253+/-0.639 χ^2/NDF: 855.4/48

All: 6.154+/-0.450 χ^2/NDF: 1631.1/99

- sign 7.041+/-0.634 χ^2/NDF: 771.8/50

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 197.285+/-1.399 χ^2/NDF: 7839.4/23

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 207.852+/-1.106 χ^2/NDF: 11222.0/27

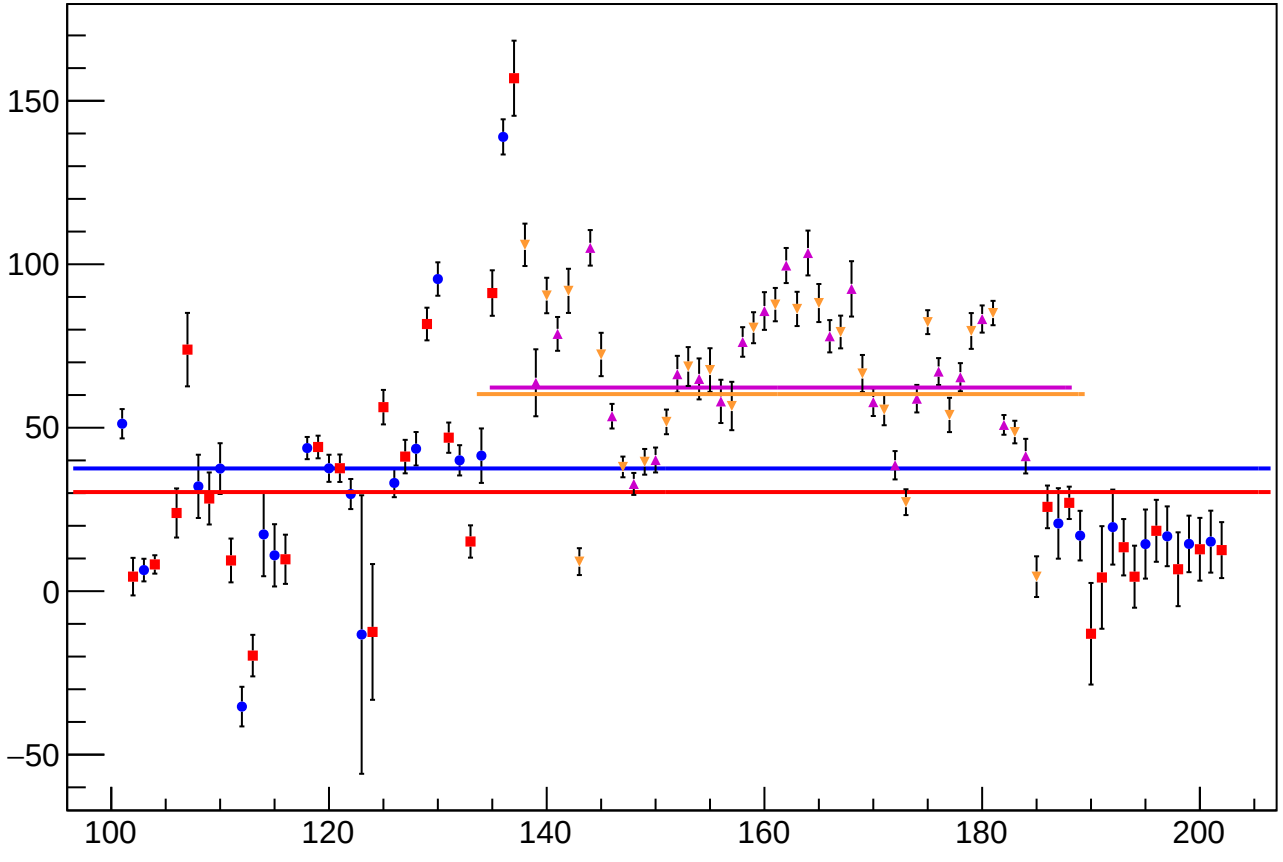
Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

+ sign 192.342+/-0.850 χ^2/NDF: 14508.8/48

All: 198.285+/-0.571 χ^2/NDF: 30444.8/99

- sign 203.189+/-0.772 χ^2/NDF: 15846.7/50

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 37.543+/-1.194 χ^2/NDF: 774.2/23

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 30.319+/-1.135 χ^2/NDF: 591.6/27

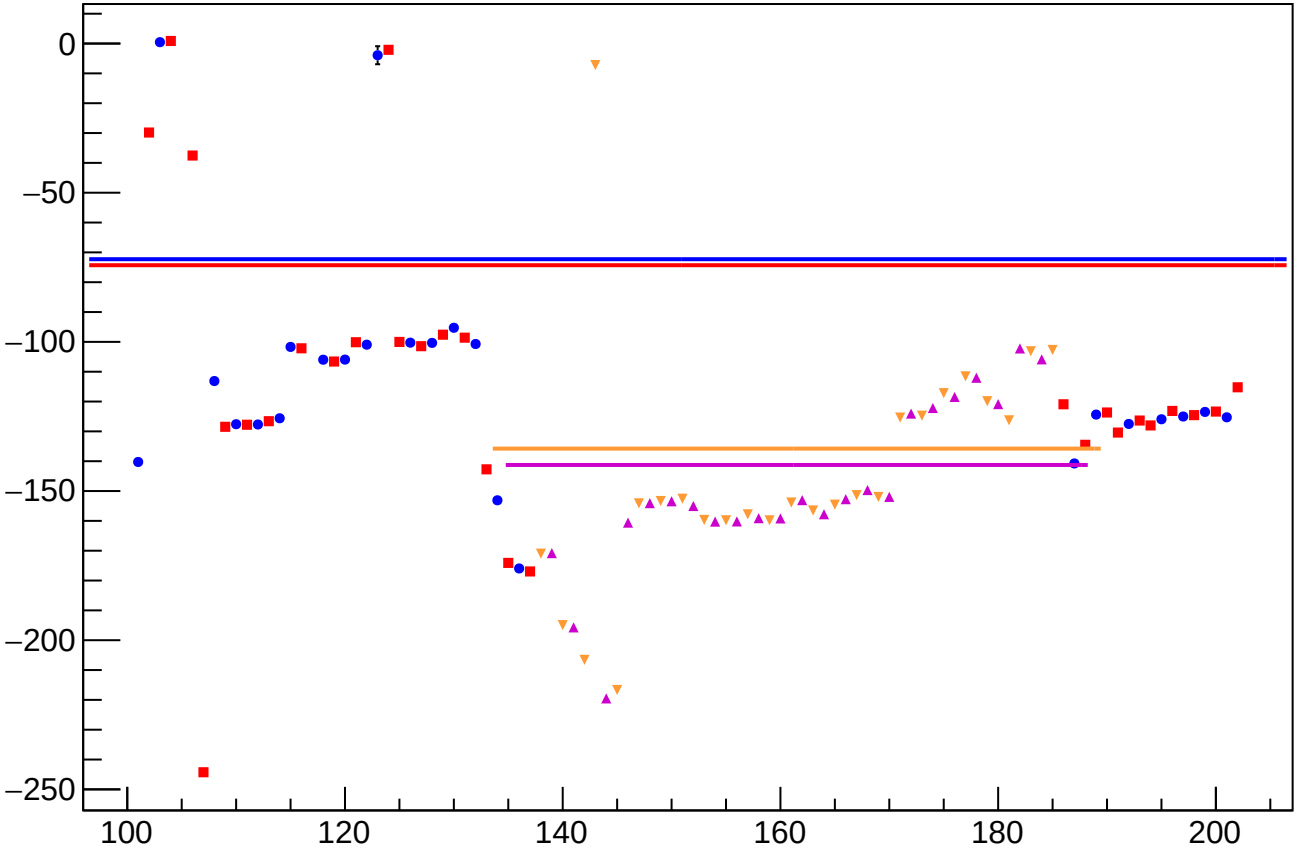
Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

+ sign 51.527+/-0.741 χ^2/NDF: 1712.1/48

All: 50.147+/-0.523 χ^2/NDF: 3180.2/99

- sign 48.778+/-0.738 χ^2/NDF: 1461.1/50

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -72.287+/-0.055 χ^2/NDF: 1357807.6/23

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -74.303+/-0.051 χ^2/NDF: 1381658.2/27

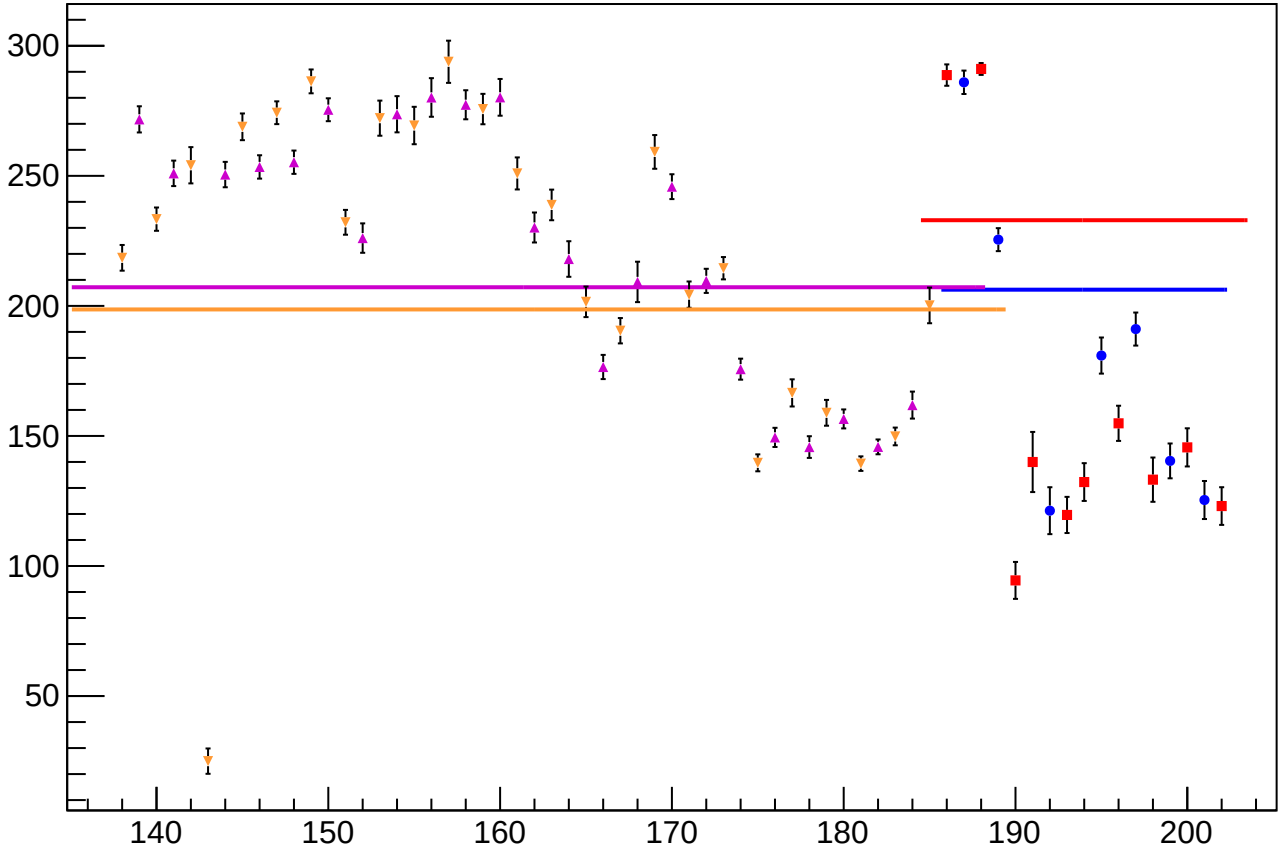
Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

+ sign -110.400+/-0.035 χ^2/NDF: 2907102.7/48

All: -111.221+/-0.024 χ^2/NDF: 5602583.8/99

- sign -112.007+/-0.034 χ^2/NDF: 2694380.3/50

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 206.236+/-2.239 χ^2/NDF: 659.8/6

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 232.944+/-1.597 χ^2/NDF: 2380.7/9

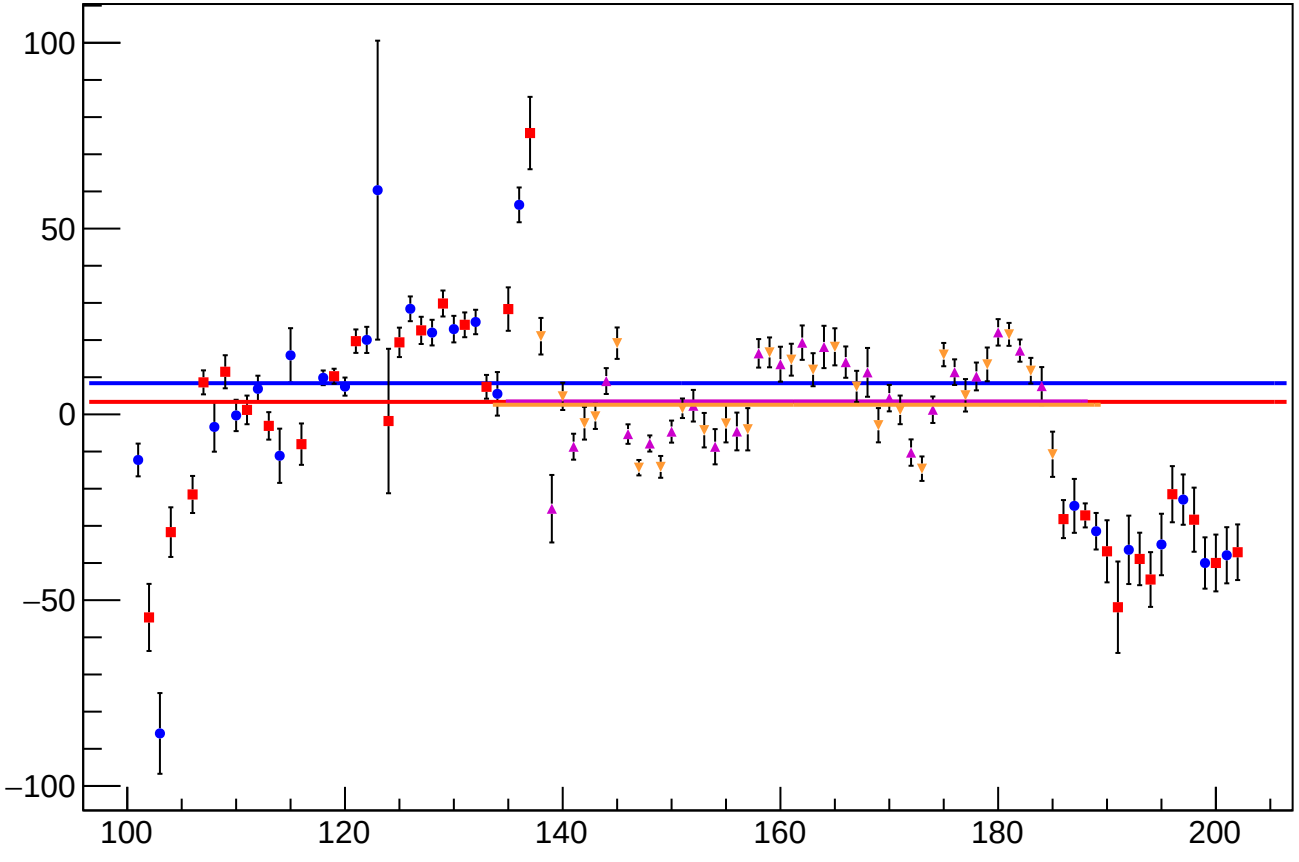
Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

+ sign 199.830+/-0.887 χ^2/NDF: 4816.1/31

All: 207.458+/-0.610 χ^2/NDF: 10157.0/64

- sign 214.283+/-0.839 χ^2/NDF: 5200.8/32

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 8.395+/-0.867 χ^2/NDF: 570.8/23

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 3.367+/-0.831 χ^2/NDF: 695.0/27

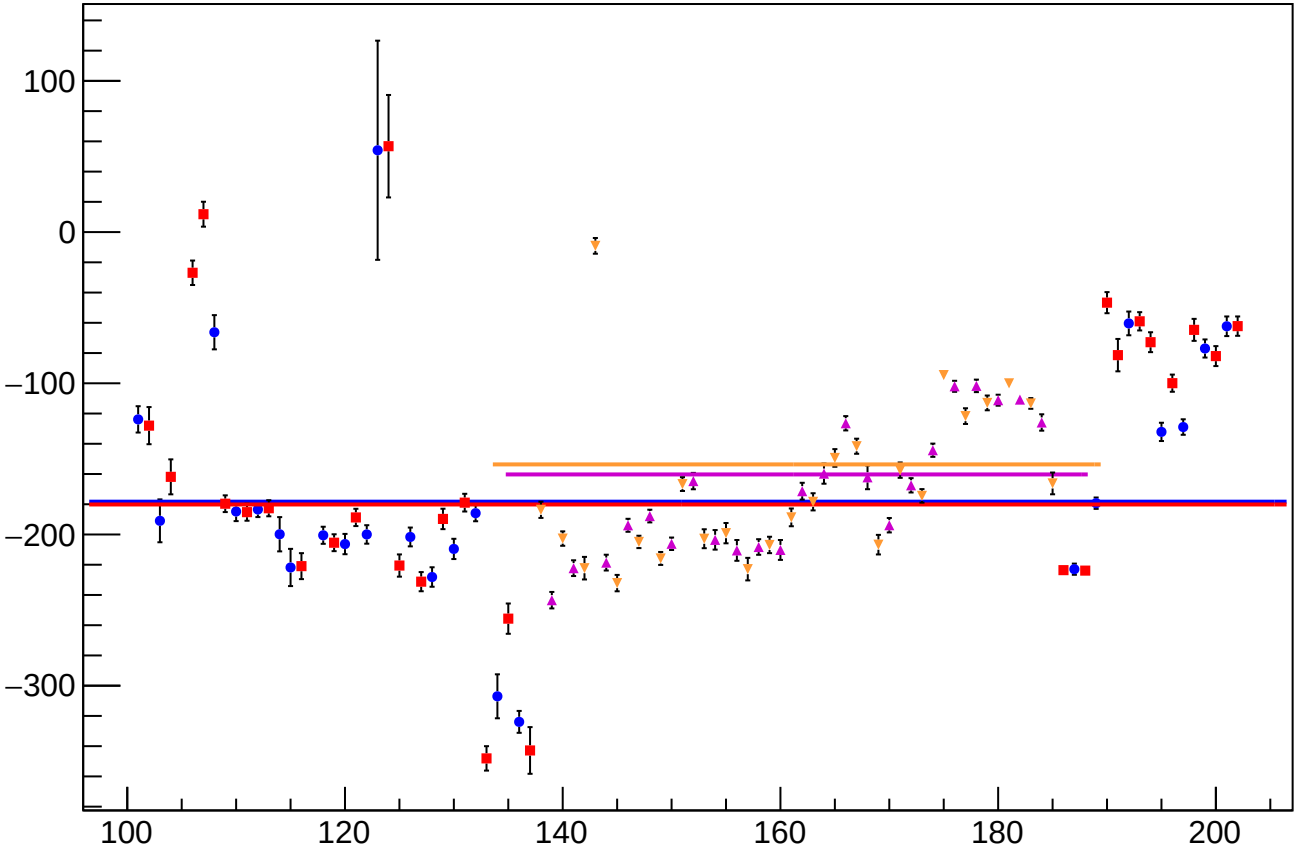
Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

+ sign 5.054+/-0.565 χ^2/NDF: 870.9/48

All: 4.241+/-0.400 χ^2/NDF: 1764.7/99

- sign 3.426+/-0.566 χ^2/NDF: 889.7/50

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -178.299+/-1.298 χ^2/NDF: 1919.8/23

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -180.146+/-1.048 χ^2/NDF: 4587.0/27

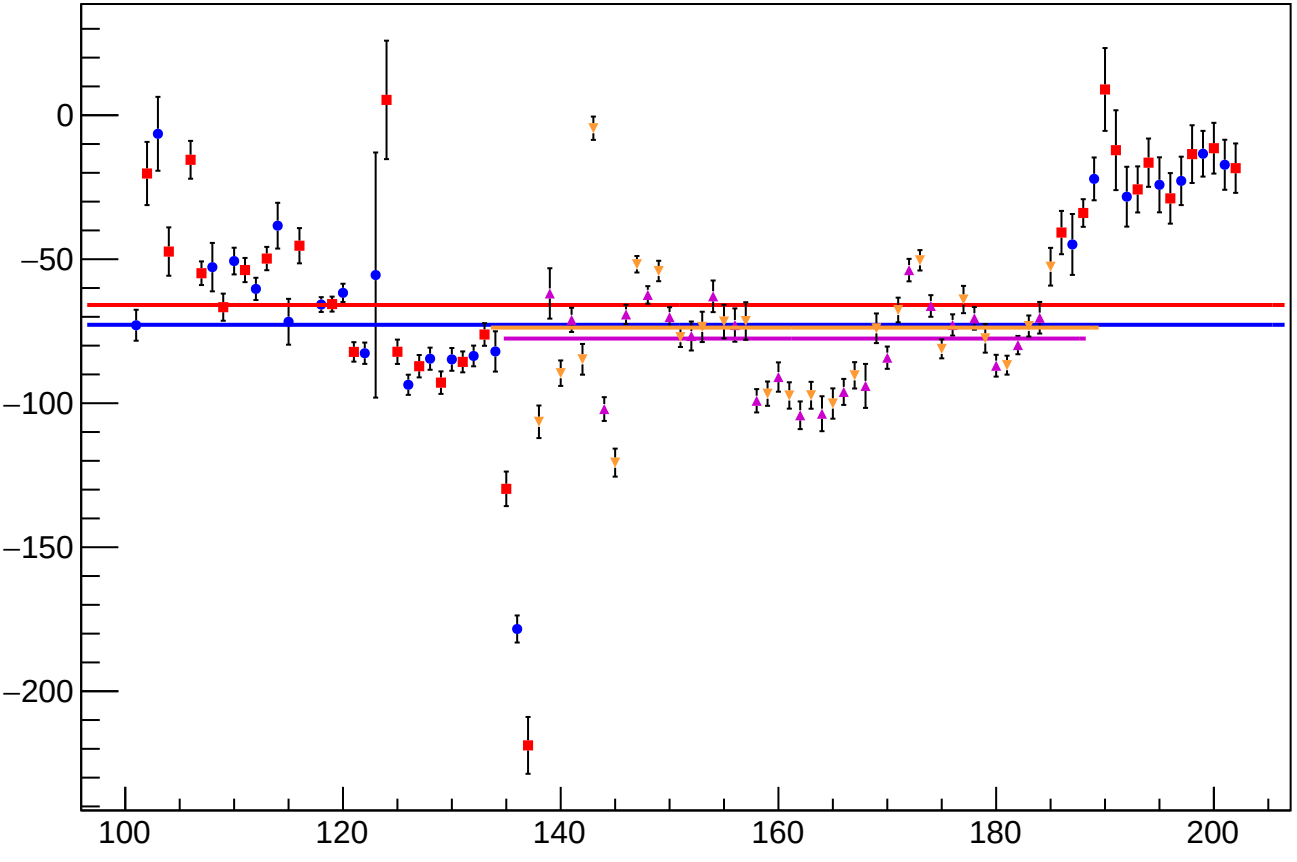
Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

+ sign -162.476+/-0.777 χ^2/NDF: 5082.0/48

All: -166.318+/-0.527 χ^2/NDF: 11954.5/99

- sign -169.596+/-0.718 χ^2/NDF: 6827.2/50

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -72.770+/-1.015 χ^2/NDF: 911.0/23

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -65.888+/-0.976 χ^2/NDF: 912.5/27

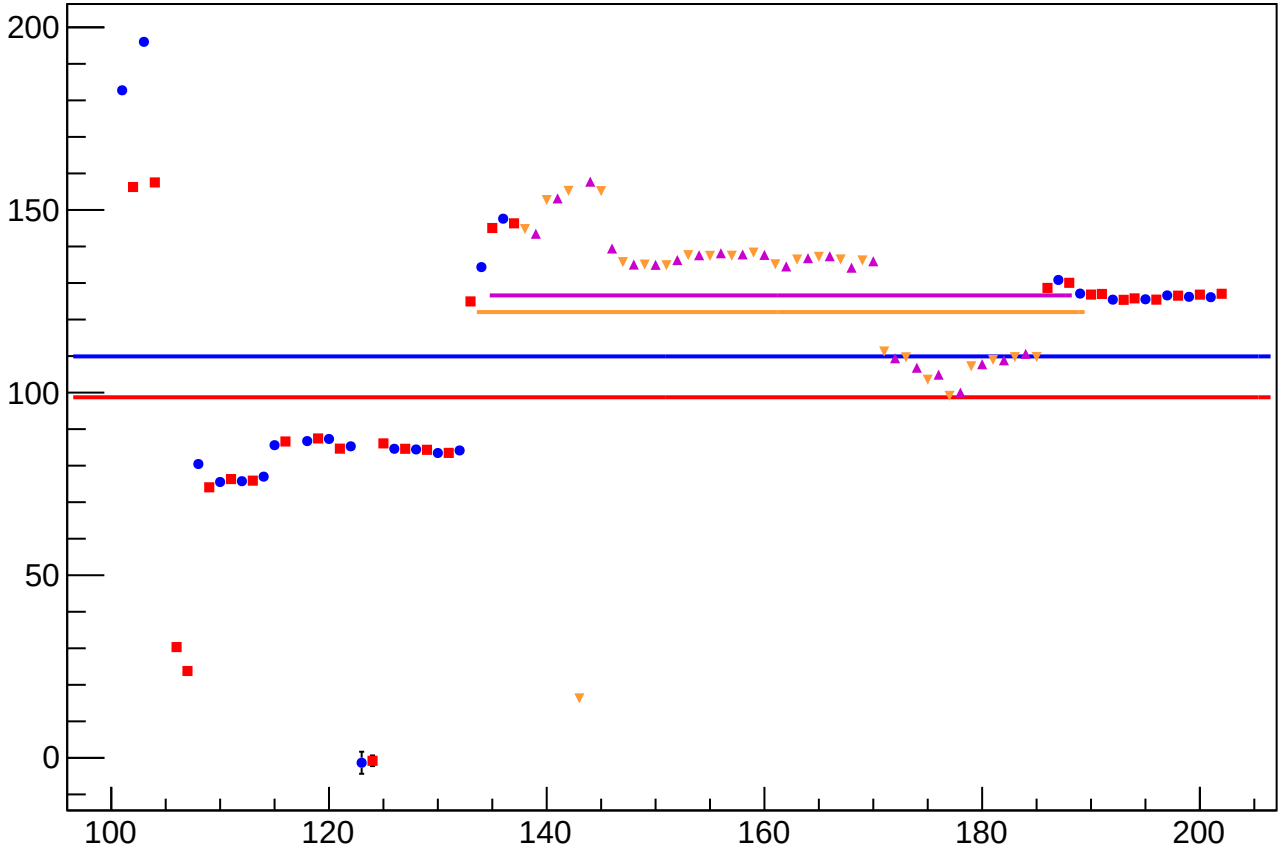
Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

+ sign -73.338+/-0.654 χ^2/NDF: 1639.9/48

All: -72.828+/-0.462 χ^2/NDF: 2885.0/99

- sign -72.319+/-0.654 χ^2/NDF: 1243.9/50

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 109.911+/-0.059 χ^2/NDF: 305128.5/23

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 98.719+/-0.052 χ^2/NDF: 558323.7/27

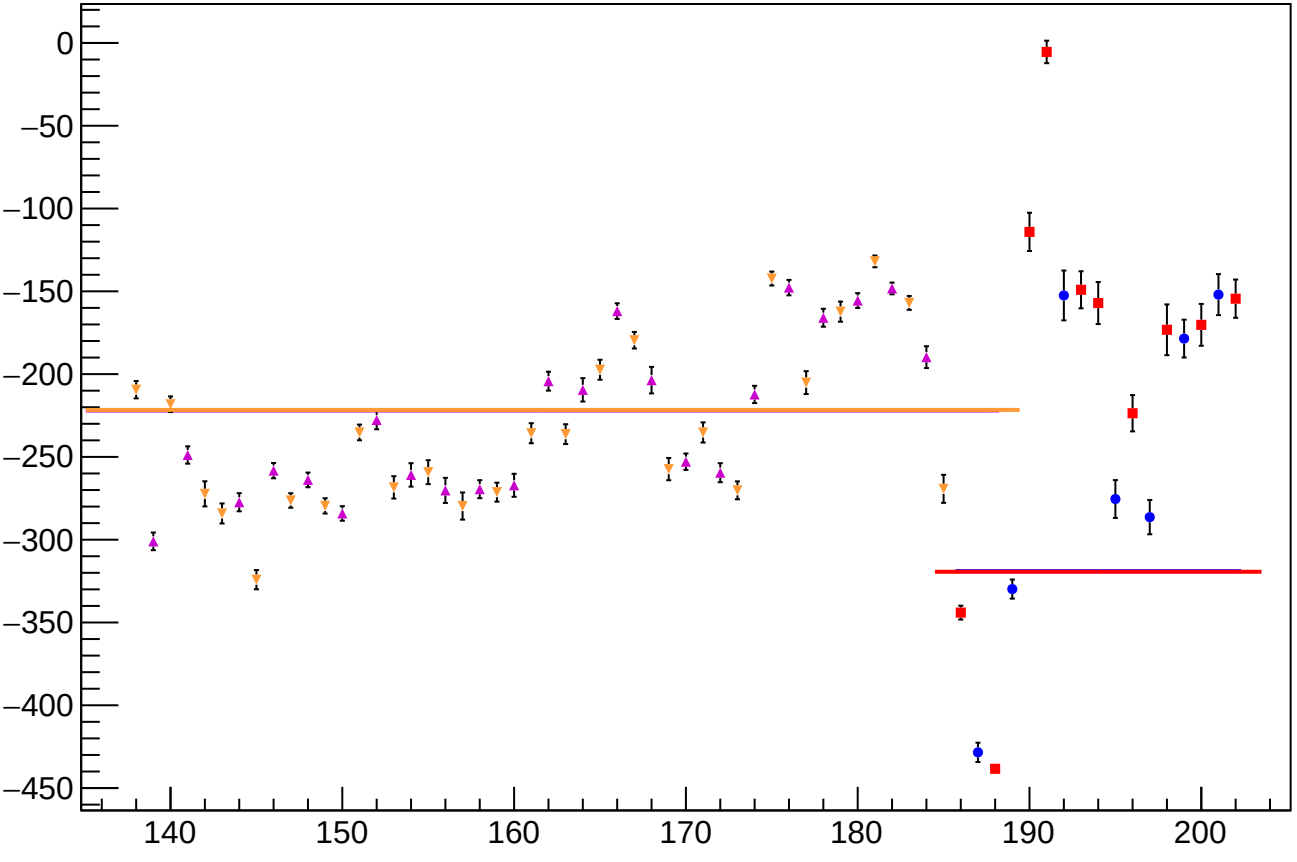
Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

+ sign 118.191+/-0.033 χ^2/NDF: 771737.0/48

All: 117.048+/-0.023 χ^2/NDF: 1674139.7/99

- sign 115.988+/-0.032 χ^2/NDF: 900147.5/50

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -319.007+/-3.243 χ^2/NDF: 836.0/6

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -319.361+/-2.064 χ^2/NDF: 4924.1/9

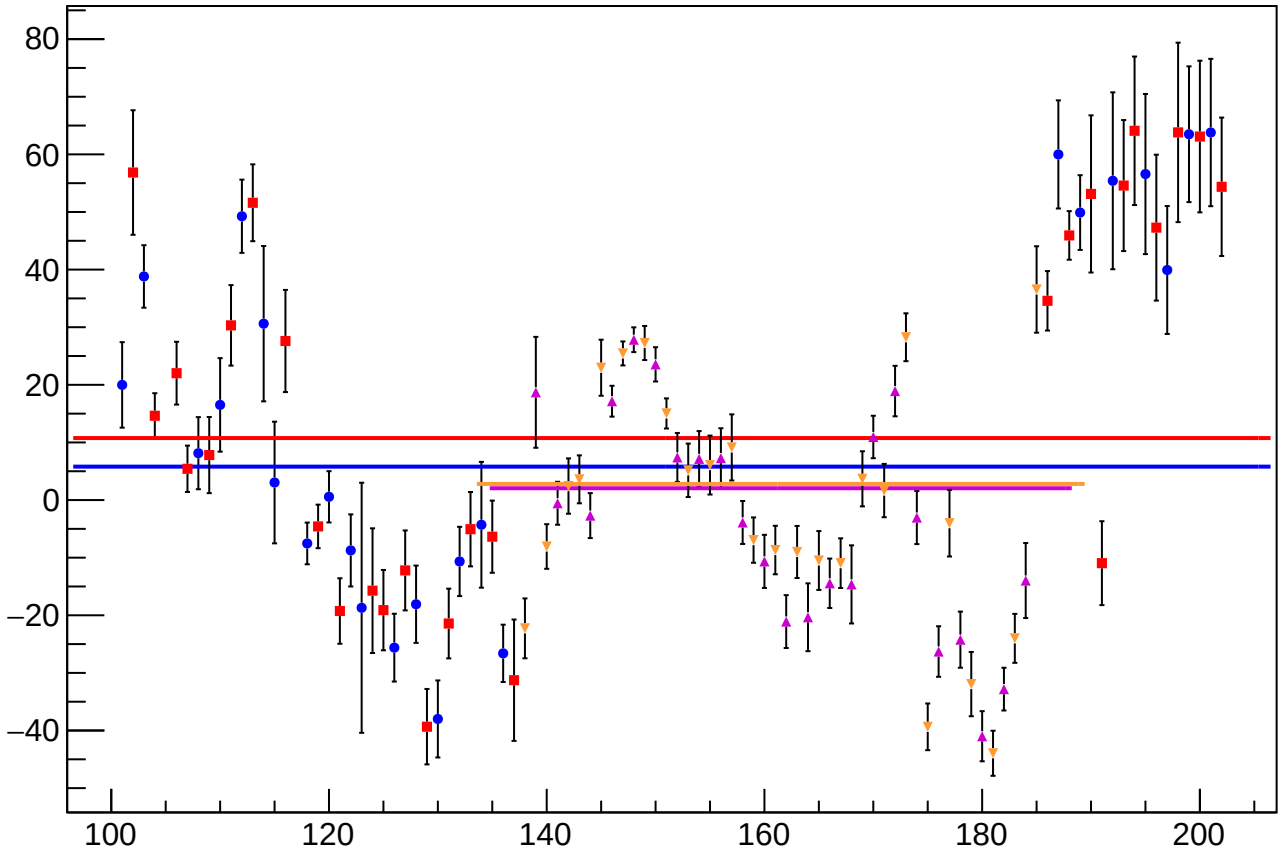
Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

+ sign -231.446+/-1.031 χ^2/NDF: 4212.6/31

All: -237.821+/-0.706 χ^2/NDF: 13133.9/64

- sign -243.458+/-0.969 χ^2/NDF: 8849.3/32

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 5.801+/-1.410 χ^2/NDF: 406.7/23

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 10.760+/-1.228 χ^2/NDF: 460.6/27

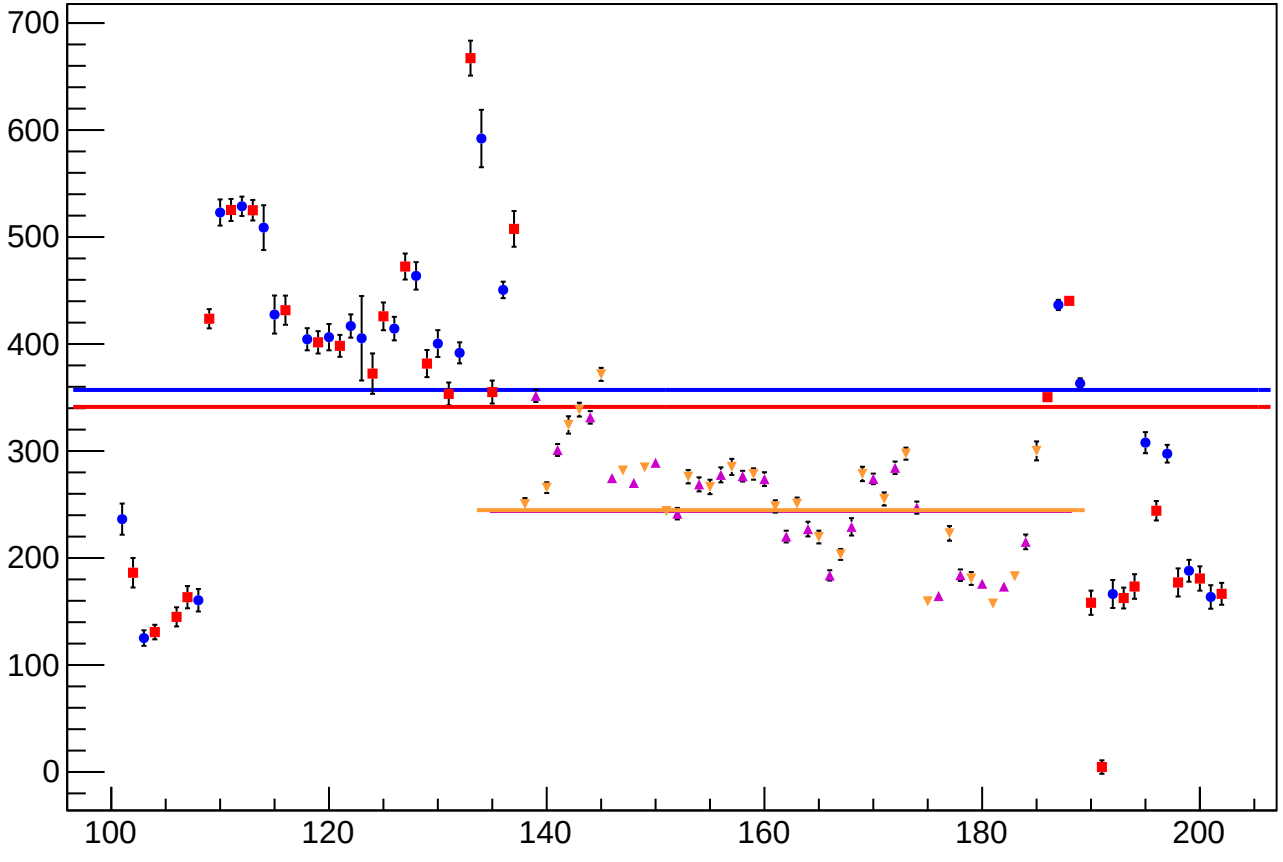
Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

+ sign 3.543+/-0.702 χ^2/NDF: 1095.6/48

All: 4.180+/-0.492 χ^2/NDF: 2184.9/99

- sign 4.795+/-0.689 χ^2/NDF: 1087.6/50

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 357.086+/-1.938 χ^2/NDF: 3613.1/23

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 341.215+/-1.421 χ^2/NDF: 9497.6/27

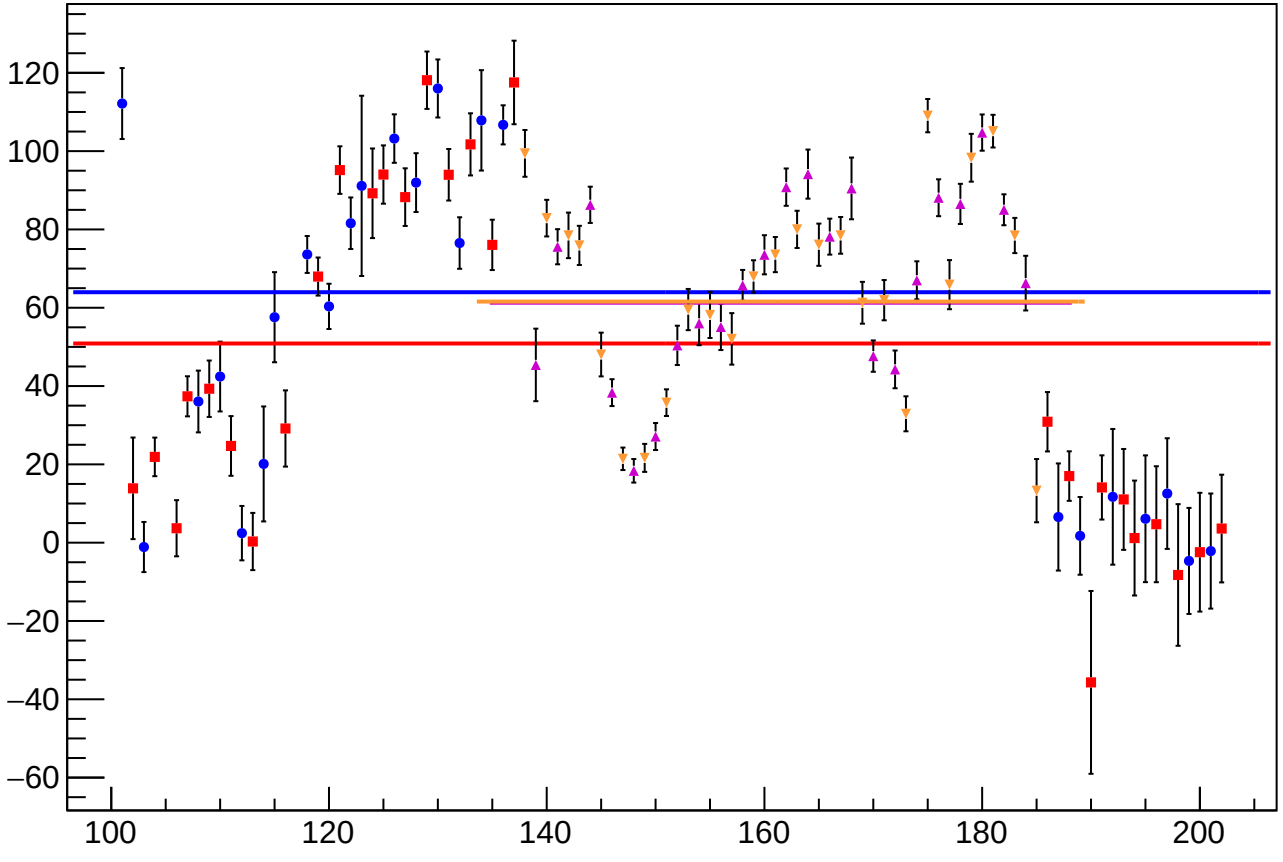
Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

+ sign 271.512+/-0.946 χ^2/NDF: 8738.9/48

All: 276.120+/-0.638 χ^2/NDF: 23524.9/99

- sign 279.968+/-0.865 χ^2/NDF: 14742.5/50

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 63.968+/-1.651 χ^2/NDF: 580.6/23

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 50.871+/-1.472 χ^2/NDF: 653.9/27

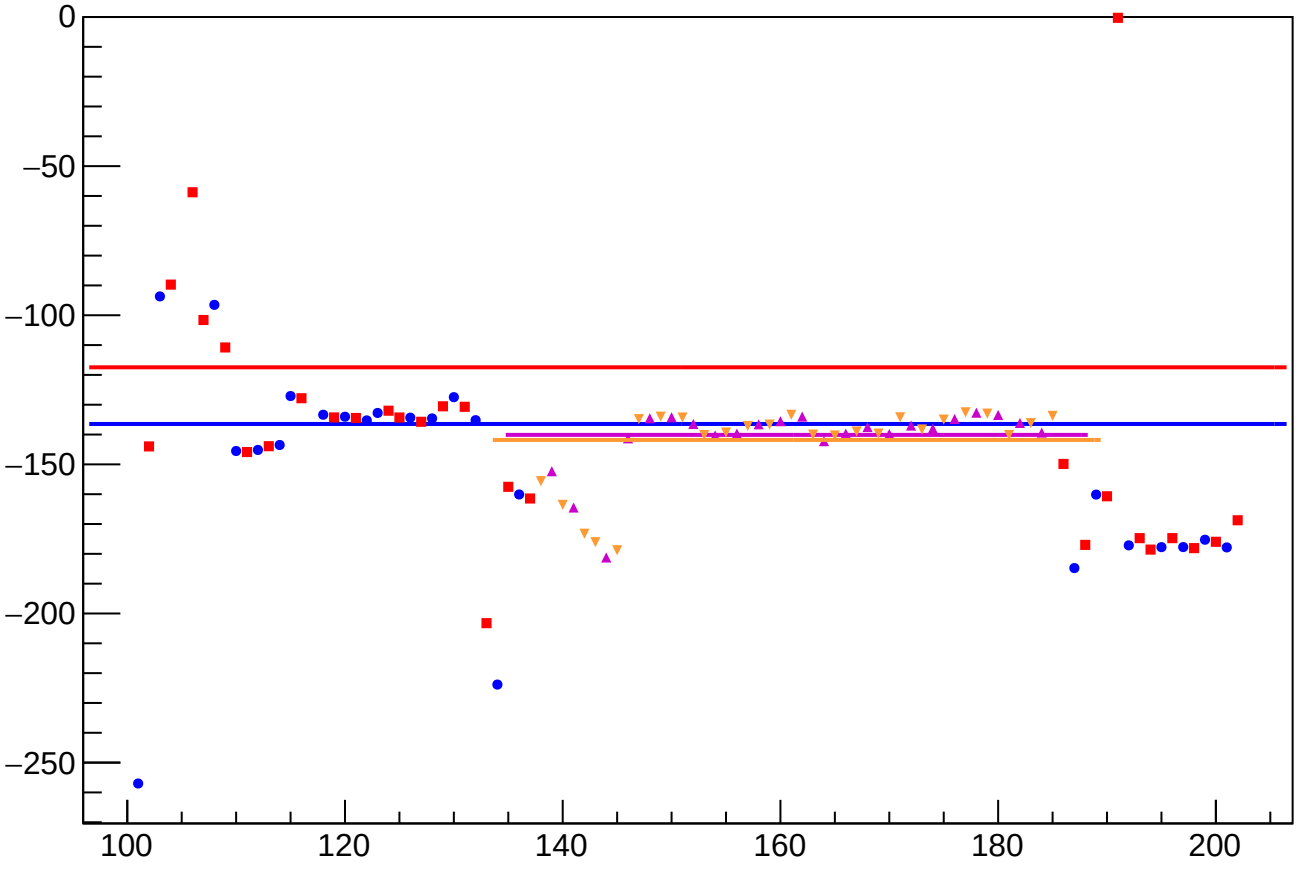
Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

+ sign 62.160+/-0.816 χ^2/NDF: 1452.5/48

All: 60.140+/-0.573 χ^2/NDF: 2856.4/99

- sign 58.183+/-0.803 χ^2/NDF: 1391.9/50

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -136.452+/-0.080 χ^2/NDF: 224058.1/23

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -117.455+/-0.069 χ^2/NDF: 575578.8/27

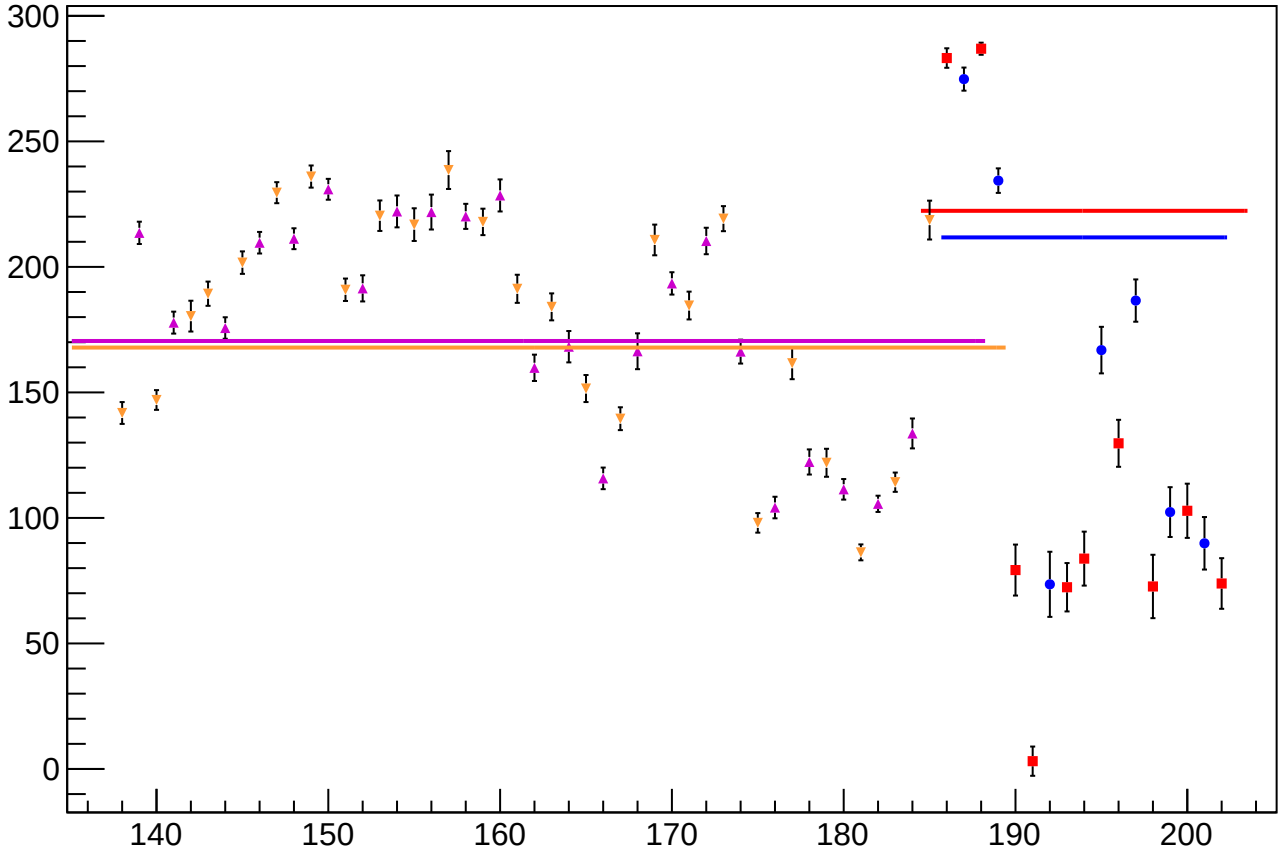
Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

+ sign -140.535+/-0.039 χ^2/NDF: 305190.1/48

All: -136.808+/-0.027 χ^2/NDF: 1022640.2/99

- sign -133.369+/-0.038 χ^2/NDF: 699992.3/50

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 211.751+/-2.672 χ^2/NDF: 612.4/6

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 222.340+/-1.733 χ^2/NDF: 3563.9/9

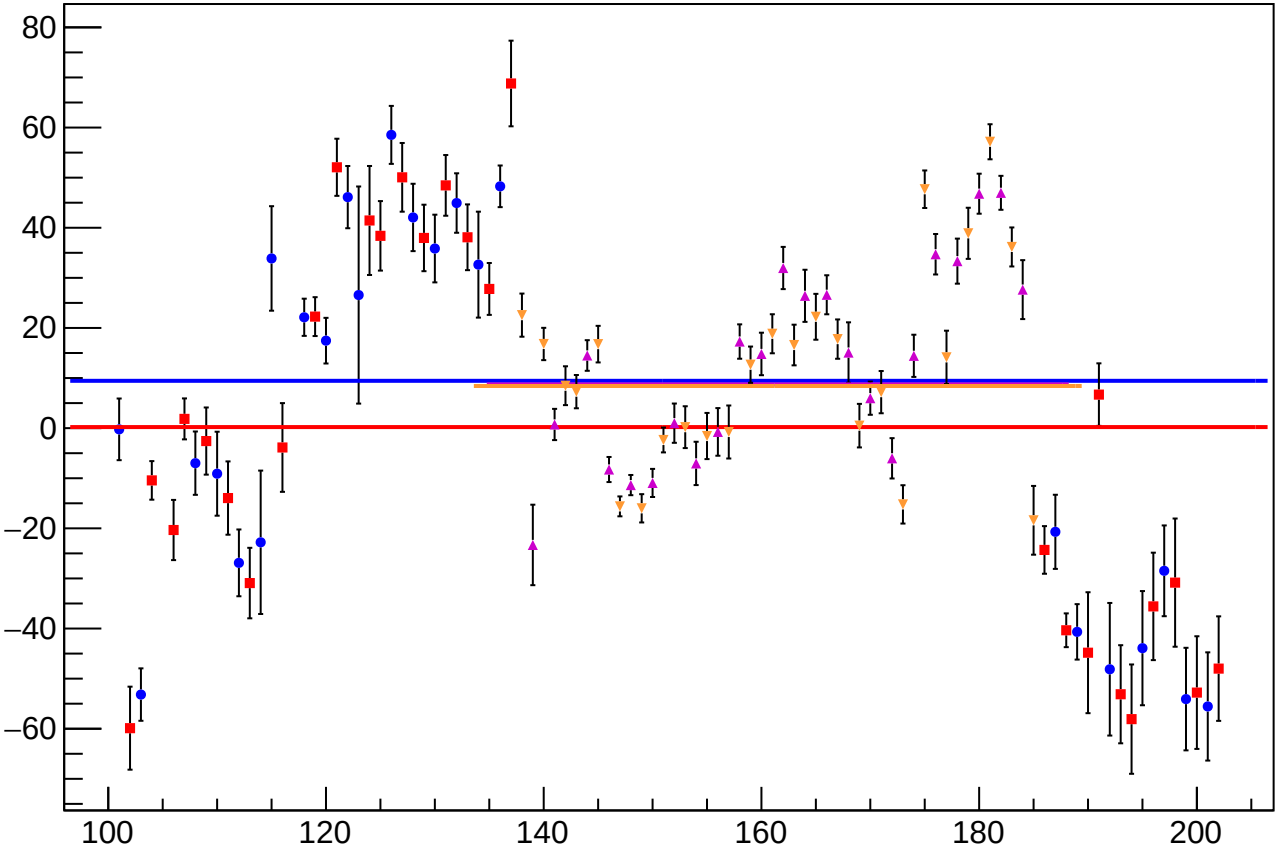
Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

+ sign 173.009+/-0.915 χ^2/NDF: 3315.9/31

All: 178.453+/-0.627 χ^2/NDF: 9657.7/64

- sign 183.270+/-0.860 χ^2/NDF: 6275.0/32

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 9.448+/-1.347 χ^2/NDF: 718.2/23

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 0.214+/-1.170 χ^2/NDF: 835.4/27

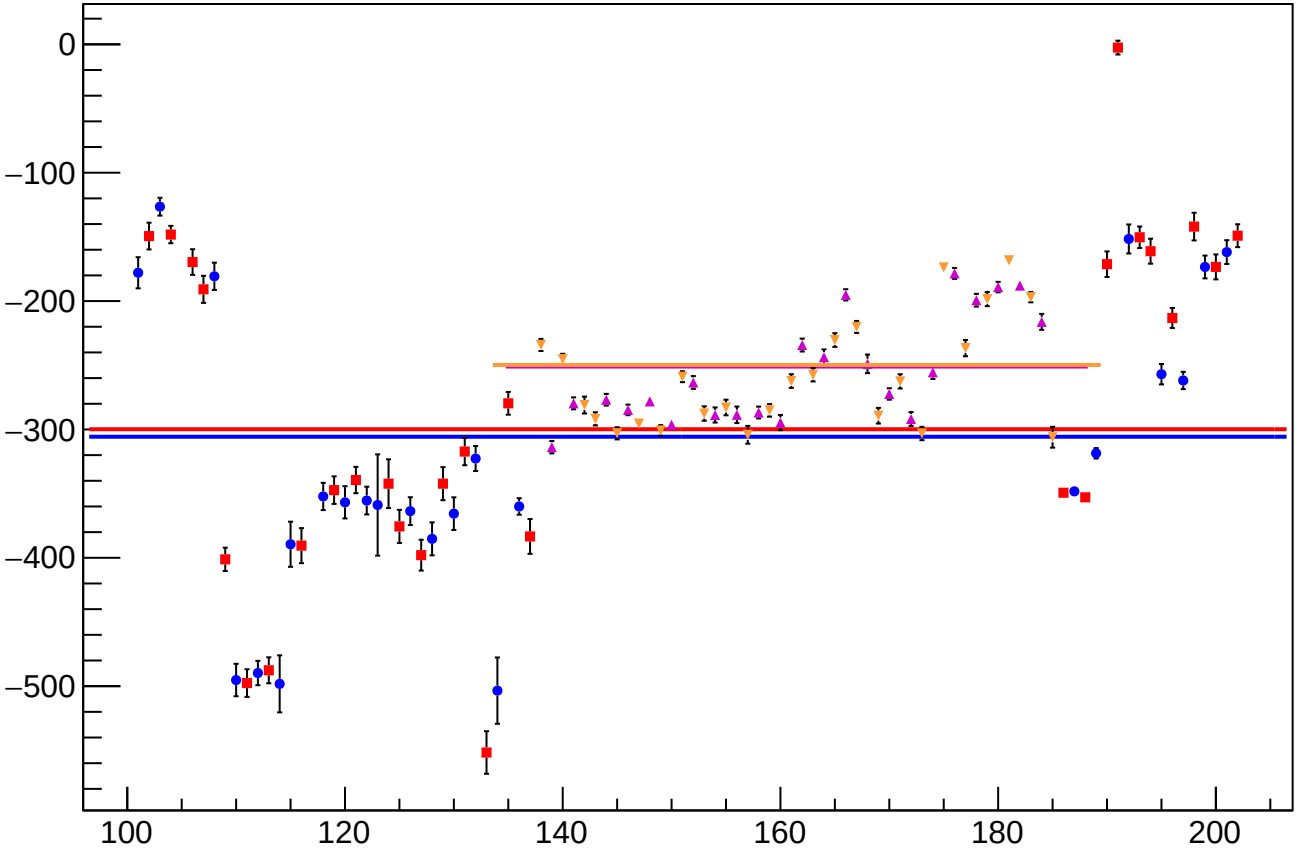
Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

+ sign 8.650+/-0.642 χ^2/NDF: 1469.2/48

All: 7.420+/-0.452 χ^2/NDF: 2979.3/99

- sign 6.217+/-0.635 χ^2/NDF: 1502.8/50

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -305.672+/-1.712 χ^2/NDF: 2761.9/23

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -299.834+/-1.245 χ^2/NDF: 7792.7/27

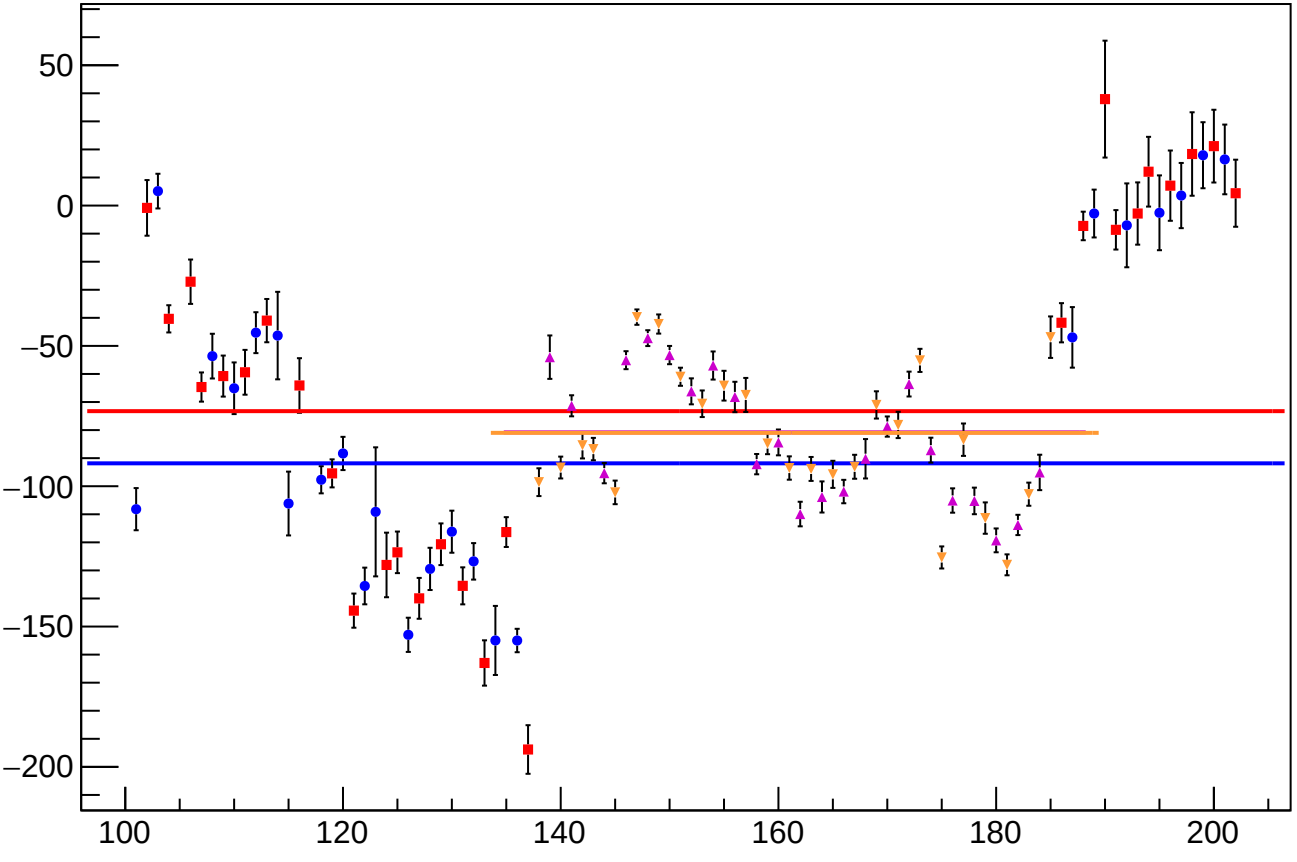
Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

+ sign -263.458+/-0.847 χ^2/NDF: 5799.9/48

All: -266.943+/-0.571 χ^2/NDF: 16527.0/99

- sign -269.845+/-0.773 χ^2/NDF: 10696.1/50

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -91.844+/-1.577 χ^2/NDF: 1234.8/23

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -73.250+/-1.408 χ^2/NDF: 1546.0/27

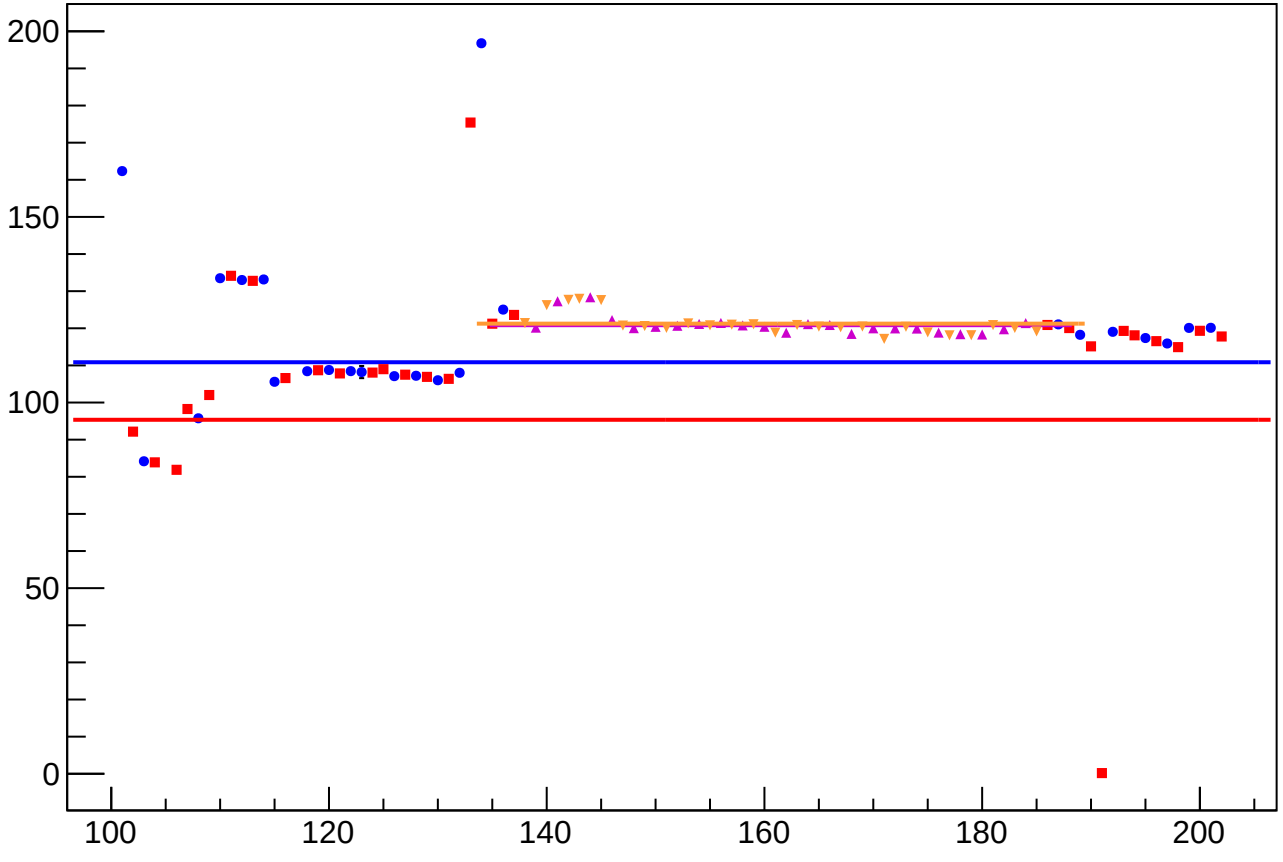
Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

+ sign -83.410+/-0.746 χ^2/NDF: 2182.8/48

All: -81.046+/-0.525 χ^2/NDF: 4465.0/99

- sign -78.717+/-0.740 χ^2/NDF: 2262.2/50

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 110.854+/-0.074 χ^2/NDF: 76858.5/23

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 95.354+/-0.064 χ^2/NDF: 339543.5/27

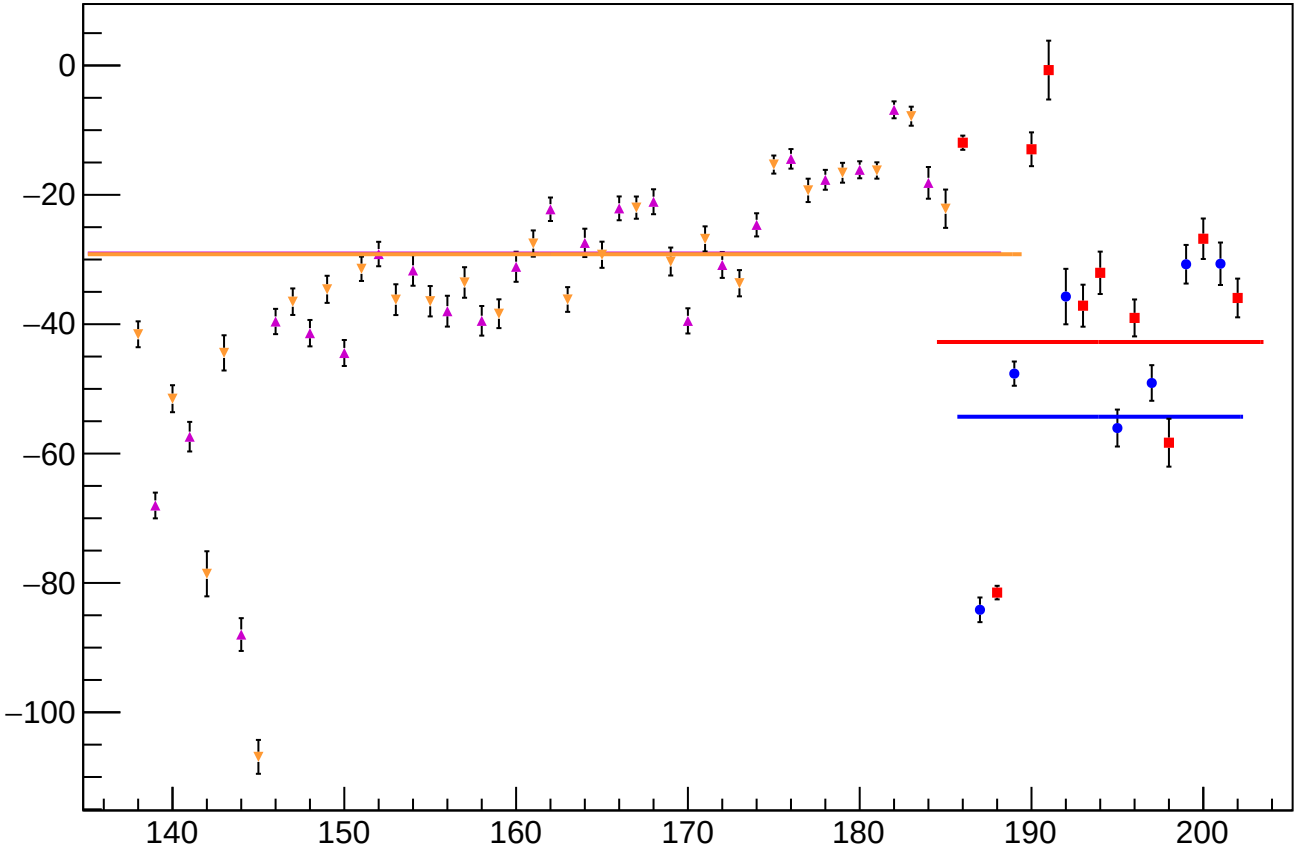
Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

+ sign 118.892+/-0.035 χ^2/NDF: 96821.6/48

All: 116.088+/-0.025 χ^2/NDF: 566161.8/99

- sign 113.472+/-0.034 χ^2/NDF: 457195.0/50

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -54.304+/-0.965 χ^2/NDF: 394.9/6

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -42.750+/-0.629 χ^2/NDF: 2430.3/9

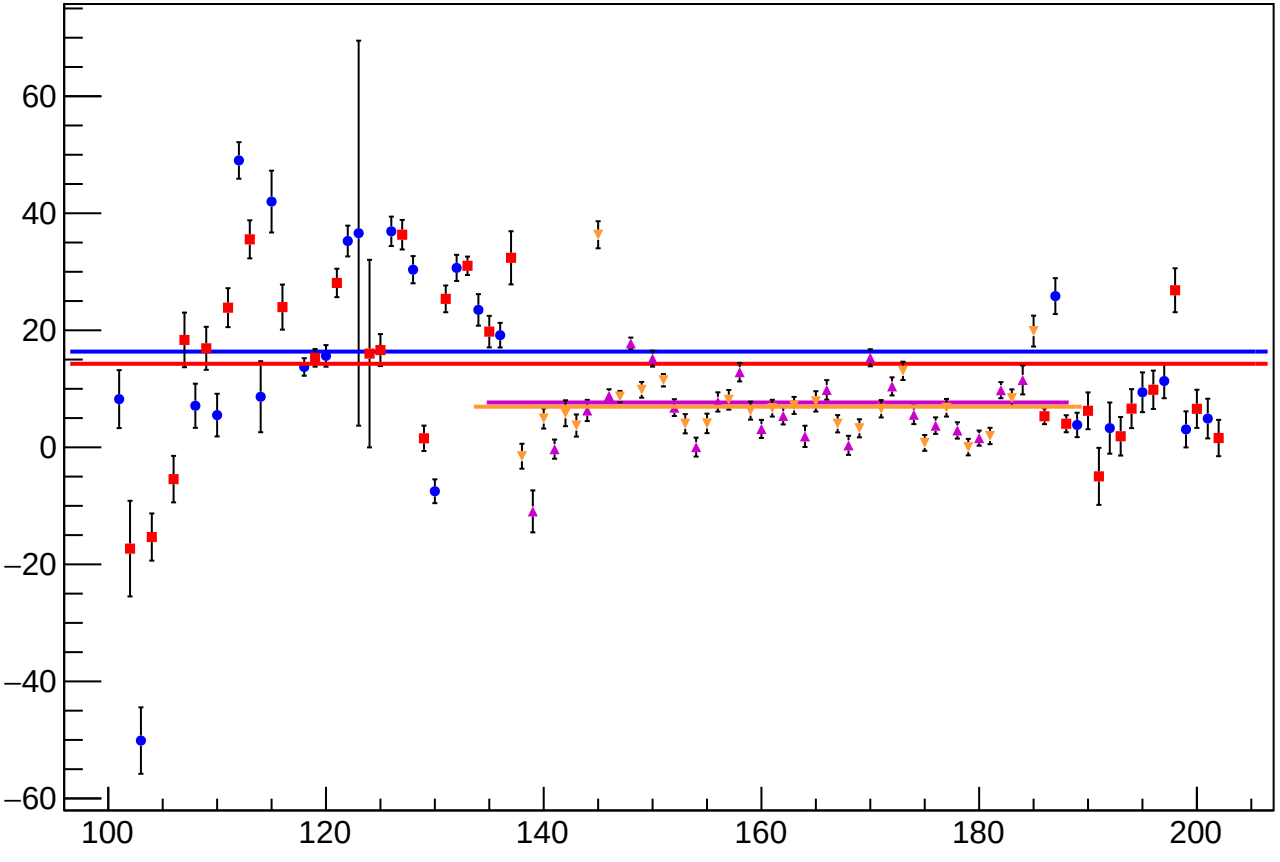
Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

+ sign -32.697+/-0.361 χ^2/NDF: 2858.2/31

All: -32.821+/-0.245 χ^2/NDF: 7500.9/64

- sign -32.927+/-0.334 χ^2/NDF: 4642.5/32

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 16.363+/-0.559 χ^2/NDF: 726.3/23

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 14.277+/-0.493 χ^2/NDF: 624.3/27

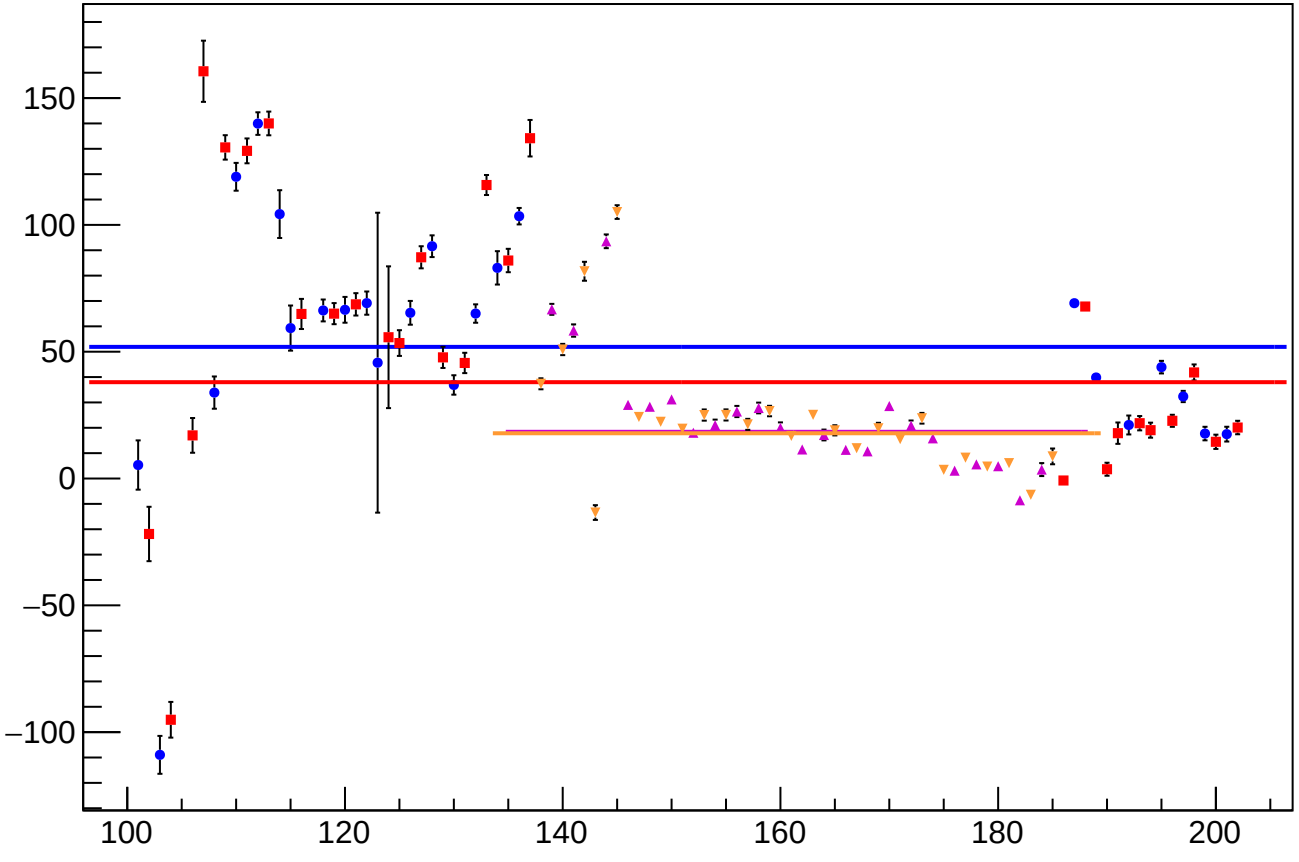
Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

+ sign 9.088+/-0.267 χ^2/NDF: 1268.1/48

All: 9.329+/-0.188 χ^2/NDF: 2363.5/99

- sign 9.565+/-0.264 χ^2/NDF: 1093.8/50

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 51.904+/-0.681 χ^2/NDF: 2134.9/23

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 37.986+/-0.479 χ^2/NDF: 6254.6/27

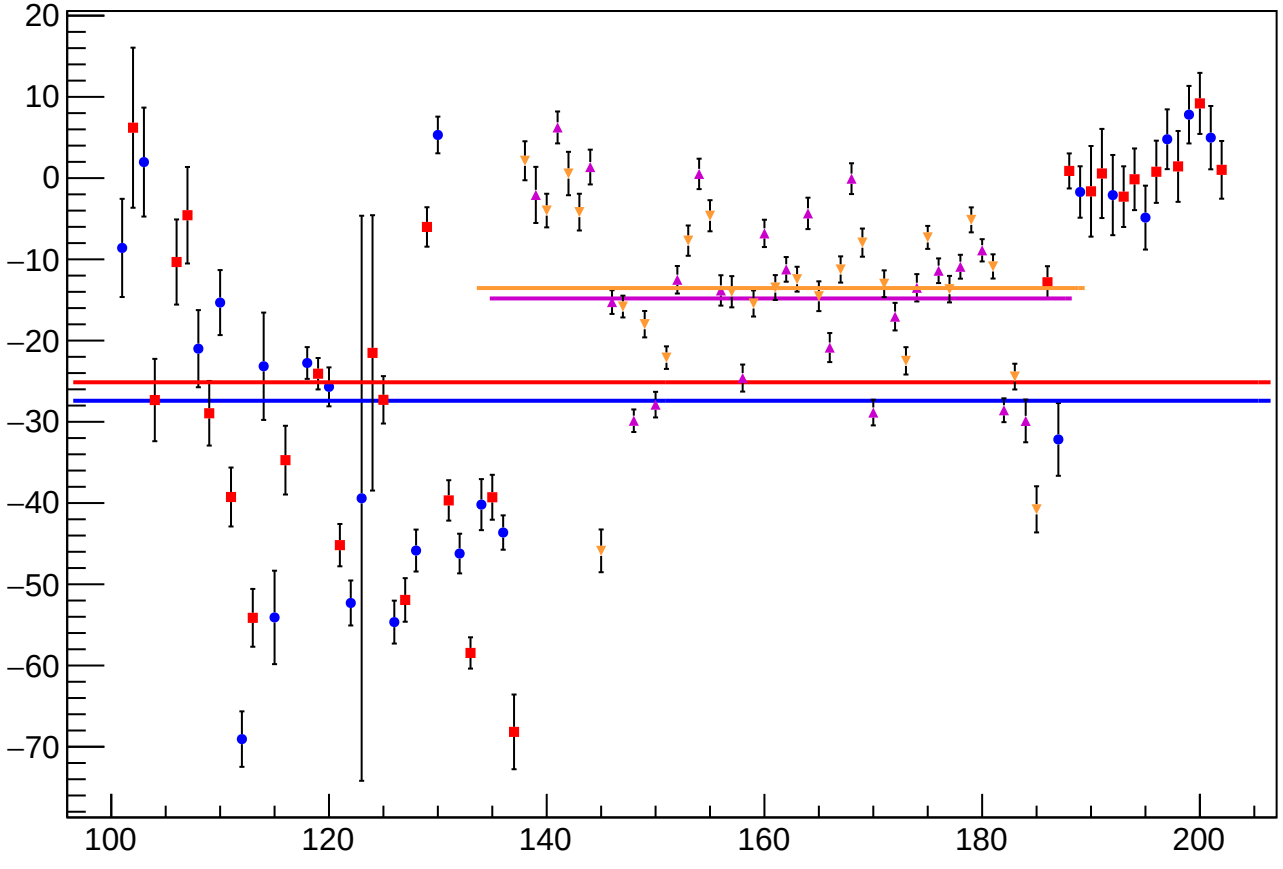
Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

+ sign 26.192+/-0.337 χ^2/NDF: 6425.8/48

All: 26.223+/-0.225 χ^2/NDF: 16150.1/99

- sign 26.248+/-0.303 χ^2/NDF: 9724.3/50

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -27.408+/-0.657 χ^2/NDF: 1170.5/23

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -25.133+/-0.599 χ^2/NDF: 1312.3/27

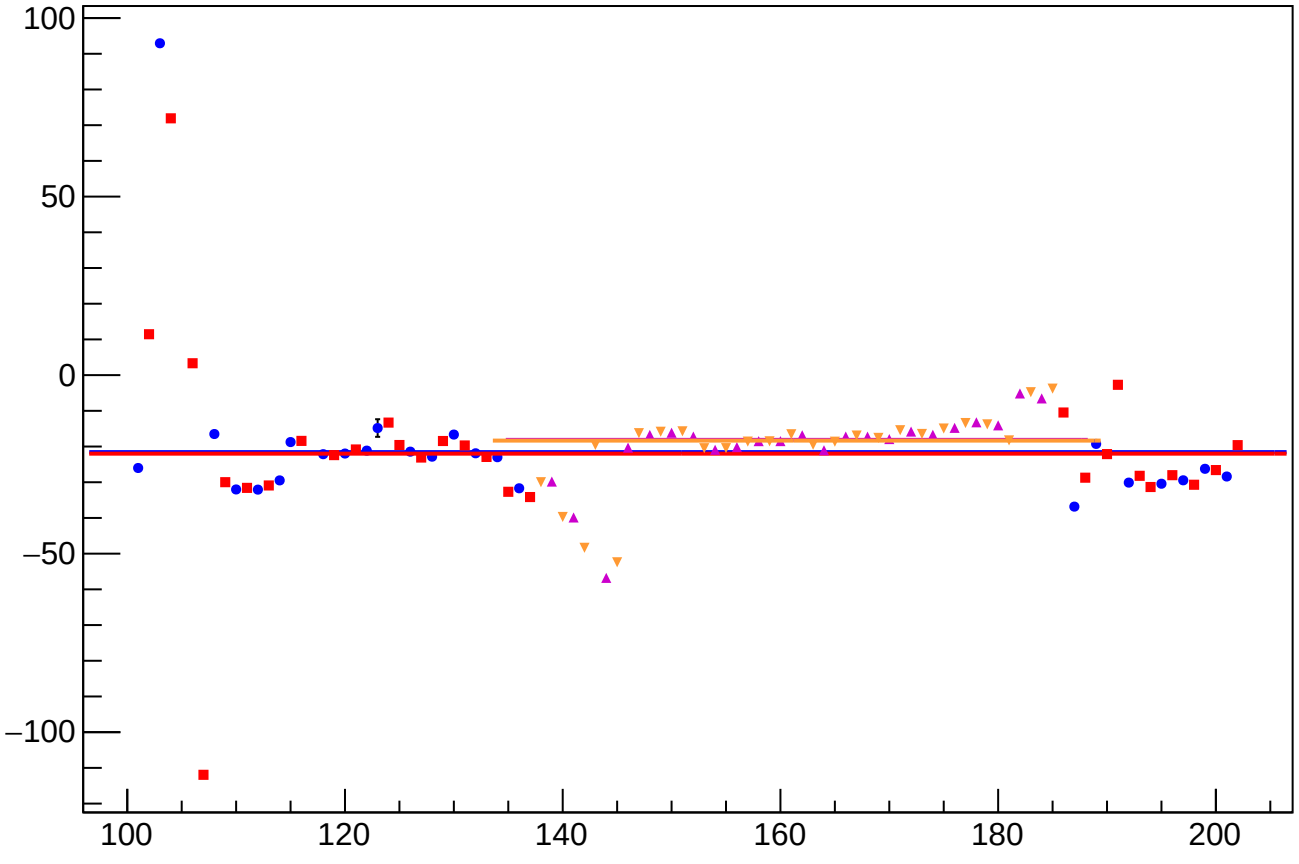
Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

+ sign -16.532+/-0.305 χ^2/NDF: 2095.1/48

All: -17.007+/-0.215 χ^2/NDF: 4470.7/99

- sign -17.478+/-0.304 χ^2/NDF: 2370.9/50

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -21.563+/-0.033 χ^2/NDF: 510318.4/23

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -21.995+/-0.029 χ^2/NDF: 484701.6/27

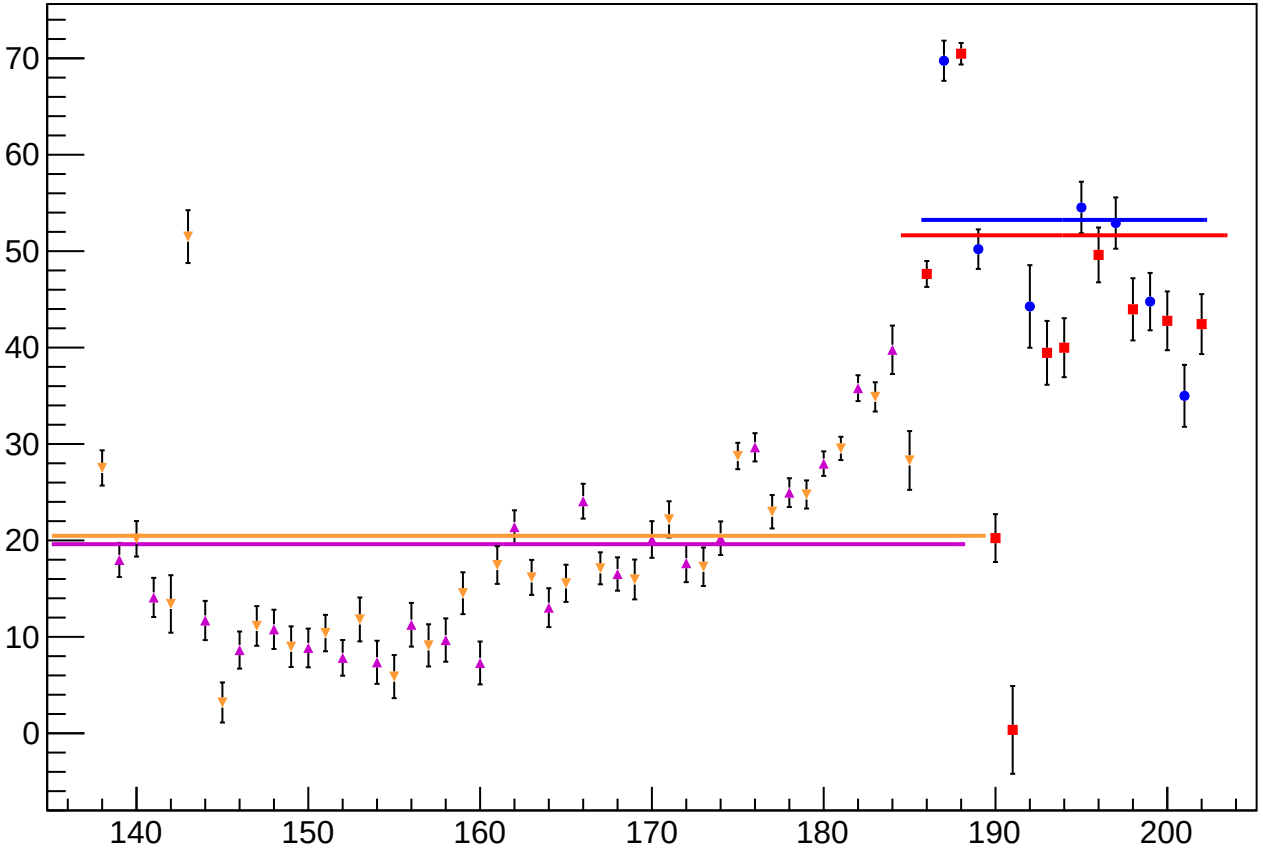
Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

+ sign -18.951+/-0.014 χ^2/NDF: 801971.0/48

All: -18.990+/-0.010 χ^2/NDF: 1545764.3/99

- sign -19.028+/-0.014 χ^2/NDF: 743778.7/50

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 53.241+/-0.993 χ^2/NDF: 110.1/6

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 51.644+/-0.675 χ^2/NDF: 631.3/9

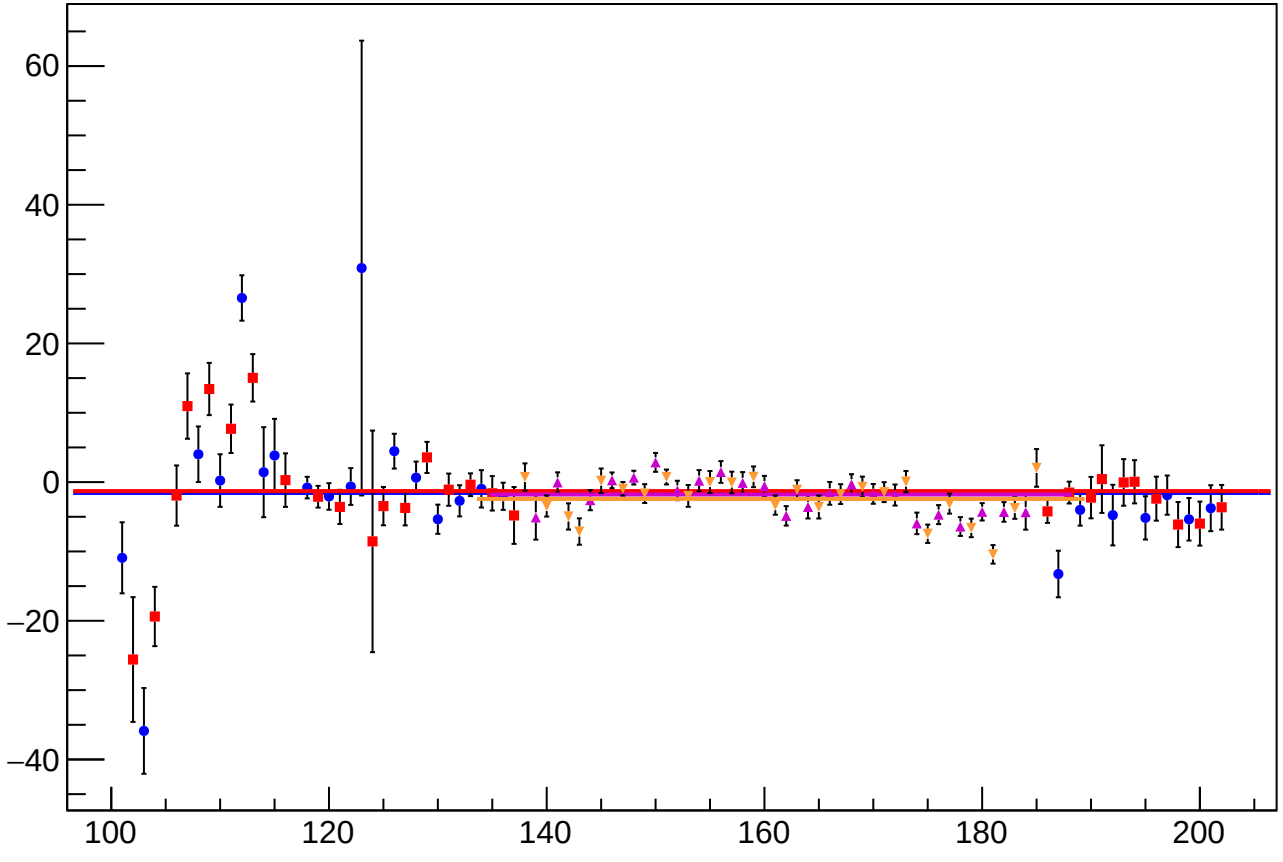
Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

+ sign 24.550+/-0.350 χ^2/NDF: 1679.6/31

All: 25.991+/-0.240 χ^2/NDF: 4628.0/64

- sign 27.276+/-0.330 χ^2/NDF: 2916.4/32

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.562+/-0.568 χ^2/NDF: 140.2/23

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -1.295+/-0.512 χ^2/NDF: 94.1/27

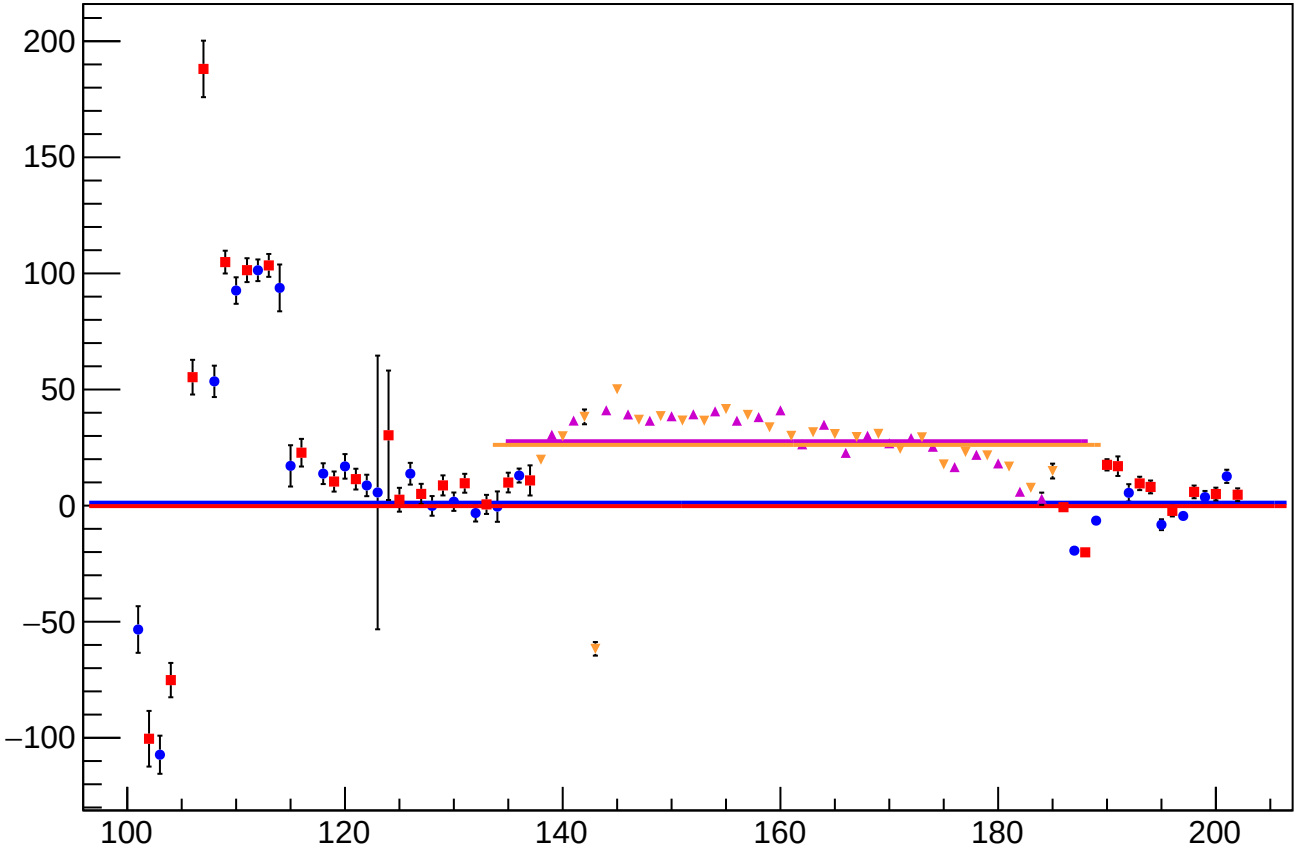
Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

+ sign -2.247+/-0.260 χ^2/NDF: 245.7/48

All: -1.955+/-0.184 χ^2/NDF: 413.1/99

- sign -1.664+/-0.260 χ^2/NDF: 164.9/50

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 1.269+/-0.698 χ^2/NDF: 1317.7/23

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -0.216+/-0.514 χ^2/NDF: 2399.4/27

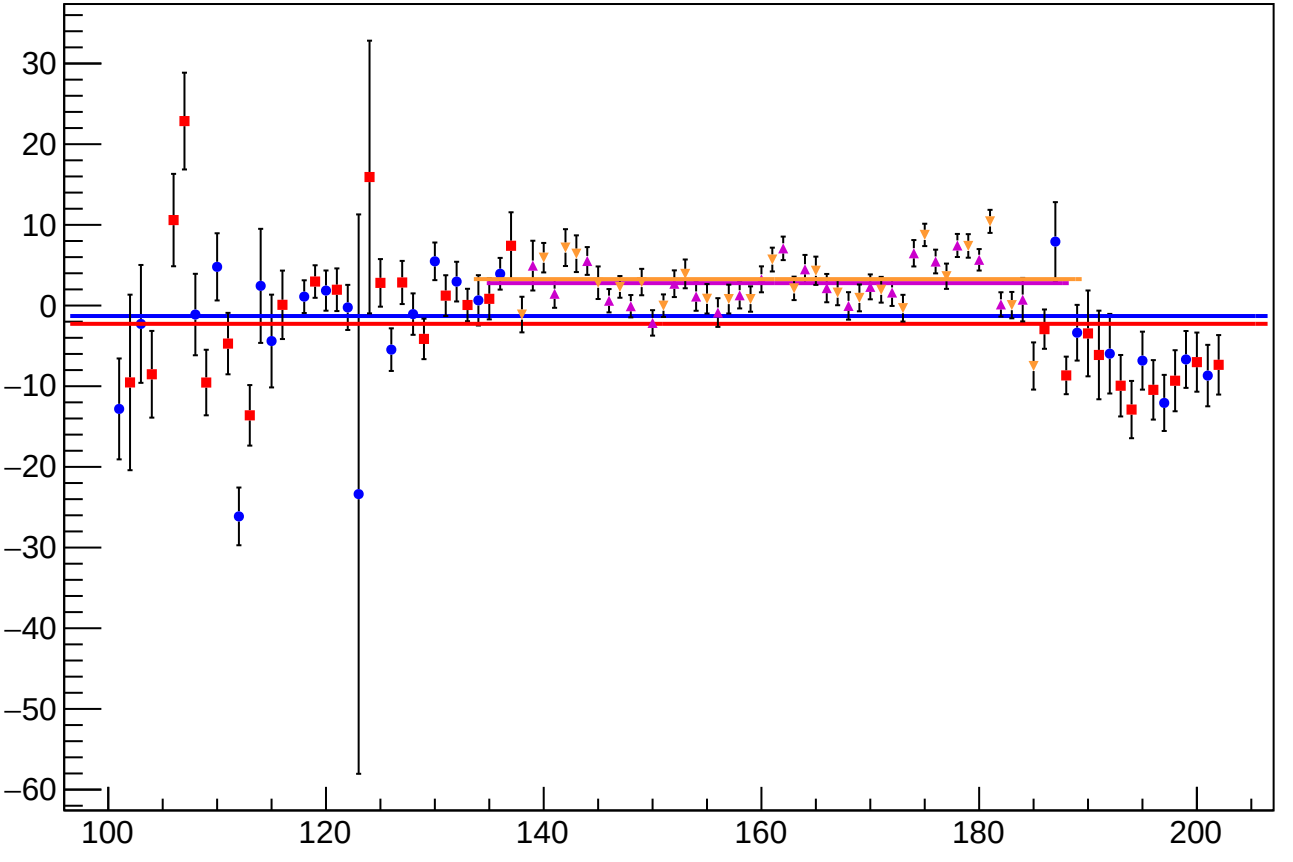
Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

+ sign 20.643+/-0.329 χ^2/NDF: 3884.0/48

All: 19.192+/-0.223 χ^2/NDF: 9048.6/99

- sign 17.955+/-0.304 χ^2/NDF: 5128.5/50

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -1.299+/-0.662 χ^2/NDF: 102.2/23

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -2.267+/-0.615 χ^2/NDF: 98.5/27

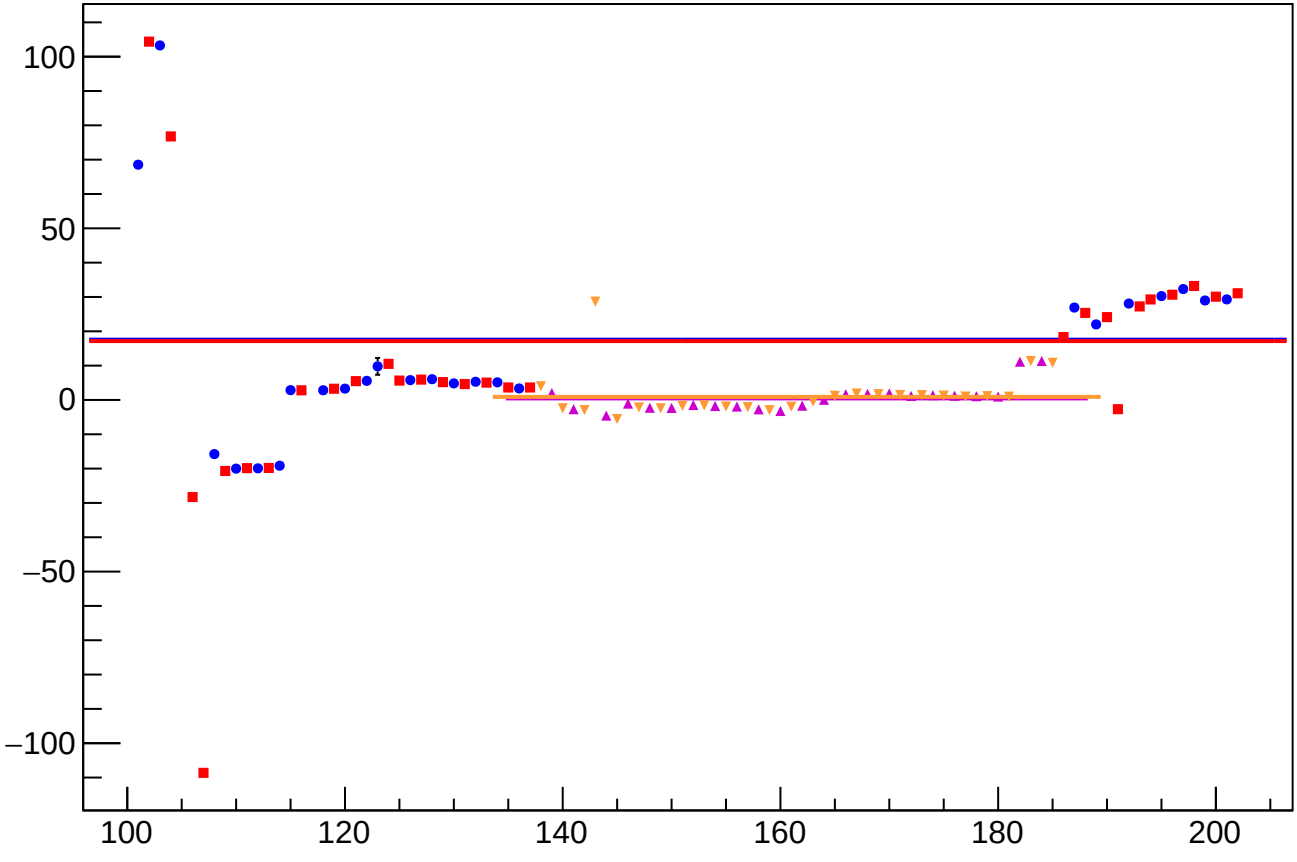
Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

+ sign 2.355+/-0.297 χ^2/NDF: 242.2/48

All: 1.977+/-0.210 χ^2/NDF: 461.9/99

- sign 1.596+/-0.298 χ^2/NDF: 216.5/50

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 17.556+/-0.032 χ^2/NDF: 469506.0/23

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 17.147+/-0.029 χ^2/NDF: 708685.5/27

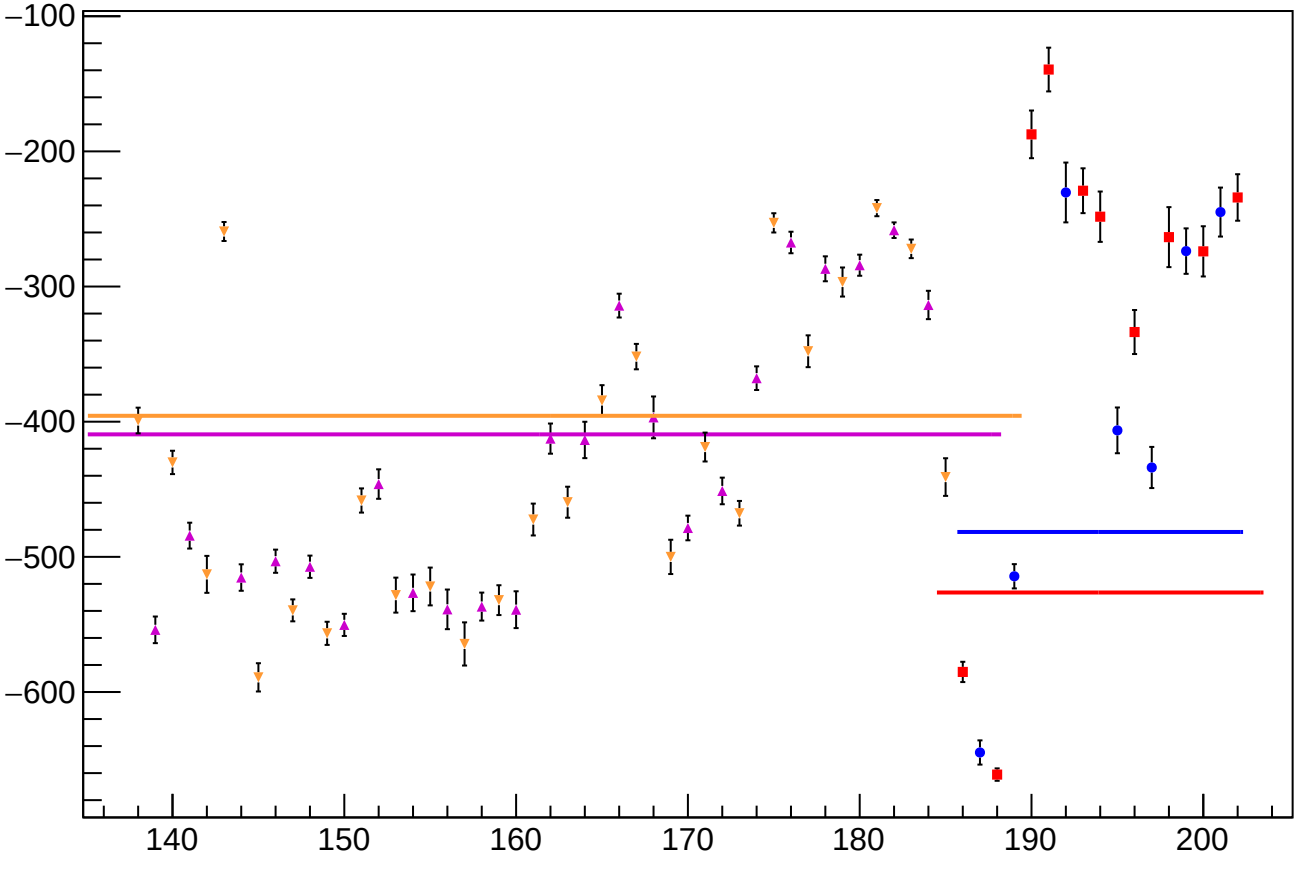
Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

+ sign 3.917+/-0.014 χ^2/NDF: 795000.5/48

All: 3.993+/-0.010 χ^2/NDF: 1810598.7/99

- sign 4.068+/-0.014 χ^2/NDF: 1015536.8/50

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -481.590+/-4.922 χ^2/NDF: 826.3/6

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -526.376+/-3.319 χ^2/NDF: 3160.2/9

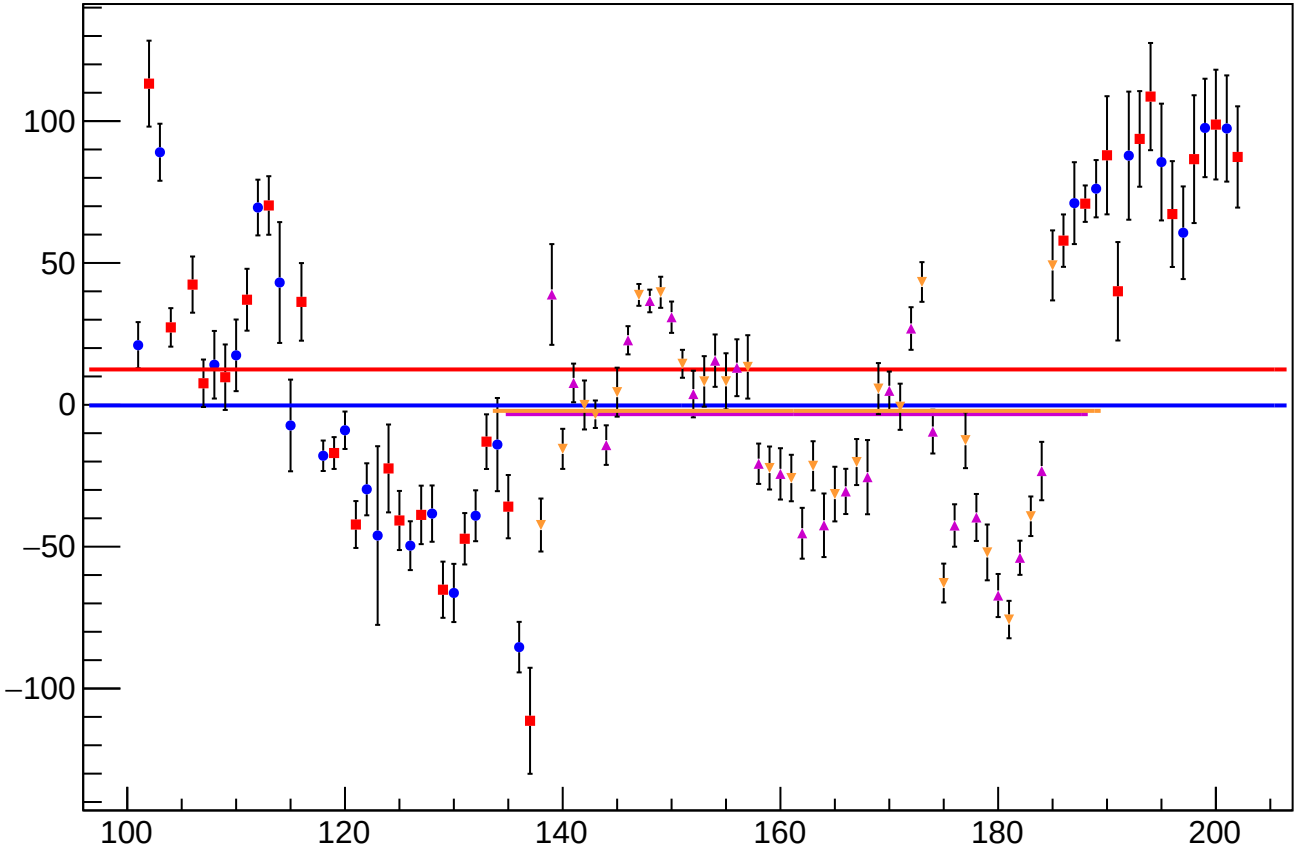
Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

+ sign -406.877+/-1.780 χ^2/NDF: 4795.4/31

All: -424.193+/-1.227 χ^2/NDF: 12150.9/64

- sign -439.895+/-1.695 χ^2/NDF: 7175.1/32

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -0.223+/-2.151 χ^2/NDF: 556.4/23

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 12.466+/-1.988 χ^2/NDF: 628.6/27

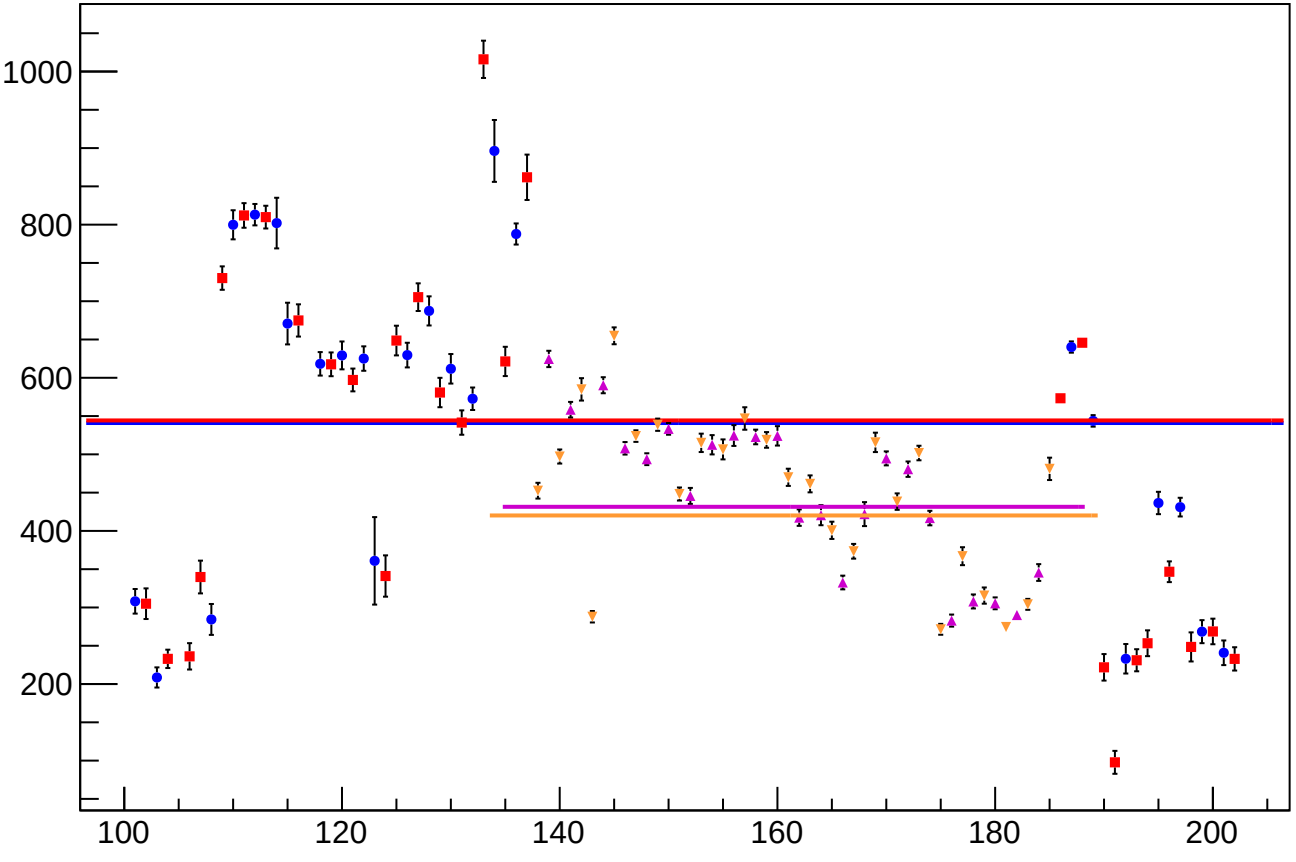
Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

+ sign -1.545+/-1.194 χ^2/NDF: 1119.8/48

All: 0.461+/-0.848 χ^2/NDF: 2248.3/99

- sign 2.507+/-1.206 χ^2/NDF: 1122.8/50

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 540.923+/-2.987 χ^2/NDF: 3497.2/23

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 544.287+/-2.285 χ^2/NDF: 6653.4/27

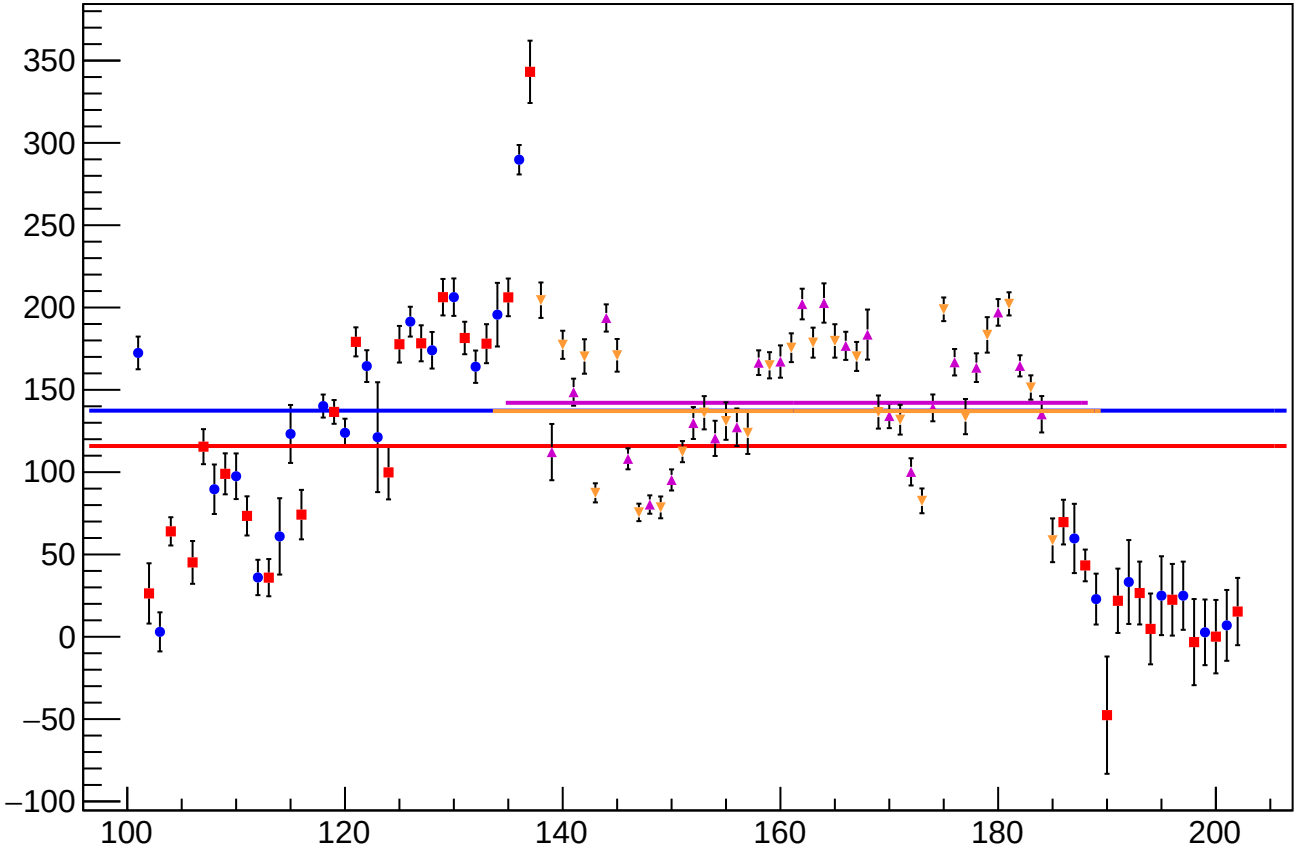
Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

+ sign 455.368+/-1.613 χ^2/NDF: 7896.0/48

All: 468.341+/-1.094 χ^2/NDF: 18967.9/99

- sign 479.411+/-1.489 χ^2/NDF: 10952.0/50

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 137.357+/-2.527 χ^2/NDF: 879.4/23

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 115.874+/-2.372 χ^2/NDF: 882.4/27

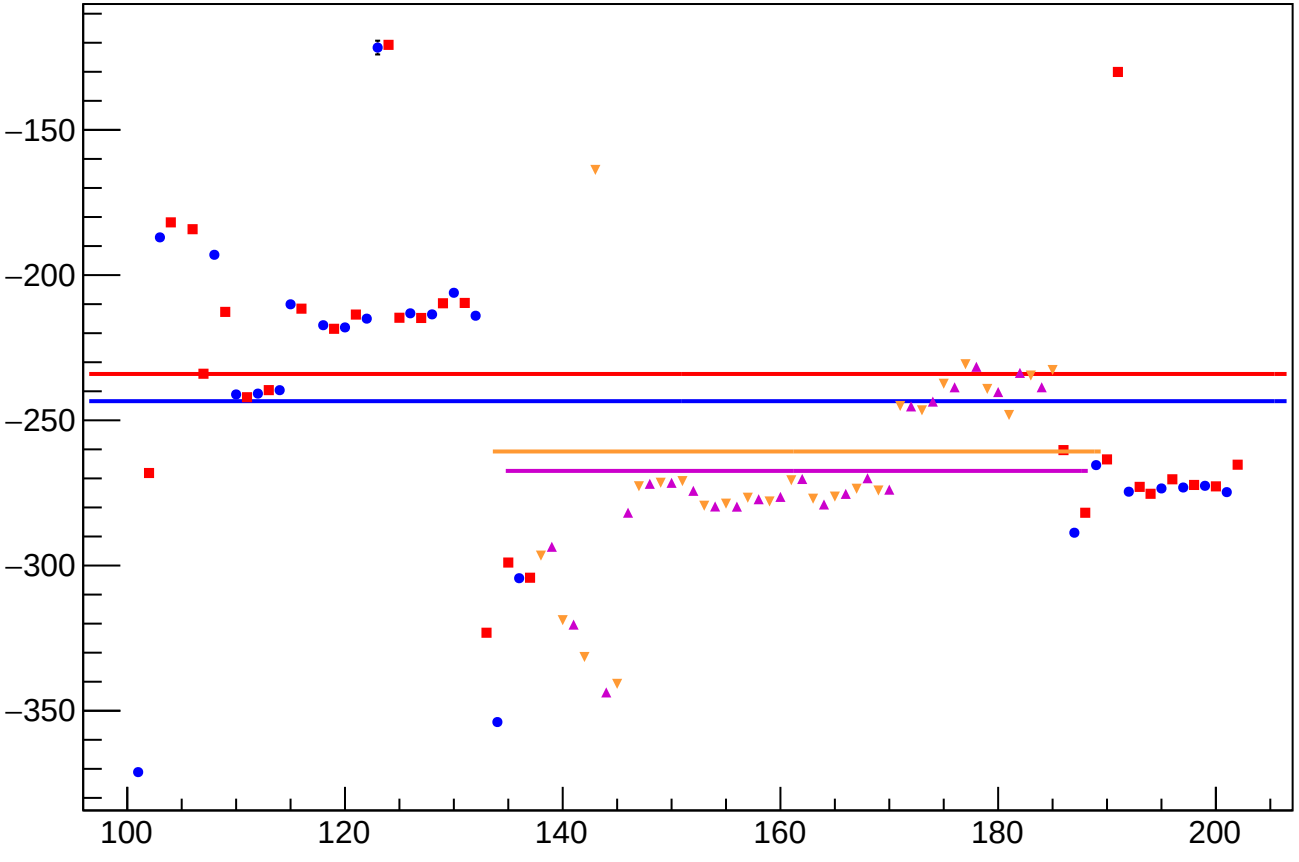
Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

+ sign 137.183+/-1.389 χ^2/NDF: 1618.3/48

All: 135.082+/-0.987 χ^2/NDF: 3048.7/99

- sign 132.938+/-1.403 χ^2/NDF: 1425.8/50

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -243.404+/-0.130 χ^2/NDF: 161475.5/23

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -234.040+/-0.117 χ^2/NDF: 164963.7/27

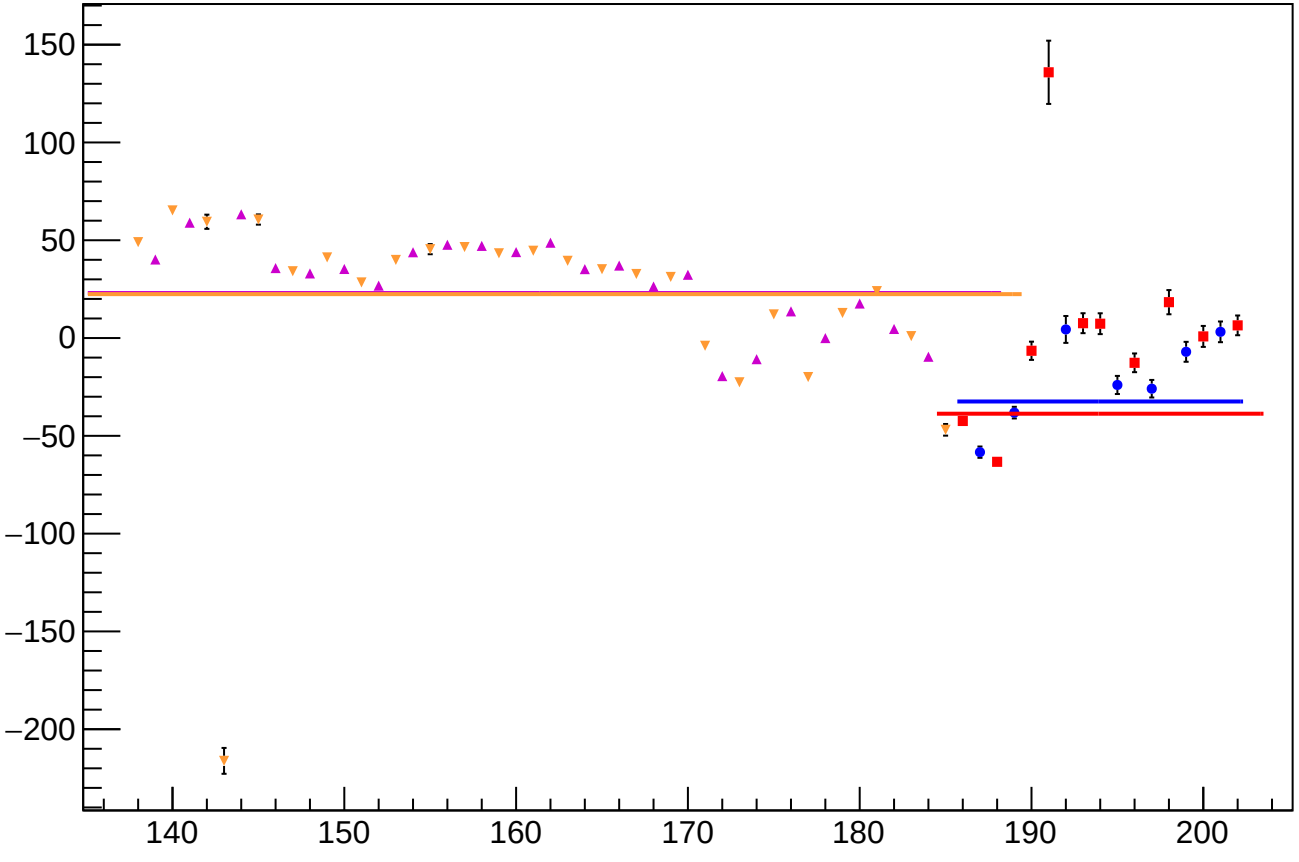
Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

+ sign -256.002+/-0.068 χ^2/NDF: 394543.9/48

All: -256.257+/-0.048 χ^2/NDF: 713472.6/99

- sign -256.504+/-0.067 χ^2/NDF: 318900.8/50

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -32.438+/-1.536 χ^2/NDF: 188.4/6

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -38.689+/-0.997 χ^2/NDF: 823.0/9

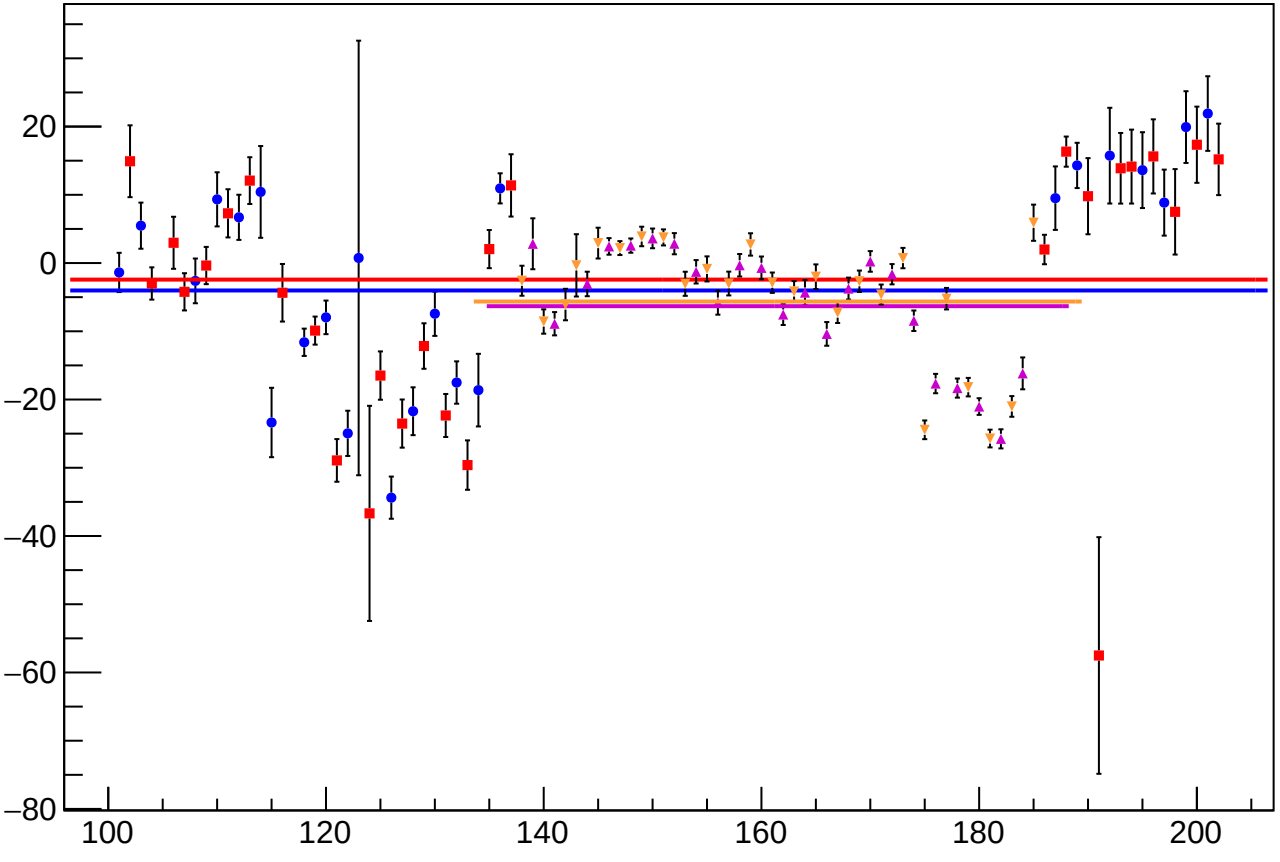
Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

+ sign 18.977+/-0.386 χ^2/NDF: 6320.9/31

All: 16.635+/-0.268 χ^2/NDF: 13334.9/64

- sign 14.472+/-0.371 χ^2/NDF: 6943.2/32

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -4.018+/-0.716 χ^2/NDF: 409.5/23

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -2.425+/-0.649 χ^2/NDF: 445.4/27

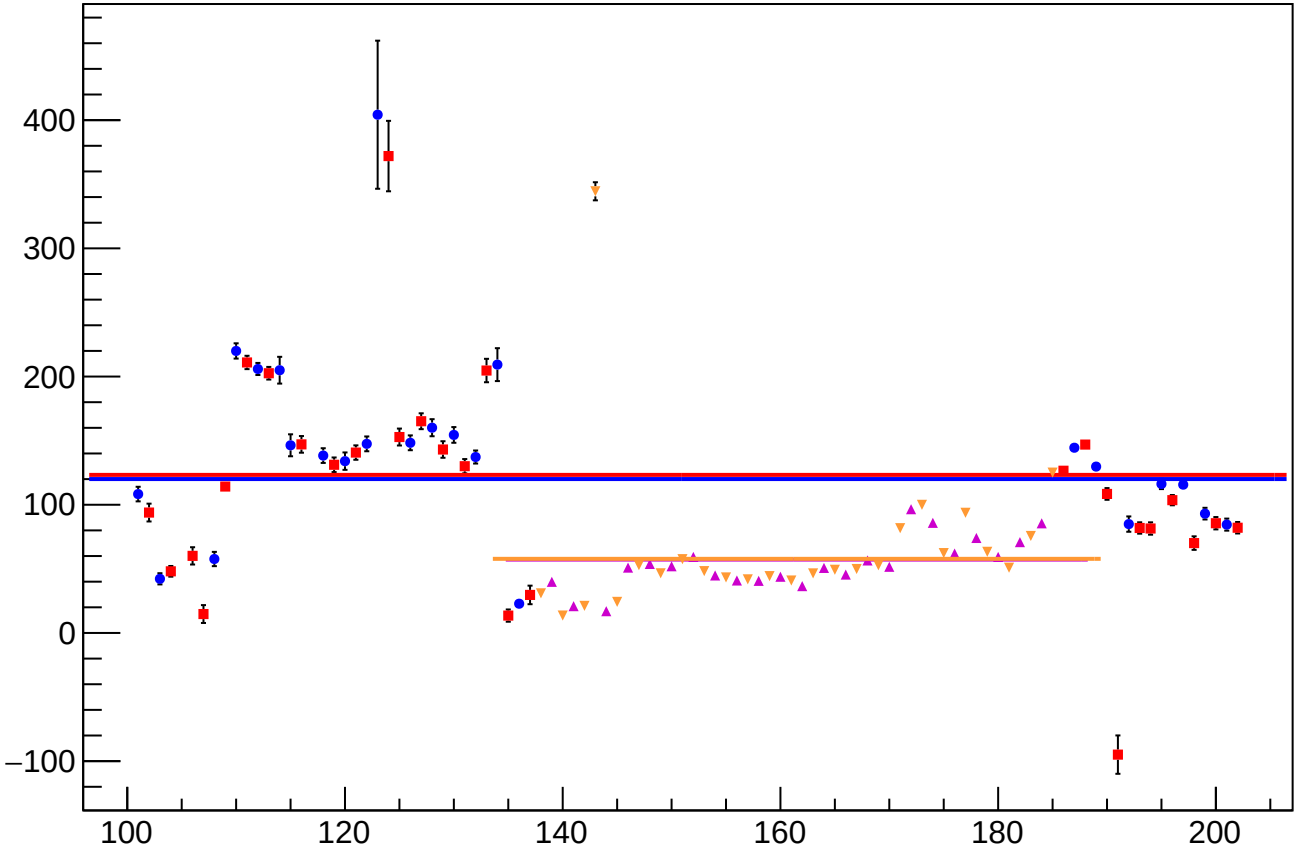
Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

+ sign -5.375+/-0.289 χ^2/NDF: 1305.4/48

All: -5.468+/-0.204 χ^2/NDF: 2564.3/99

- sign -5.560+/-0.287 χ^2/NDF: 1258.7/50

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 120.047+/-0.955 χ^2/NDF: 2414.8/23

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 123.302+/-0.704 χ^2/NDF: 3198.4/27

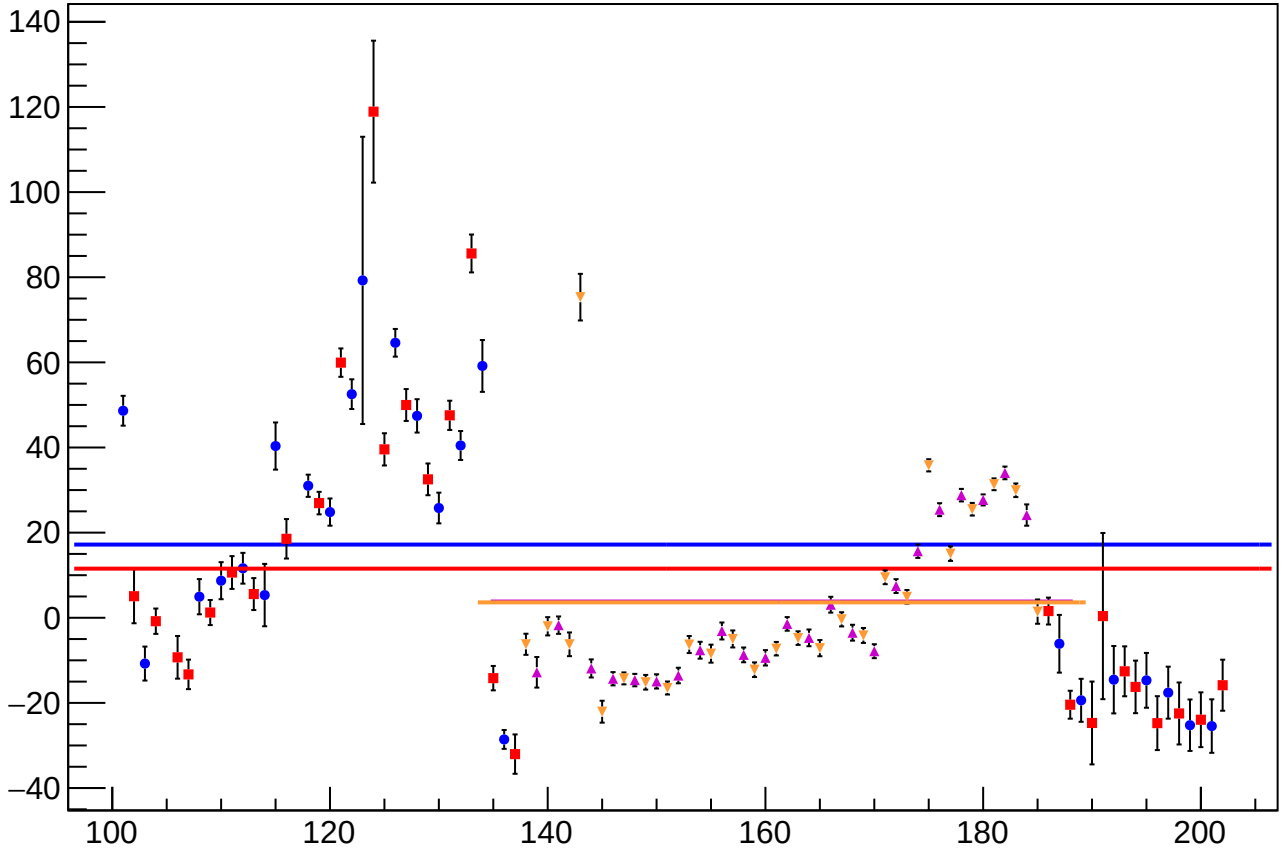
Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

+ sign 67.032+/-0.367 χ^2/NDF: 10366.6/48

All: 70.316+/-0.252 χ^2/NDF: 22253.4/99

- sign 73.238+/-0.346 χ^2/NDF: 11735.8/50

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 17.197+/-0.832 χ^2/NDF: 1336.5/23

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 11.540+/-0.774 χ^2/NDF: 1400.1/27

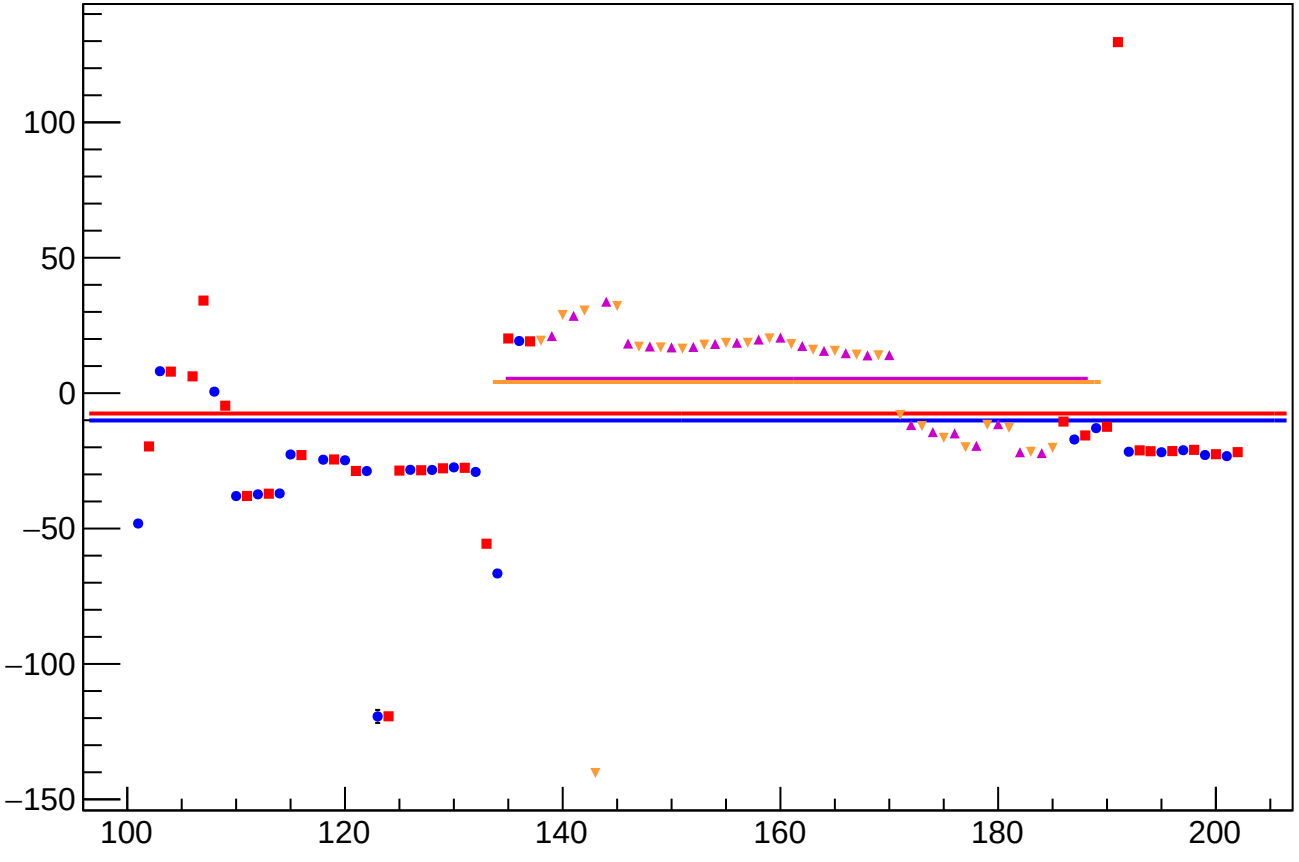
Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

+ sign 5.725+/-0.328 χ^2/NDF: 4062.9/48

All: 5.458+/-0.231 χ^2/NDF: 7749.8/99

- sign 5.192+/-0.327 χ^2/NDF: 3685.6/50

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -10.086+/-0.040 χ^2/NDF: 291789.2/23

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -7.518+/-0.037 χ^2/NDF: 377765.4/27

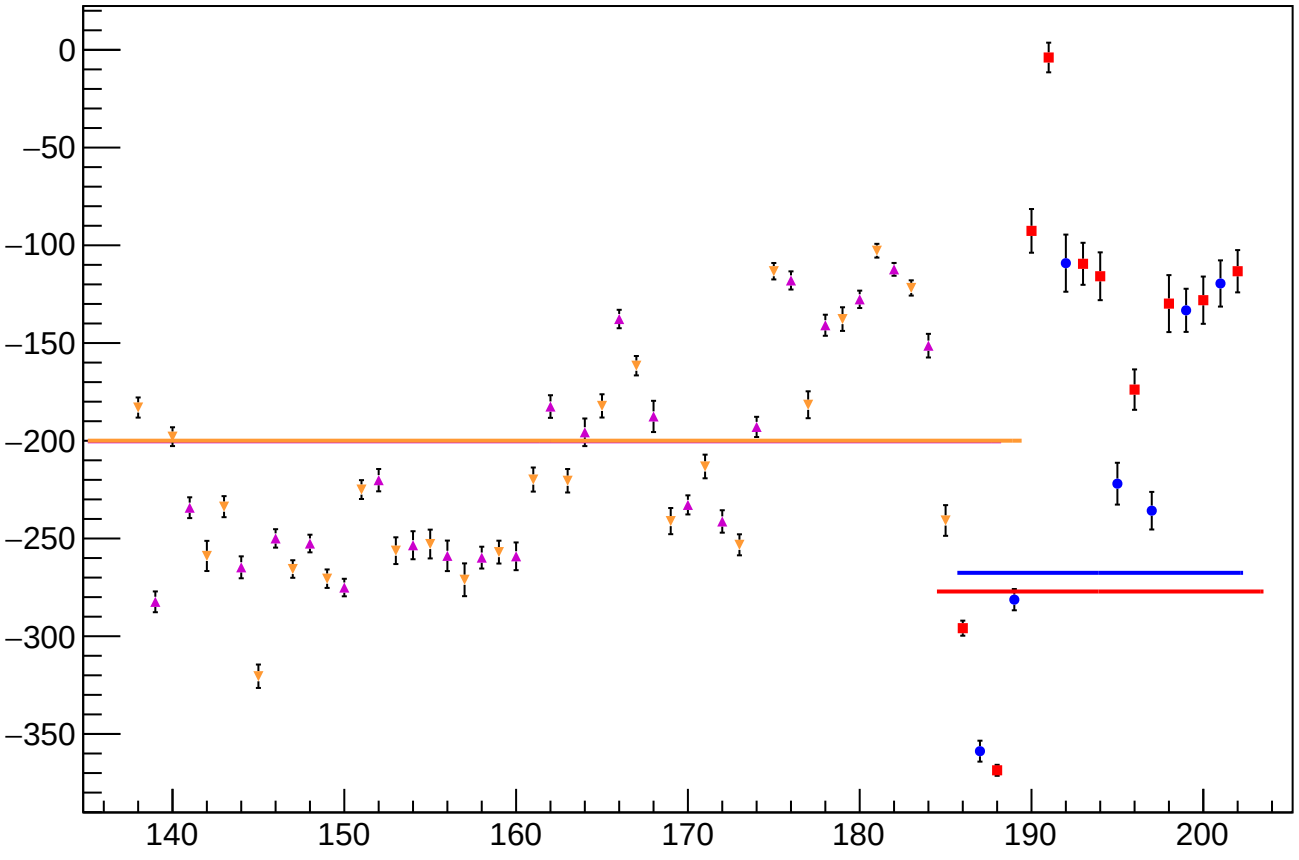
Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

+ sign 2.076+/-0.015 χ^2/NDF: 1740390.7/48

All: 2.662+/-0.011 χ^2/NDF: 3310013.3/99

- sign 3.235+/-0.015 χ^2/NDF: 1566665.1/50

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -267.564+/-3.039 χ^2/NDF: 748.0/6

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -277.119+/-1.947 χ^2/NDF: 3650.9/9

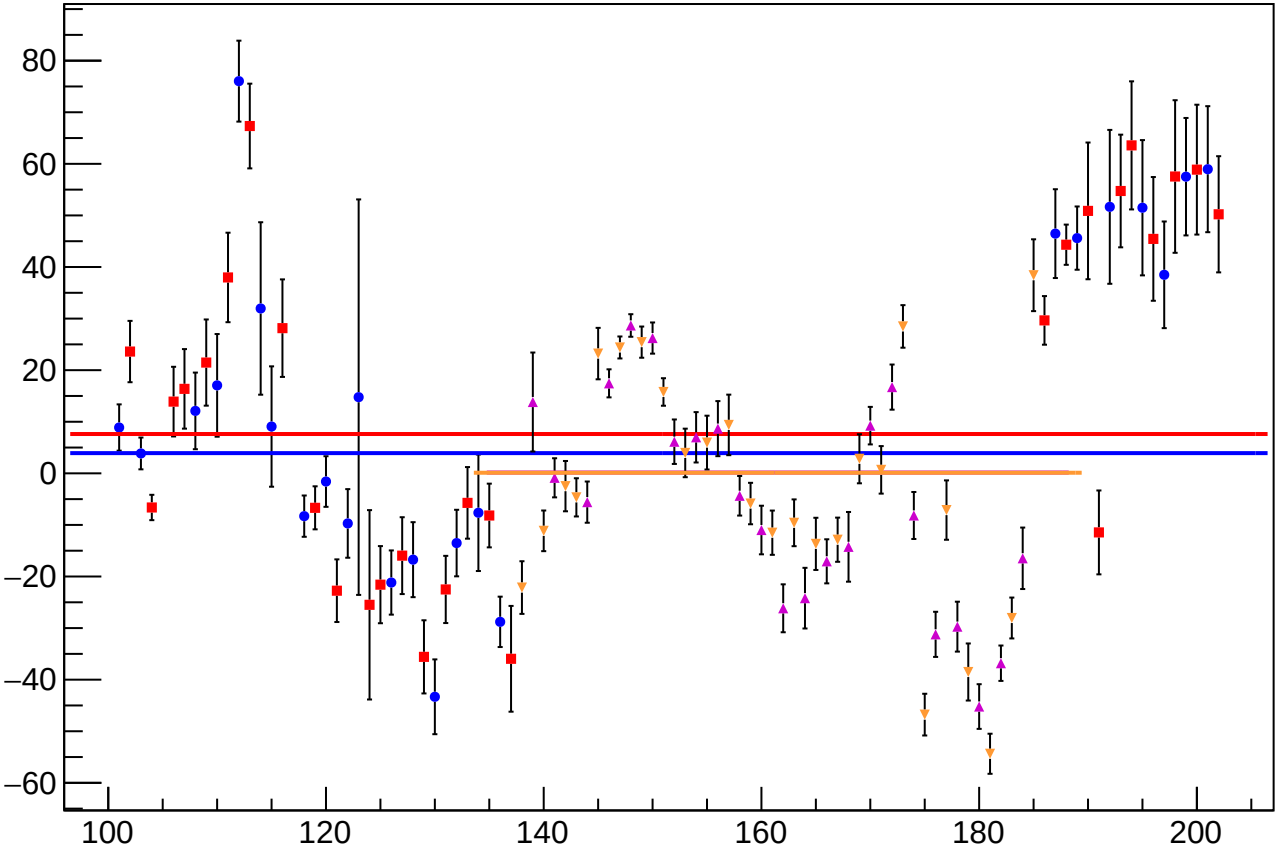
Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

+ sign -207.557+/-1.019 χ^2/NDF: 4407.7/31

All: -213.501+/-0.696 χ^2/NDF: 12320.7/64

- sign -218.703+/-0.953 χ^2/NDF: 7849.2/32

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 3.919+/-1.349 χ^2/NDF: 374.2/23

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 7.623+/-1.211 χ^2/NDF: 485.4/27

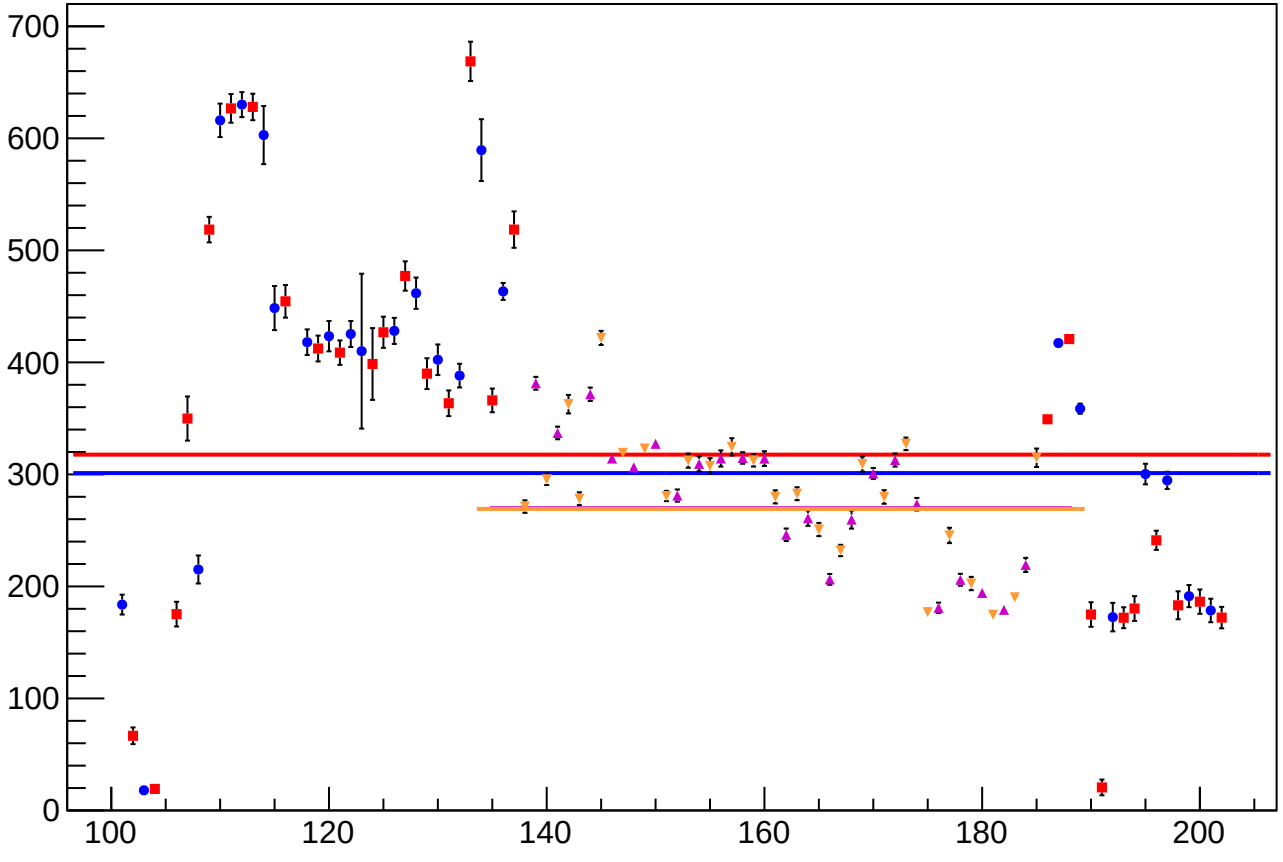
Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

+ sign 1.124+/-0.695 χ^2/NDF: 1210.2/48

All: 1.852+/-0.489 χ^2/NDF: 2443.2/99

- sign 2.565+/-0.688 χ^2/NDF: 1230.8/50

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 301.163+/-1.775 χ^2/NDF: 9076.9/23

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 317.635+/-1.344 χ^2/NDF: 13783.5/27

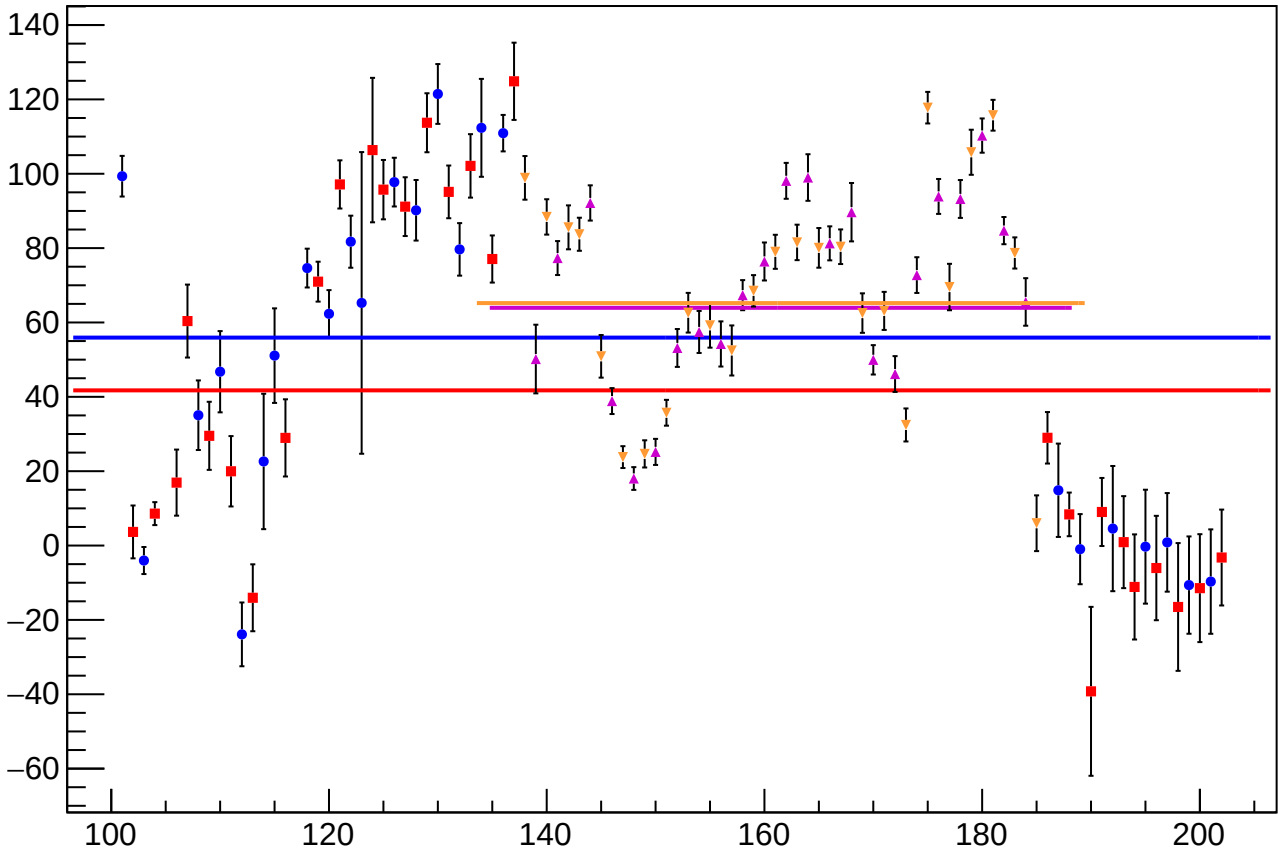
Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

+ sign 277.833+/-0.923 χ^2/NDF: 12462.3/48

All: 283.756+/-0.623 χ^2/NDF: 30322.3/99

- sign 288.720+/-0.845 χ^2/NDF: 17784.4/50

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 55.931+/-1.587 χ^2/NDF: 872.9/23

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 41.737+/-1.469 χ^2/NDF: 819.9/27

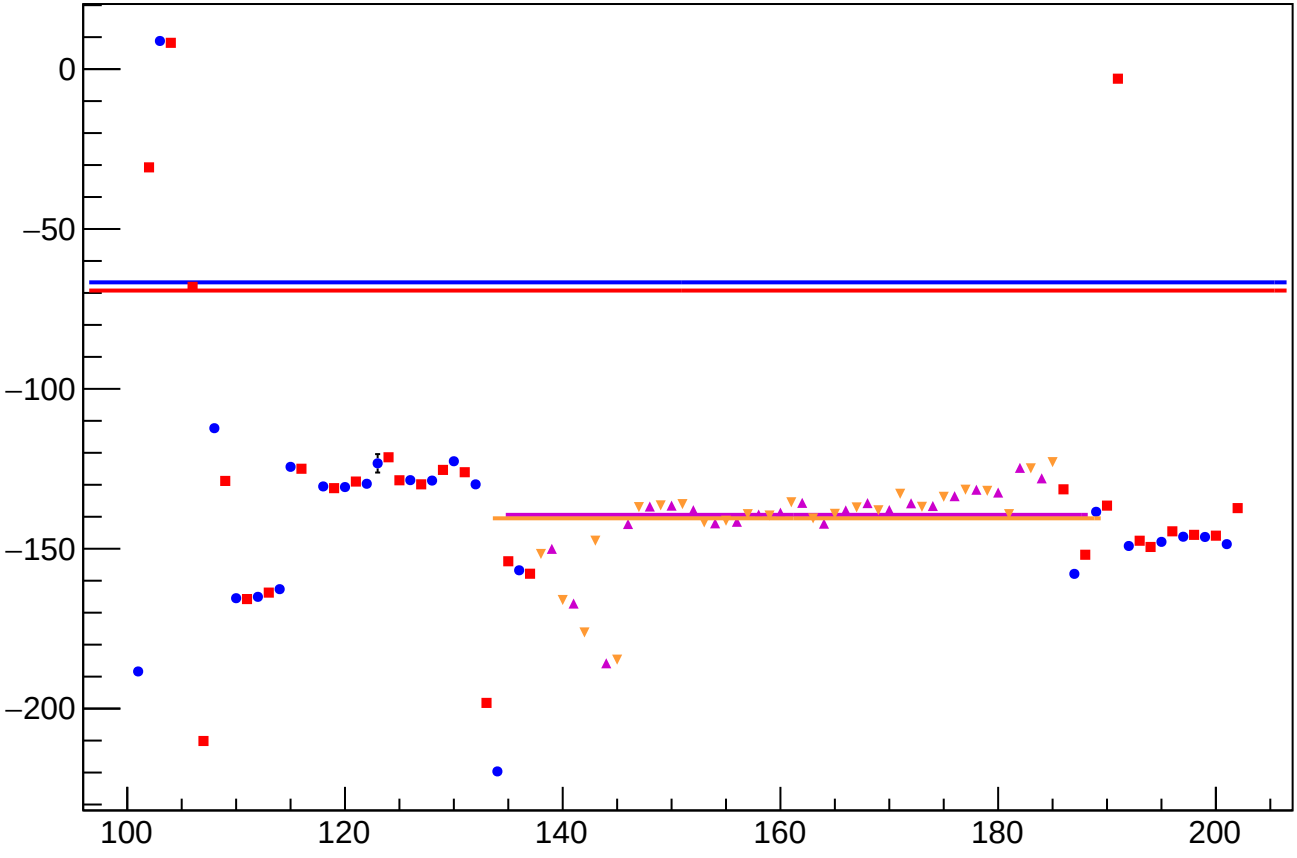
Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

+ sign 62.810+/-0.808 χ^2/NDF: 1903.9/48

All: 60.038+/-0.570 χ^2/NDF: 3710.8/99

- sign 57.291+/-0.804 χ^2/NDF: 1783.4/50

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -66.688+/-0.065 χ^2/NDF: 1478330.6/23

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -69.253+/-0.062 χ^2/NDF: 1355435.7/27

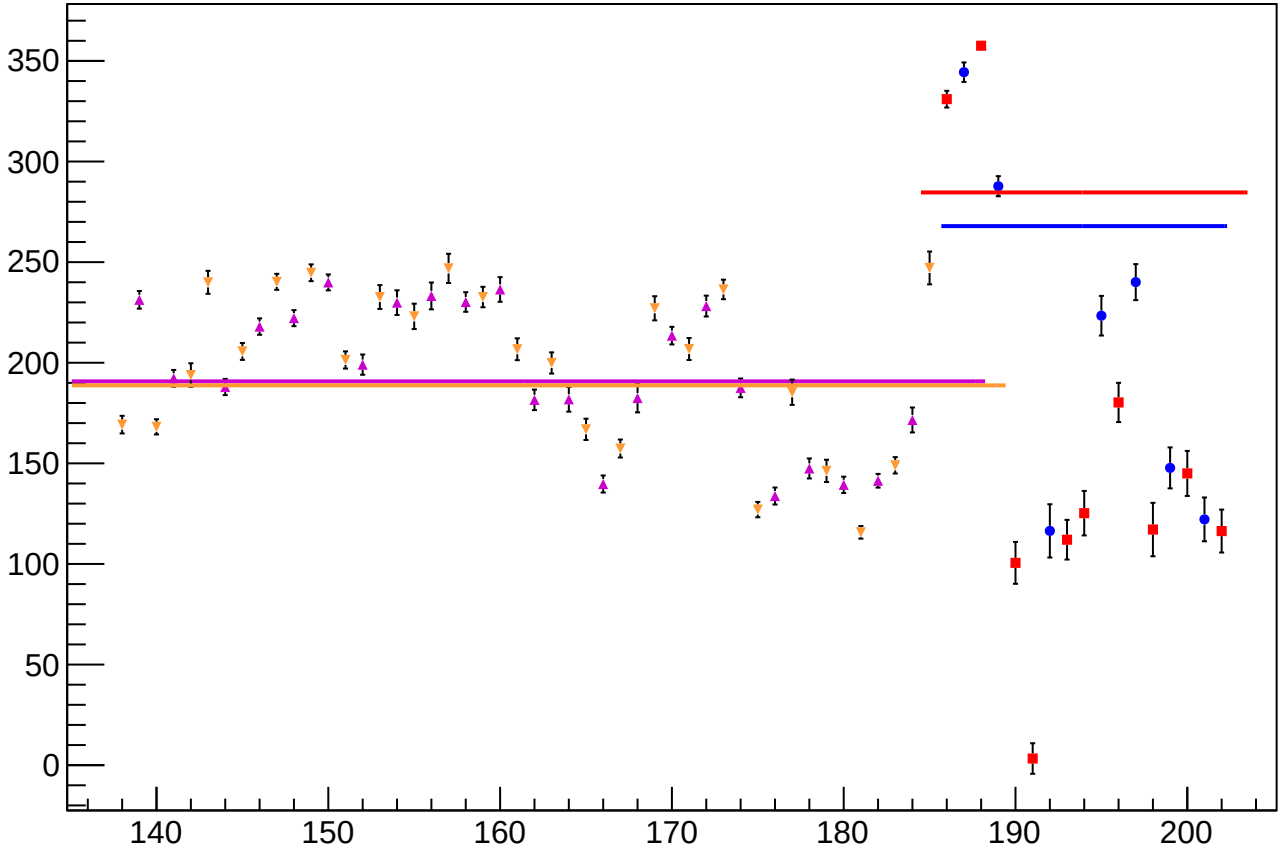
Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

+ sign -116.866+/-0.037 χ^2/NDF: 2428530.7/48

All: -116.119+/-0.026 χ^2/NDF: 4685686.0/99

- sign -115.391+/-0.036 χ^2/NDF: 2256343.2/50

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 267.904+/-2.781 χ^2/NDF: 745.3/6

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 284.639+/-1.840 χ^2/NDF: 3851.1/9

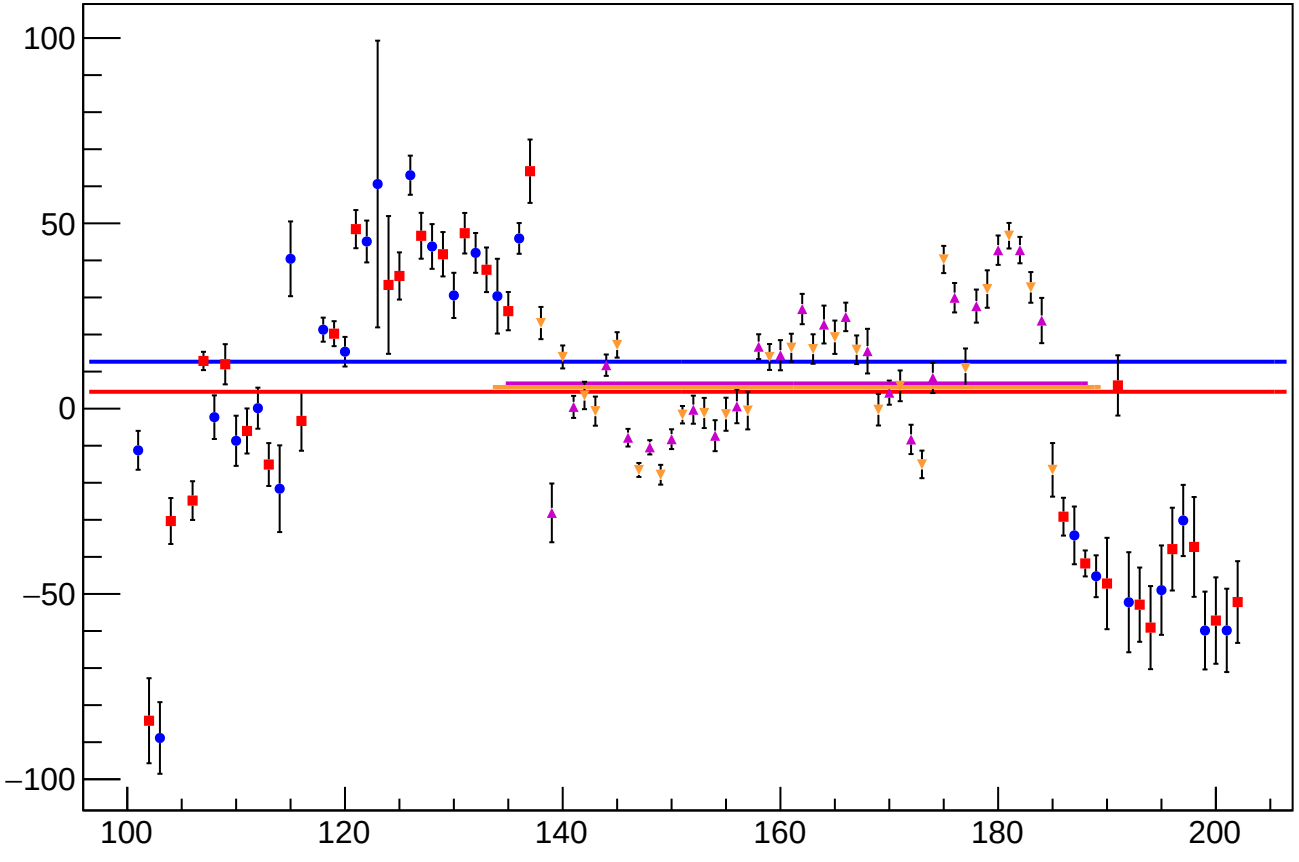
Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

+ sign 197.149+/-0.906 χ^2/NDF: 3438.3/31

All: 204.547+/-0.623 χ^2/NDF: 10873.6/64

- sign 211.196+/-0.859 χ^2/NDF: 7308.7/32

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.664+/-1.272 χ^2/NDF: 733.8/23

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 4.551+/-1.085 χ^2/NDF: 894.6/27

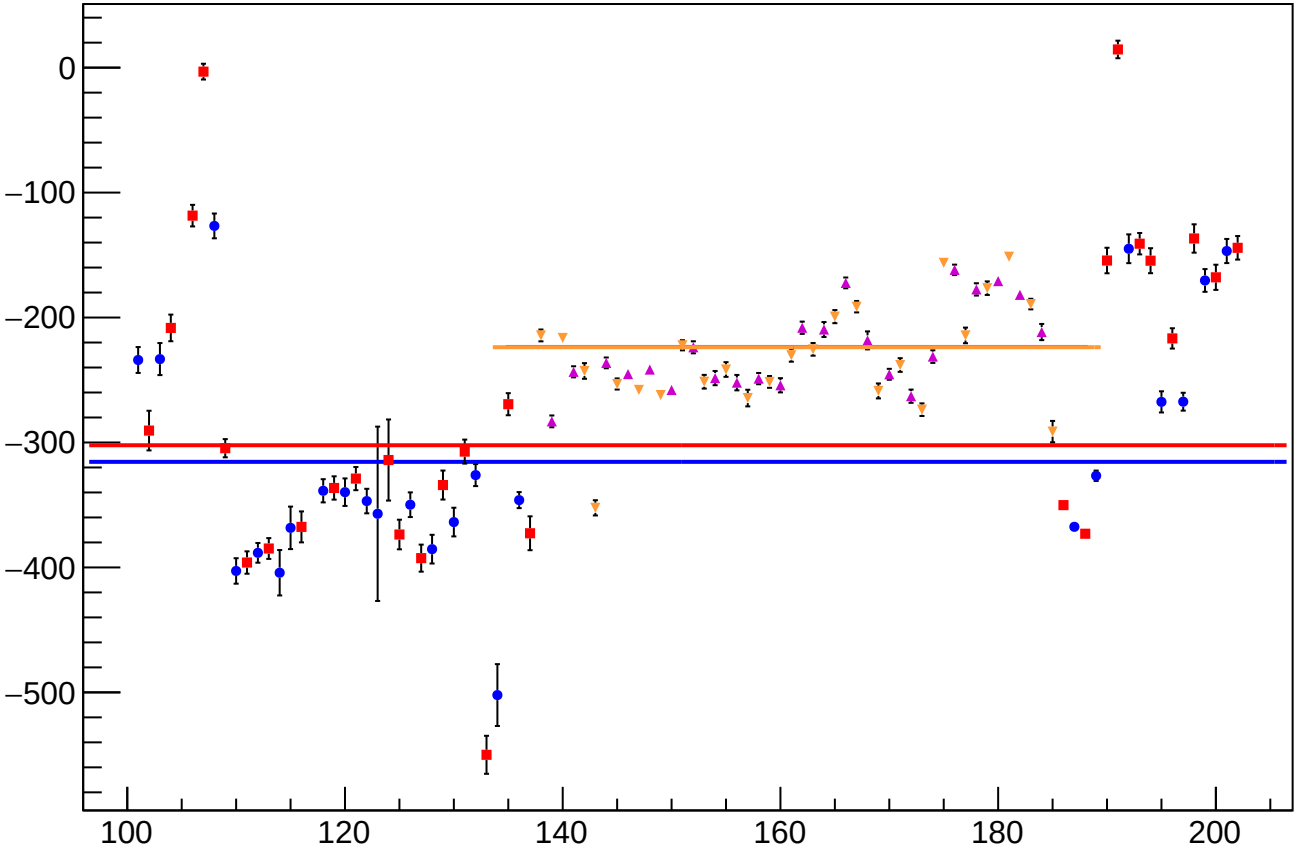
Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

+ sign 7.484+/-0.623 χ^2/NDF: 1406.2/48

All: 6.771+/-0.435 χ^2/NDF: 2832.1/99

- sign 6.091+/-0.608 χ^2/NDF: 1423.3/50

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -315.492+/-1.722 χ^2/NDF: 1860.9/23

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -302.214+/-1.270 χ^2/NDF: 8496.1/27

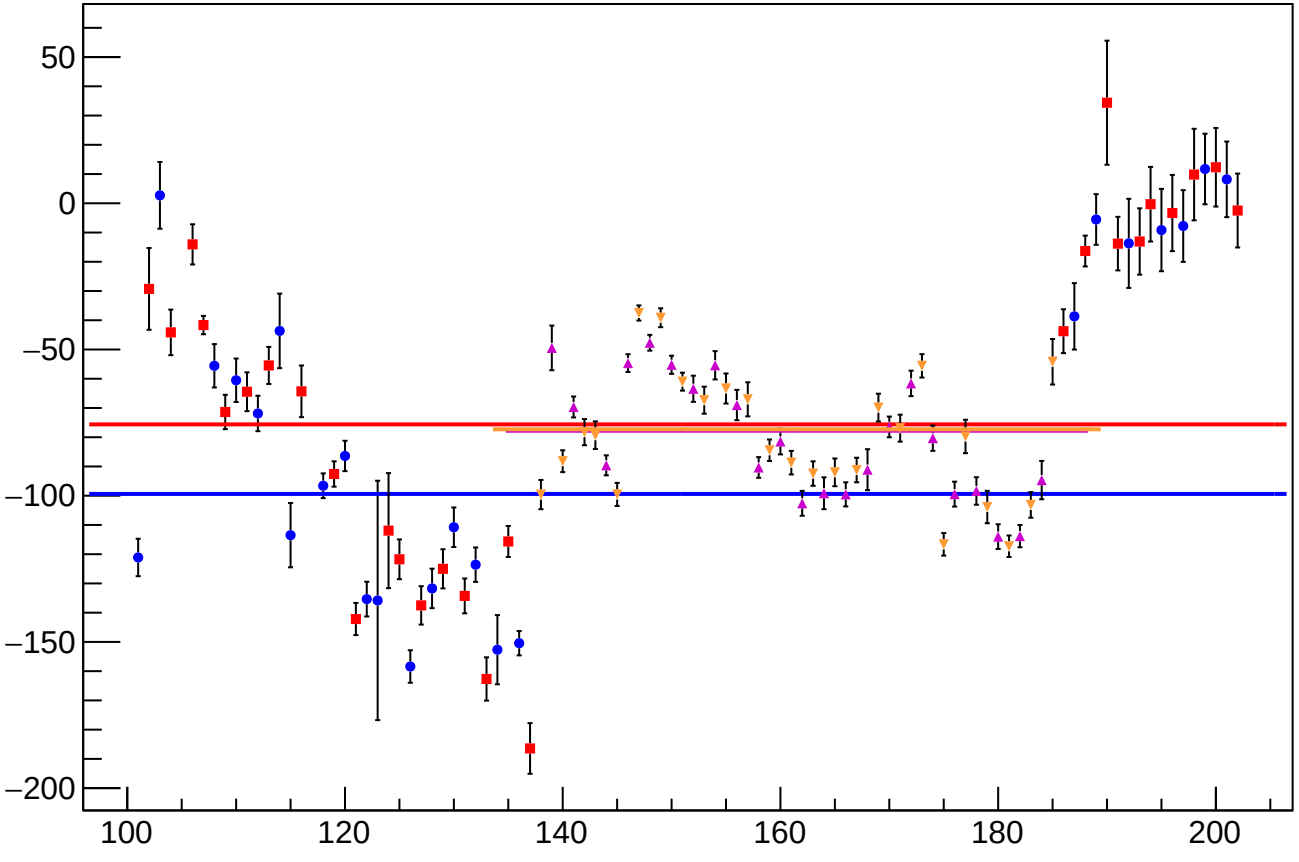
Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

+ sign -245.438+/-0.837 χ^2/NDF: 6050.4/48

All: -249.195+/-0.566 χ^2/NDF: 18300.5/99

- sign -252.362+/-0.769 χ^2/NDF: 12213.0/50

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -99.390+/-1.488 χ^2/NDF: 993.8/23

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -75.609+/-1.303 χ^2/NDF: 1469.3/27

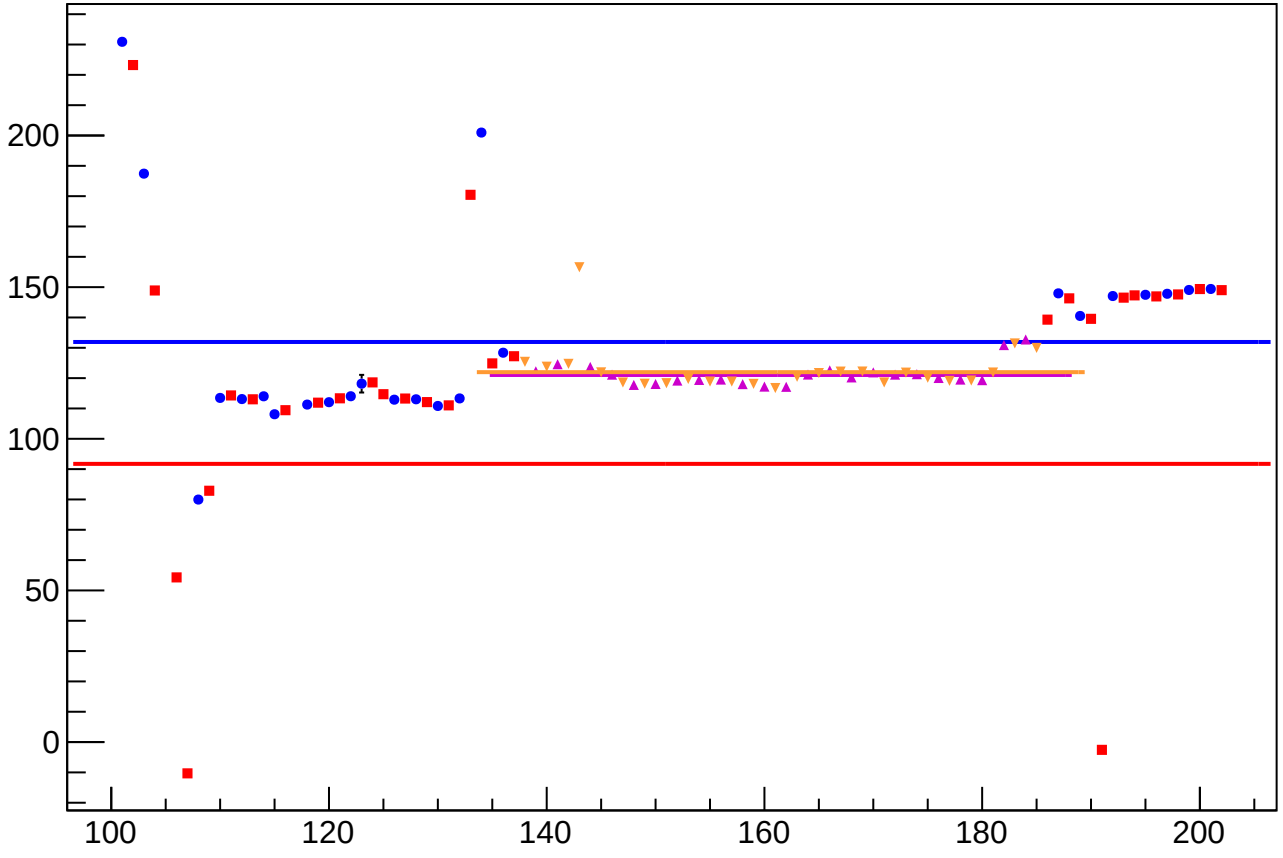
Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

+ sign -82.528+/-0.724 χ^2/NDF: 2006.7/48

All: -79.778+/-0.507 χ^2/NDF: 4130.7/99

- sign -77.133+/-0.710 χ^2/NDF: 2095.7/50

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 131.923+/-0.078 χ^2/NDF: 200345.8/23

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 91.731+/-0.063 χ^2/NDF: 1084820.0/27

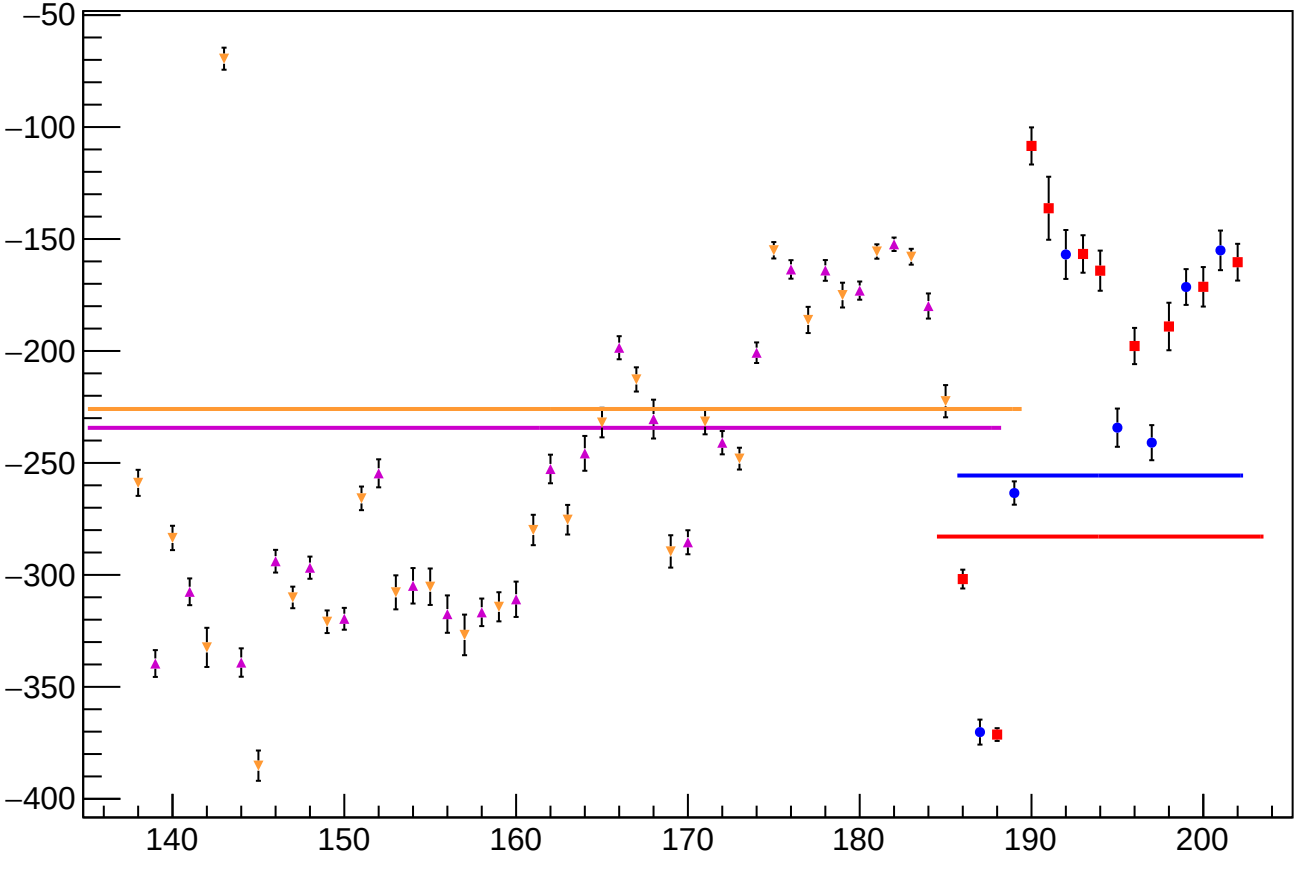
Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

+ sign 124.014+/-0.035 χ^2/NDF: 240803.3/48

All: 118.139+/-0.024 χ^2/NDF: 1540939.8/99

- sign 112.806+/-0.034 χ^2/NDF: 1247023.4/50

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -255.619+/-2.714 χ^2/NDF: 755.1/6

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -282.879+/-1.898 χ^2/NDF: 2507.0/9

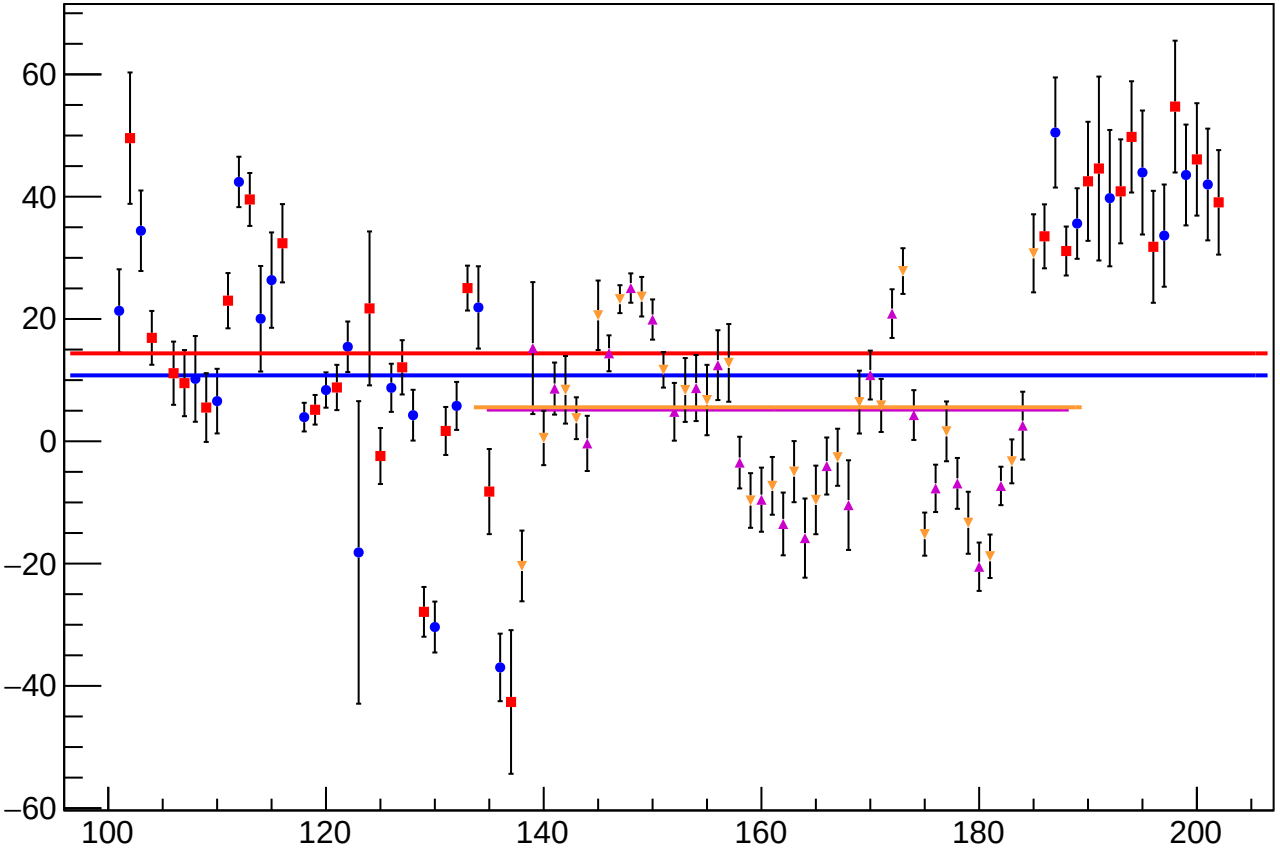
Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

+ sign -229.989+/-1.006 χ^2/NDF: 5527.6/31

All: -238.738+/-0.692 χ^2/NDF: 12259.1/64

- sign -246.609+/-0.954 χ^2/NDF: 6587.9/32

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 10.779+/-1.024 χ^2/NDF: 361.9/23

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 14.379+/-0.975 χ^2/NDF: 357.7/27

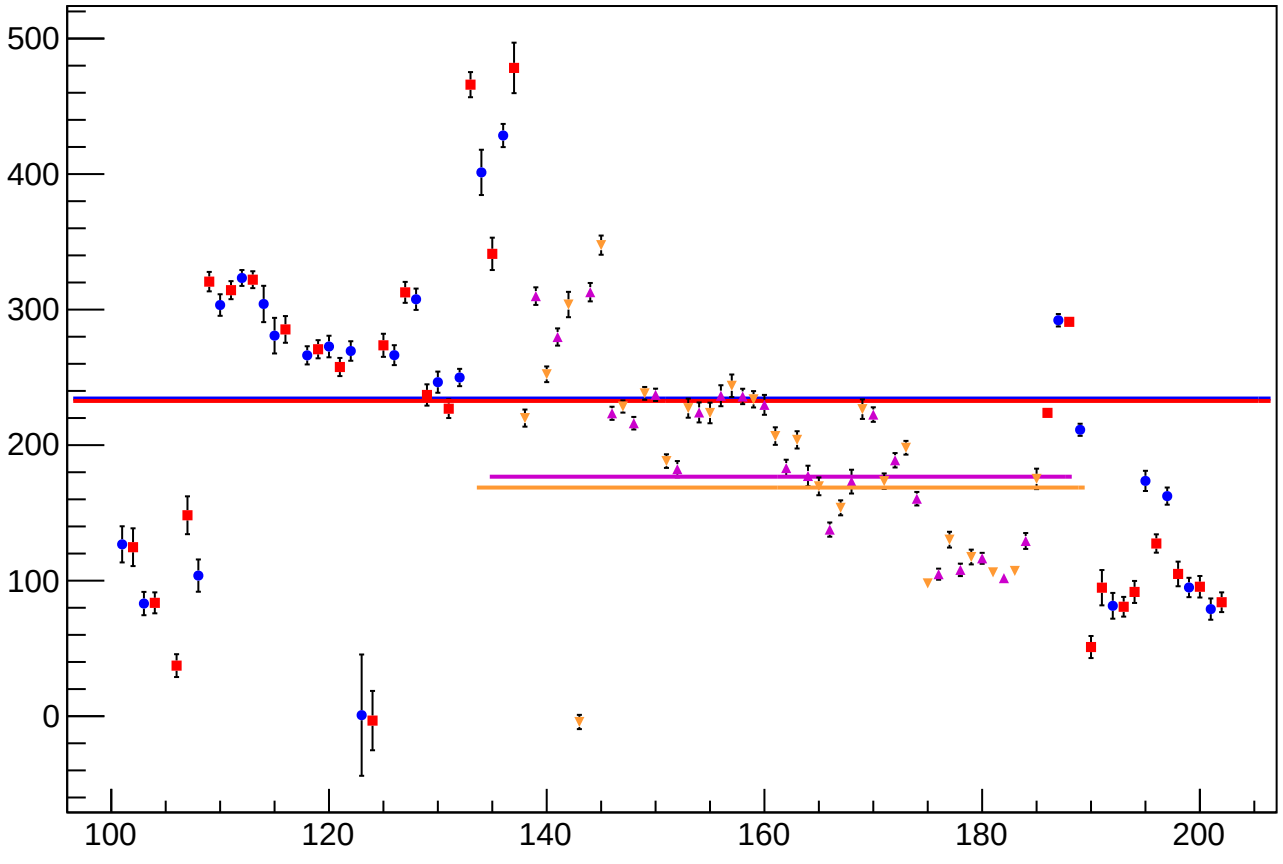
Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

+ sign 7.633+/-0.646 χ^2/NDF: 691.0/48

All: 8.435+/-0.457 χ^2/NDF: 1344.6/99

- sign 9.242+/-0.648 χ^2/NDF: 650.5/50

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 234.377+/-1.542 χ^2/NDF: 3077.3/23

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 232.617+/-1.235 χ^2/NDF: 5874.1/27

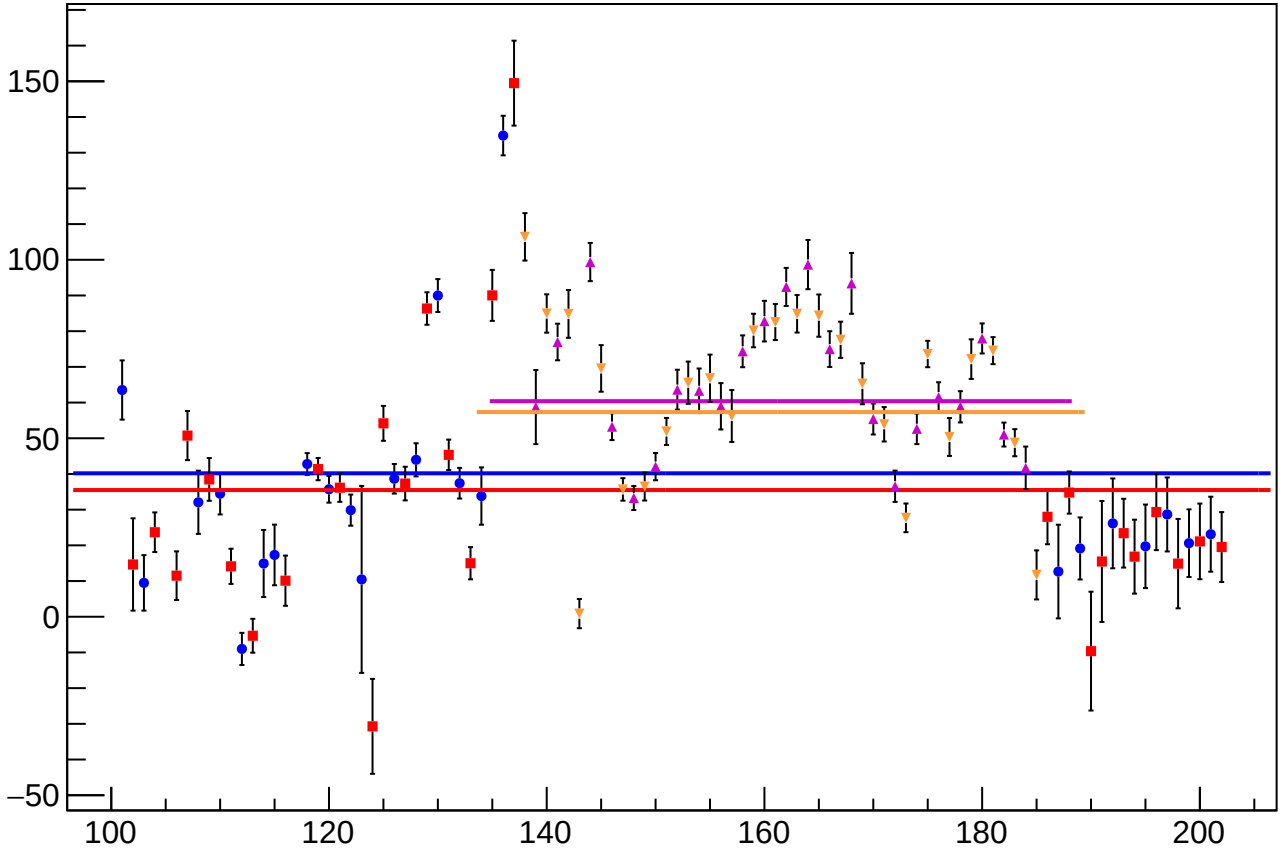
Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

+ sign 190.487+/-0.888 χ^2/NDF: 8527.8/48

All: 196.418+/-0.603 χ^2/NDF: 18860.5/99

- sign 201.500+/-0.822 χ^2/NDF: 10249.9/50

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 40.184+/-1.198 χ^2/NDF: 600.4/23

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 35.497+/-1.147 χ^2/NDF: 496.8/27

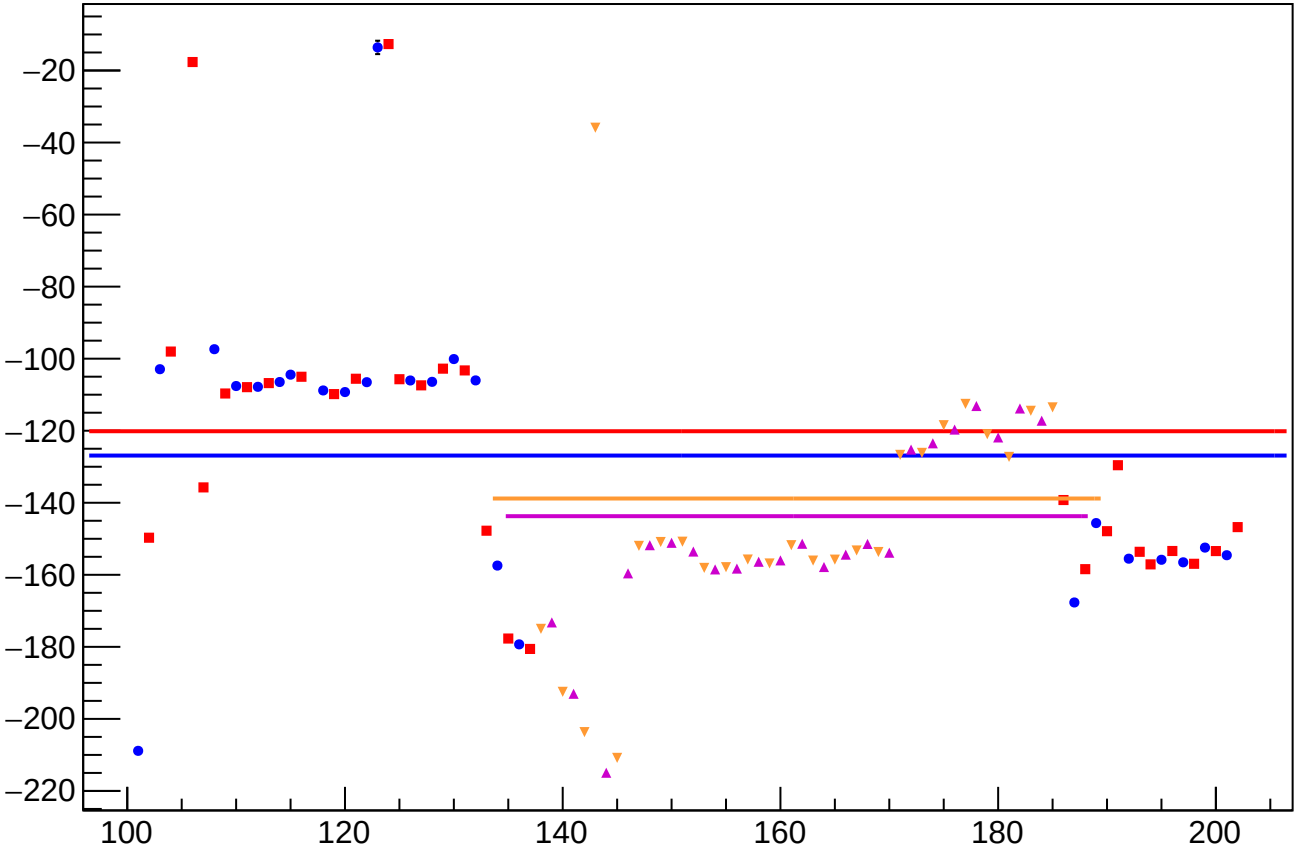
Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

+ sign 50.666+/-0.747 χ^2/NDF: 1367.1/48

All: 50.233+/-0.529 χ^2/NDF: 2476.5/99

- sign 49.798+/-0.748 χ^2/NDF: 1108.7/50

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -126.897+/-0.067 χ^2/NDF: 199032.9/23

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -120.143+/-0.060 χ^2/NDF: 448657.9/27

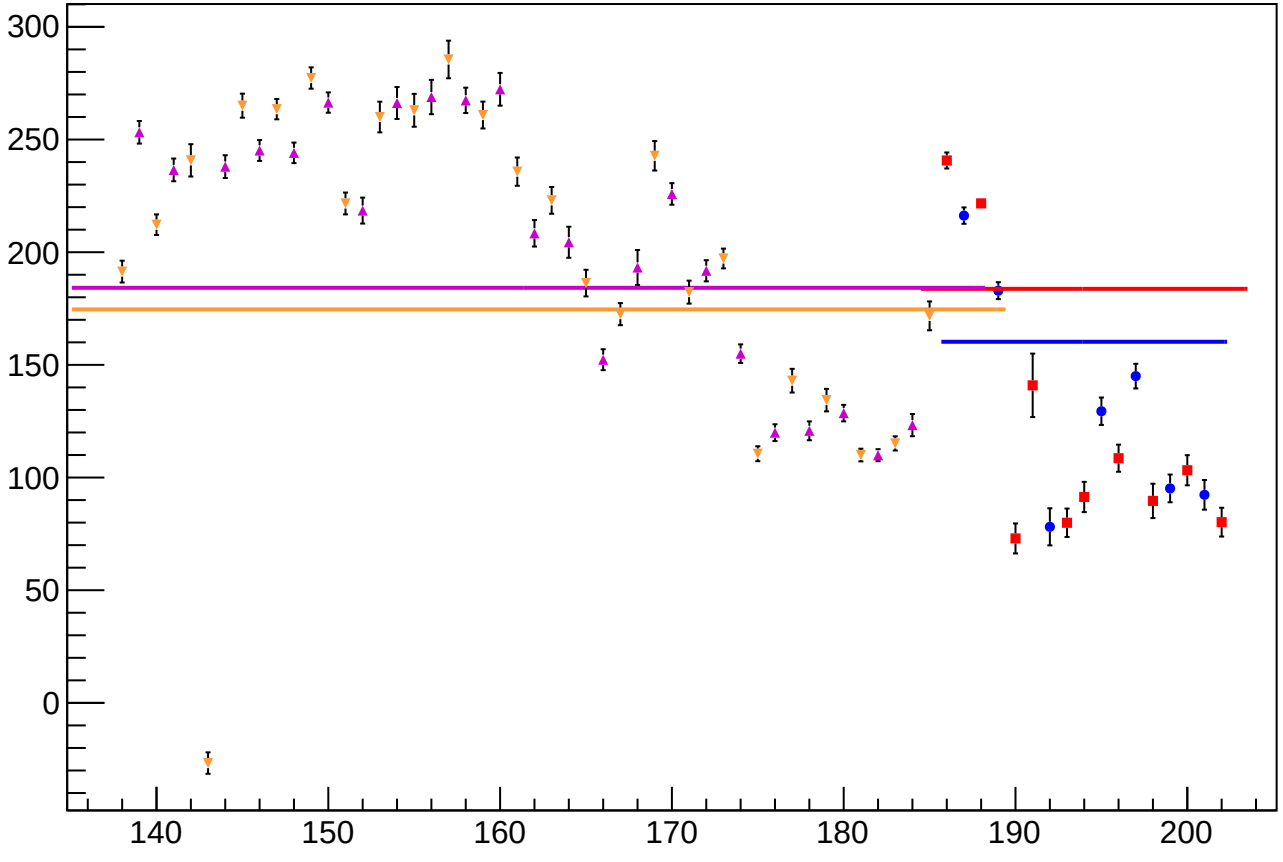
Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

+ sign -135.093+/-0.038 χ^2/NDF: 746227.4/48

All: -135.088+/-0.026 χ^2/NDF: 1552605.6/99

- sign -135.082+/-0.037 χ^2/NDF: 806378.2/50

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 160.255+/-1.920 χ^2/NDF: 625.6/6

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 183.748+/-1.369 χ^2/NDF: 2132.8/9

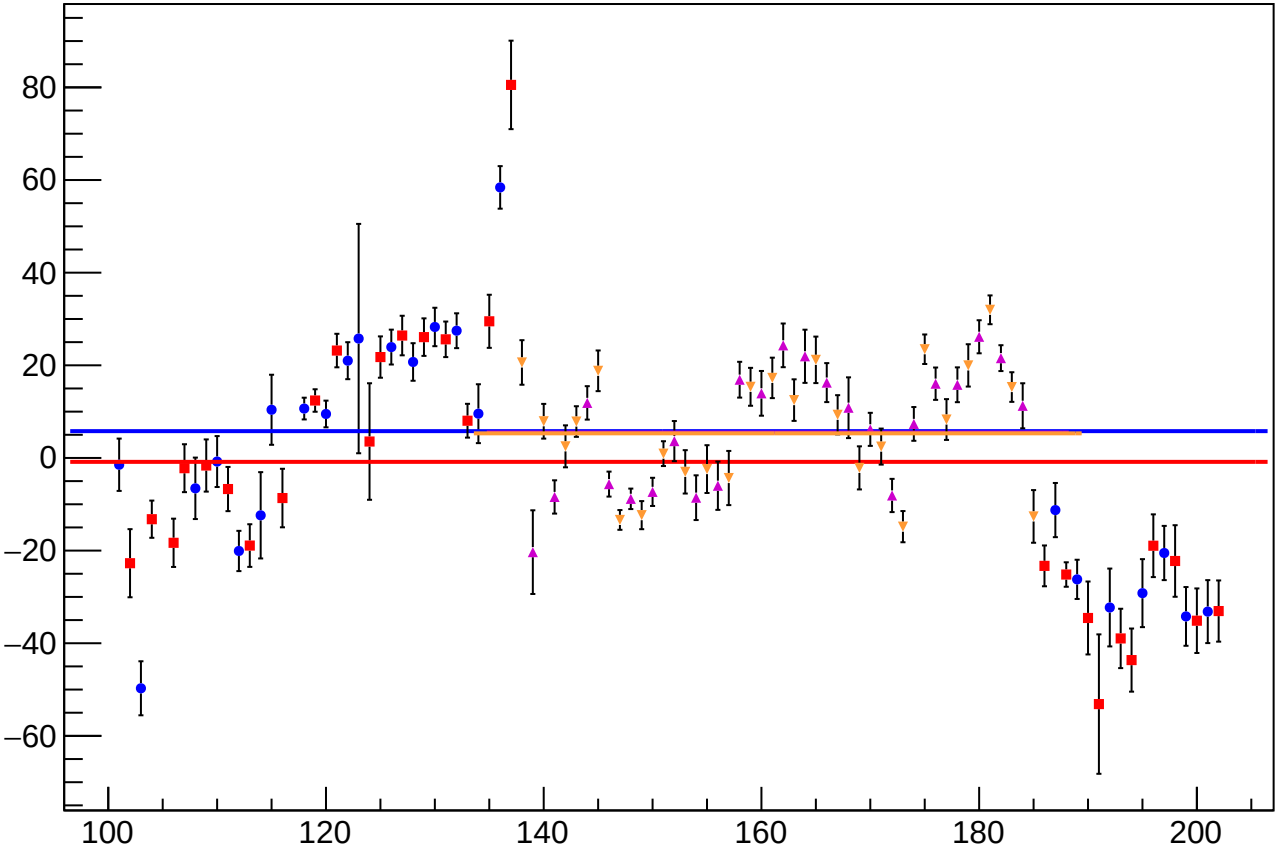
Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

+ sign 171.699+/-0.865 χ^2/NDF: 6221.4/31

All: 178.352+/-0.588 χ^2/NDF: 12101.2/64

- sign 184.049+/-0.801 χ^2/NDF: 5770.0/32

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 5.789+/-0.957 χ^2/NDF: 590.6/23

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: -0.843+/-0.895 χ^2/NDF: 665.8/27

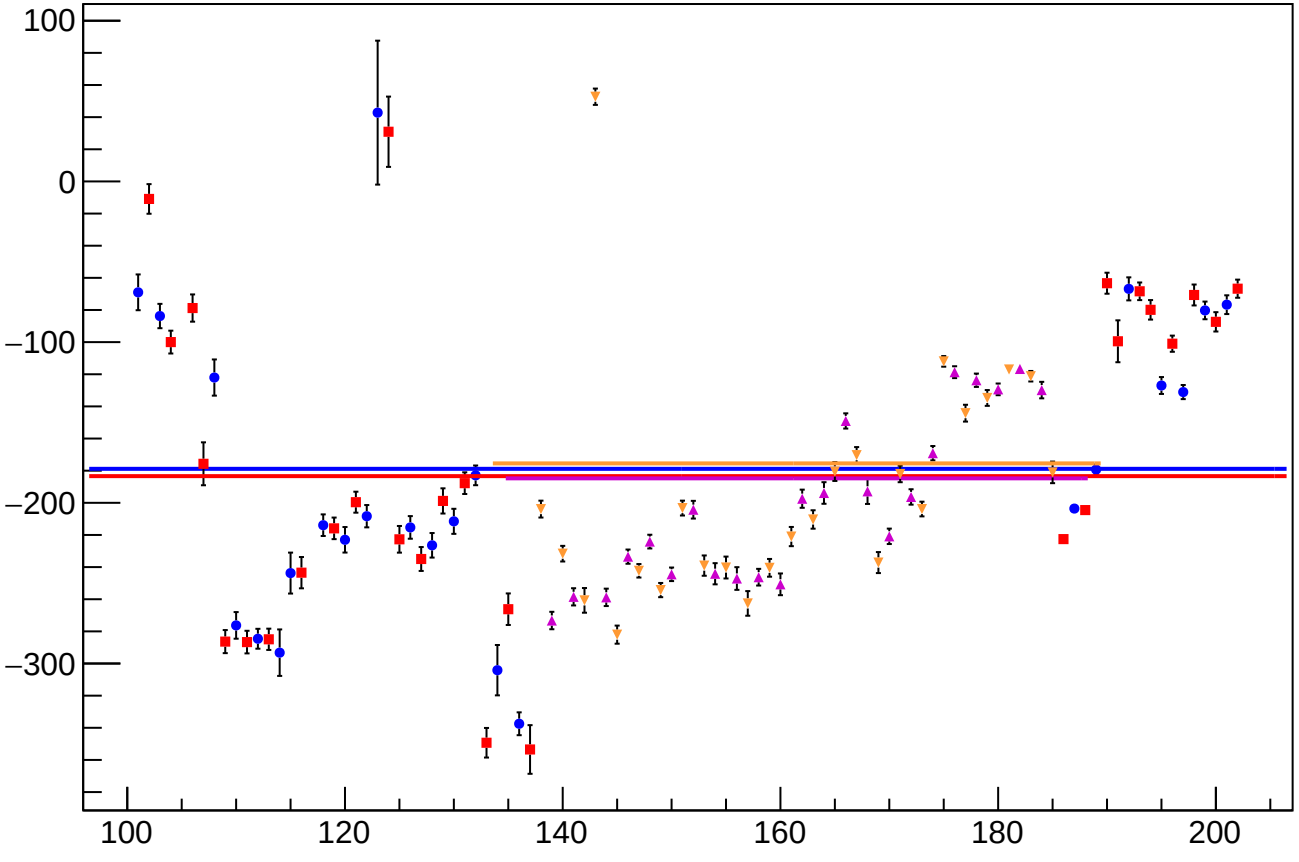
Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

+ sign 5.495+/-0.591 χ^2/NDF: 935.9/48

All: 4.118+/-0.417 χ^2/NDF: 1899.9/99

- sign 2.756+/-0.588 χ^2/NDF: 953.3/50

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -178.846+/-1.259 χ^2/NDF: 2701.6/23

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -183.394+/-0.976 χ^2/NDF: 4805.4/27

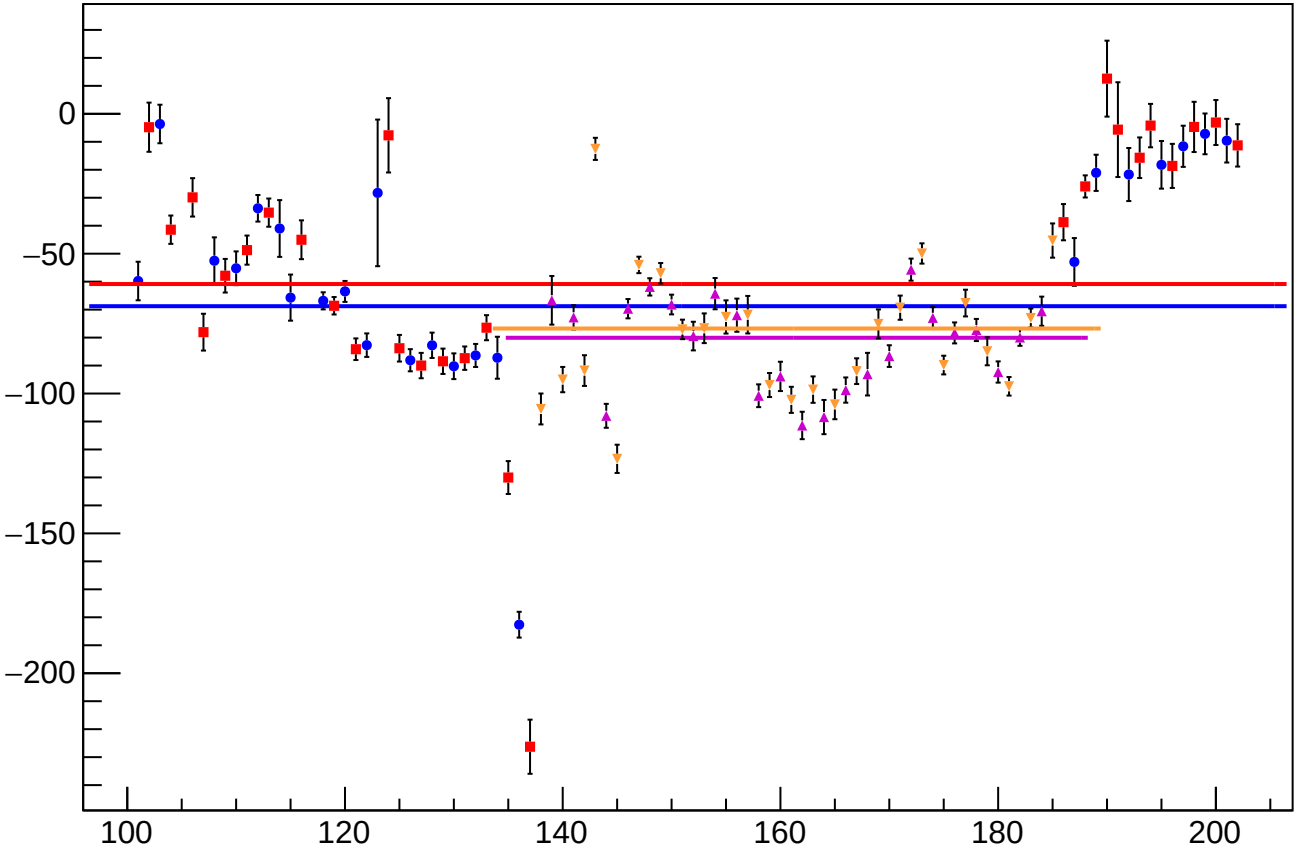
Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

+ sign -176.734+/-0.770 χ^2/NDF: 7809.8/48

All: -180.787+/-0.516 χ^2/NDF: 15748.8/99

- sign -184.076+/-0.694 χ^2/NDF: 7888.8/50

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -68.775+/-1.126 χ^2/NDF: 1173.4/23

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -60.851+/-1.067 χ^2/NDF: 1146.1/27

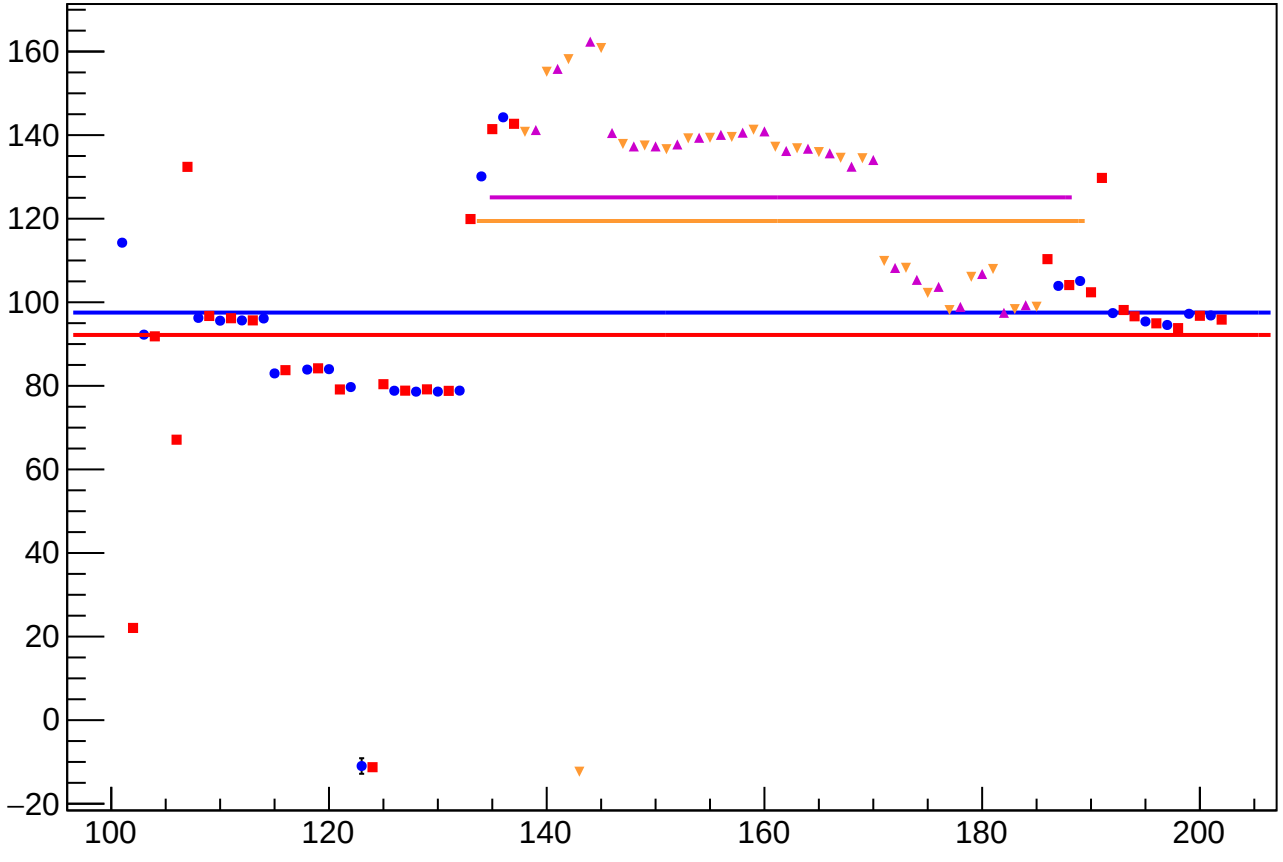
Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

+ sign -73.807+/-0.684 χ^2/NDF: 1951.8/48

All: -73.014+/-0.483 χ^2/NDF: 3579.3/99

- sign -72.226+/-0.682 χ^2/NDF: 1624.8/50

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.532+/-0.059 χ^2/NDF: 95539.6/23

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 92.179+/-0.053 χ^2/NDF: 240822.7/27

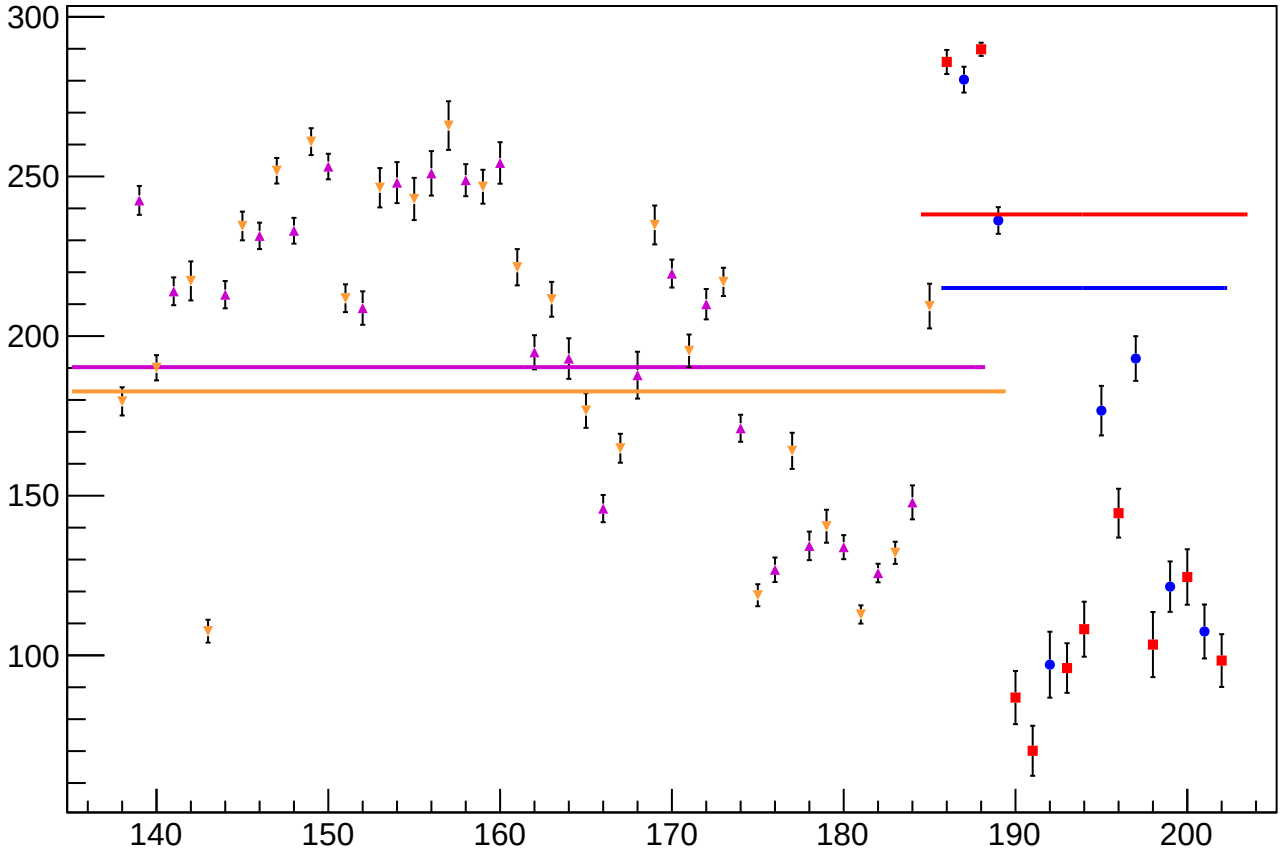
Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

+ sign 112.395+/-0.033 χ^2/NDF: 849260.9/48

All: 112.502+/-0.023 χ^2/NDF: 1556509.1/99

- sign 112.603+/-0.032 χ^2/NDF: 707228.4/50

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 215.060+/-2.265 χ^2/NDF: 753.0/6

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 238.111+/-1.544 χ^2/NDF: 2918.6/9

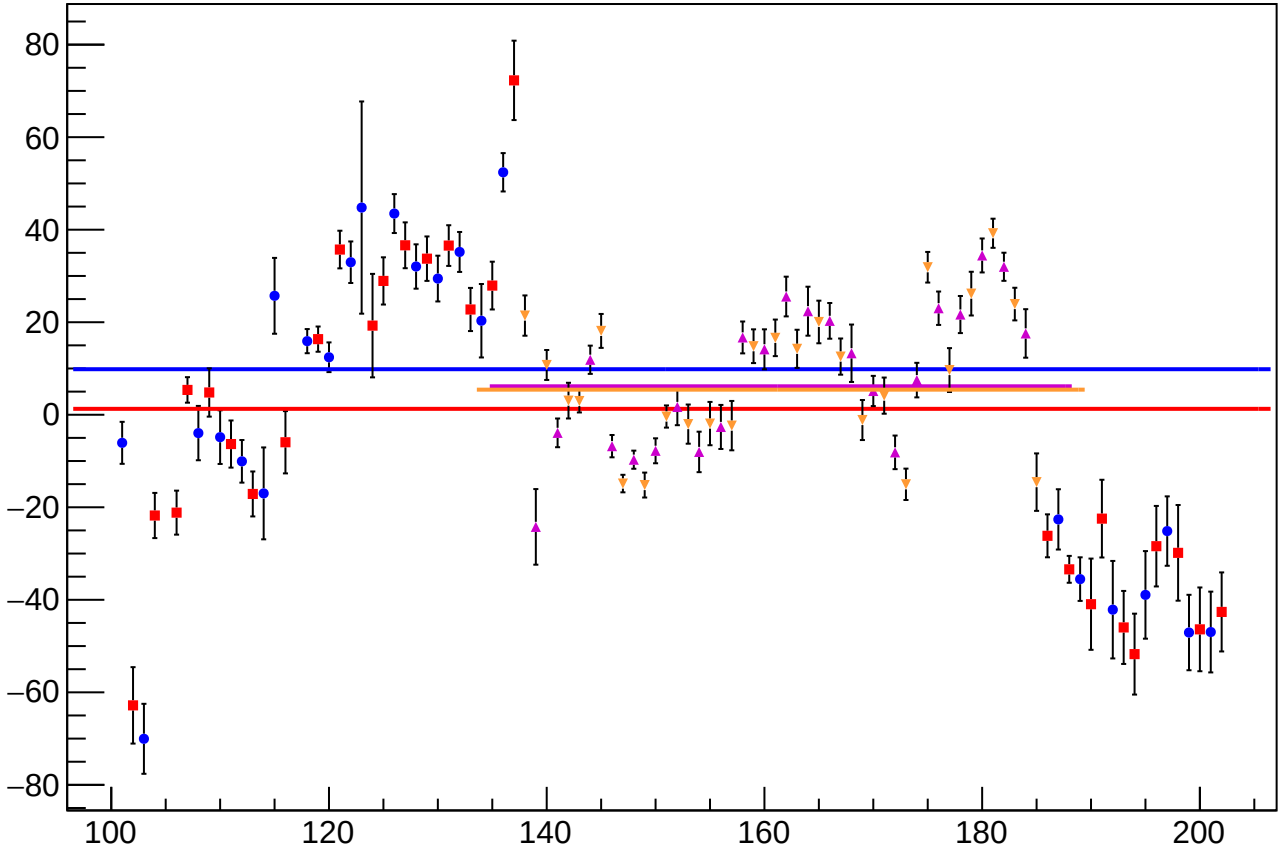
Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

+ sign 187.245+/-0.851 χ^2/NDF: 4159.2/31

All: 195.736+/-0.586 χ^2/NDF: 10416.7/64

- sign 203.396+/-0.808 χ^2/NDF: 6068.2/32

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 9.843+/-1.057 χ^2/NDF: 724.4/23

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 1.277+/-0.948 χ^2/NDF: 887.9/27

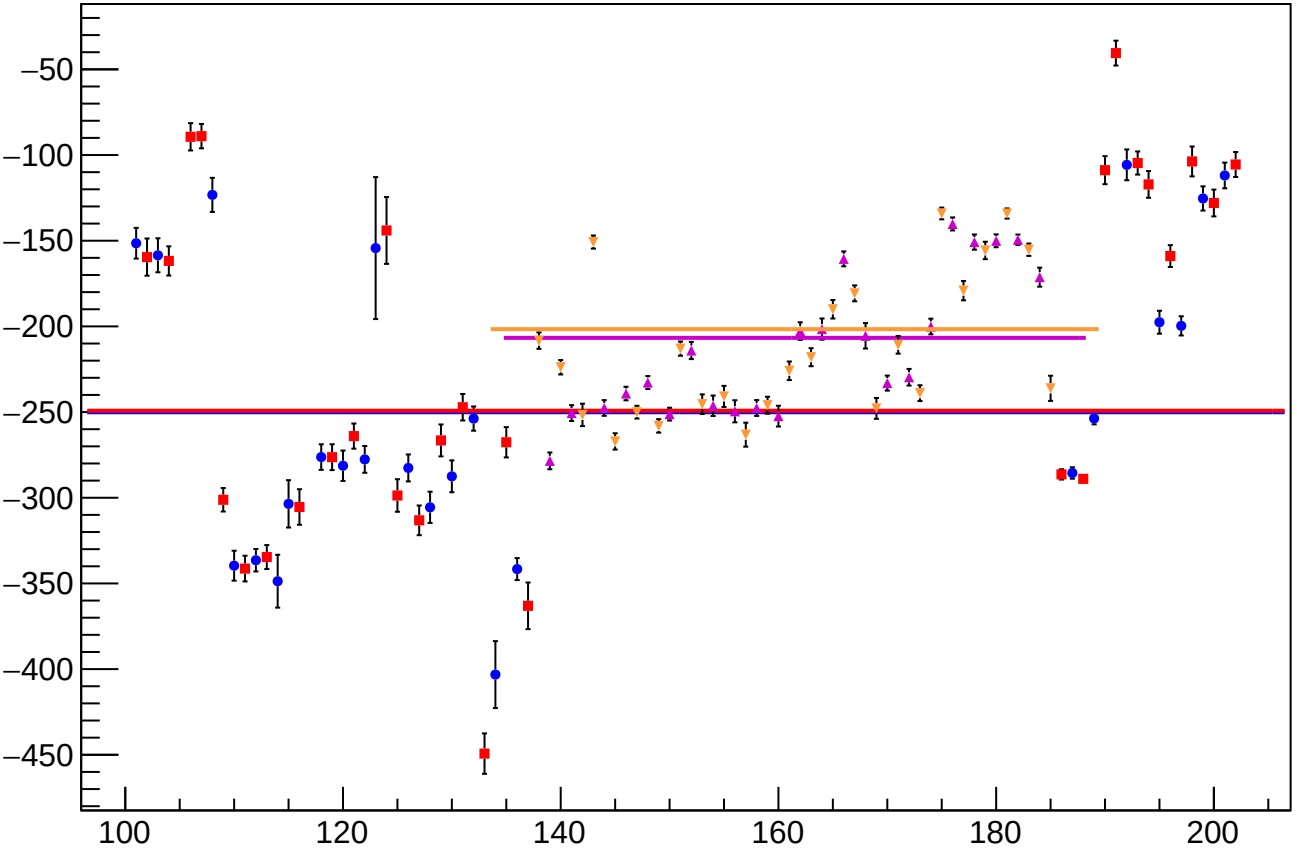
Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

+ sign 6.753+/-0.579 χ^2/NDF: 1261.8/48

All: 5.543+/-0.409 χ^2/NDF: 2585.5/99

- sign 4.336+/-0.578 χ^2/NDF: 1315.0/50

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -250.105+/-1.428 χ^2/NDF: 2247.4/23

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -249.213+/-1.077 χ^2/NDF: 5663.0/27

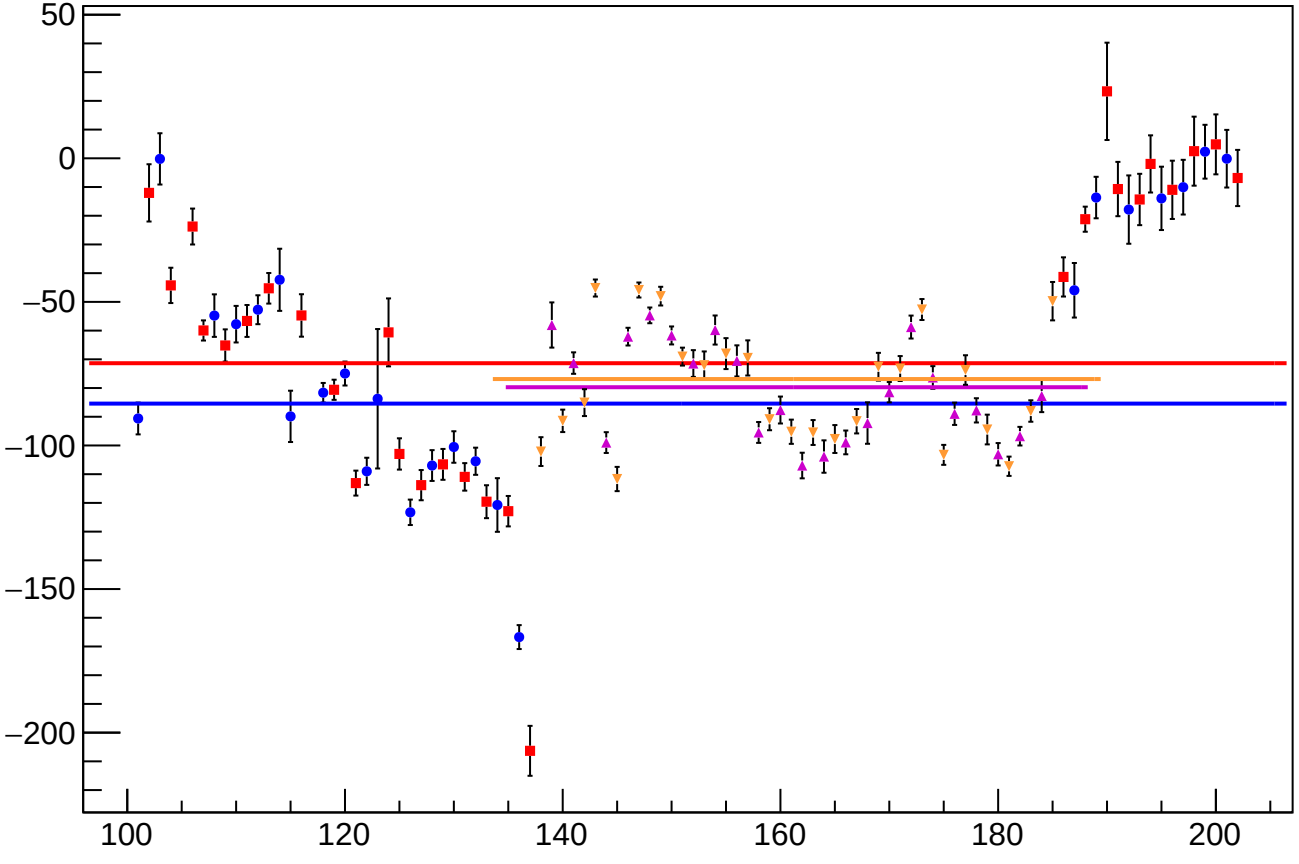
Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

+ sign -215.886+/-0.775 χ^2/NDF: 5523.5/48

All: -220.951+/-0.524 χ^2/NDF: 14279.4/99

- sign -225.214+/-0.711 χ^2/NDF: 8677.2/50

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -85.422+/-1.241 χ^2/NDF: 1141.5/23

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -71.356+/-1.134 χ^2/NDF: 1359.9/27

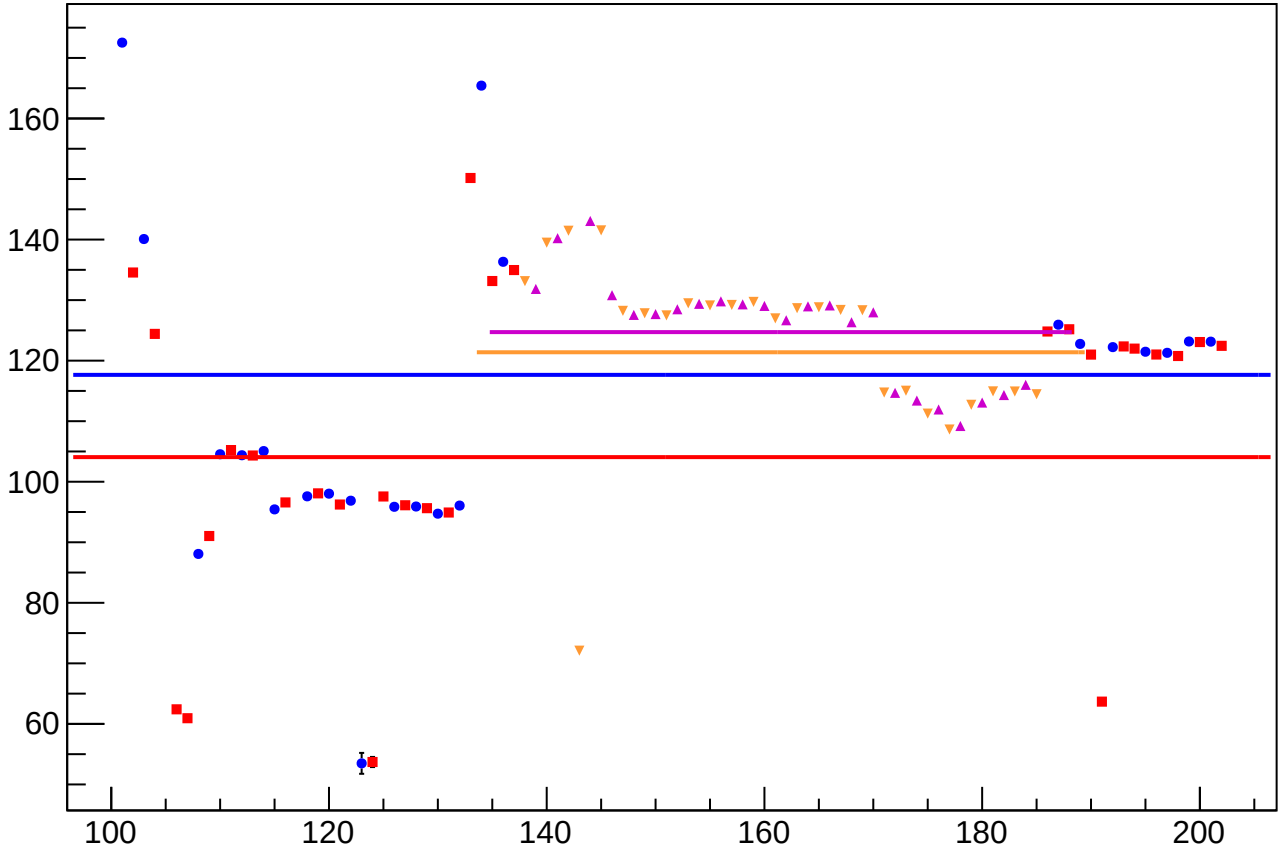
Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

+ sign -79.389+/-0.673 χ^2/NDF: 1933.7/48

All: -78.079+/-0.476 χ^2/NDF: 3751.5/99

- sign -76.768+/-0.674 χ^2/NDF: 1810.2/50

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 117.653+/-0.066 χ^2/NDF: 108659.4/23

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 104.065+/-0.056 χ^2/NDF: 233101.3/27

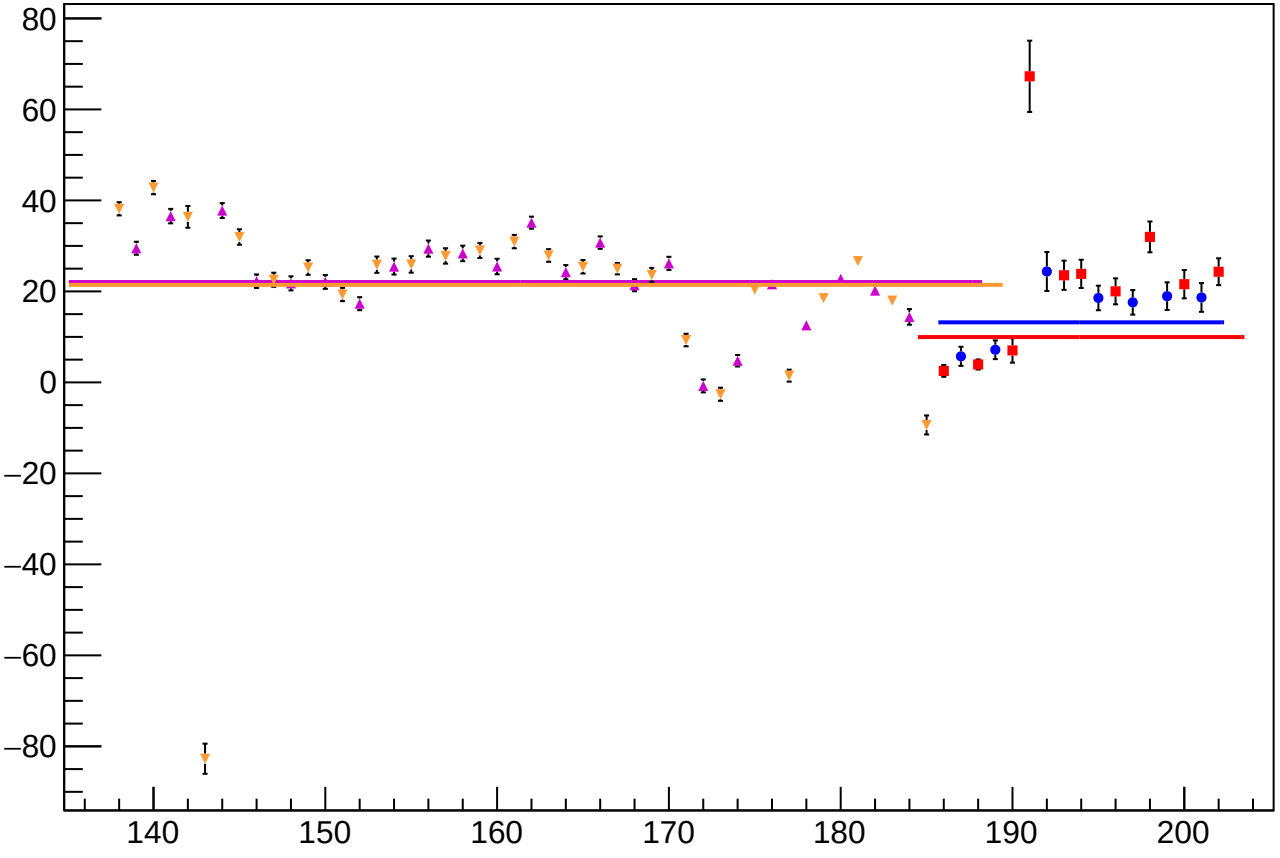
Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

+ sign 120.451+/-0.033 χ^2/NDF: 275911.6/48

All: 119.158+/-0.023 χ^2/NDF: 655211.7/99

- sign 117.947+/-0.032 χ^2/NDF: 376347.7/50

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 13.199+/-1.000 χ^2/NDF: 41.2/6

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 9.959+/-0.676 χ^2/NDF: 247.2/9

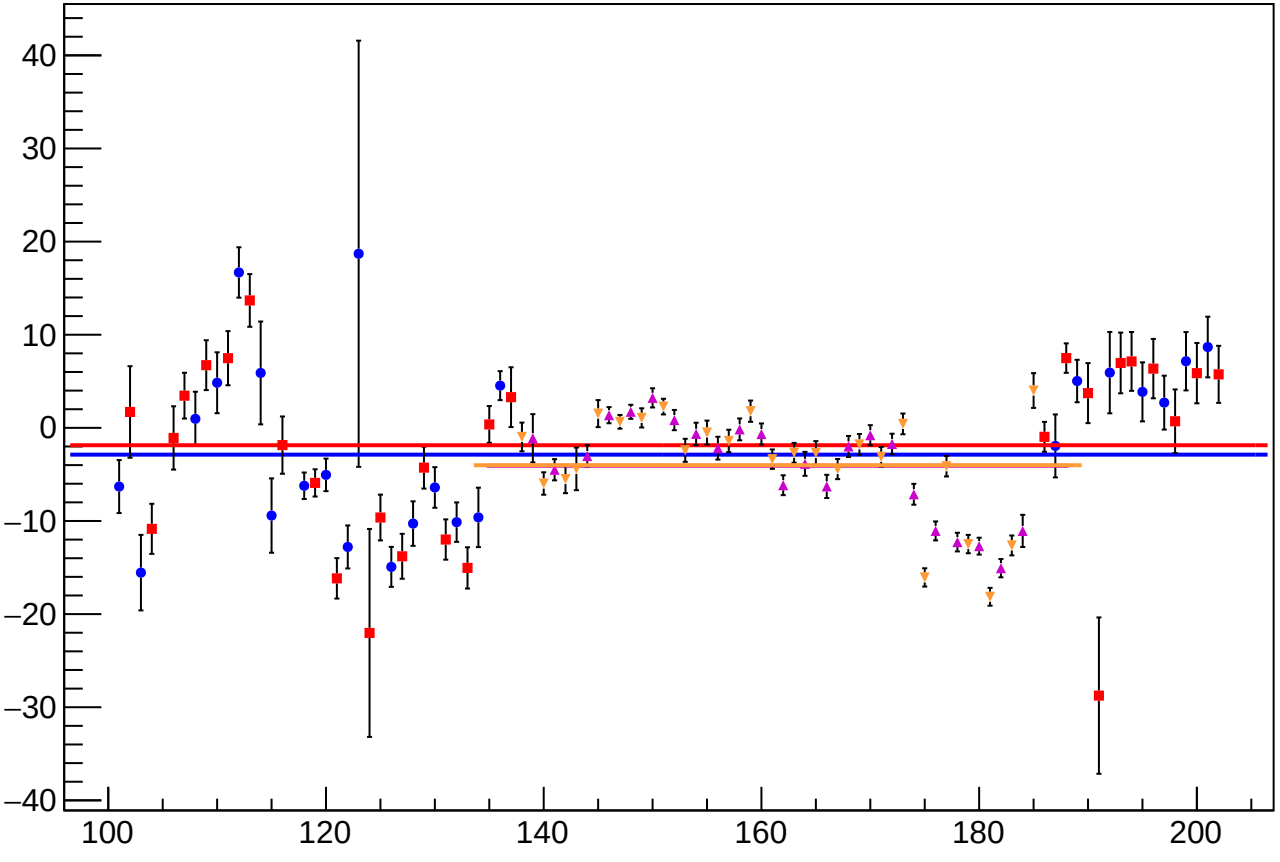
Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

+ sign 20.826+/-0.272 χ^2/NDF: 2510.3/31

All: 20.521+/-0.189 χ^2/NDF: 3973.1/64

- sign 20.239+/-0.262 χ^2/NDF: 1460.3/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -2.877+/-0.518 χ^2/NDF: 232.4/23

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -1.866+/-0.477 χ^2/NDF: 301.4/27

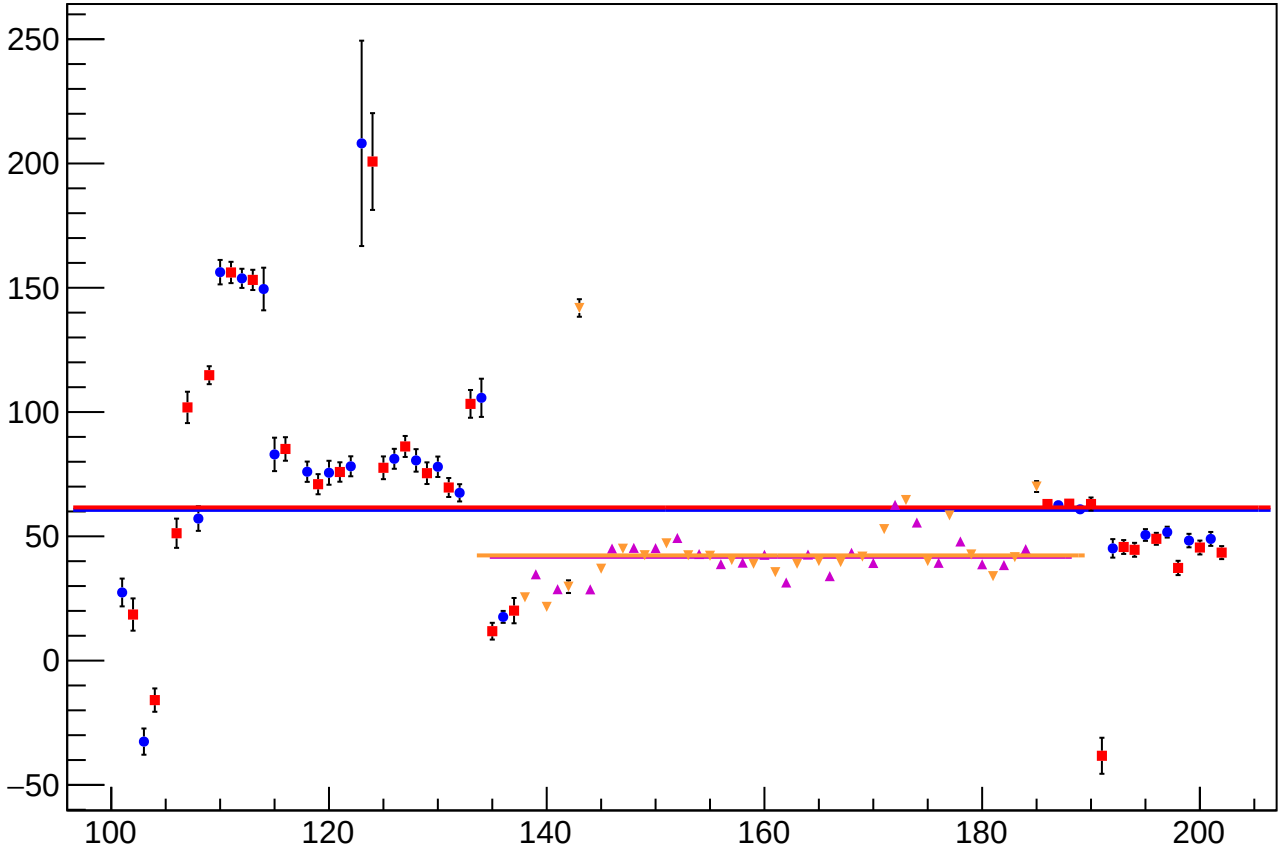
Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

+ sign -3.837+/-0.205 χ^2/NDF: 968.1/48

All: -3.749+/-0.145 χ^2/NDF: 1867.3/99

- sign -3.661+/-0.205 χ^2/NDF: 898.8/50

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 60.640+/-0.668 χ^2/NDF: 2000.4/23

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 61.629+/-0.499 χ^2/NDF: 2508.7/27

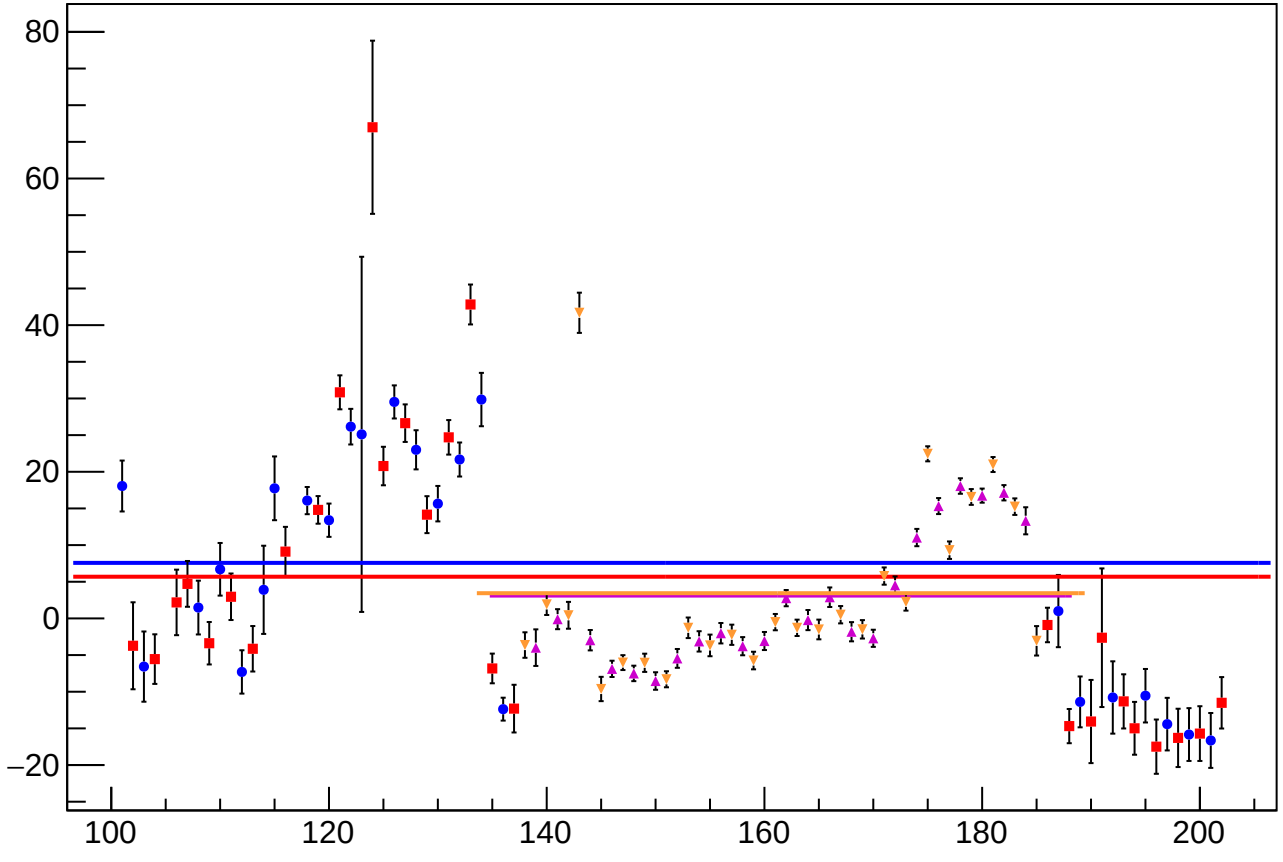
Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

+ sign 45.092+/-0.260 χ^2/NDF: 4493.7/48

All: 45.886+/-0.179 χ^2/NDF: 8881.5/99

- sign 46.599+/-0.246 χ^2/NDF: 4370.1/50

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 7.575+/-0.600 χ^2/NDF: 707.0/23

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 5.687+/-0.567 χ^2/NDF: 912.8/27

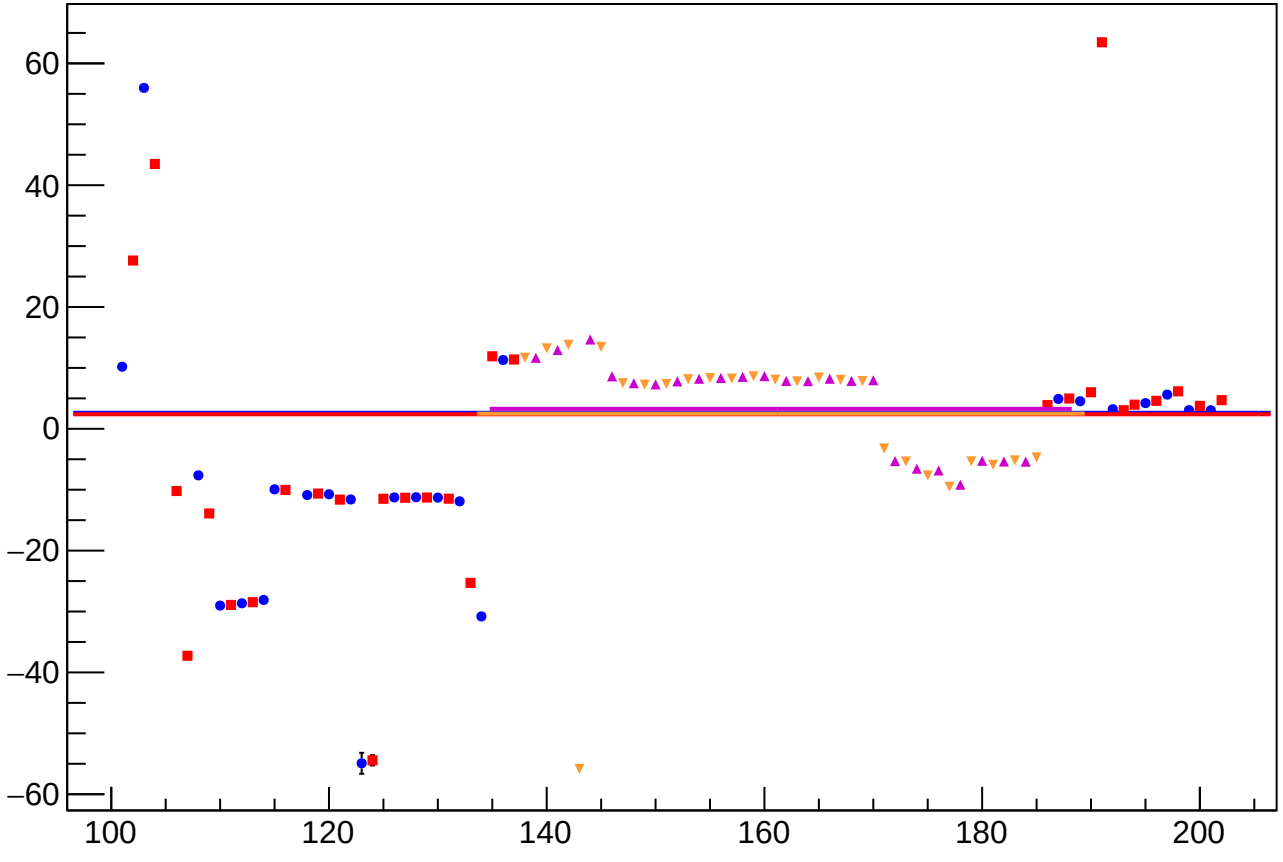
Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

+ sign 4.061+/-0.233 χ^2/NDF: 2394.9/48

All: 3.807+/-0.165 χ^2/NDF: 4600.3/99

- sign 3.551+/-0.234 χ^2/NDF: 2203.0/50

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 2.631+/-0.029 χ^2/NDF: 360980.0/23

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

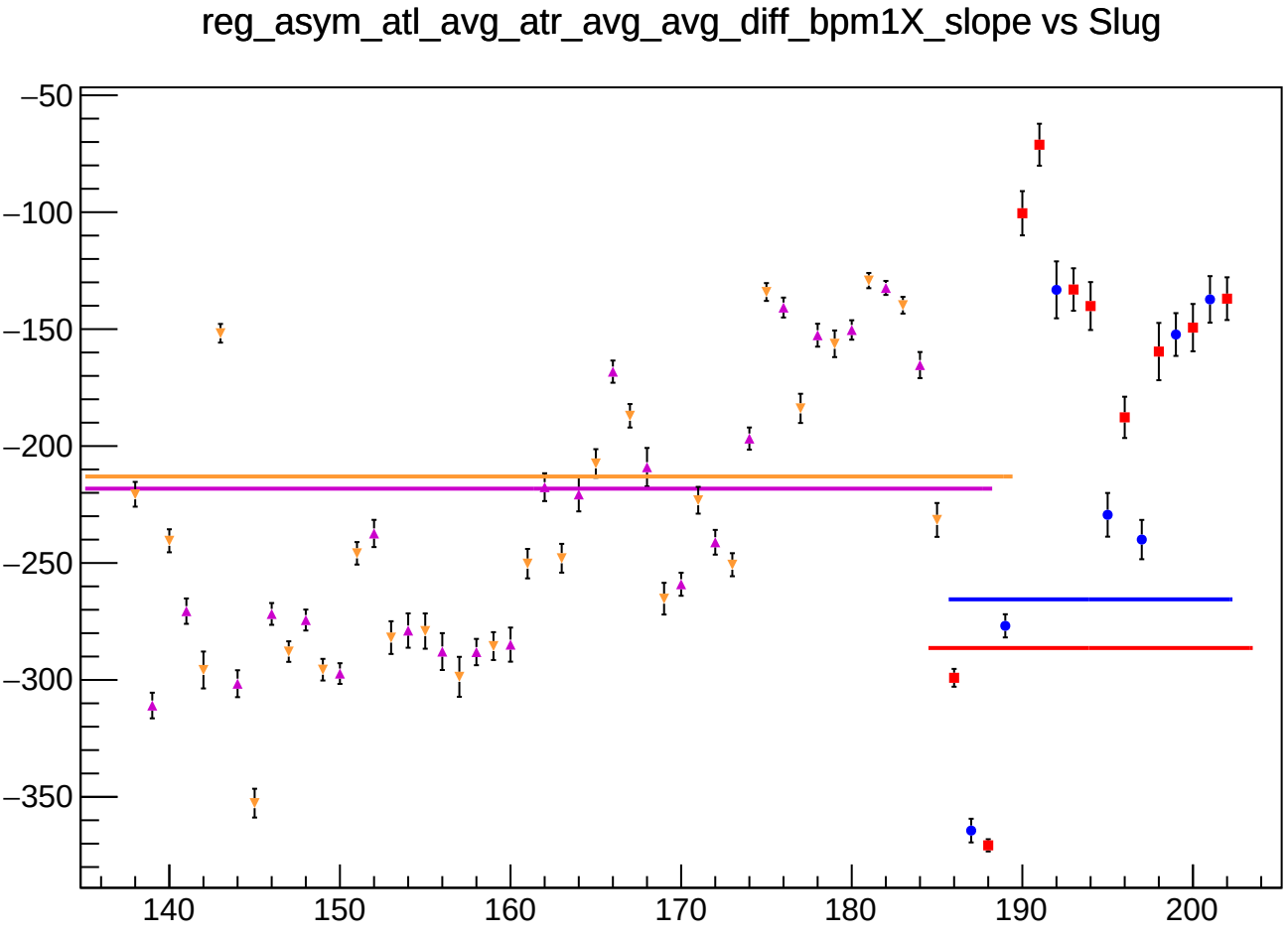
Right Out: 2.380+/-0.027 χ^2/NDF: 425962.6/27

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

+ sign 2.515+/-0.011 χ^2/NDF: 949136.9/48

All: 2.830+/-0.008 χ^2/NDF: 1787354.9/99

- sign 3.139+/-0.011 χ^2/NDF: 836517.0/50



Right In: -265.542+/-2.730 χ^2/NDF: 848.9/6

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -286.346+/-1.820 χ^2/NDF: 3187.5/9

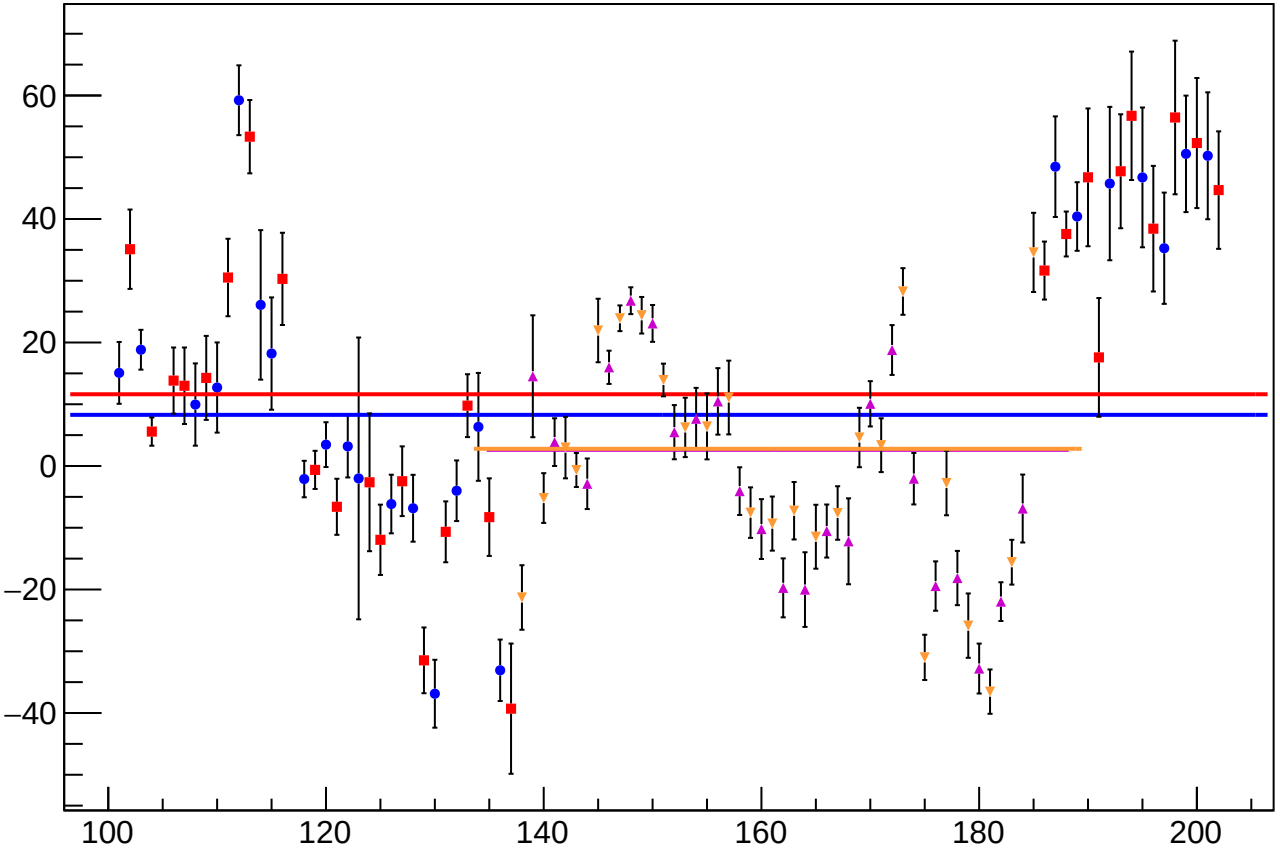
Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

+ sign -219.627+/-0.968 χ^2/NDF: 4998.8/31

All: -228.010+/-0.666 χ^2/NDF: 12872.7/64

- sign -235.544+/-0.918 χ^2/NDF: 7731.6/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 8.285+/-1.146 χ^2/NDF: 397.1/23

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 11.619+/-1.032 χ^2/NDF: 422.1/27

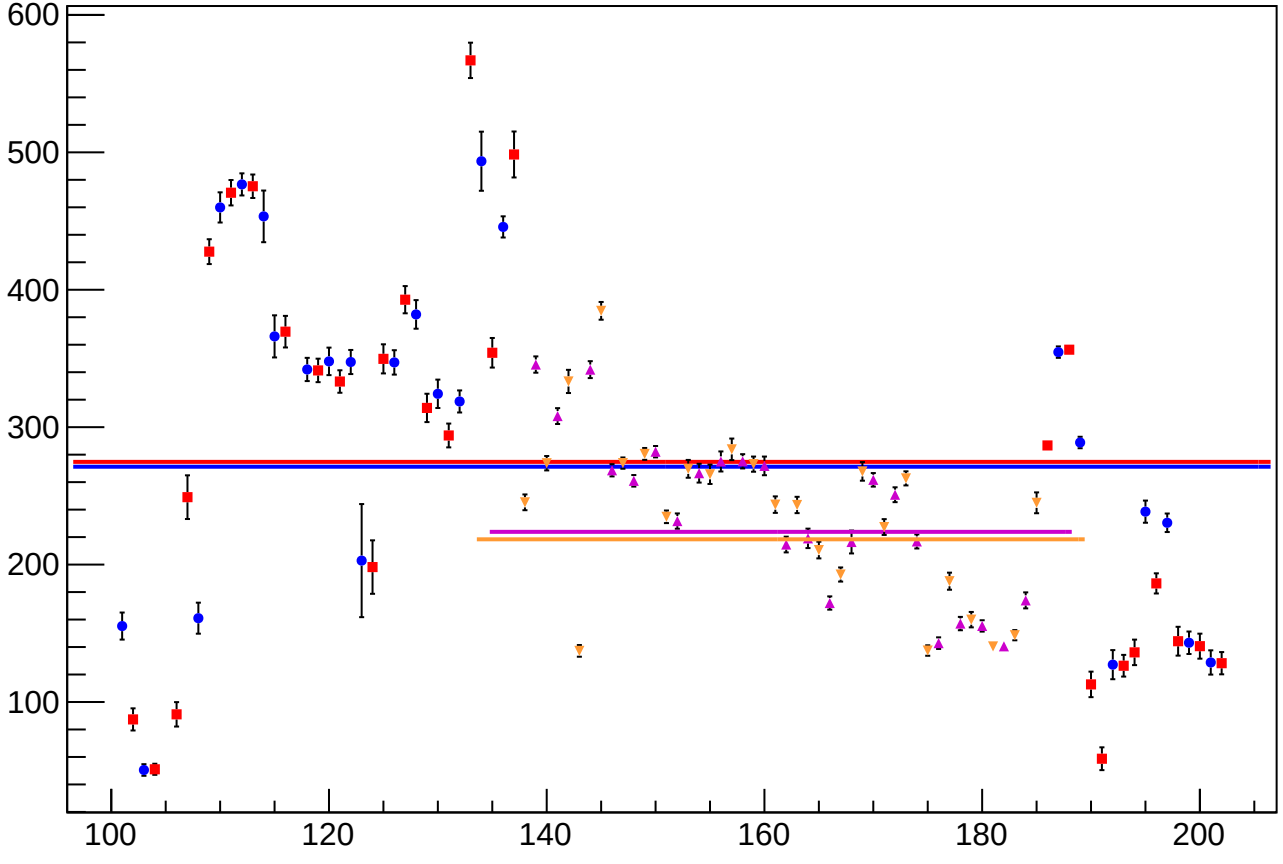
Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

+ sign 4.526+/-0.645 χ^2/NDF: 994.8/48

All: 5.319+/-0.455 χ^2/NDF: 1944.1/99

- sign 6.106+/-0.642 χ^2/NDF: 946.3/50

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 271.225+/-1.586 χ^2/NDF: 6277.6/23

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 274.753+/-1.218 χ^2/NDF: 10417.5/27

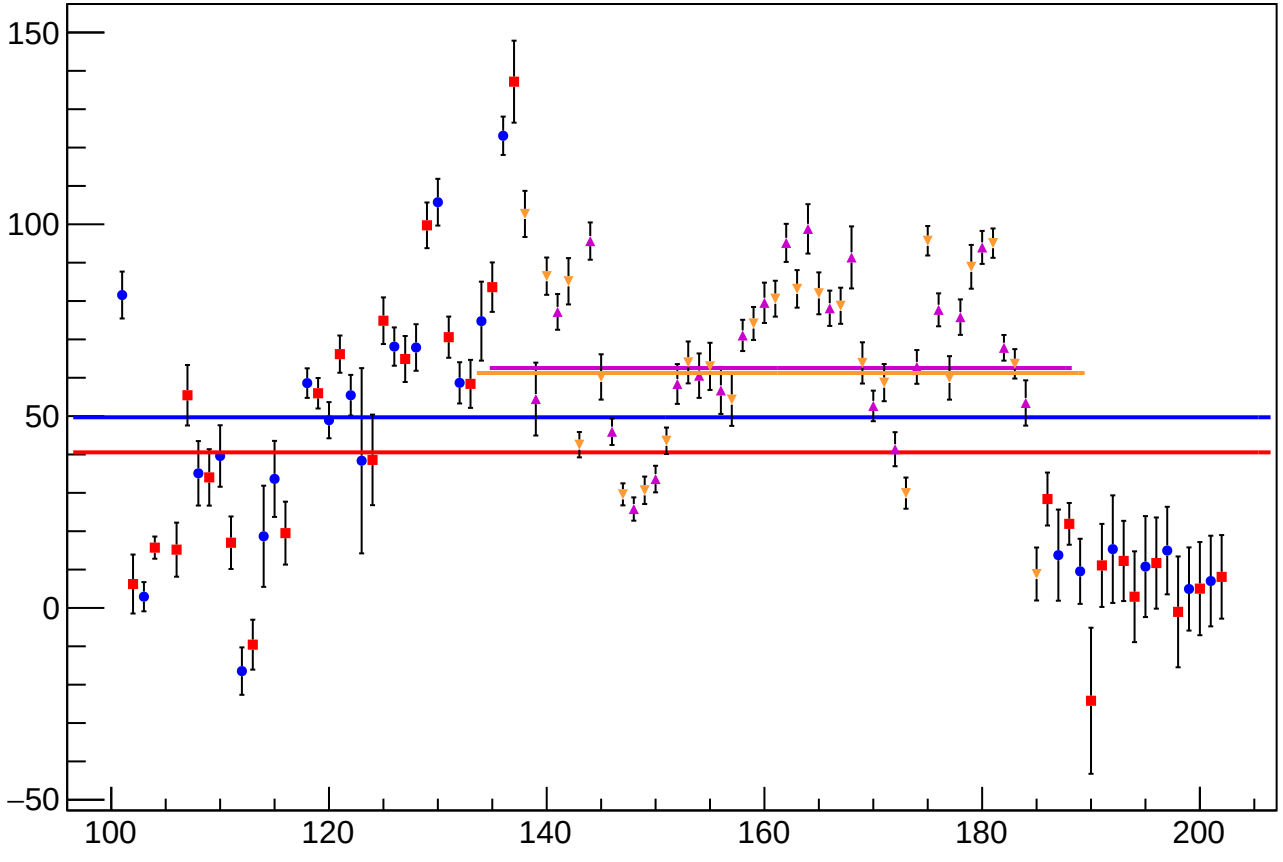
Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

+ sign 234.232+/-0.868 χ^2/NDF: 10751.6/48

All: 240.458+/-0.588 χ^2/NDF: 25704.4/99

- sign 245.731+/-0.799 χ^2/NDF: 14857.9/50

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 49.696+/-1.347 χ^2/NDF: 729.5/23

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 40.553+/-1.240 χ^2/NDF: 627.6/27

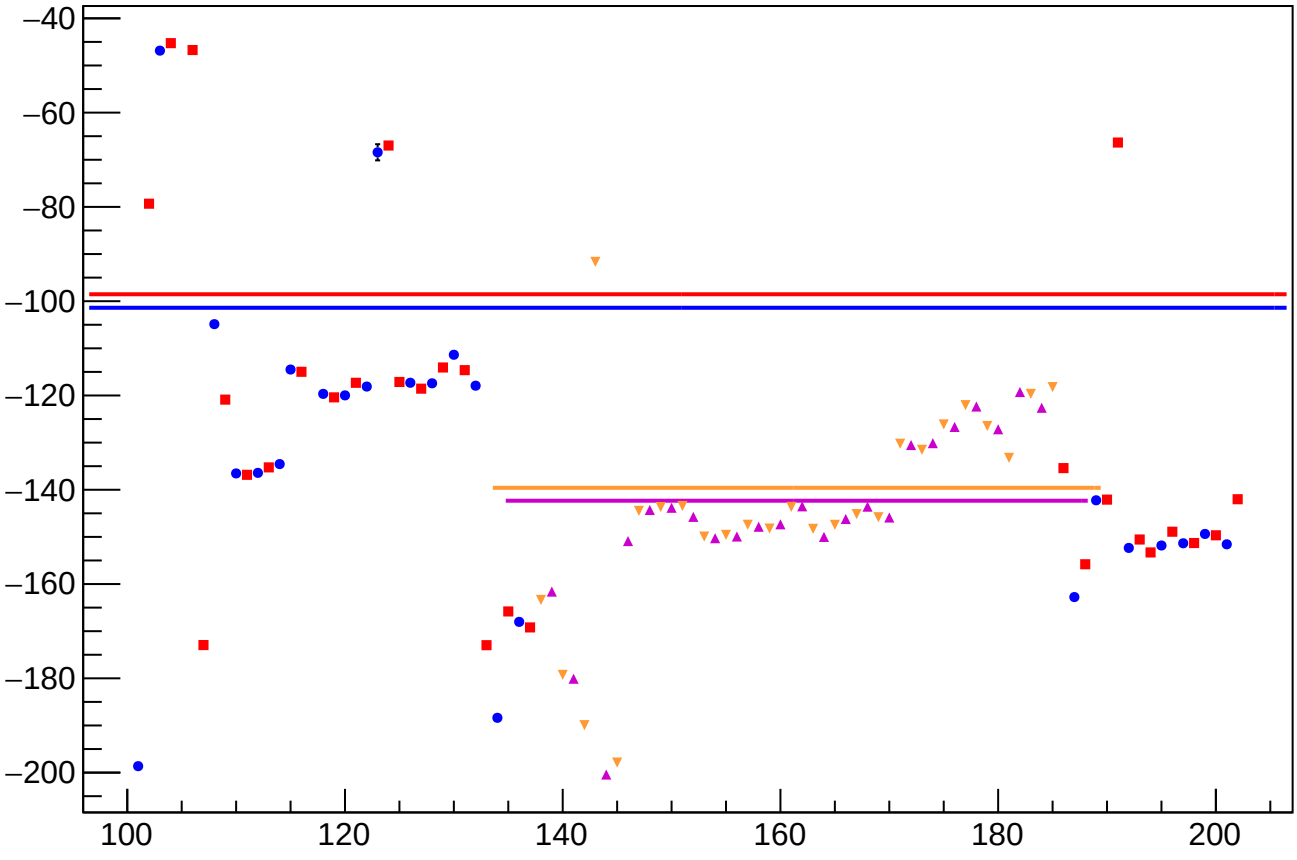
Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

+ sign 57.664+/-0.750 χ^2/NDF: 1499.0/48

All: 56.089+/-0.530 χ^2/NDF: 2854.8/99

- sign 54.516+/-0.749 χ^2/NDF: 1347.0/50

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -101.394+/-0.061 χ^2/NDF: 669523.9/23

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -98.531+/-0.056 χ^2/NDF: 714048.0/27

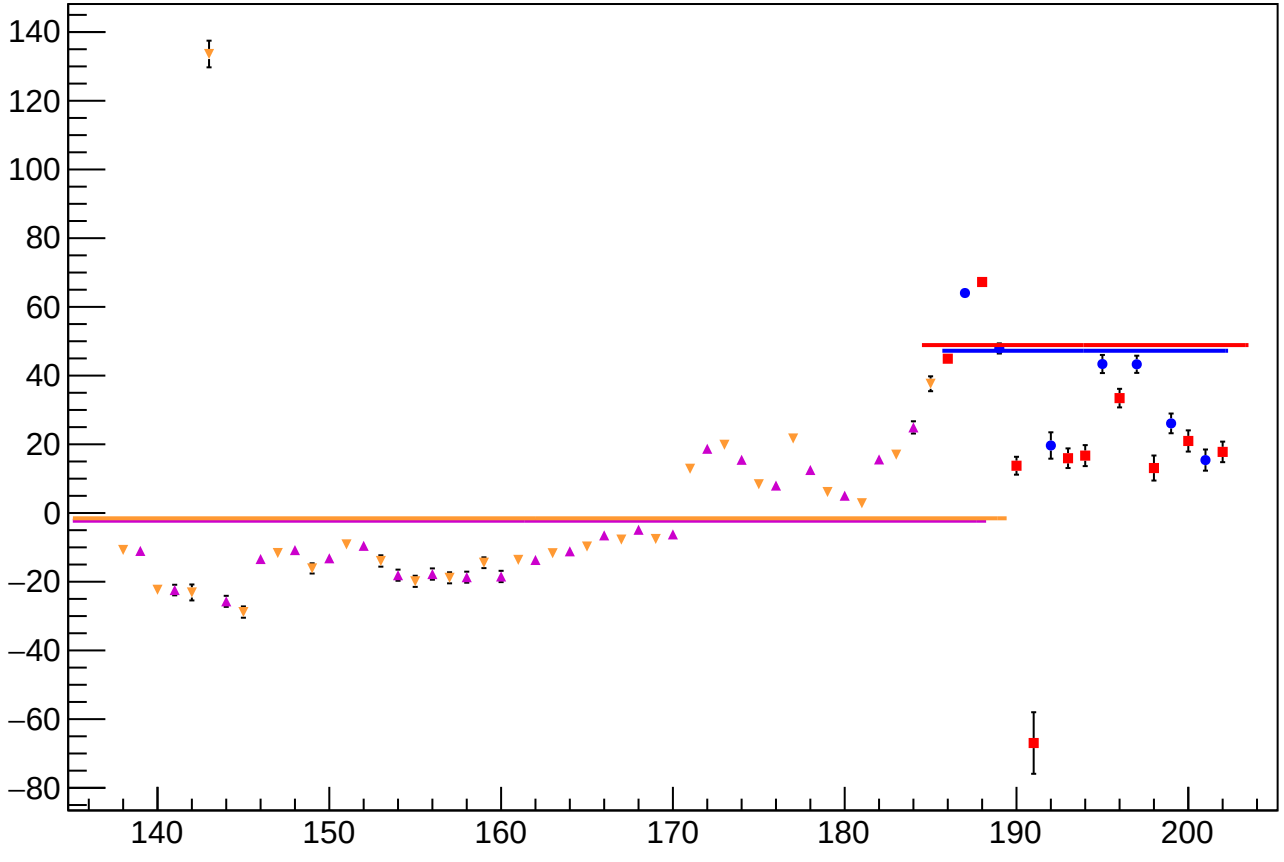
Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

+ sign -126.969+/-0.035 χ^2/NDF: 1172805.9/48

All: -126.356+/-0.025 χ^2/NDF: 2408304.5/99

- sign -125.765+/-0.035 χ^2/NDF: 1234906.1/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 47.230+/-0.797 χ^2/NDF: 362.9/6

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 48.882+/-0.511 χ^2/NDF: 1495.1/9

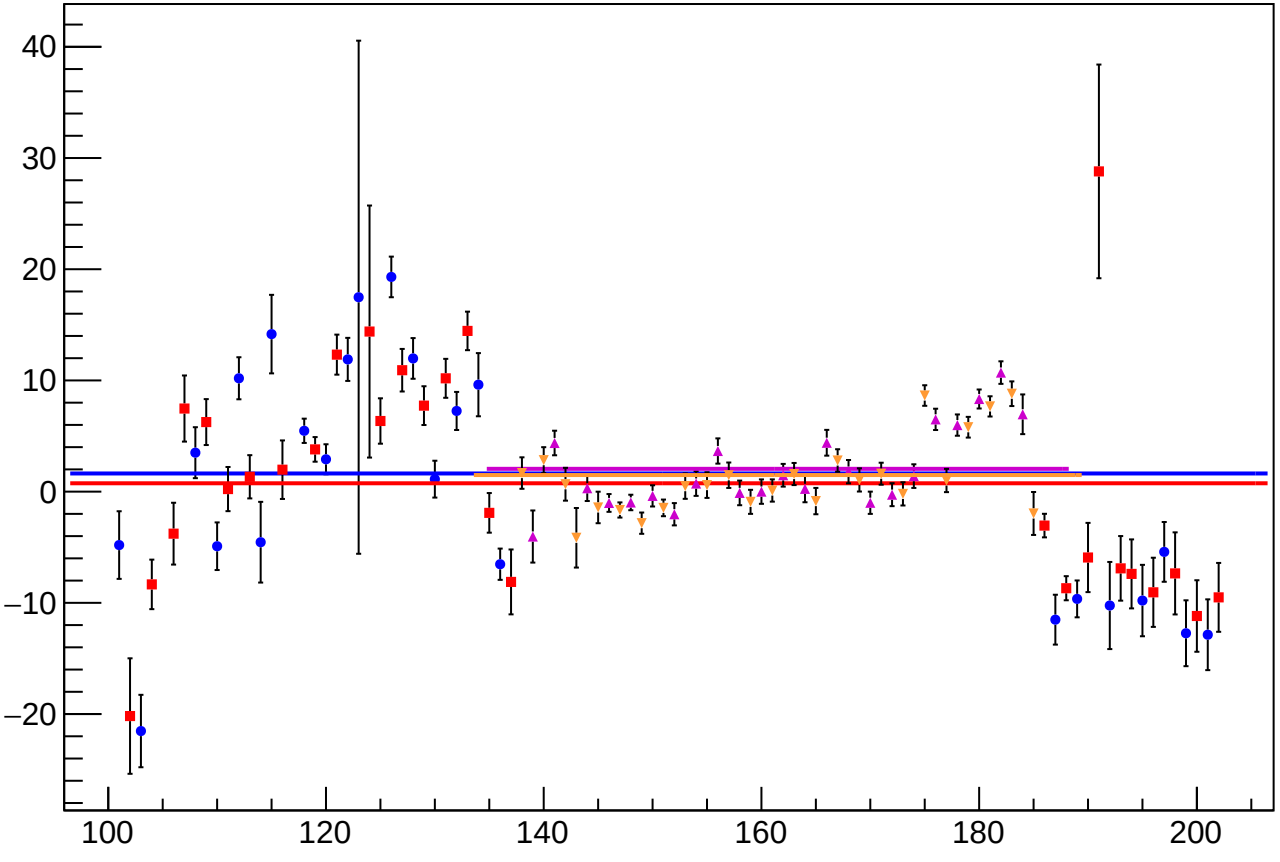
Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

+ sign 3.399+/-0.254 χ^2/NDF: 7853.2/31

All: 6.305+/-0.174 χ^2/NDF: 19977.5/64

- sign 8.869+/-0.238 χ^2/NDF: 11877.6/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 1.633+/-0.418 χ^2/NDF: 474.7/23

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 0.752+/-0.381 χ^2/NDF: 408.6/27

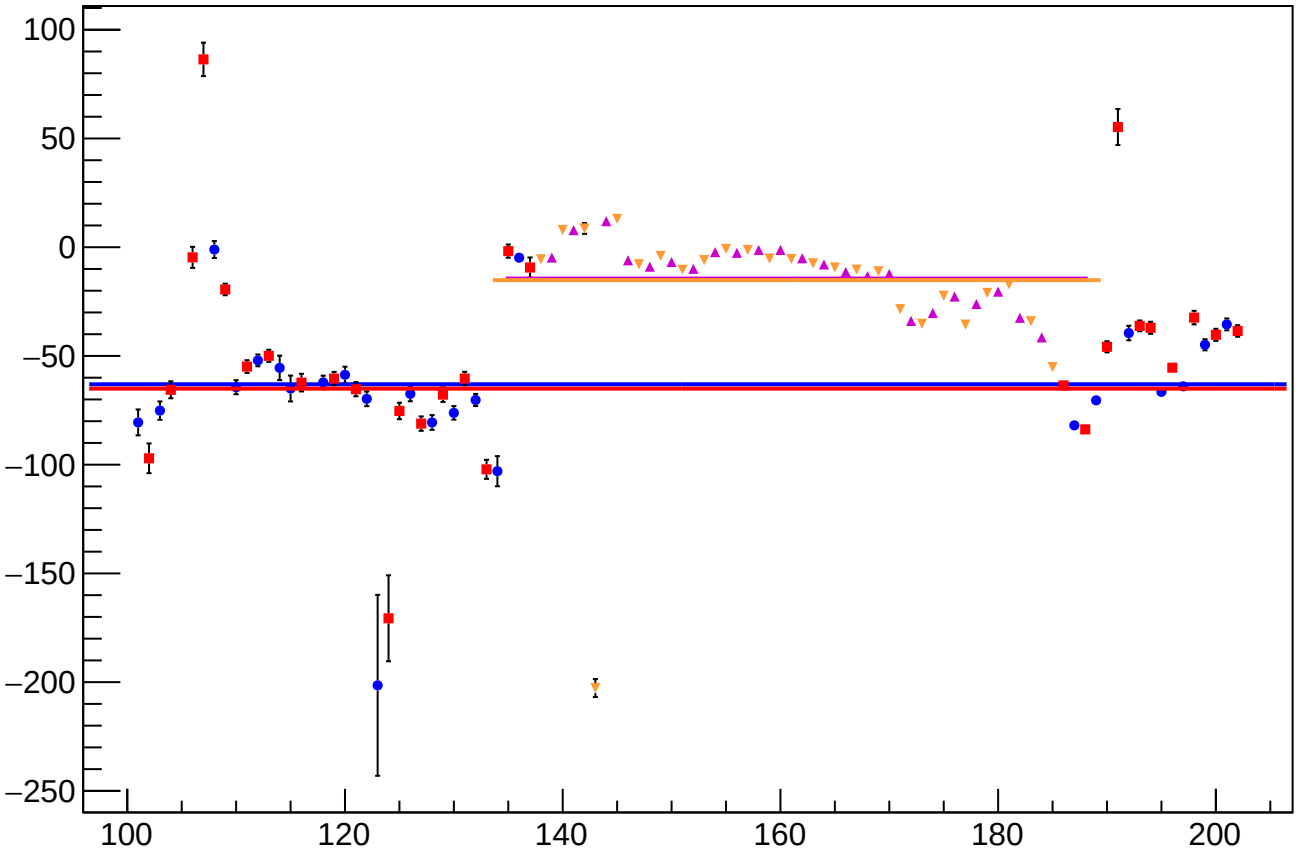
Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

+ sign 1.520+/-0.188 χ^2/NDF: 733.2/48

All: 1.630+/-0.133 χ^2/NDF: 1426.6/99

- sign 1.737+/-0.187 χ^2/NDF: 692.8/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -63.028+/-0.529 χ^2/NDF: 1625.7/23

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -65.031+/-0.376 χ^2/NDF: 3336.0/27

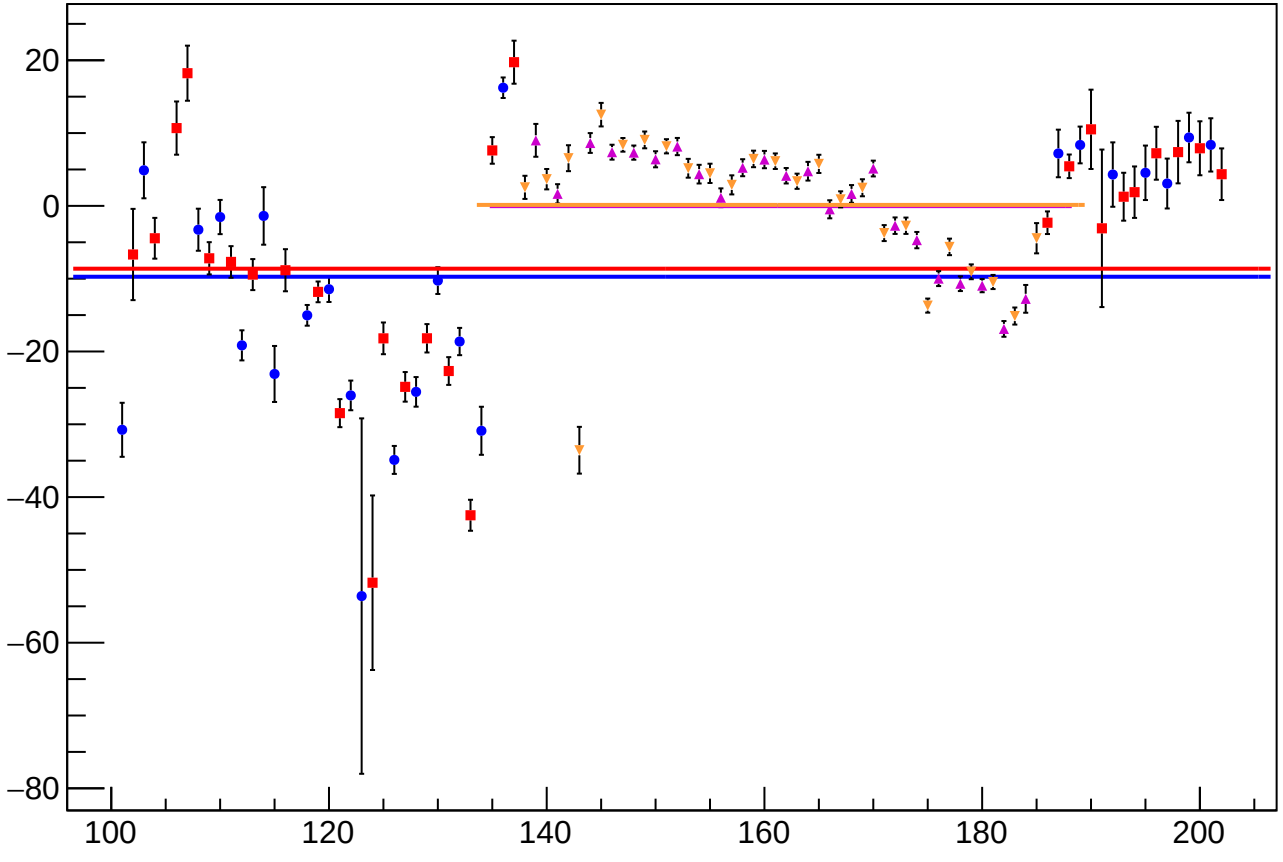
Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

+ sign -24.867+/-0.238 χ^2/NDF: 12618.7/48

All: -28.446+/-0.161 χ^2/NDF: 30436.9/99

- sign -31.452+/-0.218 χ^2/NDF: 17402.9/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -9.733+/-0.489 χ^2/NDF: 990.7/23

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -8.628+/-0.459 χ^2/NDF: 979.8/27

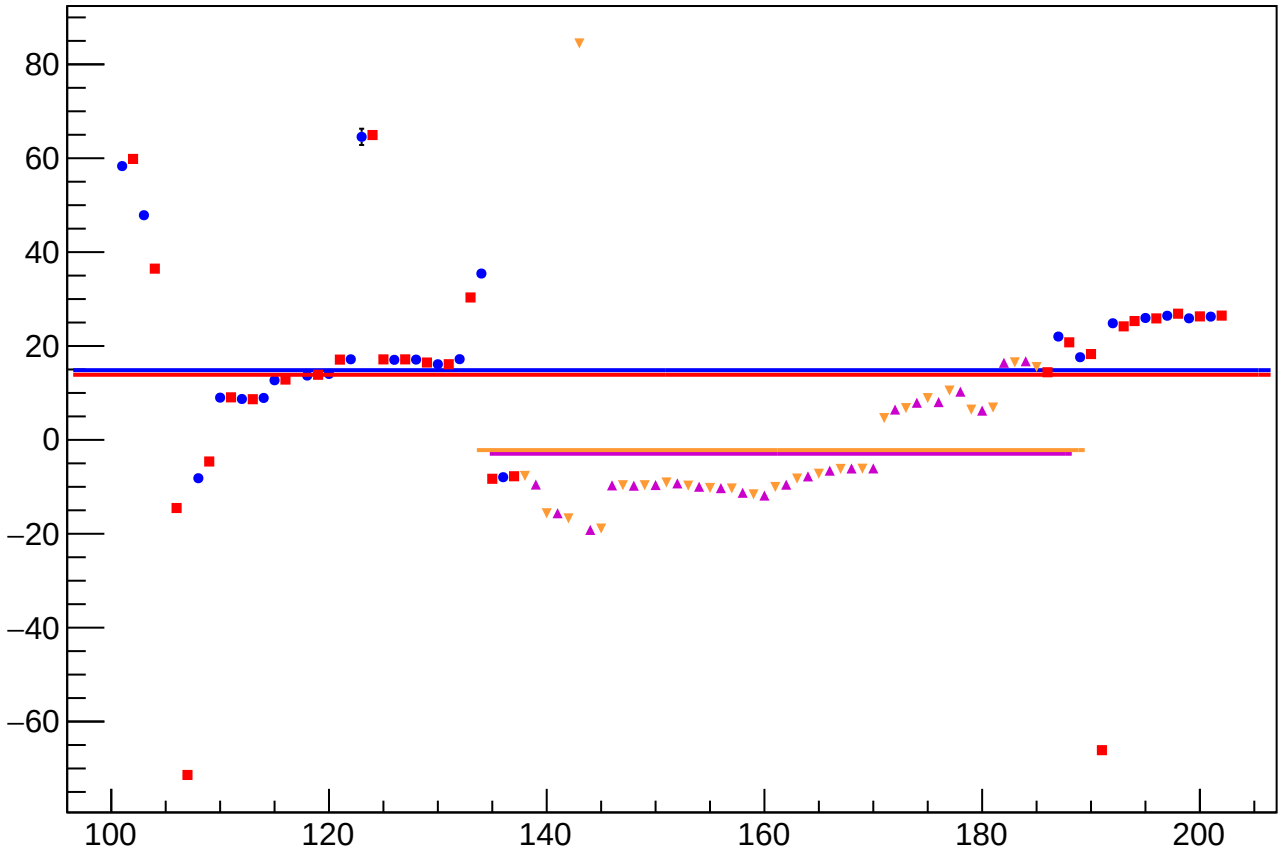
Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

+ sign -1.759+/-0.214 χ^2/NDF: 2466.2/48

All: -1.834+/-0.152 χ^2/NDF: 4747.7/99

- sign -1.908+/-0.214 χ^2/NDF: 2281.3/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 14.851+/-0.025 χ^2/NDF: 453494.1/23

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 13.874+/-0.024 χ^2/NDF: 732276.6/27

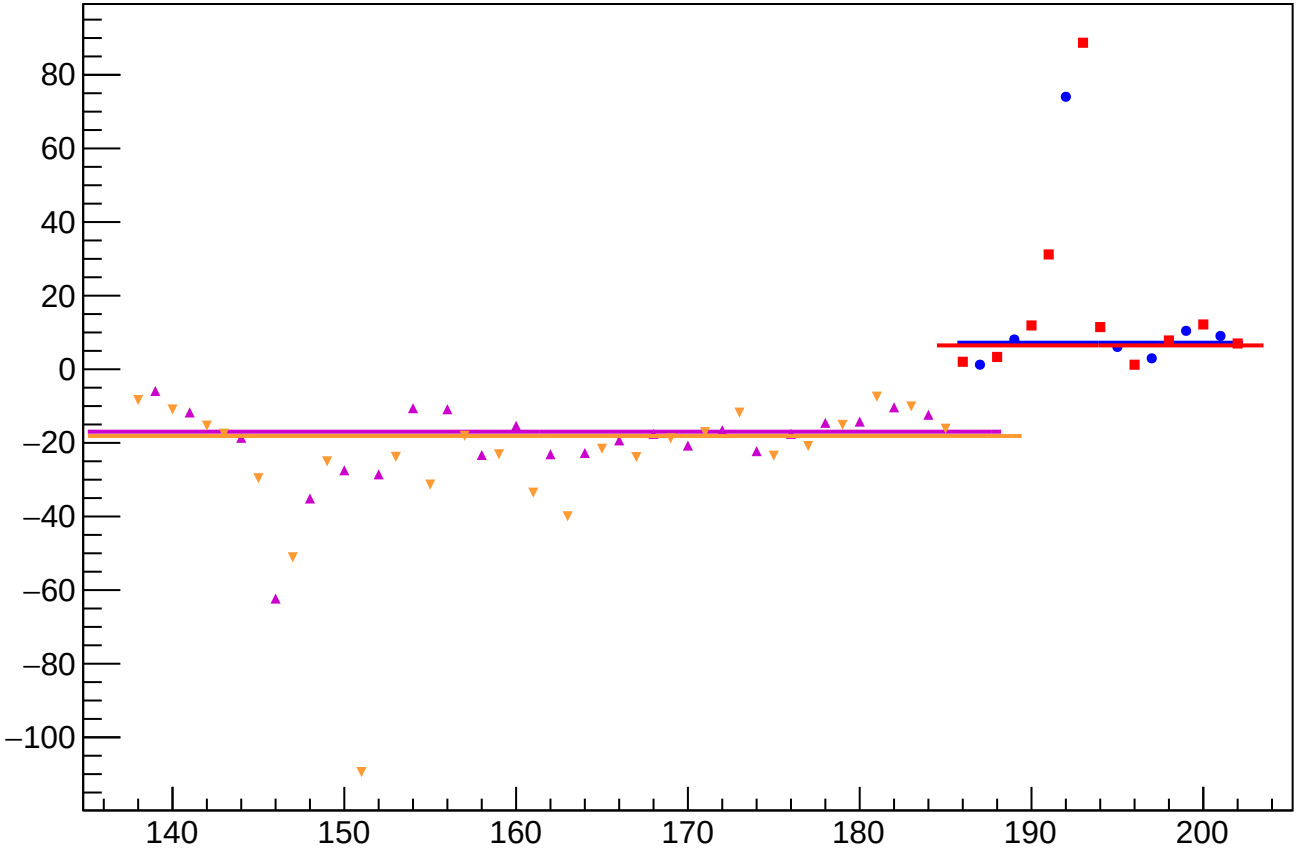
Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

+ sign 0.517+/-0.010 χ^2/NDF: 1885154.8/48

All: 0.279+/-0.007 χ^2/NDF: 3809247.0/99

- sign 0.045+/-0.010 χ^2/NDF: 1922971.9/50

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 7.218+/-0.084 χ^2/NDF: 11724.3/6

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 6.483+/-0.068 χ^2/NDF: 25544.5/9

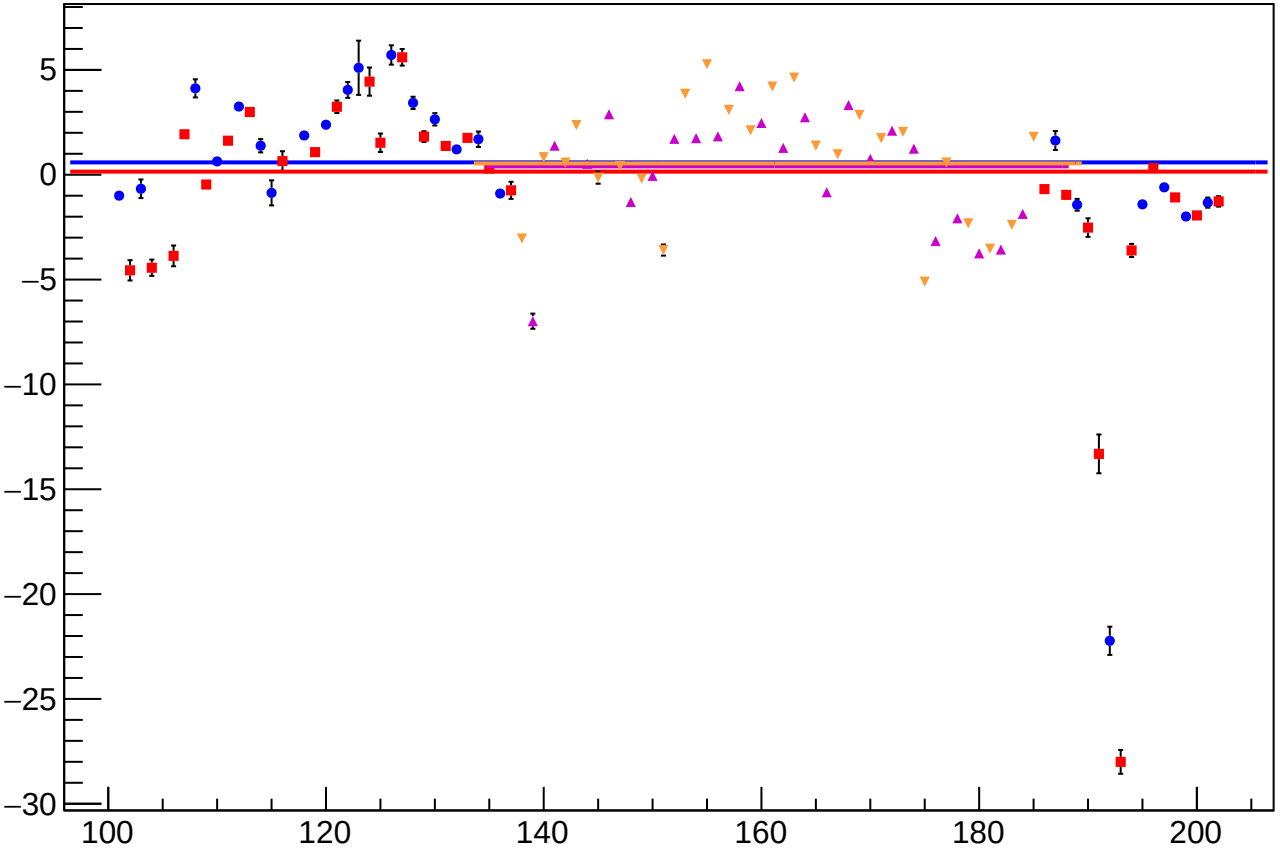
Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

+ sign -13.651+/-0.035 χ^2/NDF: 174991.2/31

All: -12.435+/-0.024 χ^2/NDF: 338308.5/64

- sign -11.365+/-0.033 χ^2/NDF: 161093.0/32

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 0.589+/-0.051 χ^2/NDF: 2476.1/23

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.148+/-0.047 χ^2/NDF: 4250.7/27

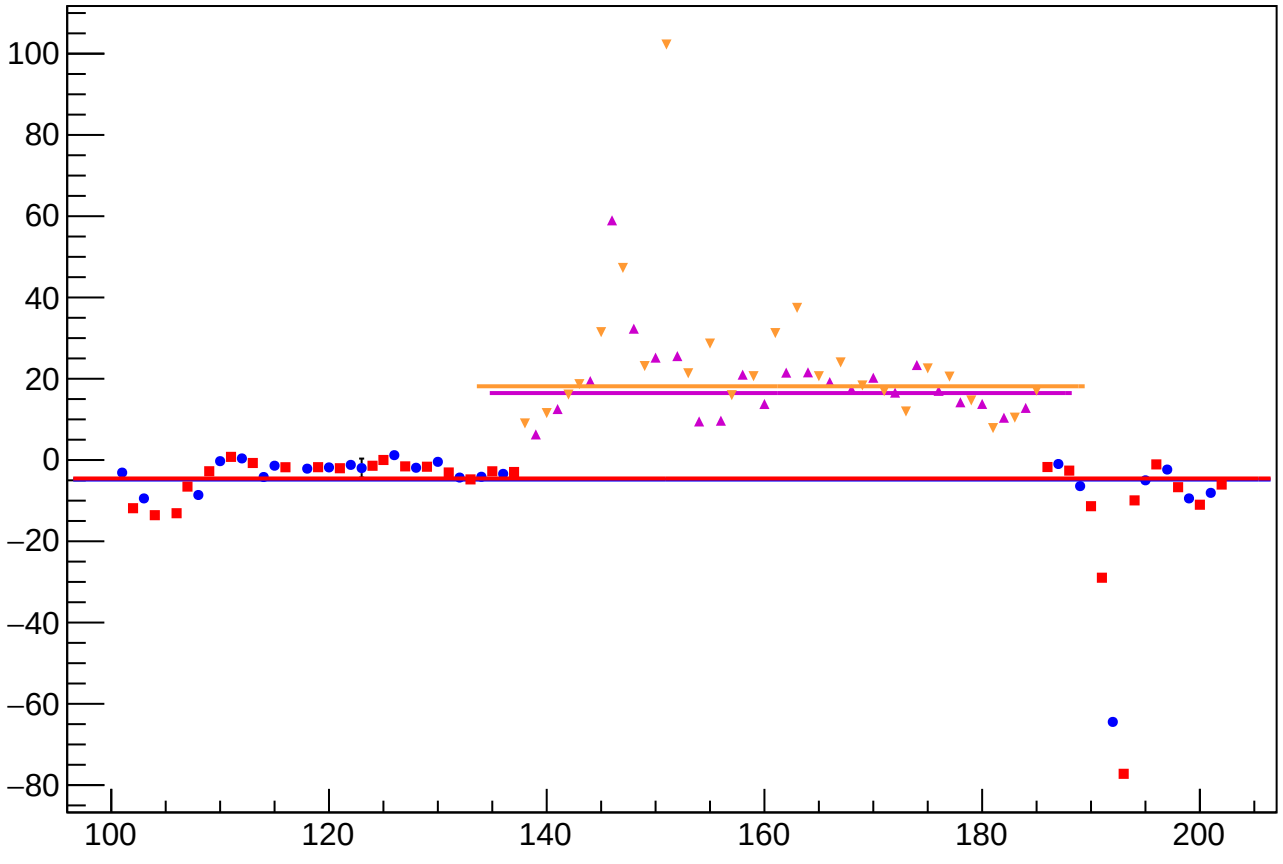
Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

+ sign 0.556+/-0.027 χ^2/NDF: 9544.3/48

All: 0.433+/-0.019 χ^2/NDF: 20139.0/99

- sign 0.325+/-0.026 χ^2/NDF: 10556.6/50

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -4.811+/-0.060 χ^2/NDF: 13314.5/23

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -4.542+/-0.049 χ^2/NDF: 27585.5/27

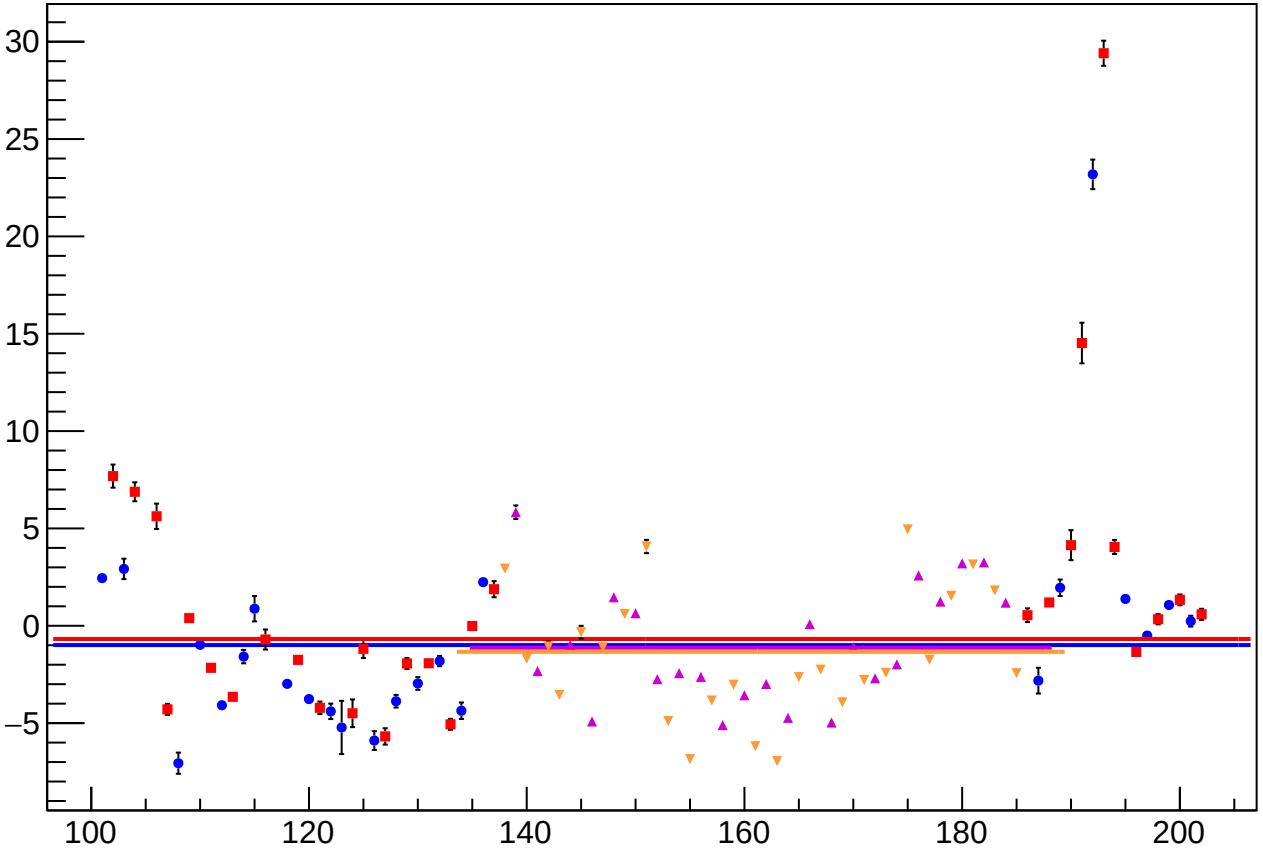
Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

+ sign 11.297+/-0.033 χ^2/NDF: 193797.0/48

All: 9.901+/-0.022 χ^2/NDF: 380948.2/99

- sign 8.738+/-0.030 χ^2/NDF: 183824.3/50

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -0.991+/-0.060 χ^2/NDF: 2721.6/23

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.680+/-0.055 χ^2/NDF: 4455.0/27

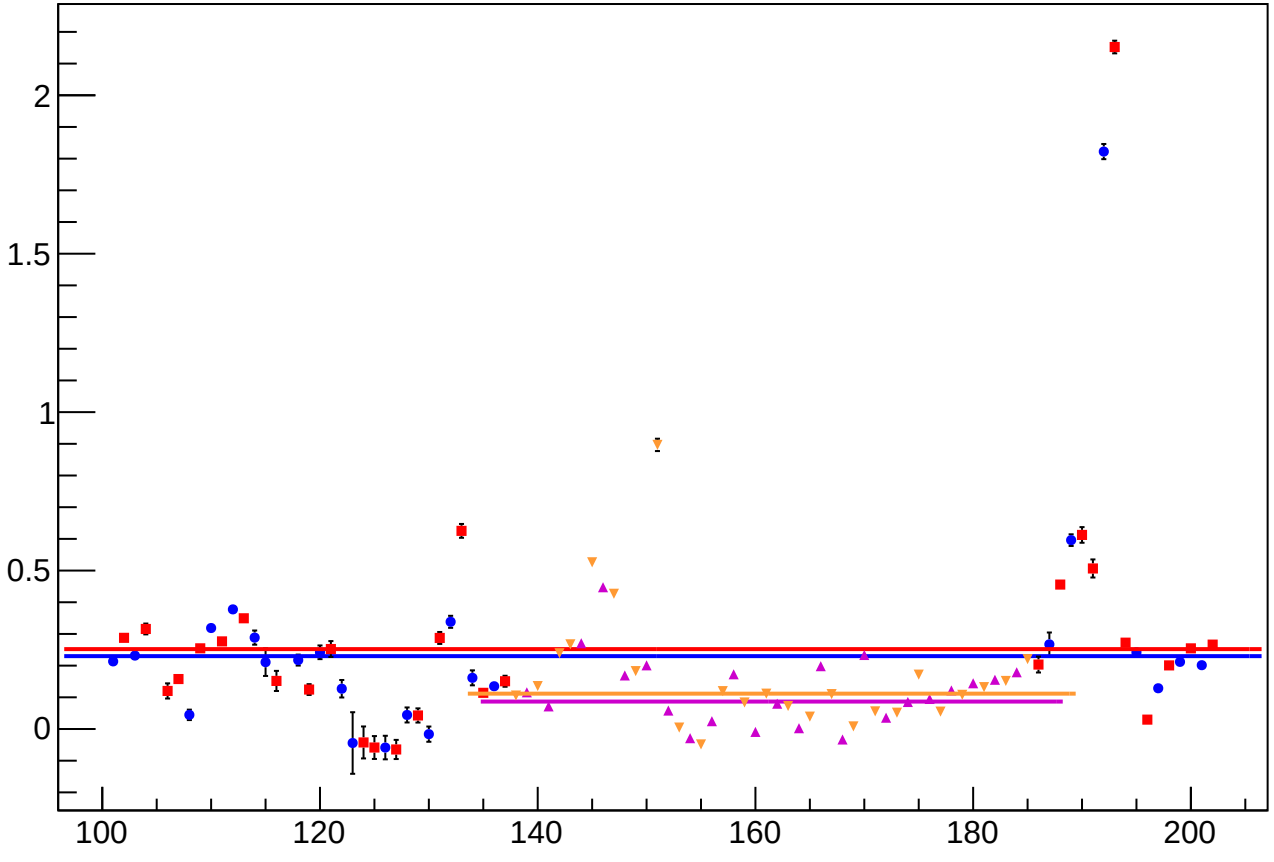
Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

+ sign -1.246+/-0.031 χ^2/NDF: 10667.0/48

All: -1.119+/-0.021 χ^2/NDF: 21980.6/99

- sign -1.005+/-0.029 χ^2/NDF: 11281.3/50

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.230+/-0.003 χ^2/NDF: 5733.5/23

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.252+/-0.003 χ^2/NDF: 11641.8/27

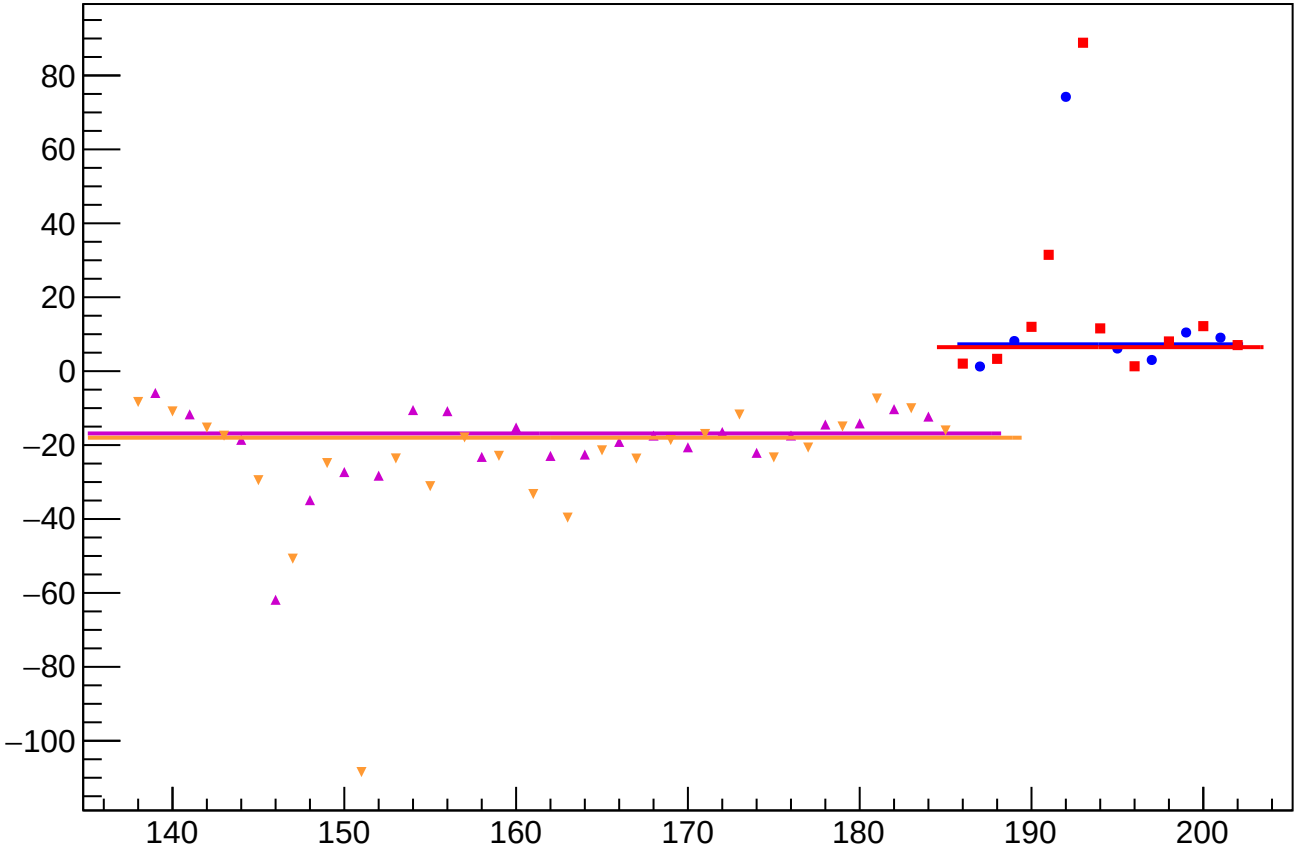
Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

+ sign 0.142+/-0.001 χ^2/NDF: 11605.0/48

All: 0.136+/-0.001 χ^2/NDF: 30170.7/99

- sign 0.130+/-0.001 χ^2/NDF: 18524.1/50

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 7.259+/-0.084 χ^2/NDF: 11849.4/6

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 6.493+/-0.067 χ^2/NDF: 25898.9/9

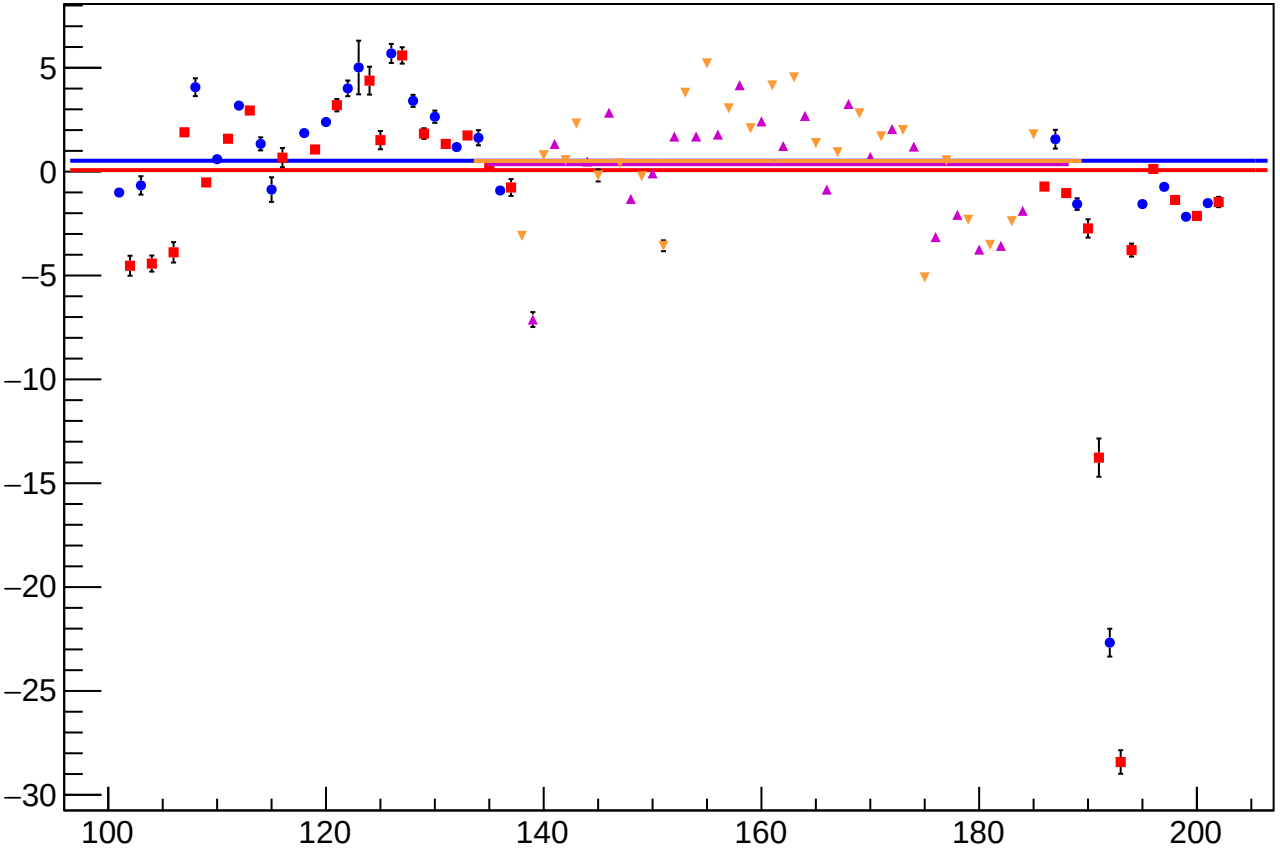
Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

+ sign -13.560+/-0.035 χ^2/NDF: 175230.1/31

All: -12.342+/-0.024 χ^2/NDF: 339553.5/64

- sign -11.270+/-0.033 χ^2/NDF: 162061.7/32

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 0.525+/-0.051 χ^2/NDF: 2586.6/23

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.073+/-0.047 χ^2/NDF: 4418.8/27

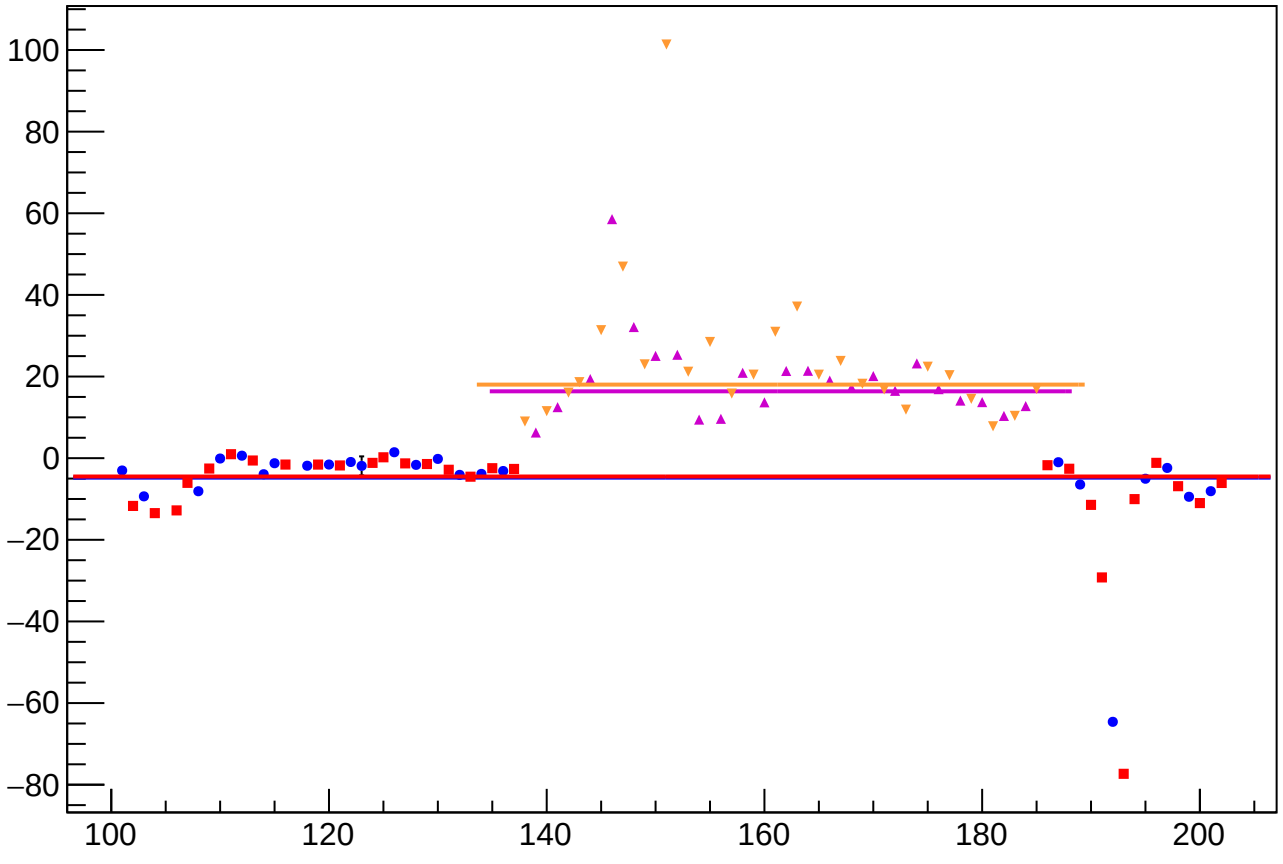
Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

+ sign 0.515+/-0.027 χ^2/NDF: 9639.6/48

All: 0.388+/-0.019 χ^2/NDF: 20399.2/99

- sign 0.276+/-0.026 χ^2/NDF: 10718.6/50

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -4.766+/-0.060 χ^2/NDF: 13564.8/23

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -4.492+/-0.049 χ^2/NDF: 28058.3/27

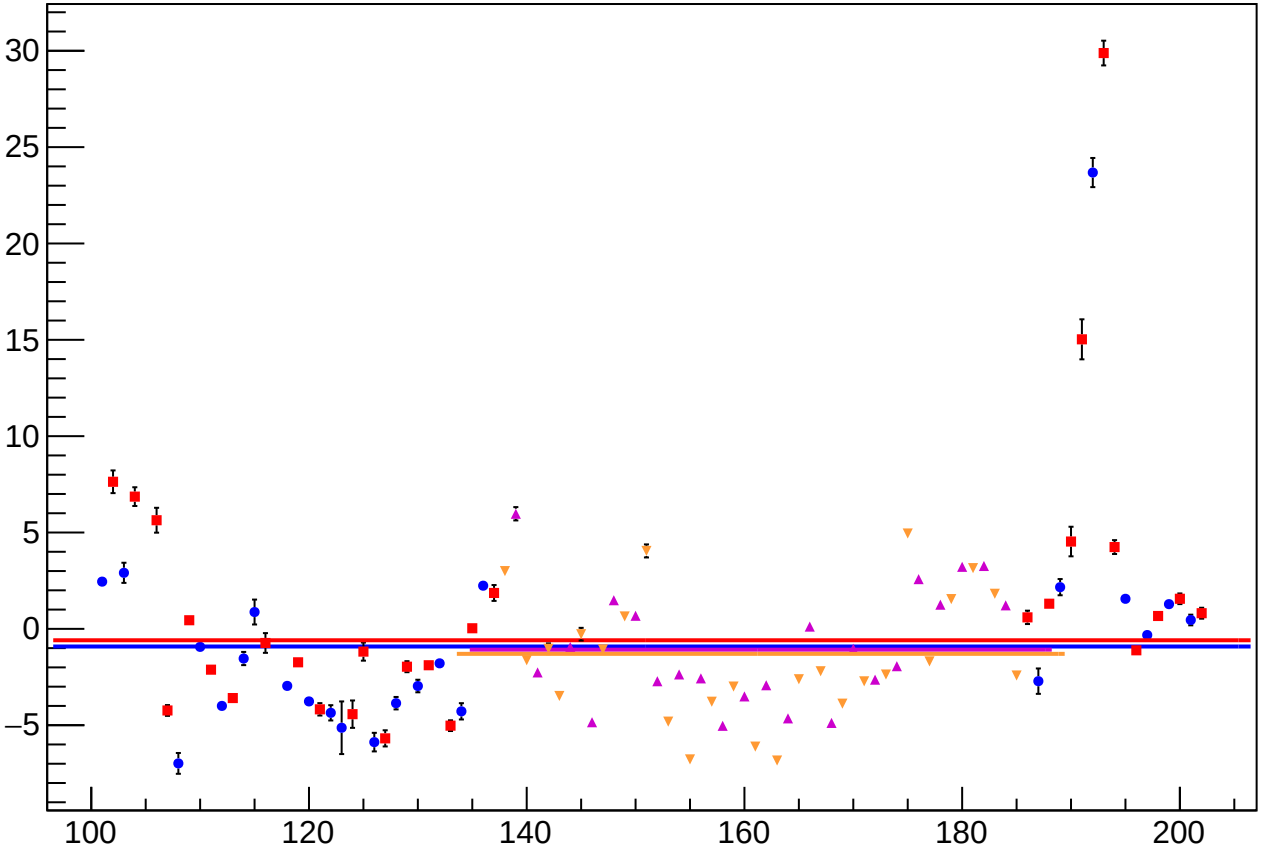
Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

+ sign 11.246+/-0.033 χ^2/NDF: 193525.9/48

All: 9.846+/-0.022 χ^2/NDF: 381174.3/99

- sign 8.683+/-0.030 χ^2/NDF: 184266.8/50

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -0.916+/-0.060 χ^2/NDF: 2810.5/23

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.592+/-0.055 χ^2/NDF: 4611.8/27

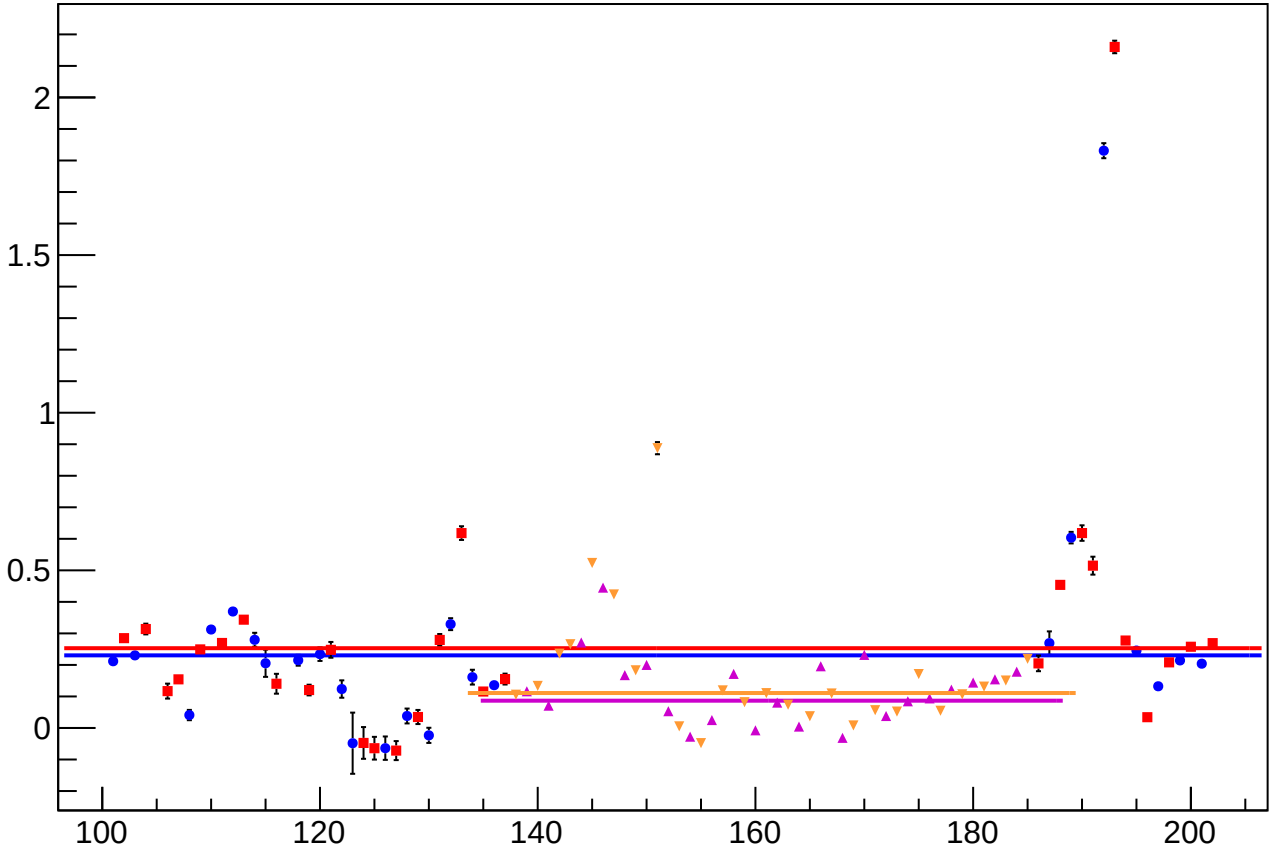
Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

+ sign -1.197+/-0.031 χ^2/NDF: 10743.7/48

All: -1.064+/-0.021 χ^2/NDF: 22211.8/99

- sign -0.947+/-0.029 χ^2/NDF: 11432.9/50

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.230+/-0.003 χ^2/NDF: 5821.0/23

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.253+/-0.002 χ^2/NDF: 11779.4/27

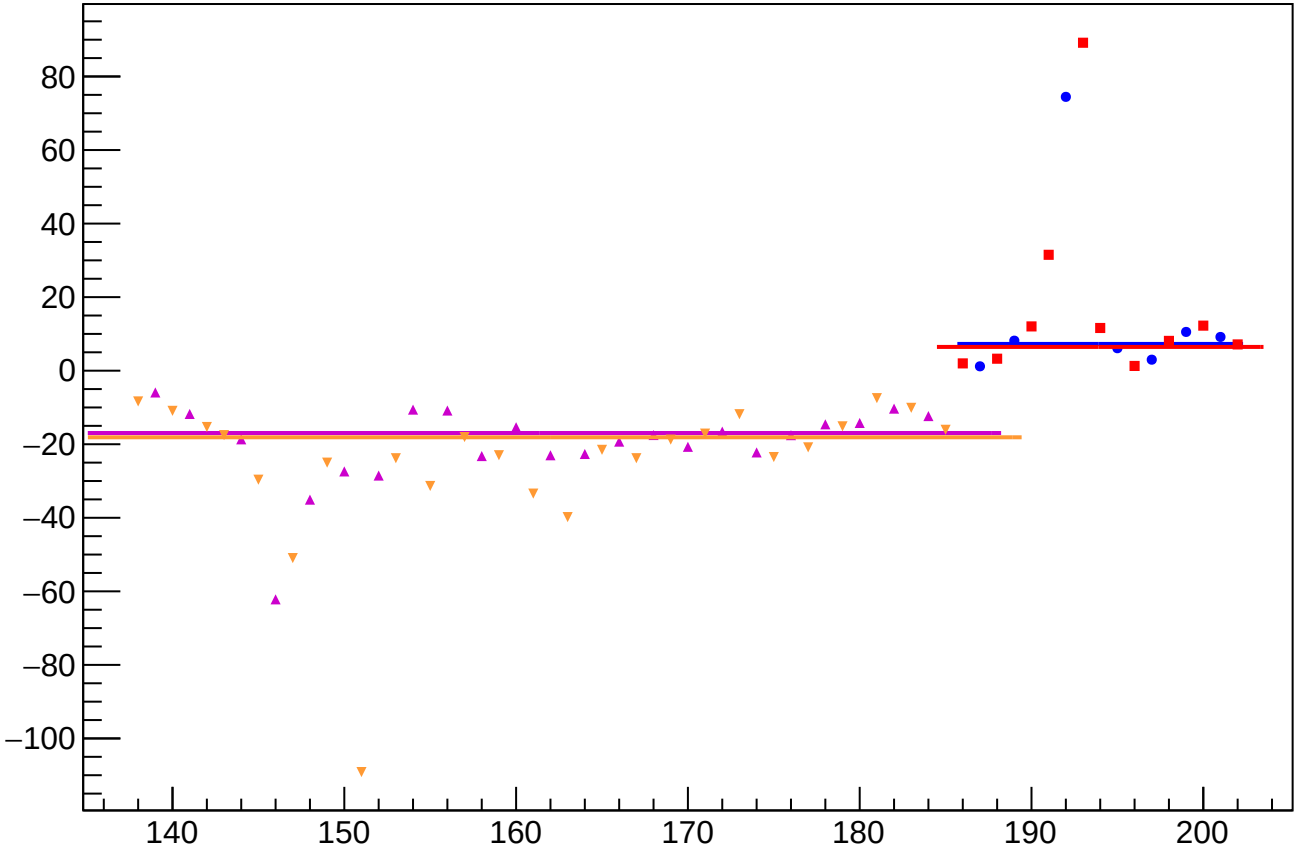
Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

+ sign 0.142+/-0.001 χ^2/NDF: 11725.5/48

All: 0.136+/-0.001 χ^2/NDF: 30465.9/99

- sign 0.130+/-0.001 χ^2/NDF: 18702.6/50

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 7.275+/-0.084 χ^2/NDF: 11875.8/6

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 6.462+/-0.067 χ^2/NDF: 25942.7/9

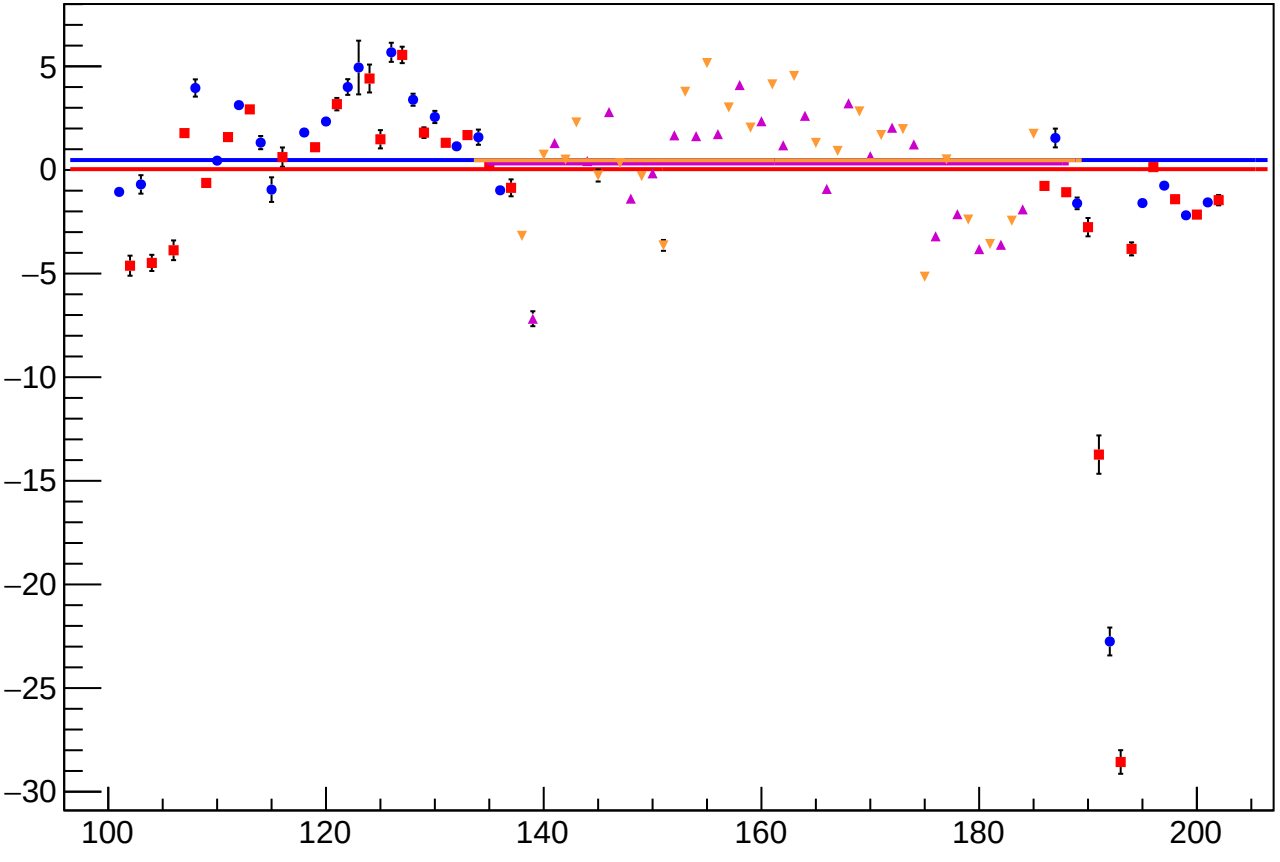
Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

+ sign -13.664+/-0.035 χ^2/NDF: 175184.2/31

All: -12.422+/-0.024 χ^2/NDF: 339677.1/64

- sign -11.333+/-0.033 χ^2/NDF: 162166.9/32

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.478+/-0.051 χ^2/NDF: 2568.1/23

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.038+/-0.047 χ^2/NDF: 4413.1/27

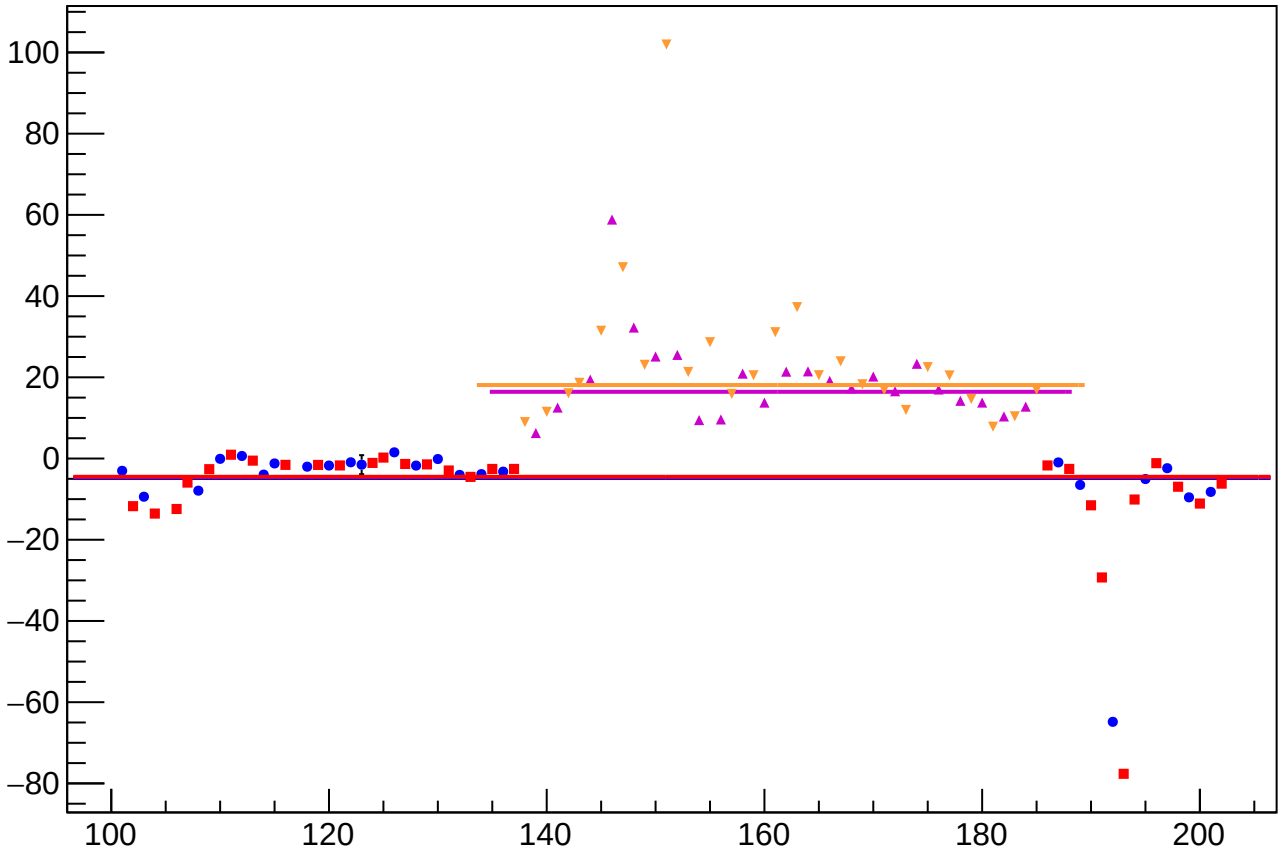
Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

+ sign 0.471+/-0.027 χ^2/NDF: 9644.9/48

All: 0.344+/-0.019 χ^2/NDF: 20357.6/99

- sign 0.232+/-0.026 χ^2/NDF: 10671.9/50

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -4.798+/-0.060 χ^2/NDF: 13589.7/23

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -4.502+/-0.049 χ^2/NDF: 28078.6/27

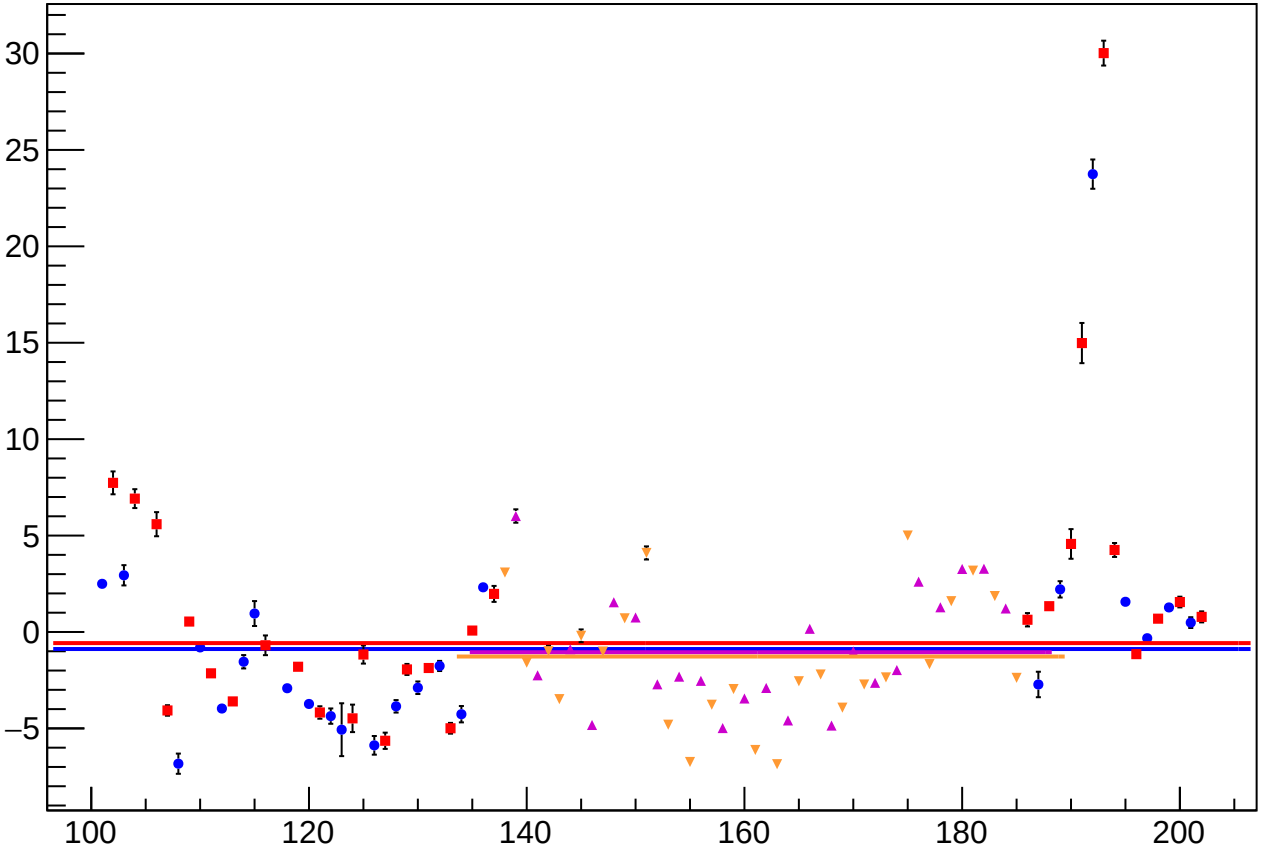
Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

+ sign 11.308+/-0.033 χ^2/NDF: 193457.3/48

All: 9.883+/-0.022 χ^2/NDF: 381272.8/99

- sign 8.702+/-0.030 χ^2/NDF: 184349.6/50

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -0.884+/-0.060 χ^2/NDF: 2798.3/23

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.577+/-0.055 χ^2/NDF: 4610.7/27

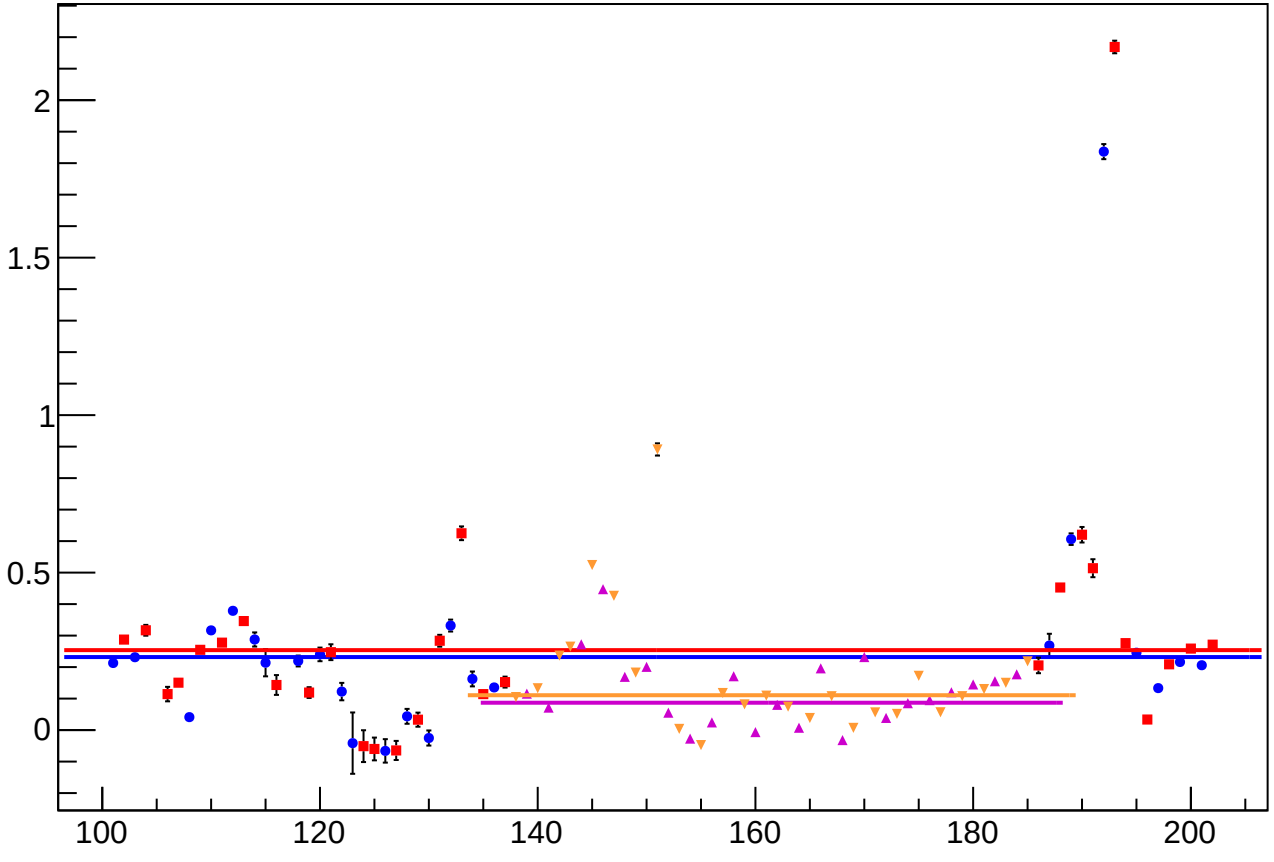
Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

+ sign -1.170+/-0.031 χ^2/NDF: 10760.3/48

All: -1.038+/-0.021 χ^2/NDF: 22172.1/99

- sign -0.921+/-0.029 χ^2/NDF: 11376.9/50

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.232+/-0.003 χ^2/NDF: 5835.9/23

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.254+/-0.003 χ^2/NDF: 11795.2/27

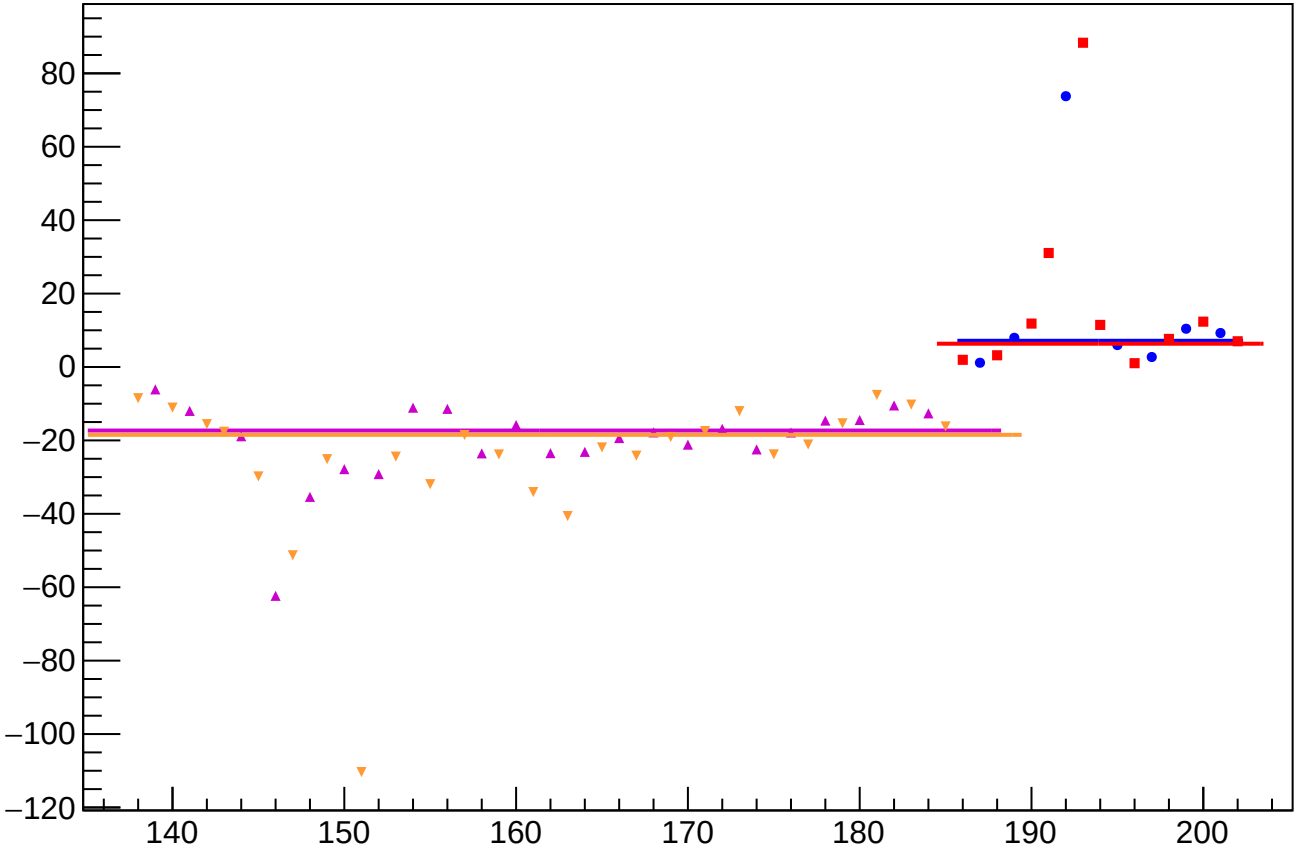
Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

+ sign 0.142+/-0.001 χ^2/NDF: 11744.5/48

All: 0.136+/-0.001 χ^2/NDF: 30465.3/99

- sign 0.131+/-0.001 χ^2/NDF: 18684.9/50

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 7.141+/-0.085 χ^2/NDF: 11678.8/6

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 6.346+/-0.068 χ^2/NDF: 25473.7/9

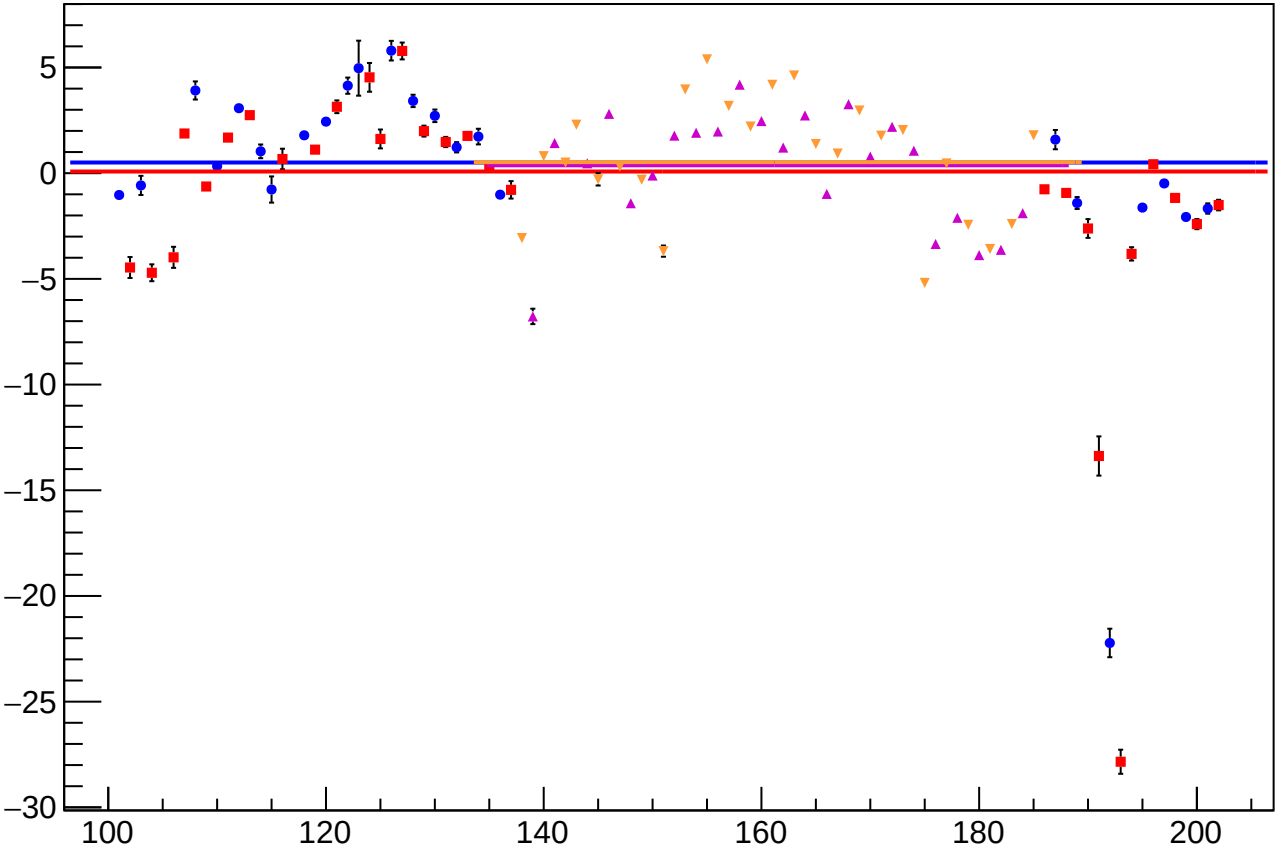
Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

+ sign -13.861+/-0.036 χ^2/NDF: 174408.3/31

All: -12.583+/-0.025 χ^2/NDF: 337893.3/64

- sign -11.465+/-0.034 χ^2/NDF: 161120.8/32

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.505+/-0.052 χ^2/NDF: 2471.2/23

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.079+/-0.048 χ^2/NDF: 4259.6/27

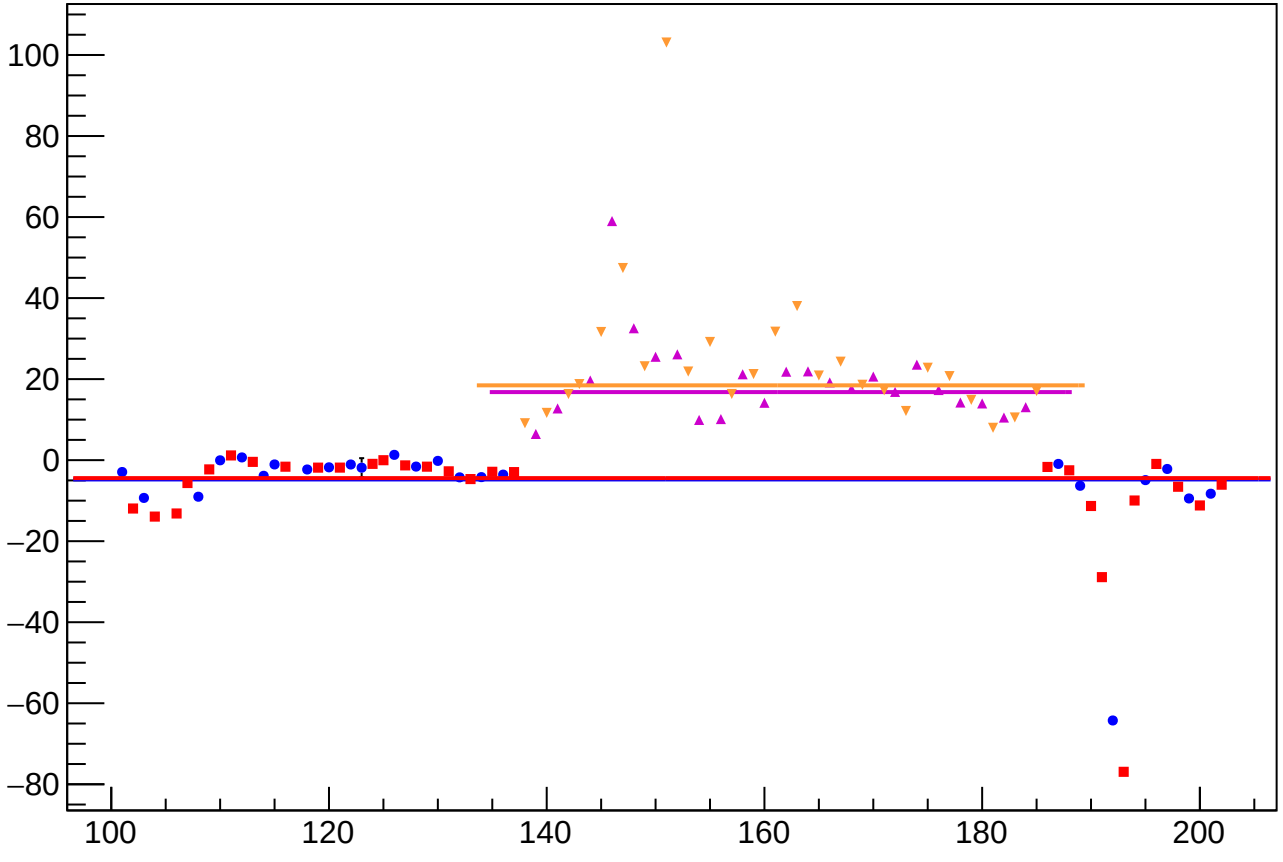
Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

+ sign 0.517+/-0.028 χ^2/NDF: 9509.5/48

All: 0.394+/-0.019 χ^2/NDF: 20096.0/99

- sign 0.285+/-0.026 χ^2/NDF: 10549.9/50

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -4.765+/-0.061 χ^2/NDF: 13298.5/23

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -4.434+/-0.049 χ^2/NDF: 27576.1/27

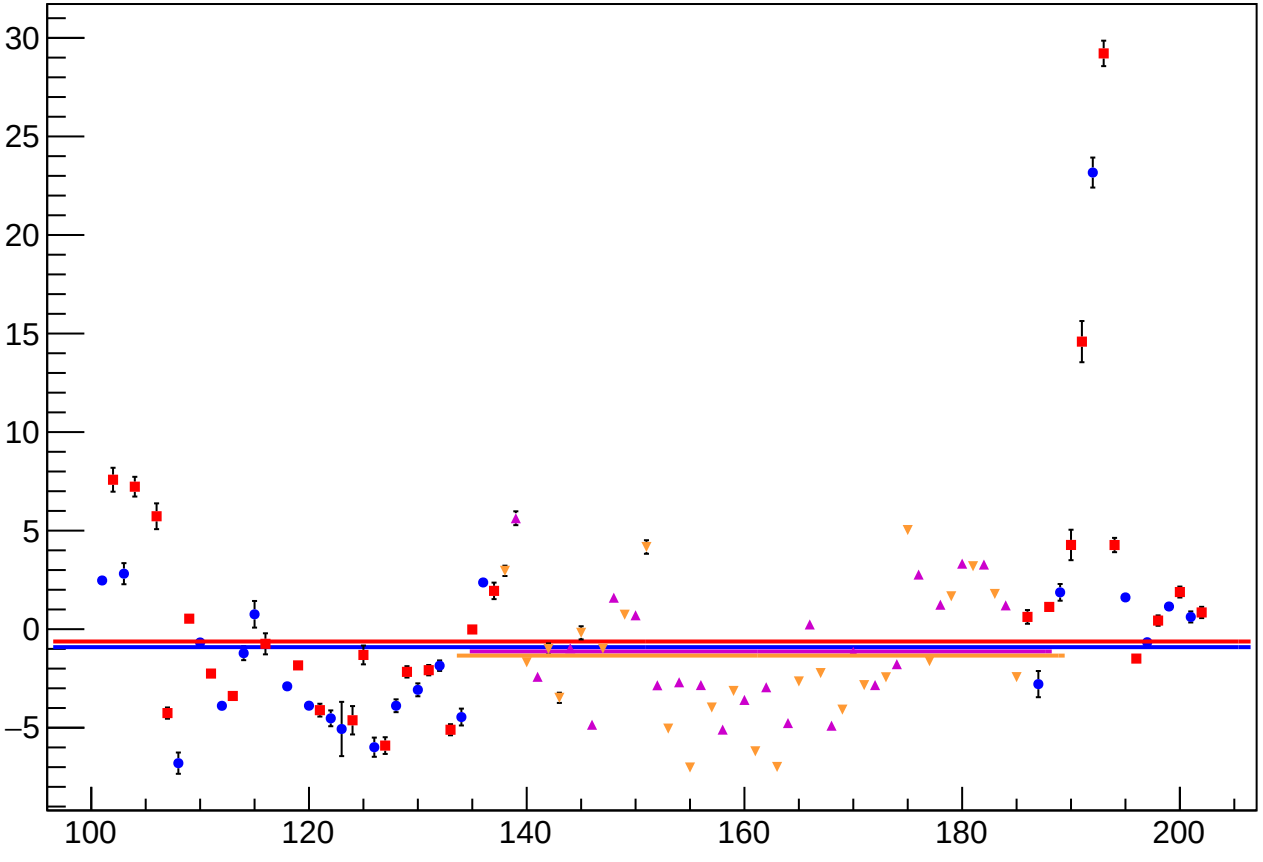
Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

+ sign 11.443+/-0.033 χ^2/NDF: 192788.5/48

All: 9.996+/-0.022 χ^2/NDF: 379080.1/99

- sign 8.799+/-0.030 χ^2/NDF: 182853.8/50

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.912+/-0.061 χ^2/NDF: 2712.7/23

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.625+/-0.056 χ^2/NDF: 4460.9/27

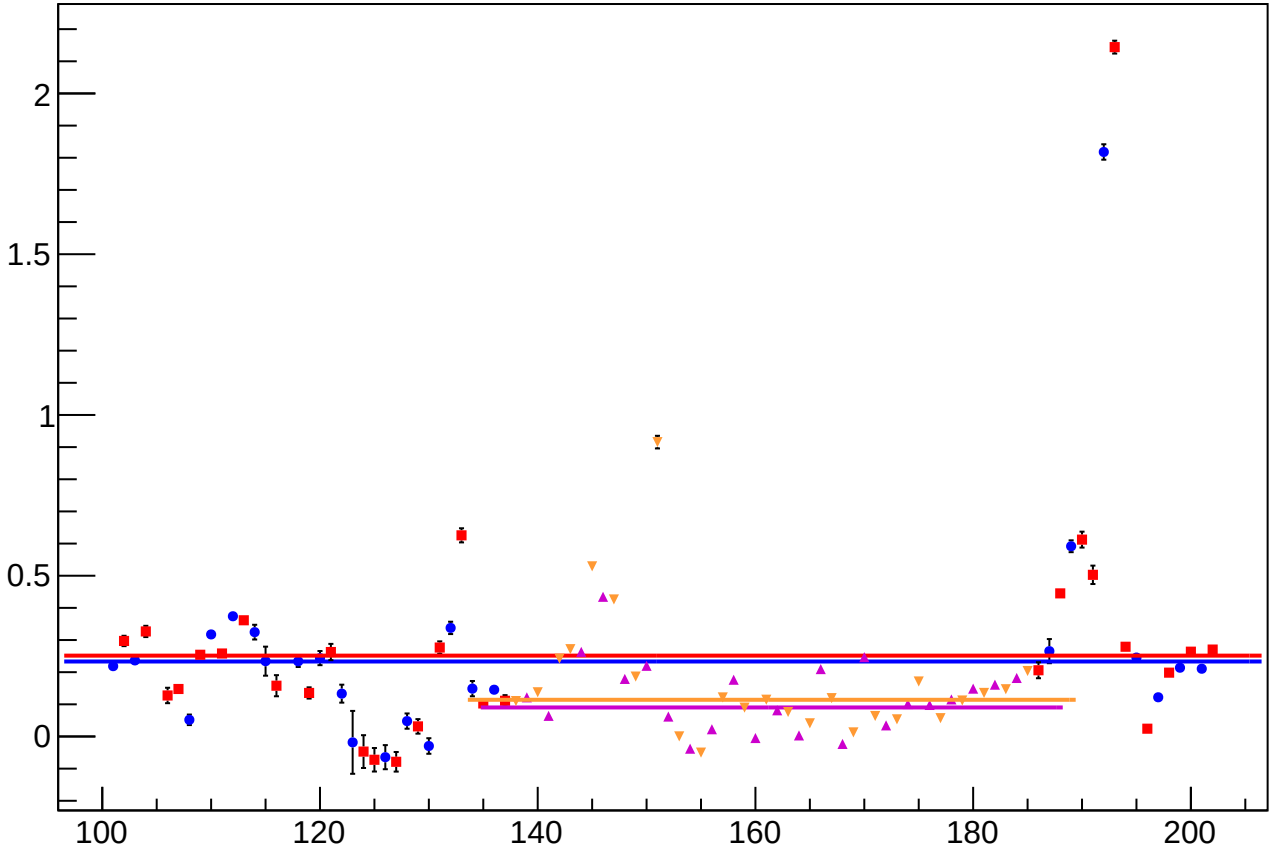
Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

+ sign -1.227+/-0.031 χ^2/NDF: 10635.1/48

All: -1.102+/-0.022 χ^2/NDF: 21927.8/99

- sign -0.991+/-0.030 χ^2/NDF: 11262.9/50

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.233+/-0.003 χ^2/NDF: 5654.9/23

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.251+/-0.003 χ^2/NDF: 11642.7/27

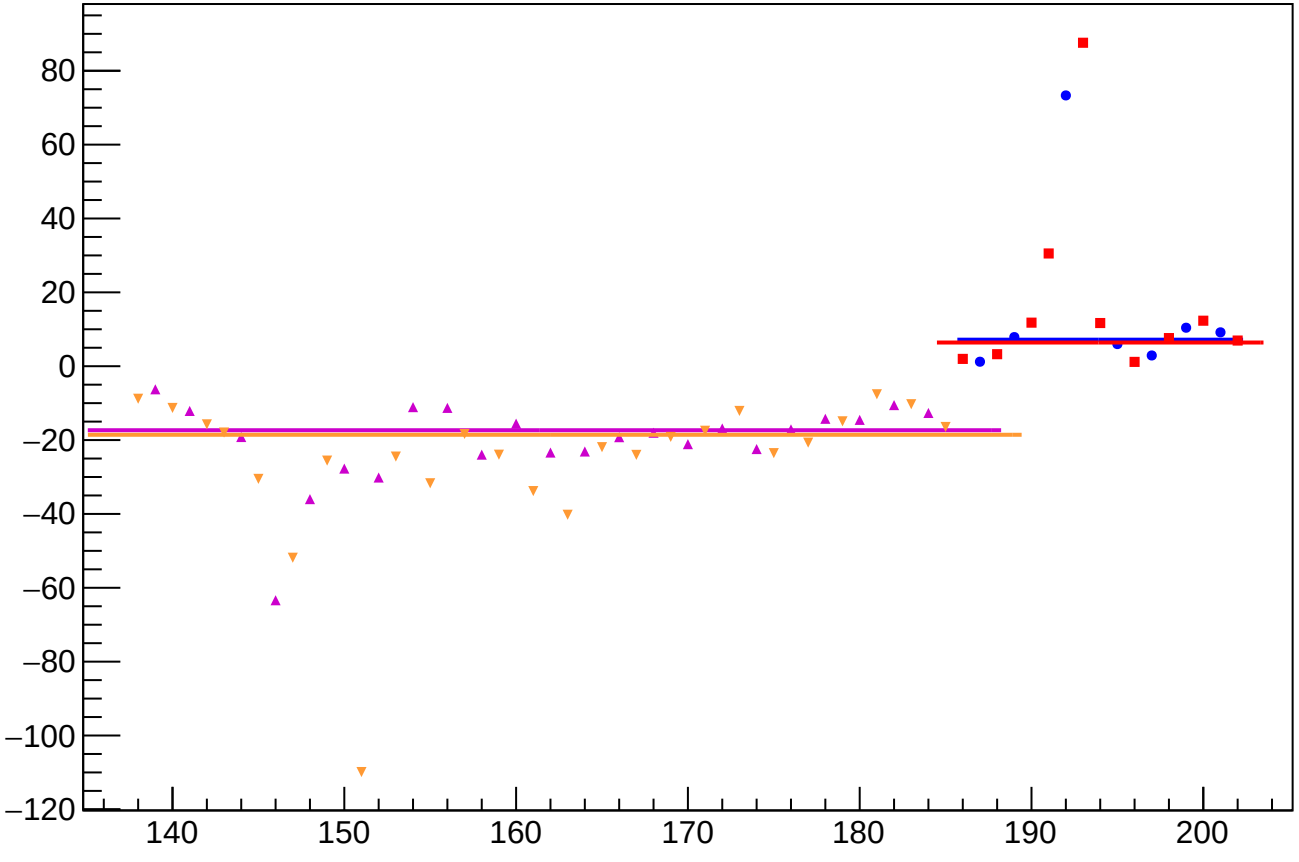
Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

+ sign 0.145+/-0.001 χ^2/NDF: 11427.1/48

All: 0.139+/-0.001 χ^2/NDF: 29760.3/99

- sign 0.133+/-0.001 χ^2/NDF: 18294.2/50

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 7.185+/-0.086 χ^2/NDF: 11333.1/6

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 6.415+/-0.069 χ^2/NDF: 24813.2/9

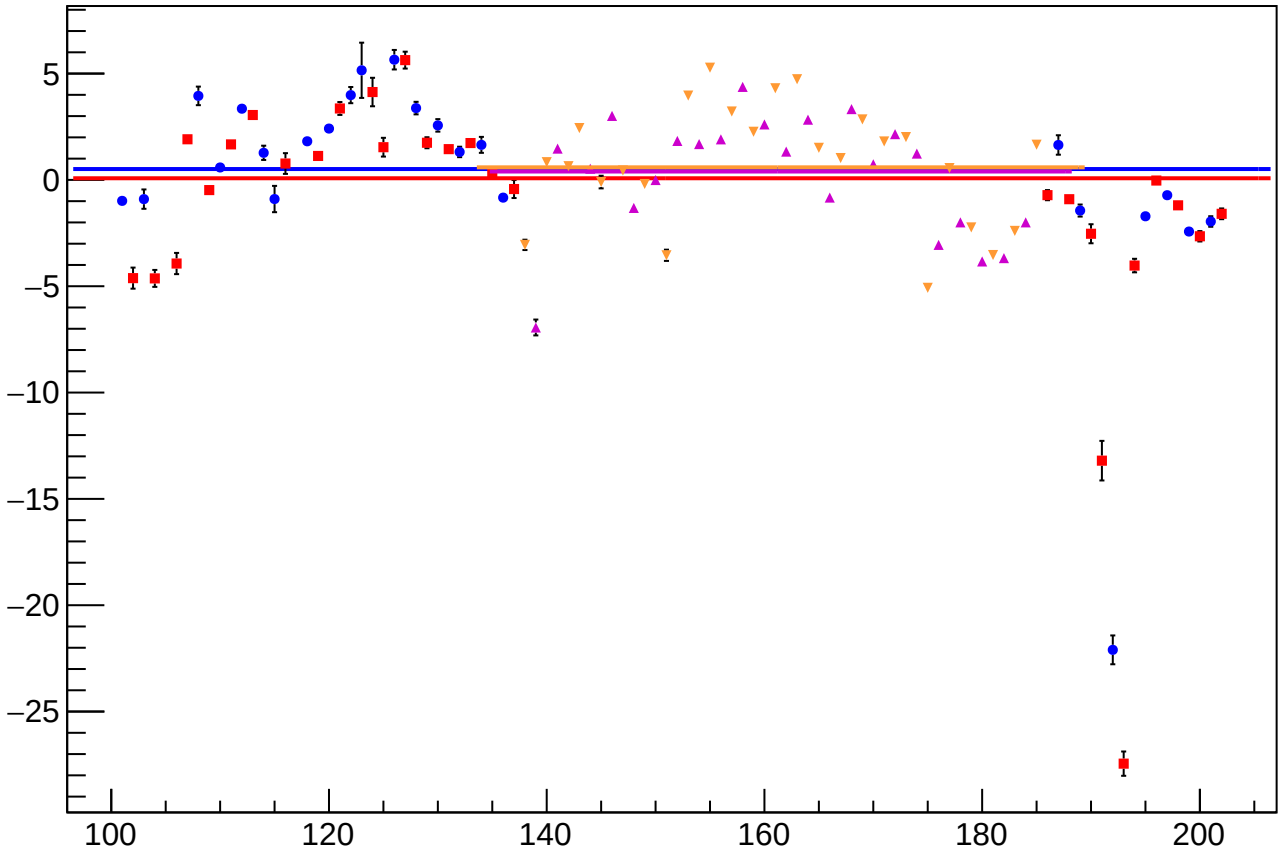
Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

+ sign -13.936+/-0.036 χ^2/NDF: 171660.7/31

All: -12.637+/-0.025 χ^2/NDF: 333379.6/64

- sign -11.500+/-0.034 χ^2/NDF: 159324.4/32

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 0.511+/-0.052 χ^2/NDF: 2520.2/23

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.077+/-0.049 χ^2/NDF: 4208.1/27

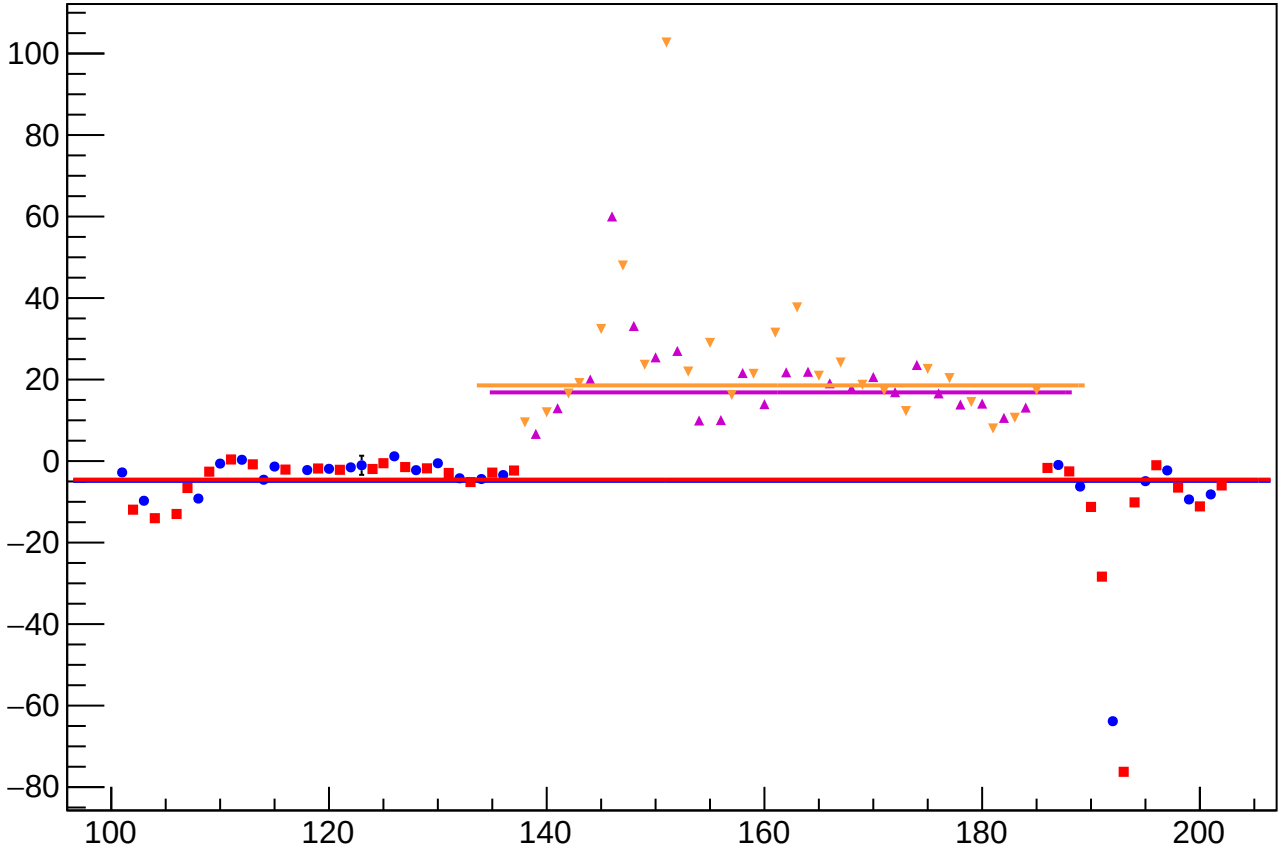
Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

+ sign 0.568+/-0.028 χ^2/NDF: 9302.1/48

All: 0.426+/-0.019 χ^2/NDF: 19700.9/99

- sign 0.300+/-0.026 χ^2/NDF: 10350.8/50

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -4.854+/-0.061 χ^2/NDF: 12772.1/23

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -4.549+/-0.050 χ^2/NDF: 26680.3/27

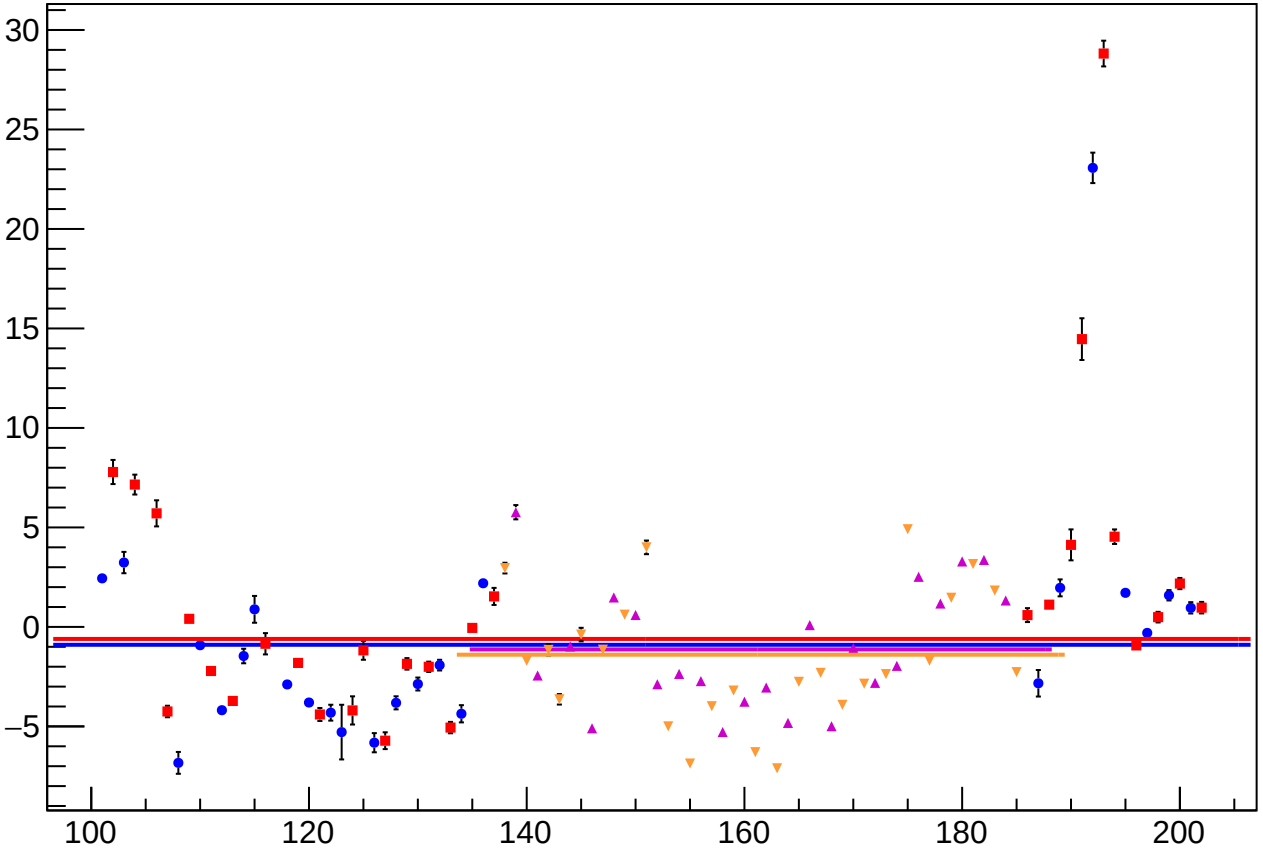
Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

+ sign 11.521+/-0.034 χ^2/NDF: 190412.9/48

All: 10.060+/-0.023 χ^2/NDF: 375088.0/99

- sign 8.850+/-0.031 χ^2/NDF: 181239.8/50

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -0.898+/-0.061 χ^2/NDF: 2714.2/23

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -0.604+/-0.057 χ^2/NDF: 4393.2/27

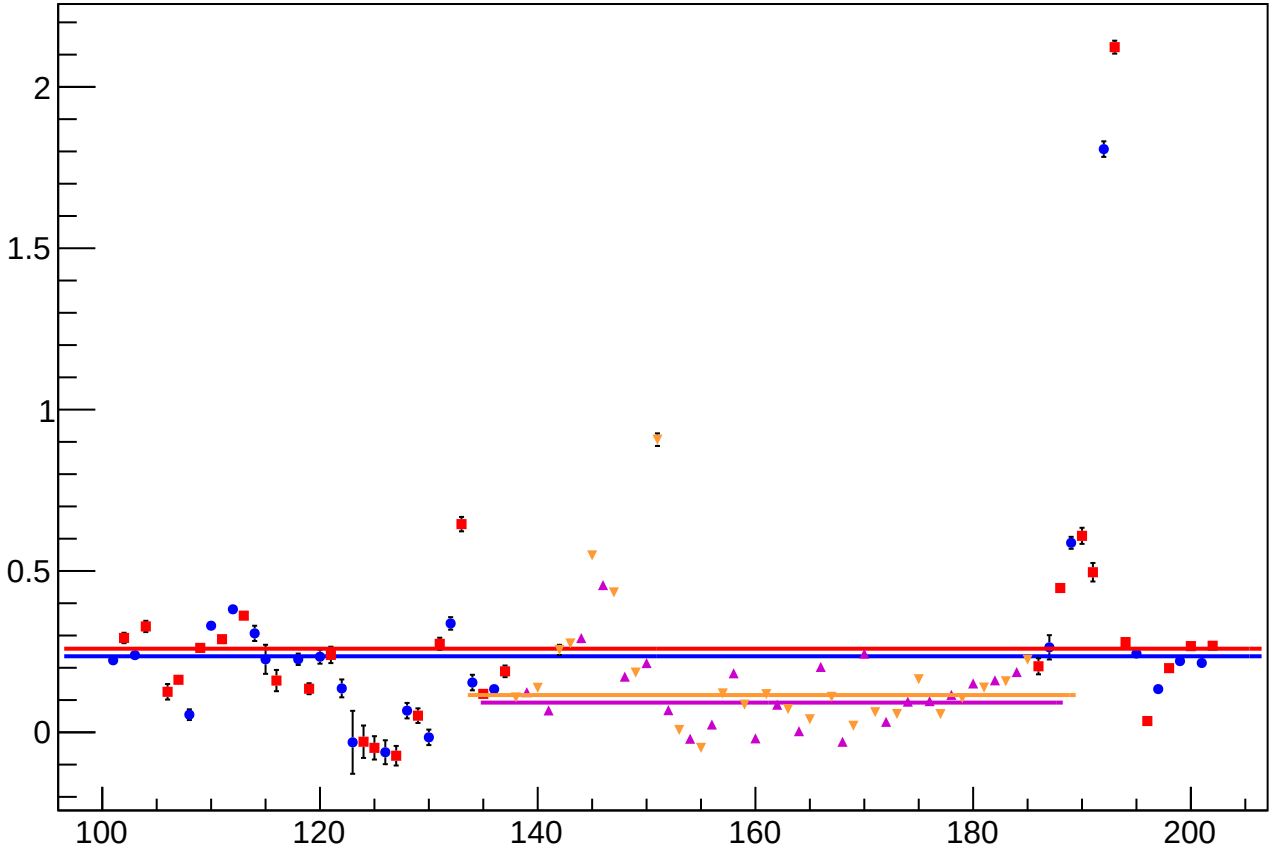
Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

+ sign -1.264+/-0.032 χ^2/NDF: 10393.9/48

All: -1.118+/-0.022 χ^2/NDF: 21528.1/99

- sign -0.987+/-0.030 χ^2/NDF: 11093.8/50

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.236+/-0.003 χ^2/NDF: 5482.5/23

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.259+/-0.003 χ^2/NDF: 11116.7/27

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

+ sign 0.147+/-0.001 χ^2/NDF: 11288.6/48

All: 0.141+/-0.001 χ^2/NDF: 29165.8/99

- sign 0.136+/-0.001 χ^2/NDF: 17848.3/50