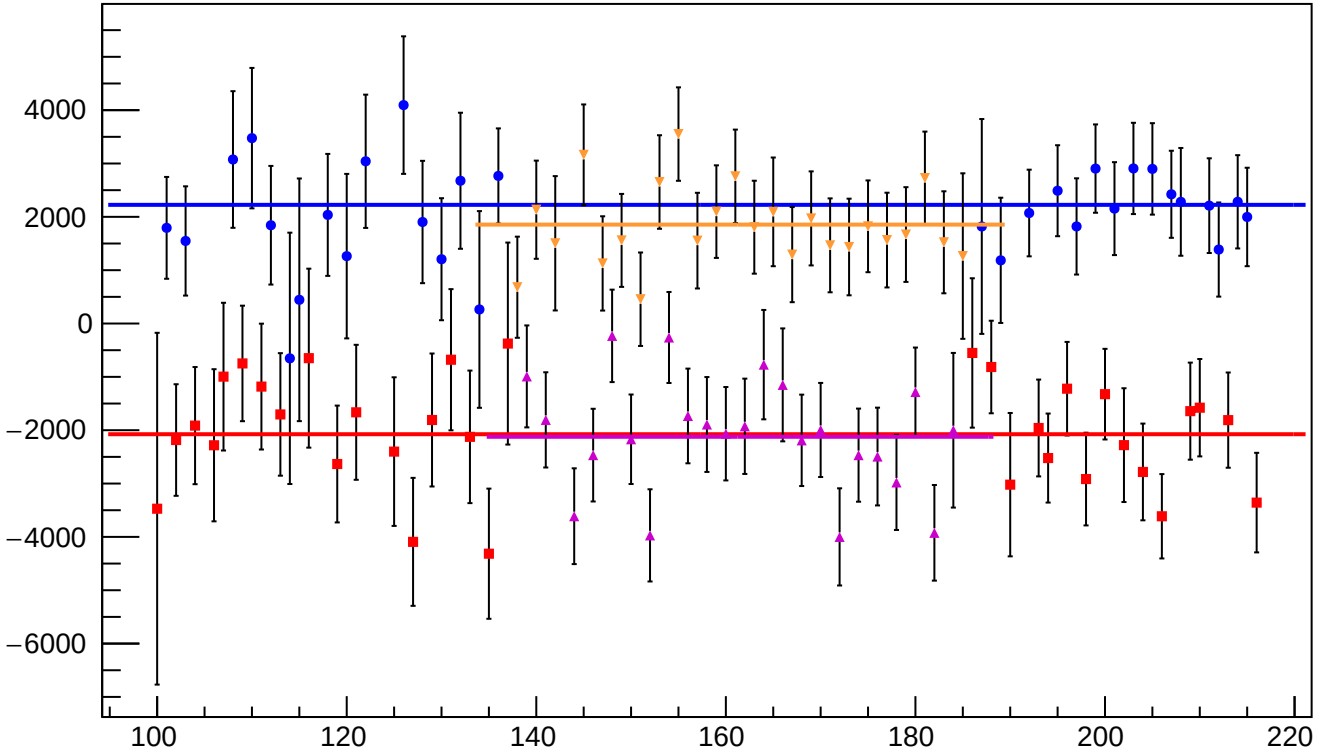
reg_asym_us_avg_mean vs Slug



Right In: 2224.933+/-186.817 χ^2/NDF: 13.8/30

Left Out: 1854.267+/-187.405 χ^2/NDF:15.1/23

Right Out: -2075.259+/-187.081 χ^2/NDF: 26.0/32

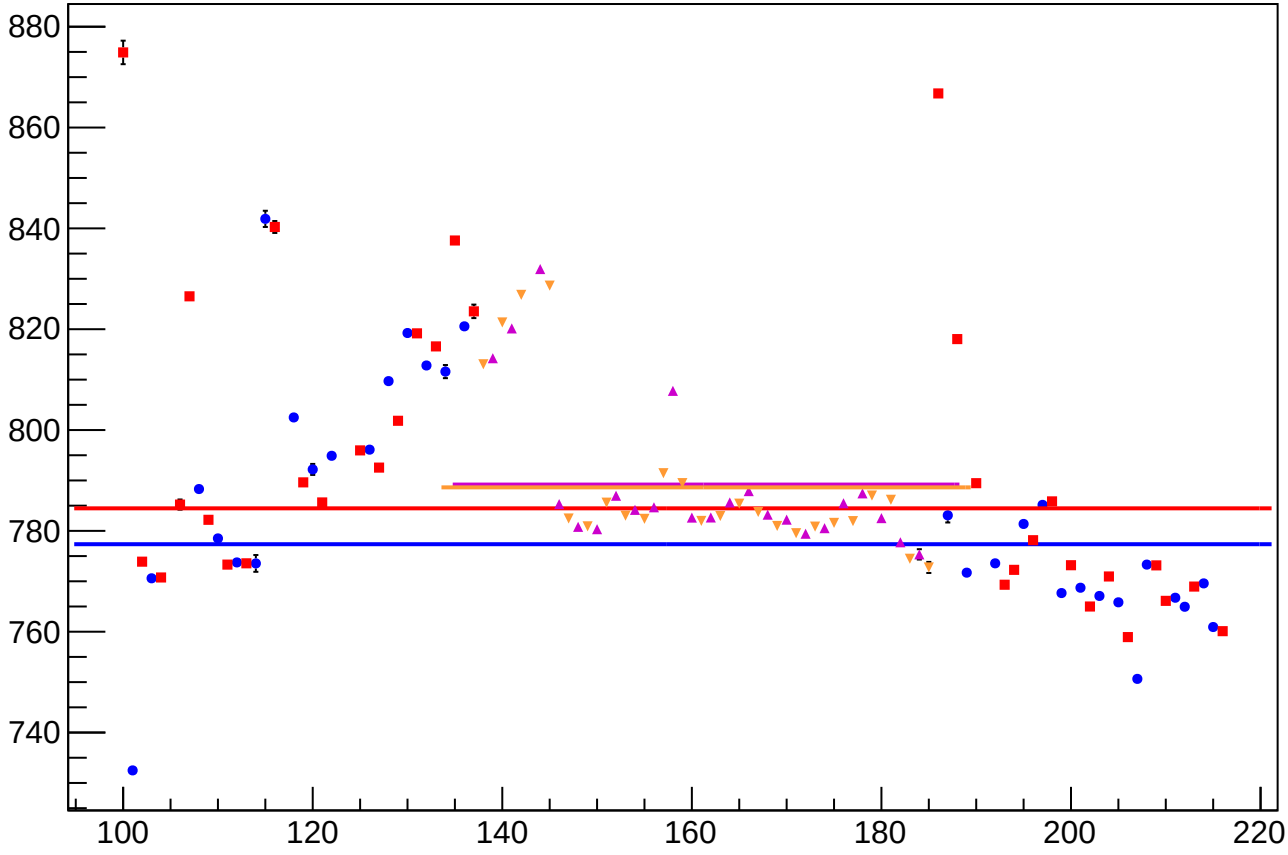
Left In: -2123.138+/-188.684 χ^2/NDF:32.0/22

\+ sign 2040.183+/-132.307 χ^2/NDF: 30.8/54

All: -20.938+/-93.746 χ^2/NDF: 576.3/110

\- sign -2098.994+/-132.850 χ^2/NDF: 58.0/55

reg_asym_us_avg_rms vs Slug



Right In: 777.356+/-0.132 χ^2/NDF: 24540.5/30

Left Out: 788.629+/-0.133 χ^2/NDF:11478.1/23

Right Out: 784.470+/-0.132 χ^2/NDF: 32121.8/32

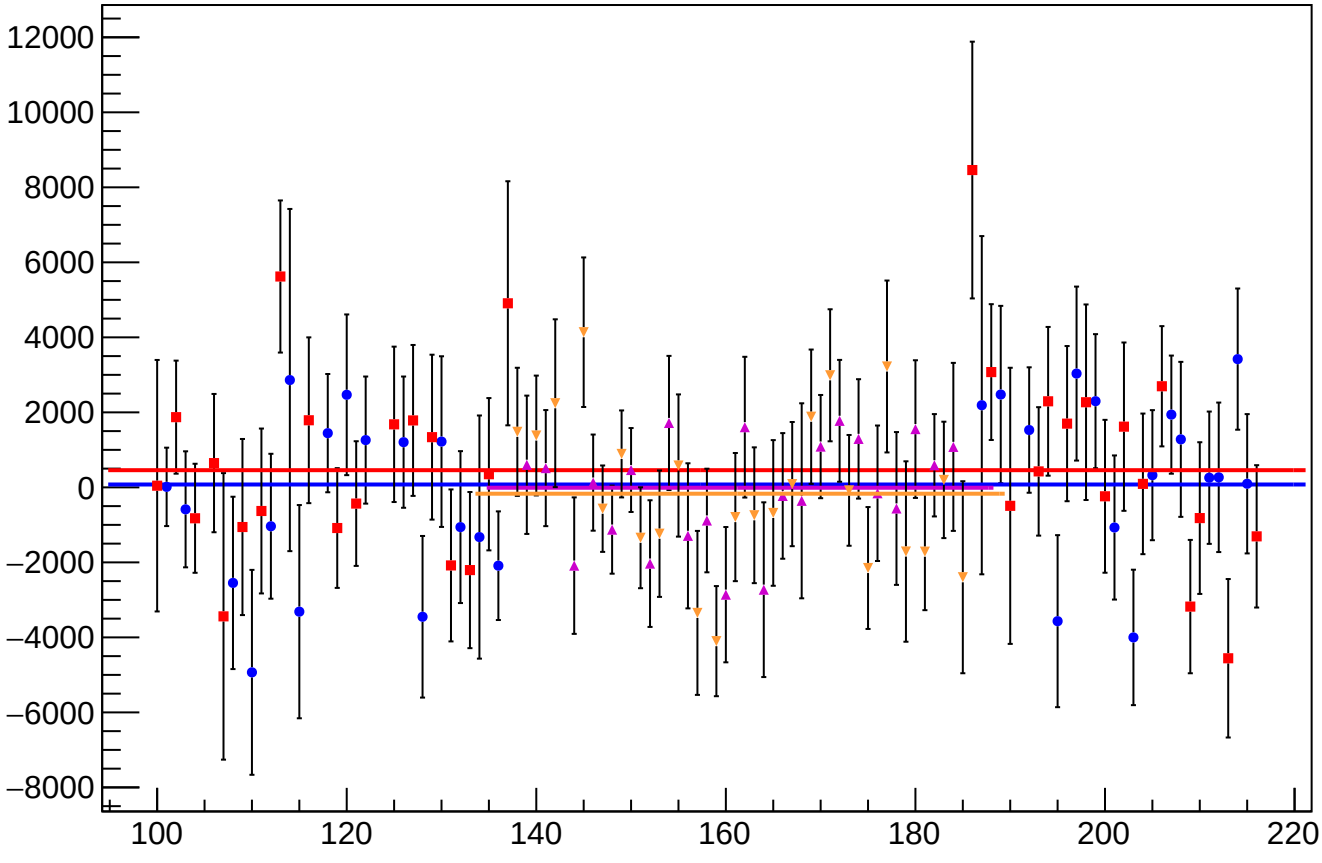
Left In: 789.185+/-0.133 χ^2/NDF:11343.2/22

+ sign 782.975+/-0.094 χ^2/NDF: 39648.8/54

All: 784.883+/-0.066 χ^2/NDF: 84579.2/110

- sign 786.807+/-0.094 χ^2/NDF: 44094.8/55

asym_us_avg_correction_mean vs Slug



Right In: 76.510+/-341.330 χ^2/NDF: 33.6/30

Left Out: -169.172+/-340.391 χ^2/NDF:30.0/23

Right Out: 458.225+/-352.016 χ^2/NDF: 40.3/32

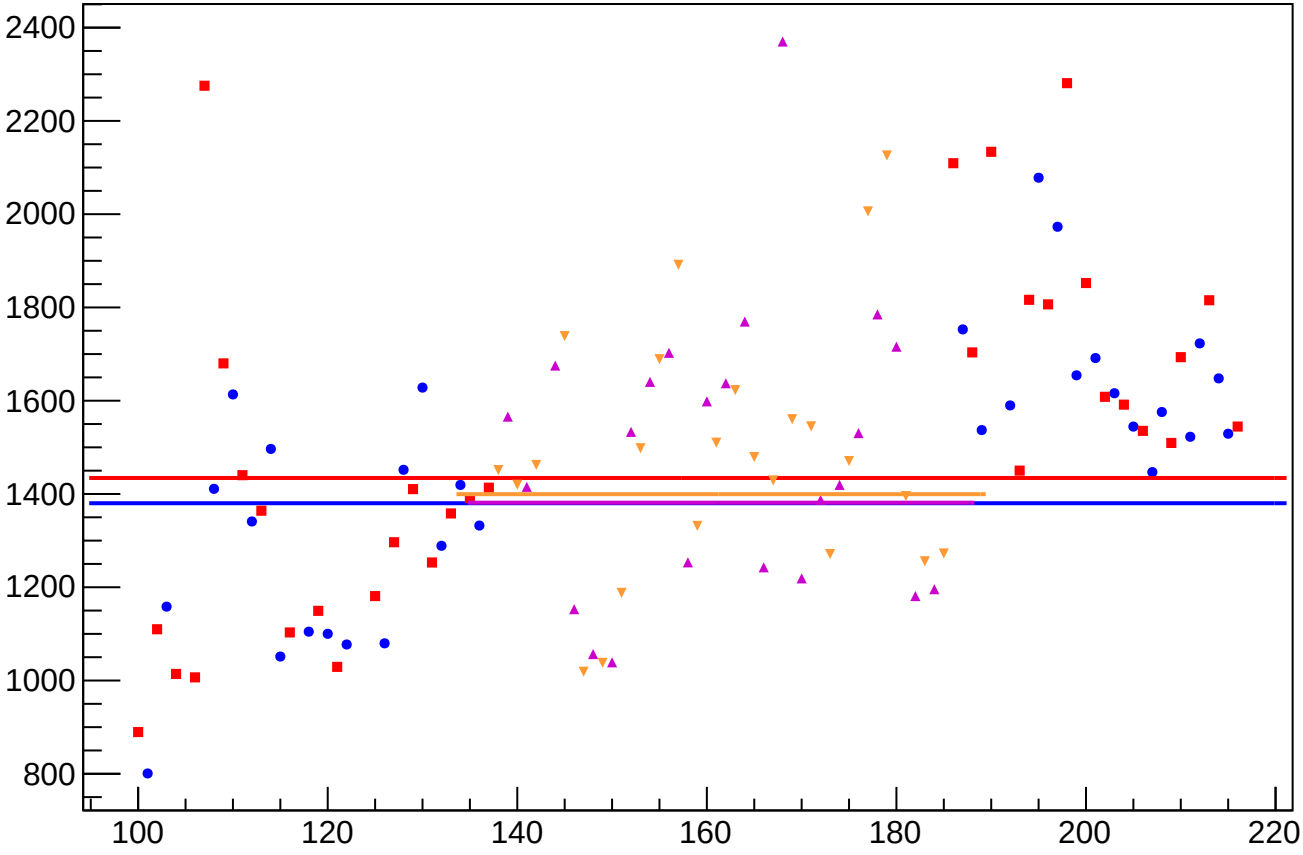
Left In: -10.093+/-337.810 χ^2/NDF:14.2/22

\+ sign -46.669+/-241.024 χ^2/NDF: 63.9/54

All: 82.418+/-171.380 χ^2/NDF: 119.9/110

\- sign 214.426+/-243.735 χ^2/NDF: 55.4/55

asym_us_avg_correction_rms vs Slug



Right In: 1380.179+/-0.241 χ^2/NDF: 1618725.0/30

Left Out: 1399.587+/-0.241 χ^2/NDF:1119125.1/23

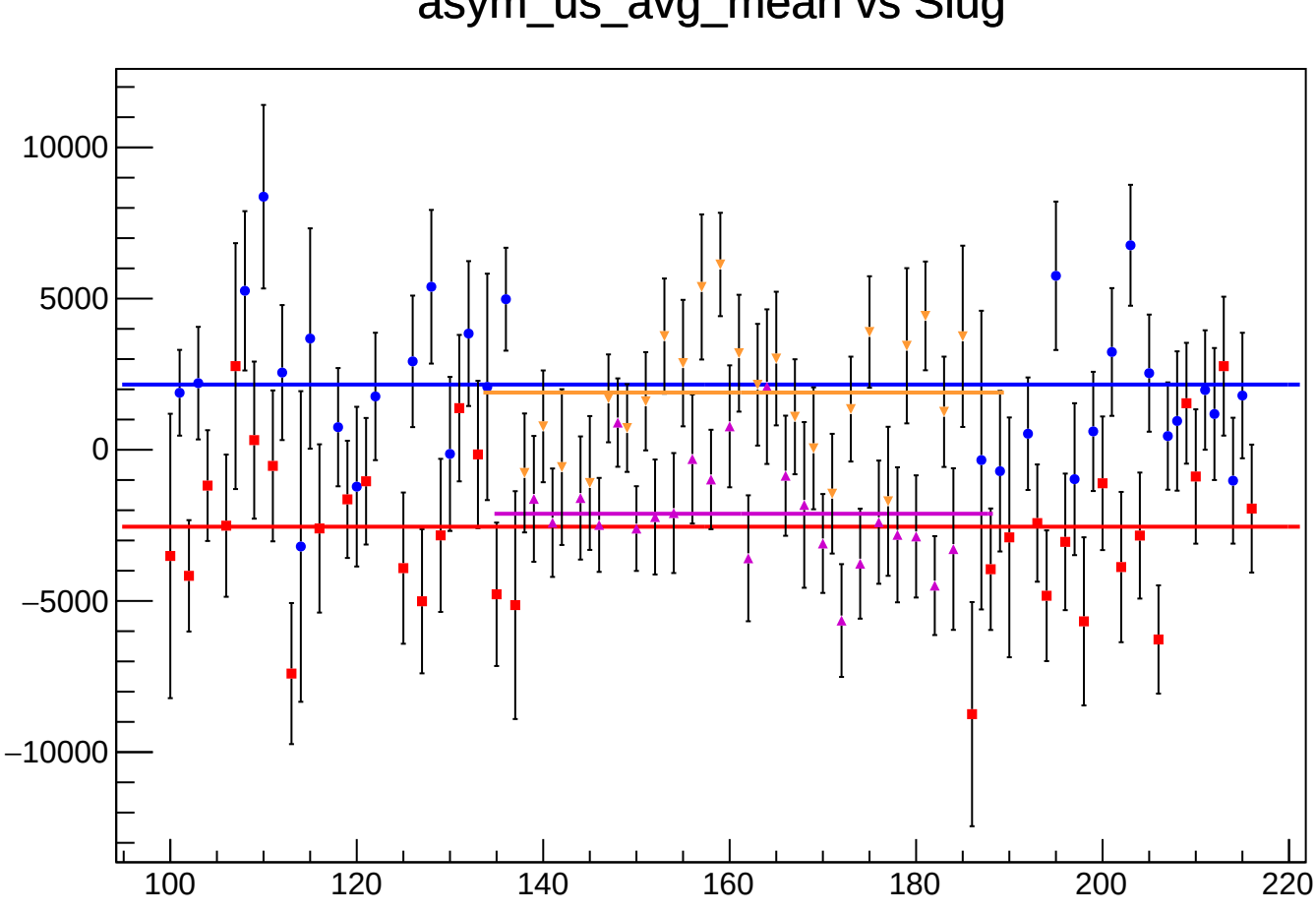
Right Out: 1434.319+/-0.249 χ^2/NDF: 1598715.2/32

Left In: 1381.359+/-0.239 χ^2/NDF:1276488.2/22

+ sign 1389.909+/-0.170 χ^2/NDF: 2741092.1/54

All: 1398.235+/-0.121 χ^2/NDF: 5644689.1/11

- sign 1406.749+/-0.172 χ^2/NDF: 2898770.4/55



Right In: 2157.974+/-397.734 χ^2/NDF: 30.8/30

Left Out: 1893.469+/-394.877 χ^2/NDF:25.9/23

Right Out: -2544.613+/-406.935 χ^2/NDF: 37.3/32

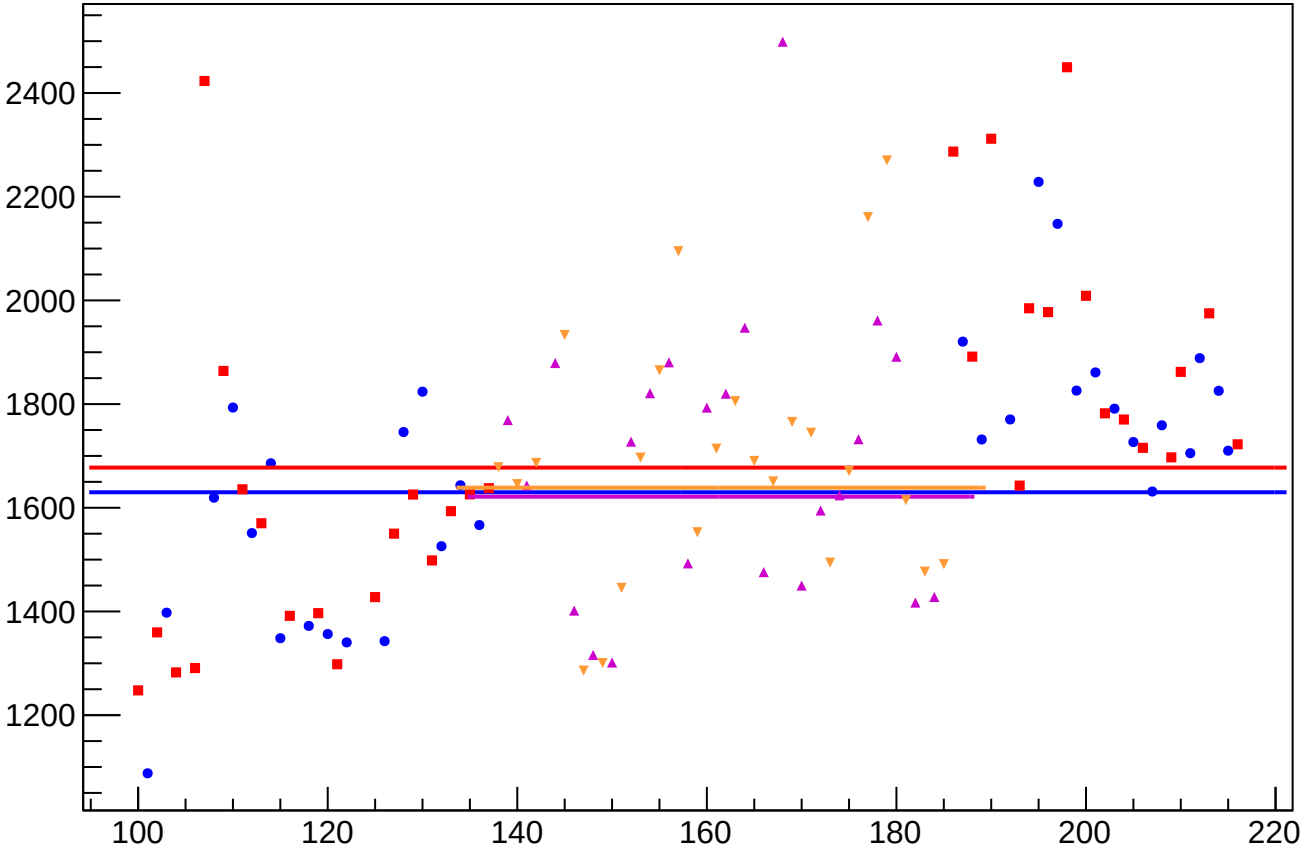
Left In: -2116.114+/-392.997 χ^2/NDF:18.8/22

+ sign 2024.768+/-280.225 χ^2/NDF: 56.9/54

All: -130.027+/-199.015 χ^2/NDF: 232.9/110

- sign -2322.899+/-282.690 χ^2/NDF: 56.7/55

asym_us_avg_rms vs Slug



Right In: 1629.919+/-0.281 χ^2/NDF: 839657.7/30

Left Out: 1638.806+/-0.279 χ^2/NDF:671906.6/23

Right Out: 1677.503+/-0.288 χ^2/NDF: 935818.8/32

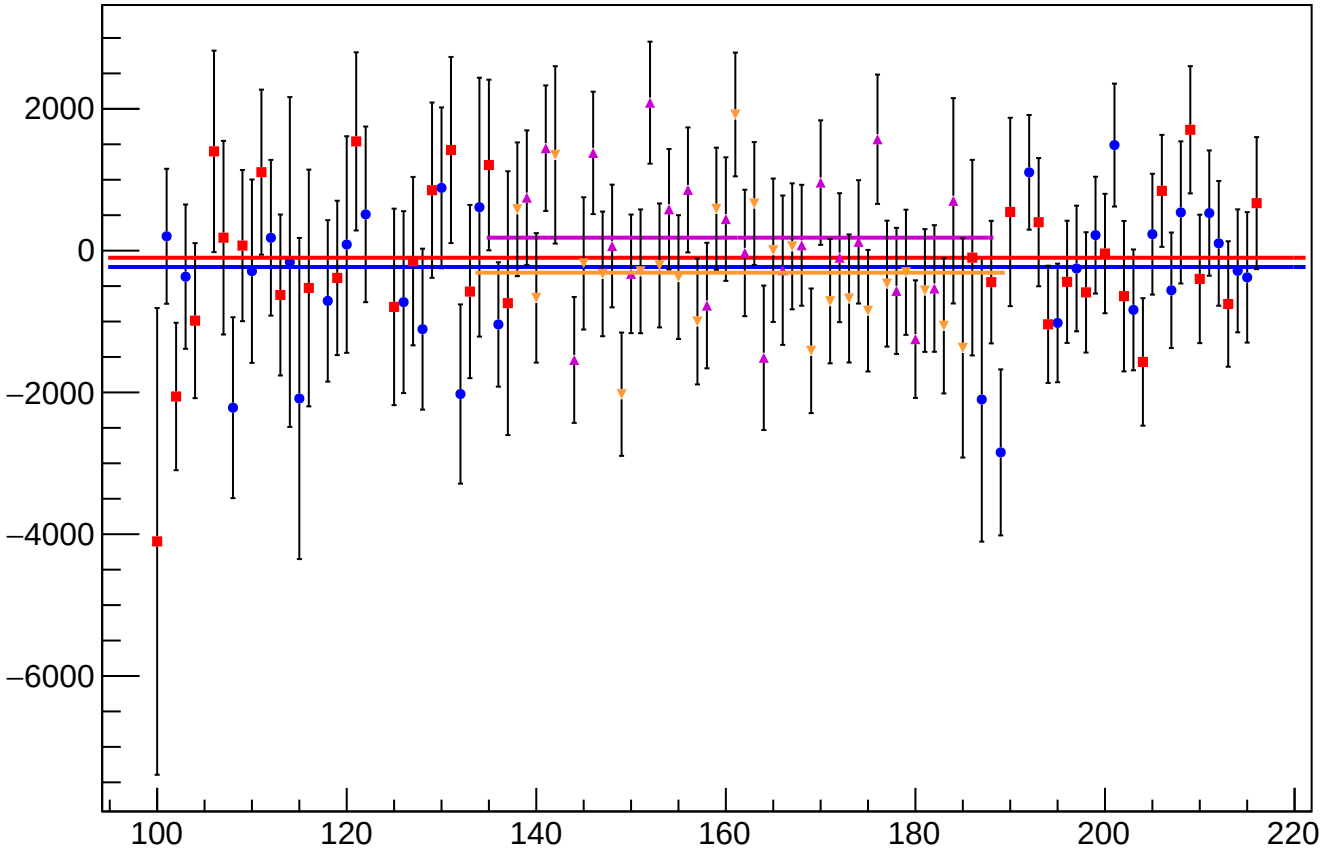
Left In: 1621.417+/-0.278 χ^2/NDF:775310.1/22

+ sign 1634.395+/-0.198 χ^2/NDF: 1512067.3/54

All: 1641.377+/-0.141 χ^2/NDF: 3245359.3/11

- sign 1648.483+/-0.200 χ^2/NDF: 1730786.5/55

reg_asym_us_dd_mean vs Slug



Right In: -230.629+/-185.445 χ^2/NDF: 25.0/30

Left Out: -310.563+/-186.538 χ^2/NDF:20.0/23

Right Out: -100.200+/-185.370 χ^2/NDF: 25.8/32

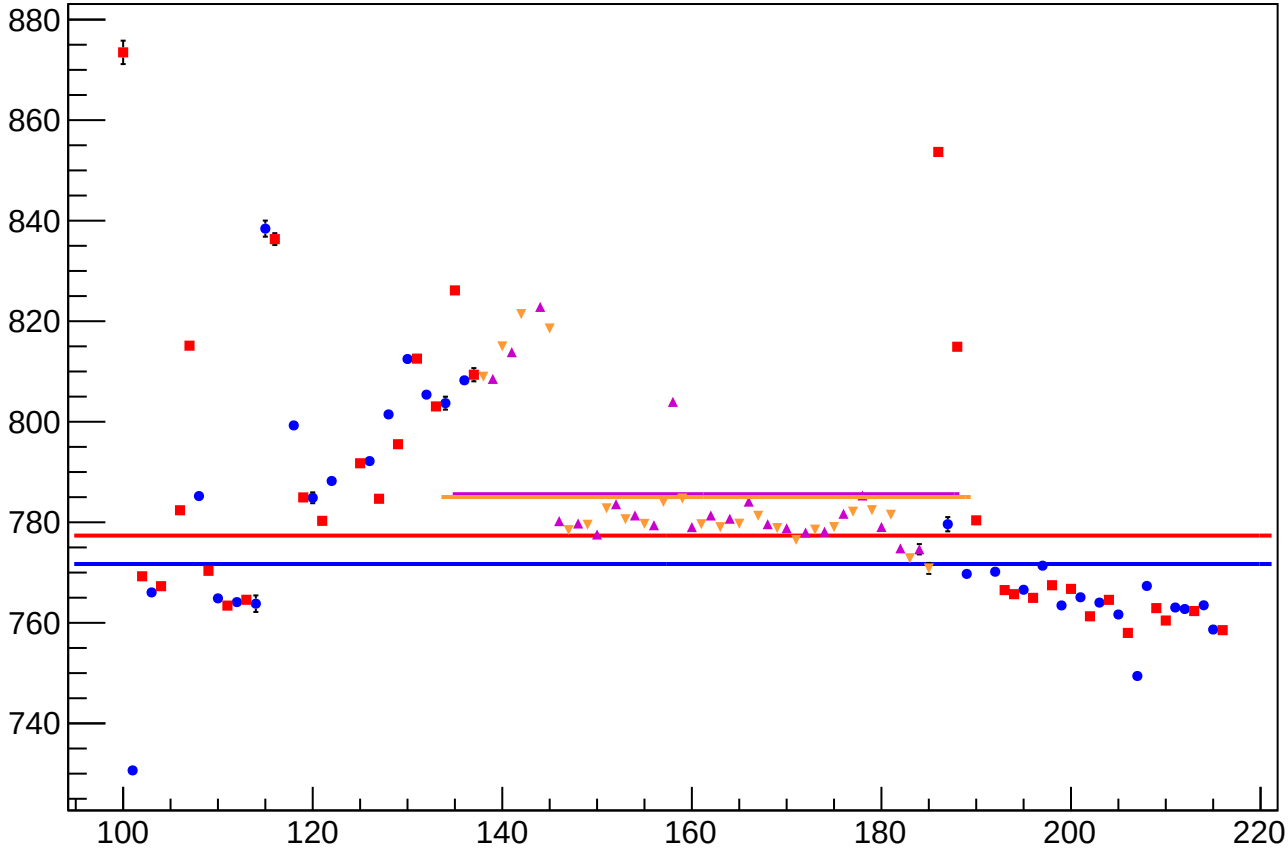
Left In: 182.895+/-187.817 χ^2/NDF:26.1/22

+ sign -270.361+/-131.514 χ^2/NDF: 45.1/54

All: -115.928+/-93.142 χ^2/NDF: 101.0/110

- sign 39.491+/-131.933 χ^2/NDF: 53.1/55

reg_asym_us_dd_rms vs Slug



Right In: 771.703+/-0.131 χ^2/NDF: 20950.7/30

Left Out: 785.031+/-0.132 χ^2/NDF:9367.9/23

Right Out: 777.356+/-0.131 χ^2/NDF: 29970.3/32

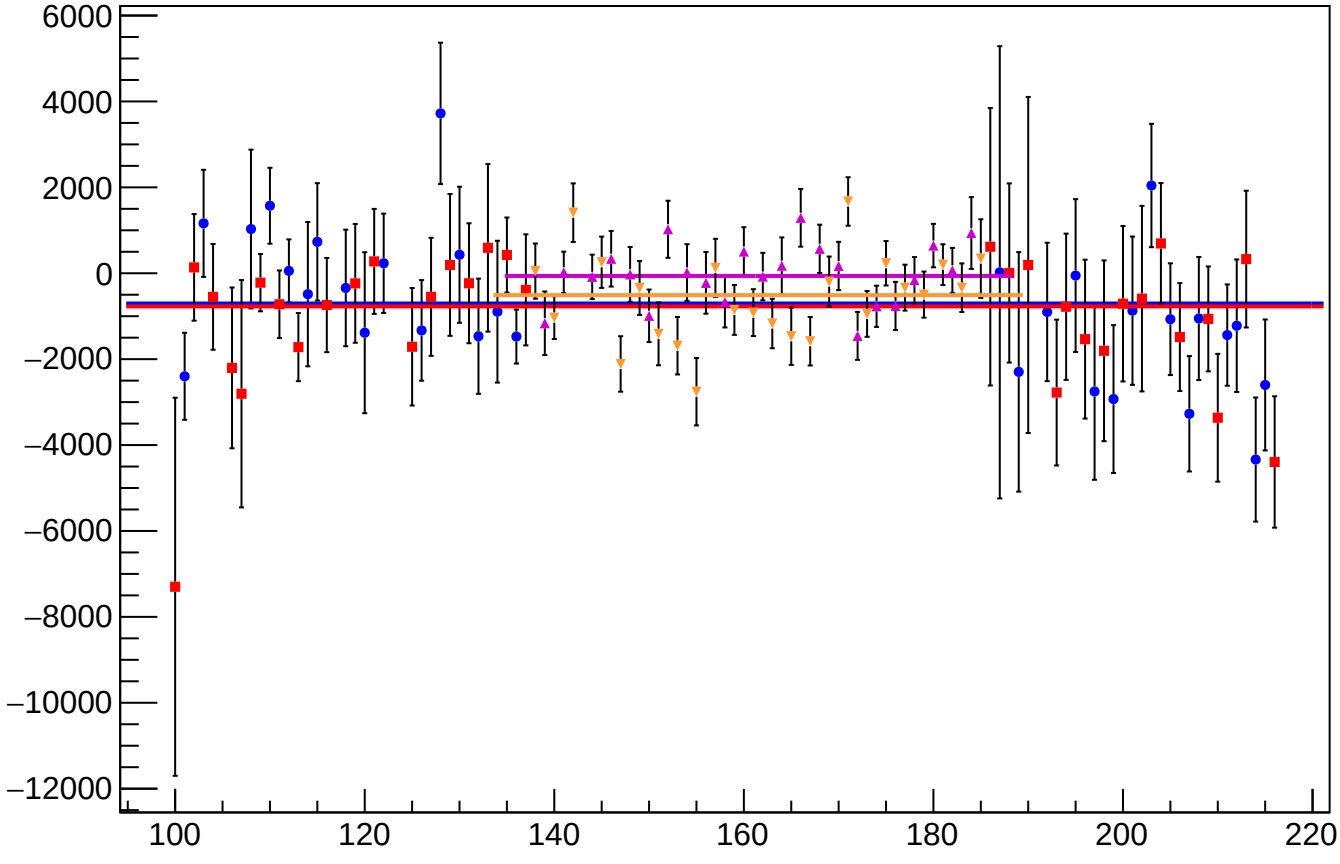
Left In: 785.592+/-0.133 χ^2/NDF:9373.7/22

+ sign 778.328+/-0.093 χ^2/NDF: 35453.5/54

All: 779.869+/-0.066 χ^2/NDF: 77296.8/110

- sign 781.420+/-0.093 χ^2/NDF: 41292.1/55

asym_us_dd_correction_mean vs Slug



Right In: -704.412+/-233.056 χ^2/NDF: 44.5/30

Left Out: -509.311+/-121.190 χ^2/NDF:60.5/23

Right Out: -771.111+/-231.927 χ^2/NDF: 23.2/32

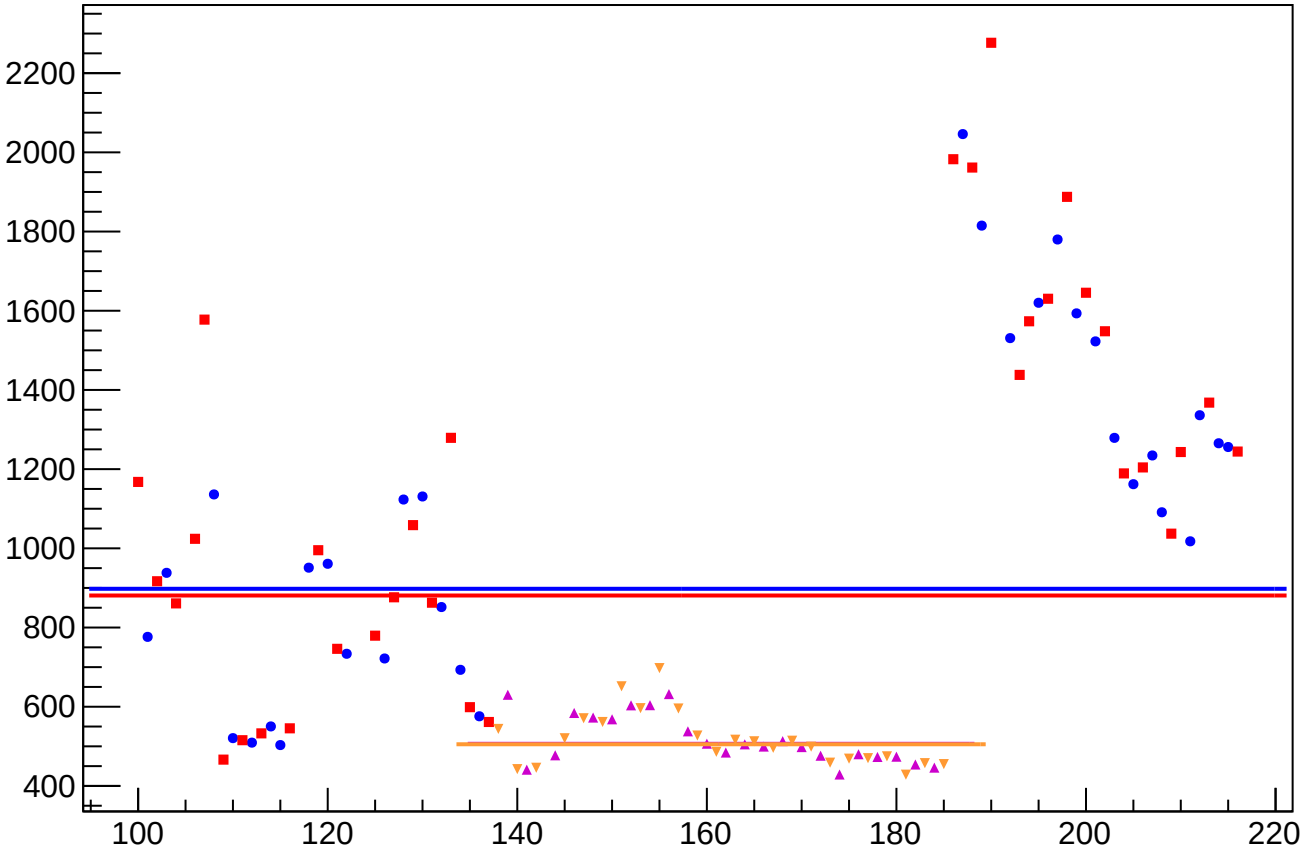
Left In: -62.768+/-122.045 χ^2/NDF:28.8/22

+ sign -550.838+/-107.522 χ^2/NDF: 105.5/54

All: -384.357+/-76.199 χ^2/NDF: 169.6/110

- sign -216.380+/-108.004 χ^2/NDF: 59.3/55

asym_us_dd_correction_rms vs Slug



Right In: 897.848+/-0.165 χ^2/NDF: 4686184.9/30

Left Out: 505.220+/-0.086 χ^2/NDF:485593.0/23

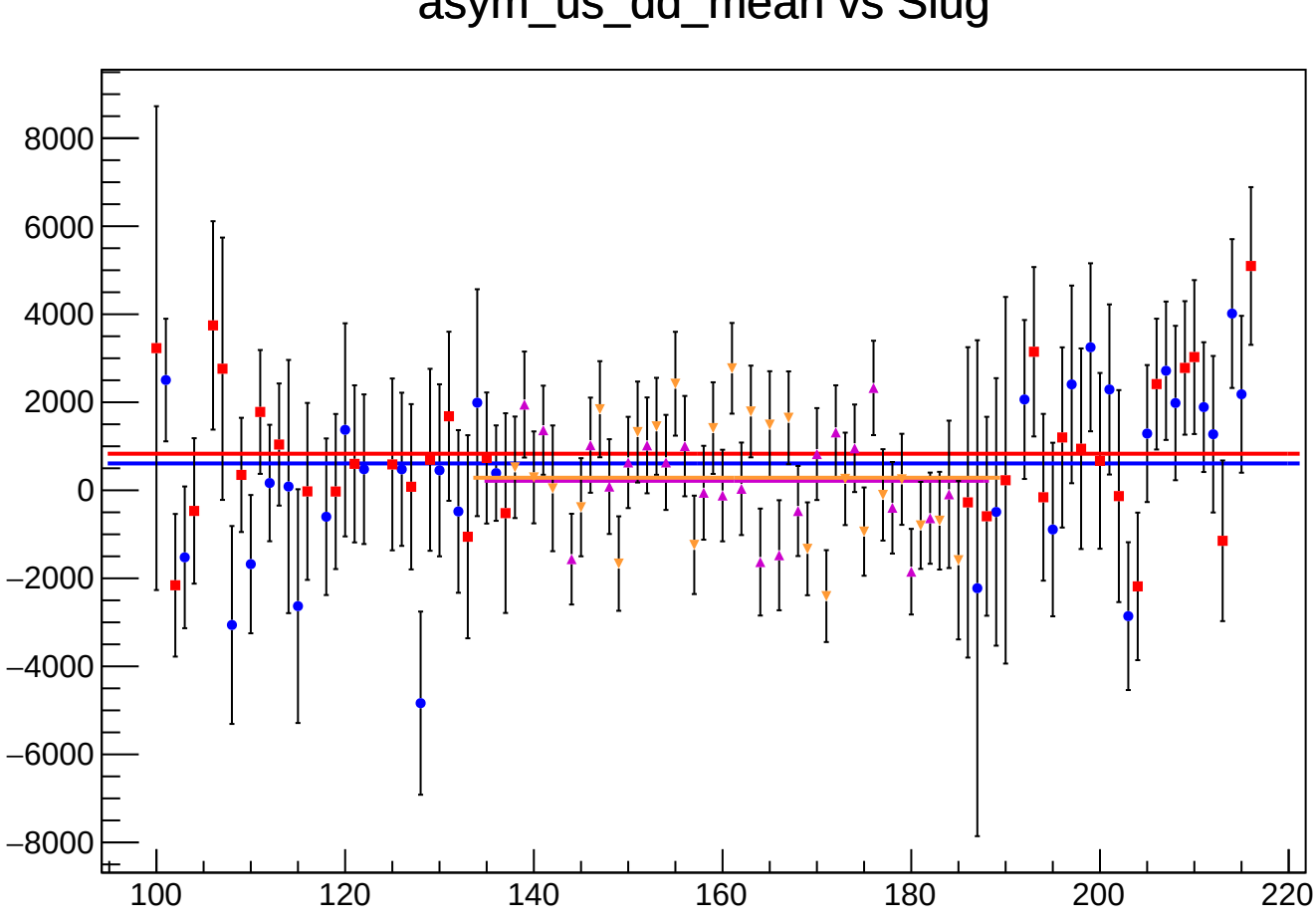
Right Out: 880.887+/-0.164 χ^2/NDF: 6009321.0/32

Left In: 506.380+/-0.086 χ^2/NDF:436294.4/22

+ sign 588.791+/-0.076 χ^2/NDF: 9639937.7/54

All: 588.196+/-0.054 χ^2/NDF: 20169696.3/11

- sign 587.596+/-0.076 χ^2/NDF: 10529635.7/55



Right In: 610.288+/-321.568 χ^2/NDF: 35.6/30

Left Out: 285.144+/-224.378 χ^2/NDF:38.3/23

Right Out: 831.106+/-326.561 χ^2/NDF: 25.5/32

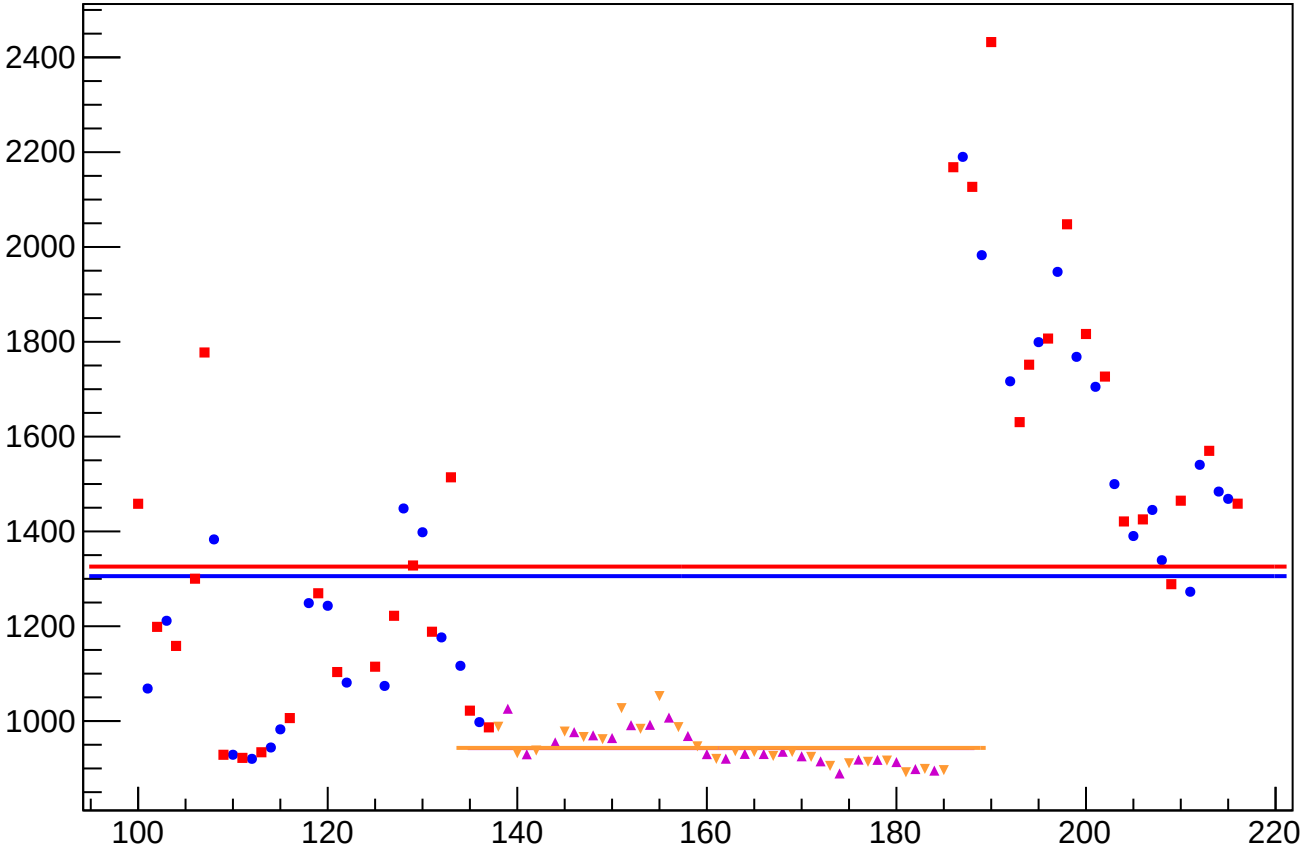
Left In: 216.121+/-225.600 χ^2/NDF:24.4/22

\+ sign 391.612+/-184.011 χ^2/NDF: 74.6/54

All: 403.107+/-130.678 χ^2/NDF: 126.9/110

\- sign 414.804+/-185.614 χ^2/NDF: 52.3/55

asym_us_dd_rms vs Slug



Right In: 1305.661+/-0.227 χ^2/NDF: 1550466.3/30

Left Out: 943.351+/-0.159 χ^2/NDF:60365.2/23

Right Out: 1325.817+/-0.231 χ^2/NDF: 2077307.8/32

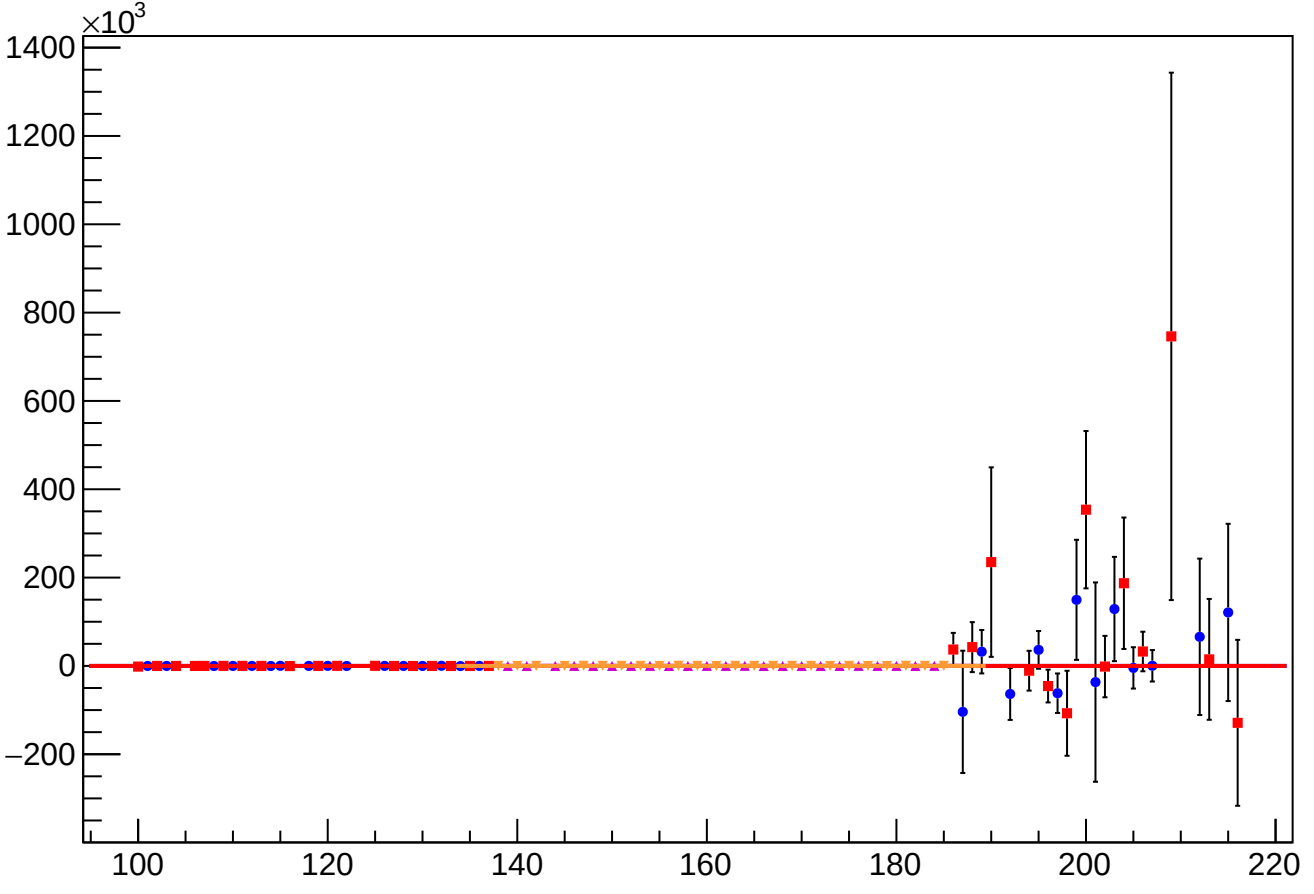
Left In: 942.927+/-0.160 χ^2/NDF:48402.9/22

+ sign 1061.988+/-0.130 χ^2/NDF: 3318380.7/54

All: 1064.287+/-0.092 χ^2/NDF: 7305936.1/11

- sign 1066.627+/-0.131 χ^2/NDF: 3986925.4/55

reg_asym_ds_avg_mean vs Slug



Right In: -15.553+/-30.032 χ^2/NDF: 23.7/27

Left Out: 3.710+/-21.467 χ^2/NDF:22.4/23

Right Out: -31.727+/-30.492 χ^2/NDF: 30.4/30

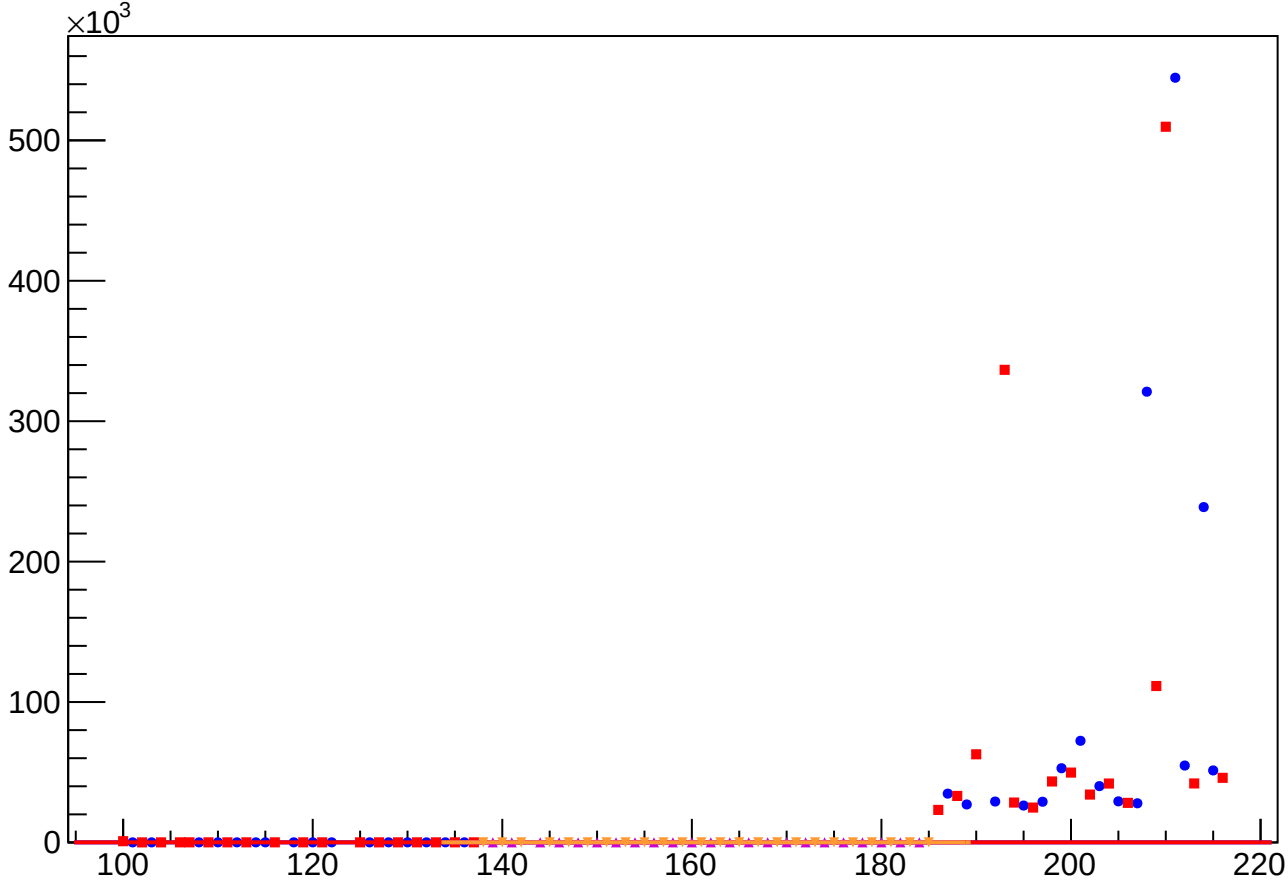
Left In: 22.931+/-21.584 χ^2/NDF:22.5/22

+ sign -2.804+/-17.464 χ^2/NDF: 46.4/51

All: 0.908+/-12.403 χ^2/NDF: 101.6/105

- sign 4.685+/-17.617 χ^2/NDF: 55.1/53

reg_asym_ds_avg_rms vs Slug



Right In: 76.142+/-0.021 χ^2/NDF: 6711465.2/30

Left Out: 89.692+/-0.015 χ^2/NDF:466281.5/23

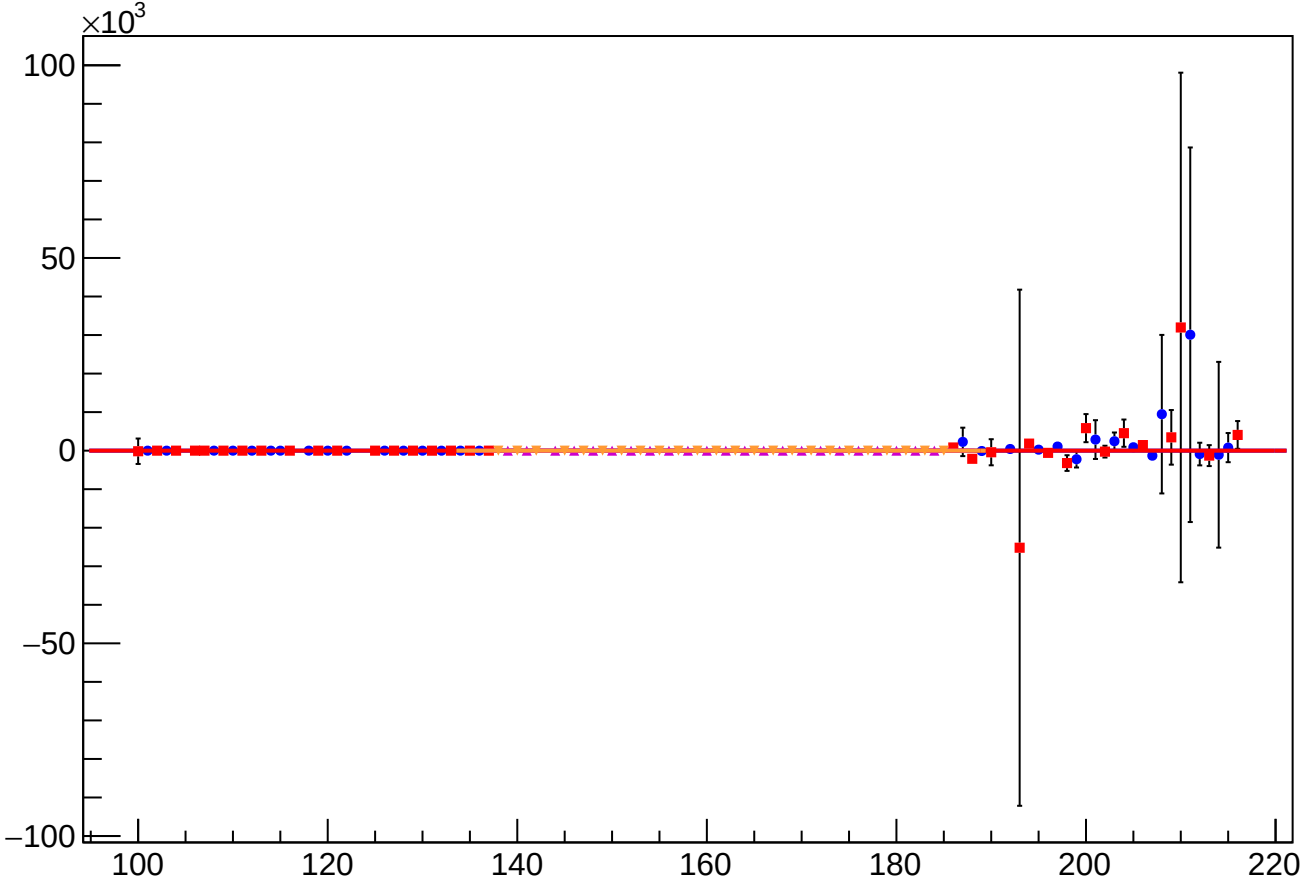
Right Out: 79.459+/-0.022 χ^2/NDF: 6321806.1/32

Left In: 89.596+/-0.015 χ^2/NDF:508511.1/22

+ sign 85.110+/-0.012 χ^2/NDF: 7447219.8/54

All: 85.656+/-0.009 χ^2/NDF: 14428723.5/110

- sign 86.212+/-0.012 χ^2/NDF: 6977556.7/55



Right In: -0.290+/-0.502 χ^2/NDF: 31.6/30

Left Out: 0.126+/-0.377 χ^2/NDF:21.3/23

Right Out: -0.038+/-0.525 χ^2/NDF: 31.0/32

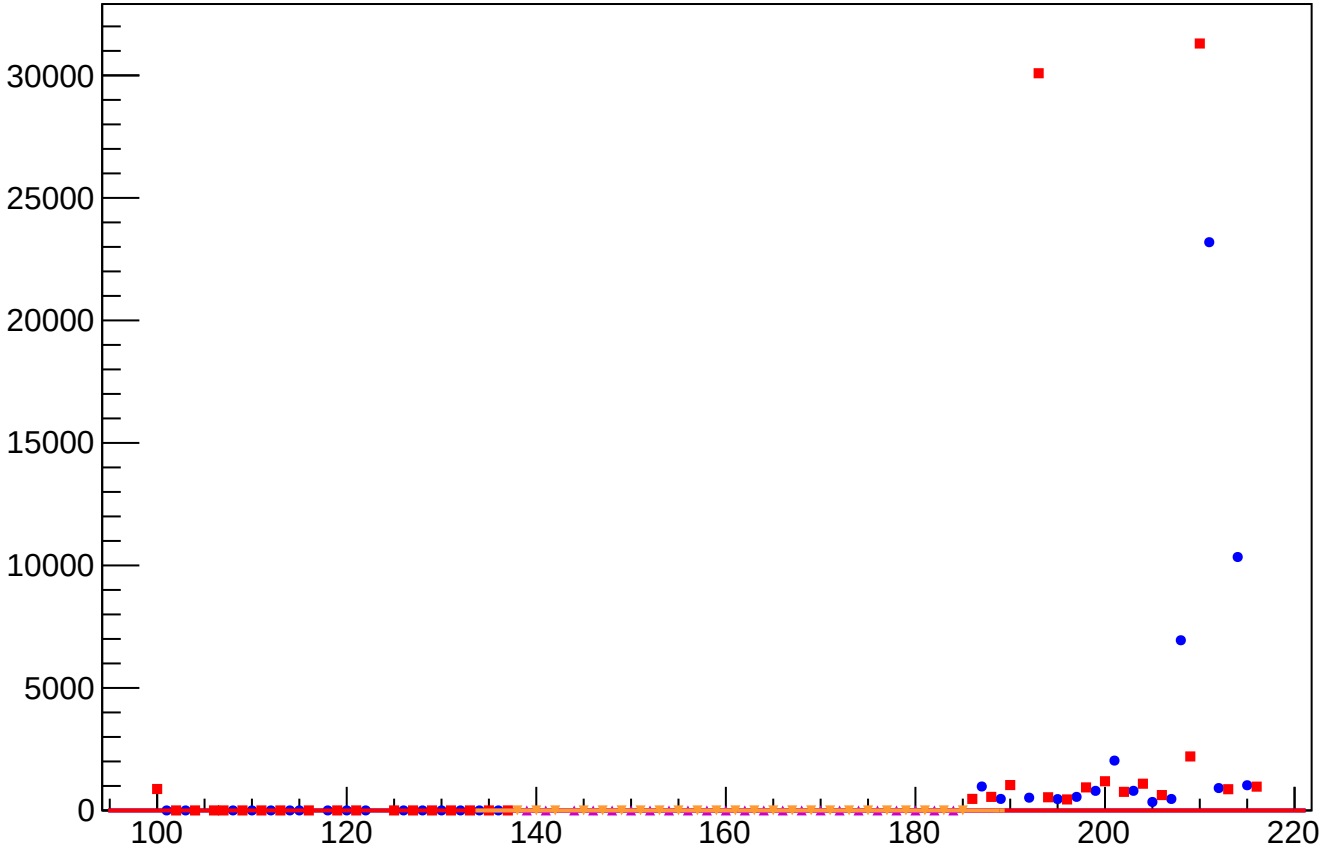
Left In: 0.519+/-0.387 χ^2/NDF:26.3/22

+ sign -0.024+/-0.301 χ^2/NDF: 53.4/54

All: 0.144+/-0.217 χ^2/NDF: 112.0/110

- sign 0.323+/-0.312 χ^2/NDF: 58.1/55

asym_ds_avg_correction_rms vs Slug



Right In: 1.153+/-0.000 χ^2/NDF: 6718375.7/30

Left Out: 1.408+/-0.000 χ^2/NDF:987553.0/23

Right Out: 1.260+/-0.000 χ^2/NDF: 6962021.4/32

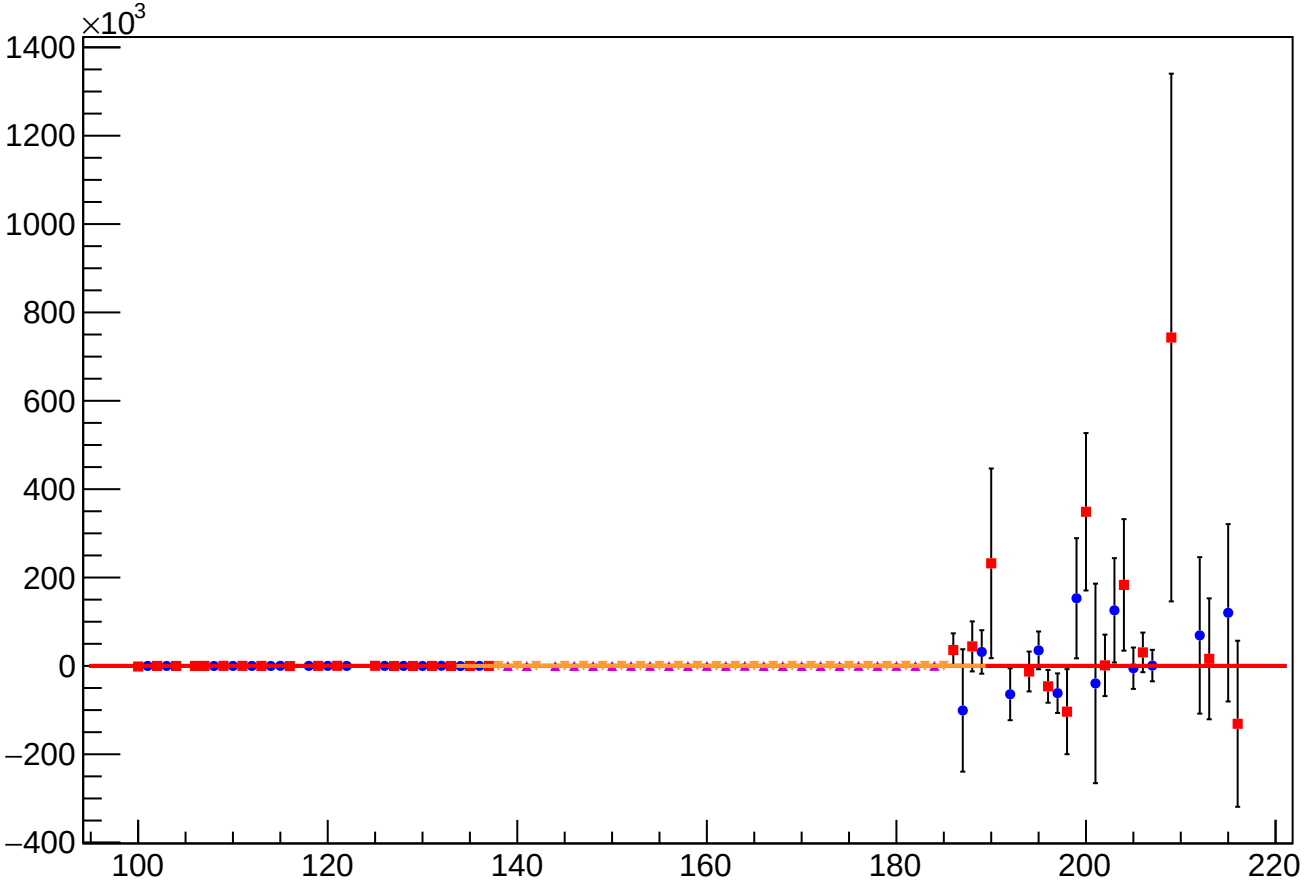
Left In: 1.453+/-0.000 χ^2/NDF:995852.2/22

+ sign 1.316+/-0.000 χ^2/NDF: 8036473.3/54

All: 1.350+/-0.000 χ^2/NDF: 16219949.2/110

- sign 1.385+/-0.000 χ^2/NDF: 8132861.1/55

asym_ds_avg_mean vs Slug



Right In: -14.489+/-30.040 χ^2/NDF: 23.9/27

Left Out: 3.497+/-21.474 χ^2/NDF:22.1/23

Right Out: -32.008+/-30.500 χ^2/NDF: 30.1/30

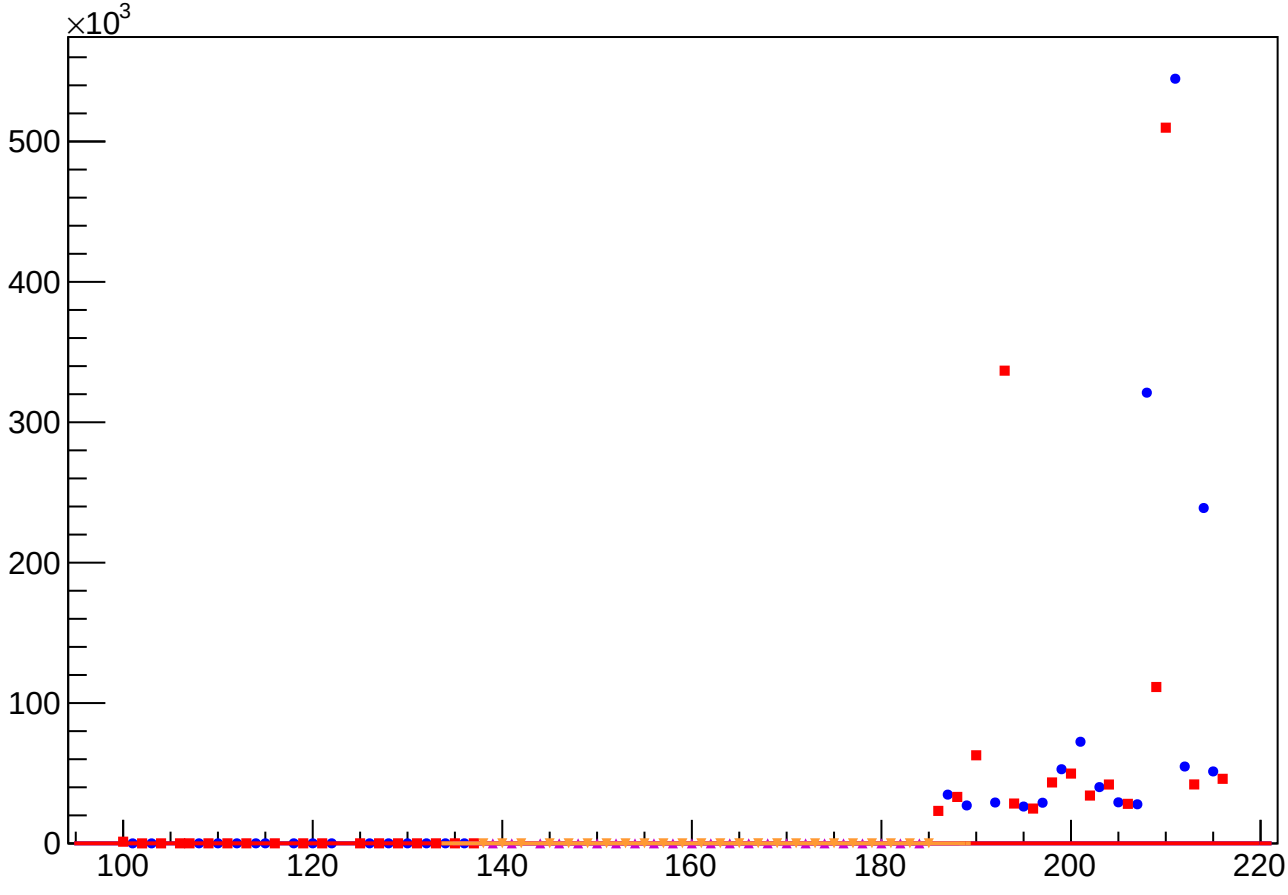
Left In: 22.446+/-21.591 χ^2/NDF:22.3/22

+ sign -2.586+/-17.470 χ^2/NDF: 46.2/51

All: 0.811+/-12.407 χ^2/NDF: 100.9/105

- sign 4.267+/-17.623 χ^2/NDF: 54.6/53

asym_ds_avg_rms vs Slug



Right In: 76.161+/-0.021 χ^2/NDF: 6711571.8/30

Left Out: 89.719+/-0.015 χ^2/NDF:467023.5/23

Right Out: 79.463+/-0.022 χ^2/NDF: 6328421.3/32

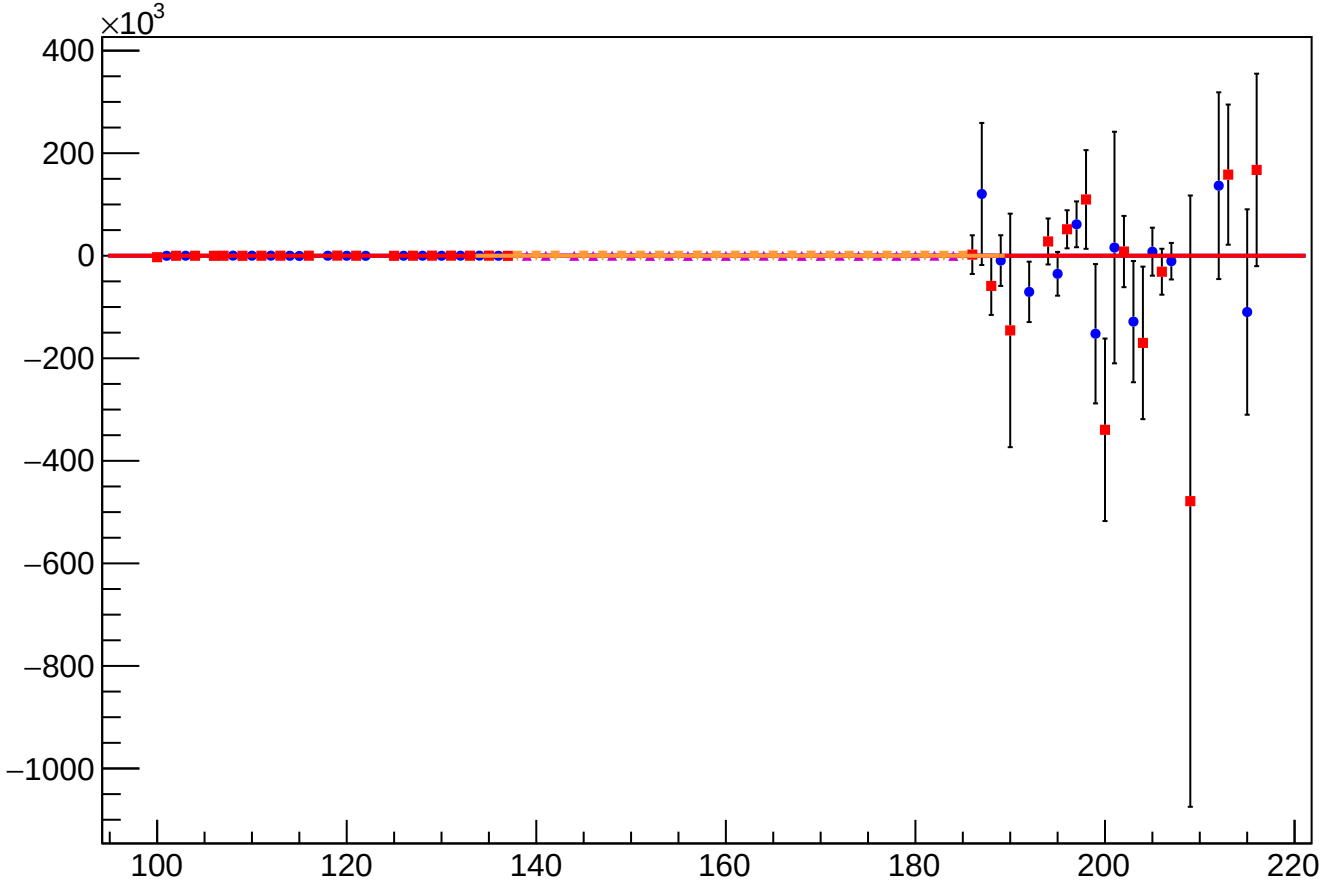
Left In: 89.622+/-0.015 χ^2/NDF:509391.8/22

+ sign 85.134+/-0.012 χ^2/NDF: 7448196.0/54

All: 85.677+/-0.009 χ^2/NDF: 14437745.1/110

- sign 86.231+/-0.012 χ^2/NDF: 6985642.9/55

reg_asym_ds_dd_mean vs Slug



Right In: 8.089+/-30.012 χ^2/NDF: 22.2/27

Left Out: 15.274+/-21.472 χ^2/NDF:17.2/23

Right Out: 25.796+/-30.473 χ^2/NDF: 26.1/30

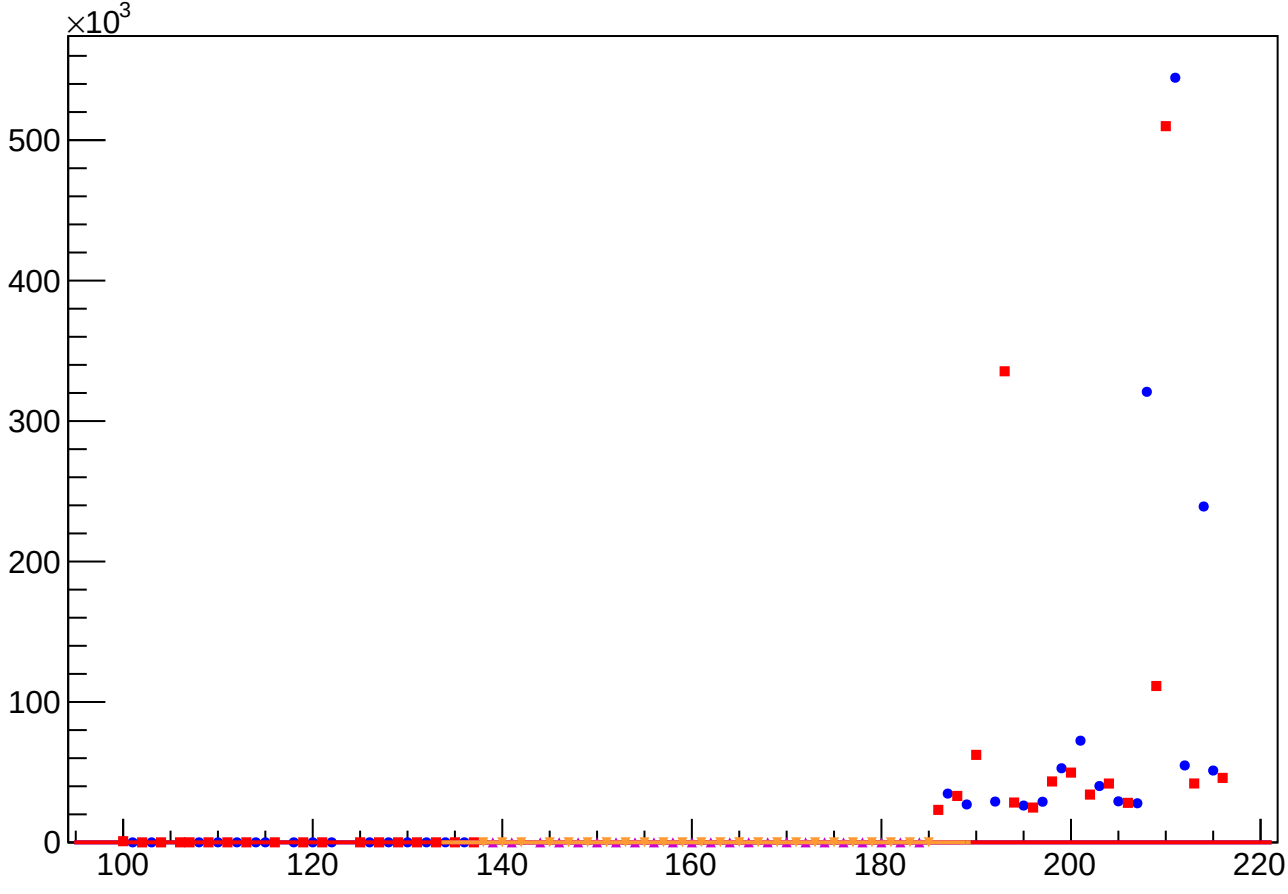
Left In: -43.424+/-21.593 χ^2/NDF:31.4/22

+ sign 12.841+/-17.463 χ^2/NDF: 39.4/51

All: -3.575+/-12.403 χ^2/NDF: 102.2/105

- sign -20.285+/-17.618 χ^2/NDF: 61.0/53

reg_asym_ds_dd_rms vs Slug



Right In: 76.092+/-0.021 χ^2/NDF: 6710880.8/30

Left Out: 89.712+/-0.015 χ^2/NDF:465096.2/23

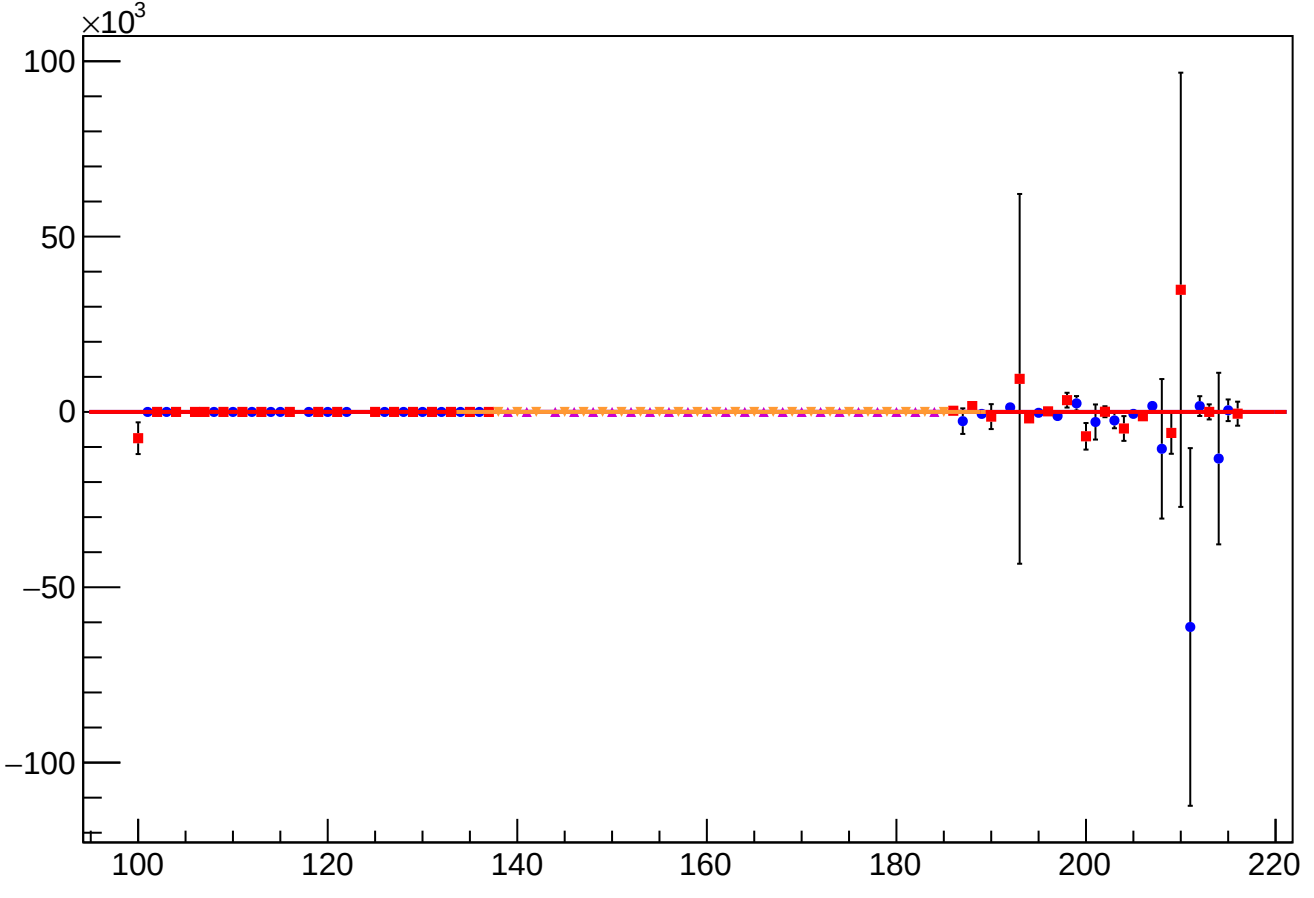
Right Out: 79.411+/-0.022 χ^2/NDF: 6320989.9/32

Left In: 89.628+/-0.015 χ^2/NDF:511042.3/22

+ sign 85.101+/-0.012 χ^2/NDF: 7448408.7/54

All: 85.652+/-0.009 χ^2/NDF: 14434133.3/110

- sign 86.212+/-0.012 χ^2/NDF: 6981709.4/55



Right In: 0.893+/-0.531 χ^2/NDF: 27.8/30

Left Out: -0.516+/-0.391 χ^2/NDF:20.7/23

Right Out: -0.348+/-0.549 χ^2/NDF: 32.0/32

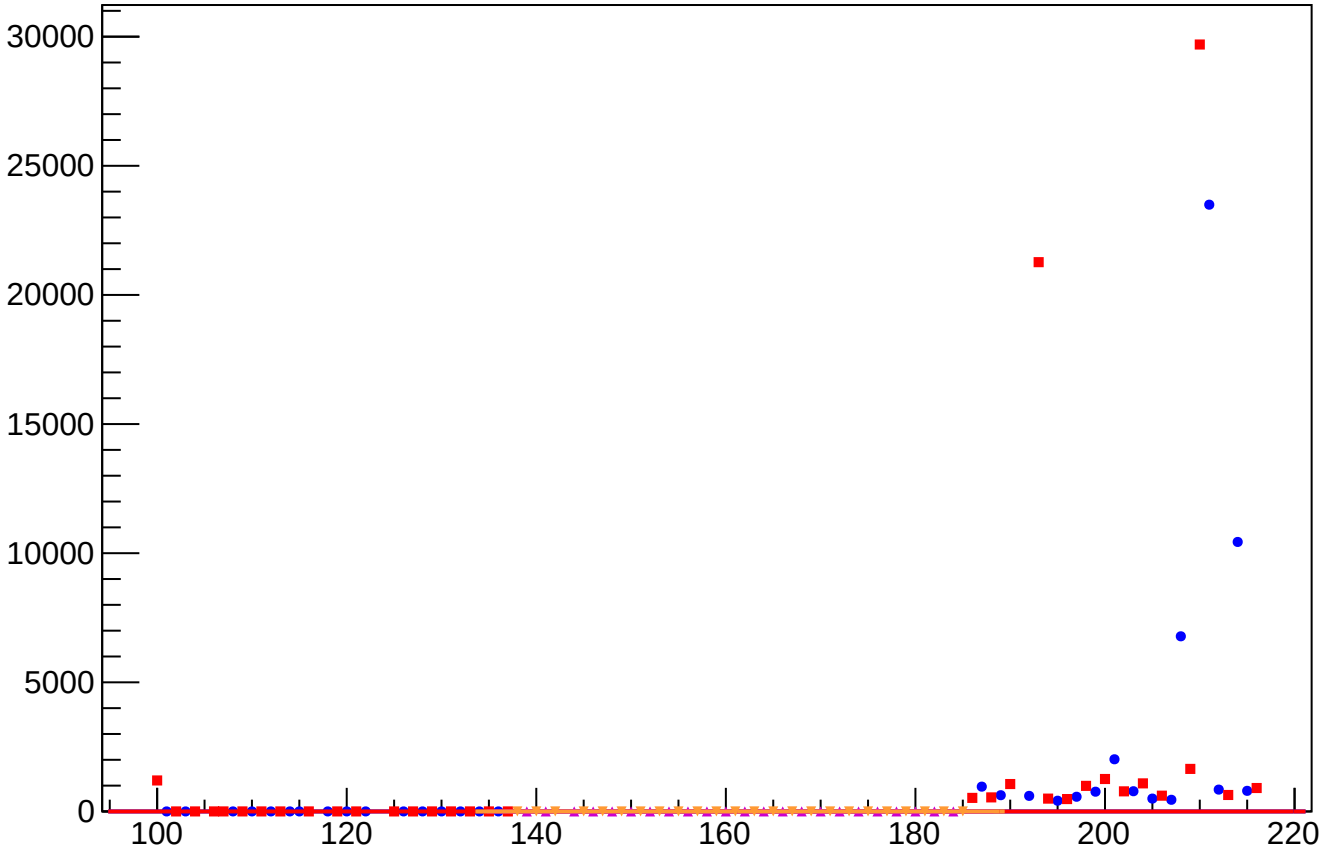
Left In: 0.072+/-0.390 χ^2/NDF:20.4/22

+ sign -0.021+/-0.315 χ^2/NDF: 53.1/54

All: -0.045+/-0.224 χ^2/NDF: 105.9/110

- sign -0.069+/-0.318 χ^2/NDF: 52.8/55

asym_ds_dd_correction_rms vs Slug



Right In: 1.234+/-0.000 χ^2/NDF: 6947134.4/30

Left Out: 1.470+/-0.000 χ^2/NDF:1154842.2/23

Right Out: 1.317+/-0.000 χ^2/NDF: 6851156.7/32

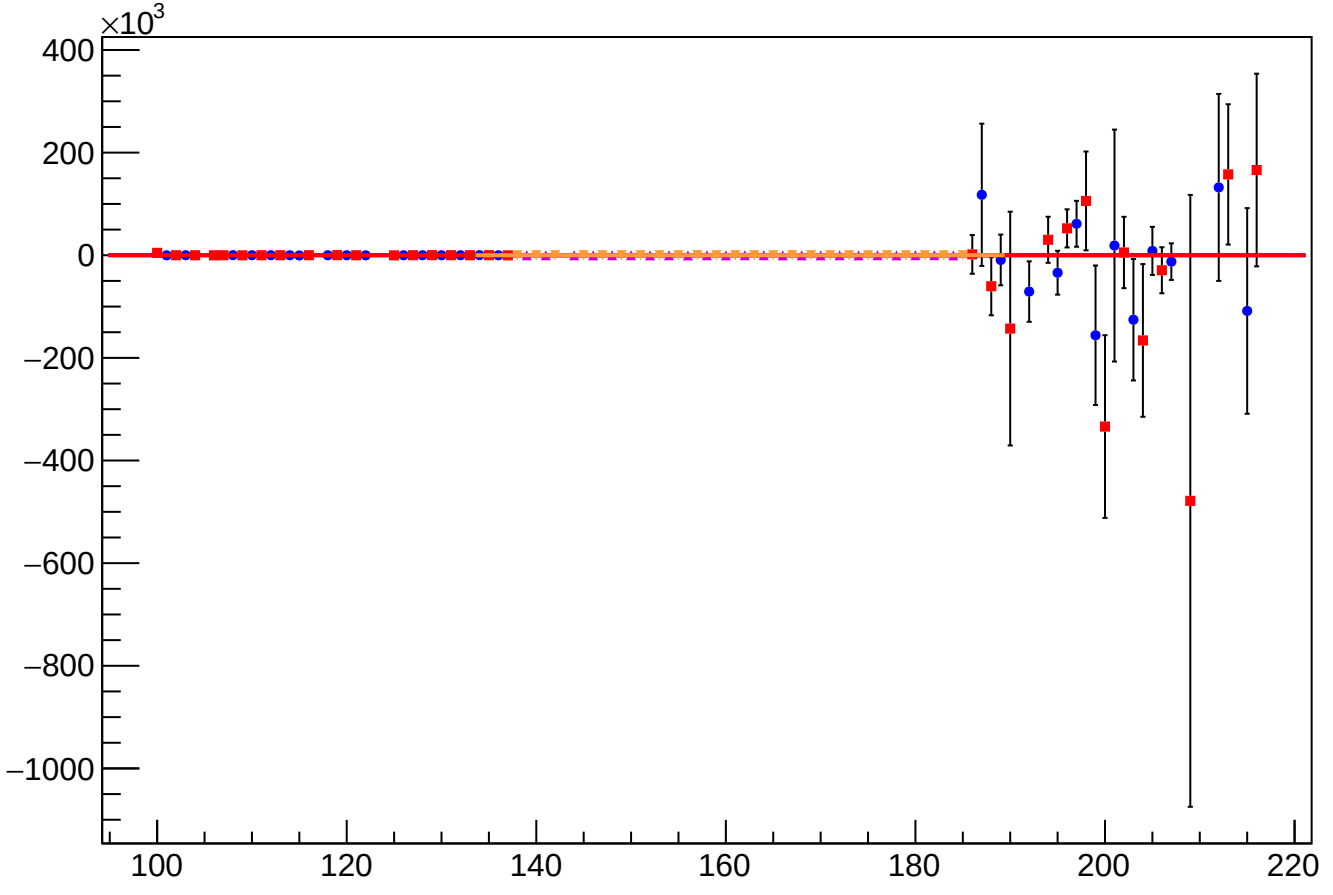
Left In: 1.461+/-0.000 χ^2/NDF:1048537.6/22

\+ sign 1.387+/-0.000 χ^2/NDF: 8357722.8/54

All: 1.400+/-0.000 χ^2/NDF: 16355719.9/110

\- sign 1.413+/-0.000 χ^2/NDF: 7991690.4/55

asym_ds_dd_mean vs Slug



Right In: 7.381+/-30.020 χ^2/NDF: 22.1/27

Left Out: 15.770+/-21.479 χ^2/NDF:17.1/23

Right Out: 26.406+/-30.482 χ^2/NDF: 26.1/30

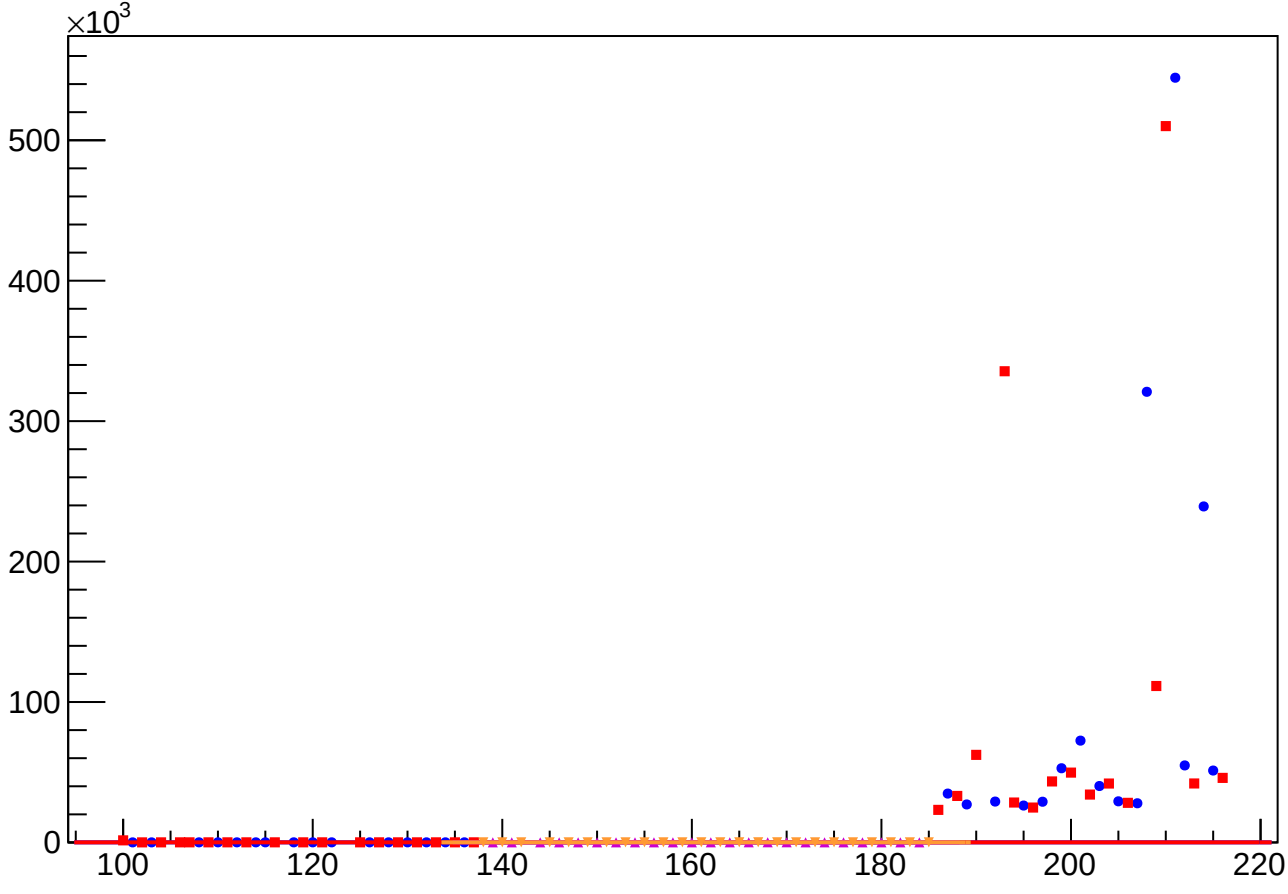
Left In: -43.905+/-21.600 χ^2/NDF:31.1/22

+ sign 12.930+/-17.468 χ^2/NDF: 39.2/51

All: -3.588+/-12.407 χ^2/NDF: 101.7/105

- sign -20.401+/-17.624 χ^2/NDF: 60.8/53

asym_ds_dd_rms vs Slug



Right In: 76.113+/-0.021 χ^2/NDF: 6711034.3/30

Left Out: 89.740+/-0.015 χ^2/NDF:465842.6/23

Right Out: 79.407+/-0.022 χ^2/NDF: 6330304.3/32

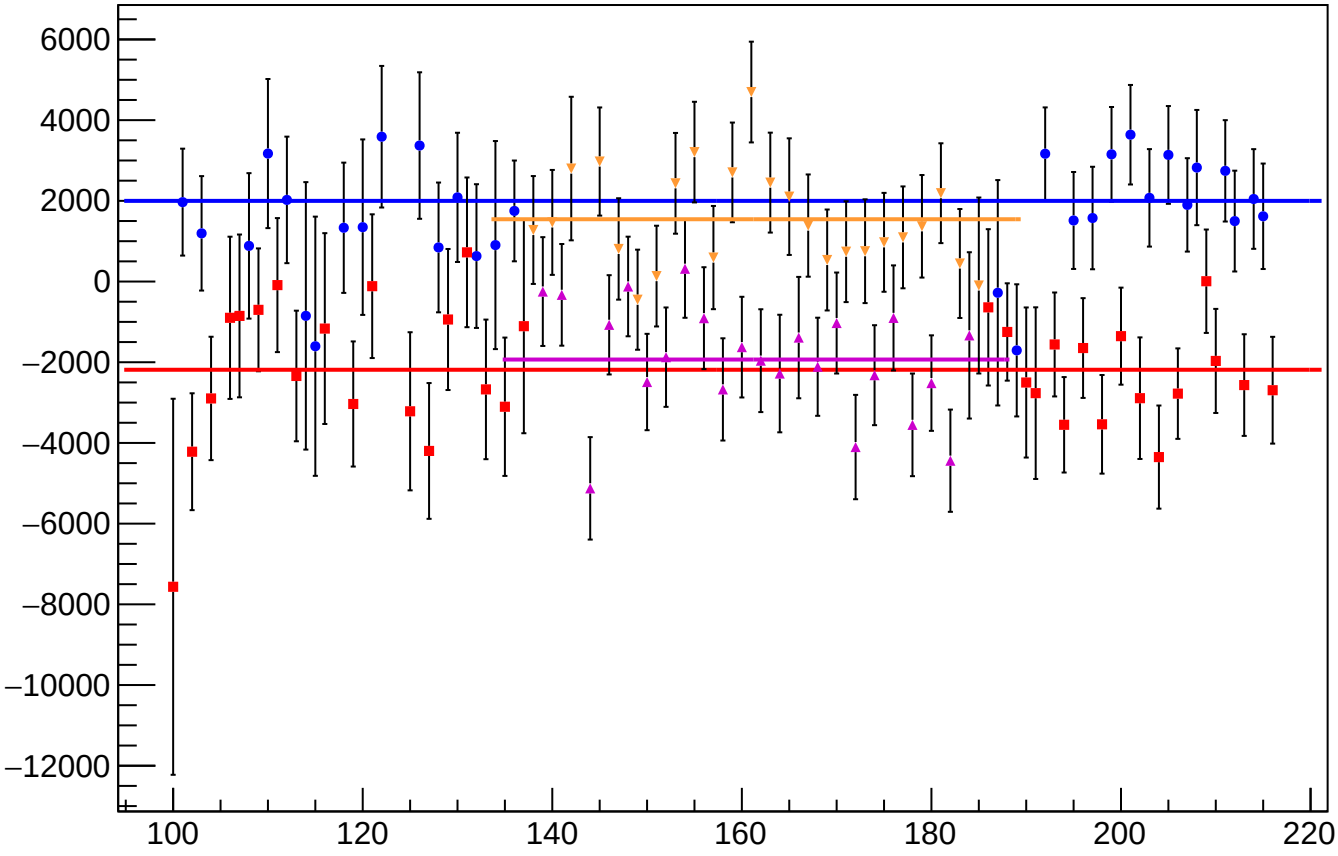
Left In: 89.655+/-0.015 χ^2/NDF:511848.9/22

+ sign 85.126+/-0.012 χ^2/NDF: 7449434.7/54

All: 85.673+/-0.009 χ^2/NDF: 14446012.2/110

- sign 86.229+/-0.012 χ^2/NDF: 6992624.1/55

reg_asym_usl_mean vs Slug



Right In: 1999.207+/-263.120 χ^2/NDF: 17.7/30

Left Out: 1544.102+/-266.270 χ^2/NDF:20.0/23

Right Out: -2186.347+/-261.410 χ^2/NDF: 25.3/33

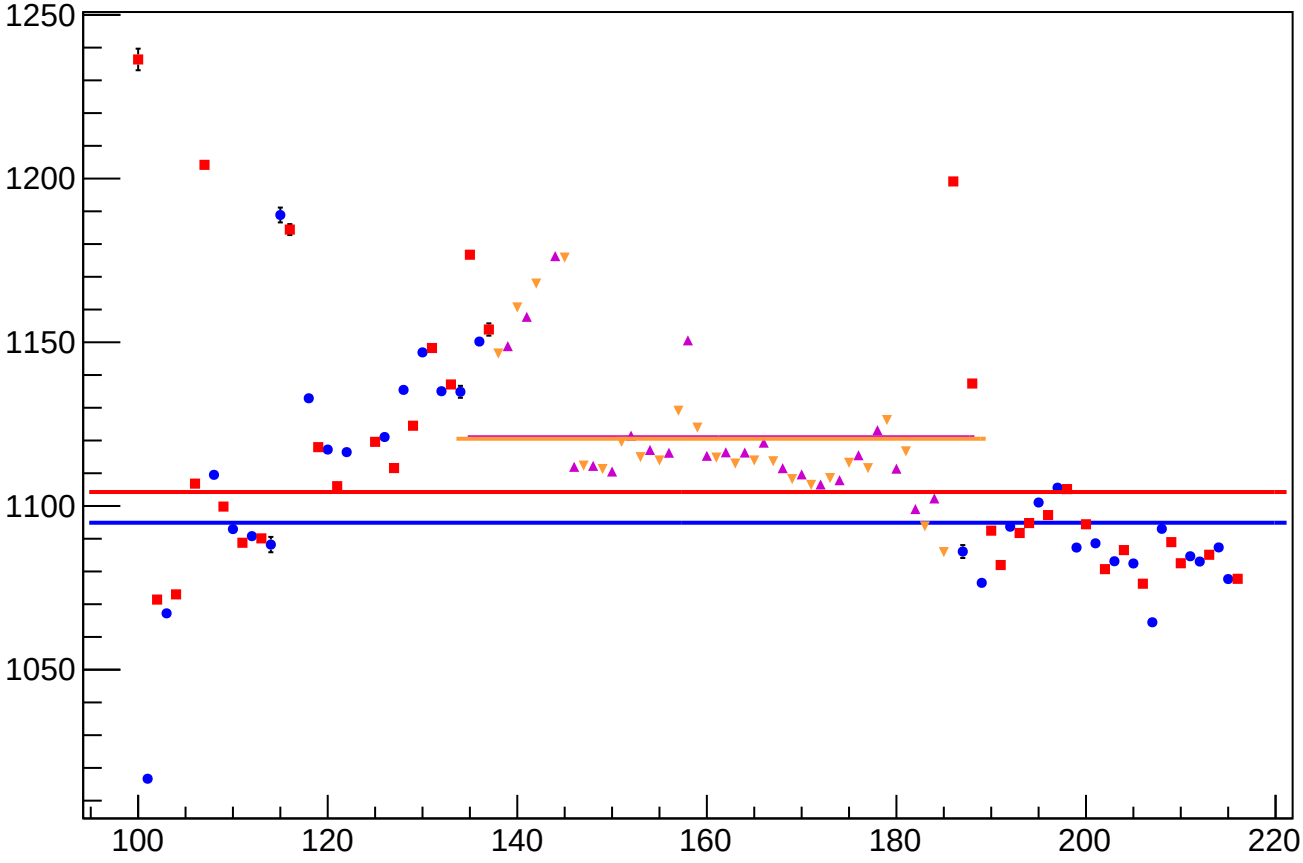
Left In: -1933.000+/-268.006 χ^2/NDF:27.0/22

+ sign 1774.362+/-187.158 χ^2/NDF: 39.2/54

All: -144.483+/-132.332 χ^2/NDF: 302.2/111

- sign -2062.829+/-187.133 χ^2/NDF: 52.8/56

reg_asym_usl_rms vs Slug



Right In: 1094.886+/-0.186 χ^2/NDF: 23565.1/30

Left Out: 1120.543+/-0.188 χ^2/NDF:10252.7/23

Right Out: 1104.266+/-0.185 χ^2/NDF: 29097.7/33

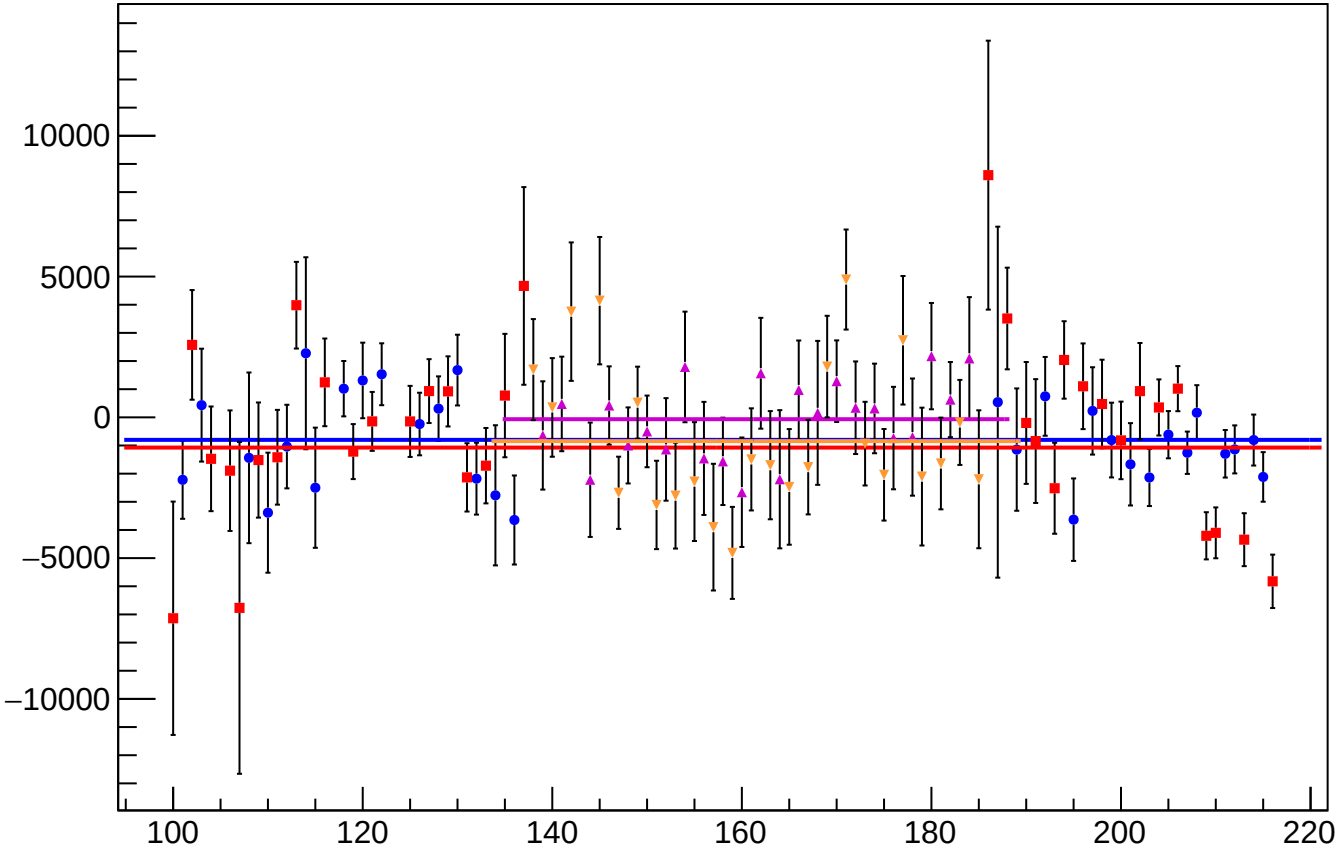
Left In: 1120.991+/-0.190 χ^2/NDF:9641.8/22

+ sign 1107.562+/-0.132 χ^2/NDF: 43212.8/54

All: 1109.991+/-0.094 χ^2/NDF: 86617.5/111

- sign 1112.420+/-0.132 χ^2/NDF: 42730.8/56

asym_usl_correction_mean vs Slug



Right In: -799.526+/-219.194 χ^2/NDF: 36.6/30

Left Out: -845.009+/-361.141 χ^2/NDF:43.2/23

Right Out: -1073.692+/-231.444 χ^2/NDF: 123.6/33

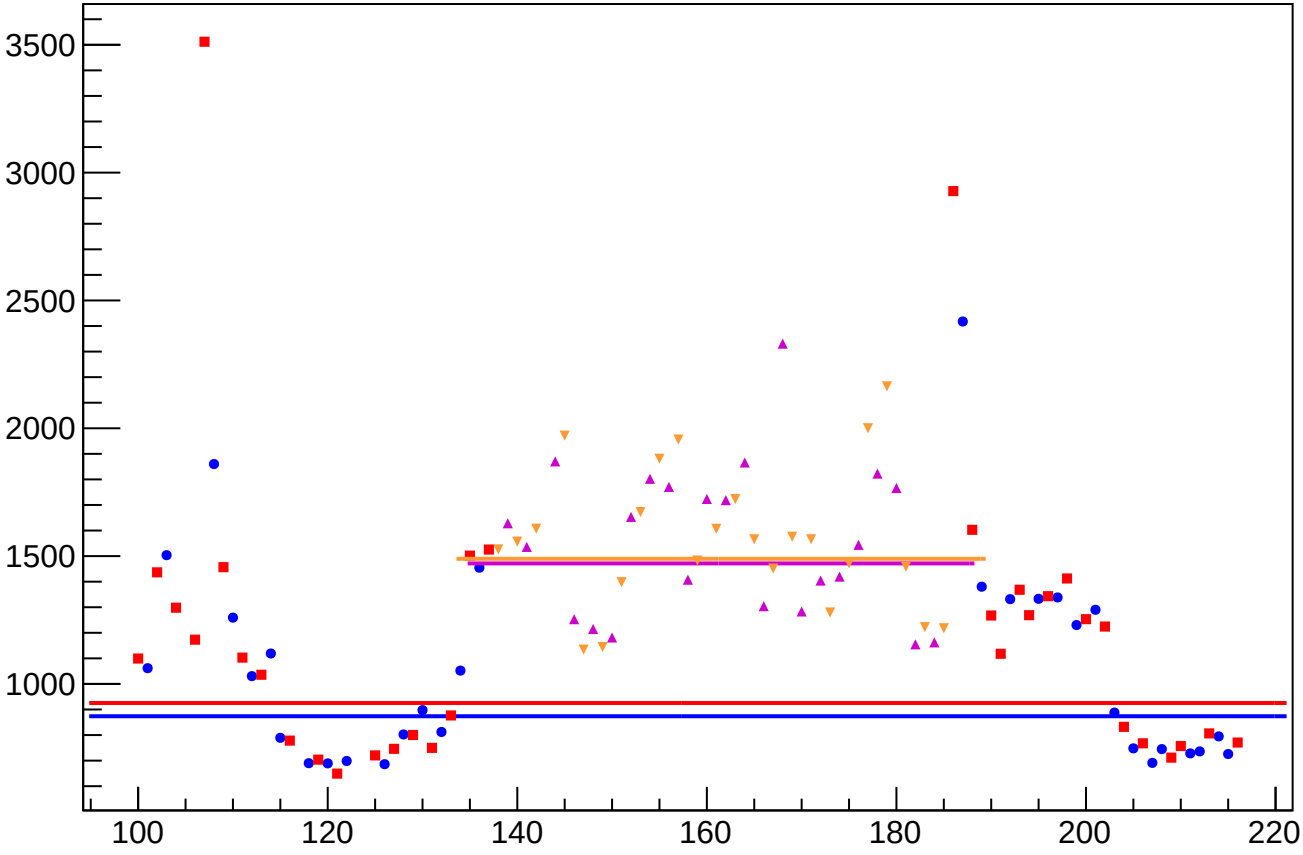
Left In: -65.738+/-358.785 χ^2/NDF:12.1/22

+ sign -811.771+/-187.381 χ^2/NDF: 79.9/54

All: -795.277+/-134.941 χ^2/NDF: 221.2/111

- sign -777.508+/-194.489 χ^2/NDF: 141.4/56

asym_usl_correction_rms vs Slug



Right In: 873.617+/-0.155 χ^2/NDF: 2565331.5/30

Left Out: 1489.507+/-0.255 χ^2/NDF:1009228.3/23

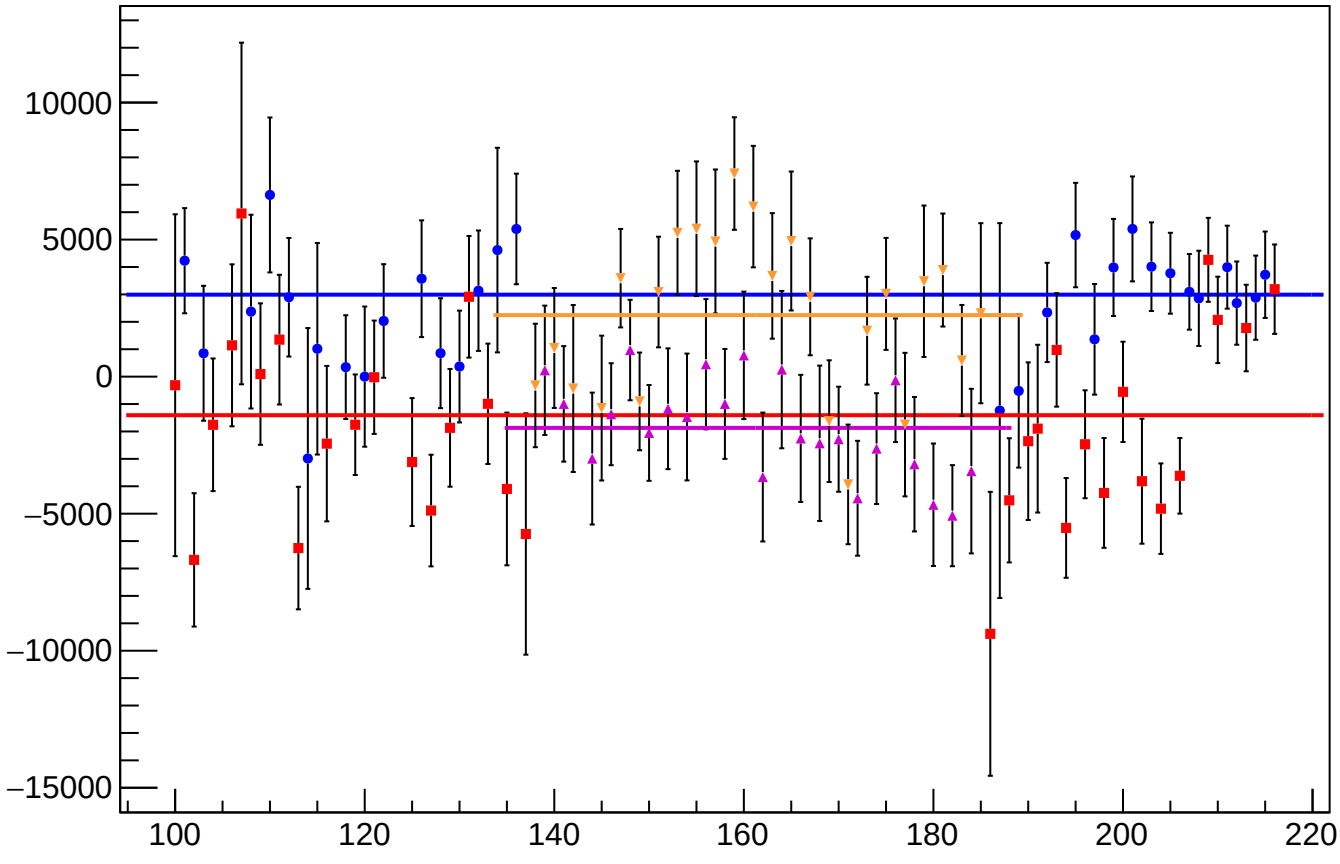
Right Out: 925.476+/-0.164 χ^2/NDF: 3296198.4/33

Left In: 1471.394+/-0.254 χ^2/NDF:1105310.5/22

+ sign 1039.422+/-0.132 χ^2/NDF: 7825391.3/54

All: 1061.792+/-0.095 χ^2/NDF: 15555858.9/1

- sign 1085.892+/-0.138 χ^2/NDF: 7671255.3/56



Right In: 2990.880+/-357.454 χ^2/NDF: 20.0/30

Left Out: 2244.415+/-456.474 χ^2/NDF:38.6/23

Right Out: -1406.897+/-367.245 χ^2/NDF: 75.0/33

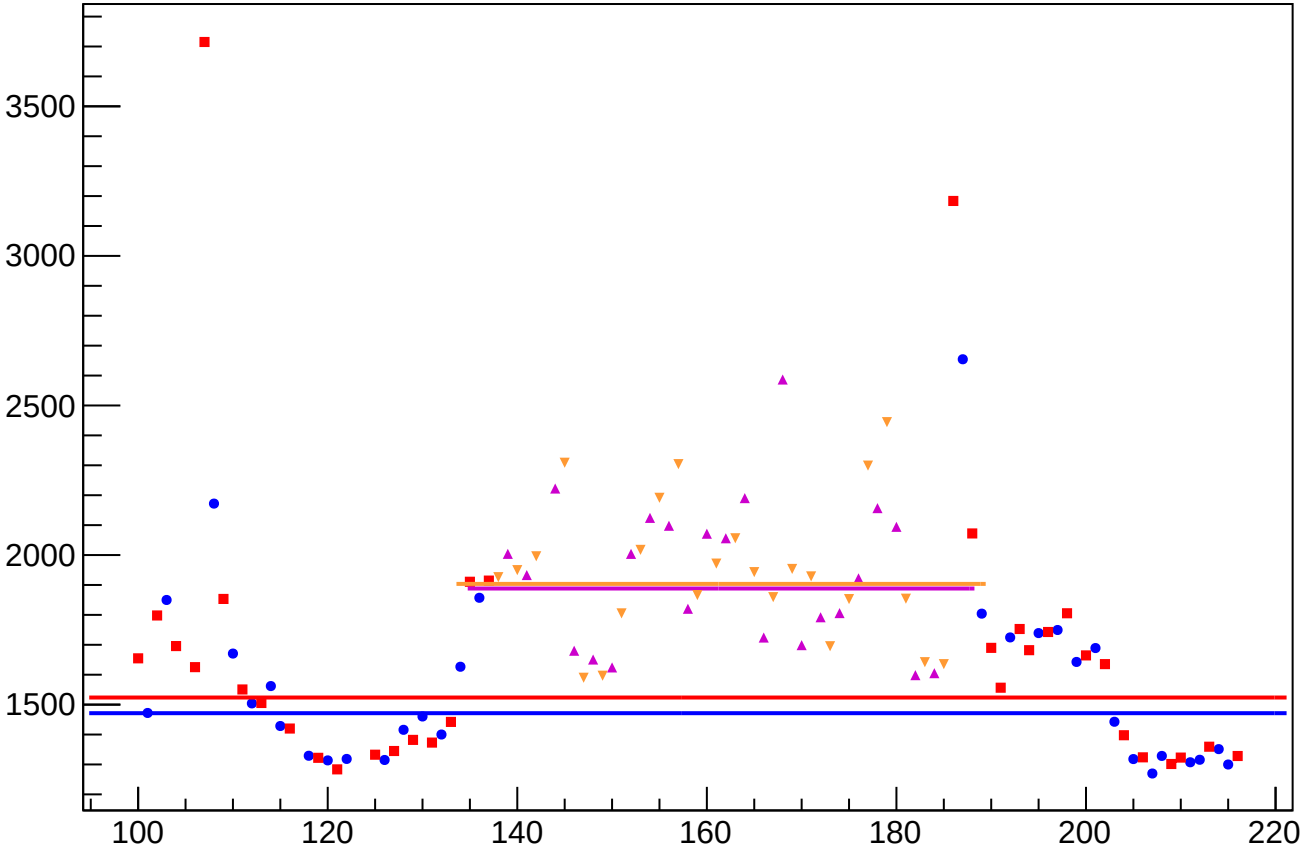
Left In: -1869.792+/-455.465 χ^2/NDF:14.9/22

+ sign 2707.136+/-281.433 χ^2/NDF: 60.3/54

All: 592.670+/-200.560 χ^2/NDF: 265.4/111

- sign -1589.272+/-285.888 χ^2/NDF: 90.5/56

asym_usl_rms vs Slug



Right In: 1471.388+/-0.253 χ^2/NDF: 666273.0/30

Left Out: 1903.581+/-0.323 χ^2/NDF:461788.9/23

Right Out: 1523.739+/-0.260 χ^2/NDF: 1105426.0/33

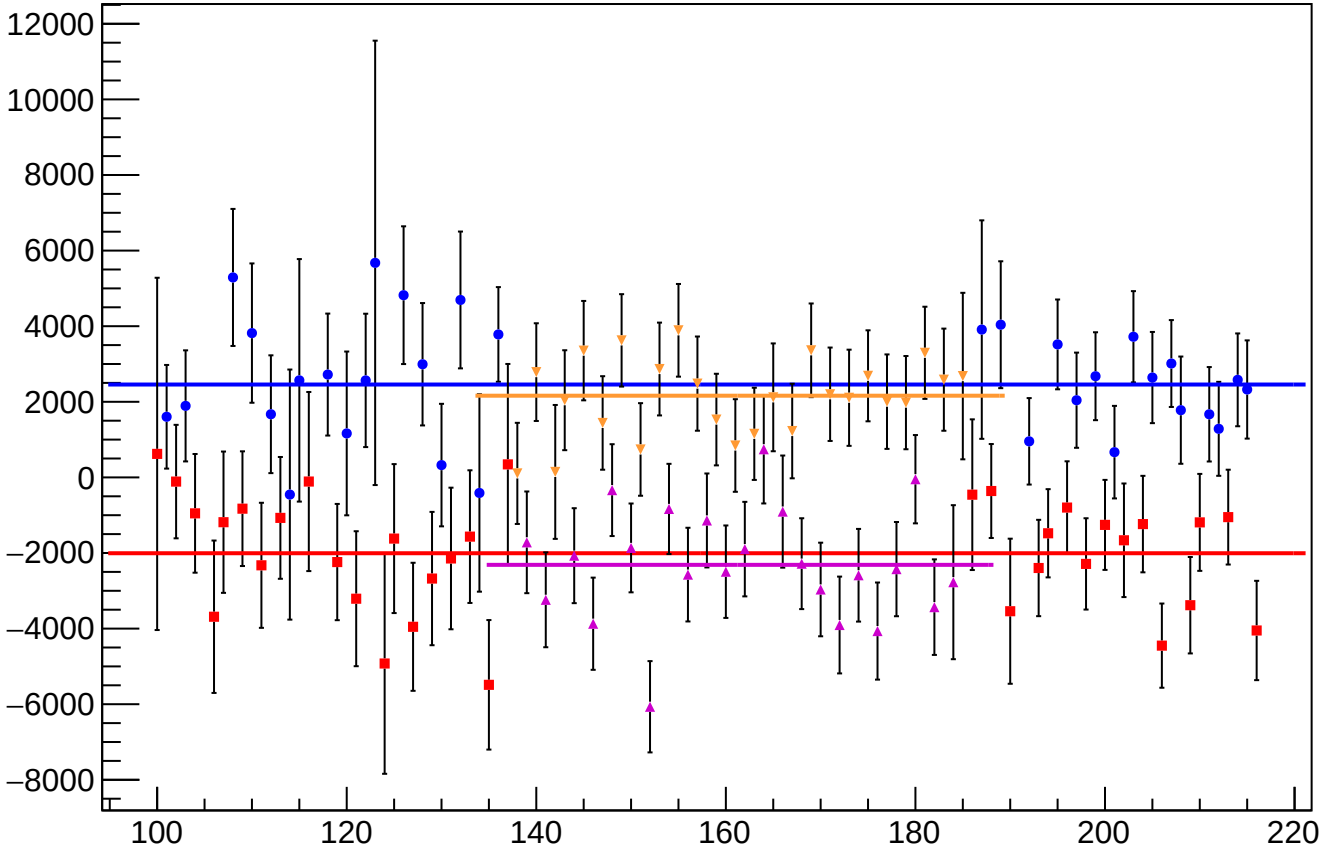
Left In: 1888.121+/-0.322 χ^2/NDF:504568.6/22

+ sign 1635.672+/-0.199 χ^2/NDF: 2239439.3/54

All: 1651.238+/-0.142 χ^2/NDF: 4637607.2/11

- sign 1667.301+/-0.202 χ^2/NDF: 2385735.6/56

reg_asym_usr_mean vs Slug



Right In: 2456.986+/-263.049 χ^2/NDF: 21.4/31

Left Out: 2161.427+/-257.518 χ^2/NDF:15.1/24

Right Out: -2006.094+/-262.205 χ^2/NDF: 27.4/33

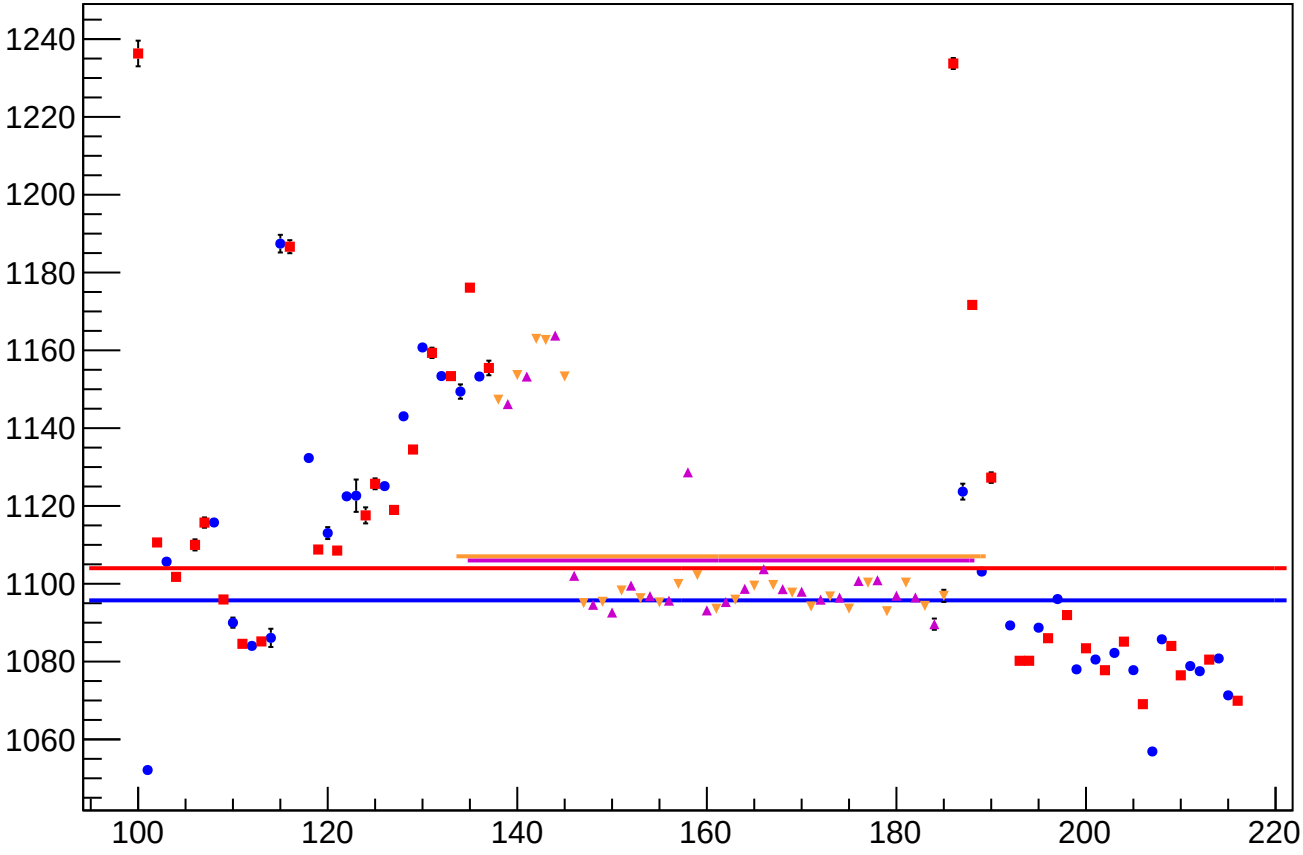
Left In: -2313.505+/-264.429 χ^2/NDF:31.3/22

+ sign 2306.066+/-184.017 χ^2/NDF: 37.2/56

All: 99.964+/-130.881 χ^2/NDF: 387.3/113

- sign -2158.501+/-186.188 χ^2/NDF: 59.3/56

reg_asym_usr_rms vs Slug



Right In: 1095.737+/-0.186 χ^2/NDF: 24348.4/31

Left Out: 1107.057+/-0.182 χ^2/NDF:15175.6/24

Right Out: 1103.999+/-0.185 χ^2/NDF: 37416.8/33

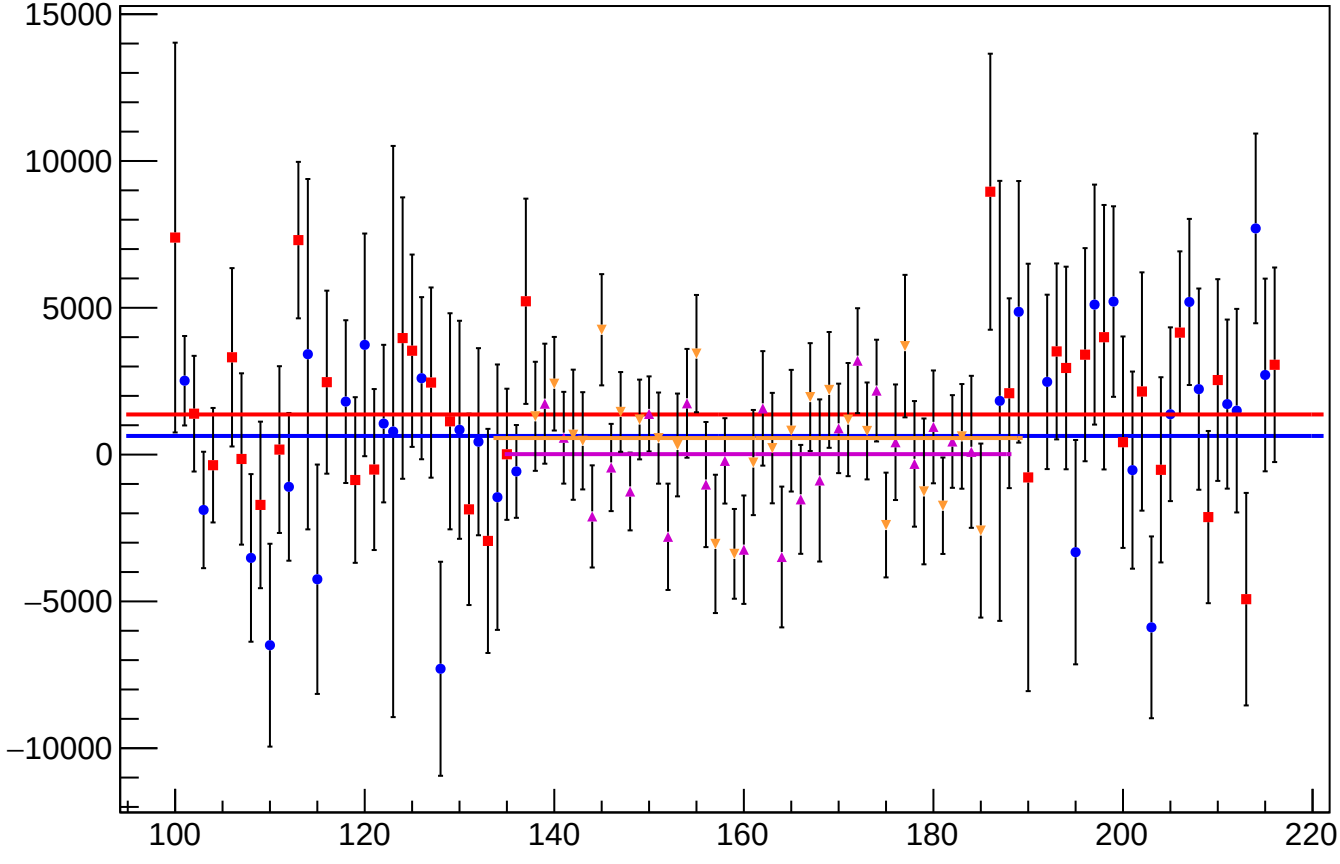
Left In: 1105.997+/-0.187 χ^2/NDF:11551.3/22

+ sign 1101.517+/-0.130 χ^2/NDF: 41415.3/56

All: 1103.233+/-0.093 χ^2/NDF: 90792.9/113

- sign 1104.990+/-0.132 χ^2/NDF: 49025.6/56

asym_usr_correction_mean vs Slug



Right In: 635.236+/-524.570 χ^2/NDF: 37.1/31

Left Out: 563.282+/-360.901 χ^2/NDF:26.8/24

Right Out: 1367.099+/-535.378 χ^2/NDF: 24.9/33

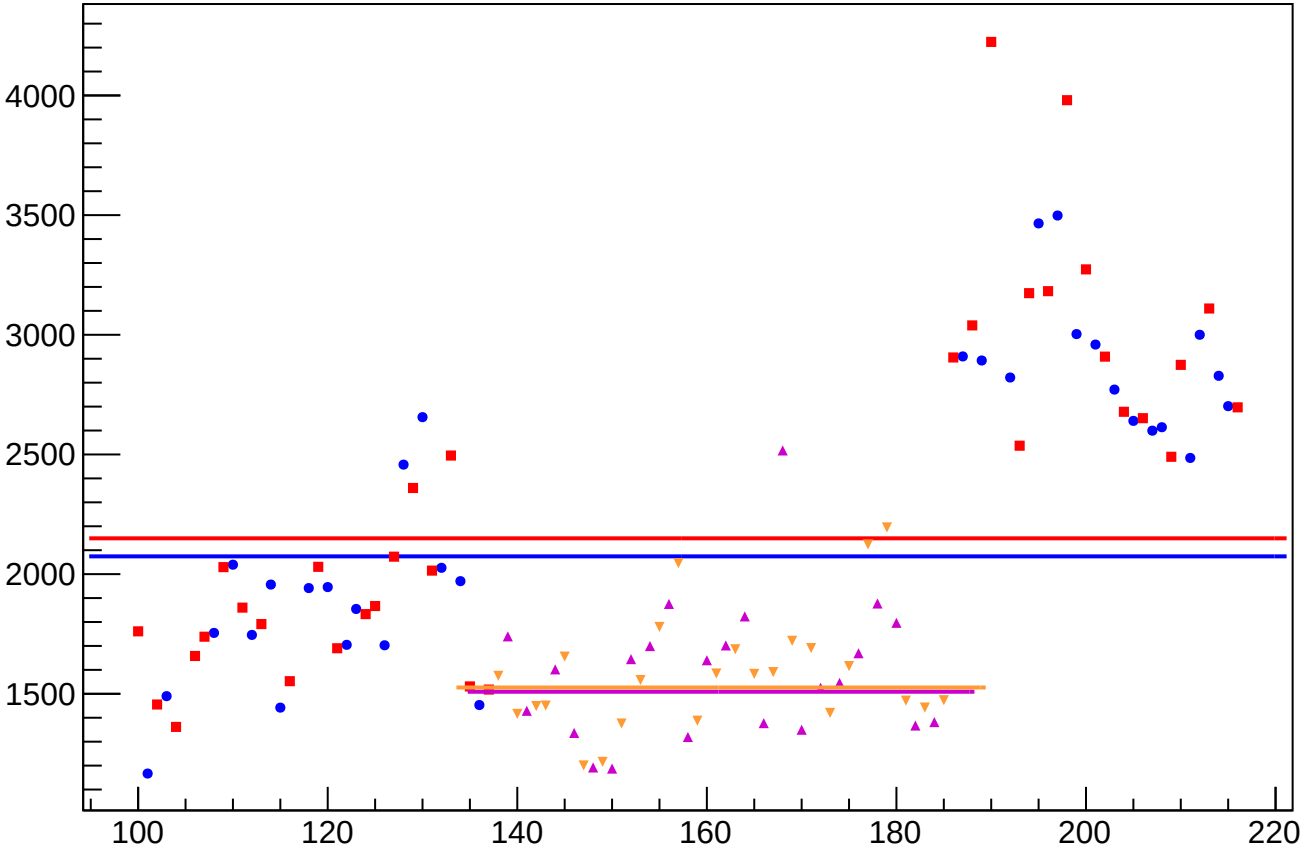
Left In: 15.520+/-366.854 χ^2/NDF:20.1/22

+ sign 586.398+/-297.329 χ^2/NDF: 63.9/56

All: 518.109+/-212.091 χ^2/NDF: 113.4/113

- sign 447.365+/-302.624 χ^2/NDF: 49.4/56

asym_usr_correction_rms vs Slug



Right In: 2074.255+/-0.371 χ^2/NDF: 3147522.7/31

Left Out: 1526.391+/-0.255 χ^2/NDF:753714.4/24

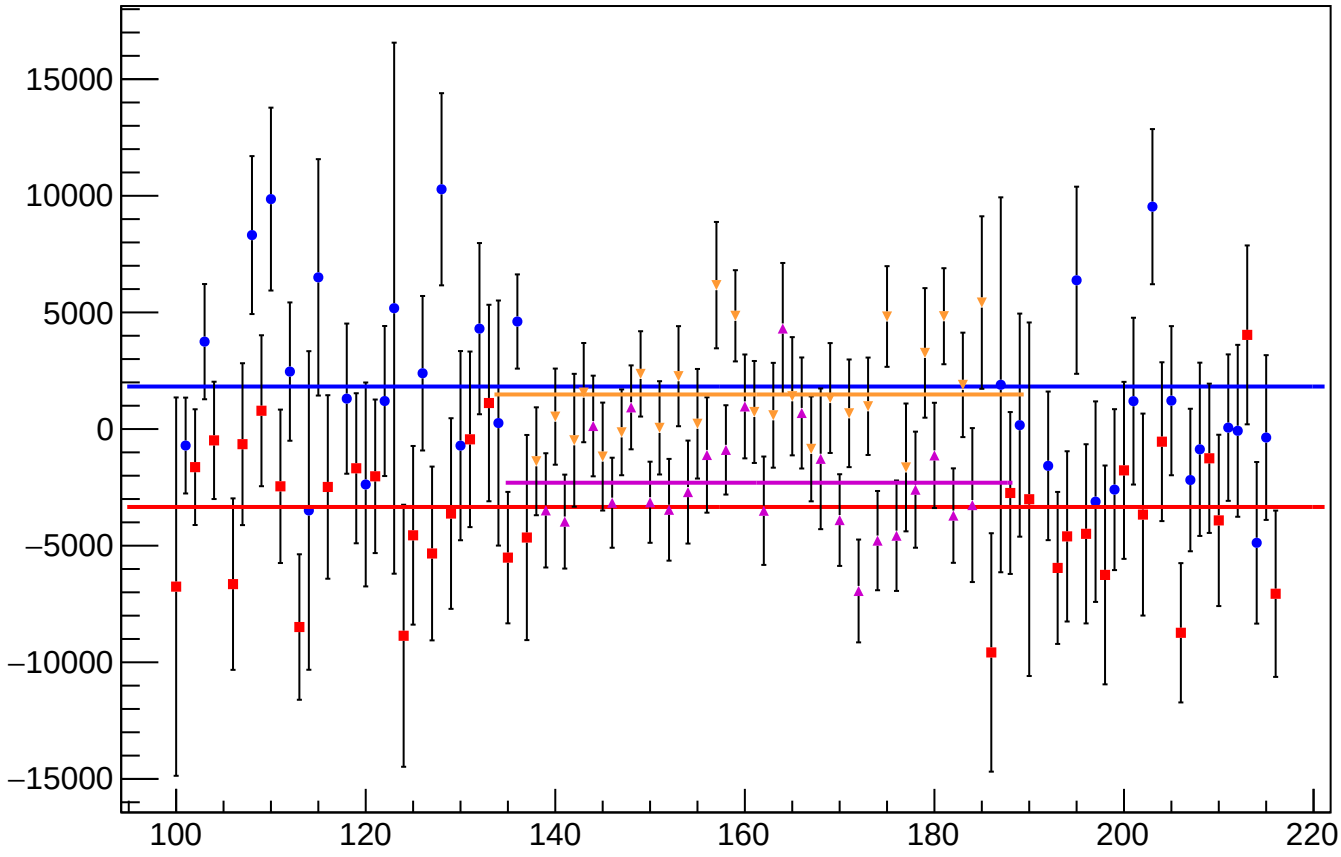
Right Out: 2149.606+/-0.379 χ^2/NDF: 2903148.1/33

Left In: 1508.581+/-0.259 χ^2/NDF:931684.8/22

+ sign 1702.402+/-0.210 χ^2/NDF: 5381933.8/56

All: 1707.802+/-0.150 χ^2/NDF: 11169206.2/1

- sign 1713.396+/-0.214 χ^2/NDF: 5785929.5/56



Right In: 1822.738+/-609.739 χ^2/NDF: 37.6/31

Left Out: 1482.365+/-449.983 χ^2/NDF:20.9/24

Right Out: -3340.762+/-616.084 χ^2/NDF: 24.1/33

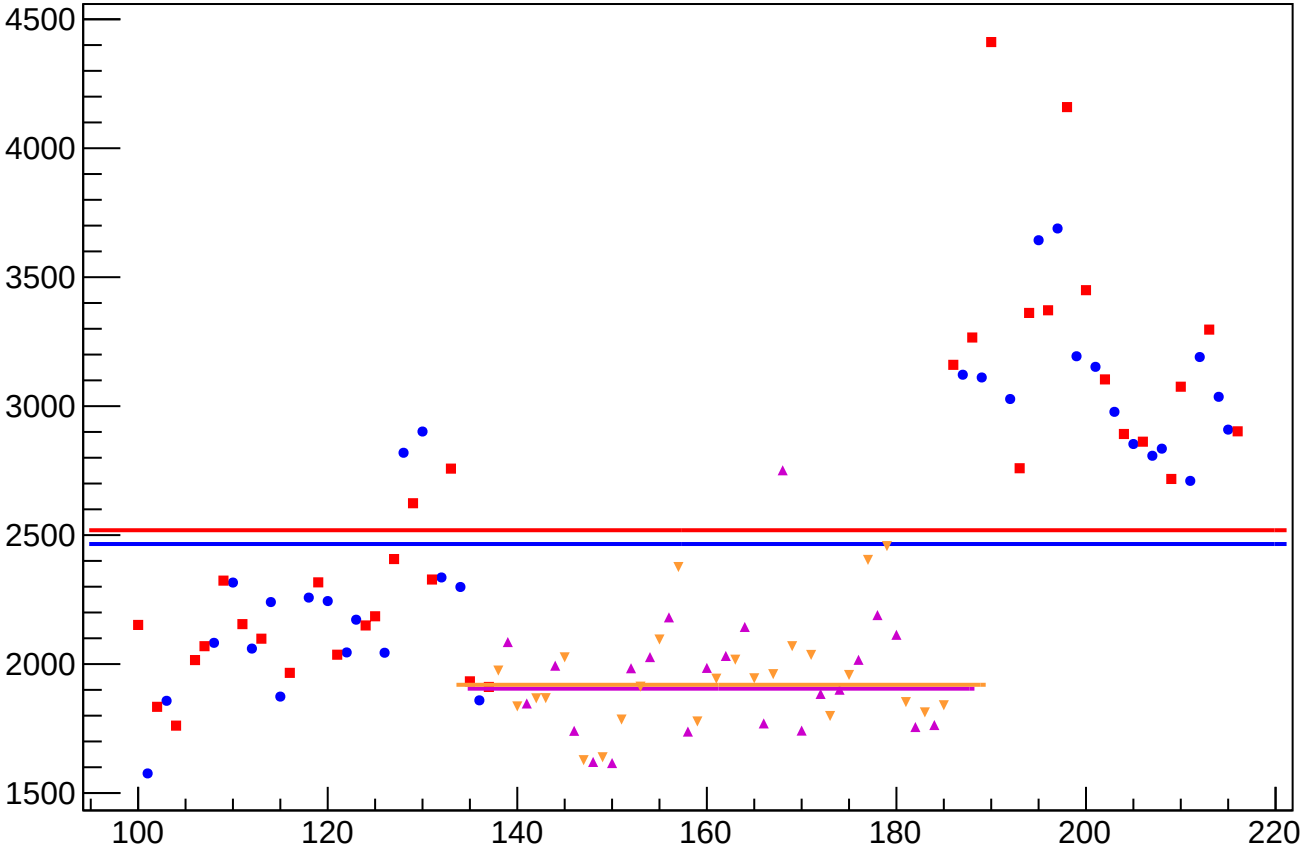
Left In: -2301.247+/-459.040 χ^2/NDF:24.8/22

+ sign 1602.380+/-362.062 χ^2/NDF: 58.7/56

All: -499.649+/-258.124 χ^2/NDF: 178.0/113

- sign -2672.334+/-368.097 χ^2/NDF: 50.8/56

asym_usr_rms vs Slug



Right In: 2465.487+/-0.431 χ^2/NDF: 1801685.9/31

Left Out: 1919.732+/-0.318 χ^2/NDF:366218.1/24

Right Out: 2518.941+/-0.436 χ^2/NDF: 1806777.1/33

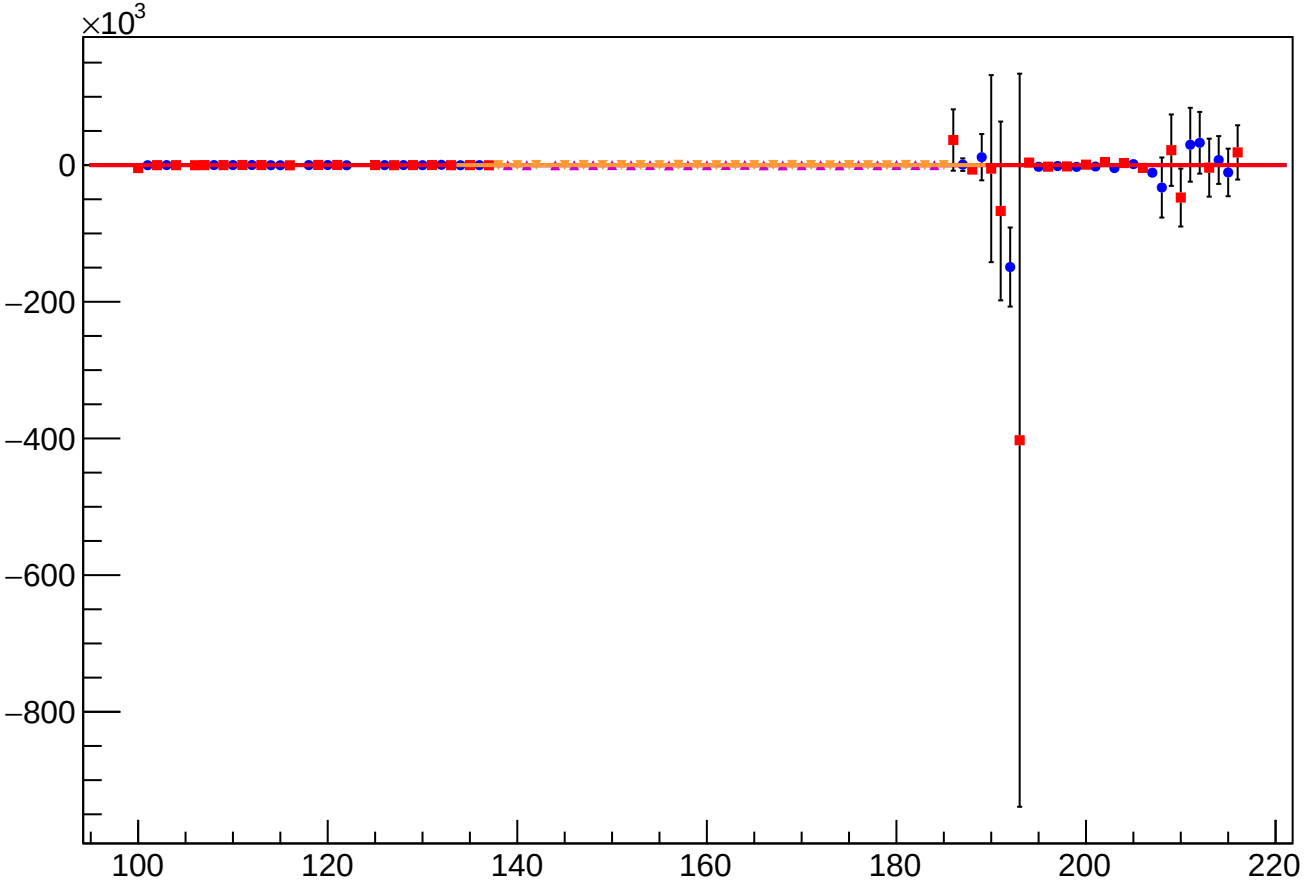
Left In: 1904.629+/-0.325 χ^2/NDF:447350.7/22

+ sign 2112.164+/-0.256 χ^2/NDF: 3205223.2/56

All: 2117.948+/-0.183 χ^2/NDF: 6739040.1/11

- sign 2123.926+/-0.260 χ^2/NDF: 3532778.9/56

reg_asym_dsl_mean vs Slug



Right In: -2.346+/-36.762 χ^2/NDF: 33.0/30

Left Out: 12.260+/-26.260 χ^2/NDF:35.9/23

Right Out: -1.841+/-36.747 χ^2/NDF: 21.1/33

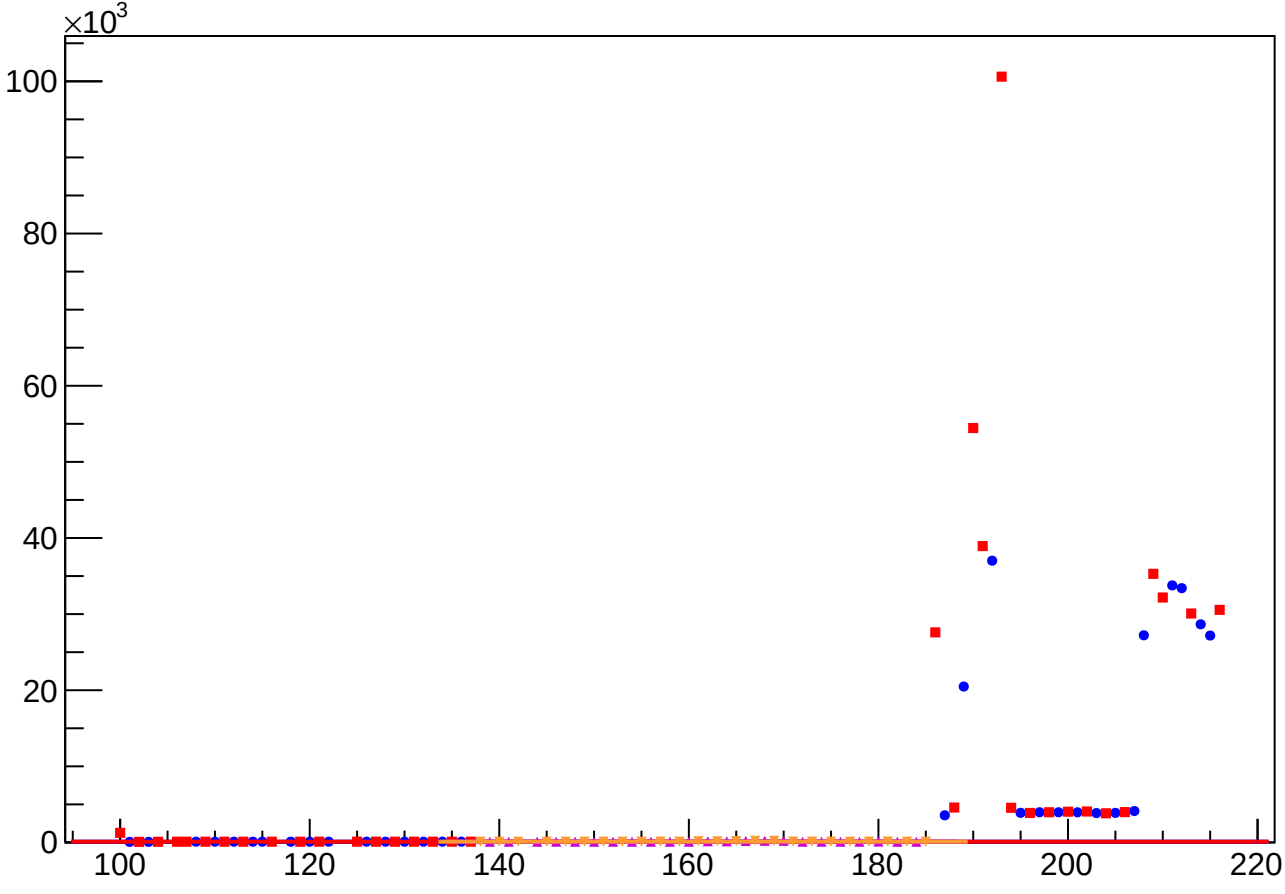
Left In: -24.786+/-26.343 χ^2/NDF:36.4/22

+ sign 7.325+/-21.368 χ^2/NDF: 69.0/54

All: -4.812+/-15.124 χ^2/NDF: 127.4/111

- sign -16.997+/-21.410 χ^2/NDF: 57.8/56

reg_asym_dsl_rms vs Slug



Right In: 96.154+/-0.026 χ^2/NDF: 18005902.8/30

Left Out: 108.059+/-0.019 χ^2/NDF:1434979.3/23

Right Out: 98.319+/-0.026 χ^2/NDF: 16723656.0/33

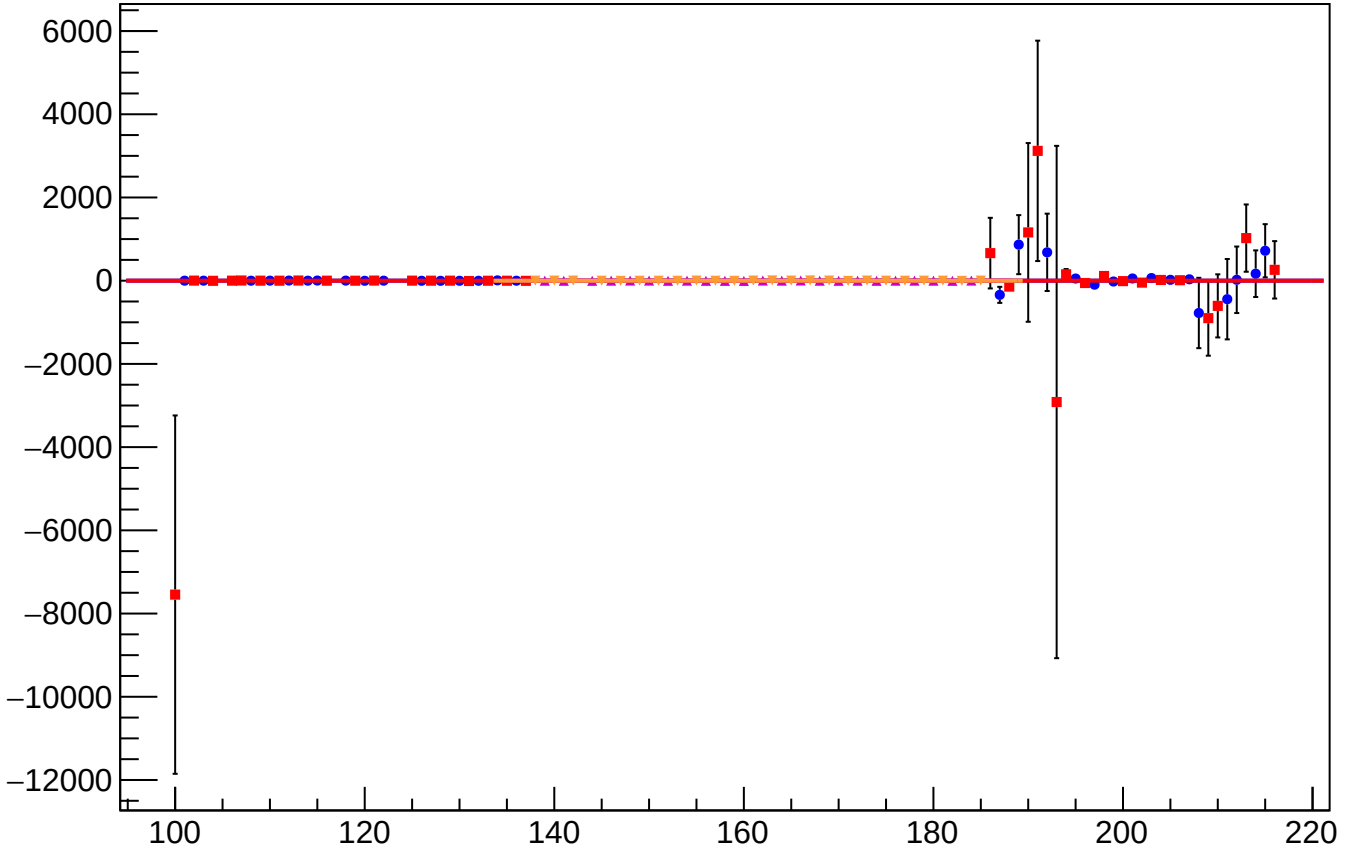
Left In: 107.672+/-0.019 χ^2/NDF:1491034.7/22

+ sign 104.037+/-0.015 χ^2/NDF: 19579769.0/54

All: 104.267+/-0.011 χ^2/NDF: 37880513.0/11

- sign 104.497+/-0.015 χ^2/NDF: 18300281.3/56

asym_dsl_correction_mean vs Slug



Right In: 0.398+/-0.617 χ^2/NDF: 21.8/30

Left Out: -0.534+/-0.475 χ^2/NDF:30.5/23

Right Out: 0.347+/-0.644 χ^2/NDF: 33.1/33

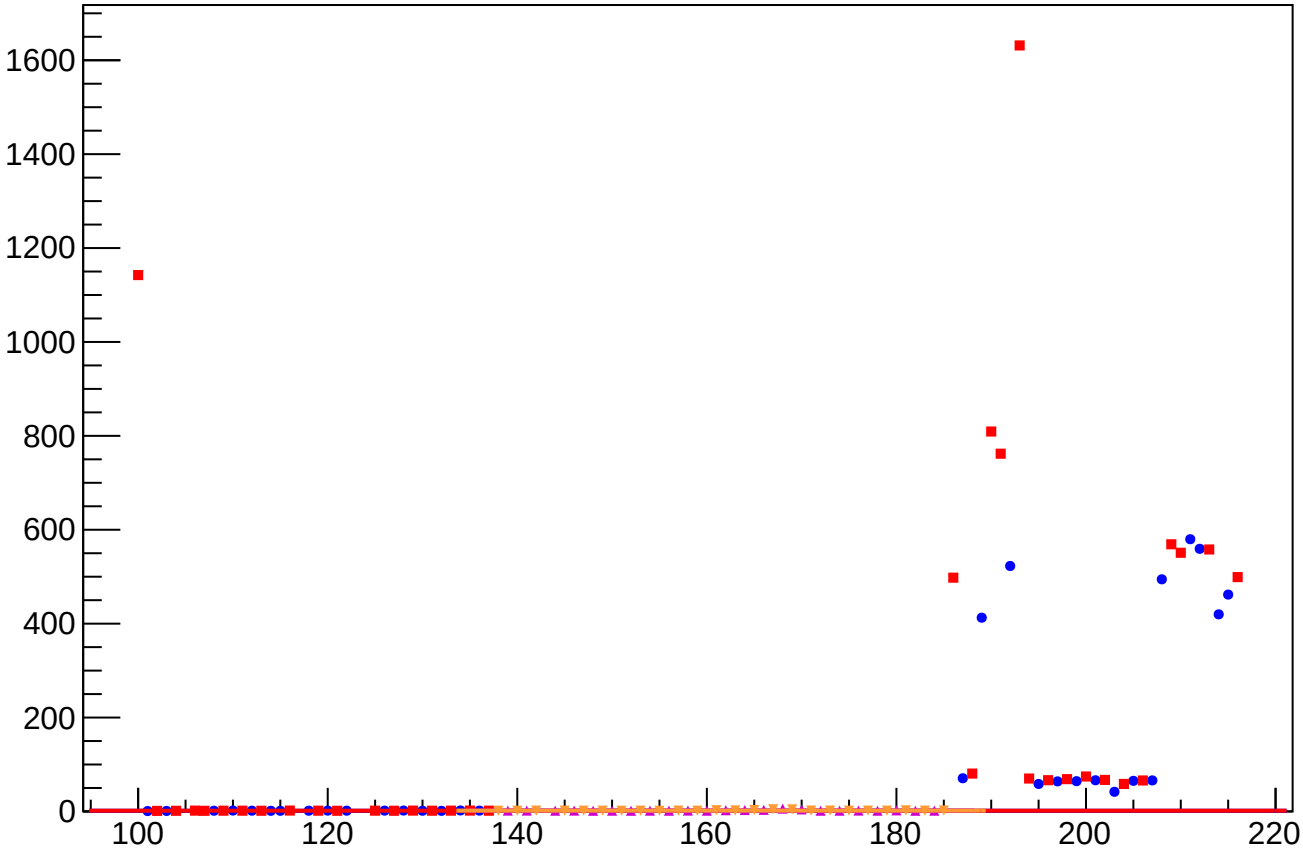
Left In: 0.067+/-0.485 χ^2/NDF:25.0/22

+ sign -0.188+/-0.376 χ^2/NDF: 53.8/54

All: -0.015+/-0.270 χ^2/NDF: 112.4/111

- sign 0.168+/-0.387 χ^2/NDF: 58.2/56

asym_dsl_correction_rms vs Slug



Right In: 1.451+/-0.000 χ^2/NDF: 15610174.0/30

Left Out: 1.771+/-0.000 χ^2/NDF:1599621.6/23

Right Out: 1.586+/-0.000 χ^2/NDF: 14770765.7/33

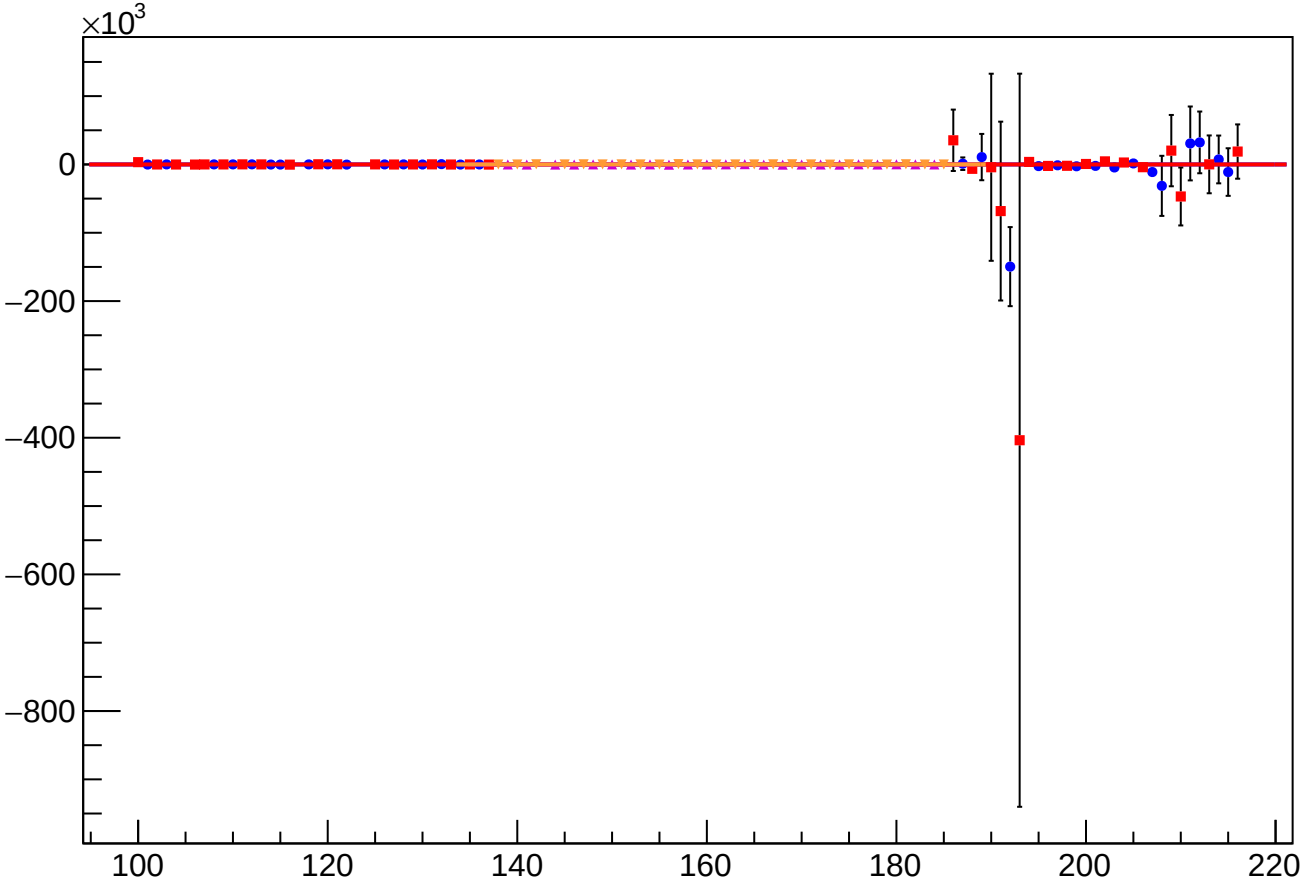
Left In: 1.802+/-0.000 χ^2/NDF:1921298.2/22

+ sign 1.652+/-0.000 χ^2/NDF: 17547404.4/54

All: 1.687+/-0.000 χ^2/NDF: 34419571.4/111

- sign 1.724+/-0.000 χ^2/NDF: 16836773.1/56

asym_dsl_mean vs Slug



Right In: -2.060+/-36.771 χ^2/NDF: 33.3/30

Left Out: 12.948+/-26.268 χ^2/NDF:35.7/23

Right Out: -1.604+/-36.757 χ^2/NDF: 20.5/33

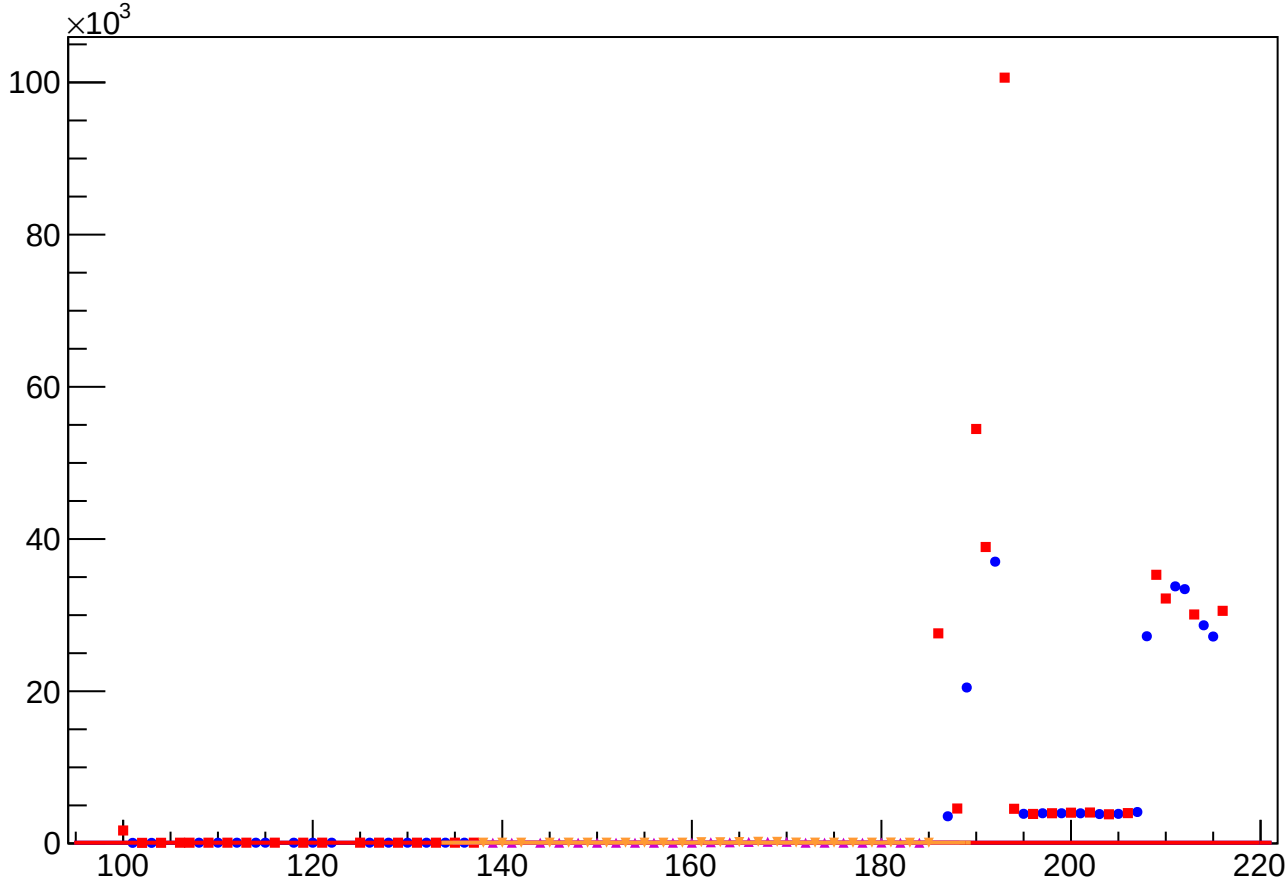
Left In: -25.312+/-26.351 χ^2/NDF:35.7/22

+ sign 7.877+/-21.374 χ^2/NDF: 69.1/54

All: -4.669+/-15.129 χ^2/NDF: 126.3/111

- sign -17.264+/-21.416 χ^2/NDF: 56.5/56

asym_dsl_rms vs Slug



Right In: 96.179+/-0.026 χ^2/NDF: 18005878.2/30

Left Out: 108.090+/-0.019 χ^2/NDF:1436368.7/23

Right Out: 98.328+/-0.026 χ^2/NDF: 16728967.1/33

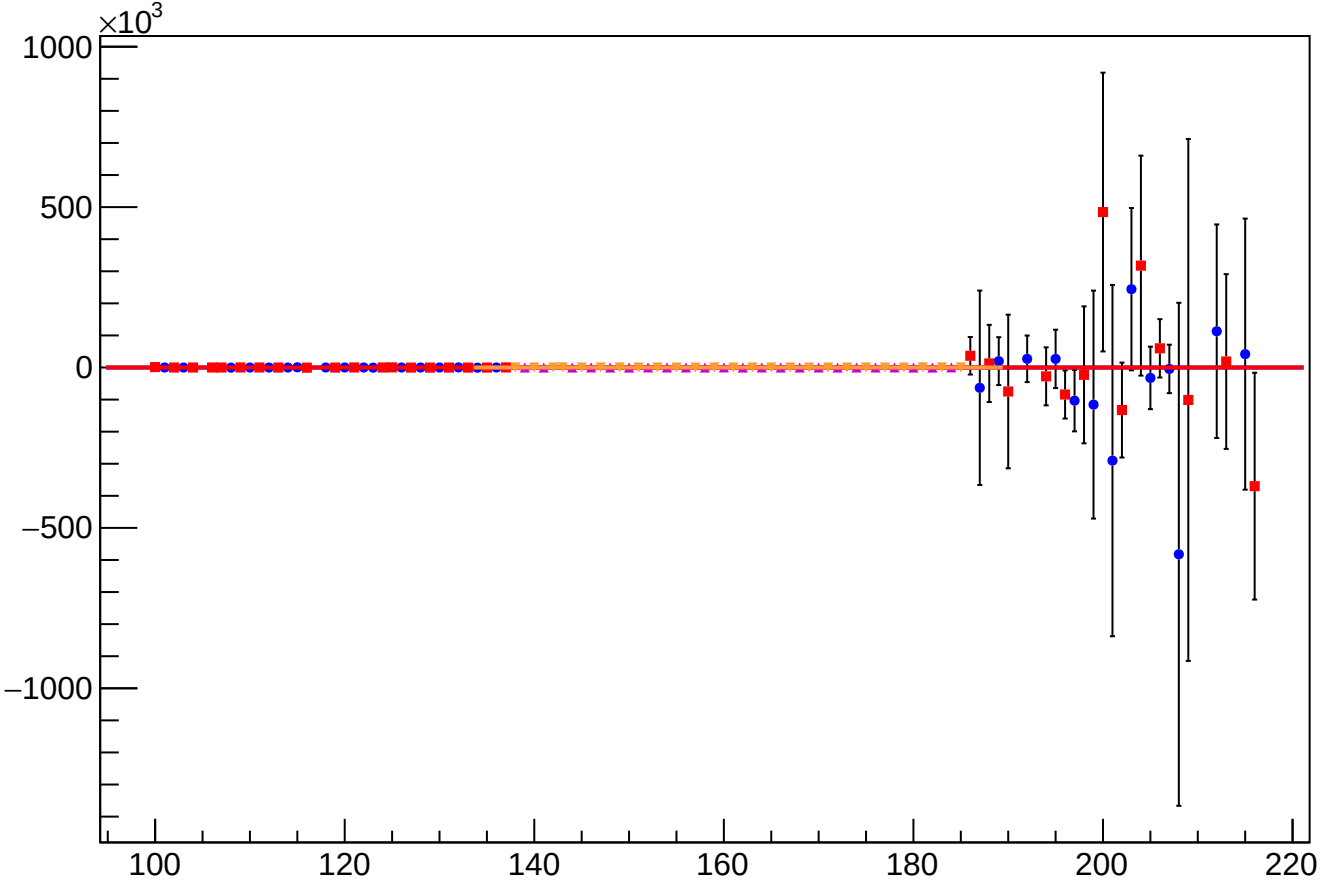
Left In: 107.703+/-0.019 χ^2/NDF:1492338.5/22

+ sign 104.066+/-0.015 χ^2/NDF: 19581198.3/54

All: 104.293+/-0.011 χ^2/NDF: 37888889.5/11

- sign 104.521+/-0.015 χ^2/NDF: 18307239.1/56

reg_asym_dsr_mean vs Slug



Right In: -26.802+/-46.841 χ^2/NDF: 18.0/29

Left Out: -12.829+/-32.063 χ^2/NDF:12.0/24

Right Out: -53.395+/-47.775 χ^2/NDF: 21.7/31

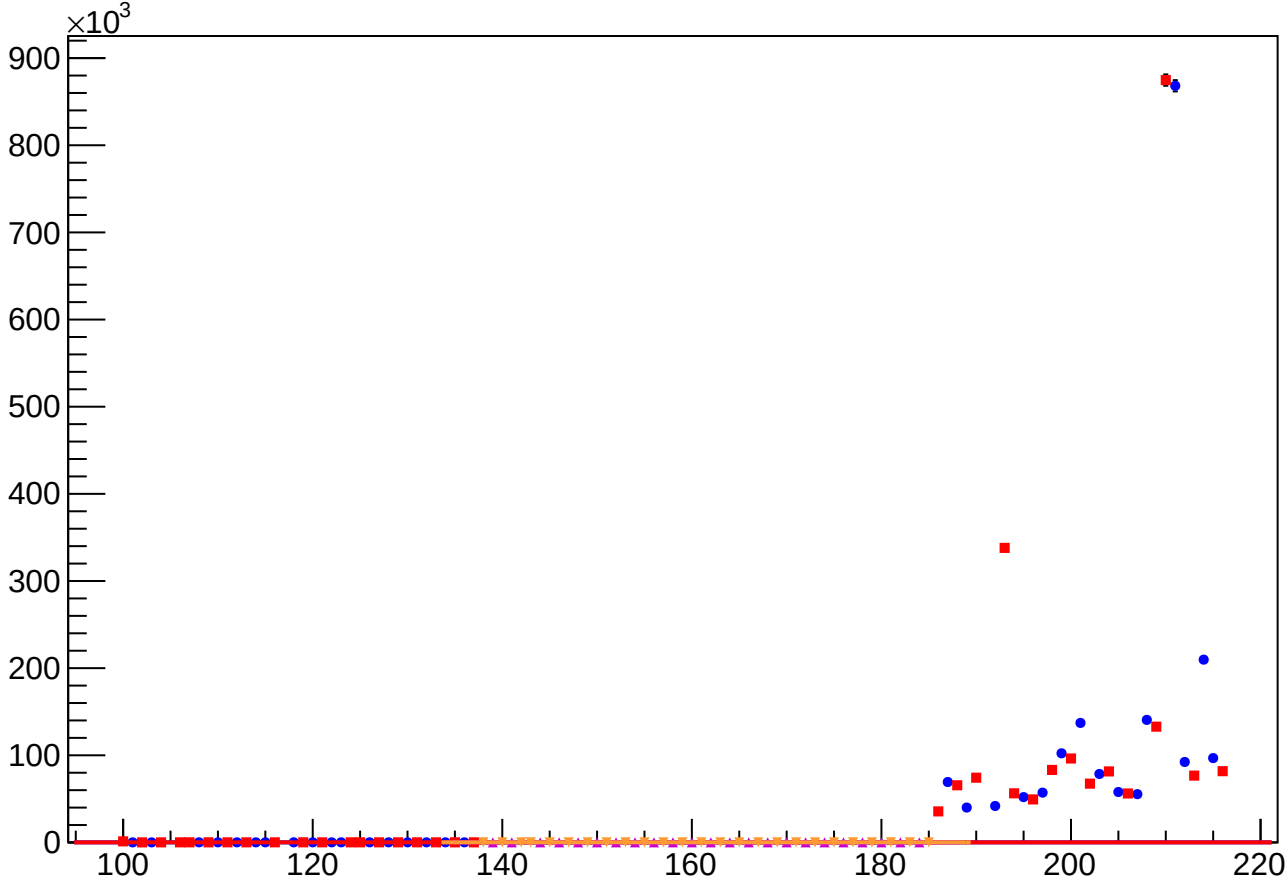
Left In: 65.335+/-32.944 χ^2/NDF:19.3/22

+ sign -17.287+/-26.458 χ^2/NDF: 30.1/54

All: 4.344+/-18.939 χ^2/NDF: 76.7/109

- sign 27.072+/-27.121 χ^2/NDF: 45.2/54

reg_asym_dsr_rms vs Slug



Right In: 117.882+/-0.033 χ^2/NDF: 6897176.9/31

Left Out: 137.856+/-0.023 χ^2/NDF:443.5/24

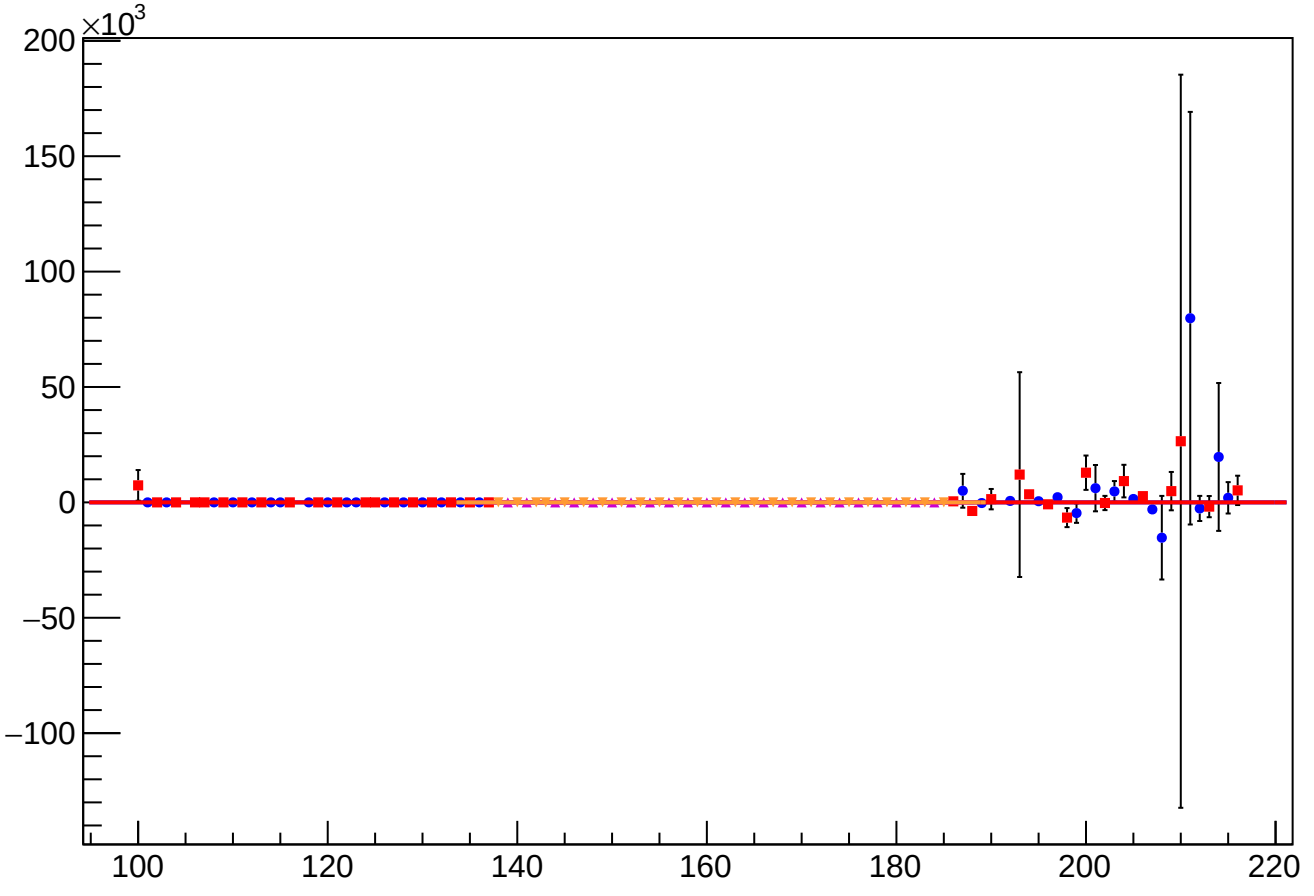
Right Out: 124.842+/-0.034 χ^2/NDF: 6569364.0/33

Left In: 137.804+/-0.023 χ^2/NDF:460.3/22

+ sign 131.483+/-0.019 χ^2/NDF: 7145276.7/56

All: 132.529+/-0.013 χ^2/NDF: 13821283.7/11

- sign 133.627+/-0.019 χ^2/NDF: 6669604.9/56



Right In: -0.719+/-0.810 χ^2/NDF: 25.5/31

Left Out: 0.490+/-0.572 χ^2/NDF:29.0/24

Right Out: 0.639+/-0.852 χ^2/NDF: 33.4/33

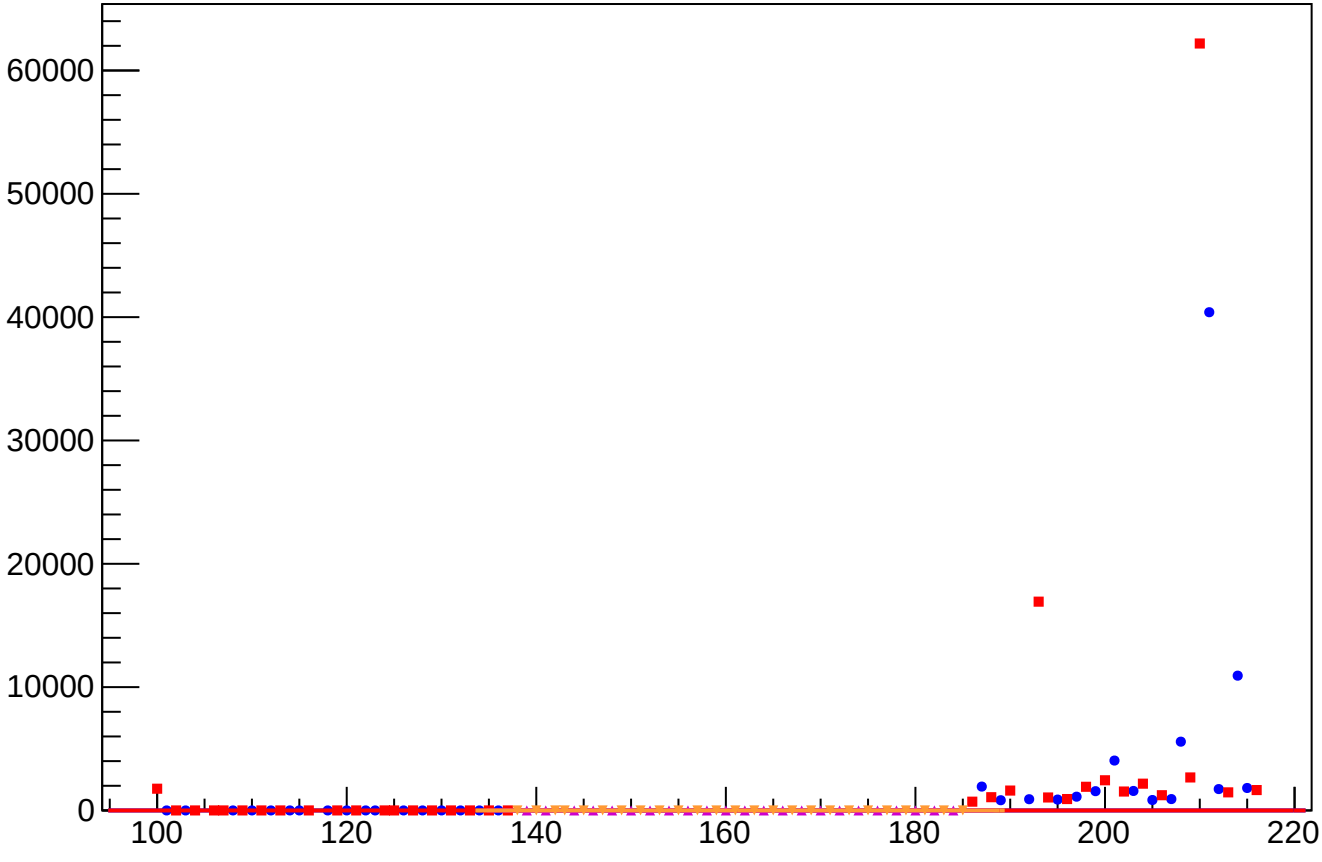
Left In: -0.290+/-0.579 χ^2/NDF:20.7/22

+ sign 0.087+/-0.467 χ^2/NDF: 56.0/56

All: 0.046+/-0.334 χ^2/NDF: 110.9/113

- sign 0.004+/-0.479 χ^2/NDF: 54.9/56

asym_dsr_correction_rms vs Slug



Right In: 1.867+/-0.001 χ^2/NDF: 6807085.5/31

Left Out: 2.262+/-0.000 χ^2/NDF:374973.2/24

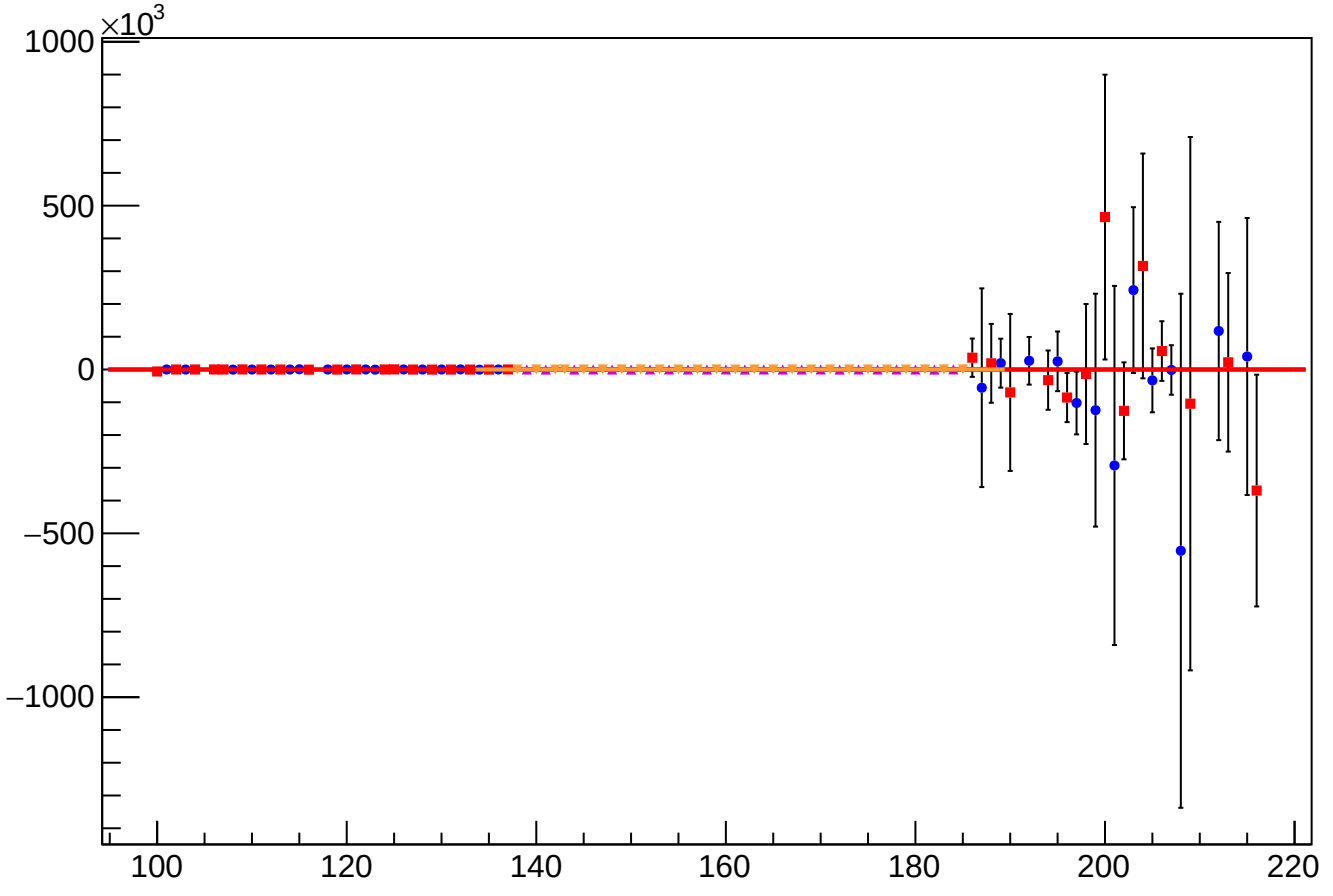
Right Out: 2.065+/-0.001 χ^2/NDF: 6925229.7/33

Left In: 2.193+/-0.000 χ^2/NDF:510890.7/22

+ sign 2.130+/-0.000 χ^2/NDF: 7499213.4/56

All: 2.141+/-0.000 χ^2/NDF: 14968215.3/113

- sign 2.153+/-0.000 χ^2/NDF: 7466797.2/56



Right In: -25.063+/-46.854 χ^2/NDF: 18.0/29

Left Out: -13.383+/-32.072 χ^2/NDF:11.8/24

Right Out: -54.298+/-47.789 χ^2/NDF: 22.2/31

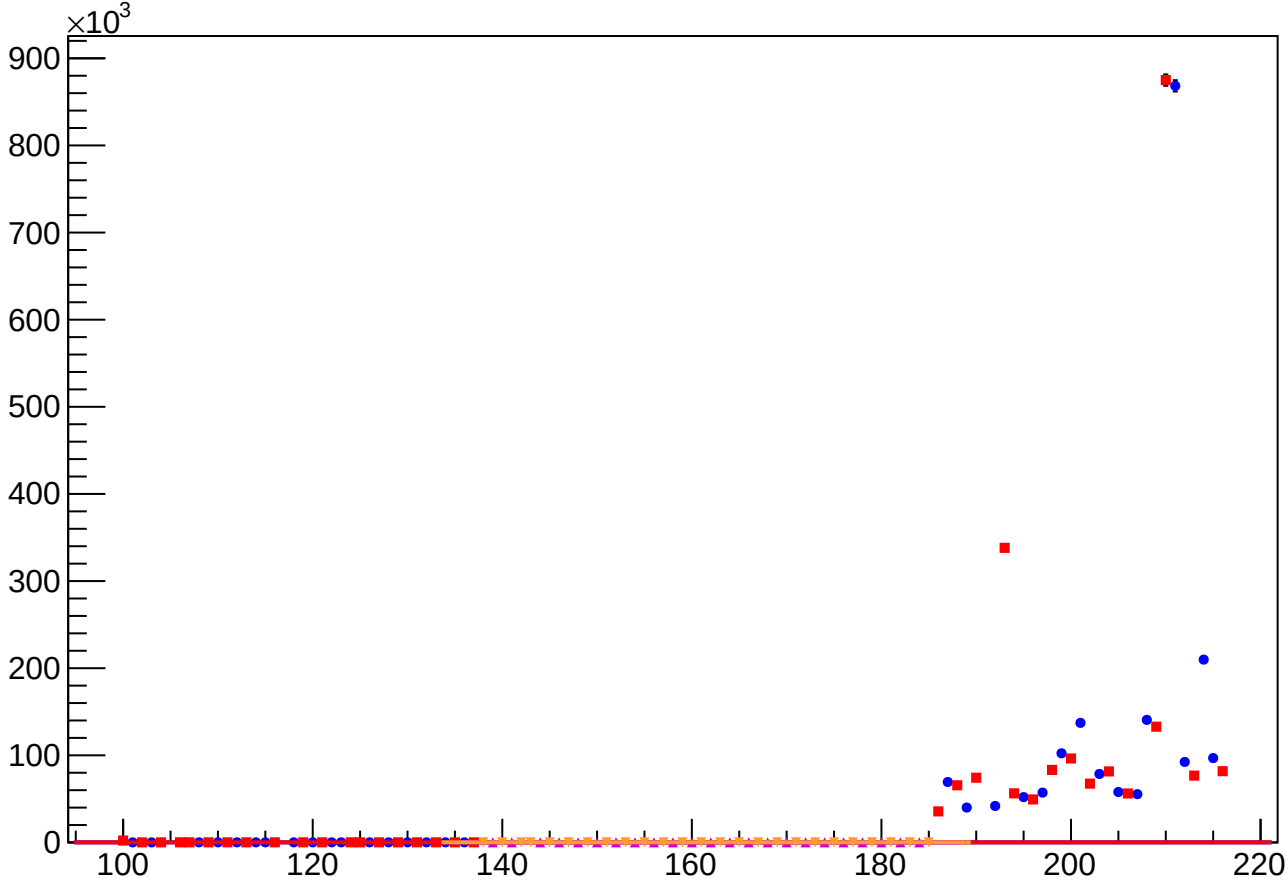
Left In: 65.231+/-32.953 χ^2/NDF:19.4/22

+ sign -17.110+/-26.465 χ^2/NDF: 29.8/54

All: 4.259+/-18.944 χ^2/NDF: 77.0/109

- sign 26.712+/-27.129 χ^2/NDF: 45.8/54

asym_dsr_rms vs Slug



Right In: 117.914+/-0.033 χ^2/NDF: 6897318.0/31

Left Out: 137.895+/-0.023 χ^2/NDF:440.9/24

Right Out: 124.831+/-0.034 χ^2/NDF: 6580032.9/33

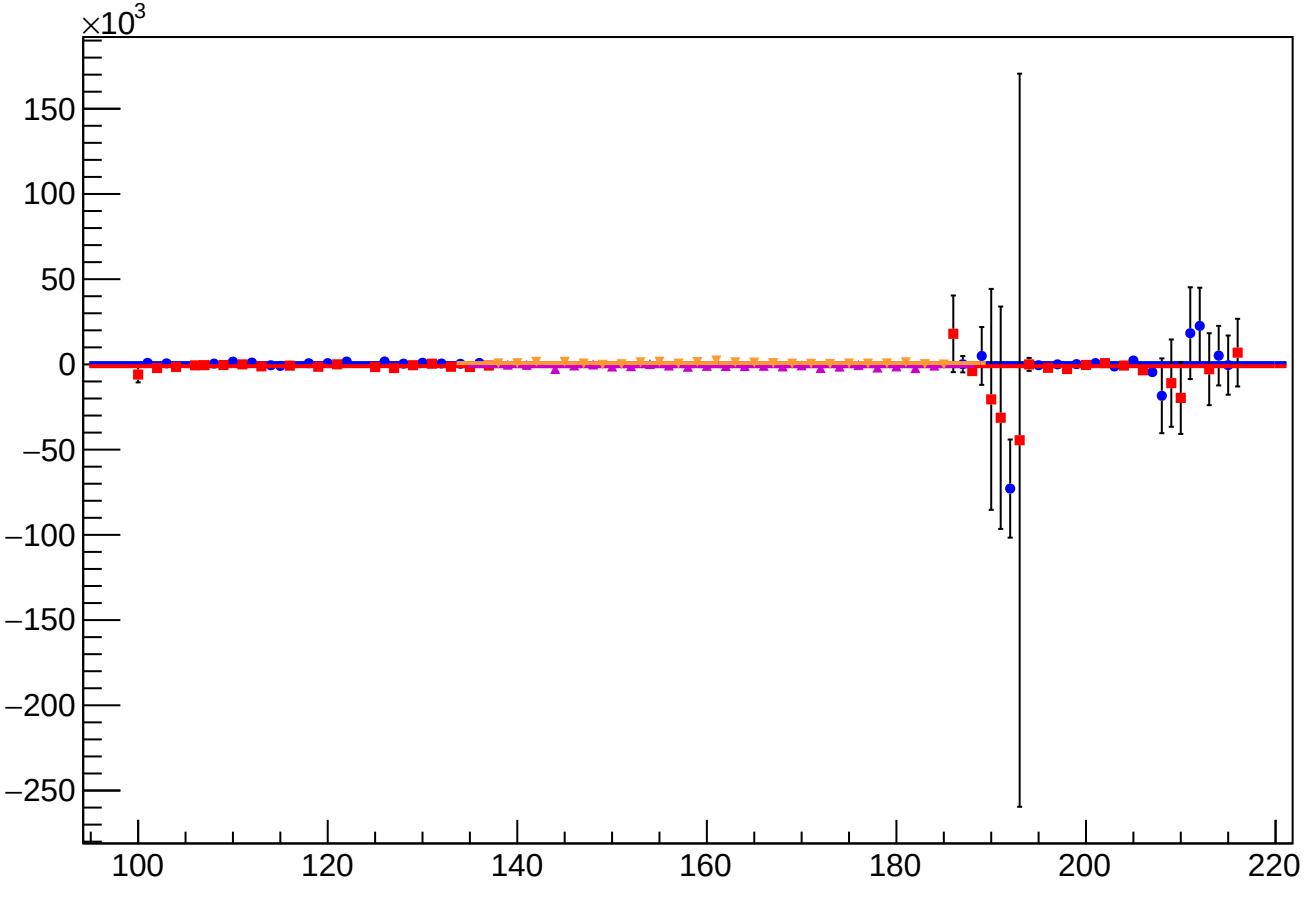
Left In: 137.843+/-0.023 χ^2/NDF:457.2/22

+ sign 131.520+/-0.019 χ^2/NDF: 7145449.1/56

All: 132.559+/-0.013 χ^2/NDF: 13832748.9/11

- sign 133.650+/-0.019 χ^2/NDF: 6680981.8/56

reg_asym_left_avg_mean vs Slug



Right In: 769.284+/-209.823 χ^2/NDF: 21.0/30

Left Out: 784.371+/-134.054 χ^2/NDF:19.2/23

Right Out: -1038.829+/-207.254 χ^2/NDF: 19.8/33

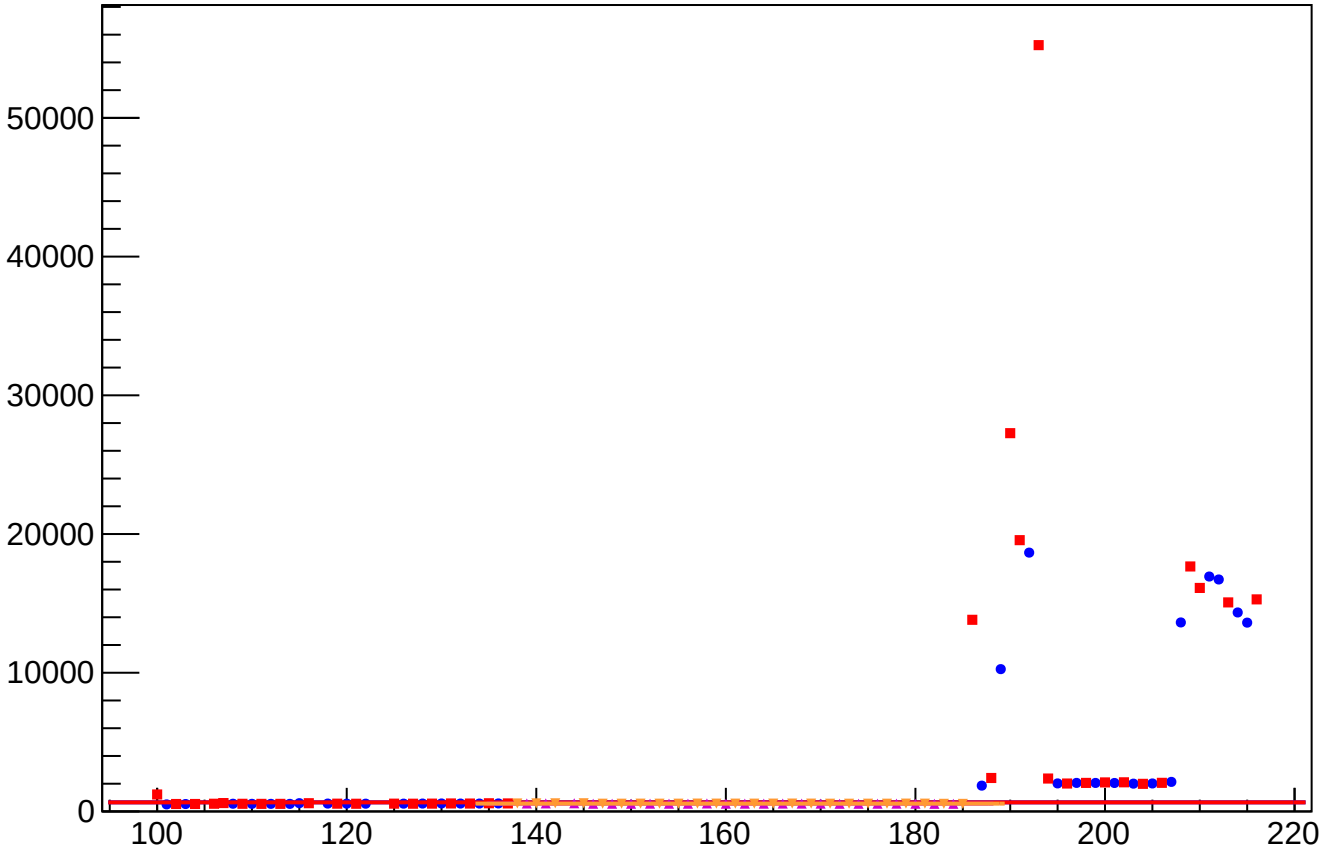
Left In: -974.402+/-134.932 χ^2/NDF:27.4/22

+ sign 779.998+/-112.967 χ^2/NDF: 40.2/54

All: -105.912+/-79.919 χ^2/NDF: 210.7/111

- sign -993.581+/-113.079 χ^2/NDF: 47.3/56

reg_asym_left_avg_rms vs Slug



Right In: 658.083+/-0.148 χ^2/NDF: 12036492.8/30

Left Out: 564.143+/-0.095 χ^2/NDF:9594.1/23

Right Out: 654.630+/-0.147 χ^2/NDF: 11164951.2/33

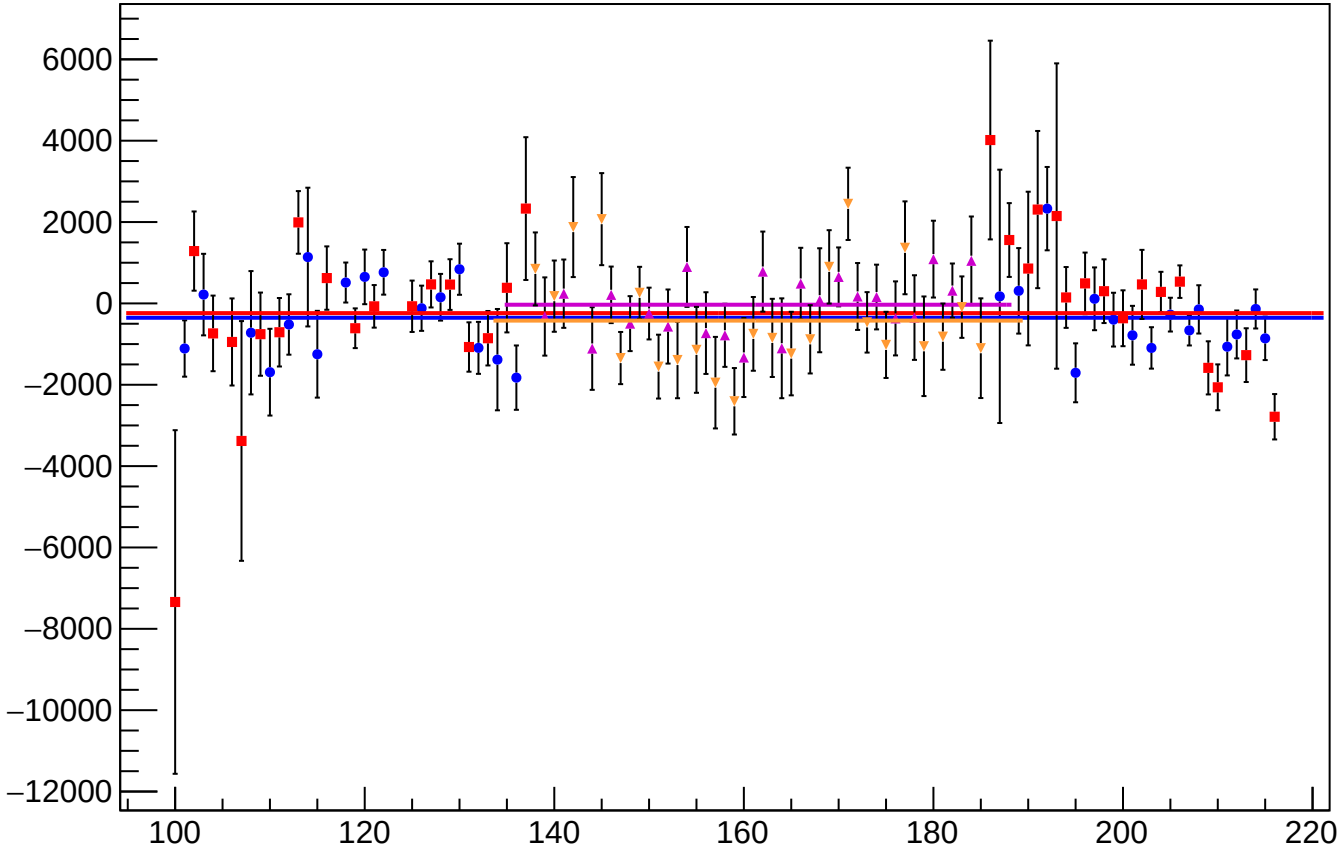
Left In: 564.383+/-0.095 χ^2/NDF:9209.5/22

+ sign 591.373+/-0.080 χ^2/NDF: 12330772.9/54

All: 591.311+/-0.057 χ^2/NDF: 23771263.3/11

- sign 591.248+/-0.080 χ^2/NDF: 11440489.1/56

asym_left_avg_correction_mean vs Slug



Right In: -352.597+/-117.171 χ^2/NDF: 41.3/30

Left Out: -422.681+/-180.610 χ^2/NDF:43.2/23

Right Out: -238.765+/-125.878 χ^2/NDF: 80.8/33

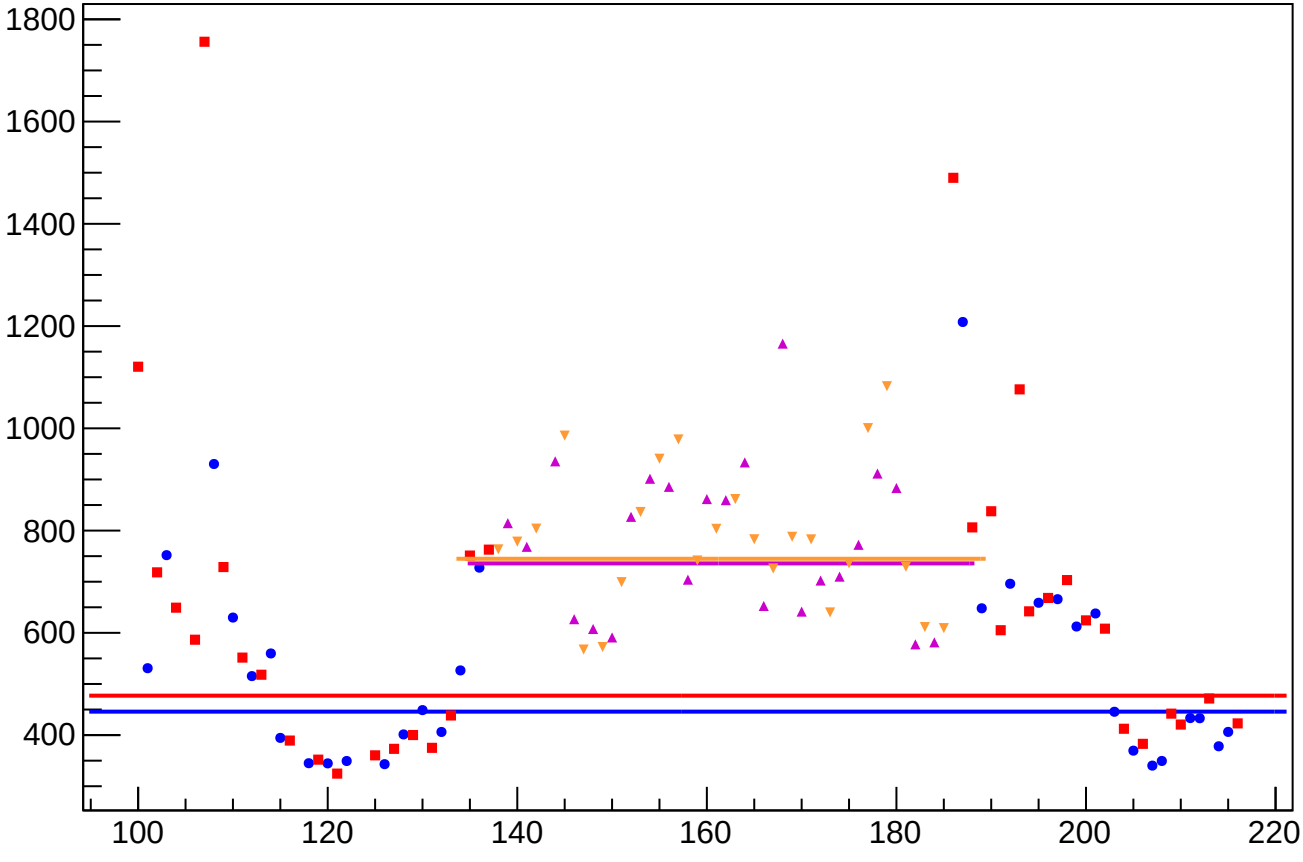
Left In: -32.411+/-179.430 χ^2/NDF:12.2/22

\+ sign -373.357+/-98.298 χ^2/NDF: 84.6/54

All: -276.809+/-71.127 χ^2/NDF: 180.5/111

\- sign -170.703+/-103.049 χ^2/NDF: 93.9/56

asym_left_avg_correction_rms vs Slug



Right In: 445.891+/-0.083 χ^2/NDF: 2303570.8/30

Left Out: 744.909+/-0.128 χ^2/NDF:1008847.7/23

Right Out: 477.147+/-0.089 χ^2/NDF: 2972033.8/33

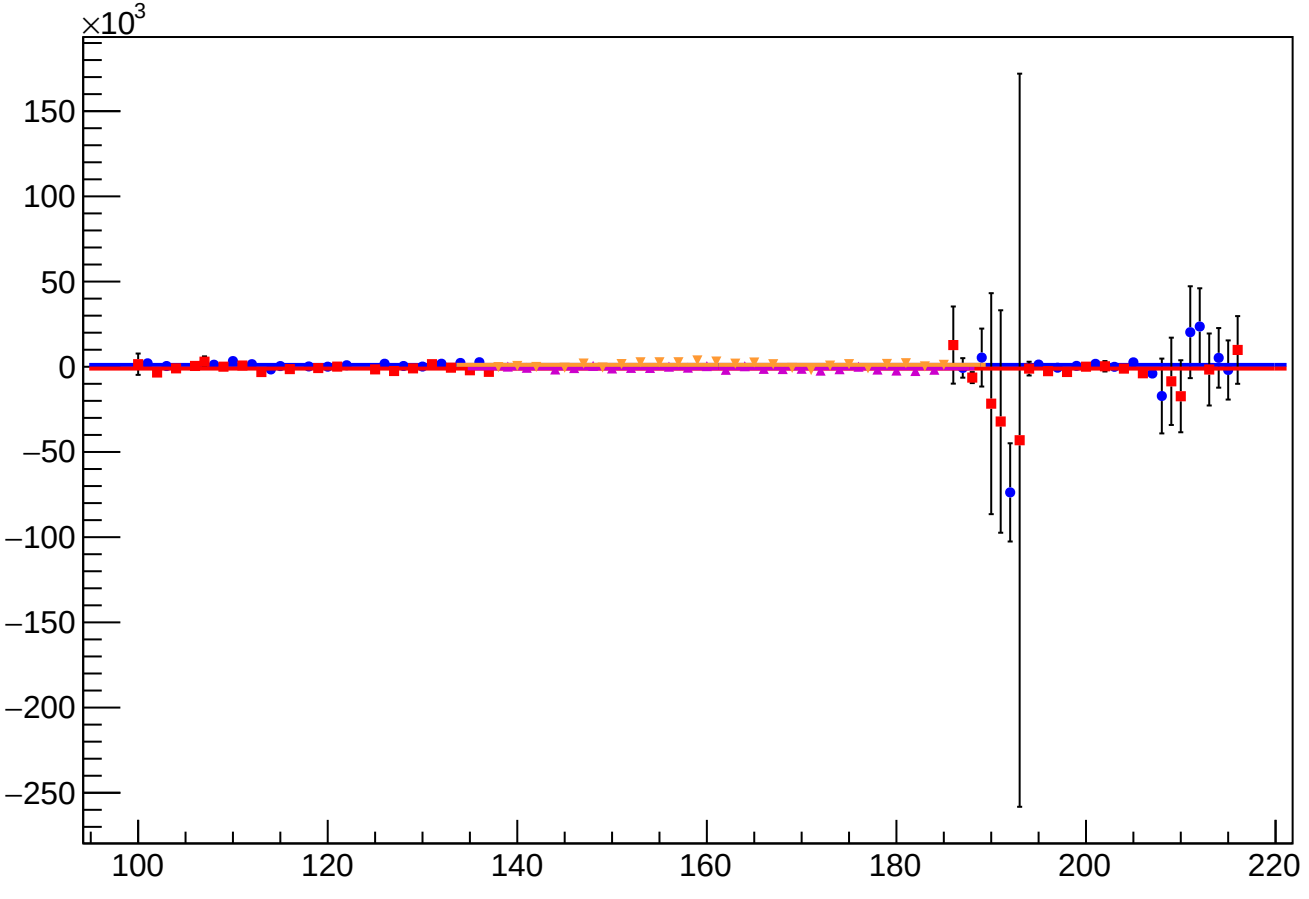
Left In: 735.850+/-0.127 χ^2/NDF:1105405.5/22

+ sign 534.464+/-0.070 χ^2/NDF: 7170606.8/54

All: 547.809+/-0.050 χ^2/NDF: 14111704.6/11

- sign 562.475+/-0.073 χ^2/NDF: 6863723.4/56

asym_left_avg_mean vs Slug



Right In: 1094.785+/-280.519 χ^2/NDF: 26.9/30

Left Out: 1137.936+/-228.834 χ^2/NDF:38.9/23

Right Out: -1060.831+/-280.321 χ^2/NDF: 30.8/33

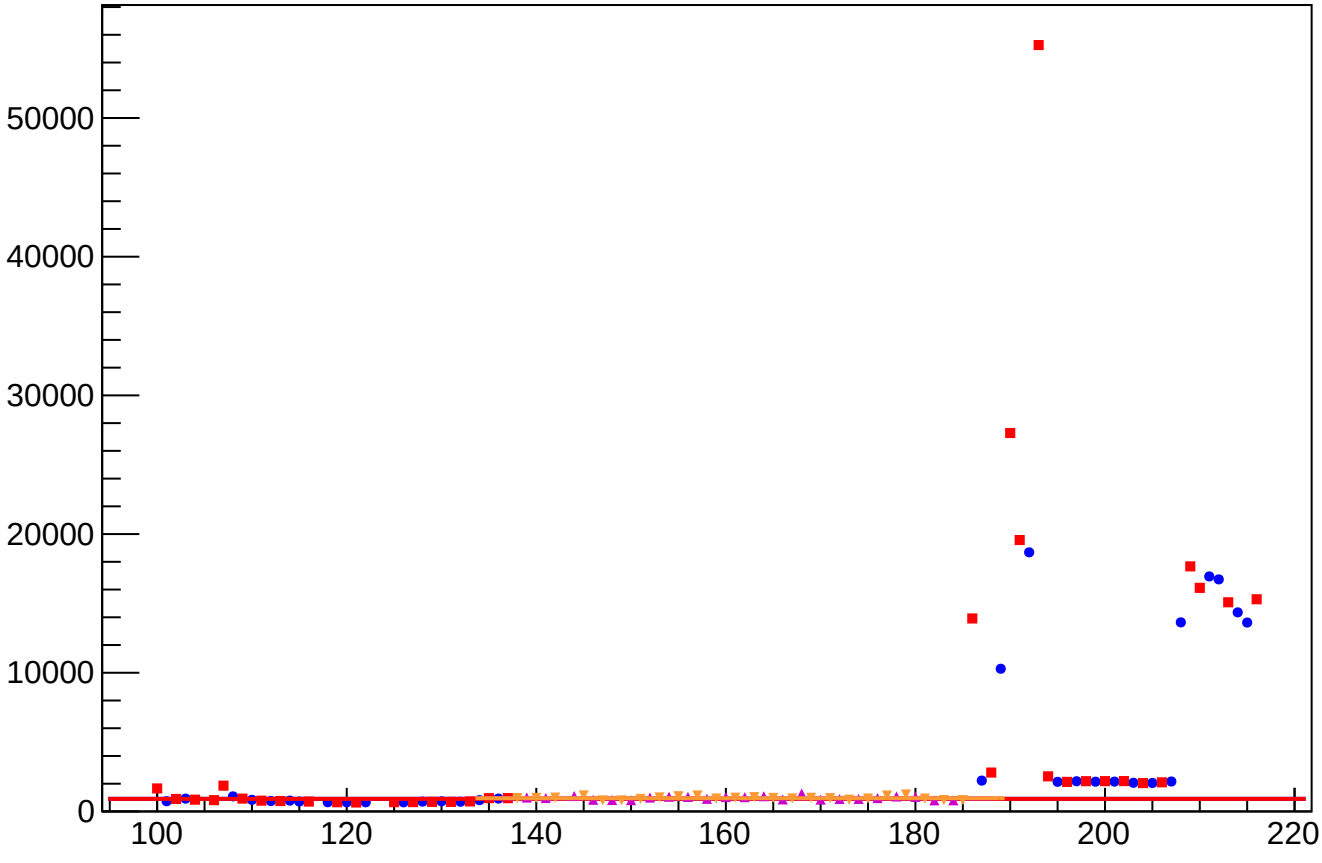
Left In: -941.702+/-228.324 χ^2/NDF:14.8/22

+ sign 1120.695+/-177.319 χ^2/NDF: 65.8/54

All: 64.029+/-125.281 χ^2/NDF: 182.3/111

- sign -989.214+/-177.031 χ^2/NDF: 45.6/56

asym_left_avg_rms vs Slug



Right In: 910.353+/-0.198 χ^2/NDF: 10632158.5/30

Left Out: 954.333+/-0.162 χ^2/NDF:460147.5/23

Right Out: 907.829+/-0.198 χ^2/NDF: 10191413.1/33

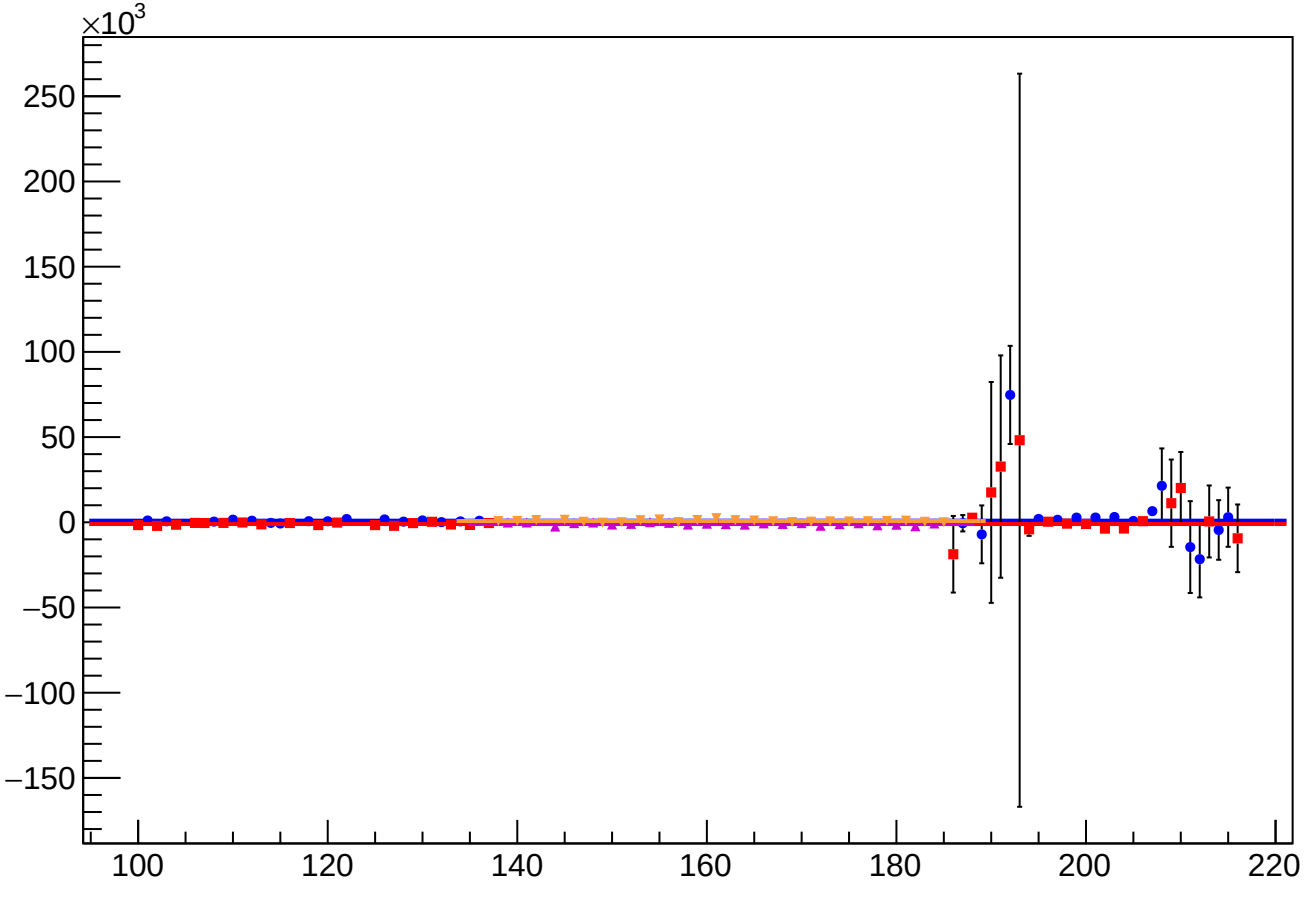
Left In: 946.573+/-0.161 χ^2/NDF:501366.9/22

+ sign 936.761+/-0.125 χ^2/NDF: 11121824.0/54

All: 933.936+/-0.089 χ^2/NDF: 21838585.1/11

- sign 931.121+/-0.125 χ^2/NDF: 10715747.7/56

reg_asym_left_dd_mean vs Slug



Right In: 957.088+/-209.692 χ^2/NDF: 23.8/30

Left Out: 757.642+/-133.942 χ^2/NDF:21.0/23

Right Out: -1016.017+/-202.642 χ^2/NDF: 20.2/33

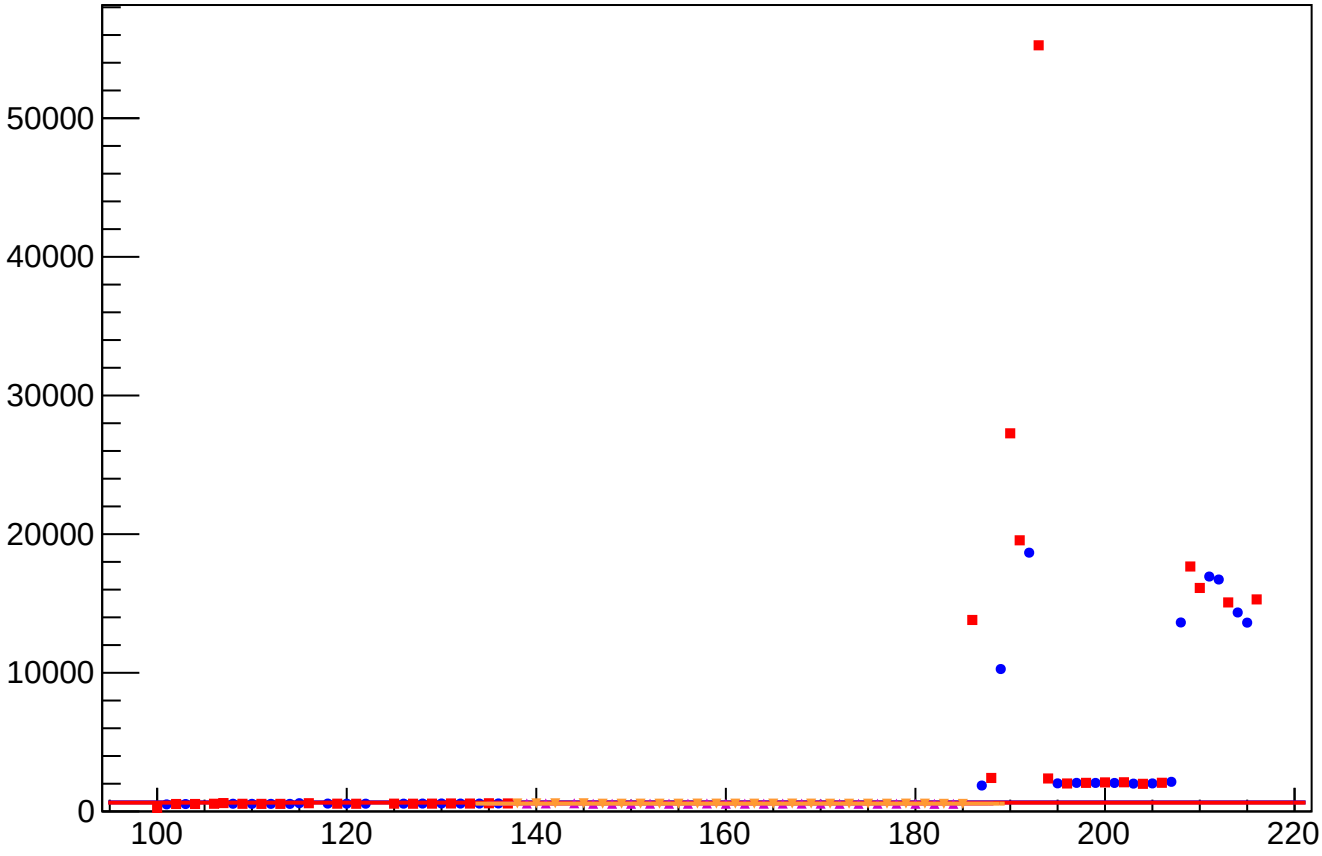
Left In: -958.517+/-134.824 χ^2/NDF:26.8/22

+ sign 815.437+/-112.879 χ^2/NDF: 45.5/54

All: -85.373+/-79.594 χ^2/NDF: 219.2/111

- sign -976.160+/-112.250 χ^2/NDF: 47.1/56

reg_asym_left_dd_rms vs Slug



Right In: 657.450+/-0.148 χ^2/NDF: 12050538.7/30

Left Out: 563.675+/-0.095 χ^2/NDF:9542.9/23

Right Out: 635.061+/-0.143 χ^2/NDF: 11476905.9/33

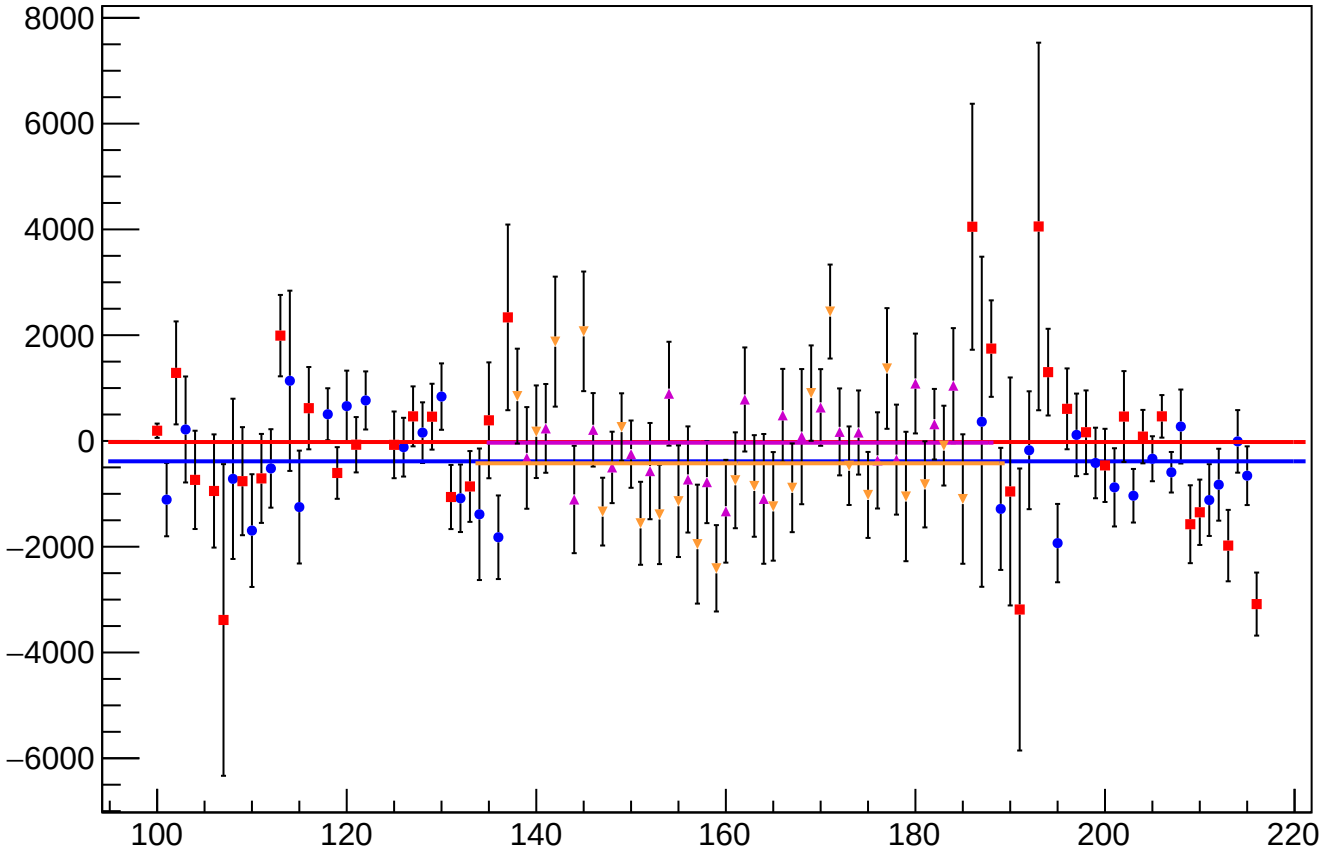
Left In: 563.934+/-0.095 χ^2/NDF:9204.6/22

+ sign 590.848+/-0.080 χ^2/NDF: 12344158.4/54

All: 588.289+/-0.056 χ^2/NDF: 24003107.4/11

- sign 585.759+/-0.079 χ^2/NDF: 11656904.3/56

asym_left_dd_correction_mean vs Slug



Right In: -385.065+/-120.801 χ^2/NDF: 35.6/30

Left Out: -422.324+/-180.531 χ^2/NDF:43.3/23

Right Out: -20.278+/-93.012 χ^2/NDF: 84.1/33

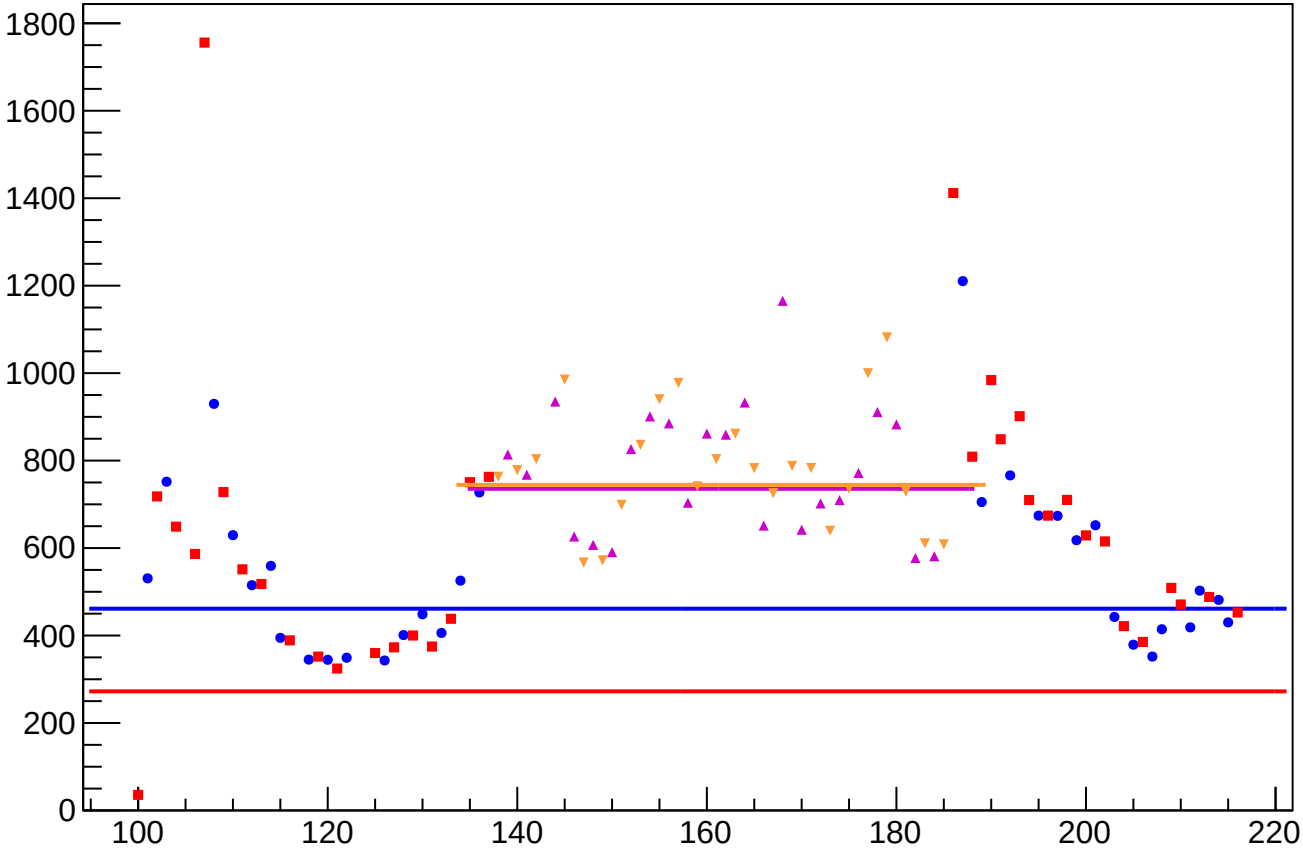
Left In: -33.325+/-179.355 χ^2/NDF:12.1/22

\+ sign -396.588+/-100.398 χ^2/NDF: 78.9/54

All: -173.759+/-63.772 χ^2/NDF: 183.4/111

\- sign -23.043+/-82.569 χ^2/NDF: 96.2/56

asym_left_dd_correction_rms vs Slug



Right In: 461.399+/-0.085 χ^2/NDF: 2254392.6/30

Left Out: 744.597+/-0.128 χ^2/NDF:1009604.0/23

Right Out: 272.332+/-0.066 χ^2/NDF: 14685178.3/33

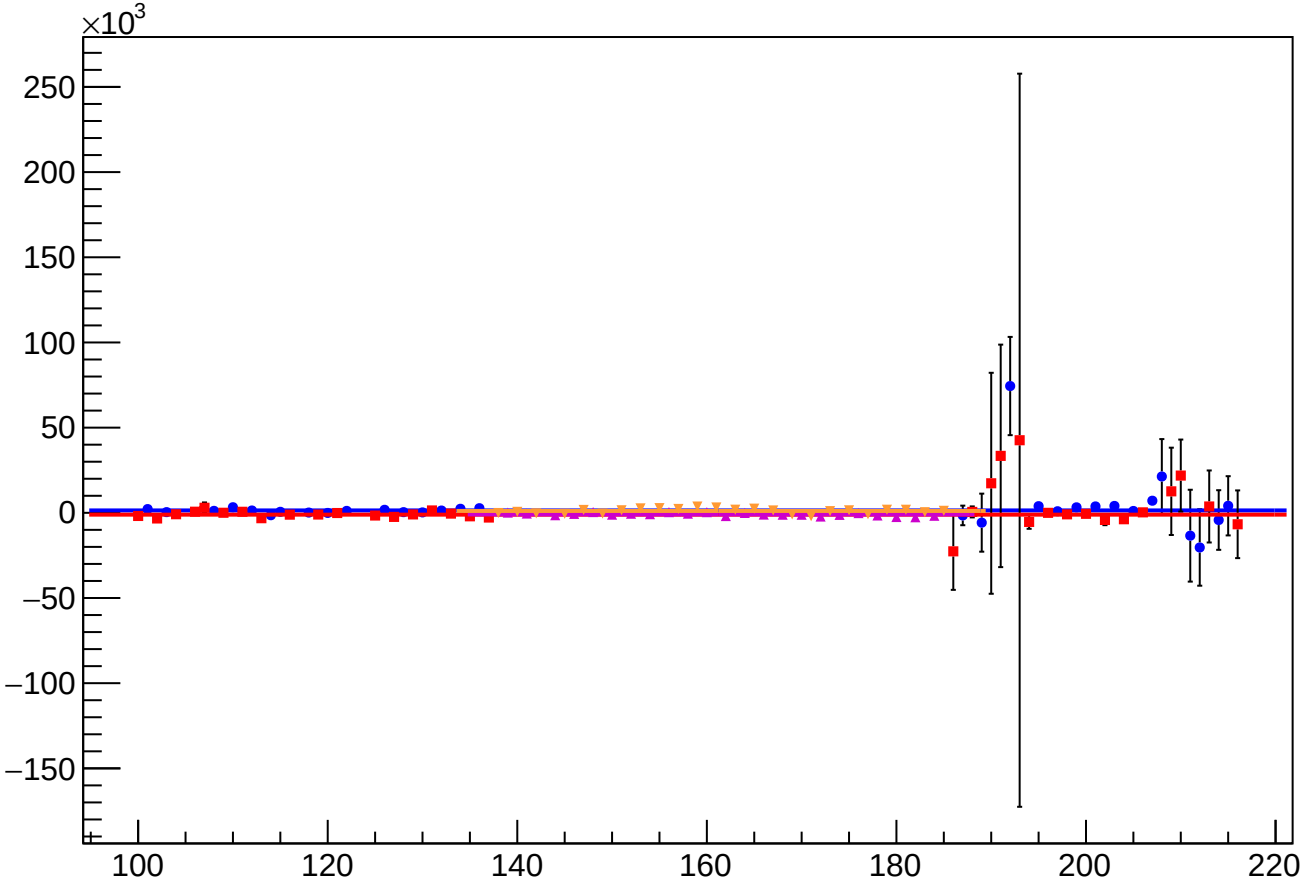
Left In: 735.543+/-0.127 χ^2/NDF:1105222.3/22

+ sign 548.984+/-0.071 χ^2/NDF: 6663472.5/54

All: 442.516+/-0.045 χ^2/NDF: 36737185.4/11

- sign 370.503+/-0.058 χ^2/NDF: 26303254.6/56

asym_left_dd_mean vs Slug



Right In: 1406.815+/-280.422 χ^2/NDF: 31.1/30

Left Out: 1105.144+/-228.700 χ^2/NDF:38.3/23

Right Out: -1070.576+/-269.430 χ^2/NDF: 29.6/33

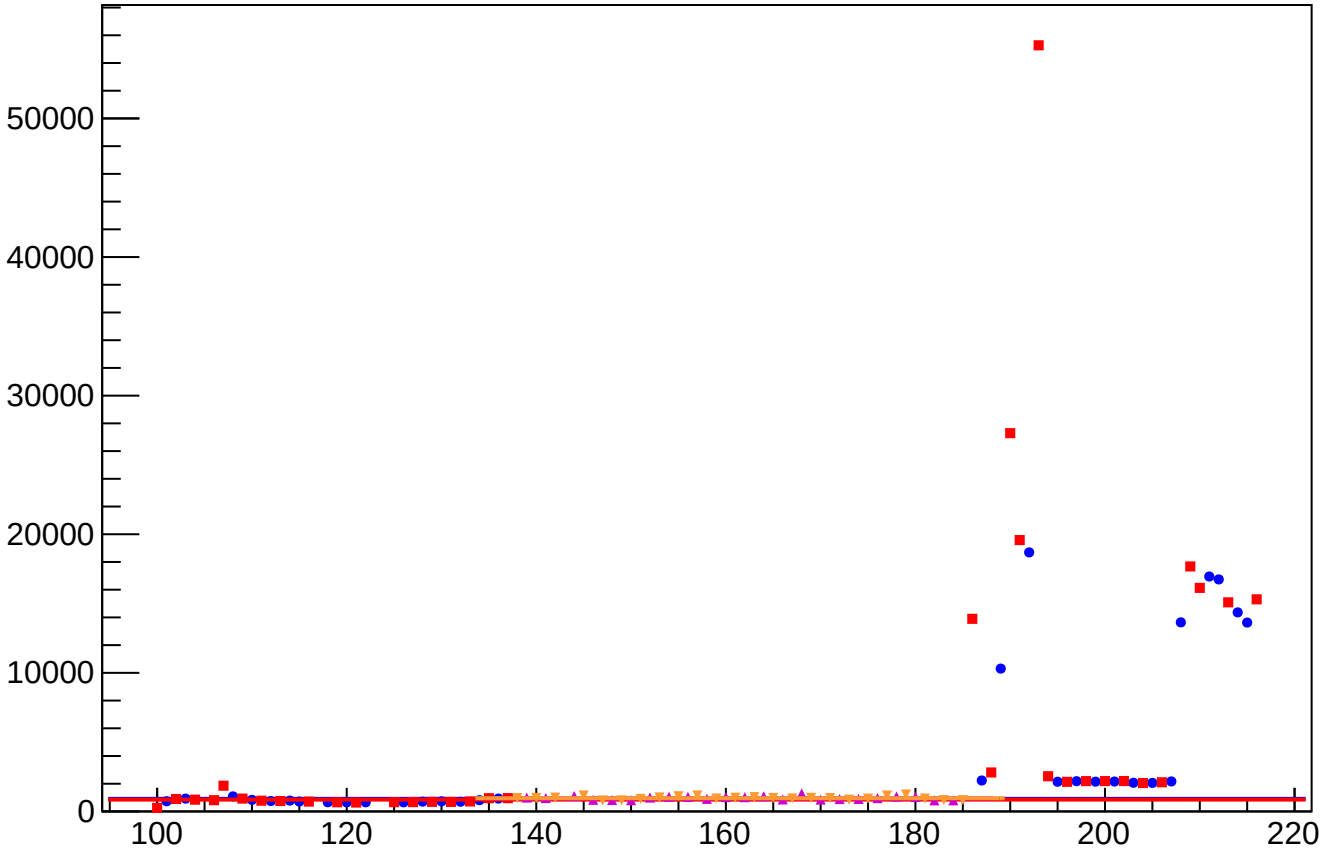
Left In: -926.281+/-228.196 χ^2/NDF:15.1/22

+ sign 1225.646+/-177.232 χ^2/NDF: 70.0/54

All: 100.034+/-124.212 χ^2/NDF: 194.2/111

- sign -986.554+/-174.133 χ^2/NDF: 44.9/56

asym_left_dd_rms vs Slug



Right In: 909.604+/-0.198 χ^2/NDF: 10653044.7/30

Left Out: 953.781+/-0.162 χ^2/NDF:460211.0/23

Right Out: 855.433+/-0.191 χ^2/NDF: 11009056.6/33

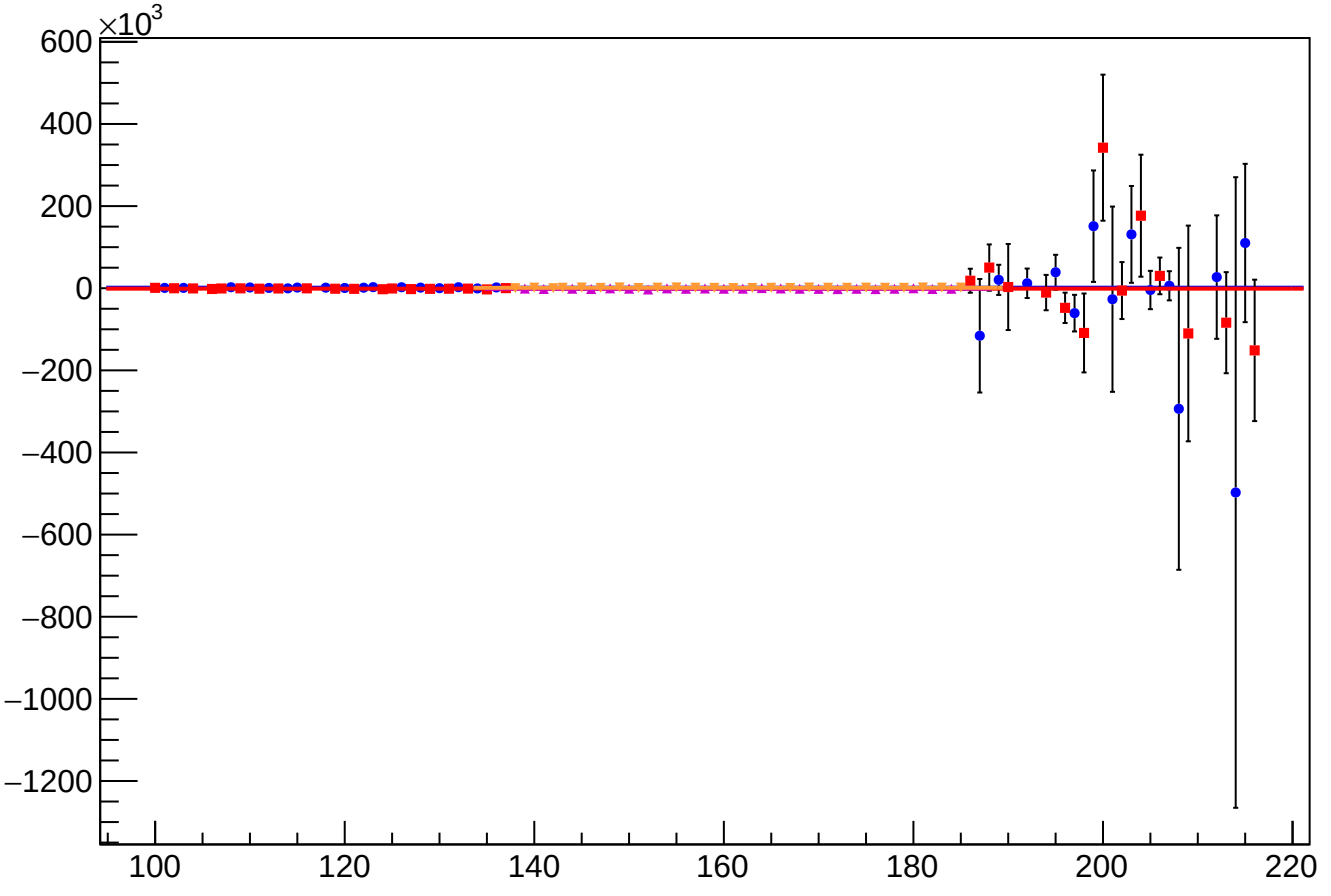
Left In: 946.041+/-0.161 χ^2/NDF:501442.7/22

+ sign 936.135+/-0.125 χ^2/NDF: 11143064.8/54

All: 921.918+/-0.088 χ^2/NDF: 22810565.4/11

- sign 908.193+/-0.123 χ^2/NDF: 11642207.6/56

reg_asym_right_avg_mean vs Slug



Right In: 1325.256+/-218.579 χ^2/NDF: 20.4/30

Left Out: 1073.626+/-129.690 χ^2/NDF:15.1/24

Right Out: -1040.074+/-212.061 χ^2/NDF: 24.7/31

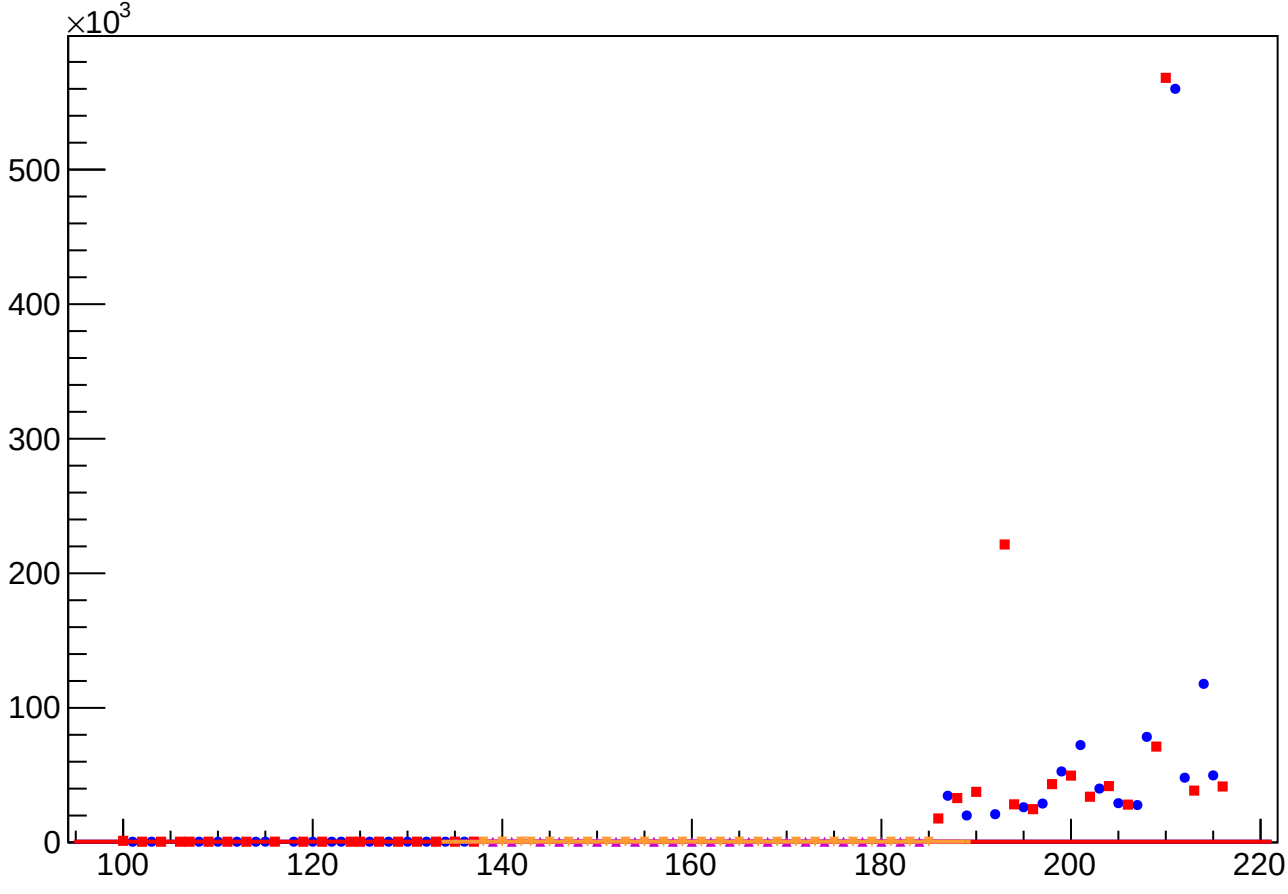
Left In: -1123.857+/-133.163 χ^2/NDF:30.0/22

+ sign 1139.145+/-111.535 χ^2/NDF: 36.5/55

All: 31.848+/-79.301 χ^2/NDF: 290.7/110

- sign -1100.163+/-112.773 χ^2/NDF: 54.8/54

reg_asym_right_avg_rms vs Slug



Right In: 568.709+/-0.155 χ^2/NDF: 6261848.9/31

Left Out: 557.534+/-0.092 χ^2/NDF:14752.8/24

Right Out: 569.930+/-0.150 χ^2/NDF: 6045535.5/33

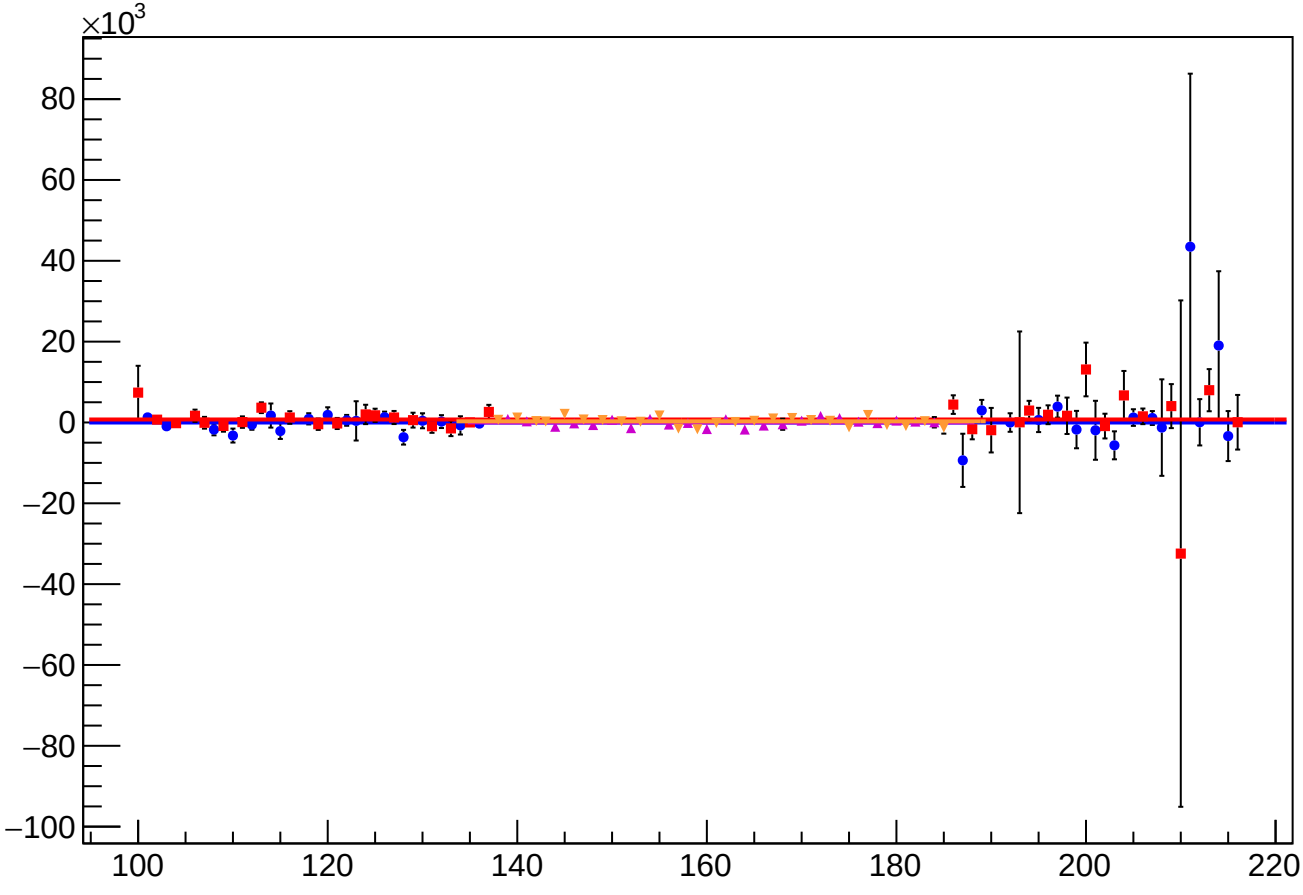
Left In: 556.969+/-0.094 χ^2/NDF:11209.7/22

+ sign 560.444+/-0.079 χ^2/NDF: 6280467.8/56

All: 560.538+/-0.056 χ^2/NDF: 12342574.0/11

- sign 560.634+/-0.080 χ^2/NDF: 6062103.3/56

asym_right_avg_correction_mean vs Slug



Right In: -8.974+/-306.015 χ^2/NDF: 28.7/31

Left Out: 281.875+/-180.423 χ^2/NDF:26.7/24

Right Out: 737.697+/-311.228 χ^2/NDF: 27.2/33

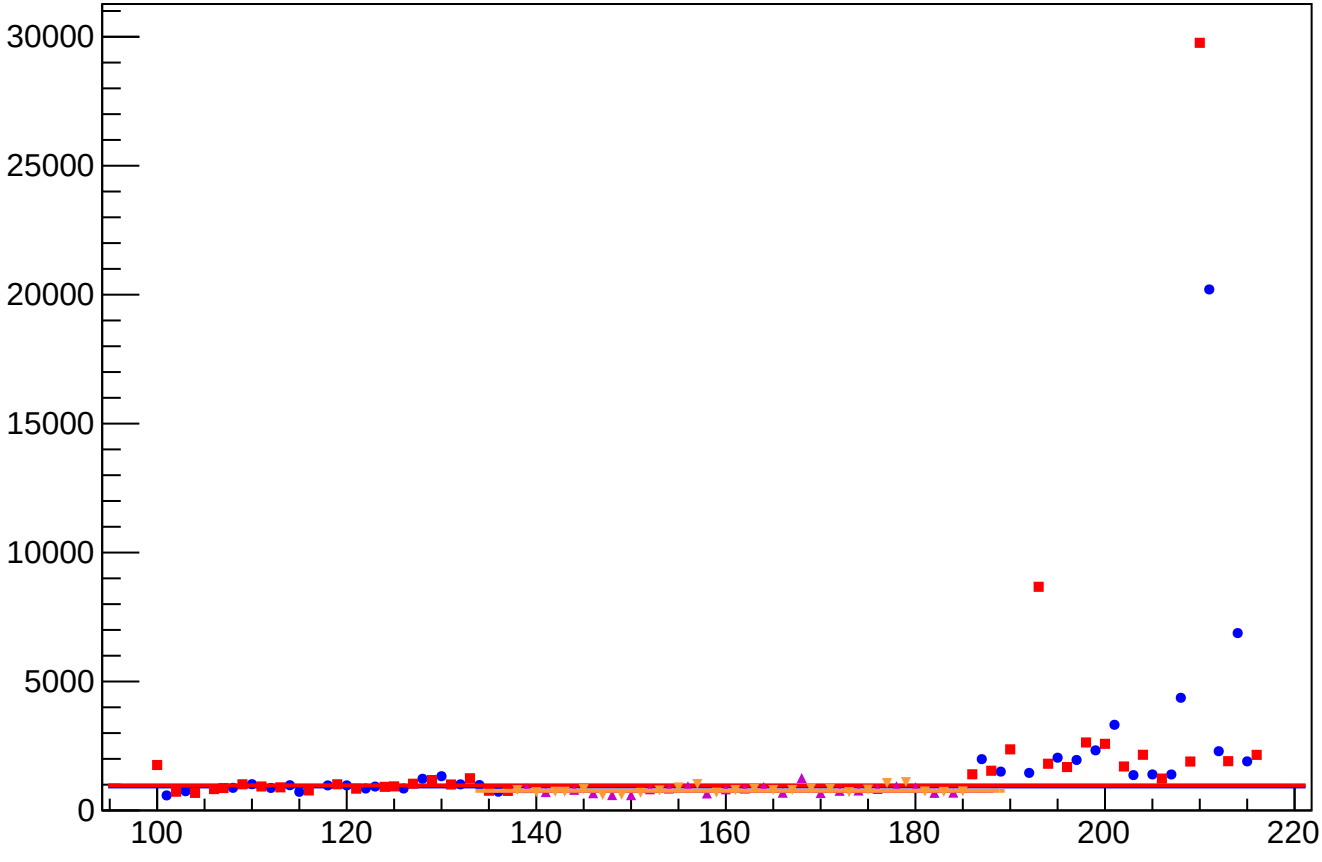
Left In: 8.211+/-183.382 χ^2/NDF:20.2/22

\+ sign 206.851+/-155.421 χ^2/NDF: 56.1/56

All: 201.616+/-110.798 χ^2/NDF: 107.5/113

\- sign 196.206+/-157.995 χ^2/NDF: 51.4/56

asym_right_avg_correction_rms vs Slug



Right In: 931.109+/-0.216 χ^2/NDF: 3275648.2/31

Left Out: 763.085+/-0.128 χ^2/NDF:753700.1/24

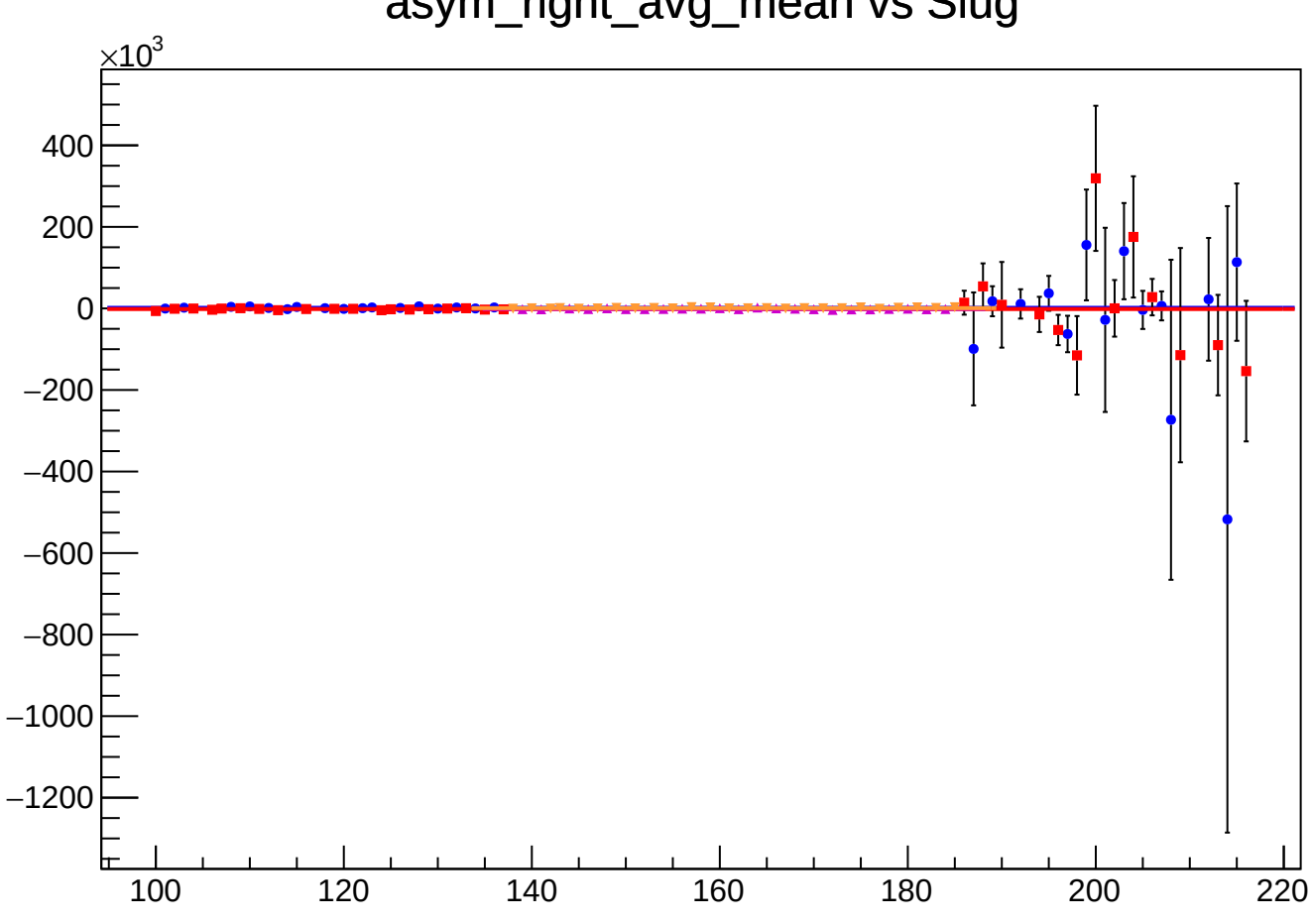
Right Out: 972.232+/-0.220 χ^2/NDF: 2815434.6/33

Left In: 754.099+/-0.130 χ^2/NDF:931829.3/22

+ sign 806.427+/-0.110 χ^2/NDF: 4476780.1/56

All: 808.339+/-0.078 χ^2/NDF: 8953941.2/113

- sign 810.314+/-0.112 χ^2/NDF: 4476545.8/56



Right In: 1501.500+/-402.534 χ^2/NDF: 24.7/30

Left Out: 739.641+/-225.535 χ^2/NDF:21.5/24

Right Out: -1487.677+/-400.595 χ^2/NDF: 23.2/31

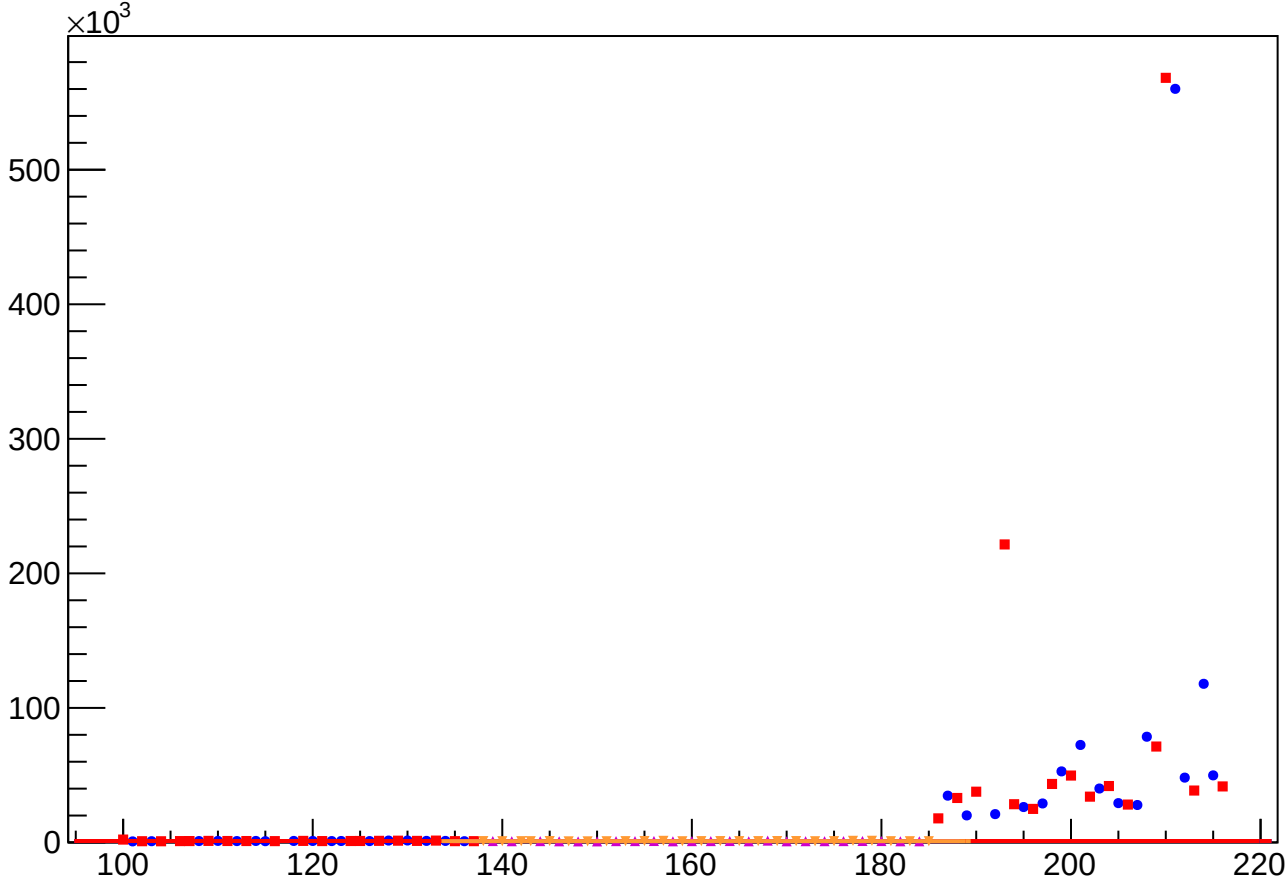
Left In: -1124.587+/-230.065 χ^2/NDF:25.4/22

+ sign 921.665+/-196.756 χ^2/NDF: 48.9/55

All: -131.675+/-140.089 χ^2/NDF: 156.3/110

- sign -1214.642+/-199.504 χ^2/NDF: 49.2/54

asym_right_avg_rms vs Slug



Right In: 1039.256+/-0.285 χ^2/NDF: 6390386.1/31

Left Out: 962.256+/-0.159 χ^2/NDF:362937.6/24

Right Out: 1073.976+/-0.283 χ^2/NDF: 6033865.9/33

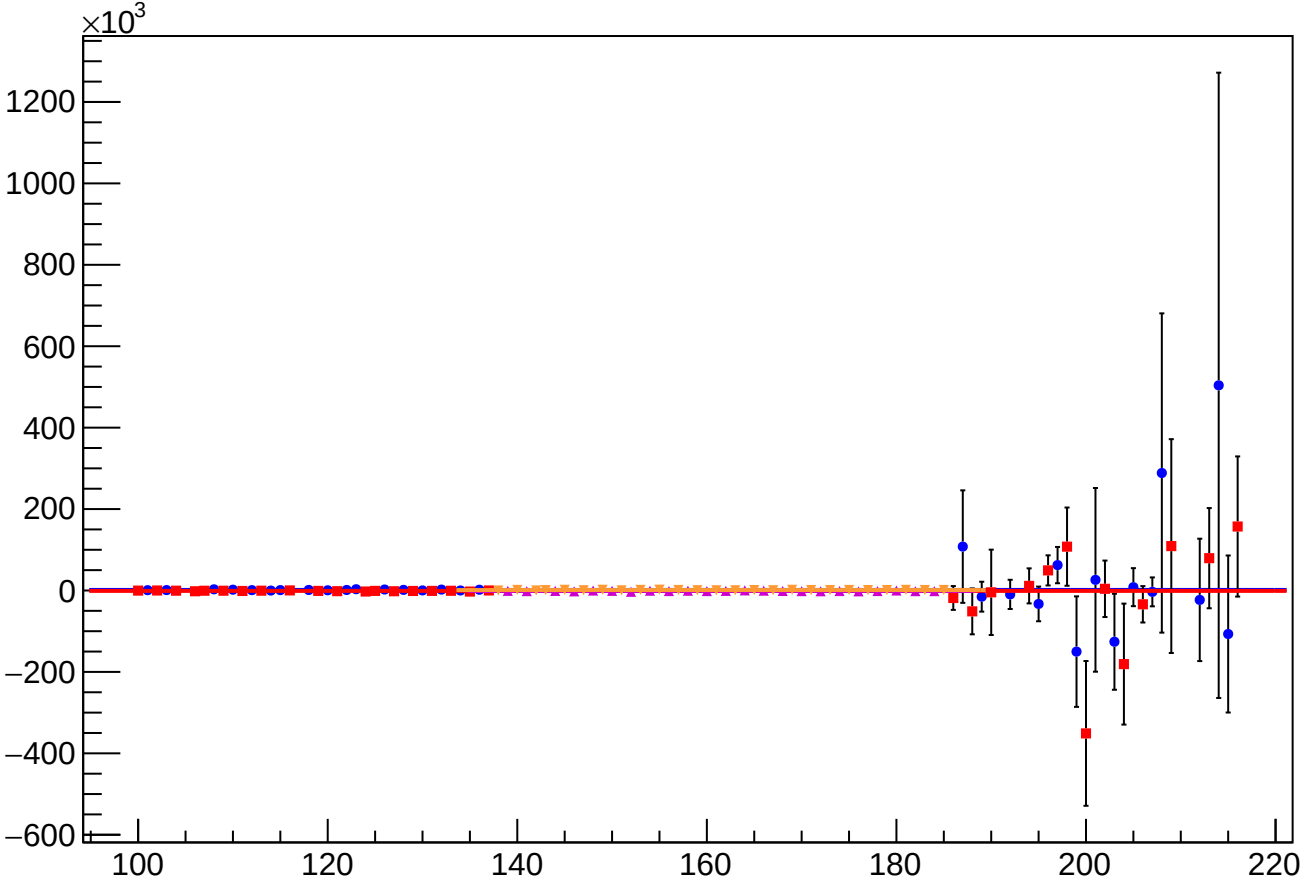
Left In: 954.643+/-0.163 χ^2/NDF:443395.0/22

+ sign 980.653+/-0.139 χ^2/NDF: 6809022.7/56

All: 982.422+/-0.099 χ^2/NDF: 13420070.3/11

- sign 984.241+/-0.141 χ^2/NDF: 6610719.6/56

reg_asym_right_dd_mean vs Slug



Right In: 1344.338+/-218.833 χ^2/NDF: 19.2/30

Left Out: 1087.627+/-129.821 χ^2/NDF:14.9/24

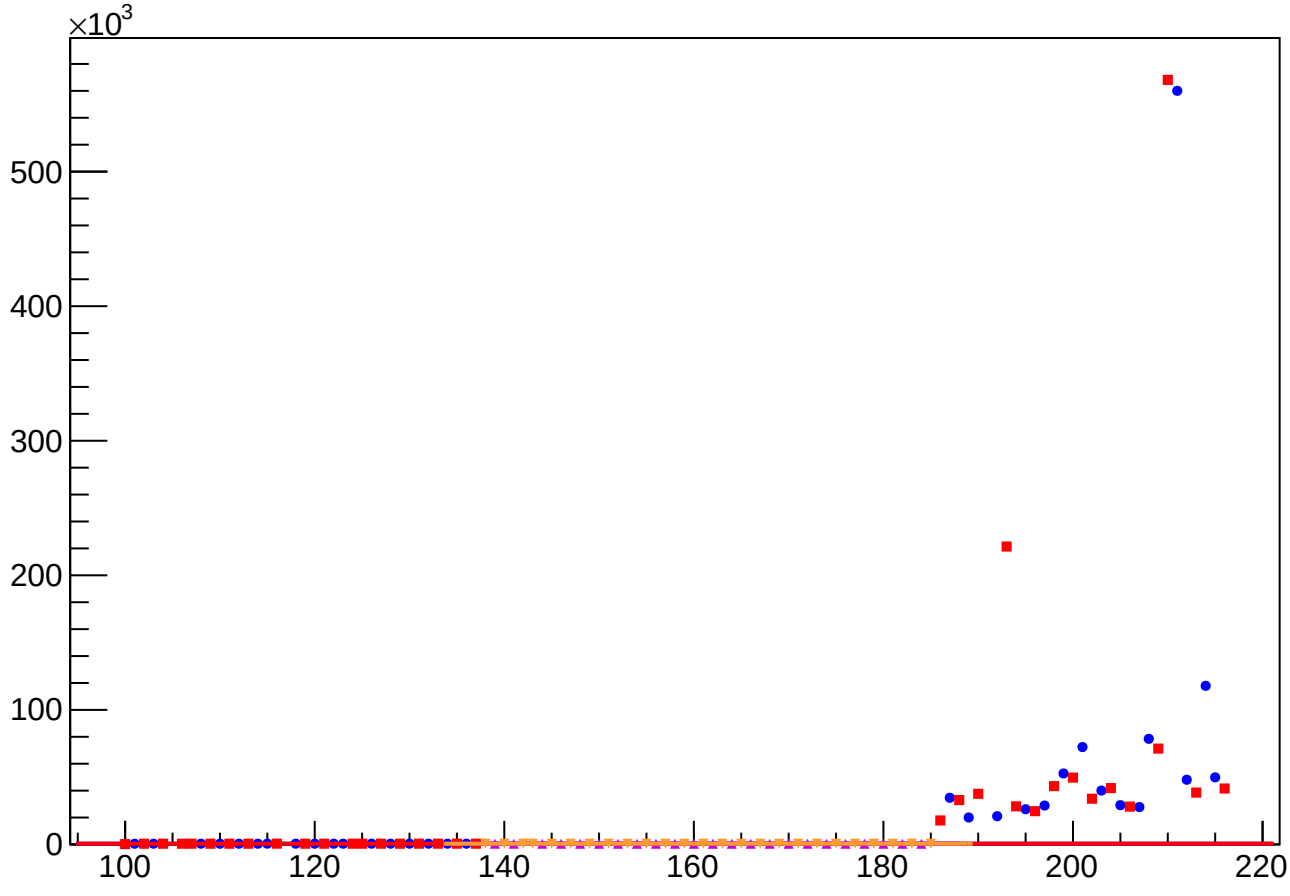
Right Out: -965.598+/-208.596 χ^2/NDF: 23.9/31

Left In: -1189.481+/-133.313 χ^2/NDF:32.2/22

+ sign 1154.454+/-111.652 χ^2/NDF: 35.1/55

All: 21.865+/-79.189 χ^2/NDF: 299.1/110

- sign -1124.556+/-112.332 χ^2/NDF: 56.9/54



Right In: 569.372+/-0.155 χ^2/NDF: 6262063.1/31

Left Out: 558.099+/-0.092 χ^2/NDF:14785.2/24

Right Out: 558.917+/-0.147 χ^2/NDF: 6133422.6/33

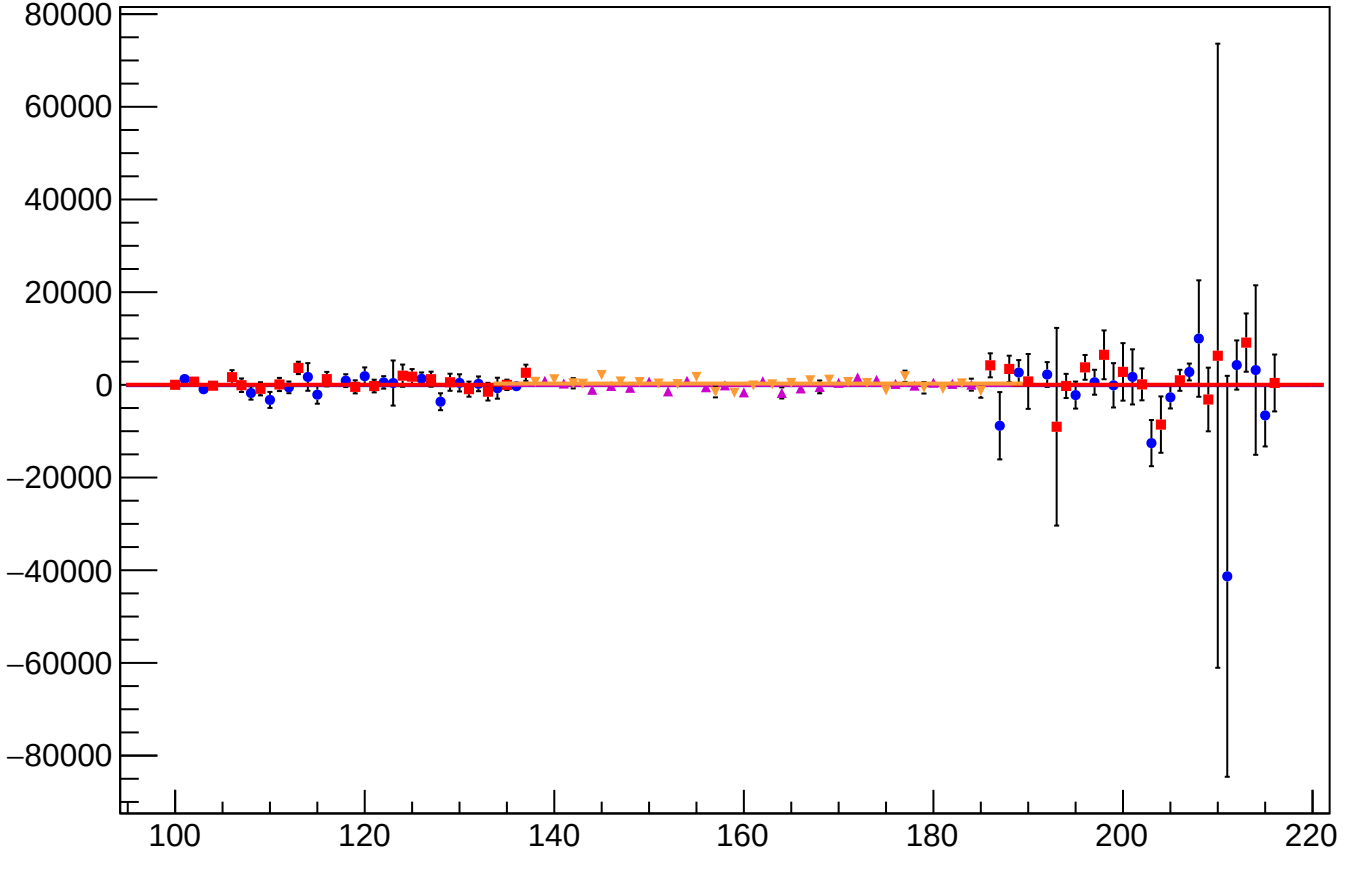
Left In: 557.597+/-0.094 χ^2/NDF:11276.8/22

+ sign 561.034+/-0.079 χ^2/NDF: 6280774.2/56

All: 559.516+/-0.056 χ^2/NDF: 12426274.3/11

- sign 557.979+/-0.079 χ^2/NDF: 6144756.3/56

asym_right_dd_correction_mean vs Slug



Right In: -61.747+/-308.896 χ^2/NDF: 34.1/31

Left Out: 281.402+/-180.478 χ^2/NDF:26.8/24

Right Out: 23.069+/-38.925 χ^2/NDF: 28.3/33

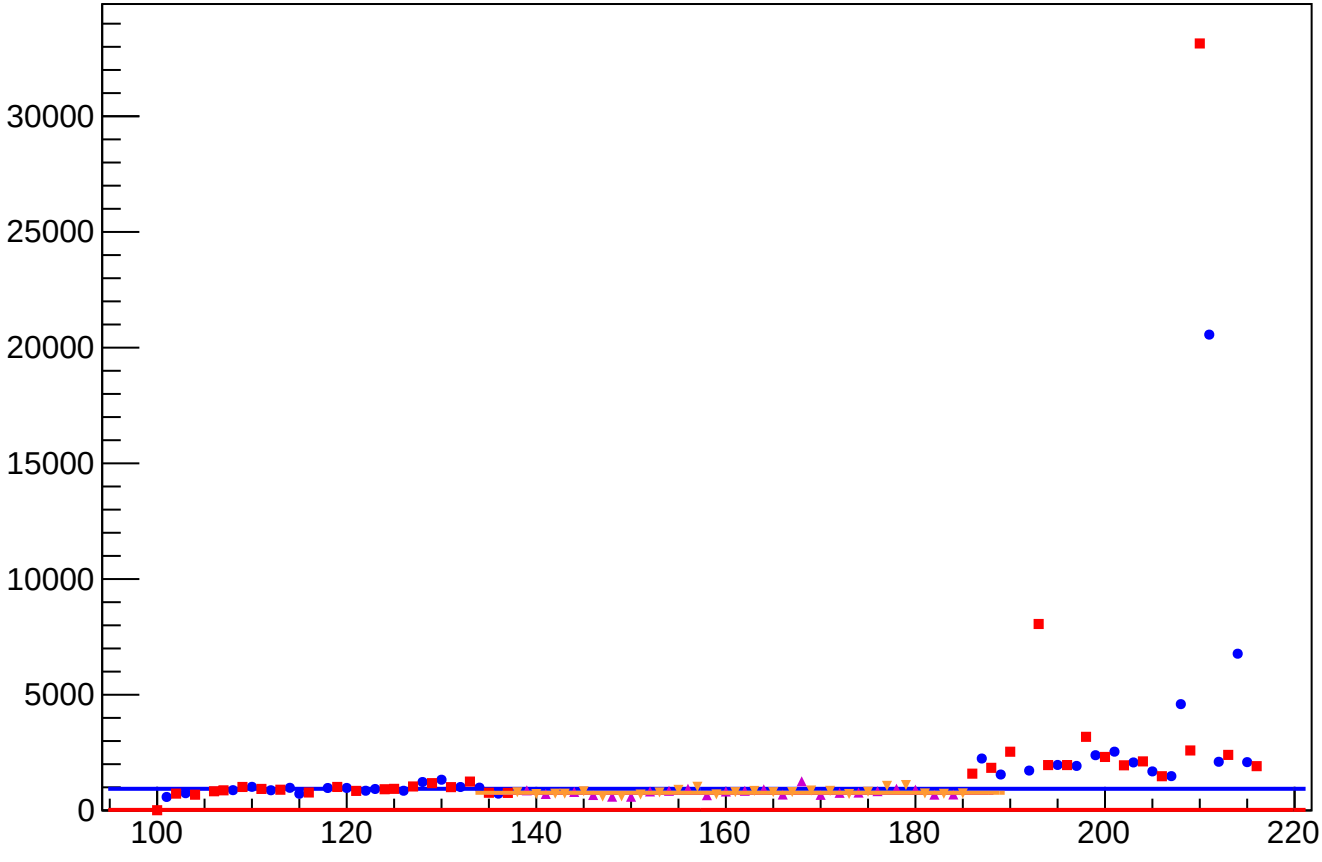
Left In: 7.306+/-183.473 χ^2/NDF:20.1/22

+ sign 194.073+/-155.830 χ^2/NDF: 61.8/56

All: 32.063+/-36.989 χ^2/NDF: 111.4/113

- sign 22.390+/-38.077 χ^2/NDF: 48.4/56

asym_right_dd_correction_rms vs Slug



Right In: 935.662+/-0.218 χ^2/NDF: 3469048.1/31

Left Out: 763.307+/-0.128 χ^2/NDF:753728.9/24

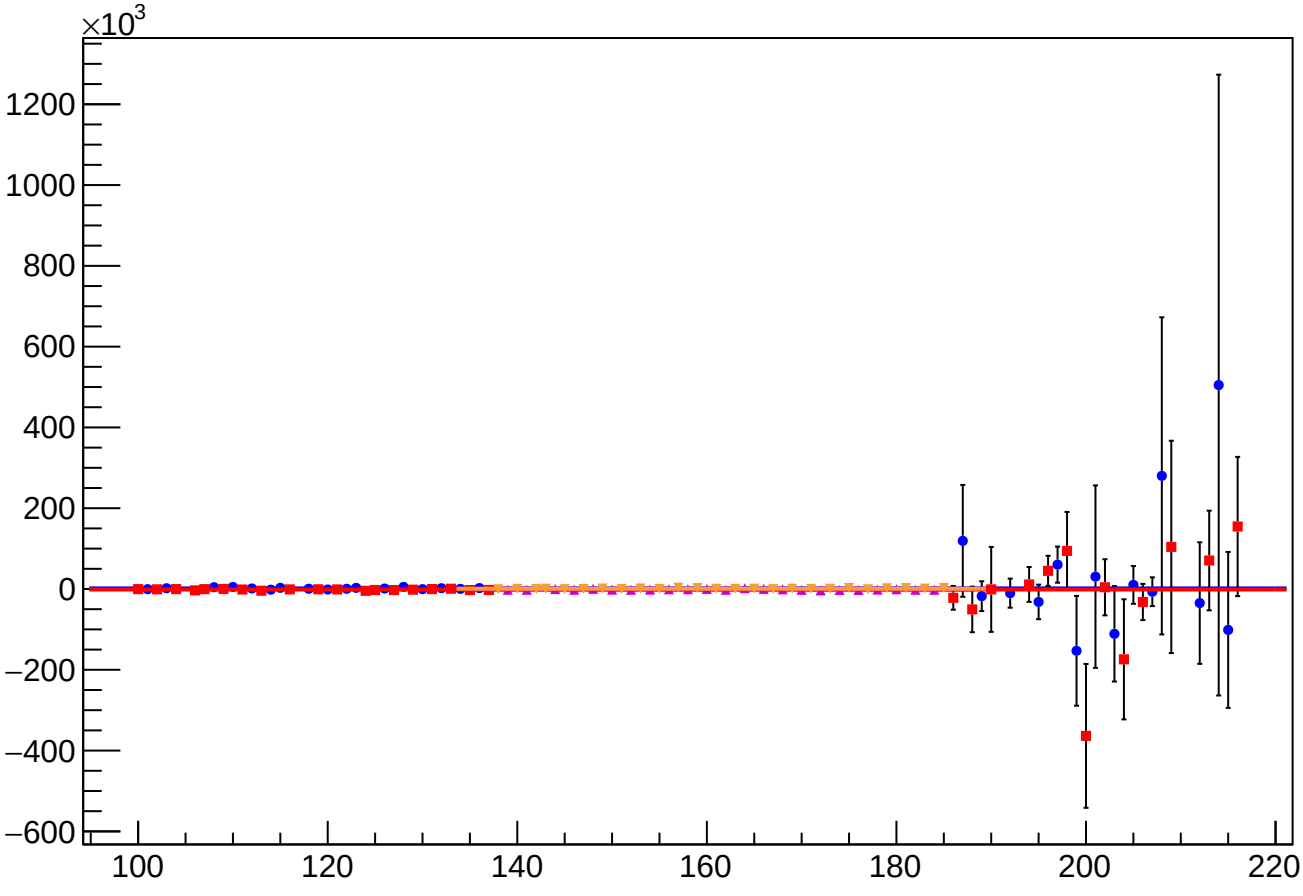
Right Out: 24.729+/-0.028 χ^2/NDF: 21788354.6/33

Left In: 754.483+/-0.130 χ^2/NDF:931536.8/22

+ sign 807.170+/-0.110 χ^2/NDF: 4686984.1/56

All: 98.475+/-0.026 χ^2/NDF: 101520690.6/11

- sign 56.160+/-0.027 χ^2/NDF: 52997202.0/56



Right In: 1515.257+/-402.757 χ^2/NDF: 24.8/30

Left Out: 742.825+/-225.658 χ^2/NDF:20.2/24

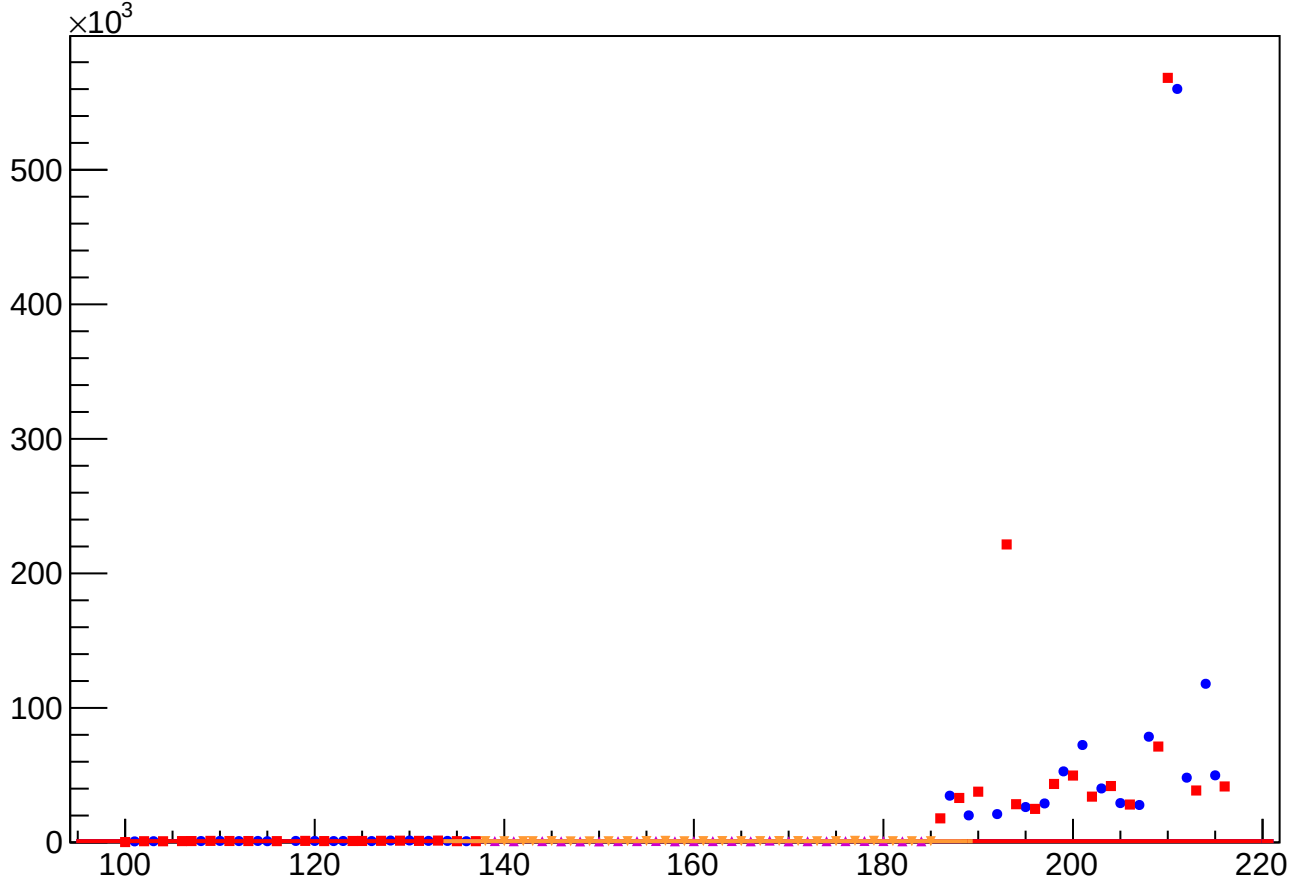
Right Out: -1289.064+/-376.577 χ^2/NDF: 23.5/31

Left In: -1176.288+/-230.229 χ^2/NDF:24.2/22

+ sign 927.372+/-196.864 χ^2/NDF: 47.9/55

All: -142.172+/-139.049 χ^2/NDF: 154.6/110

- sign -1206.972+/-196.427 χ^2/NDF: 47.8/54



Right In: 1039.840+/-0.285 χ^2/NDF: 6391083.2/31

Left Out: 962.776+/-0.160 χ^2/NDF:362837.8/24

Right Out: 978.400+/-0.266 χ^2/NDF: 6908195.3/33

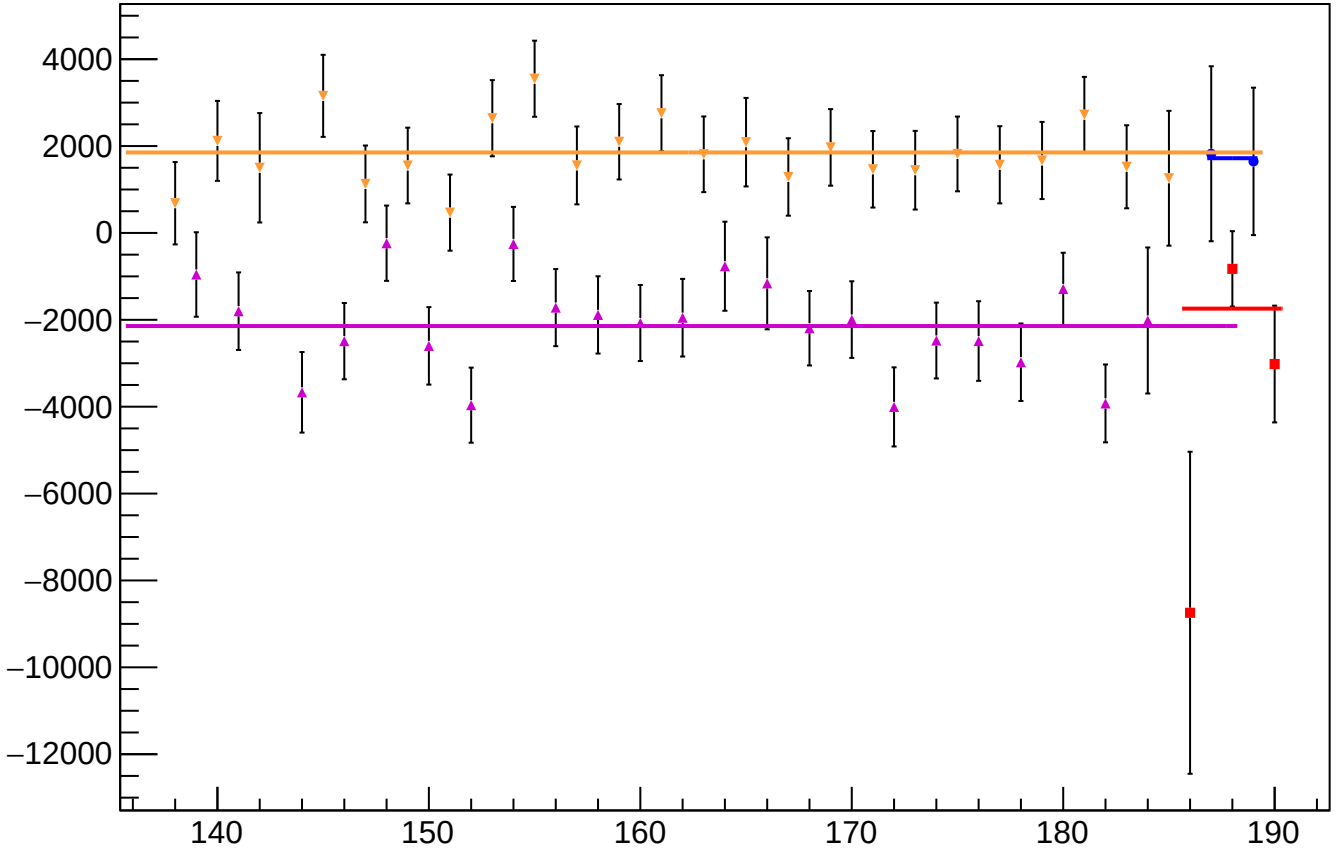
Left In: 955.331+/-0.163 χ^2/NDF:443068.5/22

+ sign 981.188+/-0.139 χ^2/NDF: 6809648.8/56

All: 971.376+/-0.098 χ^2/NDF: 14176291.4/11

- sign 961.607+/-0.139 χ^2/NDF: 7356727.4/56

cor_asym_us_avg_mean vs Slug



Right In: 1720.097+/-1297.686 χ^2/NDF: 0.0/1

Left Out: 1852.926+/-187.412 χ^2/NDF:15.0/23

Right Out: -1742.386+/-715.276 χ^2/NDF: 5.6/2

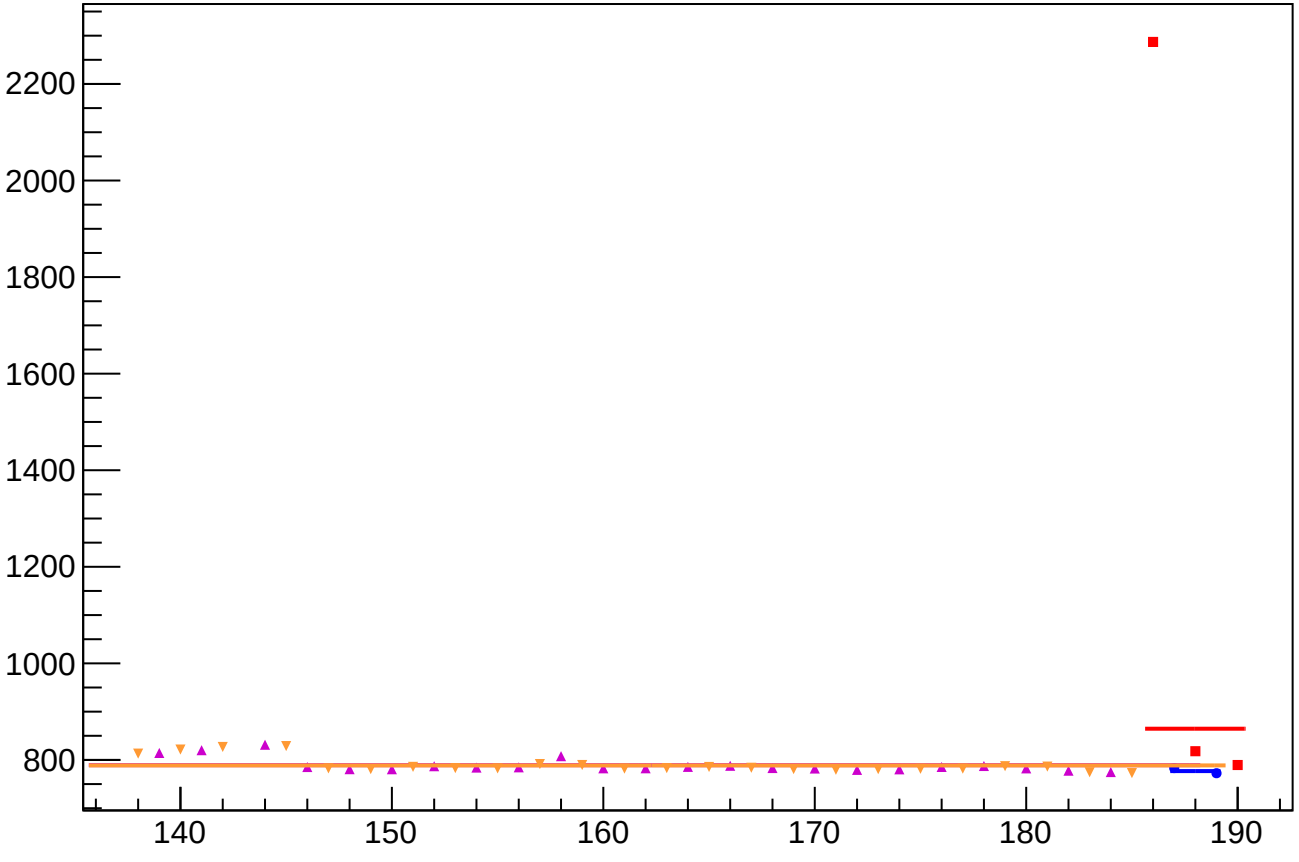
Left In: -2143.254+/-190.144 χ^2/NDF:32.4/22

+ sign 1850.213+/-185.488 χ^2/NDF: 15.0/25

All: -151.835+/-130.545 χ^2/NDF: 284.1/51

- sign -2116.795+/-183.762 χ^2/NDF: 38.2/25

cor_asym_us_avg_rms vs Slug



Right In: 776.892+/-0.918 χ^2/NDF: 32.5/1

Left Out: 788.658+/-0.133 χ^2/NDF:11499.7/23

Right Out: 864.658+/-0.506 χ^2/NDF: 306489.7/2

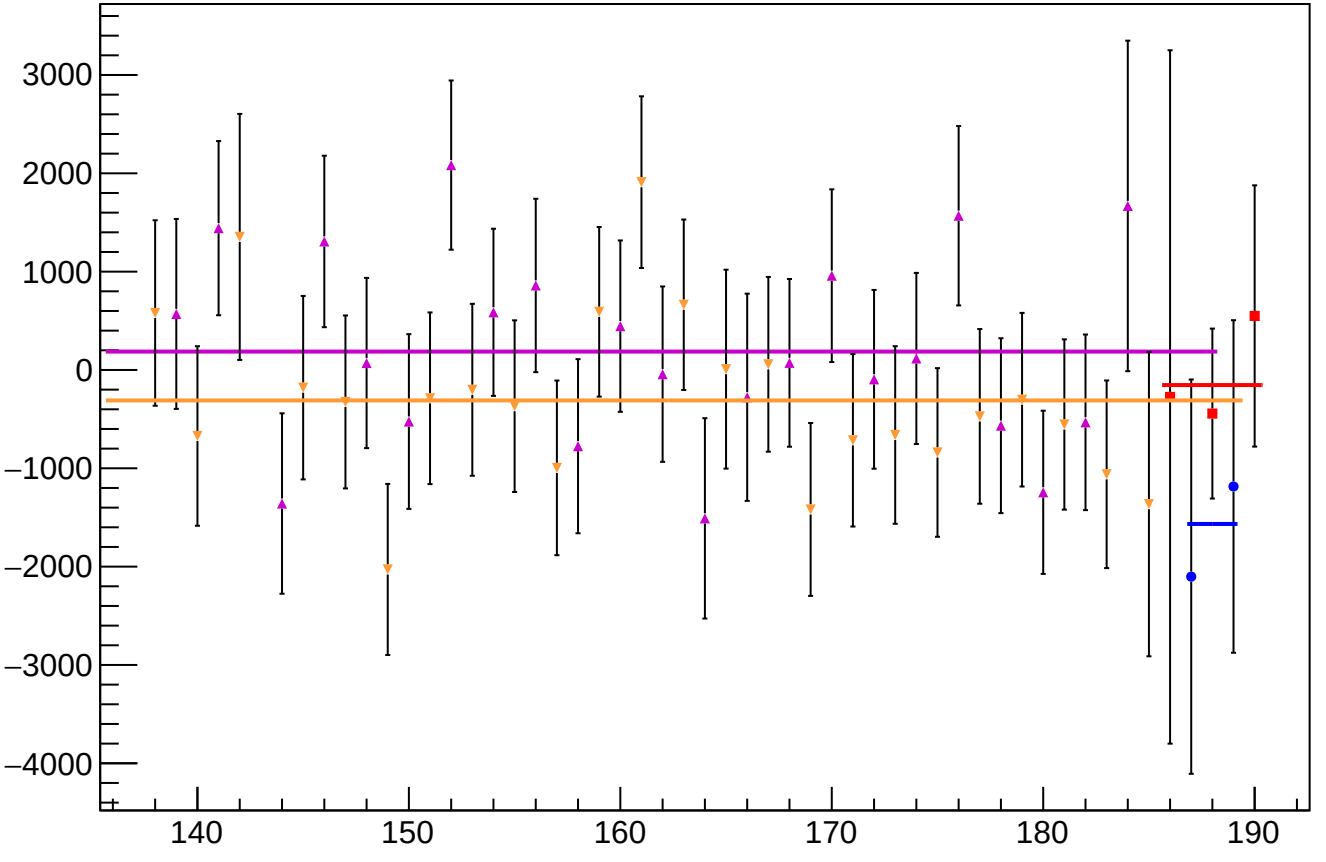
Left In: 789.176+/-0.134 χ^2/NDF:10860.4/22

+ sign 788.418+/-0.131 χ^2/NDF: 11693.3/25

All: 791.315+/-0.092 χ^2/NDF: 350812.6/51

- sign 794.158+/-0.130 χ^2/NDF: 338152.4/25

cor_asym_us_dd_mean vs Slug



Right In: -1566.105+/-1292.689 χ^2/NDF: 0.1/1

Left Out: -309.656+/-186.542 χ^2/NDF:20.0/23

Right Out: -153.360+/-709.634 χ^2/NDF: 0.4/2

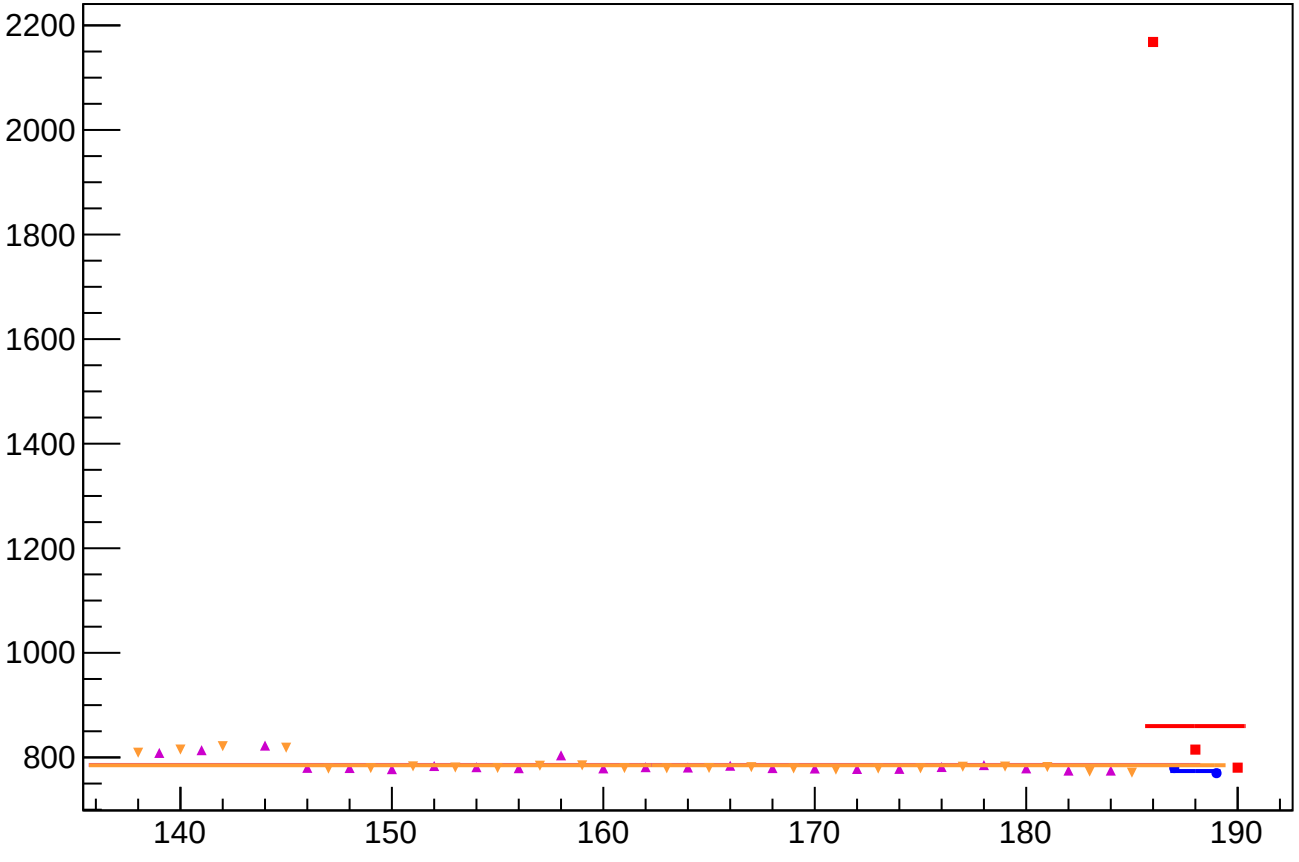
Left In: 187.105+/-189.265 χ^2/NDF:25.6/22

+ sign -335.286+/-184.630 χ^2/NDF: 21.0/25

All: -83.007+/-129.927 χ^2/NDF: 50.9/51

- sign 164.494+/-182.873 χ^2/NDF: 26.2/25

cor_asym_us_dd_rms vs Slug



Right In: 773.922+/-0.914 χ^2/NDF: 27.7/1

Left Out: 785.050+/-0.132 χ^2/NDF:9365.3/23

Right Out: 859.900+/-0.502 χ^2/NDF: 287948.2/2

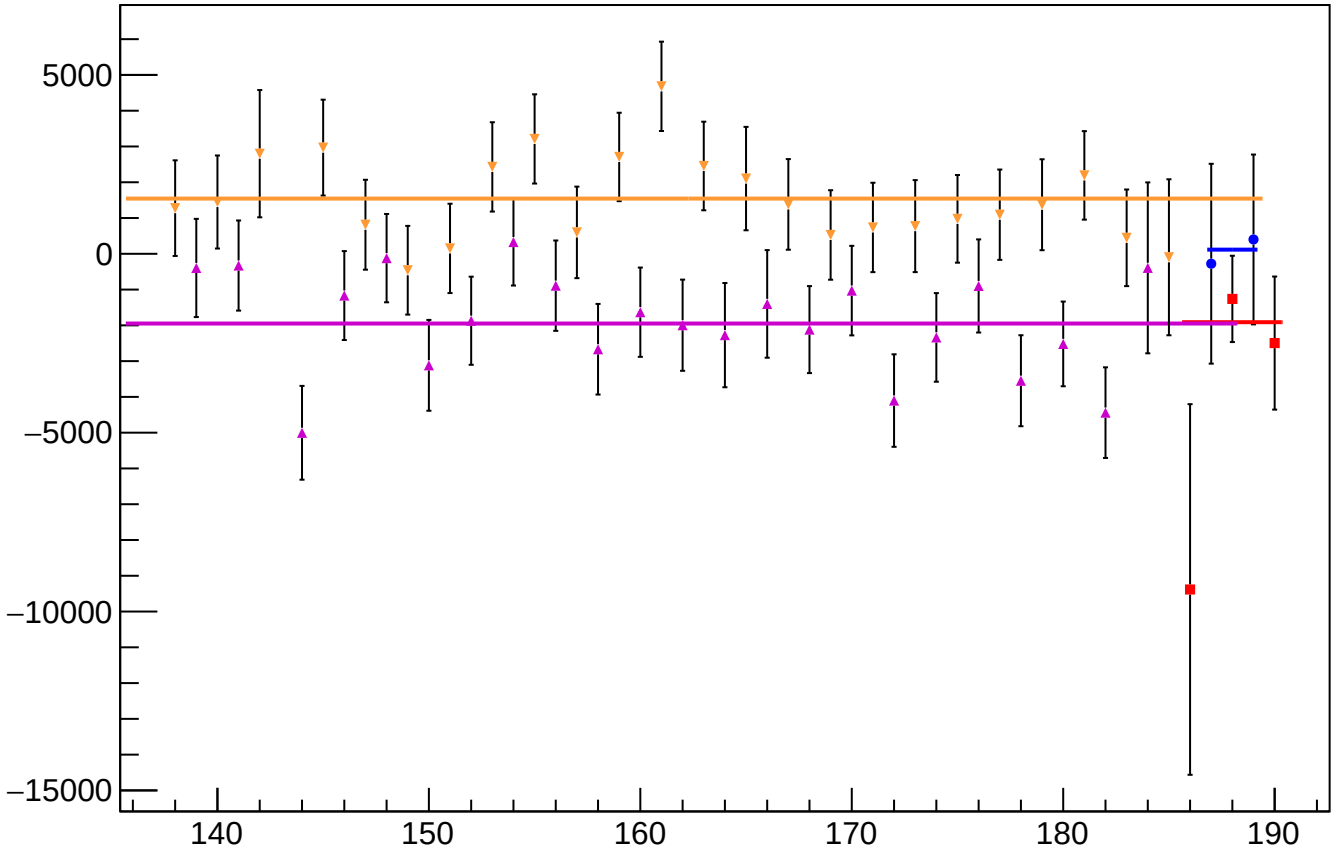
Left In: 785.562+/-0.134 χ^2/NDF:9033.0/22

+ sign 784.823+/-0.131 χ^2/NDF: 9538.2/25

All: 787.688+/-0.092 χ^2/NDF: 327963.5/51

- sign 790.499+/-0.129 χ^2/NDF: 317471.3/25

cor_asym_usl_mean vs Slug



Right In: 116.401+/-1808.672 χ^2/NDF: 0.0/1

Left Out: 1543.729+/-266.278 χ^2/NDF:19.9/23

Right Out: -1911.693+/-993.236 χ^2/NDF: 2.5/2

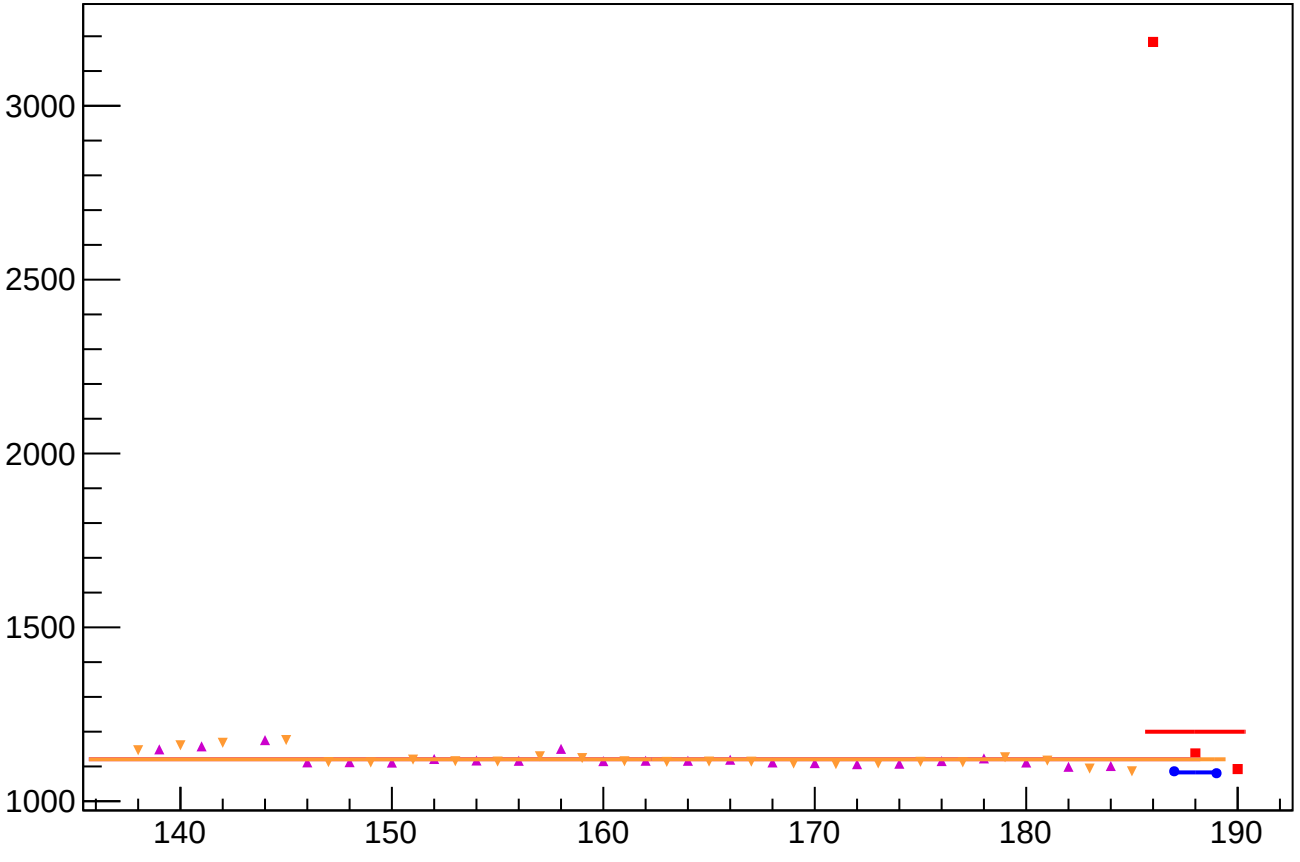
Left In: -1949.077+/-270.080 χ^2/NDF:26.8/22

+ sign 1513.448+/-263.439 χ^2/NDF: 20.6/25

All: -235.158+/-185.274 χ^2/NDF: 137.0/51

- sign -1946.503+/-260.617 χ^2/NDF: 29.2/25

cor_asym_usl_rms vs Slug



Right In: 1082.866+/-1.279 χ^2/NDF: 4.6/1

Left Out: 1120.578+/-0.188 χ^2/NDF:10264.0/23

Right Out: 1199.844+/-0.702 χ^2/NDF: 305356.1/2

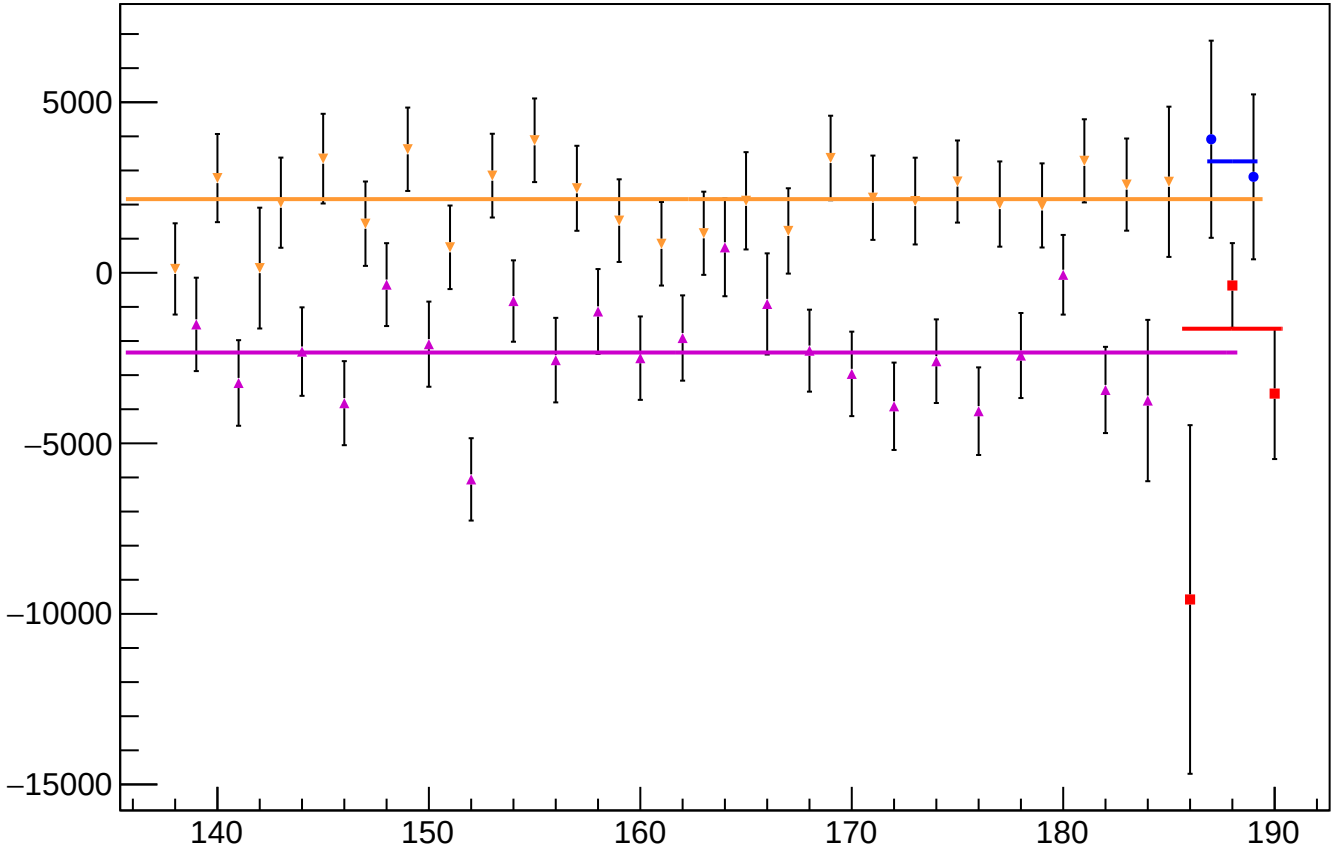
Left In: 1120.977+/-0.191 χ^2/NDF:9259.6/22

+ sign 1119.778+/-0.186 χ^2/NDF: 11119.7/25

All: 1123.129+/-0.131 χ^2/NDF: 338117.1/51

- sign 1126.407+/-0.184 χ^2/NDF: 326357.4/25

cor_asym_usr_mean vs Slug



Right In: 3266.922+/-1854.338 χ^2/NDF: 0.1/1

Left Out: 2159.879+/-257.526 χ^2/NDF:15.0/24

Right Out: -1639.449+/-1022.123 χ^2/NDF: 4.4/2

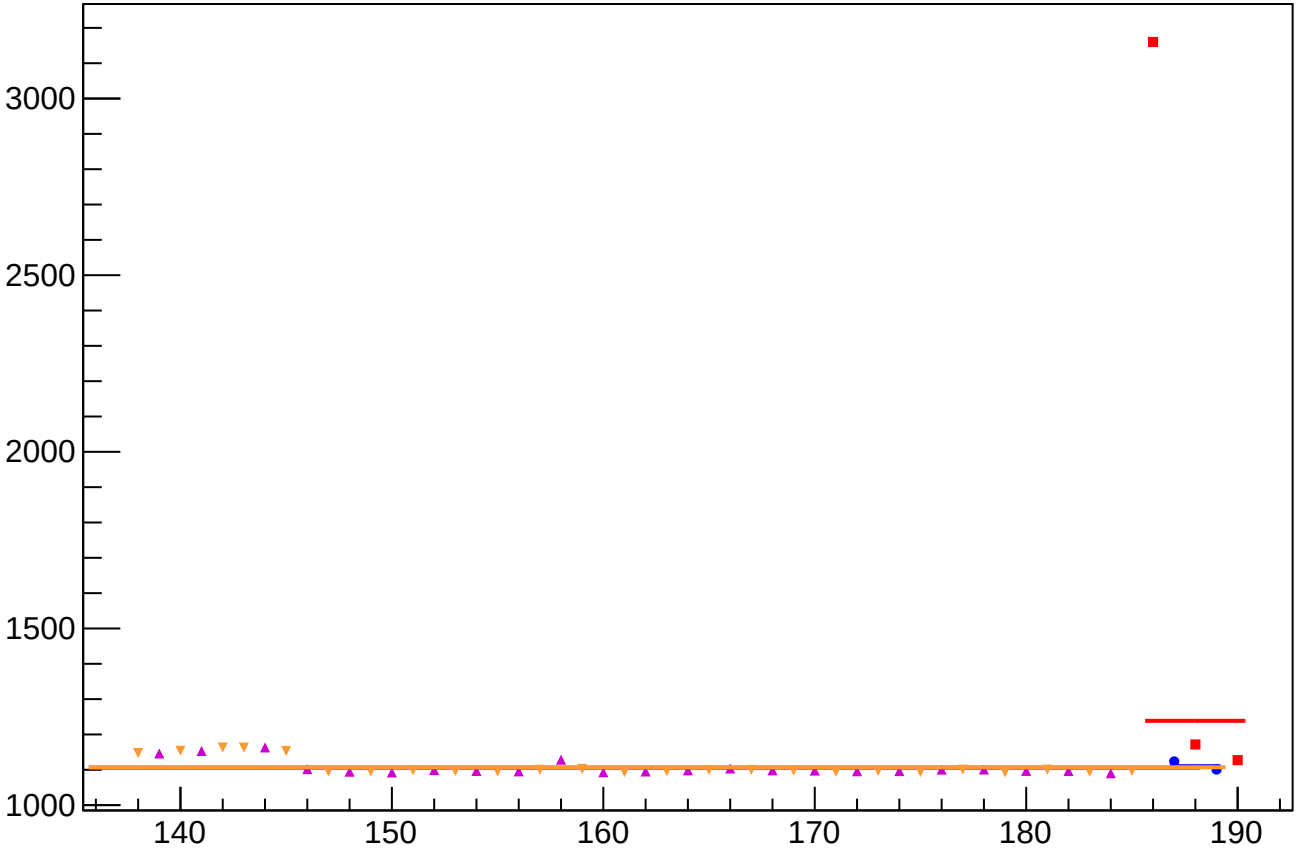
Left In: -2337.232+/-266.468 χ^2/NDF:31.3/22

+ sign 2180.827+/-255.078 χ^2/NDF: 15.4/26

All: -31.822+/-181.339 χ^2/NDF: 203.7/52

- sign -2292.825+/-257.850 χ^2/NDF: 36.2/25

cor_asym_usr_rms vs Slug



Right In: 1110.109+/-1.311 χ^2/NDF: 75.3/1

Left Out: 1107.091+/-0.182 χ^2/NDF:15185.2/24

Right Out: 1238.637+/-0.723 χ^2/NDF: 295245.1/2

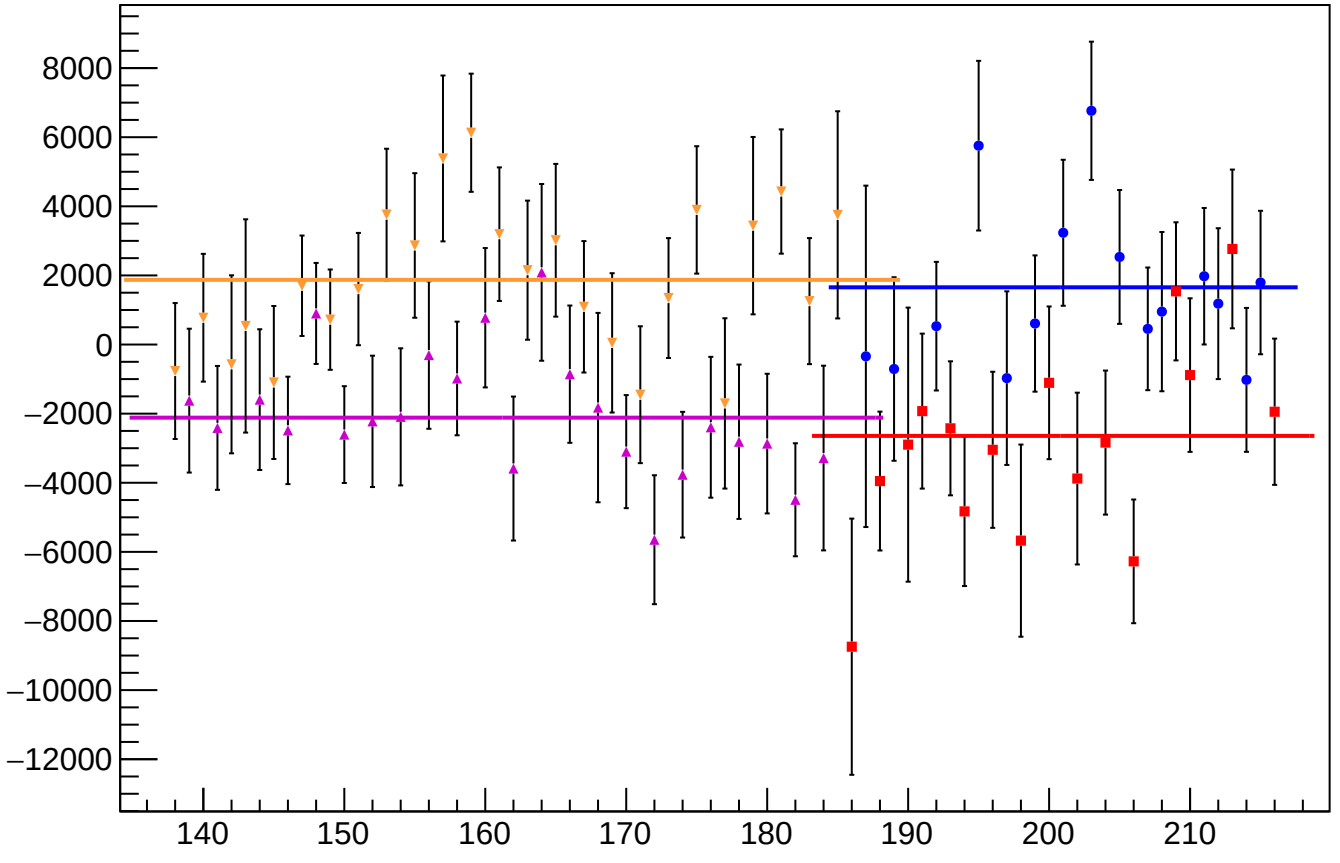
Left In: 1105.955+/-0.188 χ^2/NDF:11111.3/22

+ sign 1107.148+/-0.180 χ^2/NDF: 15265.7/26

All: 1110.735+/-0.128 χ^2/NDF: 353978.0/52

- sign 1114.399+/-0.182 χ^2/NDF: 337913.0/25

asym_us_agg_avg_mean vs Slug



Right In: 1656.064+/-556.556 χ^2/NDF: 15.1/14

Left Out: 1871.638+/-391.684 χ^2/NDF:26.1/24

Right Out: -2643.450+/-562.249 χ^2/NDF: 21.0/15

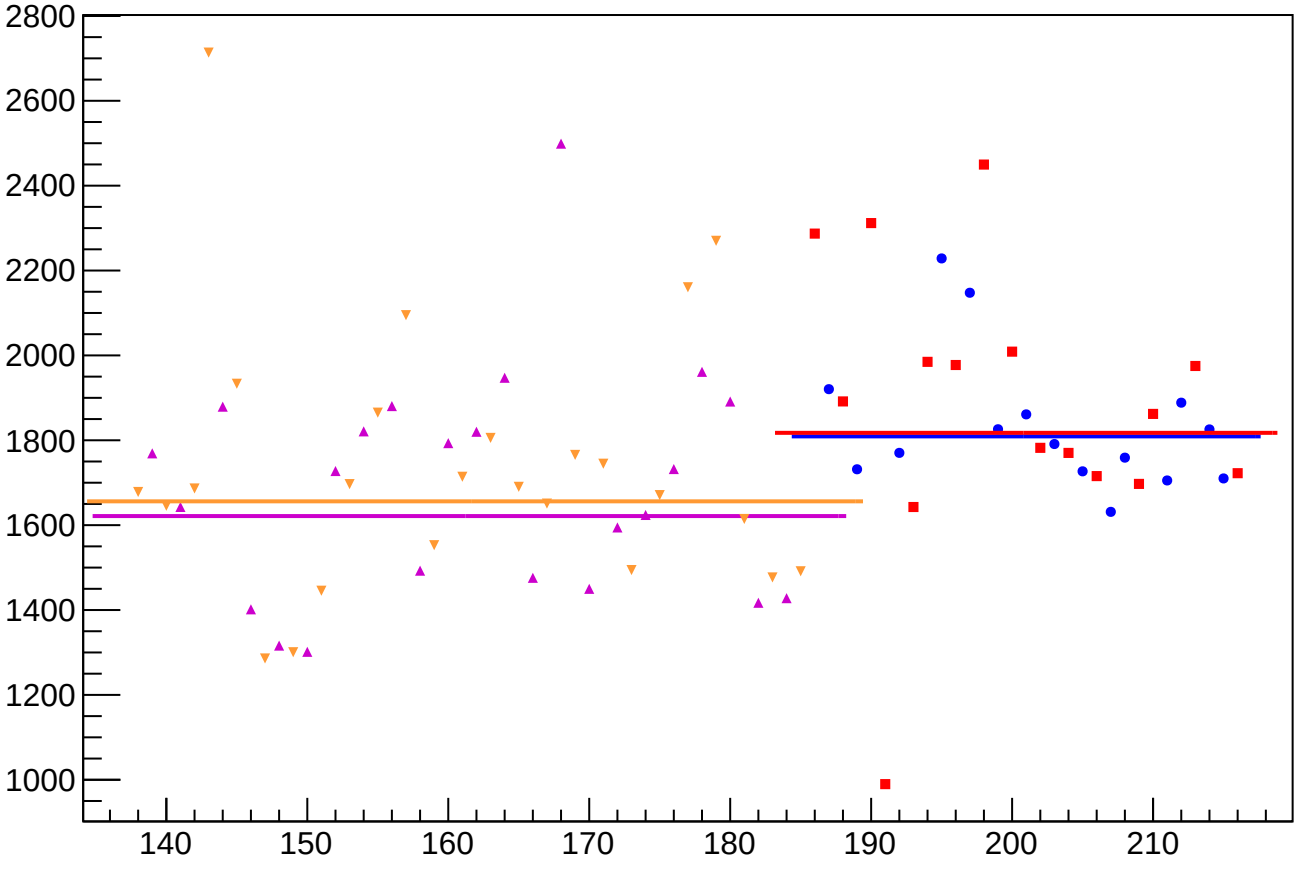
Left In: -2116.114+/-392.997 χ^2/NDF:18.8/22

+ sign 1800.233+/-320.312 χ^2/NDF: 41.3/39

All: -233.031+/-227.128 χ^2/NDF: 162.7/78

- sign -2289.191+/-322.111 χ^2/NDF: 40.4/38

asym_us_agg_avg_rms vs Slug



Right In: 1809.190+/-0.394 χ^2/NDF: 137274.9/14

Left Out: 1656.119+/-0.277 χ^2/NDF:910573.4/24

Right Out: 1817.549+/-0.398 χ^2/NDF: 524489.1/15

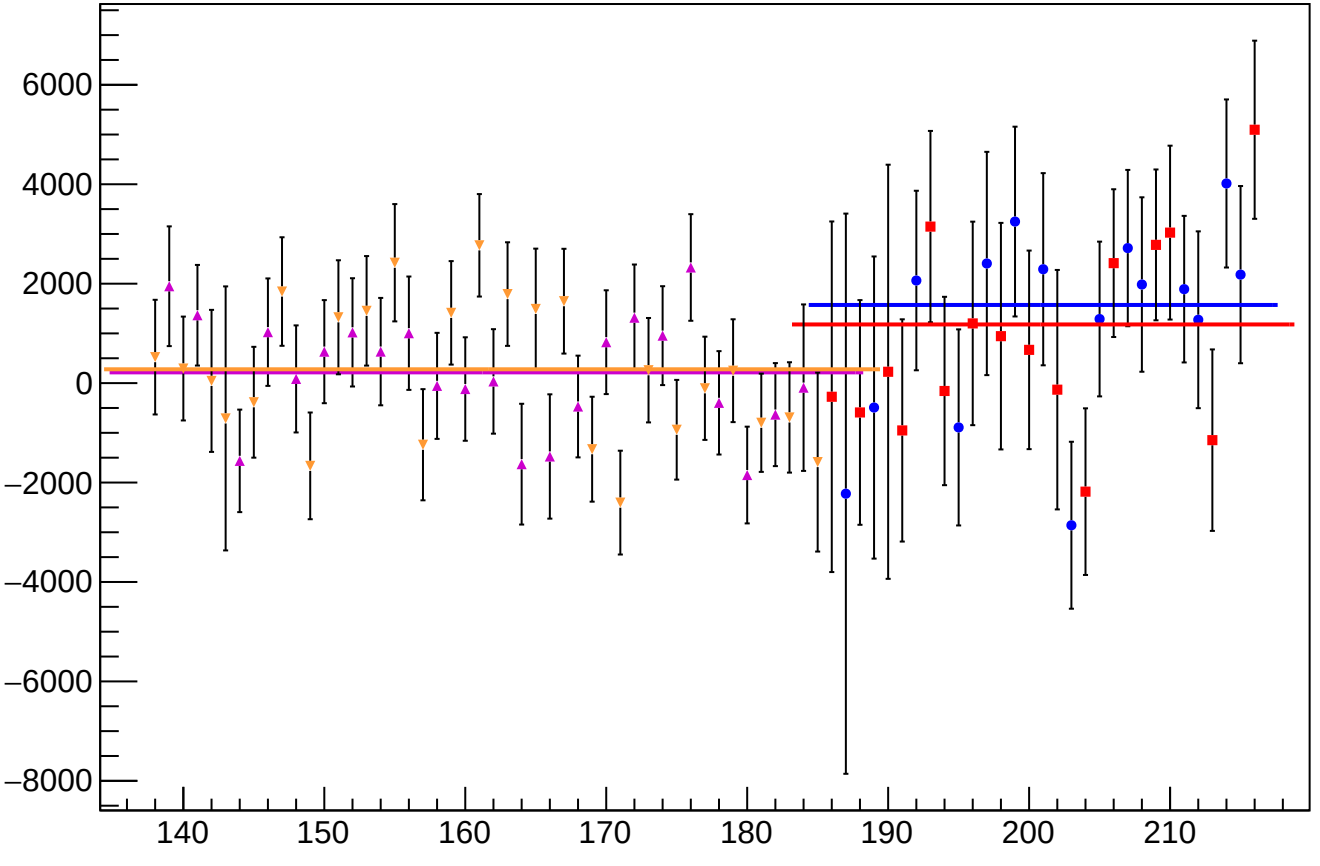
Left In: 1621.417+/-0.278 χ^2/NDF:775310.1/22

+ sign 1706.821+/-0.226 χ^2/NDF: 1149023.6/39

All: 1696.364+/-0.161 χ^2/NDF: 2616604.3/78

- sign 1685.790+/-0.228 χ^2/NDF: 1463293.7/38

asym_us_agg_dd_mean vs Slug



Right In: 1572.139+/-477.688 χ^2/NDF: 13.5/14

Left Out: 278.090+/-223.581 χ^2/NDF:38.4/24

Right Out: 1180.101+/-492.699 χ^2/NDF: 17.0/15

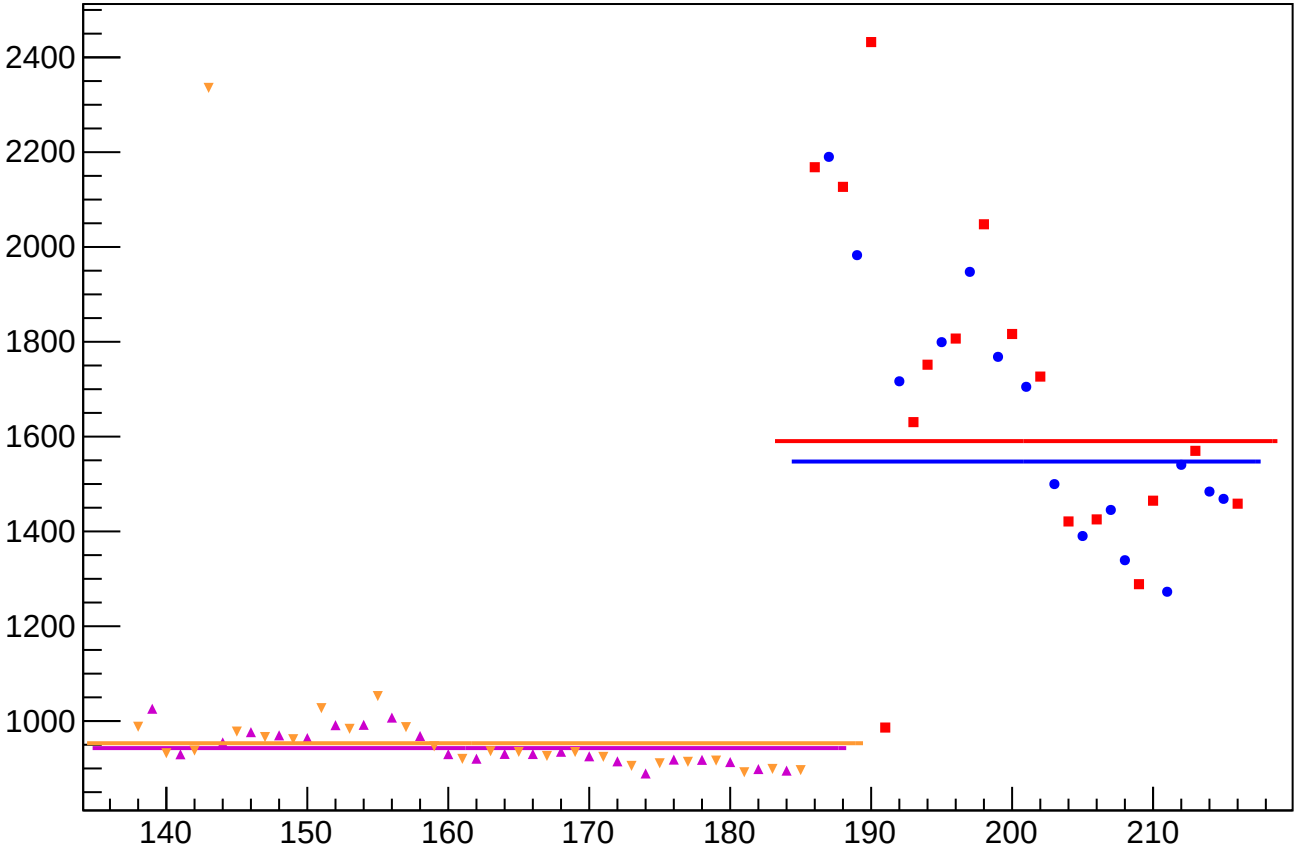
Left In: 216.121+/-225.600 χ^2/NDF:24.4/22

+ sign 510.633+/-202.498 χ^2/NDF: 57.9/39

All: 447.736+/-144.106 χ^2/NDF: 102.7/78

- sign 383.199+/-205.120 χ^2/NDF: 44.6/38

asym_us_agg_dd_rms vs Slug



Right In: 1547.422+/-0.338 χ^2/NDF: 355594.1/14

Left Out: 953.221+/-0.158 χ^2/NDF:606273.1/24

Right Out: 1590.510+/-0.348 χ^2/NDF: 690212.5/15

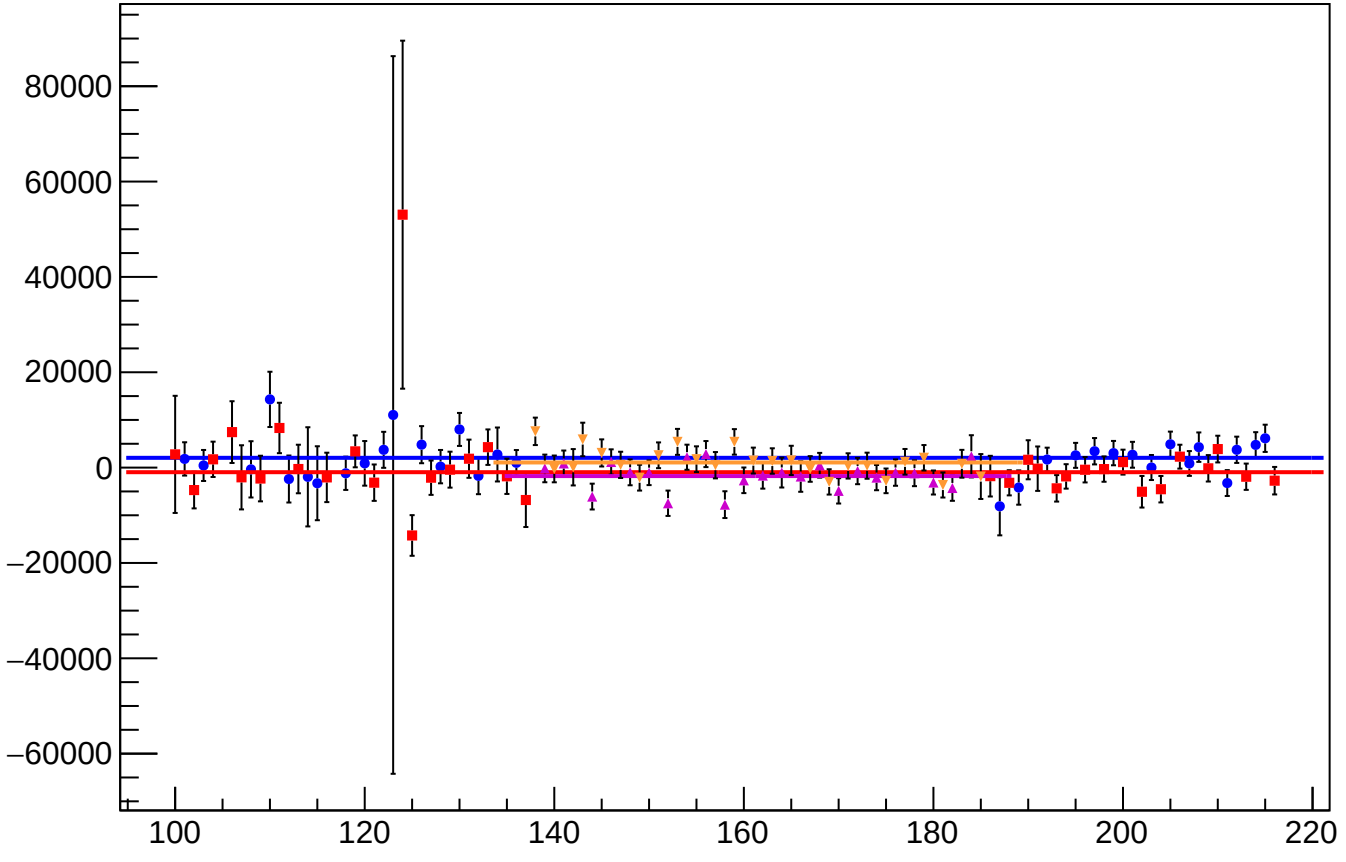
Left In: 942.927+/-0.160 χ^2/NDF:48402.9/22

+ sign 1060.000+/-0.143 χ^2/NDF: 3500379.6/39

All: 1057.614+/-0.102 χ^2/NDF: 7095795.5/78

- sign 1055.167+/-0.145 χ^2/NDF: 3594853.6/38

reg_asym_atl1_mean vs Slug



Right In: 2051.539+/-590.229 χ^2/NDF: 28.4/31

Left Out: 1078.054+/-564.005 χ^2/NDF:23.6/24

Right Out: -962.473+/-592.015 χ^2/NDF: 36.2/34

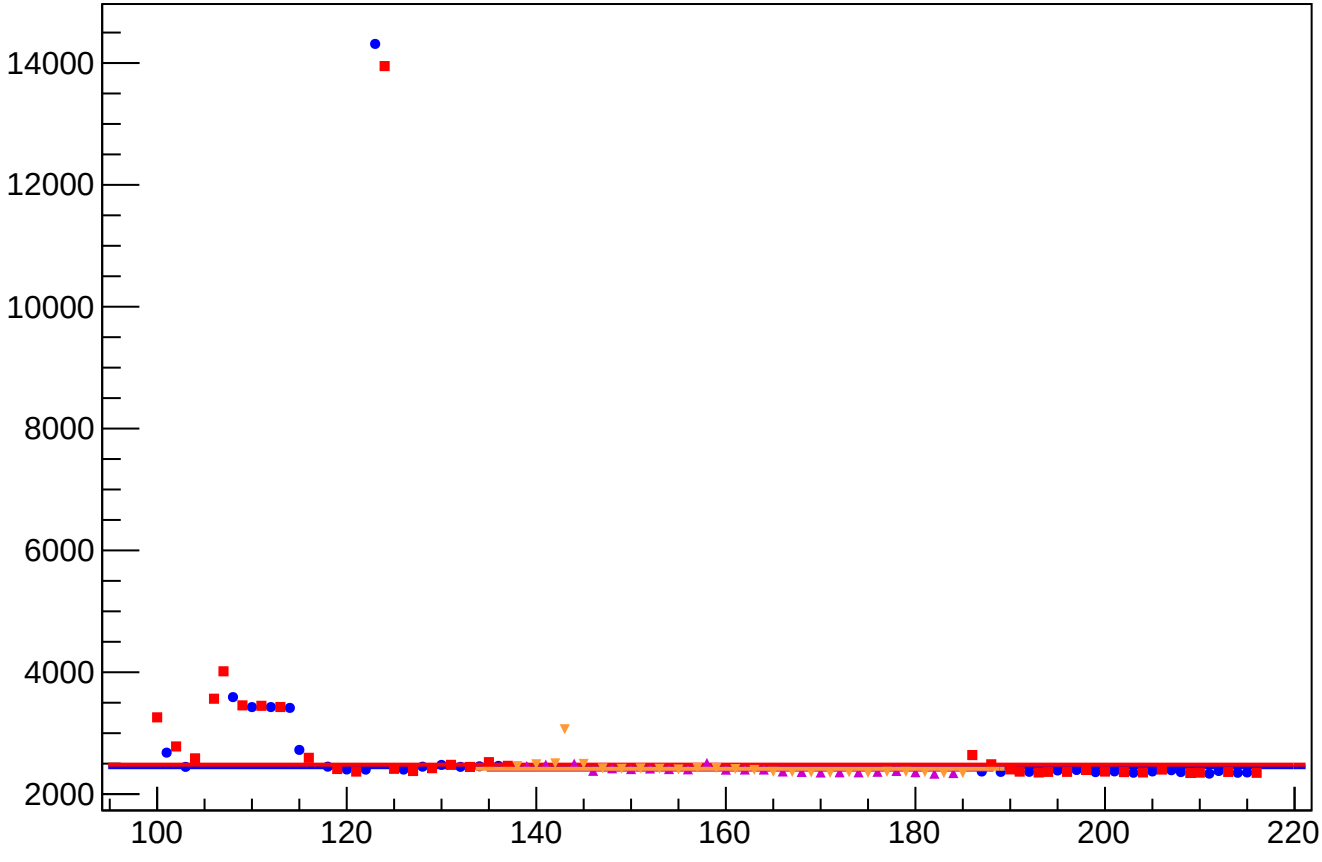
Left In: -1777.100+/-575.895 χ^2/NDF:24.1/22

+ sign 1542.691+/-407.768 χ^2/NDF: 53.4/56

All: 98.763+/-290.098 χ^2/NDF: 140.0/114

- sign -1381.028+/-412.800 χ^2/NDF: 61.2/57

reg_asym_atl1_rms vs Slug



Right In: 2441.617+/-0.417 χ^2/NDF: 316236.6/31

Left Out: 2416.019+/-0.399 χ^2/NDF:82636.1/24

Right Out: 2483.747+/-0.419 χ^2/NDF: 653170.0/34

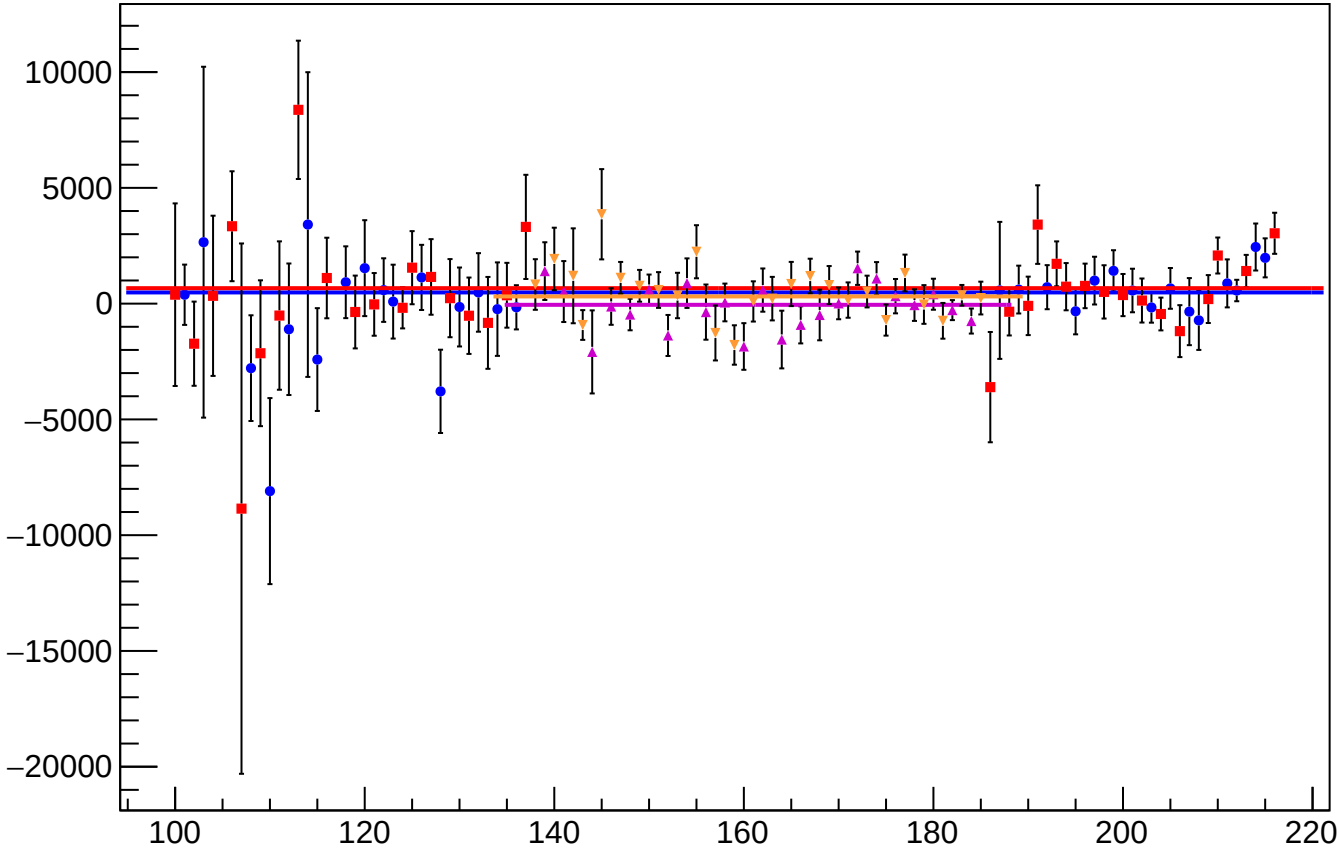
Left In: 2401.422+/-0.407 χ^2/NDF:13747.6/22

+ sign 2428.237+/-0.288 χ^2/NDF: 400838.8/56

All: 2434.761+/-0.205 χ^2/NDF: 1088664.7/11

- sign 2441.448+/-0.292 χ^2/NDF: 686789.0/57

asym_atl1_correction_mean vs Slug



Right In: 483.507+/-200.837 χ^2/NDF: 27.3/31

Left Out: 310.873+/-160.650 χ^2/NDF:29.7/24

Right Out: 668.129+/-208.803 χ^2/NDF: 41.8/34

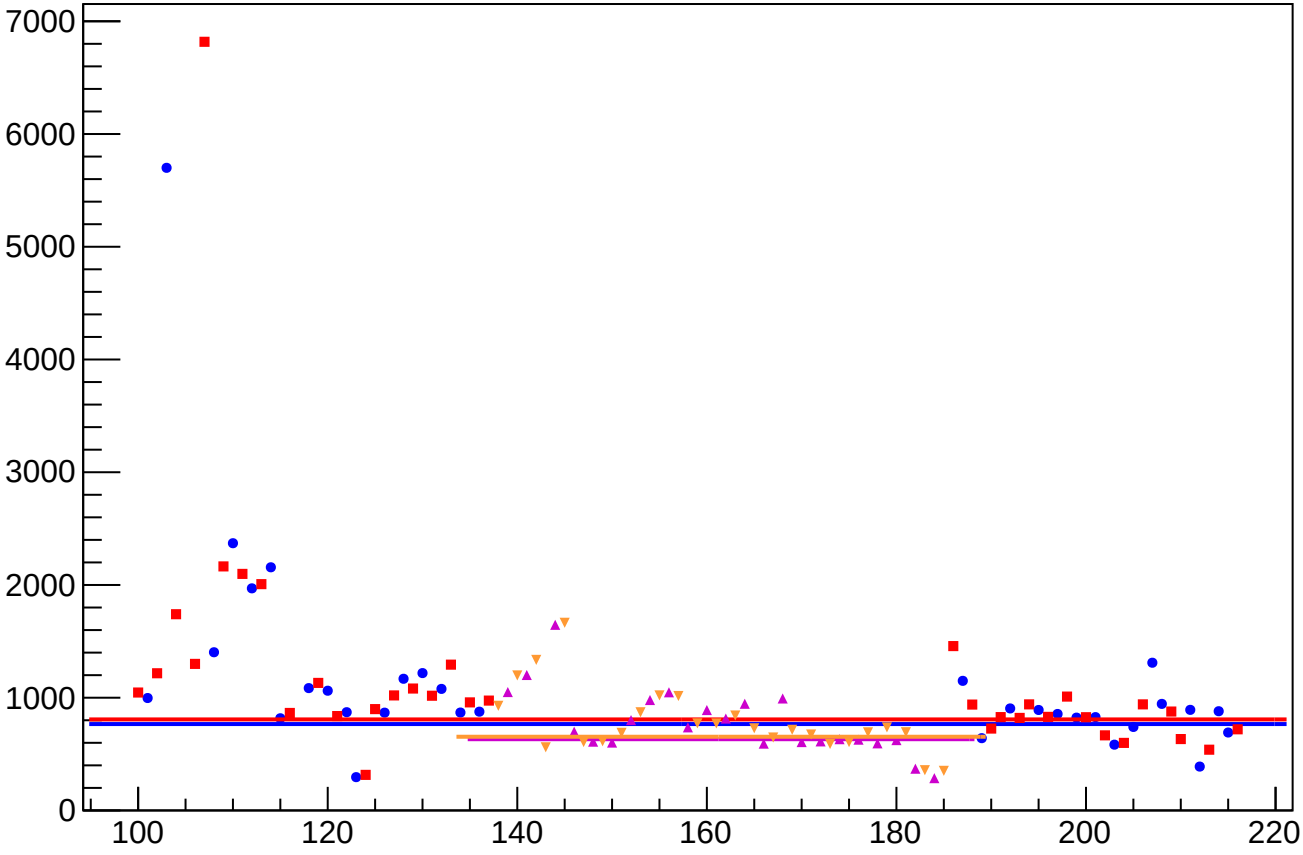
Left In: -51.454+/-161.744 χ^2/NDF:23.8/22

\+ sign 378.232+/-125.453 χ^2/NDF: 57.5/56

All: 299.841+/-89.550 χ^2/NDF: 131.3/114

\- sign 218.402+/-127.868 χ^2/NDF: 73.0/57

asym_atl1_correction_rms vs Slug



Right In: 766.349+/-0.142 χ^2/NDF: 4539781.5/31

Left Out: 653.803+/-0.114 χ^2/NDF:3254694.4/24

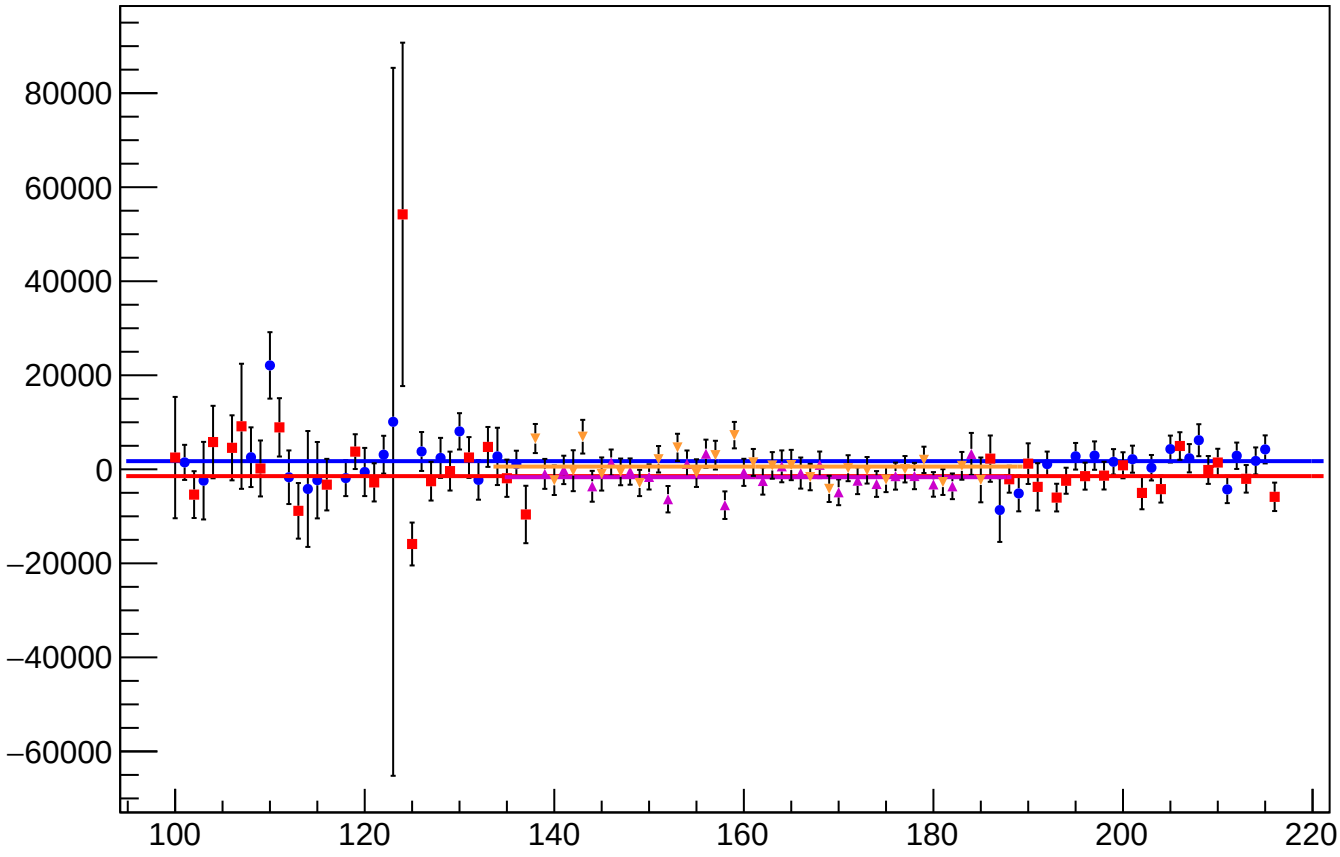
Right Out: 807.509+/-0.148 χ^2/NDF: 3851651.8/34

Left In: 632.053+/-0.114 χ^2/NDF:3942853.4/22

+ sign 697.716+/-0.089 χ^2/NDF: 8177476.1/56

All: 697.783+/-0.063 χ^2/NDF: 16854576.2/11

- sign 697.852+/-0.090 χ^2/NDF: 8677099.0/57



Right In: 1736.398+/-646.295 χ^2/NDF: 28.5/31

Left Out: 580.879+/-597.173 χ^2/NDF:25.3/24

Right Out: -1450.049+/-652.017 χ^2/NDF: 41.4/34

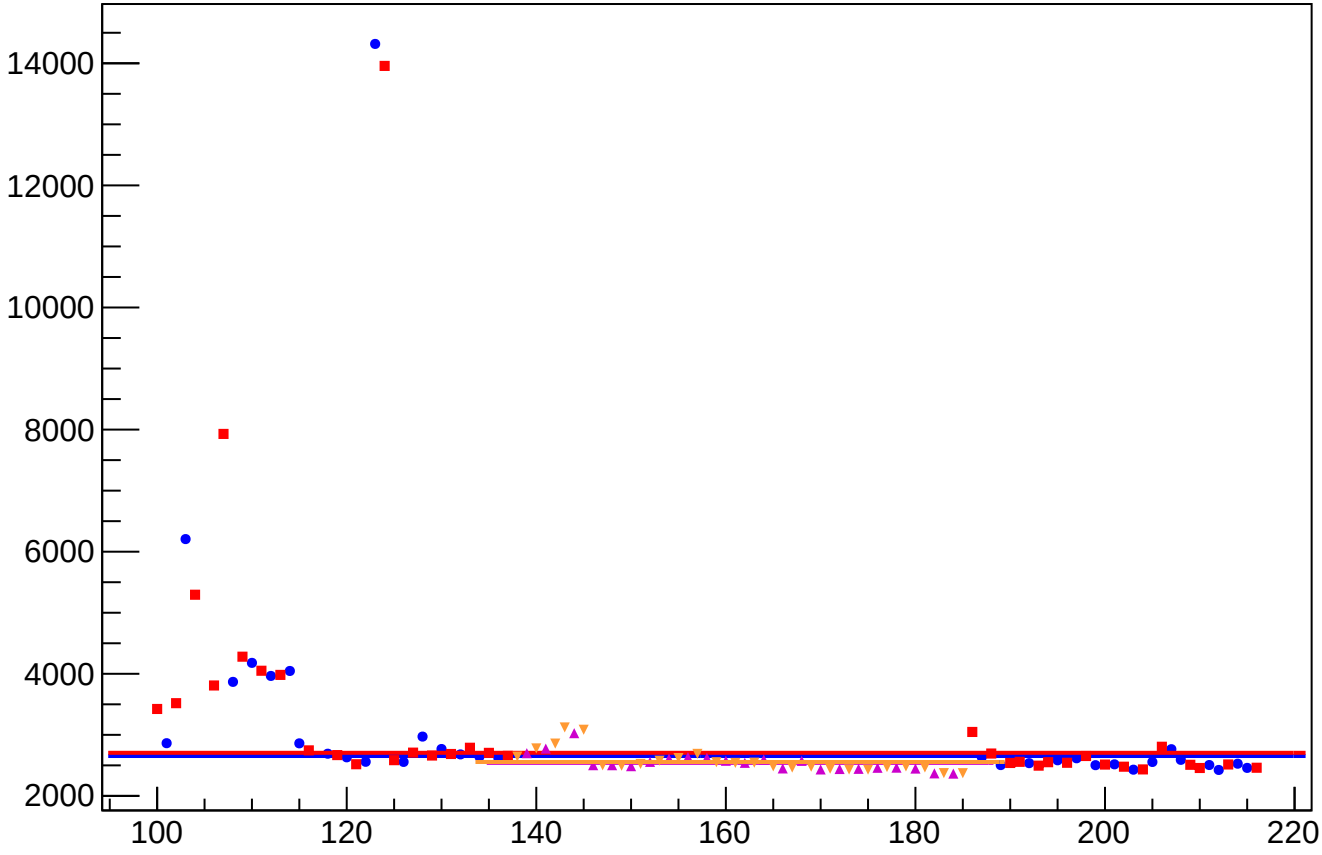
Left In: -1679.572+/-610.111 χ^2/NDF:18.2/22

+ sign 1113.062+/-438.604 χ^2/NDF: 55.6/56

All: -208.759+/-312.547 χ^2/NDF: 133.7/114

- sign -1572.423+/-445.492 χ^2/NDF: 59.6/57

asym_atl1_rms vs Slug



Right In: 2653.254+/-0.457 χ^2/NDF: 809361.6/31

Left Out: 2555.279+/-0.422 χ^2/NDF:154743.6/24

Right Out: 2705.944+/-0.461 χ^2/NDF: 1289756.6/34

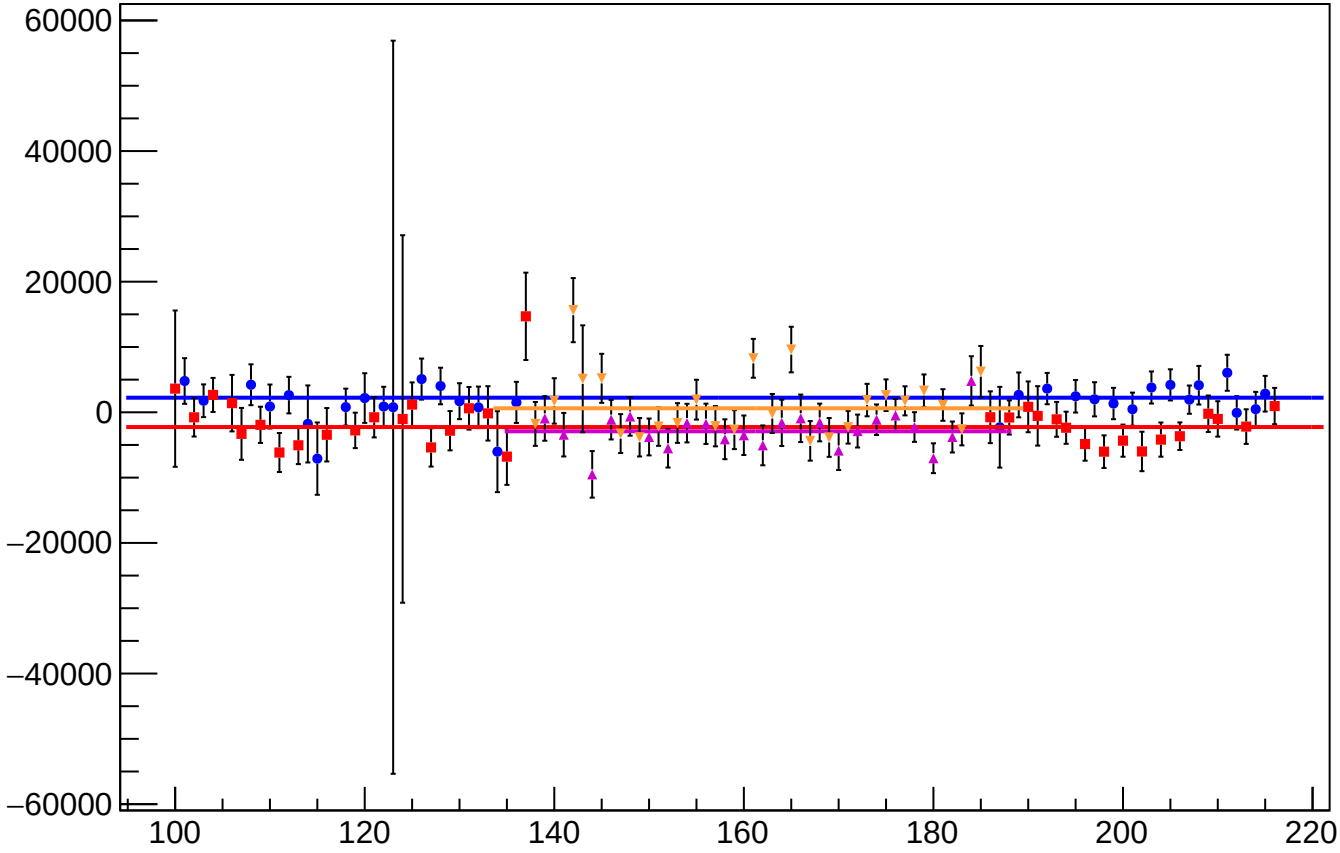
Left In: 2540.988+/-0.431 χ^2/NDF:94756.7/22

+ sign 2600.402+/-0.310 χ^2/NDF: 988898.7/56

All: 2609.061+/-0.221 χ^2/NDF: 2443247.7/11

- sign 2617.995+/-0.315 χ^2/NDF: 1452765.2/57

reg_asym_atl2_mean vs Slug



Right In: 2235.677+/-522.504 χ^2/NDF: 14.5/31

Left Out: 614.867+/-591.148 χ^2/NDF:45.2/24

Right Out: -2257.490+/-518.564 χ^2/NDF: 28.7/34

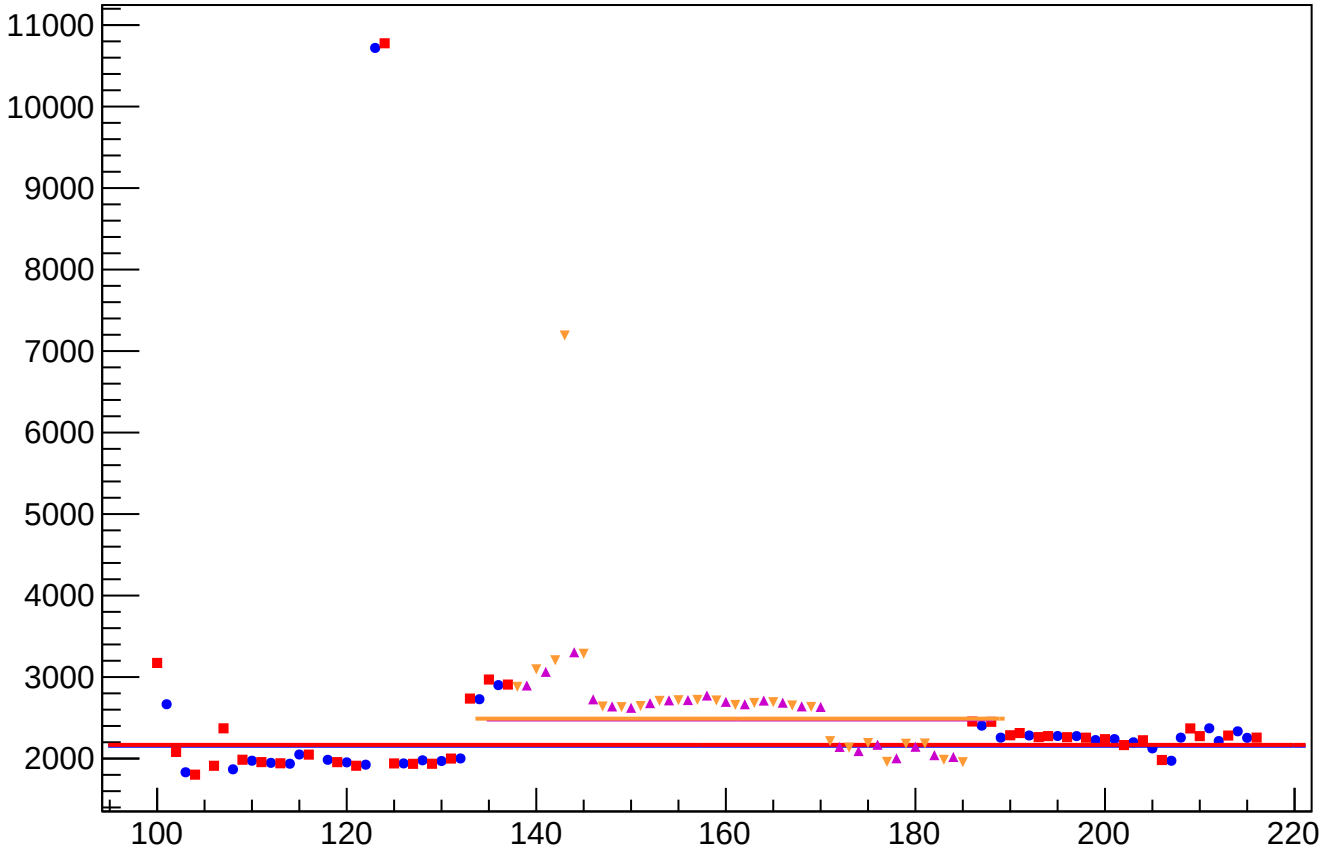
Left In: -2909.108+/-599.673 χ^2/NDF:17.4/22

+ sign 1524.799+/-391.496 χ^2/NDF: 63.9/56

All: -501.856+/-277.094 χ^2/NDF: 164.3/114

- sign -2536.282+/-392.246 χ^2/NDF: 46.7/57

reg_asym_atl2_rms vs Slug



Right In: 2157.463+/-0.369 χ^2/NDF: 410815.5/31

Left Out: 2489.577+/-0.418 χ^2/NDF:1364203.3/24

Right Out: 2167.986+/-0.367 χ^2/NDF: 569343.1/34

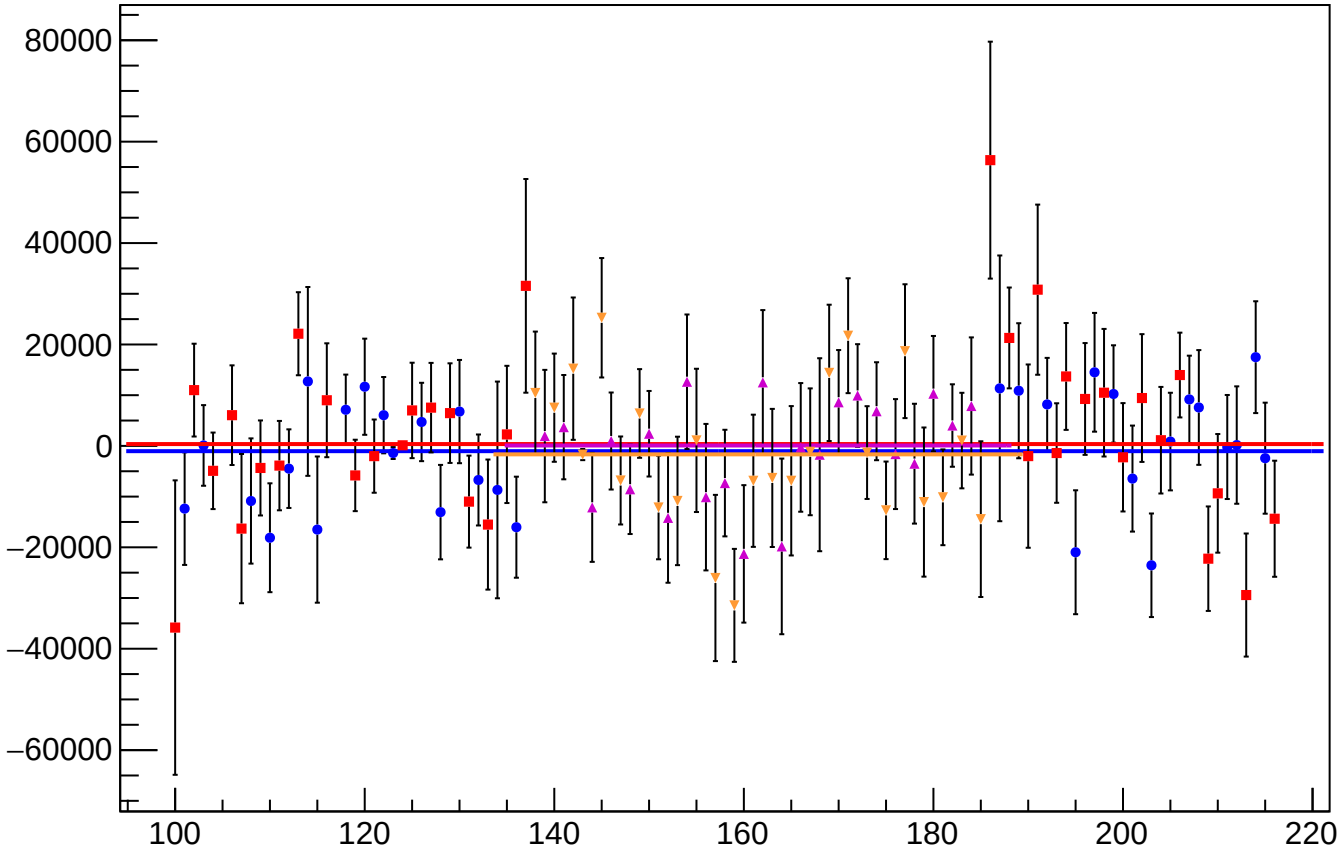
Left In: 2479.348+/-0.424 χ^2/NDF:668398.2/22

+ sign 2303.126+/-0.277 χ^2/NDF: 2129415.1/56

All: 2302.165+/-0.196 χ^2/NDF: 3675675.5/11

- sign 2301.201+/-0.277 χ^2/NDF: 1546236.2/57

asym_atl2_correction_mean vs Slug



Right In: -1039.418+/-986.707 χ^2/NDF: 33.7/31

Left Out: -1665.417+/-993.060 χ^2/NDF:32.4/24

Right Out: 360.962+/-675.684 χ^2/NDF: 53.8/34

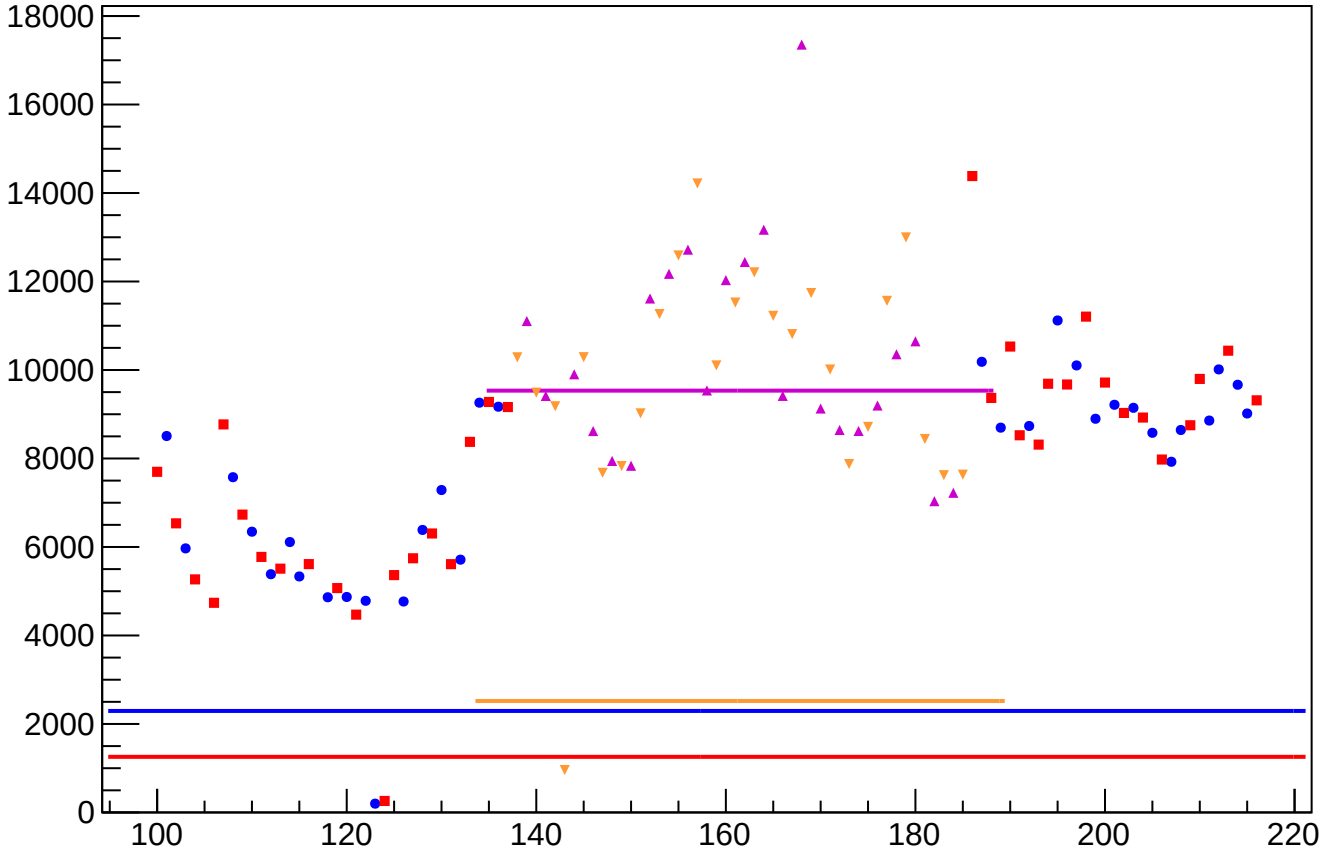
Left In: 80.274+/-2331.531 χ^2/NDF:13.8/22

+ sign -1350.408+/-699.943 χ^2/NDF: 66.3/56

All: -441.855+/-475.896 χ^2/NDF: 137.1/114

- sign 339.215+/-648.981 χ^2/NDF: 67.6/57

asym_atl2_correction_rms vs Slug



Right In: 2294.236+/-0.698 χ^2/NDF: 23685988.1/31

Left Out: 2519.359+/-0.702 χ^2/NDF:23642118.3/24

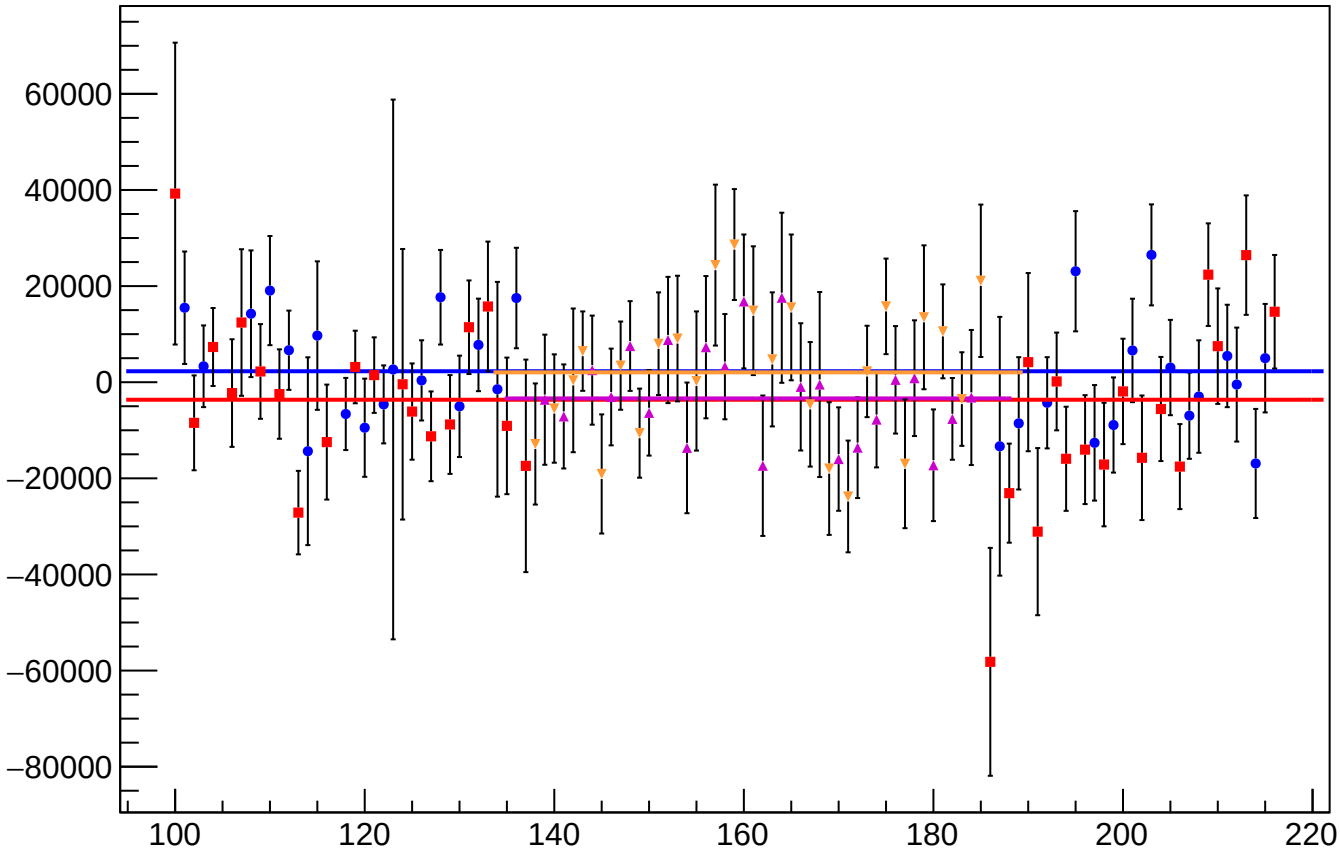
Right Out: 1257.052+/-0.478 χ^2/NDF: 28574316.9/34

Left In: 9533.563+/-1.649 χ^2/NDF:1316640.0/22

+ sign 2406.075+/-0.495 χ^2/NDF: 47379827.4/56

All: 2133.033+/-0.337 χ^2/NDF: 101086538.6

- sign 1898.304+/-0.459 χ^2/NDF: 53140729.4/57



Right In: 2282.588+/-1906.944 χ^2/NDF: 31.3/31

Left Out: 2055.950+/-2333.494 χ^2/NDF:30.7/24

Right Out: -3644.917+/-1876.072 χ^2/NDF: 53.9/34

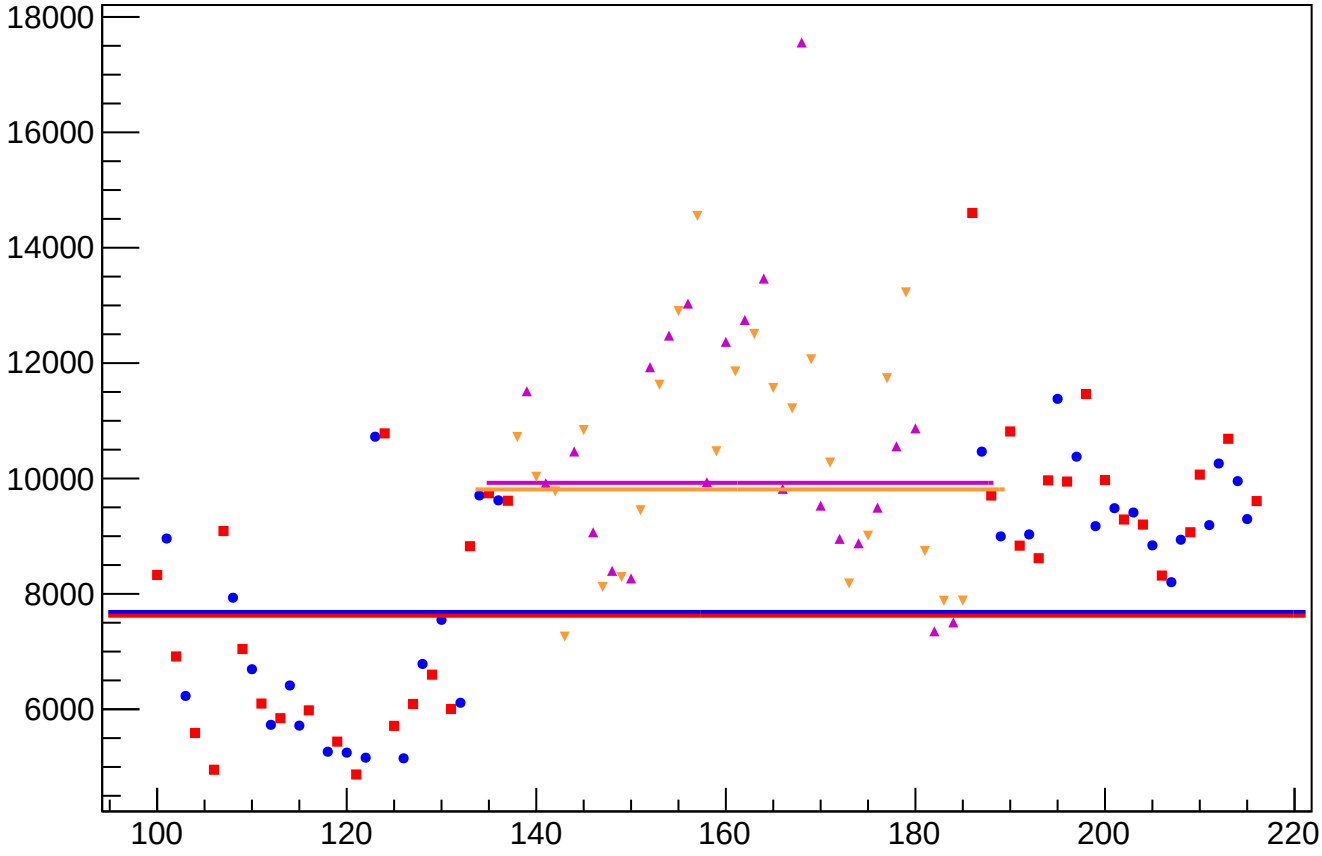
Left In: -3371.931+/-2423.242 χ^2/NDF:13.1/22

+ sign 2191.838+/-1476.599 χ^2/NDF: 62.0/56

All: -662.115+/-1046.527 χ^2/NDF: 136.5/114

- sign -3542.613+/-1483.450 χ^2/NDF: 67.0/57

asym_atl2_rms vs Slug



Right In: 7686.204+/-1.348 χ^2/NDF: 1934412.3/31

Left Out: 9811.053+/-1.650 χ^2/NDF:1213831.0/24

Right Out: 7621.401+/-1.327 χ^2/NDF: 2344363.7/34

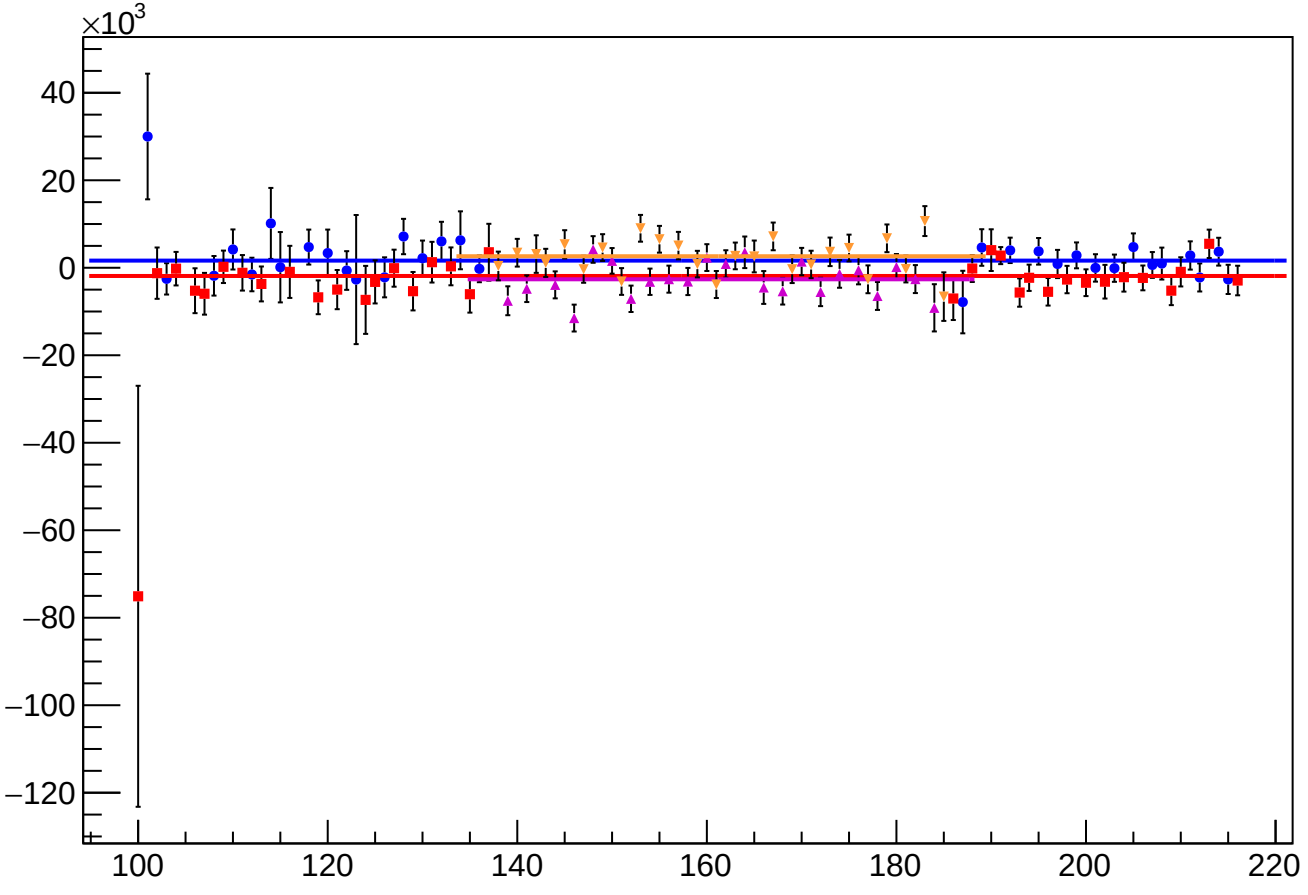
Left In: 9925.337+/-1.713 χ^2/NDF:1211554.7/22

+ sign 8537.002+/-1.044 χ^2/NDF: 4142575.1/56

All: 8511.003+/-0.740 χ^2/NDF: 8830165.7/11

- sign 8484.763+/-1.049 χ^2/NDF: 4686344.8/57

reg_asym_atr1_mean vs Slug



Right In: 1635.986+/-678.155 χ^2/NDF: 22.4/31

Left Out: 2635.833+/-646.121 χ^2/NDF:35.1/24

Right Out: -1876.489+/-634.407 χ^2/NDF: 28.3/34

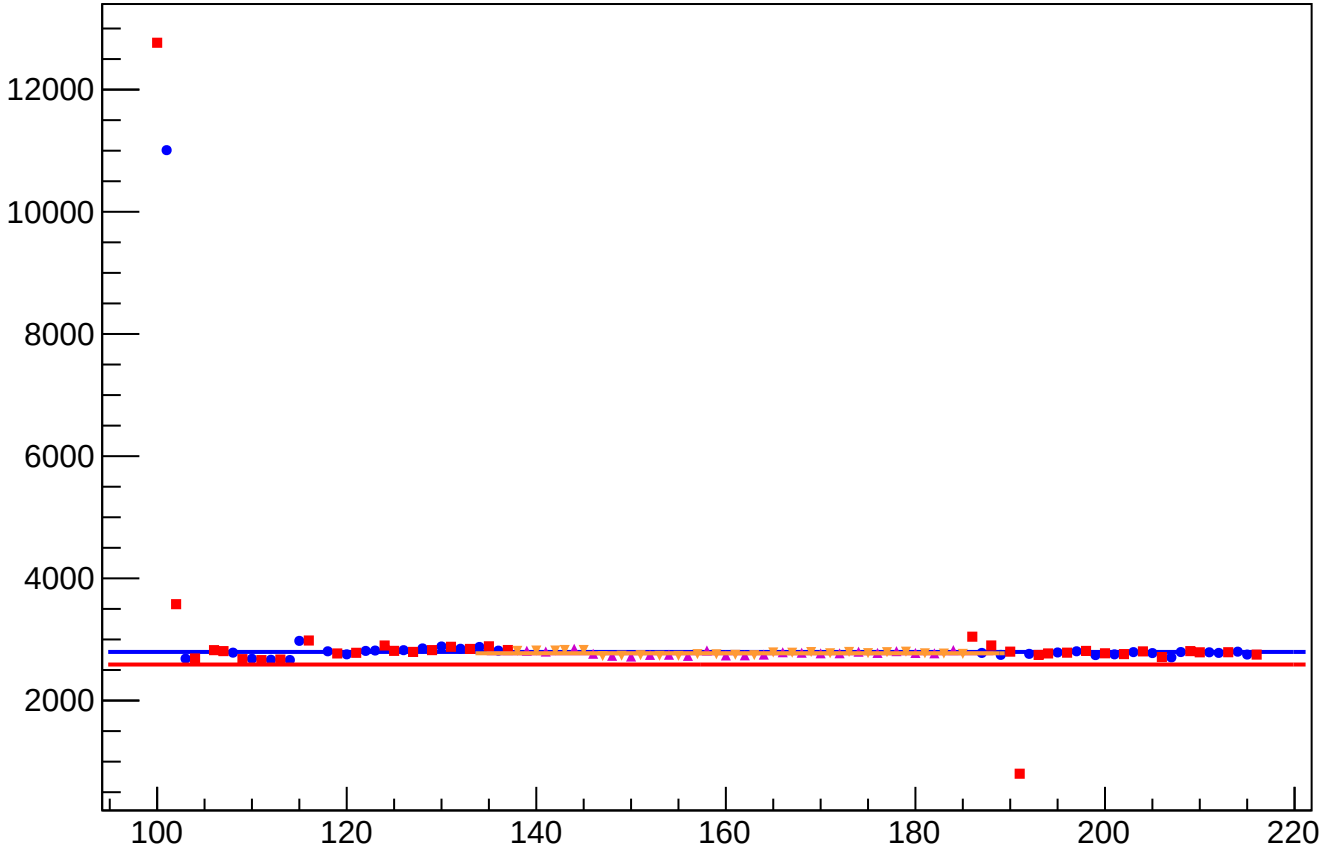
Left In: -2638.607+/-664.569 χ^2/NDF:35.2/22

+ sign 2160.081+/-467.791 χ^2/NDF: 58.6/56

All: -82.167+/-327.585 χ^2/NDF: 167.9/114

- sign -2239.861+/-458.886 χ^2/NDF: 64.2/57

reg_asym_atr1_rms vs Slug



Right In: 2795.734+/-0.480 χ^2/NDF: 667034.5/31

Left Out: 2773.713+/-0.457 χ^2/NDF:4616.5/24

Right Out: 2589.626+/-0.449 χ^2/NDF: 2027218.3/34

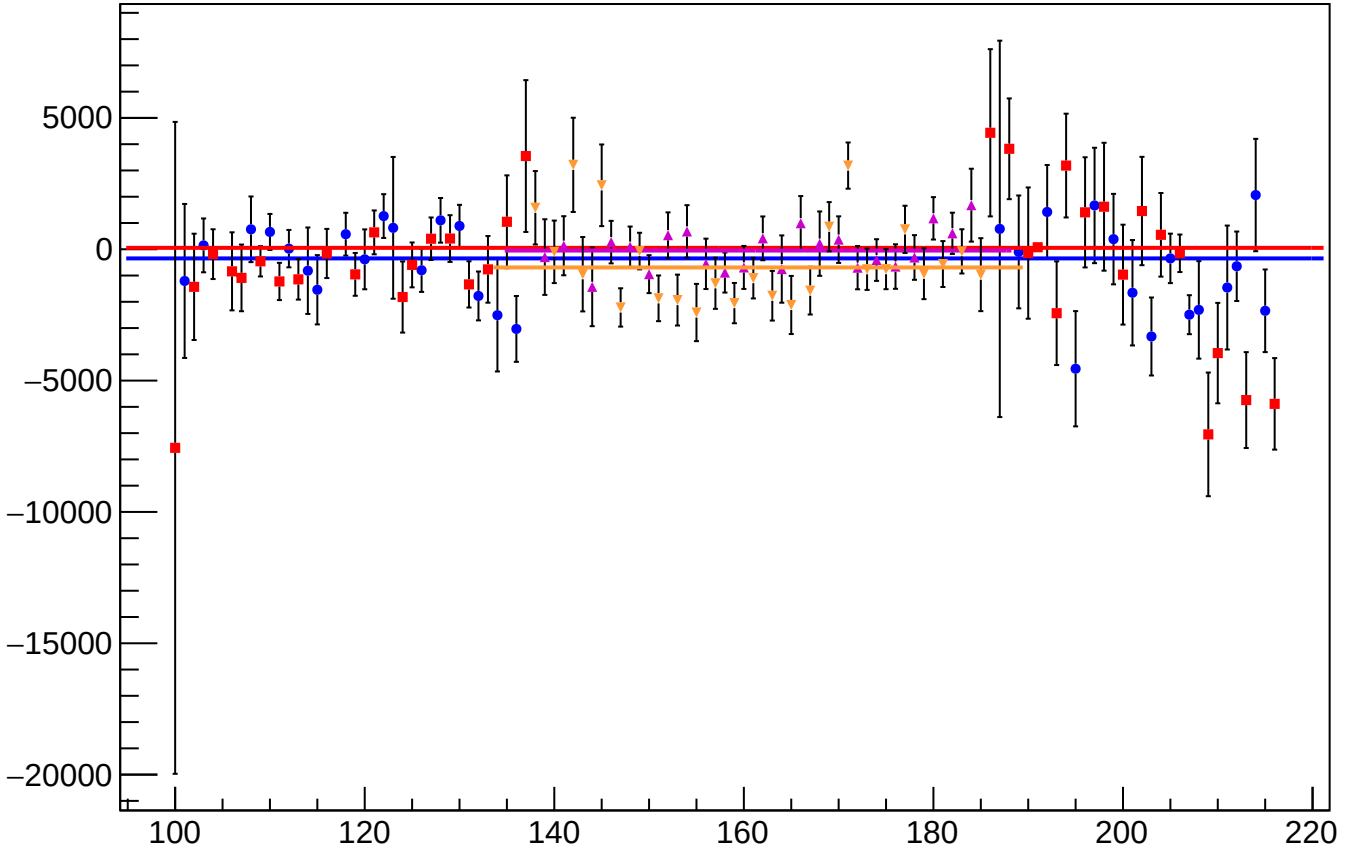
Left In: 2774.036+/-0.470 χ^2/NDF:4985.3/22

+ sign 2784.191+/-0.331 χ^2/NDF: 672756.3/56

All: 2729.847+/-0.232 χ^2/NDF: 2838500.6/11

- sign 2677.551+/-0.324 χ^2/NDF: 2112777.3/57

asym_atr1_correction_mean vs Slug



Right In: -348.176+/-205.744 χ^2/NDF: 45.9/31

Left Out: -692.808+/-187.297 χ^2/NDF:56.0/24

Right Out: 53.936+/-37.793 χ^2/NDF: 65.4/34

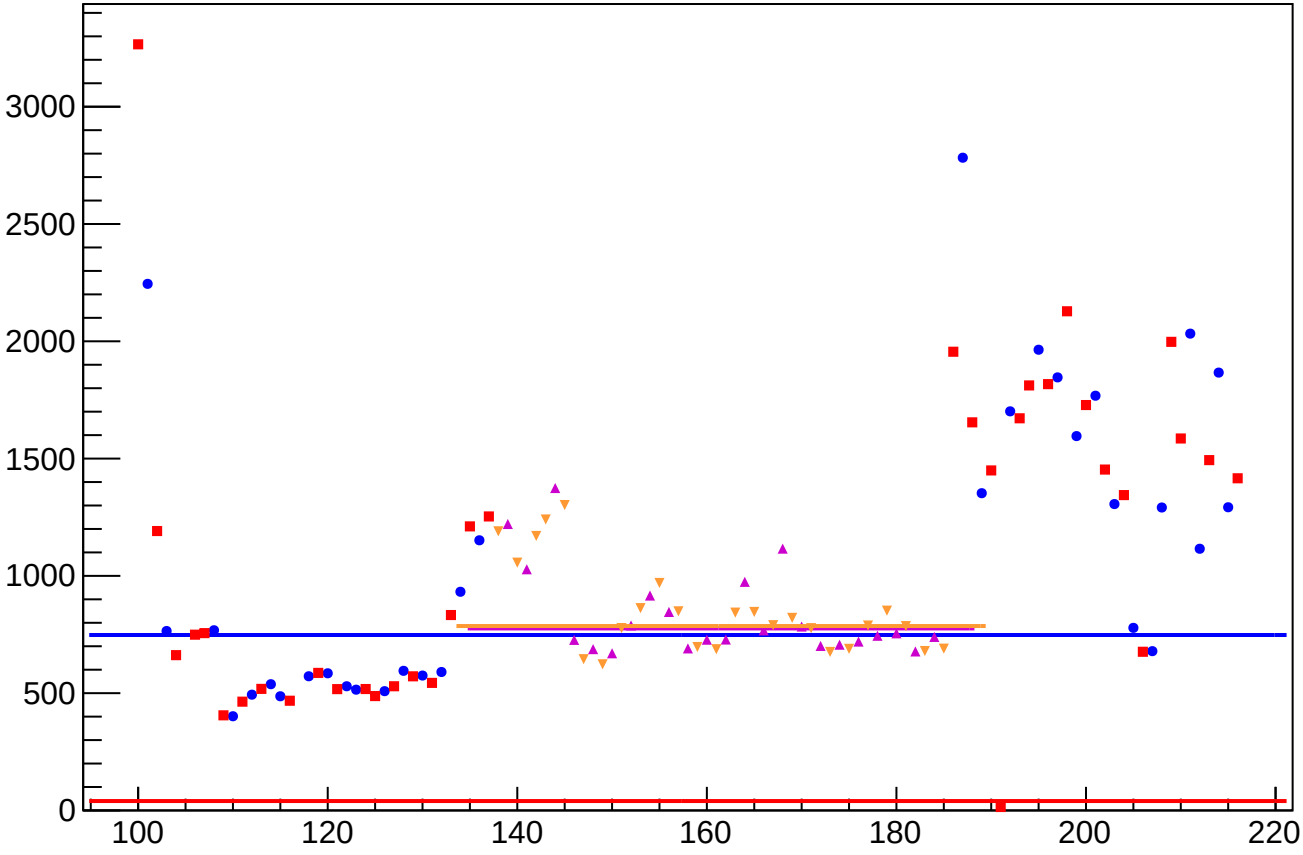
Left In: -49.244+/-189.190 χ^2/NDF:13.6/22

\+ sign -536.632+/-138.503 χ^2/NDF: 103.4/56

All: 10.781+/-35.802 χ^2/NDF: 199.5/114

\- sign 49.976+/-37.061 χ^2/NDF: 79.3/57

asym_atr1_correction_rms vs Slug



Right In: 747.961+/-0.145 χ^2/NDF: 7303335.2/31

Left Out: 786.173+/-0.132 χ^2/NDF:1249536.1/24

Right Out: 40.118+/-0.027 χ^2/NDF: 32087260.5/34

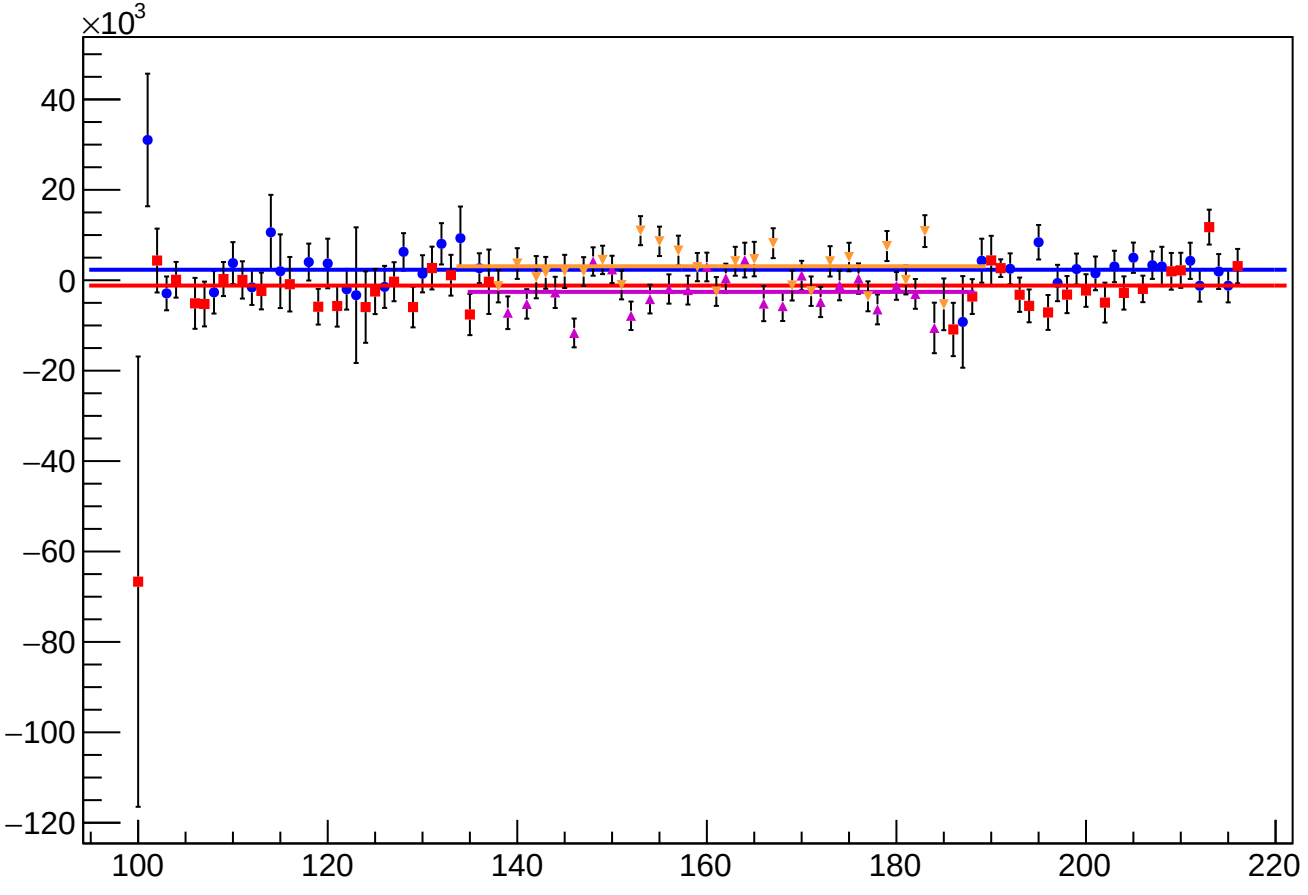
Left In: 775.930+/-0.134 χ^2/NDF:1056766.5/22

+ sign 768.857+/-0.098 χ^2/NDF: 8590595.9/56

All: 115.160+/-0.025 χ^2/NDF: 118568635.2/1

- sign 68.354+/-0.026 χ^2/NDF: 62236127.4/57

asym_atr1_mean vs Slug



Right In: 2326.002+/-750.626 χ^2/NDF: 22.1/31

Left Out: 3094.826+/-678.510 χ^2/NDF:38.7/24

Right Out: -1175.268+/-697.778 χ^2/NDF: 38.3/34

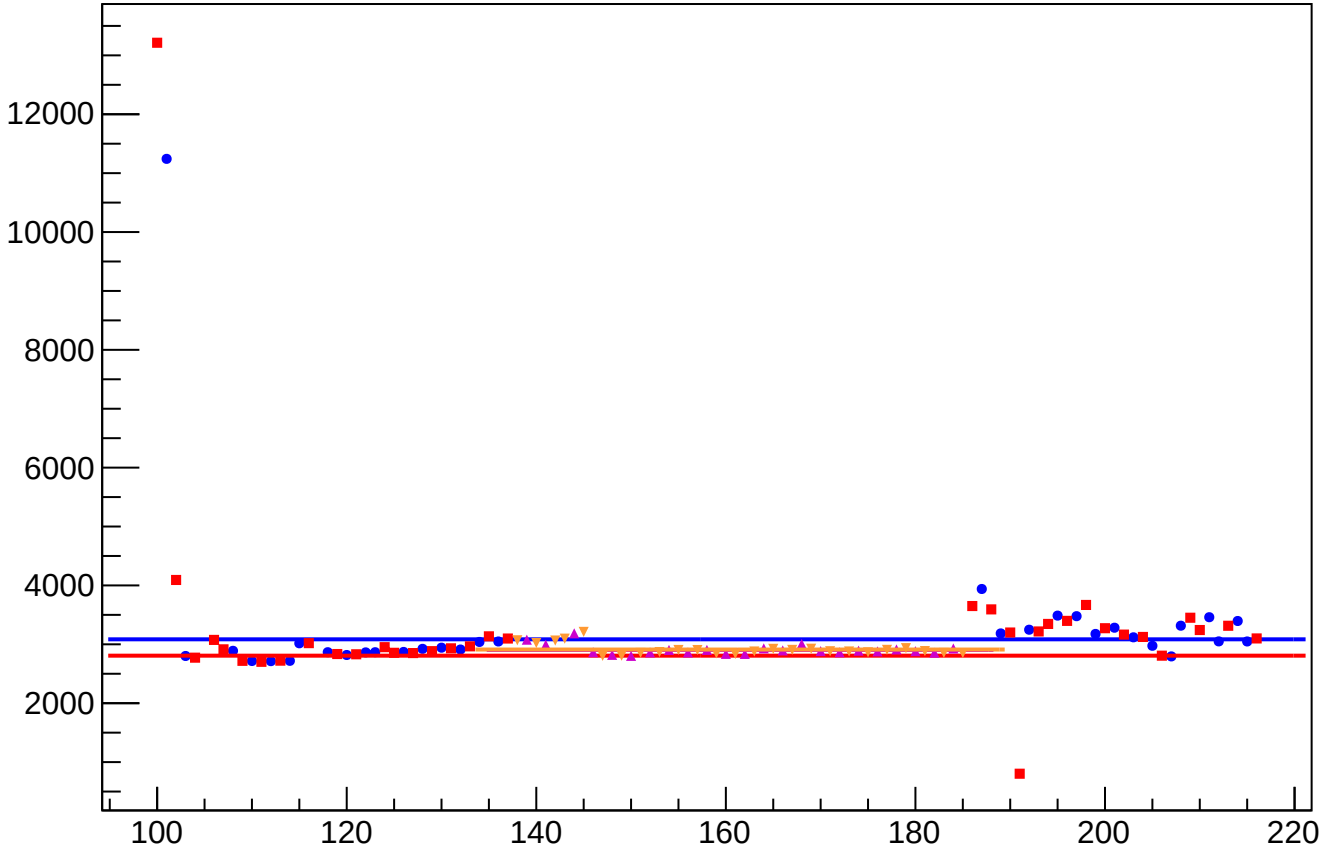
Left In: -2573.184+/-695.795 χ^2/NDF:35.7/22

+ sign 2749.111+/-503.349 χ^2/NDF: 61.3/56

All: 387.007+/-352.096 χ^2/NDF: 180.4/114

- sign -1876.216+/-492.701 χ^2/NDF: 76.0/57

asym_atr1_rms vs Slug



Right In: 3084.807+/-0.531 χ^2/NDF: 822045.5/31

Left Out: 2911.226+/-0.480 χ^2/NDF:36644.3/24

Right Out: 2807.149+/-0.493 χ^2/NDF: 2820626.0/34

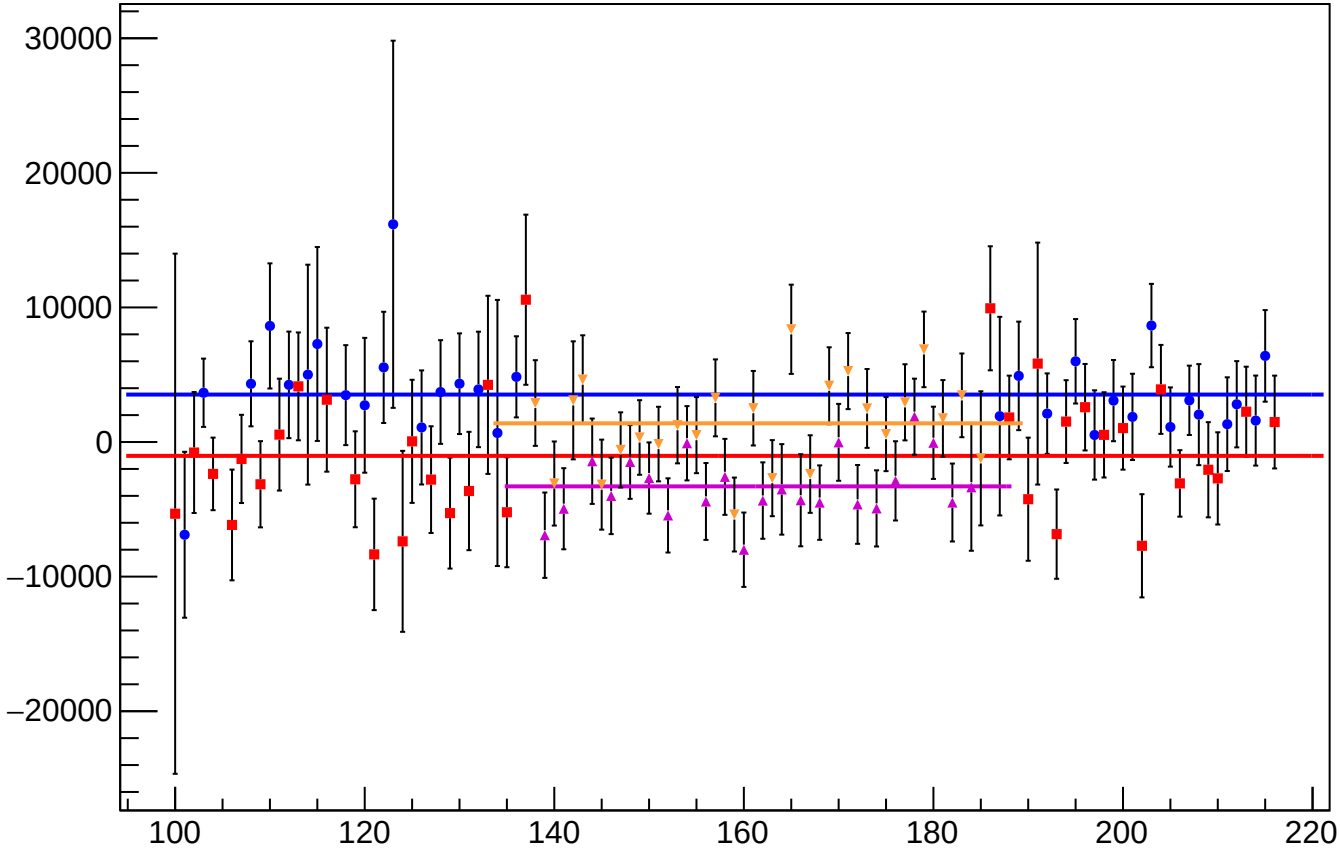
Left In: 2903.411+/-0.492 χ^2/NDF:28838.5/22

+ sign 2989.279+/-0.356 χ^2/NDF: 917548.7/56

All: 2920.917+/-0.249 χ^2/NDF: 3858336.6/11

- sign 2855.417+/-0.348 χ^2/NDF: 2868549.9/57

reg_asym_atr2_mean vs Slug



Right In: 3526.507+/-650.954 χ^2/NDF: 13.5/31

Left Out: 1390.275+/-596.516 χ^2/NDF:29.2/24

Right Out: -1027.540+/-638.239 χ^2/NDF: 36.8/34

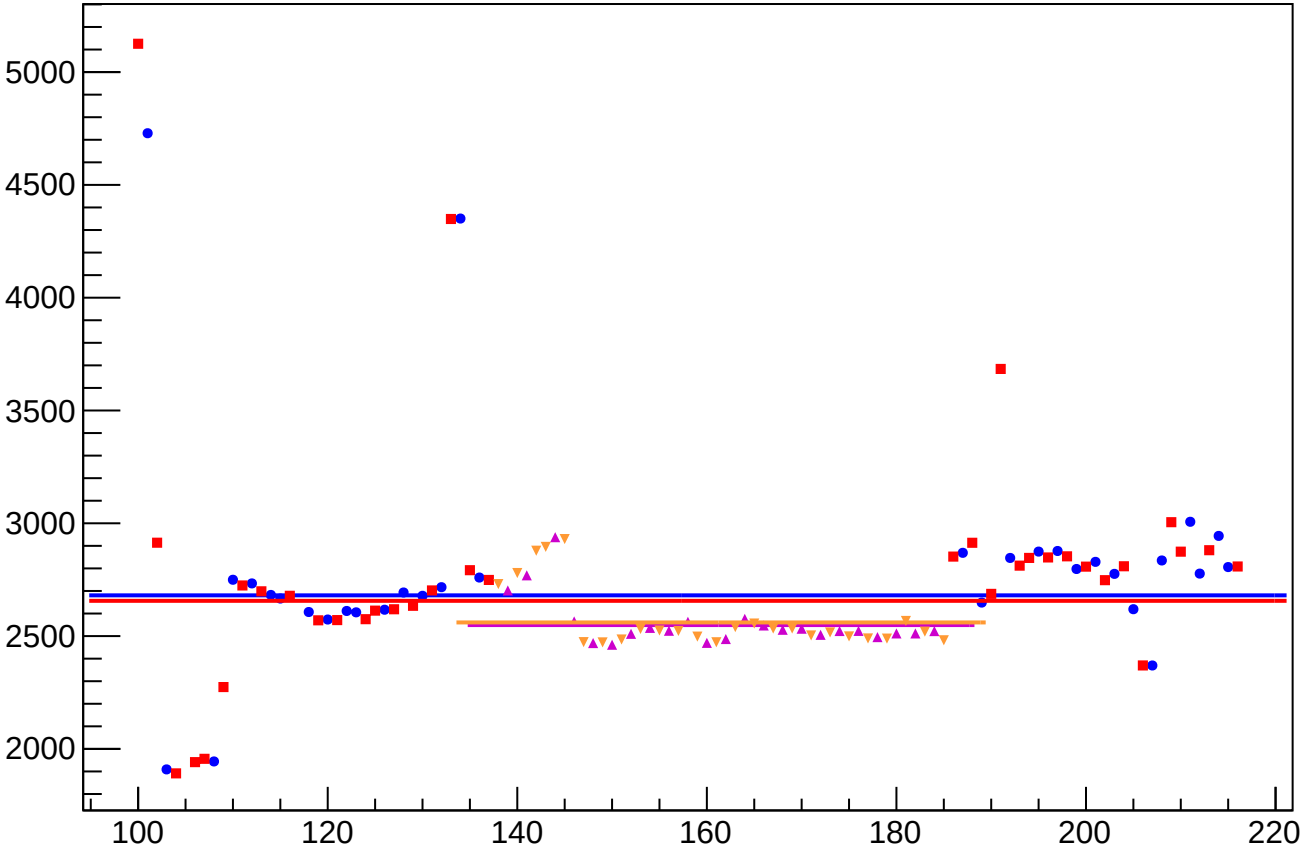
Left In: -3295.367+/-609.991 χ^2/NDF:14.9/22

+ sign 2365.346+/-439.789 χ^2/NDF: 48.5/56

All: 82.476+/-311.397 χ^2/NDF: 160.8/114

- sign -2212.749+/-440.977 χ^2/NDF: 58.2/57

reg_asym_atr2_rms vs Slug



Right In: 2680.605+/-0.460 χ^2/NDF: 675956.9/31

Left Out: 2560.531+/-0.422 χ^2/NDF:86771.4/24

Right Out: 2656.341+/-0.451 χ^2/NDF: 665872.3/34

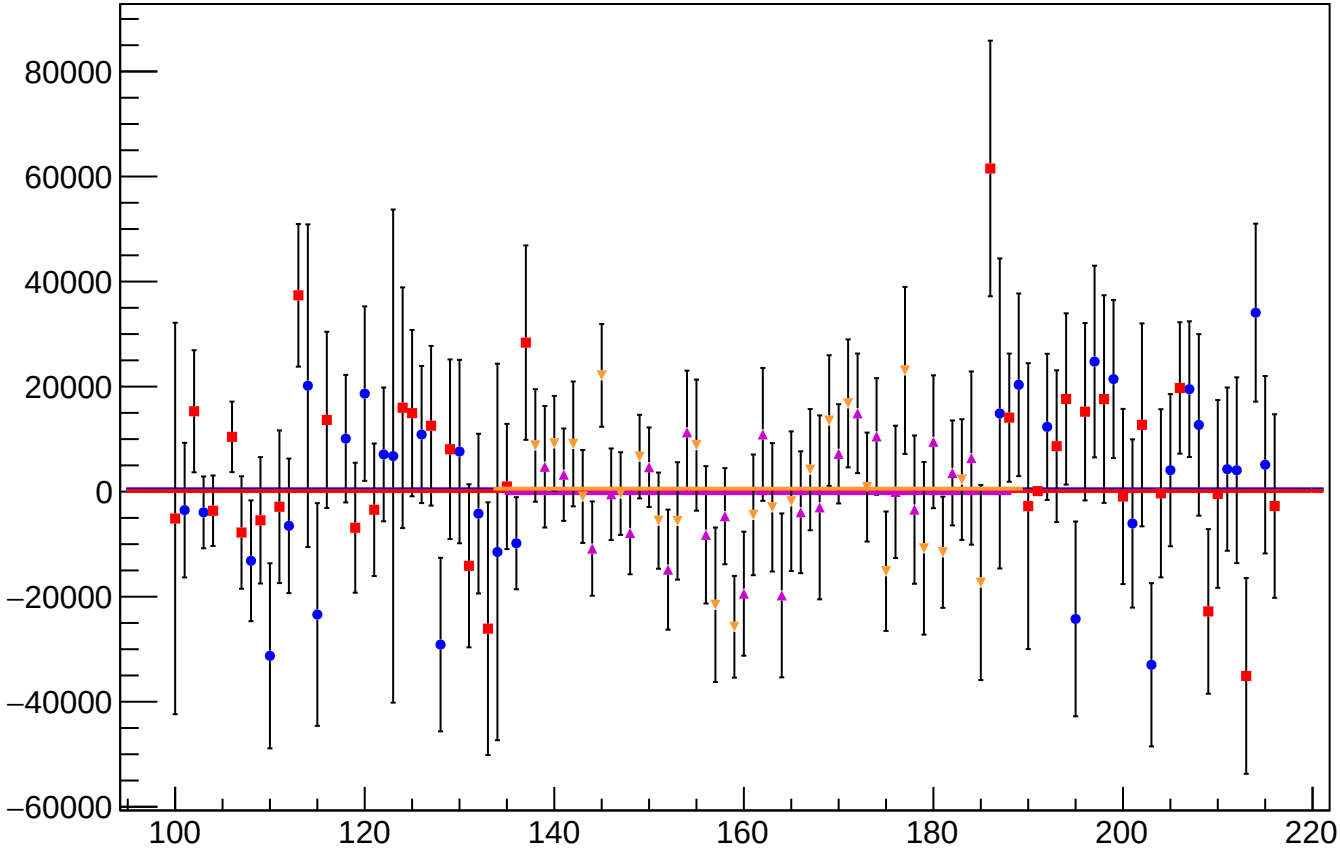
Left In: 2548.870+/-0.431 χ^2/NDF:55266.2/22

+ sign 2615.338+/-0.311 χ^2/NDF: 799717.2/56

All: 2607.777+/-0.220 χ^2/NDF: 1551678.1/11

- sign 2600.174+/-0.312 χ^2/NDF: 750775.2/57

asym_atr2_correction_mean vs Slug



Right In: 439.420+/-2564.693 χ^2/NDF: 34.3/31

Left Out: 572.477+/-2184.376 χ^2/NDF:28.2/24

Right Out: 137.934+/-194.893 χ^2/NDF: 39.8/34

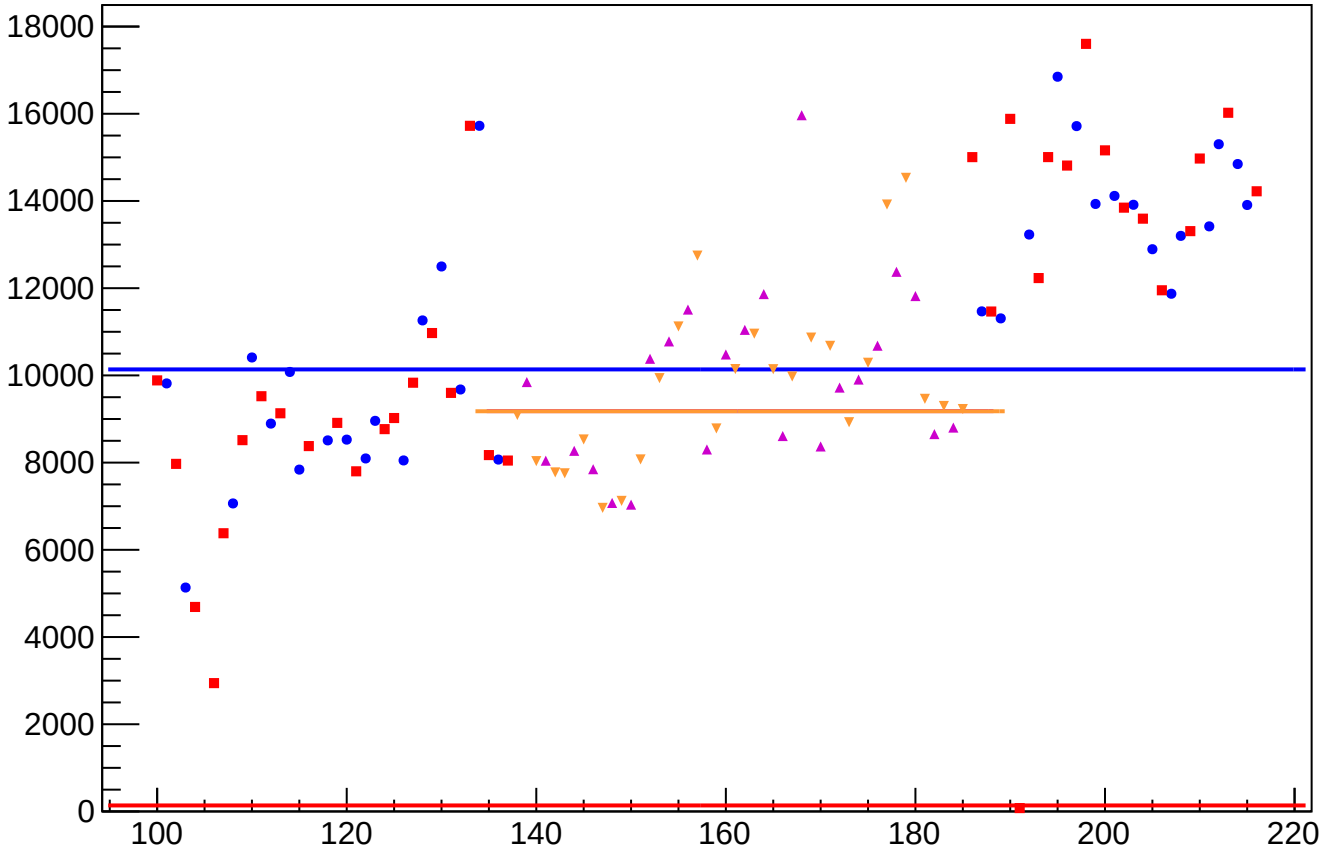
Left In: -275.116+/-2242.836 χ^2/NDF:15.7/22

+ sign 516.536+/-1662.957 χ^2/NDF: 62.5/56

All: 139.972+/-192.852 χ^2/NDF: 118.1/114

- sign 134.839+/-194.162 χ^2/NDF: 55.5/57

asym_atr2_correction_rms vs Slug



Right In: 10137.297+/-1.814 χ^2/NDF: 3239671.6/31

Left Out: 9177.688+/-1.545 χ^2/NDF:1176195.8/24

Right Out: 137.789+/-0.138 χ^2/NDF: 34125355.0/34

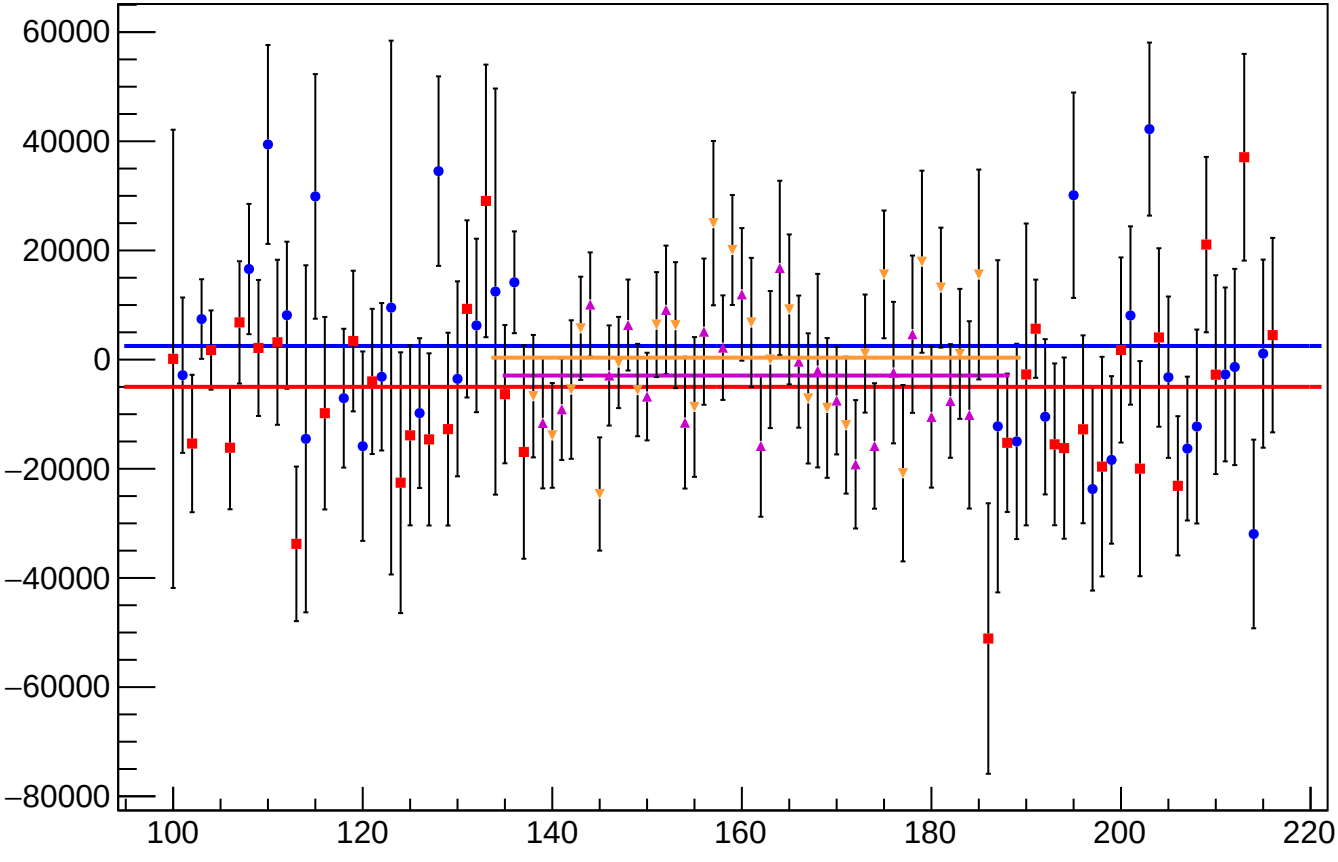
Left In: 9181.254+/-1.586 χ^2/NDF:1236469.7/22

+ sign 9581.134+/-1.176 χ^2/NDF: 4578143.9/56

All: 331.654+/-0.136 χ^2/NDF: 134929488.8/1

- sign 205.563+/-0.137 χ^2/NDF: 67634699.0/57

asym_atr2_mean vs Slug



Right In: 2499.587+/-2675.483 χ^2/NDF: 37.4/31

Left Out: 355.717+/-2281.682 χ^2/NDF:26.2/24

Right Out: -4989.406+/-2472.080 χ^2/NDF: 31.5/34

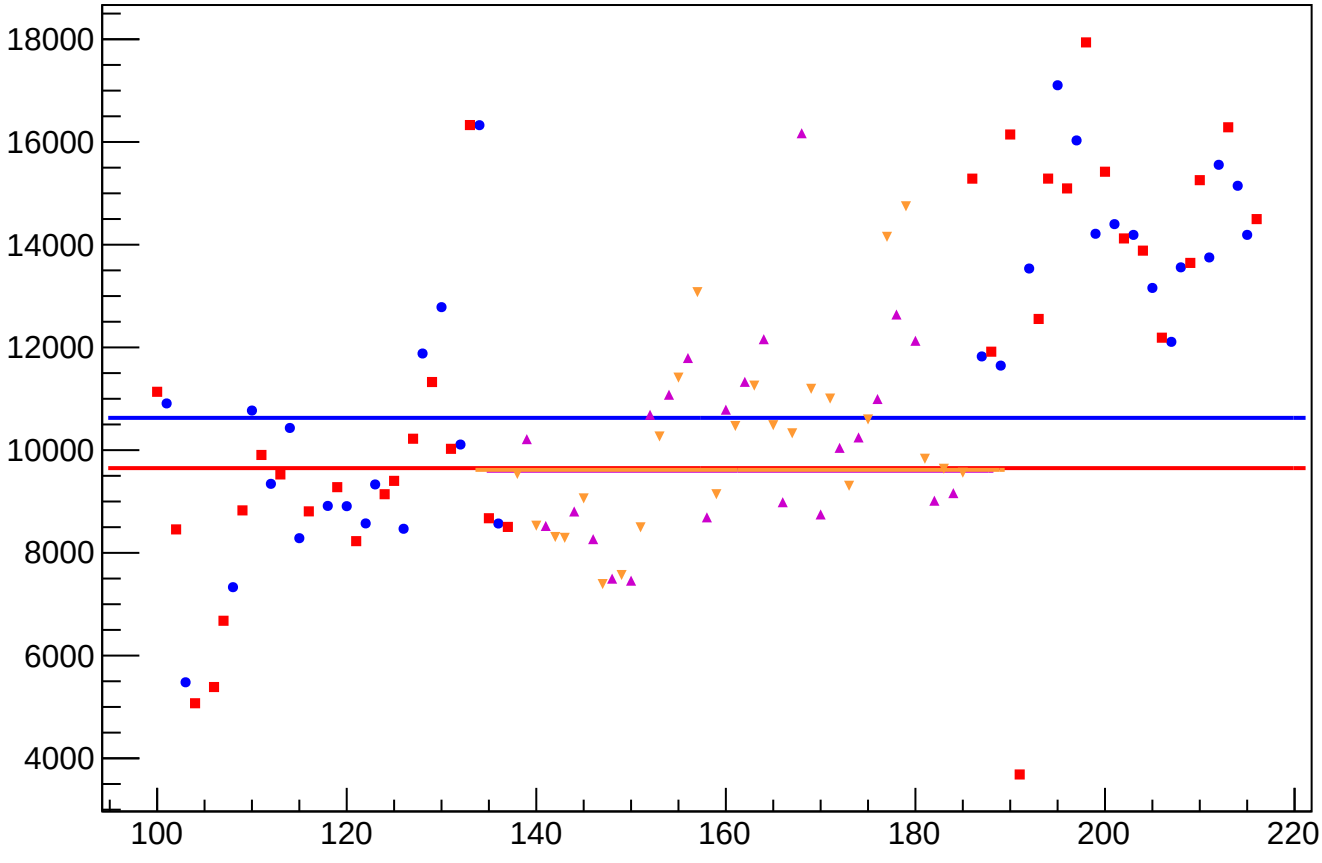
Left In: -2918.356+/-2338.461 χ^2/NDF:14.9/22

+ sign 1258.410+/-1736.093 χ^2/NDF: 64.0/56

All: -1374.930+/-1214.209 χ^2/NDF: 115.2/11

- sign -3896.399+/-1698.816 χ^2/NDF: 46.8/57

asym_atr2_rms vs Slug



Right In: 10628.429+/-1.892 χ^2/NDF: 2932826.7/31

Left Out: 9616.245+/-1.613 χ^2/NDF:1011665.6/24

Right Out: 9649.948+/-1.748 χ^2/NDF: 4727497.0/34

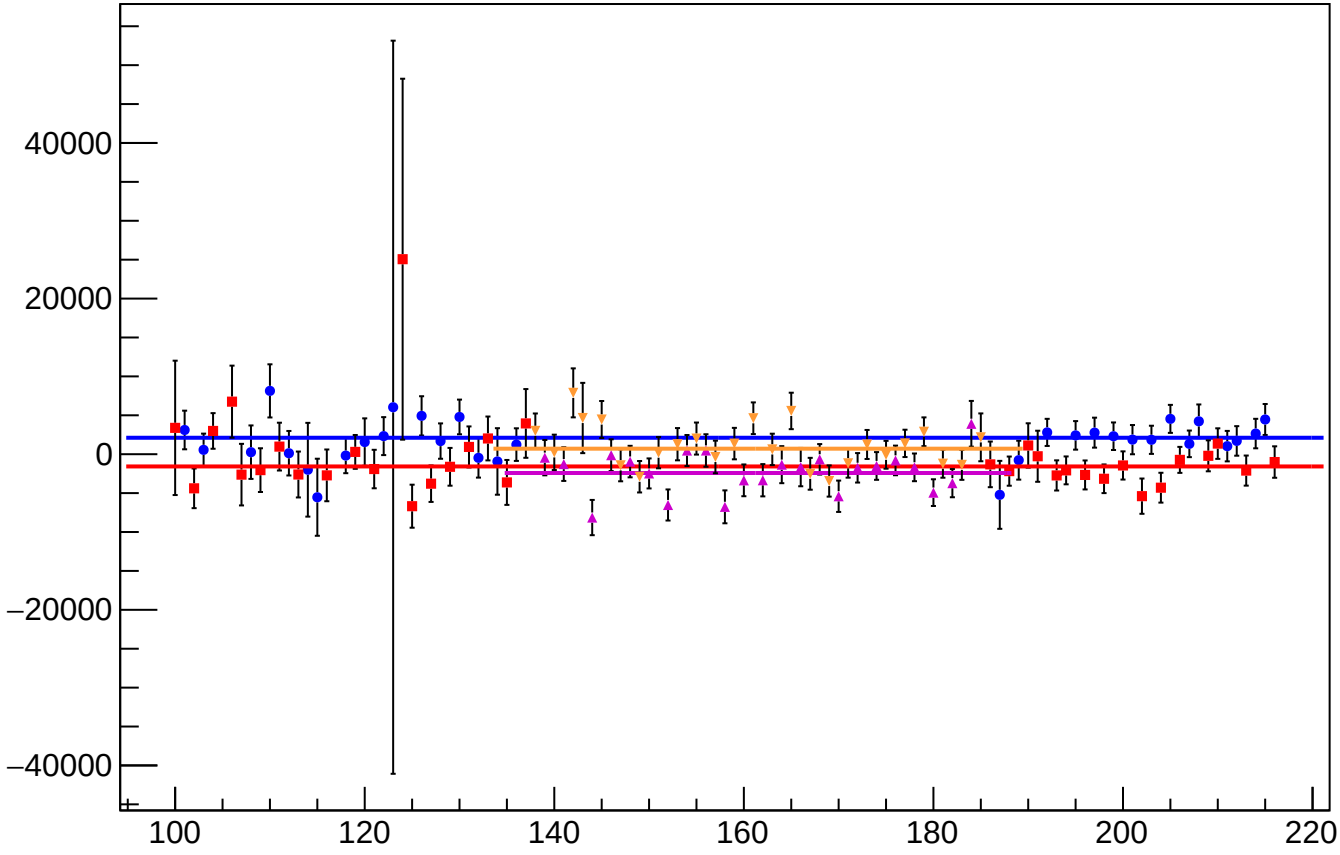
Left In: 9598.531+/-1.654 χ^2/NDF:1082171.6/22

+ sign 10042.433+/-1.228 χ^2/NDF: 4110214.1/56

All: 9828.067+/-0.859 χ^2/NDF: 9980028.5/11

- sign 9622.813+/-1.201 χ^2/NDF: 5810125.2/57

reg_asym_atl_avg_mean vs Slug



Right In: 2114.119+/-402.803 χ^2/NDF: 22.3/31

Left Out: 709.722+/-417.377 χ^2/NDF:34.8/24

Right Out: -1573.785+/-403.615 χ^2/NDF: 31.4/34

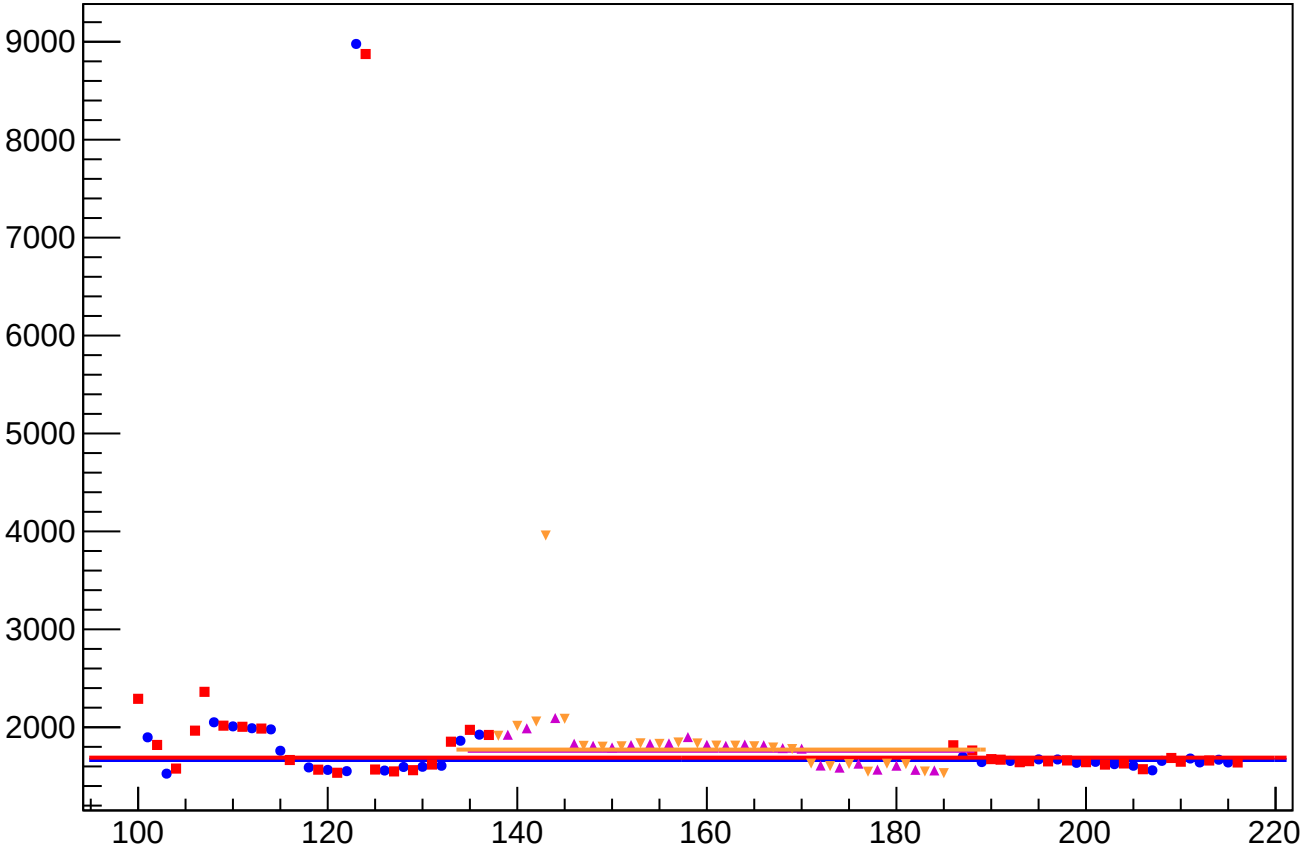
Left In: -2414.749+/-423.472 χ^2/NDF:34.0/22

+ sign 1436.868+/-289.840 χ^2/NDF: 63.0/56

All: -254.977+/-205.766 χ^2/NDF: 199.1/114

- sign -1974.089+/-292.167 χ^2/NDF: 67.5/57

reg_asym_atl_avg_rms vs Slug



Right In: 1665.725+/-0.285 χ^2/NDF: 216555.7/31

Left Out: 1772.046+/-0.295 χ^2/NDF:702472.4/24

Right Out: 1689.828+/-0.285 χ^2/NDF: 439398.1/34

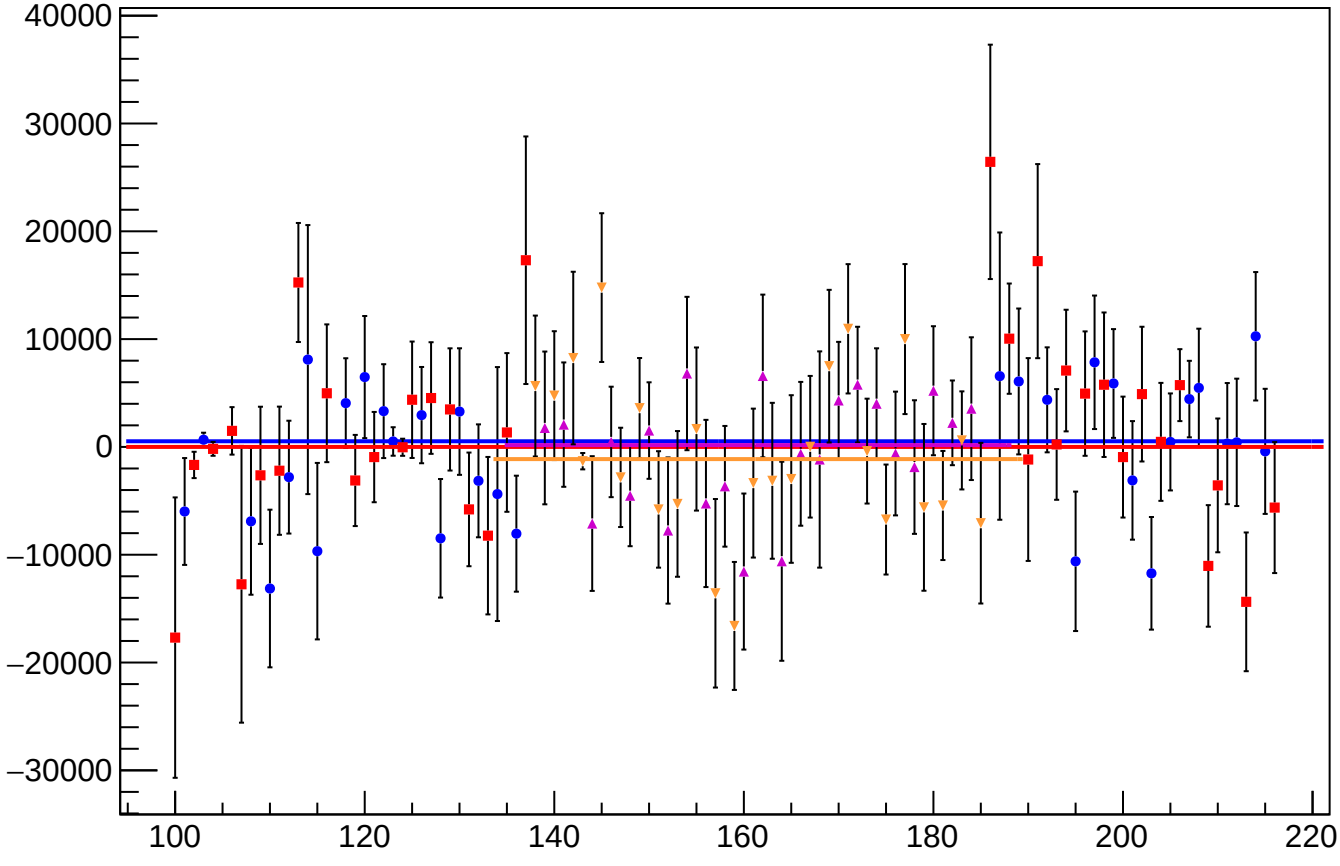
Left In: 1759.600+/-0.299 χ^2/NDF:214891.5/22

+ sign 1716.997+/-0.205 χ^2/NDF: 986224.0/56

All: 1719.969+/-0.145 χ^2/NDF: 1669429.5/11

- sign 1722.984+/-0.206 χ^2/NDF: 682781.9/57

asym_atl_avg_correction_mean vs Slug



Right In: 523.830+/-504.448 χ^2/NDF: 35.1/31

Left Out: -1129.807+/-647.600 χ^2/NDF:31.5/24

Right Out: 0.161+/-415.284 χ^2/NDF: 51.1/34

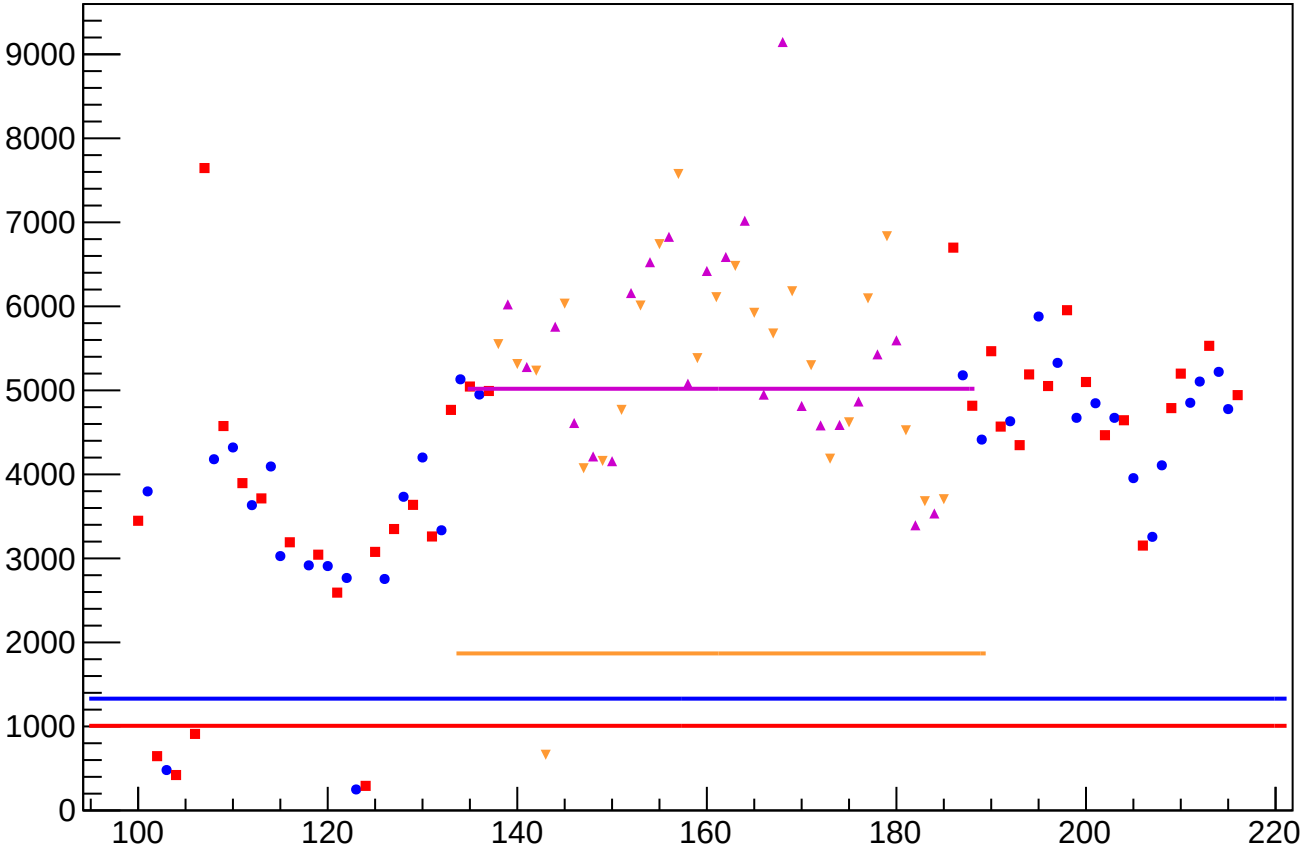
Left In: 168.182+/-1232.411 χ^2/NDF:14.2/22

+ sign -100.634+/-397.961 χ^2/NDF: 70.6/56

All: -41.012+/-279.825 χ^2/NDF: 135.9/114

- sign 17.294+/-393.542 χ^2/NDF: 65.3/57

asym_atl_avg_correction_rms vs Slug



Right In: 1330.692+/-0.357 χ^2/NDF: 20437050.6/31

Left Out: 1868.983+/-0.458 χ^2/NDF:19852416.6/24

Right Out: 1007.366+/-0.294 χ^2/NDF: 22983476.8/34

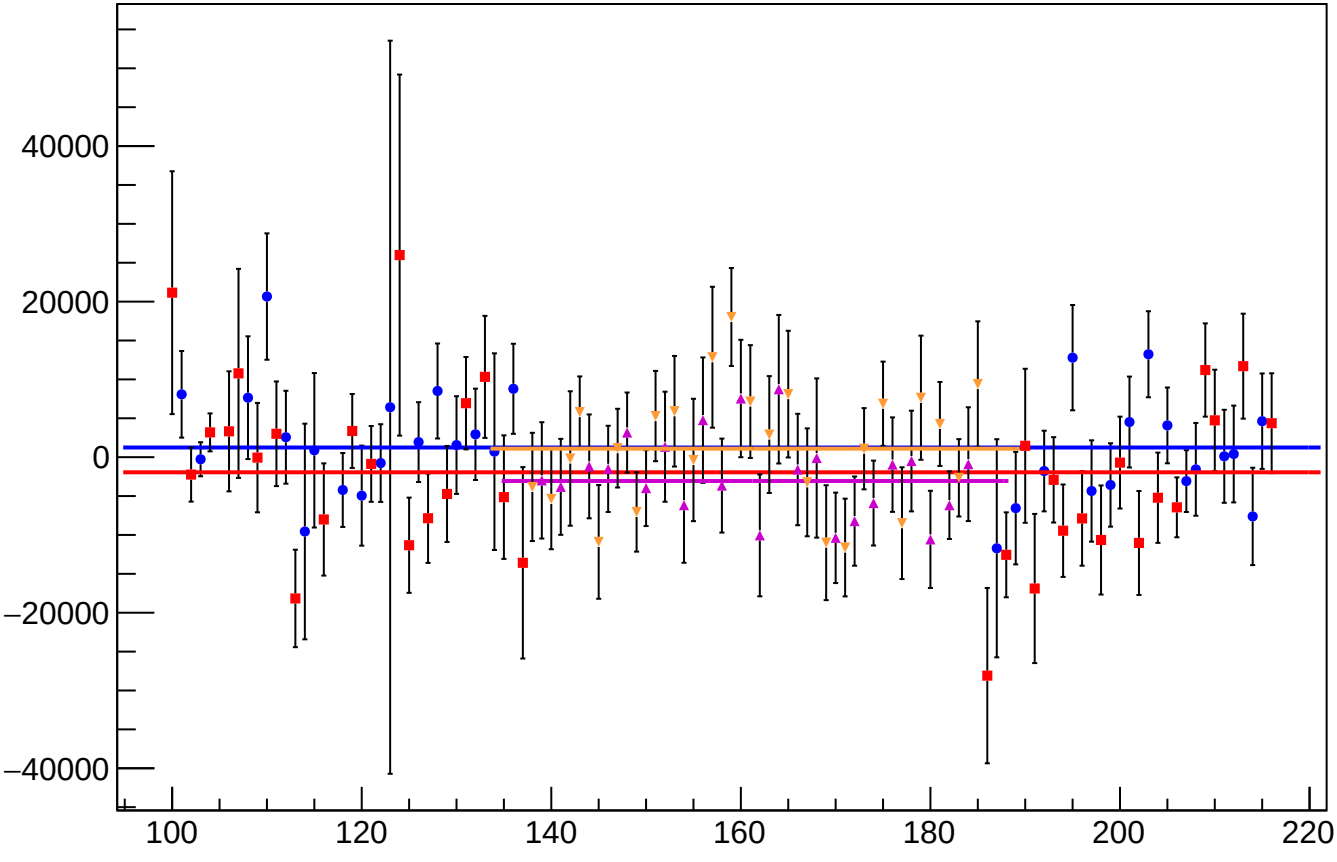
Left In: 5019.114+/-0.871 χ^2/NDF:1569031.9/22

+ sign 1533.968+/-0.281 χ^2/NDF: 41149467.7/56

All: 1474.548+/-0.198 χ^2/NDF: 84821848.5/1

- sign 1416.441+/-0.278 χ^2/NDF: 43584192.0/57

asym_atl_avg_mean vs Slug



Right In: 1244.126+/-988.798 χ^2/NDF: 30.6/31

Left Out: 1094.317+/-1273.113 χ^2/NDF:32.0/24

Right Out: -1946.165+/-990.363 χ^2/NDF: 58.4/34

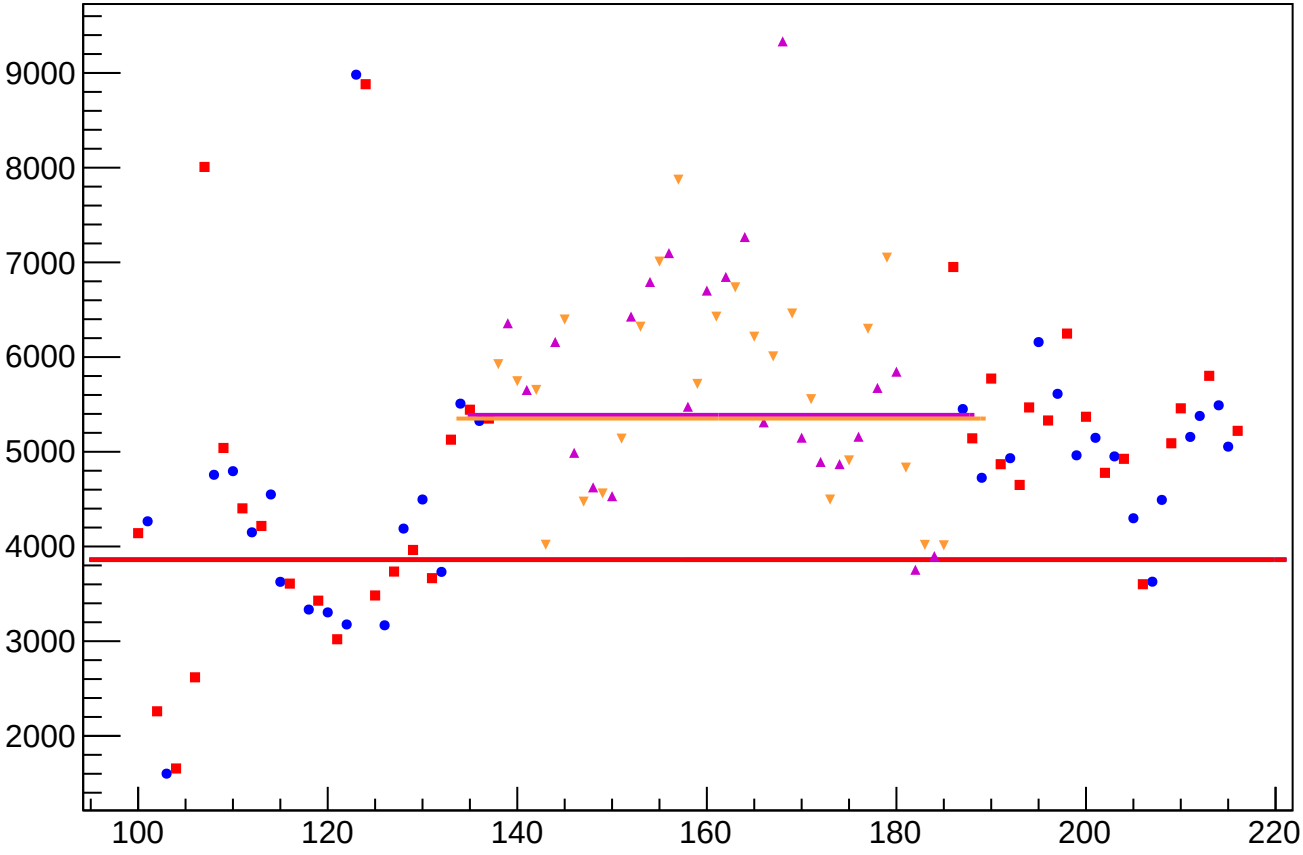
Left In: -3064.775+/-1318.173 χ^2/NDF:12.6/22

+ sign 1187.759+/-780.926 χ^2/NDF: 62.5/56

All: -556.569+/-555.999 χ^2/NDF: 144.1/114

- sign -2349.768+/-791.790 χ^2/NDF: 71.5/57

asym_atl_avg_rms vs Slug



Right In: 3864.552+/-0.699 χ^2/NDF: 3774968.8/31

Left Out: 5350.804+/-0.900 χ^2/NDF:1241497.9/24

Right Out: 3856.396+/-0.694 χ^2/NDF: 4372308.3/34

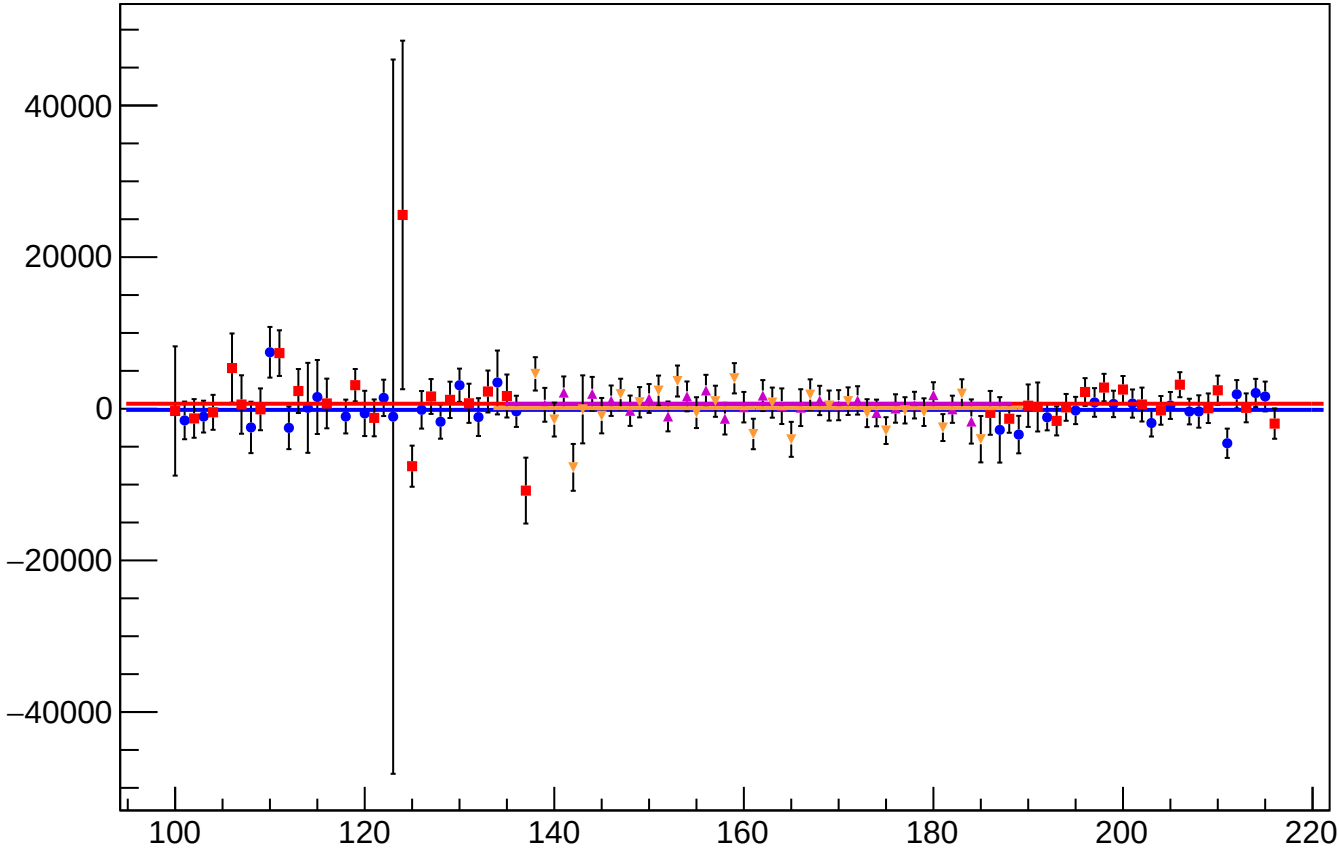
Left In: 5389.724+/-0.932 χ^2/NDF:1309863.0/22

+ sign 4423.765+/-0.552 χ^2/NDF: 6716615.2/56

All: 4413.713+/-0.392 χ^2/NDF: 14140053.1/1

- sign 4403.493+/-0.557 χ^2/NDF: 7422769.6/57

reg_asym_atl_dd_mean vs Slug



Right In: -143.929+/-397.210 χ^2/NDF: 24.0/31

Left Out: 86.214+/-411.530 χ^2/NDF:36.0/24

Right Out: 664.453+/-397.813 χ^2/NDF: 38.4/34

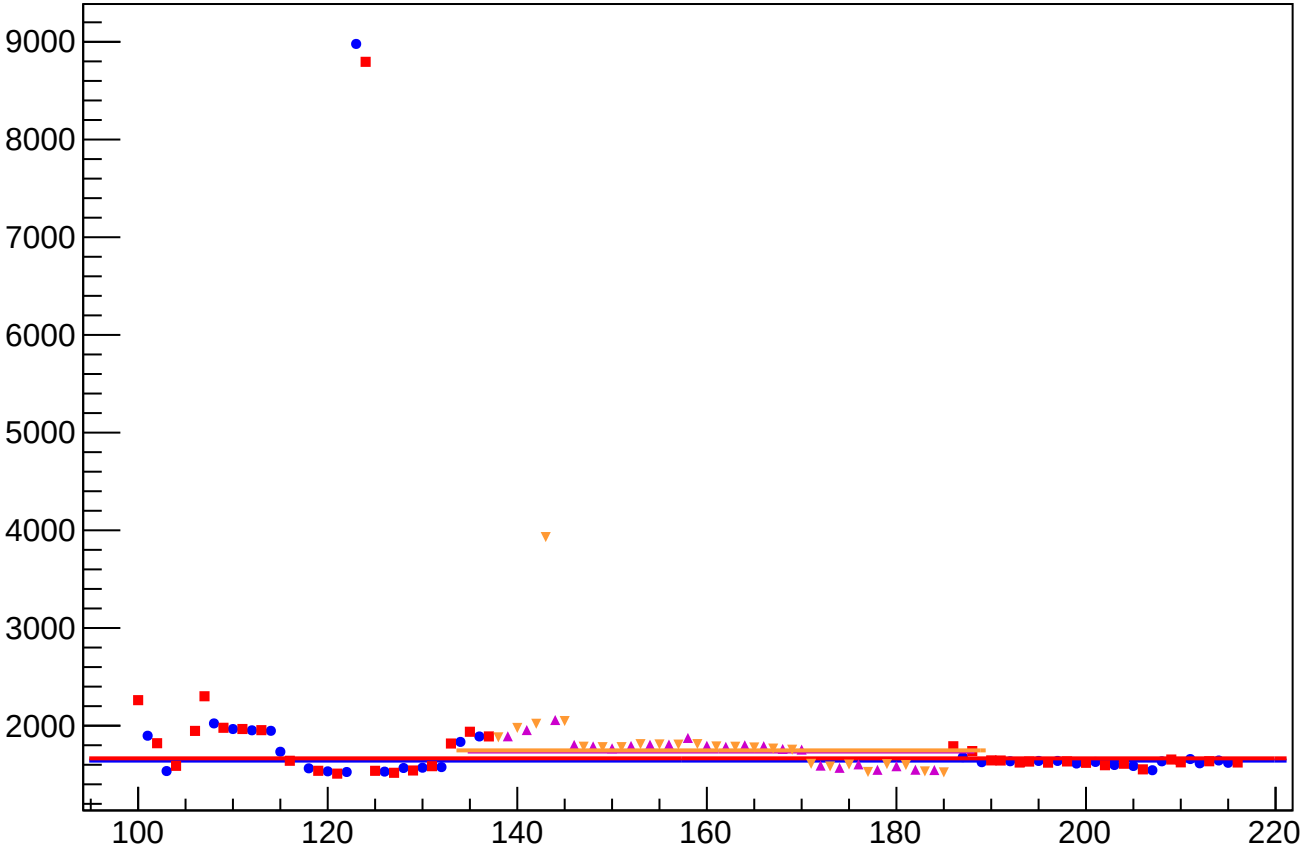
Left In: 640.235+/-417.645 χ^2/NDF:6.2/22

\+ sign -32.931+/-285.798 χ^2/NDF: 60.2/56

All: 307.307+/-202.882 χ^2/NDF: 107.6/114

\- sign 652.933+/-288.052 χ^2/NDF: 44.6/57

reg_asym_atl_dd_rms vs Slug



Right In: 1642.654+/-0.281 χ^2/NDF: 213844.4/31

Left Out: 1747.320+/-0.291 χ^2/NDF:698192.3/24

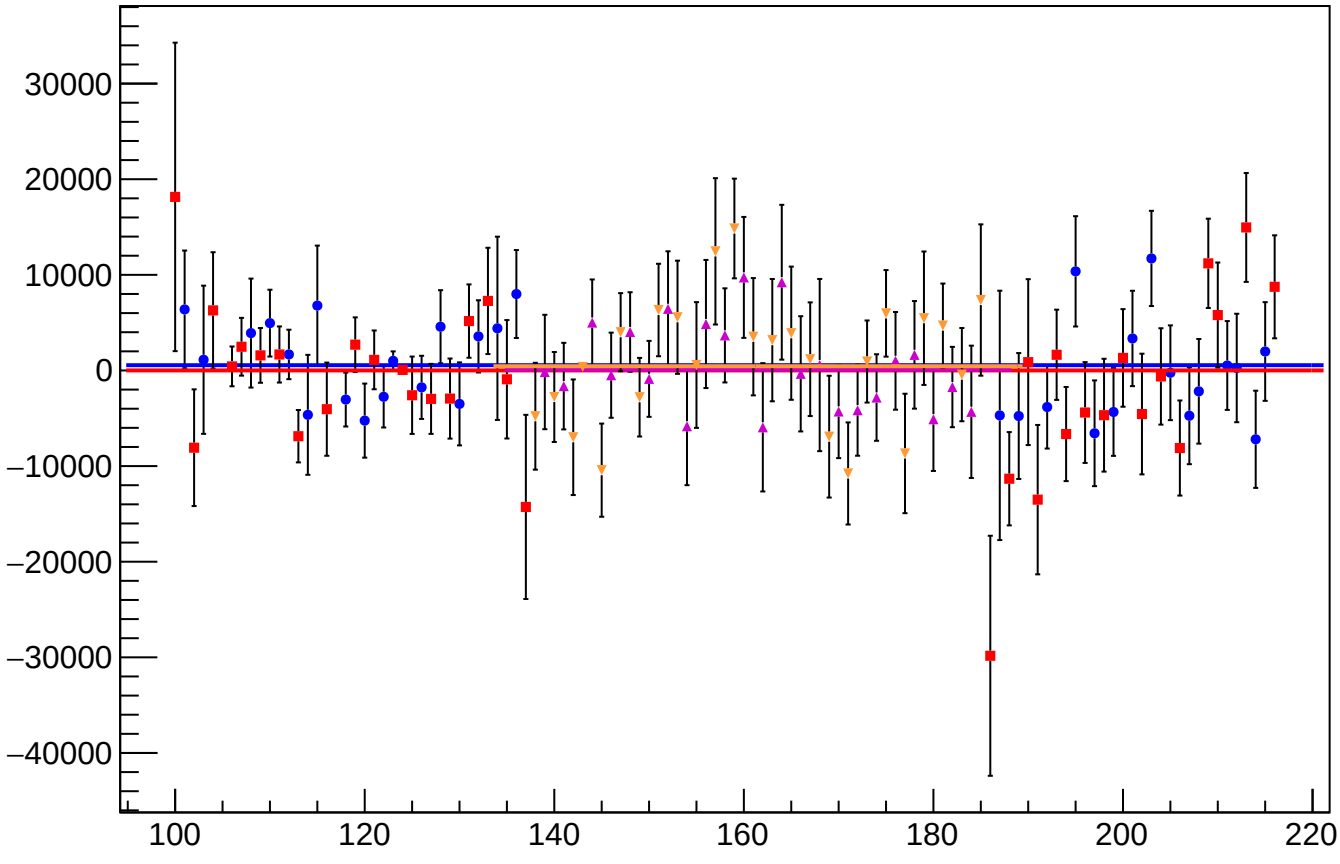
Right Out: 1665.772+/-0.281 χ^2/NDF: 434845.3/34

Left In: 1735.540+/-0.295 χ^2/NDF:206766.6/22

+ sign 1693.135+/-0.202 χ^2/NDF: 979012.1/56

All: 1696.000+/-0.143 χ^2/NDF: 1650335.5/11

- sign 1698.906+/-0.204 χ^2/NDF: 670918.5/57



Right In: 549.657+/-627.324 χ^2/NDF: 32.3/31

Left Out: 442.187+/-440.335 χ^2/NDF:33.9/24

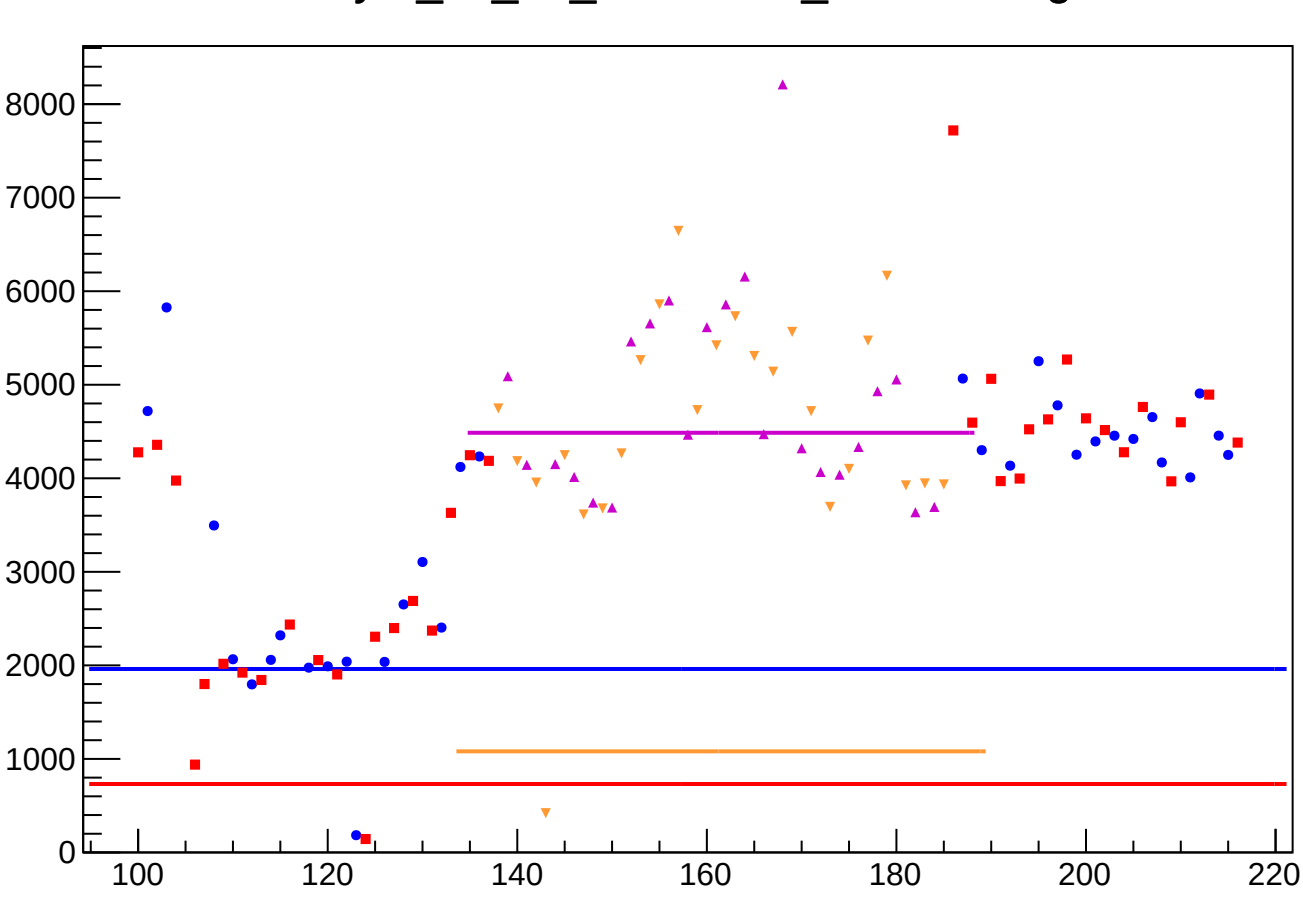
Right Out: 6.614+/-346.078 χ^2/NDF: 57.7/34

Left In: 88.508+/-1094.838 χ^2/NDF:13.4/22

+ sign 477.660+/-360.410 χ^2/NDF: 66.3/56

All: 225.465+/-243.381 χ^2/NDF: 138.4/114

- sign 14.053+/-329.984 χ^2/NDF: 71.2/57



Right In: 1961.371+/-0.444 χ^2/NDF: 14987518.5/31

Left Out: 1081.004+/-0.311 χ^2/NDF:24456244.2/24

Right Out: 731.853+/-0.245 χ^2/NDF: 26380077.3/34

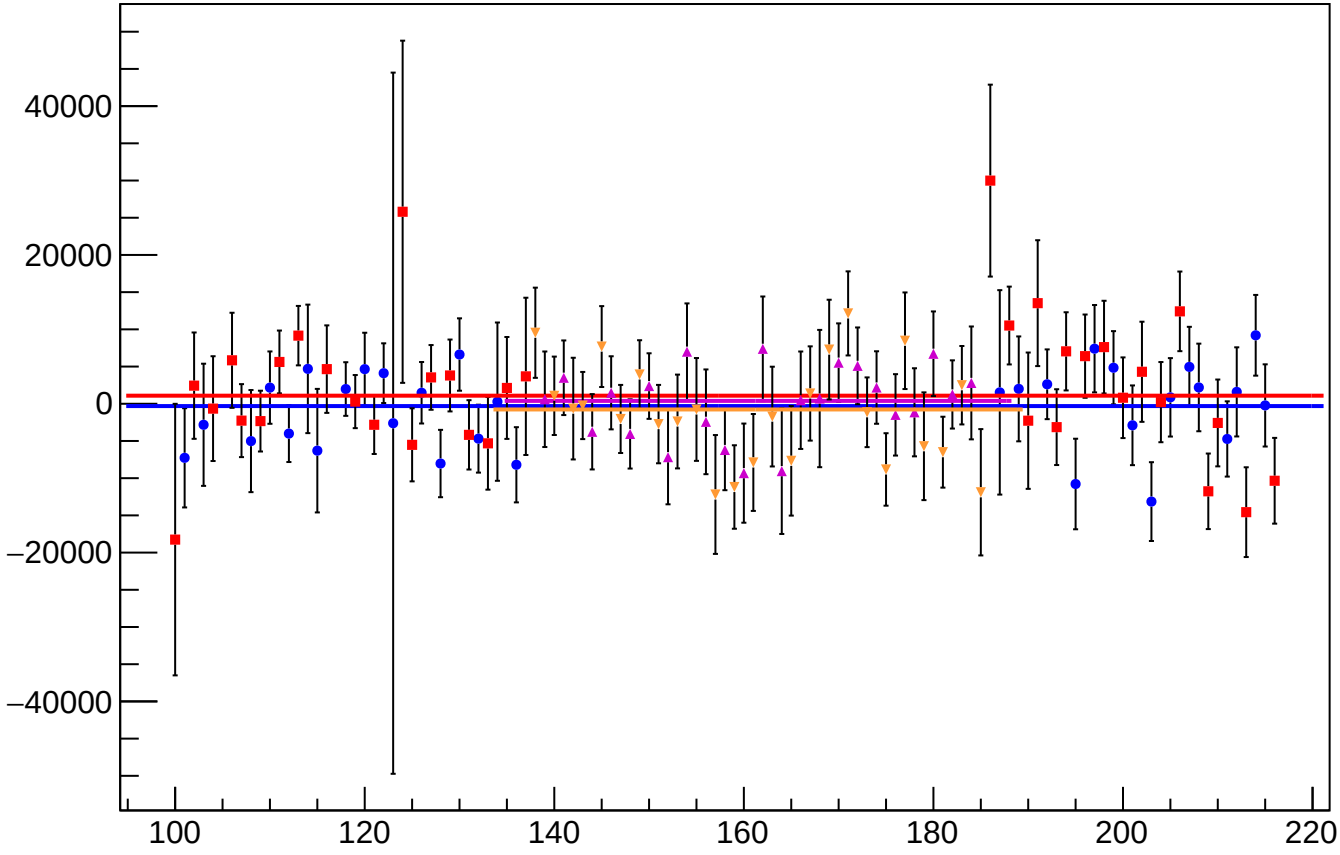
Left In: 4486.570+/-0.774 χ^2/NDF:1181598.1/22

+ sign 1371.589+/-0.255 χ^2/NDF: 42082536.2/56

All: 1209.128+/-0.172 χ^2/NDF: 91776983.8/1

- sign 1072.939+/-0.233 χ^2/NDF: 48947398.9/57

asym_atl_dd_mean vs Slug



Right In: -309.961+/-955.108 χ^2/NDF: 32.4/31

Left Out: -766.008+/-1147.372 χ^2/NDF:29.9/24

Right Out: 1086.437+/-931.066 χ^2/NDF: 52.4/34

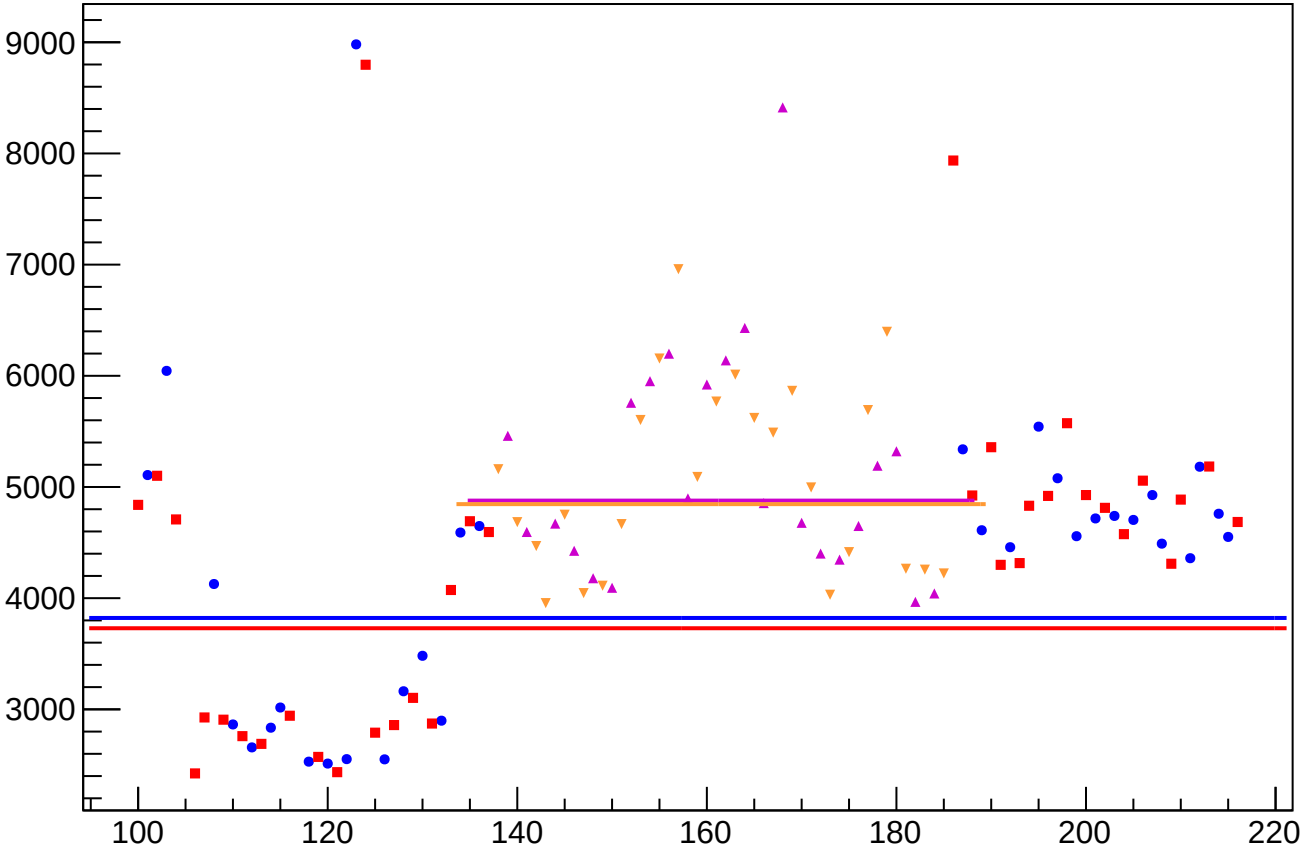
Left In: 388.944+/-1186.300 χ^2/NDF:14.2/22

+ sign -496.626+/-734.060 χ^2/NDF: 62.4/56

All: 163.440+/-518.479 χ^2/NDF: 130.8/114

- sign 820.564+/-732.422 χ^2/NDF: 66.8/57

asym_atl_dd_rms vs Slug



Right In: 3822.038+/-0.675 χ^2/NDF: 2430556.1/31

Left Out: 4845.779+/-0.811 χ^2/NDF:909173.9/24

Right Out: 3729.516+/-0.653 χ^2/NDF: 2882732.1/34

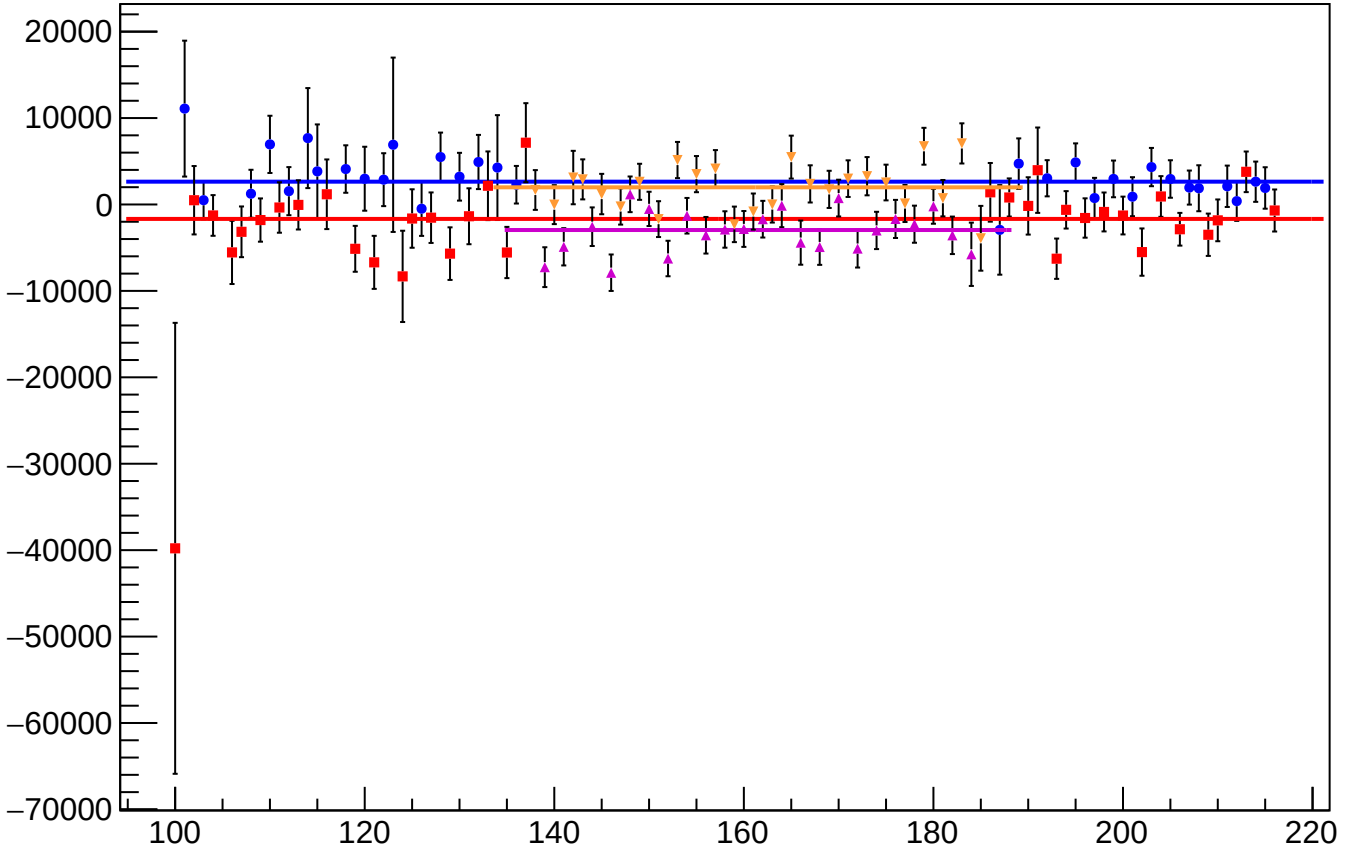
Left In: 4877.456+/-0.839 χ^2/NDF:958623.2/22

+ sign 4241.066+/-0.519 χ^2/NDF: 4280234.2/56

All: 4201.725+/-0.366 χ^2/NDF: 9298674.0/11

- sign 4162.931+/-0.515 χ^2/NDF: 5007030.3/57

reg_asym_atr_avg_mean vs Slug



Right In: 2639.474+/-477.669 χ^2/NDF: 14.1/31

Left Out: 1985.469+/-443.190 χ^2/NDF:32.4/24

Right Out: -1670.990+/-470.497 χ^2/NDF: 36.5/34

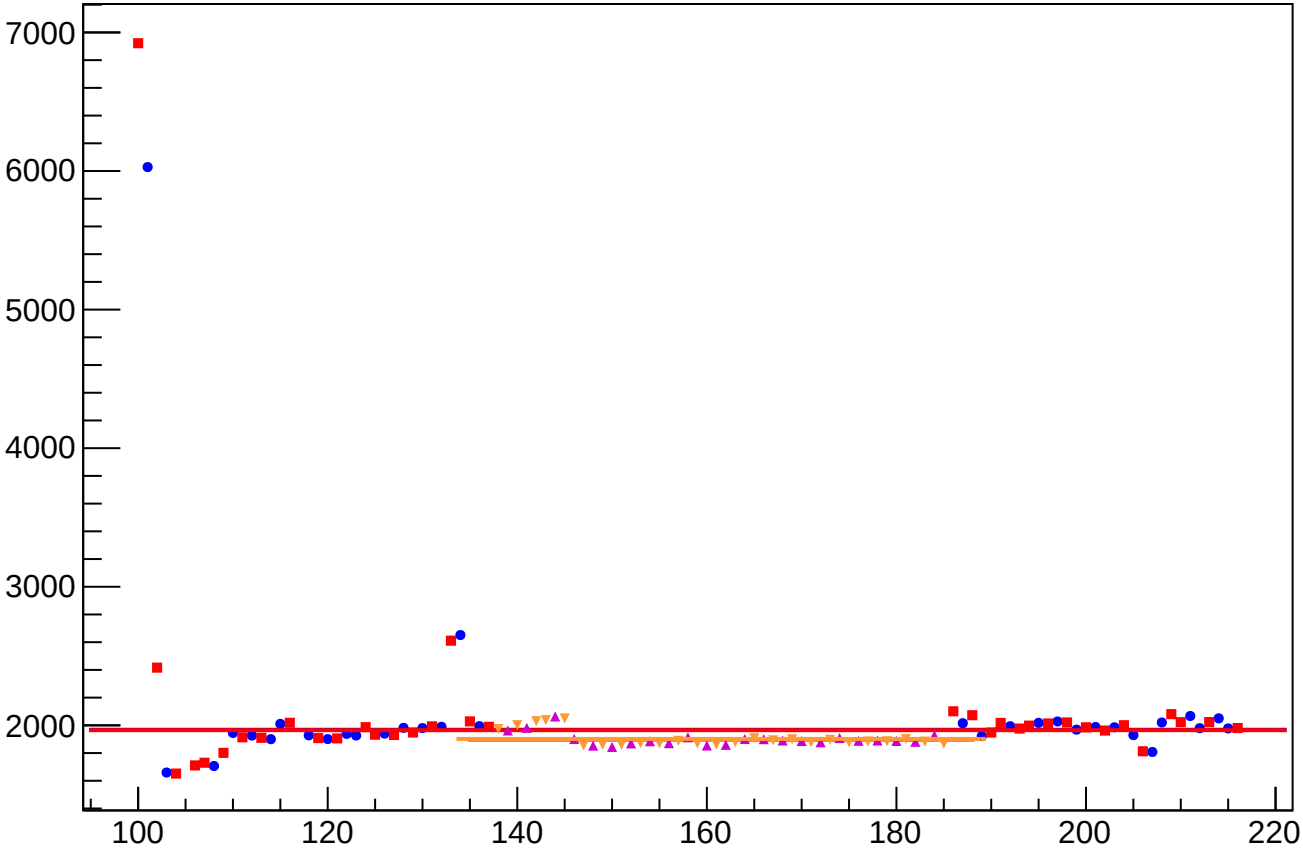
Left In: -2955.900+/-454.551 χ^2/NDF:28.4/22

+ sign 2288.018+/-324.889 χ^2/NDF: 47.5/56

All: -9.462+/-230.442 χ^2/NDF: 217.0/114

- sign -2335.588+/-326.908 χ^2/NDF: 68.8/57

reg_asym_atr_avg_rms vs Slug



Right In: 1967.887+/-0.338 χ^2/NDF: 642465.6/31

Left Out: 1901.884+/-0.313 χ^2/NDF:30446.9/24

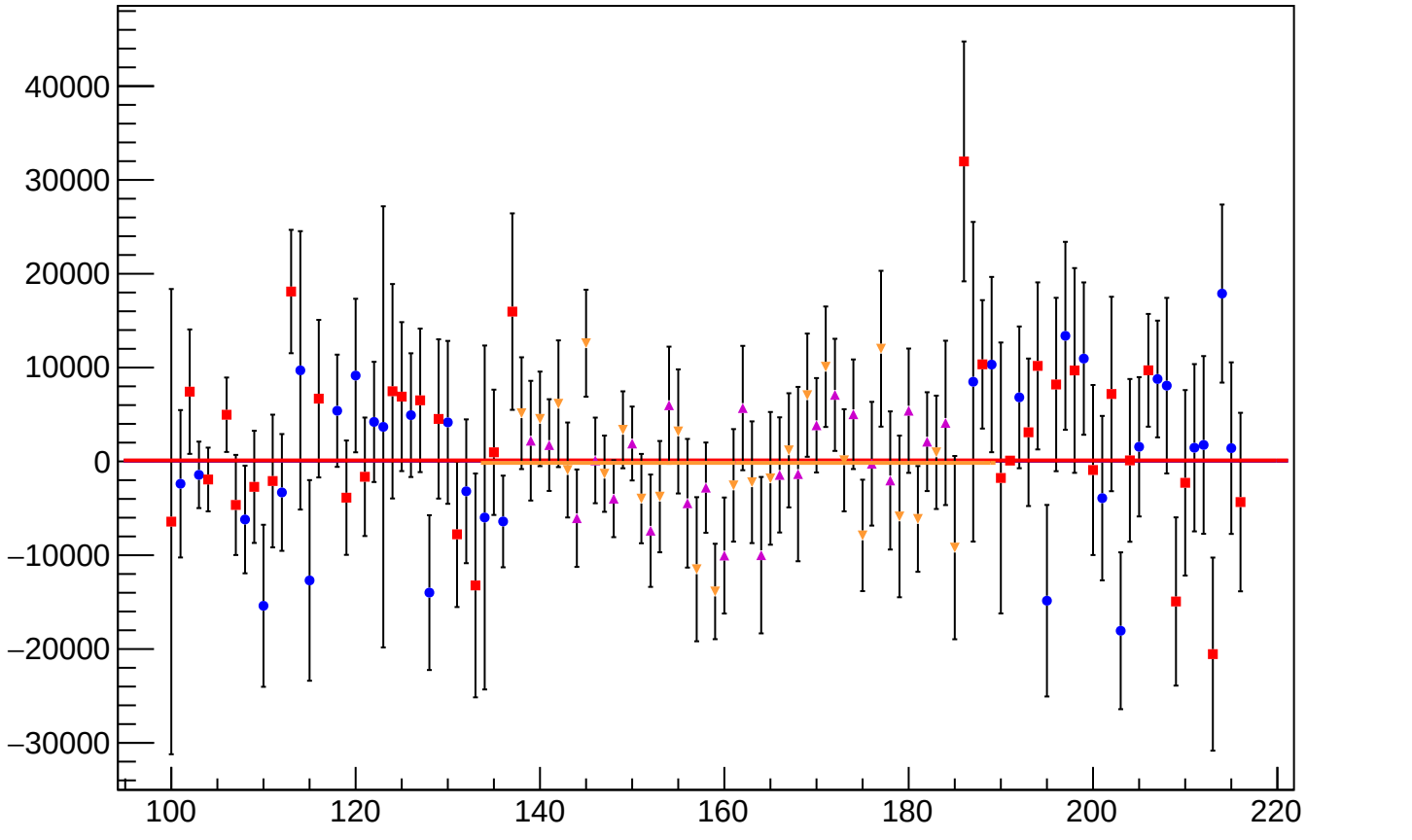
Right Out: 1964.997+/-0.332 χ^2/NDF: 255100.9/34

Left In: 1897.456+/-0.321 χ^2/NDF:21180.1/22

+ sign 1932.417+/-0.230 χ^2/NDF: 693433.2/56

All: 1931.262+/-0.163 χ^2/NDF: 991103.4/114

- sign 1930.094+/-0.231 χ^2/NDF: 297619.4/57



Right In: 63.642+/-1339.432 χ^2/NDF: 34.2/31

Left Out: -157.539+/-1165.844 χ^2/NDF:29.5/24

Right Out: 100.612+/-109.523 χ^2/NDF: 41.2/34

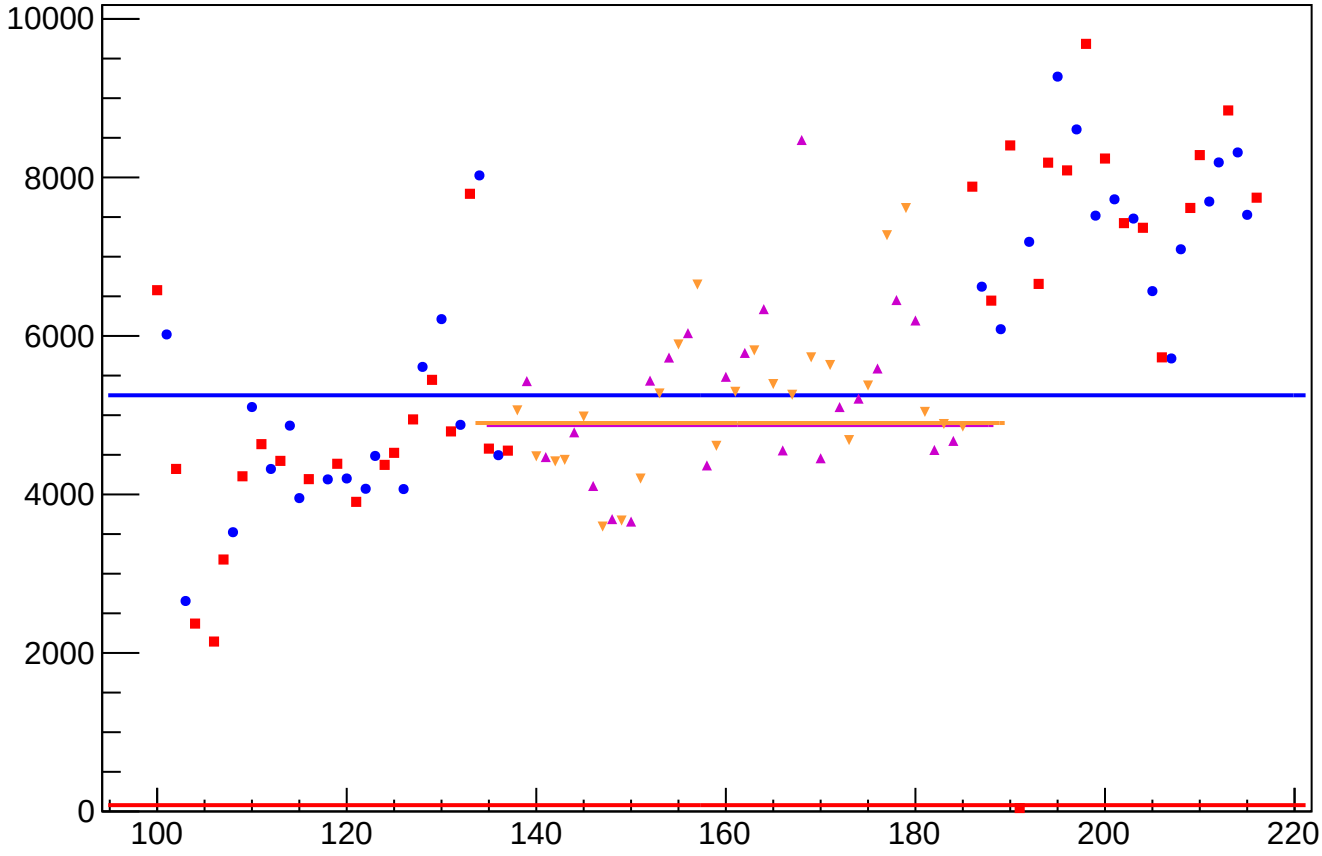
Left In: -139.000+/-1190.889 χ^2/NDF:14.7/22

+ sign -62.200+/-879.388 χ^2/NDF: 63.7/56

All: 96.166+/-108.234 χ^2/NDF: 119.7/114

- sign 98.602+/-109.063 χ^2/NDF: 55.9/57

asym_atr_avg_correction_rms vs Slug



Right In: 5251.193+/-0.947 χ^2/NDF: 3685916.3/31

Left Out: 4901.357+/-0.824 χ^2/NDF:1136916.0/24

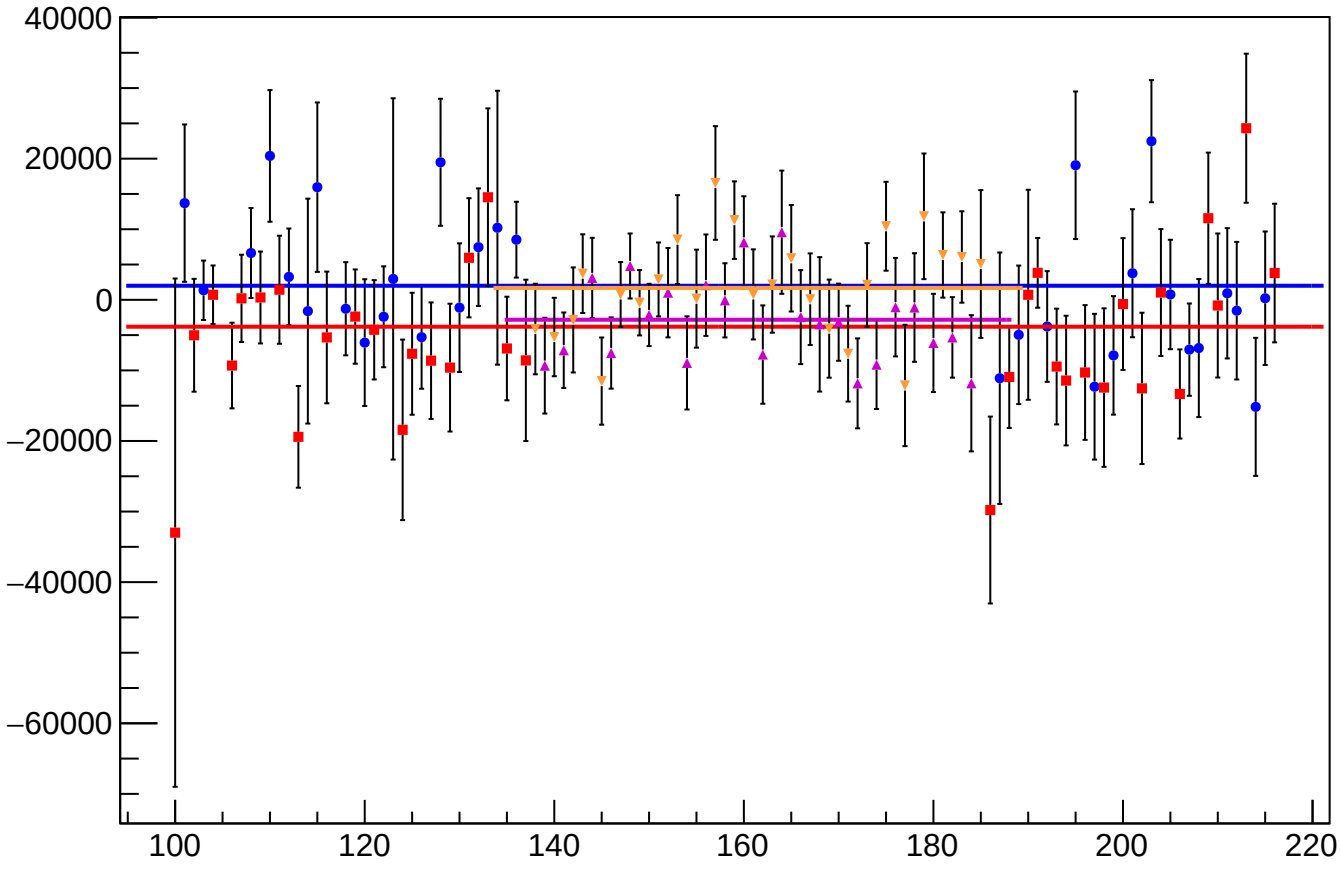
Right Out: 79.515+/-0.077 χ^2/NDF: 34146658.4/34

Left In: 4875.112+/-0.842 χ^2/NDF:1229198.0/22

+ sign 5052.151+/-0.622 χ^2/NDF: 4900456.6/56

All: 194.454+/-0.077 χ^2/NDF: 134402947.7/1

- sign 119.736+/-0.077 χ^2/NDF: 67535754.1/57



Right In: 1992.928+/-1464.160 χ^2/NDF: 34.6/31

Left Out: 1686.531+/-1261.650 χ^2/NDF:25.4/24

Right Out: -3810.289+/-1349.783 χ^2/NDF: 38.2/34

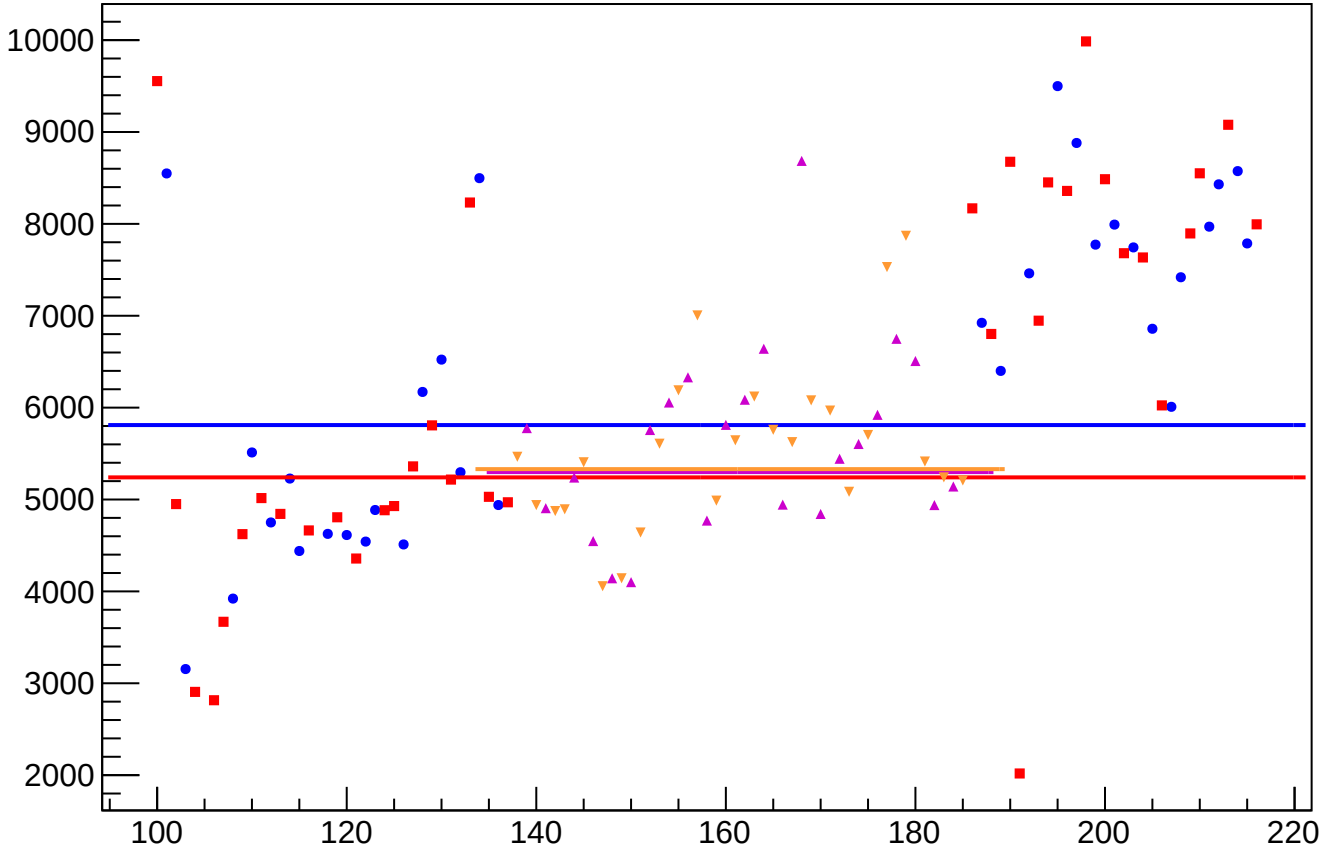
Left In: -2824.078+/-1288.414 χ^2/NDF:18.0/22

+ sign 1817.091+/-955.766 χ^2/NDF: 60.0/56

All: -802.958+/-667.263 χ^2/NDF: 131.2/114

- sign -3294.255+/-931.987 χ^2/NDF: 56.5/57

asym_atr_avg_rms vs Slug



Right In: 5810.256+/-1.035 χ^2/NDF: 2961748.9/31

Left Out: 5330.725+/-0.892 χ^2/NDF:868061.7/24

Right Out: 5240.888+/-0.951 χ^2/NDF: 4723235.6/34

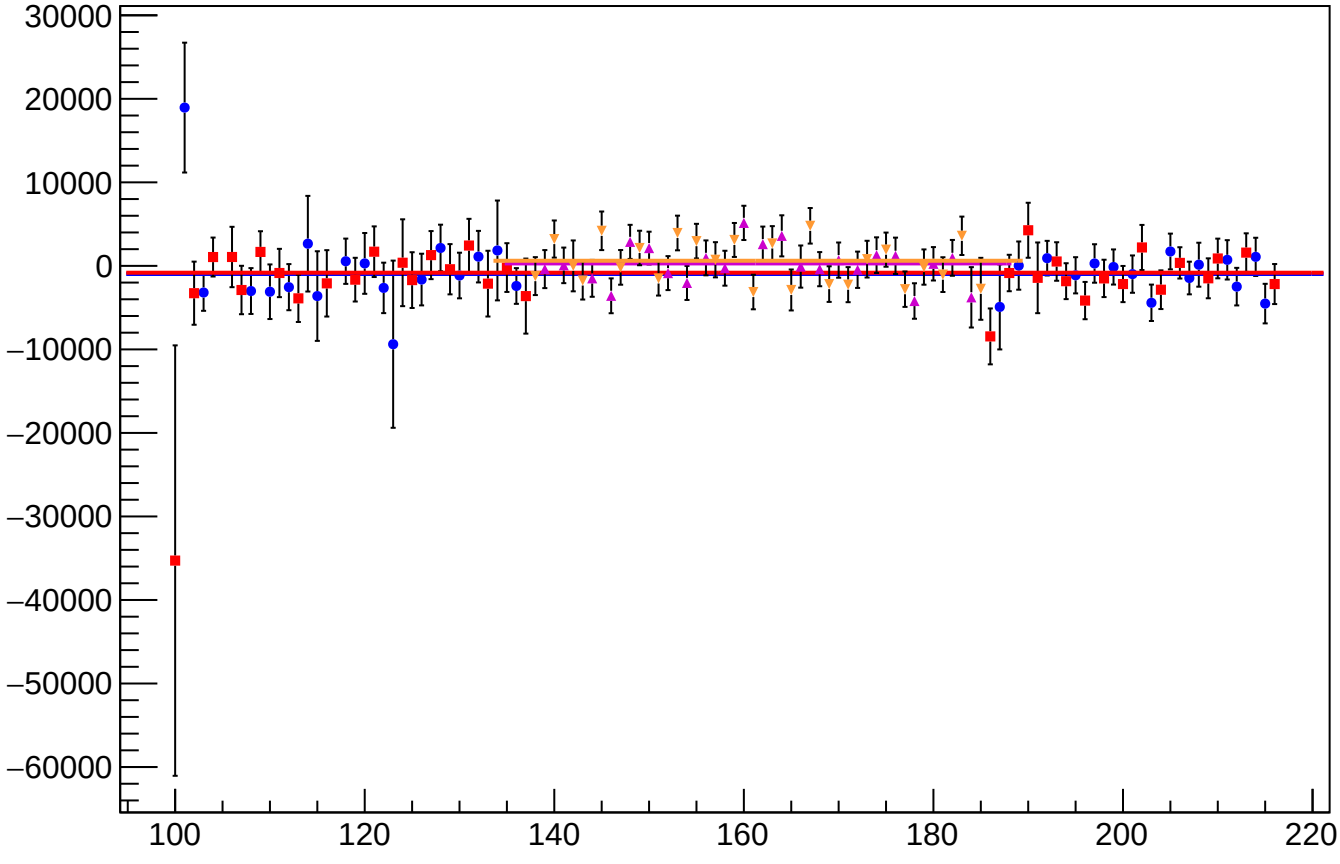
Left In: 5298.329+/-0.911 χ^2/NDF:956021.6/22

+ sign 5535.060+/-0.676 χ^2/NDF: 3952926.0/56

All: 5399.399+/-0.471 χ^2/NDF: 9712562.4/11

- sign 5270.842+/-0.658 χ^2/NDF: 5681159.5/57

reg_asym_atr_dd_mean vs Slug



Right In: -972.352+/-471.429 χ^2/NDF: 23.8/31

Left Out: 612.314+/-438.264 χ^2/NDF:32.7/24

Right Out: -819.669+/-463.607 χ^2/NDF: 24.3/34

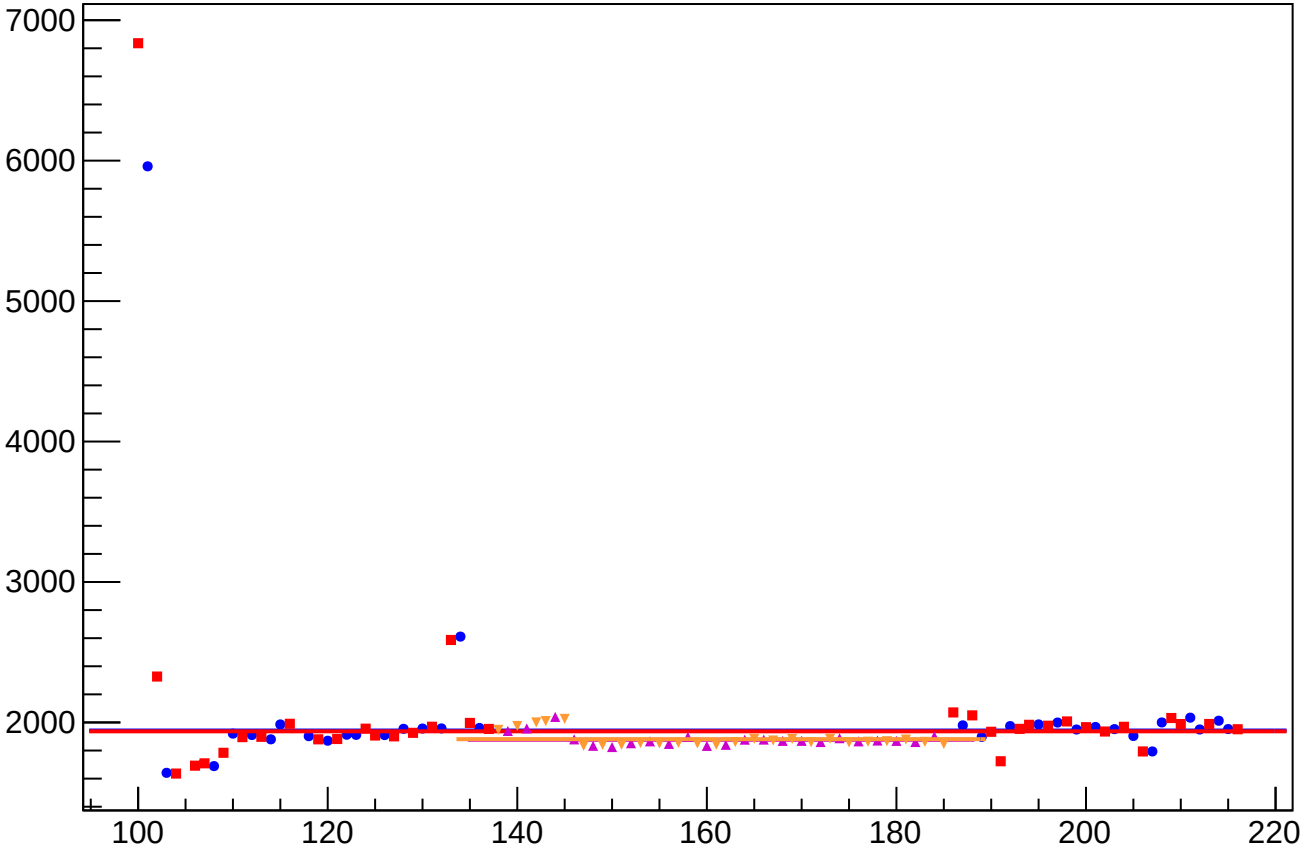
Left In: 293.009+/-449.575 χ^2/NDF:23.6/22

+ sign -122.323+/-320.984 χ^2/NDF: 62.5/56

All: -183.942+/-227.590 χ^2/NDF: 113.5/114

- sign -246.238+/-322.744 χ^2/NDF: 50.9/57

reg_asym_atr_dd_rms vs Slug



Right In: 1942.360+/-0.333 χ^2/NDF: 638321.6/31

Left Out: 1880.808+/-0.310 χ^2/NDF:28655.5/24

Right Out: 1936.775+/-0.328 χ^2/NDF: 251064.4/34

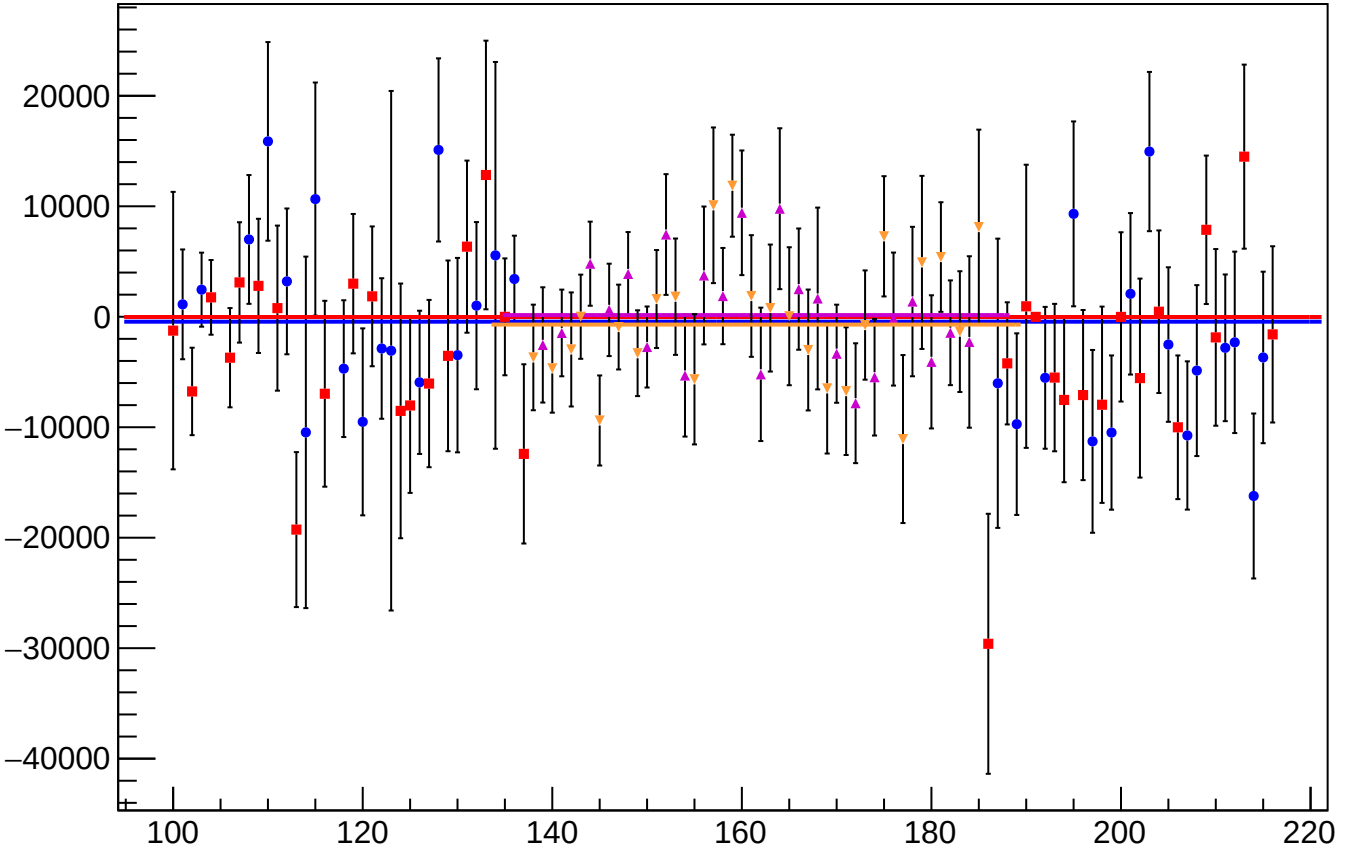
Left In: 1876.685+/-0.318 χ^2/NDF:20499.7/22

+ sign 1909.343+/-0.227 χ^2/NDF: 685265.7/56

All: 1907.598+/-0.161 χ^2/NDF: 974281.2/114

- sign 1905.834+/-0.228 χ^2/NDF: 288896.7/57

asym_atr_dd_correction_mean vs Slug



Right In: -446.378+/-1217.507 χ^2/NDF: 34.3/31

Left Out: -707.785+/-1017.719 χ^2/NDF:27.1/24

Right Out: -22.142+/-85.775 χ^2/NDF: 36.9/34

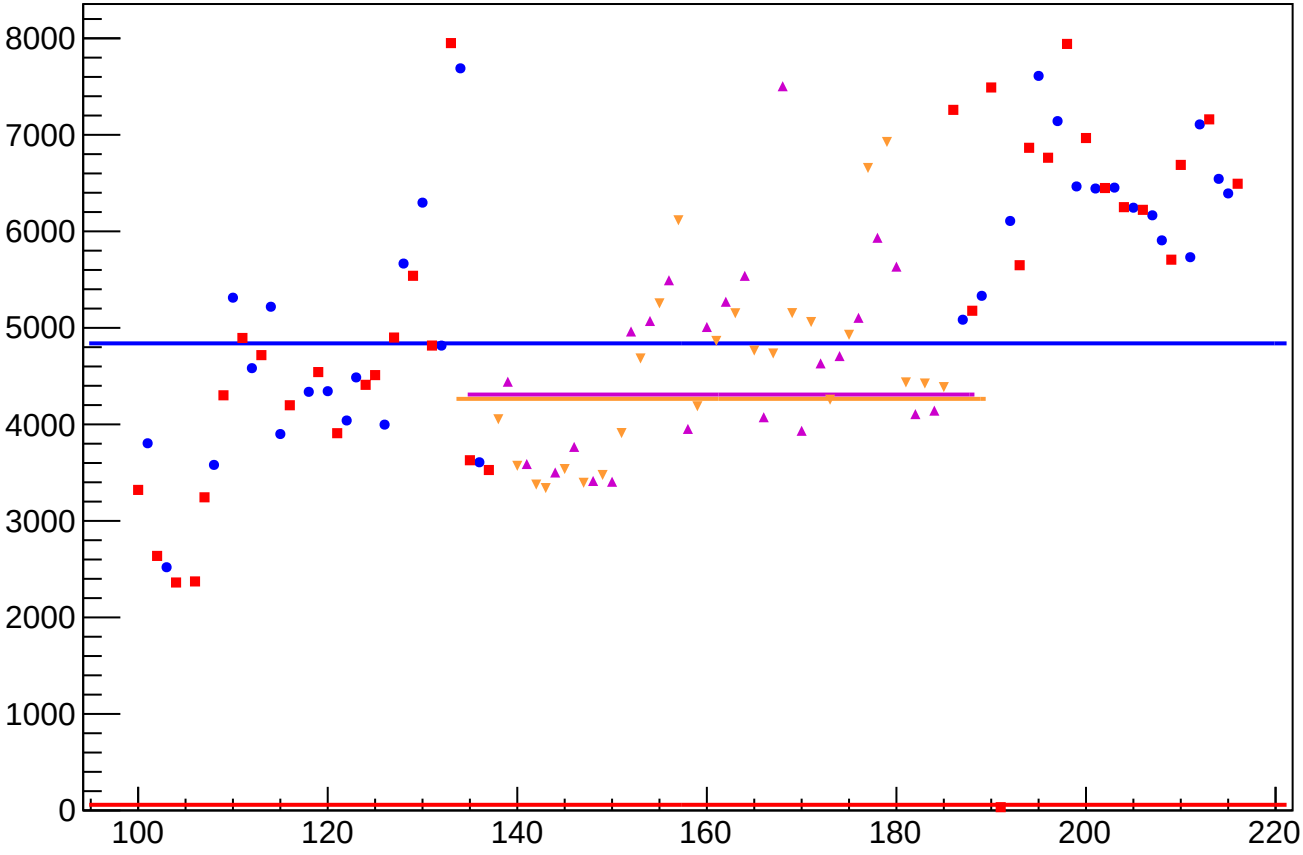
Left In: 150.495+/-1053.655 χ^2/NDF:16.9/22

\+ sign -600.262+/-780.845 χ^2/NDF: 61.5/56

All: -27.866+/-84.984 χ^2/NDF: 115.9/114

\- sign -21.005+/-85.492 χ^2/NDF: 53.8/57

asym_atr_dd_correction_rms vs Slug



Right In: 4839.410+/-0.861 χ^2/NDF: 2911068.2/31

Left Out: 4264.433+/-0.720 χ^2/NDF:1354900.8/24

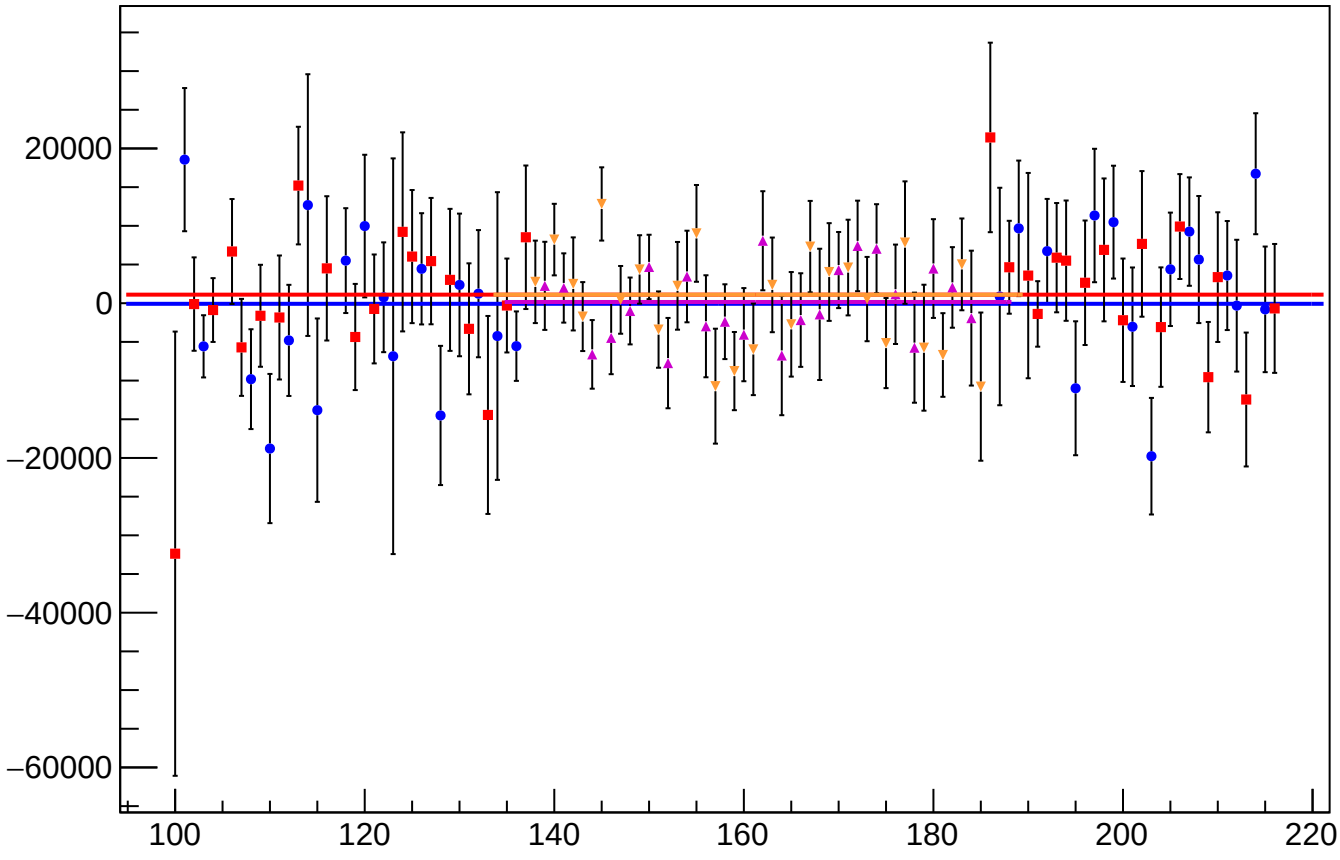
Right Out: 58.587+/-0.061 χ^2/NDF: 34322580.7/34

Left In: 4309.034+/-0.745 χ^2/NDF:1305133.3/22

+ sign 4500.936+/-0.552 χ^2/NDF: 4528549.6/56

All: 138.859+/-0.060 χ^2/NDF: 135651194.8/1

- sign 86.570+/-0.060 χ^2/NDF: 67959788.6/57



Right In: -77.254+/-1356.210 χ^2/NDF: 43.1/31

Left Out: 1102.204+/-1126.663 χ^2/NDF:28.6/24

Right Out: 1106.618+/-1254.235 χ^2/NDF: 23.7/34

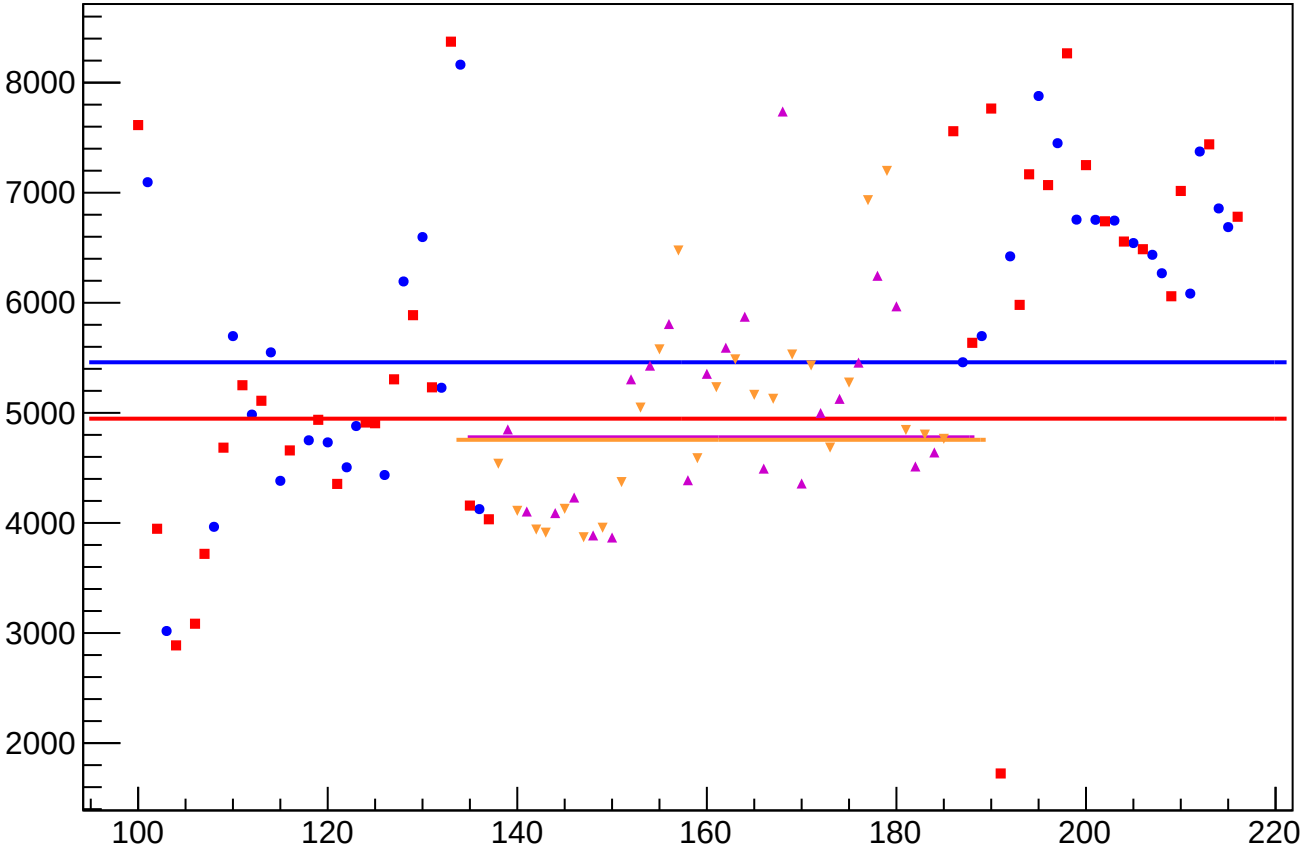
Left In: 158.683+/-1161.507 χ^2/NDF:15.5/22

+ sign 620.594+/-866.629 χ^2/NDF: 72.1/56

All: 608.252+/-607.637 χ^2/NDF: 111.6/114

- sign 596.318+/-852.208 χ^2/NDF: 39.6/57

asym_atr_dd_rms vs Slug



Right In: 5459.586+/-0.959 χ^2/NDF: 2122227.7/31

Left Out: 4755.383+/-0.797 χ^2/NDF:953328.0/24

Right Out: 4947.315+/-0.884 χ^2/NDF: 3905905.6/34

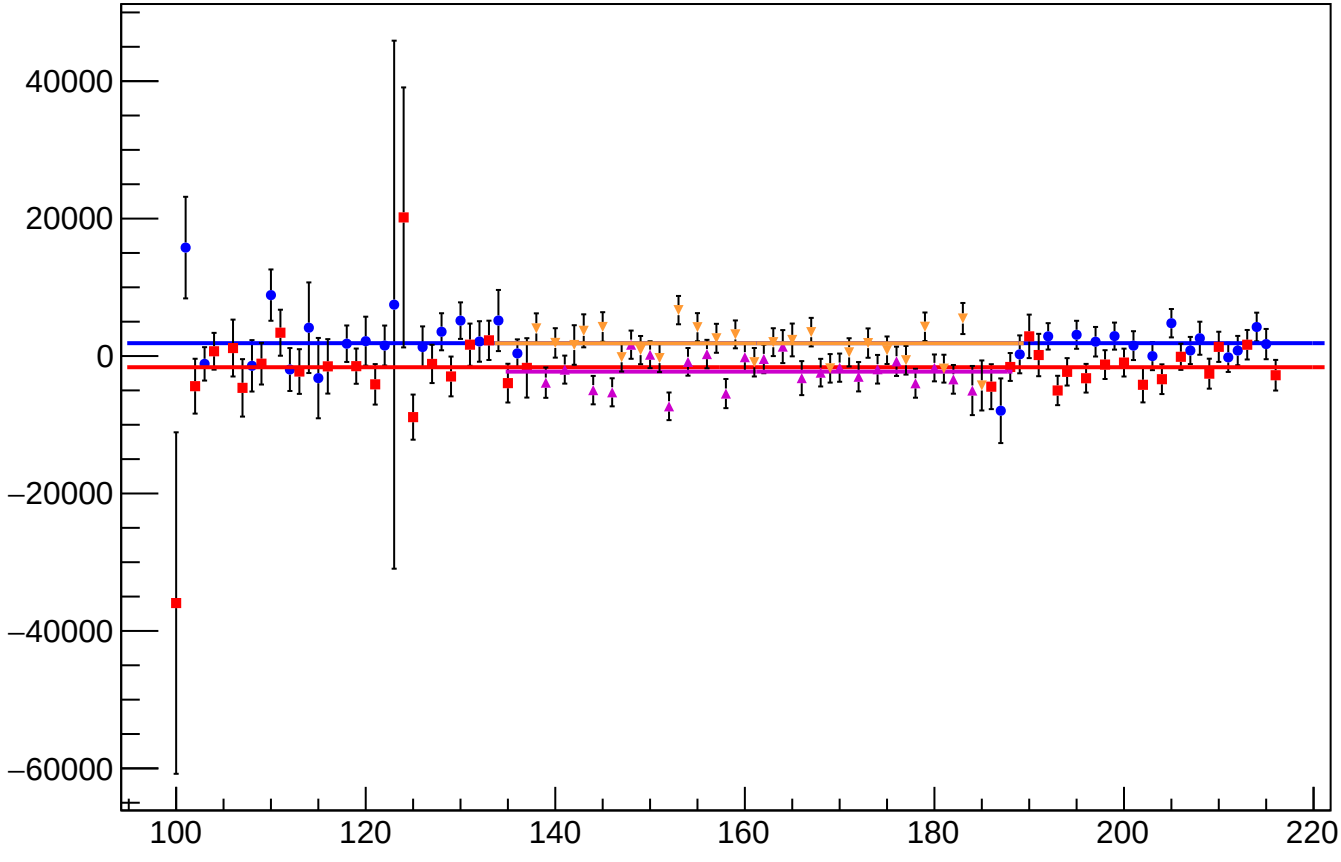
Left In: 4777.831+/-0.821 χ^2/NDF:950291.2/22

+ sign 5042.931+/-0.613 χ^2/NDF: 3394599.1/56

All: 4947.935+/-0.429 χ^2/NDF: 8317723.7/11

- sign 4856.336+/-0.602 χ^2/NDF: 4875921.6/57

reg_asym_at1_avg_mean vs Slug



Right In: 1872.729+/-456.976 χ^2/NDF: 26.1/31

Left Out: 1856.570+/-430.977 χ^2/NDF:30.0/24

Right Out: -1627.539+/-452.417 χ^2/NDF: 30.6/34

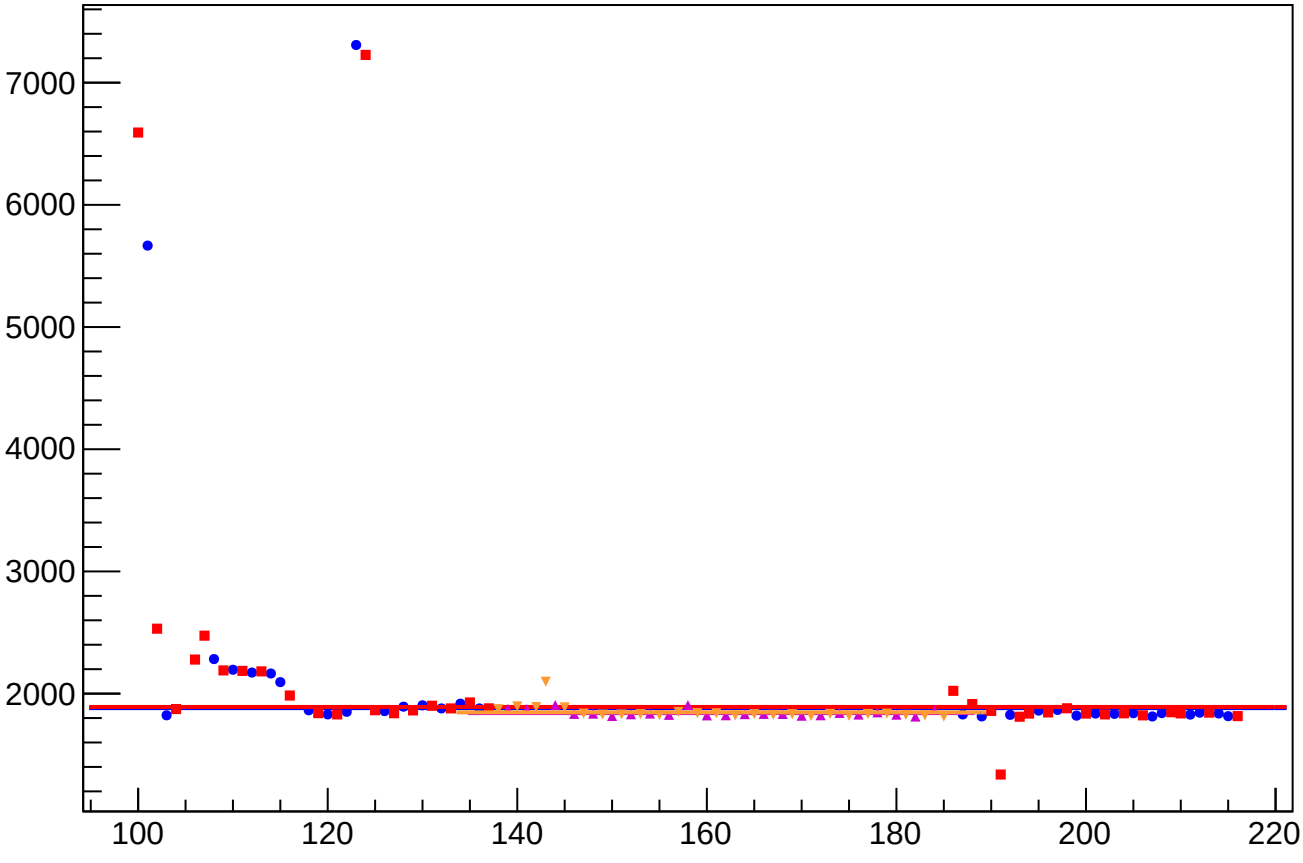
Left In: -2268.464+/-441.710 χ^2/NDF:26.9/22

+ sign 1864.177+/-313.535 χ^2/NDF: 56.1/56

All: -30.467+/-222.588 χ^2/NDF: 188.3/114

- sign -1955.675+/-316.054 χ^2/NDF: 58.5/57

reg_asym_at1_avg_rms vs Slug



Right In: 1881.407+/-0.323 χ^2/NDF: 643190.2/31

Left Out: 1846.602+/-0.305 χ^2/NDF:27302.8/24

Right Out: 1890.868+/-0.320 χ^2/NDF: 478886.1/34

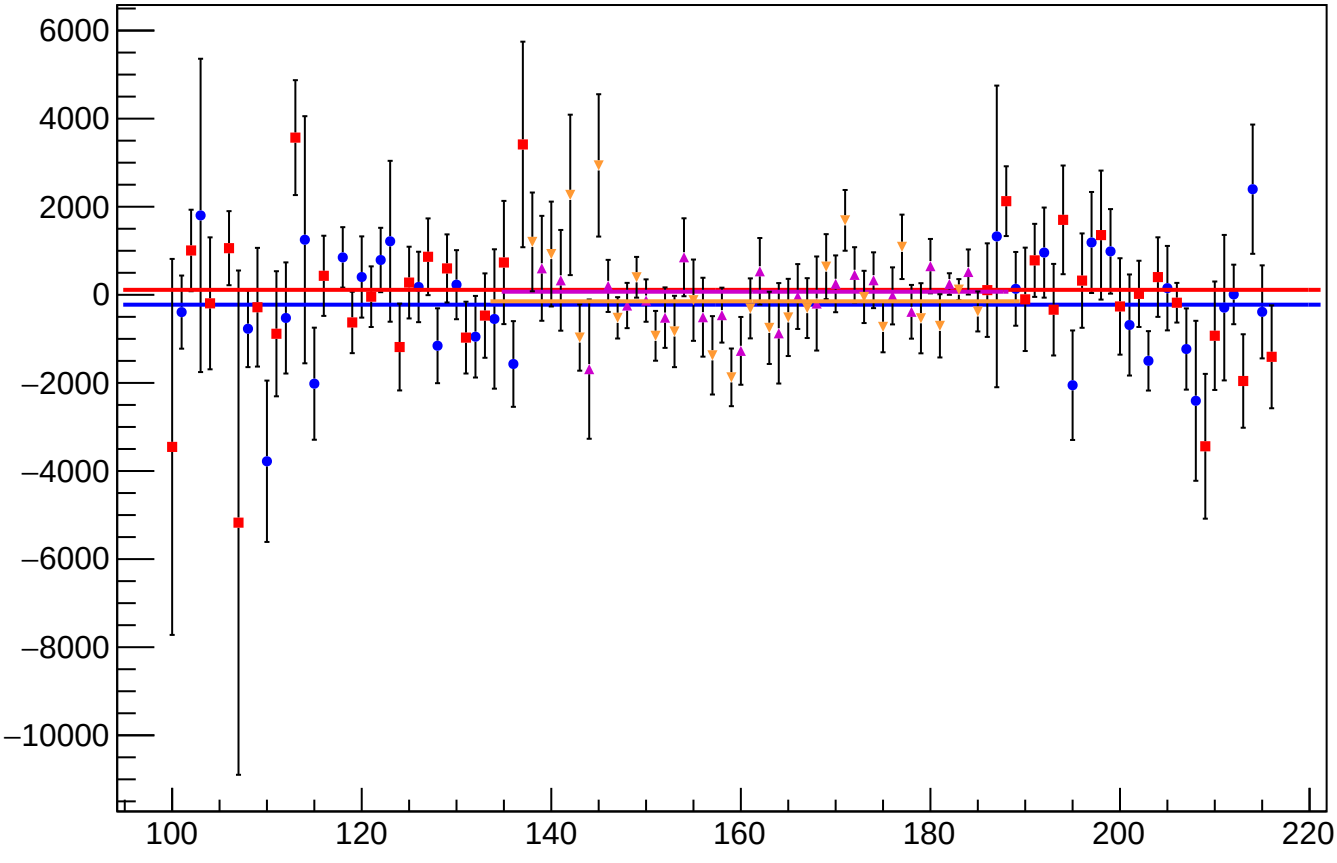
Left In: 1840.541+/-0.312 χ^2/NDF:6740.2/22

+ sign 1862.986+/-0.222 χ^2/NDF: 676633.2/56

All: 1864.036+/-0.157 χ^2/NDF: 1174974.9/11

- sign 1865.102+/-0.223 χ^2/NDF: 498296.5/57

asym_at1_avg_correction_mean vs Slug



Right In: -223.909+/-177.921 χ^2/NDF: 33.5/31

Left Out: -146.999+/-121.984 χ^2/NDF:37.7/24

Right Out: 113.093+/-162.354 χ^2/NDF: 41.2/34

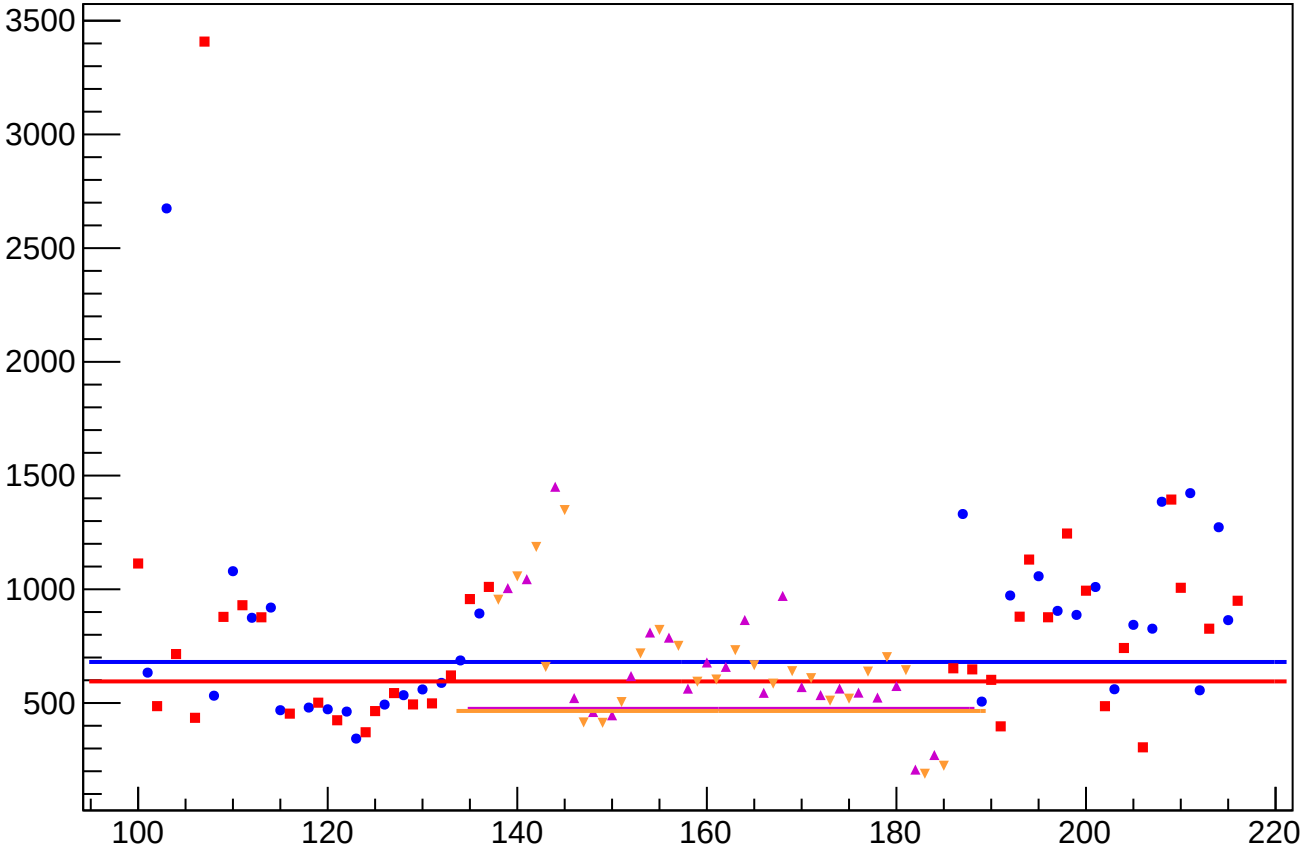
Left In: 70.340+/-126.373 χ^2/NDF:12.3/22

+ sign -171.591+/-100.609 χ^2/NDF: 71.3/56

All: -41.421+/-70.826 χ^2/NDF: 128.2/114

- sign 86.470+/-99.724 χ^2/NDF: 53.6/57

asym_at1_avg_correction_rms vs Slug



Right In: 680.422+/-0.126 χ^2/NDF: 3928515.1/31

Left Out: 465.080+/-0.086 χ^2/NDF:7086137.6/24

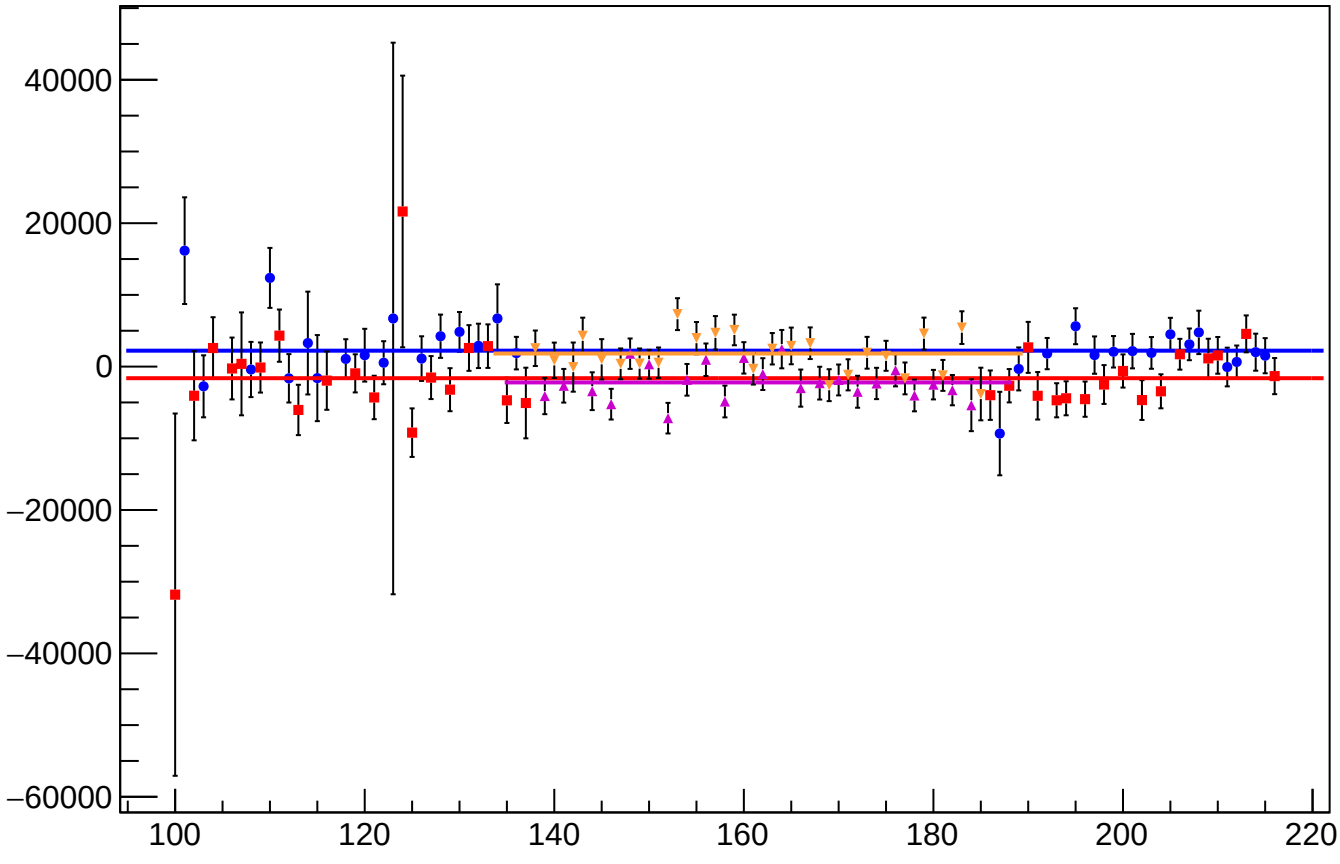
Right Out: 594.956+/-0.115 χ^2/NDF: 4903543.0/34

Left In: 474.263+/-0.089 χ^2/NDF:6173100.1/22

+ sign 533.937+/-0.071 χ^2/NDF: 13007610.7/56

All: 526.805+/-0.050 χ^2/NDF: 24792451.0/11

- sign 519.799+/-0.071 χ^2/NDF: 11764918.2/57



Right In: 2220.032+/-518.160 χ^2/NDF: 25.6/31

Left Out: 1824.066+/-462.694 χ^2/NDF:32.1/24

Right Out: -1617.994+/-515.311 χ^2/NDF: 40.2/34

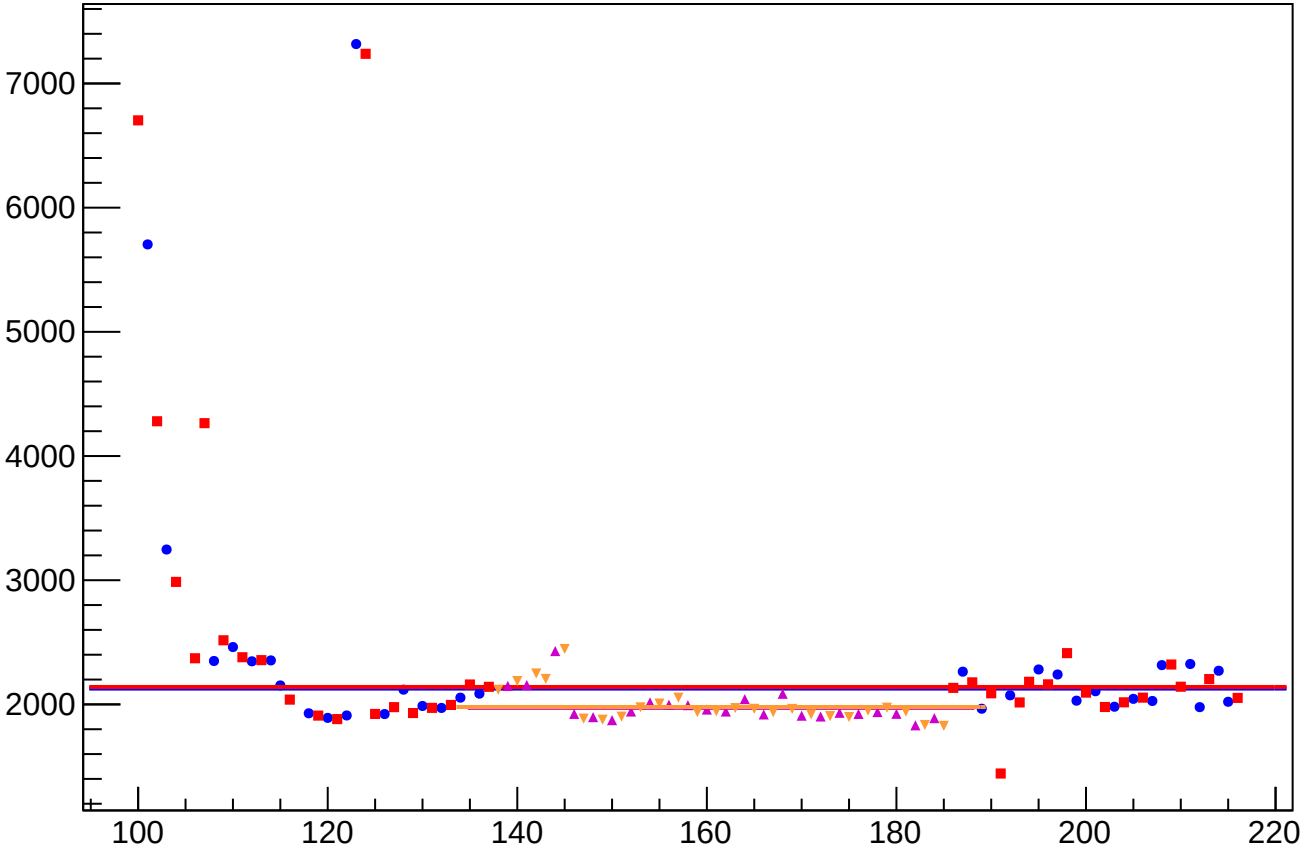
Left In: -2208.114+/-474.050 χ^2/NDF:25.3/22

+ sign 1999.729+/-345.124 χ^2/NDF: 58.1/56

All: 52.364+/-245.357 χ^2/NDF: 188.7/114

- sign -1937.622+/-348.880 χ^2/NDF: 66.3/57

asym_at1_avg_rms vs Slug



Right In: 2127.368+/-0.366 χ^2/NDF: 787704.8/31

Left Out: 1978.997+/-0.327 χ^2/NDF:139299.8/24

Right Out: 2140.318+/-0.364 χ^2/NDF: 954176.5/34

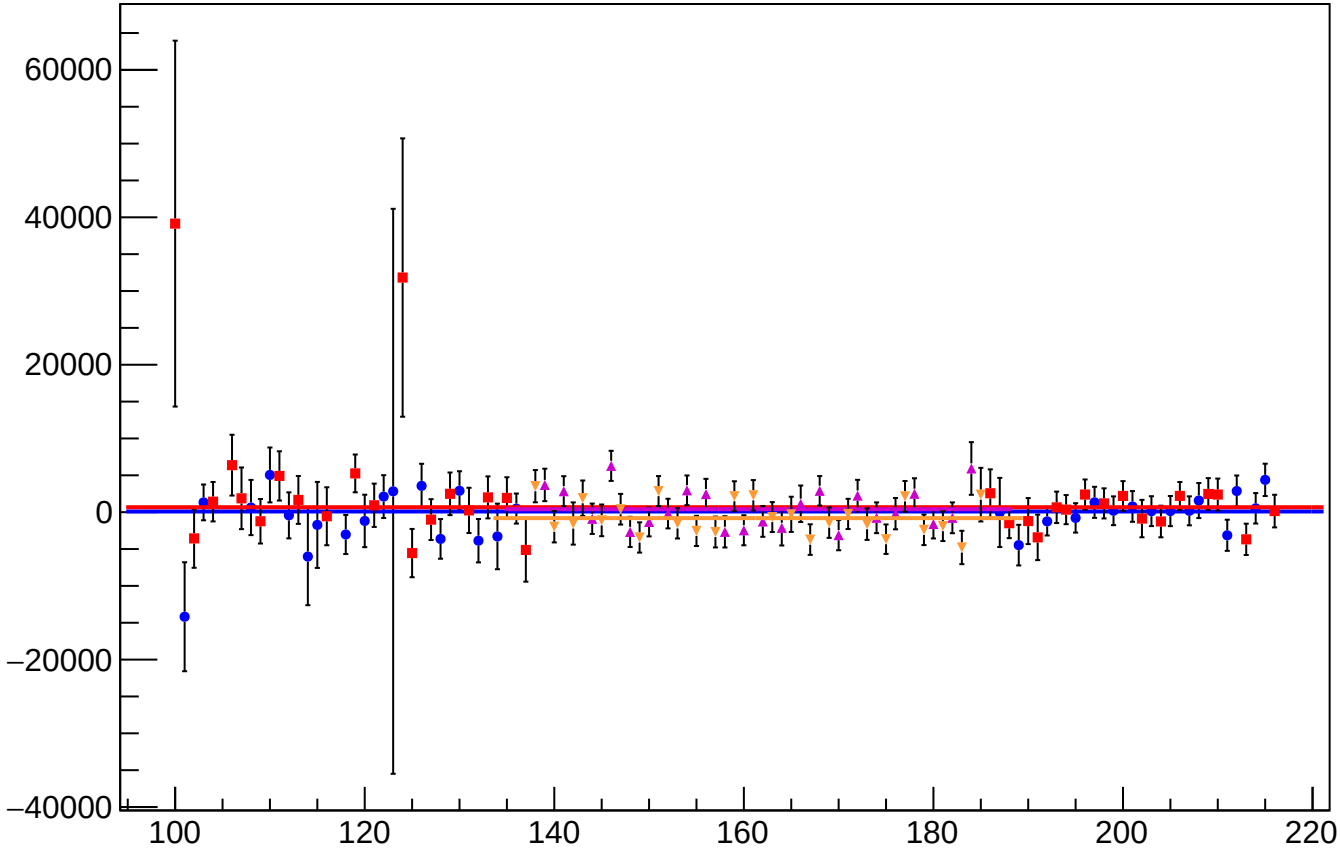
Left In: 1972.166+/-0.335 χ^2/NDF:116452.5/22

+ sign 2044.819+/-0.244 χ^2/NDF: 1018239.7/56

All: 2047.007+/-0.173 χ^2/NDF: 2204376.6/11

- sign 2049.242+/-0.247 χ^2/NDF: 1185974.5/57

reg_asym_at1_dd_mean vs Slug



Right In: 94.265+/-453.778 χ^2/NDF: 27.8/31

Left Out: -808.436+/-430.304 χ^2/NDF:27.9/24

Right Out: 672.261+/-448.980 χ^2/NDF: 32.8/34

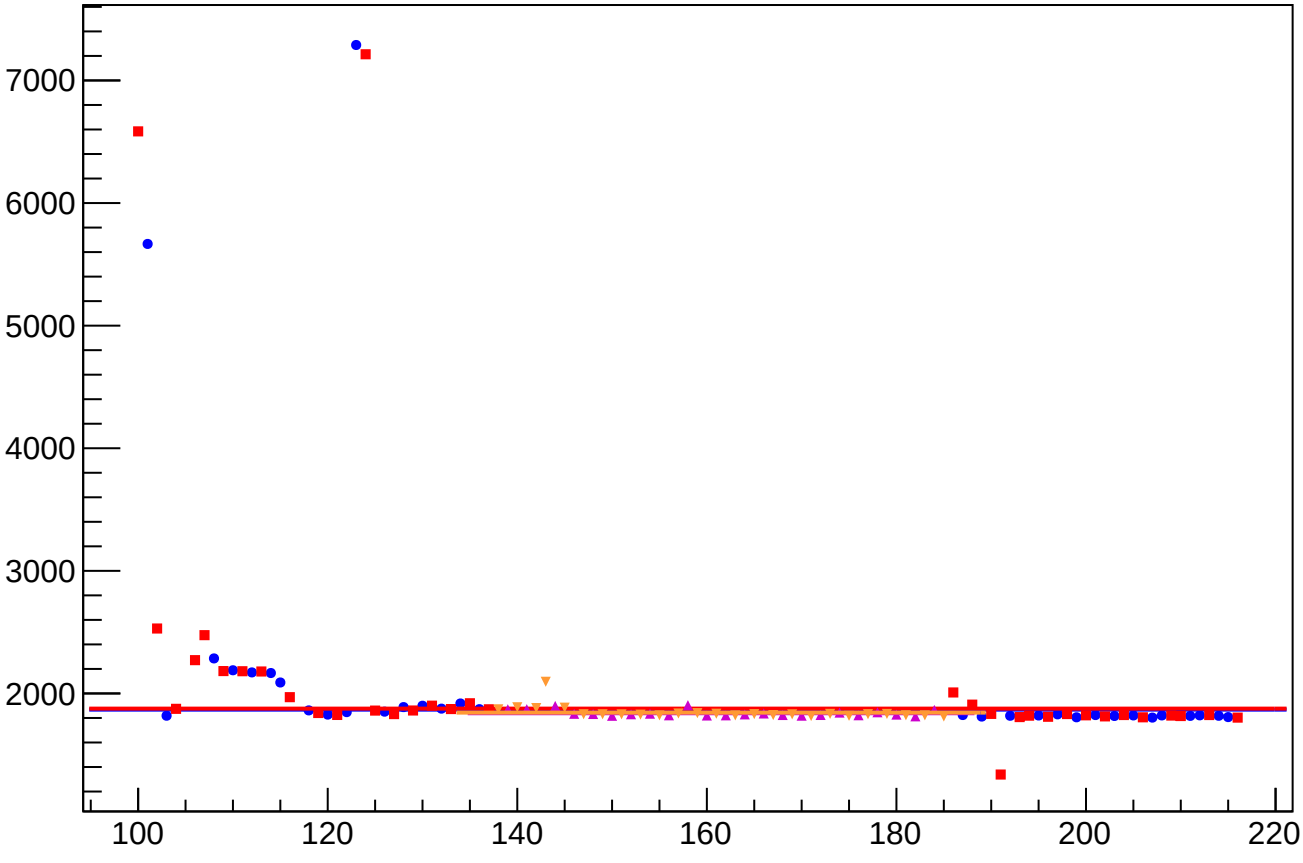
Left In: 398.797+/-441.246 χ^2/NDF:34.4/22

+ sign -381.037+/-312.239 χ^2/NDF: 57.8/56

All: 72.461+/-221.654 χ^2/NDF: 129.4/114

- sign 533.154+/-314.707 χ^2/NDF: 67.4/57

reg_asym_at1_dd_rms vs Slug



Right In: 1867.995+/-0.321 χ^2/NDF: 653135.2/31

Left Out: 1843.747+/-0.304 χ^2/NDF:26867.4/24

Right Out: 1876.302+/-0.317 χ^2/NDF: 487777.4/34

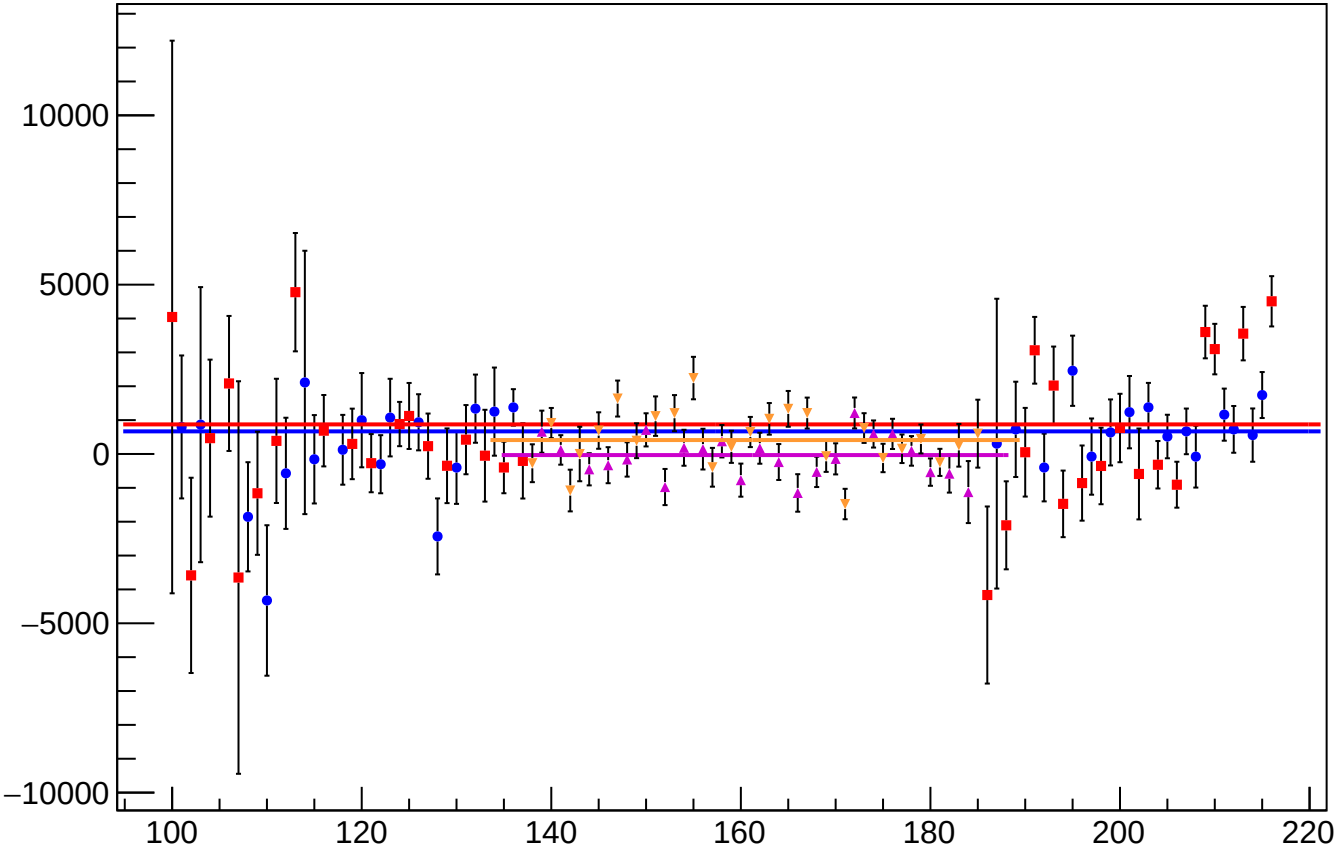
Left In: 1838.611+/-0.312 χ^2/NDF:6335.1/22

+ sign 1855.227+/-0.221 χ^2/NDF: 683009.5/56

All: 1856.171+/-0.157 χ^2/NDF: 1184328.7/11

- sign 1857.129+/-0.223 χ^2/NDF: 501282.4/57

asym_at1_dd_correction_mean vs Slug



Right In: 667.564+/-171.131 χ^2/NDF: 30.9/31

Left Out: 411.072+/-100.456 χ^2/NDF:61.2/24

Right Out: 873.617+/-175.688 χ^2/NDF: 110.5/34

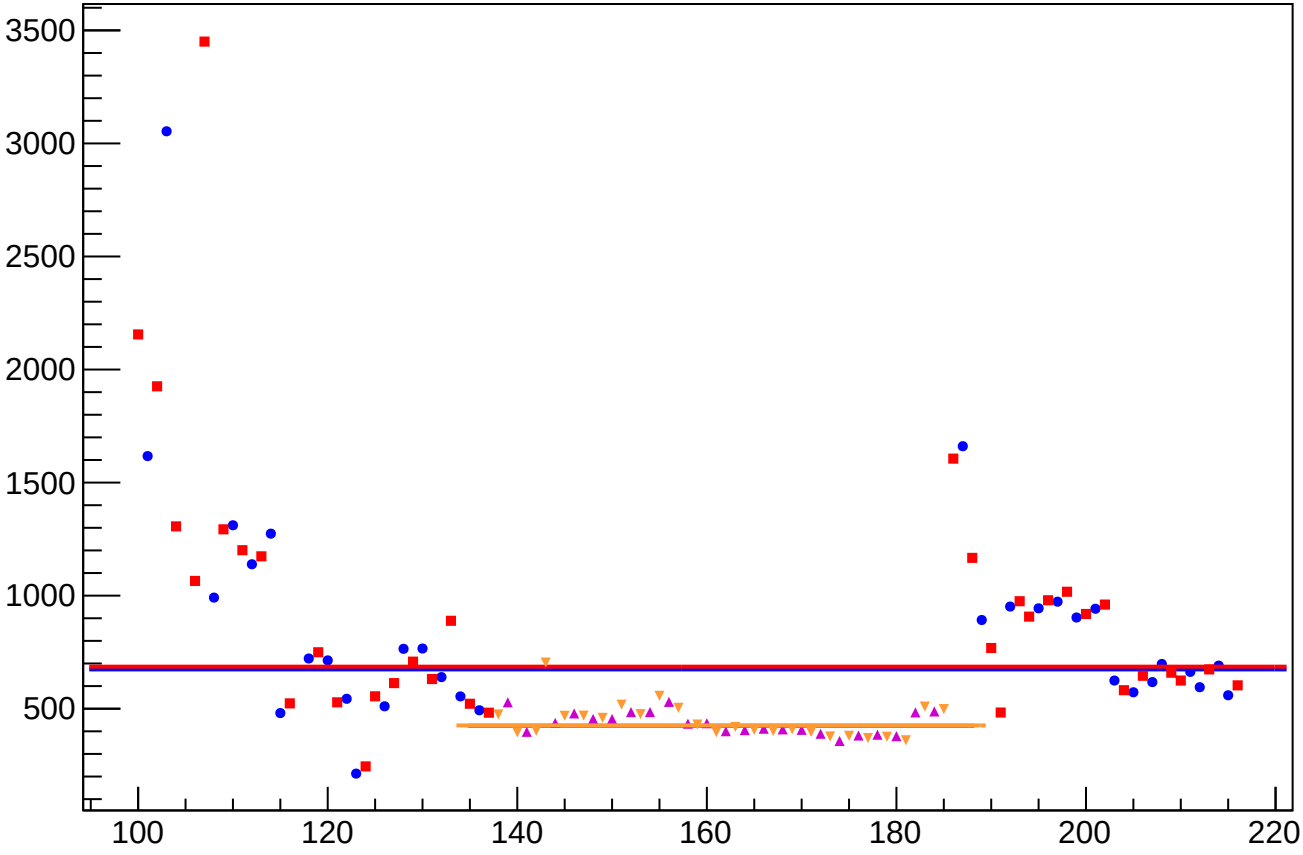
Left In: -32.456+/-102.403 χ^2/NDF:32.7/22

+ sign 476.804+/-86.633 χ^2/NDF: 93.8/56

All: 339.992+/-61.899 χ^2/NDF: 261.9/114

- sign 197.311+/-88.472 χ^2/NDF: 163.0/57

asym_at1_dd_correction_rms vs Slug



Right In: 673.796+/-0.121 χ^2/NDF: 3287805.0/31

Left Out: 426.027+/-0.071 χ^2/NDF:733072.9/24

Right Out: 685.940+/-0.124 χ^2/NDF: 4370196.1/34

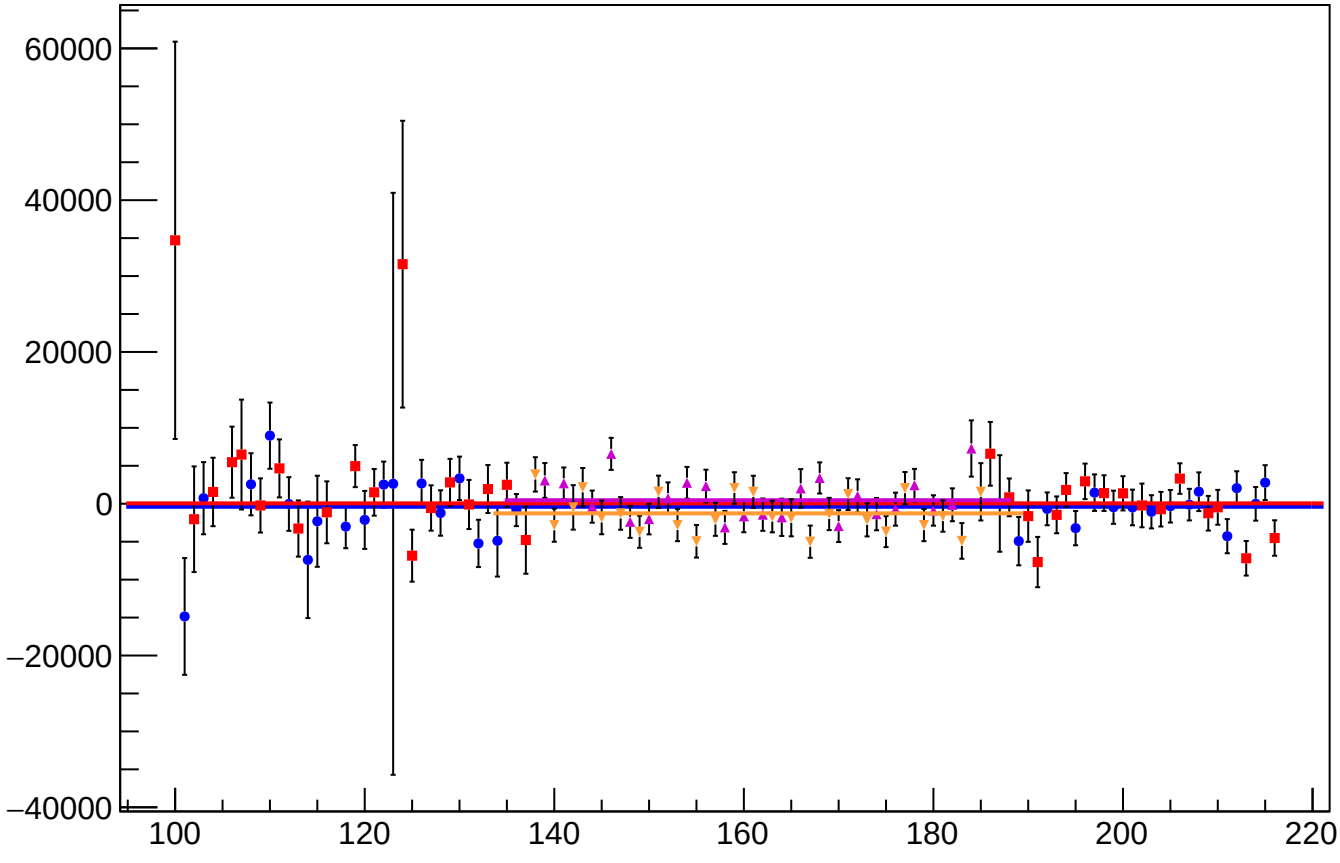
Left In: 424.639+/-0.072 χ^2/NDF:391611.2/22

+ sign 489.524+/-0.061 χ^2/NDF: 7138878.2/56

All: 490.198+/-0.044 χ^2/NDF: 15203184.1/11

- sign 490.901+/-0.063 χ^2/NDF: 8064058.7/57

asym_at1_dd_mean vs Slug



Right In: -397.949+/-499.431 χ^2/NDF: 28.8/31

Left Out: -1267.885+/-443.219 χ^2/NDF:30.8/24

Right Out: 49.779+/-502.019 χ^2/NDF: 48.2/34

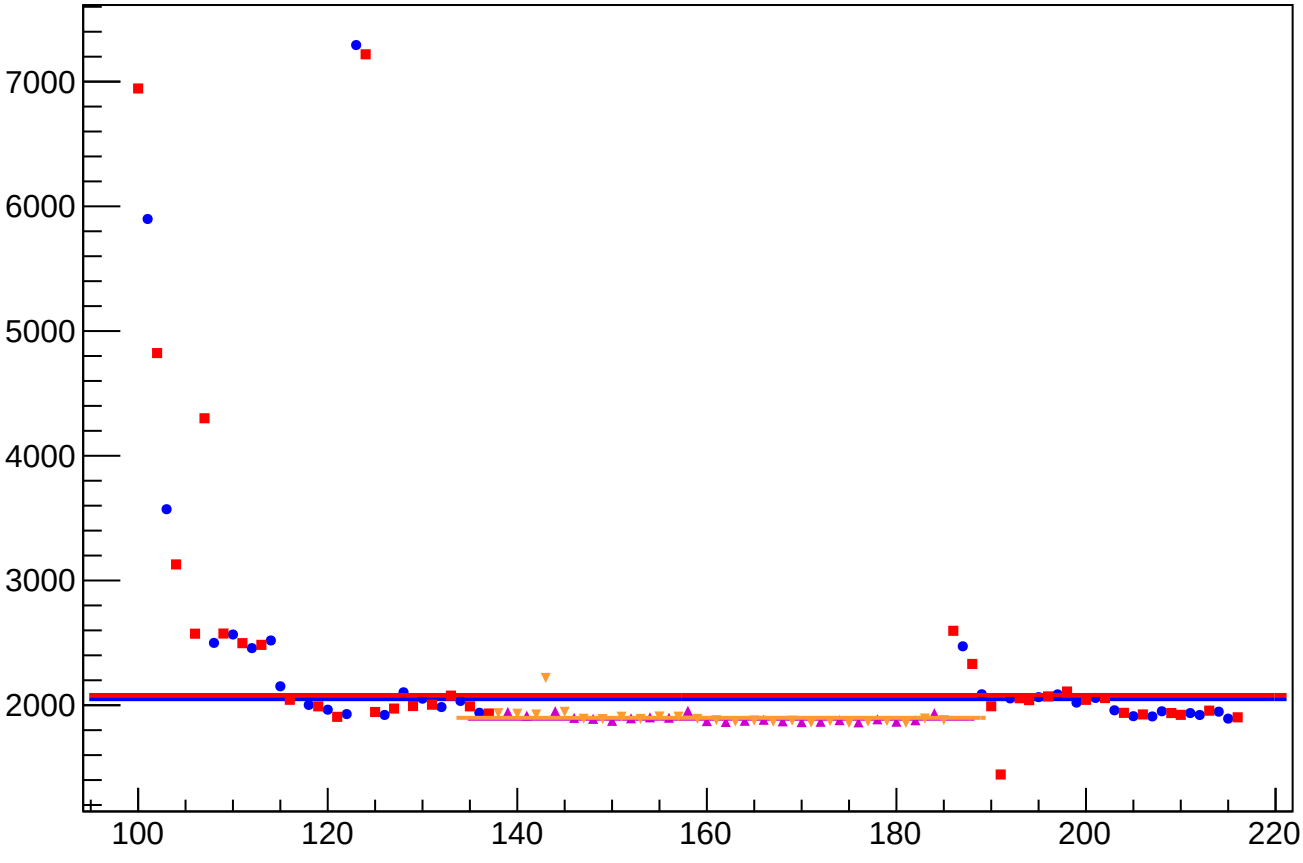
Left In: 462.599+/-453.947 χ^2/NDF:32.6/22

+ sign -884.609+/-331.503 χ^2/NDF: 61.3/56

All: -312.898+/-236.226 χ^2/NDF: 148.5/114

- sign 276.896+/-336.705 χ^2/NDF: 81.1/57

asym_at1_dd_rms vs Slug



Right In: 2048.481+/-0.353 χ^2/NDF: 903829.8/31

Left Out: 1898.962+/-0.313 χ^2/NDF:38680.4/24

Right Out: 2082.241+/-0.355 χ^2/NDF: 1134797.2/34

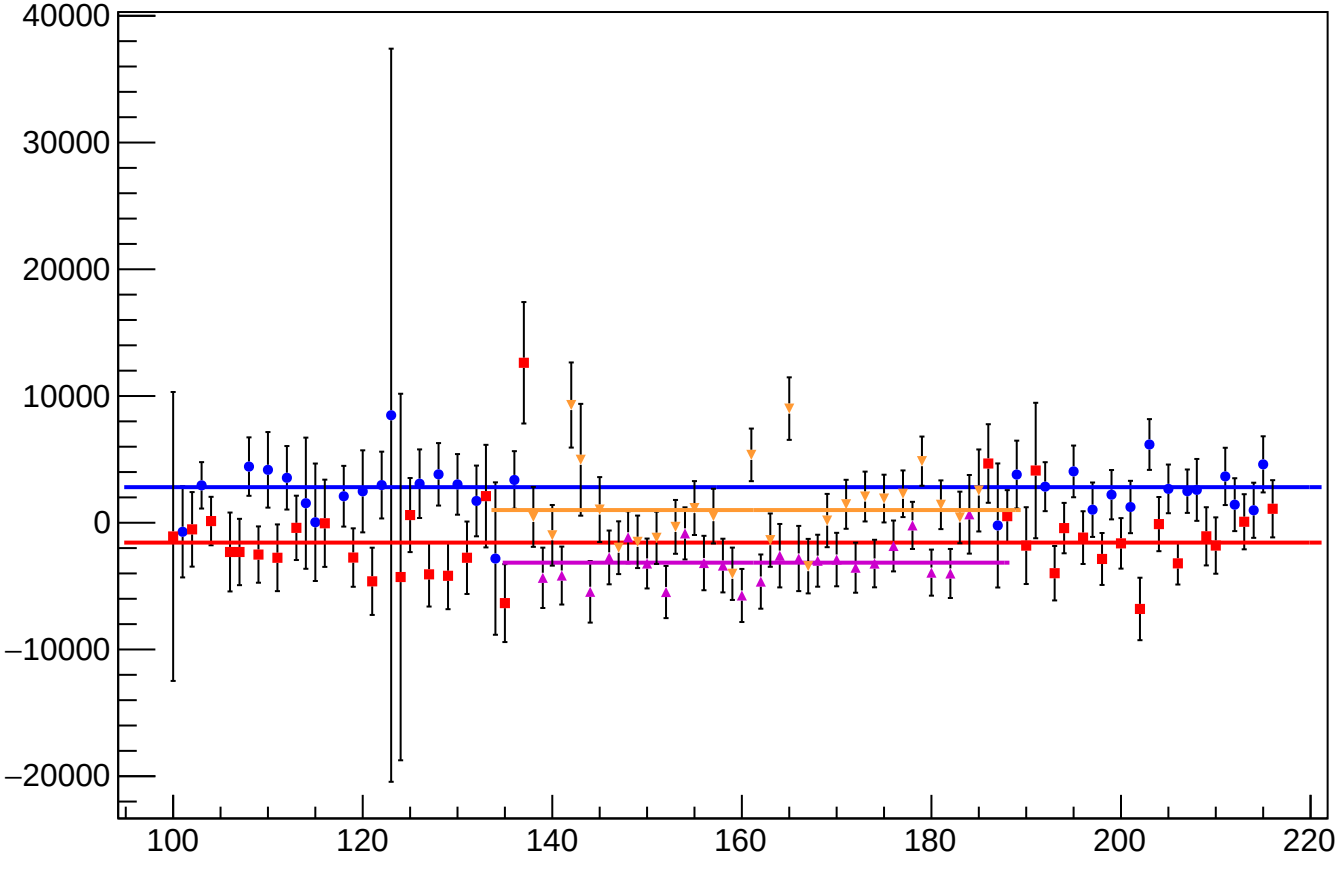
Left In: 1891.693+/-0.321 χ^2/NDF:7420.7/22

+ sign 1964.837+/-0.234 χ^2/NDF: 1042790.4/56

All: 1971.025+/-0.167 χ^2/NDF: 2344945.4/11

- sign 1977.409+/-0.238 χ^2/NDF: 1300739.1/57

reg_asym_at2_avg_mean vs Slug



Right In: 2807.948+/-429.012 χ^2/NDF: 10.7/31

Left Out: 1001.263+/-435.247 χ^2/NDF:44.6/24

Right Out: -1566.493+/-425.089 χ^2/NDF: 34.4/34

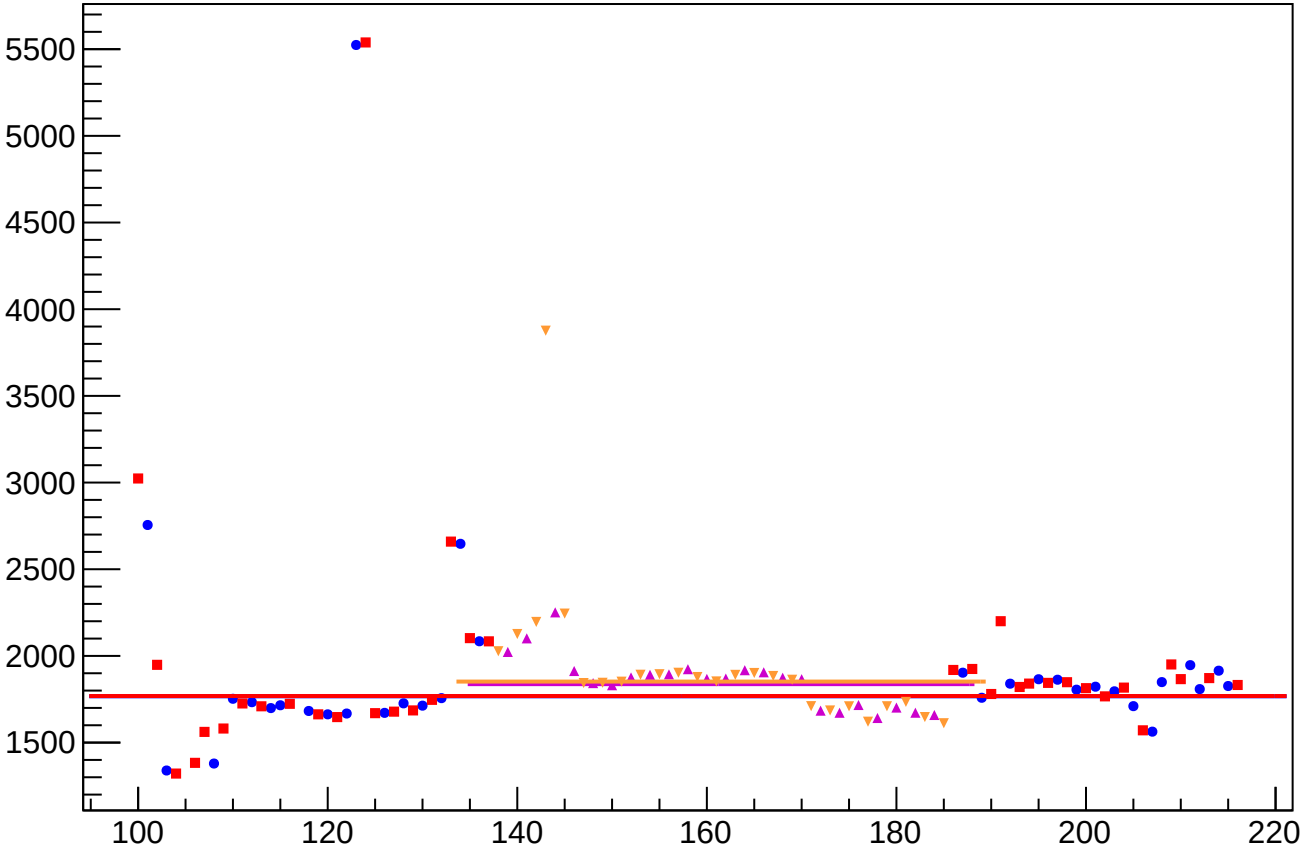
Left In: -3150.437+/-441.145 χ^2/NDF:11.8/22

+ sign 1917.638+/-305.538 χ^2/NDF: 64.0/56

All: -201.821+/-216.247 χ^2/NDF: 213.3/114

- sign -2329.116+/-306.102 χ^2/NDF: 52.9/57

reg_asym_at2_avg_rms vs Slug



Right In: 1767.036+/-0.303 χ^2/NDF: 516761.6/31

Left Out: 1851.959+/-0.308 χ^2/NDF:648954.2/24

Right Out: 1768.526+/-0.301 χ^2/NDF: 572564.7/34

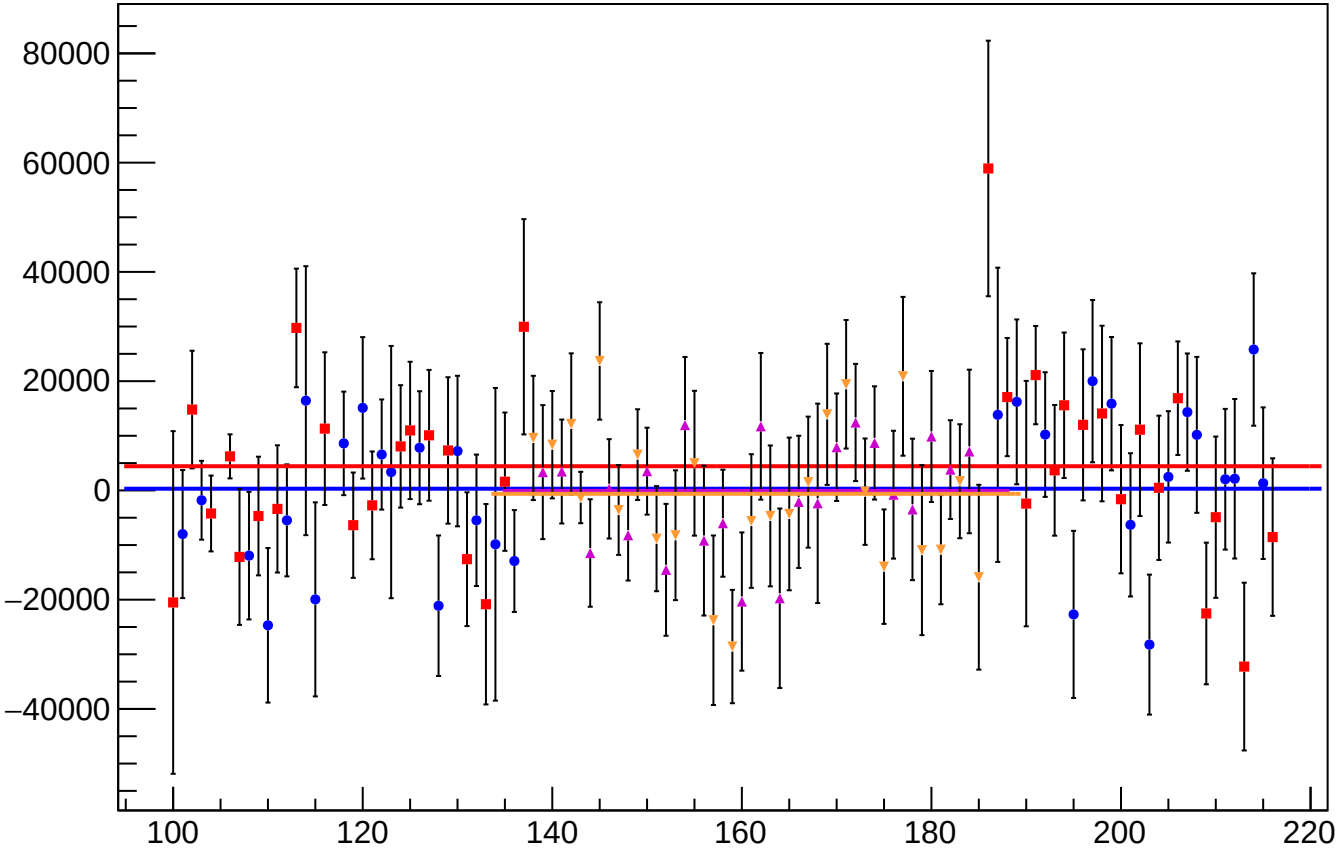
Left In: 1837.151+/-0.312 χ^2/NDF:200514.0/22

+ sign 1808.885+/-0.216 χ^2/NDF: 1204334.1/56

All: 1805.232+/-0.153 χ^2/NDF: 2003081.3/11

- sign 1801.567+/-0.216 χ^2/NDF: 798174.5/57

asym_at2_avg_correction_mean vs Slug



Right In: 311.329+/-2210.263 χ^2/NDF: 33.8/31

Left Out: -619.372+/-2069.686 χ^2/NDF:30.1/24

Right Out: 4427.368+/-1874.676 χ^2/NDF: 44.7/34

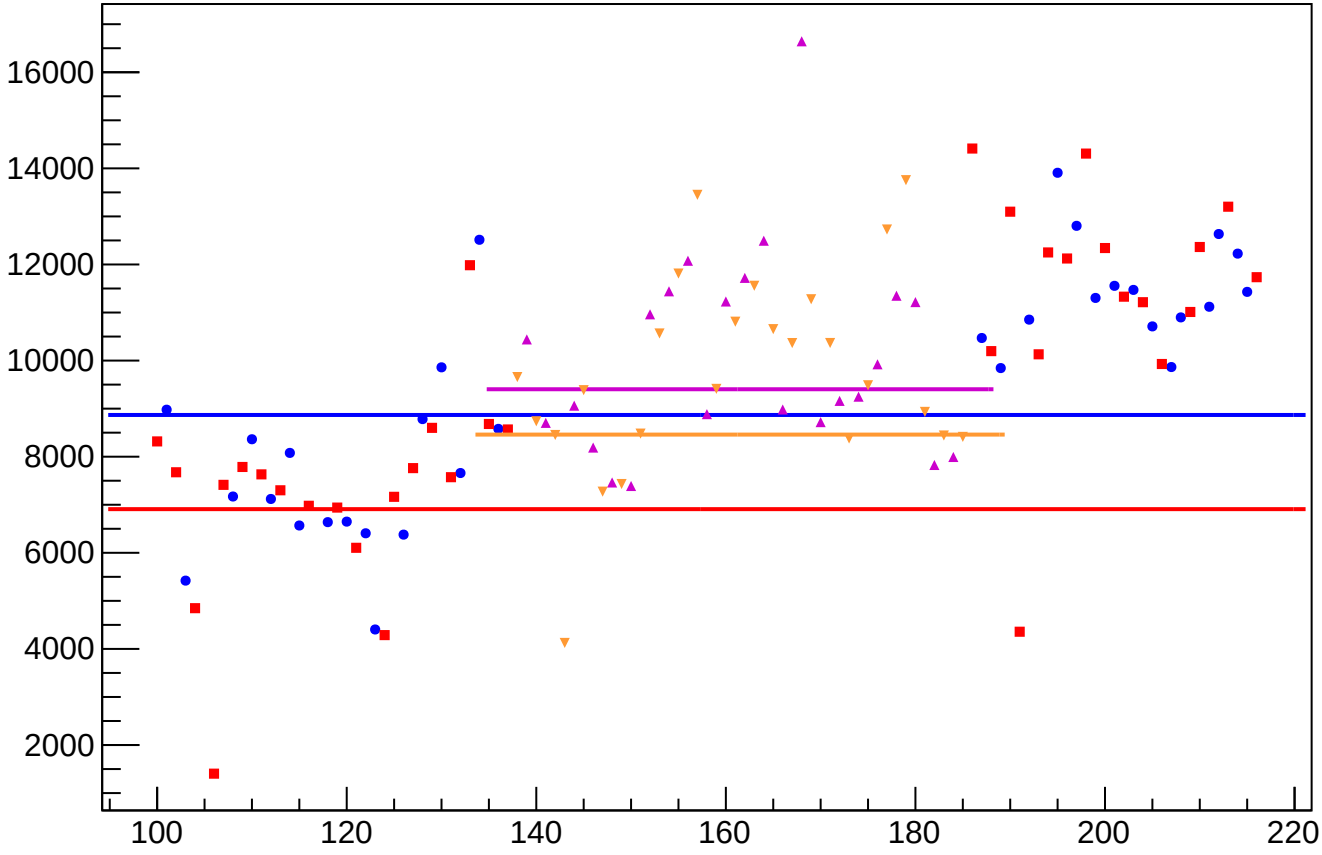
Left In: -93.334+/-2293.826 χ^2/NDF:14.6/22

+ sign -184.558+/-1510.743 χ^2/NDF: 64.1/56

All: 1272.179+/-1046.708 χ^2/NDF: 127.6/114

- sign 2617.031+/-1451.567 χ^2/NDF: 61.7/57

asym_at2_avg_correction_rms vs Slug



Right In: 8868.400+/-1.563 χ^2/NDF: 2302078.6/31

Left Out: 8459.960+/-1.463 χ^2/NDF:3087200.5/24

Right Out: 6908.636+/-1.326 χ^2/NDF: 8090733.1/34

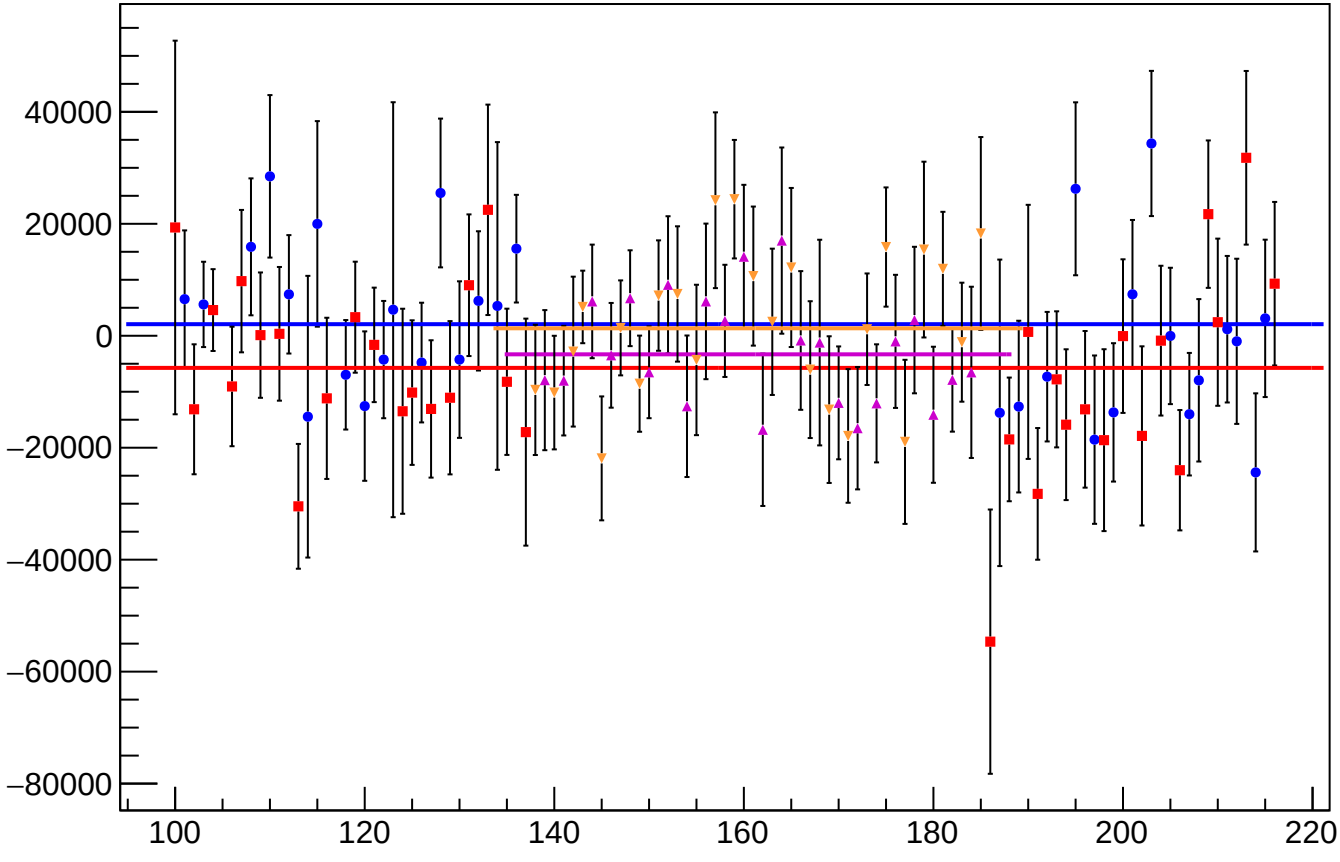
Left In: 9403.481+/-1.622 χ^2/NDF:1142646.9/22

+ sign 8650.779+/-1.068 χ^2/NDF: 5425668.2/56

All: 8264.406+/-0.740 χ^2/NDF: 16329097.3/1

- sign 7907.709+/-1.026 χ^2/NDF: 10651843.7/57

asym_at2_avg_mean vs Slug



Right In: 2068.296+/-2277.345 χ^2/NDF: 35.3/31

Left Out: 1332.828+/-2213.733 χ^2/NDF:28.0/24

Right Out: -5738.412+/-2177.984 χ^2/NDF: 42.1/34

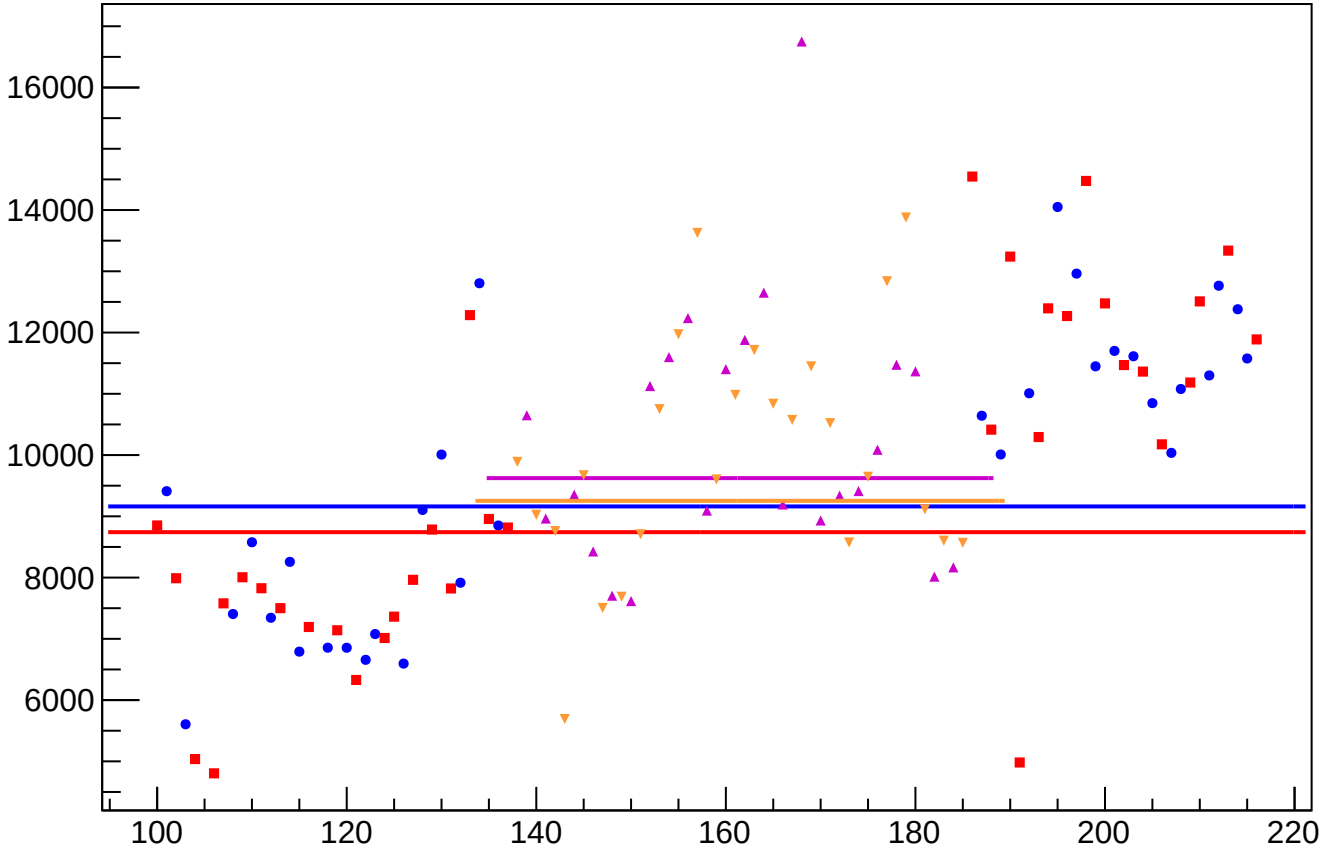
Left In: -3316.909+/-2344.543 χ^2/NDF:13.7/22

+ sign 1690.147+/-1587.358 χ^2/NDF: 63.4/56

All: -1446.750+/-1125.371 χ^2/NDF: 127.7/11

- sign -4616.721+/-1595.704 χ^2/NDF: 56.4/57

asym_at2_avg_rms vs Slug



Right In: 9161.393+/-1.610 χ^2/NDF: 2068761.1/31

Left Out: 9252.712+/-1.565 χ^2/NDF:1597668.9/24

Right Out: 8741.594+/-1.540 χ^2/NDF: 2963741.1/34

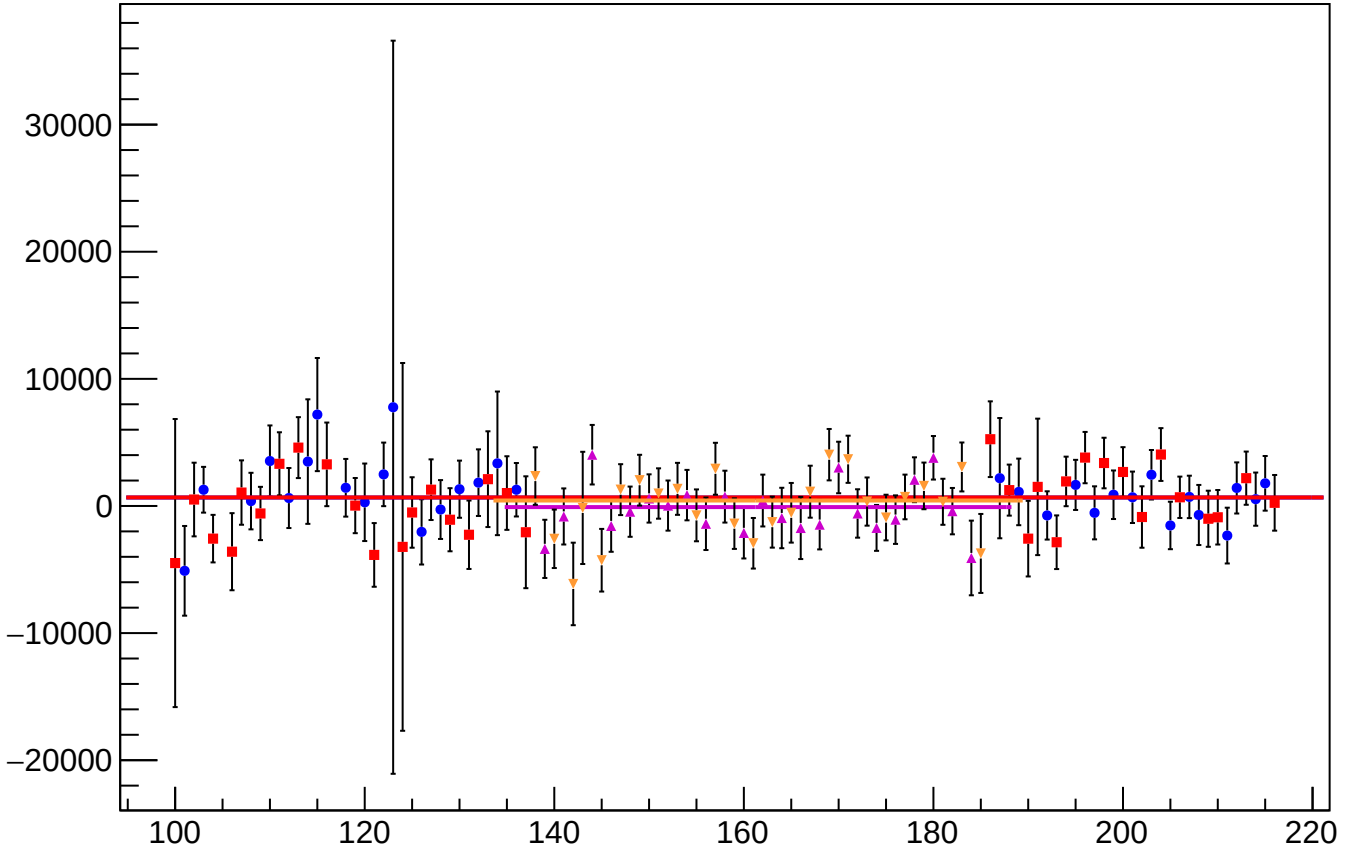
Left In: 9623.485+/-1.658 χ^2/NDF:1069924.0/22

+ sign 9208.345+/-1.122 χ^2/NDF: 3668083.5/56

All: 9179.356+/-0.796 χ^2/NDF: 7854996.6/11

- sign 9150.063+/-1.128 χ^2/NDF: 4185572.0/57

reg_asym_at2_dd_mean vs Slug



Right In: 663.768+/-413.293 χ^2/NDF: 15.1/31

Left Out: 429.447+/-416.378 χ^2/NDF:28.7/24

Right Out: 671.463+/-409.743 χ^2/NDF: 32.8/34

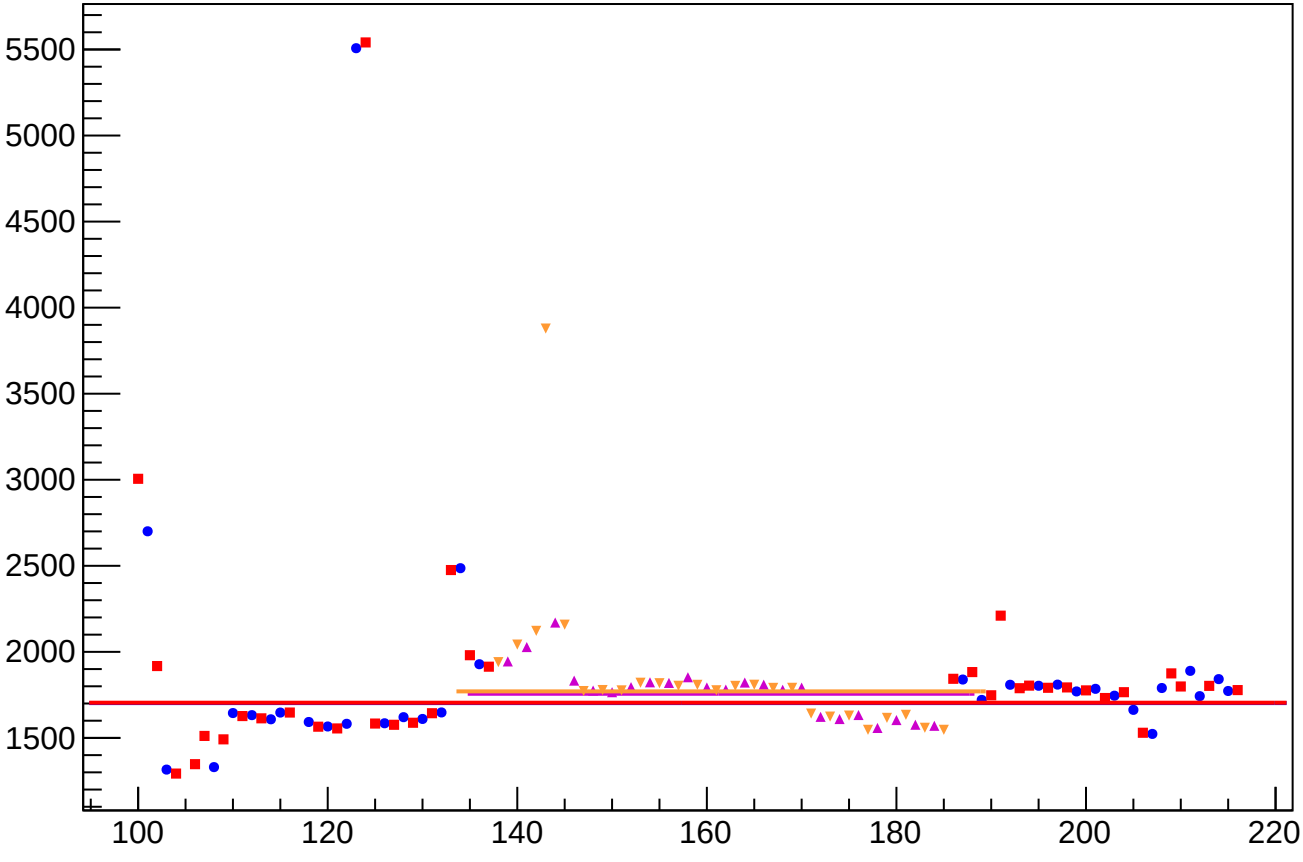
Left In: -88.373+/-421.957 χ^2/NDF:21.0/22

+ sign 547.479+/-293.327 χ^2/NDF: 43.9/56

All: 425.352+/-207.635 χ^2/NDF: 99.7/114

- sign 302.701+/-293.955 χ^2/NDF: 55.4/57

reg_asym_at2_dd_rms vs Slug



Right In: 1702.383+/-0.292 χ^2/NDF: 510827.0/31

Left Out: 1770.384+/-0.294 χ^2/NDF:699536.9/24

Right Out: 1704.568+/-0.290 χ^2/NDF: 581486.6/34

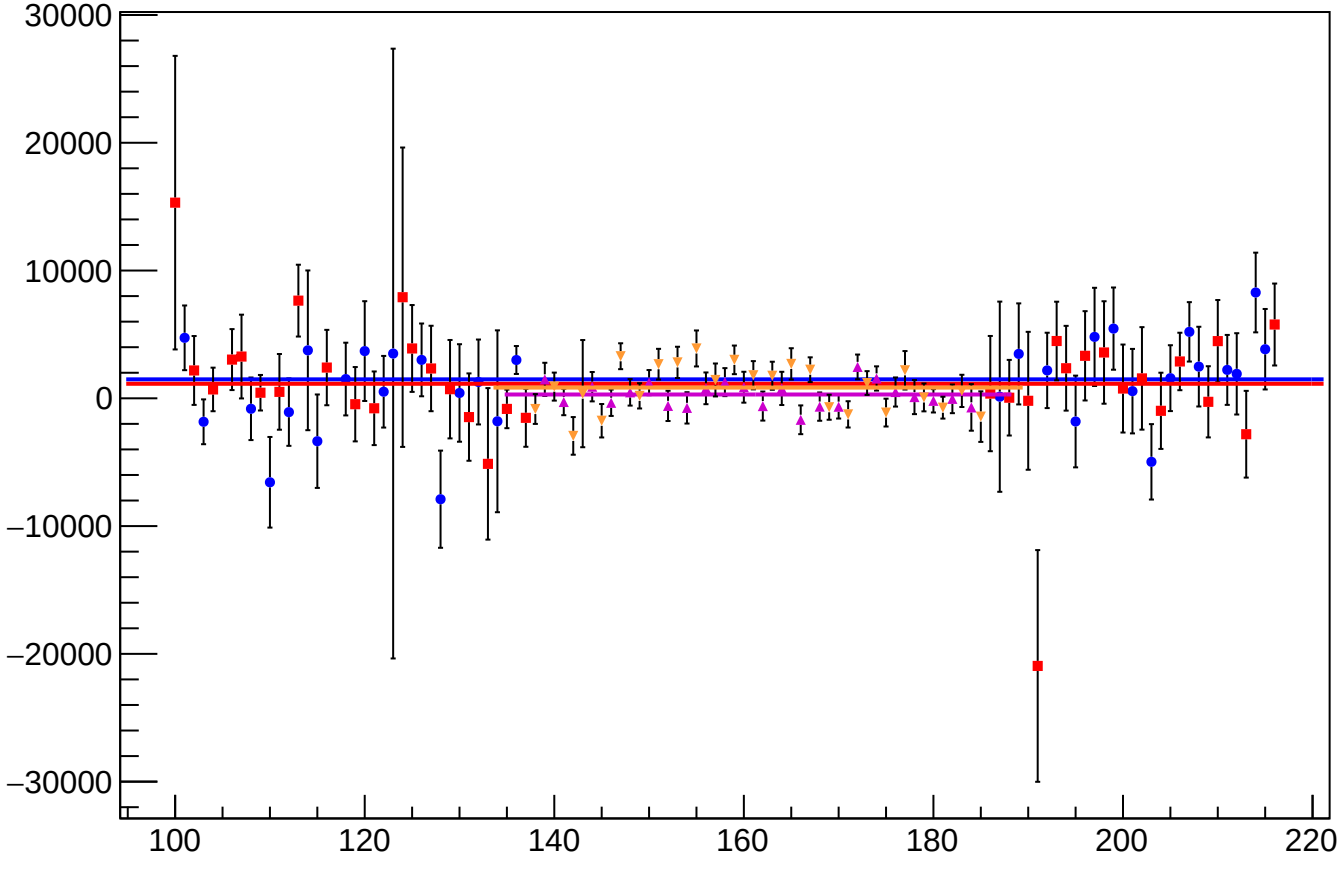
Left In: 1756.623+/-0.298 χ^2/NDF:223077.6/22

+ sign 1736.131+/-0.207 χ^2/NDF: 1237233.7/56

All: 1732.988+/-0.147 χ^2/NDF: 2057924.4/11

- sign 1729.831+/-0.208 χ^2/NDF: 820230.4/57

asym_at2_dd_correction_mean vs Slug



Right In: 1483.921+/-498.955 χ^2/NDF: 39.5/31

Left Out: 839.344+/-230.465 χ^2/NDF:54.4/24

Right Out: 1137.118+/-483.087 χ^2/NDF: 29.4/34

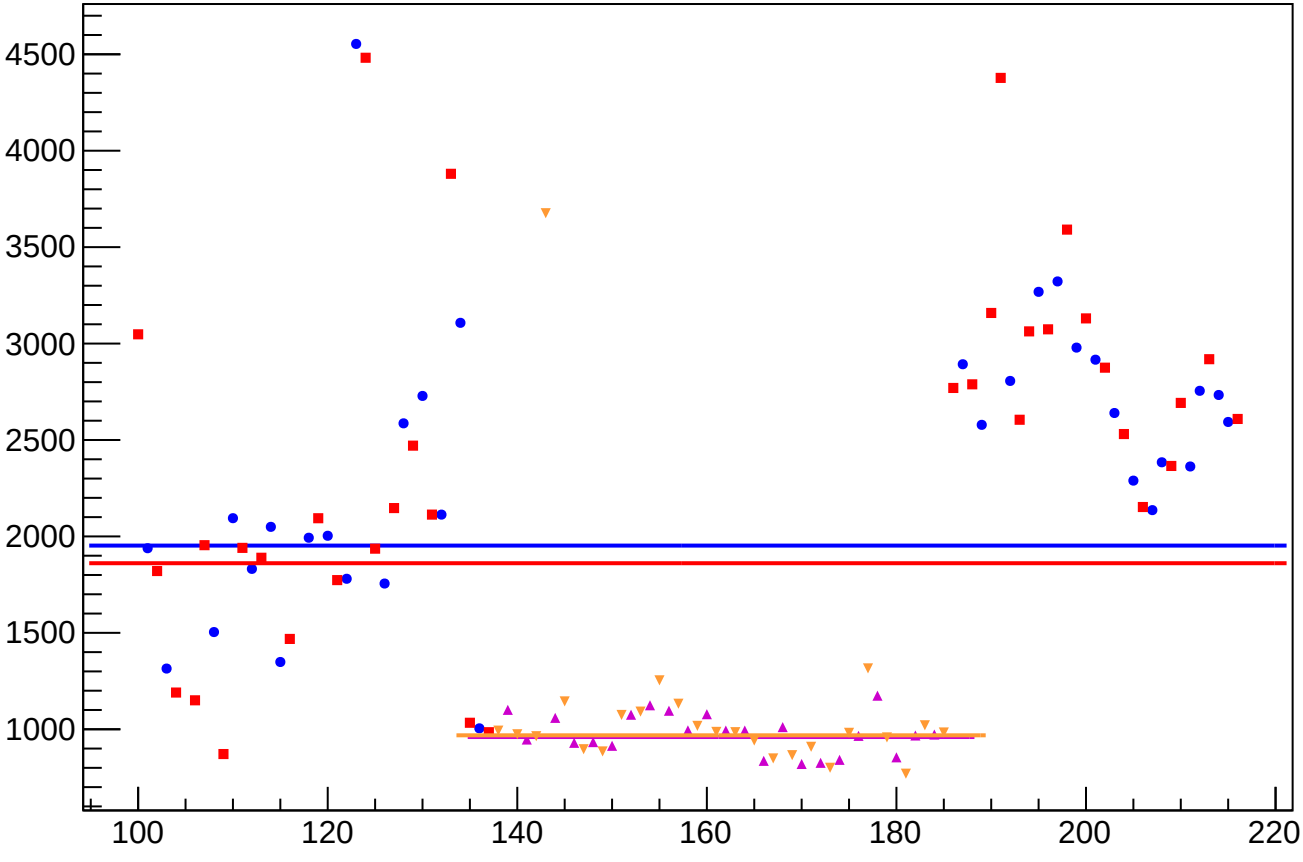
Left In: 298.801+/-231.400 χ^2/NDF:18.3/22

+ sign 952.682+/-209.225 χ^2/NDF: 95.3/56

All: 703.334+/-147.756 χ^2/NDF: 148.4/114

- sign 455.251+/-208.693 χ^2/NDF: 50.2/57

asym_at2_dd_correction_rms vs Slug



Right In: 1952.471+/-0.353 χ^2/NDF: 3853795.5/31

Left Out: 968.712+/-0.163 χ^2/NDF:1393696.6/24

Right Out: 1861.059+/-0.342 χ^2/NDF: 5460832.2/34

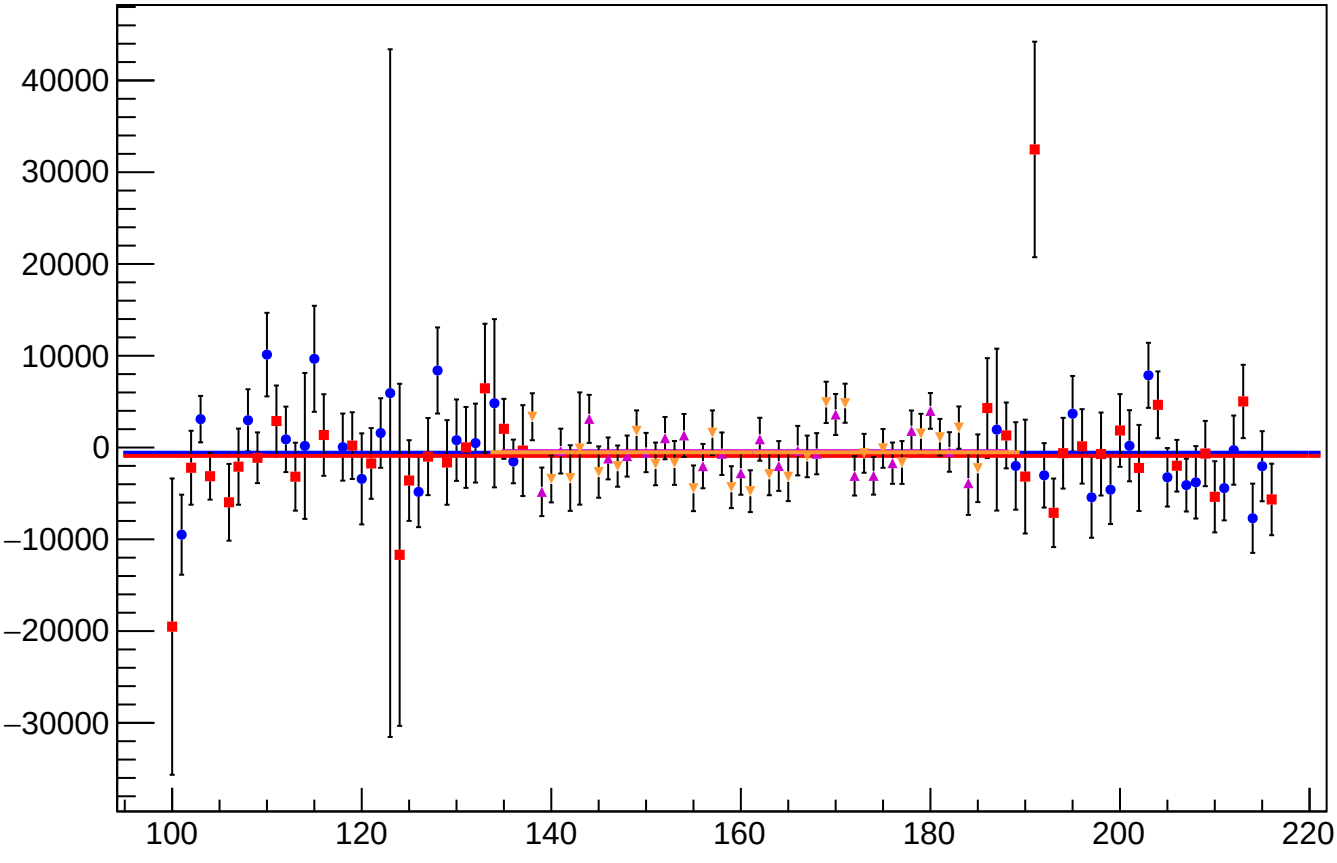
Left In: 959.805+/-0.164 χ^2/NDF:371210.5/22

+ sign 1141.690+/-0.148 χ^2/NDF: 11655151.1/56

All: 1134.827+/-0.104 χ^2/NDF: 23153425.4/1

- sign 1128.000+/-0.148 χ^2/NDF: 11493982.0/57

asym_at2_dd_mean vs Slug



Right In: -566.497+/-689.893 χ^2/NDF: 40.1/31

Left Out: -517.719+/-481.486 χ^2/NDF:34.0/24

Right Out: -906.517+/-683.327 χ^2/NDF: 28.6/34

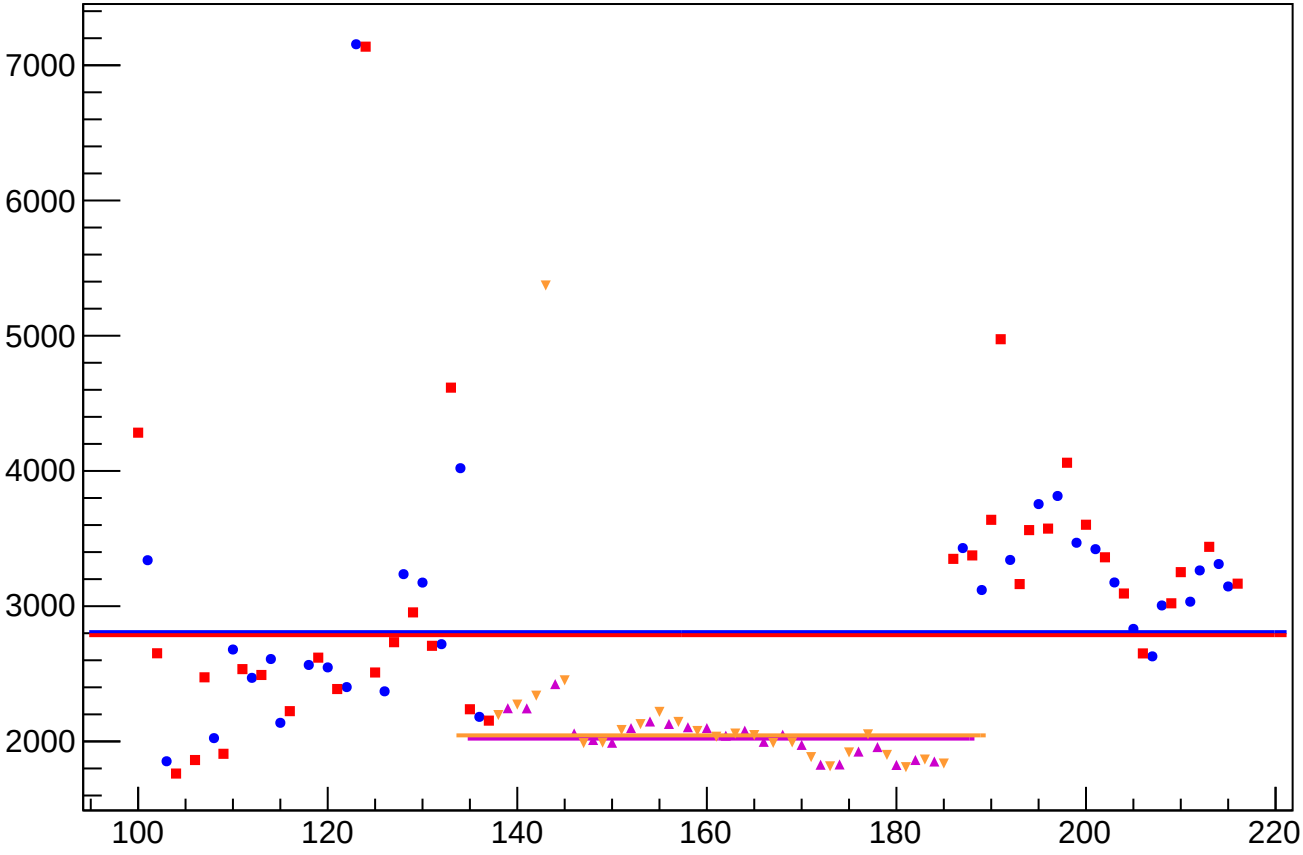
Left In: -397.398+/-485.048 χ^2/NDF:21.8/22

+ sign -533.696+/-394.835 χ^2/NDF: 74.1/56

All: -550.806+/-279.436 χ^2/NDF: 124.9/114

- sign -567.976+/-395.531 χ^2/NDF: 50.8/57

asym_at2_dd_rms vs Slug



Right In: 2808.005+/-0.488 χ^2/NDF: 1275472.5/31

Left Out: 2044.722+/-0.340 χ^2/NDF:788703.5/24

Right Out: 2785.710+/-0.483 χ^2/NDF: 1838373.4/34

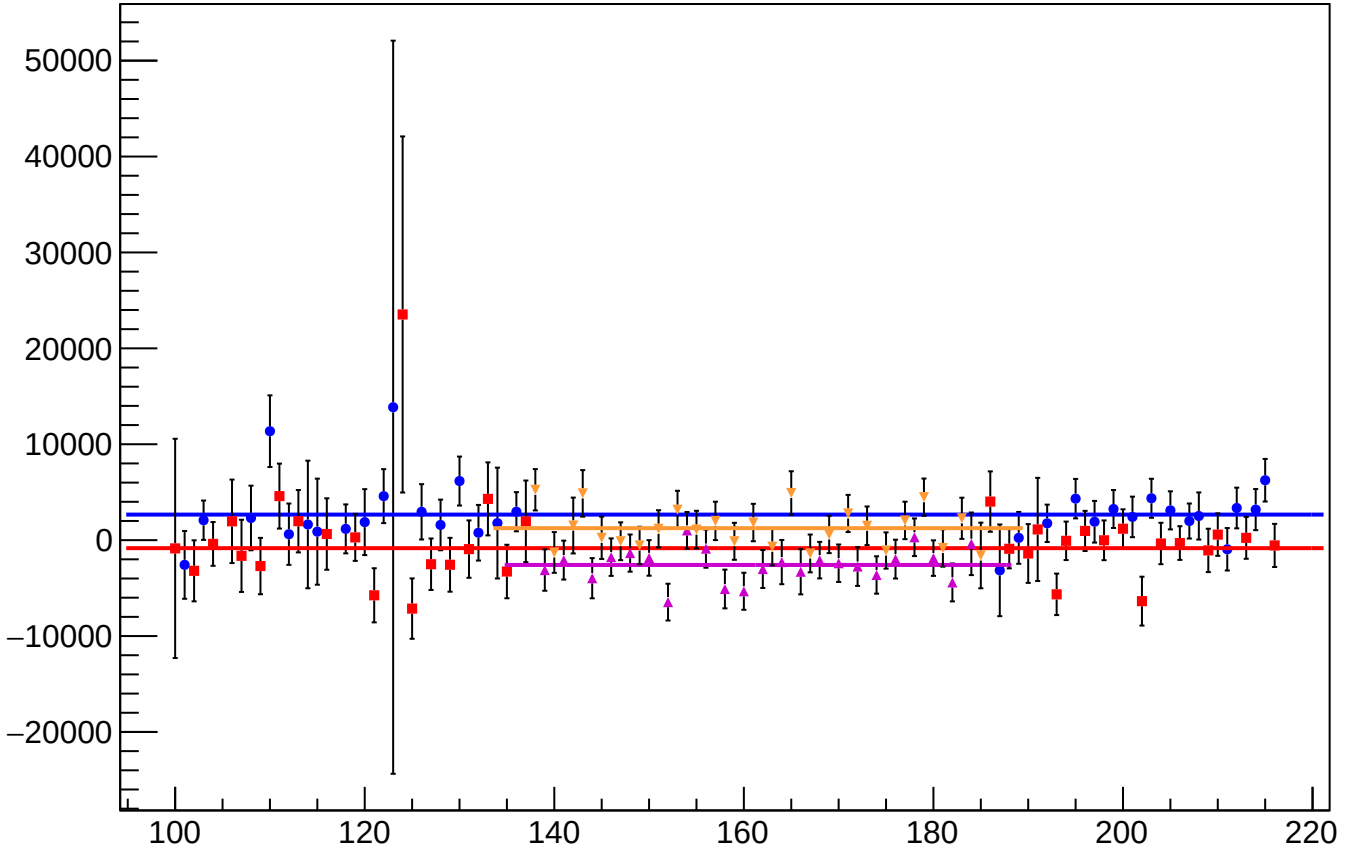
Left In: 2020.802+/-0.343 χ^2/NDF:173502.0/22

+ sign 2294.731+/-0.279 χ^2/NDF: 3710451.3/56

All: 2285.922+/-0.198 χ^2/NDF: 7390749.8/11

- sign 2277.082+/-0.280 χ^2/NDF: 3678304.0/57

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2664.687+/-448.142 χ^2/NDF: 21.4/31

Left Out: 1249.917+/-412.486 χ^2/NDF:23.0/24

Right Out: -835.562+/-448.688 χ^2/NDF: 32.8/34

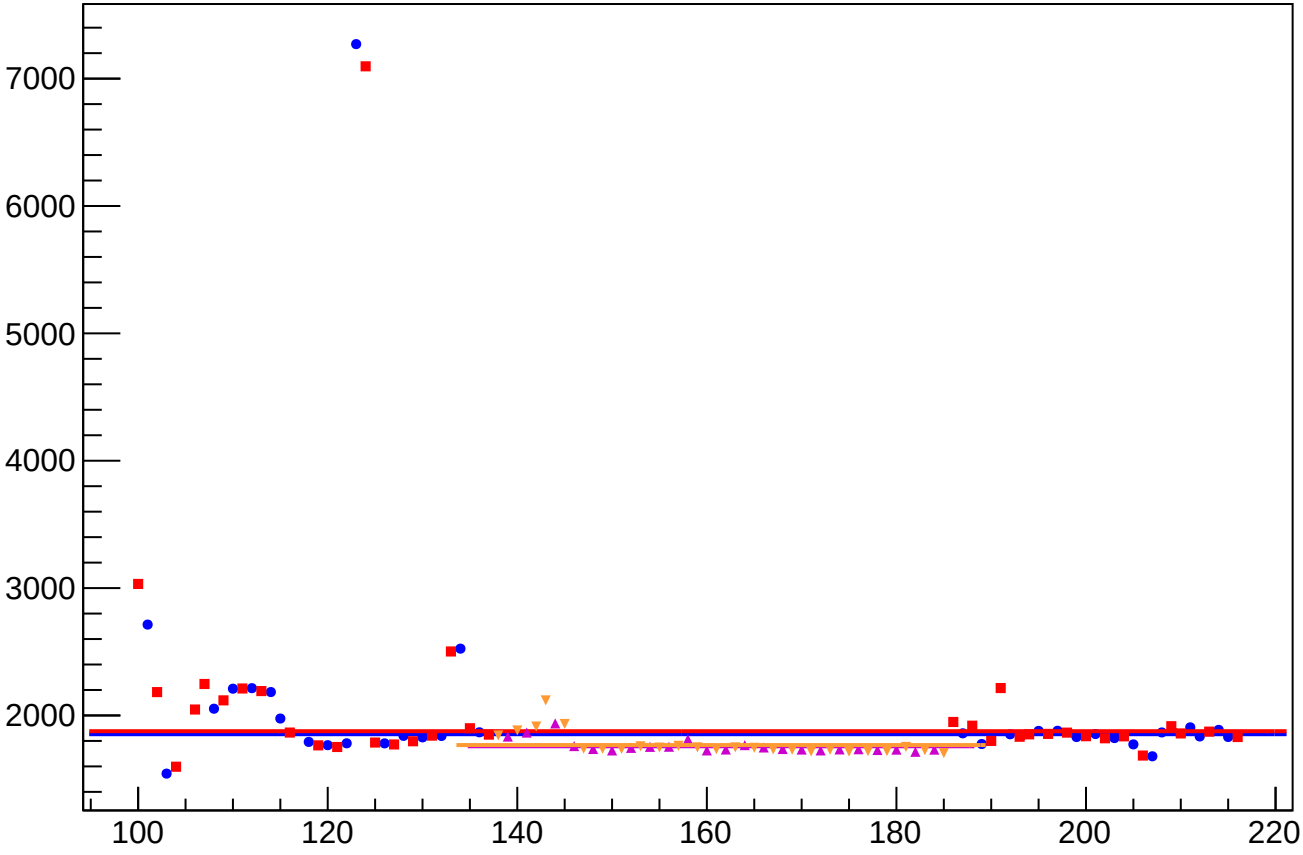
Left In: -2586.937+/-421.510 χ^2/NDF:17.5/22

+ sign 1898.788+/-303.495 χ^2/NDF: 49.8/56

All: 88.748+/-215.905 χ^2/NDF: 180.1/114

- sign -1765.895+/-307.212 χ^2/NDF: 58.3/57

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1852.849+/-0.317 χ^2/NDF: 319647.5/31

Left Out: 1767.517+/-0.292 χ^2/NDF:77674.7/24

Right Out: 1876.460+/-0.317 χ^2/NDF: 410648.9/34

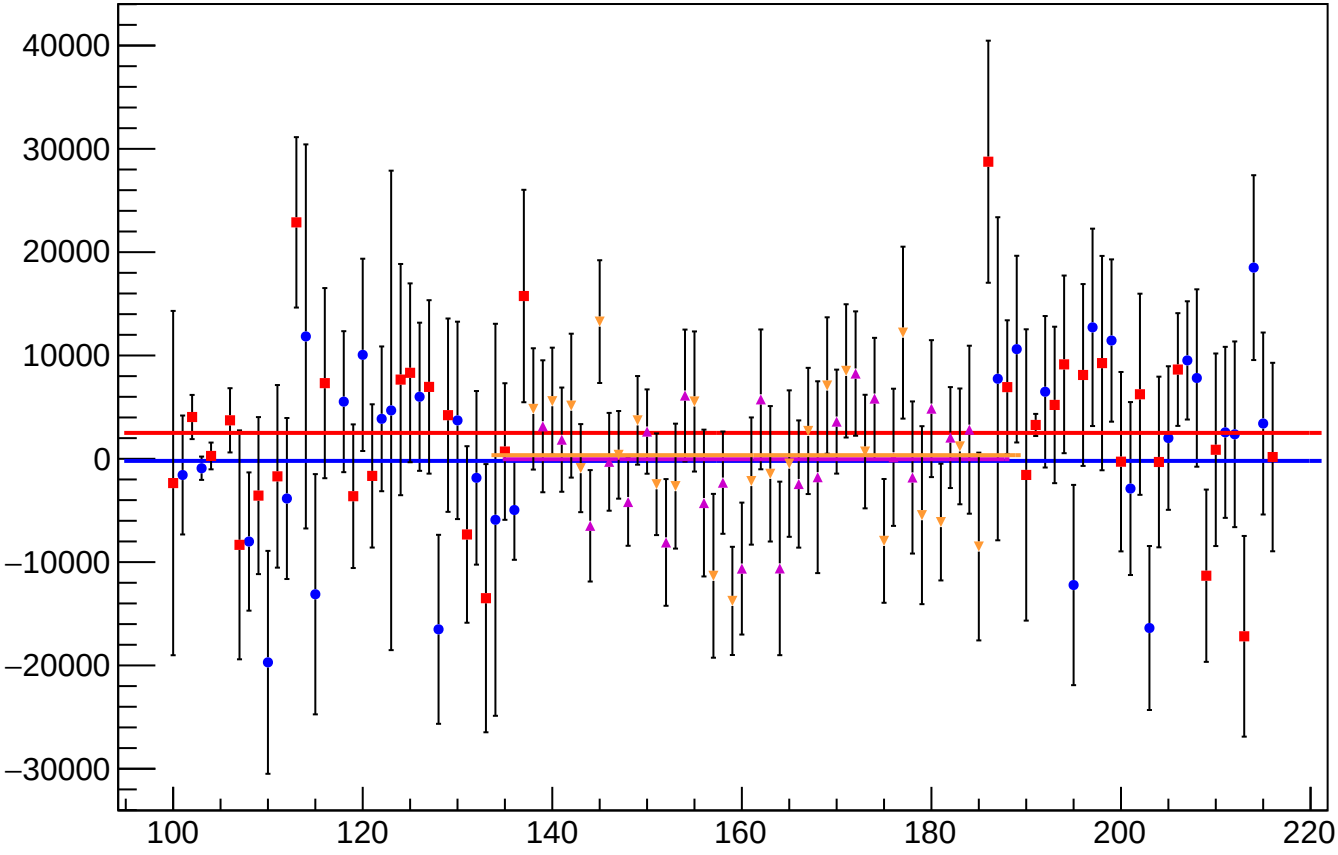
Left In: 1758.076+/-0.298 χ^2/NDF:29806.0/22

+ sign 1806.654+/-0.215 χ^2/NDF: 436579.0/56

All: 1810.090+/-0.153 χ^2/NDF: 951556.1/114

- sign 1813.608+/-0.217 χ^2/NDF: 514458.2/57

asym_atl1r2_avg_correction_mean vs Slug



Right In: -203.227+/-894.342 χ^2/NDF: 35.4/31

Left Out: 351.227+/-1170.051 χ^2/NDF:27.8/24

Right Out: 2506.960+/-672.653 χ^2/NDF: 34.8/34

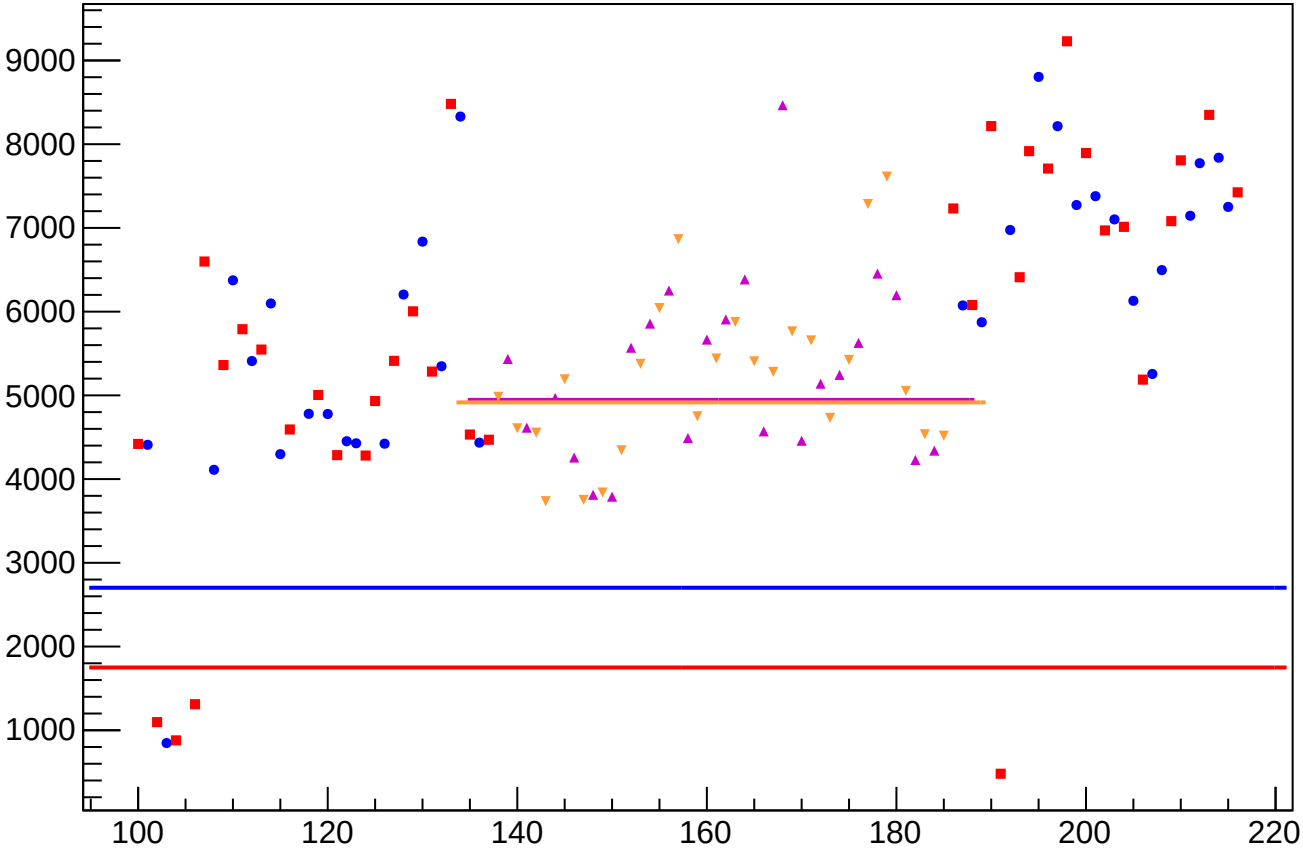
Left In: -40.618+/-1207.491 χ^2/NDF:16.0/22

+ sign 1.248+/-710.546 χ^2/NDF: 63.4/56

All: 1130.960+/-452.833 χ^2/NDF: 121.9/114

- sign 1903.618+/-587.627 χ^2/NDF: 54.2/57

asym_atl1r2_avg_correction_rms vs Slug



Right In: 2702.255+/-0.632 χ^2/NDF: 16153306.8/31

Left Out: 4915.865+/-0.827 χ^2/NDF:1186479.7/24

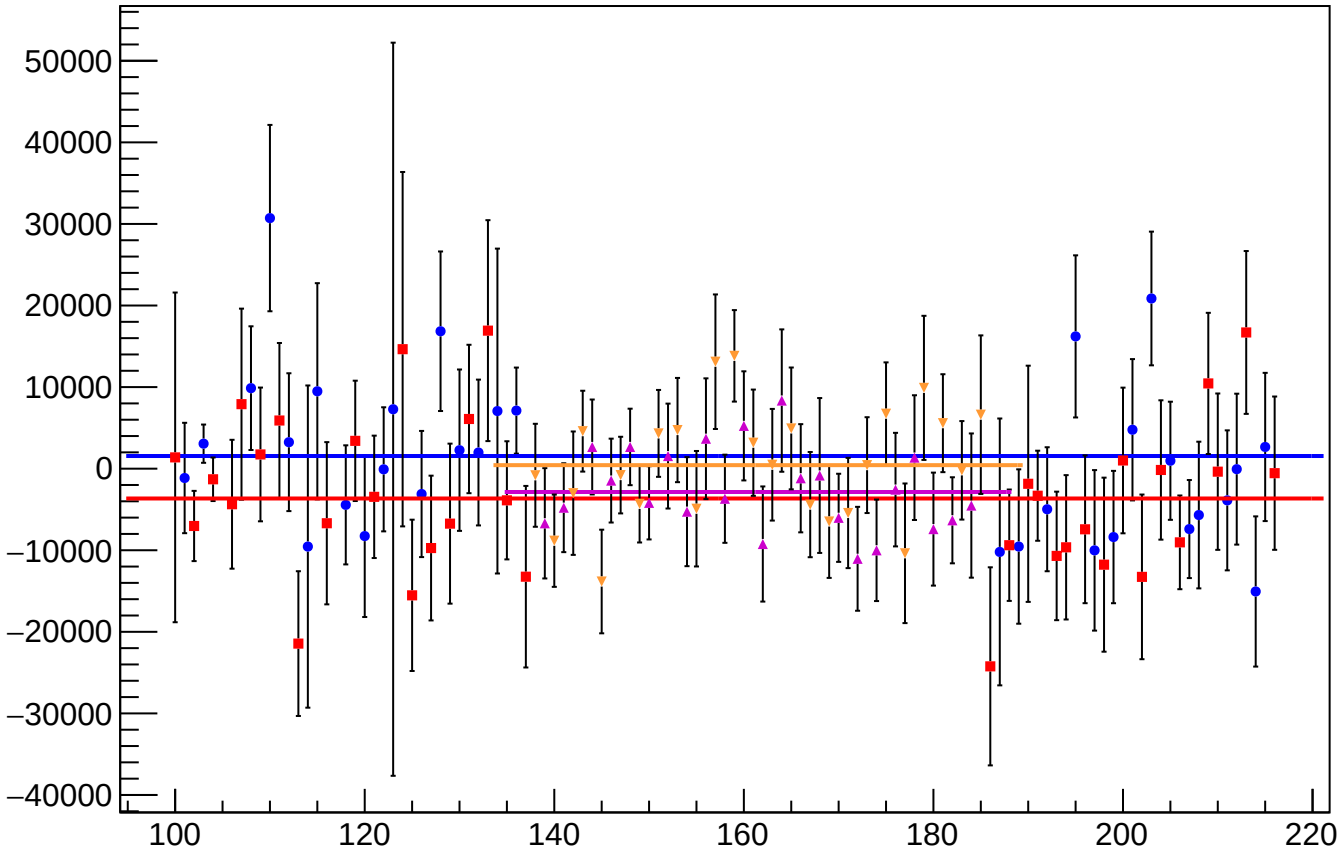
Right Out: 1749.729+/-0.476 χ^2/NDF: 21149518.7/34

Left In: 4945.817+/-0.854 χ^2/NDF:1188288.6/22

+ sign 3518.603+/-0.502 χ^2/NDF: 21858335.7/56

All: 2917.665+/-0.320 χ^2/NDF: 57298652.1/1

- sign 2506.657+/-0.416 χ^2/NDF: 33031334.8/57



Right In: 1551.841+/-1301.299 χ^2/NDF: 34.7/31

Left Out: 430.860+/-1258.273 χ^2/NDF:27.1/24

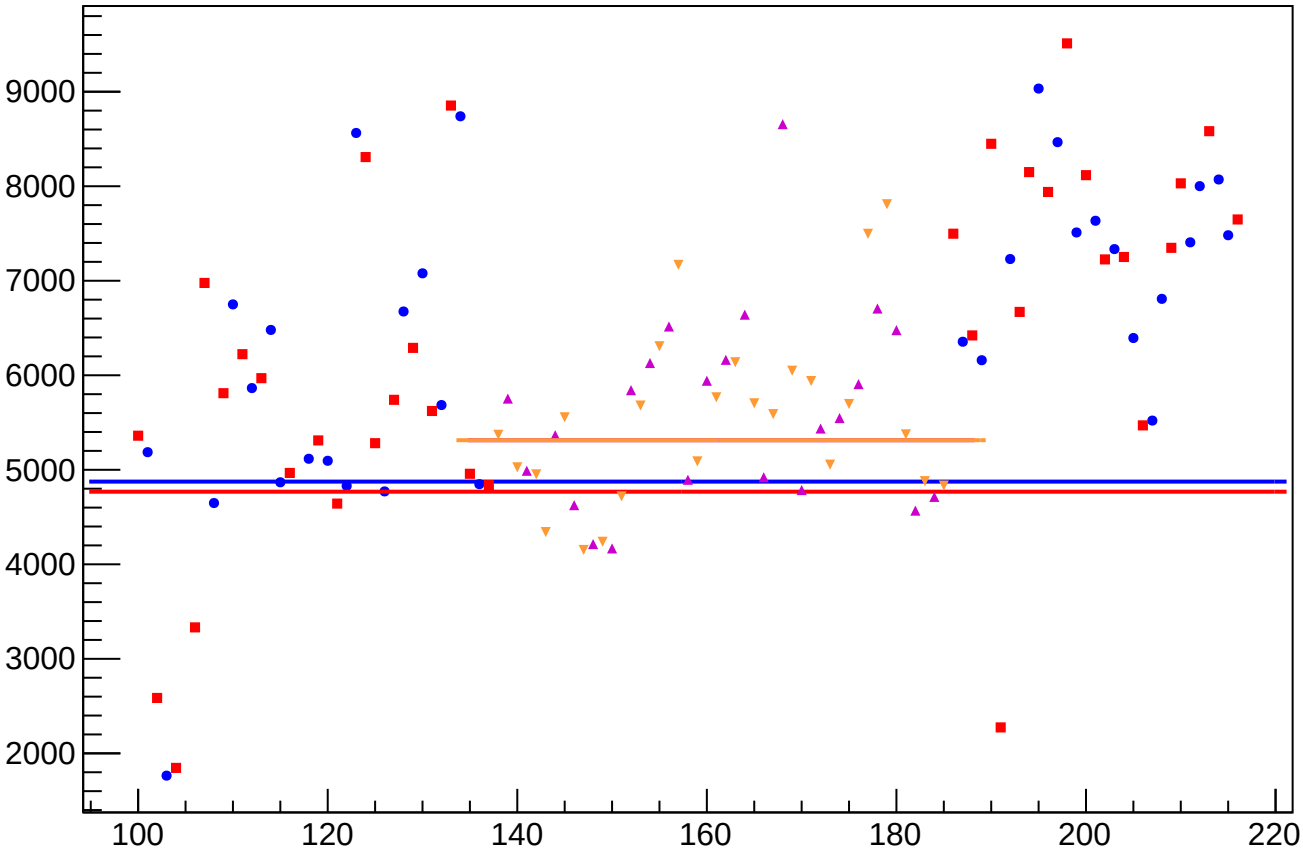
Right Out: -3655.605+/-1275.759 χ^2/NDF: 30.9/34

Left In: -2860.252+/-1292.328 χ^2/NDF:12.9/22

+ sign 972.512+/-904.562 χ^2/NDF: 62.2/56

All: -1137.474+/-640.799 χ^2/NDF: 117.1/114

- sign -3263.060+/-907.899 χ^2/NDF: 44.0/57



Right In: 4875.131+/-0.920 χ^2/NDF: 6364595.8/31

Left Out: 5313.008+/-0.890 χ^2/NDF:894369.8/24

Right Out: 4768.211+/-0.898 χ^2/NDF: 6828475.9/34

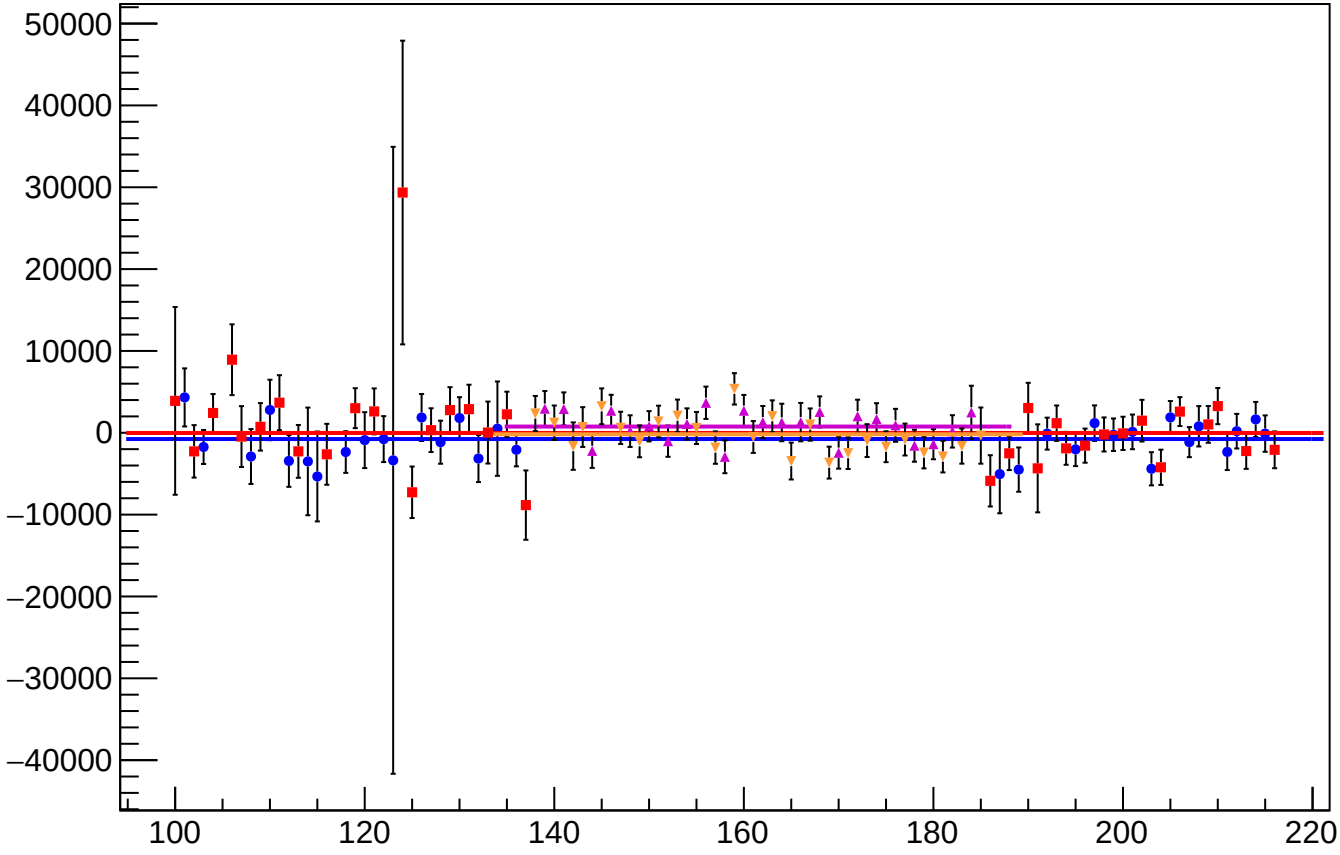
Left In: 5312.861+/-0.914 χ^2/NDF:957400.7/22

+ sign 5101.428+/-0.640 χ^2/NDF: 7375998.2/56

All: 5068.702+/-0.453 χ^2/NDF: 15347777.8/1

- sign 5035.875+/-0.641 χ^2/NDF: 7966535.9/57

reg_asym_atl1r2_dd_mean vs Slug



Right In: -764.540+/-447.803 χ^2/NDF: 20.3/31

Left Out: -179.794+/-410.976 χ^2/NDF:29.3/24

Right Out: -23.065+/-448.279 χ^2/NDF: 44.5/34

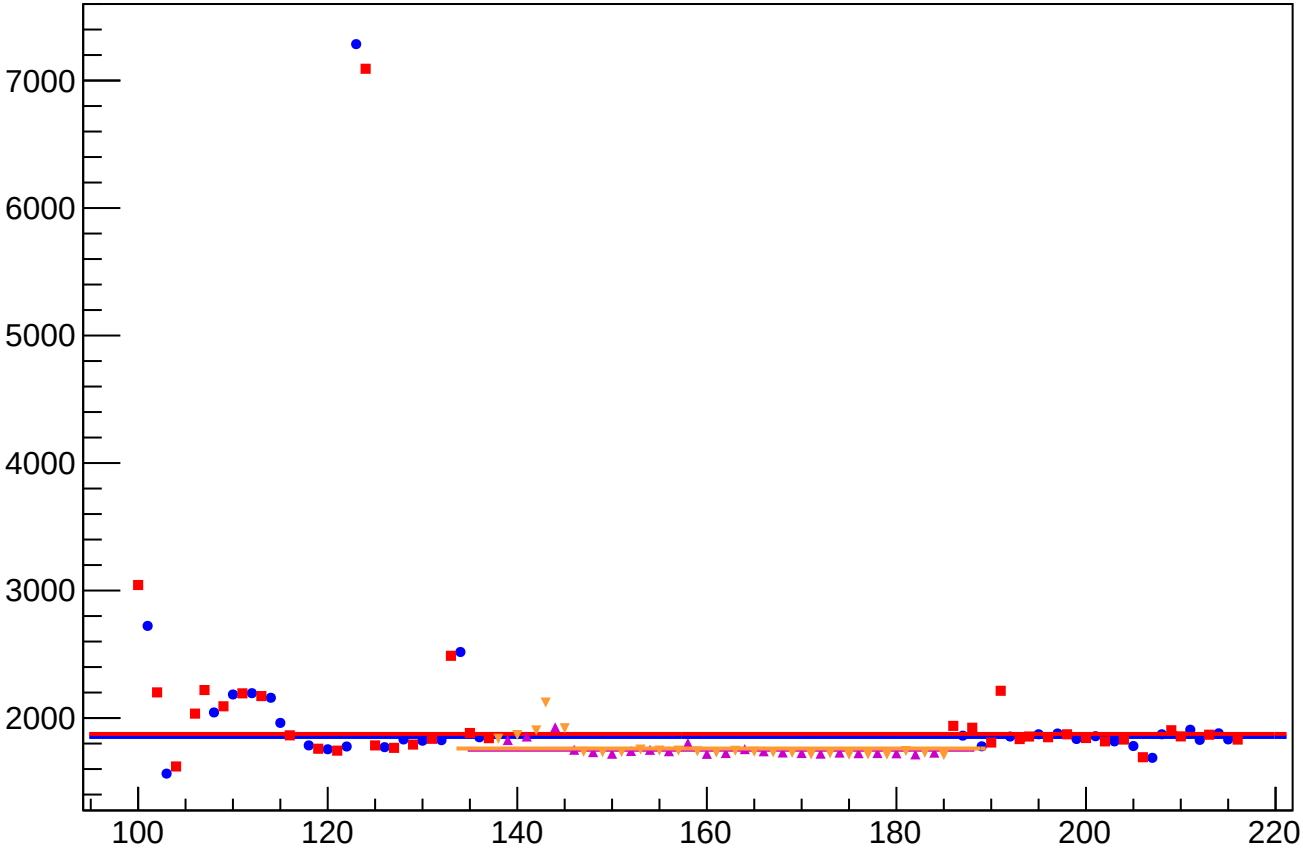
Left In: 759.753+/-419.905 χ^2/NDF:20.3/22

\+ sign -447.137+/-302.788 χ^2/NDF: 50.5/56

All: -31.685+/-215.389 χ^2/NDF: 120.7/114

\- sign 393.901+/-306.458 χ^2/NDF: 66.3/57

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1851.833+/-0.317 χ^2/NDF: 307080.5/31

Left Out: 1761.091+/-0.291 χ^2/NDF:77468.5/24

Right Out: 1875.353+/-0.317 χ^2/NDF: 395661.4/34

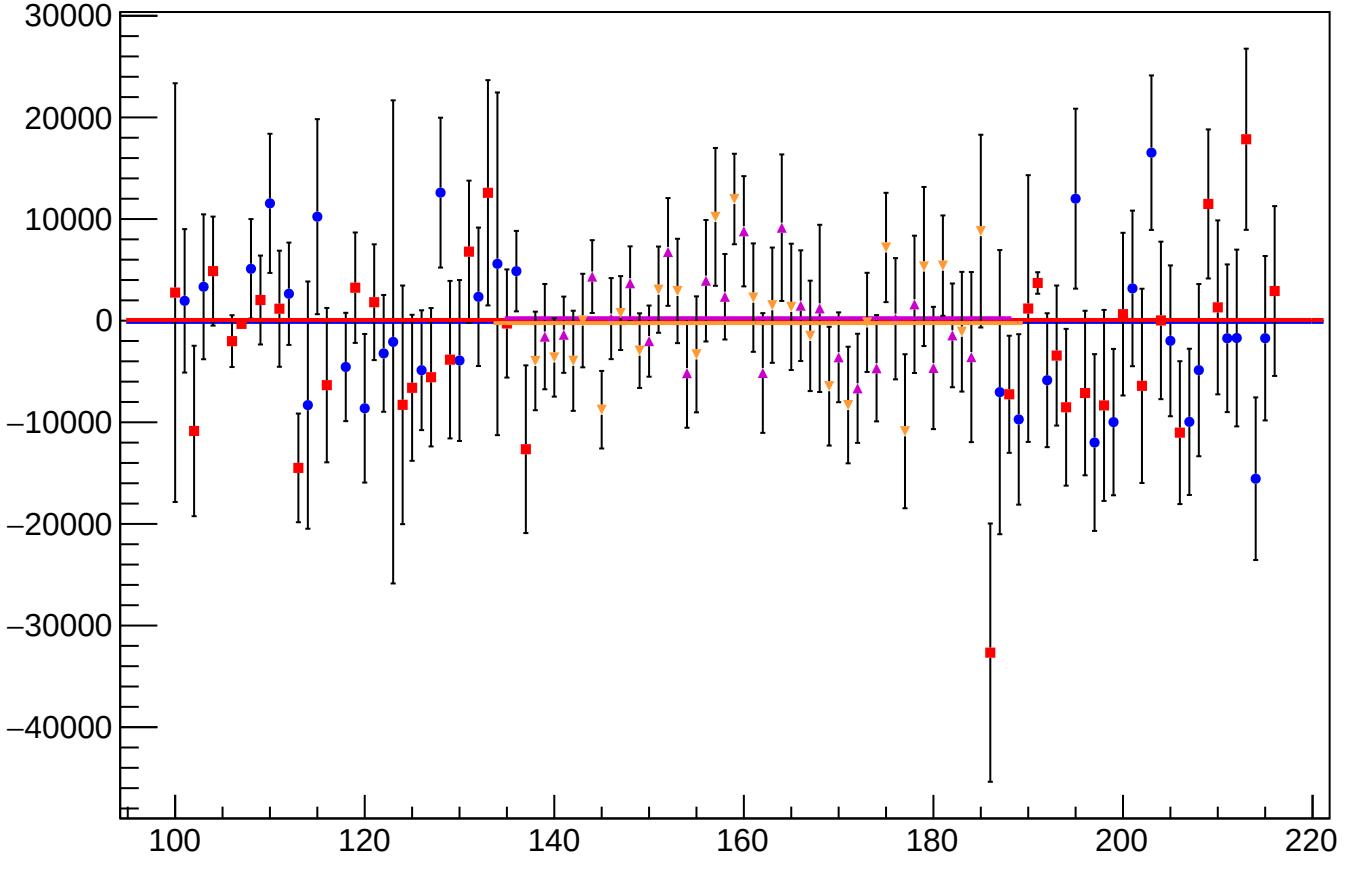
Left In: 1751.418+/-0.297 χ^2/NDF:28578.7/22

+ sign 1802.578+/-0.214 χ^2/NDF: 429126.4/56

All: 1805.936+/-0.152 χ^2/NDF: 935340.4/114

- sign 1809.375+/-0.217 χ^2/NDF: 505716.0/57

asym_atl1r2_dd_correction_mean vs Slug



Right In: -120.354+/-1255.542 χ^2/NDF: 33.3/31

Left Out: -235.806+/-1005.144 χ^2/NDF:28.9/24

Right Out: 67.620+/-409.059 χ^2/NDF: 52.1/34

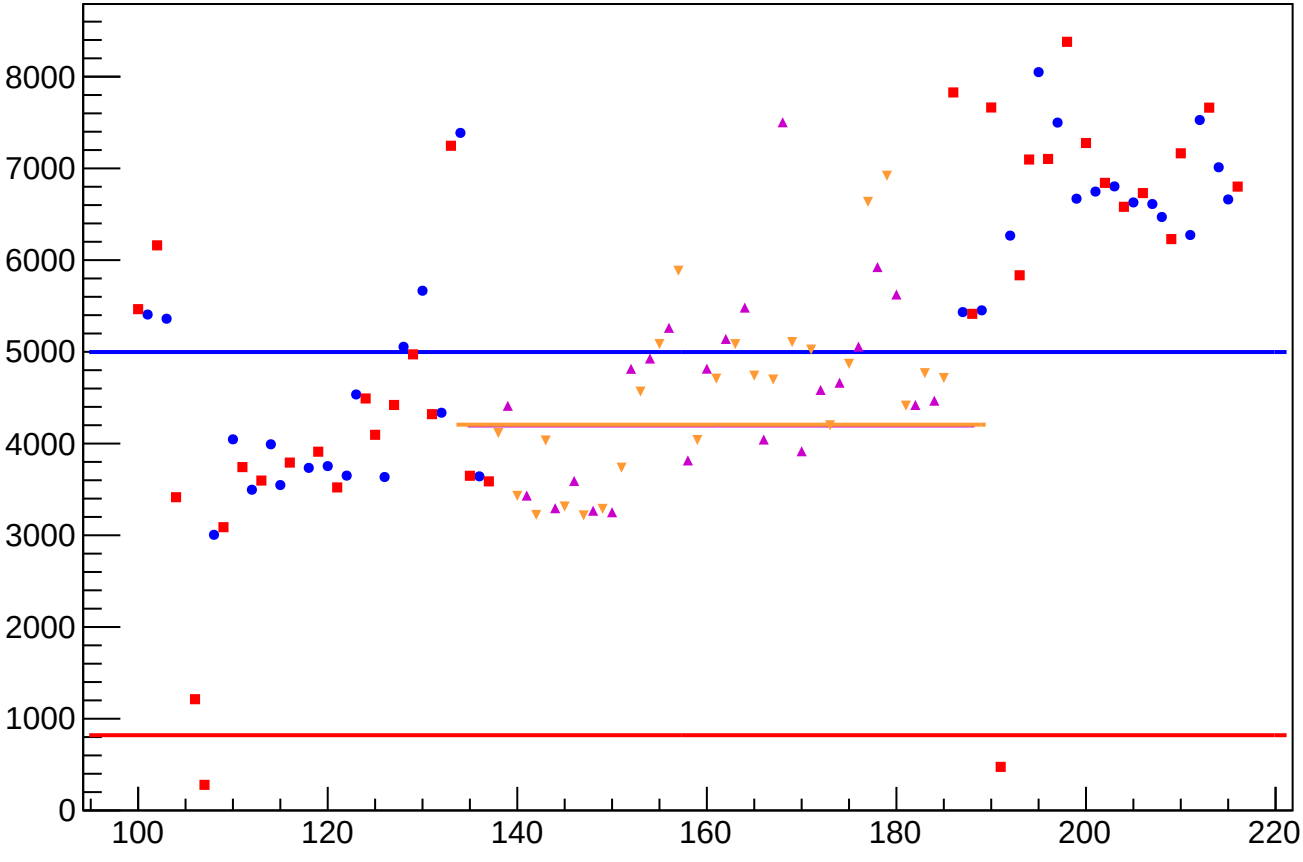
Left In: 239.224+/-1028.883 χ^2/NDF:15.3/22

+ sign -190.713+/-784.669 χ^2/NDF: 62.2/56

All: 37.489+/-342.092 χ^2/NDF: 129.8/114

- sign 91.042+/-380.119 χ^2/NDF: 67.5/57

asym_atl1r2_dd_correction_rms vs Slug



Right In: 4997.838+/-0.888 χ^2/NDF: 2824779.7/31

Left Out: 4206.076+/-0.711 χ^2/NDF:1442269.3/24

Right Out: 820.364+/-0.289 χ^2/NDF: 27188127.3/34

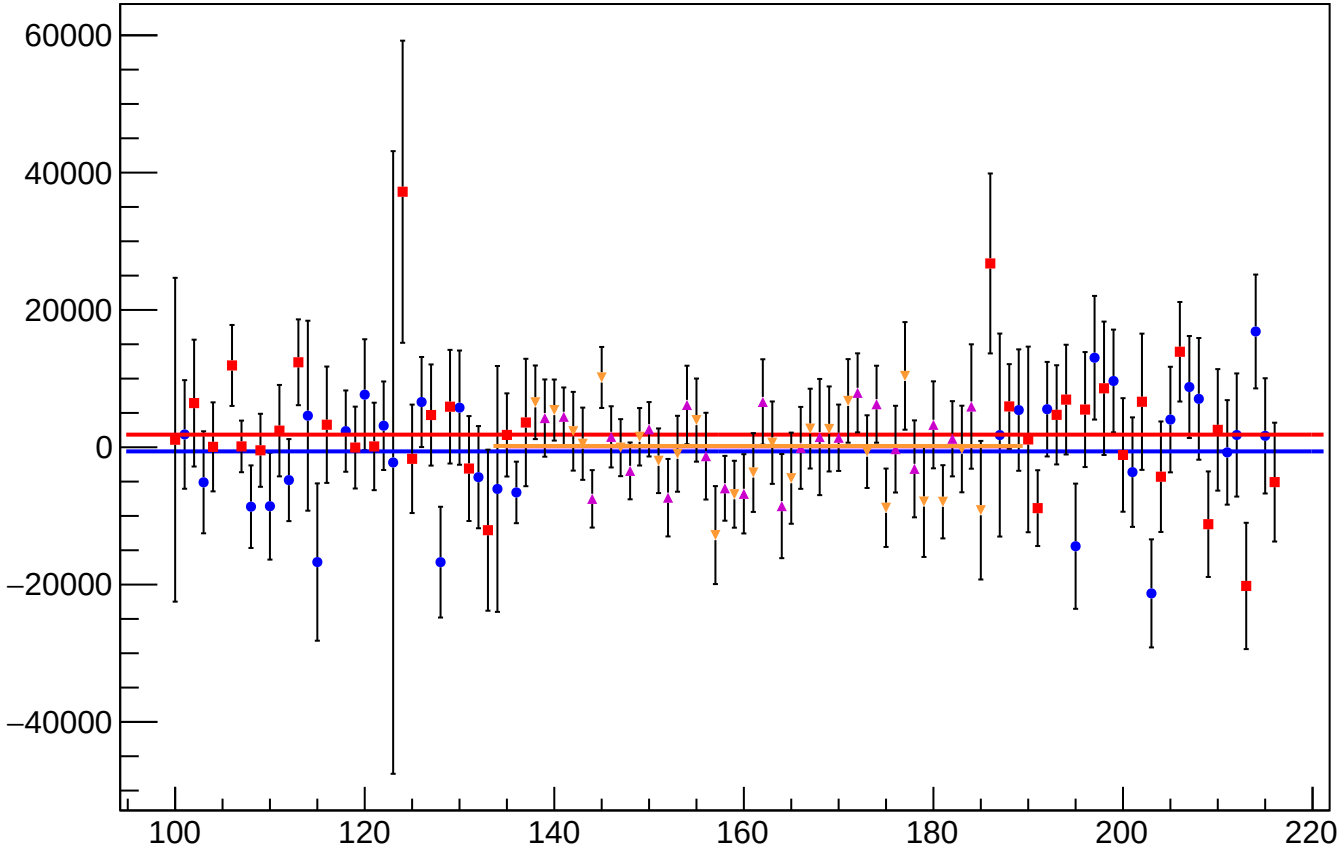
Left In: 4197.267+/-0.728 χ^2/NDF:1471012.9/22

+ sign 4515.323+/-0.555 χ^2/NDF: 4751749.3/56

All: 1895.978+/-0.242 χ^2/NDF: 79531282.6/1

- sign 1281.284+/-0.269 χ^2/NDF: 47262928.8/57

asym_atl1r2_dd_mean vs Slug



Right In: -601.439+/-1373.060 χ^2/NDF: 37.6/31

Left Out: 189.721+/-1106.851 χ^2/NDF:25.0/24

Right Out: 1840.202+/-1244.288 χ^2/NDF: 33.8/34

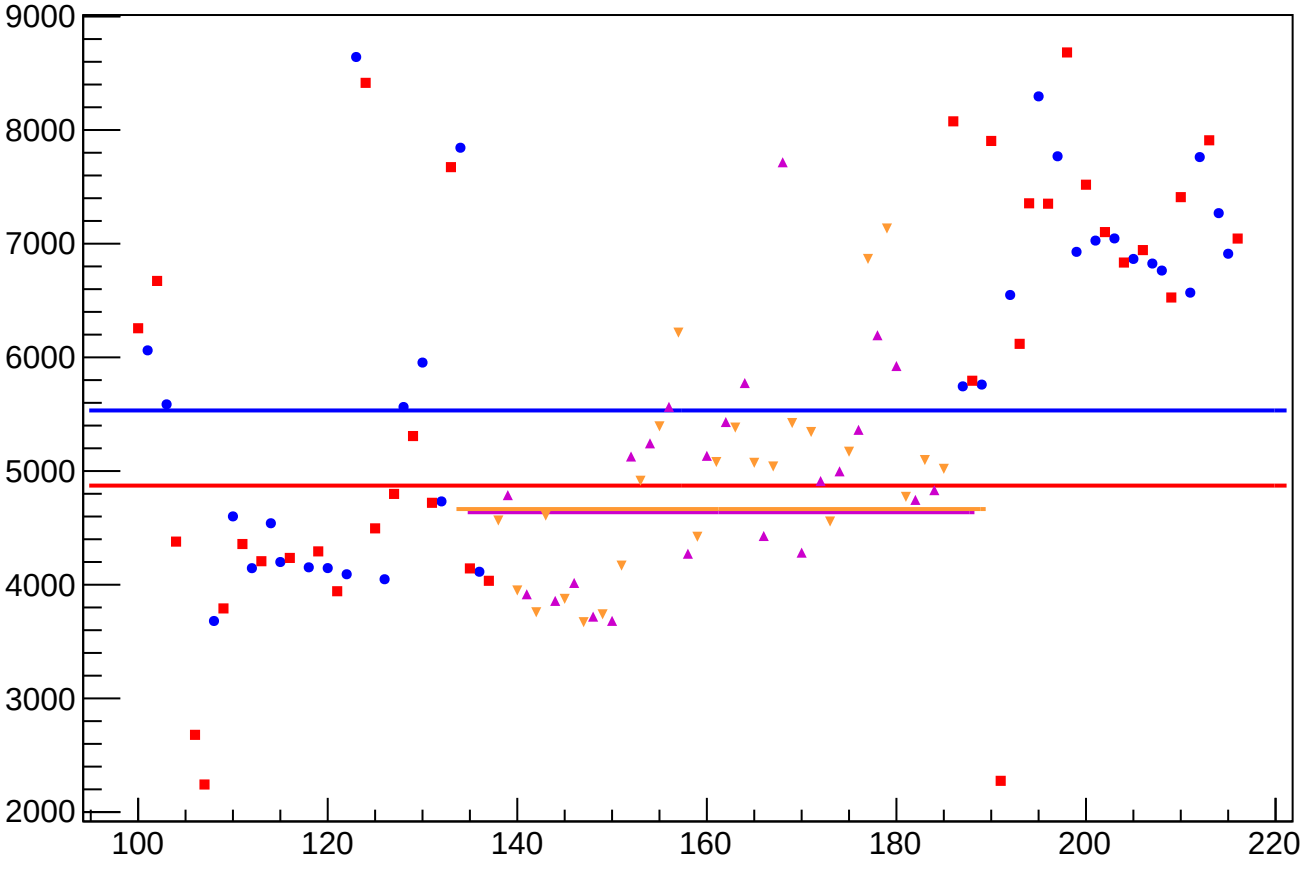
Left In: 137.477+/-1129.656 χ^2/NDF:18.6/22

+ sign -121.899+/-861.727 χ^2/NDF: 62.7/56

All: 407.805+/-600.172 χ^2/NDF: 116.9/114

- sign 906.810+/-836.384 χ^2/NDF: 53.4/57

asym_atl1r2_dd_rms vs Slug



Right In: 5532.961+/-0.971 χ^2/NDF: 2041728.4/31

Left Out: 4665.620+/-0.783 χ^2/NDF:1017235.0/24

Right Out: 4872.014+/-0.876 χ^2/NDF: 4445456.6/34

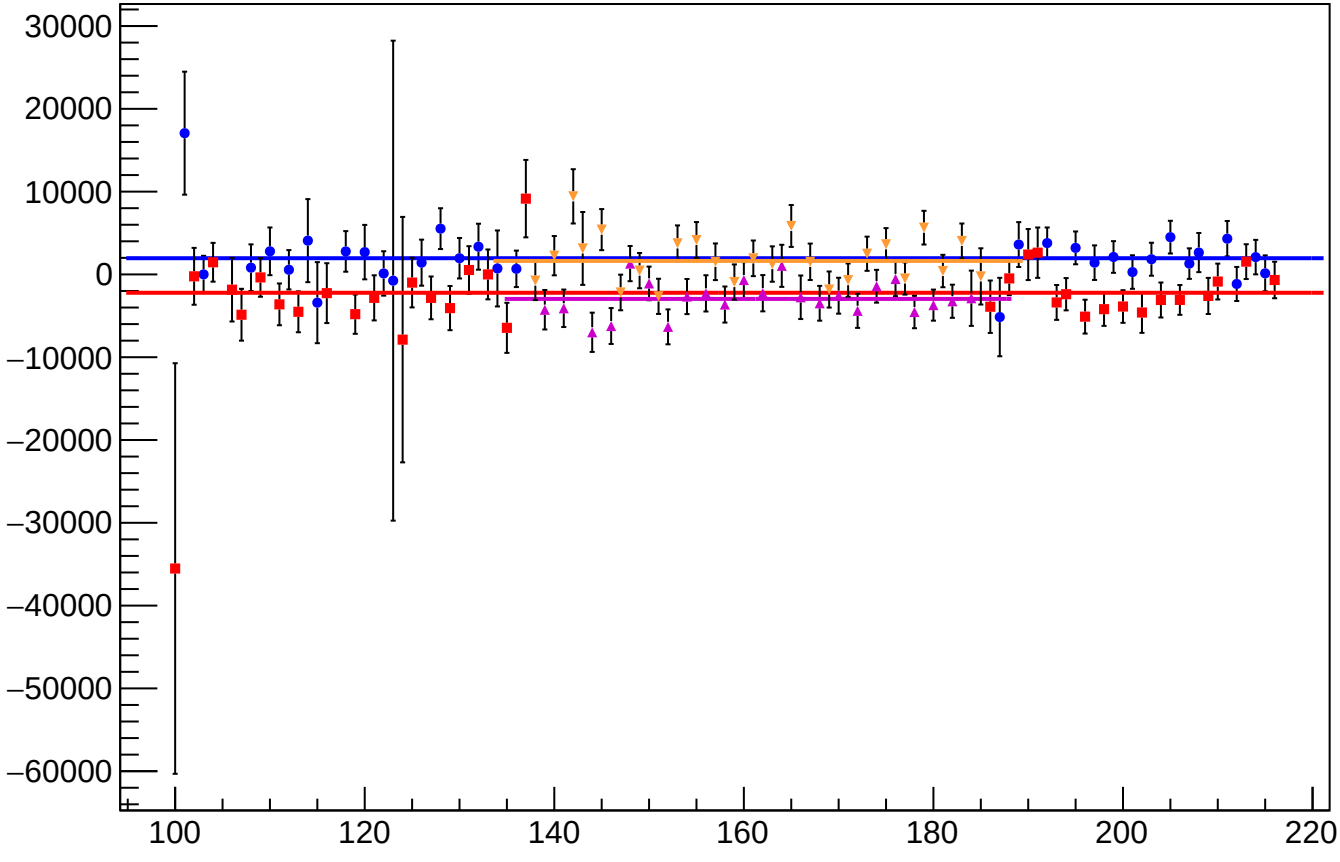
Left In: 4637.777+/-0.799 χ^2/NDF:1065217.2/22

+ sign 5007.245+/-0.609 χ^2/NDF: 3542680.9/56

All: 4871.496+/-0.424 χ^2/NDF: 9188597.5/11

- sign 4744.077+/-0.590 χ^2/NDF: 5549697.0/57

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1957.379+/-433.960 χ^2/NDF: 21.1/31

Left Out: 1630.035+/-447.063 χ^2/NDF:35.4/24

Right Out: -2216.150+/-427.688 χ^2/NDF: 33.8/34

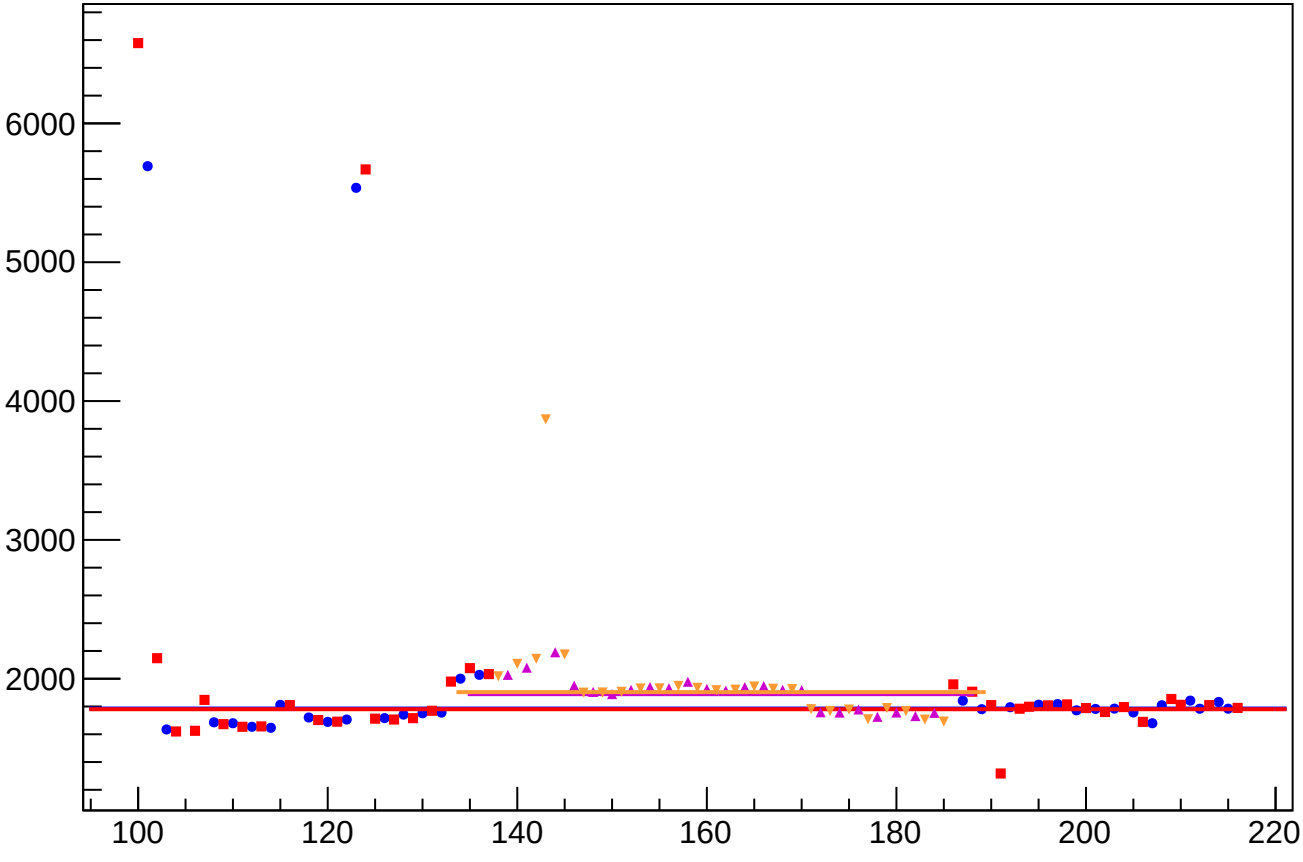
Left In: -2958.620+/-453.688 χ^2/NDF:20.4/22

+ sign 1798.575+/-311.385 χ^2/NDF: 56.8/56

All: -384.715+/-220.120 χ^2/NDF: 210.7/114

- sign -2565.502+/-311.207 χ^2/NDF: 55.6/57

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1785.269+/-0.307 χ^2/NDF: 655585.1/31

Left Out: 1903.618+/-0.316 χ^2/NDF:541575.7/24

Right Out: 1780.371+/-0.302 χ^2/NDF: 377098.6/34

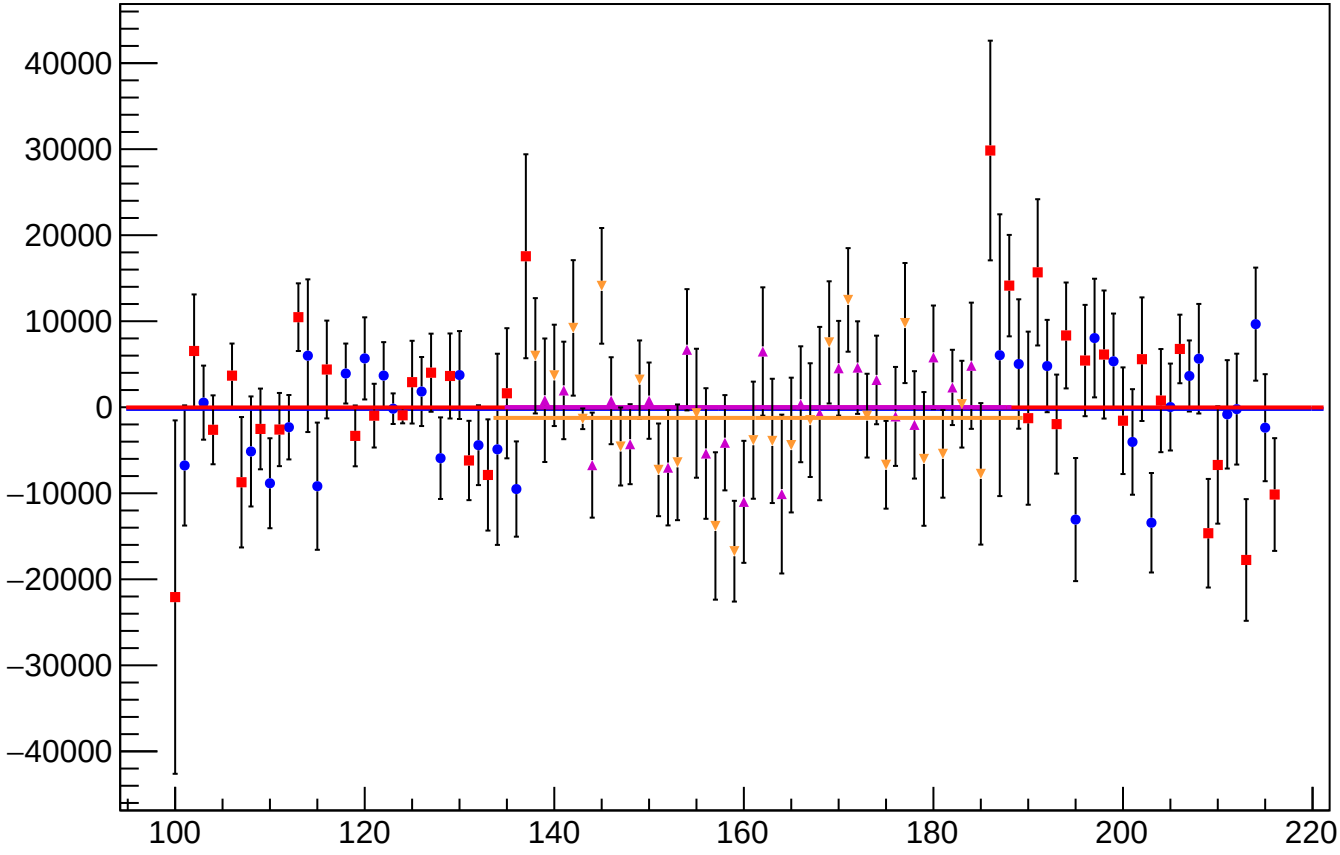
Left In: 1888.927+/-0.321 χ^2/NDF:126417.2/22

+ sign 1842.684+/-0.220 χ^2/NDF: 1269324.9/56

All: 1836.982+/-0.156 χ^2/NDF: 1834959.7/11

- sign 1831.304+/-0.220 χ^2/NDF: 564296.4/57

asym_atr1l2_avg_correction_mean vs Slug



Right In: -194.351+/-849.800 χ^2/NDF: 33.4/31

Left Out: -1239.833+/-865.201 χ^2/NDF:33.9/24

Right Out: -22.890+/-662.111 χ^2/NDF: 59.0/34

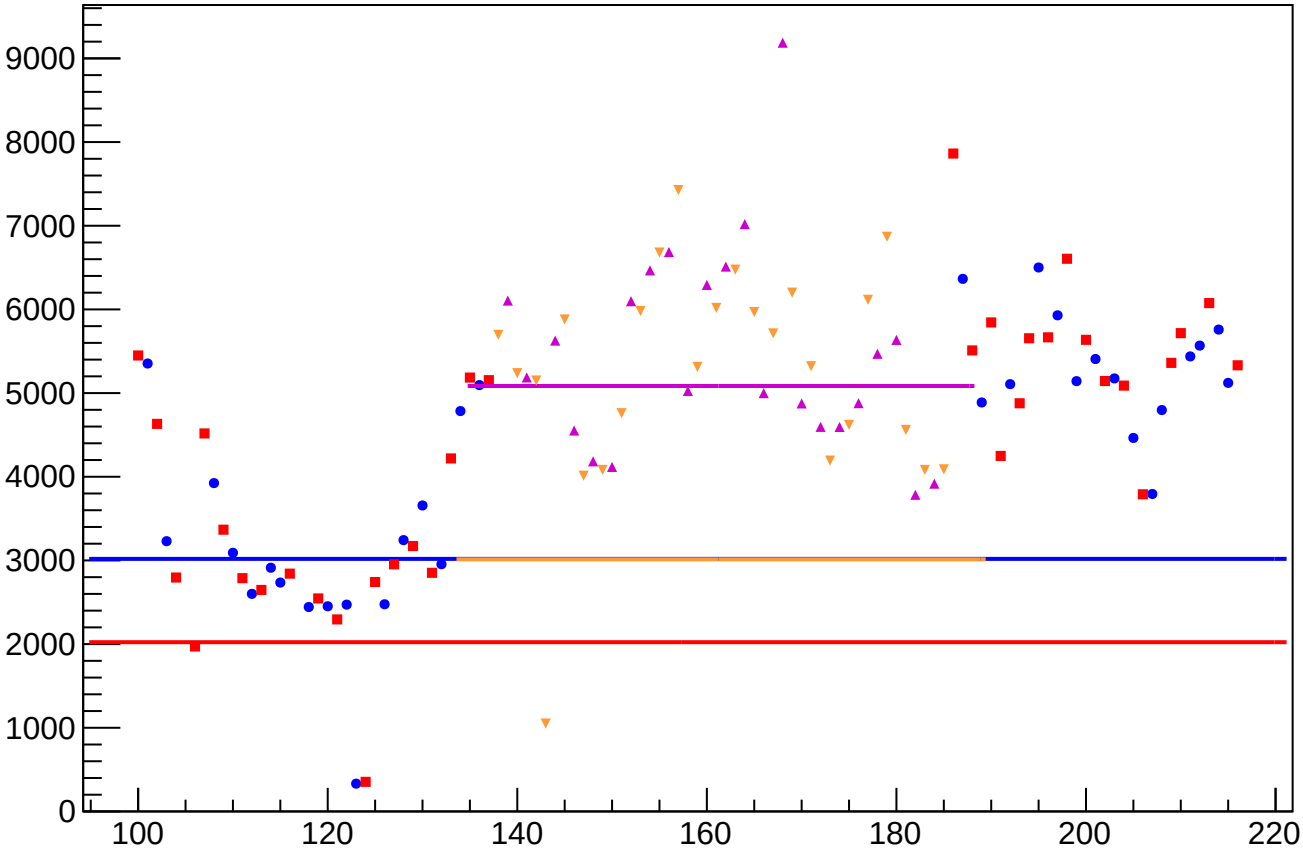
Left In: 15.863+/-1243.317 χ^2/NDF:13.2/22

+ sign -707.704+/-606.271 χ^2/NDF: 68.1/56

All: -348.289+/-420.756 χ^2/NDF: 140.9/114

- sign -14.328+/-584.409 χ^2/NDF: 72.2/57

asym_atr1l2_avg_correction_rms vs Slug



Right In: 3018.542+/-0.601 χ^2/NDF: 9176248.8/31

Left Out: 3013.268+/-0.612 χ^2/NDF:12270753.9/24

Right Out: 2022.837+/-0.468 χ^2/NDF: 16841031.9/34

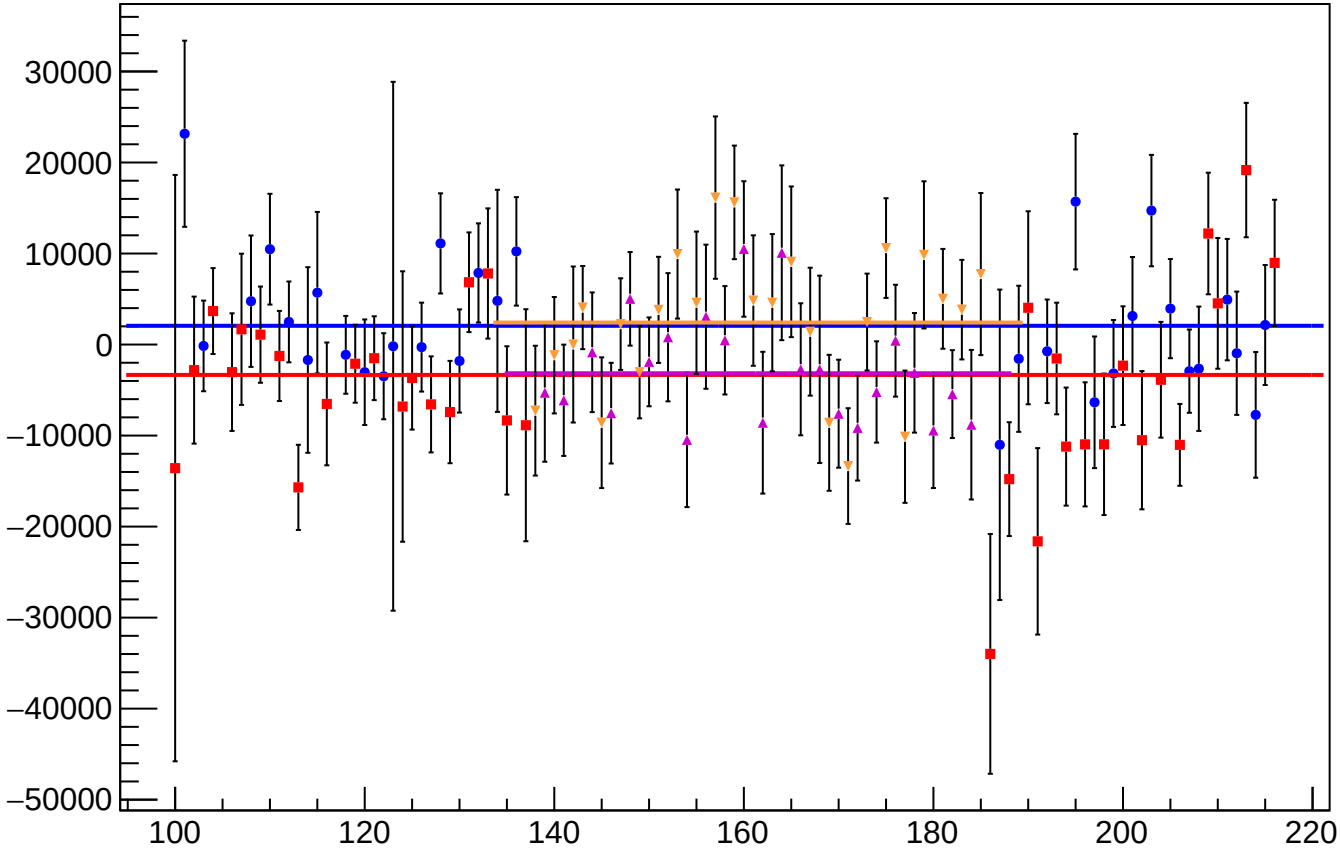
Left In: 5084.645+/-0.879 χ^2/NDF:1303587.7/22

+ sign 3015.952+/-0.429 χ^2/NDF: 21447040.4/56

All: 2851.817+/-0.298 χ^2/NDF: 49323634.6/1

- sign 2699.306+/-0.413 χ^2/NDF: 27593798.2/57

asym_atr1l2_avg_mean vs Slug



Right In: 2059.956+/-1096.323 χ^2/NDF: 31.0/31

Left Out: 2417.210+/-1286.482 χ^2/NDF:29.9/24

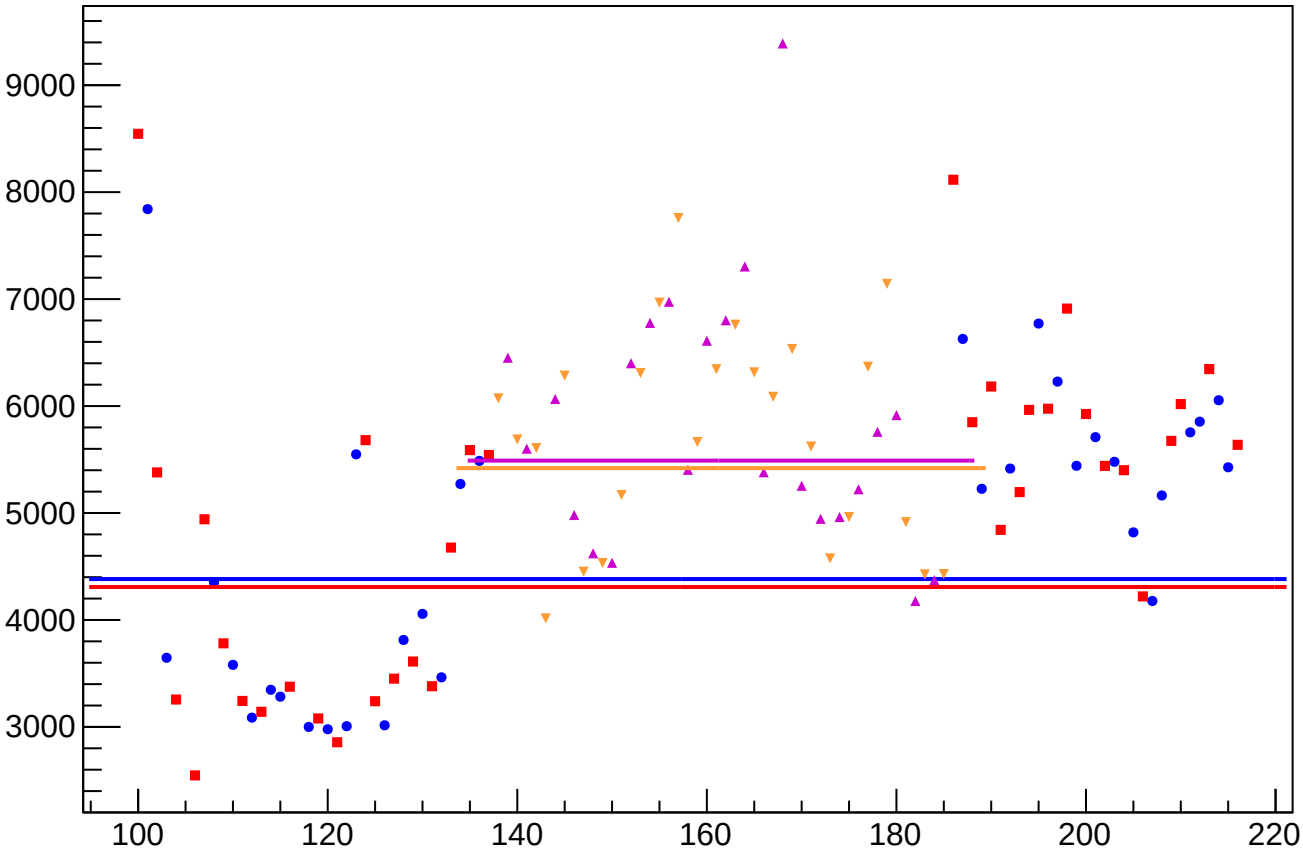
Right Out: -3337.190+/-1080.137 χ^2/NDF: 57.5/34

Left In: -3153.449+/-1337.378 χ^2/NDF:15.5/22

+ sign 2210.253+/-834.431 χ^2/NDF: 61.0/56

All: -508.014+/-592.096 χ^2/NDF: 155.4/114

- sign -3264.652+/-840.299 χ^2/NDF: 73.0/57



Right In: 4382.632+/-0.775 χ^2/NDF: 2410743.6/31

Left Out: 5419.305+/-0.910 χ^2/NDF:1109972.1/24

Right Out: 4308.184+/-0.757 χ^2/NDF: 2885980.3/34

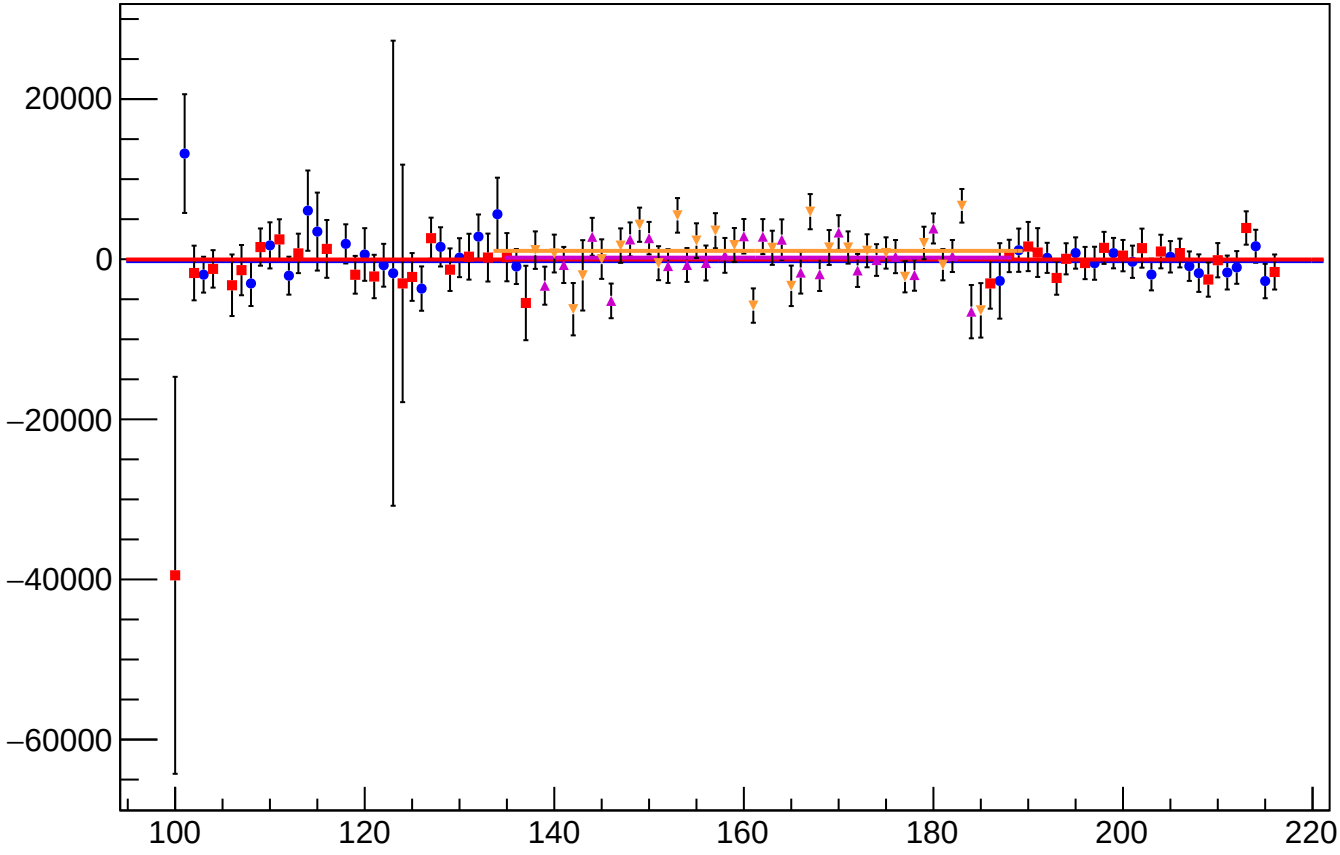
Left In: 5489.885+/-0.946 χ^2/NDF:1064353.3/22

+ sign 4818.759+/-0.590 χ^2/NDF: 4273049.9/56

All: 4794.340+/-0.418 χ^2/NDF: 9178280.0/11

- sign 4769.834+/-0.591 χ^2/NDF: 4901798.3/57

reg_asym_atr1l2_dd_mean vs Slug



Right In: -239.122+/-431.575 χ^2/NDF: 19.2/31

Left Out: 1041.262+/-446.249 χ^2/NDF:48.6/24

Right Out: -36.052+/-425.362 χ^2/NDF: 19.5/34

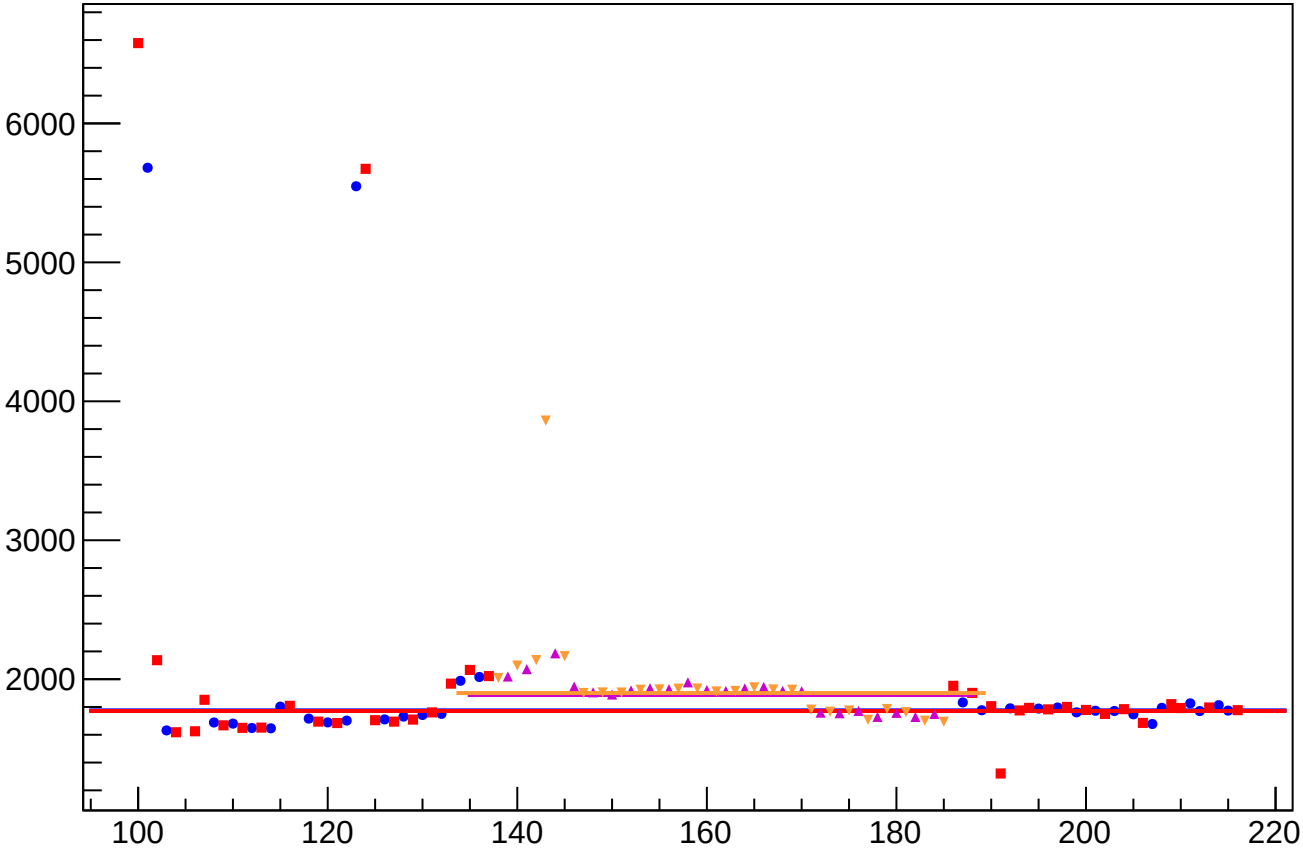
Left In: 191.966+/-453.055 χ^2/NDF:30.0/22

+ sign 379.672+/-310.227 χ^2/NDF: 72.0/56

All: 225.162+/-219.320 χ^2/NDF: 122.1/114

- sign 70.775+/-310.104 χ^2/NDF: 49.6/57

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1775.601+/-0.305 χ^2/NDF: 651820.3/31

Left Out: 1900.295+/-0.316 χ^2/NDF:537892.5/24

Right Out: 1770.955+/-0.300 χ^2/NDF: 371594.9/34

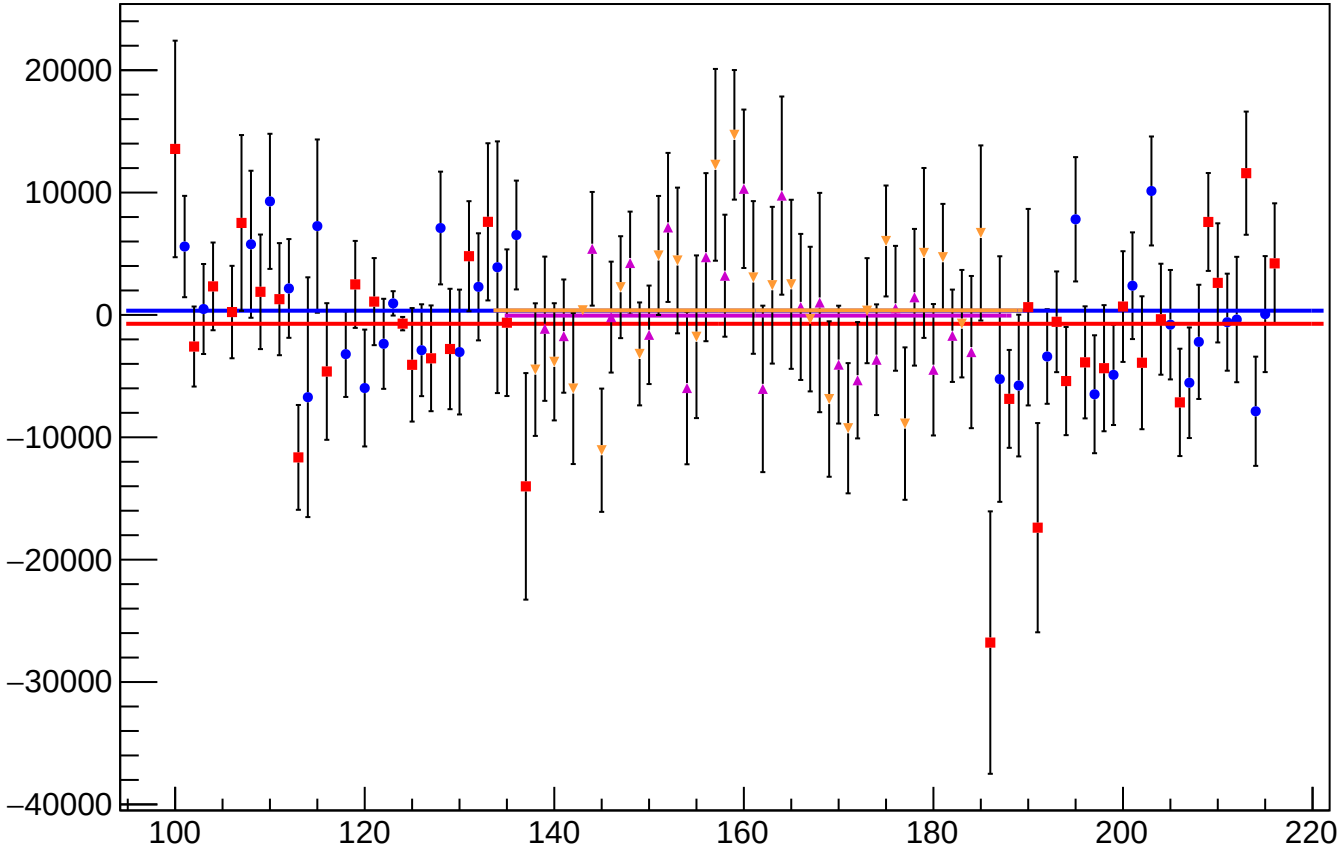
Left In: 1886.378+/-0.320 χ^2/NDF:123520.6/22

+ sign 1835.864+/-0.219 χ^2/NDF: 1270402.1/56

All: 1830.361+/-0.155 χ^2/NDF: 1835939.5/11

- sign 1824.878+/-0.219 χ^2/NDF: 564281.1/57

asym_atr1l2_dd_correction_mean vs Slug



Right In: 346.323+/-638.283 χ^2/NDF: 34.7/31

Left Out: 373.277+/-382.071 χ^2/NDF:30.8/24

Right Out: -723.959+/-453.637 χ^2/NDF: 48.5/34

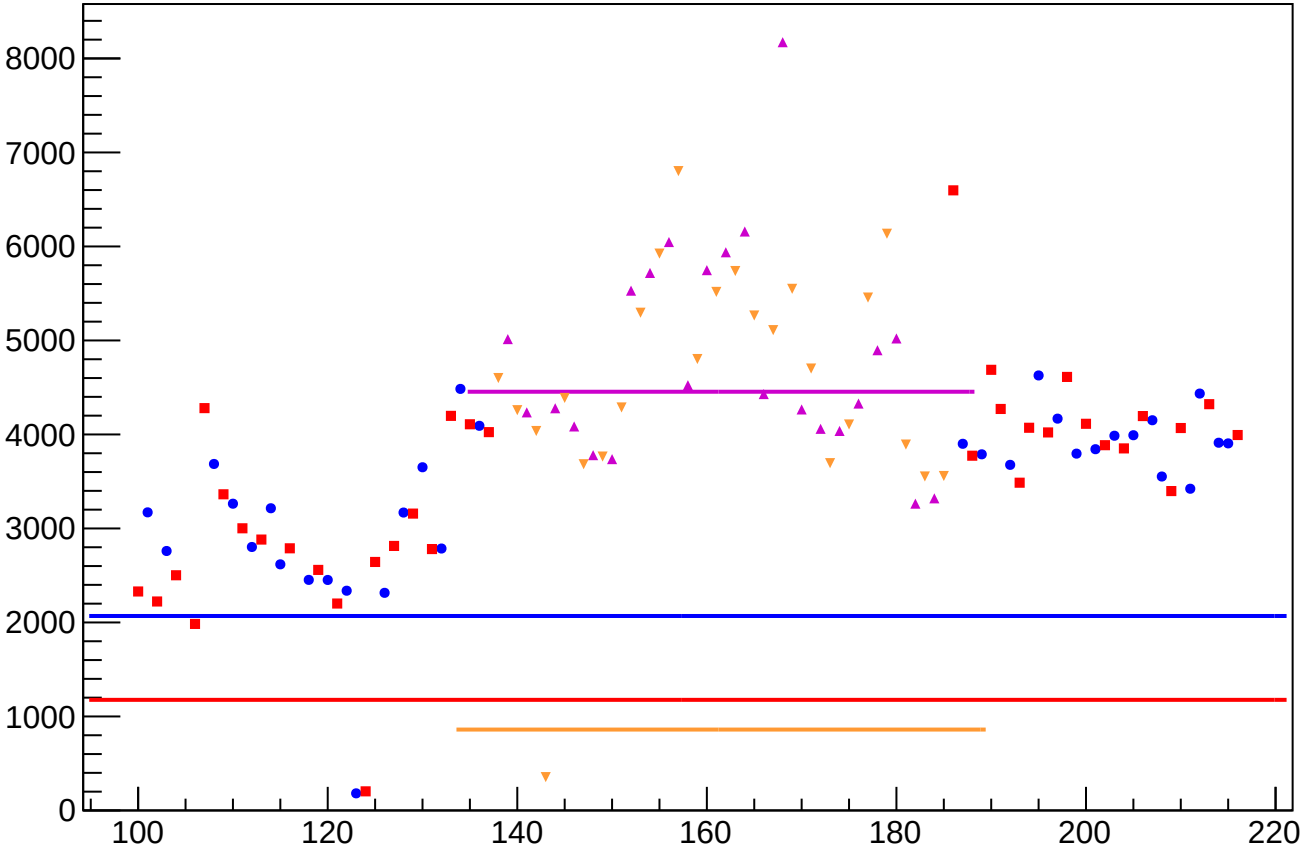
Left In: -53.099+/-1089.888 χ^2/NDF:14.5/22

+ sign 366.167+/-327.827 χ^2/NDF: 65.6/56

All: -10.368+/-258.146 χ^2/NDF: 132.4/114

- sign -624.899+/-418.807 χ^2/NDF: 63.4/57

asym_atr1l2_dd_correction_rms vs Slug



Right In: 2068.813+/-0.451 χ^2/NDF: 13515903.2/31

Left Out: 860.545+/-0.270 χ^2/NDF:26340106.5/24

Right Out: 1176.656+/-0.321 χ^2/NDF: 22059007.4/34

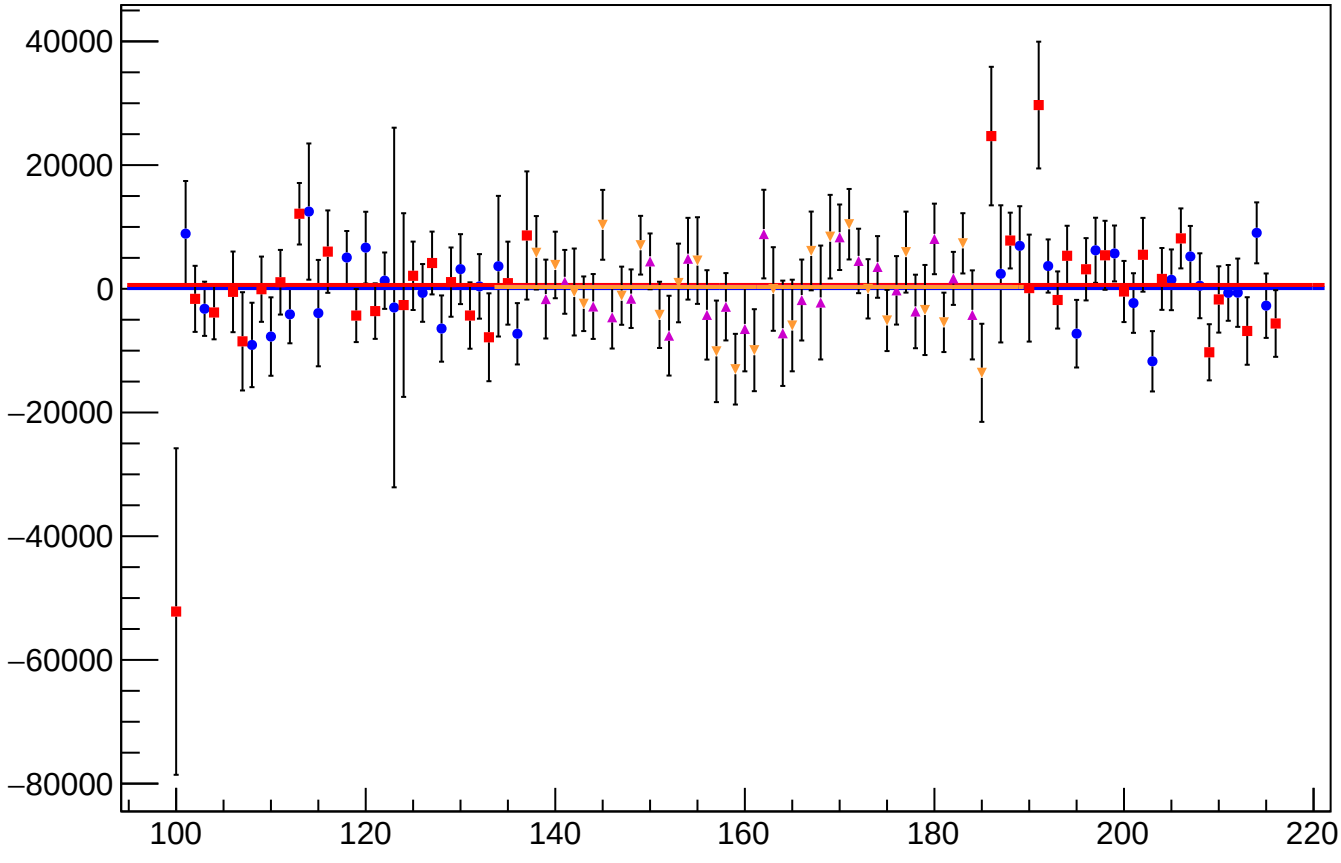
Left In: 4454.402+/-0.771 χ^2/NDF:1349758.1/22

+ sign 1179.277+/-0.232 χ^2/NDF: 45132313.3/56

All: 1362.165+/-0.183 χ^2/NDF: 85597482.6/1

- sign 1660.650+/-0.296 χ^2/NDF: 38826818.7/57

asym_atr1l2_dd_mean vs Slug



Right In: 114.938+/-962.562 χ^2/NDF: 31.6/31

Left Out: 288.508+/-1155.419 χ^2/NDF:32.4/24

Right Out: 621.639+/-950.752 χ^2/NDF: 48.0/34

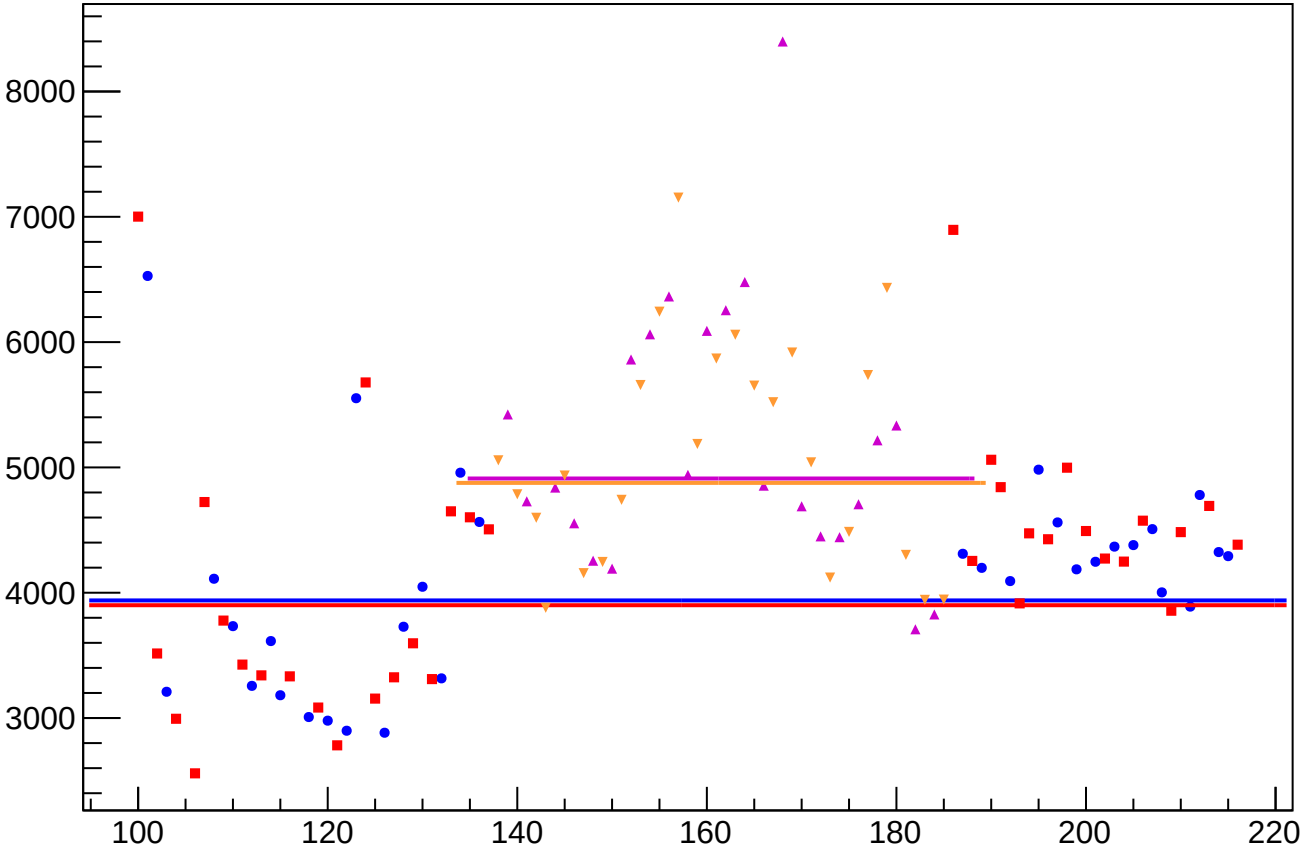
Left In: 332.488+/-1196.011 χ^2/NDF:14.7/22

+ sign 186.048+/-739.551 χ^2/NDF: 64.0/56

All: 346.836+/-524.594 χ^2/NDF: 126.9/114

- sign 509.672+/-744.248 χ^2/NDF: 62.7/57

asym_atr1l2_dd_rms vs Slug



Right In: 3938.561+/-0.681 χ^2/NDF: 994959.2/31

Left Out: 4876.564+/-0.817 χ^2/NDF:972528.1/24

Right Out: 3900.300+/-0.668 χ^2/NDF: 1213495.5/34

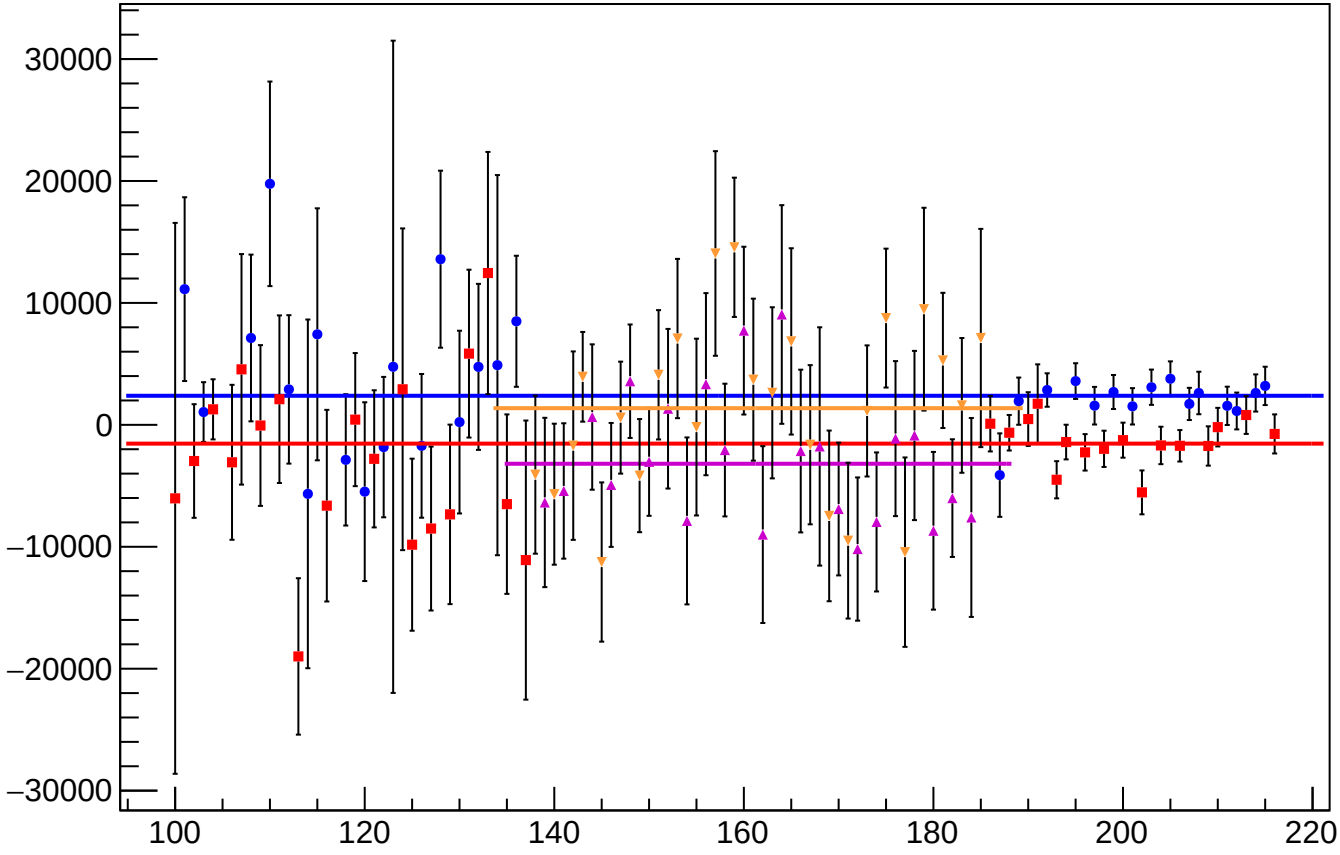
Left In: 4911.546+/-0.846 χ^2/NDF:1043164.6/22

+ sign 4322.852+/-0.523 χ^2/NDF: 2745593.5/56

All: 4305.798+/-0.370 χ^2/NDF: 5885068.1/11

- sign 4288.668+/-0.524 χ^2/NDF: 3137342.8/57

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2385.078+/-384.815 χ^2/NDF: 21.8/31

Left Out: 1365.082+/-1206.268 χ^2/NDF:28.0/24

Right Out: -1539.021+/-385.699 χ^2/NDF: 32.9/34

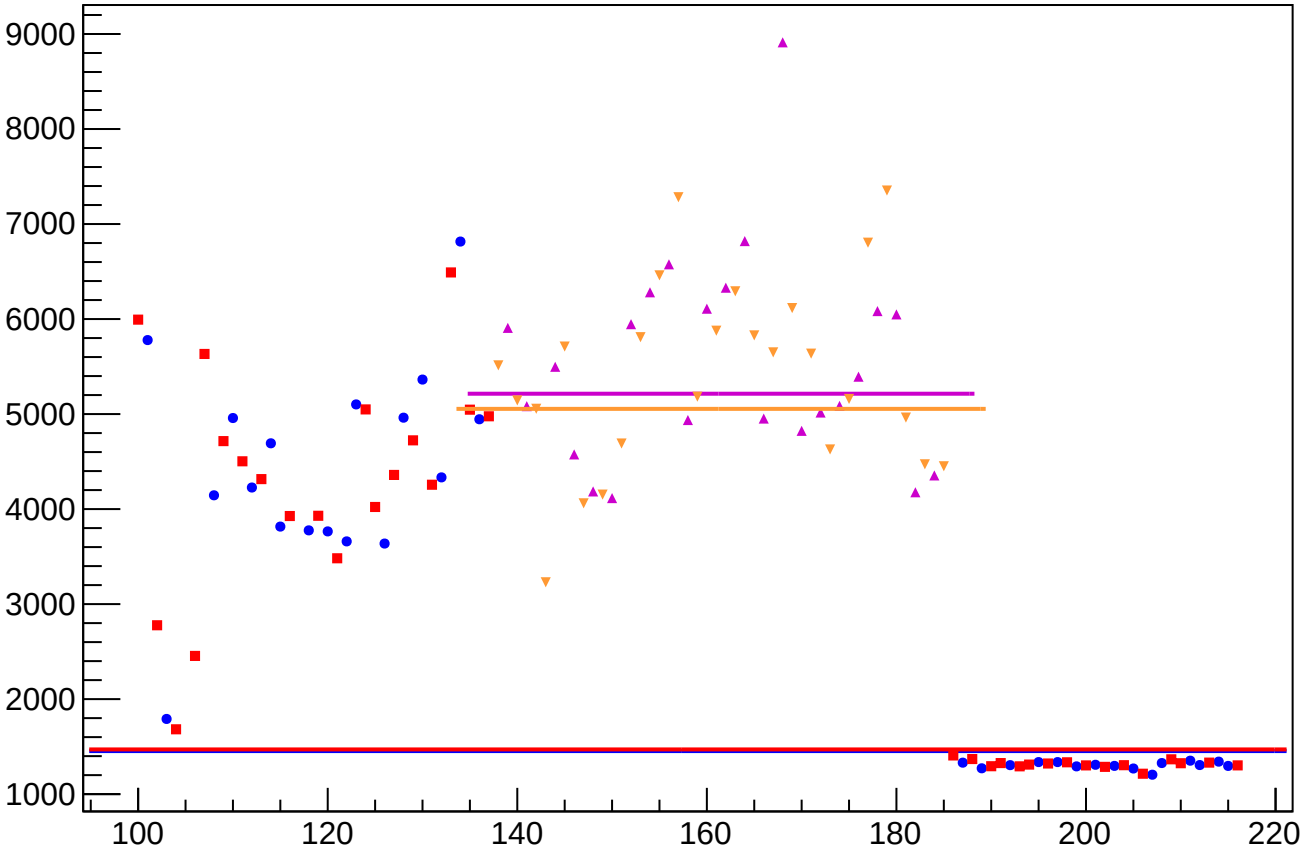
Left In: -3191.160+/-1270.021 χ^2/NDF:14.0/22

+ sign 2290.862+/-366.612 χ^2/NDF: 50.5/56

All: 319.346+/-260.093 χ^2/NDF: 157.1/114

- sign -1678.531+/-369.055 χ^2/NDF: 48.4/57

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1453.093+/-0.272 χ^2/NDF: 5913869.4/31

Left Out: 5054.711+/-0.853 χ^2/NDF:1437224.7/24

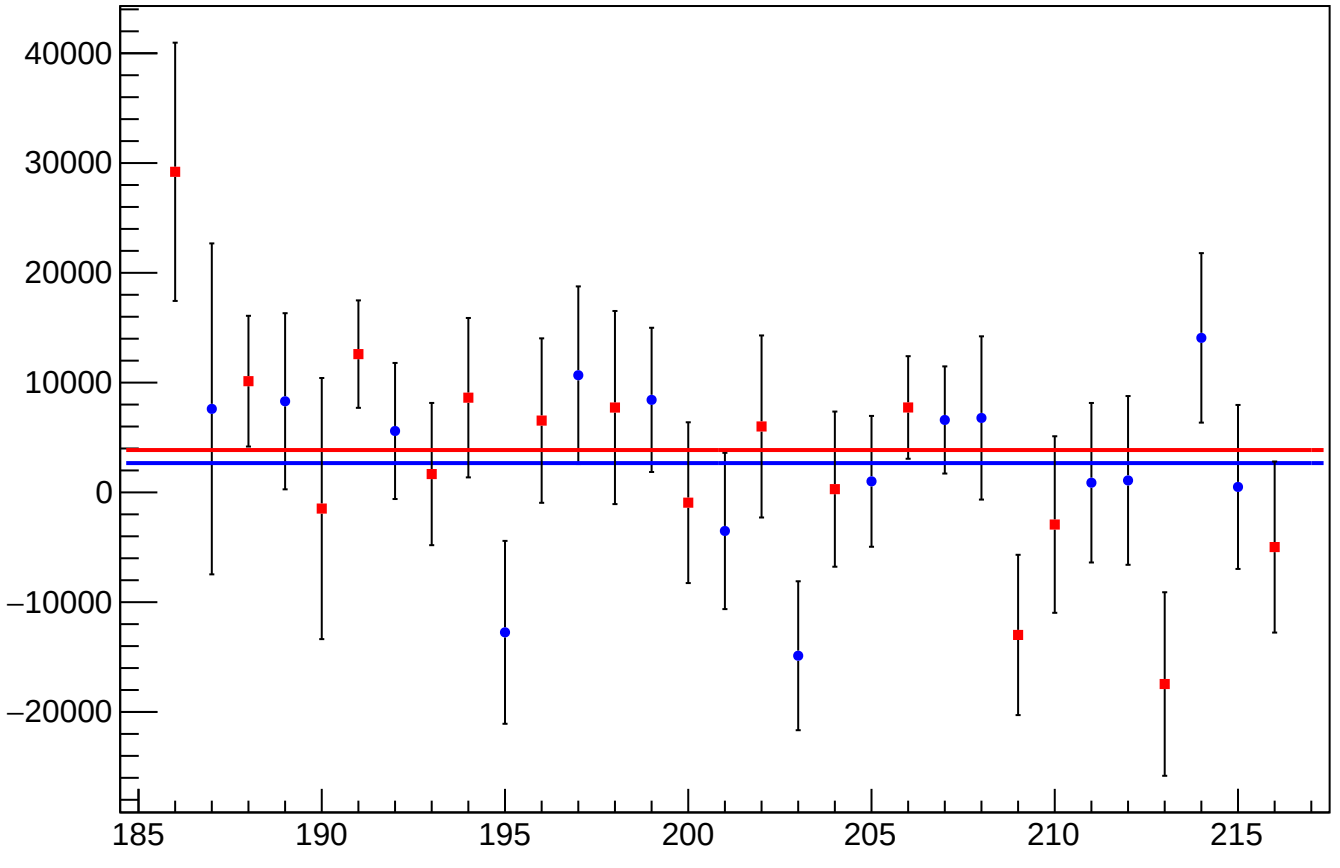
Right Out: 1470.533+/-0.273 χ^2/NDF: 5828296.8/34

Left In: 5214.120+/-0.898 χ^2/NDF:1052501.5/22

+ sign 1785.769+/-0.259 χ^2/NDF: 23533664.0/56

All: 1785.999+/-0.184 χ^2/NDF: 46326385.5/1

- sign 1786.232+/-0.261 χ^2/NDF: 22792719.9/57



Right In: 2669.113+/-1828.437 χ^2/NDF: 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3858.327+/-1762.712 χ^2/NDF: 25.3/15

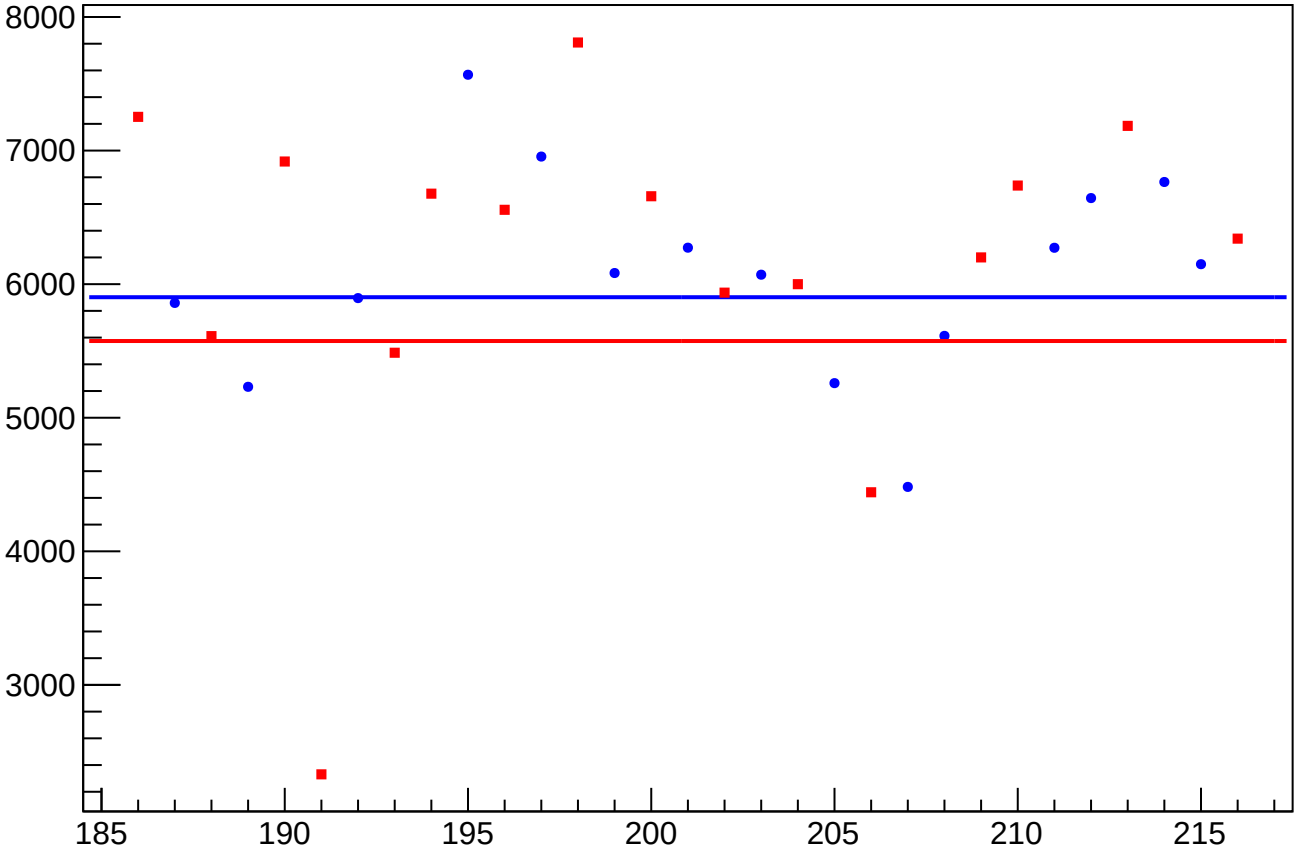
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3285.478+/-1269.025 χ^2/NDF: 42.3/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5902.293+/-1.293 χ^2/NDF: 382658.3/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5574.346+/-1.246 χ^2/NDF: 1477588.8/15

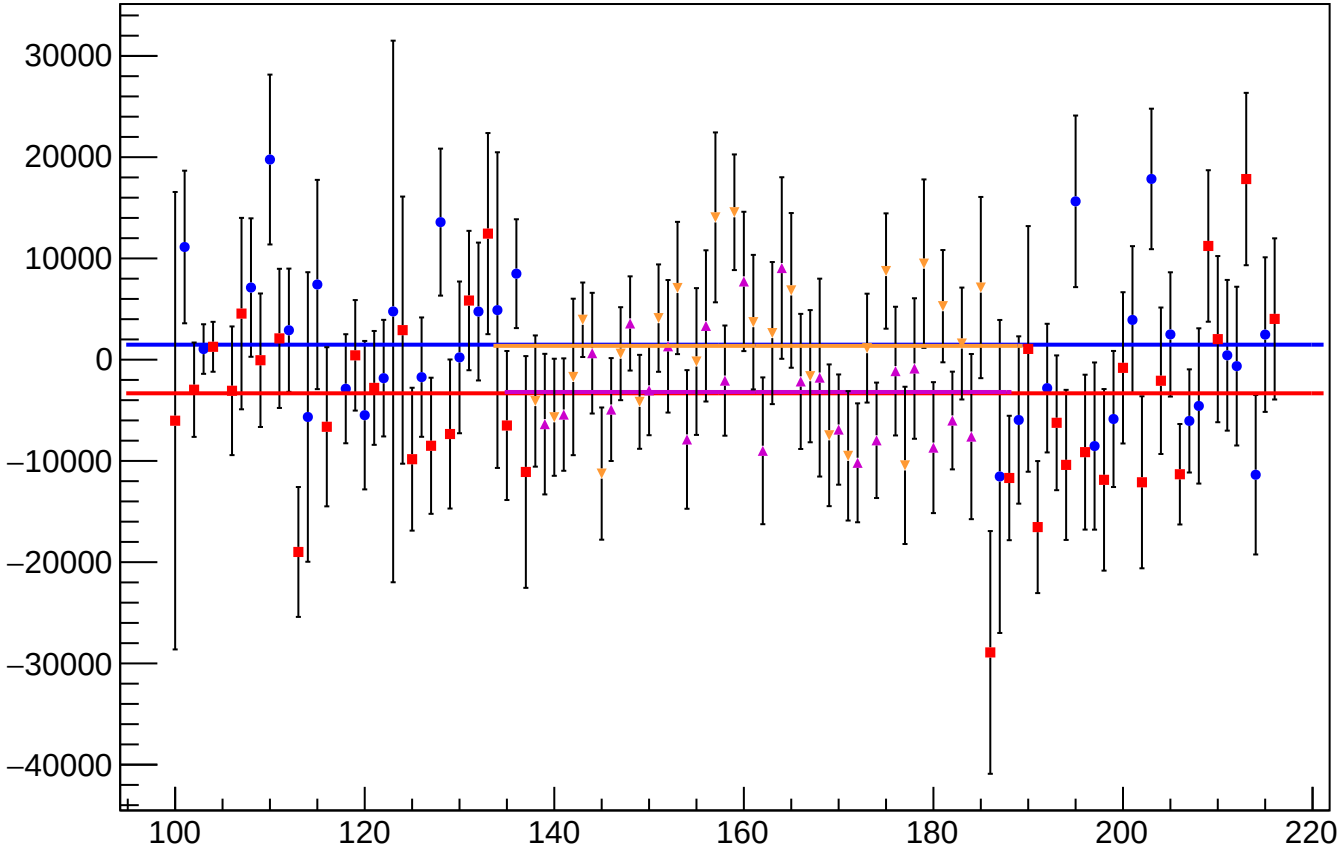
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5732.319+/-0.897 χ^2/NDF: 1893594.1/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1481.399+/-1150.579 χ^2/NDF: 33.4/31

Left Out: 1365.082+/-1206.268 χ^2/NDF:28.0/24

Right Out: -3321.437+/-1111.125 χ^2/NDF: 46.9/34

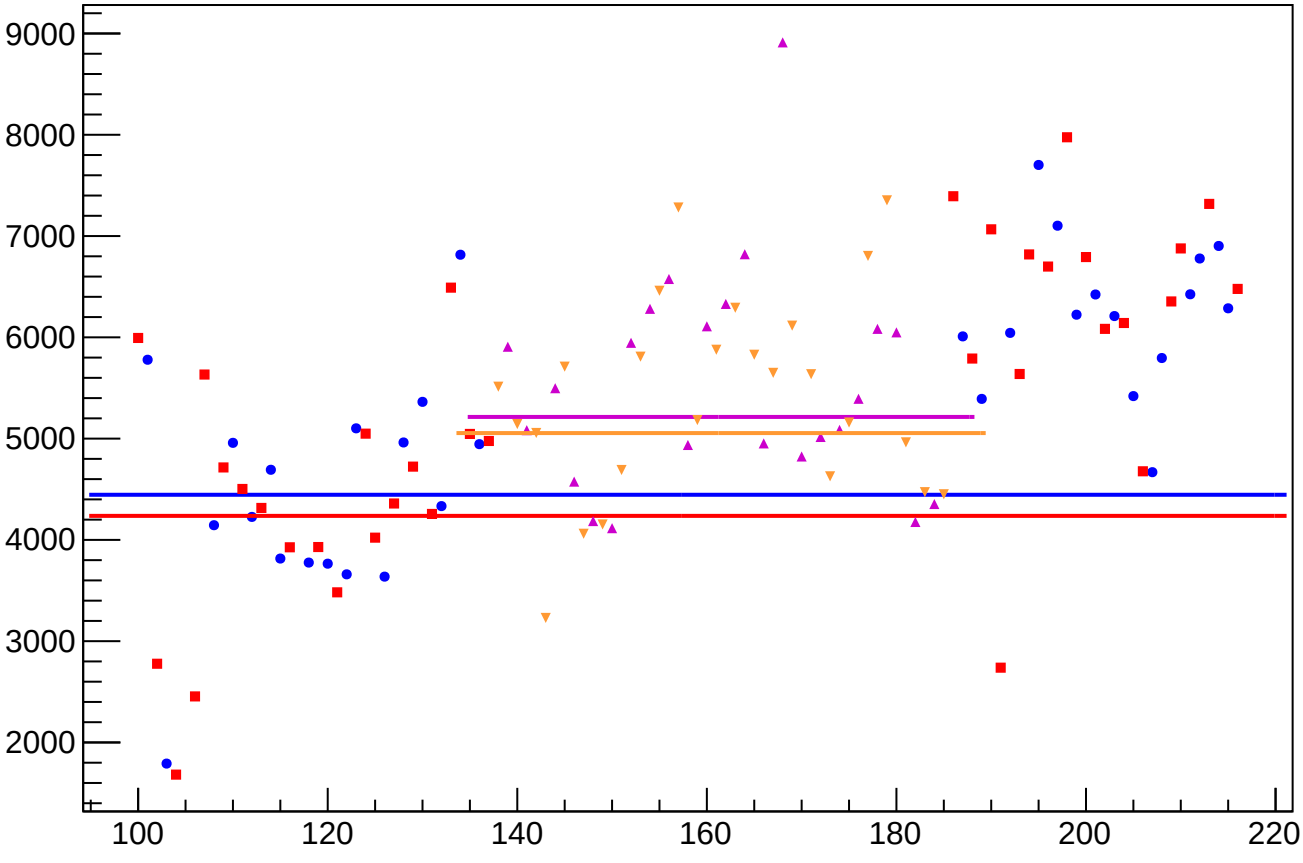
Left In: -3191.160+/-1270.021 χ^2/NDF:14.0/22

+ sign 1425.987+/-832.574 χ^2/NDF: 61.4/56

All: -909.139+/-590.015 χ^2/NDF: 138.1/114

- sign -3264.953+/-836.254 χ^2/NDF: 60.9/57

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 4445.547+/-0.814 χ^2/NDF: 4500856.6/31

Left Out: 5054.711+/-0.853 χ^2/NDF:1437224.7/24

Right Out: 4237.212+/-0.781 χ^2/NDF: 5469580.3/34

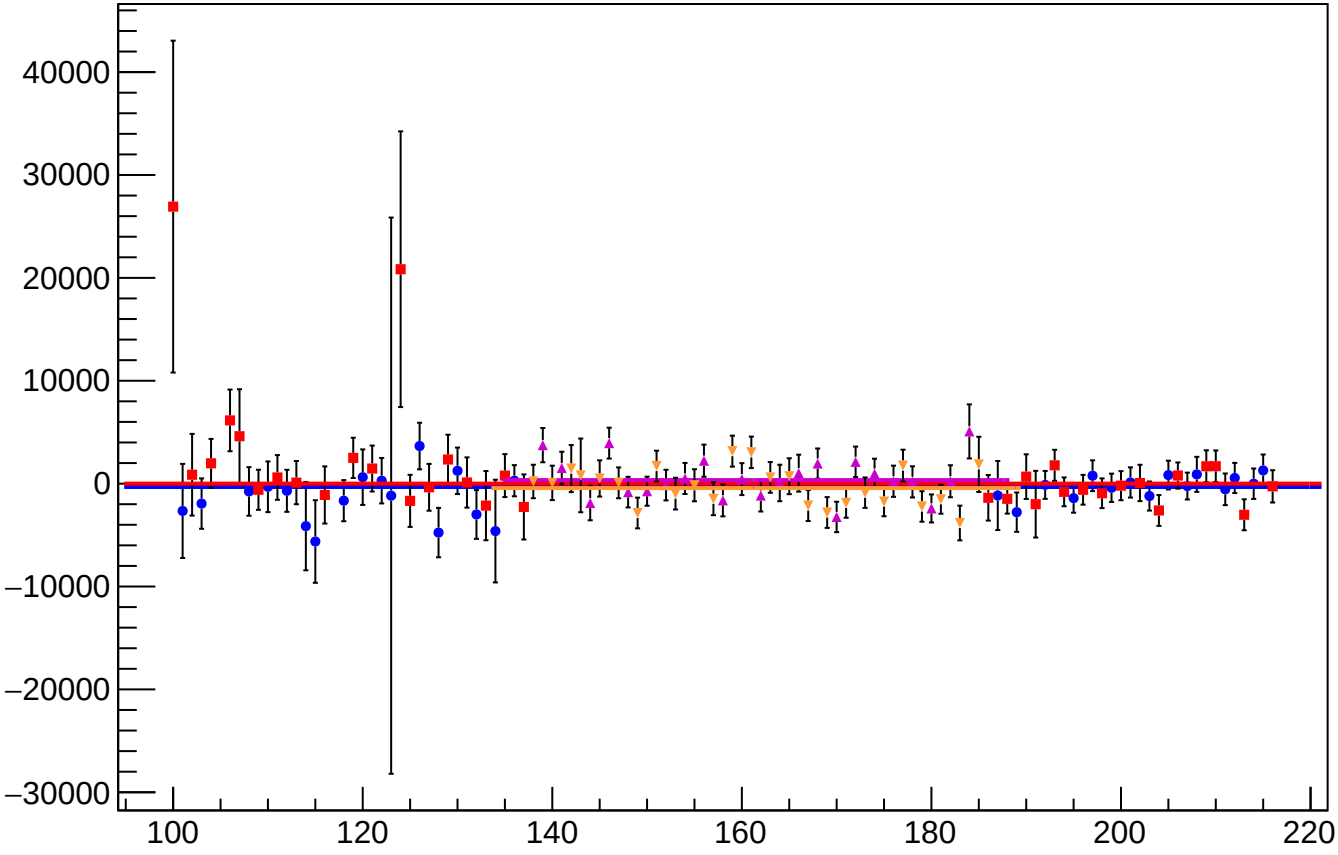
Left In: 5214.120+/-0.898 χ^2/NDF:1052501.5/22

+ sign 4735.739+/-0.589 χ^2/NDF: 6205154.9/56

All: 4696.860+/-0.416 χ^2/NDF: 13409731.1/1

- sign 4657.902+/-0.589 χ^2/NDF: 7195844.6/57

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -324.170+/-328.285 χ^2/NDF: 19.1/31

Left Out: -431.715+/-320.540 χ^2/NDF:33.1/24

Right Out: 0.836+/-328.272 χ^2/NDF: 30.2/34

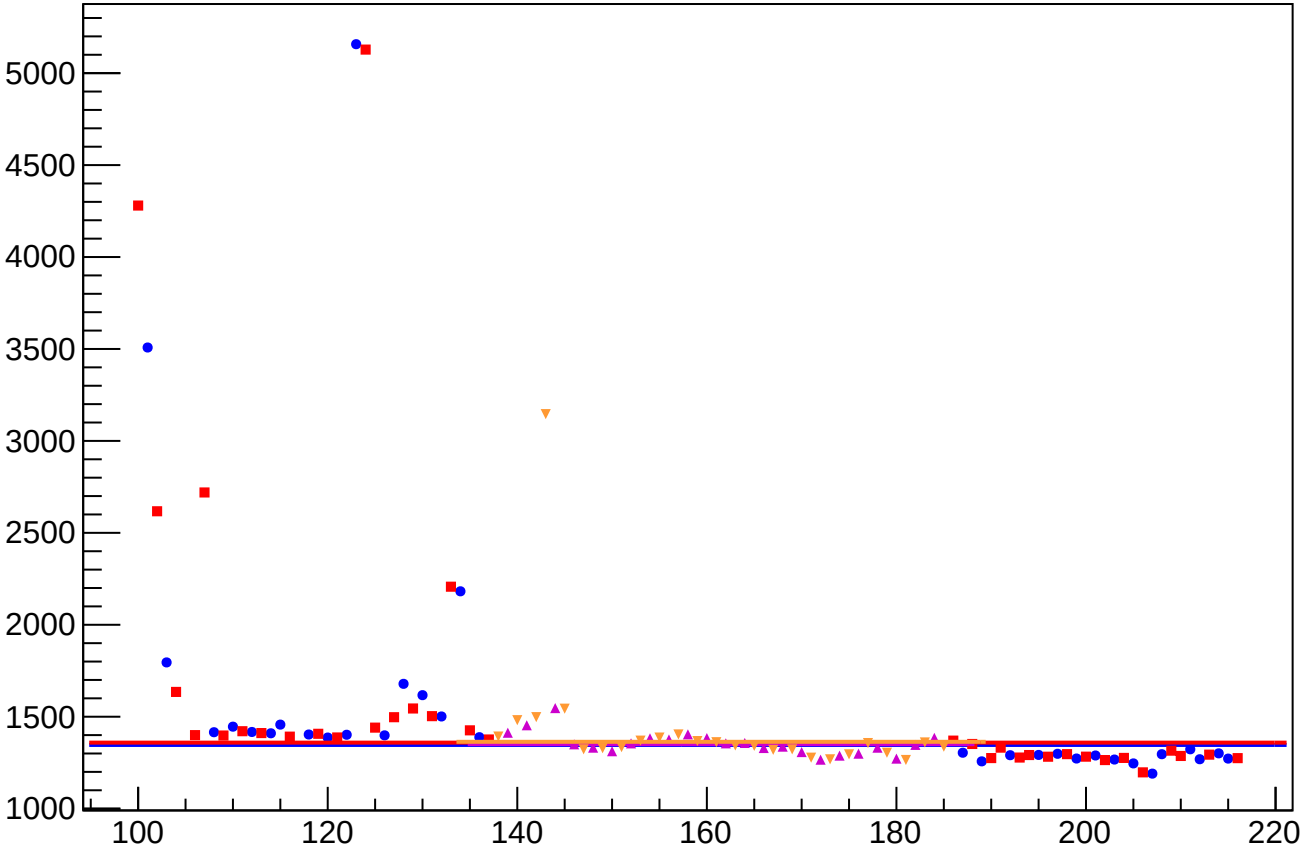
Left In: 343.737+/-324.368 χ^2/NDF:33.8/22

+ sign -379.226+/-229.345 χ^2/NDF: 52.3/56

All: -104.111+/-162.659 χ^2/NDF: 119.6/114

- sign 174.337+/-230.731 χ^2/NDF: 64.5/57

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1346.501+/-0.232 χ^2/NDF: 781691.6/31

Left Out: 1363.561+/-0.227 χ^2/NDF:575226.6/24

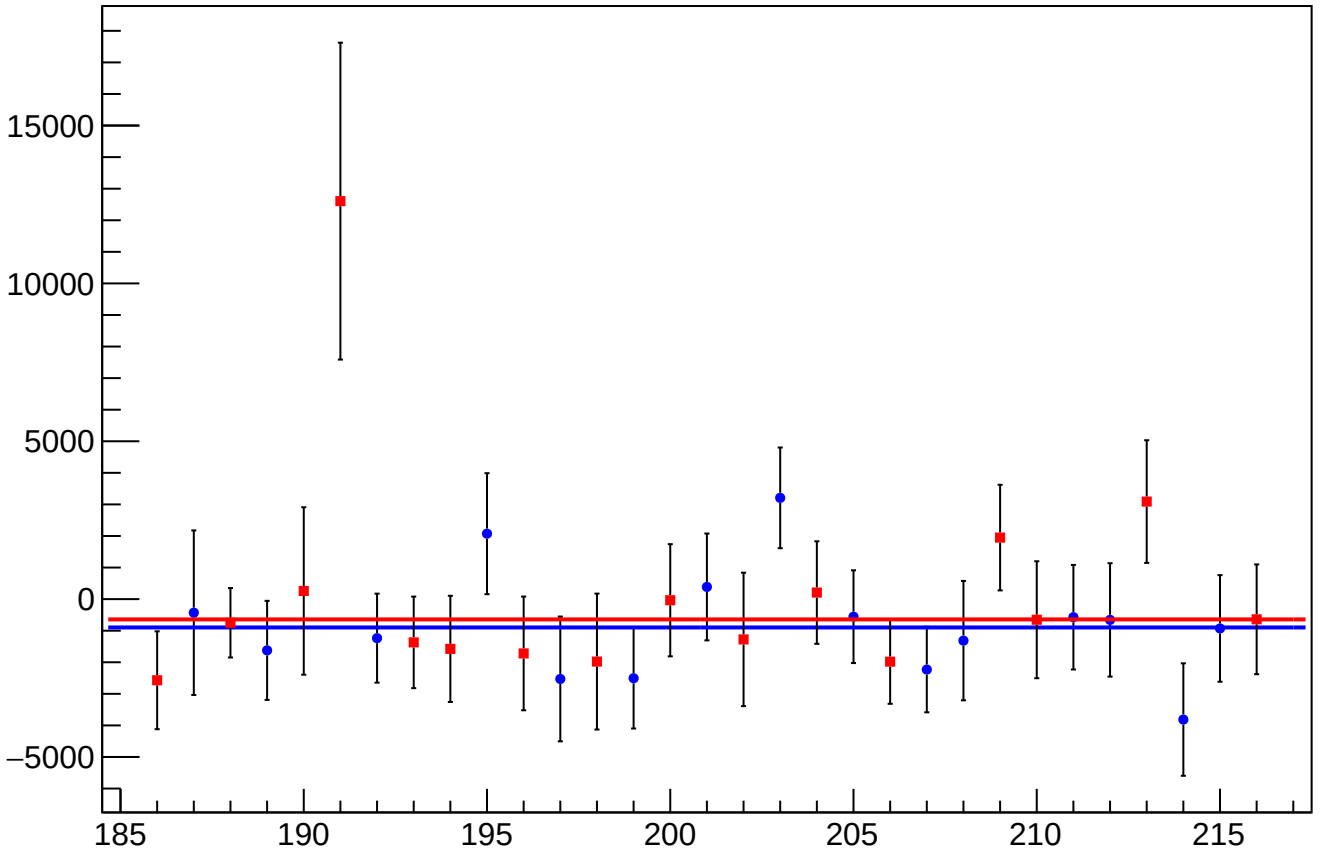
Right Out: 1359.082+/-0.232 χ^2/NDF: 880913.6/34

Left In: 1350.909+/-0.229 χ^2/NDF:67144.5/22

+ sign 1355.235+/-0.162 χ^2/NDF: 1359683.3/56

All: 1355.091+/-0.115 χ^2/NDF: 2308370.2/11

- sign 1354.946+/-0.163 χ^2/NDF: 948685.4/57



Right In: -897.613+/-432.317 χ^2/NDF: 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -642.330+/-426.226 χ^2/NDF: 17.5/15

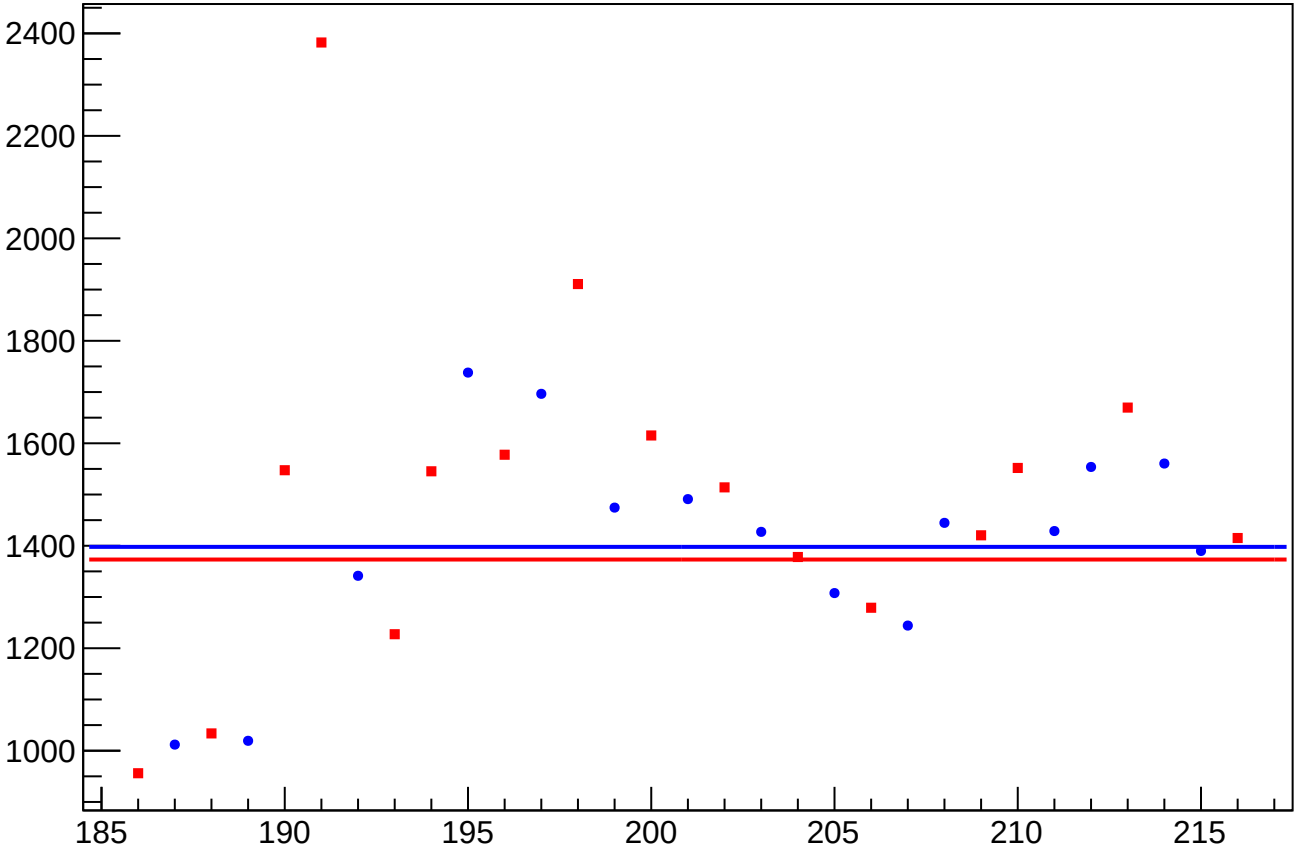
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -768.160+/-303.518 χ^2/NDF: 33.1/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1397.840+/-0.306 χ^2/NDF: 350547.5/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1373.139+/-0.301 χ^2/NDF: 740585.2/15

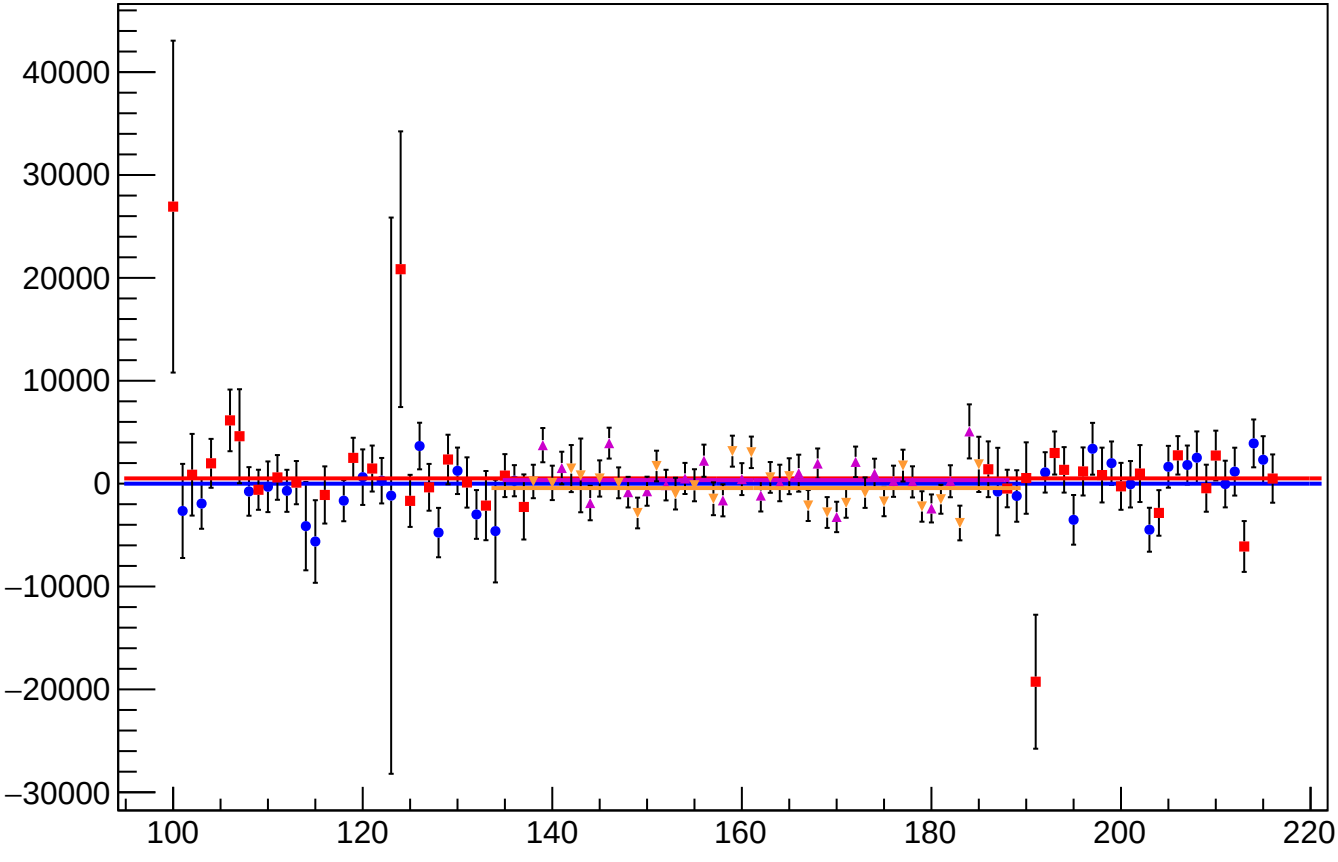
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1385.314+/-0.215 χ^2/NDF: 1094443.6/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -3.701+/-422.631 χ^2/NDF: 30.6/31

Left Out: -431.715+/-320.540 χ^2/NDF:33.1/24

Right Out: 508.515+/-421.459 χ^2/NDF: 37.8/34

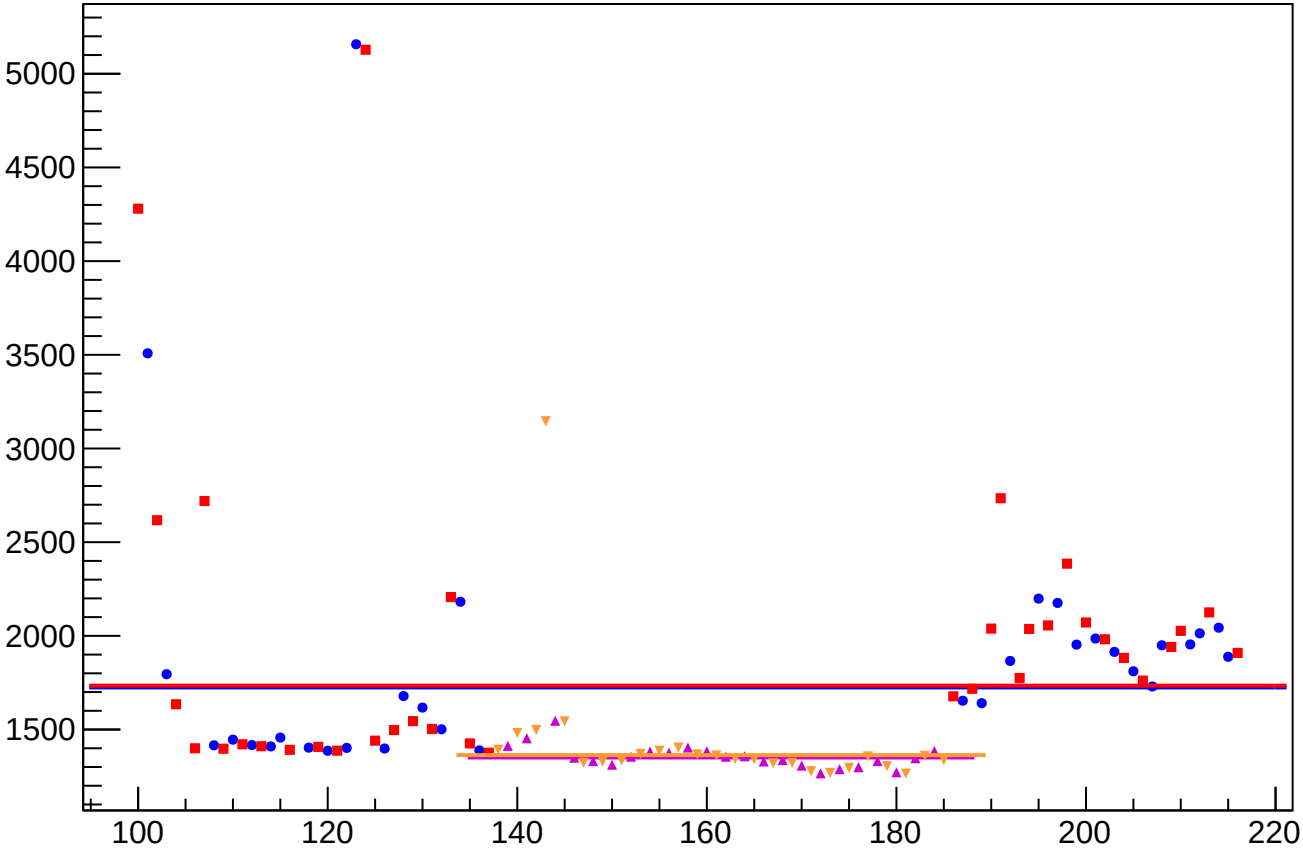
Left In: 343.737+/-324.368 χ^2/NDF:33.8/22

\+ sign -275.416+/-255.394 χ^2/NDF: 64.3/56

All: 62.606+/-181.174 χ^2/NDF: 139.6/114

\- sign 405.033+/-257.052 χ^2/NDF: 71.7/57

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1724.760+/-0.299 χ^2/NDF: 1106630.6/31

Left Out: 1363.561+/-0.227 χ^2/NDF:575226.6/24

Right Out: 1734.265+/-0.298 χ^2/NDF: 1304081.2/34

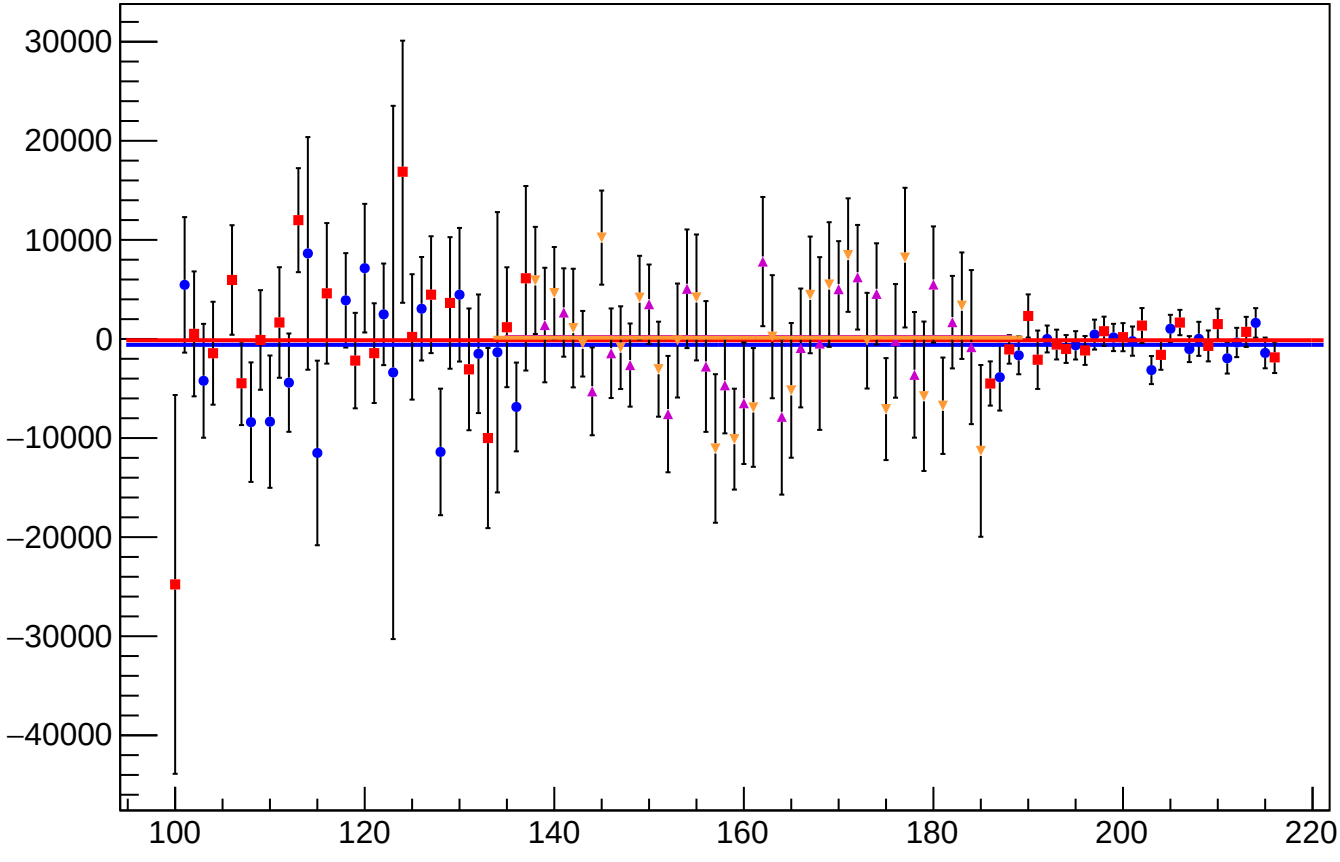
Left In: 1350.909+/-0.229 χ^2/NDF:67144.5/22

+ sign 1495.461+/-0.181 χ^2/NDF: 2609237.0/56

All: 1494.494+/-0.128 χ^2/NDF: 5019704.9/11

- sign 1493.515+/-0.182 χ^2/NDF: 2410410.2/57

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -593.407+/-380.142 χ^2/NDF: 25.7/31

Left Out: 132.142+/-1065.543 χ^2/NDF:28.1/24

Right Out: -129.208+/-379.442 χ^2/NDF: 28.3/34

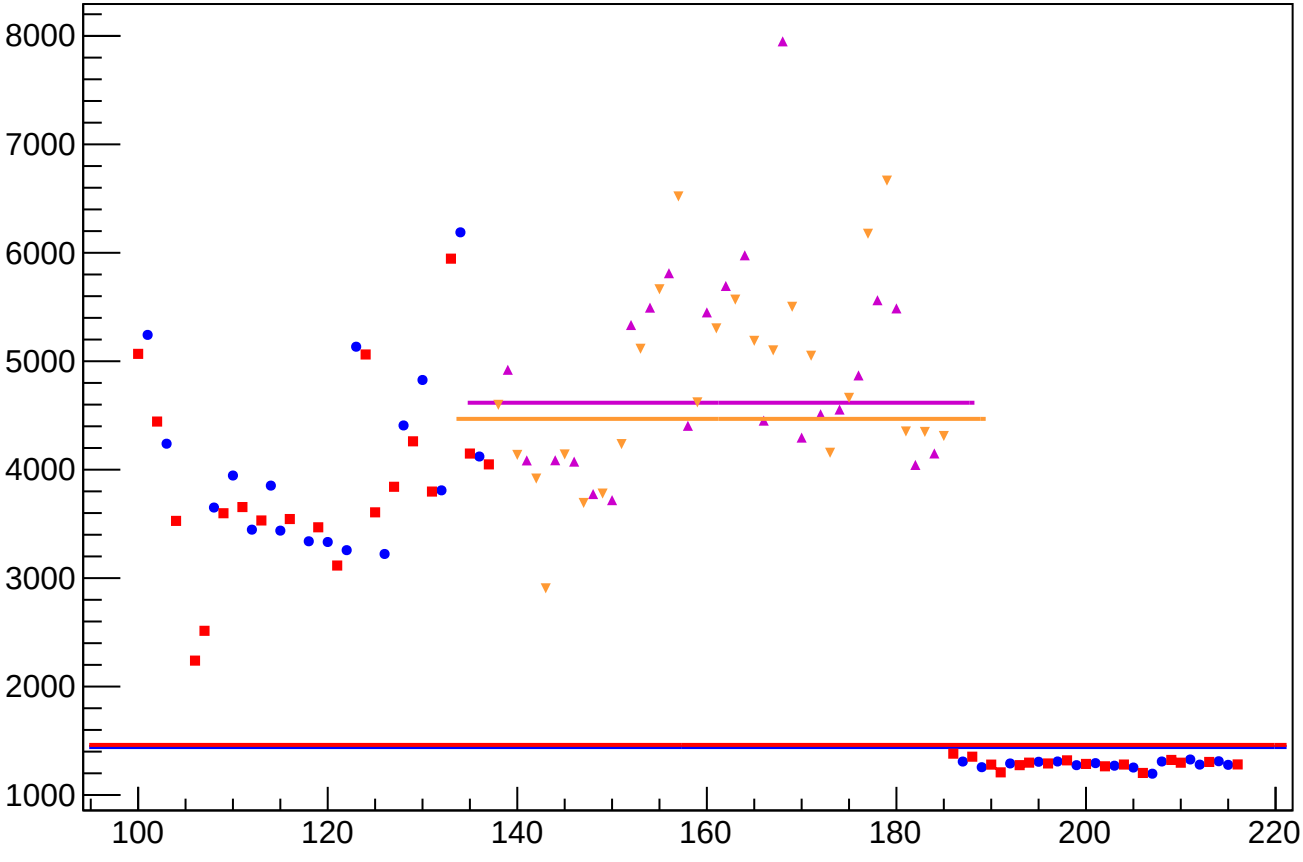
Left In: 200.182+/-1123.499 χ^2/NDF:14.7/22

+ sign -511.487+/-358.040 χ^2/NDF: 54.2/56

All: -304.328+/-253.684 χ^2/NDF: 98.1/114

- sign -95.483+/-359.493 χ^2/NDF: 43.2/57

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1442.016+/-0.269 χ^2/NDF: 5692013.4/31

Left Out: 4468.520+/-0.753 χ^2/NDF:1380601.0/24

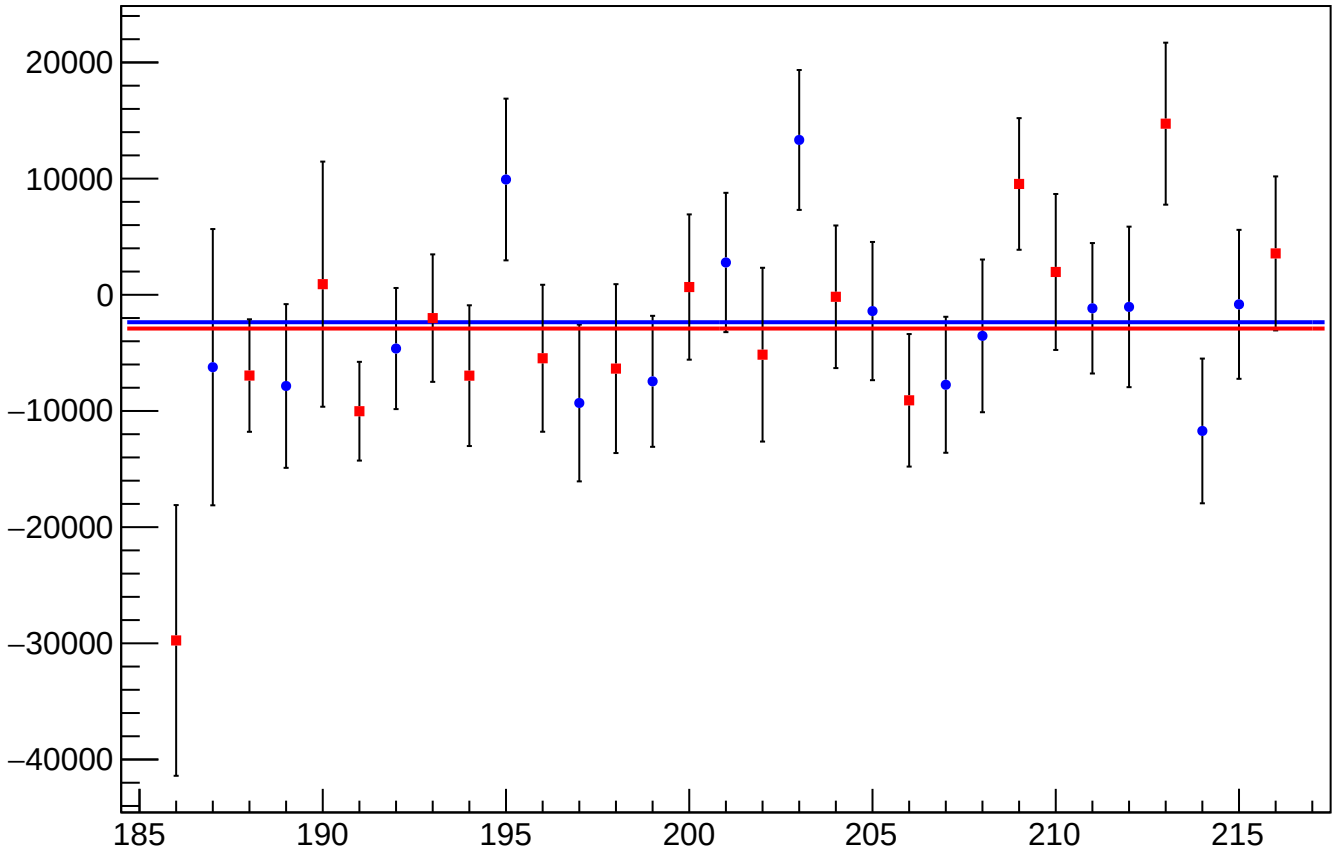
Right Out: 1461.966+/-0.268 χ^2/NDF: 5509869.9/34

Left In: 4617.293+/-0.794 χ^2/NDF:999599.8/22

+ sign 1783.728+/-0.253 χ^2/NDF: 21385923.7/56

All: 1784.171+/-0.179 χ^2/NDF: 42057435.6/1

- sign 1784.617+/-0.254 χ^2/NDF: 20671505.8/57



Right In: -2359.880+/-1628.997 χ^2/NDF: 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

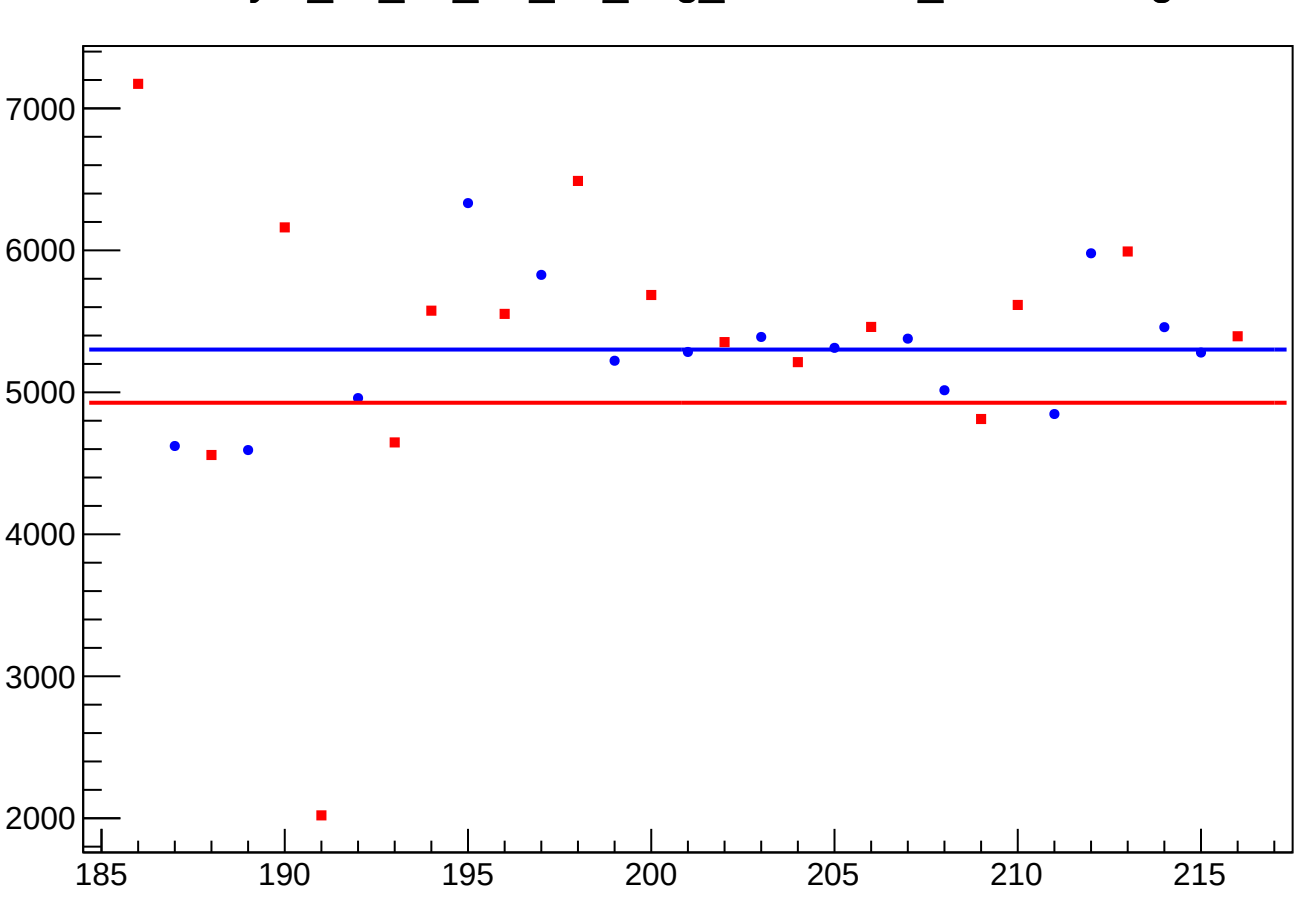
Right Out: -2905.221+/-1550.147 χ^2/NDF: 24.3/15

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2646.067+/-1122.961 χ^2/NDF: 41.1/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5301.344+/-1.152 χ^2/NDF: 130035.3/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4926.634+/-1.096 χ^2/NDF: 1325176.1/15

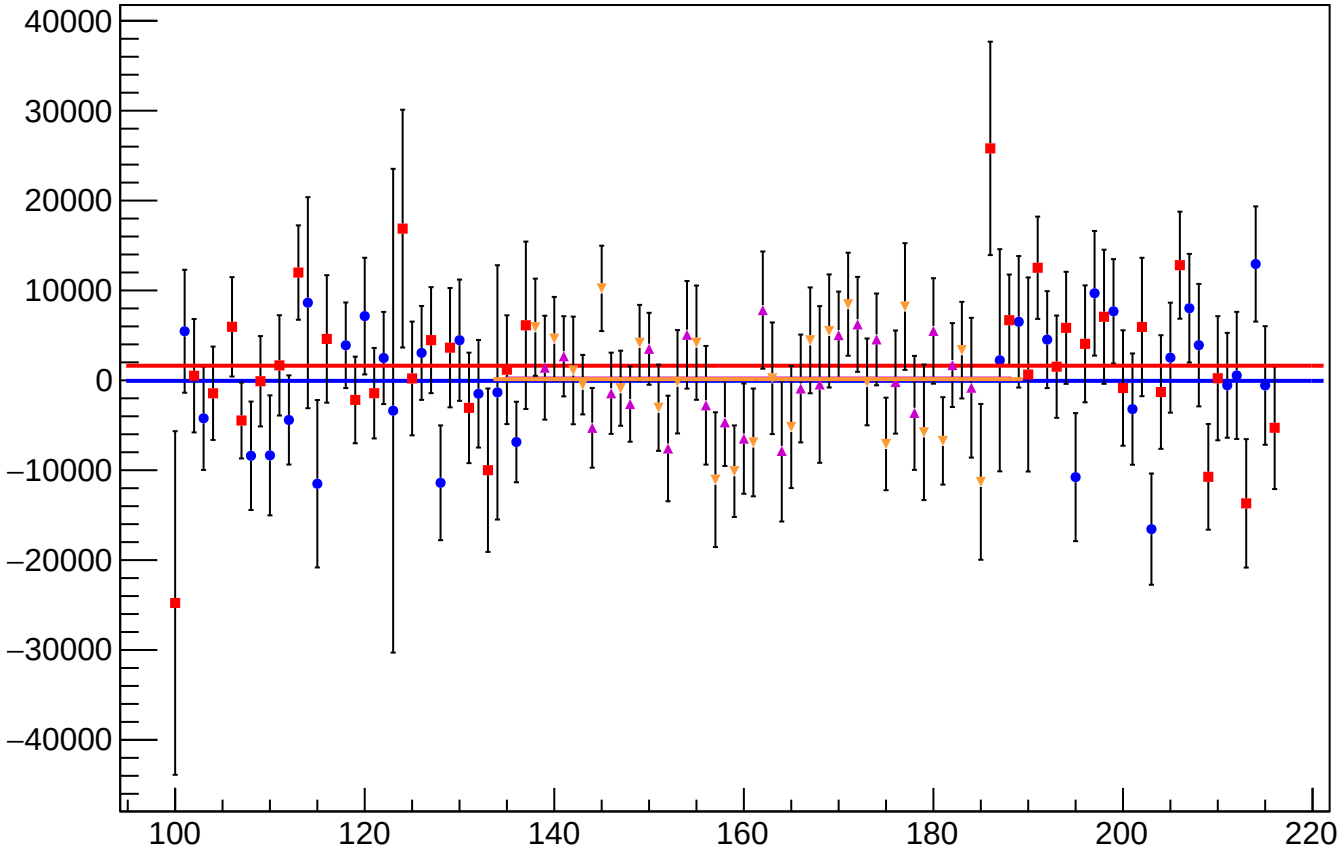
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5104.701+/-0.794 χ^2/NDF: 1510745.8/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -57.237+/-1126.178 χ^2/NDF: 37.4/31

Left Out: 132.142+/-1065.543 χ^2/NDF:28.1/24

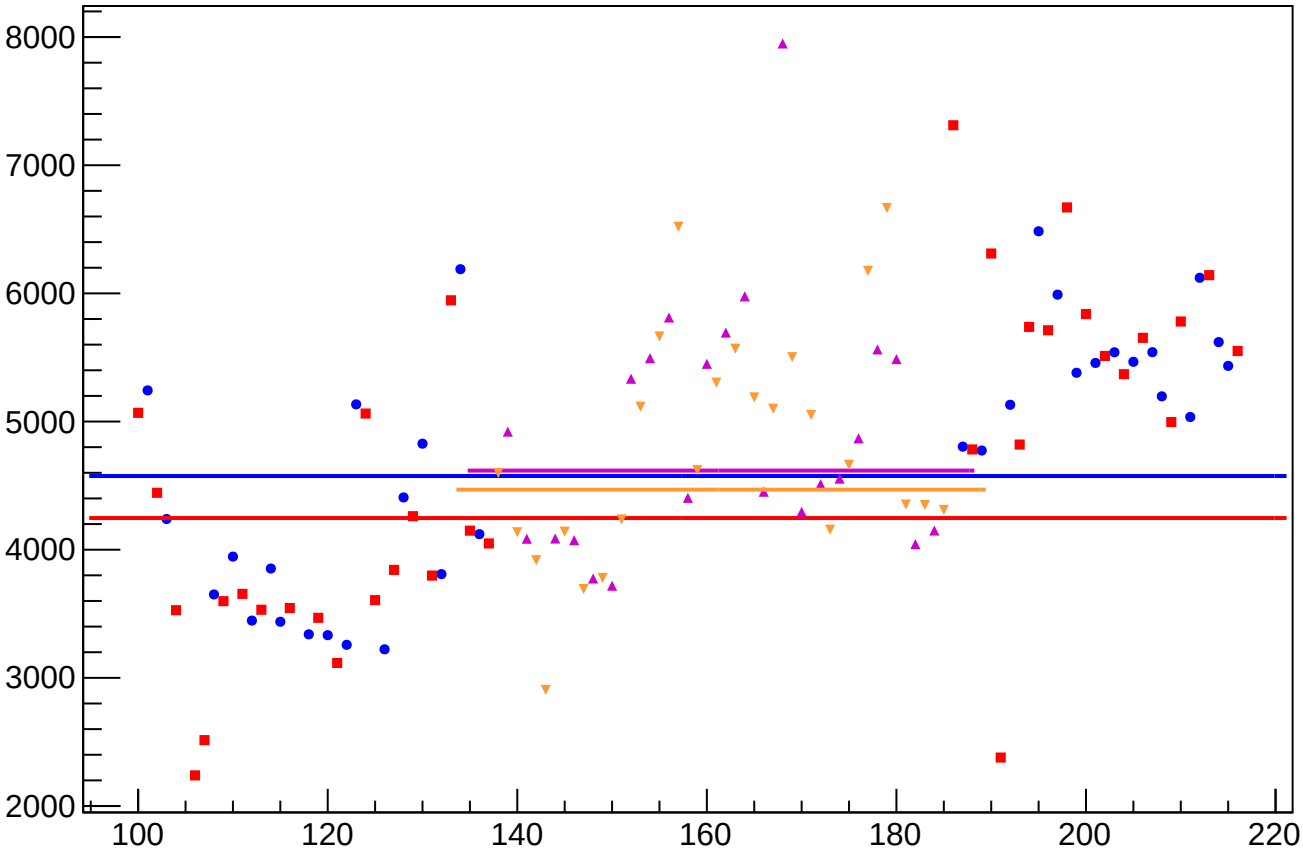
Right Out: 1626.956+/-1058.460 χ^2/NDF: 38.6/34

Left In: 200.182+/-1123.499 χ^2/NDF:14.7/22

+ sign 42.688+/-774.001 χ^2/NDF: 65.5/56

All: 501.497+/-546.028 χ^2/NDF: 120.3/114

- sign 956.060+/-770.412 χ^2/NDF: 54.2/57



Right In: 4574.917+/-0.796 χ^2/NDF: 1473094.4/31

Left Out: 4468.520+/-0.753 χ^2/NDF:1380601.0/24

Right Out: 4247.068+/-0.744 χ^2/NDF: 2695550.6/34

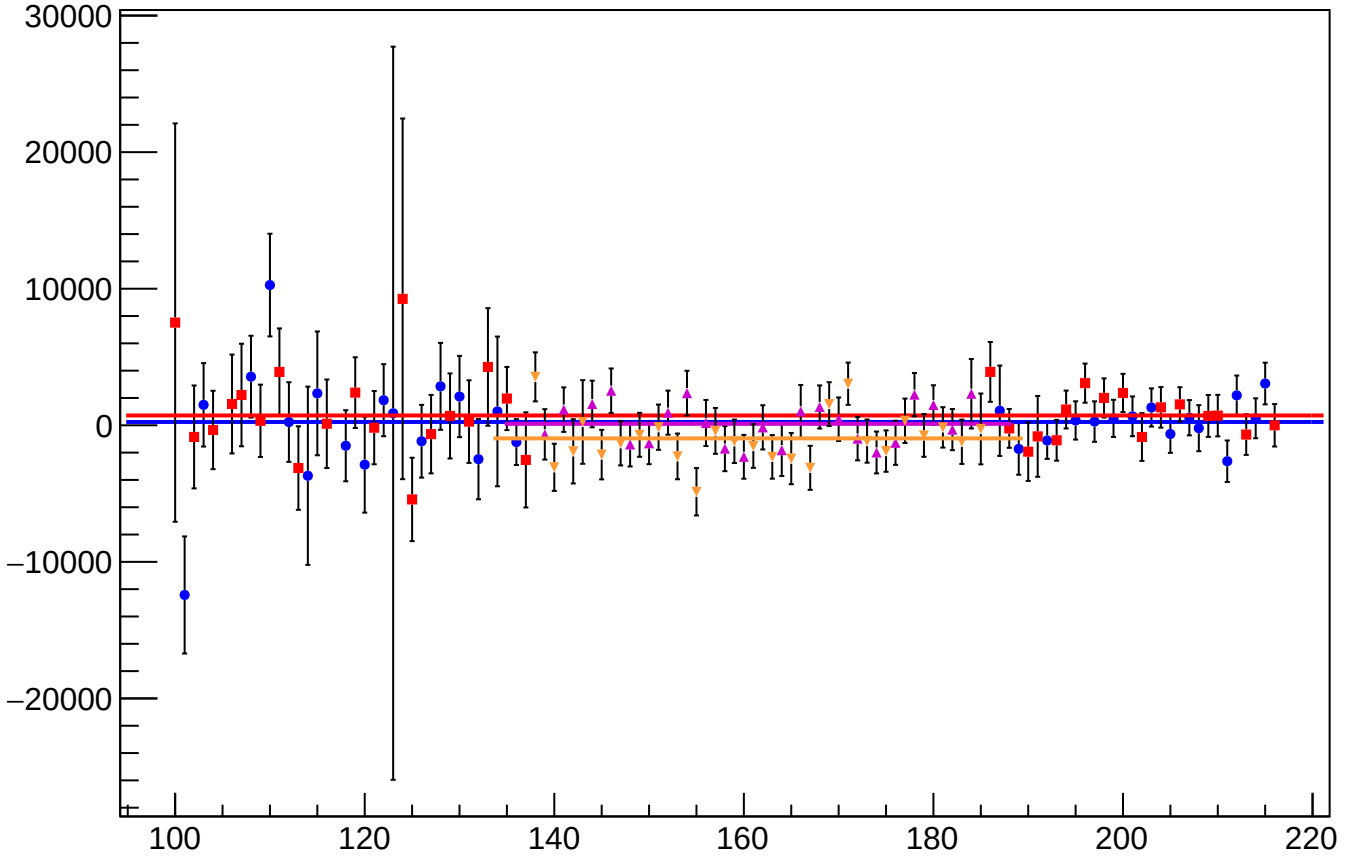
Left In: 4617.293+/-0.794 χ^2/NDF:999599.8/22

+ sign 4518.778+/-0.547 χ^2/NDF: 2863114.8/56

All: 4469.096+/-0.386 χ^2/NDF: 6690265.5/11

- sign 4420.156+/-0.543 χ^2/NDF: 3810793.2/57

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 244.184+/-343.838 χ^2/NDF: 34.6/31

Left Out: -958.410+/-339.496 χ^2/NDF:28.5/24

Right Out: 719.178+/-343.533 χ^2/NDF: 23.8/34

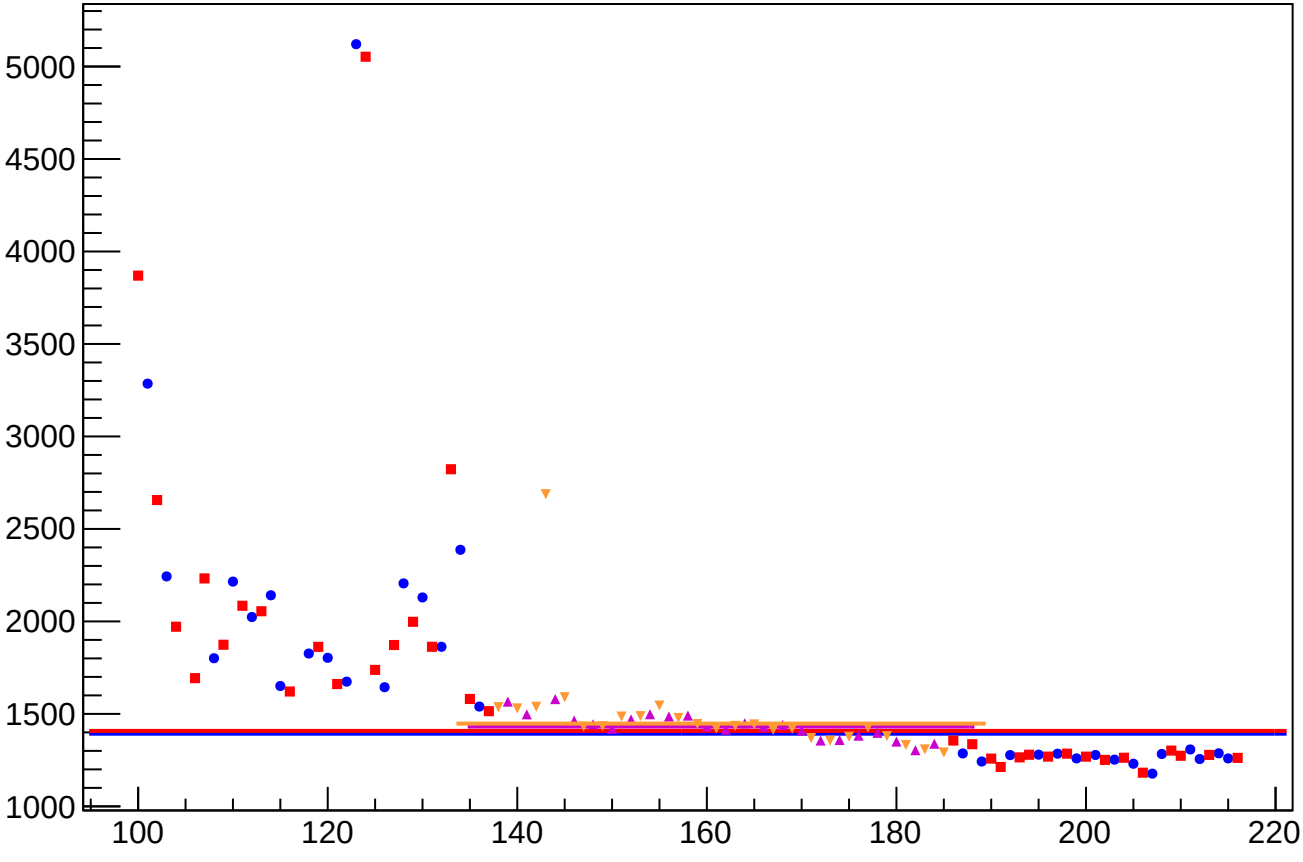
Left In: 107.512+/-343.663 χ^2/NDF:19.5/22

+ sign -364.753+/-241.580 χ^2/NDF: 69.4/56

All: 22.137+/-171.309 χ^2/NDF: 119.4/114

- sign 413.461+/-242.960 χ^2/NDF: 44.9/57

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1393.016+/-0.243 χ^2/NDF: 1598790.1/31

Left Out: 1447.554+/-0.240 χ^2/NDF:419254.7/24

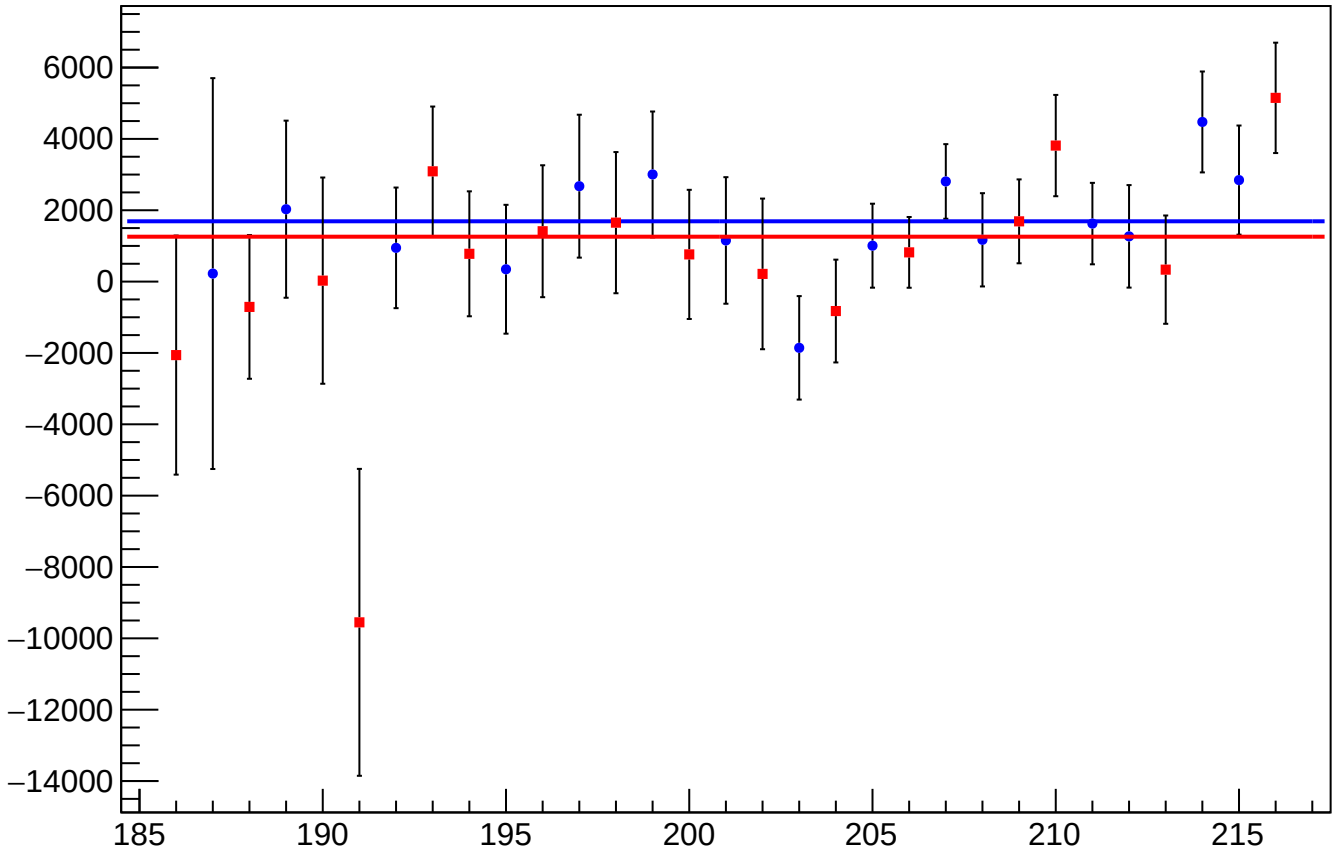
Right Out: 1408.094+/-0.243 χ^2/NDF: 1638050.6/34

Left In: 1431.456+/-0.243 χ^2/NDF:75130.4/22

+ sign 1420.632+/-0.171 χ^2/NDF: 2043523.6/56

All: 1420.204+/-0.121 χ^2/NDF: 3761340.0/11

- sign 1419.770+/-0.172 χ^2/NDF: 1717803.7/57



Right In: 1690.450+/-388.754 χ^2/NDF: 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1258.562+/-415.756 χ^2/NDF: 22.2/15

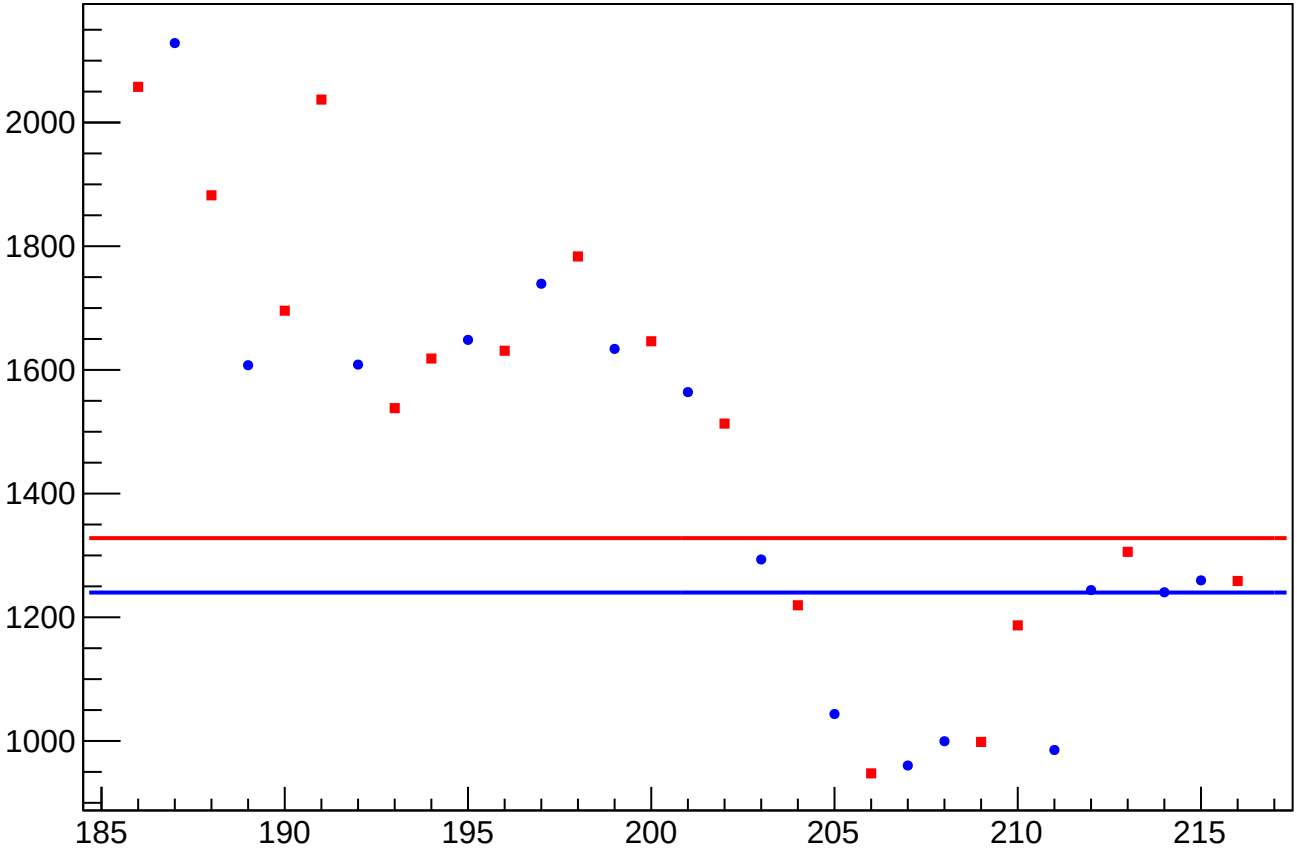
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1488.985+/-283.957 χ^2/NDF: 36.7/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1240.021+/-0.275 χ^2/NDF: 953622.7/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1328.014+/-0.294 χ^2/NDF: 1138395.3/15

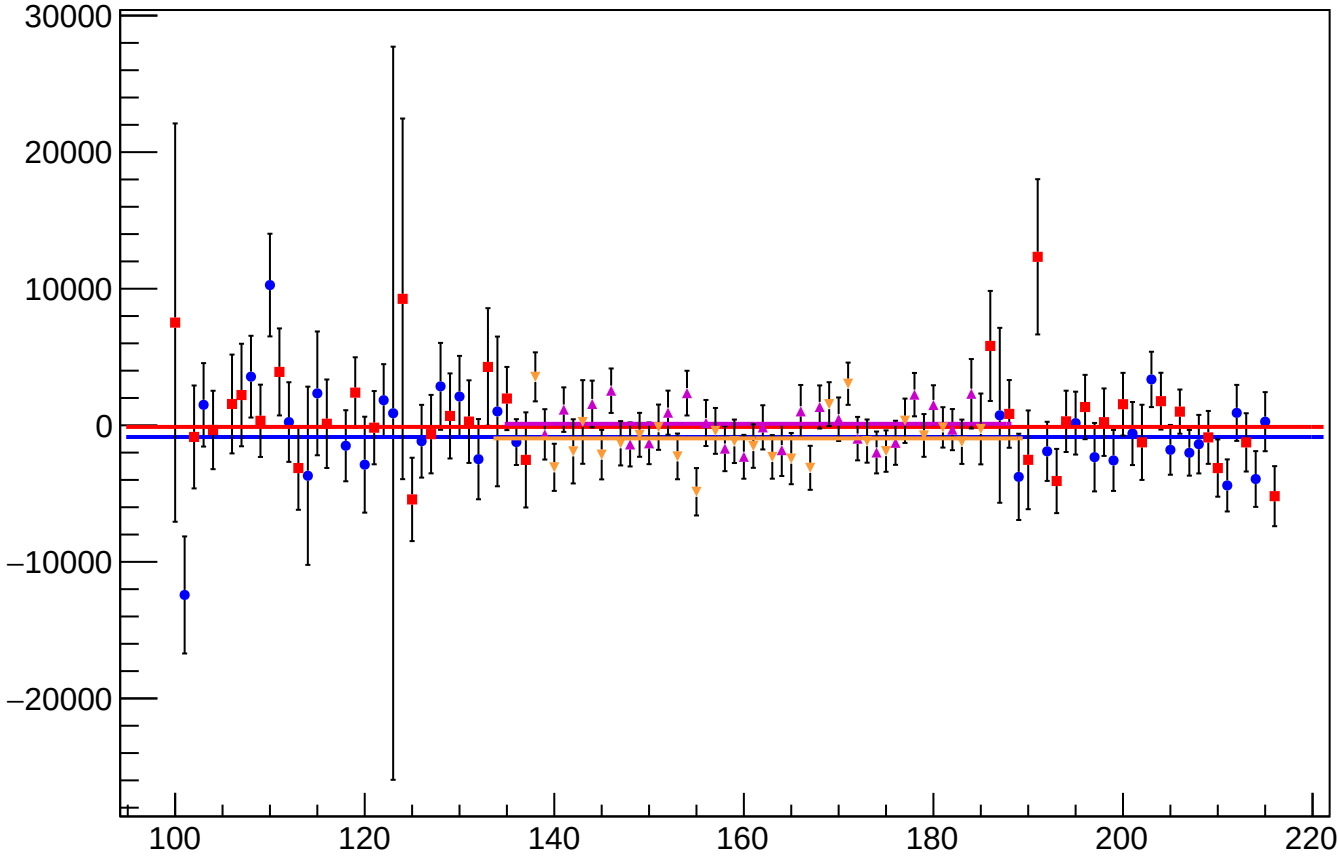
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1281.067+/-0.201 χ^2/NDF: 2139815.1/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -858.455+/-450.598 χ^2/NDF: 38.1/31

Left Out: -958.410+/-339.496 χ^2/NDF:28.5/24

Right Out: -119.432+/-458.561 χ^2/NDF: 31.1/34

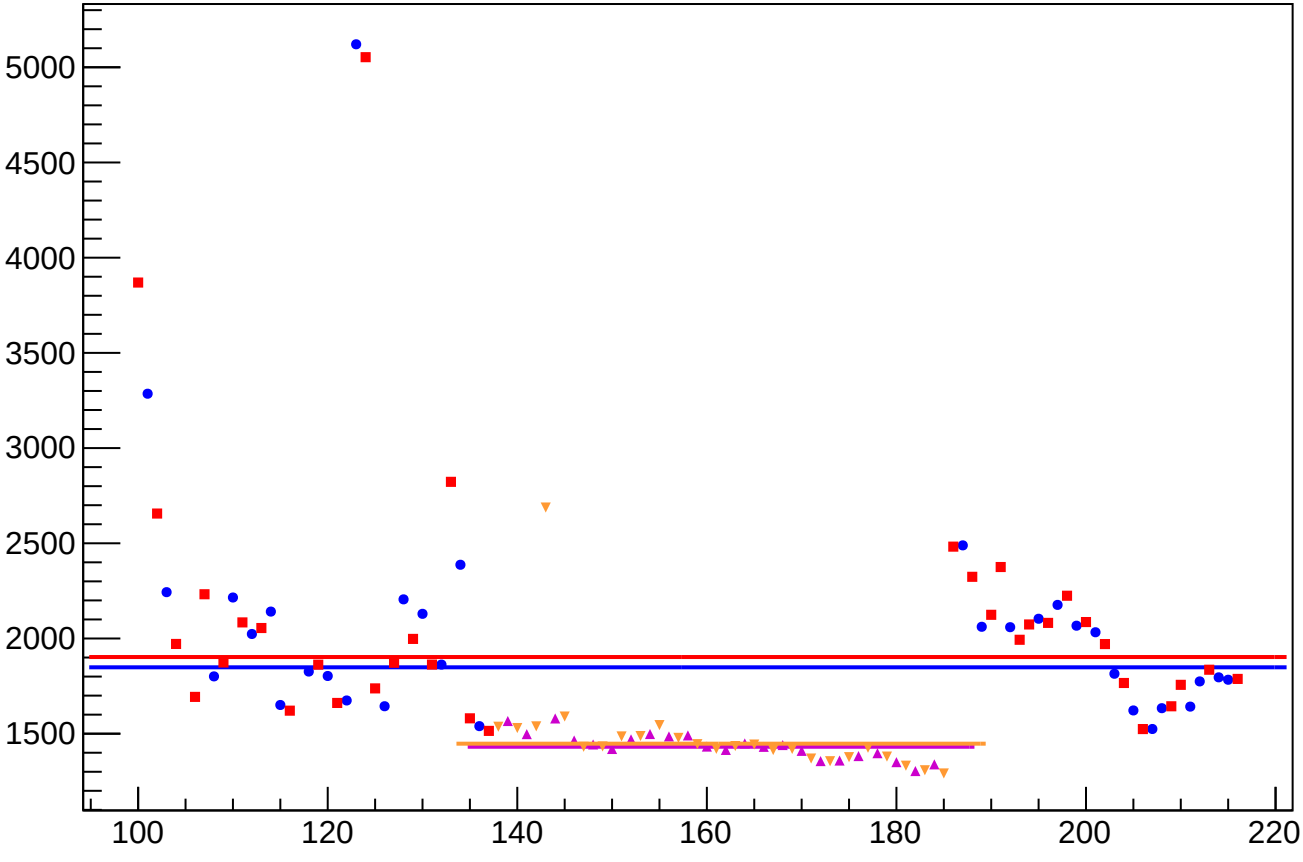
Left In: 107.512+/-343.663 χ^2/NDF:19.5/22

+ sign -922.216+/-271.149 χ^2/NDF: 66.6/56

All: -454.854+/-193.080 χ^2/NDF: 123.4/114

- sign 25.891+/-275.004 χ^2/NDF: 50.7/57

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1848.653+/-0.319 χ^2/NDF: 768205.5/31

Left Out: 1447.554+/-0.240 χ^2/NDF:419254.7/24

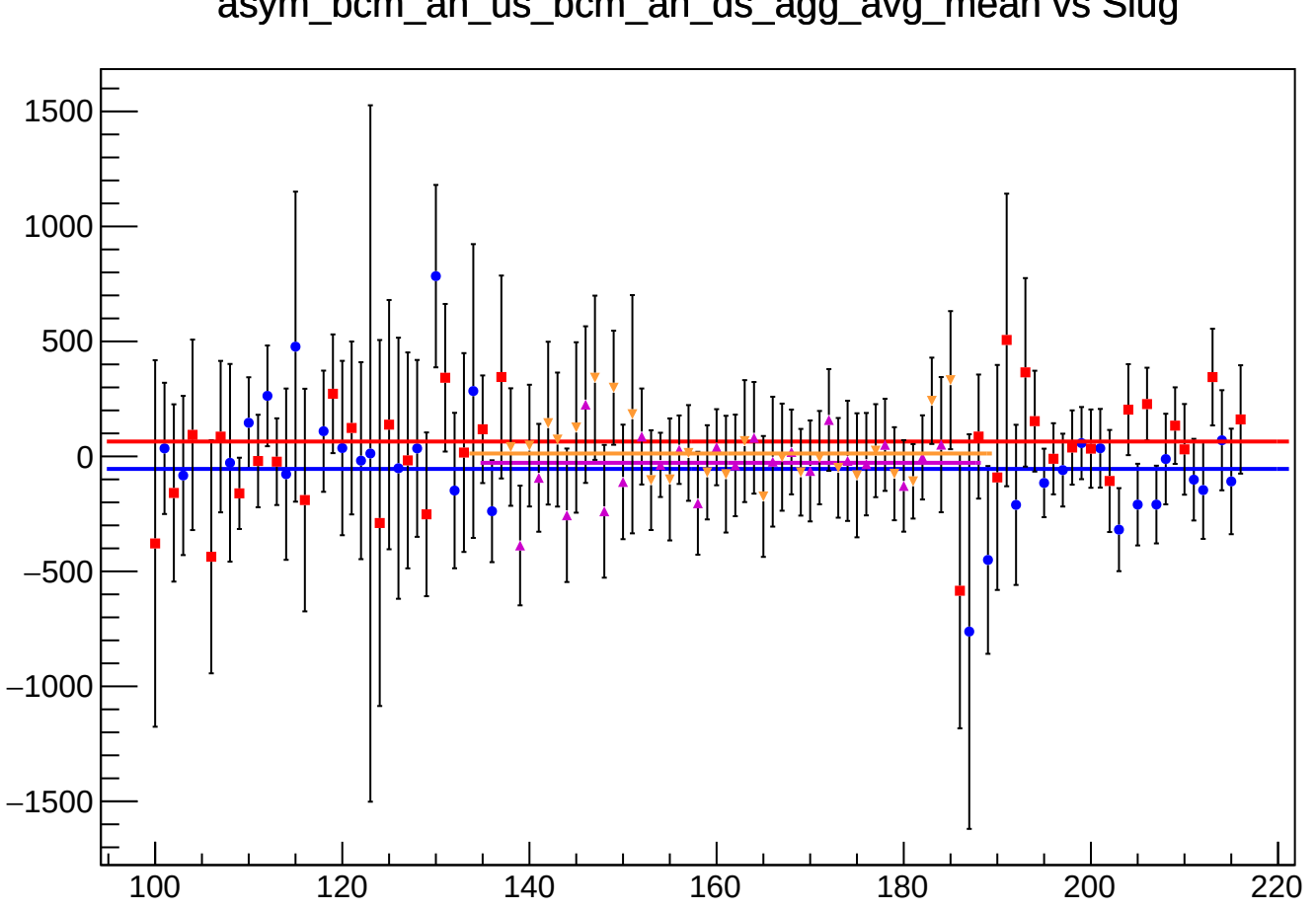
Right Out: 1902.638+/-0.324 χ^2/NDF: 825551.9/34

Left In: 1431.456+/-0.243 χ^2/NDF:75130.4/22

+ sign 1592.796+/-0.192 χ^2/NDF: 2198343.6/56

All: 1596.801+/-0.137 χ^2/NDF: 4452088.8/11

- sign 1600.920+/-0.194 χ^2/NDF: 2252860.1/57



Right In: -54.547+/-42.662 χ^2/NDF: 17.1/31

Left Out: 12.618+/-47.486 χ^2/NDF:7.7/24

Right Out: 64.676+/-42.376 χ^2/NDF: 14.4/34

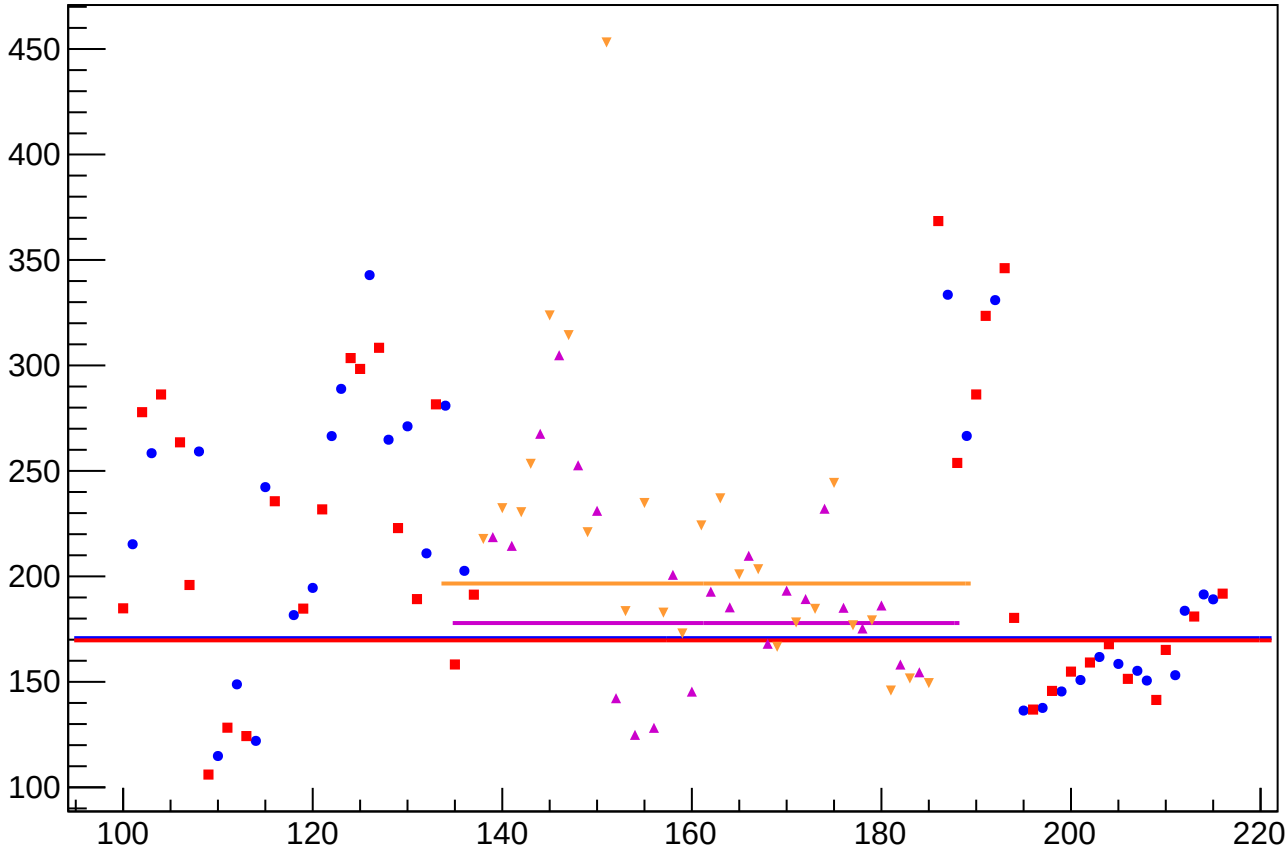
Left In: -27.921+/-44.523 χ^2/NDF:6.5/22

+ sign -24.548+/-31.735 χ^2/NDF: 25.9/56

All: -1.189+/-22.063 χ^2/NDF: 50.1/114

- sign 20.665+/-30.695 χ^2/NDF: 23.2/57

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 170.722+/-0.030 χ^2/NDF: 2170296.7/31

Left Out: 196.620+/-0.034 χ^2/NDF:1793507.9/24

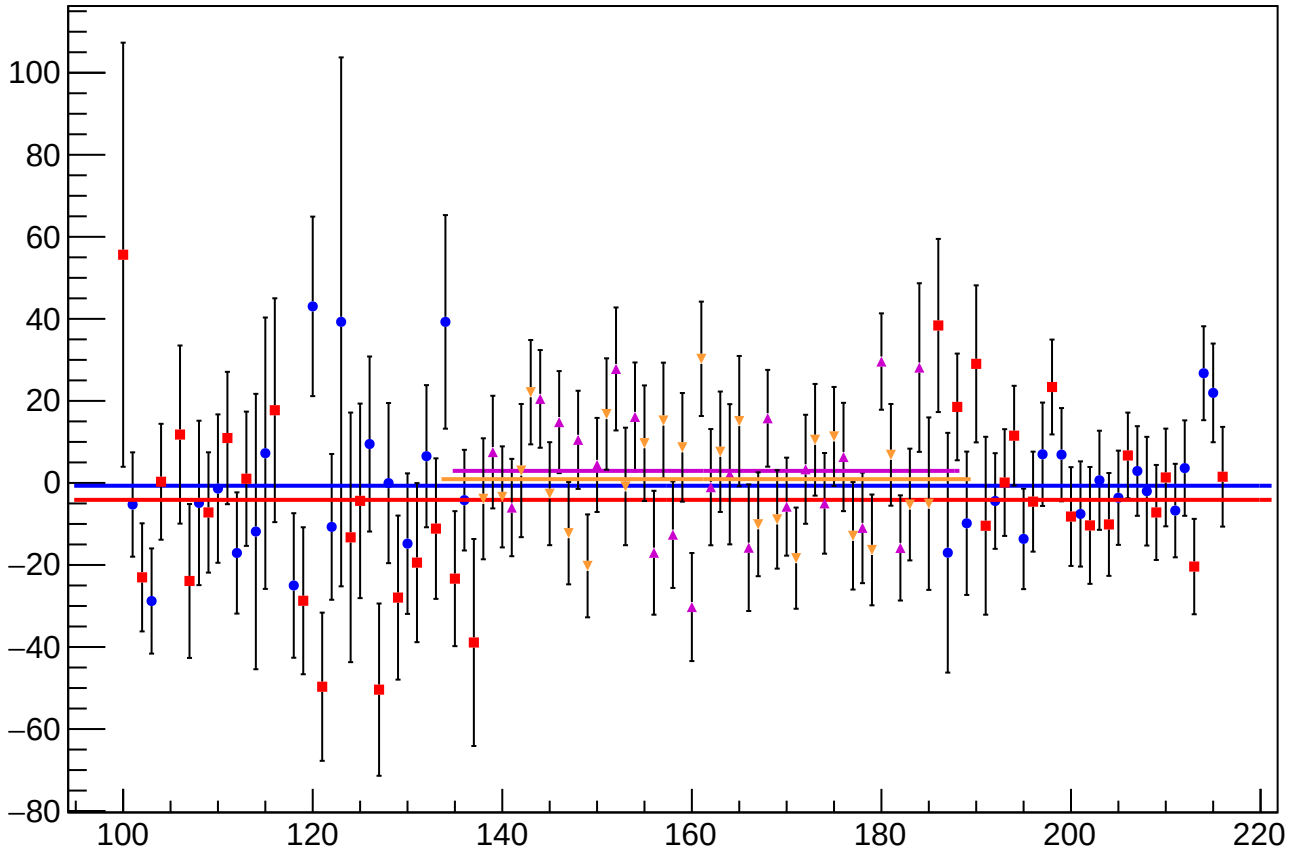
Right Out: 169.677+/-0.030 χ^2/NDF: 2856969.2/34

Left In: 177.878+/-0.031 χ^2/NDF:1644086.7/22

+ sign 182.289+/-0.022 χ^2/NDF: 4292981.7/56

All: 177.787+/-0.016 χ^2/NDF: 8907552.6/114

- sign 173.575+/-0.022 χ^2/NDF: 4536659.5/57



Right In: -0.686+/-2.588 χ^2/NDF: 29.3/31

Left Out: 0.920+/-2.696 χ^2/NDF:24.0/24

Right Out: -4.124+/-2.576 χ^2/NDF: 47.1/34

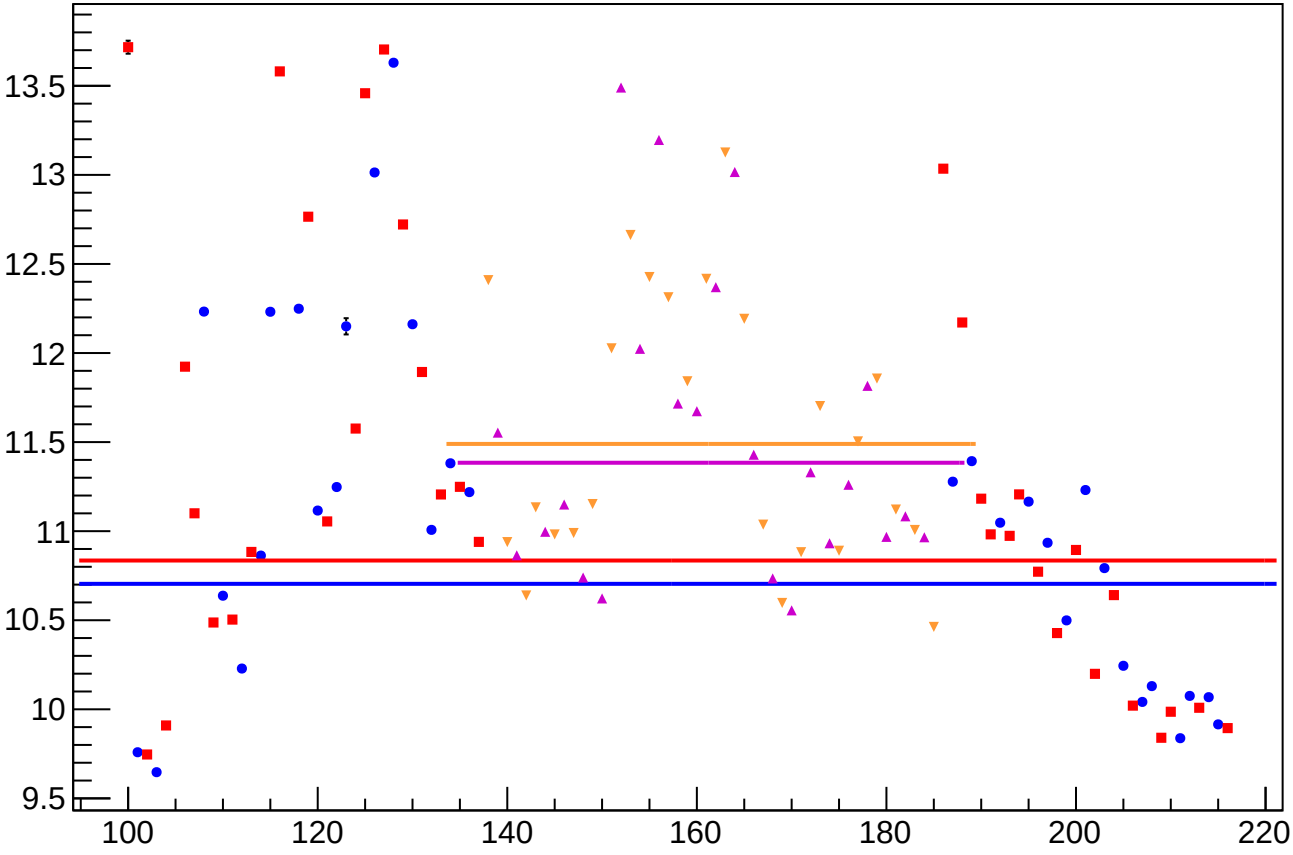
Left In: 2.941+/-2.745 χ^2/NDF:31.0/22

\+ sign 0.084+/-1.867 χ^2/NDF: 53.5/56

All: -0.363+/-1.324 χ^2/NDF: 135.3/114

\- sign -0.816+/-1.878 χ^2/NDF: 81.7/57

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 10.704+/-0.002 χ^2/NDF: 209681.8/31

Left Out: 11.490+/-0.002 χ^2/NDF:132399.1/24

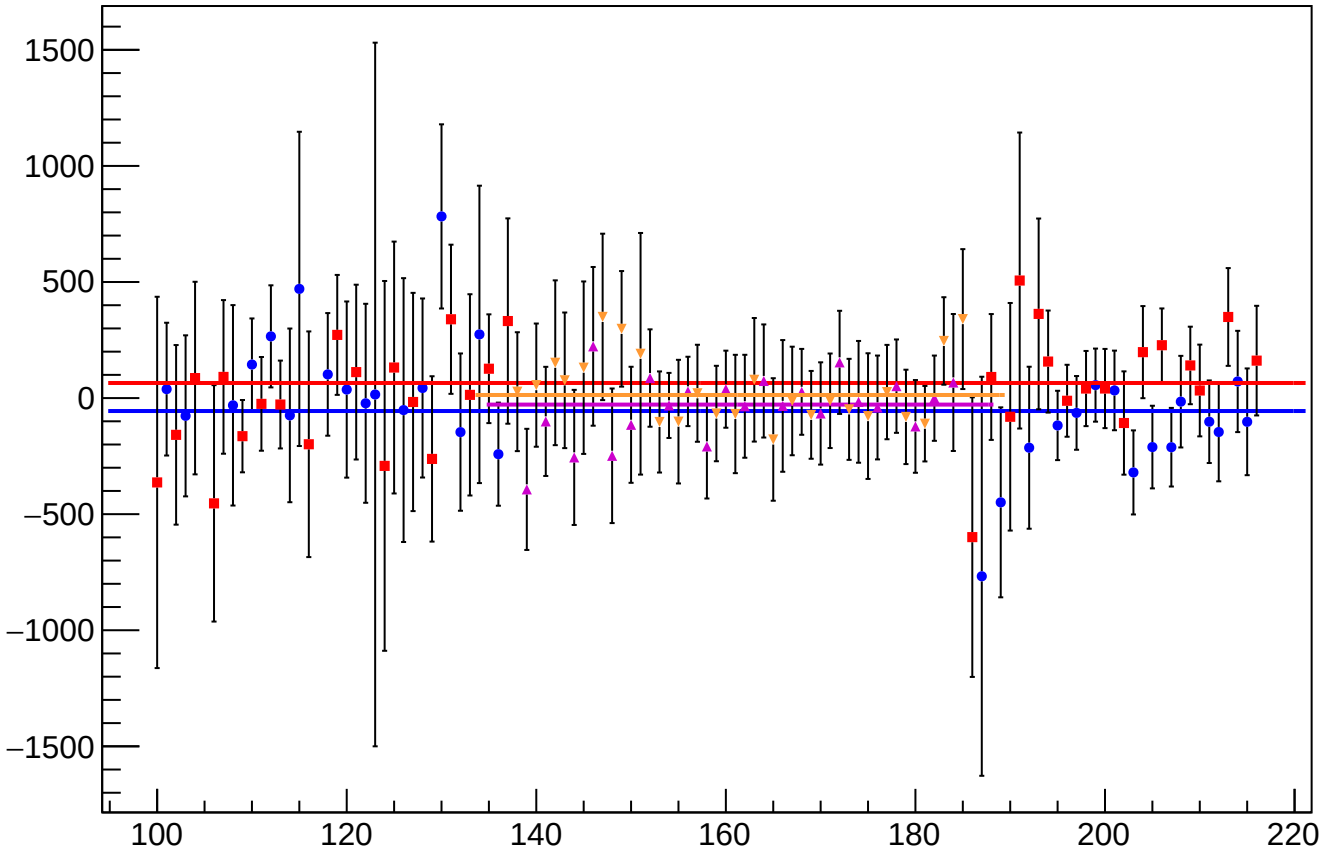
Right Out: 10.835+/-0.002 χ^2/NDF: 280479.3/34

Left In: 11.384+/-0.002 χ^2/NDF:149799.6/22

+ sign 11.081+/-0.001 χ^2/NDF: 430424.1/56

All: 11.087+/-0.001 χ^2/NDF: 903259.6/114

- sign 11.092+/-0.001 χ^2/NDF: 472799.3/57



Right In: -55.734+/-42.764 χ^2/NDF: 17.0/31

Left Out: 13.323+/-47.662 χ^2/NDF:7.9/24

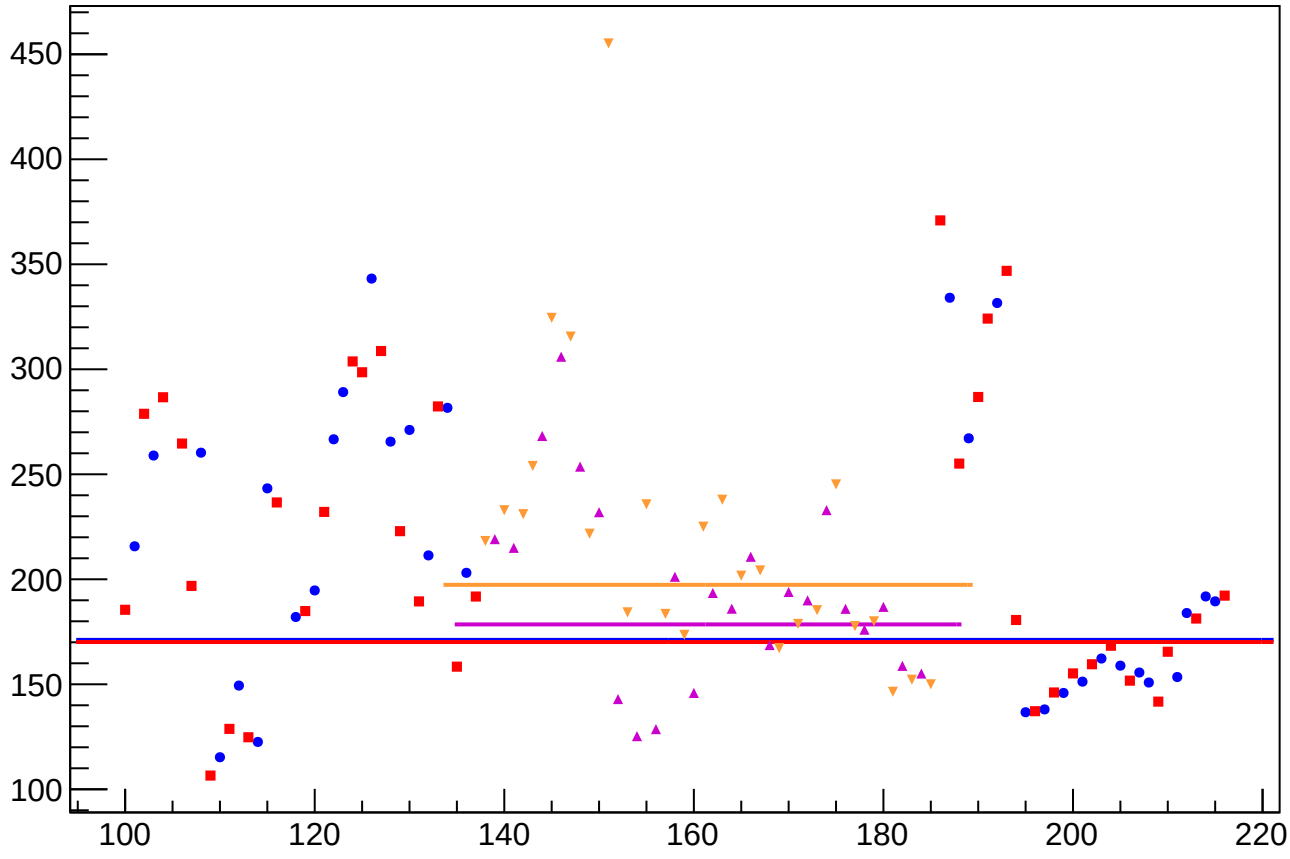
Right Out: 65.050+/-42.486 χ^2/NDF: 14.6/34

Left In: -28.050+/-44.681 χ^2/NDF:6.6/22

\+ sign -24.935+/-31.830 χ^2/NDF: 26.1/56

All: -1.285+/-22.130 χ^2/NDF: 50.7/114

\- sign 20.844+/-30.789 χ^2/NDF: 23.5/57



Right In: 171.144+/-0.030 χ^2/NDF: 2165234.1/31

Left Out: 197.355+/-0.034 χ^2/NDF:1790824.5/24

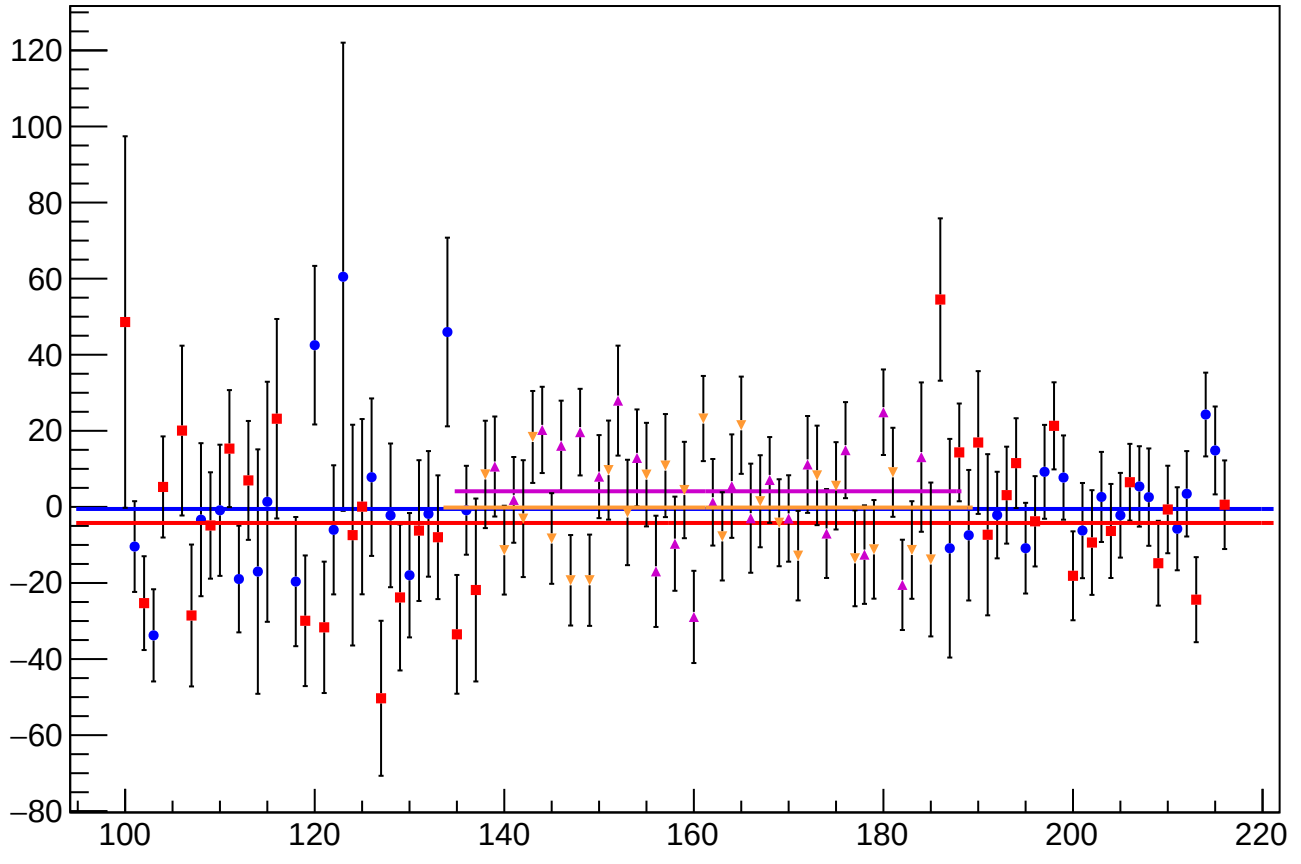
Right Out: 170.126+/-0.030 χ^2/NDF: 2853408.0/34

Left In: 178.512+/-0.032 χ^2/NDF:1642304.1/22

+ sign 182.834+/-0.023 χ^2/NDF: 4291168.5/56

All: 178.326+/-0.016 χ^2/NDF: 8901524.8/114

- sign 174.108+/-0.022 χ^2/NDF: 4532708.7/57



Right In: -0.543+/-2.496 χ^2/NDF: 31.8/31

Left Out: -0.170+/-2.520 χ^2/NDF:24.4/24

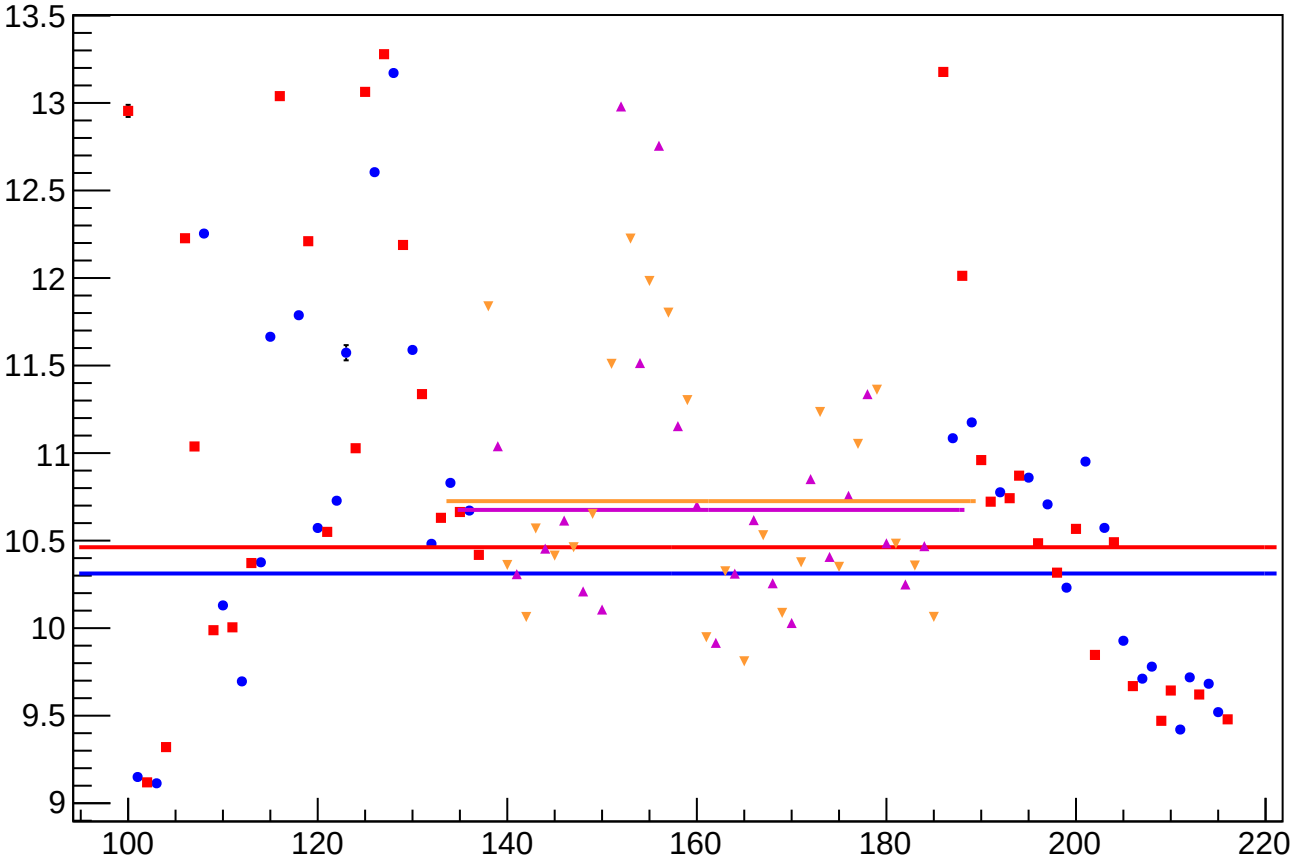
Right Out: -4.223+/-2.490 χ^2/NDF: 51.0/34

Left In: 4.107+/-2.577 χ^2/NDF:31.5/22

\+ sign -0.359+/-1.773 χ^2/NDF: 56.2/56

All: -0.281+/-1.260 χ^2/NDF: 144.1/114

\- sign -0.201+/-1.791 χ^2/NDF: 87.9/57



Right In: 10.312+/-0.002 χ^2/NDF: 237514.7/31

Left Out: 10.725+/-0.002 χ^2/NDF:132170.8/24

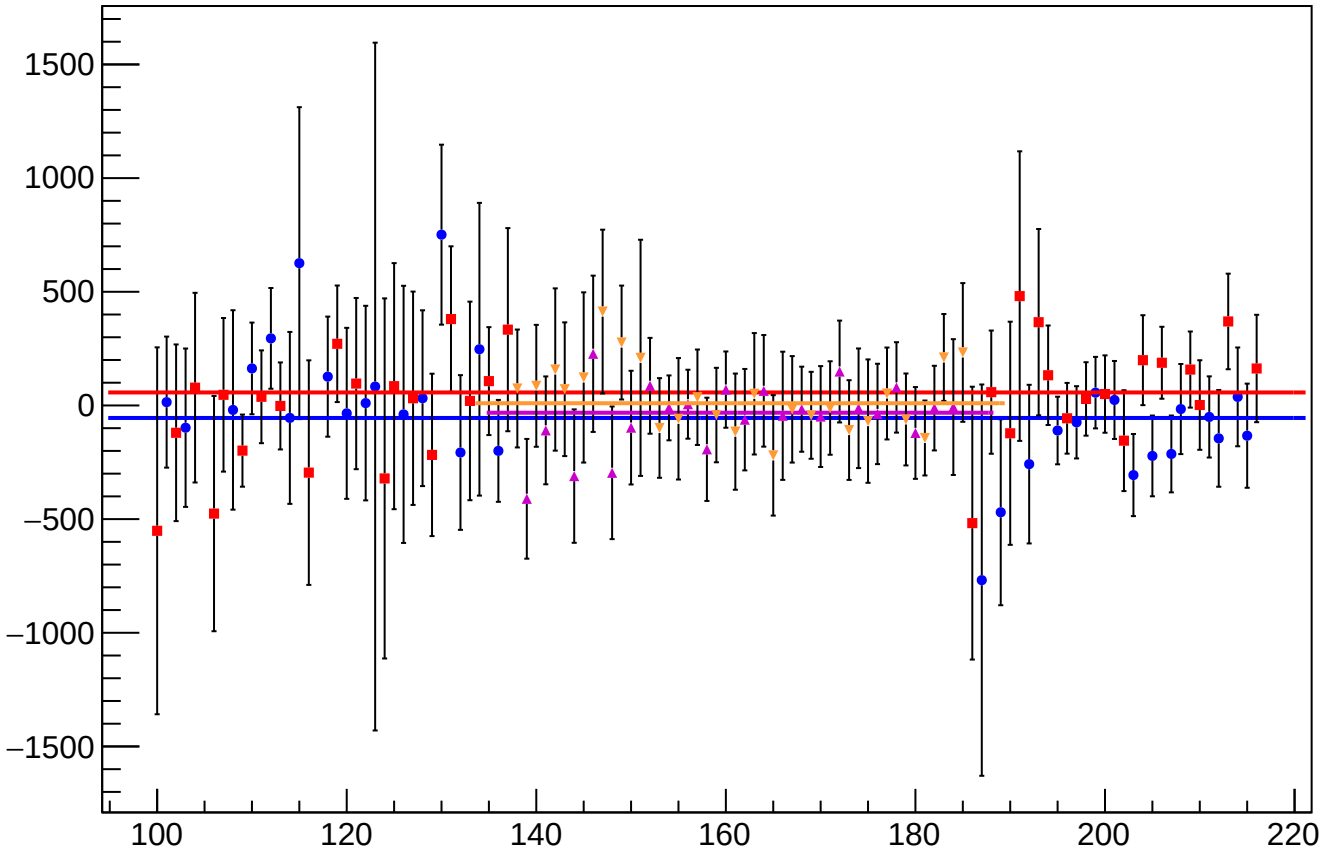
Right Out: 10.462+/-0.002 χ^2/NDF: 322993.8/34

Left In: 10.675+/-0.002 χ^2/NDF:145938.2/22

+ sign 10.517+/-0.001 χ^2/NDF: 396843.6/56

All: 10.541+/-0.001 χ^2/NDF: 873594.9/114

- sign 10.565+/-0.001 χ^2/NDF: 476015.0/57



Right In: -55.022+/-42.824 χ^2/NDF: 17.4/31

Left Out: 9.801+/-47.979 χ^2/NDF:7.5/24

Right Out: 57.152+/-42.609 χ^2/NDF: 15.7/34

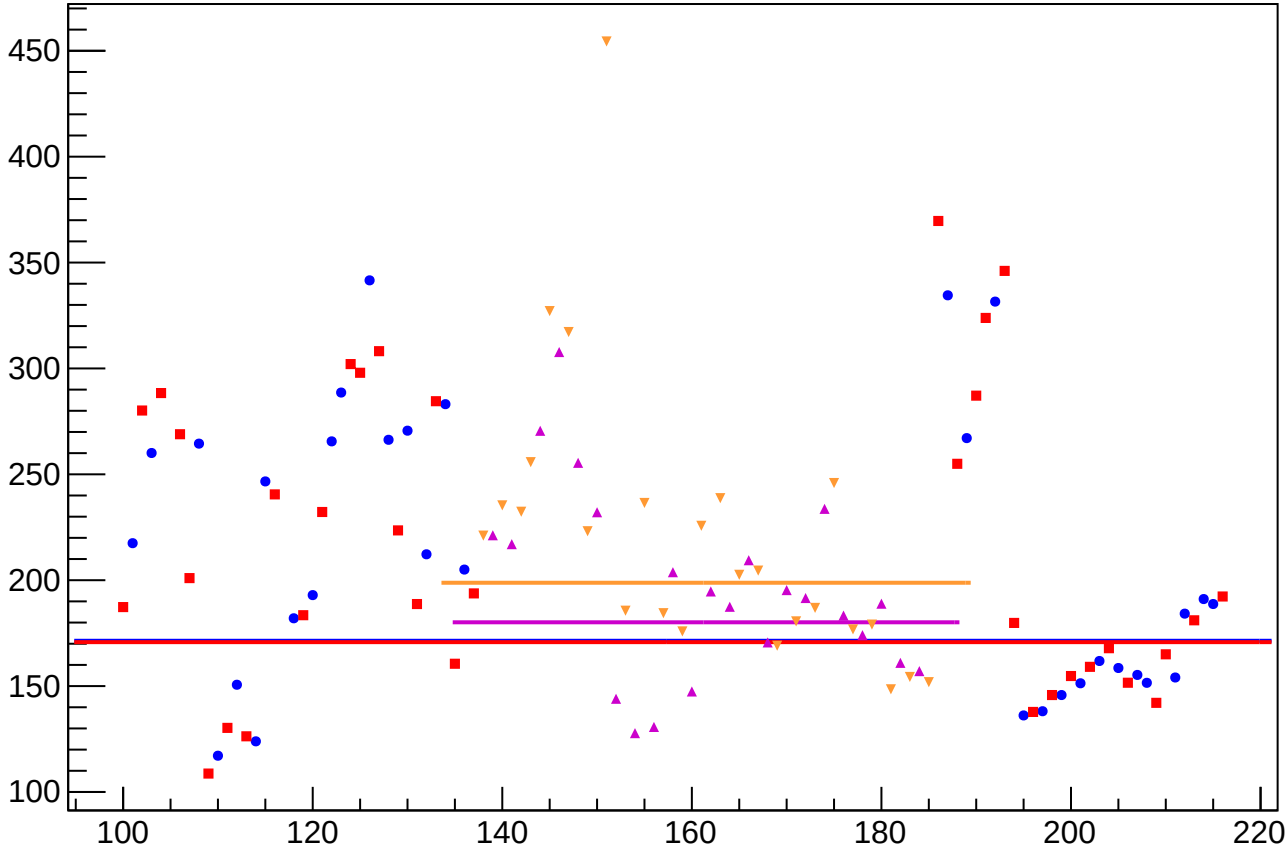
Left In: -31.989+/-45.038 χ^2/NDF:7.2/22

\+ sign -26.278+/-31.949 χ^2/NDF: 26.0/56

All: -4.959+/-22.230 χ^2/NDF: 51.8/114

\- sign 15.050+/-30.952 χ^2/NDF: 25.0/57

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 171.394+/-0.030 χ^2/NDF: 2160600.5/31

Left Out: 198.800+/-0.034 χ^2/NDF:1763119.1/24

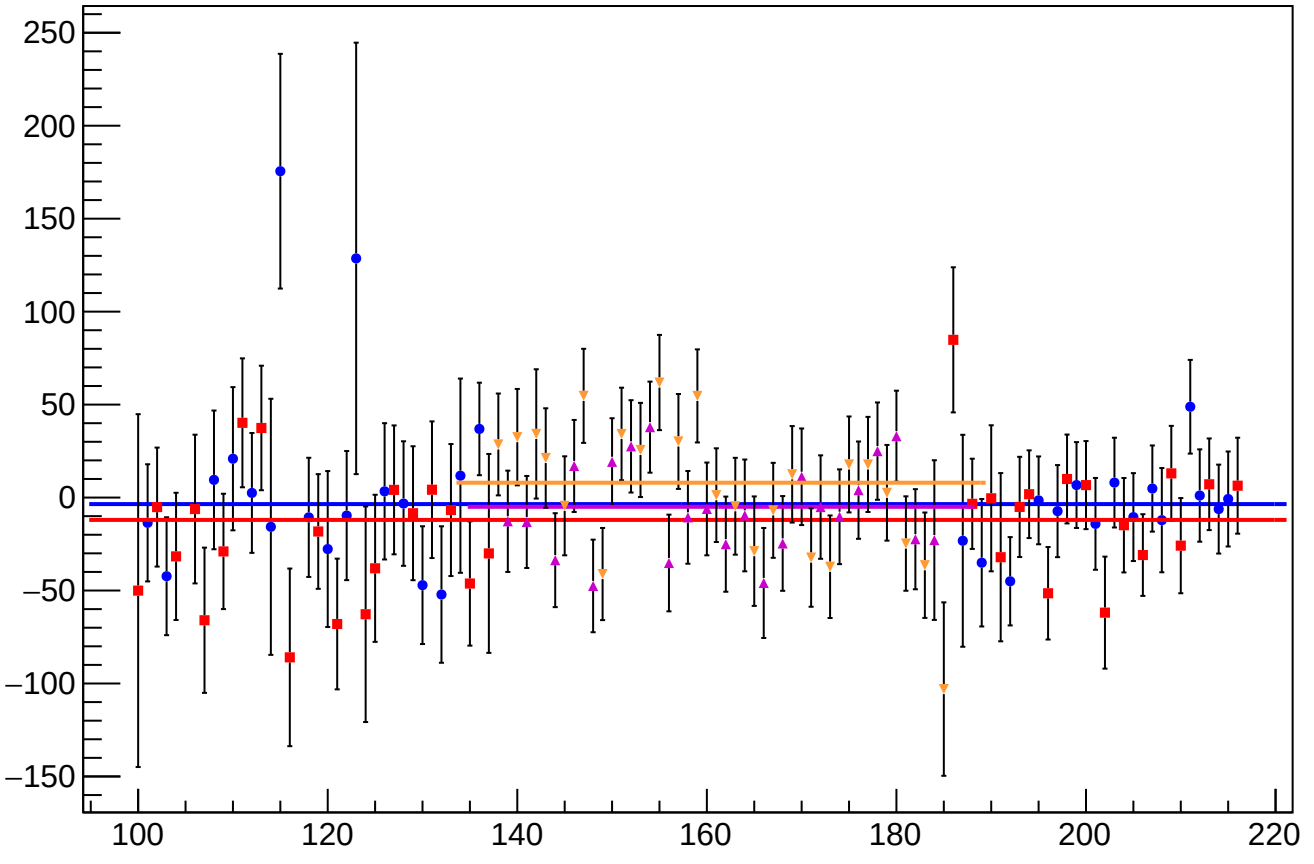
Right Out: 170.753+/-0.030 χ^2/NDF: 2811610.5/34

Left In: 180.123+/-0.032 χ^2/NDF:1593842.6/22

+ sign 183.546+/-0.023 χ^2/NDF: 4286930.3/56

All: 179.230+/-0.016 χ^2/NDF: 8808840.2/114

- sign 175.178+/-0.022 χ^2/NDF: 4451135.2/57



Right In: -3.513+/-5.299 χ^2/NDF: 27.7/31

Left Out: 7.990+/-5.327 χ^2/NDF:37.4/24

Right Out: -12.019+/-5.245 χ^2/NDF: 31.8/34

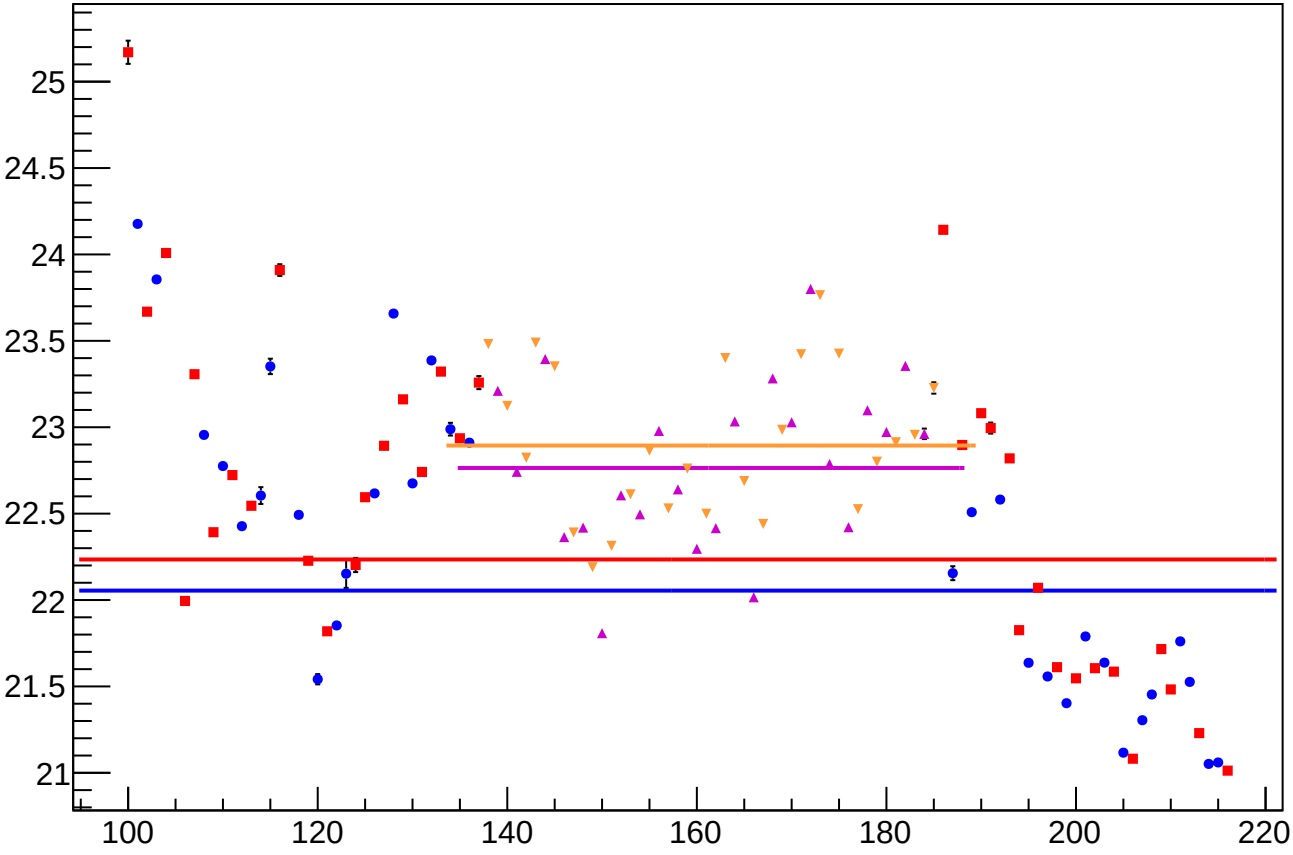
Left In: -4.973+/-5.444 χ^2/NDF:20.5/22

+ sign 2.208+/-3.757 χ^2/NDF: 67.5/56

All: -3.180+/-2.664 χ^2/NDF: 124.8/114

- sign -8.628+/-3.777 χ^2/NDF: 53.1/57

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.055+/-0.004 χ^2/NDF: 49928.4/31

Left Out: 22.894+/-0.004 χ^2/NDF:13070.5/24

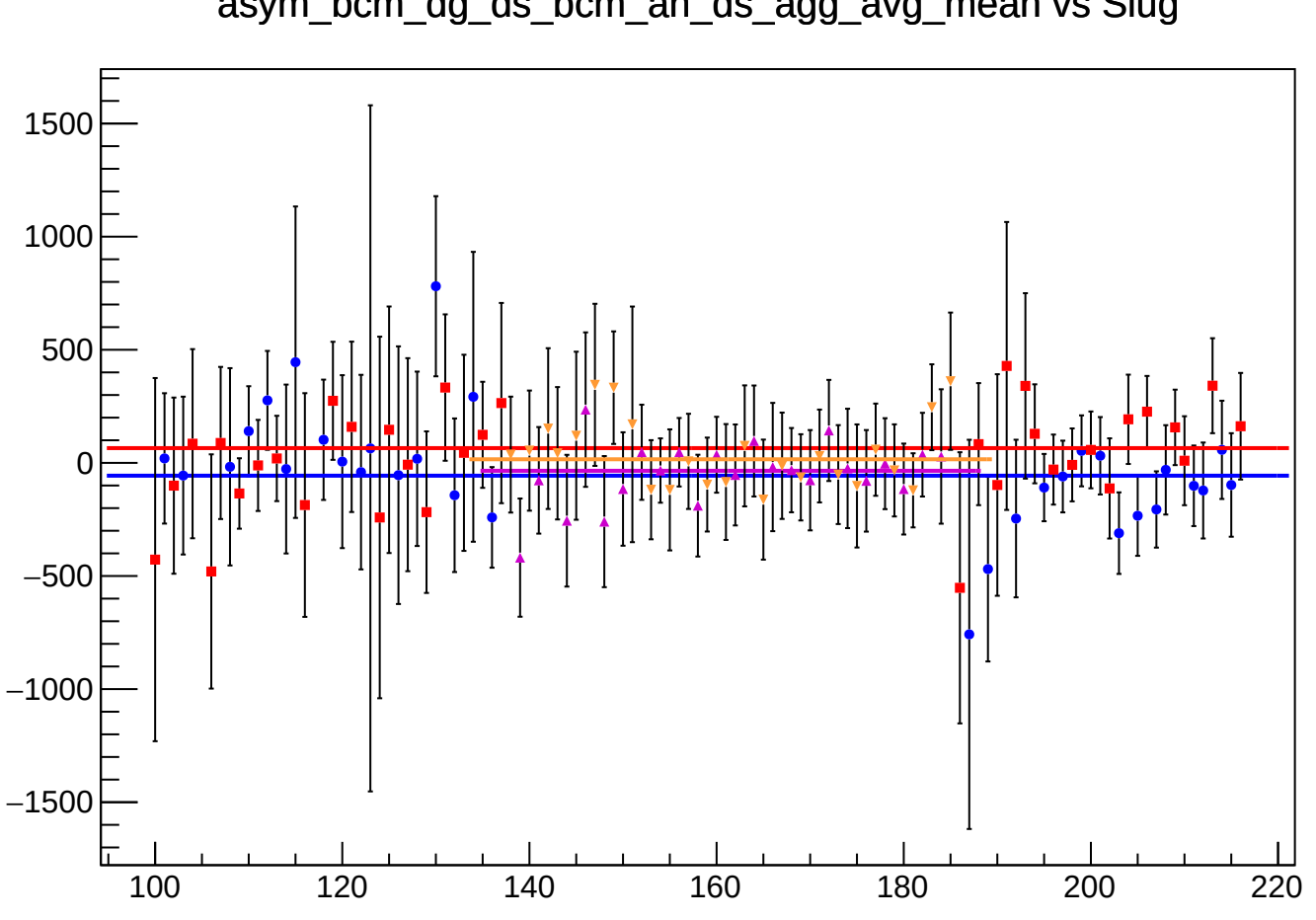
Right Out: 22.235+/-0.004 χ^2/NDF: 52818.1/34

Left In: 22.764+/-0.004 χ^2/NDF:14665.7/22

+ sign 22.472+/-0.003 χ^2/NDF: 87966.9/56

All: 22.481+/-0.002 χ^2/NDF: 165283.1/114

- sign 22.490+/-0.003 χ^2/NDF: 77294.5/57



Right In: -56.601+/-42.705 χ^2/NDF: 16.9/31

Left Out: 15.904+/-47.898 χ^2/NDF:8.4/24

Right Out: 65.314+/-42.432 χ^2/NDF: 13.3/34

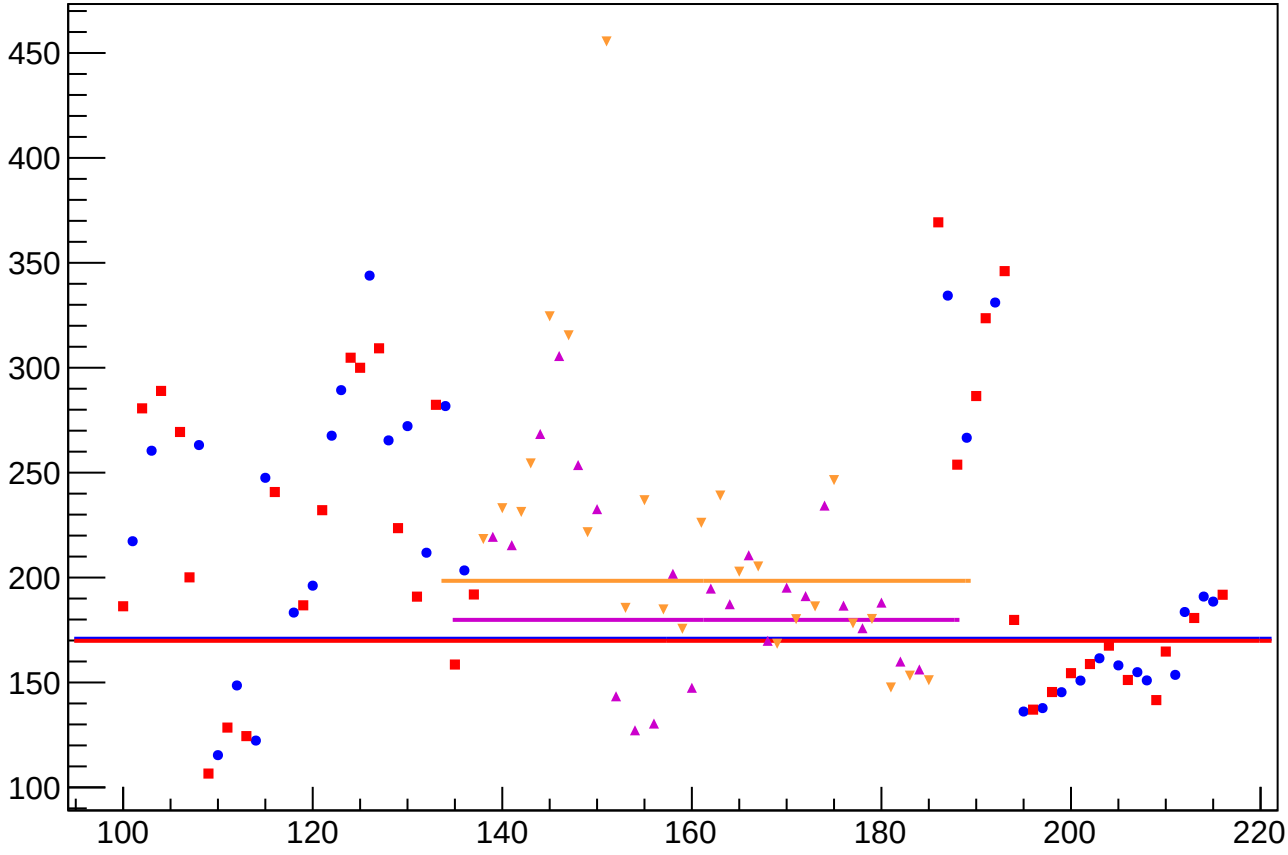
Left In: -34.919+/-44.971 χ^2/NDF:6.6/22

+ sign -24.491+/-31.876 χ^2/NDF: 26.6/56

All: -2.504+/-22.172 χ^2/NDF: 50.1/114

- sign 18.107+/-30.862 χ^2/NDF: 22.5/57

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 170.844+/-0.030 χ^2/NDF: 2192004.9/31

Left Out: 198.450+/-0.034 χ^2/NDF:1761433.9/24

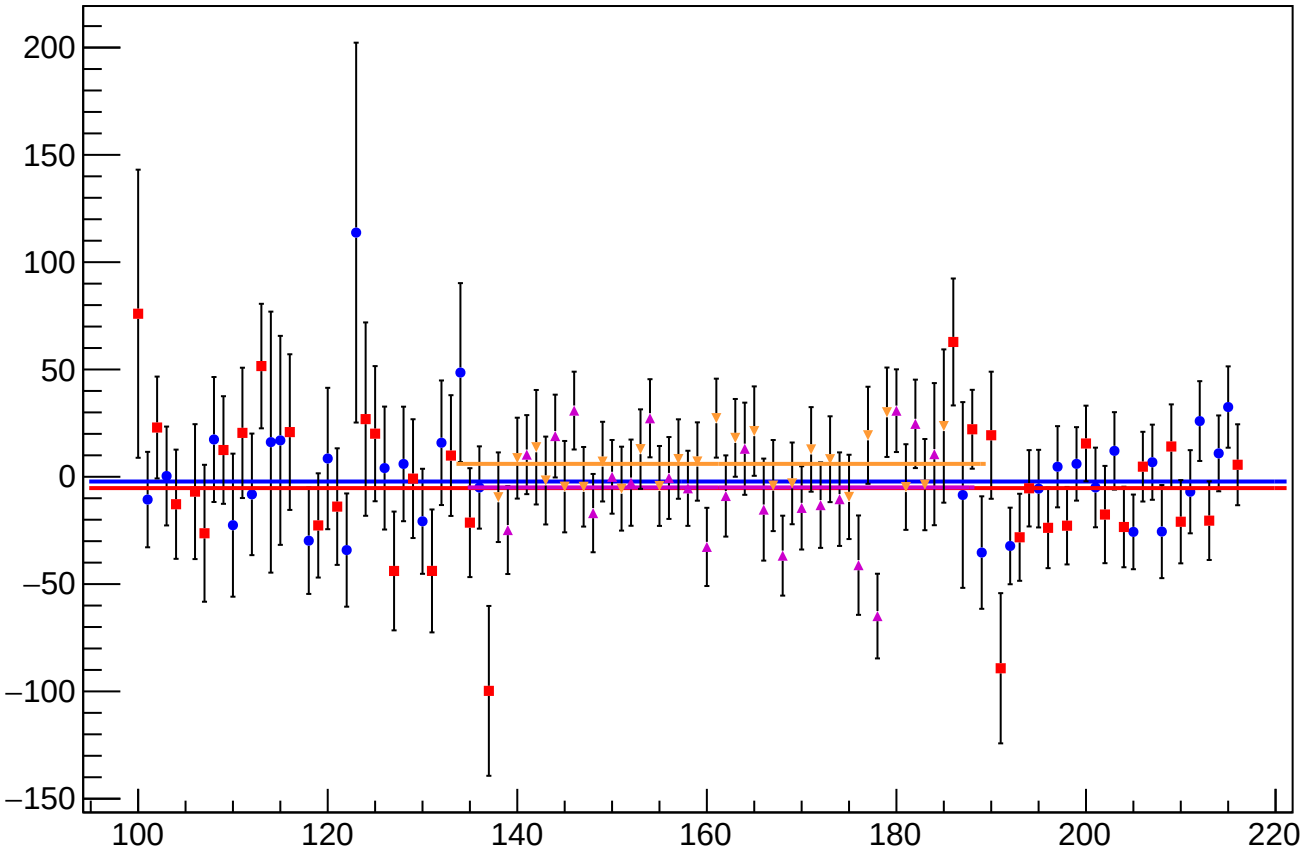
Right Out: 169.856+/-0.030 χ^2/NDF: 2880478.4/34

Left In: 179.839+/-0.032 χ^2/NDF:1588834.3/22

+ sign 183.070+/-0.023 χ^2/NDF: 4323570.7/56

All: 178.676+/-0.016 χ^2/NDF: 8918622.2/114

- sign 174.558+/-0.022 χ^2/NDF: 4521447.9/57



Right In: -2.201+/-4.035 χ^2/NDF: 23.4/31

Left Out: 6.020+/-4.017 χ^2/NDF:8.1/24

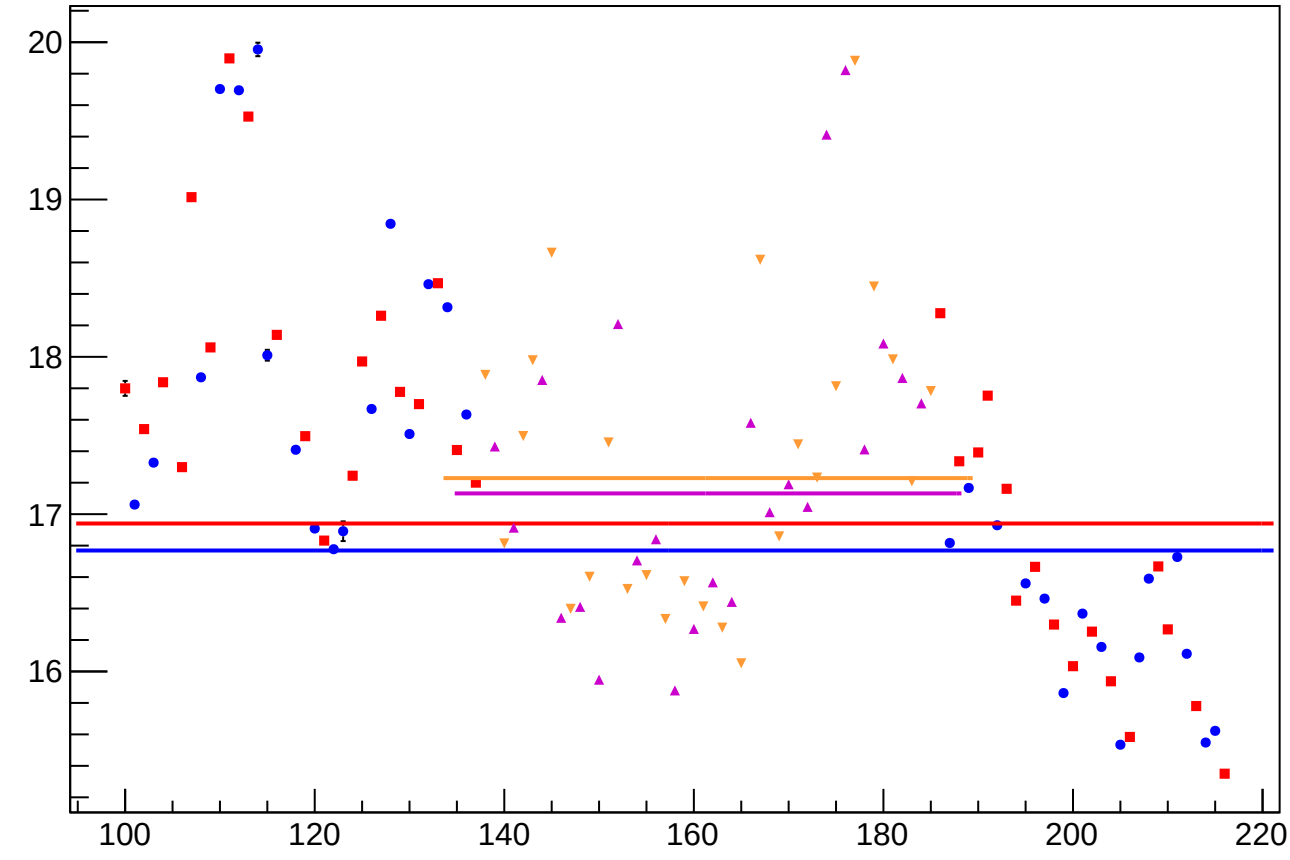
Right Out: -5.275+/-4.003 χ^2/NDF: 43.7/34

Left In: -4.943+/-4.108 χ^2/NDF:34.8/22

+ sign 1.928+/-2.847 χ^2/NDF: 33.6/56

All: -1.568+/-2.020 χ^2/NDF: 115.2/114

- sign -5.113+/-2.867 χ^2/NDF: 78.6/57



Right In: 16.769+/-0.003 χ^2/NDF: 121779.8/31

Left Out: 17.229+/-0.003 χ^2/NDF:98624.7/24

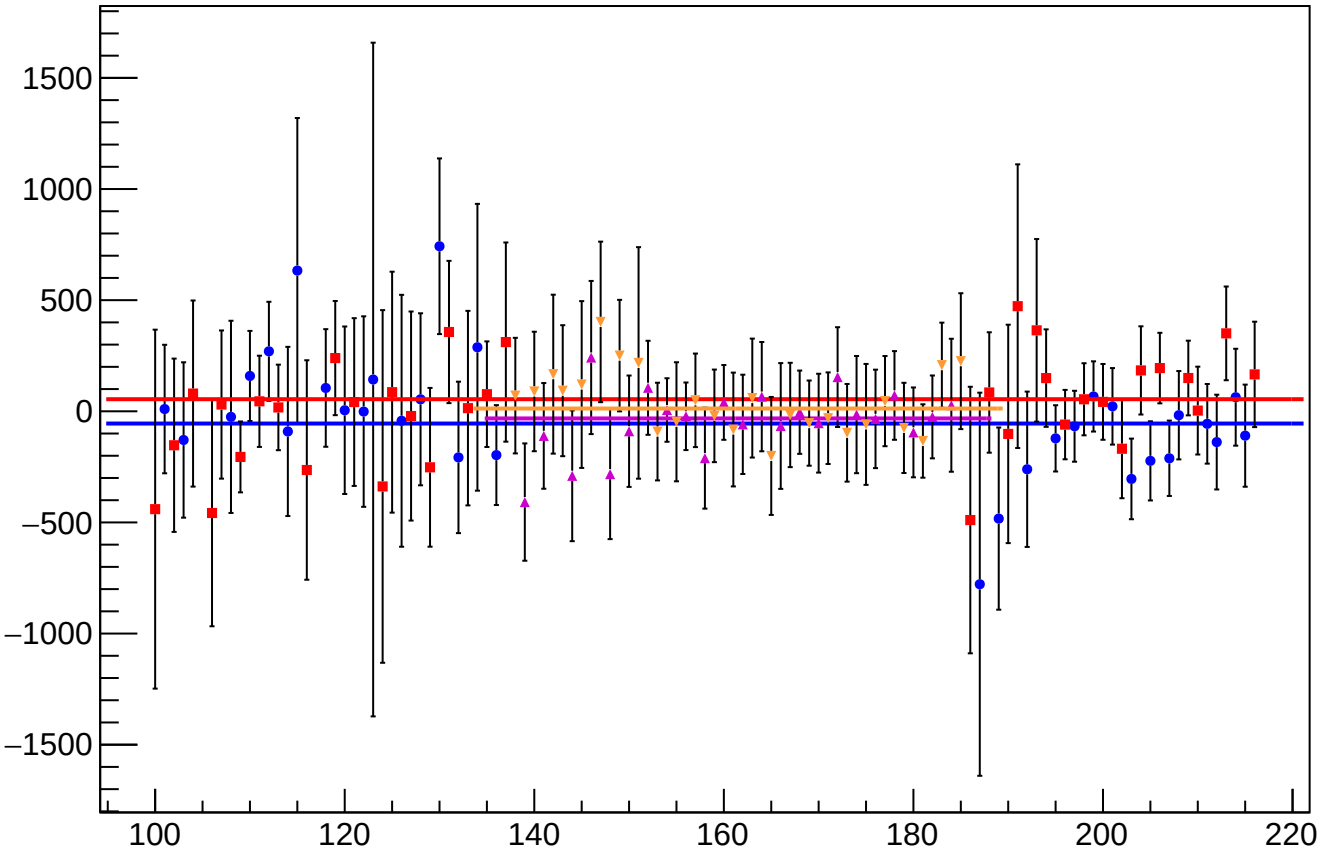
Right Out: 16.941+/-0.003 χ^2/NDF: 134732.4/34

Left In: 17.132+/-0.003 χ^2/NDF:103997.3/22

\+ sign 17.000+/-0.002 χ^2/NDF: 233469.8/56

All: 17.017+/-0.001 χ^2/NDF: 474562.7/114

\- sign 17.034+/-0.002 χ^2/NDF: 240953.7/57



Right In: -55.088+/-42.952 χ^2/NDF: 17.1/31

Left Out: 12.474+/-48.086 χ^2/NDF:6.8/24

Right Out: 54.423+/-42.722 χ^2/NDF: 15.0/34

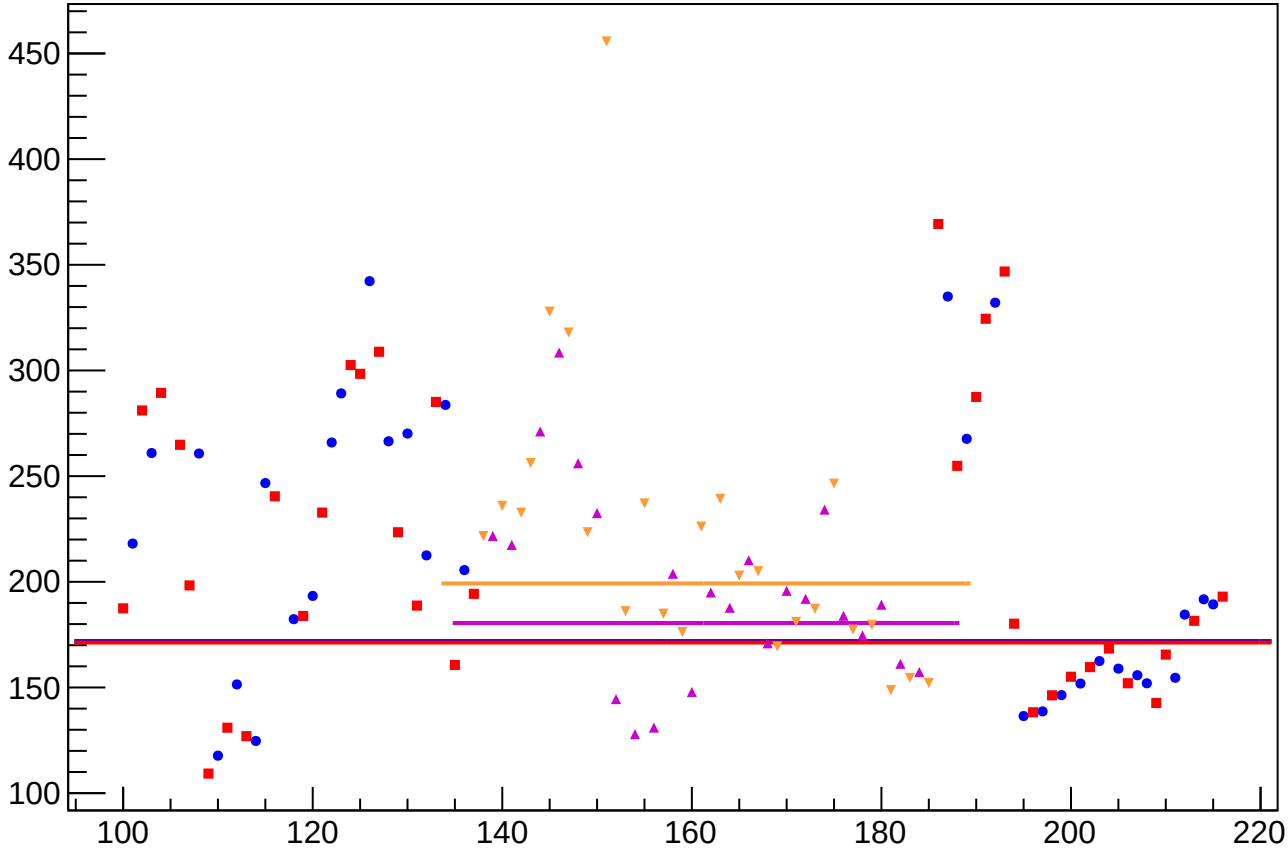
Left In: -32.159+/-45.131 χ^2/NDF:6.9/22

+ sign -25.105+/-32.034 χ^2/NDF: 25.1/56

All: -5.184+/-22.286 χ^2/NDF: 49.7/114

- sign 13.504+/-31.026 χ^2/NDF: 23.9/57

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 171.954+/-0.030 χ^2/NDF: 2142177.1/31

Left Out: 199.241+/-0.034 χ^2/NDF:1764097.7/24

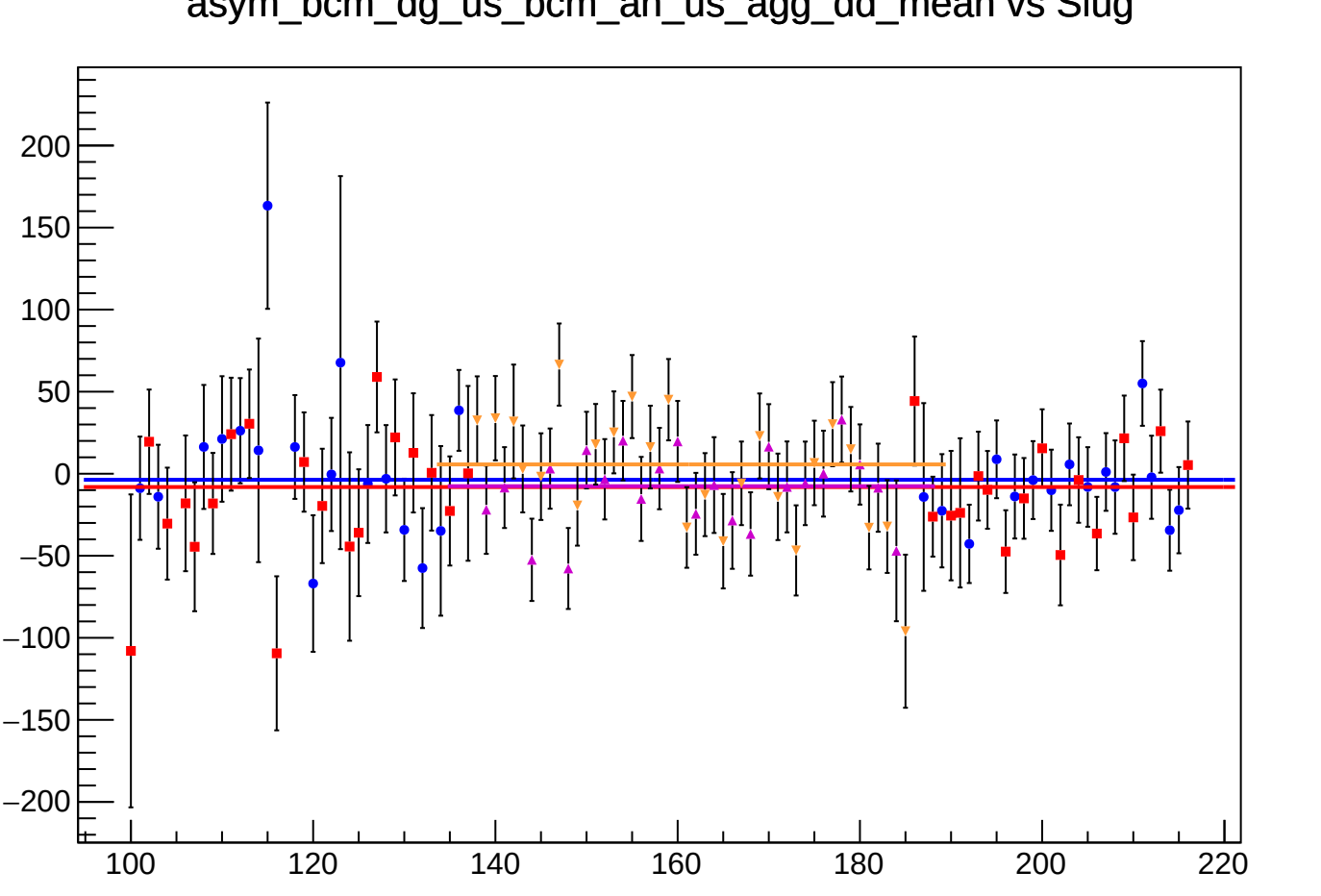
Right Out: 171.270+/-0.030 χ^2/NDF: 2787057.4/34

Left In: 180.494+/-0.032 χ^2/NDF:1593784.1/22

+ sign 184.064+/-0.023 χ^2/NDF: 4264500.6/56

All: 179.712+/-0.016 χ^2/NDF: 8760935.8/114

- sign 175.629+/-0.022 χ^2/NDF: 4424896.5/57



Right In: -3.704+/-5.350 χ^2/NDF: 29.4/31

Left Out: 5.673+/-5.278 χ^2/NDF:36.4/24

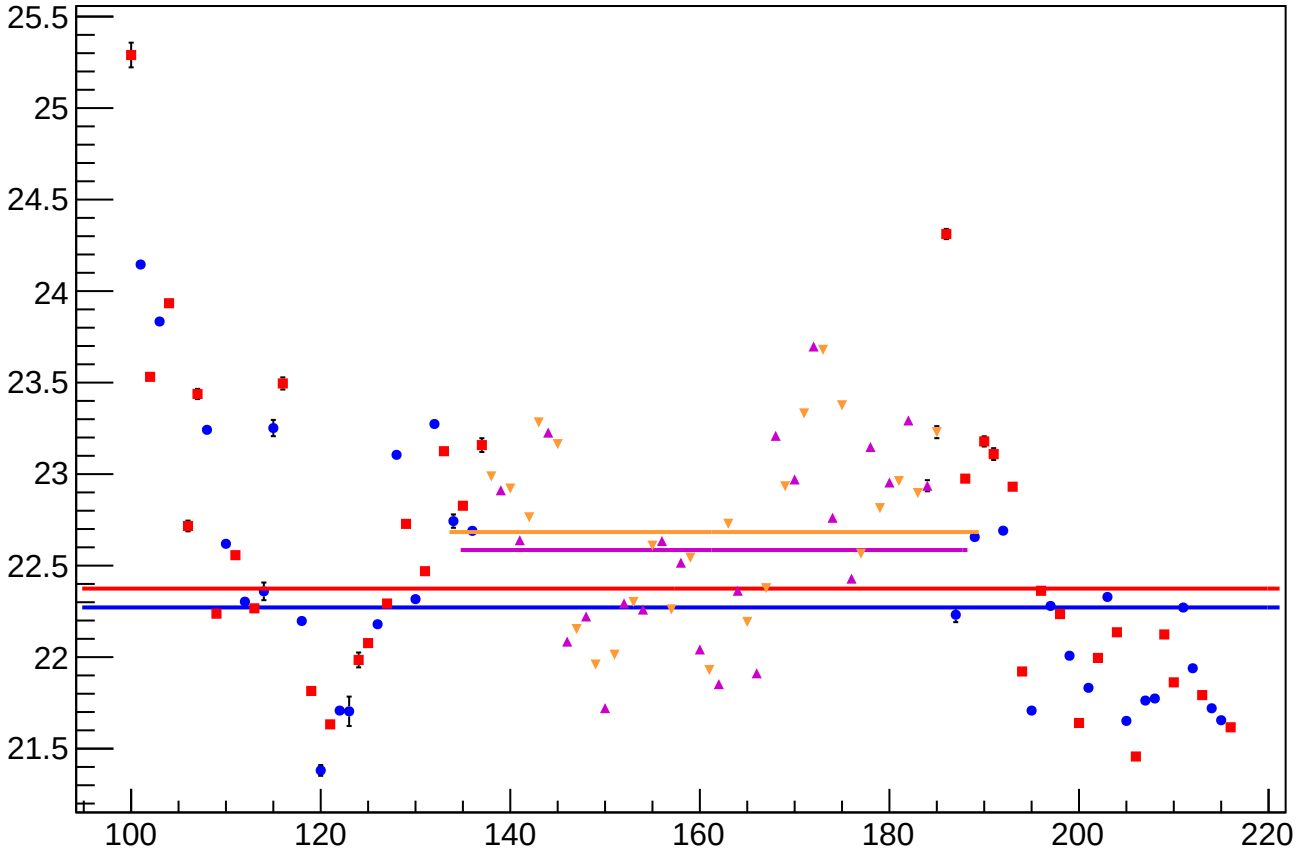
Right Out: -8.108+/-5.277 χ^2/NDF: 30.3/34

Left In: -7.594+/-5.402 χ^2/NDF:18.3/22

+ sign 1.048+/-3.757 χ^2/NDF: 67.3/56

All: -3.384+/-2.663 χ^2/NDF: 118.7/114

- sign -7.857+/-3.775 χ^2/NDF: 48.6/57



Right In: 22.272+/-0.004 χ^2/NDF: 27182.3/31

Left Out: 22.683+/-0.004 χ^2/NDF:16318.1/24

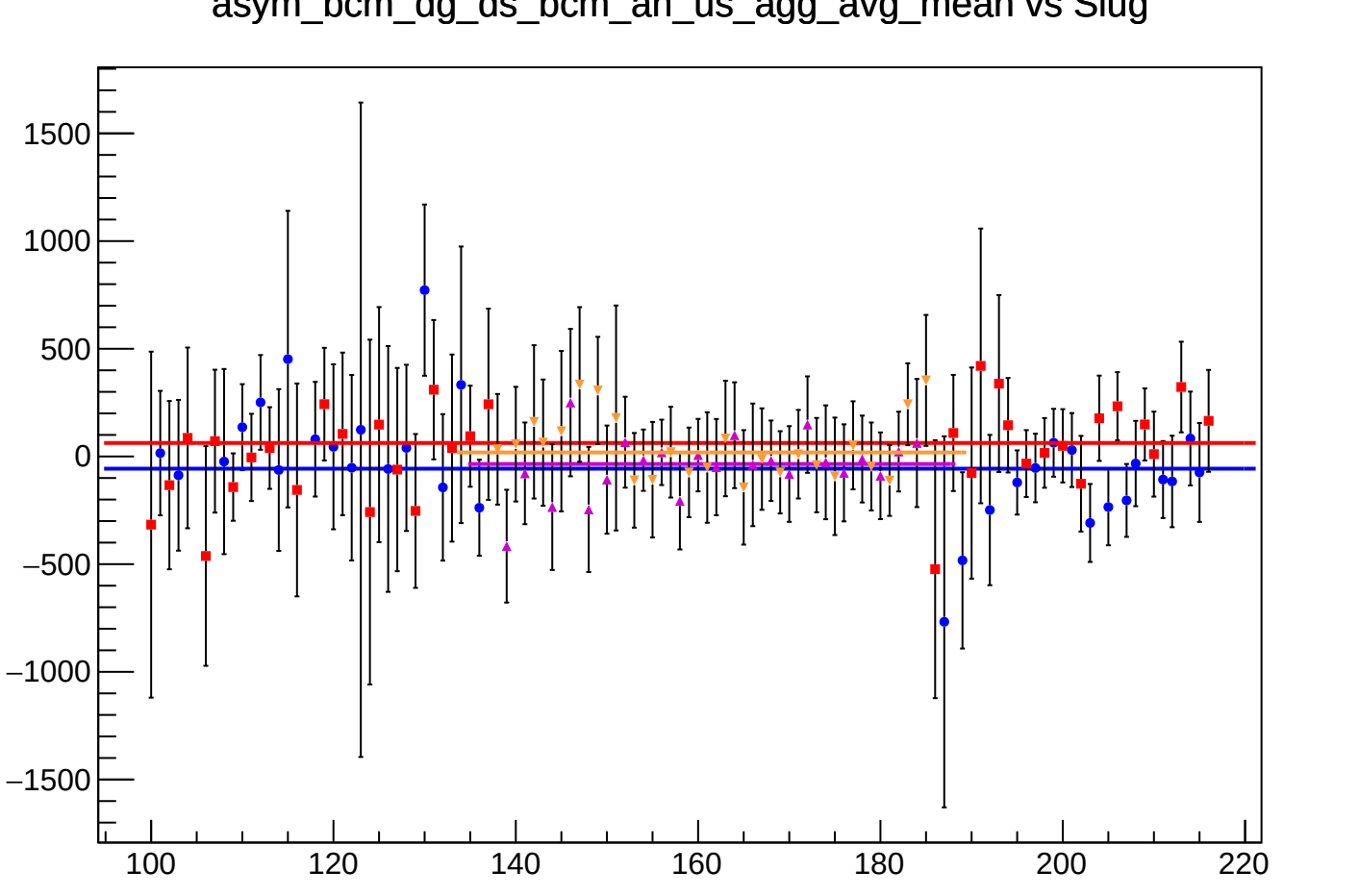
Right Out: 22.374+/-0.004 χ^2/NDF: 33762.1/34

Left In: 22.585+/-0.004 χ^2/NDF:18087.5/22

+ sign 22.480+/-0.003 χ^2/NDF: 49509.2/56

All: 22.479+/-0.002 χ^2/NDF: 102918.1/114

- sign 22.477+/-0.003 χ^2/NDF: 53408.3/57



Right In: -56.739+/-42.834 χ^2/NDF: 16.8/31

Left Out: 18.633+/-48.006 χ^2/NDF:7.6/24

Right Out: 62.640+/-42.546 χ^2/NDF: 12.6/34

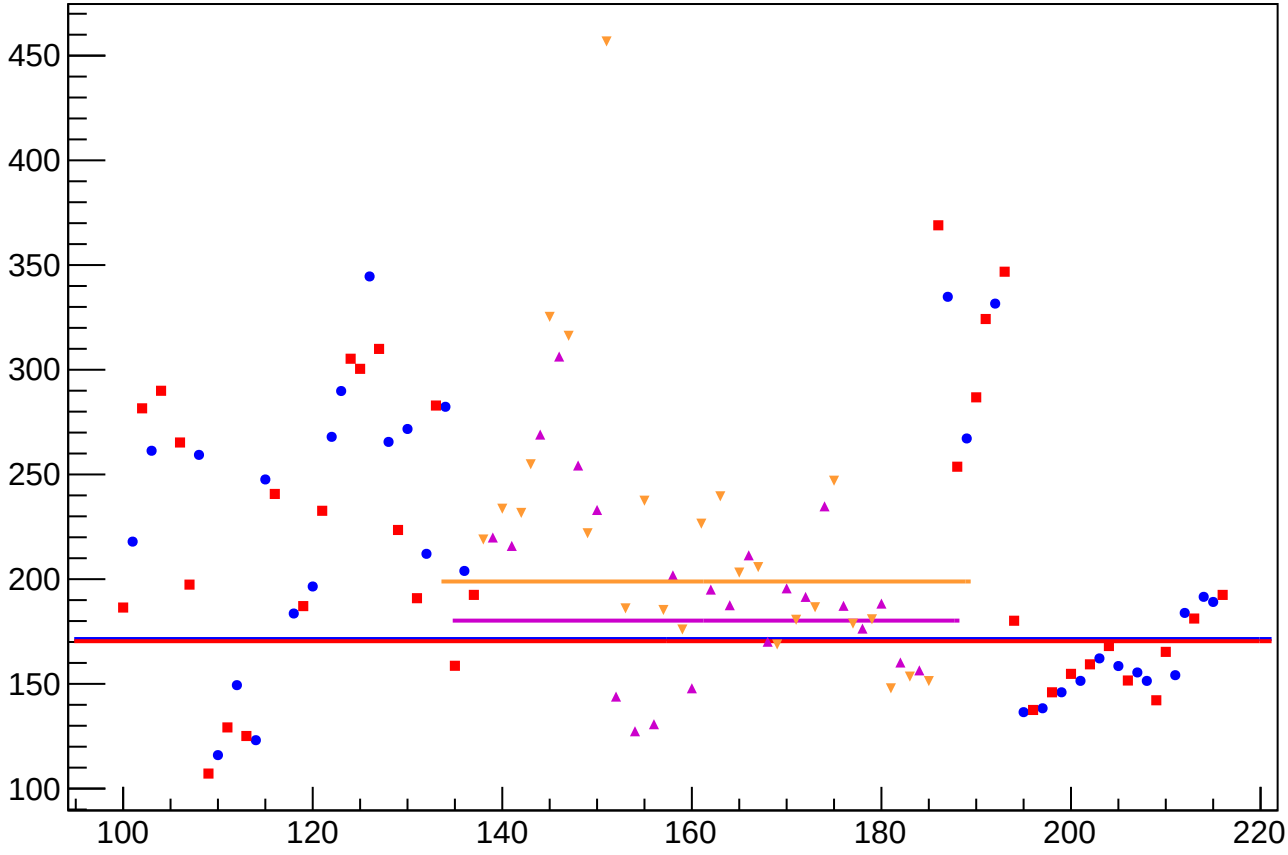
Left In: -35.046+/-45.063 χ^2/NDF:6.3/22

+ sign -23.331+/-31.961 χ^2/NDF: 25.7/56

All: -2.715+/-22.229 χ^2/NDF: 47.9/114

- sign 16.601+/-30.936 χ^2/NDF: 21.3/57

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 171.408+/-0.030 χ^2/NDF: 2172986.4/31

Left Out: 198.891+/-0.034 χ^2/NDF:1762454.6/24

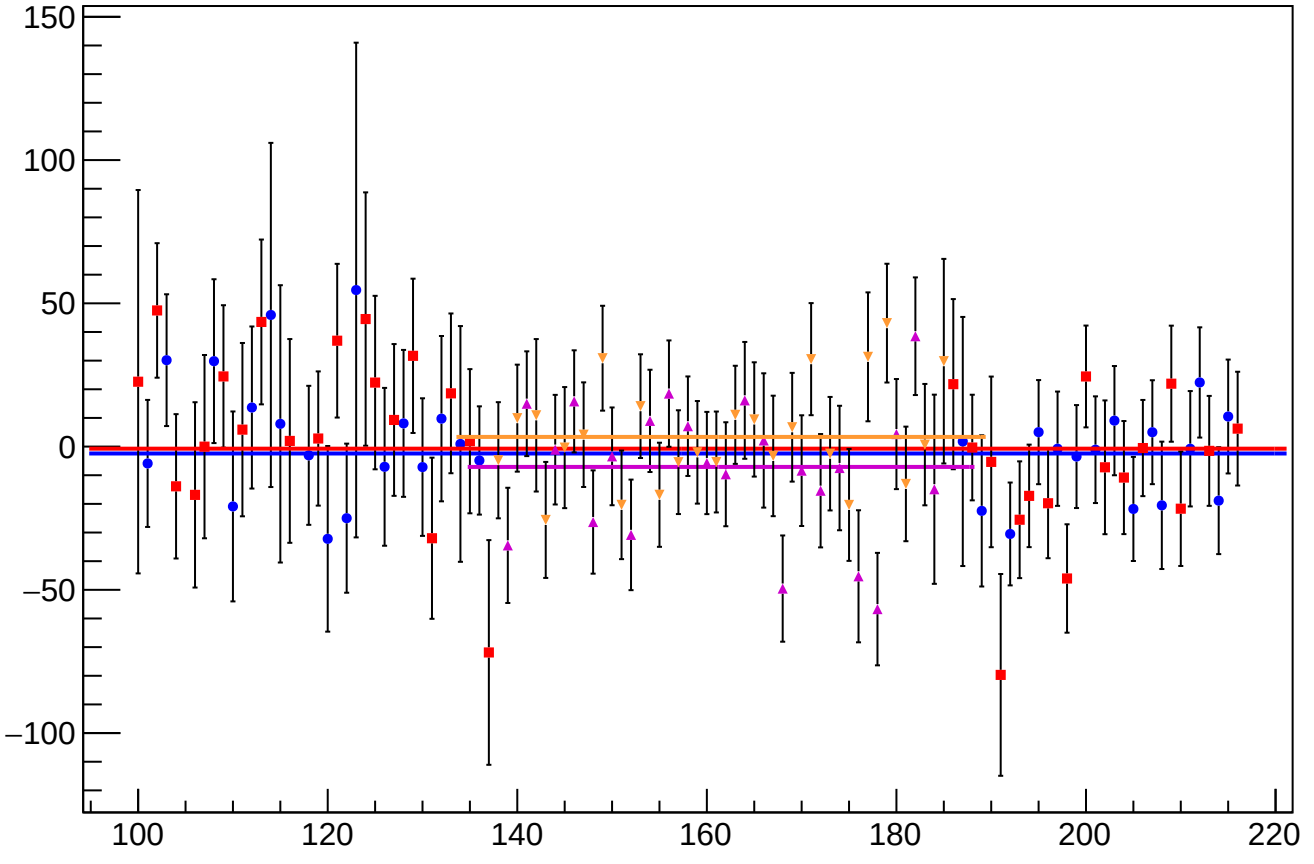
Right Out: 170.380+/-0.030 χ^2/NDF: 2855011.3/34

Left In: 180.207+/-0.032 χ^2/NDF:1589005.4/22

+ sign 183.590+/-0.023 χ^2/NDF: 4300373.0/56

All: 179.161+/-0.016 χ^2/NDF: 8869056.4/114

- sign 175.012+/-0.022 χ^2/NDF: 4494301.7/57



Right In: -2.410+/-4.101 χ^2/NDF: 15.5/31

Left Out: 3.372+/-3.947 χ^2/NDF:18.8/24

Right Out: -0.732+/-4.048 χ^2/NDF: 38.1/34

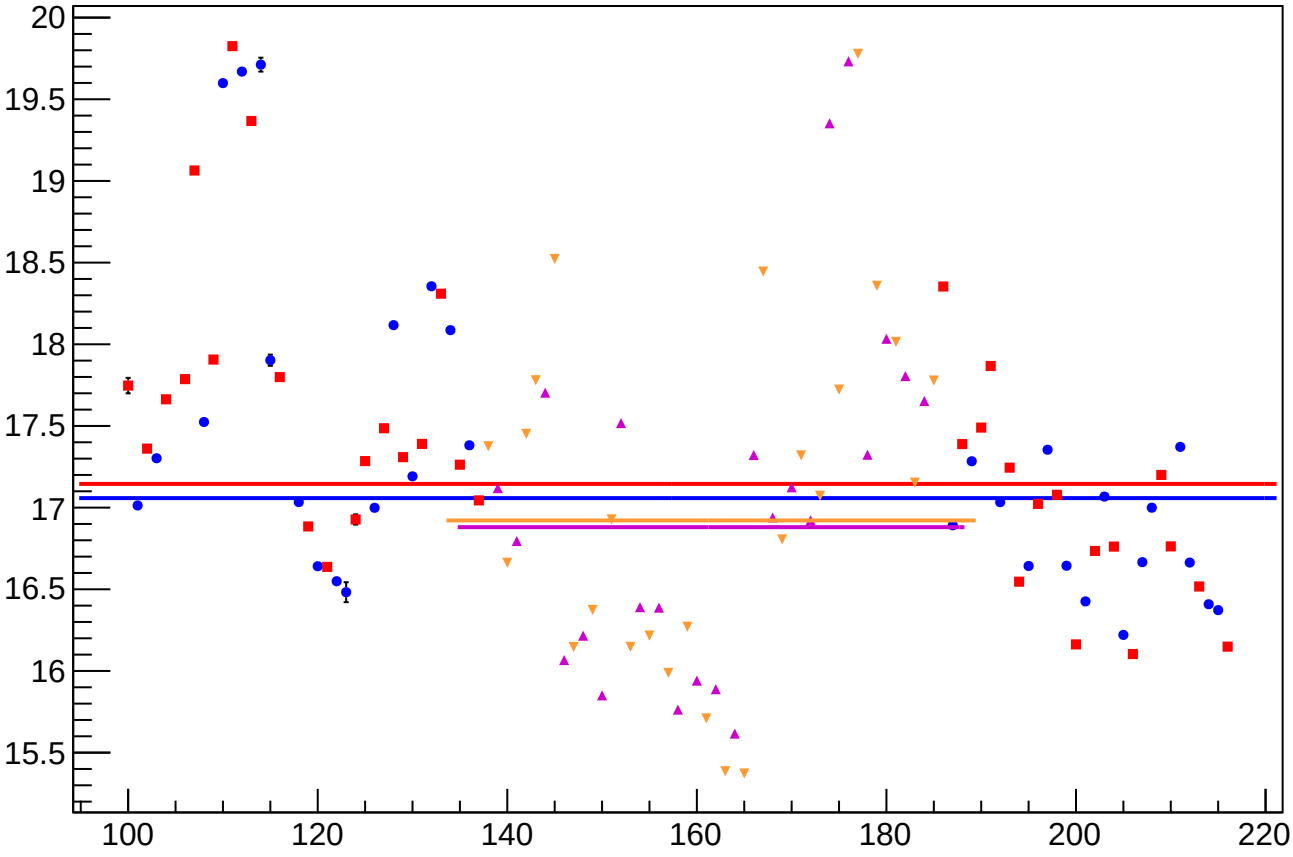
Left In: -7.099+/-4.047 χ^2/NDF:32.5/22

+ sign 0.592+/-2.844 χ^2/NDF: 35.3/56

All: -1.647+/-2.017 χ^2/NDF: 108.4/114

- sign -3.916+/-2.862 χ^2/NDF: 71.8/57

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.058+/-0.003 χ^2/NDF: 60984.2/31

Left Out: 16.921+/-0.003 χ^2/NDF:138990.4/24

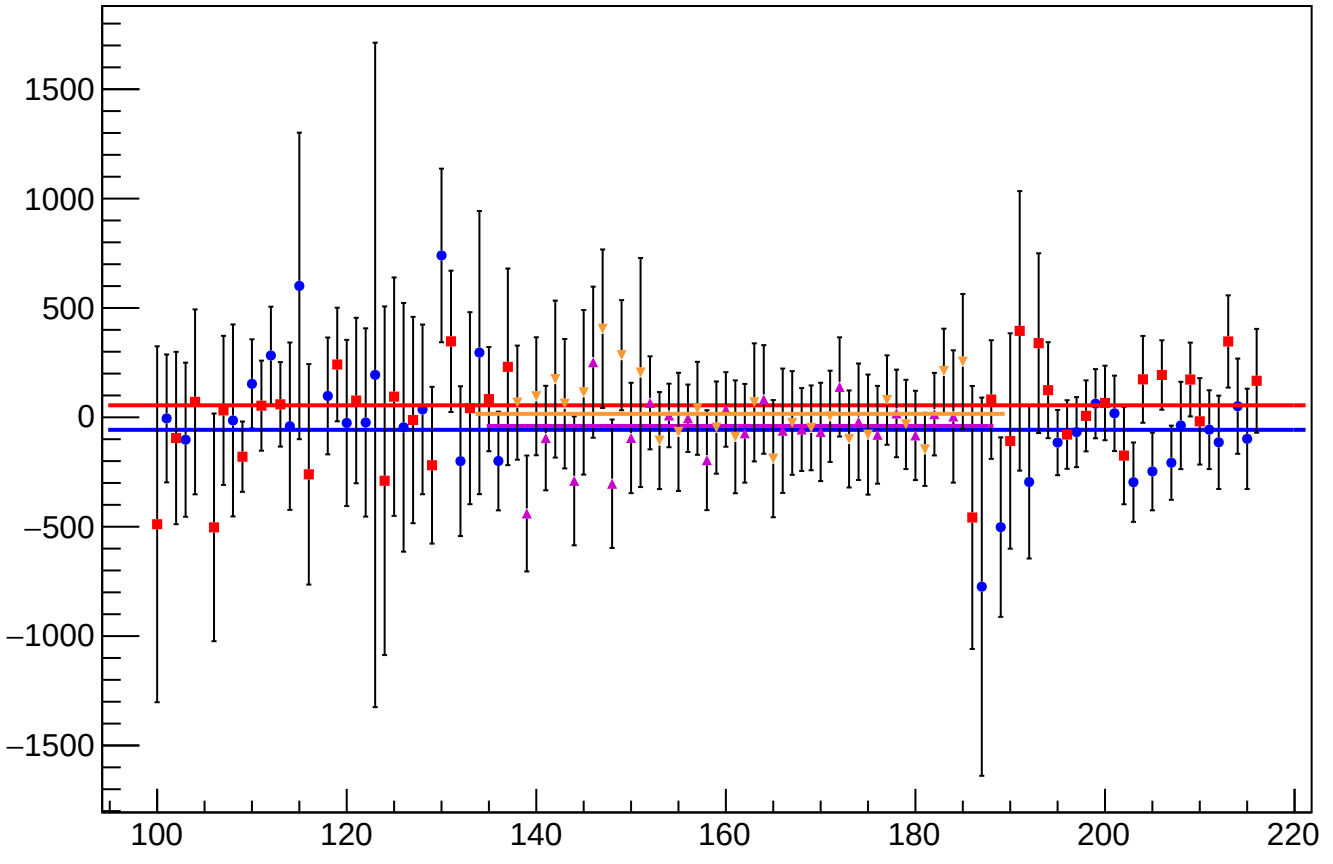
Right Out: 17.145+/-0.003 χ^2/NDF: 74778.8/34

Left In: 16.880+/-0.003 χ^2/NDF:121736.1/22

+ sign 16.987+/-0.002 χ^2/NDF: 201129.2/56

All: 17.000+/-0.001 χ^2/NDF: 402001.9/114

- sign 17.013+/-0.002 χ^2/NDF: 200792.5/57



Right In: -57.024+/-43.064 χ^2/NDF: 16.9/31

Left Out: 15.970+/-48.503 χ^2/NDF:7.4/24

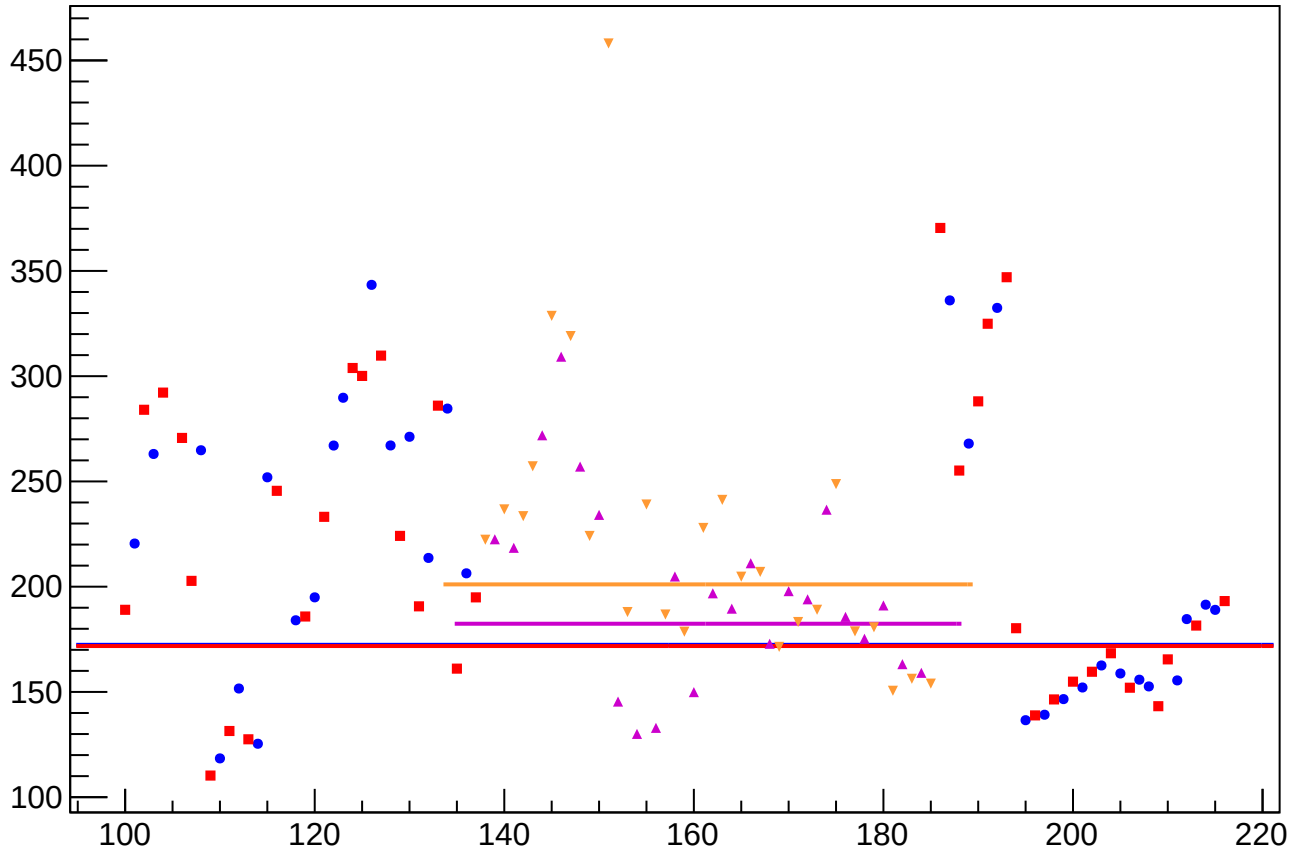
Right Out: 54.978+/-42.855 χ^2/NDF: 14.1/34

Left In: -39.377+/-45.571 χ^2/NDF:6.9/22

+ sign -24.848+/-32.203 χ^2/NDF: 25.6/56

All: -6.525+/-22.415 χ^2/NDF: 49.4/114

- sign 10.695+/-31.219 χ^2/NDF: 23.2/57



Right In: 172.378+/-0.030 χ^2/NDF: 2154551.9/31

Left Out: 201.091+/-0.034 χ^2/NDF:1731069.1/24

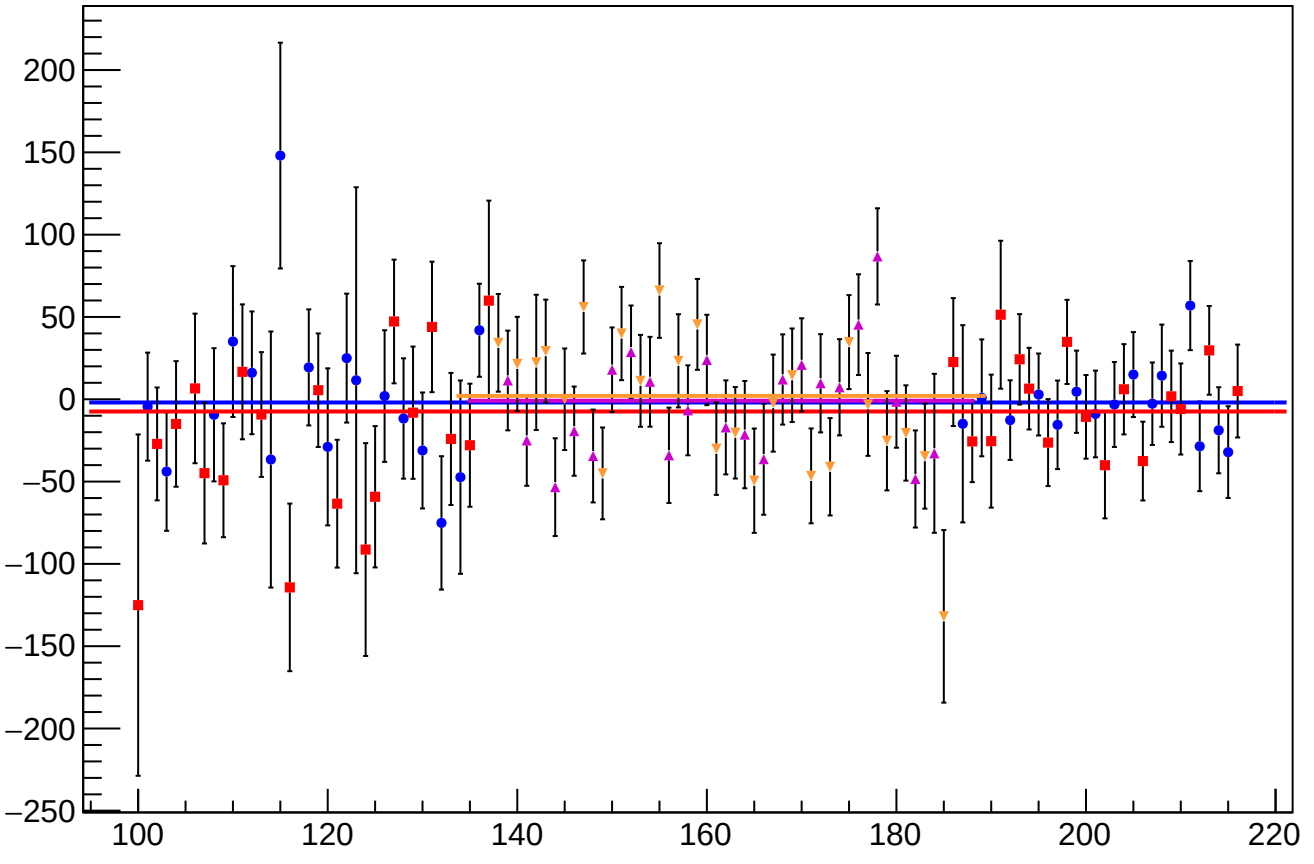
Right Out: 171.805+/-0.030 χ^2/NDF: 2796694.8/34

Left In: 182.396+/-0.032 χ^2/NDF:1548907.7/22

+ sign 185.035+/-0.023 χ^2/NDF: 4277557.7/56

All: 180.777+/-0.016 χ^2/NDF: 8748300.3/114

- sign 176.776+/-0.022 χ^2/NDF: 4402926.3/57



Right In: -1.946+/-5.764 χ^2/NDF: 24.1/31

Left Out: 2.054+/-5.970 χ^2/NDF:39.4/24

Right Out: -7.426+/-5.663 χ^2/NDF: 32.6/34

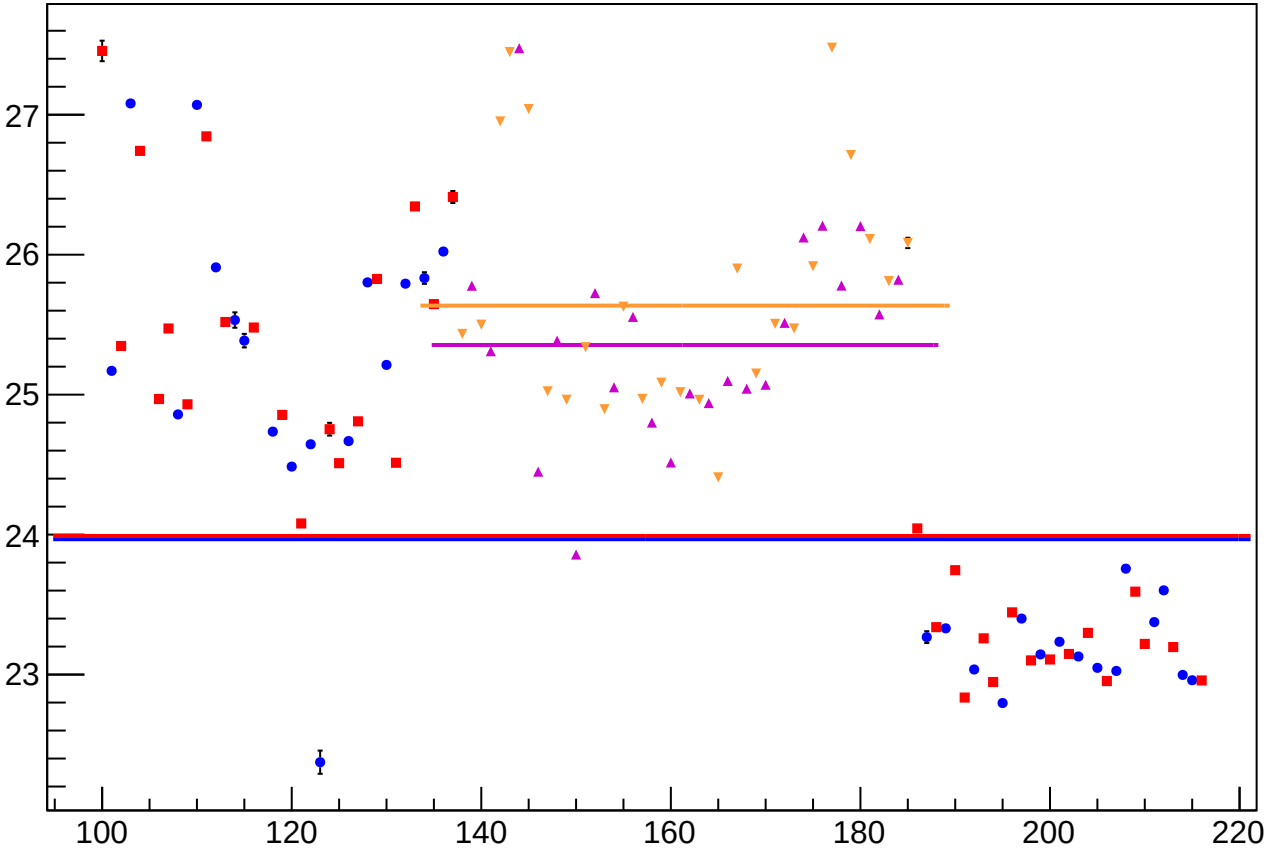
Left In: -0.900+/-6.069 χ^2/NDF:27.1/22

+ sign -0.016+/-4.147 χ^2/NDF: 63.8/56

All: -2.206+/-2.930 χ^2/NDF: 124.7/114

- sign -4.388+/-4.141 χ^2/NDF: 60.3/57

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 23.967+/-0.004 χ^2/NDF: 88990.7/31

Left Out: 25.636+/-0.004 χ^2/NDF:35130.7/24

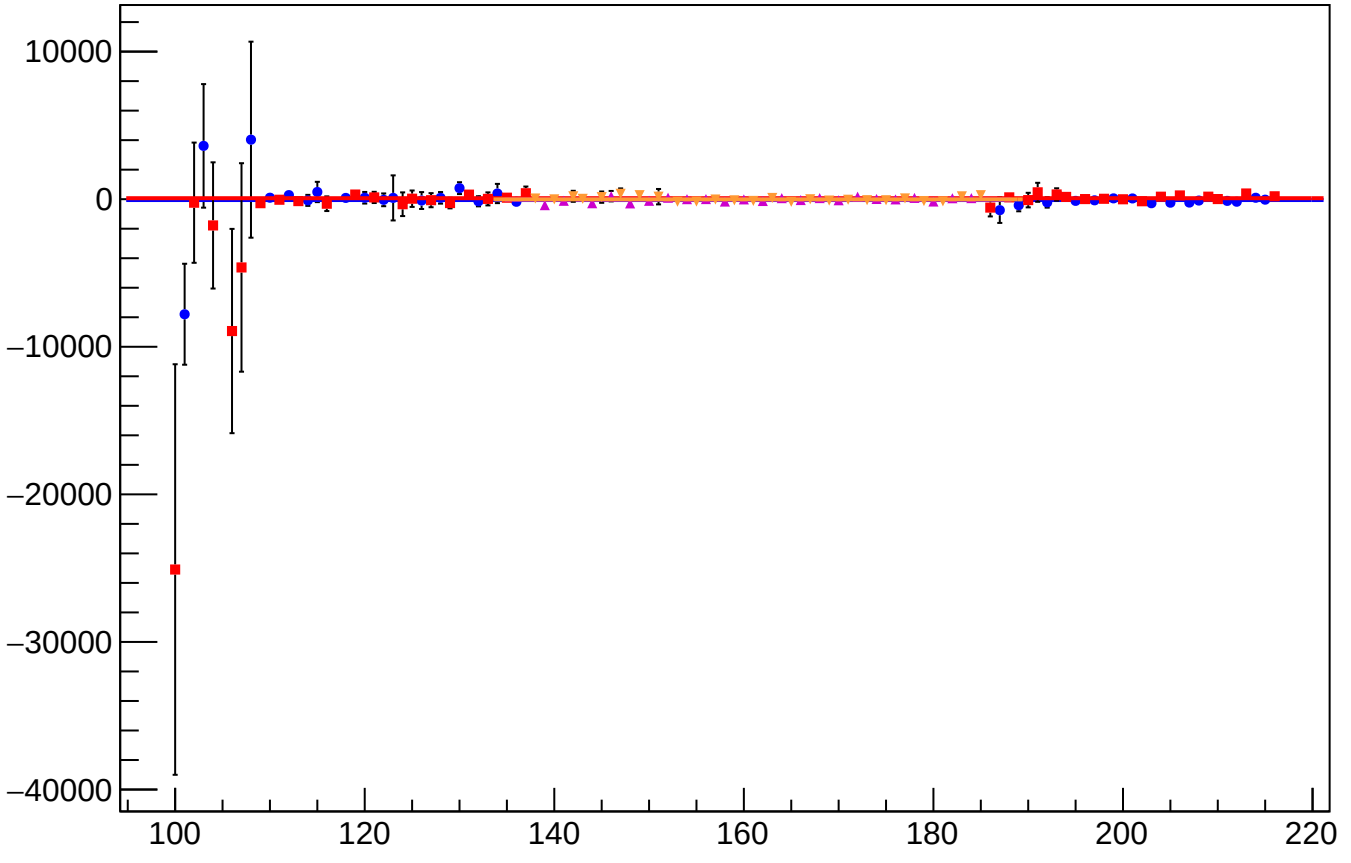
Right Out: 23.990+/-0.004 χ^2/NDF: 82775.3/34

Left In: 25.355+/-0.004 χ^2/NDF:29766.2/22

+ sign 24.772+/-0.003 χ^2/NDF: 205007.9/56

All: 24.699+/-0.002 χ^2/NDF: 372826.7/114

- sign 24.625+/-0.003 χ^2/NDF: 166561.8/57



Right In: -57.276+/-44.953 χ^2/NDF: 22.0/31

Left Out: -12.820+/-48.216 χ^2/NDF:7.9/24

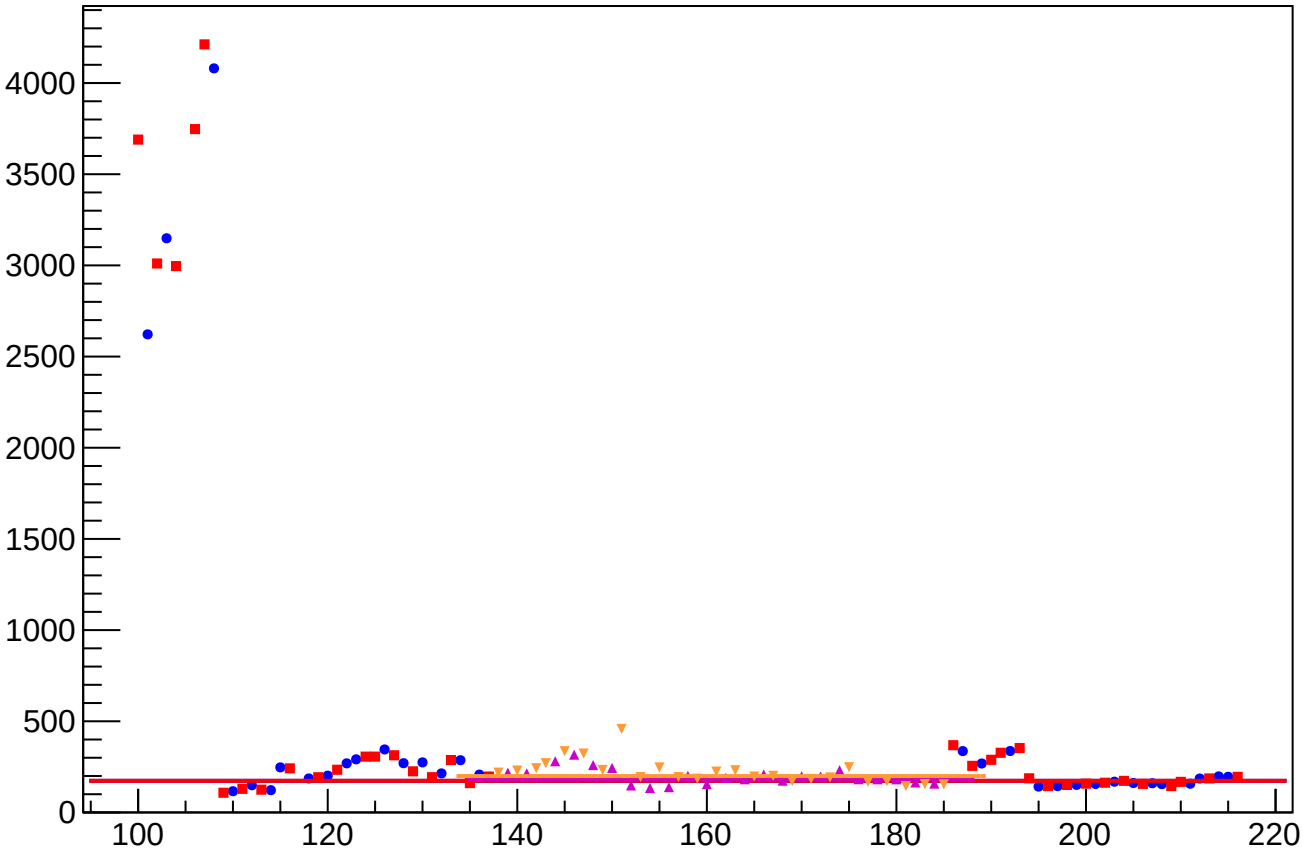
Right Out: 66.834+/-45.375 χ^2/NDF: 21.0/34

Left In: -26.836+/-45.876 χ^2/NDF:7.5/22

+ sign -36.603+/-32.880 χ^2/NDF: 30.3/56

All: -7.502+/-23.028 χ^2/NDF: 62.4/114

- sign 20.513+/-32.261 χ^2/NDF: 30.6/57



Right In: 173.289+/-0.032 χ^2/NDF: 4565883.1/31

Left Out: 199.536+/-0.034 χ^2/NDF:1880548.8/24

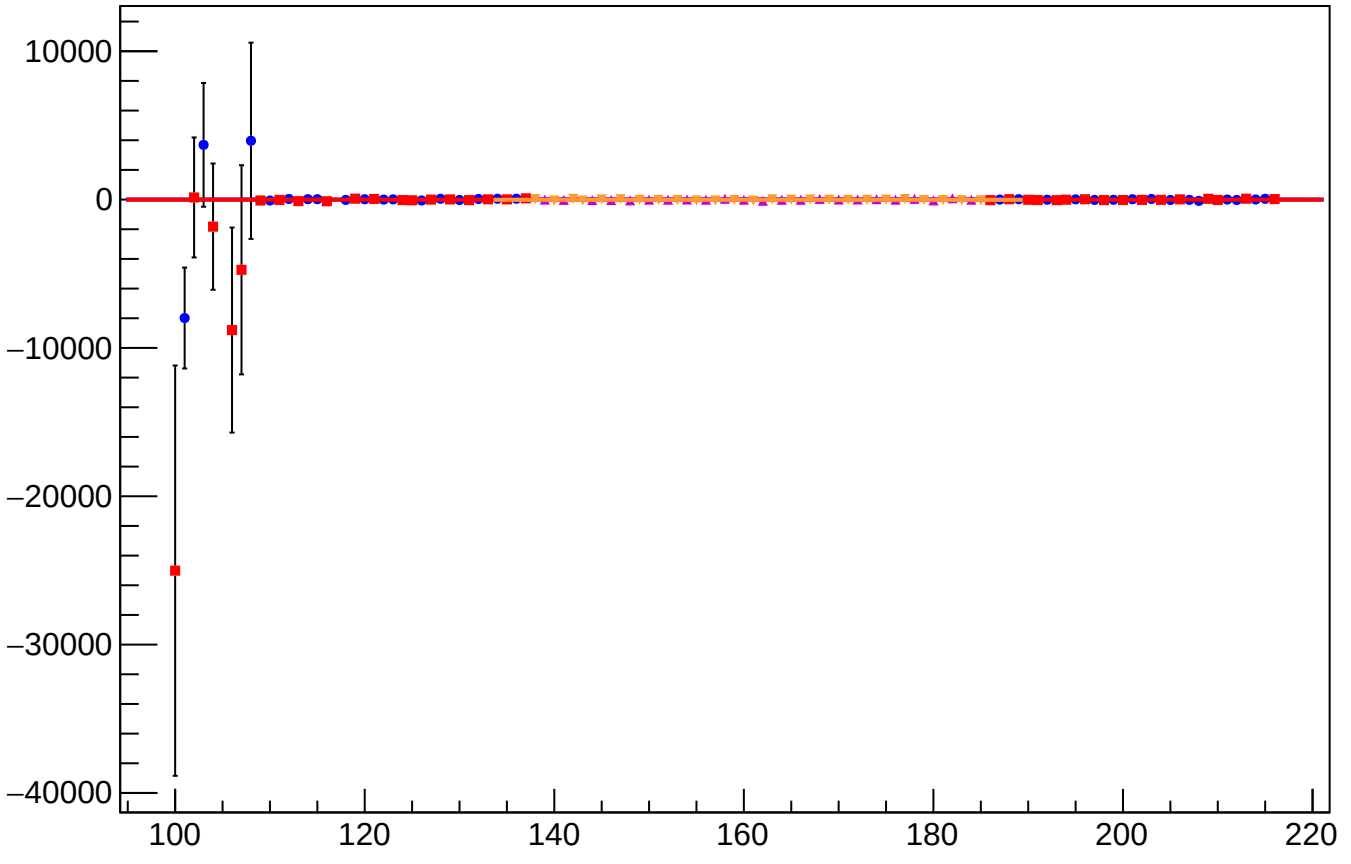
Right Out: 173.536+/-0.032 χ^2/NDF: 5419589.9/34

Left In: 184.031+/-0.032 χ^2/NDF:1423454.3/22

+ sign 185.495+/-0.023 χ^2/NDF: 6763465.4/56

All: 182.046+/-0.016 χ^2/NDF: 13702600.5/11

- sign 178.726+/-0.023 χ^2/NDF: 6895956.3/57



Right In: 1.595+/-6.919 χ^2/NDF: 33.5/31

Left Out: -17.580+/-6.694 χ^2/NDF:22.3/24

Right Out: -3.790+/-6.879 χ^2/NDF: 39.8/34

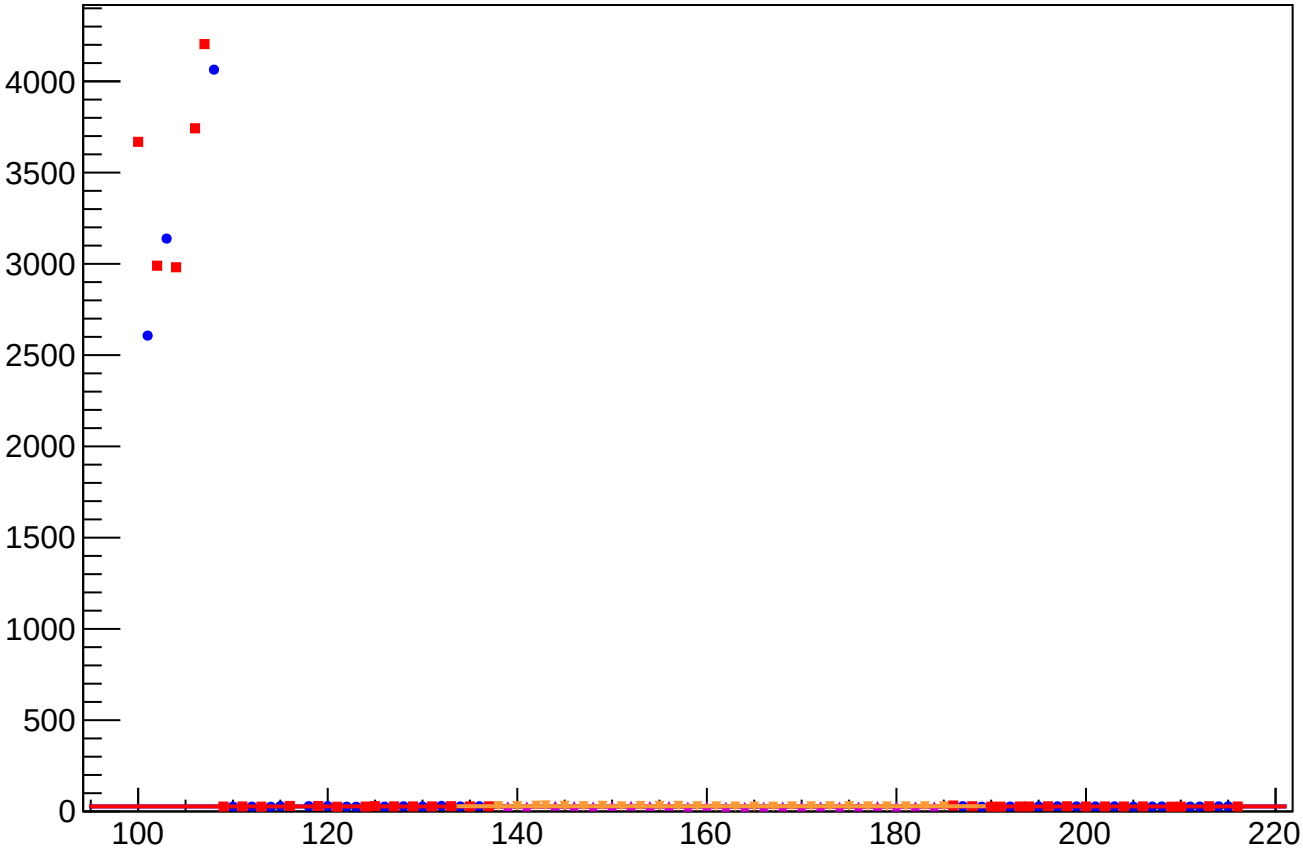
Left In: -1.038+/-6.880 χ^2/NDF:32.4/22

+ sign -8.310+/-4.811 χ^2/NDF: 59.8/56

All: -5.395+/-3.421 χ^2/NDF: 132.8/114

- sign -2.414+/-4.865 χ^2/NDF: 72.3/57

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.506+/-0.005 χ^2/NDF: 3044324.5/31

Left Out: 28.691+/-0.005 χ^2/NDF:110483.8/24

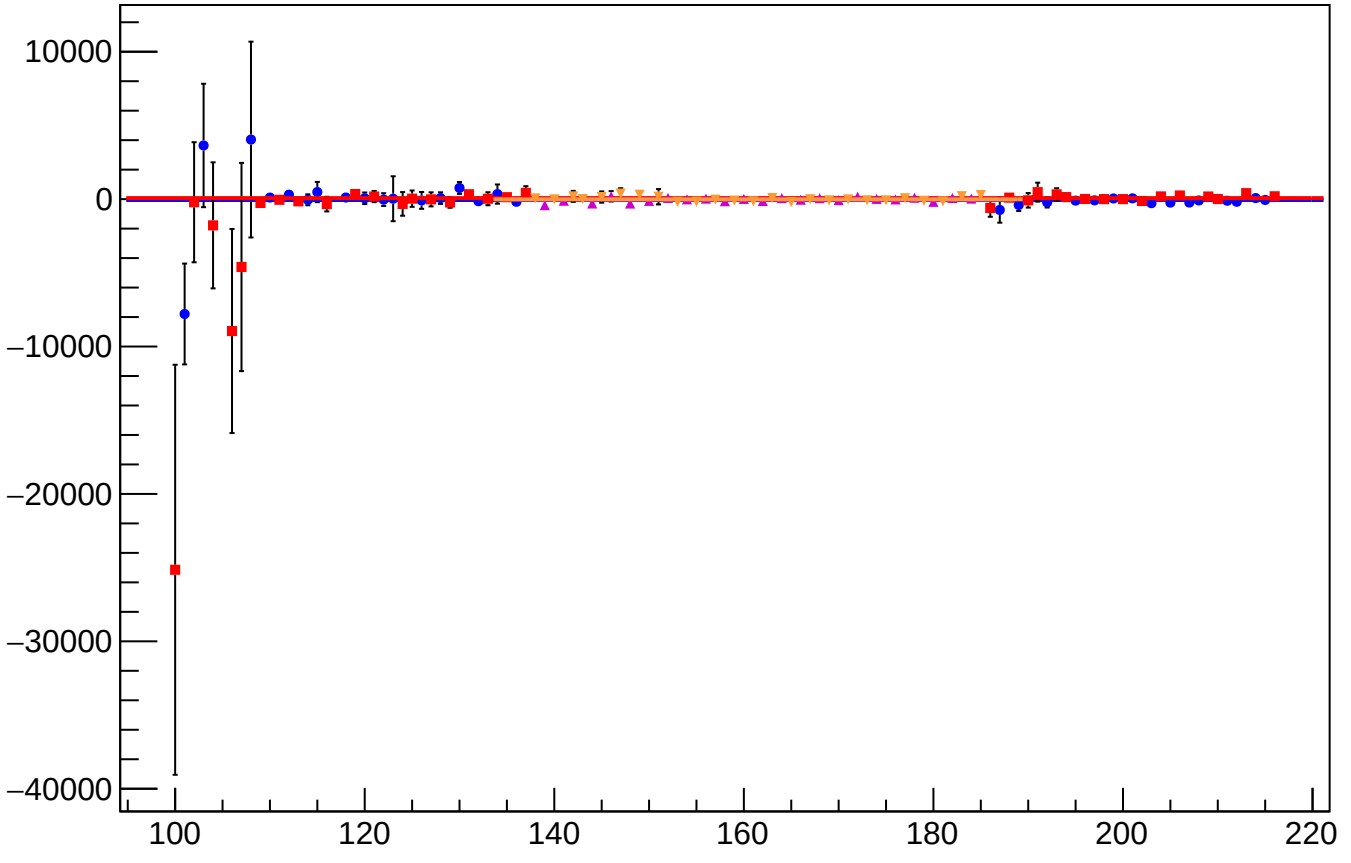
Right Out: 27.444+/-0.005 χ^2/NDF: 3514509.2/34

Left In: 28.673+/-0.005 χ^2/NDF:124751.4/22

+ sign 28.118+/-0.003 χ^2/NDF: 3185093.5/56

All: 28.089+/-0.002 χ^2/NDF: 6856384.9/114

- sign 28.058+/-0.003 χ^2/NDF: 3671139.6/57



Right In: -57.515+/-44.816 χ^2/NDF: 22.1/31

Left Out: -15.483+/-48.109 χ^2/NDF:8.7/24

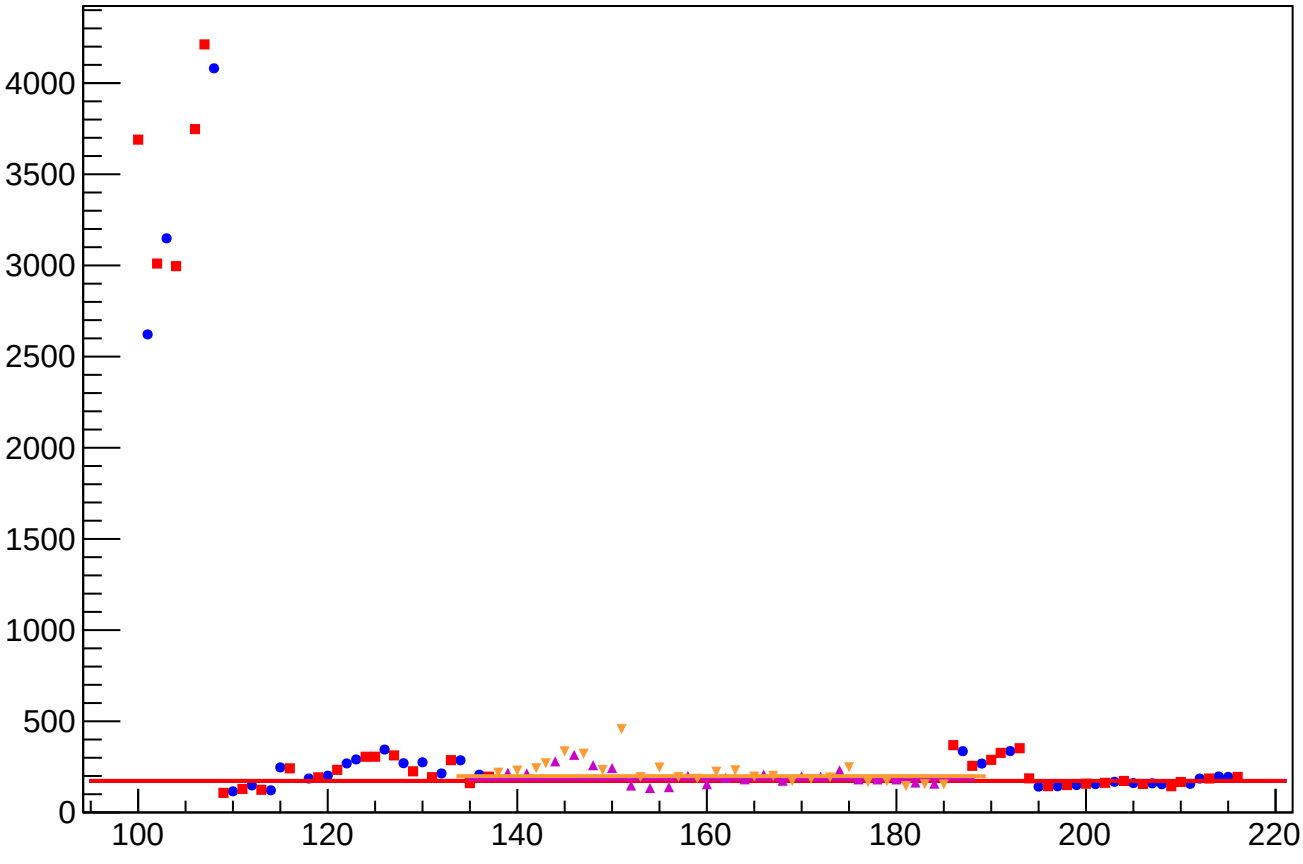
Right Out: 69.159+/-45.243 χ^2/NDF: 21.8/34

Left In: -27.009+/-45.785 χ^2/NDF:7.8/22

\+ sign -37.986+/-32.792 χ^2/NDF: 31.2/56

All: -7.609+/-22.969 χ^2/NDF: 64.8/114

\- sign 21.647+/-32.181 χ^2/NDF: 31.9/57



Right In: 172.723+/-0.032 χ^2/NDF: 4579459.4/31

Left Out: 199.094+/-0.034 χ^2/NDF:1880343.4/24

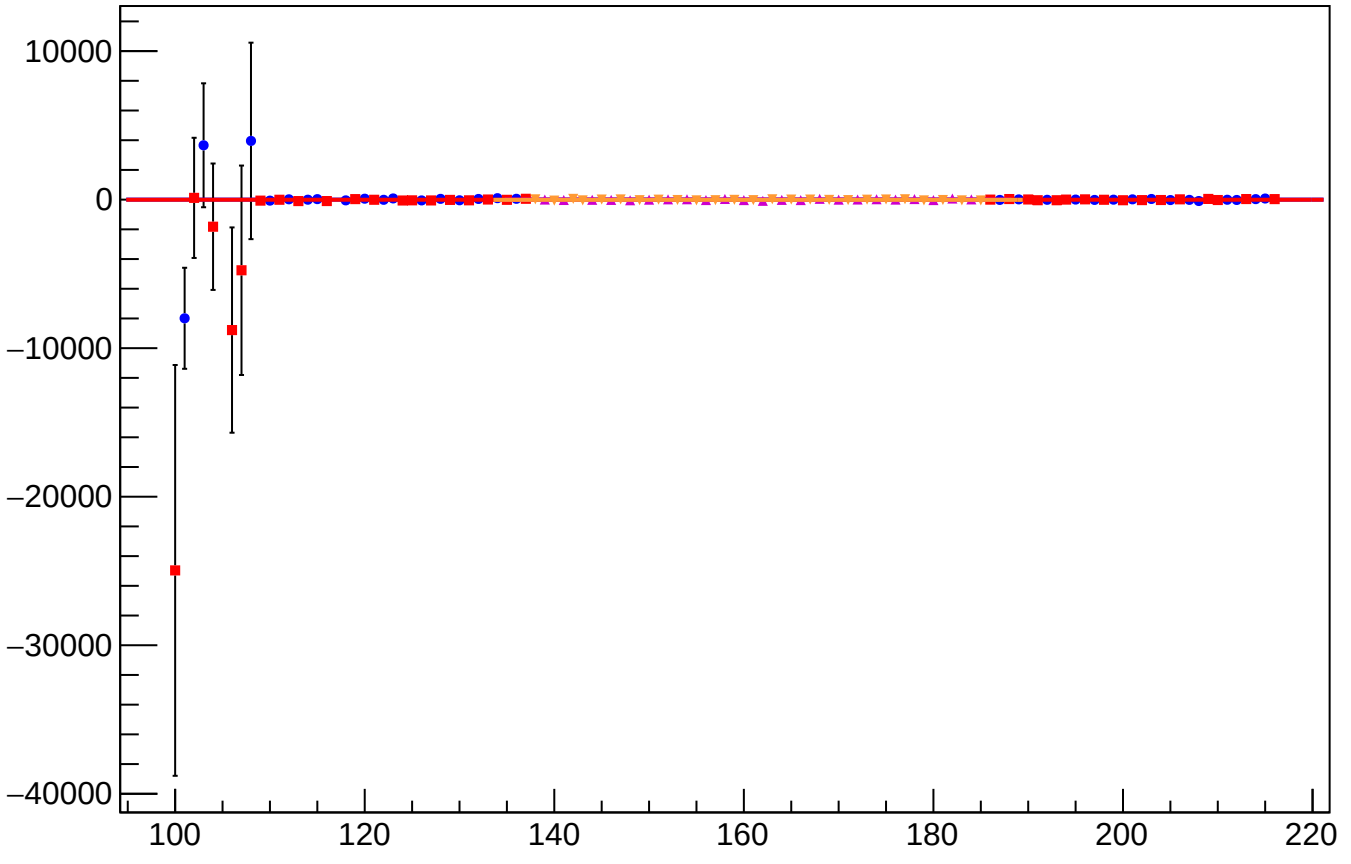
Right Out: 172.981+/-0.032 χ^2/NDF: 5437349.2/34

Left In: 183.667+/-0.032 χ^2/NDF:1422895.7/22

+ sign 184.975+/-0.023 χ^2/NDF: 6781530.9/56

All: 181.555+/-0.016 χ^2/NDF: 13739617.9/11

- sign 178.261+/-0.023 χ^2/NDF: 6915369.1/57



Right In: 1.809+/-6.882 χ^2/NDF: 41.1/31

Left Out: -15.006+/-6.723 χ^2/NDF:17.5/24

Right Out: -7.065+/-6.853 χ^2/NDF: 34.7/34

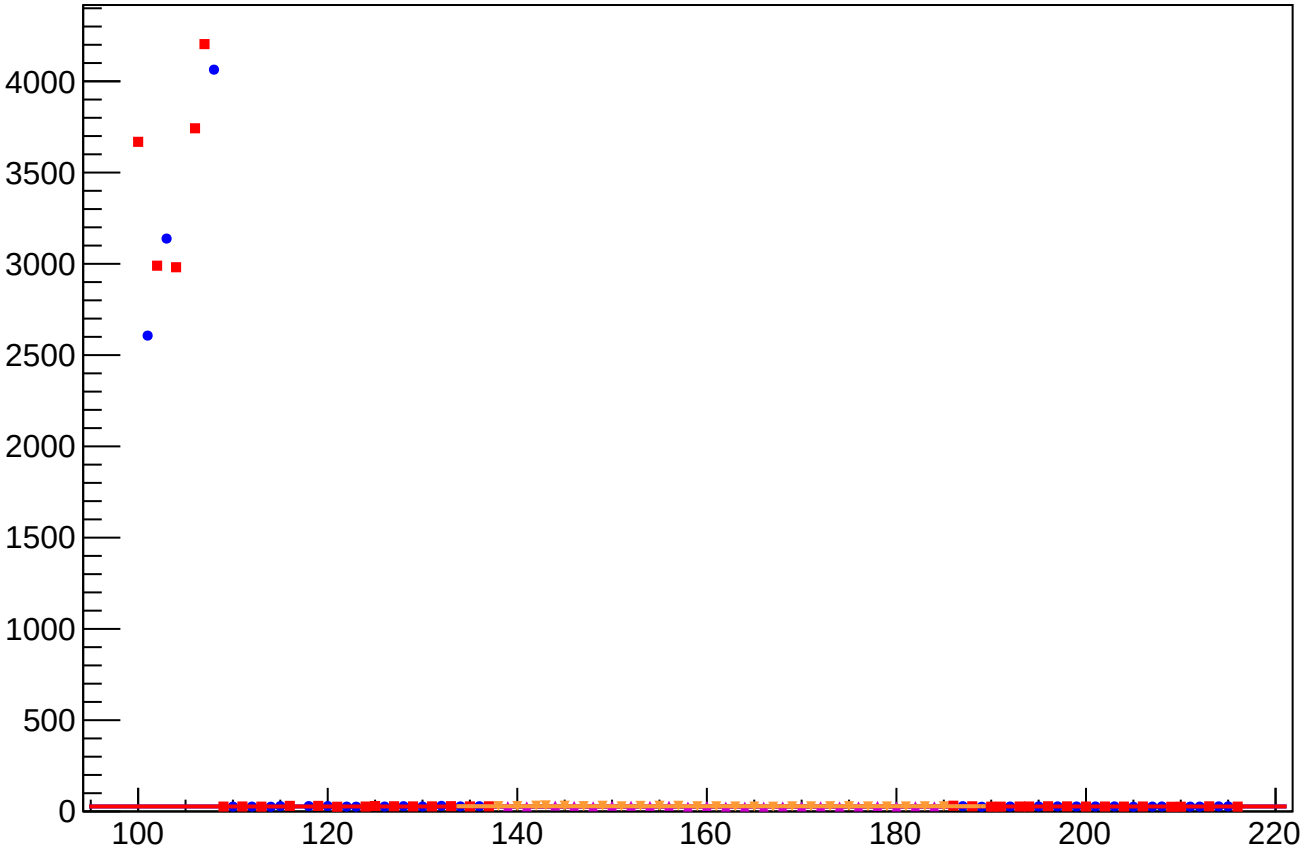
Left In: 0.702+/-6.909 χ^2/NDF:26.4/22

+ sign -6.794+/-4.809 χ^2/NDF: 61.6/56

All: -5.025+/-3.420 χ^2/NDF: 123.6/114

- sign -3.213+/-4.865 χ^2/NDF: 61.7/57

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.353+/-0.005 χ^2/NDF: 3051547.0/31

Left Out: 28.813+/-0.005 χ^2/NDF:121973.8/24

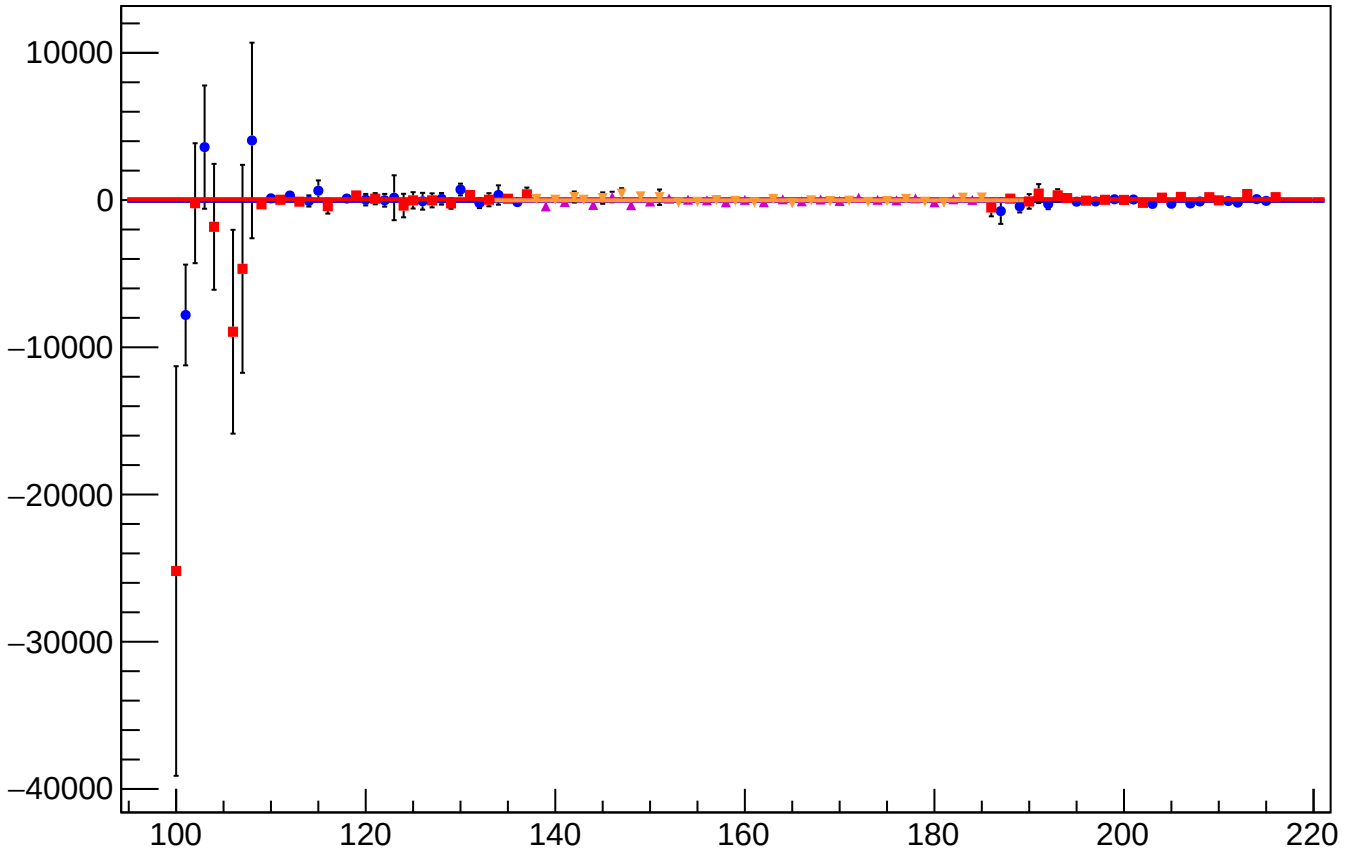
Right Out: 27.335+/-0.005 χ^2/NDF: 3519377.7/34

Left In: 28.792+/-0.005 χ^2/NDF:129393.1/22

+ sign 28.100+/-0.003 χ^2/NDF: 3219533.7/56

All: 28.079+/-0.002 χ^2/NDF: 6913227.3/114

- sign 28.058+/-0.003 χ^2/NDF: 3693617.8/57



Right In: -56.652+/-45.110 χ^2/NDF: 22.2/31

Left Out: -15.548+/-48.688 χ^2/NDF:8.0/24

Right Out: 62.277+/-45.567 χ^2/NDF: 21.4/34

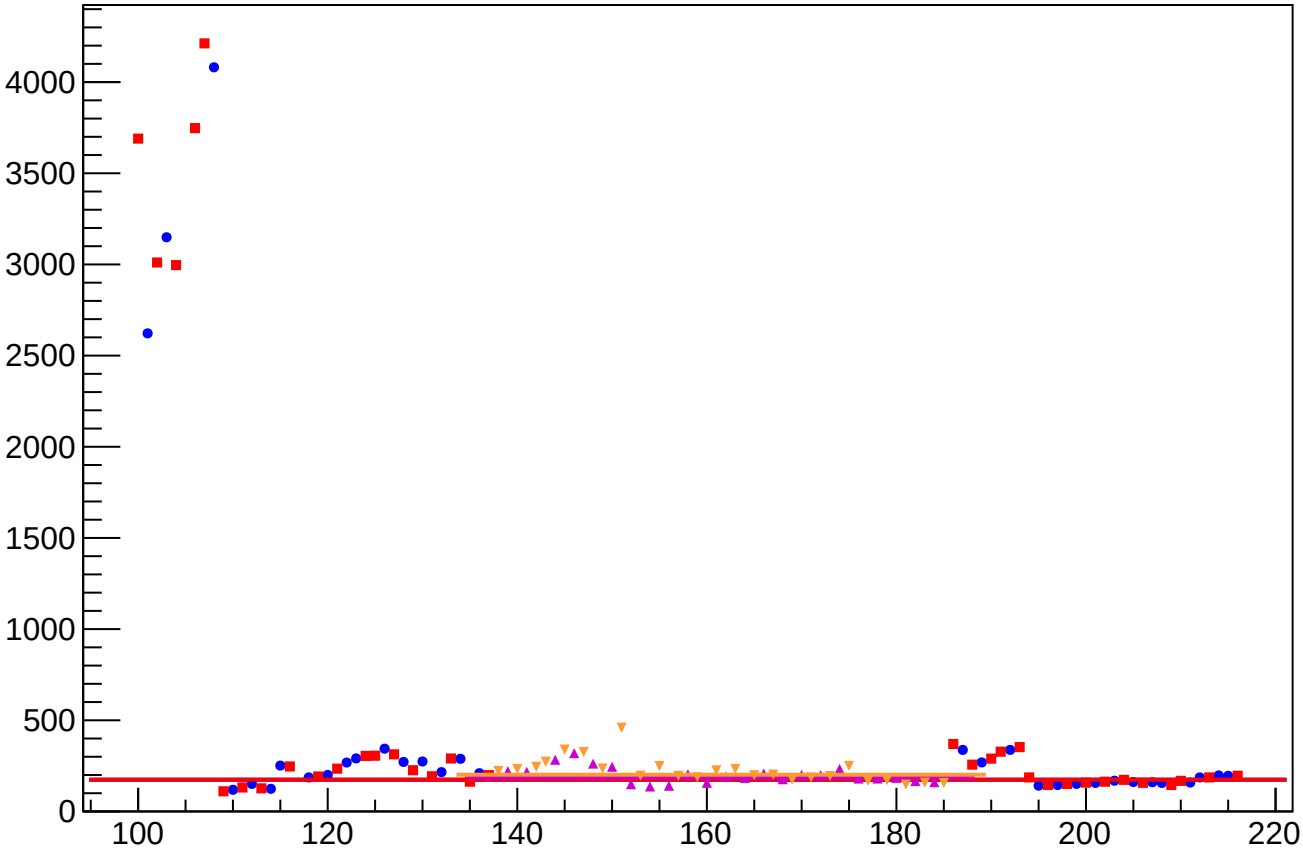
Left In: -31.170+/-46.359 χ^2/NDF:8.2/22

+ sign -37.665+/-33.090 χ^2/NDF: 30.6/56

All: -10.165+/-23.186 χ^2/NDF: 63.6/114

- sign 16.359+/-32.497 χ^2/NDF: 31.7/57

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 173.952+/-0.032 χ^2/NDF: 4543761.2/31

Left Out: 201.600+/-0.034 χ^2/NDF:1857453.2/24

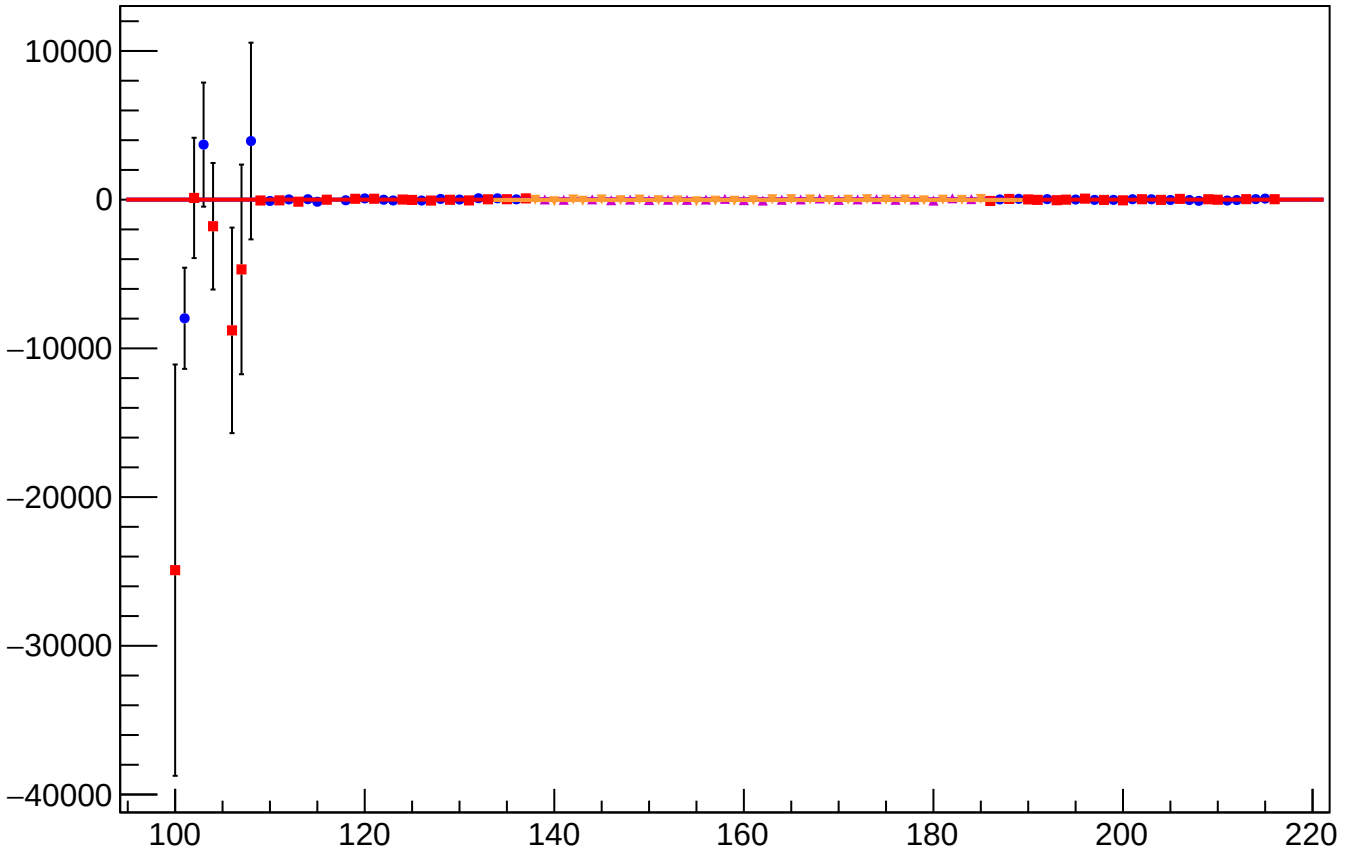
Right Out: 174.414+/-0.032 χ^2/NDF: 5377105.0/34

Left In: 186.107+/-0.033 χ^2/NDF:1391327.2/22

+ sign 186.723+/-0.023 χ^2/NDF: 6748259.3/56

All: 183.382+/-0.016 χ^2/NDF: 13621447.8/11

- sign 180.160+/-0.023 χ^2/NDF: 6833142.8/57



Right In: 3.805+/-8.395 χ^2/NDF: 35.0/31

Left Out: -23.360+/-8.064 χ^2/NDF:25.8/24

Right Out: 3.835+/-8.362 χ^2/NDF: 36.3/34

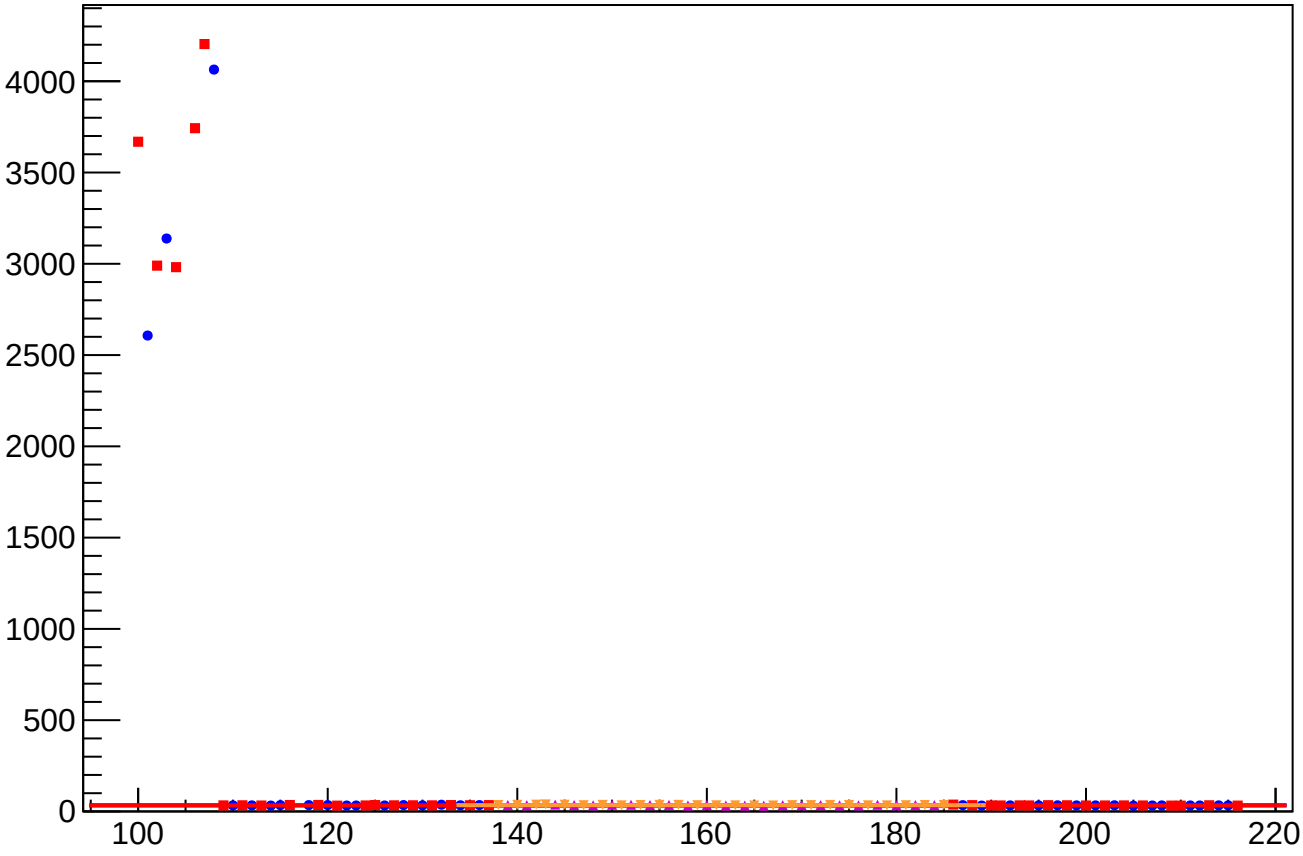
Left In: 6.001+/-8.309 χ^2/NDF:21.1/22

\+ sign -10.324+/-5.816 χ^2/NDF: 66.3/56

All: -2.801+/-4.140 χ^2/NDF: 127.2/114

\- sign 4.925+/-5.894 χ^2/NDF: 57.5/57

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.394+/-0.006 χ^2/NDF: 3020528.1/31

Left Out: 34.614+/-0.006 χ^2/NDF:57946.1/24

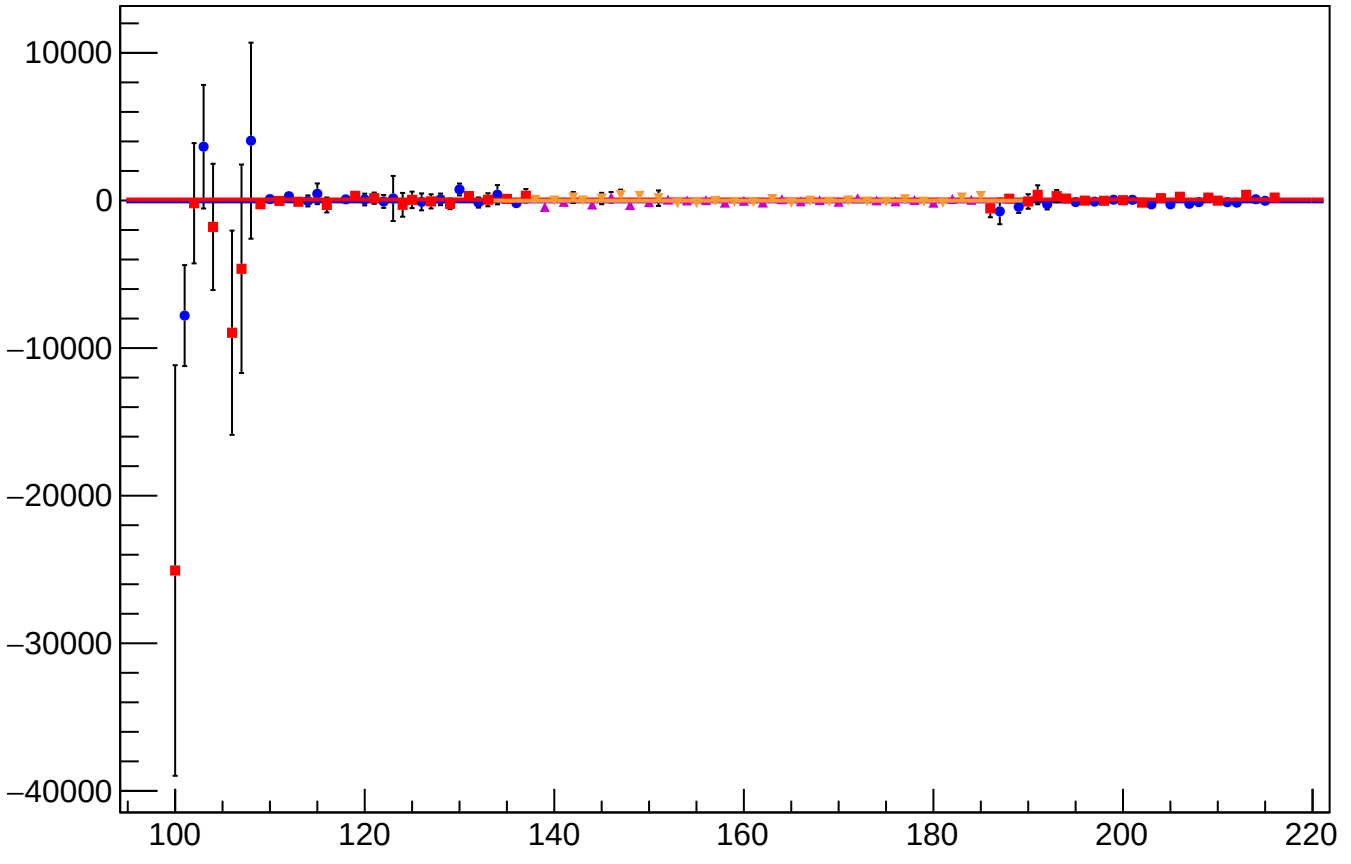
Right Out: 33.404+/-0.006 χ^2/NDF: 3476626.2/34

Left In: 34.685+/-0.006 χ^2/NDF:60315.2/22

+ sign 34.029+/-0.004 χ^2/NDF: 3100469.1/56

All: 34.038+/-0.003 χ^2/NDF: 6661057.8/114

- sign 34.048+/-0.004 χ^2/NDF: 3560577.1/57



Right In: -59.487+/-44.983 χ^2/NDF: 22.0/31

Left Out: -8.916+/-48.615 χ^2/NDF:8.6/24

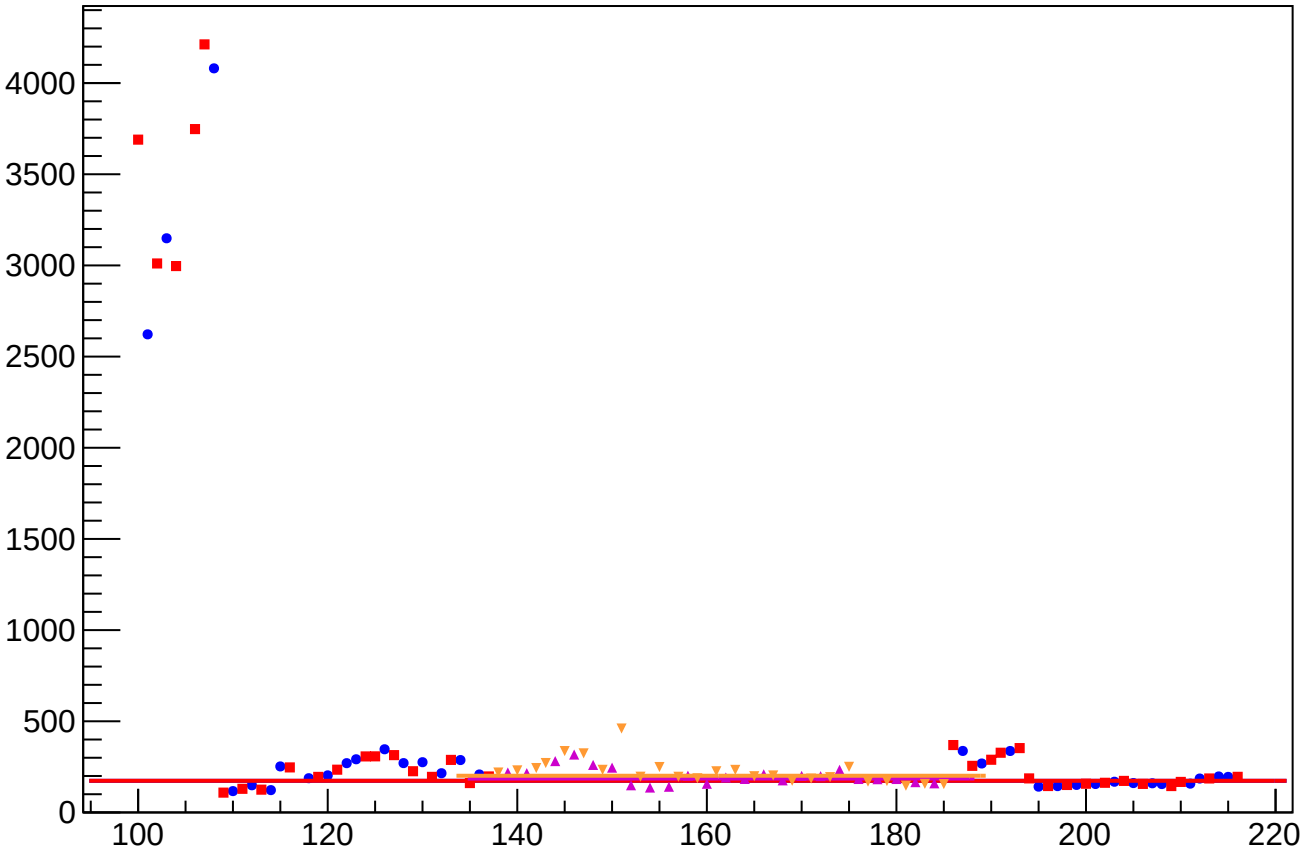
Right Out: 66.153+/-45.402 χ^2/NDF: 19.7/34

Left In: -34.127+/-46.296 χ^2/NDF:7.4/22

+ sign -36.161+/-33.017 χ^2/NDF: 31.2/56

All: -9.097+/-23.131 χ^2/NDF: 62.1/114

- sign 16.990+/-32.416 χ^2/NDF: 29.6/57



Right In: 173.385+/-0.032 χ^2/NDF: 4574041.8/31

Left Out: 201.296+/-0.034 χ^2/NDF:1851134.1/24

Right Out: 173.635+/-0.032 χ^2/NDF: 5425722.2/34

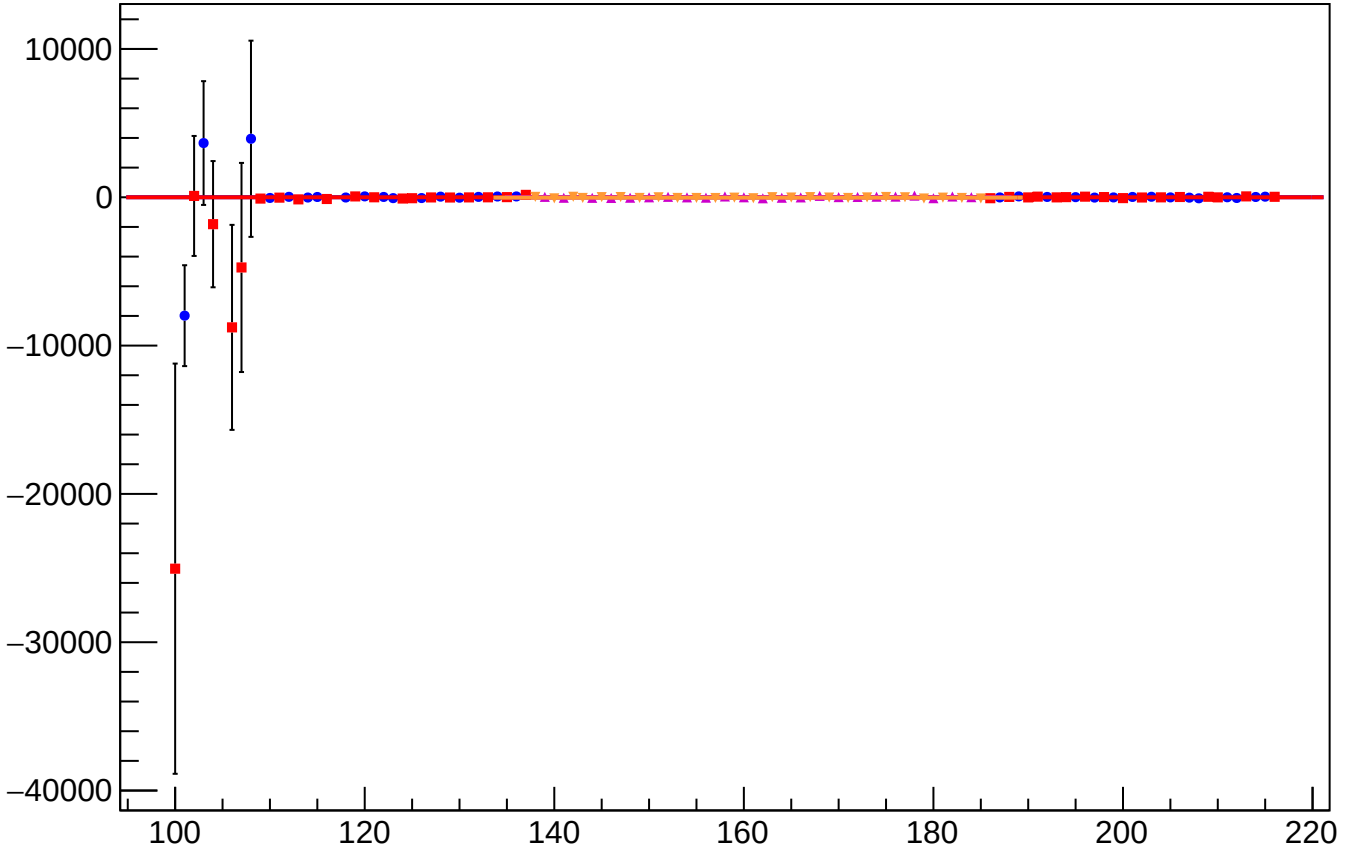
Left In: 185.854+/-0.033 χ^2/NDF:1381771.9/22

+ sign 186.259+/-0.023 χ^2/NDF: 6780339.1/56

All: 182.881+/-0.016 χ^2/NDF: 13699968.0/11

- sign 179.625+/-0.023 χ^2/NDF: 6878512.9/57

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 4.675+/-7.597 χ^2/NDF: 26.5/31

Left Out: -22.879+/-7.340 χ^2/NDF:18.8/24

Right Out: -0.465+/-7.566 χ^2/NDF: 42.7/34

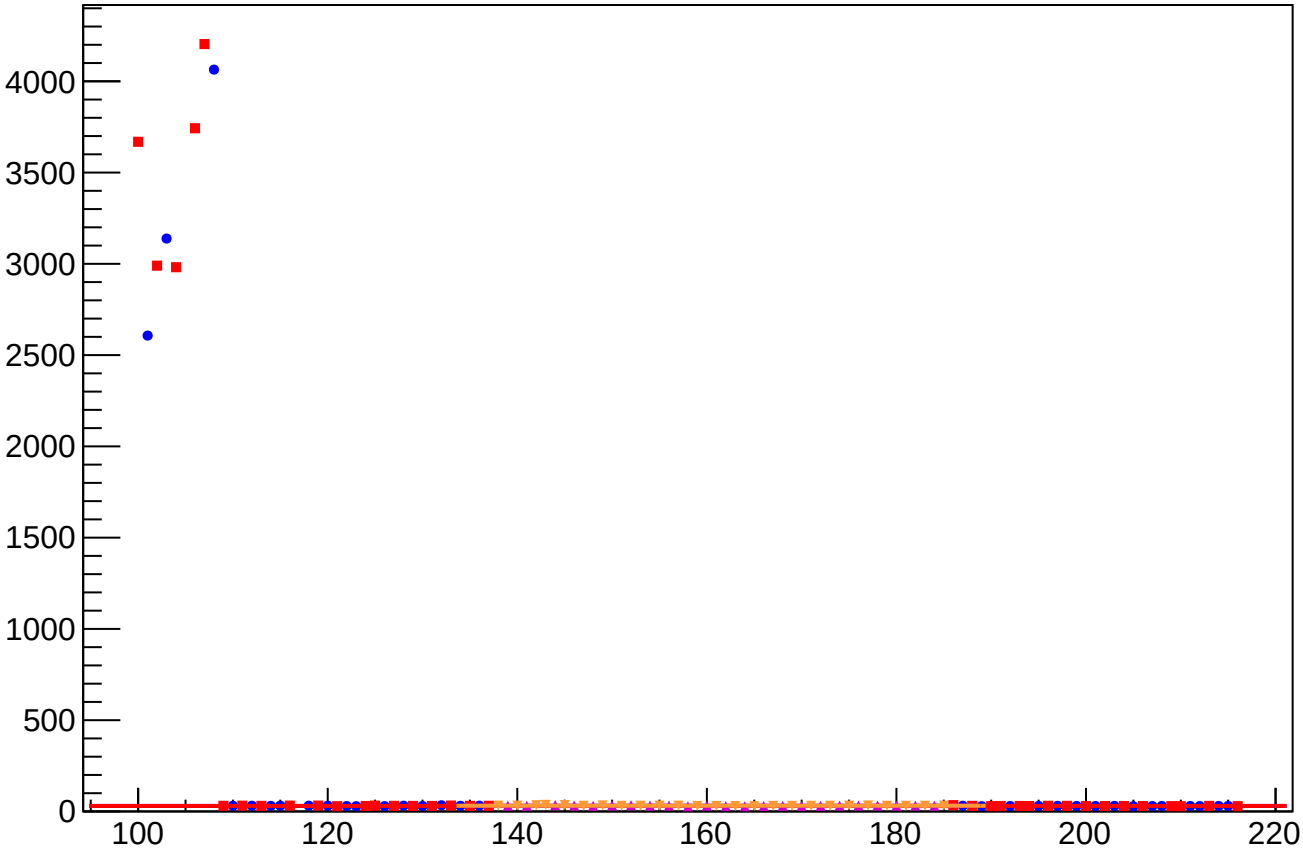
Left In: 5.943+/-7.550 χ^2/NDF:38.3/22

+ sign -9.576+/-5.279 χ^2/NDF: 52.1/56

All: -3.491+/-3.756 χ^2/NDF: 136.2/114

- sign 2.746+/-5.344 χ^2/NDF: 81.4/57

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 30.208+/-0.005 χ^2/NDF: 3038376.5/31

Left Out: 31.482+/-0.005 χ^2/NDF:82437.2/24

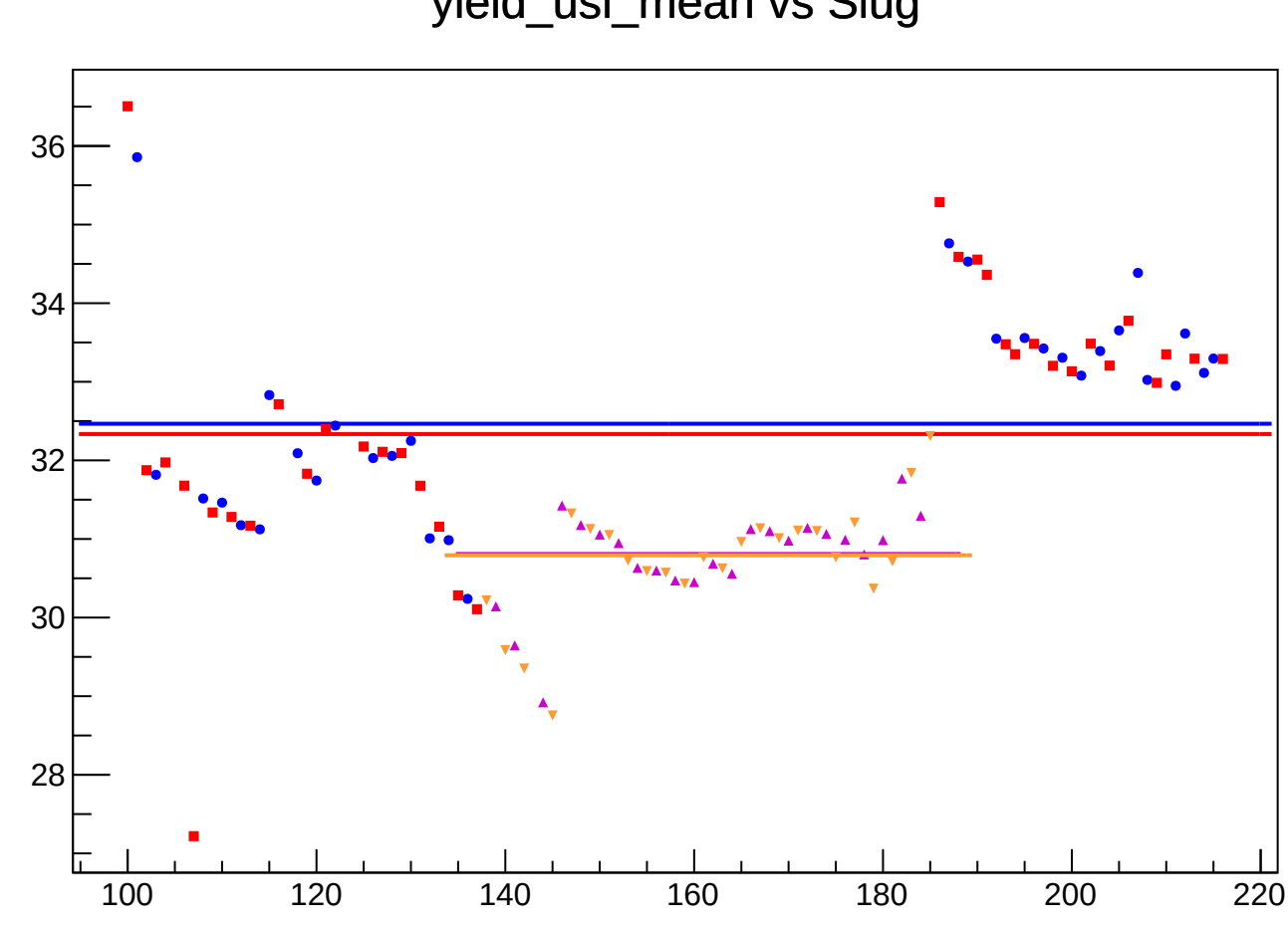
Right Out: 30.197+/-0.005 χ^2/NDF: 3495768.1/34

Left In: 31.484+/-0.005 χ^2/NDF:87981.1/22

+ sign 30.867+/-0.004 χ^2/NDF: 3149892.3/56

All: 30.855+/-0.003 χ^2/NDF: 6762663.1/114

- sign 30.842+/-0.004 χ^2/NDF: 3612749.6/57



Right In: 32.466+/-0.000 χ^2/NDF: 3022218726.7/30

Left Out: 30.793+/-0.000 χ^2/NDF:1007261340.7/23

Right Out: 32.335+/-0.000 χ^2/NDF: 2590027117.6/33

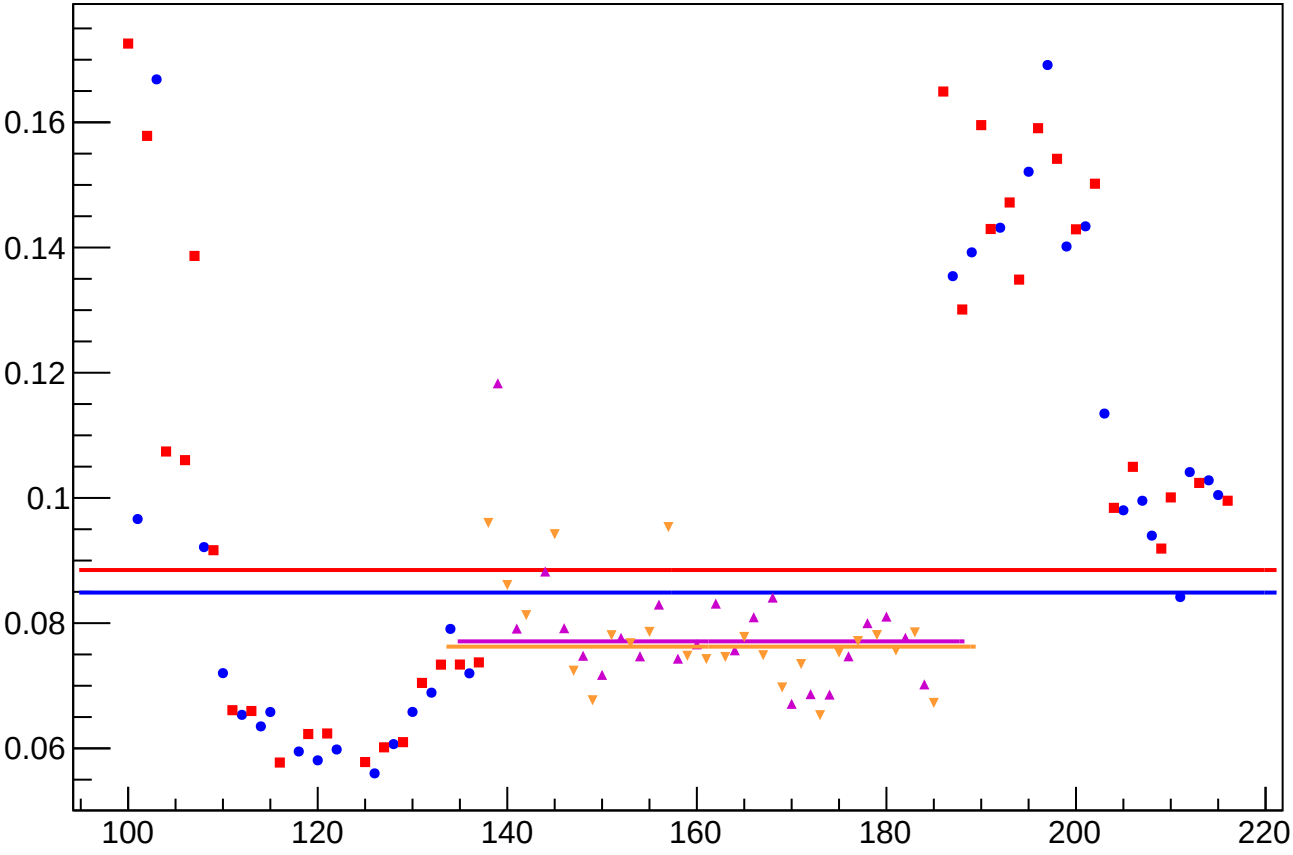
Left In: 30.809+/-0.000 χ^2/NDF:821961762.3/22

+ sign 31.503+/-0.000 χ^2/NDF: 7311896076.6/54

All: 31.475+/-0.000 χ^2/NDF: 13315705650.2

- sign 31.444+/-0.000 χ^2/NDF: 5995665019.4/56

yield_usl_rms vs Slug



Right In: 0.085+/-0.000 χ^2/NDF: 3274365.1/30

Left Out: 0.076+/-0.000 χ^2/NDF:277876.5/23

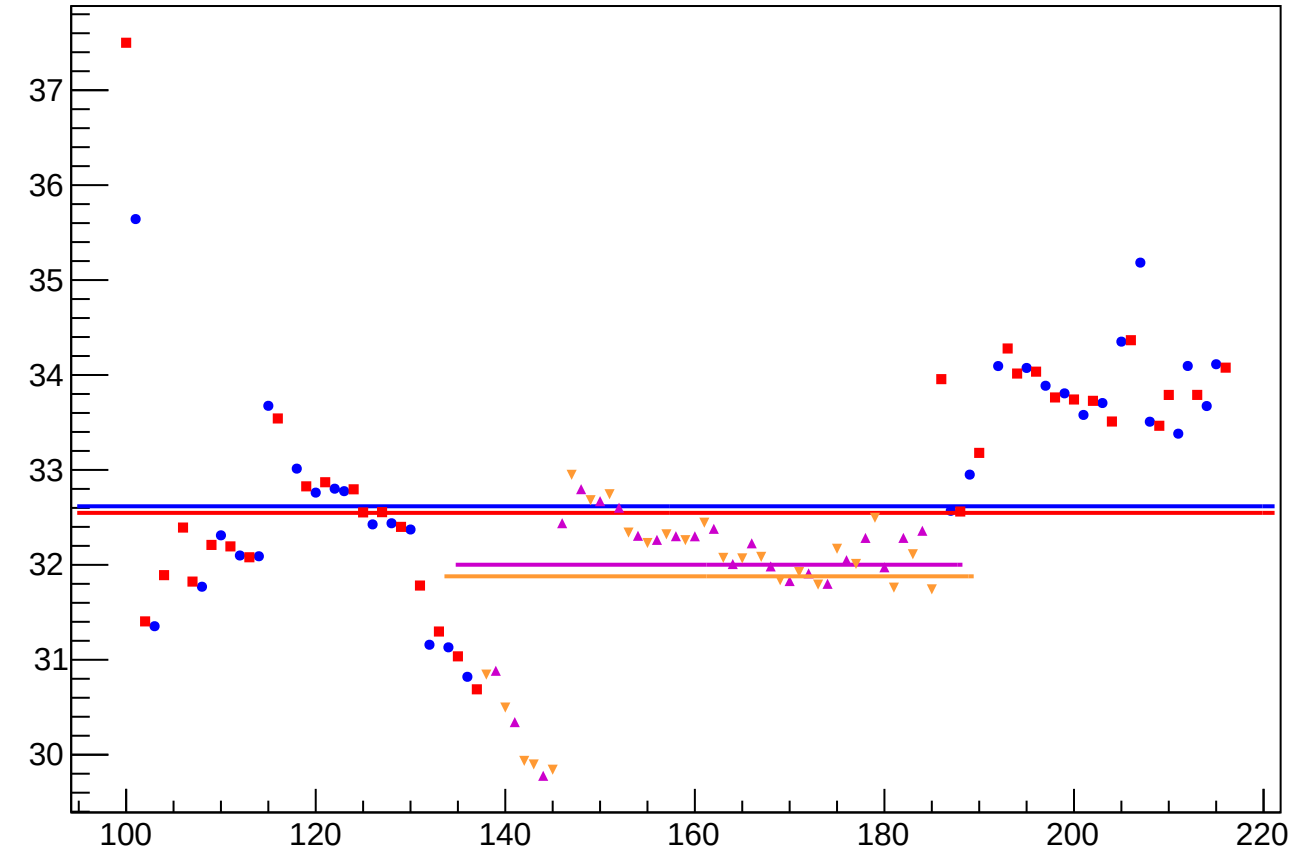
Right Out: 0.088+/-0.000 χ^2/NDF: 3676402.8/33

Left In: 0.077+/-0.000 χ^2/NDF:325844.3/22

+ sign 0.080+/-0.000 χ^2/NDF: 3727087.2/54

All: 0.081+/-0.000 χ^2/NDF: 8034822.3/111

- sign 0.082+/-0.000 χ^2/NDF: 4290509.0/56



Right In: 32.617+/-0.000 χ^2/NDF: 1645675448.5/31

Left Out: 31.879+/-0.000 χ^2/NDF:1976281391.1/24

Right Out: 32.548+/-0.000 χ^2/NDF: 988210465.5/33

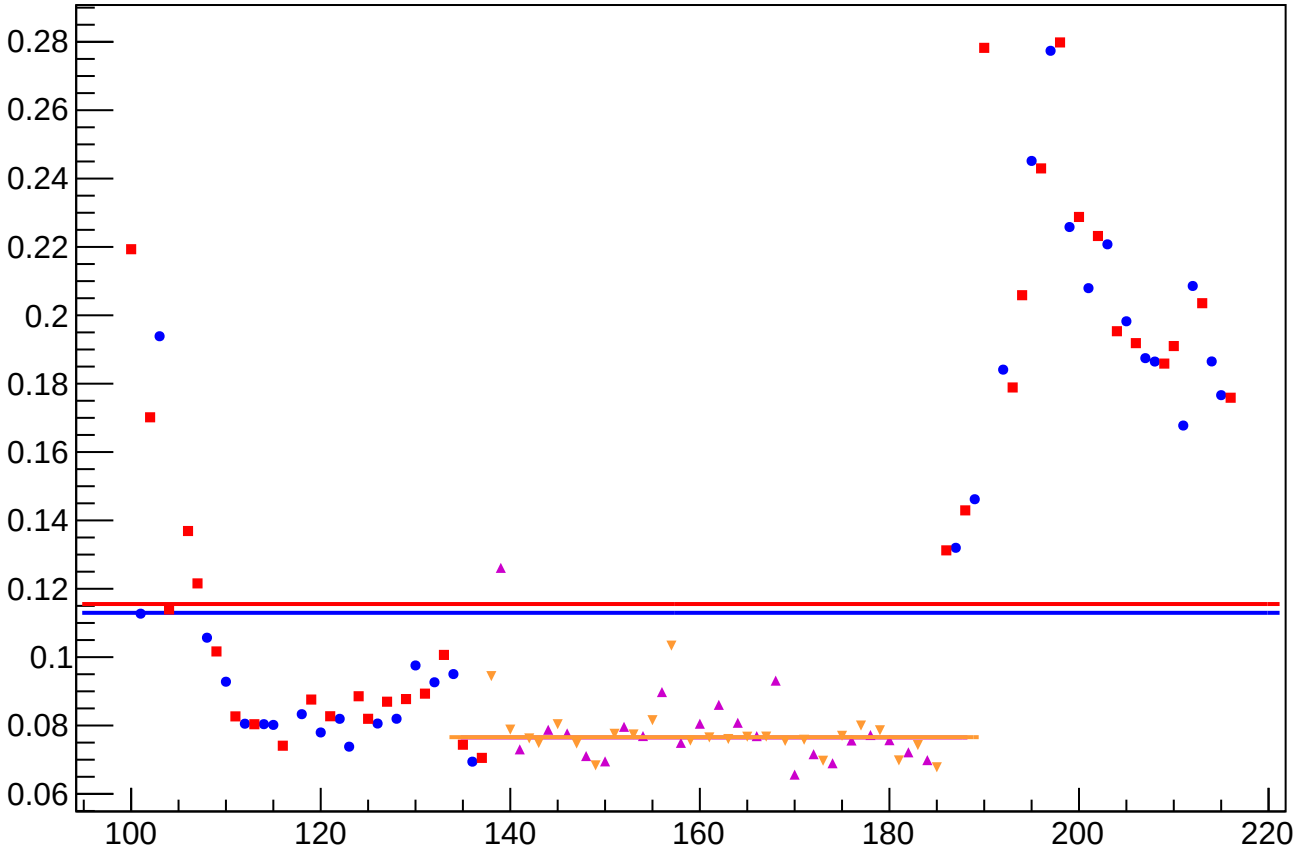
Left In: 32.001+/-0.000 χ^2/NDF:1411110671.9/22

+ sign 32.076+/-0.000 χ^2/NDF: 4040350486.8/56

All: 32.113+/-0.000 χ^2/NDF: 6674407594.3/1

- sign 32.151+/-0.000 χ^2/NDF: 2623399993.8/56

yield_usr_rms vs Slug



Right In: 0.113+/-0.000 χ^2/NDF: 5616246.2/31

Left Out: 0.077+/-0.000 χ^2/NDF:209648.5/24

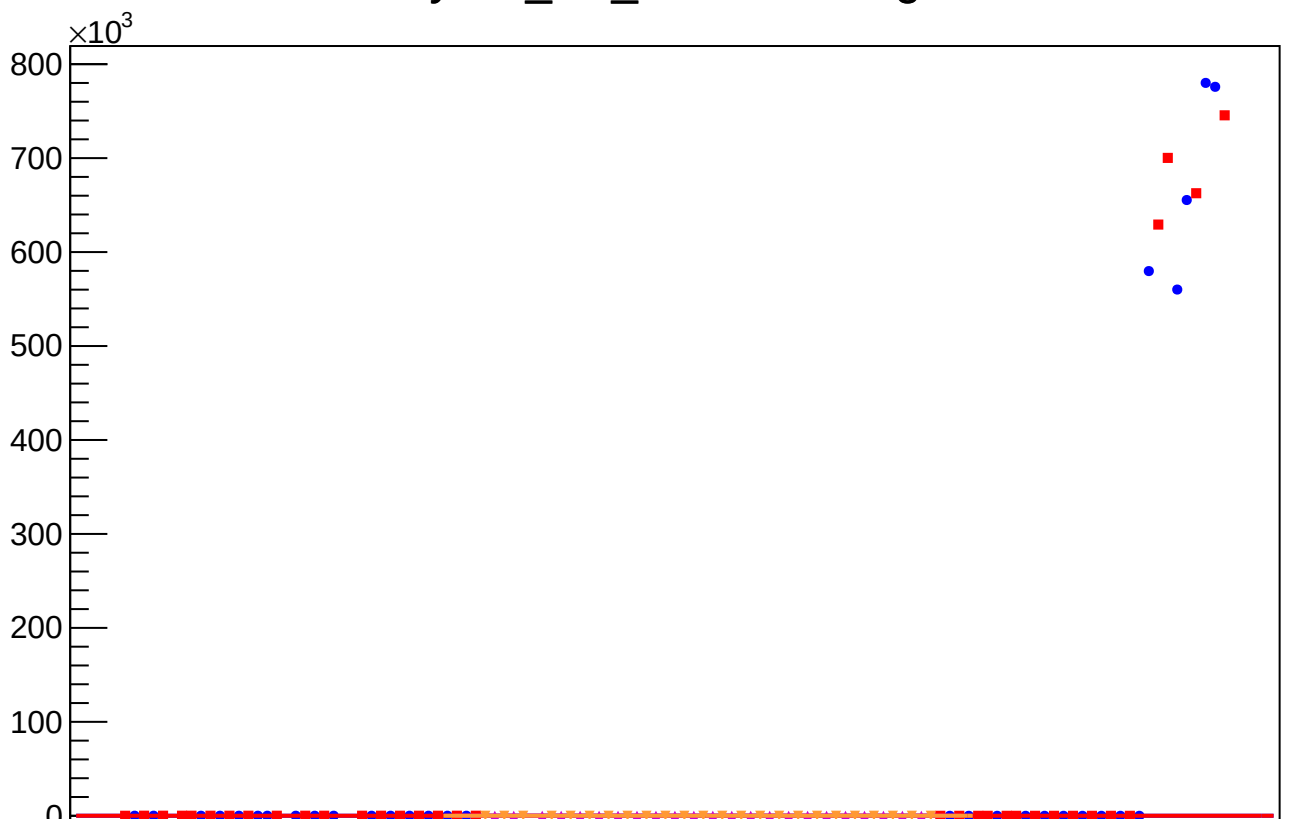
Right Out: 0.116+/-0.000 χ^2/NDF: 5229916.6/33

Left In: 0.076+/-0.000 χ^2/NDF:432563.3/22

+ sign 0.086+/-0.000 χ^2/NDF: 7859686.9/56

All: 0.087+/-0.000 χ^2/NDF: 15814106.3/113

- sign 0.087+/-0.000 χ^2/NDF: 7951560.7/56



Right In: 54.615+/-0.000 χ^2/NDF: 10853554000542.4/30

Left Out: 83.402+/-0.000 χ^2/NDF:8756634444.3/23

Right Out: 51.099+/-0.000 χ^2/NDF: 11528454399841.9/33

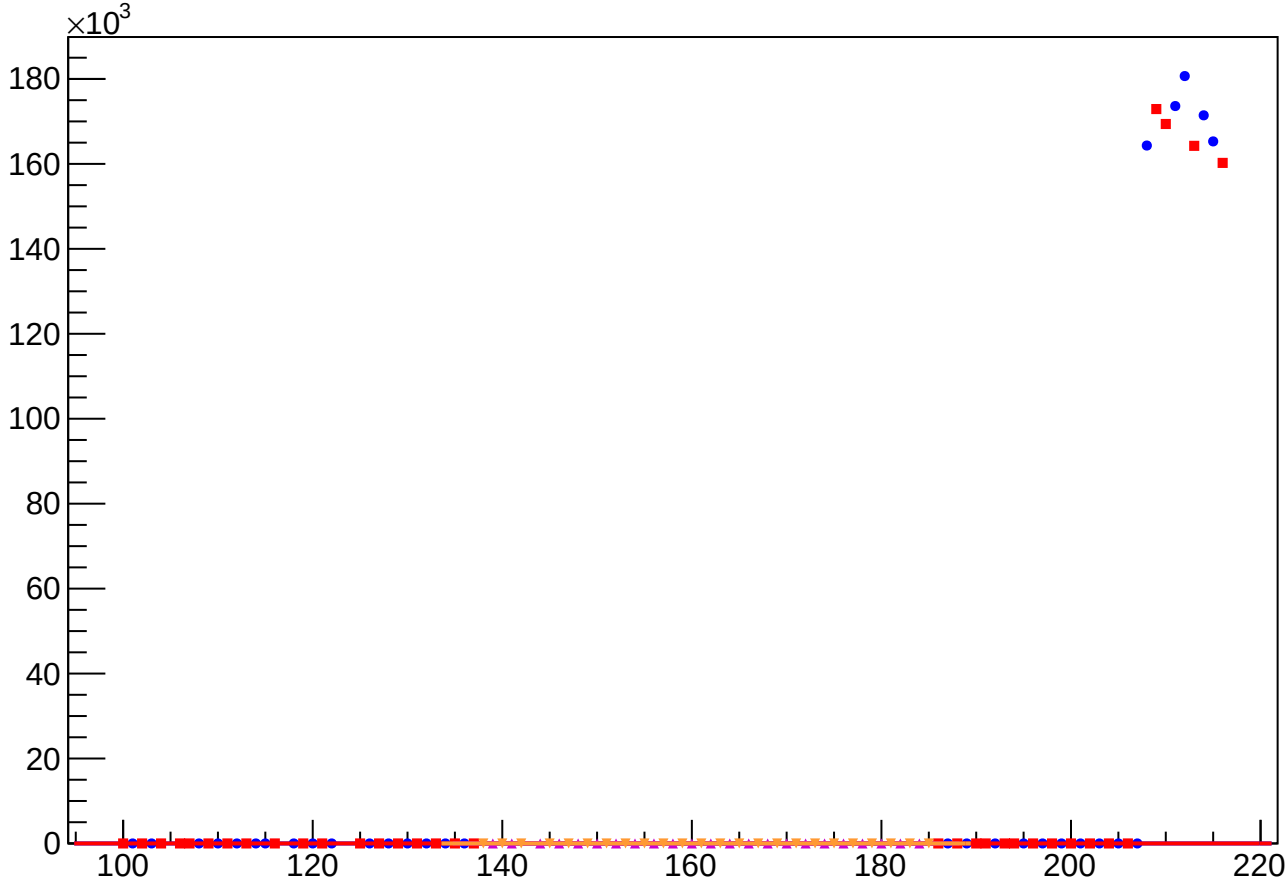
Left In: 83.309+/-0.000 χ^2/NDF:8421247810.9/22

+ sign 71.450+/-0.000 χ^2/NDF: 13713608649130.1

All: 70.353+/-0.000 χ^2/NDF: 2903832364842

- sign 69.298+/-0.000 χ^2/NDF: 15291269249276.4/

yield_dsl_rms vs Slug



Right In: 0.047+/-0.000 χ^2/NDF: 7420716.1/30

Left Out: 0.045+/-0.000 χ^2/NDF:206685.9/23

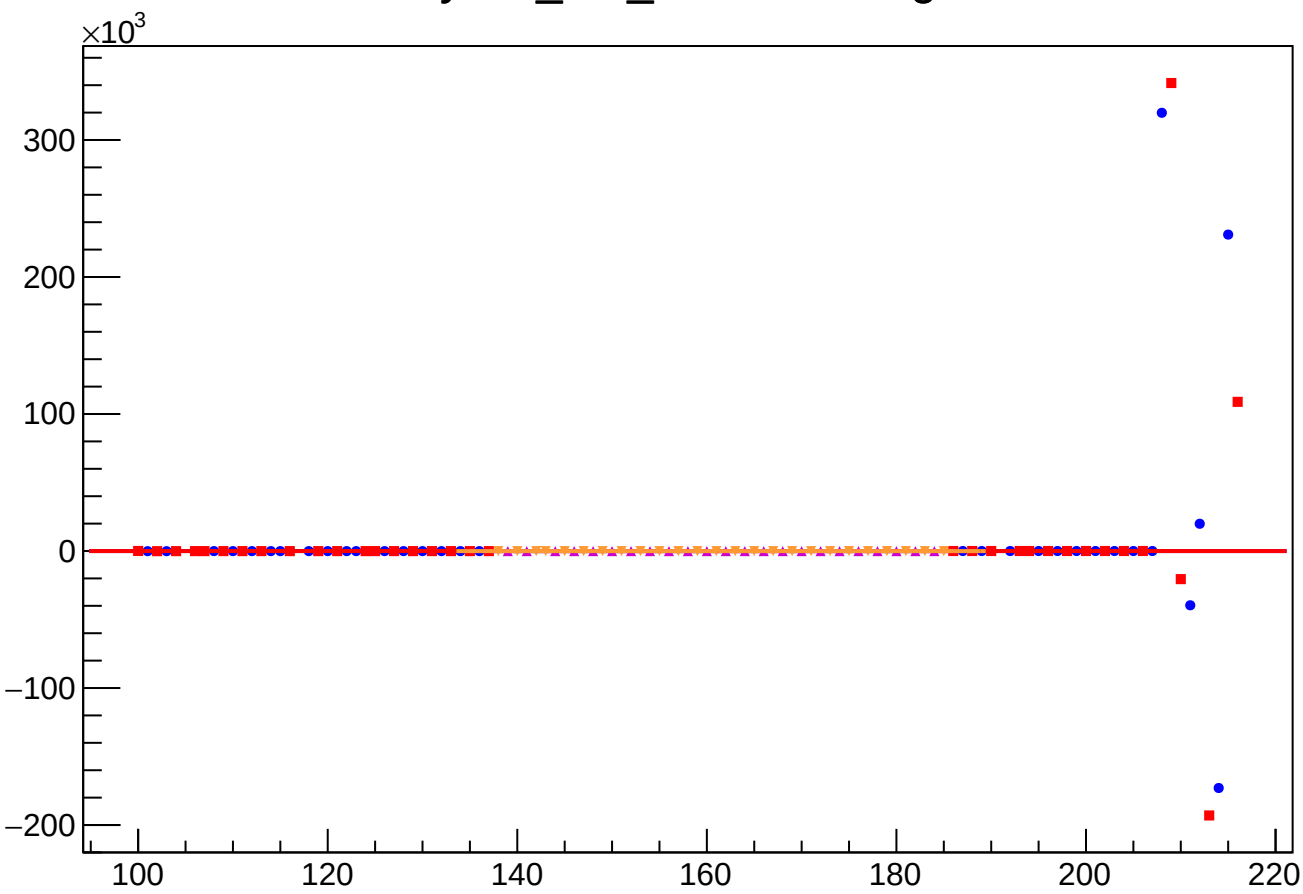
Right Out: 0.047+/-0.000 χ^2/NDF: 6224148.0/33

Left In: 0.045+/-0.000 χ^2/NDF:242885.4/22

+ sign 0.046+/-0.000 χ^2/NDF: 7646605.4/54

All: 0.046+/-0.000 χ^2/NDF: 14140974.3/111

- sign 0.046+/-0.000 χ^2/NDF: 6494084.6/56



Right In: -30.026+/-0.000 χ^2/NDF: 7479129971869.0/31

Left Out: -69.461+/-0.000 χ^2/NDF:49572401.9/24

Right Out: -28.760+/-0.000 χ^2/NDF: 7325682130884.0/33

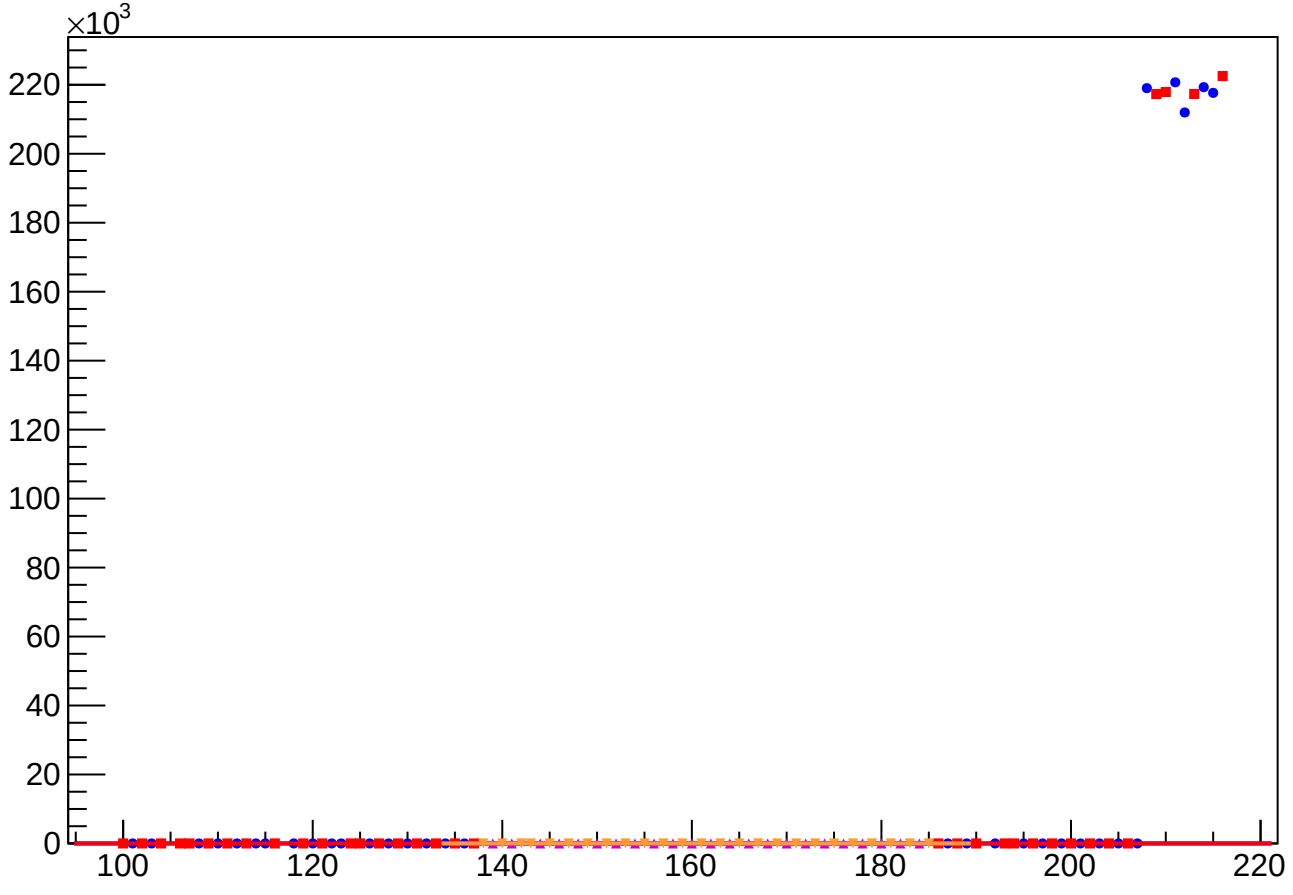
Left In: -69.458+/-0.000 χ^2/NDF:52798704.3/22

+ sign -51.425+/-0.000 χ^2/NDF: 11625953517907.3

All: -50.406+/-0.000 χ^2/NDF: 234256953182

- sign -49.388+/-0.000 χ^2/NDF: 11777430273149.9

yield_dsr_rms vs Slug



Right In: 0.052+/-0.000 χ^2/NDF: 7190612.7/31

Left Out: 0.055+/-0.000 χ^2/NDF:38761.8/24

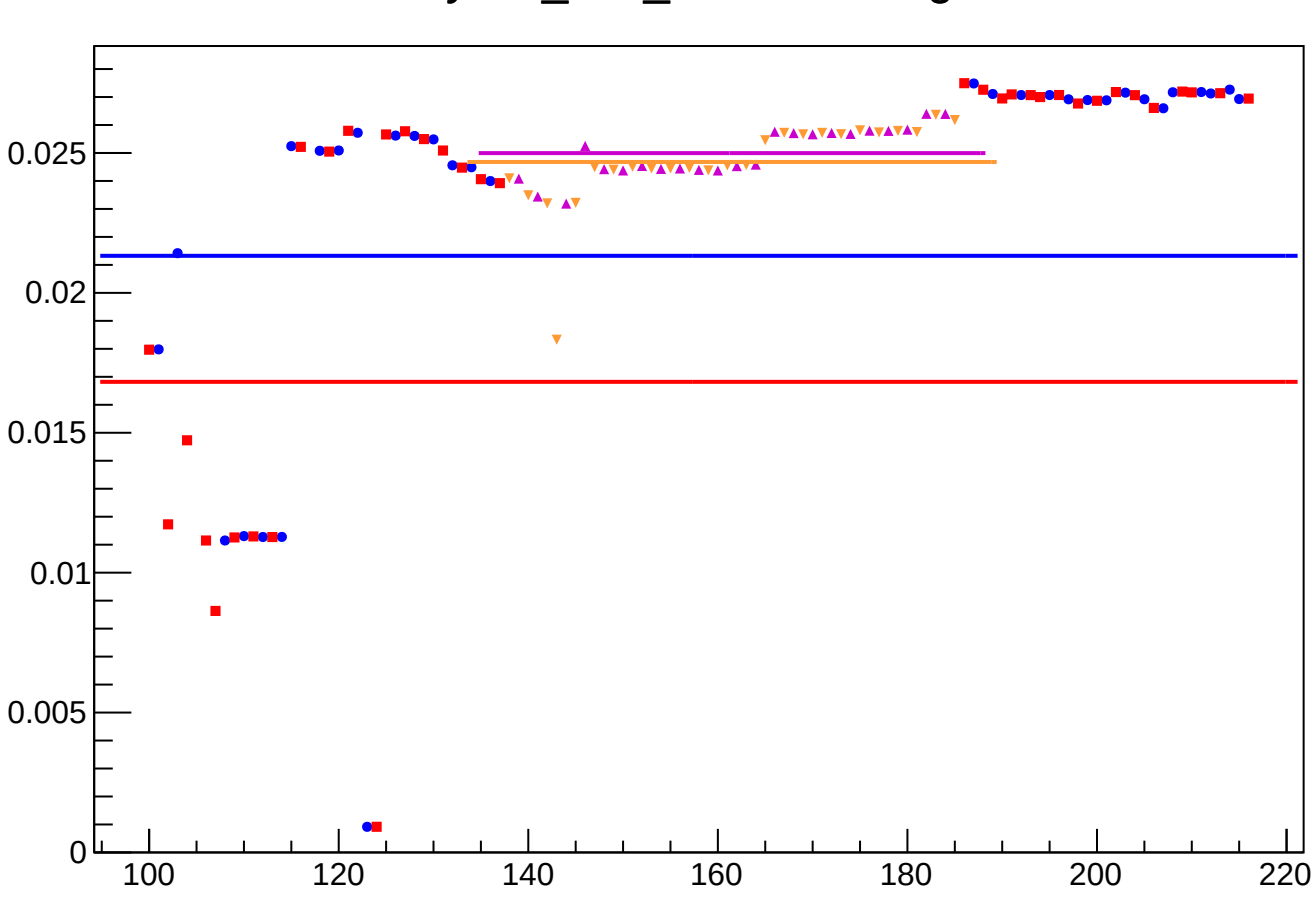
Right Out: 0.052+/-0.000 χ^2/NDF: 5875023.2/33

Left In: 0.056+/-0.000 χ^2/NDF:52190.5/22

+ sign 0.054+/-0.000 χ^2/NDF: 7279814.2/56

All: 0.054+/-0.000 χ^2/NDF: 13275038.7/113

- sign 0.054+/-0.000 χ^2/NDF: 5995209.9/56



Right In: 0.021+/-0.000 χ^2/NDF: 201047898958.3/31

Left Out: 0.025+/-0.000 χ^2/NDF:9641065555.8/24

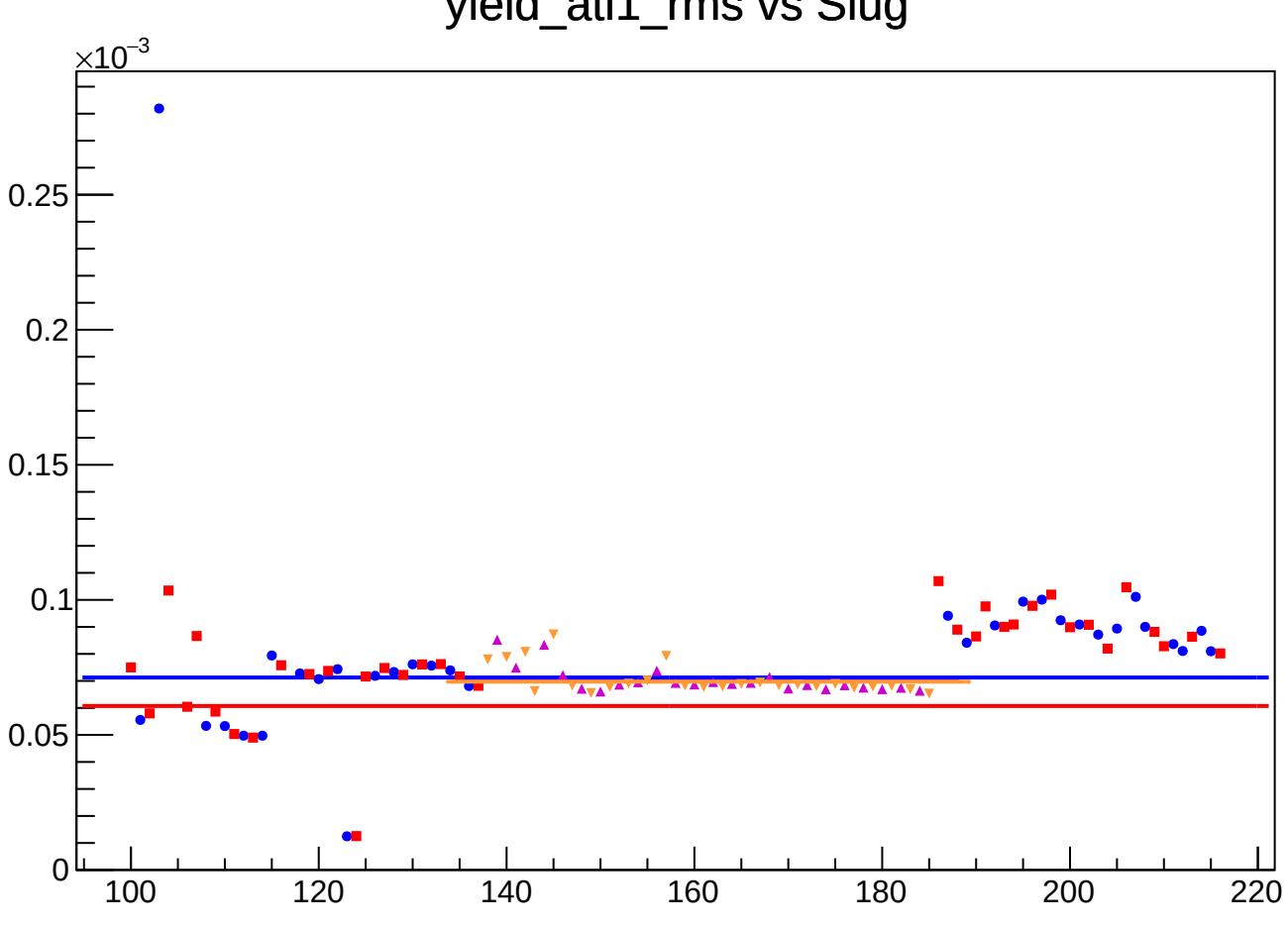
Right Out: 0.017+/-0.000 χ^2/NDF: 441546977794.5/34

Left In: 0.025+/-0.000 χ^2/NDF:2462473687.7/22

+ sign 0.023+/-0.000 χ^2/NDF: 229282384581.1/56

All: 0.022+/-0.000 χ^2/NDF: 813202940880.1

- sign 0.021+/-0.000 χ^2/NDF: 564367993157.4/57



Right In: 0.000+/-0.000 χ^2/NDF: 3644790.6/31

Left Out: 0.000+/-0.000 χ^2/NDF:158125.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7183864.7/34

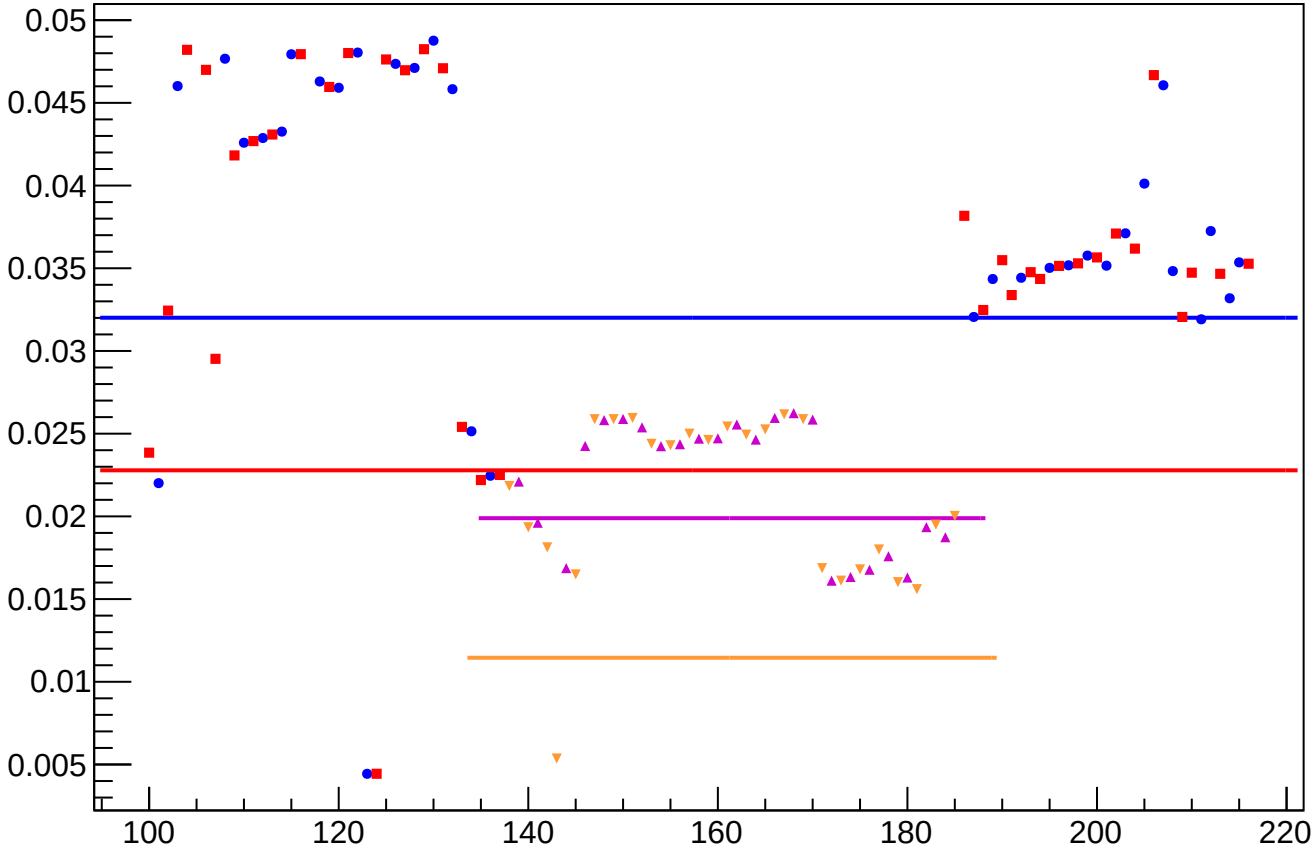
Left In: 0.000+/-0.000 χ^2/NDF:129289.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 3810722.6/56

All: 0.000+/-0.000 χ^2/NDF: 11613585.9/114

- sign 0.000+/-0.000 χ^2/NDF: 7614078.8/57

yield_atl2_mean vs Slug



Right In: 0.032+/-0.000 χ^2/NDF: 21808159017.4/31

Left Out: 0.011+/-0.000 χ^2/NDF:40294472965.0/24

Right Out: 0.023+/-0.000 χ^2/NDF: 45085022530.1/34

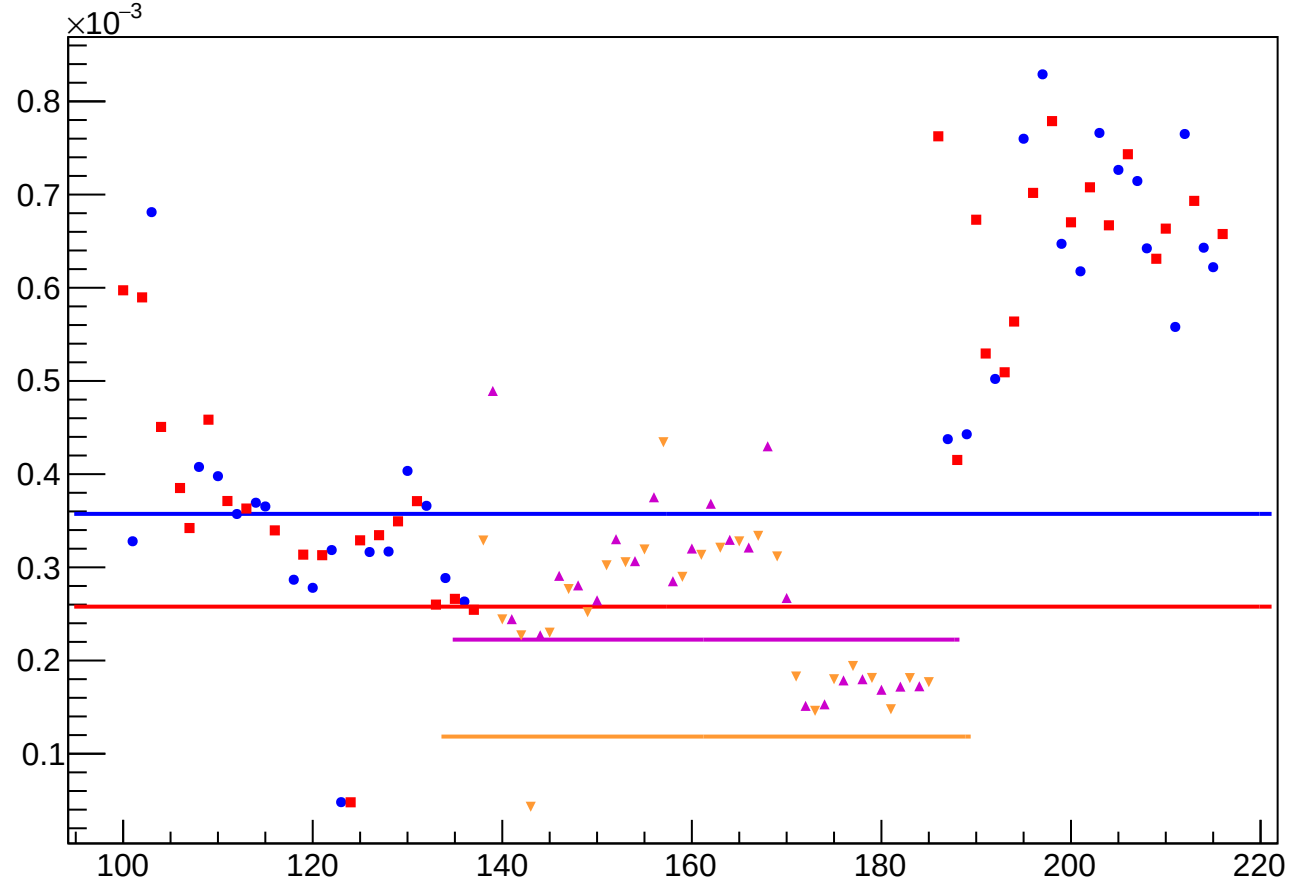
Left In: 0.020+/-0.000 χ^2/NDF:4458790813.3/22

+ sign 0.014+/-0.000 χ^2/NDF: 97733205136.6/56

All: 0.016+/-0.000 χ^2/NDF: 161864267902.1

- sign 0.021+/-0.000 χ^2/NDF: 50351253365.1/57

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 7833674.9/31

Left Out: 0.000+/-0.000 χ^2/NDF:13563132.9/24

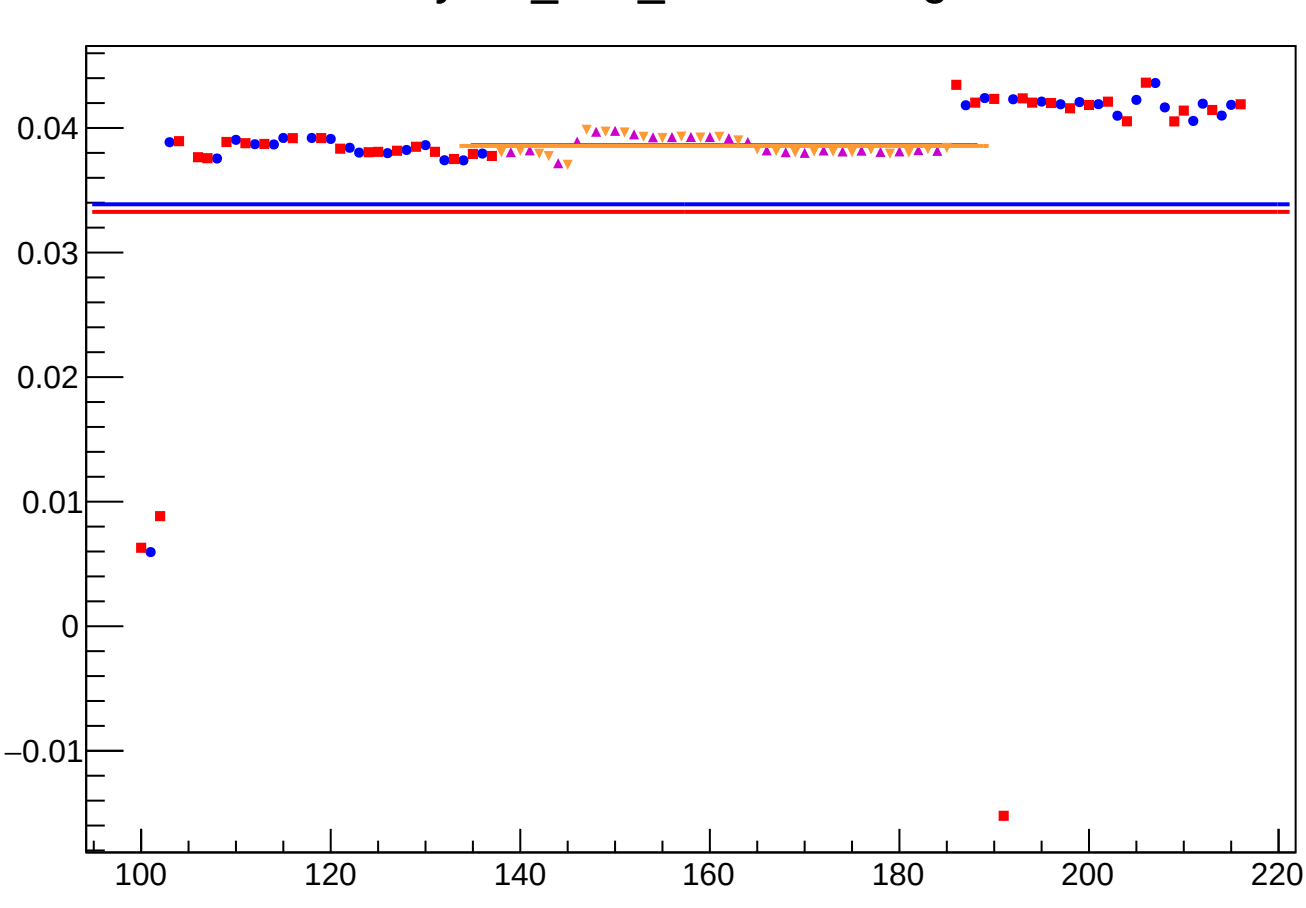
Right Out: 0.000+/-0.000 χ^2/NDF: 13976786.4/34

Left In: 0.000+/-0.000 χ^2/NDF:3281119.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 31027250.2/56

All: 0.000+/-0.000 χ^2/NDF: 52875266.8/114

- sign 0.000+/-0.000 χ^2/NDF: 17499463.4/57



Right In: 0.034+/-0.000 χ^2/NDF: 120712556964.6/31

Left Out: 0.039+/-0.000 χ^2/NDF:539468437.3/24

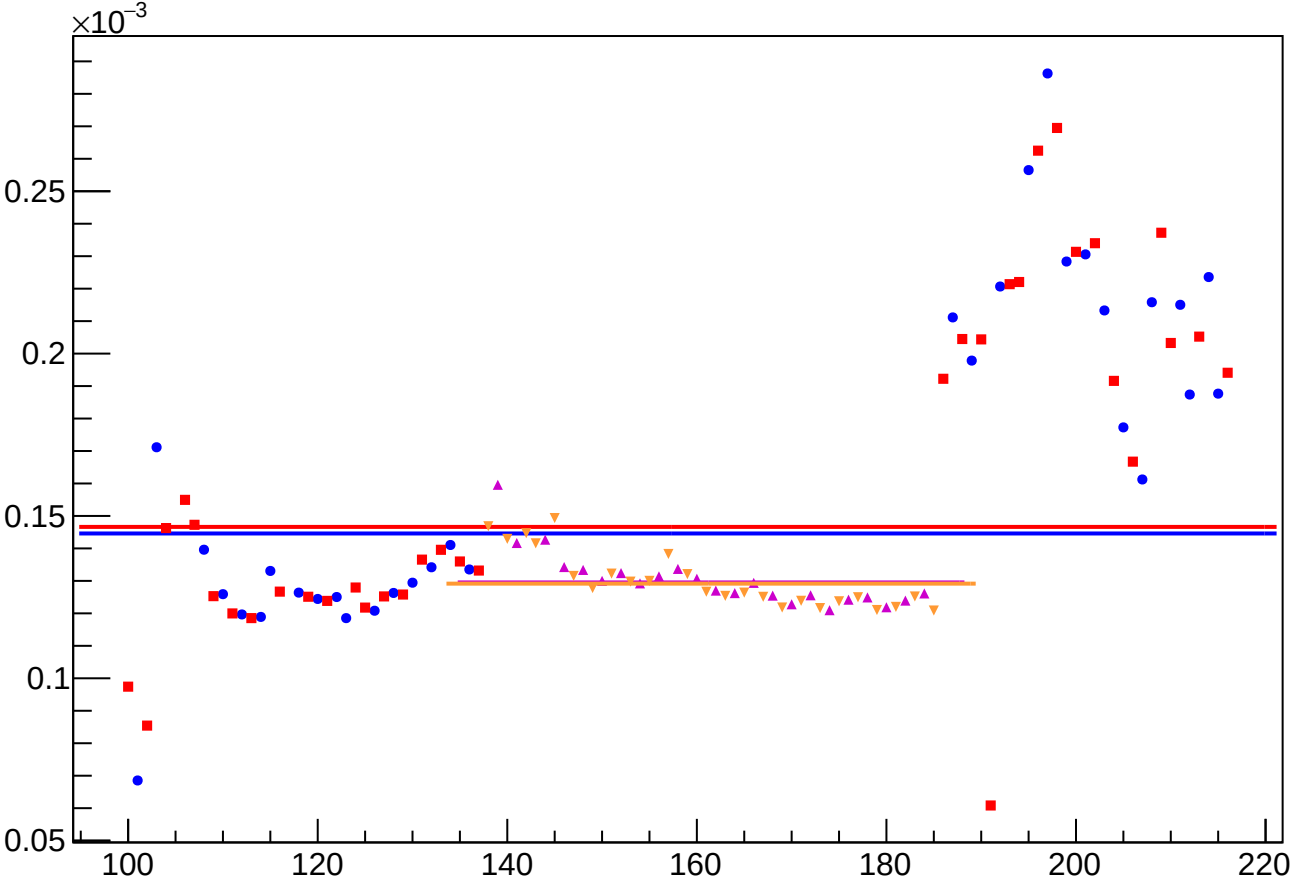
Right Out: 0.033+/-0.000 χ^2/NDF: 185399652516.4/34

Left In: 0.039+/-0.000 χ^2/NDF:465745982.6/22

+ sign 0.037+/-0.000 χ^2/NDF: 130643238726.8/56

All: 0.037+/-0.000 χ^2/NDF: 328573342068.4

- sign 0.036+/-0.000 χ^2/NDF: 197857658411.5/57



Right In: 0.000+/-0.000 χ^2/NDF: 3880438.6/31

Left Out: 0.000+/-0.000 χ^2/NDF:130321.6/24

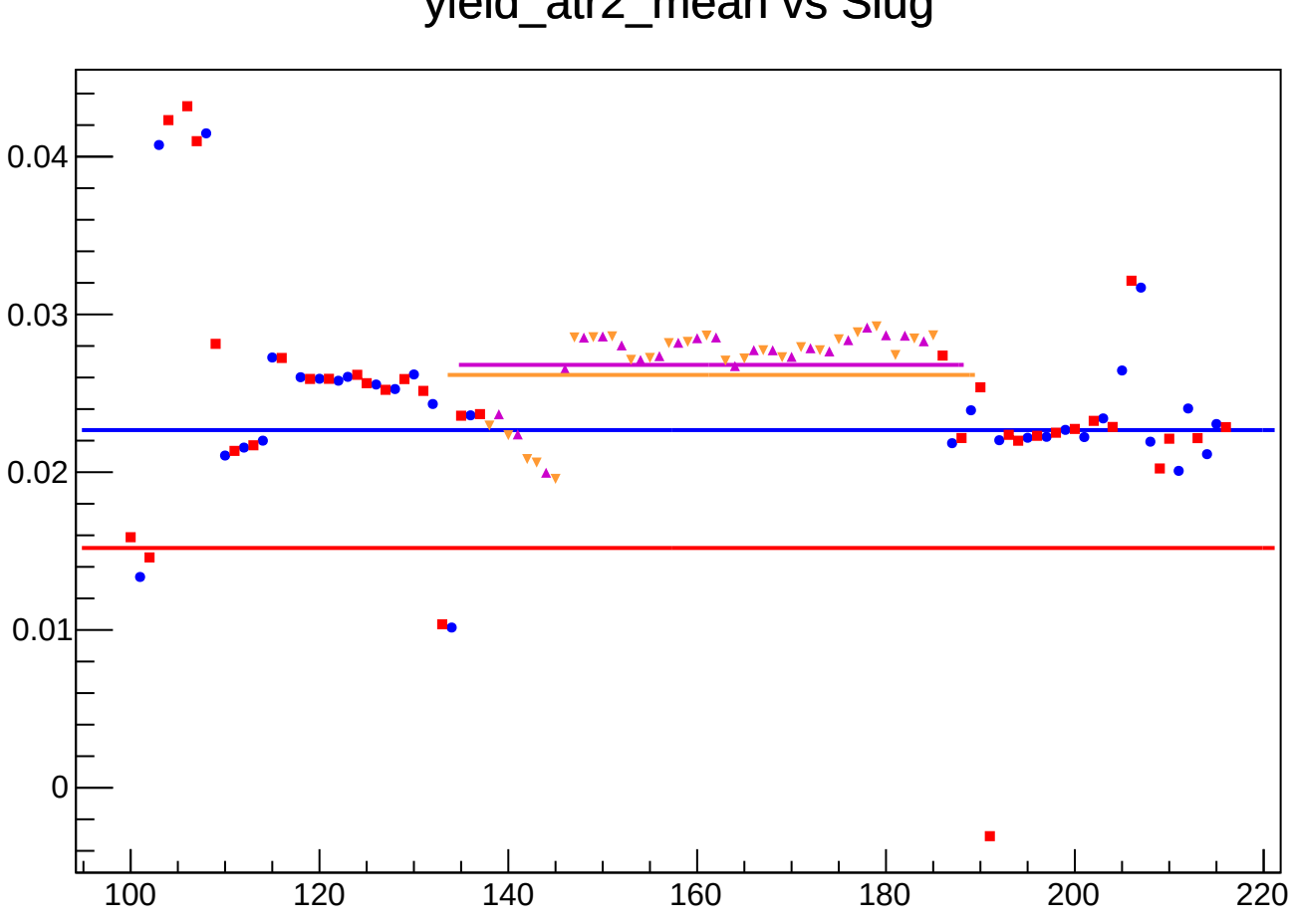
Right Out: 0.000+/-0.000 χ^2/NDF: 3587186.2/34

Left In: 0.000+/-0.000 χ^2/NDF:114763.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 4214948.6/56

All: 0.000+/-0.000 χ^2/NDF: 8164556.1/114

- sign 0.000+/-0.000 χ^2/NDF: 3946666.3/57



Right In: 0.023+/-0.000 χ^2/NDF: 4428133353.4/31

Left Out: 0.026+/-0.000 χ^2/NDF:2056710635.1/24

Right Out: 0.015+/-0.000 χ^2/NDF: 31867527776.5/34

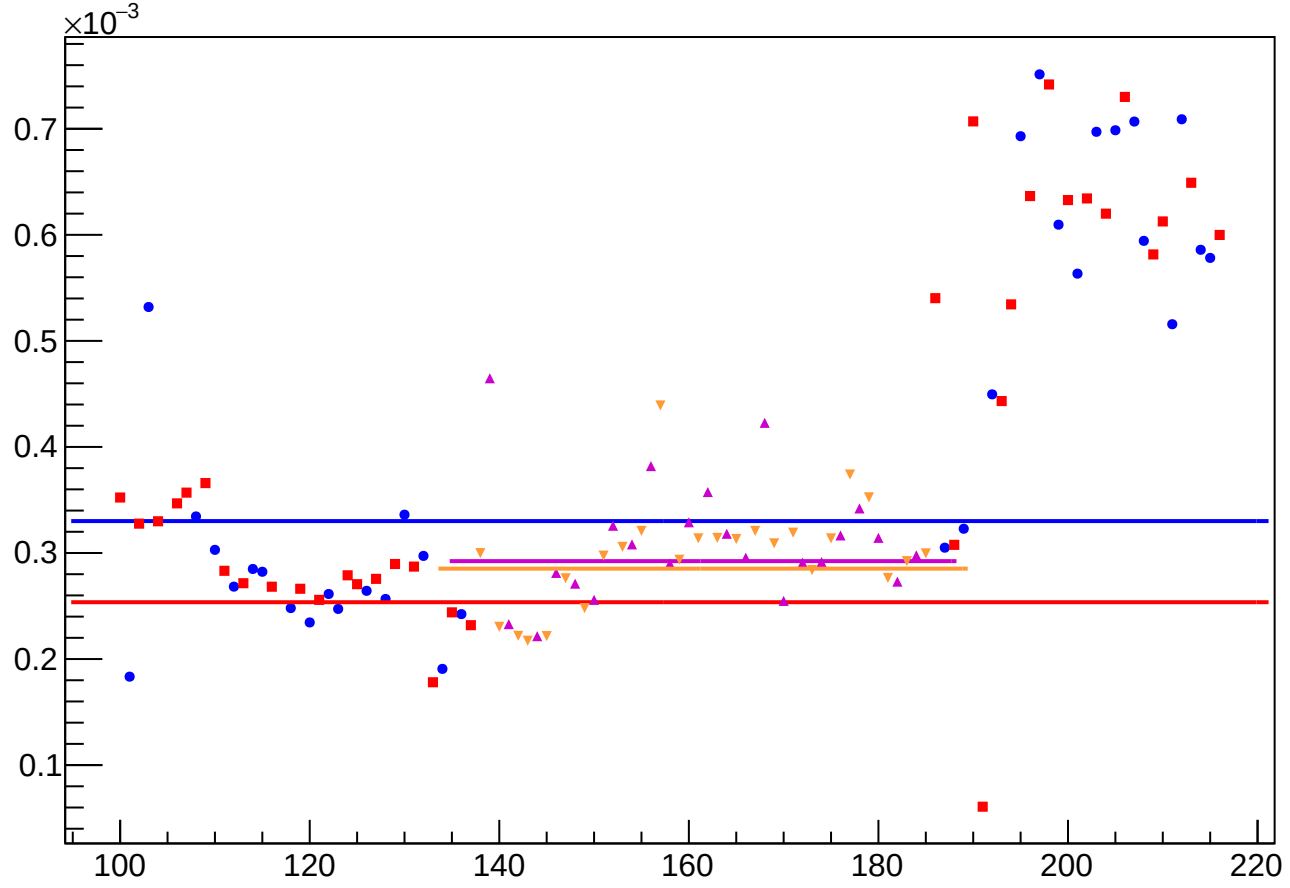
Left In: 0.027+/-0.000 χ^2/NDF:1332033607.7/22

+ sign 0.025+/-0.000 χ^2/NDF: 7406627552.8/56

All: 0.023+/-0.000 χ^2/NDF: 54854650336.2/1

- sign 0.021+/-0.000 χ^2/NDF: 45195680161.1/57

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 5884314.8/31

Left Out: 0.000+/-0.000 χ^2/NDF:813464.1/24

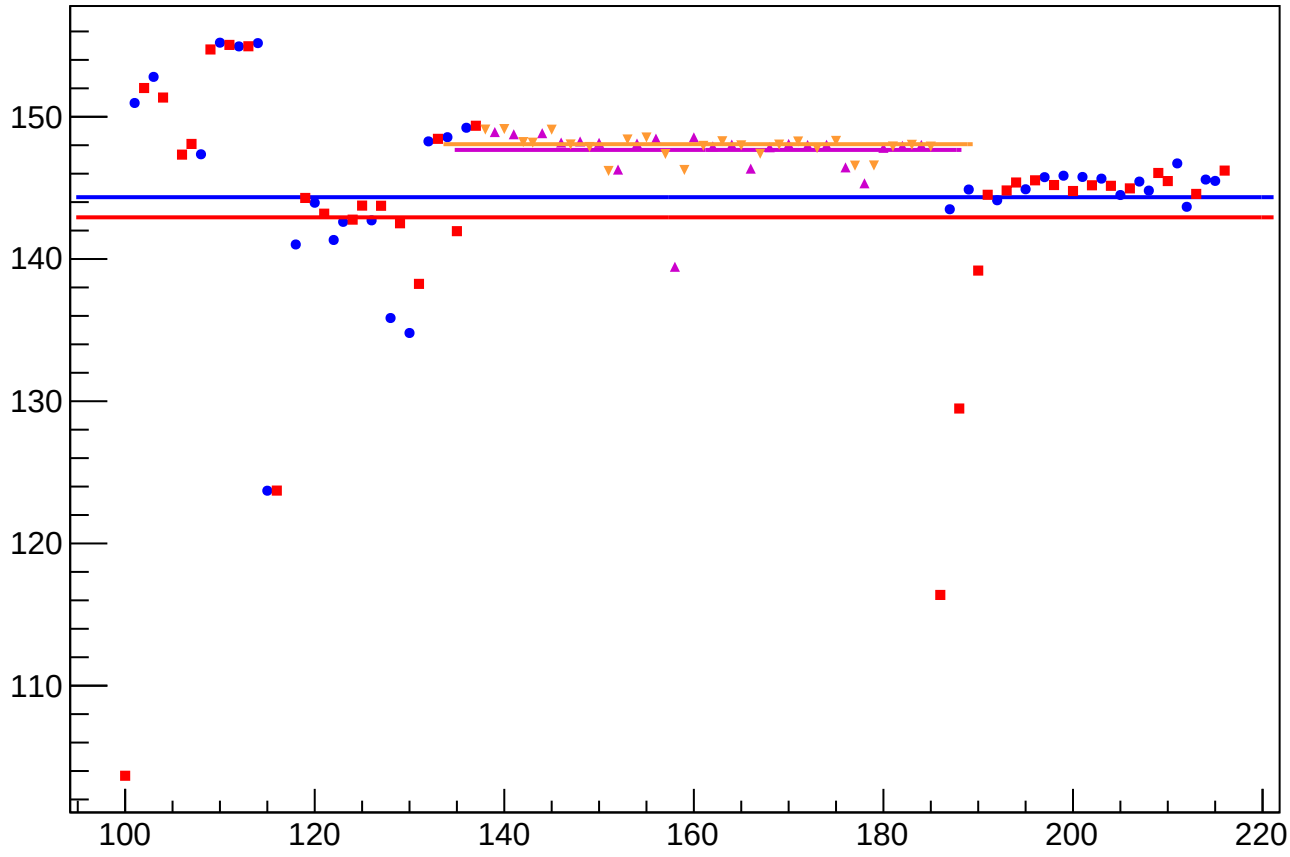
Right Out: 0.000+/-0.000 χ^2/NDF: 10788509.1/34

Left In: 0.000+/-0.000 χ^2/NDF:898772.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 7001124.2/56

All: 0.000+/-0.000 χ^2/NDF: 19229108.0/114

- sign 0.000+/-0.000 χ^2/NDF: 11954736.8/57



Right In: 144.347+/-0.000 χ^2/NDF: 3509157460.7/31

Left Out: 148.073+/-0.000 χ^2/NDF:65614067.4/24

Right Out: 142.930+/-0.000 χ^2/NDF: 7469961635.2/34

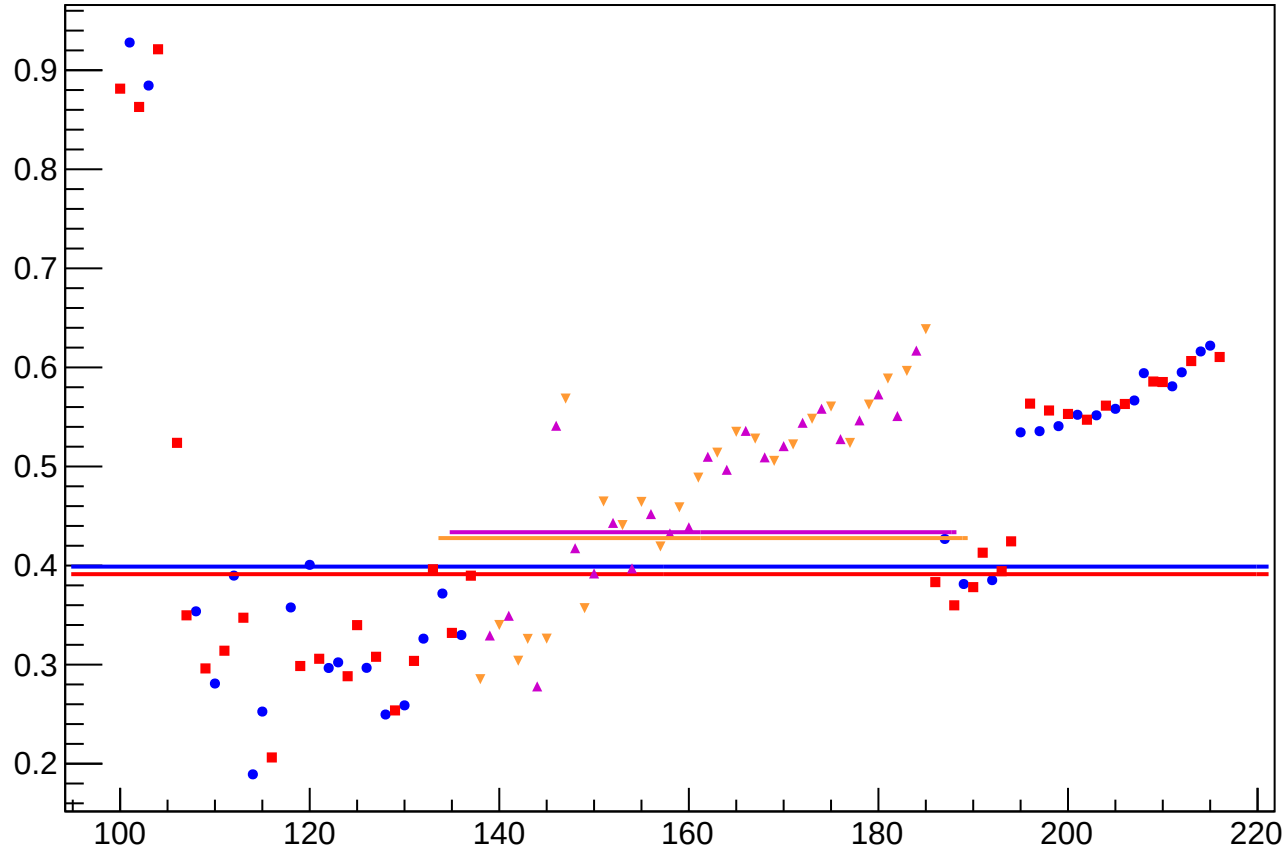
Left In: 147.670+/-0.000 χ^2/NDF:345222604.4/22

+ sign 146.215+/-0.000 χ^2/NDF: 4217330816.9/56

All: 145.664+/-0.000 χ^2/NDF: 13189293091.

- sign 145.120+/-0.000 χ^2/NDF: 8860454284.5/57

yield_bcm_an_ds_rms vs Slug



Right In: 0.399+/-0.000 χ^2/NDF: 3610431.8/31

Left Out: 0.428+/-0.000 χ^2/NDF:1896808.7/24

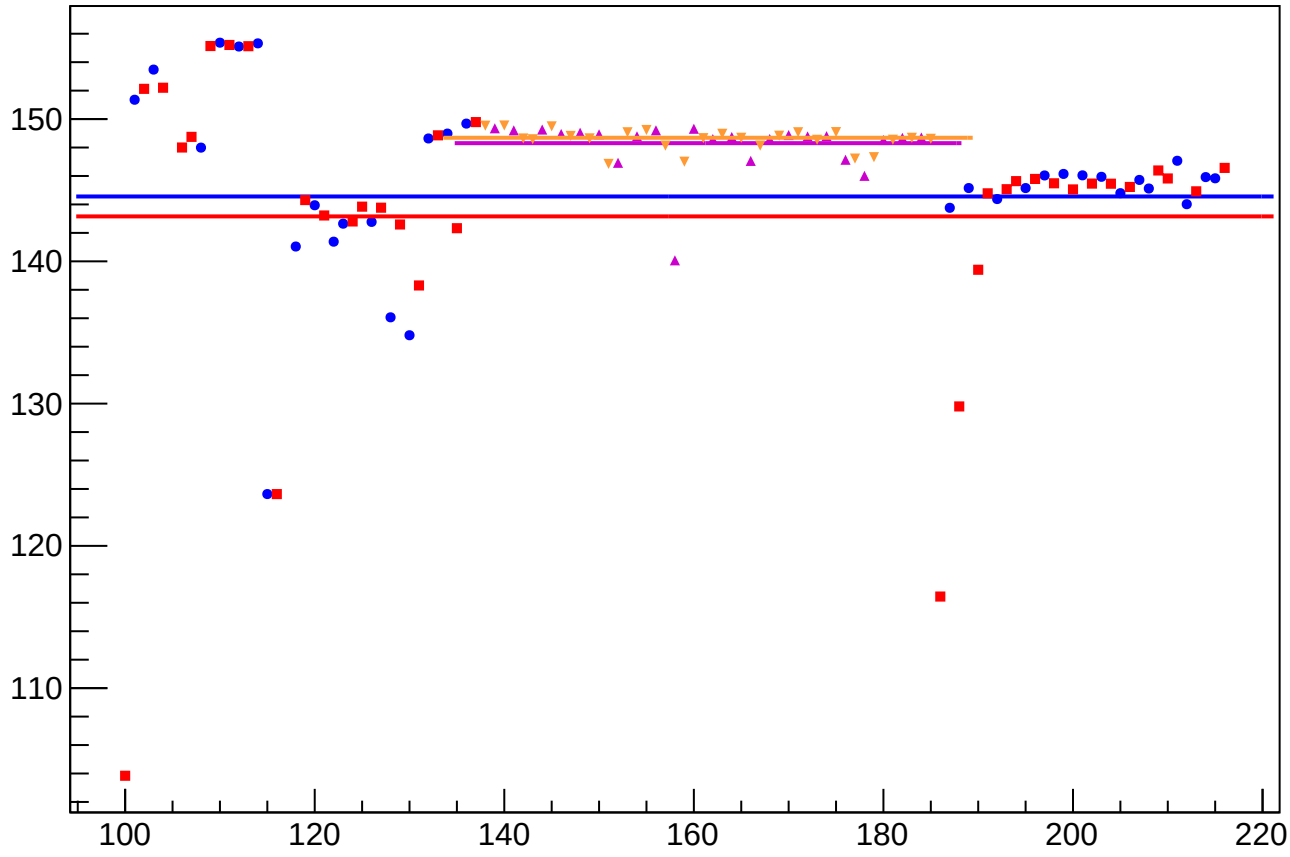
Right Out: 0.391+/-0.000 χ^2/NDF: 3256112.2/34

Left In: 0.434+/-0.000 χ^2/NDF:1496343.5/22

+ sign 0.413+/-0.000 χ^2/NDF: 5583952.9/56

All: 0.412+/-0.000 χ^2/NDF: 10504516.6/114

- sign 0.411+/-0.000 χ^2/NDF: 4919405.1/57



Right In: 144.560+/-0.000 χ^2/NDF: 3560725520.9/31

Left Out: 148.686+/-0.000 χ^2/NDF:52218185.1/24

Right Out: 143.159+/-0.000 χ^2/NDF: 7422779320.7/34

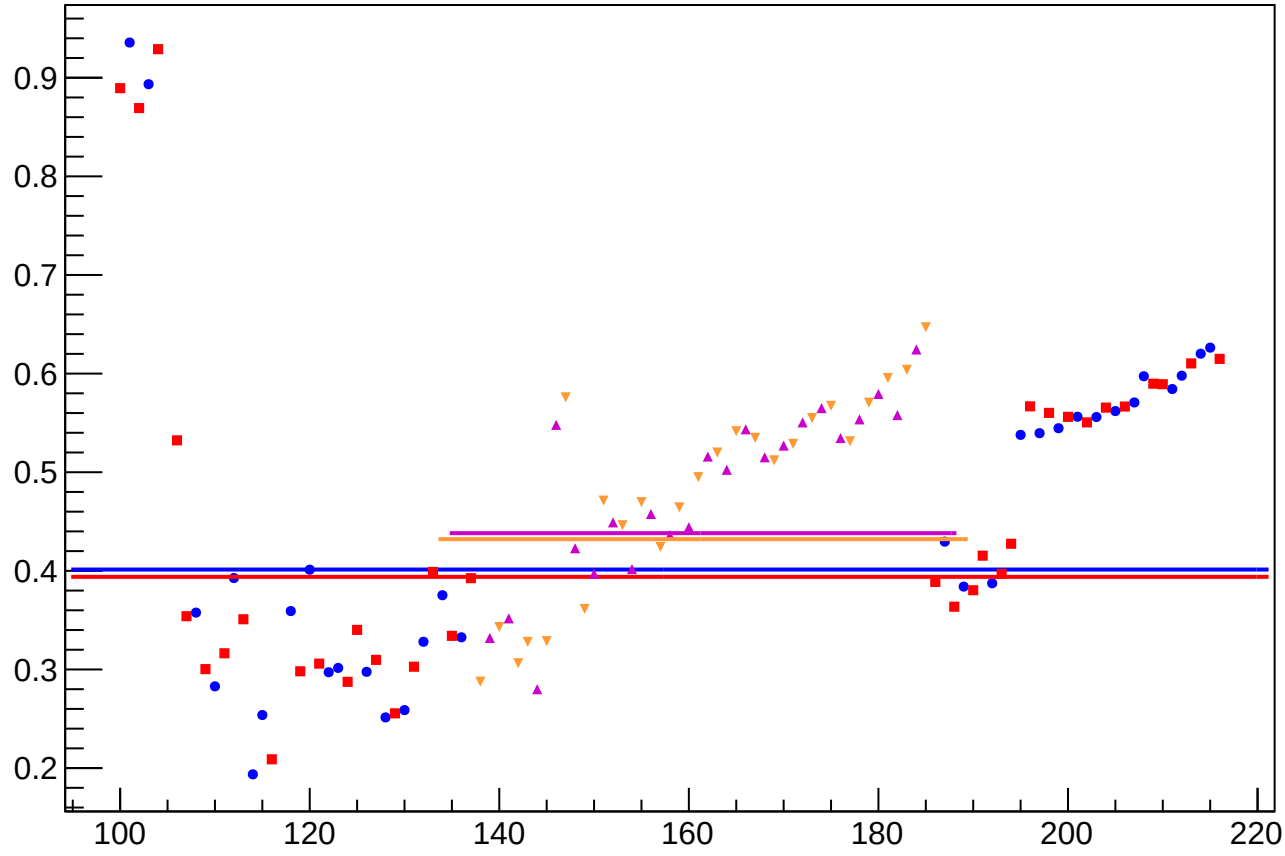
Left In: 148.307+/-0.000 χ^2/NDF:333585558.2/22

+ sign 146.618+/-0.000 χ^2/NDF: 4387986170.5/56

All: 146.070+/-0.000 χ^2/NDF: 13464556086.

- sign 145.527+/-0.000 χ^2/NDF: 8967533805.8/57

yield_bcm_an_ds3_rms vs Slug



Right In: 0.401+/-0.000 χ^2/NDF: 3618603.7/31

Left Out: 0.432+/-0.000 χ^2/NDF:1929031.5/24

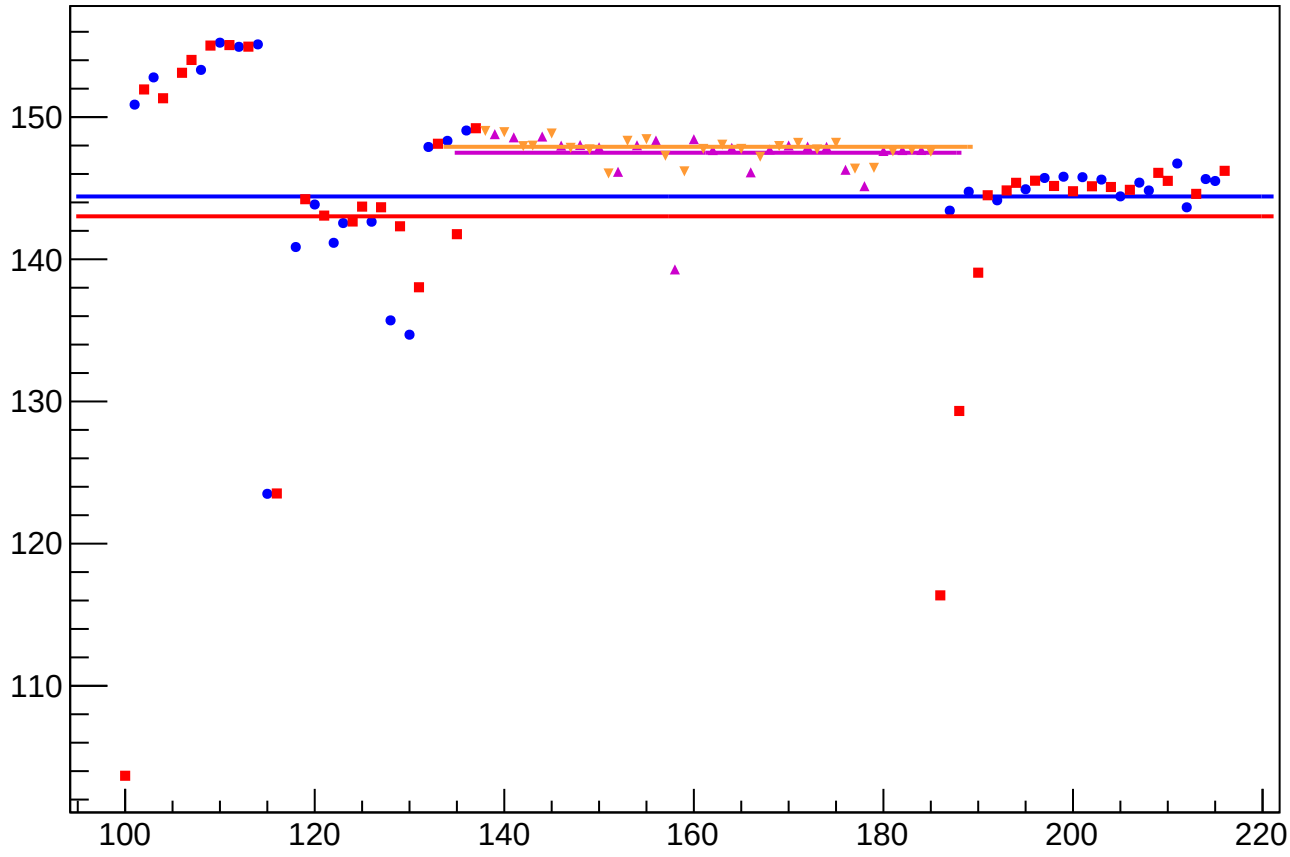
Right Out: 0.394+/-0.000 χ^2/NDF: 3260244.3/34

Left In: 0.438+/-0.000 χ^2/NDF:1521893.6/22

+ sign 0.417+/-0.000 χ^2/NDF: 5634022.6/56

All: 0.415+/-0.000 χ^2/NDF: 10596512.5/114

- sign 0.414+/-0.000 χ^2/NDF: 4961432.7/57



Right In: 144.418+/-0.000 χ^2/NDF: 3714422350.6/31

Left Out: 147.911+/-0.000 χ^2/NDF:64412407.9/24

Right Out: 143.021+/-0.000 χ^2/NDF: 7843066565.2/34

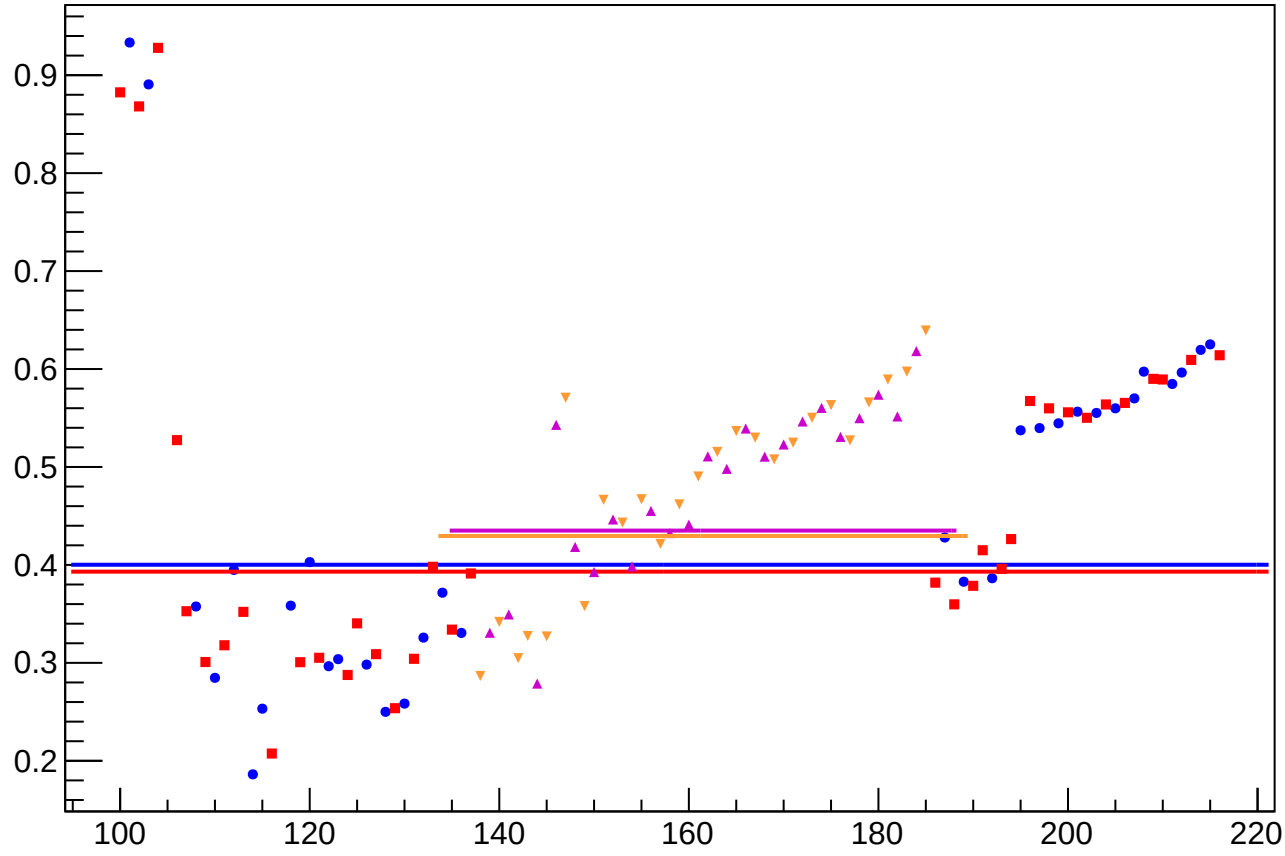
Left In: 147.493+/-0.000 χ^2/NDF:343978473.2/22

+ sign 146.168+/-0.000 χ^2/NDF: 4338917805.2/56

All: 145.626+/-0.000 χ^2/NDF: 13556325119.

- sign 145.090+/-0.000 χ^2/NDF: 9110097522.3/57

yield_bcm_an_us_rms vs Slug



Right In: 0.400+/-0.000 χ^2/NDF: 3649308.5/31

Left Out: 0.430+/-0.000 χ^2/NDF:1895701.4/24

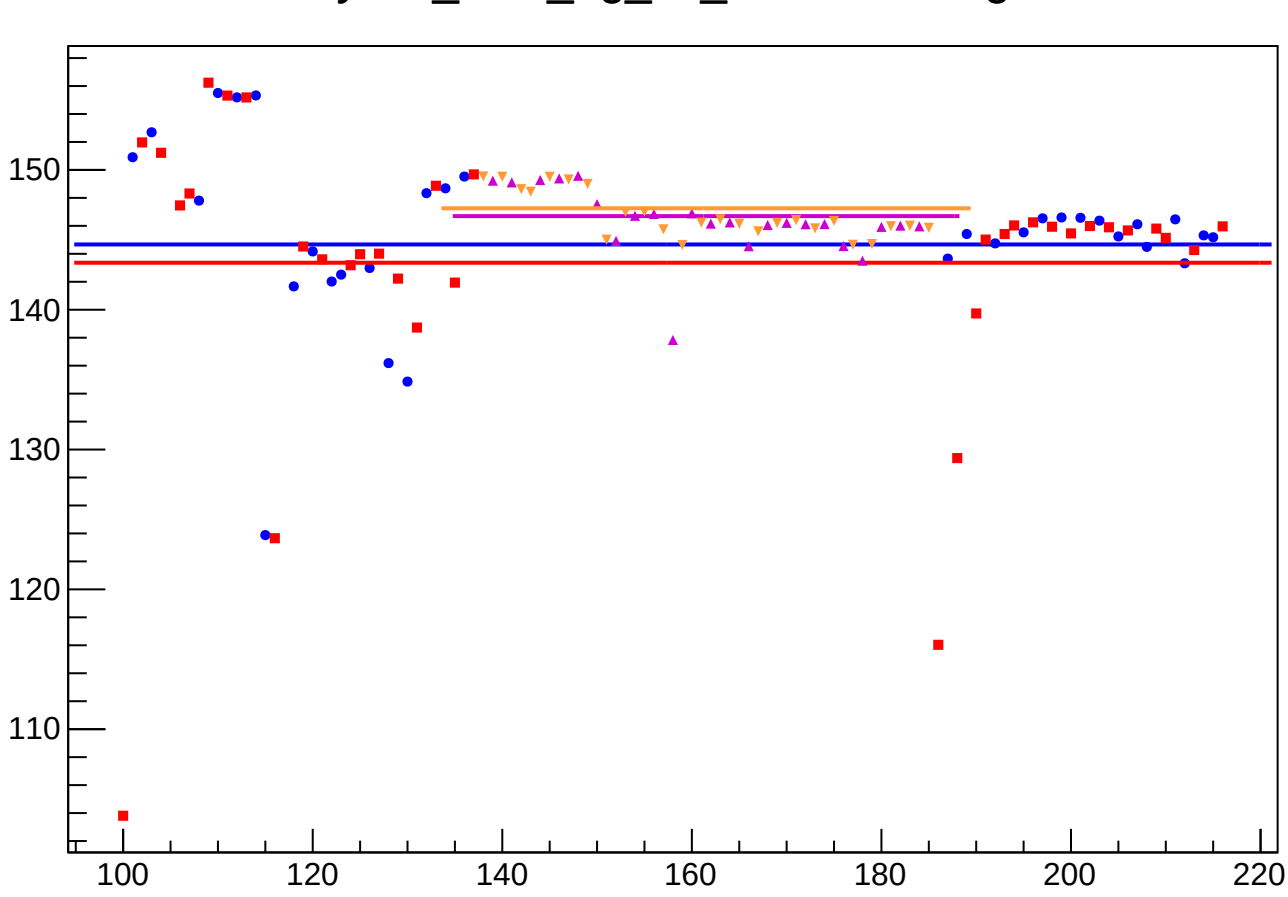
Right Out: 0.393+/-0.000 χ^2/NDF: 3263740.3/34

Left In: 0.435+/-0.000 χ^2/NDF:1502712.5/22

+ sign 0.415+/-0.000 χ^2/NDF: 5624052.2/56

All: 0.414+/-0.000 χ^2/NDF: 10553773.8/114

- sign 0.413+/-0.000 χ^2/NDF: 4928697.5/57



Right In: 144.669+/-0.000 χ^2/NDF: 3233667722.6/31

Left Out: 147.255+/-0.000 χ^2/NDF:262138049.8/24

Right Out: 143.362+/-0.000 χ^2/NDF: 7154986837.5/34

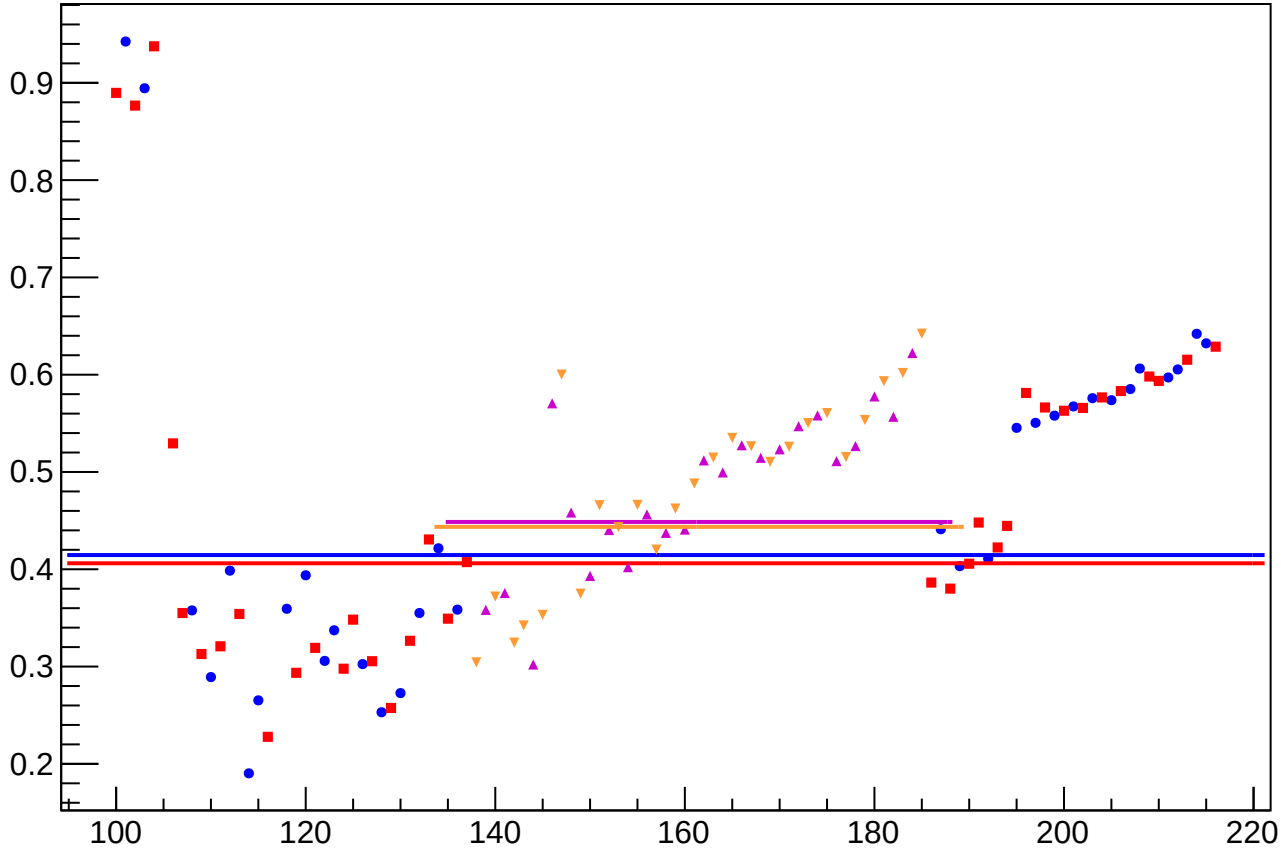
Left In: 146.695+/-0.000 χ^2/NDF:557896803.1/22

+ sign 145.974+/-0.000 χ^2/NDF: 3784163970.6/56

All: 145.441+/-0.000 χ^2/NDF: 12078342863.

- sign 144.916+/-0.000 χ^2/NDF: 8196860575.3/57

yield_bcm_dg_us_rms vs Slug



Right In: 0.415+/-0.000 χ^2/NDF: 3527324.0/31

Left Out: 0.444+/-0.000 χ^2/NDF:1483434.7/24

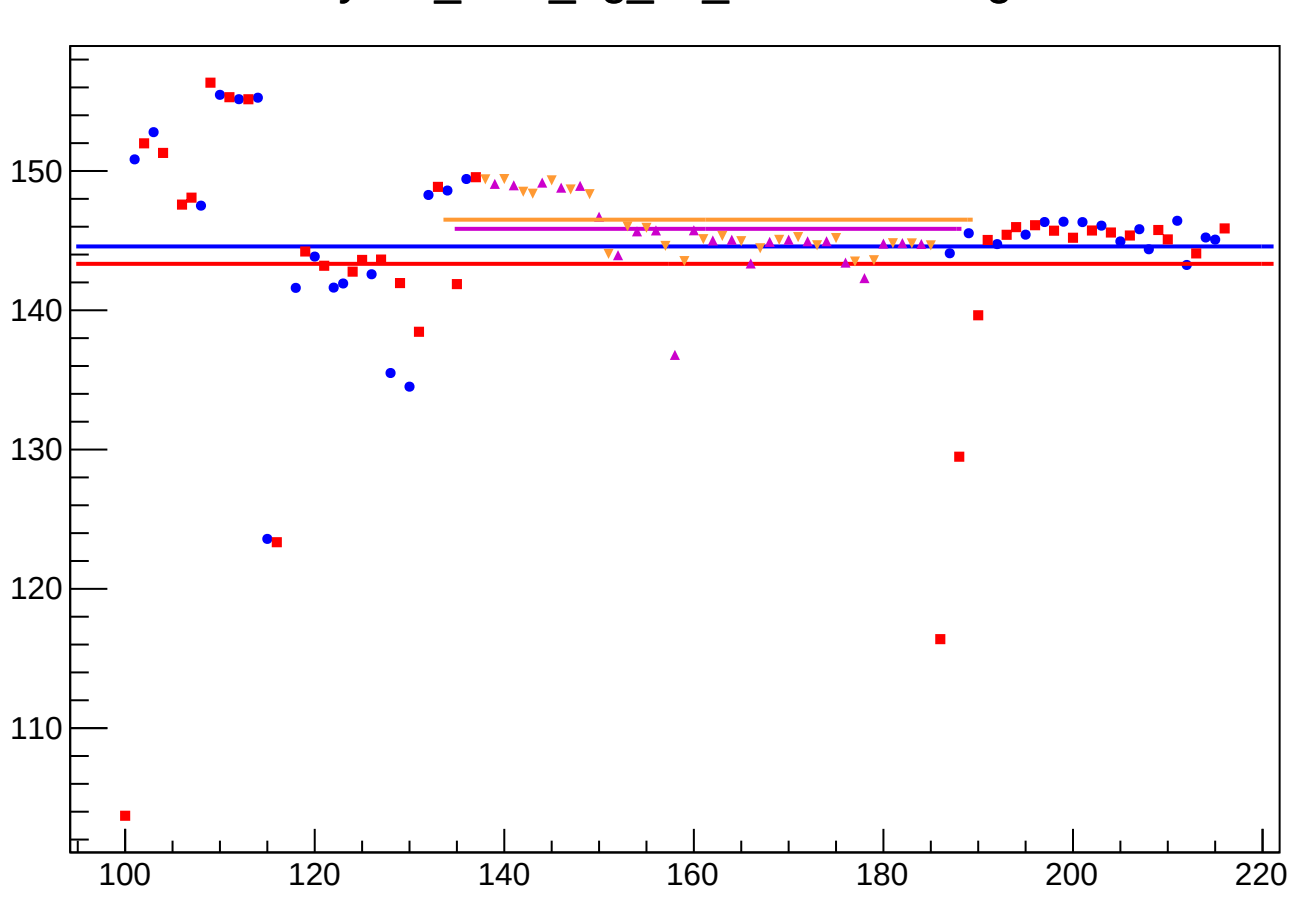
Right Out: 0.406+/-0.000 χ^2/NDF: 3154047.9/34

Left In: 0.449+/-0.000 χ^2/NDF:1132620.8/22

+ sign 0.429+/-0.000 χ^2/NDF: 5083201.5/56

All: 0.428+/-0.000 χ^2/NDF: 9529040.6/114

- sign 0.426+/-0.000 χ^2/NDF: 4443970.9/57



Right In: 144.583+/-0.000 χ^2/NDF: 3343499335.4/31

Left Out: 146.505+/-0.000 χ^2/NDF:401688176.3/24

Right Out: 143.334+/-0.000 χ^2/NDF: 7106639167.1/34

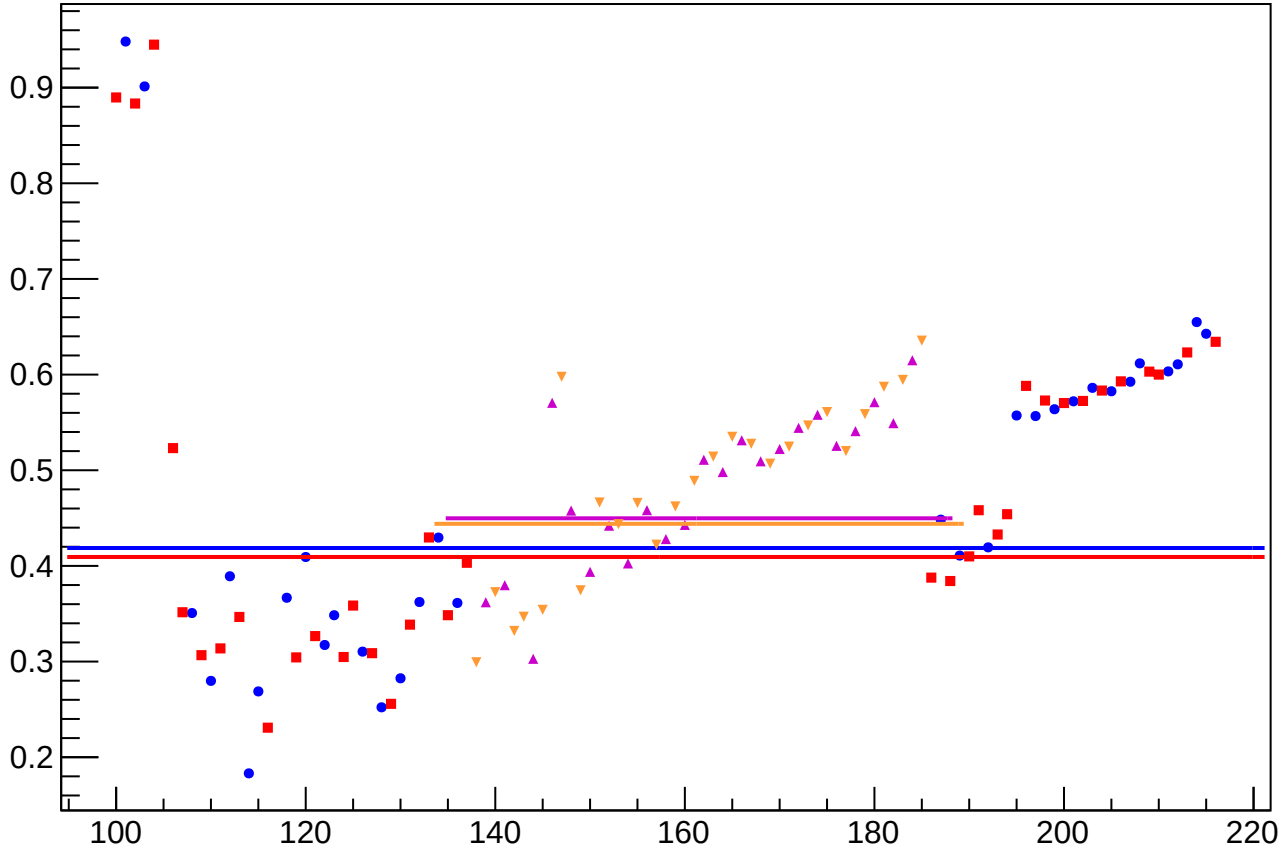
Left In: 145.847+/-0.000 χ^2/NDF:694764545.6/22

+ sign 145.564+/-0.000 χ^2/NDF: 3902384058.5/56

All: 145.035+/-0.000 χ^2/NDF: 12070133365.

- sign 144.514+/-0.000 χ^2/NDF: 8073229208.1/57

yield_bcm_dg_ds_rms vs Slug



Right In: 0.419+/-0.000 χ^2/NDF: 3584431.0/31

Left Out: 0.444+/-0.000 χ^2/NDF:1463293.5/24

Right Out: 0.409+/-0.000 χ^2/NDF: 3190327.2/34

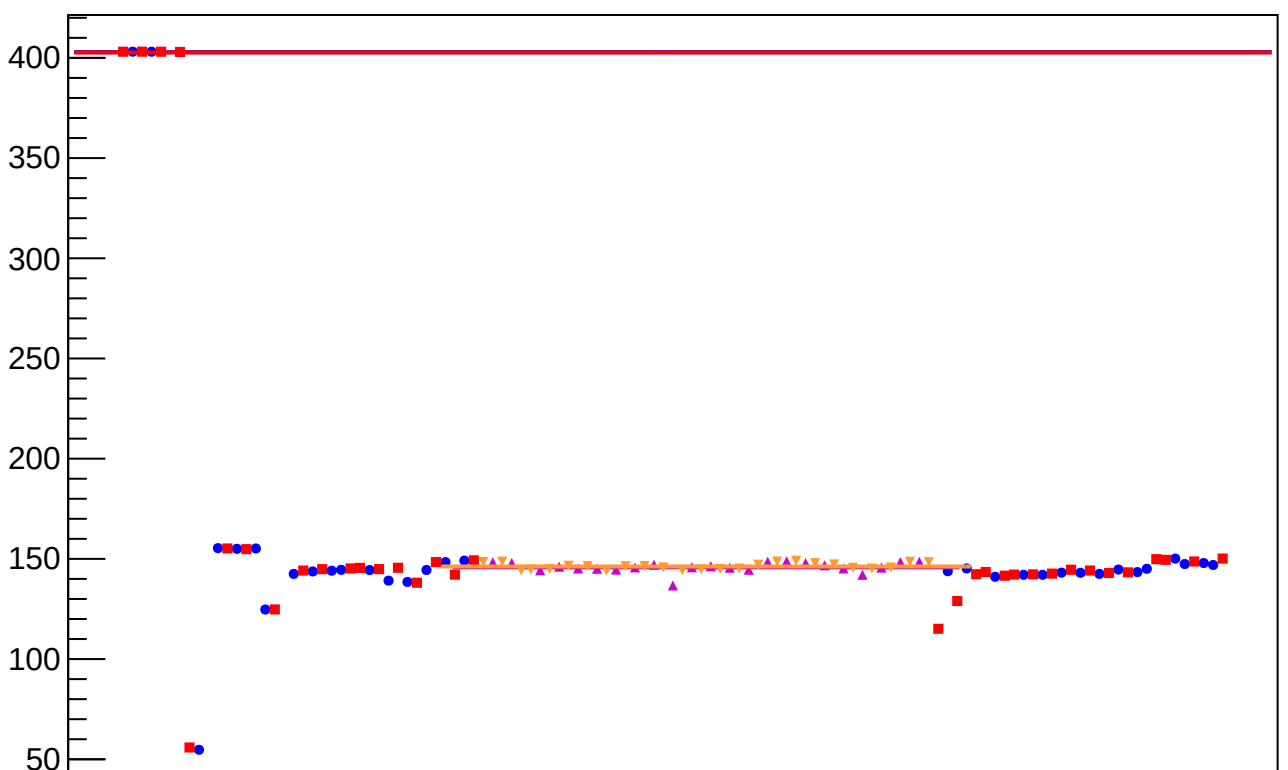
Left In: 0.450+/-0.000 χ^2/NDF:1105405.0/22

+ sign 0.432+/-0.000 χ^2/NDF: 5102147.4/56

All: 0.430+/-0.000 χ^2/NDF: 9540559.3/114

- sign 0.428+/-0.000 χ^2/NDF: 4436543.1/57

yield_cav4bQ_mean vs Slug



Right In: 402.860+/-0.000 χ^2/NDF: 1881468678403.3/31

Left Out: 146.205+/-0.000 χ^2/NDF:86658381.3/24

Right Out: 402.693+/-0.000 χ^2/NDF: 4080391965259.6/34

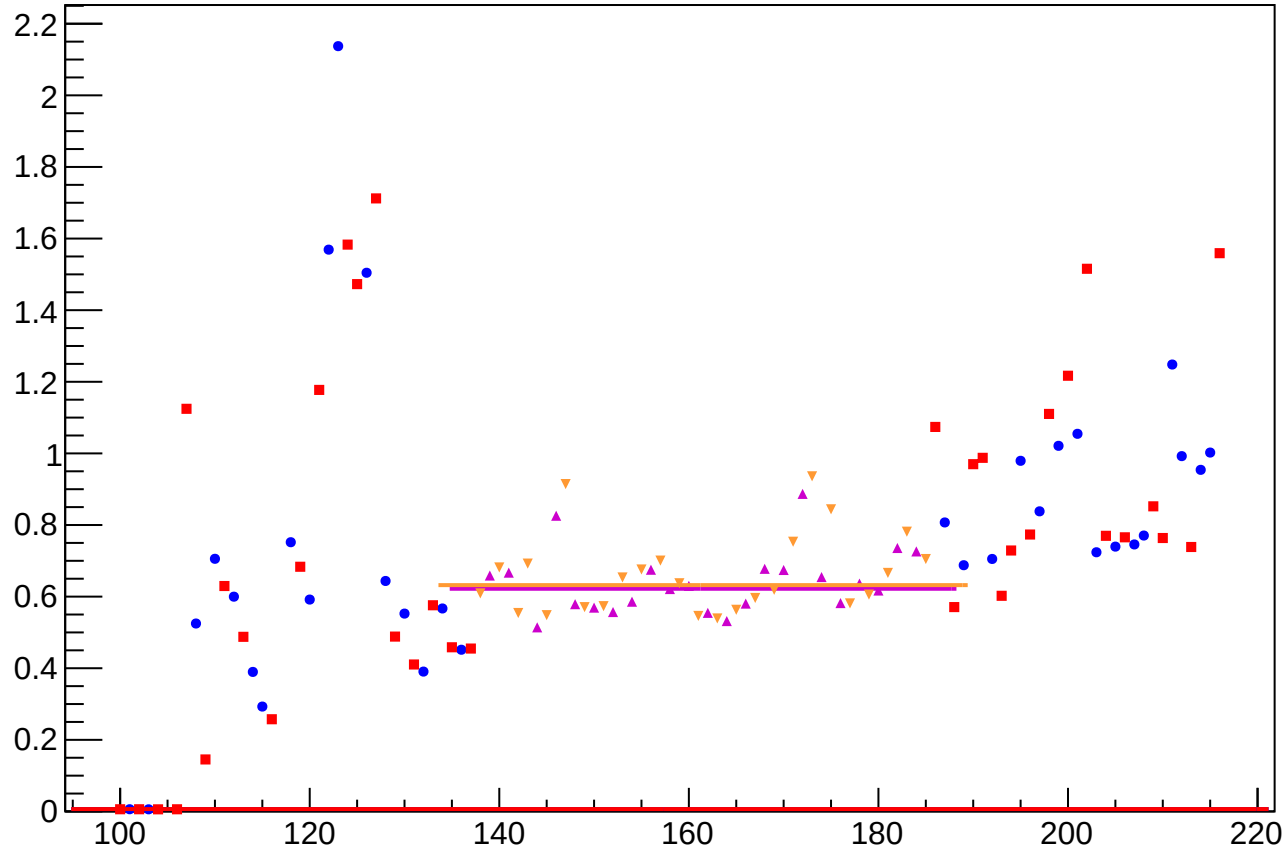
Left In: 145.773+/-0.000 χ^2/NDF:207332354.9/22

+ sign 402.564+/-0.000 χ^2/NDF: 4251662727651.8

All: 402.495+/-0.000 χ^2/NDF: 10677841305

- sign 402.434+/-0.000 χ^2/NDF: 6425899731661.2/

yield_cav4bQ_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 25814600.6/31

Left Out: 0.632+/-0.000 χ^2/NDF:614155.9/24

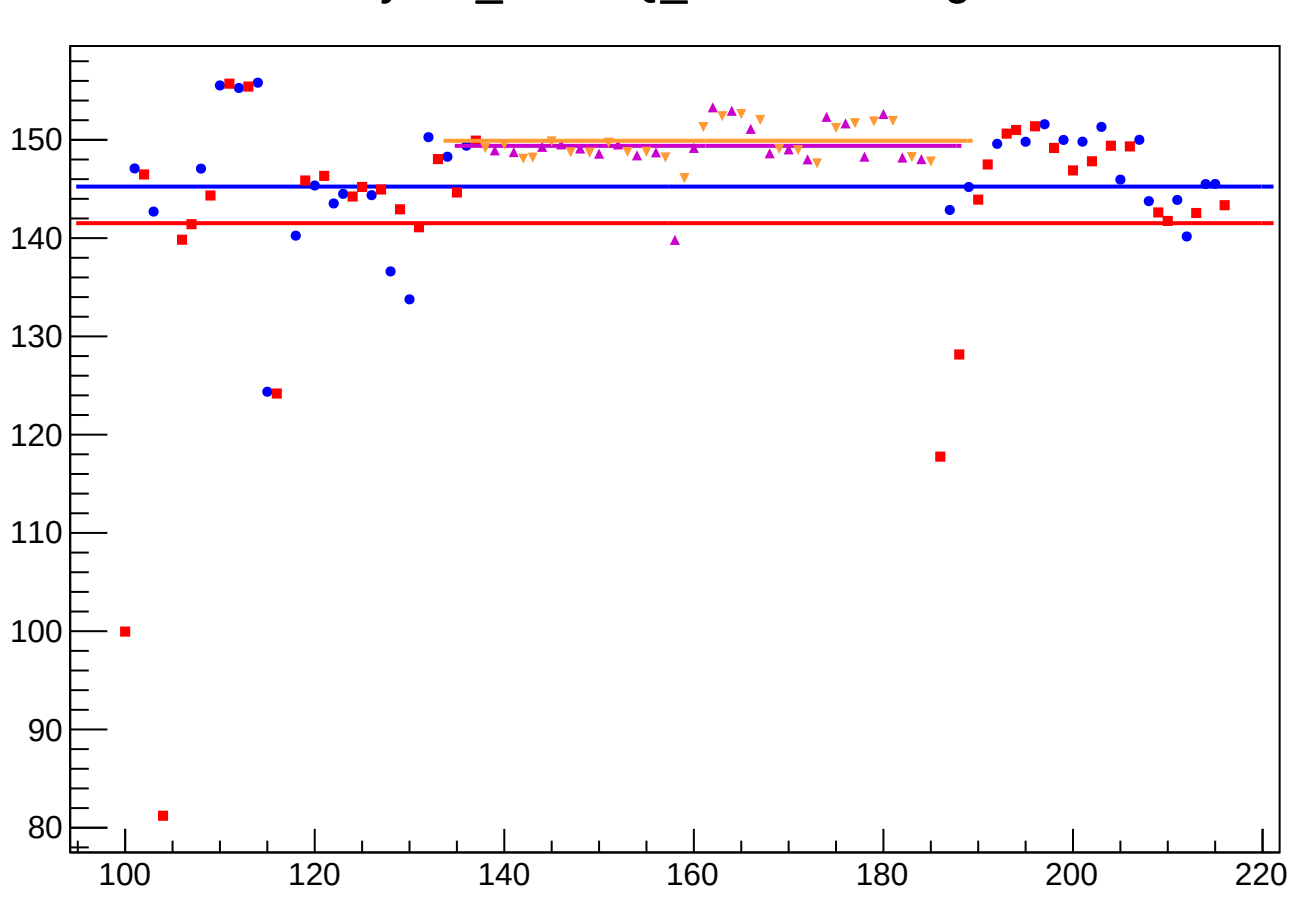
Right Out: 0.007+/-0.000 χ^2/NDF: 27489241.6/34

Left In: 0.622+/-0.000 χ^2/NDF:404479.0/22

+ sign 0.007+/-0.000 χ^2/NDF: 54580080.4/56

All: 0.007+/-0.000 χ^2/NDF: 109377451.5/114

- sign 0.007+/-0.000 χ^2/NDF: 54796950.8/57



Right In: 145.244+/-0.000 χ^2/NDF: 1360347977.0/31

Left Out: 149.906+/-0.000 χ^2/NDF:163261802.4/24

Right Out: 141.522+/-0.000 χ^2/NDF: 3253277694.9/34

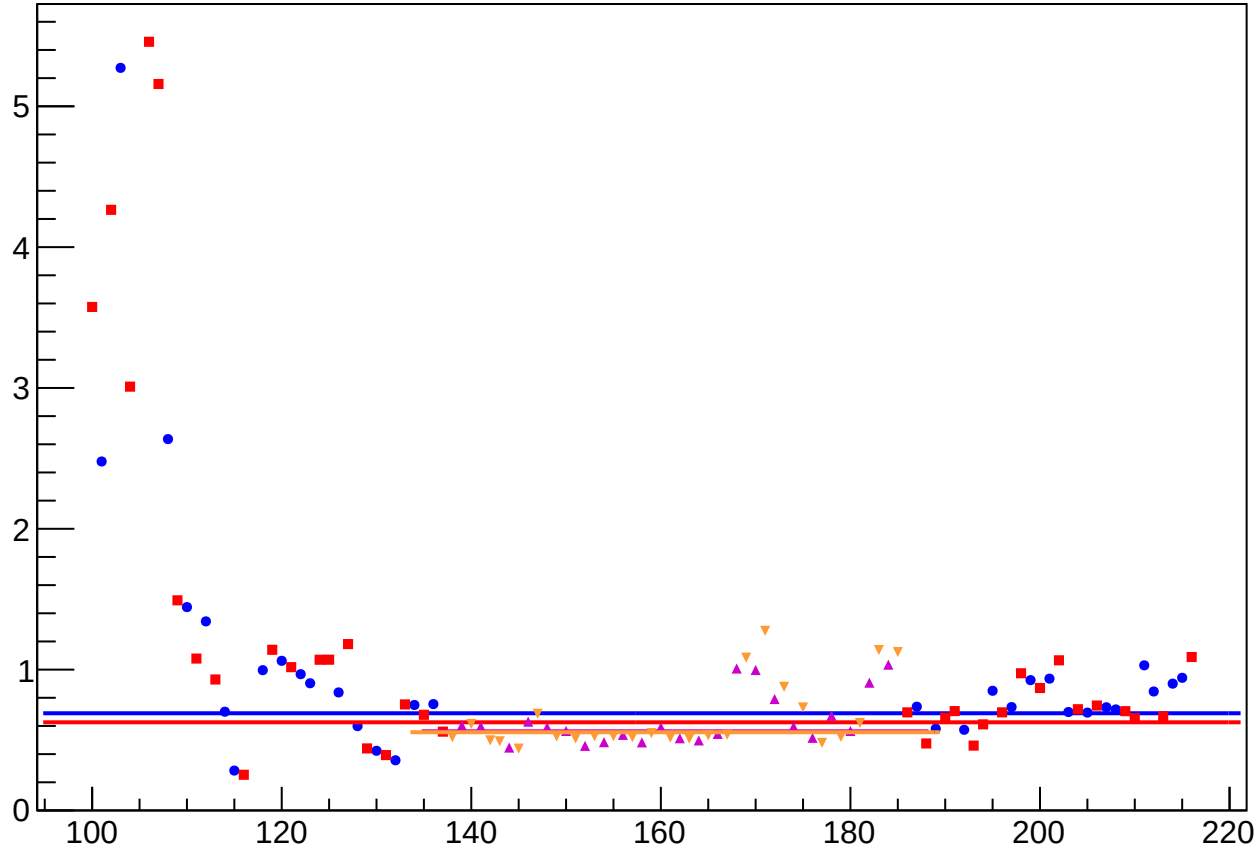
Left In: 149.391+/-0.000 χ^2/NDF:437129920.4/22

+ sign 148.357+/-0.000 χ^2/NDF: 1891460870.1/56

All: 147.291+/-0.000 χ^2/NDF: 6923779696.1

- sign 146.262+/-0.000 χ^2/NDF: 4862084061.8/57

yield_cav4cQ_rms vs Slug



Right In: 0.690+/-0.000 χ^2/NDF: 4343199.5/31

Left Out: 0.555+/-0.000 χ^2/NDF:1773380.1/24

Right Out: 0.626+/-0.000 χ^2/NDF: 5811775.5/34

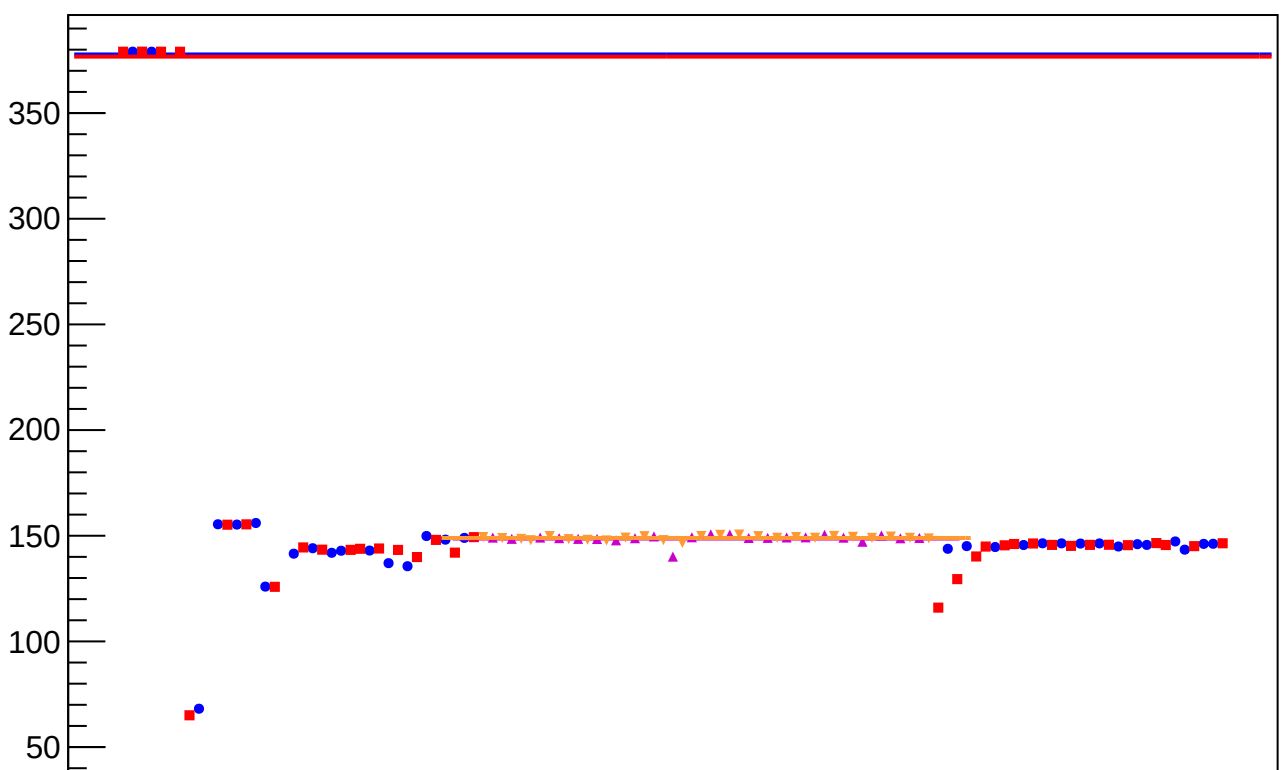
Left In: 0.562+/-0.000 χ^2/NDF:1311075.2/22

+ sign 0.600+/-0.000 χ^2/NDF: 6731596.8/56

All: 0.594+/-0.000 χ^2/NDF: 14021361.0/114

- sign 0.587+/-0.000 χ^2/NDF: 7277163.7/57

yield_cav4dQ_mean vs Slug



Right In: 377.732+/-0.000 χ^2/NDF: 4213780838756.7/31

Left Out: 148.946+/-0.000 χ^2/NDF:63974844.7/24

Right Out: 376.715+/-0.000 χ^2/NDF: 10335466478545.6/34

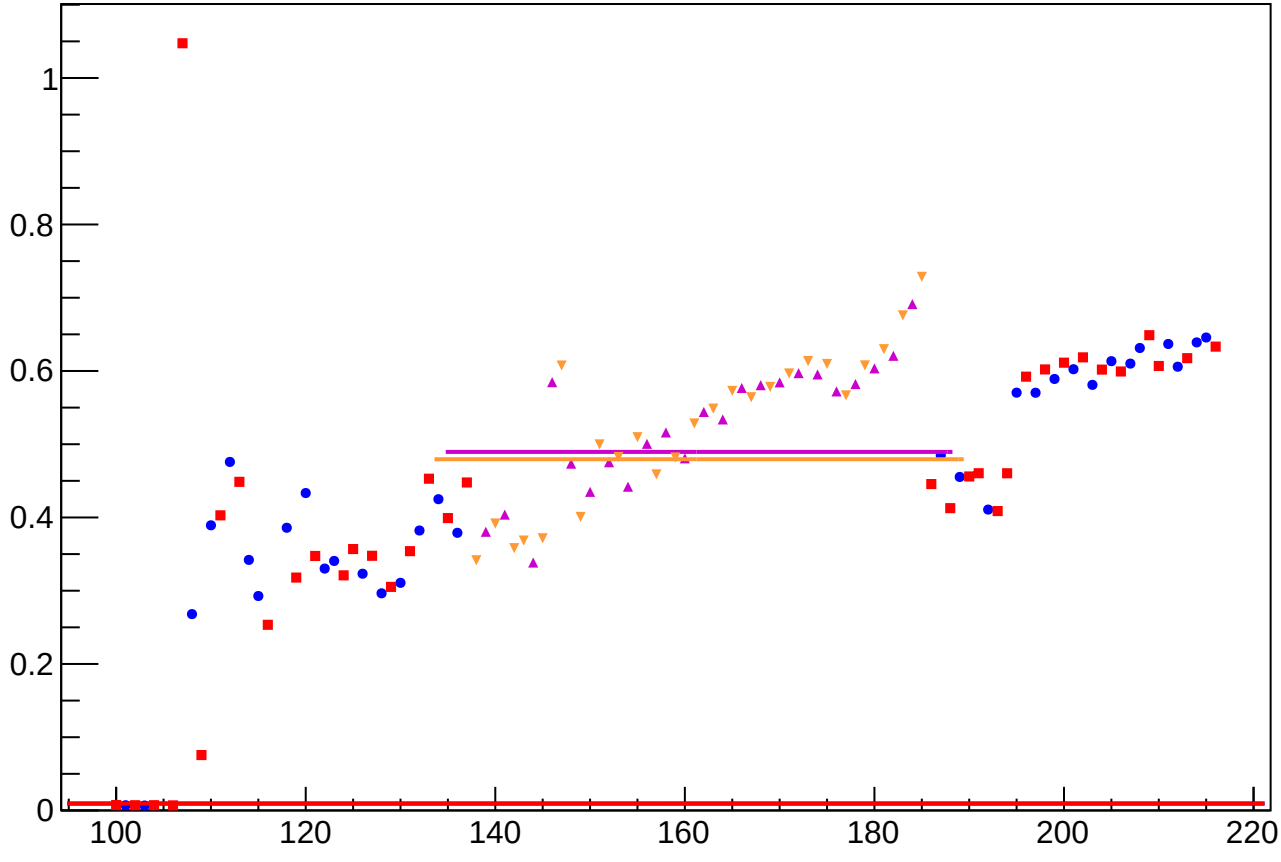
Left In: 148.683+/-0.000 χ^2/NDF:253848207.3/22

+ sign 376.456+/-0.000 χ^2/NDF: 8110383004151.5

All: 376.046+/-0.000 χ^2/NDF: 22017331183

- sign 375.687+/-0.000 χ^2/NDF: 13902720755381.7

yield_cav4dQ_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 29760637.4/31

Left Out: 0.479+/-0.000 χ^2/NDF:1518765.9/24

Right Out: 0.009+/-0.000 χ^2/NDF: 29948375.0/34

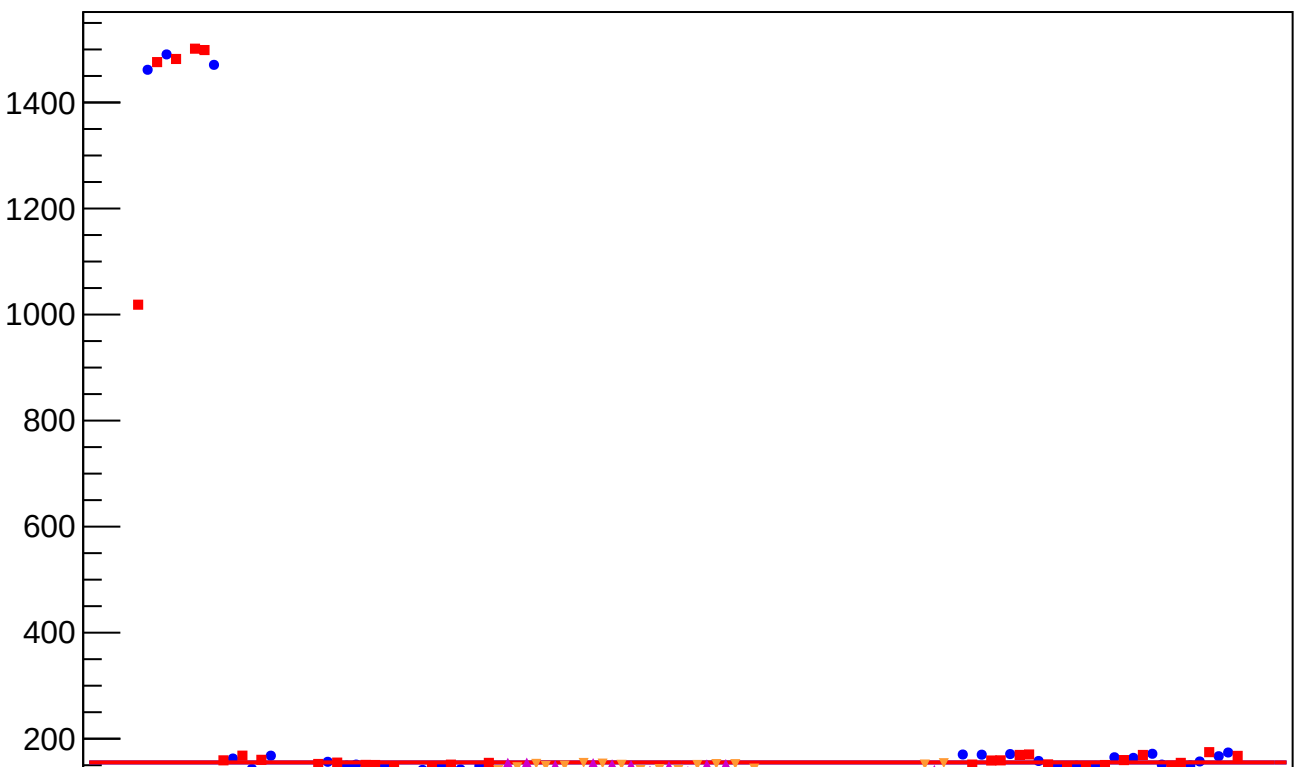
Left In: 0.490+/-0.000 χ^2/NDF:1090532.3/22

+ sign 0.012+/-0.000 χ^2/NDF: 64174964.6/56

All: 0.012+/-0.000 χ^2/NDF: 126842170.3/114

- sign 0.012+/-0.000 χ^2/NDF: 62663709.7/57

yield_bcm0l02_mean vs Slug



Right In: 155.202+/-0.000 χ^2/NDF: 26161356800.4/31

Left Out: 134.585+/-0.000 χ^2/NDF:4387324151.1/24

Right Out: 155.315+/-0.000 χ^2/NDF: 35260736417.5/34

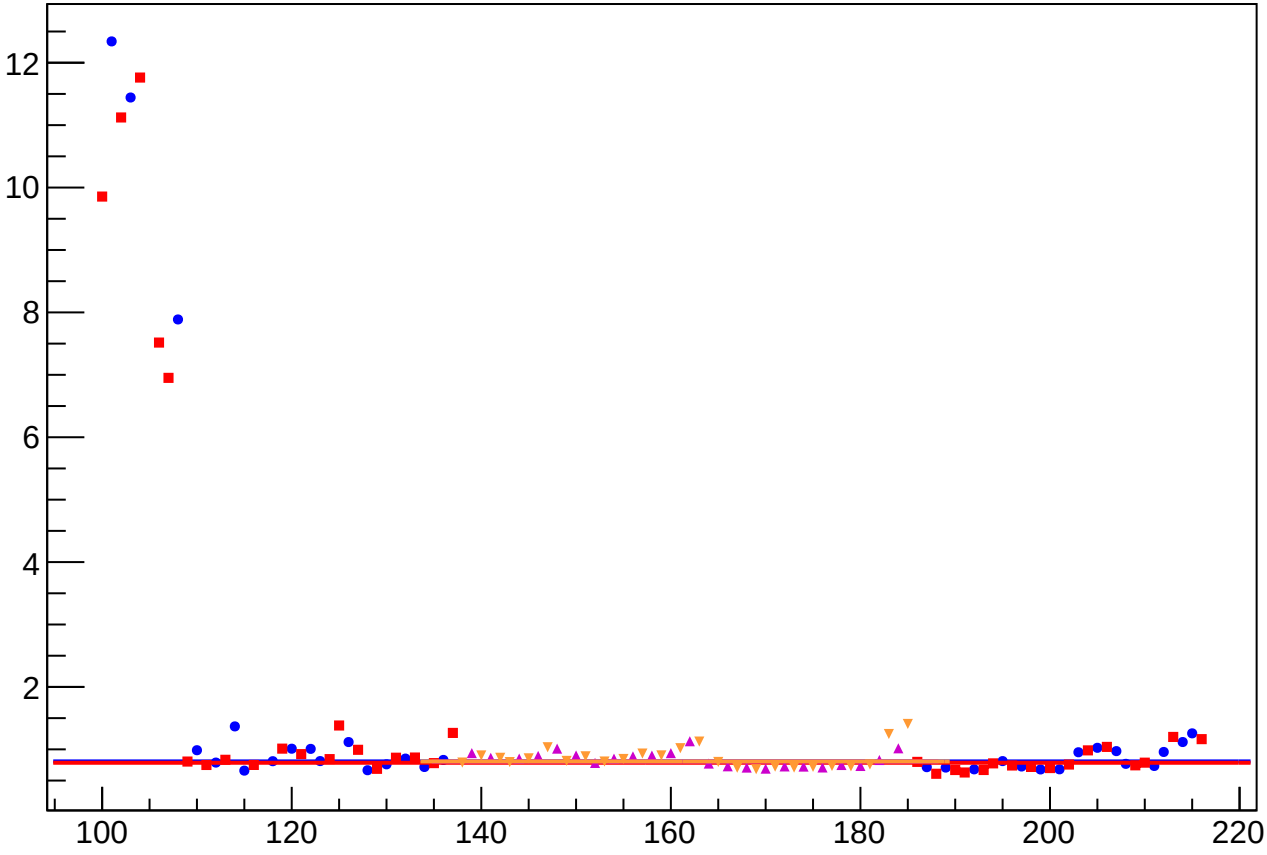
Left In: 133.309+/-0.000 χ^2/NDF:4353039408.6/22

+ sign 143.895+/-0.000 χ^2/NDF: 35105509402.0/56

All: 143.901+/-0.000 χ^2/NDF: 80071025410.

- sign 143.907+/-0.000 χ^2/NDF: 44965512664.9/57

yield_bcm0l02_rms vs Slug



Right In: 0.807+/-0.000 χ^2/NDF: 3305869.1/31

Left Out: 0.807+/-0.000 χ^2/NDF:704181.3/24

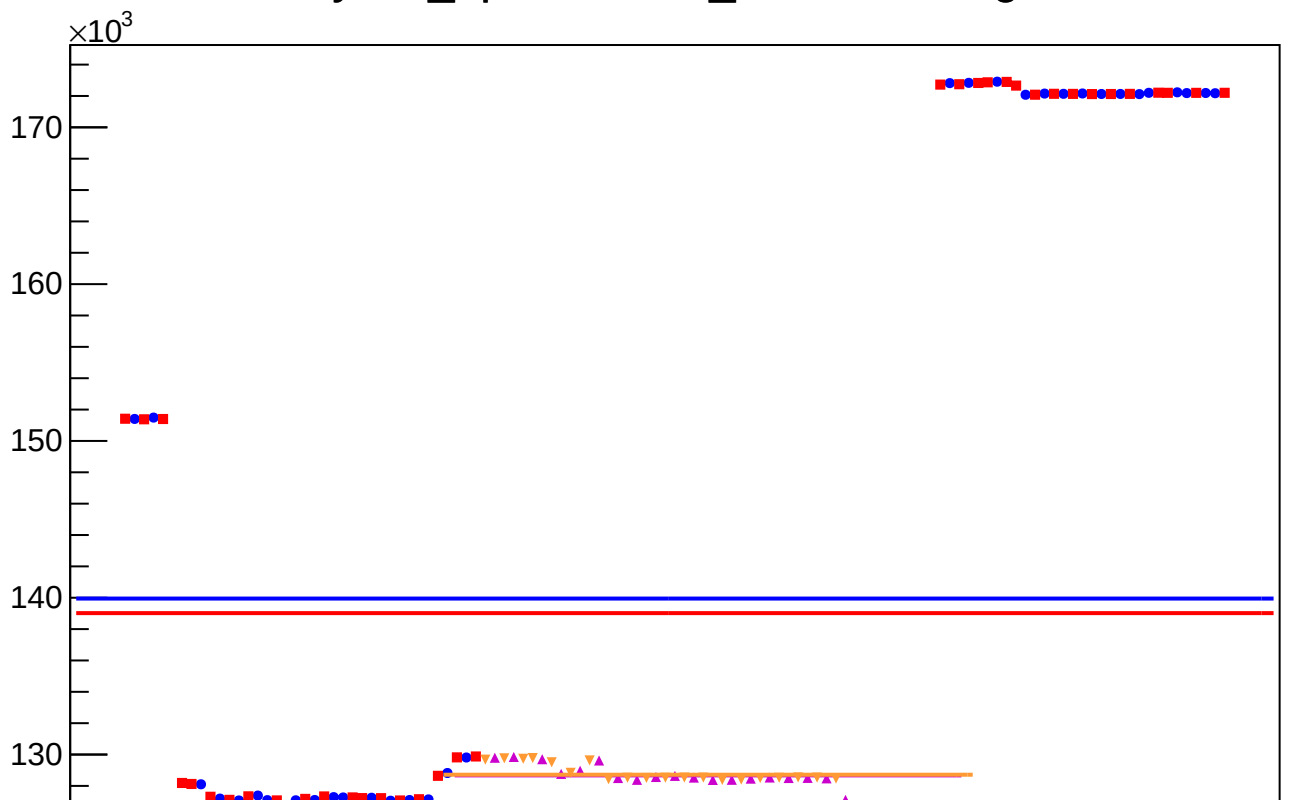
Right Out: 0.785+/-0.000 χ^2/NDF: 3564888.8/34

Left In: 0.805+/-0.000 χ^2/NDF:479689.4/22

+ sign 0.807+/-0.000 χ^2/NDF: 4010052.9/56

All: 0.801+/-0.000 χ^2/NDF: 8068867.4/114

- sign 0.795+/-0.000 χ^2/NDF: 4052895.7/57



Right In: 139947.822+/-0.047 χ^2/NDF: 181057686407.6/31

Left Out: 128713.791+/-0.047 χ^2/NDF:348293942.5/24

Right Out: 139019.261+/-0.044 χ^2/NDF: 197980651563.5/34

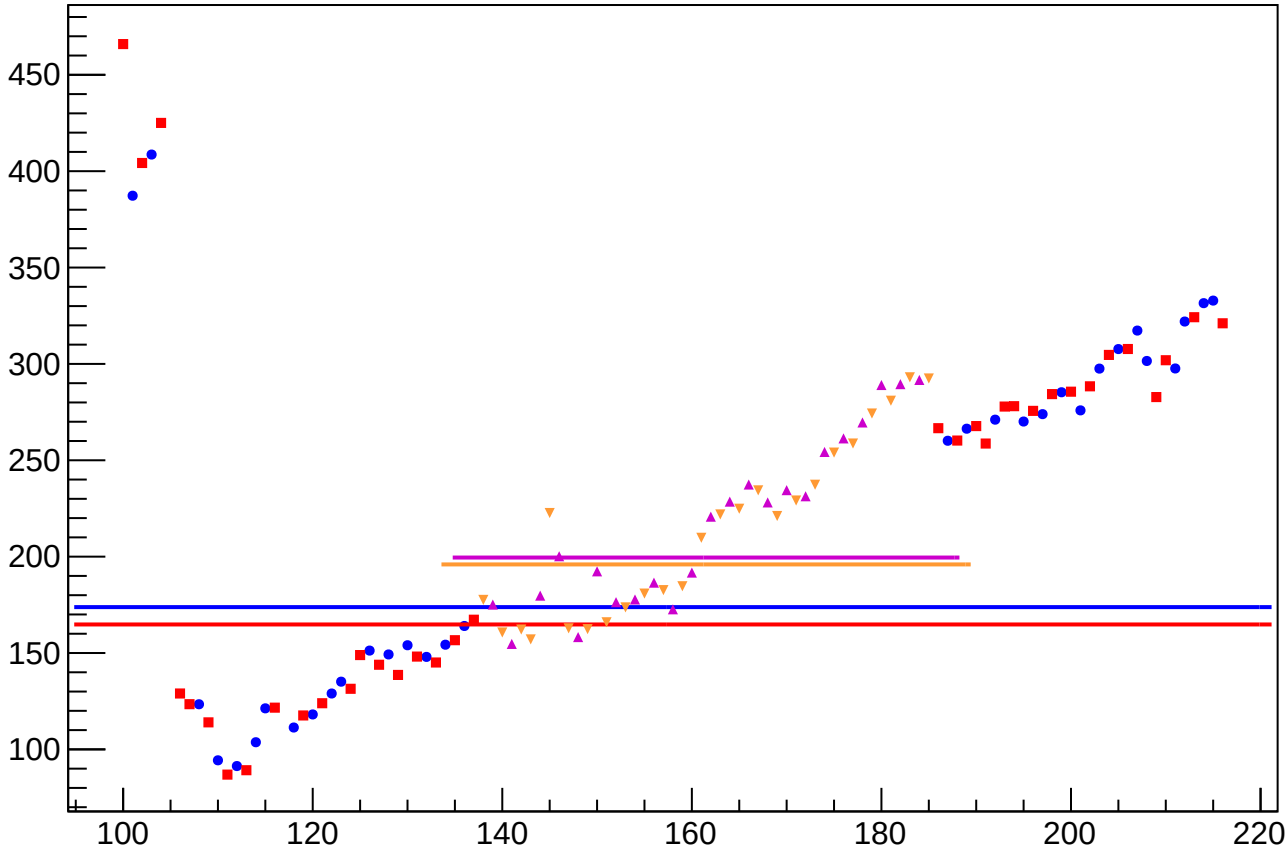
Left In: 128670.094+/-0.049 χ^2/NDF:334875494.0/22

+ sign 134325.442+/-0.033 χ^2/NDF: 21037219075

All: 134375.056+/-0.023 χ^2/NDF: 4336597

- sign 134423.294+/-0.033 χ^2/NDF: 22328307073

yield_bpm2i01WS_rms vs Slug



Right In: 173.816+/-0.033 χ^2/NDF: 6386899.8/31

Left Out: 195.964+/-0.033 χ^2/NDF:1316091.7/24

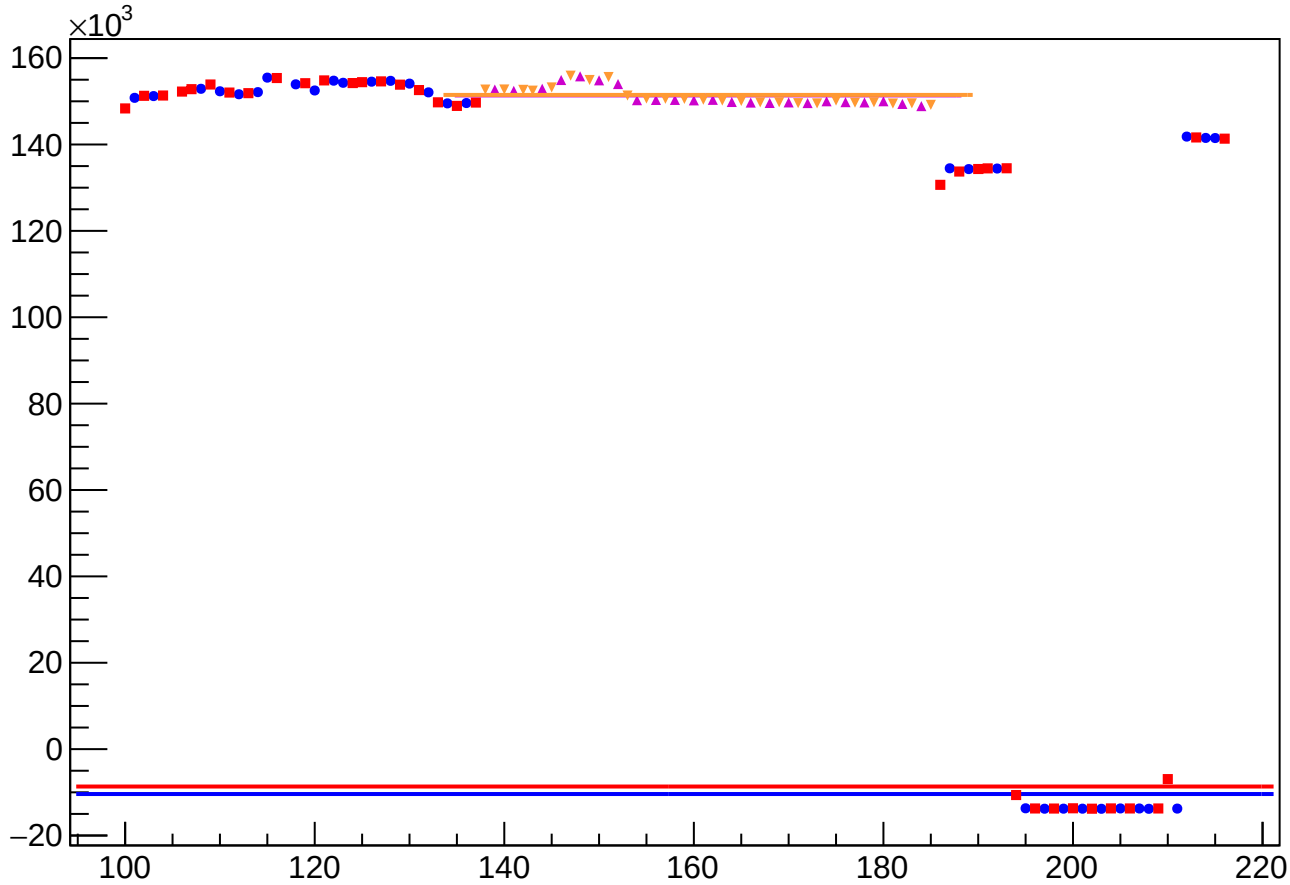
Right Out: 164.811+/-0.031 χ^2/NDF: 6766727.3/34

Left In: 199.531+/-0.035 χ^2/NDF:1175342.5/22

+ sign 184.901+/-0.023 χ^2/NDF: 7928164.5/56

All: 182.532+/-0.016 χ^2/NDF: 16452563.5/11

- sign 180.230+/-0.023 χ^2/NDF: 8504091.1/57



Right In: -10394.047+/-0.009 χ^2/NDF: 6385848261516.3/31

Left Out: 151480.339+/-0.049 χ^2/NDF:1483692735.3/24

Right Out: -8656.022+/-0.010 χ^2/NDF: 7509303262022.0/34

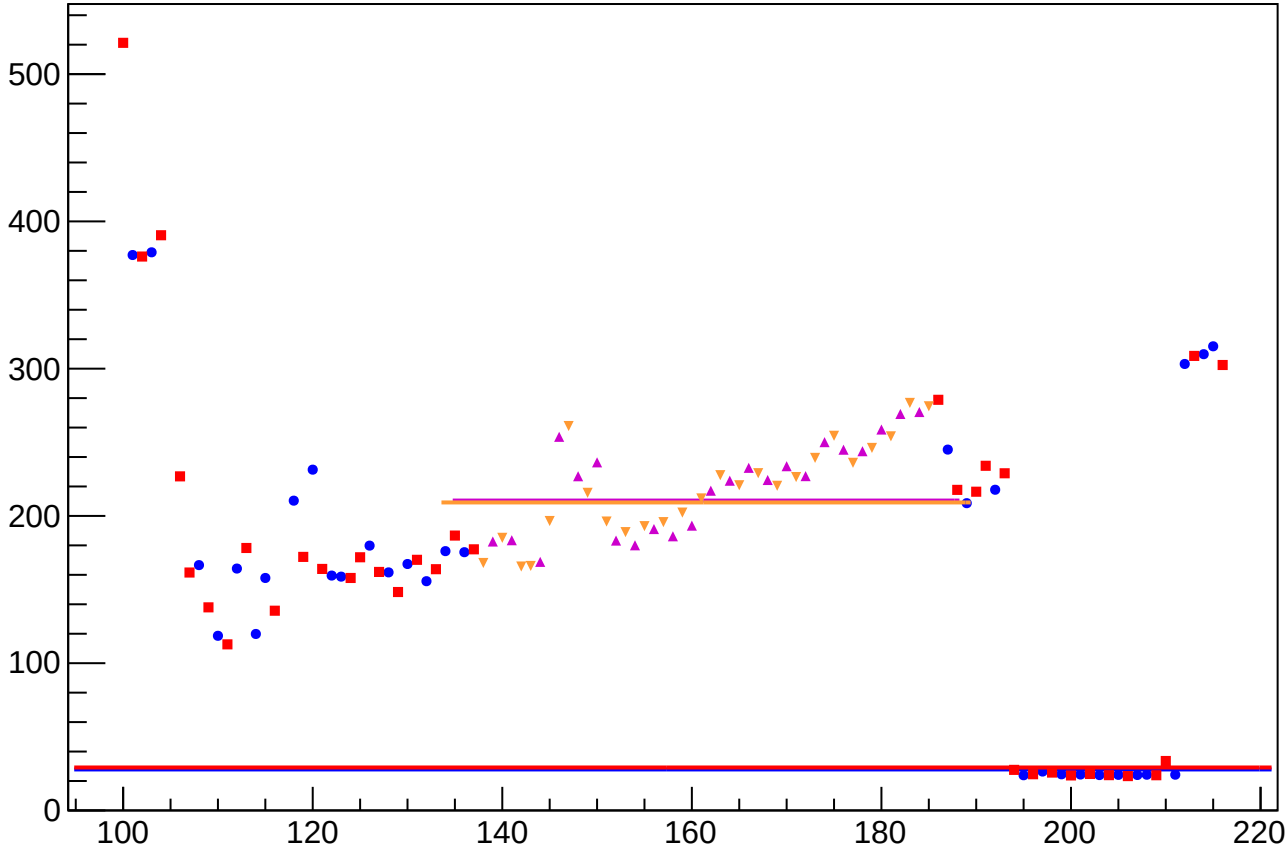
Left In: 151362.440+/-0.051 χ^2/NDF:1426782789.9/22

+ sign -4995.841+/-0.009 χ^2/NDF: 1673658941325

All: -3959.583+/-0.007 χ^2/NDF: 3367340640

- sign -2724.804+/-0.010 χ^2/NDF: 1690798307744

yield_bpm0i07WS_rms vs Slug



Right In: 27.846+/-0.006 χ^2/NDF: 15009203.0/31

Left Out: 209.156+/-0.035 χ^2/NDF:710094.9/24

Right Out: 29.177+/-0.007 χ^2/NDF: 15823797.3/34

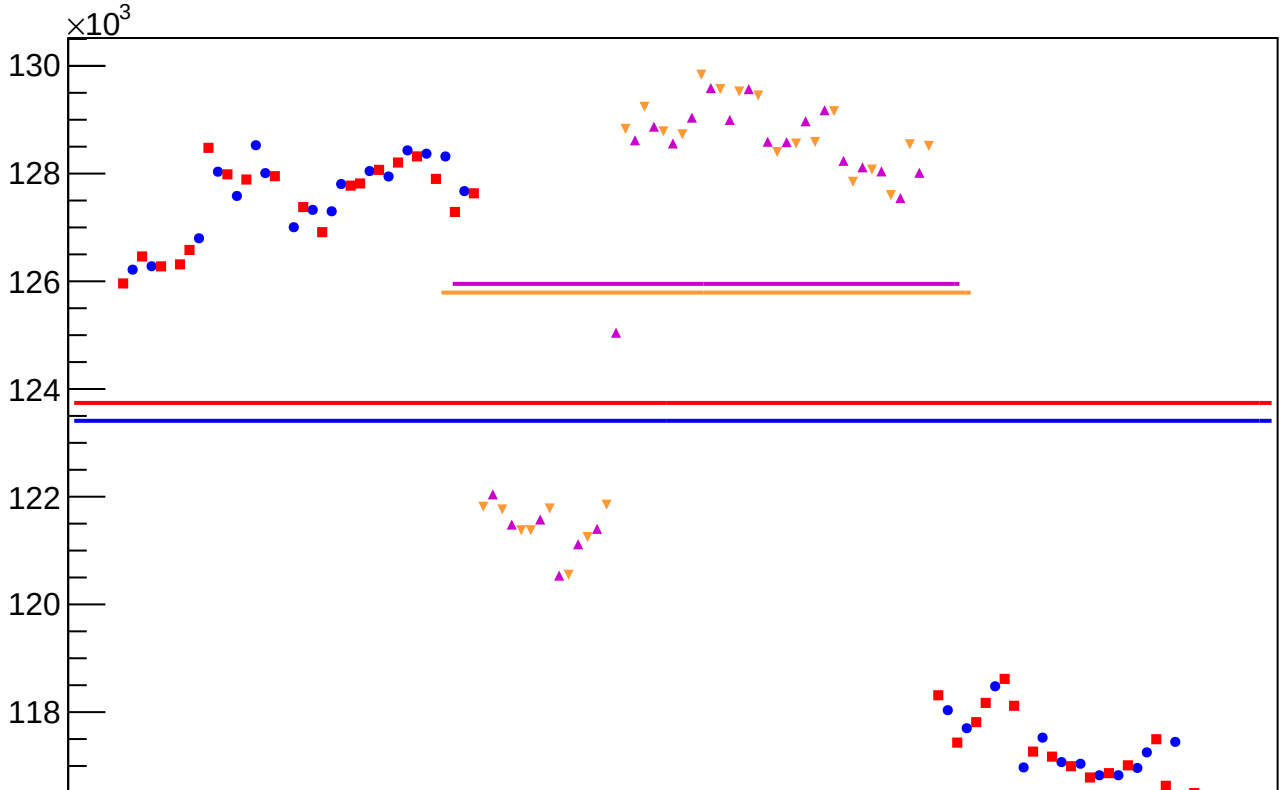
Left In: 210.431+/-0.036 χ^2/NDF:684015.0/22

+ sign 33.892+/-0.006 χ^2/NDF: 41686606.7/56

All: 34.806+/-0.005 χ^2/NDF: 82352941.1/114

- sign 35.896+/-0.007 χ^2/NDF: 40621442.4/57

yield_bpm0l01WS_mean vs Slug



Right In: 123409.322+/-0.045 χ^2/NDF: 13495981383.3/31

Left Out: 125790.126+/-0.044 χ^2/NDF:6744310079.8/24

Right Out: 123741.699+/-0.043 χ^2/NDF: 14140864339.2/34

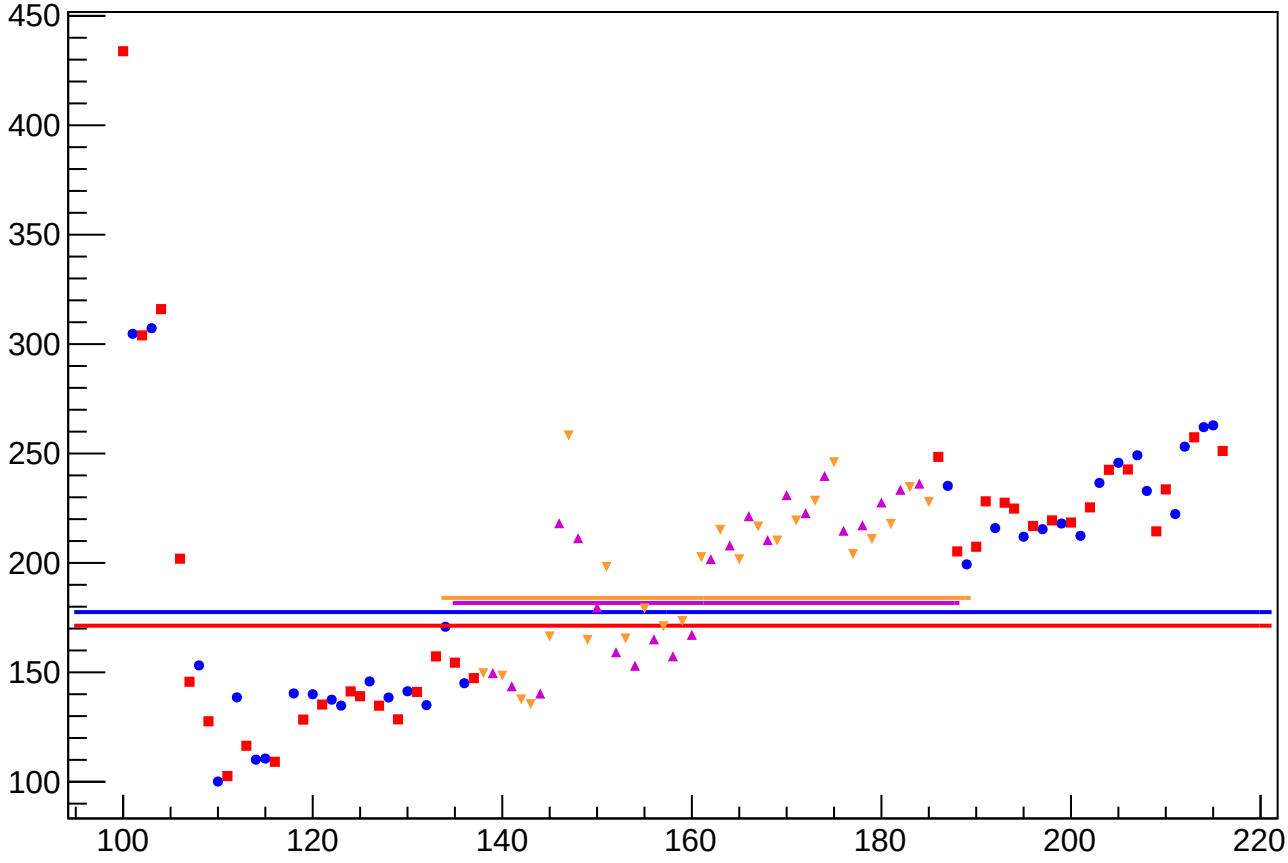
Left In: 125952.447+/-0.045 χ^2/NDF:5841800367.5/22

+ sign 124626.157+/-0.031 χ^2/NDF: 21674220773.3

All: 124715.402+/-0.022 χ^2/NDF: 42947963

- sign 124801.829+/-0.031 χ^2/NDF: 21257870640.8

yield_bpm0l01WS_rms vs Slug



Right In: 177.529+/-0.032 χ^2/NDF: 2760200.6/31

Left Out: 184.029+/-0.031 χ^2/NDF:1126592.5/24

Right Out: 171.319+/-0.030 χ^2/NDF: 3121197.2/34

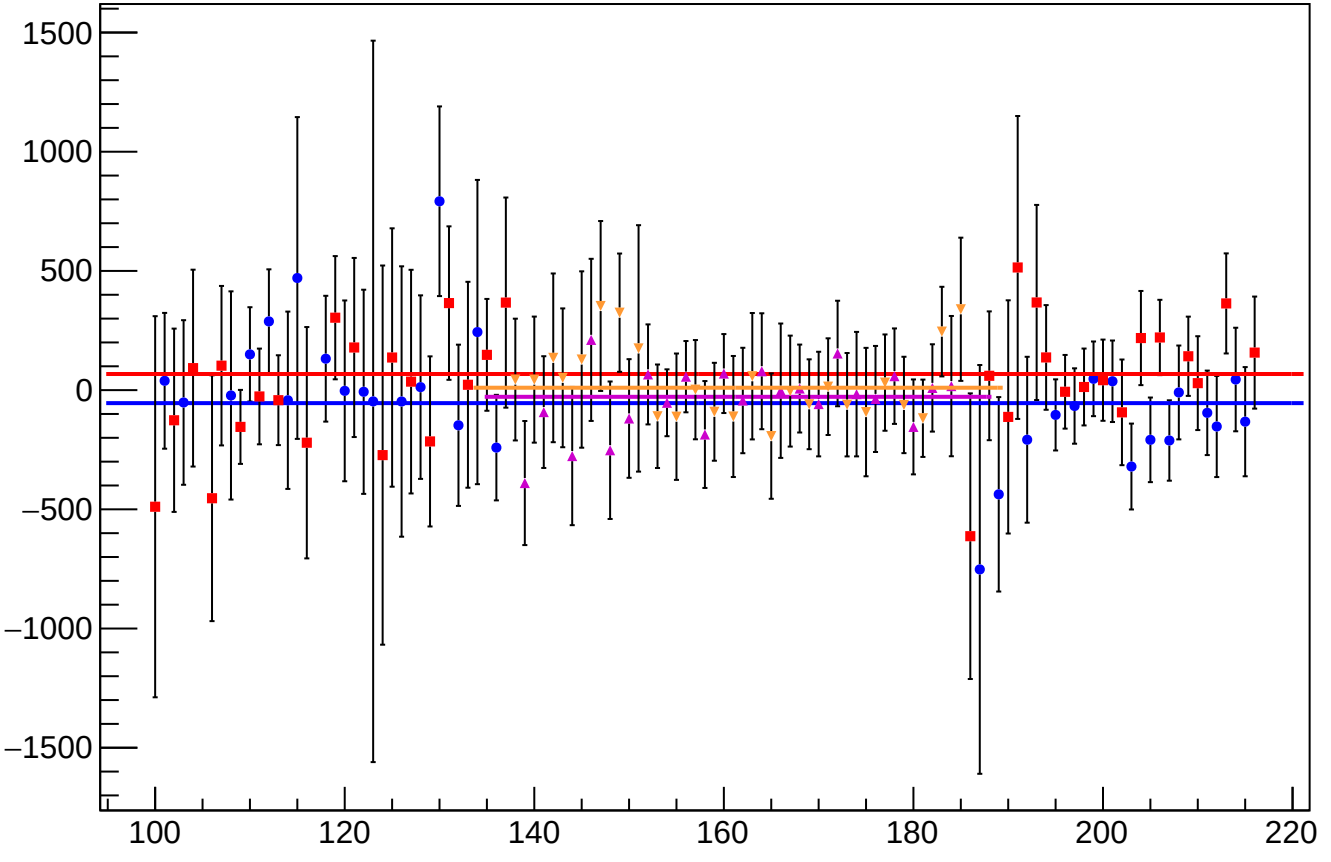
Left In: 181.714+/-0.032 χ^2/NDF:1116142.0/22

+ sign 180.851+/-0.022 χ^2/NDF: 3908171.3/56

All: 178.541+/-0.016 χ^2/NDF: 8223175.4/114

- sign 176.304+/-0.022 χ^2/NDF: 4293729.6/57

asym_bcm_an_ds_mean vs Slug



Right In: -54.529+/-42.624 χ^2/NDF: 17.3/31

Left Out: 10.078+/-47.488 χ^2/NDF:8.5/24

Right Out: 67.618+/-42.370 χ^2/NDF: 15.3/34

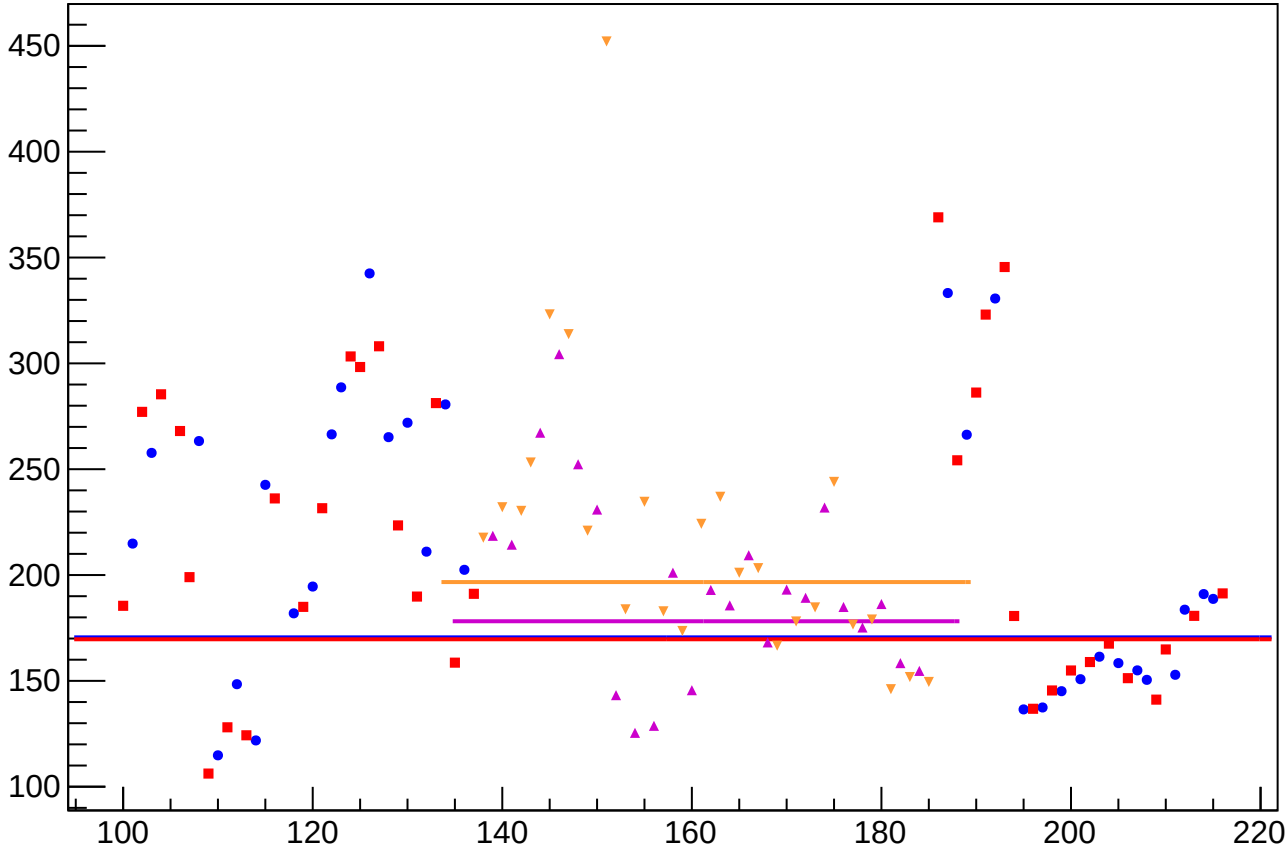
Left In: -28.050+/-44.573 χ^2/NDF:7.0/22

+ sign -25.703+/-31.720 χ^2/NDF: 26.8/56

All: -0.972+/-22.064 χ^2/NDF: 52.7/114

- sign 22.207+/-30.709 χ^2/NDF: 24.7/57

asym_bcm_an_ds_rms vs Slug



Right In: 170.555+/-0.030 χ^2/NDF: 2178460.3/31

Left Out: 196.682+/-0.034 χ^2/NDF:1782715.7/24

Right Out: 169.651+/-0.030 χ^2/NDF: 2863682.3/34

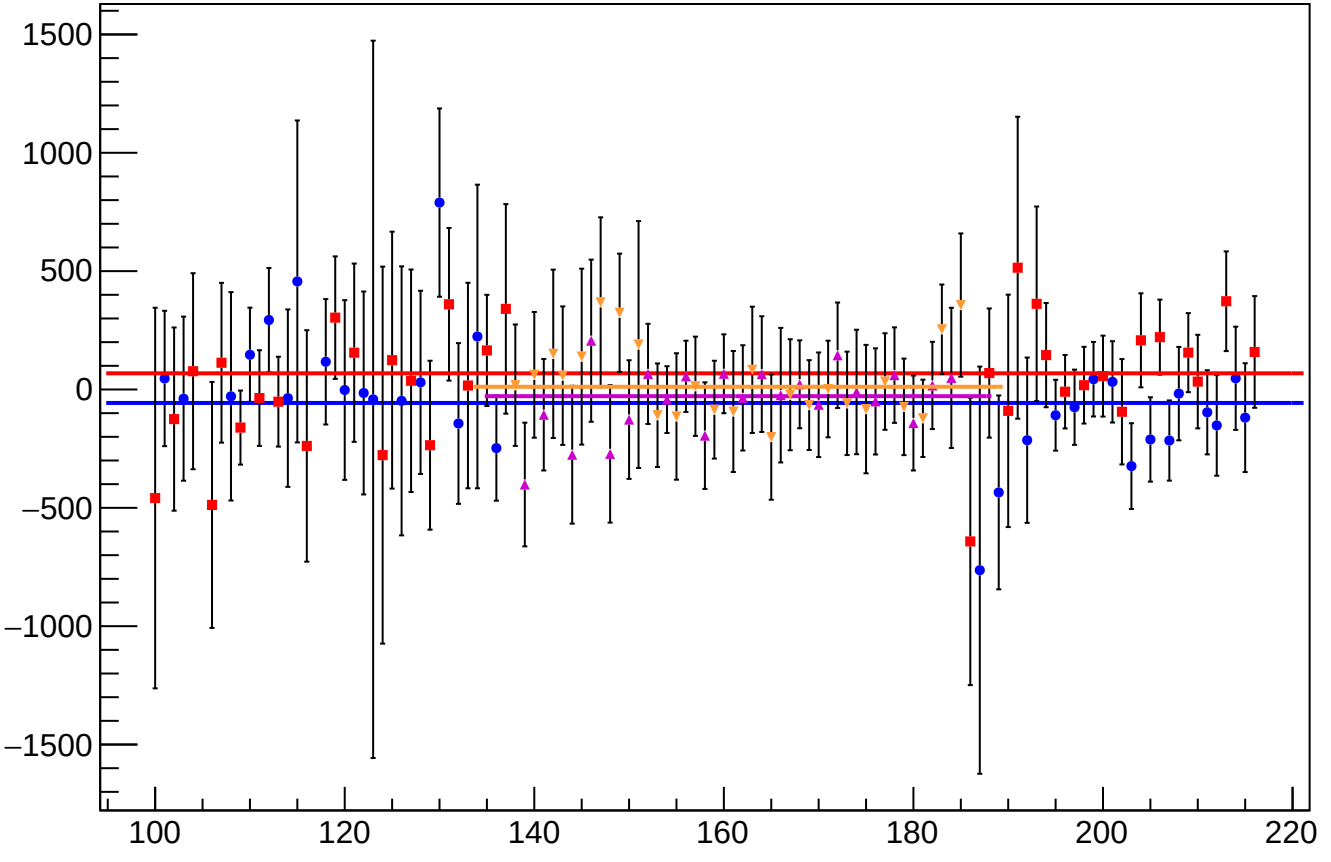
Left In: 178.166+/-0.032 χ^2/NDF:1618967.9/22

+ sign 182.212+/-0.022 χ^2/NDF: 4296438.2/56

All: 177.815+/-0.016 χ^2/NDF: 8891894.2/114

- sign 173.693+/-0.022 χ^2/NDF: 4520986.0/57

asym_bcm_an_ds3_mean vs Slug



Right In: -56.870+/-42.816 χ^2/NDF: 17.3/31

Left Out: 11.479+/-47.819 χ^2/NDF:8.8/24

Right Out: 68.377+/-42.574 χ^2/NDF: 15.7/34

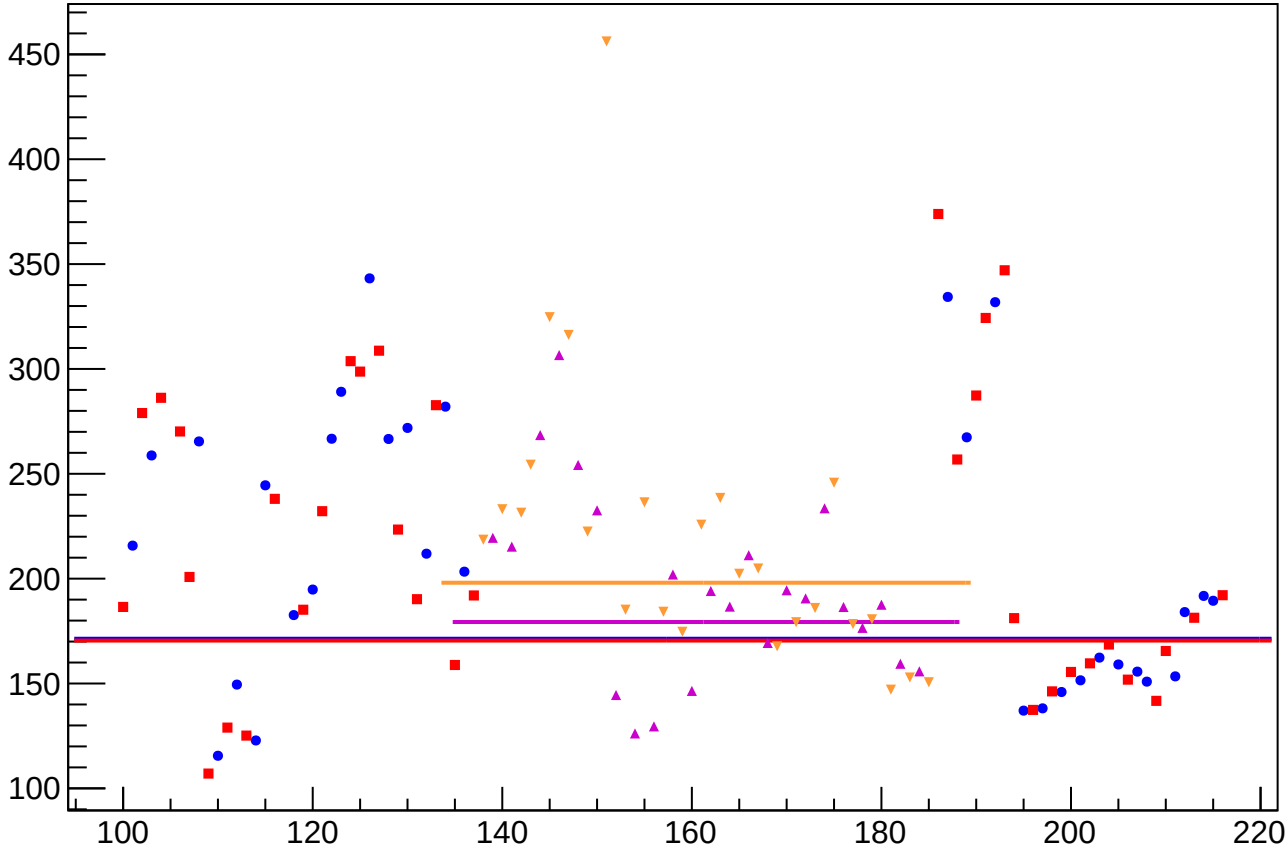
Left In: -28.280+/-44.863 χ^2/NDF:7.1/22

\+ sign -26.457+/-31.898 χ^2/NDF: 27.2/56

All: -1.147+/-22.187 χ^2/NDF: 53.7/114

\- sign 22.577+/-30.882 χ^2/NDF: 25.2/57

asym_bcm_an_ds3_rms vs Slug



Right In: 171.344+/-0.030 χ^2/NDF: 2169615.5/31

Left Out: 198.059+/-0.034 χ^2/NDF:1778526.5/24

Right Out: 170.481+/-0.030 χ^2/NDF: 2859277.6/34

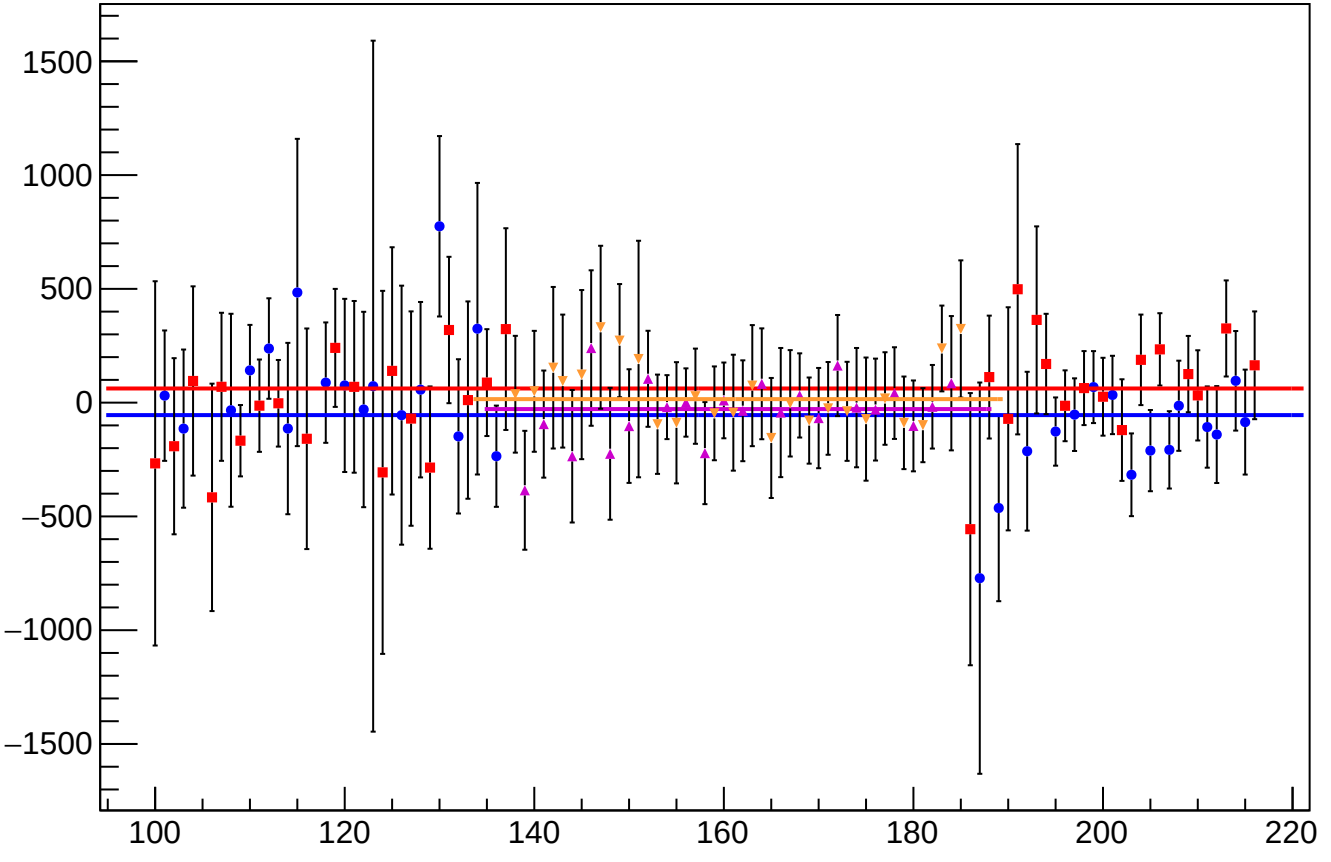
Left In: 179.324+/-0.032 χ^2/NDF:1618266.2/22

+ sign 183.231+/-0.023 χ^2/NDF: 4294592.8/56

All: 178.813+/-0.016 χ^2/NDF: 8887369.2/114

- sign 174.671+/-0.022 χ^2/NDF: 4518427.2/57

asym_bcm_an_us_mean vs Slug



Right In: -54.766+/-42.902 χ^2/NDF: 16.9/31

Left Out: 15.437+/-47.695 χ^2/NDF:7.0/24

Right Out: 62.206+/-42.609 χ^2/NDF: 13.7/34

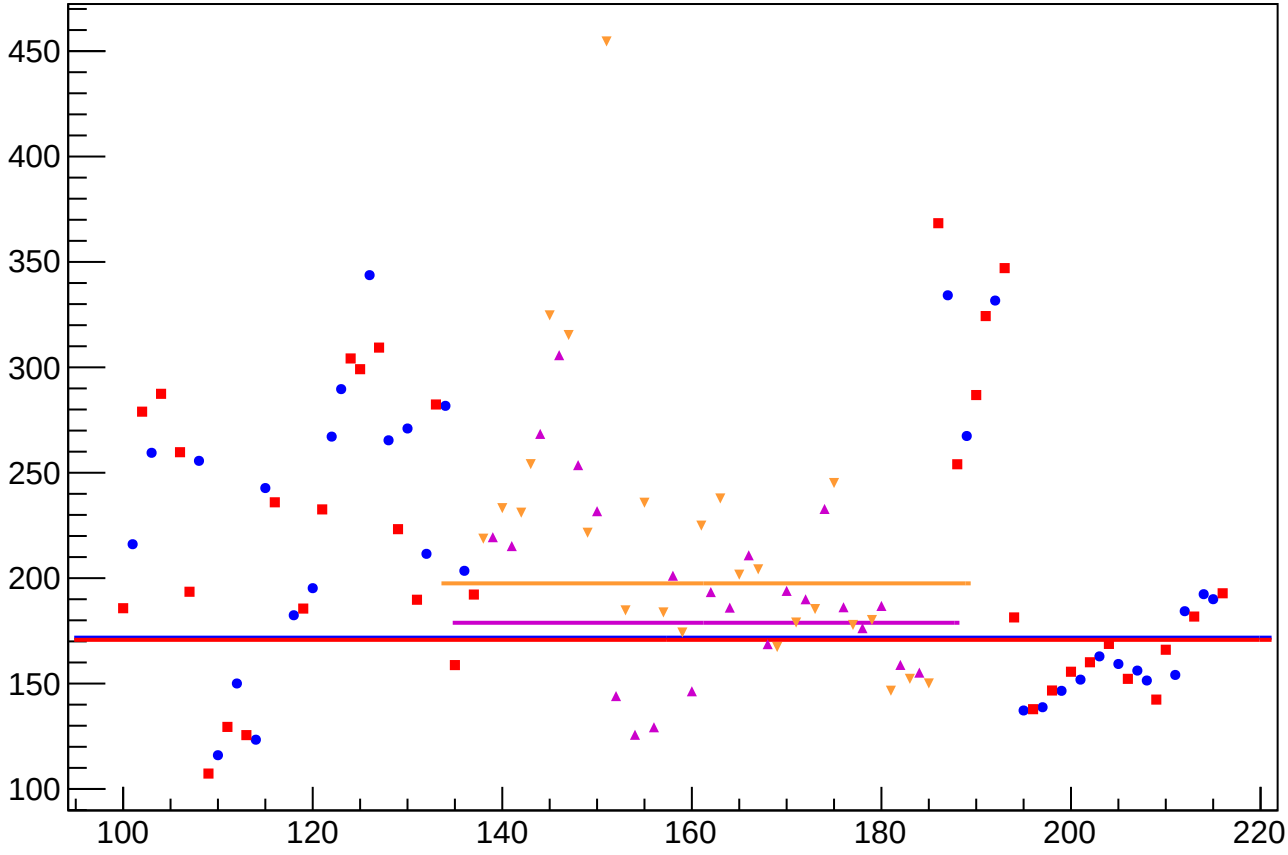
Left In: -28.277+/-44.743 χ^2/NDF:6.4/22

+ sign -23.368+/-31.897 χ^2/NDF: 25.1/56

All: -1.391+/-22.177 χ^2/NDF: 48.2/114

- sign 19.175+/-30.856 χ^2/NDF: 22.2/57

asym_bcm_an_us_rms vs Slug



Right In: 171.777+/-0.030 χ^2/NDF: 2137204.4/31

Left Out: 197.527+/-0.034 χ^2/NDF:1784225.5/24

Right Out: 170.739+/-0.030 χ^2/NDF: 2812340.8/34

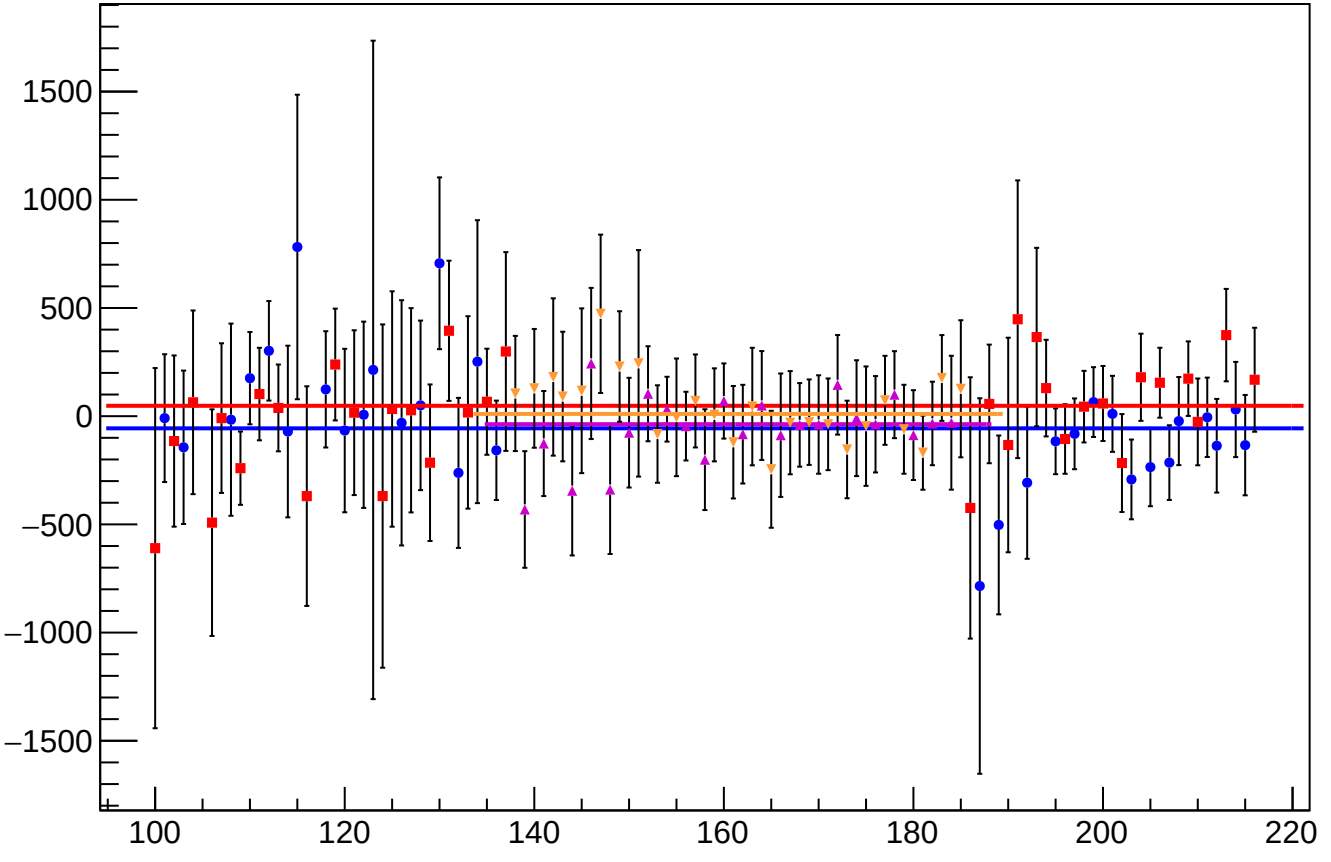
Left In: 178.836+/-0.032 χ^2/NDF:1622266.9/22

+ sign 183.294+/-0.023 χ^2/NDF: 4243679.9/56

All: 178.797+/-0.016 χ^2/NDF: 8789565.1/114

- sign 174.590+/-0.022 χ^2/NDF: 4468951.7/57

asym_bcm_dg_us_mean vs Slug



Right In: -56.199+/-43.815 χ^2/NDF: 17.4/31

Left Out: 10.534+/-49.197 χ^2/NDF:7.5/24

Right Out: 47.998+/-43.715 χ^2/NDF: 16.6/34

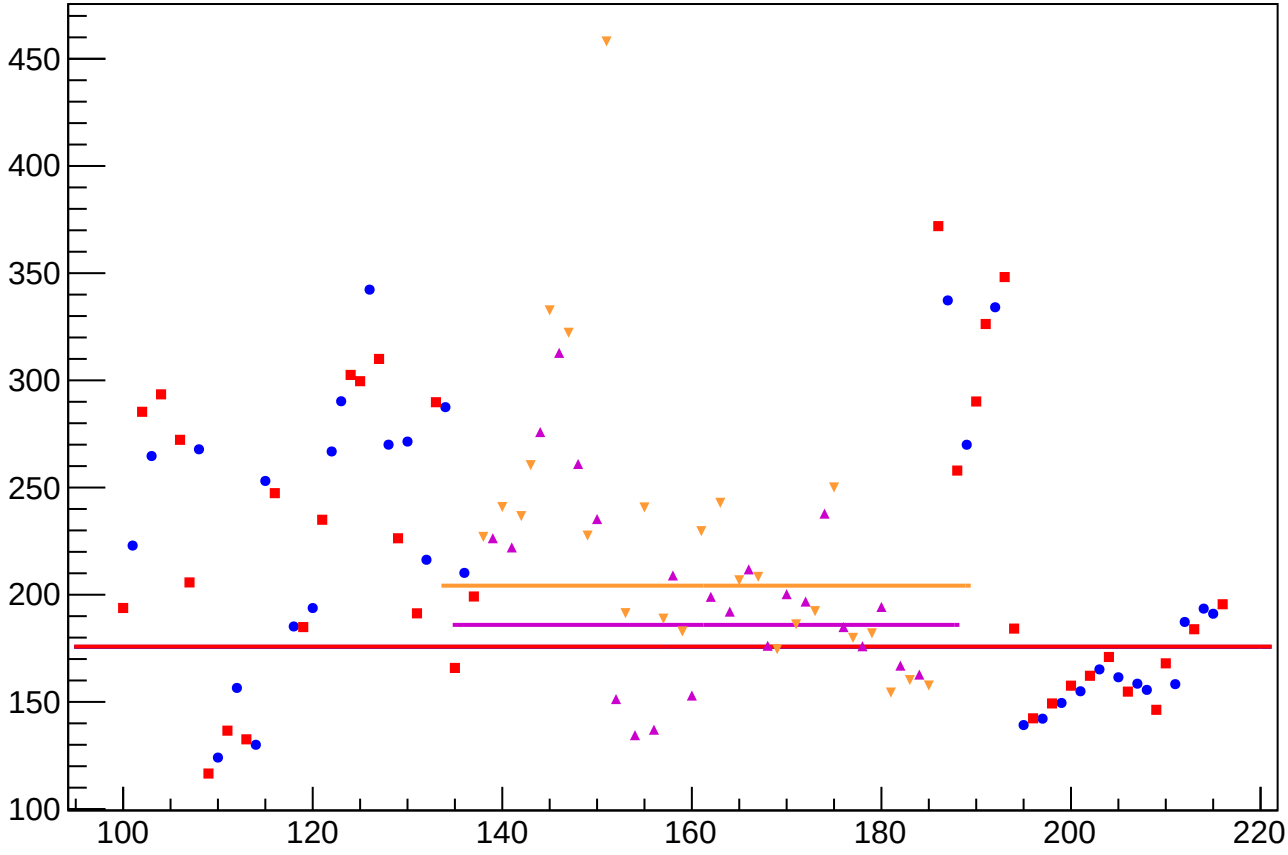
Left In: -37.000+/-46.358 χ^2/NDF:7.9/22

+ sign -26.681+/-32.720 χ^2/NDF: 25.9/56

All: -8.853+/-22.806 χ^2/NDF: 52.7/114

- sign 7.991+/-31.804 χ^2/NDF: 26.3/57

asym_bcm_dg_us_rms vs Slug



Right In: 175.690+/-0.031 χ^2/NDF: 2052887.0/31

Left Out: 204.236+/-0.035 χ^2/NDF:1675666.0/24

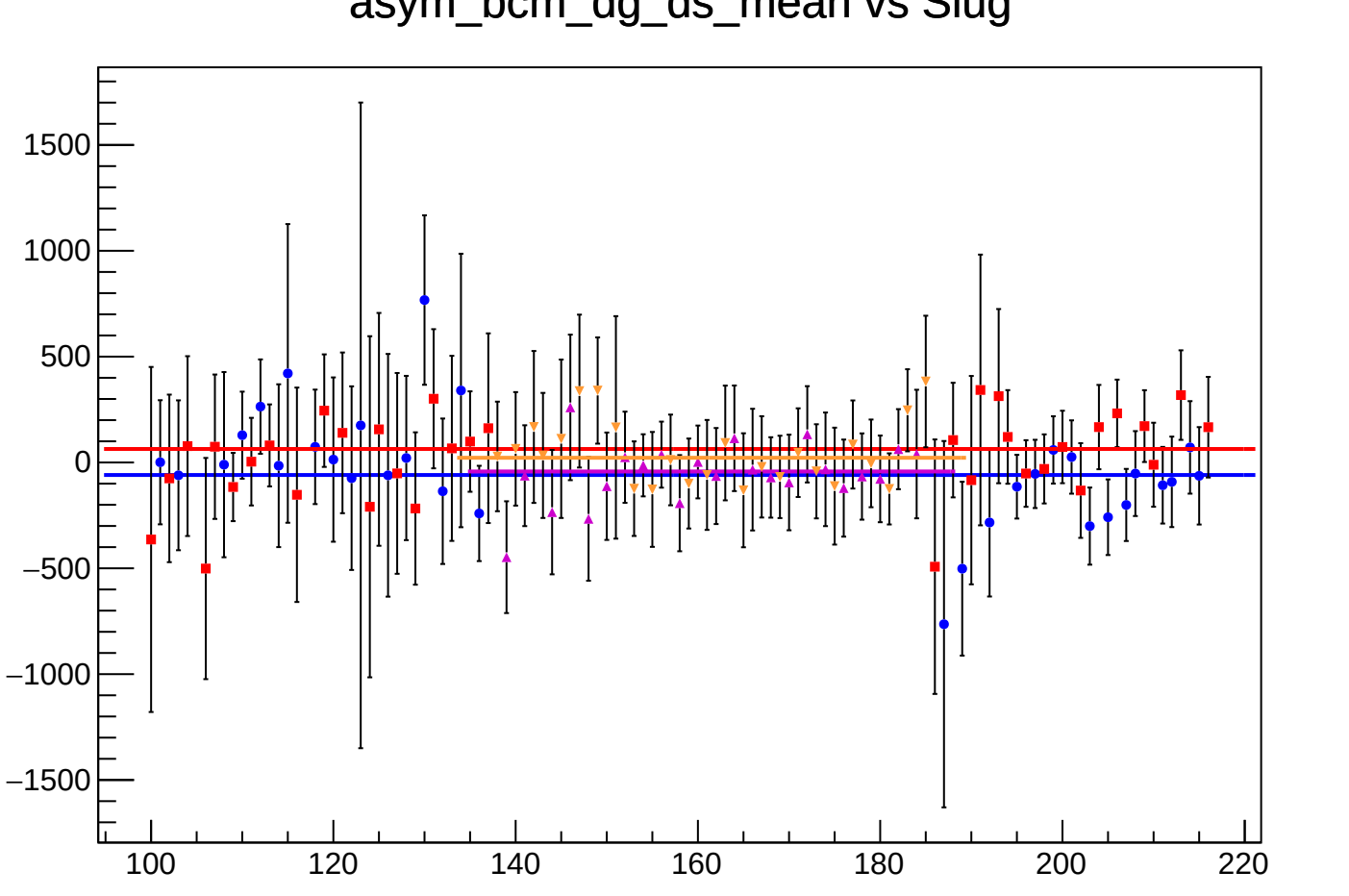
Right Out: 175.802+/-0.031 χ^2/NDF: 2626003.5/34

Left In: 185.931+/-0.033 χ^2/NDF:1460065.0/22

+ sign 188.317+/-0.023 χ^2/NDF: 4104054.2/56

All: 184.333+/-0.016 χ^2/NDF: 8298324.4/114

- sign 180.570+/-0.022 χ^2/NDF: 4136616.0/57



Right In: -59.173+/-43.275 χ^2/NDF: 16.5/31

Left Out: 22.189+/-48.738 χ^2/NDF:8.4/24

Right Out: 63.788+/-43.051 χ^2/NDF: 11.8/34

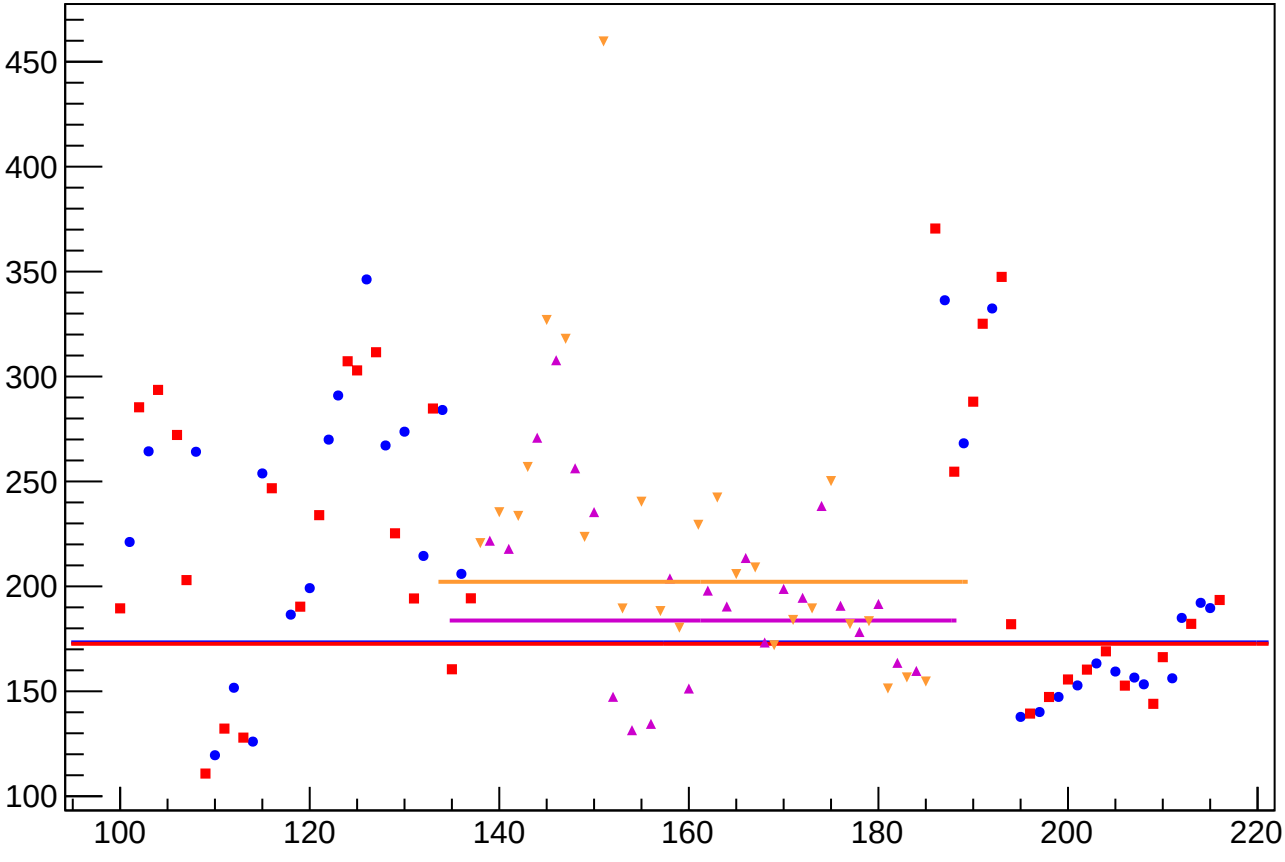
Left In: -42.446+/-45.861 χ^2/NDF:6.7/22

+ sign -23.306+/-32.360 χ^2/NDF: 26.4/56

All: -4.072+/-22.530 χ^2/NDF: 48.5/114

- sign 14.025+/-31.388 χ^2/NDF: 21.4/57

asym_bcm_dg_ds_rms vs Slug



Right In: 173.296+/-0.031 χ^2/NDF: 2138181.9/31

Left Out: 202.186+/-0.034 χ^2/NDF:1696571.9/24

Right Out: 172.647+/-0.030 χ^2/NDF: 2788985.3/34

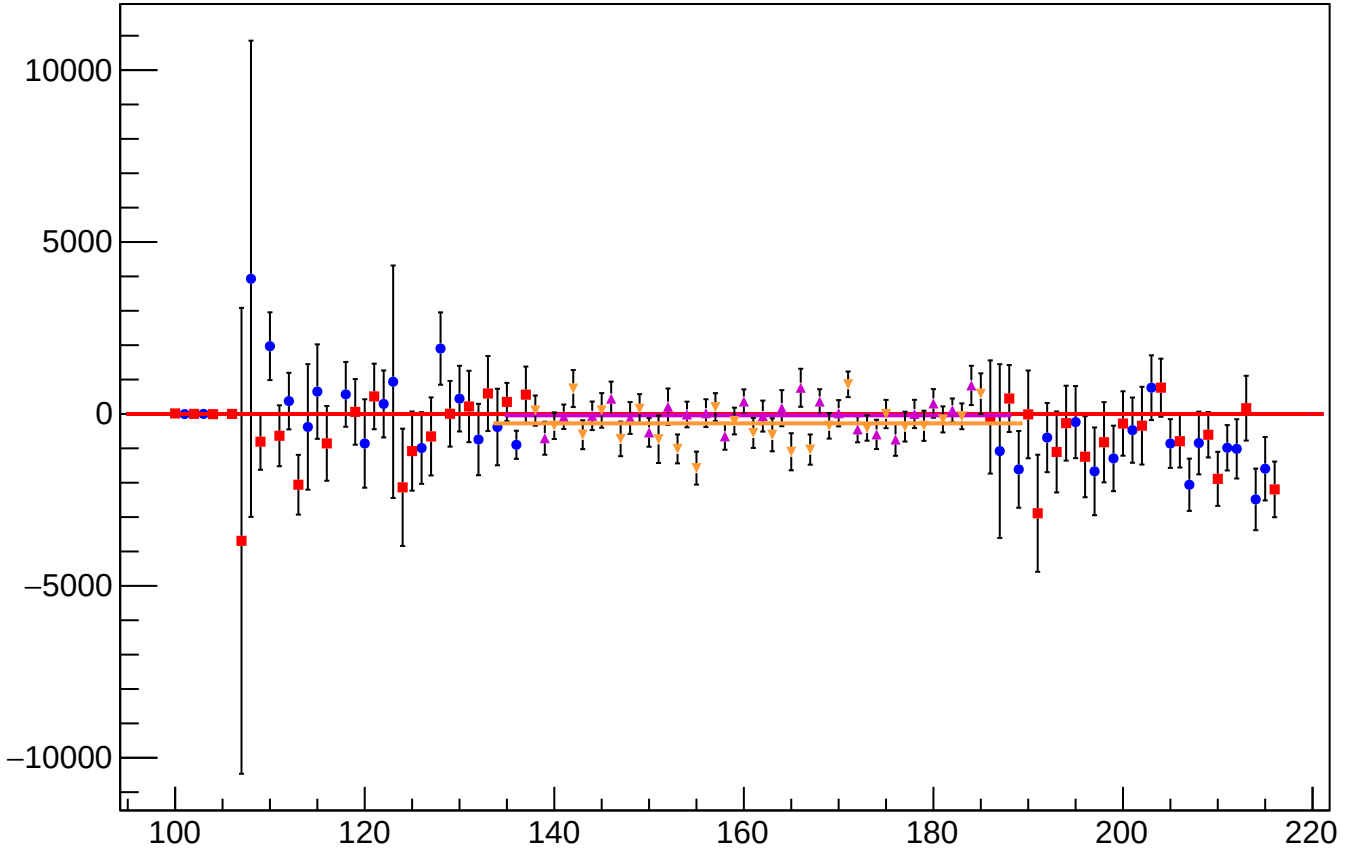
Left In: 183.732+/-0.032 χ^2/NDF:1495930.4/22

+ sign 186.032+/-0.023 χ^2/NDF: 4227686.2/56

All: 181.811+/-0.016 χ^2/NDF: 8640755.4/114

- sign 177.840+/-0.022 χ^2/NDF: 4347027.0/57

asym_cav4bQ_mean vs Slug



Right In: -1.627+/-2.251 χ^2/NDF: 48.1/31

Left Out: -273.664+/-86.869 χ^2/NDF:38.3/24

Right Out: -0.782+/-2.111 χ^2/NDF: 39.9/34

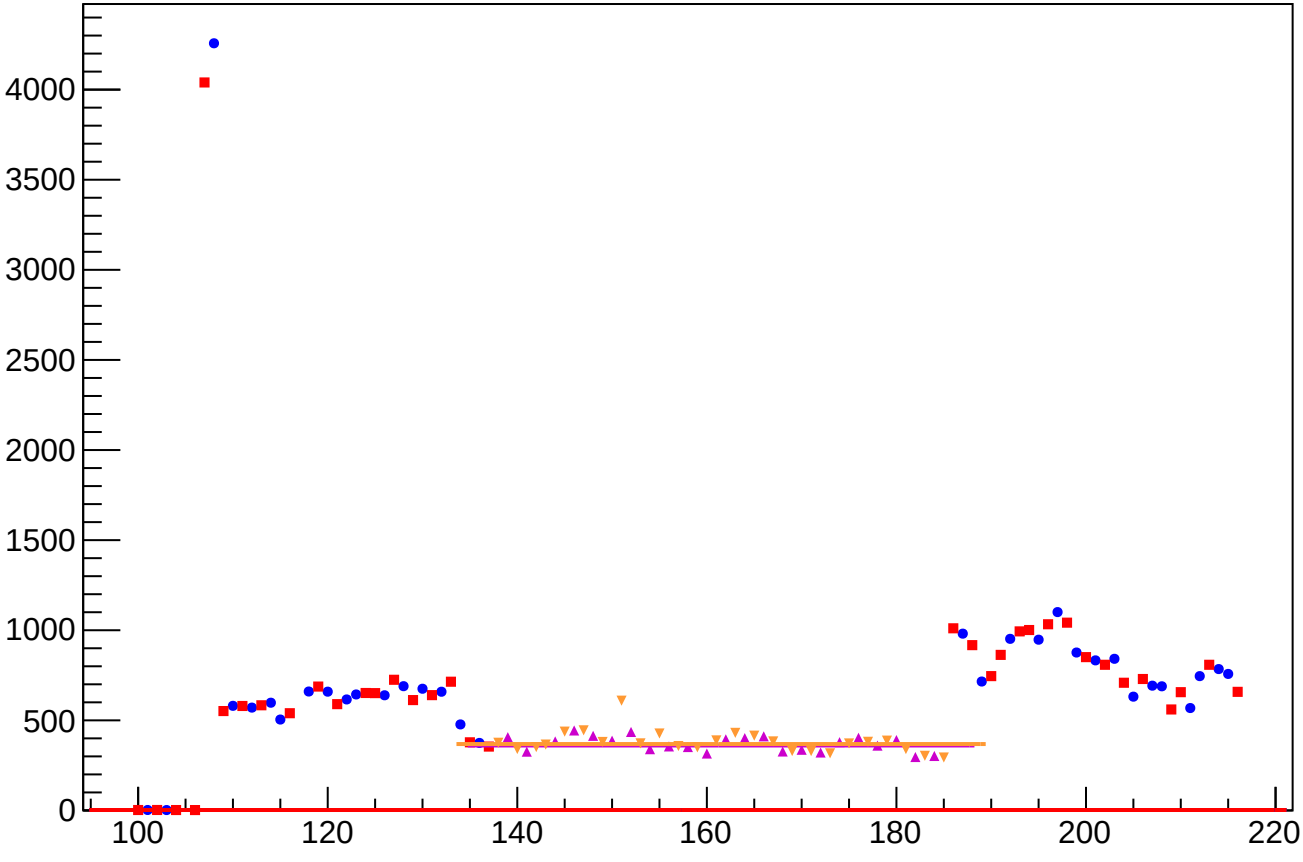
Left In: -40.480+/-87.470 χ^2/NDF:20.2/22

+ sign -1.809+/-2.251 χ^2/NDF: 96.2/56

All: -1.275+/-1.539 χ^2/NDF: 156.6/114

- sign -0.805+/-2.110 χ^2/NDF: 60.3/57

asym_cav4bQ_rms vs Slug



Right In: 2.524+/-0.002 χ^2/NDF: 31652218.1/31

Left Out: 368.500+/-0.061 χ^2/NDF:623011.6/24

Right Out: 2.495+/-0.001 χ^2/NDF: 32465138.7/34

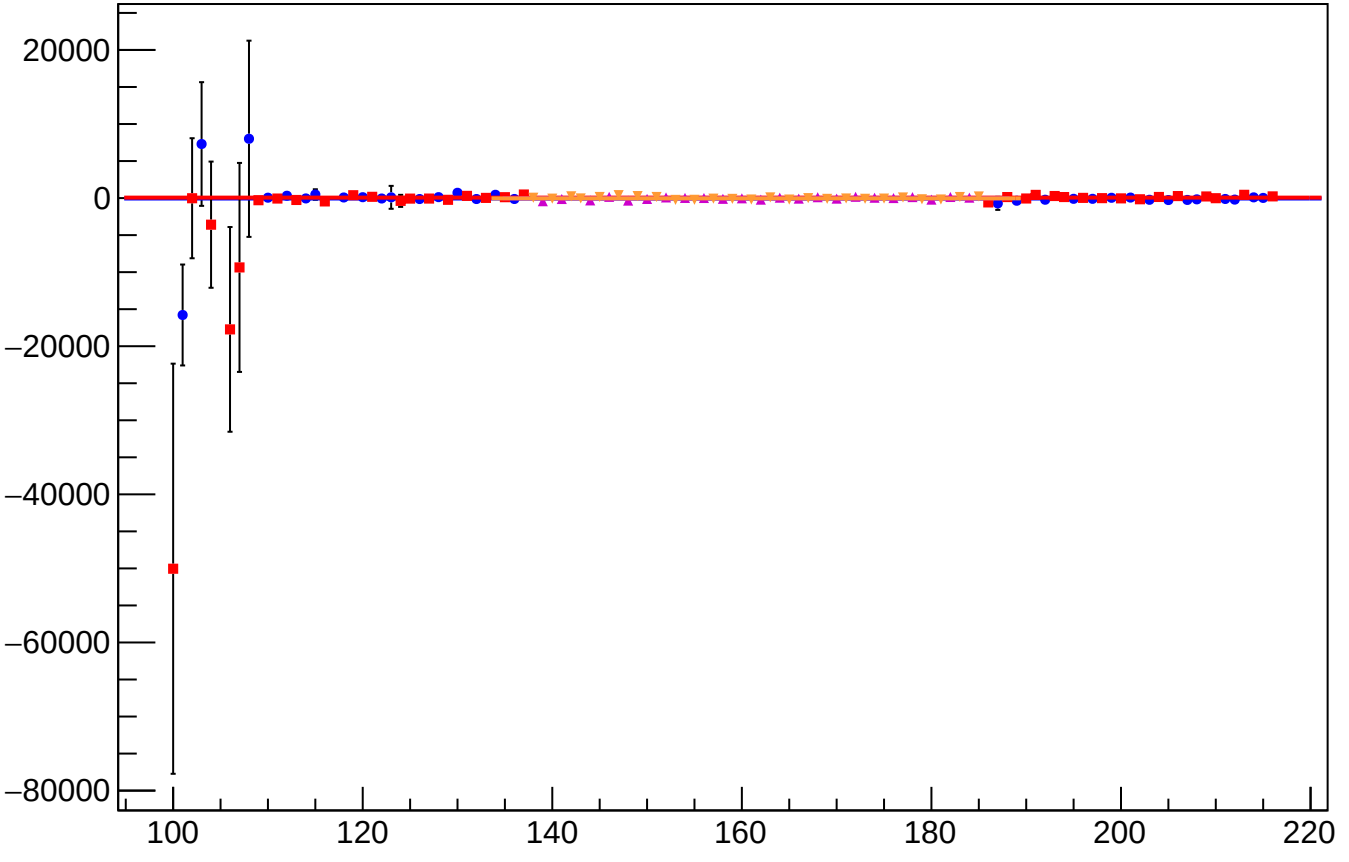
Left In: 360.571+/-0.062 χ^2/NDF:421995.5/22

+ sign 2.770+/-0.002 χ^2/NDF: 67749293.8/56

All: 2.735+/-0.001 χ^2/NDF: 134134619.7/114

- sign 2.704+/-0.001 χ^2/NDF: 66384414.5/57

asym_cav4cQ_mean vs Slug



Right In: -57.759+/-47.143 χ^2/NDF: 21.5/31

Left Out: -39.036+/-49.576 χ^2/NDF:9.1/24

Right Out: 62.329+/-47.525 χ^2/NDF: 24.7/34

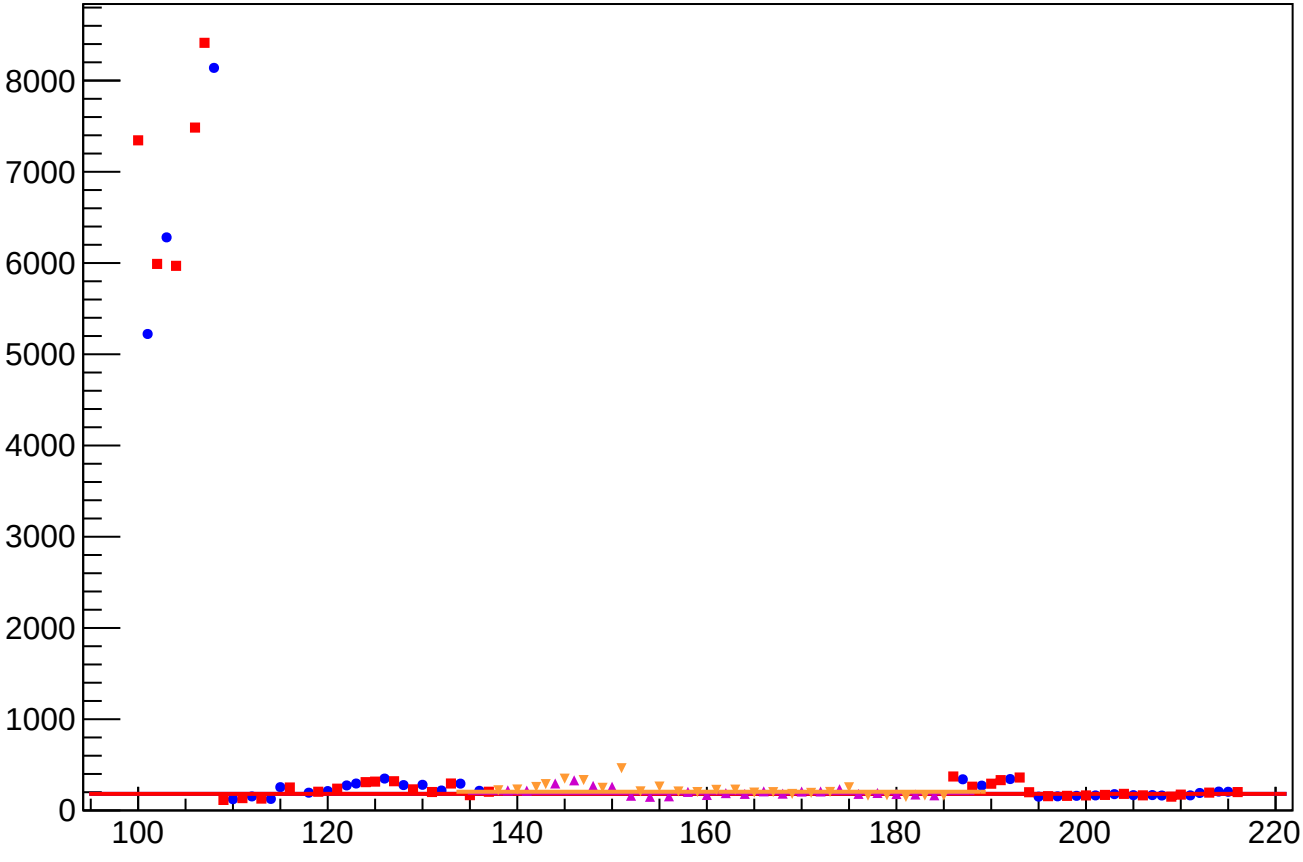
Left In: -28.062+/-48.032 χ^2/NDF:9.6/22

+ sign -48.868+/-34.163 χ^2/NDF: 30.7/56

All: -15.256+/-24.021 χ^2/NDF: 68.7/114

- sign 17.613+/-33.783 χ^2/NDF: 36.1/57

asym_cav4cQ_rms vs Slug



Right In: 181.727+/-0.033 χ^2/NDF: 4578506.6/31

Left Out: 205.114+/-0.035 χ^2/NDF:1957484.4/24

Right Out: 181.824+/-0.034 χ^2/NDF: 5438454.9/34

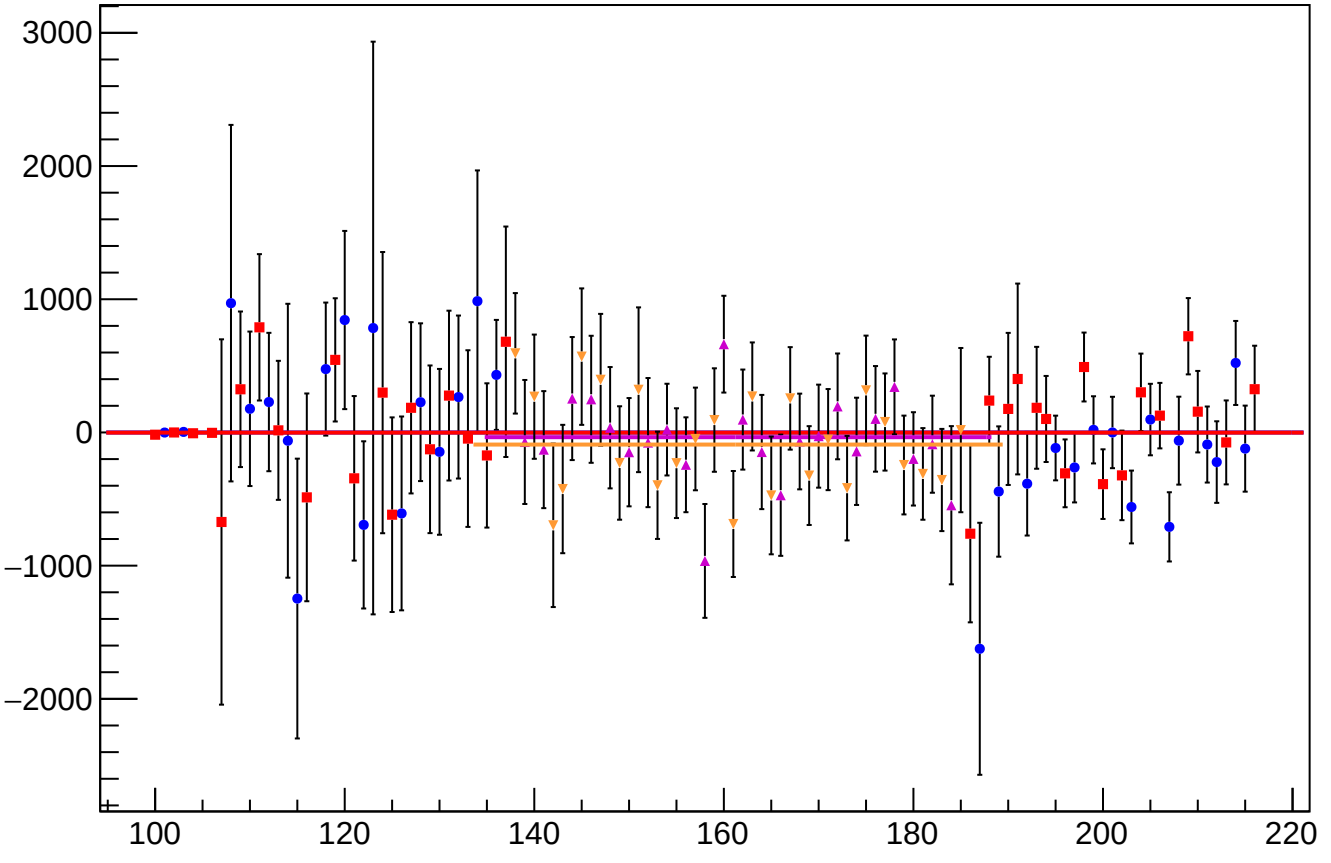
Left In: 193.616+/-0.034 χ^2/NDF:1179471.1/22

+ sign 192.833+/-0.024 χ^2/NDF: 6769710.1/56

All: 190.216+/-0.017 χ^2/NDF: 13471750.7/11

- sign 187.658+/-0.024 χ^2/NDF: 6678837.9/57

asym_cav4dQ_mean vs Slug



Right In: -0.226+/-1.736 χ^2/NDF: 31.4/31

Left Out: -90.945+/-84.079 χ^2/NDF:16.4/24

Right Out: -1.280+/-1.622 χ^2/NDF: 29.0/34

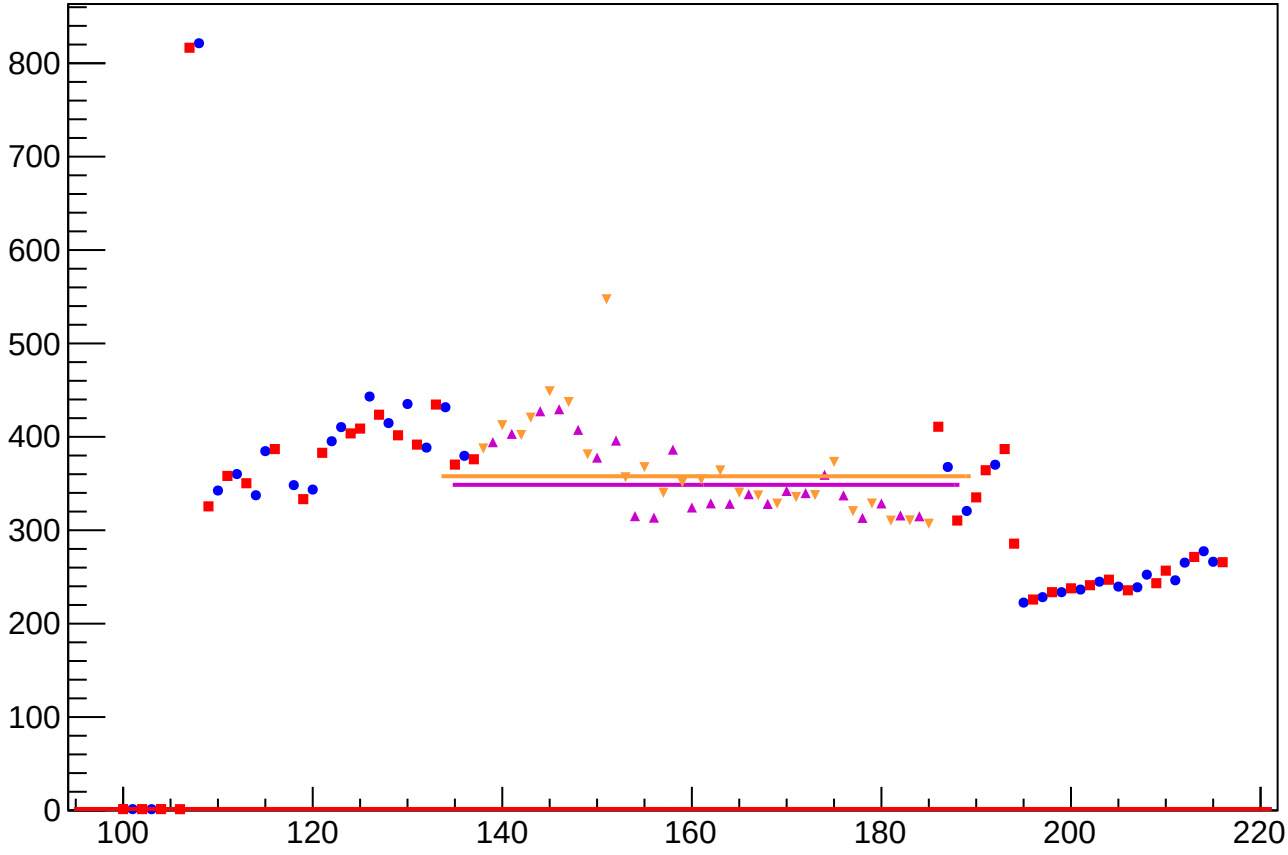
Left In: -35.488+/-84.382 χ^2/NDF:13.4/22

\+ sign -0.265+/-1.736 χ^2/NDF: 49.0/56

All: -0.813+/-1.185 χ^2/NDF: 91.8/114

\- sign -1.292+/-1.622 χ^2/NDF: 42.6/57

asym_cav4dQ_rms vs Slug



Right In: 1.578+/-0.001 χ^2/NDF: 31922699.9/31

Left Out: 357.804+/-0.059 χ^2/NDF:547036.5/24

Right Out: 1.557+/-0.001 χ^2/NDF: 32169844.7/34

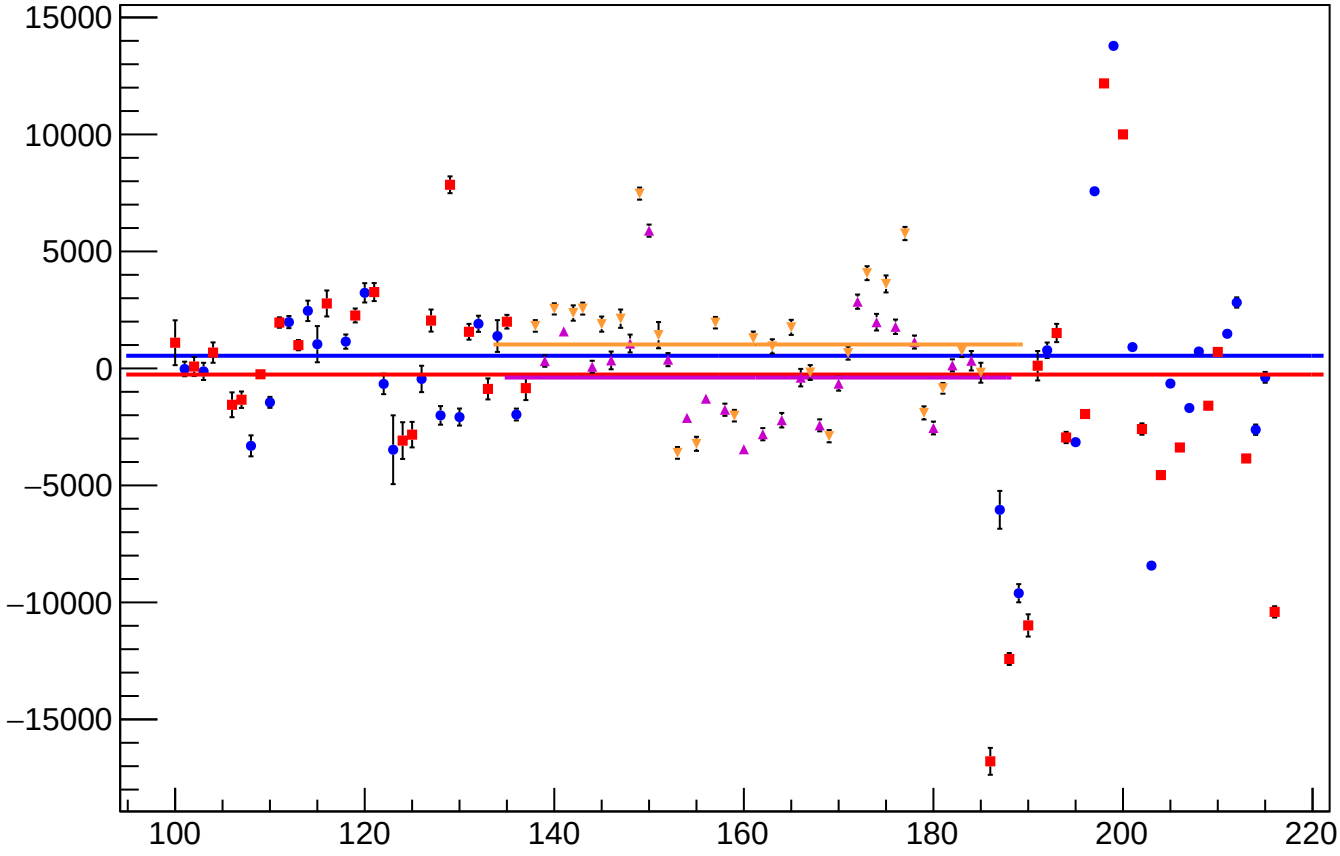
Left In: 348.611+/-0.060 χ^2/NDF:362511.2/22

+ sign 1.729+/-0.001 χ^2/NDF: 68355891.2/56

All: 1.706+/-0.001 χ^2/NDF: 134707952.2/114

- sign 1.685+/-0.001 χ^2/NDF: 66351363.0/57

asym_bcm0l02_mean vs Slug



Right In: 541.134+/-46.651 χ^2/NDF: 11358.9/31

Left Out: 1023.439+/-57.338 χ^2/NDF:2309.4/24

Right Out: -261.790+/-46.276 χ^2/NDF: 15523.8/34

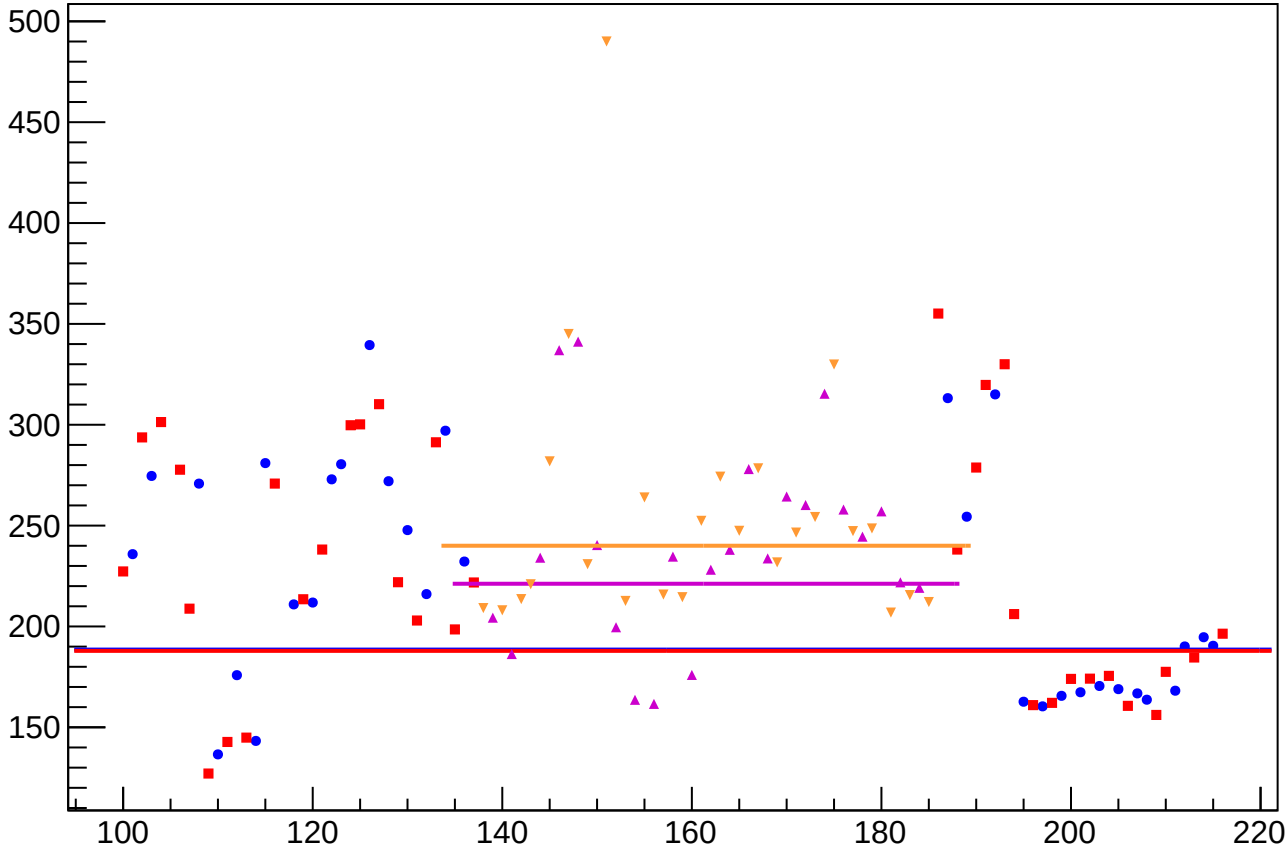
Left In: -390.237+/-54.931 χ^2/NDF:1584.9/22

+ sign 733.238+/-36.187 χ^2/NDF: 13710.8/56

All: 197.413+/-25.302 χ^2/NDF: 31251.7/114

- sign -315.108+/-35.391 χ^2/NDF: 17111.9/57

asym_bcm0l02_rms vs Slug



Right In: 188.534+/-0.033 χ^2/NDF: 1544363.5/31

Left Out: 240.019+/-0.041 χ^2/NDF:1002427.9/24

Right Out: 187.901+/-0.033 χ^2/NDF: 2124374.0/34

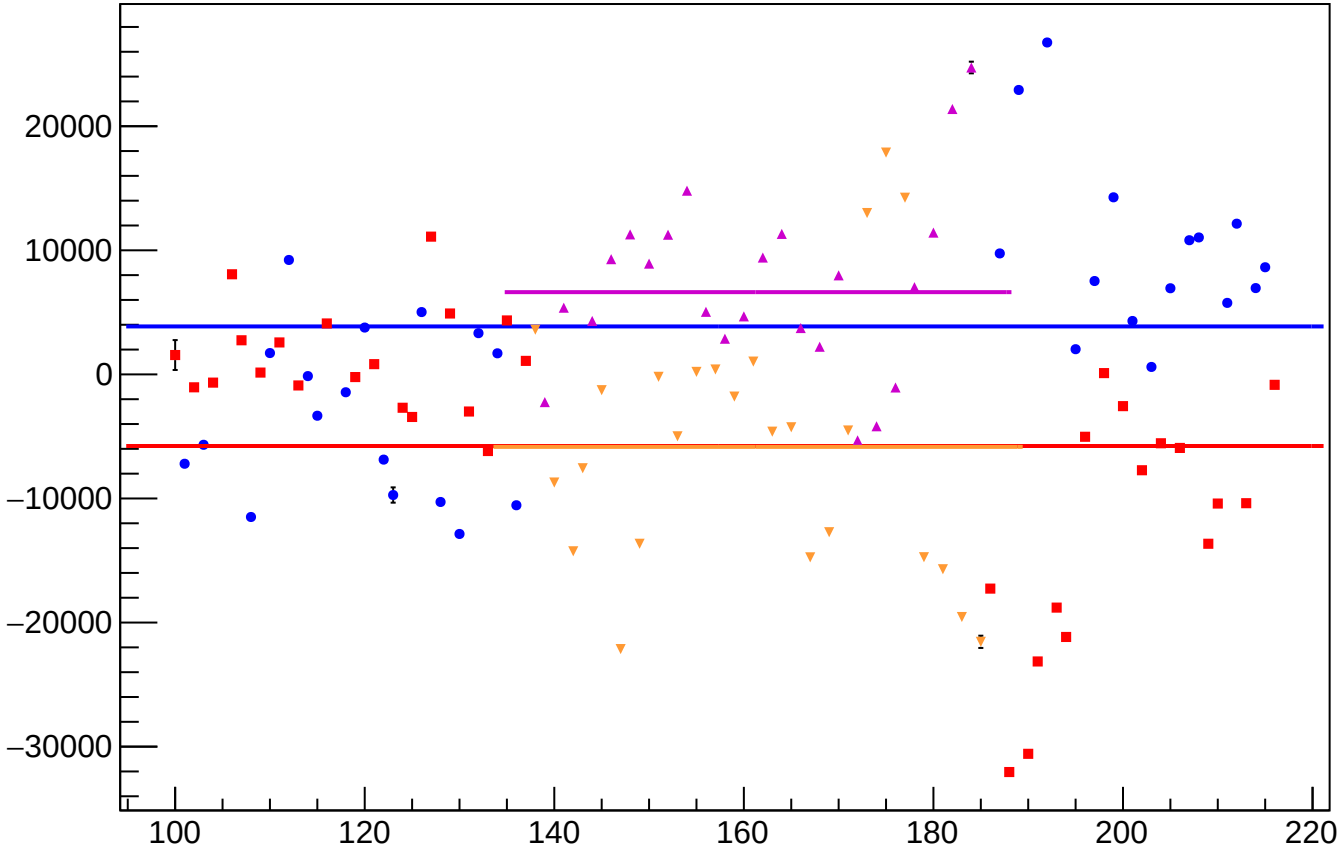
Left In: 221.173+/-0.039 χ^2/NDF:1342517.8/22

+ sign 209.041+/-0.026 χ^2/NDF: 3517027.4/56

All: 205.295+/-0.018 χ^2/NDF: 7455011.5/114

- sign 201.712+/-0.025 χ^2/NDF: 3896054.1/57

asym_bpm2i01WS_mean vs Slug



Right In: 3865.192+/-33.765 χ^2/NDF: 84419.5/31

Left Out: -5841.615+/-35.848 χ^2/NDF:63397.3/24

Right Out: -5771.034+/-32.463 χ^2/NDF: 105104.0/34

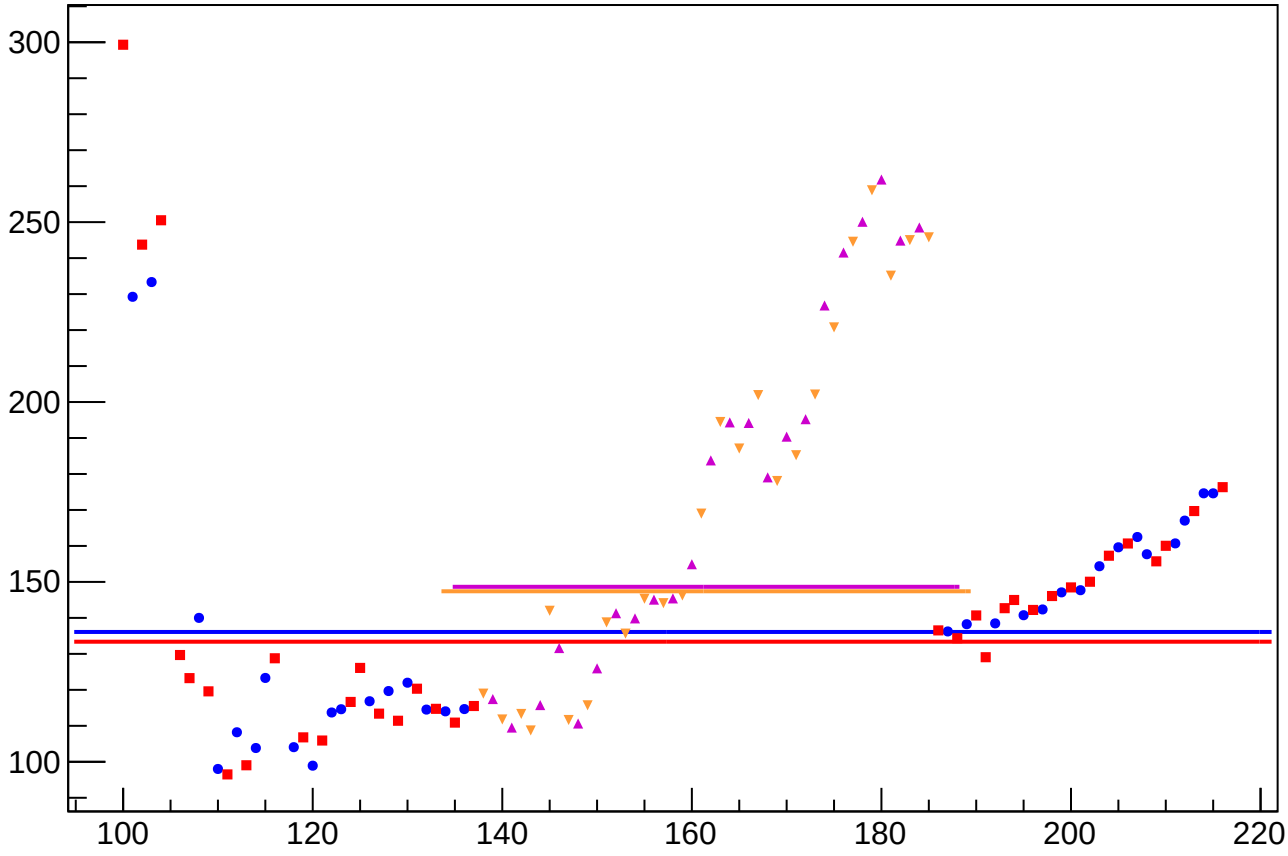
Left In: 6628.388+/-37.160 χ^2/NDF:21738.0/22

+ sign -698.065+/-24.579 χ^2/NDF: 186669.2/56

All: -550.275+/-17.333 χ^2/NDF: 376730.2/11

- sign -404.054+/-24.448 χ^2/NDF: 189989.1/57

asym_bpm2i01WS_rms vs Slug



Right In: 136.091+/-0.024 χ^2/NDF: 1280307.2/31

Left Out: 147.396+/-0.025 χ^2/NDF:2517097.1/24

Right Out: 133.379+/-0.023 χ^2/NDF: 1310154.9/34

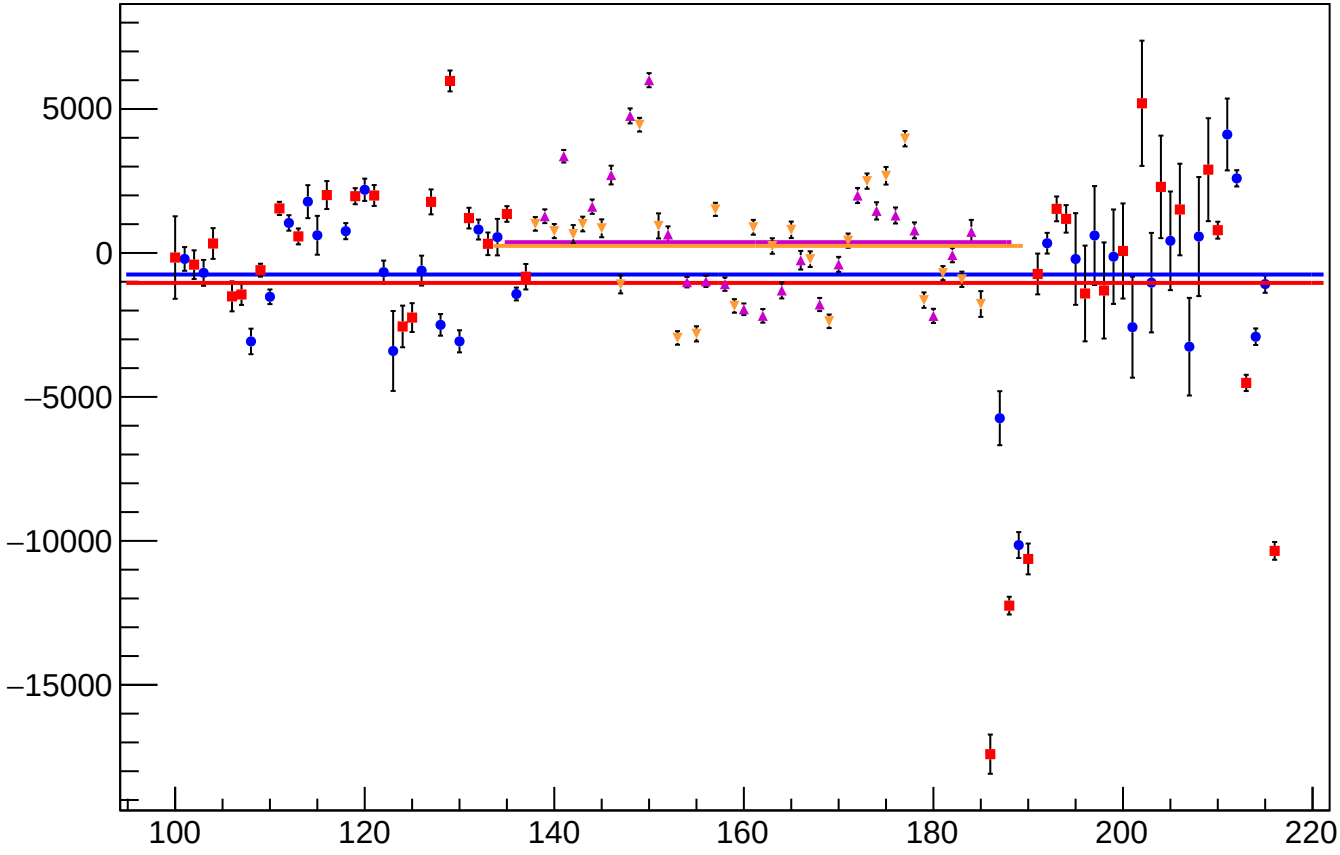
Left In: 148.642+/-0.026 χ^2/NDF:2415531.9/22

+ sign 141.406+/-0.017 χ^2/NDF: 3902802.1/56

All: 140.692+/-0.012 χ^2/NDF: 7823207.5/114

- sign 139.986+/-0.017 χ^2/NDF: 3917049.0/57

asym_bpm0i07WS_mean vs Slug



Right In: -748.696+/-75.051 χ^2/NDF: 978.2/31

Left Out: 246.120+/-53.492 χ^2/NDF:1354.8/24

Right Out: -1040.279+/-68.582 χ^2/NDF: 4353.3/34

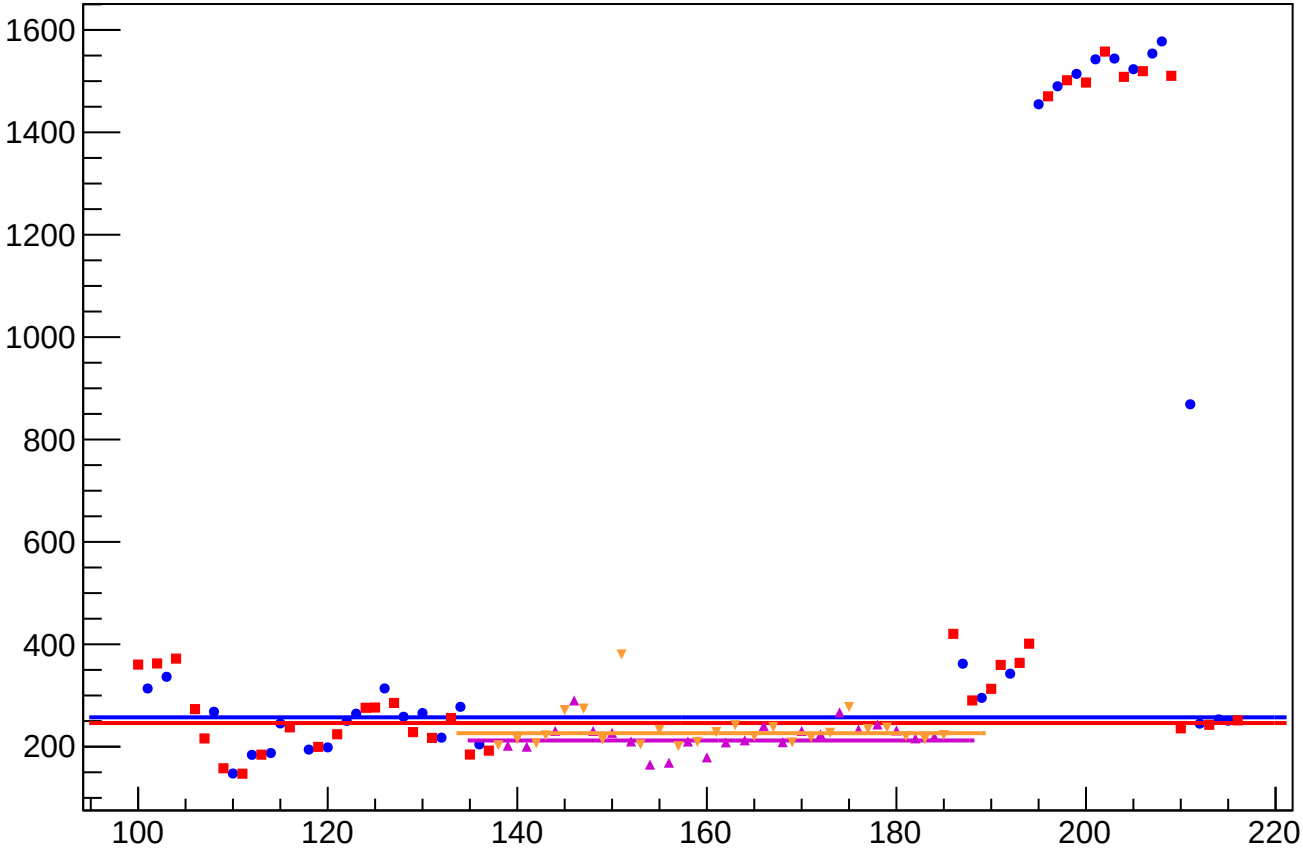
Left In: 374.465+/-51.892 χ^2/NDF:1798.3/22

+ sign -89.004+/-43.560 χ^2/NDF: 2449.5/56

All: -116.130+/-30.002 χ^2/NDF: 8872.4/114

- sign -140.611+/-41.381 χ^2/NDF: 6422.2/57

asym_bpm0i07WS_rms vs Slug



Right In: 257.373+/-0.053 χ^2/NDF: 10198042.4/31

Left Out: 226.376+/-0.038 χ^2/NDF:521770.1/24

Right Out: 246.203+/-0.048 χ^2/NDF: 9273217.0/34

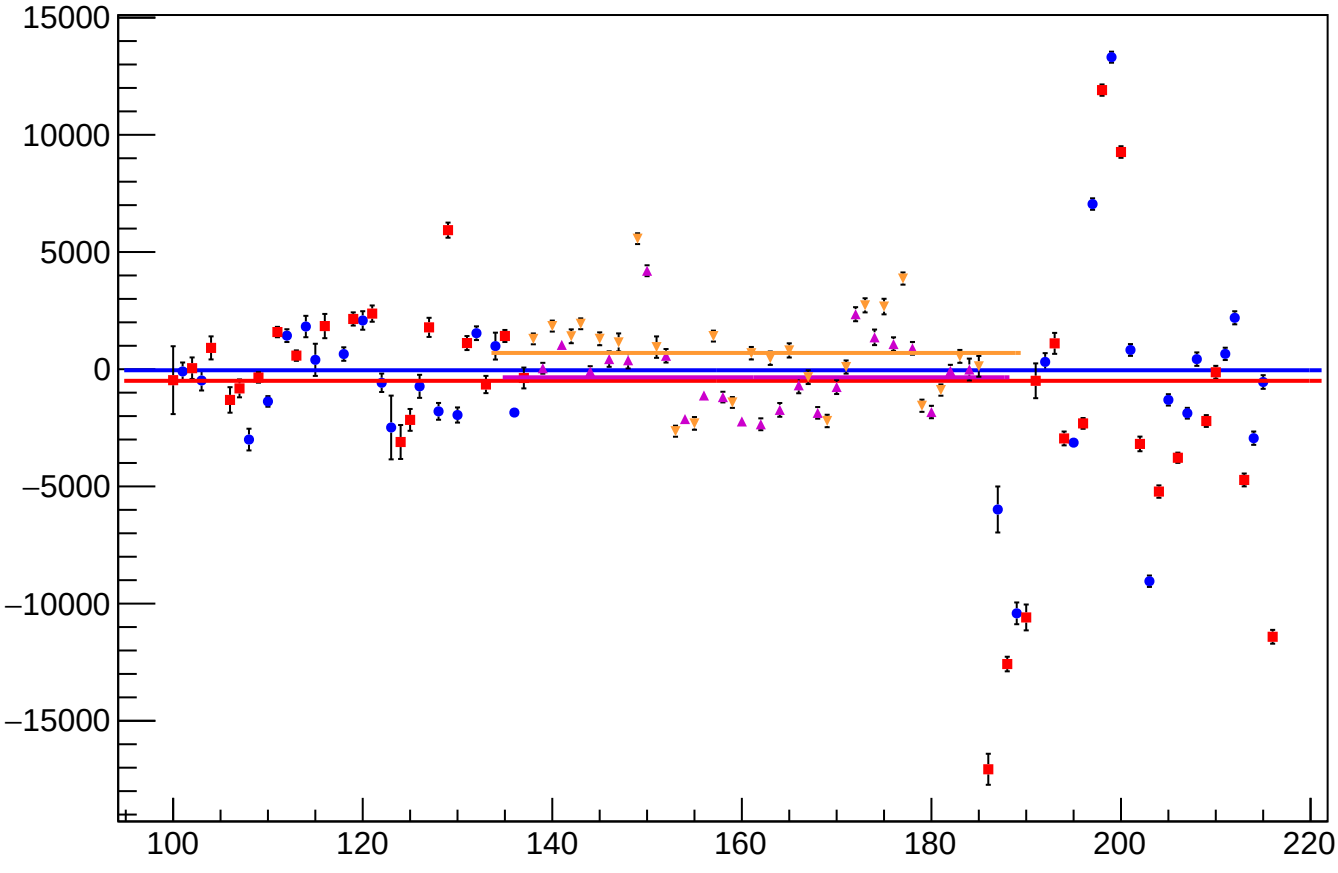
Left In: 212.145+/-0.037 χ^2/NDF:591698.6/22

+ sign 236.818+/-0.031 χ^2/NDF: 10946049.4/56

All: 230.367+/-0.021 χ^2/NDF: 21208079.7/11

- sign 224.545+/-0.029 χ^2/NDF: 10178581.3/57

asym_bpm0l01WS_mean vs Slug



Right In: -44.368+/-54.086 χ^2/NDF: 6784.1/31

Left Out: 694.326+/-54.246 χ^2/NDF:1422.1/24

Right Out: -495.117+/-53.318 χ^2/NDF: 9926.8/34

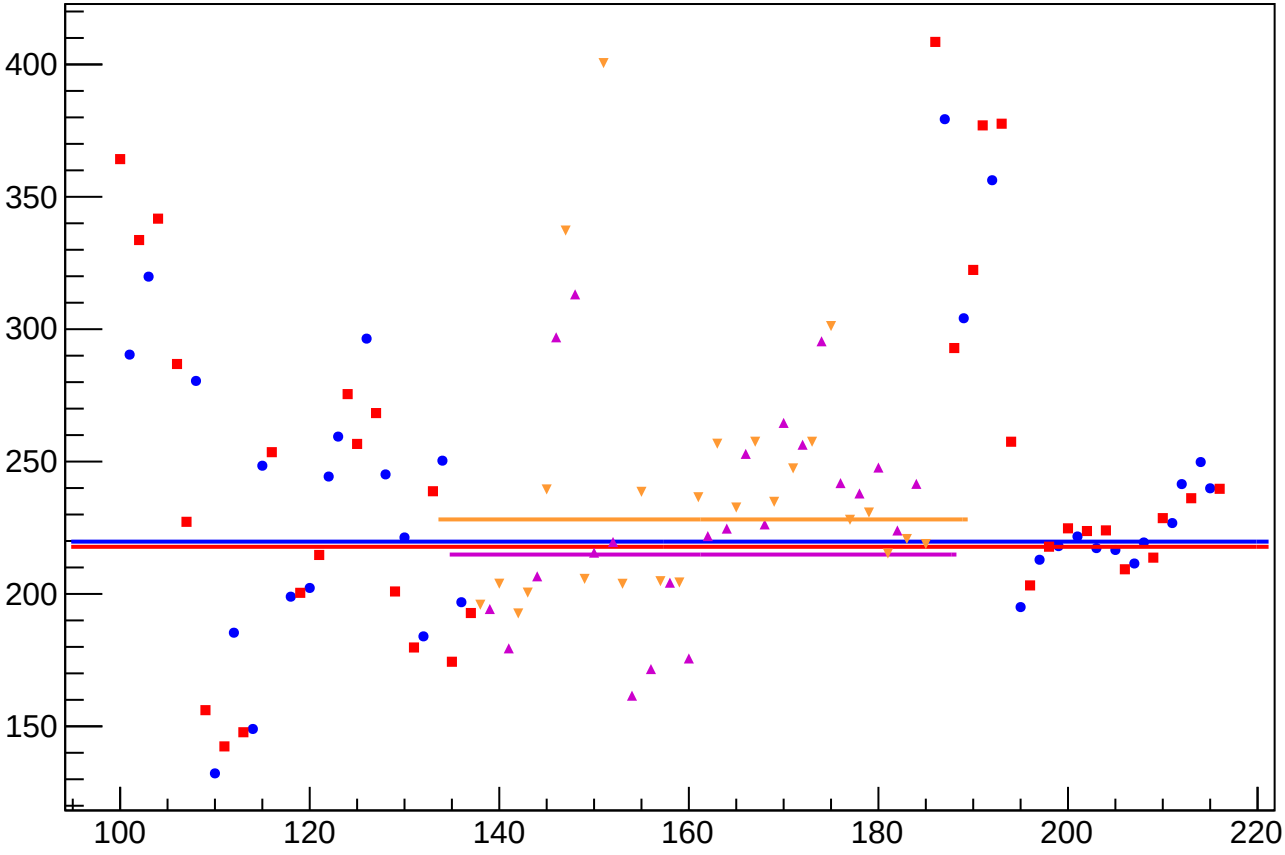
Left In: -344.578+/-52.954 χ^2/NDF:985.0/22

+ sign 323.882+/-38.301 χ^2/NDF: 8299.2/56

All: -54.865+/-26.821 χ^2/NDF: 19407.0/114

- sign -419.332+/-37.572 χ^2/NDF: 10915.9/57

asym_bpm0l01WS_rms vs Slug



Right In: 219.759+/-0.038 χ^2/NDF: 1197179.5/31

Left Out: 228.144+/-0.038 χ^2/NDF:828399.3/24

Right Out: 217.803+/-0.038 χ^2/NDF: 1847409.2/34

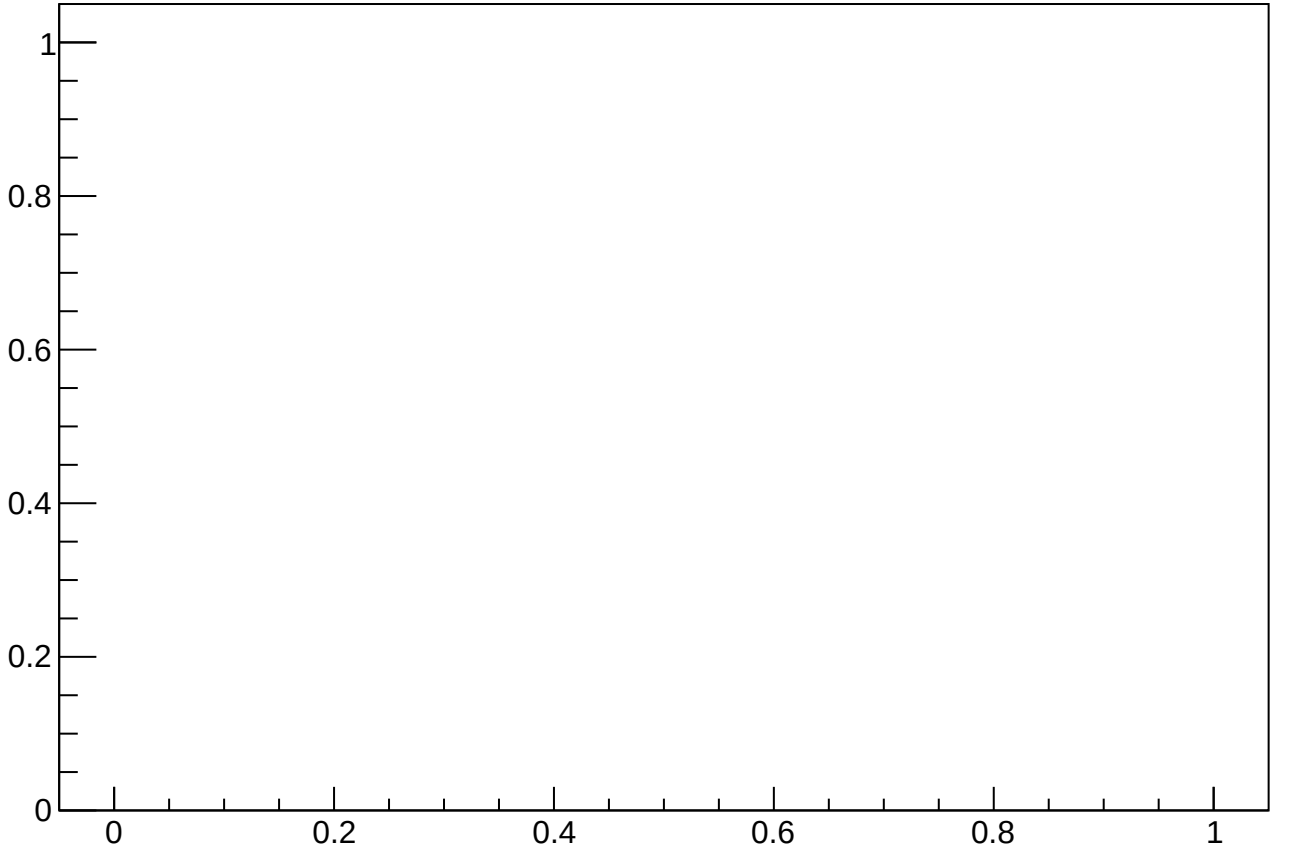
Left In: 214.878+/-0.037 χ^2/NDF:1037509.6/22

+ sign 223.939+/-0.027 χ^2/NDF: 2049541.0/56

All: 220.062+/-0.019 χ^2/NDF: 4977706.8/114

- sign 216.331+/-0.027 χ^2/NDF: 2887949.1/57

bcm_an_us_ds_dd_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

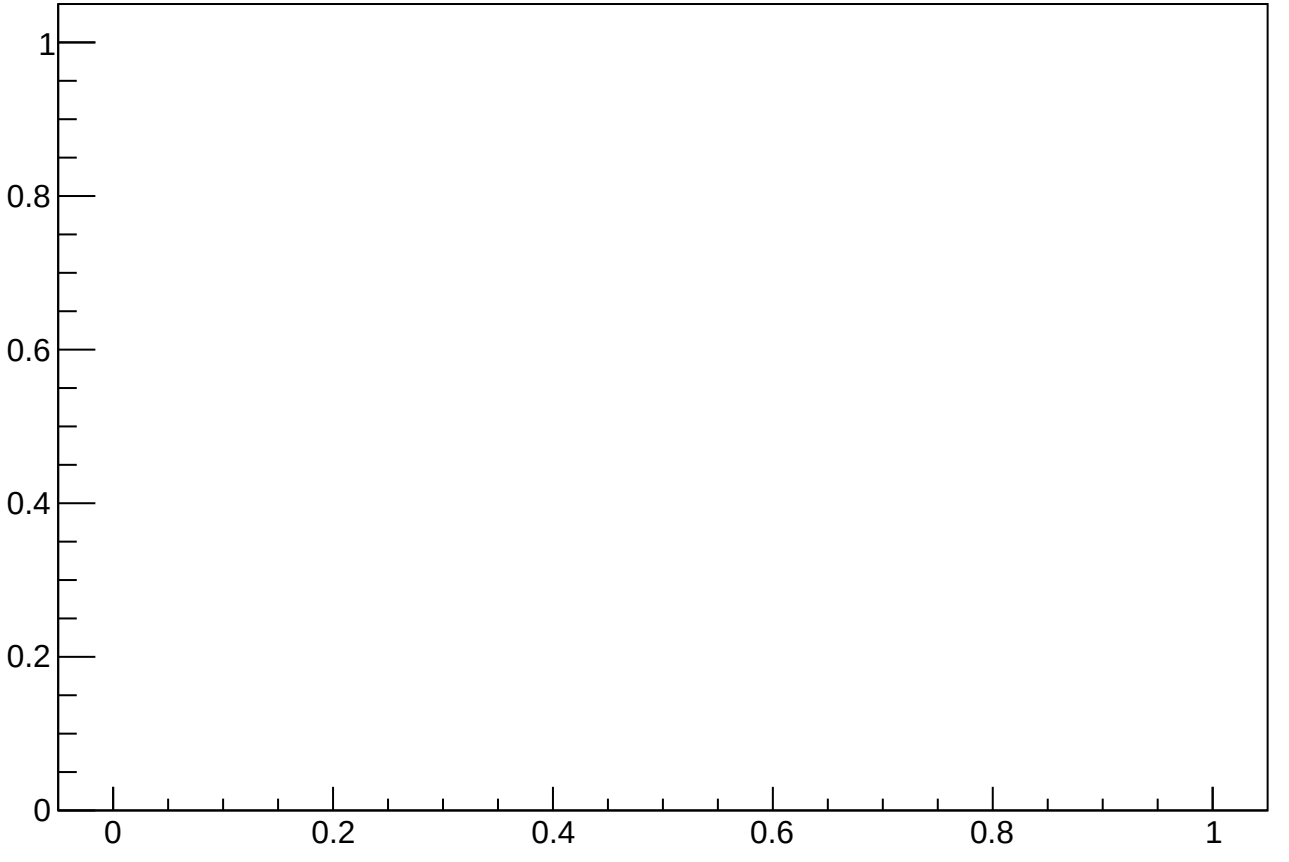
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

bcm_an_us_ds_dd_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

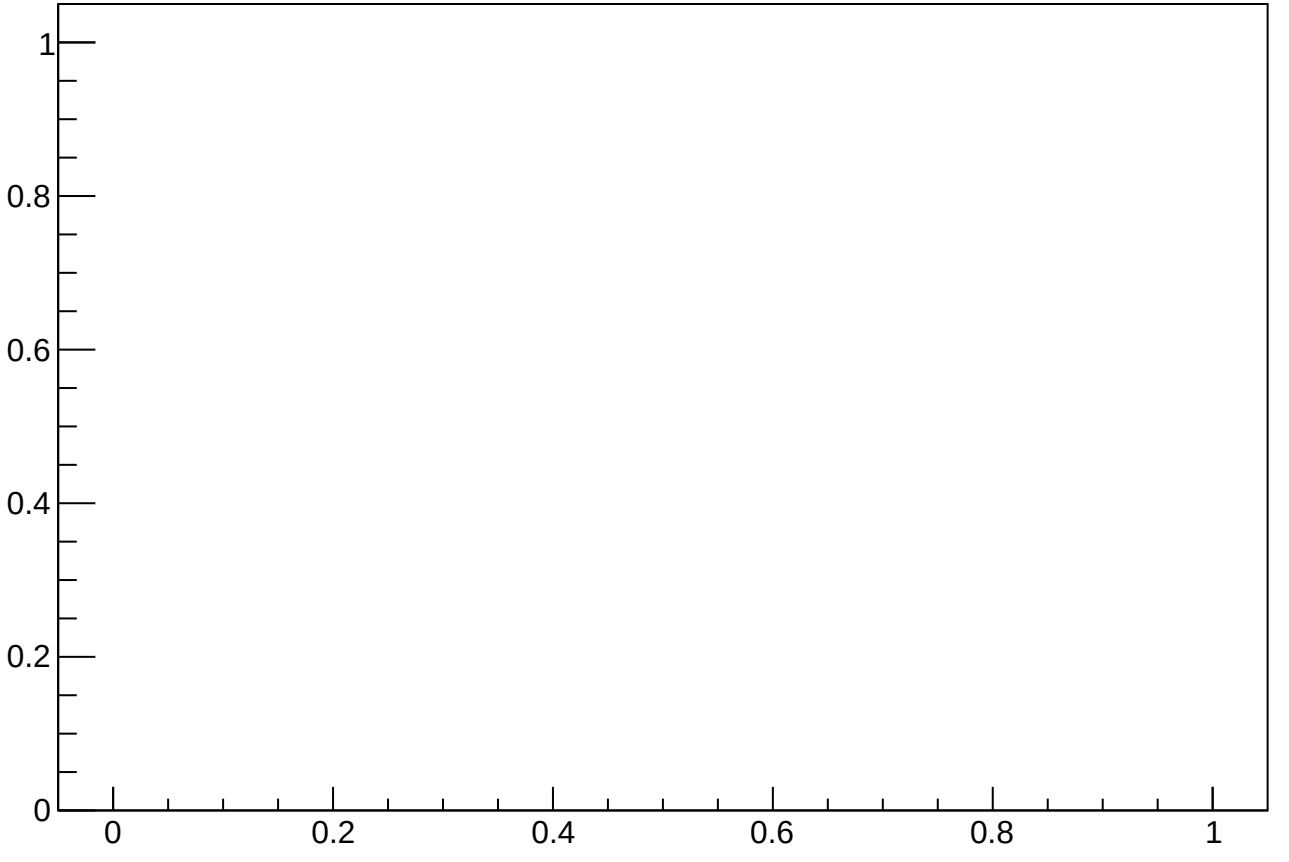
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

bcm_dg_us_dg_ds_dd_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

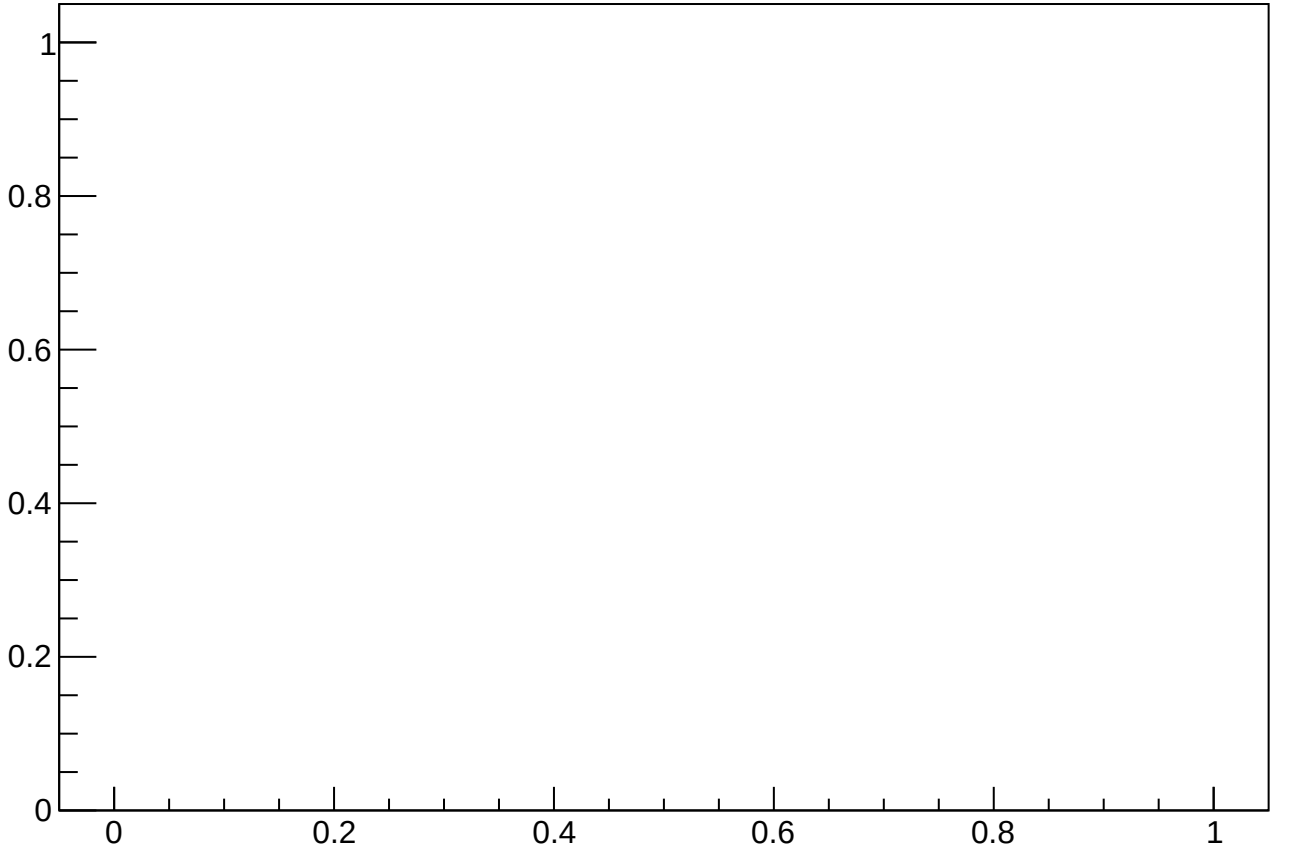
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

bcm_dg_us_dg_ds_dd_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

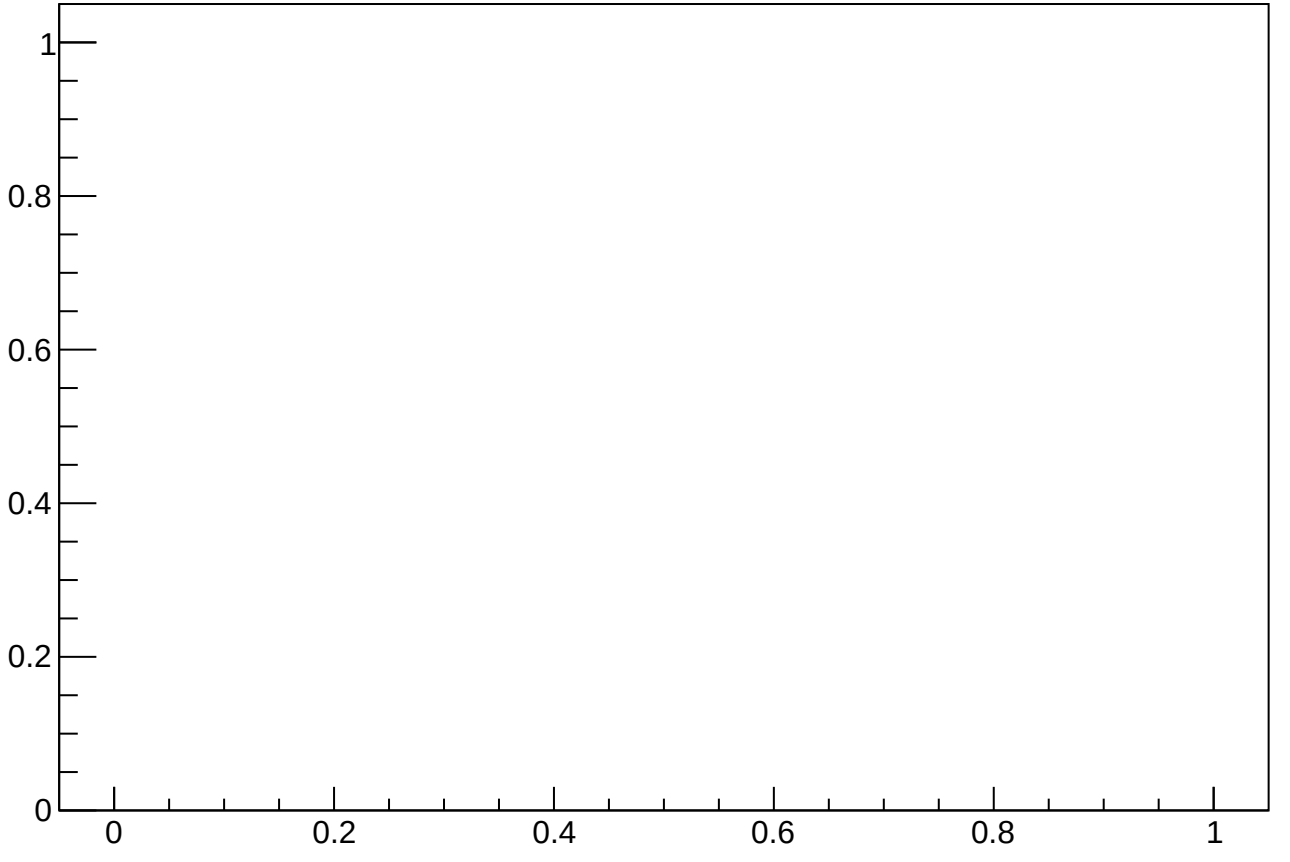
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

bcm_dg_us_ds_dd_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

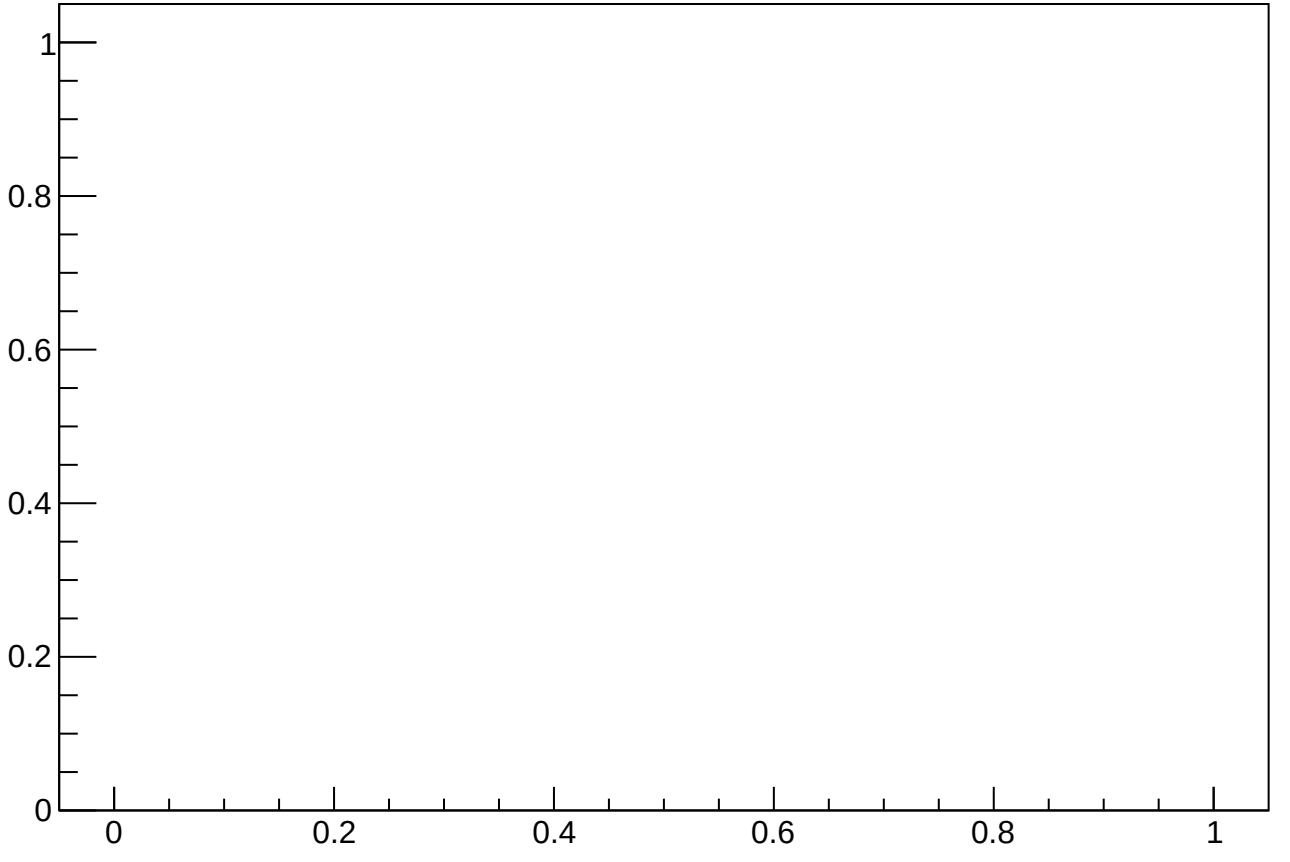
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

bcm_dg_us_ds_dd_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

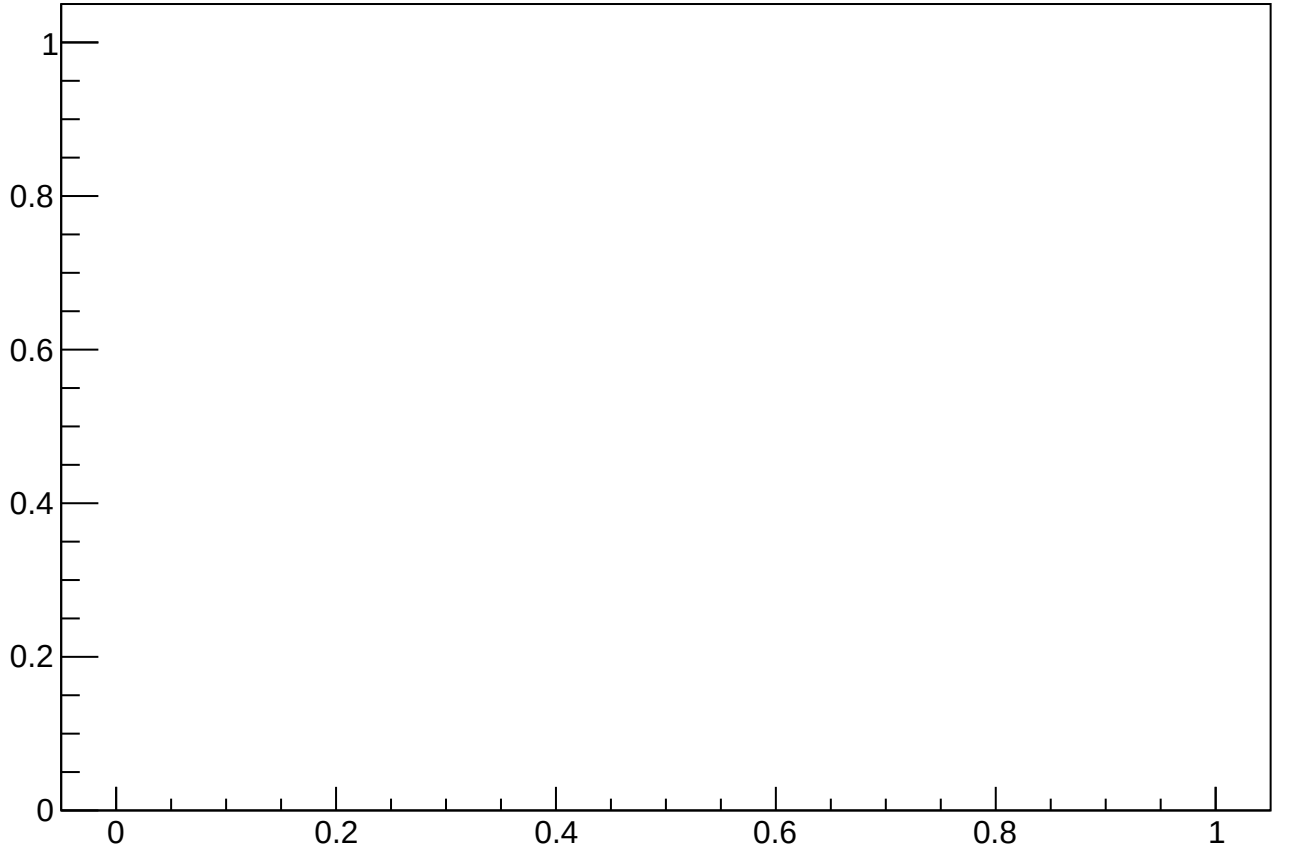
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

bcm_dg_ds_ds_dd_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

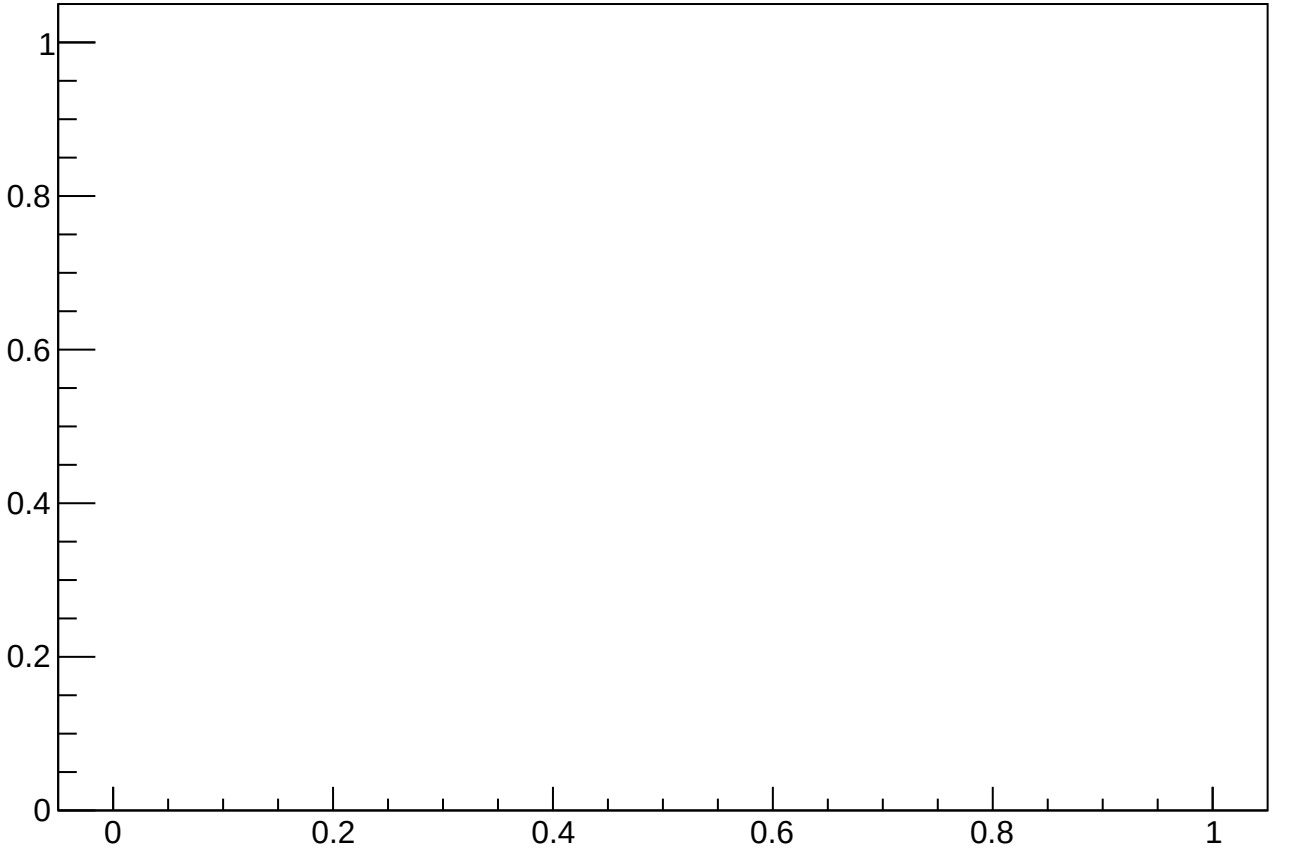
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

bcm_dg_ds_ds_dd_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

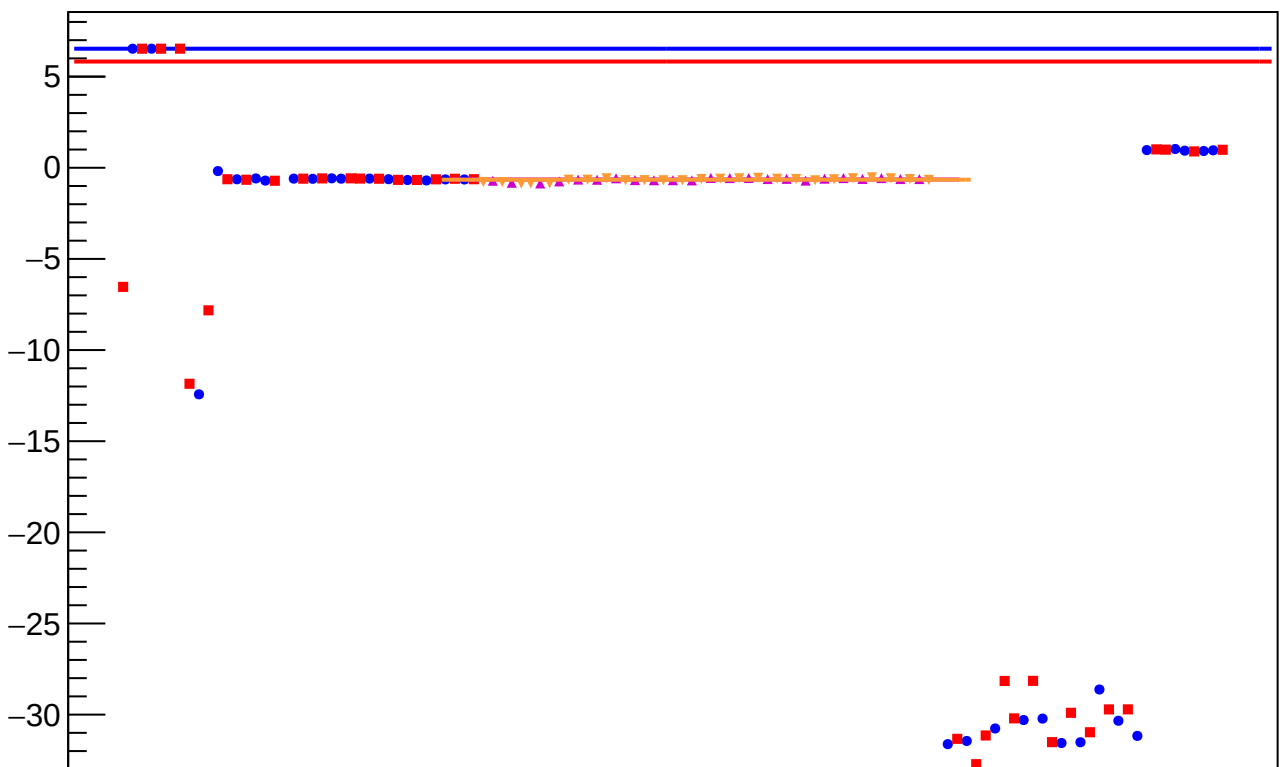
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

yield_cav4bX_mean vs Slug



Right In: 6.532+/-0.000 χ^2/NDF: 137004604088.1/31

Left Out: -0.654+/-0.000 χ^2/NDF:179069954.8/24

Right Out: 5.827+/-0.000 χ^2/NDF: 755967529855524.1/34

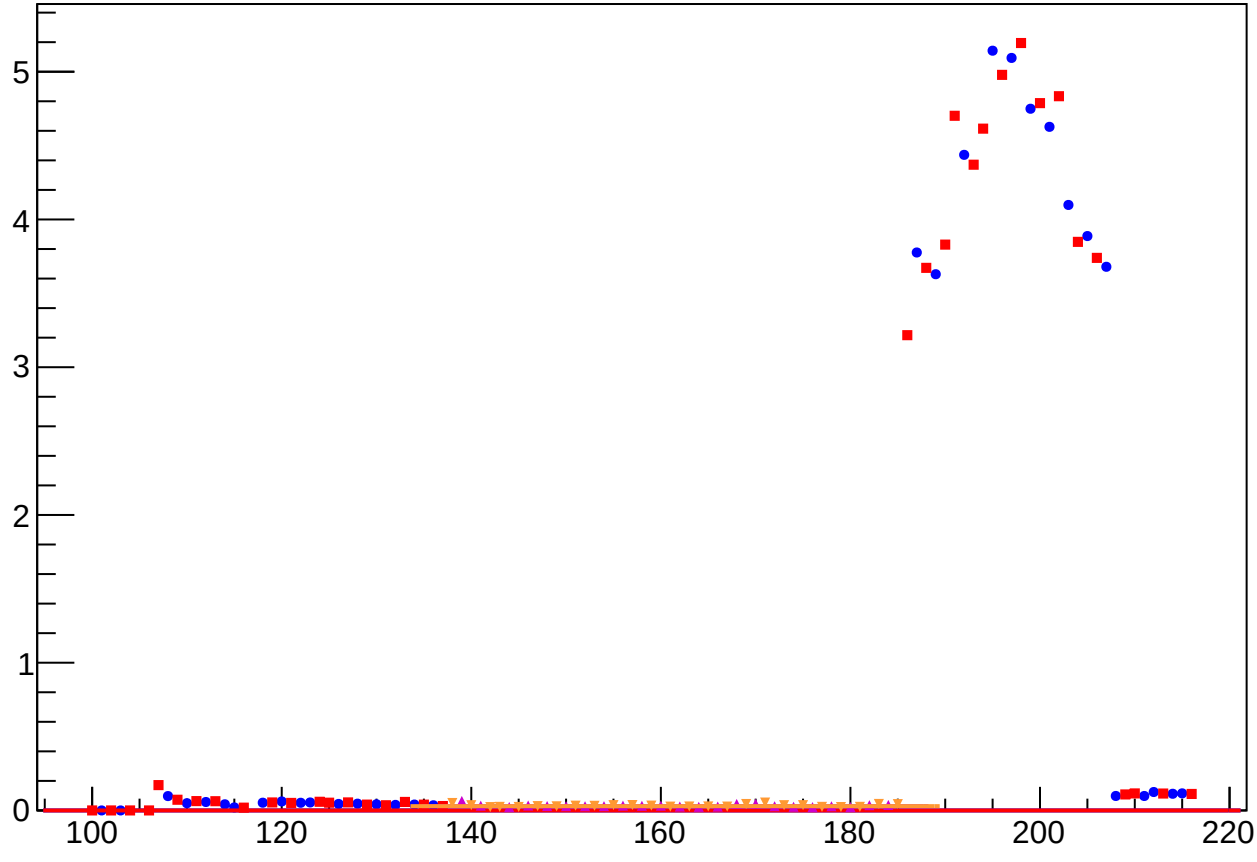
Left In: -0.643+/-0.000 χ^2/NDF:123743747.1/22

+ sign 6.530+/-0.000 χ^2/NDF: 1010838934326.1/56

All: 6.153+/-0.000 χ^2/NDF: 7776414651866

- sign 5.826+/-0.000 χ^2/NDF: 756645990459351.2/

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 29577250.3/31

Left Out: 0.029+/-0.000 χ^2/NDF:1484308.2/24

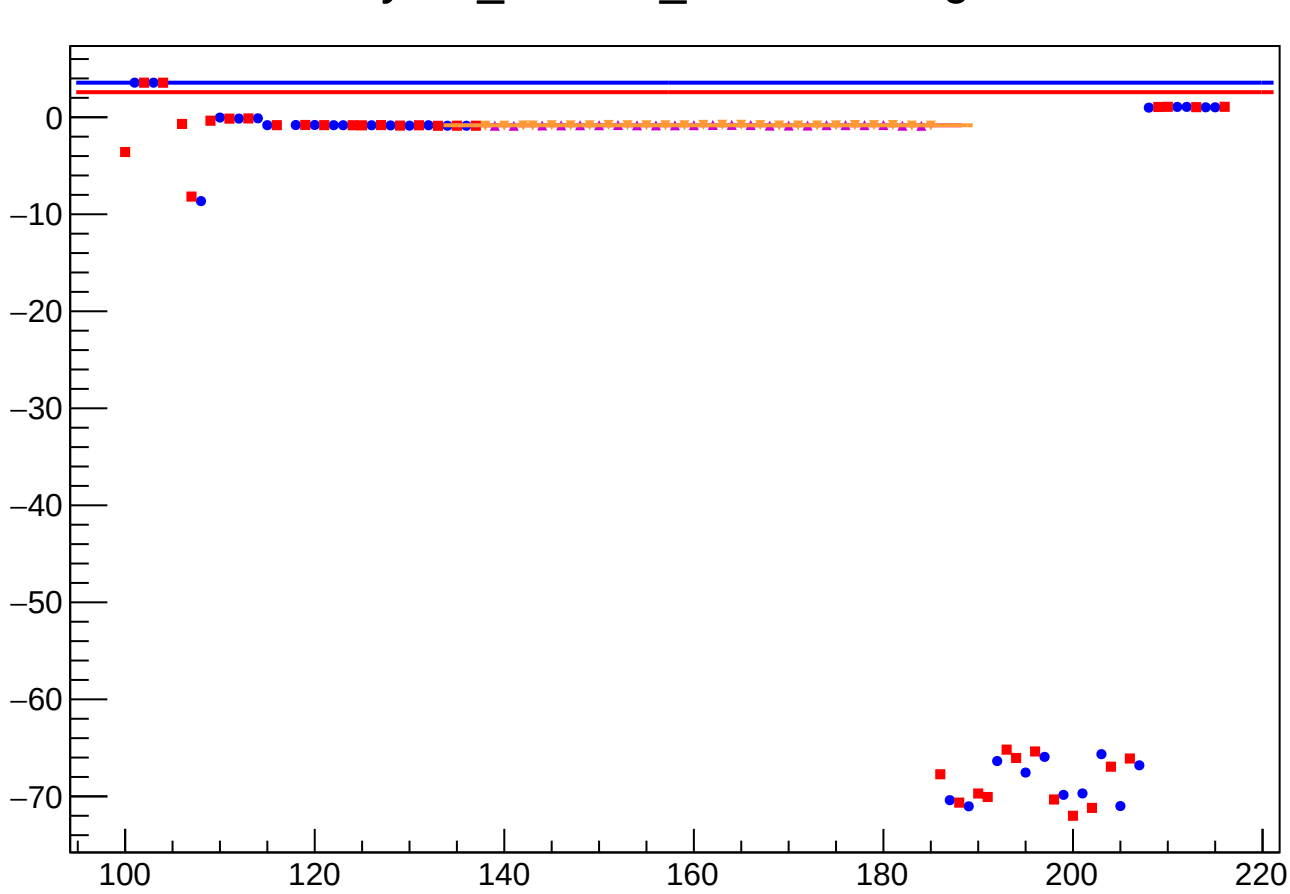
Right Out: 0.000+/-0.000 χ^2/NDF: 30322770.5/34

Left In: 0.029+/-0.000 χ^2/NDF:1206492.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 59540179.8/56

All: 0.000+/-0.000 χ^2/NDF: 118044992.1/114

- sign 0.000+/-0.000 χ^2/NDF: 58504079.0/57



Right In: 3.563+/-0.000 χ^2/NDF: 553856763080.9/31

Left Out: -0.827+/-0.000 χ^2/NDF:170052639.9/24

Right Out: 2.583+/-0.000 χ^2/NDF: 1253549482235833.0/34

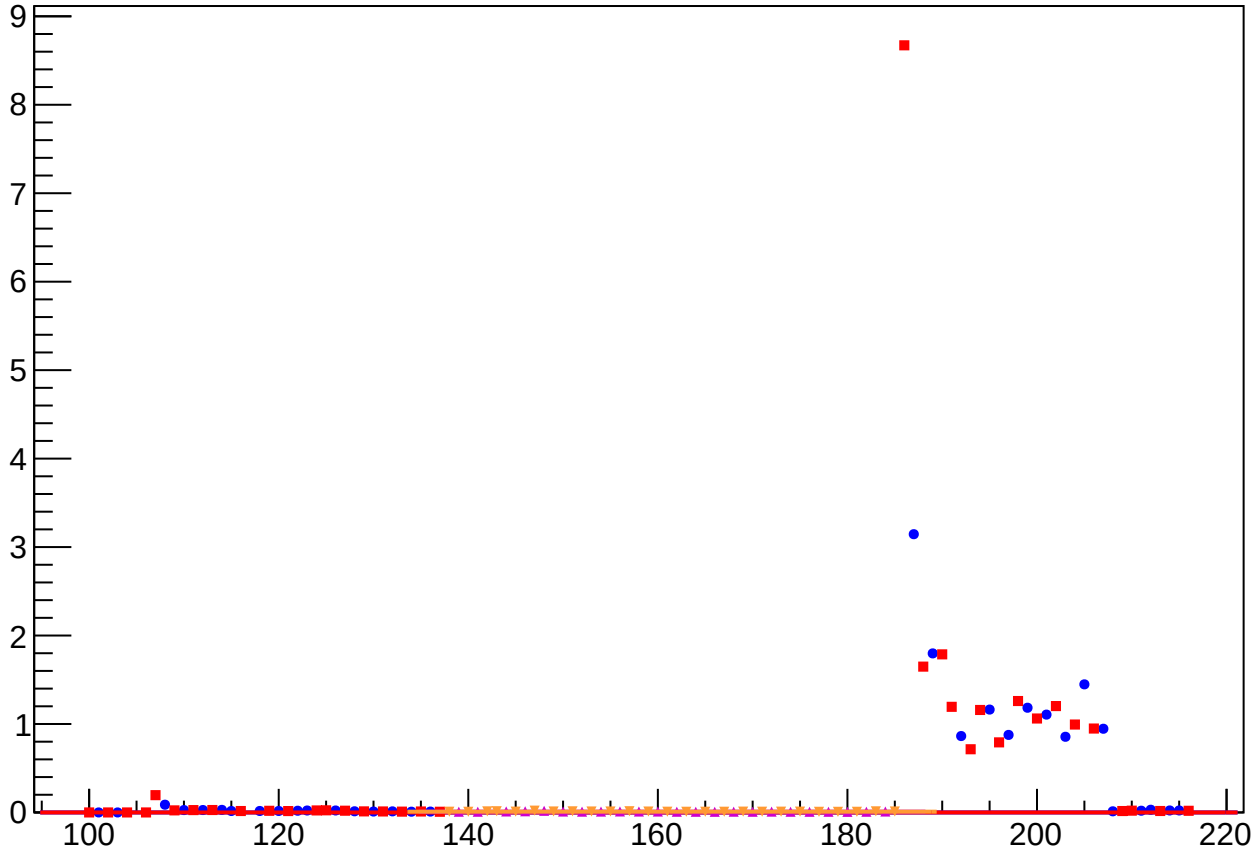
Left In: -0.827+/-0.000 χ^2/NDF:174130375.4/22

+ sign 3.560+/-0.000 χ^2/NDF: 4250178254076.7/56

All: 3.038+/-0.000 χ^2/NDF: 1388094436583

- sign 2.581+/-0.000 χ^2/NDF: 1255770519077035.5

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 26952182.6/31

Left Out: 0.009+/-0.000 χ^2/NDF:1455379.3/24

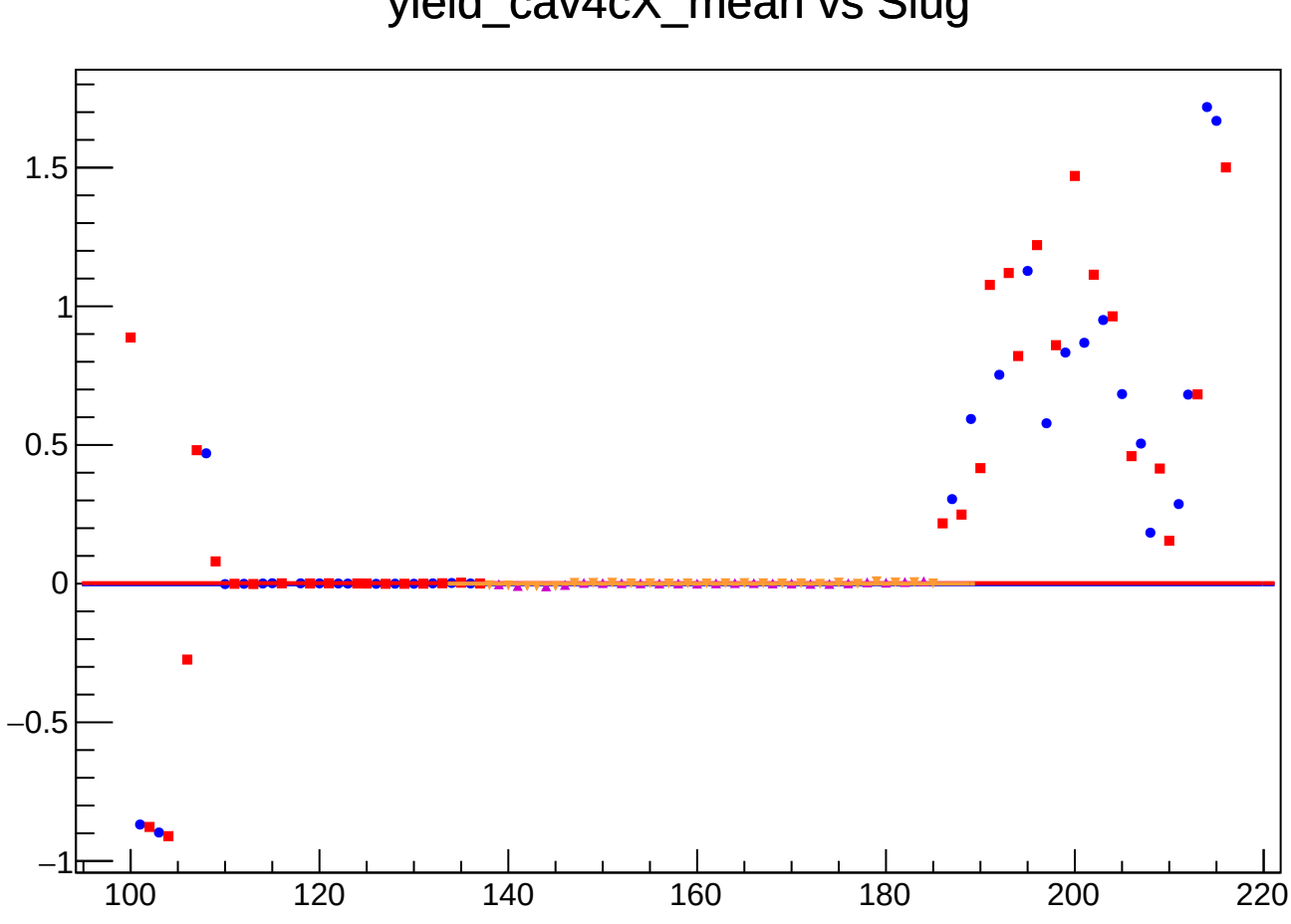
Right Out: 0.000+/-0.000 χ^2/NDF: 28065874.5/34

Left In: 0.009+/-0.000 χ^2/NDF:1042123.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 58456714.3/56

All: 0.000+/-0.000 χ^2/NDF: 116327024.7/114

- sign 0.000+/-0.000 χ^2/NDF: 57869166.4/57



Right In: -0.002+/-0.000 χ^2/NDF: 9797189528.9/31

Left Out: -0.000+/-0.000 χ^2/NDF:151559332.0/24

Right Out: 0.002+/-0.000 χ^2/NDF: 3043983185.7/34

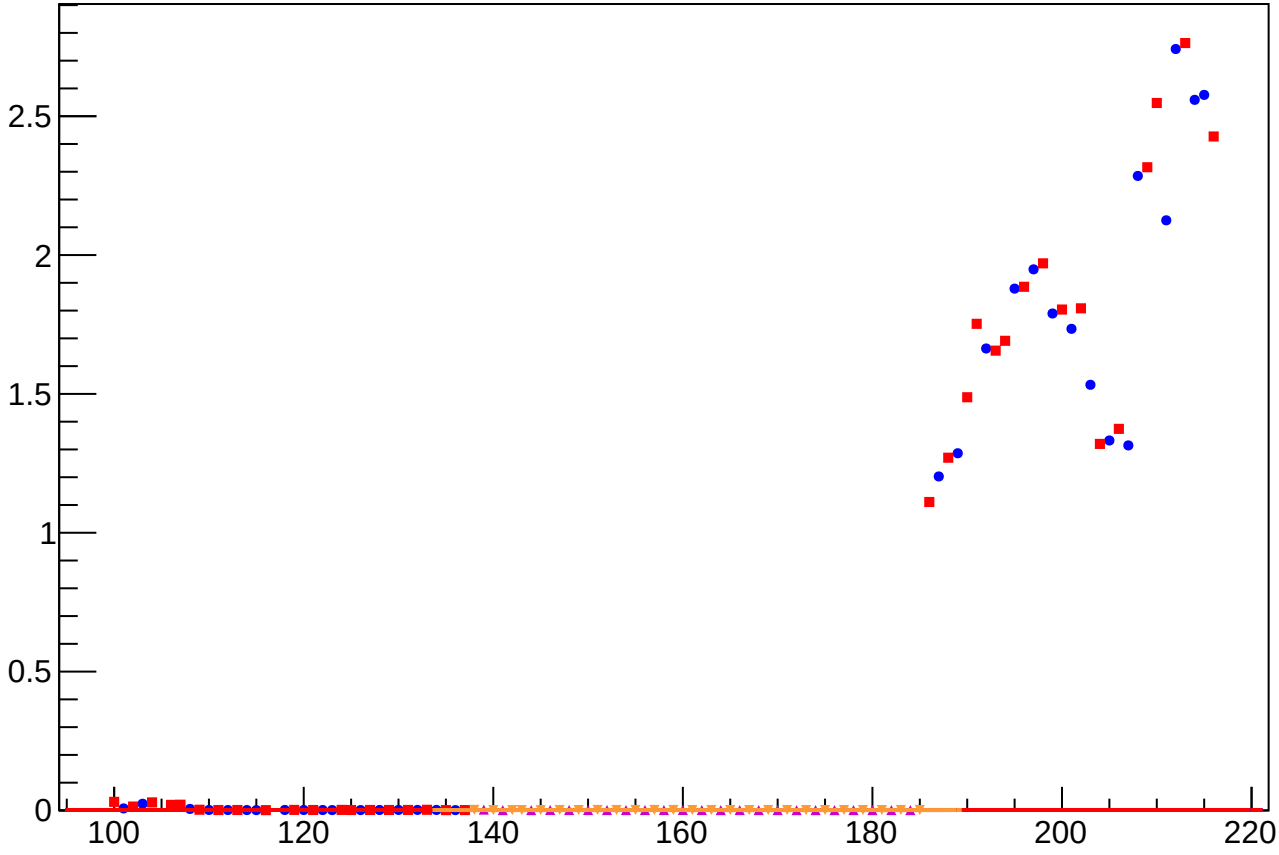
Left In: 0.001+/-0.000 χ^2/NDF:101468517.6/22

+ sign -0.001+/-0.000 χ^2/NDF: 9955704990.3/56

All: 0.000+/-0.000 χ^2/NDF: 13110687632.4/1

- sign 0.001+/-0.000 χ^2/NDF: 3147431349.8/57

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 22631303.0/31

Left Out: 0.001+/-0.000 χ^2/NDF:539040.4/24

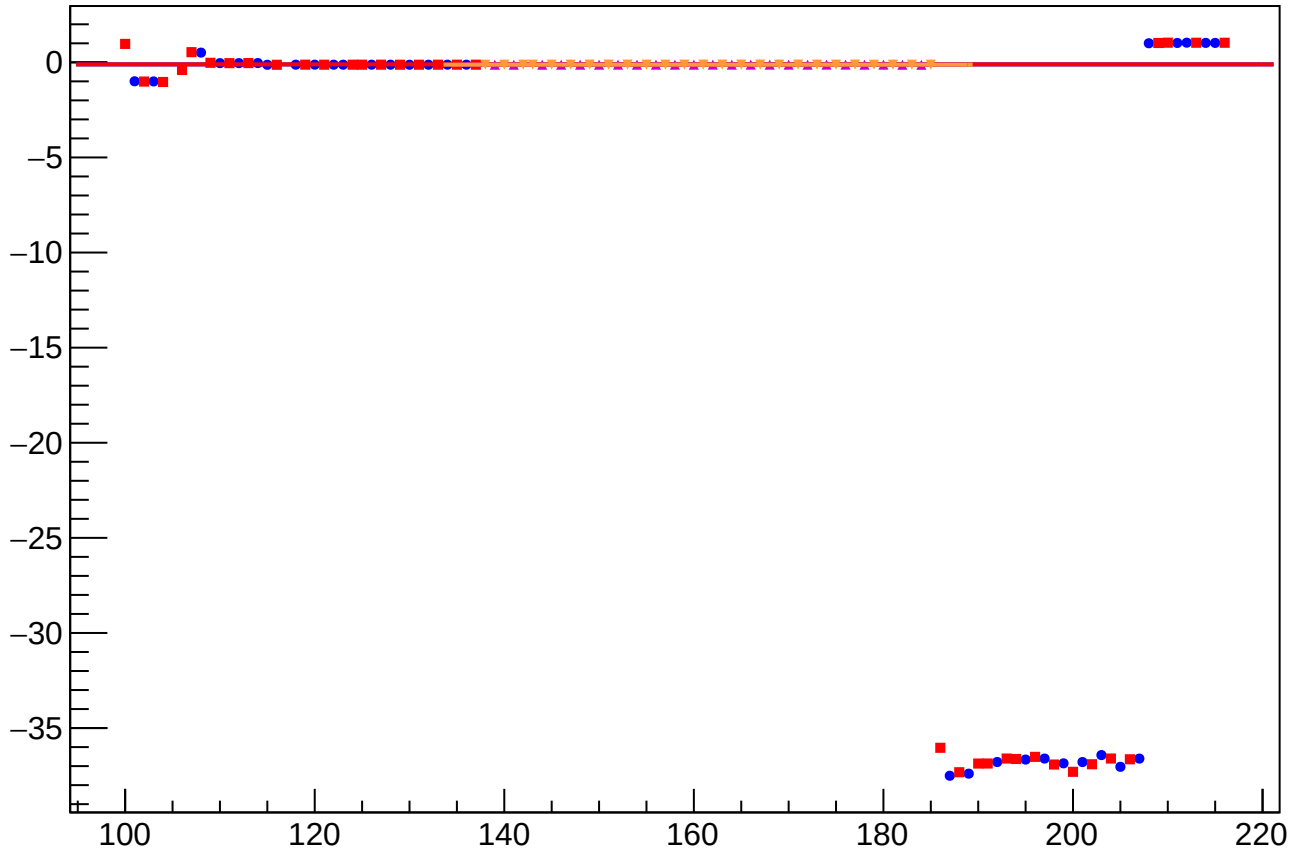
Right Out: 0.002+/-0.000 χ^2/NDF: 23992227.3/34

Left In: 0.001+/-0.000 χ^2/NDF:659543.3/22

+ sign 0.002+/-0.000 χ^2/NDF: 23242721.4/56

All: 0.002+/-0.000 χ^2/NDF: 48013842.4/114

- sign 0.002+/-0.000 χ^2/NDF: 24763236.1/57



Right In: -0.109+/-0.000 χ^2/NDF: 92062978438.5/31

Left Out: -0.121+/-0.000 χ^2/NDF:58329026.8/24

Right Out: -0.105+/-0.000 χ^2/NDF: 92131679837.4/34

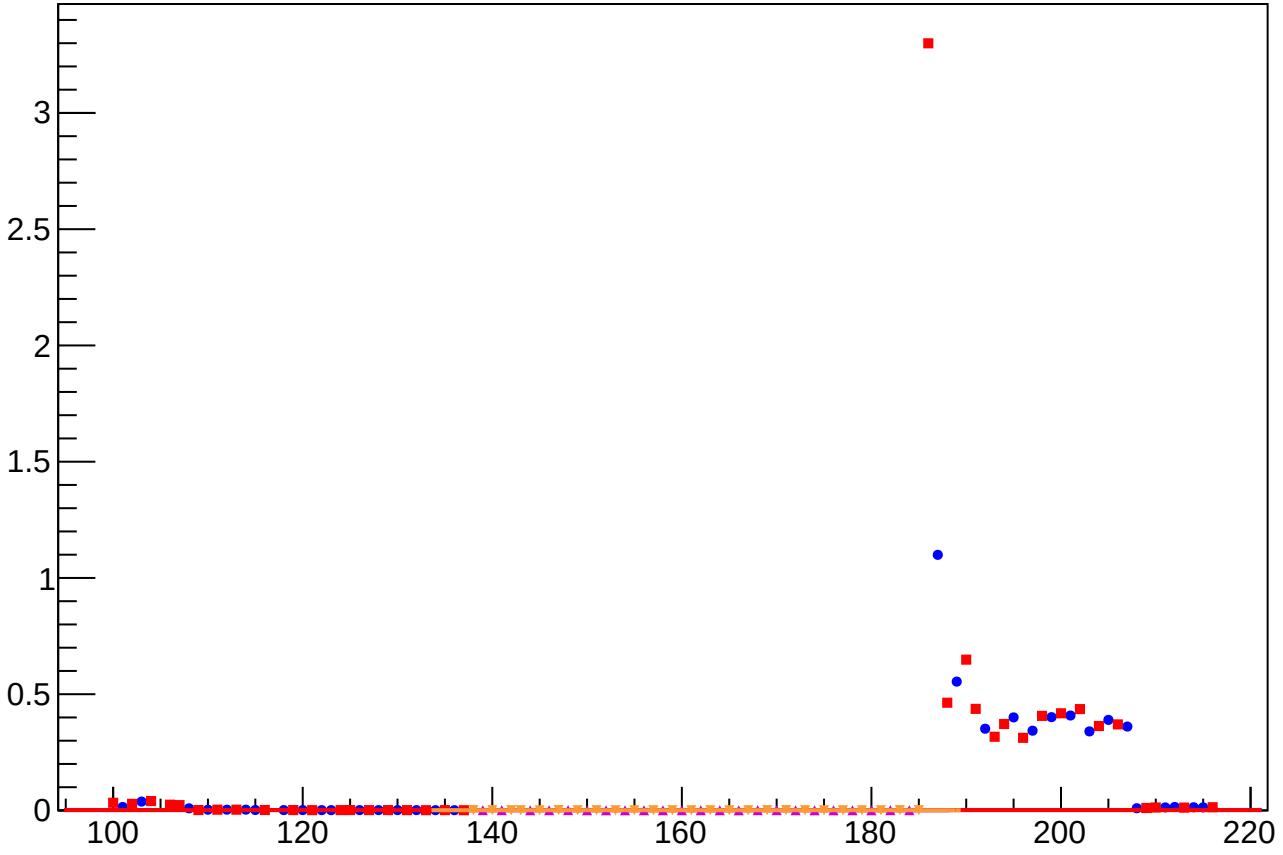
Left In: -0.121+/-0.000 χ^2/NDF:53134323.3/22

+ sign -0.120+/-0.000 χ^2/NDF: 92381408875.2/56

All: -0.120+/-0.000 χ^2/NDF: 184983446367.6

- sign -0.119+/-0.000 χ^2/NDF: 92598861740.5/57

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 21265493.7/31

Left Out: 0.001+/-0.000 χ^2/NDF:1362851.8/24

Right Out: 0.002+/-0.000 χ^2/NDF: 22622396.4/34

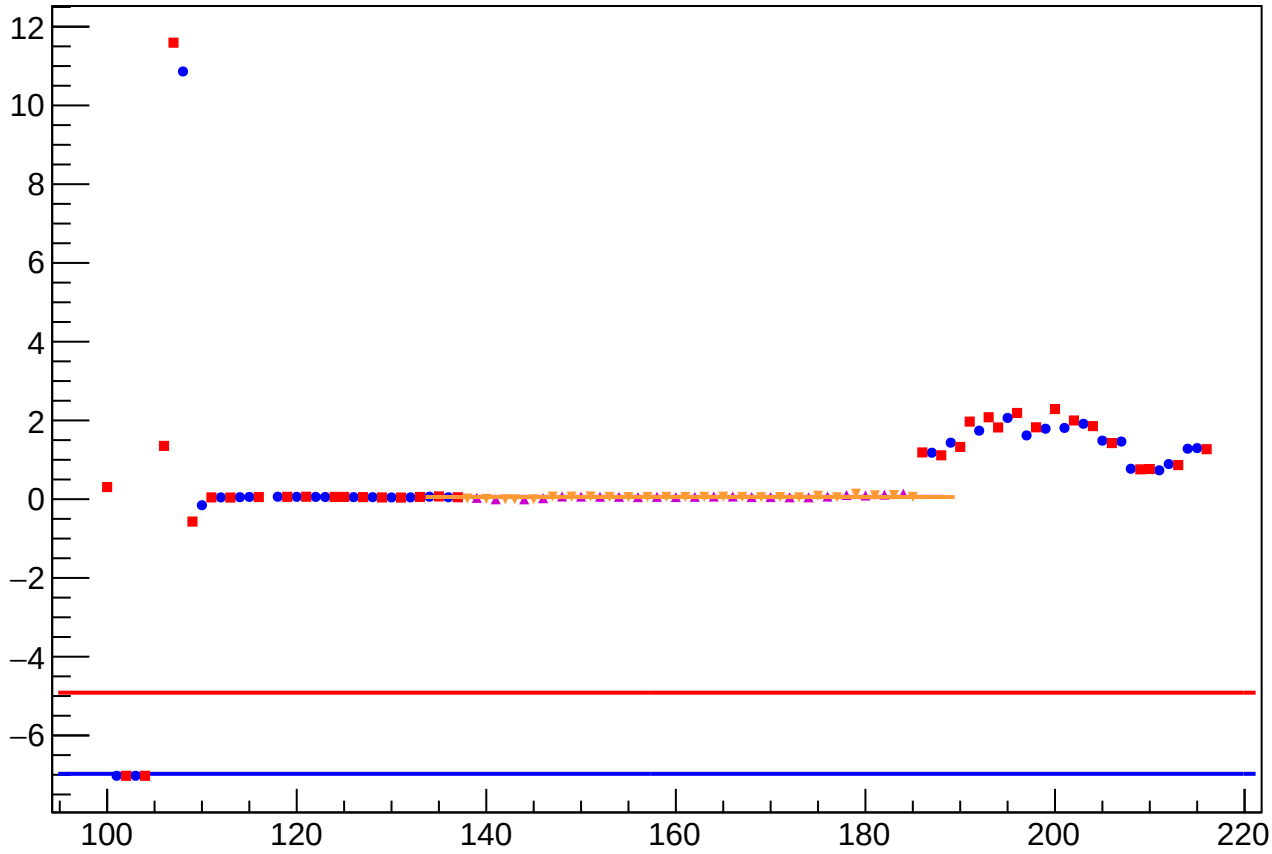
Left In: 0.001+/-0.000 χ^2/NDF:972588.0/22

+ sign 0.001+/-0.000 χ^2/NDF: 24368915.4/56

All: 0.001+/-0.000 χ^2/NDF: 49556069.5/114

- sign 0.001+/-0.000 χ^2/NDF: 25185553.1/57

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2/NDF: 8763062881104.3/31

Left Out: 0.055+/-0.000 χ^2/NDF:243733184.3/24

Right Out: -4.914+/-0.000 χ^2/NDF: 365348856786294.1/34

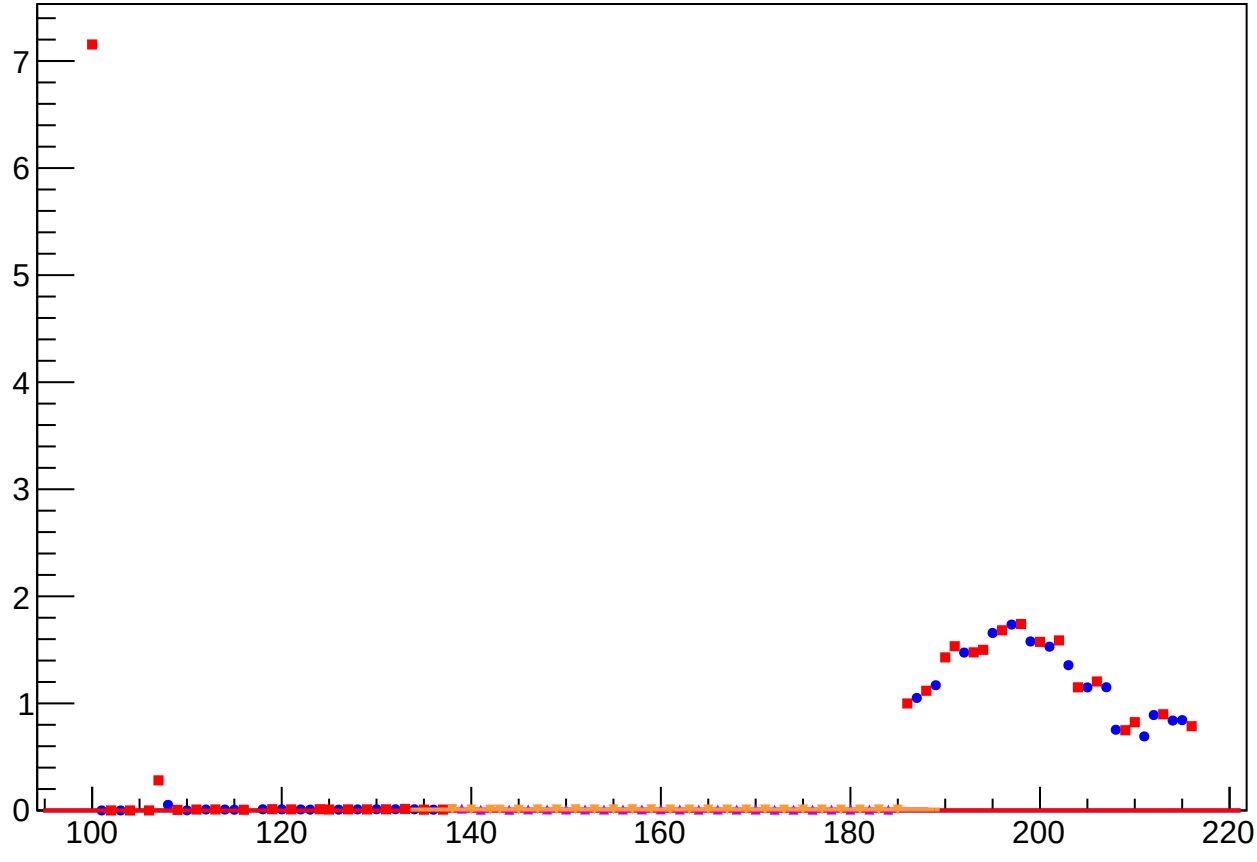
Left In: 0.059+/-0.000 χ^2/NDF:178713649.9/22

+ sign -6.921+/-0.000 χ^2/NDF: 18418045590780.8/

All: -5.858+/-0.000 χ^2/NDF: 4435820451533

- sign -4.882+/-0.000 χ^2/NDF: 369771145594692.8

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 28961304.6/31

Left Out: 0.009+/-0.000 χ^2/NDF:513737.0/24

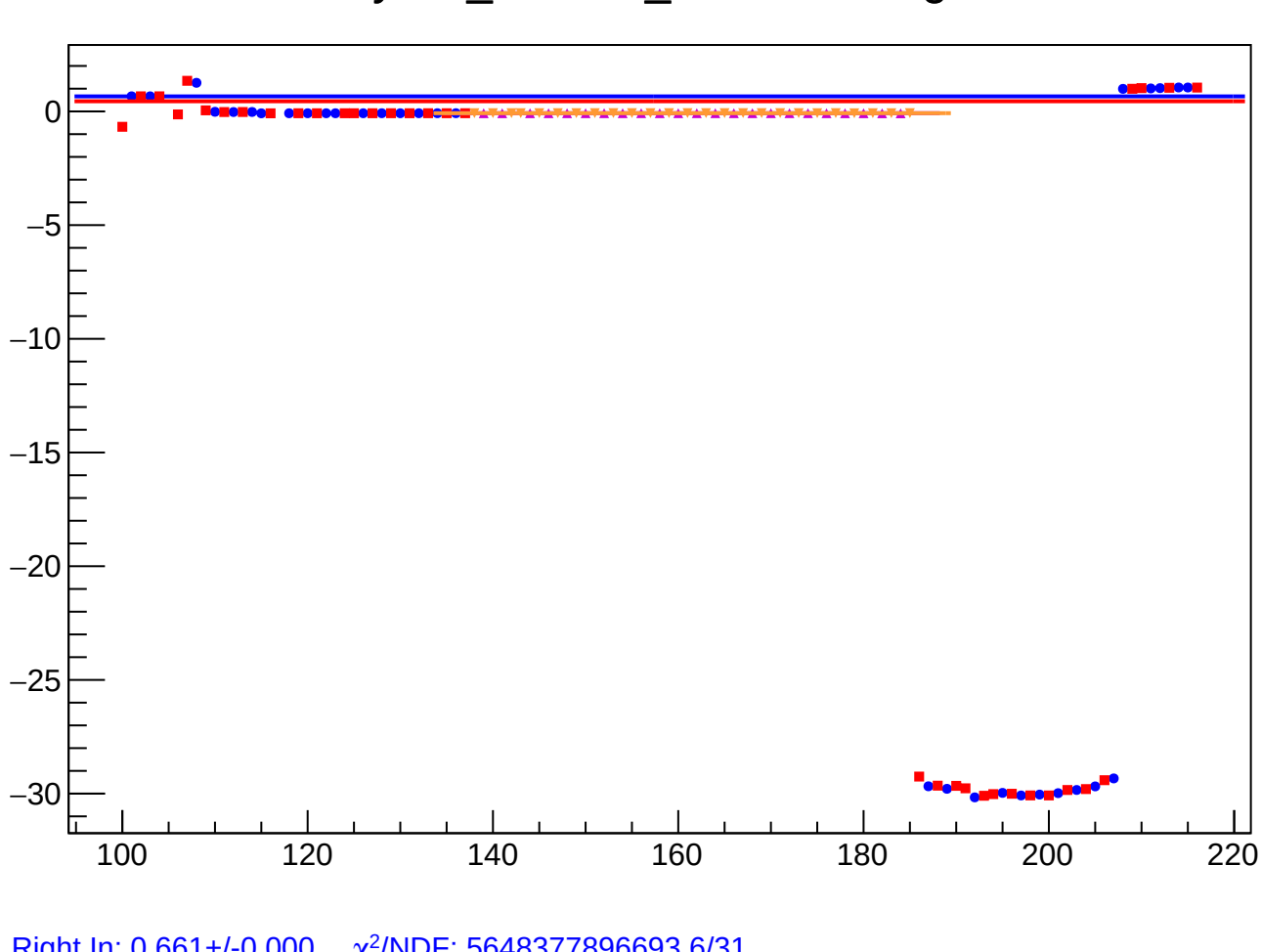
Right Out: 0.000+/-0.000 χ^2/NDF: 29755000.9/34

Left In: 0.009+/-0.000 χ^2/NDF:636557.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 57946974.0/56

All: 0.000+/-0.000 χ^2/NDF: 115379117.9/114

- sign 0.000+/-0.000 χ^2/NDF: 57427644.9/57



Right In: 0.661+/-0.000 χ^2/NDF: 5648377896693.6/31

Left Out: -0.078+/-0.000 χ^2/NDF:156525648.0/24

Right Out: 0.446+/-0.000 χ^2/NDF: 405483834509425.9/34

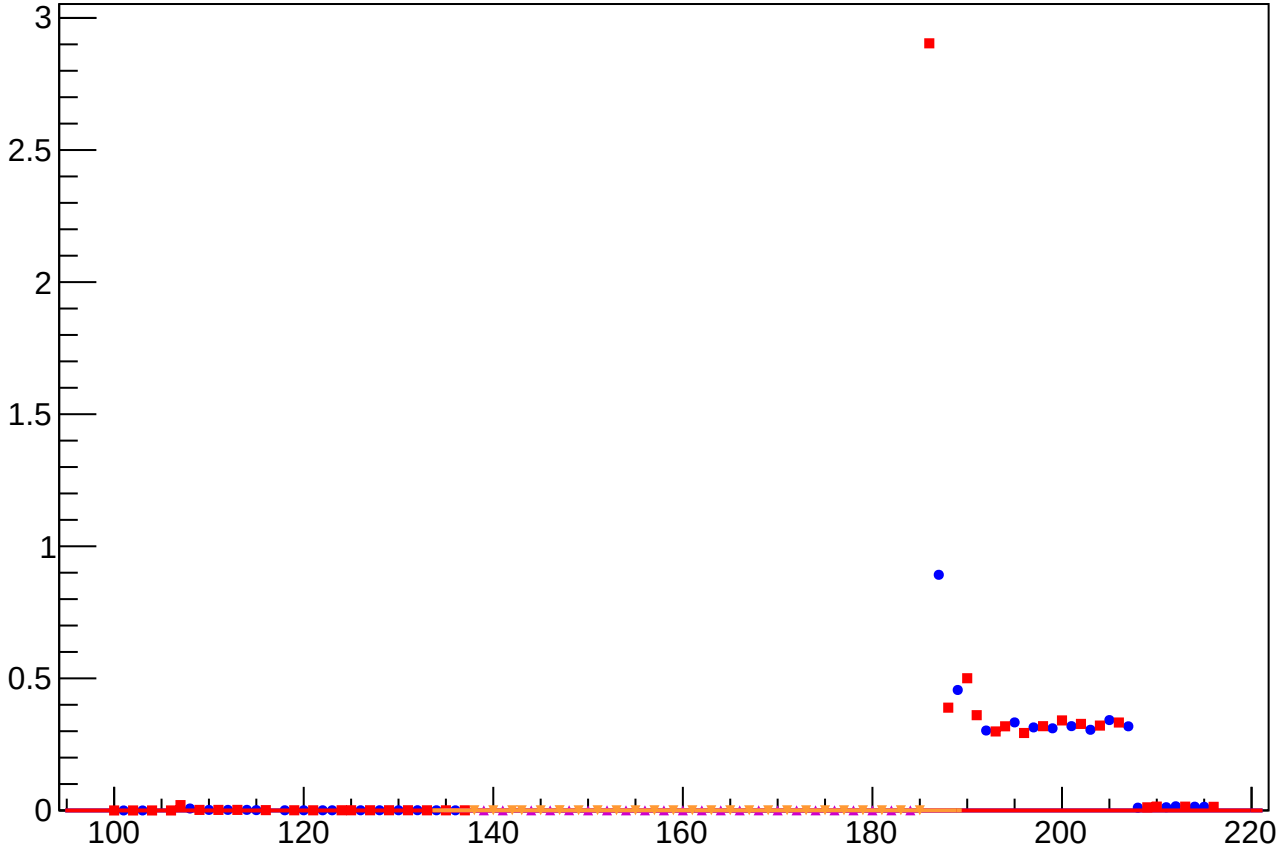
Left In: -0.077+/-0.000 χ^2/NDF:111221084.5/22

+ sign 0.646+/-0.000 χ^2/NDF: 35816059646158.3/5

All: 0.537+/-0.000 χ^2/NDF: 5161120047074

- sign 0.437+/-0.000 χ^2/NDF: 419715515236771.9/

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 30358126.2/31

Left Out: 0.001+/-0.000 χ^2/NDF:466355.6/24

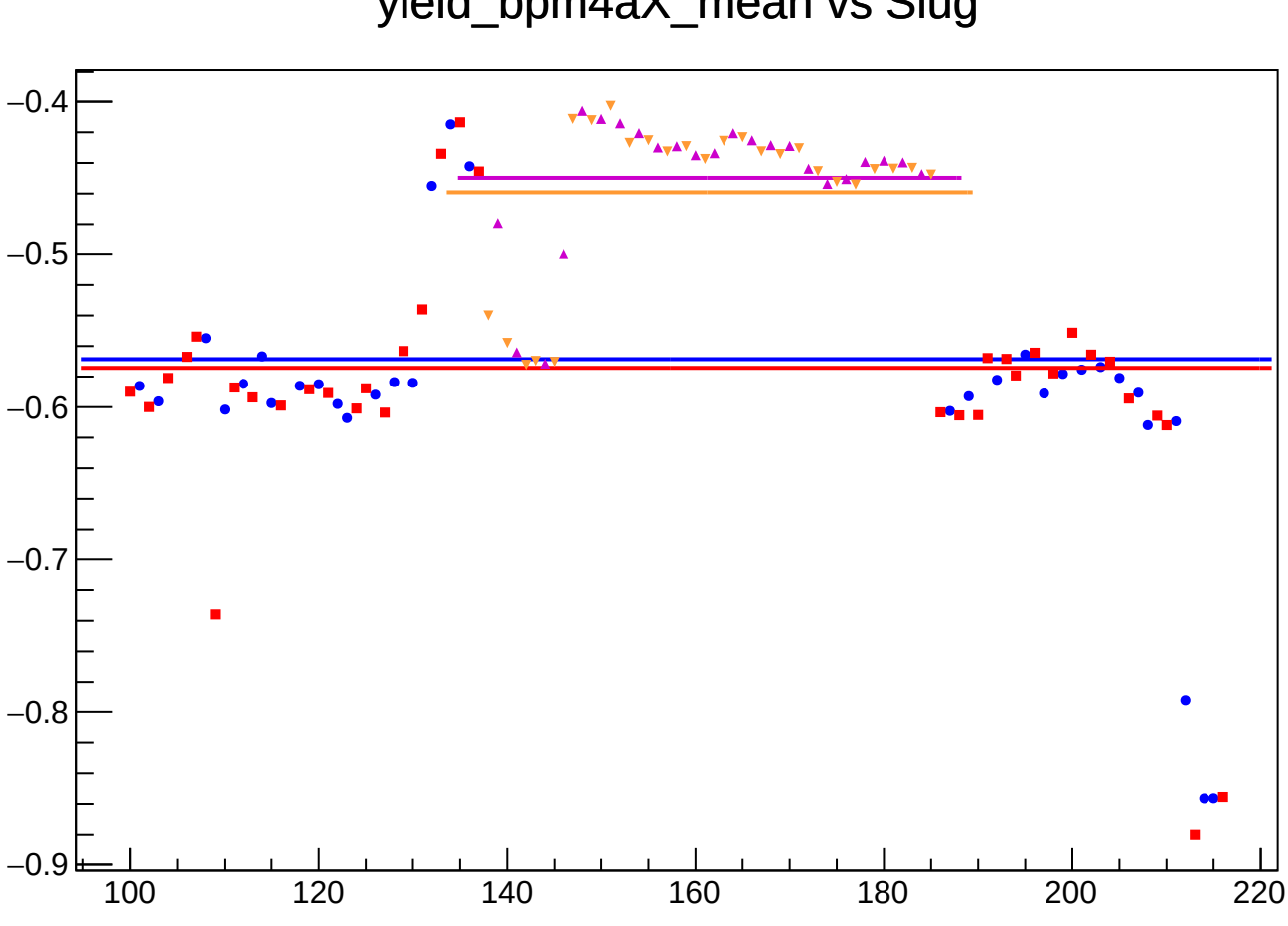
Right Out: 0.000+/-0.000 χ^2/NDF: 30323761.2/34

Left In: 0.001+/-0.000 χ^2/NDF:355587.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 62995090.4/56

All: 0.000+/-0.000 χ^2/NDF: 124354613.0/114

- sign 0.000+/-0.000 χ^2/NDF: 61352130.3/57



Right In: -0.569+/-0.000 χ^2/NDF: 105007659.3/31

Left Out: -0.459+/-0.000 χ^2/NDF:113808762.6/24

Right Out: -0.574+/-0.000 χ^2/NDF: 109363696.6/34

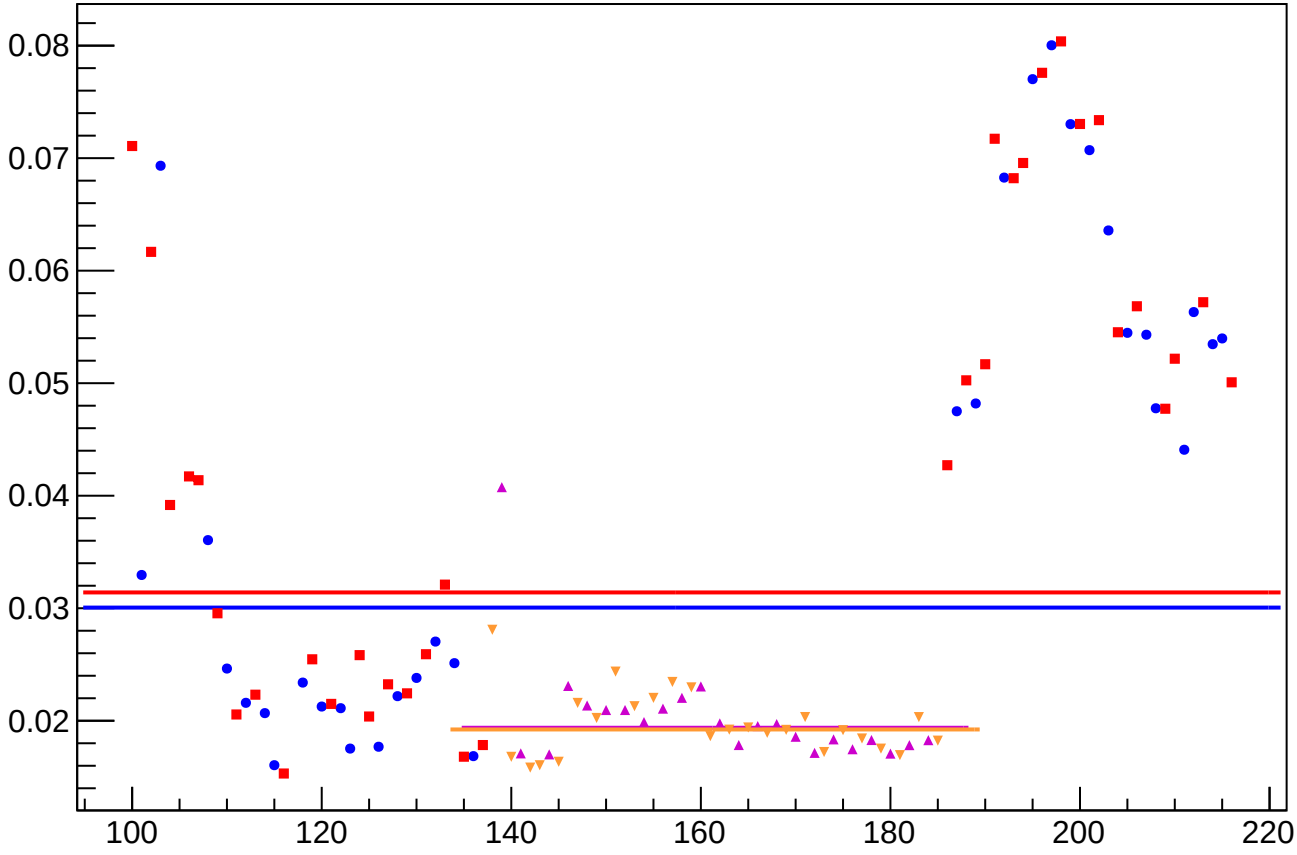
Left In: -0.450+/-0.000 χ^2/NDF:76151485.7/22

+ sign -0.487+/-0.000 χ^2/NDF: 339381516.7/56

All: -0.484+/-0.000 χ^2/NDF: 674153924.2/11

- sign -0.482+/-0.000 χ^2/NDF: 334142938.9/57

yield_bpm4aX_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF: 7502578.5/31

Left Out: 0.019+/-0.000 χ^2/NDF:501253.7/24

Right Out: 0.031+/-0.000 χ^2/NDF: 7369058.8/34

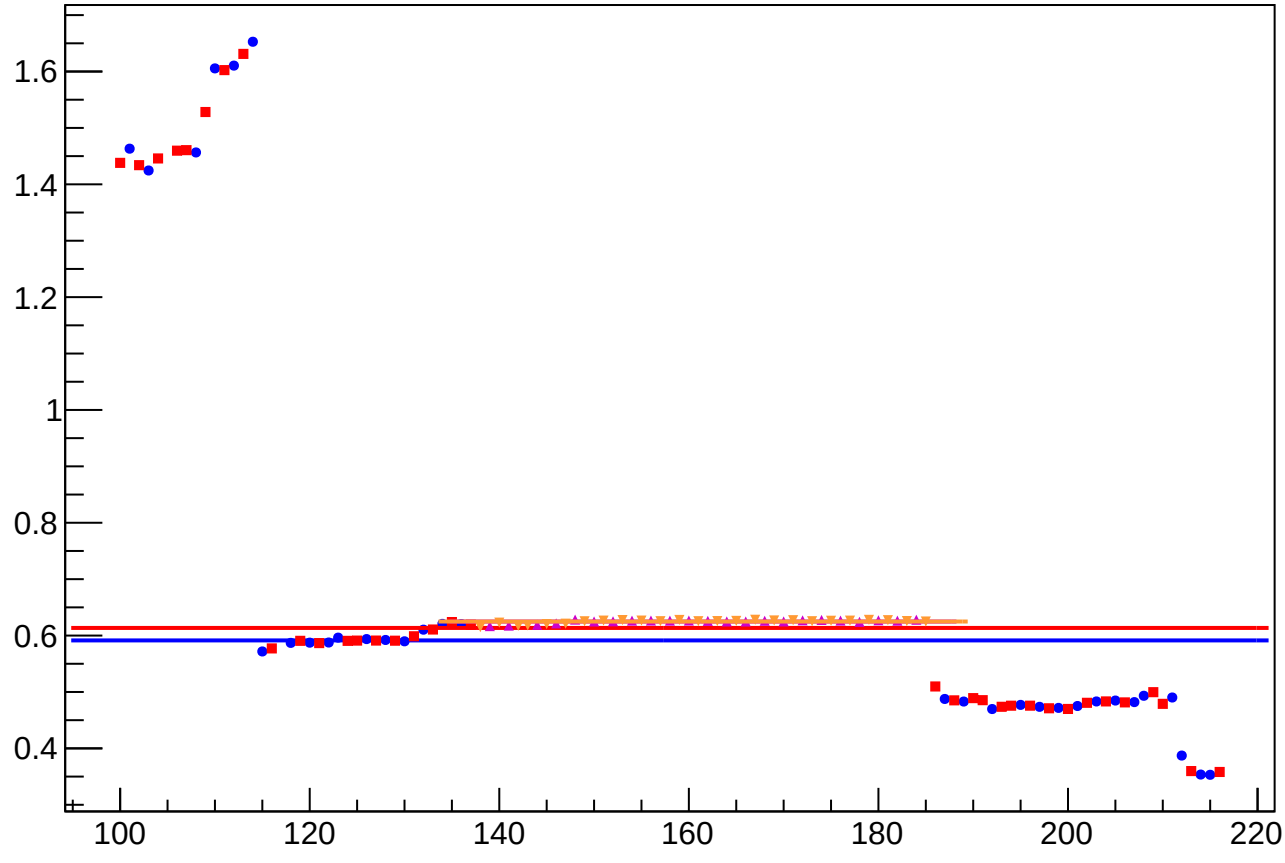
Left In: 0.019+/-0.000 χ^2/NDF:656155.9/22

+ sign 0.022+/-0.000 χ^2/NDF: 10367624.5/56

All: 0.022+/-0.000 χ^2/NDF: 21178438.2/114

- sign 0.022+/-0.000 χ^2/NDF: 10796745.2/57

yield_bpm4aY_mean vs Slug



Right In: 0.591+/-0.000 χ^2/NDF: 5490821464.7/31

Left Out: 0.625+/-0.000 χ^2/NDF:1442225.6/24

Right Out: 0.614+/-0.000 χ^2/NDF: 6469411320.0/34

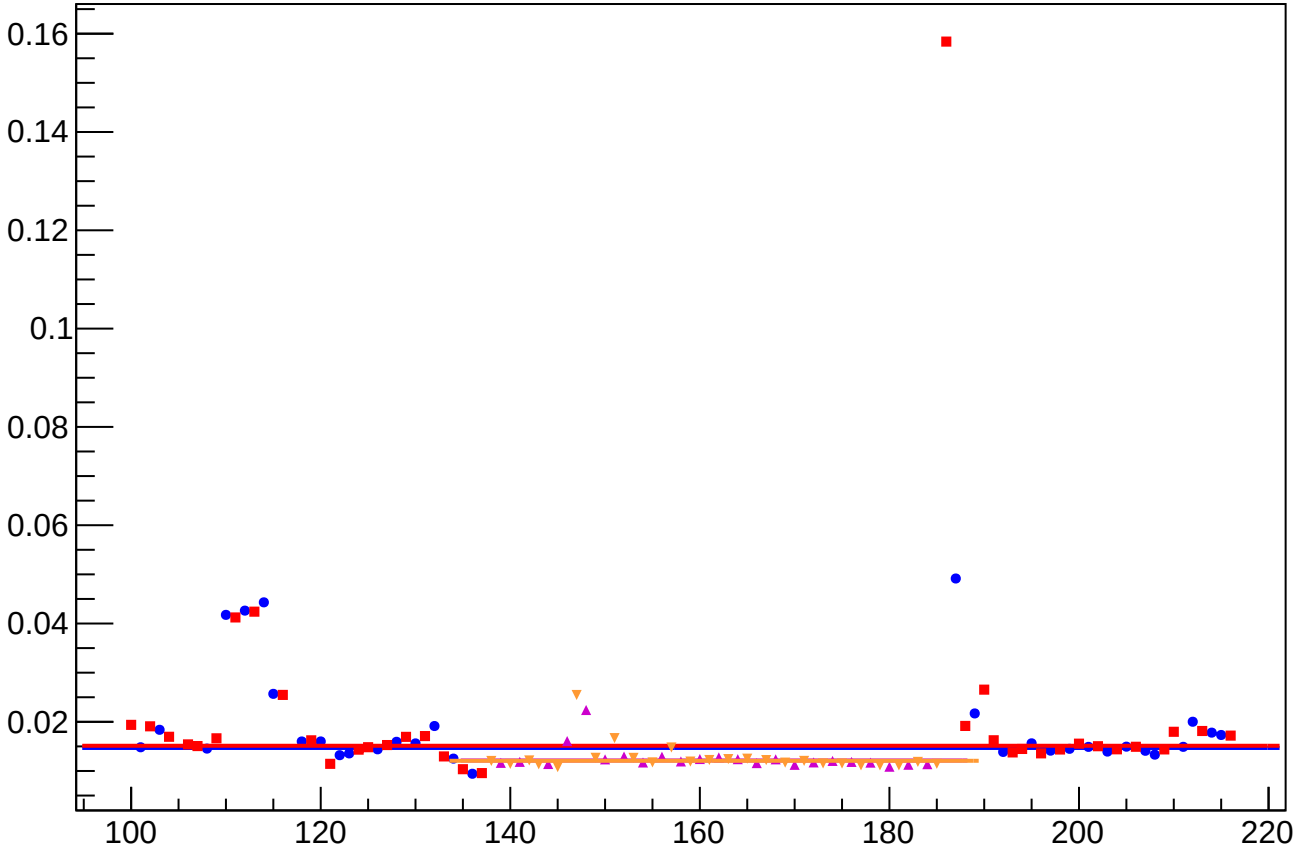
Left In: 0.625+/-0.000 χ^2/NDF:1135039.4/22

+ sign 0.612+/-0.000 χ^2/NDF: 5543160430.9/56

All: 0.616+/-0.000 χ^2/NDF: 12025528750.5/1

- sign 0.621+/-0.000 χ^2/NDF: 6476062271.9/57

yield_bpm4aY_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF: 1848945.0/31

Left Out: 0.012+/-0.000 χ^2/NDF:657433.9/24

Right Out: 0.015+/-0.000 χ^2/NDF: 2176346.1/34

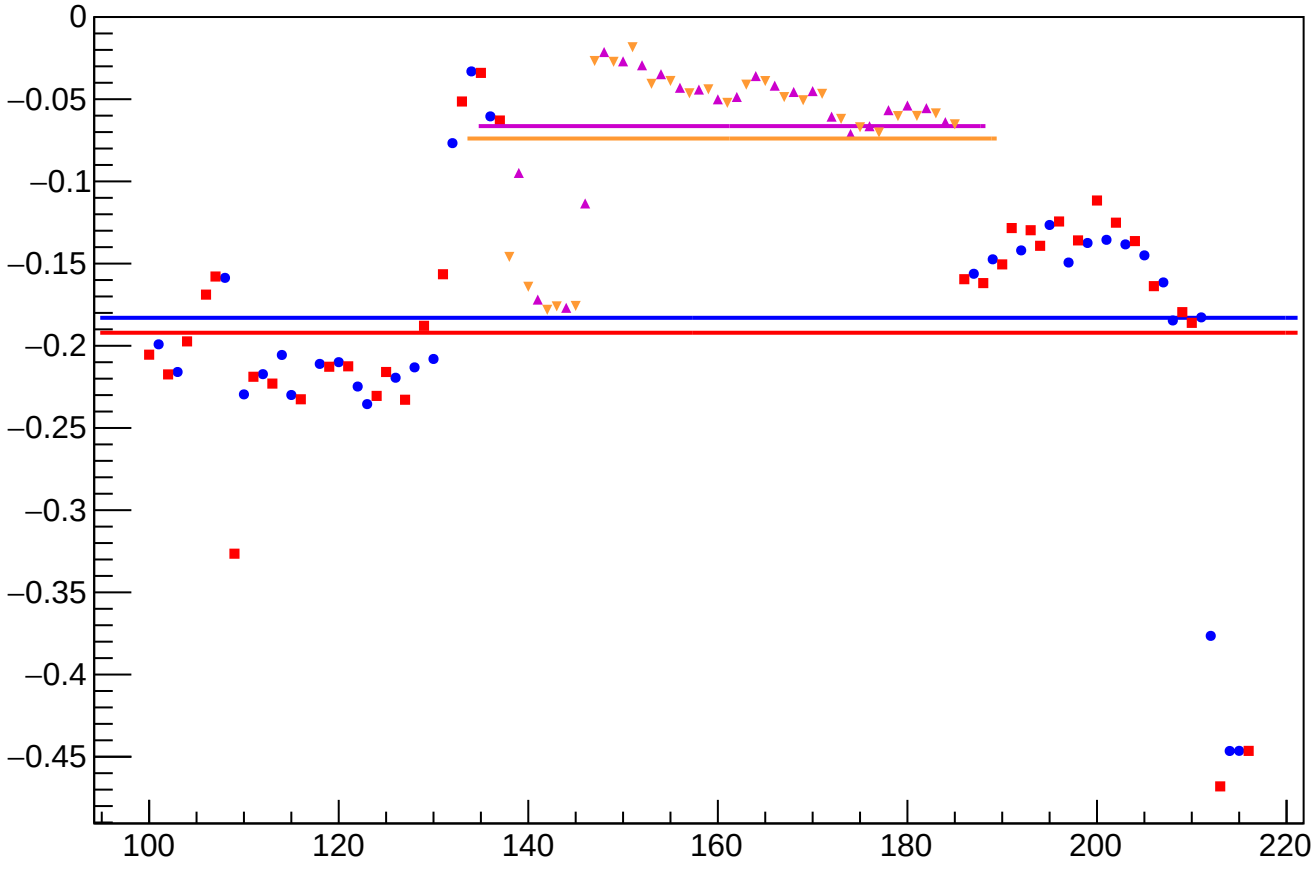
Left In: 0.012+/-0.000 χ^2/NDF:488249.4/22

+ sign 0.013+/-0.000 χ^2/NDF: 3124689.3/56

All: 0.013+/-0.000 χ^2/NDF: 6574803.8/114

- sign 0.013+/-0.000 χ^2/NDF: 3440891.7/57

yield_bpm4eX_mean vs Slug



Right In: -0.183+/-0.000 χ^2/NDF: 119823010.0/31

Left Out: -0.074+/-0.000 χ^2/NDF:107858881.3/24

Right Out: -0.192+/-0.000 χ^2/NDF: 125964379.2/34

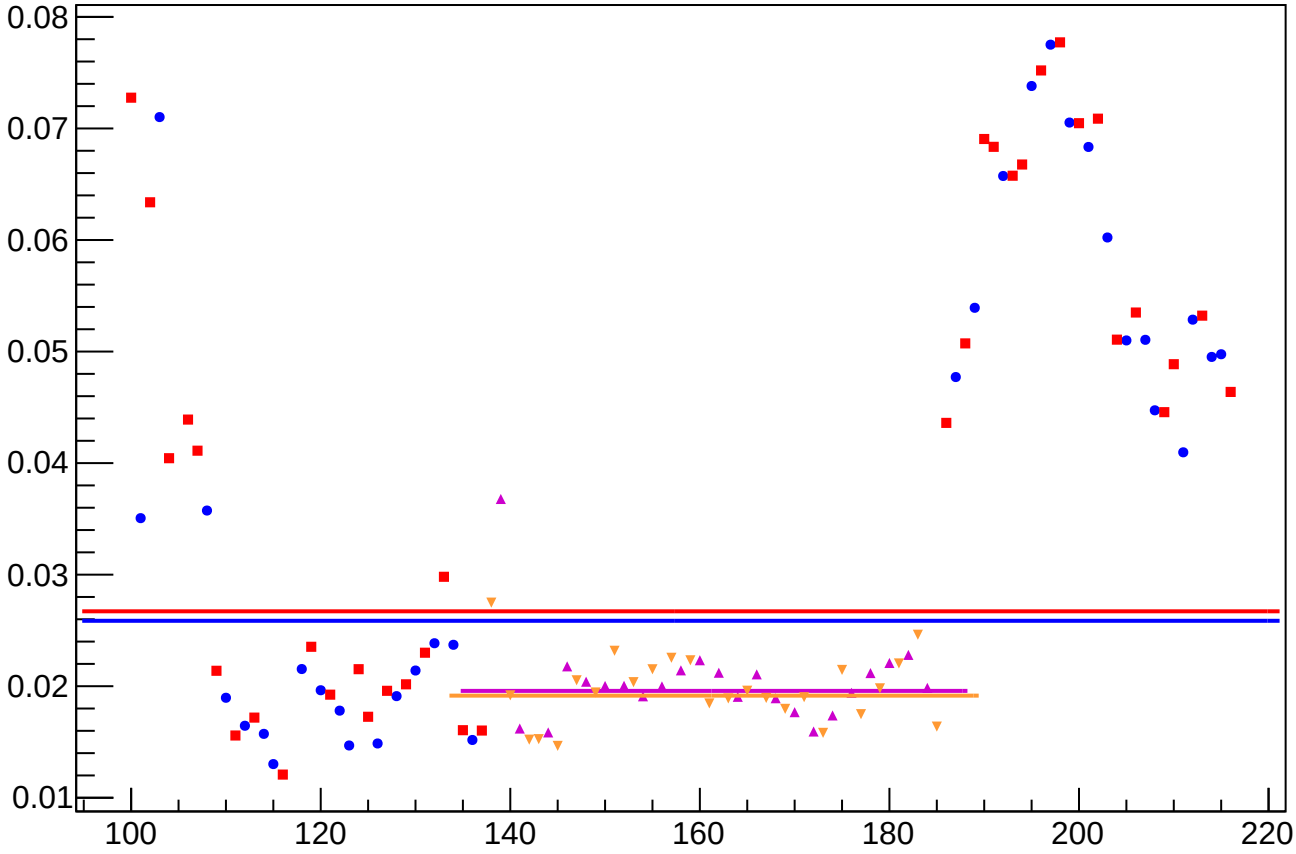
Left In: -0.066+/-0.000 χ^2/NDF:76283954.4/22

+ sign -0.106+/-0.000 χ^2/NDF: 372088272.8/56

All: -0.106+/-0.000 χ^2/NDF: 756645517.8/11

- sign -0.105+/-0.000 χ^2/NDF: 384531155.4/57

yield_bpm4eX_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF: 8789078.4/31

Left Out: 0.019+/-0.000 χ^2/NDF:641027.3/24

Right Out: 0.027+/-0.000 χ^2/NDF: 9002714.4/34

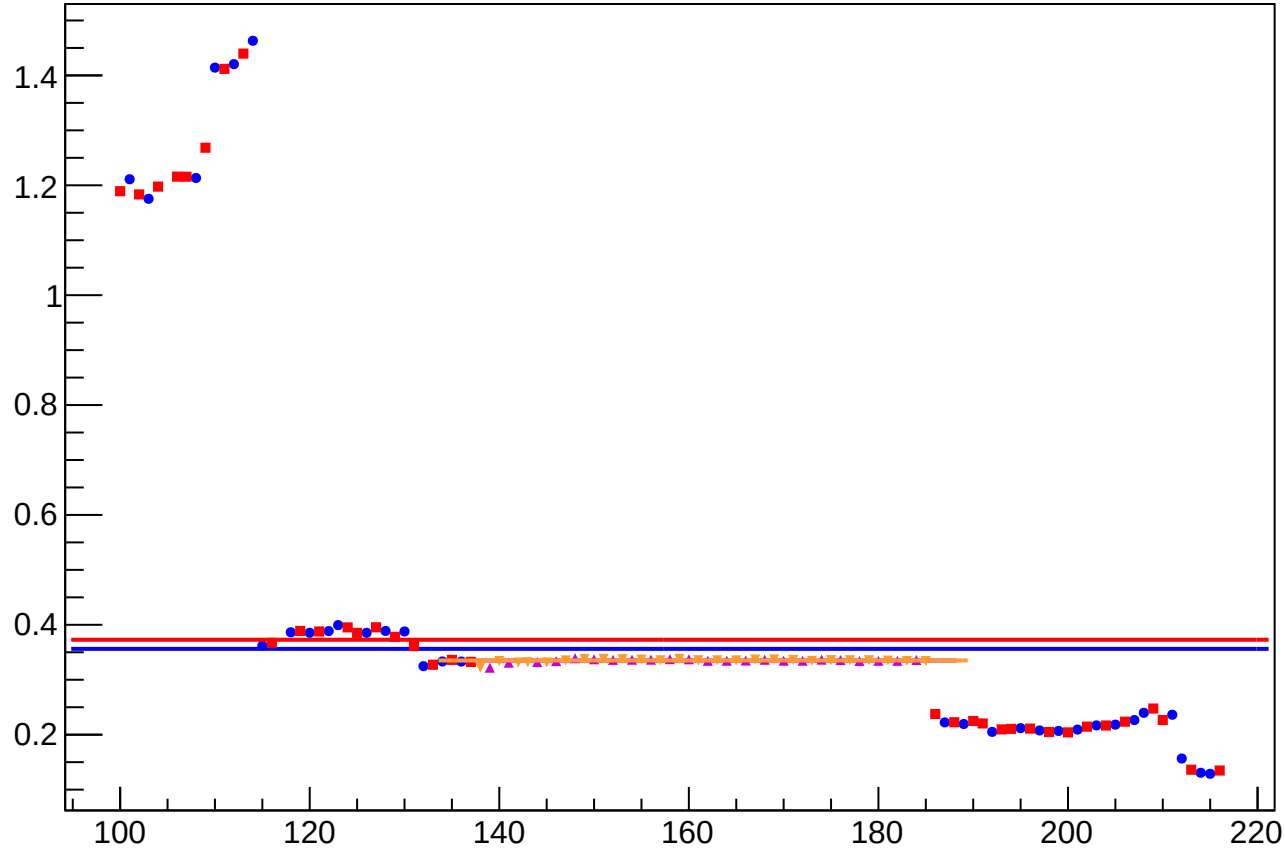
Left In: 0.020+/-0.000 χ^2/NDF:651328.7/22

+ sign 0.021+/-0.000 χ^2/NDF: 10522871.4/56

All: 0.021+/-0.000 χ^2/NDF: 21374624.8/114

- sign 0.022+/-0.000 χ^2/NDF: 10828268.2/57

yield_bpm4eY_mean vs Slug



Right In: 0.356+/-0.000 χ^2/NDF: 7930449959.1/31

Left Out: 0.335+/-0.000 χ^2/NDF:1153956.7/24

Right Out: 0.373+/-0.000 χ^2/NDF: 8958326296.2/34

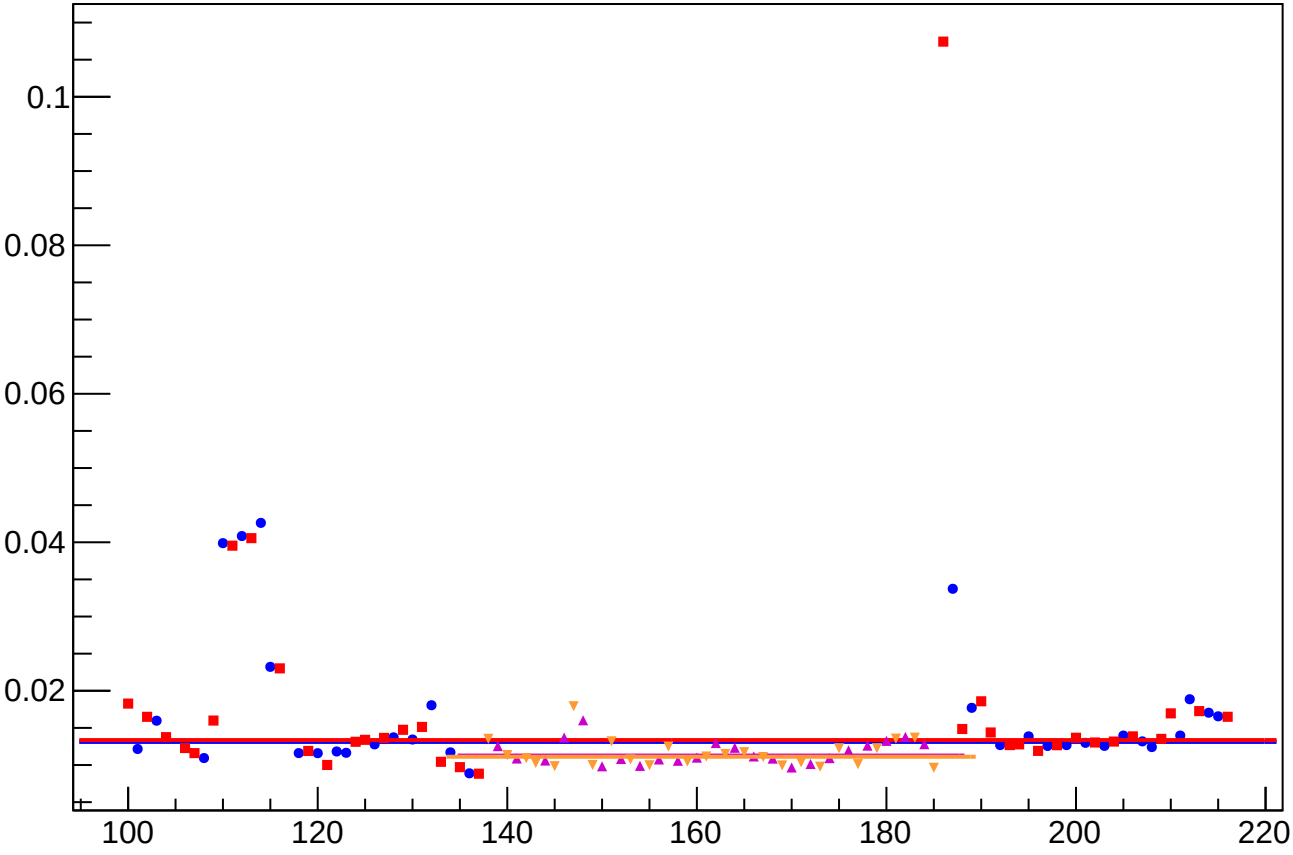
Left In: 0.335+/-0.000 χ^2/NDF:1198302.8/22

+ sign 0.343+/-0.000 χ^2/NDF: 7956321091.9/56

All: 0.347+/-0.000 χ^2/NDF: 16997117338.3/1

- sign 0.350+/-0.000 χ^2/NDF: 9035309400.4/57

yield_bpm4eY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 1829139.1/31

Left Out: 0.011+/-0.000 χ^2/NDF:608235.7/24

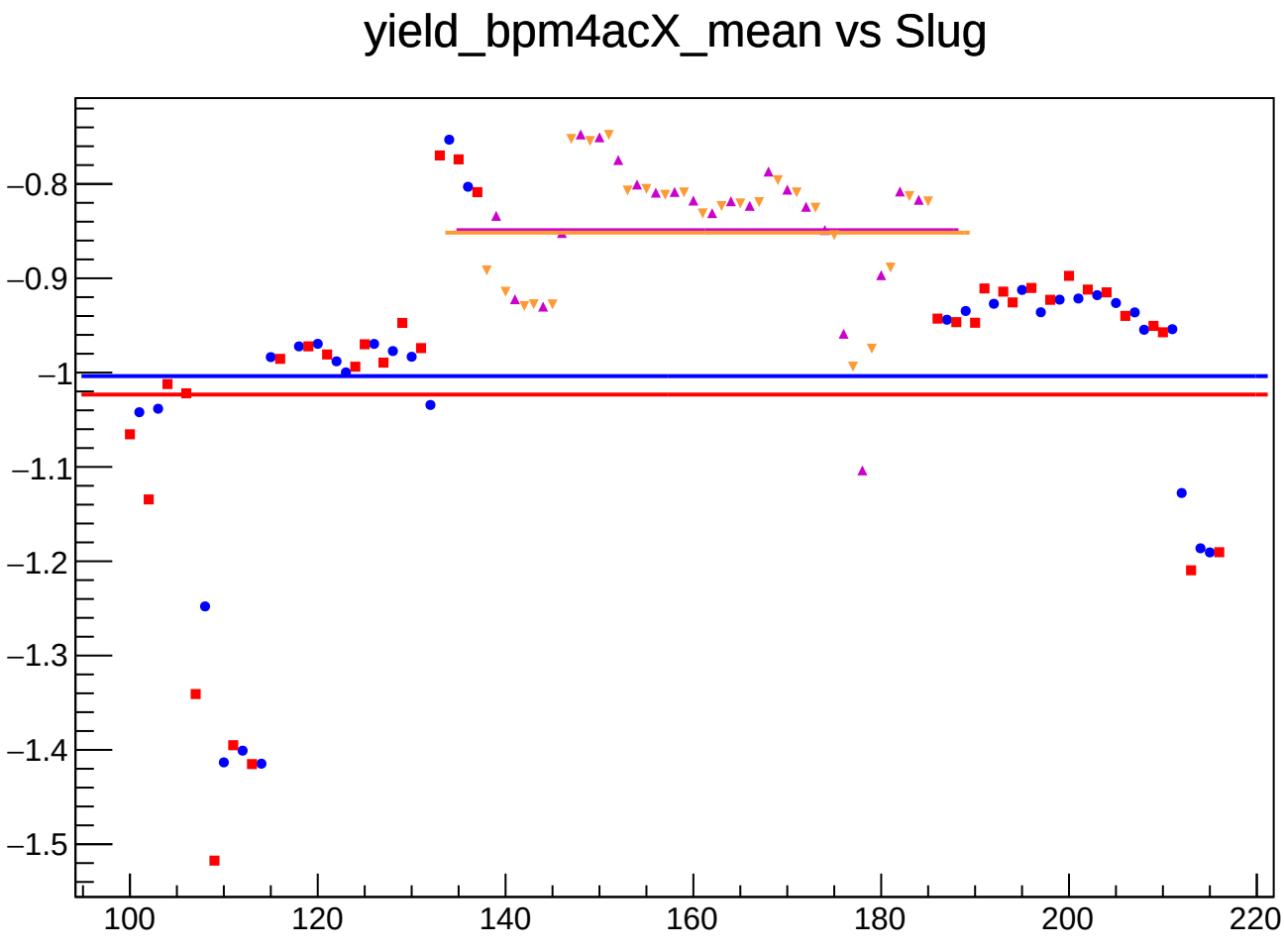
Right Out: 0.013+/-0.000 χ^2/NDF: 2138044.8/34

Left In: 0.011+/-0.000 χ^2/NDF:502226.7/22

+ sign 0.012+/-0.000 χ^2/NDF: 2877868.0/56

All: 0.012+/-0.000 χ^2/NDF: 5990736.9/114

- sign 0.012+/-0.000 χ^2/NDF: 3101556.8/57



Right In: -1.004+/-0.000 χ^2/NDF: 426603393.9/31

Left Out: -0.852+/-0.000 χ^2/NDF:189276591.7/24

Right Out: -1.023+/-0.000 χ^2/NDF: 575394179.2/34

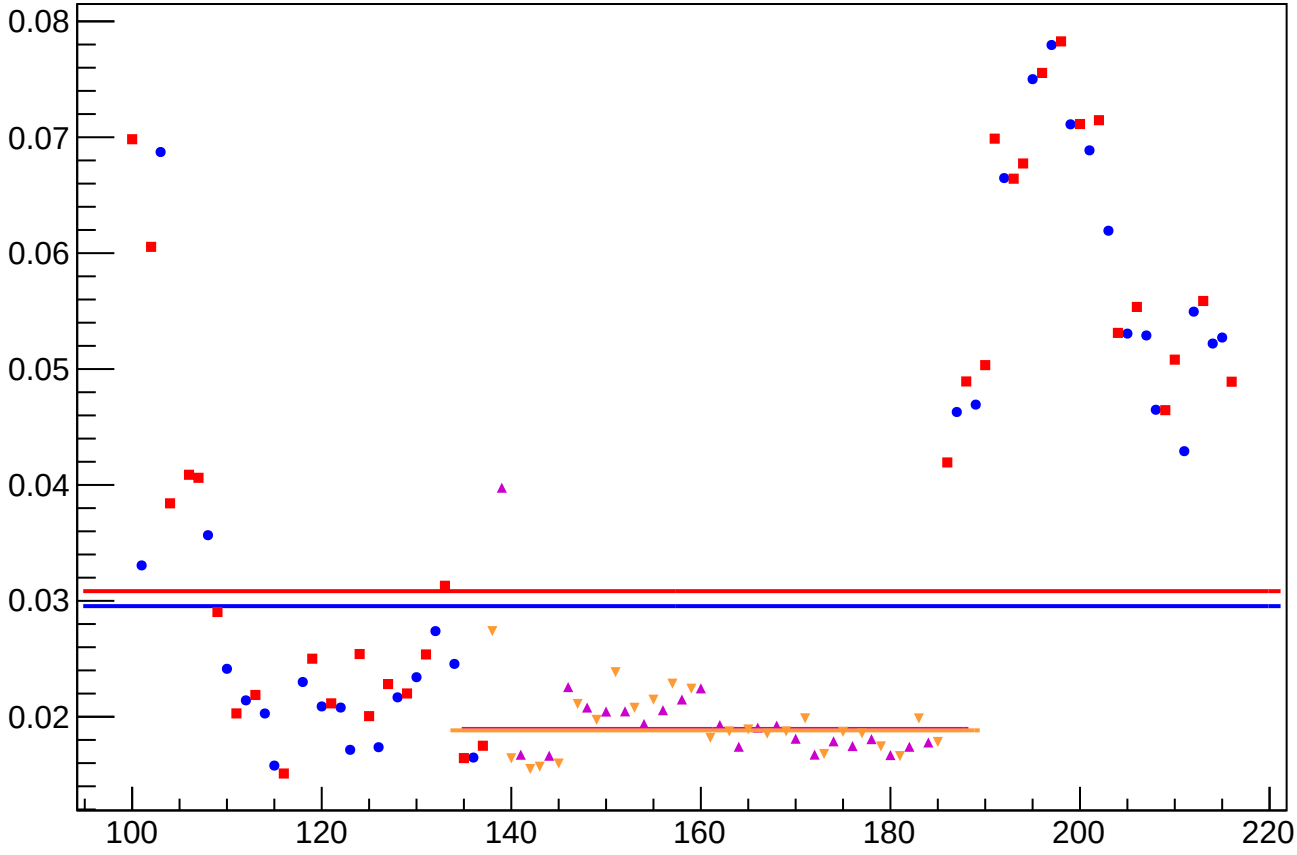
Left In: -0.849+/-0.000 χ^2/NDF:256438306.8/22

+ sign -0.890+/-0.000 χ^2/NDF: 857957588.3/56

All: -0.891+/-0.000 χ^2/NDF: 1992973873.6/1

- sign -0.893+/-0.000 χ^2/NDF: 1134612227.8/57

yield_bpm4acX_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF: 7439380.8/31

Left Out: 0.019+/-0.000 χ^2/NDF:490084.5/24

Right Out: 0.031+/-0.000 χ^2/NDF: 7287089.1/34

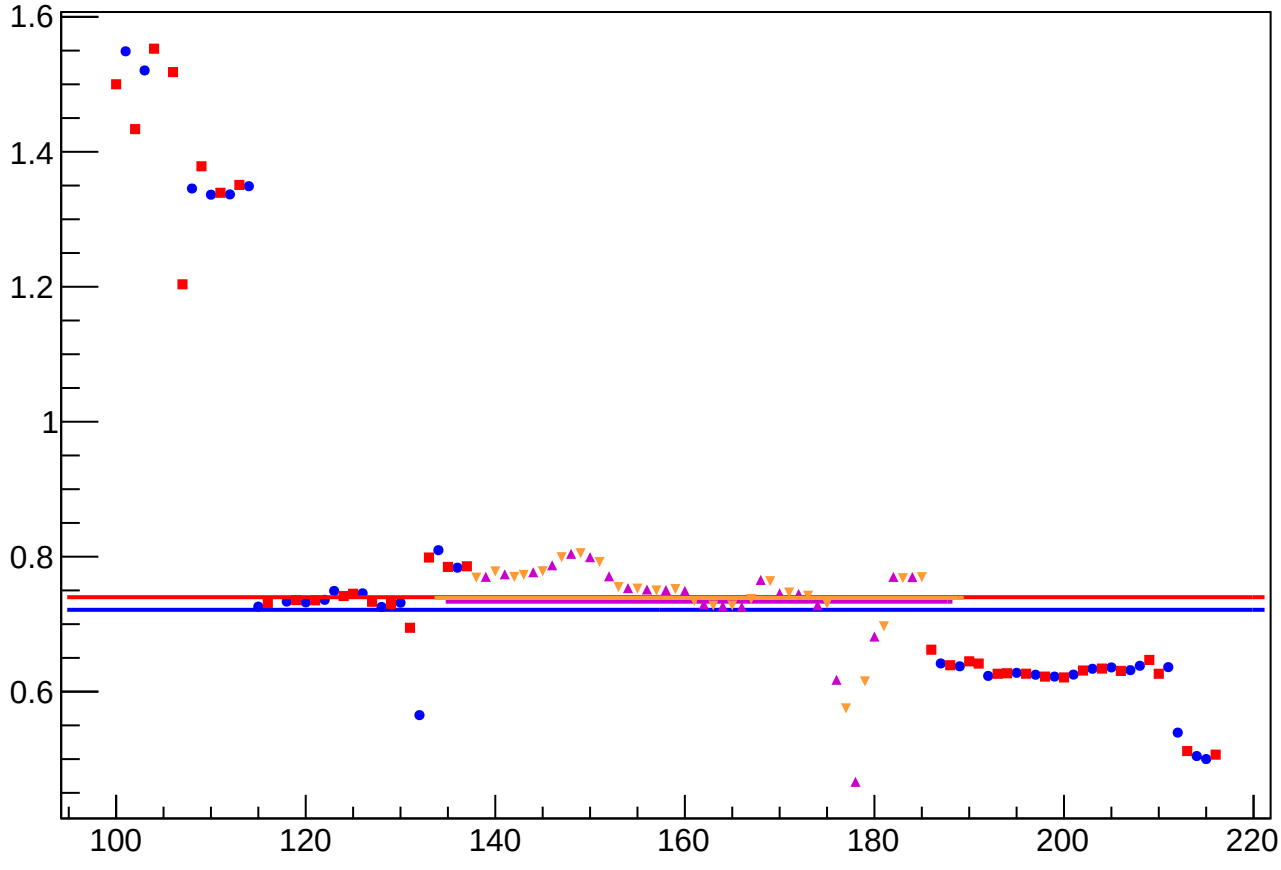
Left In: 0.019+/-0.000 χ^2/NDF:645048.1/22

+ sign 0.022+/-0.000 χ^2/NDF: 10333318.4/56

All: 0.022+/-0.000 χ^2/NDF: 21096533.0/114

- sign 0.022+/-0.000 χ^2/NDF: 10750904.5/57

yield_bpm4acY_mean vs Slug



Right In: 0.721+/-0.000 χ^2/NDF: 3823700200.6/31

Left Out: 0.739+/-0.000 χ^2/NDF:333086309.0/24

Right Out: 0.740+/-0.000 χ^2/NDF: 4092451772.7/34

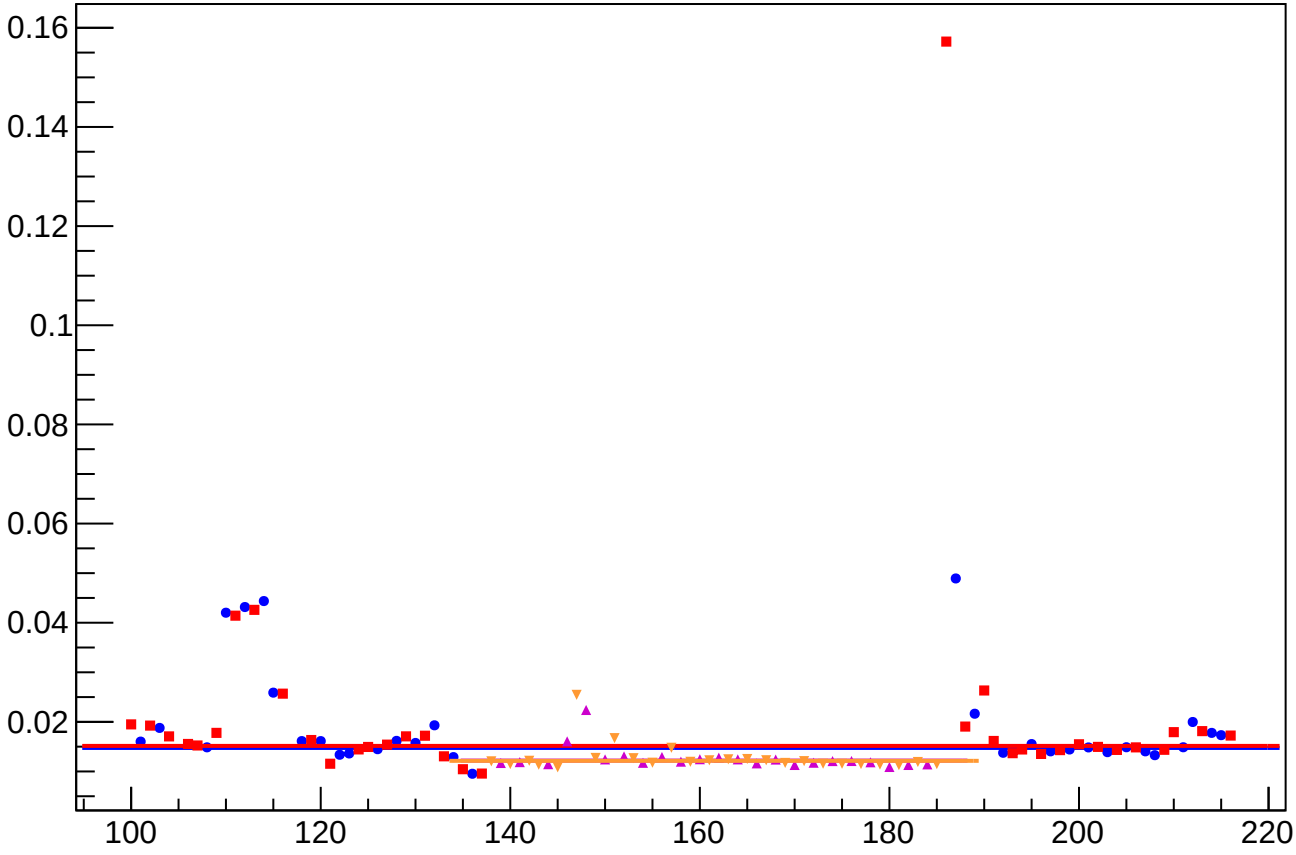
Left In: 0.733+/-0.000 χ^2/NDF:570264411.7/22

+ sign 0.732+/-0.000 χ^2/NDF: 4170614975.1/56

All: 0.734+/-0.000 χ^2/NDF: 8836438090.8/11

- sign 0.736+/-0.000 χ^2/NDF: 4664602636.3/57

yield_bpm4acY_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF: 1843271.5/31

Left Out: 0.012+/-0.000 χ^2/NDF:638211.9/24

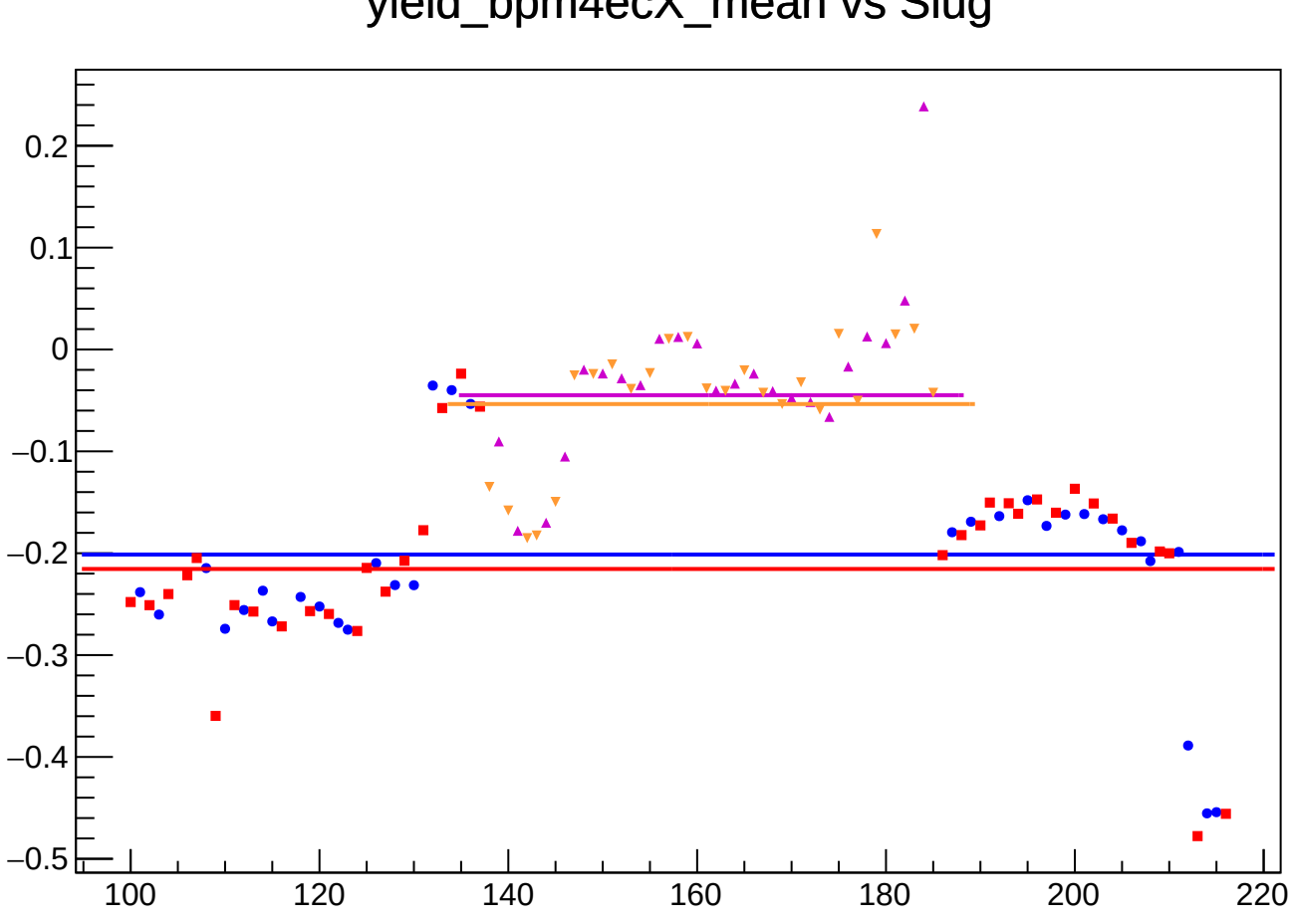
Right Out: 0.015+/-0.000 χ^2/NDF: 2179195.2/34

Left In: 0.012+/-0.000 χ^2/NDF:481639.6/22

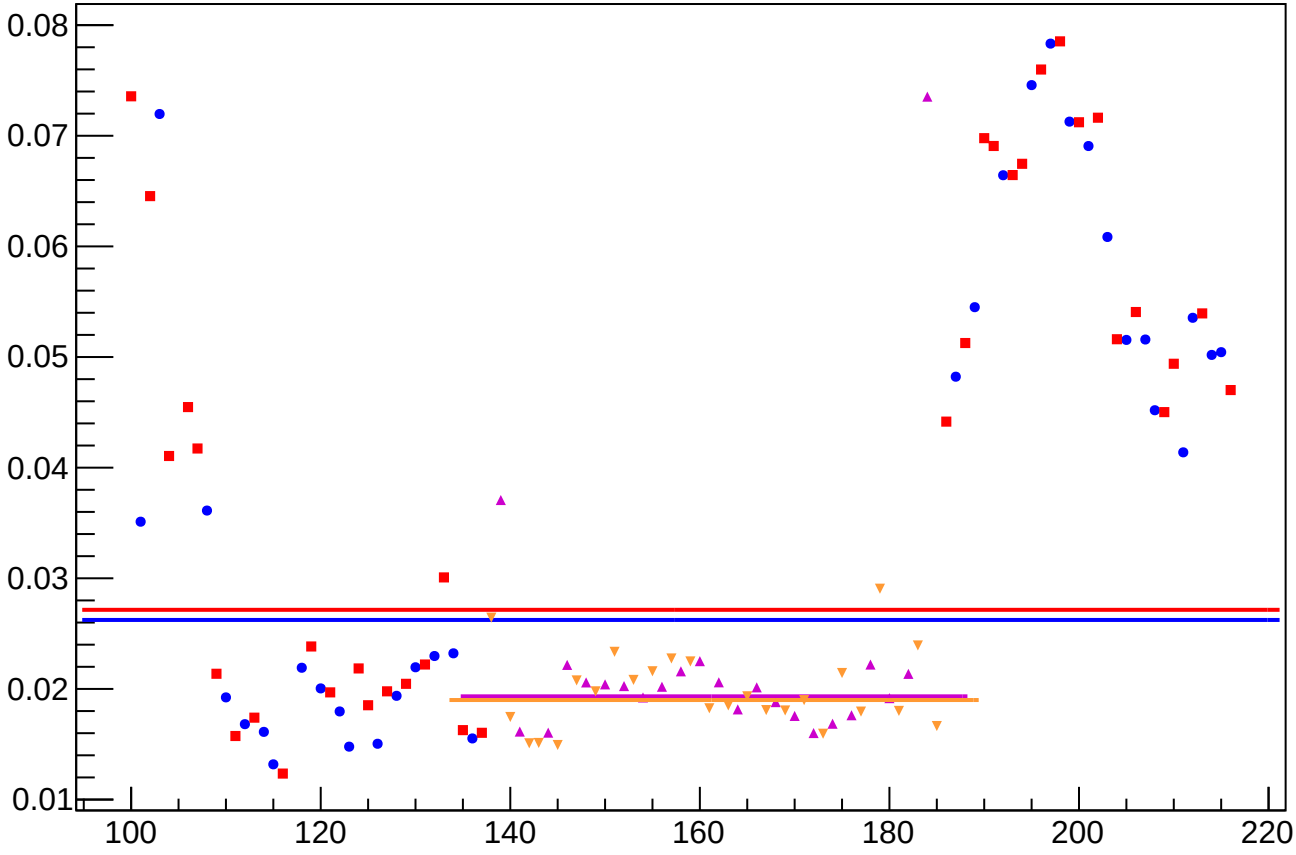
+ sign 0.013+/-0.000 χ^2/NDF: 3089506.7/56

All: 0.013+/-0.000 χ^2/NDF: 6513164.4/114

- sign 0.013+/-0.000 χ^2/NDF: 3416178.0/57


yield_bpm4ecX_mean vs Slug
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
100
120
140
160
180
200
220
Right In: -0.201+/-0.000 χ²/NDF: 153397460.0/31
Left Out: -0.054+/-0.000 χ²/NDF:167879648.0/24
Right Out: -0.215+/-0.000 χ²/NDF: 148872613.1/34
Left In: -0.045+/-0.000 χ²/NDF:127324000.1/22
+ sign -0.097+/-0.000 χ²/NDF: 580050566.6/56
All: -0.097+/-0.000 χ²/NDF: 1184436366.5/1
- sign -0.096+/-0.000 χ²/NDF: 604382863.0/57

yield_bpm4ecX_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF: 8728022.7/31

Left Out: 0.019+/-0.000 χ^2/NDF:699267.5/24

Right Out: 0.027+/-0.000 χ^2/NDF: 8942976.9/34

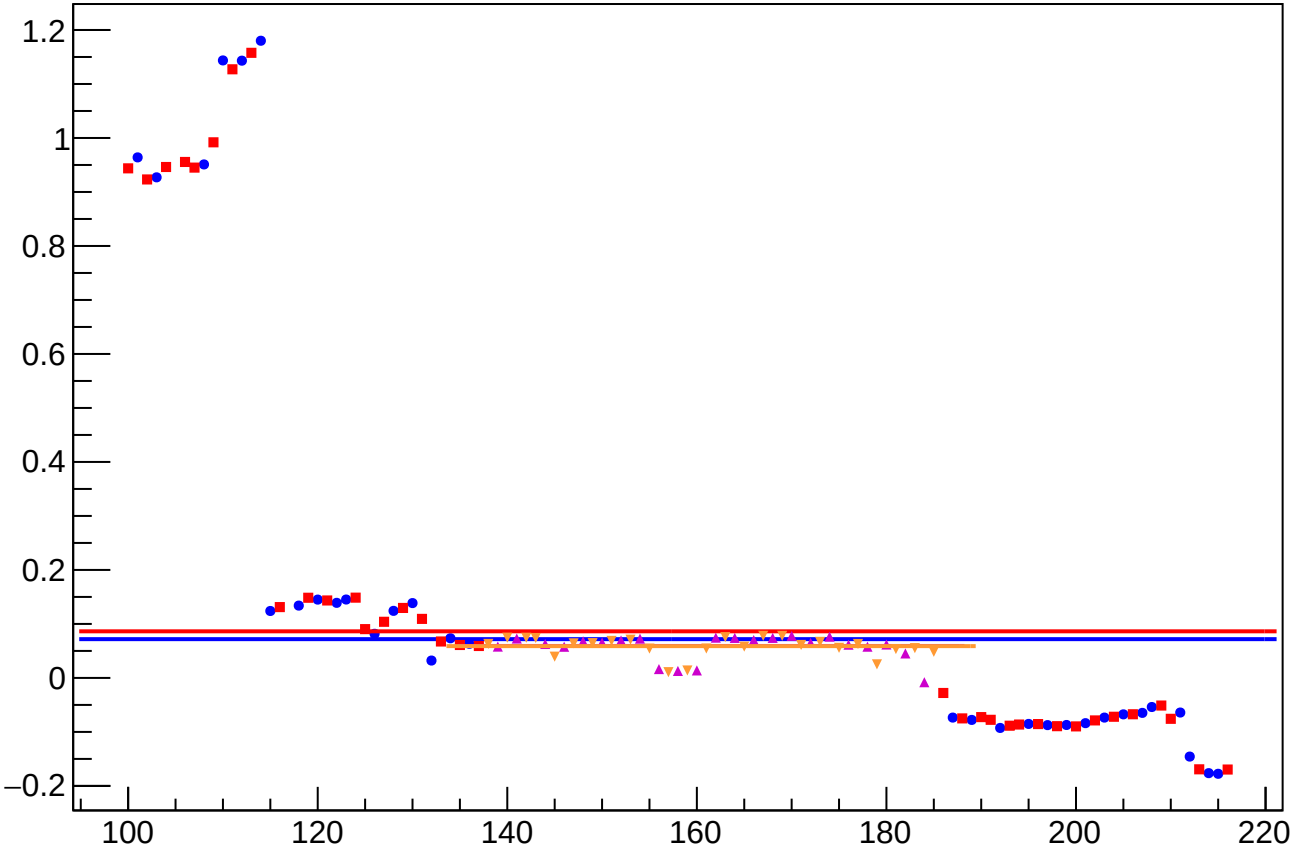
Left In: 0.019+/-0.000 χ^2/NDF:892810.7/22

+ sign 0.021+/-0.000 χ^2/NDF: 10670110.7/56

All: 0.021+/-0.000 χ^2/NDF: 21904036.4/114

- sign 0.022+/-0.000 χ^2/NDF: 11215220.3/57

yield_bpm4ecY_mean vs Slug



Right In: 0.072+/-0.000 χ^2/NDF: 8645117781.1/31

Left Out: 0.059+/-0.000 χ^2/NDF:46902918.4/24

Right Out: 0.086+/-0.000 χ^2/NDF: 9511650836.6/34

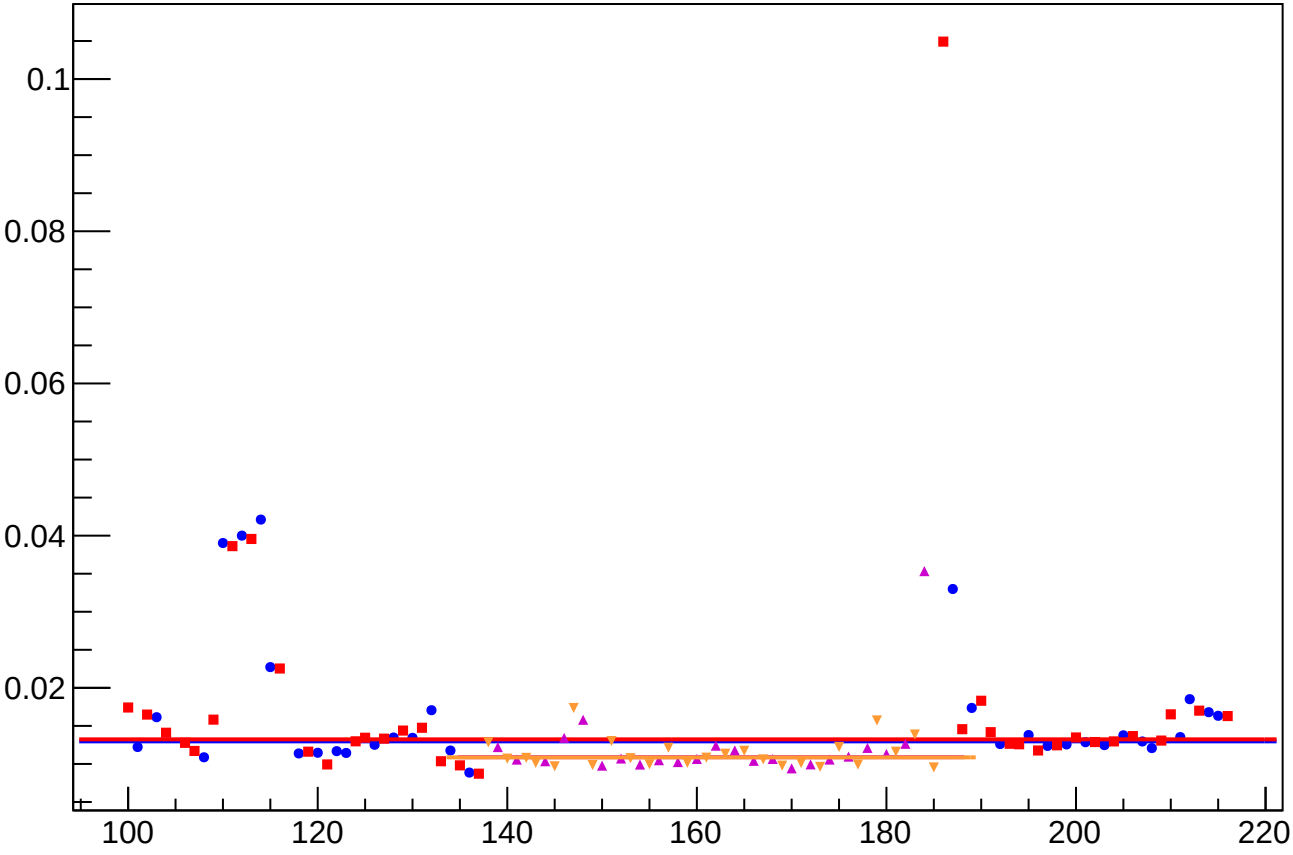
Left In: 0.059+/-0.000 χ^2/NDF:58640898.5/22

+ sign 0.064+/-0.000 χ^2/NDF: 8701452208.8/56

All: 0.067+/-0.000 χ^2/NDF: 18316143309.6/1

- sign 0.070+/-0.000 χ^2/NDF: 9610450938.8/57

yield_bpm4ecY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 1781931.2/31

Left Out: 0.011+/-0.000 χ^2/NDF:605519.3/24

Right Out: 0.013+/-0.000 χ^2/NDF: 2081127.7/34

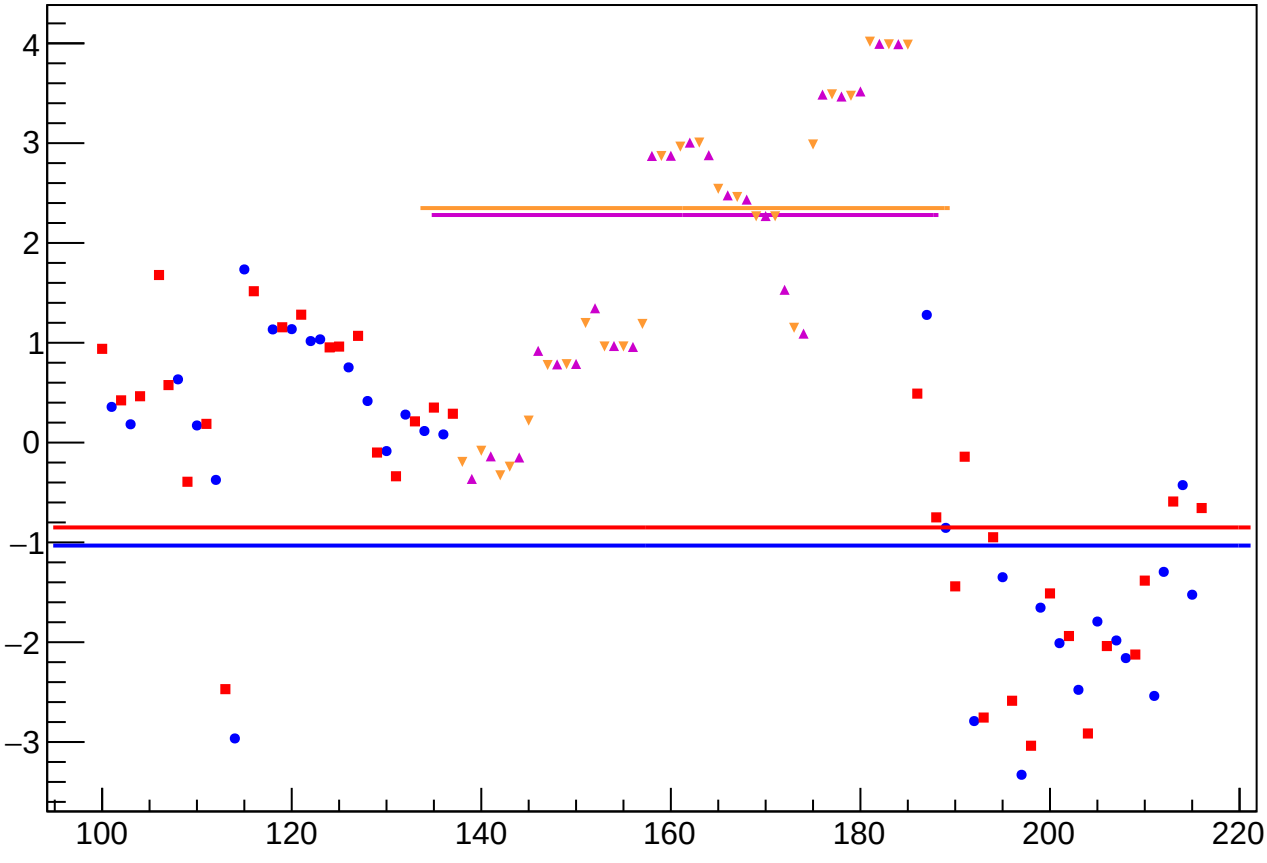
Left In: 0.011+/-0.000 χ^2/NDF:529867.3/22

+ sign 0.012+/-0.000 χ^2/NDF: 2888219.3/56

All: 0.012+/-0.000 χ^2/NDF: 6101430.6/114

- sign 0.012+/-0.000 χ^2/NDF: 3208942.8/57

yield_bpm1X_mean vs Slug



Right In: -1.032+/-0.000 χ^2/NDF: 7858838710.4/31

Left Out: 2.349+/-0.000 χ^2/NDF:63600066268.3/24

Right Out: -0.850+/-0.000 χ^2/NDF: 8183549294.9/34

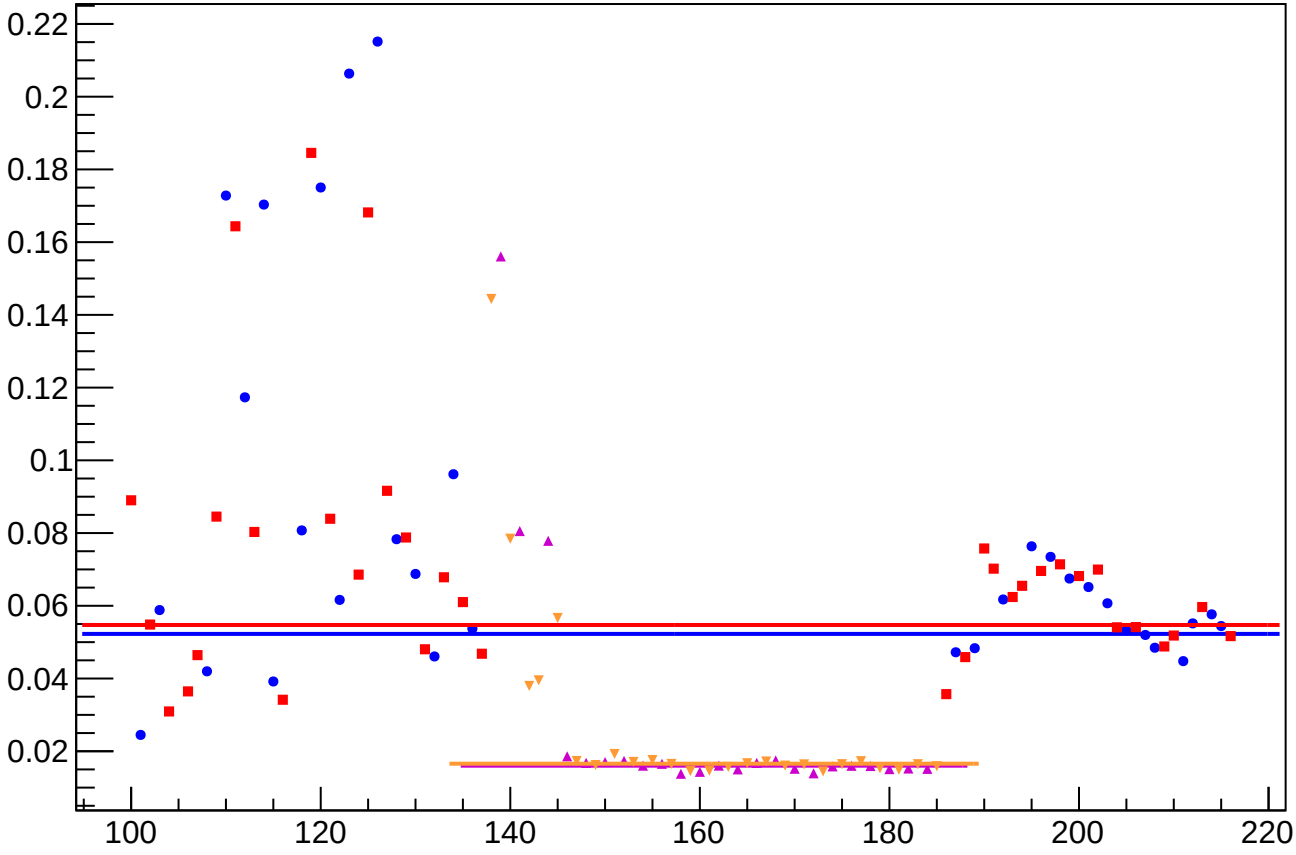
Left In: 2.280+/-0.000 χ^2/NDF:61444254541.3/22

+ sign 2.056+/-0.000 χ^2/NDF: 122168728292.9/56

All: 2.039+/-0.000 χ^2/NDF: 233921036319.2

- sign 2.023+/-0.000 χ^2/NDF: 111720516242.4/57

yield_bpm1X_rms vs Slug



Right In: 0.052+/-0.000 χ^2/NDF: 3525699.8/31

Left Out: 0.017+/-0.000 χ^2/NDF:2623615.6/24

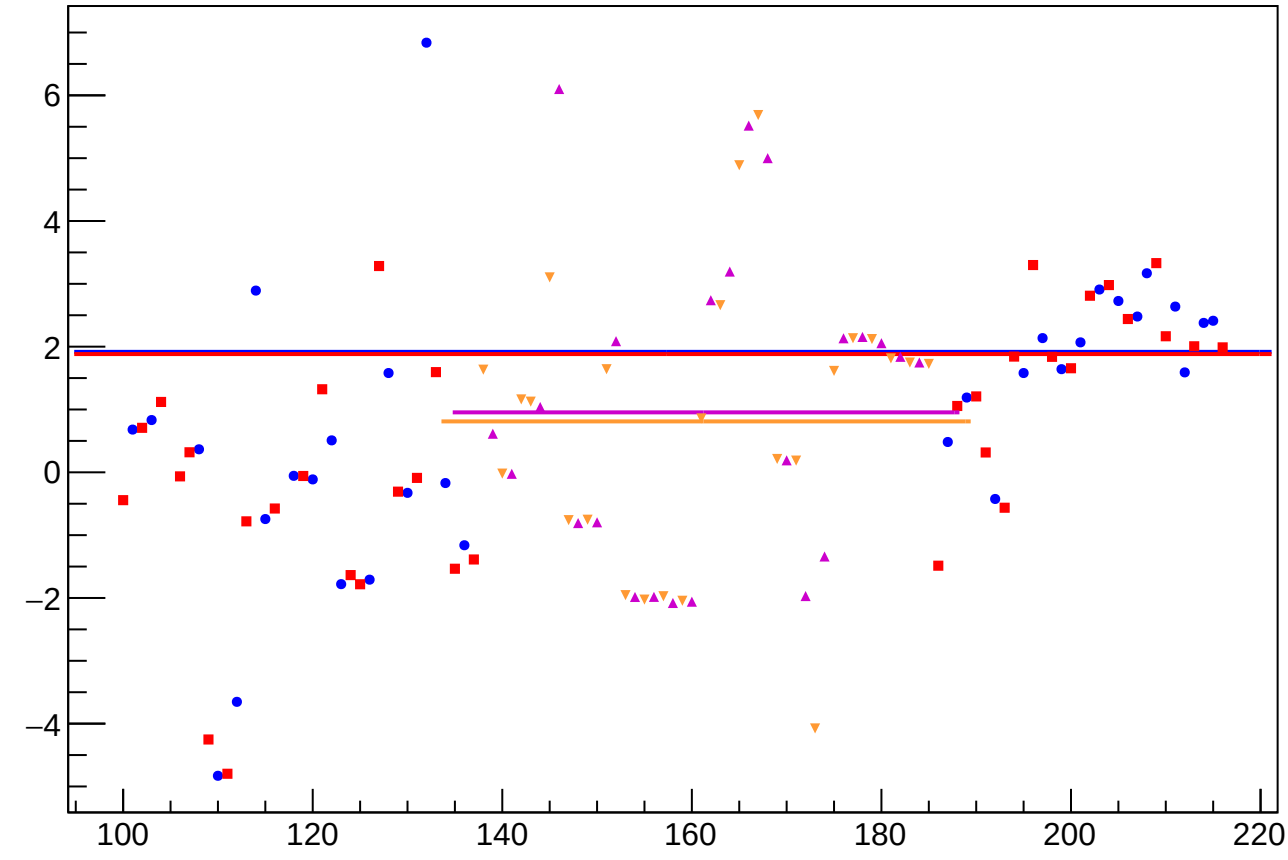
Right Out: 0.055+/-0.000 χ^2/NDF: 2878874.0/34

Left In: 0.016+/-0.000 χ^2/NDF:2463853.3/22

+ sign 0.020+/-0.000 χ^2/NDF: 17448926.9/56

All: 0.019+/-0.000 χ^2/NDF: 35665782.0/114

- sign 0.019+/-0.000 χ^2/NDF: 18204990.8/57



Right In: 1.917+/-0.000 χ^2/NDF: 39446560545.5/31

Left Out: 0.810+/-0.000 χ^2/NDF:507583198570.2/24

Right Out: 1.882+/-0.000 χ^2/NDF: 39553338359.4/34

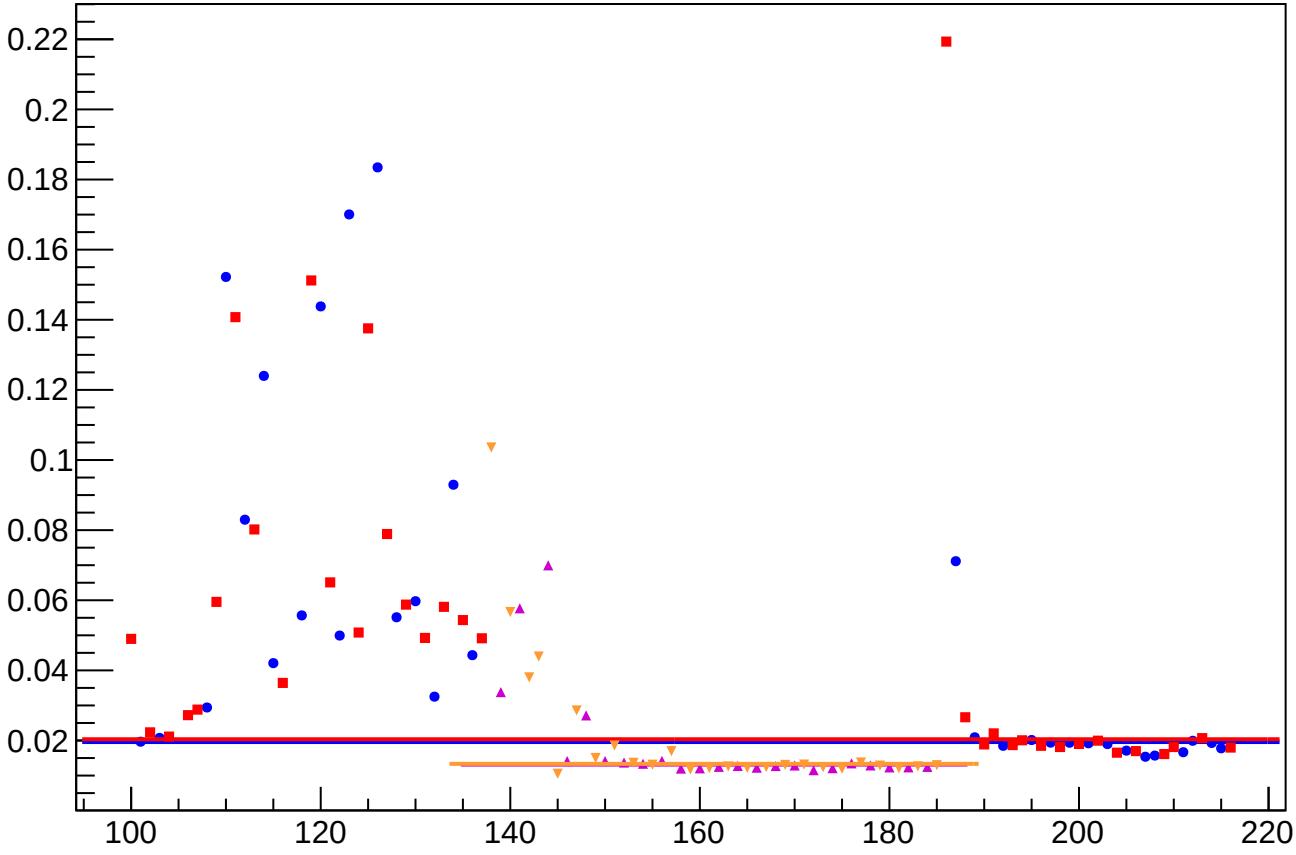
Left In: 0.954+/-0.000 χ^2/NDF:574792794608.3/22

+ sign 1.109+/-0.000 χ^2/NDF: 575151103054.0/56

All: 1.150+/-0.000 χ^2/NDF: 1208815990991.

- sign 1.192+/-0.000 χ^2/NDF: 633261465495.3/57

yield_bpm1Y_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF: 4126044.7/31

Left Out: 0.013+/-0.000 χ^2/NDF:2829070.5/24

Right Out: 0.020+/-0.000 χ^2/NDF: 5189635.7/34

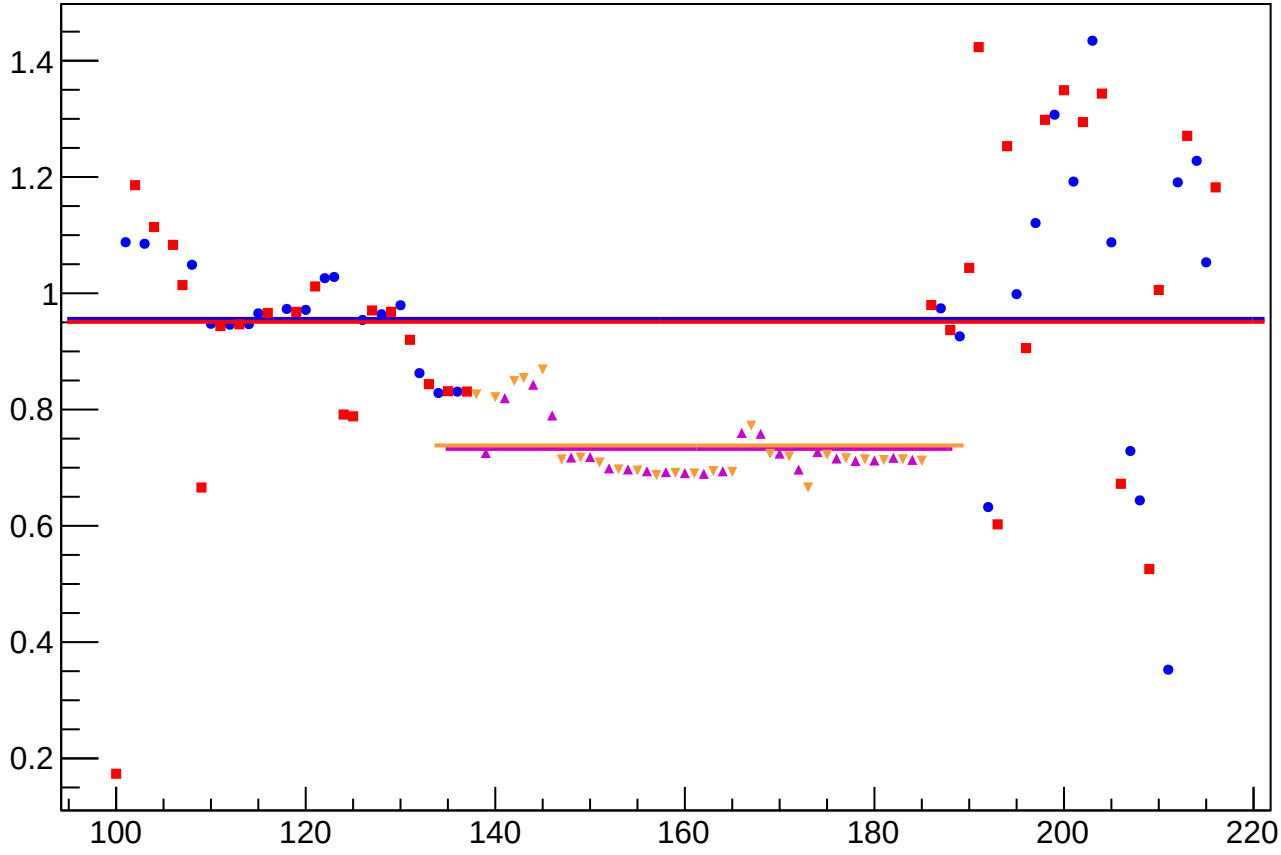
Left In: 0.013+/-0.000 χ^2/NDF:1968206.9/22

+ sign 0.015+/-0.000 χ^2/NDF: 8733988.0/56

All: 0.015+/-0.000 χ^2/NDF: 18185486.8/114

- sign 0.015+/-0.000 χ^2/NDF: 9451386.6/57

yield_bpm11X_mean vs Slug



Right In: 0.956+/-0.000 χ^2/NDF: 977256106.4/31

Left Out: 0.738+/-0.000 χ^2/NDF:310610047.7/24

Right Out: 0.951+/-0.000 χ^2/NDF: 1238216594.5/34

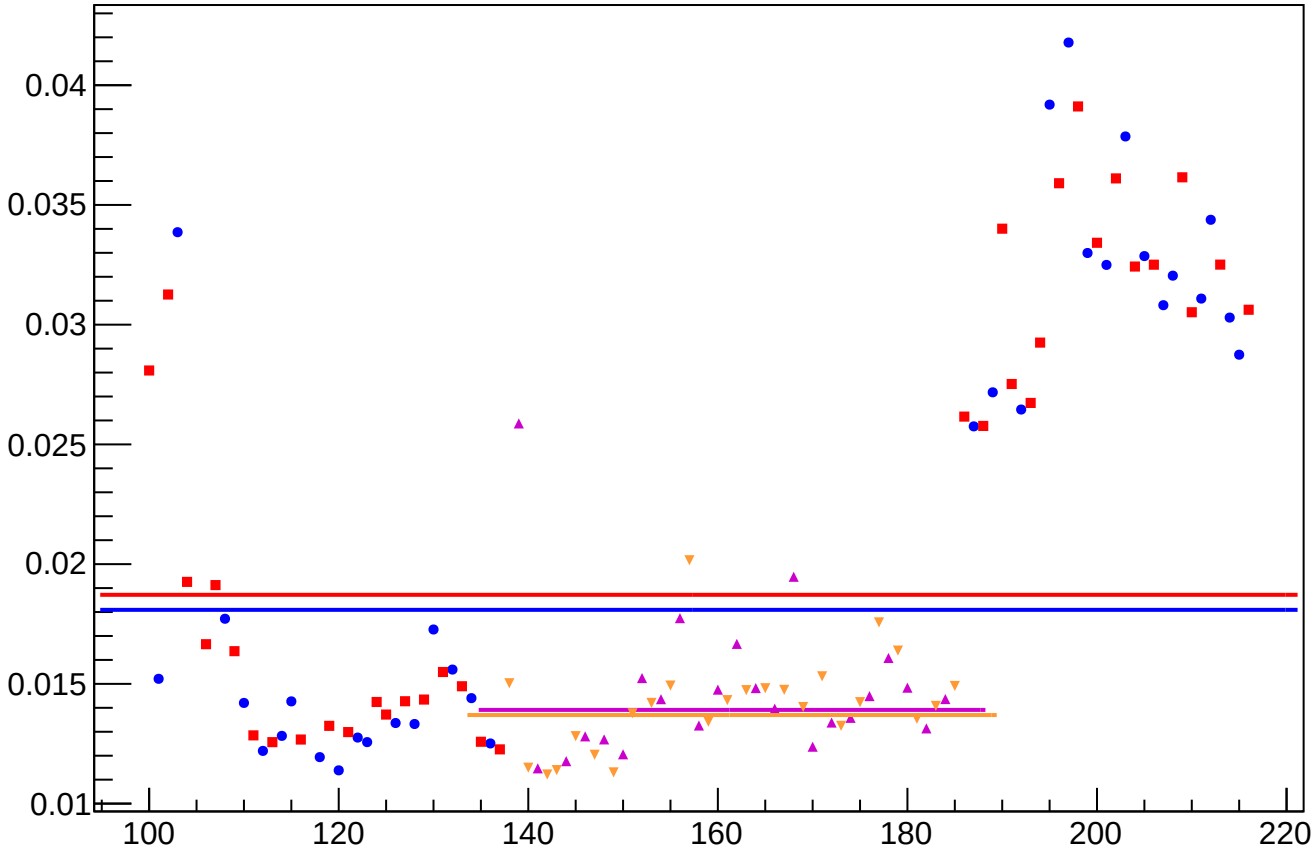
Left In: 0.732+/-0.000 χ^2/NDF:170806298.1/22

+ sign 0.807+/-0.000 χ^2/NDF: 2582189518.1/56

All: 0.806+/-0.000 χ^2/NDF: 5258760988.2/11

- sign 0.804+/-0.000 χ^2/NDF: 2676170262.5/57

yield_bpm11X_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF: 5554809.0/31

Left Out: 0.014+/-0.000 χ^2/NDF:530851.9/24

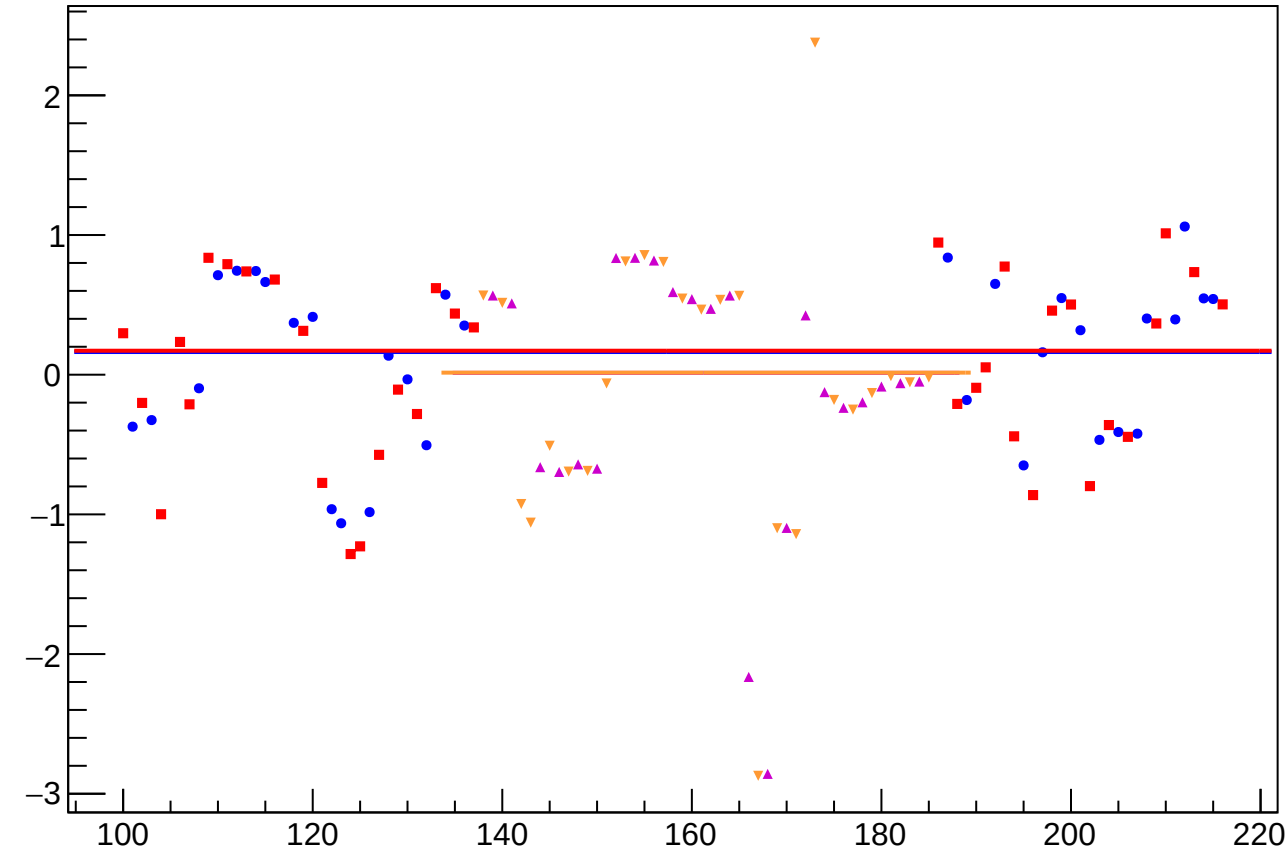
Right Out: 0.019+/-0.000 χ^2/NDF: 4993612.0/34

Left In: 0.014+/-0.000 χ^2/NDF:794558.0/22

+ sign 0.015+/-0.000 χ^2/NDF: 7140136.1/56

All: 0.015+/-0.000 χ^2/NDF: 14173919.6/114

- sign 0.015+/-0.000 χ^2/NDF: 7012875.8/57



Right In: 0.162+/-0.000 χ^2/NDF: 30766503655.7/31

Left Out: 0.015+/-0.000 χ^2/NDF:96087835995.8/24

Right Out: 0.172+/-0.000 χ^2/NDF: 41539607285.9/34

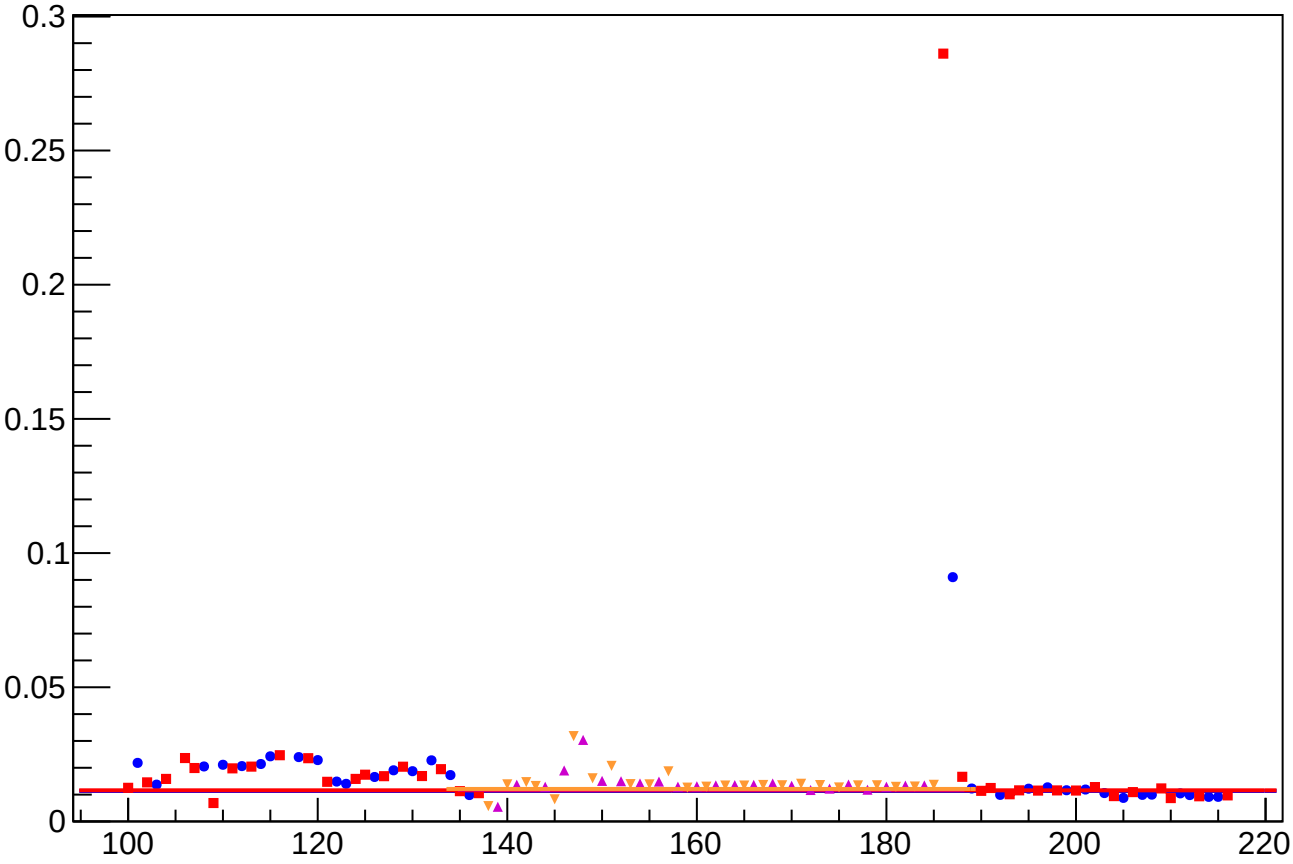
Left In: 0.013+/-0.000 χ^2/NDF:79445696658.6/22

+ sign 0.089+/-0.000 χ^2/NDF: 128059463084.1/56

All: 0.091+/-0.000 χ^2/NDF: 250397372821.1

- sign 0.093+/-0.000 χ^2/NDF: 122336383773.4/57

yield_bpm11Y_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 2576571.8/31

Left Out: 0.012+/-0.000 χ^2/NDF:3107648.9/24

Right Out: 0.012+/-0.000 χ^2/NDF: 3021882.0/34

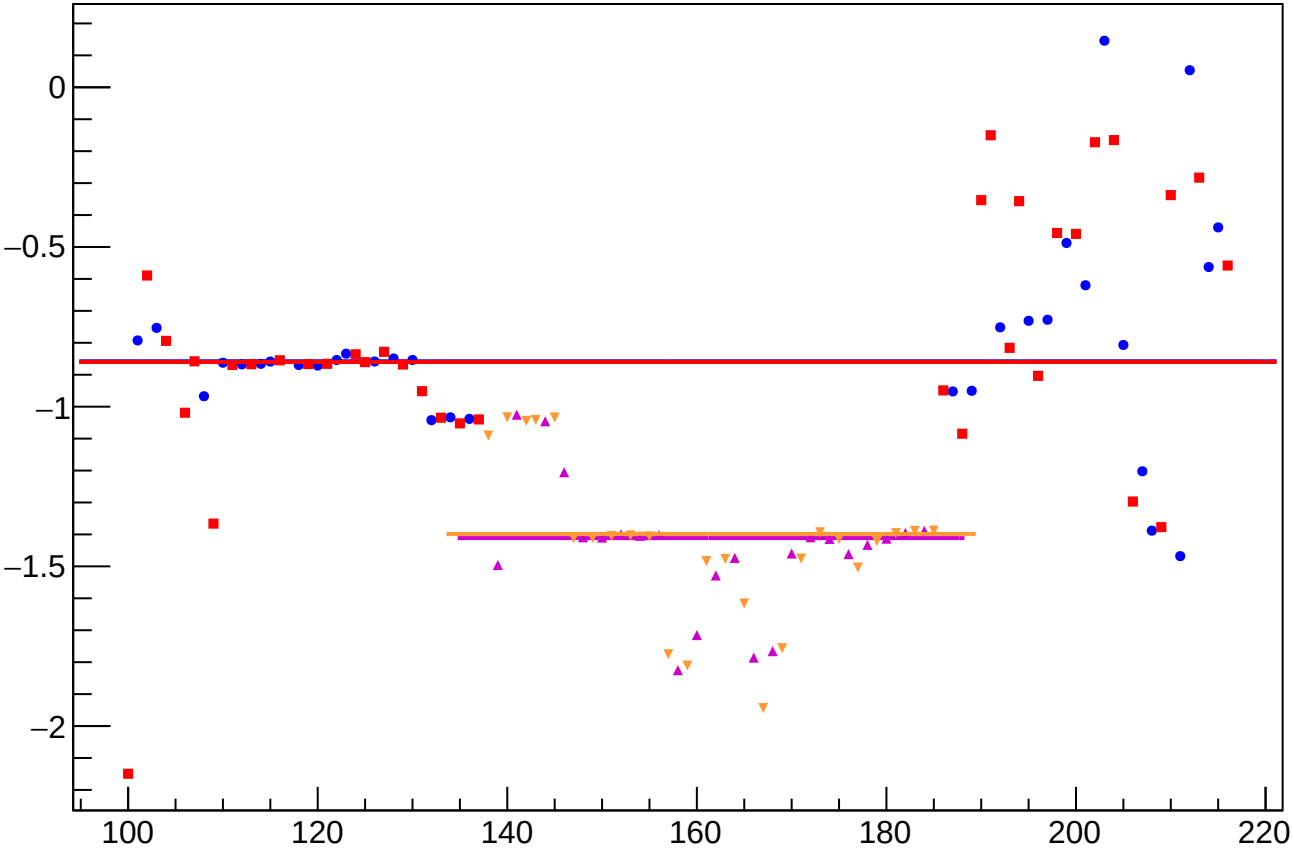
Left In: 0.012+/-0.000 χ^2/NDF:3105948.8/22

+ sign 0.012+/-0.000 χ^2/NDF: 5747874.4/56

All: 0.012+/-0.000 χ^2/NDF: 11887327.5/114

- sign 0.012+/-0.000 χ^2/NDF: 6139245.9/57

yield_bpm12X_mean vs Slug



Right In: -0.858+/-0.000 χ^2/NDF: 371211910.0/31

Left Out: -1.398+/-0.000 χ^2/NDF:734579404.3/24

Right Out: -0.860+/-0.000 χ^2/NDF: 493043745.3/34

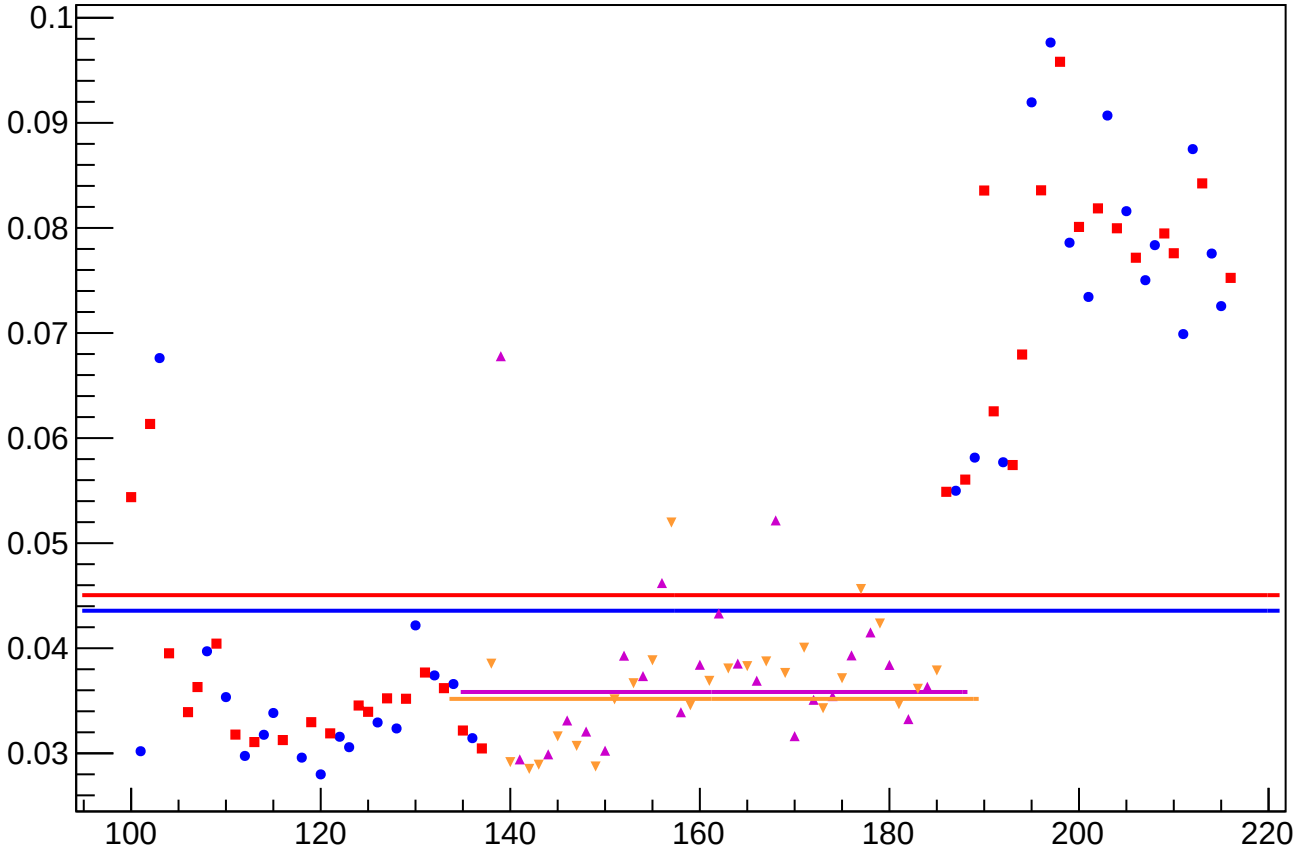
Left In: -1.412+/-0.000 χ^2/NDF:512629872.4/22

+ sign -1.209+/-0.000 χ^2/NDF: 2438440120.5/56

All: -1.209+/-0.000 χ^2/NDF: 4782778133.8/1

- sign -1.209+/-0.000 χ^2/NDF: 2344337602.5/57

yield_bpm12X_rms vs Slug



Right In: 0.044+/-0.000 χ^2/NDF: 5364582.0/31

Left Out: 0.035+/-0.000 χ^2/NDF:597886.0/24

Right Out: 0.045+/-0.000 χ^2/NDF: 4566079.3/34

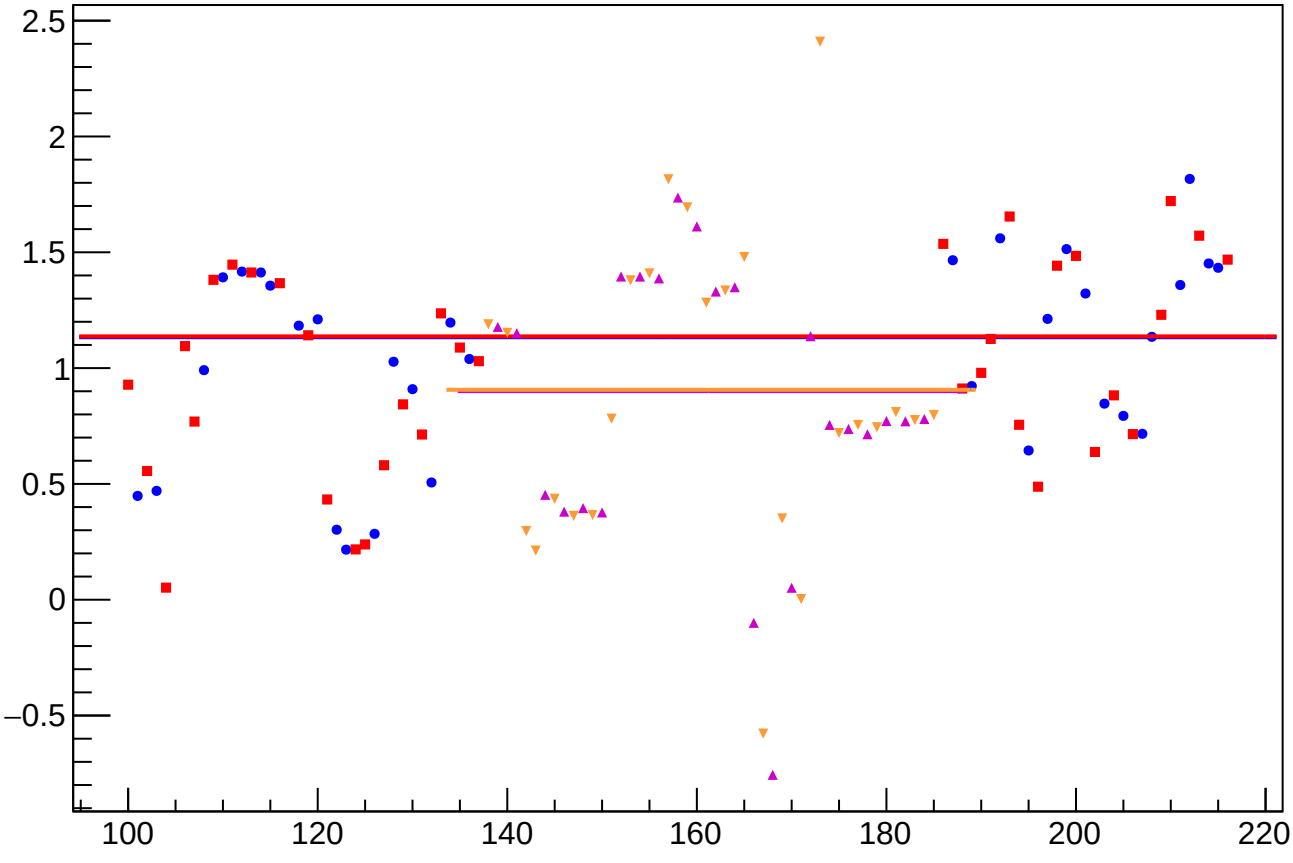
Left In: 0.036+/-0.000 χ^2/NDF:890993.5/22

+ sign 0.038+/-0.000 χ^2/NDF: 6604486.8/56

All: 0.039+/-0.000 χ^2/NDF: 12832734.3/114

- sign 0.039+/-0.000 χ^2/NDF: 6204805.4/57

yield_bpm12Y_mean vs Slug



Right In: 1.133+/-0.000 χ^2/NDF: 42329127127.1/31

Left Out: 0.906+/-0.000 χ^2/NDF:84108410196.2/24

Right Out: 1.137+/-0.000 χ^2/NDF: 46227677031.5/34

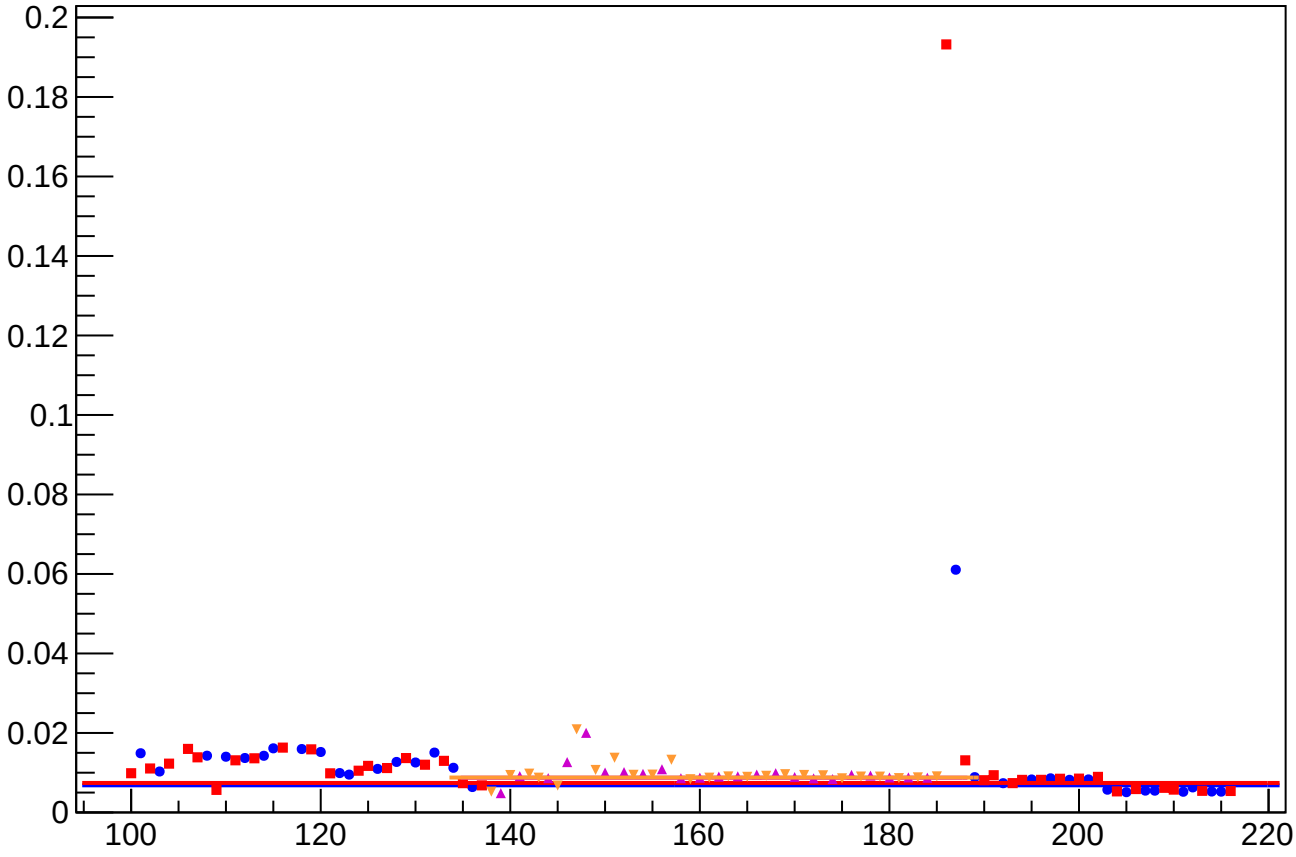
Left In: 0.901+/-0.000 χ^2/NDF:66932223067.8/22

+ sign 1.039+/-0.000 χ^2/NDF: 133018981423.5/56

All: 1.036+/-0.000 χ^2/NDF: 252695590721.0

- sign 1.033+/-0.000 χ^2/NDF: 119668442767.3/57

yield_bpm12Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 3702213.5/31

Left Out: 0.009+/-0.000 χ^2/NDF:1698526.2/24

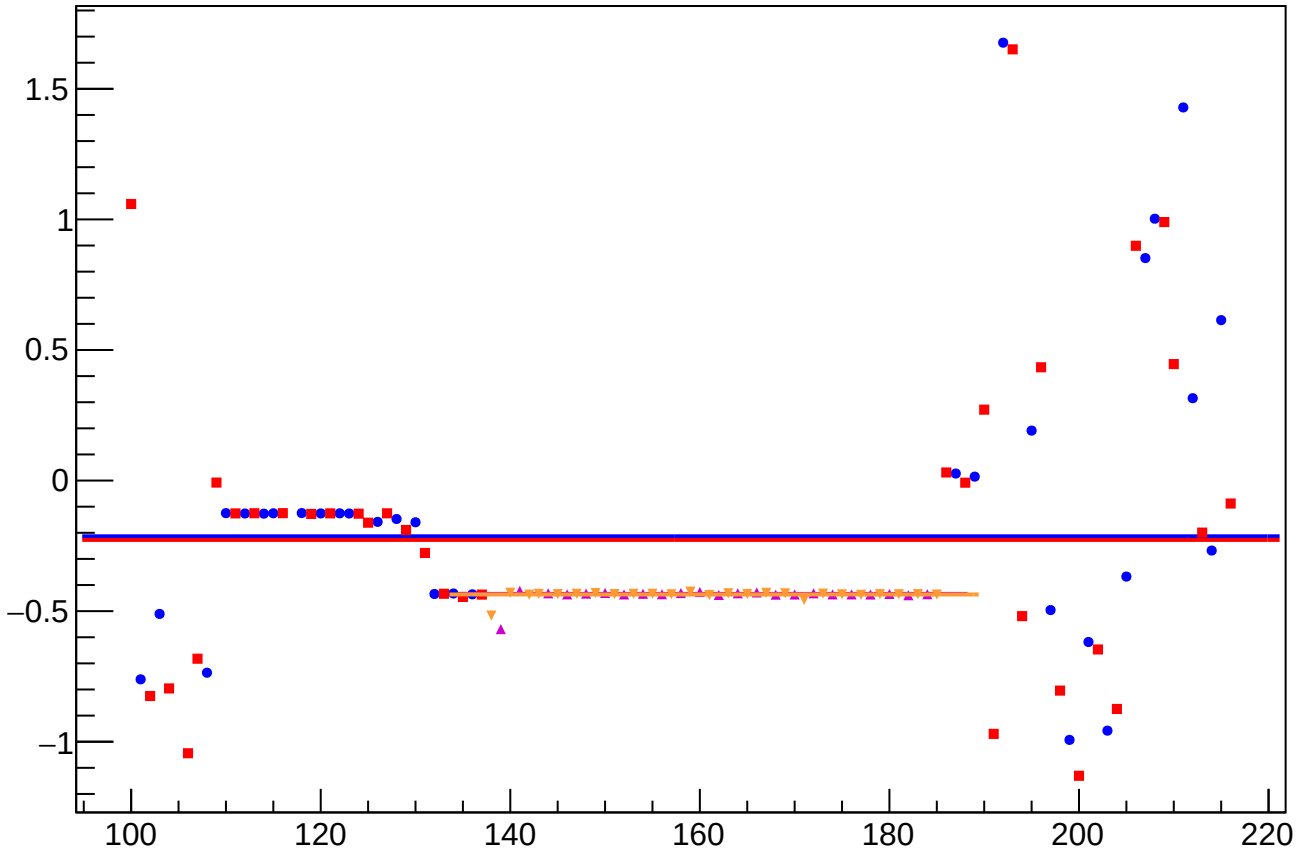
Right Out: 0.007+/-0.000 χ^2/NDF: 3875672.6/34

Left In: 0.009+/-0.000 χ^2/NDF:1669983.7/22

+ sign 0.008+/-0.000 χ^2/NDF: 6377299.4/56

All: 0.008+/-0.000 χ^2/NDF: 12388144.5/114

- sign 0.008+/-0.000 χ^2/NDF: 5947791.4/57



Right In: -0.213+/-0.000 χ^2/NDF: 4979571062.4/31

Left Out: -0.436+/-0.000 χ^2/NDF:28776503.9/24

Right Out: -0.227+/-0.000 χ^2/NDF: 3421119675.0/34

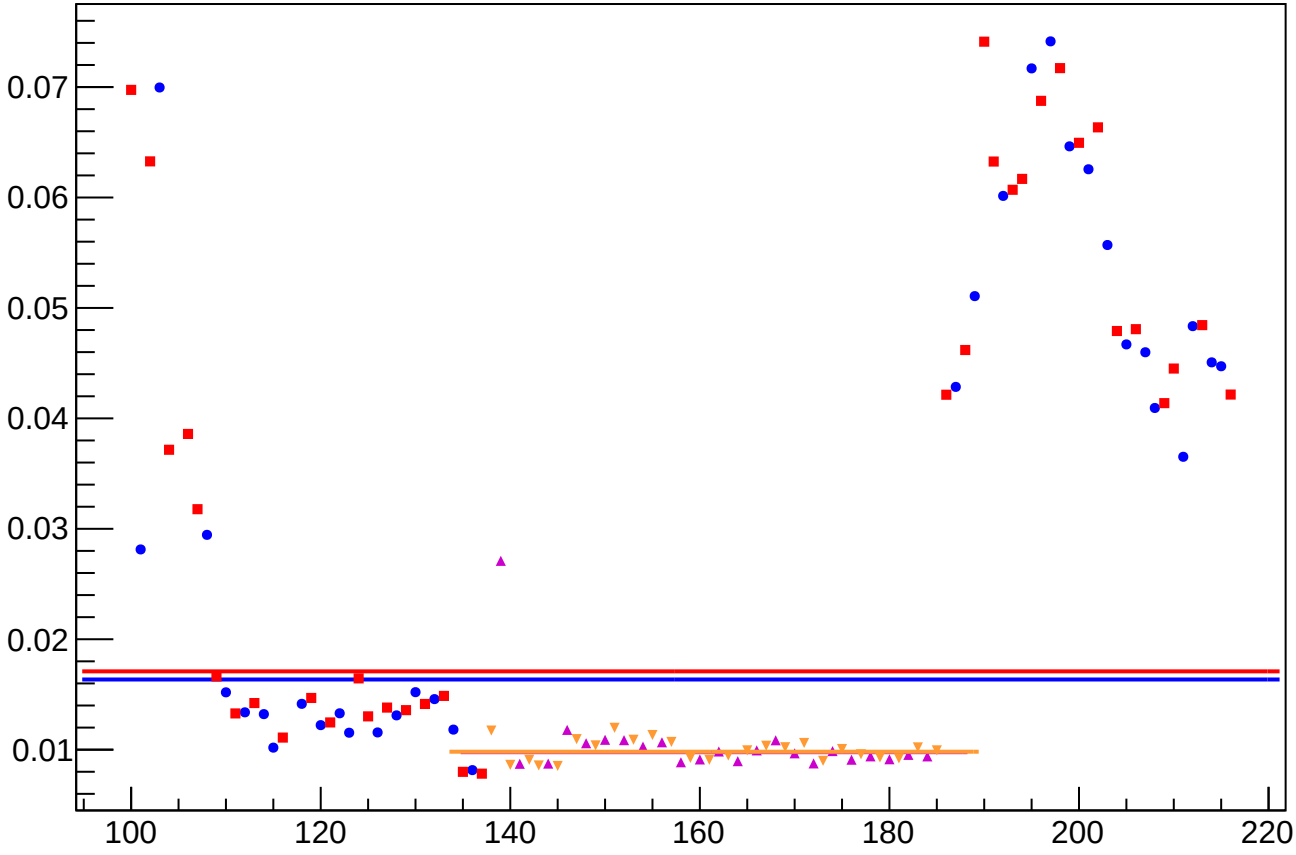
Left In: -0.434+/-0.000 χ^2/NDF:20164730.3/22

+ sign -0.396+/-0.000 χ^2/NDF: 6454899953.5/56

All: -0.397+/-0.000 χ^2/NDF: 11073109062.4/

- sign -0.397+/-0.000 χ^2/NDF: 4618171419.4/57

yield_bpm16X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF: 12480547.0/31

Left Out: 0.010+/-0.000 χ^2/NDF:271172.3/24

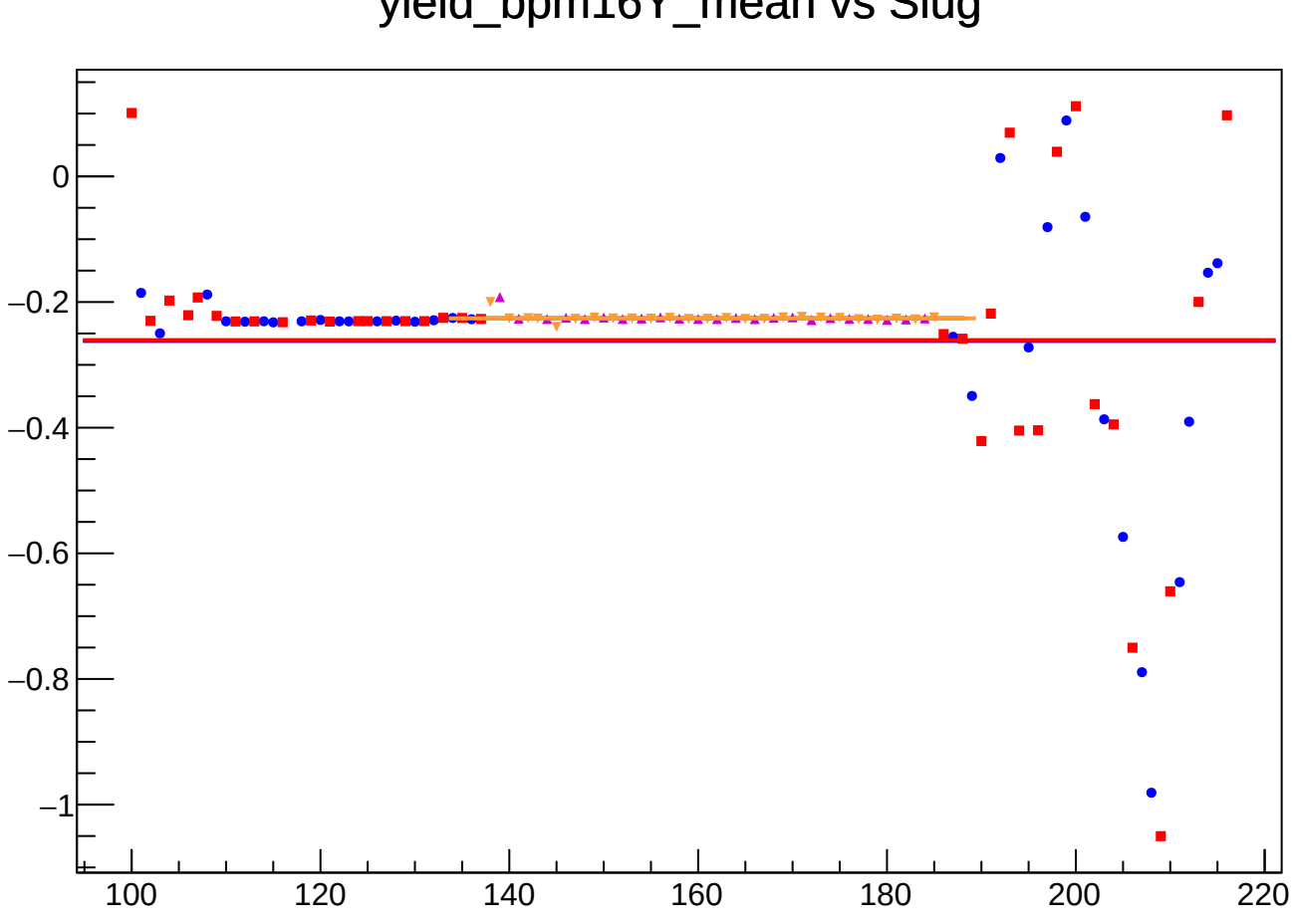
Right Out: 0.017+/-0.000 χ^2/NDF: 12728279.1/34

Left In: 0.010+/-0.000 χ^2/NDF:786577.8/22

+ sign 0.011+/-0.000 χ^2/NDF: 15245199.3/56

All: 0.011+/-0.000 χ^2/NDF: 31711531.6/114

- sign 0.011+/-0.000 χ^2/NDF: 16464453.6/57



Right In: -0.262+/-0.000 χ^2/NDF: 25220385016.5/31

Left Out: -0.226+/-0.000 χ^2/NDF:21207366.3/24

Right Out: -0.261+/-0.000 χ^2/NDF: 26601641134.9/34

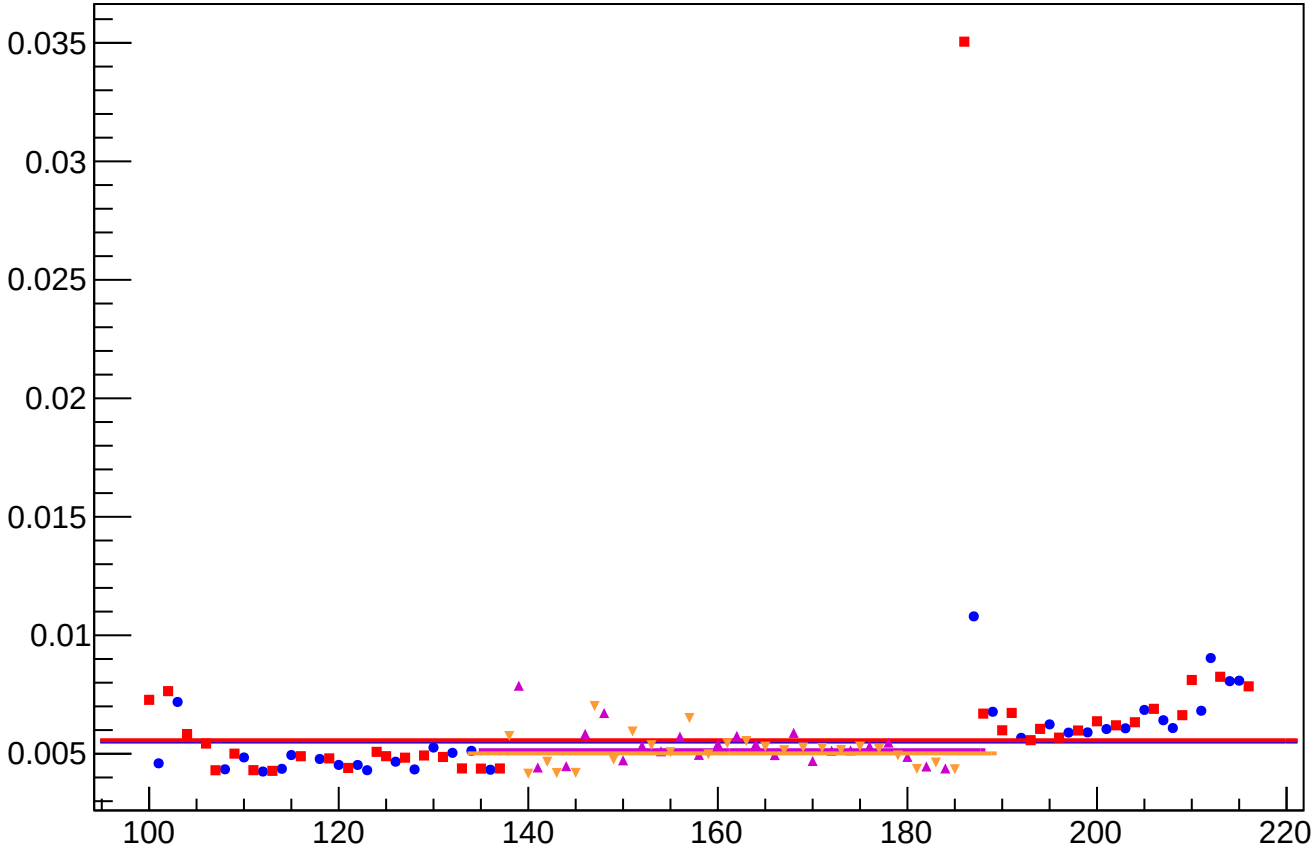
Left In: -0.226+/-0.000 χ^2/NDF:13717302.5/22

+ sign -0.241+/-0.000 χ^2/NDF: 25618852411.6/56

All: -0.241+/-0.000 χ^2/NDF: 52577192353.2/

- sign -0.242+/-0.000 χ^2/NDF: 26958298024.2/57

yield_bpm16Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 1356487.8/31

Left Out: 0.005+/-0.000 χ^2/NDF:532623.0/24

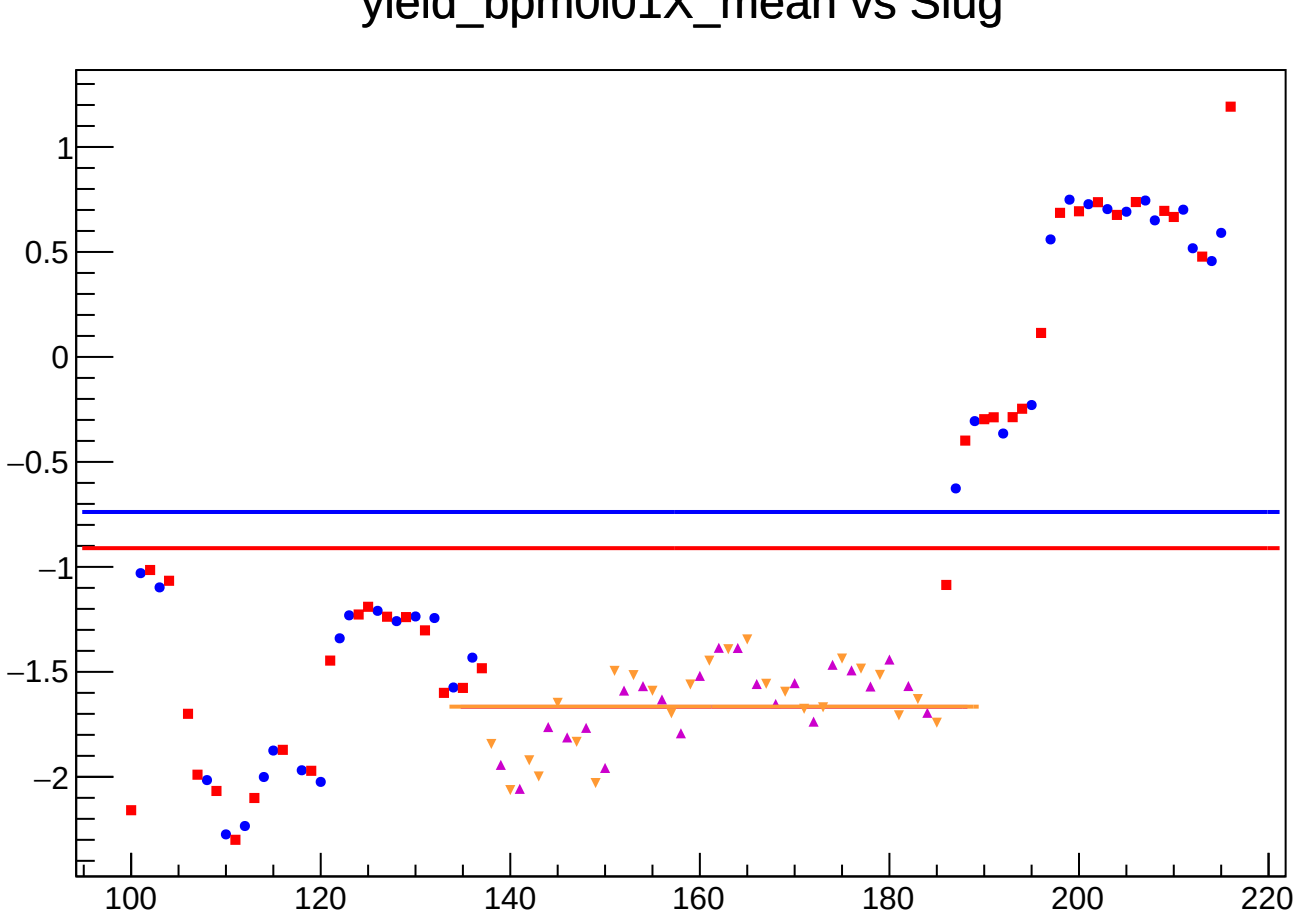
Right Out: 0.006+/-0.000 χ^2/NDF: 1719725.9/34

Left In: 0.005+/-0.000 χ^2/NDF:504040.6/22

+ sign 0.005+/-0.000 χ^2/NDF: 2035154.6/56

All: 0.005+/-0.000 χ^2/NDF: 4373120.5/114

- sign 0.005+/-0.000 χ^2/NDF: 2323429.9/57



Right In: -0.739+/-0.000 χ^2/NDF: 238933110637.0/31

Left Out: -1.666+/-0.000 χ^2/NDF:18368038680.8/24

Right Out: -0.911+/-0.000 χ^2/NDF: 270699157918.7/34

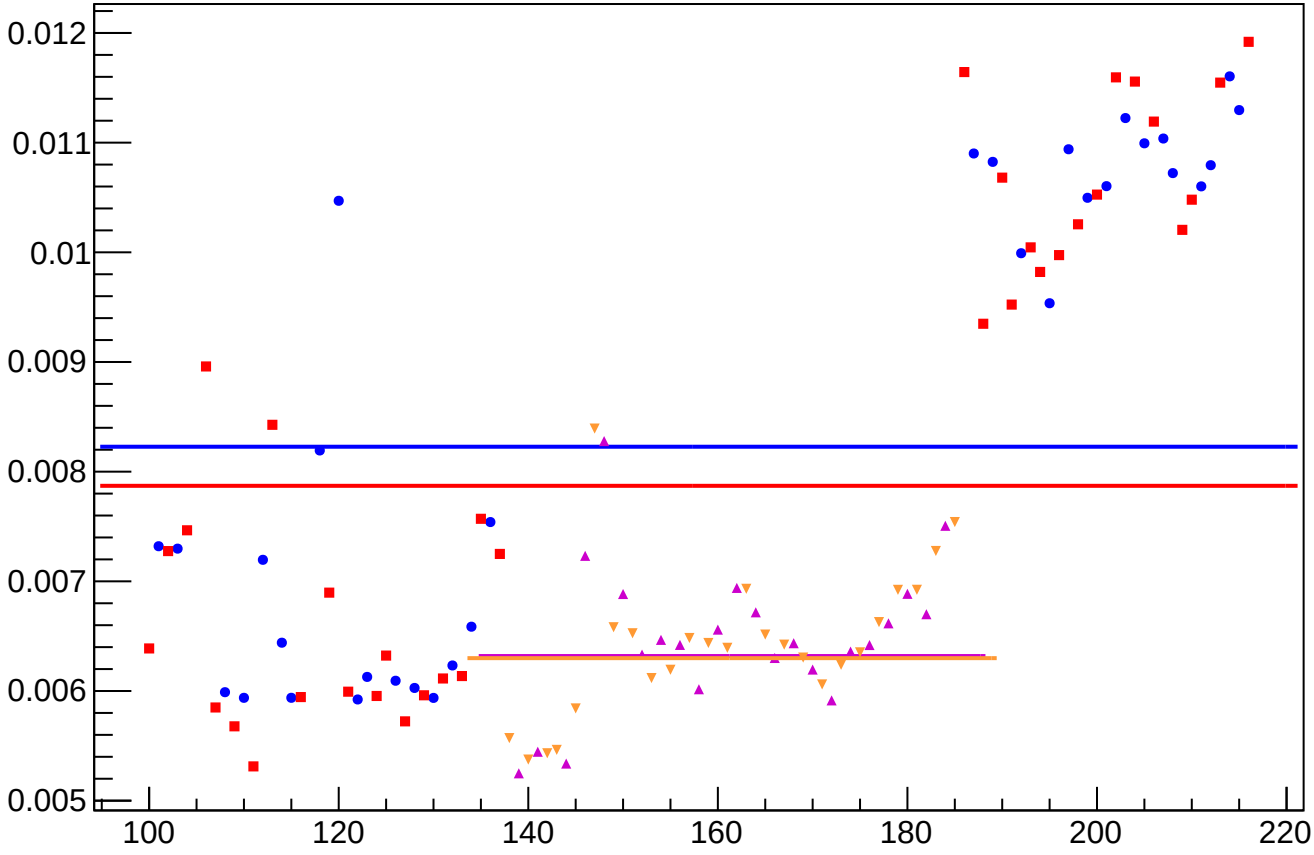
Left In: -1.667+/-0.000 χ^2/NDF:14615453869.3/22

+ sign -1.349+/-0.000 χ^2/NDF: 386943043484.7/56

All: -1.363+/-0.000 χ^2/NDF: 763463790070.1

- sign -1.376+/-0.000 χ^2/NDF: 376274622051.0/57

yield_bpm0l01X_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 2072333.8/31

Left Out: 0.006+/-0.000 χ^2/NDF:312811.2/24

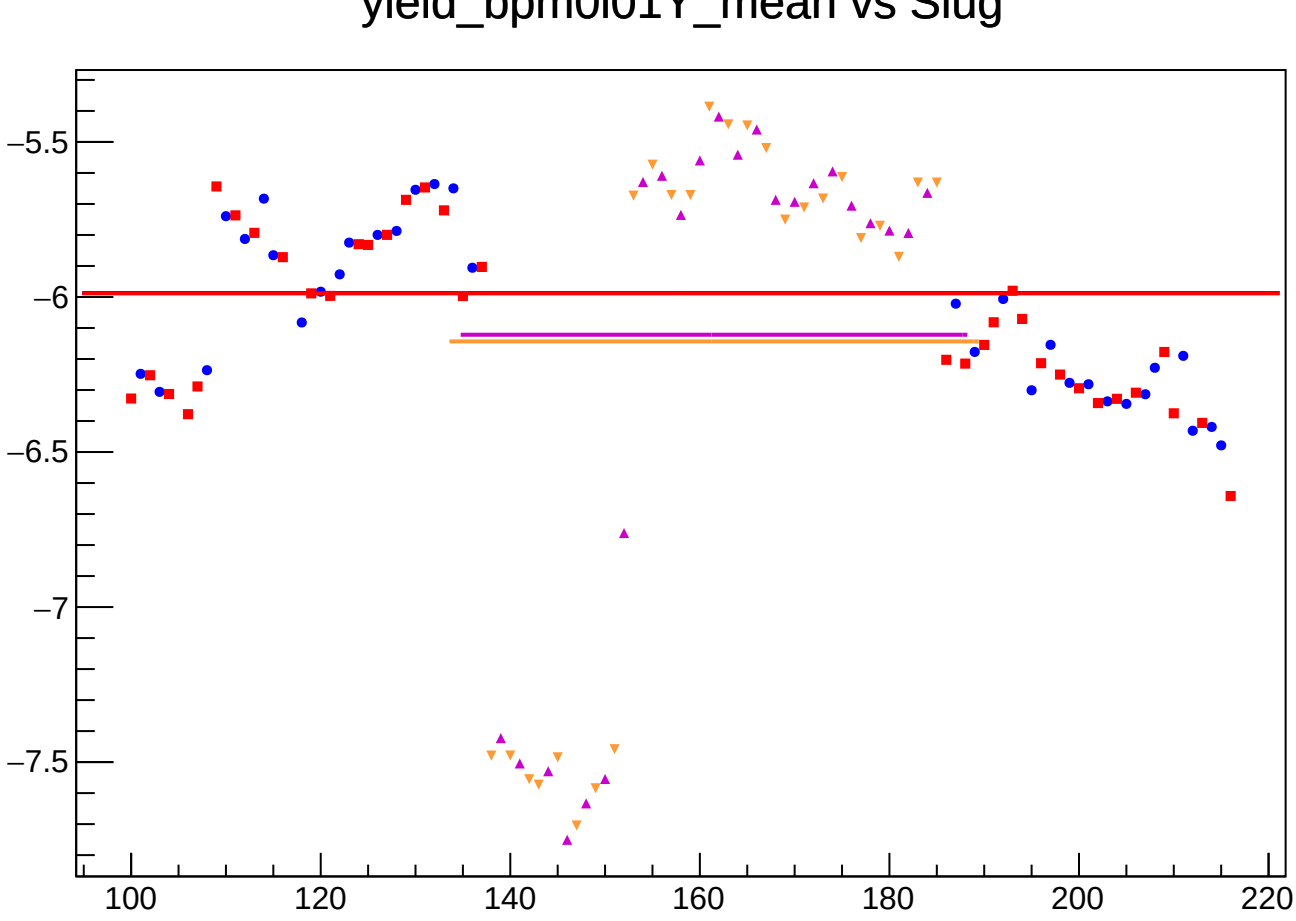
Right Out: 0.008+/-0.000 χ^2/NDF: 2403365.7/34

Left In: 0.006+/-0.000 χ^2/NDF:334332.4/22

+ sign 0.007+/-0.000 χ^2/NDF: 3506202.1/56

All: 0.007+/-0.000 χ^2/NDF: 7011667.5/114

- sign 0.007+/-0.000 χ^2/NDF: 3504273.8/57



Right In: -5.987+/-0.000 χ^2/NDF: 17542912306.5/31

Left Out: -6.143+/-0.000 χ^2/NDF:185721259239.3/24

Right Out: -5.988+/-0.000 χ^2/NDF: 19126998201.7/34

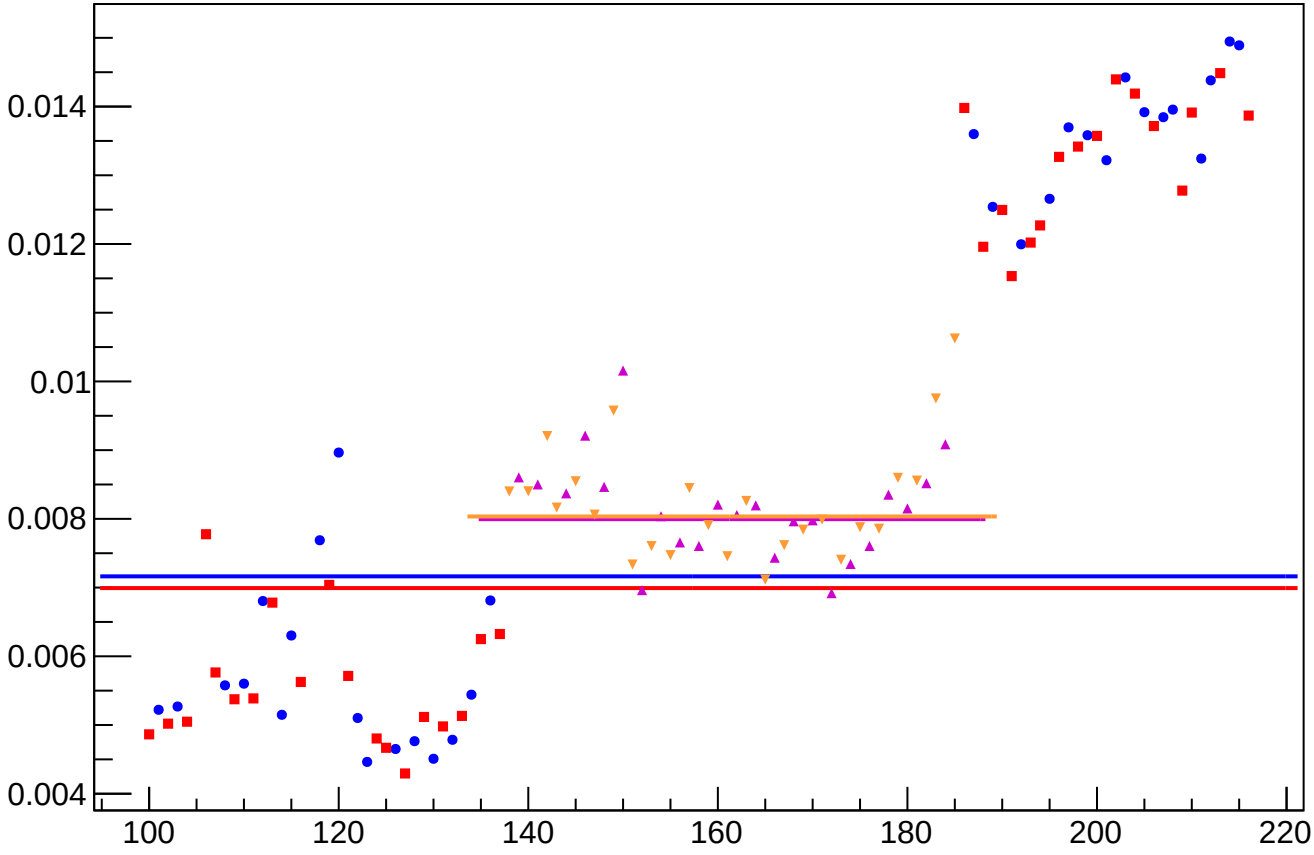
Left In: -6.122+/-0.000 χ^2/NDF:159909473006.6/22

+ sign -6.065+/-0.000 χ^2/NDF: 206400416412.1/56

All: -6.058+/-0.000 χ^2/NDF: 387851427774.6

- sign -6.051+/-0.000 χ^2/NDF: 181395723056.7/57

yield_bpm0l01Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 6269183.9/31

Left Out: 0.008+/-0.000 χ^2/NDF:205976.0/24

Right Out: 0.007+/-0.000 χ^2/NDF: 6108900.4/34

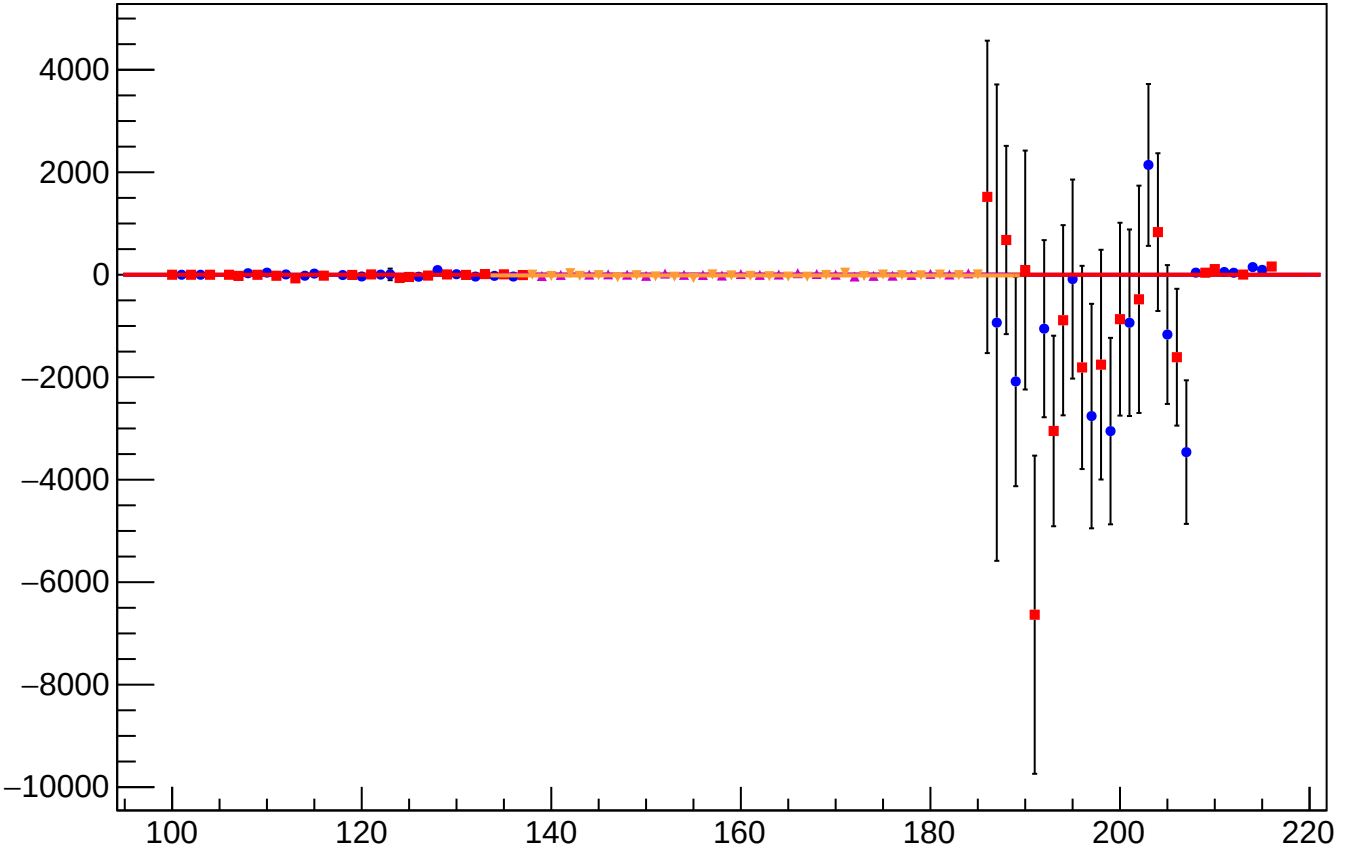
Left In: 0.008+/-0.000 χ^2/NDF:220203.0/22

+ sign 0.008+/-0.000 χ^2/NDF: 6670637.2/56

All: 0.008+/-0.000 χ^2/NDF: 13276128.6/114

- sign 0.007+/-0.000 χ^2/NDF: 6595667.7/57

diff_cav4bX_mean vs Slug



Right In: 0.013+/-0.017 χ^2/NDF: 46.8/31

Left Out: -13.472+/-2.796 χ^2/NDF:58.5/24

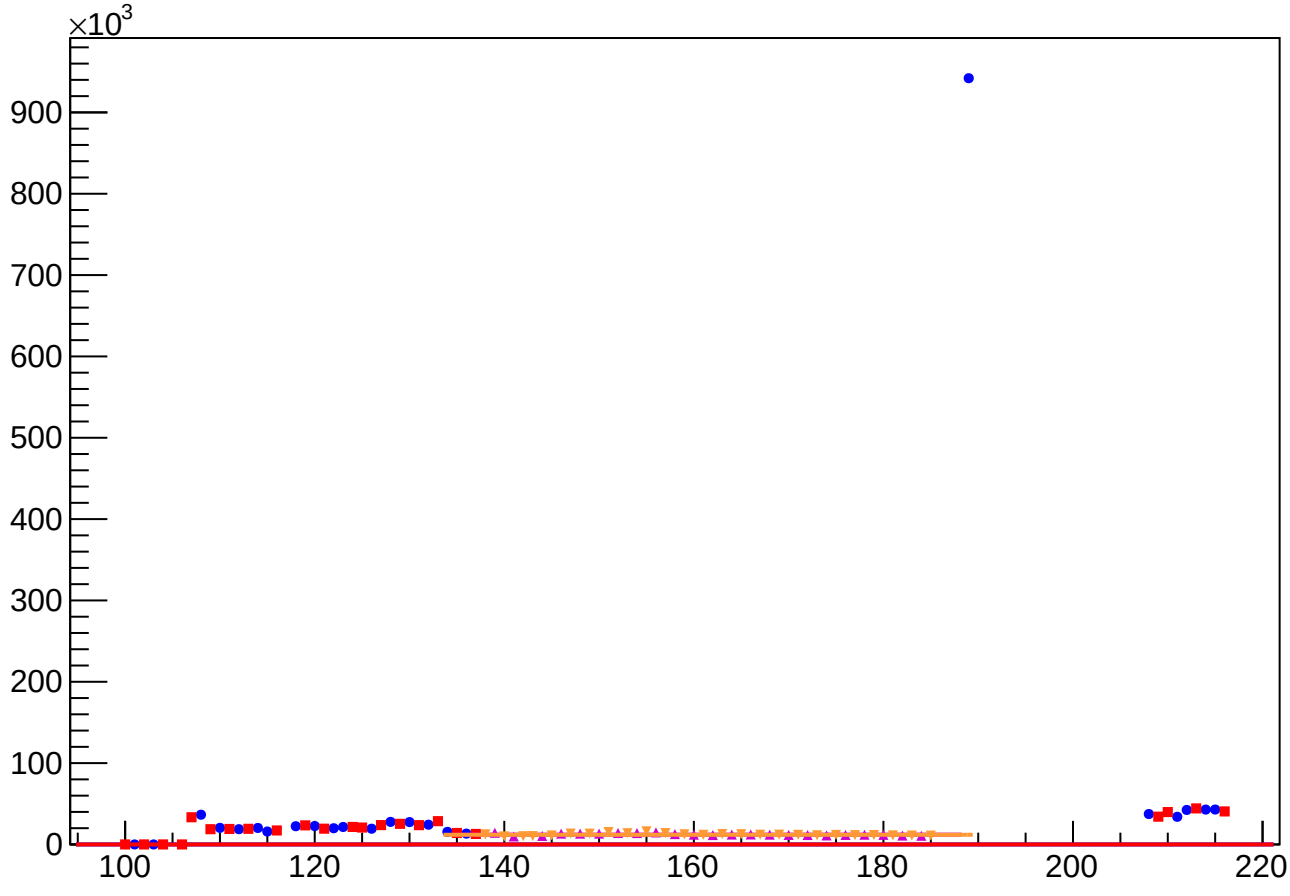
Right Out: 0.003+/-0.016 χ^2/NDF: 42.9/34

Left In: -0.489+/-2.905 χ^2/NDF:28.7/22

\+ sign 0.013+/-0.017 χ^2/NDF: 128.6/56

All: 0.008+/-0.012 χ^2/NDF: 200.4/114

\- sign 0.003+/-0.016 χ^2/NDF: 71.6/57



Right In: 18.667+/-0.012 χ^2/NDF: 18016290.7/22

Left Out: 11909.835+/-1.977 χ^2/NDF:475310.2/24

Right Out: 18.330+/-0.011 χ^2/NDF: 16693018.6/22

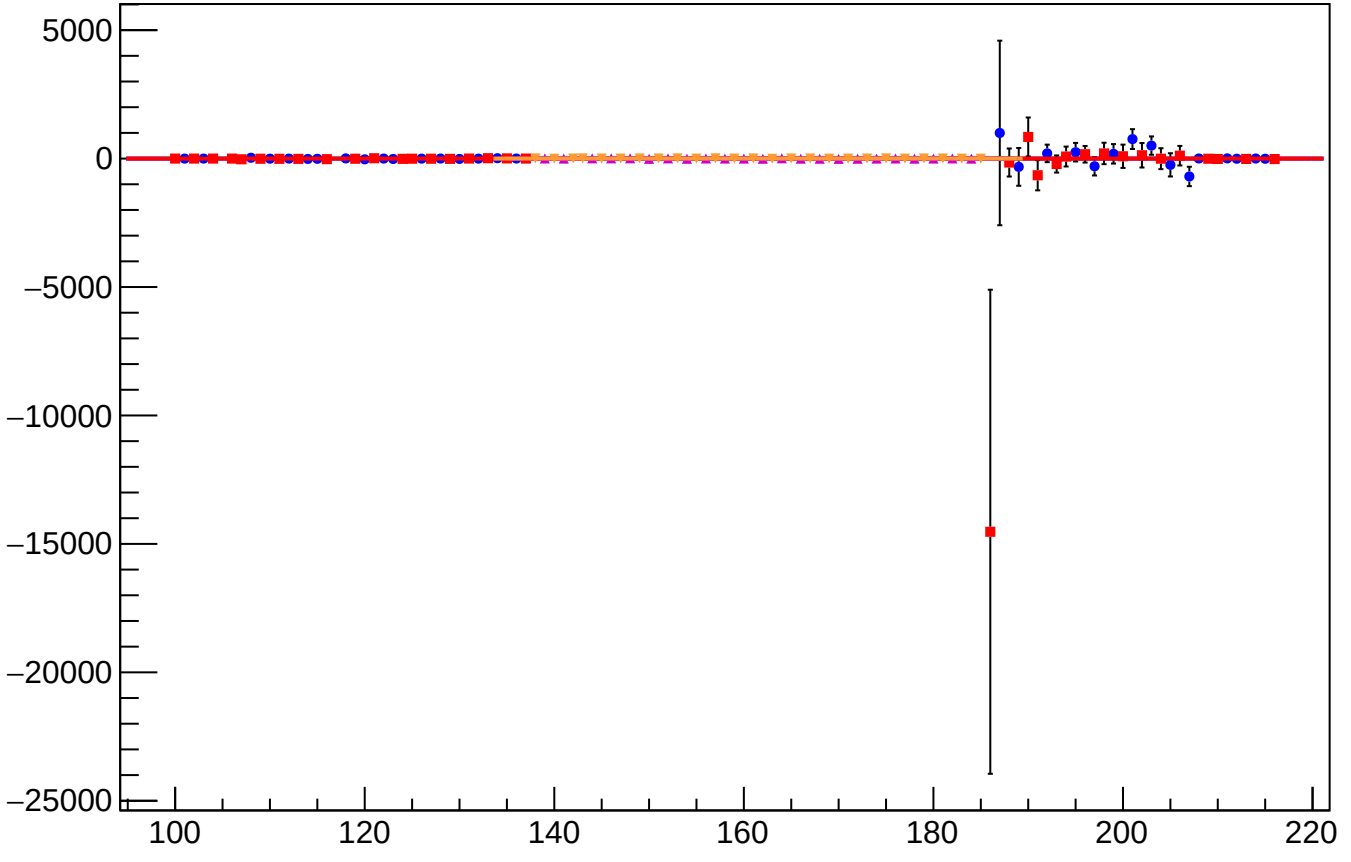
Left In: 12064.321+/-2.054 χ^2/NDF:372586.0/22

\+ sign 19.124+/-0.012 χ^2/NDF: 54656371.0/47

All: 18.895+/-0.008 χ^2/NDF: 106102476.7/93

\- sign 18.698+/-0.011 χ^2/NDF: 51445456.6/45

diff_cav4bY_mean vs Slug



Right In: 0.001+/-0.009 χ^2/NDF: 29.4/31

Left Out: 1.675+/-1.021 χ^2/NDF:17.9/24

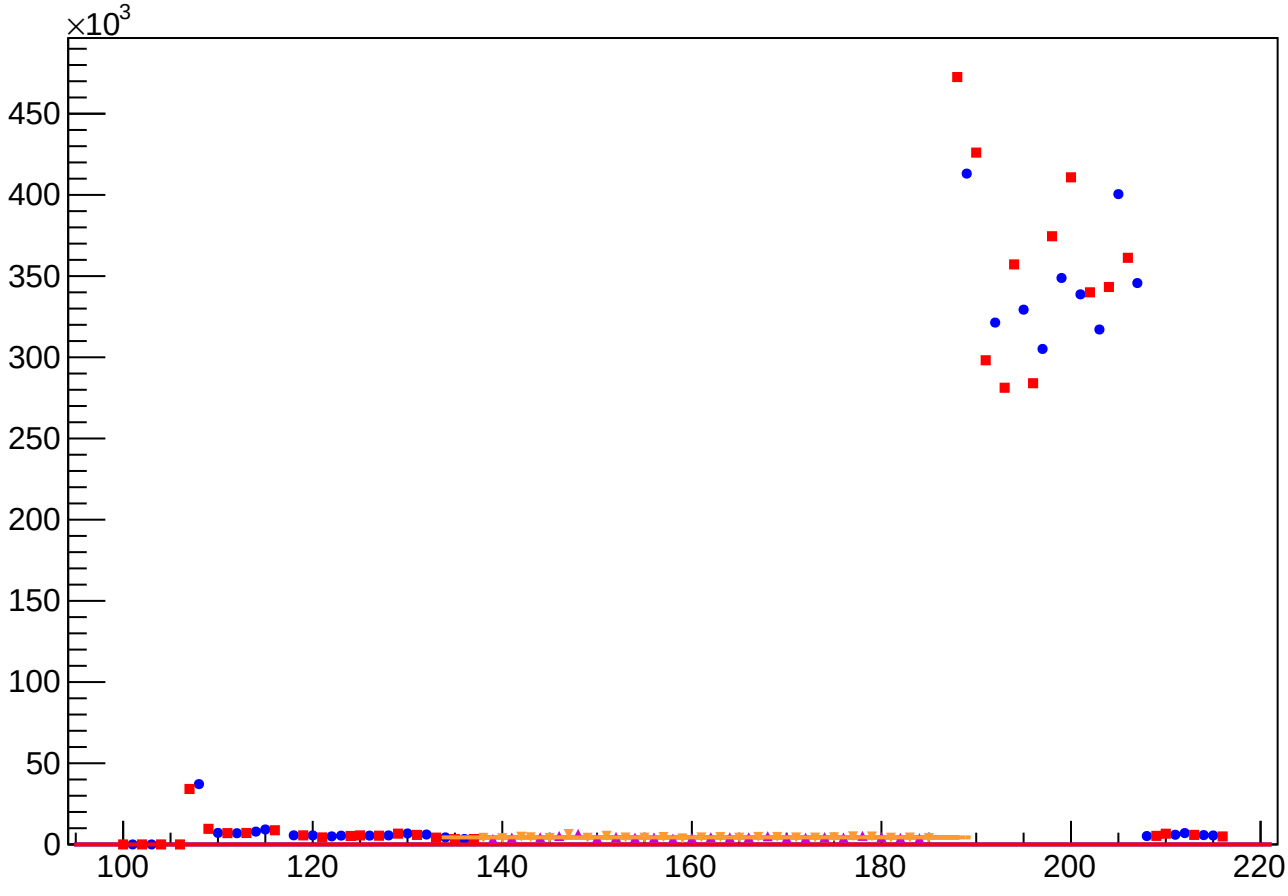
Right Out: 0.014+/-0.009 χ^2/NDF: 42.4/34

Left In: 0.843+/-1.043 χ^2/NDF:35.7/22

+ sign 0.001+/-0.009 χ^2/NDF: 50.0/56

All: 0.008+/-0.006 χ^2/NDF: 129.8/114

- sign 0.014+/-0.009 χ^2/NDF: 78.7/57



Right In: 9.990+/-0.007 χ^2/NDF: 31457720.9/30

Left Out: 4350.545+/-0.722 χ^2/NDF:384749.0/24

Right Out: 9.893+/-0.006 χ^2/NDF: 31466498.2/33

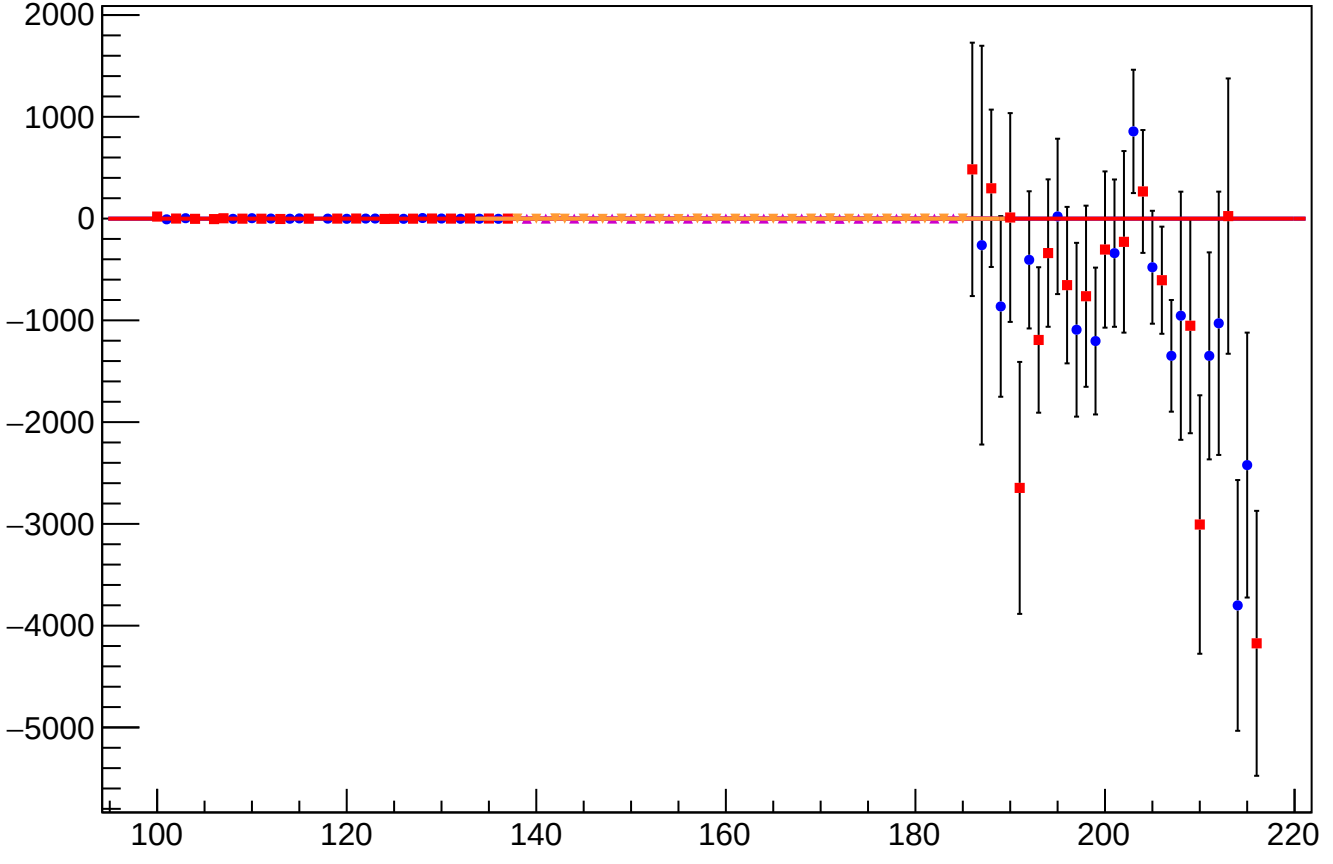
Left In: 4314.568+/-0.738 χ^2/NDF:534594.3/22

+ sign 10.342+/-0.007 χ^2/NDF: 67984851.9/55

All: 10.261+/-0.004 χ^2/NDF: 134048698.5/11

- sign 10.189+/-0.006 χ^2/NDF: 66063551.2/56

diff_cav4cX_mean vs Slug



Right In: -0.706+/-0.485 χ^2/NDF: 53.2/31

Left Out: -0.774+/-0.164 χ^2/NDF:58.4/24

Right Out: -0.764+/-0.502 χ^2/NDF: 39.7/34

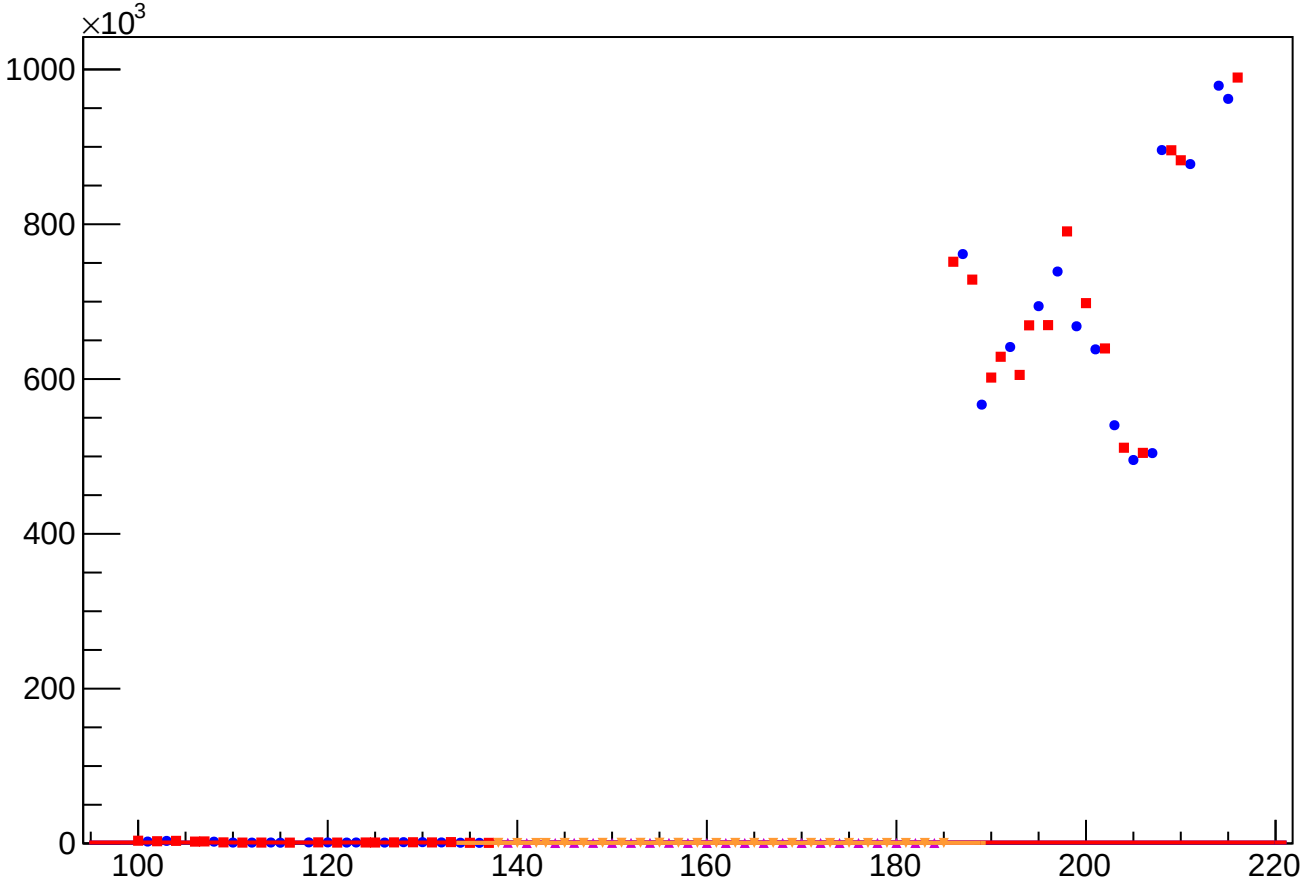
Left In: -0.020+/-0.170 χ^2/NDF:29.2/22

+ sign -0.767+/-0.156 χ^2/NDF: 111.6/56

All: -0.444+/-0.112 χ^2/NDF: 191.4/114

- sign -0.097+/-0.161 χ^2/NDF: 70.9/57

diff_cav4cX_rms vs Slug



Right In: 1167.348+/-0.343 χ^2/NDF: 18558261.3/30

Left Out: 700.797+/-0.116 χ^2/NDF:392521.4/24

Right Out: 1252.640+/-0.355 χ^2/NDF: 19107601.3/33

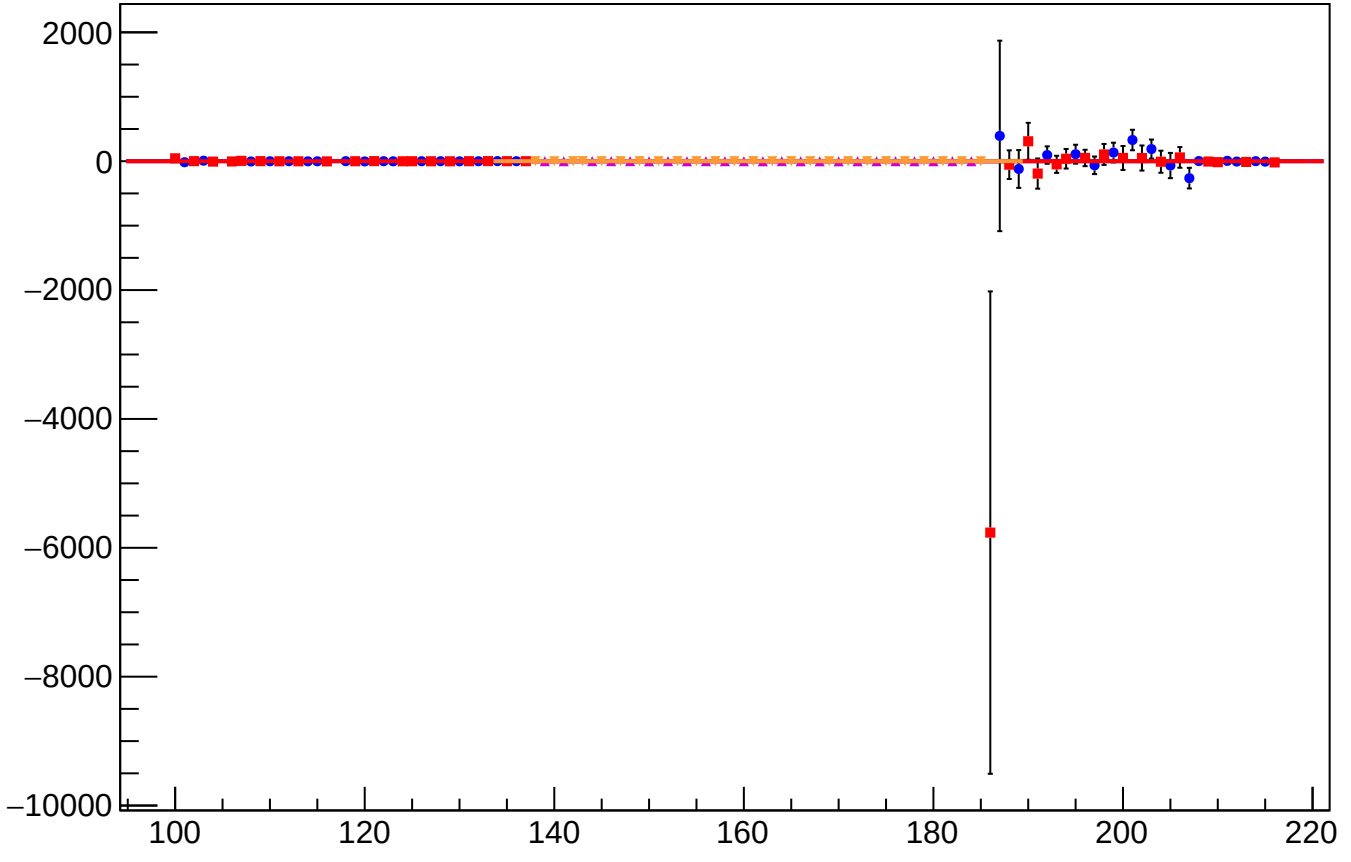
Left In: 706.950+/-0.120 χ^2/NDF:338177.1/22

+ sign 748.825+/-0.110 χ^2/NDF: 20610914.4/55

All: 755.736+/-0.079 χ^2/NDF: 42183986.1/11

- sign 763.145+/-0.114 χ^2/NDF: 21564897.8/56

diff_cav4cY_mean vs Slug



Right In: -0.061+/-0.269 χ^2/NDF: 35.1/31

Left Out: 0.236+/-0.122 χ^2/NDF:17.6/24

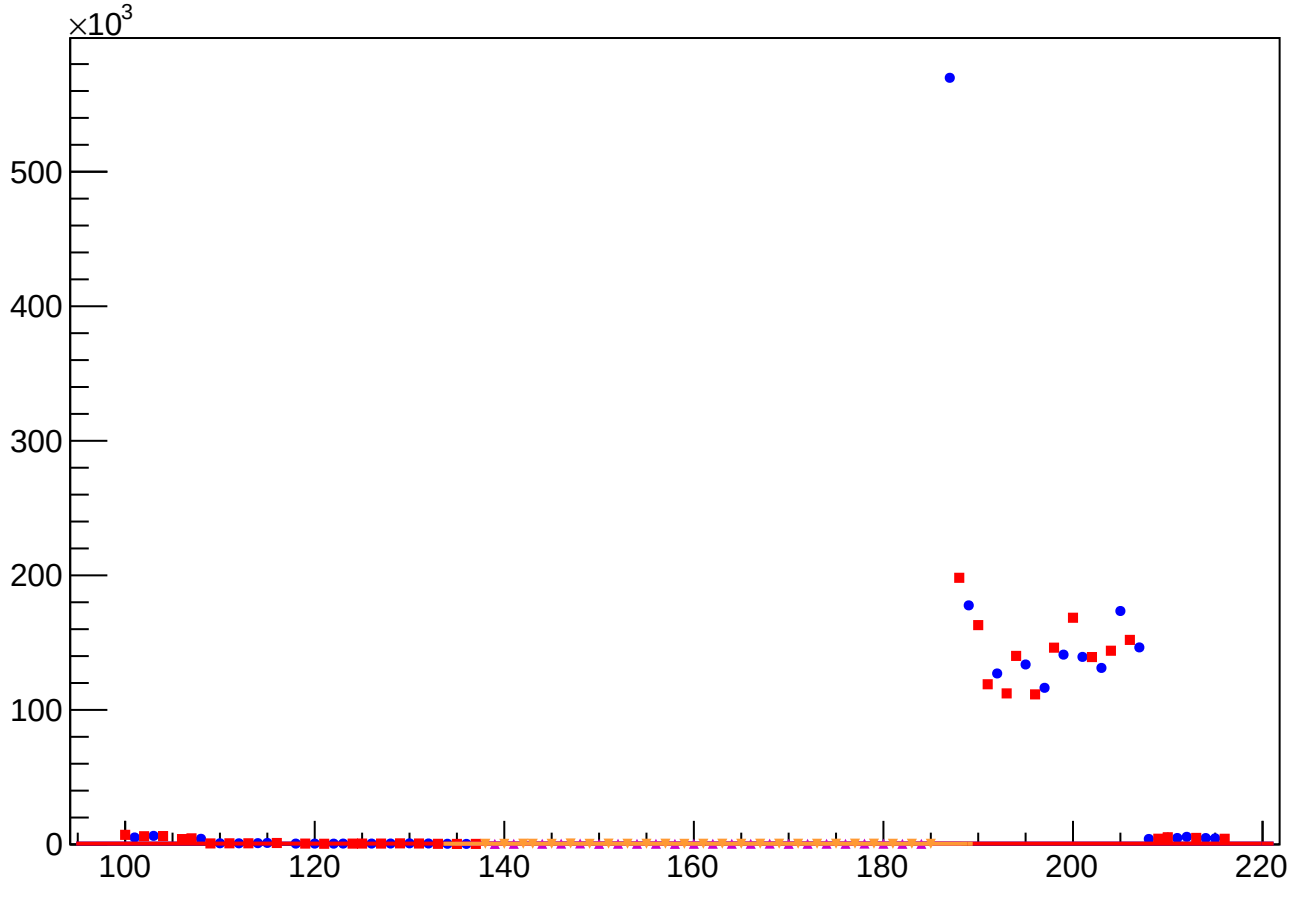
Right Out: 0.130+/-0.264 χ^2/NDF: 50.2/34

Left In: 0.115+/-0.125 χ^2/NDF:35.0/22

+ sign 0.185+/-0.111 χ^2/NDF: 53.7/56

All: 0.152+/-0.079 χ^2/NDF: 139.1/114

- sign 0.118+/-0.113 χ^2/NDF: 85.2/57



Right In: 658.528+/-0.190 χ^2/NDF: 22251985.6/31

Left Out: 522.416+/-0.087 χ^2/NDF:331573.1/24

Right Out: 639.823+/-0.186 χ^2/NDF: 22533661.5/33

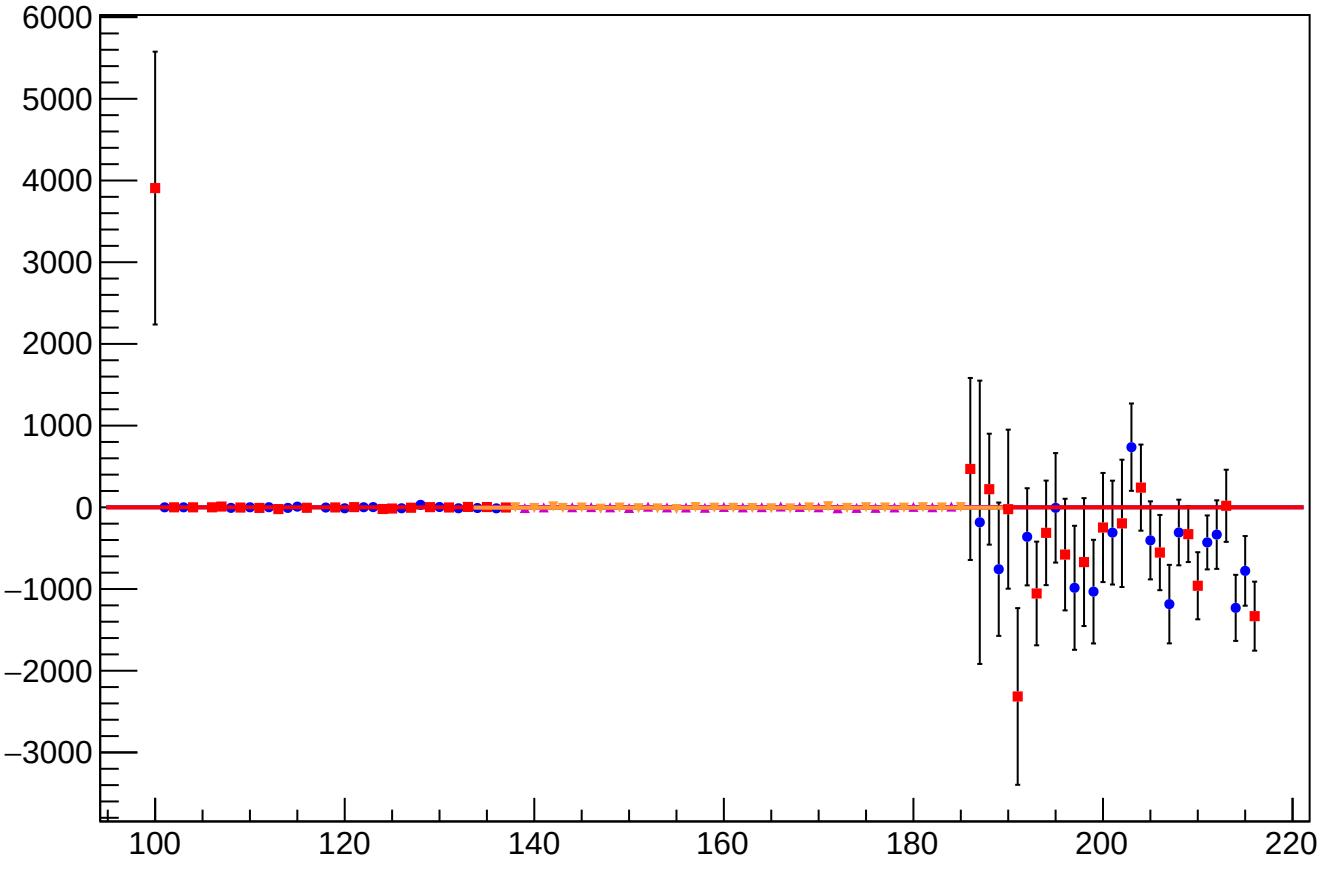
Left In: 519.909+/-0.089 χ^2/NDF:444746.3/22

+ sign 545.785+/-0.079 χ^2/NDF: 23007612.8/56

All: 543.954+/-0.056 χ^2/NDF: 46324460.8/11

- sign 542.061+/-0.080 χ^2/NDF: 23315750.3/56

diff_cav4dX_mean vs Slug



Right In: -0.022+/-0.021 χ^2/NDF: 45.6/31

Left Out: -4.474+/-0.956 χ^2/NDF:58.2/24

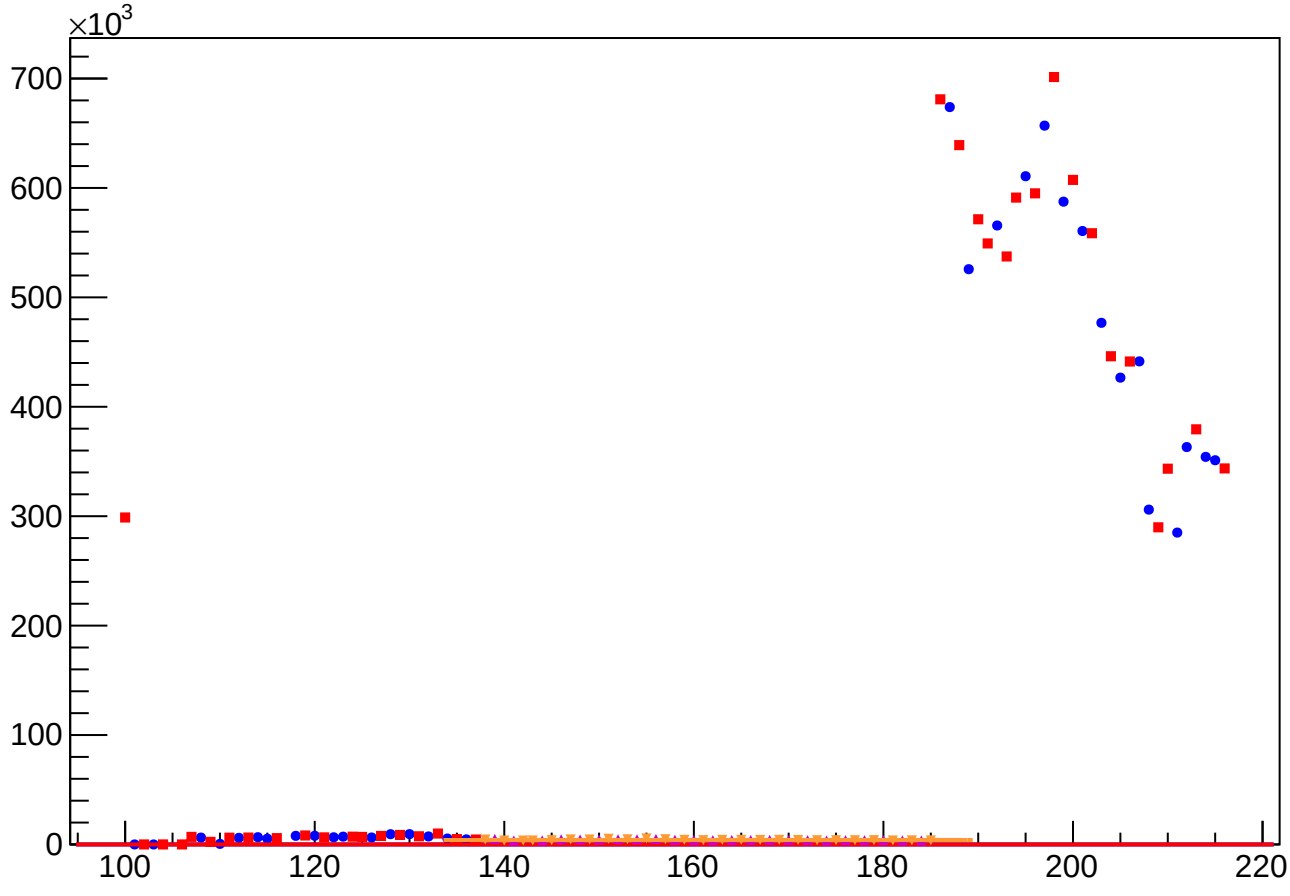
Right Out: -0.027+/-0.020 χ^2/NDF: 44.3/34

Left In: -0.193+/-0.990 χ^2/NDF:29.2/22

+ sign -0.024+/-0.021 χ^2/NDF: 125.6/56

All: -0.025+/-0.014 χ^2/NDF: 199.2/114

- sign -0.027+/-0.020 χ^2/NDF: 73.6/57



Right In: 17.346+/-0.015 χ^2/NDF: 31603749.0/31

Left Out: 4074.257+/-0.676 χ^2/NDF:416916.0/24

Right Out: 17.276+/-0.014 χ^2/NDF: 32325261.3/34

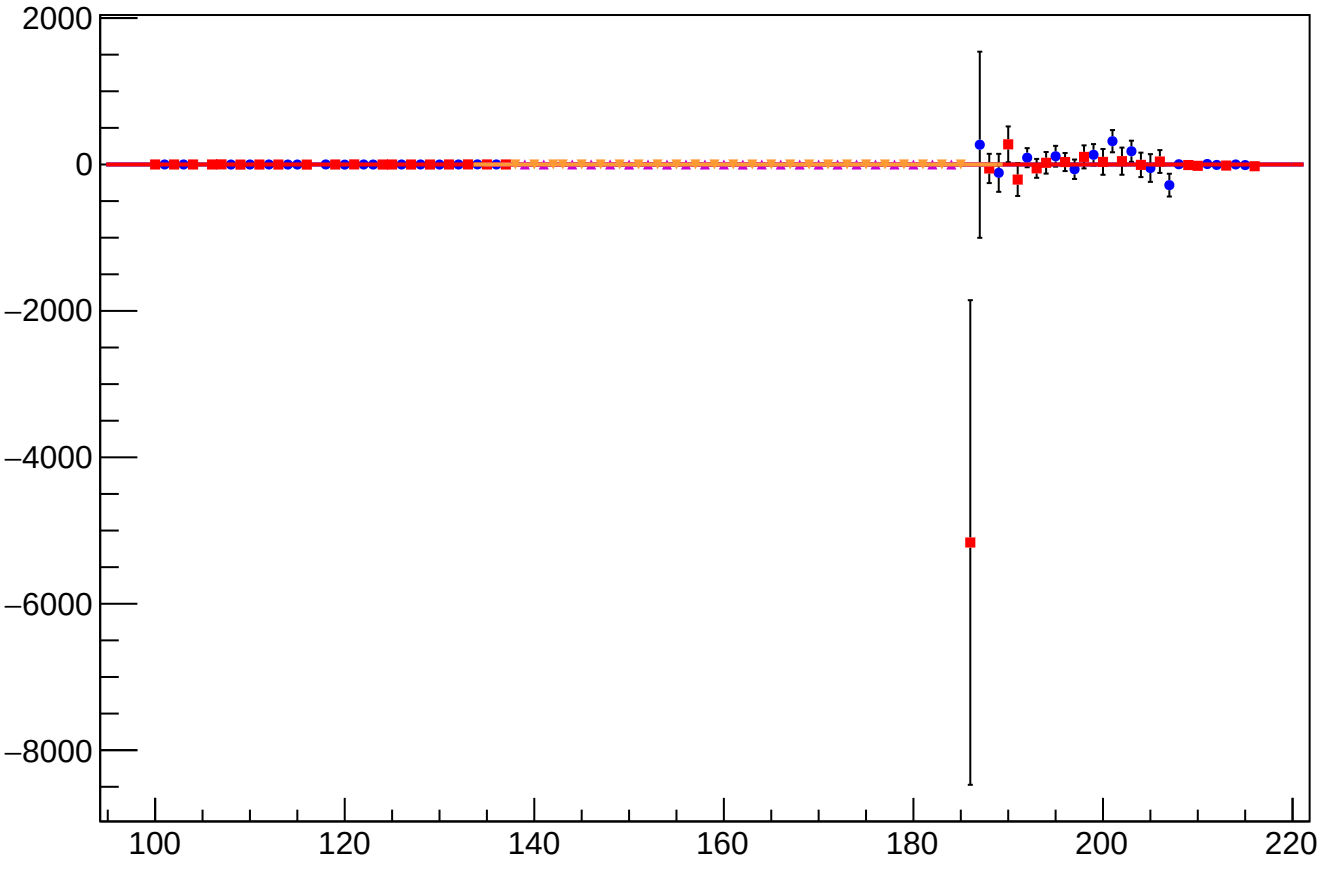
Left In: 4113.744+/-0.700 χ^2/NDF:354965.8/22

+ sign 19.266+/-0.015 χ^2/NDF: 68053715.9/56

All: 19.079+/-0.010 χ^2/NDF: 134950970.3/11

- sign 18.909+/-0.014 χ^2/NDF: 66896945.1/57

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF: 30.3/31

Left Out: 0.151+/-0.076 χ^2/NDF:16.8/24

Right Out: 0.001+/-0.002 χ^2/NDF: 50.0/34

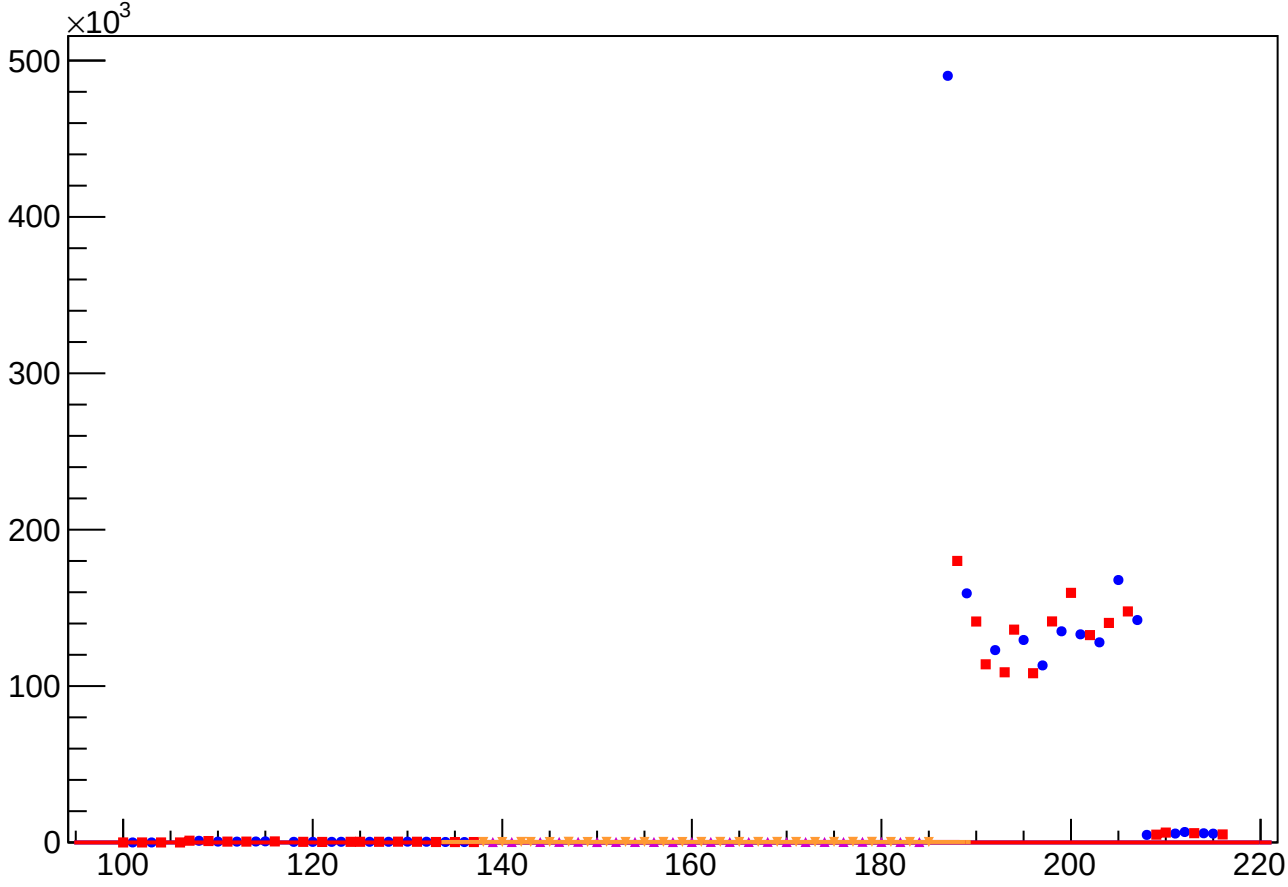
Left In: 0.075+/-0.078 χ^2/NDF:34.8/22

+ sign 0.000+/-0.002 χ^2/NDF: 51.0/56

All: 0.001+/-0.001 χ^2/NDF: 136.8/114

- sign 0.001+/-0.002 χ^2/NDF: 85.7/57

diff_cav4dY_rms vs Slug



Right In: 1.701+/-0.001 χ^2/NDF: 31862545.6/31

Left Out: 325.469+/-0.054 χ^2/NDF:350046.8/24

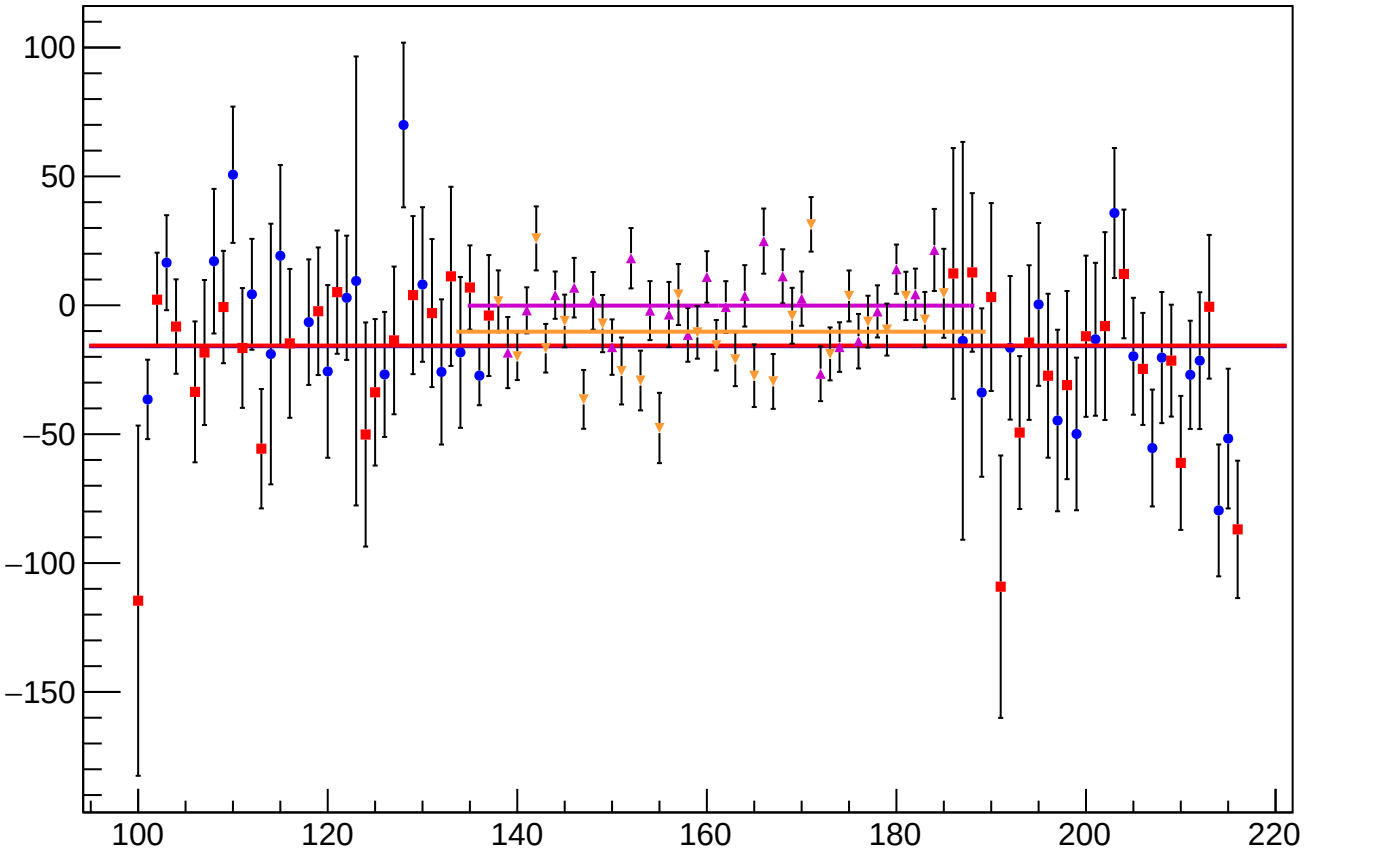
Right Out: 1.730+/-0.001 χ^2/NDF: 31258777.5/33

Left In: 325.201+/-0.055 χ^2/NDF:428069.7/22

+ sign 1.929+/-0.001 χ^2/NDF: 68174320.2/56

All: 1.928+/-0.001 χ^2/NDF: 133831735.9/113

- sign 1.928+/-0.001 χ^2/NDF: 65657415.3/56



Right In: -15.880+/-4.406 χ^2/NDF: 42.7/31

Left Out: -10.235+/-2.167 χ^2/NDF:58.0/24

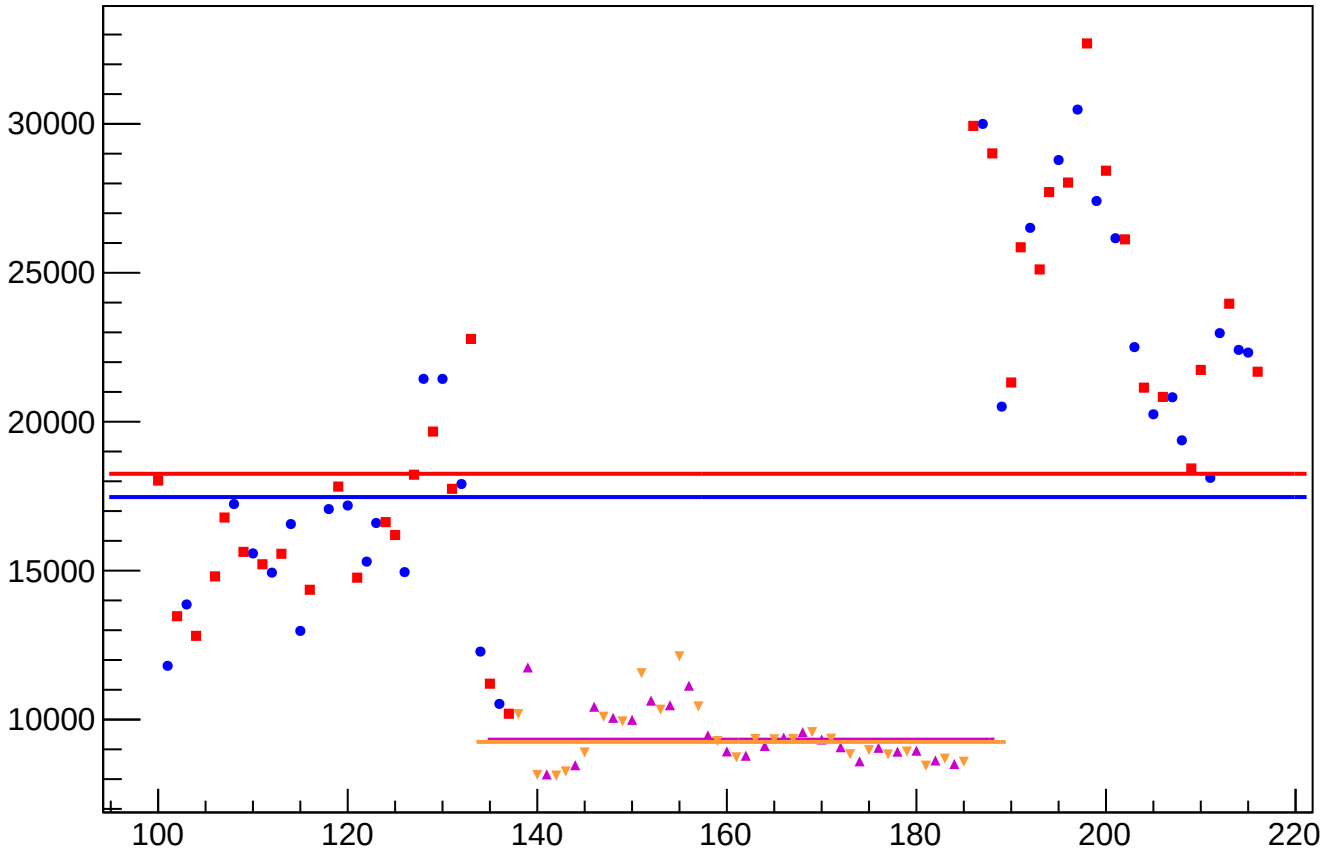
Right Out: -15.623+/-4.505 χ^2/NDF: 31.1/34

Left In: -0.130+/-2.242 χ^2/NDF:29.8/22

+ sign -11.334+/-1.944 χ^2/NDF: 102.0/56

All: -7.400+/-1.397 χ^2/NDF: 180.8/114

- sign -3.206+/-2.007 χ^2/NDF: 70.4/57



Right In: 17470.512+/-3.115 χ^2/NDF: 2916503.1/31

Left Out: 9249.358+/-1.532 χ^2/NDF:332003.4/24

Right Out: 18251.530+/-3.186 χ^2/NDF: 2921501.7/34

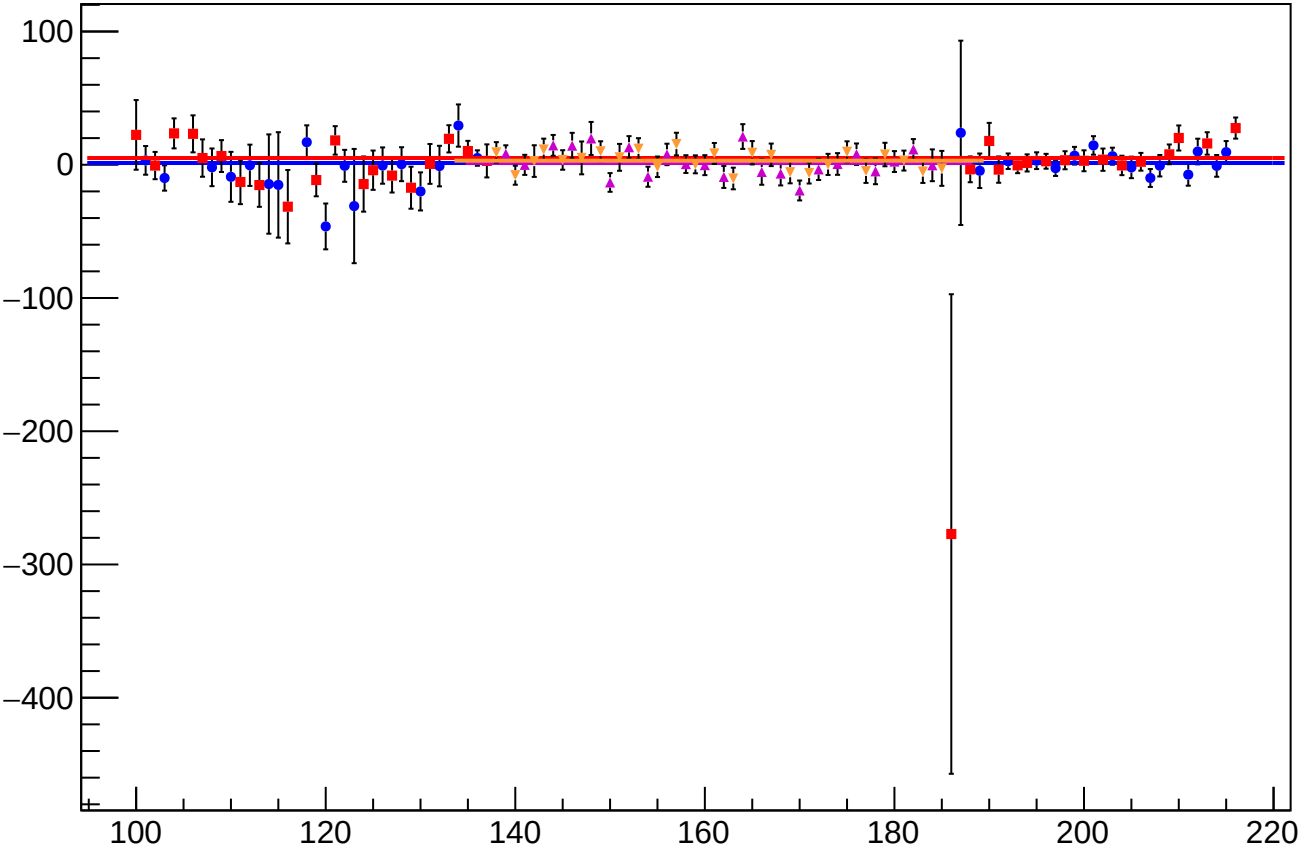
Left In: 9325.112+/-1.585 χ^2/NDF:280927.7/22

\+ sign 10850.481+/-1.375 χ^2/NDF: 8856569.3/56

All: 10969.864+/-0.988 χ^2/NDF: 18367053.6

\- sign 11097.122+/-1.419 χ^2/NDF: 9494905.5/57

diff_bpm4aY_mean vs Slug



Right In: 1.308+/-1.644 χ^2/NDF: 29.5/31

Left Out: 3.062+/-1.659 χ^2/NDF:18.3/24

Right Out: 5.060+/-1.623 χ^2/NDF: 39.5/34

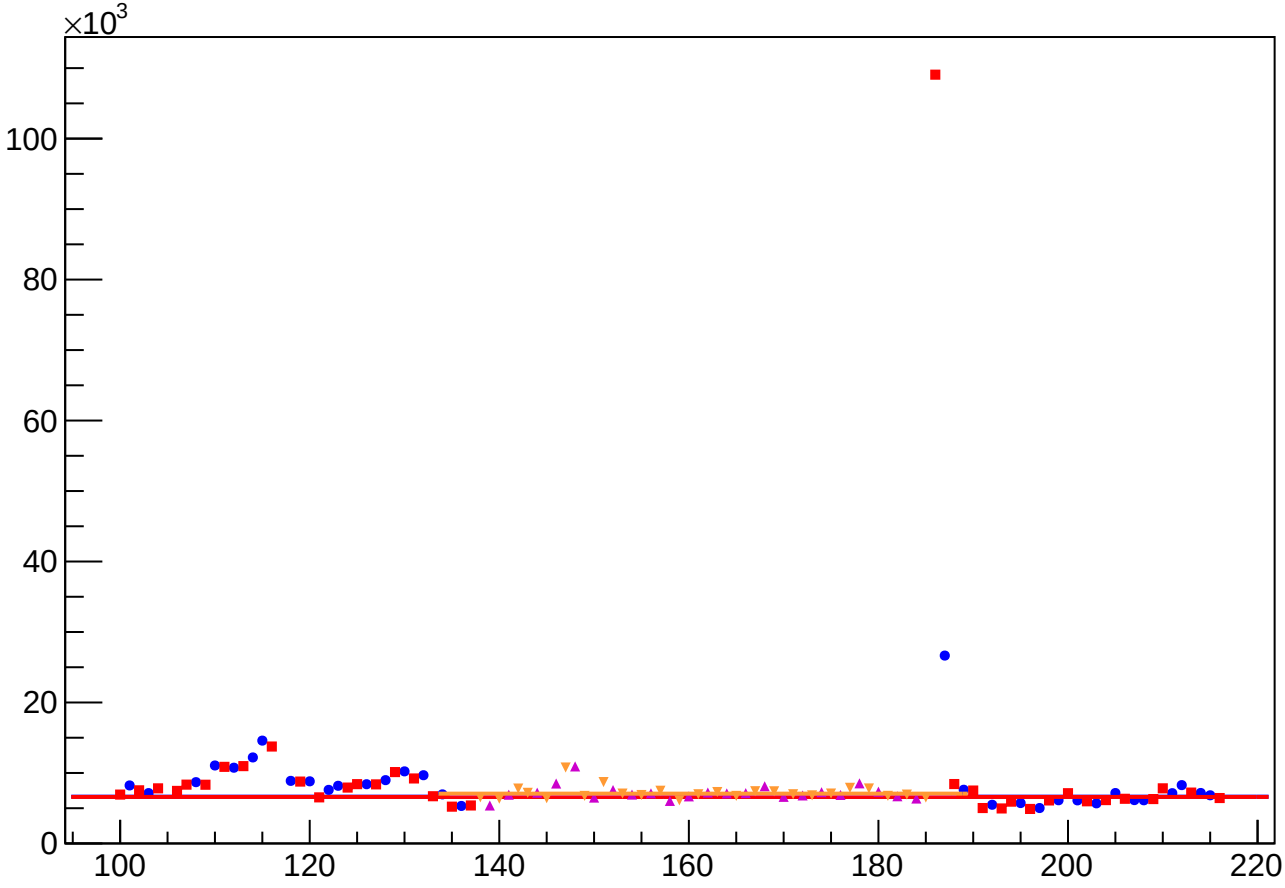
Left In: 1.394+/-1.693 χ^2/NDF:35.4/22

\+ sign 2.177+/-1.168 χ^2/NDF: 48.3/56

All: 2.739+/-0.827 χ^2/NDF: 126.2/114

\- sign 3.305+/-1.171 χ^2/NDF: 77.4/57

diff_bpm4aY_rms vs Slug



Right In: 6637.987+/-1.162 χ^2/NDF: 1607532.3/31

Left Out: 7066.826+/-1.173 χ^2/NDF:387449.8/24

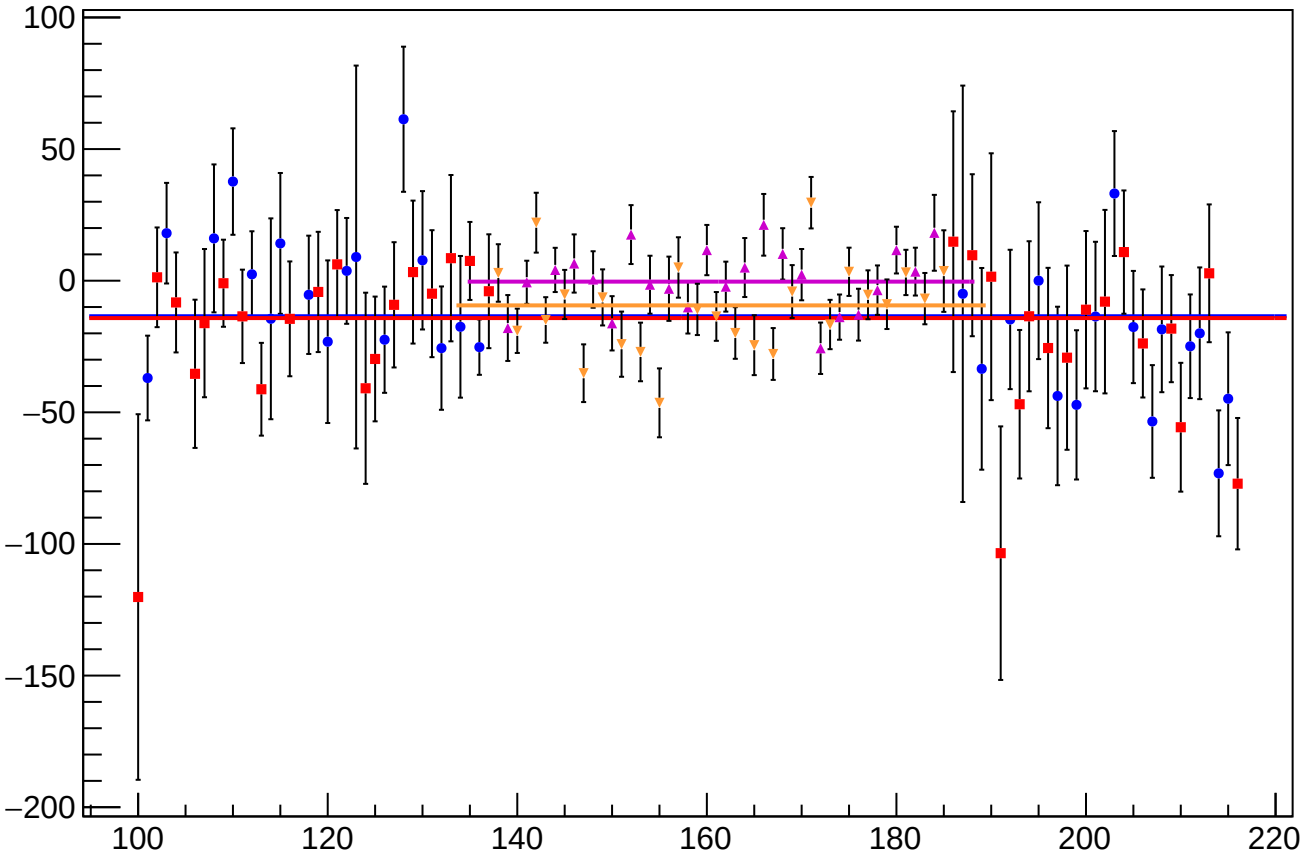
Right Out: 6599.718+/-1.147 χ^2/NDF: 2151471.4/34

Left In: 7000.532+/-1.197 χ^2/NDF:550029.3/22

+ sign 6850.419+/-0.826 χ^2/NDF: 2062433.1/56

All: 6821.103+/-0.585 χ^2/NDF: 4824888.5/11

- sign 6791.588+/-0.828 χ^2/NDF: 2759925.0/57



Right In: -13.500+/-4.034 χ^2/NDF: 43.5/31

Left Out: -9.376+/-2.018 χ^2/NDF:58.4/24

Right Out: -14.202+/-4.089 χ^2/NDF: 29.6/34

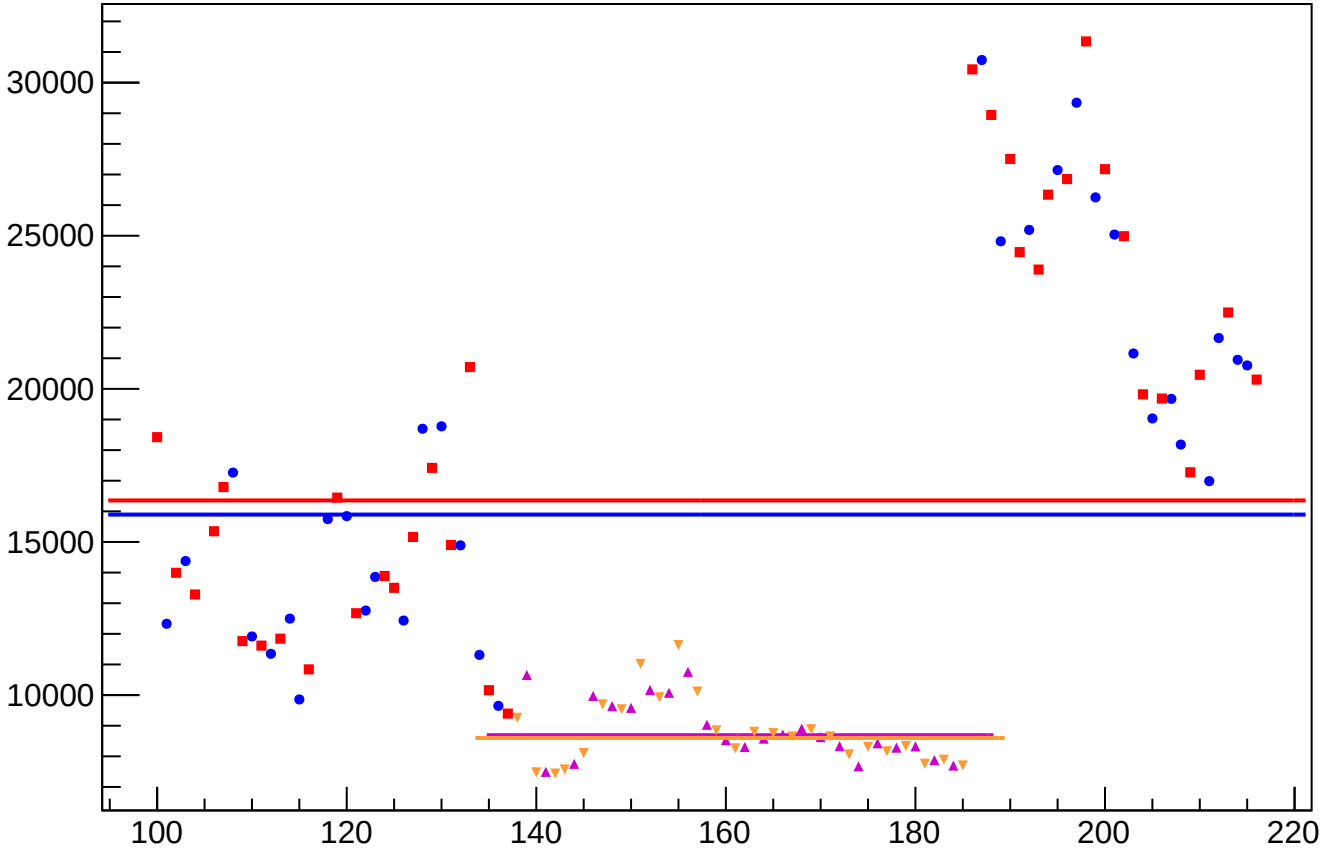
Left In: -0.353+/-2.092 χ^2/NDF:29.6/22

+ sign -10.201+/-1.805 χ^2/NDF: 102.7/56

All: -6.824+/-1.296 χ^2/NDF: 178.3/114

- sign -3.227+/-1.863 χ^2/NDF: 68.3/57

diff_bpm4eX_rms vs Slug



Right In: 15894.435+/-2.852 χ^2/NDF: 3384288.4/31

Left Out: 8600.457+/-1.427 χ^2/NDF:438229.4/24

Right Out: 16356.235+/-2.891 χ^2/NDF: 3717599.2/34

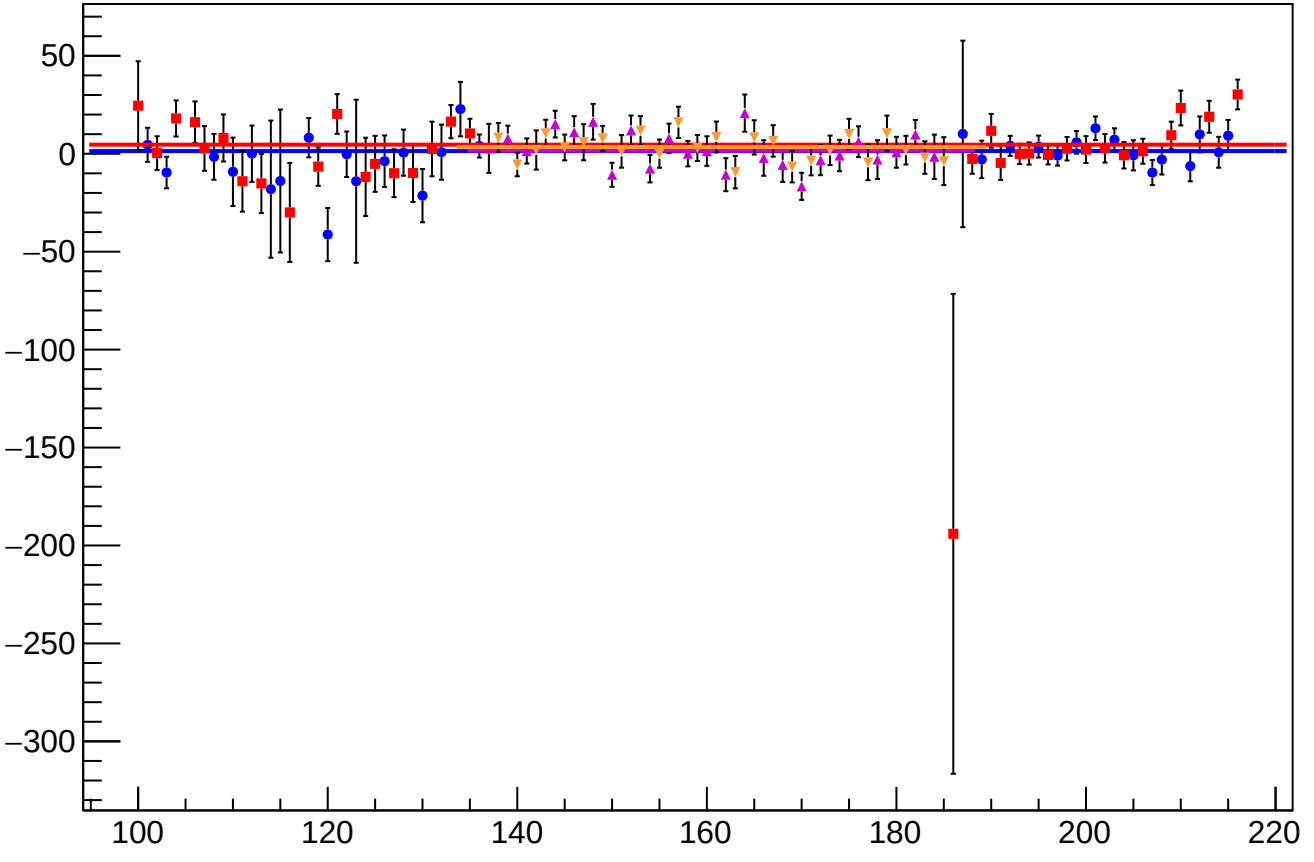
Left In: 8690.209+/-1.479 χ^2/NDF:370834.1/22

+ sign 10060.162+/-1.276 χ^2/NDF: 9052785.2/56

All: 10167.083+/-0.916 χ^2/NDF: 18727496.5

- sign 10280.981+/-1.317 χ^2/NDF: 9660211.1/57

diff_bpm4eY_mean vs Slug



Right In: 1.367+/-1.488 χ^2/NDF: 31.2/31

Left Out: 3.406+/-1.550 χ^2/NDF:16.8/24

Right Out: 4.641+/-1.447 χ^2/NDF: 47.8/34

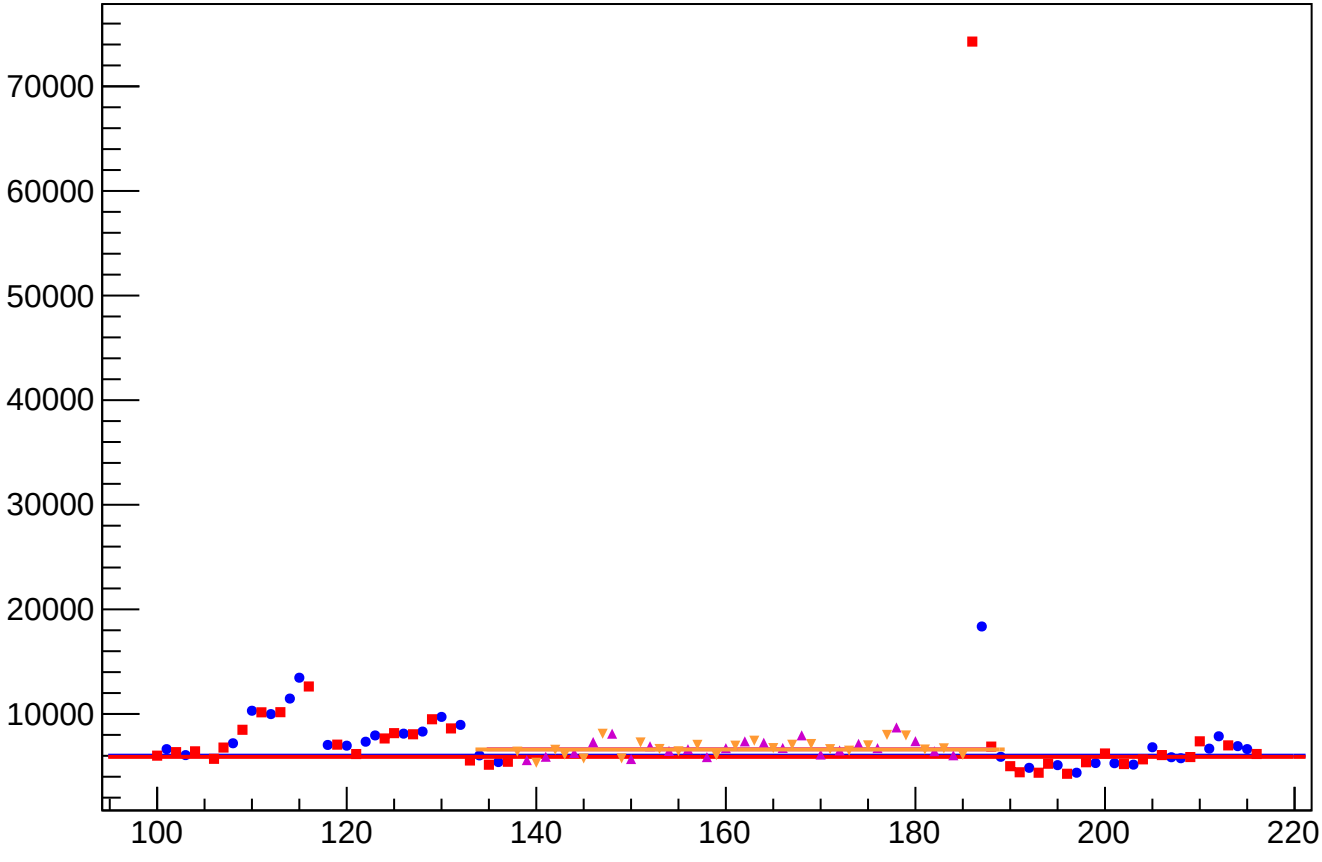
Left In: 1.627+/-1.599 χ^2/NDF:33.5/22

+ sign 2.344+/-1.074 χ^2/NDF: 48.9/56

All: 2.814+/-0.759 χ^2/NDF: 132.5/114

- sign 3.283+/-1.073 χ^2/NDF: 83.2/57

diff_bpm4eY_rms vs Slug



Right In: 6012.397+/-1.052 χ^2/NDF: 1639235.8/31

Left Out: 6607.100+/-1.096 χ^2/NDF:398416.1/24

Right Out: 5899.833+/-1.023 χ^2/NDF: 2235006.5/34

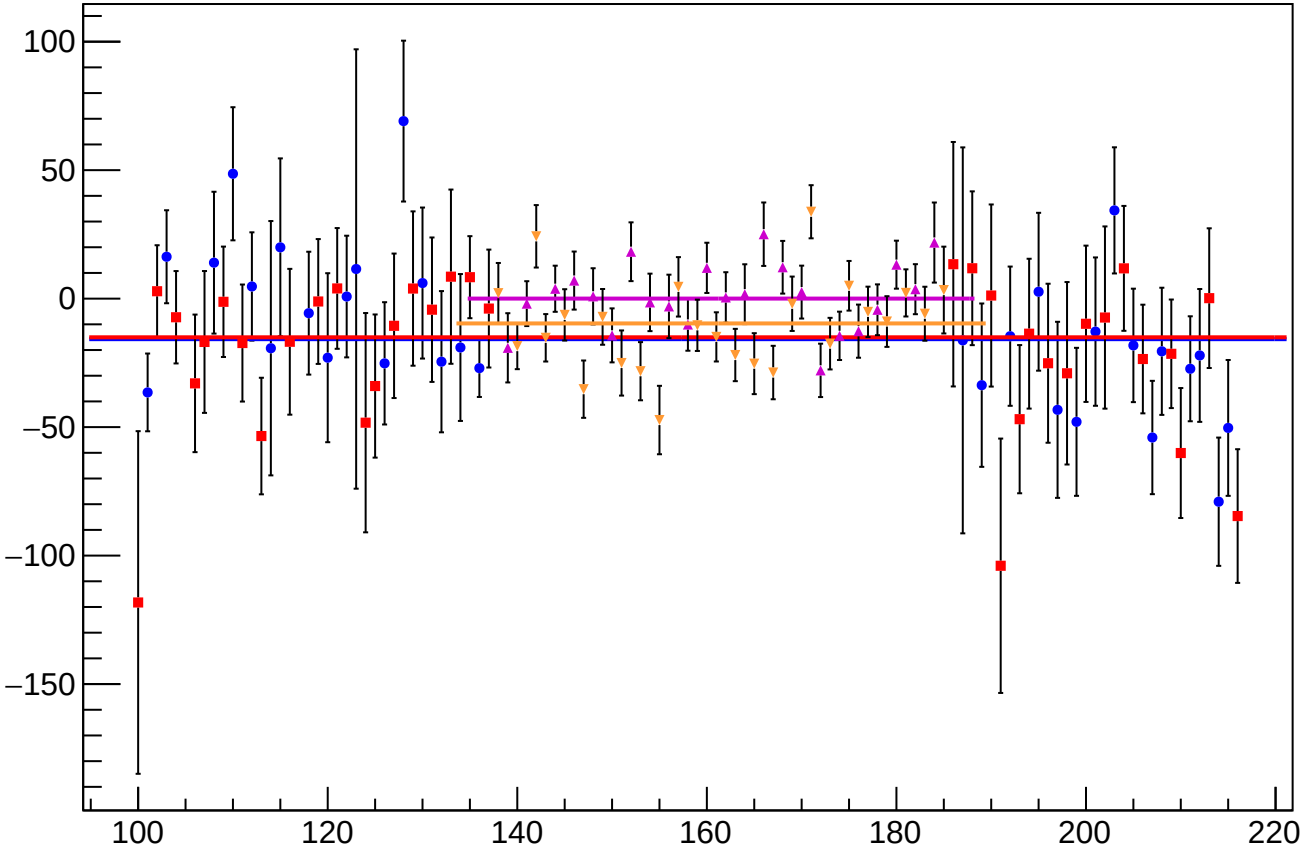
Left In: 6628.653+/-1.131 χ^2/NDF:430282.2/22

+ sign 6297.506+/-0.759 χ^2/NDF: 2190834.8/56

All: 6262.763+/-0.537 χ^2/NDF: 5088668.1/11

- sign 6228.047+/-0.759 χ^2/NDF: 2893645.3/57

diff_bpm4acX_mean vs Slug



Right In: -15.771+/-4.307 χ^2/NDF: 42.7/31

Left Out: -9.649+/-2.118 χ^2/NDF:59.8/24

Right Out: -15.050+/-4.405 χ^2/NDF: 31.1/34

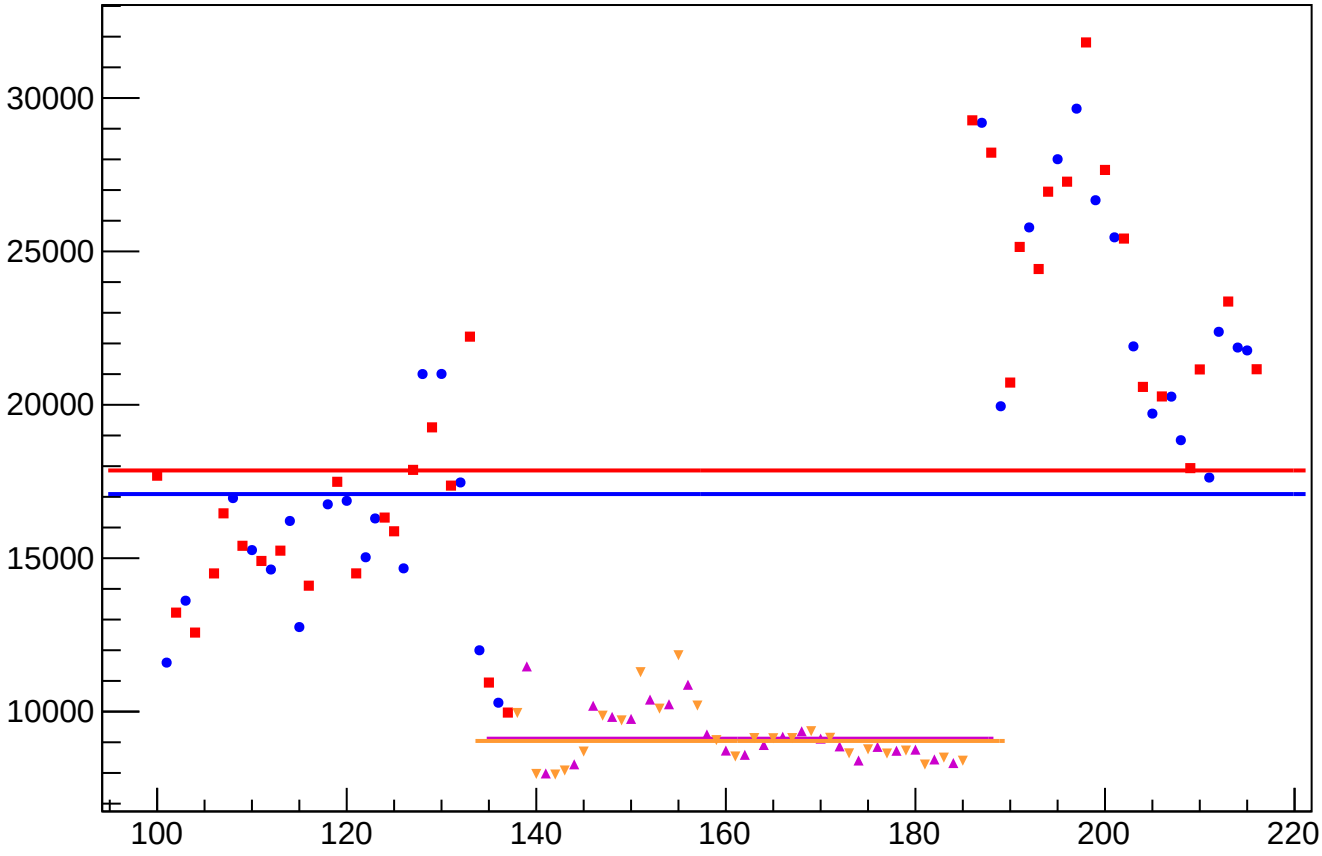
Left In: 0.019+/-2.192 χ^2/NDF:30.6/22

+ sign -10.841+/-1.901 χ^2/NDF: 104.1/56

All: -7.032+/-1.365 χ^2/NDF: 183.5/114

- sign -2.971+/-1.962 χ^2/NDF: 71.1/57

diff_bpm4acX_rms vs Slug



Right In: 17090.508+/-3.045 χ^2/NDF: 2869999.2/31

Left Out: 9043.485+/-1.498 χ^2/NDF:328192.2/24

Right Out: 17860.183+/-3.115 χ^2/NDF: 2869291.4/34

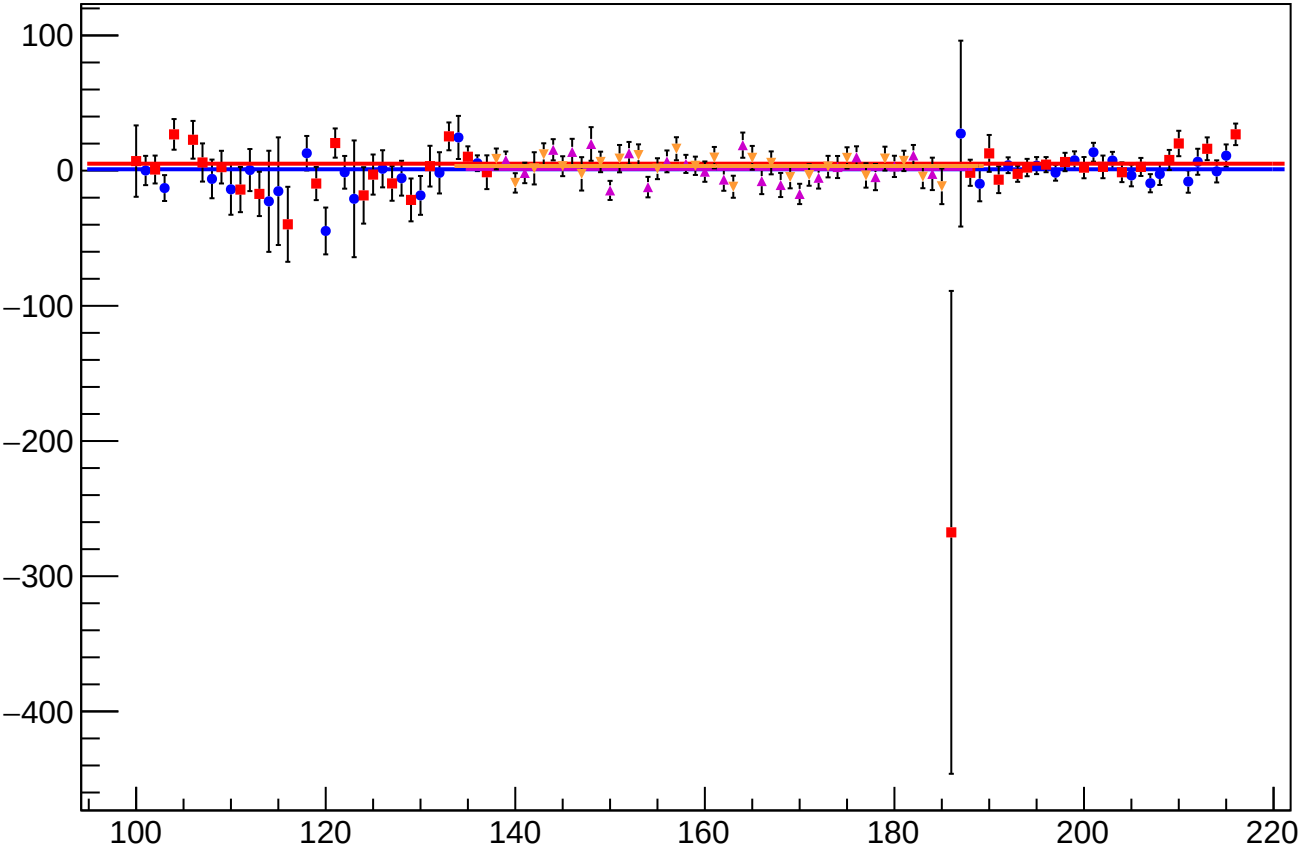
Left In: 9116.921+/-1.550 χ^2/NDF:277594.8/22

+ sign 10611.038+/-1.344 χ^2/NDF: 8820847.4/56

All: 10727.713+/-0.965 χ^2/NDF: 18298193.5

- sign 10852.088+/-1.388 χ^2/NDF: 9461776.8/57

diff_bpm4acY_mean vs Slug



Right In: 1.011+/-1.648 χ^2/NDF: 29.2/31

Left Out: 3.439+/-1.666 χ^2/NDF:18.9/24

Right Out: 5.134+/-1.628 χ^2/NDF: 44.3/34

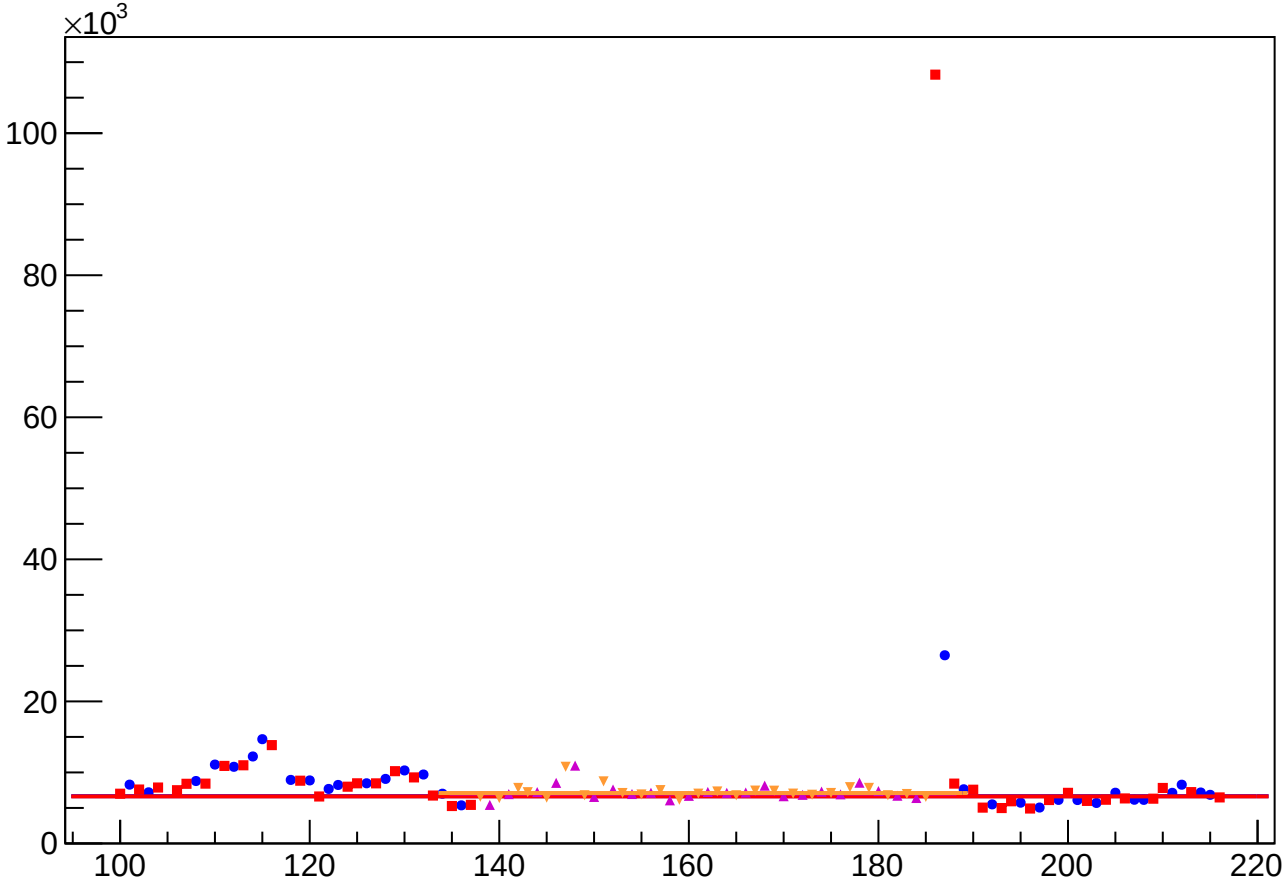
Left In: 1.291+/-1.701 χ^2/NDF:36.5/22

+ sign 2.212+/-1.172 χ^2/NDF: 49.2/56

All: 2.752+/-0.830 χ^2/NDF: 133.1/114

- sign 3.296+/-1.176 χ^2/NDF: 83.5/57

diff_bpm4acY_rms vs Slug



Right In: 6658.094+/-1.166 χ^2/NDF: 1613782.2/31

Left Out: 7098.726+/-1.178 χ^2/NDF:382550.4/24

Right Out: 6624.891+/-1.152 χ^2/NDF: 2154888.9/34

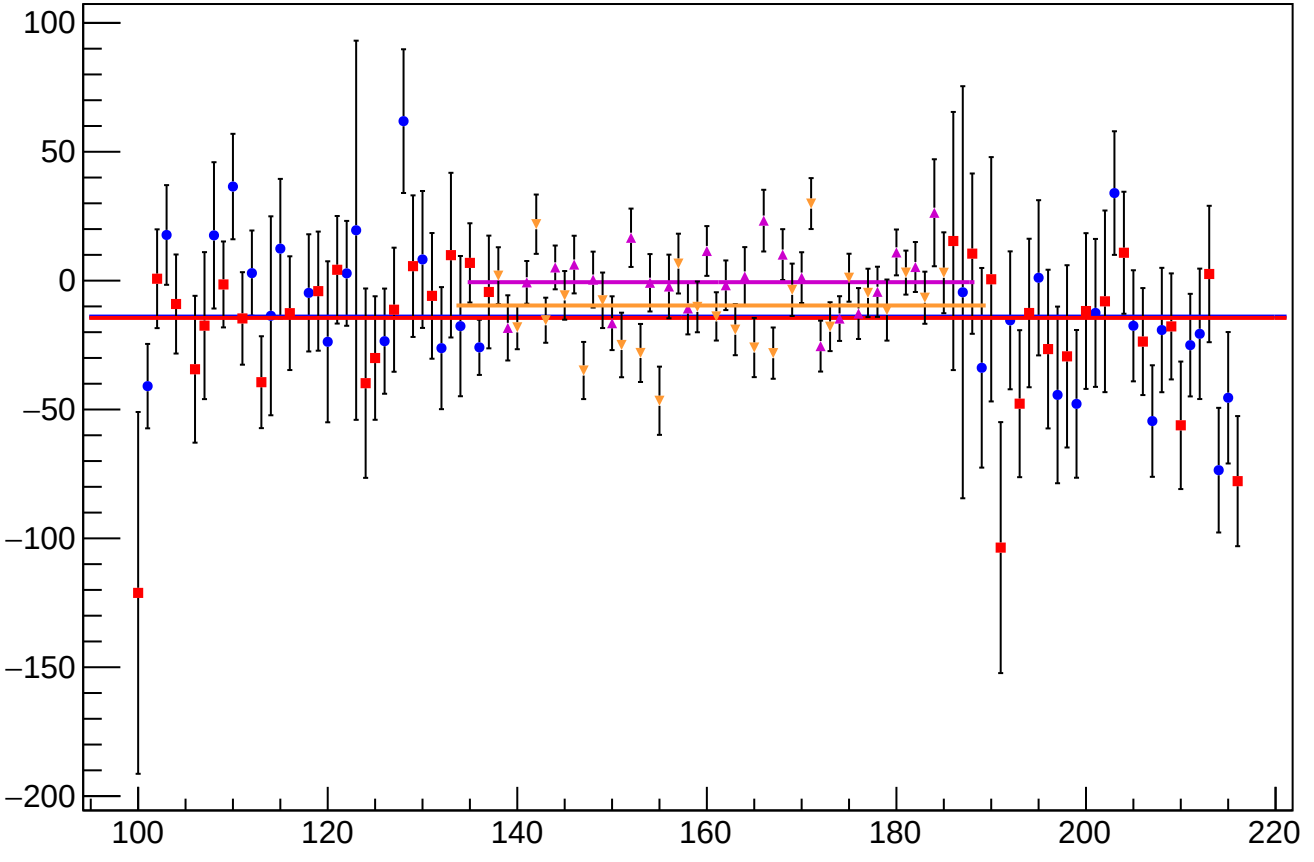
Left In: 7033.702+/-1.203 χ^2/NDF:541035.5/22

+ sign 6876.062+/-0.829 χ^2/NDF: 2067023.1/56

All: 6848.341+/-0.587 χ^2/NDF: 4825475.2/11

- sign 6820.409+/-0.832 χ^2/NDF: 2756205.1/57

diff_bpm4ecX_mean vs Slug



Right In: -13.946+/-4.085 χ^2/NDF: 44.0/31

Left Out: -9.640+/-2.057 χ^2/NDF:57.6/24

Right Out: -14.461+/-4.143 χ^2/NDF: 28.5/34

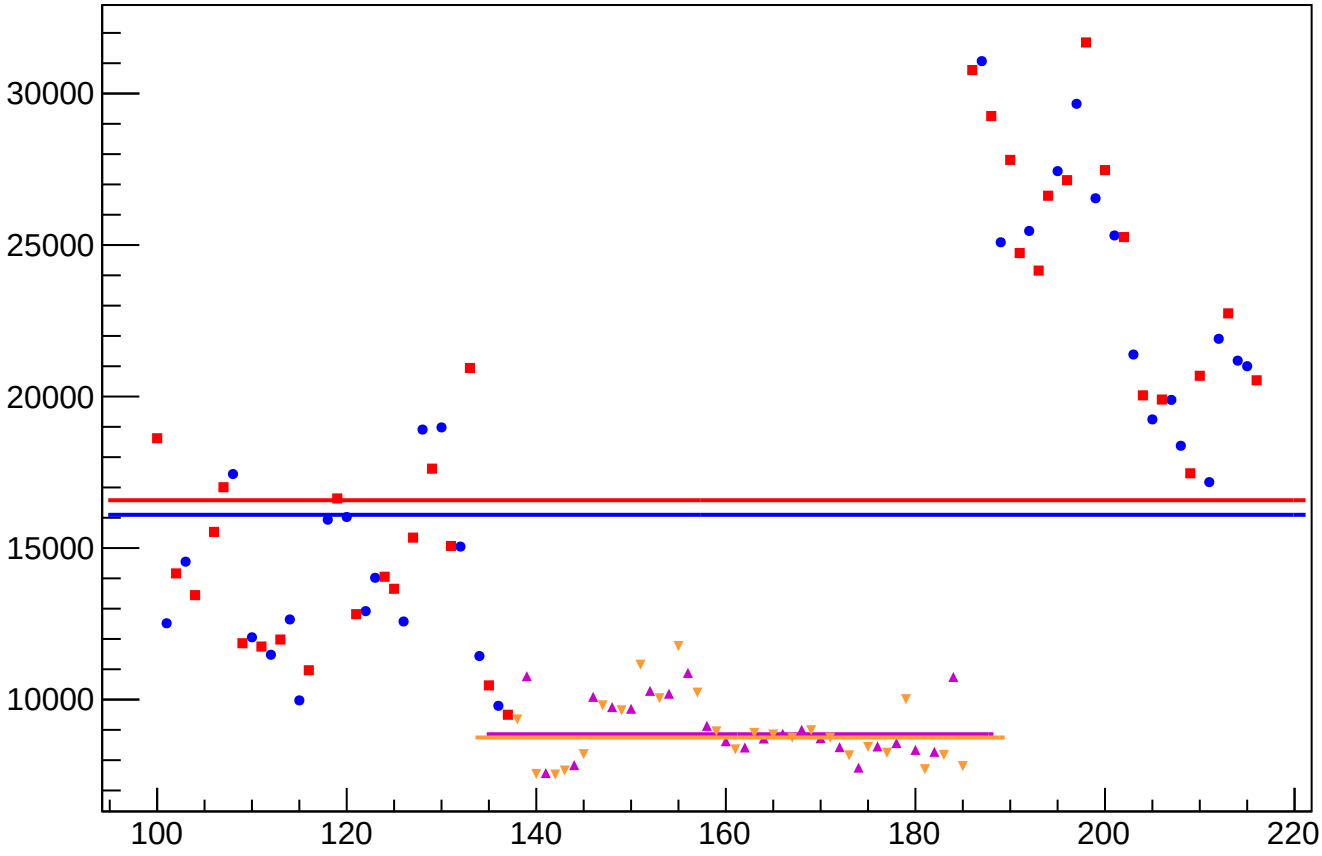
Left In: -0.599+/-2.135 χ^2/NDF:29.7/22

+ sign -10.512+/-1.837 χ^2/NDF: 102.5/56

All: -7.123+/-1.320 χ^2/NDF: 176.5/114

- sign -3.509+/-1.898 χ^2/NDF: 67.0/57

diff_bpm4ecX_rms vs Slug



Right In: 16097.123+/-2.888 χ^2/NDF: 3360469.1/31

Left Out: 8748.407+/-1.455 χ^2/NDF:463394.1/24

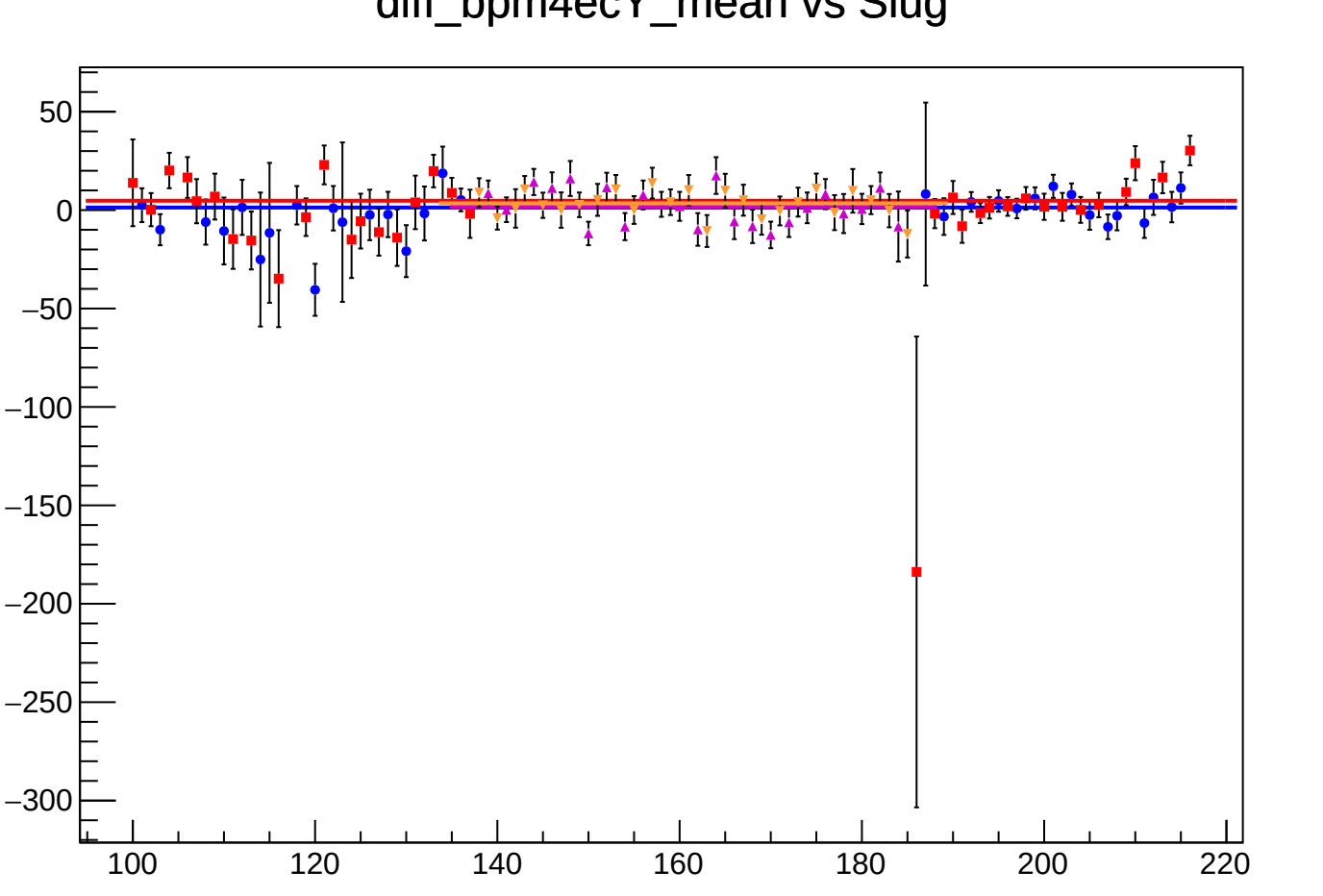
Right Out: 16578.290+/-2.929 χ^2/NDF: 3678336.9/34

Left In: 8855.591+/-1.510 χ^2/NDF:367542.7/22

+ sign 10235.356+/-1.299 χ^2/NDF: 8987530.1/56

All: 10352.000+/-0.933 χ^2/NDF: 18542103.4

- sign 10476.441+/-1.342 χ^2/NDF: 9537913.7/57



Right In: 1.314+/-1.452 χ^2/NDF: 31.3/31

Left Out: 3.473+/-1.524 χ^2/NDF:15.8/24

Right Out: 4.773+/-1.412 χ^2/NDF: 52.1/34

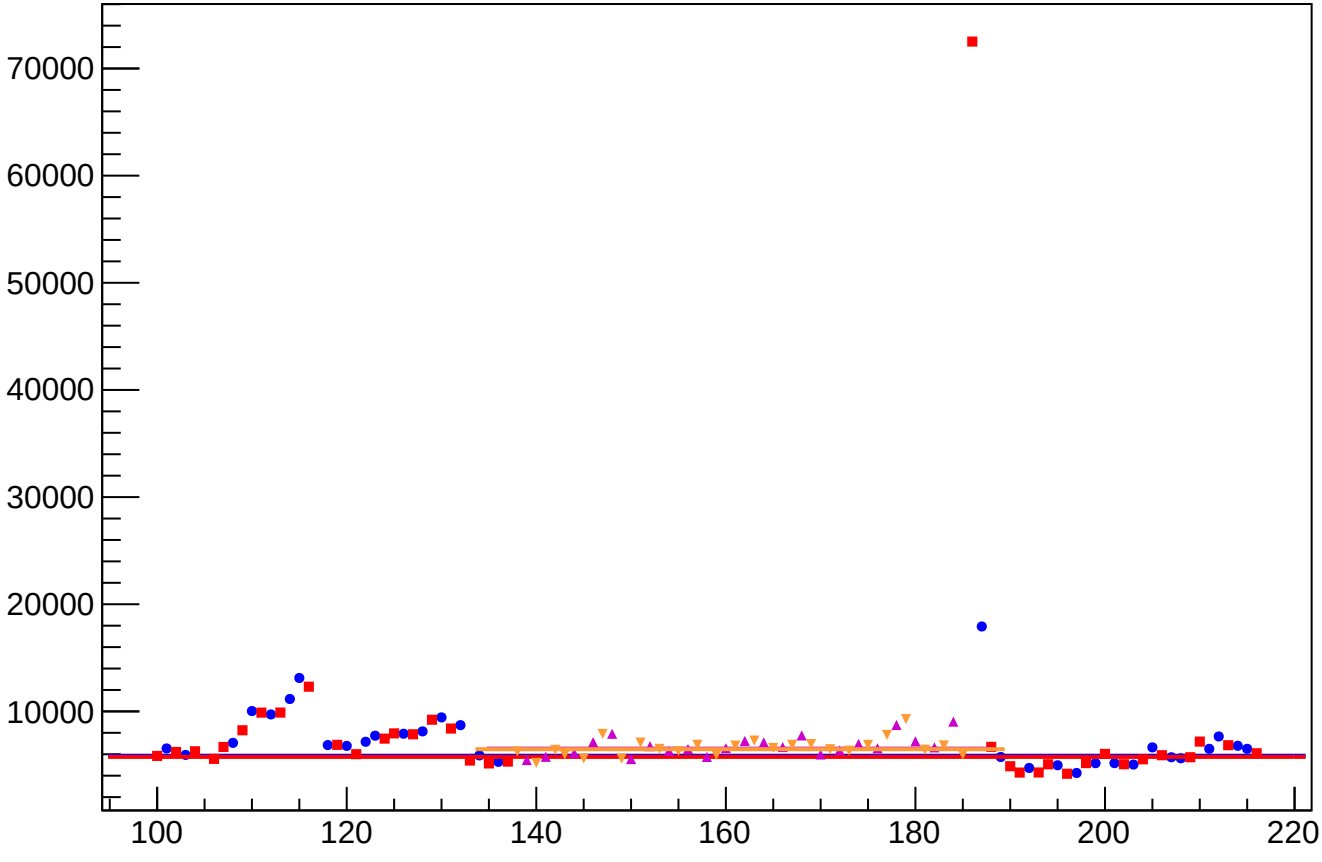
Left In: 1.638+/-1.578 χ^2/NDF:33.7/22

+ sign 2.341+/-1.051 χ^2/NDF: 48.1/56

All: 2.860+/-0.744 χ^2/NDF: 136.6/114

- sign 3.379+/-1.052 χ^2/NDF: 88.0/57

diff_bpm4ecY_rms vs Slug



Right In: 5863.292+/-1.026 χ^2/NDF: 1648108.5/31

Left Out: 6471.976+/-1.078 χ^2/NDF:490282.9/24

Right Out: 5752.328+/-0.998 χ^2/NDF: 2228045.6/34

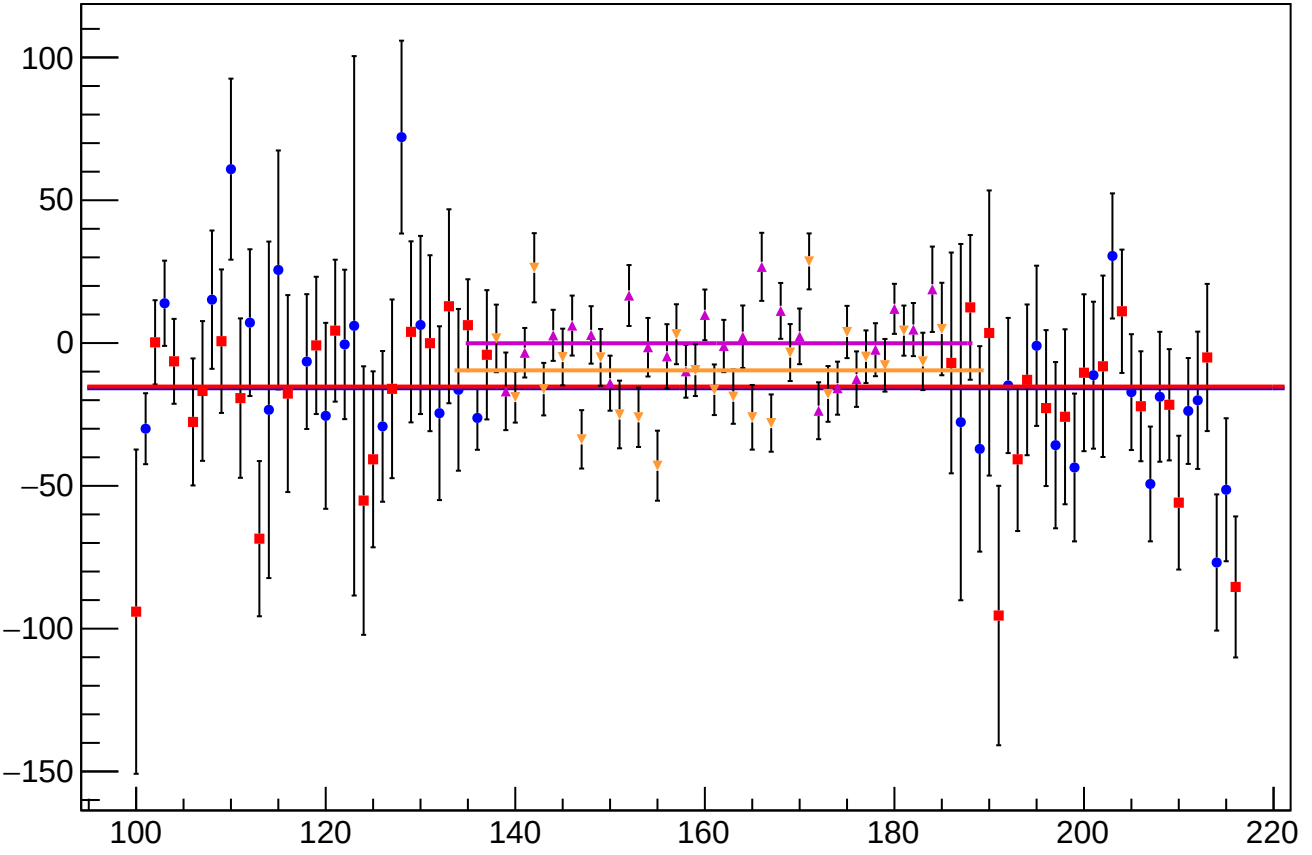
Left In: 6521.975+/-1.116 χ^2/NDF:480034.7/22

+ sign 6152.766+/-0.743 χ^2/NDF: 2305638.1/56

All: 6123.659+/-0.526 χ^2/NDF: 5281079.7/11

- sign 6094.501+/-0.744 χ^2/NDF: 2972372.0/57

diff_bpm1X_mean vs Slug



Right In: -15.823+/-4.108 χ^2/NDF: 42.1/31

Left Out: -9.554+/-2.012 χ^2/NDF:59.5/24

Right Out: -15.235+/-4.222 χ^2/NDF: 32.4/34

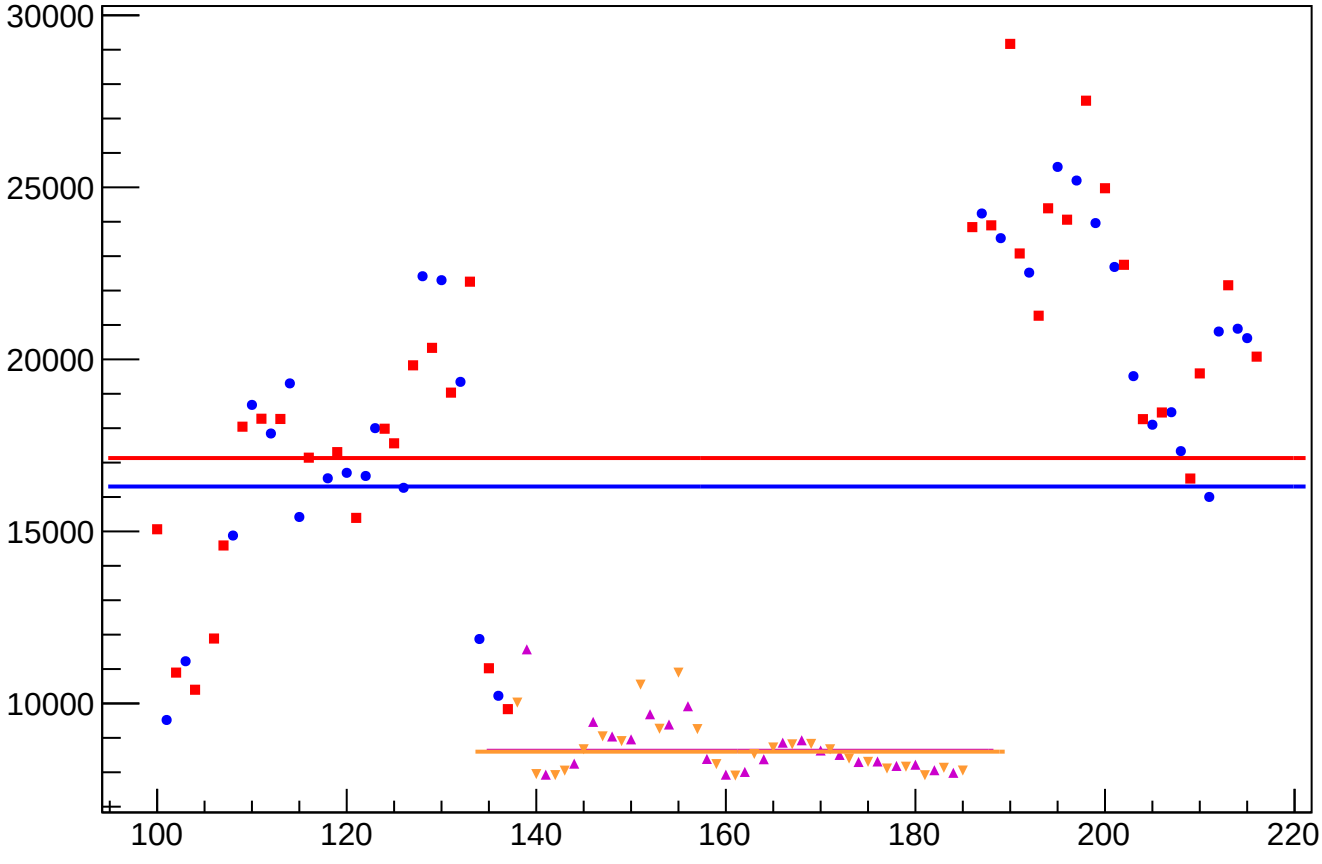
Left In: -0.072+/-2.073 χ^2/NDF:29.8/22

+ sign -10.767+/-1.807 χ^2/NDF: 103.5/56

All: -7.005+/-1.296 χ^2/NDF: 185.1/114

- sign -3.017+/-1.861 χ^2/NDF: 72.7/57

diff_bpm1X_rms vs Slug



Right In: 16305.022+/-2.905 χ^2/NDF: 2908504.6/31

Left Out: 8598.983+/-1.423 χ^2/NDF:249070.5/24

Right Out: 17132.216+/-2.985 χ^2/NDF: 2795518.8/34

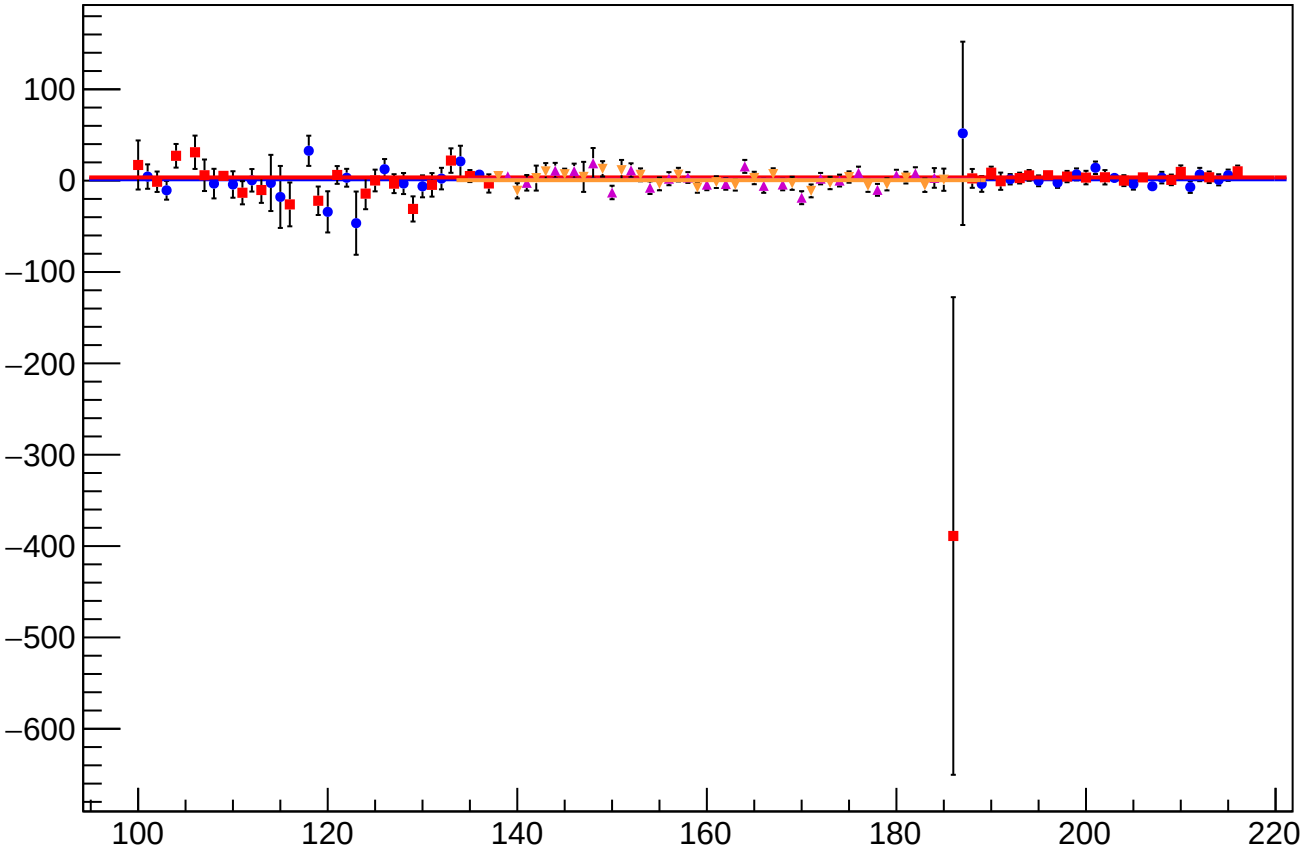
Left In: 8625.233+/-1.466 χ^2/NDF:237310.9/22

+ sign 10089.333+/-1.278 χ^2/NDF: 8832981.2/56

All: 10180.746+/-0.917 χ^2/NDF: 18420417.8

- sign 10277.682+/-1.316 χ^2/NDF: 9576888.2/57

diff_bpm1Y_mean vs Slug



Right In: 1.507+/-1.417 χ^2/NDF: 25.2/31

Left Out: 0.528+/-1.418 χ^2/NDF:19.5/24

Right Out: 3.538+/-1.374 χ^2/NDF: 29.7/34

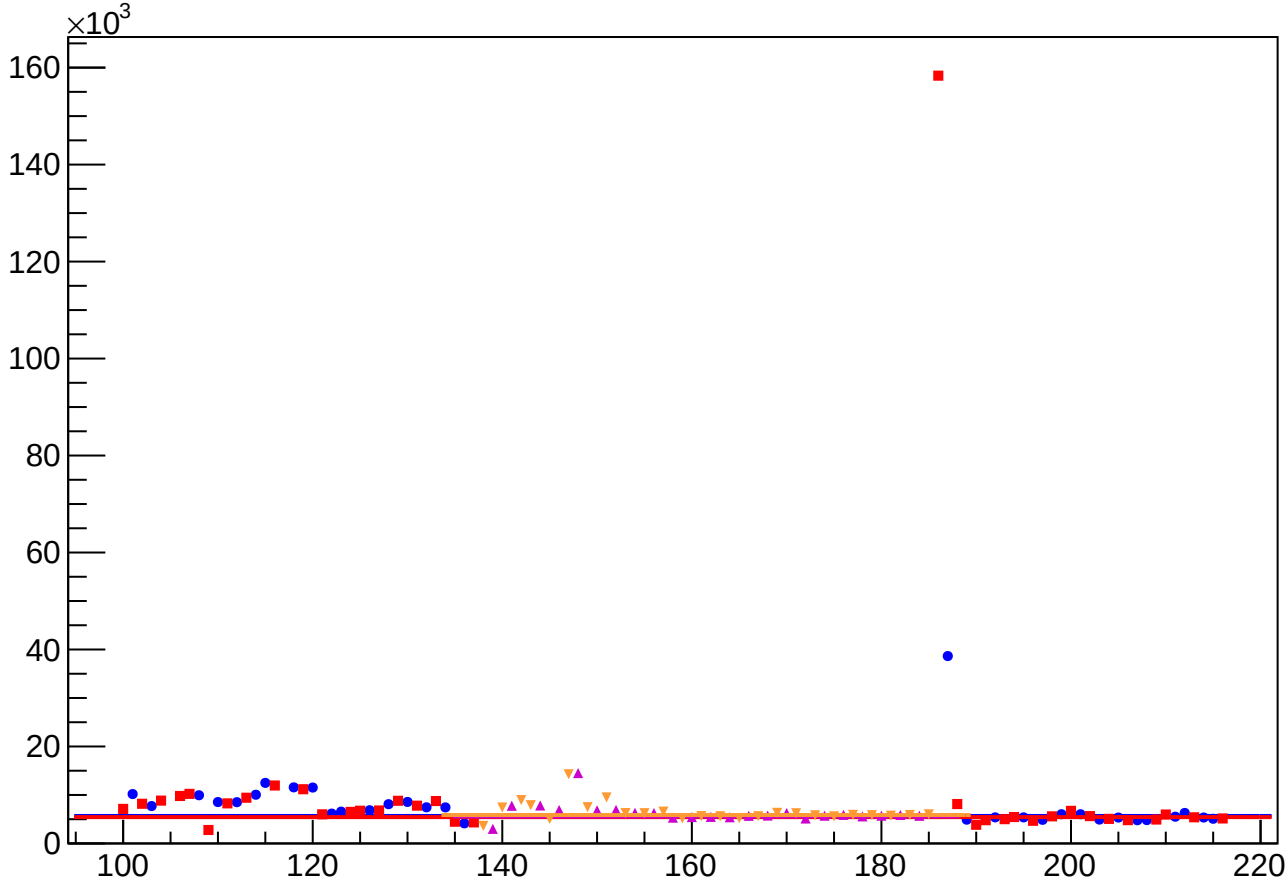
Left In: 1.050+/-1.396 χ^2/NDF:32.5/22

+ sign 1.018+/-1.002 χ^2/NDF: 44.9/56

All: 1.681+/-0.700 χ^2/NDF: 109.6/114

- sign 2.313+/-0.979 χ^2/NDF: 63.8/57

diff_bpm1Y_rms vs Slug



Right In: 5669.374+/-1.002 χ^2/NDF: 2135486.6/31

Left Out: 5860.605+/-1.002 χ^2/NDF:1690049.2/24

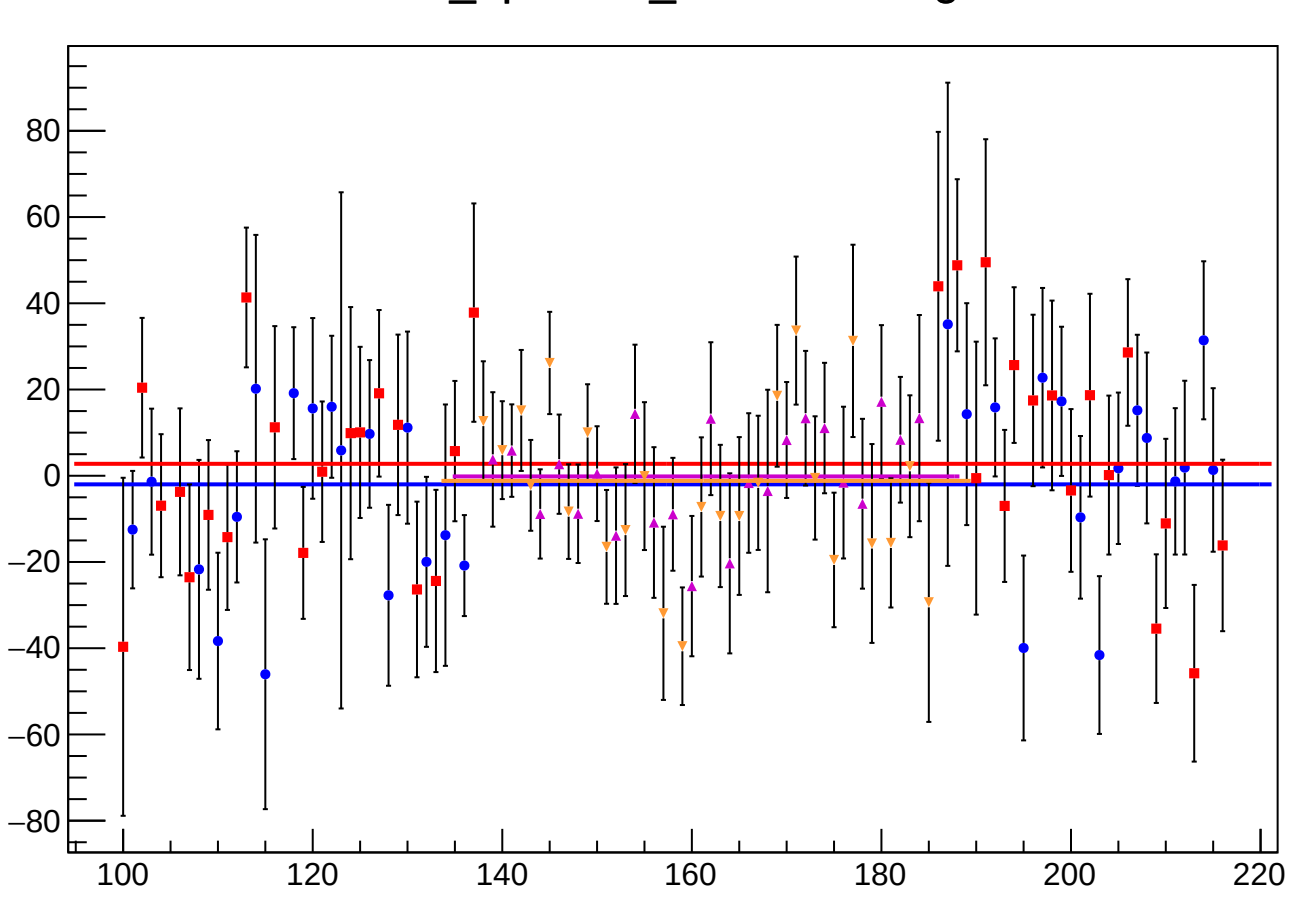
Right Out: 5431.397+/-0.971 χ^2/NDF: 3466027.7/34

Left In: 5571.330+/-0.987 χ^2/NDF:2162788.3/22

+ sign 5764.941+/-0.709 χ^2/NDF: 3843741.9/56

All: 5629.512+/-0.495 χ^2/NDF: 9554151.8/11

- sign 5500.264+/-0.692 χ^2/NDF: 5639028.1/57



Right In: -1.994+/-3.367 χ^2/NDF: 34.1/31

Left Out: -1.182+/-2.939 χ^2/NDF:33.7/24

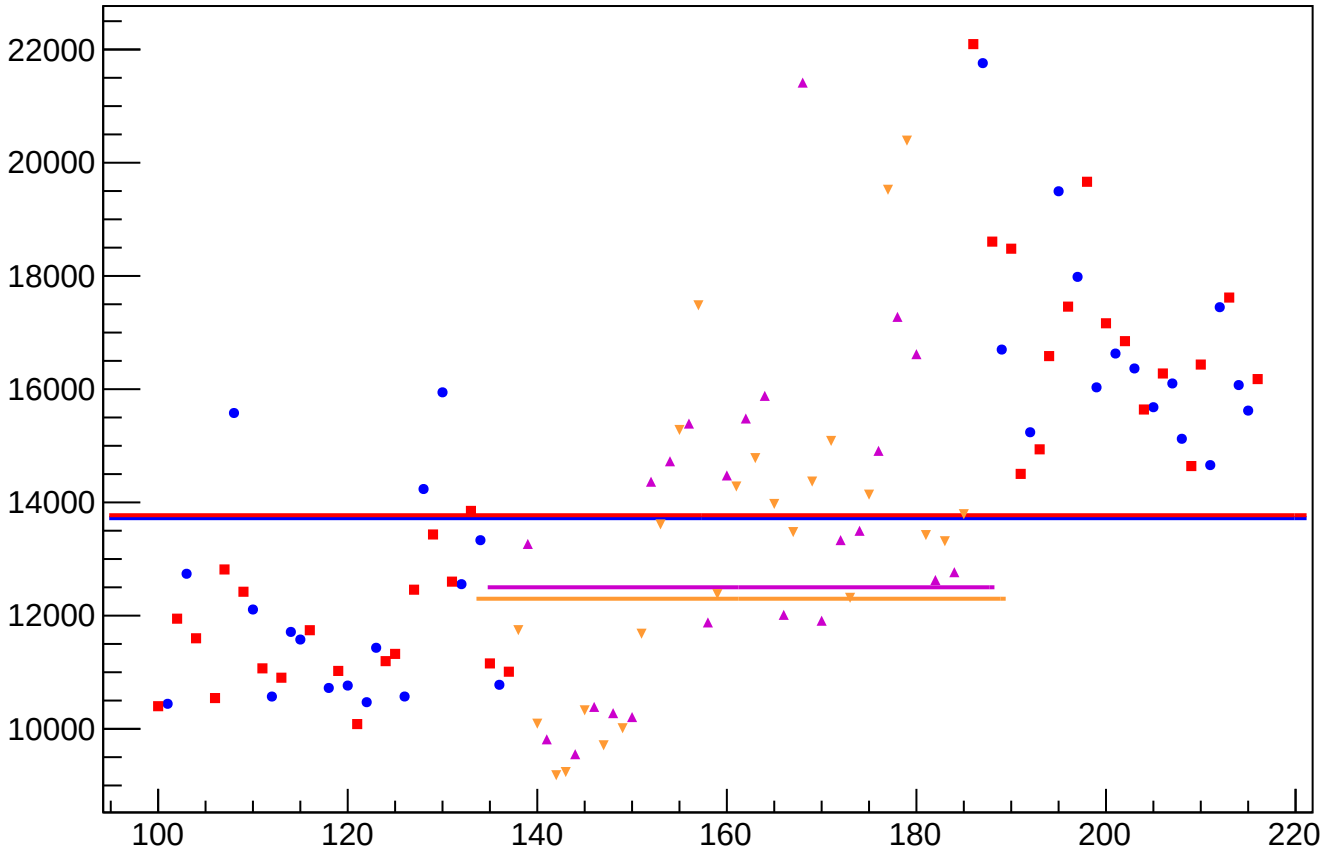
Right Out: 2.769+/-3.327 χ^2/NDF: 47.3/34

Left In: -0.157+/-3.058 χ^2/NDF:11.5/22

+ sign -1.533+/-2.214 χ^2/NDF: 67.8/56

All: -0.198+/-1.579 χ^2/NDF: 127.8/114

- sign 1.183+/-2.251 χ^2/NDF: 59.2/57



Right In: 13721.387+/-2.381 χ^2/NDF: 1306426.6/31

Left Out: 12298.676+/-2.078 χ^2/NDF:1506026.8/24

Right Out: 13773.737+/-2.352 χ^2/NDF: 1424720.2/34

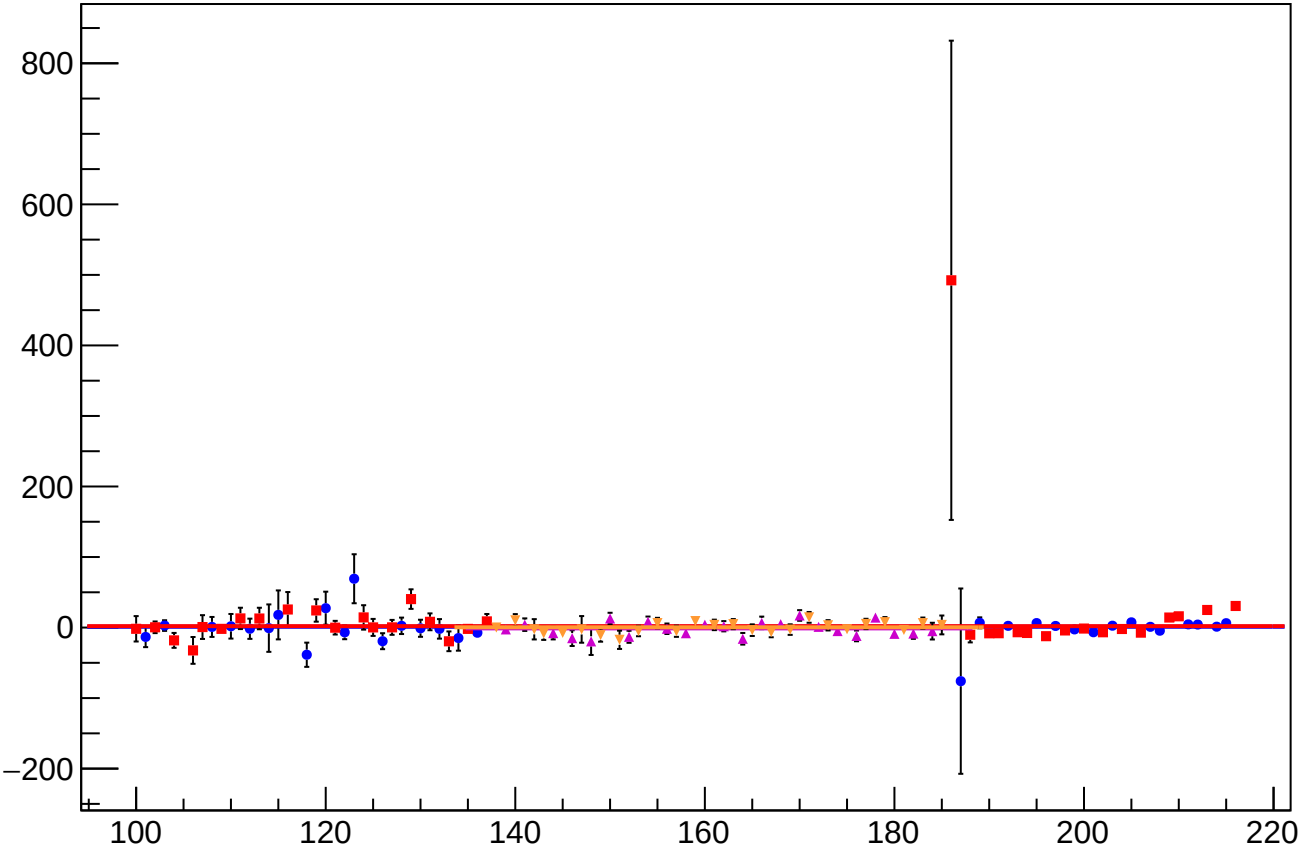
Left In: 12500.795+/-2.162 χ^2/NDF:1357889.1/22

+ sign 12913.824+/-1.566 χ^2/NDF: 3015115.3/56

All: 12997.389+/-1.116 χ^2/NDF: 5962233.4/1

- sign 13083.786+/-1.592 χ^2/NDF: 2941323.9/57

diff_bpm11Y_mean vs Slug



Right In: 1.143+/-1.160 χ^2/NDF: 30.5/31

Left Out: 0.353+/-1.433 χ^2/NDF:19.1/24

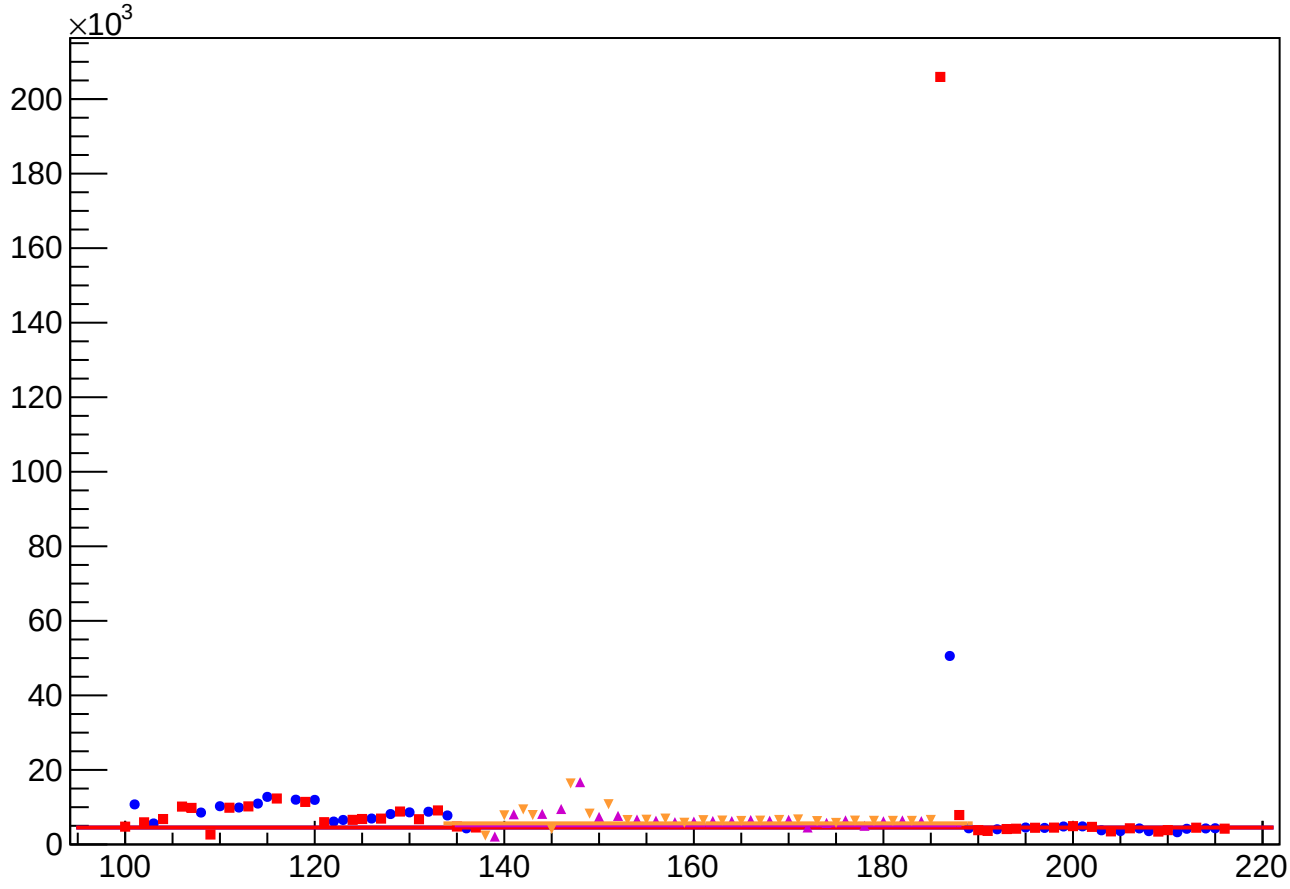
Right Out: 1.983+/-1.168 χ^2/NDF: 122.5/34

Left In: -1.165+/-1.371 χ^2/NDF:33.6/22

\+ sign 0.830+/-0.902 χ^2/NDF: 49.8/56

All: 0.744+/-0.633 χ^2/NDF: 209.0/114

\- sign 0.660+/-0.889 χ^2/NDF: 159.2/57



Right In: 4537.205+/-0.820 χ^2/NDF: 3444396.9/31

Left Out: 5659.441+/-1.014 χ^2/NDF:4128583.6/24

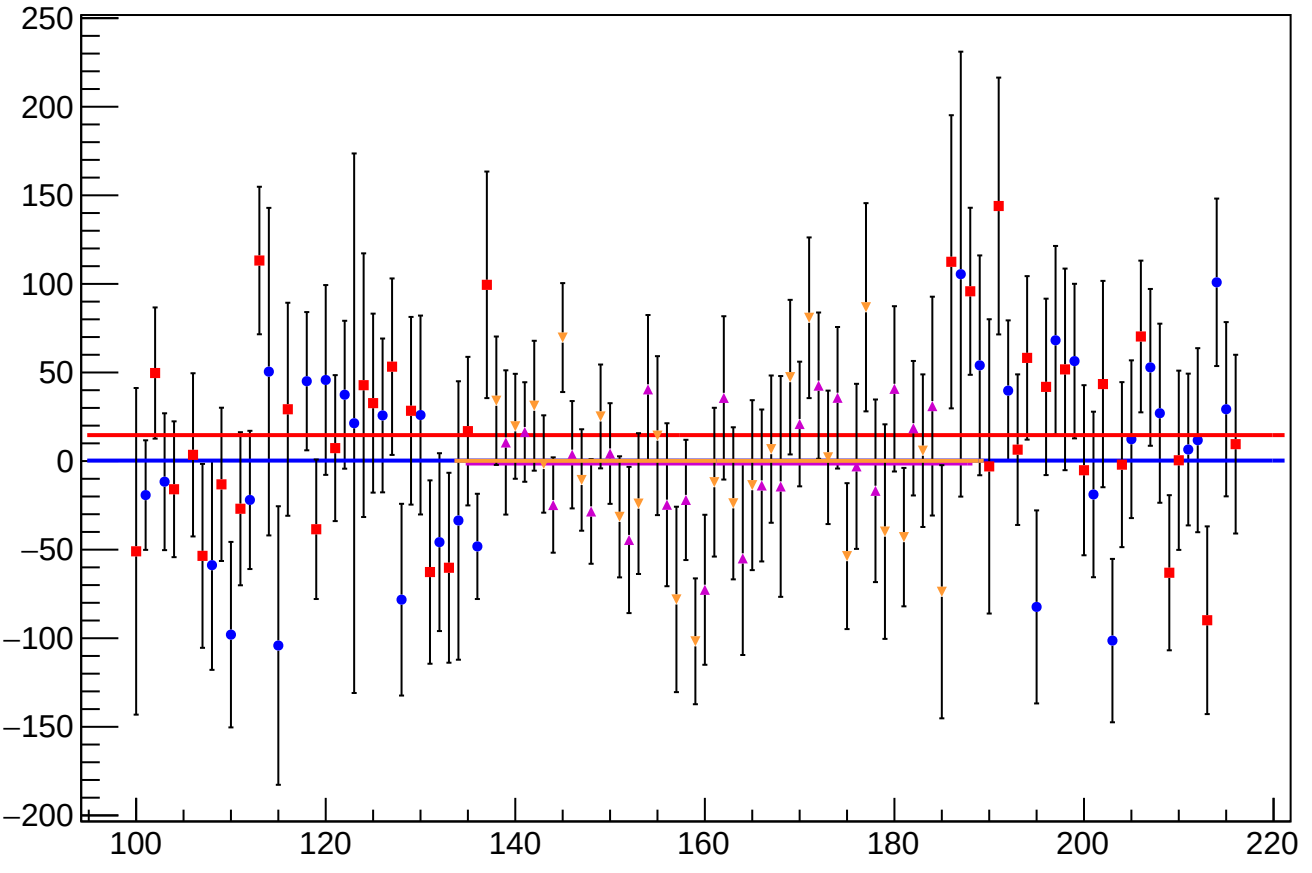
Right Out: 4540.883+/-0.826 χ^2/NDF: 3966381.9/34

Left In: 5137.772+/-0.970 χ^2/NDF:5495609.7/22

+ sign 4981.479+/-0.638 χ^2/NDF: 8313583.1/56

All: 4885.305+/-0.448 χ^2/NDF: 18040018.9/1

- sign 4791.819+/-0.629 χ^2/NDF: 9681586.1/57



Right In: 0.274+/-8.423 χ^2/NDF: 36.4/31

Left Out: 0.143+/-7.683 χ^2/NDF:31.3/24

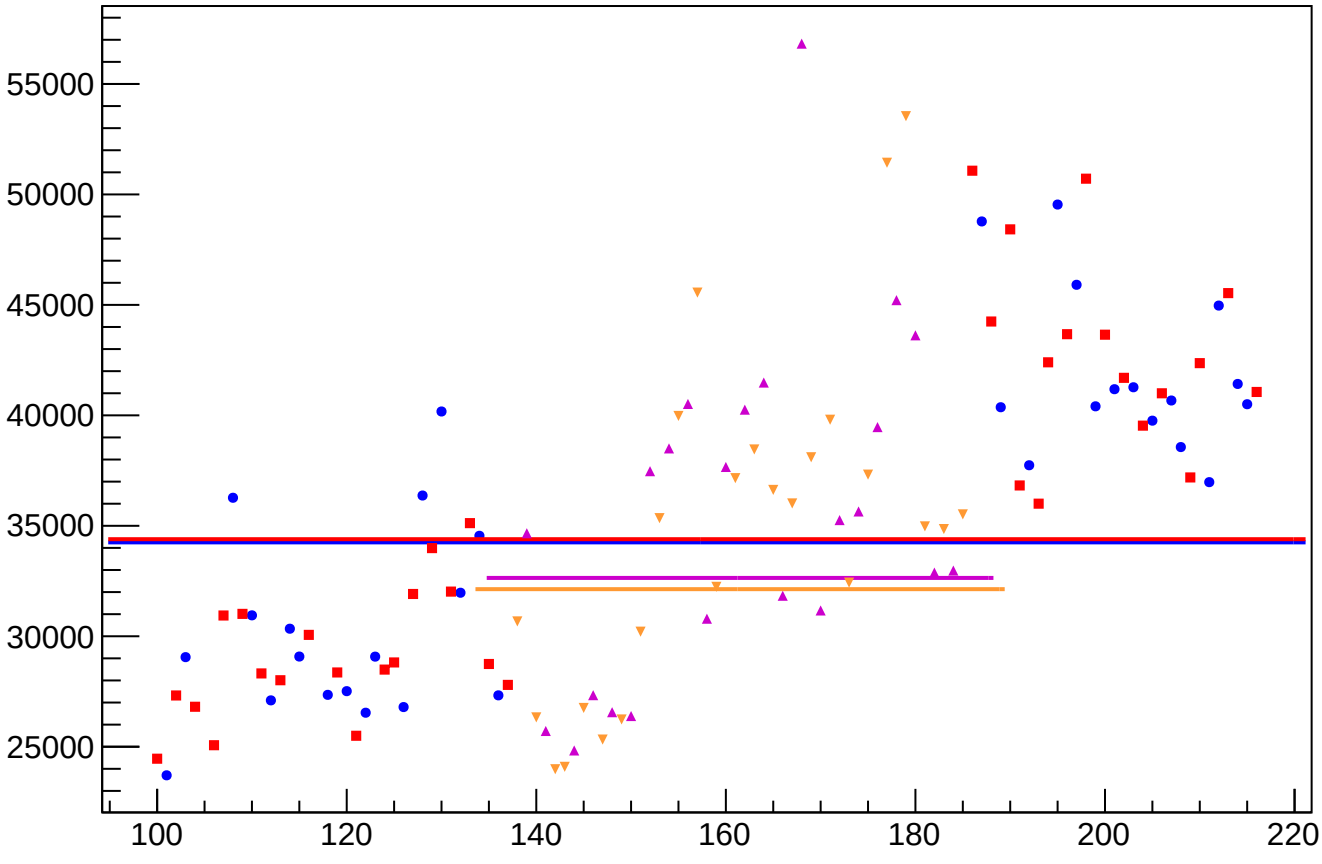
Right Out: 14.647+/-8.316 χ^2/NDF: 38.2/34

Left In: -1.374+/-7.990 χ^2/NDF:13.3/22

+ sign 0.202+/-5.677 χ^2/NDF: 67.6/56

All: 3.214+/-4.044 χ^2/NDF: 121.6/114

- sign 6.316+/-5.762 χ^2/NDF: 53.4/57



Right In: 34250.133+/-5.956 χ^2/NDF: 1424823.5/31

Left Out: 32132.314+/-5.433 χ^2/NDF:1540079.4/24

Right Out: 34394.204+/-5.880 χ^2/NDF: 1503044.3/34

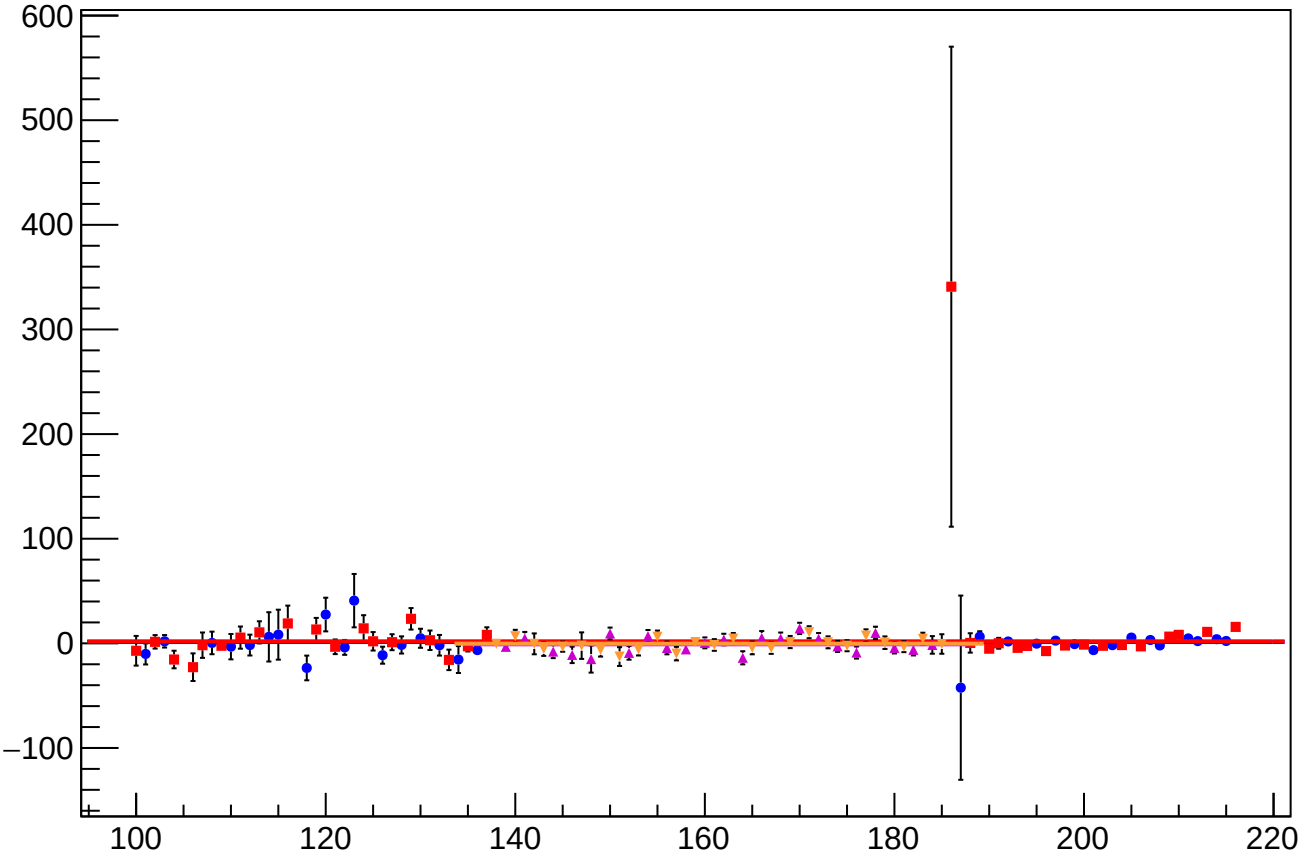
Left In: 32641.162+/-5.650 χ^2/NDF:1402162.4/22

+ sign 33094.115+/-4.014 χ^2/NDF: 3033913.0/56

All: 33285.499+/-2.859 χ^2/NDF: 5989947.4/1

- sign 33482.670+/-4.074 χ^2/NDF: 2951419.0/57

diff_bpm12Y_mean vs Slug



Right In: 1.267+/-0.674 χ^2/NDF: 40.2/31

Left Out: -0.312+/-1.172 χ^2/NDF:17.6/24

Right Out: 1.945+/-0.717 χ^2/NDF: 103.2/34

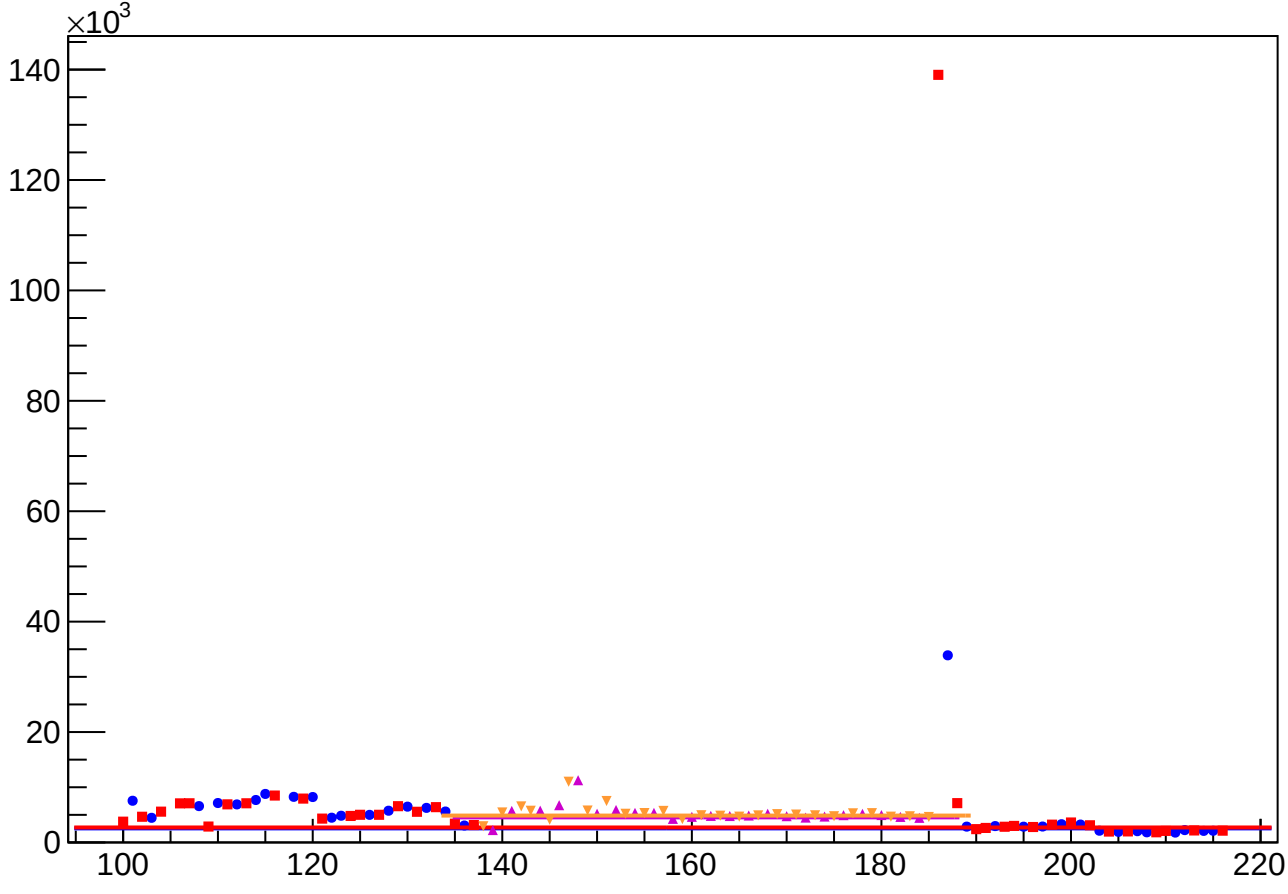
Left In: -0.908+/-1.142 χ^2/NDF:36.2/22

\+ sign 0.874+/-0.584 χ^2/NDF: 59.3/56

All: 1.002+/-0.421 χ^2/NDF: 203.2/114

\- sign 1.140+/-0.607 χ^2/NDF: 143.8/57

diff_bpm12Y_rms vs Slug



Right In: 2548.121+/-0.477 χ^2/NDF: 5504705.8/31

Left Out: 4868.567+/-0.829 χ^2/NDF:1511151.0/24

Right Out: 2713.144+/-0.507 χ^2/NDF: 5935162.9/34

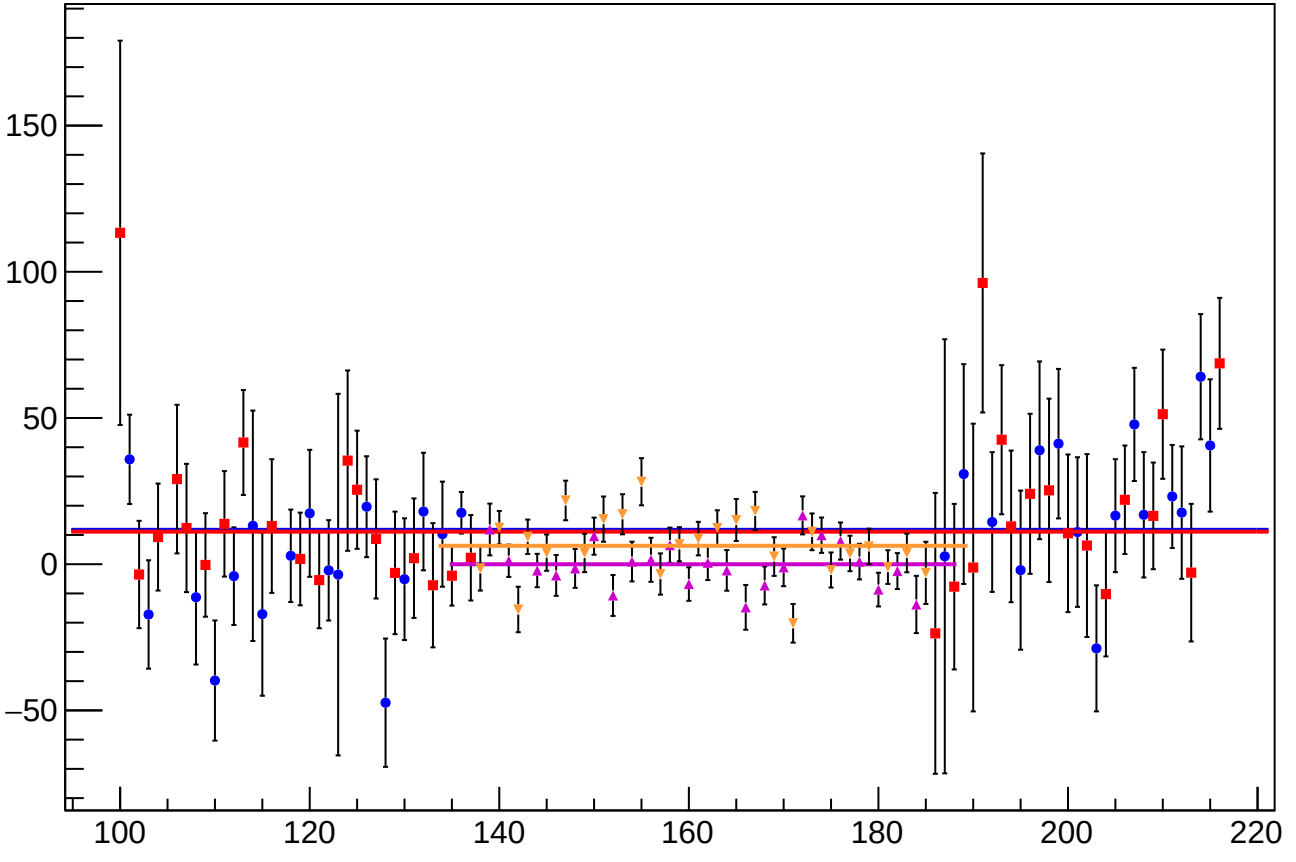
Left In: 4544.337+/-0.808 χ^2/NDF:2634314.4/22

+ sign 3125.404+/-0.413 χ^2/NDF: 12908657.7/56

All: 3175.874+/-0.298 χ^2/NDF: 25197989.9/1

- sign 3230.322+/-0.429 χ^2/NDF: 12258323.7/57

diff_bpm16X_mean vs Slug



Right In: 11.751+/-3.392 χ^2/NDF: 42.1/31

Left Out: 6.296+/-1.310 χ^2/NDF:56.5/24

Right Out: 11.132+/-3.532 χ^2/NDF: 31.7/34

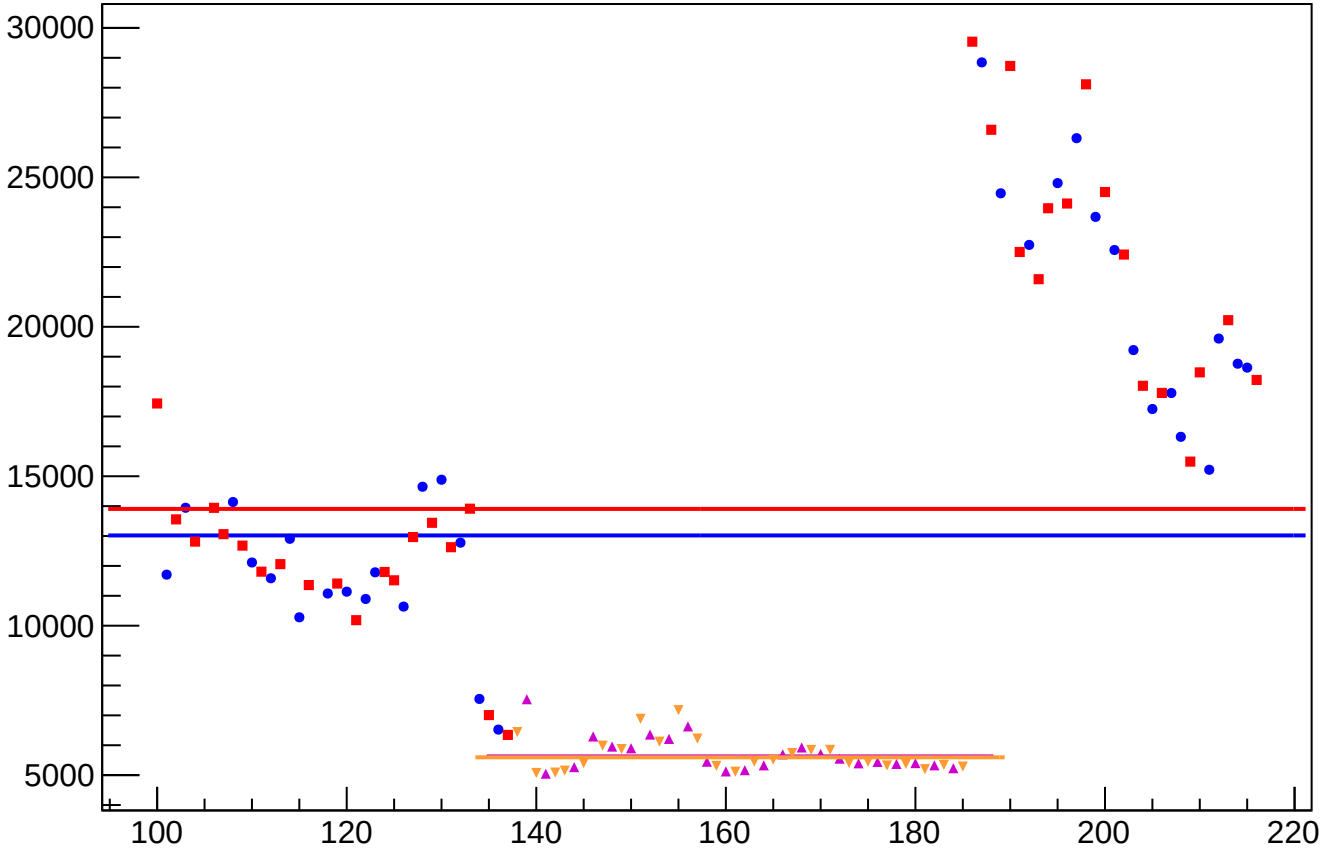
Left In: -0.020+/-1.353 χ^2/NDF:29.9/22

+ sign 7.004+/-1.222 χ^2/NDF: 100.8/56

All: 4.299+/-0.878 χ^2/NDF: 181.3/114

- sign 1.407+/-1.264 χ^2/NDF: 70.4/57

diff_bpm16X_rms vs Slug



Right In: 13019.624+/-2.398 χ^2/NDF: 4946013.6/31

Left Out: 5596.370+/-0.926 χ^2/NDF:283998.1/24

Right Out: 13906.969+/-2.497 χ^2/NDF: 4729184.4/34

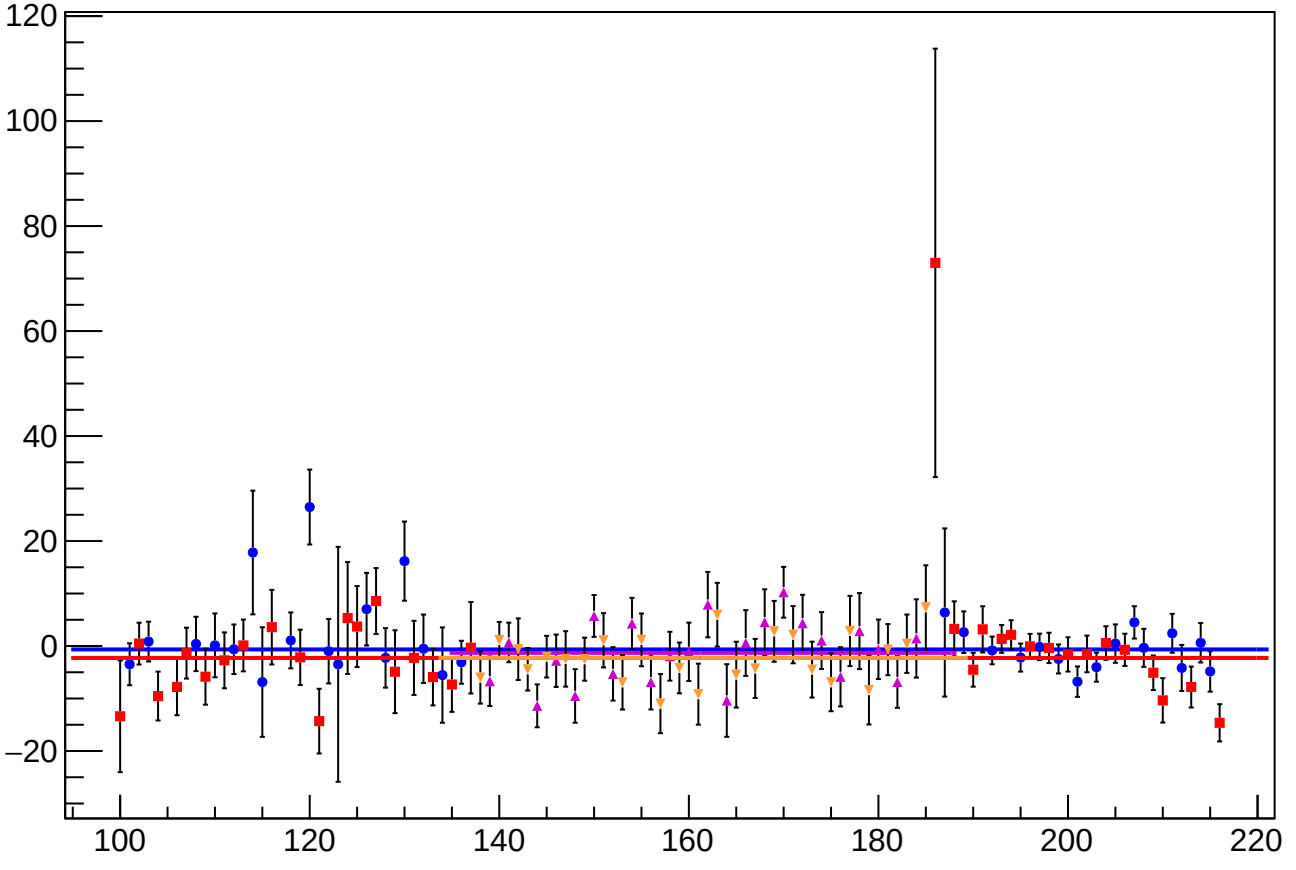
Left In: 5627.283+/-0.957 χ^2/NDF:279318.7/22

+ sign 6560.293+/-0.864 χ^2/NDF: 13566873.7/56

All: 6621.542+/-0.621 χ^2/NDF: 28170694.0/1

- sign 6687.008+/-0.893 χ^2/NDF: 14593428.1/57

diff_bpm16Y_mean vs Slug



Right In: -0.648+/-0.723 χ^2/NDF: 38.2/31

Left Out: -2.268+/-1.029 χ^2/NDF:15.4/24

Right Out: -2.278+/-0.710 χ^2/NDF: 47.8/34

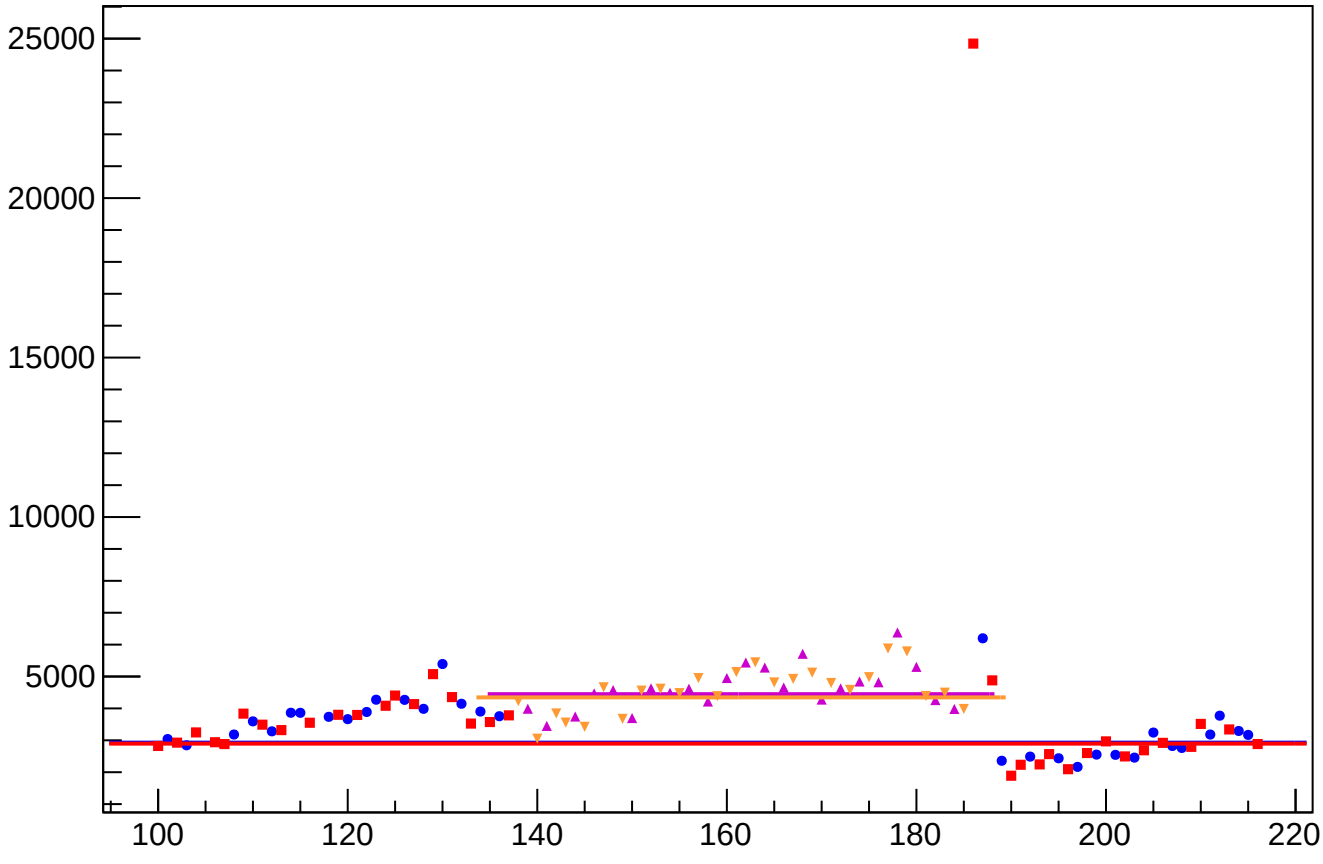
Left In: -1.305+/-1.077 χ^2/NDF:30.8/22

+ sign -1.183+/-0.591 χ^2/NDF: 55.3/56

All: -1.582+/-0.419 χ^2/NDF: 135.3/114

- sign -1.984+/-0.593 χ^2/NDF: 79.2/57

diff_bpm16Y_rms vs Slug



Right In: 2926.693+/-0.511 χ^2/NDF: 1419685.4/31

Left Out: 4345.381+/-0.728 χ^2/NDF:1000636.1/24

Right Out: 2896.060+/-0.502 χ^2/NDF: 2338445.3/34

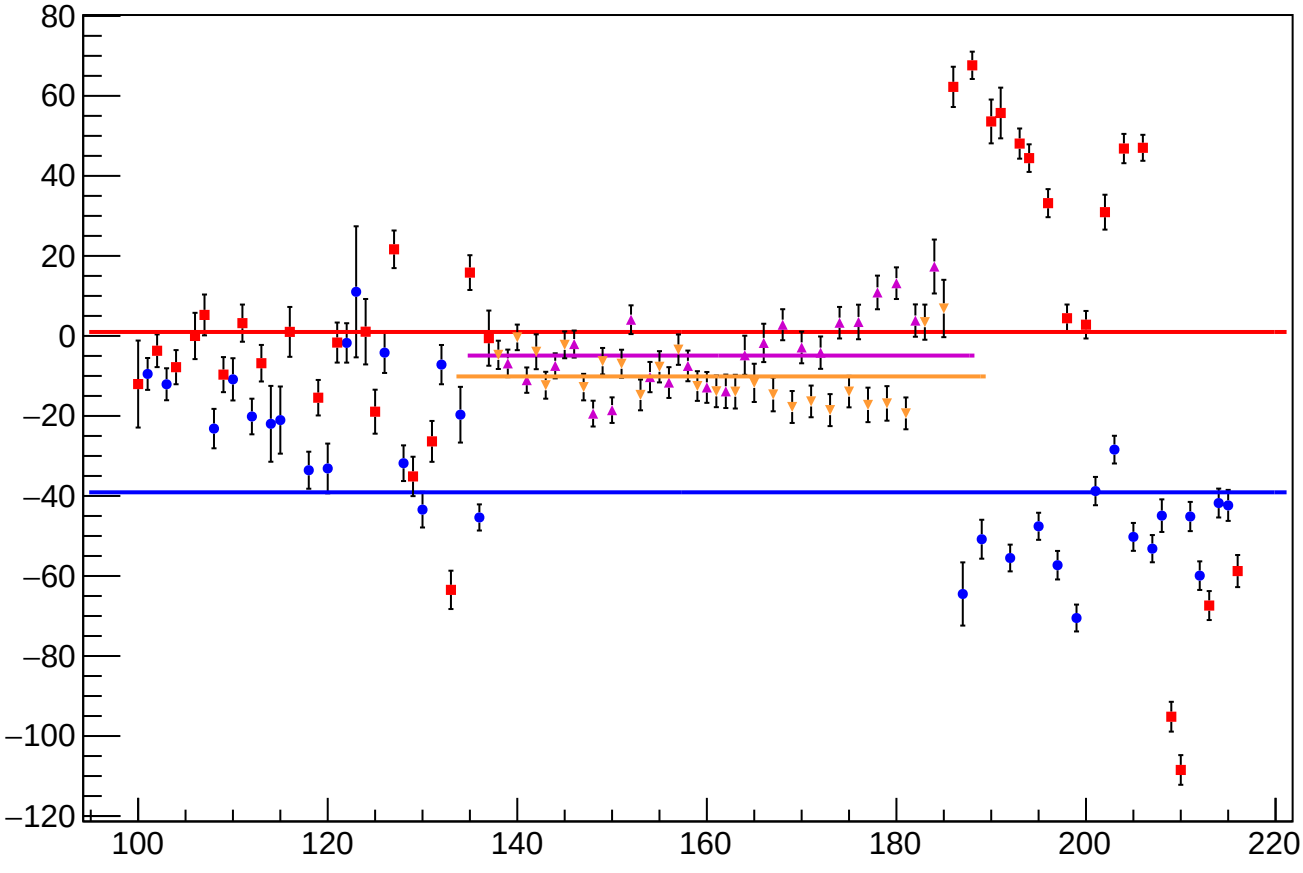
Left In: 4446.181+/-0.762 χ^2/NDF:702797.6/22

+ sign 3394.917+/-0.418 χ^2/NDF: 4965117.4/56

All: 3380.129+/-0.296 χ^2/NDF: 10897590.5/1

- sign 3365.281+/-0.419 χ^2/NDF: 5929967.0/57

diff_bpm0l01X_mean vs Slug



Right In: -39.089+/-0.749 χ^2/NDF: 576.9/31

Left Out: -10.125+/-0.775 χ^2/NDF:67.9/24

Right Out: 0.987+/-0.737 χ^2/NDF: 3955.7/34

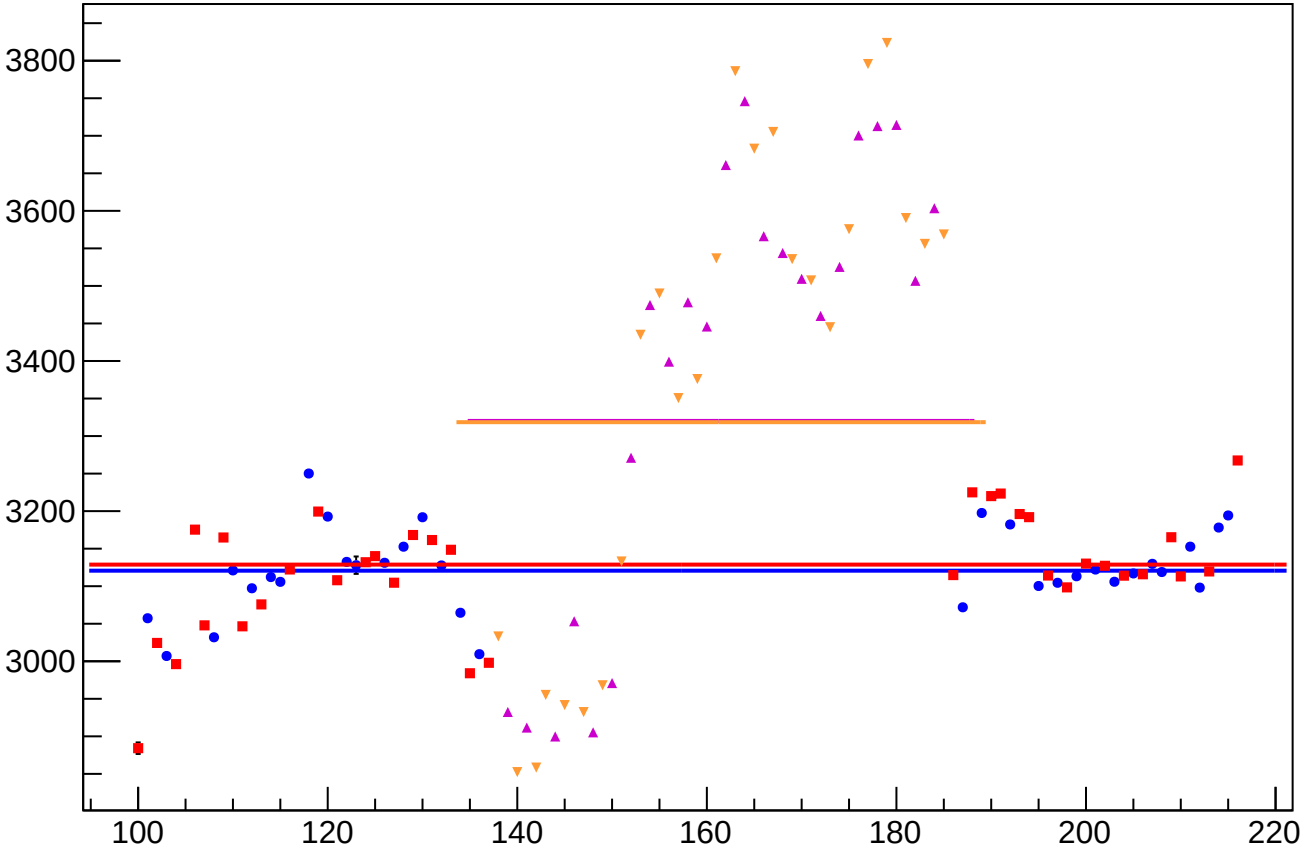
Left In: -4.911+/-0.797 χ^2/NDF:127.9/22

+ sign -25.110+/-0.539 χ^2/NDF: 1366.6/56

All: -13.478+/-0.382 χ^2/NDF: 6416.6/114

- sign -1.733+/-0.541 χ^2/NDF: 4113.1/57

diff_bpm0l01X_rms vs Slug



Right In: 3120.667+/-0.530 χ^2/NDF: 10644.2/31

Left Out: 3318.506+/-0.548 χ^2/NDF:337694.2/24

Right Out: 3128.760+/-0.521 χ^2/NDF: 16496.1/34

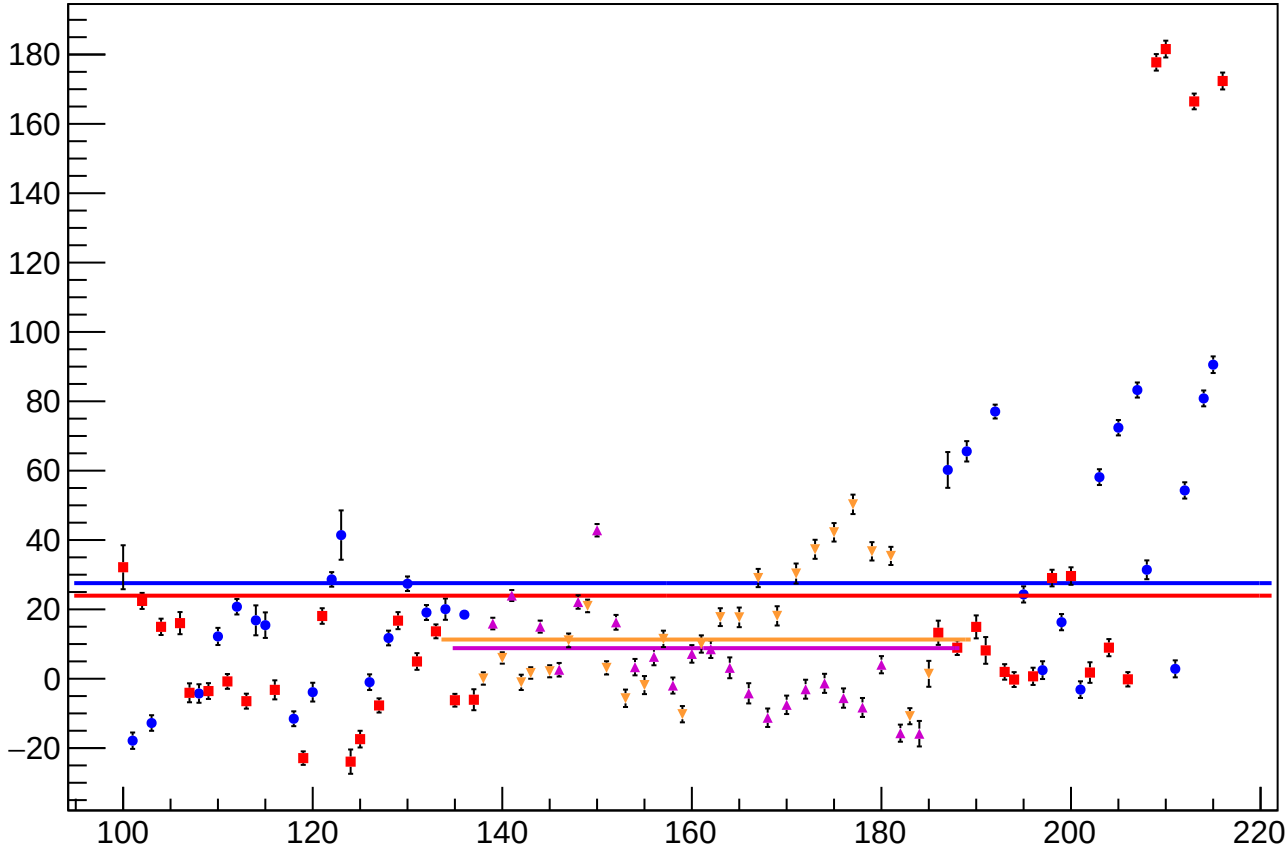
Left In: 3320.170+/-0.564 χ^2/NDF:287634.9/22

+ sign 3216.153+/-0.381 χ^2/NDF: 415686.5/56

All: 3216.592+/-0.270 χ^2/NDF: 781955.8/114

- sign 3217.036+/-0.383 χ^2/NDF: 366266.6/57

diff_bpm0l01Y_mean vs Slug



Right In: 27.564+/-0.419 χ^2/NDF: 5463.9/31

Left Out: 11.305+/-0.454 χ^2/NDF:1144.3/24

Right Out: 23.952+/-0.411 χ^2/NDF: 19193.8/34

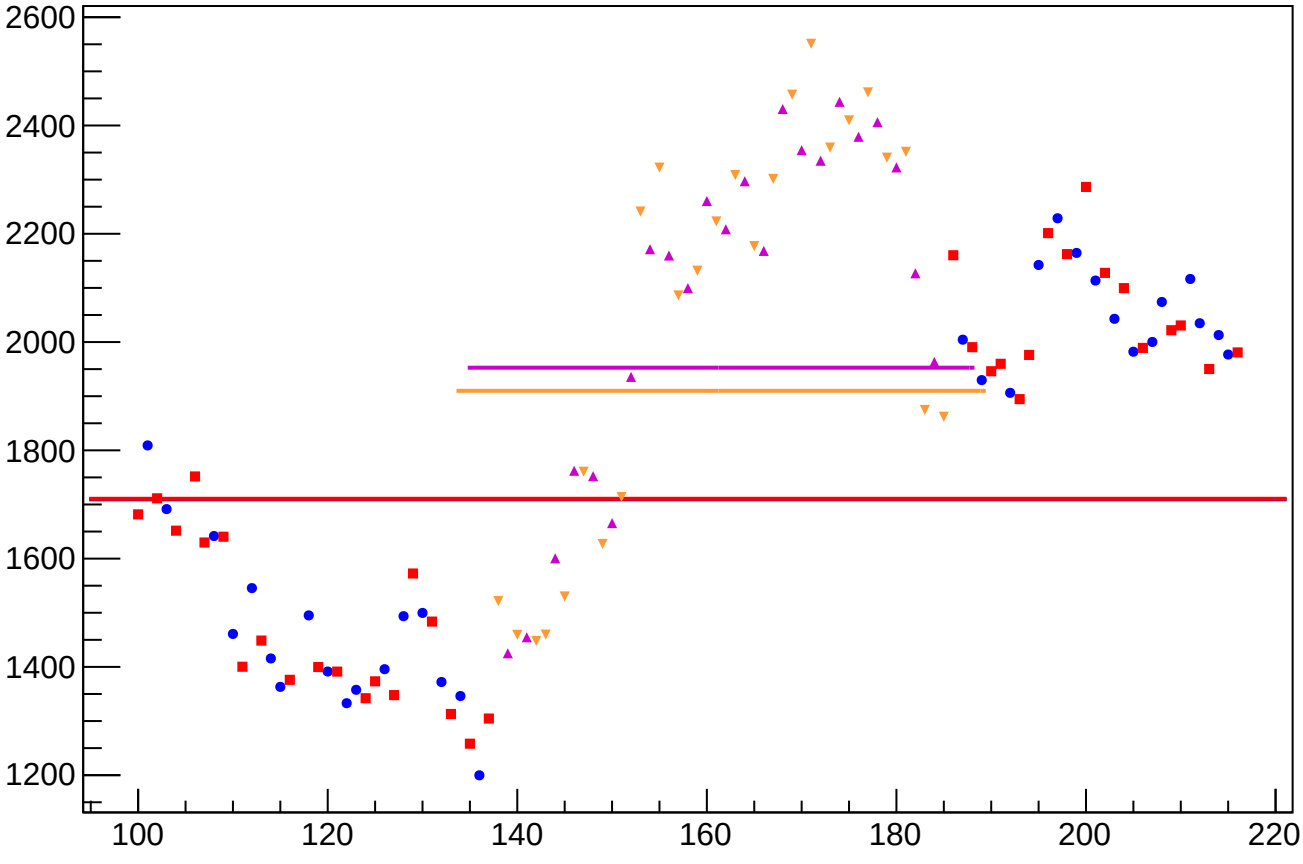
Left In: 8.815+/-0.475 χ^2/NDF:942.2/22

\+ sign 20.091+/-0.308 χ^2/NDF: 7301.7/56

All: 18.799+/-0.219 χ^2/NDF: 28053.8/114

\- sign 17.482+/-0.311 χ^2/NDF: 20716.5/57

diff_bpm0l01Y_rms vs Slug



Right In: 1709.584+/-0.296 χ^2/NDF: 1257917.4/31

Left Out: 1909.963+/-0.321 χ^2/NDF:1399467.7/24

Right Out: 1710.504+/-0.290 χ^2/NDF: 1208419.9/34

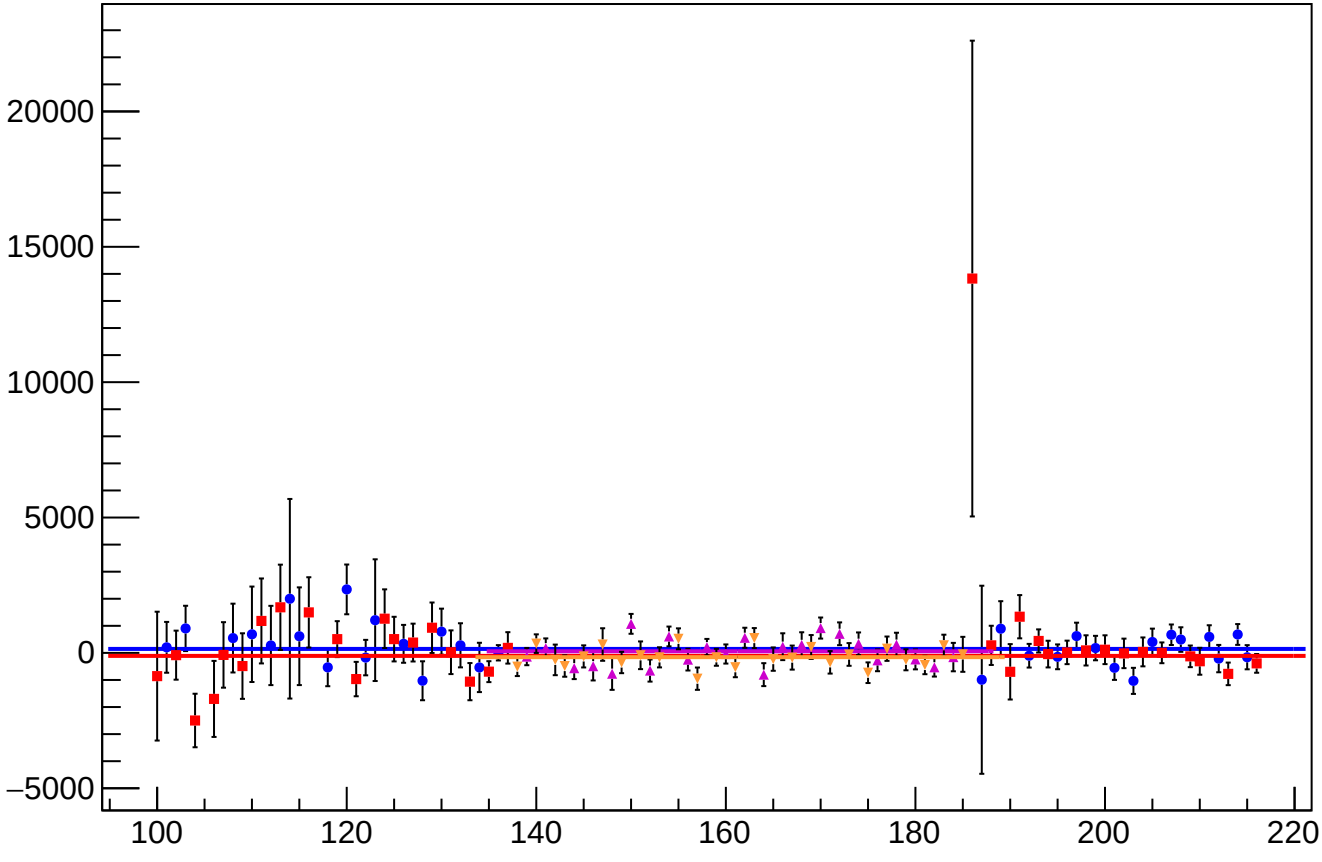
Left In: 1952.637+/-0.336 χ^2/NDF:1065333.8/22

+ sign 1801.685+/-0.218 χ^2/NDF: 2868053.6/56

All: 1807.781+/-0.155 χ^2/NDF: 5440495.3/11

- sign 1813.999+/-0.220 χ^2/NDF: 2570856.0/57

asym_sam1_mean vs Slug



Right In: 147.187+/-101.493 χ^2/NDF: 30.1/31

Left Out: -157.242+/-80.796 χ^2/NDF:22.0/24

Right Out: -110.578+/-103.452 χ^2/NDF: 33.9/34

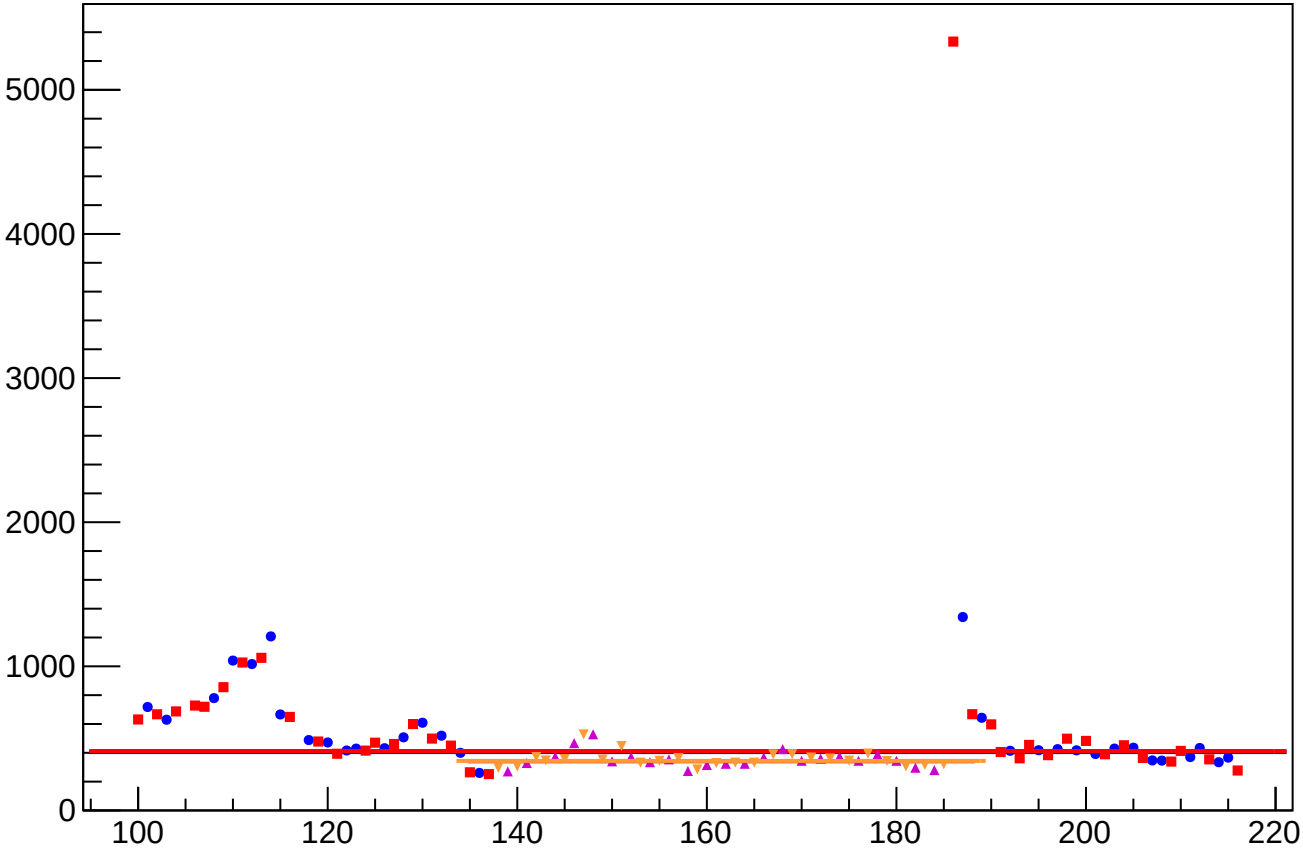
Left In: 58.934+/-82.584 χ^2/NDF:38.5/22

+ sign -39.152+/-63.212 χ^2/NDF: 57.7/56

All: -23.433+/-45.160 χ^2/NDF: 131.9/114

- sign -7.045+/-64.541 χ^2/NDF: 74.1/57

asym_sam1_rms vs Slug



Right In: 405.079+/-0.072 χ^2/NDF: 2498783.2/31

Left Out: 343.807+/-0.057 χ^2/NDF:539431.0/24

Right Out: 412.500+/-0.073 χ^2/NDF: 3664647.6/34

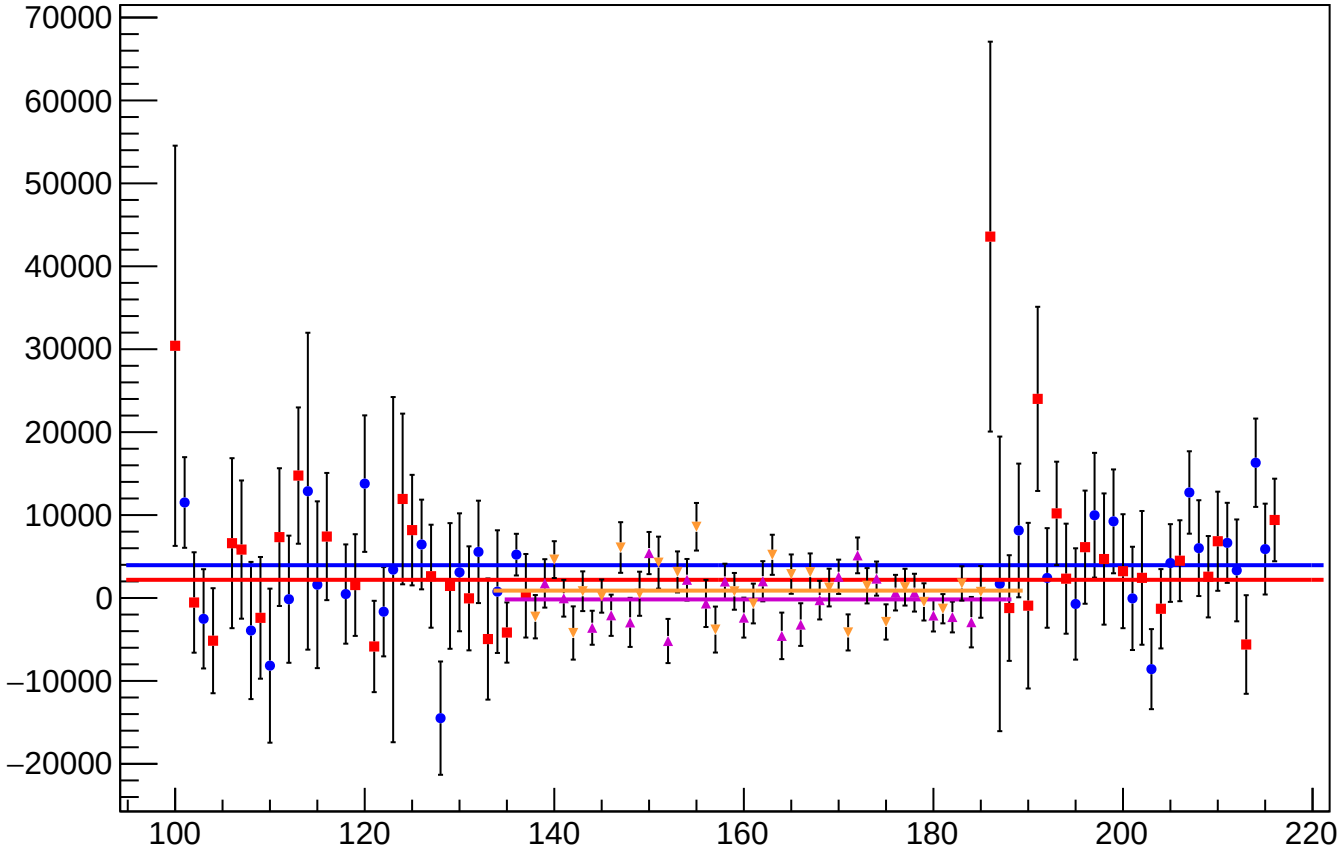
Left In: 340.876+/-0.058 χ^2/NDF:724672.0/22

+ sign 367.575+/-0.045 χ^2/NDF: 3484392.1/56

All: 368.152+/-0.032 χ^2/NDF: 8459584.7/114

- sign 368.754+/-0.046 χ^2/NDF: 4974851.7/57

asym_sam2_mean vs Slug



Right In: 3954.723+/-1048.636 χ^2/NDF: 35.5/31

Left Out: 890.395+/-473.262 χ^2/NDF:38.0/24

Right Out: 2192.960+/-1099.004 χ^2/NDF: 29.7/34

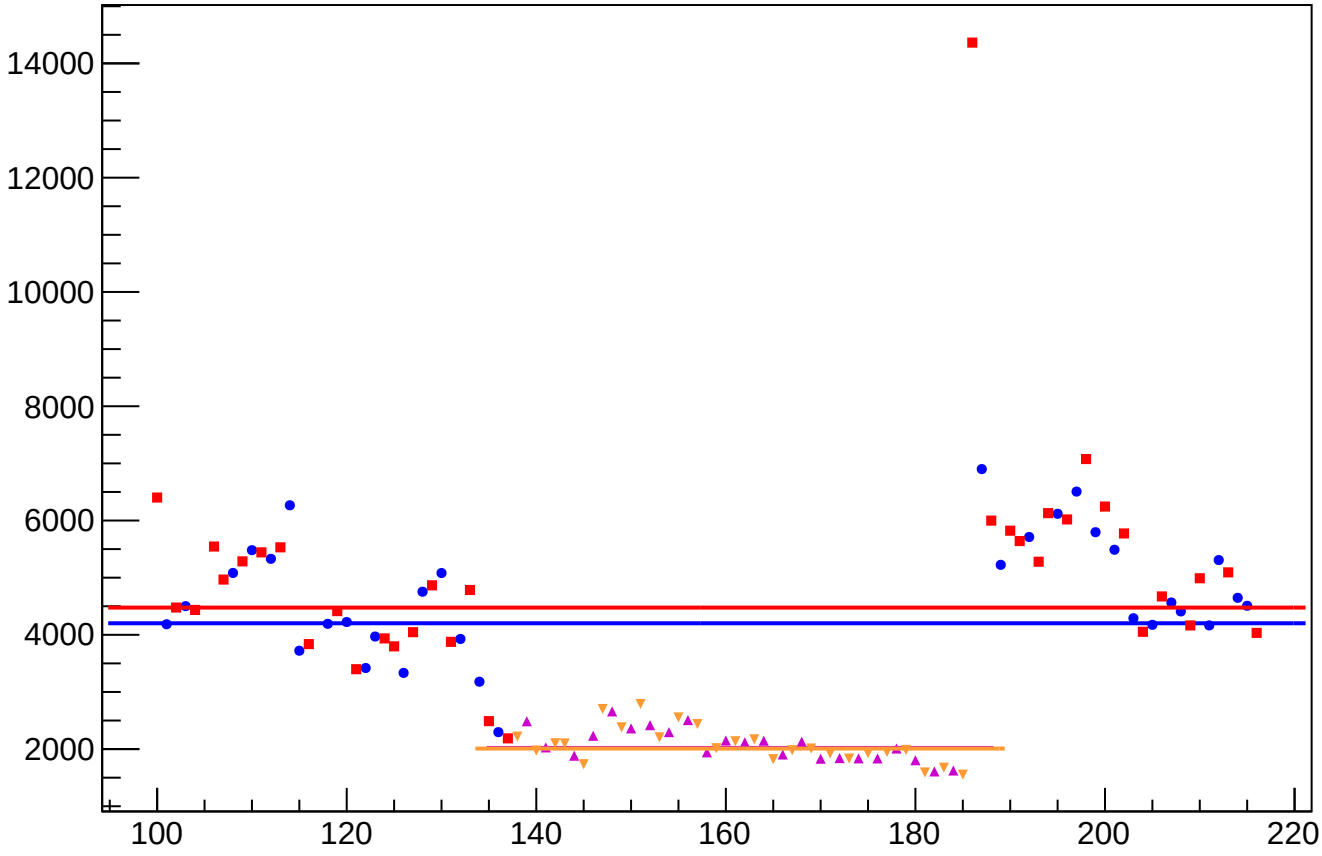
Left In: -172.391+/-488.067 χ^2/NDF:33.2/22

+ sign 1408.929+/-431.366 χ^2/NDF: 80.6/56

All: 833.046+/-310.086 χ^2/NDF: 151.0/114

- sign 217.265+/-446.059 χ^2/NDF: 66.7/57

asym_sam2_rms vs Slug



Right In: 4202.171+/-0.741 χ^2/NDF: 2336764.2/31

Left Out: 2009.631+/-0.335 χ^2/NDF:709977.6/24

Right Out: 4476.710+/-0.777 χ^2/NDF: 2556465.3/34

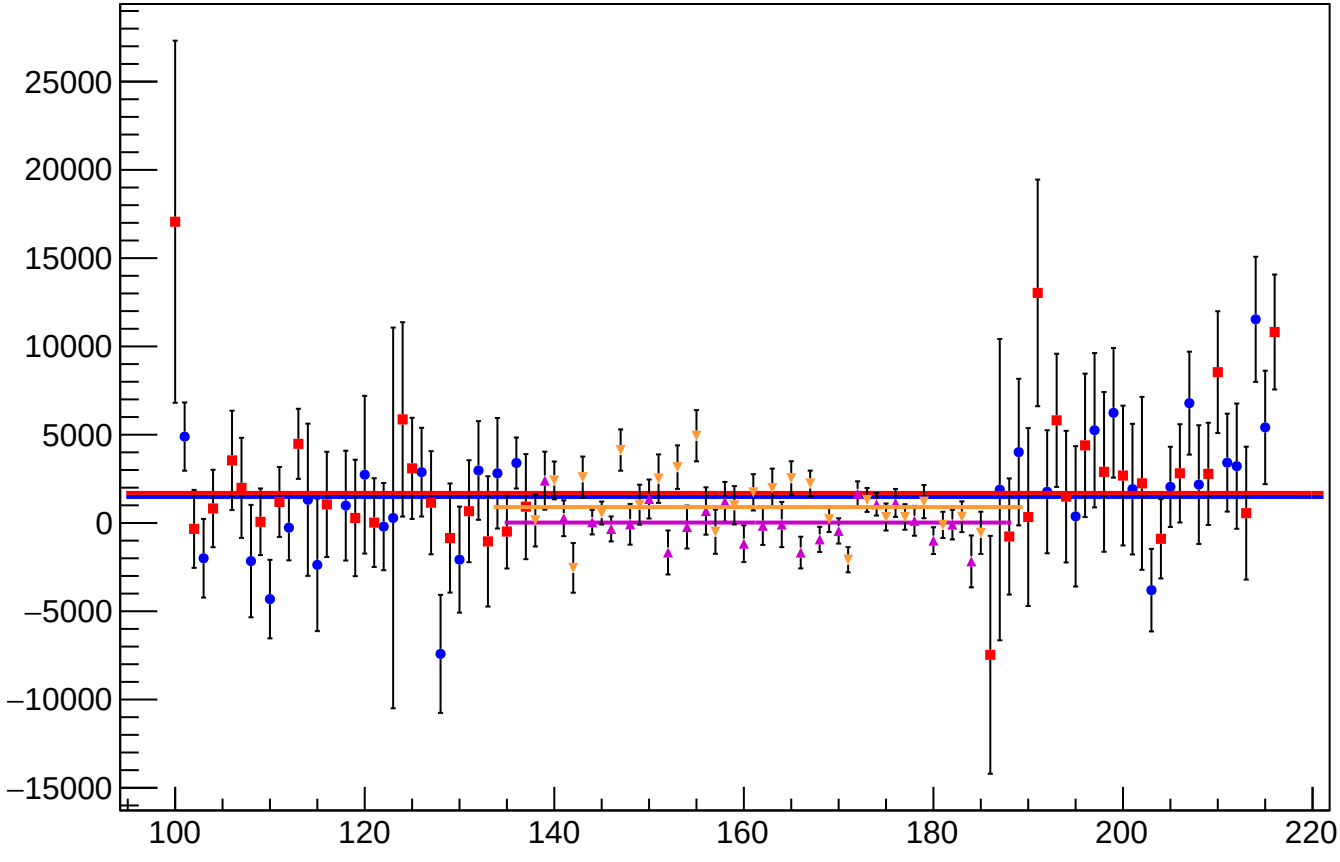
Left In: 2020.365+/-0.345 χ^2/NDF:573483.0/22

+ sign 2380.644+/-0.305 χ^2/NDF: 10310535.9/56

All: 2402.085+/-0.219 χ^2/NDF: 21795861.9/1

- sign 2425.011+/-0.315 χ^2/NDF: 11475101.9/57

asym_sam3_mean vs Slug



Right In: 1475.629+/-502.119 χ^2/NDF: 48.9/31

Left Out: 902.091+/-185.850 χ^2/NDF:63.5/24

Right Out: 1703.807+/-501.946 χ^2/NDF: 31.4/34

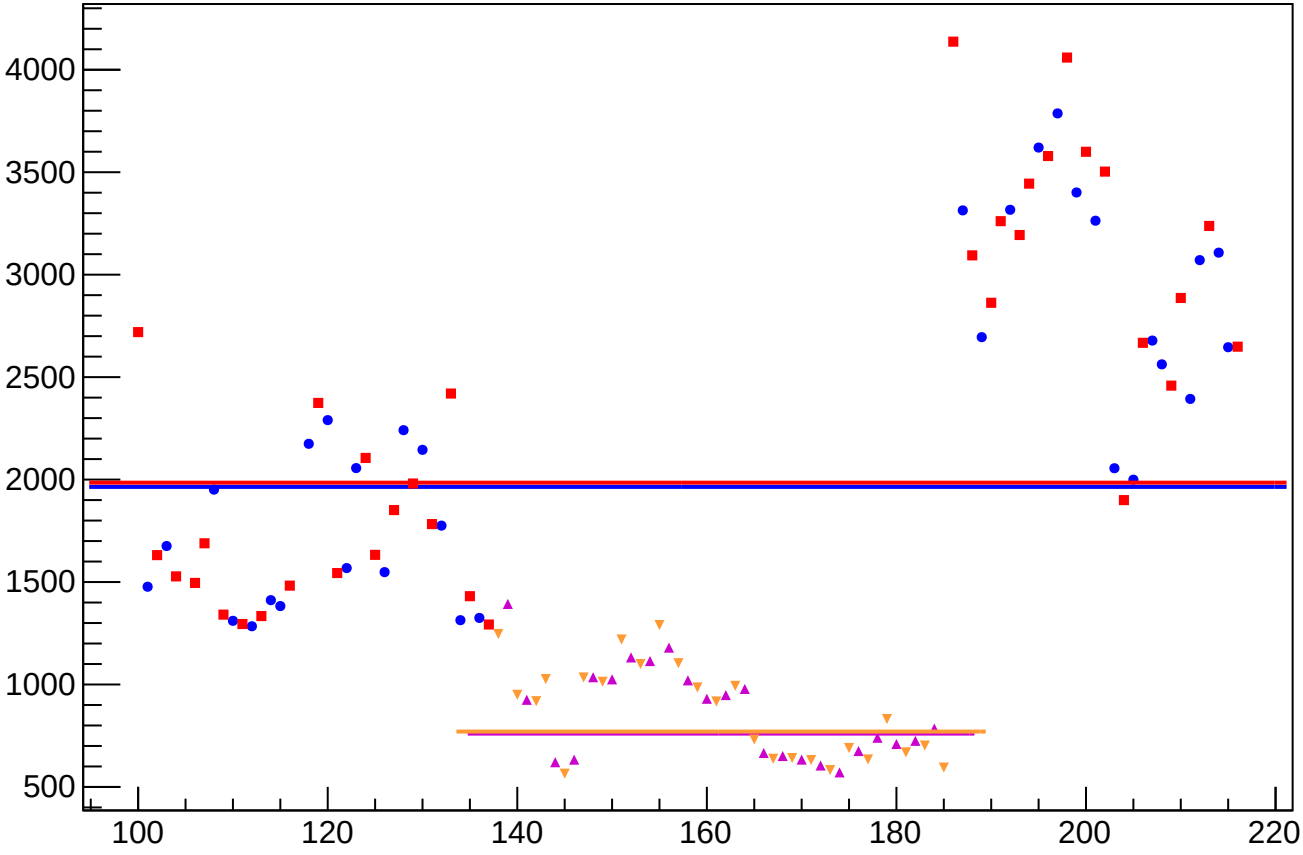
Left In: 23.529+/-188.137 χ^2/NDF:28.2/22

+ sign 971.197+/-174.294 χ^2/NDF: 113.6/56

All: 604.814+/-123.902 χ^2/NDF: 192.0/114

- sign 230.508+/-176.169 χ^2/NDF: 69.5/57

asym_sam3_rms vs Slug



Right In: 1964.290+/-0.355 χ^2/NDF: 3706868.1/31

Left Out: 770.320+/-0.131 χ^2/NDF:2287655.1/24

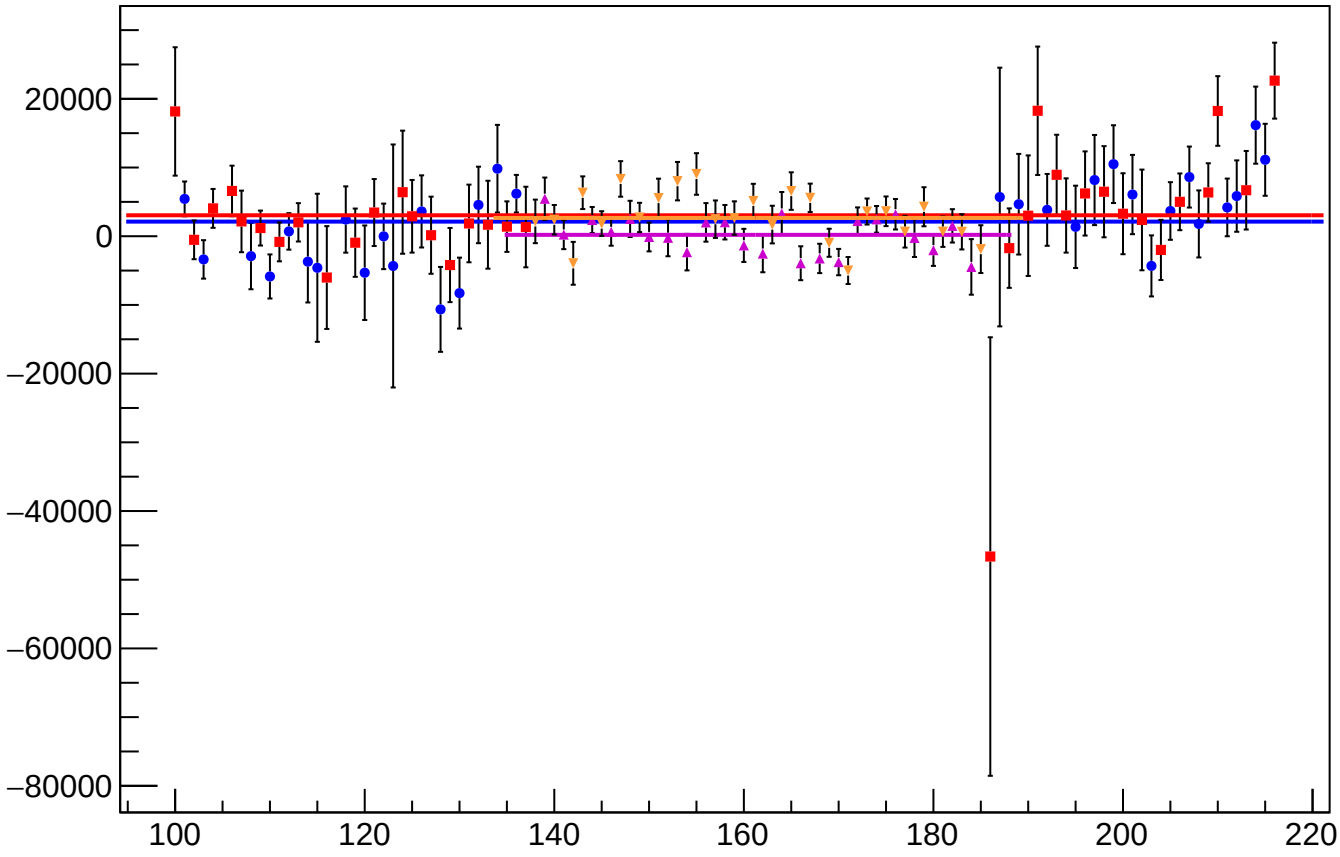
Right Out: 1984.985+/-0.355 χ^2/NDF: 4343928.2/34

Left In: 760.352+/-0.133 χ^2/NDF:1986749.8/22

+ sign 914.182+/-0.123 χ^2/NDF: 15940431.6/56

All: 912.709+/-0.088 χ^2/NDF: 32709918.6/11

- sign 911.203+/-0.125 χ^2/NDF: 16769198.0/57



Right In: 2127.486+/-806.761 χ^2/NDF: 46.4/31

Left Out: 2665.587+/-479.773 χ^2/NDF:49.2/24

Right Out: 3048.602+/-778.310 χ^2/NDF: 44.0/34

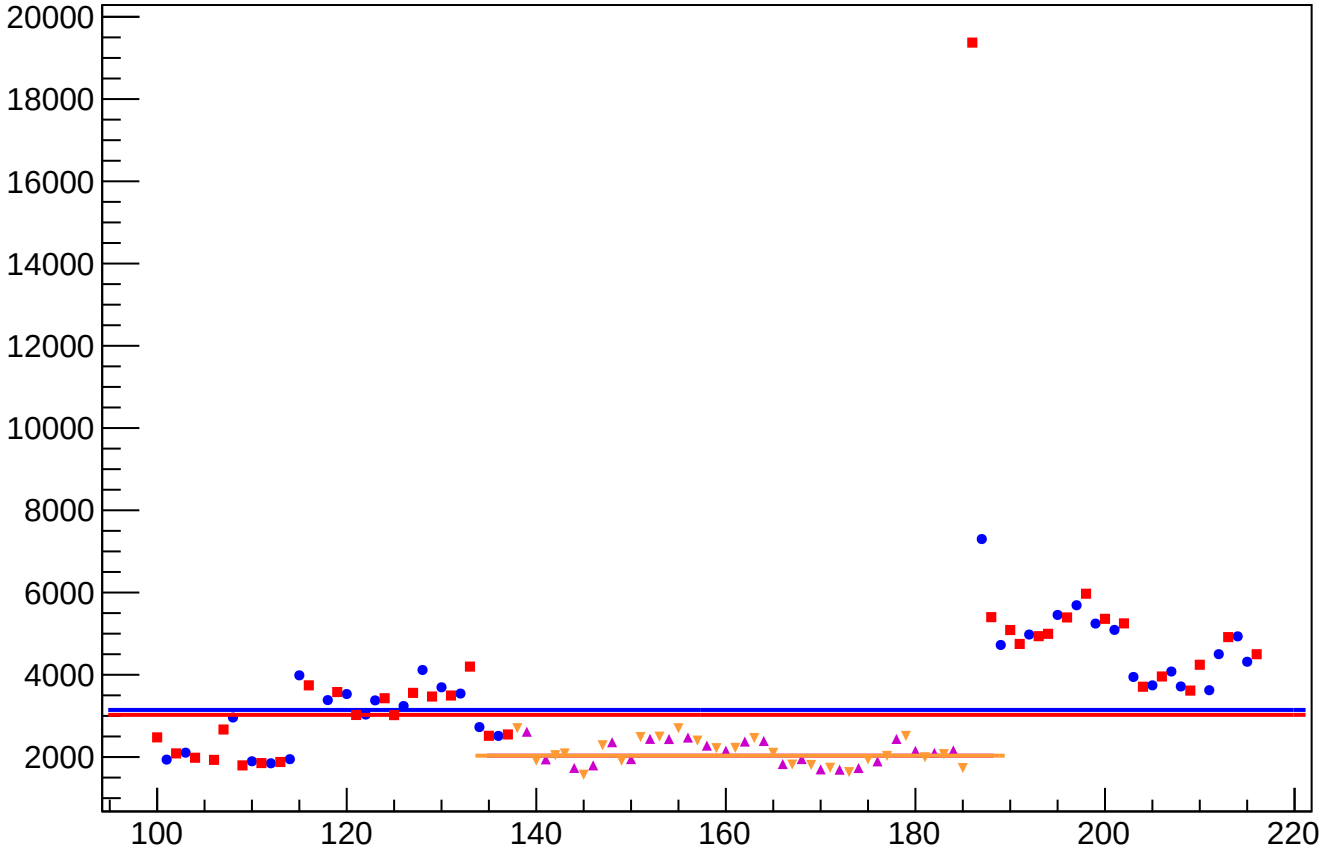
Left In: 199.371+/-492.082 χ^2/NDF:25.8/22

+ sign 2525.003+/-412.365 χ^2/NDF: 95.9/56

All: 1775.524+/-292.837 χ^2/NDF: 181.9/114

- sign 1013.049+/-415.925 χ^2/NDF: 79.3/57

asym_sam4_rms vs Slug



Right In: 3145.166+/-0.570 χ^2/NDF: 4042256.6/31

Left Out: 2033.337+/-0.339 χ^2/NDF:824062.2/24

Right Out: 3025.828+/-0.550 χ^2/NDF: 5427425.6/34

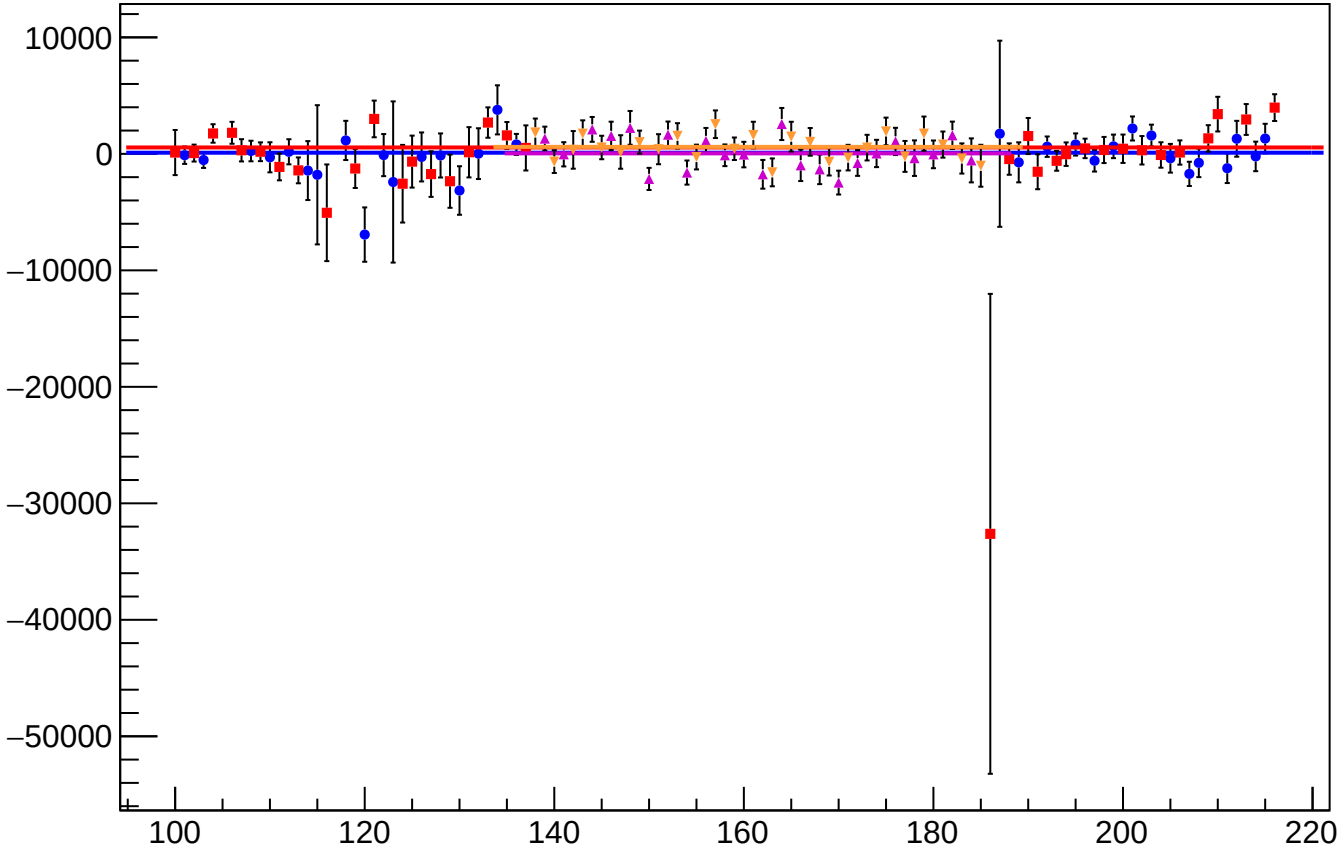
Left In: 2032.655+/-0.348 χ^2/NDF:652763.7/22

+ sign 2323.814+/-0.292 χ^2/NDF: 7672444.5/56

All: 2320.081+/-0.207 χ^2/NDF: 16079607.5/1

- sign 2316.283+/-0.294 χ^2/NDF: 8406832.4/57

asym_sam5_mean vs Slug



Right In: 98.180+/-214.803 χ^2/NDF: 32.2/31

Left Out: 600.005+/-234.968 χ^2/NDF:18.5/24

Right Out: 549.362+/-203.533 χ^2/NDF: 47.8/34

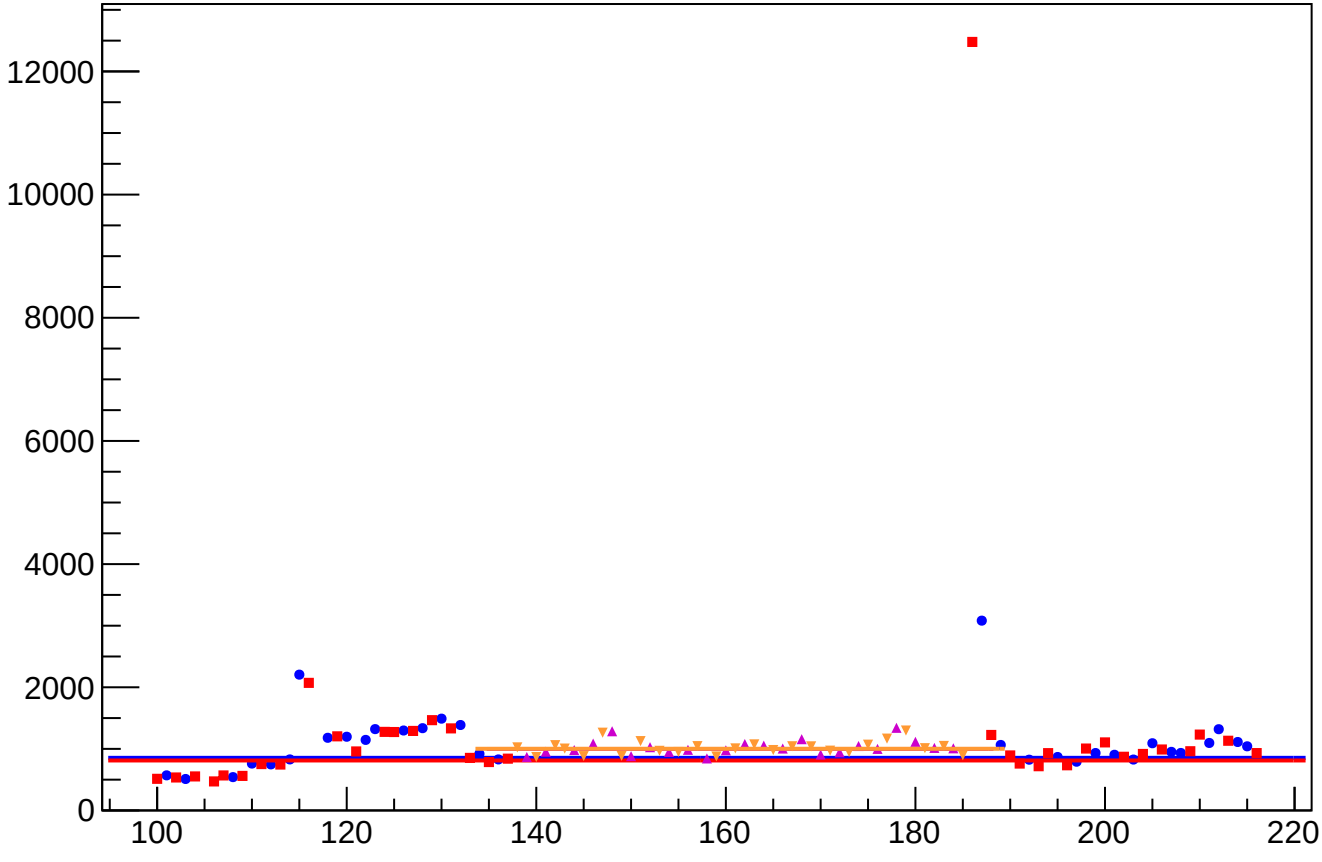
Left In: 41.559+/-240.807 χ^2/NDF:36.4/22

\+ sign 326.639+/-158.539 χ^2/NDF: 53.2/56

All: 332.310+/-110.994 χ^2/NDF: 139.9/114

\- sign 337.762+/-155.446 χ^2/NDF: 86.7/57

asym_sam5_rms vs Slug



Right In: 854.466+/-0.152 χ^2/NDF: 2588222.3/31

Left Out: 1001.472+/-0.166 χ^2/NDF:370299.3/24

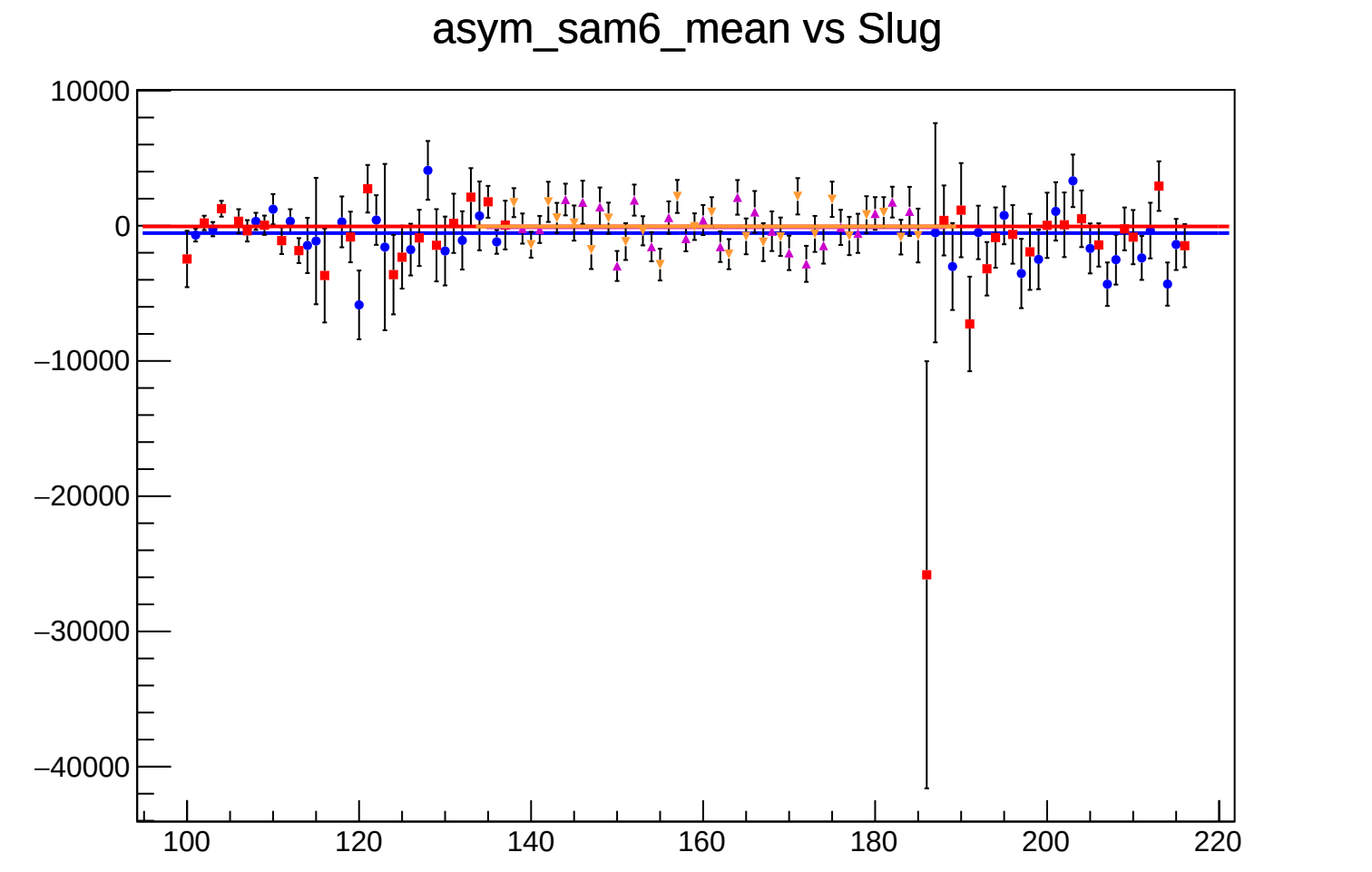
Right Out: 811.699+/-0.144 χ^2/NDF: 3487154.0/34

Left In: 998.050+/-0.170 χ^2/NDF:404656.2/22

+ sign 921.391+/-0.112 χ^2/NDF: 3384973.9/56

All: 905.056+/-0.078 χ^2/NDF: 8017061.5/114

- sign 889.351+/-0.110 χ^2/NDF: 4590440.0/57



Right In: -544.943+/-225.892 χ^2/NDF: 38.6/31

Left Out: -59.827+/-246.503 χ^2/NDF:31.0/24

Right Out: -53.766+/-224.094 χ^2/NDF: 36.5/34

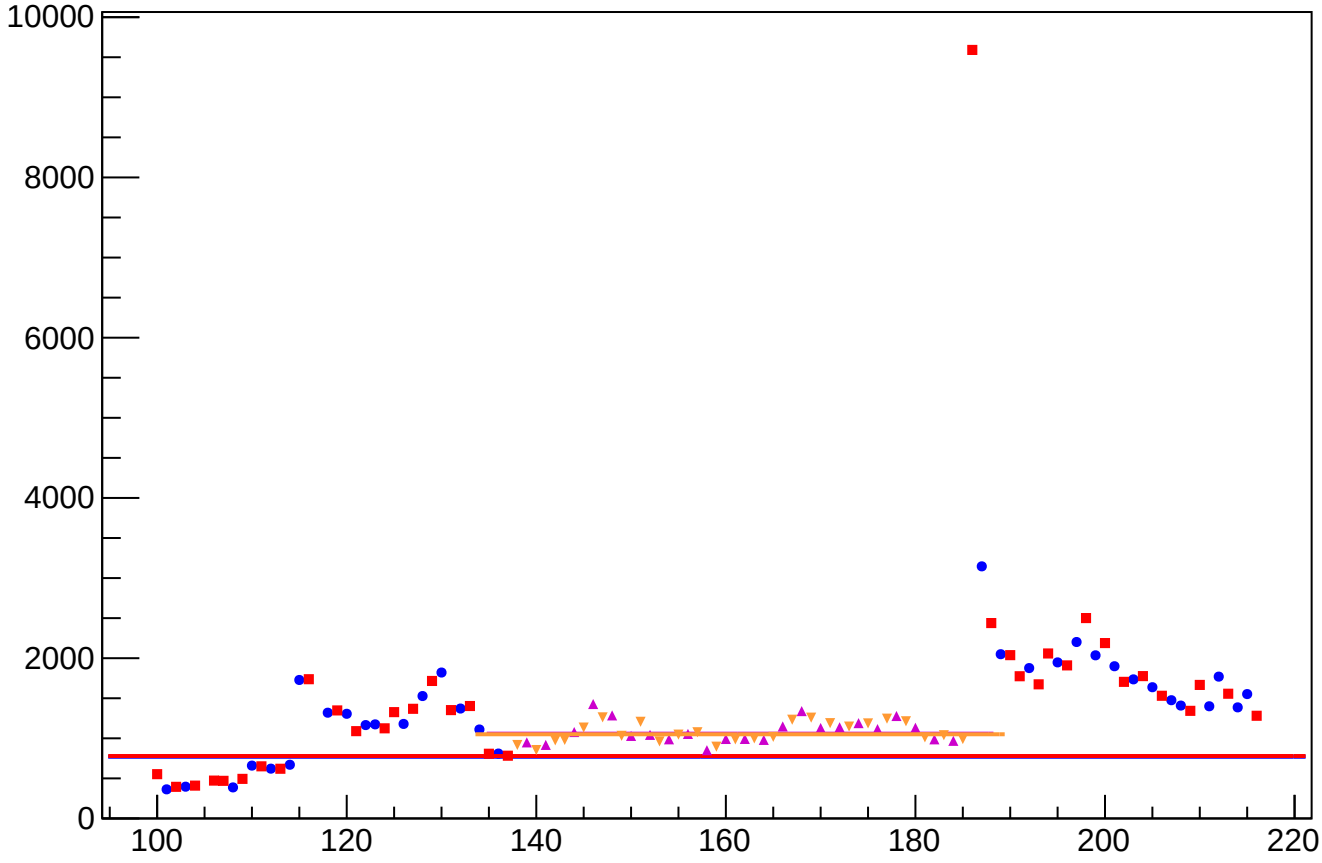
Left In: -112.398+/-255.409 χ^2/NDF:34.9/22

+ sign -323.512+/-166.540 χ^2/NDF: 71.7/56

All: -202.781+/-118.431 χ^2/NDF: 144.1/114

- sign -79.269+/-168.448 χ^2/NDF: 71.4/57

asym_sam6_rms vs Slug



Right In: 770.378+/-0.160 χ^2/NDF: 11126501.7/31

Left Out: 1050.649+/-0.174 χ^2/NDF:483144.2/24

Right Out: 779.107+/-0.158 χ^2/NDF: 11379063.7/34

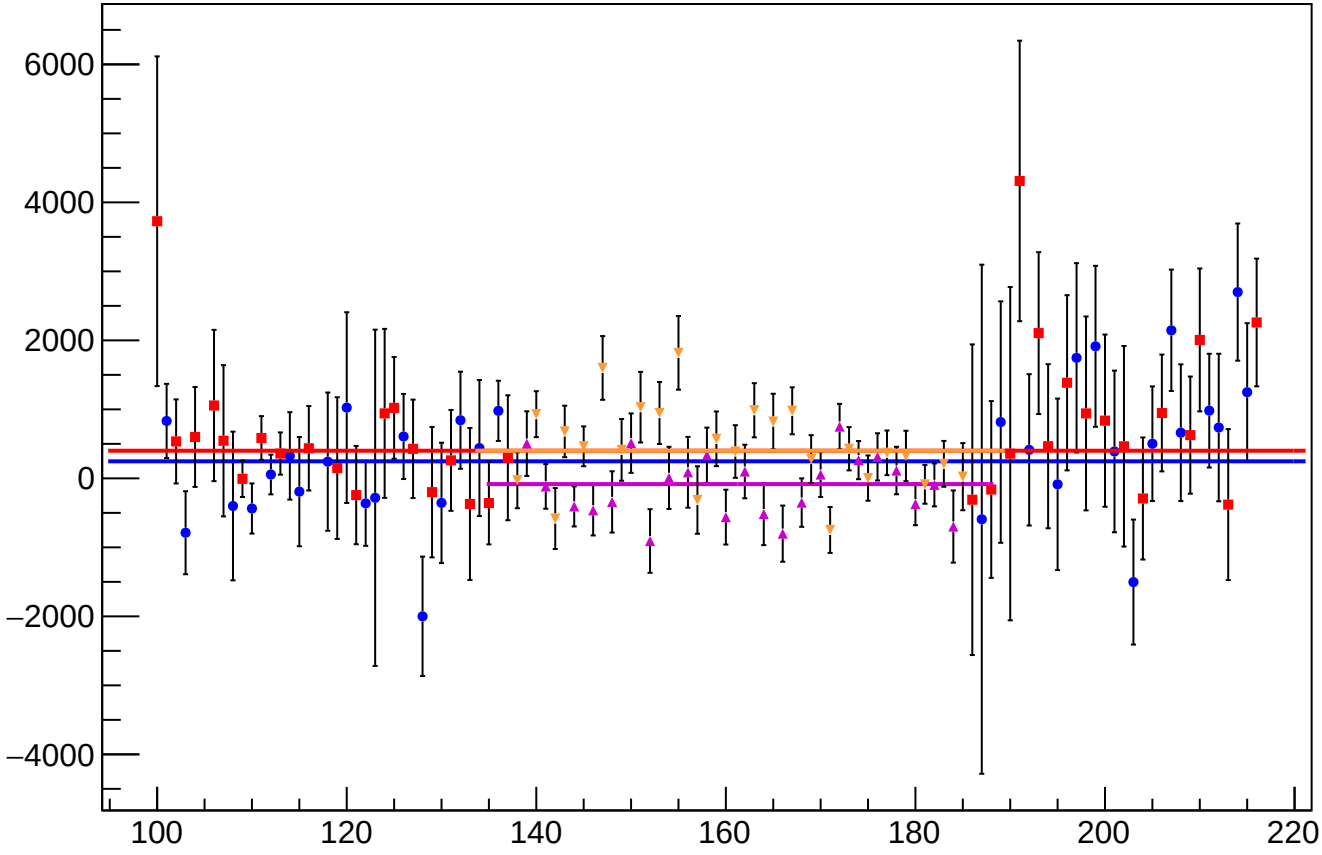
Left In: 1058.097+/-0.181 χ^2/NDF:528574.7/22

+ sign 898.308+/-0.118 χ^2/NDF: 13014983.8/56

All: 899.371+/-0.084 χ^2/NDF: 26271142.8/11

- sign 900.459+/-0.119 χ^2/NDF: 13255993.9/57

asym_sam7_mean vs Slug



Right In: 247.256+/-127.072 χ^2/NDF: 41.5/31

Left Out: 400.988+/-74.546 χ^2/NDF:52.1/24

Right Out: 400.713+/-118.483 χ^2/NDF: 24.5/34

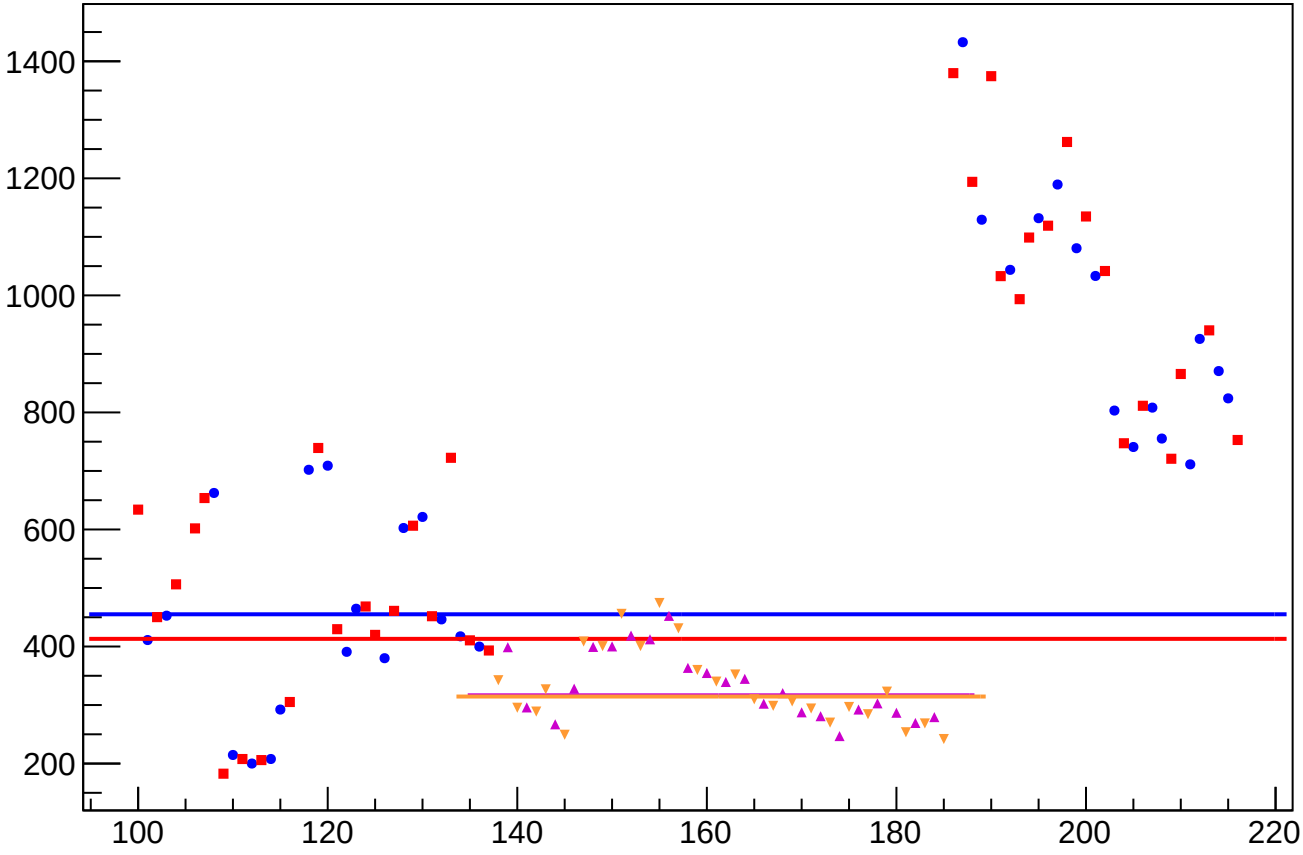
Left In: -82.890+/-76.904 χ^2/NDF:29.0/22

+ sign 361.627+/-64.299 χ^2/NDF: 94.7/56

All: 211.530+/-45.539 χ^2/NDF: 170.9/114

- sign 60.458+/-64.507 χ^2/NDF: 65.2/57

asym_sam7_rms vs Slug



Right In: 455.080+/-0.090 χ^2/NDF: 8809091.8/31

Left Out: 314.538+/-0.053 χ^2/NDF:1112445.6/24

Right Out: 413.086+/-0.084 χ^2/NDF: 11291190.1/34

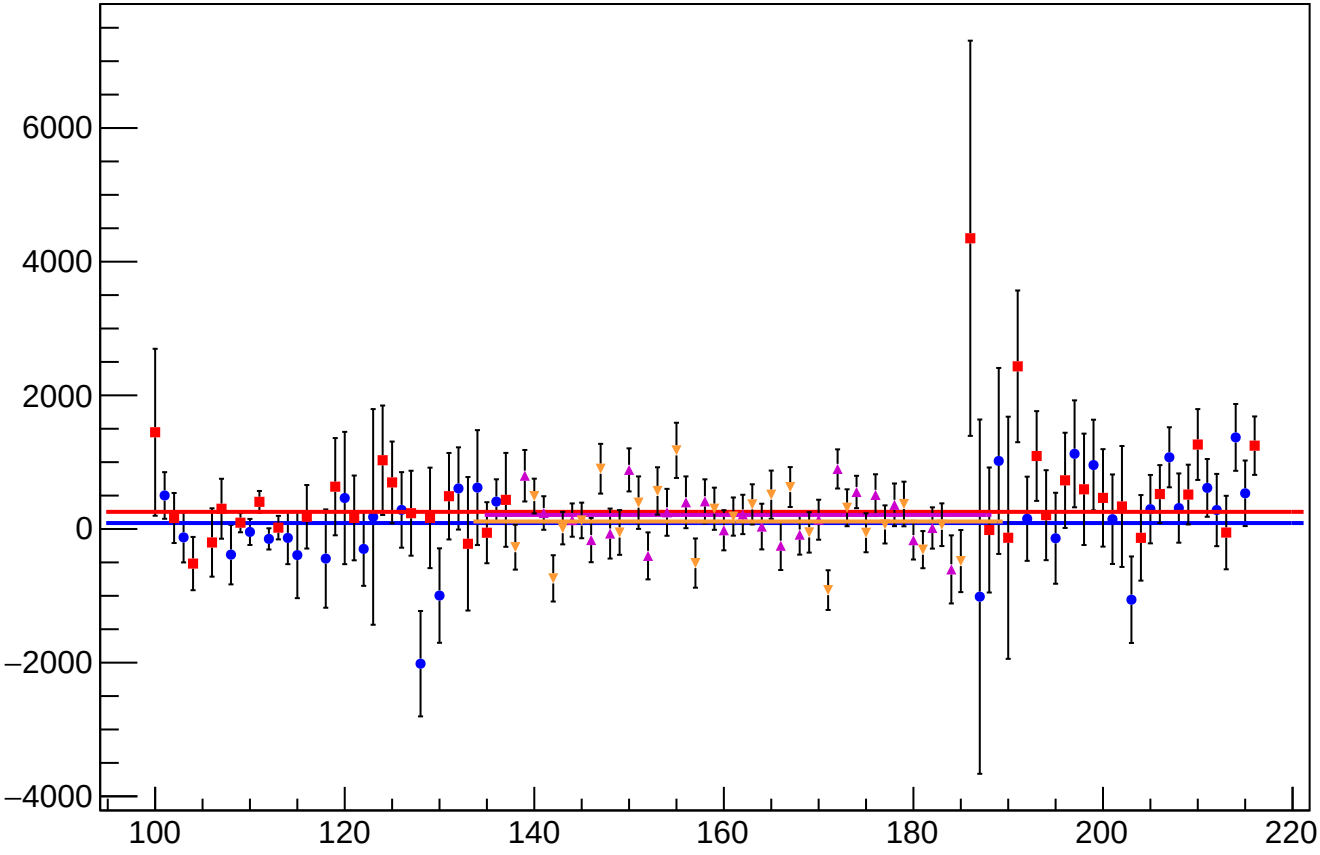
Left In: 316.647+/-0.054 χ^2/NDF:920874.0/22

+ sign 350.522+/-0.045 χ^2/NDF: 11741634.1/56

All: 347.886+/-0.032 χ^2/NDF: 24892708.2/11

- sign 345.233+/-0.046 χ^2/NDF: 13144328.5/57

asym_sam8_mean vs Slug



Right In: 89.016+/-77.922 χ^2/NDF: 40.6/31

Left Out: 112.242+/-62.643 χ^2/NDF:49.1/24

Right Out: 256.522+/-69.512 χ^2/NDF: 30.2/34

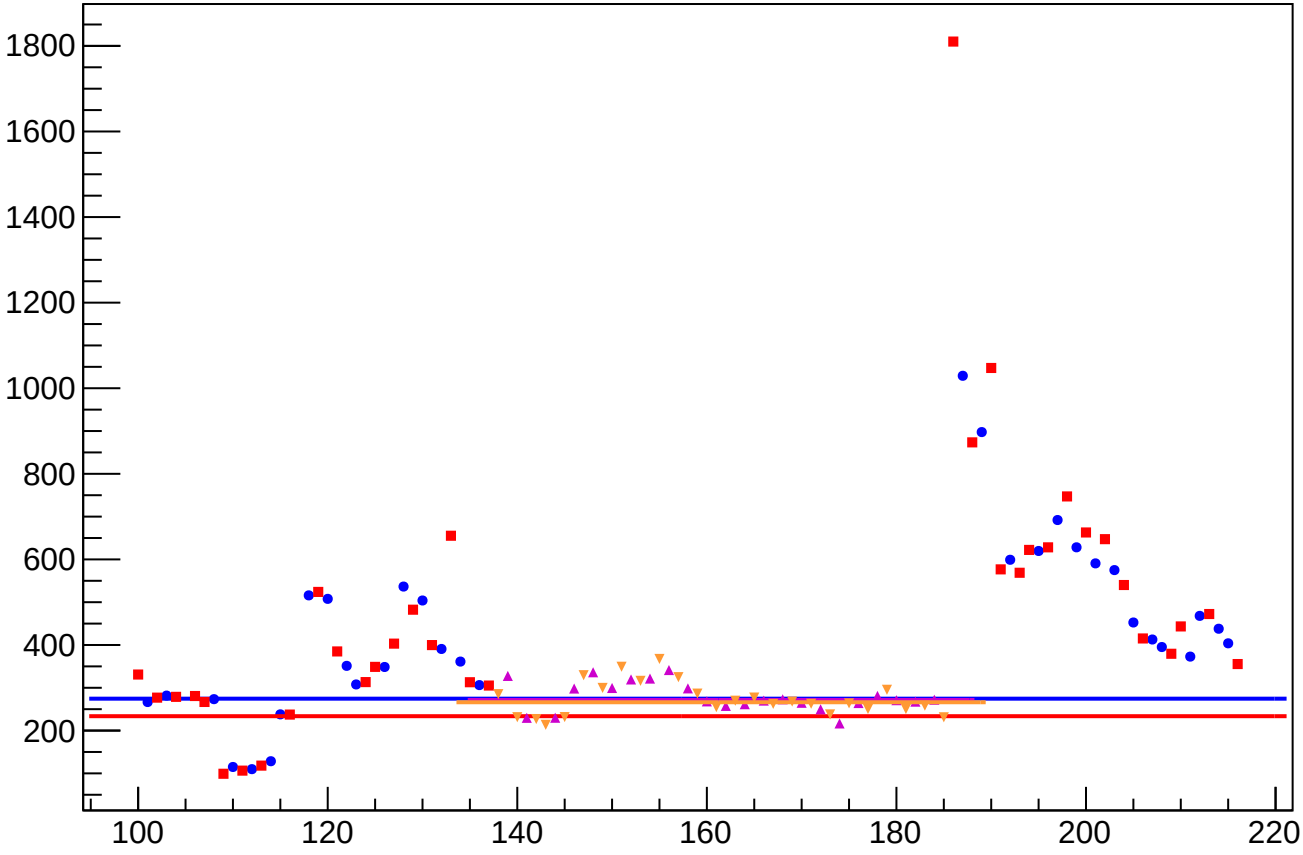
Left In: 210.453+/-65.510 χ^2/NDF:29.2/22

\+ sign 103.124+/-48.823 χ^2/NDF: 89.8/56

All: 169.158+/-34.110 χ^2/NDF: 153.0/114

\- sign 232.123+/-47.675 χ^2/NDF: 59.6/57

asym_sam8_rms vs Slug



Right In: 274.551+/-0.055 χ^2/NDF: 9548346.5/31

Left Out: 266.207+/-0.044 χ^2/NDF:649629.9/24

Right Out: 233.613+/-0.049 χ^2/NDF: 12993046.7/34

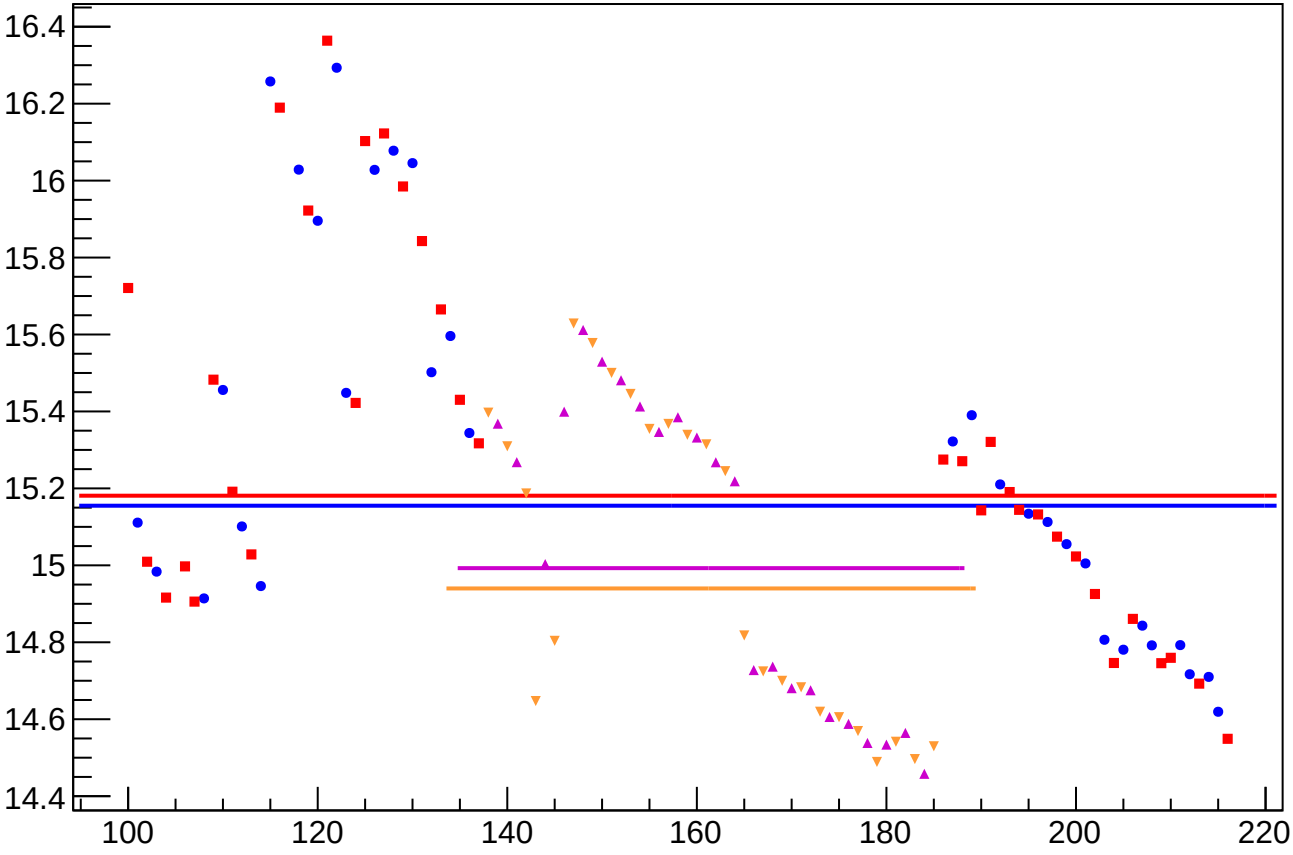
Left In: 271.415+/-0.046 χ^2/NDF:521877.7/22

+ sign 269.483+/-0.035 χ^2/NDF: 10211906.8/56

All: 261.370+/-0.024 χ^2/NDF: 24147963.4/11

- sign 253.634+/-0.034 χ^2/NDF: 13828167.1/57

yield_sam1_mean vs Slug



Right In: 15.155+/-0.000 χ^2/NDF: 19960980009.1/31

Left Out: 14.940+/-0.000 χ^2/NDF:24199653913.9/24

Right Out: 15.181+/-0.000 χ^2/NDF: 19677894937.9/34

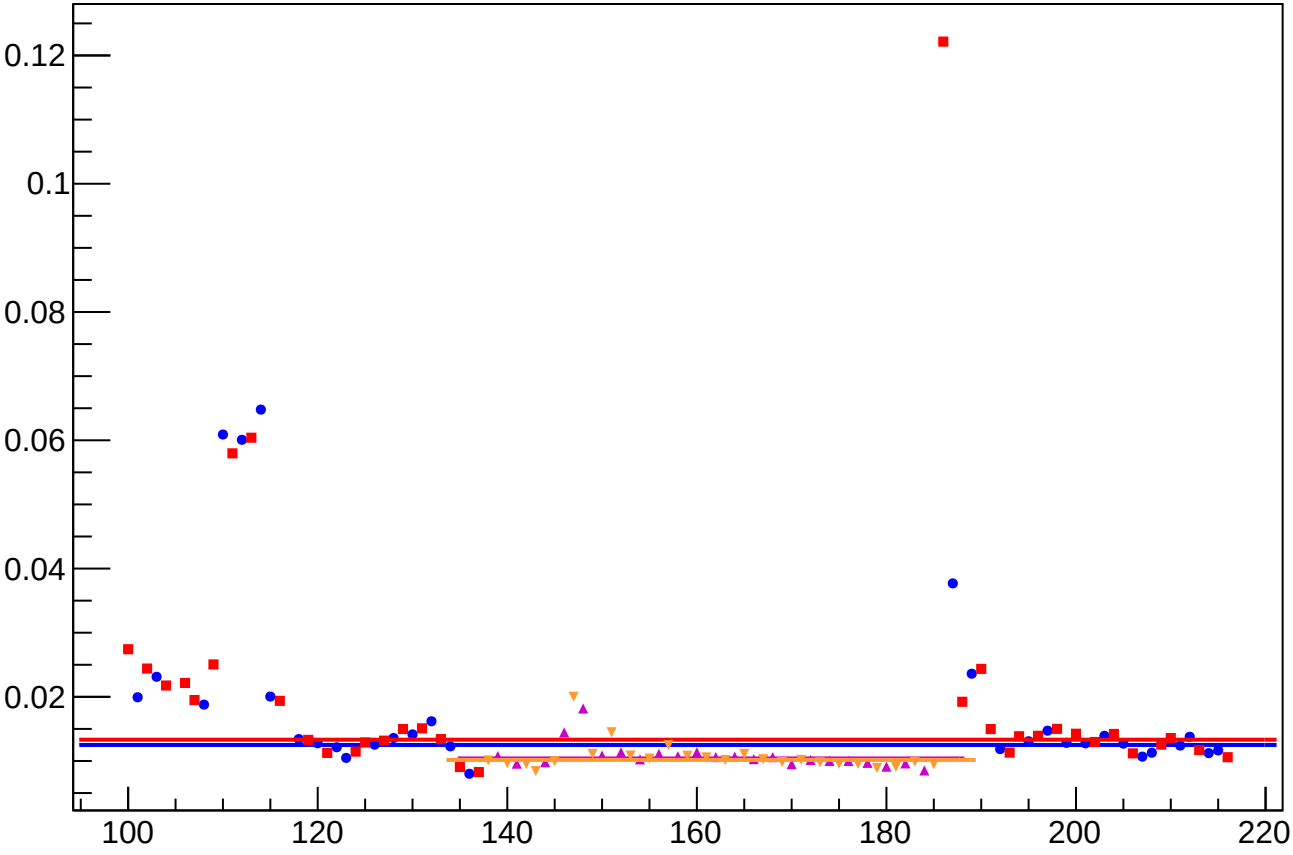
Left In: 14.993+/-0.000 χ^2/NDF:22023159634.7/22

+ sign 15.019+/-0.000 χ^2/NDF: 47006504729.7/56

All: 15.039+/-0.000 χ^2/NDF: 90884223633.4

- sign 15.061+/-0.000 χ^2/NDF: 43657089385.4/57

yield_sam1_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 2610237.5/31

Left Out: 0.010+/-0.000 χ^2/NDF:717351.4/24

Right Out: 0.013+/-0.000 χ^2/NDF: 3224011.3/34

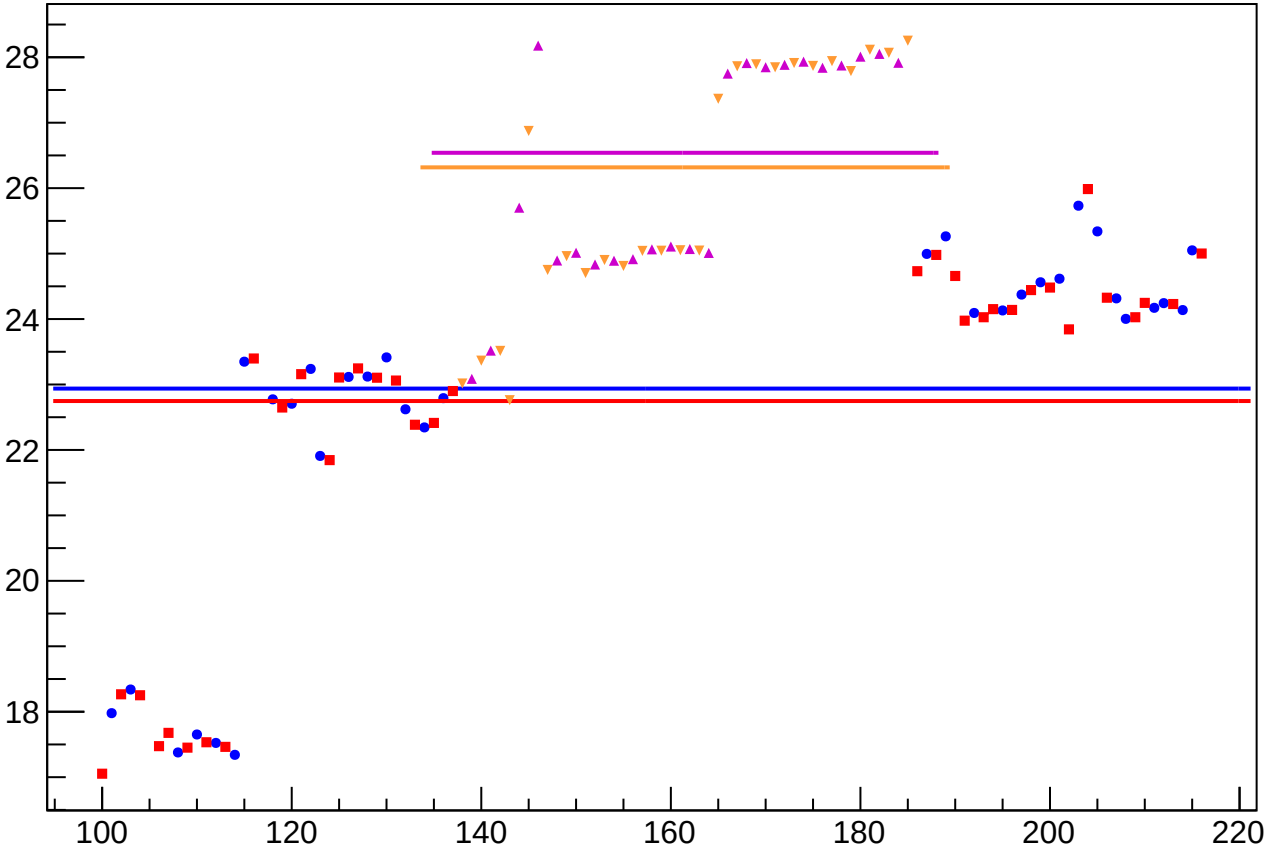
Left In: 0.010+/-0.000 χ^2/NDF:544268.8/22

+ sign 0.011+/-0.000 χ^2/NDF: 3997163.4/56

All: 0.011+/-0.000 χ^2/NDF: 8755021.8/114

- sign 0.011+/-0.000 χ^2/NDF: 4710324.0/57

yield_sam2_mean vs Slug



Right In: 22.938+/-0.000 χ^2/NDF: 1432202611.1/31

Left Out: 26.318+/-0.000 χ^2/NDF:4715403741.0/24

Right Out: 22.747+/-0.000 χ^2/NDF: 1637908140.6/34

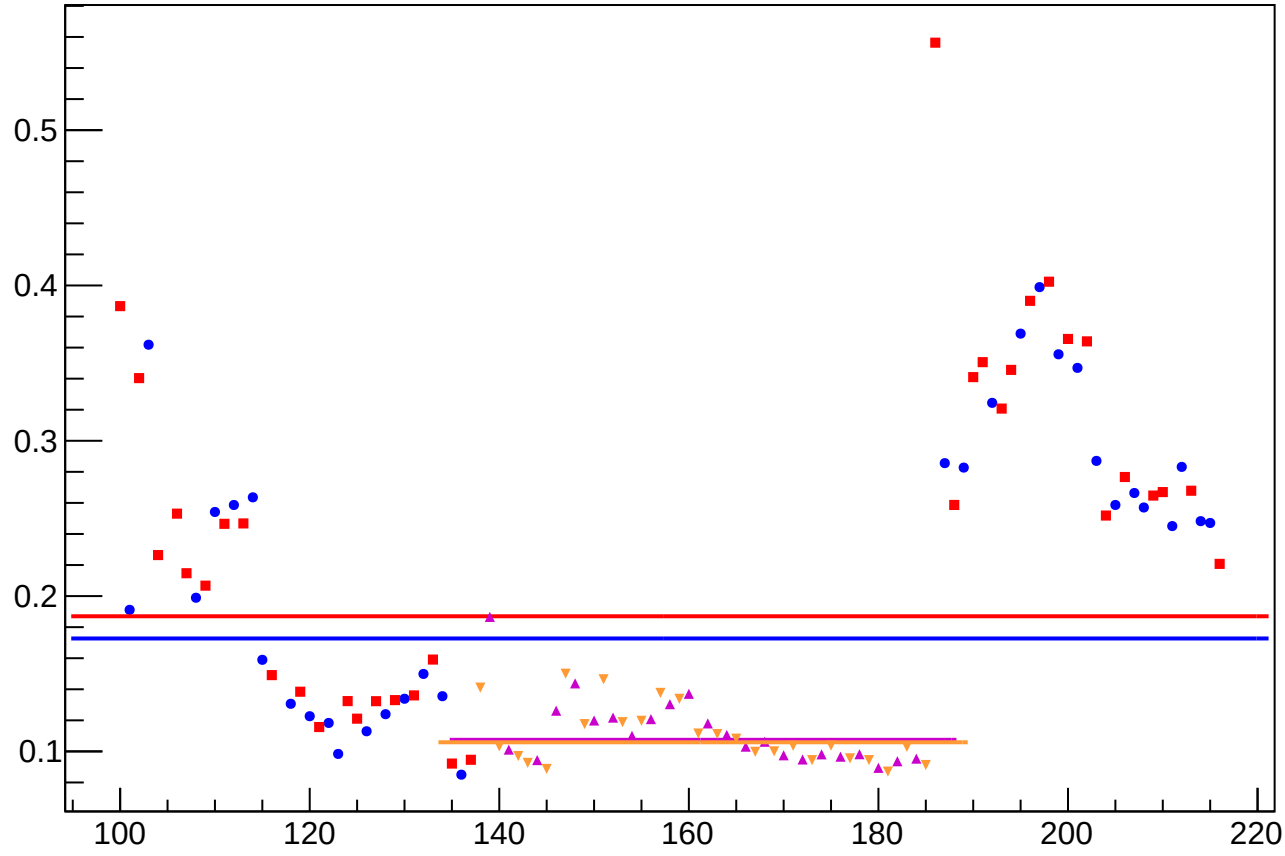
Left In: 26.540+/-0.000 χ^2/NDF:3309392772.6/22

+ sign 25.522+/-0.000 χ^2/NDF: 9939278324.6/56

All: 25.588+/-0.000 χ^2/NDF: 19231547059.7

- sign 25.659+/-0.000 χ^2/NDF: 9275691394.0/57

yield_sam2_rms vs Slug



Right In: 0.173+/-0.000 χ^2/NDF: 6423821.3/31

Left Out: 0.106+/-0.000 χ^2/NDF:732883.8/24

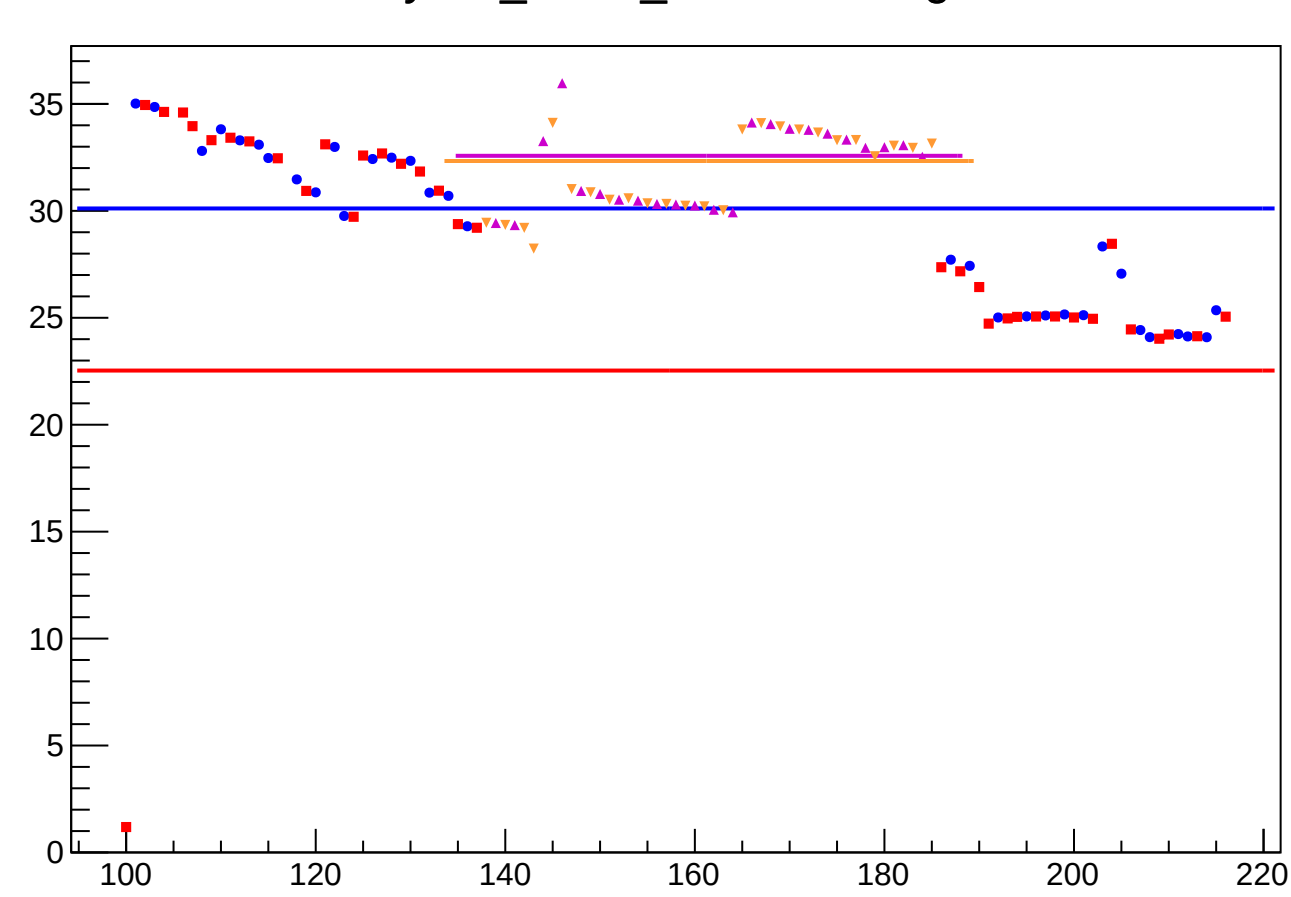
Right Out: 0.187+/-0.000 χ^2/NDF: 6070095.9/34

Left In: 0.107+/-0.000 χ^2/NDF:771132.0/22

+ sign 0.122+/-0.000 χ^2/NDF: 10120983.7/56

All: 0.124+/-0.000 χ^2/NDF: 20802125.1/114

- sign 0.126+/-0.000 χ^2/NDF: 10648049.9/57



Right In: 30.112+/-0.000 χ^2/NDF: 10562312150.3/31

Left Out: 32.331+/-0.000 χ^2/NDF:12850475096.2/24

Right Out: 22.533+/-0.000 χ^2/NDF: 232423750602.6/34

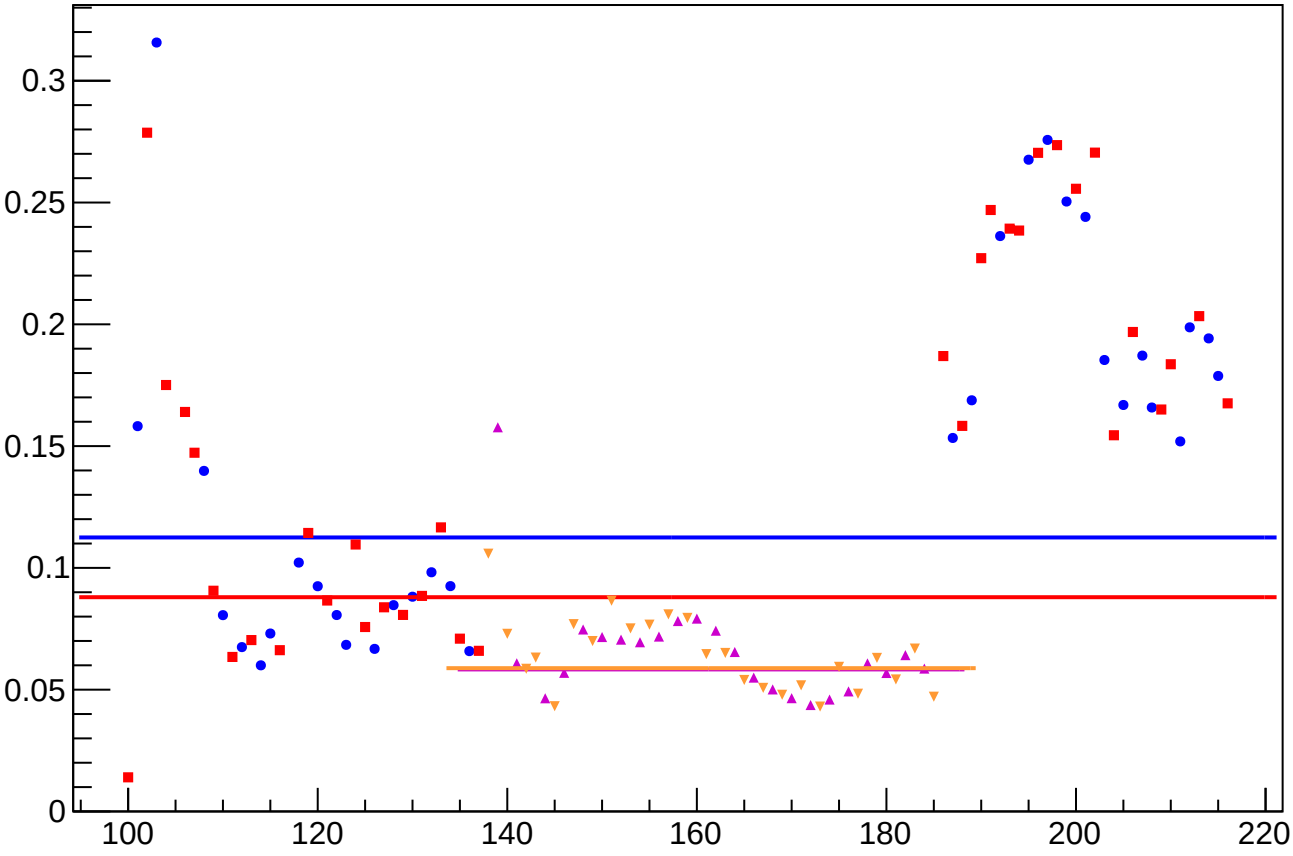
Left In: 32.574+/-0.000 χ^2/NDF:11797772603.7/22

+ sign 31.901+/-0.000 χ^2/NDF: 27320062894.0/56

All: 30.959+/-0.000 χ^2/NDF: 379935595822.

- sign 30.046+/-0.000 χ^2/NDF: 343734548959.1/57

yield_sam3_rms vs Slug



Right In: 0.112+/-0.000 χ^2/NDF: 6666564.0/31

Left Out: 0.059+/-0.000 χ^2/NDF:1402605.2/24

Right Out: 0.088+/-0.000 χ^2/NDF: 12132427.4/34

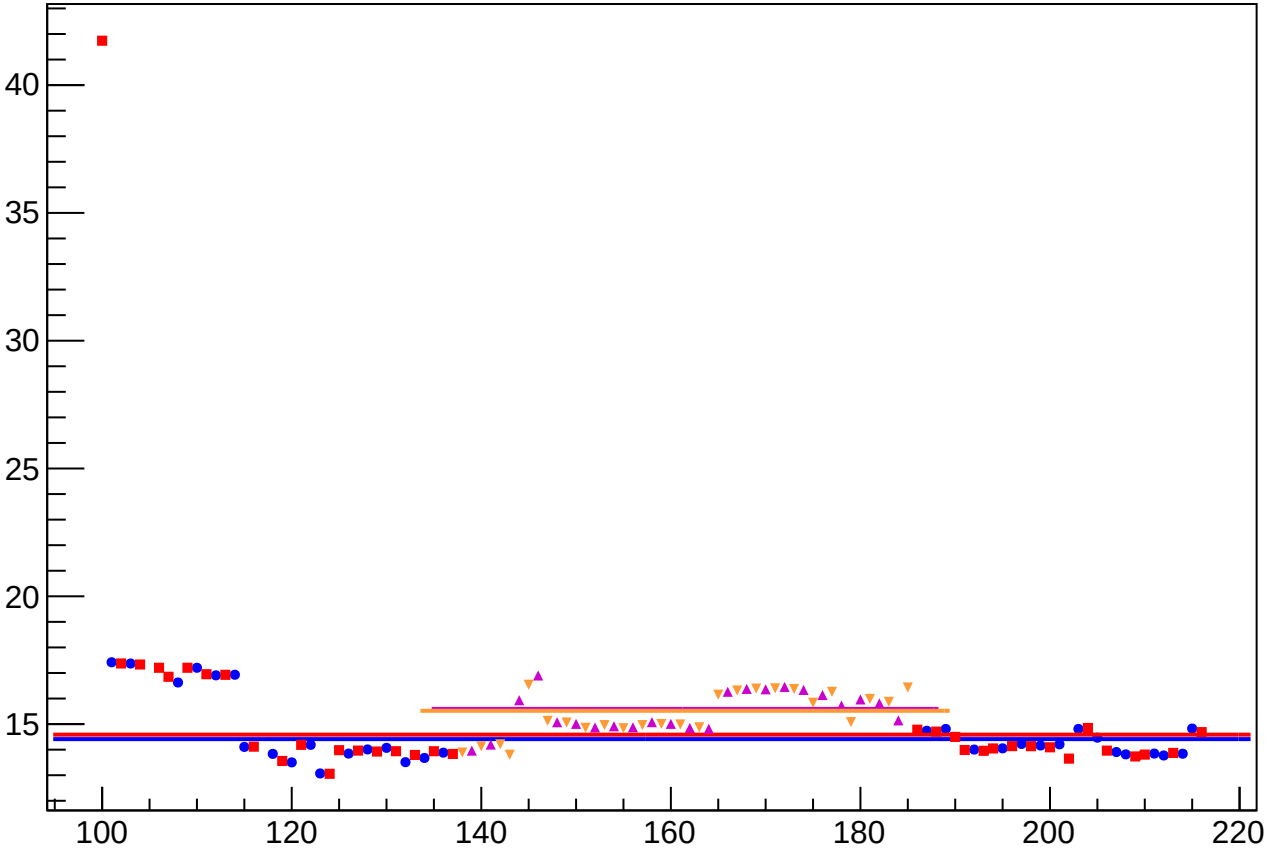
Left In: 0.058+/-0.000 χ^2/NDF:1525476.4/22

+ sign 0.069+/-0.000 χ^2/NDF: 12638894.3/56

All: 0.067+/-0.000 χ^2/NDF: 28093078.2/114

- sign 0.066+/-0.000 χ^2/NDF: 15393047.1/57

yield_sam4_mean vs Slug



Right In: 14.412+/-0.000 χ^2/NDF: 1570781811.0/31

Left Out: 15.521+/-0.000 χ^2/NDF:2591377740.5/24

Right Out: 14.588+/-0.000 χ^2/NDF: 2038839902.6/34

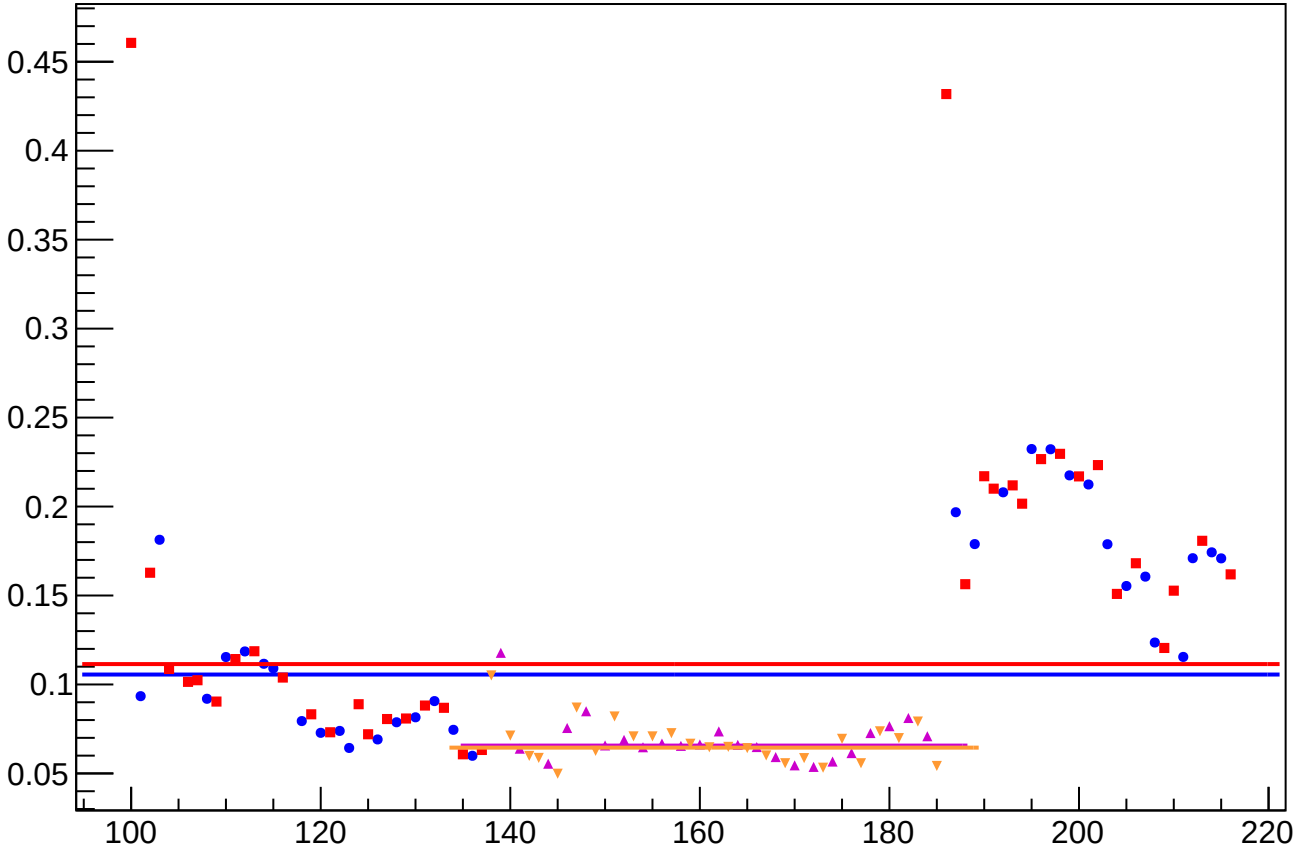
Left In: 15.595+/-0.000 χ^2/NDF:1908733580.5/22

+ sign 15.251+/-0.000 χ^2/NDF: 5285909269.7/56

All: 15.297+/-0.000 χ^2/NDF: 10117550415.5

- sign 15.346+/-0.000 χ^2/NDF: 4809882769.3/57

yield_sam4_rms vs Slug



Right In: 0.106+/-0.000 χ^2/NDF: 5542777.0/31

Left Out: 0.064+/-0.000 χ^2/NDF:761552.3/24

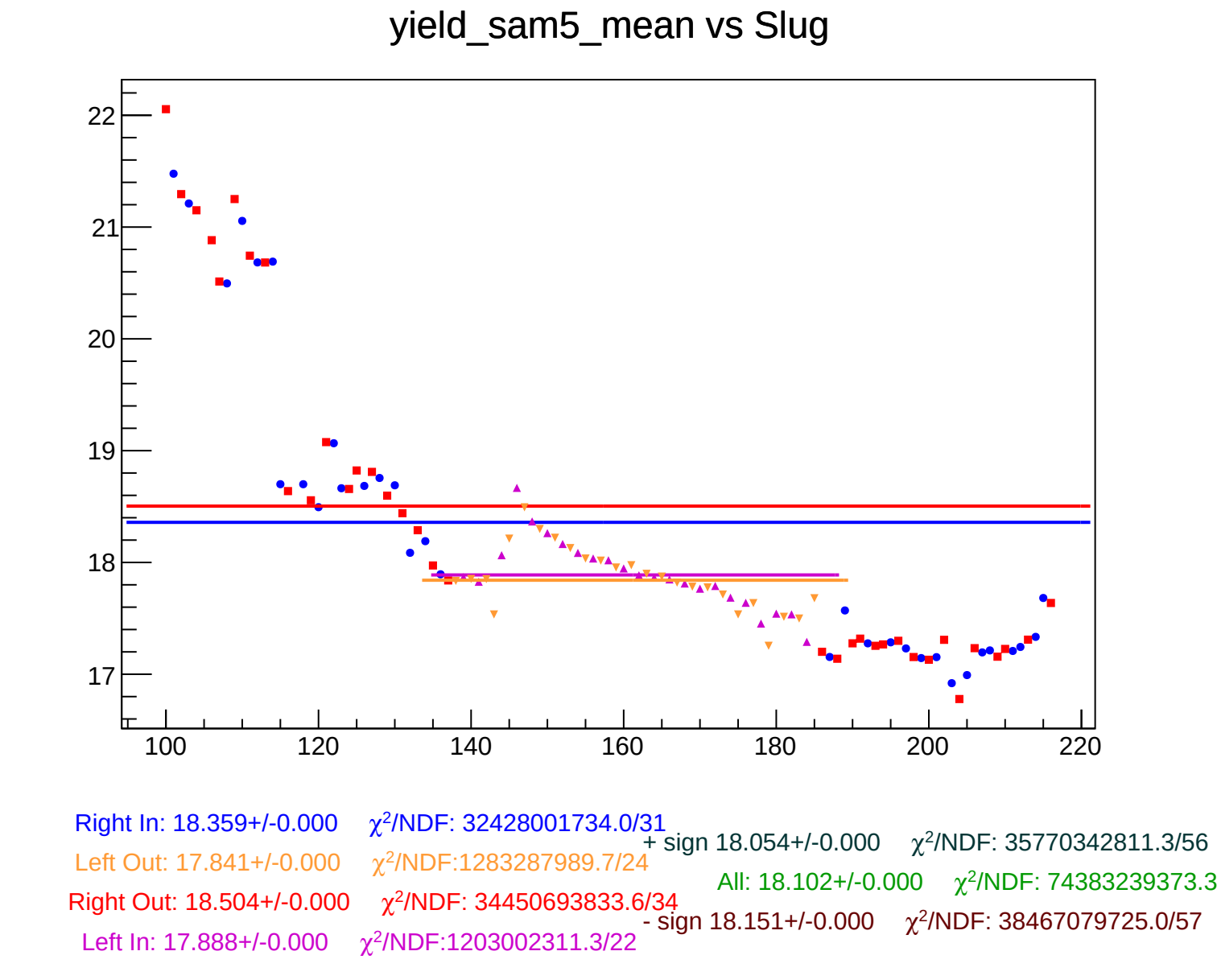
Right Out: 0.111+/-0.000 χ^2/NDF: 5461732.5/34

Left In: 0.066+/-0.000 χ^2/NDF:714703.1/22

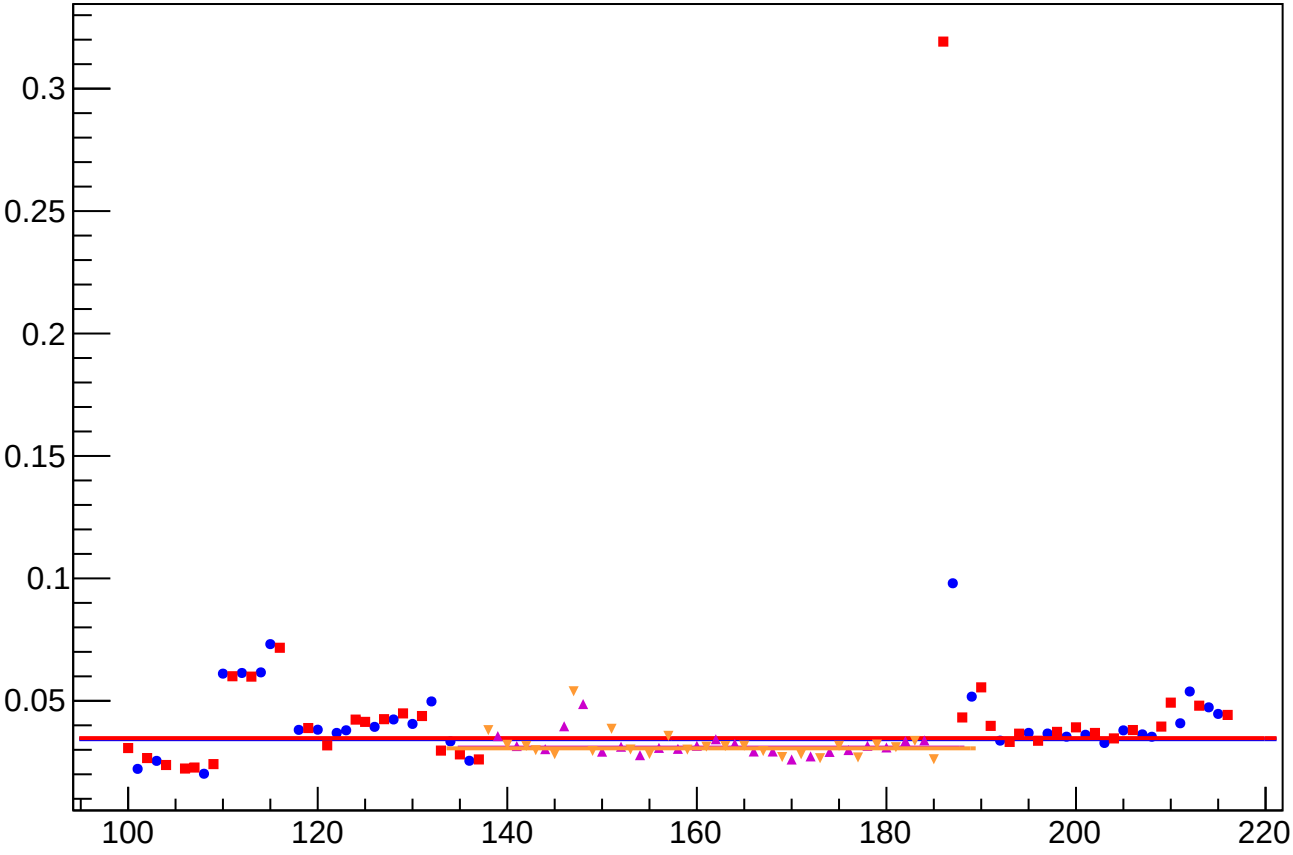
+ sign 0.075+/-0.000 χ^2/NDF: 9391710.2/56

All: 0.076+/-0.000 χ^2/NDF: 19161440.9/114

- sign 0.077+/-0.000 χ^2/NDF: 9741222.2/57


yield_sam5_mean vs Slug
22
21
20
19
18
17
100
120
140
160
180
200
220
Right In: 18.359+/-0.000 χ²/NDF: 32428001734.0/31
Left Out: 17.841+/-0.000 χ²/NDF:1283287989.7/24
Right Out: 18.504+/-0.000 χ²/NDF: 34450693833.6/34
Left In: 17.888+/-0.000 χ²/NDF:1203002311.3/22
+ sign 18.054+/-0.000 χ²/NDF: 35770342811.3/56
All: 18.102+/-0.000 χ²/NDF: 74383239373.3
- sign 18.151+/-0.000 χ²/NDF: 38467079725.0/57

yield_sam5_rms vs Slug



Right In: 0.034+/-0.000 χ^2/NDF: 2185016.3/31

Left Out: 0.031+/-0.000 χ^2/NDF:590475.6/24

Right Out: 0.035+/-0.000 χ^2/NDF: 2492840.1/34

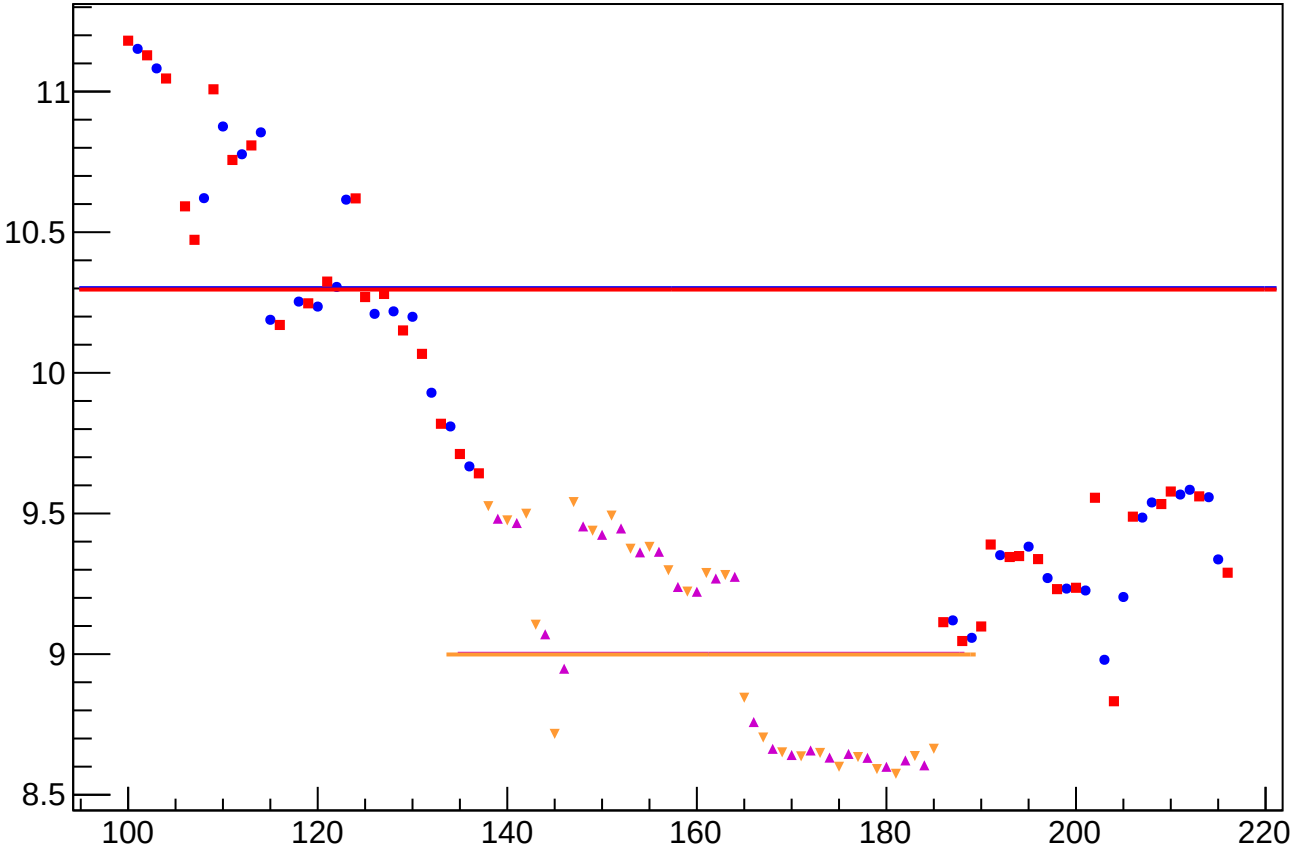
Left In: 0.031+/-0.000 χ^2/NDF:453524.6/22

+ sign 0.032+/-0.000 χ^2/NDF: 2990244.4/56

All: 0.032+/-0.000 χ^2/NDF: 6164773.7/114

- sign 0.033+/-0.000 χ^2/NDF: 3169335.8/57

yield_sam6_mean vs Slug



Right In: 10.301+/-0.000 χ^2/NDF: 16585449939.9/31

Left Out: 8.999+/-0.000 χ^2/NDF:6392583736.5/24

Right Out: 10.296+/-0.000 χ^2/NDF: 14922728654.5/34

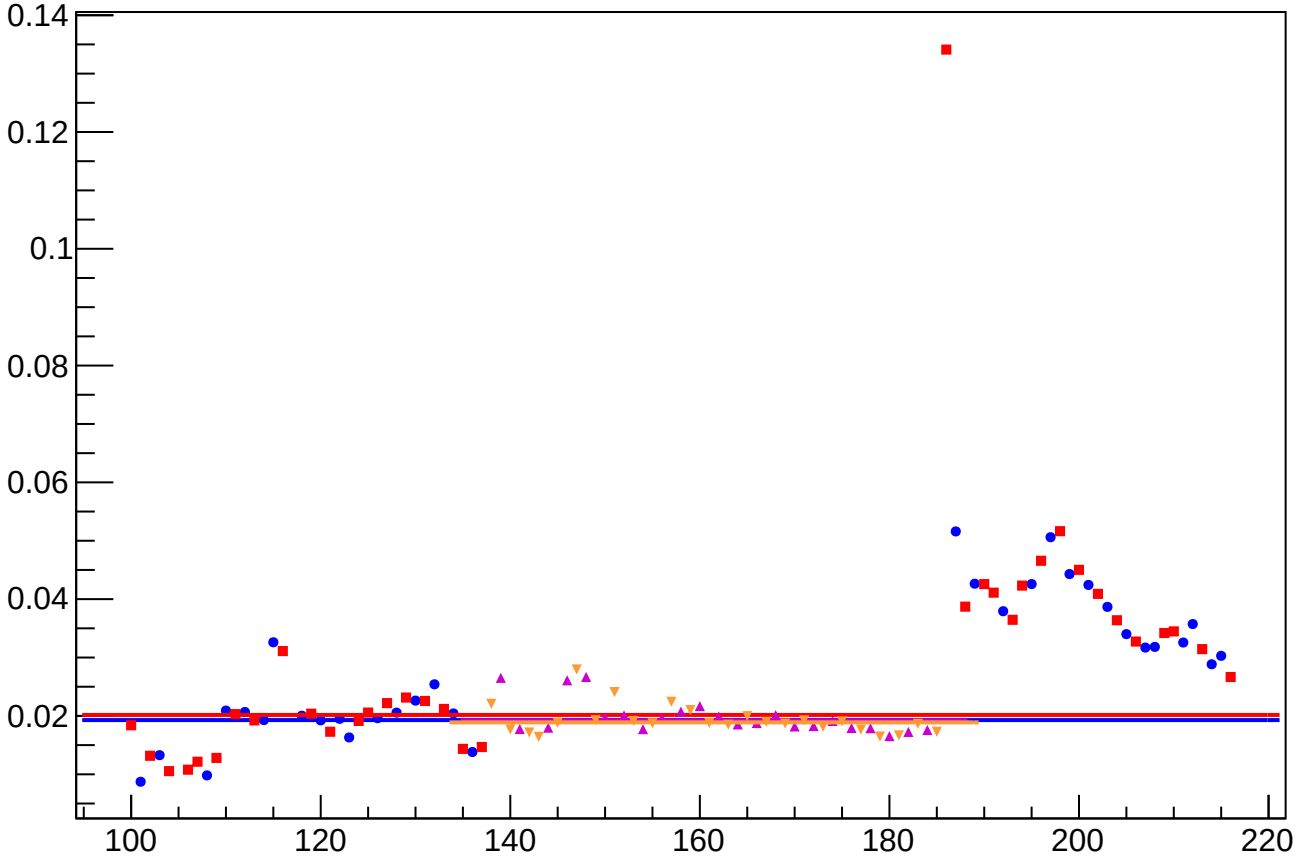
Left In: 9.001+/-0.000 χ^2/NDF:5314536205.4/22

+ sign 9.545+/-0.000 χ^2/NDF: 56382250515.8/56

All: 9.553+/-0.000 χ^2/NDF: 107674832777.0

- sign 9.561+/-0.000 χ^2/NDF: 51281751694.7/57

yield_sam6_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF: 7520458.7/31

Left Out: 0.019+/-0.000 χ^2/NDF:428169.5/24

Right Out: 0.020+/-0.000 χ^2/NDF: 7279201.1/34

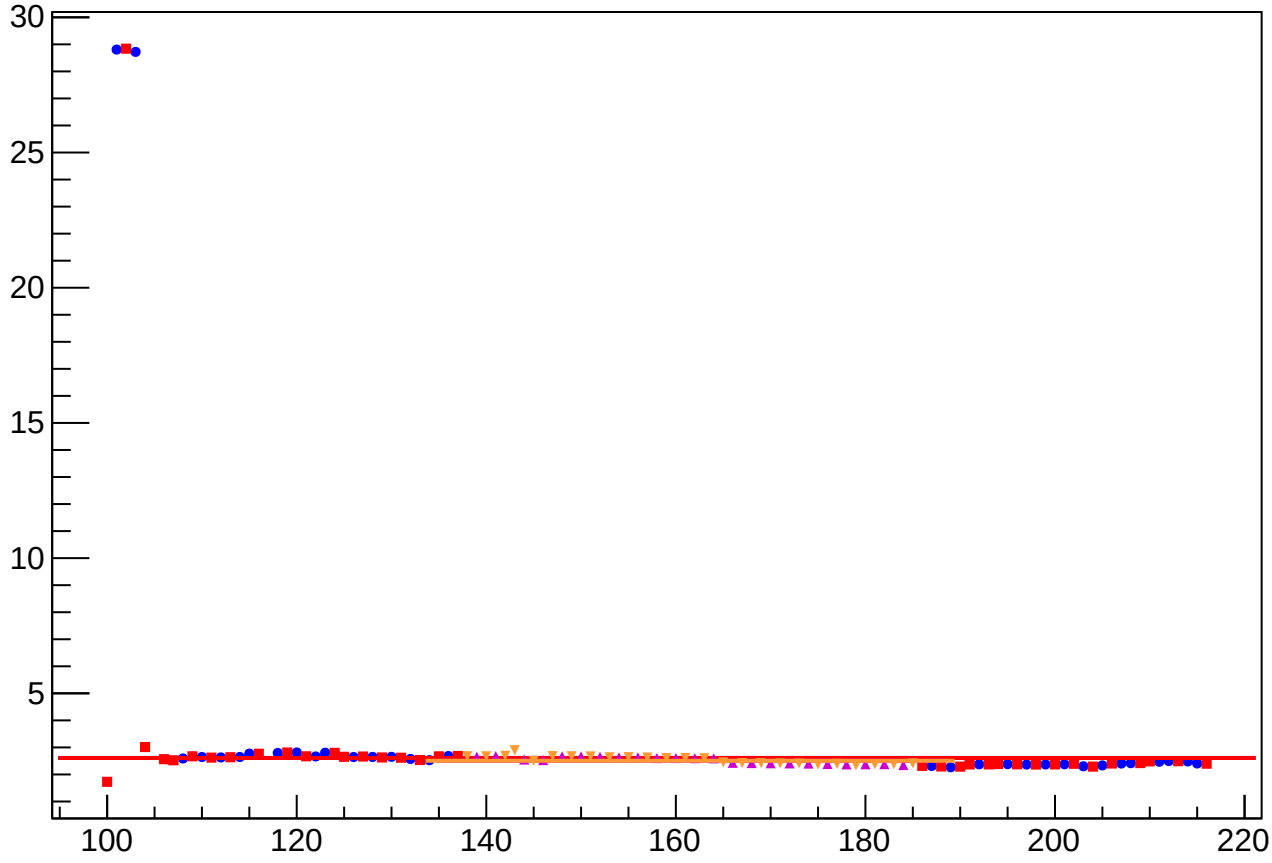
Left In: 0.019+/-0.000 χ^2/NDF:481824.0/22

+ sign 0.019+/-0.000 χ^2/NDF: 7954612.4/56

All: 0.019+/-0.000 χ^2/NDF: 15774040.0/114

- sign 0.020+/-0.000 χ^2/NDF: 7793908.1/57

yield_sam7_mean vs Slug



Right In: 2.612+/-0.000 χ^2/NDF: 183257700508.2/31

Left Out: 2.507+/-0.000 χ^2/NDF:64277969186.7/24

Right Out: 2.609+/-0.000 χ^2/NDF: 92292203257.8/34

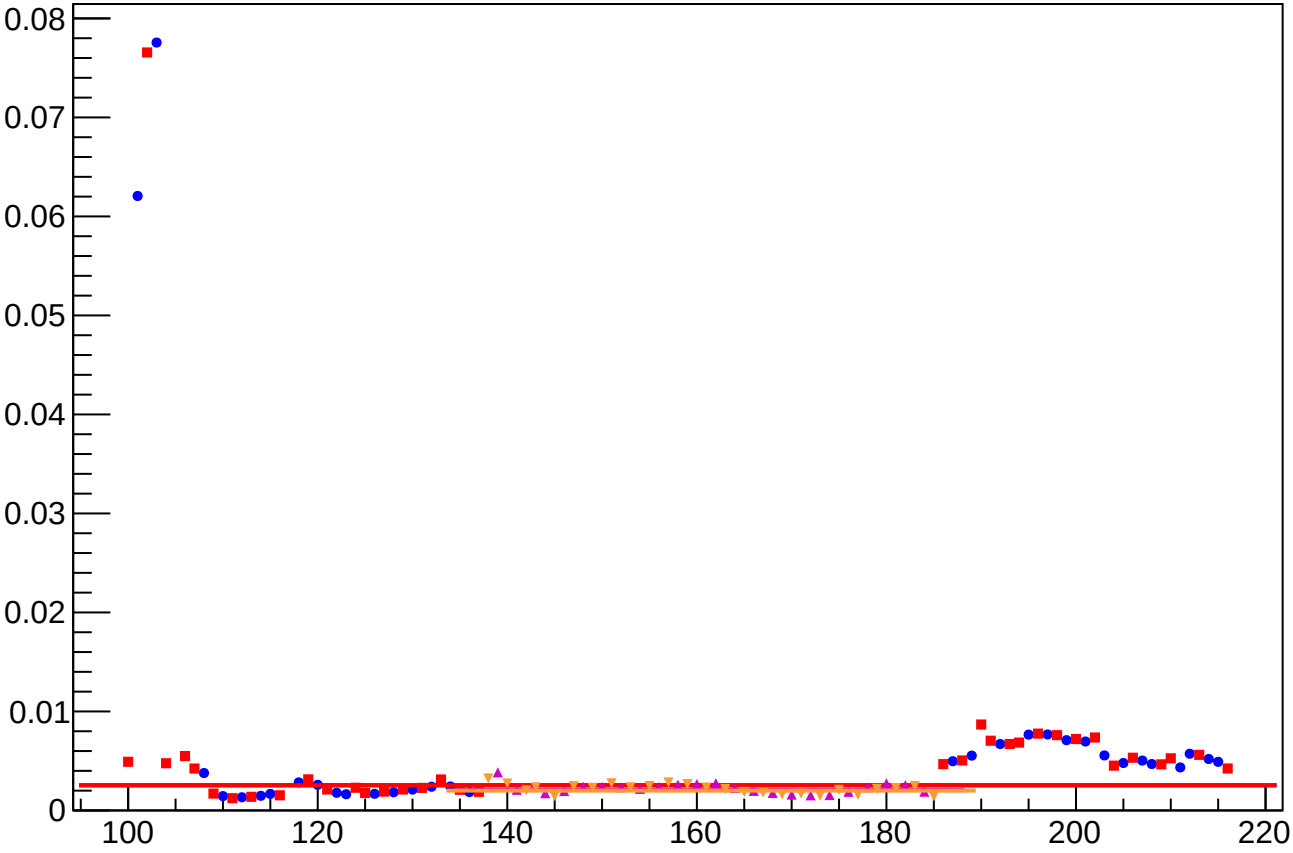
Left In: 2.505+/-0.000 χ^2/NDF:42893630742.5/22

+ sign 2.540+/-0.000 χ^2/NDF: 260170549397.0/56

All: 2.540+/-0.000 χ^2/NDF: 407503850958.0

- sign 2.541+/-0.000 χ^2/NDF: 147329027592.9/57

yield_sam7_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 10550851.7/31

Left Out: 0.002+/-0.000 χ^2/NDF:1469103.5/24

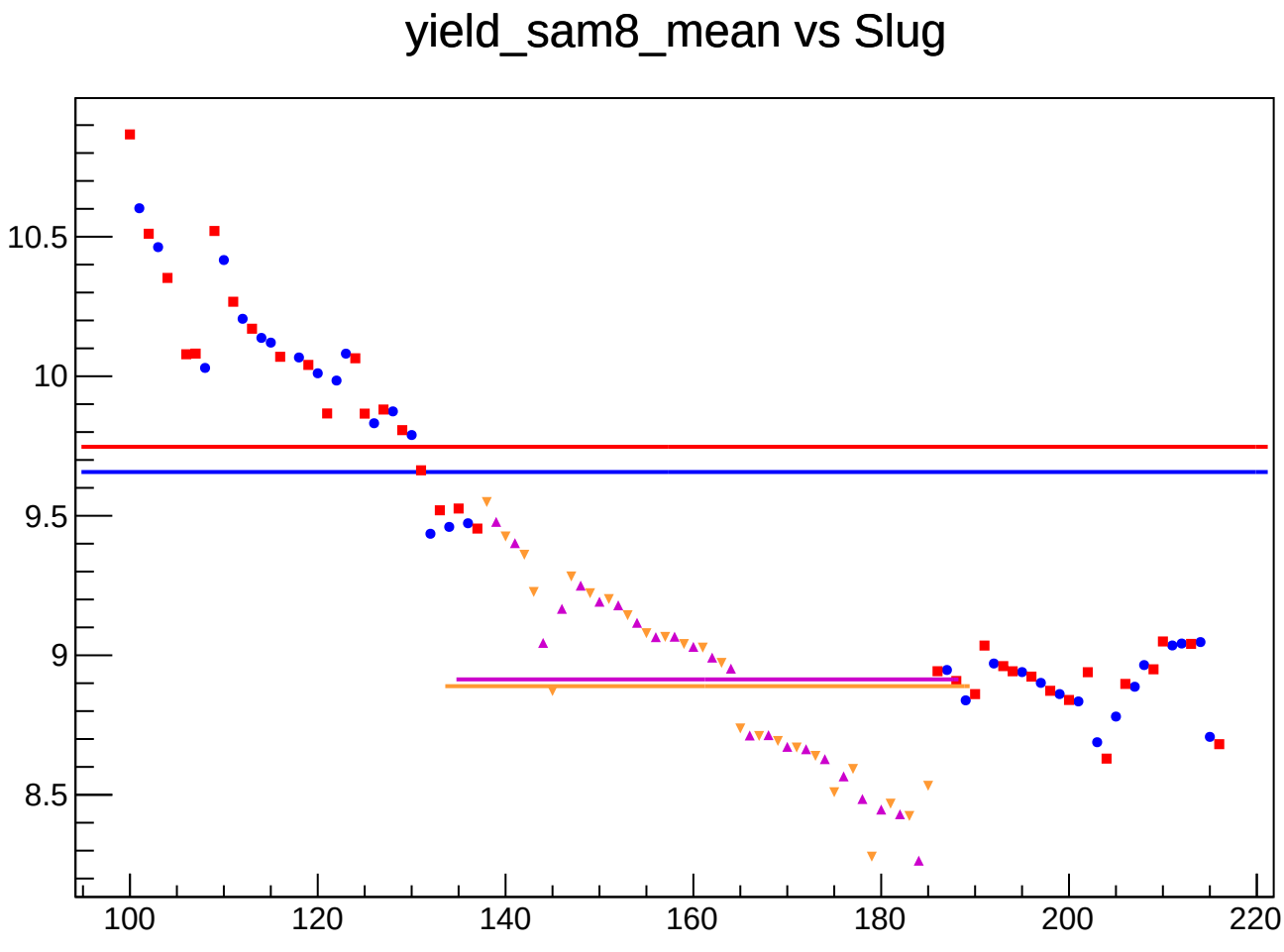
Right Out: 0.003+/-0.000 χ^2/NDF: 10515877.7/34

Left In: 0.002+/-0.000 χ^2/NDF:1303230.9/22

+ sign 0.002+/-0.000 χ^2/NDF: 12677452.7/56

All: 0.002+/-0.000 χ^2/NDF: 25038154.6/114

- sign 0.002+/-0.000 χ^2/NDF: 12347636.6/57



Right In: 9.657+/-0.000 χ^2/NDF: 85058672175.4/31

Left Out: 8.889+/-0.000 χ^2/NDF:34704694045.9/24

Right Out: 9.747+/-0.000 χ^2/NDF: 92327269226.2/34

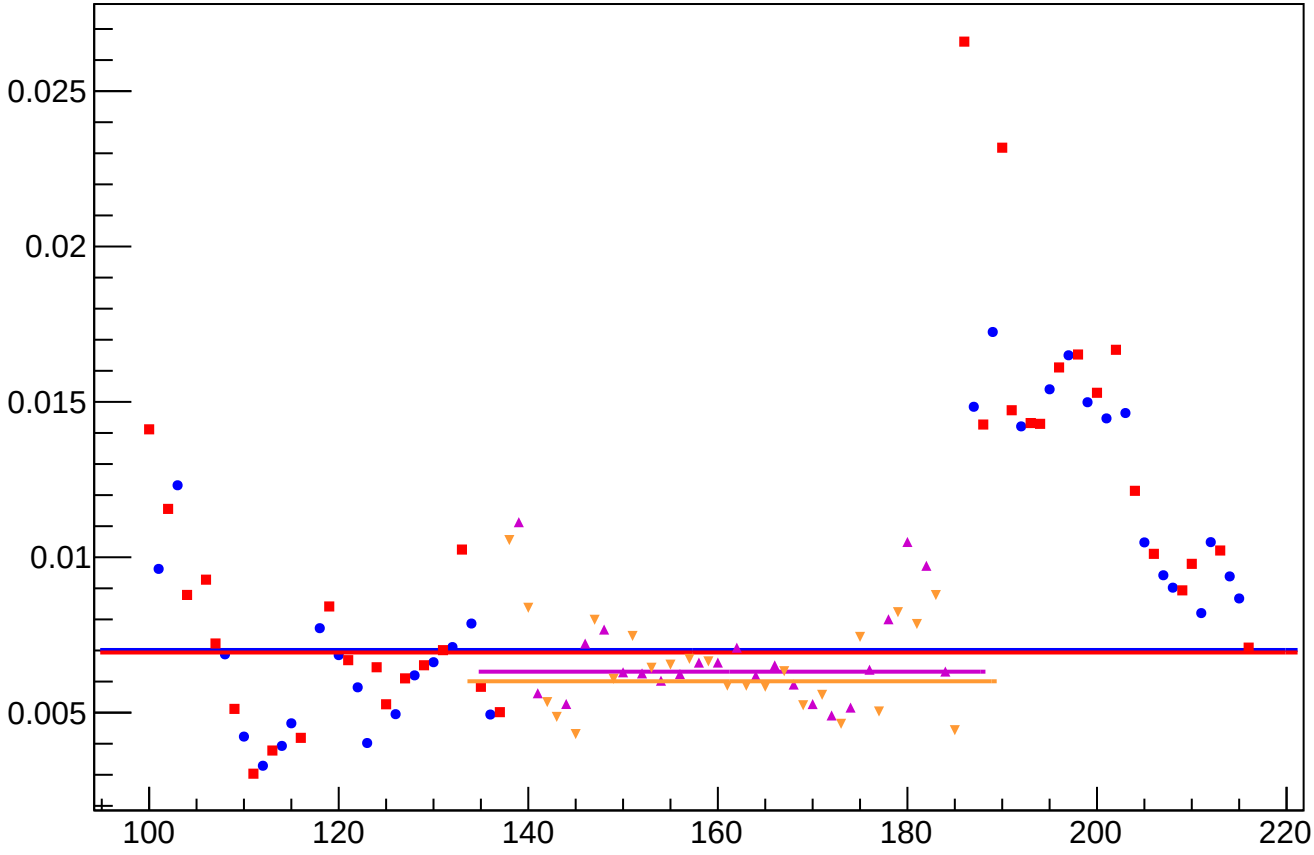
Left In: 8.914+/-0.000 χ^2/NDF:28497227562.7/22

+ sign 9.192+/-0.000 χ^2/NDF: 213133221673.4/56

All: 9.231+/-0.000 χ^2/NDF: 440544180483.2

- sign 9.274+/-0.000 χ^2/NDF: 225265528389.1/57

yield_sam8_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 6093376.6/31

Left Out: 0.006+/-0.000 χ^2/NDF:1312525.9/24

Right Out: 0.007+/-0.000 χ^2/NDF: 7551523.5/34

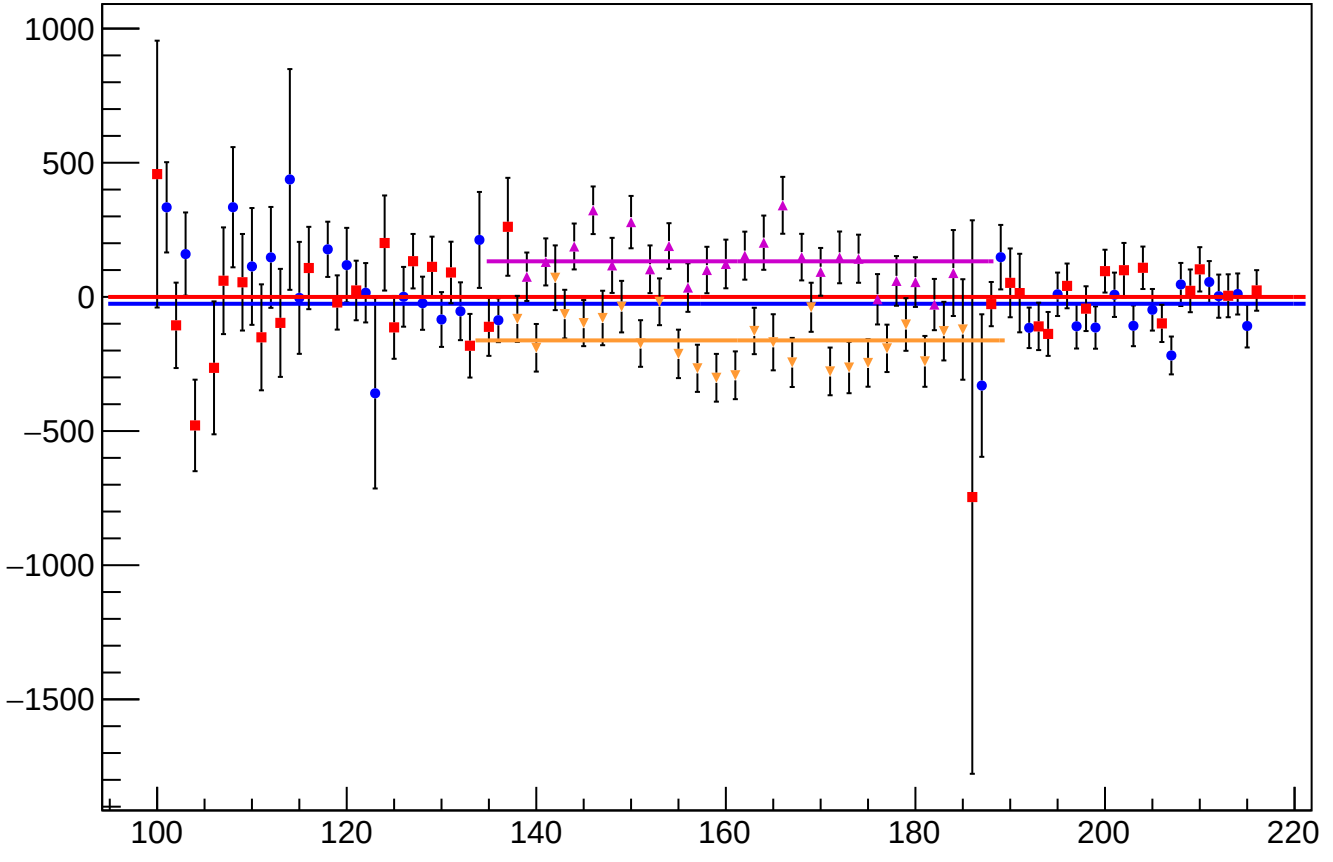
Left In: 0.006+/-0.000 χ^2/NDF:1087051.3/22

+ sign 0.006+/-0.000 χ^2/NDF: 7727549.0/56

All: 0.006+/-0.000 χ^2/NDF: 16500945.6/114

- sign 0.007+/-0.000 χ^2/NDF: 8753024.1/57

reg_asym_sam1_mean vs Slug



Right In: -25.669+/-17.787 χ^2/NDF: 39.3/31

Left Out: -162.161+/-18.745 χ^2/NDF:25.7/24

Right Out: -0.191+/-18.128 χ^2/NDF: 36.7/34

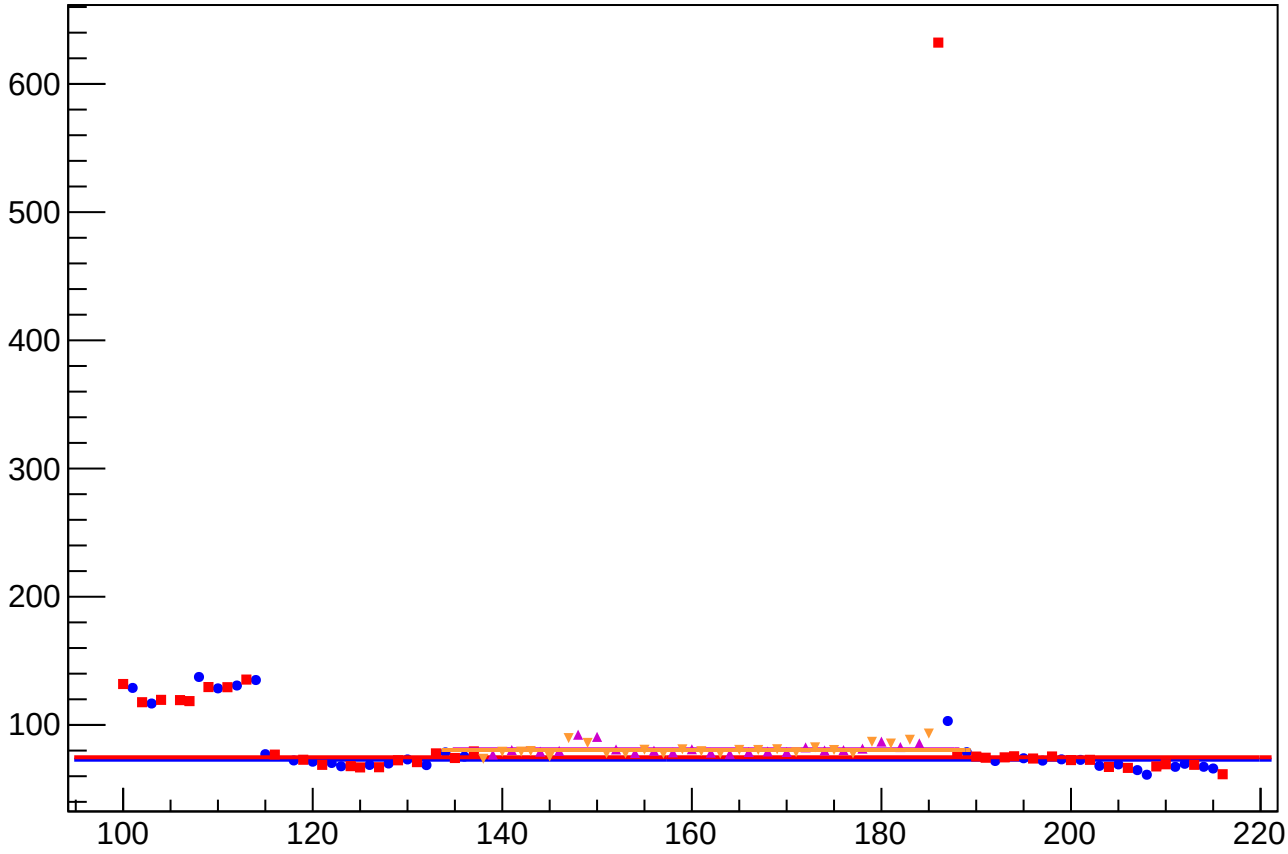
Left In: 132.557+/-19.403 χ^2/NDF:20.7/22

+ sign -90.341+/-12.903 χ^2/NDF: 92.9/56

All: -16.329+/-9.243 χ^2/NDF: 242.9/114

- sign 61.679+/-13.246 χ^2/NDF: 82.4/57

reg_asym_sam1_rms vs Slug



Right In: 72.882+/-0.013 χ^2/NDF: 1078429.3/31

Left Out: 80.459+/-0.013 χ^2/NDF:89942.2/24

Right Out: 74.783+/-0.013 χ^2/NDF: 1761030.1/34

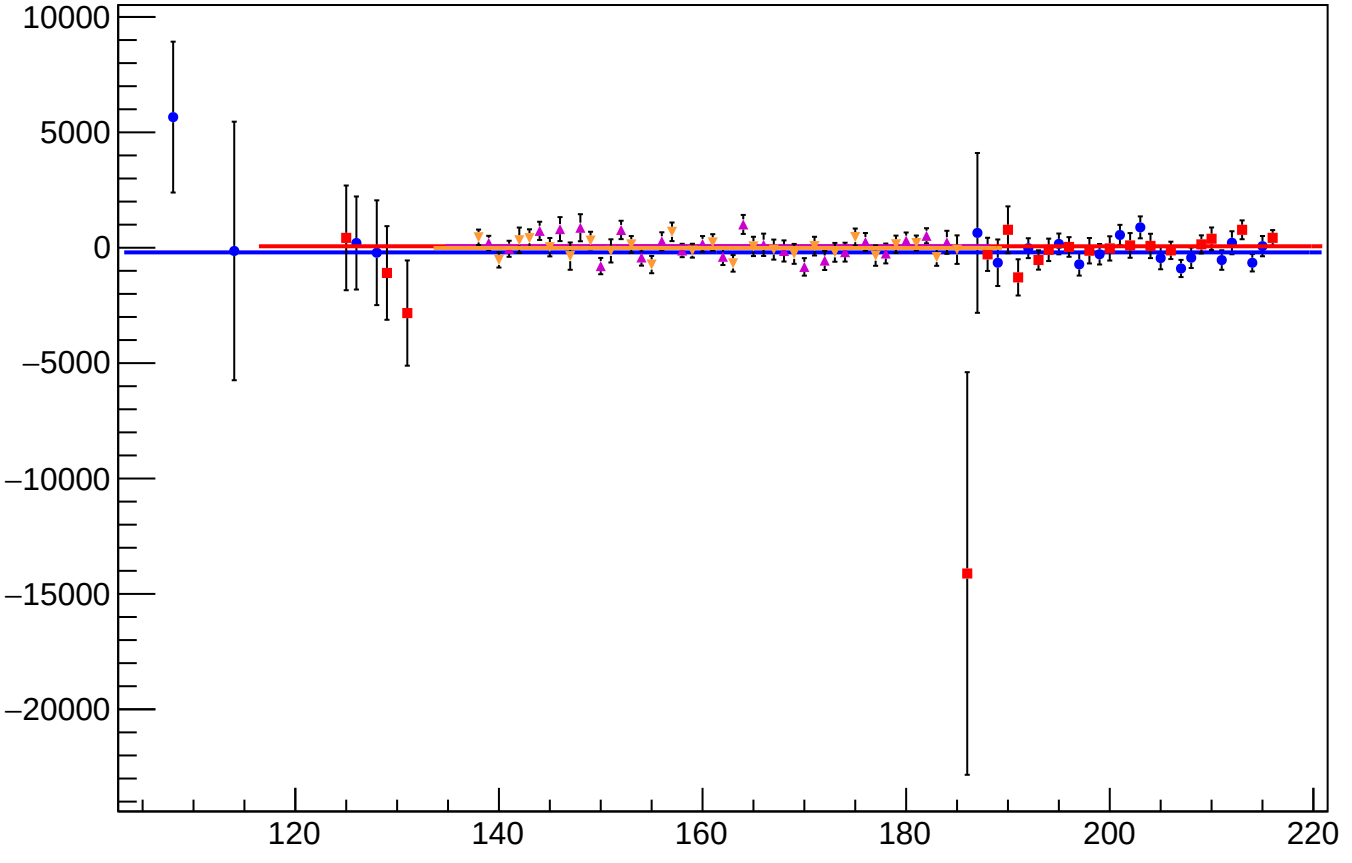
Left In: 81.014+/-0.014 χ^2/NDF:72250.2/22

+ sign 76.472+/-0.009 χ^2/NDF: 1340325.9/56

All: 77.063+/-0.007 χ^2/NDF: 3292372.9/114

- sign 77.687+/-0.009 χ^2/NDF: 1943412.9/57

asym_sam1_correction_mean vs Slug



Right In: -200.977+/-120.171 χ^2/NDF: 20.9/18

Left Out: -10.486+/-78.391 χ^2/NDF:22.5/24

Right Out: 63.587+/-121.991 χ^2/NDF: 15.5/18

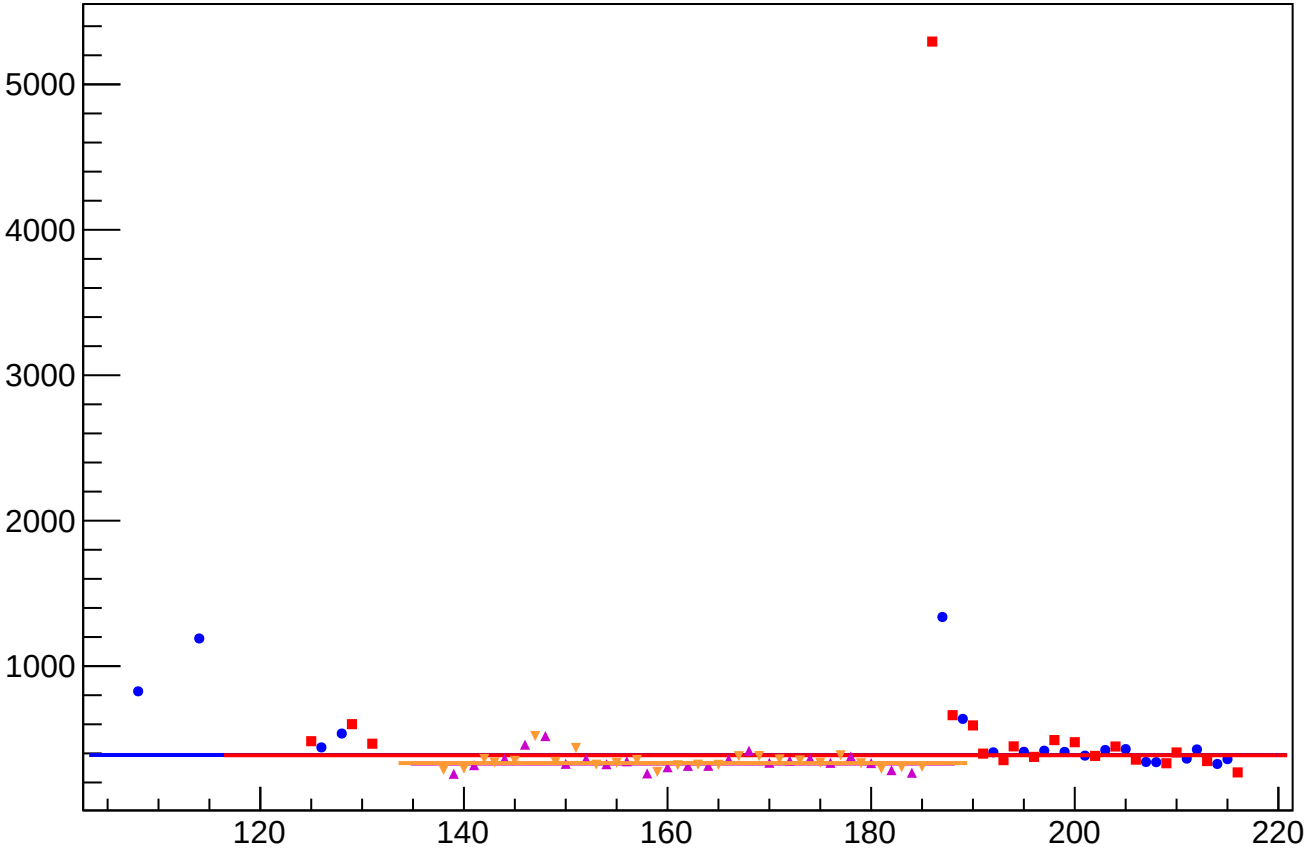
Left In: 64.591+/-80.047 χ^2/NDF:37.4/22

+ sign -67.349+/-65.656 χ^2/NDF: 45.2/43

All: -2.790+/-46.868 χ^2/NDF: 100.0/85

- sign 64.289+/-66.925 χ^2/NDF: 52.9/41

asym_sam1_correction_rms vs Slug



Right In: 389.068+/-0.085 χ^2/NDF: 541911.0/18

Left Out: 333.233+/-0.055 χ^2/NDF:592122.2/24

Right Out: 387.242+/-0.086 χ^2/NDF: 1558899.9/18

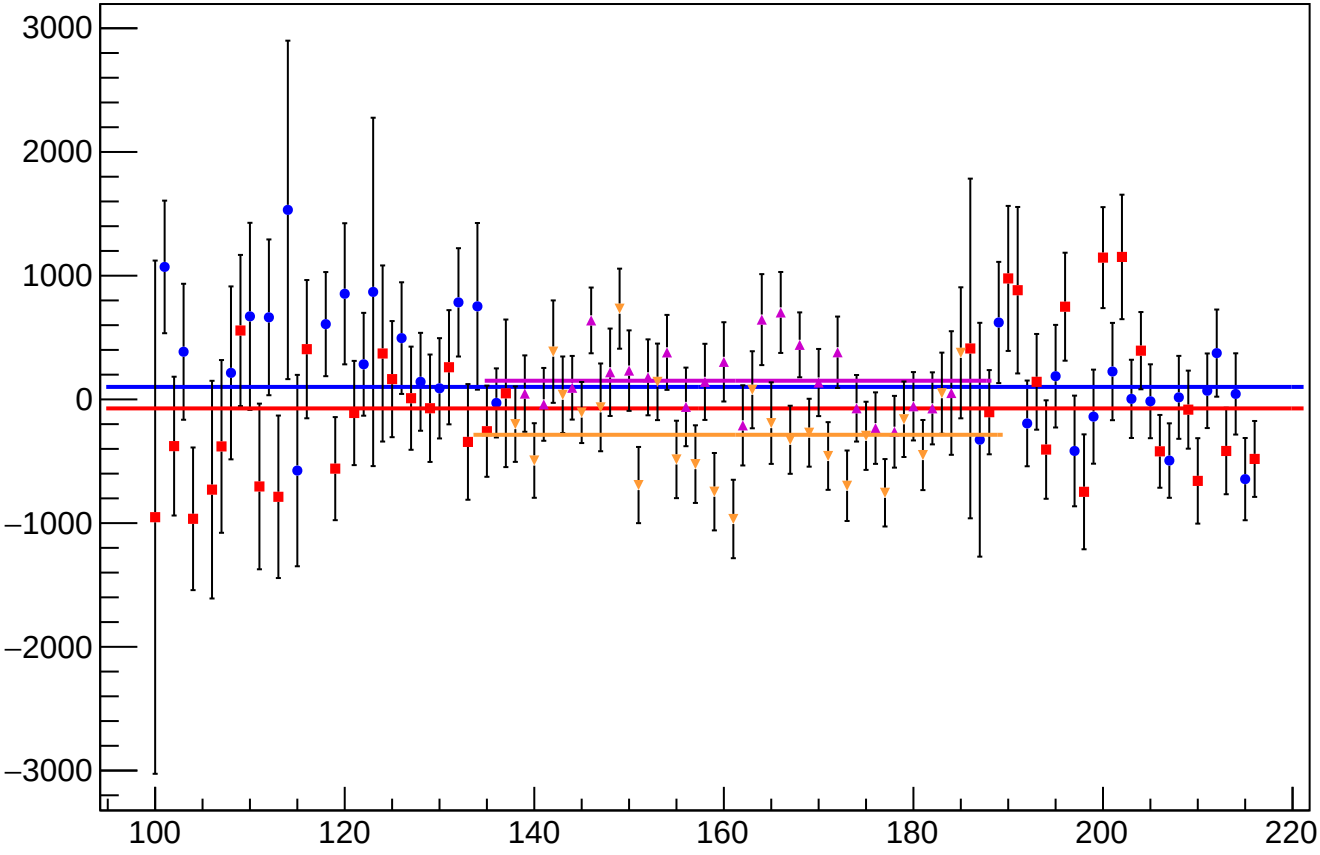
Left In: 329.985+/-0.057 χ^2/NDF:795969.0/22

\+ sign 349.900+/-0.046 χ^2/NDF: 1436913.8/43

All: 348.585+/-0.033 χ^2/NDF: 4101395.7/85

\- sign 347.218+/-0.047 χ^2/NDF: 2662844.6/41

reg_asym_sam2_mean vs Slug



Right In: 100.900+/-73.657 χ^2/NDF: 28.7/31

Left Out: -286.030+/-61.095 χ^2/NDF:36.6/24

Right Out: -72.820+/-75.641 χ^2/NDF: 46.8/34

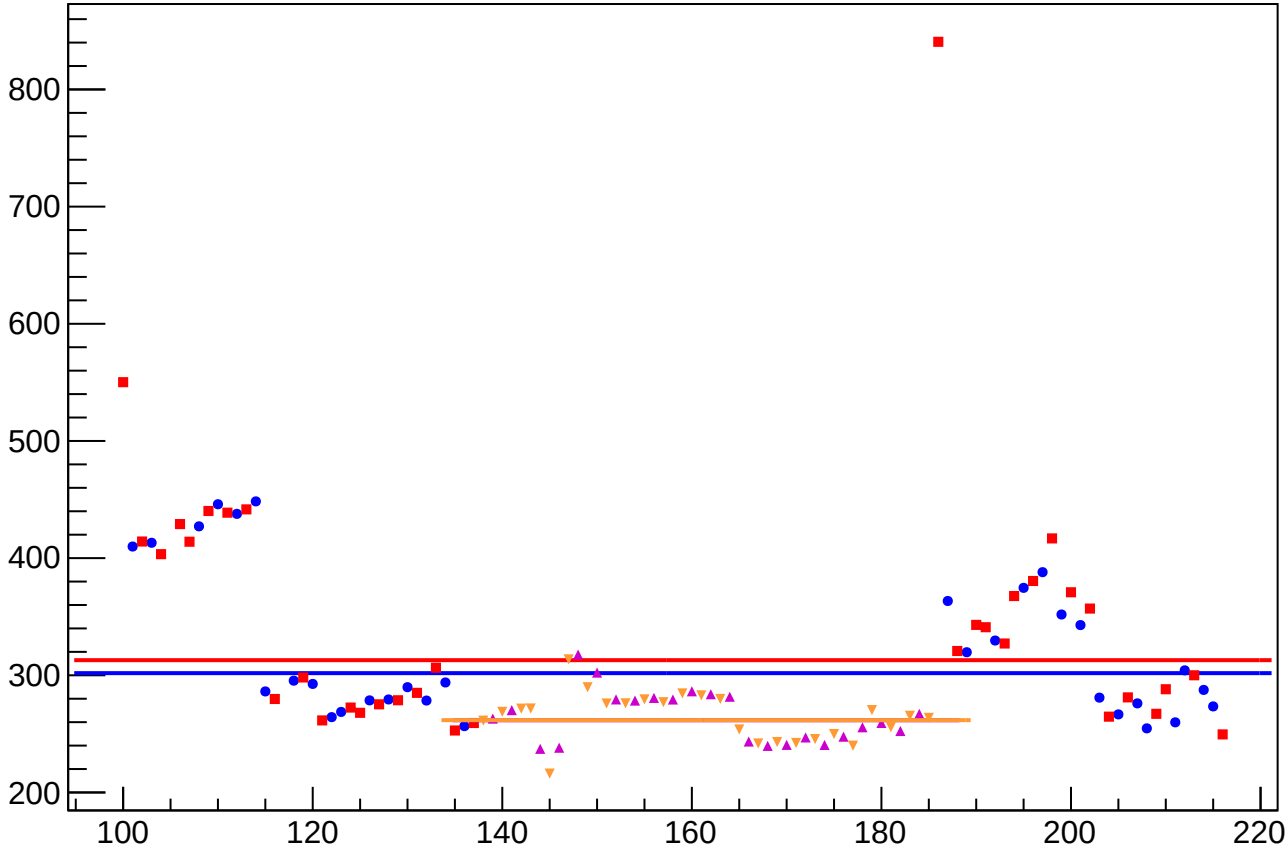
Left In: 150.920+/-62.818 χ^2/NDF:18.7/22

+ sign -128.326+/-47.024 χ^2/NDF: 81.6/56

All: -36.931+/-33.702 χ^2/NDF: 160.0/114

- sign 59.595+/-48.326 χ^2/NDF: 70.7/57

reg_asym_sam2_rms vs Slug



Right In: 301.837+/-0.052 χ^2/NDF: 872125.8/31

Left Out: 261.722+/-0.043 χ^2/NDF:233222.6/24

Right Out: 312.905+/-0.053 χ^2/NDF: 1382666.4/34

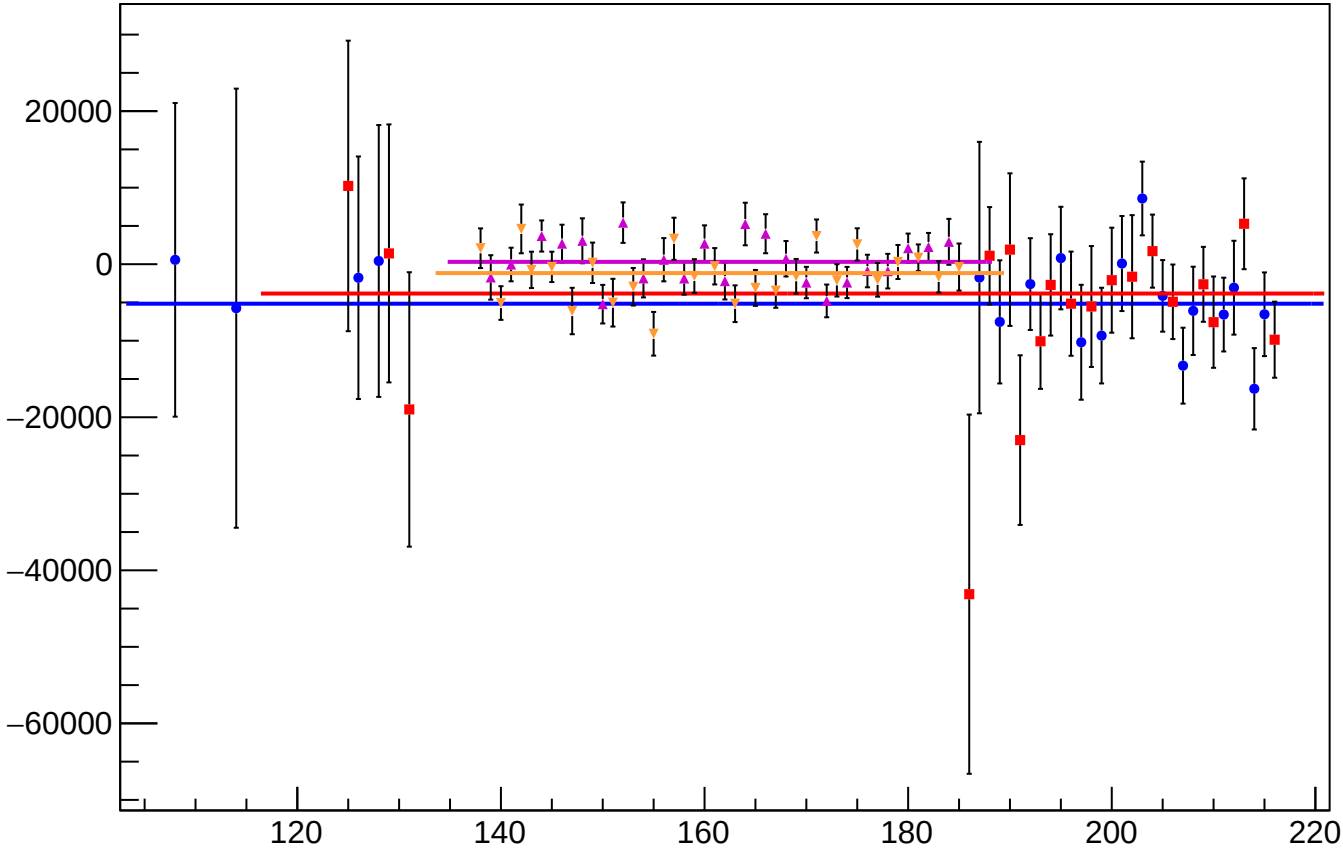
Left In: 261.637+/-0.044 χ^2/NDF:228241.3/22

+ sign 278.072+/-0.033 χ^2/NDF: 1456794.3/56

All: 280.256+/-0.024 χ^2/NDF: 3620344.7/114

- sign 282.563+/-0.034 χ^2/NDF: 2154677.3/57

asym_sam2_correction_mean vs Slug



Right In: -5164.167+/-1496.132 χ^2/NDF: 18.5/18

Left Out: -1161.443+/-469.036 χ^2/NDF:38.8/24

Right Out: -3833.636+/-1577.563 χ^2/NDF: 15.0/18

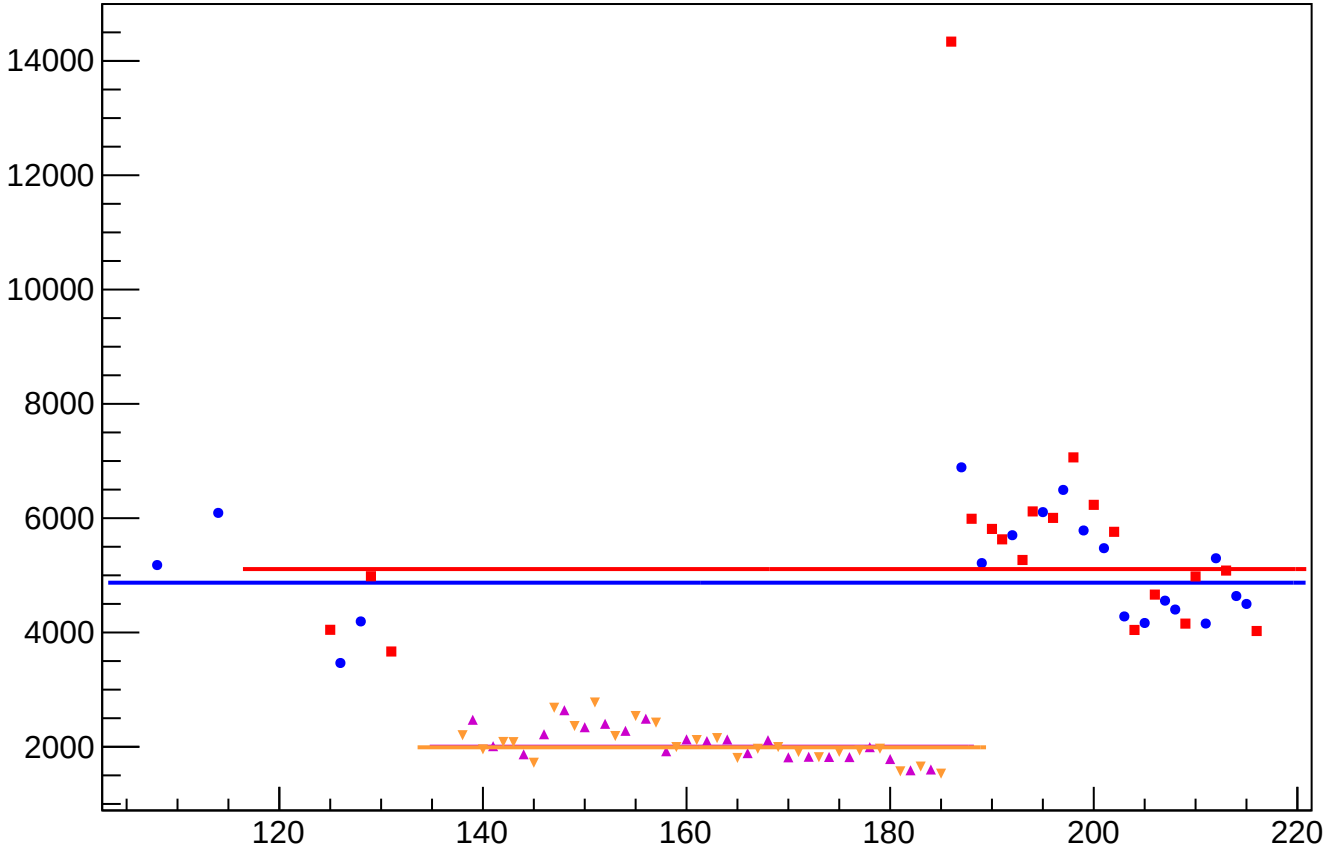
Left In: 304.366+/-483.778 χ^2/NDF:35.4/22

+ sign -1519.634+/-447.558 χ^2/NDF: 63.7/43

All: -809.612+/-321.630 χ^2/NDF: 125.6/85

- sign -51.328+/-462.519 χ^2/NDF: 56.7/41

asym_sam2_correction_rms vs Slug



Right In: 4871.195+/-1.058 χ^2/NDF: 477311.9/18

Left Out: 1991.105+/-0.332 χ^2/NDF:726310.6/24

Right Out: 5109.559+/-1.116 χ^2/NDF: 941207.4/18

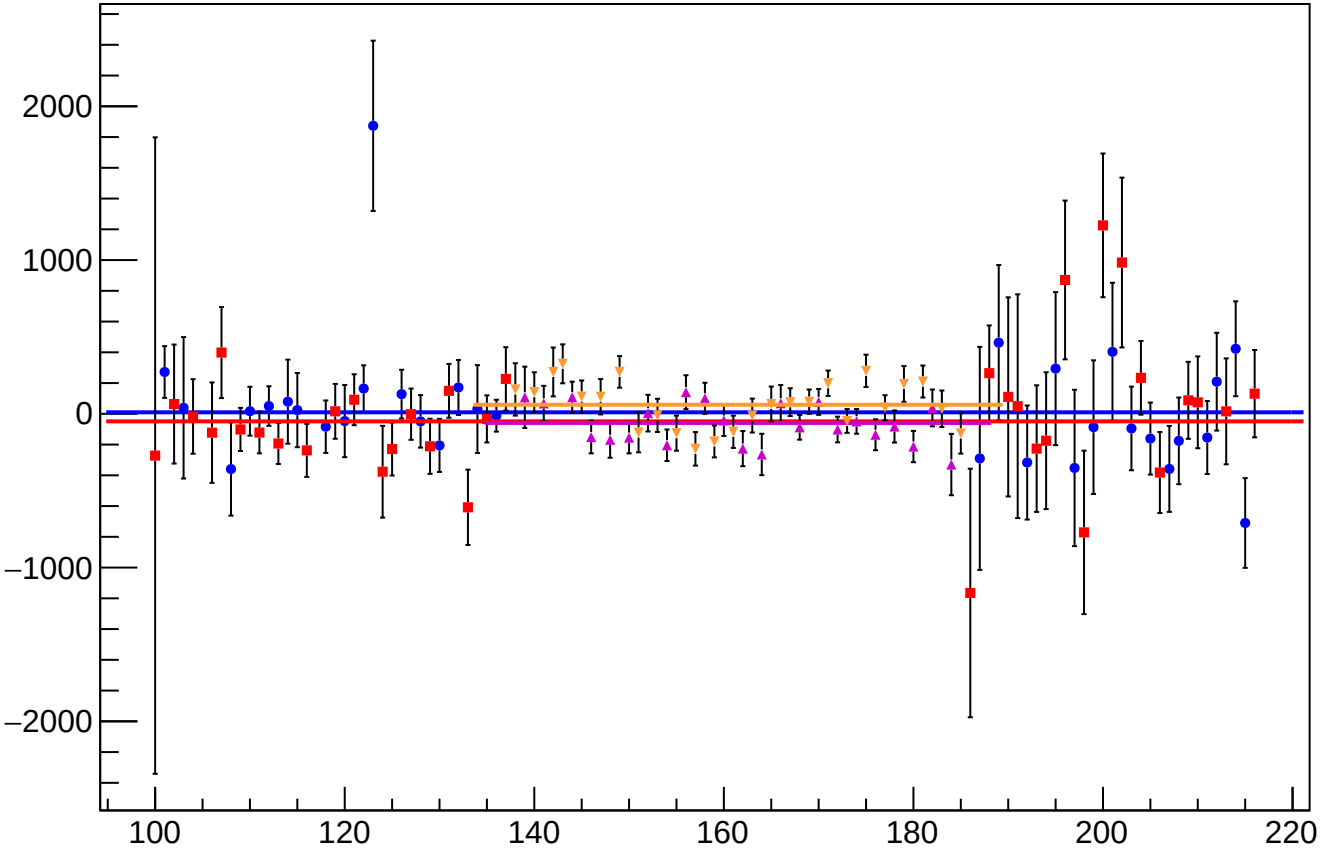
Left In: 2002.154+/-0.342 χ^2/NDF:585947.4/22

+ sign 2248.835+/-0.316 χ^2/NDF: 7951833.6/43

All: 2258.712+/-0.227 χ^2/NDF: 16573820.0/8

- sign 2269.260+/-0.327 χ^2/NDF: 8619972.2/41

reg_asym_sam3_mean vs Slug



Right In: 9.827+/-38.821 χ^2/NDF: 34.9/31

Left Out: 58.983+/-21.137 χ^2/NDF:46.9/24

Right Out: -49.001+/-38.994 χ^2/NDF: 40.7/34

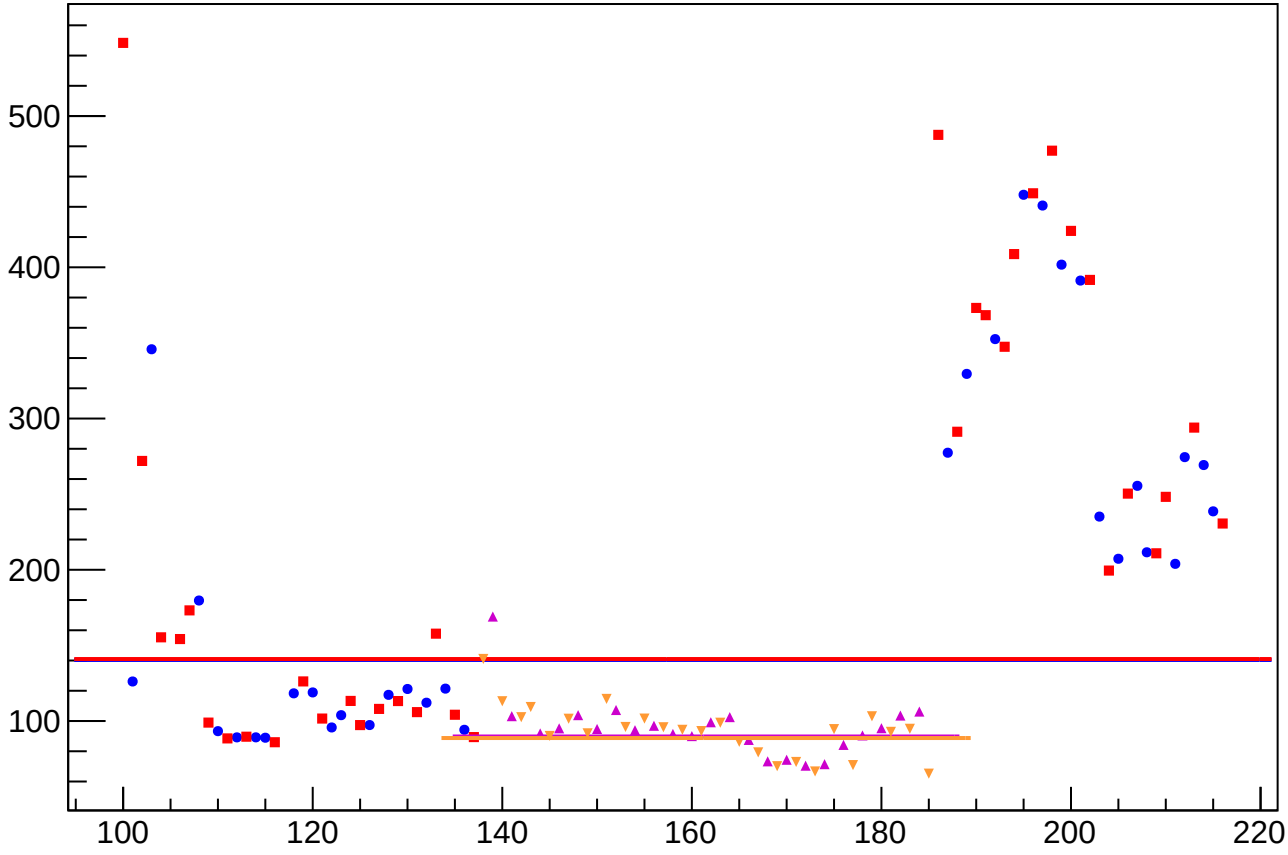
Left In: -59.235+/-21.921 χ^2/NDF:29.4/22

+ sign 47.742+/-18.564 χ^2/NDF: 83.1/56

All: -3.007+/-13.315 χ^2/NDF: 168.6/114

- sign -56.777+/-19.109 χ^2/NDF: 70.2/57

reg_asym_sam3_rms vs Slug



Right In: 140.373+/-0.027 χ^2/NDF: 7761200.0/31

Left Out: 88.748+/-0.015 χ^2/NDF:1079338.8/24

Right Out: 140.980+/-0.028 χ^2/NDF: 8697238.4/34

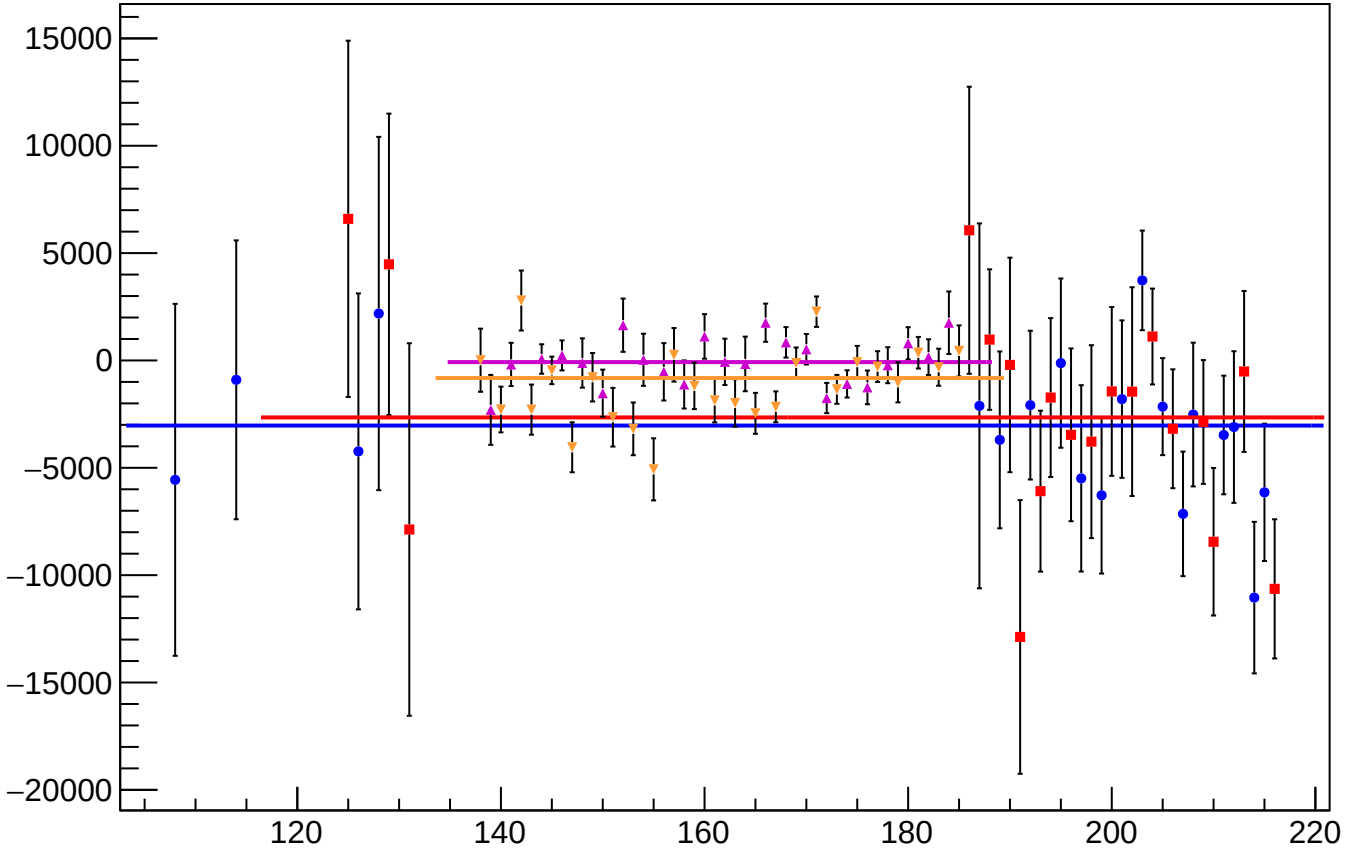
Left In: 89.766+/-0.016 χ^2/NDF:885818.0/22

+ sign 100.553+/-0.013 χ^2/NDF: 11568606.0/56

All: 101.287+/-0.009 χ^2/NDF: 23779593.1/11

- sign 102.064+/-0.014 χ^2/NDF: 12204553.0/57

asym_sam3_correction_mean vs Slug



Right In: -3033.129+/-823.734 χ^2/NDF: 19.3/18

Left Out: -818.877+/-184.464 χ^2/NDF:68.2/24

Right Out: -2653.778+/-879.239 χ^2/NDF: 21.7/18

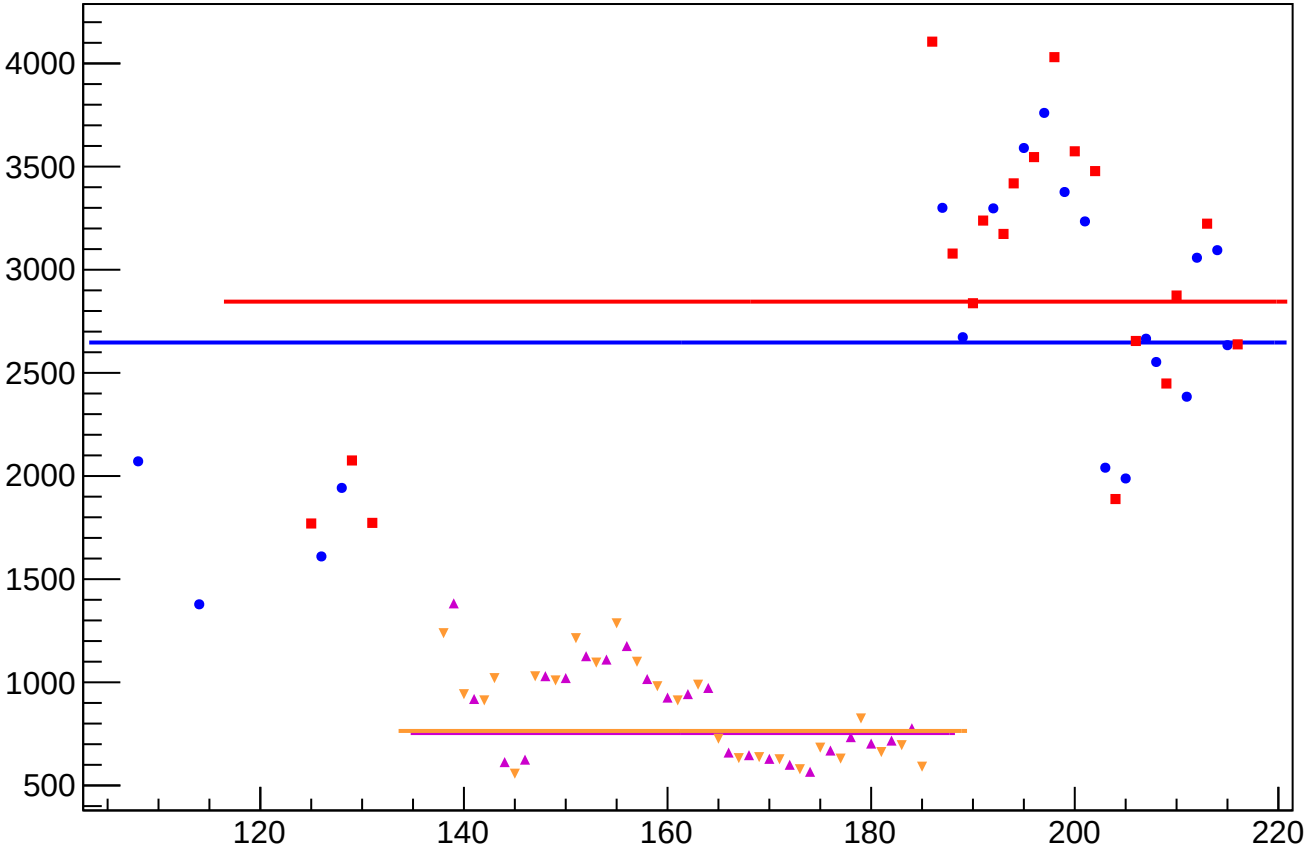
Left In: -76.204+/-186.651 χ^2/NDF:28.3/22

+ sign -924.613+/-180.006 χ^2/NDF: 94.4/43

All: -561.222+/-128.184 χ^2/NDF: 160.8/85

- sign -187.355+/-182.582 χ^2/NDF: 58.2/41

asym_sam3_correction_rms vs Slug



Right In: 2647.238+/-0.582 χ^2/NDF: 986281.0/18

Left Out: 764.280+/-0.130 χ^2/NDF:2315985.8/24

Right Out: 2845.372+/-0.622 χ^2/NDF: 986372.2/18

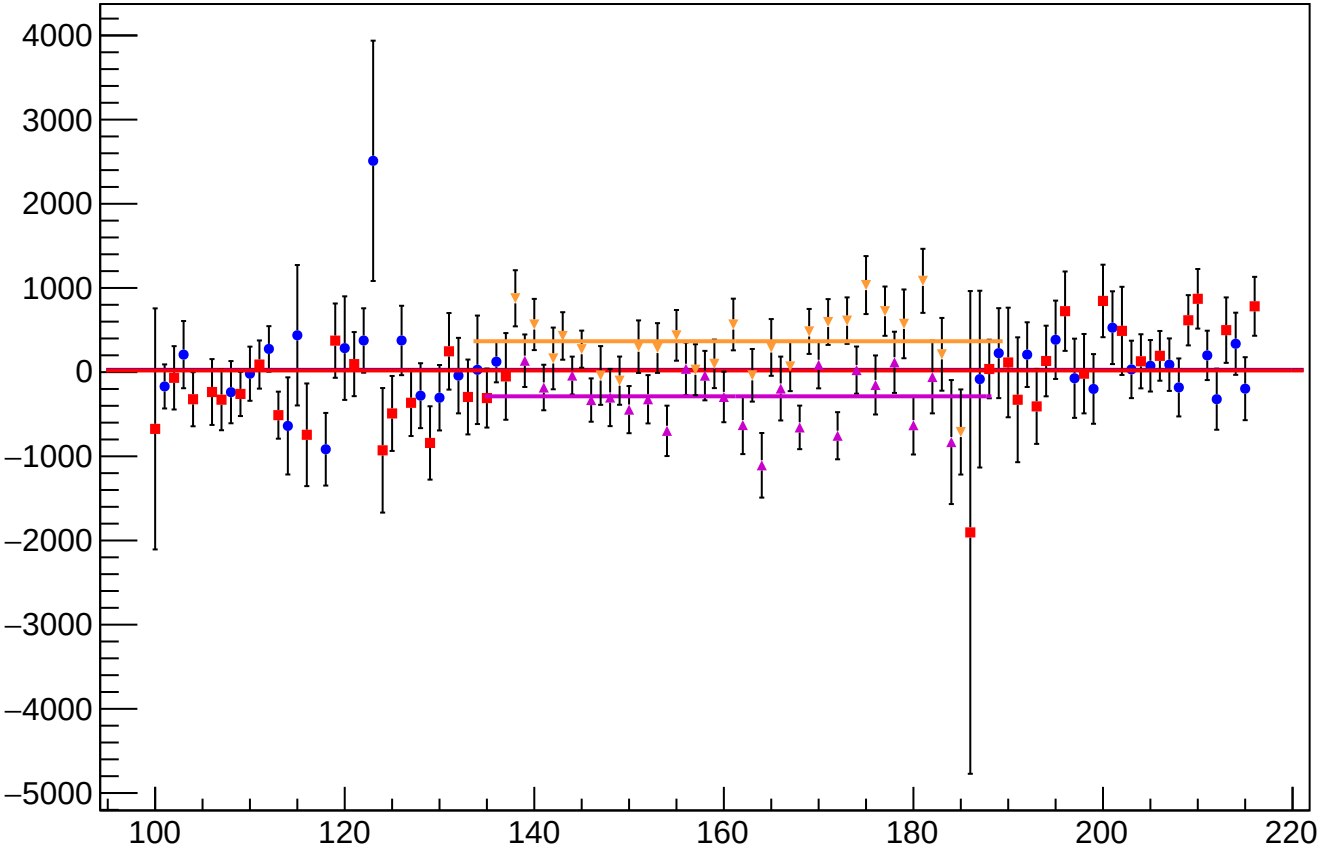
Left In: 754.027+/-0.132 χ^2/NDF:2013386.7/22

+ sign 854.196+/-0.127 χ^2/NDF: 13253732.3/43

All: 849.274+/-0.091 χ^2/NDF: 27083915.5/85

- sign 844.210+/-0.129 χ^2/NDF: 13827149.4/41

reg_asym_sam4_mean vs Slug



Right In: 27.062+/-67.781 χ^2/NDF: 20.2/31

Left Out: 367.028+/-61.943 χ^2/NDF:28.2/24

Right Out: 20.169+/-67.058 χ^2/NDF: 44.2/34

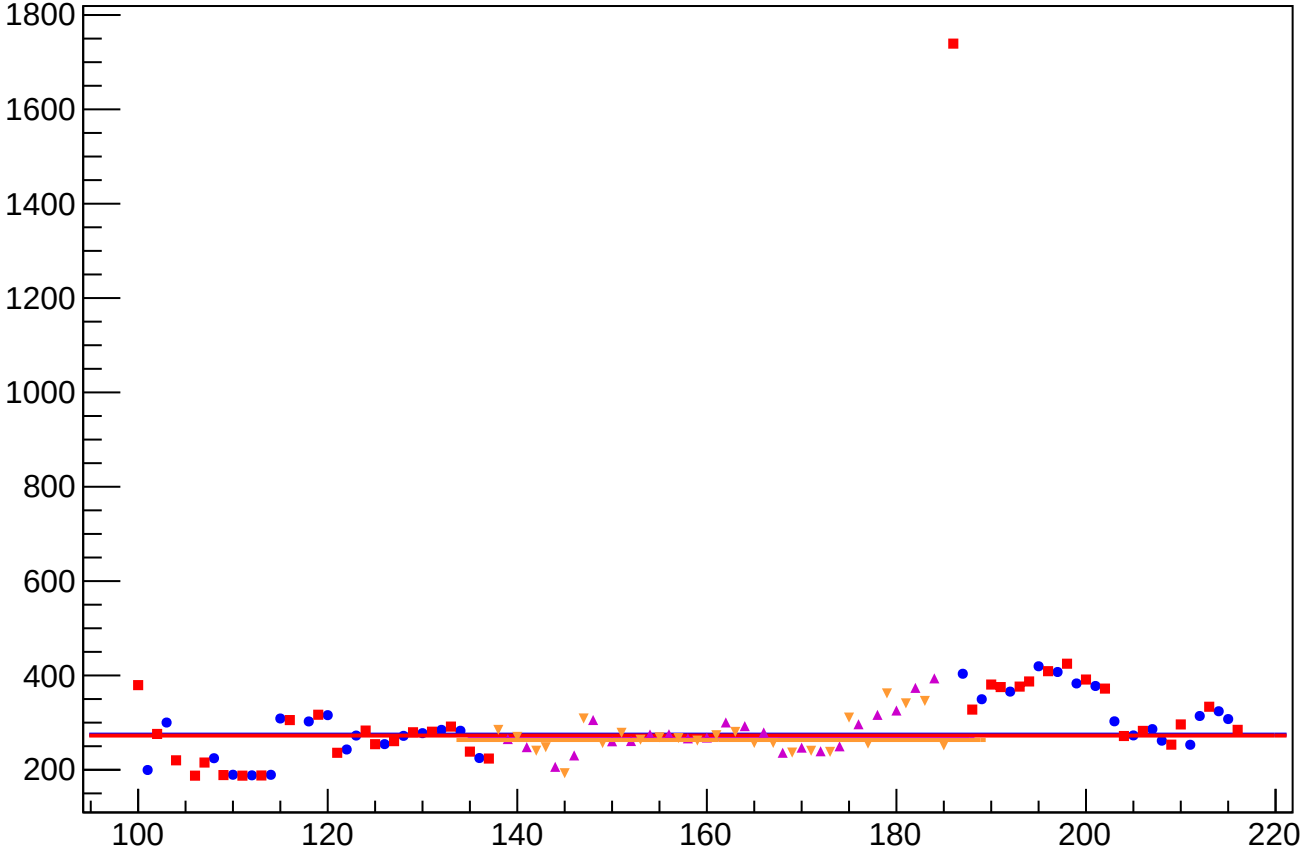
Left In: -287.246+/-64.141 χ^2/NDF:23.9/22

+ sign 212.314+/-45.725 χ^2/NDF: 62.1/56

All: 38.368+/-32.552 χ^2/NDF: 170.5/114

- sign -140.371+/-46.351 χ^2/NDF: 79.0/57

reg_asym_sam4_rms vs Slug



Right In: 274.600+/-0.048 χ^2/NDF: 1609375.5/31

Left Out: 263.103+/-0.044 χ^2/NDF:642226.0/24

Right Out: 272.593+/-0.047 χ^2/NDF: 2459852.9/34

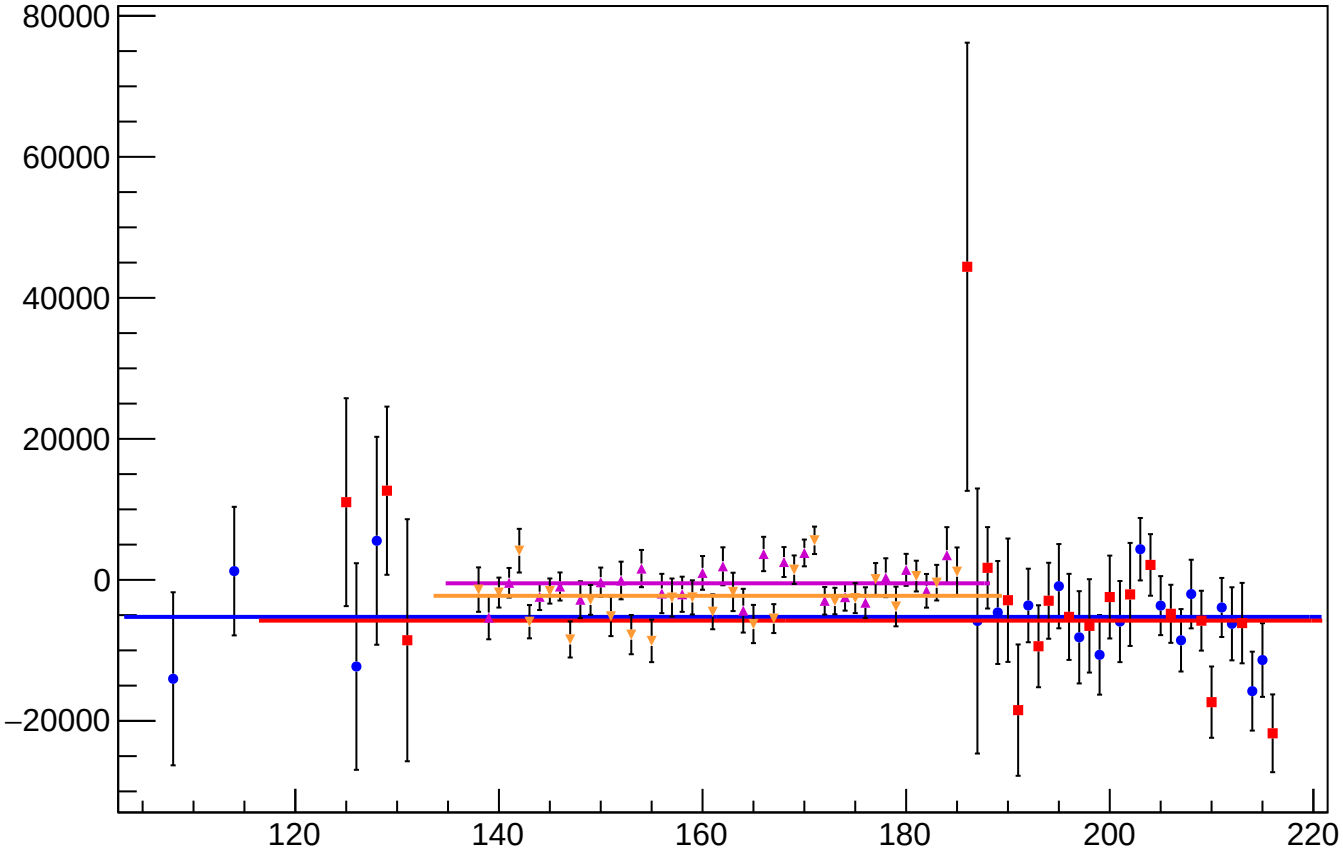
Left In: 264.923+/-0.045 χ^2/NDF:609024.7/22

+ sign 268.335+/-0.032 χ^2/NDF: 2282956.8/56

All: 268.460+/-0.023 χ^2/NDF: 5365529.8/114

- sign 268.588+/-0.033 χ^2/NDF: 3082542.8/57

asym_sam4_correction_mean vs Slug



Right In: -5250.965+/-1332.376 χ^2/NDF: 14.4/18

Left Out: -2260.196+/-475.336 χ^2/NDF:52.3/24

Right Out: -5781.056+/-1411.890 χ^2/NDF: 28.1/18

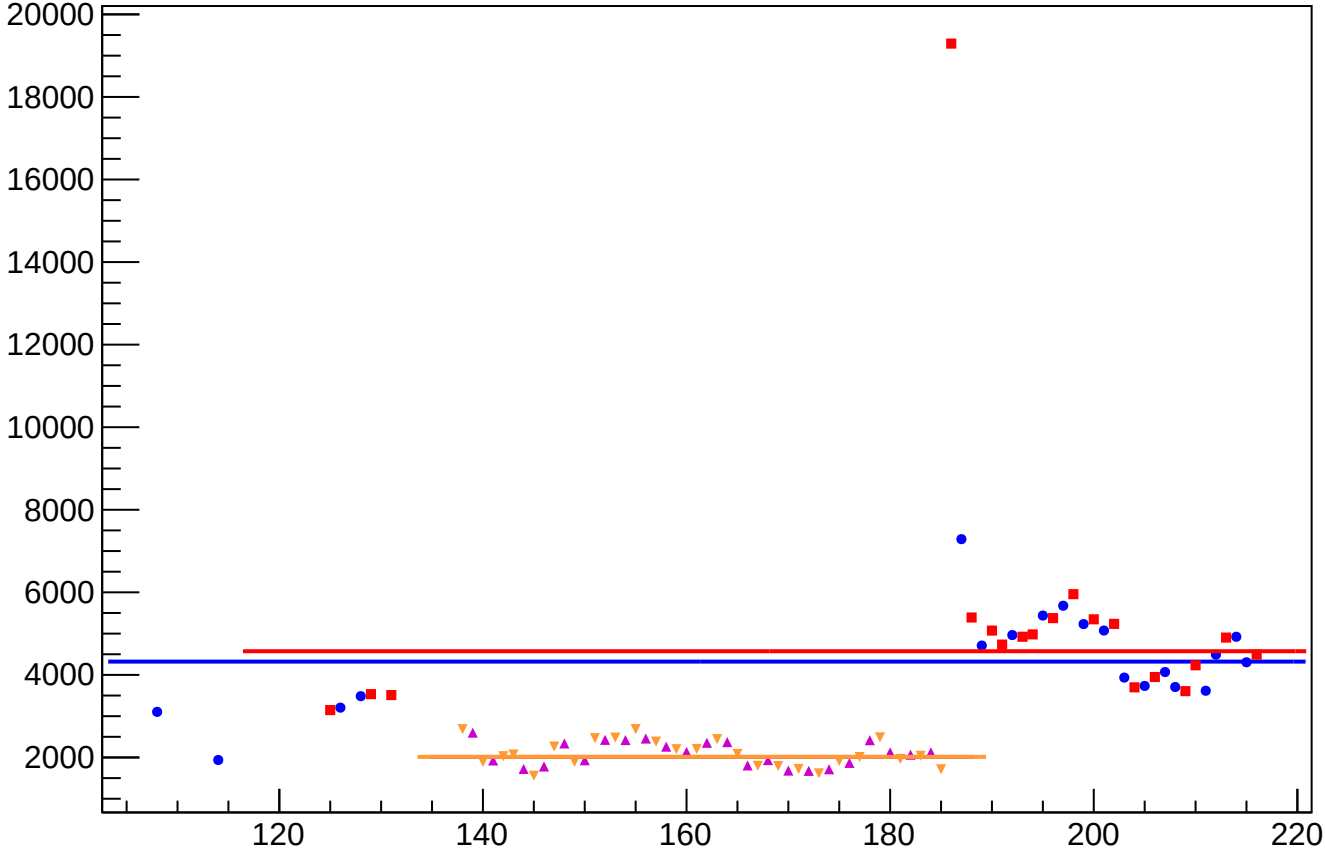
Left In: -485.590+/-487.465 χ^2/NDF:24.8/22

+ sign -2597.872+/-447.698 χ^2/NDF: 71.2/43

All: -1846.015+/-321.094 χ^2/NDF: 142.5/85

- sign -1049.593+/-460.776 χ^2/NDF: 65.4/41

asym_sam4_correction_rms vs Slug



Right In: 4322.058+/-0.942 χ^2/NDF: 677074.0/18

Left Out: 2014.106+/-0.336 χ^2/NDF:835656.9/24

Right Out: 4573.376+/-0.998 χ^2/NDF: 955415.7/18

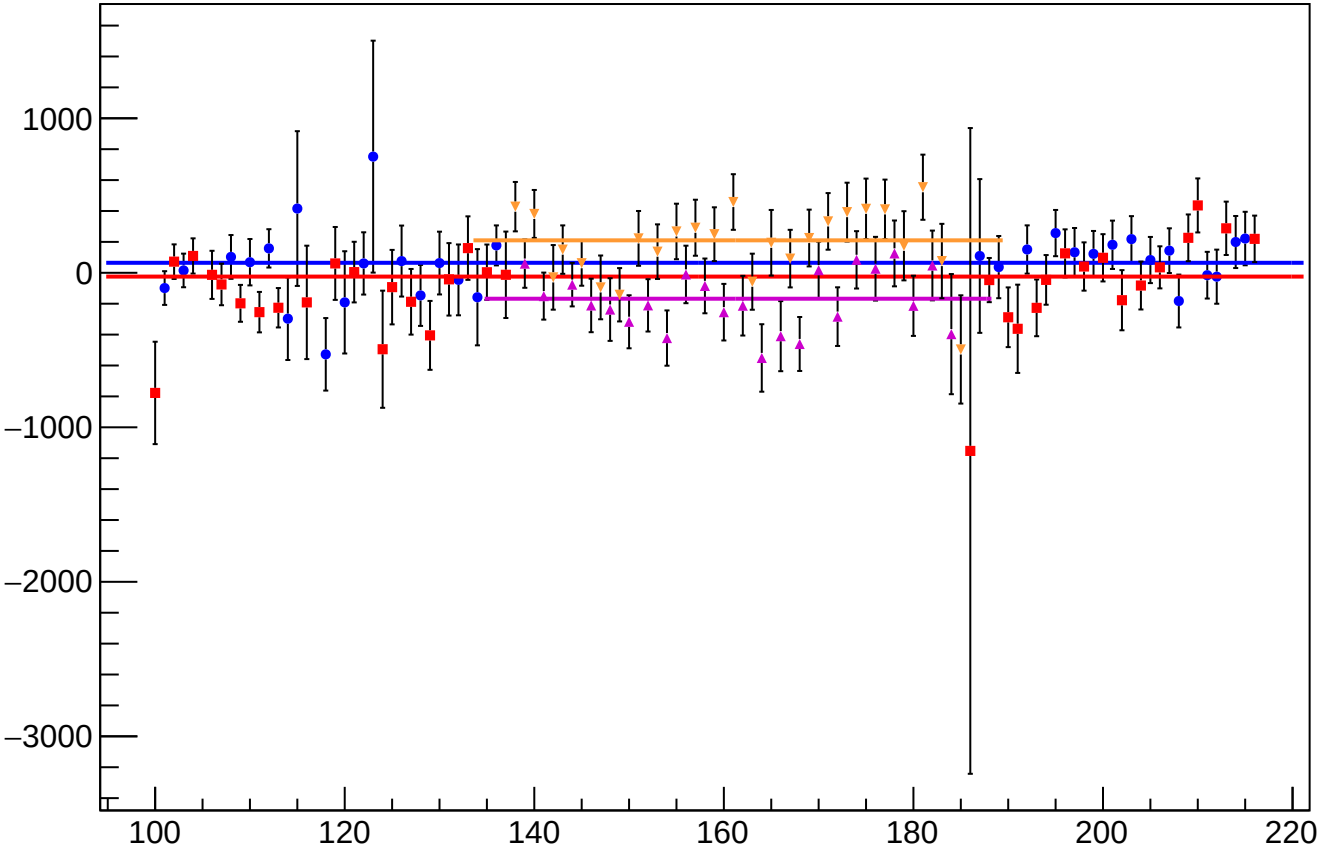
Left In: 2013.245+/-0.345 χ^2/NDF:662077.8/22

+ sign 2274.687+/-0.317 χ^2/NDF: 6836259.9/43

All: 2280.140+/-0.227 χ^2/NDF: 14329851.0/8

- sign 2285.917+/-0.326 χ^2/NDF: 7492980.1/41

reg_asym_sam5_mean vs Slug



Right In: 64.719+/-29.942 χ^2/NDF: 24.2/31

Left Out: 210.086+/-37.093 χ^2/NDF:27.5/24

Right Out: -24.539+/-28.703 χ^2/NDF: 44.5/34

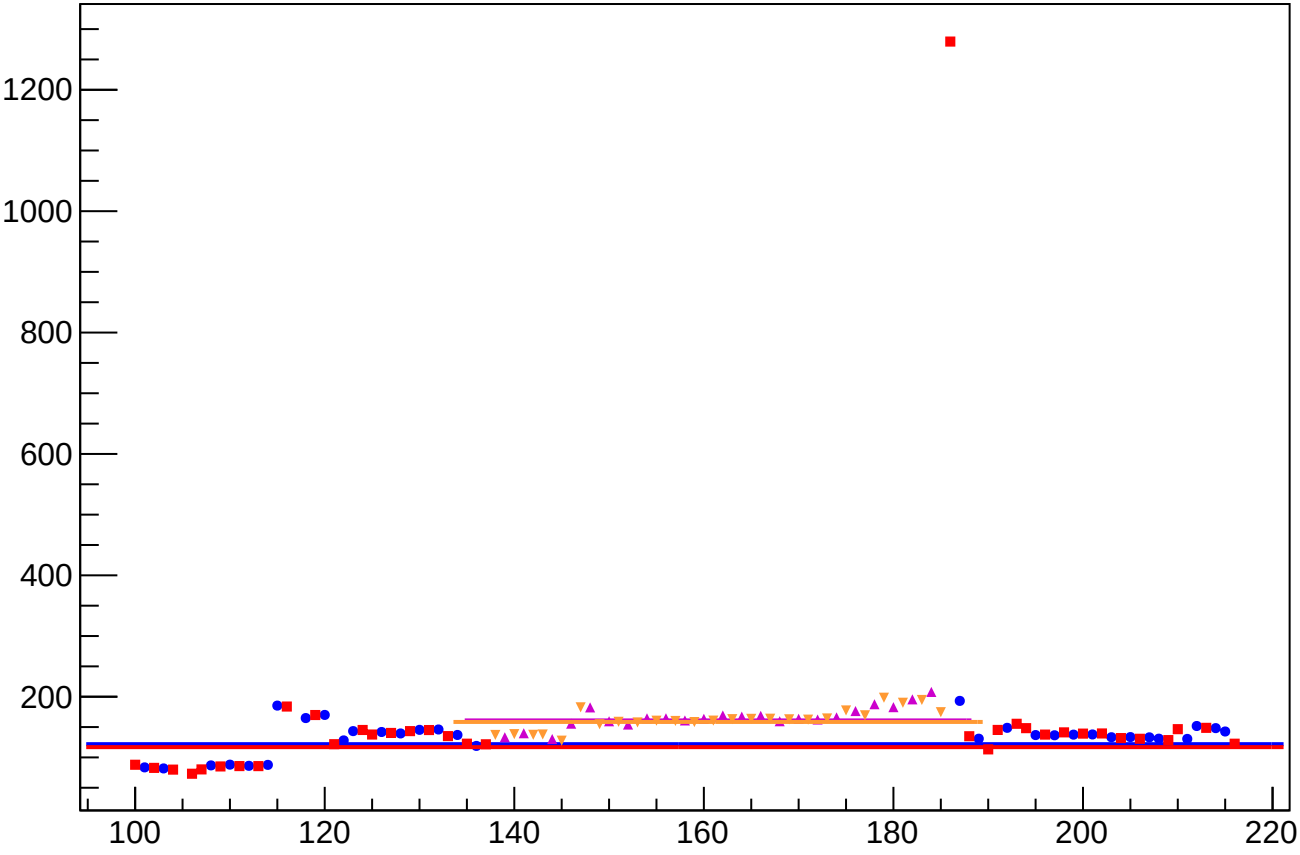
Left In: -167.822+/-38.718 χ^2/NDF:21.1/22

+ sign 122.069+/-23.299 χ^2/NDF: 61.0/56

All: 22.331+/-16.389 χ^2/NDF: 171.8/114

- sign -75.356+/-23.058 χ^2/NDF: 74.5/57

reg_asym_sam5_rms vs Slug



Right In: 121.824+/-0.021 χ^2/NDF: 1538542.9/31

Left Out: 158.440+/-0.026 χ^2/NDF:434300.9/24

Right Out: 116.919+/-0.020 χ^2/NDF: 2556811.3/34

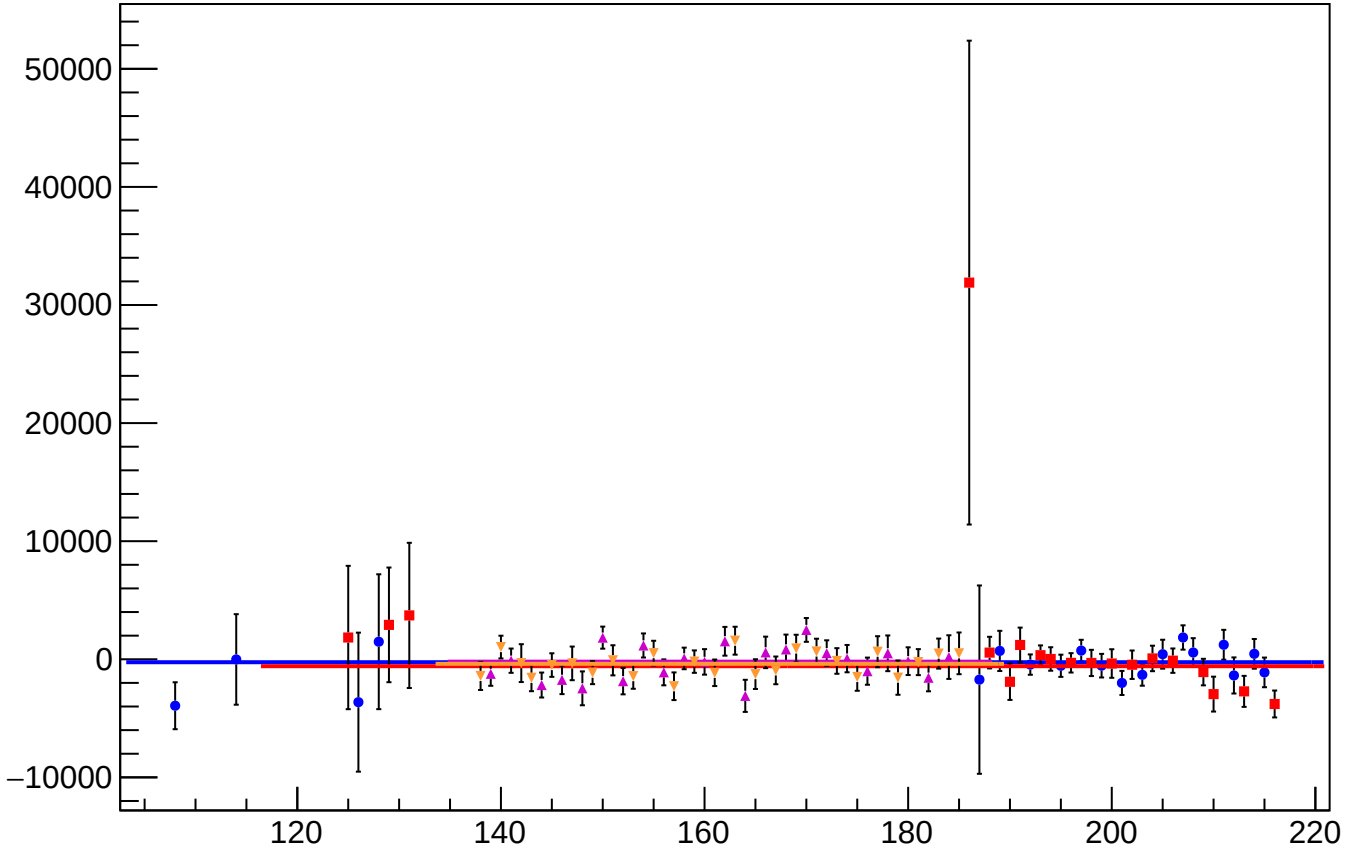
Left In: 160.947+/-0.027 χ^2/NDF:379713.4/22

+ sign 136.270+/-0.016 χ^2/NDF: 3152837.9/56

All: 134.383+/-0.012 χ^2/NDF: 7784324.3/114

- sign 132.534+/-0.016 χ^2/NDF: 4605512.0/57

asym_sam5_correction_mean vs Slug



Right In: -249.338+/-286.566 χ^2/NDF: 17.5/18

Left Out: -385.018+/-231.833 χ^2/NDF:18.1/24

Right Out: -587.006+/-287.748 χ^2/NDF: 22.4/18

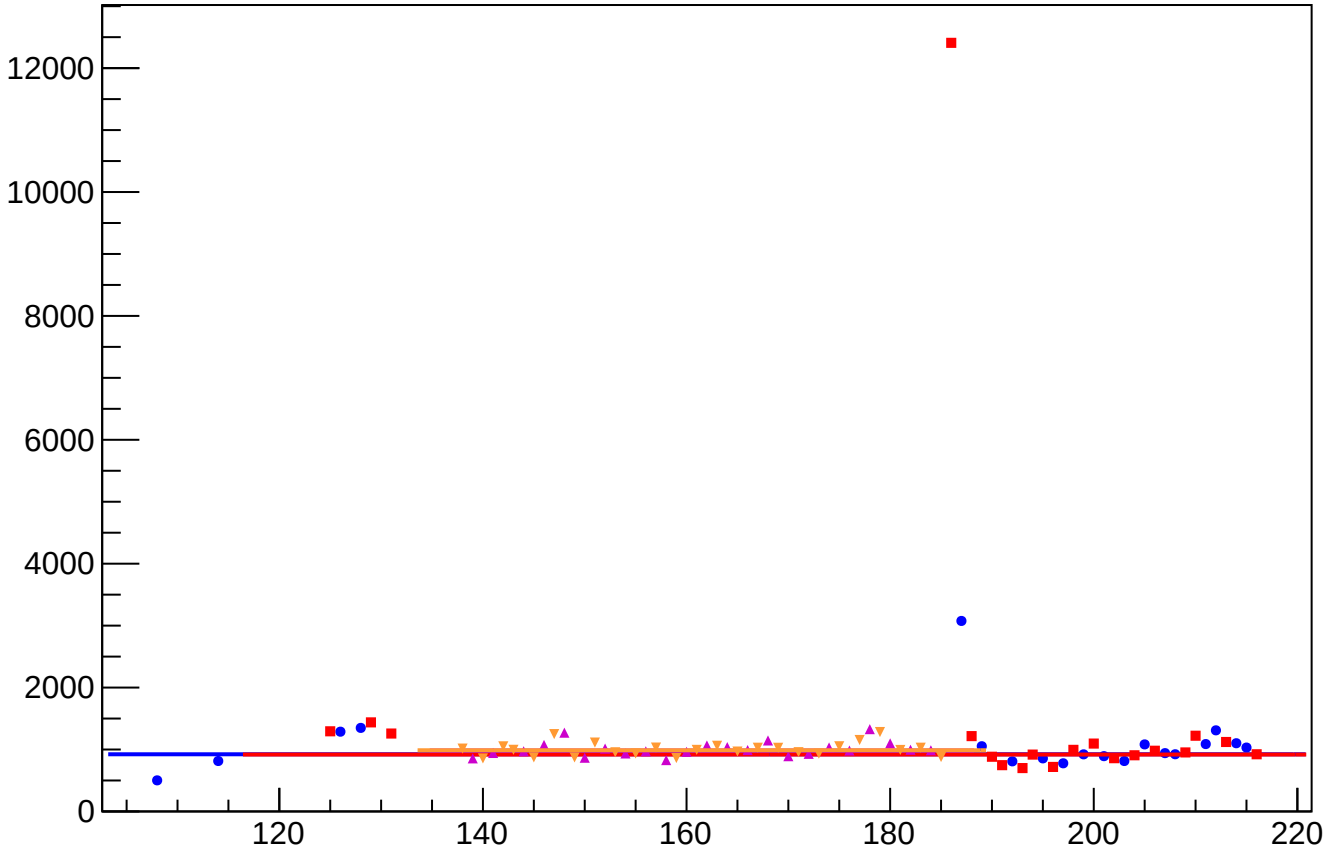
Left In: -202.234+/-237.460 χ^2/NDF:35.5/22

+ sign -331.346+/-180.237 χ^2/NDF: 35.7/43

All: -344.514+/-128.464 χ^2/NDF: 94.7/85

- sign -358.112+/-183.149 χ^2/NDF: 58.9/41

asym_sam5_correction_rms vs Slug



Right In: 923.103+/-0.203 χ^2/NDF: 644875.5/18

Left Out: 987.869+/-0.164 χ^2/NDF:376958.5/24

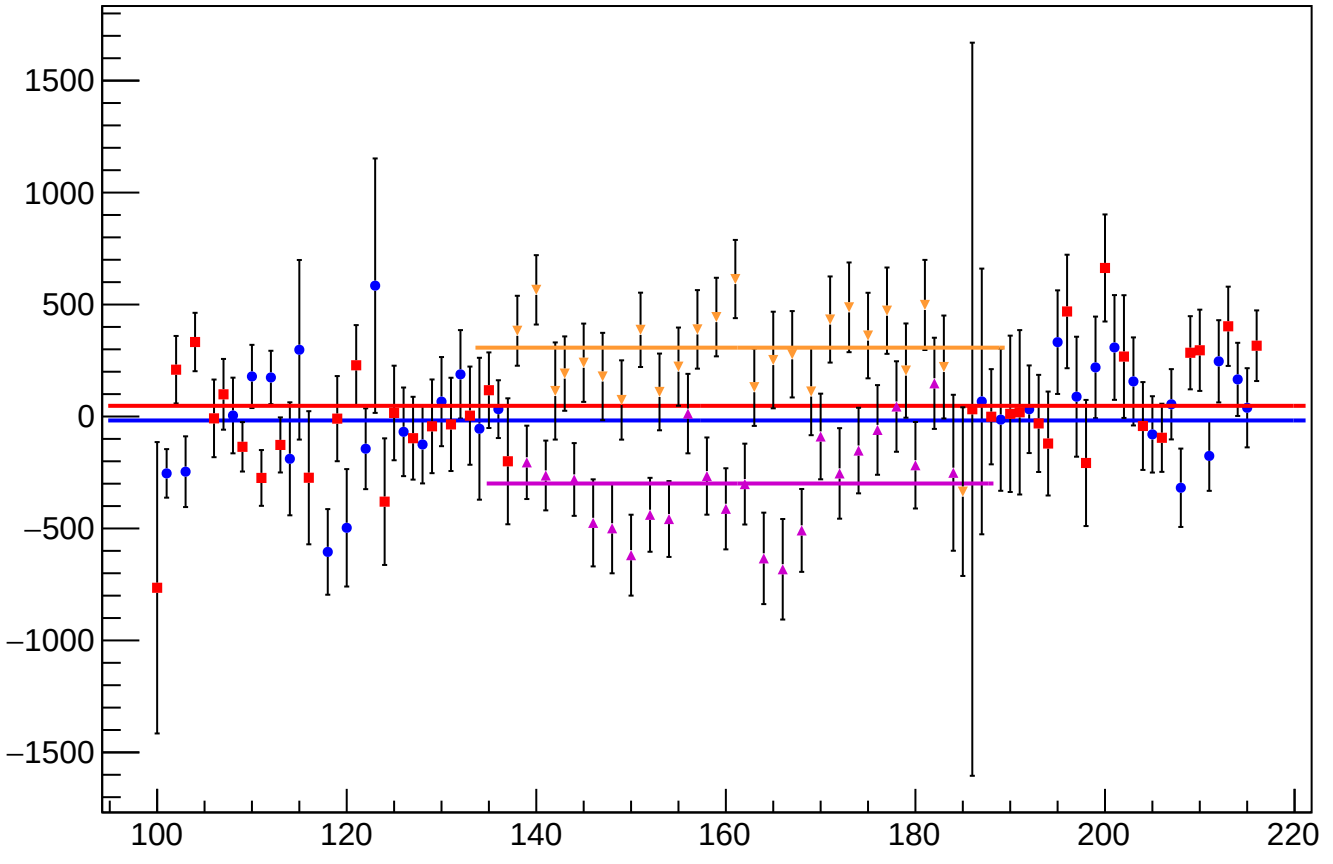
Right Out: 918.907+/-0.203 χ^2/NDF: 1248790.0/18

Left In: 983.893+/-0.168 χ^2/NDF:416265.7/22

+ sign 962.249+/-0.127 χ^2/NDF: 1083579.9/43

All: 959.945+/-0.091 χ^2/NDF: 2809982.9/85

- sign 957.566+/-0.130 χ^2/NDF: 1725738.9/41



Right In: -17.663+/-32.601 χ^2/NDF: 42.8/31

Left Out: 307.487+/-37.278 χ^2/NDF:20.7/24

Right Out: 47.710+/-31.847 χ^2/NDF: 49.3/34

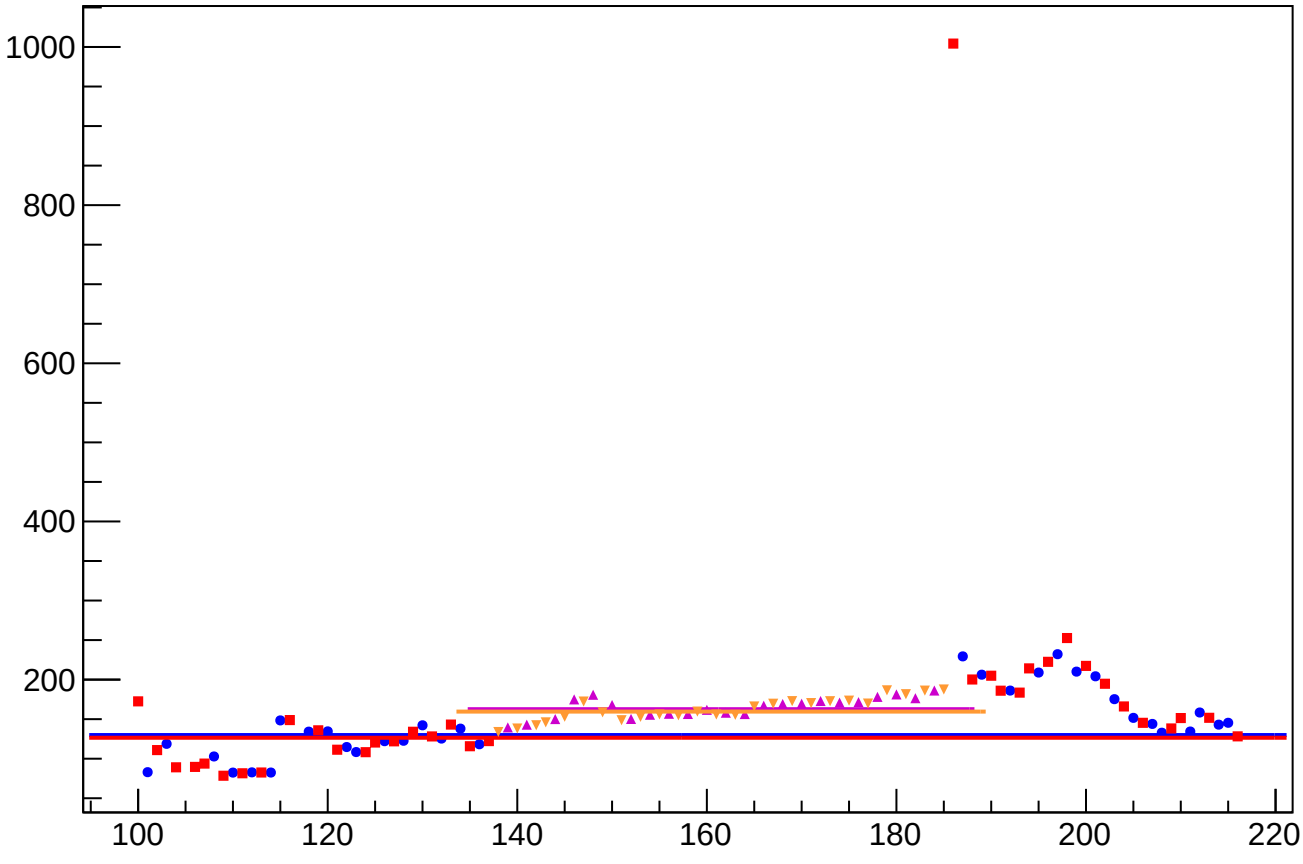
Left In: -299.192+/-39.009 χ^2/NDF:28.5/22

+ sign 123.250+/-24.540 χ^2/NDF: 106.7/56

All: 16.673+/-17.398 χ^2/NDF: 269.8/114

- sign -91.030+/-24.670 χ^2/NDF: 125.2/57

reg_asym_sam6_rms vs Slug



Right In: 129.909+/-0.023 χ^2/NDF: 2649349.6/31

Left Out: 159.568+/-0.026 χ^2/NDF:287744.2/24

Right Out: 126.494+/-0.023 χ^2/NDF: 4025511.1/34

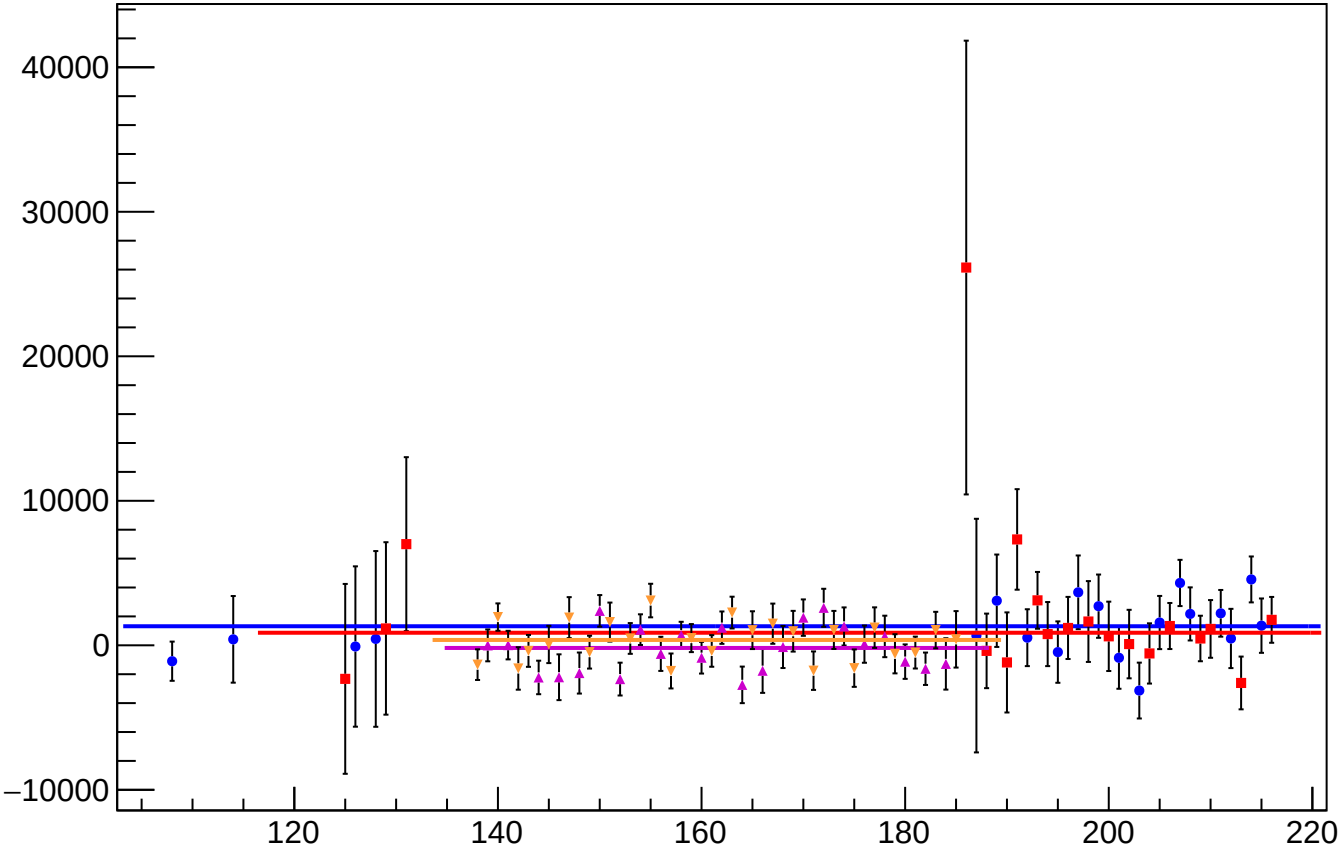
Left In: 162.606+/-0.028 χ^2/NDF:199542.3/22

+ sign 142.763+/-0.017 χ^2/NDF: 3654458.5/56

All: 141.855+/-0.012 χ^2/NDF: 8913558.7/114

- sign 140.937+/-0.017 χ^2/NDF: 5253589.9/57

asym_sam6_correction_mean vs Slug



Right In: 1318.670+/-474.738 χ^2/NDF: 20.5/18

Left Out: 370.001+/-243.521 χ^2/NDF:30.5/24

Right Out: 869.889+/-532.032 χ^2/NDF: 14.0/18

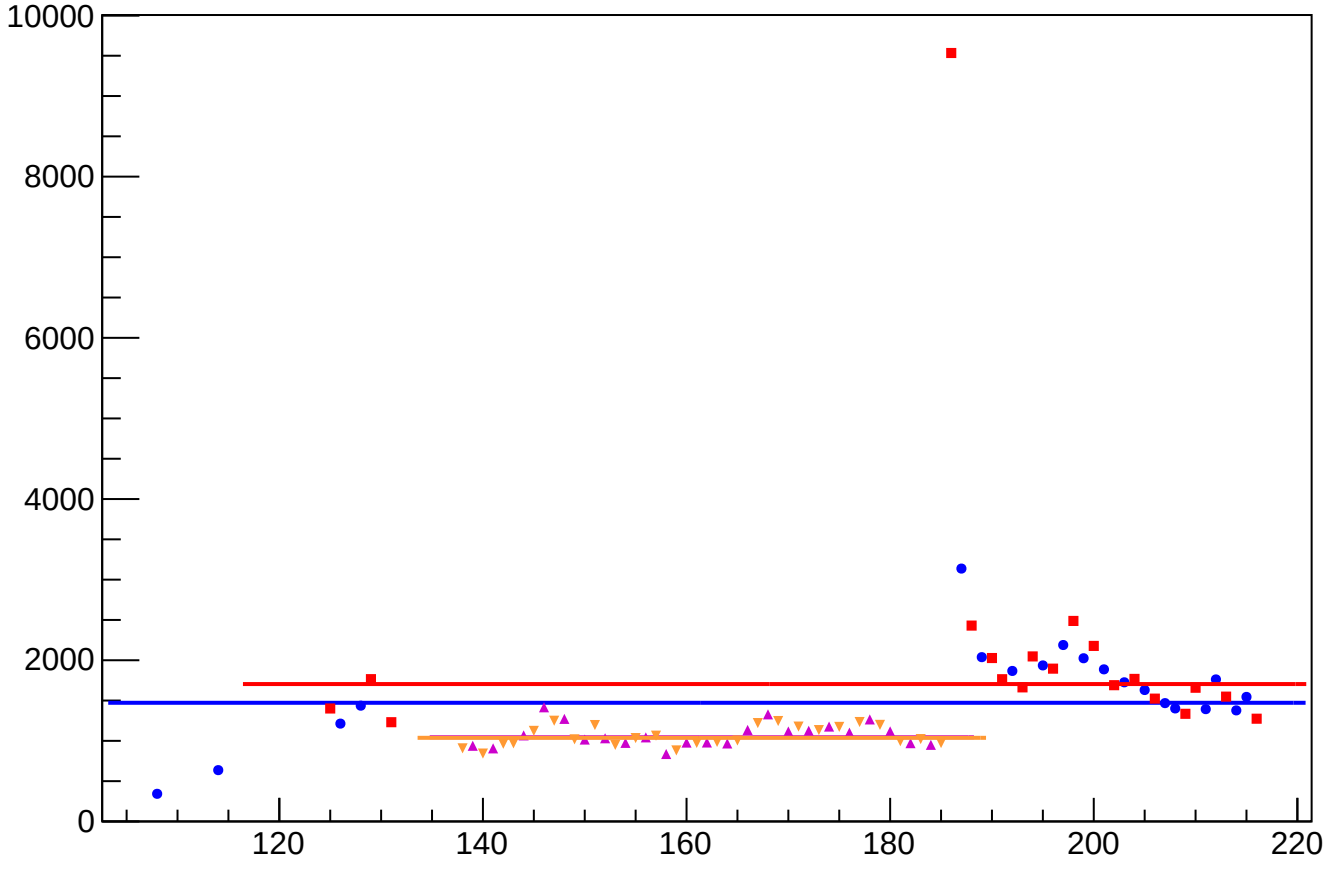
Left In: -183.107+/-252.258 χ^2/NDF:36.5/22

+ sign 567.621+/-216.677 χ^2/NDF: 54.1/43

All: 303.000+/-157.043 χ^2/NDF: 111.0/85

- sign 10.167+/-227.935 χ^2/NDF: 53.7/41

asym_sam6_correction_rms vs Slug



Right In: 1472.279+/-0.336 χ^2/NDF: 2336553.0/18

Left Out: 1037.689+/-0.172 χ^2/NDF:494981.4/24

Right Out: 1704.655+/-0.376 χ^2/NDF: 1289360.4/18

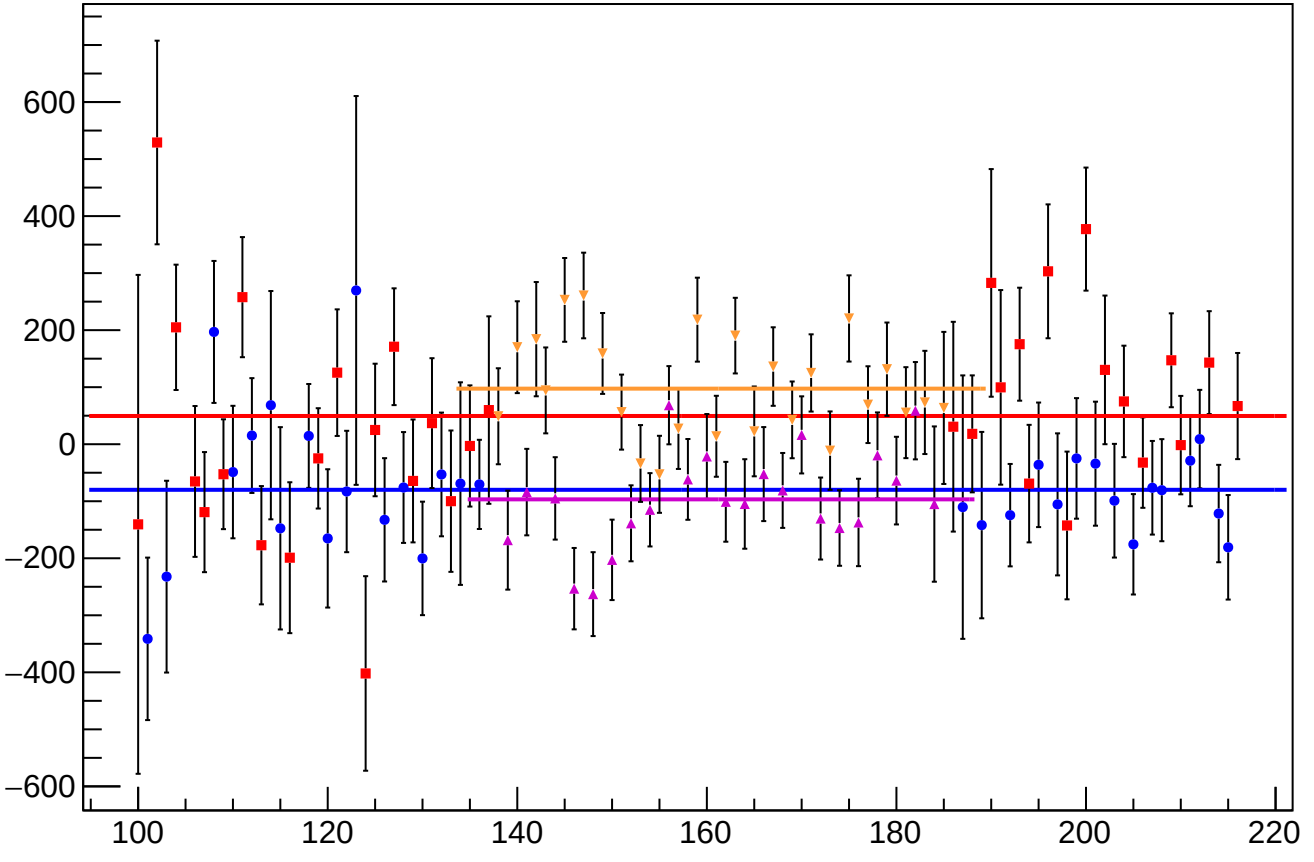
Left In: 1044.746+/-0.178 χ^2/NDF:543315.5/22

+ sign 1128.220+/-0.153 χ^2/NDF: 4158423.6/43

All: 1146.092+/-0.111 χ^2/NDF: 8531965.2/85

- sign 1165.870+/-0.161 χ^2/NDF: 4344877.0/41

reg_asym_sam7_mean vs Slug



Right In: -79.950+/-18.933 χ^2/NDF: 20.4/31

Left Out: 97.445+/-14.880 χ^2/NDF:36.0/24

Right Out: 49.501+/-18.817 χ^2/NDF: 63.5/34

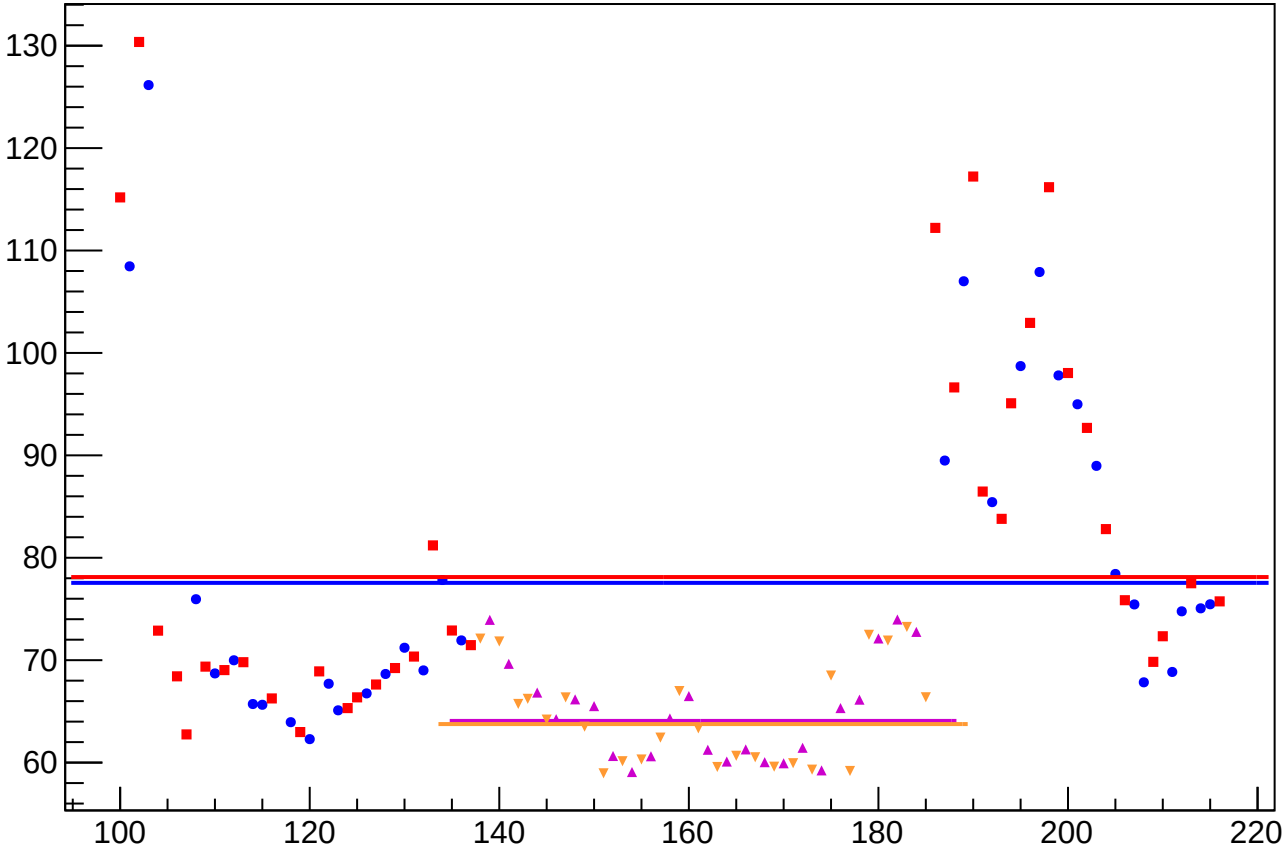
Left In: -96.704+/-15.369 χ^2/NDF:29.2/22

+ sign 29.711+/-11.699 χ^2/NDF: 110.7/56

All: -3.656+/-8.344 χ^2/NDF: 256.2/114

- sign -38.199+/-11.904 χ^2/NDF: 128.9/57

reg_asym_sam7_rms vs Slug



Right In: 77.549+/-0.013 χ^2/NDF: 948524.0/31

Left Out: 63.761+/-0.011 χ^2/NDF:192803.8/24

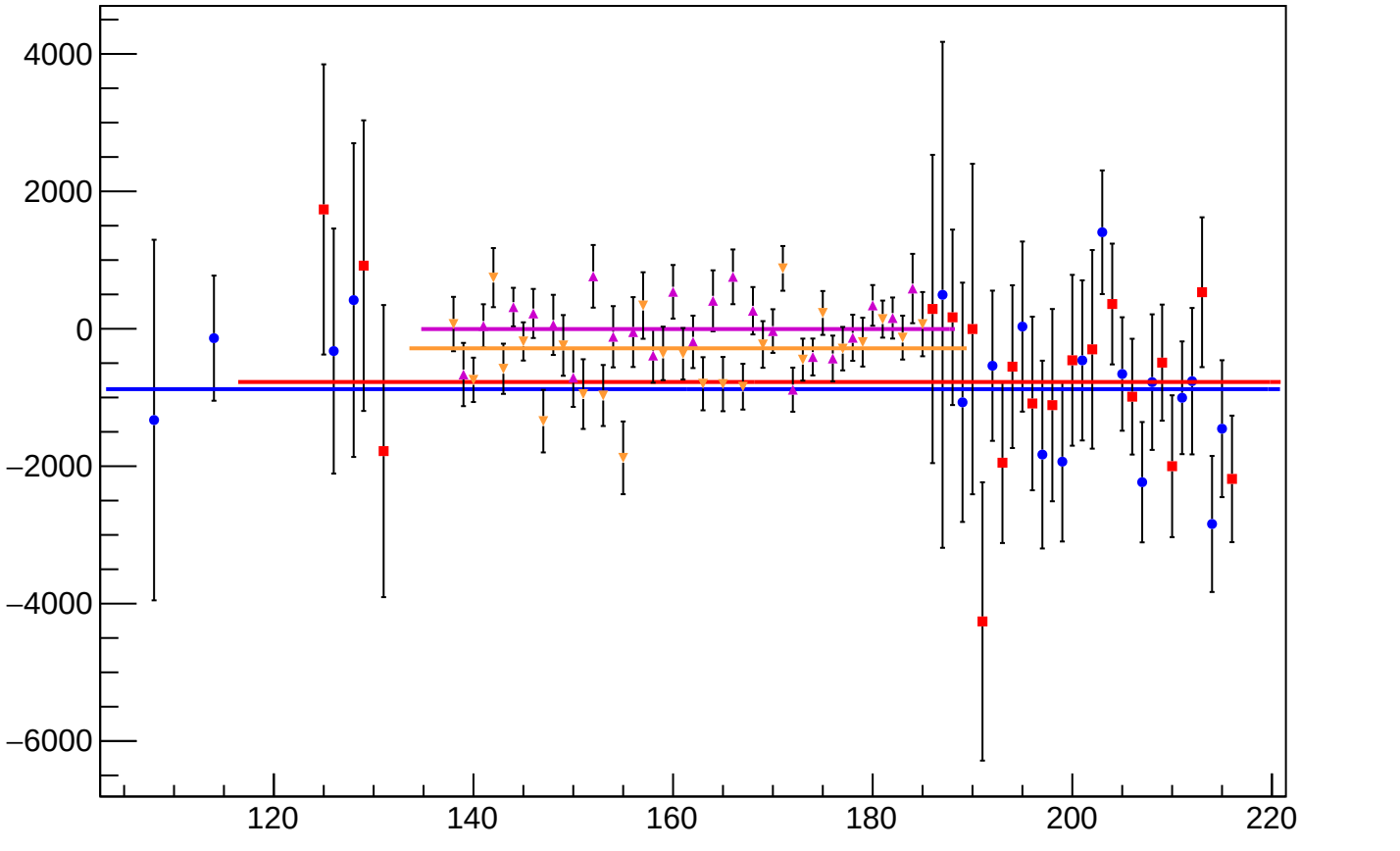
Right Out: 78.116+/-0.013 χ^2/NDF: 1130115.7/34

Left In: 64.069+/-0.011 χ^2/NDF:164660.4/22

+ sign 69.026+/-0.008 χ^2/NDF: 1797024.5/56

All: 69.352+/-0.006 χ^2/NDF: 3763517.8/114

- sign 69.690+/-0.008 χ^2/NDF: 1963328.4/57



Right In: -878.290+/-256.561 χ^2/NDF: 16.6/18

Left Out: -284.304+/-72.732 χ^2/NDF:55.1/24

Right Out: -774.275+/-280.943 χ^2/NDF: 14.5/18

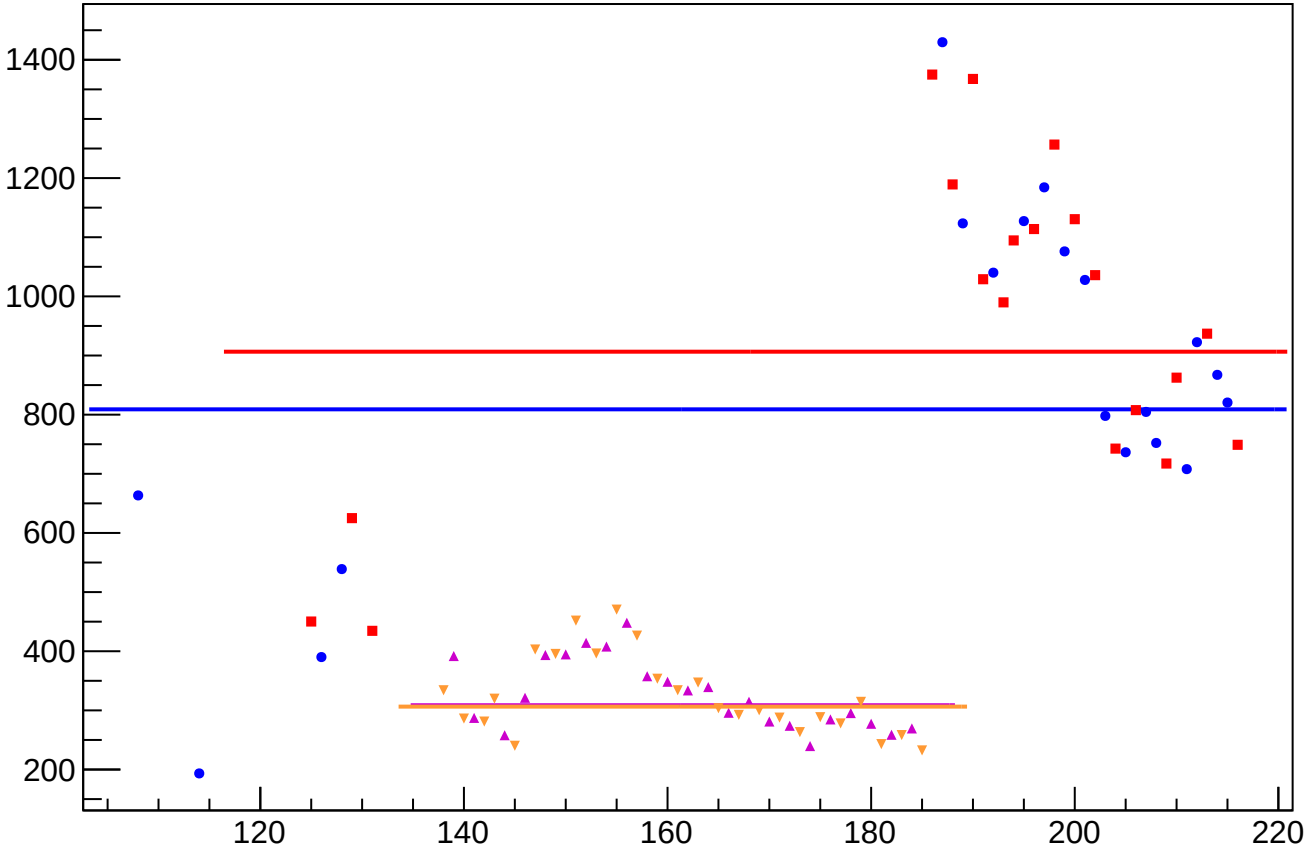
Left In: -4.037+/-75.084 χ^2/NDF:32.4/22

\+ sign -328.489+/-69.975 χ^2/NDF: 76.6/43

All: -196.848+/-50.362 χ^2/NDF: 137.8/85

\- sign -55.385+/-72.538 χ^2/NDF: 53.9/41

asym_sam7_correction_rms vs Slug



Right In: 809.007+/-0.181 χ^2/NDF: 1812151.7/18

Left Out: 306.363+/-0.051 χ^2/NDF:1215669.9/24

Right Out: 906.474+/-0.199 χ^2/NDF: 1075334.3/18

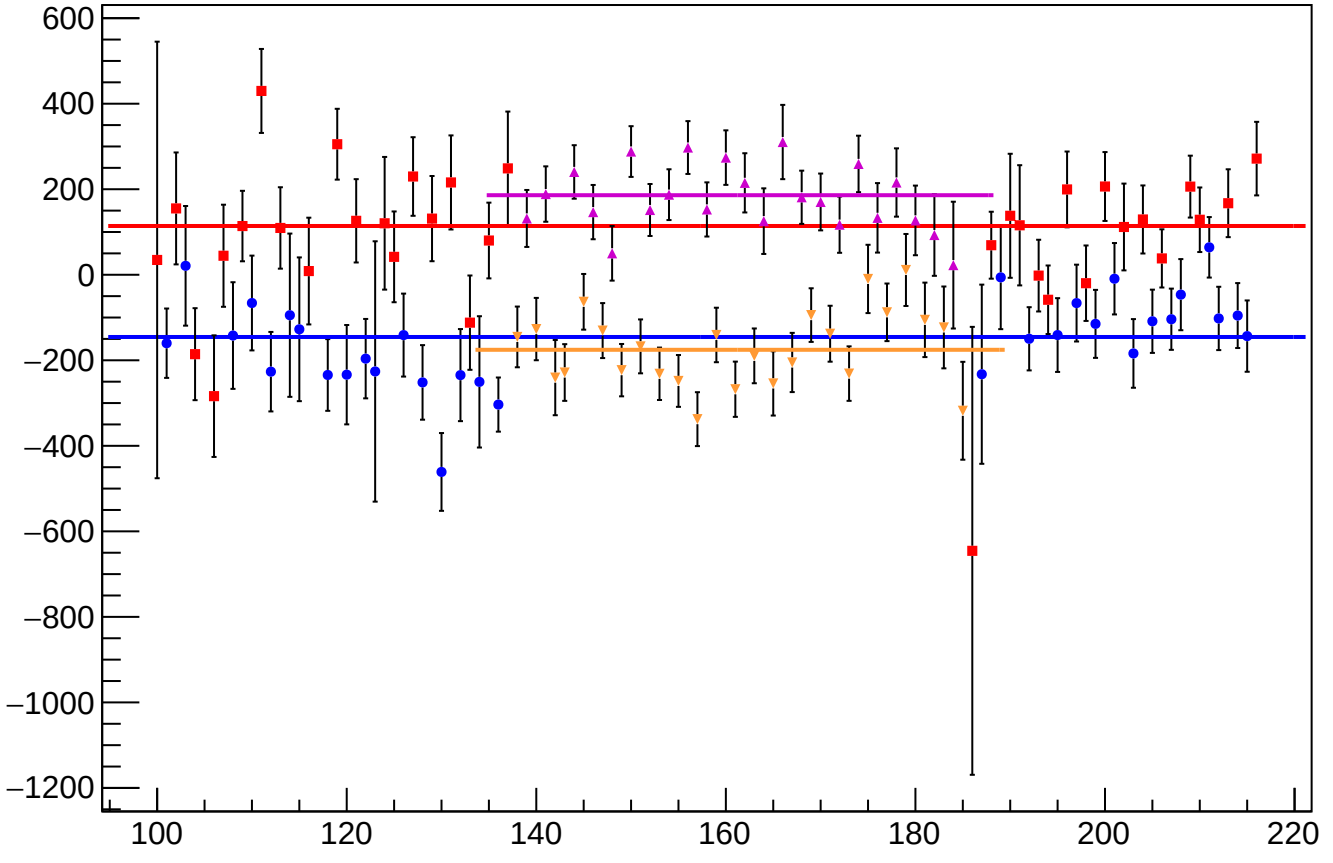
Left In: 308.727+/-0.053 χ^2/NDF:1002947.4/22

+ sign 343.754+/-0.049 χ^2/NDF: 10133406.7/43

All: 346.078+/-0.036 χ^2/NDF: 20666470.2/85

- sign 348.576+/-0.051 χ^2/NDF: 10528485.7/41

reg_asym_sam8_mean vs Slug



Right In: -145.499+/-16.182 χ^2/NDF: 42.7/31

Left Out: -175.471+/-13.846 χ^2/NDF:34.6/24

Right Out: 114.059+/-16.334 χ^2/NDF: 61.1/34

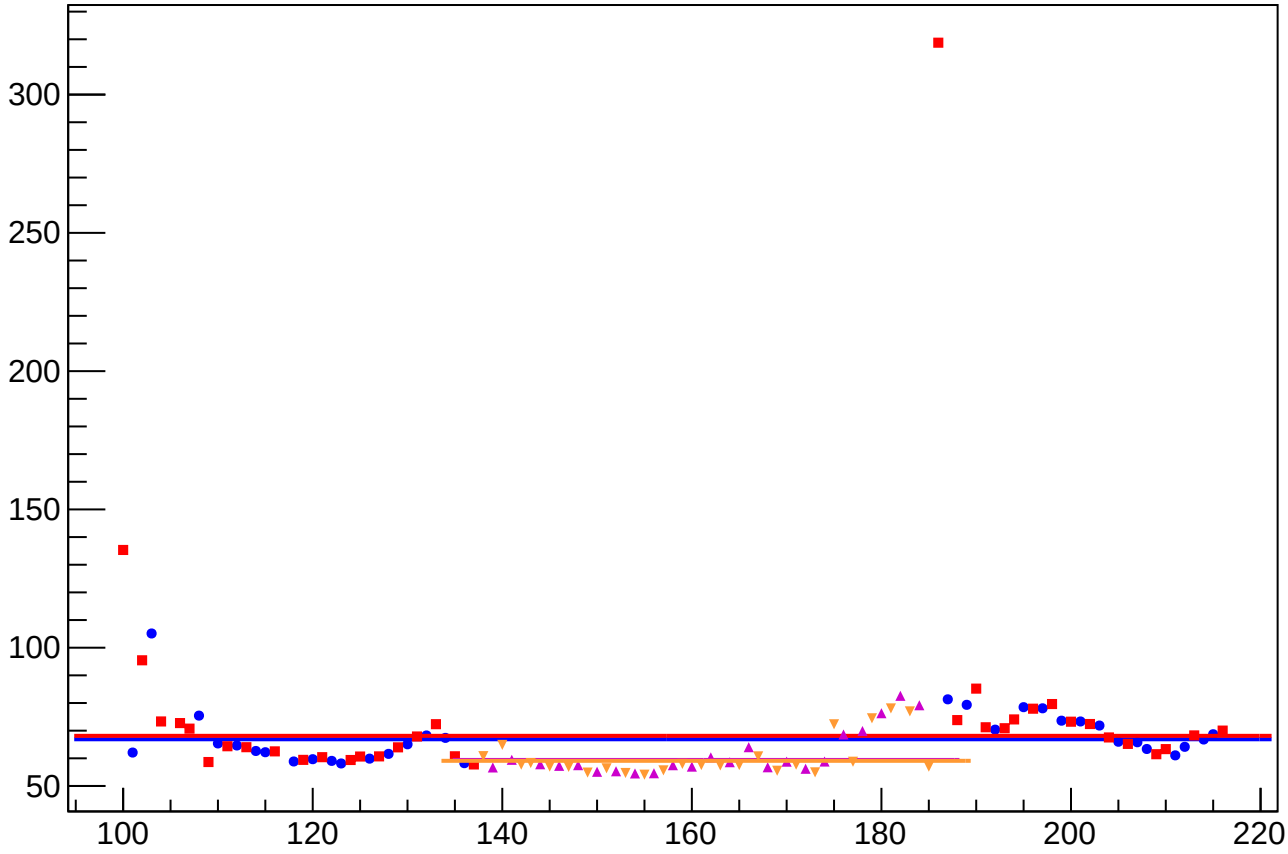
Left In: 186.047+/-14.315 χ^2/NDF:23.6/22

+ sign -162.802+/-10.520 χ^2/NDF: 79.3/56

All: -7.677+/-7.524 χ^2/NDF: 620.0/114

- sign 154.773+/-10.766 χ^2/NDF: 95.6/57

reg_asym_sam8_rms vs Slug



Right In: 66.885+/-0.011 χ^2/NDF: 425806.8/31

Left Out: 59.099+/-0.010 χ^2/NDF:369788.6/24

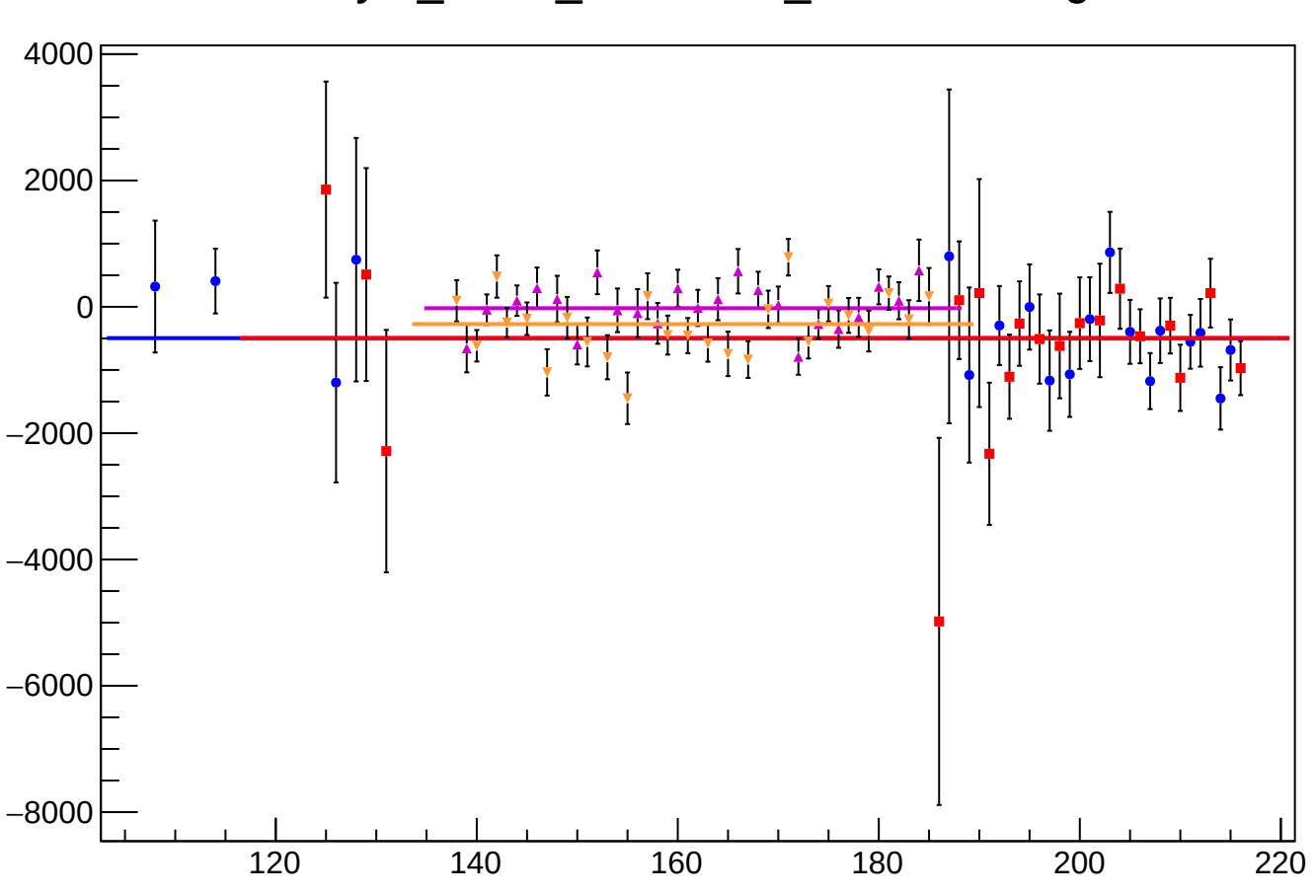
Right Out: 68.133+/-0.012 χ^2/NDF: 873394.6/34

Left In: 59.410+/-0.010 χ^2/NDF:373052.7/22

+ sign 62.390+/-0.007 χ^2/NDF: 1062891.3/56

All: 62.786+/-0.005 χ^2/NDF: 2637734.2/114

- sign 63.200+/-0.008 χ^2/NDF: 1569054.8/57



Right In: -495.947+/-142.165 χ^2/NDF: 17.9/18

Left Out: -274.091+/-60.799 χ^2/NDF:53.9/24

Right Out: -496.246+/-158.157 χ^2/NDF: 16.0/18

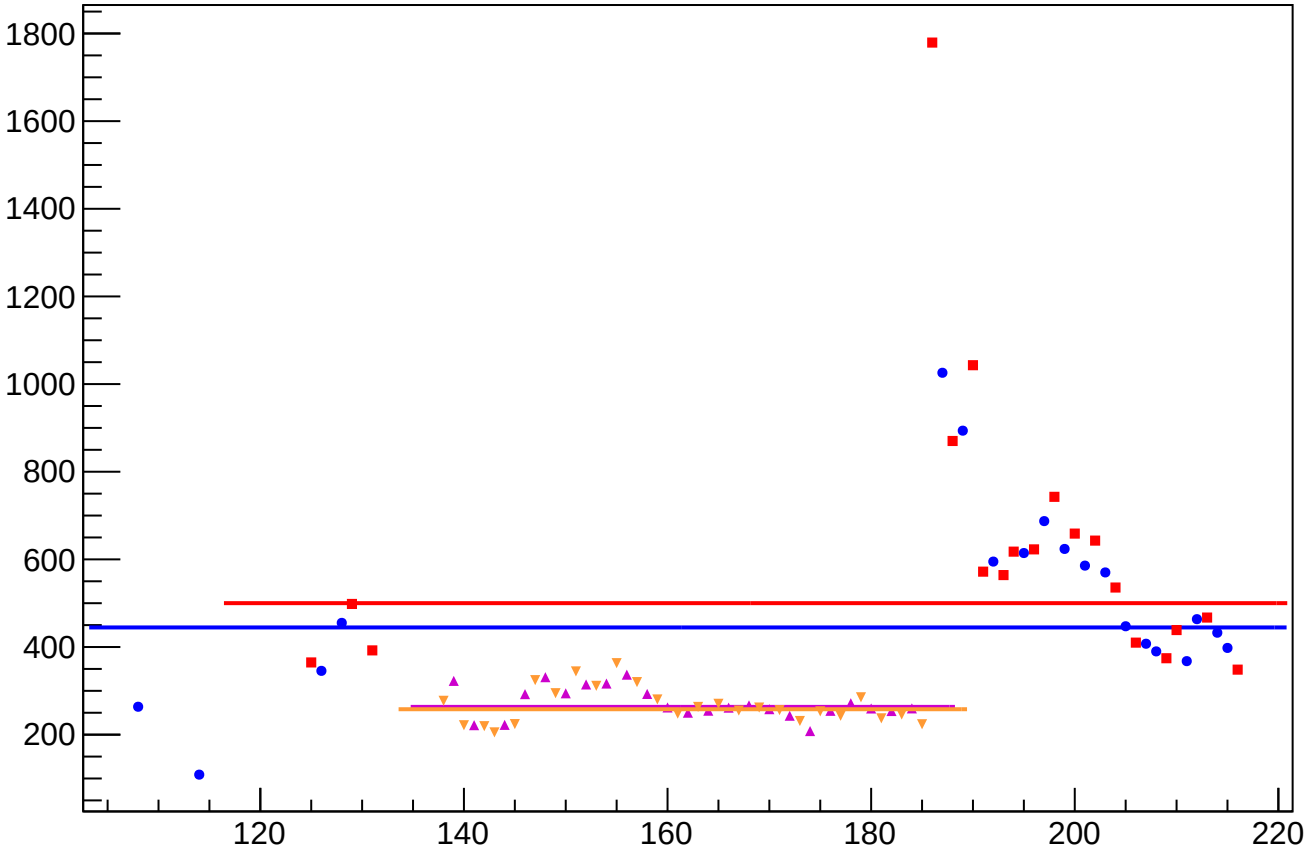
Left In: -22.631+/-63.643 χ^2/NDF:28.9/22

+ sign -308.394+/-55.902 χ^2/NDF: 73.8/43

All: -204.514+/-40.593 χ^2/NDF: 133.8/85

- sign -88.635+/-59.042 χ^2/NDF: 52.6/41

asym_sam8_correction_rms vs Slug



Right In: 444.675+/-0.101 χ^2/NDF: 2095337.9/18

Left Out: 258.040+/-0.043 χ^2/NDF:724823.3/24

Right Out: 500.103+/-0.112 χ^2/NDF: 1912239.5/18

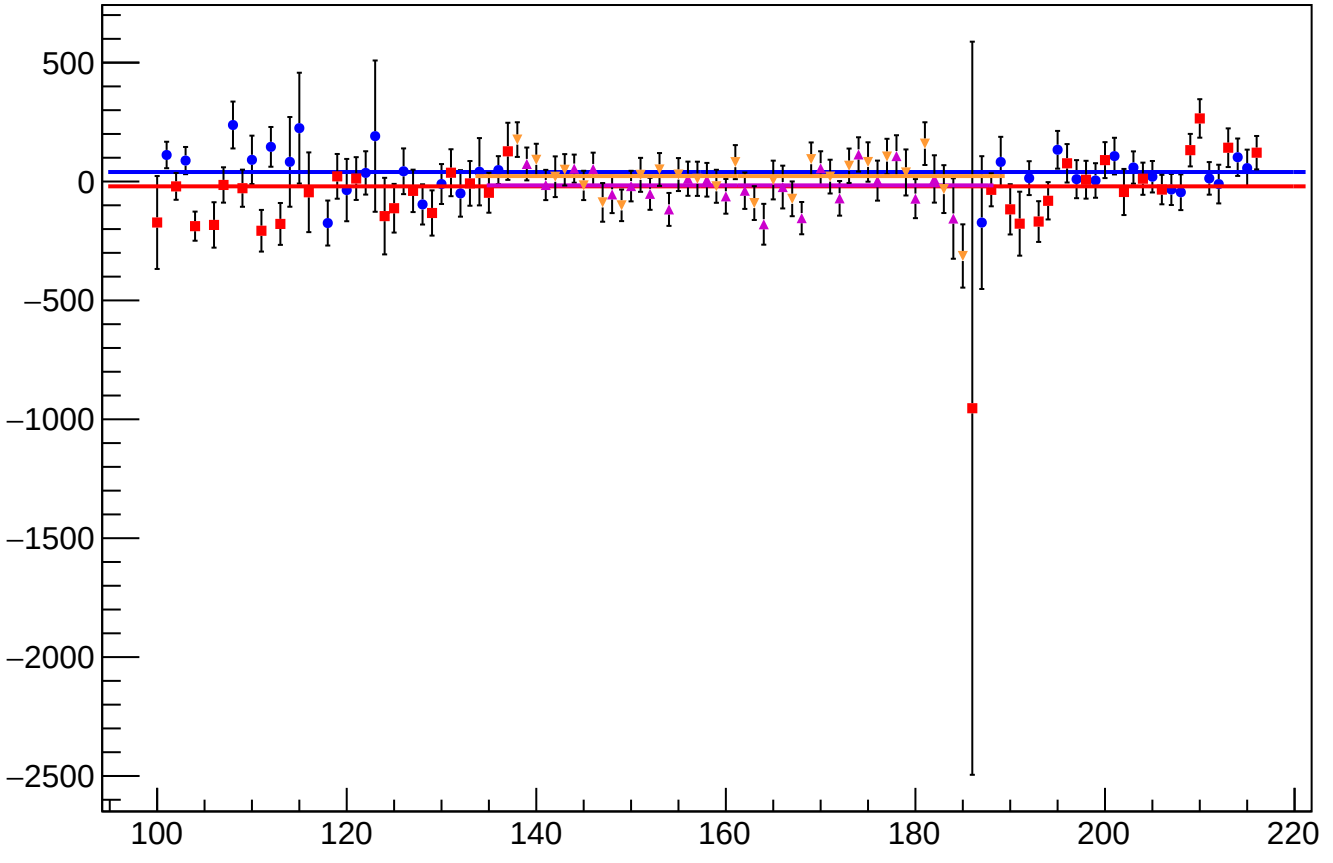
Left In: 263.397+/-0.045 χ^2/NDF:585600.2/22

+ sign 286.898+/-0.040 χ^2/NDF: 5734126.2/43

All: 291.382+/-0.029 χ^2/NDF: 12114825.1/85

- sign 296.385+/-0.042 χ^2/NDF: 6353469.6/41

reg_asym_sam_15_avg_mean vs Slug



Right In: 39.977+/-14.626 χ^2/NDF: 25.8/31

Left Out: 22.871+/-14.968 χ^2/NDF:29.0/24

Right Out: -20.319+/-14.380 χ^2/NDF: 59.6/34

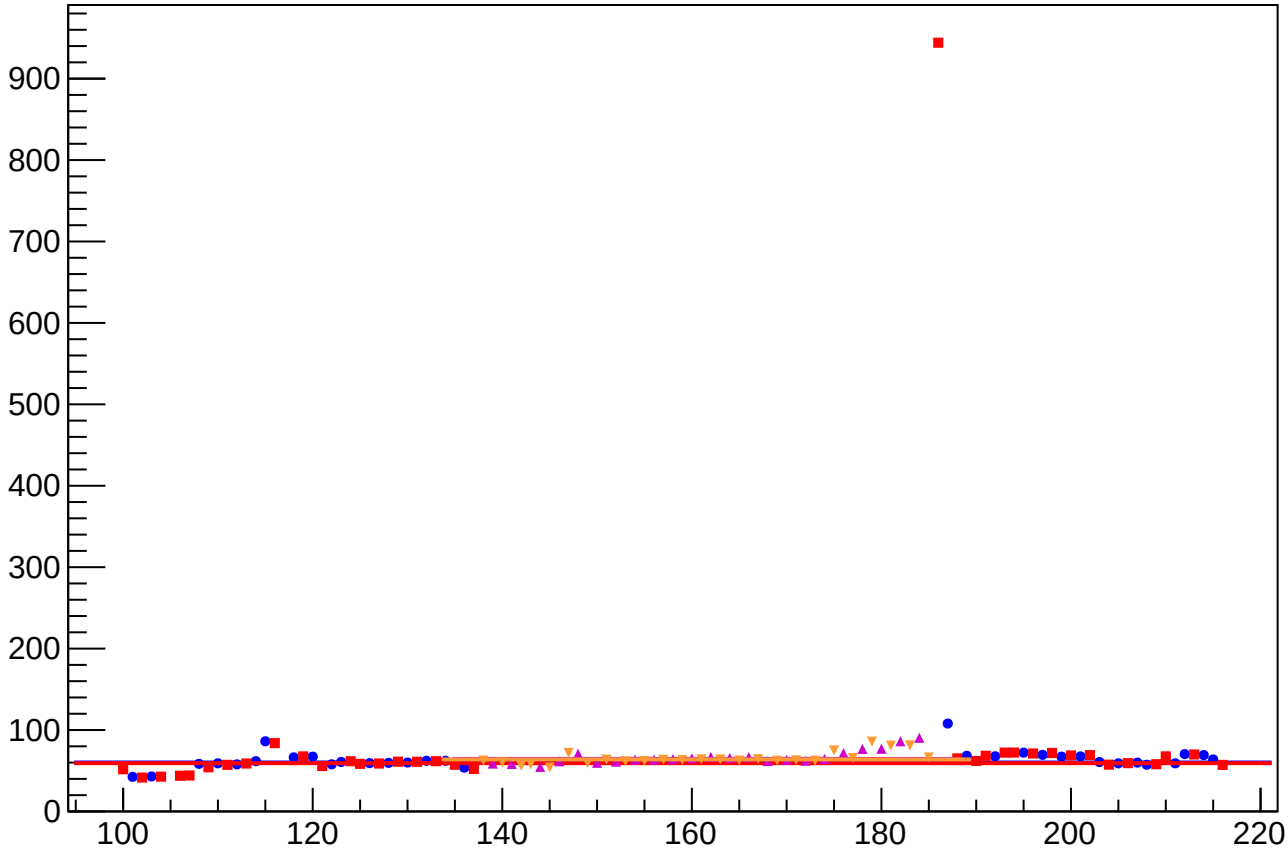
Left In: -16.198+/-15.531 χ^2/NDF:23.3/22

+ sign 31.621+/-10.461 χ^2/NDF: 55.4/56

All: 6.818+/-7.429 χ^2/NDF: 149.7/114

- sign -18.417+/-10.552 χ^2/NDF: 83.0/57

reg_asym_sam_15_avg_rms vs Slug



Right In: 60.100+/-0.010 χ^2/NDF: 722787.3/31

Left Out: 63.920+/-0.011 χ^2/NDF:395410.4/24

Right Out: 59.301+/-0.010 χ^2/NDF: 1554800.8/34

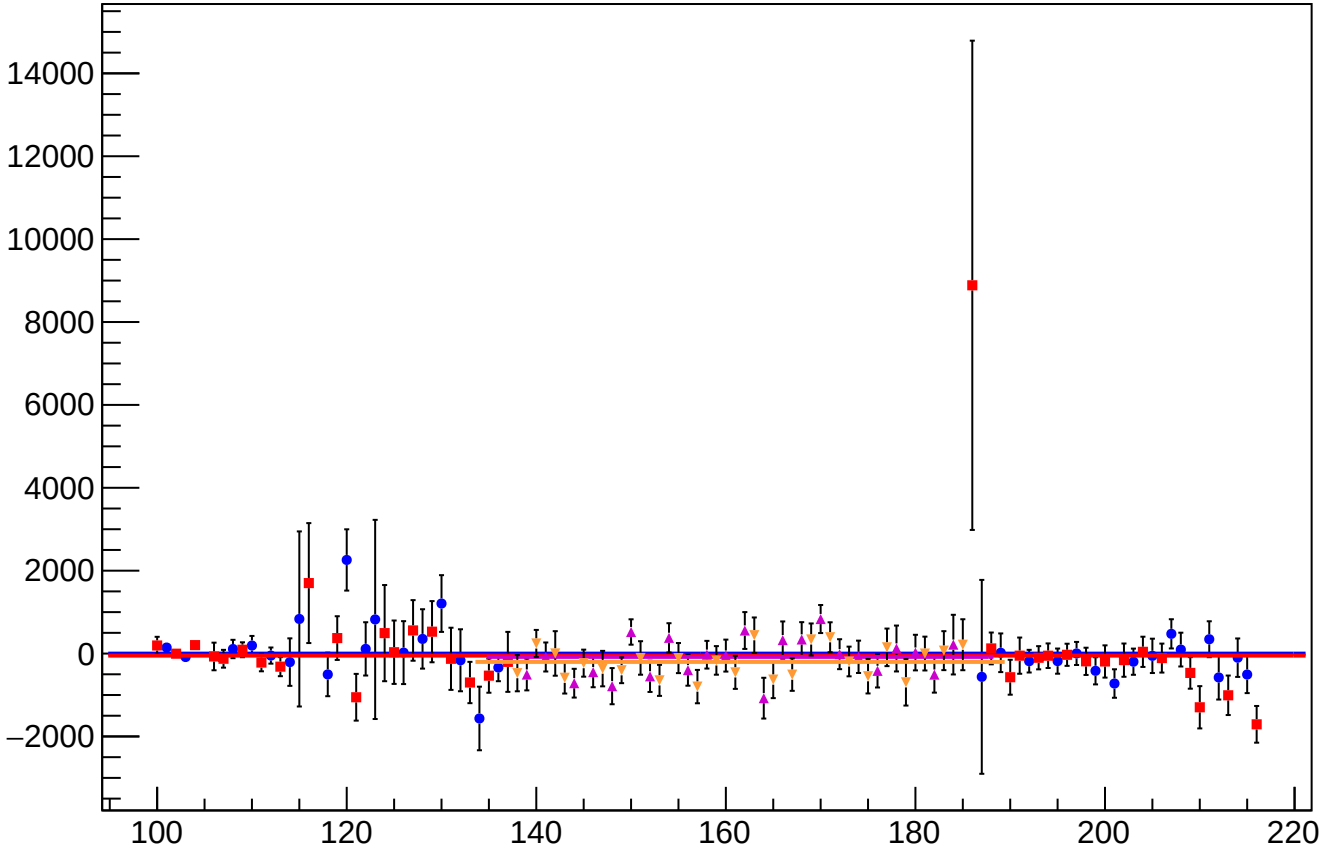
Left In: 64.511+/-0.011 χ^2/NDF:370515.2/22

+ sign 61.966+/-0.007 χ^2/NDF: 1184838.3/56

All: 61.837+/-0.005 χ^2/NDF: 3231914.2/114

- sign 61.706+/-0.007 χ^2/NDF: 2046465.1/57

asym_sam_15_avg_correction_mean vs Slug



Right In: -1.603+/-45.447 χ^2/NDF: 36.7/31

Left Out: -201.082+/-79.549 χ^2/NDF:19.7/24

Right Out: -49.435+/-46.323 χ^2/NDF: 50.3/34

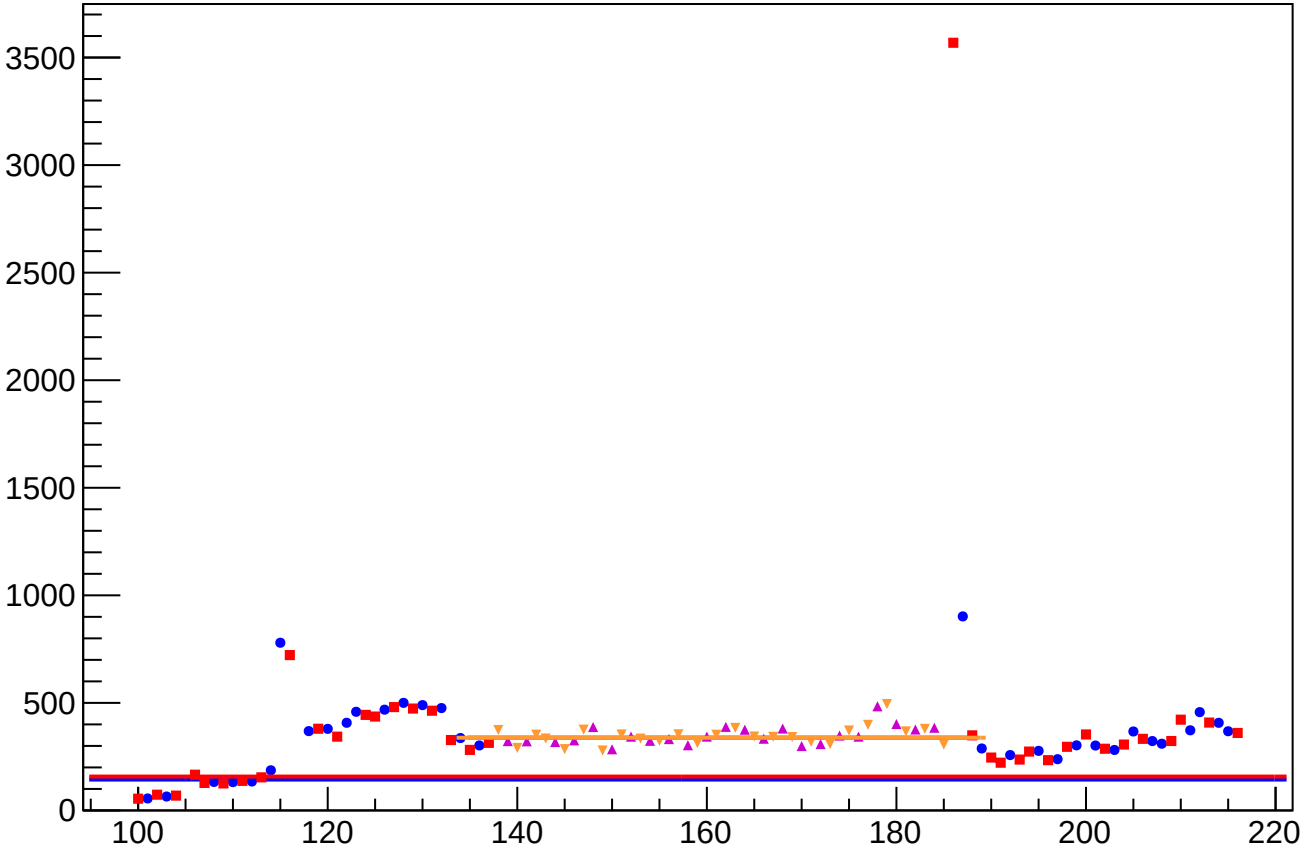
Left In: -79.985+/-81.781 χ^2/NDF:33.4/22

+ sign -50.690+/-39.461 χ^2/NDF: 61.1/56

All: -53.707+/-28.197 χ^2/NDF: 145.0/114

- sign -56.856+/-40.306 χ^2/NDF: 83.8/57

asym_sam_15_avg_correction_rms vs Slug



Right In: 143.673+/-0.032 χ^2/NDF: 13911617.6/31

Left Out: 338.130+/-0.056 χ^2/NDF:498601.7/24

Right Out: 157.550+/-0.033 χ^2/NDF: 12163112.9/34

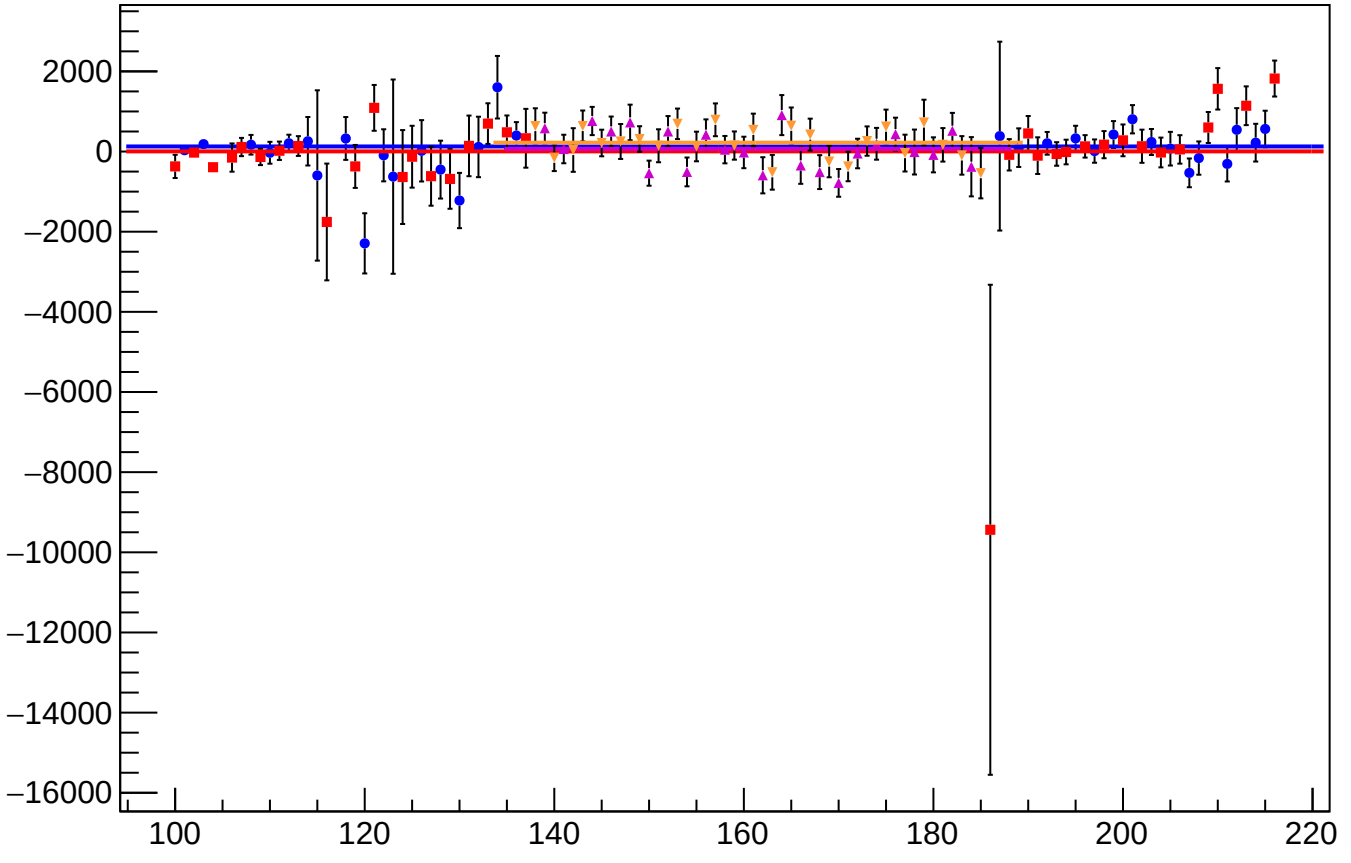
Left In: 338.564+/-0.058 χ^2/NDF:437243.0/22

+ sign 191.524+/-0.028 χ^2/NDF: 23420538.9/56

All: 196.415+/-0.020 χ^2/NDF: 43501909.2/11

- sign 201.519+/-0.029 χ^2/NDF: 20018568.4/57

asym_sam_15_avg_mean vs Slug



Right In: 126.861+/-53.228 χ^2/NDF: 32.8/31

Left Out: 221.083+/-81.018 χ^2/NDF:19.7/24

Right Out: 4.004+/-51.493 χ^2/NDF: 62.6/34

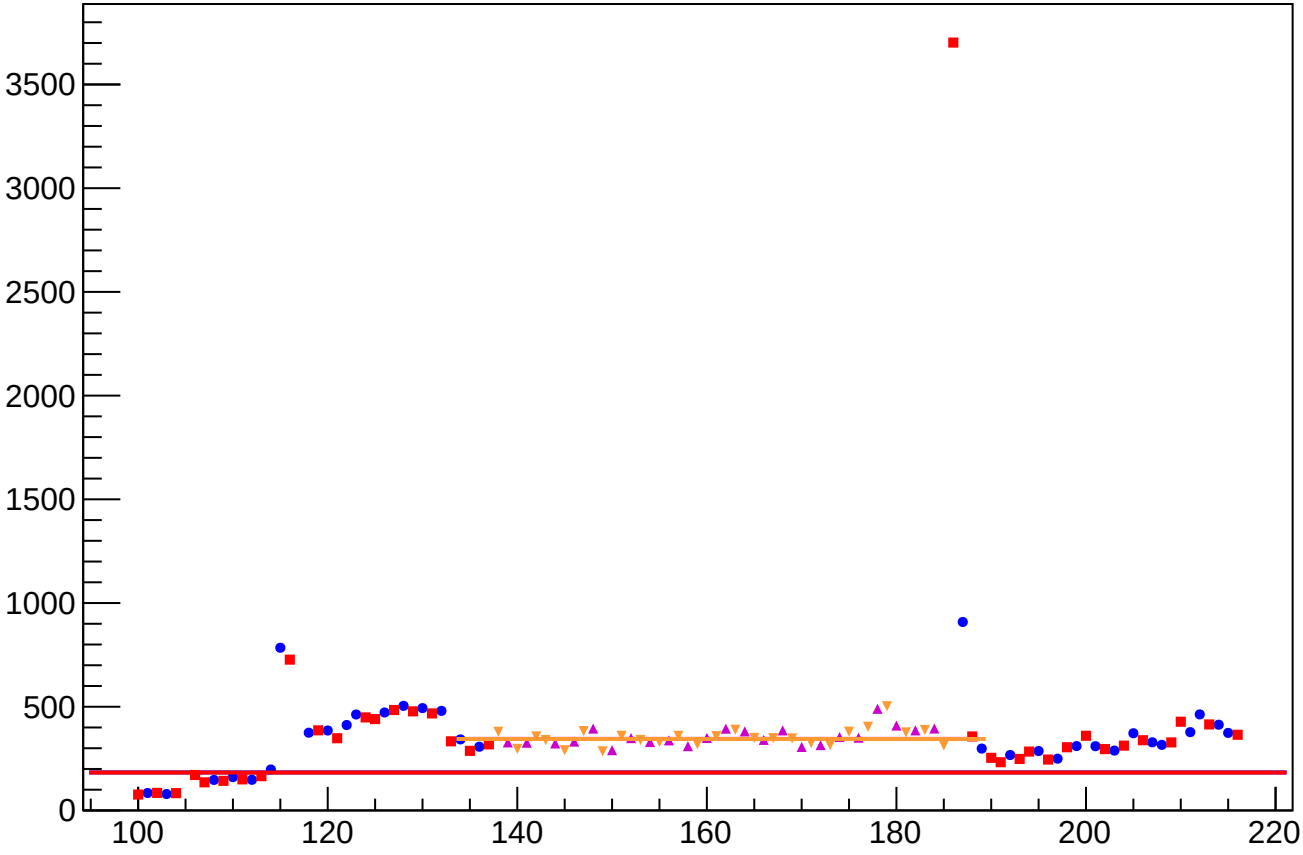
Left In: 65.510+/-83.319 χ^2/NDF:34.0/22

+ sign 155.268+/-44.486 χ^2/NDF: 53.5/56

All: 87.096+/-31.212 χ^2/NDF: 155.0/114

- sign 21.003+/-43.803 χ^2/NDF: 96.9/57

asym_sam_15_avg_rms vs Slug



Right In: 183.397+/-0.038 χ^2/NDF: 10462289.0/31

Left Out: 344.506+/-0.057 χ^2/NDF:488323.4/24

Right Out: 182.694+/-0.036 χ^2/NDF: 10172091.0/34

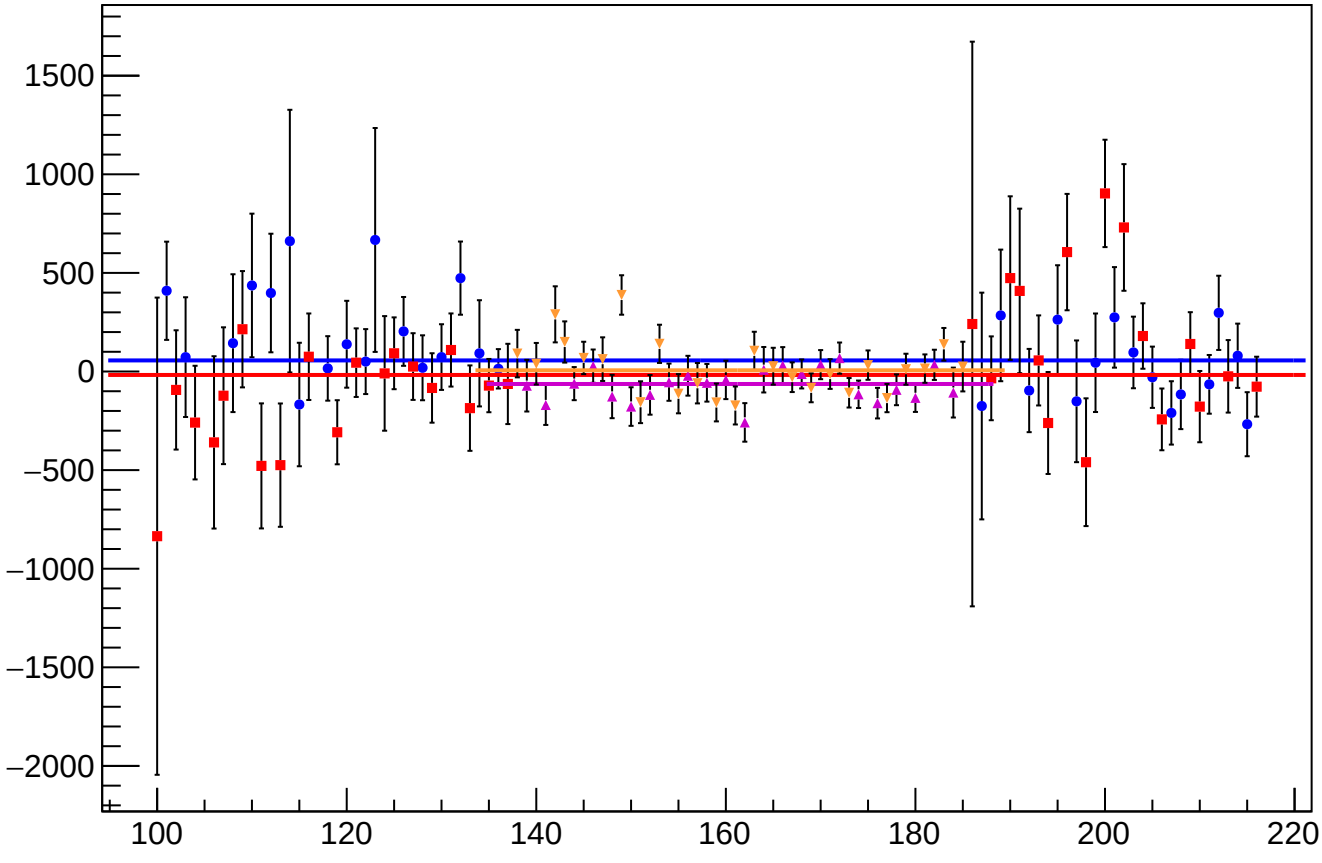
Left In: 345.039+/-0.059 χ^2/NDF:427381.3/22

+ sign 231.971+/-0.031 χ^2/NDF: 16474802.8/56

All: 229.733+/-0.022 χ^2/NDF: 32578762.3/11

- sign 227.564+/-0.031 χ^2/NDF: 16093993.1/57

reg_asym_sam_26_avg_mean vs Slug



Right In: 56.225+/-35.481 χ^2/NDF: 26.4/31

Left Out: 6.020+/-17.910 χ^2/NDF:46.0/24

Right Out: -17.487+/-36.990 χ^2/NDF: 44.2/34

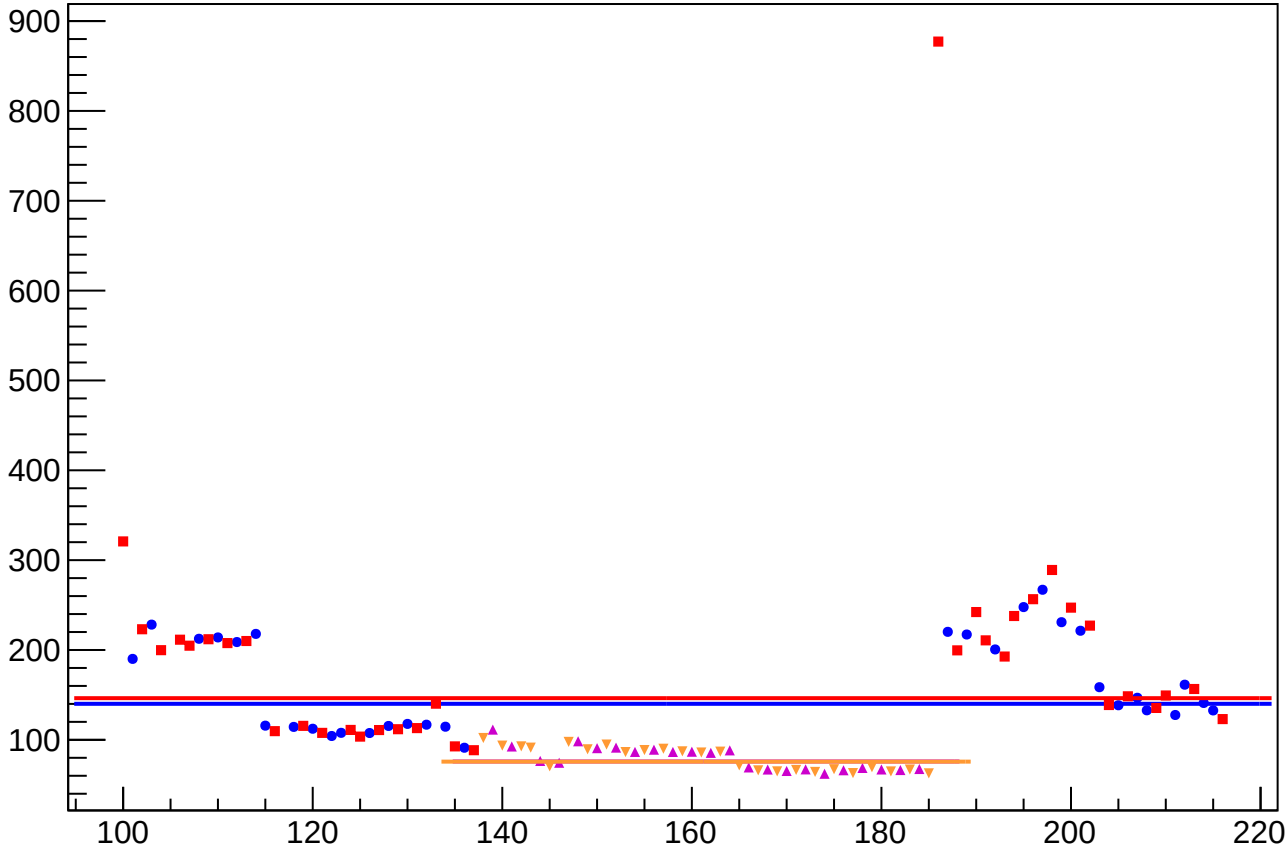
Left In: -63.279+/-18.447 χ^2/NDF:19.8/22

+ sign 16.214+/-15.988 χ^2/NDF: 74.0/56

All: -17.848+/-11.485 χ^2/NDF: 148.7/114

- sign -54.159+/-16.508 χ^2/NDF: 65.3/57

reg_asym_sam_26_avg_rms vs Slug



Right In: 140.100+/-0.025 χ^2/NDF: 2915061.6/31

Left Out: 75.743+/-0.013 χ^2/NDF:937821.8/24

Right Out: 146.368+/-0.026 χ^2/NDF: 3940501.1/34

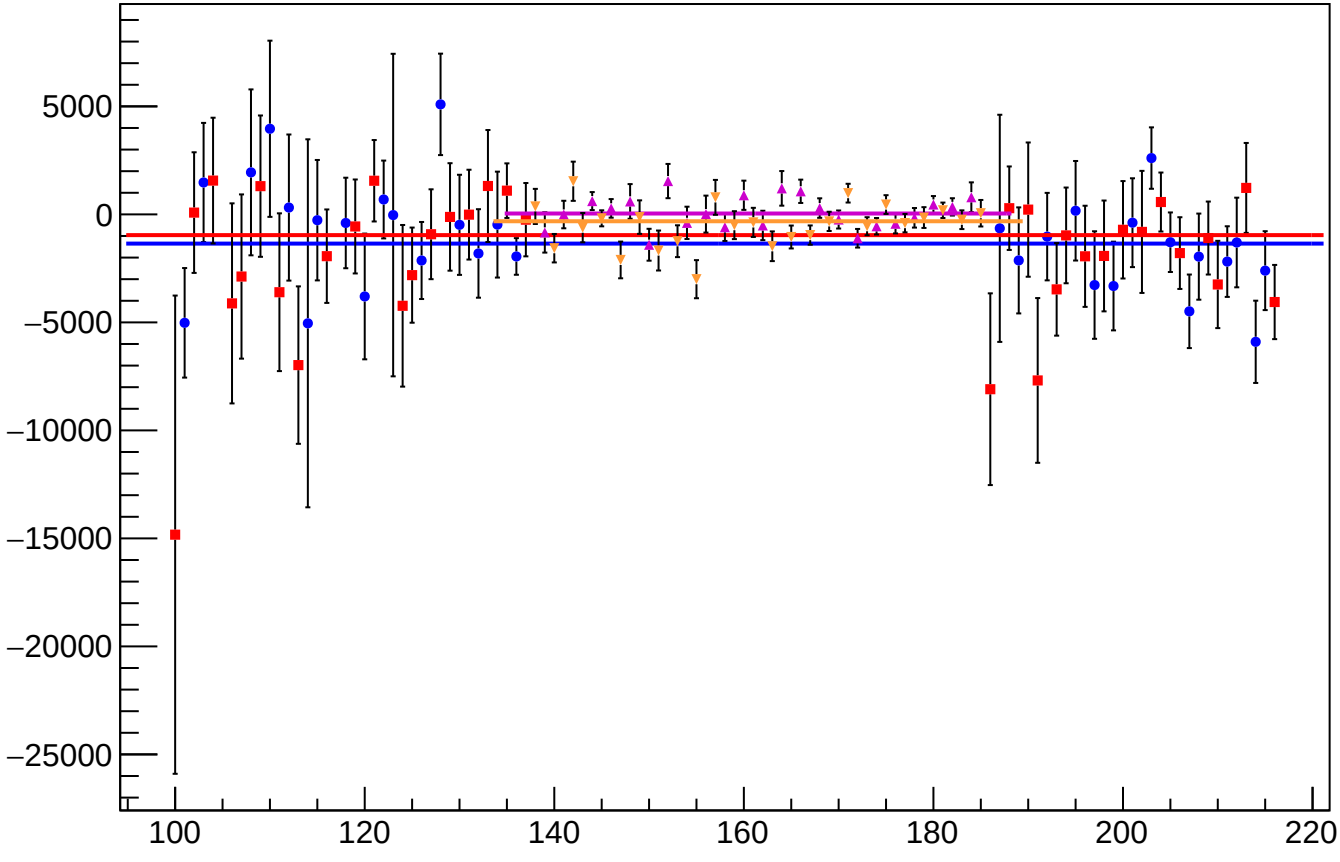
Left In: 75.909+/-0.013 χ^2/NDF:831366.4/22

+ sign 88.811+/-0.011 χ^2/NDF: 9096832.4/56

All: 89.359+/-0.008 χ^2/NDF: 19684848.2/114

- sign 89.942+/-0.012 χ^2/NDF: 10583171.2/57

asym_sam_26_avg_correction_mean vs Slug



Right In: -1352.502+/-356.630 χ^2/NDF: 36.9/31

Left Out: -318.064+/-108.014 χ^2/NDF:50.0/24

Right Out: -959.964+/-378.553 χ^2/NDF: 29.4/34

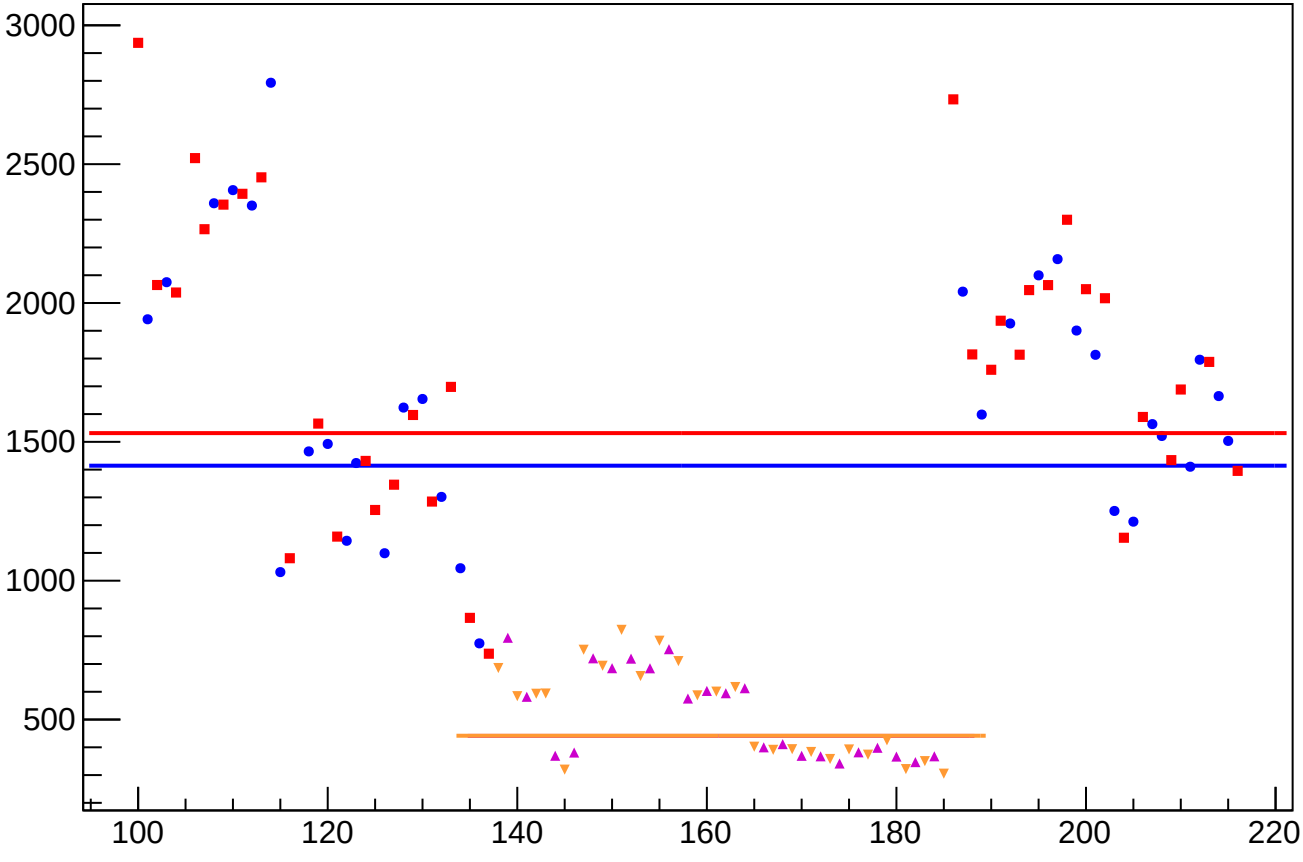
Left In: 40.473+/-110.252 χ^2/NDF:34.7/22

+ sign -404.982+/-103.376 χ^2/NDF: 94.7/56

All: -225.716+/-73.959 χ^2/NDF: 171.4/114

- sign -37.753+/-105.854 χ^2/NDF: 70.6/57

asym_sam_26_avg_correction_rms vs Slug



Right In: 1414.151+/-0.252 χ^2/NDF: 2930116.6/31

Left Out: 441.685+/-0.076 χ^2/NDF:3169140.9/24

Right Out: 1531.481+/-0.268 χ^2/NDF: 2972457.1/34

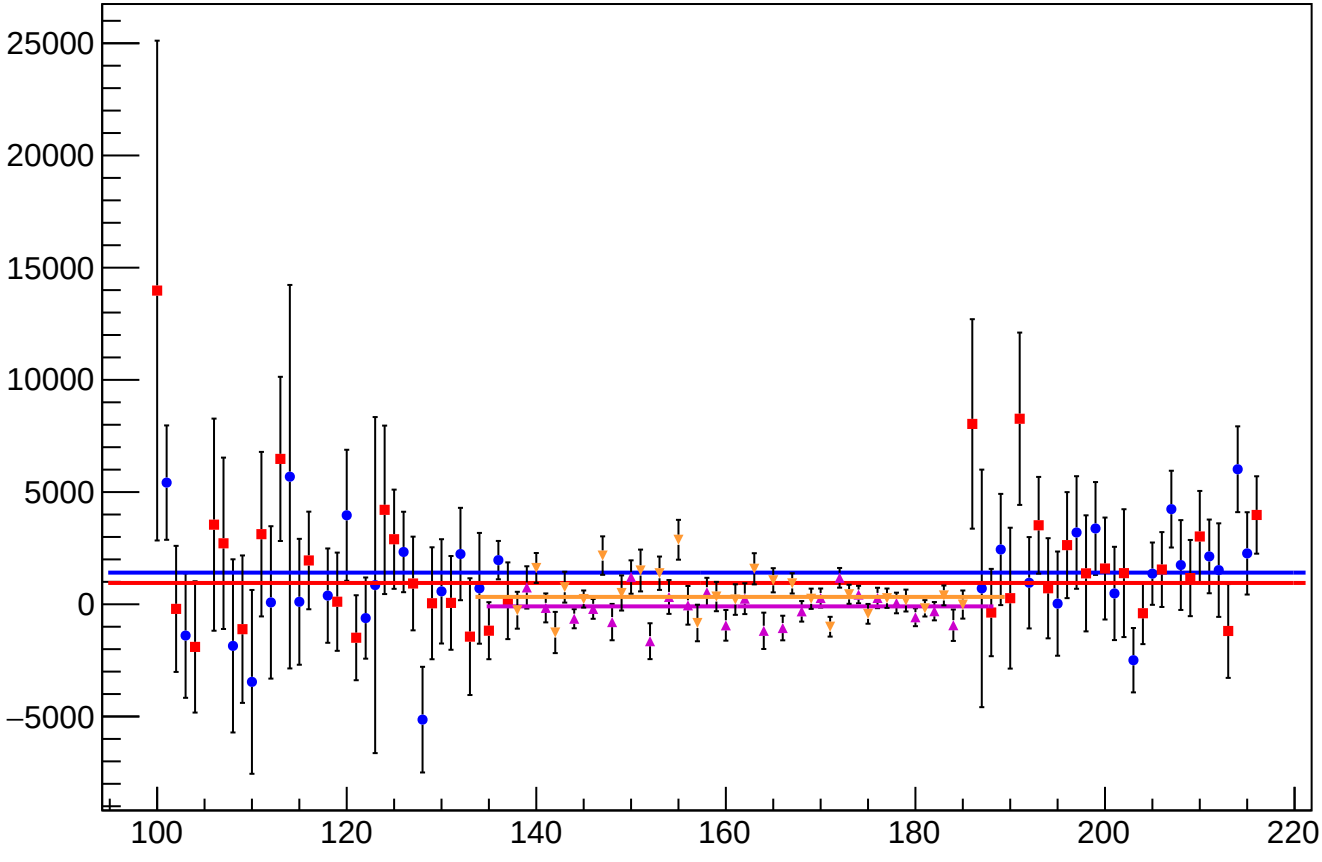
Left In: 441.009+/-0.078 χ^2/NDF:2597018.1/22

+ sign 523.396+/-0.073 χ^2/NDF: 19720853.0/56

All: 524.801+/-0.052 χ^2/NDF: 40589455.8/11

- sign 526.275+/-0.075 χ^2/NDF: 20867845.5/57

asym_sam_26_avg_mean vs Slug



Right In: 1410.846+/-358.790 χ^2/NDF: 35.9/31

Left Out: 328.599+/-109.668 χ^2/NDF:47.7/24

Right Out: 950.419+/-380.847 χ^2/NDF: 28.6/34

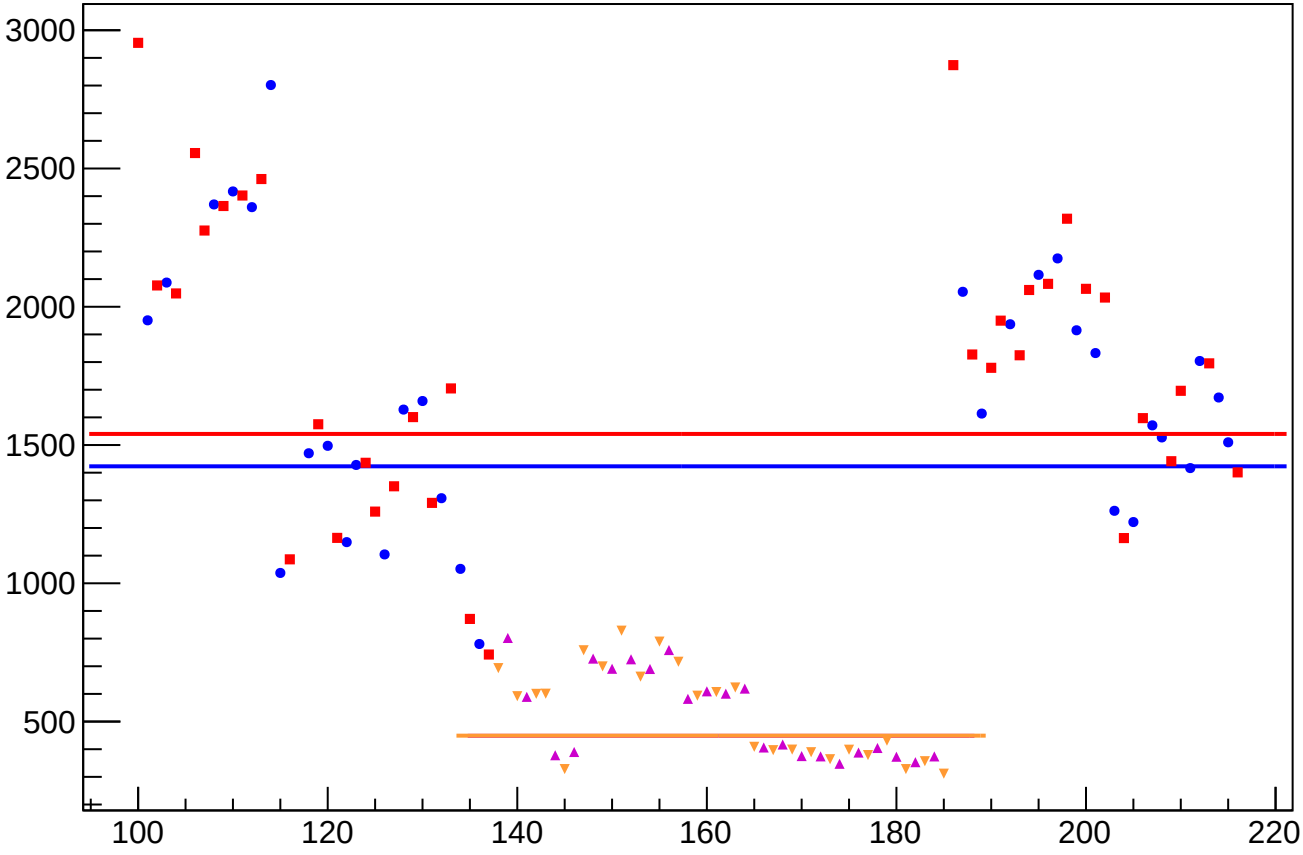
Left In: -93.310+/-111.960 χ^2/NDF:33.3/22

+ sign 421.072+/-104.878 χ^2/NDF: 92.0/56

All: 210.546+/-75.041 χ^2/NDF: 169.0/114

- sign -10.285+/-107.414 χ^2/NDF: 68.8/57

asym_sam_26_avg_rms vs Slug



Right In: 1423.011+/-0.254 χ^2/NDF: 2918524.0/31

Left Out: 449.016+/-0.078 χ^2/NDF:3090476.2/24

Right Out: 1540.125+/-0.269 χ^2/NDF: 2991974.2/34

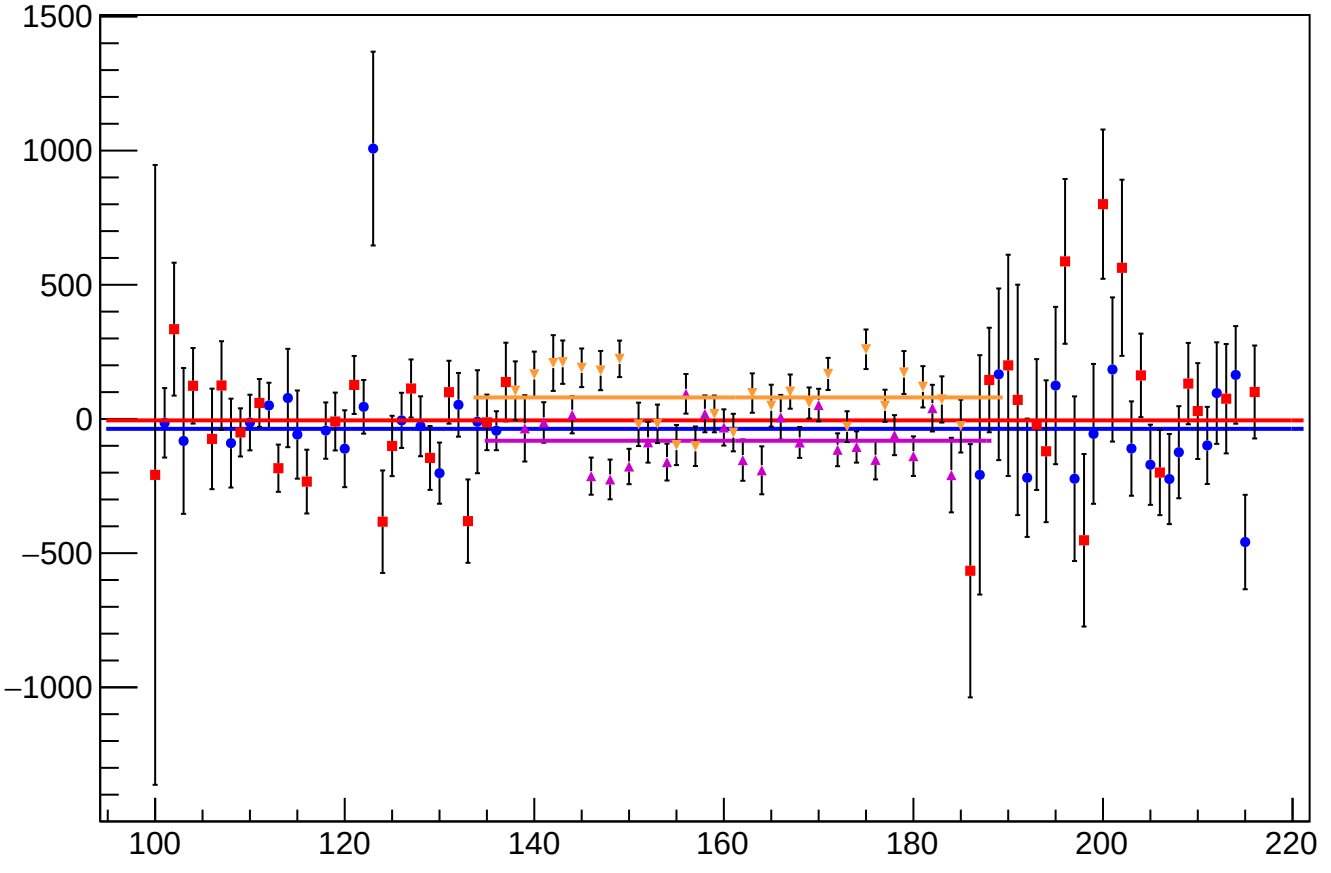
Left In: 448.307+/-0.079 χ^2/NDF:2537376.0/22

+ sign 532.240+/-0.074 χ^2/NDF: 19488415.6/56

All: 533.664+/-0.053 χ^2/NDF: 40148233.0/11

- sign 535.158+/-0.076 χ^2/NDF: 20659061.8/57

reg_asym_sam_37_avg_mean vs Slug



Right In: -36.832+/-25.251 χ^2/NDF: 26.5/31

Left Out: 80.171+/-14.592 χ^2/NDF:48.6/24

Right Out: -5.254+/-25.000 χ^2/NDF: 52.0/34

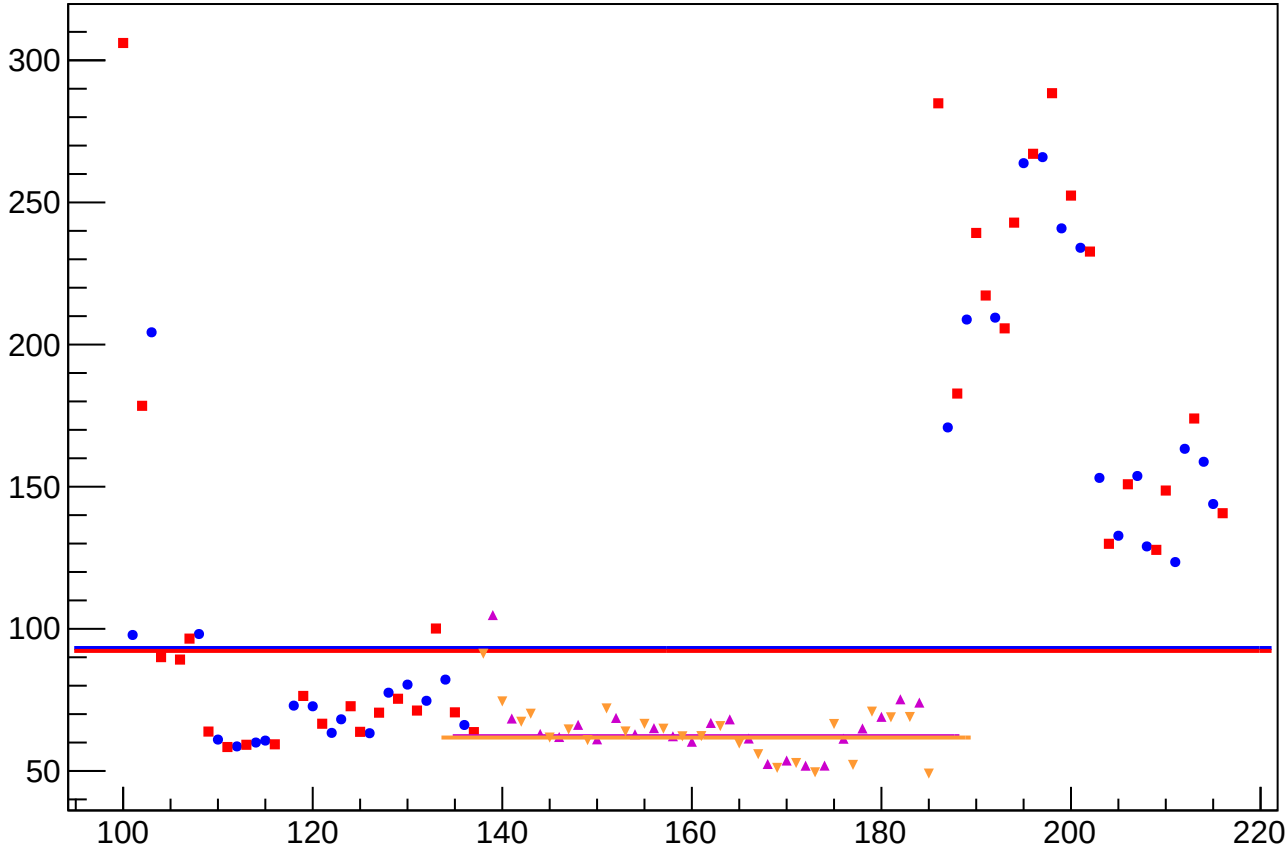
Left In: -81.156+/-15.105 χ^2/NDF:35.3/22

+ sign 50.879+/-12.634 χ^2/NDF: 91.2/56

All: -3.702+/-9.036 χ^2/NDF: 223.4/114

- sign -60.857+/-12.929 χ^2/NDF: 94.0/57

reg_asym_sam_37_avg_rms vs Slug



Right In: 93.253+/-0.018 χ^2/NDF: 6769138.2/31

Left Out: 61.761+/-0.010 χ^2/NDF:645535.0/24

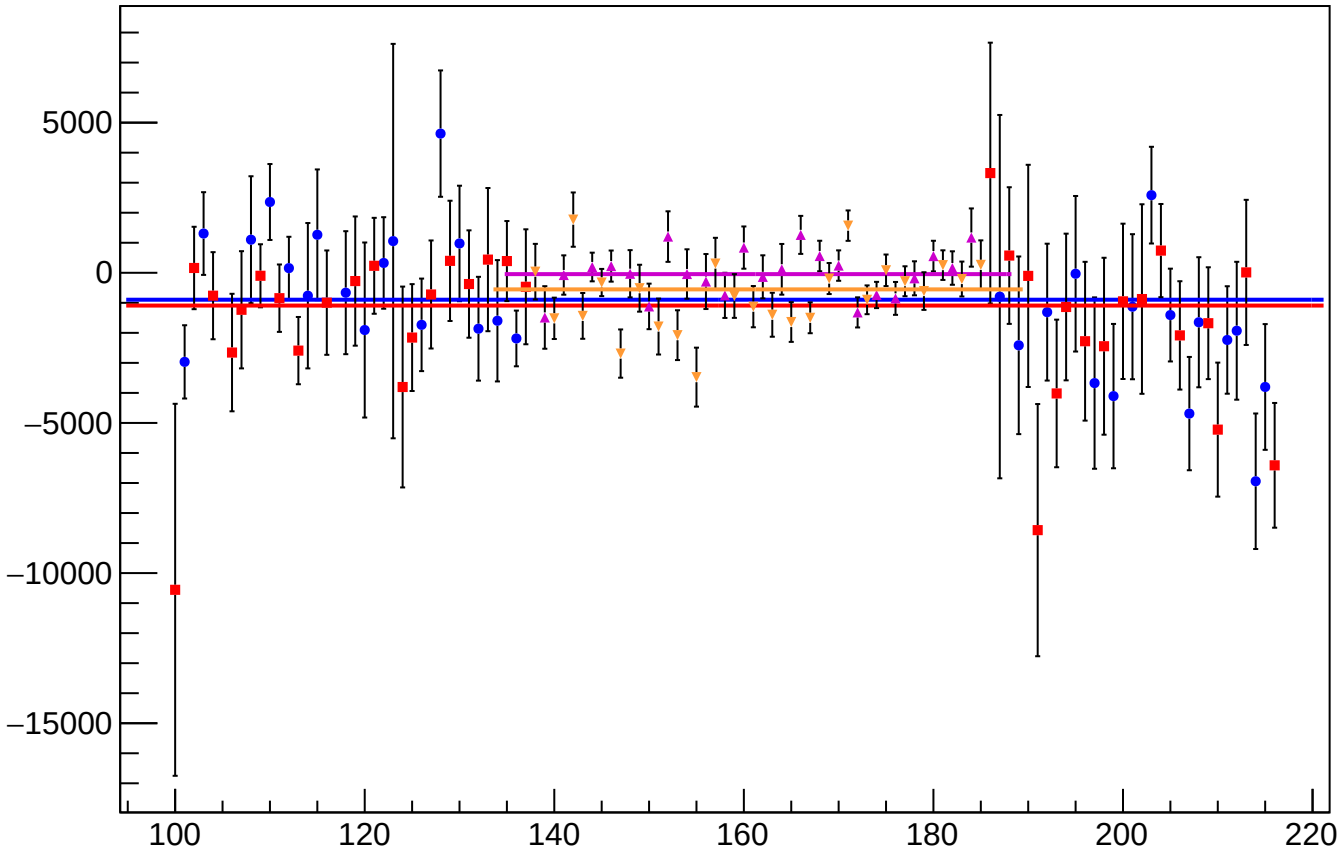
Right Out: 92.236+/-0.018 χ^2/NDF: 7766965.6/34

Left In: 62.250+/-0.011 χ^2/NDF:591085.1/22

+ sign 69.645+/-0.009 χ^2/NDF: 9746782.5/56

All: 69.950+/-0.006 χ^2/NDF: 20215079.9/114

- sign 70.270+/-0.009 χ^2/NDF: 10465911.1/57



Right In: -896.618+/-316.323 χ^2/NDF: 48.3/31

Left Out: -552.511+/-126.981 χ^2/NDF:65.3/24

Right Out: -1091.352+/-314.421 χ^2/NDF: 29.6/34

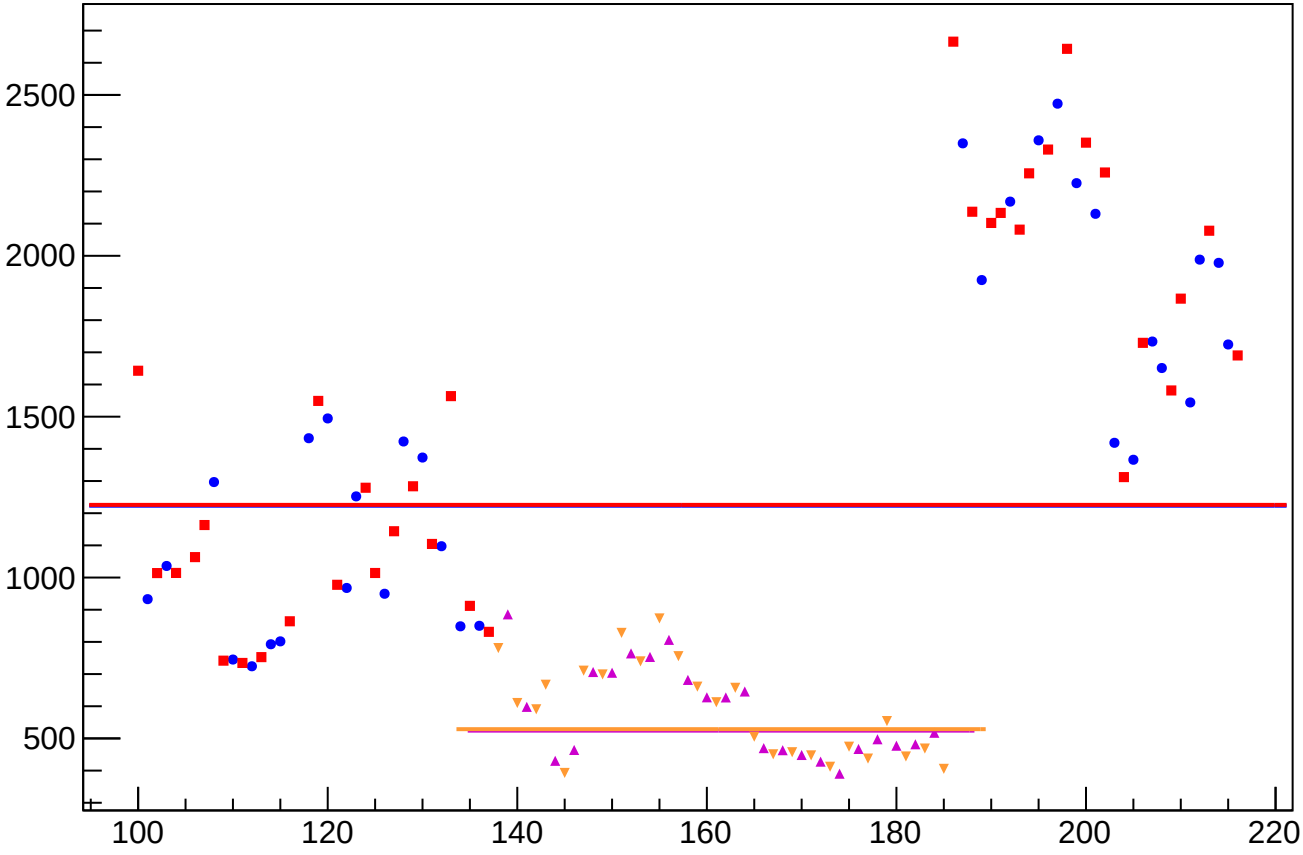
Left In: -44.578+/-129.095 χ^2/NDF:29.6/22

+ sign -600.266+/-117.841 χ^2/NDF: 114.6/56

All: -400.619+/-83.879 χ^2/NDF: 189.1/114

- sign -195.583+/-119.421 χ^2/NDF: 68.6/57

asym_sam_37_avg_correction_rms vs Slug



Right In: 1223.344+/-0.224 χ^2/NDF: 4445338.5/31

Left Out: 528.736+/-0.090 χ^2/NDF:1983697.7/24

Right Out: 1225.865+/-0.222 χ^2/NDF: 5239877.1/34

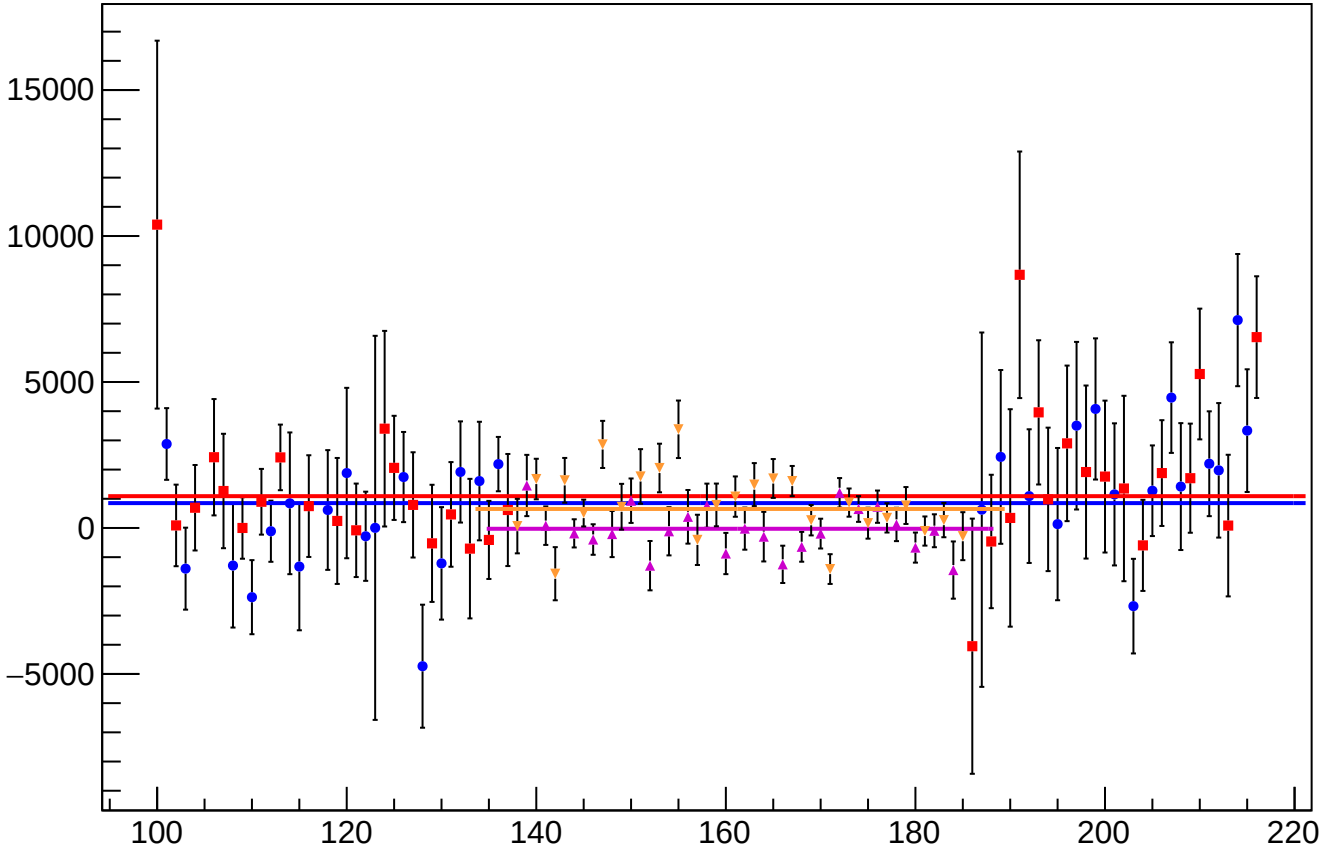
Left In: 524.268+/-0.091 χ^2/NDF:1716257.3/22

+ sign 625.134+/-0.083 χ^2/NDF: 14734438.2/56

All: 625.304+/-0.059 χ^2/NDF: 30212299.7/11

- sign 625.479+/-0.084 χ^2/NDF: 15477853.1/57

asym_sam_37_avg_mean vs Slug



Right In: 851.828+/-317.790 χ^2/NDF: 47.8/31

Left Out: 651.560+/-127.961 χ^2/NDF:61.1/24

Right Out: 1089.553+/-315.992 χ^2/NDF: 28.9/34

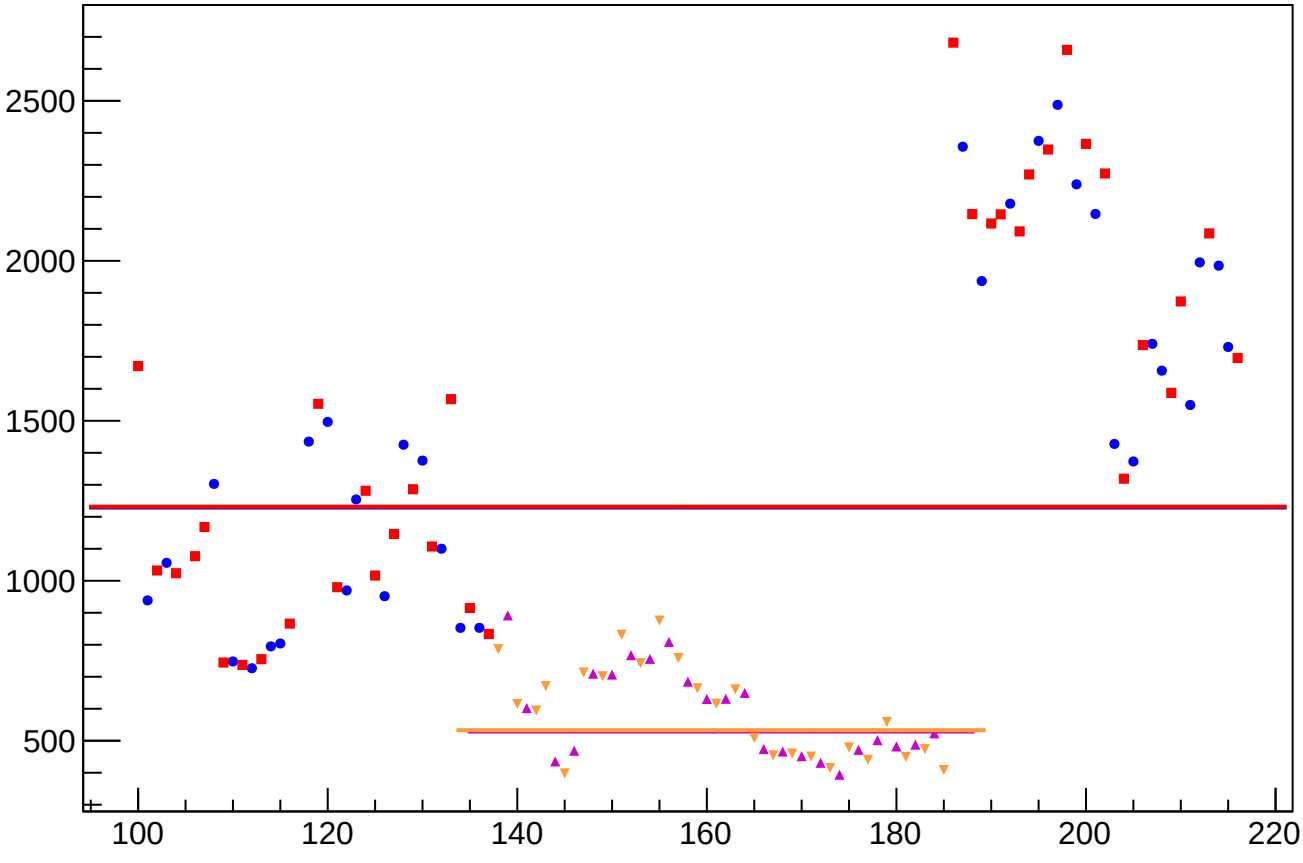
Left In: -27.483+/-130.127 χ^2/NDF:28.5/22

+ sign 679.500+/-118.700 χ^2/NDF: 109.2/56

All: 410.693+/-84.502 χ^2/NDF: 187.7/114

- sign 134.480+/-120.324 χ^2/NDF: 68.1/57

asym_sam_37_avg_rms vs Slug



Right In: 1228.934+/-0.225 χ^2/NDF: 4449683.5/31

Left Out: 533.060+/-0.090 χ^2/NDF:1951536.4/24

Right Out: 1231.706+/-0.223 χ^2/NDF: 5246710.1/34

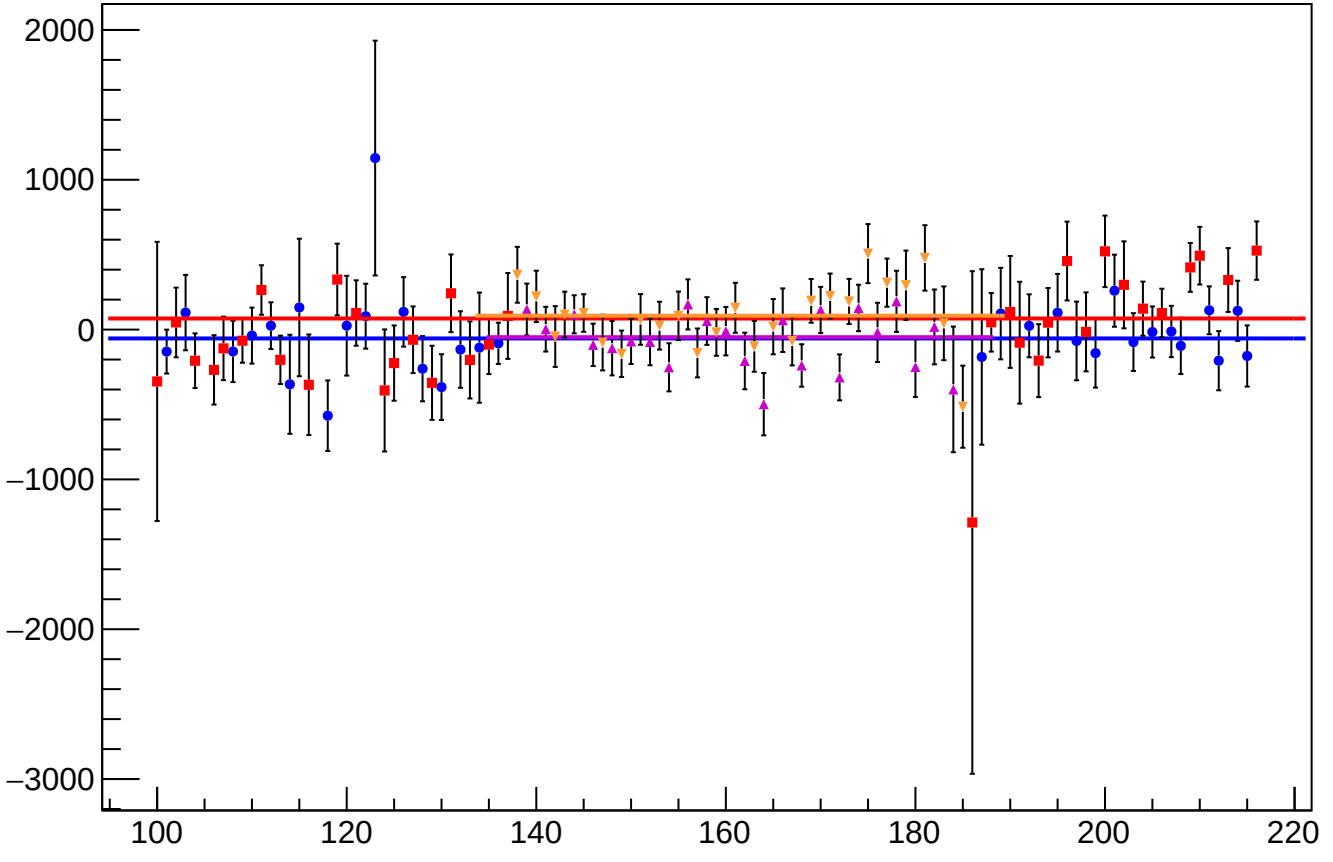
Left In: 528.694+/-0.092 χ^2/NDF:1688511.2/22

+ sign 630.144+/-0.084 χ^2/NDF: 14653116.2/56

All: 630.382+/-0.060 χ^2/NDF: 30052282.5/11

- sign 630.626+/-0.085 χ^2/NDF: 15399150.0/57

reg_asym_sam_48_avg_mean vs Slug



Right In: -59.198+/-37.939 χ^2/NDF: 20.1/31

Left Out: 92.994+/-34.054 χ^2/NDF:29.4/24

Right Out: 74.003+/-37.772 χ^2/NDF: 47.2/34

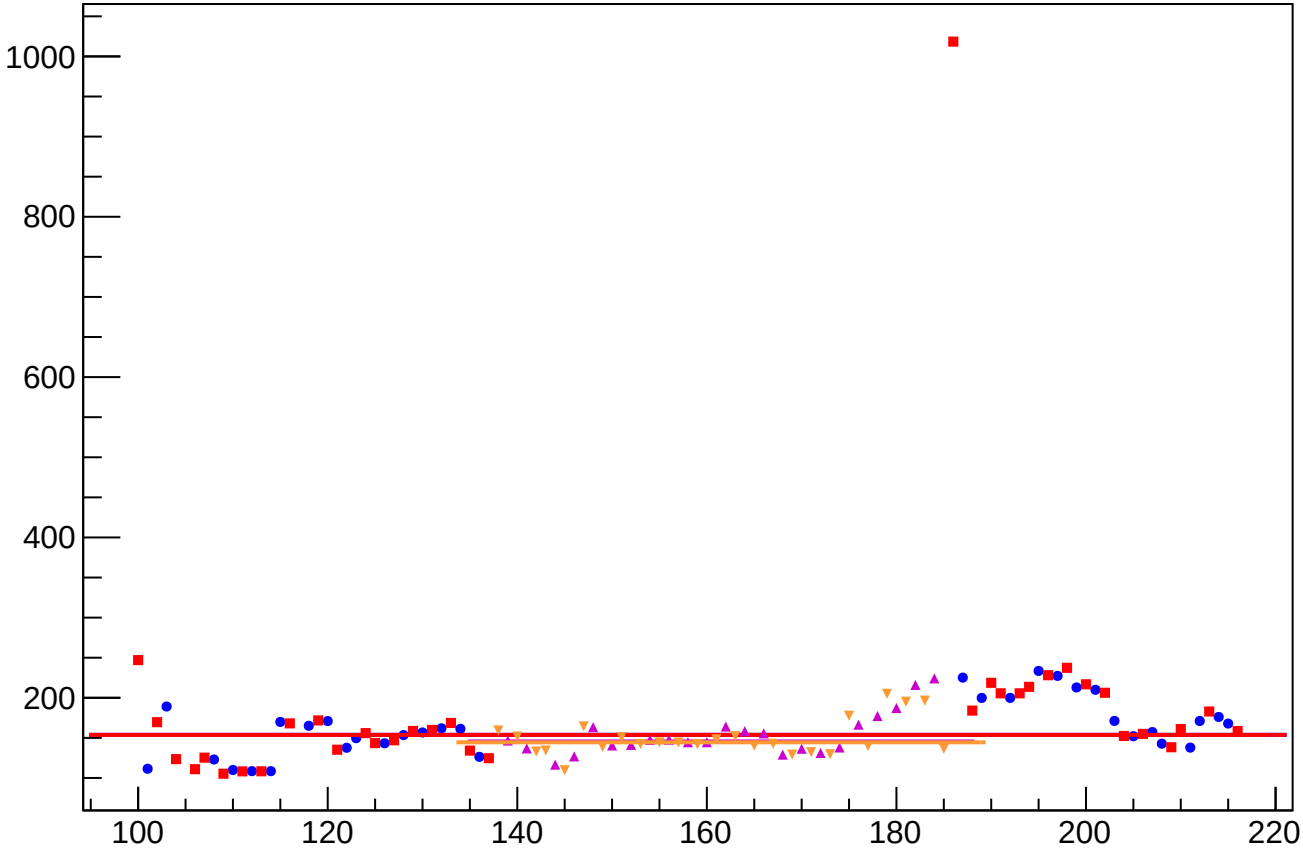
Left In: -50.896+/-35.280 χ^2/NDF:23.5/22

+ sign 25.088+/-25.342 χ^2/NDF: 58.4/56

All: 16.346+/-18.073 χ^2/NDF: 135.2/114

- sign 7.298+/-25.783 χ^2/NDF: 76.5/57

reg_asym_sam_48_avg_rms vs Slug



Right In: 153.810+/-0.027 χ^2/NDF: 1529964.5/31

Left Out: 144.475+/-0.024 χ^2/NDF:670488.7/24

Right Out: 153.711+/-0.027 χ^2/NDF: 2323886.6/34

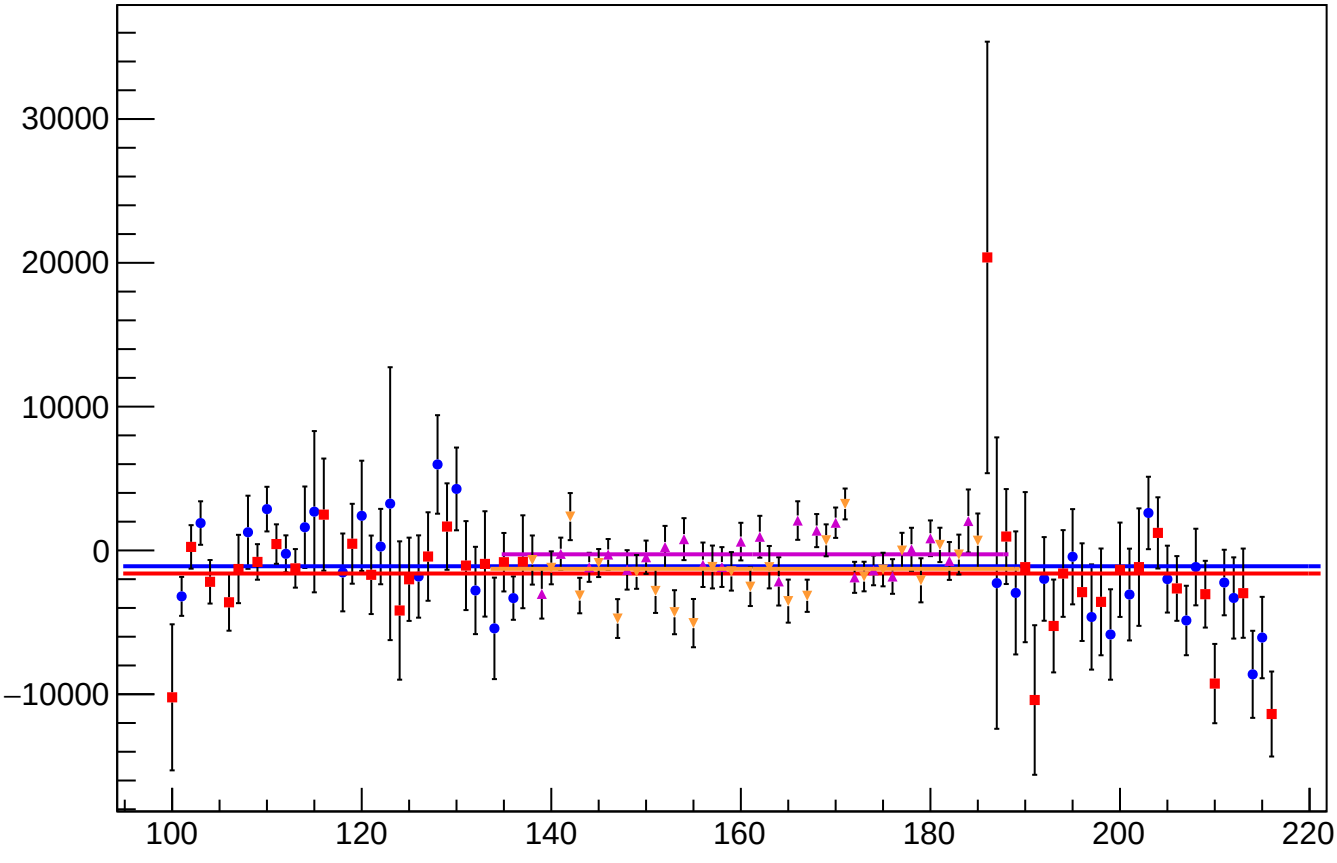
Left In: 145.535+/-0.025 χ^2/NDF:643529.3/22

+ sign 148.640+/-0.018 χ^2/NDF: 2267512.9/56

All: 148.986+/-0.013 χ^2/NDF: 5285731.2/114

- sign 149.344+/-0.018 χ^2/NDF: 3017460.8/57

asym_sam_48_avg_correction_mean vs Slug



Right In: -1100.426+/-430.959 χ^2/NDF: 47.5/31

Left Out: -1279.328+/-259.299 χ^2/NDF:55.9/24

Right Out: -1605.323+/-411.837 χ^2/NDF: 39.9/34

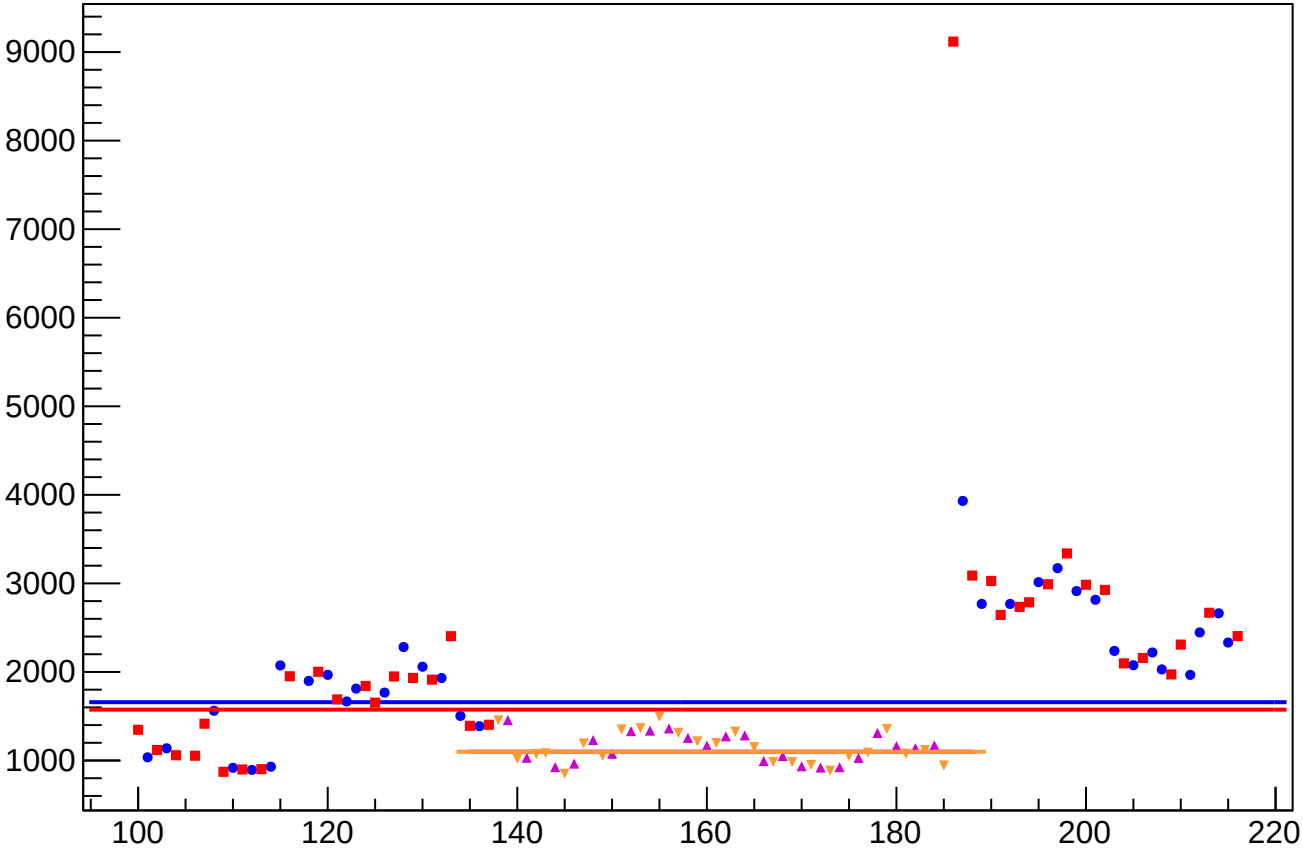
Left In: -269.952+/-266.245 χ^2/NDF:24.3/22

+ sign -1231.776+/-222.182 χ^2/NDF: 103.5/56

All: -949.460+/-157.602 χ^2/NDF: 178.4/114

- sign -663.554+/-223.590 χ^2/NDF: 71.6/57

asym_sam_48_avg_correction_rms vs Slug



Right In: 1658.536+/-0.305 χ^2/NDF: 4818251.6/31

Left Out: 1098.909+/-0.183 χ^2/NDF:824328.7/24

Right Out: 1574.251+/-0.291 χ^2/NDF: 6446210.7/34

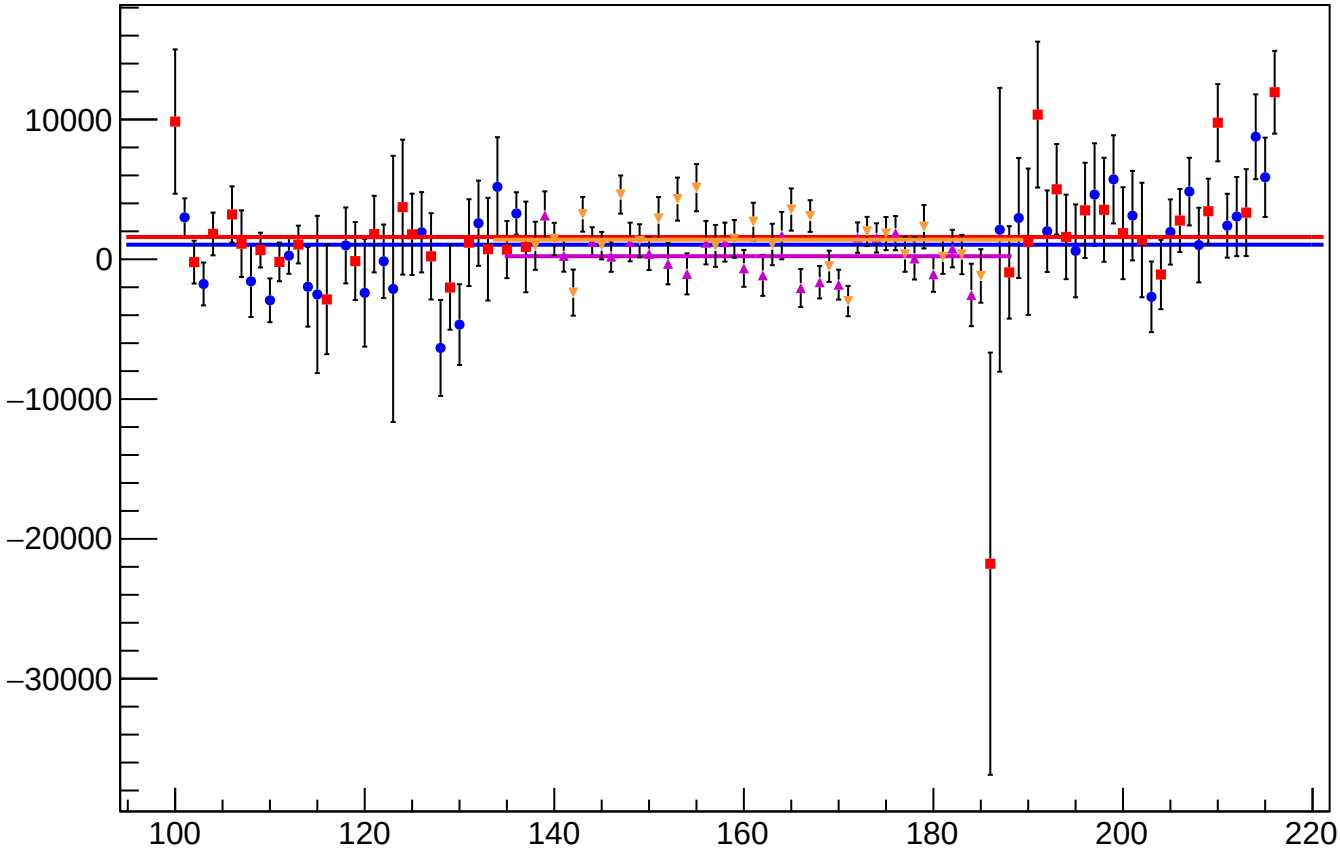
Left In: 1099.585+/-0.188 χ^2/NDF:679896.1/22

+ sign 1247.655+/-0.157 χ^2/NDF: 8118705.3/56

All: 1243.600+/-0.111 χ^2/NDF: 17119842.3/1

- sign 1239.493+/-0.158 χ^2/NDF: 8999796.0/57

asym_sam_48_avg_mean vs Slug



Right In: 1042.519+/-433.227 χ^2/NDF: 47.3/31

Left Out: 1400.458+/-261.804 χ^2/NDF:52.2/24

Right Out: 1595.073+/-414.436 χ^2/NDF: 41.7/34

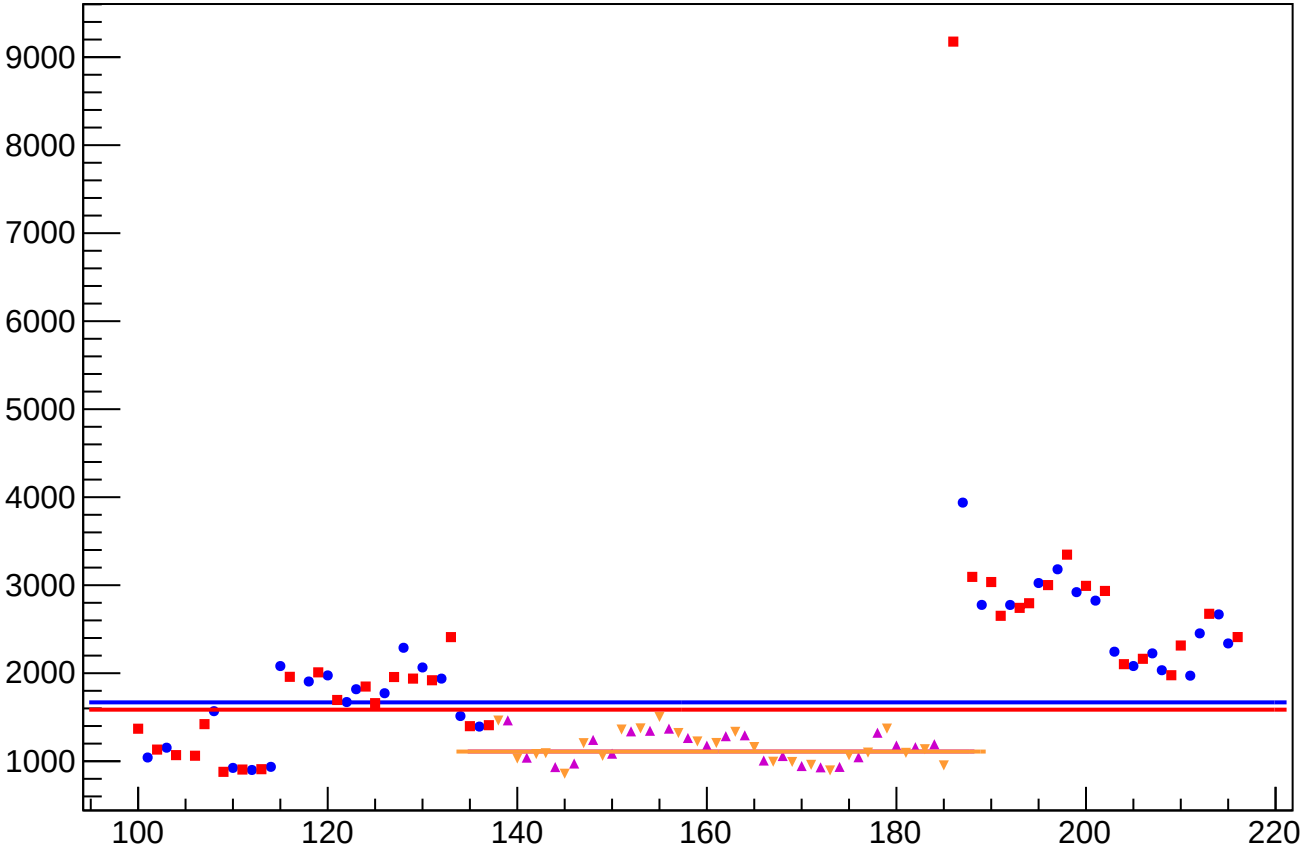
Left In: 219.393+/-268.852 χ^2/NDF:25.0/22

+ sign 1304.708+/-224.068 χ^2/NDF: 100.0/56

All: 968.015+/-158.961 χ^2/NDF: 179.1/114

- sign 626.853+/-225.549 χ^2/NDF: 74.5/57

asym_sam_48_avg_rms vs Slug



Right In: 1668.726+/-0.306 χ^2/NDF: 4767547.3/31

Left Out: 1109.761+/-0.185 χ^2/NDF:812174.9/24

Right Out: 1585.663+/-0.293 χ^2/NDF: 6382285.6/34

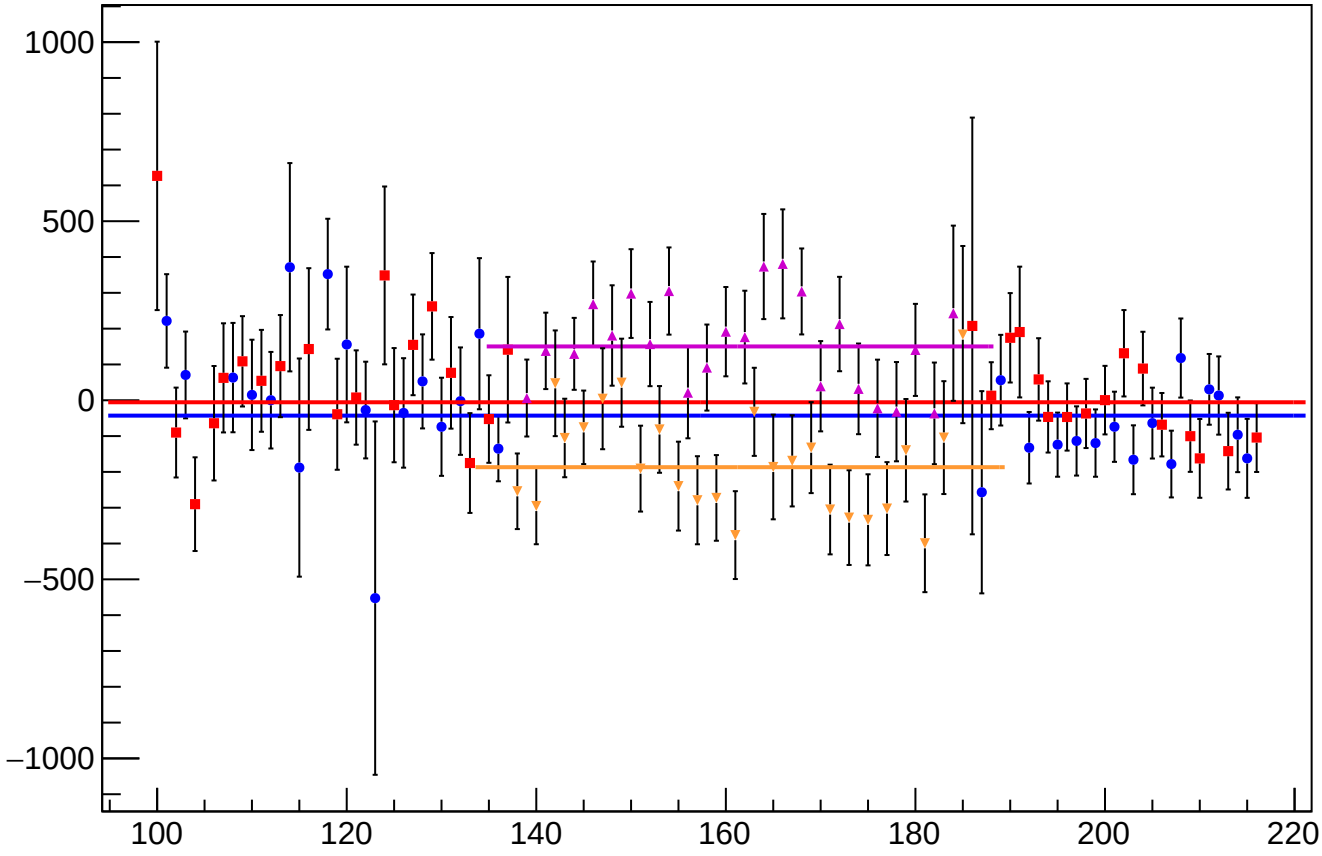
Left In: 1110.542+/-0.190 χ^2/NDF:669928.9/22

+ sign 1259.286+/-0.158 χ^2/NDF: 8018508.4/56

All: 1255.303+/-0.112 χ^2/NDF: 16922032.5/1

- sign 1251.267+/-0.159 χ^2/NDF: 8902251.9/57

reg_asym_sam_15_dd_mean vs Slug



Right In: -42.874+/-21.590 χ^2/NDF: 31.6/31

Left Out: -186.838+/-25.308 χ^2/NDF:26.6/24

Right Out: -5.583+/-21.249 χ^2/NDF: 31.8/34

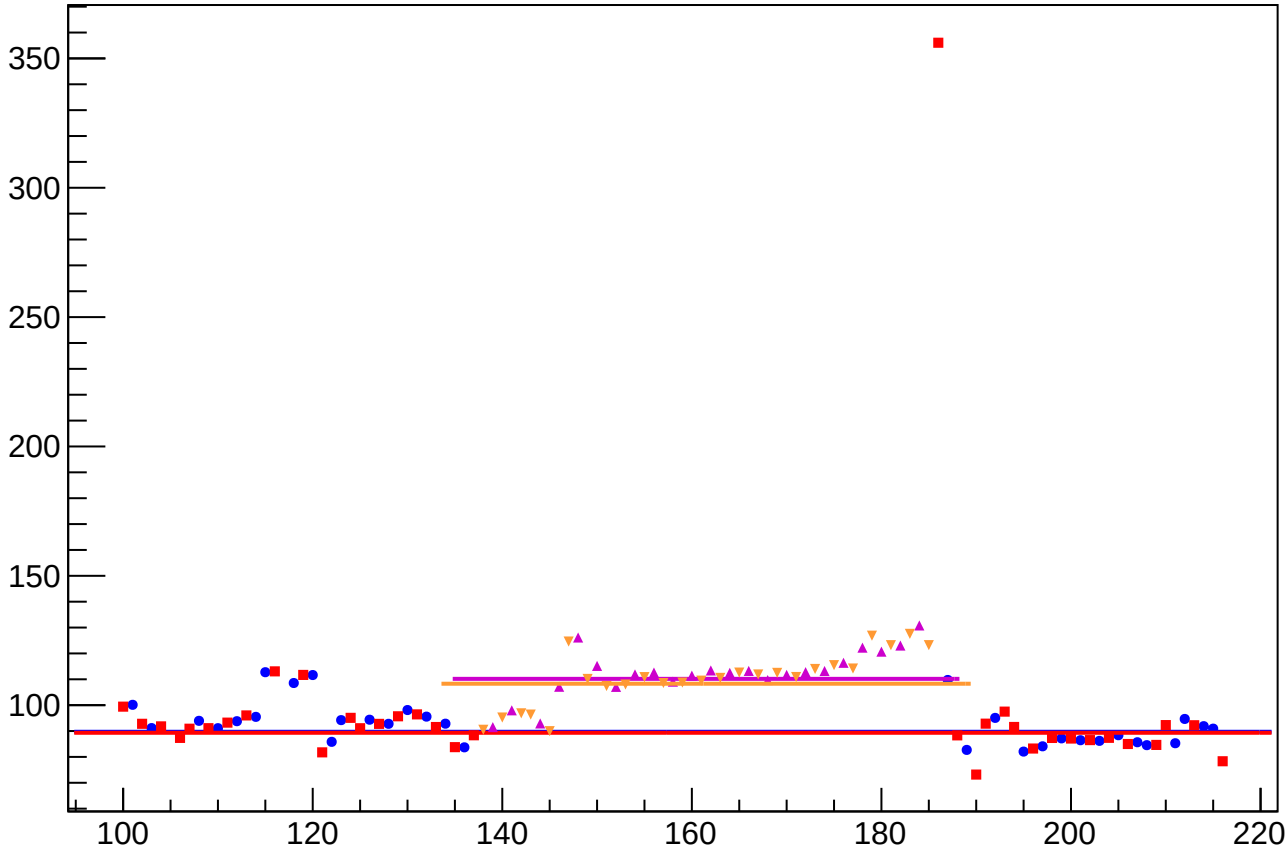
Left In: 150.315+/-26.445 χ^2/NDF:20.7/22

+ sign -103.515+/-16.425 χ^2/NDF: 76.9/56

All: -24.636+/-11.663 χ^2/NDF: 197.0/114

- sign 55.582+/-16.564 χ^2/NDF: 73.6/57

reg_asym_sam_15_dd_rms vs Slug



Right In: 89.716+/-0.015 χ^2/NDF: 170924.3/31

Left Out: 108.287+/-0.018 χ^2/NDF:330693.5/24

Right Out: 89.328+/-0.015 χ^2/NDF: 612522.6/34

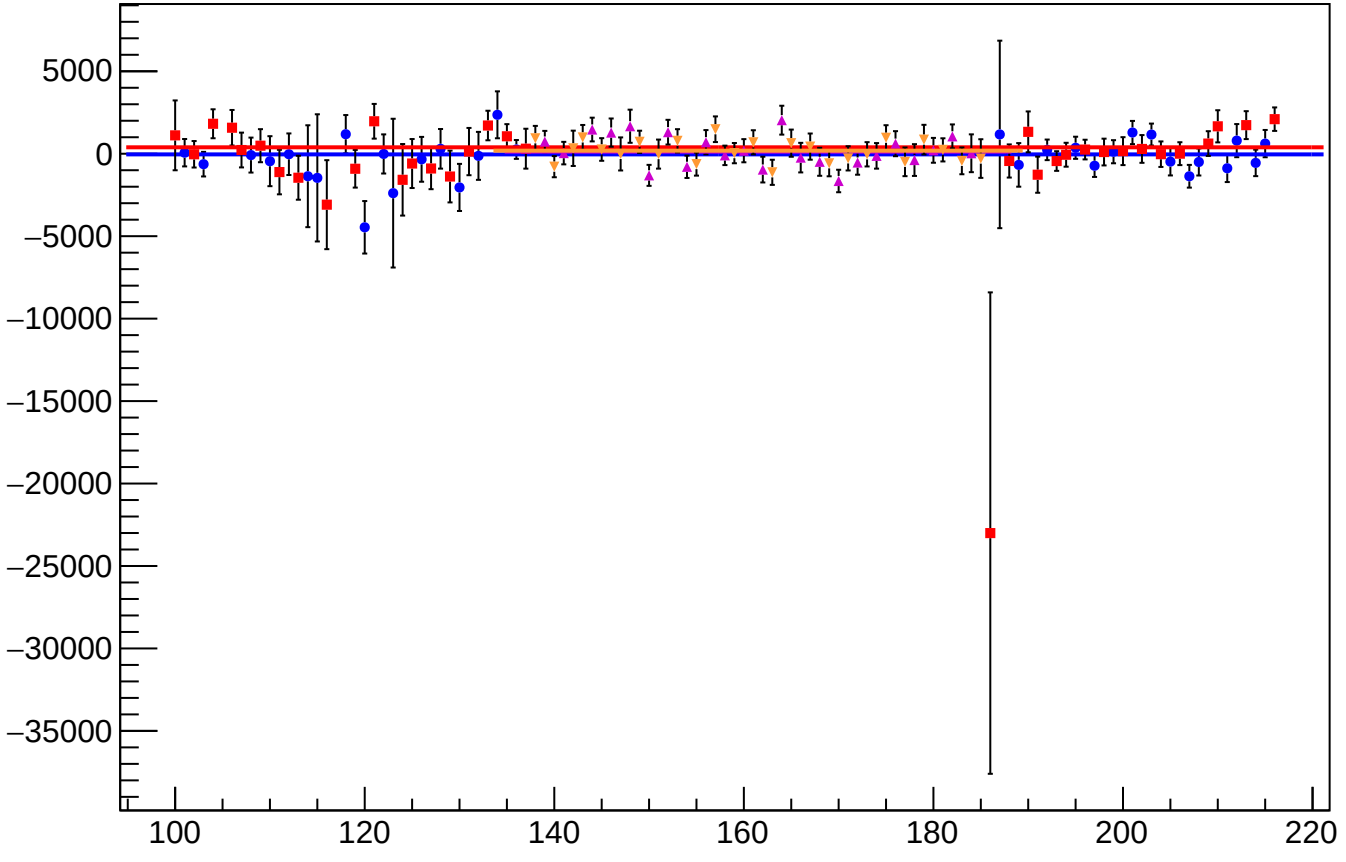
Left In: 110.173+/-0.019 χ^2/NDF:246967.7/22

\+ sign 97.539+/-0.012 χ^2/NDF: 1124941.5/56

All: 97.523+/-0.008 χ^2/NDF: 2739526.0/114

\- sign 97.507+/-0.012 χ^2/NDF: 1614580.8/57

asym_sam_15_dd_correction_mean vs Slug



Right In: -39.741+/-163.619 χ^2/NDF: 31.1/31

Left Out: 185.392+/-153.683 χ^2/NDF:18.4/24

Right Out: 389.561+/-160.100 χ^2/NDF: 38.7/34

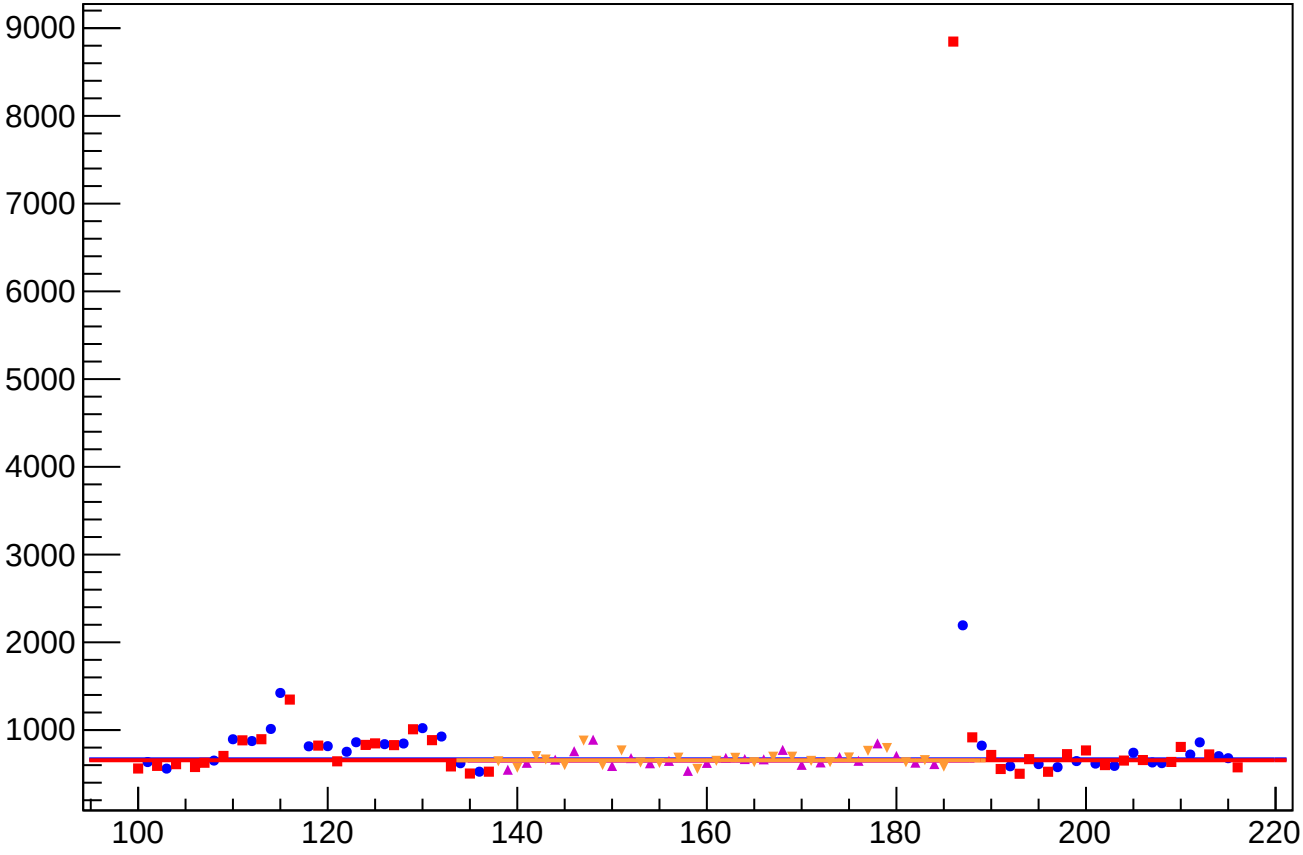
Left In: 128.782+/-157.155 χ^2/NDF:36.2/22

+ sign 79.868+/-112.018 χ^2/NDF: 50.5/56

All: 168.204+/-79.256 χ^2/NDF: 128.0/114

- sign 256.751+/-112.152 χ^2/NDF: 76.2/57

asym_sam_15_dd_correction_rms vs Slug



Right In: 666.141+/-0.116 χ^2/NDF: 1102303.3/31

Left Out: 655.155+/-0.109 χ^2/NDF:367349.8/24

Right Out: 655.679+/-0.113 χ^2/NDF: 1853591.4/34

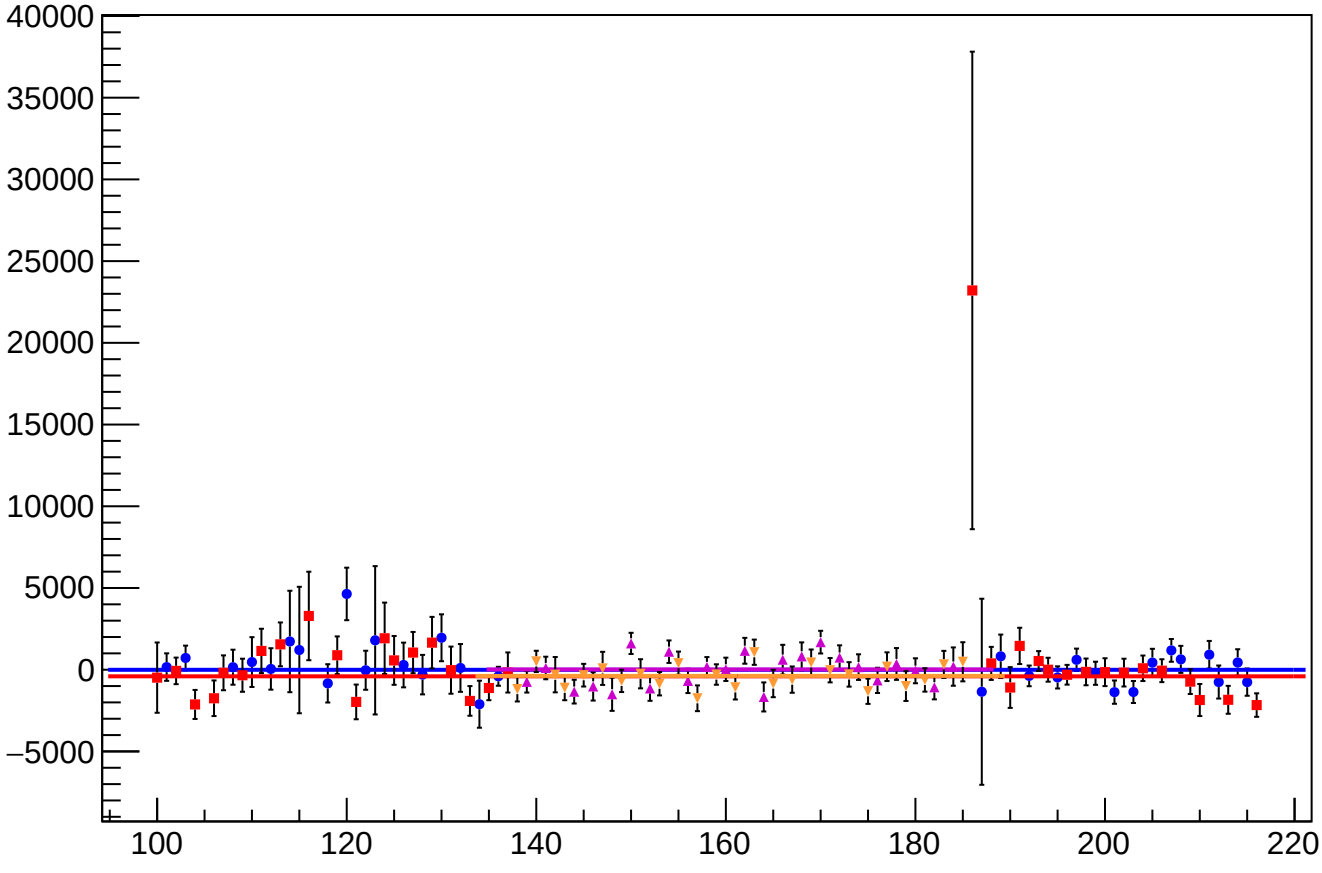
Left In: 650.883+/-0.111 χ^2/NDF:466116.8/22

+ sign 660.304+/-0.079 χ^2/NDF: 1474442.9/56

All: 656.775+/-0.056 χ^2/NDF: 3799041.1/114

- sign 653.237+/-0.079 χ^2/NDF: 2320622.3/57

asym_sam_15_dd_mean vs Slug



Right In: -5.863+/-165.227 χ^2/NDF: 31.6/31

Left Out: -379.470+/-155.892 χ^2/NDF:18.8/24

Right Out: -405.204+/-161.771 χ^2/NDF: 43.7/34

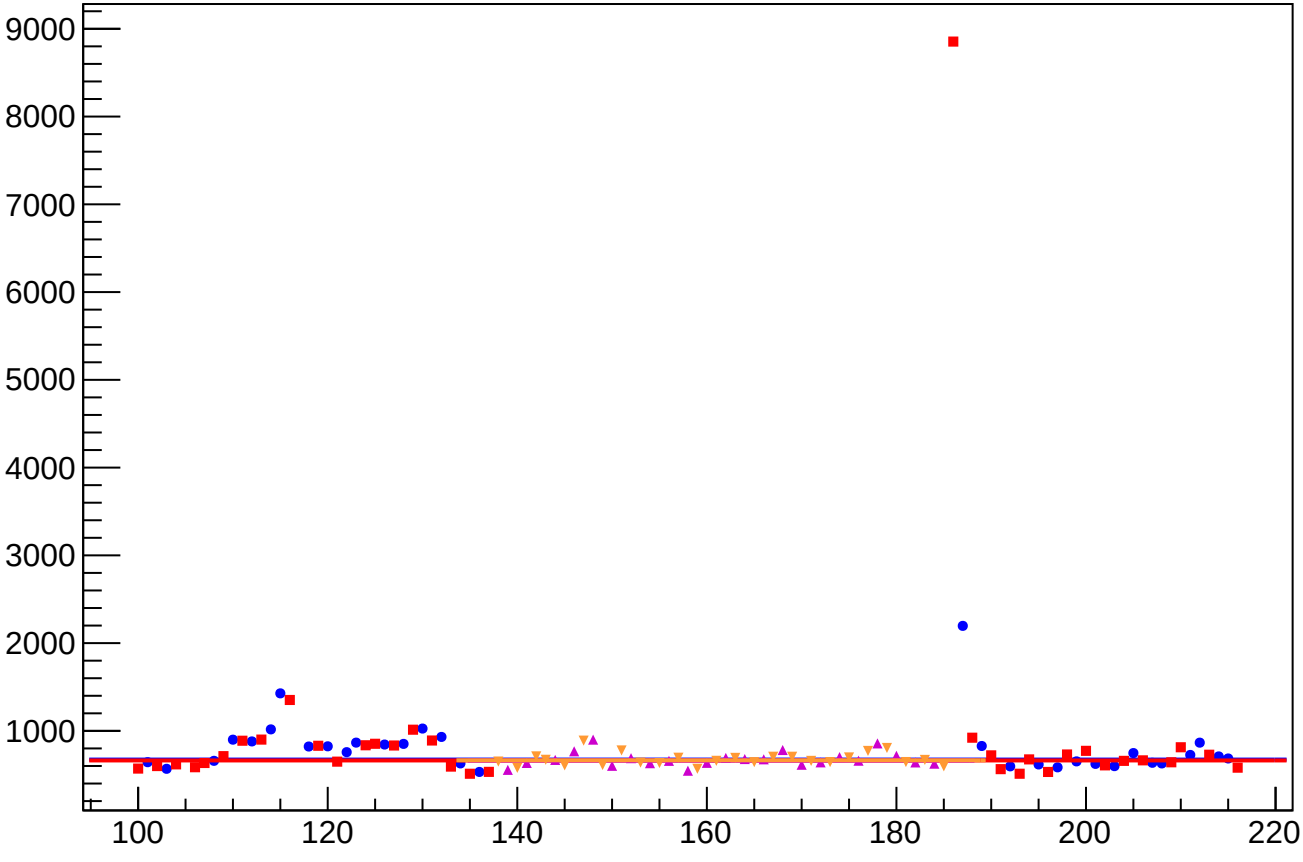
Left In: 14.768+/-159.513 χ^2/NDF:37.2/22

+ sign -203.518+/-113.389 χ^2/NDF: 53.2/56

All: -197.902+/-80.247 χ^2/NDF: 137.5/114

- sign -192.267+/-113.583 χ^2/NDF: 84.3/57

asym_sam_15_dd_rms vs Slug



Right In: 673.082+/-0.117 χ^2/NDF: 1077111.4/31

Left Out: 664.773+/-0.110 χ^2/NDF:357053.8/24

Right Out: 663.059+/-0.114 χ^2/NDF: 1815753.6/34

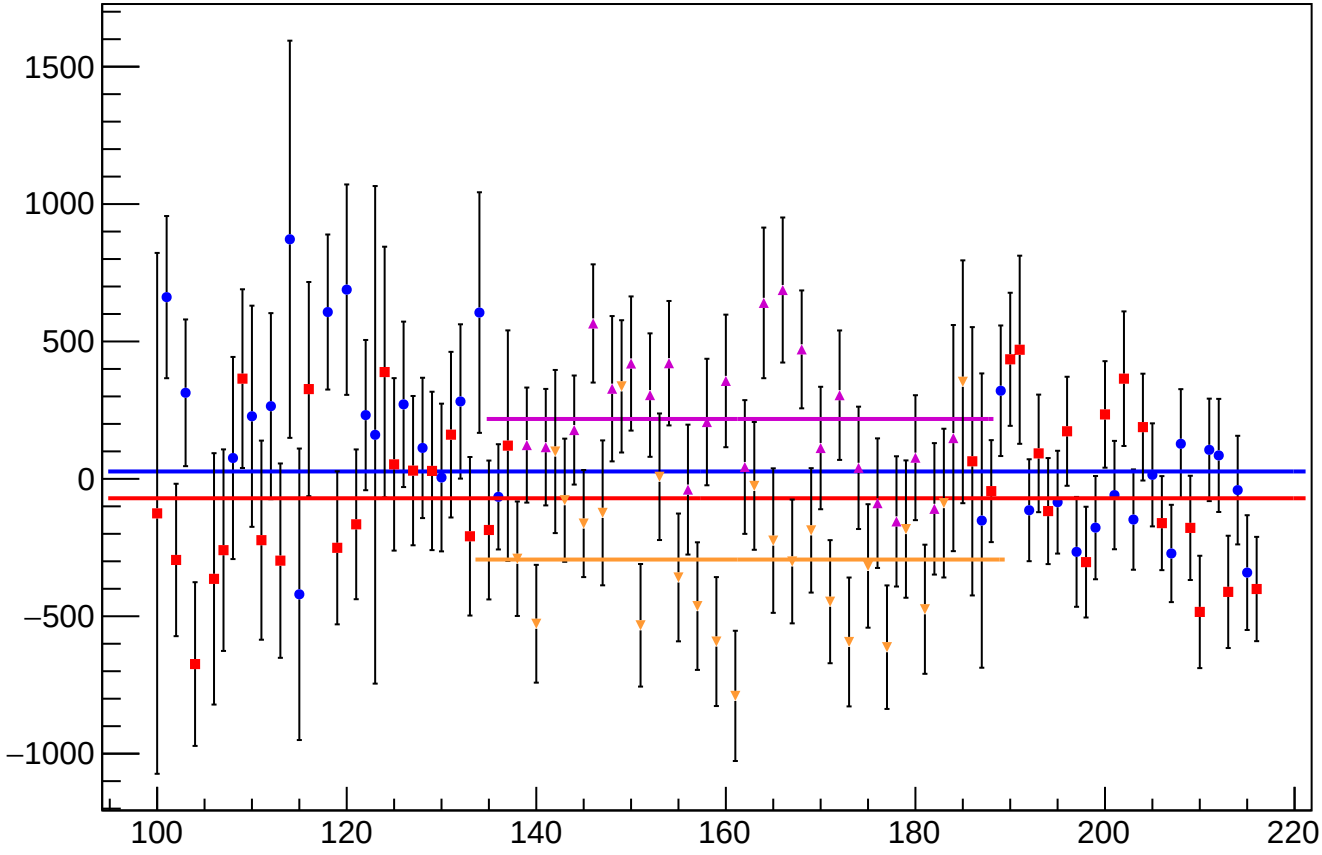
Left In: 660.890+/-0.113 χ^2/NDF:449180.0/22

+ sign 668.686+/-0.080 χ^2/NDF: 1436841.3/56

All: 665.328+/-0.057 χ^2/NDF: 3705470.2/114

- sign 661.959+/-0.080 χ^2/NDF: 2265115.8/57

reg_asym_sam_26_dd_mean vs Slug



Right In: 26.934+/-42.752 χ^2/NDF: 33.6/31

Left Out: -293.590+/-47.203 χ^2/NDF:30.3/24

Right Out: -70.580+/-42.817 χ^2/NDF: 40.4/34

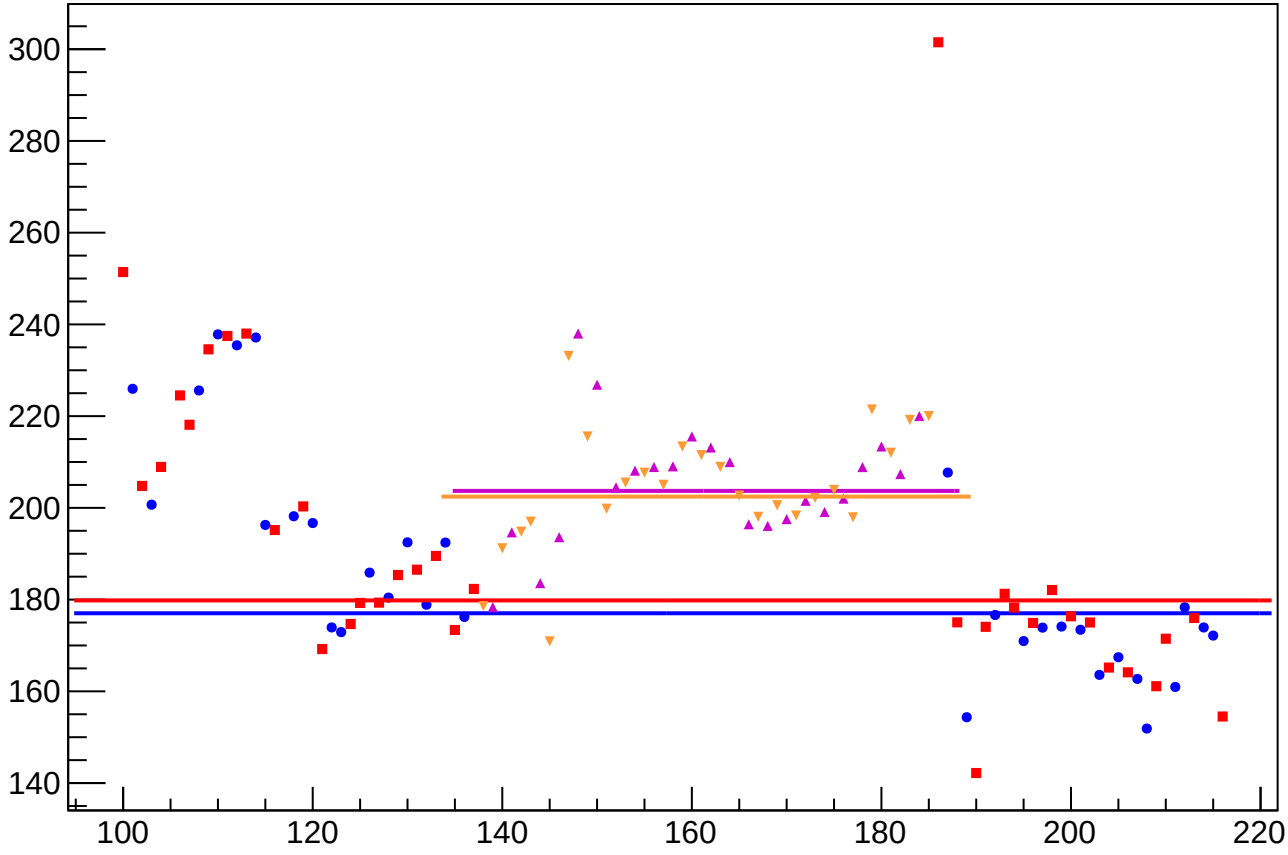
Left In: 217.964+/-48.819 χ^2/NDF:21.3/22

+ sign -117.509+/-31.687 χ^2/NDF: 89.2/56

All: -32.675+/-22.582 χ^2/NDF: 185.3/114

- sign 54.874+/-32.190 χ^2/NDF: 81.5/57

reg_asym_sam_26_dd_rms vs Slug



Right In: 177.022+/-0.030 χ^2/NDF: 361519.7/31

Left Out: 202.459+/-0.033 χ^2/NDF:158582.3/24

Right Out: 179.823+/-0.030 χ^2/NDF: 536401.4/34

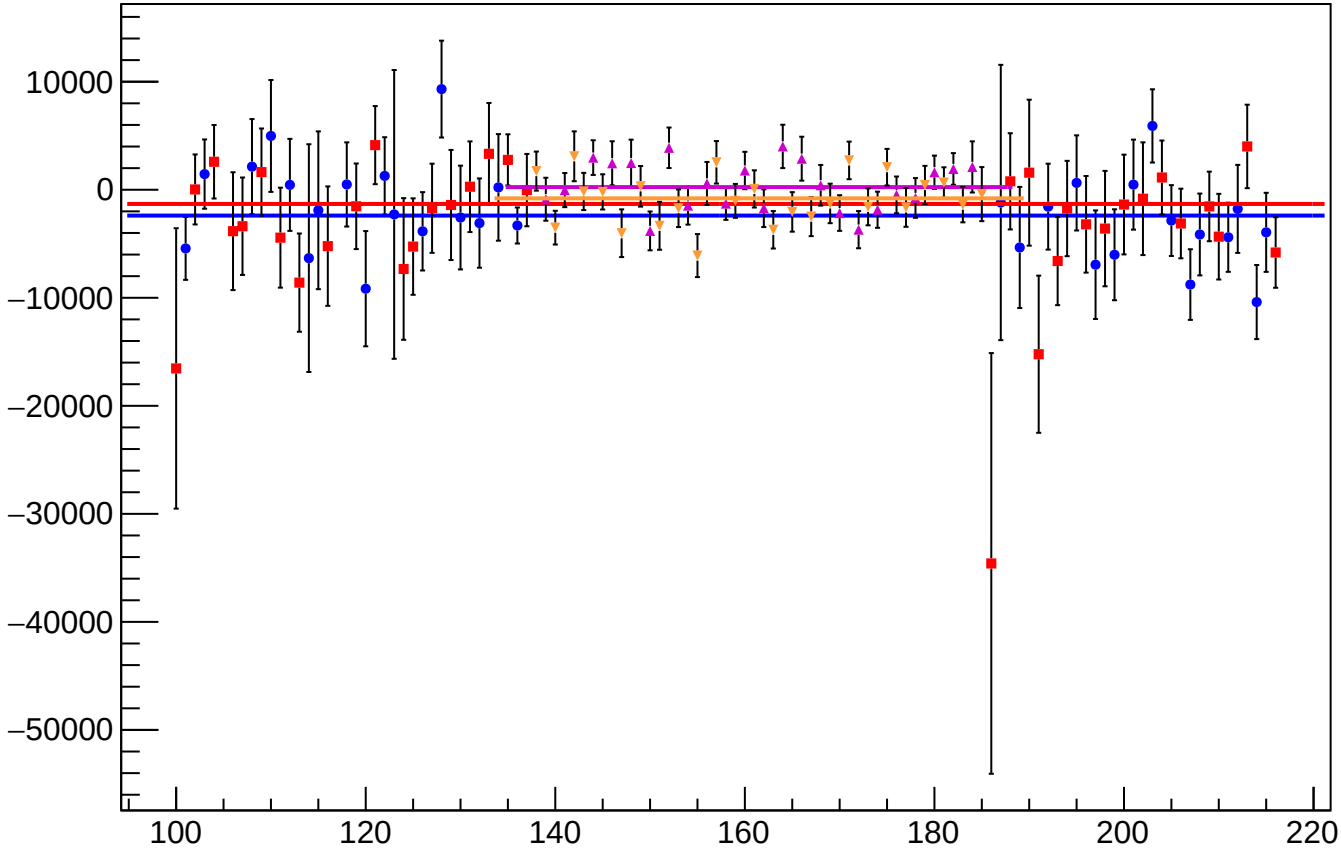
Left In: 203.699+/-0.035 χ^2/NDF:136193.4/22

+ sign 188.485+/-0.022 χ^2/NDF: 839155.0/56

All: 189.331+/-0.016 χ^2/NDF: 1785030.3/114

- sign 190.204+/-0.023 χ^2/NDF: 942979.4/57

asym_sam_26_dd_correction_mean vs Slug



Right In: -2391.085+/-679.112 χ^2/NDF: 35.9/31

Left Out: -796.528+/-357.851 χ^2/NDF:35.7/24

Right Out: -1314.181+/-704.179 χ^2/NDF: 29.7/34

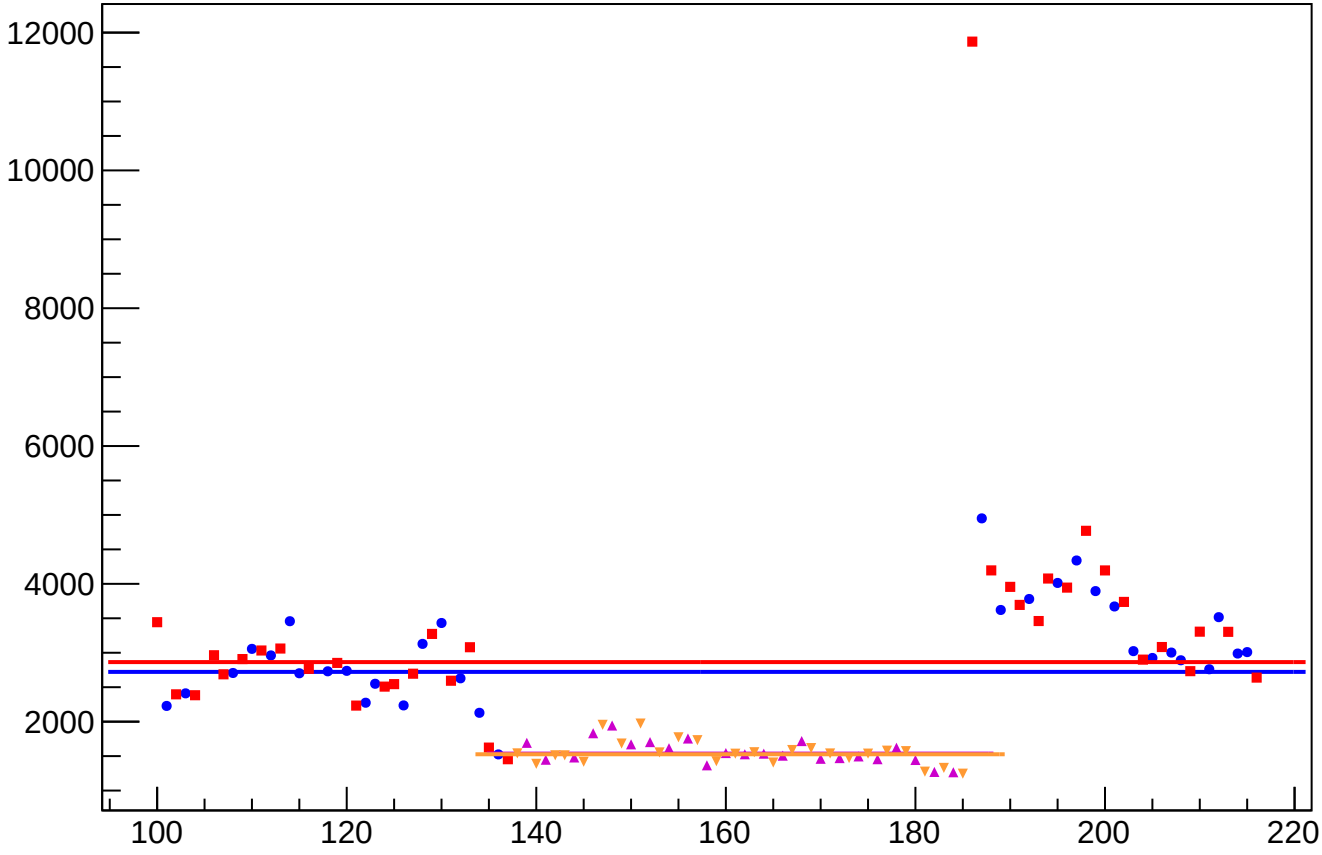
Left In: 245.102+/-369.846 χ^2/NDF:35.7/22

+ sign -1143.061+/-316.587 χ^2/NDF: 76.0/56

All: -635.239+/-227.598 χ^2/NDF: 150.6/114

- sign -92.030+/-327.432 χ^2/NDF: 69.3/57

asym_sam_26_dd_correction_rms vs Slug



Right In: 2722.214+/-0.480 χ^2/NDF: 2326692.5/31

Left Out: 1526.712+/-0.253 χ^2/NDF:394892.7/24

Right Out: 2864.416+/-0.498 χ^2/NDF: 2651323.6/34

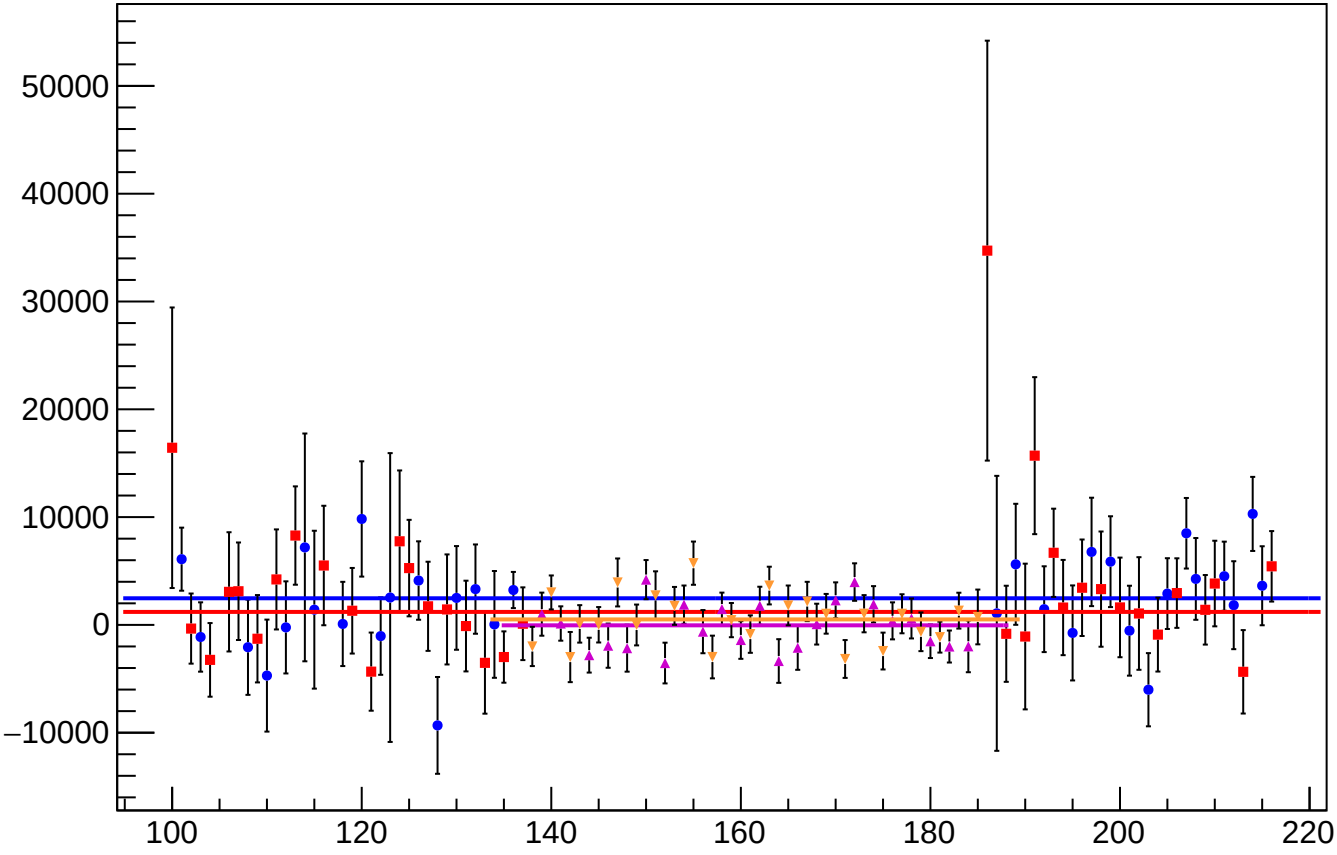
Left In: 1536.538+/-0.262 χ^2/NDF:350373.3/22

+ sign 1786.521+/-0.224 χ^2/NDF: 7572586.9/56

All: 1804.455+/-0.161 χ^2/NDF: 16161735.4/1

- sign 1823.638+/-0.232 χ^2/NDF: 8575865.8/57

asym_sam_26_dd_mean vs Slug



Right In: 2469.282+/-681.195 χ^2/NDF: 35.6/31

Left Out: 507.982+/-361.172 χ^2/NDF:35.4/24

Right Out: 1204.682+/-706.216 χ^2/NDF: 30.2/34

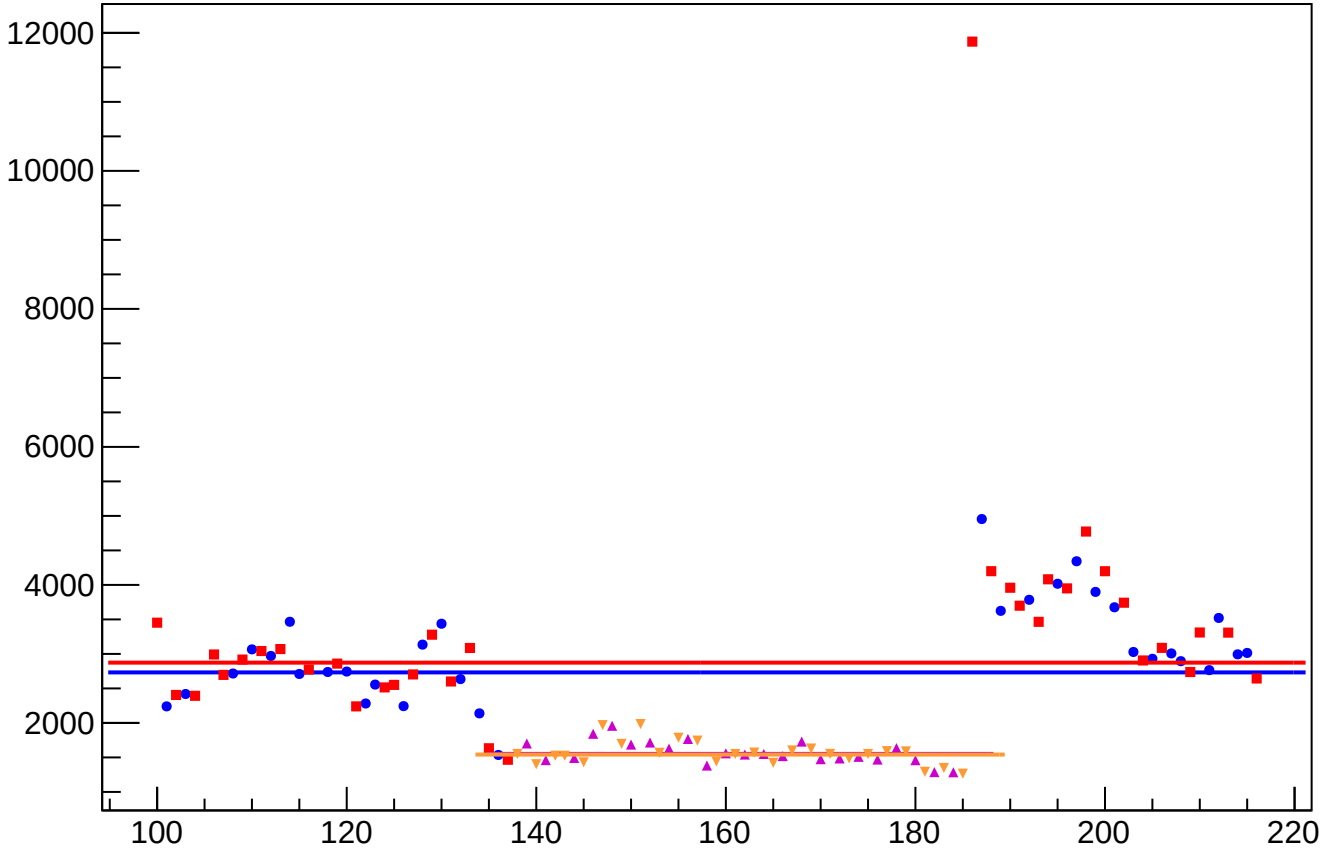
Left In: -40.080+/-373.261 χ^2/NDF:33.6/22

+ sign 938.351+/-319.095 χ^2/NDF: 77.4/56

All: 596.906+/-229.394 χ^2/NDF: 146.0/114

- sign 231.719+/-330.003 χ^2/NDF: 66.2/57

asym_sam_26_dd_rms vs Slug



Right In: 2732.052+/-0.482 χ^2/NDF: 2293583.1/31

Left Out: 1541.258+/-0.255 χ^2/NDF:382045.4/24

Right Out: 2873.634+/-0.499 χ^2/NDF: 2625560.1/34

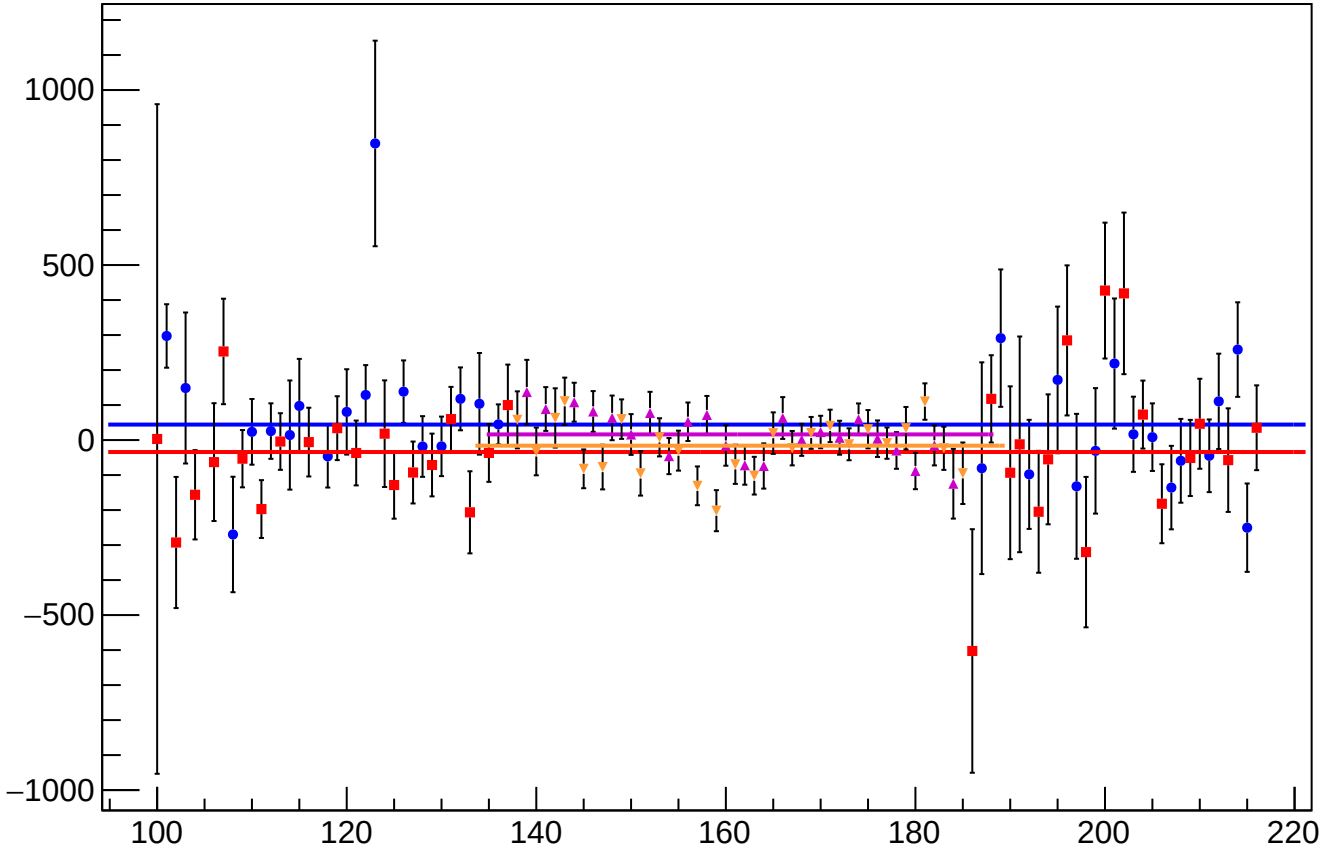
Left In: 1551.063+/-0.264 χ^2/NDF:338898.9/22

+ sign 1802.555+/-0.226 χ^2/NDF: 7446211.1/56

All: 1820.577+/-0.162 χ^2/NDF: 15906675.0/1

- sign 1839.851+/-0.233 χ^2/NDF: 8447261.5/57

reg_asym_sam_37_dd_mean vs Slug



Right In: 44.210+/-19.807 χ^2/NDF: 41.4/31

Left Out: -16.049+/-11.340 χ^2/NDF:39.7/24

Right Out: -34.158+/-20.124 χ^2/NDF: 39.8/34

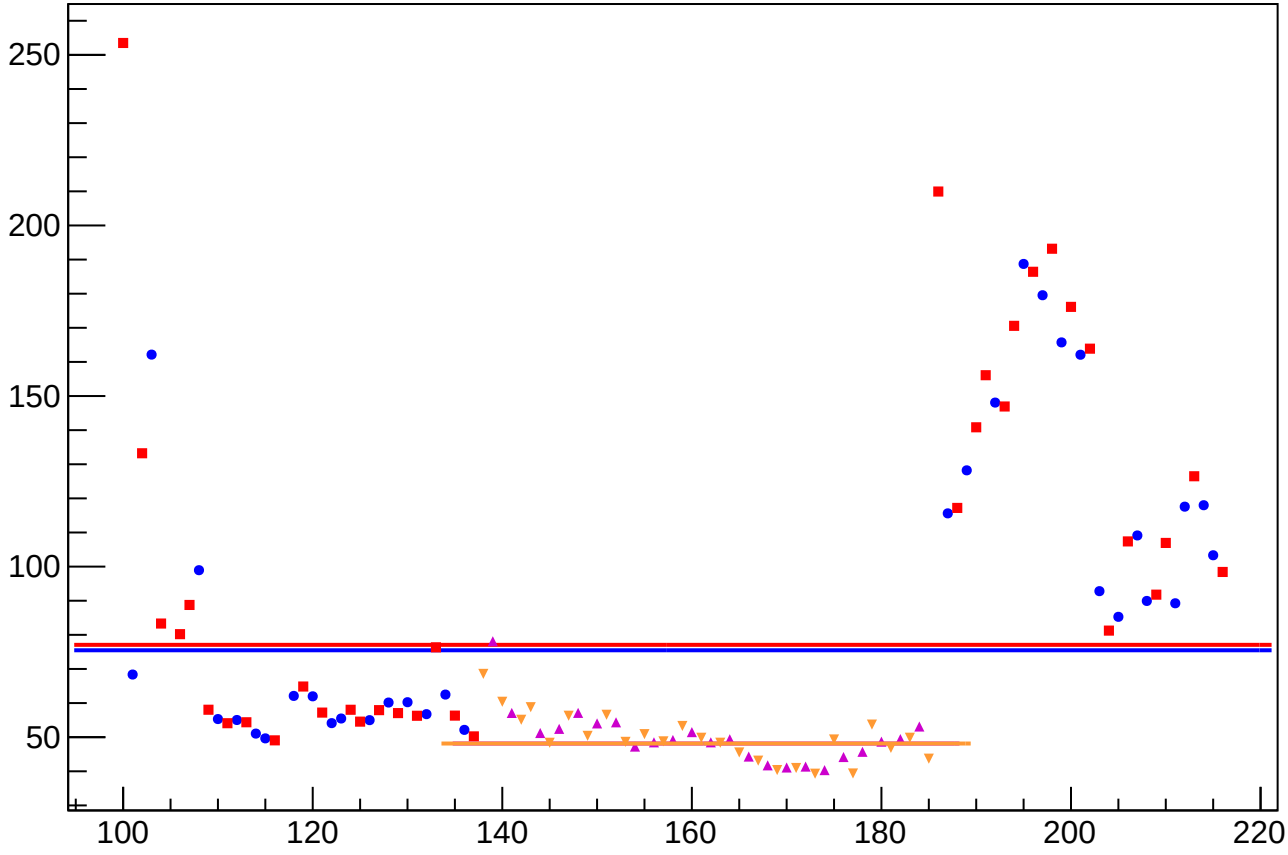
Left In: 16.162+/-11.649 χ^2/NDF:25.2/22

+ sign -1.174+/-9.841 χ^2/NDF: 88.1/56

All: 1.122+/-7.042 χ^2/NDF: 157.9/114

- sign 3.532+/-10.082 χ^2/NDF: 69.8/57

reg_asym_sam_37_dd_rms vs Slug



Right In: 75.474+/-0.014 χ^2/NDF: 5025666.3/31

Left Out: 48.141+/-0.008 χ^2/NDF:655250.3/24

Right Out: 77.068+/-0.014 χ^2/NDF: 5726274.1/34

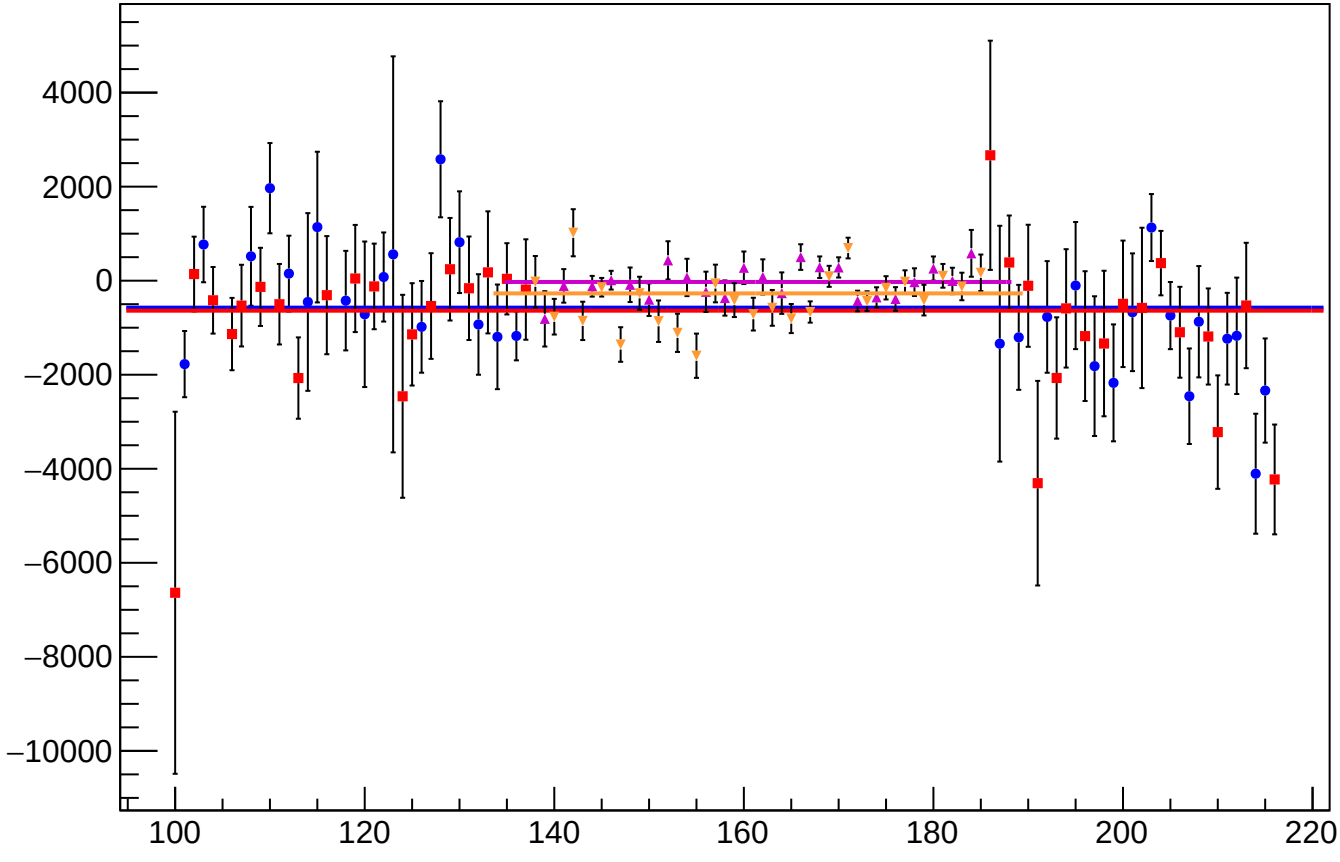
Left In: 48.139+/-0.008 χ^2/NDF:575025.5/22

+ sign 54.888+/-0.007 χ^2/NDF: 8549384.9/56

All: 55.138+/-0.005 χ^2/NDF: 17949009.1/114

- sign 55.400+/-0.007 χ^2/NDF: 9396983.5/57

asym_sam_37_dd_correction_mean vs Slug



Right In: -573.403+/-179.923 χ^2/NDF: 49.5/31

Left Out: -270.214+/-60.177 χ^2/NDF:70.1/24

Right Out: -637.878+/-178.653 χ^2/NDF: 35.2/34

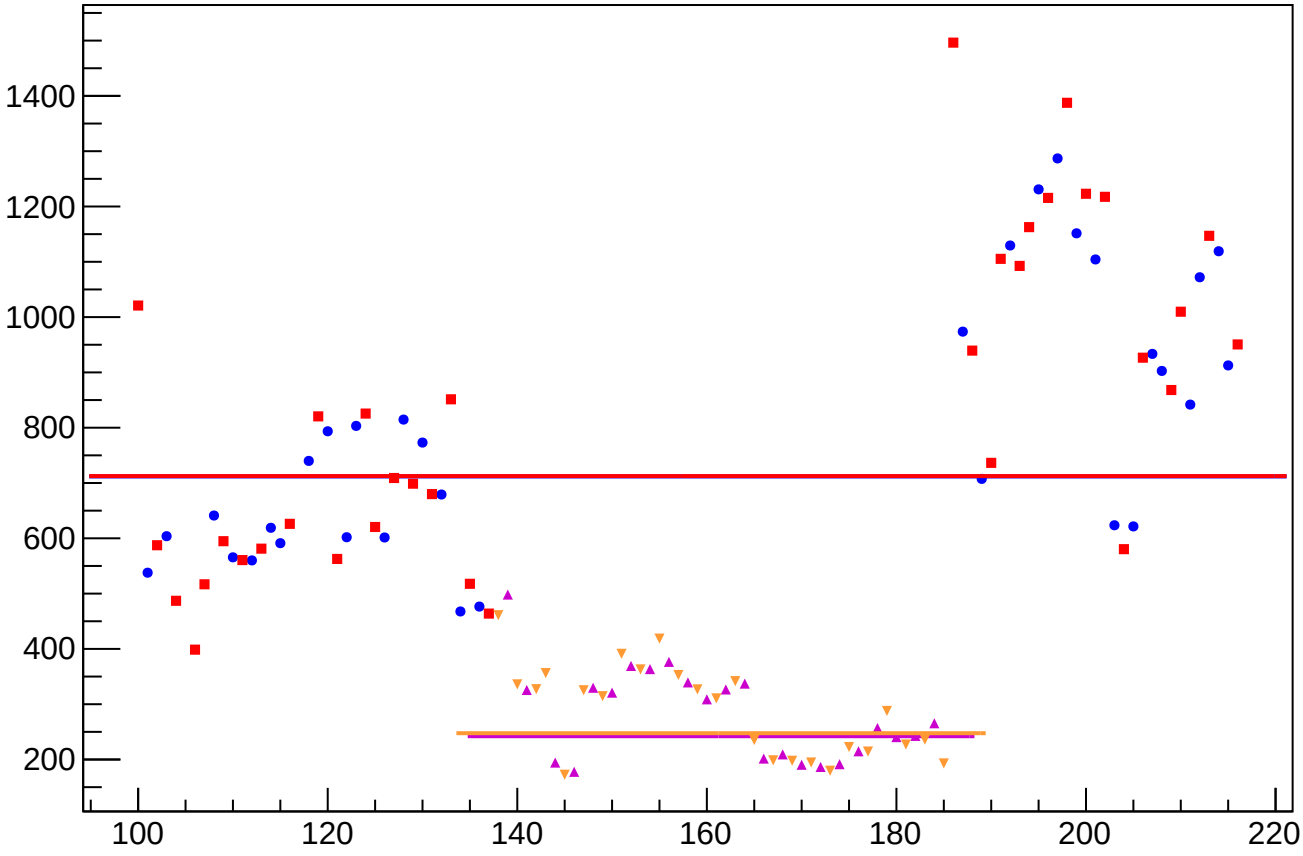
Left In: -27.271+/-60.430 χ^2/NDF:25.1/22

+ sign -300.718+/-57.070 χ^2/NDF: 122.2/56

All: -195.661+/-40.416 χ^2/NDF: 199.7/114

- sign -89.962+/-57.244 χ^2/NDF: 70.7/57

asym_sam_37_dd_correction_rms vs Slug



Right In: 711.874+/-0.127 χ^2/NDF: 2883905.1/31

Left Out: 247.570+/-0.043 χ^2/NDF:2780931.0/24

Right Out: 712.490+/-0.126 χ^2/NDF: 3765782.3/34

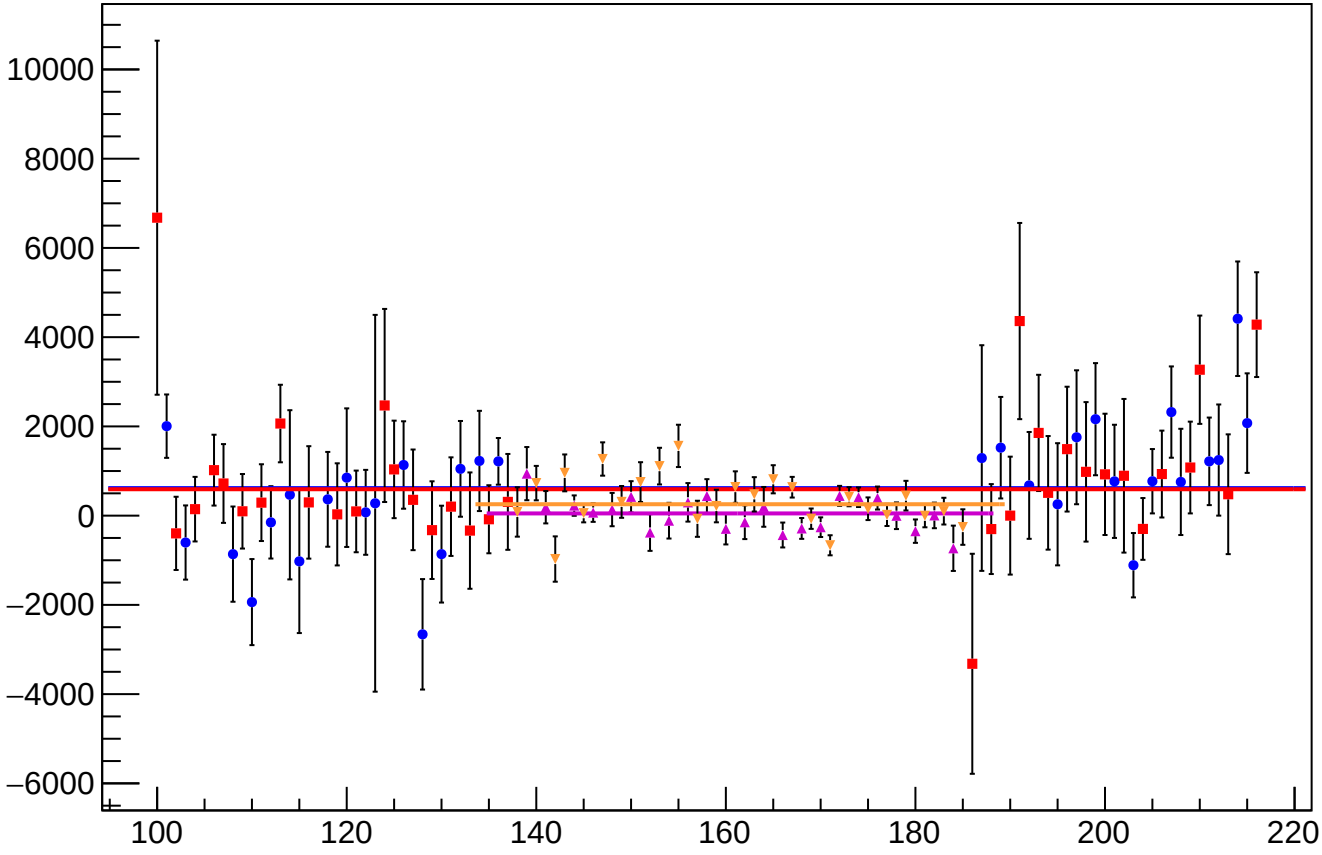
Left In: 242.117+/-0.043 χ^2/NDF:2466108.9/22

+ sign 294.284+/-0.040 χ^2/NDF: 17643522.9/56

All: 292.353+/-0.029 χ^2/NDF: 36320808.6/11

- sign 290.410+/-0.040 χ^2/NDF: 18672691.1/57

asym_sam_37_dd_mean vs Slug



Right In: 616.696+/-181.531 χ^2/NDF: 50.7/31

Left Out: 255.995+/-61.418 χ^2/NDF:63.6/24

Right Out: 591.831+/-180.562 χ^2/NDF: 36.3/34

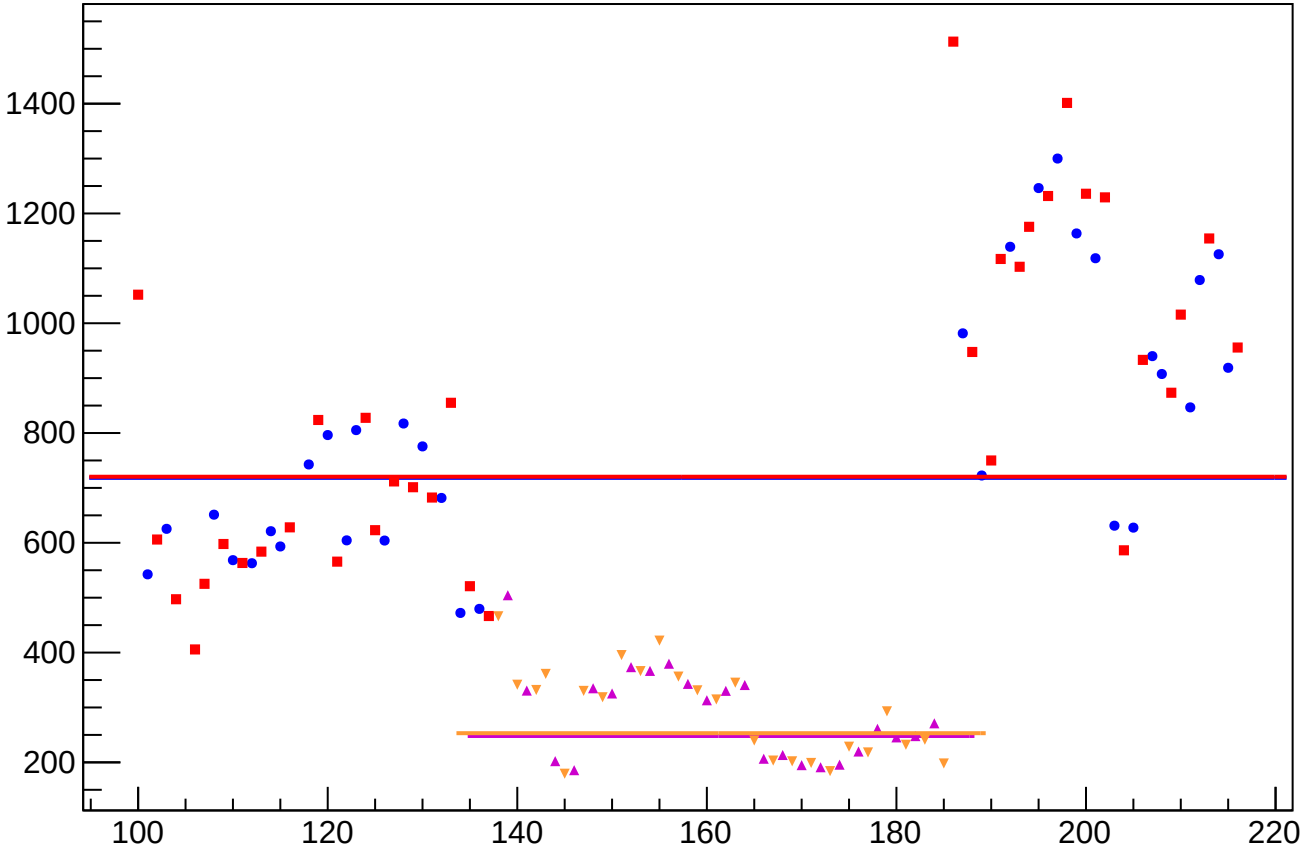
Left In: 49.832+/-61.781 χ^2/NDF:27.5/22

+ sign 293.044+/-58.179 χ^2/NDF: 117.9/56

All: 200.280+/-41.236 χ^2/NDF: 194.8/114

- sign 106.635+/-58.454 χ^2/NDF: 71.9/57

asym_sam_37_dd_rms vs Slug



Right In: 718.325+/-0.128 χ^2/NDF: 2880637.8/31

Left Out: 253.137+/-0.043 χ^2/NDF:2665975.8/24

Right Out: 720.346+/-0.128 χ^2/NDF: 3727187.7/34

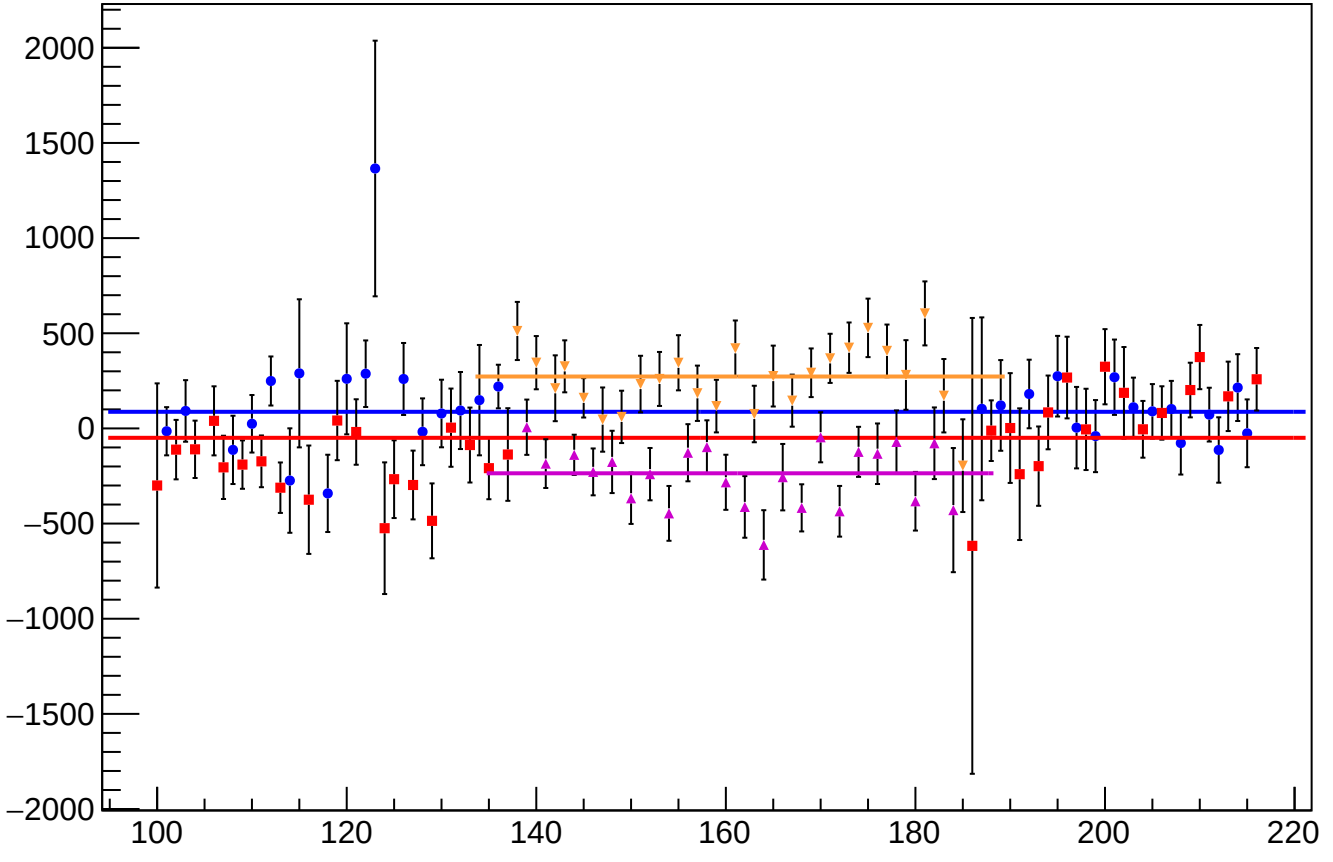
Left In: 248.069+/-0.044 χ^2/NDF:2343295.0/22

+ sign 300.918+/-0.041 χ^2/NDF: 17331227.1/56

All: 299.249+/-0.029 χ^2/NDF: 35653650.4/11

- sign 297.565+/-0.041 χ^2/NDF: 18319117.6/57

reg_asym_sam_48_dd_mean vs Slug



Right In: 87.316+/-31.600 χ^2/NDF: 23.8/31

Left Out: 272.684+/-29.221 χ^2/NDF:27.4/24

Right Out: -49.398+/-31.116 χ^2/NDF: 43.8/34

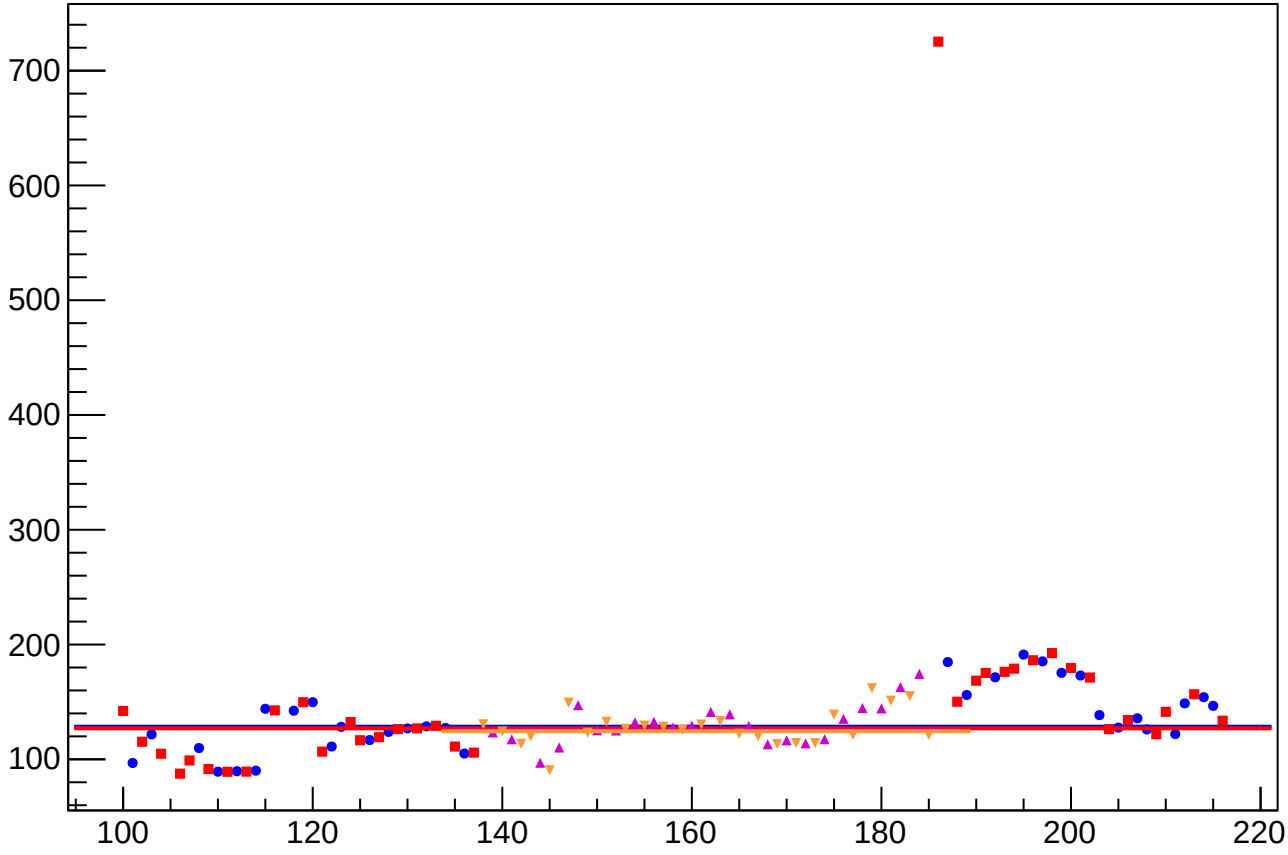
Left In: -235.801+/-30.232 χ^2/NDF:24.6/22

+ sign 187.239+/-21.454 χ^2/NDF: 69.8/56

All: 22.739+/-15.251 χ^2/NDF: 275.5/114

- sign -145.286+/-21.683 χ^2/NDF: 86.9/57

reg_asym_sam_48_dd_rms vs Slug



Right In: 128.414+/-0.022 χ^2/NDF: 1459021.6/31

Left Out: 124.429+/-0.021 χ^2/NDF:539731.8/24

Right Out: 126.984+/-0.022 χ^2/NDF: 2287518.4/34

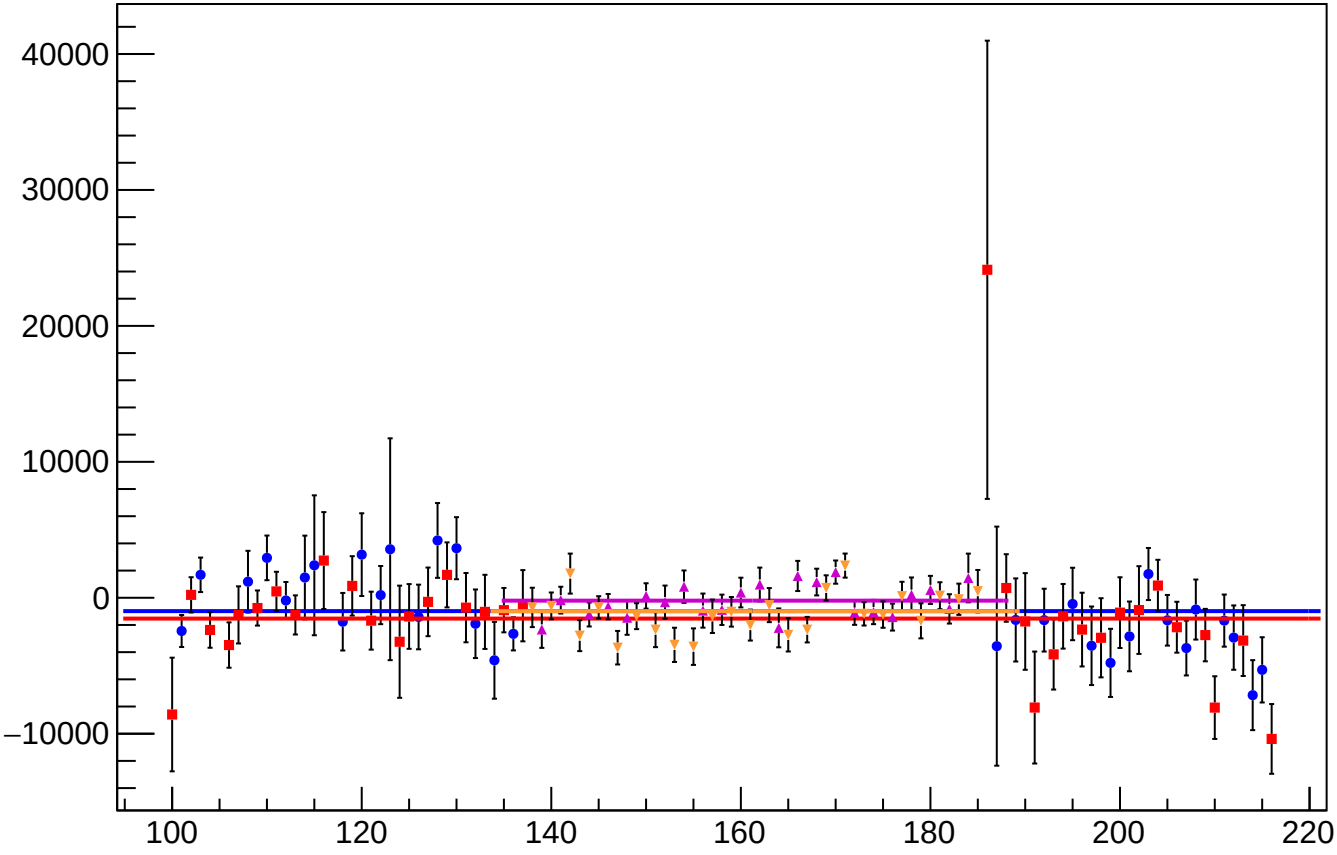
Left In: 125.205+/-0.021 χ^2/NDF:501388.2/22

+ sign 126.266+/-0.015 χ^2/NDF: 2015901.0/56

All: 126.168+/-0.011 χ^2/NDF: 4808253.3/114

- sign 126.069+/-0.015 χ^2/NDF: 2792269.0/57

asym_sam_48_dd_correction_mean vs Slug



Right In: -981.541+/-370.731 χ^2/NDF: 45.6/31

Left Out: -982.839+/-218.021 χ^2/NDF:47.2/24

Right Out: -1530.734+/-360.083 χ^2/NDF: 43.6/34

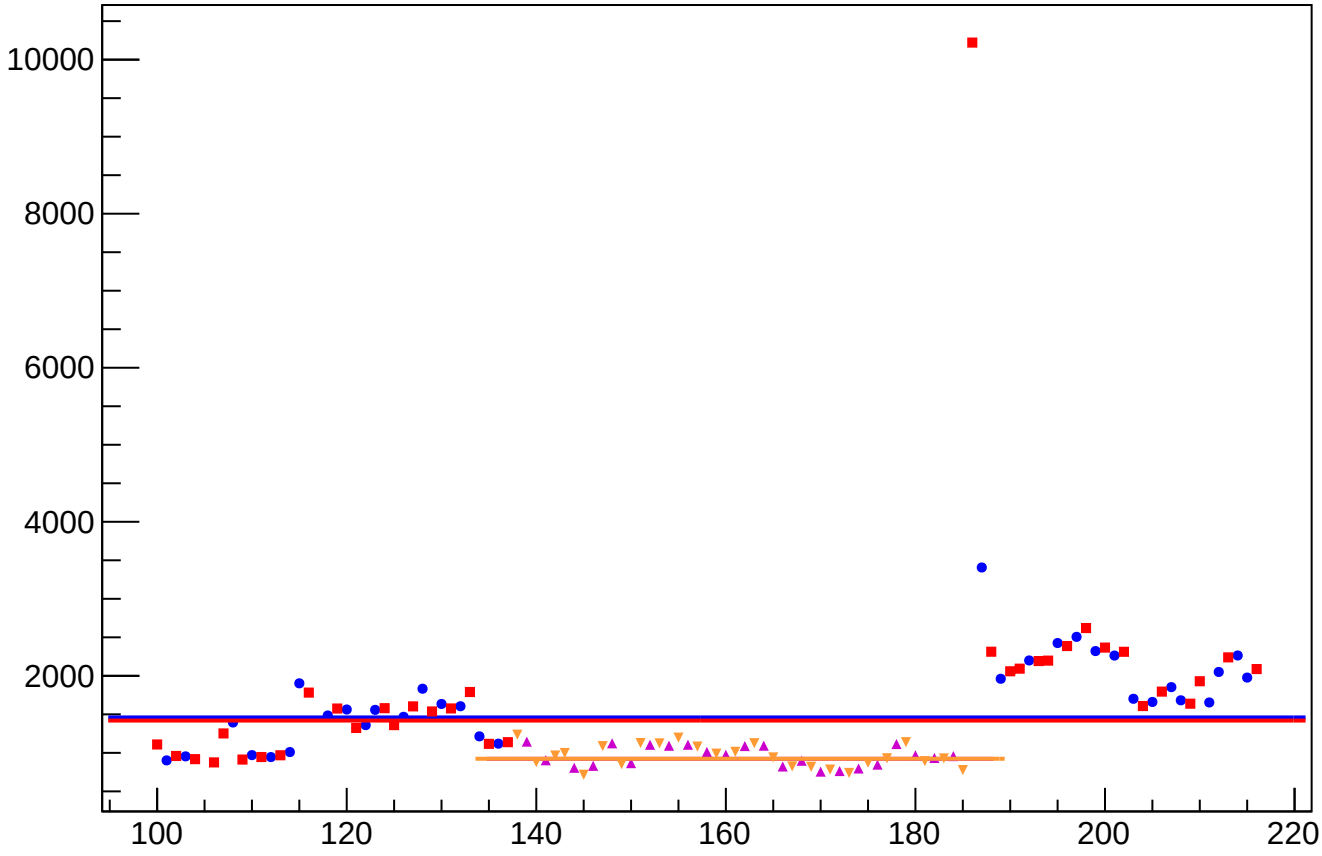
Left In: -211.420+/-223.296 χ^2/NDF:25.7/22

+ sign -982.505+/-187.932 χ^2/NDF: 92.8/56

All: -782.148+/-133.533 χ^2/NDF: 174.1/114

- sign -577.855+/-189.770 χ^2/NDF: 79.0/57

asym_sam_48_dd_correction_rms vs Slug



Right In: 1459.833+/-0.262 χ^2/NDF: 3420271.8/31

Left Out: 923.586+/-0.154 χ^2/NDF:842758.6/24

Right Out: 1419.377+/-0.255 χ^2/NDF: 4575539.2/34

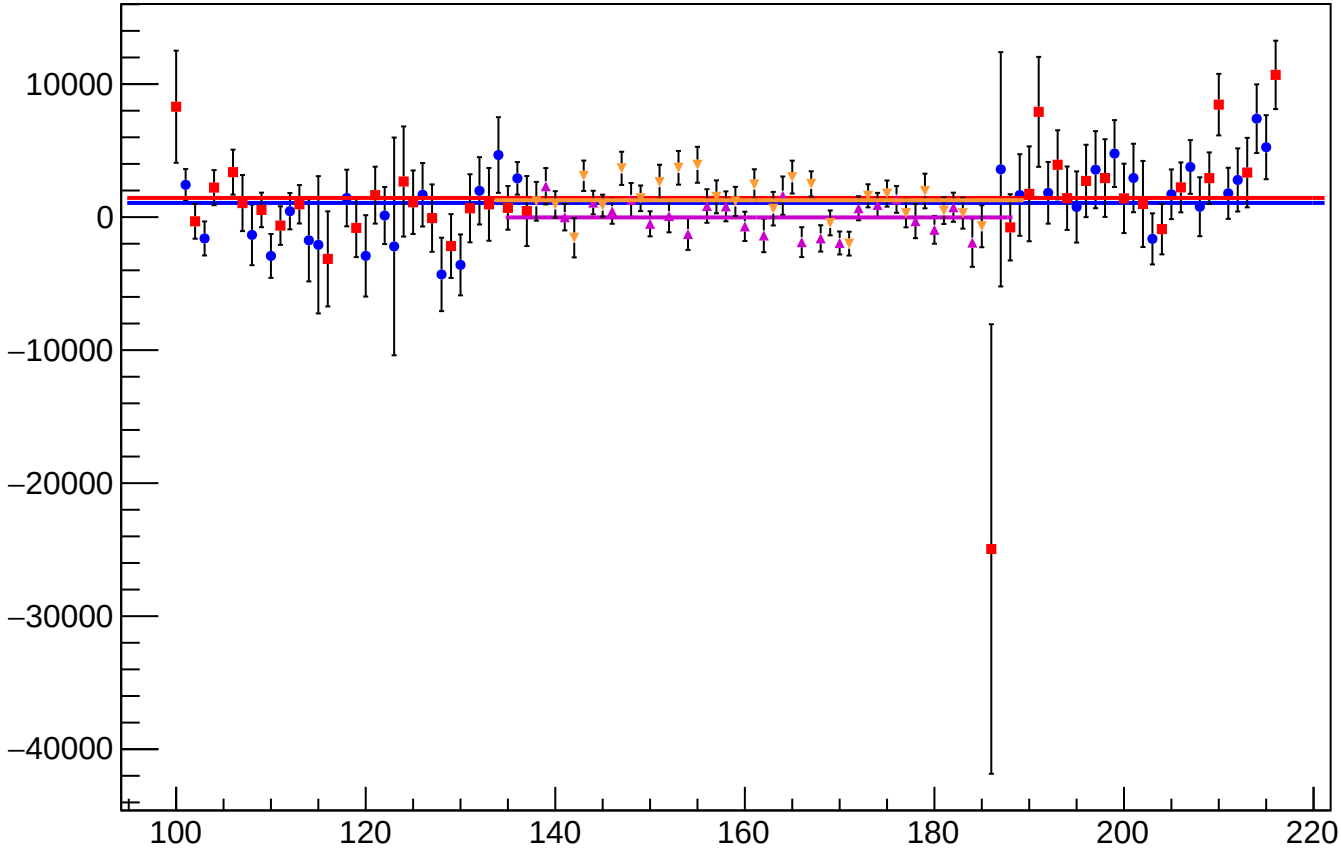
Left In: 922.245+/-0.158 χ^2/NDF:634712.1/22

+ sign 1061.386+/-0.133 χ^2/NDF: 7372214.2/56

All: 1060.859+/-0.094 χ^2/NDF: 15335825.9/1

- sign 1060.322+/-0.134 χ^2/NDF: 7963579.9/57

asym_sam_48_dd_mean vs Slug



Right In: 1066.082+/-372.285 χ^2/NDF: 45.4/31

Left Out: 1267.344+/-220.133 χ^2/NDF:44.9/24

Right Out: 1441.568+/-361.760 χ^2/NDF: 46.8/34

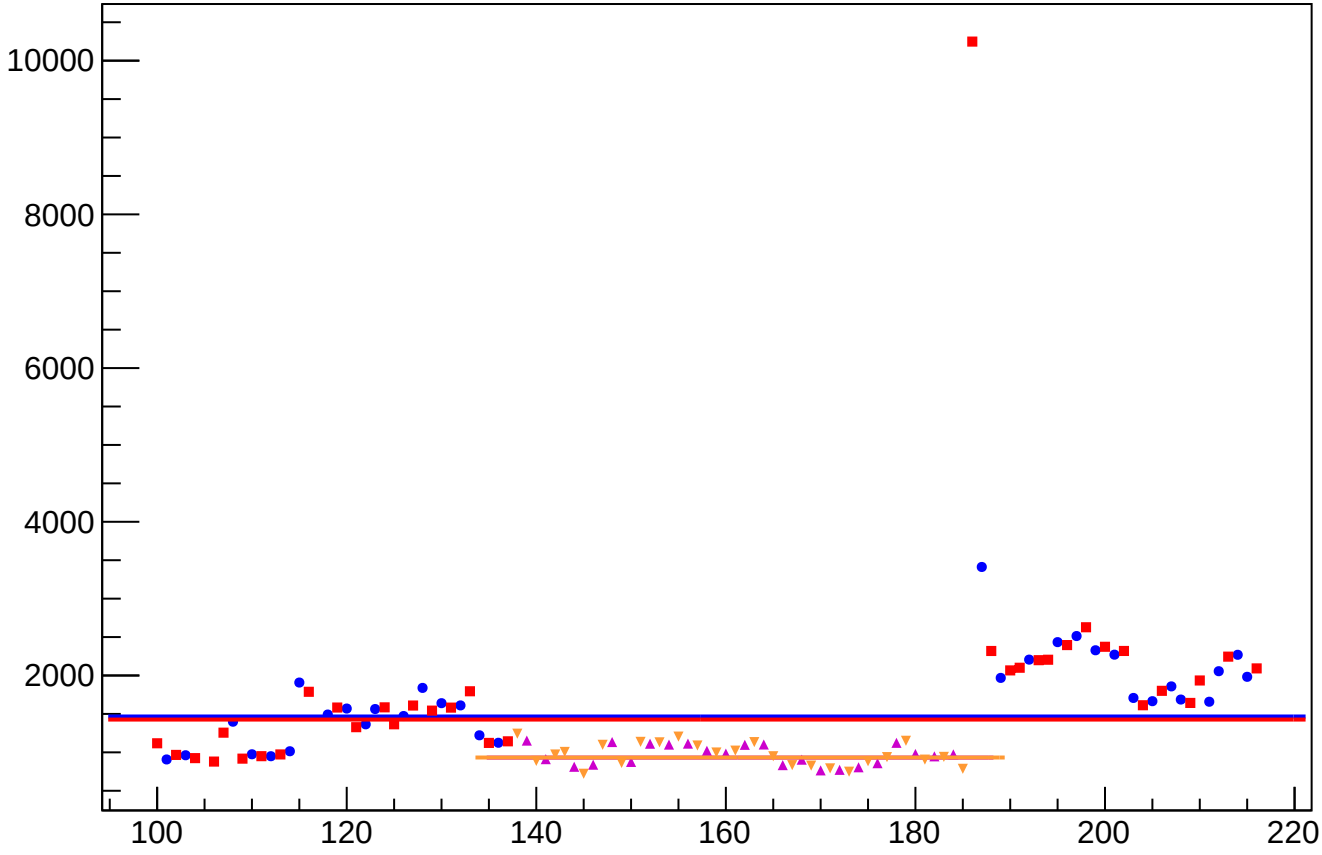
Left In: -23.478+/-225.490 χ^2/NDF:27.2/22

+ sign 1215.205+/-189.486 χ^2/NDF: 90.6/56

All: 804.909+/-134.645 χ^2/NDF: 185.8/114

- sign 386.456+/-191.360 χ^2/NDF: 85.8/57

asym_sam_48_dd_rms vs Slug



Right In: 1466.524+/-0.263 χ^2/NDF: 3397401.9/31

Left Out: 932.764+/-0.156 χ^2/NDF:829798.4/24

Right Out: 1426.459+/-0.256 χ^2/NDF: 4547622.3/34

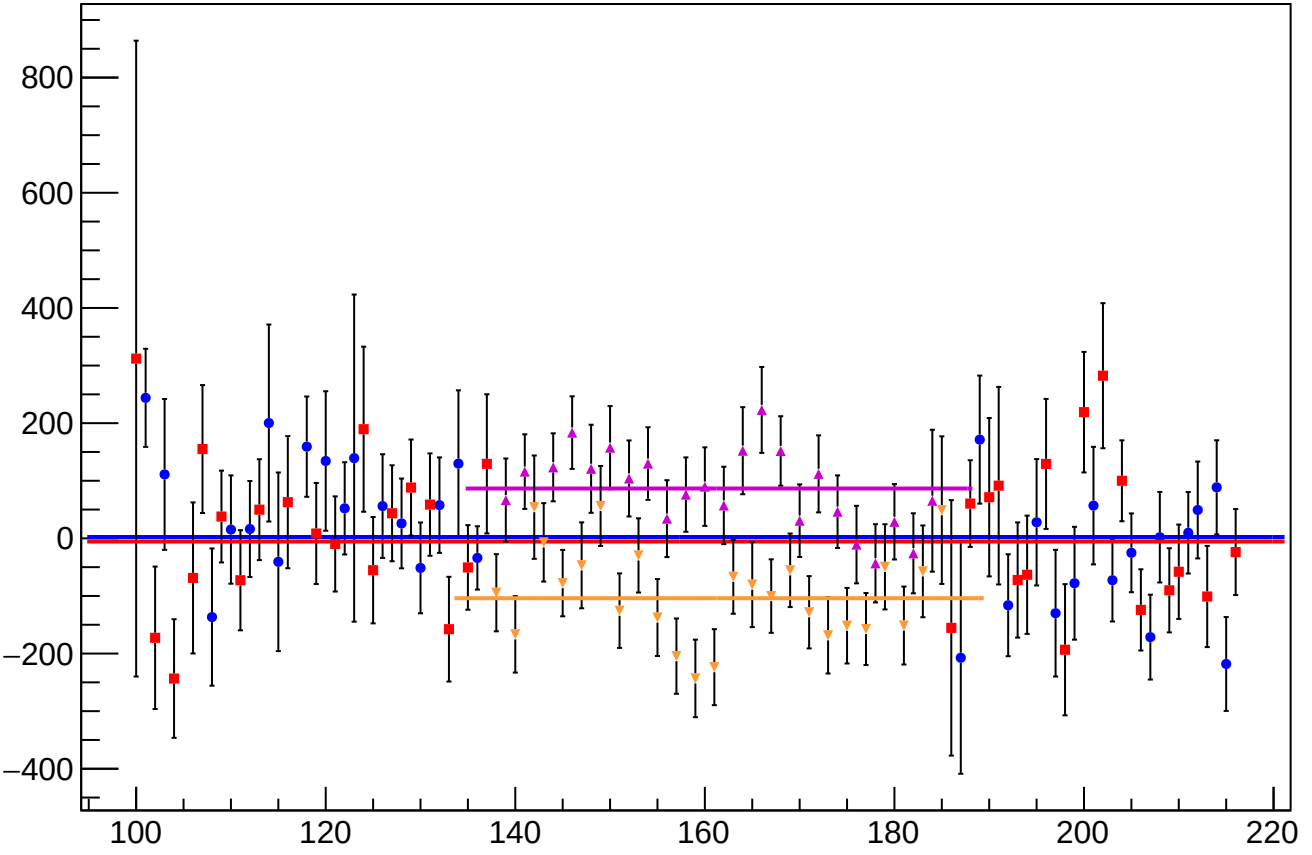
Left In: 931.493+/-0.159 χ^2/NDF:624436.4/22

+ sign 1071.040+/-0.134 χ^2/NDF: 7273364.3/56

All: 1070.520+/-0.095 χ^2/NDF: 15141877.9/1

- sign 1069.989+/-0.135 χ^2/NDF: 7868483.0/57

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 2.344+/-15.910 χ^2/NDF: 42.6/31

Left Out: -103.899+/-13.642 χ^2/NDF:30.0/24

Right Out: -5.486+/-16.078 χ^2/NDF: 44.9/34

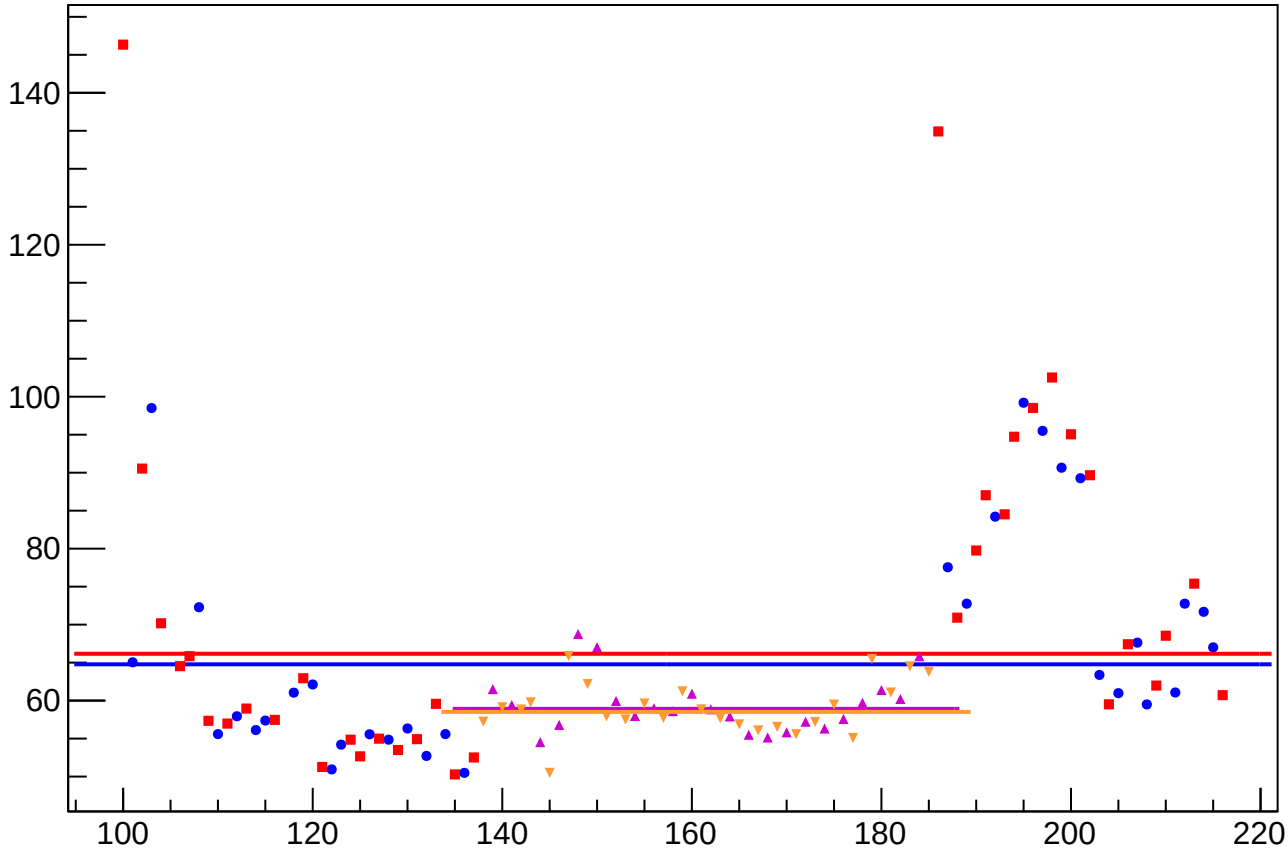
Left In: 86.542+/-14.120 χ^2/NDF:21.4/22

+ sign -58.884+/-10.356 χ^2/NDF: 98.3/56

All: -7.478+/-7.411 χ^2/NDF: 233.5/114

- sign 46.470+/-10.609 χ^2/NDF: 84.7/57

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 64.776+/-0.011 χ^2/NDF: 1294997.6/31

Left Out: 58.513+/-0.010 χ^2/NDF:123221.6/24

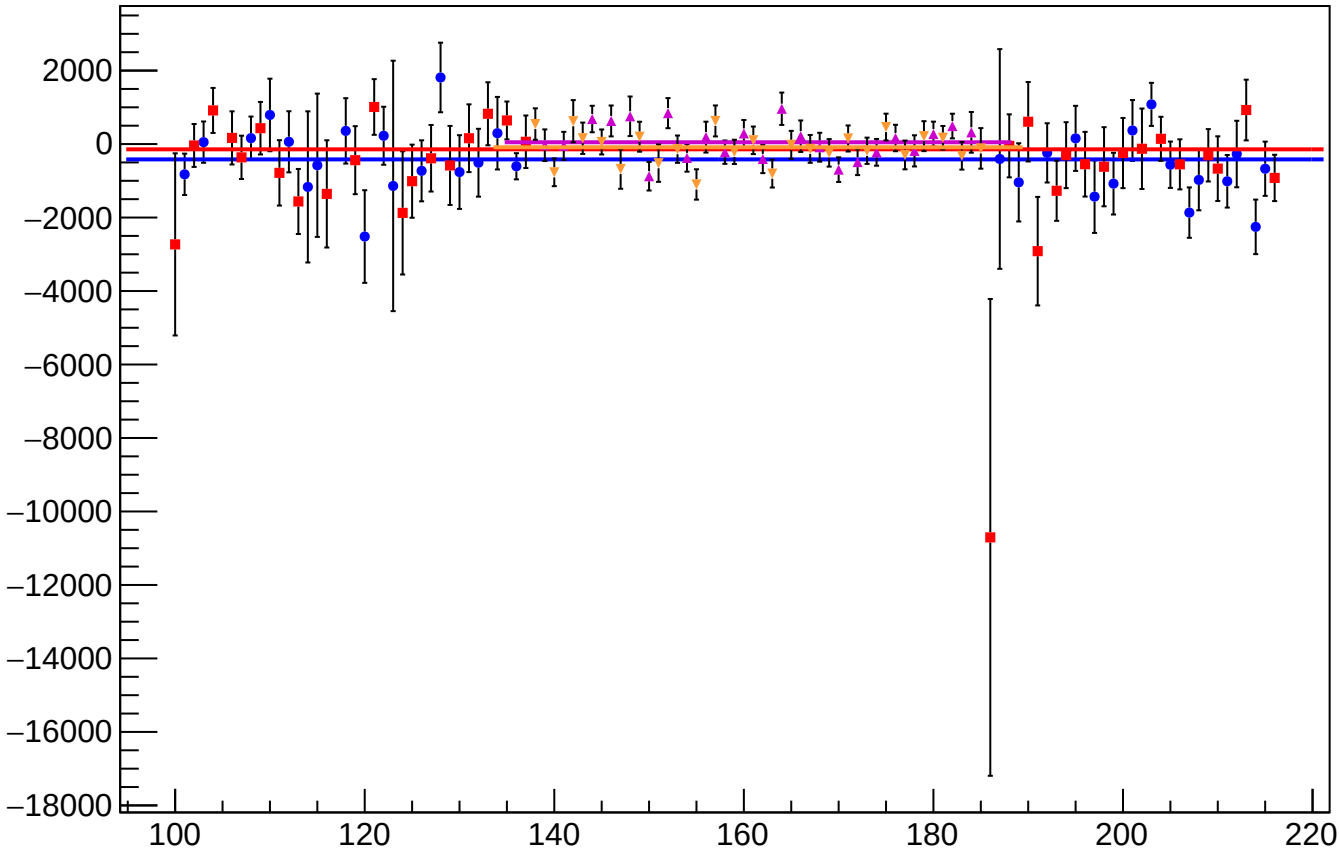
Right Out: 66.166+/-0.011 χ^2/NDF: 1683527.9/34

Left In: 58.913+/-0.010 χ^2/NDF:109968.0/22

+ sign 61.167+/-0.007 χ^2/NDF: 1596838.6/56

All: 61.608+/-0.005 χ^2/NDF: 3627533.1/114

- sign 62.071+/-0.008 χ^2/NDF: 2023248.0/57



Right In: -417.381+/-137.428 χ^2/NDF: 36.9/31

Left Out: -87.459+/-78.556 χ^2/NDF:27.7/24

Right Out: -143.317+/-138.899 χ^2/NDF: 30.3/34

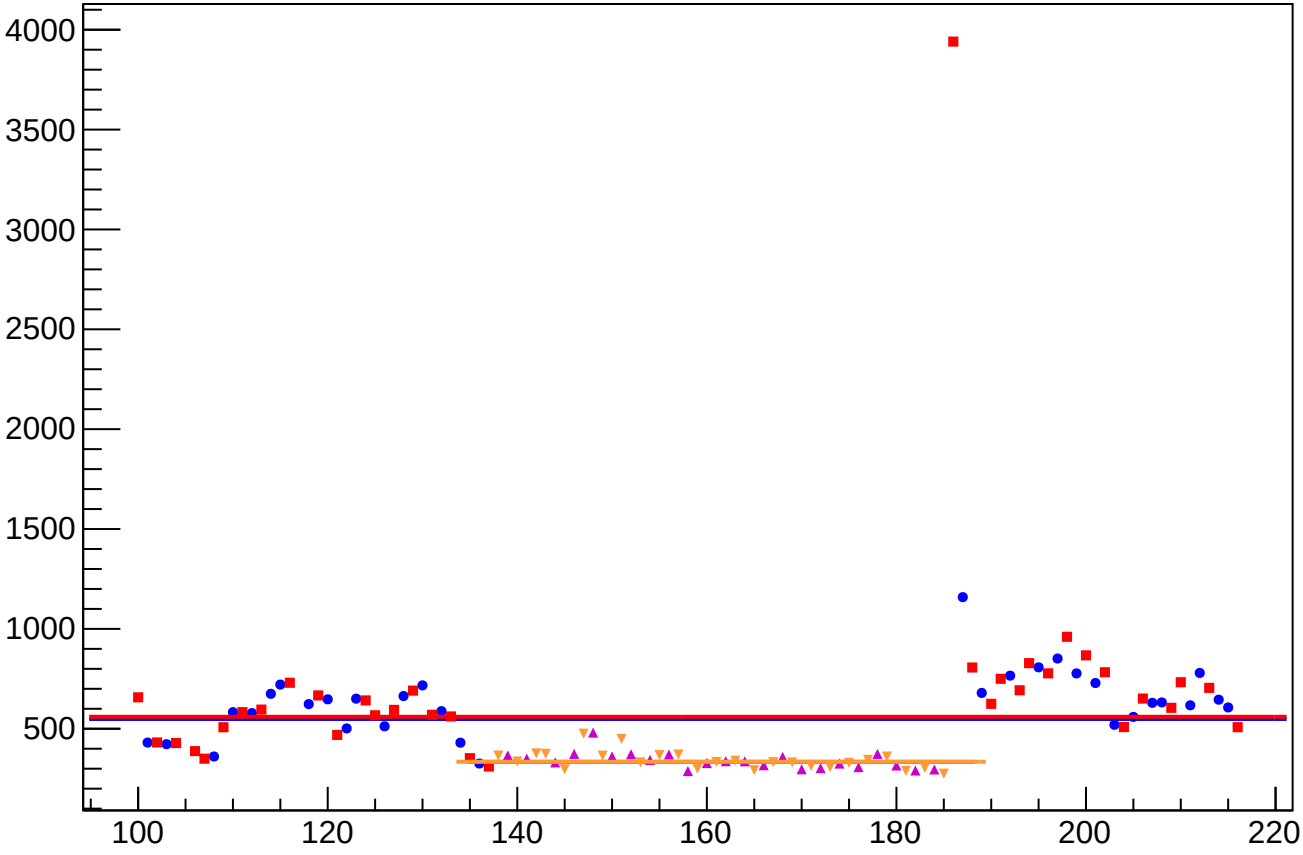
Left In: 48.742+/-80.548 χ^2/NDF:35.3/22

+ sign -168.711+/-68.201 χ^2/NDF: 68.9/56

All: -85.964+/-48.739 χ^2/NDF: 139.0/114

- sign 0.409+/-69.679 χ^2/NDF: 67.1/57

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 549.055+/-0.097 χ^2/NDF: 2469178.2/31

Left Out: 334.749+/-0.056 χ^2/NDF:491370.4/24

Right Out: 559.880+/-0.098 χ^2/NDF: 3141417.9/34

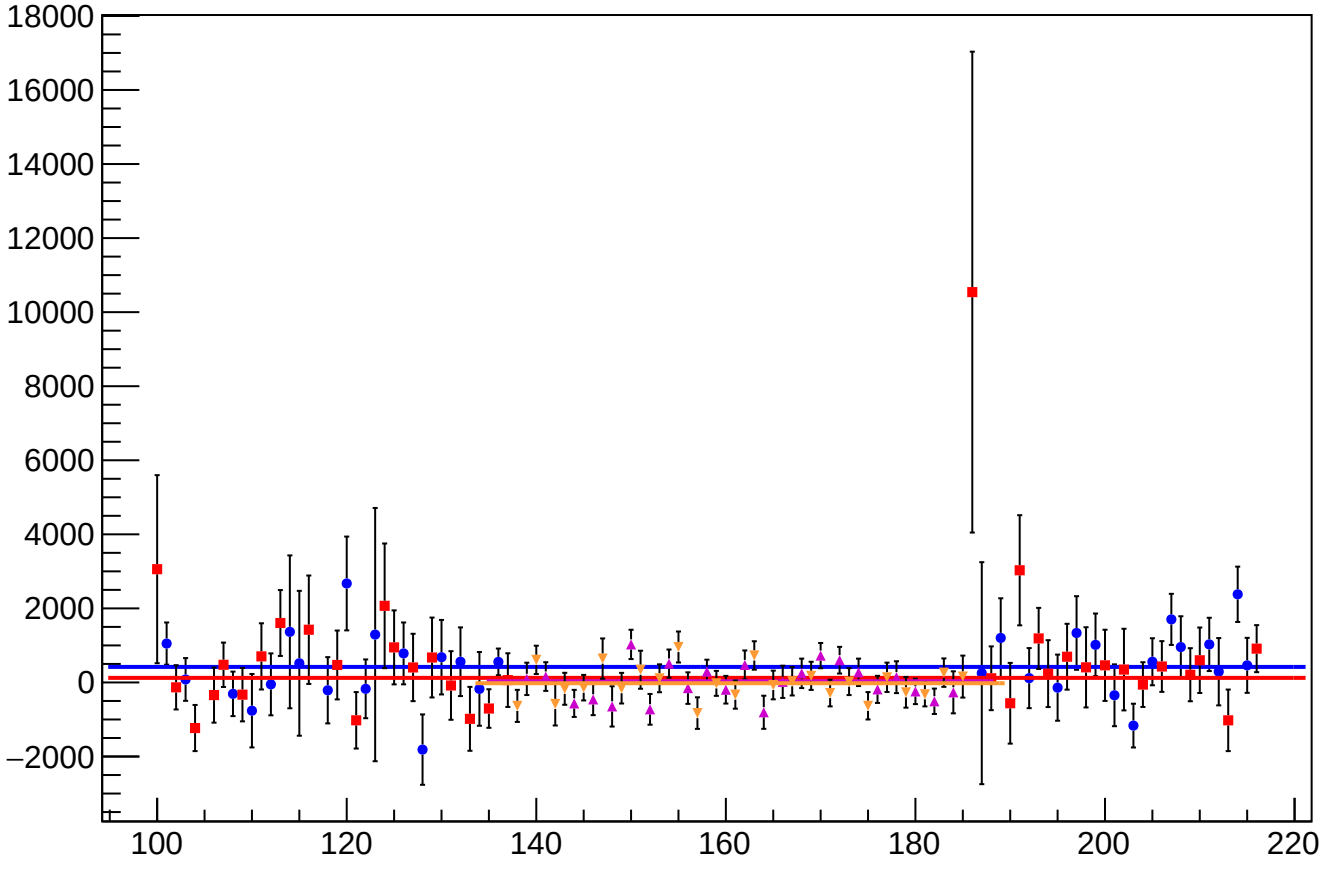
Left In: 334.147+/-0.057 χ^2/NDF:397200.6/22

+ sign 387.527+/-0.048 χ^2/NDF: 6626280.2/56

All: 389.204+/-0.034 χ^2/NDF: 14120364.2/11

- sign 390.954+/-0.049 χ^2/NDF: 7491613.4/57

asym_sam_13_57_dd_mean vs Slug



Right In: 419.614+/-138.718 χ^2/NDF: 37.6/31

Left Out: -20.895+/-79.812 χ^2/NDF:27.2/24

Right Out: 123.842+/-140.271 χ^2/NDF: 33.5/34

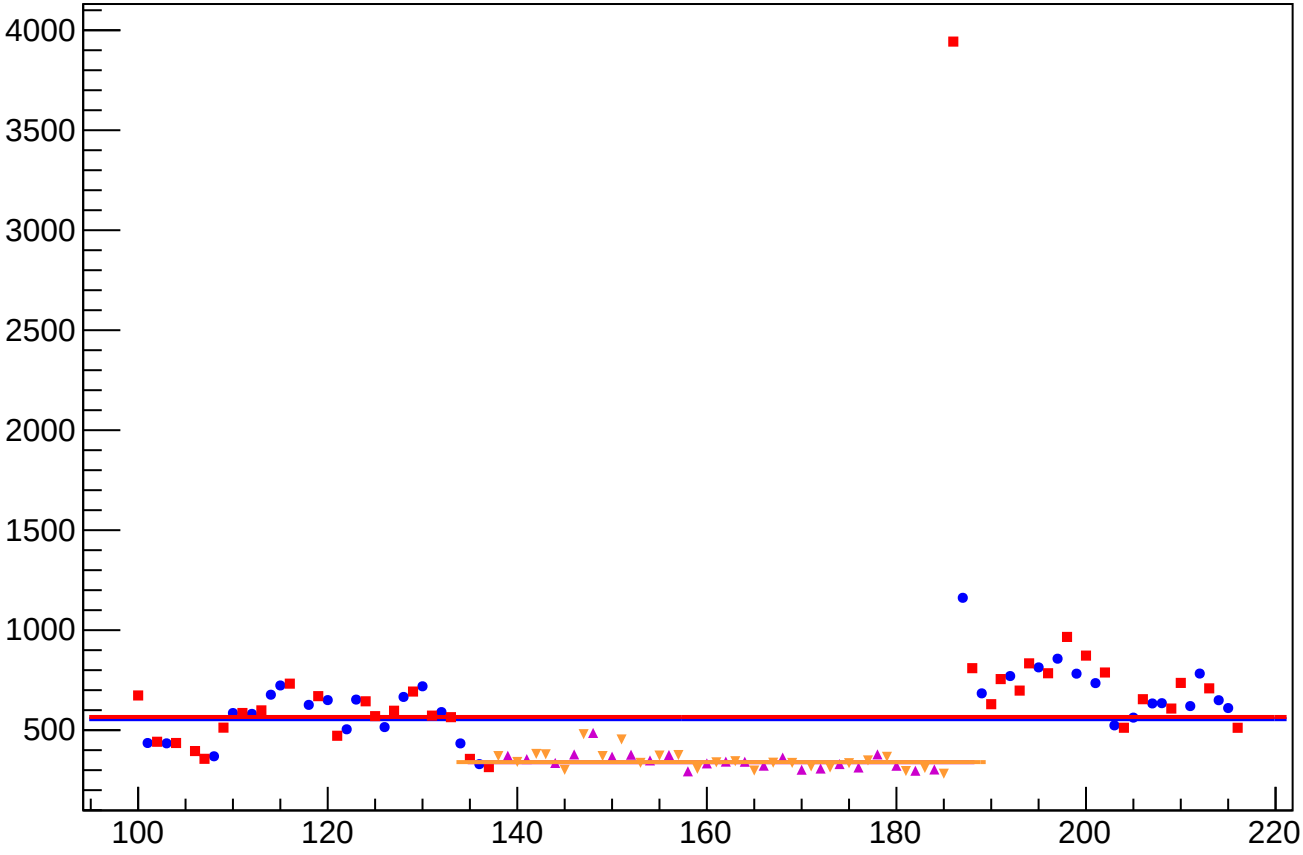
Left In: 31.800+/-81.839 χ^2/NDF:34.0/22

+ sign 88.660+/-69.179 χ^2/NDF: 72.4/56

All: 72.279+/-49.442 χ^2/NDF: 140.4/114

- sign 55.174+/-70.688 χ^2/NDF: 67.9/57

asym_sam_13_57_dd_rms vs Slug



Right In: 554.845+/-0.098 χ^2/NDF: 2400330.6/31

Left Out: 340.238+/-0.056 χ^2/NDF:468863.6/24

Right Out: 565.968+/-0.099 χ^2/NDF: 3071264.9/34

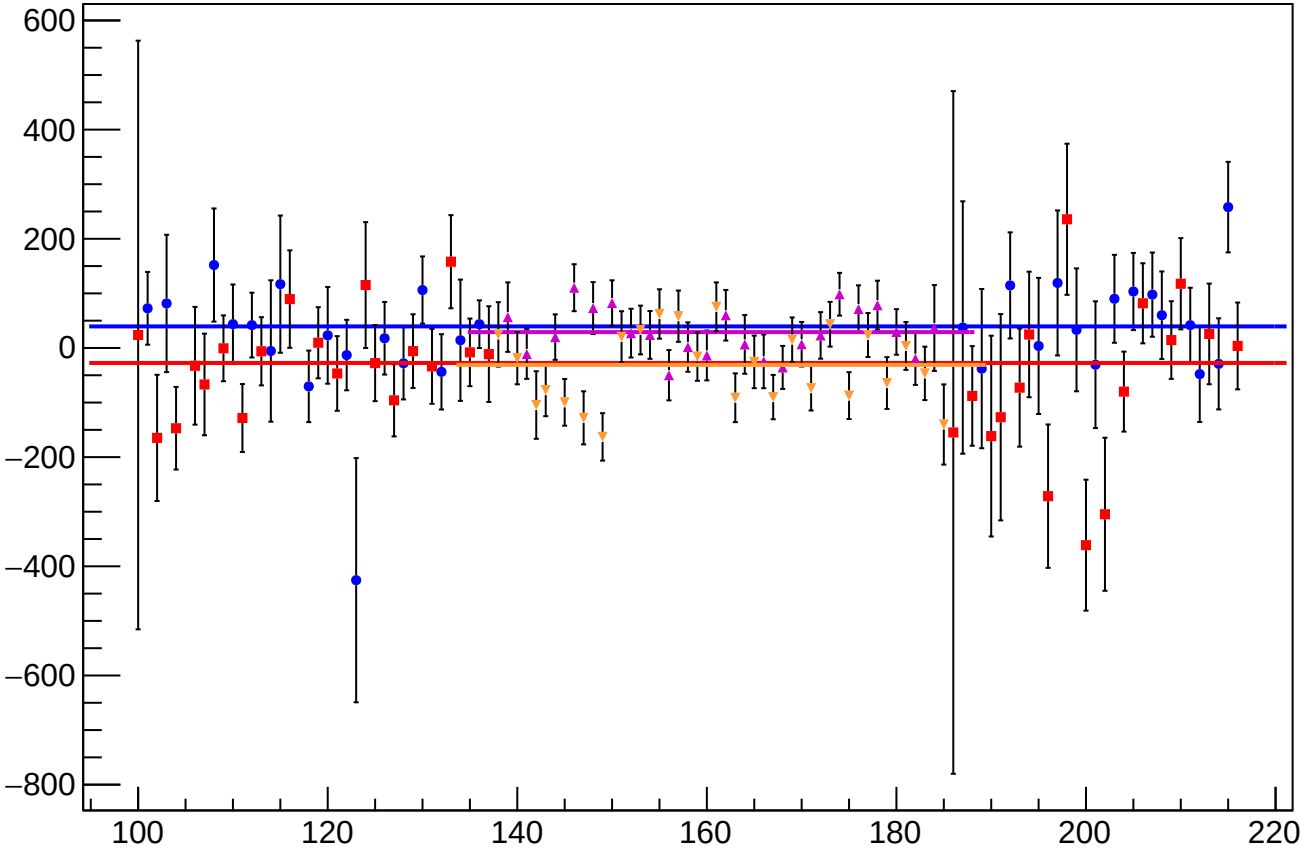
Left In: 339.621+/-0.058 χ^2/NDF:379808.1/22

+ sign 393.611+/-0.049 χ^2/NDF: 6465546.4/56

All: 395.319+/-0.035 χ^2/NDF: 13804282.9/11

- sign 397.103+/-0.050 χ^2/NDF: 7336243.3/57

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 39.484+/-14.305 χ^2/NDF: 25.8/31

Left Out: -31.063+/-9.170 χ^2/NDF:52.6/24

Right Out: -27.462+/-14.360 χ^2/NDF: 43.7/34

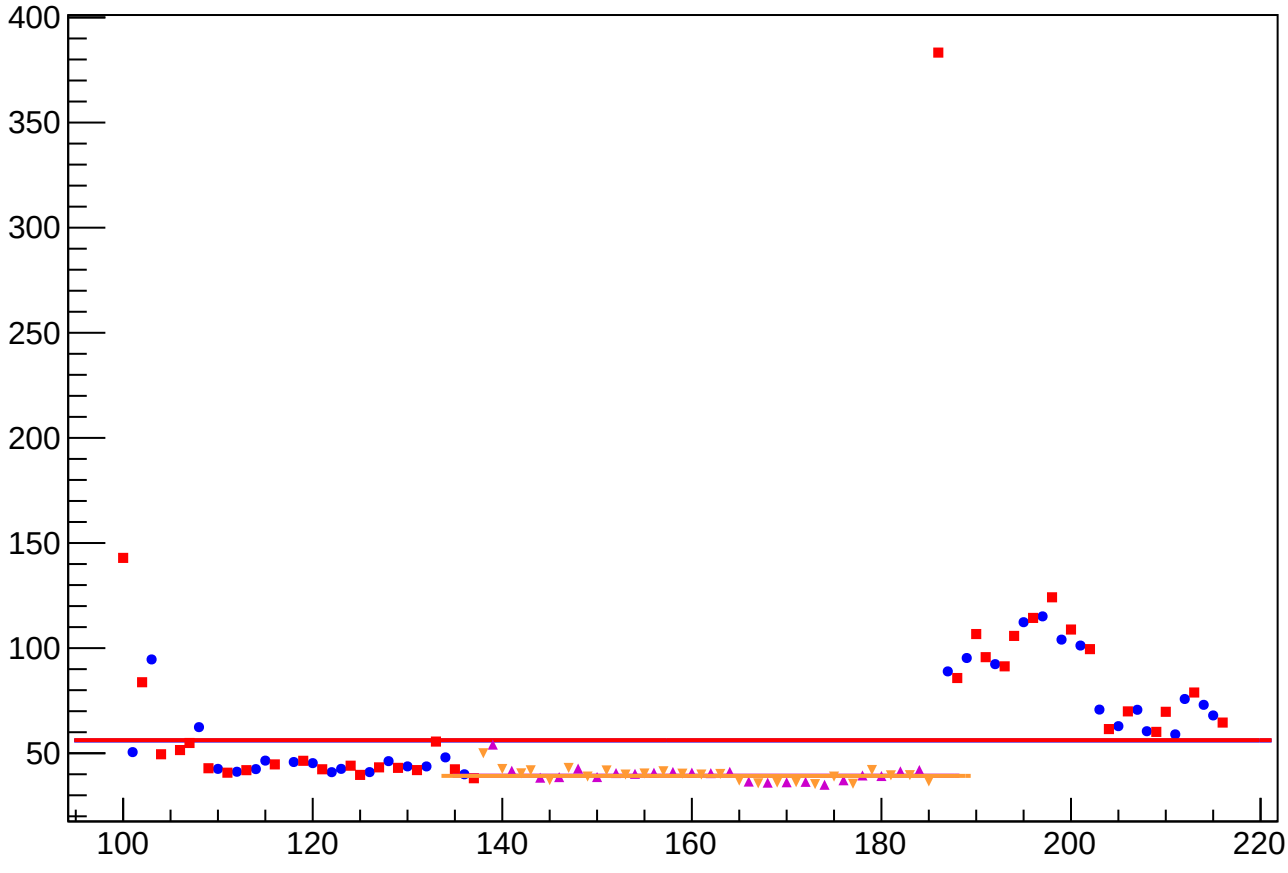
Left In: 29.055+/-9.449 χ^2/NDF:22.4/22

+ sign -10.518+/-7.720 χ^2/NDF: 95.7/56

All: 0.479+/-5.519 χ^2/NDF: 176.8/114

- sign 11.977+/-7.894 χ^2/NDF: 77.0/57

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 56.049+/-0.010 χ^2/NDF: 3528453.2/31

Left Out: 39.235+/-0.006 χ^2/NDF:201960.7/24

Right Out: 56.234+/-0.010 χ^2/NDF: 4540544.2/34

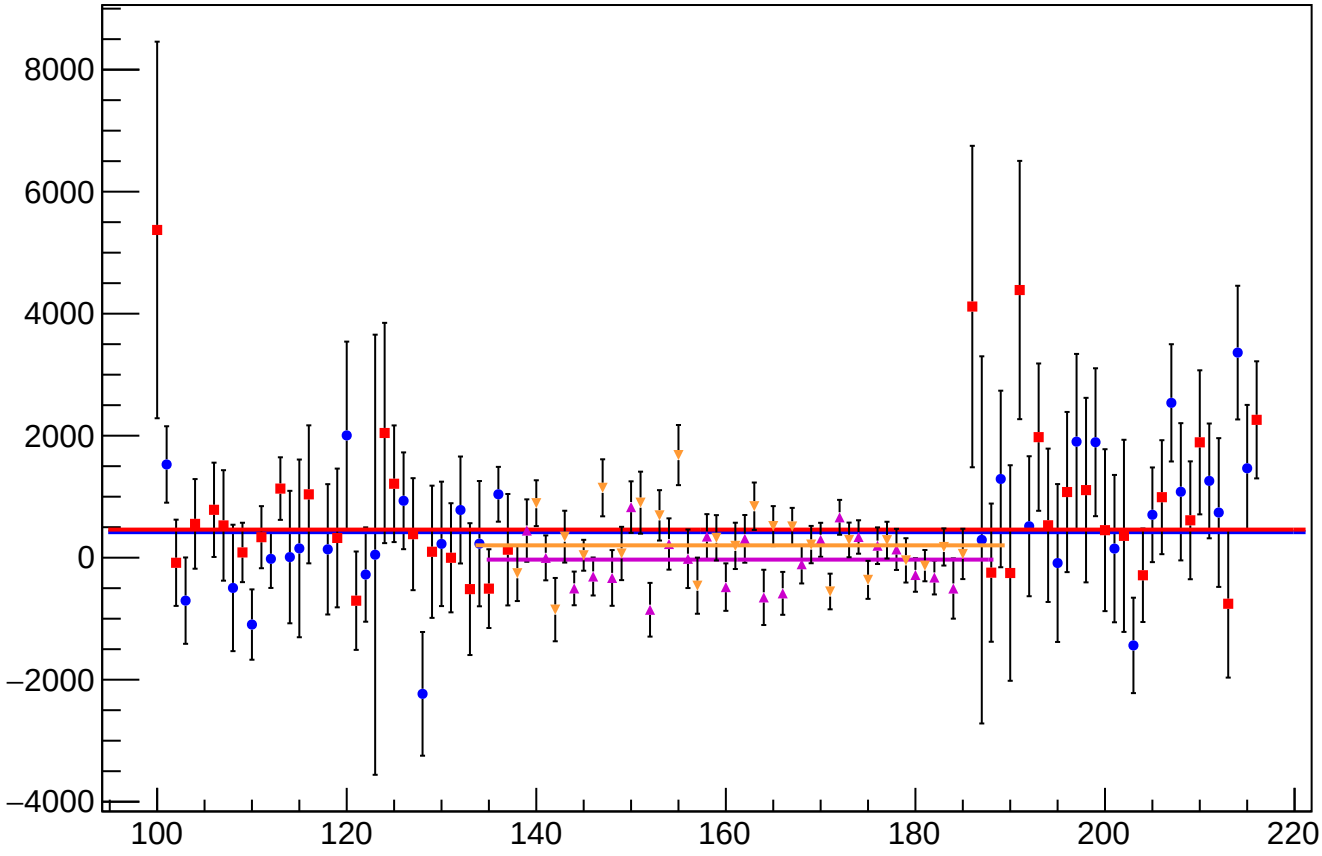
Left In: 39.338+/-0.007 χ^2/NDF:215671.3/22

+ sign 44.132+/-0.005 χ^2/NDF: 5688786.4/56

All: 44.284+/-0.004 χ^2/NDF: 12378639.1/114

- sign 44.444+/-0.006 χ^2/NDF: 6688254.8/57

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 418.304+/-157.121 χ^2/NDF: 48.9/31

Left Out: 202.369+/-70.426 χ^2/NDF:44.8/24

Right Out: 460.557+/-154.029 χ^2/NDF: 28.2/34

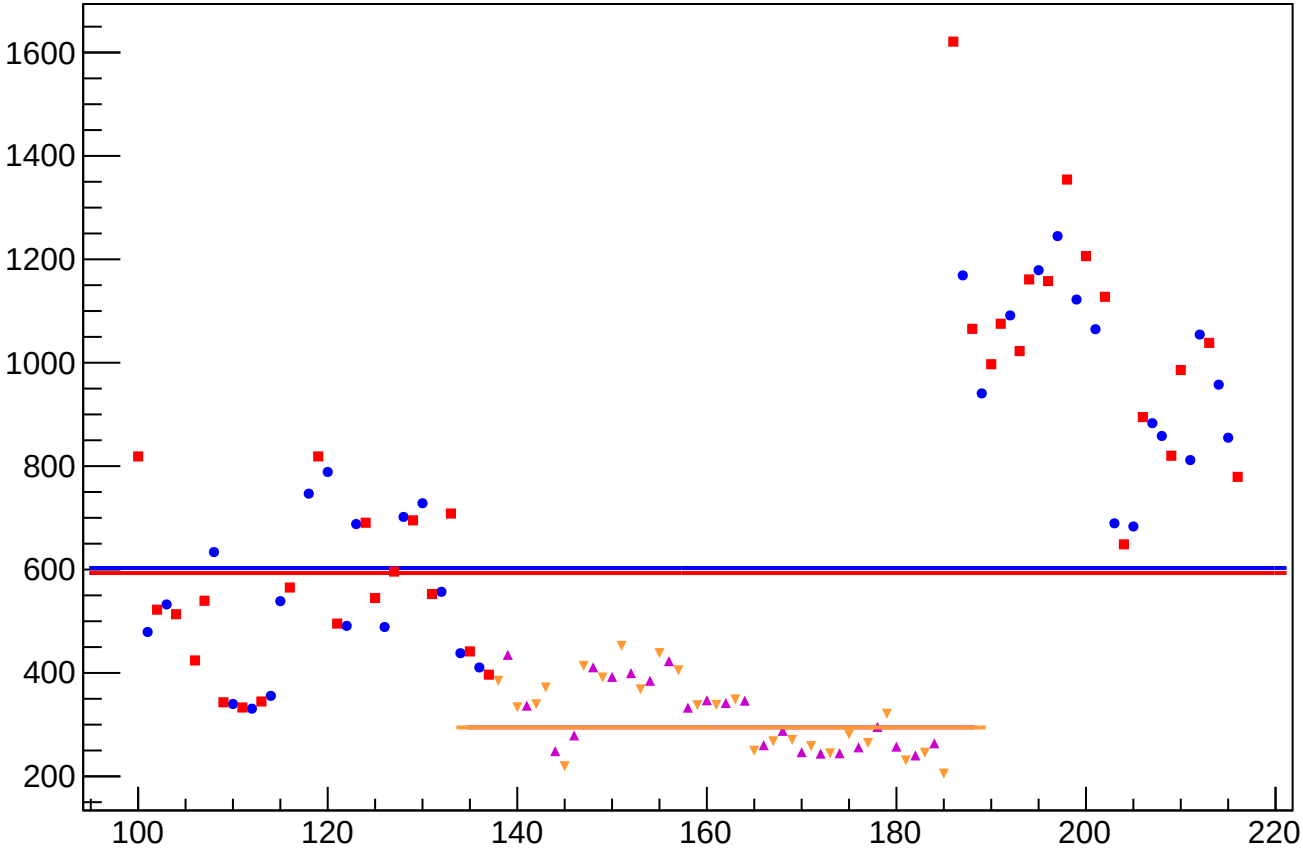
Left In: -31.548+/-72.100 χ^2/NDF:33.4/22

+ sign 238.494+/-64.265 χ^2/NDF: 95.3/56

All: 149.146+/-45.804 χ^2/NDF: 169.2/114

- sign 56.898+/-65.300 χ^2/NDF: 70.0/57

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 602.991+/-0.111 χ^2/NDF: 4912548.3/31

Left Out: 294.591+/-0.050 χ^2/NDF:1680474.5/24

Right Out: 593.273+/-0.109 χ^2/NDF: 5994731.3/34

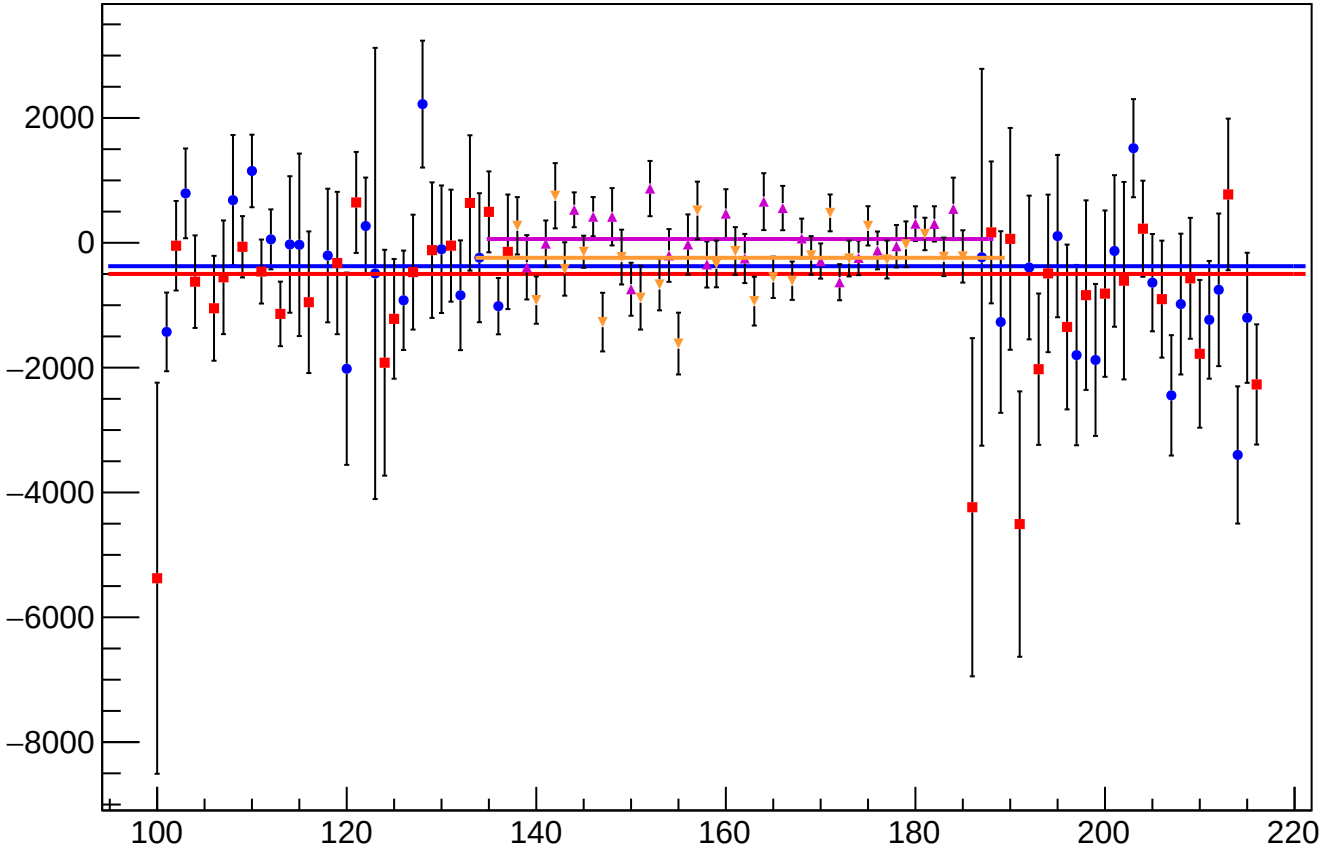
Left In: 294.722+/-0.051 χ^2/NDF:1297310.3/22

+ sign 346.186+/-0.045 χ^2/NDF: 13009242.1/56

All: 347.266+/-0.032 χ^2/NDF: 26465823.0/11

- sign 348.381+/-0.046 χ^2/NDF: 13455432.7/57

asym_sam_15_37_dd_mean vs Slug



Right In: -374.864+/-157.989 χ^2/NDF: 48.5/31

Left Out: -240.357+/-71.100 χ^2/NDF:42.9/24

Right Out: -498.965+/-155.386 χ^2/NDF: 27.7/34

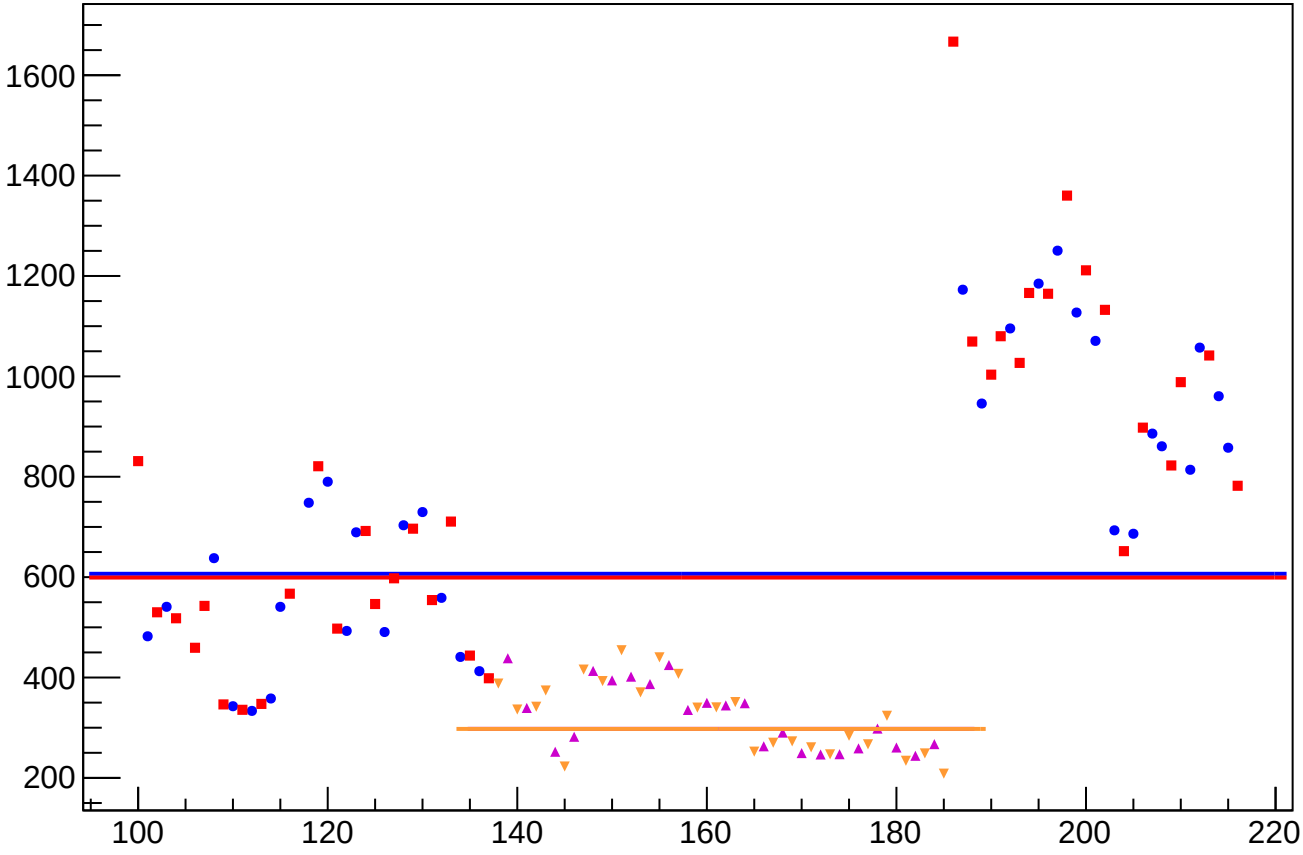
Left In: 60.330+/-72.788 χ^2/NDF:30.9/22

+ sign -263.011+/-64.837 χ^2/NDF: 92.0/56

All: -153.497+/-46.223 χ^2/NDF: 167.0/114

- sign -40.313+/-65.915 χ^2/NDF: 69.2/57

asym_sam_15_37_dd_rms vs Slug



Right In: 606.663+/-0.112 χ^2/NDF: 4881077.3/31

Left Out: 297.613+/-0.050 χ^2/NDF:1637757.8/24

Right Out: 599.182+/-0.110 χ^2/NDF: 5923268.2/34

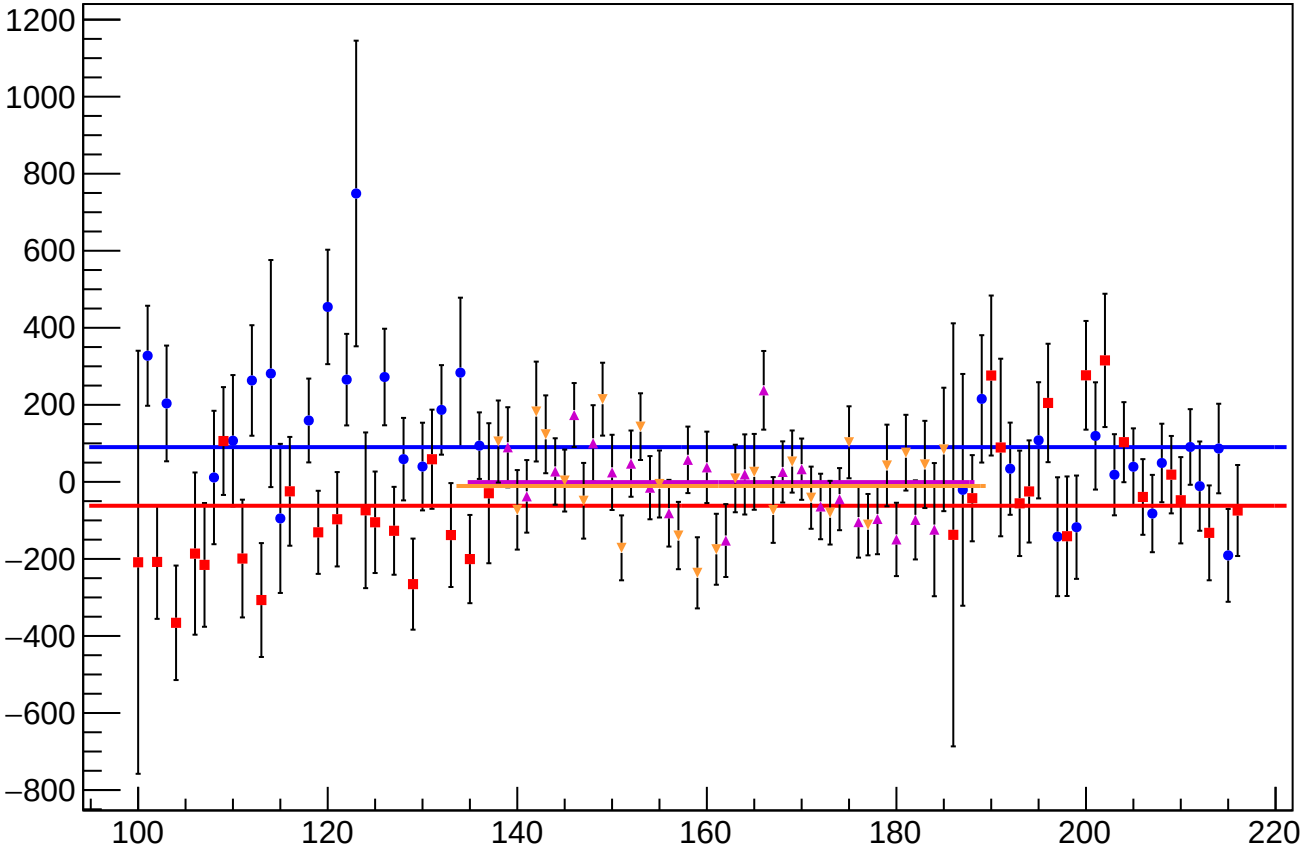
Left In: 297.699+/-0.051 χ^2/NDF:1266306.2/22

+ sign 349.663+/-0.046 χ^2/NDF: 12882931.1/56

All: 350.787+/-0.033 χ^2/NDF: 26247864.6/11

- sign 351.950+/-0.047 χ^2/NDF: 13363710.1/57

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 90.203+/-22.671 χ^2/NDF: 38.0/31

Left Out: -10.667+/-18.610 χ^2/NDF:36.3/24

Right Out: -61.988+/-23.150 χ^2/NDF: 38.7/34

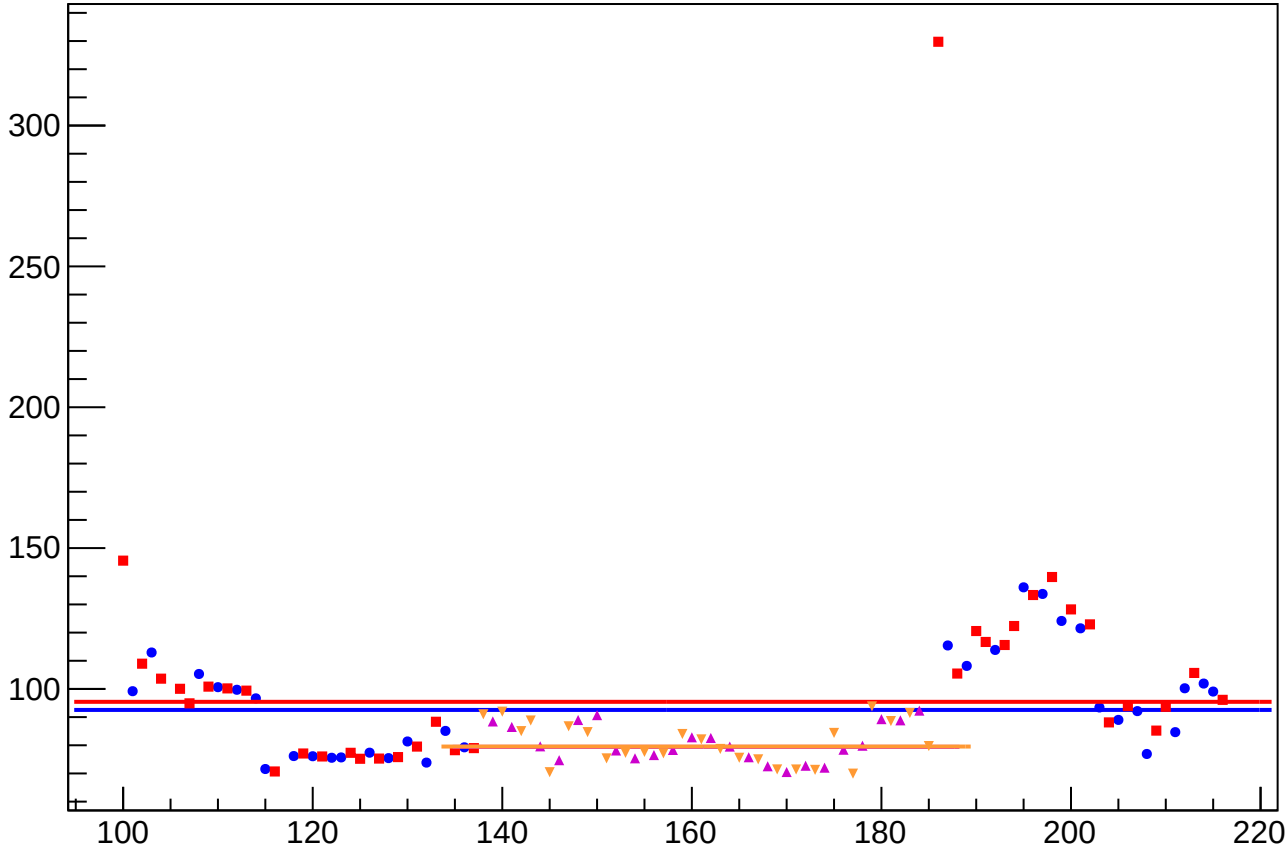
Left In: -0.575+/-19.091 χ^2/NDF:23.8/22

+ sign 29.939+/-14.384 χ^2/NDF: 86.2/56

All: 2.907+/-10.291 χ^2/NDF: 160.1/114

- sign -25.435+/-14.729 χ^2/NDF: 66.6/57

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 92.548+/-0.016 χ^2/NDF: 1091671.9/31

Left Out: 79.551+/-0.013 χ^2/NDF:309075.2/24

Right Out: 95.427+/-0.016 χ^2/NDF: 1535296.6/34

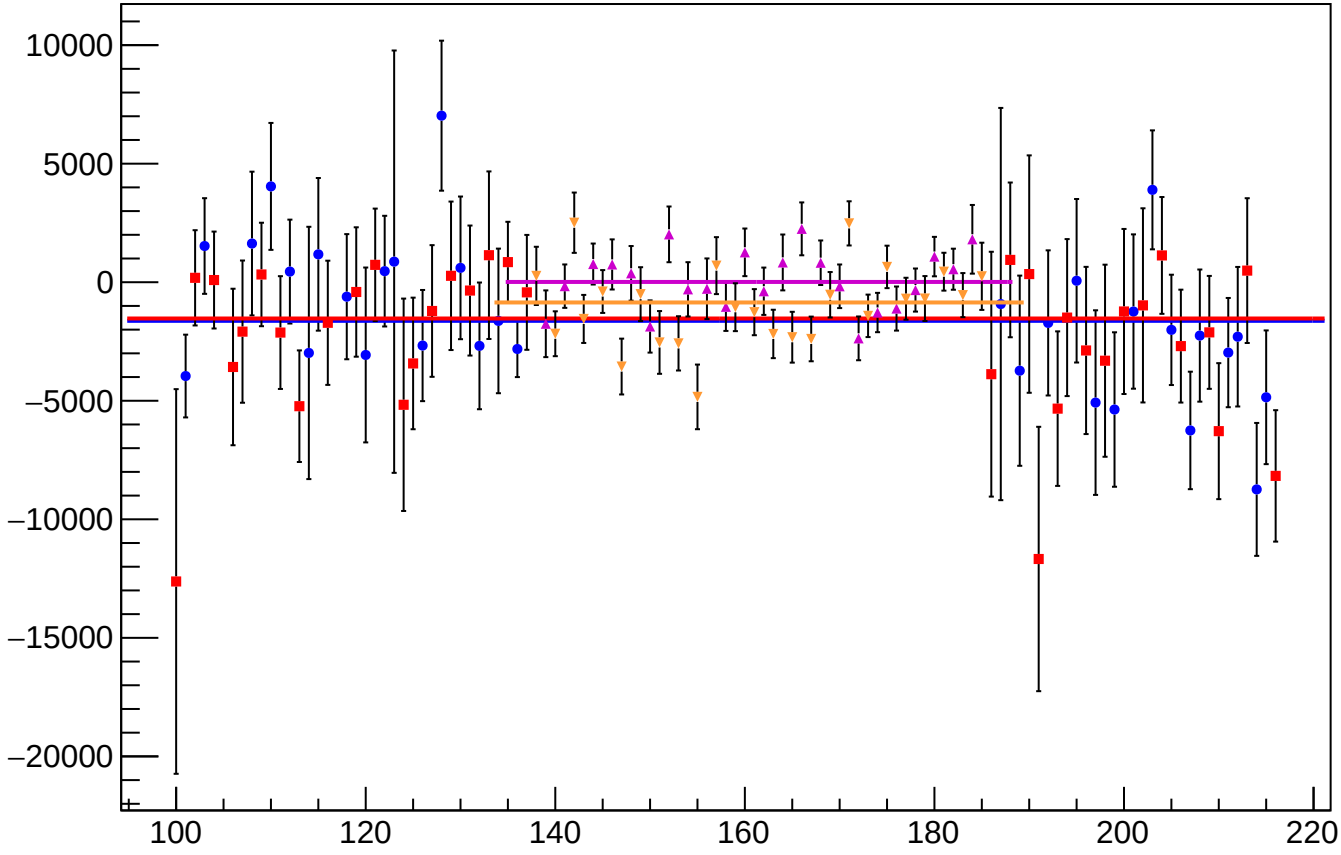
Left In: 79.436+/-0.013 χ^2/NDF:212440.1/22

+ sign 84.783+/-0.010 χ^2/NDF: 1793447.4/56

All: 85.333+/-0.007 χ^2/NDF: 4115142.4/114

- sign 85.909+/-0.010 χ^2/NDF: 2315707.5/57

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -1628.275+/-464.177 χ^2/NDF: 41.3/31

Left Out: -854.130+/-204.090 χ^2/NDF:56.0/24

Right Out: -1530.210+/-475.662 χ^2/NDF: 28.7/34

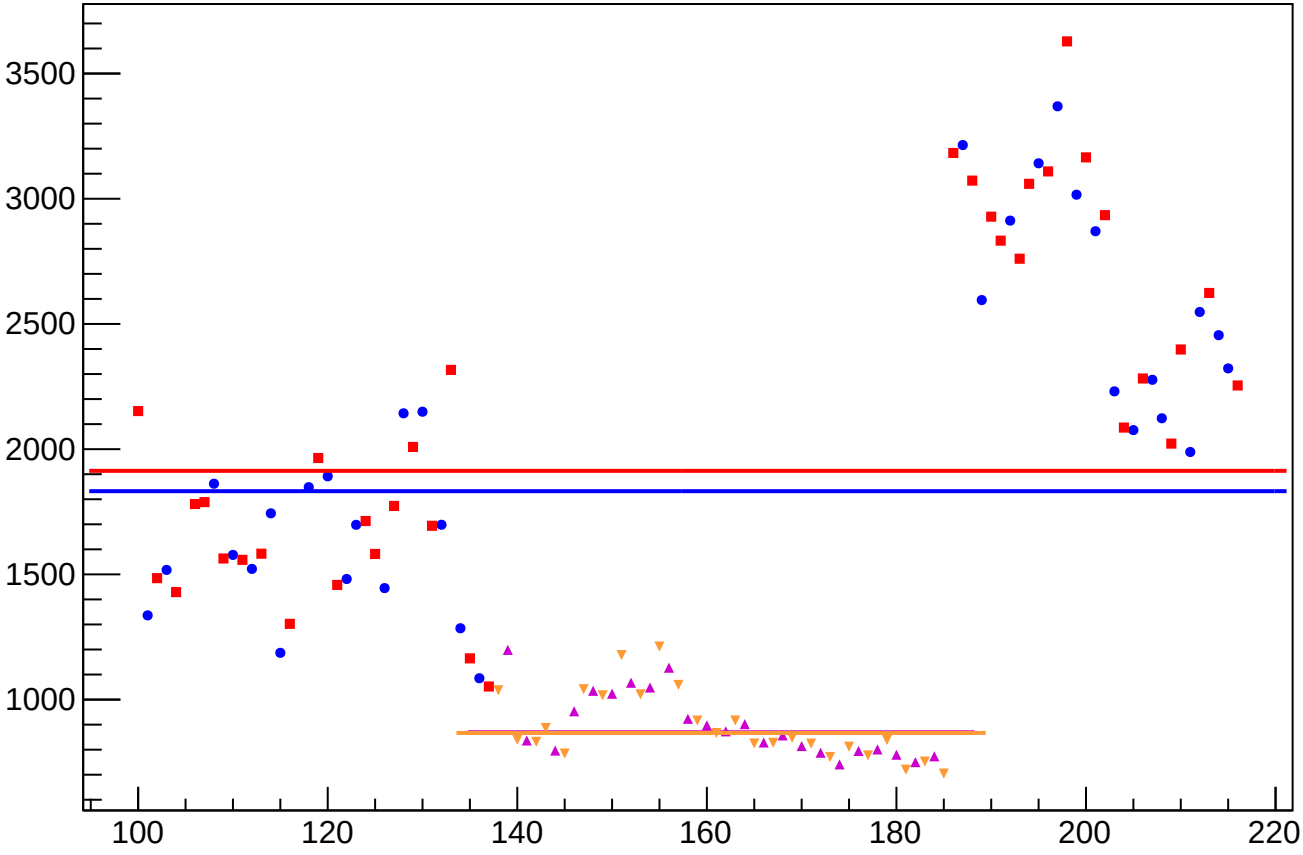
Left In: 11.687+/-210.073 χ^2/NDF:31.2/22

+ sign -979.543+/-186.829 χ^2/NDF: 99.7/56

All: -620.171+/-133.955 χ^2/NDF: 176.0/114

- sign -239.972+/-192.166 χ^2/NDF: 68.7/57

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1832.285+/-0.328 χ^2/NDF: 3245700.4/31

Left Out: 866.893+/-0.144 χ^2/NDF:661712.5/24

Right Out: 1913.458+/-0.336 χ^2/NDF: 3362913.4/34

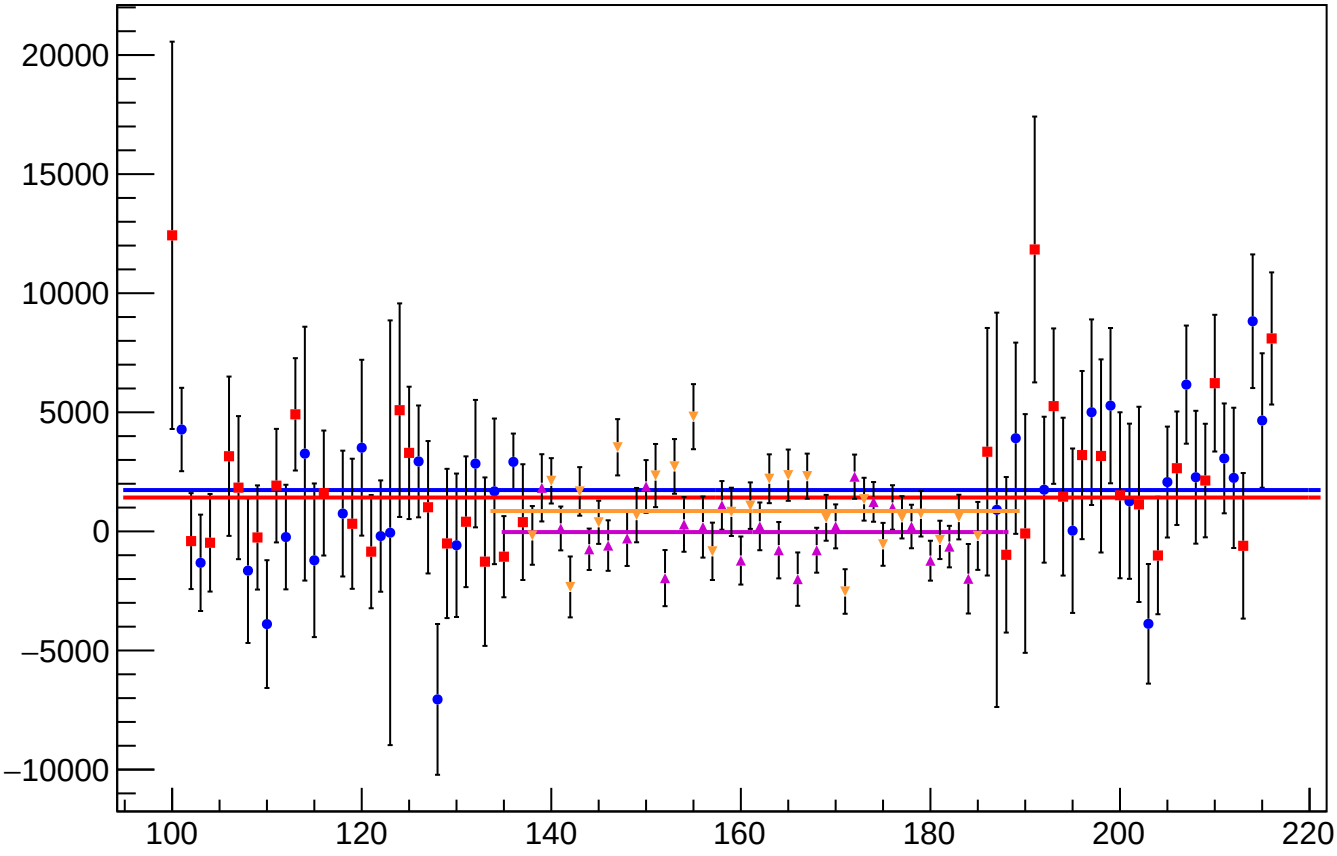
Left In: 869.569+/-0.149 χ^2/NDF:582301.2/22

+ sign 1023.288+/-0.132 χ^2/NDF: 11156984.0/56

All: 1031.383+/-0.095 χ^2/NDF: 23170312.6/1

- sign 1039.946+/-0.136 χ^2/NDF: 12005602.5/57

asym_sam_24_68_dd_mean vs Slug



Right In: 1735.867+/-464.936 χ^2/NDF: 41.1/31

Left Out: 855.664+/-205.047 χ^2/NDF:54.1/24

Right Out: 1422.265+/-476.523 χ^2/NDF: 28.7/34

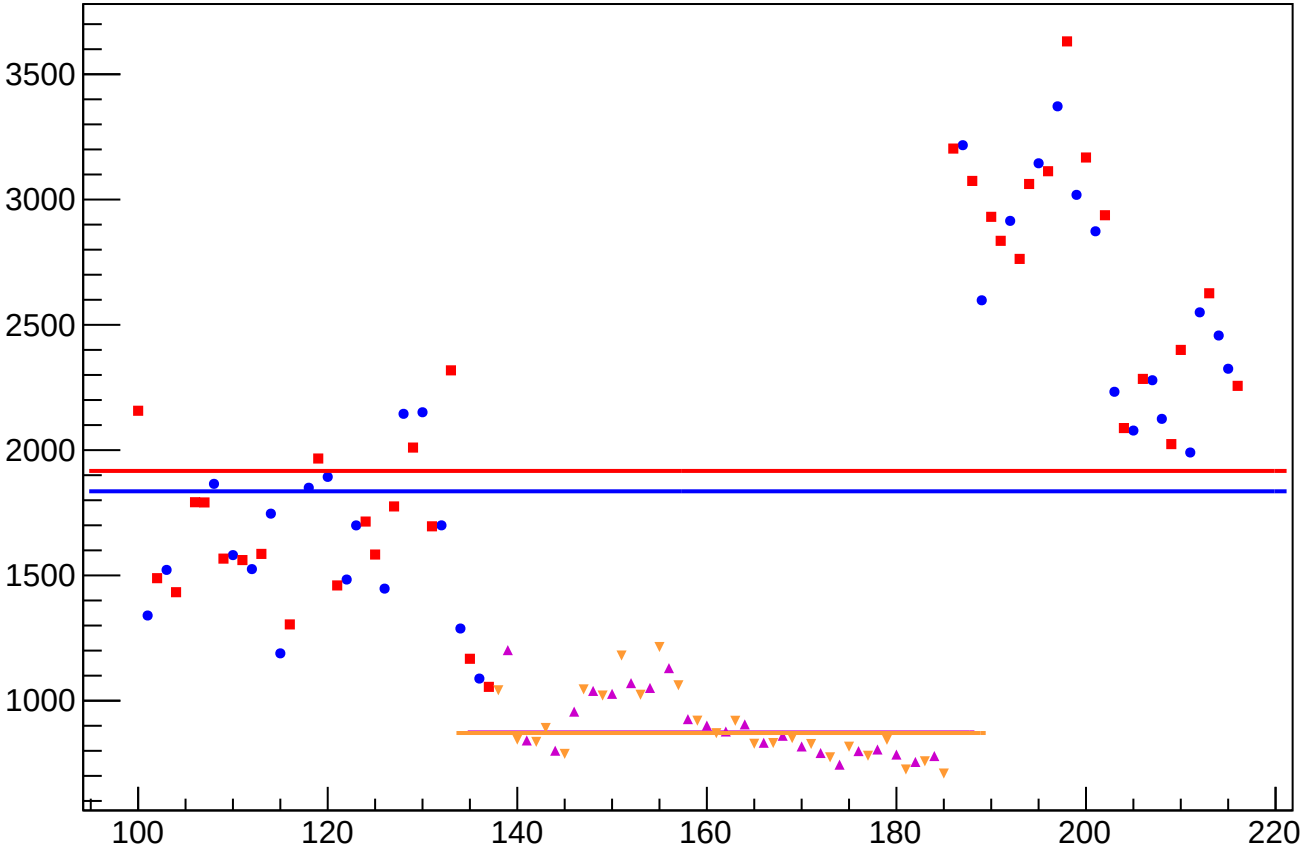
Left In: -28.553+/-211.034 χ^2/NDF:29.7/22

+ sign 998.987+/-187.612 χ^2/NDF: 98.1/56

All: 615.253+/-134.512 χ^2/NDF: 173.0/114

- sign 209.335+/-192.958 χ^2/NDF: 66.2/57

asym_sam_24_68_dd_rms vs Slug



Right In: 1835.704+/-0.329 χ^2/NDF: 3231980.9/31

Left Out: 871.109+/-0.145 χ^2/NDF:651751.1/24

Right Out: 1916.983+/-0.337 χ^2/NDF: 3353215.9/34

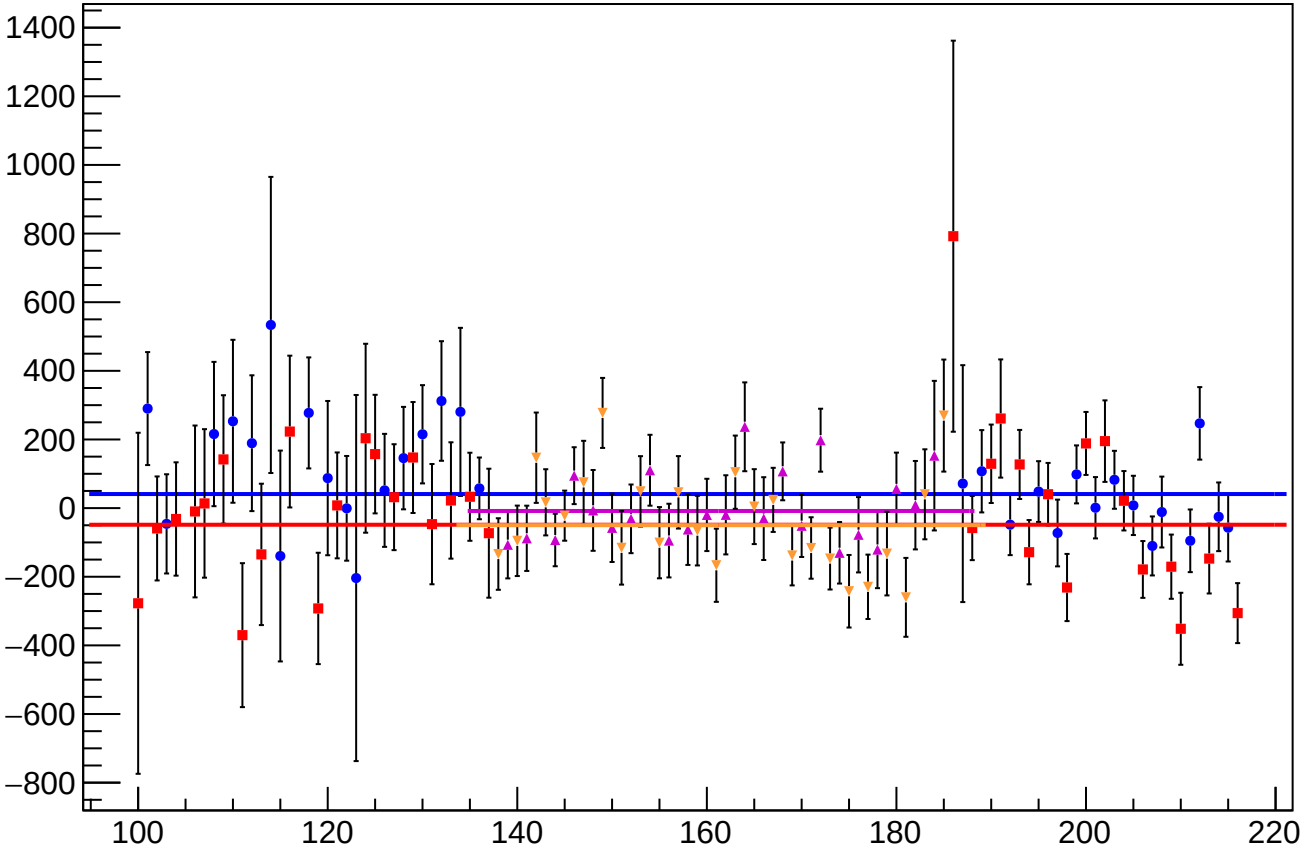
Left In: 873.675+/-0.149 χ^2/NDF:573822.5/22

+ sign 1028.174+/-0.133 χ^2/NDF: 11090618.3/56

All: 1036.226+/-0.095 χ^2/NDF: 23040374.3/1

- sign 1044.744+/-0.136 χ^2/NDF: 11942174.0/57

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 40.980+/-21.347 χ^2/NDF: 28.8/31

Left Out: -49.717+/-20.580 χ^2/NDF:39.4/24

Right Out: -48.453+/-21.579 χ^2/NDF: 62.1/34

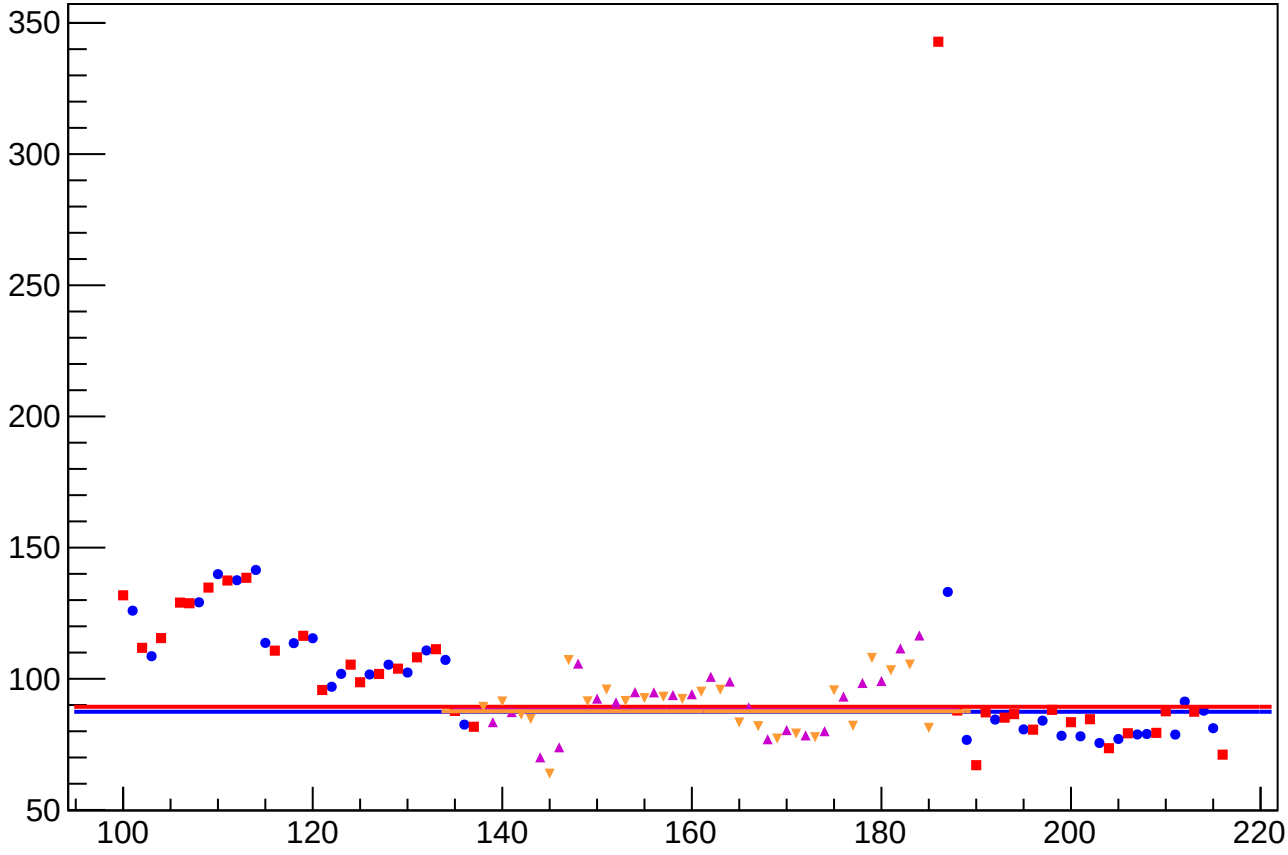
Left In: -8.343+/-21.271 χ^2/NDF:22.0/22

\+ sign -6.026+/-14.816 χ^2/NDF: 77.5/56

All: -16.823+/-10.592 χ^2/NDF: 164.5/114

\- sign -28.110+/-15.149 χ^2/NDF: 85.9/57

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 87.431+/-0.015 χ^2/NDF: 960323.0/31

Left Out: 87.625+/-0.015 χ^2/NDF:554690.7/24

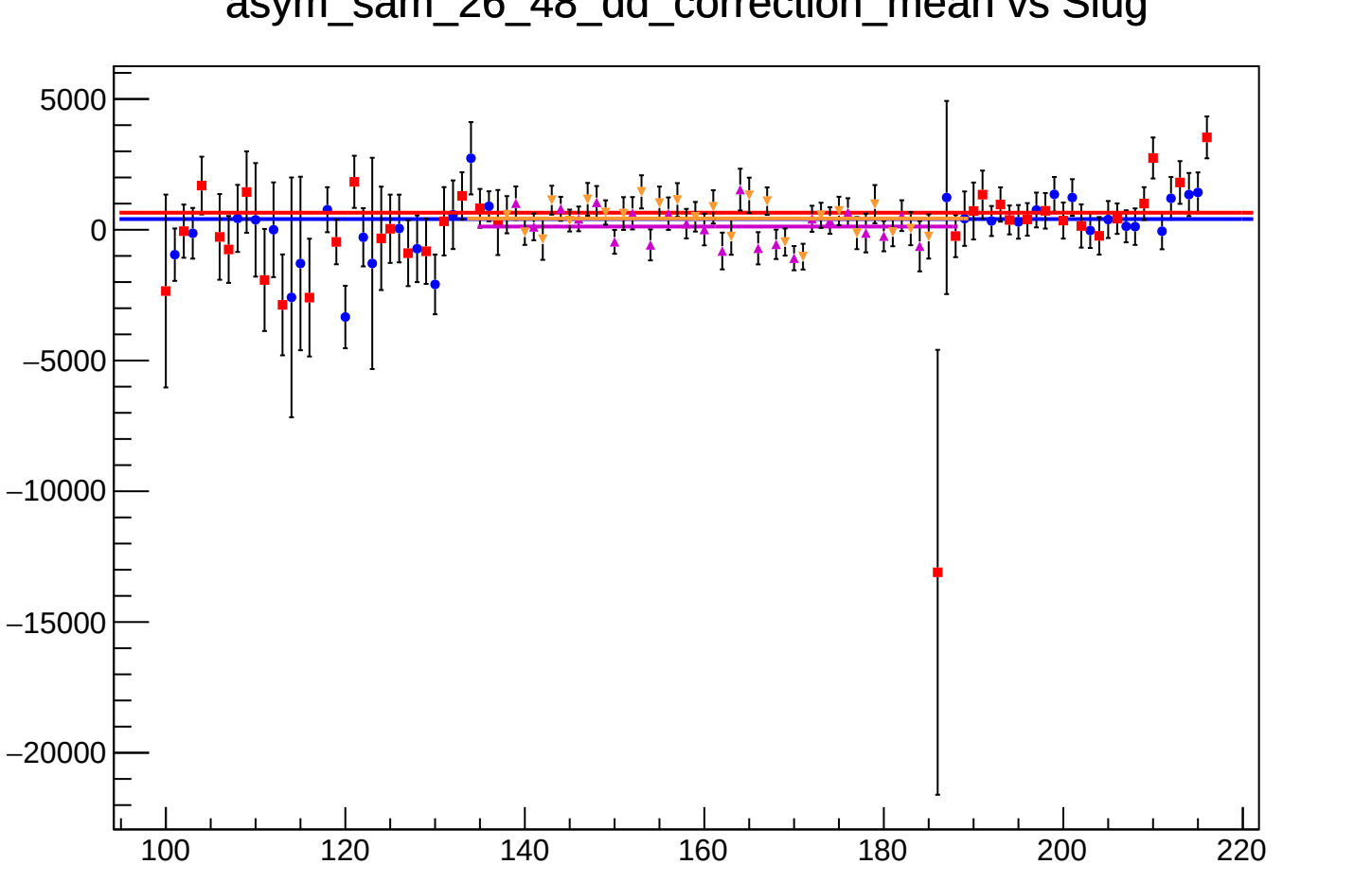
Right Out: 89.338+/-0.015 χ^2/NDF: 1457922.0/34

Left In: 88.032+/-0.015 χ^2/NDF:523710.9/22

+ sign 87.532+/-0.010 χ^2/NDF: 1515099.7/56

All: 88.091+/-0.007 χ^2/NDF: 3506272.8/114

- sign 88.676+/-0.011 χ^2/NDF: 1985346.0/57



Right In: 409.190+/-155.917 χ^2/NDF: 31.7/31

Left Out: 431.658+/-115.706 χ^2/NDF:30.5/24

Right Out: 652.271+/-153.701 χ^2/NDF: 47.8/34

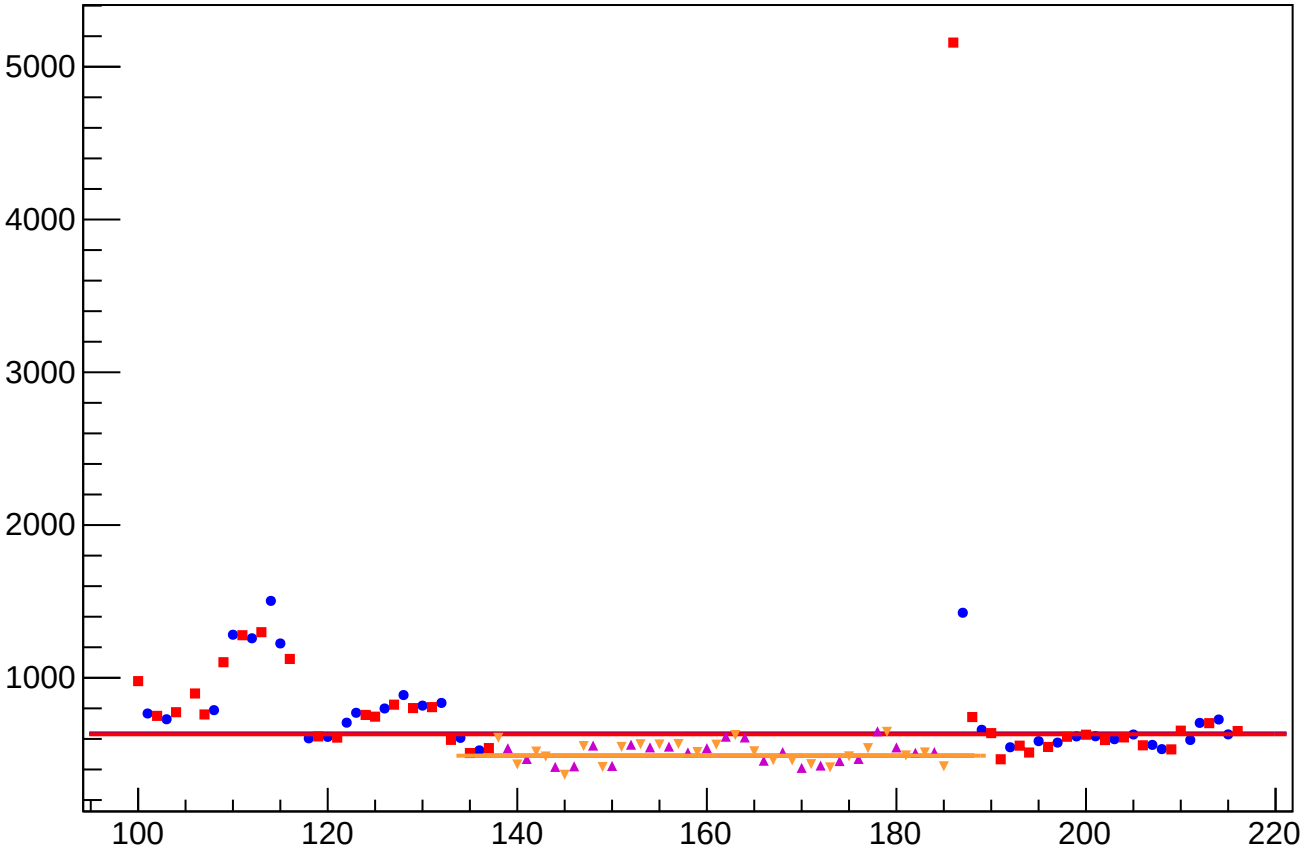
Left In: 123.017+/-118.849 χ^2/NDF:29.3/22

\+ sign 423.679+/-92.916 χ^2/NDF: 62.2/56

All: 372.973+/-66.088 χ^2/NDF: 147.3/114

\- sign 321.055+/-94.020 χ^2/NDF: 84.5/57

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 635.801+/-0.110 χ^2/NDF: 1225464.2/31

Left Out: 490.267+/-0.082 χ^2/NDF:750277.0/24

Right Out: 630.442+/-0.109 χ^2/NDF: 2040101.2/34

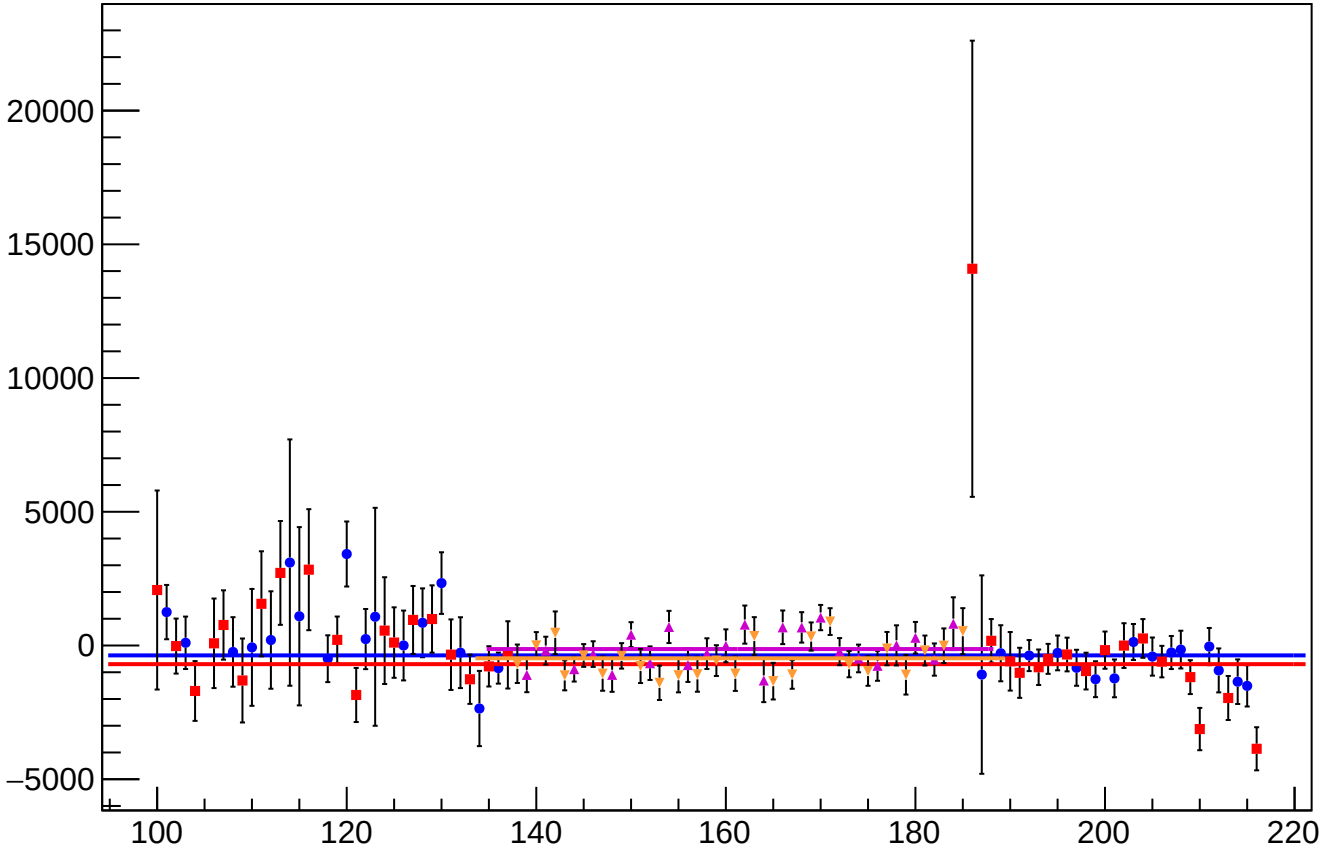
Left In: 490.910+/-0.084 χ^2/NDF:589235.5/22

+ sign 541.951+/-0.066 χ^2/NDF: 3099418.6/56

All: 542.529+/-0.047 χ^2/NDF: 6760427.2/114

- sign 543.121+/-0.066 χ^2/NDF: 3660852.0/57

asym_sam_26_48_dd_mean vs Slug



Right In: -369.427+/-157.528 χ^2/NDF: 31.7/31

Left Out: -478.197+/-117.659 χ^2/NDF:27.8/24

Right Out: -697.600+/-155.428 χ^2/NDF: 53.2/34

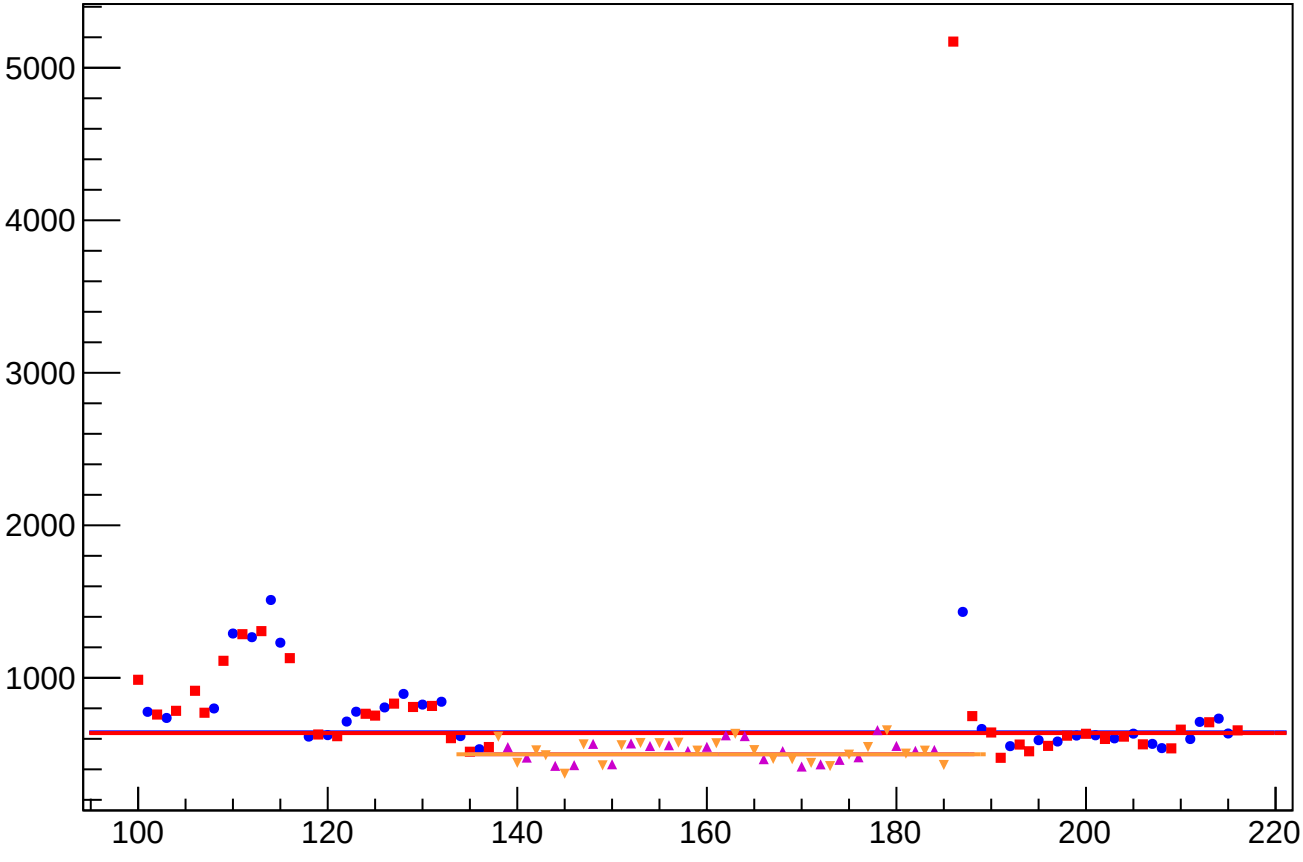
Left In: -132.543+/-120.866 χ^2/NDF:29.5/22

+ sign -439.247+/-94.267 χ^2/NDF: 59.8/56

All: -392.928+/-67.058 χ^2/NDF: 151.3/114

- sign -345.477+/-95.413 χ^2/NDF: 91.0/57

asym_sam_26_48_dd_rms vs Slug



Right In: 642.536+/-0.111 χ^2/NDF: 1213380.6/31

Left Out: 498.754+/-0.083 χ^2/NDF:734302.8/24

Right Out: 637.765+/-0.110 χ^2/NDF: 2018474.3/34

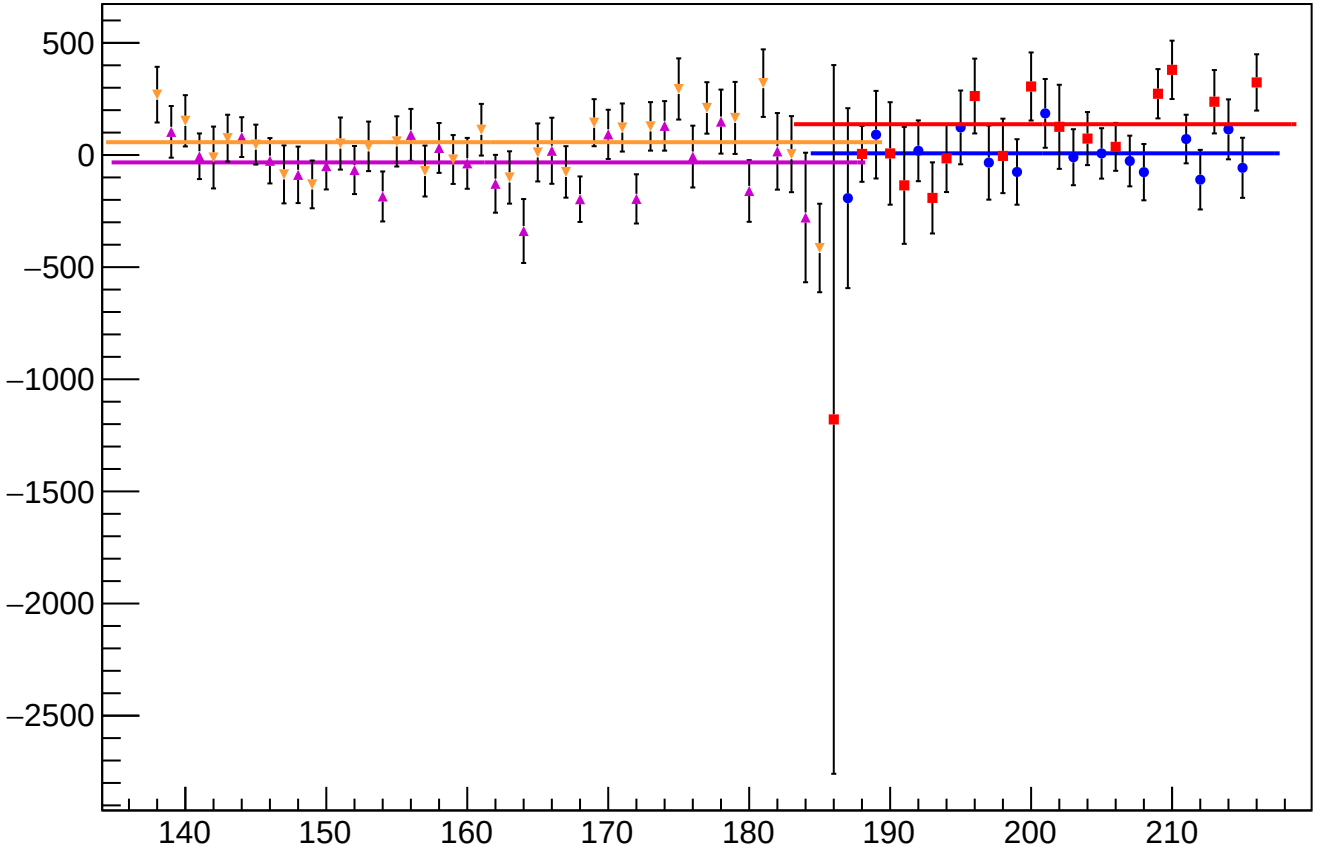
Left In: 499.393+/-0.085 χ^2/NDF:576539.2/22

+ sign 550.242+/-0.067 χ^2/NDF: 3017204.4/56

All: 550.882+/-0.047 χ^2/NDF: 6600212.7/114

- sign 551.537+/-0.067 χ^2/NDF: 3582822.0/57

reg_asym_sam_1548_avg_mean vs Slug



Right In: 7.525+/-35.615 χ^2/NDF: 5.2/14

Left Out: 57.211+/-23.714 χ^2/NDF:29.2/24

Right Out: 137.352+/-36.725 χ^2/NDF: 20.0/15

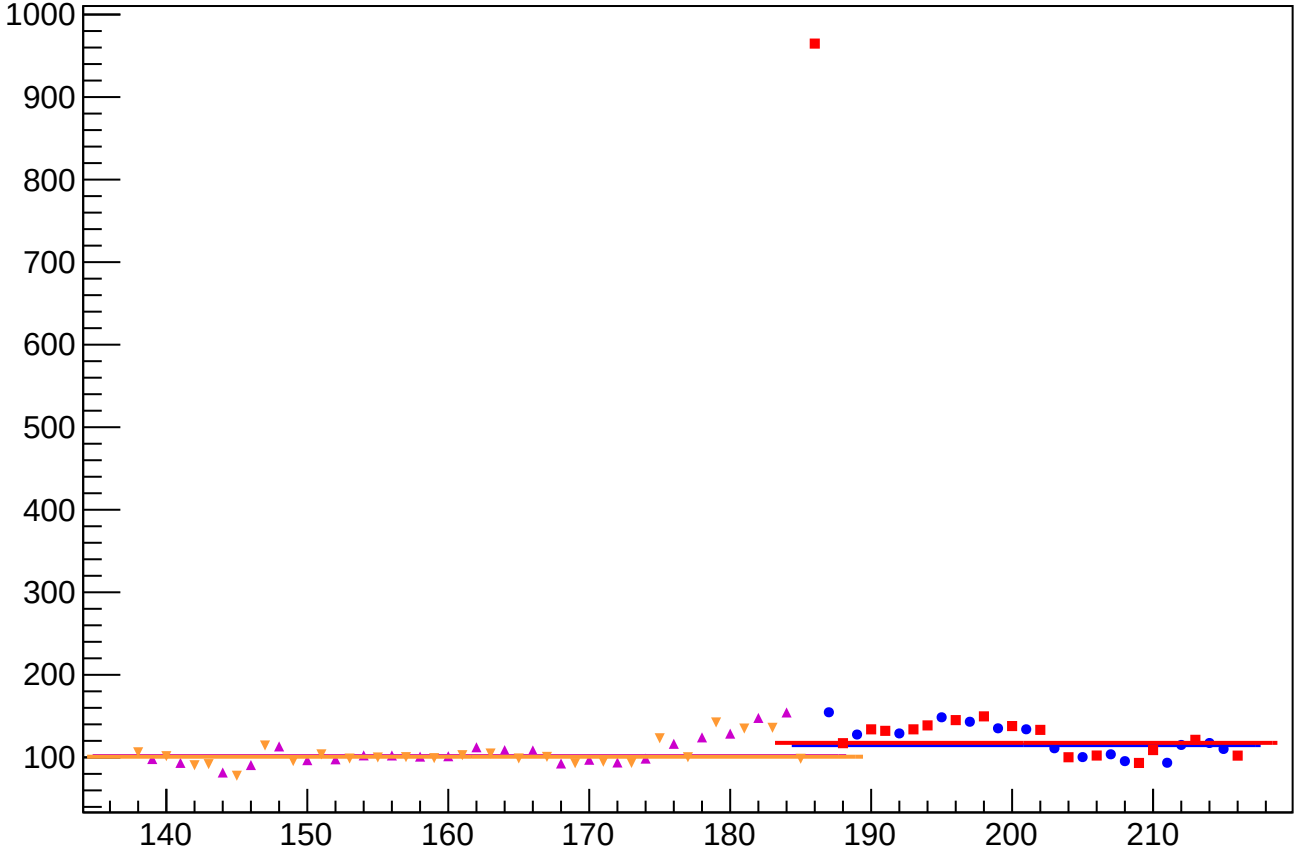
Left In: -32.948+/-24.587 χ^2/NDF:23.6/22

+ sign 41.949+/-19.739 χ^2/NDF: 35.8/39

All: 31.237+/-14.196 χ^2/NDF: 94.8/78

- sign 19.759+/-20.431 χ^2/NDF: 58.4/38

reg_asym_sam_1548_avg_rms vs Slug



Right In: 114.828+/-0.025 χ^2/NDF: 446386.6/14

Left Out: 100.801+/-0.017 χ^2/NDF:600502.4/24

Right Out: 117.574+/-0.026 χ^2/NDF: 1055389.7/15

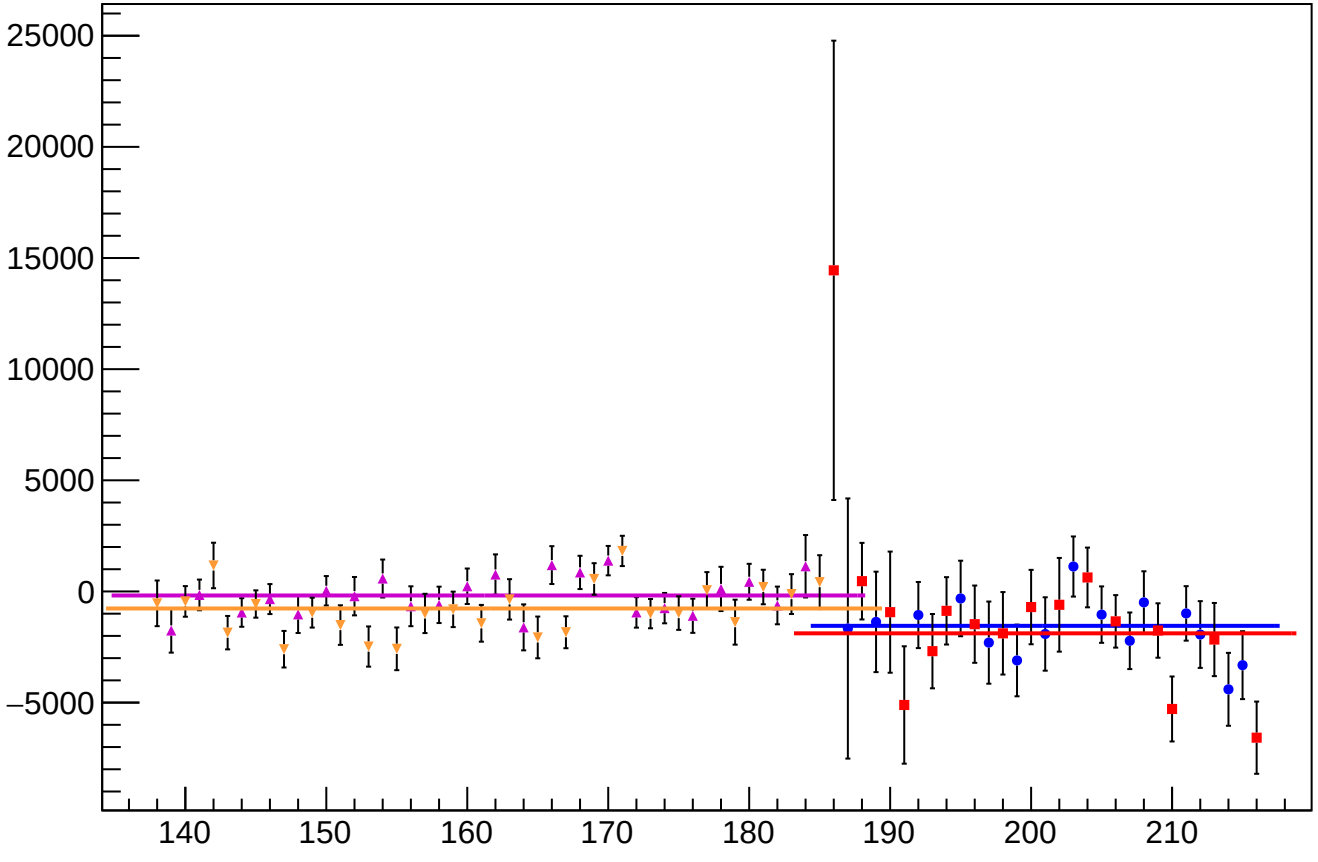
Left In: 101.622+/-0.017 χ^2/NDF:582329.3/22

+ sign 105.109+/-0.014 χ^2/NDF: 1261835.8/39

All: 105.809+/-0.010 χ^2/NDF: 3165317.8/78

- sign 106.559+/-0.014 χ^2/NDF: 1898273.4/38

asym_sam_1548_avg_correction_mean vs Slug



Right In: -1547.219+/-399.244 χ^2/NDF: 11.3/14

Left Out: -766.358+/-161.066 χ^2/NDF:46.5/24

Right Out: -1884.493+/-416.103 χ^2/NDF: 25.1/15

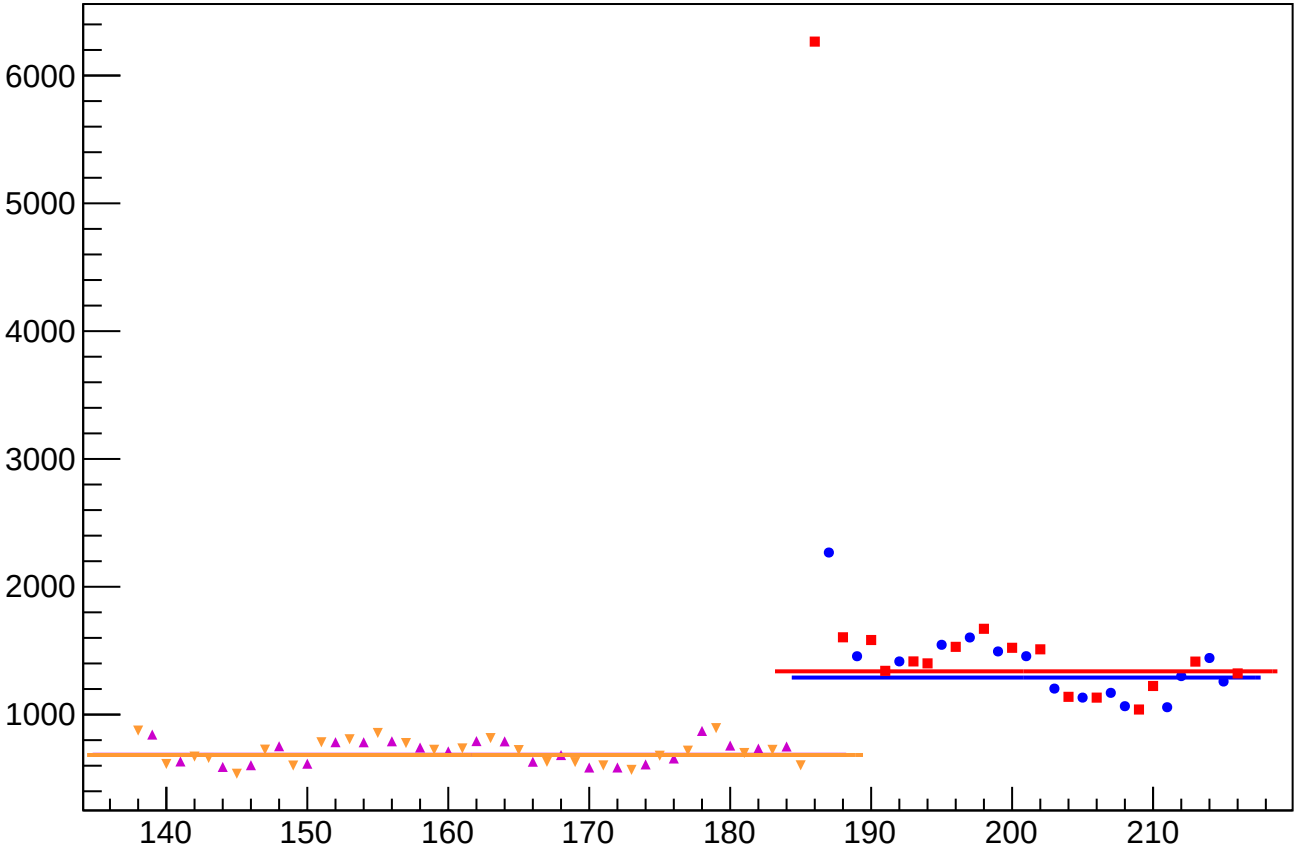
Left In: -181.584+/-165.671 χ^2/NDF:25.0/22

+ sign -875.657+/-149.369 χ^2/NDF: 61.2/39

All: -652.042+/-107.193 χ^2/NDF: 130.3/78

- sign -414.595+/-153.920 χ^2/NDF: 64.5/38

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1289.667+/-0.282 χ^2/NDF: 434726.2/14

Left Out: 683.884+/-0.114 χ^2/NDF:667158.2/24

Right Out: 1338.328+/-0.294 χ^2/NDF: 893419.4/15

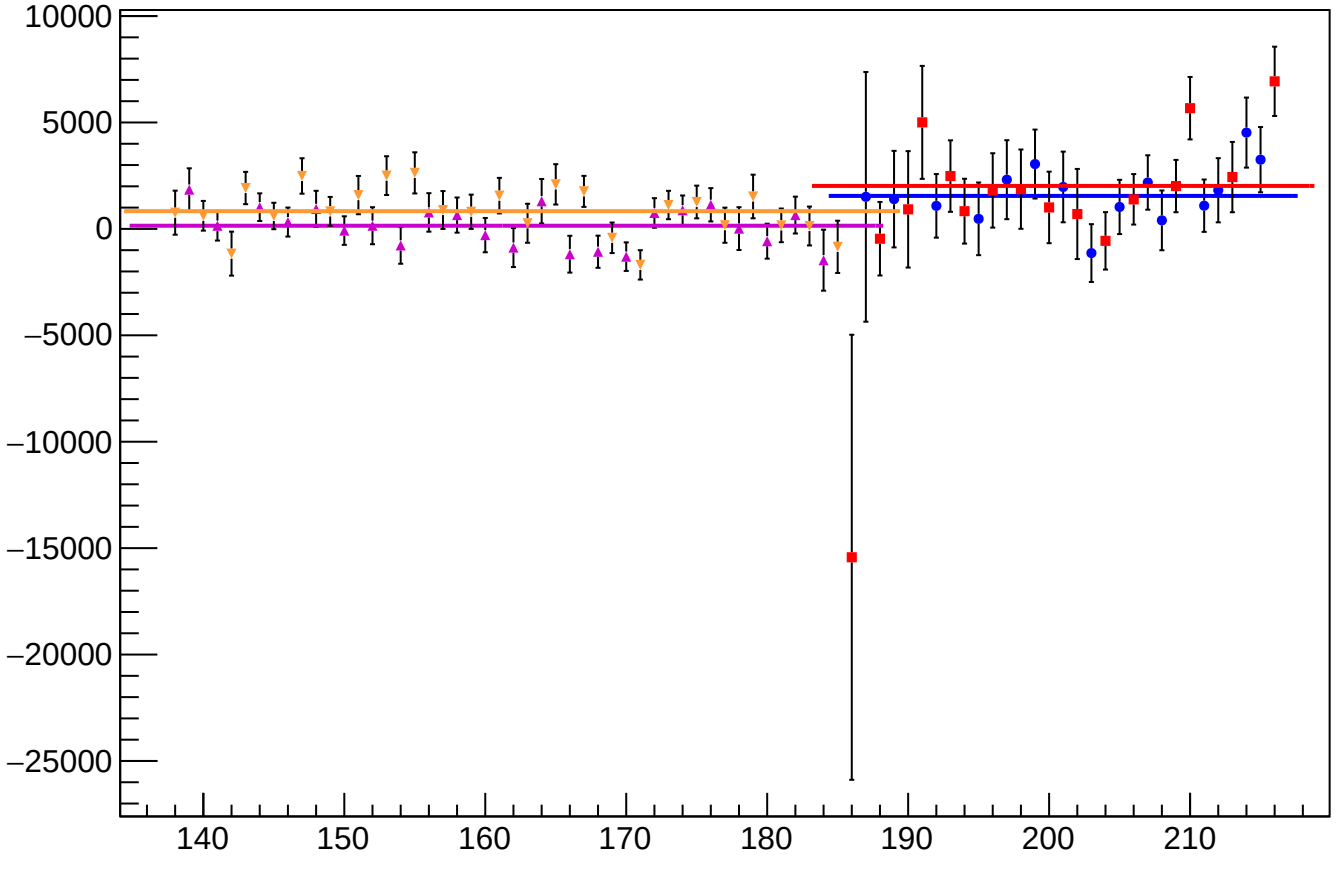
Left In: 685.593+/-0.117 χ^2/NDF:529353.6/22

+ sign 768.678+/-0.106 χ^2/NDF: 5061926.1/39

All: 771.699+/-0.076 χ^2/NDF: 10734516.9/78

- sign 774.907+/-0.109 χ^2/NDF: 5670903.6/38

asym_sam_1548_avg_mean vs Slug



Right In: 1549.691+/-400.887 χ^2/NDF: 11.2/14

Left Out: 833.395+/-162.965 χ^2/NDF:43.2/24

Right Out: 2019.345+/-417.825 χ^2/NDF: 27.0/15

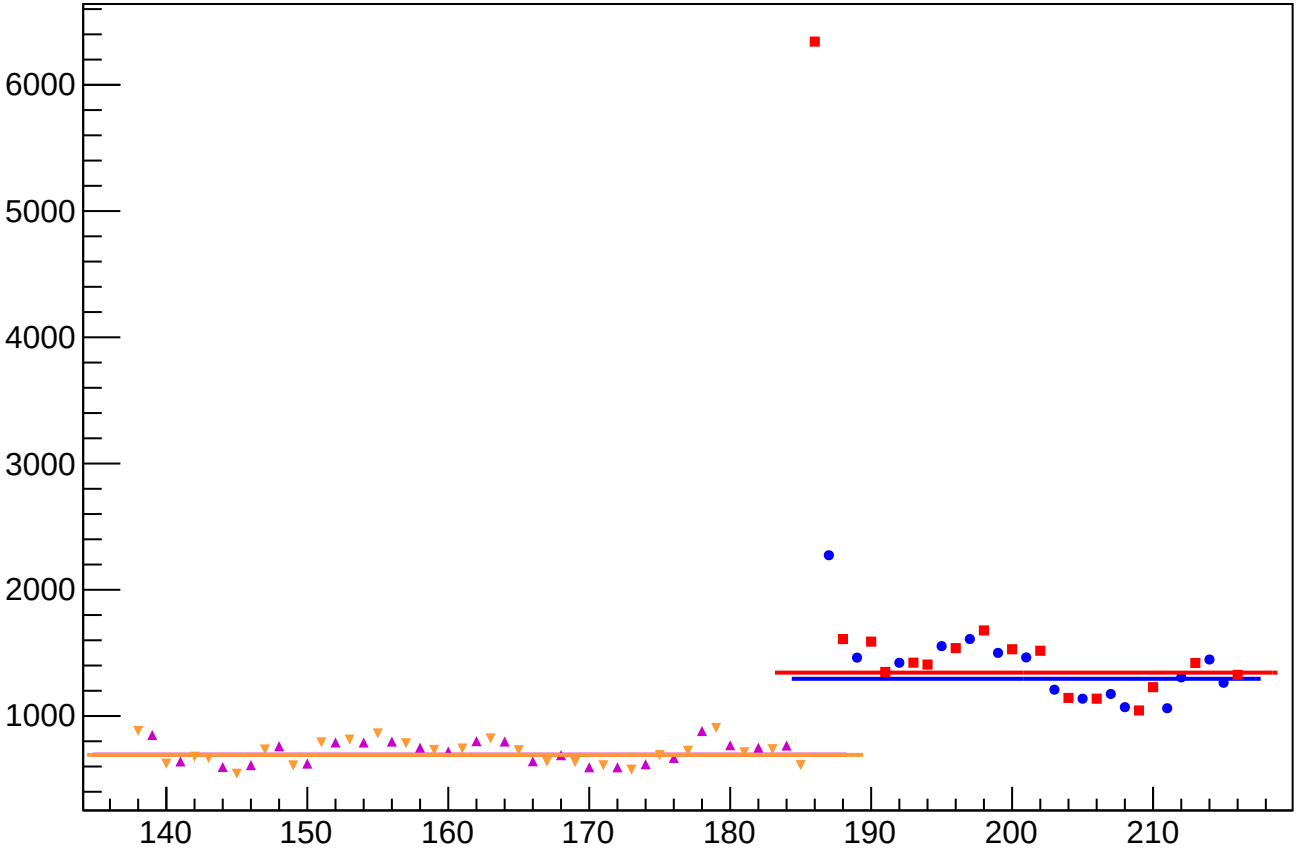
Left In: 148.814+/-167.644 χ^2/NDF:26.0/22

+ sign 934.977+/-150.968 χ^2/NDF: 57.2/39

All: 679.519+/-108.347 χ^2/NDF: 133.4/78

- sign 408.187+/-155.588 χ^2/NDF: 70.3/38

asym_sam_1548_avg_rms vs Slug



Right In: 1294.974+/-0.283 χ^2/NDF: 435197.8/14

Left Out: 692.097+/-0.115 χ^2/NDF:657259.6/24

Right Out: 1343.827+/-0.295 χ^2/NDF: 895886.8/15

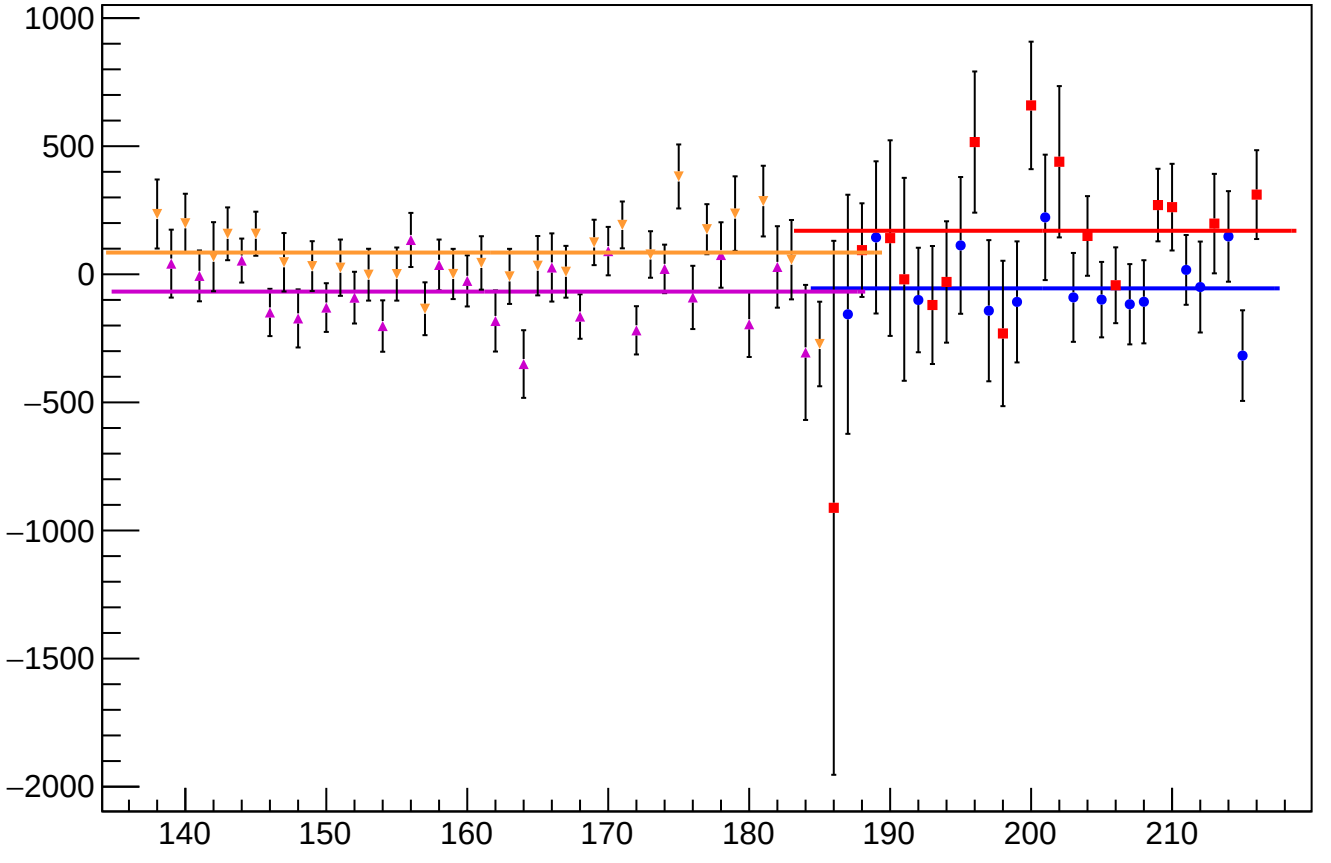
Left In: 693.867+/-0.119 χ^2/NDF:522053.5/22

+ sign 777.594+/-0.107 χ^2/NDF: 4974173.9/39

All: 780.697+/-0.077 χ^2/NDF: 10562420.8/78

- sign 783.992+/-0.110 χ^2/NDF: 5586504.8/38

reg_asym_sam_3748_avg_mean vs Slug



Right In: -54.873+/-49.418 χ^2/NDF: 6.6/14

Left Out: 84.860+/-21.643 χ^2/NDF:28.5/24

Right Out: 169.888+/-52.300 χ^2/NDF: 15.6/15

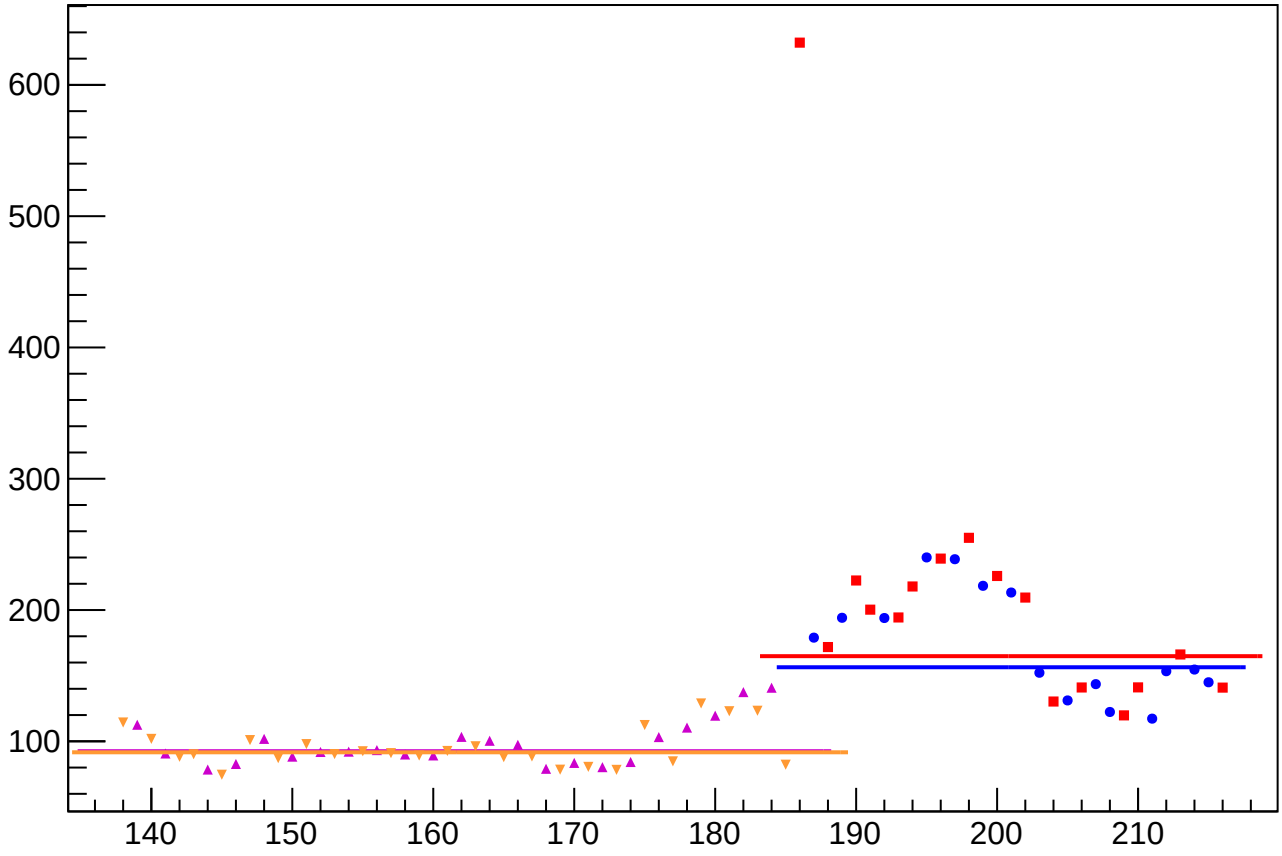
Left In: -67.552+/-22.449 χ^2/NDF:28.9/22

+ sign 62.372+/-19.825 χ^2/NDF: 41.8/39

All: 17.728+/-14.294 χ^2/NDF: 114.2/78

- sign -30.611+/-20.629 χ^2/NDF: 61.9/38

reg_asym_sam_3748_avg_rms vs Slug



Right In: 156.412+/-0.035 χ^2/NDF: 1061510.7/14

Left Out: 91.633+/-0.015 χ^2/NDF:693122.0/24

Right Out: 164.852+/-0.037 χ^2/NDF: 1544741.9/15

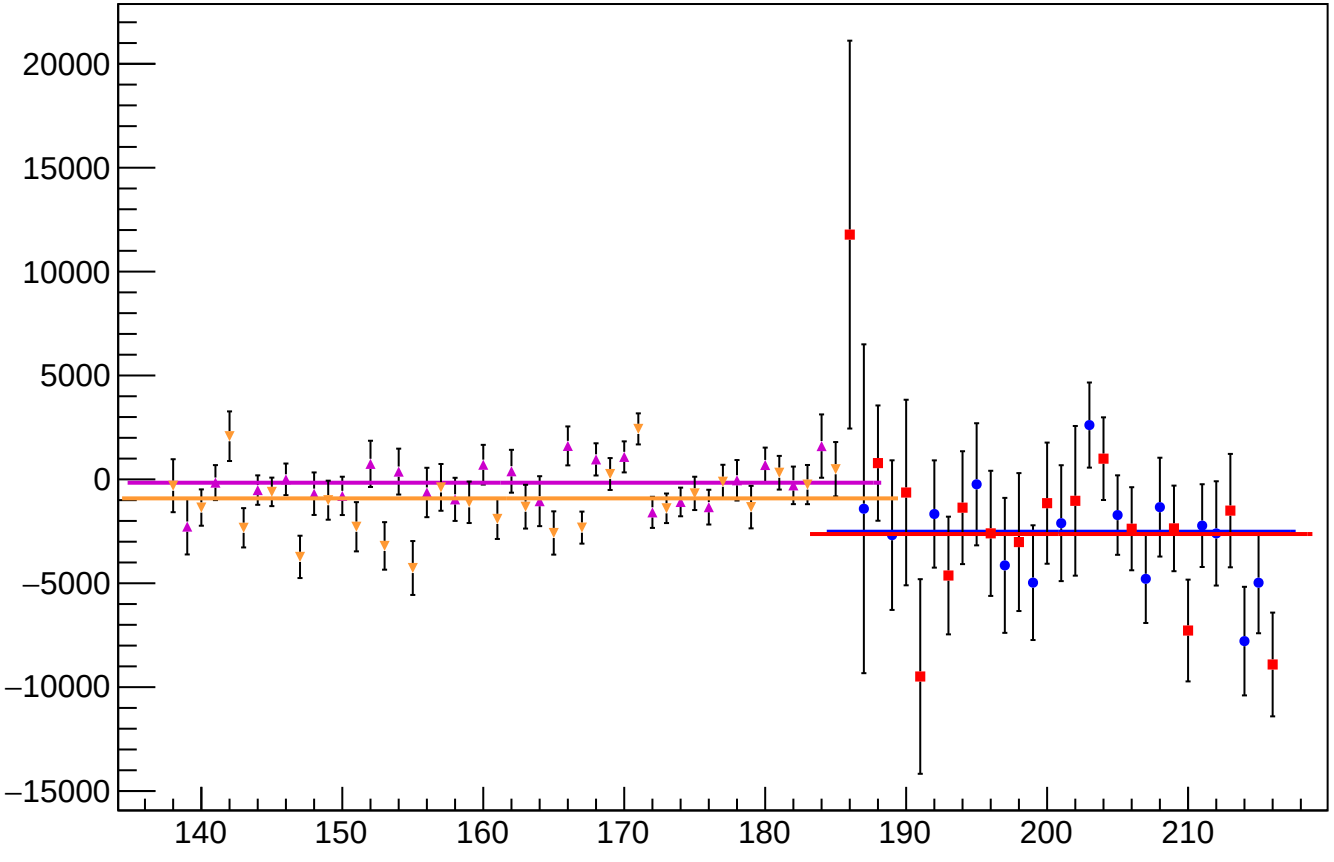
Left In: 92.466+/-0.016 χ^2/NDF:655700.4/22

+ sign 102.058+/-0.014 χ^2/NDF: 4638178.4/39

All: 102.860+/-0.010 χ^2/NDF: 10080537.8/78

- sign 103.728+/-0.015 χ^2/NDF: 5435547.4/38

asym_sam_3748_avg_correction_mean vs Slug



Right In: -2519.128+/-652.373 χ^2/NDF: 14.7/14

Left Out: -914.719+/-185.341 χ^2/NDF:64.2/24

Right Out: -2630.449+/-691.182 χ^2/NDF: 20.9/15

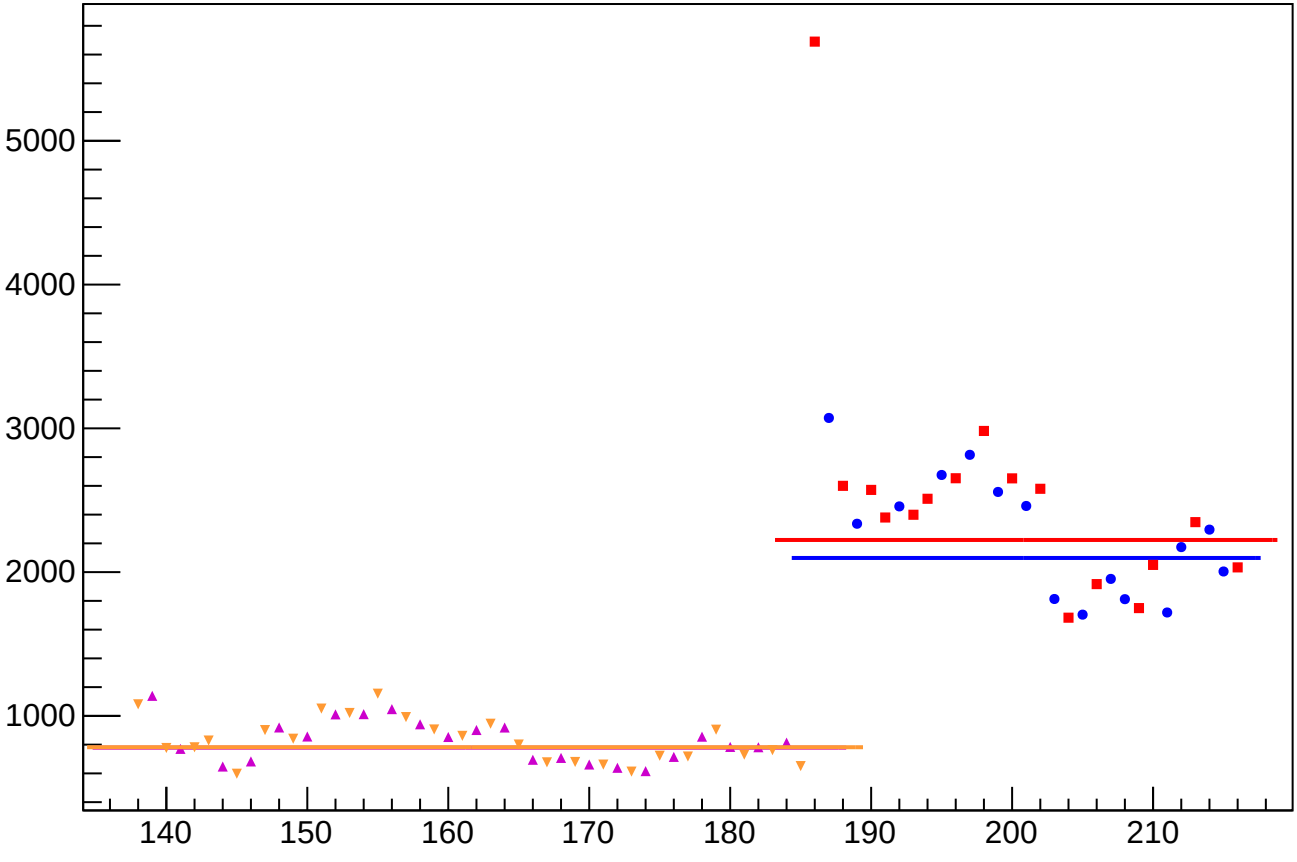
Left In: -161.076+/-189.491 χ^2/NDF:25.1/22

+ sign -1034.546+/-178.285 χ^2/NDF: 84.5/39

All: -692.784+/-127.615 χ^2/NDF: 149.9/78

- sign -333.702+/-182.747 χ^2/NDF: 57.8/38

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2098.487+/-0.461 χ^2/NDF: 592297.2/14

Left Out: 782.042+/-0.131 χ^2/NDF:1130984.3/24

Right Out: 2223.679+/-0.489 χ^2/NDF: 891344.1/15

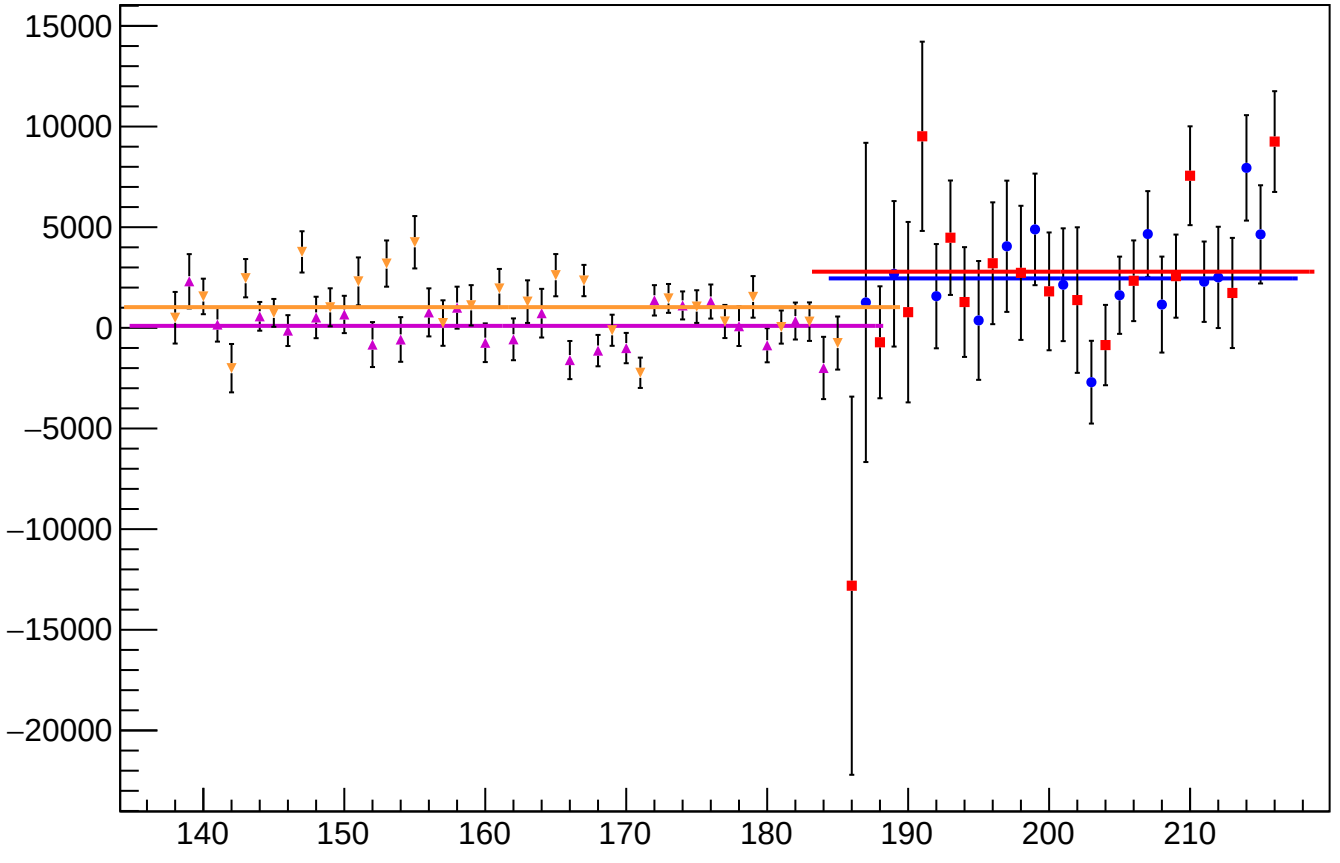
Left In: 778.995+/-0.134 χ^2/NDF:980243.4/22

+ sign 880.362+/-0.126 χ^2/NDF: 9259137.8/39

All: 880.179+/-0.090 χ^2/NDF: 19257493.7/78

- sign 879.987+/-0.129 χ^2/NDF: 9998351.6/38

asym_sam_3748_avg_mean vs Slug



Right In: 2455.715+/-654.416 χ^2/NDF: 14.7/14

Left Out: 1028.864+/-186.810 χ^2/NDF:60.2/24

Right Out: 2790.223+/-693.366 χ^2/NDF: 21.5/15

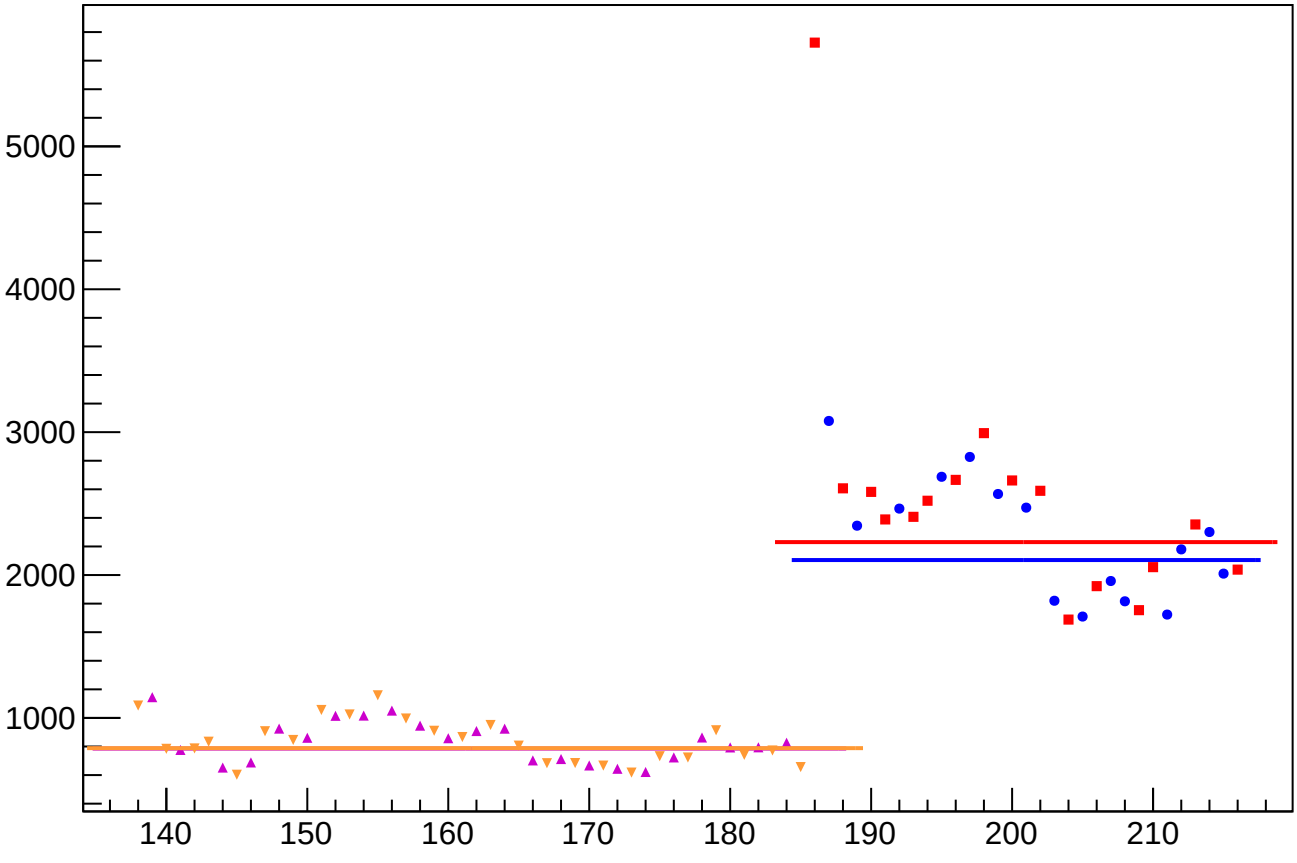
Left In: 98.691+/-191.027 χ^2/NDF:25.4/22

+ sign 1136.374+/-179.635 χ^2/NDF: 79.3/39

All: 723.032+/-128.593 χ^2/NDF: 151.0/78

- sign 288.576+/-184.165 χ^2/NDF: 60.9/38

asym_sam_3748_avg_rms vs Slug



Right In: 2104.935+/-0.463 χ^2/NDF: 594712.3/14

Left Out: 788.442+/-0.132 χ^2/NDF:1113741.6/24

Right Out: 2230.503+/-0.490 χ^2/NDF: 895337.6/15

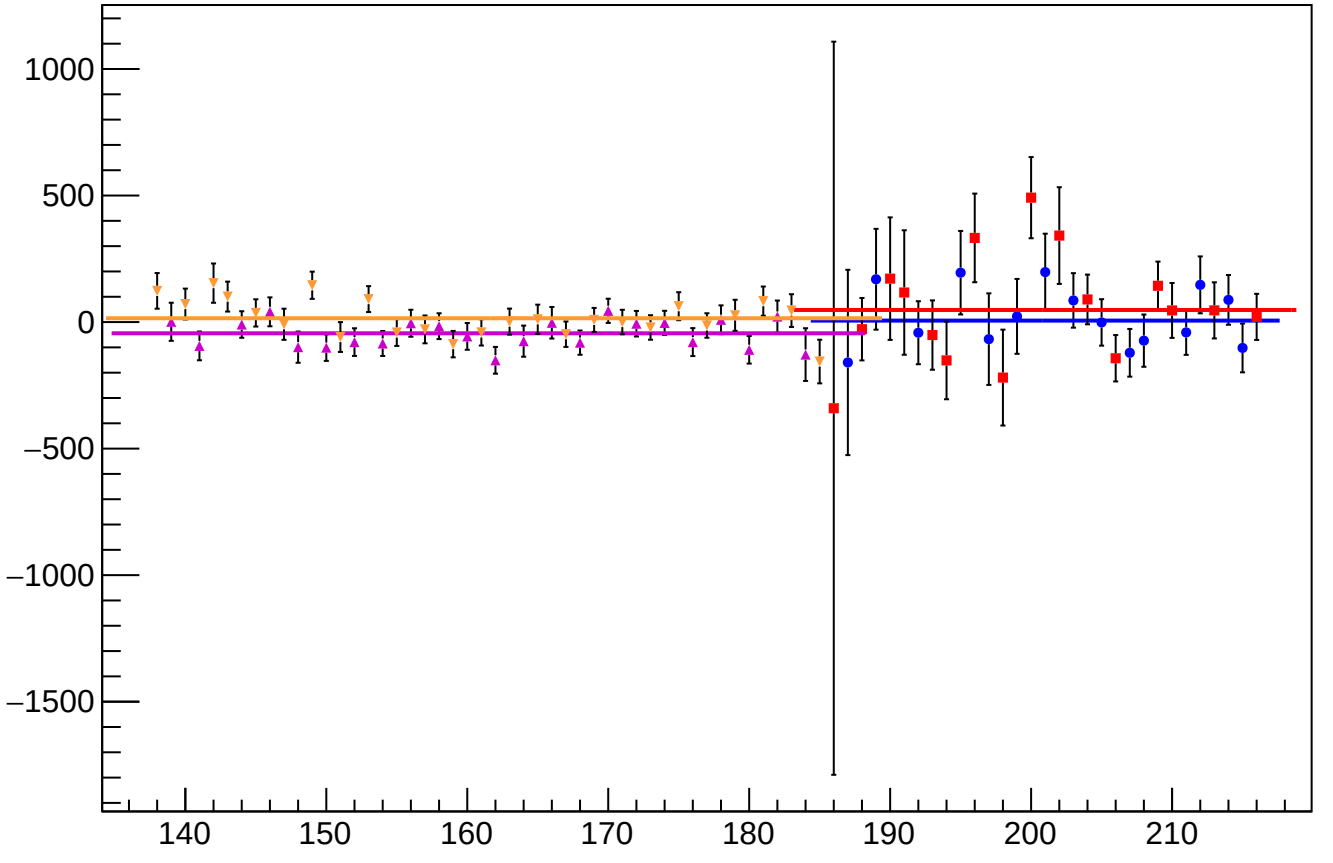
Left In: 785.490+/-0.135 χ^2/NDF:965338.9/22

\+ sign 887.637+/-0.127 χ^2/NDF: 9192515.3/39

All: 887.538+/-0.091 χ^2/NDF: 19126926.3/78

\- sign 887.434+/-0.130 χ^2/NDF: 9934409.7/38

reg_asym_sam_1526_avg_mean vs Slug



Right In: 5.813+/-30.395 χ^2/NDF: 10.9/14

Left Out: 15.099+/-11.154 χ^2/NDF:34.2/24

Right Out: 47.816+/-32.589 χ^2/NDF: 23.3/15

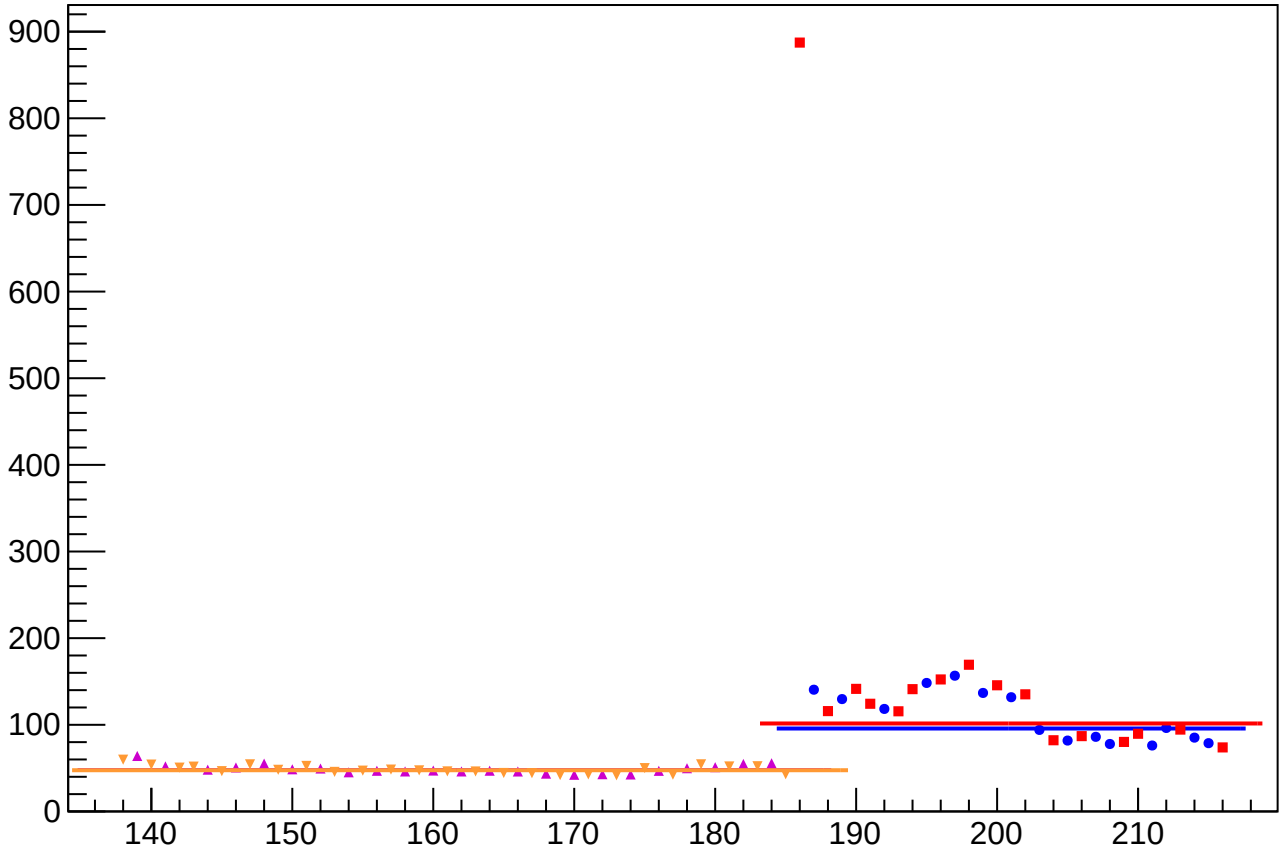
Left In: -44.297+/-11.530 χ^2/NDF:22.3/22

+ sign 13.997+/-10.471 χ^2/NDF: 45.2/39

All: -9.131+/-7.541 χ^2/NDF: 108.0/78

- sign -34.050+/-10.869 χ^2/NDF: 52.7/38

reg_asym_sam_1526_avg_rms vs Slug



Right In: 95.719+/-0.021 χ^2/NDF: 1161000.7/14

Left Out: 47.586+/-0.008 χ^2/NDF:312874.8/24

Right Out: 101.534+/-0.023 χ^2/NDF: 1923012.5/15

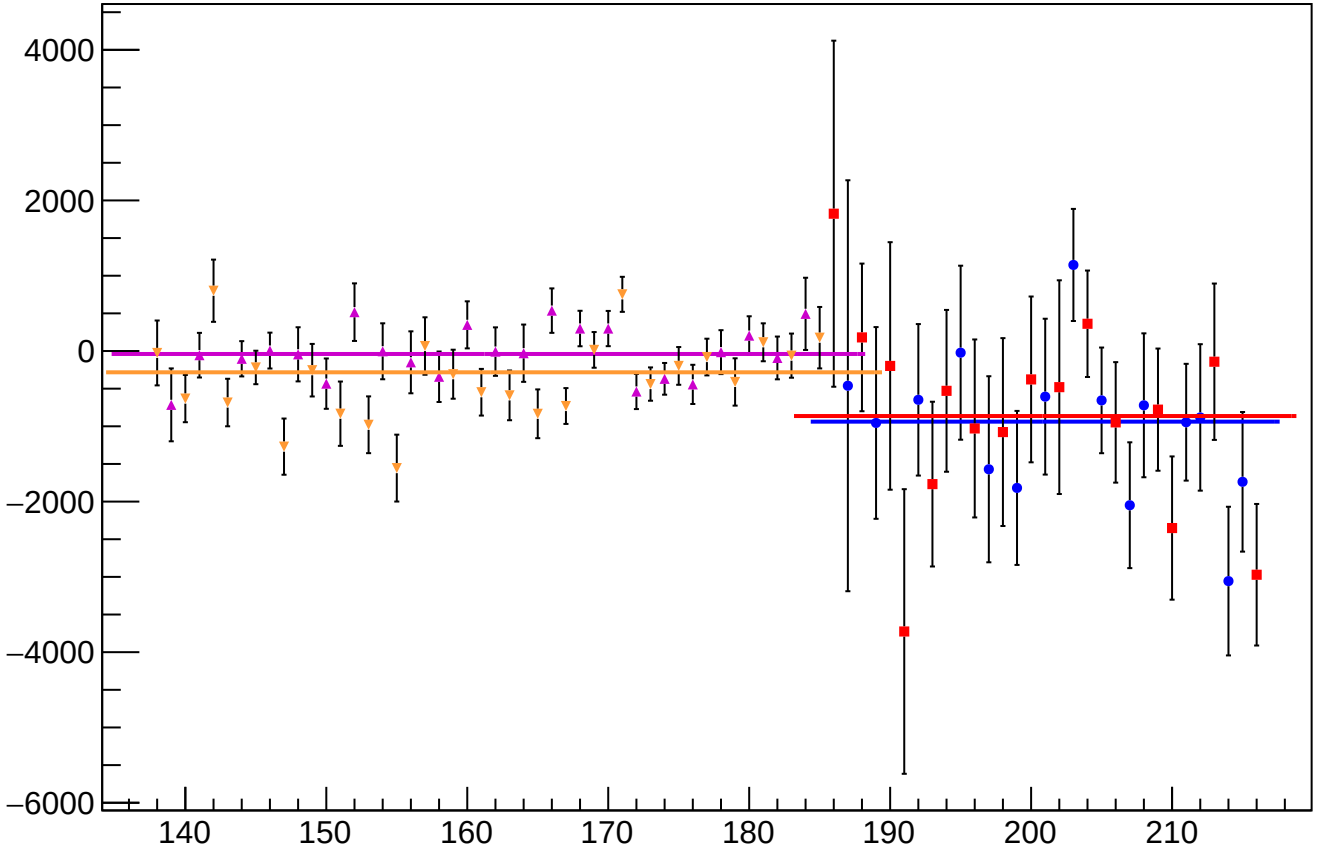
Left In: 47.846+/-0.008 χ^2/NDF:281790.1/22

+ sign 53.299+/-0.007 χ^2/NDF: 5894131.4/39

All: 53.549+/-0.005 χ^2/NDF: 12925431.4/78

- sign 53.818+/-0.008 χ^2/NDF: 7028932.1/38

asym_sam_1526_avg_correction_mean vs Slug



Right In: -938.164+/-247.663 χ^2/NDF: 17.0/14

Left Out: -282.798+/-59.690 χ^2/NDF:66.5/24

Right Out: -863.607+/-262.565 χ^2/NDF: 17.0/15

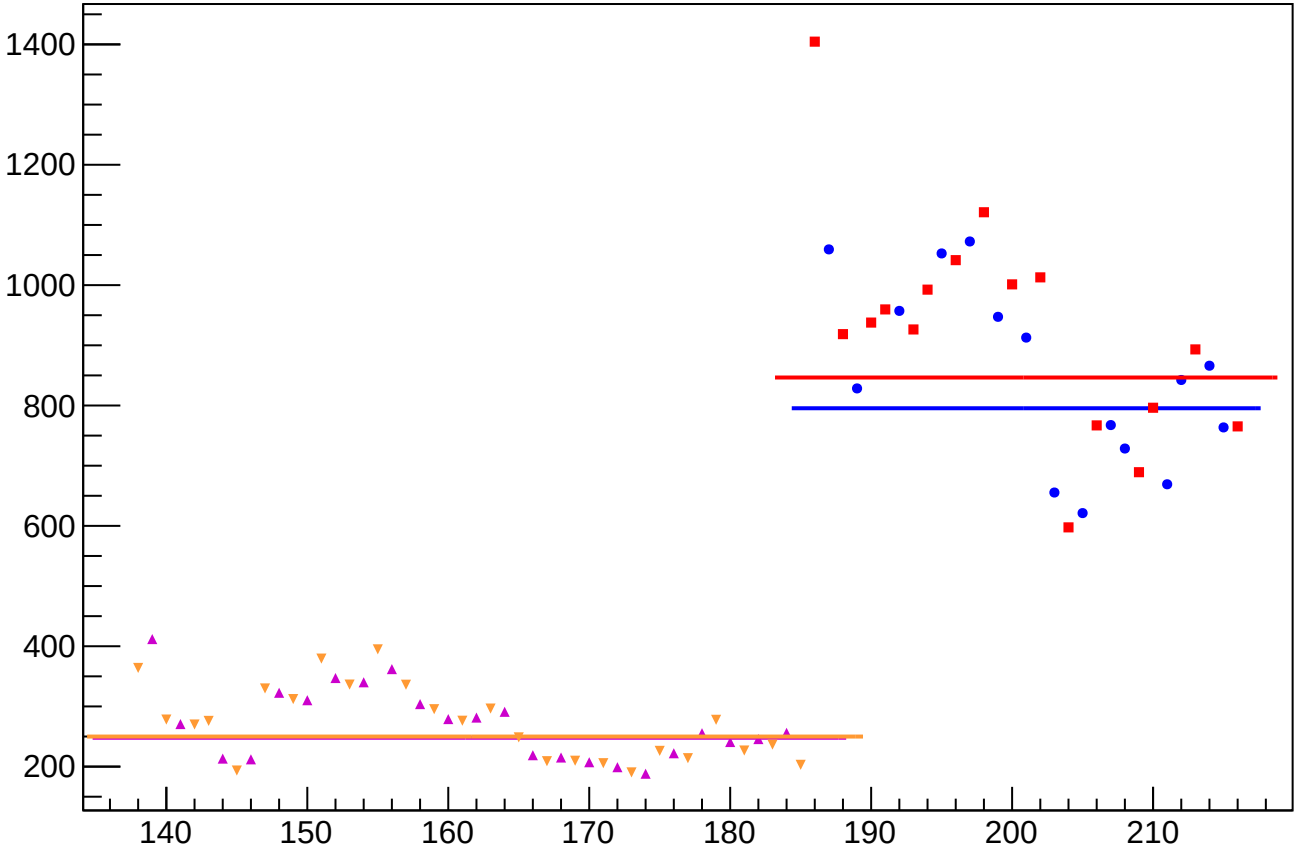
Left In: -39.432+/-60.759 χ^2/NDF:27.5/22

+ sign -318.777+/-58.028 χ^2/NDF: 90.1/39

All: -202.412+/-41.438 χ^2/NDF: 152.3/78

- sign -81.322+/-59.195 χ^2/NDF: 53.9/38

asym_sam_1526_avg_correction_rms vs Slug



Right In: 795.436+/-0.175 χ^2/NDF: 617697.6/14

Left Out: 249.956+/-0.042 χ^2/NDF:1614205.9/24

Right Out: 846.510+/-0.186 χ^2/NDF: 775542.5/15

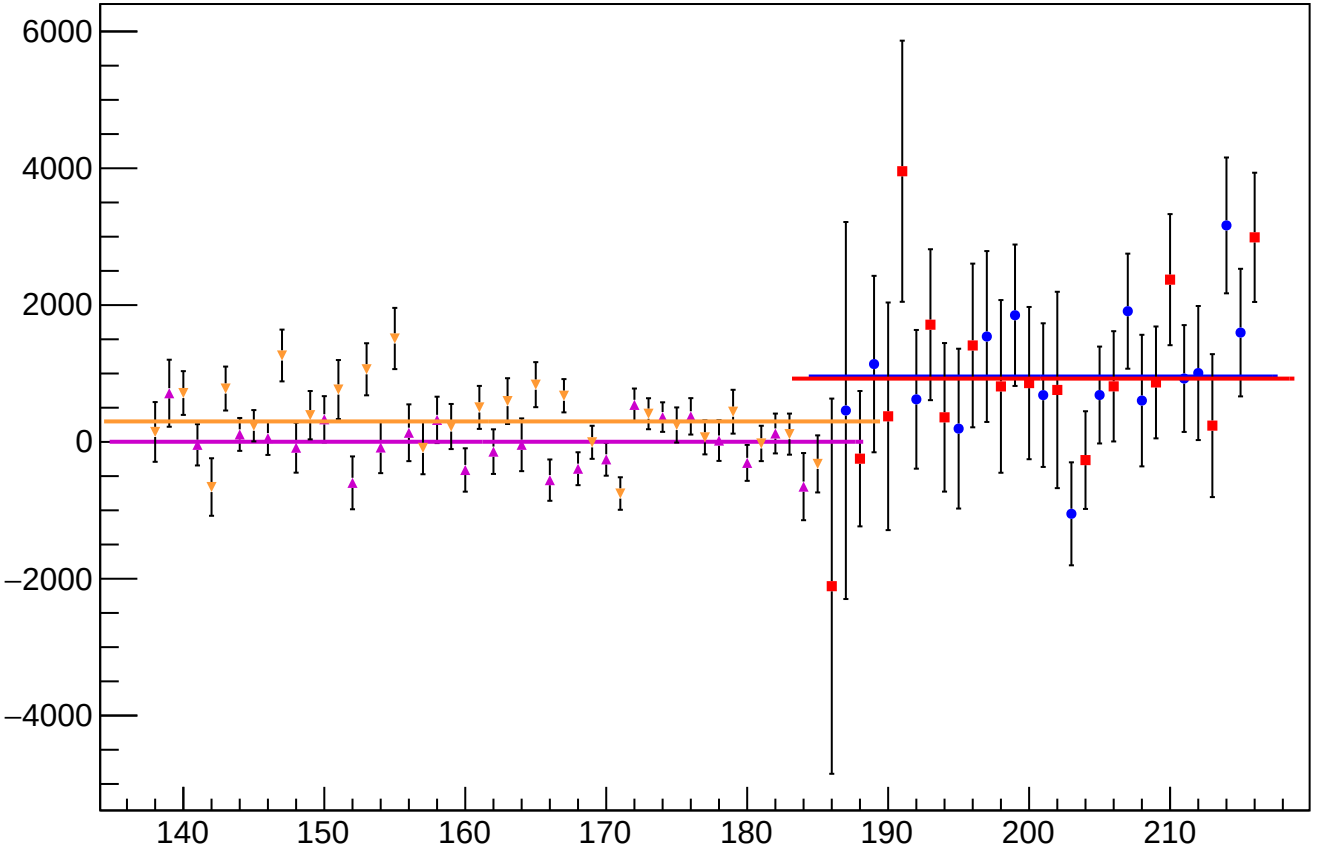
Left In: 247.917+/-0.043 χ^2/NDF:1410847.5/22

+ sign 279.902+/-0.041 χ^2/NDF: 11401366.5/39

All: 279.137+/-0.029 χ^2/NDF: 23454986.8/78

- sign 278.341+/-0.042 χ^2/NDF: 12052911.0/38

asym_sam_1526_avg_mean vs Slug



Right In: 956.008+/-249.823 χ^2/NDF: 15.7/14

Left Out: 299.562+/-60.860 χ^2/NDF:62.5/24

Right Out: 925.500+/-265.352 χ^2/NDF: 16.5/15

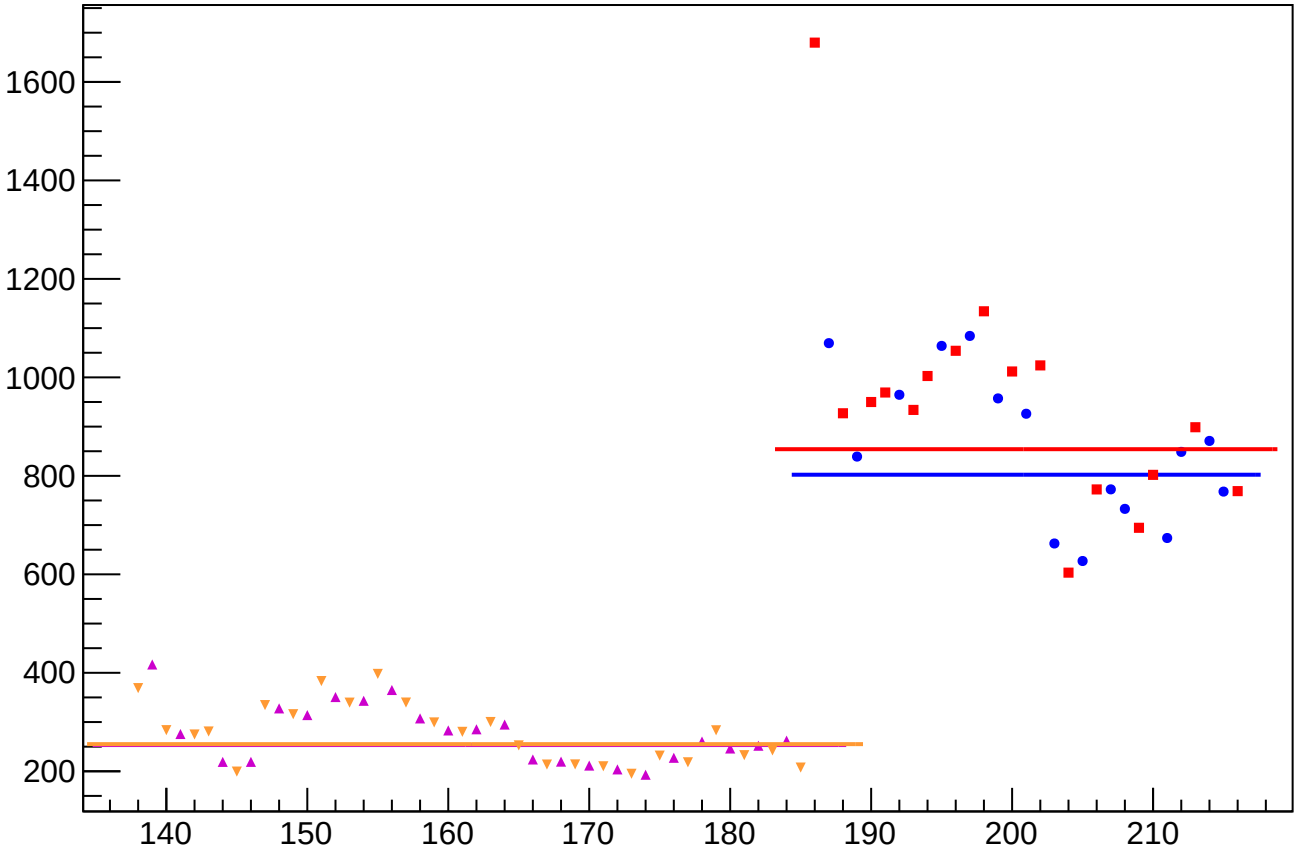
Left In: 2.185+/-62.005 χ^2/NDF:29.2/22

+ sign 336.337+/-59.130 χ^2/NDF: 84.7/39

All: 196.153+/-42.246 χ^2/NDF: 153.4/78

- sign 49.990+/-60.378 χ^2/NDF: 57.2/38

asym_sam_1526_avg_rms vs Slug



Right In: 802.296+/-0.177 χ^2/NDF: 621816.5/14

Left Out: 255.135+/-0.043 χ^2/NDF:1542039.5/24

Right Out: 854.142+/-0.188 χ^2/NDF: 845809.1/15

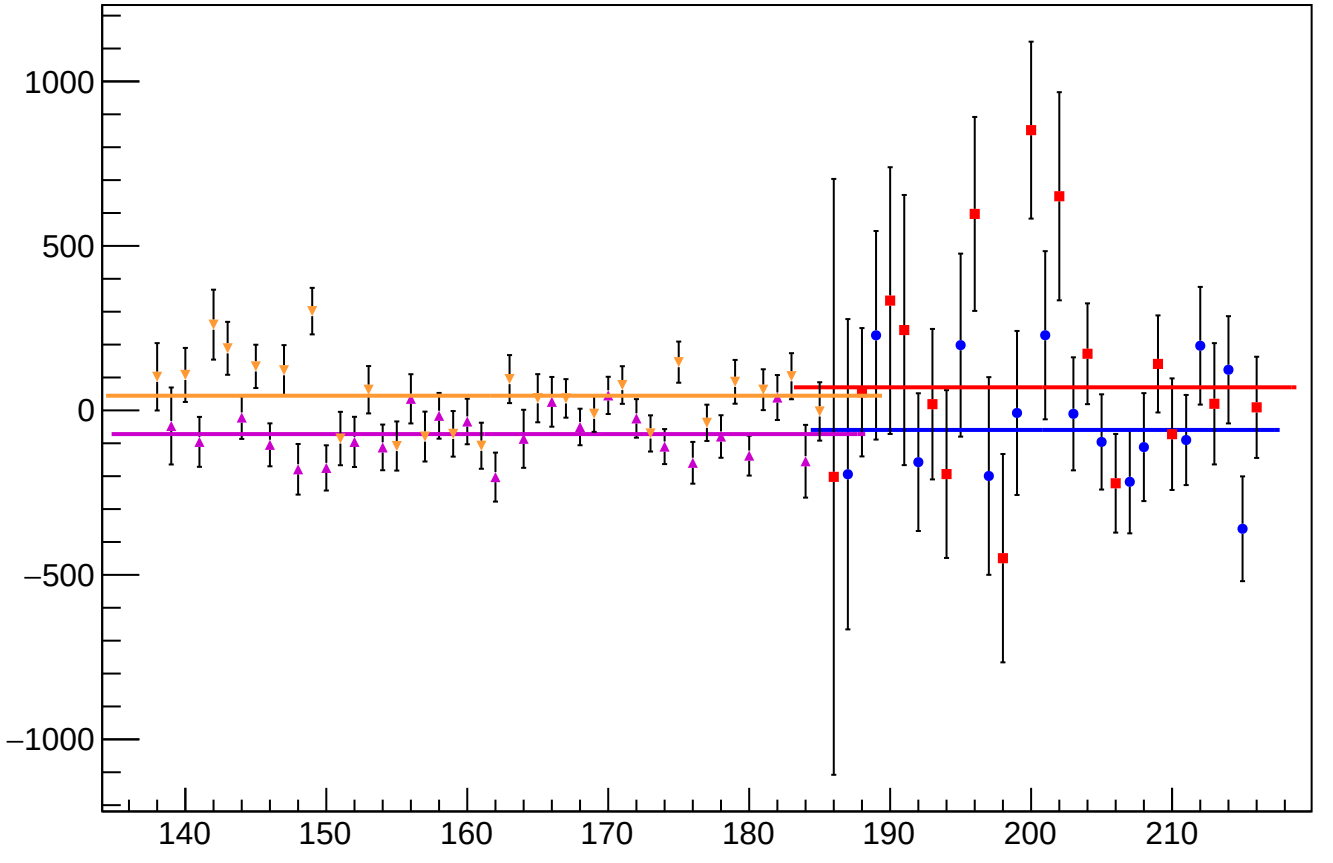
Left In: 253.287+/-0.044 χ^2/NDF:1341662.3/22

+ sign 285.788+/-0.042 χ^2/NDF: 11220280.0/39

All: 285.107+/-0.030 χ^2/NDF: 23132110.4/78

- sign 284.396+/-0.043 χ^2/NDF: 11911288.0/38

reg_asym_sam_3726_avg_mean vs Slug



Right In: -59.428+/-49.162 χ^2/NDF: 11.7/14

Left Out: 44.602+/-13.824 χ^2/NDF:53.9/24

Right Out: 70.179+/-52.795 χ^2/NDF: 24.9/15

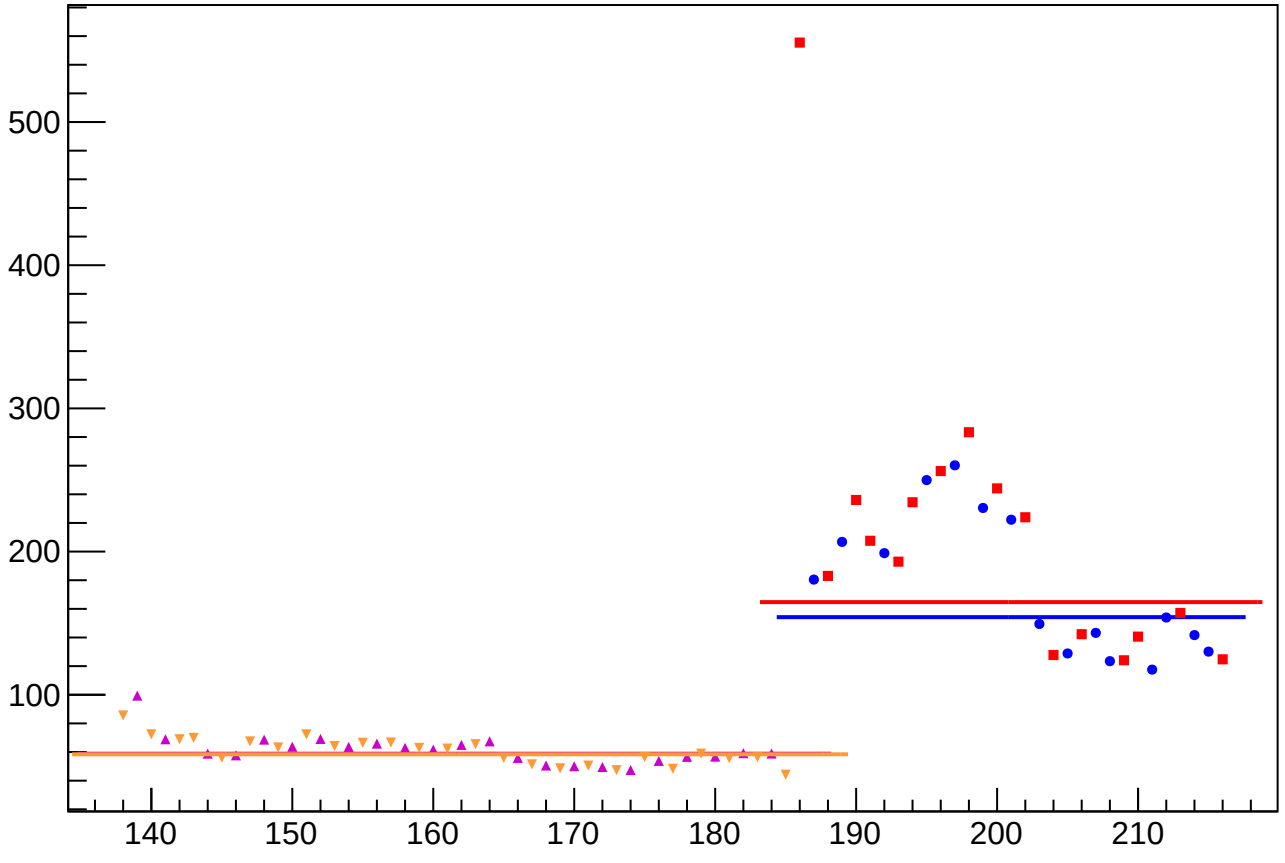
Left In: -72.037+/-14.296 χ^2/NDF:25.3/22

+ sign 36.979+/-13.308 χ^2/NDF: 69.7/39

All: -10.872+/-9.579 χ^2/NDF: 153.6/78

- sign -62.321+/-13.799 χ^2/NDF: 57.0/38

reg_asym_sam_3726_avg_rms vs Slug



Right In: 154.209+/-0.035 χ^2/NDF: 1310762.9/14

Left Out: 58.423+/-0.010 χ^2/NDF:790091.3/24

Right Out: 164.705+/-0.037 χ^2/NDF: 1863275.2/15

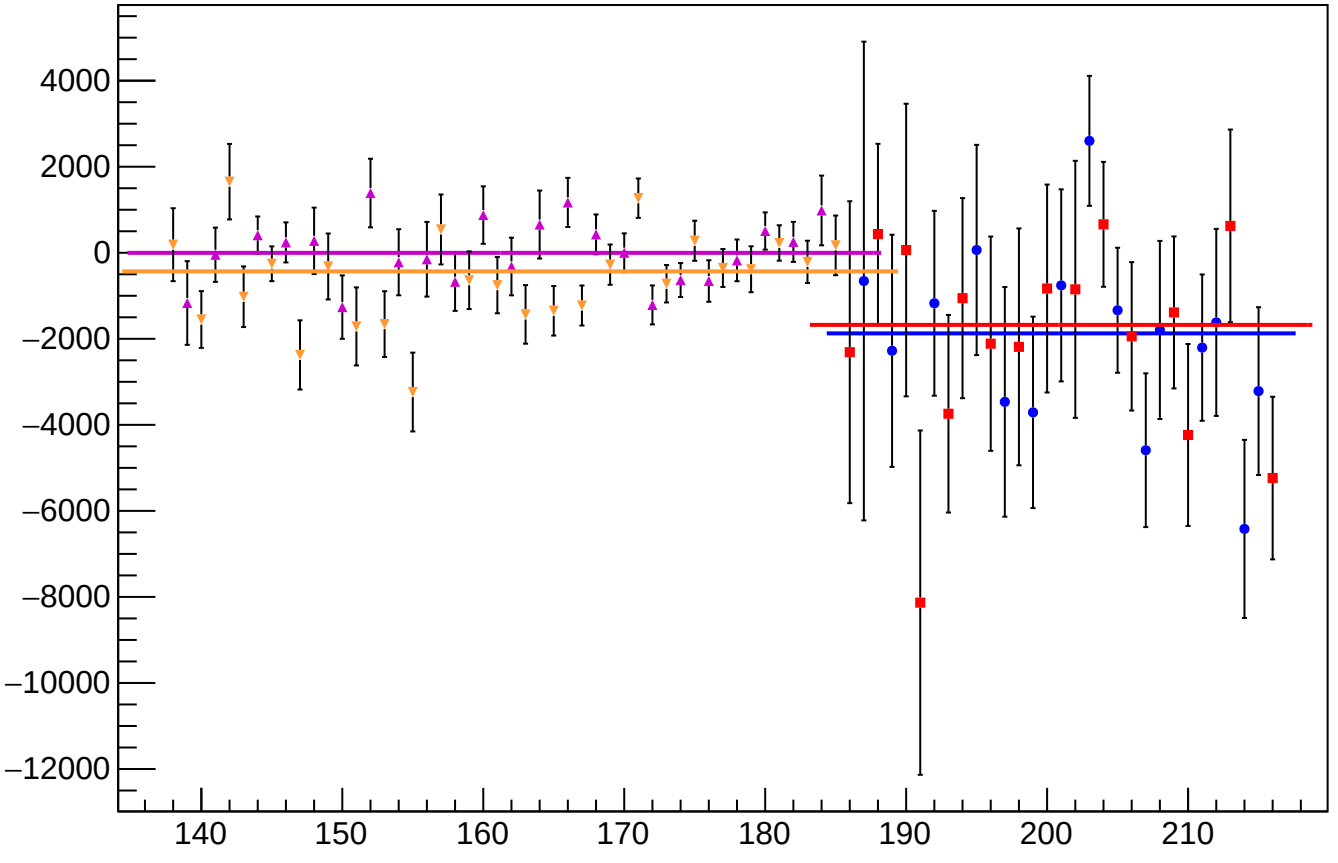
Left In: 58.840+/-0.010 χ^2/NDF:679925.7/22

+ sign 65.442+/-0.009 χ^2/NDF: 9136756.0/39

All: 65.746+/-0.007 χ^2/NDF: 19174596.4/78

- sign 66.072+/-0.010 χ^2/NDF: 10035676.6/38

asym_sam_3726_avg_correction_mean vs Slug



Right In: -1874.155+/-526.387 χ^2/NDF: 18.7/14

Left Out: -432.330+/-114.408 χ^2/NDF:59.4/24

Right Out: -1676.304+/-555.356 χ^2/NDF: 13.8/15

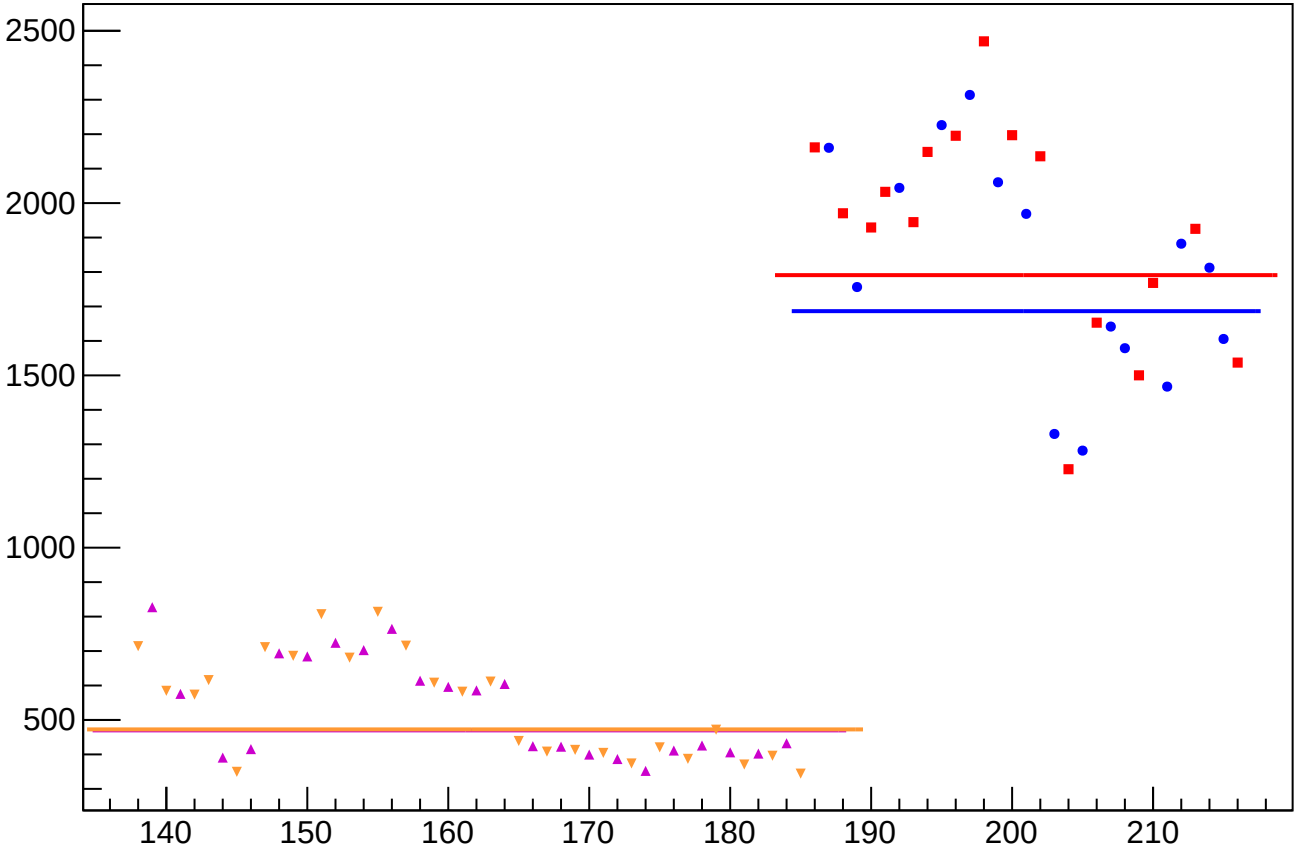
Left In: -1.825+/-116.459 χ^2/NDF:32.3/22

+ sign -497.368+/-111.798 χ^2/NDF: 85.2/39

All: -288.970+/-79.813 χ^2/NDF: 147.1/78

- sign -72.358+/-113.980 χ^2/NDF: 54.8/38

asym_sam_3726_avg_correction_rms vs Slug



Right In: 1686.421+/-0.372 χ^2/NDF: 701351.2/14

Left Out: 472.569+/-0.081 χ^2/NDF:2508168.9/24

Right Out: 1790.945+/-0.393 χ^2/NDF: 772787.1/15

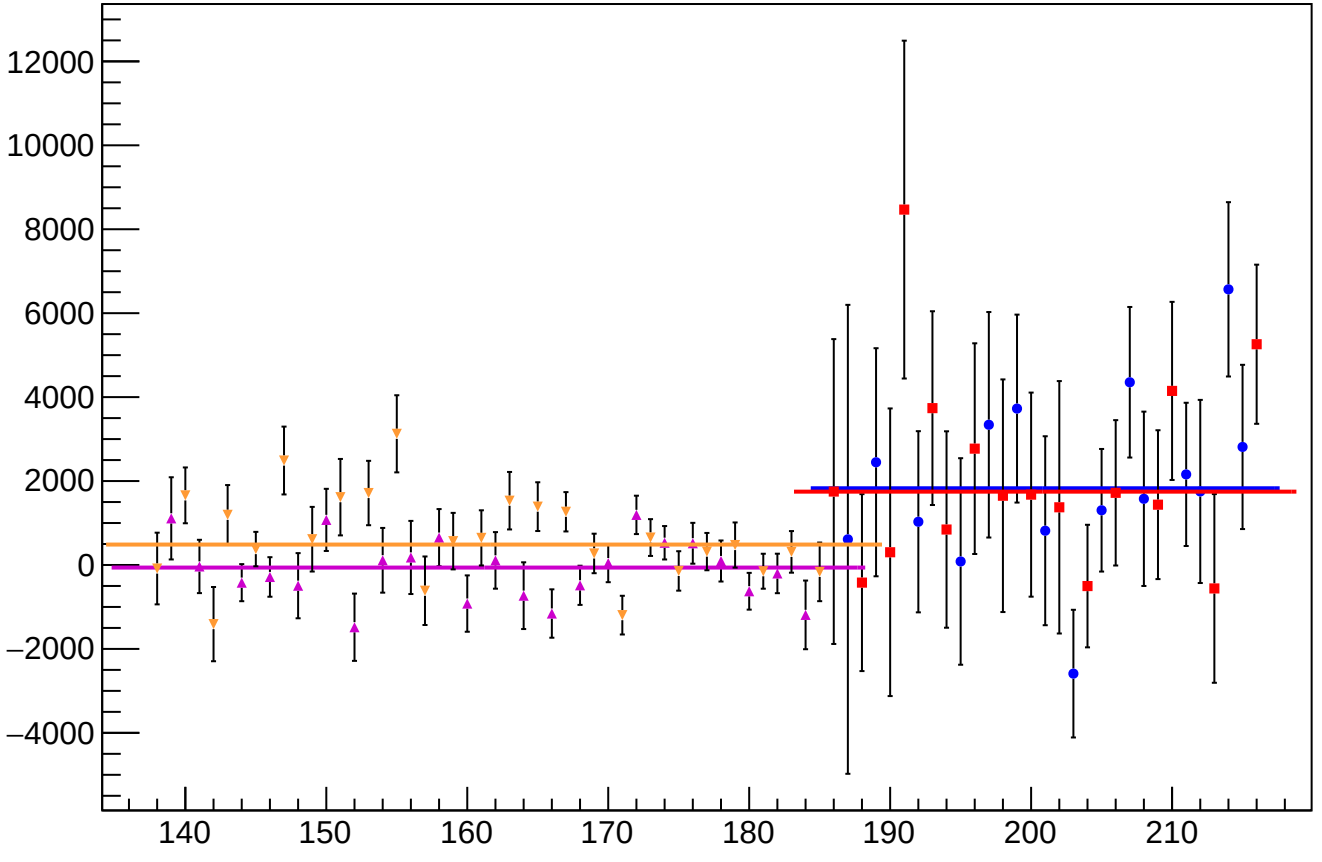
Left In: 469.761+/-0.082 χ^2/NDF:2116885.7/22

+ sign 527.324+/-0.079 χ^2/NDF: 13365104.1/39

All: 526.387+/-0.056 χ^2/NDF: 27097436.2/78

- sign 525.413+/-0.081 χ^2/NDF: 13732045.5/38

asym_sam_3726_avg_mean vs Slug



Right In: 1828.033+/-529.091 χ^2/NDF: 18.0/14

Left Out: 486.645+/-115.346 χ^2/NDF:56.0/24

Right Out: 1747.471+/-558.592 χ^2/NDF: 13.3/15

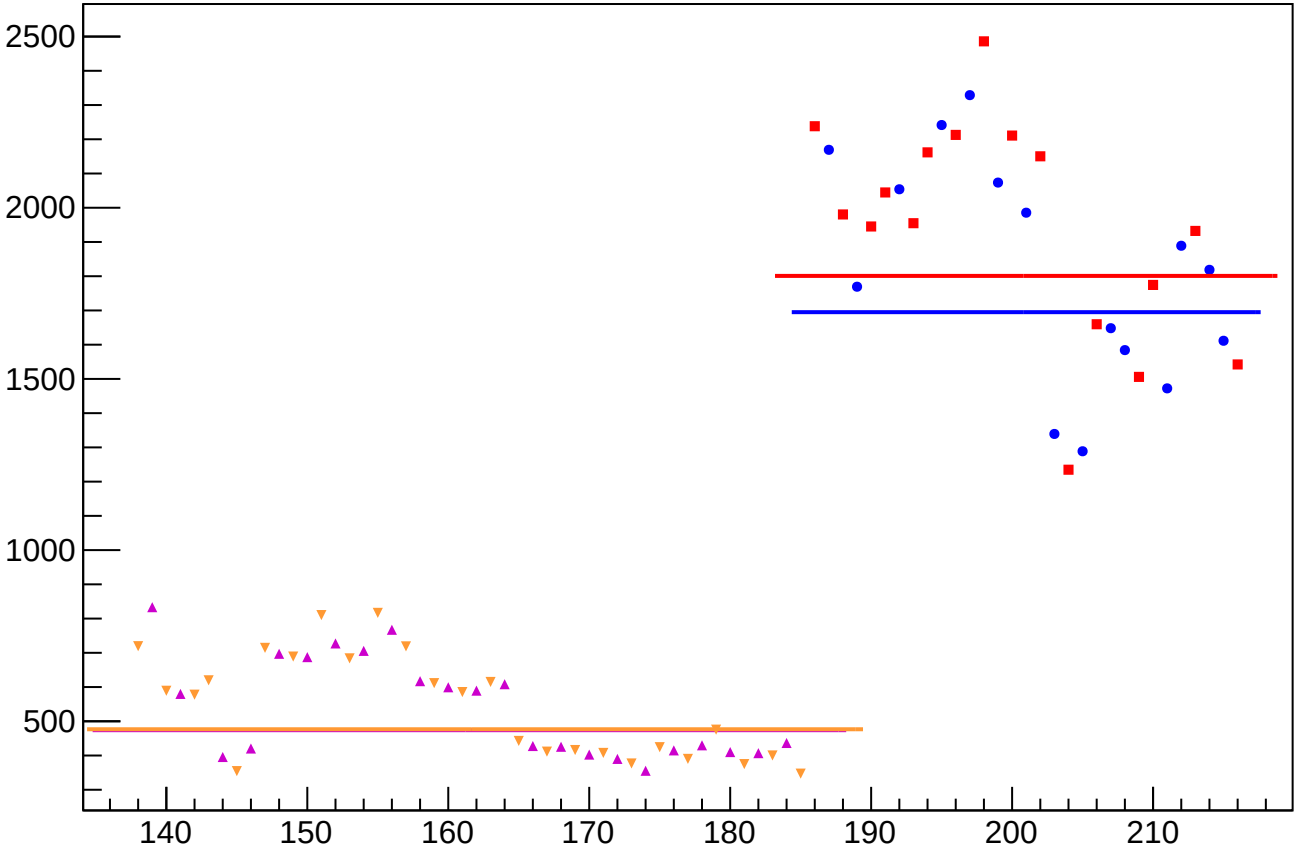
Left In: -61.775+/-117.449 χ^2/NDF:31.2/22

+ sign 547.506+/-112.699 χ^2/NDF: 80.2/39

All: 286.398+/-80.469 χ^2/NDF: 145.6/78

- sign 14.823+/-114.936 χ^2/NDF: 54.5/38

asym_sam_3726_avg_rms vs Slug



Right In: 1694.997+/-0.374 χ^2/NDF: 703421.5/14

Left Out: 476.690+/-0.082 χ^2/NDF:2472737.6/24

Right Out: 1800.927+/-0.395 χ^2/NDF: 784234.9/15

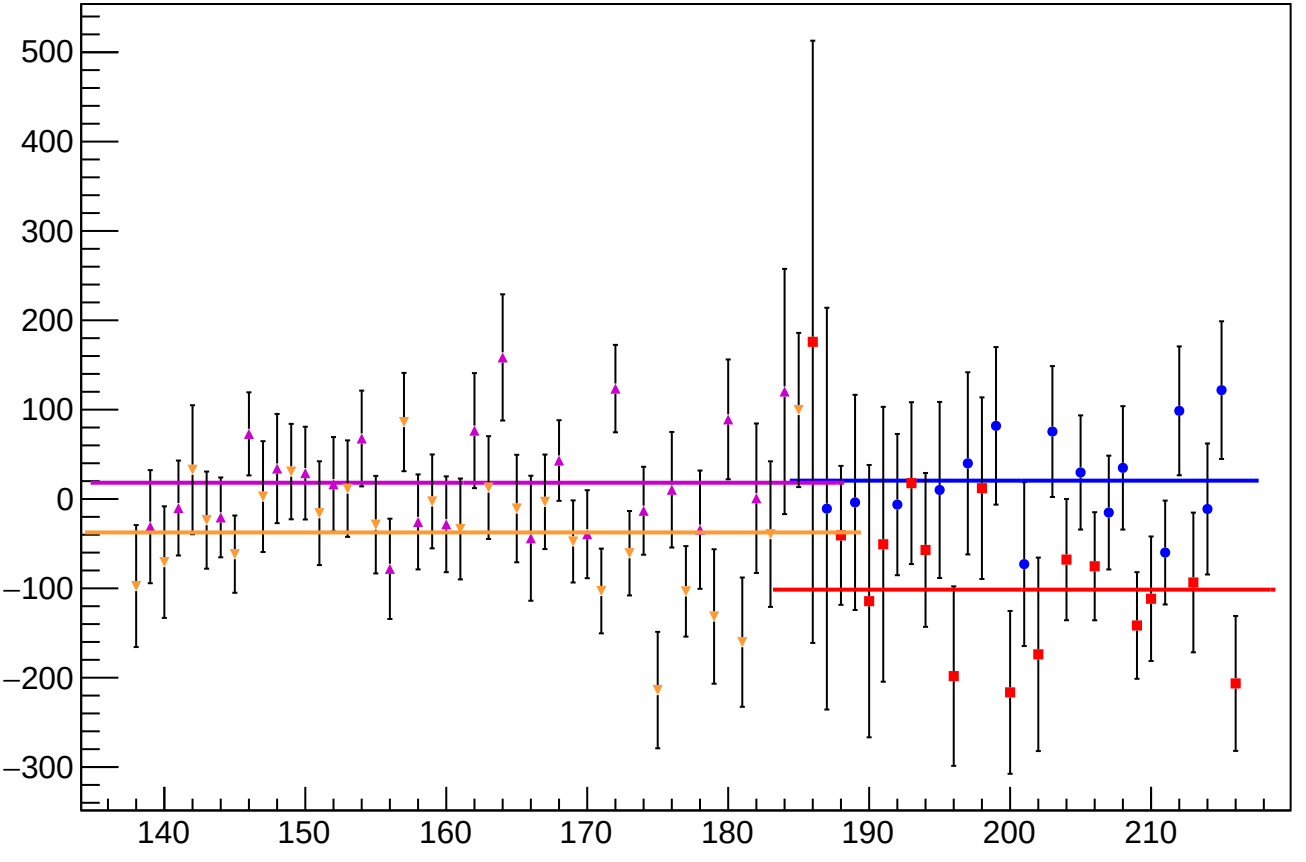
Left In: 473.983+/-0.083 χ^2/NDF:2087113.7/22

+ sign 531.966+/-0.080 χ^2/NDF: 13299369.1/39

All: 531.082+/-0.057 χ^2/NDF: 26979278.8/78

- sign 530.162+/-0.081 χ^2/NDF: 13679658.6/38

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 20.549+/-20.304 χ^2/NDF: 7.7/14

Left Out: -37.413+/-11.390 χ^2/NDF:30.5/24

Right Out: -101.457+/-21.157 χ^2/NDF: 10.5/15

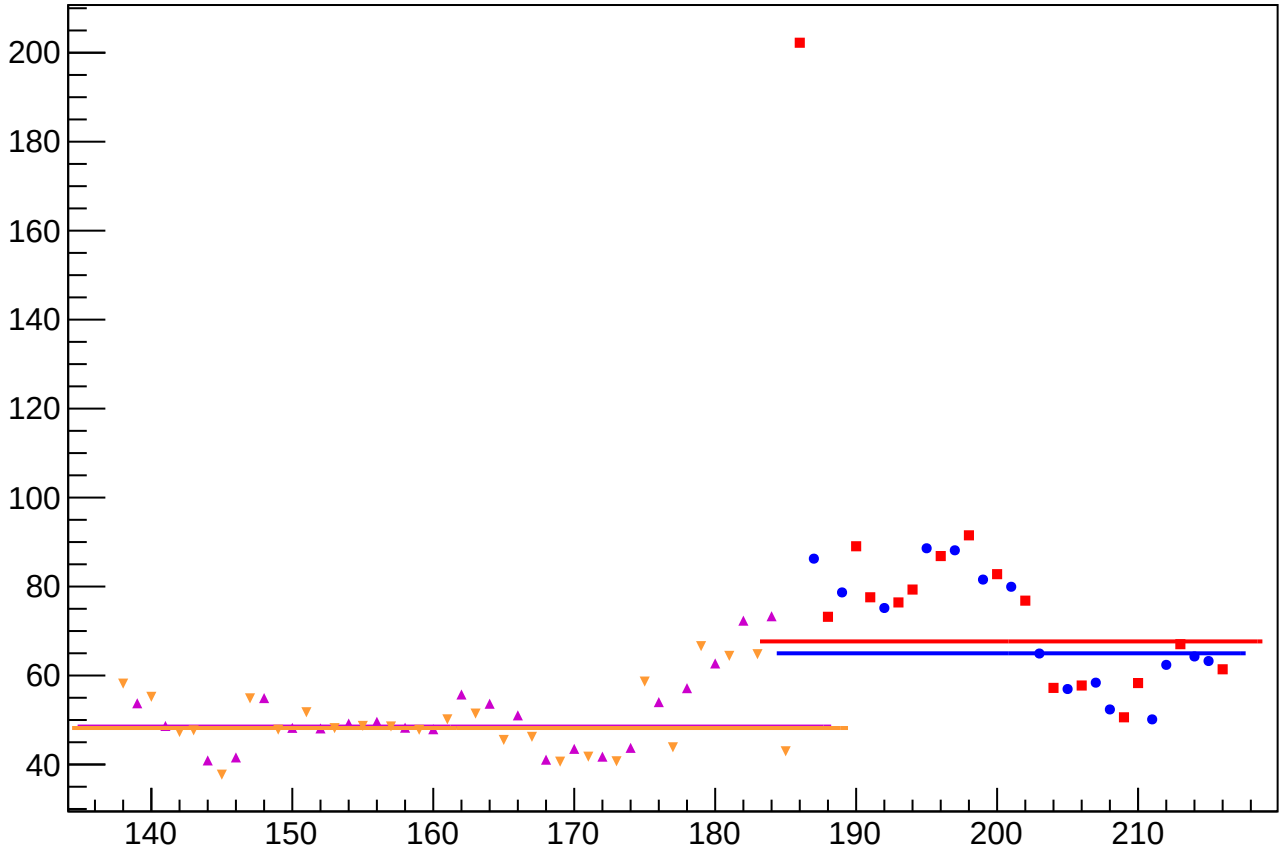
Left In: 18.210+/-11.788 χ^2/NDF:23.0/22

+ sign -23.539+/-9.934 χ^2/NDF: 44.4/39

All: -17.079+/-7.149 χ^2/NDF: 103.1/78

- sign -10.137+/-10.297 χ^2/NDF: 57.9/38

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 64.992+/-0.014 χ^2/NDF: 673000.1/14

Left Out: 48.200+/-0.008 χ^2/NDF:750196.2/24

Right Out: 67.666+/-0.015 χ^2/NDF: 999093.3/15

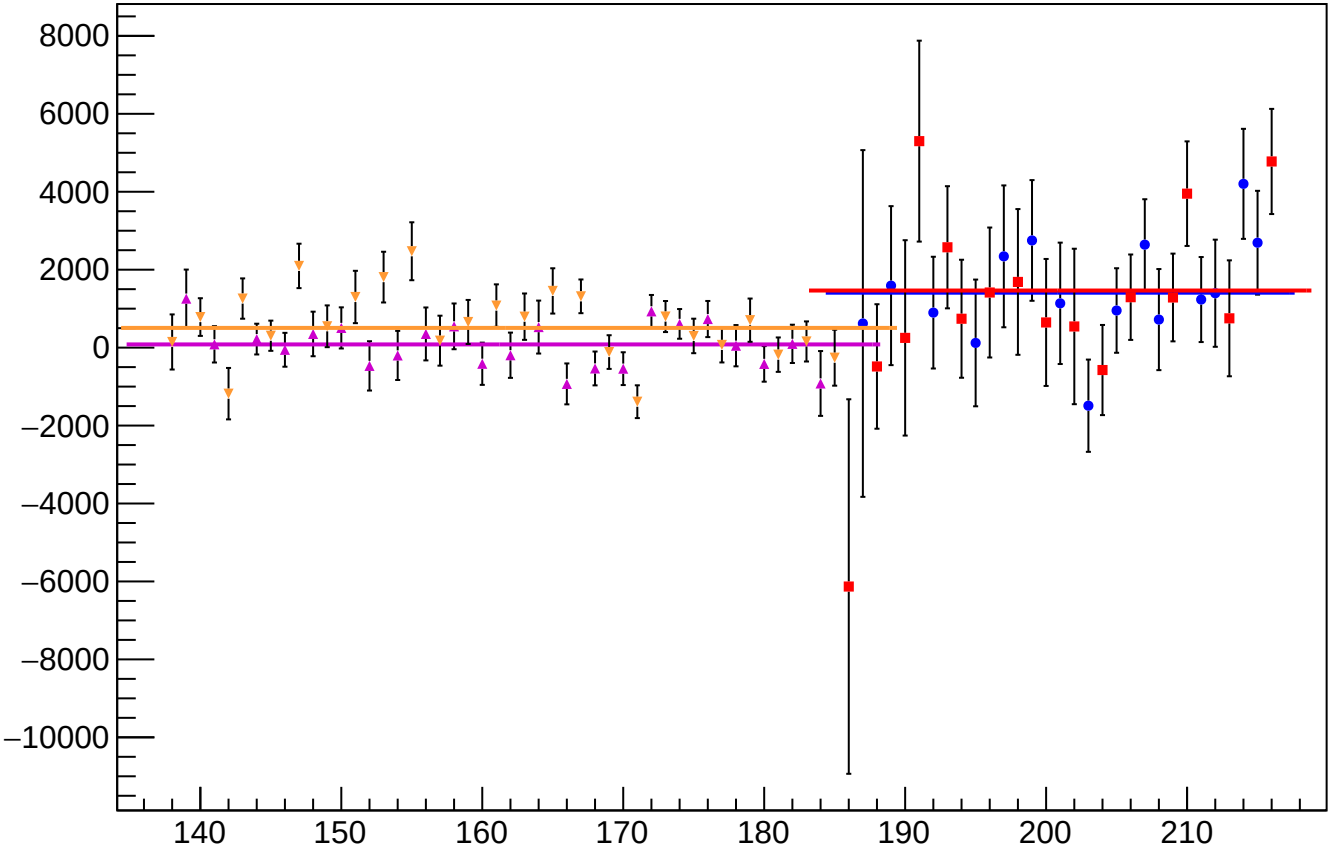
Left In: 48.527+/-0.008 χ^2/NDF:675340.8/22

+ sign 52.219+/-0.007 χ^2/NDF: 2463741.0/39

All: 52.625+/-0.005 χ^2/NDF: 5394025.8/78

- sign 53.060+/-0.007 χ^2/NDF: 2923365.5/38

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 1409.933+/-362.375 χ^2/NDF: 14.3/14

Left Out: 506.205+/-103.468 χ^2/NDF:65.7/24

Right Out: 1465.406+/-383.834 χ^2/NDF: 20.5/15

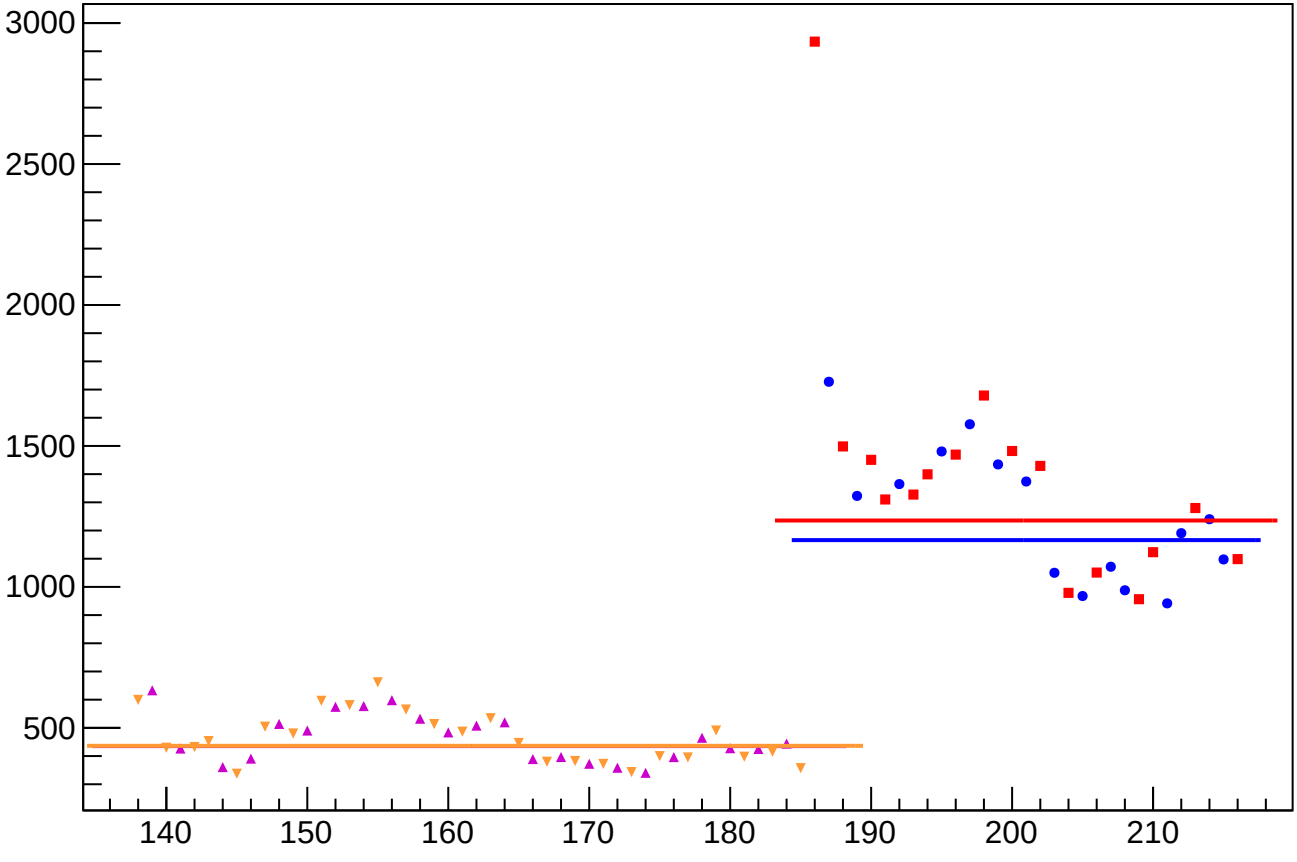
Left In: 82.421+/-105.935 χ^2/NDF:25.3/22

+ sign 574.328+/-99.492 χ^2/NDF: 85.7/39

All: 382.449+/-71.261 χ^2/NDF: 151.3/78

- sign 180.309+/-102.117 χ^2/NDF: 57.9/38

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1165.973+/-0.256 χ^2/NDF: 587469.4/14

Left Out: 436.301+/-0.073 χ^2/NDF:1179348.4/24

Right Out: 1235.518+/-0.271 χ^2/NDF: 881799.6/15

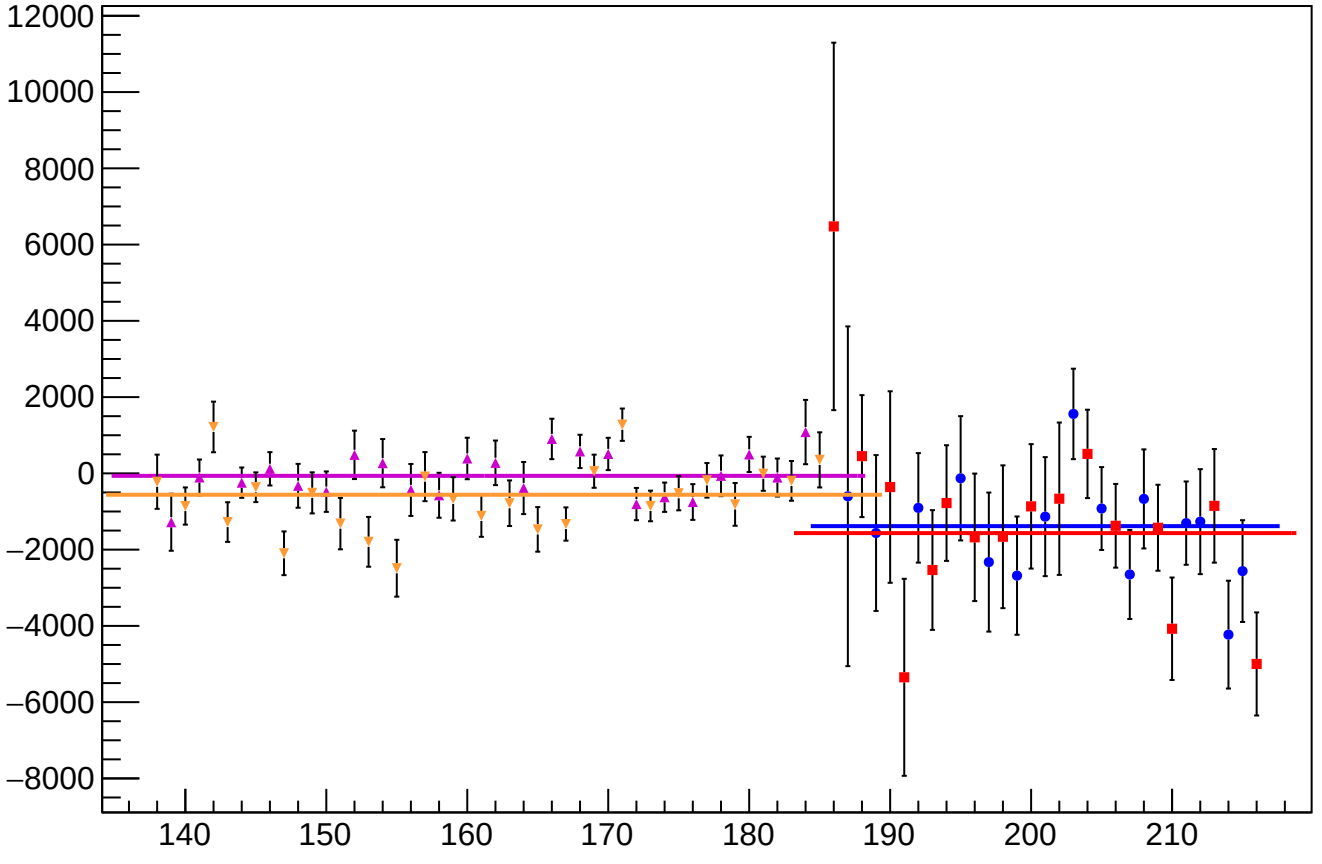
Left In: 435.275+/-0.075 χ^2/NDF:1027713.1/22

+ sign 491.304+/-0.070 χ^2/NDF: 9264580.8/39

All: 491.602+/-0.050 χ^2/NDF: 19252148.5/78

- sign 491.916+/-0.072 χ^2/NDF: 9987530.8/38

asym_sam_15_48_dd_mean vs Slug



Right In: -1383.775+/-362.978 χ^2/NDF: 14.4/14

Left Out: -560.684+/-104.207 χ^2/NDF:61.8/24

Right Out: -1566.053+/-384.459 χ^2/NDF: 21.2/15

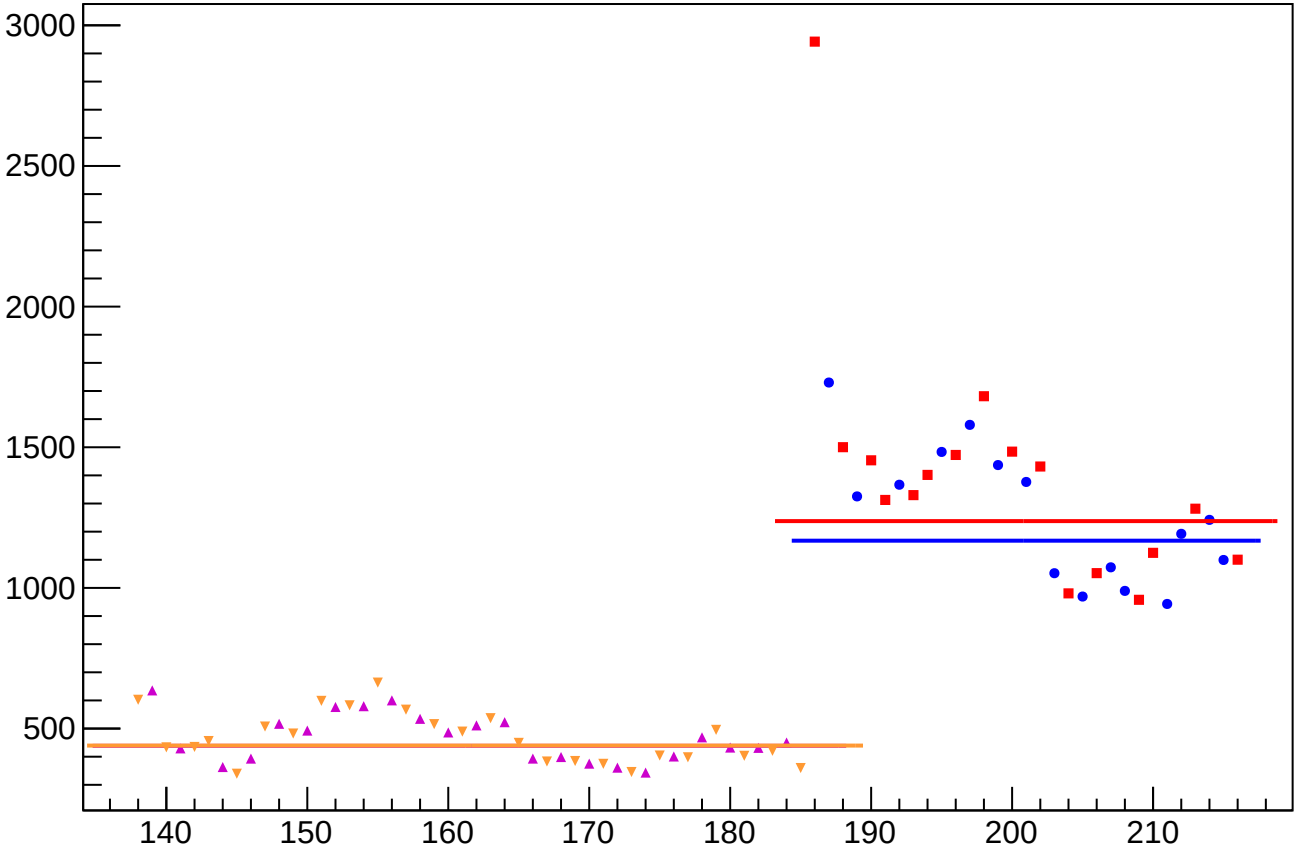
Left In: -64.594+/-106.708 χ^2/NDF:25.2/22

+ sign -623.358+/-100.161 χ^2/NDF: 80.9/39

All: -403.585+/-71.746 χ^2/NDF: 151.3/78

- sign -171.987+/-102.821 χ^2/NDF: 60.6/38

asym_sam_15_48_dd_rms vs Slug



Right In: 1167.909+/-0.257 χ^2/NDF: 587839.0/14

Left Out: 439.527+/-0.074 χ^2/NDF:1163352.8/24

Right Out: 1237.511+/-0.272 χ^2/NDF: 882502.9/15

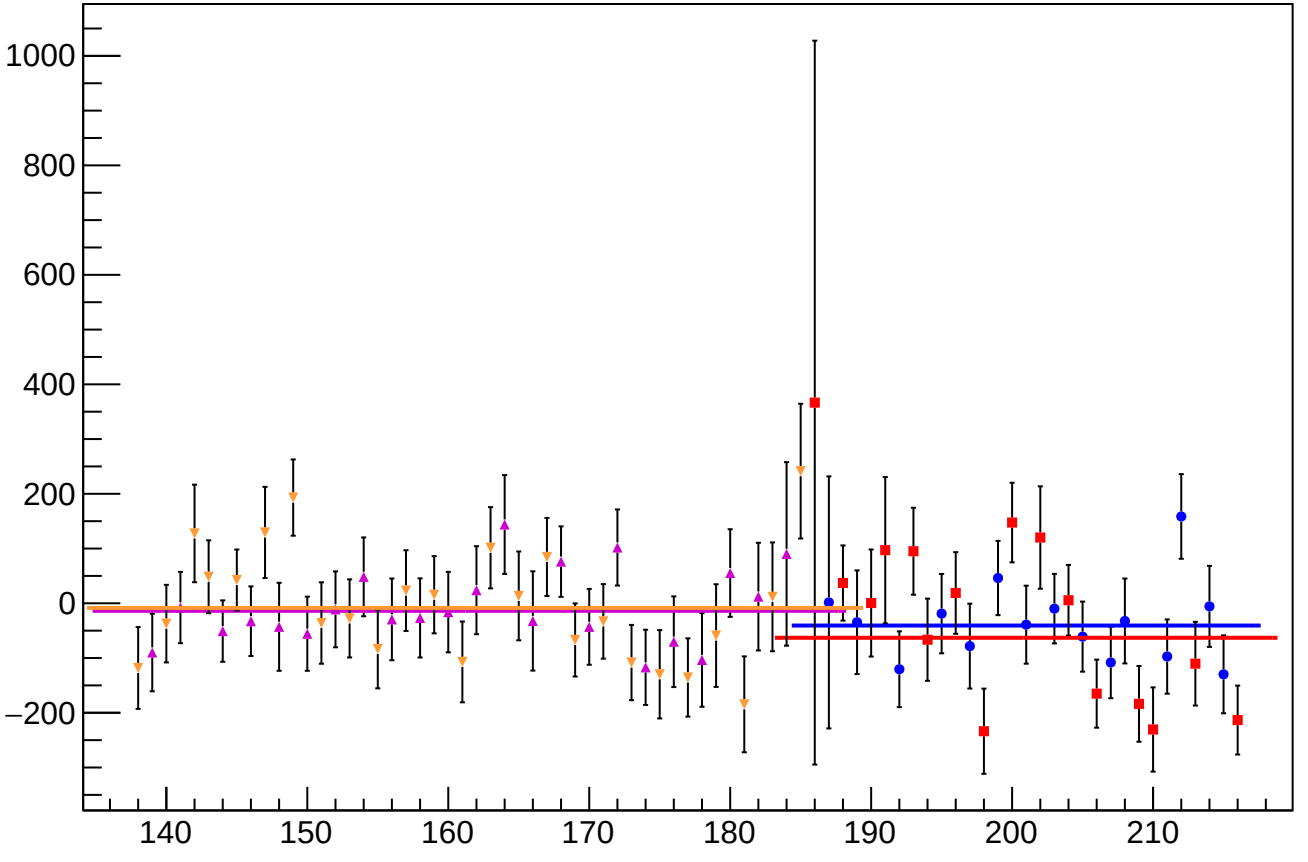
Left In: 438.548+/-0.075 χ^2/NDF:1013071.4/22

+ sign 494.989+/-0.071 χ^2/NDF: 9191501.1/39

All: 495.332+/-0.051 χ^2/NDF: 19106743.5/78

- sign 495.694+/-0.073 χ^2/NDF: 9915194.2/38

reg_asym_sam_37_48_dd_mean vs Slug



Right In: -40.663+/-19.008 χ^2/NDF: 13.9/14

Left Out: -8.416+/-14.935 χ^2/NDF:41.6/24

Right Out: -62.997+/-19.389 χ^2/NDF: 44.3/15

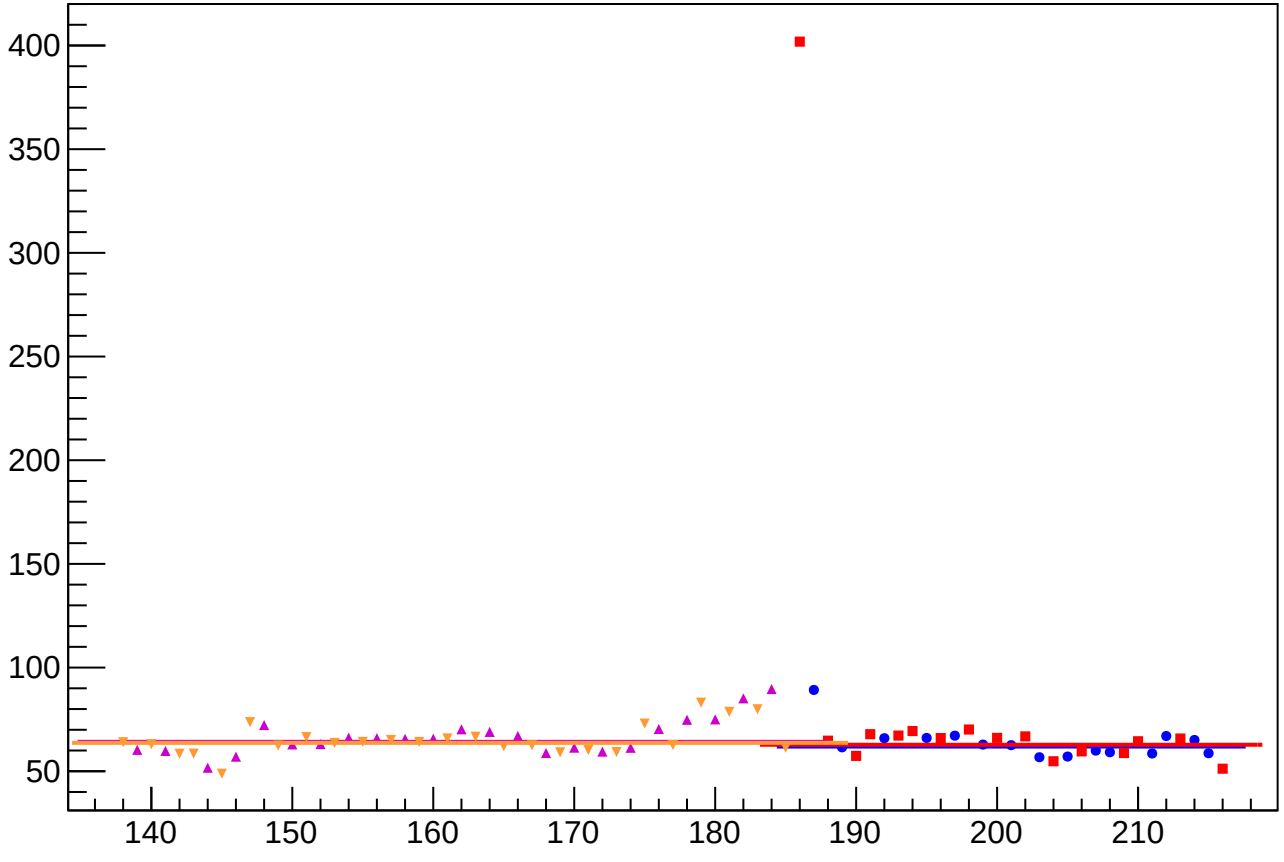
Left In: -13.723+/-15.478 χ^2/NDF:16.3/22

+ sign -20.725+/-11.743 χ^2/NDF: 57.3/39

All: -26.633+/-8.426 χ^2/NDF: 122.3/78

- sign -32.902+/-12.096 χ^2/NDF: 64.5/38

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 61.915+/-0.013 χ^2/NDF: 101349.4/14

Left Out: 63.696+/-0.011 χ^2/NDF:448439.3/24

Right Out: 62.776+/-0.014 χ^2/NDF: 701637.4/15

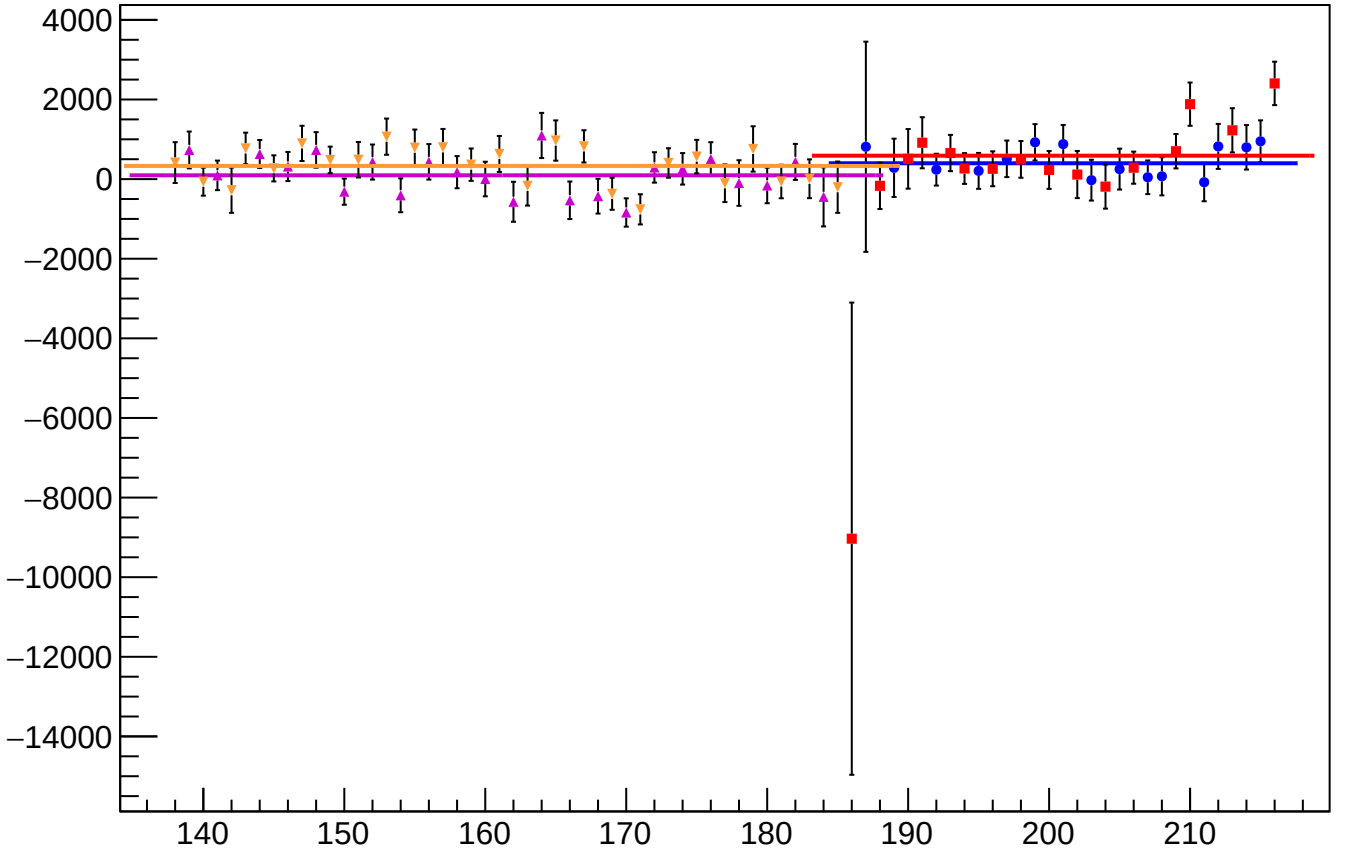
Left In: 64.189+/-0.011 χ^2/NDF:429670.3/22

+ sign 63.016+/-0.008 χ^2/NDF: 560639.5/39

All: 63.318+/-0.006 χ^2/NDF: 1701166.9/78

- sign 63.639+/-0.009 χ^2/NDF: 1137799.6/38

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 397.869+/-130.300 χ^2/NDF: 7.9/14

Left Out: 331.739+/-86.071 χ^2/NDF:29.9/24

Right Out: 588.358+/-128.427 χ^2/NDF: 27.8/15

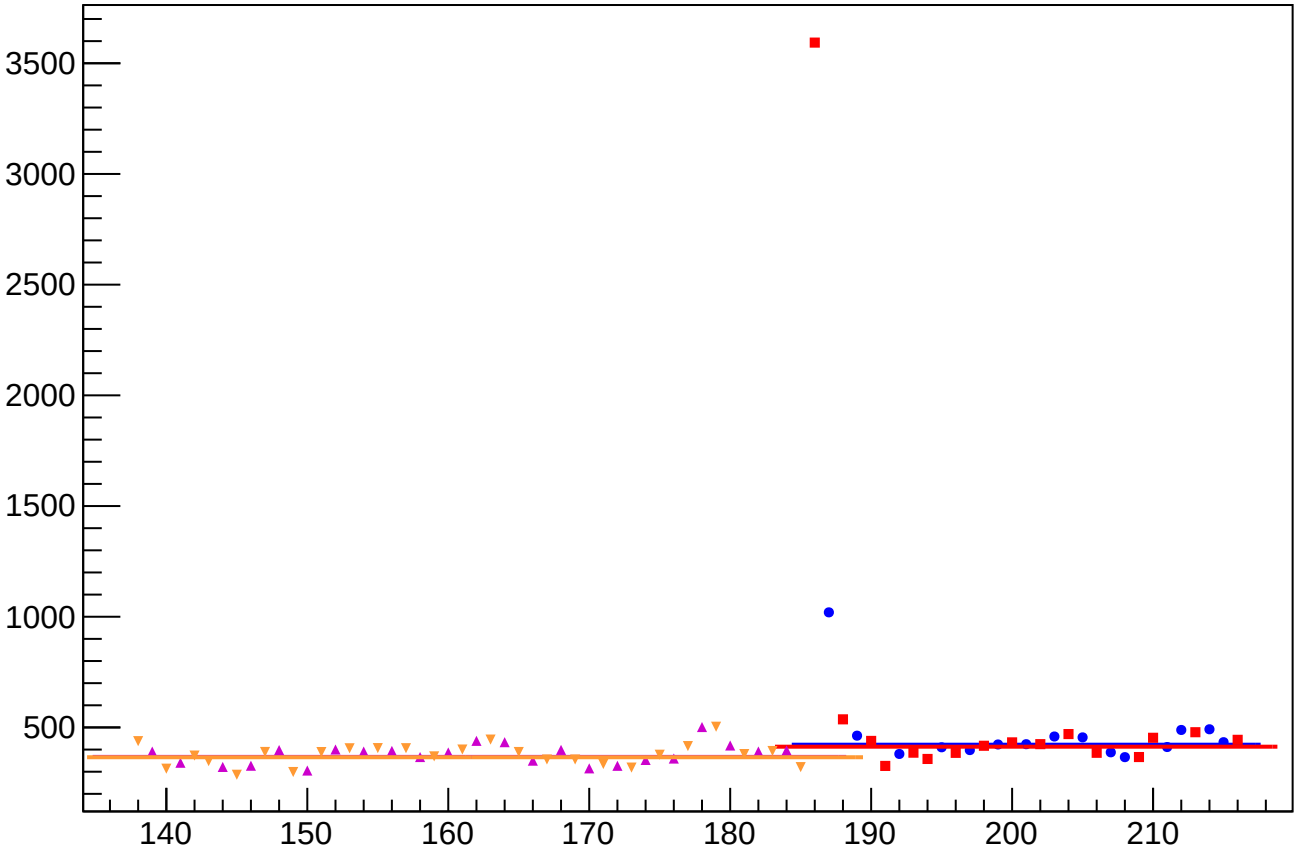
Left In: 95.910+/-88.656 χ^2/NDF:28.7/22

+ sign 351.828+/-71.817 χ^2/NDF: 37.9/39

All: 304.101+/-51.182 χ^2/NDF: 105.2/78

- sign 254.844+/-72.960 χ^2/NDF: 66.4/38

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 421.987+/-0.092 χ^2/NDF: 257625.9/14

Left Out: 365.355+/-0.061 χ^2/NDF:618453.7/24

Right Out: 413.024+/-0.091 χ^2/NDF: 863461.7/15

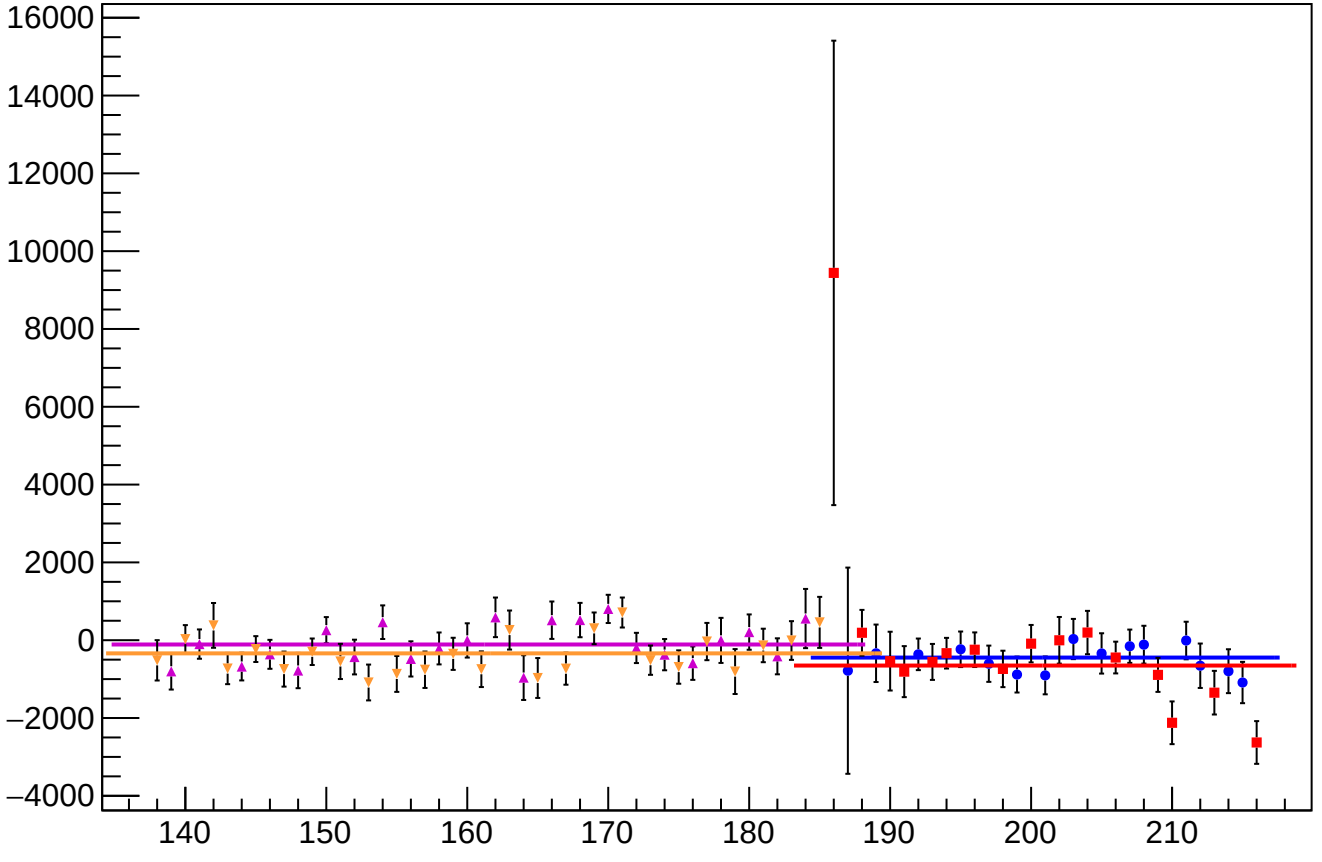
Left In: 366.925+/-0.063 χ^2/NDF:478082.1/22

+ sign 382.559+/-0.051 χ^2/NDF: 1139106.5/39

All: 382.187+/-0.036 χ^2/NDF: 2655287.5/78

- sign 381.803+/-0.052 χ^2/NDF: 1516071.9/38

asym_sam_37_48_dd_mean vs Slug



Right In: -446.415+/-131.794 χ^2/NDF: 6.8/14

Left Out: -338.528+/-87.450 χ^2/NDF:28.2/24

Right Out: -651.595+/-130.078 χ^2/NDF: 33.7/15

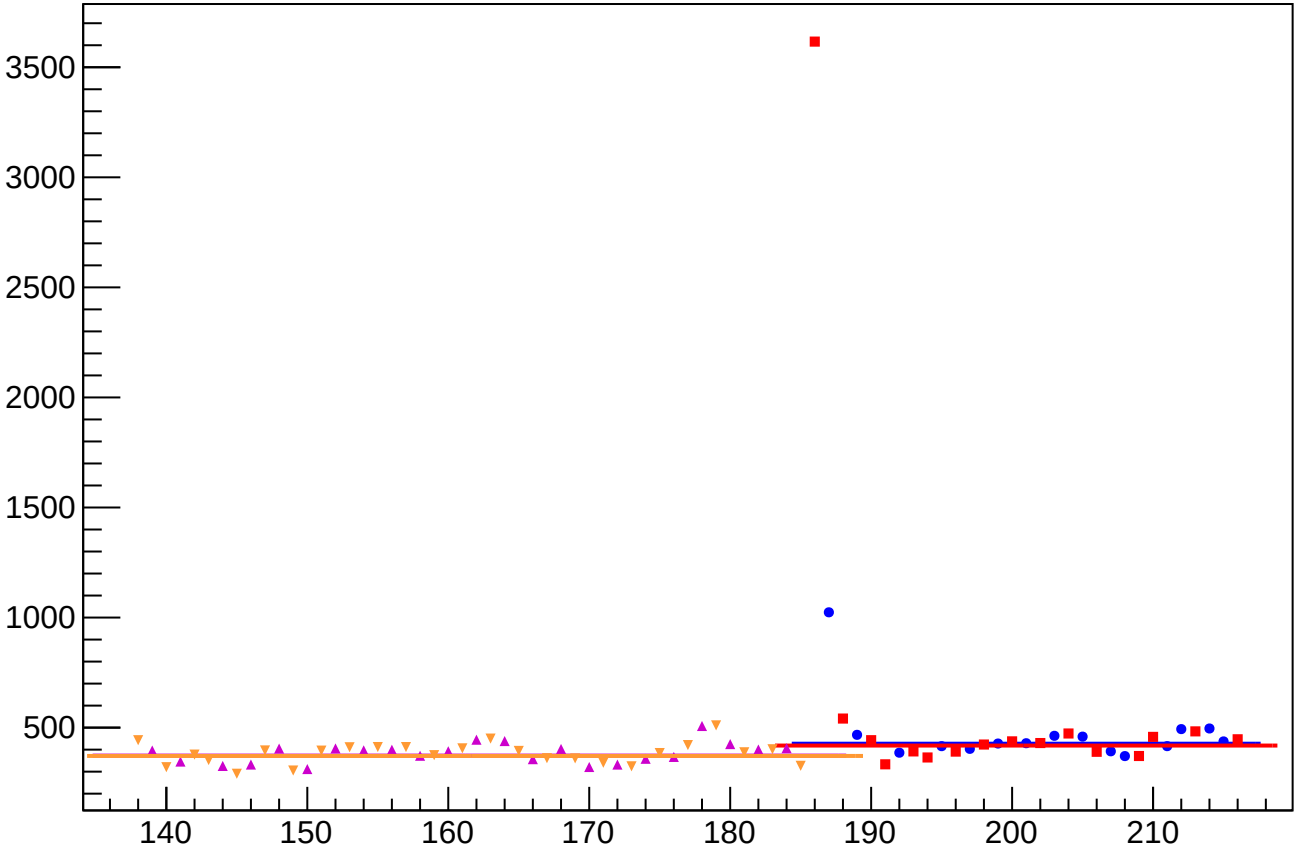
Left In: -110.341+/-90.084 χ^2/NDF:29.2/22

+ sign -371.508+/-72.868 χ^2/NDF: 35.5/39

All: -329.341+/-51.941 χ^2/NDF: 110.8/78

- sign -285.786+/-74.058 χ^2/NDF: 74.6/38

asym_sam_37_48_dd_rms vs Slug



Right In: 426.948+/-0.093 χ^2/NDF: 249955.7/14

Left Out: 371.356+/-0.062 χ^2/NDF:604070.6/24

Right Out: 418.537+/-0.092 χ^2/NDF: 847756.8/15

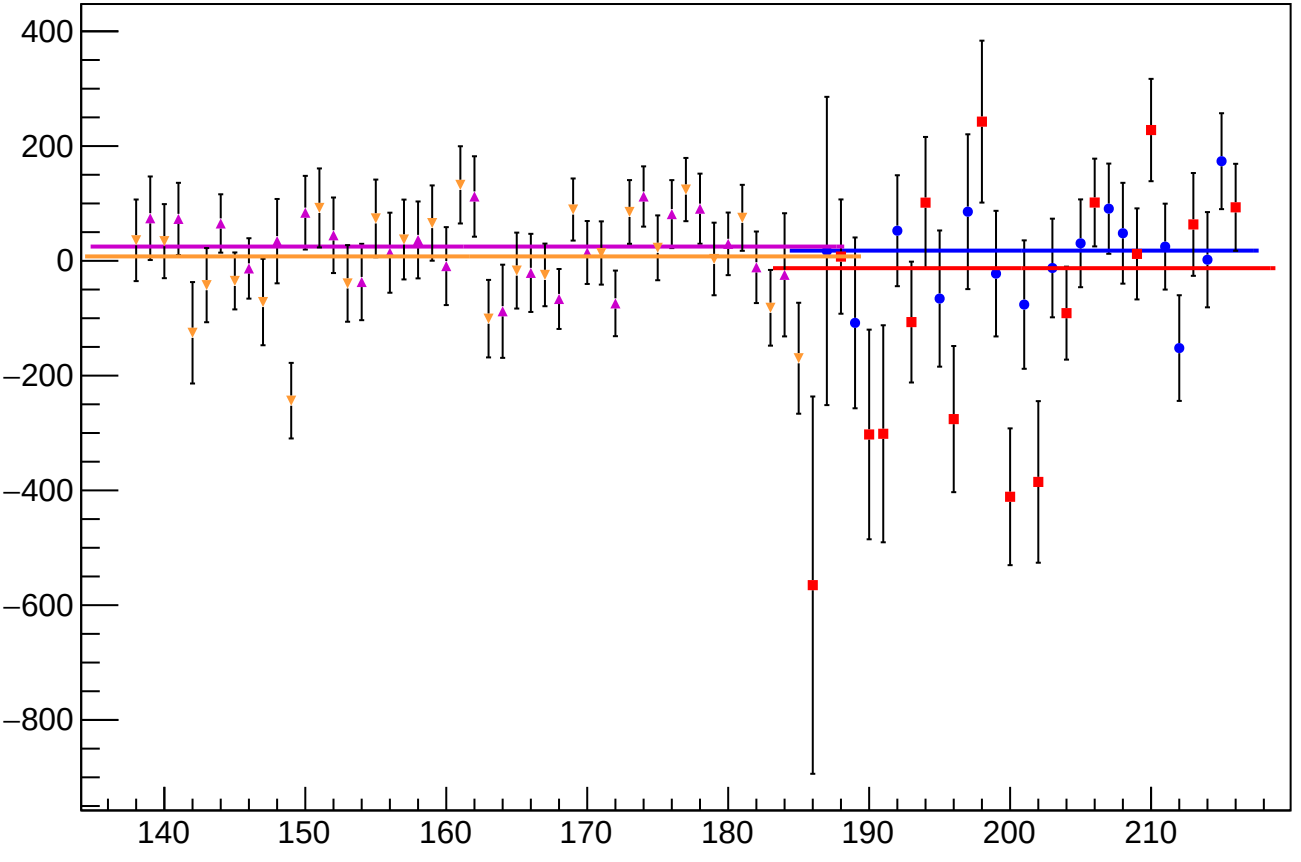
Left In: 372.938+/-0.064 χ^2/NDF:467340.9/22

+ sign 388.350+/-0.052 χ^2/NDF: 1101091.2/39

All: 388.039+/-0.037 χ^2/NDF: 2582375.0/78

- sign 387.719+/-0.052 χ^2/NDF: 1481210.0/38

reg_asym_sam_15_26_dd_mean vs Slug



Right In: 17.827+/-24.710 χ^2/NDF: 10.5/14

Left Out: 7.723+/-12.656 χ^2/NDF:45.4/24

Right Out: -12.781+/-26.046 χ^2/NDF: 48.5/15

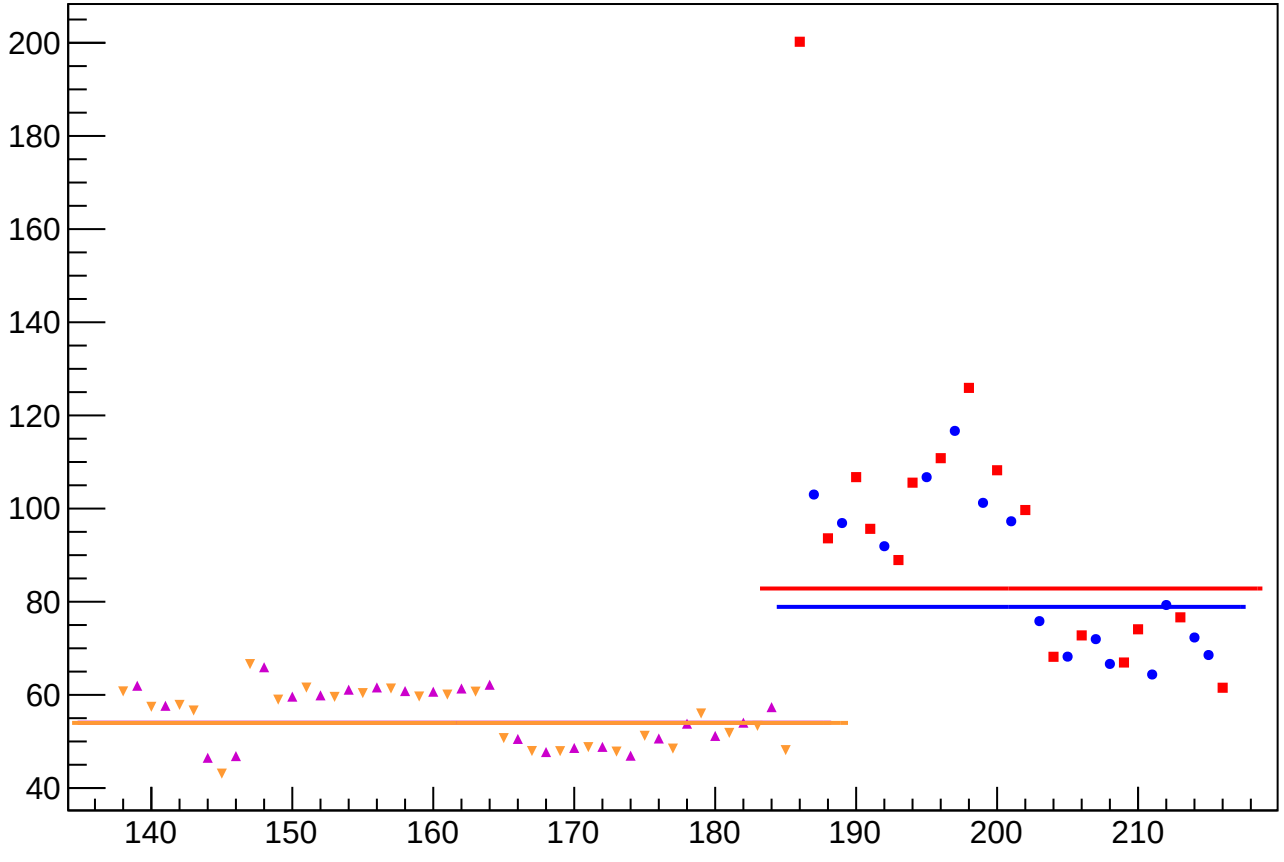
Left In: 24.887+/-13.029 χ^2/NDF:19.7/22

+ sign 9.823+/-11.264 χ^2/NDF: 56.0/39

All: 13.458+/-8.099 χ^2/NDF: 126.1/78

- sign 17.349+/-11.652 χ^2/NDF: 69.9/38

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 78.896+/-0.017 χ^2/NDF: 700345.4/14

Left Out: 53.984+/-0.009 χ^2/NDF:458972.1/24

Right Out: 82.839+/-0.018 χ^2/NDF: 1176987.8/15

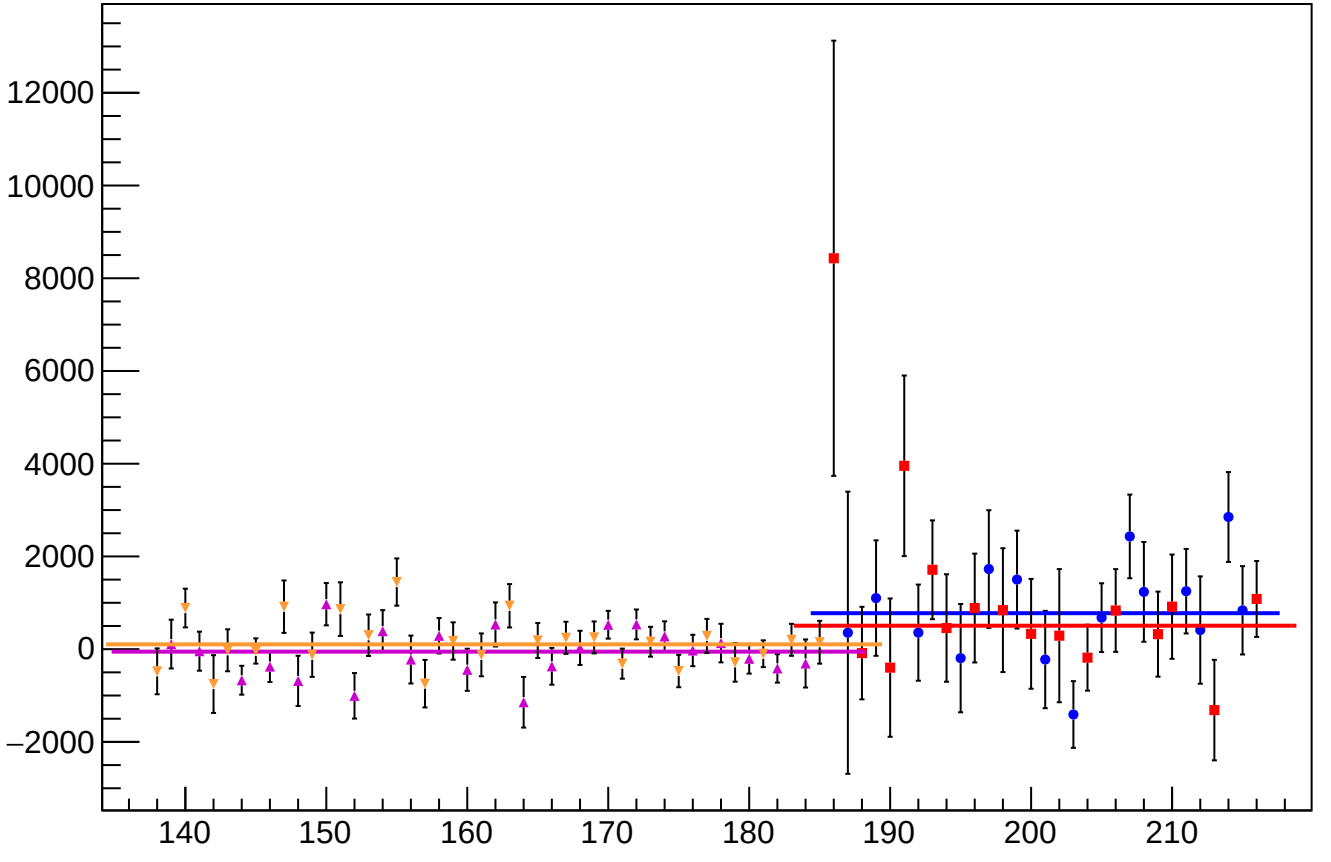
Left In: 54.028+/-0.009 χ^2/NDF:443819.5/22

+ sign 59.161+/-0.008 χ^2/NDF: 2769857.3/39

All: 59.467+/-0.006 χ^2/NDF: 6351191.2/78

- sign 59.794+/-0.008 χ^2/NDF: 3578280.8/38

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 776.107+/-259.906 χ^2/NDF: 20.6/14

Left Out: 103.768+/-79.344 χ^2/NDF:31.0/24

Right Out: 505.954+/-272.899 χ^2/NDF: 12.8/15

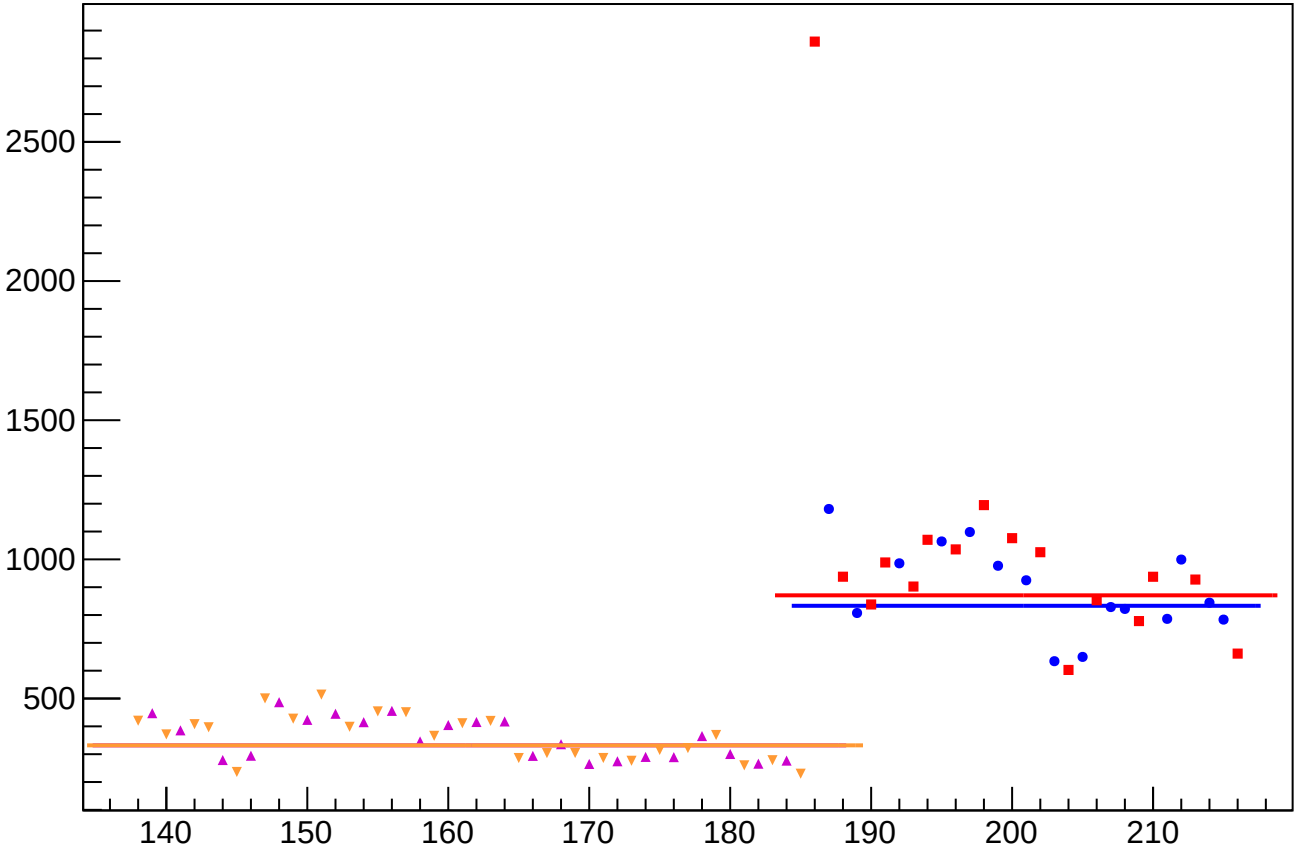
Left In: -53.493+/-81.201 χ^2/NDF:34.1/22

+ sign 161.085+/-75.887 χ^2/NDF: 57.7/39

All: 78.683+/-54.334 χ^2/NDF: 110.9/78

- sign -7.991+/-77.829 χ^2/NDF: 50.7/38

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 833.174+/-0.184 χ^2/NDF: 616725.6/14

Left Out: 331.770+/-0.056 χ^2/NDF:1711721.9/24

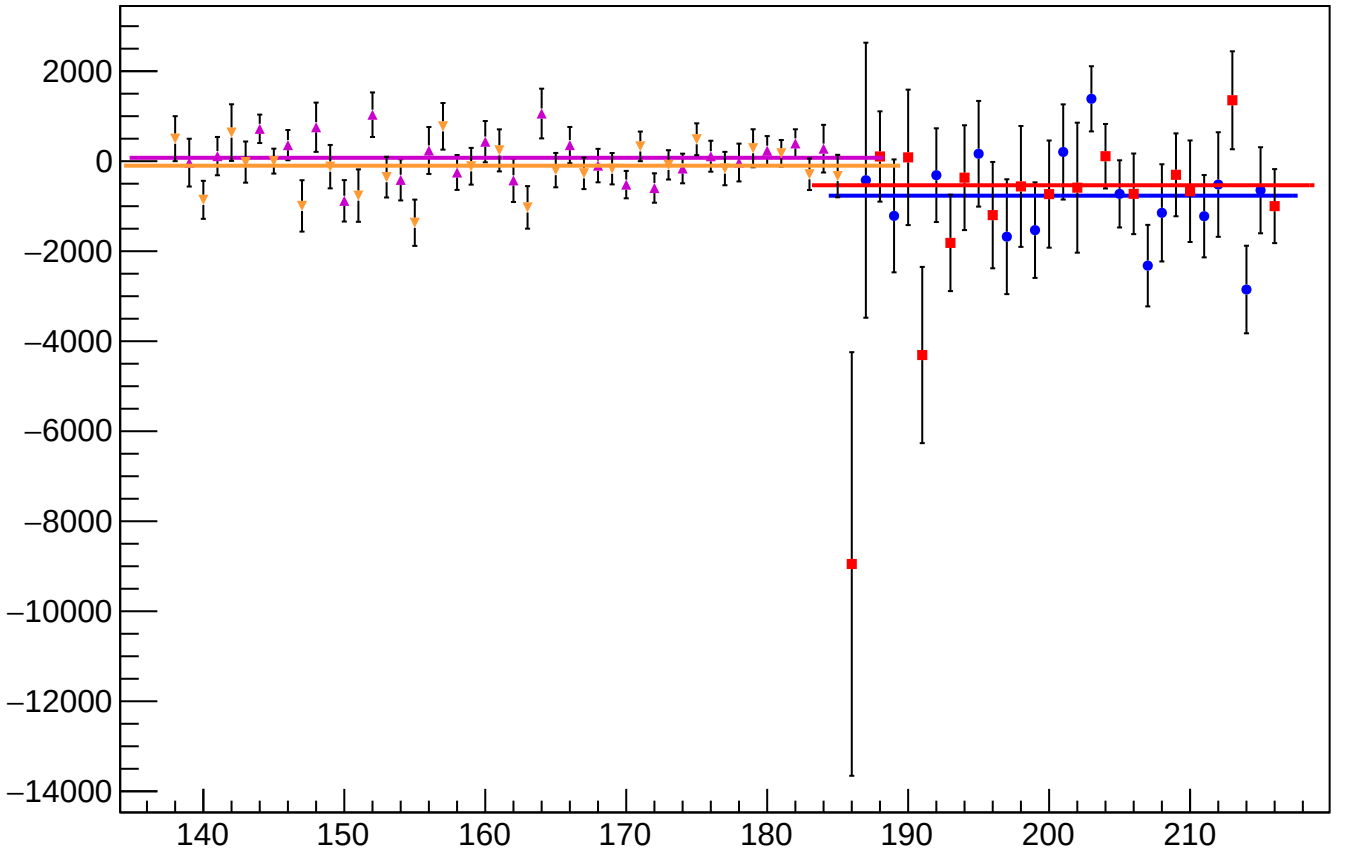
Right Out: 870.767+/-0.193 χ^2/NDF: 1127220.5/15

Left In: 331.666+/-0.057 χ^2/NDF:1303192.2/22

+ sign 374.515+/-0.054 χ^2/NDF: 9137297.4/39

All: 375.002+/-0.038 χ^2/NDF: 18737943.3/78

- sign 375.513+/-0.055 χ^2/NDF: 9600477.3/38



Right In: -766.361+/-261.274 χ^2/NDF: 19.6/14

Left Out: -99.785+/-80.428 χ^2/NDF:30.7/24

Right Out: -534.638+/-274.303 χ^2/NDF: 13.5/15

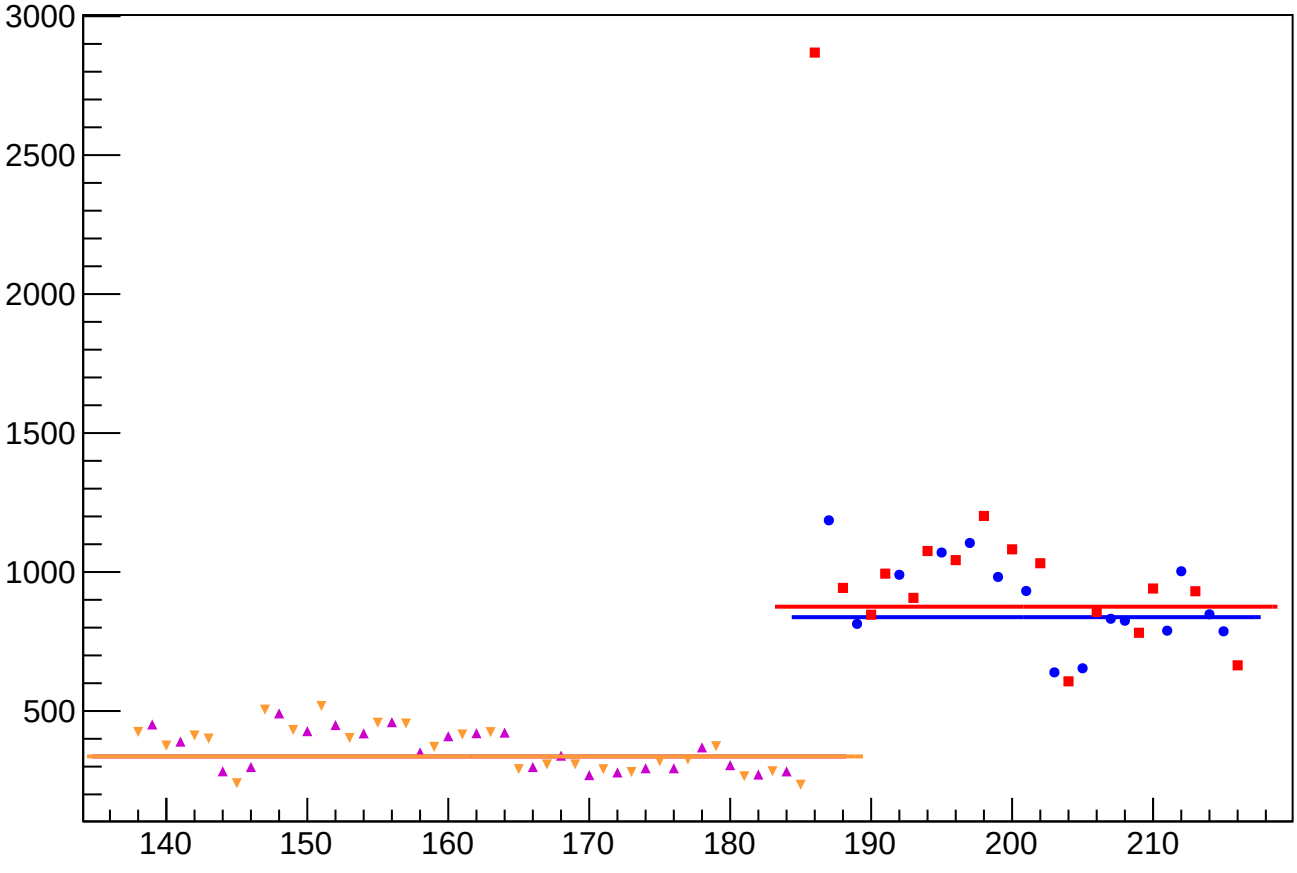
Left In: 75.579+/-82.319 χ^2/NDF:32.1/22

+ sign -157.482+/-76.868 χ^2/NDF: 56.2/39

All: -68.477+/-55.040 χ^2/NDF: 109.2/78

- sign 25.163+/-78.845 χ^2/NDF: 50.2/38

asym_sam_15_26_dd_rms vs Slug



Right In: 837.675+/-0.185 χ^2/NDF: 612748.7/14

Left Out: 336.557+/-0.057 χ^2/NDF:1665919.4/24

Right Out: 875.332+/-0.194 χ^2/NDF: 1125257.9/15

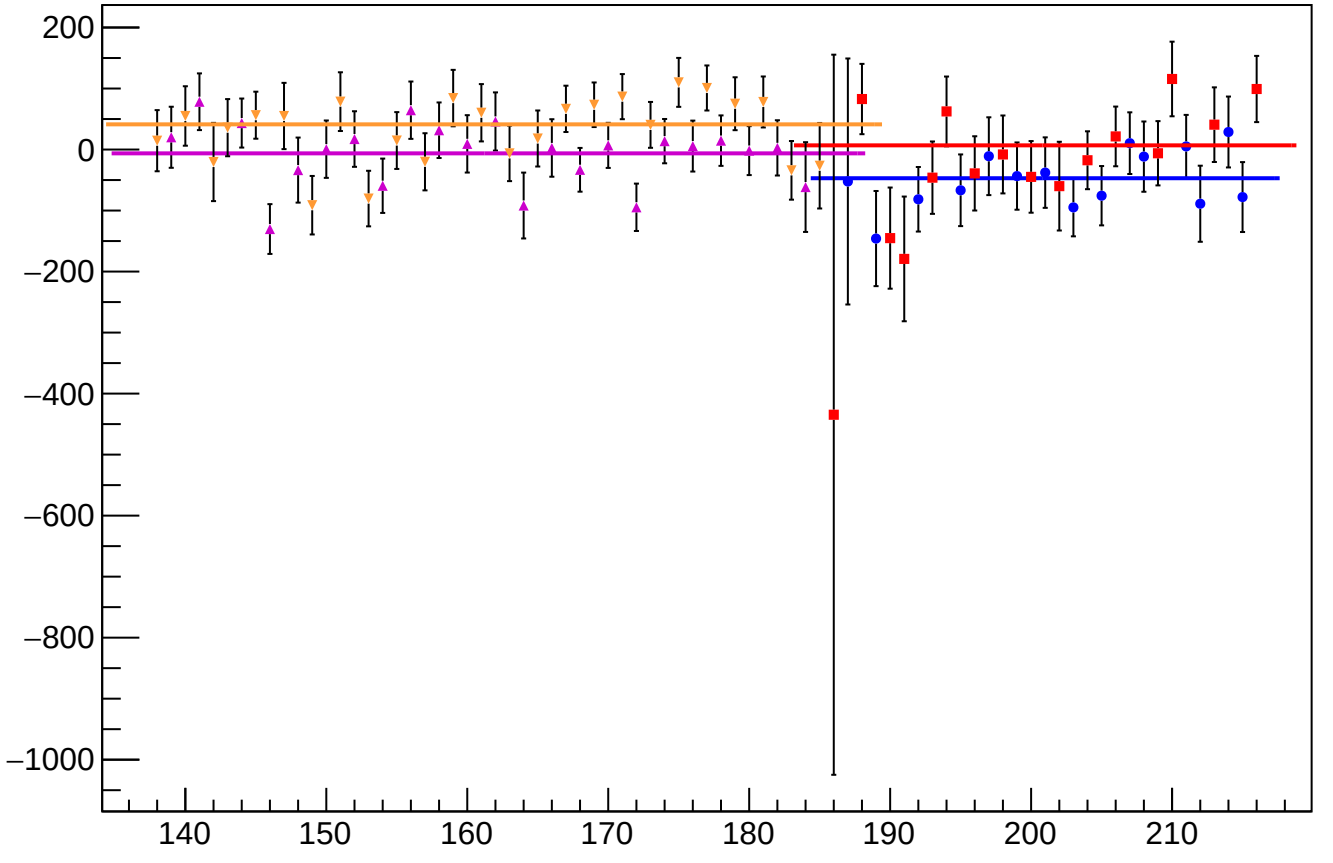
Left In: 336.439+/-0.058 χ^2/NDF:1269066.3/22

+ sign 379.933+/-0.054 χ^2/NDF: 8999116.4/39

All: 380.435+/-0.039 χ^2/NDF: 18475082.7/78

- sign 380.963+/-0.056 χ^2/NDF: 9475791.3/38

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -47.024+/-14.900 χ^2/NDF: 9.0/14

Left Out: 41.283+/-8.889 χ^2/NDF:34.4/24

Right Out: 6.862+/-15.381 χ^2/NDF: 19.7/15

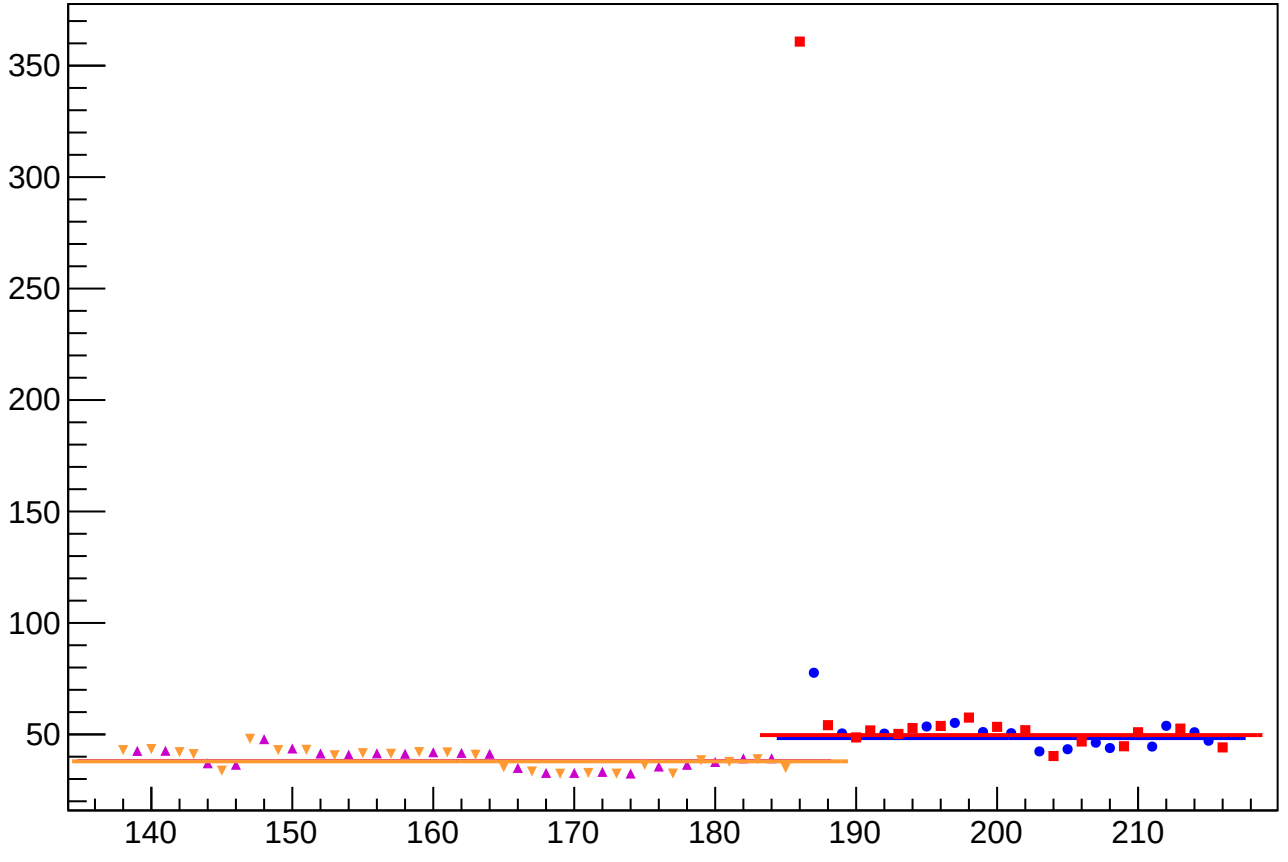
Left In: -6.254+/-9.175 χ^2/NDF:30.3/22

+ sign 18.104+/-7.634 χ^2/NDF: 69.3/39

All: 7.977+/-5.483 χ^2/NDF: 123.5/78

- sign -2.812+/-7.879 χ^2/NDF: 50.6/38

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 48.347+/-0.011 χ^2/NDF: 192405.7/14

Left Out: 37.925+/-0.006 χ^2/NDF:487085.3/24

Right Out: 49.684+/-0.011 χ^2/NDF: 753732.3/15

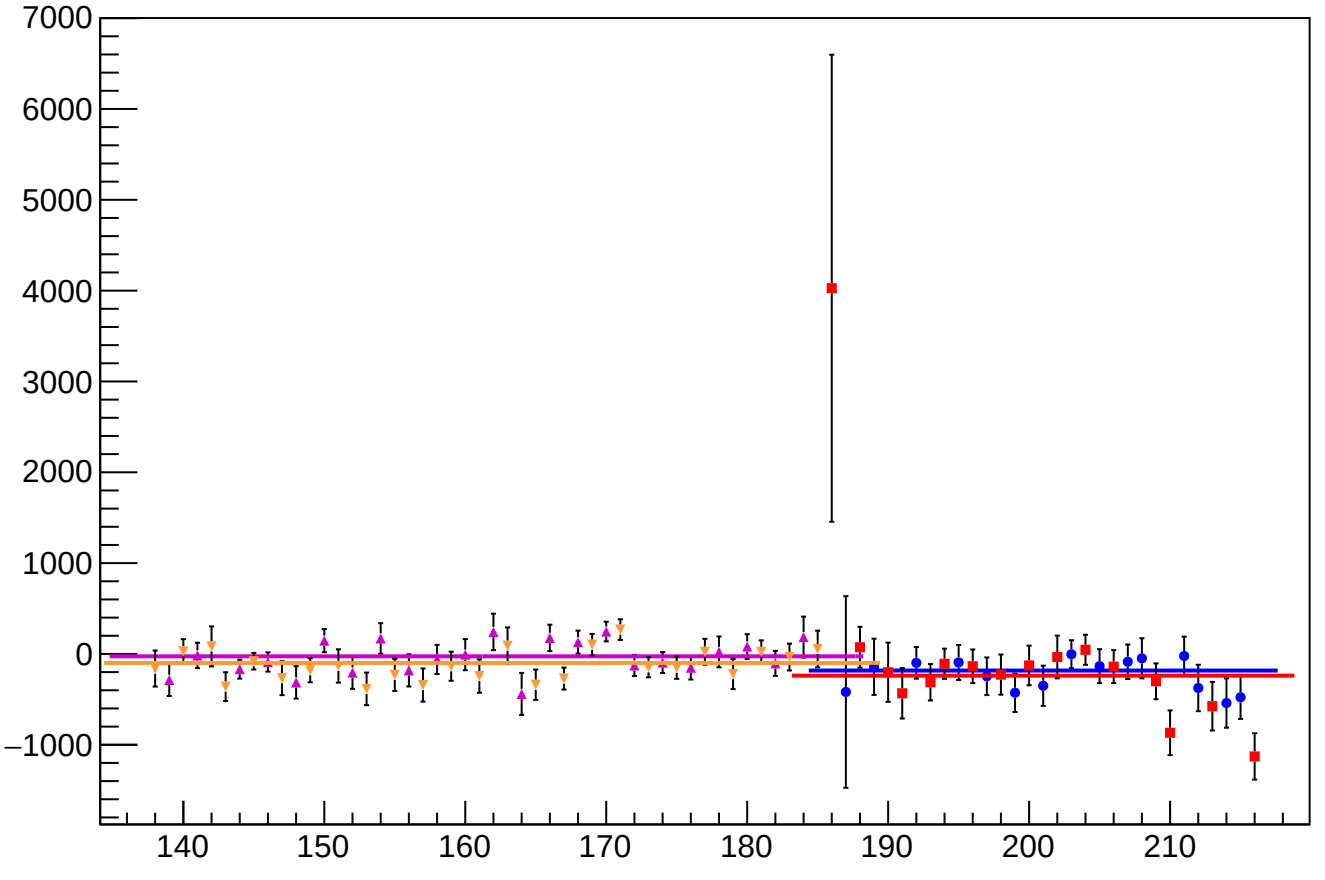
Left In: 38.087+/-0.006 χ^2/NDF:396334.5/22

+ sign 40.661+/-0.005 χ^2/NDF: 1401146.0/39

All: 40.888+/-0.004 χ^2/NDF: 3393457.3/78

- sign 41.131+/-0.006 χ^2/NDF: 1988642.1/38

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -182.619+/-55.504 χ^2/NDF: 8.9/14

Left Out: -98.741+/-29.095 χ^2/NDF:32.7/24

Right Out: -238.870+/-54.998 χ^2/NDF: 30.9/15

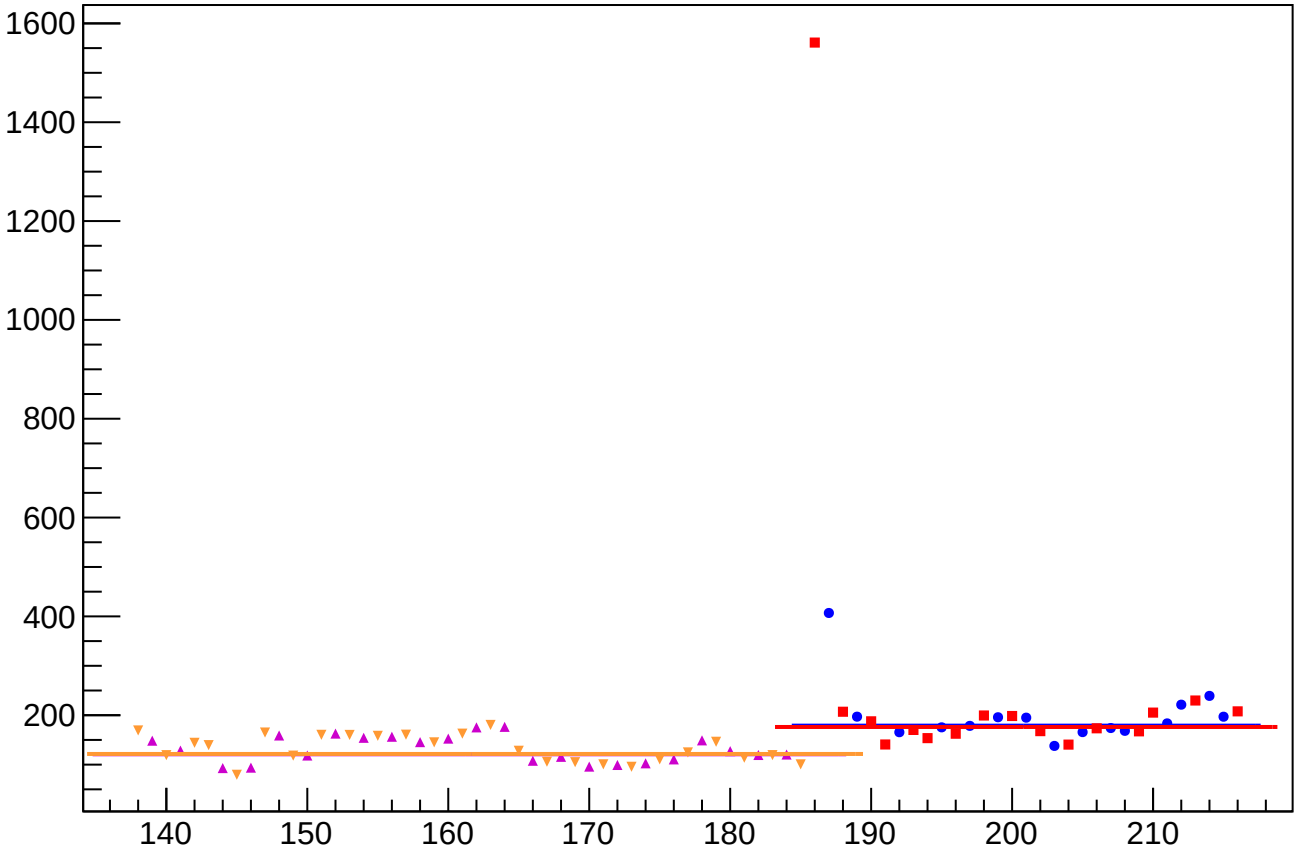
Left In: -26.223+/-29.676 χ^2/NDF:30.7/22

+ sign -116.821+/-25.769 χ^2/NDF: 43.5/39

All: -95.782+/-18.343 χ^2/NDF: 118.0/78

- sign -74.173+/-26.116 χ^2/NDF: 73.2/38

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 178.897+/-0.039 χ^2/NDF: 458672.0/14

Left Out: 121.592+/-0.021 χ^2/NDF:1711423.9/24

Right Out: 176.207+/-0.039 χ^2/NDF: 984350.3/15

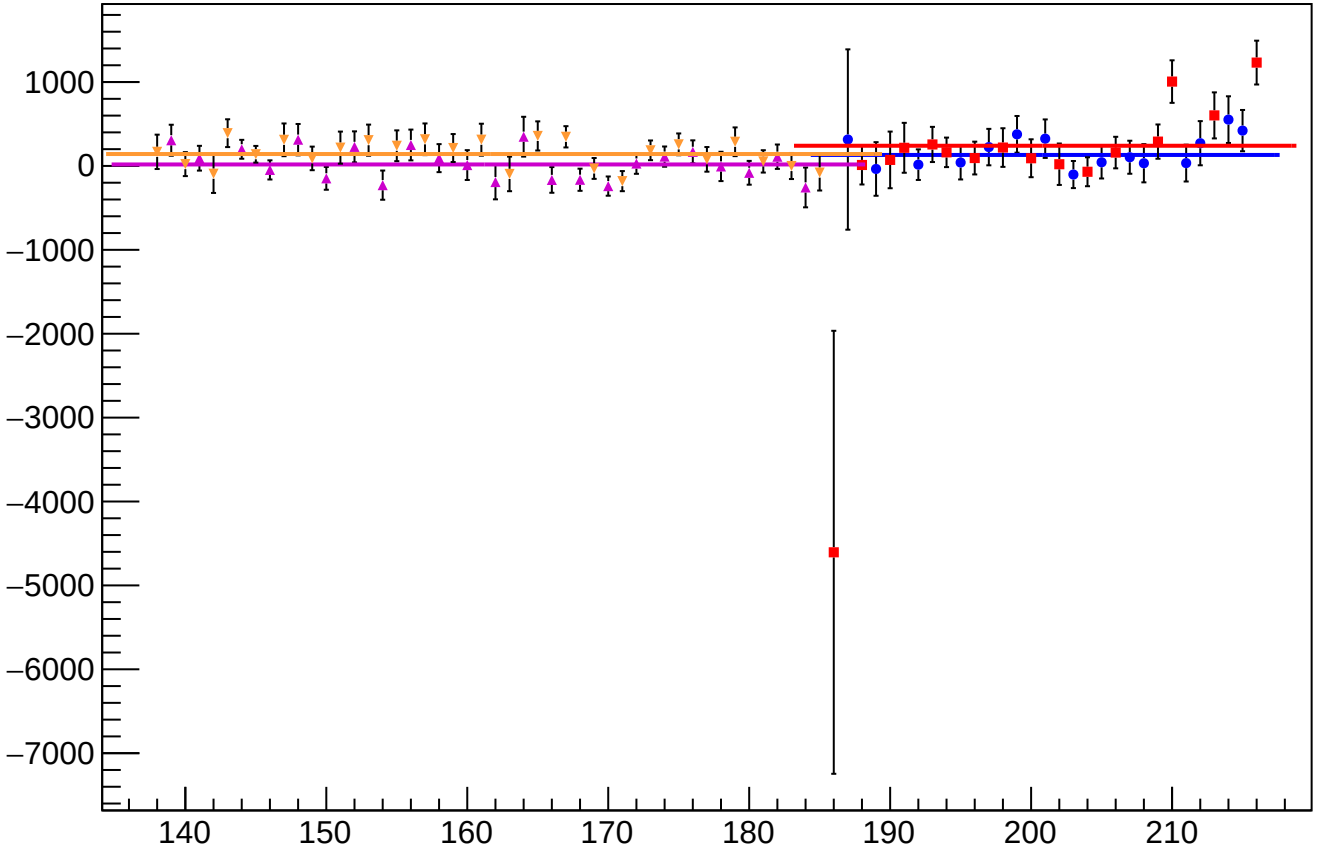
Left In: 120.927+/-0.021 χ^2/NDF:1382861.4/22

+ sign 133.944+/-0.018 χ^2/NDF: 3842448.0/39

All: 133.672+/-0.013 χ^2/NDF: 7775104.1/78

- sign 133.392+/-0.018 χ^2/NDF: 3932203.5/38

asym_sam_37_26_dd_mean vs Slug



Right In: 130.999+/-57.626 χ^2/NDF: 9.7/14

Left Out: 142.014+/-30.574 χ^2/NDF:26.9/24

Right Out: 240.644+/-57.329 χ^2/NDF: 35.3/15

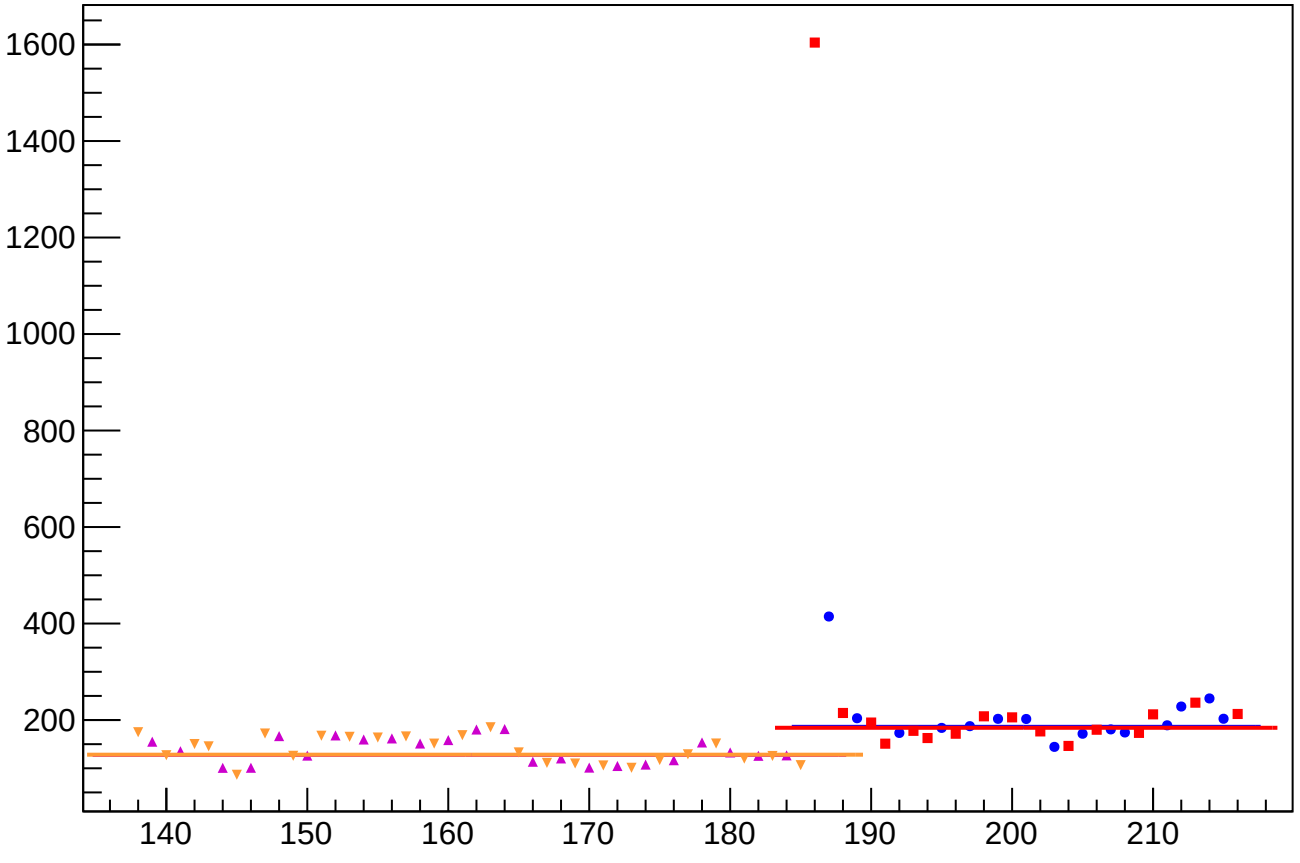
Left In: 17.679+/-31.209 χ^2/NDF:30.1/22

+ sign 139.595+/-27.008 χ^2/NDF: 36.6/39

All: 104.646+/-19.238 χ^2/NDF: 117.2/78

- sign 68.649+/-27.410 χ^2/NDF: 77.1/38

asym_sam_37_26_dd_rms vs Slug



Right In: 185.919+/-0.041 χ^2/NDF: 428298.4/14

Left Out: 128.175+/-0.022 χ^2/NDF:1532922.0/24

Right Out: 183.958+/-0.041 χ^2/NDF: 942073.0/15

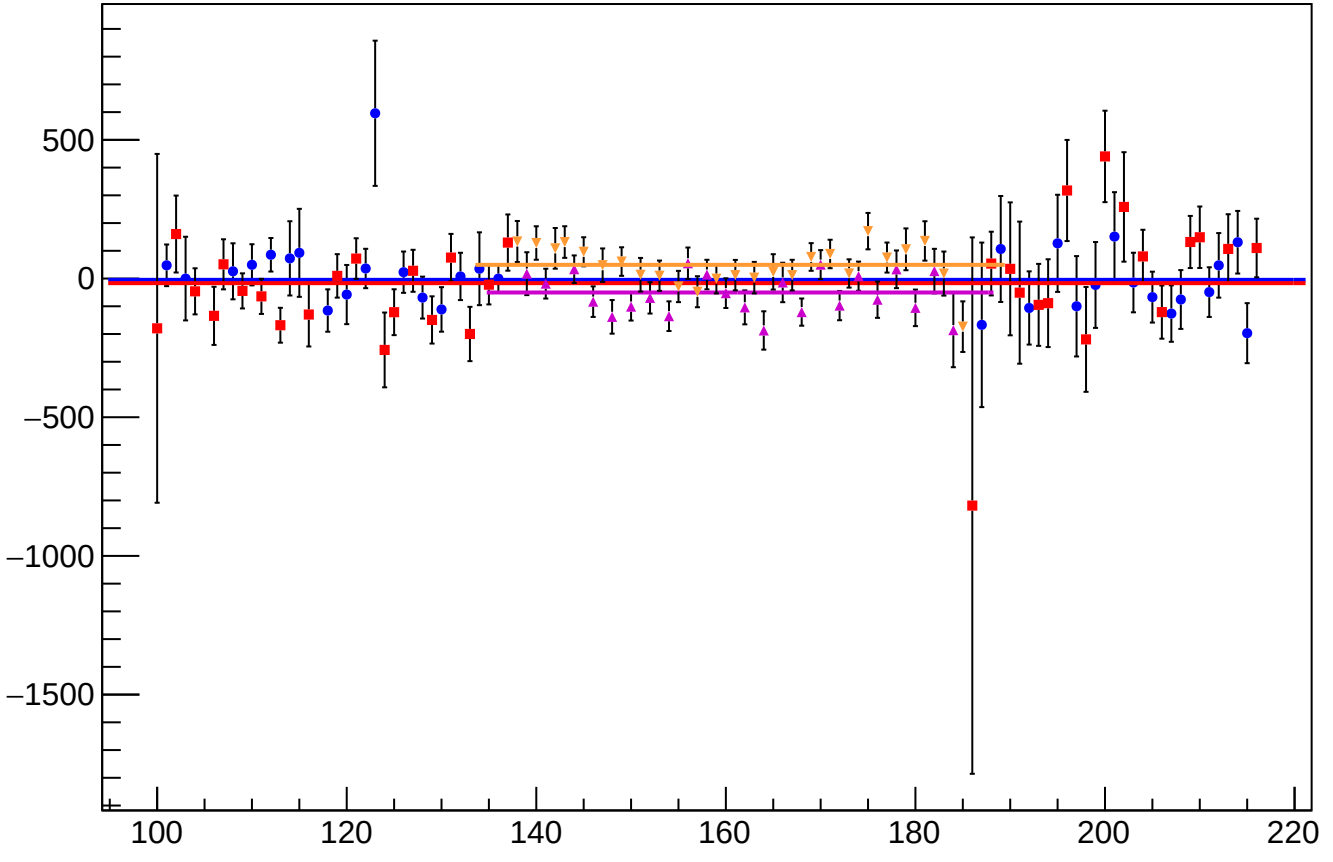
Left In: 127.544+/-0.022 χ^2/NDF:1235705.3/22

+ sign 140.859+/-0.019 χ^2/NDF: 3528281.9/39

All: 140.653+/-0.014 χ^2/NDF: 7200232.6/78

- sign 140.440+/-0.019 χ^2/NDF: 3671713.2/38

reg_asym_sam_1357_avg_mean vs Slug



Right In: -4.719+/-17.031 χ^2/NDF: 25.2/31

Left Out: 49.402+/-11.806 χ^2/NDF:28.1/24

Right Out: -16.640+/-16.850 χ^2/NDF: 52.2/34

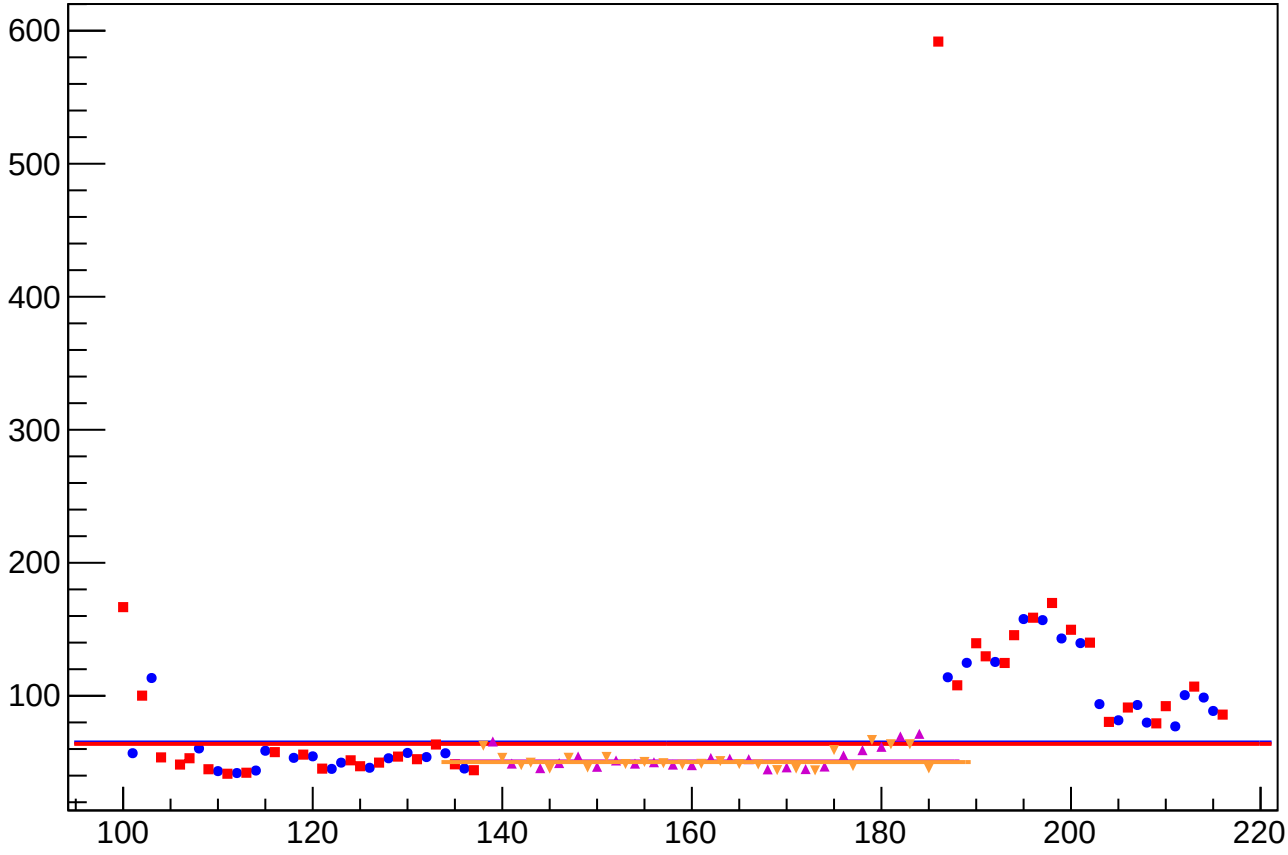
Left In: -50.331+/-12.253 χ^2/NDF:32.2/22

+ sign 31.836+/-9.702 χ^2/NDF: 60.1/56

All: -2.674+/-6.933 χ^2/NDF: 172.9/114

- sign -38.677+/-9.910 χ^2/NDF: 87.0/57

reg_asym_sam_1357_avg_rms vs Slug



Right In: 64.914+/-0.012 χ^2/NDF: 5119465.0/31

Left Out: 50.189+/-0.008 χ^2/NDF:467679.2/24

Right Out: 63.885+/-0.012 χ^2/NDF: 6351896.3/34

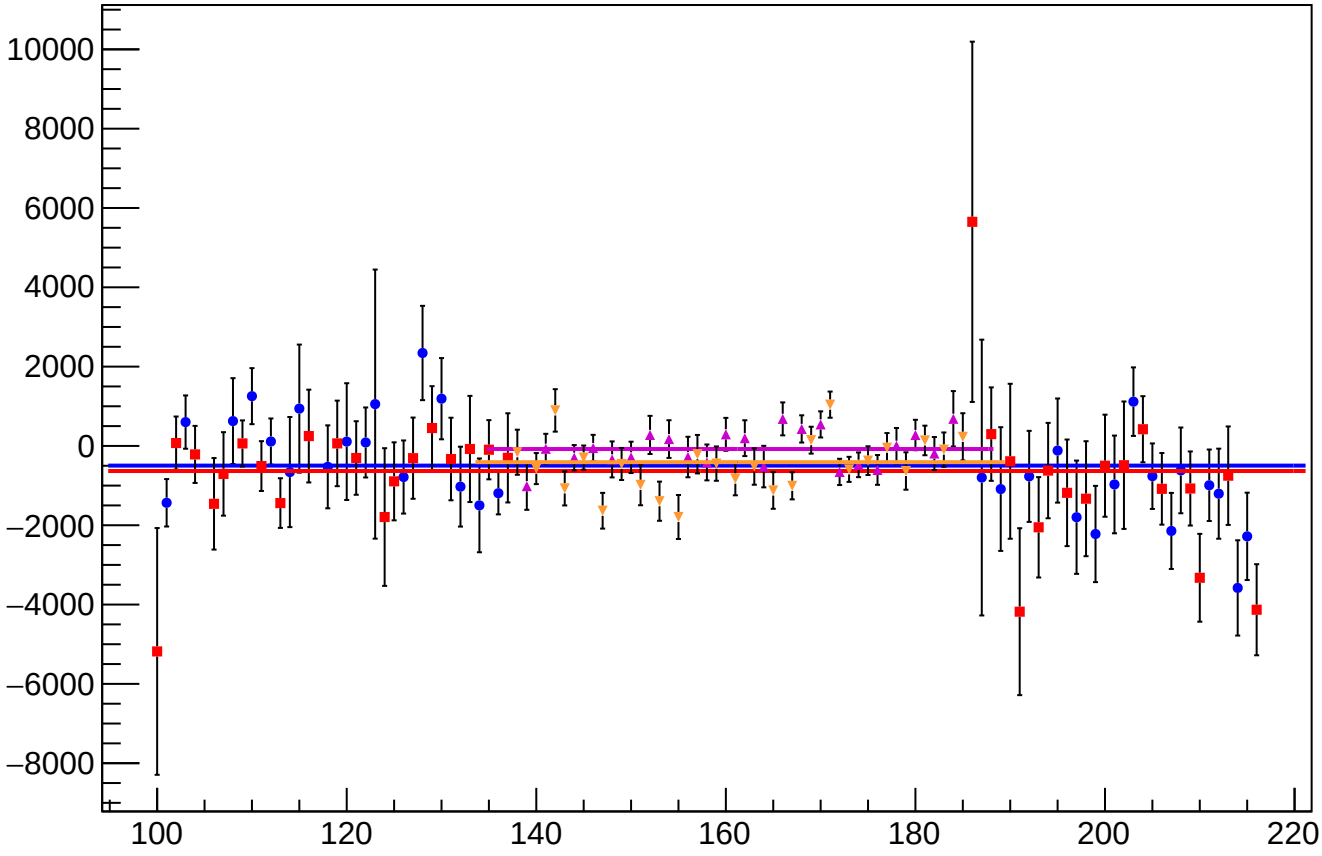
Left In: 50.683+/-0.009 χ^2/NDF:469292.3/22

+ sign 54.968+/-0.007 χ^2/NDF: 6596887.9/56

All: 55.106+/-0.005 χ^2/NDF: 14221917.8/114

- sign 55.250+/-0.007 χ^2/NDF: 7624206.9/57

asym_sam_1357_avg_correction_mean vs Slug



Right In: -496.035+/-170.338 χ^2/NDF: 46.0/31

Left Out: -409.164+/-82.348 χ^2/NDF:61.7/24

Right Out: -632.131+/-169.886 χ^2/NDF: 35.2/34

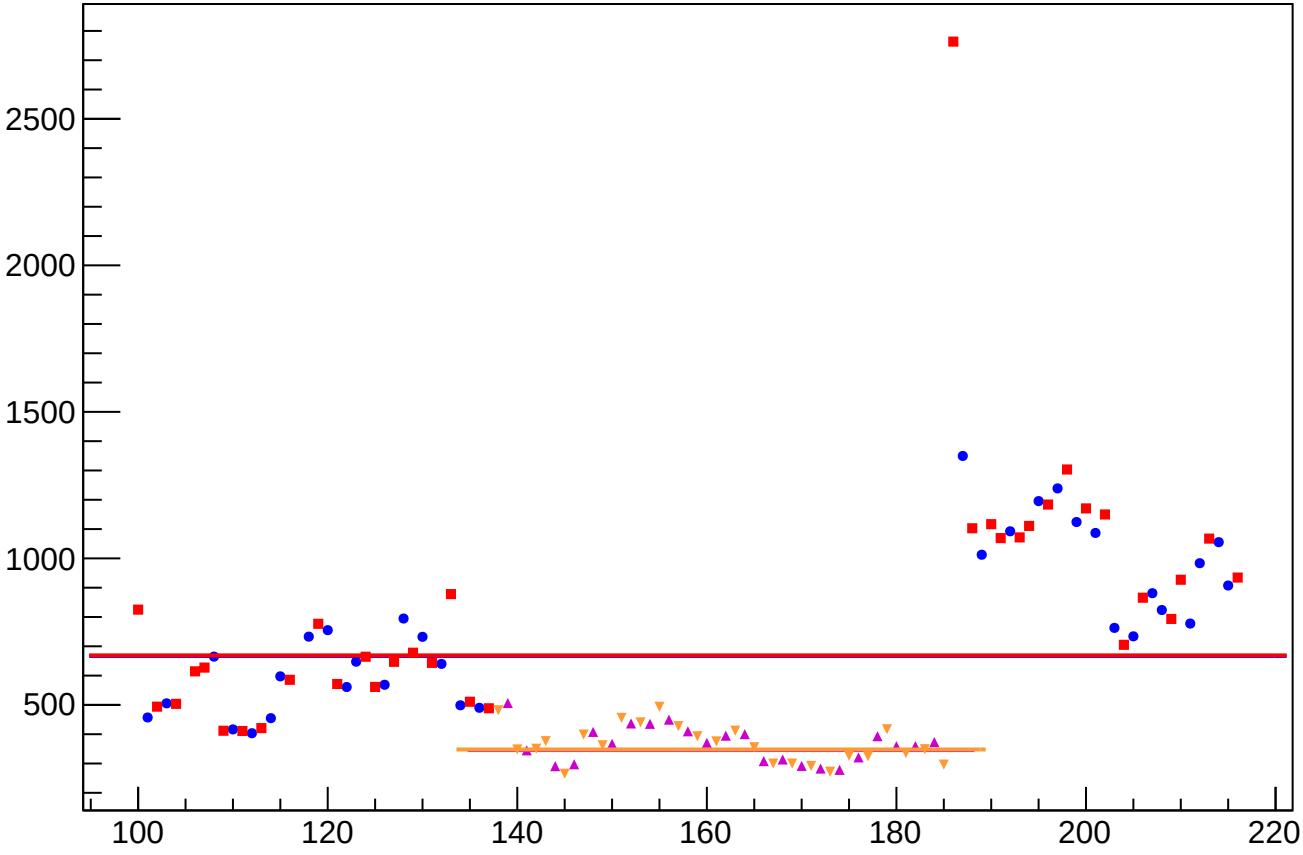
Left In: -77.872+/-84.072 χ^2/NDF:24.8/22

+ sign -425.621+/-74.139 χ^2/NDF: 107.9/56

All: -308.198+/-52.847 χ^2/NDF: 181.6/114

- sign -186.908+/-75.350 χ^2/NDF: 68.6/57

asym_sam_1357_avg_correction_rms vs Slug



Right In: 667.097+/-0.120 χ^2/NDF: 3716048.8/31

Left Out: 347.875+/-0.058 χ^2/NDF:1044096.7/24

Right Out: 668.888+/-0.120 χ^2/NDF: 4630677.3/34

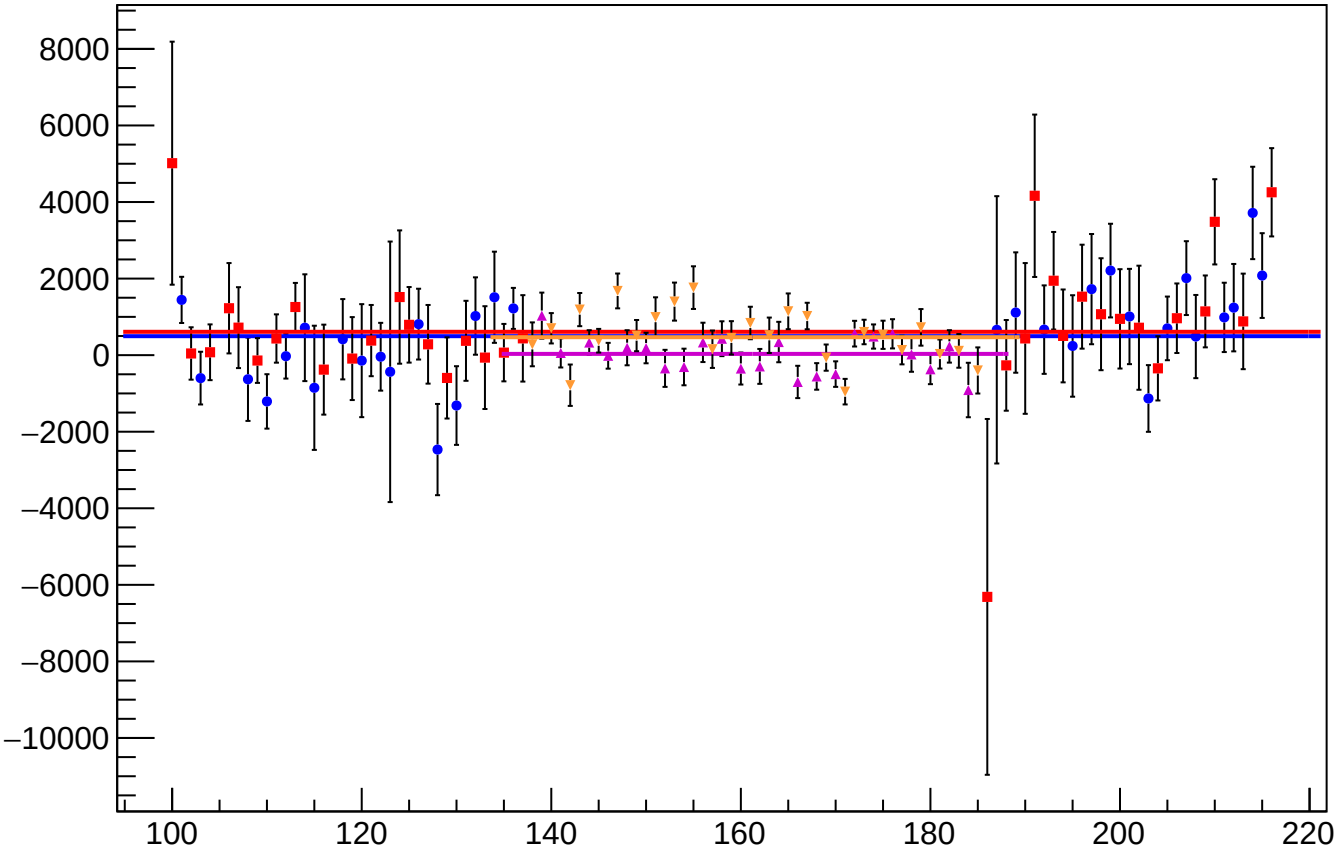
Left In: 345.954+/-0.059 χ^2/NDF:900847.0/22

+ sign 408.348+/-0.052 χ^2/NDF: 10453609.8/56

All: 408.907+/-0.037 χ^2/NDF: 21790445.6/11

- sign 409.483+/-0.053 χ^2/NDF: 11336605.5/57

asym_sam_1357_avg_mean vs Slug



Right In: 495.363+/-171.514 χ^2/NDF: 45.2/31

Left Out: 468.863+/-83.295 χ^2/NDF:57.5/24

Right Out: 610.172+/-171.149 χ^2/NDF: 35.7/34

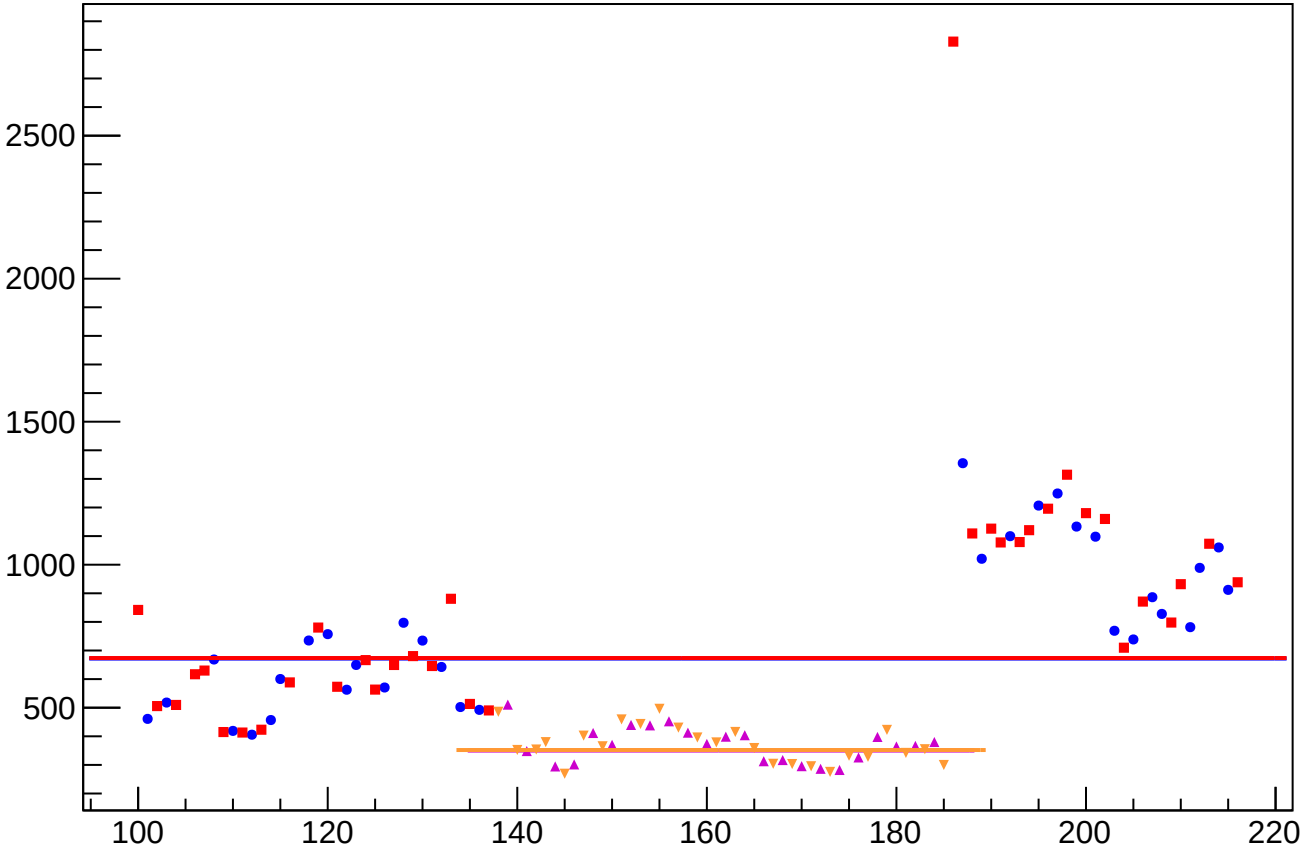
Left In: 32.801+/-85.064 χ^2/NDF:25.7/22

+ sign 473.920+/-74.927 χ^2/NDF: 102.7/56

All: 313.243+/-53.417 χ^2/NDF: 182.6/114

- sign 147.172+/-76.174 χ^2/NDF: 70.5/57

asym_sam_1357_avg_rms vs Slug



Right In: 671.816+/-0.121 χ^2/NDF: 3706218.5/31

Left Out: 352.015+/-0.059 χ^2/NDF:1017195.6/24

Right Out: 673.692+/-0.121 χ^2/NDF: 4627131.5/34

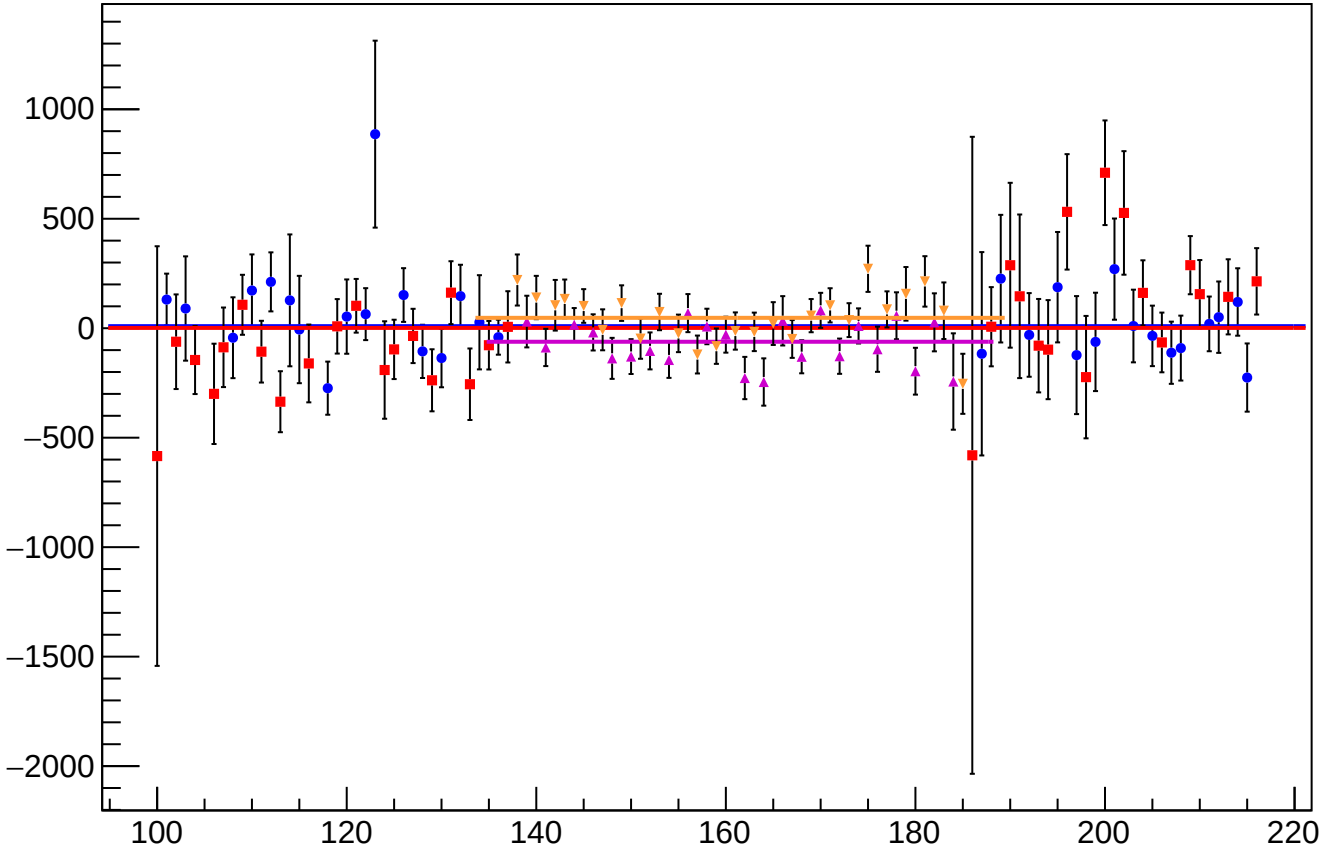
Left In: 350.160+/-0.060 χ^2/NDF:878380.0/22

+ sign 413.047+/-0.053 χ^2/NDF: 10349740.6/56

All: 413.638+/-0.038 χ^2/NDF: 21586616.0/11

- sign 414.249+/-0.054 χ^2/NDF: 11236622.2/57

reg_asym_sam_2468_avg_mean vs Slug



Right In: 9.386+/-27.585 χ^2/NDF: 26.3/31

Left Out: 47.426+/-18.253 χ^2/NDF:29.4/24

Right Out: 1.437+/-28.352 χ^2/NDF: 48.2/34

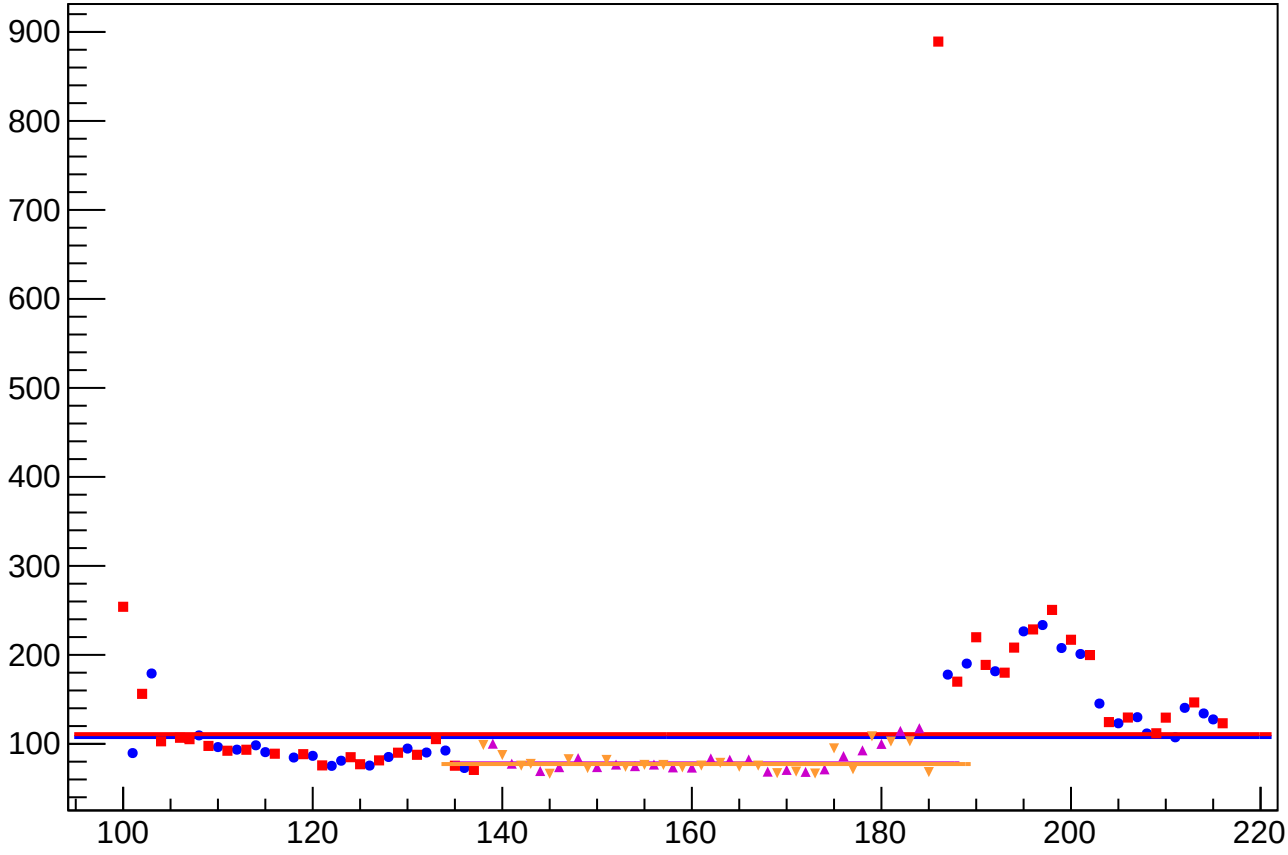
Left In: -61.830+/-18.958 χ^2/NDF:24.0/22

+ sign 35.842+/-15.222 χ^2/NDF: 57.0/56

All: -1.866+/-10.949 χ^2/NDF: 145.3/114

- sign -42.283+/-15.759 χ^2/NDF: 75.6/57

reg_asym_sam_2468_avg_rms vs Slug



Right In: 107.668+/-0.020 χ^2/NDF: 3629240.6/31

Left Out: 77.316+/-0.013 χ^2/NDF:635622.3/24

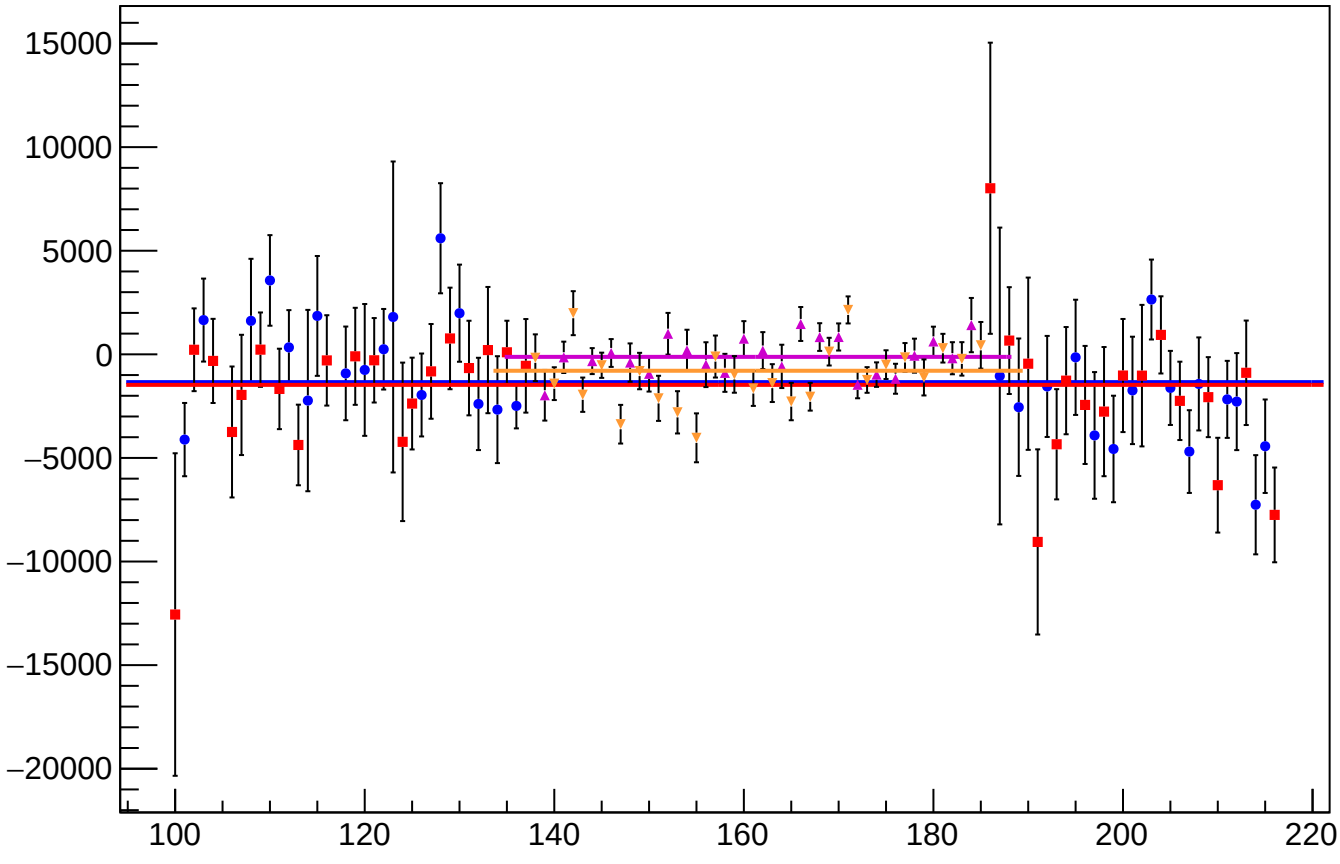
Right Out: 110.922+/-0.020 χ^2/NDF: 4464713.5/34

Left In: 78.139+/-0.013 χ^2/NDF:582108.1/22

+ sign 86.559+/-0.011 χ^2/NDF: 5948922.1/56

All: 87.383+/-0.008 χ^2/NDF: 12855748.1/114

- sign 88.267+/-0.011 χ^2/NDF: 6894664.7/57



Right In: -1341.666+/-394.896 χ^2/NDF: 42.4/31

Left Out: -792.776+/-162.659 χ^2/NDF:66.6/24

Right Out: -1473.230+/-403.223 χ^2/NDF: 31.9/34

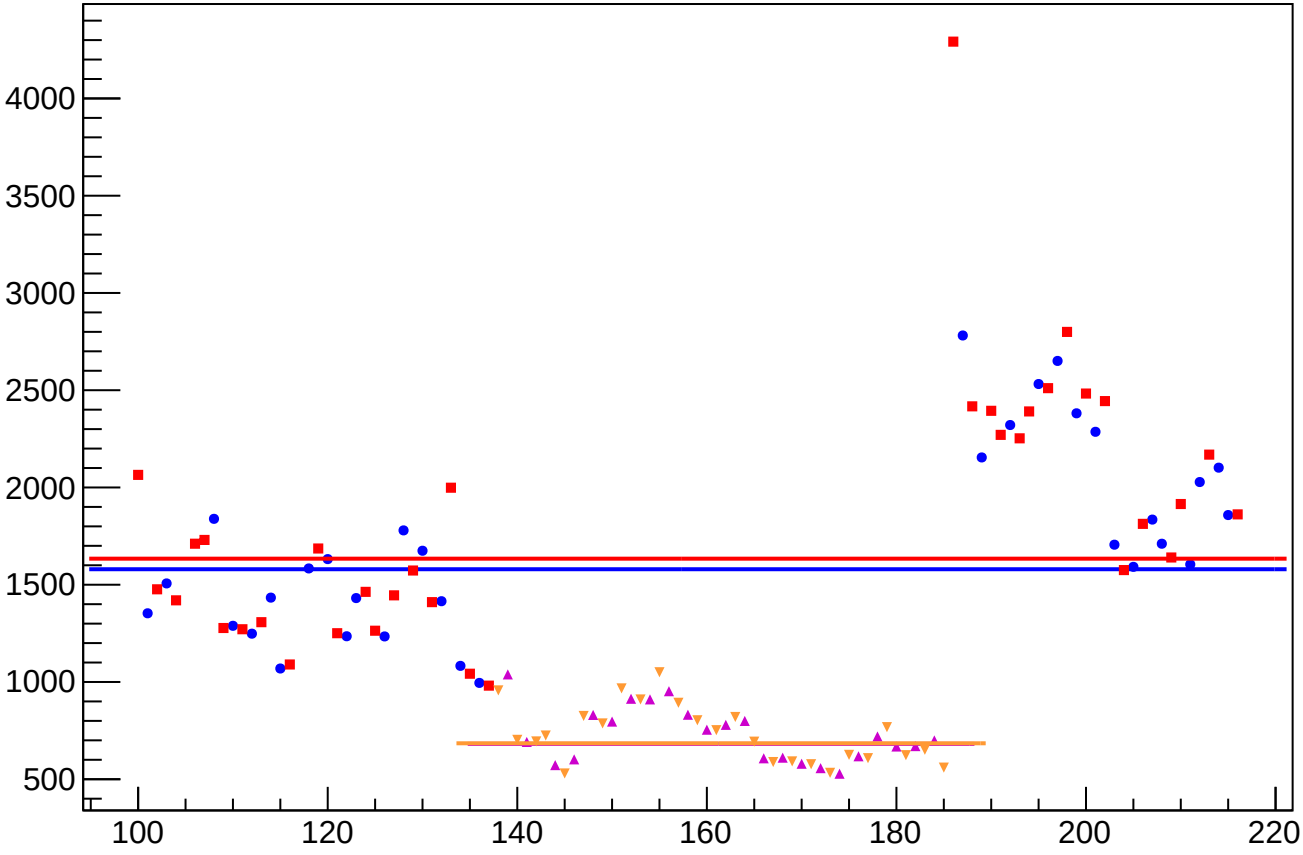
Left In: -122.198+/-166.193 χ^2/NDF:25.9/22

+ sign -872.394+/-150.400 χ^2/NDF: 110.7/56

All: -601.316+/-107.481 χ^2/NDF: 184.8/114

- sign -318.381+/-153.654 χ^2/NDF: 67.5/57

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1579.672+/-0.279 χ^2/NDF: 2394631.3/31

Left Out: 684.785+/-0.115 χ^2/NDF:1280146.2/24

Right Out: 1633.964+/-0.285 χ^2/NDF: 2829682.6/34

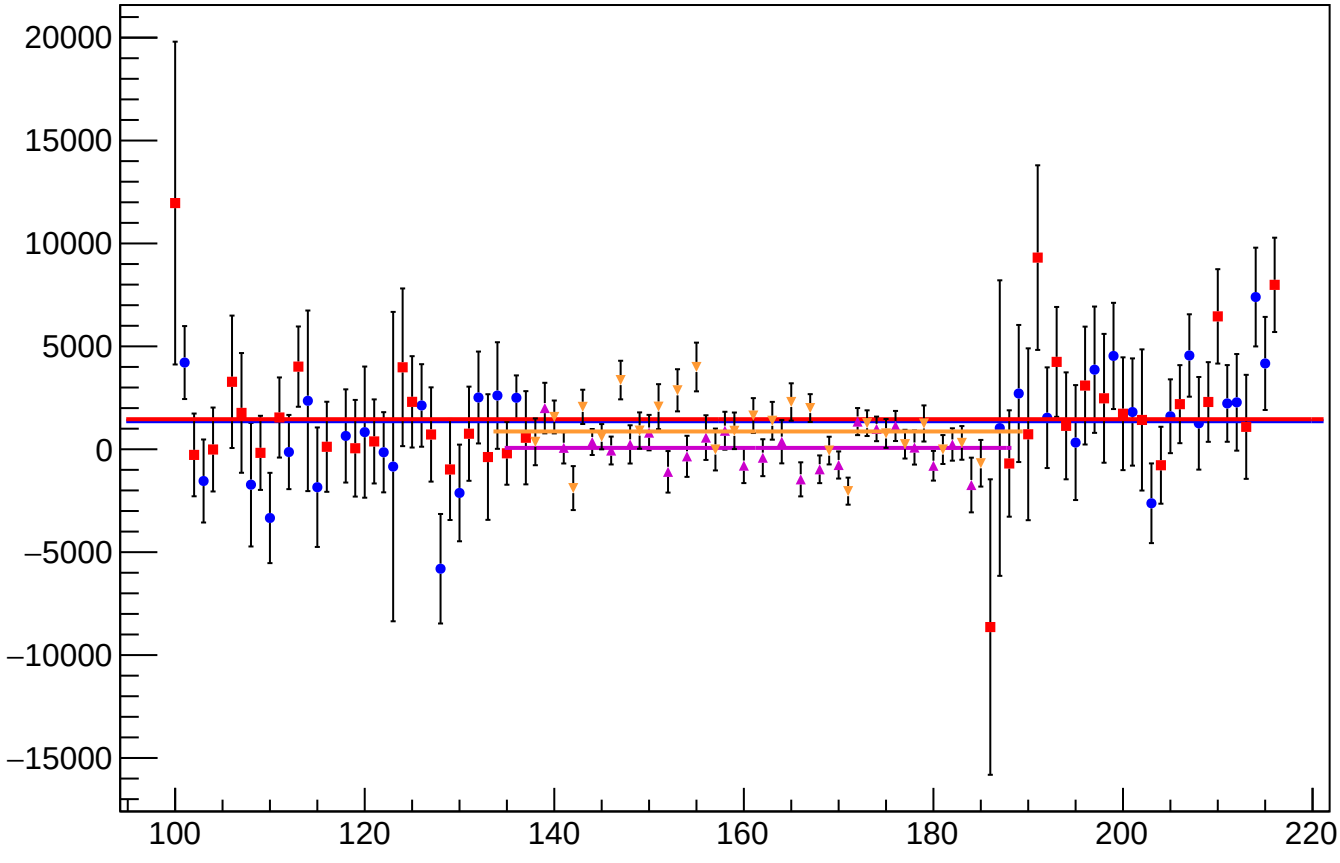
Left In: 681.712+/-0.118 χ^2/NDF:1119637.0/22

+ sign 814.591+/-0.106 χ^2/NDF: 12455676.1/56

All: 817.232+/-0.076 χ^2/NDF: 25940850.3/11

- sign 819.988+/-0.109 χ^2/NDF: 13483914.0/57

asym_sam_2468_avg_mean vs Slug



Right In: 1362.969+/-396.072 χ^2/NDF: 41.8/31

Left Out: 865.597+/-163.885 χ^2/NDF:62.8/24

Right Out: 1460.837+/-404.567 χ^2/NDF: 32.4/34

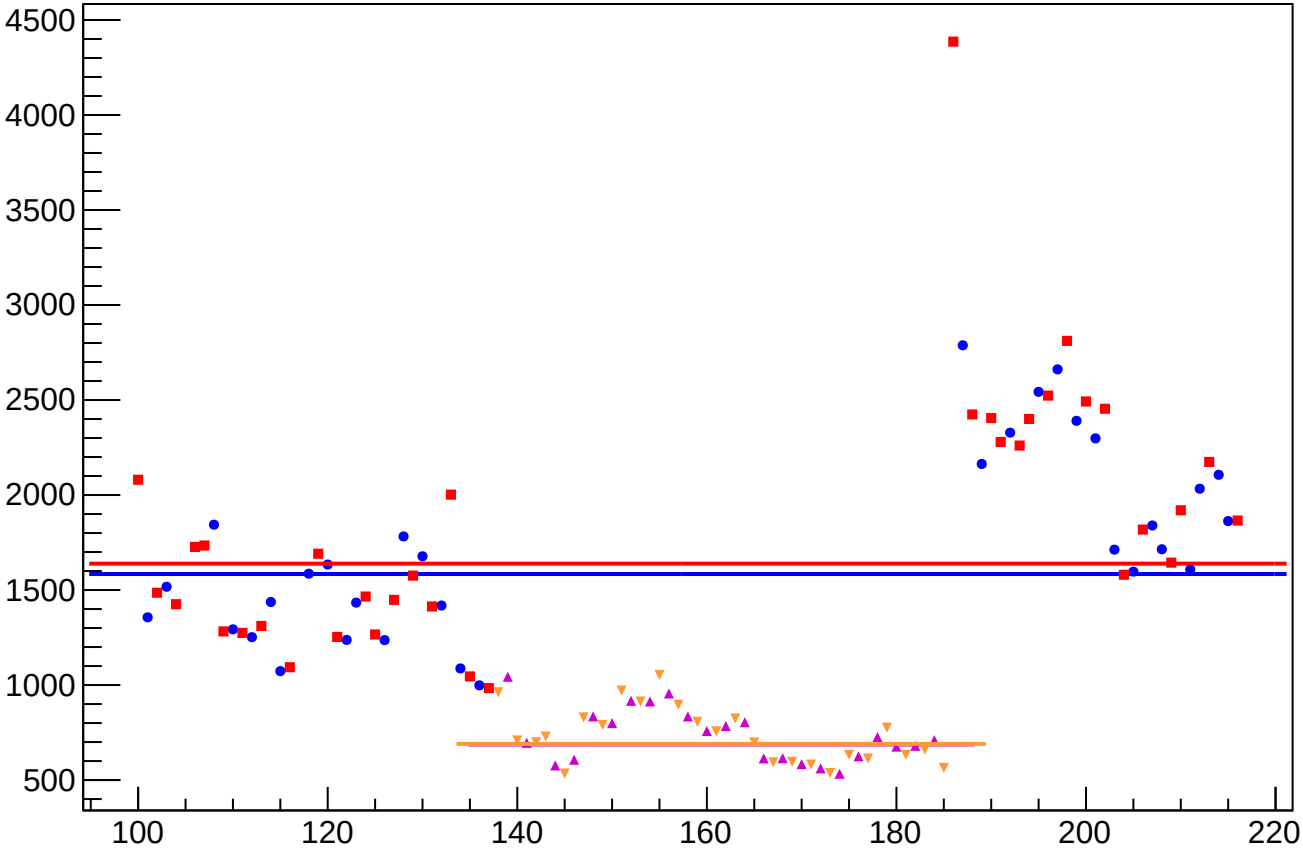
Left In: 65.924+/-167.485 χ^2/NDF:26.4/22

+ sign 938.304+/-151.434 χ^2/NDF: 106.0/56

All: 611.391+/-108.233 χ^2/NDF: 184.5/114

- sign 270.012+/-154.748 χ^2/NDF: 68.9/57

asym_sam_2468_avg_rms vs Slug



Right In: 1584.303+/-0.280 χ^2/NDF: 2397873.8/31

Left Out: 690.166+/-0.116 χ^2/NDF:1258158.2/24

Right Out: 1638.874+/-0.286 χ^2/NDF: 2841497.2/34

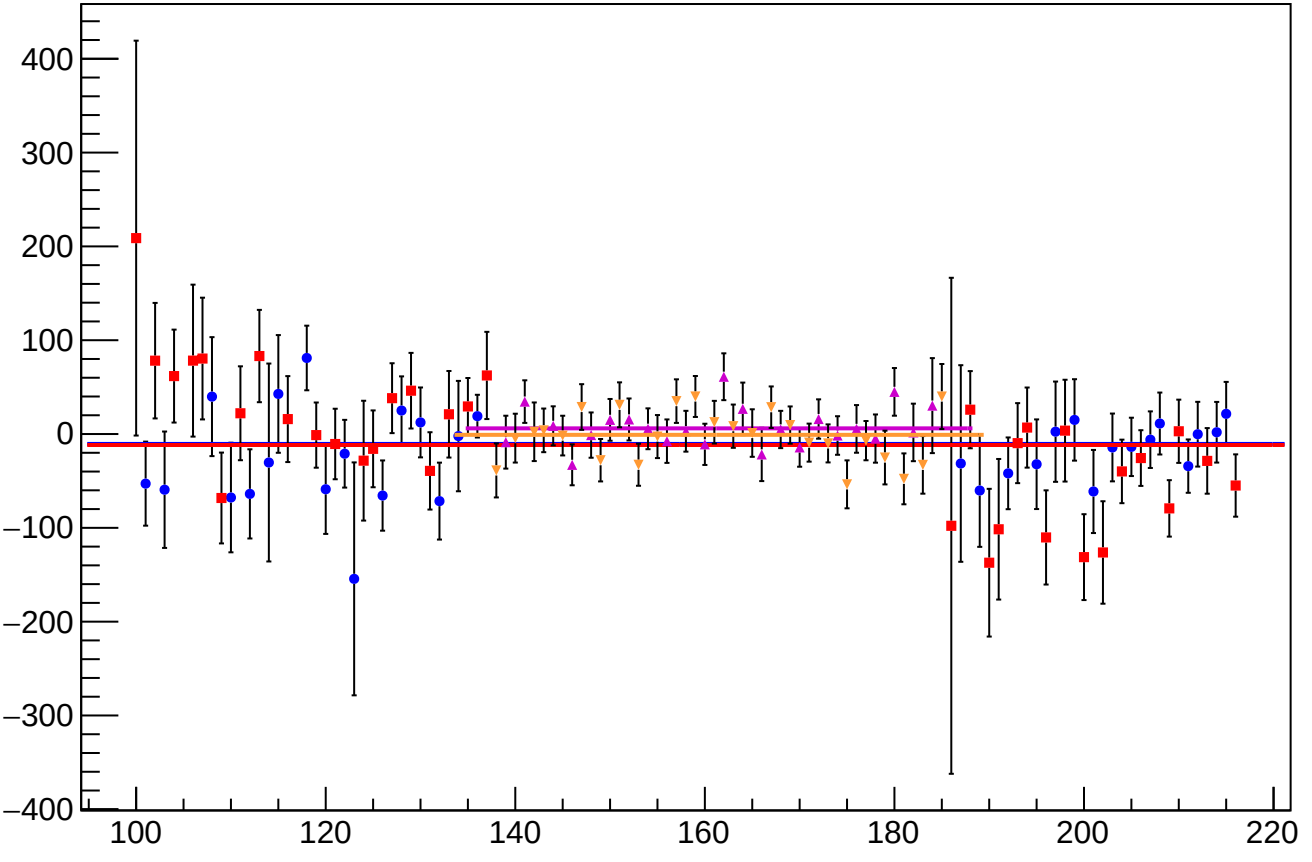
Left In: 687.216+/-0.118 χ^2/NDF:1099706.1/22

+ sign 820.874+/-0.107 χ^2/NDF: 12358723.2/56

All: 823.603+/-0.077 χ^2/NDF: 25748642.9/11

- sign 826.452+/-0.109 χ^2/NDF: 13388592.1/57

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -10.565+/-7.107 χ^2/NDF: 27.7/31

Left Out: -0.861+/-4.760 χ^2/NDF:27.9/24

Right Out: -11.684+/-7.366 χ^2/NDF: 52.3/34

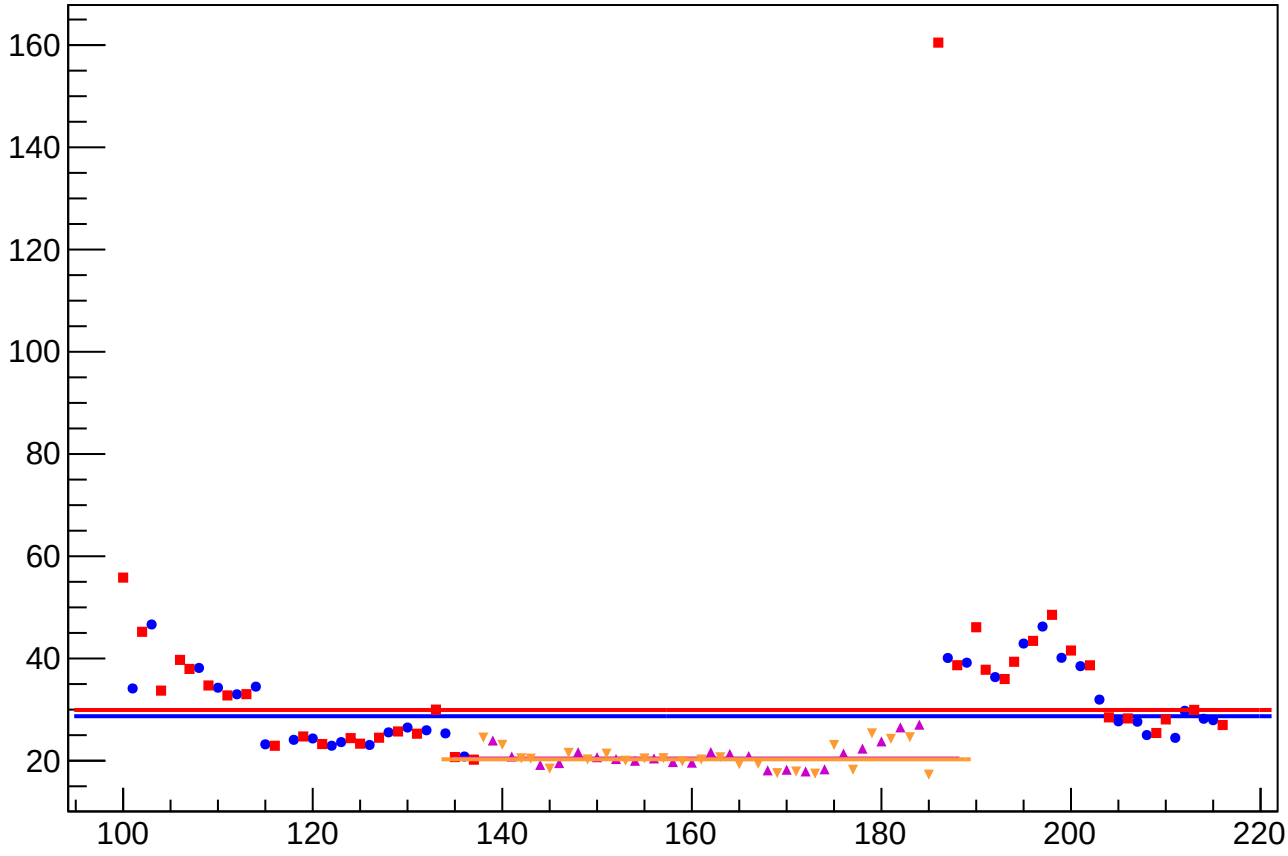
Left In: 6.042+/-4.925 χ^2/NDF:16.9/22

+ sign -3.866+/-3.955 χ^2/NDF: 56.9/56

All: -1.727+/-2.845 χ^2/NDF: 130.7/114

- sign 0.565+/-4.094 χ^2/NDF: 73.2/57

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.708+/-0.005 χ^2/NDF: 1613721.0/31

Left Out: 20.279+/-0.003 χ^2/NDF:407056.4/24

Right Out: 29.931+/-0.005 χ^2/NDF: 2301657.2/34

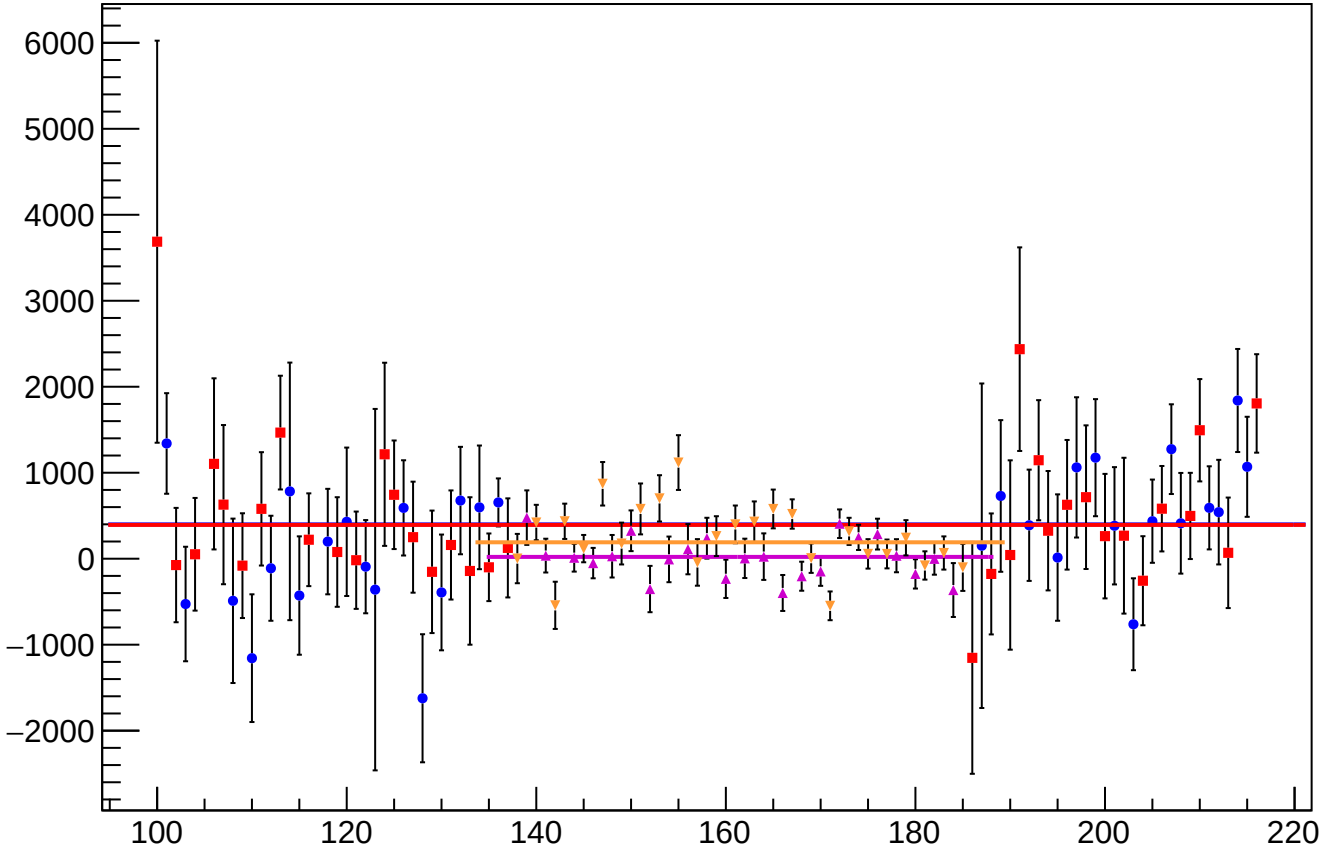
Left In: 20.424+/-0.003 χ^2/NDF:323427.4/22

+ sign 22.890+/-0.003 χ^2/NDF: 3962740.7/56

All: 23.117+/-0.002 χ^2/NDF: 8903823.2/114

- sign 23.361+/-0.003 χ^2/NDF: 4927364.7/57

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 398.923+/-108.959 χ^2/NDF: 40.3/31

Left Out: 190.867+/-41.314 χ^2/NDF:67.9/24

Right Out: 393.253+/-112.555 χ^2/NDF: 29.4/34

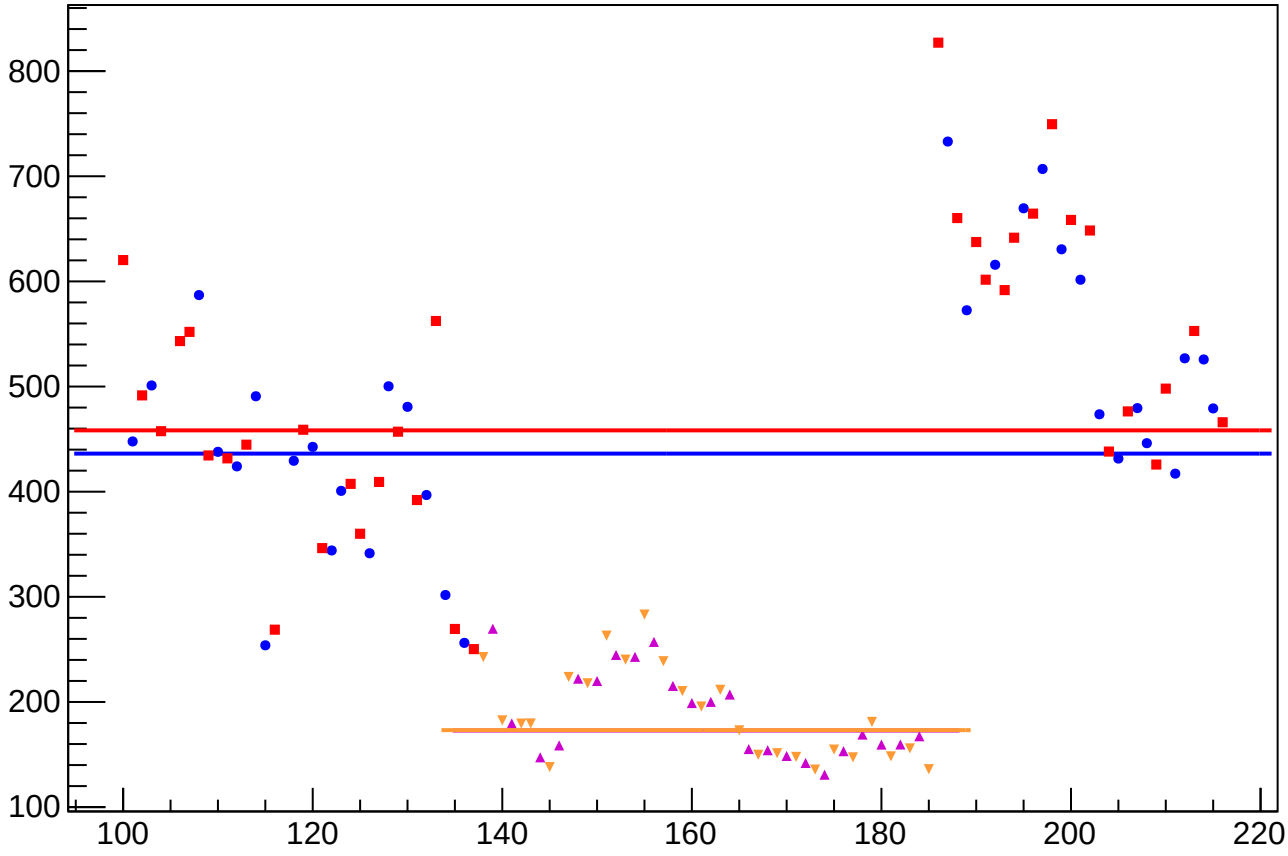
Left In: 20.998+/-42.291 χ^2/NDF:27.7/22

+ sign 217.019+/-38.630 χ^2/NDF: 111.3/56

All: 143.872+/-27.648 χ^2/NDF: 185.4/114

- sign 67.050+/-39.588 χ^2/NDF: 66.7/57

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 436.217+/-0.077 χ^2/NDF: 2343515.2/31

Left Out: 173.210+/-0.029 χ^2/NDF:1561250.6/24

Right Out: 458.323+/-0.080 χ^2/NDF: 2528719.8/34

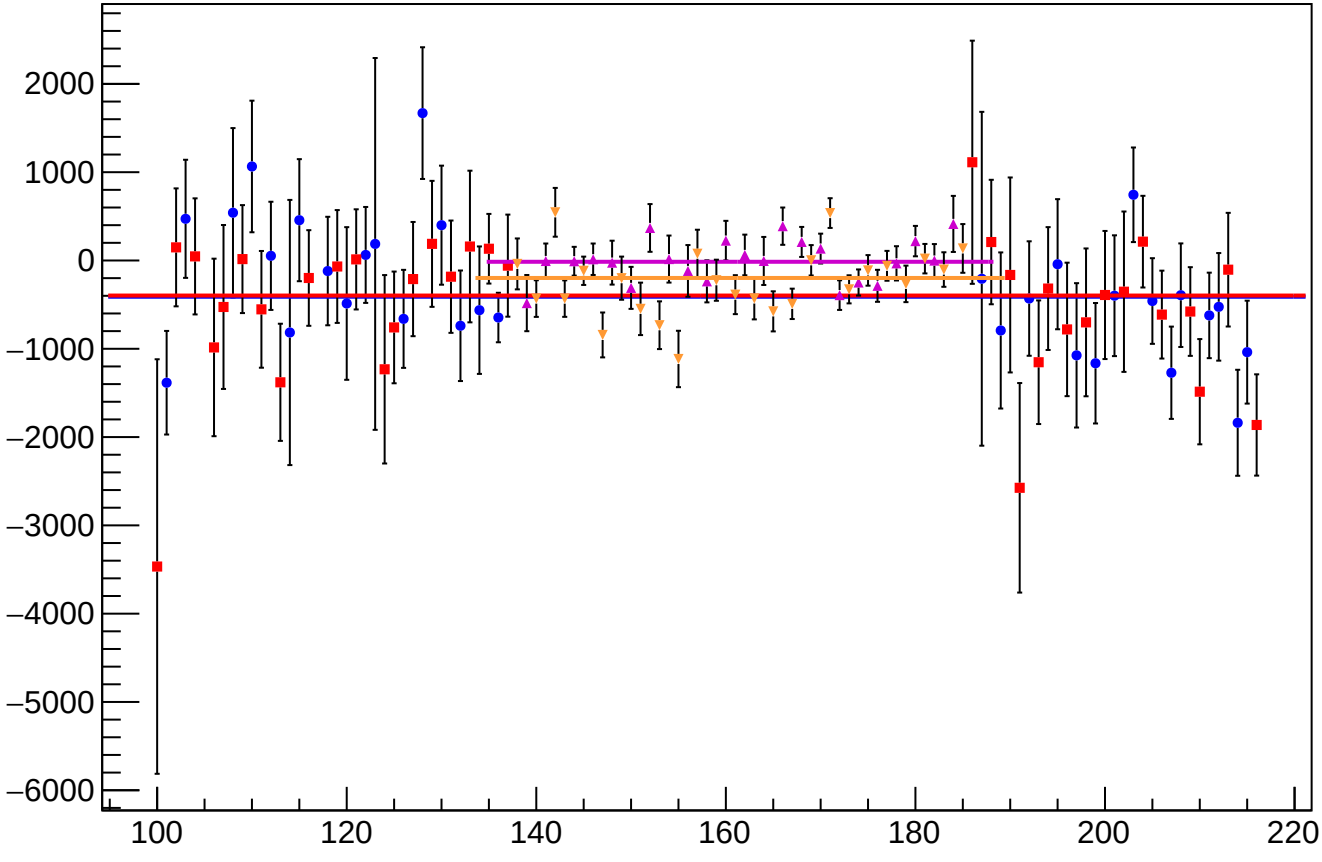
Left In: 172.828+/-0.030 χ^2/NDF:1372131.7/22

+ sign 206.270+/-0.027 χ^2/NDF: 14093107.0/56

All: 207.185+/-0.020 χ^2/NDF: 29272018.0/11

- sign 208.147+/-0.028 χ^2/NDF: 15176607.6/57

asym_sam_1357_2468_dd_mean vs Slug



Right In: -410.501+/-109.230 χ^2/NDF: 39.9/31

Left Out: -197.918+/-41.638 χ^2/NDF:64.3/24

Right Out: -397.050+/-112.857 χ^2/NDF: 29.9/34

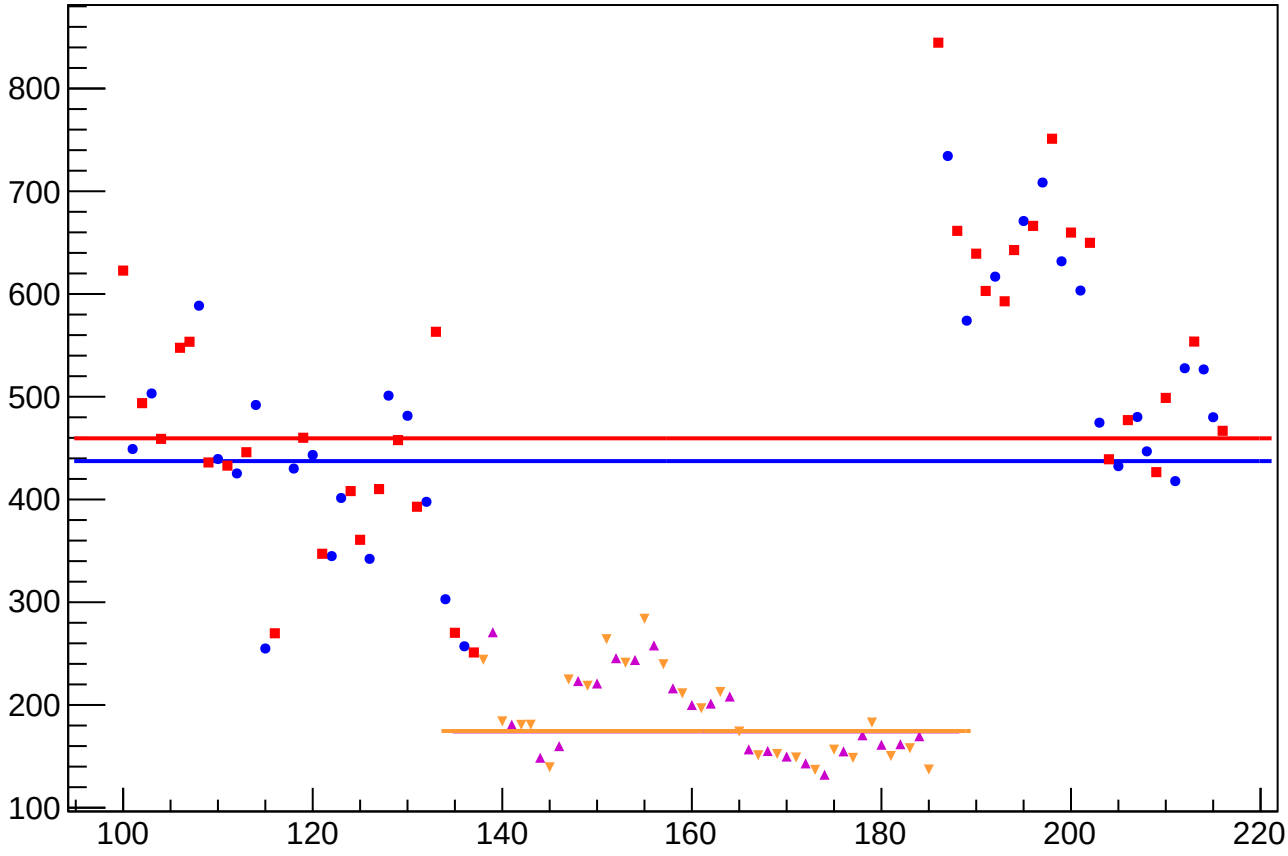
Left In: -14.616+/-42.629 χ^2/NDF:27.7/22

+ sign -224.889+/-38.907 χ^2/NDF: 107.4/56

All: -145.633+/-27.849 χ^2/NDF: 183.6/114

- sign -62.368+/-39.879 χ^2/NDF: 67.7/57

asym_sam_1357_2468_dd_rms vs Slug



Right In: 437.361+/-0.077 χ^2/NDF: 2335869.7/31

Left Out: 174.648+/-0.029 χ^2/NDF:1531999.5/24

Right Out: 459.523+/-0.080 χ^2/NDF: 2531167.5/34

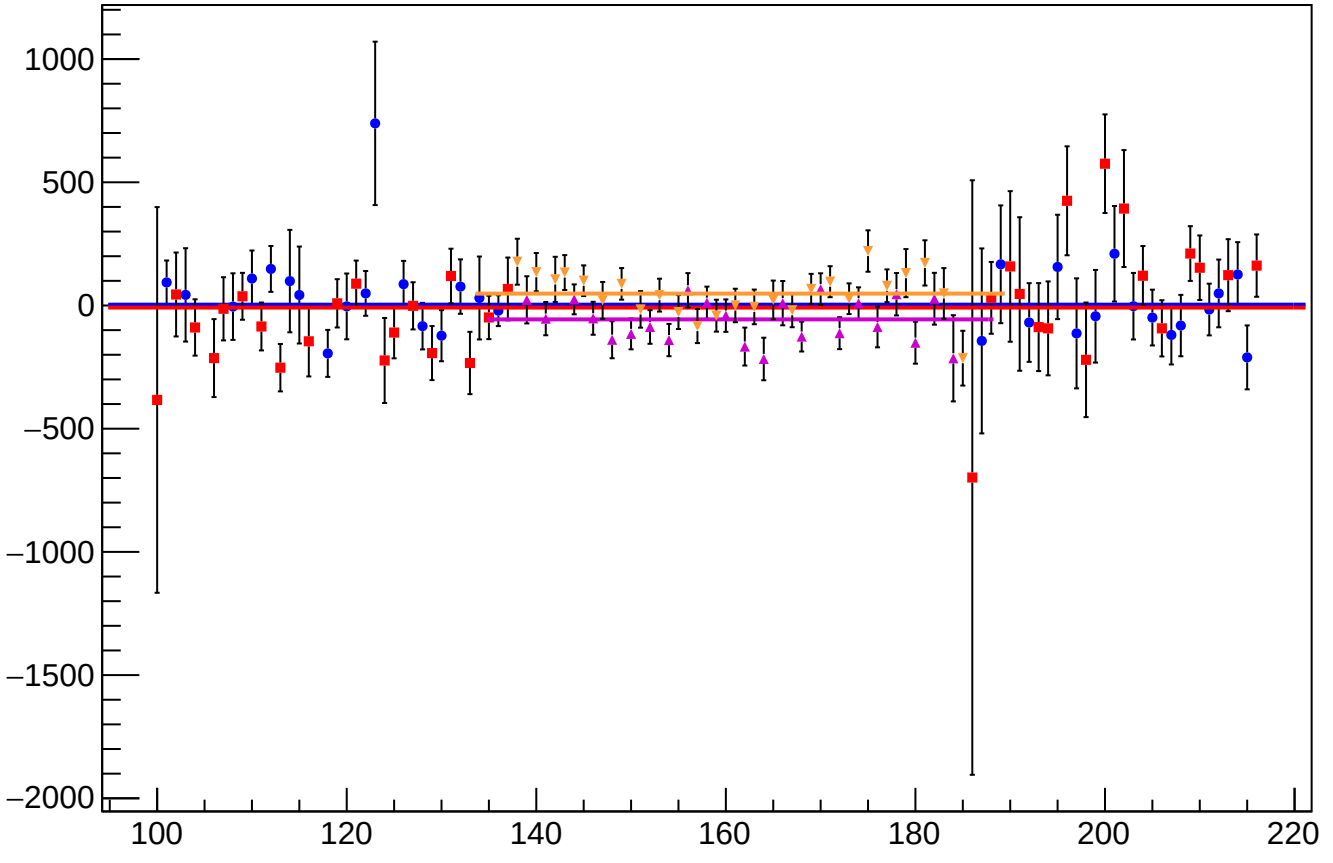
Left In: 174.288+/-0.030 χ^2/NDF:1344779.5/22

+ sign 207.979+/-0.028 χ^2/NDF: 13969372.0/56

All: 208.918+/-0.020 χ^2/NDF: 29027988.2/11

- sign 209.904+/-0.028 χ^2/NDF: 15056230.7/57

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 3.252+/-21.685 χ^2/NDF: 26.1/31

Left Out: 48.233+/-14.616 χ^2/NDF:29.3/24

Right Out: -8.439+/-22.027 χ^2/NDF: 49.1/34

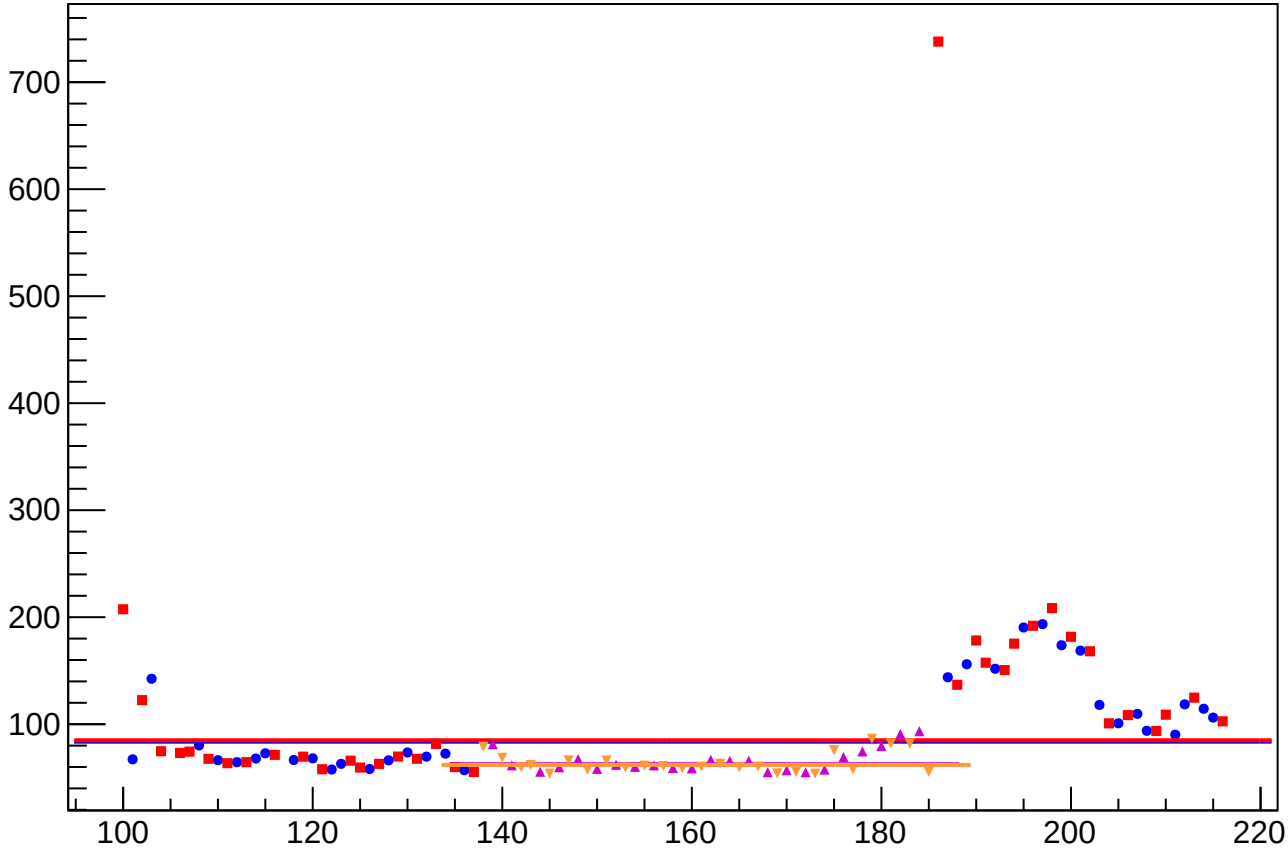
Left In: -56.403+/-15.182 χ^2/NDF:27.5/22

+ sign 34.182+/-12.120 χ^2/NDF: 58.4/56

All: -2.225+/-8.701 χ^2/NDF: 156.8/114

- sign -40.956+/-12.501 χ^2/NDF: 79.8/57

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 83.662+/-0.015 χ^2/NDF: 4337284.0/31

Left Out: 61.946+/-0.010 χ^2/NDF:604989.2/24

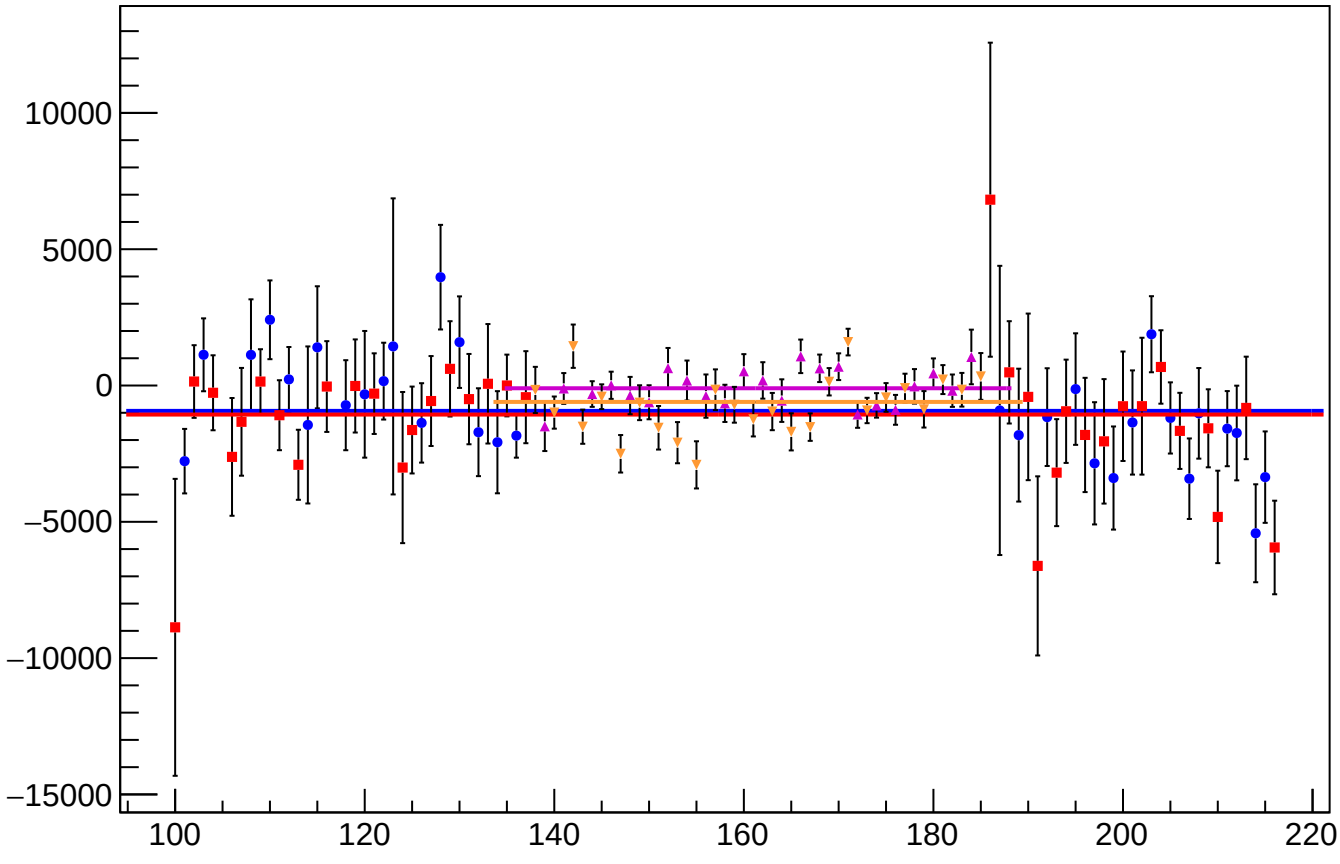
Right Out: 84.996+/-0.016 χ^2/NDF: 5269017.8/34

Left In: 62.607+/-0.011 χ^2/NDF:575516.1/22

+ sign 68.730+/-0.009 χ^2/NDF: 6321429.9/56

All: 69.257+/-0.006 χ^2/NDF: 13574595.7/114

- sign 69.818+/-0.009 χ^2/NDF: 7245359.3/57



Right In: -930.600+/-284.408 χ^2/NDF: 43.4/31

Left Out: -601.486+/-122.119 χ^2/NDF:65.4/24

Right Out: -1065.632+/-288.632 χ^2/NDF: 32.9/34

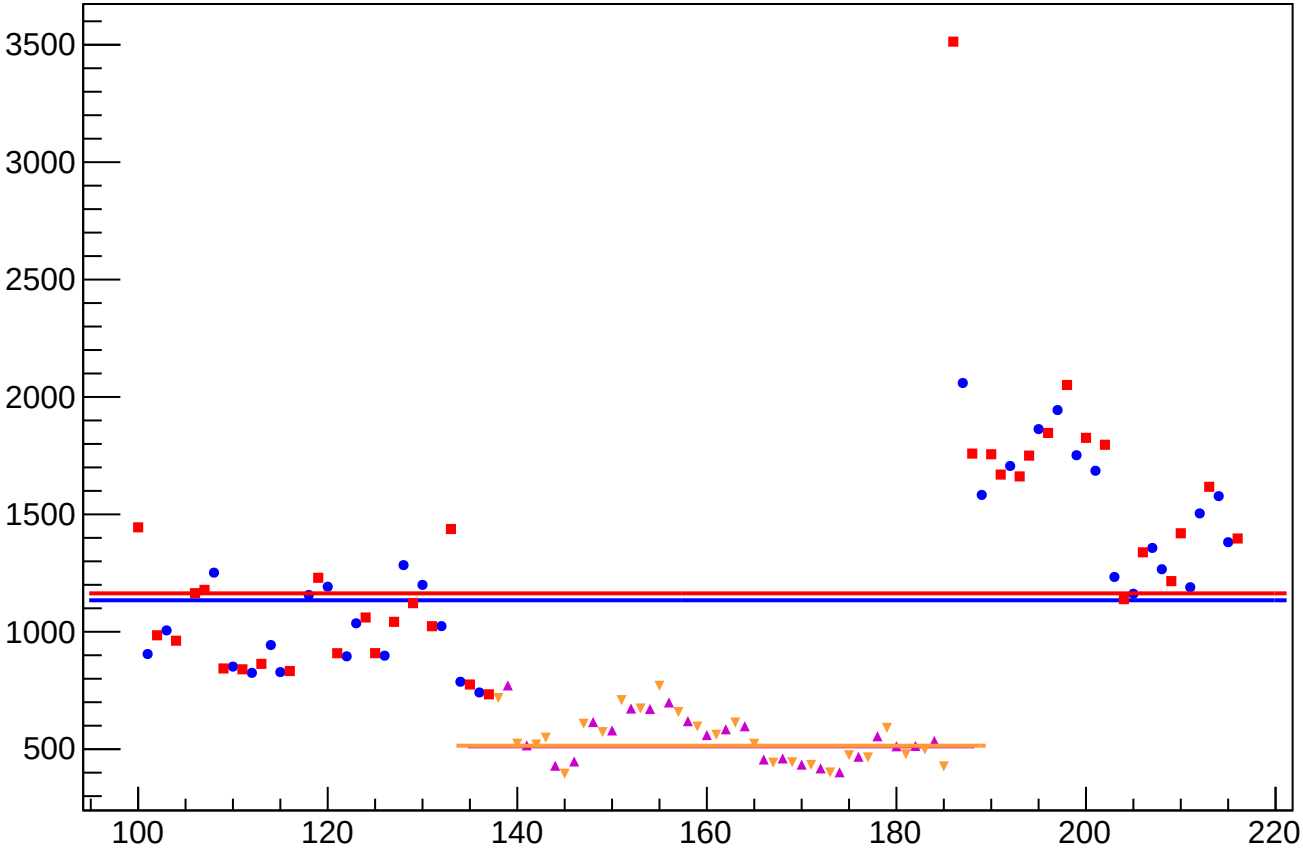
Left In: -100.548+/-124.725 χ^2/NDF:25.5/22

+ sign -652.717+/-112.212 χ^2/NDF: 109.9/56

All: -456.587+/-80.140 χ^2/NDF: 183.9/114

- sign -252.403+/-114.492 χ^2/NDF: 67.8/57

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1134.147+/-0.201 χ^2/NDF: 2592385.0/31

Left Out: 514.758+/-0.086 χ^2/NDF:1194945.9/24

Right Out: 1163.642+/-0.204 χ^2/NDF: 3154126.6/34

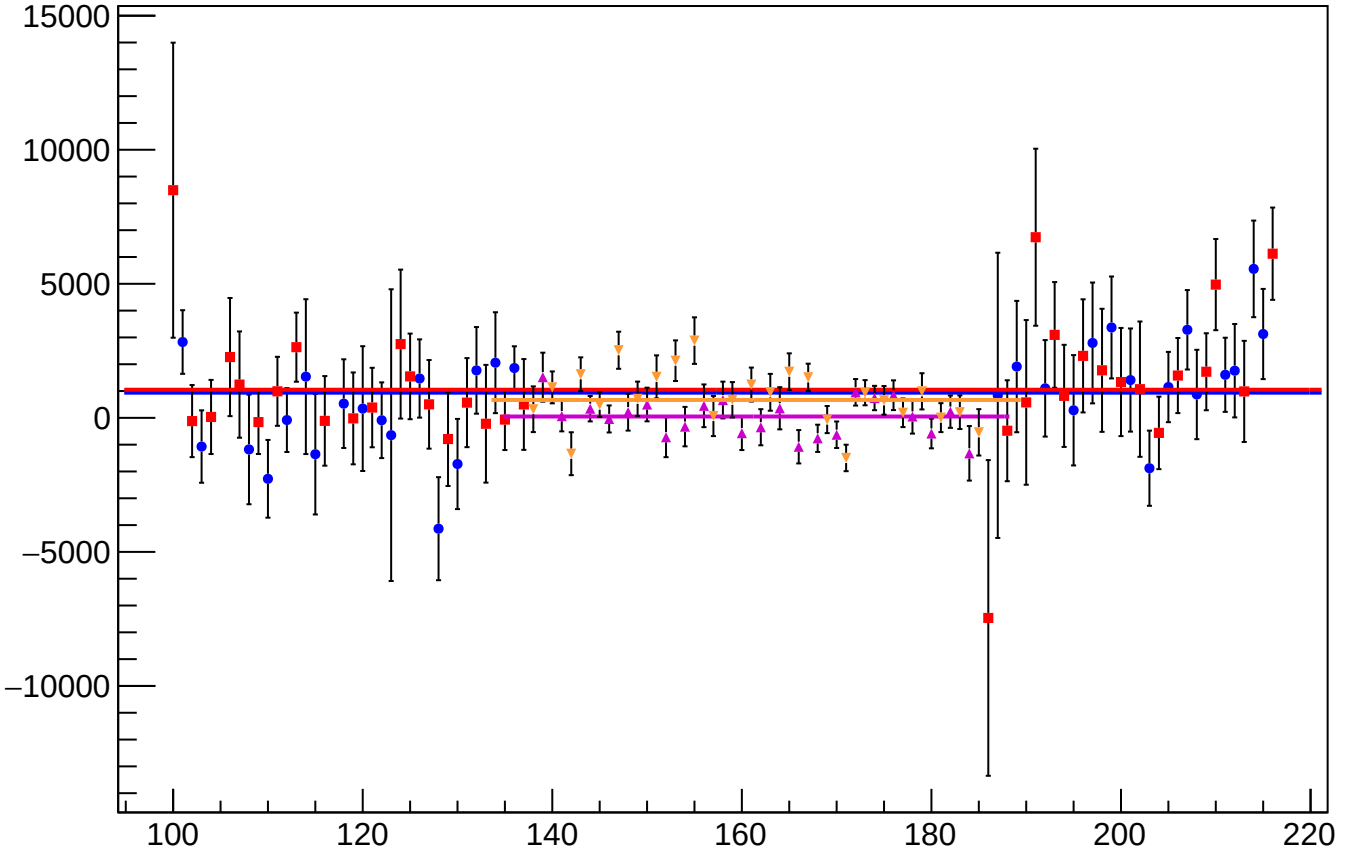
Left In: 512.199+/-0.088 χ^2/NDF:1041302.8/22

+ sign 611.175+/-0.079 χ^2/NDF: 11796492.1/56

All: 612.904+/-0.057 χ^2/NDF: 24577908.2/11

- sign 614.703+/-0.081 χ^2/NDF: 12780447.7/57

asym_sam_12345678_avg_mean vs Slug



Right In: 940.292+/-285.449 χ^2/NDF: 42.7/31

Left Out: 667.625+/-123.146 χ^2/NDF:61.5/24

Right Out: 1048.864+/-289.806 χ^2/NDF: 33.3/34

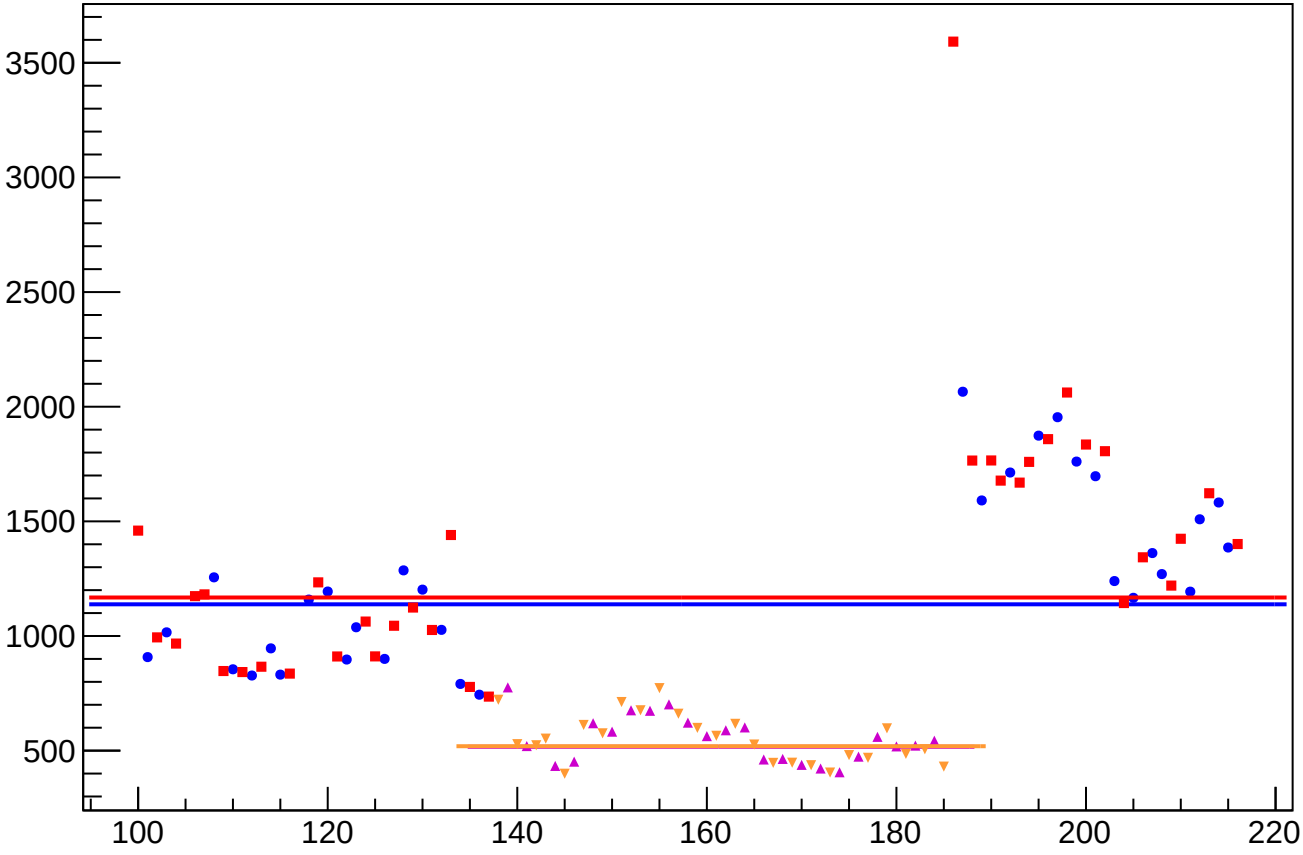
Left In: 50.079+/-125.805 χ^2/NDF:26.1/22

+ sign 710.409+/-113.072 χ^2/NDF: 105.0/56

All: 464.544+/-80.765 χ^2/NDF: 184.1/114

- sign 208.449+/-115.401 χ^2/NDF: 69.4/57

asym_sam_12345678_avg_rms vs Slug



Right In: 1138.197+/-0.202 χ^2/NDF: 2598283.9/31

Left Out: 519.254+/-0.087 χ^2/NDF:1172411.1/24

Right Out: 1167.897+/-0.205 χ^2/NDF: 3167804.3/34

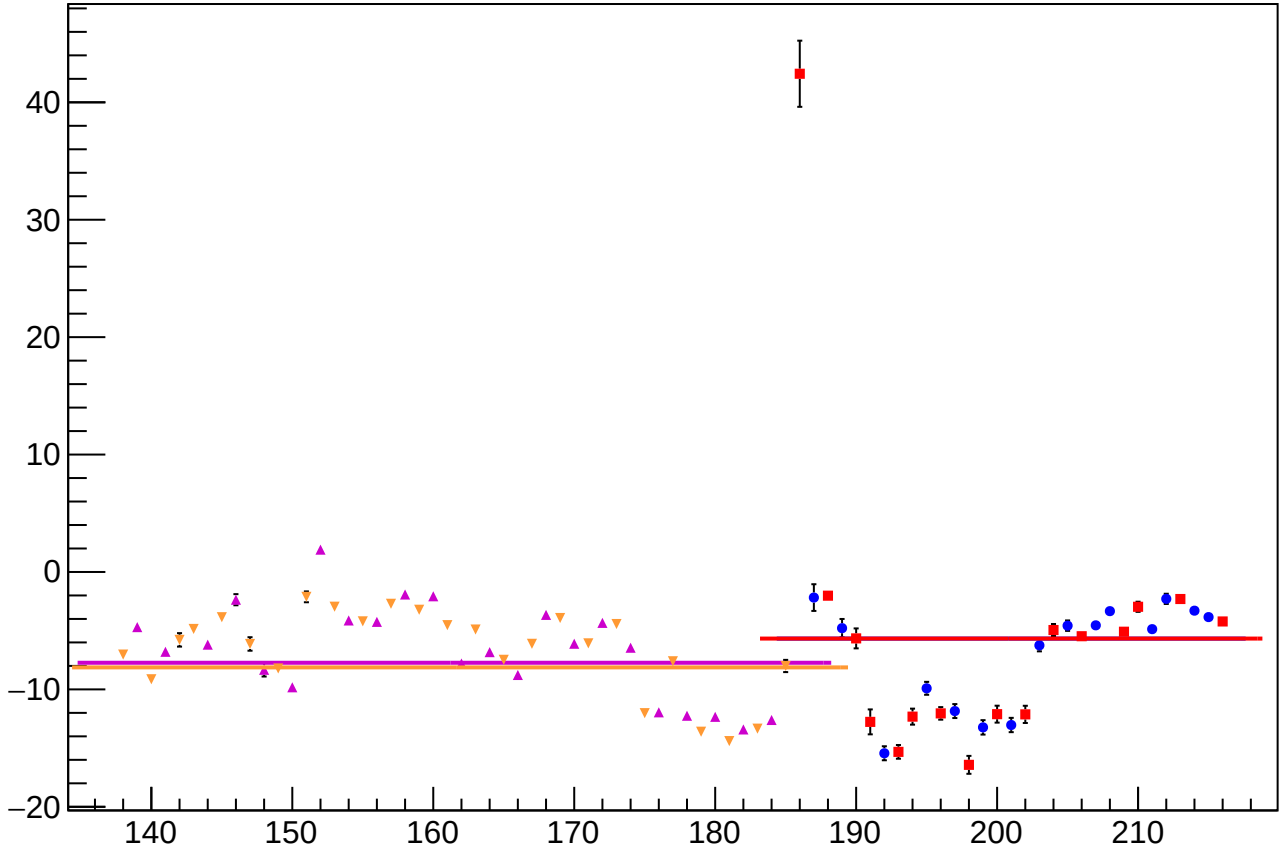
Left In: 516.792+/-0.089 χ^2/NDF:1021374.1/22

+ sign 616.373+/-0.080 χ^2/NDF: 11698389.4/56

All: 618.166+/-0.057 χ^2/NDF: 24383101.3/11

- sign 620.033+/-0.082 χ^2/NDF: 12683685.6/57

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -5.675+/-0.117 χ^2/NDF: 956.8/14

Left Out: -8.127+/-0.067 χ^2/NDF:3635.5/24

Right Out: -5.672+/-0.116 χ^2/NDF: 1503.9/15

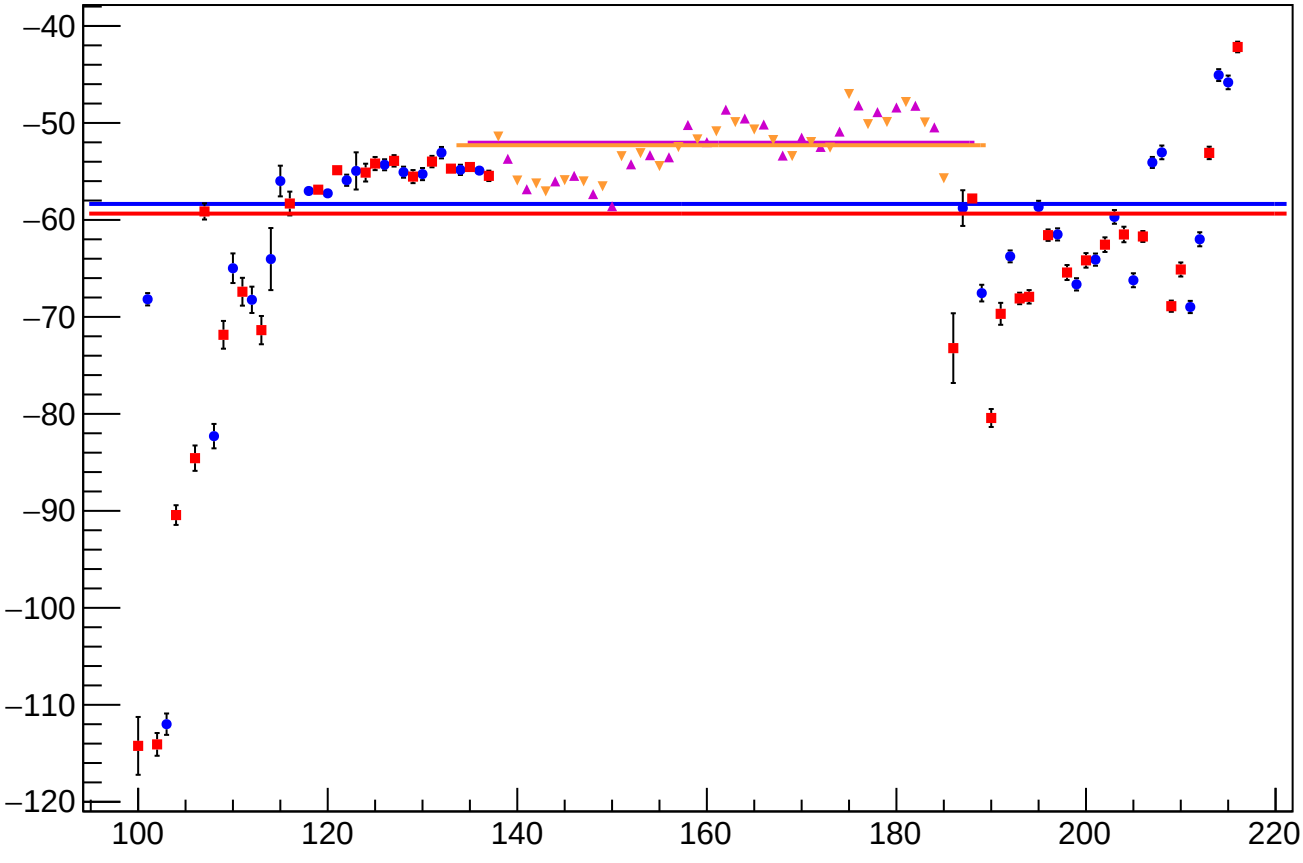
Left In: -7.732+/-0.069 χ^2/NDF:3719.0/22

+ sign -7.517+/-0.058 χ^2/NDF: 4921.8/39

All: -7.360+/-0.042 χ^2/NDF: 10391.3/78

- sign -7.199+/-0.059 χ^2/NDF: 5454.8/38

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.351+/-0.111 χ^2/NDF: 5292.8/31

Left Out: -52.297+/-0.055 χ^2/NDF:2657.5/24

Right Out: -59.349+/-0.110 χ^2/NDF: 7394.5/34

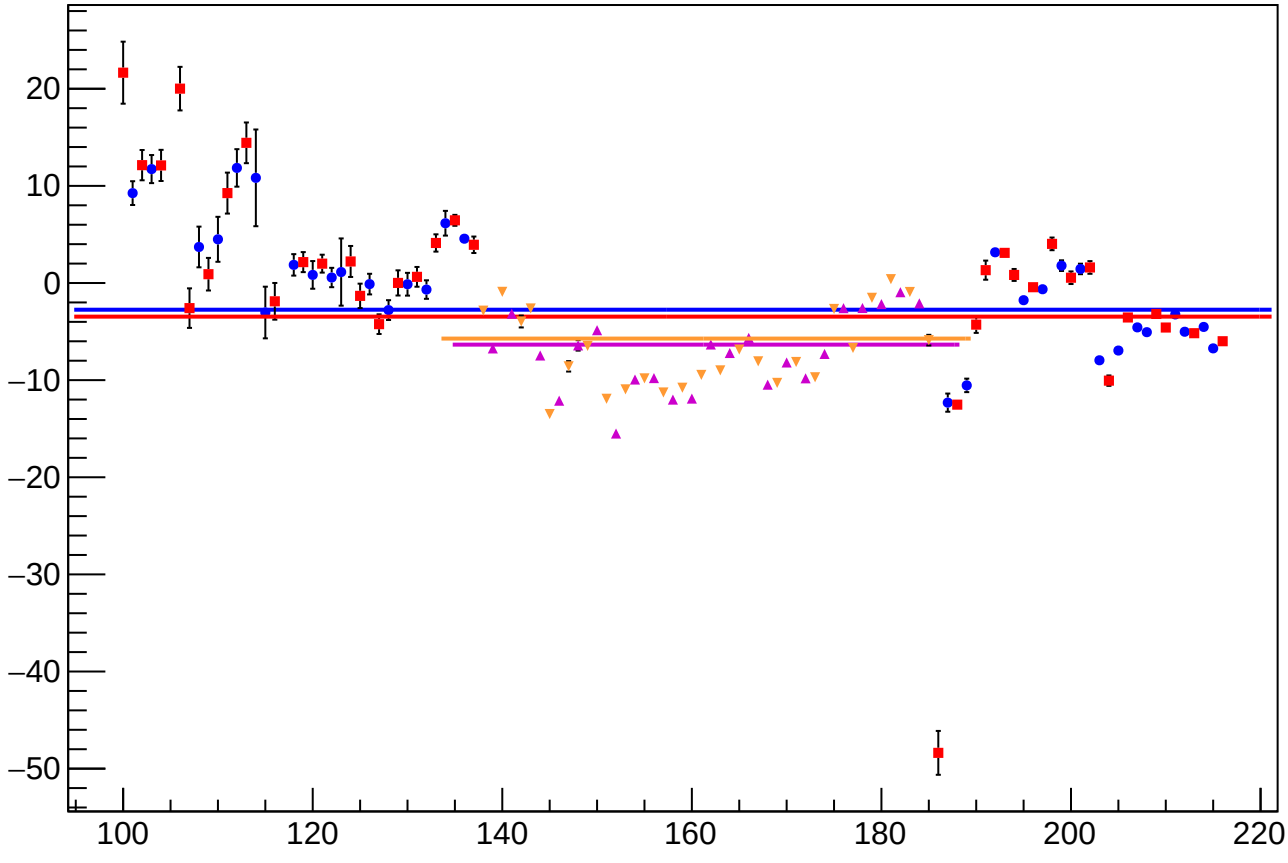
Left In: -52.038+/-0.057 χ^2/NDF:3180.4/22

+ sign -53.493+/-0.049 χ^2/NDF: 10339.4/56

All: -53.544+/-0.035 χ^2/NDF: 24409.7/114

- sign -53.599+/-0.051 χ^2/NDF: 14068.1/57

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -2.749+/-0.106 χ^2/NDF: 1623.5/31

Left Out: -5.722+/-0.068 χ^2/NDF:3983.0/24

Right Out: -3.461+/-0.104 χ^2/NDF: 3306.3/34

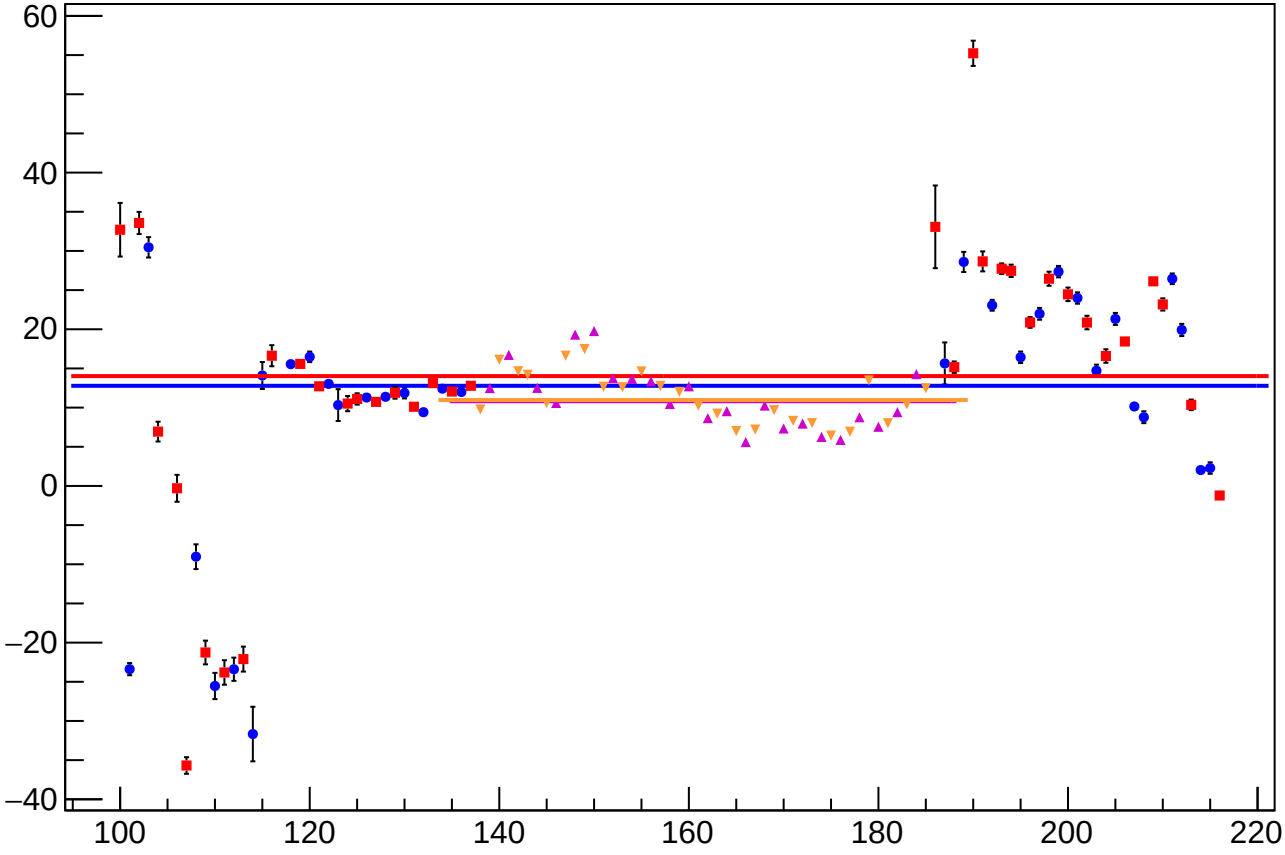
Left In: -6.344+/-0.069 χ^2/NDF:3383.7/22

+ sign -4.861+/-0.057 χ^2/NDF: 6167.1/56

All: -5.164+/-0.040 χ^2/NDF: 13448.9/114

- sign -5.470+/-0.057 χ^2/NDF: 7224.9/57

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.782+/-0.123 χ^2/NDF: 6291.6/31

Left Out: 10.967+/-0.061 χ^2/NDF:2637.7/24

Right Out: 14.022+/-0.124 χ^2/NDF: 7659.7/34

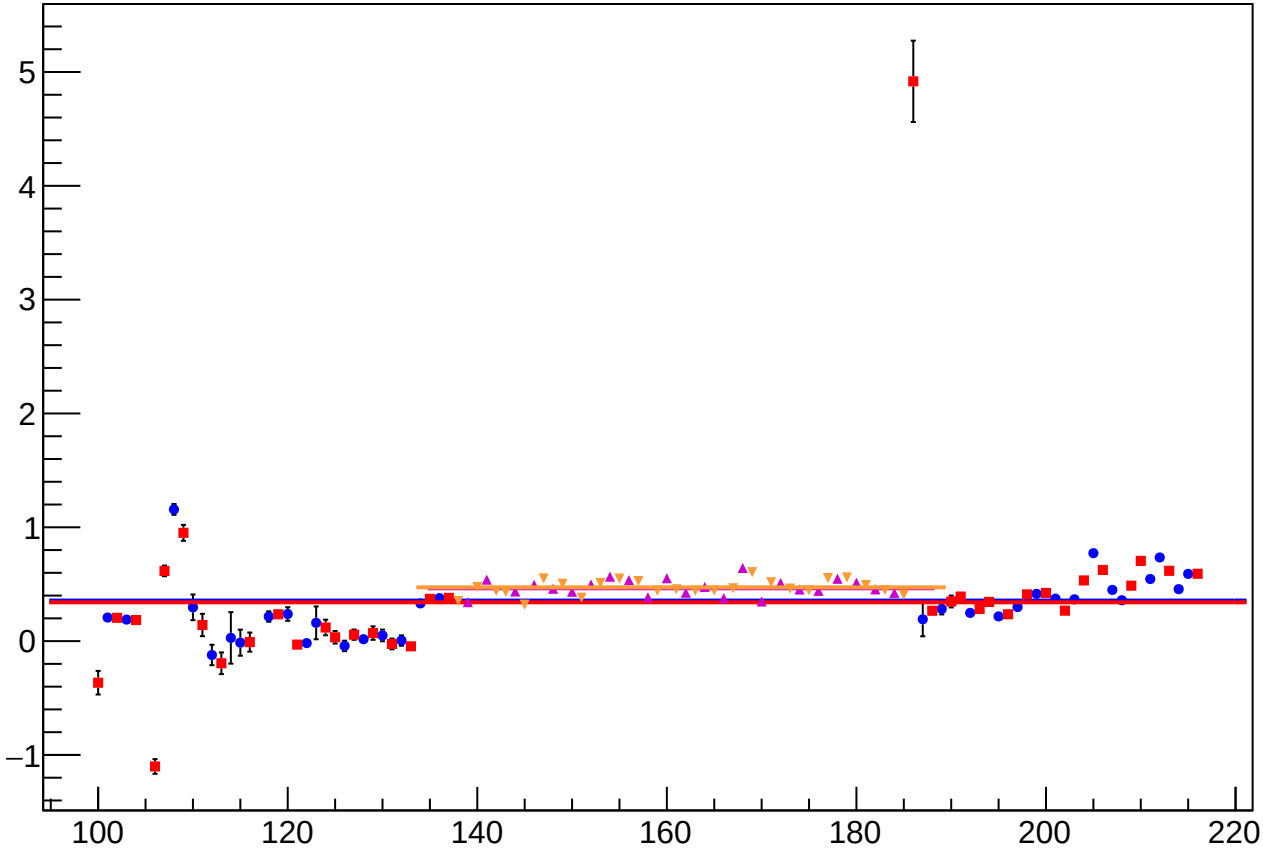
Left In: 10.813+/-0.063 χ^2/NDF:3546.8/22

+ sign 11.329+/-0.055 χ^2/NDF: 9103.7/56

All: 11.401+/-0.039 χ^2/NDF: 20847.5/114

- sign 11.476+/-0.056 χ^2/NDF: 11740.3/57

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.356+/-0.005 χ^2/NDF: 1127.0/31

Left Out: 0.472+/-0.003 χ^2/NDF:519.0/24

Right Out: 0.341+/-0.005 χ^2/NDF: 1787.6/34

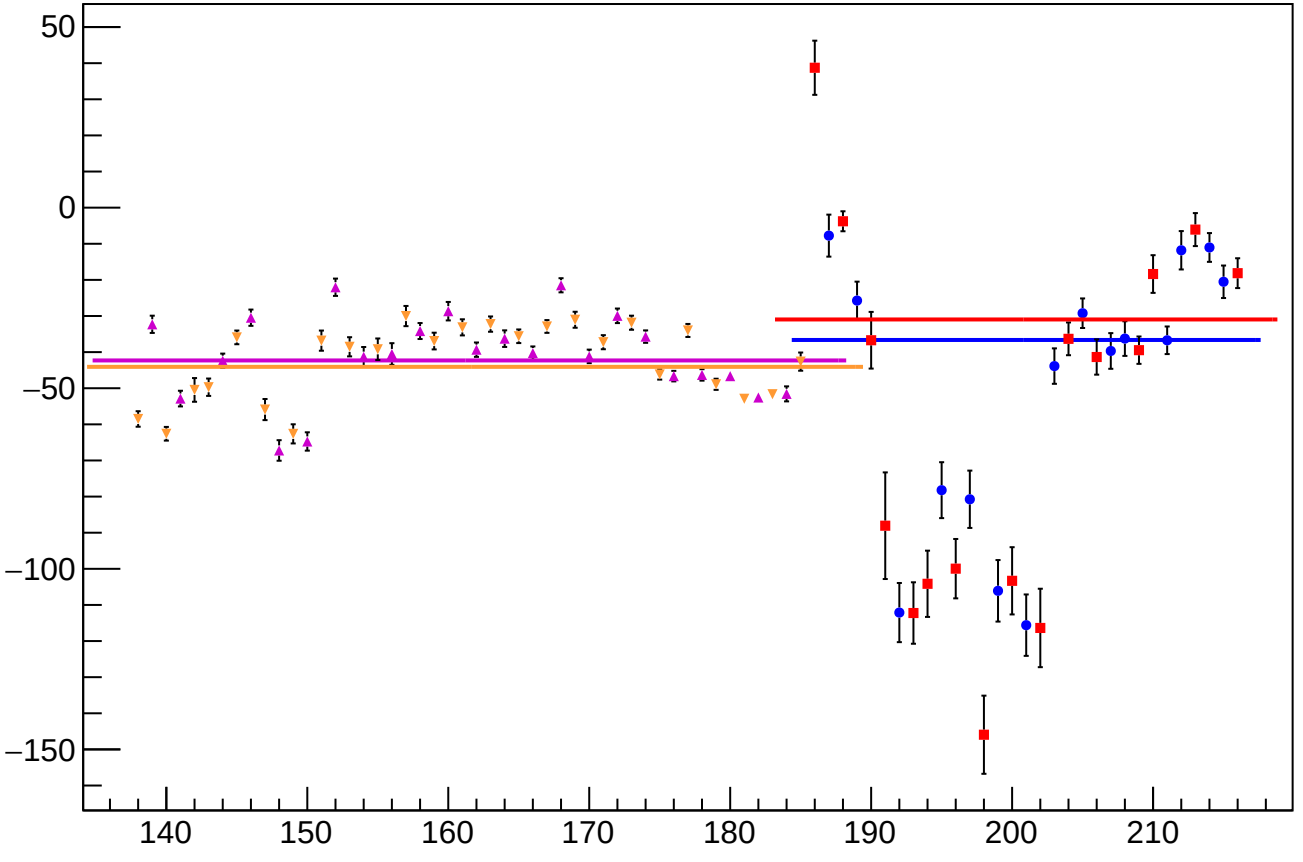
Left In: 0.464+/-0.003 χ^2/NDF:733.1/22

+ sign 0.448+/-0.002 χ^2/NDF: 2011.6/56

All: 0.444+/-0.002 χ^2/NDF: 4942.0/114

- sign 0.439+/-0.002 χ^2/NDF: 2923.4/57

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -36.636+/-1.357 χ^2/NDF: 408.2/14

Left Out: -44.077+/-0.389 χ^2/NDF:632.6/24

Right Out: -30.958+/-1.358 χ^2/NDF: 715.2/15

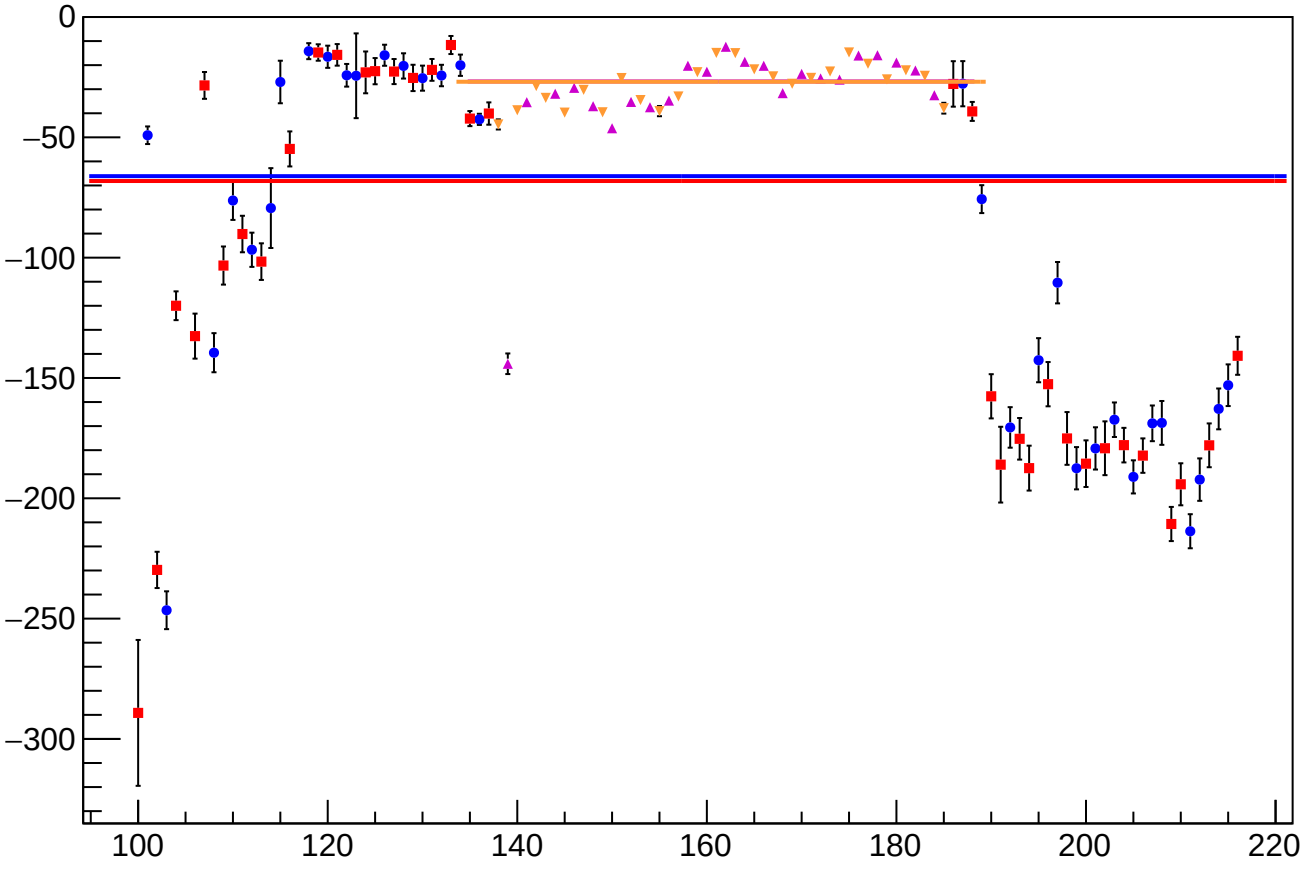
Left In: -42.304+/-0.399 χ^2/NDF:640.6/22

\+ sign -43.513+/-0.374 χ^2/NDF: 1068.6/39

All: -42.484+/-0.267 χ^2/NDF: 2504.2/78

\- sign -41.402+/-0.383 χ^2/NDF: 1420.0/38

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -66.135+/-1.003 χ^2/NDF: 4027.7/31

Left Out: -26.902+/-0.316 χ^2/NDF:631.0/24

Right Out: -68.151+/-1.034 χ^2/NDF: 4084.6/34

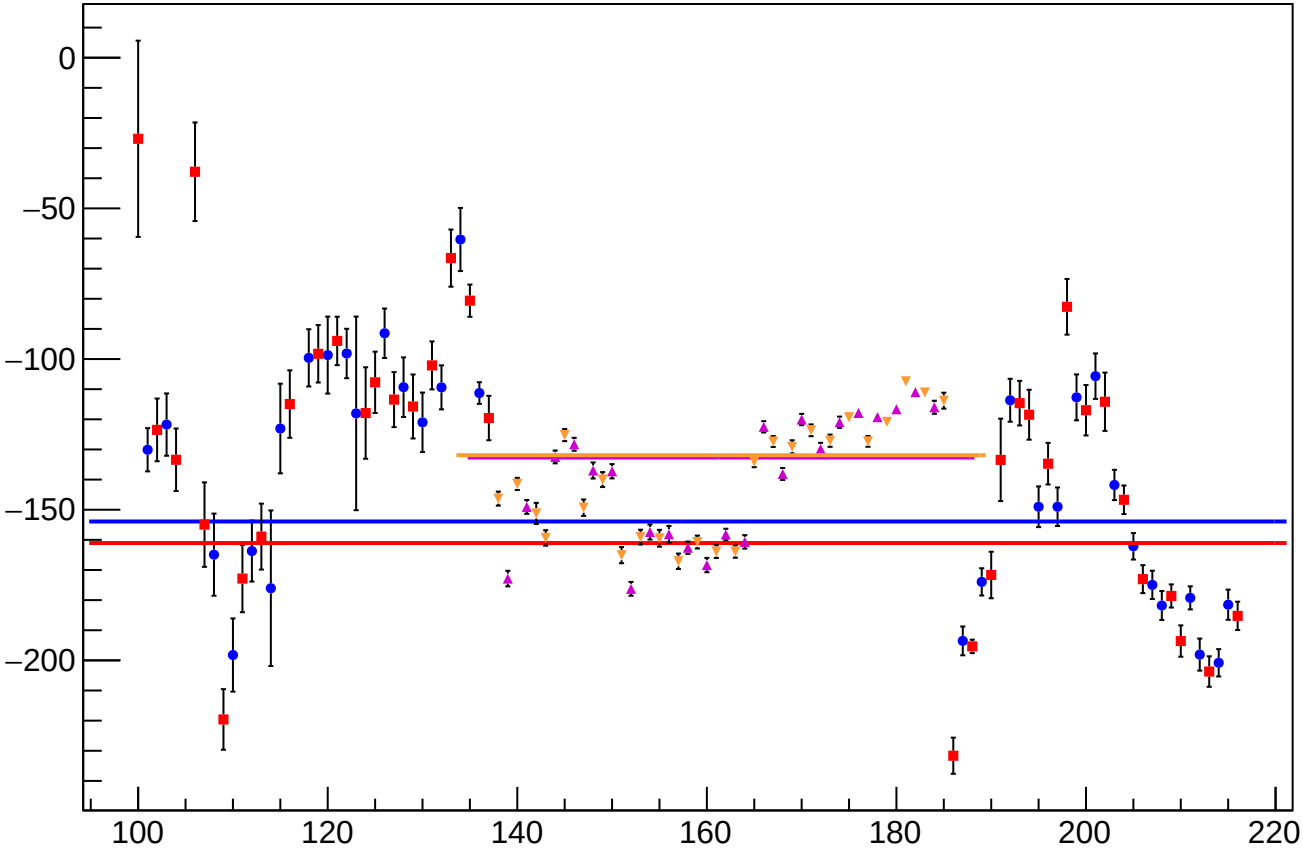
Left In: -26.774+/-0.326 χ^2/NDF:1394.5/22

\+ sign -30.450+/-0.302 χ^2/NDF: 6050.3/56

All: -30.486+/-0.217 χ^2/NDF: 12986.7/114

\- sign -30.524+/-0.311 χ^2/NDF: 6936.4/57

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -153.908+/-1.121 χ^2/NDF: 991.1/31

Left Out: -131.912+/-0.391 χ^2/NDF:2439.3/24

Right Out: -161.061+/-1.100 χ^2/NDF: 1510.2/34

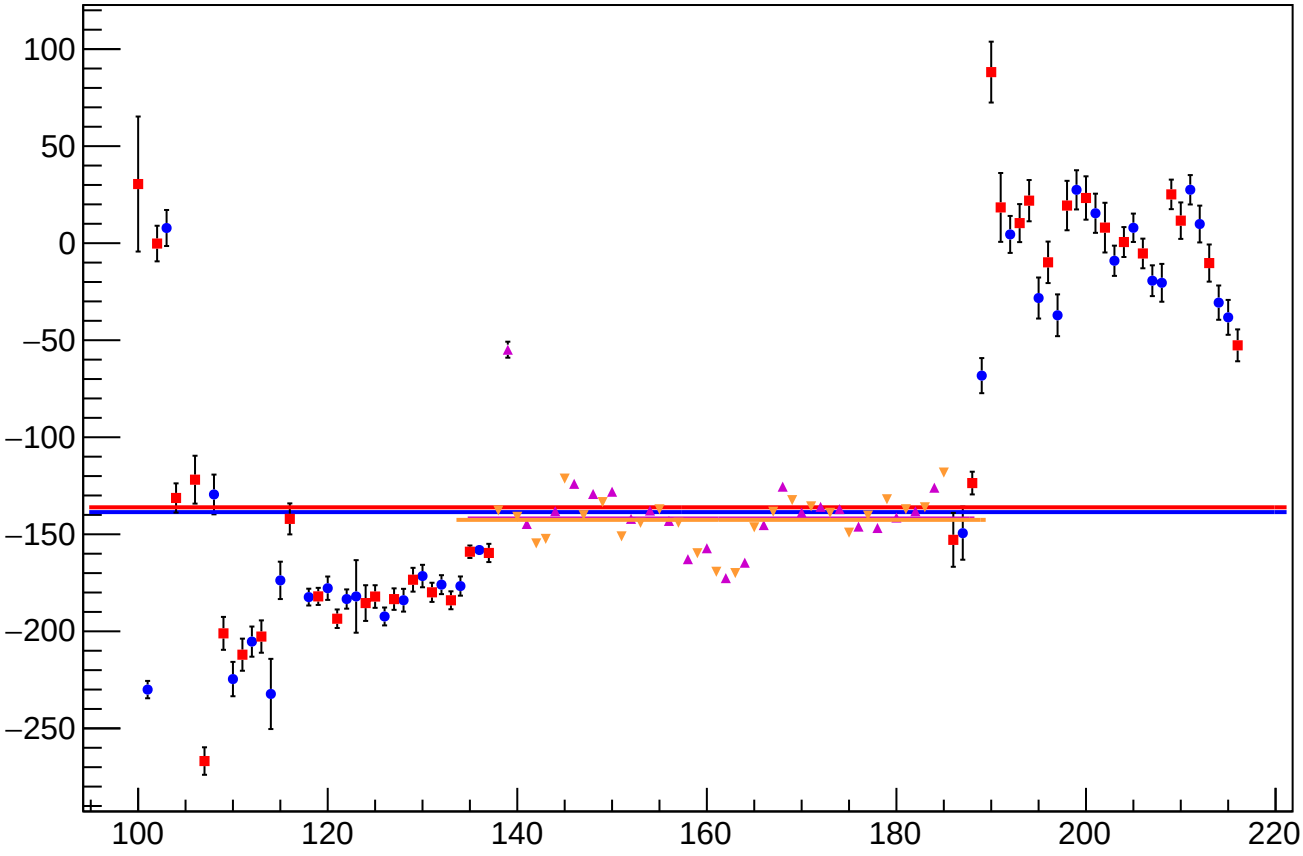
Left In: -132.690+/-0.399 χ^2/NDF:2480.2/22

+ sign -134.304+/-0.370 χ^2/NDF: 3773.7/56

All: -135.135+/-0.263 χ^2/NDF: 8361.8/114

- sign -135.993+/-0.375 χ^2/NDF: 4577.8/57

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -138.571+/-1.123 χ^2/NDF: 4562.6/31

Left Out: -142.564+/-0.354 χ^2/NDF:1147.7/24

Right Out: -136.087+/-1.179 χ^2/NDF: 4437.4/34

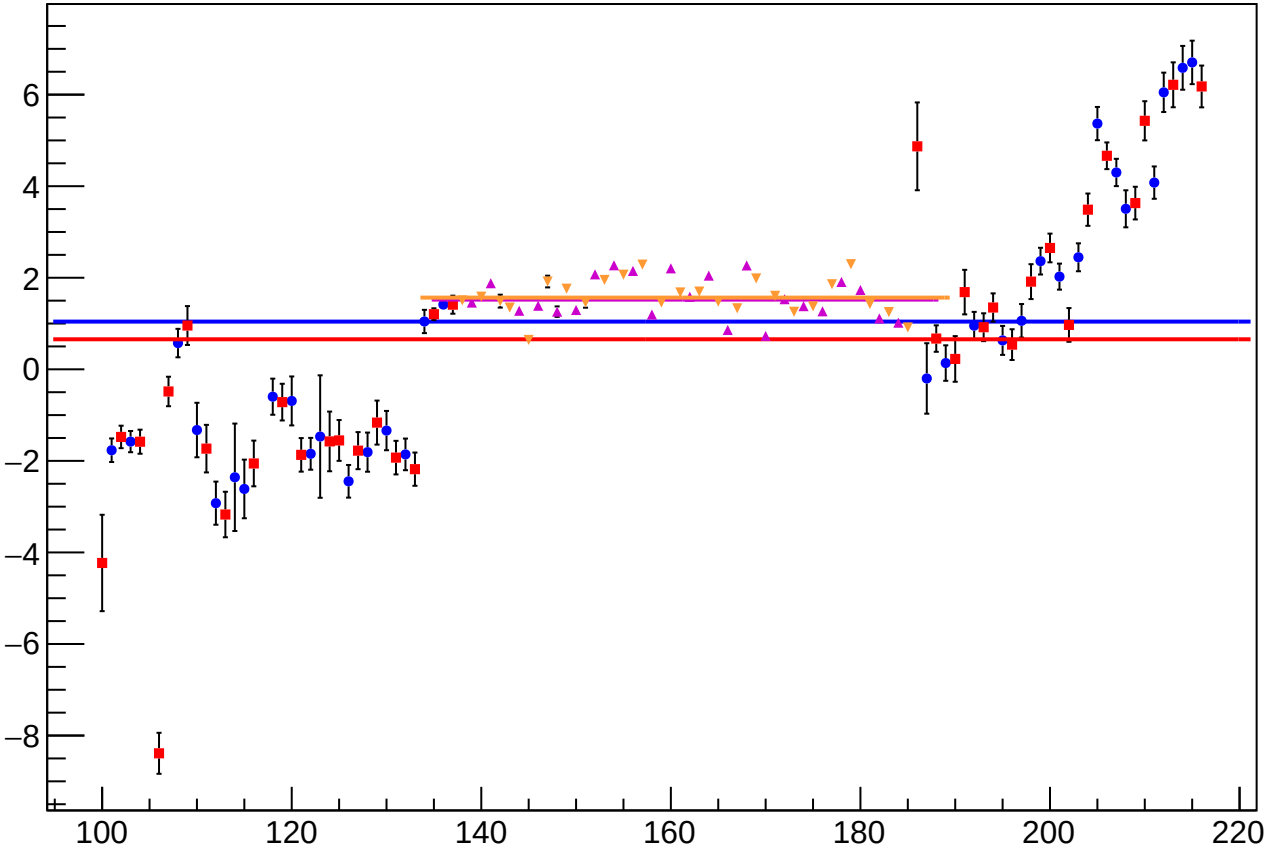
Left In: -141.856+/-0.364 χ^2/NDF:1544.3/22

+ sign -142.203+/-0.338 χ^2/NDF: 5721.8/56

All: -141.791+/-0.242 χ^2/NDF: 11728.4/114

- sign -141.355+/-0.348 χ^2/NDF: 6003.5/57

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 1.042+/-0.054 χ^2/NDF: 1580.8/31

Left Out: 1.566+/-0.016 χ^2/NDF:542.8/24

Right Out: 0.656+/-0.056 χ^2/NDF: 1794.8/34

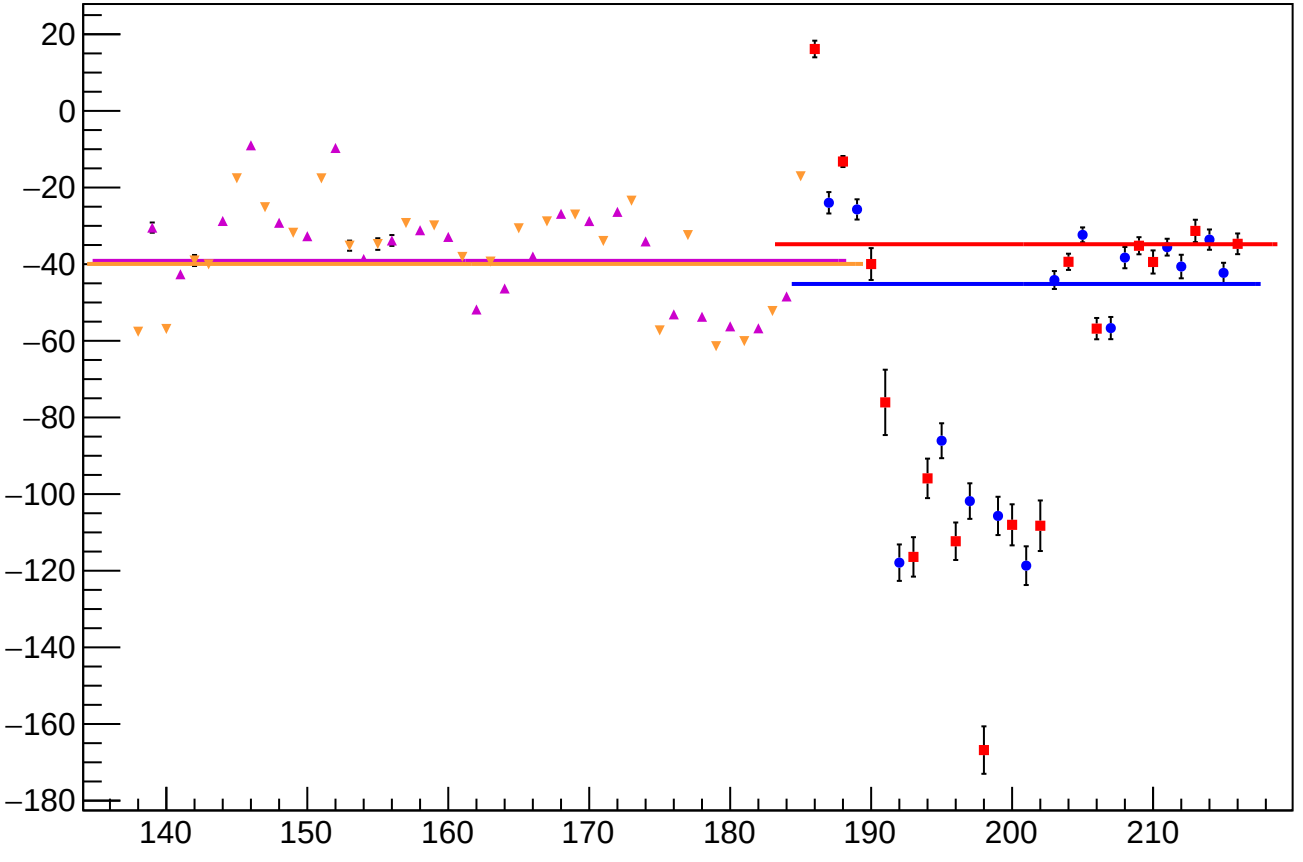
Left In: 1.523+/-0.017 χ^2/NDF:738.5/22

+ sign 1.523+/-0.016 χ^2/NDF: 2209.3/56

All: 1.490+/-0.011 χ^2/NDF: 4969.8/114

- sign 1.455+/-0.016 χ^2/NDF: 2750.9/57

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -45.164+/-0.749 χ^2/NDF: 1040.9/14

Left Out: -39.935+/-0.153 χ^2/NDF:9806.5/24

Right Out: -34.794+/-0.728 χ^2/NDF: 2279.4/15

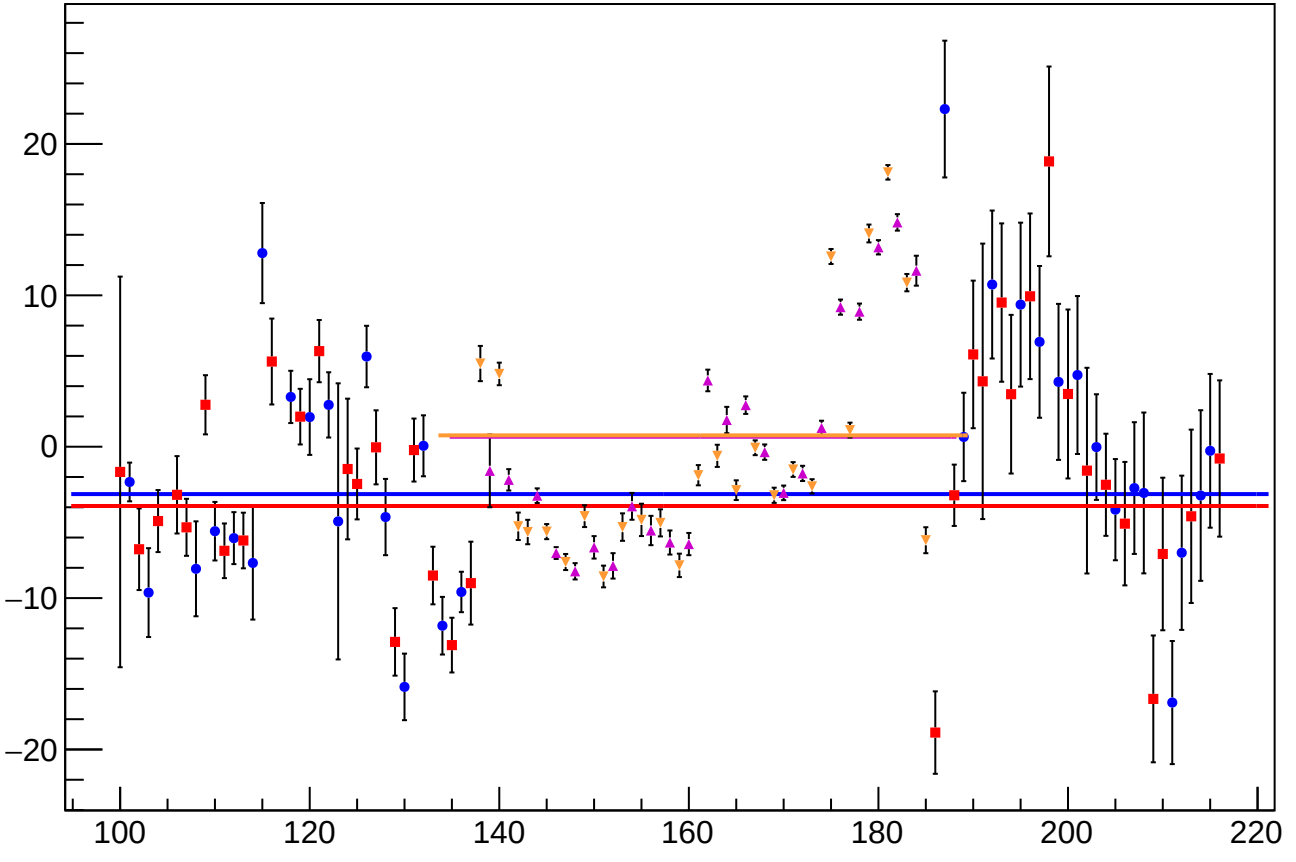
Left In: -39.137+/-0.155 χ^2/NDF:8534.5/22

+ sign -40.145+/-0.150 χ^2/NDF: 10894.3/39

All: -39.552+/-0.107 χ^2/NDF: 21773.6/78

- sign -38.950+/-0.151 χ^2/NDF: 10847.9/38

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.130+/-0.457 χ^2/NDF: 231.5/31

Left Out: 0.749+/-0.124 χ^2/NDF:3970.9/24

Right Out: -3.917+/-0.456 χ^2/NDF: 197.8/34

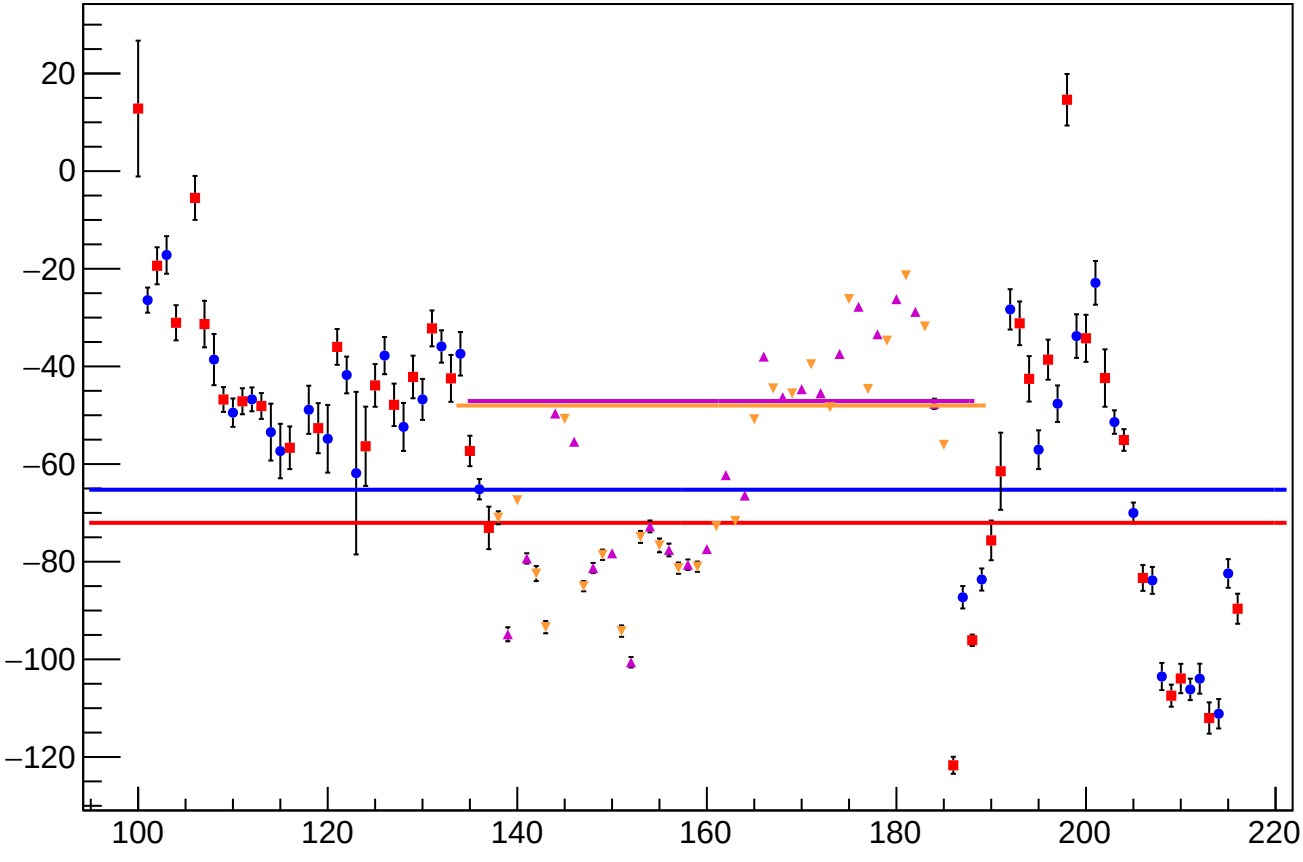
Left In: 0.660+/-0.124 χ^2/NDF:3337.8/22

+ sign 0.482+/-0.120 χ^2/NDF: 4269.6/56

All: 0.413+/-0.085 χ^2/NDF: 7899.7/114

- sign 0.343+/-0.120 χ^2/NDF: 3629.4/57

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -65.256+/-0.564 χ^2/NDF: 2197.4/31

Left Out: -48.008+/-0.155 χ^2/NDF:16950.0/24

Right Out: -72.035+/-0.530 χ^2/NDF: 3752.7/34

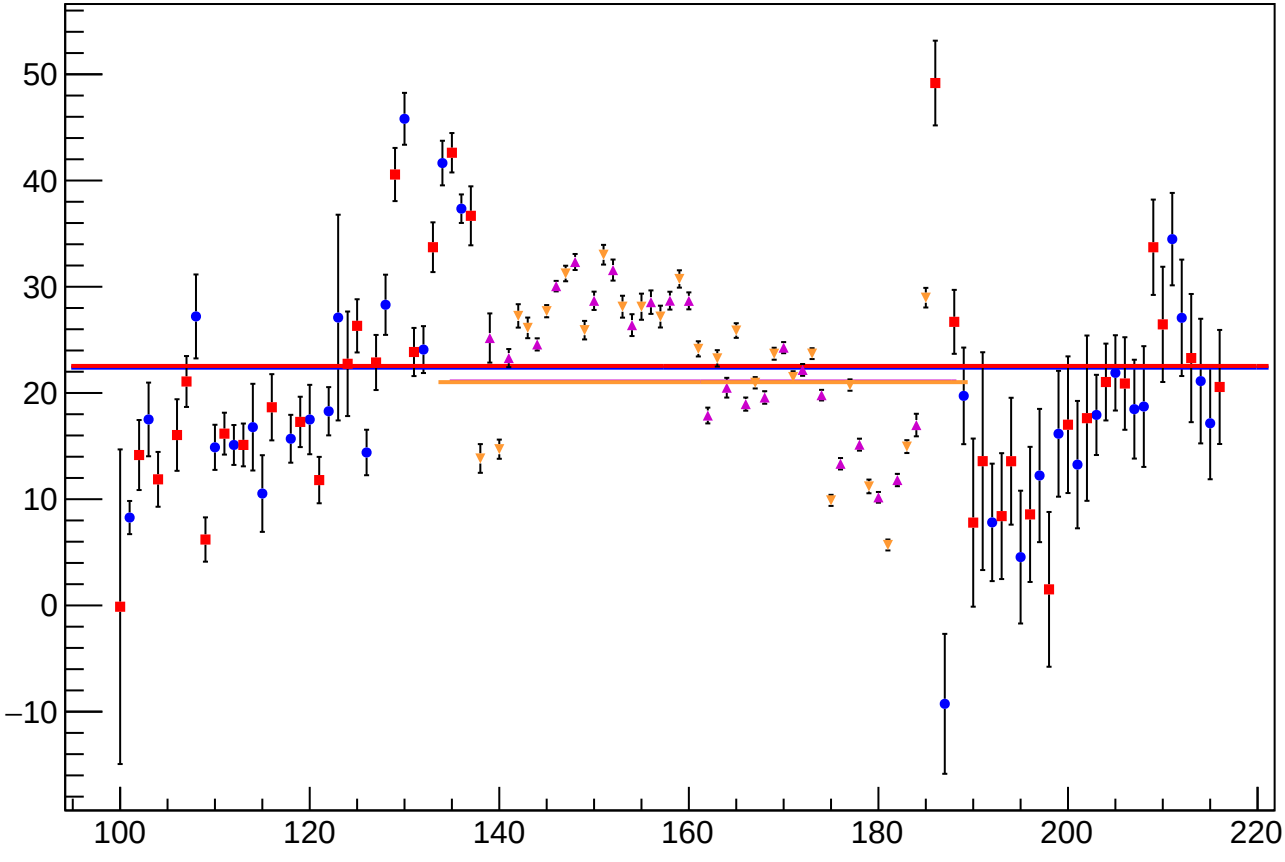
Left In: -47.085+/-0.155 χ^2/NDF:15515.2/22

+ sign -49.216+/-0.149 χ^2/NDF: 20018.4/56

All: -49.137+/-0.105 χ^2/NDF: 41328.1/114

- sign -49.059+/-0.149 χ^2/NDF: 21309.2/57

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.384+/-0.514 χ^2/NDF: 515.6/31

Left Out: 21.020+/-0.139 χ^2/NDF:2799.3/24

Right Out: 22.546+/-0.523 χ^2/NDF: 446.6/34

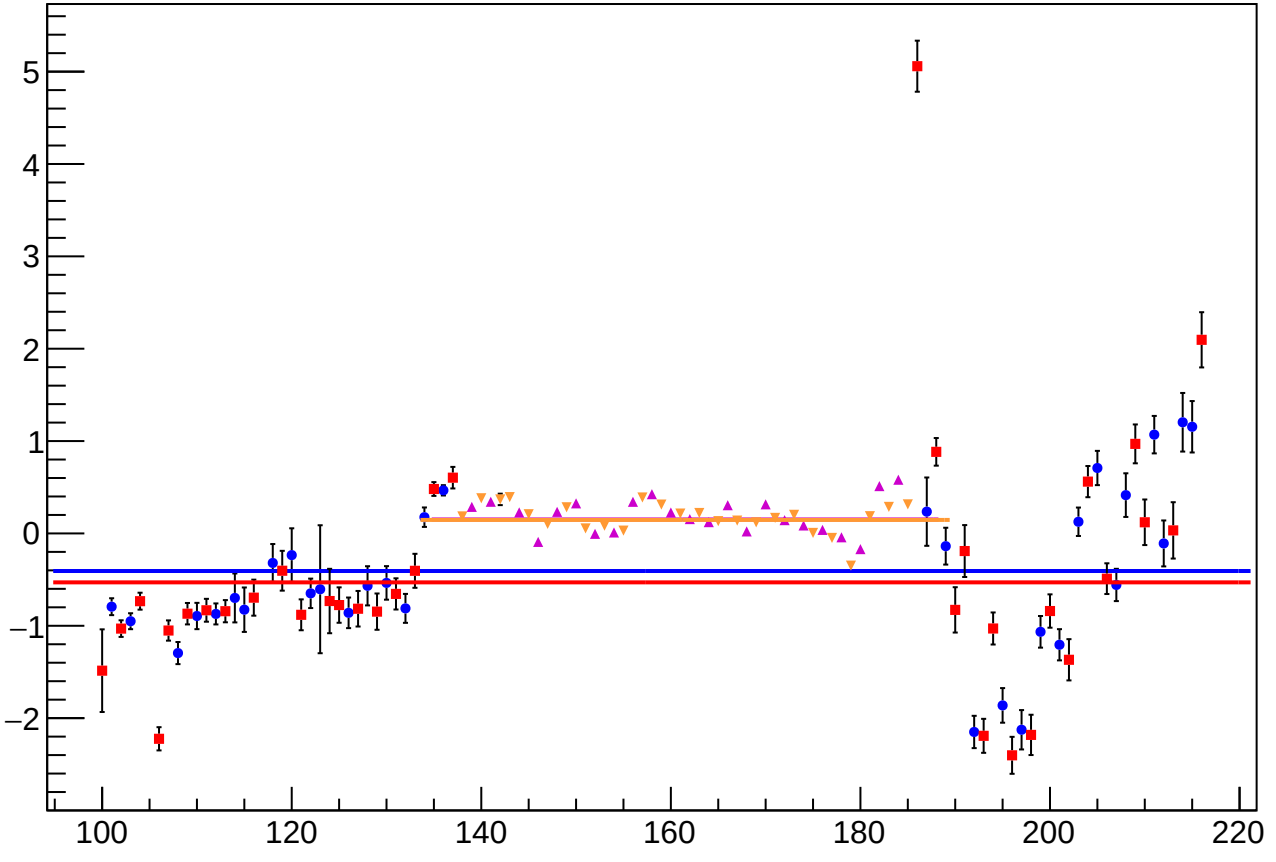
Left In: 21.079+/-0.140 χ^2/NDF:2173.2/22

+ sign 21.113+/-0.134 χ^2/NDF: 3321.4/56

All: 21.144+/-0.095 χ^2/NDF: 5948.7/114

- sign 21.176+/-0.135 χ^2/NDF: 2627.2/57

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.407+/-0.026 χ^2/NDF: 877.9/31

Left Out: 0.146+/-0.006 χ^2/NDF:610.2/24

Right Out: -0.530+/-0.026 χ^2/NDF: 1490.3/34

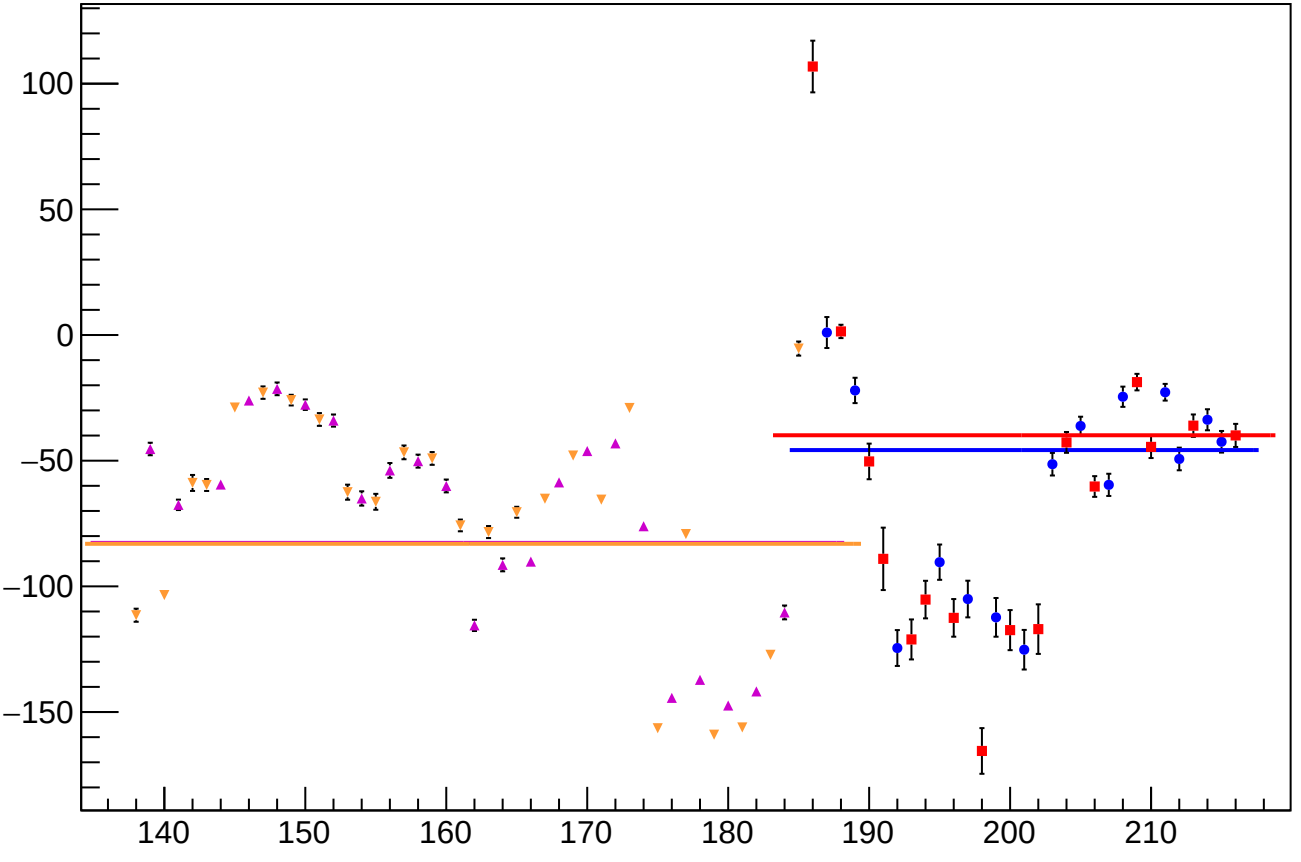
Left In: 0.151+/-0.006 χ^2/NDF:869.5/22

+ sign 0.115+/-0.006 χ^2/NDF: 1912.8/56

All: 0.114+/-0.004 χ^2/NDF: 4916.6/114

- sign 0.112+/-0.006 χ^2/NDF: 3003.7/57

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -45.777+/-1.246 χ^2/NDF: 587.7/14

Left Out: -83.068+/-0.406 χ^2/NDF:13817.3/24

Right Out: -39.885+/-1.264 χ^2/NDF: 1153.7/15

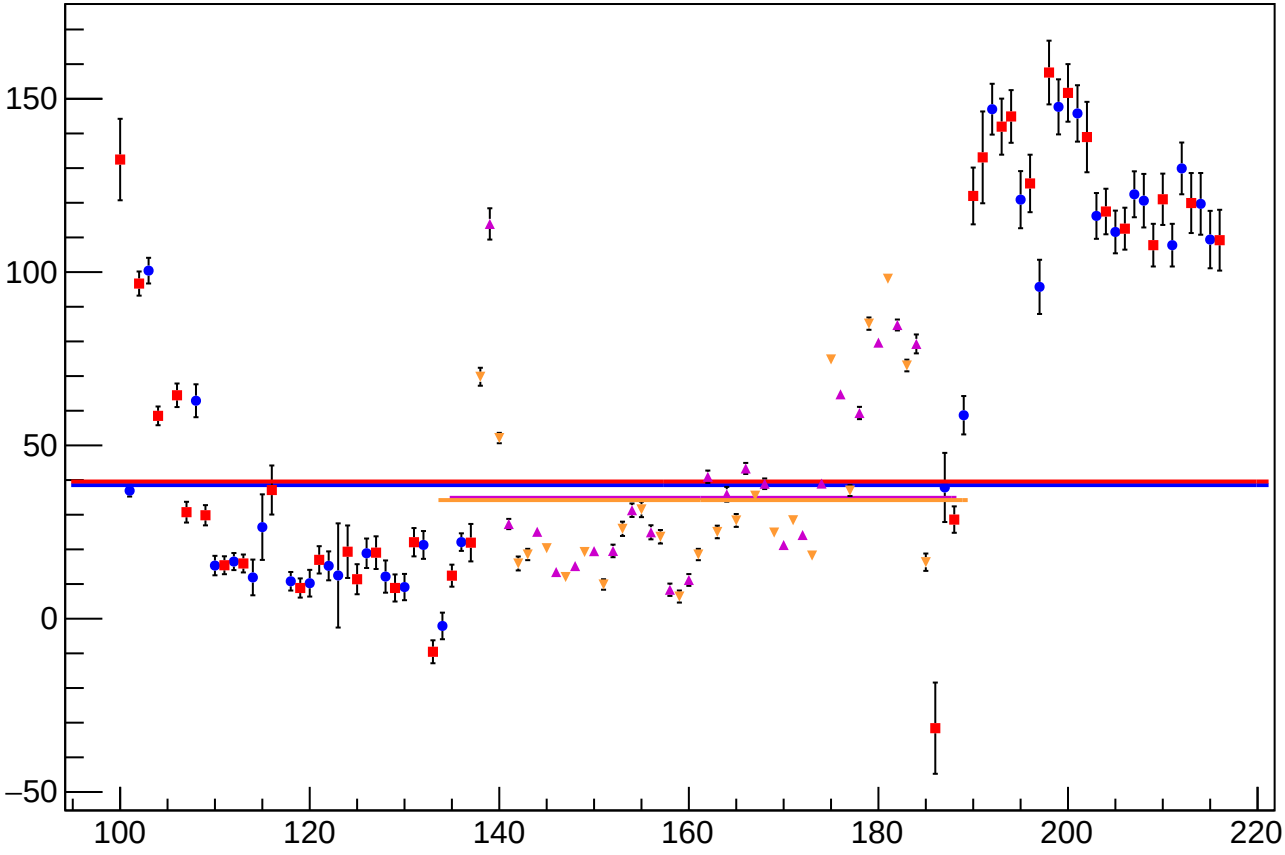
Left In: -82.711+/-0.415 χ^2/NDF:10841.4/22

\+ sign -79.481+/-0.386 χ^2/NDF: 15215.0/39

All: -79.021+/-0.276 χ^2/NDF: 28249.3/78

\- sign -78.541+/-0.394 χ^2/NDF: 13031.3/38

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 38.544+/-0.742 χ^2/NDF: 2697.0/31

Left Out: 34.219+/-0.320 χ^2/NDF:6192.6/24

Right Out: 39.582+/-0.741 χ^2/NDF: 3003.0/34

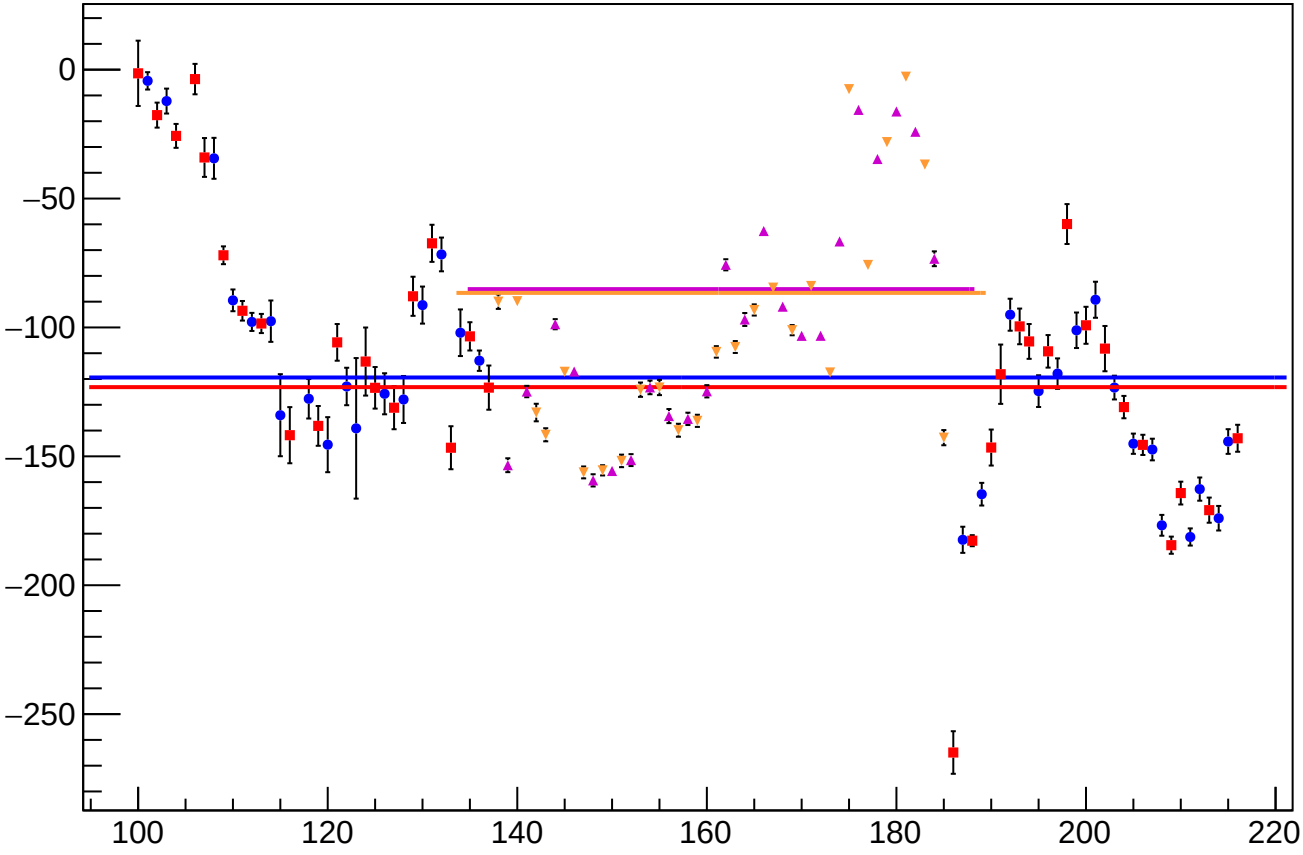
Left In: 34.870+/-0.329 χ^2/NDF:4716.1/22

+ sign 34.898+/-0.294 χ^2/NDF: 8918.3/56

All: 35.264+/-0.210 χ^2/NDF: 16674.4/114

- sign 35.646+/-0.301 χ^2/NDF: 7752.9/57

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -119.411+/-0.926 χ^2/NDF: 3141.8/31

Left Out: -86.595+/-0.408 χ^2/NDF:14515.7/24

Right Out: -123.154+/-0.890 χ^2/NDF: 3752.7/34

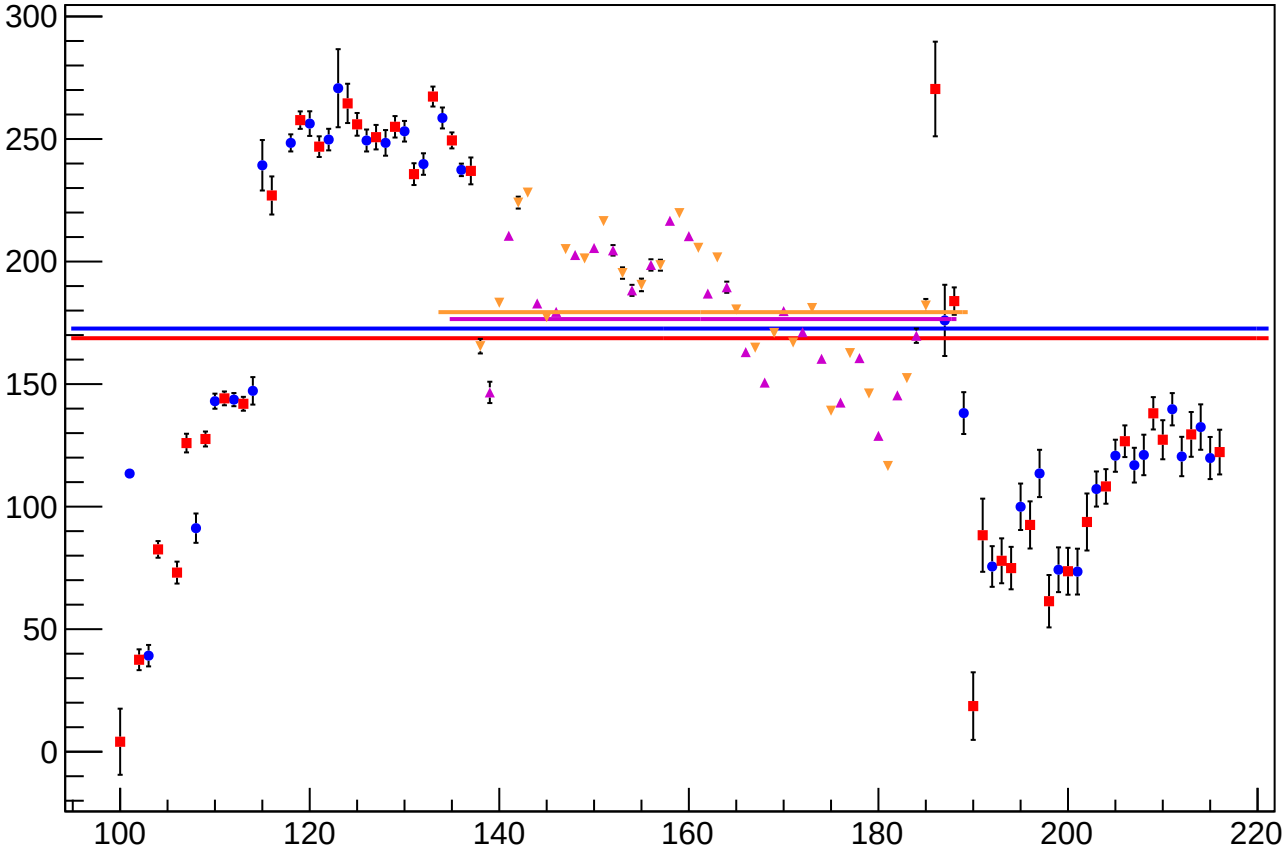
Left In: -85.134+/-0.415 χ^2/NDF:12841.3/22

+ sign -91.943+/-0.374 χ^2/NDF: 18709.6/56

All: -91.931+/-0.265 χ^2/NDF: 36801.2/114

- sign -91.919+/-0.376 χ^2/NDF: 18091.6/57

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 172.667+/-0.845 χ^2/NDF: 6304.9/31

Left Out: 179.359+/-0.362 χ^2/NDF:5982.2/24

Right Out: 168.723+/-0.850 χ^2/NDF: 7345.0/34

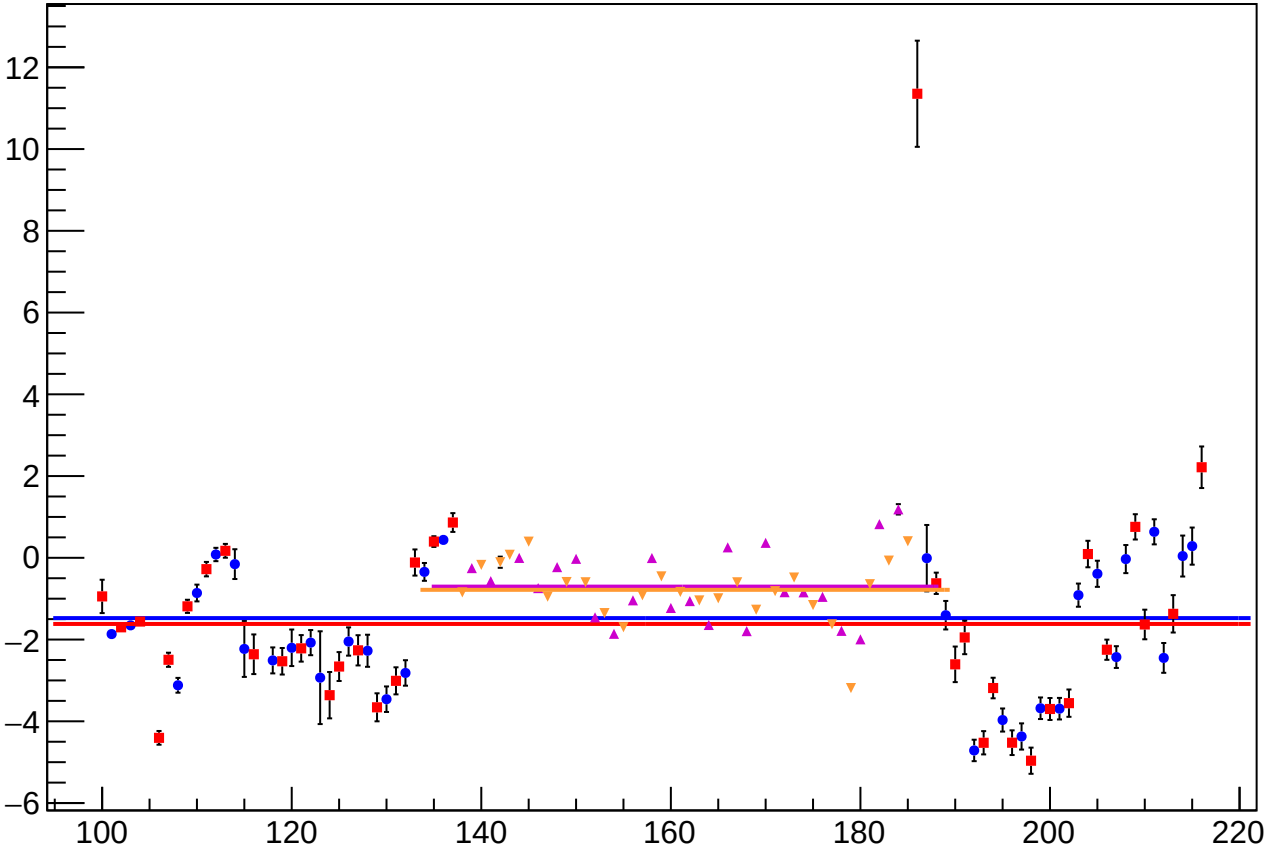
Left In: 176.531+/-0.371 χ^2/NDF:4426.0/22

+ sign 178.322+/-0.333 χ^2/NDF: 12340.1/56

All: 176.836+/-0.238 χ^2/NDF: 24222.7/114

- sign 175.283+/-0.340 χ^2/NDF: 11841.8/57

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.475+/-0.042 χ^2/NDF: 1234.5/31

Left Out: -0.783+/-0.017 χ^2/NDF:1771.6/24

Right Out: -1.618+/-0.040 χ^2/NDF: 1653.7/34

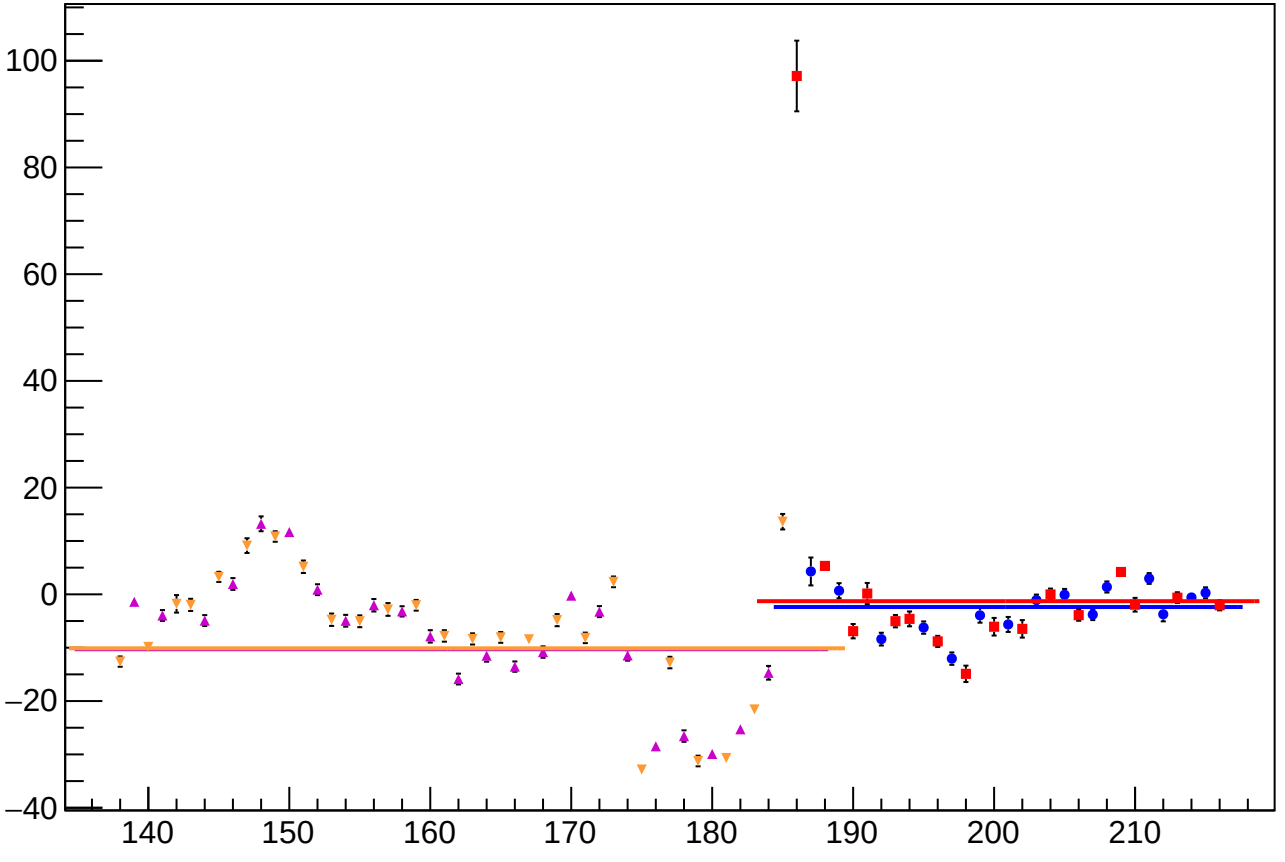
Left In: -0.705+/-0.017 χ^2/NDF:2407.7/22

+ sign -0.878+/-0.015 χ^2/NDF: 3244.3/56

All: -0.861+/-0.011 χ^2/NDF: 7751.4/114

- sign -0.844+/-0.016 χ^2/NDF: 4504.5/57

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -2.381+/-0.300 χ^2/NDF: 183.6/14

Left Out: -10.117+/-0.201 χ^2/NDF:4138.1/24

Right Out: -1.285+/-0.285 χ^2/NDF: 559.2/15

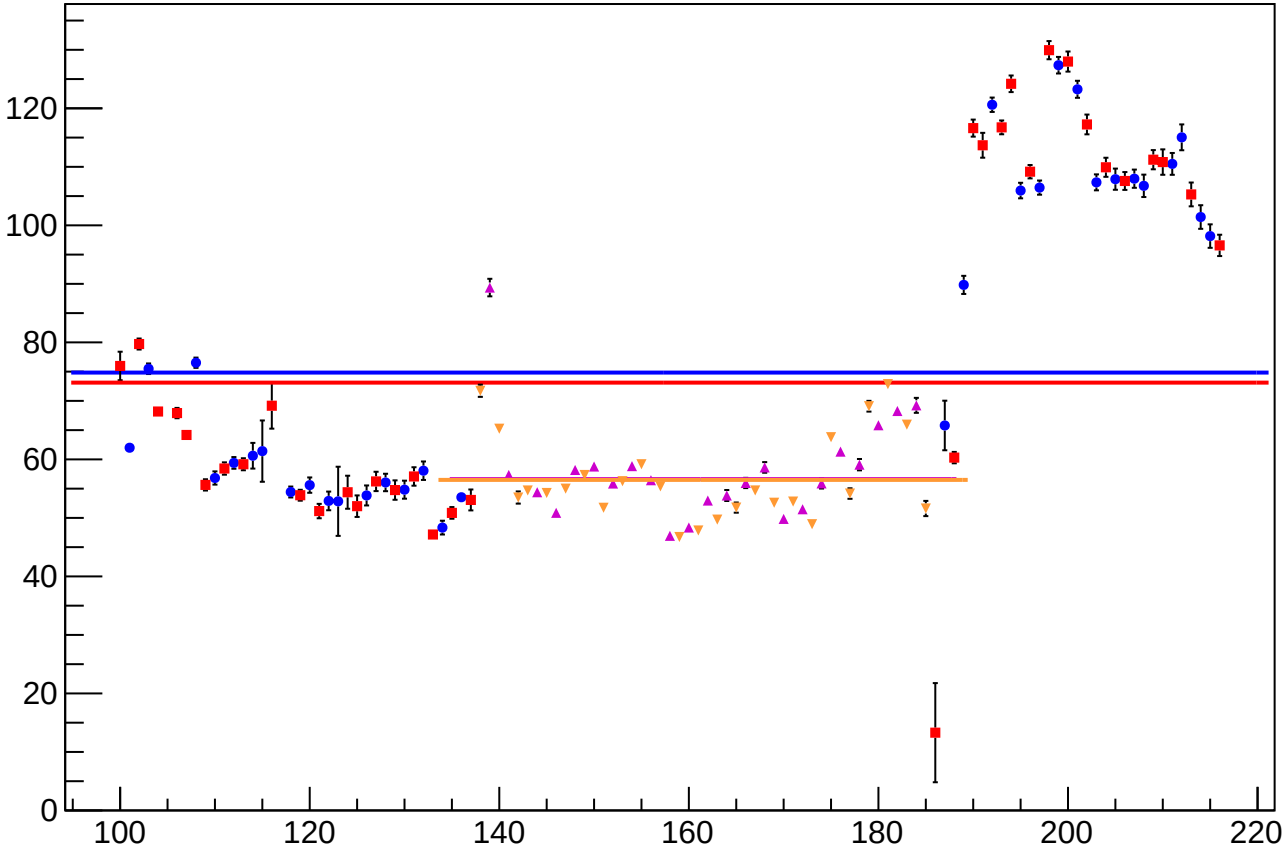
Left In: -10.290+/-0.205 χ^2/NDF:3451.0/22

\+ sign -7.718+/-0.167 χ^2/NDF: 4779.3/39

All: -7.462+/-0.118 χ^2/NDF: 9451.9/78

\- sign -7.208+/-0.167 χ^2/NDF: 4667.9/38

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 74.838+/-0.222 χ^2/NDF: 11672.8/31

Left Out: 56.496+/-0.159 χ^2/NDF:1968.0/24

Right Out: 73.120+/-0.208 χ^2/NDF: 14822.1/34

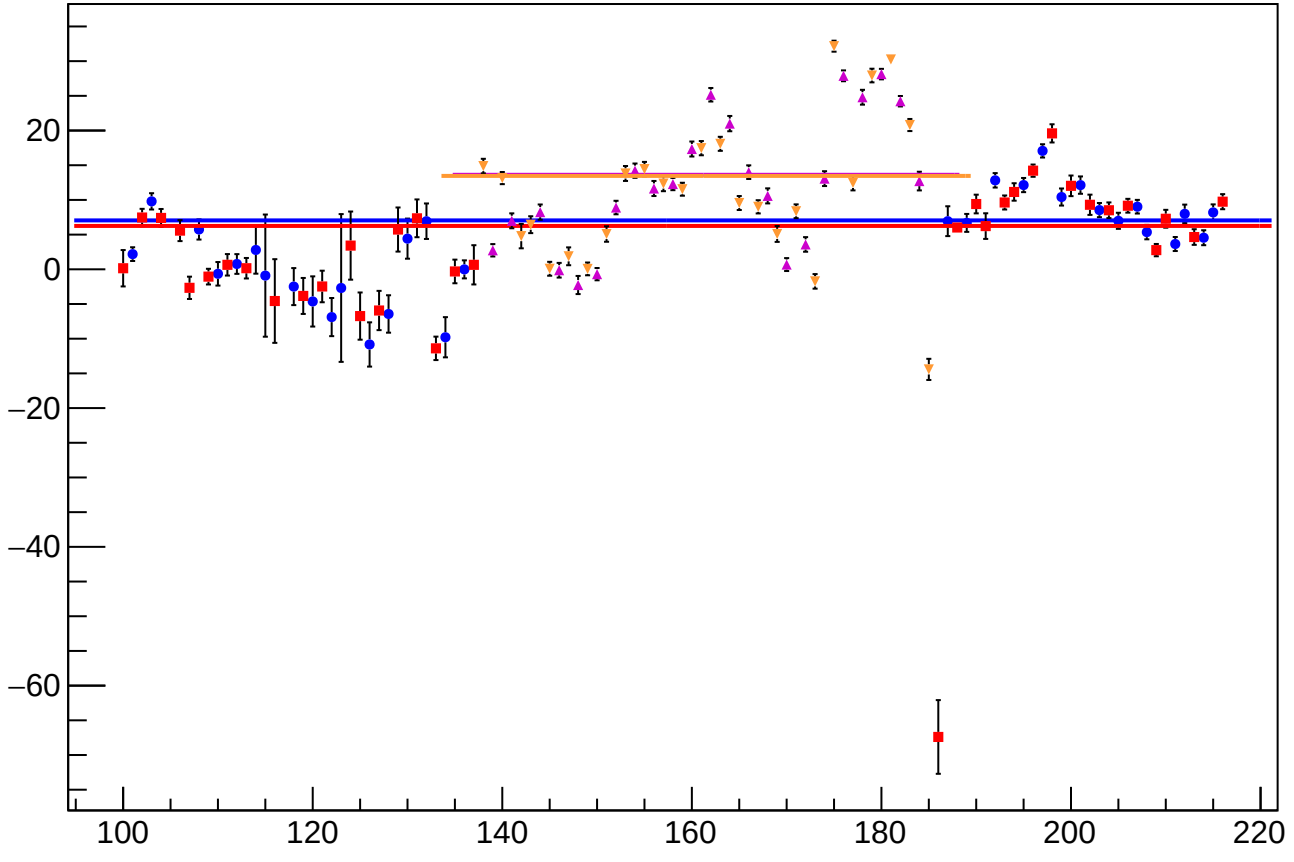
Left In: 56.635+/-0.165 χ^2/NDF:1607.9/22

+ sign 62.708+/-0.129 χ^2/NDF: 18155.1/56

All: 62.852+/-0.091 χ^2/NDF: 38432.8/114

- sign 62.996+/-0.129 χ^2/NDF: 20275.2/57

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 7.049+/-0.245 χ^2/NDF: 459.5/31

Left Out: 13.462+/-0.202 χ^2/NDF:2736.3/24

Right Out: 6.252+/-0.225 χ^2/NDF: 774.5/34

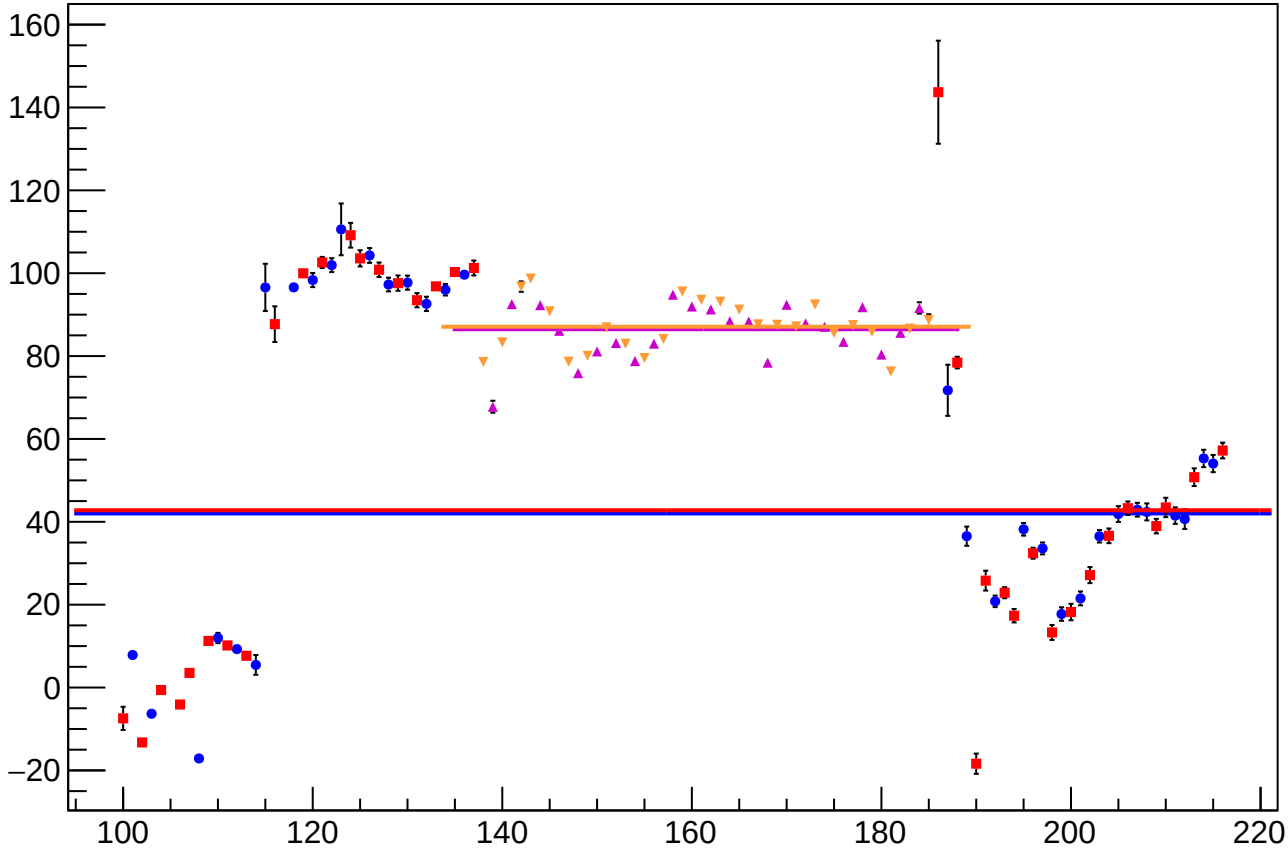
Left In: 13.620+/-0.204 χ^2/NDF:2315.4/22

+ sign 10.877+/-0.156 χ^2/NDF: 3604.2/56

All: 10.570+/-0.108 χ^2/NDF: 7290.3/114

- sign 10.281+/-0.151 χ^2/NDF: 3678.5/57

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 42.018+/-0.255 χ^2/NDF: 25547.0/31

Left Out: 87.087+/-0.179 χ^2/NDF:1085.8/24

Right Out: 42.789+/-0.244 χ^2/NDF: 30835.0/34

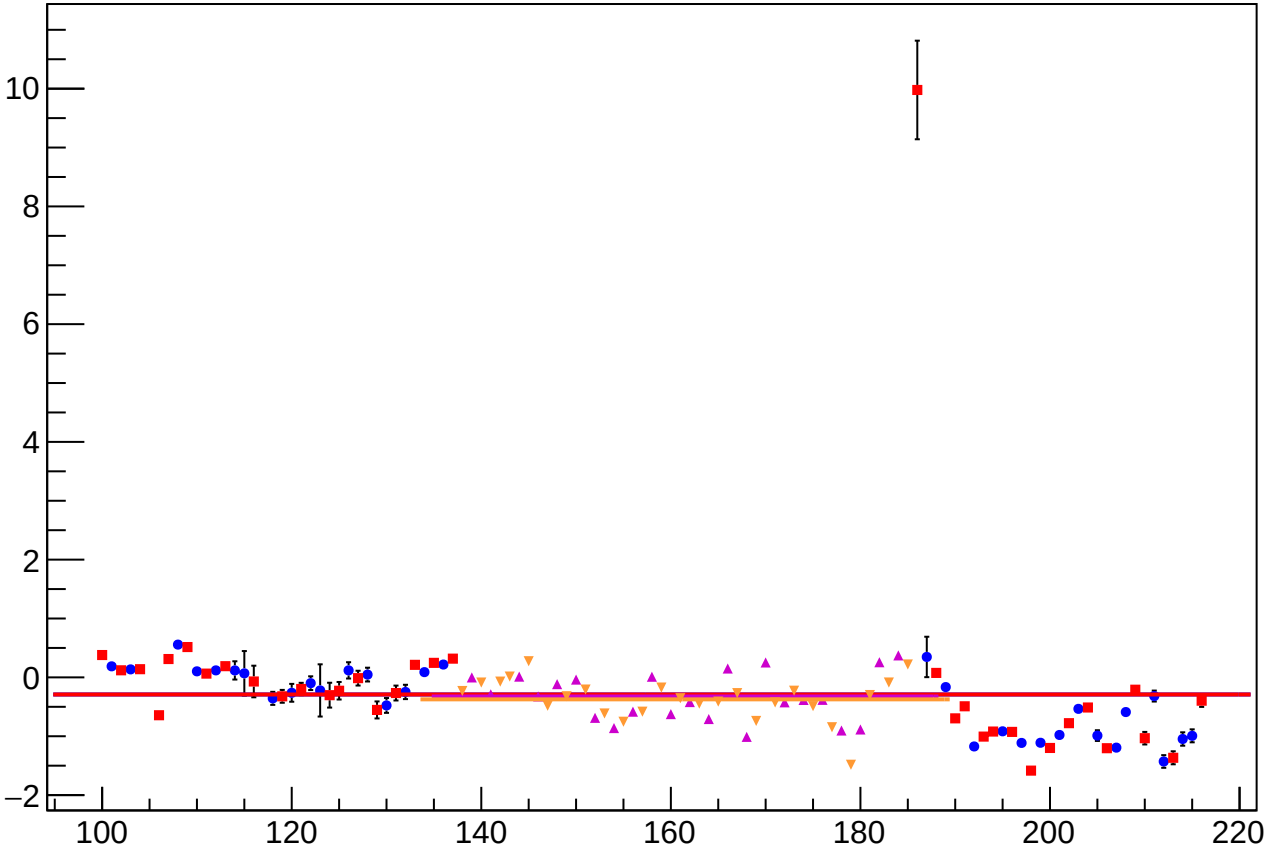
Left In: 86.482+/-0.185 χ^2/NDF:1003.2/22

+ sign 72.236+/-0.147 χ^2/NDF: 47503.3/56

All: 71.403+/-0.104 χ^2/NDF: 99814.0/114

- sign 70.563+/-0.147 χ^2/NDF: 52245.9/57

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.291+/-0.011 χ^2/NDF: 3395.8/31

Left Out: -0.373+/-0.008 χ^2/NDF:1668.6/24

Right Out: -0.291+/-0.010 χ^2/NDF: 3704.8/34

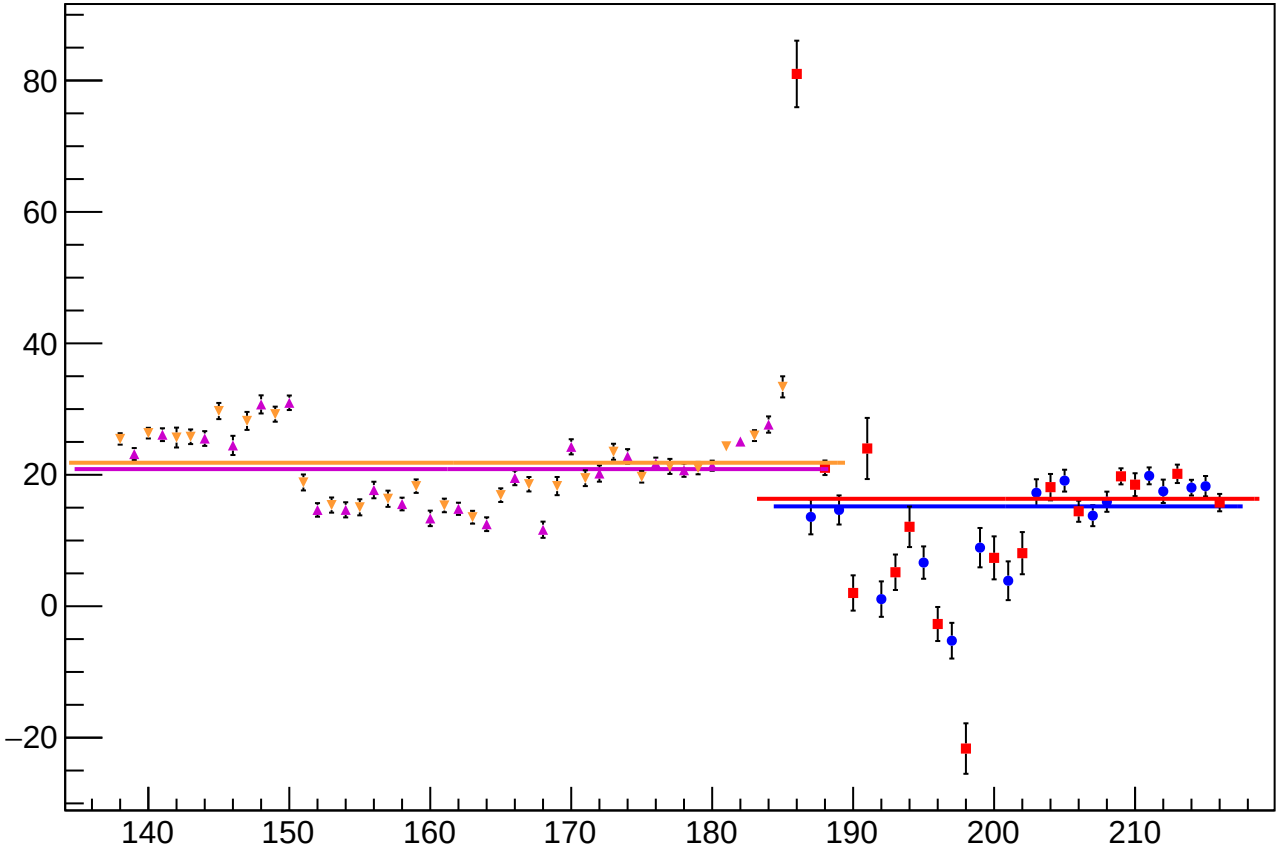
Left In: -0.325+/-0.008 χ^2/NDF:2284.1/22

+ sign -0.343+/-0.006 χ^2/NDF: 5102.7/56

All: -0.327+/-0.005 χ^2/NDF: 11111.0/114

- sign -0.311+/-0.006 χ^2/NDF: 5996.1/57

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 15.194+/-0.473 χ^2/NDF: 147.4/14

Left Out: 21.836+/-0.210 χ^2/NDF:524.3/24

Right Out: 16.349+/-0.476 χ^2/NDF: 416.8/15

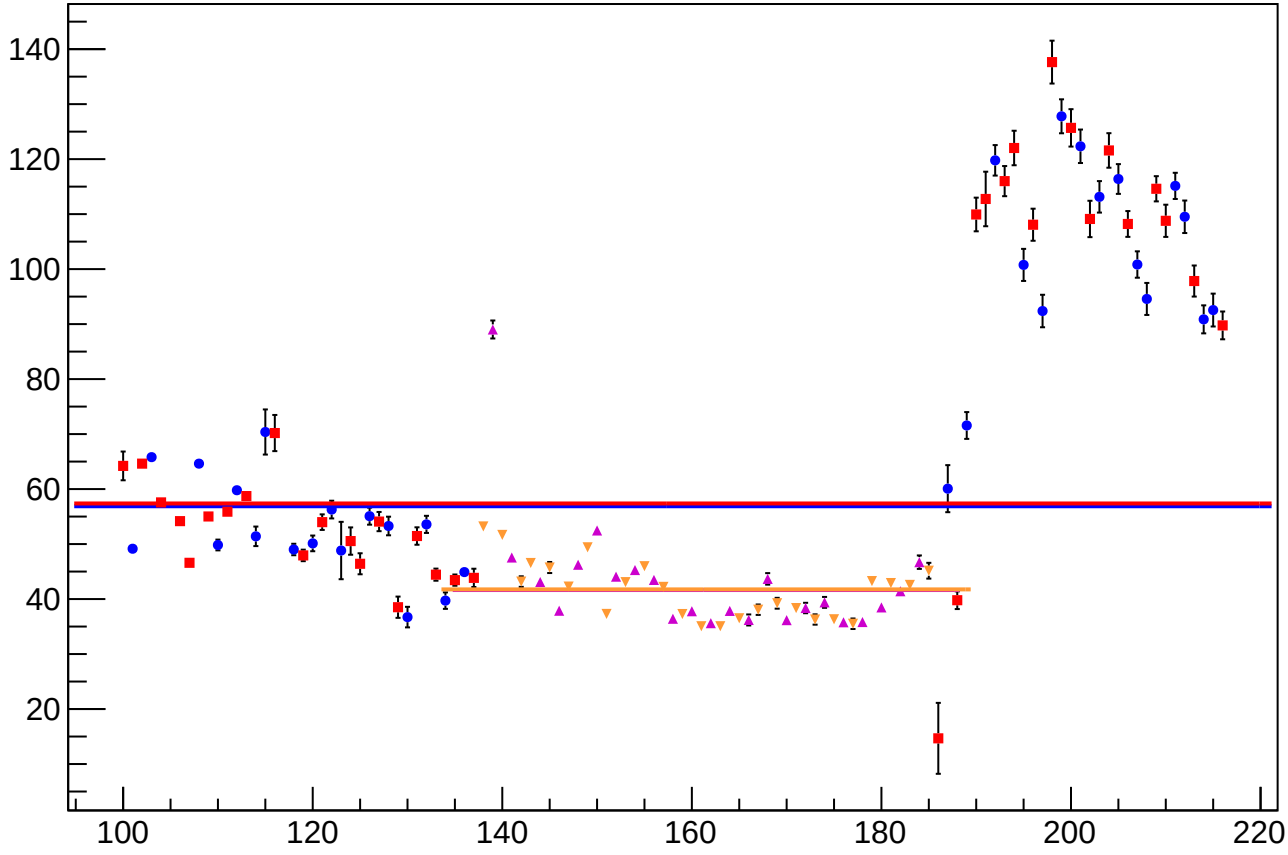
Left In: 20.866+/-0.217 χ^2/NDF:576.9/22

+ sign 20.746+/-0.192 χ^2/NDF: 836.3/39

All: 20.428+/-0.137 χ^2/NDF: 1910.2/78

- sign 20.091+/-0.197 χ^2/NDF: 1068.2/38

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 56.877+/-0.203 χ^2/NDF: 6058.9/31

Left Out: 41.757+/-0.165 χ^2/NDF:1015.7/24

Right Out: 57.382+/-0.216 χ^2/NDF: 6224.9/34

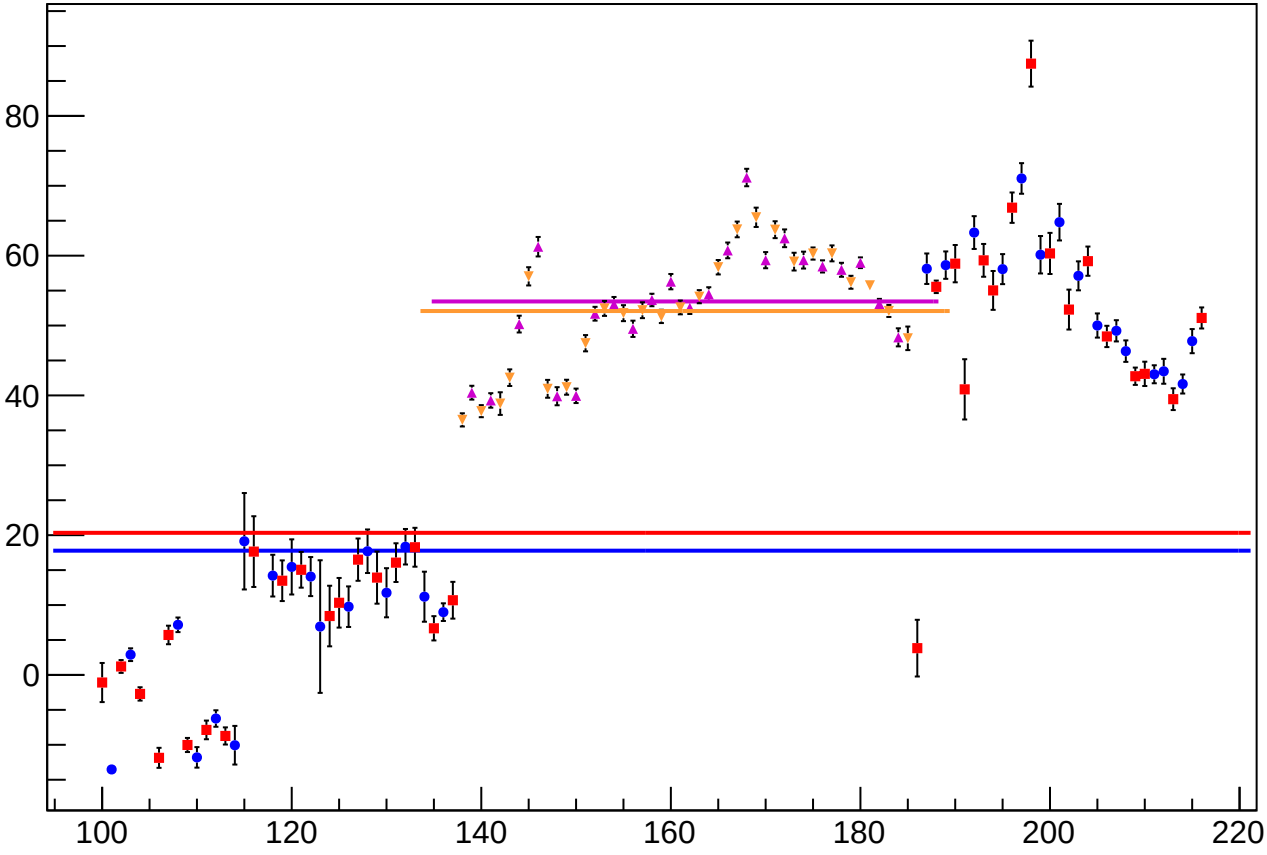
Left In: 41.643+/-0.174 χ^2/NDF:1611.0/22

+ sign 47.801+/-0.128 χ^2/NDF: 10417.0/56

All: 47.816+/-0.093 χ^2/NDF: 21478.7/114

- sign 47.833+/-0.135 χ^2/NDF: 11061.7/57

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 17.781+/-0.287 χ^2/NDF: 9246.2/31

Left Out: 52.076+/-0.210 χ^2/NDF:1450.9/24

Right Out: 20.336+/-0.290 χ^2/NDF: 8890.4/34

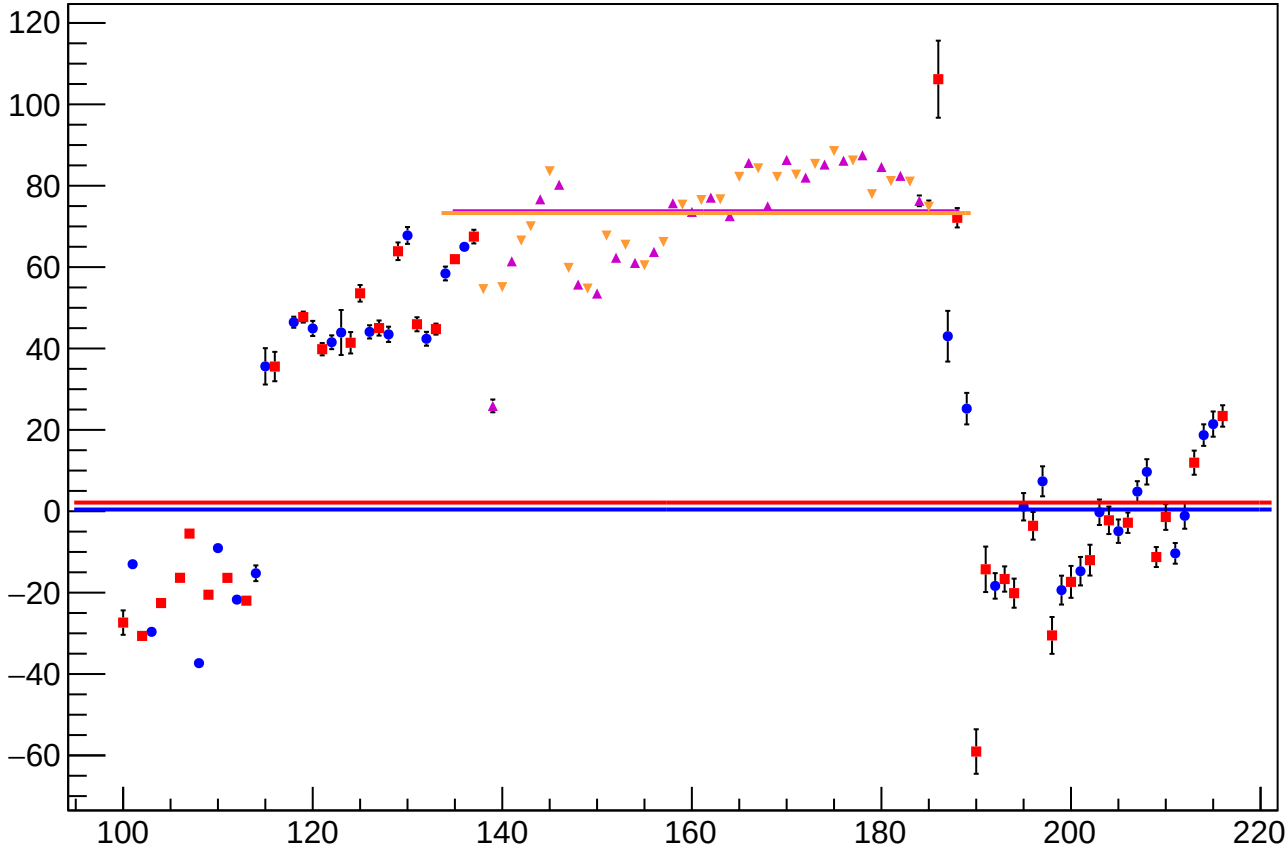
Left In: 53.447+/-0.215 χ^2/NDF:1169.0/22

+ sign 40.144+/-0.170 χ^2/NDF: 19975.8/56

All: 40.899+/-0.121 χ^2/NDF: 38474.4/114

- sign 41.683+/-0.173 χ^2/NDF: 18458.2/57

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.427+/-0.237 χ^2/NDF: 18524.2/31

Left Out: 73.284+/-0.187 χ^2/NDF:3144.2/24

Right Out: 2.134+/-0.254 χ^2/NDF: 16812.8/34

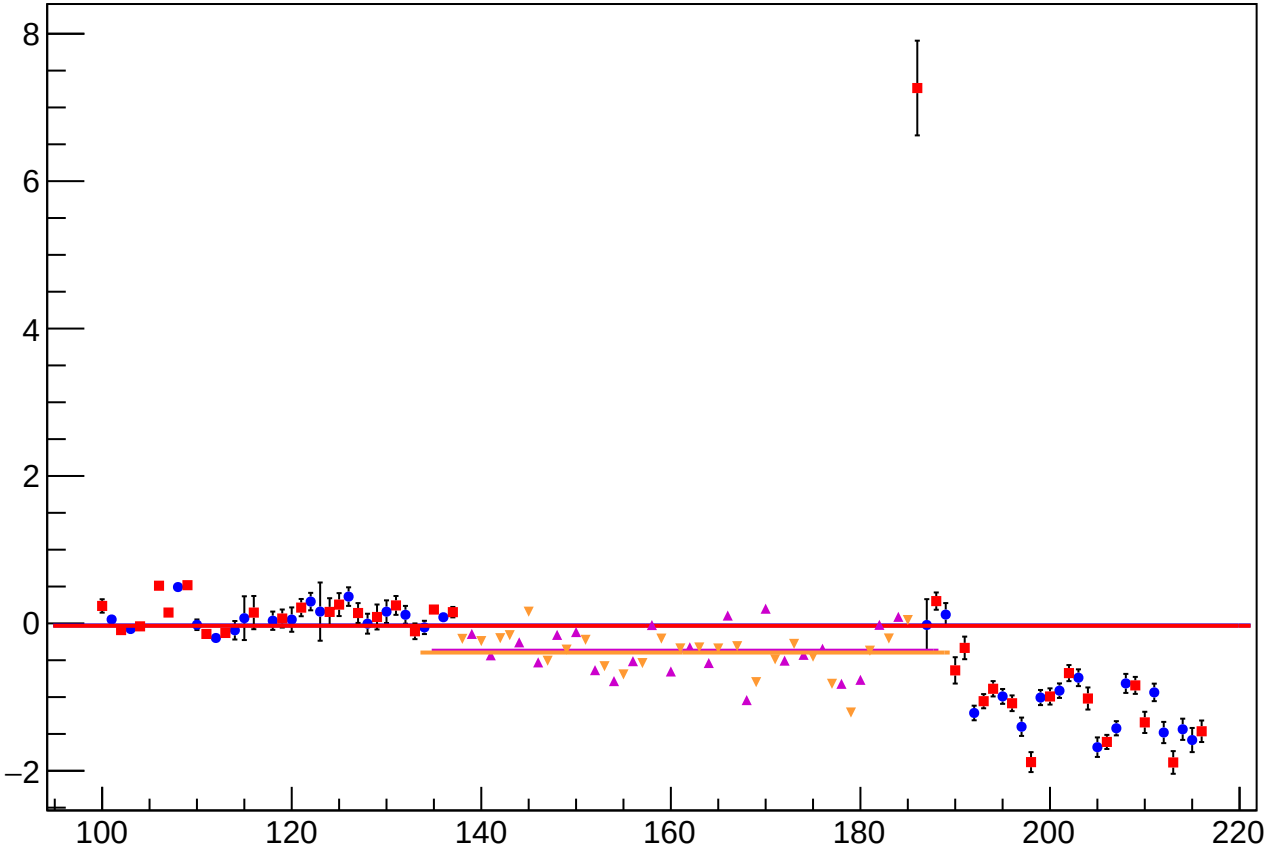
Left In: 73.730+/-0.194 χ^2/NDF:3775.8/22

+ sign 45.361+/-0.147 χ^2/NDF: 79940.4/56

All: 46.266+/-0.106 χ^2/NDF: 150779.3/114

- sign 47.266+/-0.154 χ^2/NDF: 70758.8/57

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: -0.028+/-0.010 χ^2/NDF: 1860.7/31

Left Out: -0.396+/-0.009 χ^2/NDF:950.0/24

Right Out: -0.033+/-0.010 χ^2/NDF: 1925.9/34

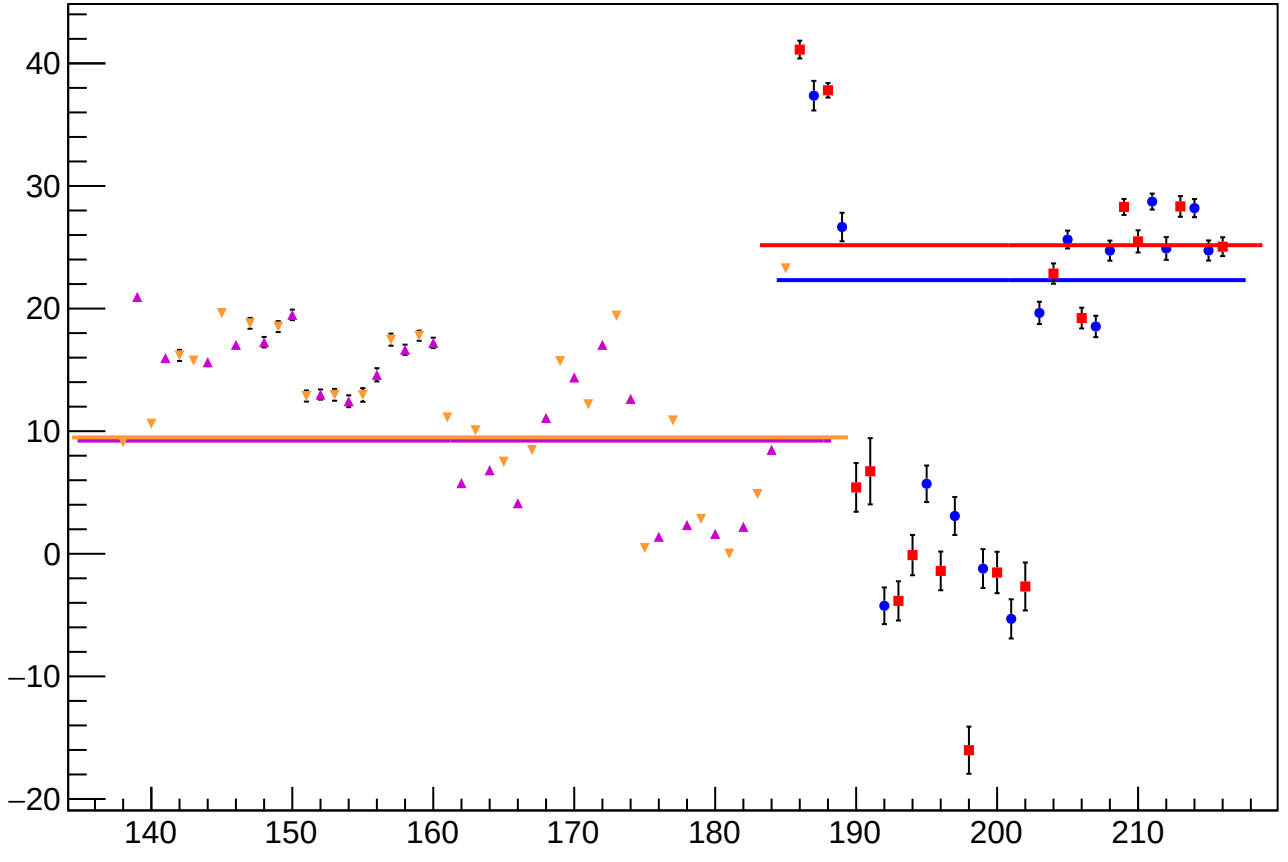
Left In: -0.371+/-0.009 χ^2/NDF:1313.7/22

+ sign -0.248+/-0.007 χ^2/NDF: 3555.4/56

All: -0.240+/-0.005 χ^2/NDF: 7420.1/114

- sign -0.231+/-0.007 χ^2/NDF: 3861.6/57

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 22.320+/-0.248 χ^2/NDF: 1512.8/14

Left Out: 9.495+/-0.061 χ^2/NDF:12609.1/24

Right Out: 25.170+/-0.245 χ^2/NDF: 2937.6/15

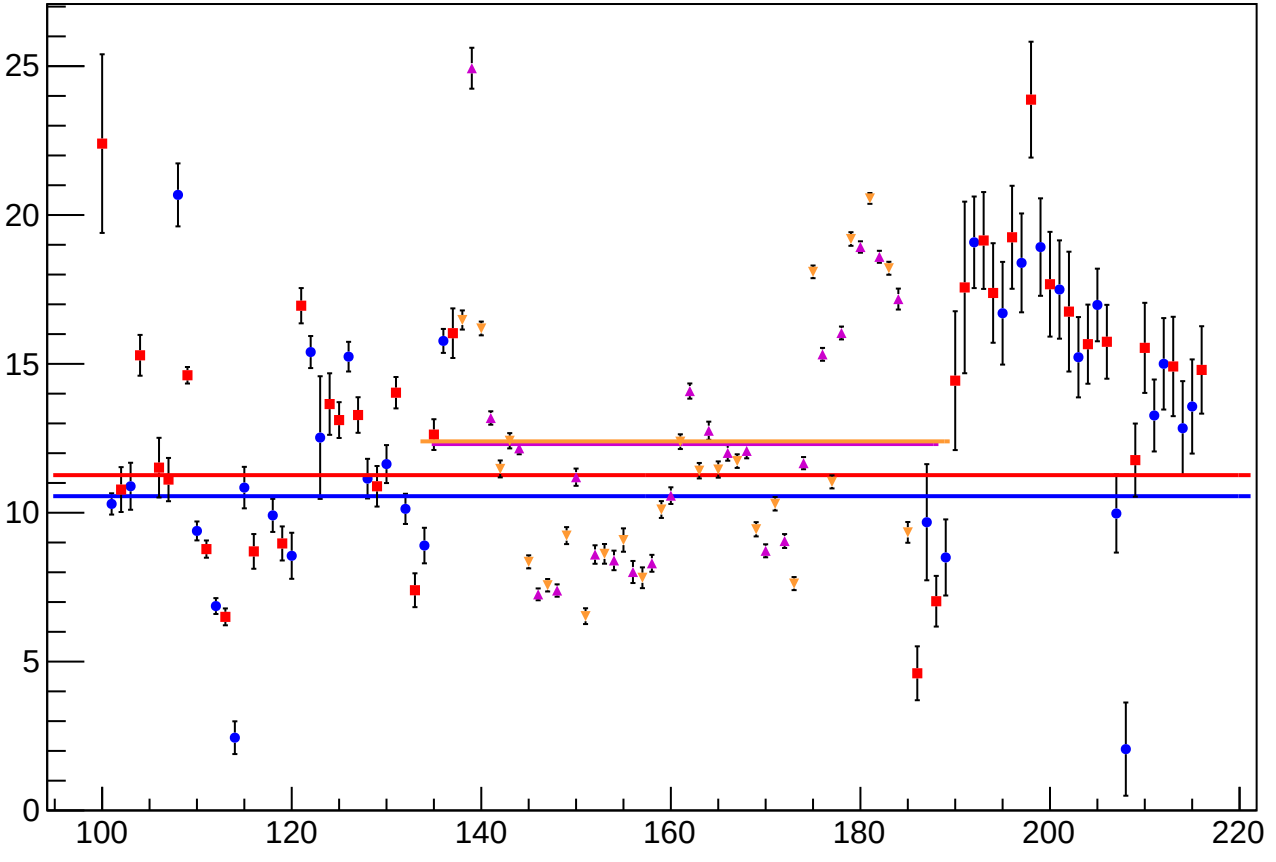
Left In: 9.231+/-0.063 χ^2/NDF:10736.2/22

+ sign 10.231+/-0.059 χ^2/NDF: 16638.5/39

All: 10.226+/-0.043 χ^2/NDF: 34287.0/78

- sign 10.222+/-0.061 χ^2/NDF: 17648.5/38

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.556+/-0.114 χ^2/NDF: 1073.6/31

Left Out: 12.397+/-0.050 χ^2/NDF:7542.8/24

Right Out: 11.263+/-0.111 χ^2/NDF: 1067.9/34

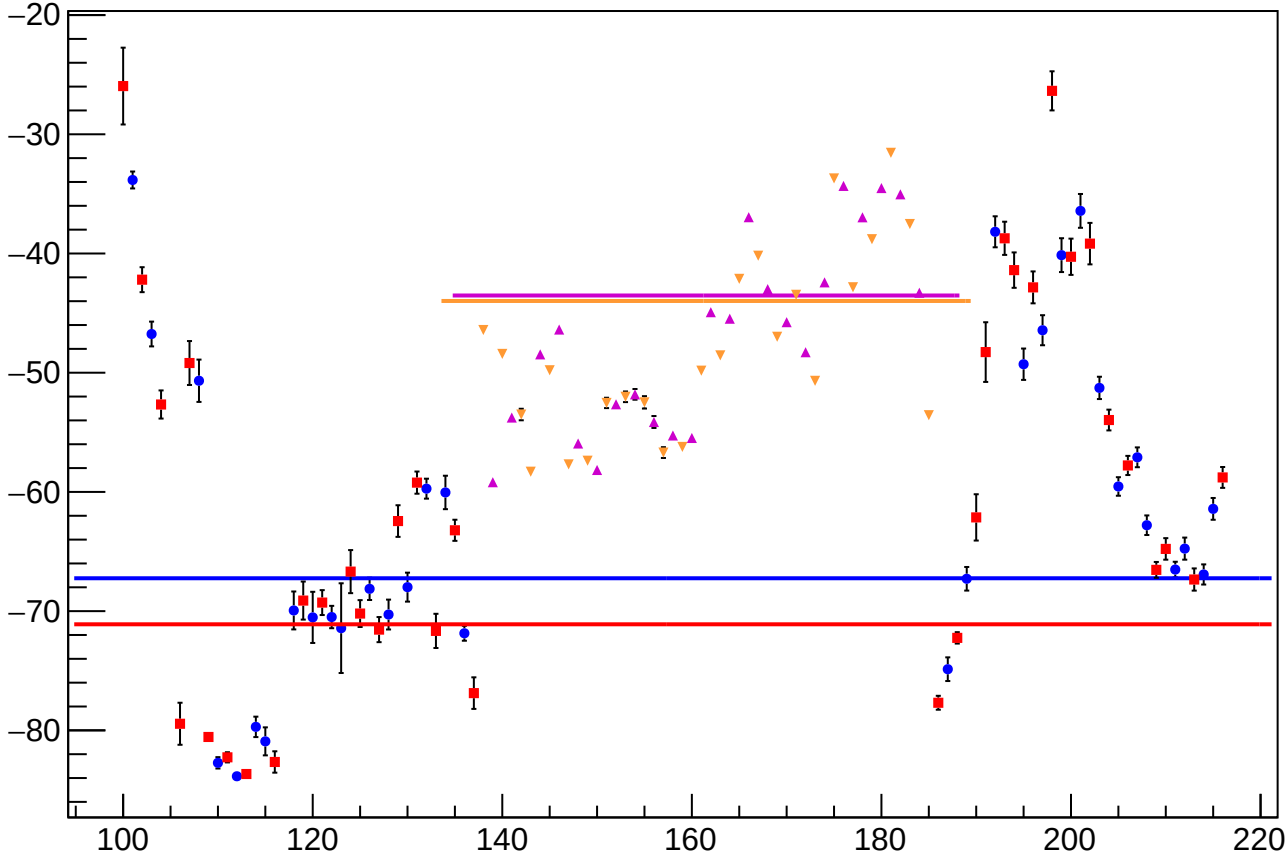
Left In: 12.307+/-0.051 χ^2/NDF:5601.8/22

+ sign 12.104+/-0.046 χ^2/NDF: 8835.0/56

All: 12.113+/-0.033 χ^2/NDF: 15578.1/114

- sign 12.123+/-0.046 χ^2/NDF: 6743.0/57

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -67.242+/-0.154 χ^2/NDF: 8657.6/31

Left Out: -43.982+/-0.062 χ^2/NDF:17736.8/24

Right Out: -71.104+/-0.142 χ^2/NDF: 8287.0/34

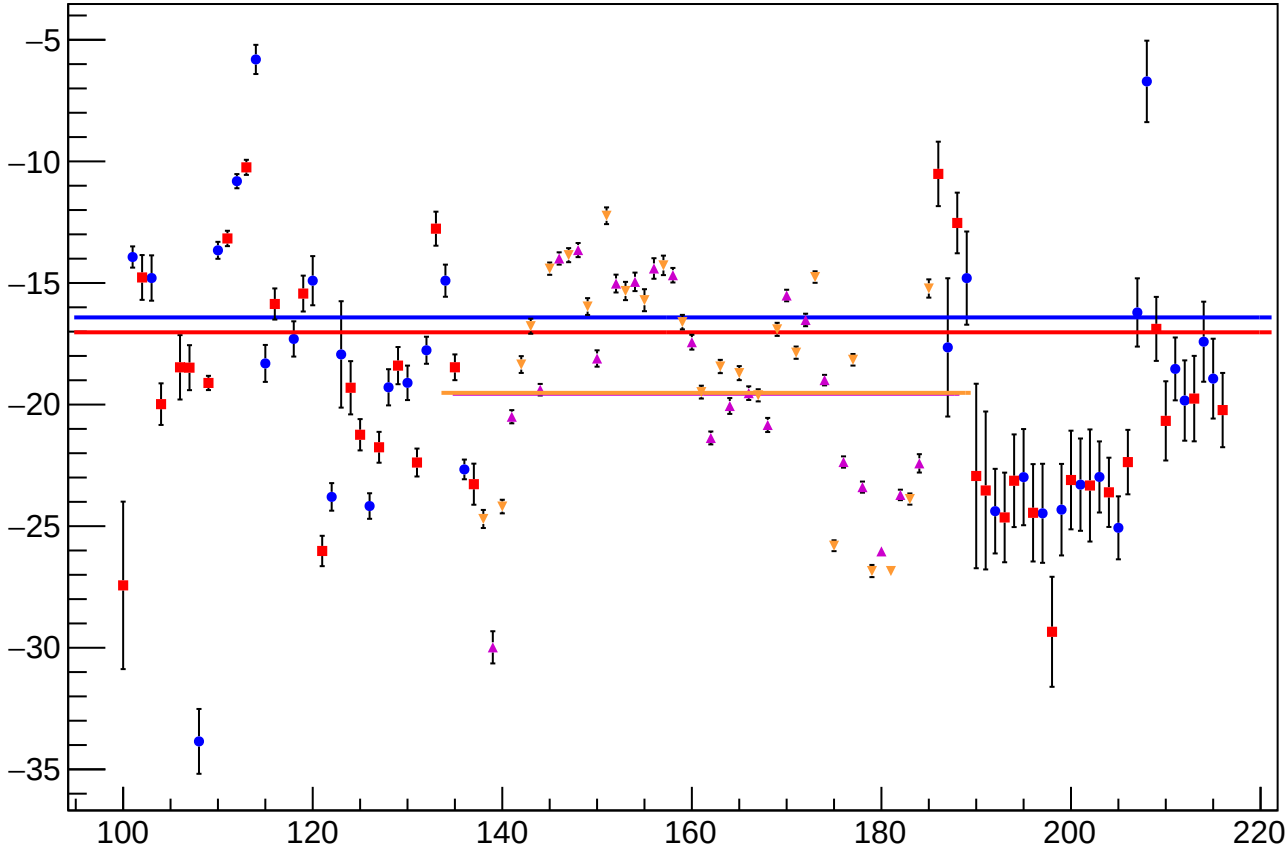
Left In: -43.523+/-0.063 χ^2/NDF:15267.1/22

+ sign -47.213+/-0.057 χ^2/NDF: 45986.1/56

All: -47.656+/-0.041 χ^2/NDF: 101180.3/114

- sign -48.106+/-0.058 χ^2/NDF: 55074.2/57

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.415+/-0.127 χ^2/NDF: 1814.2/31

Left Out: -19.517+/-0.056 χ^2/NDF:6518.3/24

Right Out: -17.028+/-0.123 χ^2/NDF: 1395.1/34

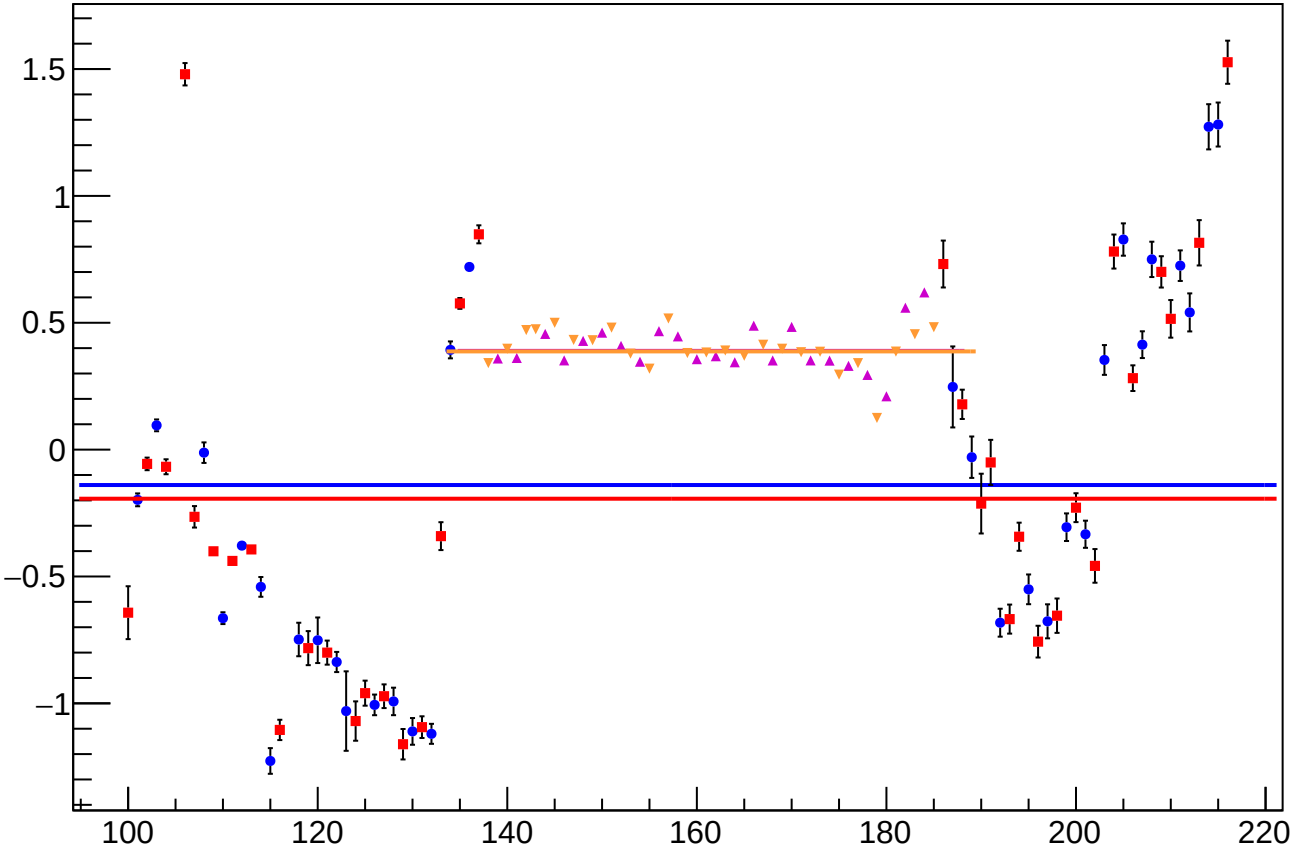
Left In: -19.555+/-0.057 χ^2/NDF:4311.2/22

+ sign -19.015+/-0.051 χ^2/NDF: 8833.3/56

All: -19.058+/-0.036 χ^2/NDF: 14888.6/114

- sign -19.103+/-0.052 χ^2/NDF: 6053.8/57

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.140+/-0.007 χ^2/NDF: 7994.0/31

Left Out: 0.387+/-0.003 χ^2/NDF:995.0/24

Right Out: -0.193+/-0.007 χ^2/NDF: 7716.2/34

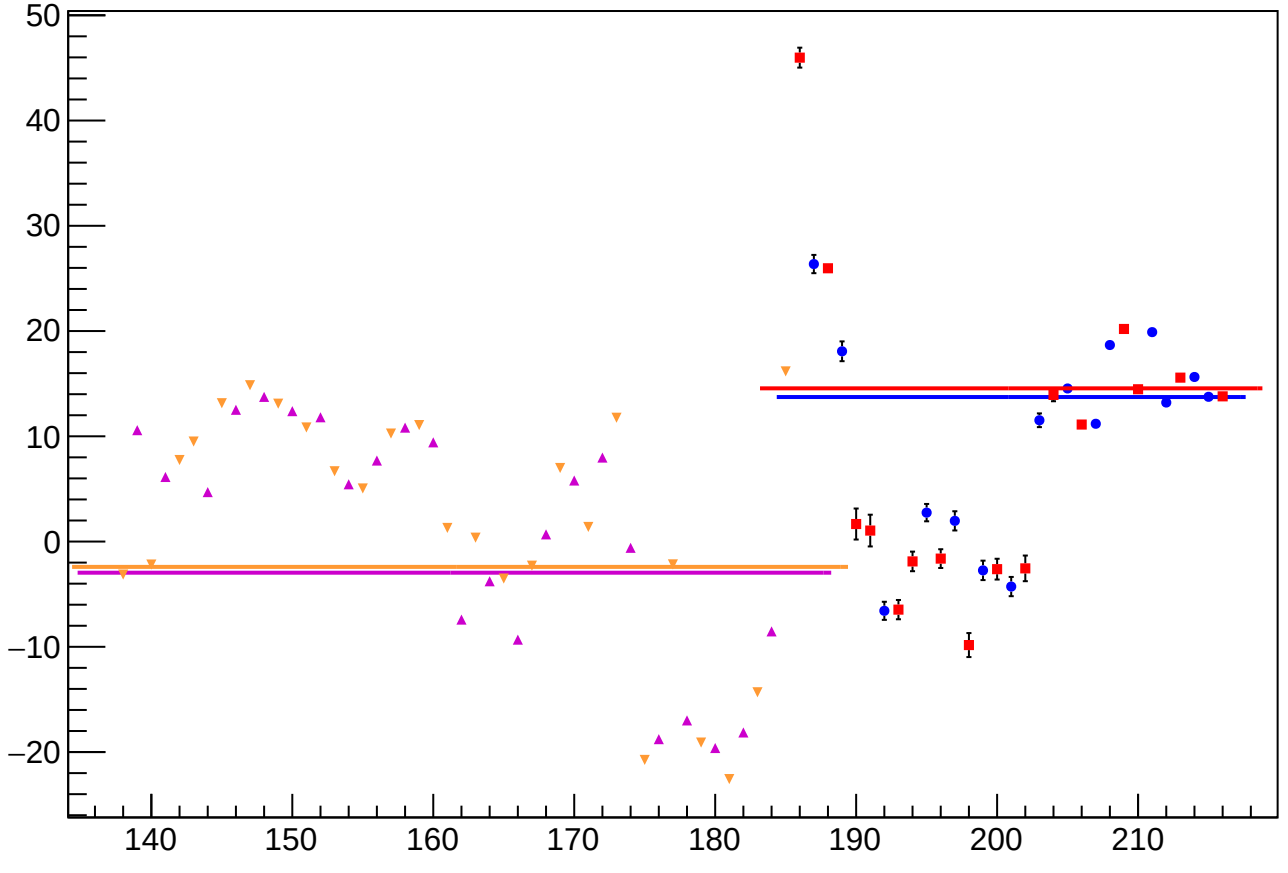
Left In: 0.389+/-0.003 χ^2/NDF:1256.9/22

+ sign 0.323+/-0.002 χ^2/NDF: 14118.9/56

All: 0.317+/-0.002 χ^2/NDF: 29838.0/114

- sign 0.310+/-0.002 χ^2/NDF: 15703.6/57

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 13.731+/-0.138 χ^2/NDF: 2374.3/14

Left Out: -2.407+/-0.053 χ^2/NDF:56368.5/24

Right Out: 14.556+/-0.145 χ^2/NDF: 4435.4/15

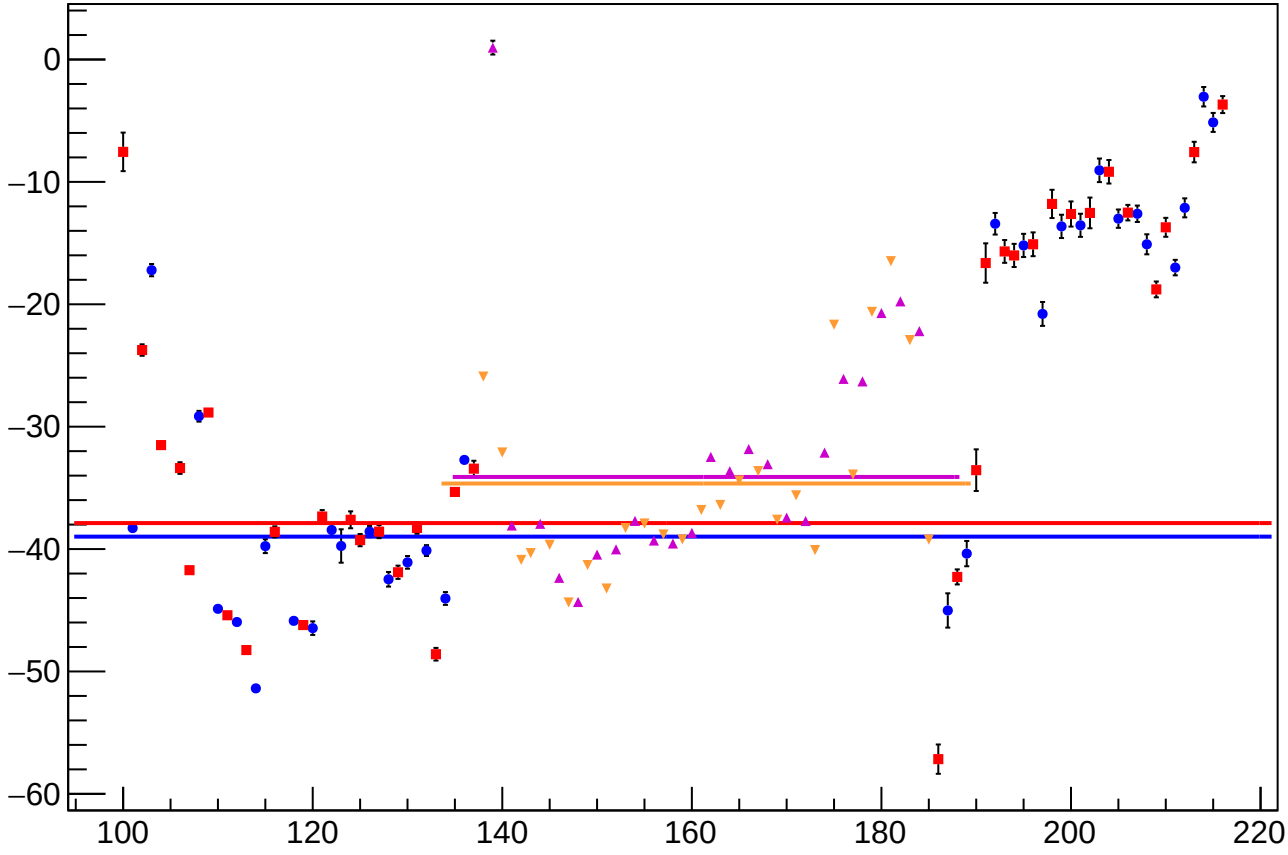
Left In: -2.959+/-0.055 χ^2/NDF:45922.6/22

+ sign -0.339+/-0.049 χ^2/NDF: 70725.3/39

All: -0.538+/-0.036 χ^2/NDF: 133956.2/78

- sign -0.753+/-0.051 χ^2/NDF: 63196.9/38

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -38.984+/-0.074 χ^2/NDF: 22366.3/31

Left Out: -34.646+/-0.042 χ^2/NDF:34674.7/24

Right Out: -37.876+/-0.069 χ^2/NDF: 23950.2/34

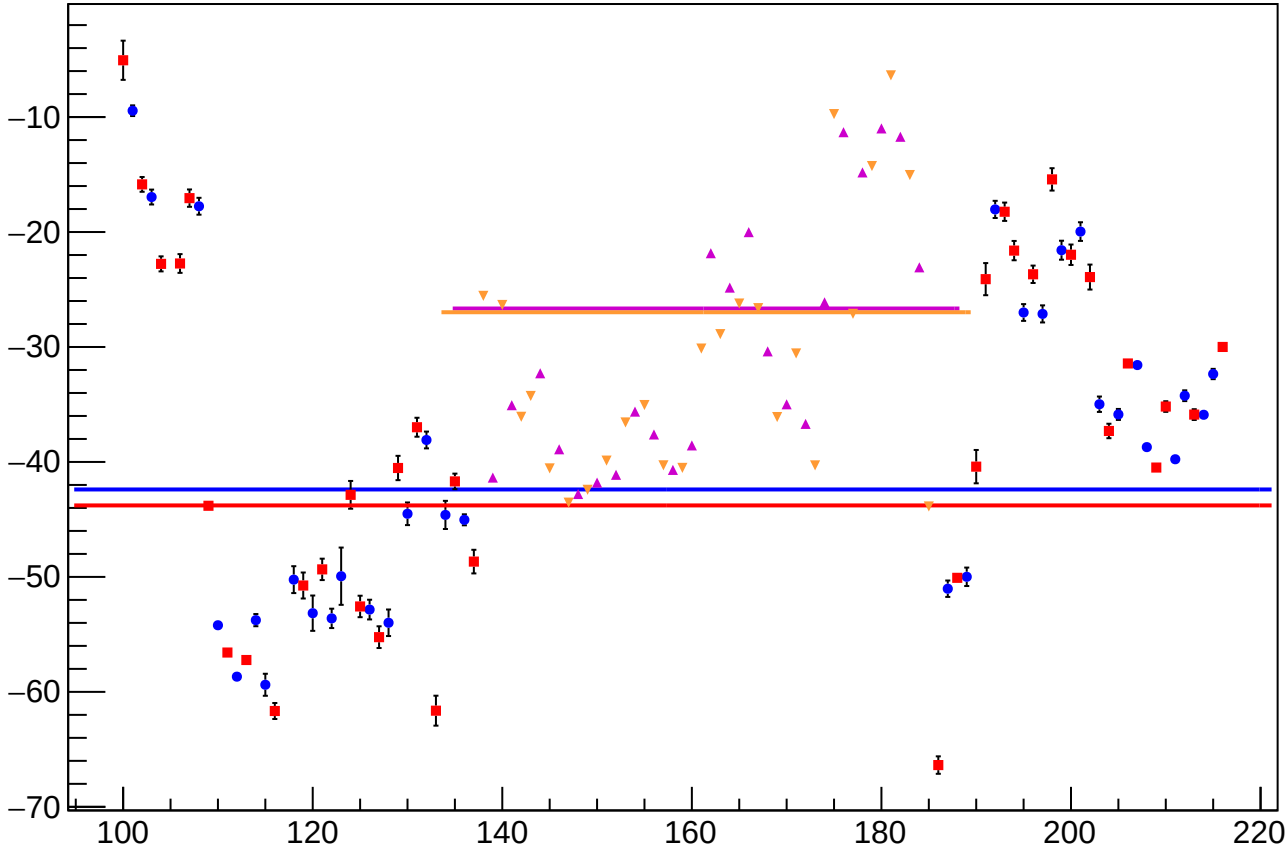
Left In: -34.108+/-0.044 χ^2/NDF:29052.8/22

+ sign -35.704+/-0.036 χ^2/NDF: 59670.1/56

All: -35.454+/-0.026 χ^2/NDF: 114886.4/114

- sign -35.194+/-0.037 χ^2/NDF: 55120.0/57

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -42.393+/-0.092 χ^2/NDF: 22932.3/31

Left Out: -26.978+/-0.053 χ^2/NDF:49361.1/24

Right Out: -43.782+/-0.085 χ^2/NDF: 21820.1/34

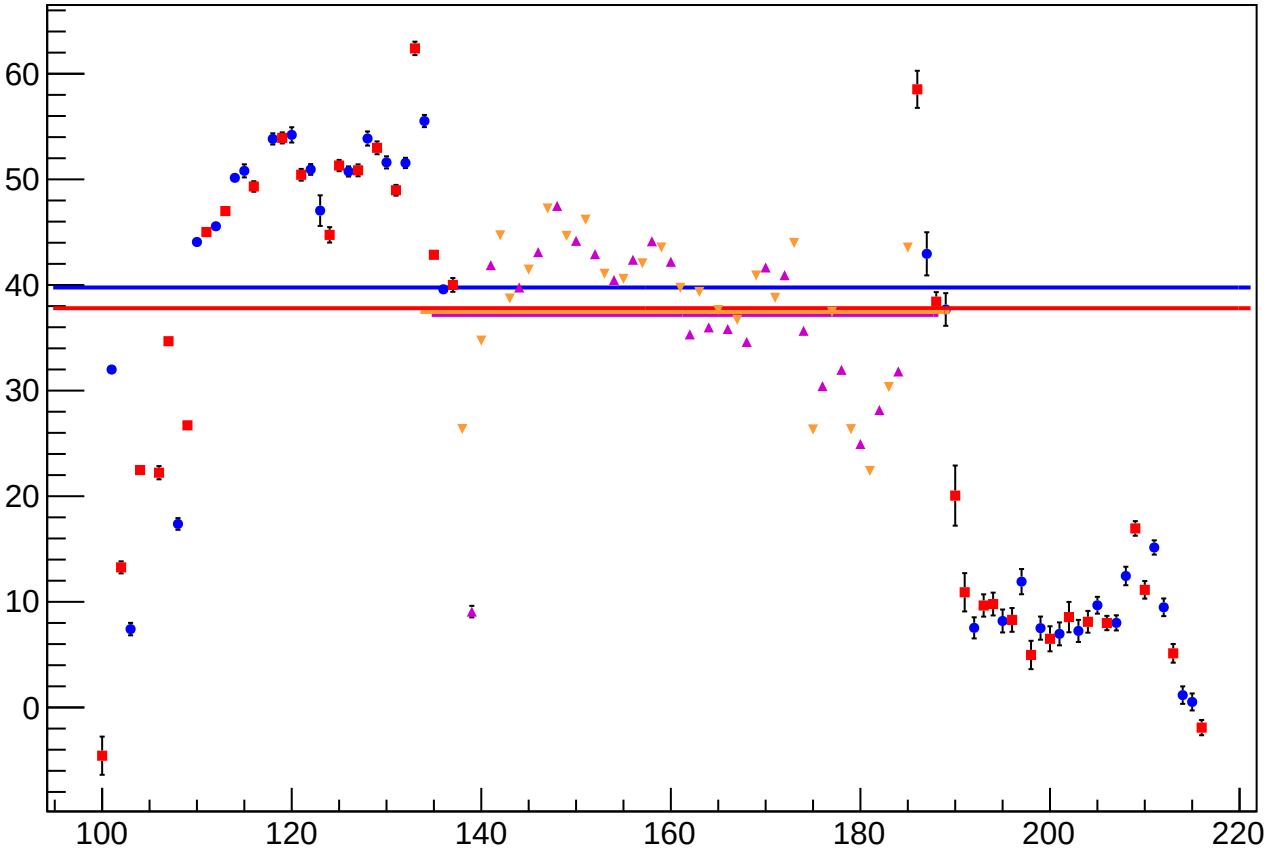
Left In: -26.654+/-0.055 χ^2/NDF:42106.8/22

+ sign -30.819+/-0.046 χ^2/NDF: 93224.9/56

All: -31.248+/-0.033 χ^2/NDF: 185848.2/114

- sign -31.679+/-0.046 χ^2/NDF: 92449.3/57

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 39.762+/-0.082 χ^2/NDF: 29359.2/31

Left Out: 37.447+/-0.047 χ^2/NDF:21570.6/24

Right Out: 37.802+/-0.076 χ^2/NDF: 32000.7/34

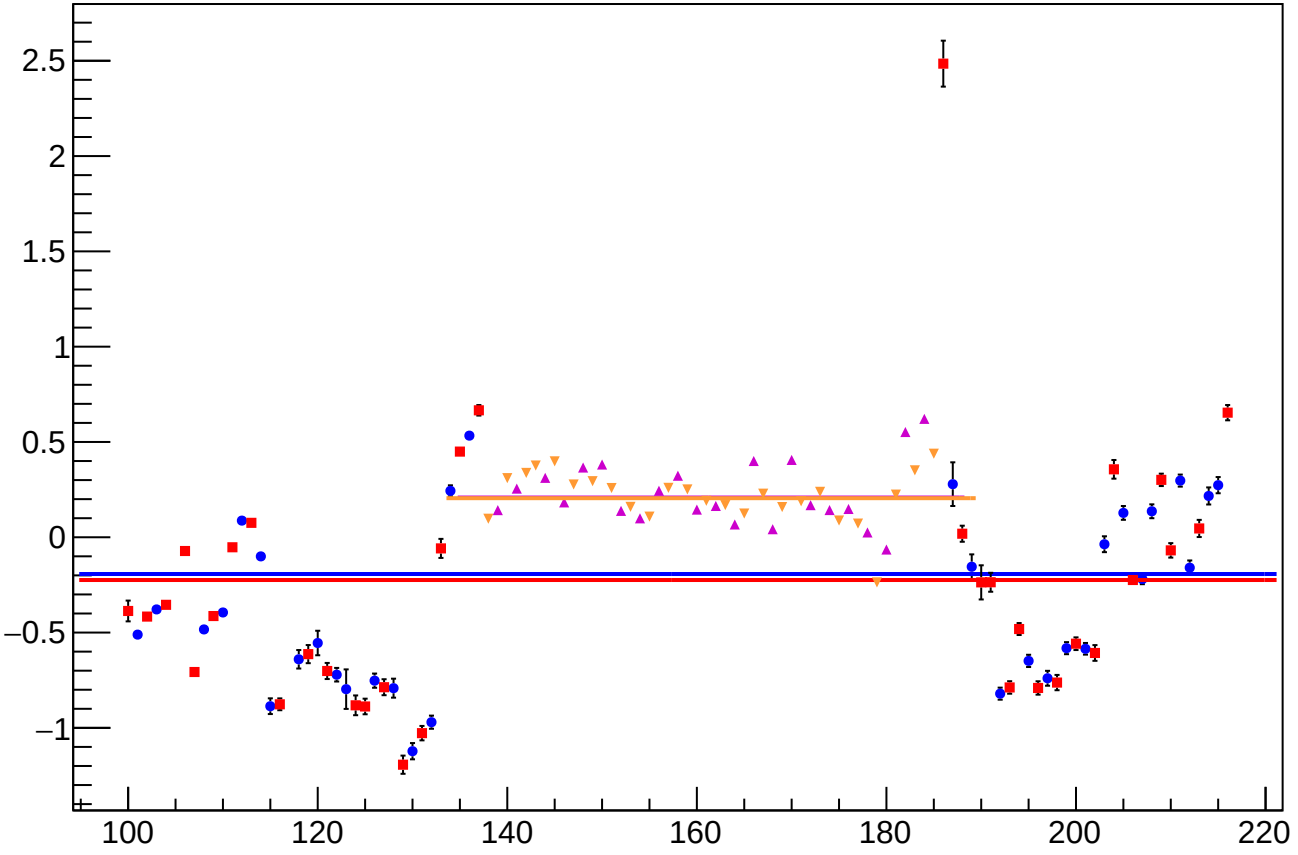
Left In: 37.169+/-0.049 χ^2/NDF:17236.9/22

+ sign 38.024+/-0.041 χ^2/NDF: 51530.8/56

All: 37.694+/-0.029 χ^2/NDF: 100949.1/114

- sign 37.355+/-0.041 χ^2/NDF: 49286.0/57

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.193+/-0.004 χ^2/NDF: 9109.8/31

Left Out: 0.205+/-0.002 χ^2/NDF:3826.2/24

Right Out: -0.224+/-0.004 χ^2/NDF: 9880.9/34

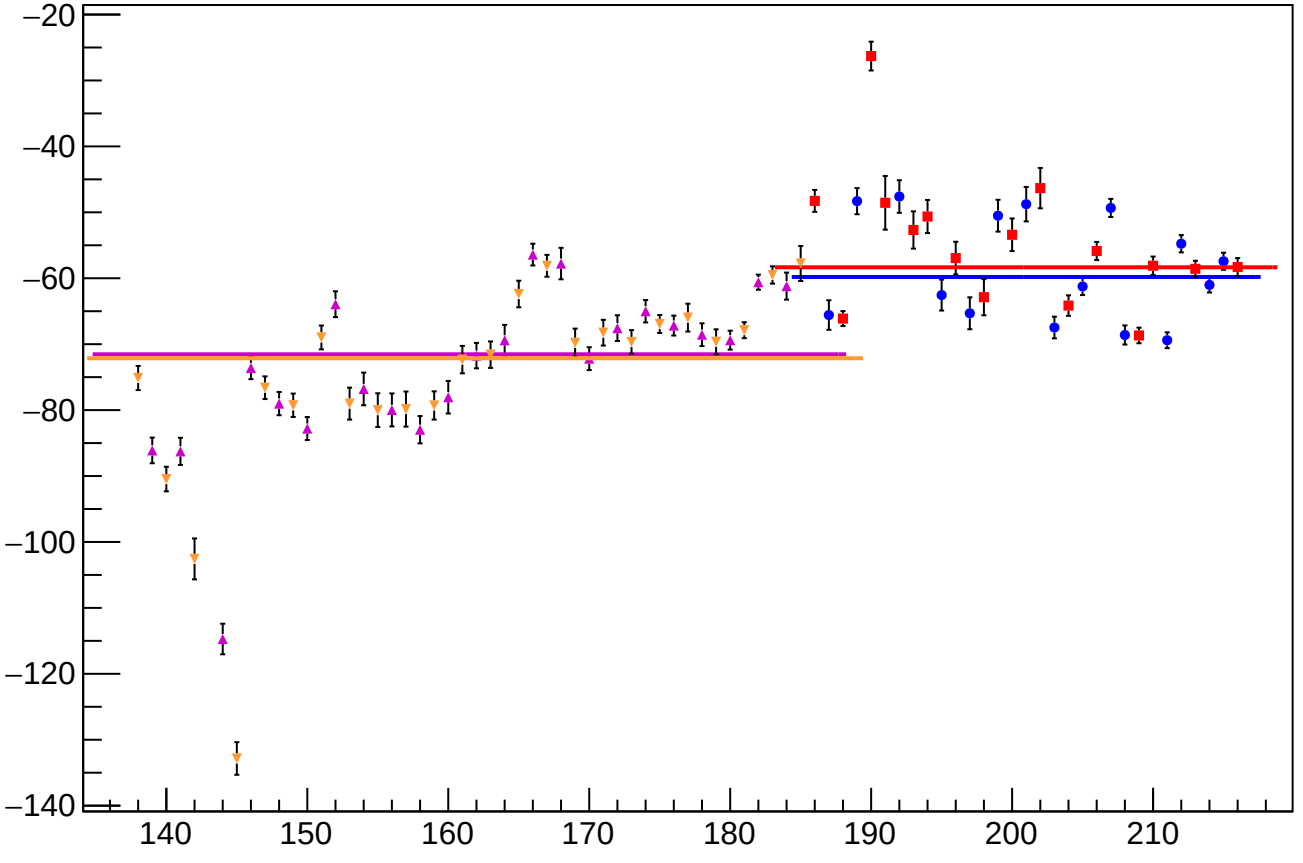
Left In: 0.208+/-0.002 χ^2/NDF:5094.6/22

+ sign 0.124+/-0.002 χ^2/NDF: 19724.5/56

All: 0.113+/-0.001 χ^2/NDF: 43898.5/114

- sign 0.102+/-0.002 χ^2/NDF: 24107.8/57

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -59.808+/-0.412 χ^2/NDF: 305.4/14

Left Out: -72.138+/-0.383 χ^2/NDF:1121.3/23

Right Out: -58.336+/-0.421 χ^2/NDF: 433.7/15

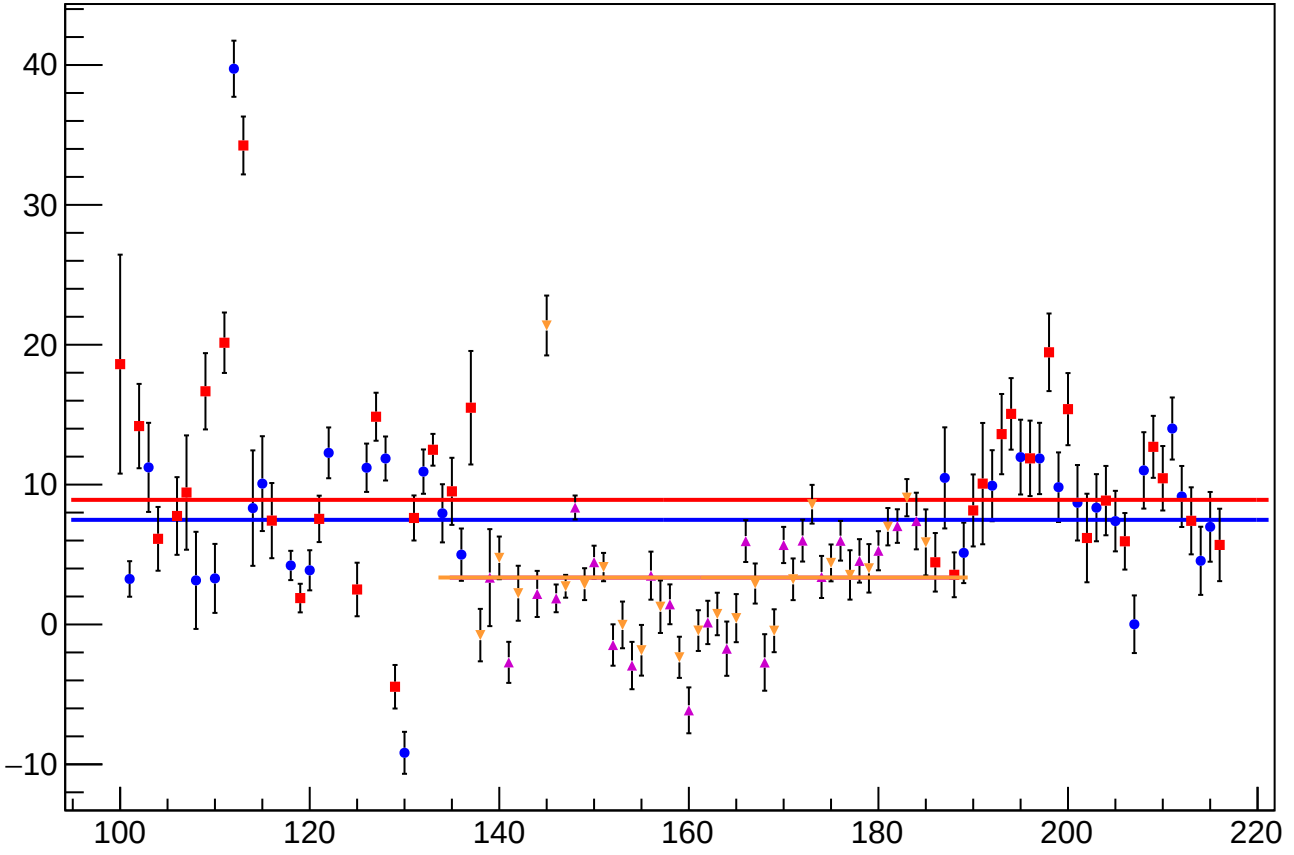
Left In: -71.534+/-0.382 χ^2/NDF:851.4/22

+ sign -66.427+/-0.280 χ^2/NDF: 1907.2/38

All: -66.008+/-0.199 χ^2/NDF: 3735.9/77

- sign -65.583+/-0.283 χ^2/NDF: 1824.3/38

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.480+/-0.360 χ^2/NDF: 476.5/30

Left Out: 3.357+/-0.295 χ^2/NDF:167.7/23

Right Out: 8.910+/-0.360 χ^2/NDF: 404.3/33

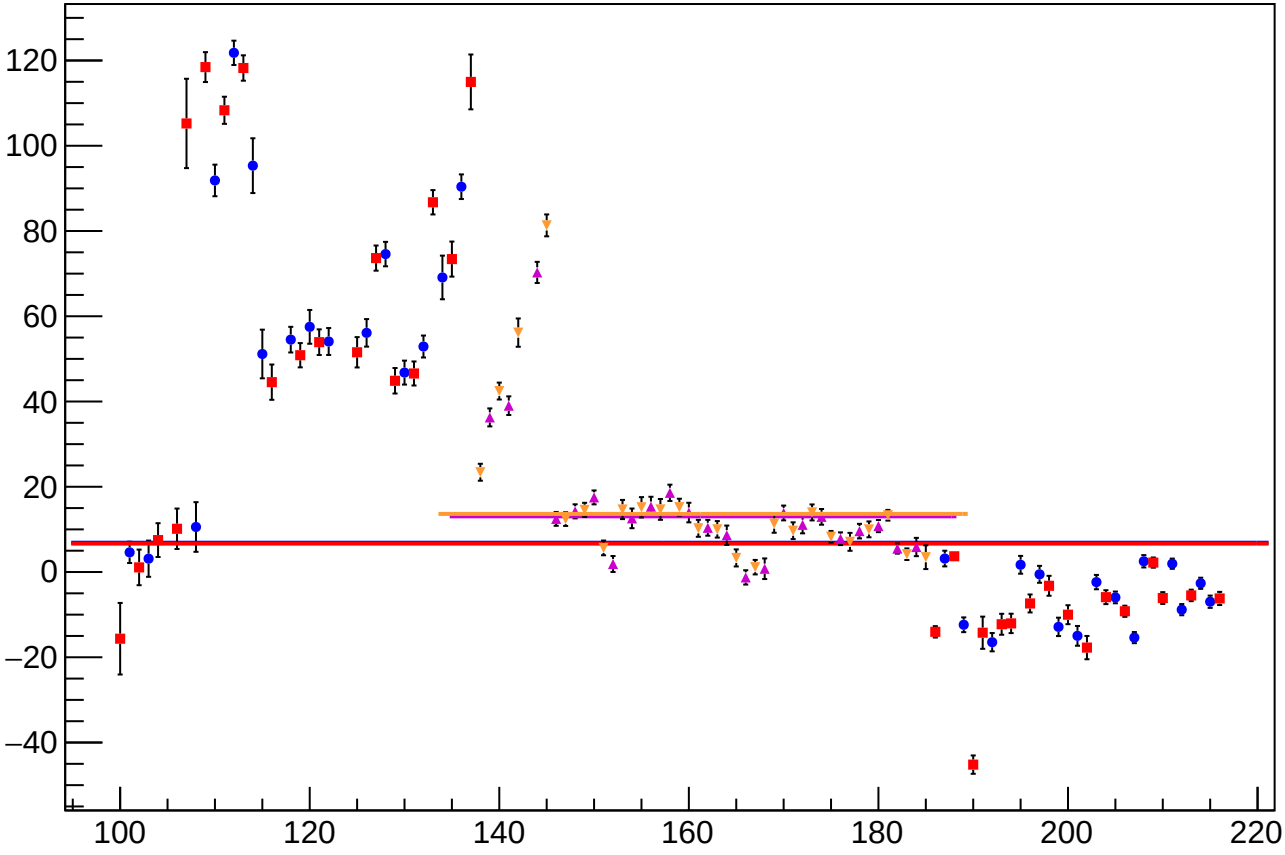
Left In: 3.349+/-0.298 χ^2/NDF:163.5/22

+ sign 5.010+/-0.228 χ^2/NDF: 722.6/54

All: 5.308+/-0.162 χ^2/NDF: 1435.2/111

- sign 5.610+/-0.230 χ^2/NDF: 709.2/56

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 6.871+/-0.367 χ^2/NDF: 6490.2/30

Left Out: 13.632+/-0.382 χ^2/NDF:1300.0/23

Right Out: 6.667+/-0.361 χ^2/NDF: 8124.7/33

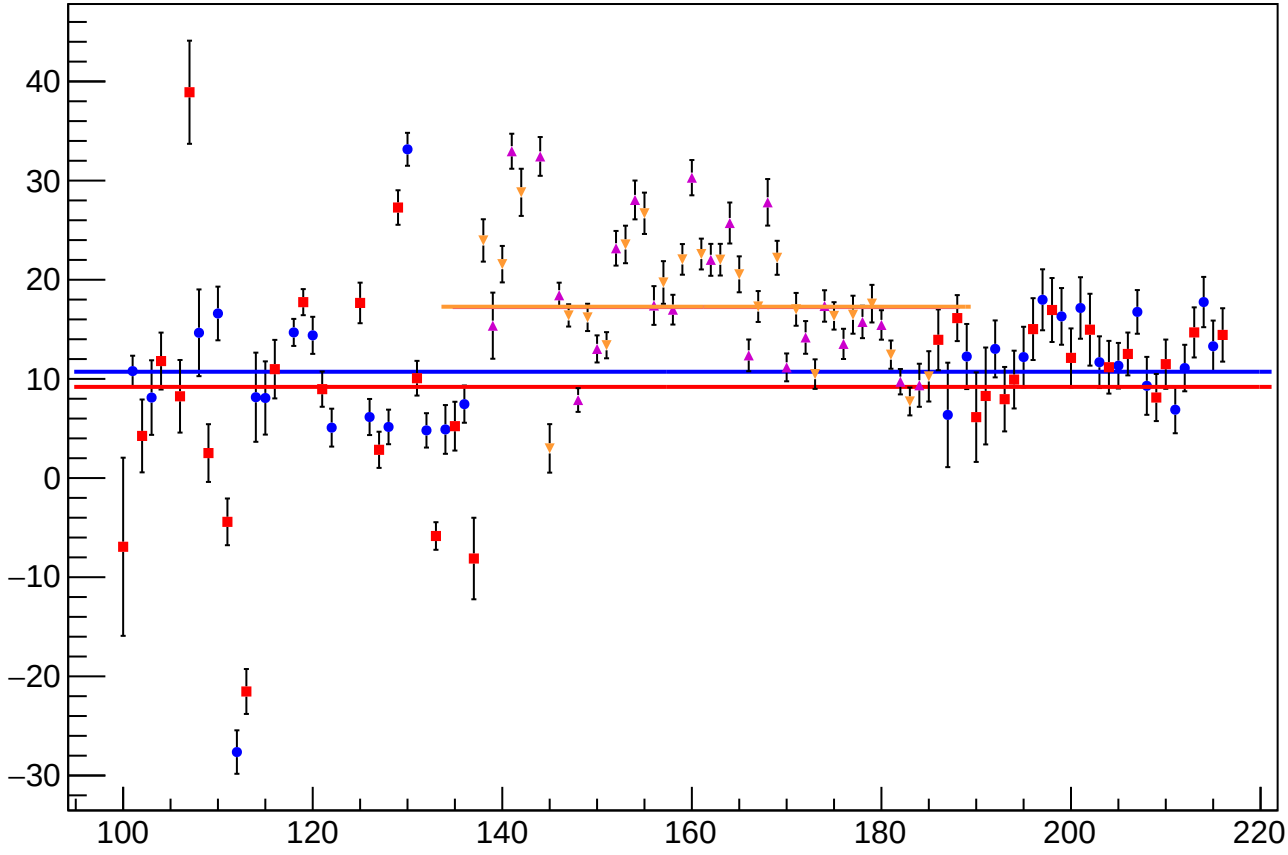
Left In: 13.058+/-0.380 χ^2/NDF:1024.7/22

\+ sign 10.116+/-0.264 χ^2/NDF: 7953.4/54

All: 9.904+/-0.186 χ^2/NDF: 17253.0/111

\- sign 9.697+/-0.261 χ^2/NDF: 9298.3/56

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 10.721+/-0.412 χ^2/NDF: 587.7/30

Left Out: 17.280+/-0.337 χ^2/NDF:243.9/23

Right Out: 9.194+/-0.418 χ^2/NDF: 615.3/33

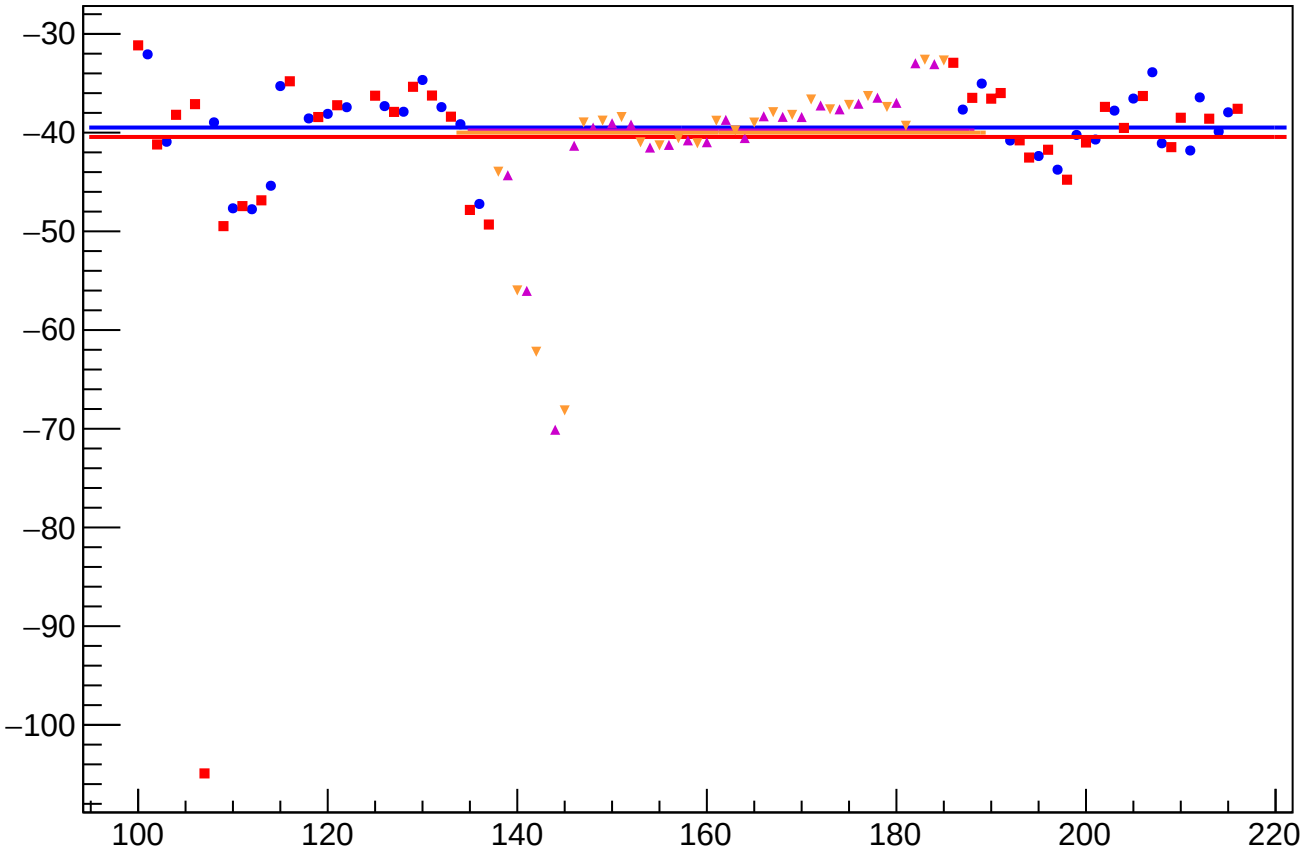
Left In: 17.245+/-0.339 χ^2/NDF:440.8/22

+ sign 14.650+/-0.261 χ^2/NDF: 983.4/54

All: 14.349+/-0.185 χ^2/NDF: 2265.9/111

- sign 14.043+/-0.263 χ^2/NDF: 1279.8/56

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.483+/-0.020 χ^2/NDF: 37900.9/30

Left Out: -39.999+/-0.016 χ^2/NDF:172263.8/23

Right Out: -40.439+/-0.020 χ^2/NDF: 107705.1/33

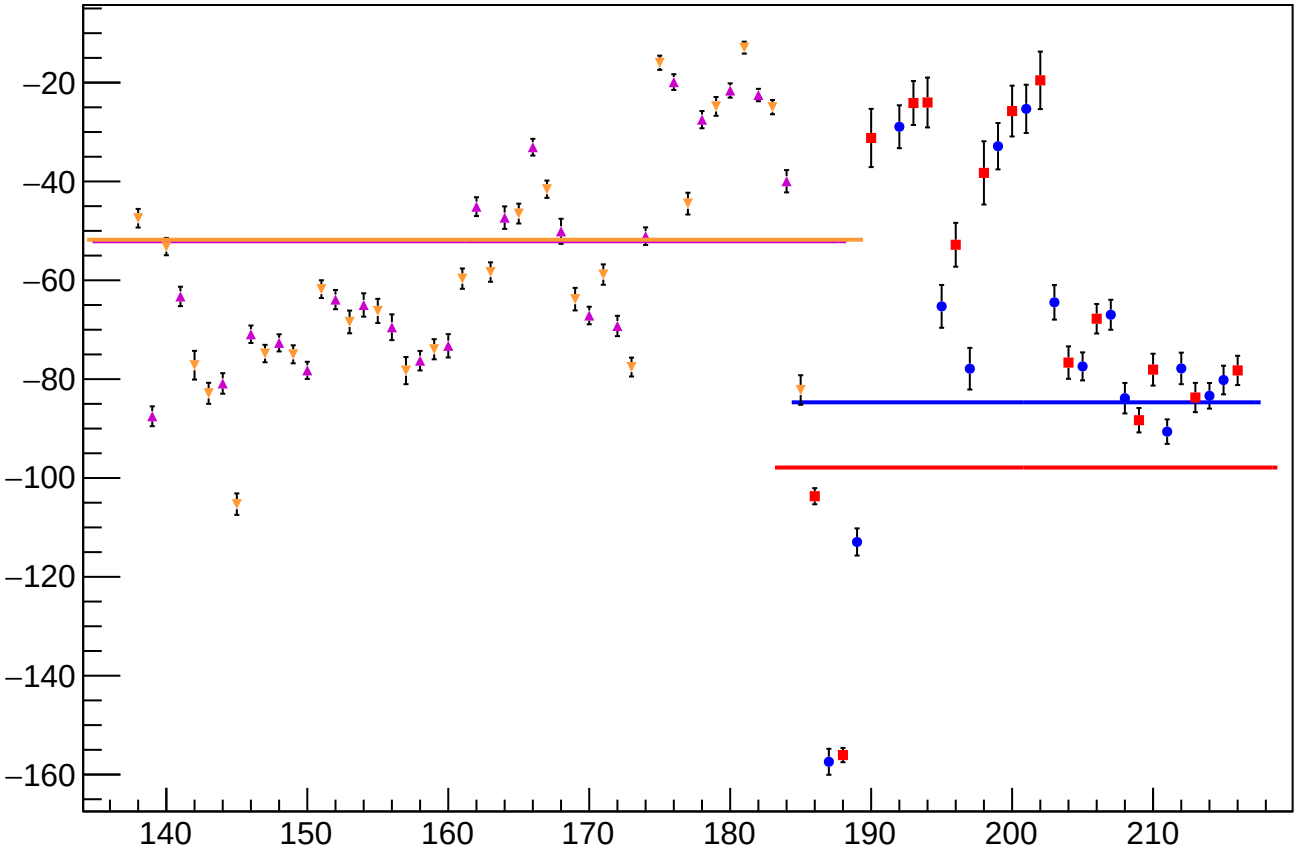
Left In: -39.785+/-0.016 χ^2/NDF:144494.5/22

+ sign -39.807+/-0.012 χ^2/NDF: 210564.9/54

All: -39.918+/-0.009 χ^2/NDF: 463569.3/111

- sign -40.027+/-0.012 χ^2/NDF: 252848.1/56

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -84.692+/-0.823 χ^2/NDF: 1413.9/14

Left Out: -51.787+/-0.383 χ^2/NDF:4164.8/24

Right Out: -97.882+/-0.744 χ^2/NDF: 3080.8/14

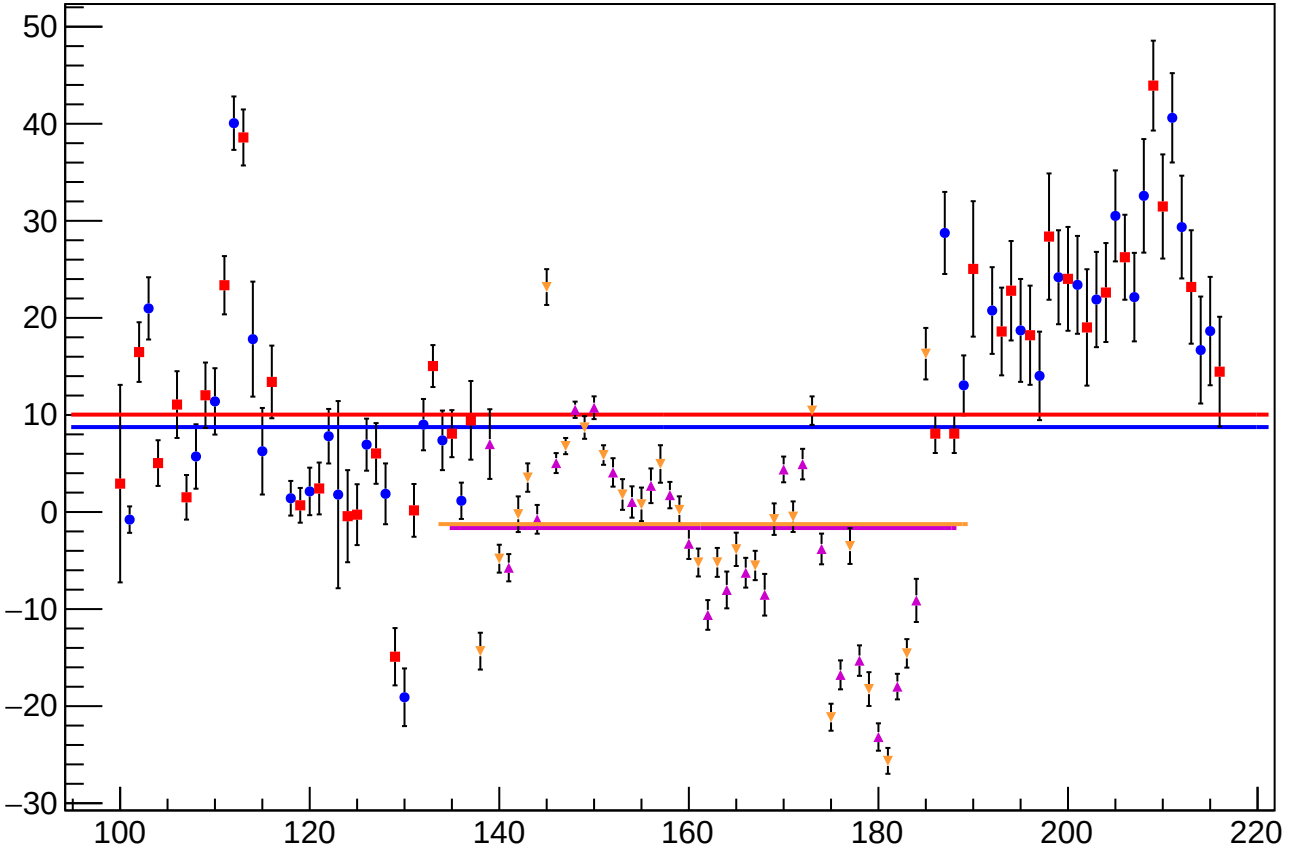
Left In: -52.104+/-0.389 χ^2/NDF:3280.2/22

\+ sign -57.632+/-0.347 χ^2/NDF: 6892.4/39

All: -59.795+/-0.244 χ^2/NDF: 16307.4/77

\- sign -61.927+/-0.344 χ^2/NDF: 9337.9/37

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 8.750+/-0.557 χ^2/NDF: 508.9/31

Left Out: -1.245+/-0.292 χ^2/NDF:1322.6/24

Right Out: 10.035+/-0.549 χ^2/NDF: 416.3/33

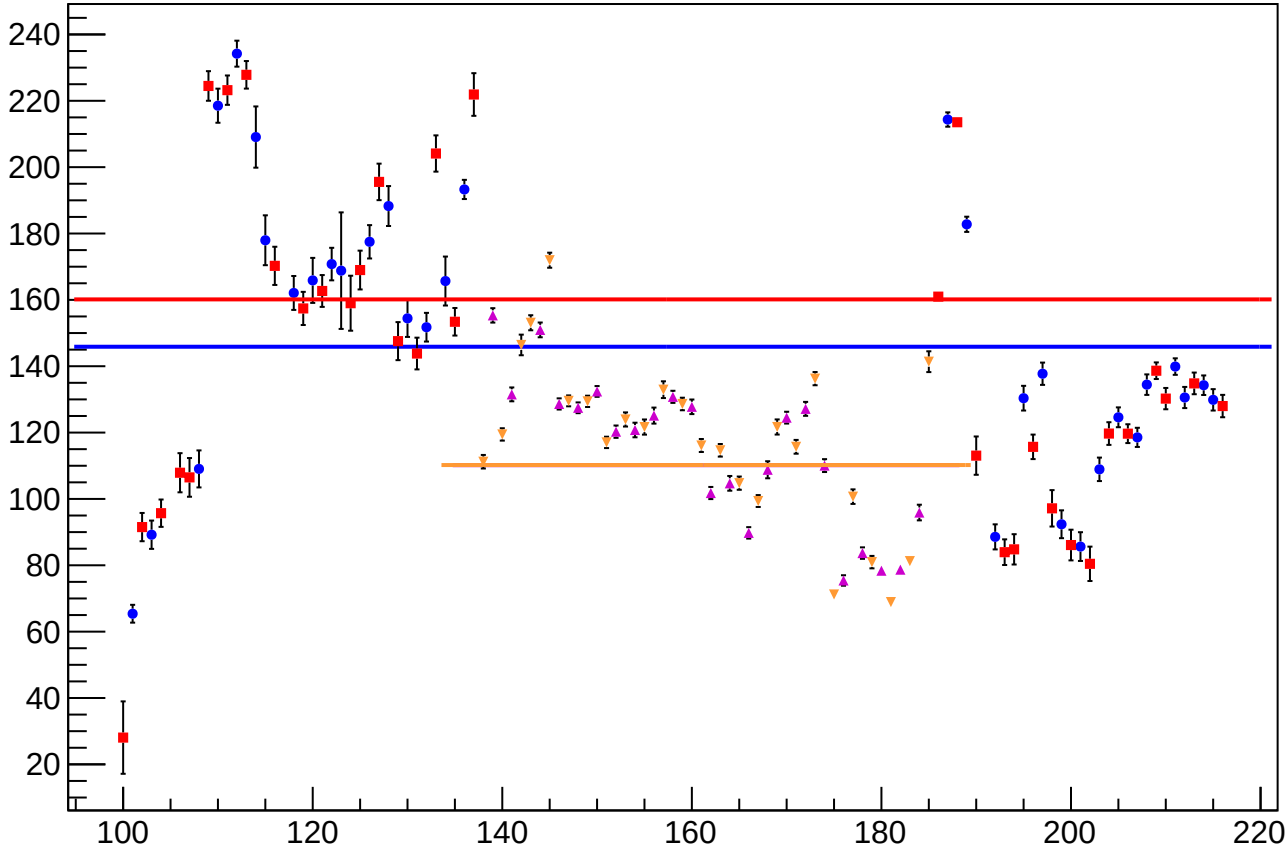
Left In: -1.650+/-0.300 χ^2/NDF:1092.2/22

+ sign 0.904+/-0.258 χ^2/NDF: 2084.0/56

All: 0.972+/-0.184 χ^2/NDF: 3941.8/113

- sign 1.042+/-0.263 χ^2/NDF: 1857.7/56

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 145.874+/-0.647 χ^2/NDF: 4511.2/31

Left Out: 110.213+/-0.382 χ^2/NDF:4593.7/24

Right Out: 160.141+/-0.574 χ^2/NDF: 5981.8/33

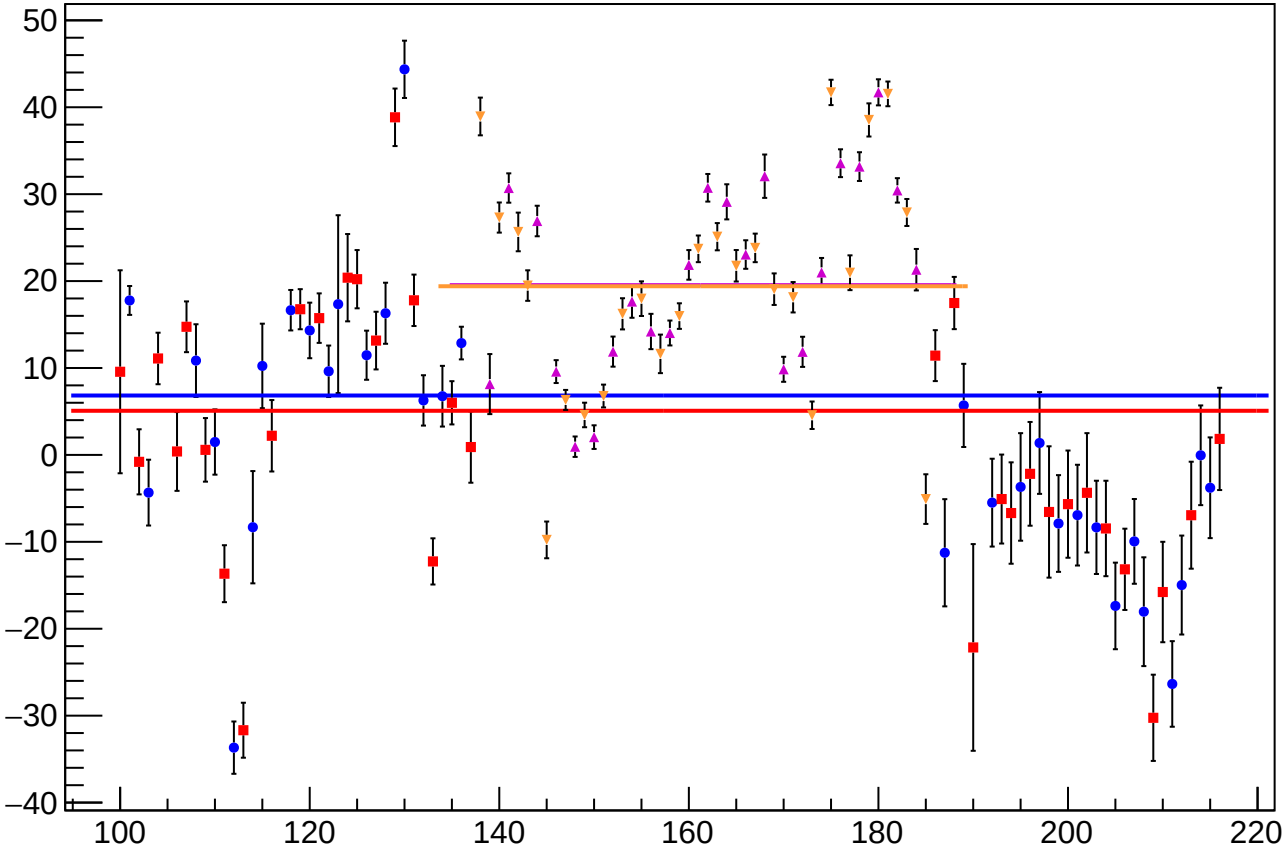
Left In: 110.171+/-0.386 χ^2/NDF:3702.6/22

+ sign 119.424+/-0.329 χ^2/NDF: 11355.6/56

All: 122.660+/-0.230 χ^2/NDF: 26445.7/113

- sign 125.726+/-0.320 χ^2/NDF: 14901.8/56

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 6.834+/-0.642 χ^2/NDF: 572.6/31

Left Out: 19.405+/-0.335 χ^2/NDF:1453.4/24

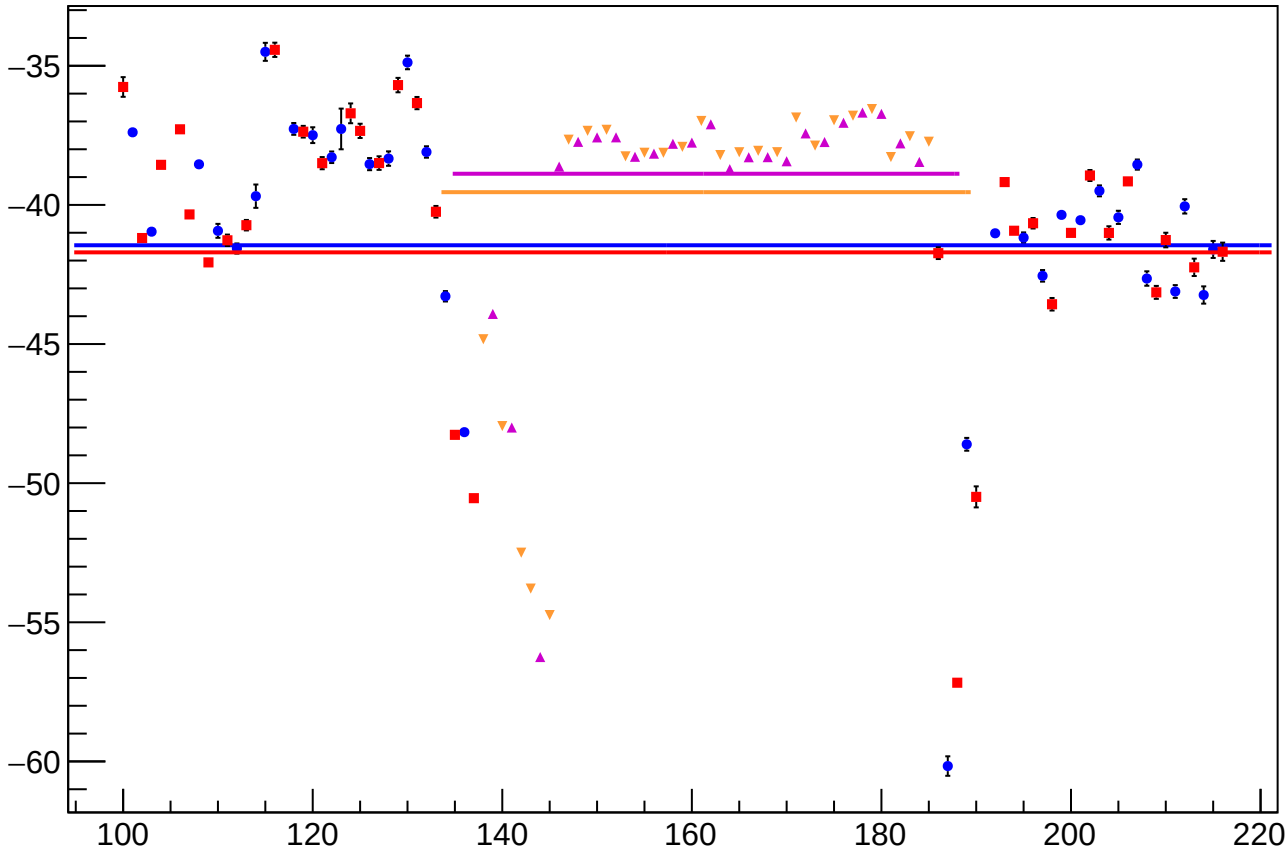
Right Out: 5.077+/-0.648 χ^2/NDF: 562.9/33

Left In: 19.530+/-0.342 χ^2/NDF:1181.3/22

+ sign 16.718+/-0.297 χ^2/NDF: 2327.6/56

All: 16.549+/-0.212 χ^2/NDF: 4461.6/113

- sign 16.372+/-0.303 χ^2/NDF: 2133.4/56



Right In: -41.450+/-0.032 χ^2/NDF: 16956.6/31

Left Out: -39.542+/-0.016 χ^2/NDF:92024.1/24

Right Out: -41.705+/-0.031 χ^2/NDF: 23113.8/33

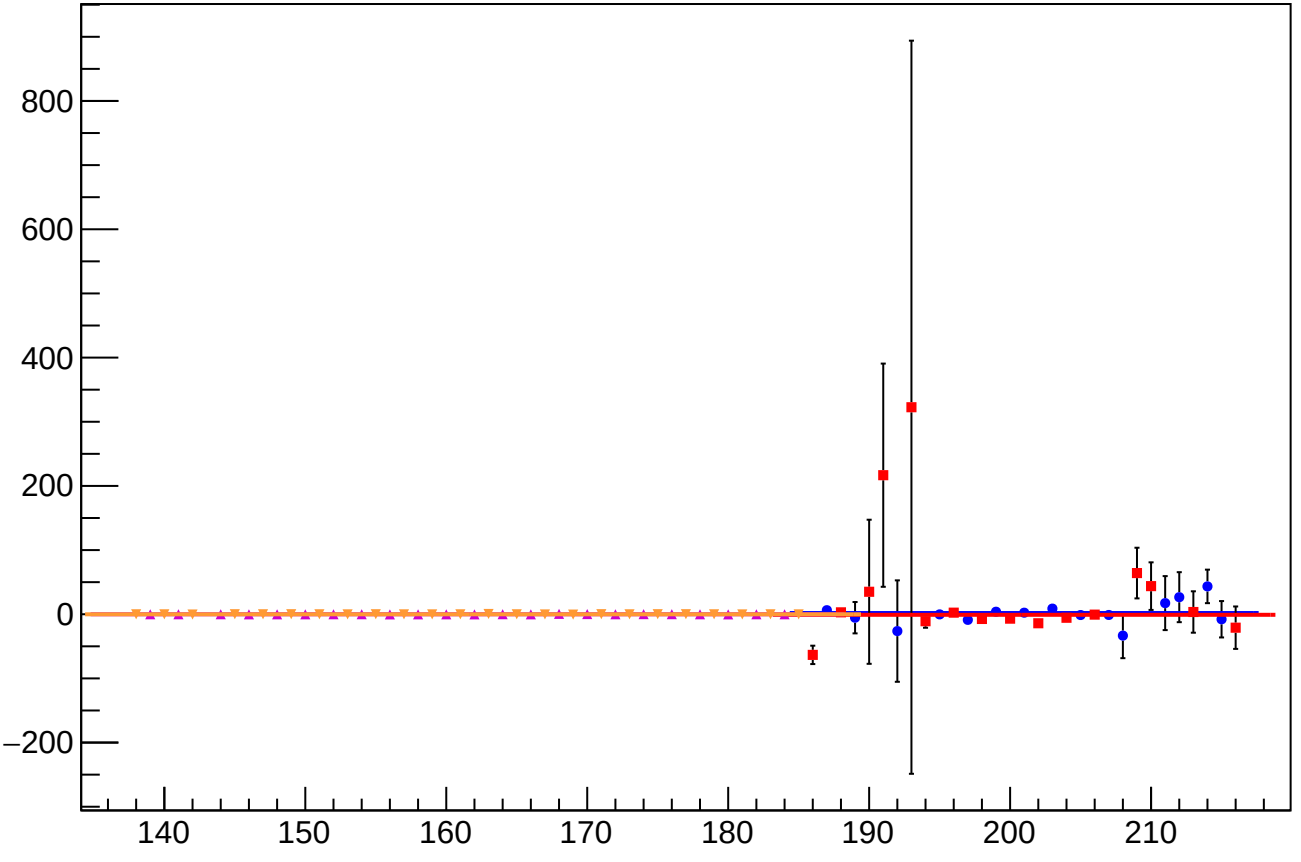
Left In: -38.880+/-0.016 χ^2/NDF:53409.9/22

+ sign -39.922+/-0.014 χ^2/NDF: 111914.7/56

All: -39.691+/-0.010 χ^2/NDF: 195457.6/113

- sign -39.457+/-0.014 χ^2/NDF: 82998.1/56

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 1.869+/-1.529 χ^2/NDF: 15.4/14

Left Out: -0.089+/-0.022 χ^2/NDF:39.7/23

Right Out: -0.873+/-1.417 χ^2/NDF: 37.1/15

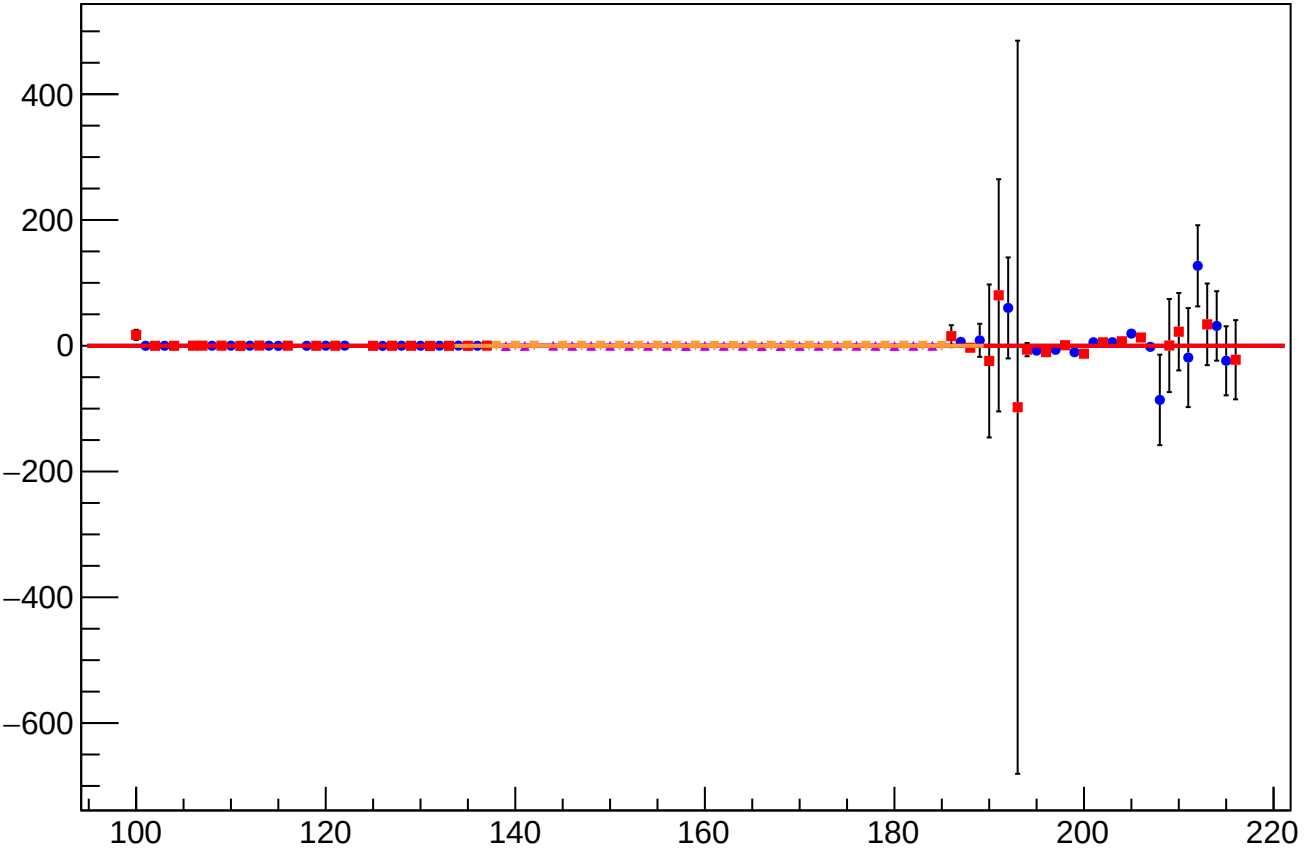
Left In: -0.026+/-0.022 χ^2/NDF:33.3/22

\+ sign -0.088+/-0.022 χ^2/NDF: 56.8/38

All: -0.057+/-0.016 χ^2/NDF: 131.5/77

\- sign -0.026+/-0.022 χ^2/NDF: 70.7/38

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.002+/-0.029 χ^2/NDF: 37.8/30

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.050+/-0.029 χ^2/NDF: 41.6/33

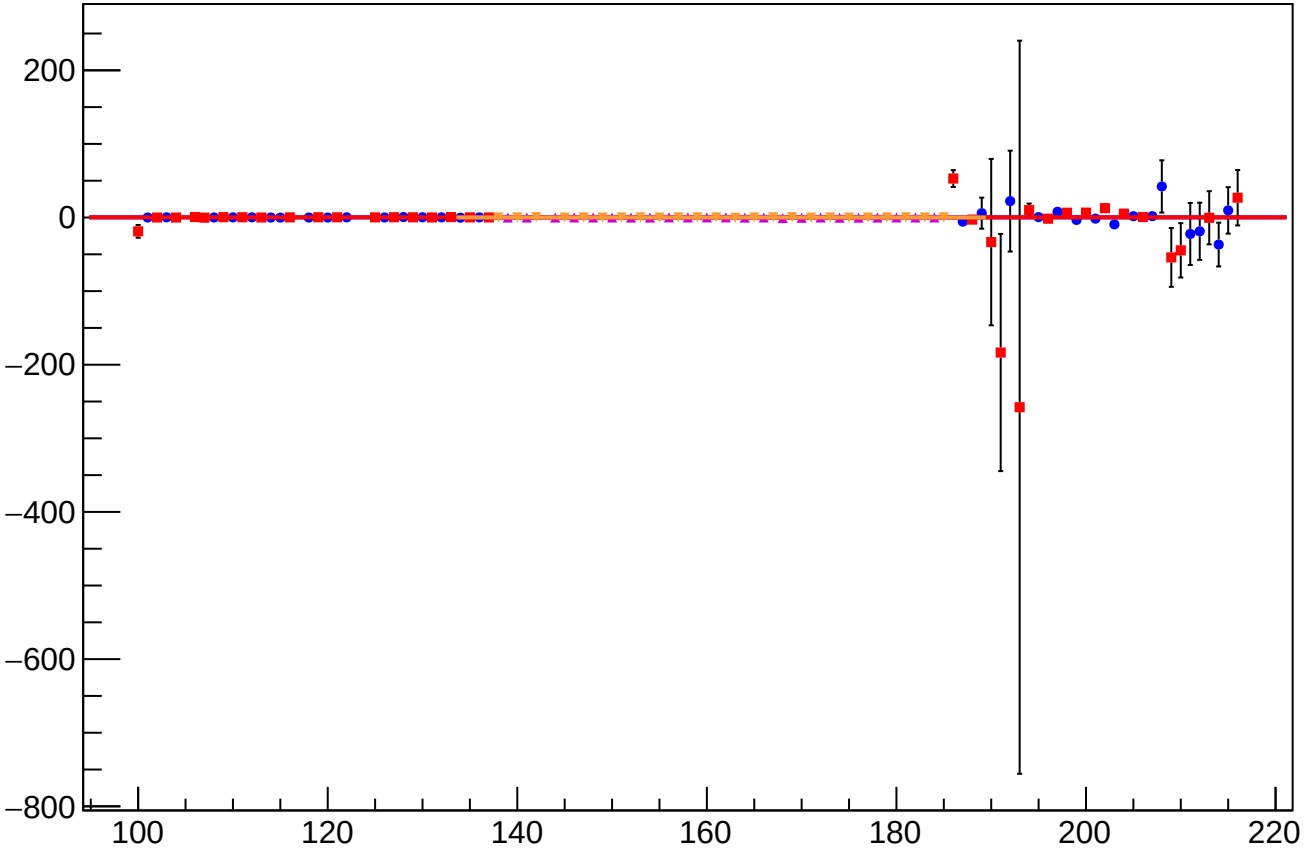
Left In: -0.052+/-0.018 χ^2/NDF:31.7/22

+ sign -0.060+/-0.015 χ^2/NDF: 69.3/54

All: -0.056+/-0.011 χ^2/NDF: 142.7/111

- sign -0.052+/-0.015 χ^2/NDF: 73.3/56

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.172+/-0.053 χ^2/NDF: 30.7/30

Left Out: 0.081+/-0.022 χ^2/NDF:38.4/23

Right Out: 0.236+/-0.054 χ^2/NDF: 60.8/33

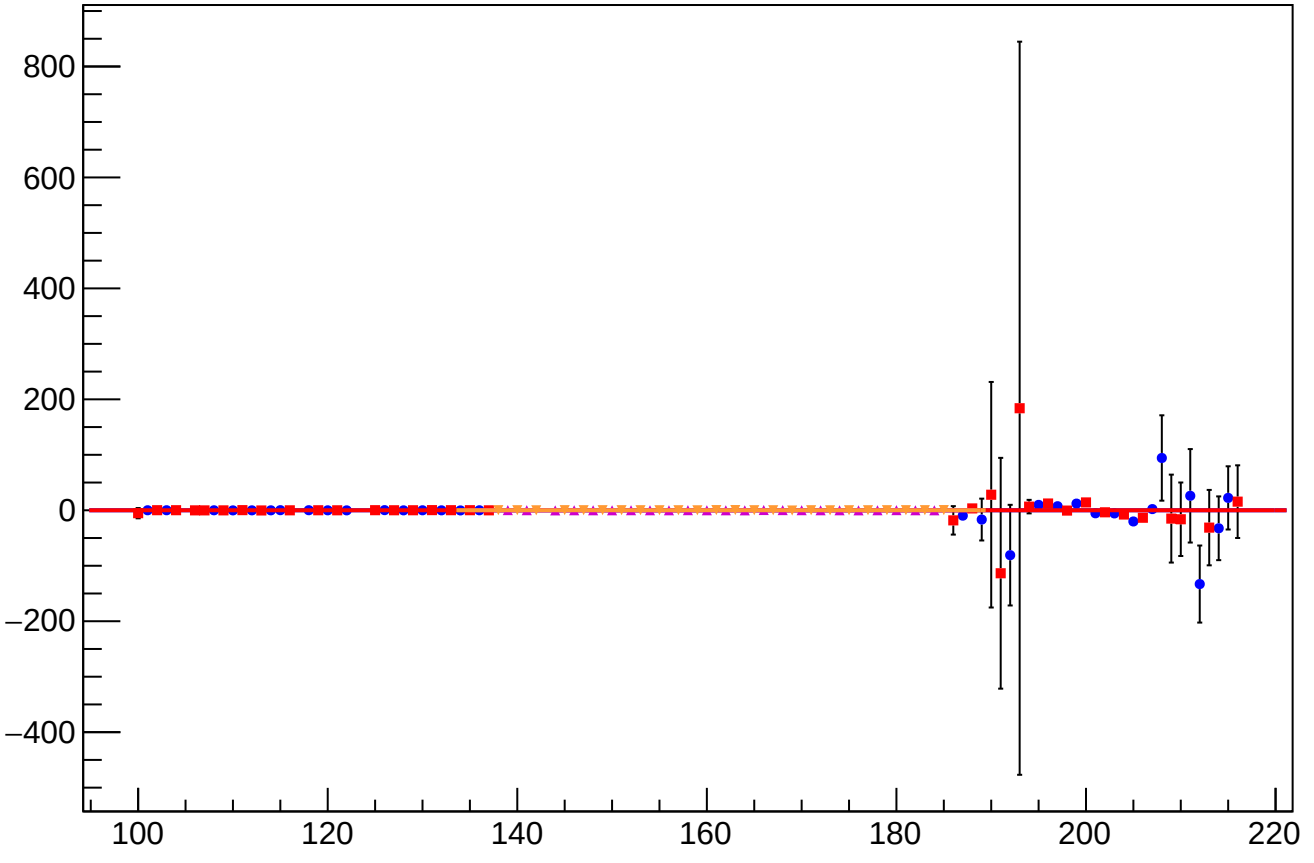
Left In: 0.020+/-0.022 χ^2/NDF:35.6/22

\+ sign 0.095+/-0.020 χ^2/NDF: 71.6/54

All: 0.073+/-0.014 χ^2/NDF: 184.0/111

\- sign 0.051+/-0.021 χ^2/NDF: 110.1/56

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.007+/-0.033 χ^2/NDF: 39.2/30

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.057+/-0.034 χ^2/NDF: 34.9/33

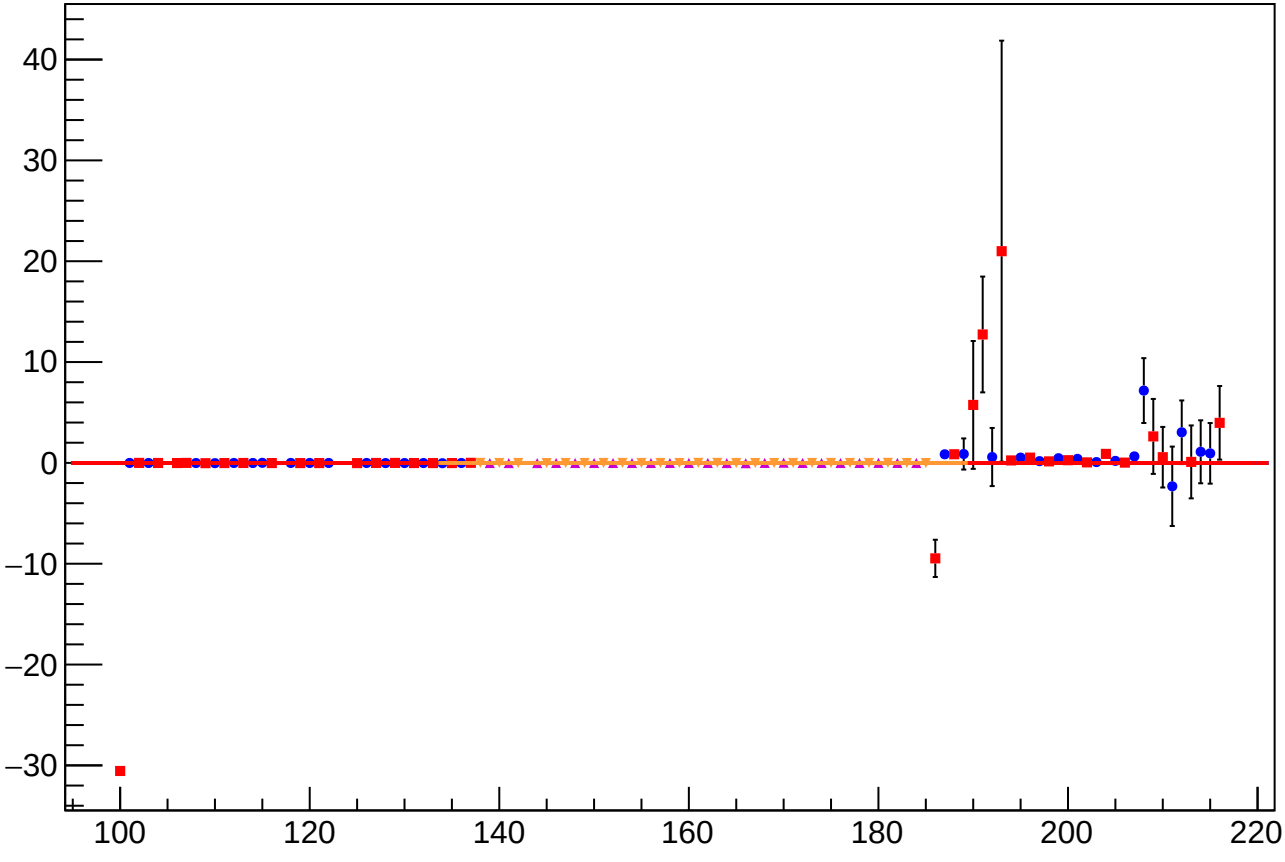
Left In: 0.069+/-0.020 χ^2/NDF:31.3/22

+ sign 0.076+/-0.017 χ^2/NDF: 77.2/54

All: 0.071+/-0.012 χ^2/NDF: 143.8/111

- sign 0.066+/-0.017 χ^2/NDF: 66.4/56

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 48.1/30

Left Out: -0.008+/-0.001 χ^2/NDF:30.1/23

Right Out: -0.012+/-0.002 χ^2/NDF: 11956.0/33

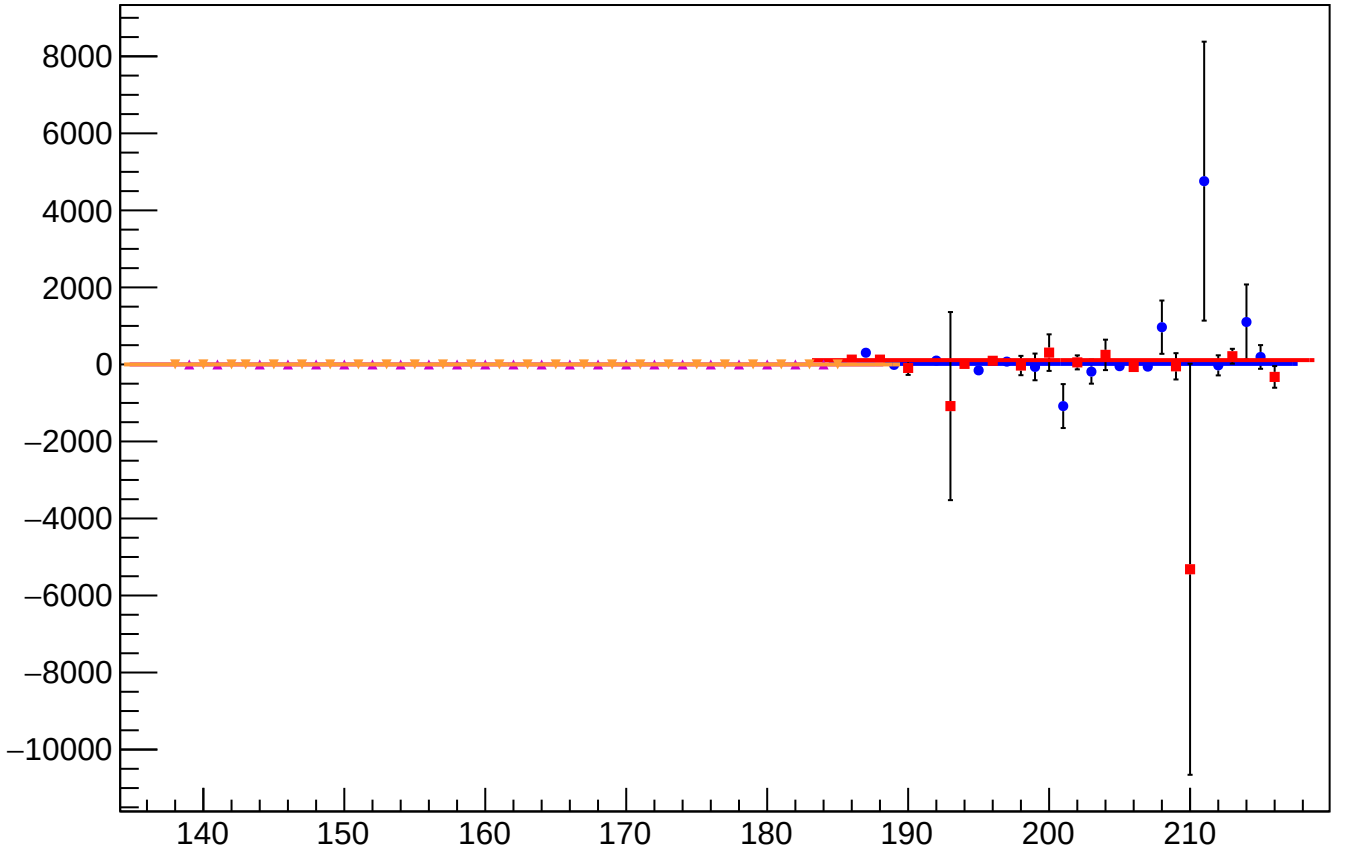
Left In: -0.009+/-0.001 χ^2/NDF:40.8/22

+ sign -0.009+/-0.001 χ^2/NDF: 81.6/54

All: -0.009+/-0.001 χ^2/NDF: 12081.3/111

- sign -0.009+/-0.001 χ^2/NDF: 11999.3/56

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 13.828+/-25.808 χ^2/NDF: 25.5/14

Left Out: 0.017+/-0.027 χ^2/NDF:30.9/24

Right Out: 111.808+/-16.084 χ^2/NDF: 11.2/14

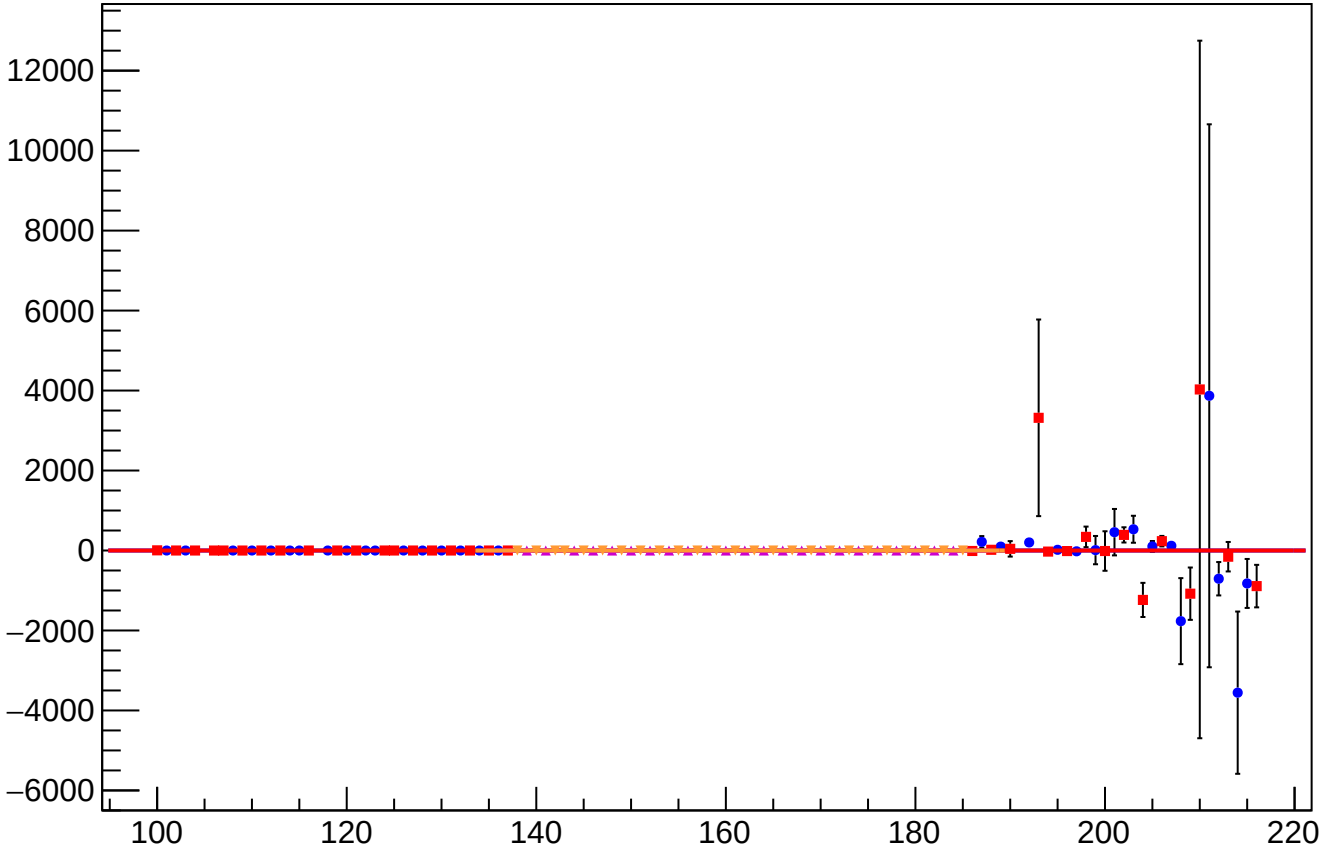
Left In: 0.002+/-0.028 χ^2/NDF:29.0/22

+ sign 0.017+/-0.027 χ^2/NDF: 56.8/39

All: 0.010+/-0.019 χ^2/NDF: 145.5/77

- sign 0.003+/-0.028 χ^2/NDF: 88.6/37

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.022+/-0.037 χ^2/NDF: 49.8/31

Left Out: -0.060+/-0.021 χ^2/NDF:24.6/24

Right Out: -0.120+/-0.039 χ^2/NDF: 44.2/33

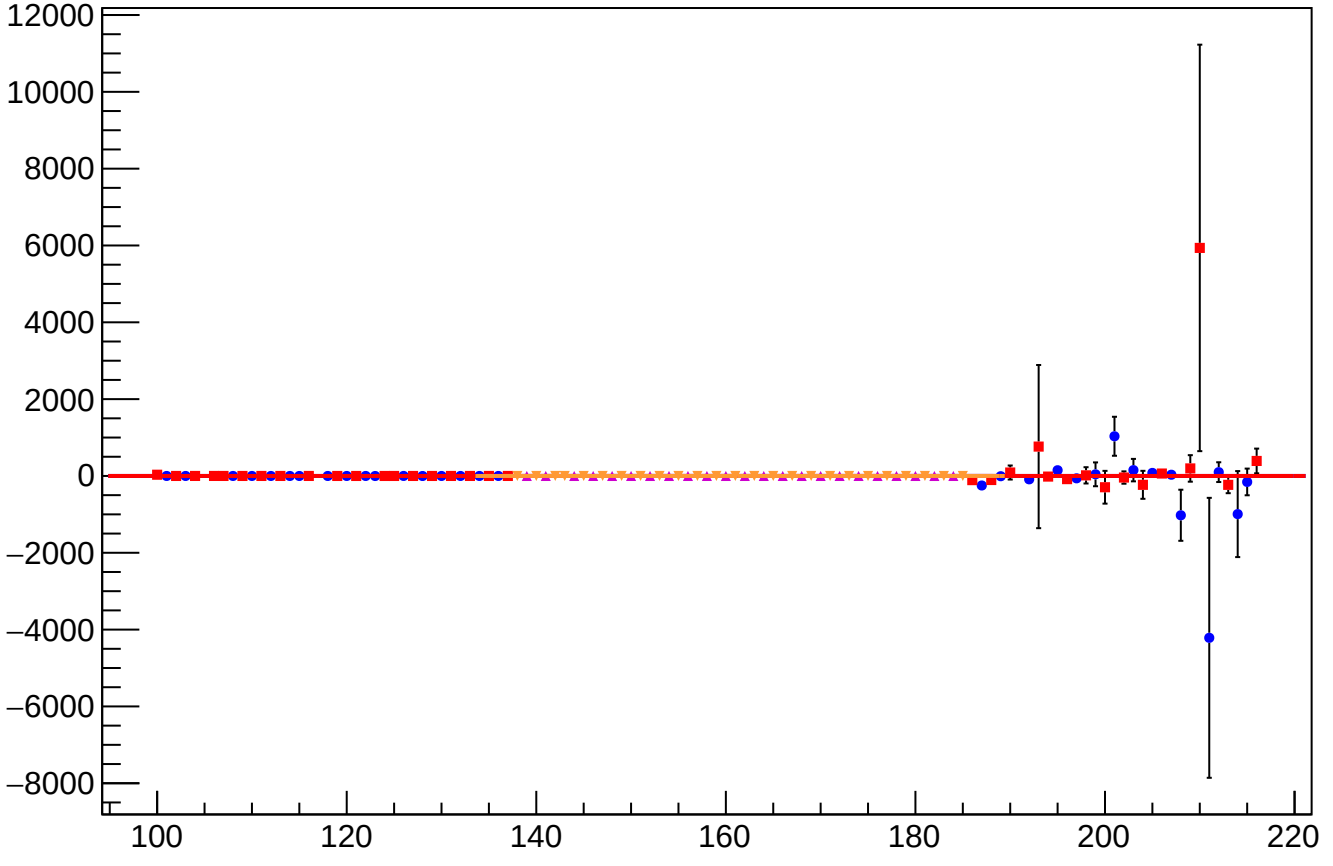
Left In: -0.071+/-0.022 χ^2/NDF:49.0/22

+ sign -0.050+/-0.018 χ^2/NDF: 75.2/56

All: -0.066+/-0.013 χ^2/NDF: 171.1/113

- sign -0.083+/-0.019 χ^2/NDF: 94.3/56

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.135+/-0.067 χ^2/NDF: 51.0/31

Left Out: -0.018+/-0.027 χ^2/NDF:29.0/24

Right Out: -0.167+/-0.071 χ^2/NDF: 83.3/33

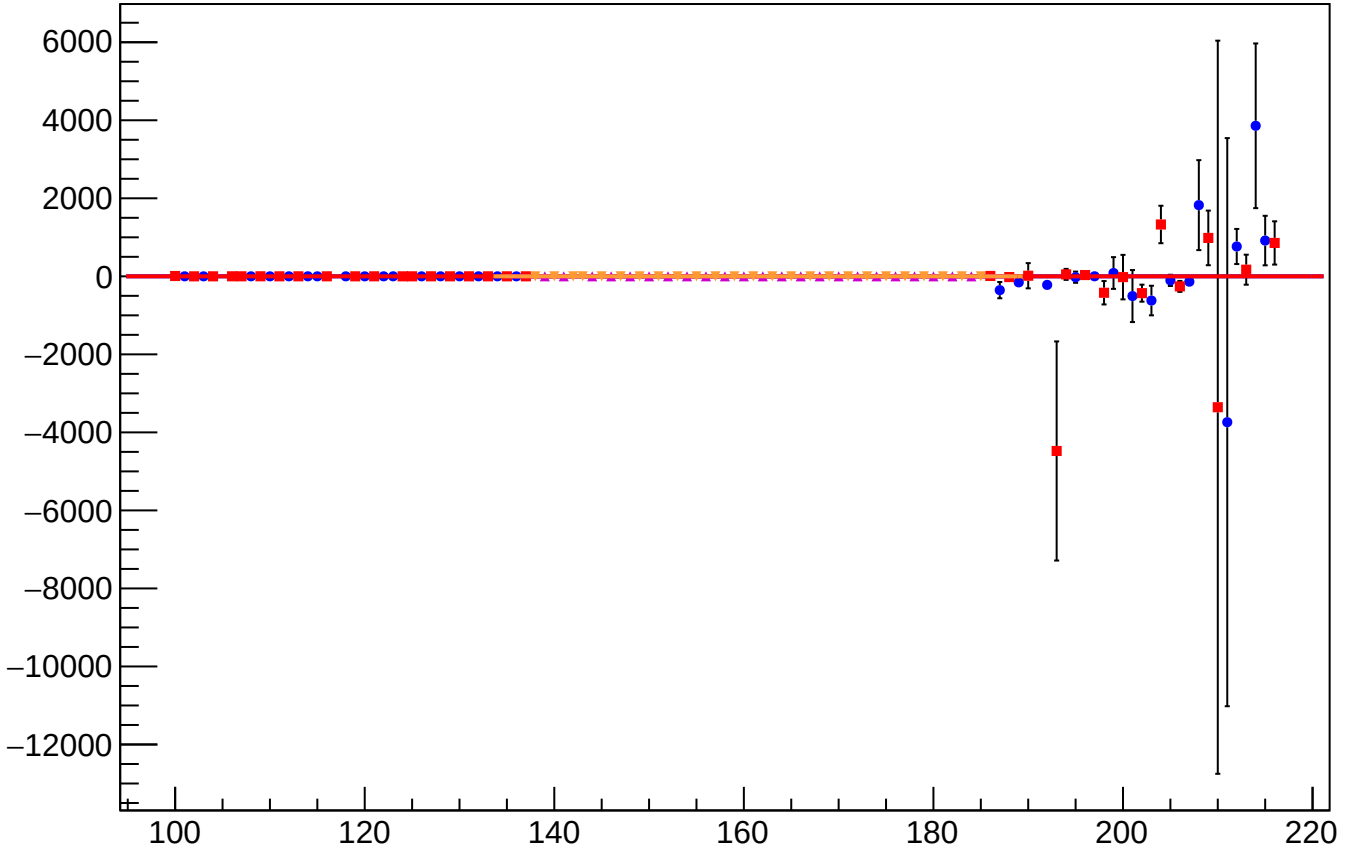
Left In: -0.033+/-0.027 χ^2/NDF:28.5/22

+ sign -0.035+/-0.025 χ^2/NDF: 82.6/56

All: -0.042+/-0.018 χ^2/NDF: 197.7/113

- sign -0.050+/-0.026 χ^2/NDF: 114.9/56

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.018+/-0.043 χ^2/NDF: 49.2/31

Left Out: 0.063+/-0.024 χ^2/NDF:24.6/24

Right Out: 0.144+/-0.045 χ^2/NDF: 41.3/33

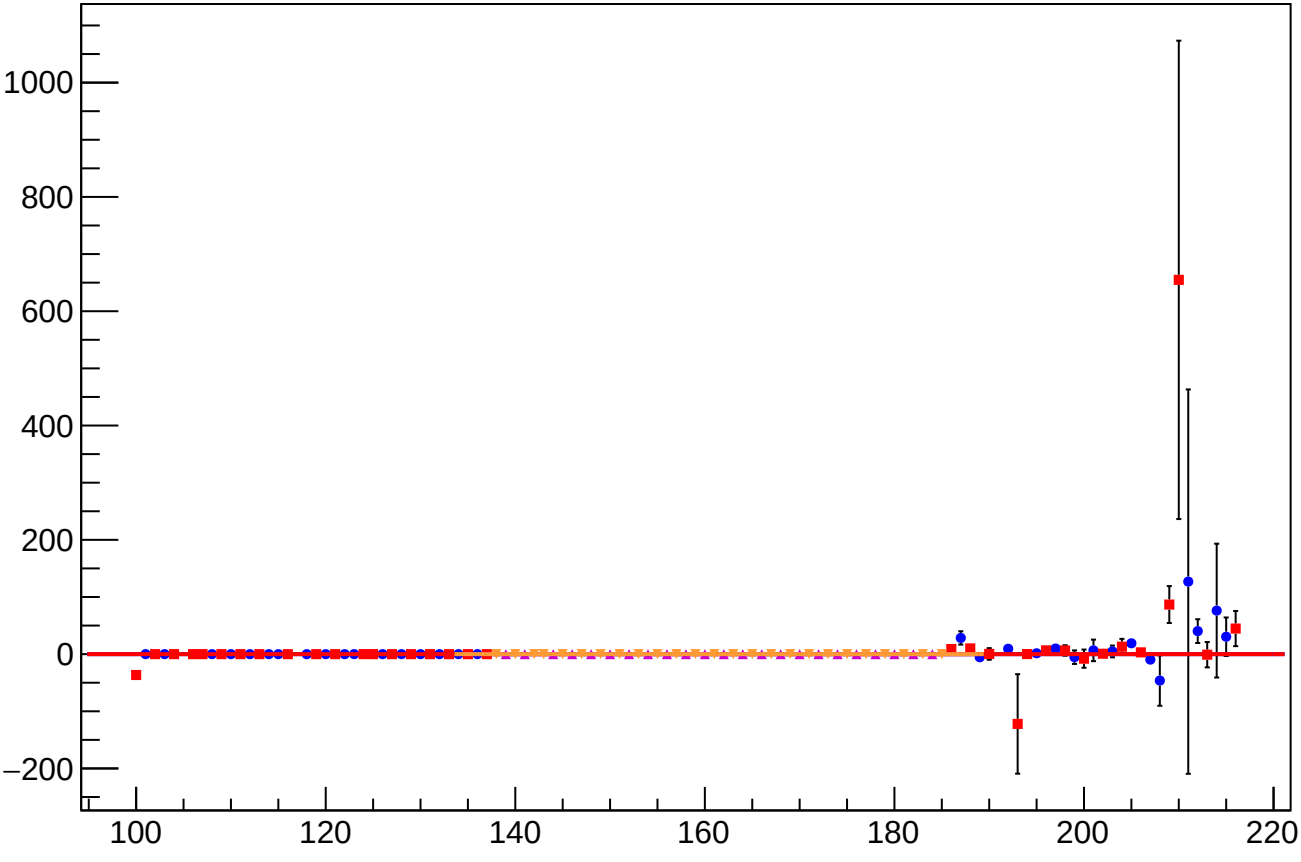
Left In: 0.069+/-0.025 χ^2/NDF:51.8/22

+ sign 0.052+/-0.021 χ^2/NDF: 74.6/56

All: 0.069+/-0.015 χ^2/NDF: 171.1/113

- sign 0.086+/-0.022 χ^2/NDF: 95.3/56

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 69.2/31

Left Out: 0.008+/-0.001 χ^2/NDF:26.3/24

Right Out: 0.001+/-0.002 χ^2/NDF: 10486.1/33

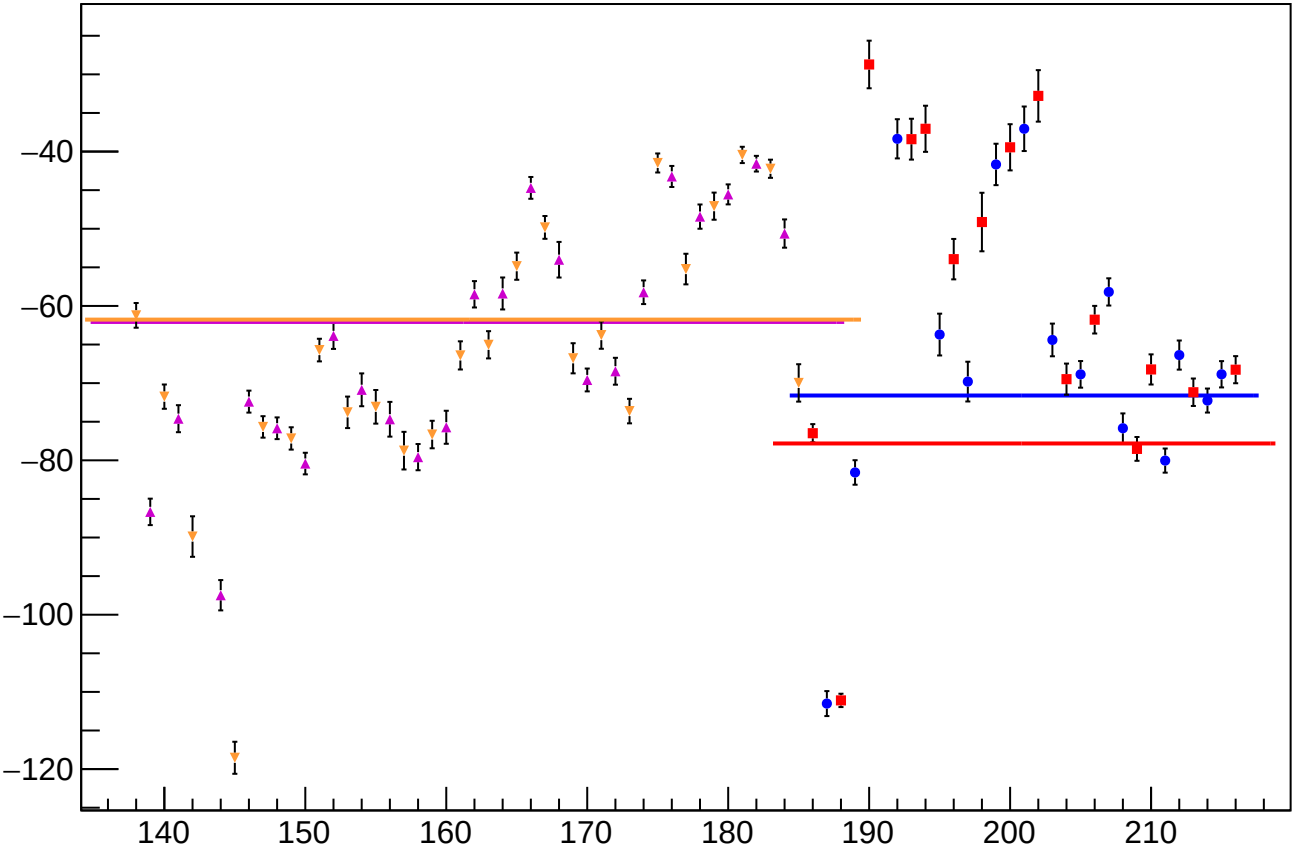
Left In: 0.009+/-0.001 χ^2/NDF:15.0/22

+ sign 0.007+/-0.001 χ^2/NDF: 103.6/56

All: 0.007+/-0.001 χ^2/NDF: 10615.1/113

- sign 0.007+/-0.001 χ^2/NDF: 10511.5/56

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -71.604+/-0.495 χ^2/NDF: 1213.2/14

Left Out: -61.771+/-0.334 χ^2/NDF:2504.9/23

Right Out: -77.816+/-0.460 χ^2/NDF: 2798.9/14

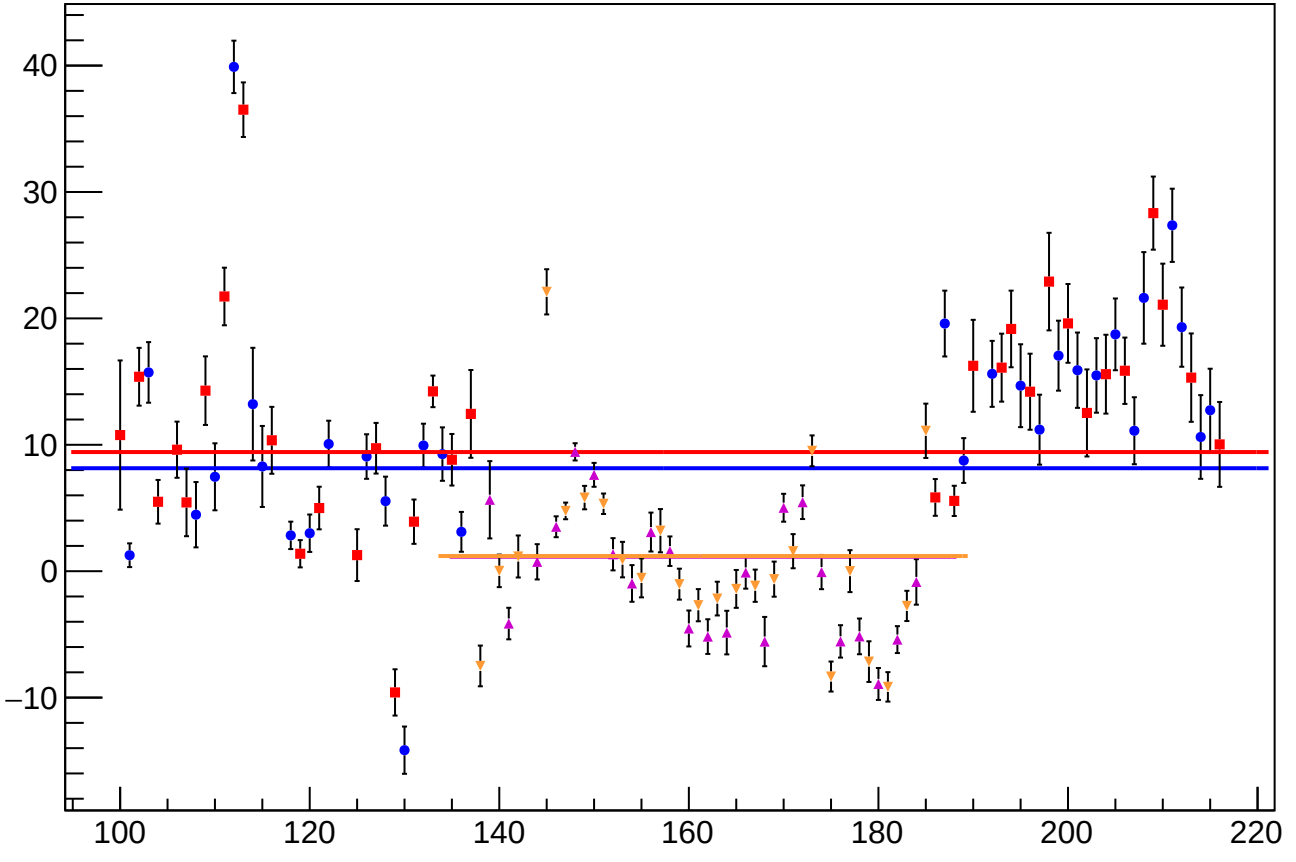
Left In: -62.073+/-0.332 χ^2/NDF:2192.0/22

+ sign -64.846+/-0.277 χ^2/NDF: 3989.3/38

All: -66.191+/-0.193 χ^2/NDF: 9794.9/76

- sign -67.465+/-0.269 χ^2/NDF: 5759.5/37

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 8.147+/-0.369 χ^2/NDF: 639.1/30

Left Out: 1.198+/-0.253 χ^2/NDF:526.3/23

Right Out: 9.425+/-0.369 χ^2/NDF: 547.0/32

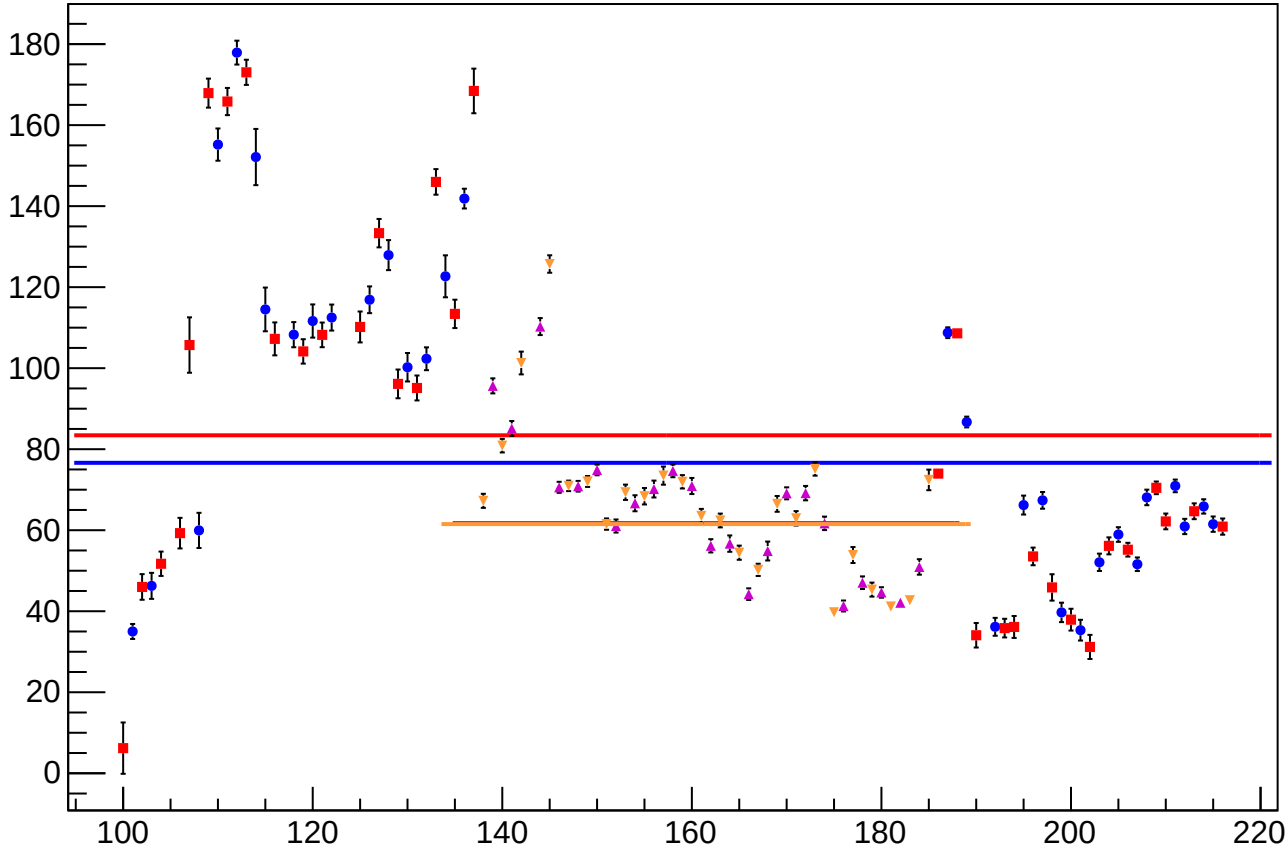
Left In: 1.146+/-0.255 χ^2/NDF:462.9/22

+ sign 3.417+/-0.208 χ^2/NDF: 1407.2/54

All: 3.623+/-0.148 χ^2/NDF: 2760.0/110

- sign 3.831+/-0.210 χ^2/NDF: 1350.9/55

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 76.639+/-0.407 χ^2/NDF: 6076.4/30

Left Out: 61.512+/-0.332 χ^2/NDF:2606.0/23

Right Out: 83.432+/-0.368 χ^2/NDF: 7752.5/32

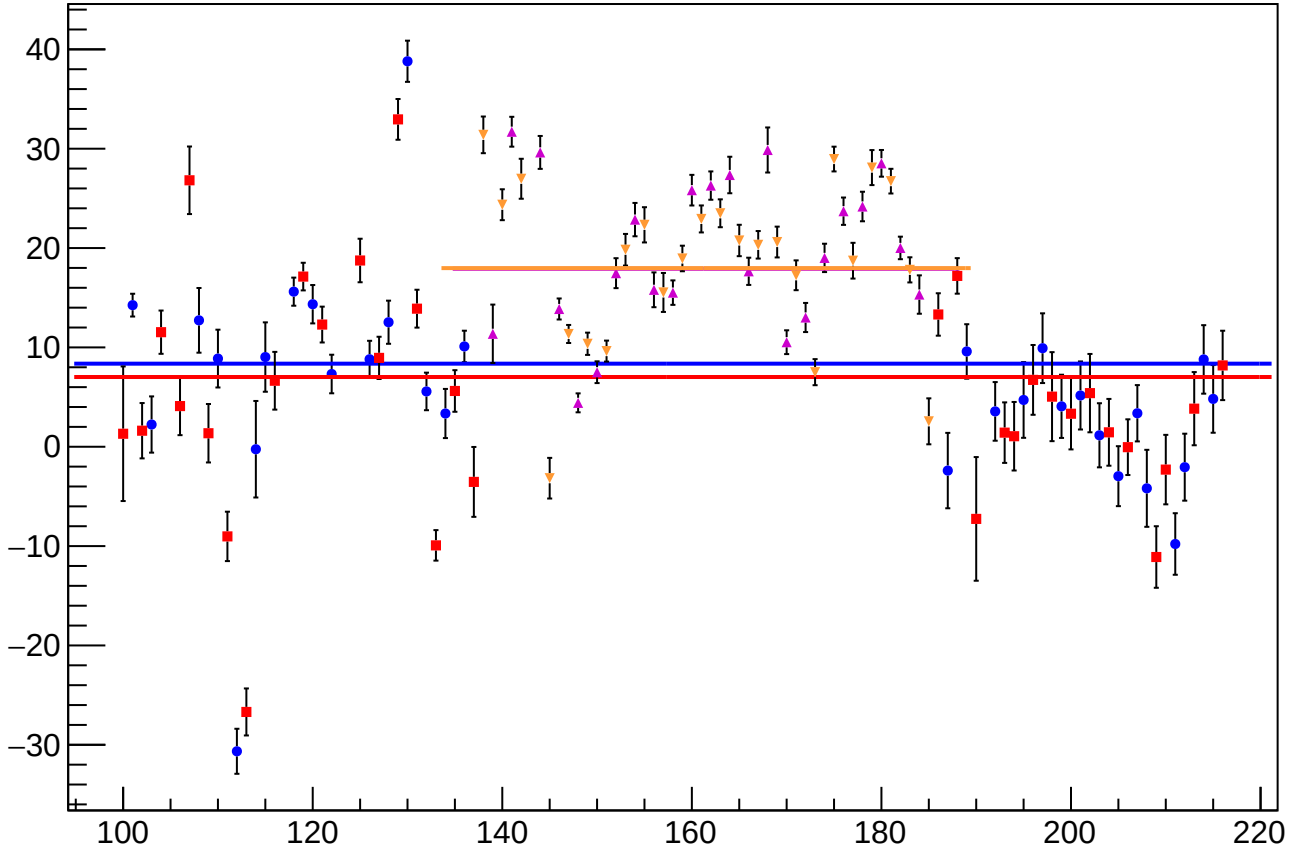
Left In: 61.762+/-0.330 χ^2/NDF:2418.2/22

+ sign 67.556+/-0.258 χ^2/NDF: 9510.2/54

All: 69.576+/-0.178 χ^2/NDF: 21719.7/110

- sign 71.415+/-0.246 χ^2/NDF: 12091.9/55

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 8.363+/-0.429 χ^2/NDF: 687.9/30

Left Out: 17.980+/-0.291 χ^2/NDF:674.4/23

Right Out: 7.020+/-0.438 χ^2/NDF: 792.6/32

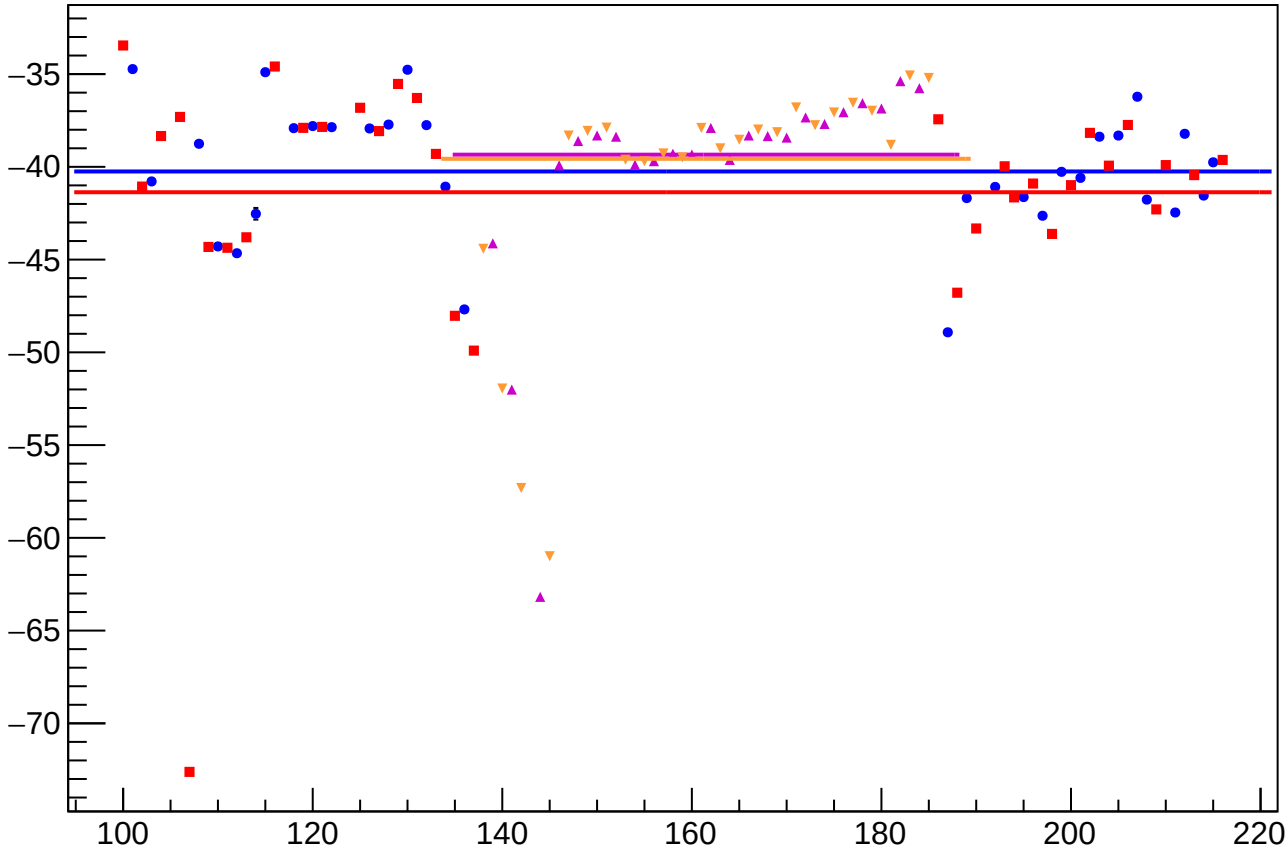
Left In: 17.916+/-0.292 χ^2/NDF:726.5/22

+ sign 14.949+/-0.241 χ^2/NDF: 1706.9/54

All: 14.754+/-0.171 χ^2/NDF: 3655.9/110

- sign 14.555+/-0.243 χ^2/NDF: 1947.7/55

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.249+/-0.021 χ^2/NDF: 29898.2/30

Left Out: -39.566+/-0.014 χ^2/NDF:141198.7/23

Right Out: -41.369+/-0.021 χ^2/NDF: 68787.1/32

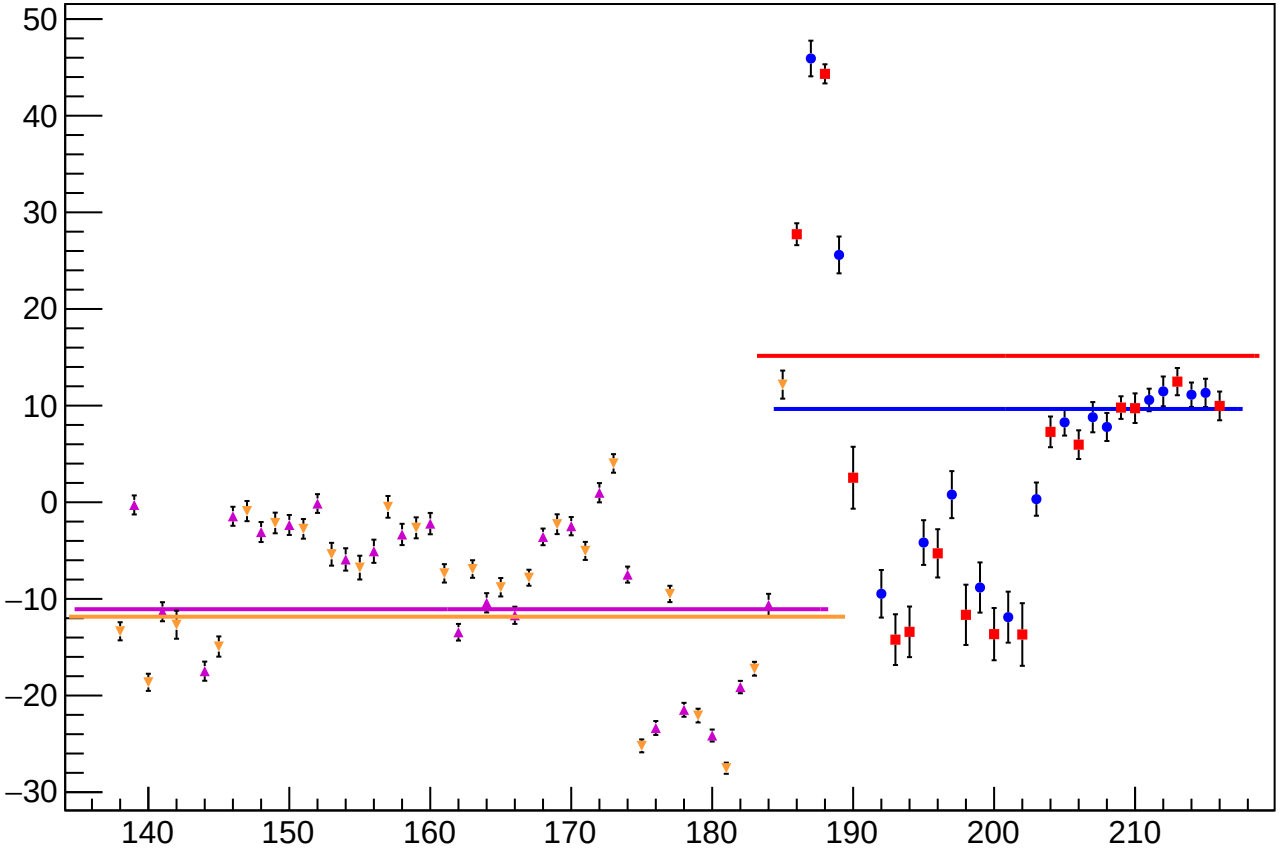
Left In: -39.344+/-0.014 χ^2/NDF:116615.7/22

+ sign -39.767+/-0.012 χ^2/NDF: 171825.1/54

All: -39.850+/-0.008 χ^2/NDF: 363765.7/110

- sign -39.931+/-0.011 χ^2/NDF: 191838.7/55

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 9.655+/-0.431 χ^2/NDF: 720.0/14

Left Out: -11.842+/-0.187 χ^2/NDF:2739.8/23

Right Out: 15.150+/-0.421 χ^2/NDF: 1696.5/14

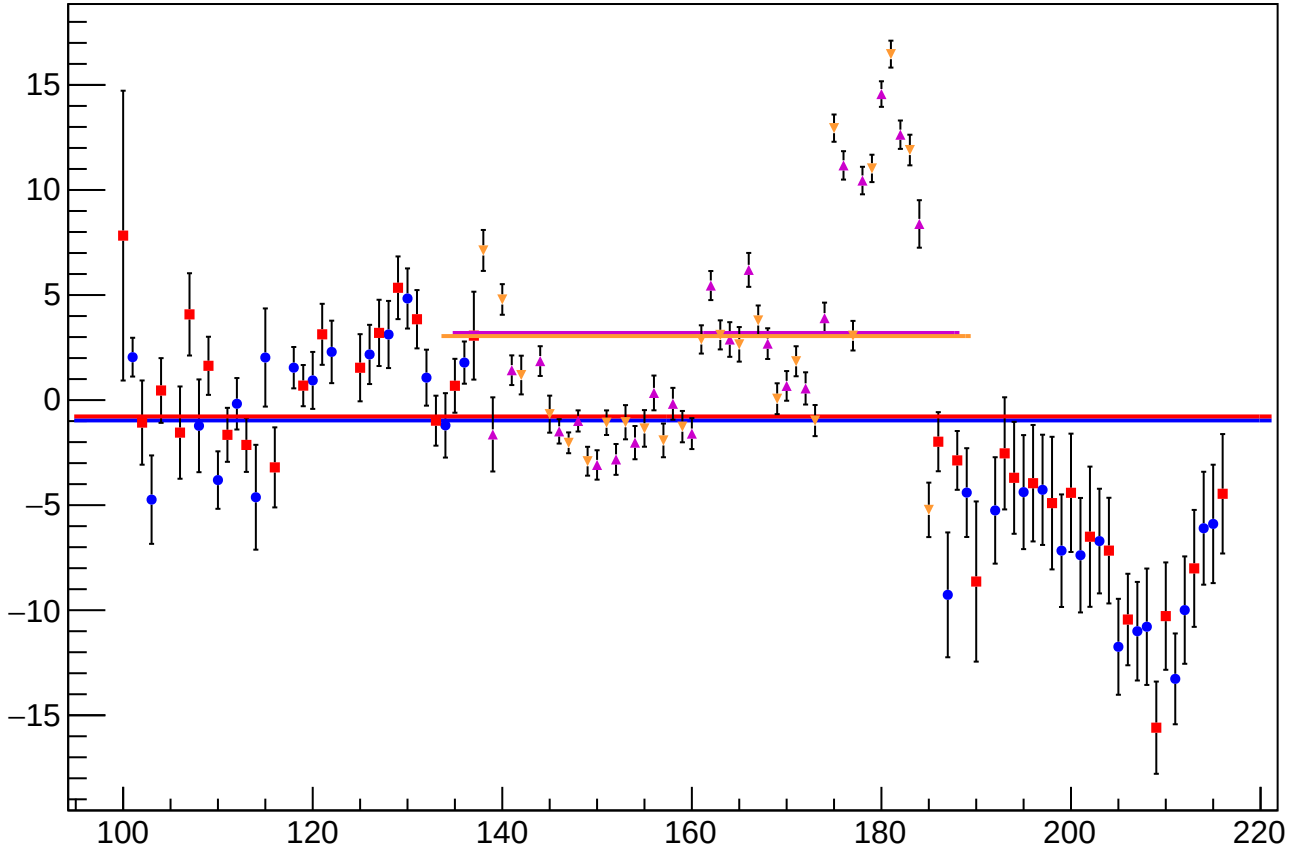
Left In: -11.067+/-0.188 χ^2/NDF:2104.8/22

\+ sign -8.440+/-0.171 χ^2/NDF: 5555.3/38

All: -7.577+/-0.121 χ^2/NDF: 12639.8/76

\- sign -6.711+/-0.172 χ^2/NDF: 7033.7/37

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: -0.967+/-0.303 χ^2/NDF: 210.9/30

Left Out: 3.047+/-0.148 χ^2/NDF:1457.2/23

Right Out: -0.778+/-0.304 χ^2/NDF: 175.8/32

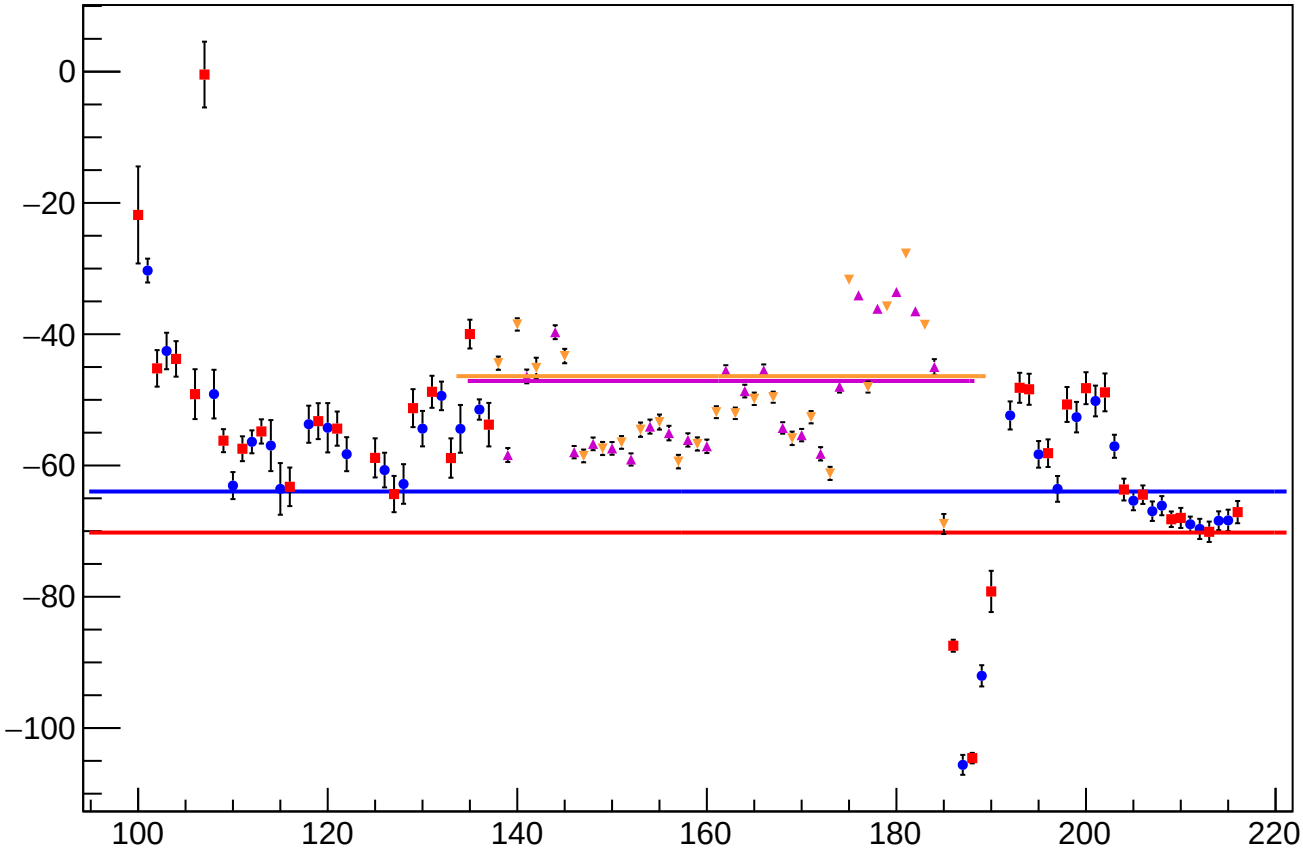
Left In: 3.194+/-0.150 χ^2/NDF:1295.0/22

+ sign 2.275+/-0.133 χ^2/NDF: 1809.8/54

All: 2.346+/-0.095 χ^2/NDF: 3418.1/110

- sign 2.419+/-0.135 χ^2/NDF: 1607.8/55

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -63.964+/-0.348 χ^2/NDF: 1818.9/30

Left Out: -46.392+/-0.187 χ^2/NDF:3286.7/23

Right Out: -70.219+/-0.328 χ^2/NDF: 3736.0/32

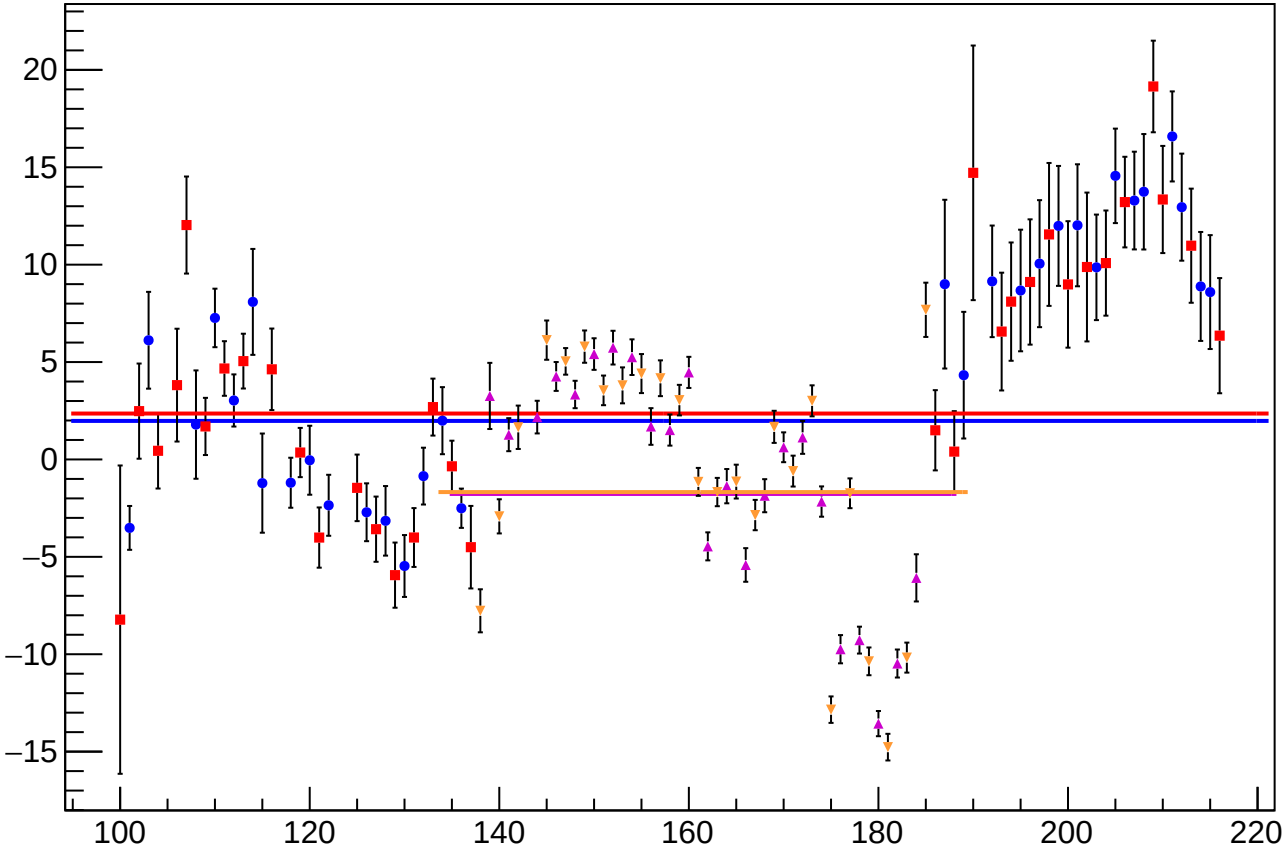
Left In: -47.128+/-0.187 χ^2/NDF:2516.0/22

+ sign -50.323+/-0.164 χ^2/NDF: 7090.2/54

All: -51.576+/-0.116 χ^2/NDF: 17196.6/110

- sign -52.802+/-0.163 χ^2/NDF: 9991.4/55

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 1.978+/-0.343 χ^2/NDF: 304.6/30

Left Out: -1.675+/-0.167 χ^2/NDF:1483.8/23

Right Out: 2.357+/-0.350 χ^2/NDF: 256.3/32

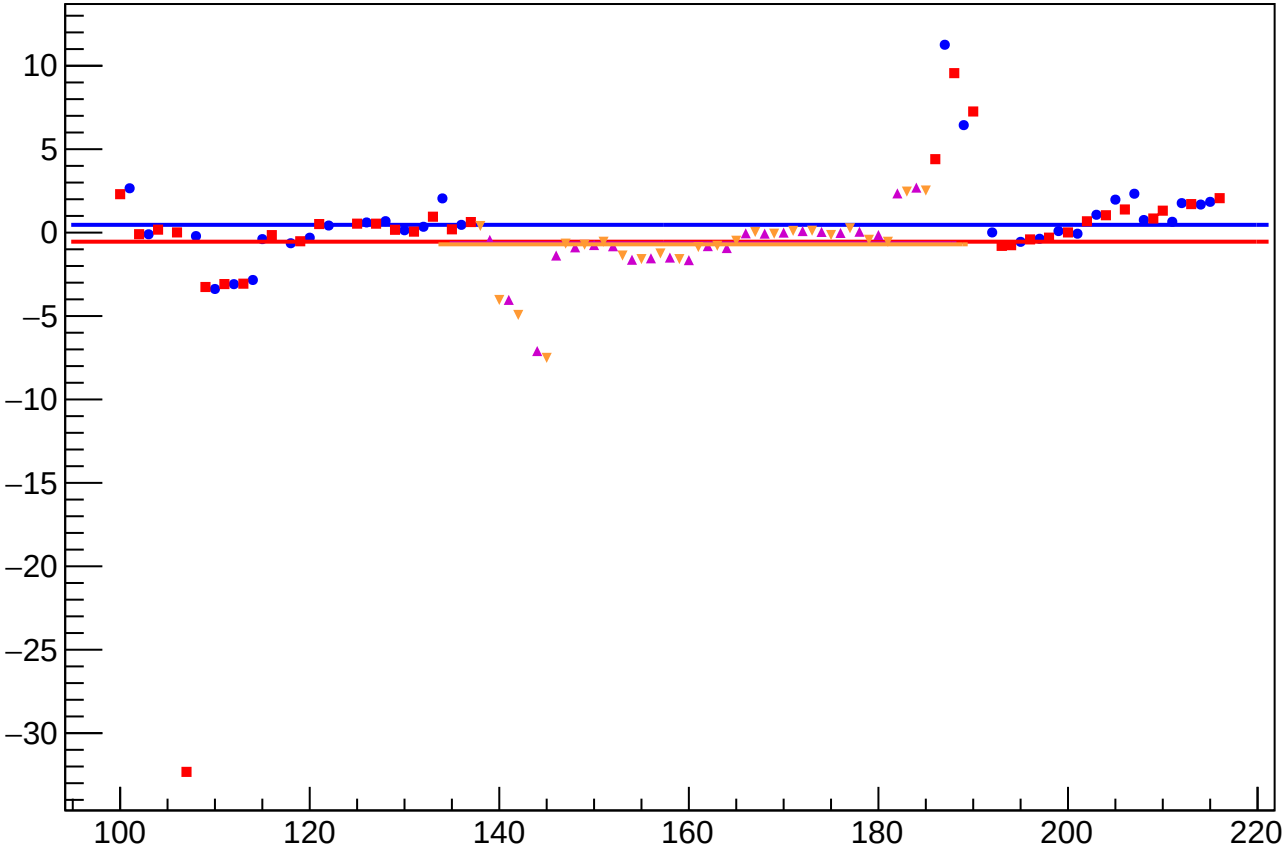
Left In: -1.771+/-0.169 χ^2/NDF:1251.3/22

+ sign -0.977+/-0.150 χ^2/NDF: 1879.9/54

All: -0.984+/-0.107 χ^2/NDF: 3500.2/110

- sign -0.992+/-0.152 χ^2/NDF: 1620.3/55

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.466+/-0.017 χ^2/NDF: 10227.4/30

Left Out: -0.702+/-0.008 χ^2/NDF:53834.9/23

Right Out: -0.544+/-0.017 χ^2/NDF: 94285.1/32

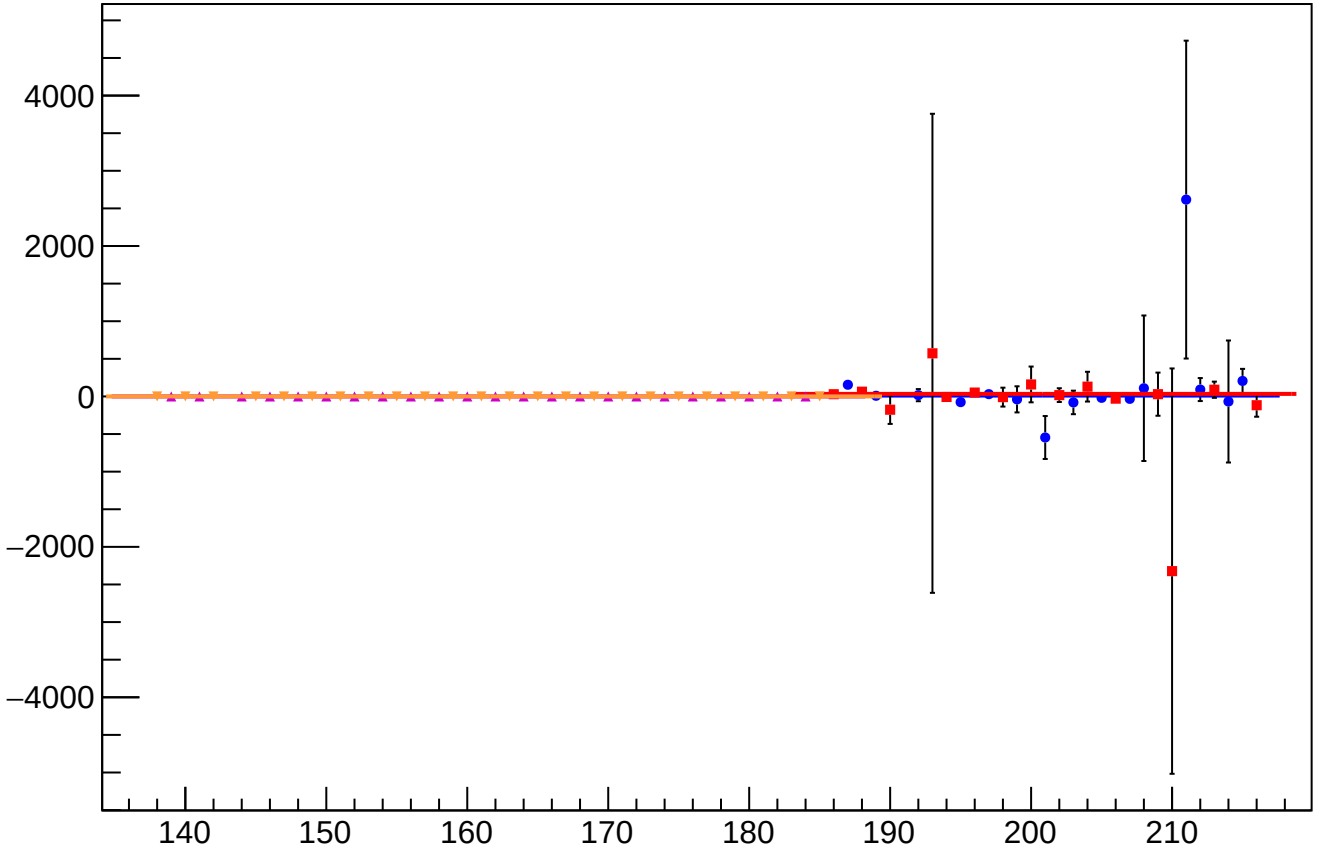
Left In: -0.644+/-0.008 χ^2/NDF:44169.2/22

+ sign -0.510+/-0.007 χ^2/NDF: 67898.0/54

All: -0.568+/-0.005 χ^2/NDF: 206521.4/110

- sign -0.628+/-0.007 χ^2/NDF: 138482.1/55

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 11.660+/-15.071 χ^2/NDF: 22.7/14

Left Out: -0.037+/-0.018 χ^2/NDF:35.4/23

Right Out: 33.801+/-9.613 χ^2/NDF: 8.6/14

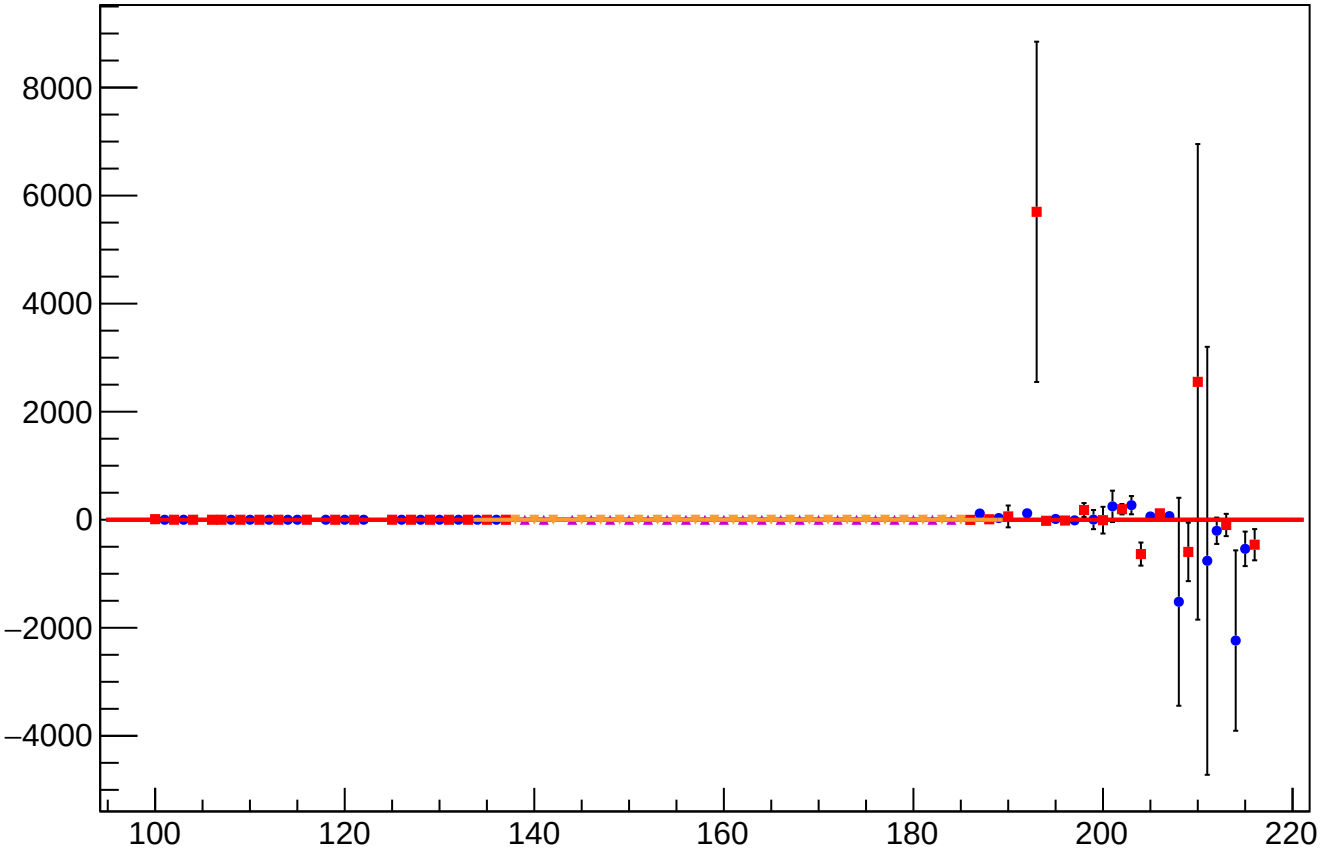
Left In: -0.010+/-0.018 χ^2/NDF:35.1/22

+ sign -0.037+/-0.018 χ^2/NDF: 58.7/38

All: -0.024+/-0.013 χ^2/NDF: 115.9/76

- sign -0.010+/-0.018 χ^2/NDF: 56.1/37

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013+/-0.023 χ^2/NDF: 29.5/30

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.088+/-0.025 χ^2/NDF: 39.1/32

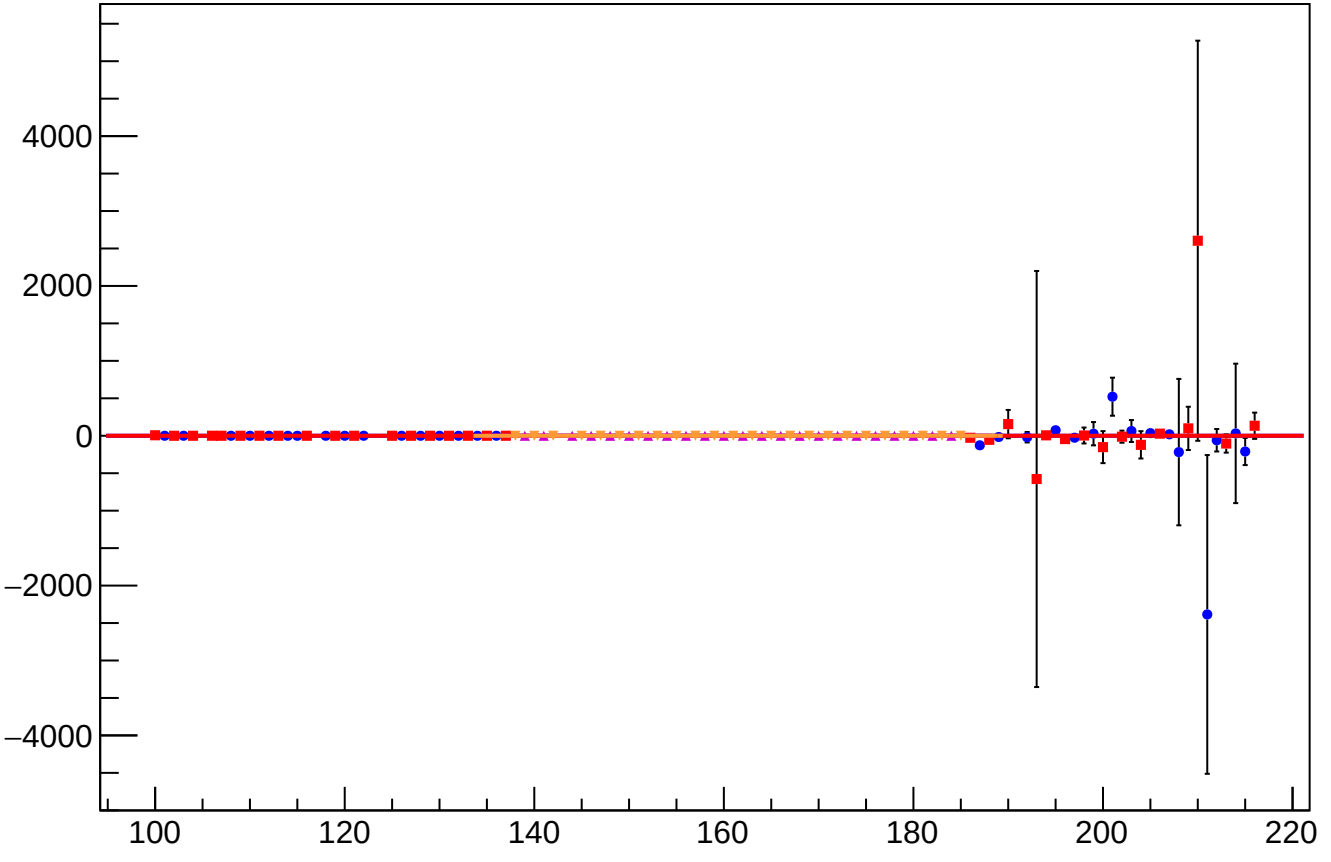
Left In: -0.064+/-0.014 χ^2/NDF:41.1/22

+ sign -0.057+/-0.012 χ^2/NDF: 62.0/54

All: -0.063+/-0.009 χ^2/NDF: 143.4/110

- sign -0.070+/-0.012 χ^2/NDF: 80.9/55

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.016+/-0.043 χ^2/NDF: 32.9/30

Left Out: 0.035+/-0.018 χ^2/NDF:32.2/23

Right Out: 0.031+/-0.045 χ^2/NDF: 33.0/32

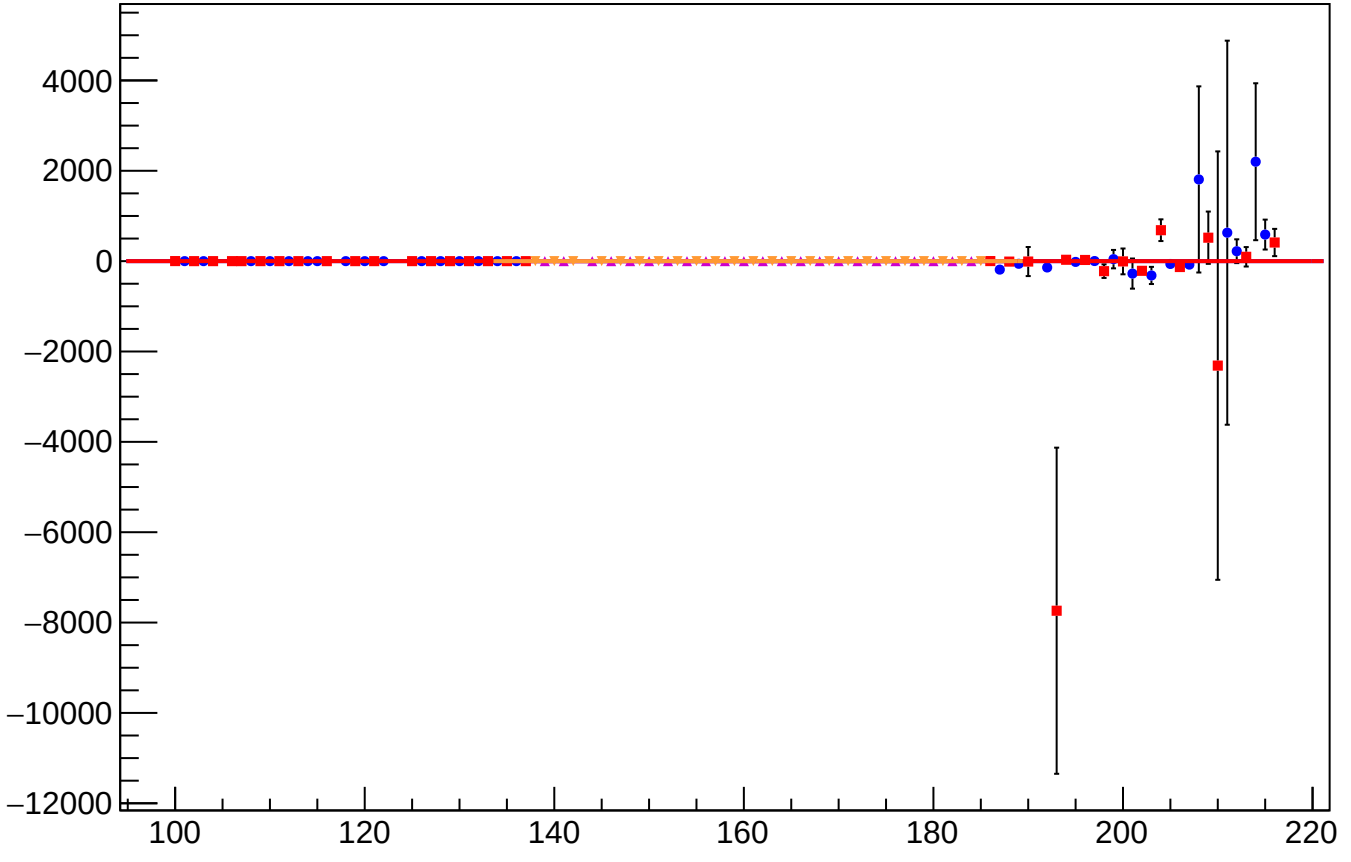
Left In: -0.009+/-0.018 χ^2/NDF:36.8/22

+ sign 0.032+/-0.017 χ^2/NDF: 65.3/54

All: 0.015+/-0.012 χ^2/NDF: 138.1/110

- sign -0.003+/-0.017 χ^2/NDF: 70.5/55

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.008+/-0.027 χ^2/NDF: 30.9/30

Left Out: 0.086+/-0.016 χ^2/NDF:27.7/23

Right Out: 0.105+/-0.029 χ^2/NDF: 33.8/32

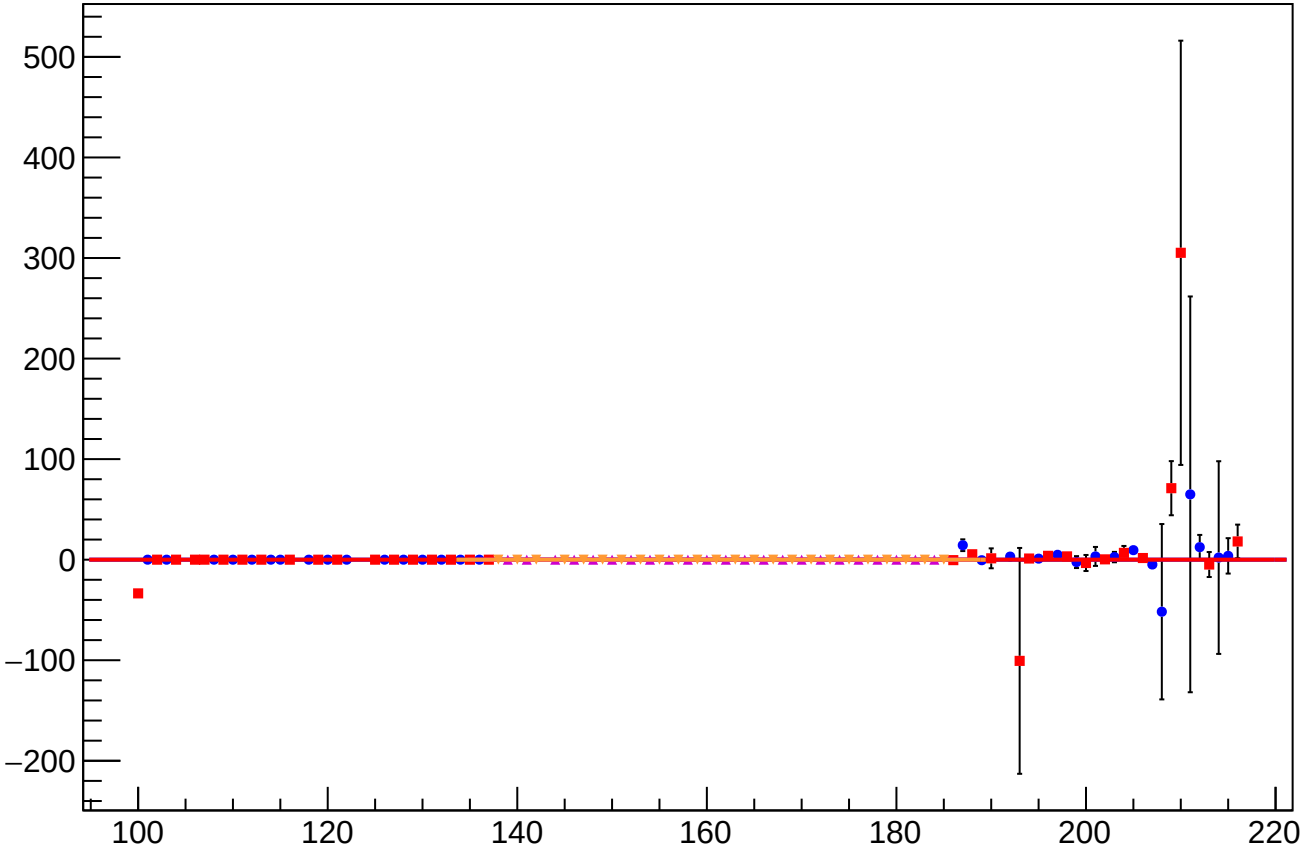
Left In: 0.070+/-0.016 χ^2/NDF:44.8/22

+ sign 0.066+/-0.014 χ^2/NDF: 64.8/54

All: 0.072+/-0.010 χ^2/NDF: 145.0/110

- sign 0.078+/-0.014 χ^2/NDF: 79.8/55

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 47.8/30

Left Out: 0.000+/-0.001 χ^2/NDF:23.6/23

Right Out: -0.006+/-0.001 χ^2/NDF: 26531.9/32

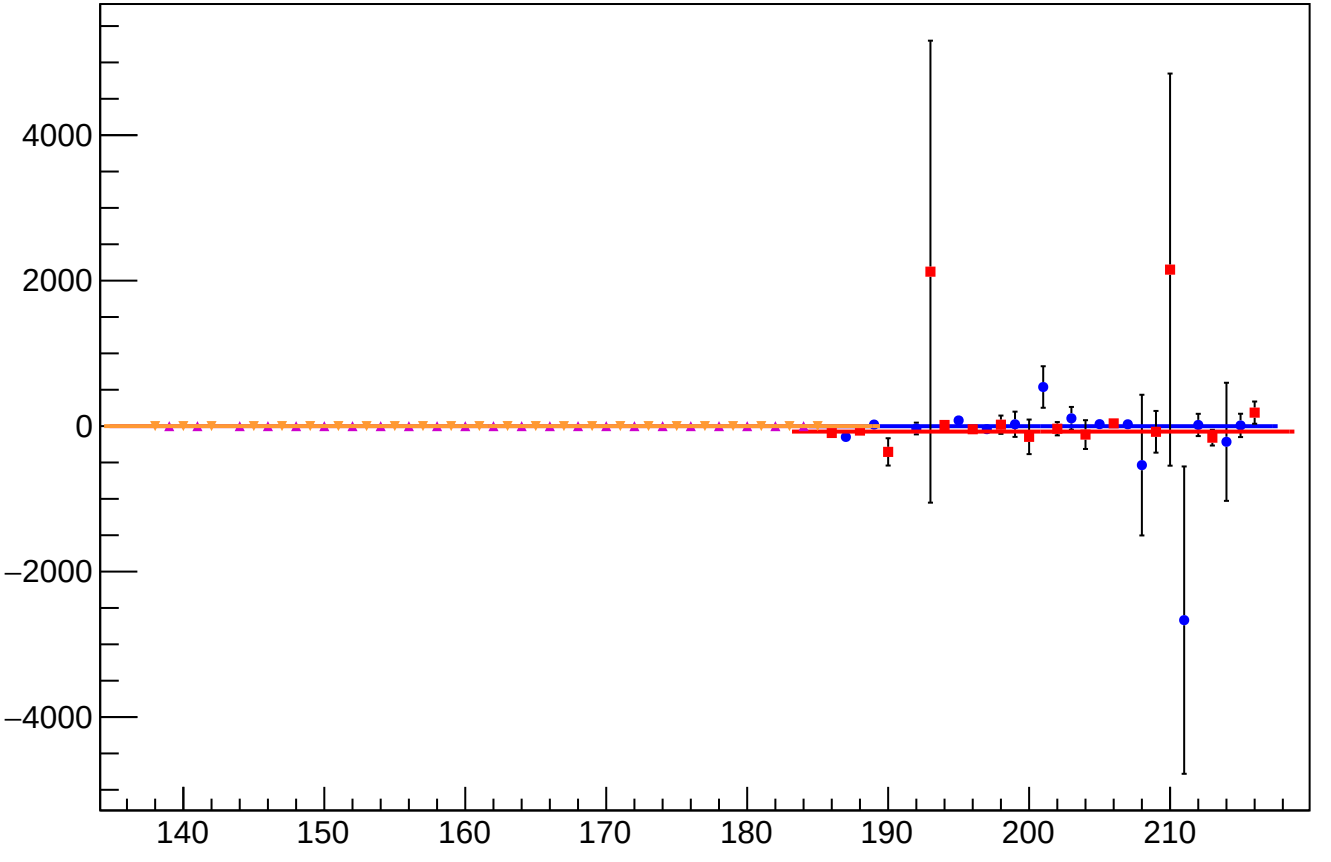
Left In: 0.000+/-0.001 χ^2/NDF:22.3/22

+ sign -0.001+/-0.001 χ^2/NDF: 84.2/54

All: -0.001+/-0.000 χ^2/NDF: 26652.5/110

- sign -0.001+/-0.001 χ^2/NDF: 26568.2/55

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -1.167+/-15.066 χ^2/NDF: 21.8/14

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -75.163+/-9.616 χ^2/NDF: 19.5/14

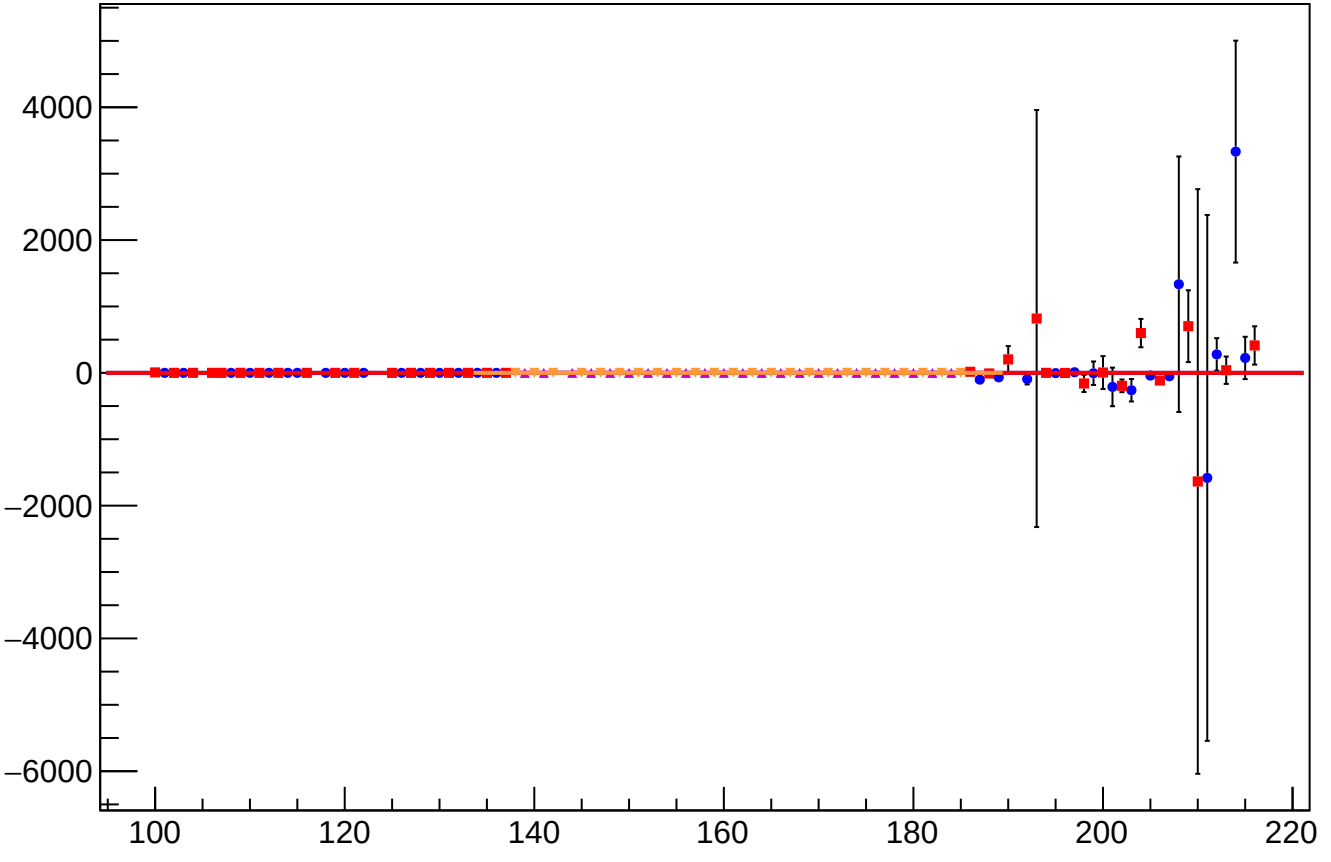
Left In: -0.009+/-0.018 χ^2/NDF:35.1/22

+ sign -0.052+/-0.018 χ^2/NDF: 59.2/38

All: -0.031+/-0.013 χ^2/NDF: 177.7/76

- sign -0.009+/-0.018 χ^2/NDF: 115.7/37

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.007+/-0.023 χ^2/NDF: 43.7/30

Left Out: -0.011+/-0.014 χ^2/NDF:29.6/23

Right Out: 0.037+/-0.025 χ^2/NDF: 51.6/32

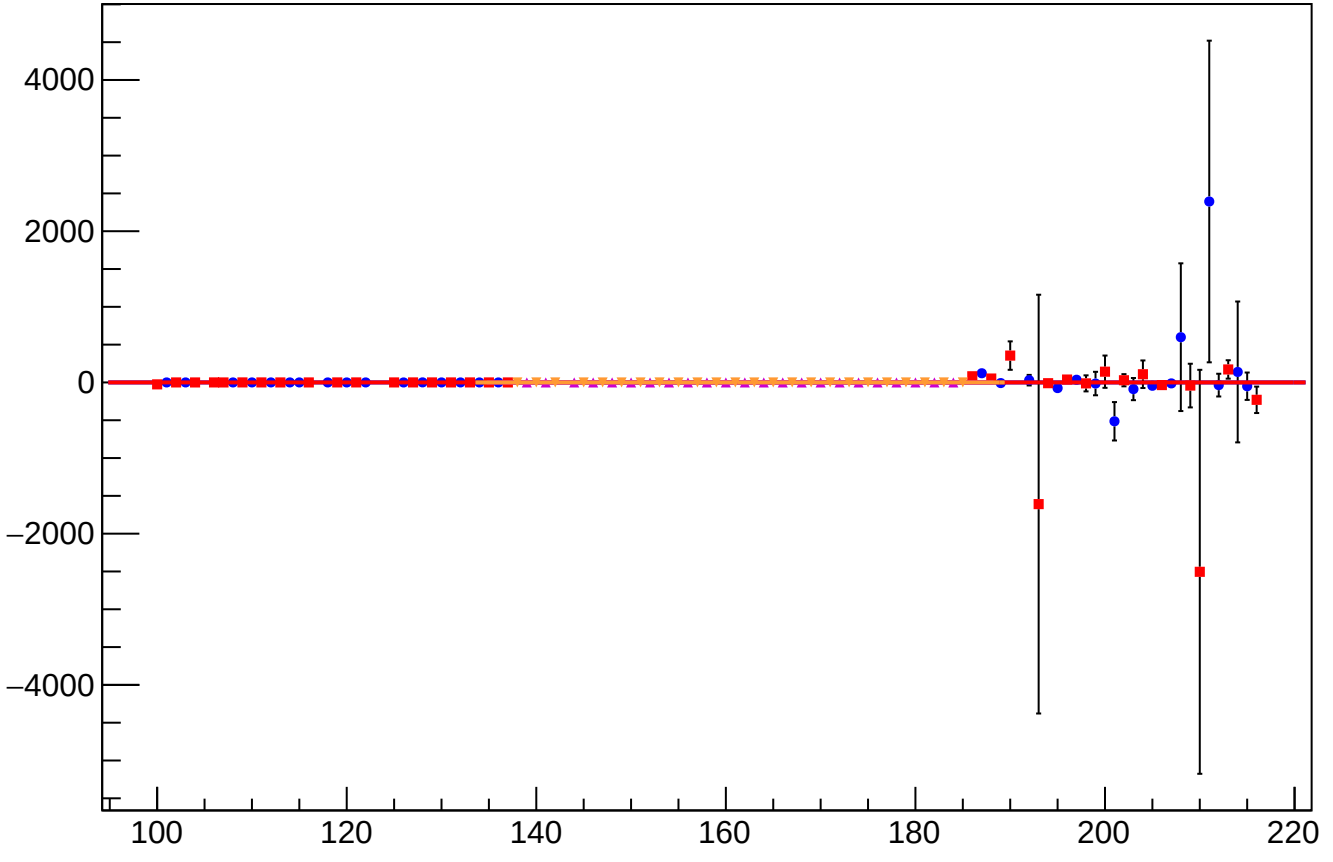
Left In: 0.005+/-0.014 χ^2/NDF:49.6/22

\+ sign -0.006+/-0.012 χ^2/NDF: 73.7/54

All: 0.003+/-0.009 χ^2/NDF: 177.3/110

\- sign 0.013+/-0.012 χ^2/NDF: 102.4/55

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.157+/-0.043 χ^2/NDF: 52.0/30

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.197+/-0.045 χ^2/NDF: 113.2/32

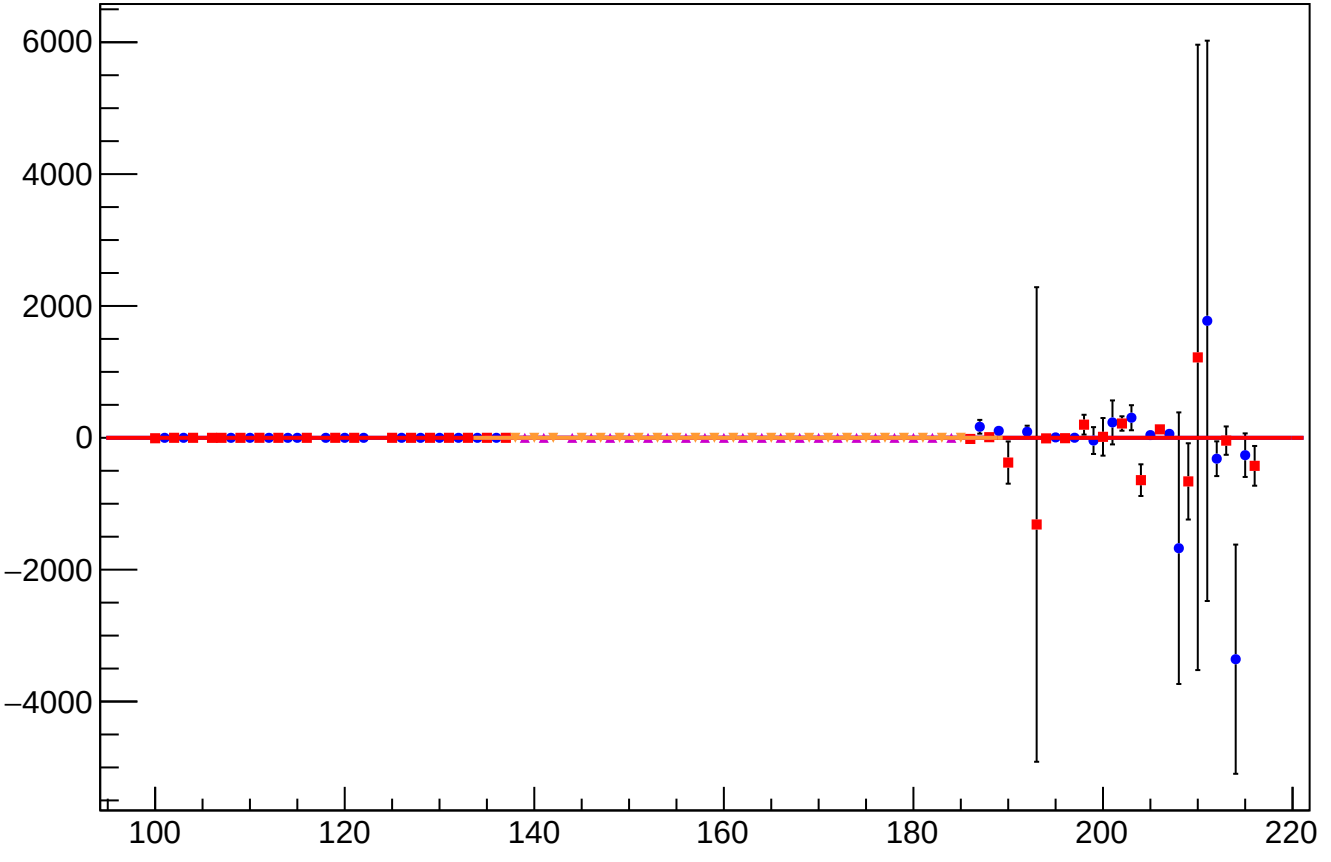
Left In: 0.020+/-0.018 χ^2/NDF:35.8/22

\+ sign 0.064+/-0.017 χ^2/NDF: 92.8/54

All: 0.054+/-0.012 χ^2/NDF: 256.0/110

\- sign 0.044+/-0.017 χ^2/NDF: 162.4/55

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.010+/-0.027 χ^2/NDF: 43.5/30

Left Out: 0.022+/-0.016 χ^2/NDF:33.3/23

Right Out: -0.046+/-0.029 χ^2/NDF: 48.0/32

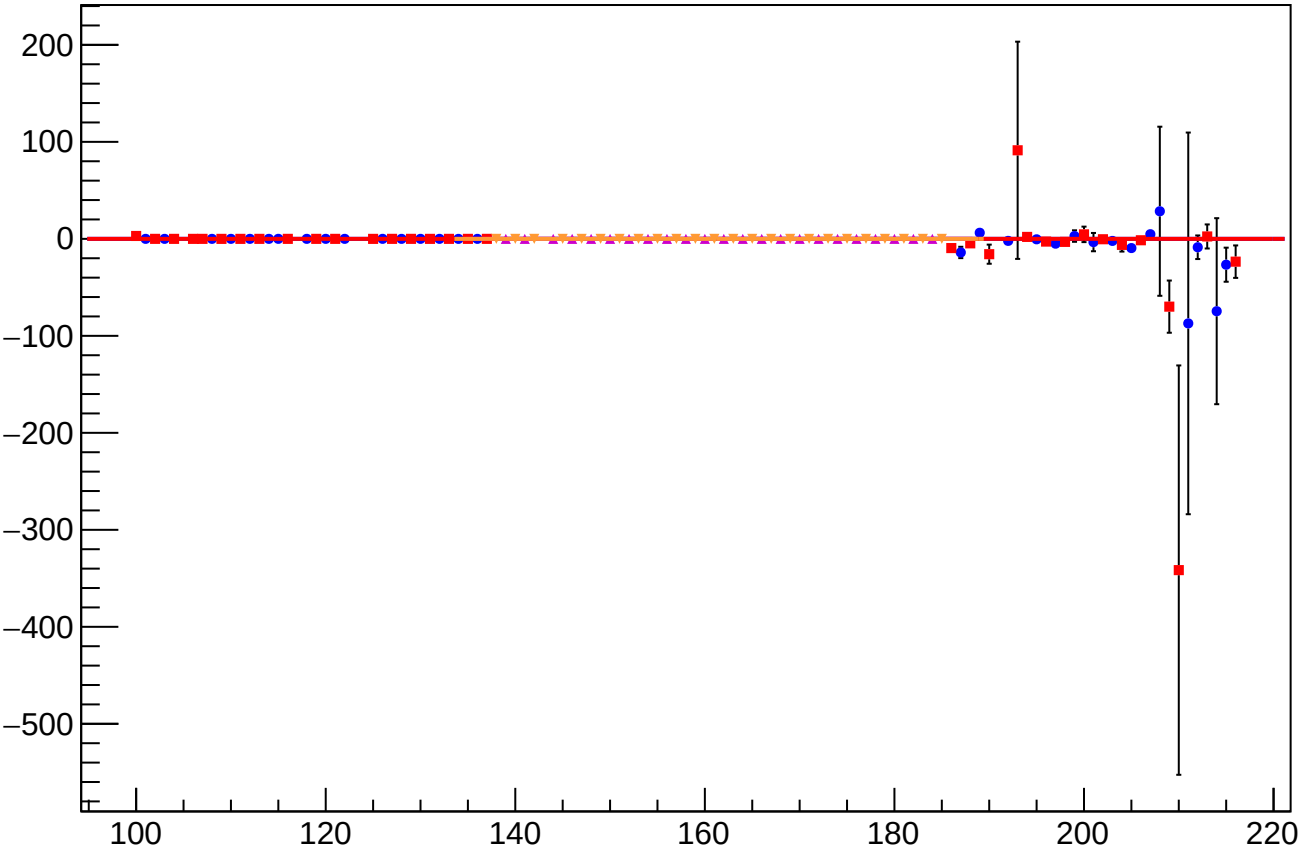
Left In: 0.006+/-0.016 χ^2/NDF:50.1/22

+ sign 0.013+/-0.014 χ^2/NDF: 77.8/54

All: 0.004+/-0.010 χ^2/NDF: 179.5/110

- sign -0.007+/-0.014 χ^2/NDF: 100.7/55

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 61.3/30

Left Out: -0.008+/-0.001 χ^2/NDF:32.0/23

Right Out: -0.006+/-0.001 χ^2/NDF: 226.2/32

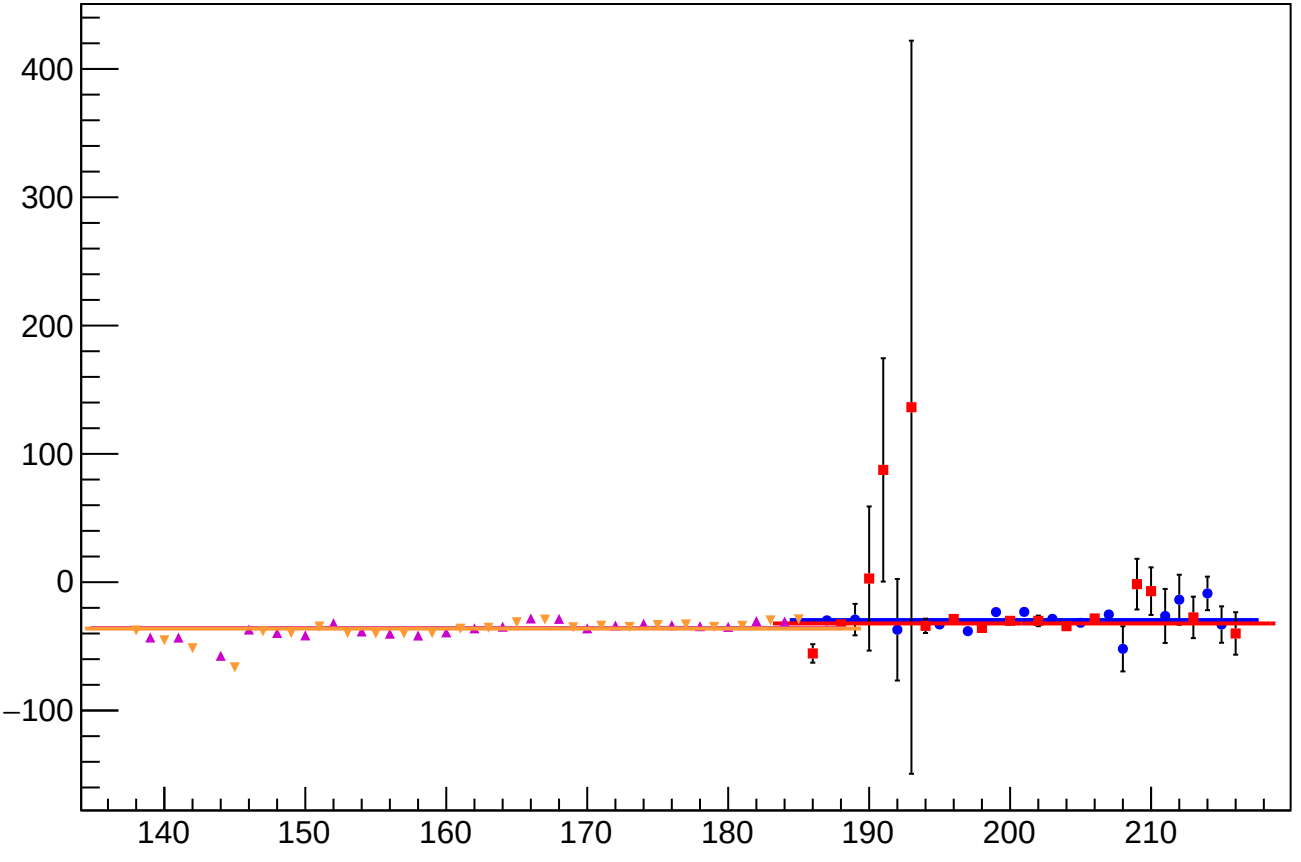
Left In: -0.009+/-0.001 χ^2/NDF:37.2/22

+ sign -0.008+/-0.001 χ^2/NDF: 95.0/54

All: -0.008+/-0.000 χ^2/NDF: 361.6/110

- sign -0.008+/-0.001 χ^2/NDF: 266.4/55

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.516+/-0.853 χ^2/NDF: 29.0/14

Left Out: -36.120+/-0.192 χ^2/NDF:1114.9/23

Right Out: -32.161+/-0.805 χ^2/NDF: 25.3/15

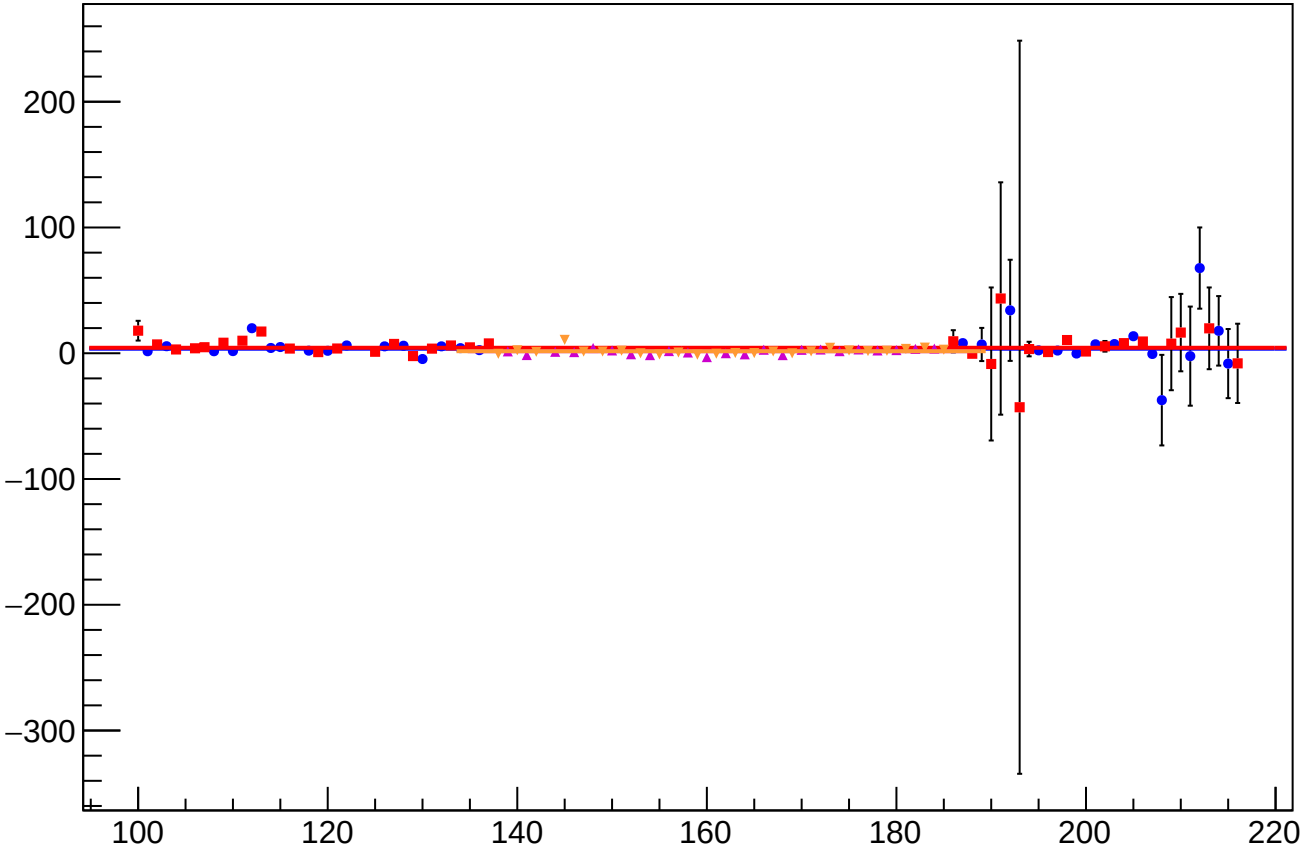
Left In: -35.779+/-0.191 χ^2/NDF:854.1/22

\+ sign -35.802+/-0.187 χ^2/NDF: 1200.9/38

All: -35.693+/-0.132 χ^2/NDF: 2100.1/77

\- sign -35.586+/-0.186 χ^2/NDF: 898.5/38

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.602+/-0.217 χ^2/NDF: 462.6/30

Left Out: 1.634+/-0.148 χ^2/NDF:166.5/23

Right Out: 4.349+/-0.221 χ^2/NDF: 369.5/33

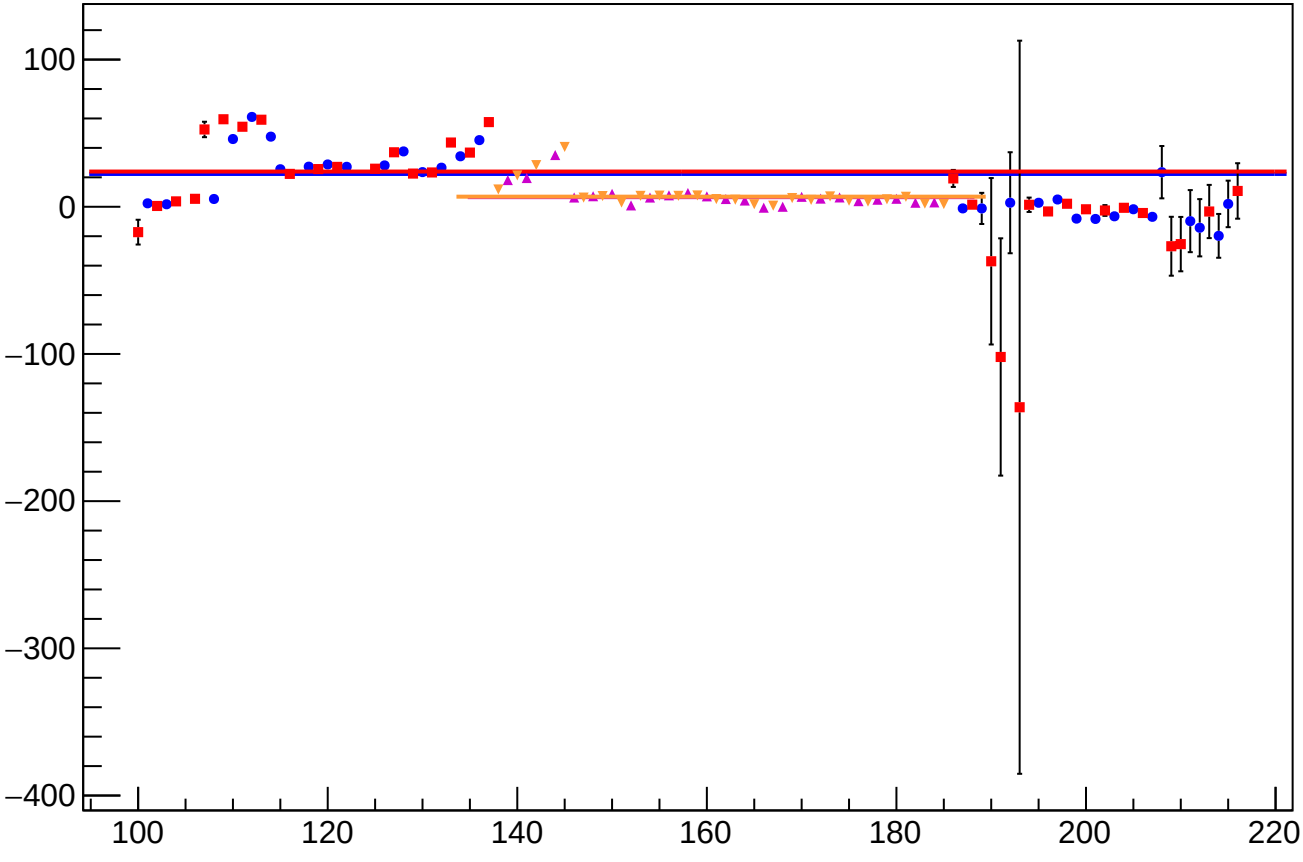
Left In: 1.641+/-0.150 χ^2/NDF:163.2/22

+ sign 2.259+/-0.122 χ^2/NDF: 685.4/54

All: 2.375+/-0.087 χ^2/NDF: 1323.3/111

- sign 2.494+/-0.124 χ^2/NDF: 636.0/56

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 22.288+/-0.370 χ^2/NDF: 2821.6/30

Left Out: 6.866+/-0.191 χ^2/NDF:1295.7/23

Right Out: 23.930+/-0.362 χ^2/NDF: 3300.0/33

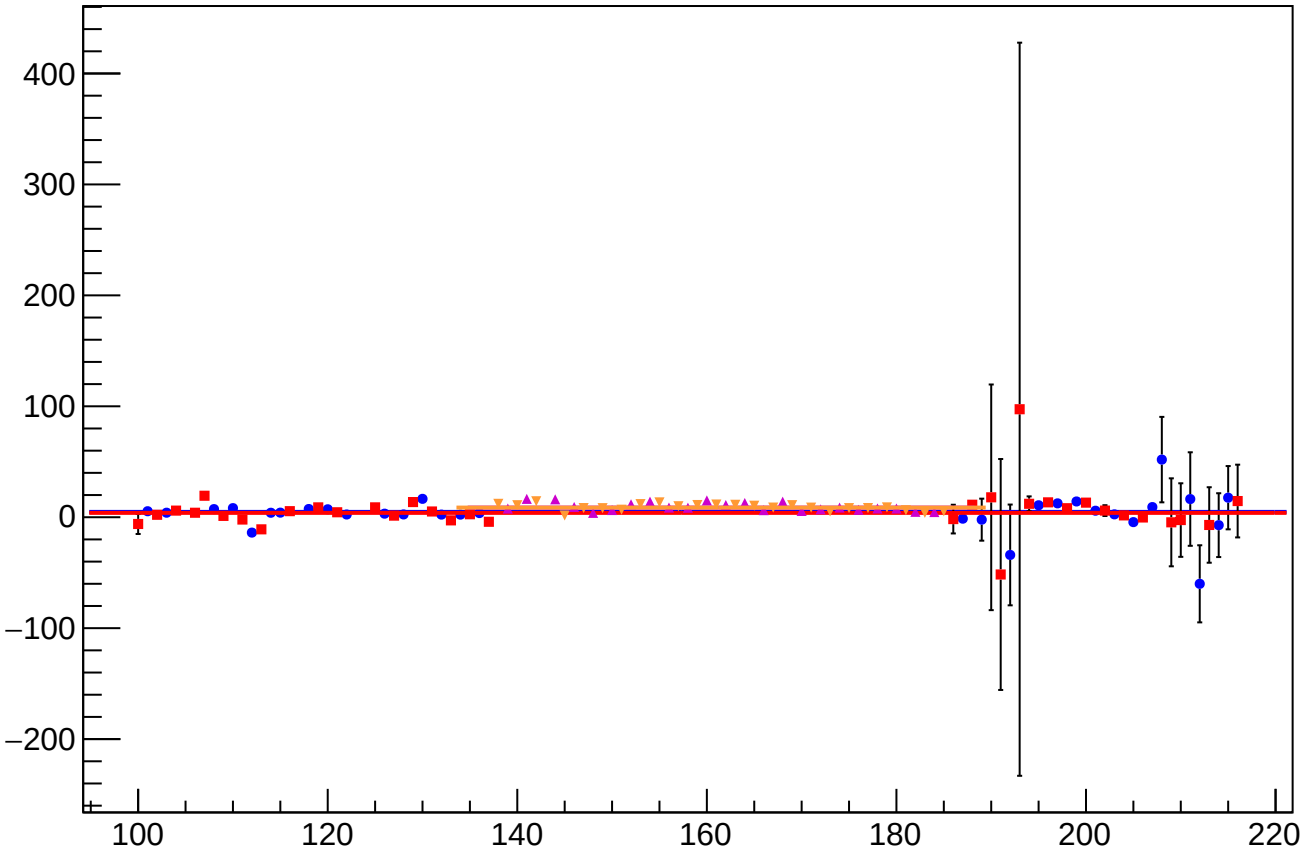
Left In: 6.537+/-0.190 χ^2/NDF:1025.1/22

+ sign 10.126+/-0.170 χ^2/NDF: 5490.0/54

All: 10.220+/-0.120 χ^2/NDF: 11627.4/111

- sign 10.312+/-0.168 χ^2/NDF: 6136.8/56

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.804+/-0.250 χ^2/NDF: 576.6/30

Left Out: 8.695+/-0.169 χ^2/NDF:241.0/23

Right Out: 3.937+/-0.254 χ^2/NDF: 589.4/33

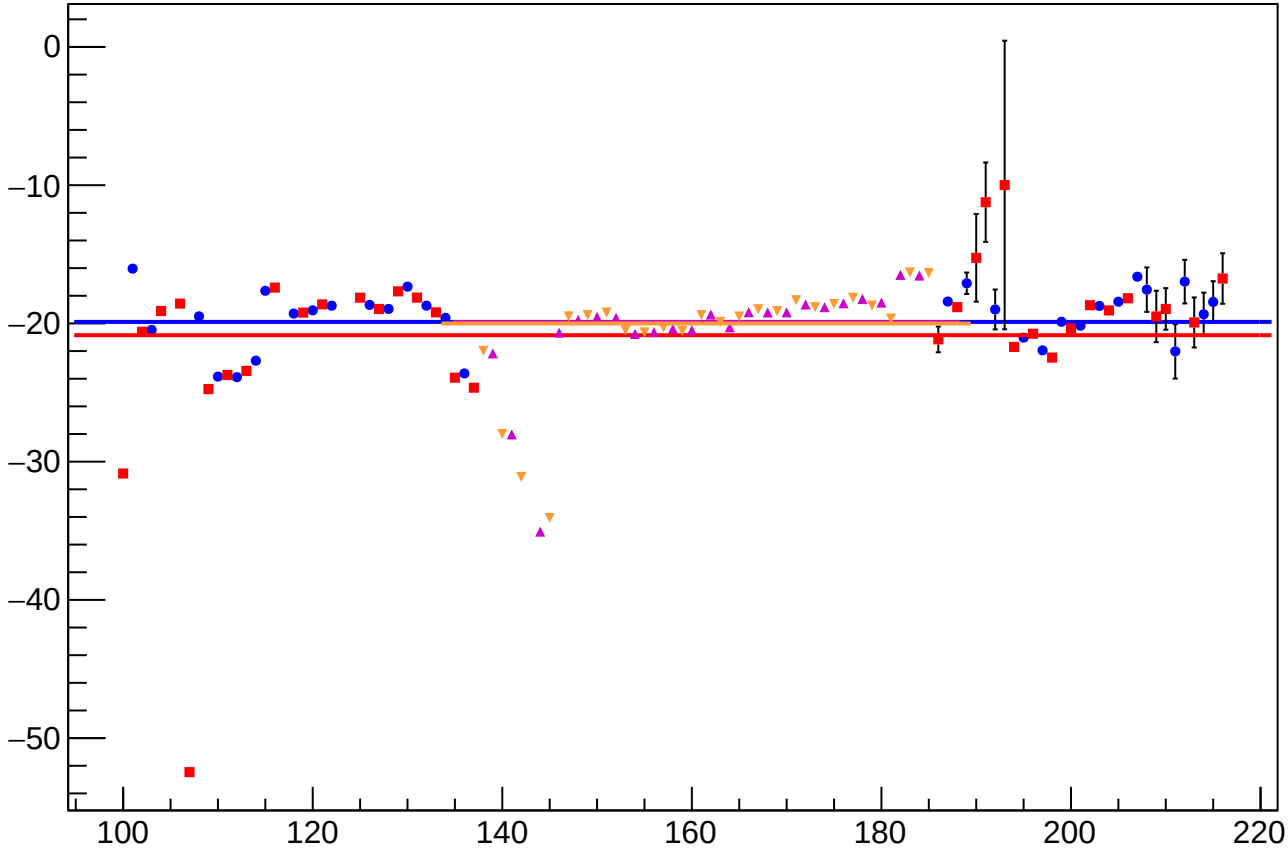
Left In: 8.668+/-0.170 χ^2/NDF:436.7/22

\+ sign 7.475+/-0.140 χ^2/NDF: 983.8/54

All: 7.341+/-0.099 χ^2/NDF: 2250.9/111

\- sign 7.205+/-0.141 χ^2/NDF: 1265.2/56

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.889+/-0.015 χ^2/NDF: 27148.7/30

Left Out: -20.006+/-0.008 χ^2/NDF:171763.9/23

Right Out: -20.851+/-0.015 χ^2/NDF: 95245.6/33

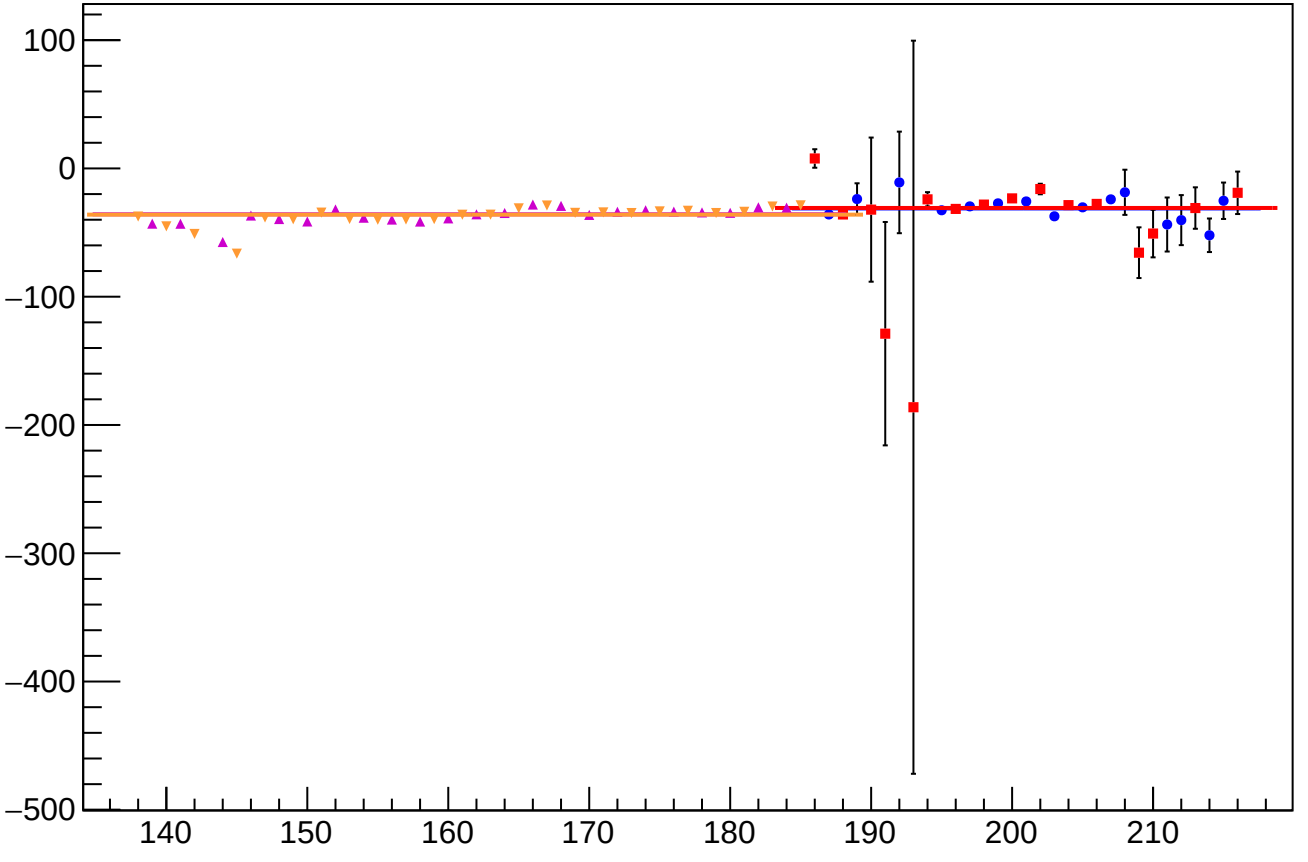
Left In: -19.898+/-0.008 χ^2/NDF:144191.9/22

+ sign -19.980+/-0.007 χ^2/NDF: 198960.7/54

All: -20.042+/-0.005 χ^2/NDF: 441751.5/111

- sign -20.104+/-0.007 χ^2/NDF: 242631.6/56

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -31.198+/-0.856 χ^2/NDF: 31.3/14

Left Out: -36.031+/-0.192 χ^2/NDF:1121.3/23

Right Out: -30.824+/-0.807 χ^2/NDF: 76.7/15

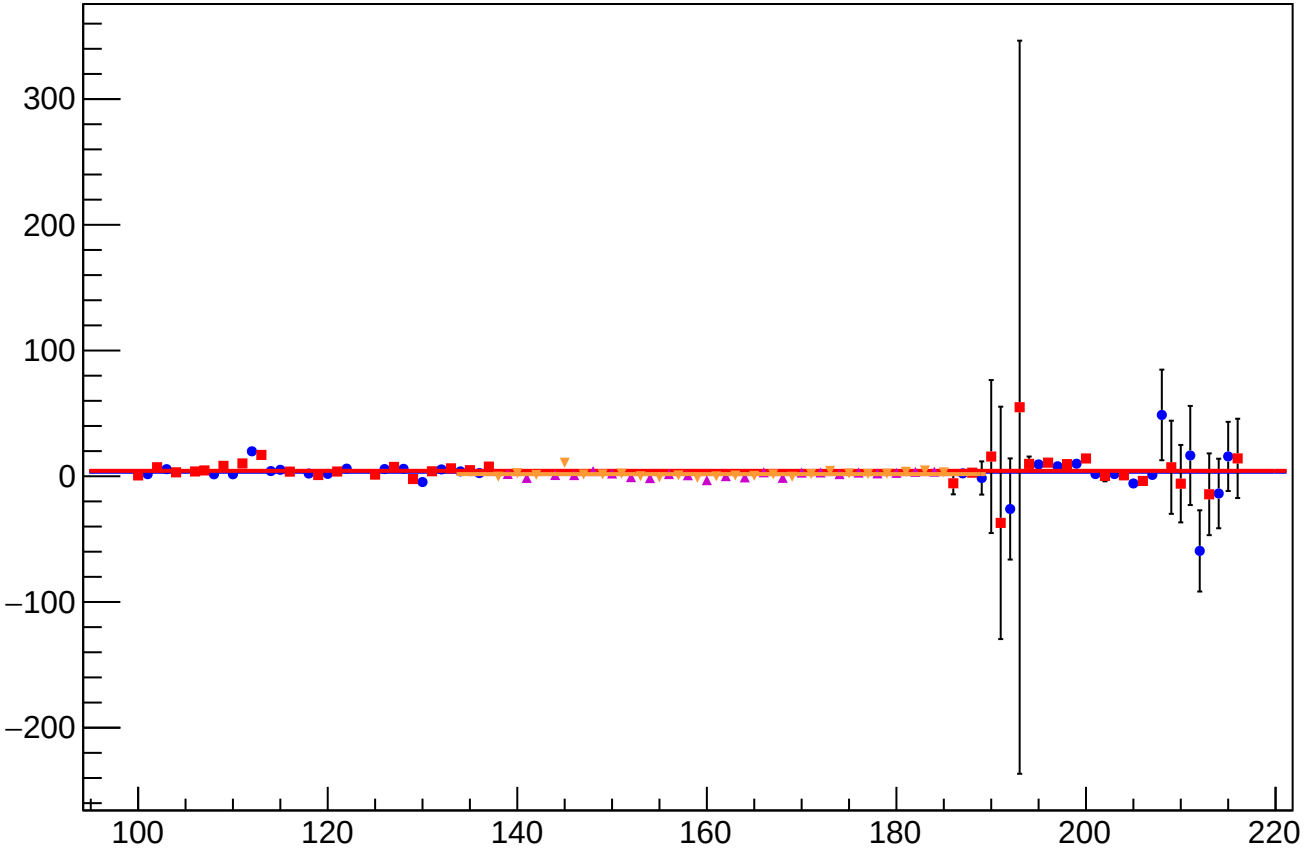
Left In: -35.766+/-0.191 χ^2/NDF:842.6/22

+ sign -35.799+/-0.187 χ^2/NDF: 1183.0/38

All: -35.651+/-0.132 χ^2/NDF: 2139.0/77

- sign -35.504+/-0.186 χ^2/NDF: 954.8/38

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.567+/-0.217 χ^2/NDF: 462.1/30

Left Out: 1.724+/-0.148 χ^2/NDF:168.2/23

Right Out: 4.320+/-0.217 χ^2/NDF: 378.8/33

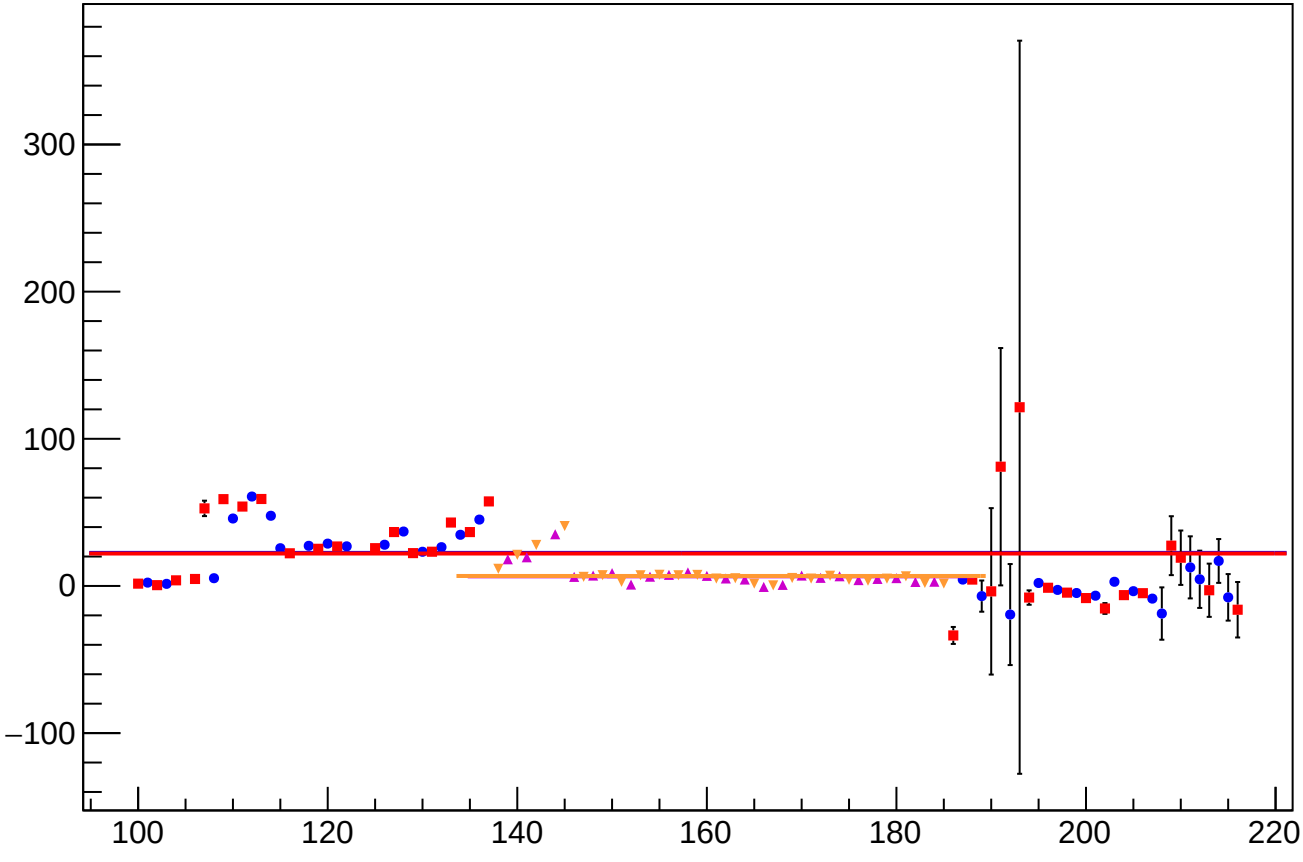
Left In: 1.705+/-0.149 χ^2/NDF:163.0/22

+ sign 2.309+/-0.122 χ^2/NDF: 679.7/54

All: 2.426+/-0.087 χ^2/NDF: 1321.8/111

- sign 2.546+/-0.123 χ^2/NDF: 640.3/56

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 22.464+/-0.370 χ^2/NDF: 2704.5/30

Left Out: 6.779+/-0.191 χ^2/NDF:1297.7/23

Right Out: 22.041+/-0.349 χ^2/NDF: 3665.3/33

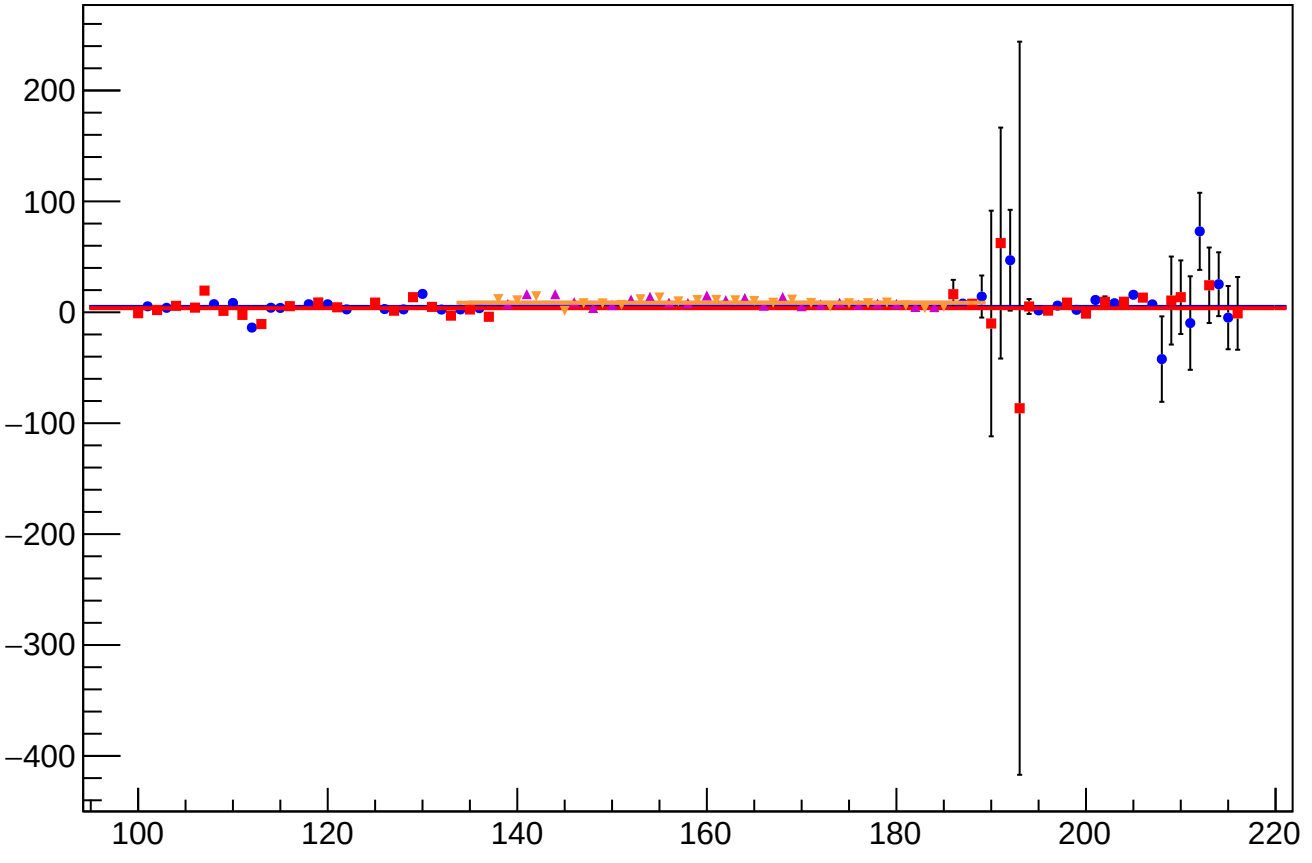
Left In: 6.532+/-0.190 χ^2/NDF:1018.2/22

\+ sign 10.091+/-0.170 χ^2/NDF: 5422.0/54

All: 10.090+/-0.119 χ^2/NDF: 11628.8/111

\- sign 10.089+/-0.167 χ^2/NDF: 6206.9/56

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.849+/-0.250 χ^2/NDF: 565.0/30

Left Out: 8.585+/-0.169 χ^2/NDF:245.5/23

Right Out: 3.699+/-0.250 χ^2/NDF: 589.4/33

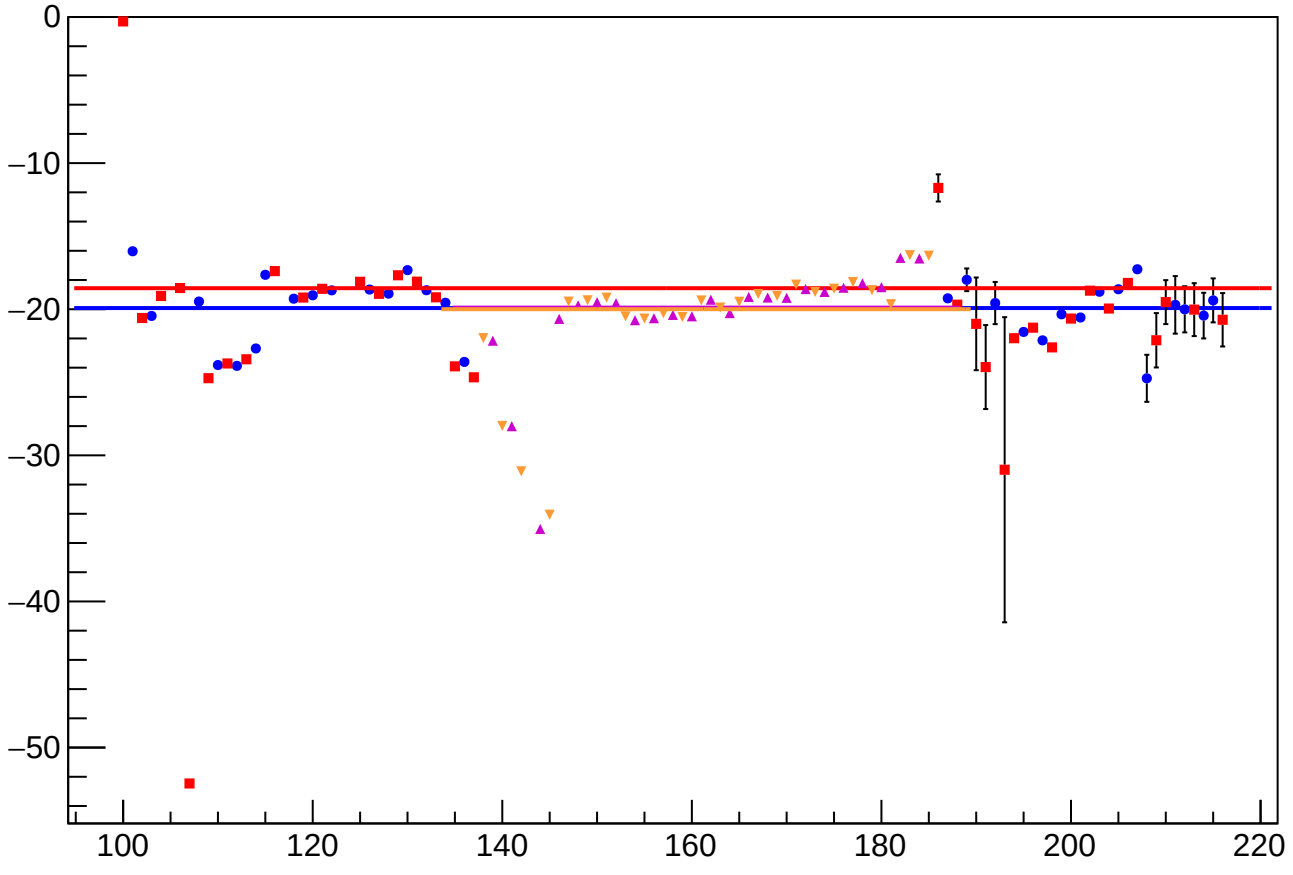
Left In: 8.585+/-0.170 χ^2/NDF:441.8/22

+ sign 7.414+/-0.140 χ^2/NDF: 964.0/54

All: 7.228+/-0.099 χ^2/NDF: 2259.7/111

- sign 7.040+/-0.141 χ^2/NDF: 1292.2/56

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.920+/-0.015 χ^2/NDF: 27097.4/30

Left Out: -19.998+/-0.008 χ^2/NDF:171944.6/23

Right Out: -18.560+/-0.014 χ^2/NDF: 303730.2/33

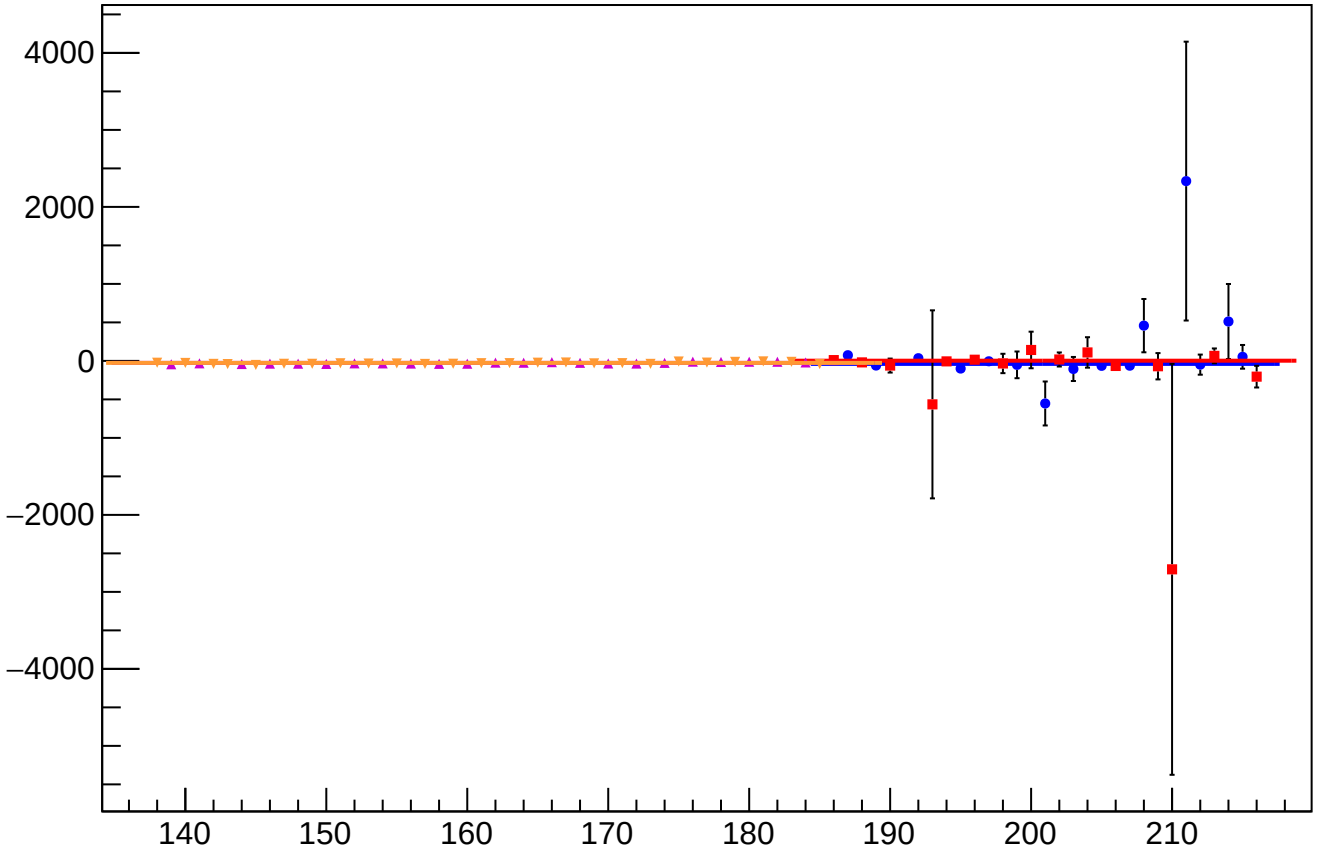
Left In: -19.890+/-0.008 χ^2/NDF:144055.2/22

+ sign -19.981+/-0.007 χ^2/NDF: 199063.7/54

All: -19.775+/-0.005 χ^2/NDF: 655373.7/111

- sign -19.576+/-0.007 χ^2/NDF: 454594.0/56

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -38.919+/-12.934 χ^2/NDF: 21.4/14

Left Out: -25.884+/-0.192 χ^2/NDF:4158.0/24

Right Out: 2.529+/-8.069 χ^2/NDF: 9.4/14

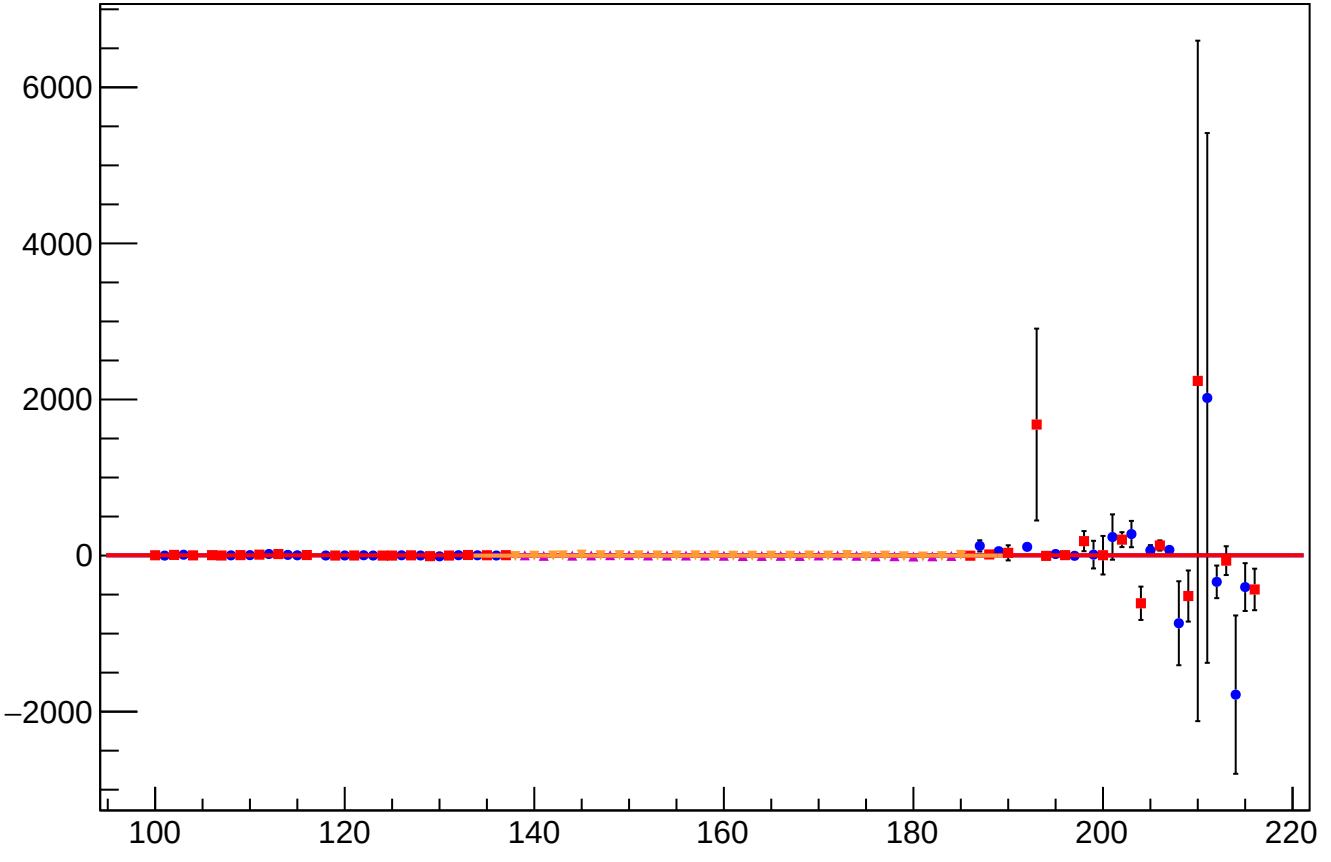
Left In: -26.052+/-0.195 χ^2/NDF:3279.5/22

+ sign -25.887+/-0.192 χ^2/NDF: 4180.4/39

All: -25.960+/-0.137 χ^2/NDF: 7482.1/77

- sign -26.035+/-0.195 χ^2/NDF: 3301.4/37

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.475+/-0.315 χ^2/NDF: 324.1/31

Left Out: -0.654+/-0.146 χ^2/NDF:1320.8/24

Right Out: 3.714+/-0.327 χ^2/NDF: 295.4/33

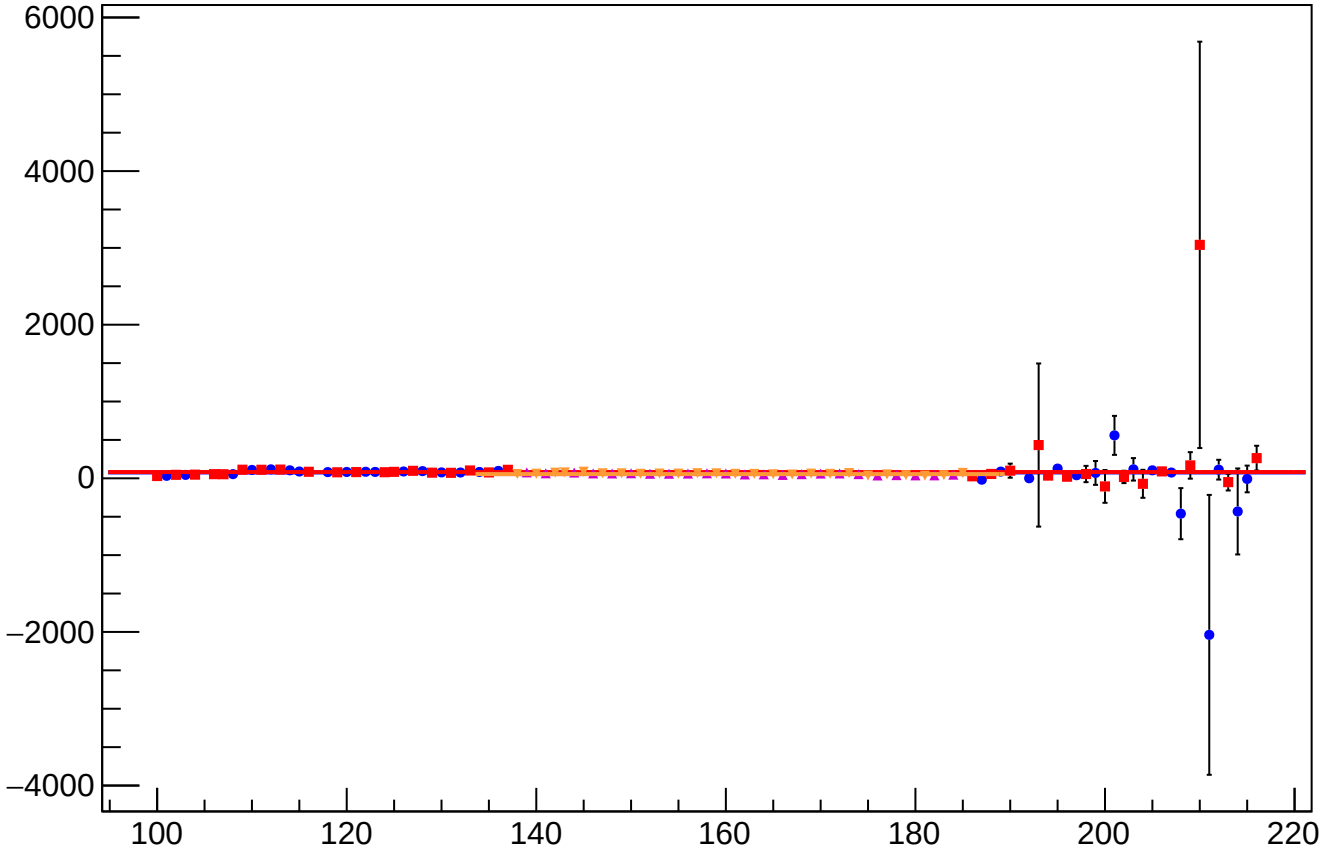
Left In: -0.863+/-0.150 χ^2/NDF:1066.5/22

+ sign -0.099+/-0.133 χ^2/NDF: 1726.2/56

All: -0.081+/-0.095 χ^2/NDF: 3250.2/113

- sign -0.062+/-0.137 χ^2/NDF: 1524.0/56

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.531+/-0.576 χ^2/NDF: 2274.4/31

Left Out: 55.098+/-0.191 χ^2/NDF:4579.3/24

Right Out: 81.490+/-0.590 χ^2/NDF: 1636.9/33

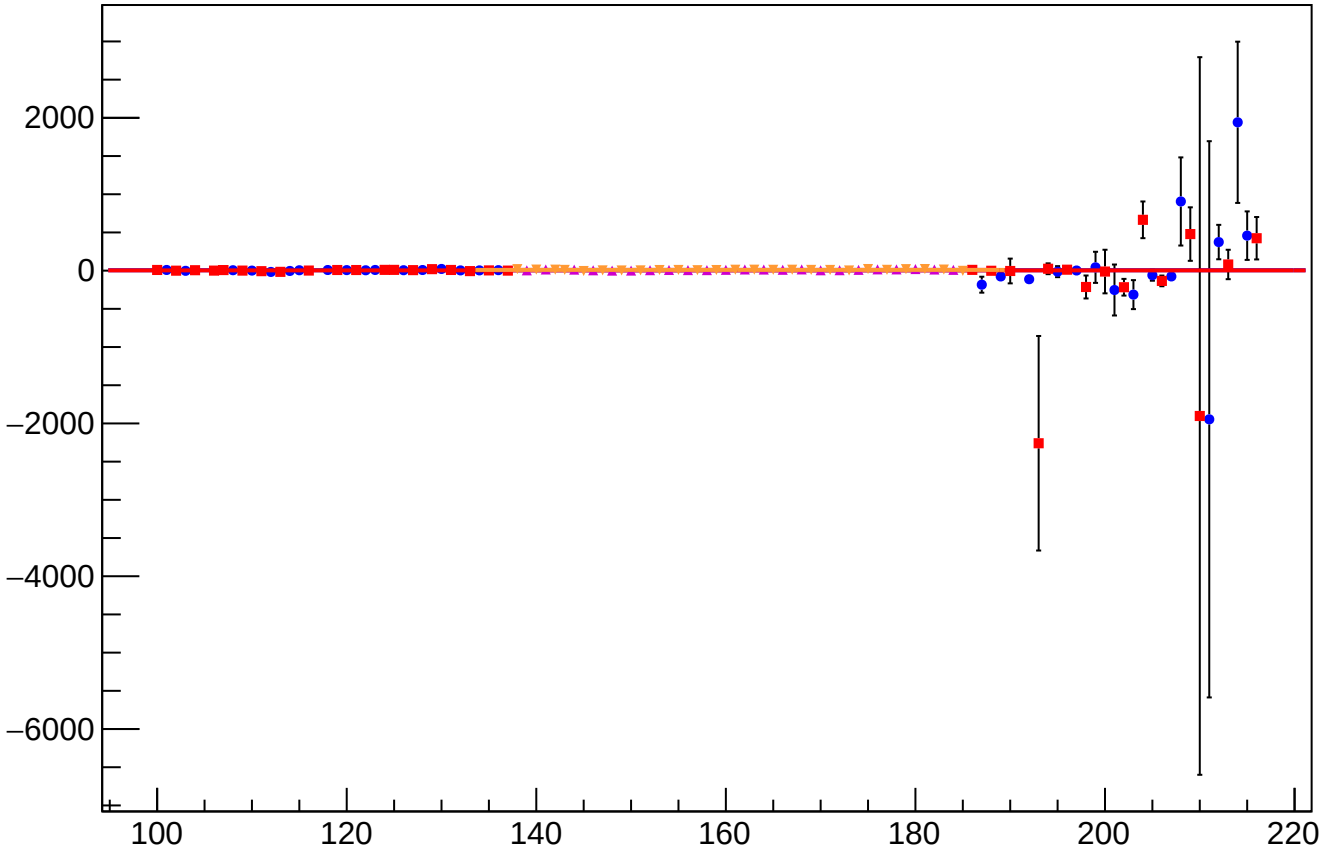
Left In: 55.070+/-0.193 χ^2/NDF:3702.8/22

+ sign 57.230+/-0.182 χ^2/NDF: 8099.9/56

All: 57.428+/-0.129 χ^2/NDF: 15249.8/113

- sign 57.631+/-0.184 χ^2/NDF: 7147.5/56

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.408+/-0.361 χ^2/NDF: 415.5/31

Left Out: 9.737+/-0.168 χ^2/NDF:1450.2/24

Right Out: 3.581+/-0.375 χ^2/NDF: 446.6/33

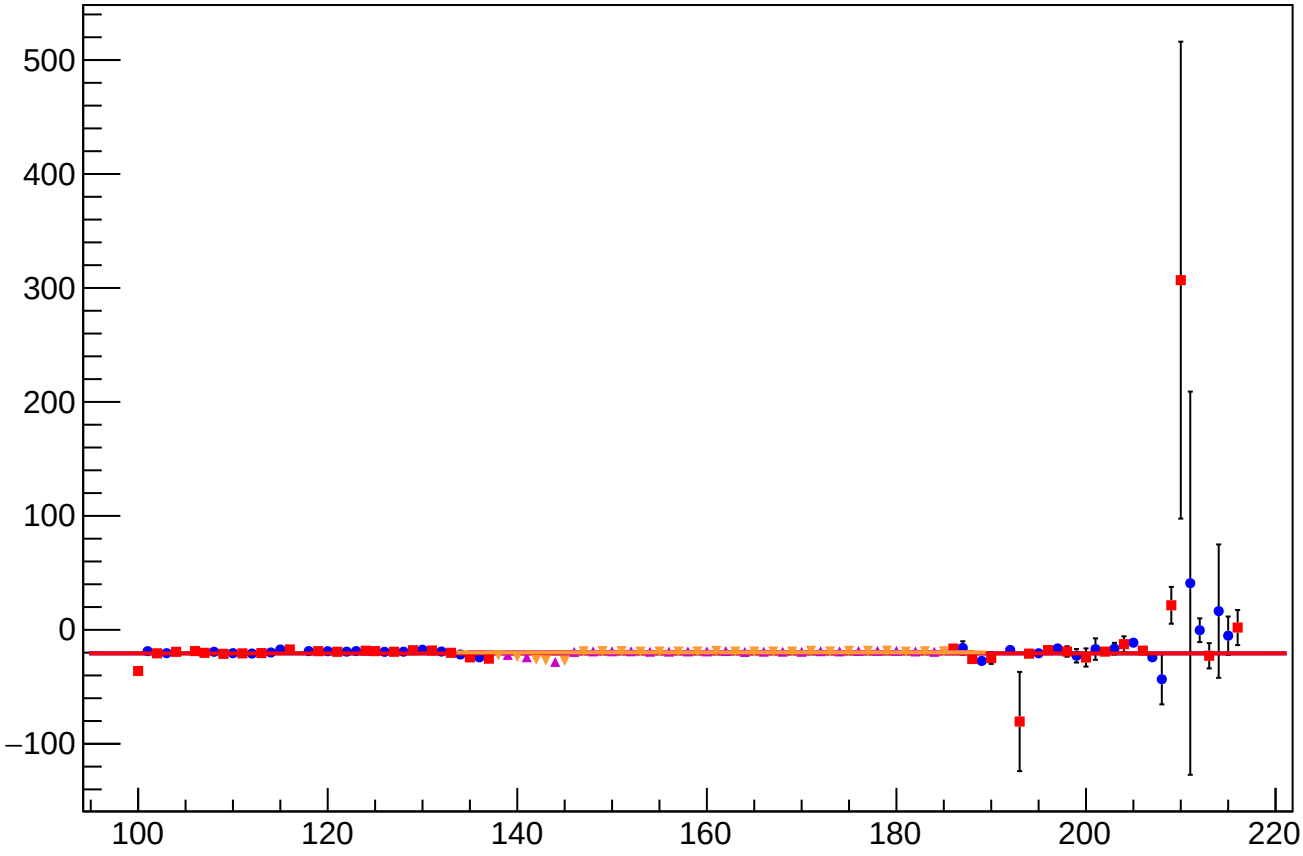
Left In: 9.803+/-0.172 χ^2/NDF:1158.7/22

+ sign 8.968+/-0.152 χ^2/NDF: 1984.0/56

All: 8.851+/-0.109 χ^2/NDF: 3817.8/113

- sign 8.727+/-0.156 χ^2/NDF: 1832.5/56

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.644+/-0.019 χ^2/NDF: 12460.3/31

Left Out: -19.767+/-0.008 χ^2/NDF:91617.3/24

Right Out: -20.638+/-0.019 χ^2/NDF: 13821.3/33

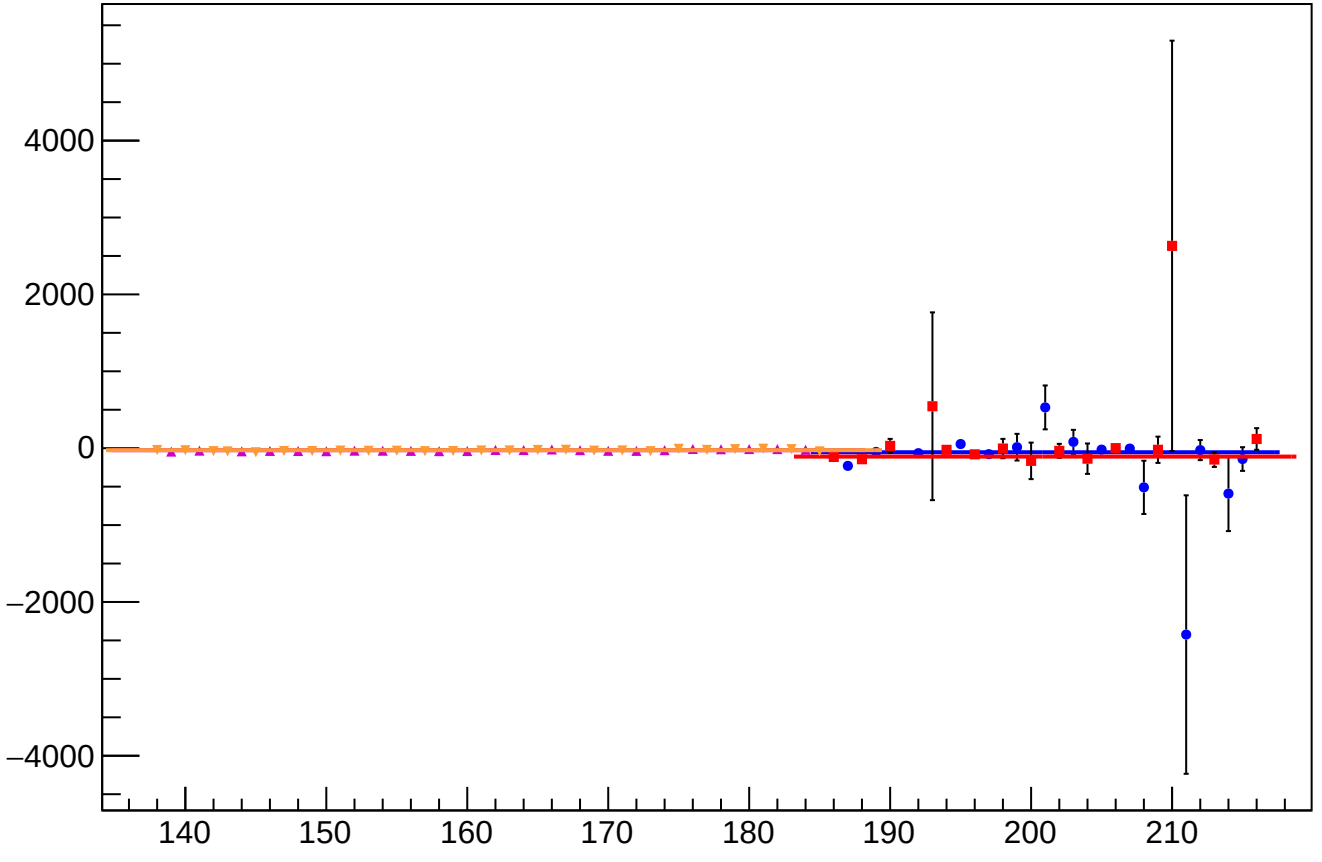
Left In: -19.435+/-0.008 χ^2/NDF:53170.9/22

+ sign -19.892+/-0.007 χ^2/NDF: 105838.9/56

All: -19.751+/-0.005 χ^2/NDF: 176857.6/113

- sign -19.607+/-0.007 χ^2/NDF: 70266.2/56

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -52.850+/-12.944 χ^2/NDF: 32.6/14

Left Out: -25.899+/-0.192 χ^2/NDF:4127.5/24

Right Out: -109.312+/-8.075 χ^2/NDF: 19.7/14

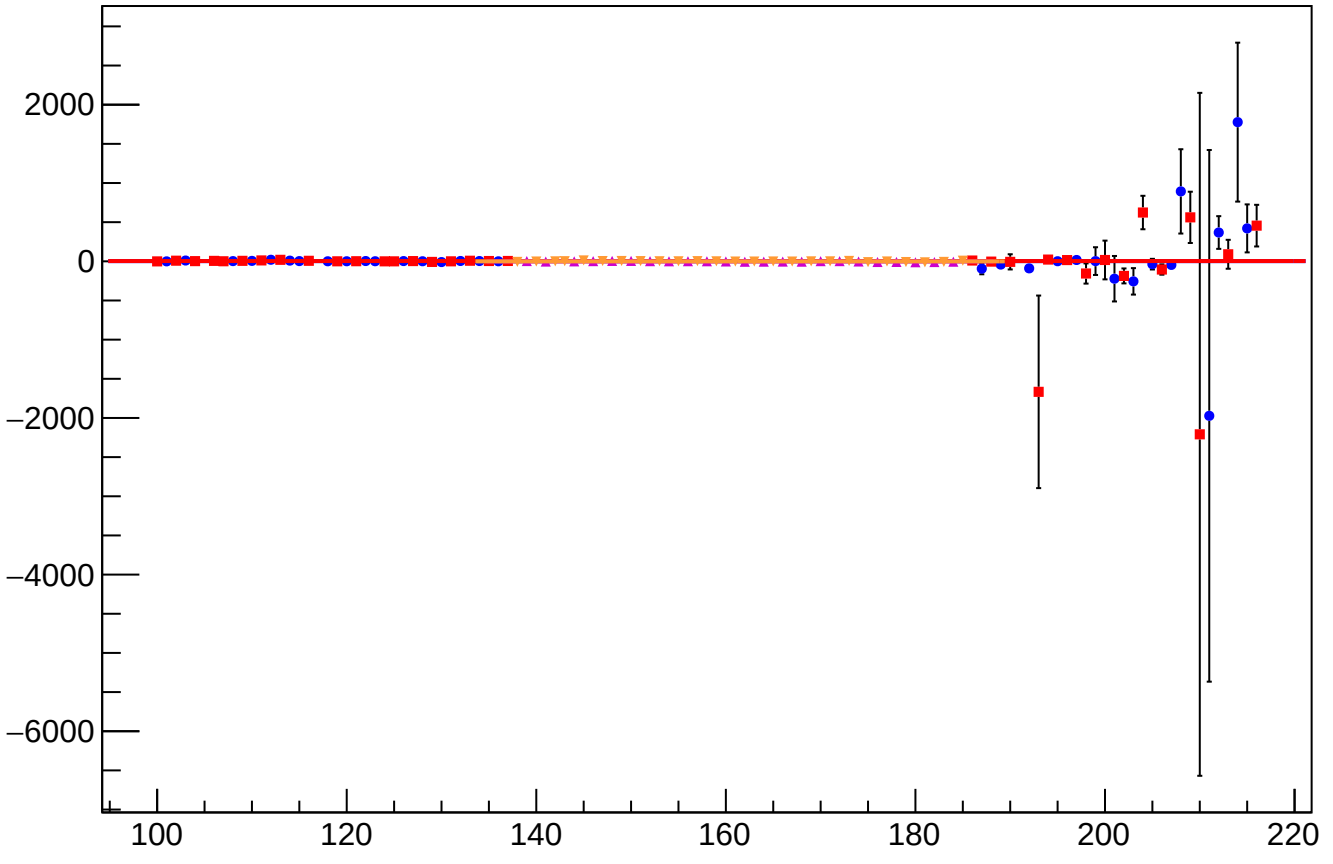
Left In: -26.046+/-0.195 χ^2/NDF:3246.7/22

+ sign -25.905+/-0.192 χ^2/NDF: 4164.5/39

All: -25.998+/-0.137 χ^2/NDF: 7537.7/77

- sign -26.095+/-0.195 χ^2/NDF: 3372.7/37

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.440+/-0.315 χ^2/NDF: 316.5/31

Left Out: -0.596+/-0.146 χ^2/NDF:1310.7/24

Right Out: 3.594+/-0.318 χ^2/NDF: 305.3/33

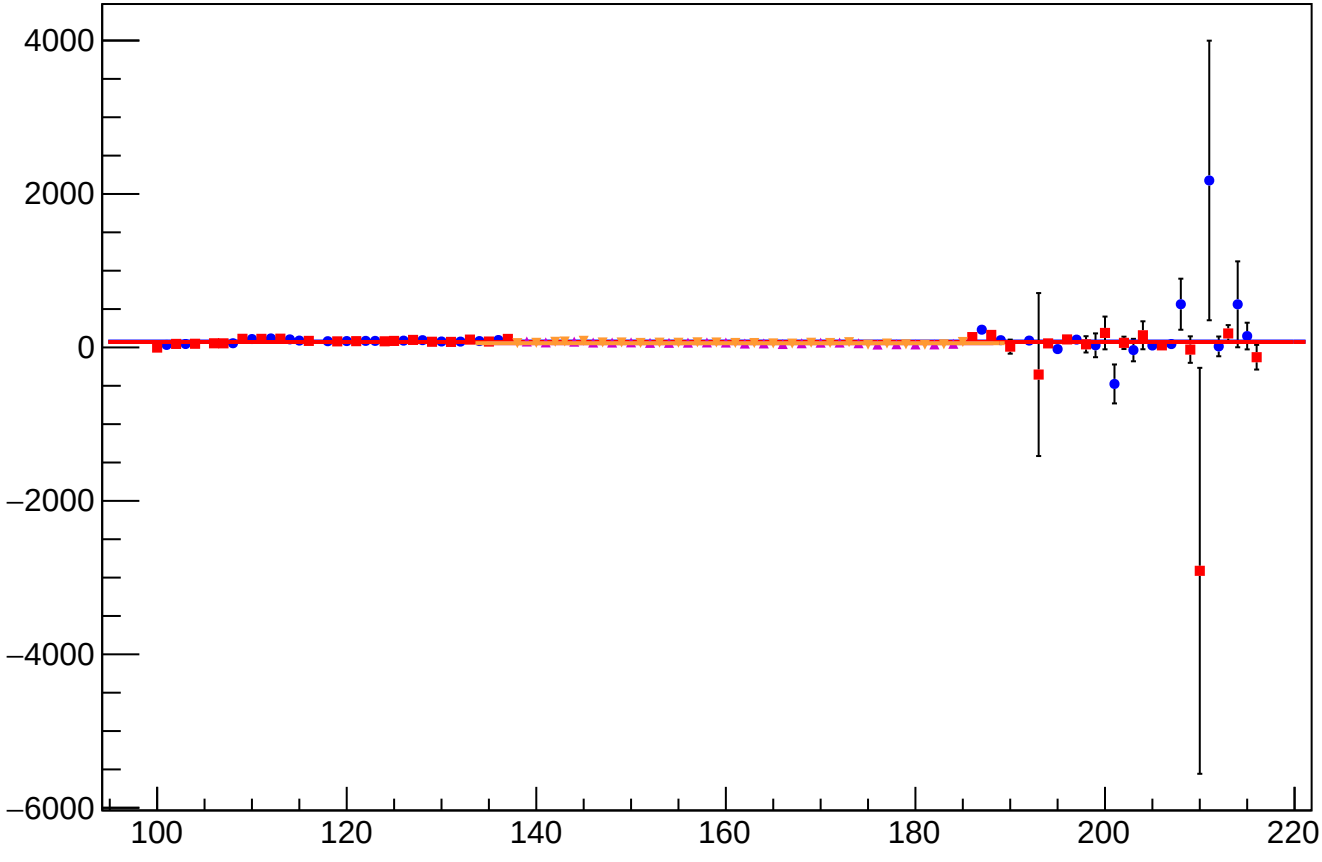
Left In: -0.795+/-0.151 χ^2/NDF:1106.3/22

+ sign -0.057+/-0.133 χ^2/NDF: 1703.7/56

All: -0.025+/-0.095 χ^2/NDF: 3271.1/113

- sign 0.009+/-0.136 χ^2/NDF: 1567.2/56

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.710+/-0.576 χ^2/NDF: 2300.9/31

Left Out: 55.111+/-0.192 χ^2/NDF:4560.2/24

Right Out: 70.748+/-0.549 χ^2/NDF: 4496.6/33

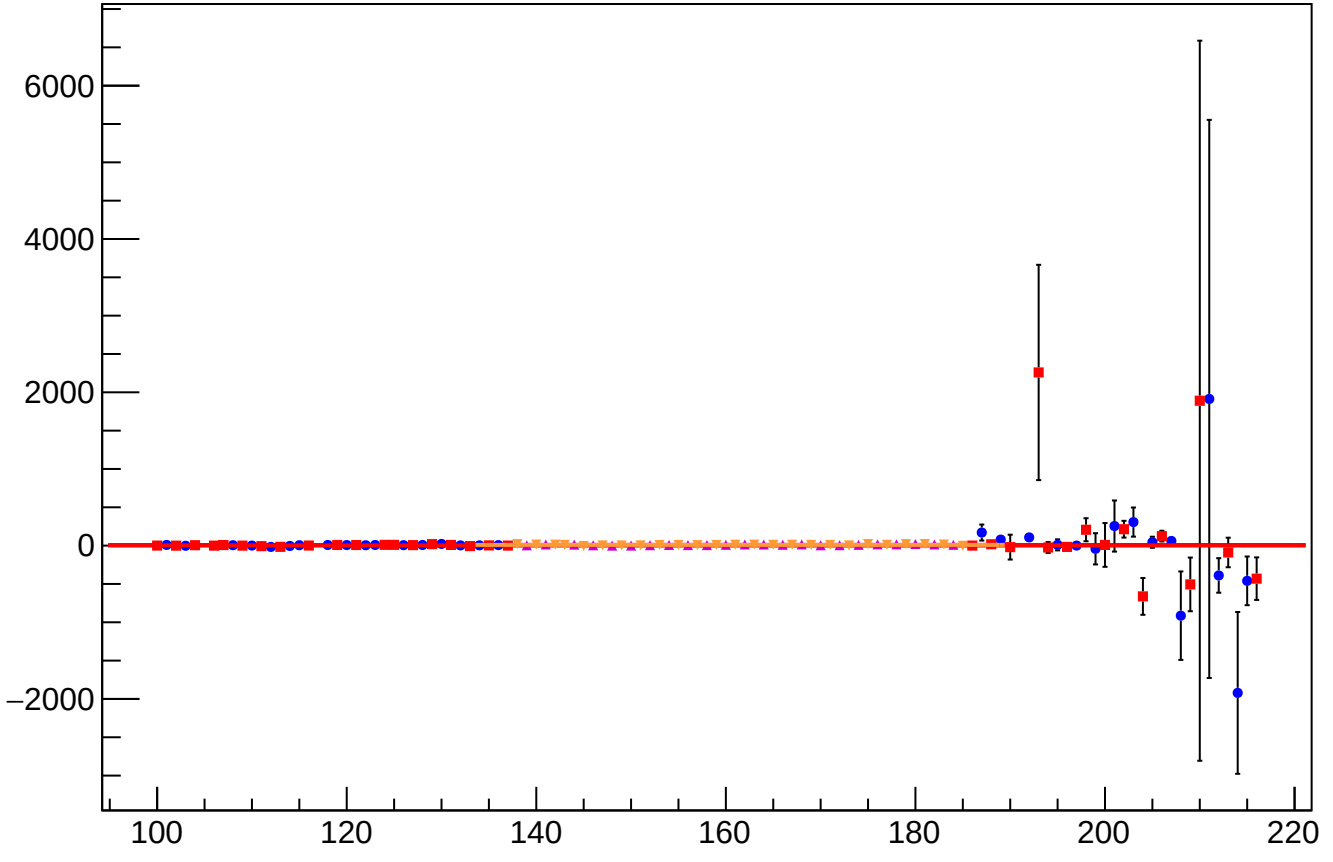
Left In: 55.094+/-0.194 χ^2/NDF:3664.6/22

\+ sign 57.259+/-0.182 χ^2/NDF: 8125.3/56

All: 57.044+/-0.129 χ^2/NDF: 17013.3/113

\- sign 56.828+/-0.183 χ^2/NDF: 8885.2/56

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.444+/-0.361 χ^2/NDF: 409.6/31

Left Out: 9.675+/-0.168 χ^2/NDF:1441.3/24

Right Out: 3.282+/-0.365 χ^2/NDF: 449.2/33

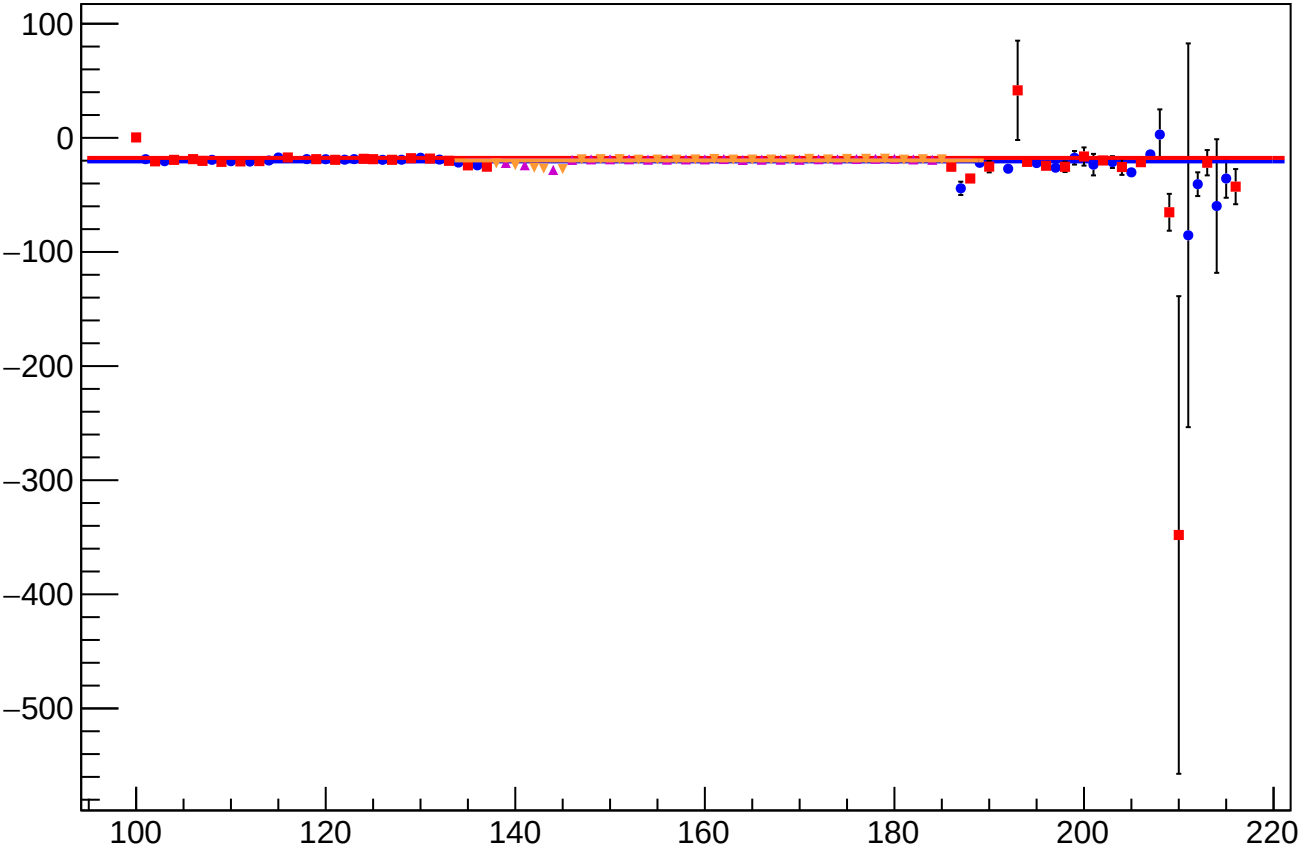
Left In: 9.738+/-0.172 χ^2/NDF:1191.1/22

+ sign 8.923+/-0.152 χ^2/NDF: 1964.0/56

All: 8.750+/-0.109 χ^2/NDF: 3862.5/113

- sign 8.570+/-0.155 χ^2/NDF: 1895.9/56

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.647+/-0.019 χ^2/NDF: 12521.0/31

Left Out: -19.775+/-0.008 χ^2/NDF:91510.1/24

Right Out: -17.575+/-0.018 χ^2/NDF: 178455.6/33

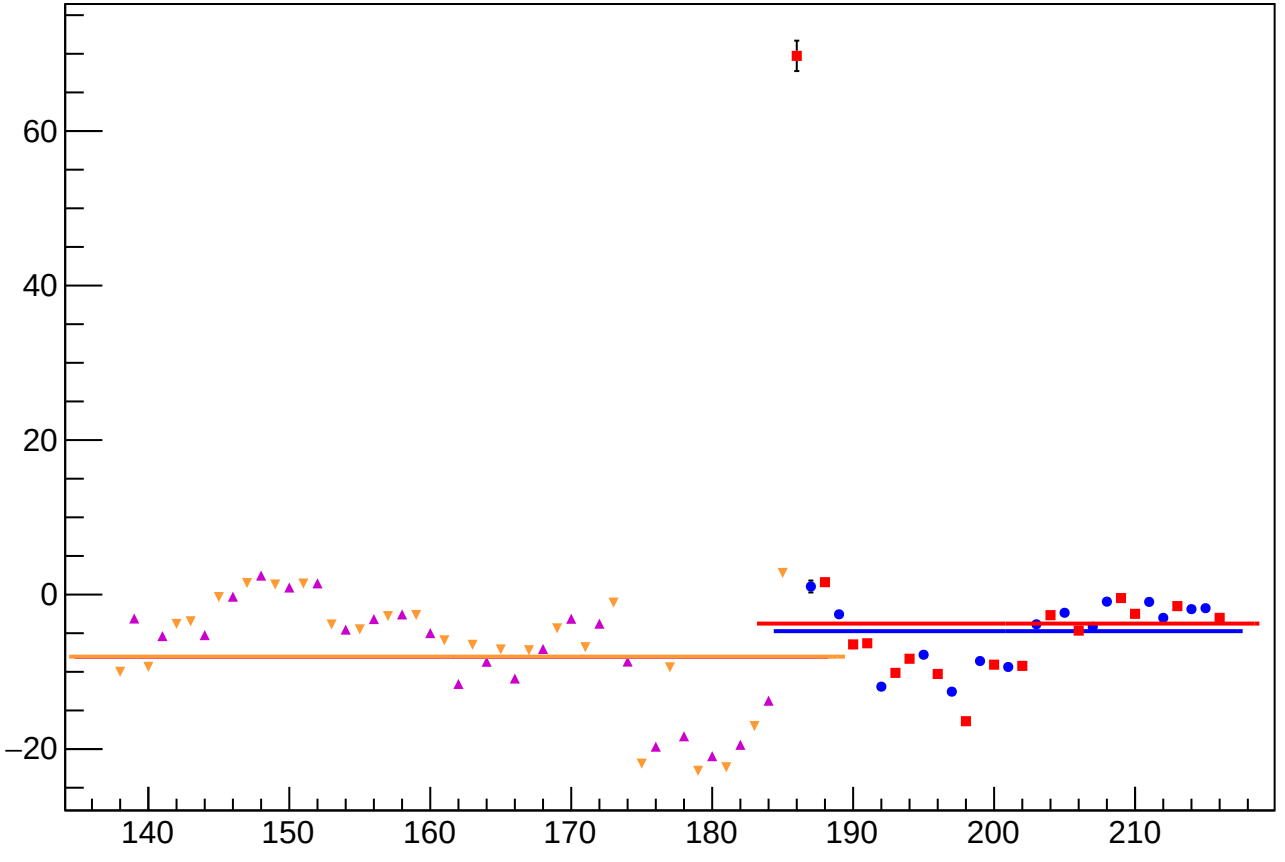
Left In: -19.445+/-0.008 χ^2/NDF:53124.1/22

+ sign -19.899+/-0.007 χ^2/NDF: 105770.1/56

All: -19.518+/-0.005 χ^2/NDF: 351748.0/113

- sign -19.140+/-0.007 χ^2/NDF: 240566.8/56

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -4.734+/-0.101 χ^2/NDF: 1552.1/14

Left Out: -8.034+/-0.070 χ^2/NDF:12568.0/24

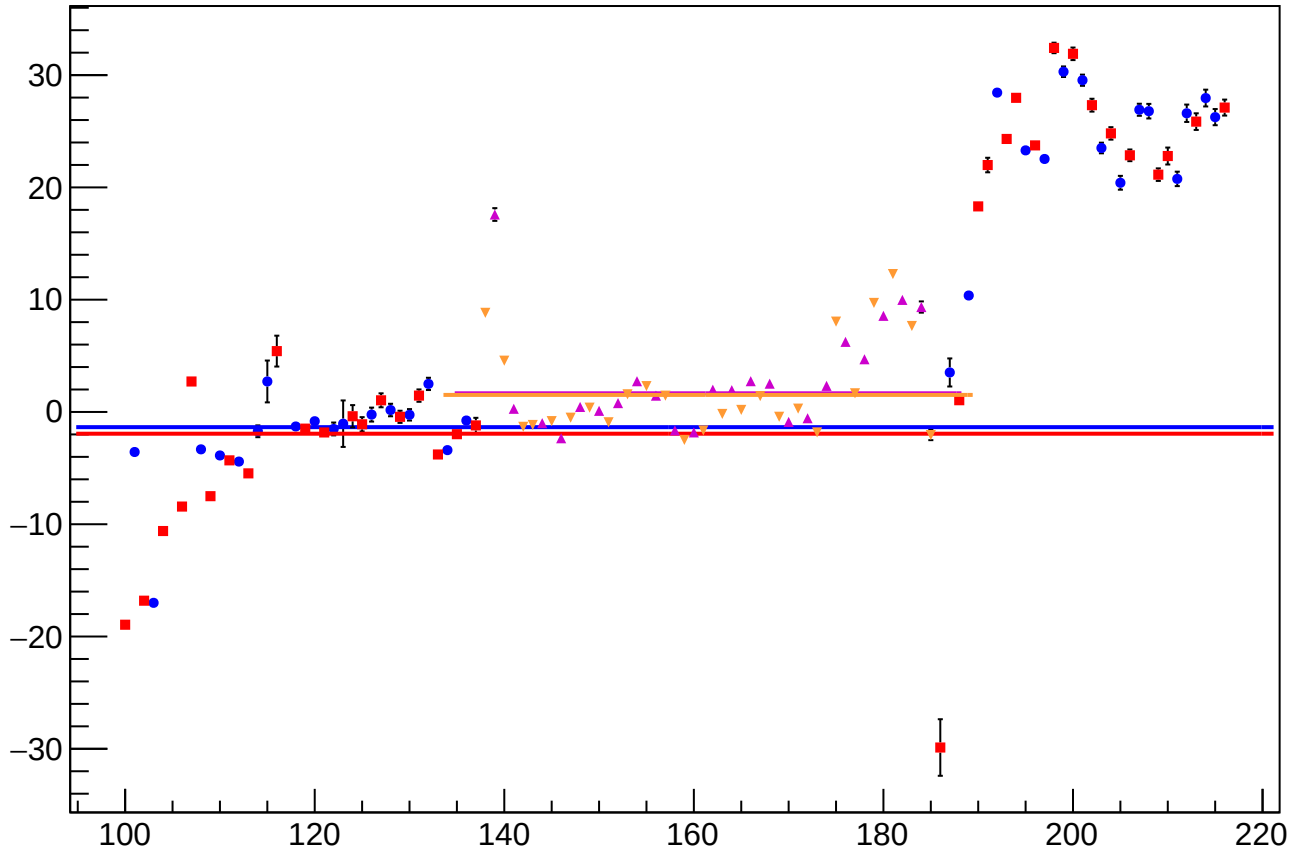
Right Out: -3.754+/-0.093 χ^2/NDF: 4144.9/15

Left In: -8.078+/-0.072 χ^2/NDF:10541.6/22

+ sign -6.960+/-0.058 χ^2/NDF: 14836.8/39

All: -6.701+/-0.040 χ^2/NDF: 30923.6/78

- sign -6.450+/-0.057 χ^2/NDF: 16047.1/38



Right In: -1.353+/-0.051 χ^2/NDF: 50773.4/31

Left Out: 1.518+/-0.054 χ^2/NDF:4847.5/24

Right Out: -1.937+/-0.053 χ^2/NDF: 59654.9/34

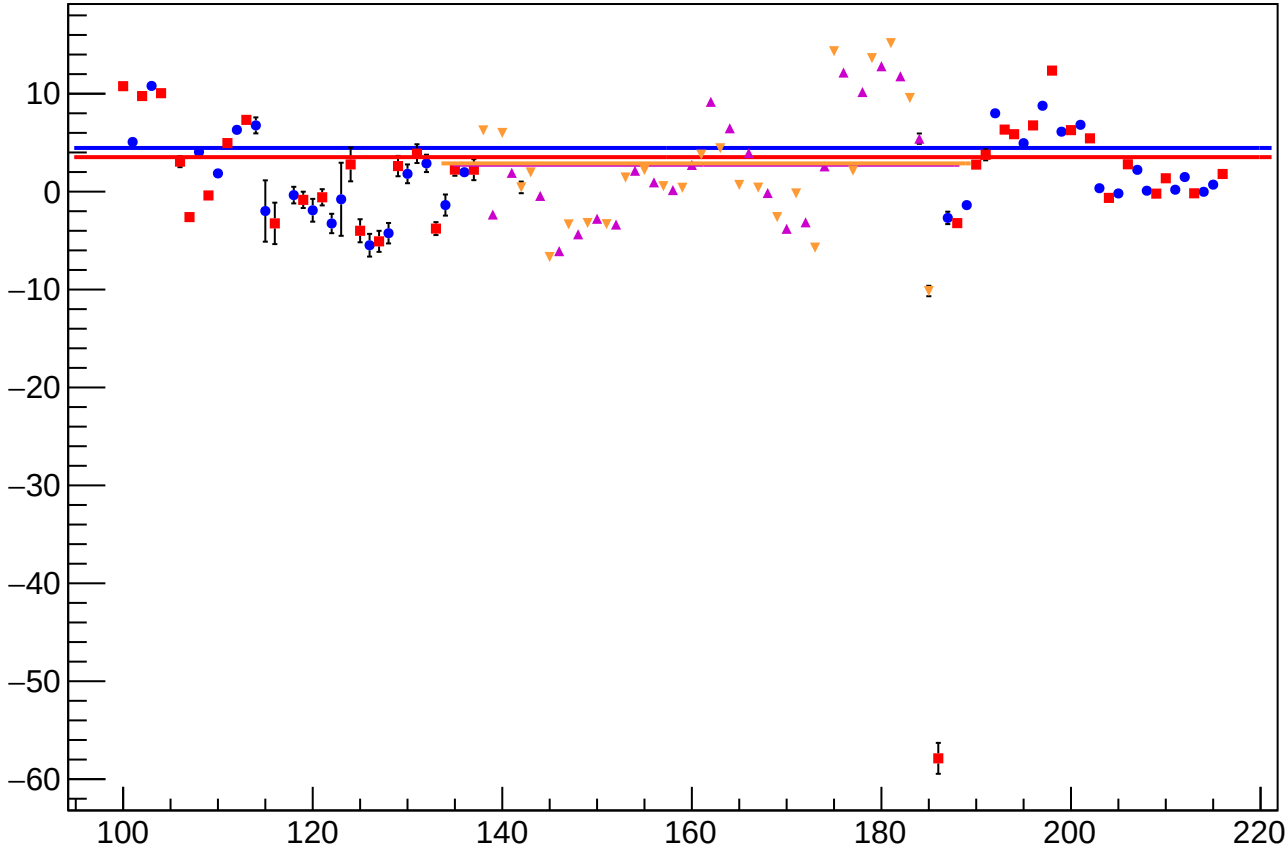
Left In: 1.662+/-0.057 χ^2/NDF:4034.2/22

\+ sign -0.011+/-0.037 χ^2/NDF: 57107.4/56

All: -0.125+/-0.027 χ^2/NDF: 122963.9/114

\- sign -0.248+/-0.039 χ^2/NDF: 65837.2/57

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 4.461+/-0.066 χ^2/NDF: 3292.6/31

Left Out: 2.884+/-0.070 χ^2/NDF:8893.2/24

Right Out: 3.523+/-0.063 χ^2/NDF: 8090.1/34

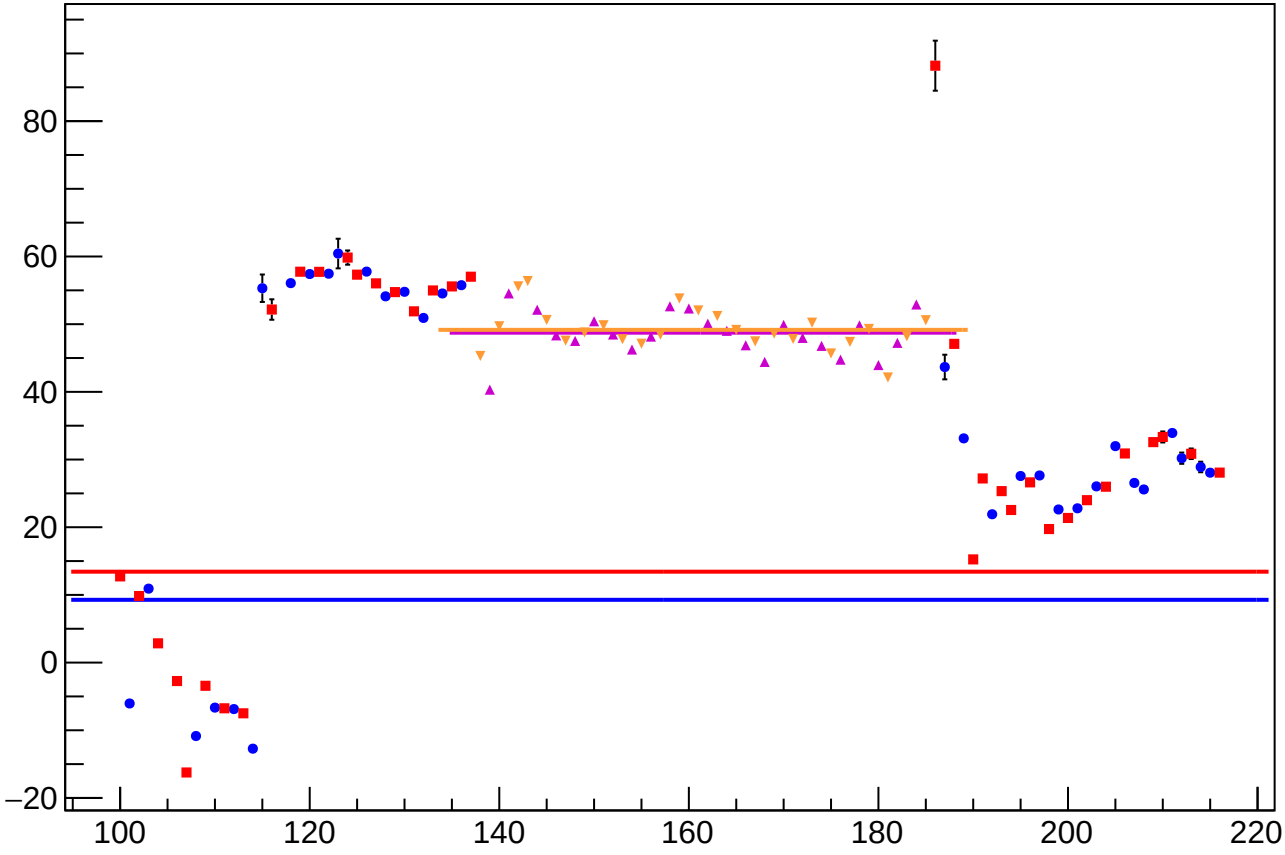
Left In: 2.745+/-0.071 χ^2/NDF:7183.1/22

+ sign 3.724+/-0.048 χ^2/NDF: 12454.1/56

All: 3.449+/-0.034 χ^2/NDF: 27858.5/114

- sign 3.184+/-0.047 χ^2/NDF: 15340.1/57

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 9.275+/-0.060 χ^2/NDF: 136312.8/31

Left Out: 49.163+/-0.062 χ^2/NDF:2259.9/24

Right Out: 13.430+/-0.063 χ^2/NDF: 138157.6/34

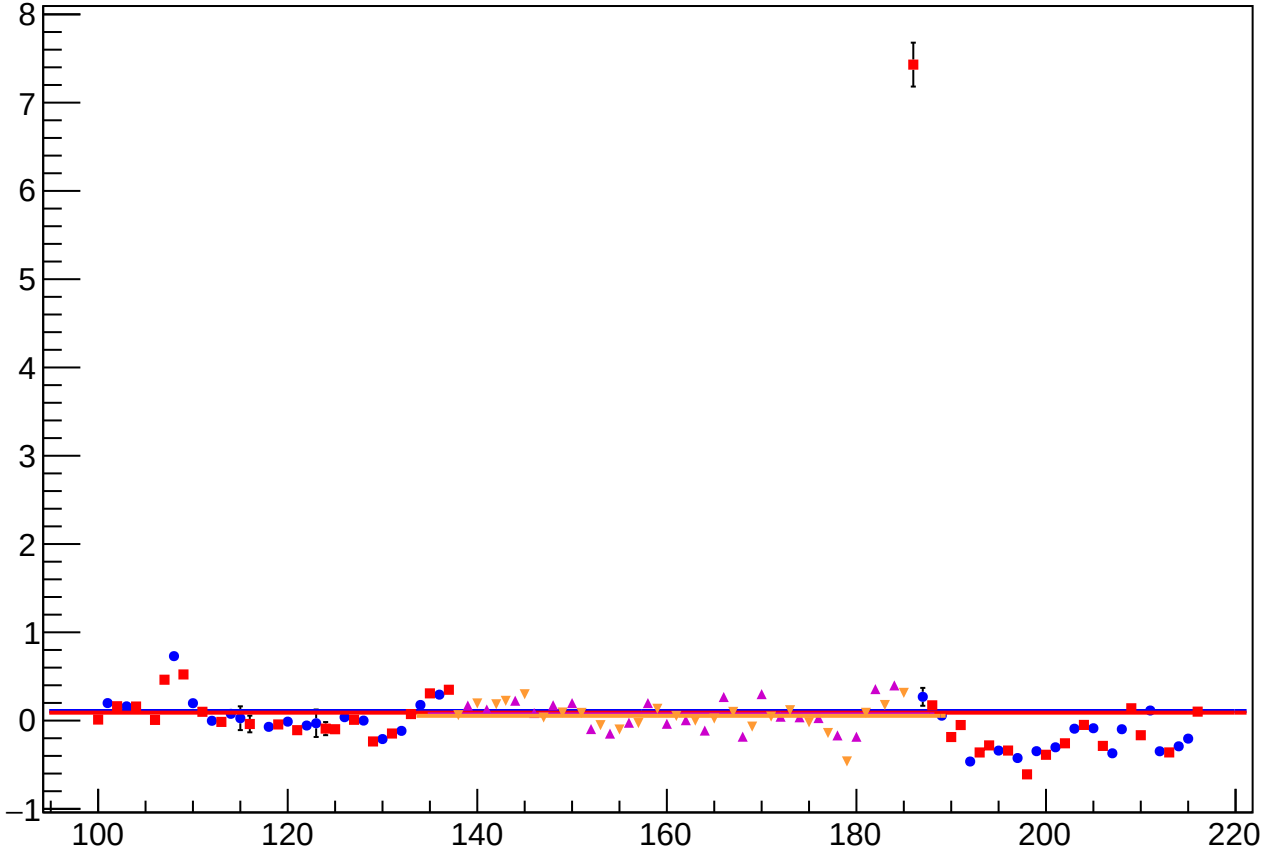
Left In: 48.744+/-0.064 χ^2/NDF:2097.7/22

+ sign 28.615+/-0.043 χ^2/NDF: 353598.1/56

All: 29.705+/-0.031 χ^2/NDF: 650241.9/114

- sign 30.891+/-0.045 χ^2/NDF: 295300.7/57

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.109+/-0.002 χ^2/NDF: 11864.9/31

Left Out: 0.054+/-0.003 χ^2/NDF:2379.8/24

Right Out: 0.090+/-0.002 χ^2/NDF: 11110.9/34

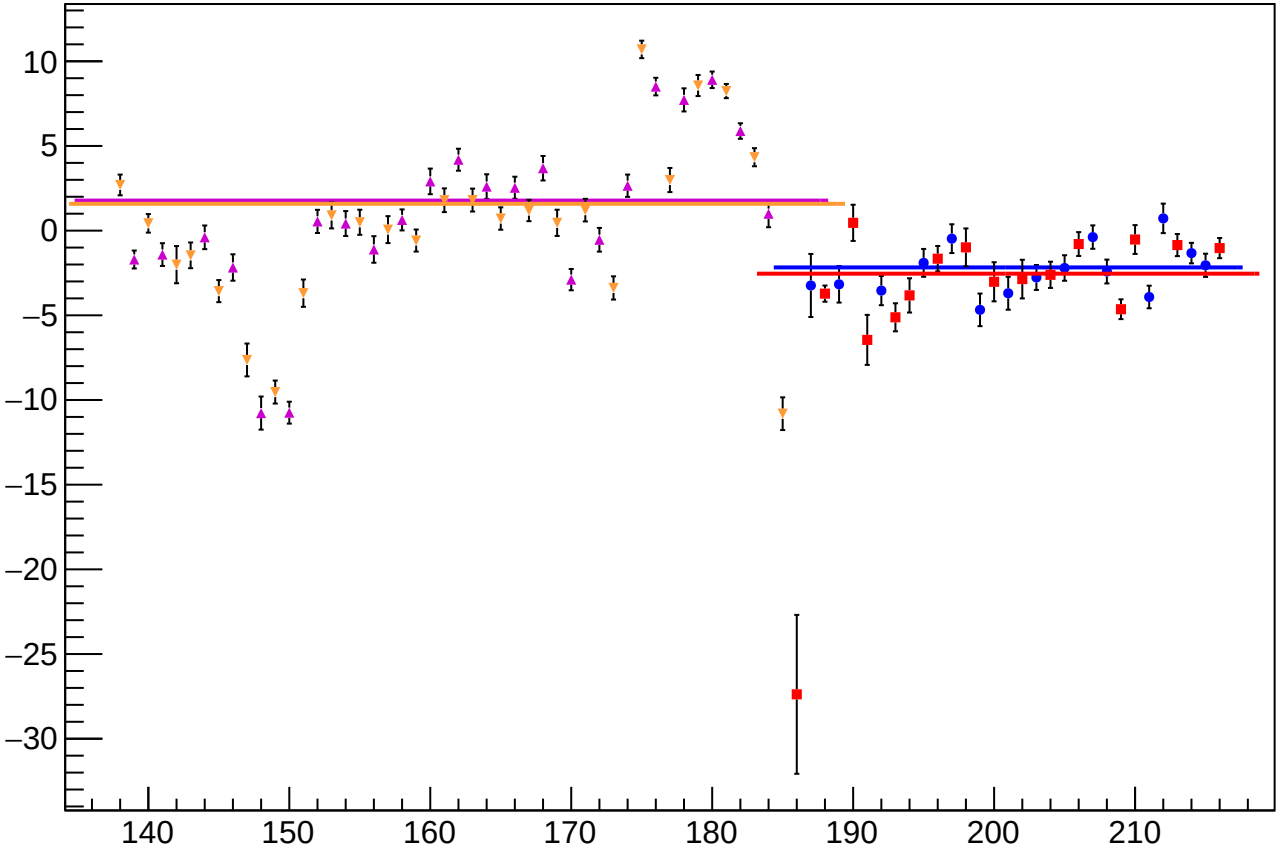
Left In: 0.070+/-0.003 χ^2/NDF:3233.8/22

+ sign 0.085+/-0.002 χ^2/NDF: 14457.2/56

All: 0.083+/-0.001 χ^2/NDF: 28830.8/114

- sign 0.082+/-0.002 χ^2/NDF: 14372.1/57

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -2.172+/-0.206 χ^2/NDF: 44.4/14

Left Out: 1.584+/-0.133 χ^2/NDF:1458.8/24

Right Out: -2.542+/-0.198 χ^2/NDF: 101.7/15

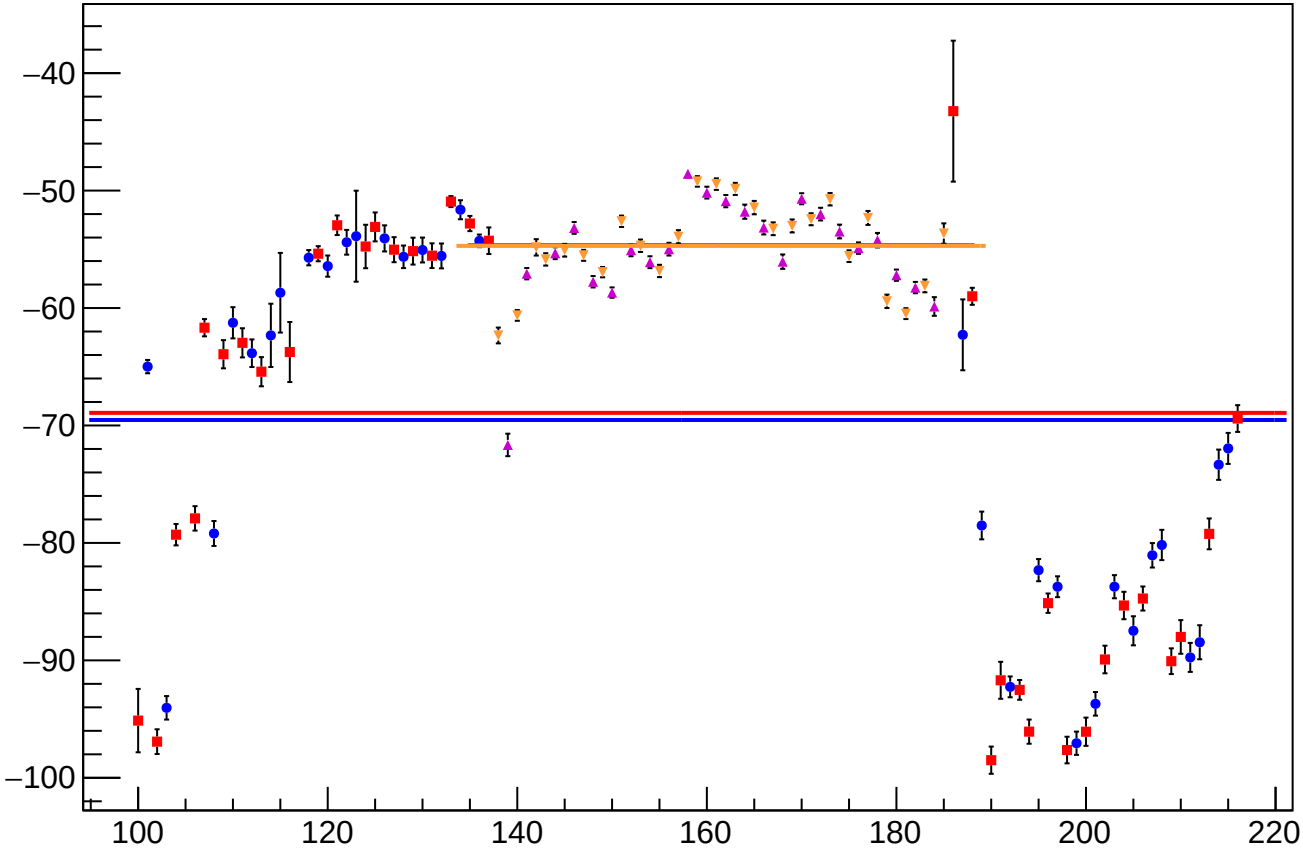
Left In: 1.774+/-0.135 χ^2/NDF:1297.3/22

+ sign 0.480+/-0.111 χ^2/NDF: 1738.7/39

All: 0.442+/-0.079 χ^2/NDF: 3461.5/78

- sign 0.403+/-0.112 χ^2/NDF: 1722.5/38

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -69.532+/-0.178 χ^2/NDF: 7335.1/31

Left Out: -54.707+/-0.106 χ^2/NDF:1126.0/24

Right Out: -68.927+/-0.167 χ^2/NDF: 10374.9/34

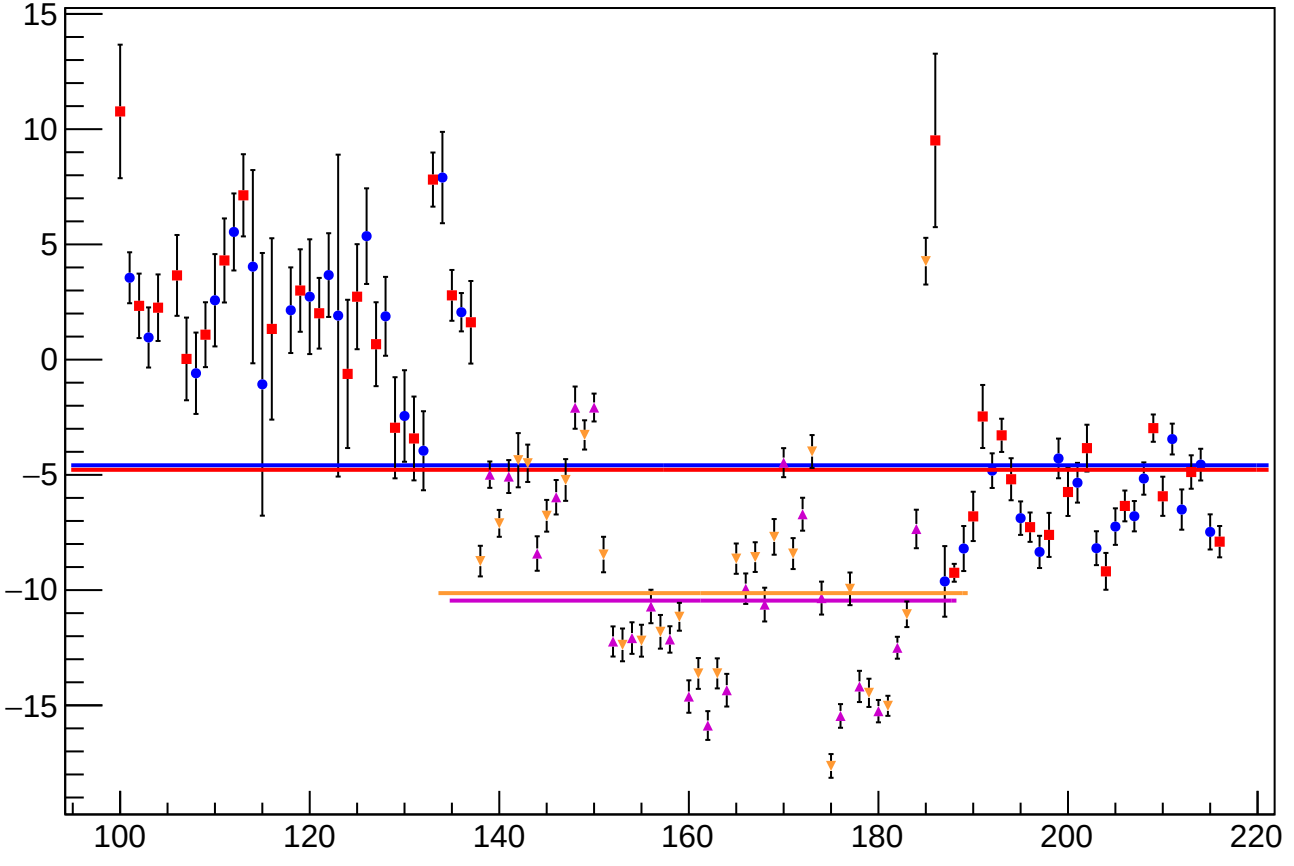
Left In: -54.650+/-0.110 χ^2/NDF:1077.1/22

+ sign -58.586+/-0.091 χ^2/NDF: 13608.7/56

All: -58.763+/-0.065 χ^2/NDF: 30153.4/114

- sign -58.943+/-0.092 χ^2/NDF: 16537.1/57

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -4.585+/-0.179 χ^2/NDF: 450.3/31

Left Out: -10.131+/-0.133 χ^2/NDF:1055.4/24

Right Out: -4.781+/-0.168 χ^2/NDF: 686.3/34

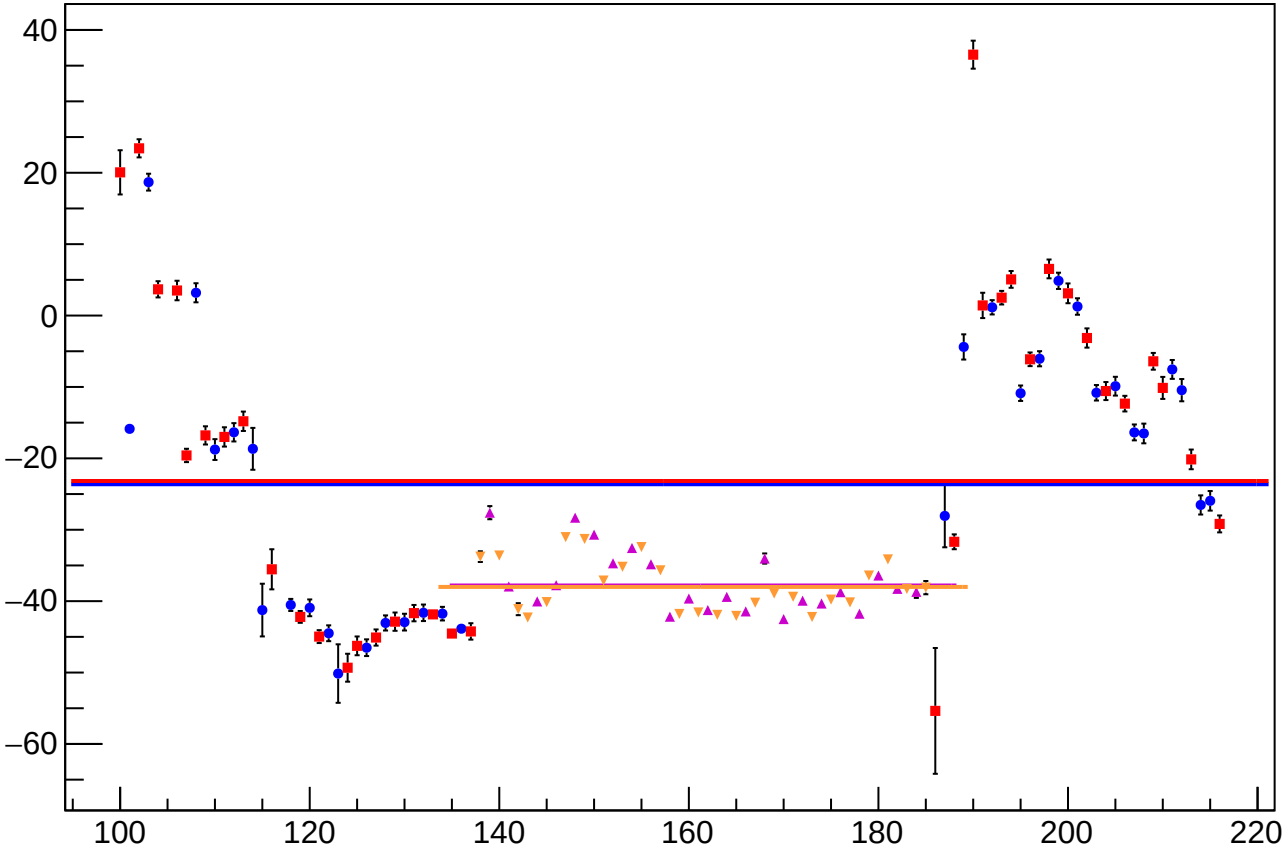
Left In: -10.456+/-0.135 χ^2/NDF:1002.7/22

+ sign -8.166+/-0.107 χ^2/NDF: 2123.7/56

All: -8.201+/-0.075 χ^2/NDF: 4508.0/114

- sign -8.235+/-0.105 χ^2/NDF: 2384.1/57

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -23.626+/-0.201 χ^2/NDF: 8669.2/31

Left Out: -38.006+/-0.119 χ^2/NDF:946.0/24

Right Out: -23.172+/-0.194 χ^2/NDF: 11916.8/34

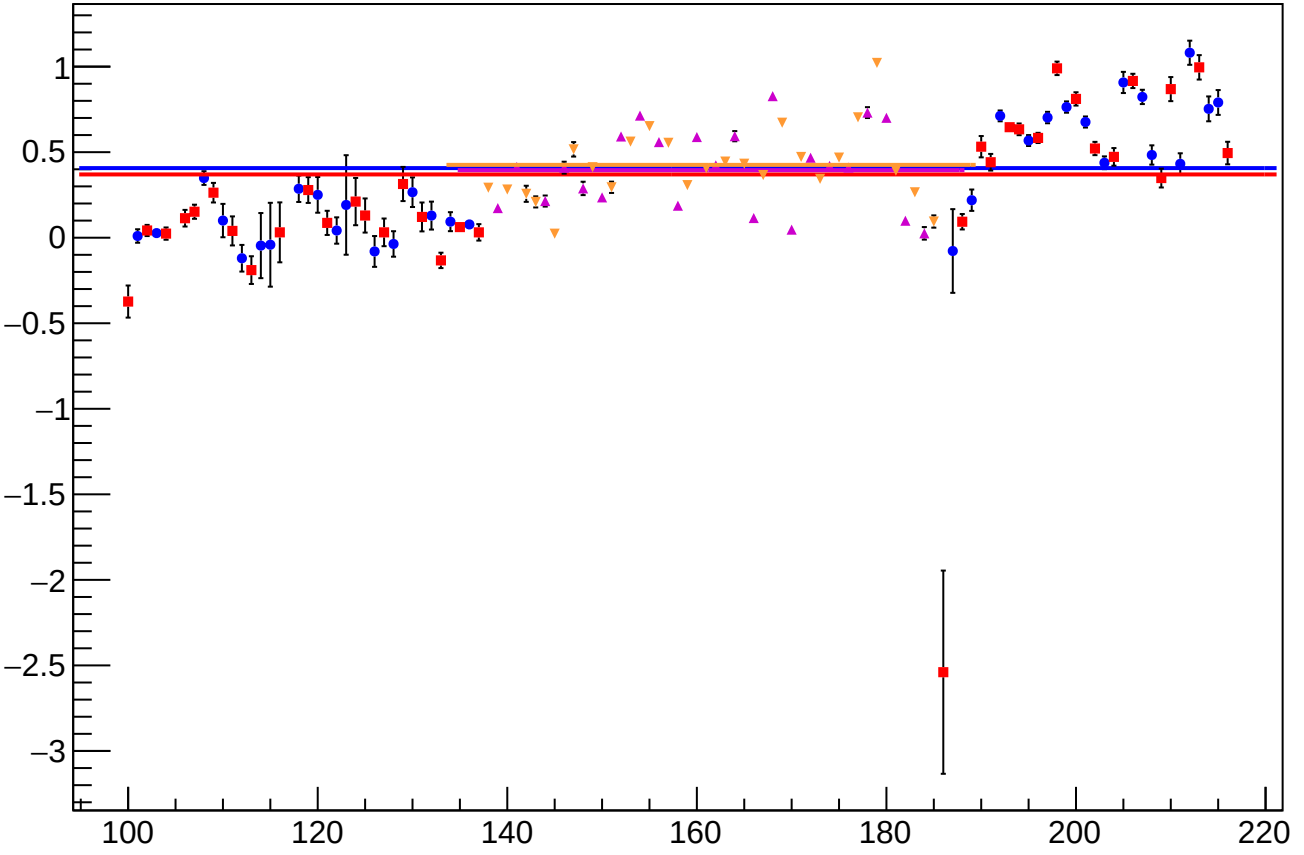
Left In: -37.809+/-0.122 χ^2/NDF:1039.9/22

\+ sign -34.290+/-0.102 χ^2/NDF: 13405.2/56

All: -33.966+/-0.073 χ^2/NDF: 30467.8/114

\- sign -33.634+/-0.103 χ^2/NDF: 17042.3/57

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.407+/-0.008 χ^2/NDF: 1402.0/31

Left Out: 0.426+/-0.005 χ^2/NDF:1303.7/24

Right Out: 0.370+/-0.008 χ^2/NDF: 1709.9/34

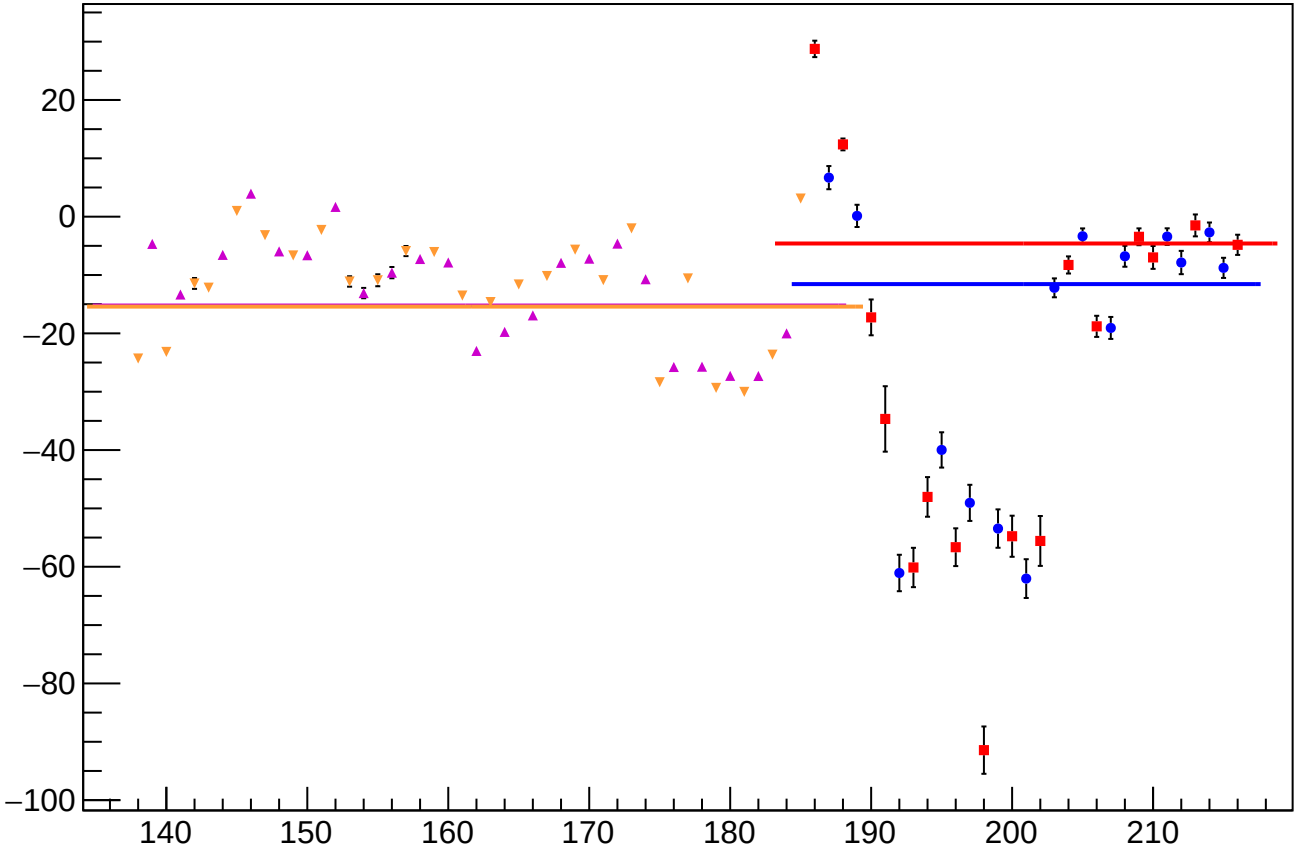
Left In: 0.395+/-0.005 χ^2/NDF:1798.2/22

+ sign 0.420+/-0.005 χ^2/NDF: 2709.2/56

All: 0.404+/-0.003 χ^2/NDF: 6250.4/114

- sign 0.387+/-0.005 χ^2/NDF: 3514.6/57

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -11.557+/-0.501 χ^2/NDF: 1128.4/14

Left Out: -15.413+/-0.105 χ^2/NDF:10509.1/24

Right Out: -4.597+/-0.487 χ^2/NDF: 2456.7/15

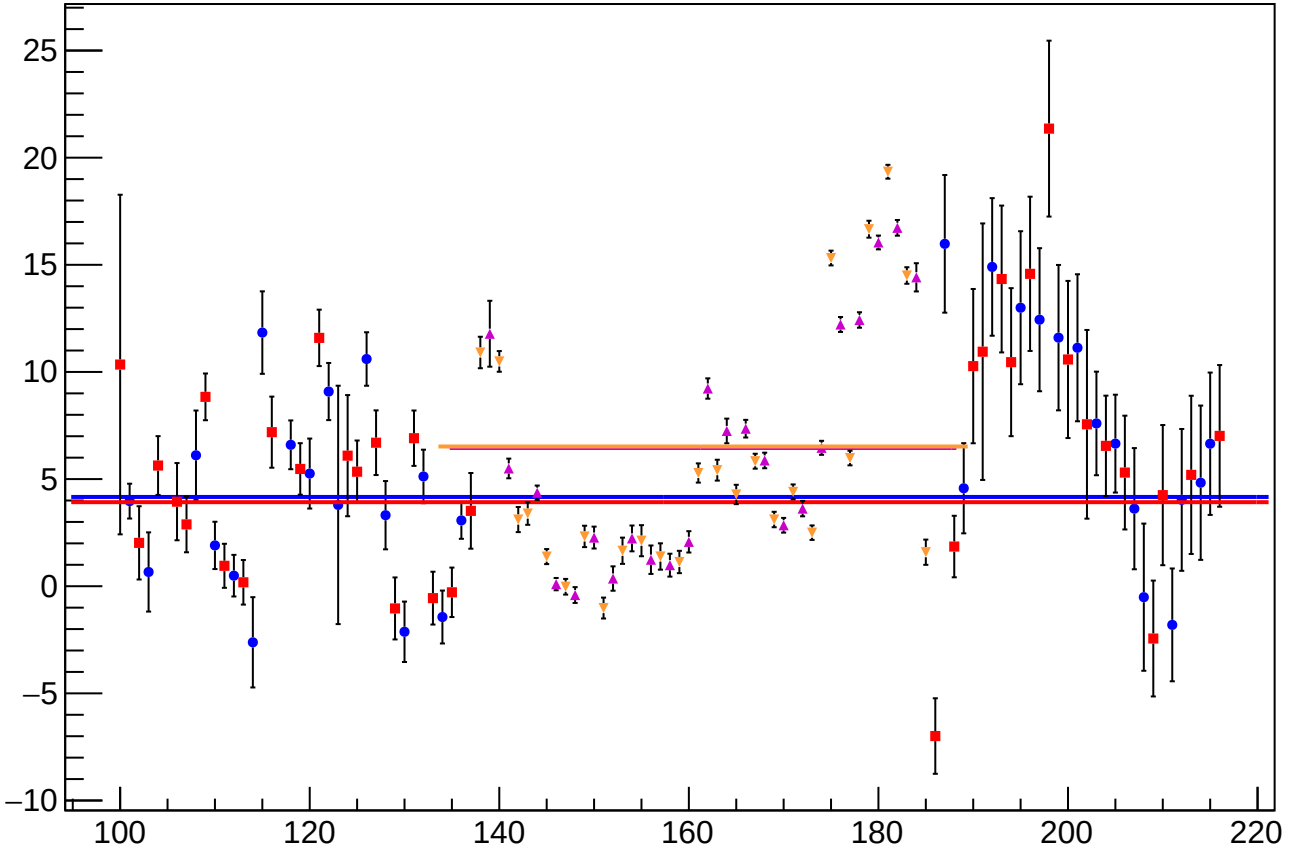
Left In: -15.229+/-0.107 χ^2/NDF:8657.3/22

+ sign -15.249+/-0.103 χ^2/NDF: 11694.3/39

All: -14.999+/-0.073 χ^2/NDF: 23274.4/78

- sign -14.743+/-0.104 χ^2/NDF: 11568.2/38

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.166+/-0.288 χ^2/NDF: 194.3/31

Left Out: 6.521+/-0.085 χ^2/NDF:4985.2/24

Right Out: 3.923+/-0.288 χ^2/NDF: 230.3/34

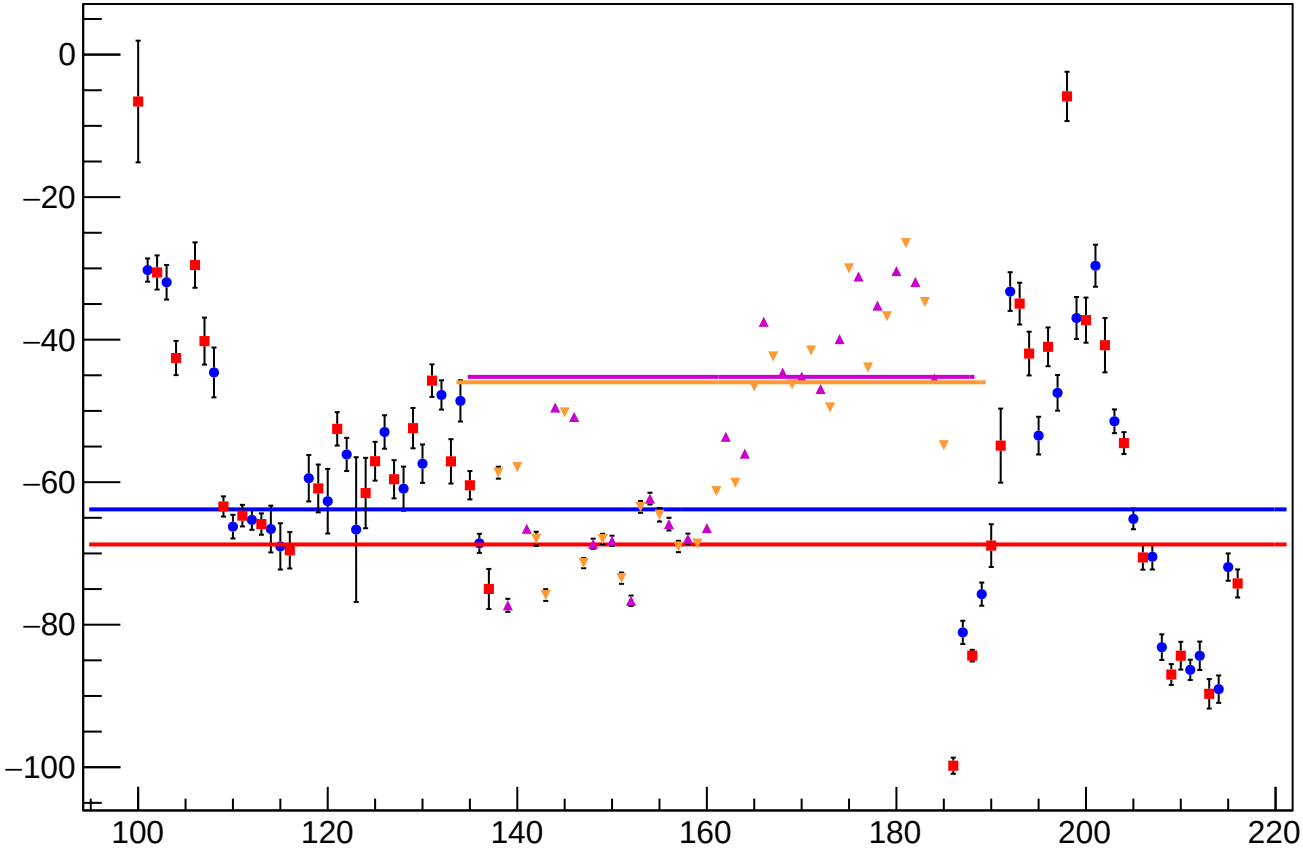
Left In: 6.452+/-0.086 χ^2/NDF:3948.0/22

+ sign 6.330+/-0.082 χ^2/NDF: 5241.0/56

All: 6.288+/-0.058 χ^2/NDF: 9490.6/114

- sign 6.245+/-0.083 χ^2/NDF: 4249.0/57

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -63.816+/-0.364 χ^2/NDF: 2074.1/31

Left Out: -45.982+/-0.106 χ^2/NDF:17360.1/24

Right Out: -68.738+/-0.343 χ^2/NDF: 3270.0/34

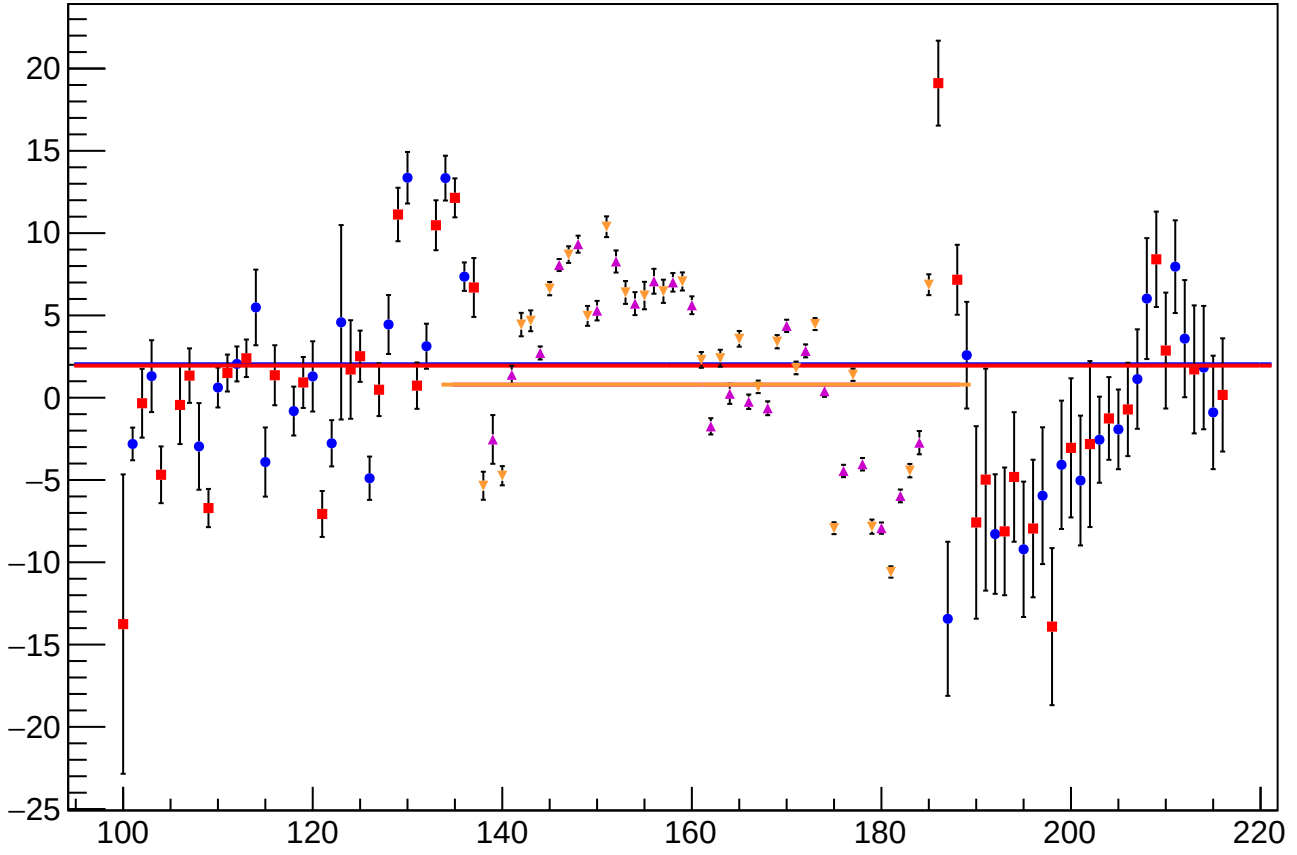
Left In: -45.222+/-0.107 χ^2/NDF:15600.2/22

+ sign -47.380+/-0.102 χ^2/NDF: 21643.0/56

All: -47.346+/-0.072 χ^2/NDF: 44790.8/114

- sign -47.312+/-0.102 χ^2/NDF: 23147.5/57

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.031+/-0.323 χ^2/NDF: 292.3/31

Left Out: 0.797+/-0.096 χ^2/NDF:3760.0/24

Right Out: 1.949+/-0.328 χ^2/NDF: 355.0/34

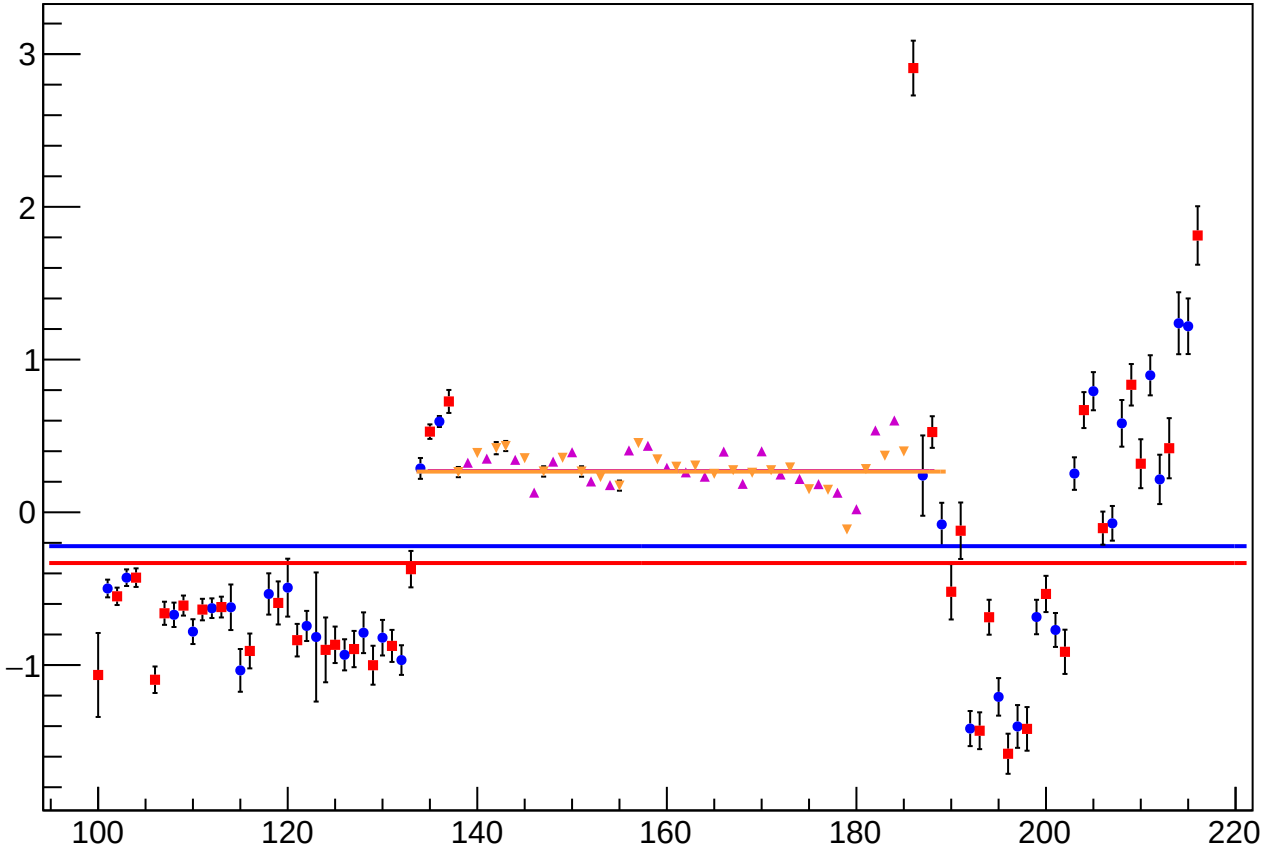
Left In: 0.792+/-0.097 χ^2/NDF:2692.5/22

+ sign 0.897+/-0.092 χ^2/NDF: 4065.7/56

All: 0.891+/-0.065 χ^2/NDF: 7124.7/114

- sign 0.884+/-0.093 χ^2/NDF: 3059.0/57

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.222+/-0.017 χ^2/NDF: 1555.9/31

Left Out: 0.267+/-0.004 χ^2/NDF:699.8/24

Right Out: -0.332+/-0.017 χ^2/NDF: 1819.3/34

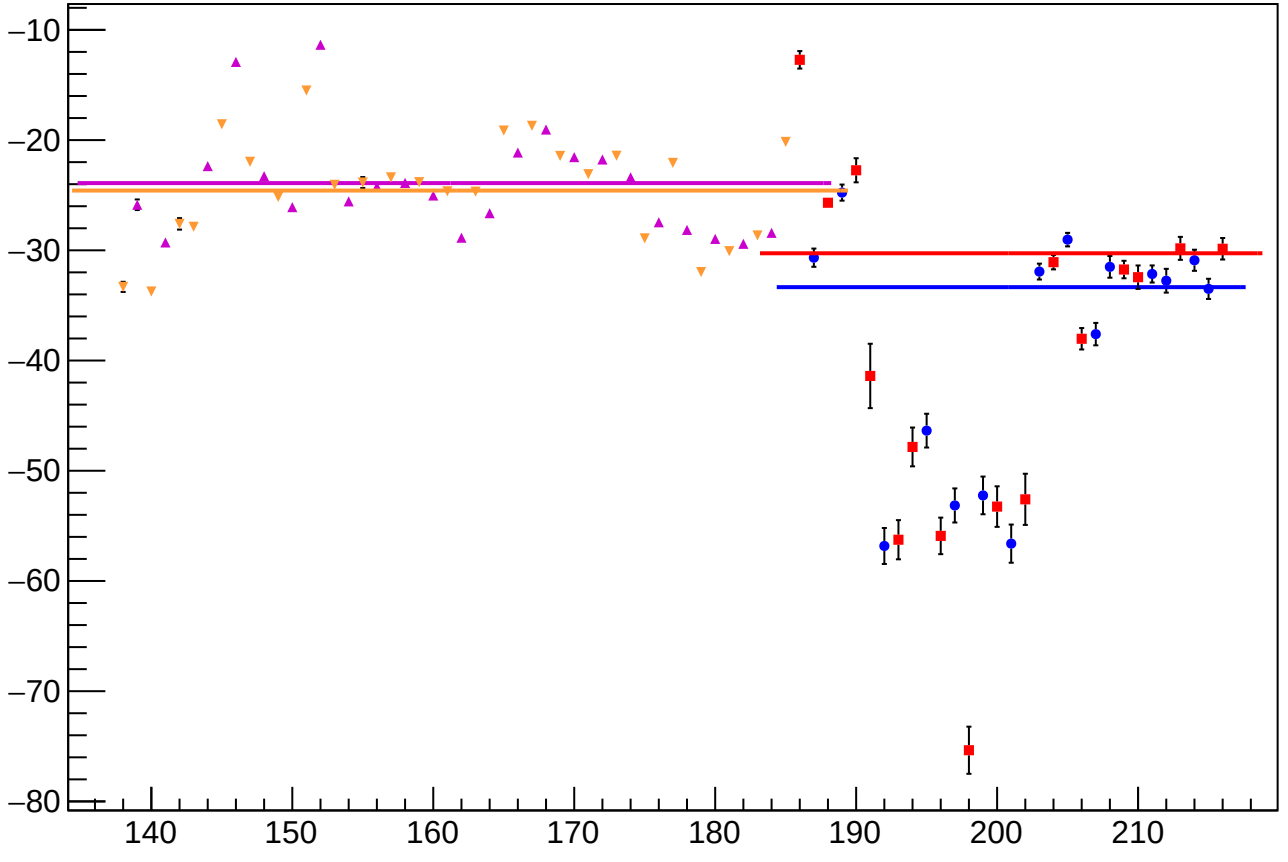
Left In: 0.270+/-0.004 χ^2/NDF:969.9/22

+ sign 0.235+/-0.004 χ^2/NDF: 3065.9/56

All: 0.233+/-0.003 χ^2/NDF: 7085.4/114

- sign 0.230+/-0.004 χ^2/NDF: 4018.9/57

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -33.341+/-0.245 χ^2/NDF: 977.3/14

Left Out: -24.577+/-0.051 χ^2/NDF:8590.4/24

Right Out: -30.268+/-0.239 χ^2/NDF: 1983.4/15

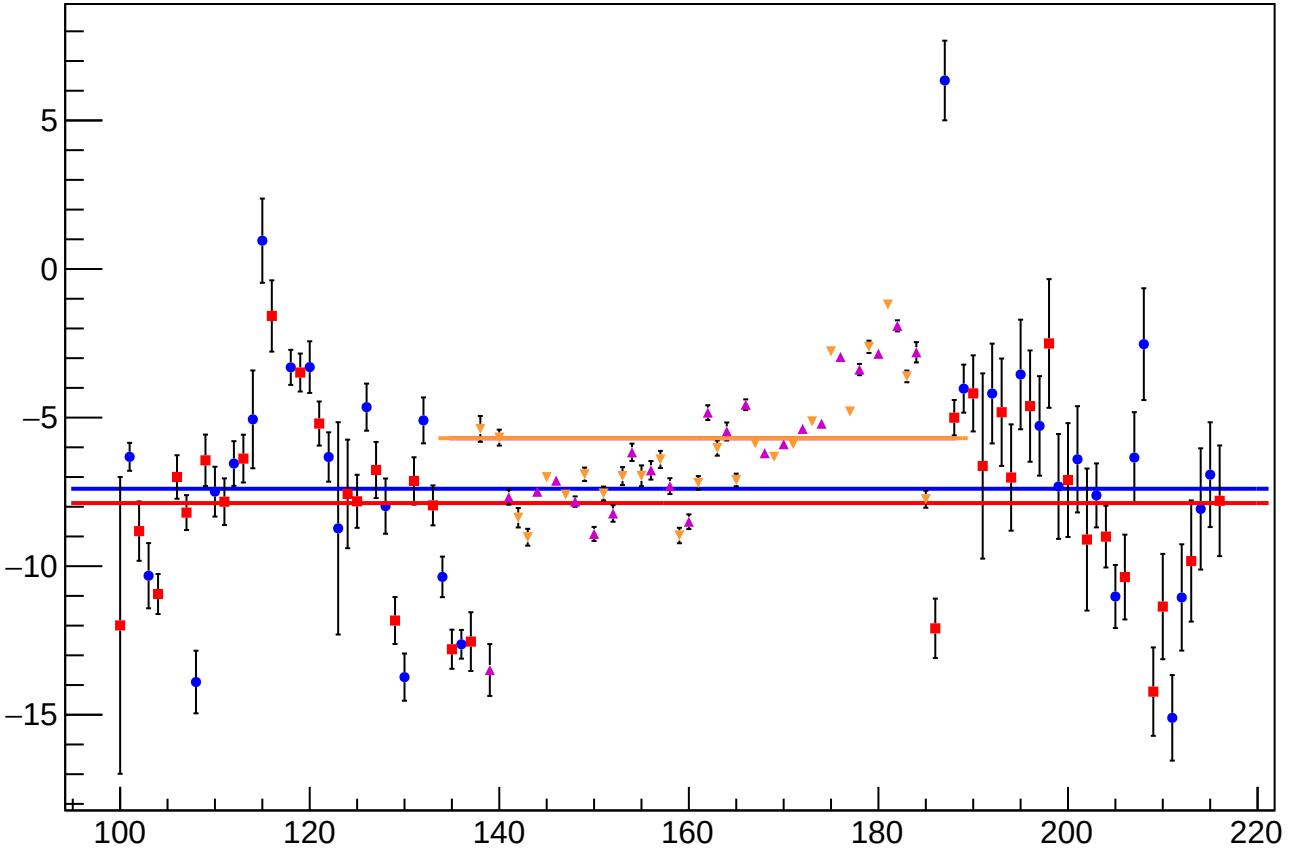
Left In: -23.901+/-0.051 χ^2/NDF:9154.9/22

+ sign -24.940+/-0.050 χ^2/NDF: 10790.1/39

All: -24.560+/-0.035 χ^2/NDF: 22721.8/78

- sign -24.179+/-0.050 χ^2/NDF: 11815.6/38

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.395+/-0.167 χ^2/NDF: 565.8/31

Left Out: -5.694+/-0.041 χ^2/NDF:2258.3/24

Right Out: -7.876+/-0.163 χ^2/NDF: 312.9/34

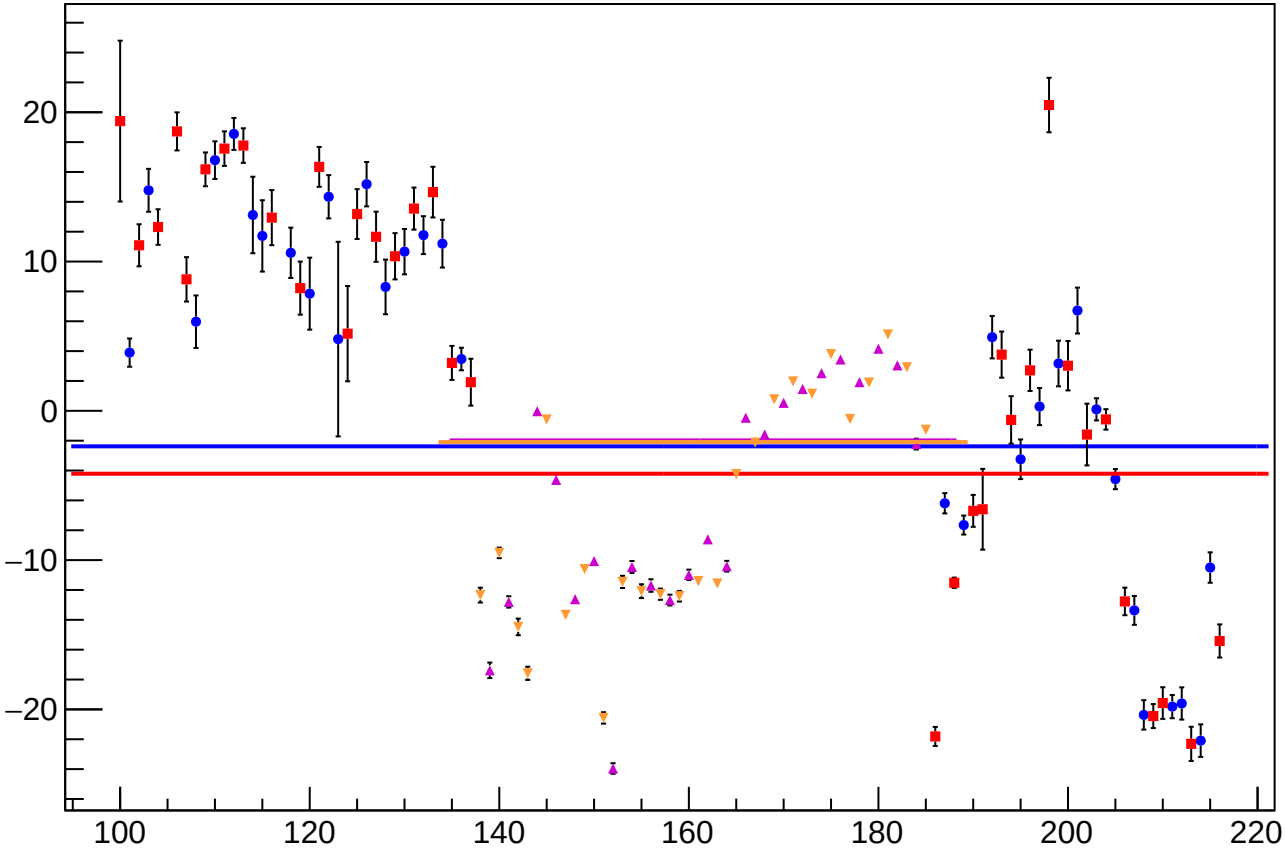
Left In: -5.696+/-0.041 χ^2/NDF:2309.8/22

+ sign -5.792+/-0.040 χ^2/NDF: 2922.3/56

All: -5.808+/-0.028 χ^2/NDF: 5713.8/114

- sign -5.825+/-0.040 χ^2/NDF: 2791.2/57

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -2.380+/-0.195 χ^2/NDF: 3418.1/31

Left Out: -2.092+/-0.051 χ^2/NDF:16305.3/24

Right Out: -4.213+/-0.181 χ^2/NDF: 5334.4/34

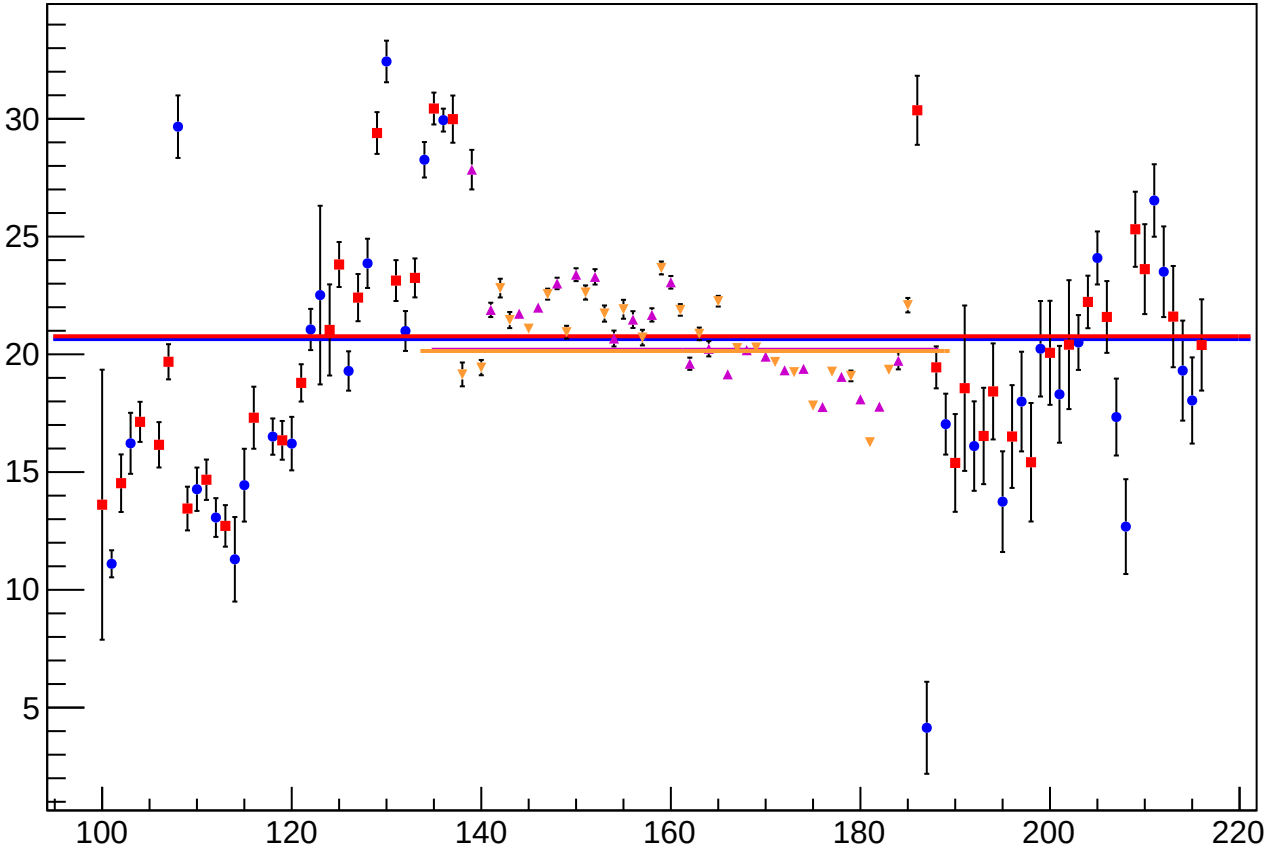
Left In: -1.980+/-0.051 χ^2/NDF:15382.3/22

+ sign -2.111+/-0.050 χ^2/NDF: 19725.4/56

All: -2.128+/-0.035 χ^2/NDF: 40582.7/114

- sign -2.146+/-0.049 χ^2/NDF: 20857.0/57

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.647+/-0.189 χ^2/NDF: 1359.6/31

Left Out: 20.141+/-0.046 χ^2/NDF:1419.1/24

Right Out: 20.767+/-0.190 χ^2/NDF: 800.6/34

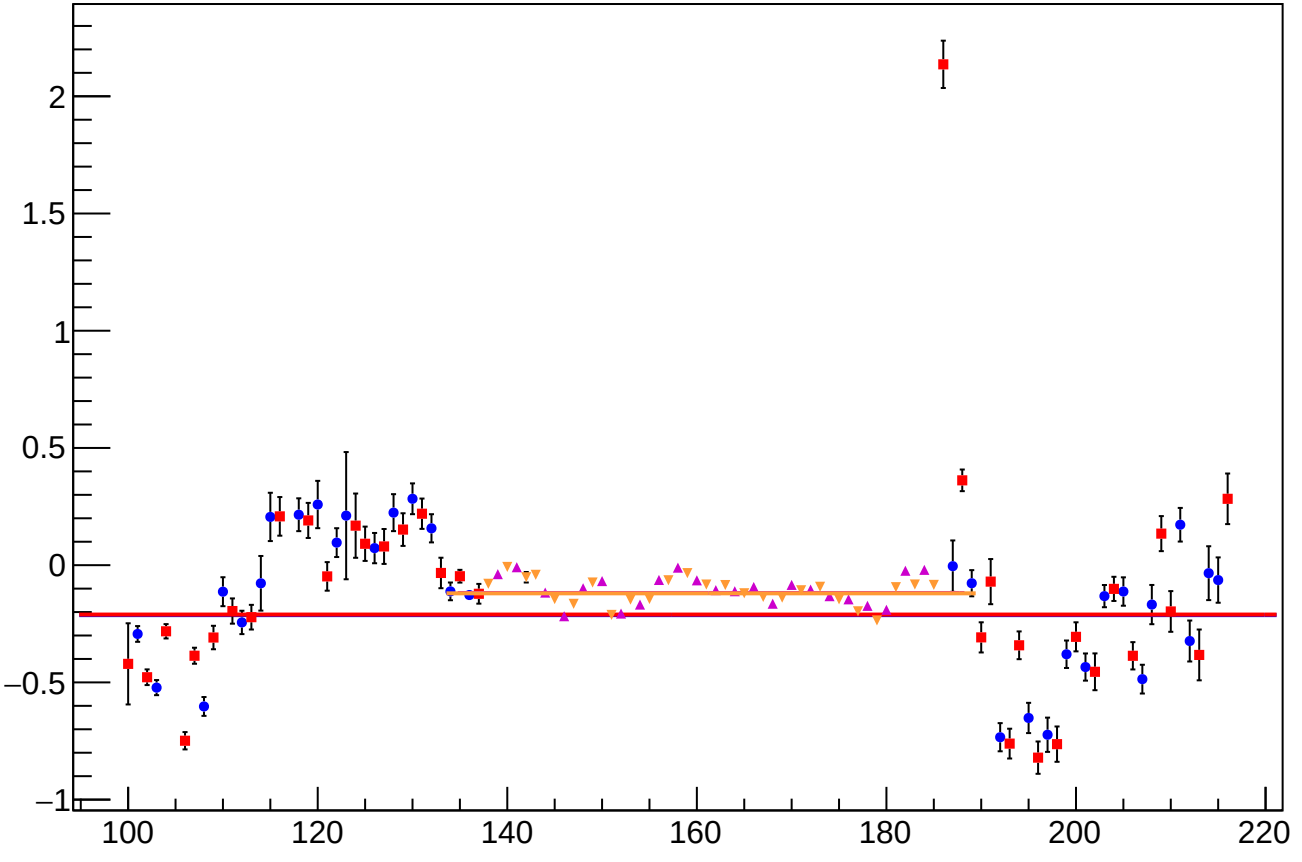
Left In: 20.194+/-0.046 χ^2/NDF:1447.4/22

+ sign 20.169+/-0.045 χ^2/NDF: 2785.4/56

All: 20.197+/-0.032 χ^2/NDF: 5042.7/114

- sign 20.226+/-0.045 χ^2/NDF: 2256.5/57

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.213+/-0.009 χ^2/NDF: 733.9/31

Left Out: -0.120+/-0.002 χ^2/NDF:530.4/24

Right Out: -0.211+/-0.009 χ^2/NDF: 1515.8/34

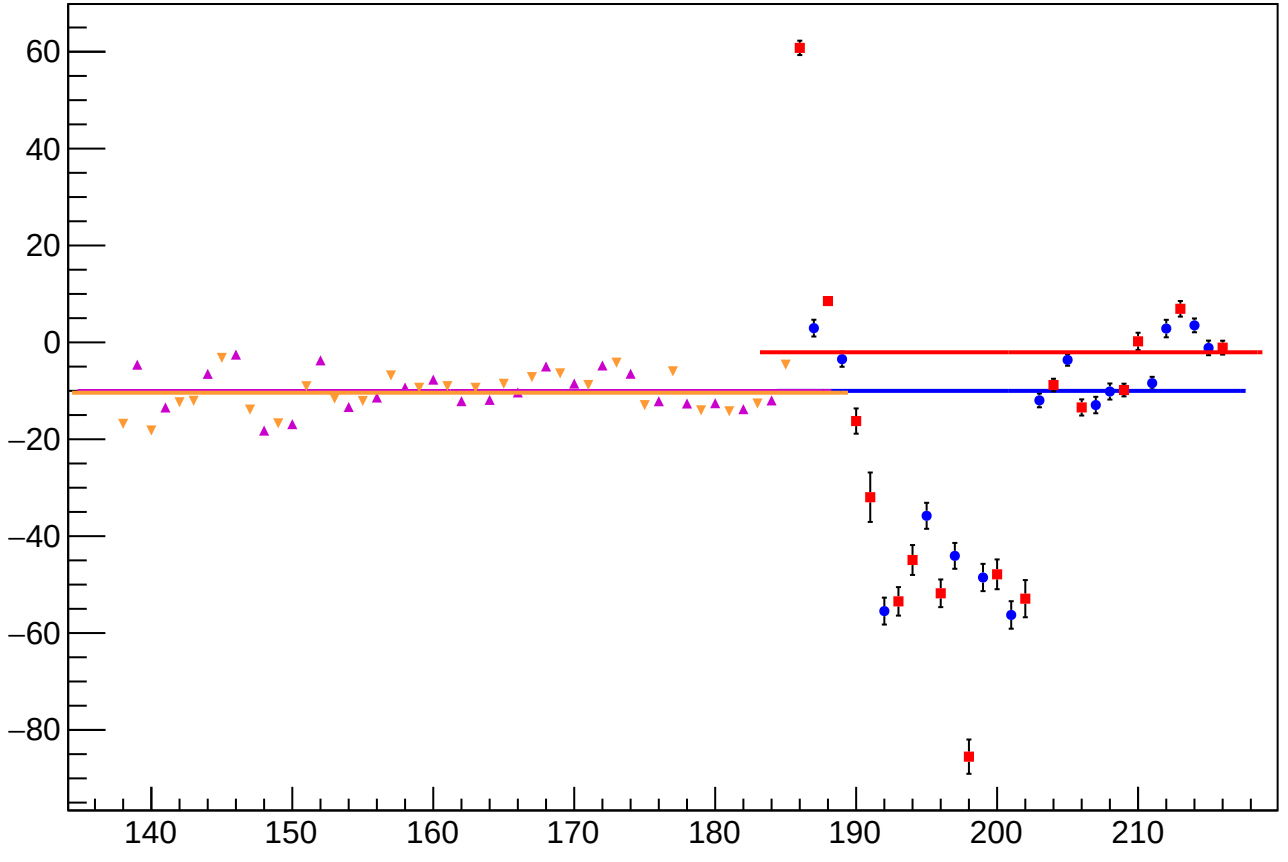
Left In: -0.119+/-0.002 χ^2/NDF:721.8/22

+ sign -0.124+/-0.002 χ^2/NDF: 1357.2/56

All: -0.124+/-0.001 χ^2/NDF: 3689.2/114

- sign -0.123+/-0.002 χ^2/NDF: 2331.8/57

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -10.011+/-0.442 χ^2/NDF: 1259.9/14

Left Out: -10.391+/-0.088 χ^2/NDF:2111.6/24

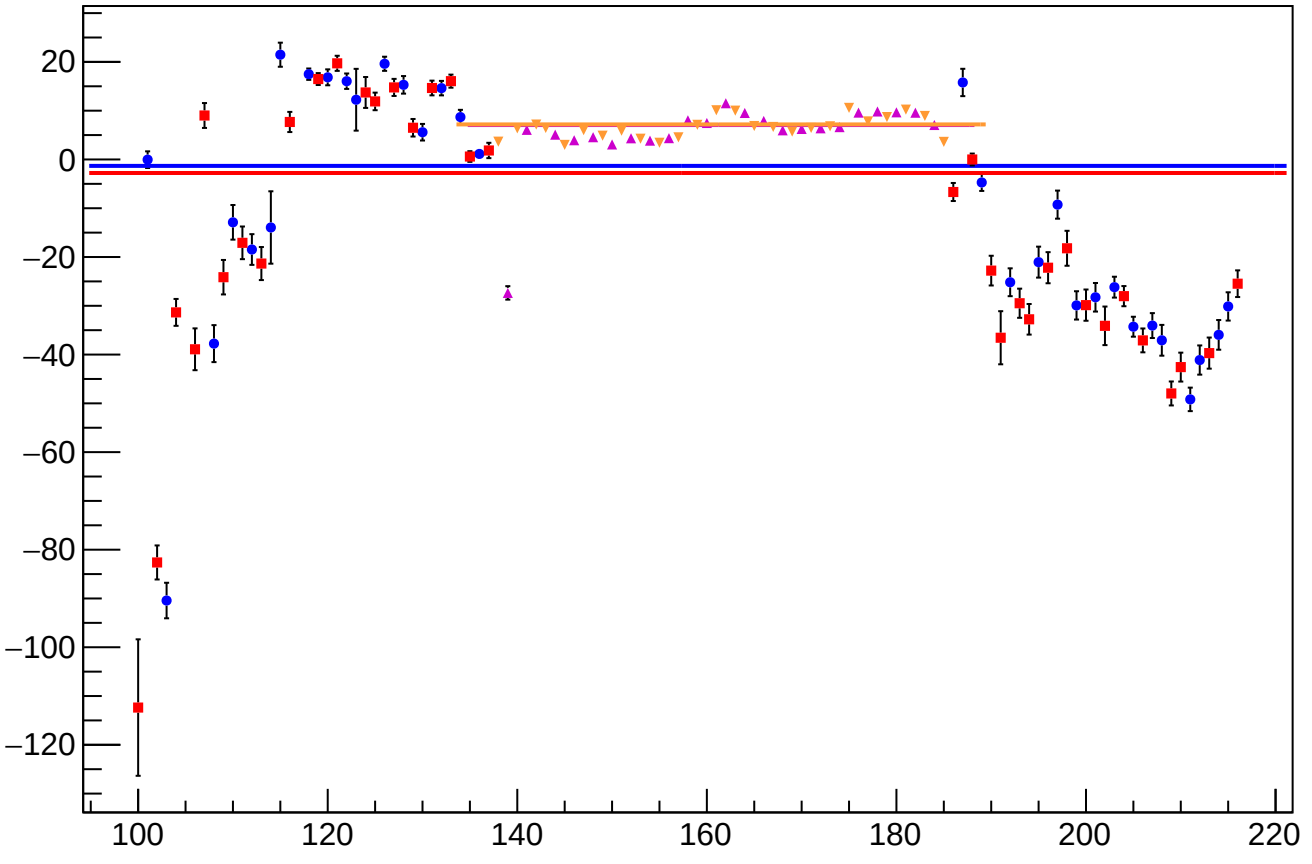
Right Out: -2.043+/-0.434 χ^2/NDF: 3900.7/15

Left In: -10.036+/-0.090 χ^2/NDF:1758.7/22

+ sign -10.376+/-0.086 χ^2/NDF: 3372.2/39

All: -10.049+/-0.061 χ^2/NDF: 9386.7/78

- sign -9.709+/-0.088 χ^2/NDF: 5985.1/38



Right In: -1.318+/-0.347 χ^2/NDF: 3635.6/31

Left Out: 7.184+/-0.073 χ^2/NDF:917.3/24

Right Out: -2.774+/-0.357 χ^2/NDF: 3445.1/34

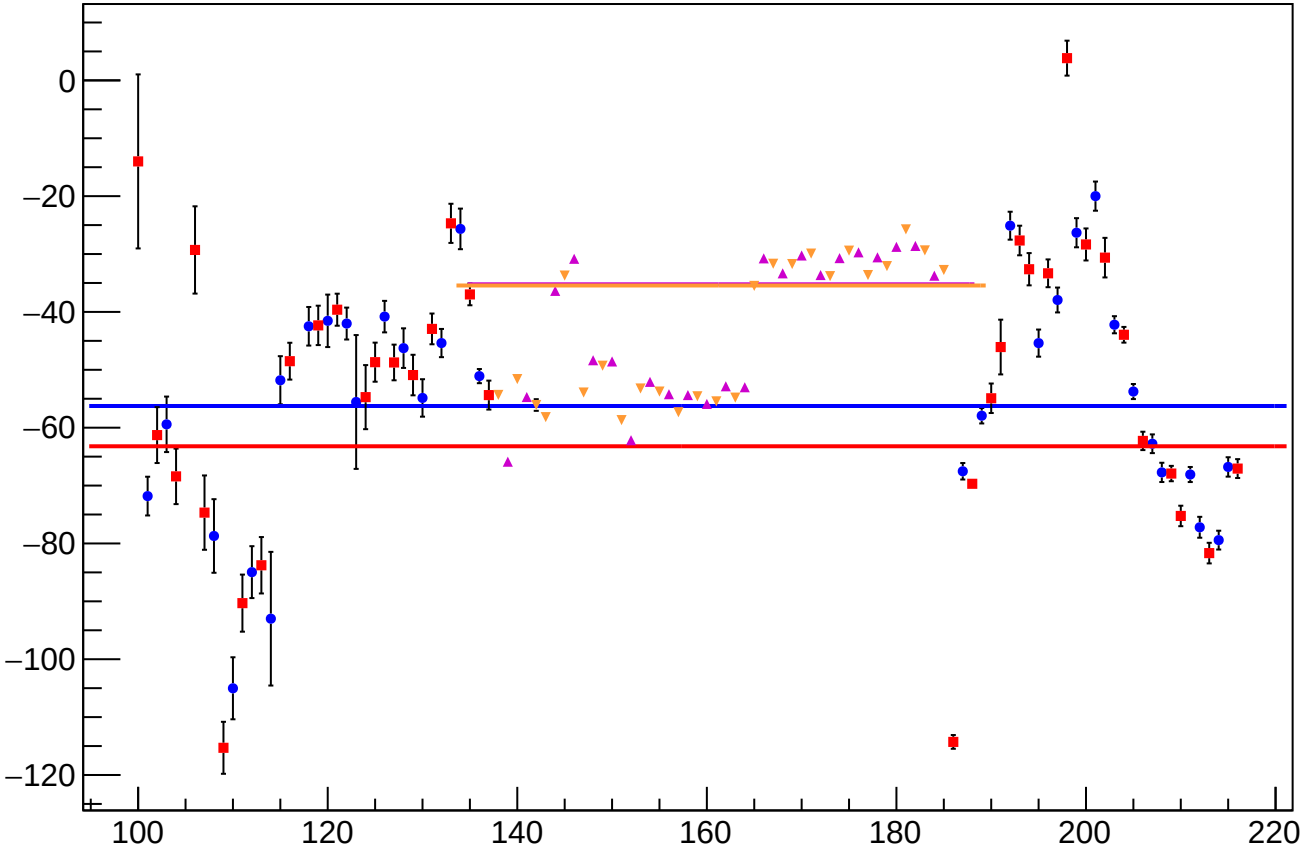
Left In: 7.053+/-0.074 χ^2/NDF:1535.8/22

+ sign 6.820+/-0.072 χ^2/NDF: 5126.7/56

All: 6.733+/-0.051 χ^2/NDF: 10838.1/114

- sign 6.645+/-0.073 χ^2/NDF: 5708.4/57

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -56.253+/-0.373 χ^2/NDF: 1670.0/31

Left Out: -35.434+/-0.089 χ^2/NDF:12782.8/24

Right Out: -63.211+/-0.357 χ^2/NDF: 4345.9/34

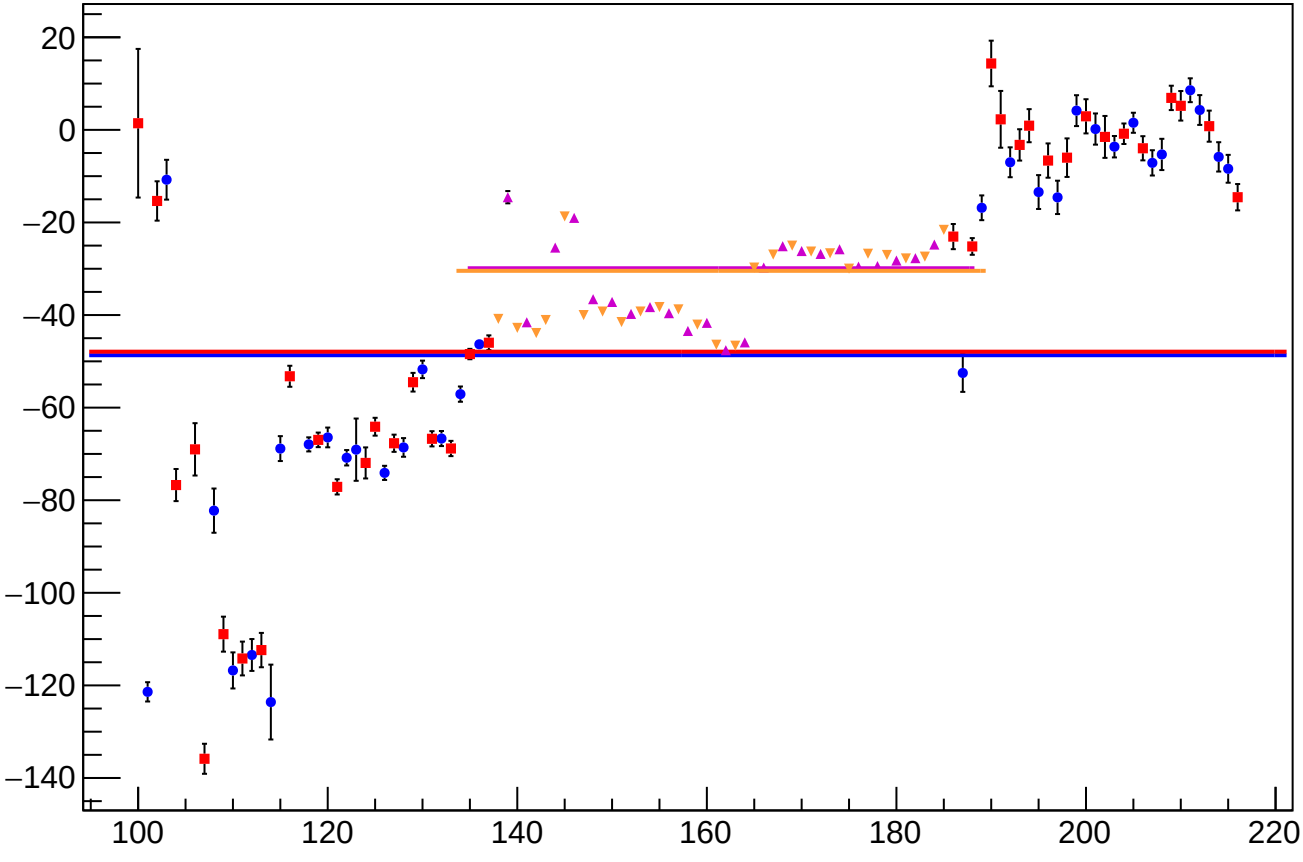
Left In: -35.229+/-0.090 χ^2/NDF:11602.9/22

\+ sign -36.555+/-0.087 χ^2/NDF: 17397.3/56

All: -36.729+/-0.061 χ^2/NDF: 39136.1/114

\- sign -36.906+/-0.087 χ^2/NDF: 21730.6/57

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -48.677+/-0.388 χ^2/NDF: 6486.3/31

Left Out: -30.448+/-0.082 χ^2/NDF:8167.7/24

Right Out: -47.912+/-0.408 χ^2/NDF: 5927.5/34

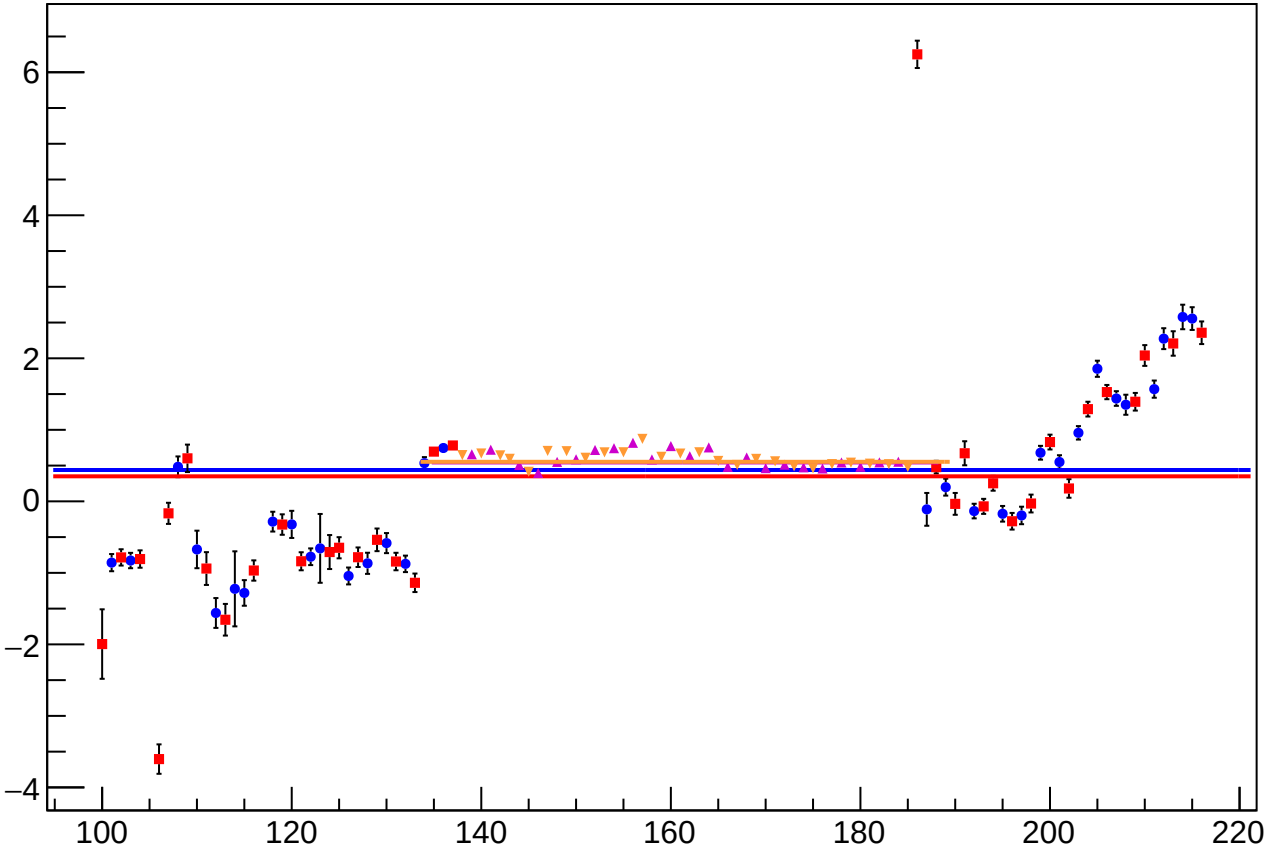
Left In: -29.892+/-0.083 χ^2/NDF:7115.0/22

\+ sign -31.221+/-0.080 χ^2/NDF: 16773.2/56

All: -30.915+/-0.057 χ^2/NDF: 31718.9/114

\- sign -30.601+/-0.081 χ^2/NDF: 14916.0/57

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.438+/-0.019 χ^2/NDF: 2140.9/31

Left Out: 0.553+/-0.004 χ^2/NDF:542.1/24

Right Out: 0.350+/-0.020 χ^2/NDF: 3151.4/34

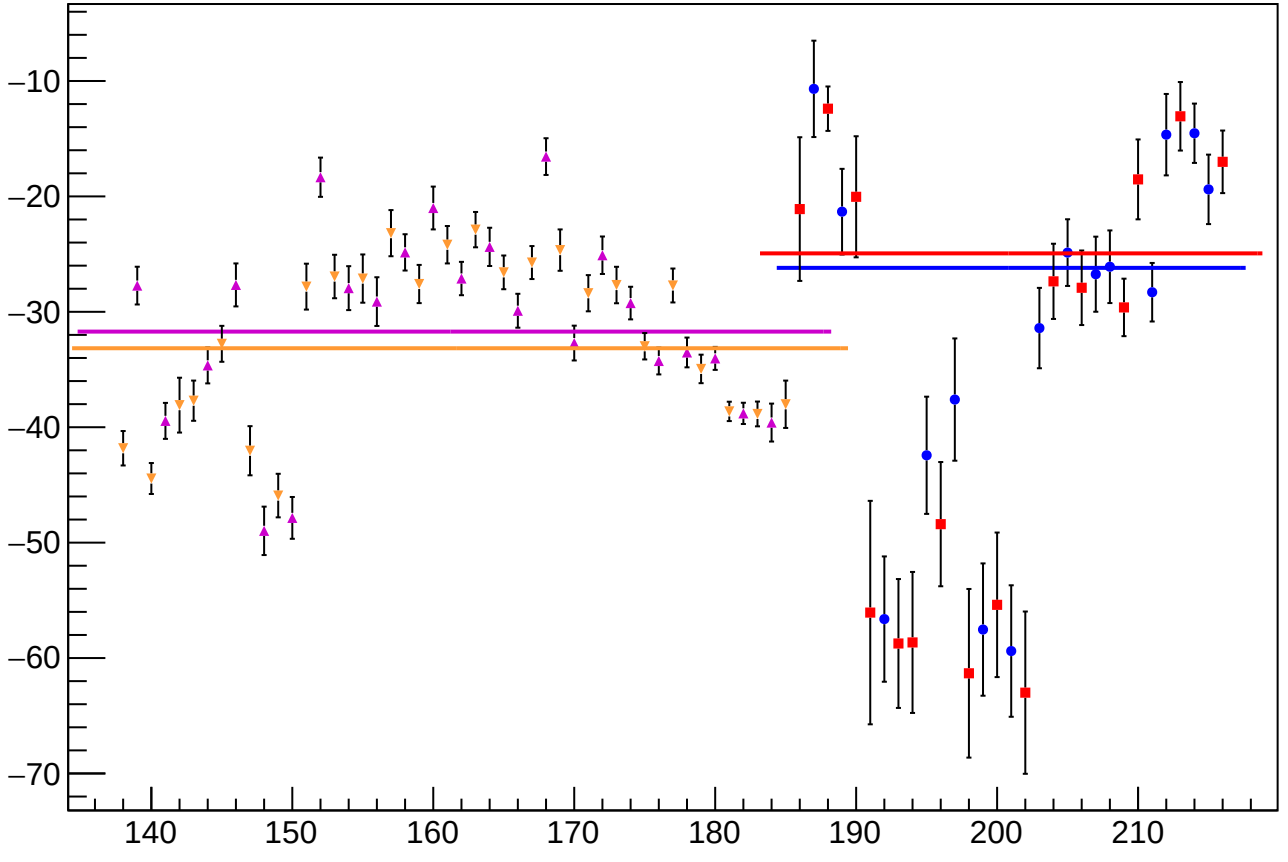
Left In: 0.544+/-0.004 χ^2/NDF:655.9/22

+ sign 0.549+/-0.004 χ^2/NDF: 2718.6/56

All: 0.543+/-0.003 χ^2/NDF: 6622.7/114

- sign 0.537+/-0.004 χ^2/NDF: 3899.1/57

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -26.192+/-0.915 χ^2/NDF: 165.2/14

Left Out: -33.157+/-0.300 χ^2/NDF:500.1/24

Right Out: -24.936+/-0.919 χ^2/NDF: 250.8/15

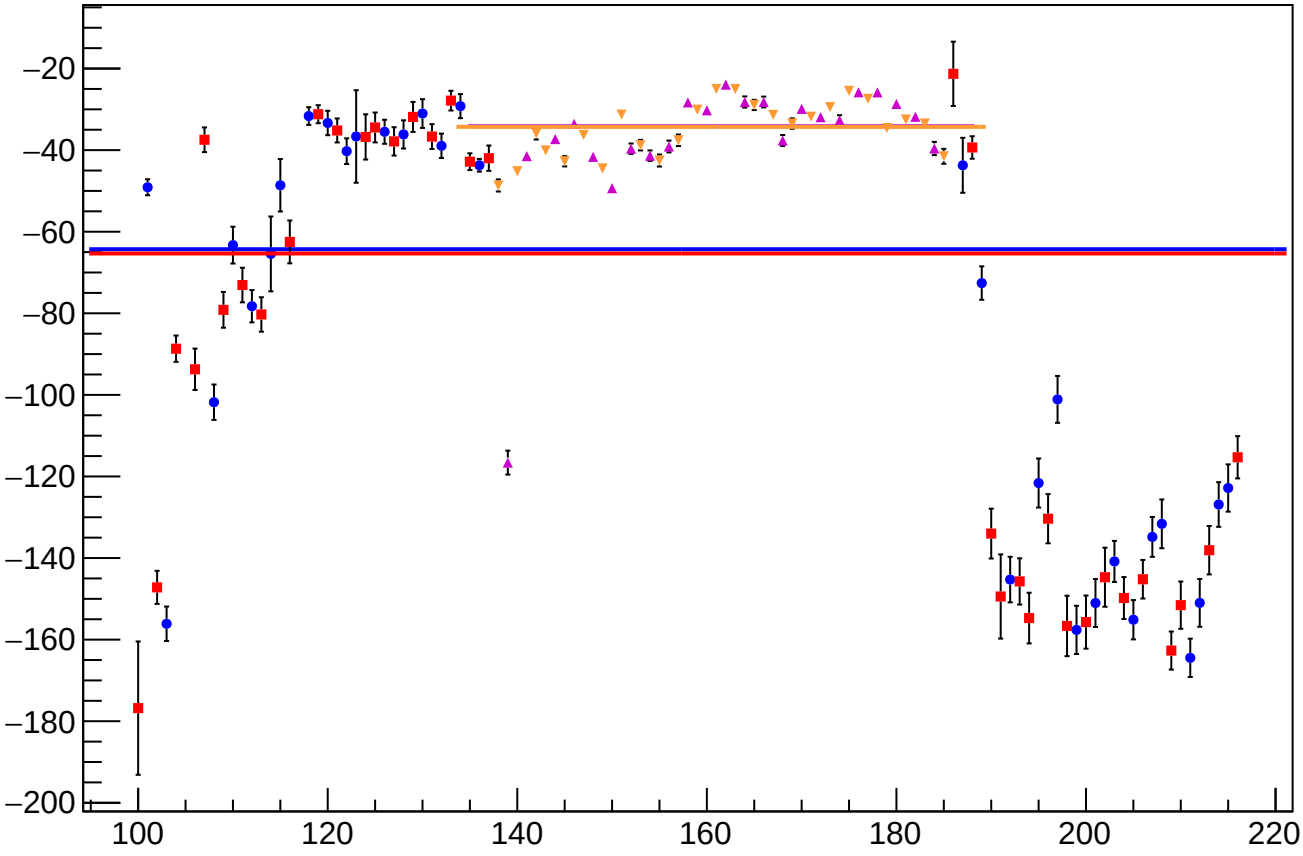
Left In: -31.714+/-0.309 χ^2/NDF:542.3/22

+ sign -32.480+/-0.285 χ^2/NDF: 717.7/39

All: -31.772+/-0.204 χ^2/NDF: 1572.3/78

- sign -31.026+/-0.293 χ^2/NDF: 842.0/38

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -64.293+/-0.646 χ^2/NDF: 4313.8/31

Left Out: -34.287+/-0.241 χ^2/NDF:695.3/24

Right Out: -65.338+/-0.665 χ^2/NDF: 4495.0/34

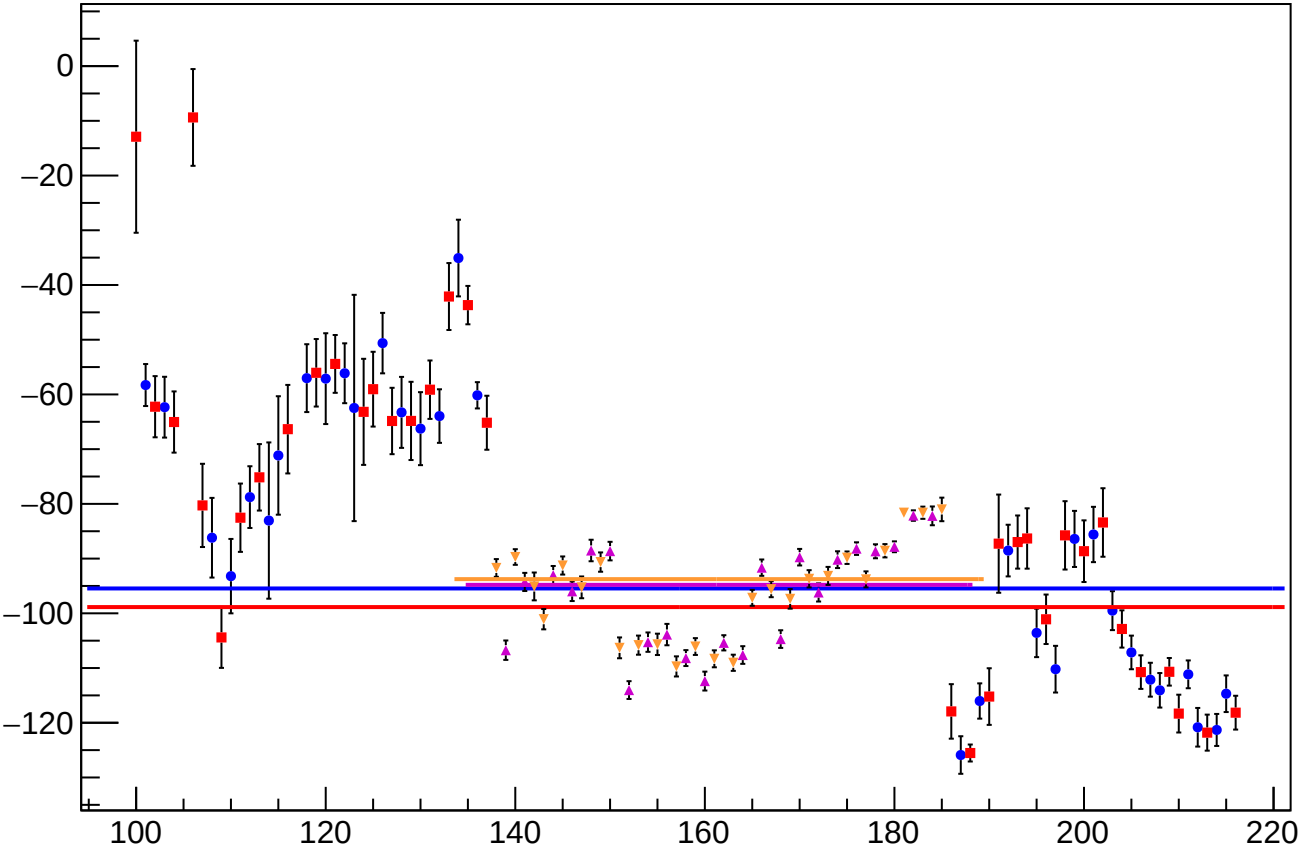
Left In: -34.145+/-0.251 χ^2/NDF:1452.6/22

+ sign -37.961+/-0.226 χ^2/NDF: 6899.8/56

All: -37.996+/-0.163 χ^2/NDF: 14776.0/114

- sign -38.034+/-0.235 χ^2/NDF: 7876.1/57

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -95.459+/-0.742 χ^2/NDF: 1125.2/31

Left Out: -93.754+/-0.302 χ^2/NDF:883.1/24

Right Out: -98.861+/-0.732 χ^2/NDF: 1412.2/34

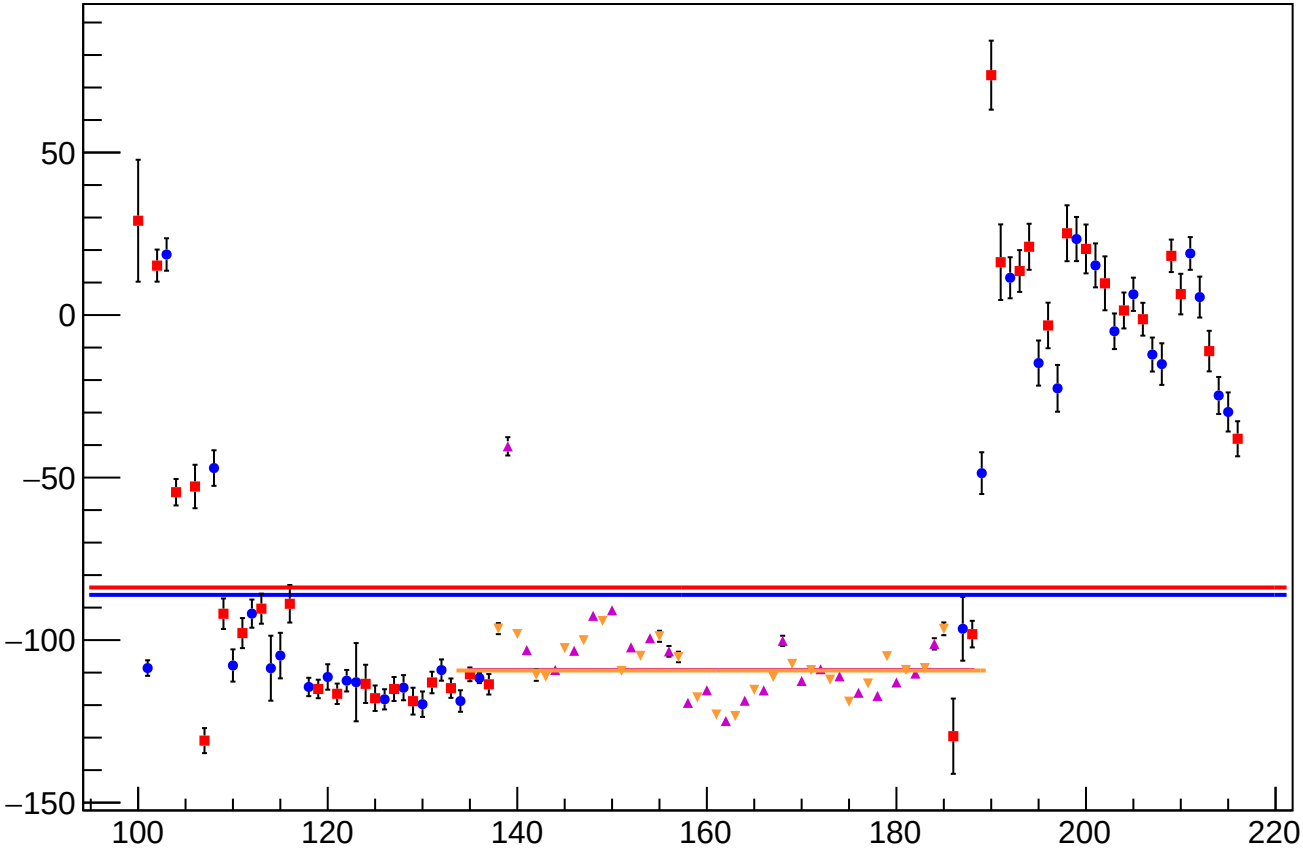
Left In: -94.796+/-0.308 χ^2/NDF:974.7/22

+ sign -93.996+/-0.280 χ^2/NDF: 2012.8/56

All: -94.690+/-0.199 χ^2/NDF: 4438.5/114

- sign -95.409+/-0.284 χ^2/NDF: 2413.1/57

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -86.085+/-0.727 χ^2/NDF: 4137.8/31

Left Out: -109.351+/-0.271 χ^2/NDF:826.8/24

Right Out: -83.810+/-0.759 χ^2/NDF: 4307.1/34

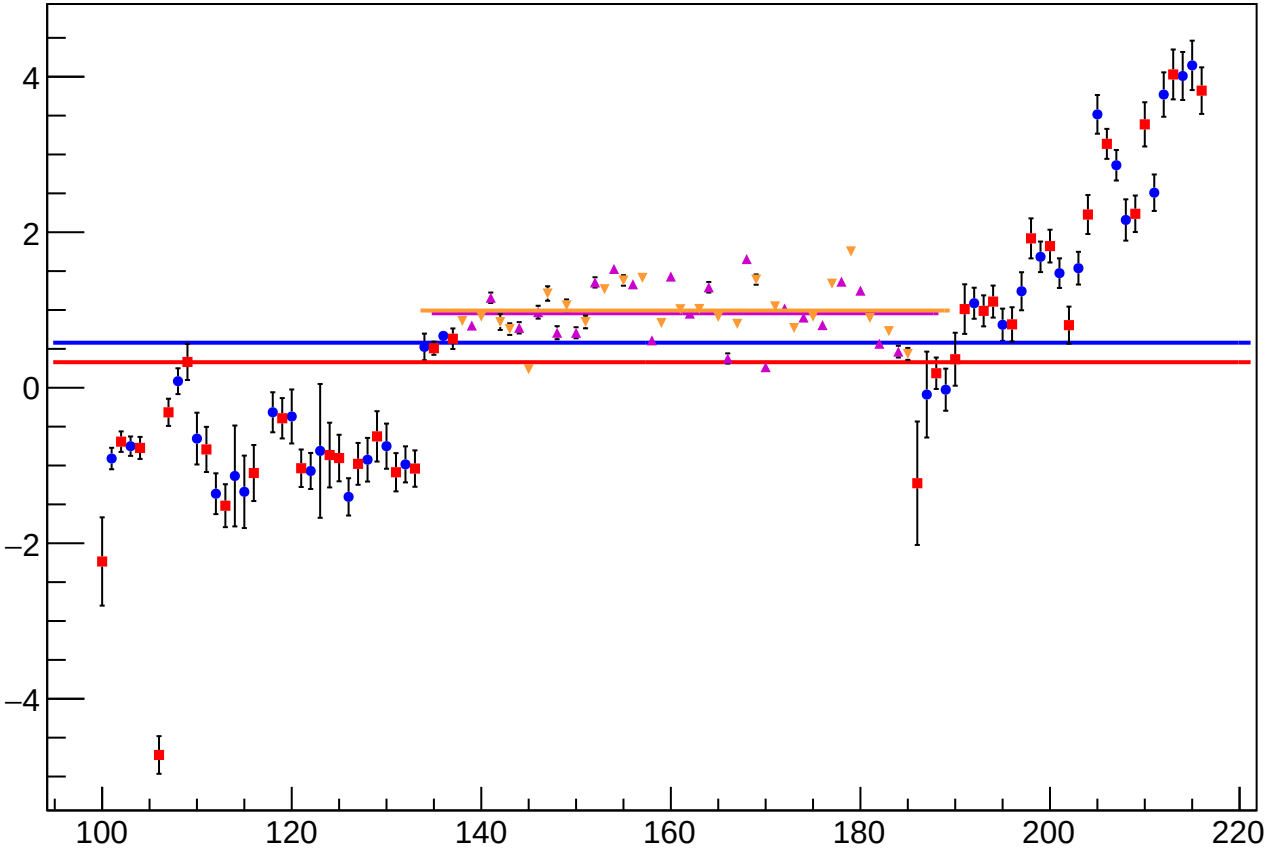
Left In: -109.184+/-0.280 χ^2/NDF:1501.1/22

+ sign -106.508+/-0.254 χ^2/NDF: 5863.9/56

All: -106.333+/-0.183 χ^2/NDF: 12656.6/114

- sign -106.147+/-0.263 χ^2/NDF: 6791.7/57

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.579+/-0.035 χ^2/NDF: 1418.2/31

Left Out: 0.993+/-0.012 χ^2/NDF:638.6/24

Right Out: 0.329+/-0.036 χ^2/NDF: 1691.4/34

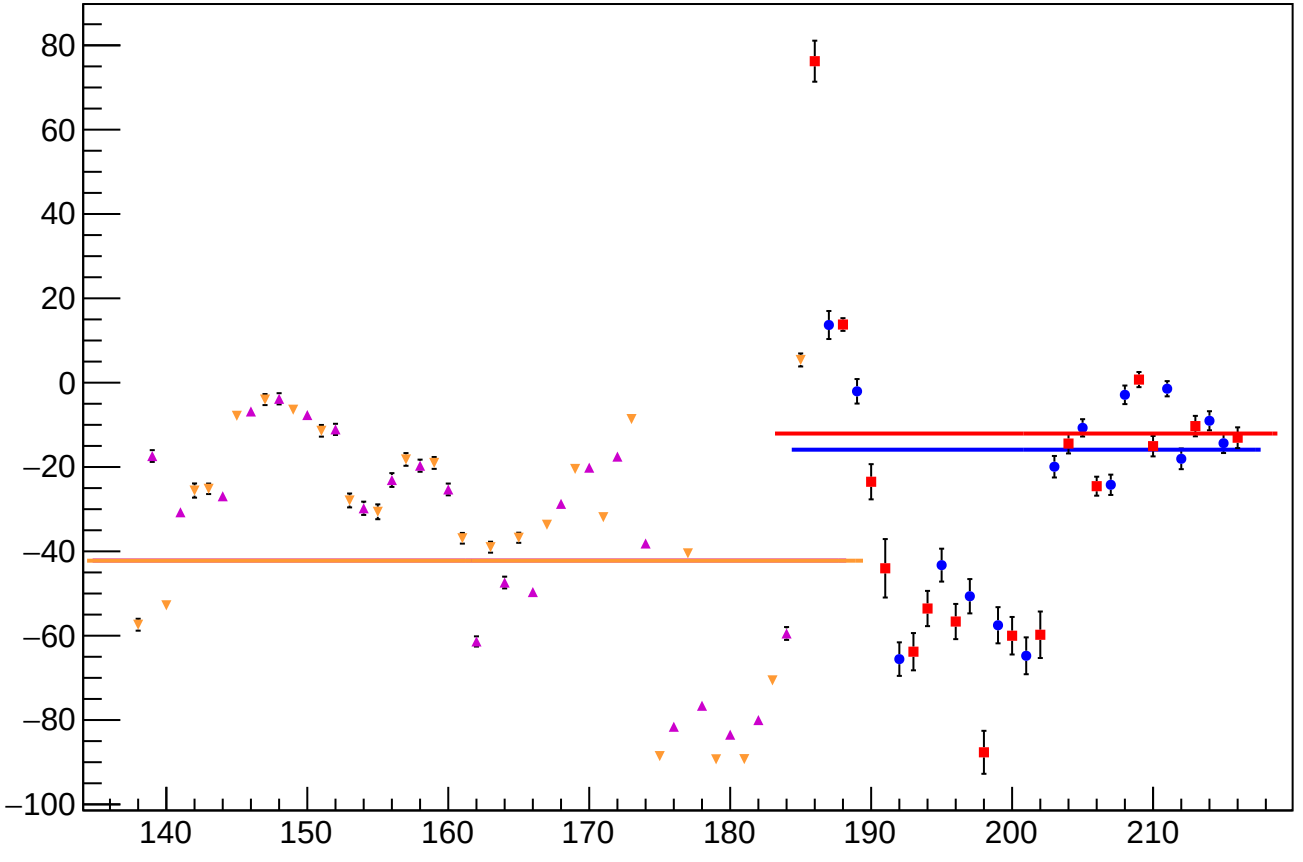
Left In: 0.958+/-0.013 χ^2/NDF:894.5/22

+ sign 0.946+/-0.012 χ^2/NDF: 2181.9/56

All: 0.918+/-0.008 χ^2/NDF: 5054.1/114

- sign 0.888+/-0.012 χ^2/NDF: 2860.0/57

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -15.893+/-0.686 χ^2/NDF: 729.2/14

Left Out: -42.213+/-0.222 χ^2/NDF:18309.1/24

Right Out: -12.062+/-0.700 χ^2/NDF: 1497.4/15

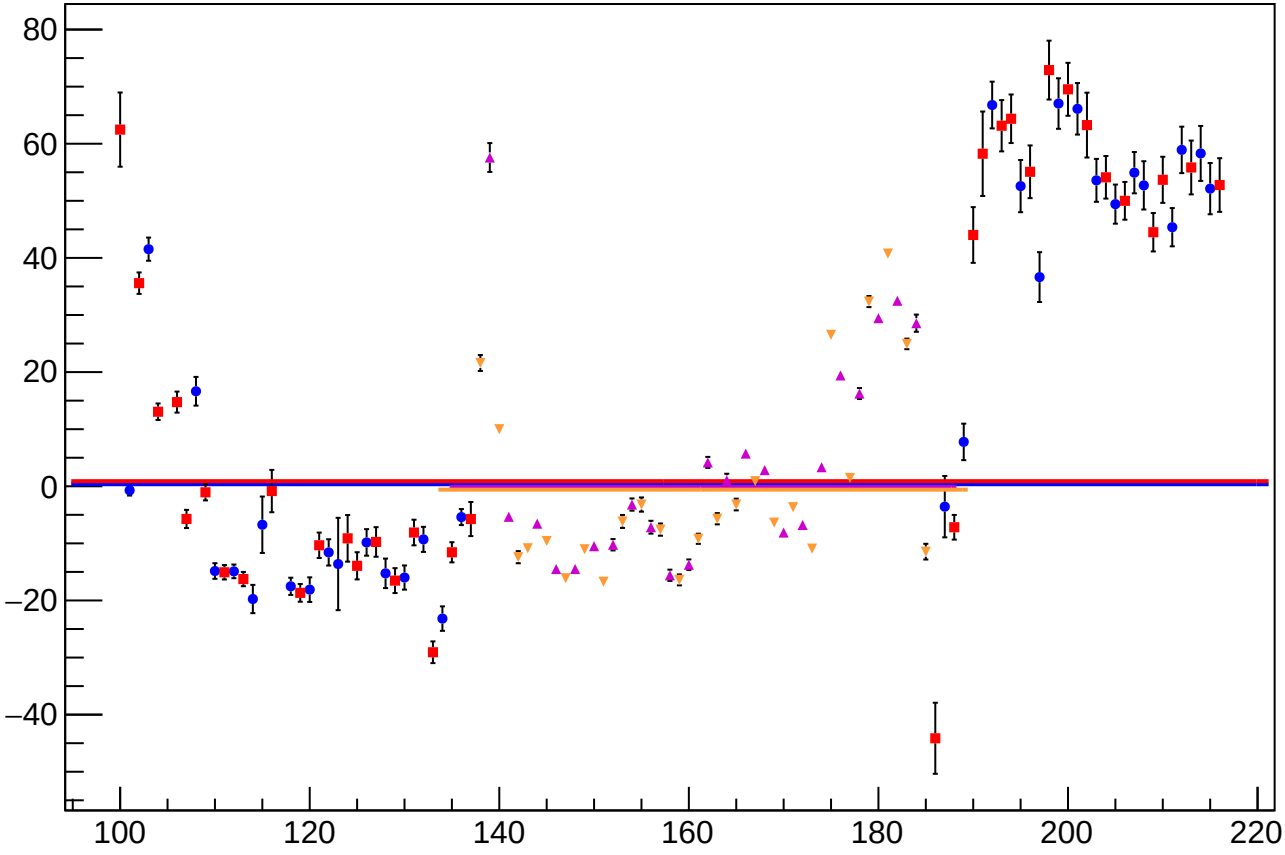
Left In: -42.176+/-0.227 χ^2/NDF:14575.9/22

+ sign -39.717+/-0.211 χ^2/NDF: 20370.9/39

All: -39.516+/-0.151 χ^2/NDF: 38122.3/78

- sign -39.306+/-0.216 χ^2/NDF: 17749.5/38

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: 0.360+/-0.398 χ^2/NDF: 3684.6/31

Left Out: -0.590+/-0.174 χ^2/NDF:8750.9/24

Right Out: 0.897+/-0.395 χ^2/NDF: 3866.1/34

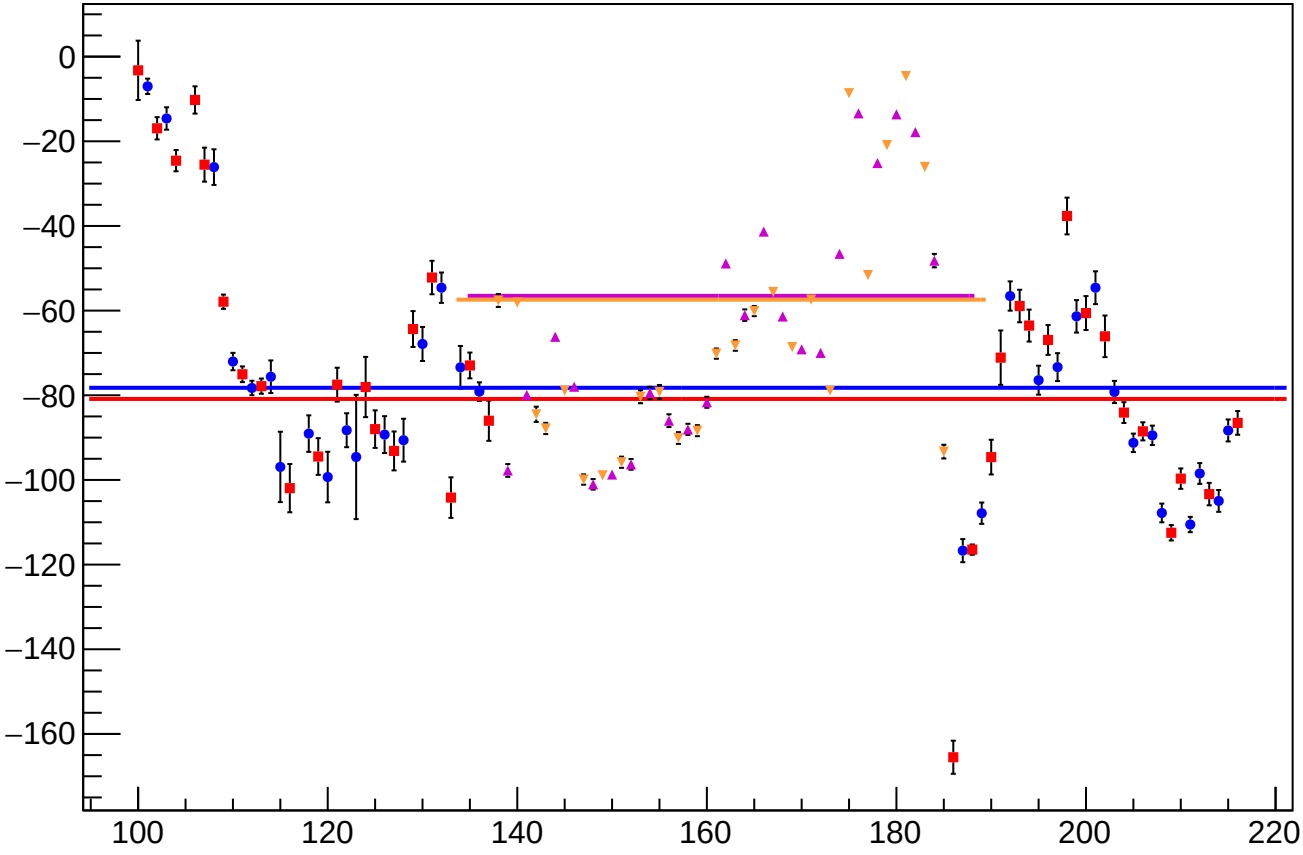
Left In: -0.142+/-0.179 χ^2/NDF:6862.5/22

+ sign -0.437+/-0.160 χ^2/NDF: 12440.3/56

All: -0.206+/-0.114 χ^2/NDF: 23178.8/114

- sign 0.035+/-0.163 χ^2/NDF: 10734.3/57

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -78.230+/-0.500 χ^2/NDF: 3554.1/31

Left Out: -57.413+/-0.223 χ^2/NDF:18604.1/24

Right Out: -80.868+/-0.480 χ^2/NDF: 4213.3/34

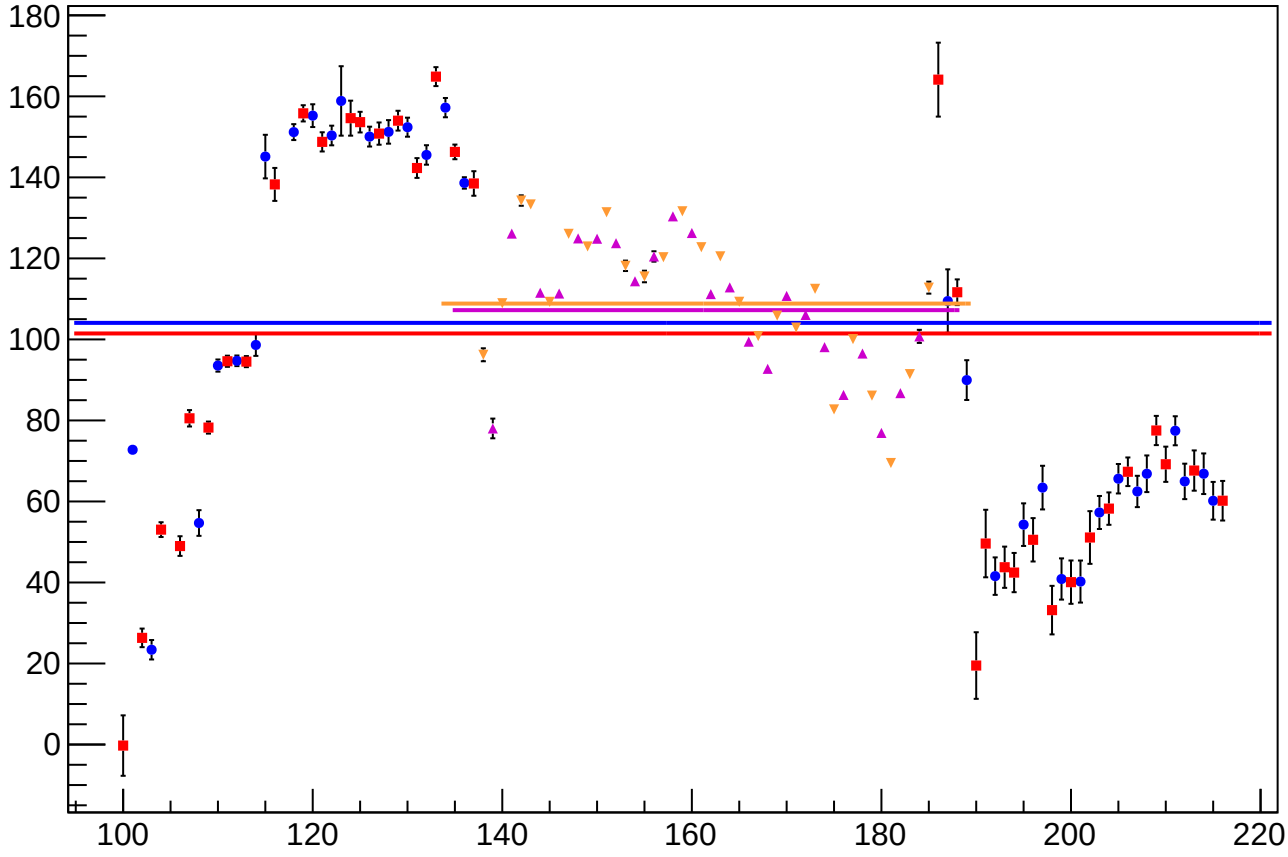
Left In: -56.519+/-0.227 χ^2/NDF:16352.6/22

+ sign -60.872+/-0.204 χ^2/NDF: 23603.5/56

All: -60.920+/-0.145 χ^2/NDF: 46271.4/114

- sign -60.969+/-0.205 χ^2/NDF: 22667.8/57

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 104.084+/-0.452 χ^2/NDF: 7421.9/31

Left Out: 108.846+/-0.197 χ^2/NDF:7400.2/24

Right Out: 101.470+/-0.452 χ^2/NDF: 8492.9/34

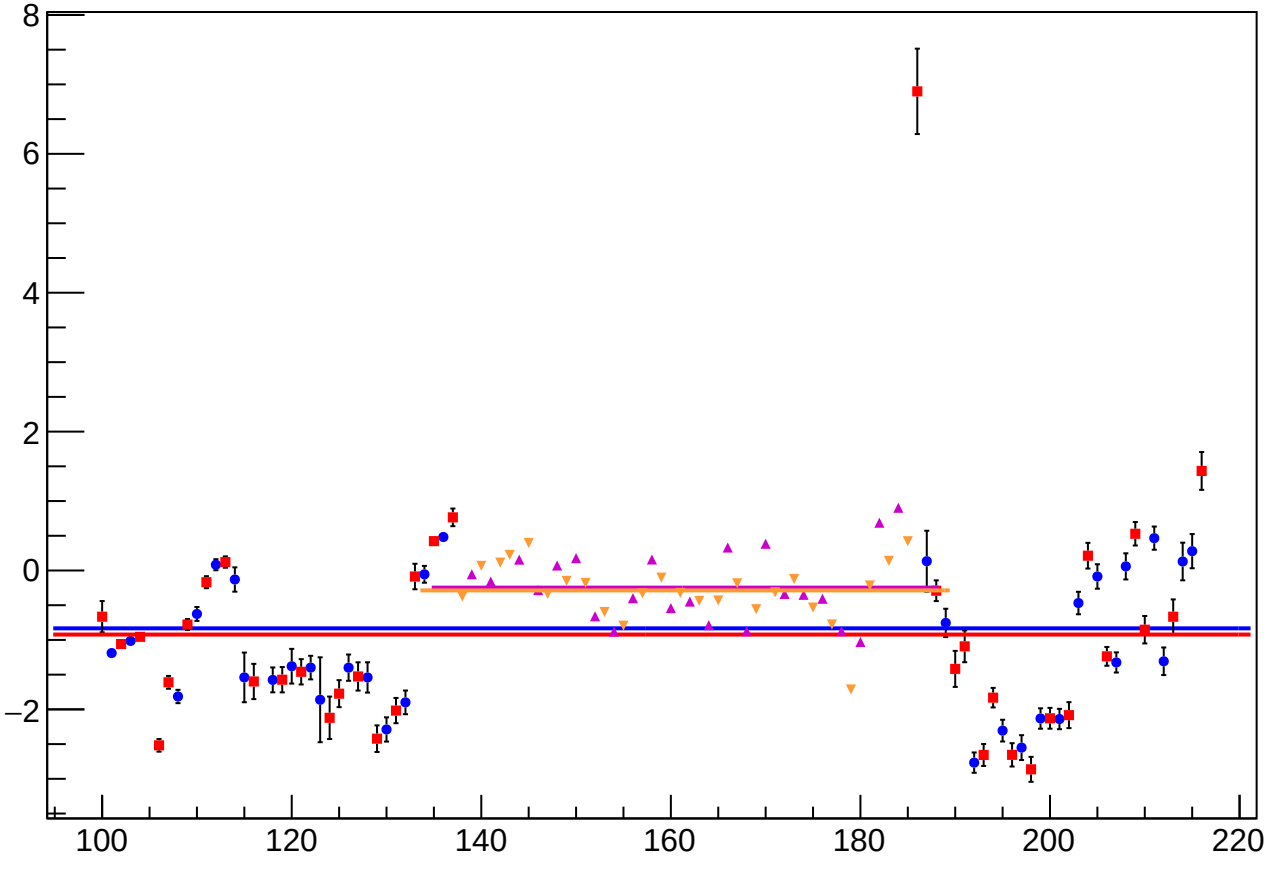
Left In: 107.225+/-0.202 χ^2/NDF:5565.3/22

+ sign 108.085+/-0.181 χ^2/NDF: 14915.2/56

All: 107.194+/-0.129 χ^2/NDF: 29157.9/114

- sign 106.264+/-0.185 χ^2/NDF: 14193.1/57

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.833+/-0.023 χ^2/NDF: 1692.8/31

Left Out: -0.287+/-0.009 χ^2/NDF:2052.9/24

Right Out: -0.922+/-0.021 χ^2/NDF: 2187.4/34

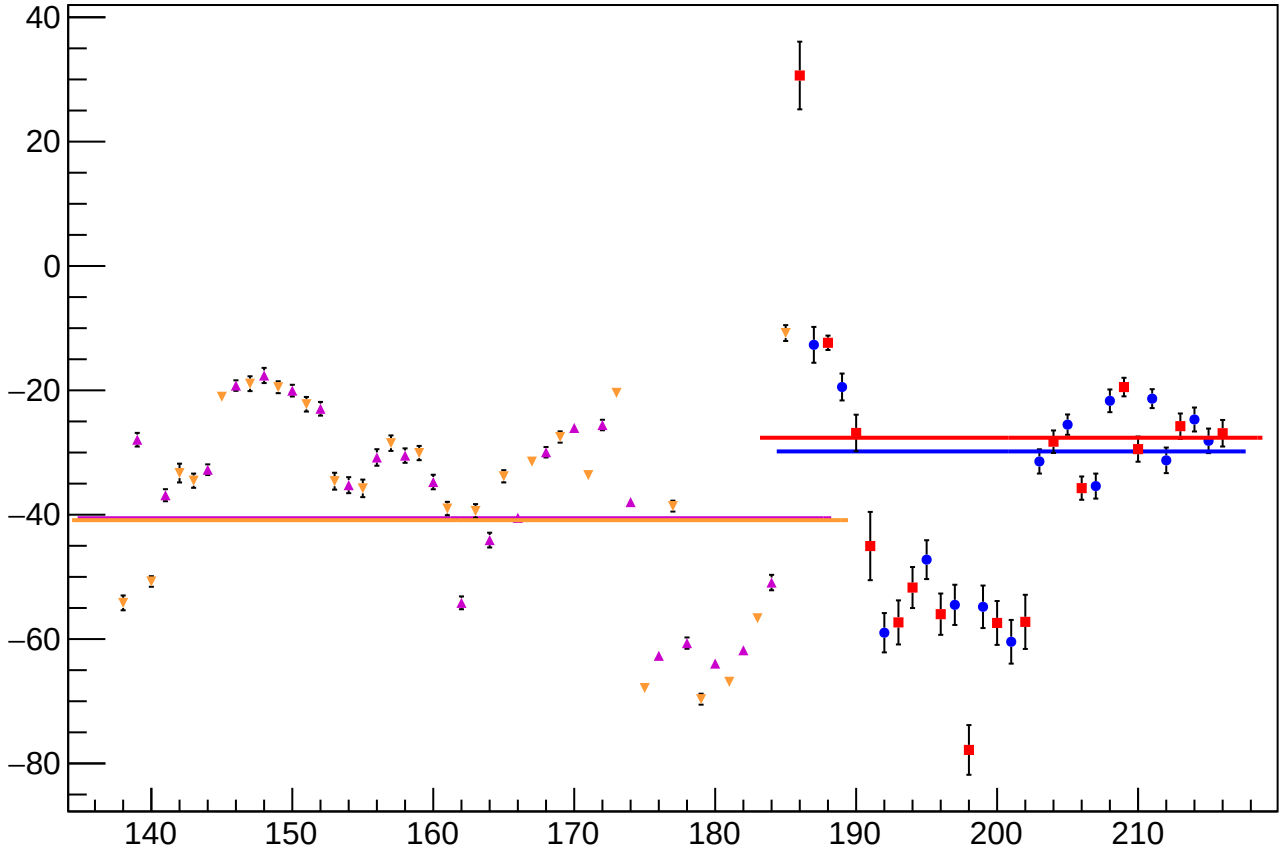
Left In: -0.247+/-0.009 χ^2/NDF:2792.8/22

+ sign -0.363+/-0.008 χ^2/NDF: 4252.6/56

All: -0.358+/-0.006 χ^2/NDF: 10068.9/114

- sign -0.353+/-0.009 χ^2/NDF: 5815.5/57

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -29.822+/-0.561 χ^2/NDF: 436.5/14

Left Out: -40.880+/-0.186 χ^2/NDF:9123.2/24

Right Out: -27.621+/-0.565 χ^2/NDF: 821.7/15

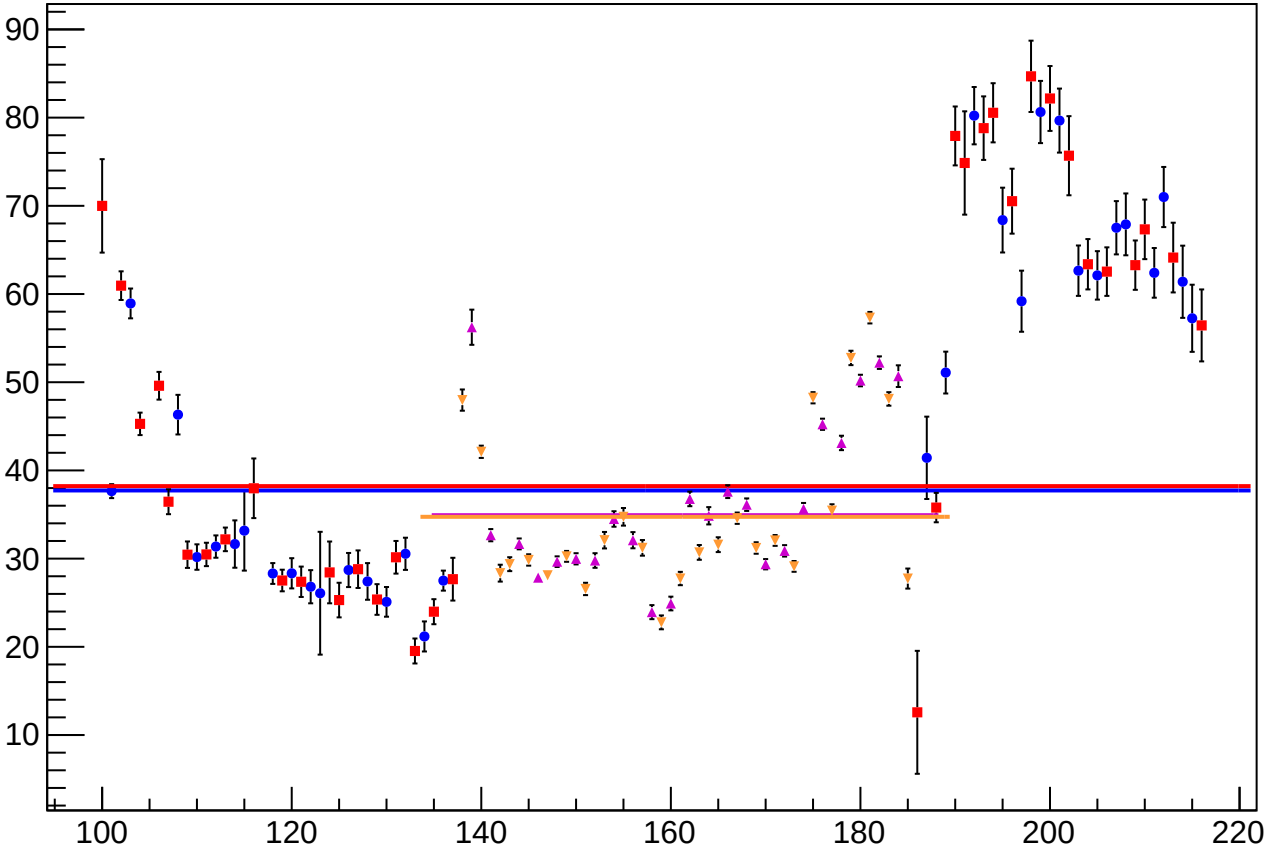
Left In: -40.567+/-0.190 χ^2/NDF:6954.7/22

+ sign -39.783+/-0.177 χ^2/NDF: 9909.6/39

All: -39.523+/-0.126 χ^2/NDF: 18162.5/78

- sign -39.252+/-0.180 χ^2/NDF: 8248.4/38

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 37.728+/-0.343 χ^2/NDF: 1805.3/31

Left Out: 34.741+/-0.147 χ^2/NDF:3693.2/24

Right Out: 38.220+/-0.344 χ^2/NDF: 2229.6/34

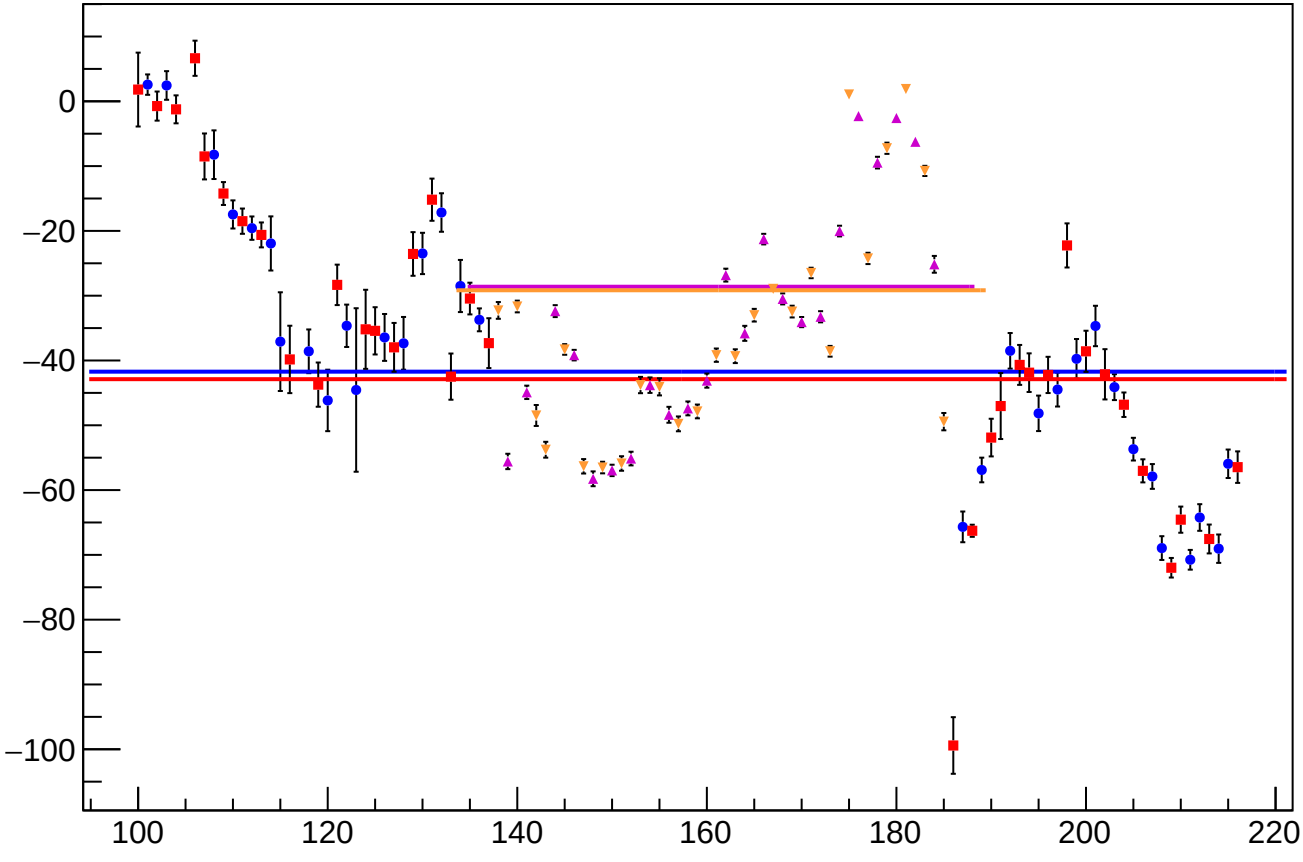
Left In: 34.922+/-0.152 χ^2/NDF:2672.9/22

+ sign 35.206+/-0.135 χ^2/NDF: 5562.4/56

All: 35.330+/-0.097 χ^2/NDF: 10543.7/114

- sign 35.459+/-0.139 χ^2/NDF: 4979.6/57

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -41.724+/-0.425 χ^2/NDF: 2912.3/31

Left Out: -29.163+/-0.187 χ^2/NDF:10126.0/24

Right Out: -42.884+/-0.408 χ^2/NDF: 3481.6/34

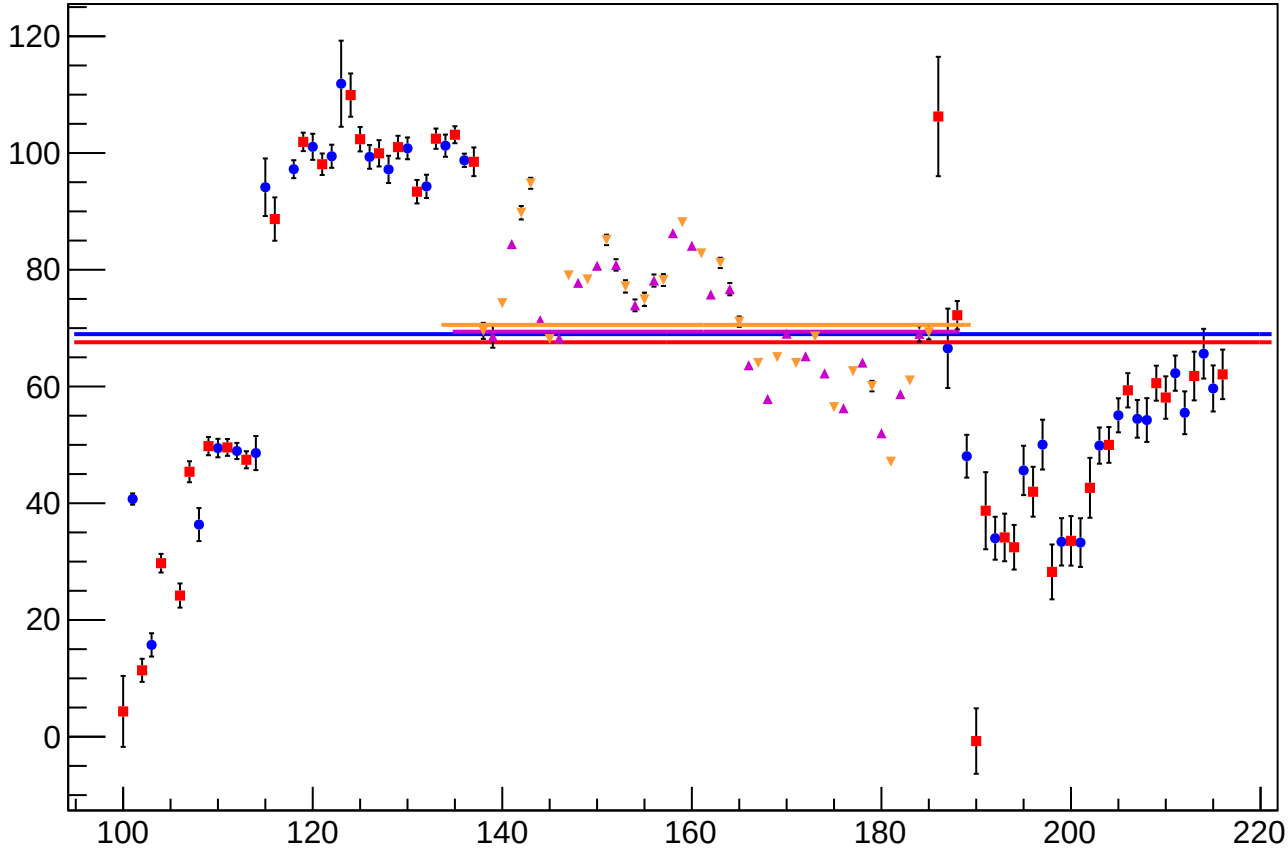
Left In: -28.616+/-0.190 χ^2/NDF:9040.9/22

+ sign -31.203+/-0.171 χ^2/NDF: 13770.8/56

All: -31.179+/-0.121 χ^2/NDF: 27298.9/114

- sign -31.156+/-0.172 χ^2/NDF: 13528.0/57

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 68.970+/-0.391 χ^2/NDF: 5185.4/31

Left Out: 70.563+/-0.166 χ^2/NDF:4589.1/24

Right Out: 67.577+/-0.396 χ^2/NDF: 6136.9/34

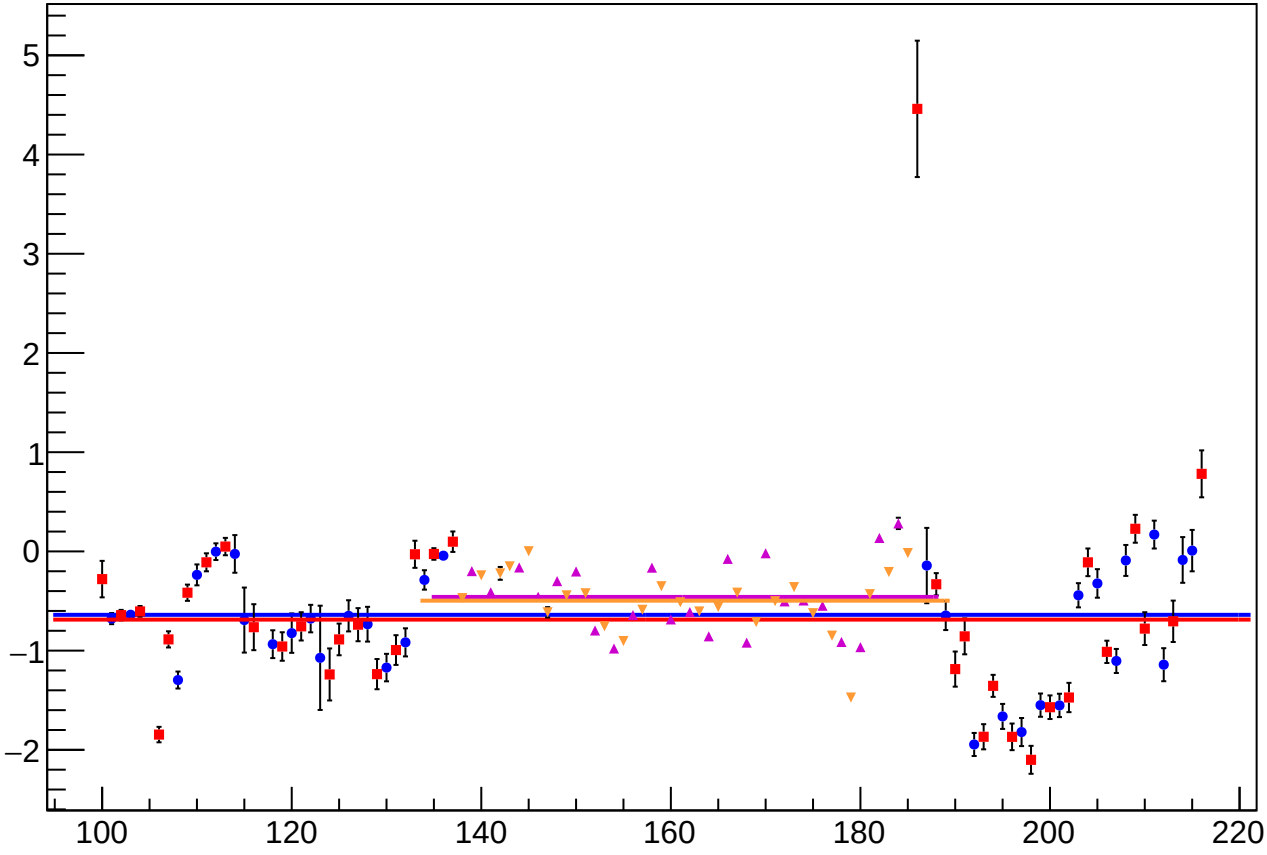
Left In: 69.387+/-0.170 χ^2/NDF:3321.8/22

+ sign 70.319+/-0.153 χ^2/NDF: 9788.5/56

All: 69.725+/-0.109 χ^2/NDF: 19295.8/114

- sign 69.104+/-0.156 χ^2/NDF: 9476.4/57

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.639+/-0.019 χ^2/NDF: 818.1/31

Left Out: -0.497+/-0.008 χ^2/NDF:1449.3/24

Right Out: -0.687+/-0.018 χ^2/NDF: 1160.7/34

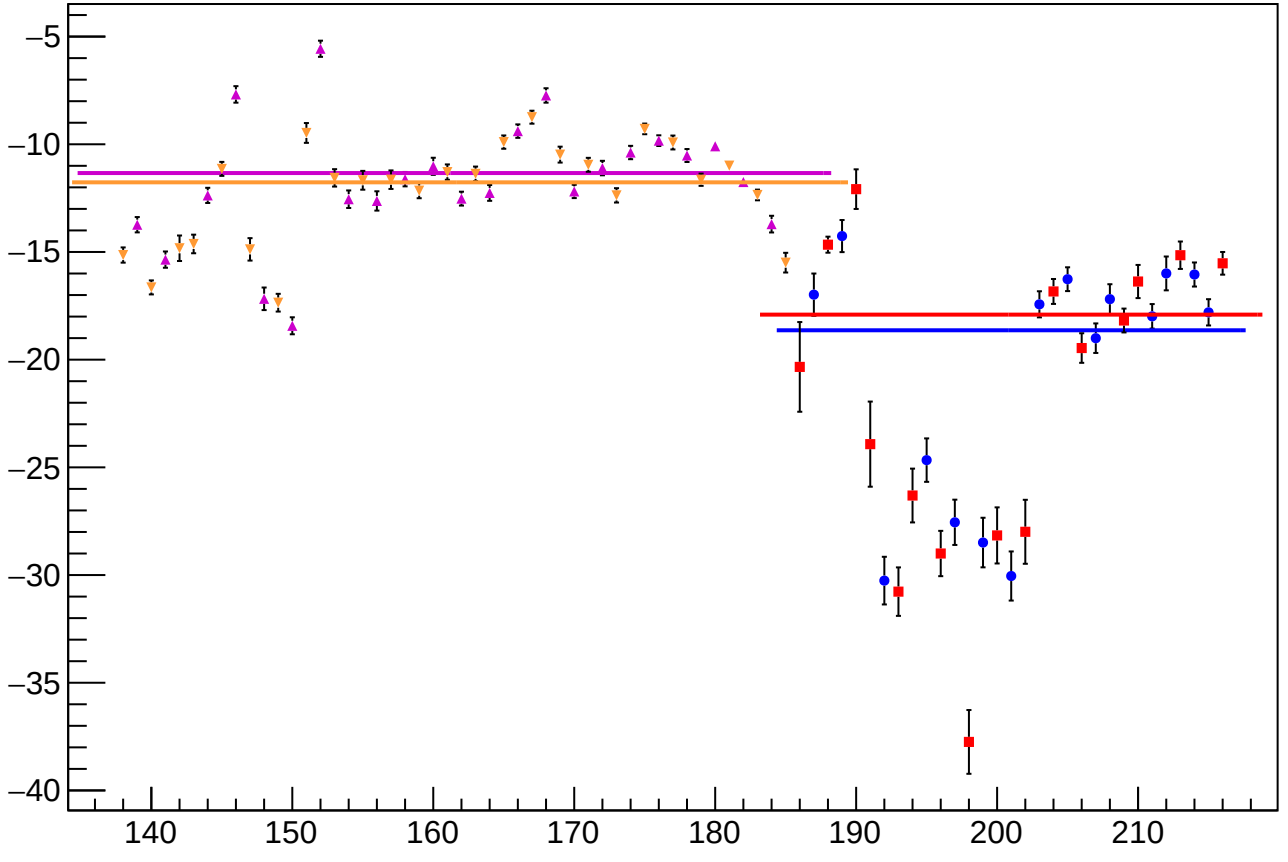
Left In: -0.459+/-0.008 χ^2/NDF:1958.4/22

+ sign -0.516+/-0.007 χ^2/NDF: 2315.4/56

All: -0.505+/-0.005 χ^2/NDF: 5570.7/114

- sign -0.493+/-0.007 χ^2/NDF: 3250.0/57

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -18.636+/-0.189 χ^2/NDF: 491.7/14

Left Out: -11.767+/-0.067 χ^2/NDF:1020.8/24

Right Out: -17.909+/-0.186 χ^2/NDF: 753.6/15

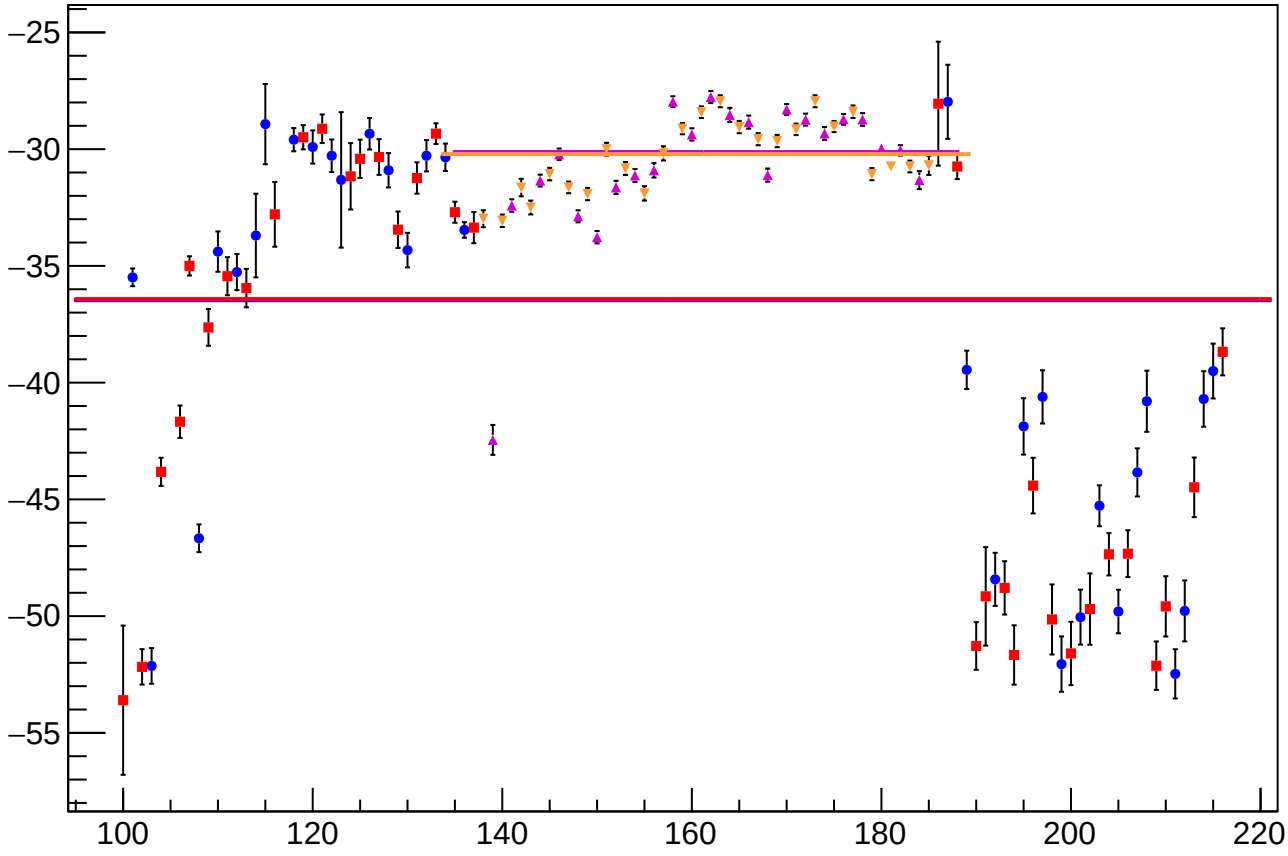
Left In: -11.336+/-0.068 χ^2/NDF:1269.3/22

+ sign -12.524+/-0.063 χ^2/NDF: 2682.9/39

All: -12.321+/-0.045 χ^2/NDF: 5826.9/78

- sign -12.110+/-0.064 χ^2/NDF: 3122.6/38

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -36.468+/-0.134 χ^2/NDF: 2775.0/31

Left Out: -30.212+/-0.054 χ^2/NDF:734.0/24

Right Out: -36.421+/-0.132 χ^2/NDF: 3161.8/34

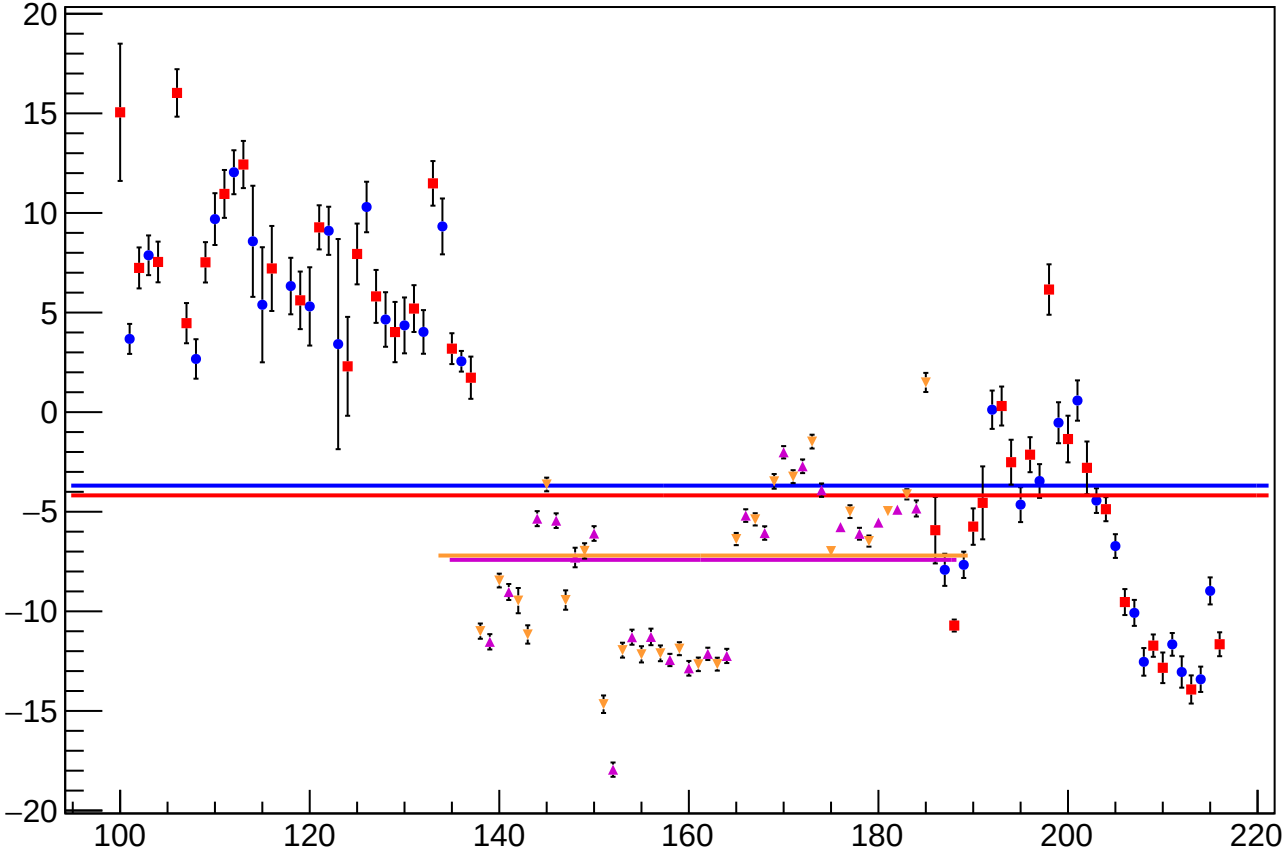
Left In: -30.124+/-0.056 χ^2/NDF:1226.2/22

+ sign -31.083+/-0.050 χ^2/NDF: 5386.9/56

All: -31.077+/-0.036 χ^2/NDF: 11710.8/114

- sign -31.071+/-0.051 χ^2/NDF: 6323.8/57

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -3.688+/-0.154 χ^2/NDF: 2291.9/31

Left Out: -7.199+/-0.067 χ^2/NDF:3037.3/24

Right Out: -4.179+/-0.147 χ^2/NDF: 3195.7/34

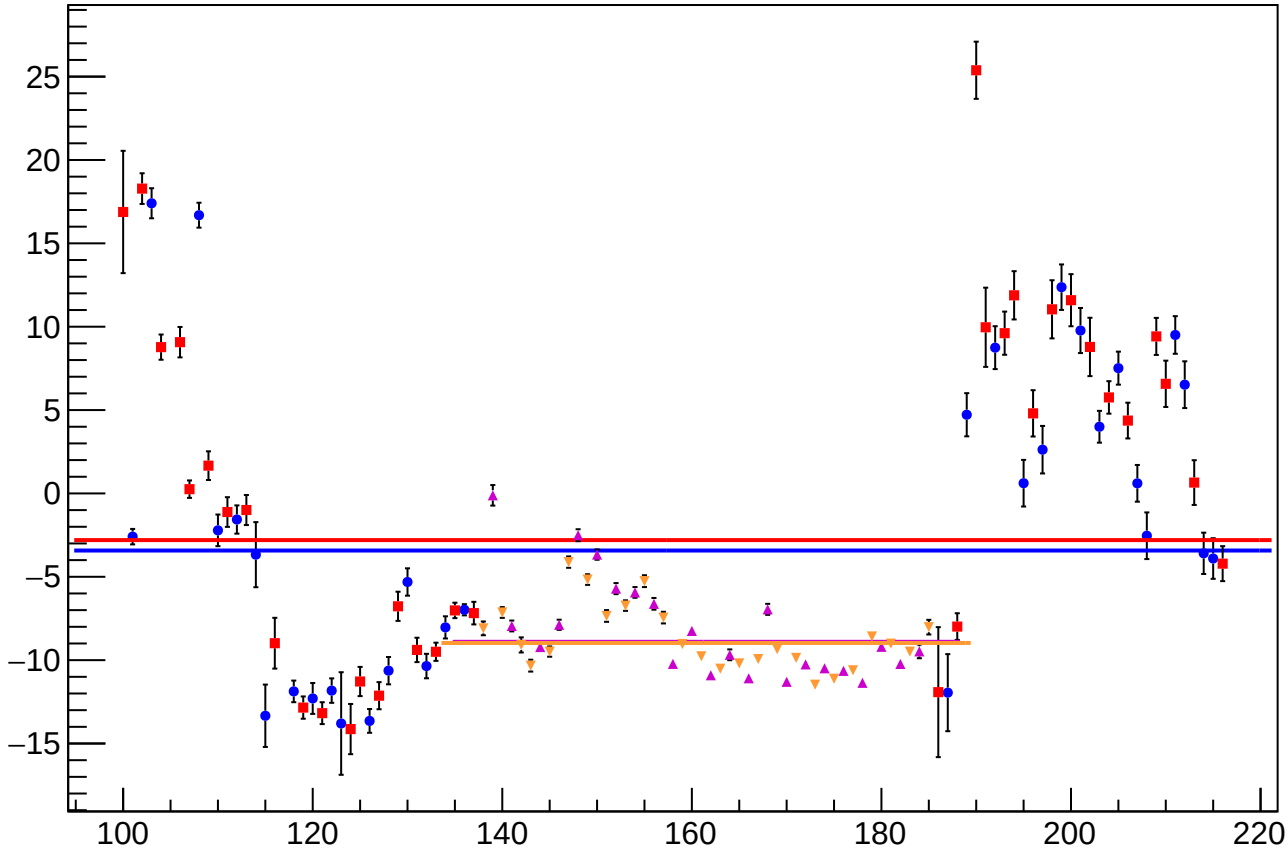
Left In: -7.415+/-0.068 χ^2/NDF:3123.3/22

+ sign -6.640+/-0.061 χ^2/NDF: 5768.2/56

All: -6.744+/-0.043 χ^2/NDF: 12490.5/114

- sign -6.849+/-0.062 χ^2/NDF: 6716.4/57

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -3.425+/-0.151 χ^2/NDF: 3013.5/31

Left Out: -8.970+/-0.060 χ^2/NDF:878.8/24

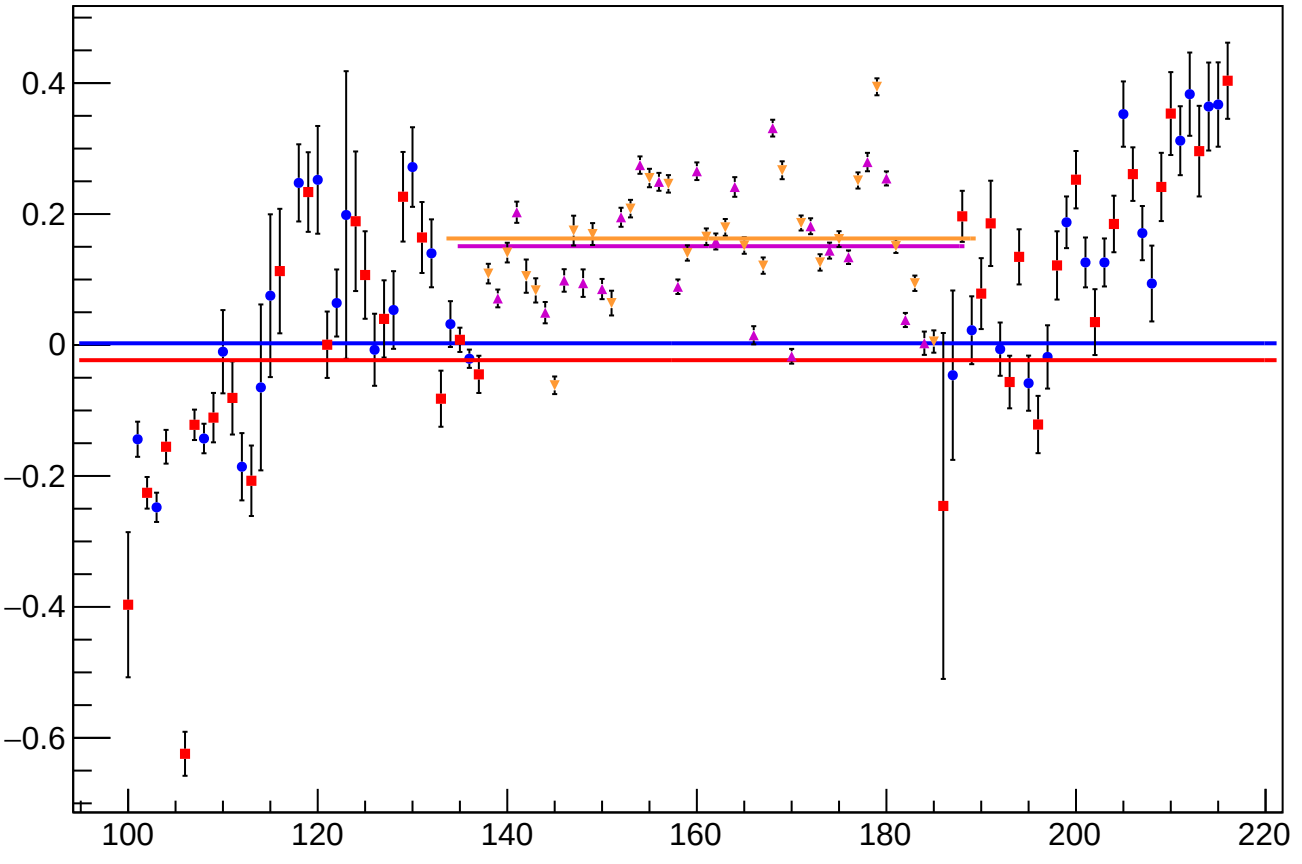
Right Out: -2.800+/-0.153 χ^2/NDF: 3239.0/34

Left In: -8.900+/-0.062 χ^2/NDF:1533.9/22

+ sign -8.212+/-0.056 χ^2/NDF: 5052.9/56

All: -8.131+/-0.040 χ^2/NDF: 11202.1/114

- sign -8.045+/-0.057 χ^2/NDF: 6144.9/57



Right In: 0.003+/-0.007 χ^2/NDF: 516.7/31

Left Out: 0.163+/-0.003 χ^2/NDF:1018.1/24

Right Out: -0.023+/-0.007 χ^2/NDF: 846.1/34

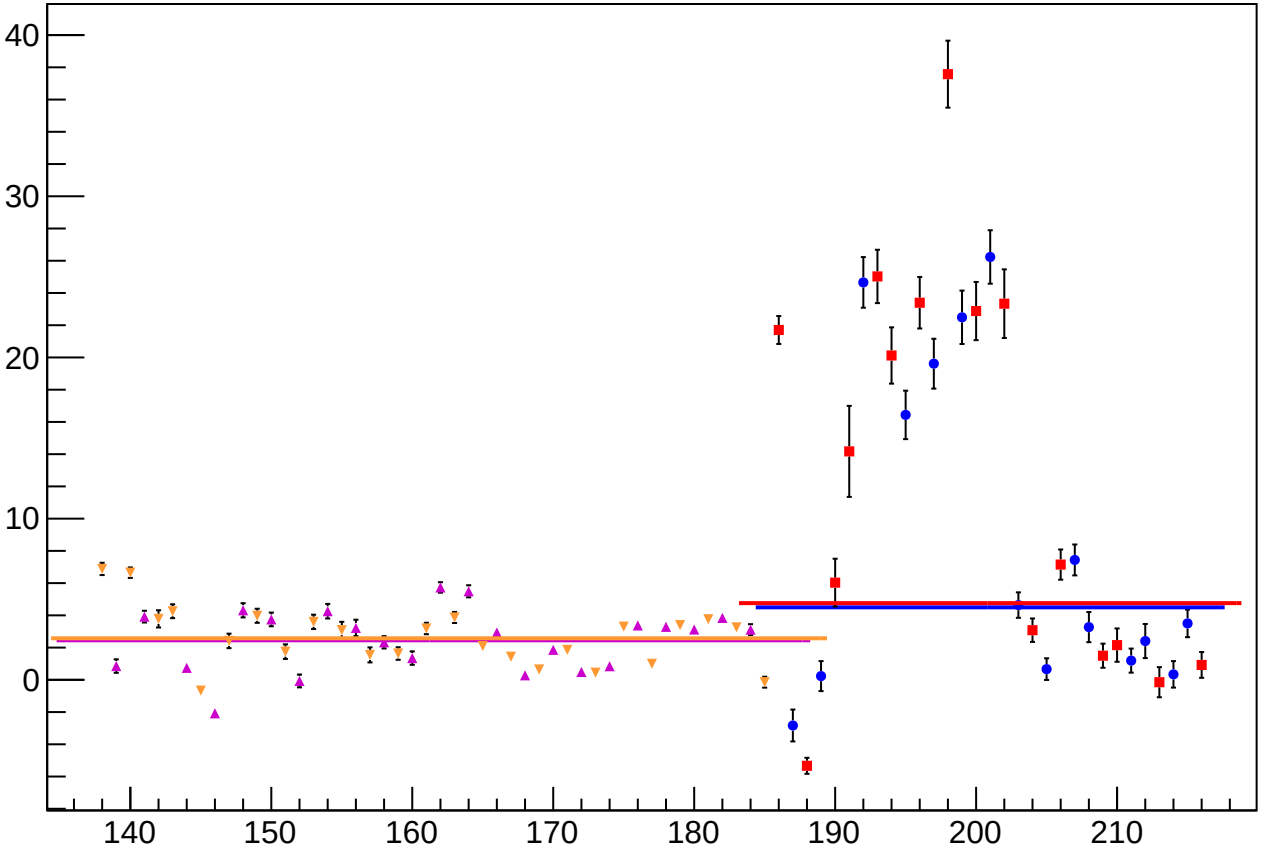
Left In: 0.151+/-0.003 χ^2/NDF:1286.5/22

+ sign 0.141+/-0.003 χ^2/NDF: 1992.7/56

All: 0.134+/-0.002 χ^2/NDF: 4678.1/114

- sign 0.127+/-0.003 χ^2/NDF: 2670.0/57

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 4.498+/-0.252 χ^2/NDF: 783.5/14

Left Out: 2.577+/-0.058 χ^2/NDF:867.5/24

Right Out: 4.759+/-0.248 χ^2/NDF: 1685.3/15

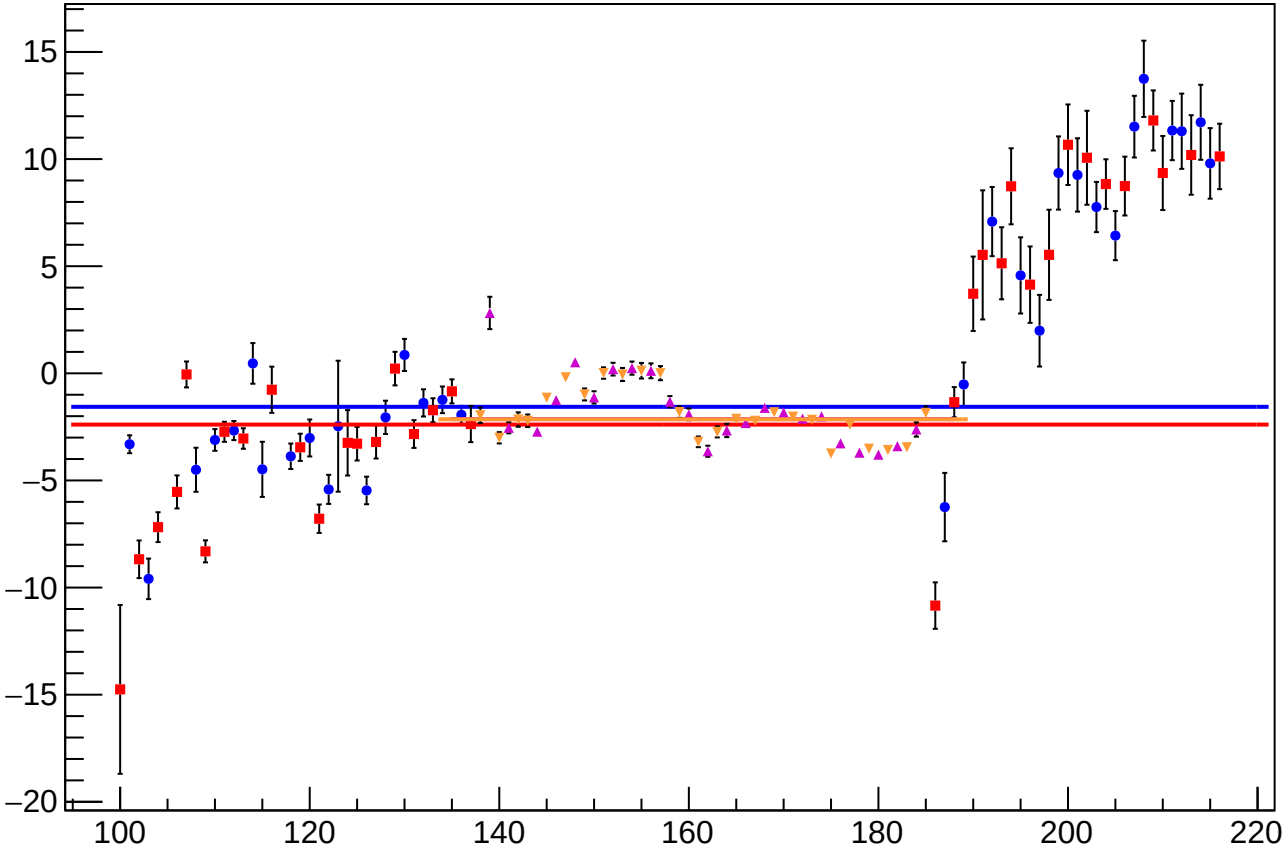
Left In: 2.452+/-0.059 χ^2/NDF:871.3/22

+ sign 2.674+/-0.057 χ^2/NDF: 1706.2/39

All: 2.627+/-0.040 χ^2/NDF: 4346.1/78

- sign 2.577+/-0.058 χ^2/NDF: 2638.5/38

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -1.564+/-0.144 χ^2/NDF: 871.6/31

Left Out: -2.146+/-0.048 χ^2/NDF:573.4/24

Right Out: -2.393+/-0.142 χ^2/NDF: 1018.9/34

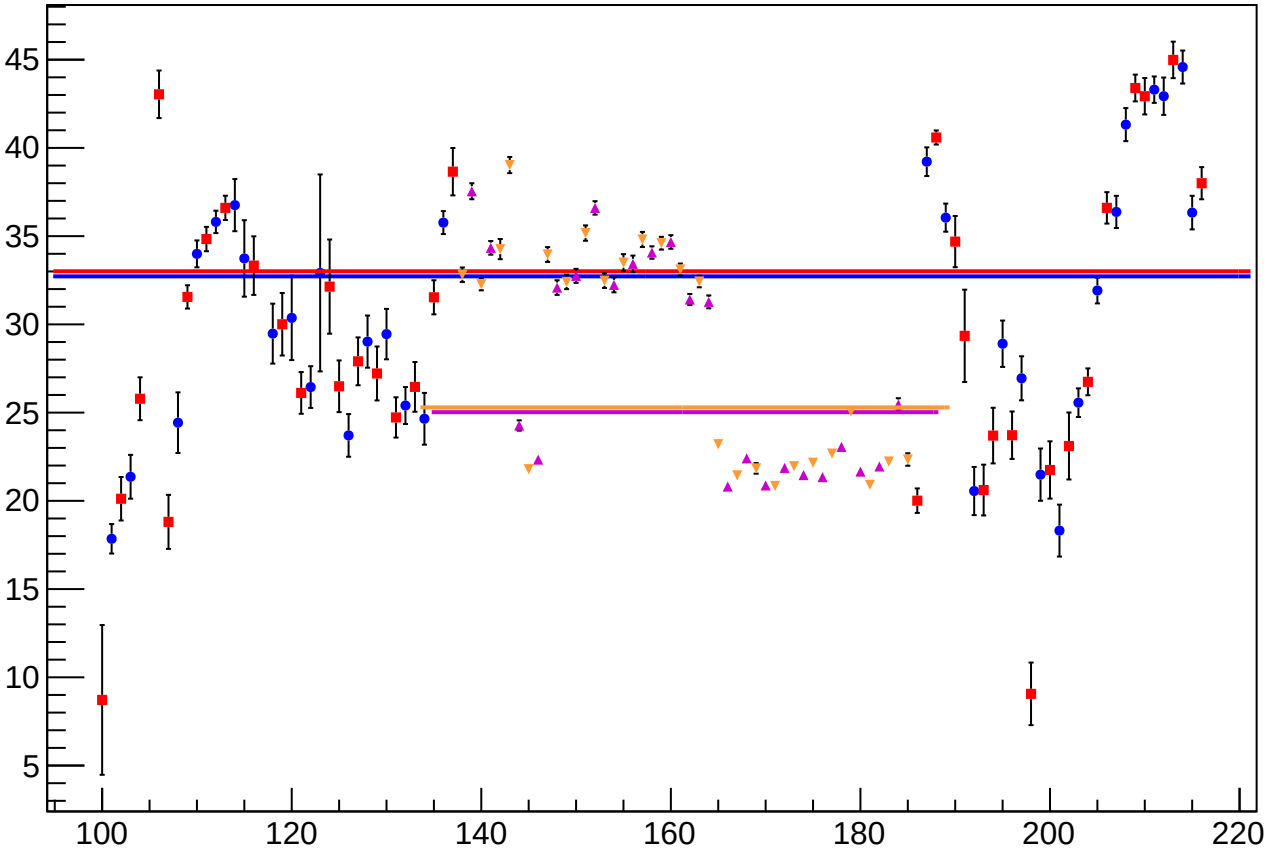
Left In: -2.136+/-0.048 χ^2/NDF:691.2/22

+ sign -2.088+/-0.045 χ^2/NDF: 1459.8/56

All: -2.125+/-0.032 χ^2/NDF: 3174.2/114

- sign -2.163+/-0.046 χ^2/NDF: 1713.1/57

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 32.721+/-0.181 χ^2/NDF: 1650.9/31

Left Out: 25.296+/-0.059 χ^2/NDF:8272.3/24

Right Out: 33.009+/-0.172 χ^2/NDF: 2194.6/34

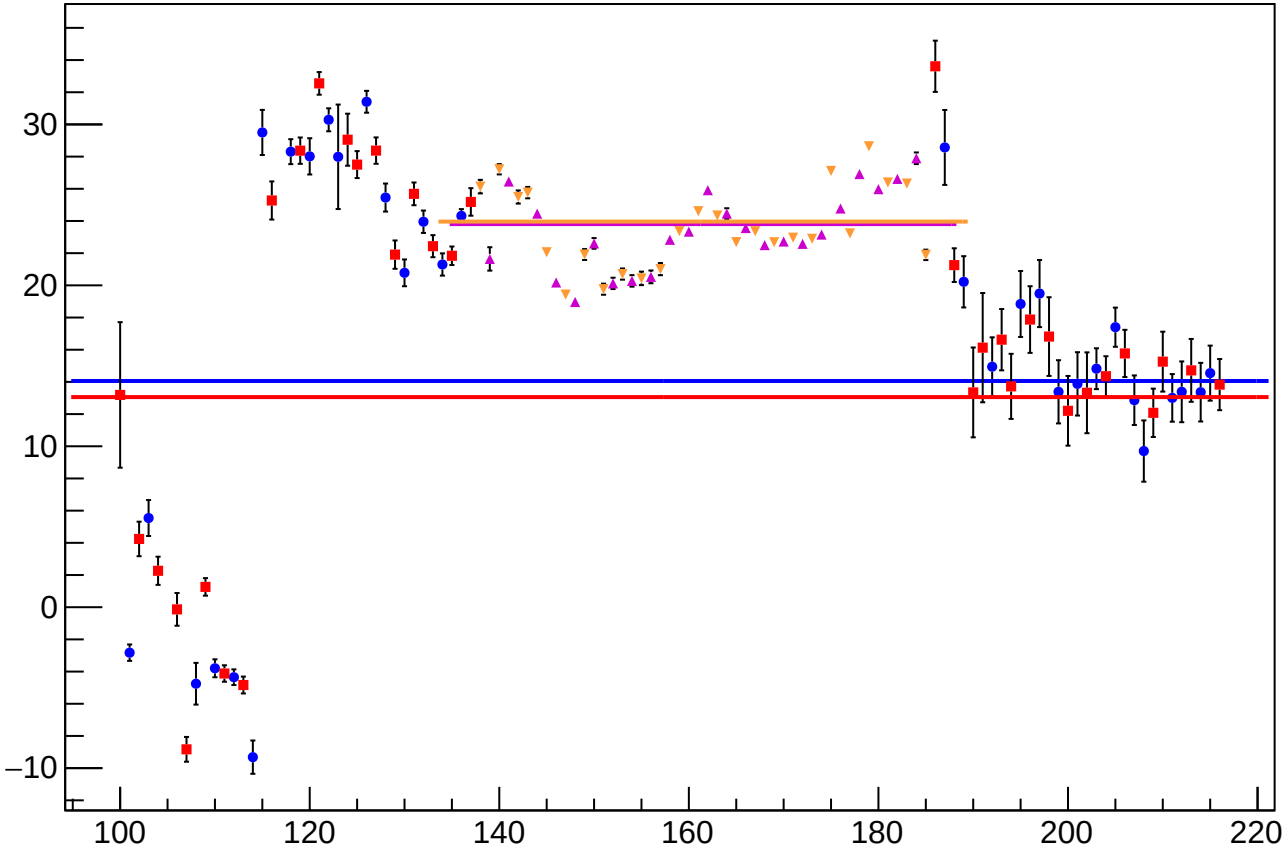
Left In: 25.025+/-0.060 χ^2/NDF:7610.5/22

+ sign 26.002+/-0.056 χ^2/NDF: 11438.3/56

All: 25.943+/-0.040 χ^2/NDF: 23175.2/114

- sign 25.884+/-0.056 χ^2/NDF: 11734.6/57

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.057+/-0.161 χ^2/NDF: 7357.6/31

Left Out: 23.962+/-0.053 χ^2/NDF:1922.4/24

Right Out: 13.057+/-0.161 χ^2/NDF: 7215.1/34

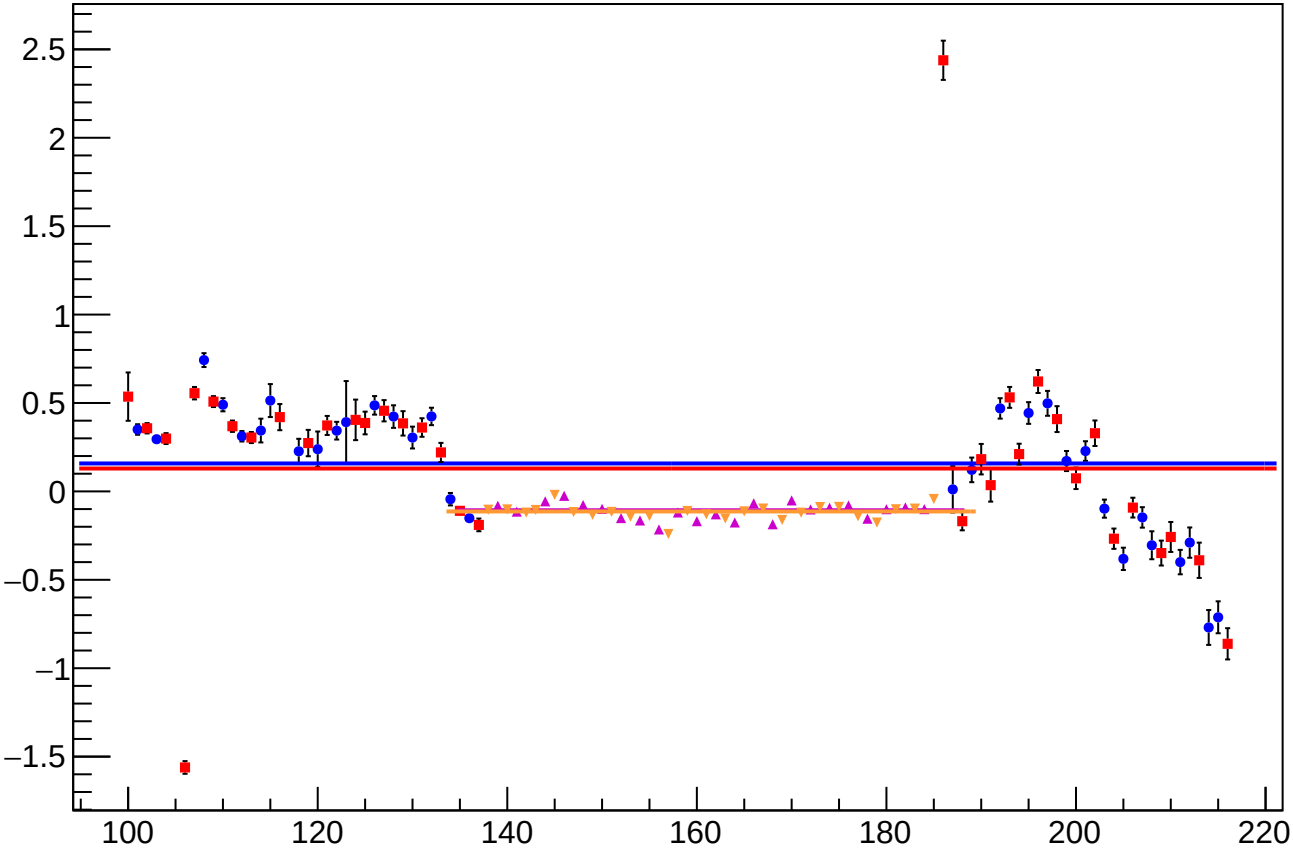
Left In: 23.805+/-0.054 χ^2/NDF:1761.3/22

\+ sign 22.987+/-0.050 χ^2/NDF: 12697.9/56

All: 22.857+/-0.036 χ^2/NDF: 25672.4/114

\- sign 22.722+/-0.051 χ^2/NDF: 12961.0/57

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.158+/-0.008 χ^2/NDF: 1382.3/31

Left Out: -0.113+/-0.002 χ^2/NDF:291.0/24

Right Out: 0.129+/-0.008 χ^2/NDF: 3894.4/34

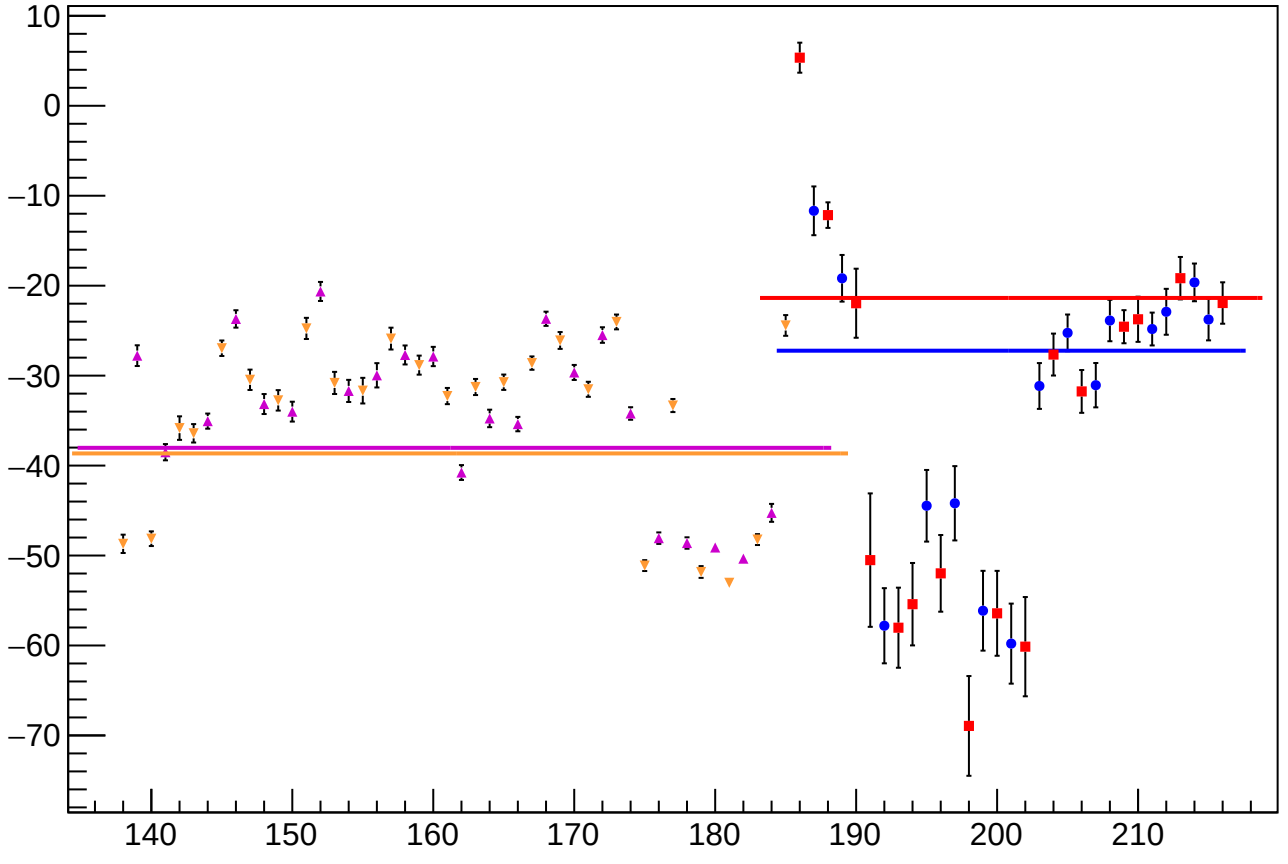
Left In: -0.107+/-0.002 χ^2/NDF:321.8/22

+ sign -0.092+/-0.002 χ^2/NDF: 2669.4/56

All: -0.089+/-0.002 χ^2/NDF: 7660.2/114

- sign -0.087+/-0.002 χ^2/NDF: 4988.4/57

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -27.228+/-0.677 χ^2/NDF: 255.6/14

Left Out: -38.650+/-0.169 χ^2/NDF:4077.2/24

Right Out: -21.364+/-0.647 χ^2/NDF: 697.5/15

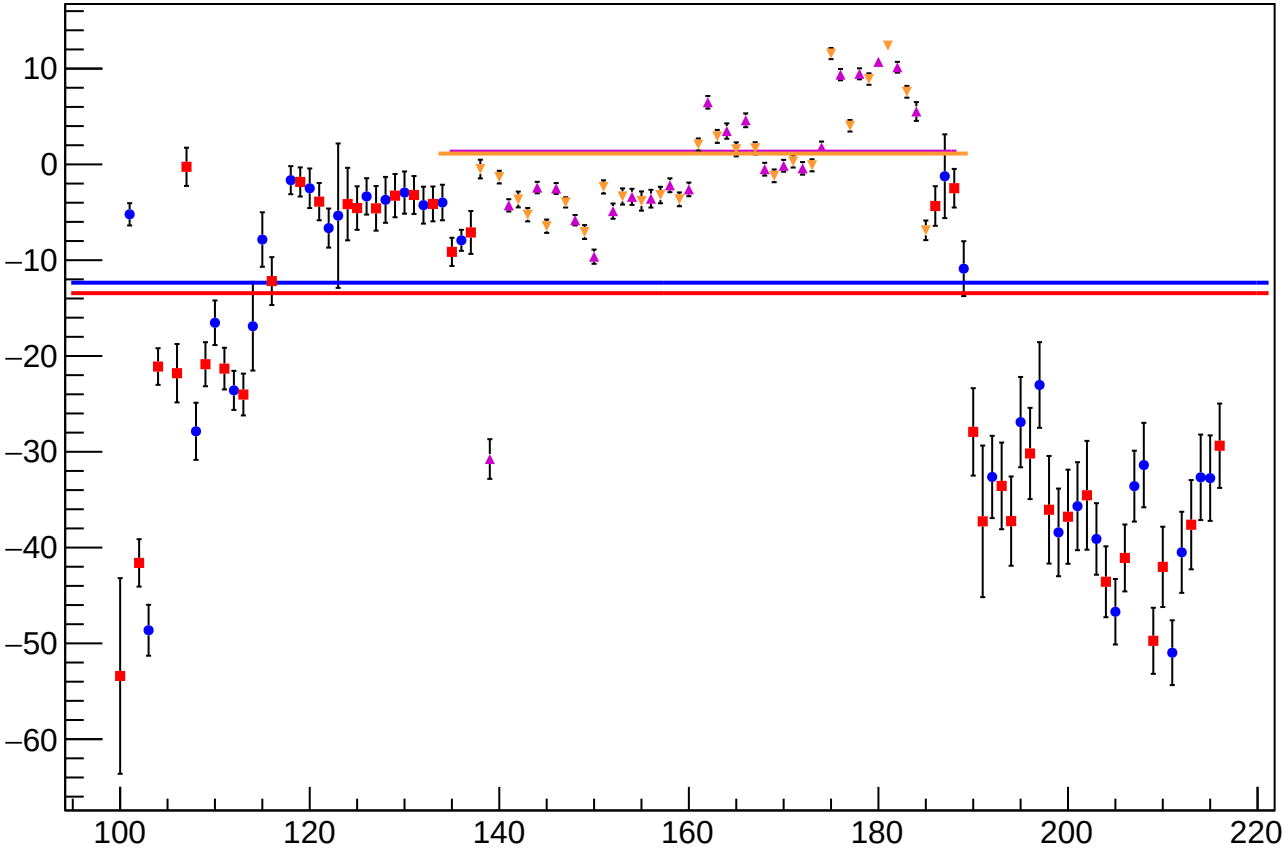
Left In: -38.027+/-0.173 χ^2/NDF:3091.9/22

+ sign -37.980+/-0.164 χ^2/NDF: 4600.5/39

All: -37.457+/-0.117 χ^2/NDF: 9029.0/78

- sign -36.914+/-0.167 χ^2/NDF: 4407.8/38

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -12.349+/-0.425 χ^2/NDF: 1003.8/31

Left Out: 1.130+/-0.136 χ^2/NDF:1799.3/24

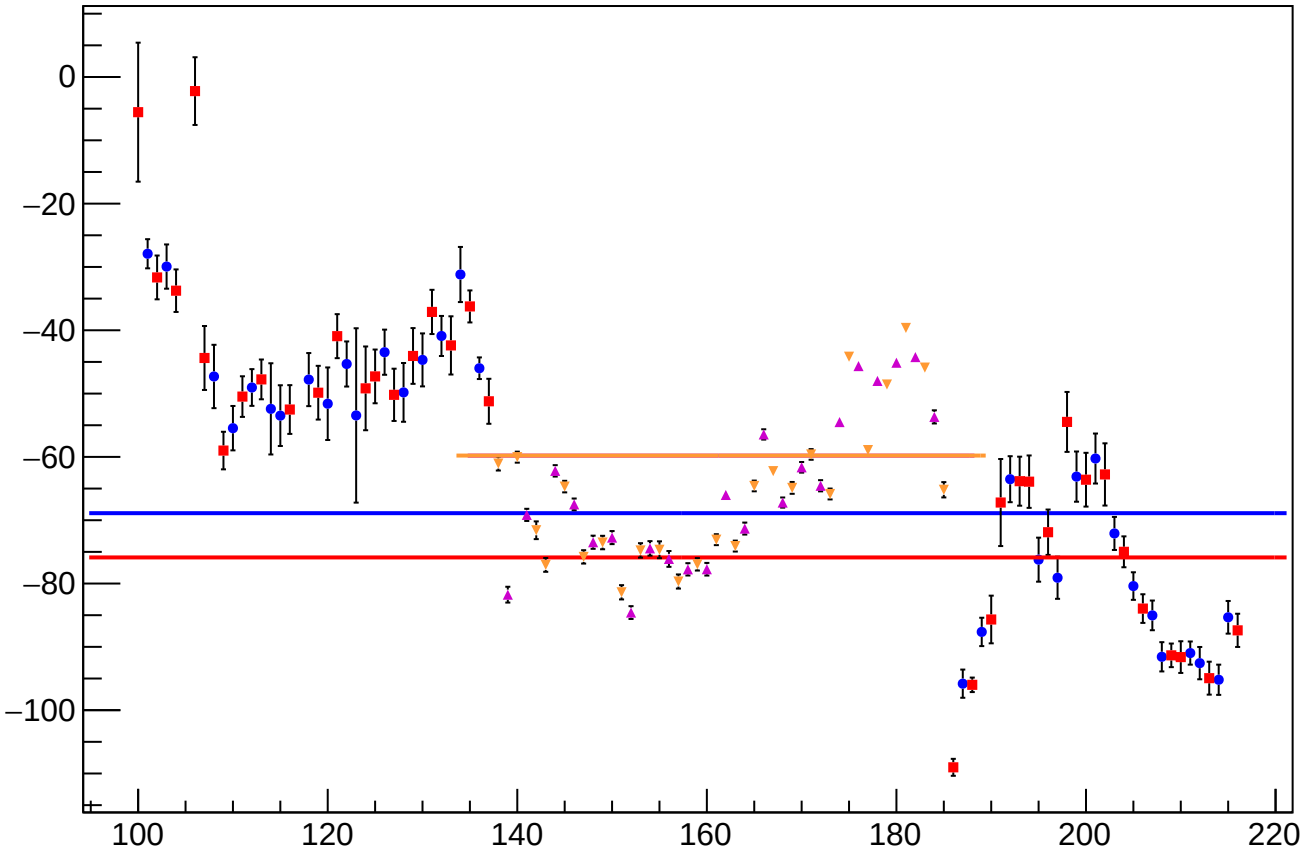
Right Out: -13.441+/-0.434 χ^2/NDF: 972.4/34

Left In: 1.329+/-0.140 χ^2/NDF:2048.0/22

+ sign -0.122+/-0.130 χ^2/NDF: 3715.8/56

All: -0.093+/-0.093 χ^2/NDF: 7787.1/114

- sign -0.062+/-0.133 χ^2/NDF: 4071.2/57



Right In: -68.887+/-0.519 χ^2/NDF: 1857.0/31

Left Out: -59.789+/-0.170 χ^2/NDF:5837.7/24

Right Out: -75.877+/-0.489 χ^2/NDF: 2743.6/34

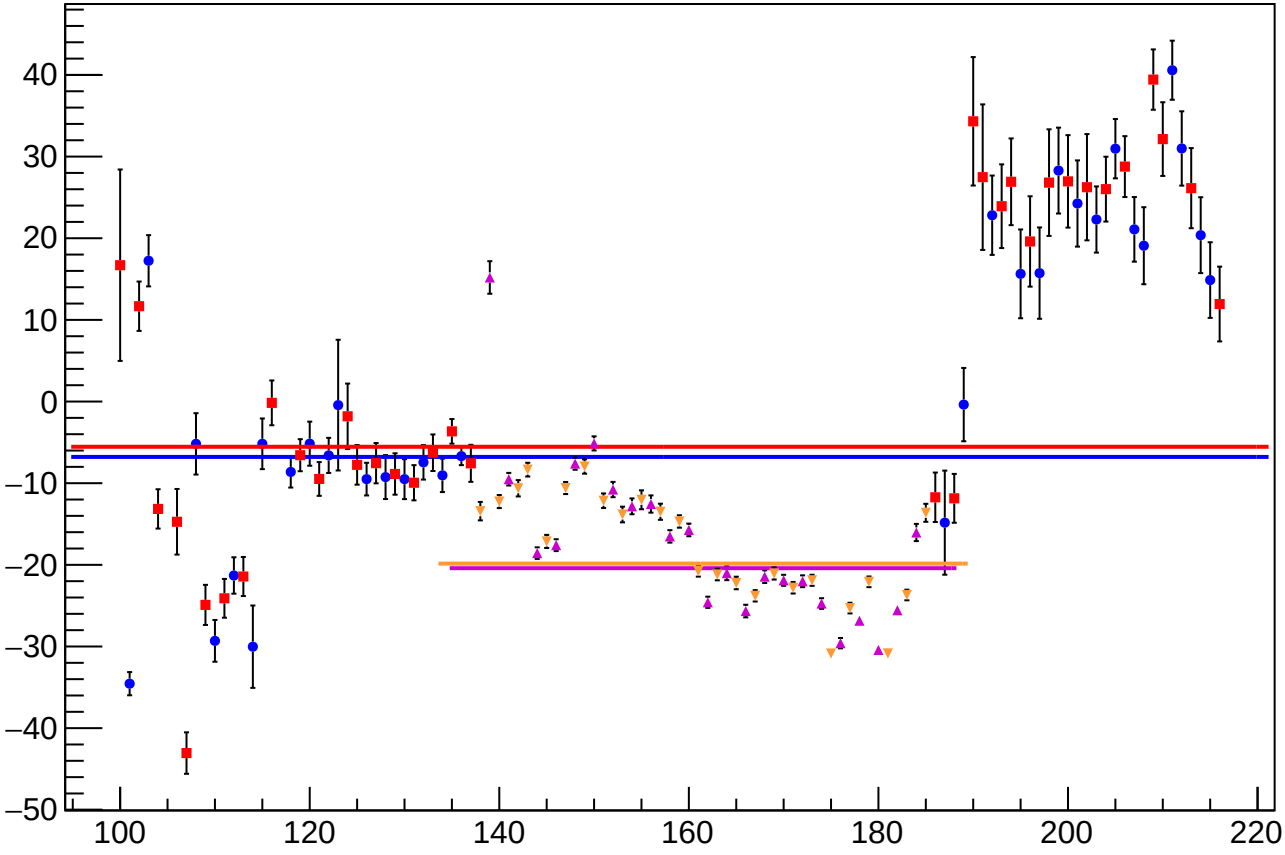
Left In: -59.802+/-0.173 χ^2/NDF:5217.5/22

+ sign -60.670+/-0.162 χ^2/NDF: 7971.7/56

All: -61.129+/-0.115 χ^2/NDF: 16910.3/114

- sign -61.598+/-0.163 χ^2/NDF: 8922.3/57

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -6.782+/-0.479 χ^2/NDF: 1277.7/31

Left Out: -19.847+/-0.153 χ^2/NDF:1931.3/24

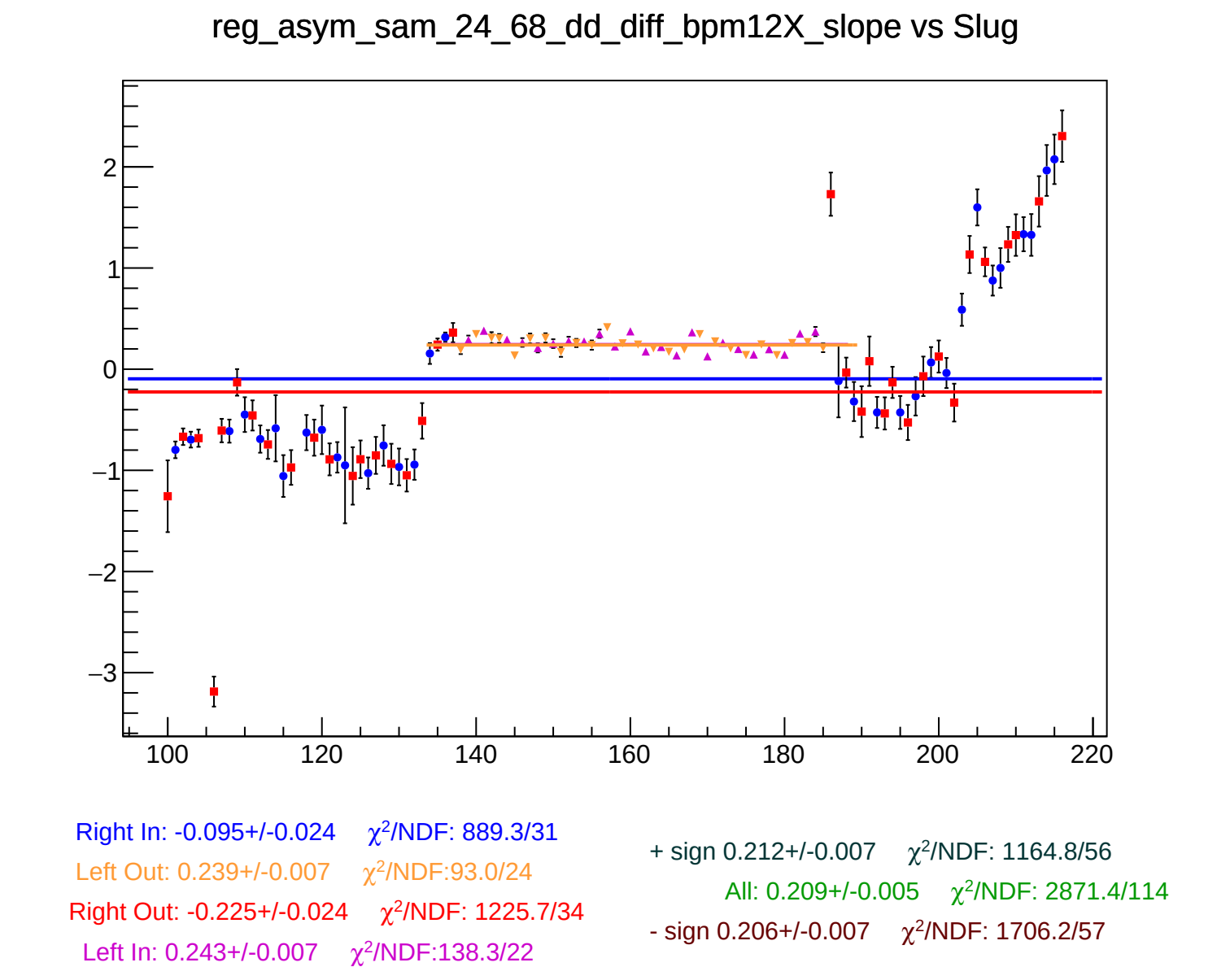
Right Out: -5.539+/-0.498 χ^2/NDF: 1097.6/34

Left In: -20.410+/-0.157 χ^2/NDF:2302.0/22

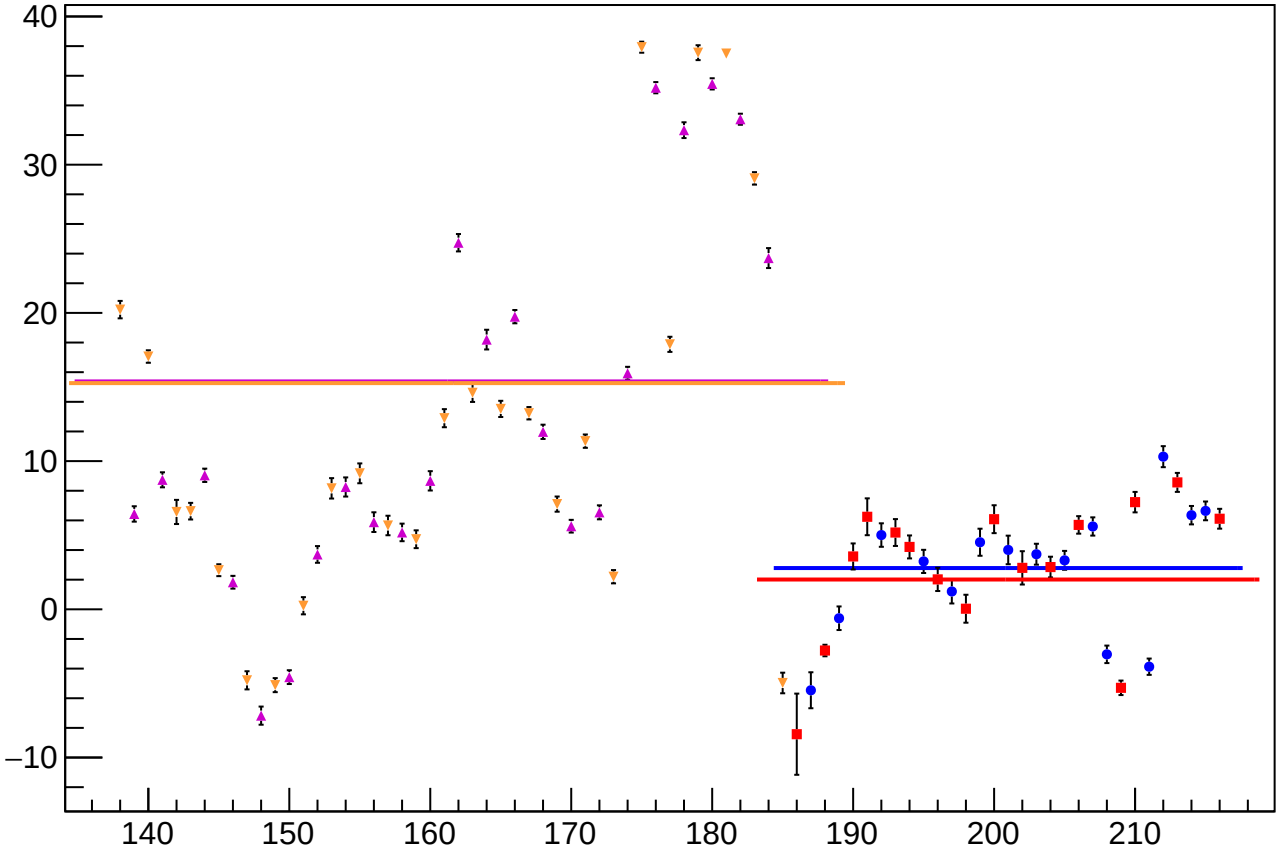
+ sign -18.640+/-0.146 χ^2/NDF: 3884.8/56

All: -18.850+/-0.104 χ^2/NDF: 8100.0/114

- sign -19.071+/-0.149 χ^2/NDF: 4210.9/57


reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug
2
1
0
−1
−2
−3
100
120
140
160
180
200
220
Right In: -0.095+/-0.024 χ²/NDF: 889.3/31
Left Out: 0.239+/-0.007 χ²/NDF:93.0/24
Right Out: -0.225+/-0.024 χ²/NDF: 1225.7/34
Left In: 0.243+/-0.007 χ²/NDF:138.3/22
+ sign 0.212+/-0.007 χ²/NDF: 1164.8/56
All: 0.209+/-0.005 χ²/NDF: 2871.4/114
- sign 0.206+/-0.007 χ²/NDF: 1706.2/57

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 2.784+/-0.184 χ^2/NDF: 530.9/14

Left Out: 15.263+/-0.100 χ^2/NDF:19175.2/24

Right Out: 2.011+/-0.177 χ^2/NDF: 688.0/15

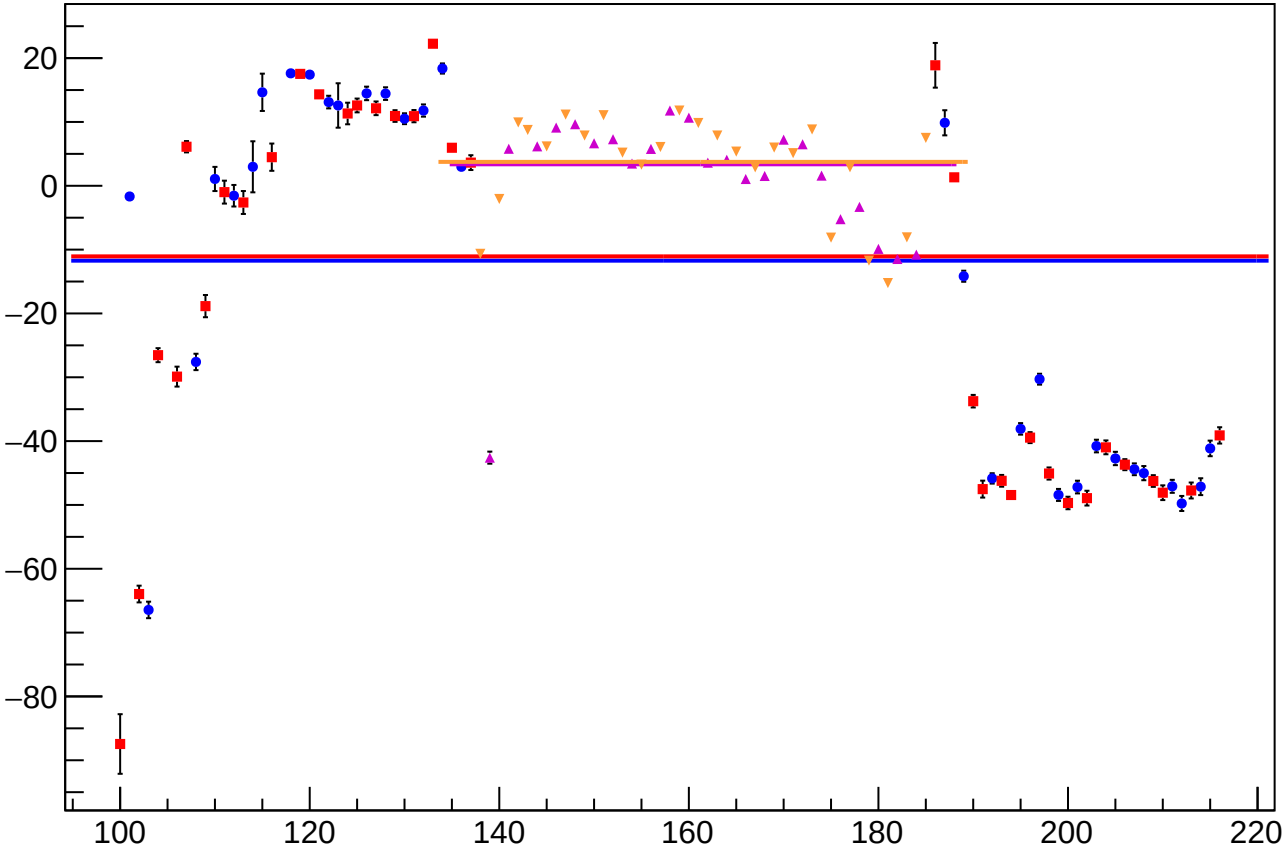
Left In: 15.377+/-0.103 χ^2/NDF:16268.9/22

+ sign 12.387+/-0.088 χ^2/NDF: 23260.1/39

All: 12.191+/-0.063 χ^2/NDF: 44509.6/78

- sign 11.994+/-0.089 χ^2/NDF: 21239.7/38

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -11.731+/-0.167 χ^2/NDF: 26673.5/31

Left Out: 3.746+/-0.079 χ^2/NDF:9247.4/24

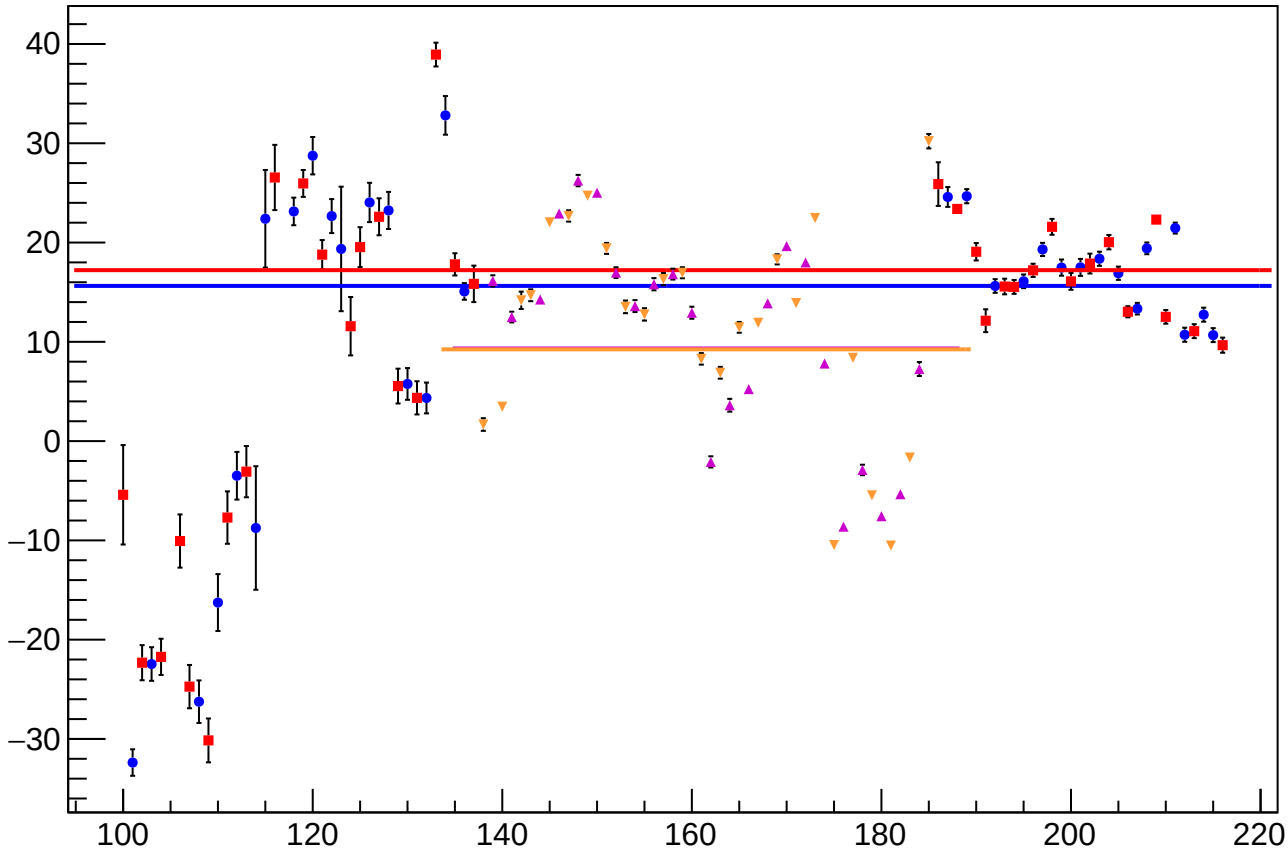
Right Out: -11.060+/-0.160 χ^2/NDF: 31691.6/34

Left In: 3.365+/-0.081 χ^2/NDF:8527.0/22

+ sign 0.944+/-0.071 χ^2/NDF: 42913.7/56

All: 0.680+/-0.051 χ^2/NDF: 89626.3/114

- sign 0.407+/-0.072 χ^2/NDF: 46684.7/57



Right In: 15.632+/-0.164 χ^2/NDF: 3267.5/31

Left Out: 9.242+/-0.101 χ^2/NDF:13633.2/24

Right Out: 17.218+/-0.153 χ^2/NDF: 3418.3/34

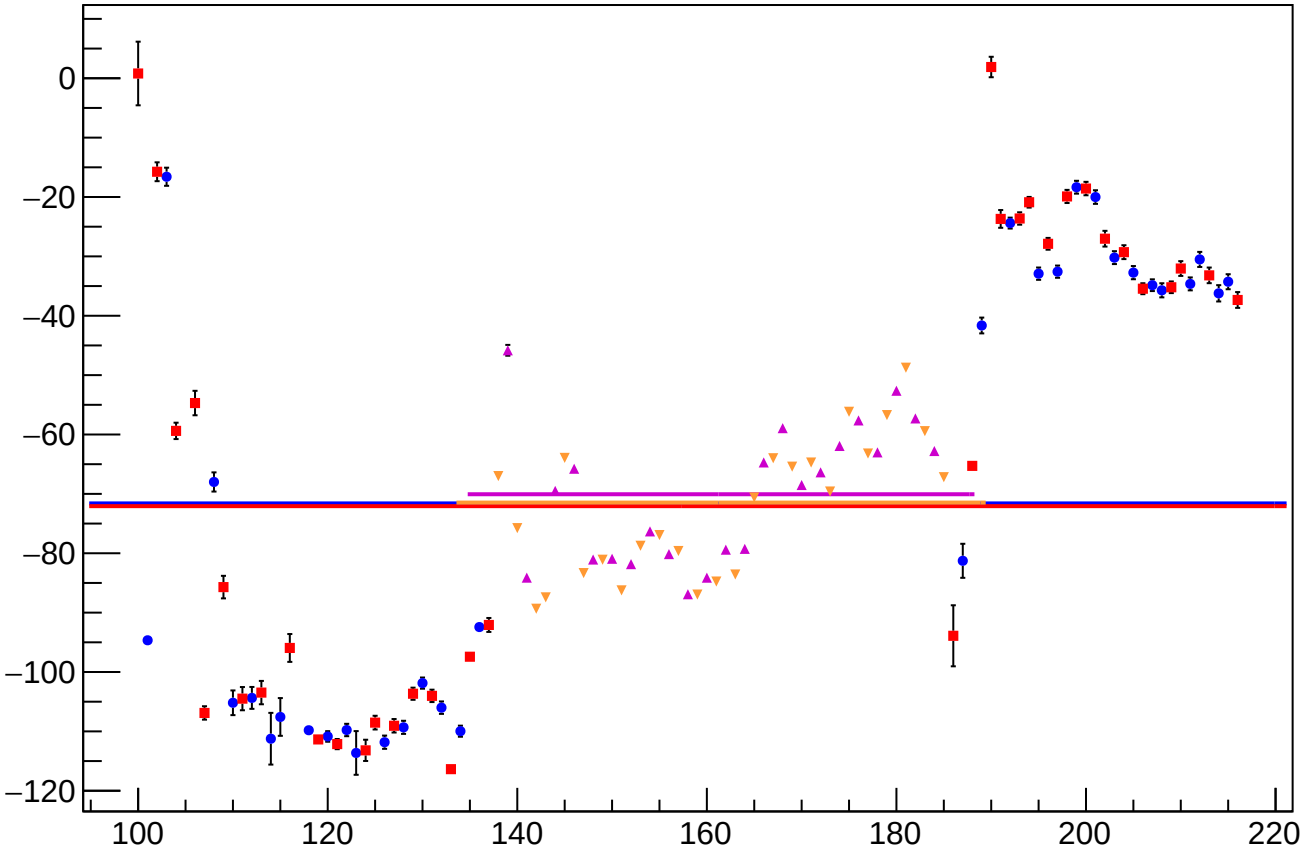
Left In: 9.328+/-0.103 χ^2/NDF:11968.5/22

\+ sign 11.000+/-0.086 χ^2/NDF: 18004.2/56

All: 11.395+/-0.060 χ^2/NDF: 35273.4/114

\- sign 11.782+/-0.085 χ^2/NDF: 17227.5/57

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -71.605+/-0.192 χ^2/NDF: 36793.3/31

Left Out: -71.465+/-0.089 χ^2/NDF:16409.7/24

Right Out: -72.068+/-0.186 χ^2/NDF: 44129.9/34

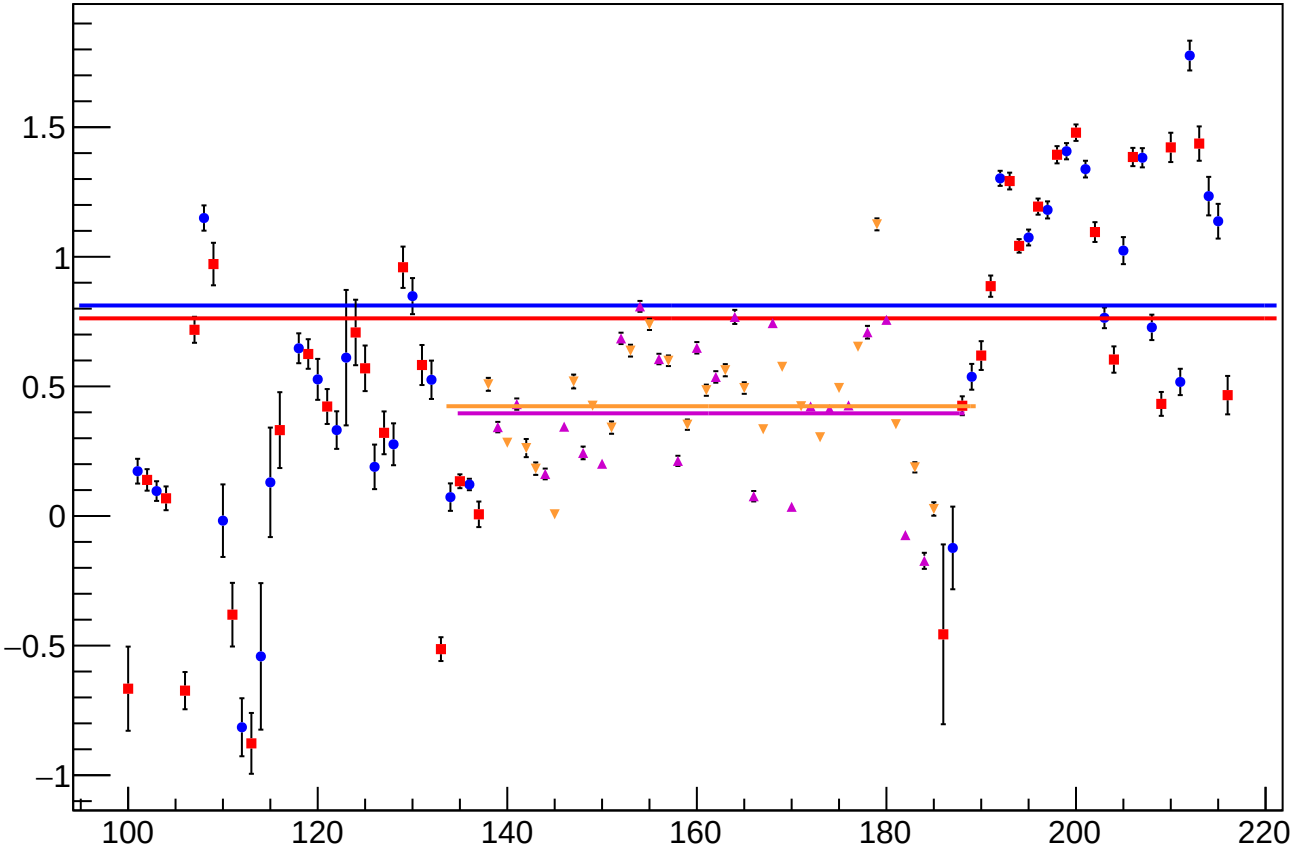
Left In: -70.061+/-0.092 χ^2/NDF:13058.5/22

+ sign -71.490+/-0.081 χ^2/NDF: 53203.4/56

All: -70.980+/-0.058 χ^2/NDF: 110566.1/114

- sign -70.452+/-0.082 χ^2/NDF: 57281.8/57

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.812+/-0.008 χ^2/NDF: 4014.6/31

Left Out: 0.424+/-0.004 χ^2/NDF:2885.0/24

Right Out: 0.762+/-0.008 χ^2/NDF: 5129.3/34

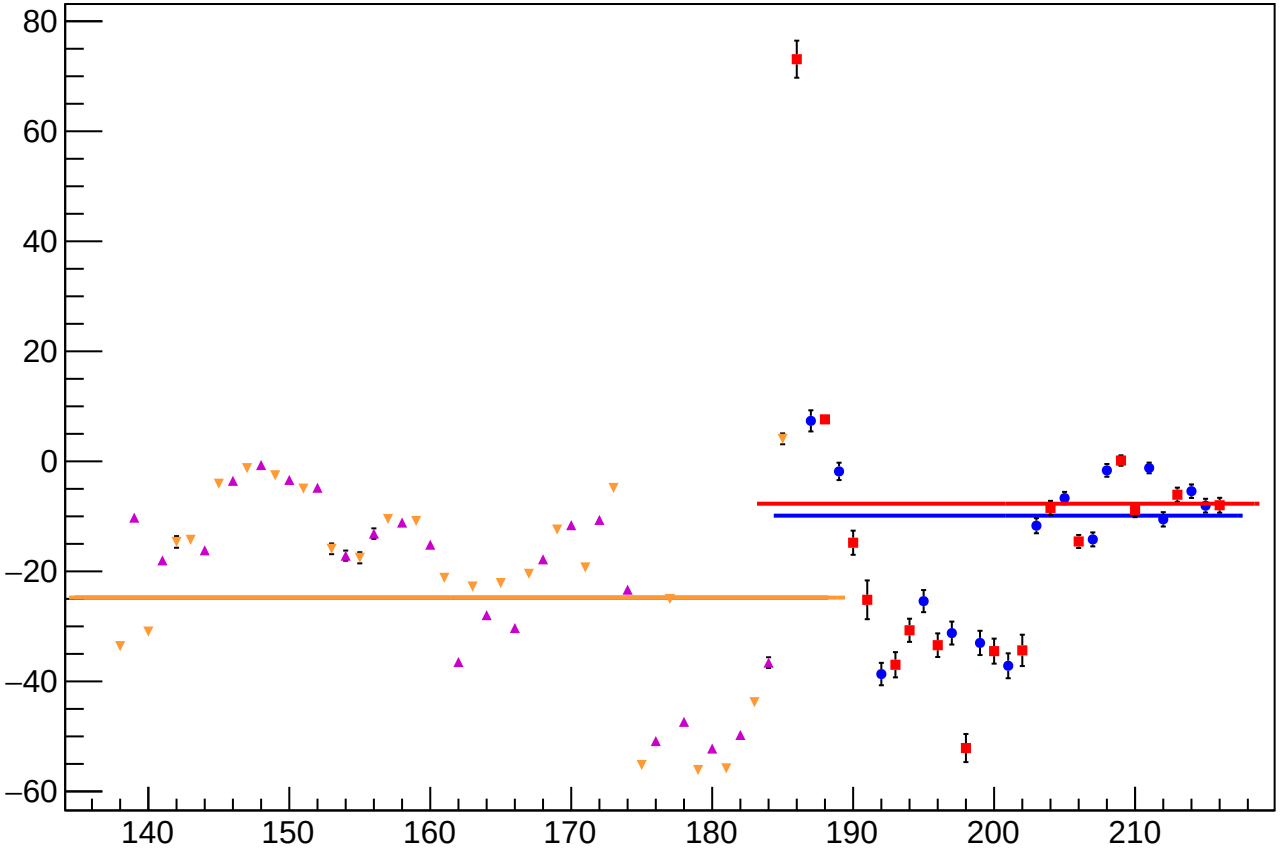
Left In: 0.396+/-0.004 χ^2/NDF:4051.5/22

\+ sign 0.499+/-0.004 χ^2/NDF: 8640.6/56

All: 0.486+/-0.003 χ^2/NDF: 19492.1/114

\- sign 0.474+/-0.004 χ^2/NDF: 10829.5/57

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -9.872+/-0.368 χ^2/NDF: 892.2/14

Left Out: -24.769+/-0.139 χ^2/NDF:18318.8/24

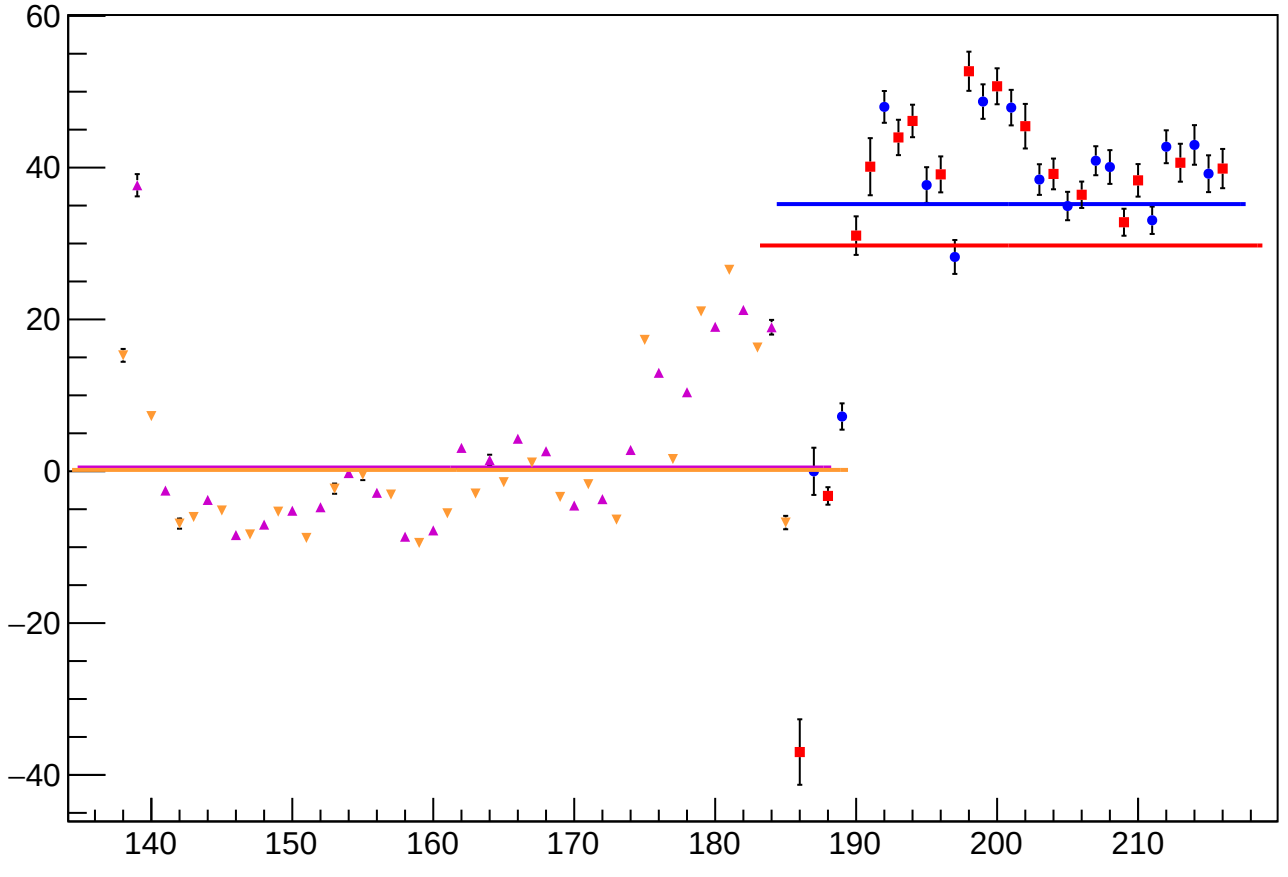
Right Out: -7.698+/-0.372 χ^2/NDF: 2037.5/15

Left In: -24.775+/-0.143 χ^2/NDF:14807.4/22

\+ sign -22.895+/-0.130 χ^2/NDF: 20647.4/39

All: -22.742+/-0.093 χ^2/NDF: 39332.5/78

\- sign -22.582+/-0.133 χ^2/NDF: 18682.2/38



Right In: 35.193+/-0.553 χ^2/NDF: 543.6/14

Left Out: 0.177+/-0.109 χ^2/NDF:8295.6/24

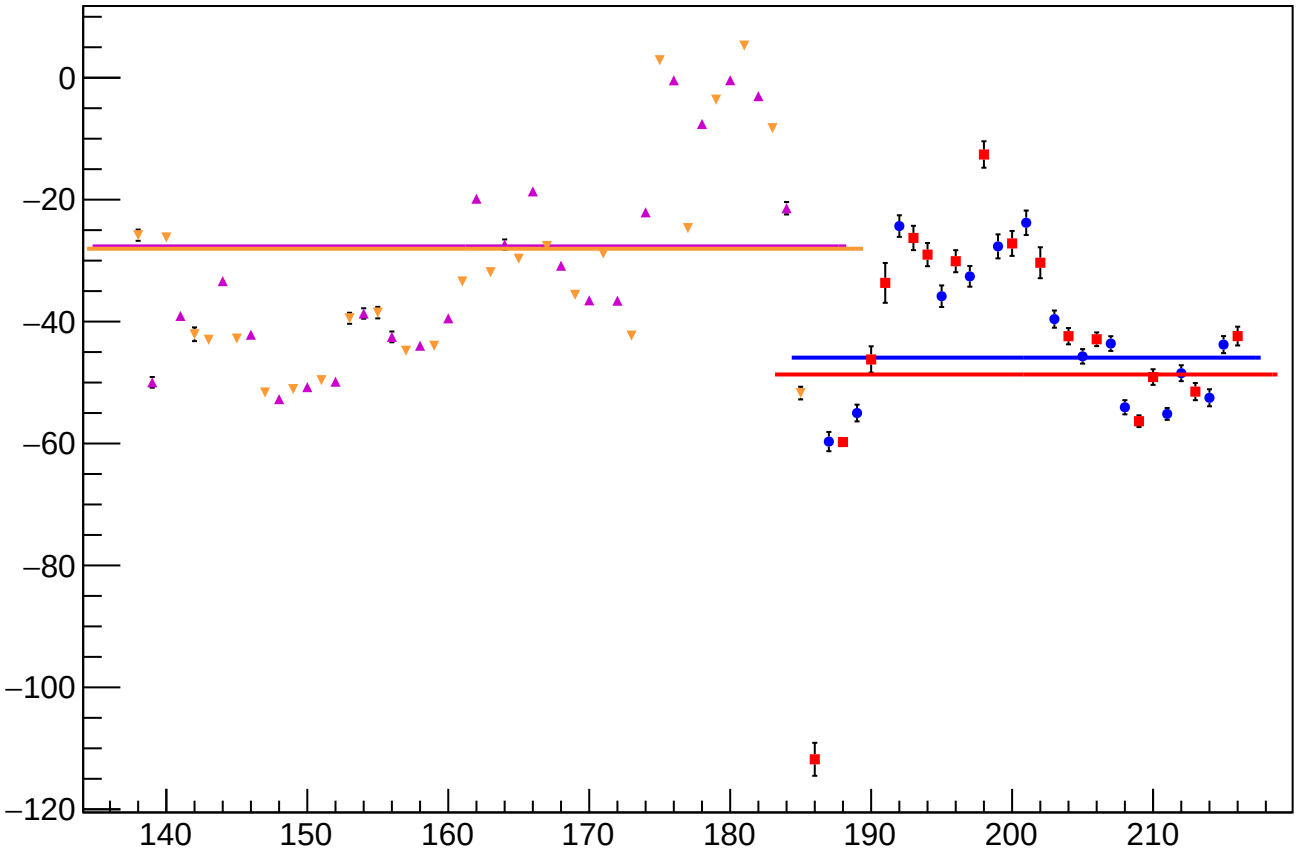
Right Out: 29.741+/-0.536 χ^2/NDF: 1454.1/15

Left In: 0.493+/-0.112 χ^2/NDF:6555.4/22

+ sign 1.475+/-0.106 χ^2/NDF: 12697.3/39

All: 1.593+/-0.076 χ^2/NDF: 23558.3/78

- sign 1.718+/-0.110 χ^2/NDF: 10858.5/38



Right In: -45.915+/-0.360 χ^2/NDF: 760.0/14

Left Out: -28.050+/-0.140 χ^2/NDF:17144.5/24

Right Out: -48.677+/-0.348 χ^2/NDF: 1769.8/15

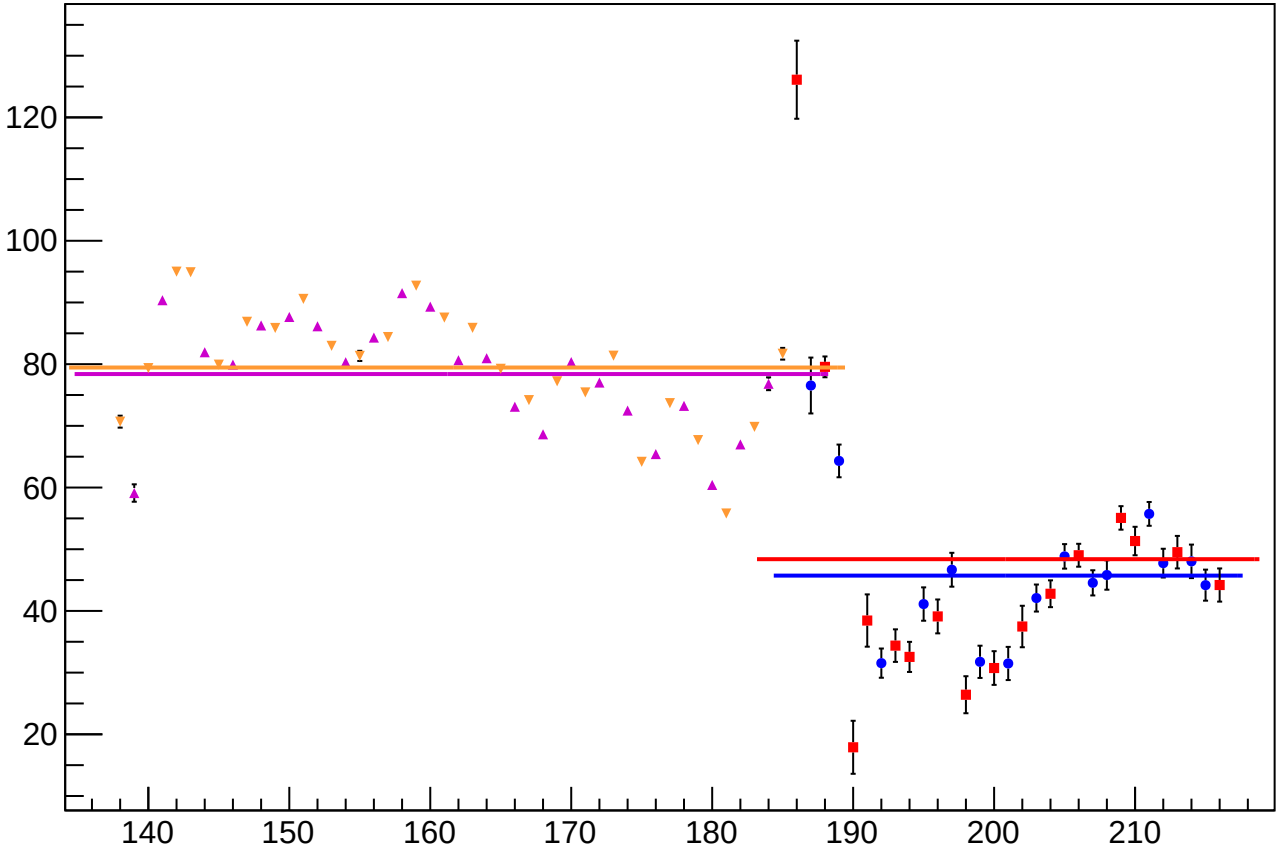
Left In: -27.666+/-0.142 χ^2/NDF:15003.2/22

+ sign -30.392+/-0.130 χ^2/NDF: 20042.5/39

All: -30.532+/-0.093 χ^2/NDF: 39932.9/78

- sign -30.675+/-0.132 χ^2/NDF: 19888.0/38

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 45.725+/-0.626 χ^2/NDF: 225.4/14

Left Out: 79.456+/-0.123 χ^2/NDF:6077.1/24

Right Out: 48.387+/-0.631 χ^2/NDF: 759.5/15

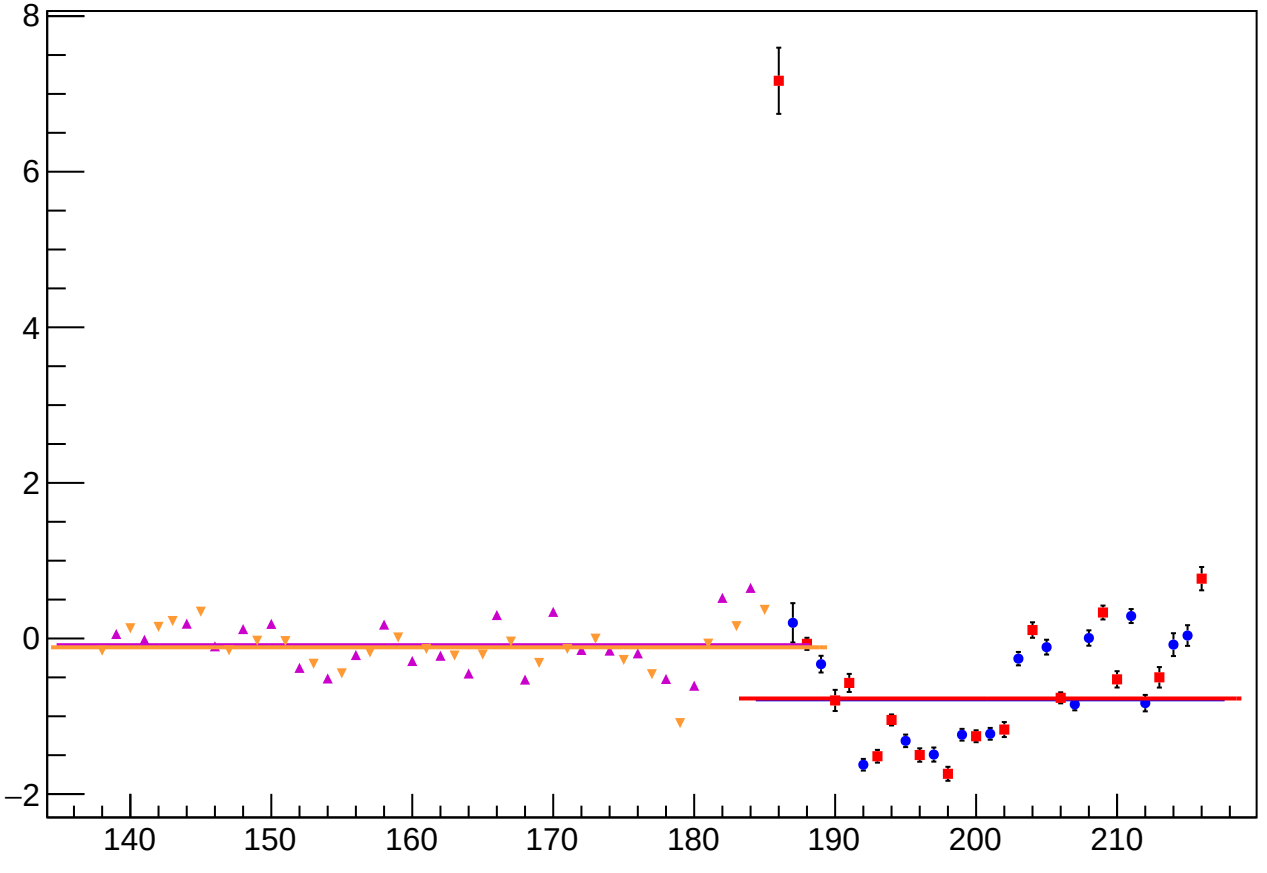
Left In: 78.396+/-0.127 χ^2/NDF:4707.3/22

+ sign 78.200+/-0.121 χ^2/NDF: 9094.2/39

All: 77.730+/-0.087 χ^2/NDF: 16766.2/78

- sign 77.232+/-0.124 χ^2/NDF: 7640.8/38

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.782+/-0.024 χ^2/NDF: 687.9/14

Left Out: -0.113+/-0.006 χ^2/NDF:2303.1/24

Right Out: -0.771+/-0.024 χ^2/NDF: 1120.7/15

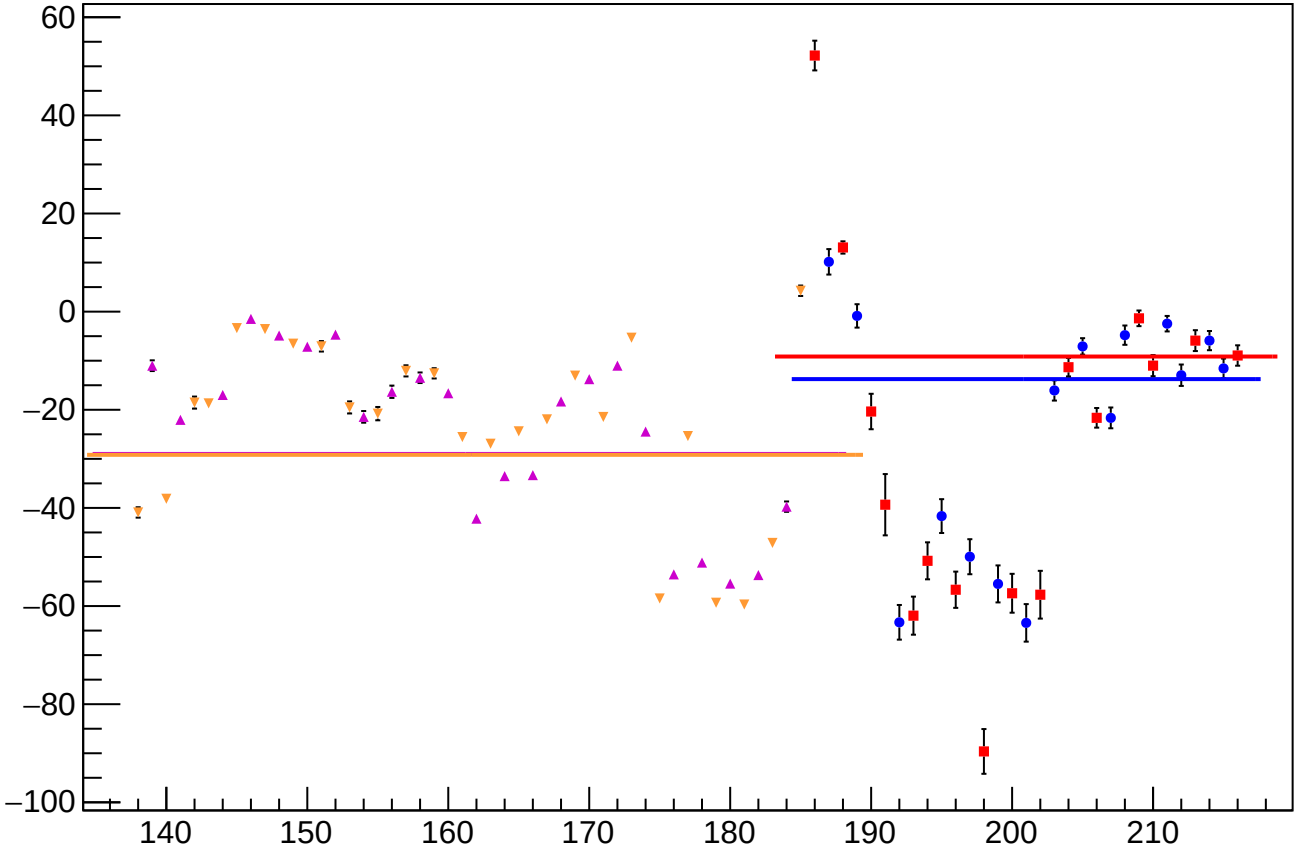
Left In: -0.086+/-0.006 χ^2/NDF:3132.1/22

+ sign -0.149+/-0.006 χ^2/NDF: 3727.5/39

All: -0.137+/-0.004 χ^2/NDF: 8786.4/78

- sign -0.125+/-0.006 χ^2/NDF: 5049.9/38

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -13.749+/-0.587 χ^2/NDF: 890.6/14

Left Out: -29.180+/-0.157 χ^2/NDF:16912.2/24

Right Out: -9.148+/-0.597 χ^2/NDF: 1857.3/15

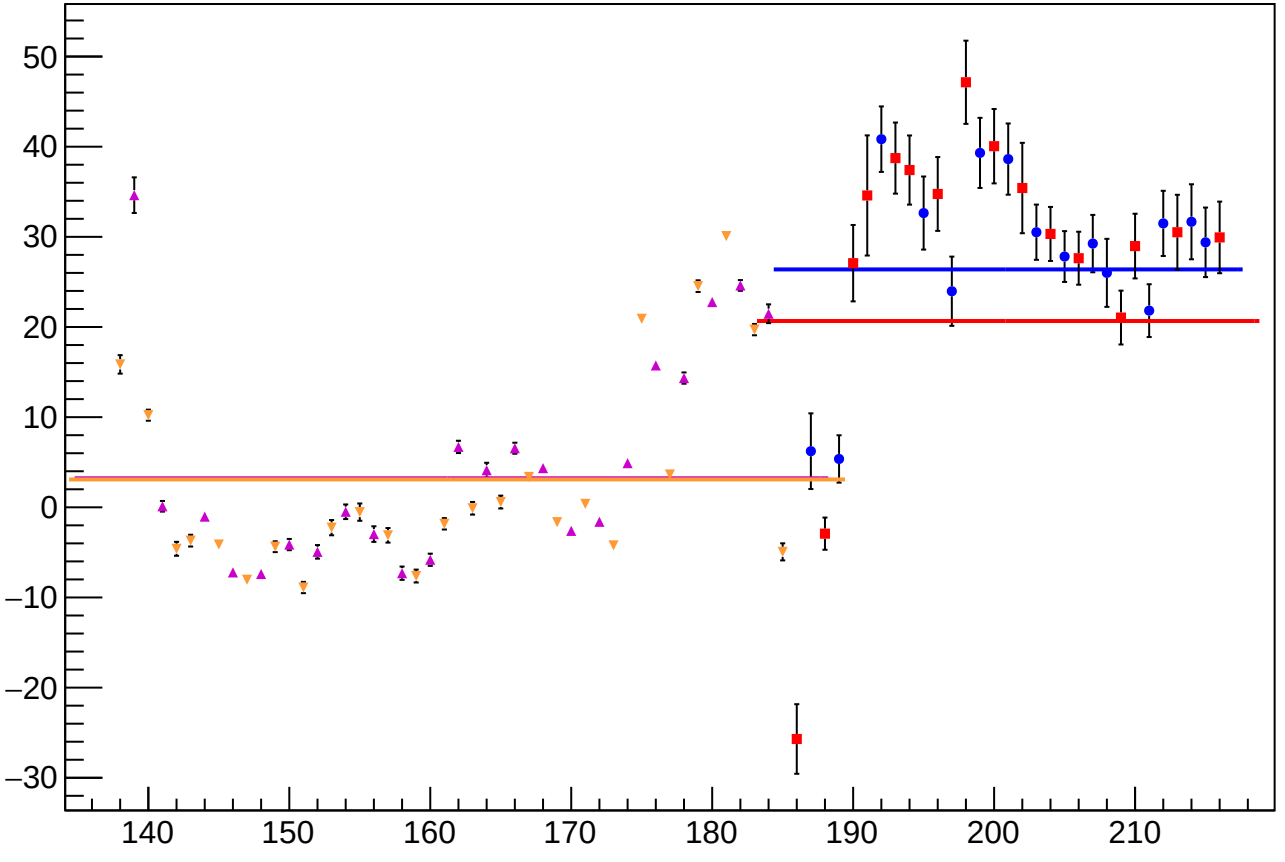
Left In: -29.003+/-0.160 χ^2/NDF:13416.8/22

\+ sign -28.154+/-0.151 χ^2/NDF: 18447.3/39

All: -27.918+/-0.108 χ^2/NDF: 34759.3/78

\- sign -27.674+/-0.154 χ^2/NDF: 16307.1/38

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 26.387+/-0.892 χ^2/NDF: 135.9/14

Left Out: 3.091+/-0.124 χ^2/NDF:8084.1/24

Right Out: 20.665+/-0.865 χ^2/NDF: 473.6/15

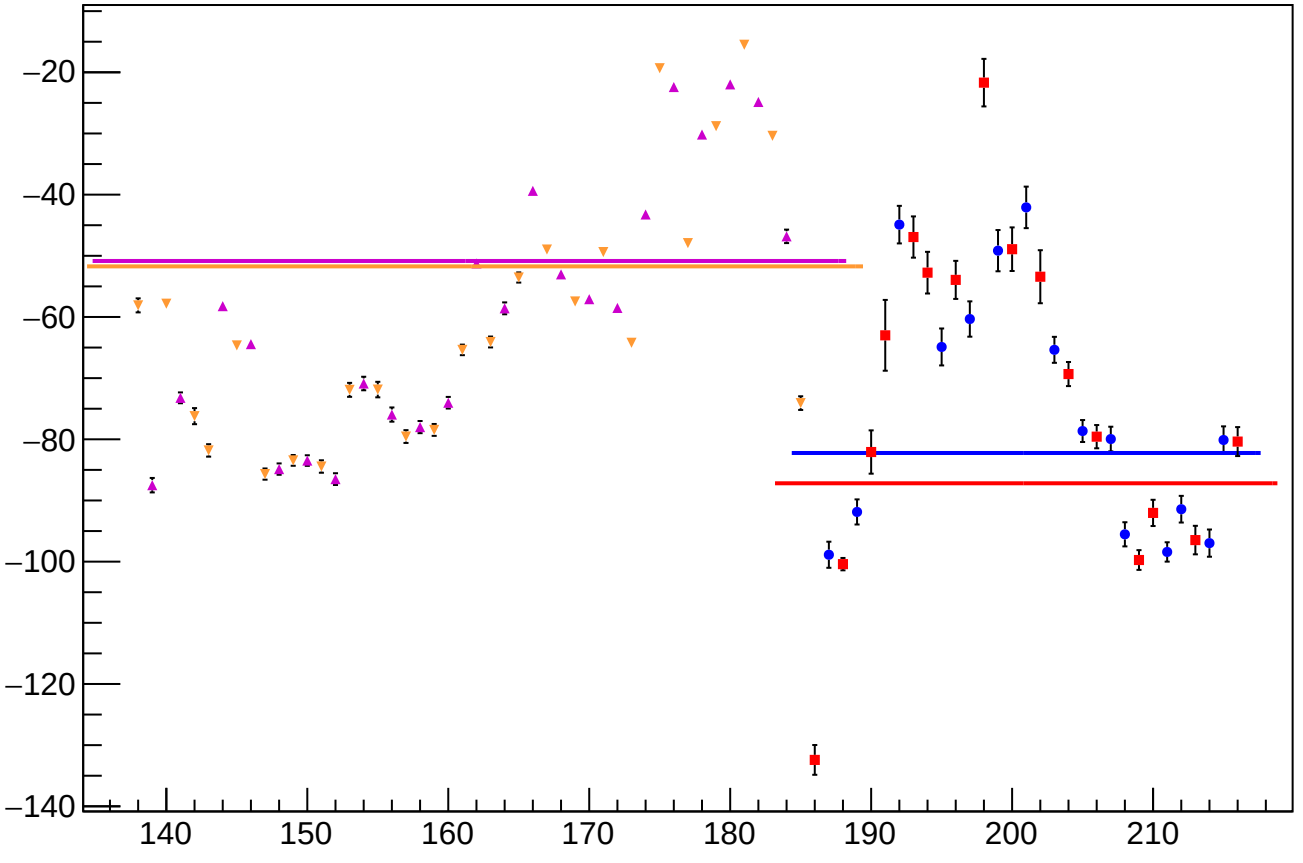
Left In: 3.221+/-0.127 χ^2/NDF:6237.6/22

+ sign 3.535+/-0.123 χ^2/NDF: 8888.8/39

All: 3.561+/-0.088 χ^2/NDF: 15997.8/78

- sign 3.589+/-0.126 χ^2/NDF: 7108.9/38

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -82.236+/-0.576 χ^2/NDF: 837.9/14

Left Out: -51.729+/-0.158 χ^2/NDF:19538.0/24

Right Out: -87.190+/-0.556 χ^2/NDF: 1542.4/15

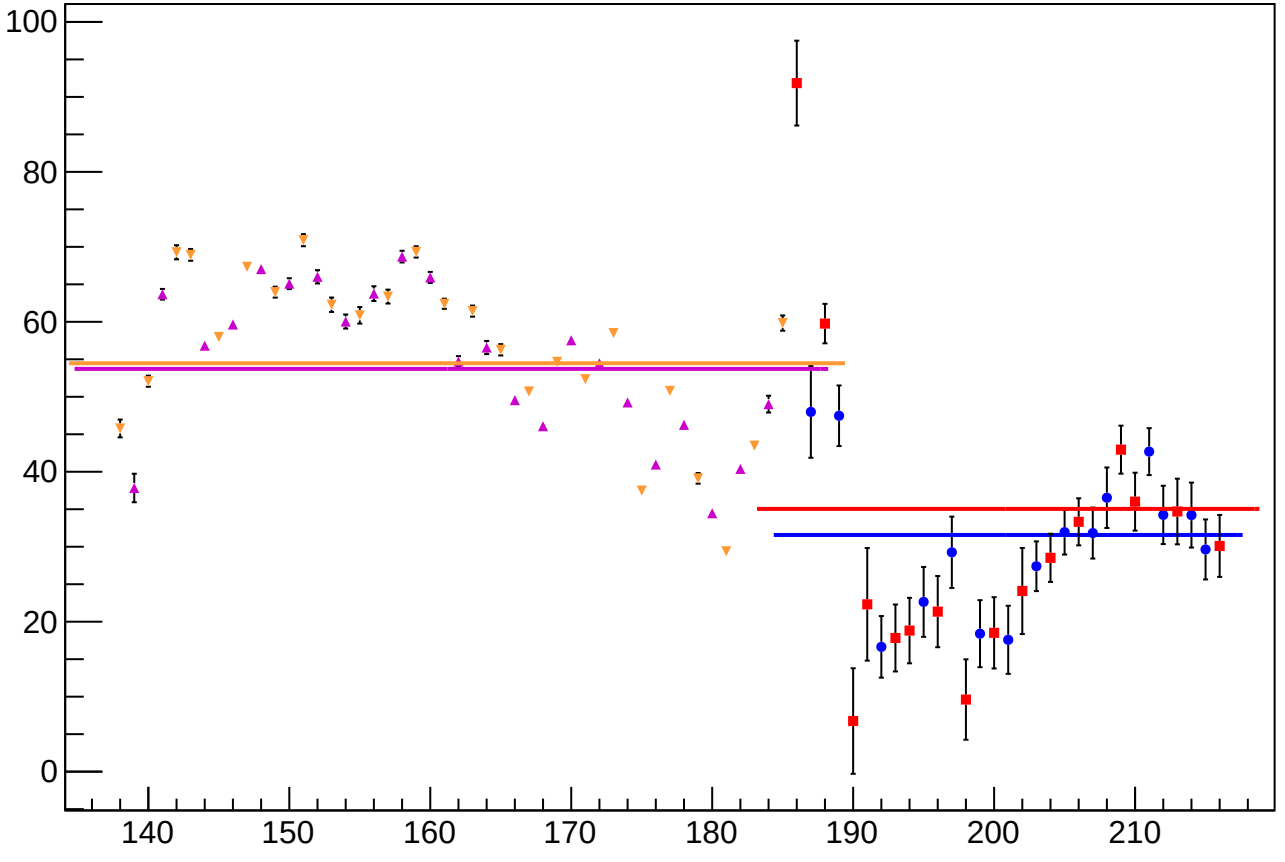
Left In: -50.844+/-0.160 χ^2/NDF:17272.0/22

+ sign -53.862+/-0.152 χ^2/NDF: 22985.8/39

All: -53.744+/-0.108 χ^2/NDF: 45742.7/78

- sign -53.624+/-0.154 χ^2/NDF: 22755.7/38

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 31.570+/-1.015 χ^2/NDF: 74.8/14

Left Out: 54.476+/-0.140 χ^2/NDF:6266.9/24

Right Out: 35.046+/-1.030 χ^2/NDF: 295.2/15

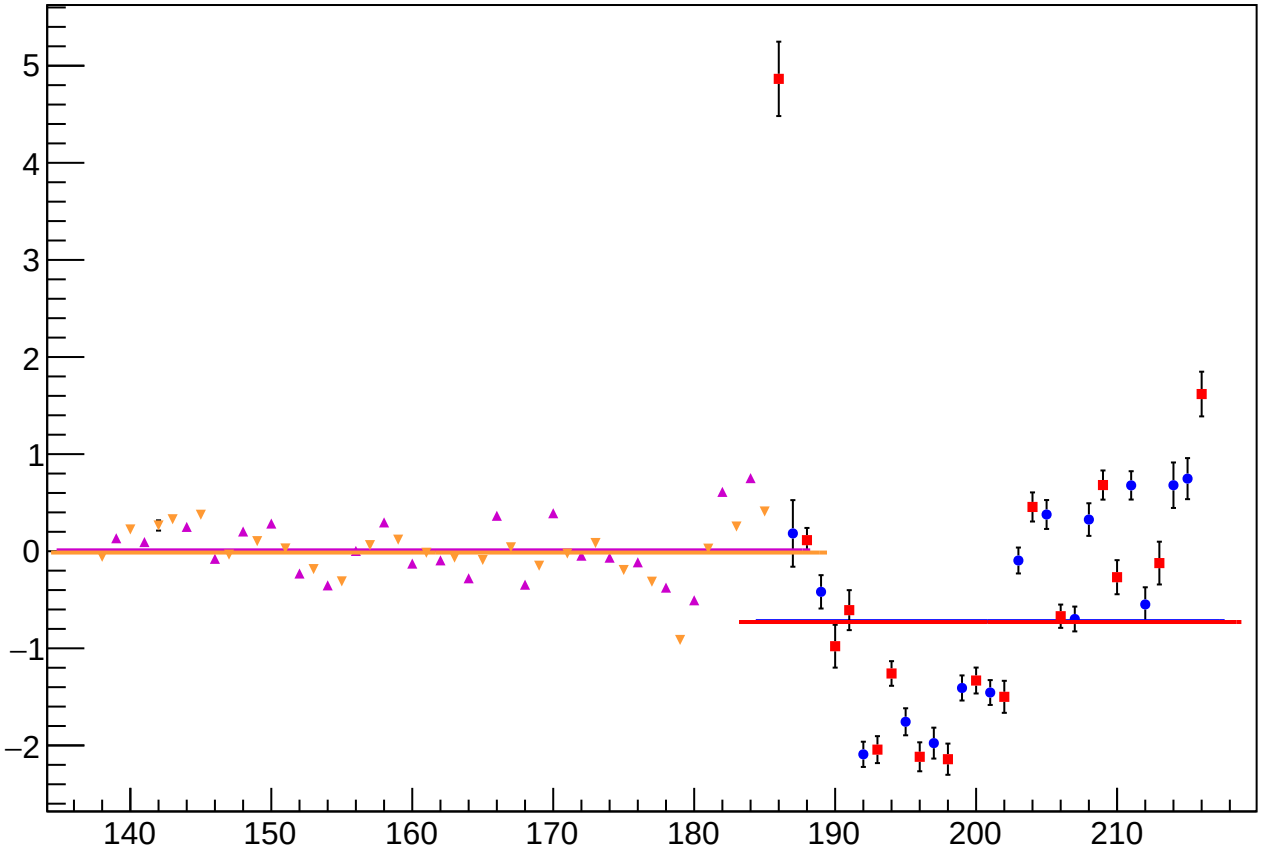
Left In: 53.724+/-0.143 χ^2/NDF:4585.7/22

+ sign 54.047+/-0.139 χ^2/NDF: 6841.2/39

All: 53.715+/-0.099 χ^2/NDF: 12056.6/78

- sign 53.370+/-0.142 χ^2/NDF: 5203.8/38

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.720+/-0.040 χ^2/NDF: 592.3/14

Left Out: -0.014+/-0.006 χ^2/NDF:1654.7/24

Right Out: -0.729+/-0.040 χ^2/NDF: 842.9/15

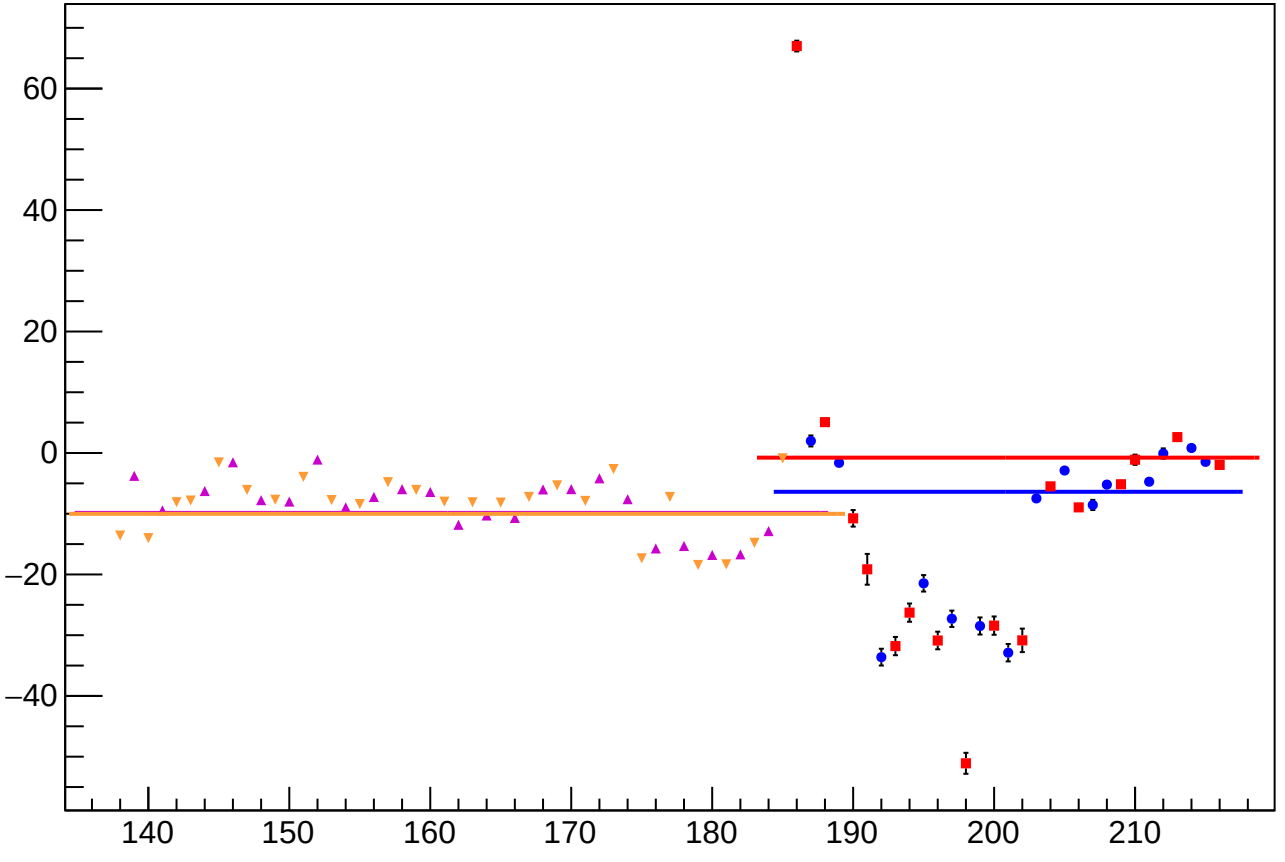
Left In: 0.009+/-0.007 χ^2/NDF:2220.5/22

+ sign -0.032+/-0.006 χ^2/NDF: 2553.9/39

All: -0.021+/-0.005 χ^2/NDF: 5959.6/78

- sign -0.011+/-0.006 χ^2/NDF: 3400.3/38

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -6.388+/-0.222 χ^2/NDF: 1702.3/14

Left Out: -10.017+/-0.051 χ^2/NDF:12552.8/24

Right Out: -0.767+/-0.222 χ^2/NDF: 8935.8/15

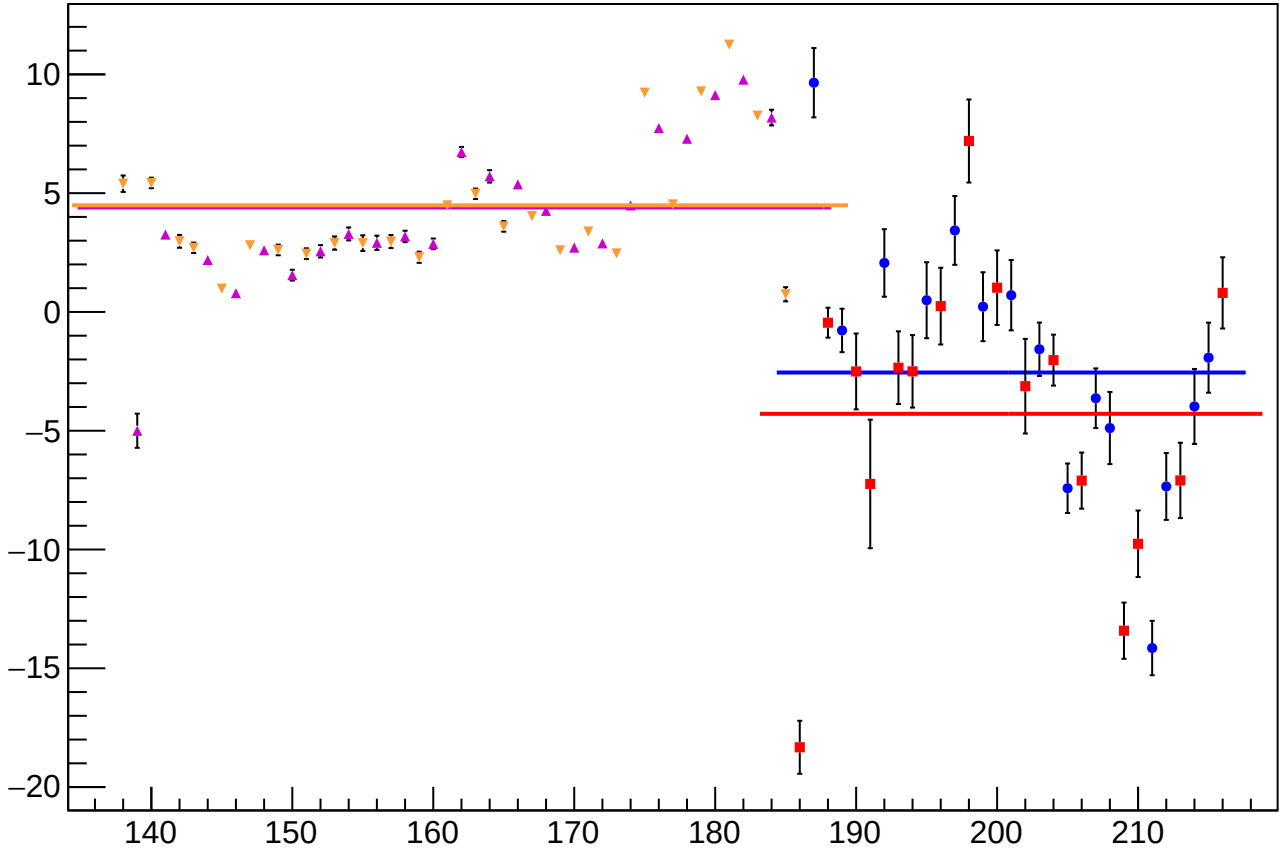
Left In: -9.865+/-0.051 χ^2/NDF:9345.4/22

+ sign -9.837+/-0.049 χ^2/NDF: 14509.0/39

All: -9.623+/-0.035 χ^2/NDF: 34419.1/78

- sign -9.404+/-0.050 χ^2/NDF: 19872.1/38

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: -2.549+/-0.336 χ^2/NDF: 254.2/14

Left Out: 4.489+/-0.041 χ^2/NDF:4832.3/24

Right Out: -4.288+/-0.321 χ^2/NDF: 363.0/15

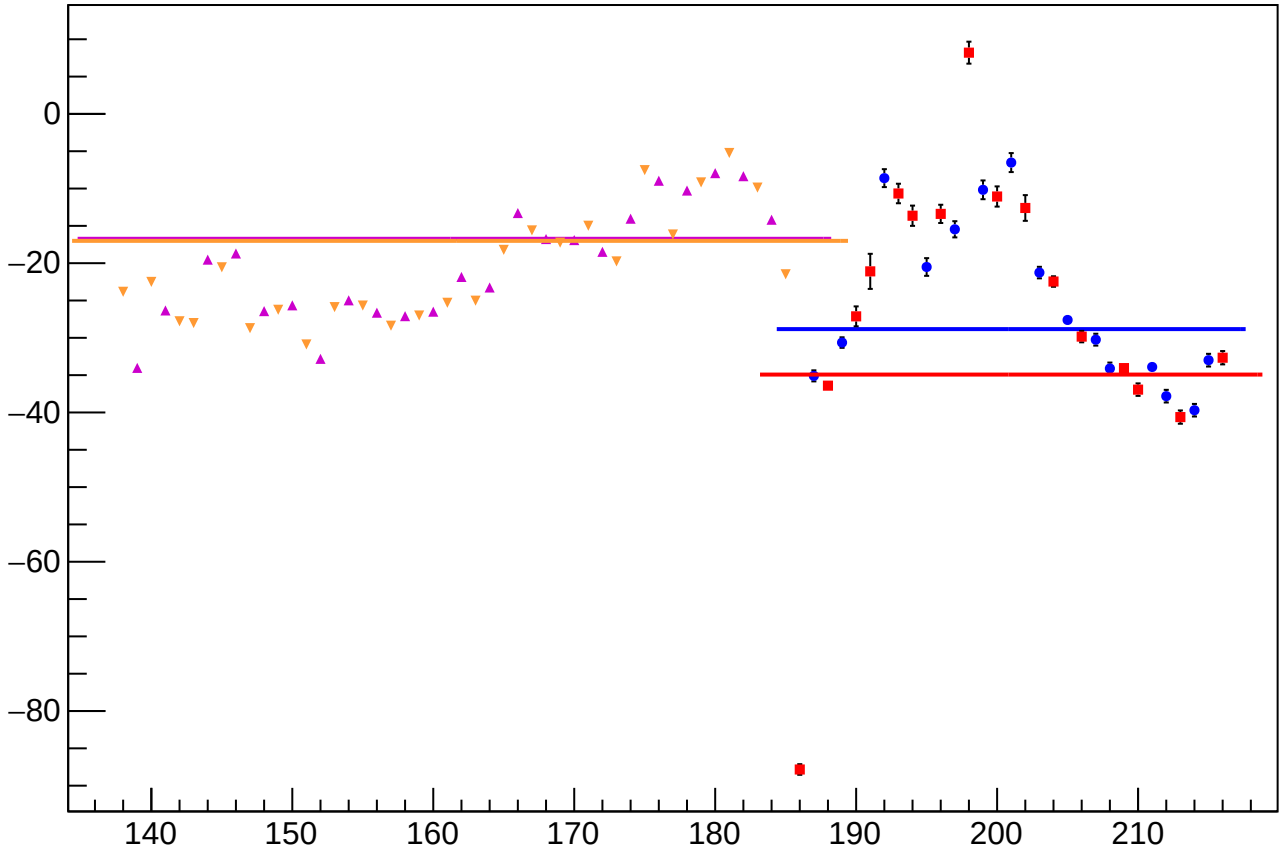
Left In: 4.396+/-0.041 χ^2/NDF:4230.4/22

+ sign 4.387+/-0.040 χ^2/NDF: 5519.6/39

All: 4.322+/-0.029 χ^2/NDF: 10839.6/78

- sign 4.255+/-0.041 χ^2/NDF: 5314.8/38

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -28.832+/-0.217 χ^2/NDF: 1605.0/14

Left Out: -17.008+/-0.051 χ^2/NDF:22094.7/24

Right Out: -34.923+/-0.205 χ^2/NDF: 8273.6/15

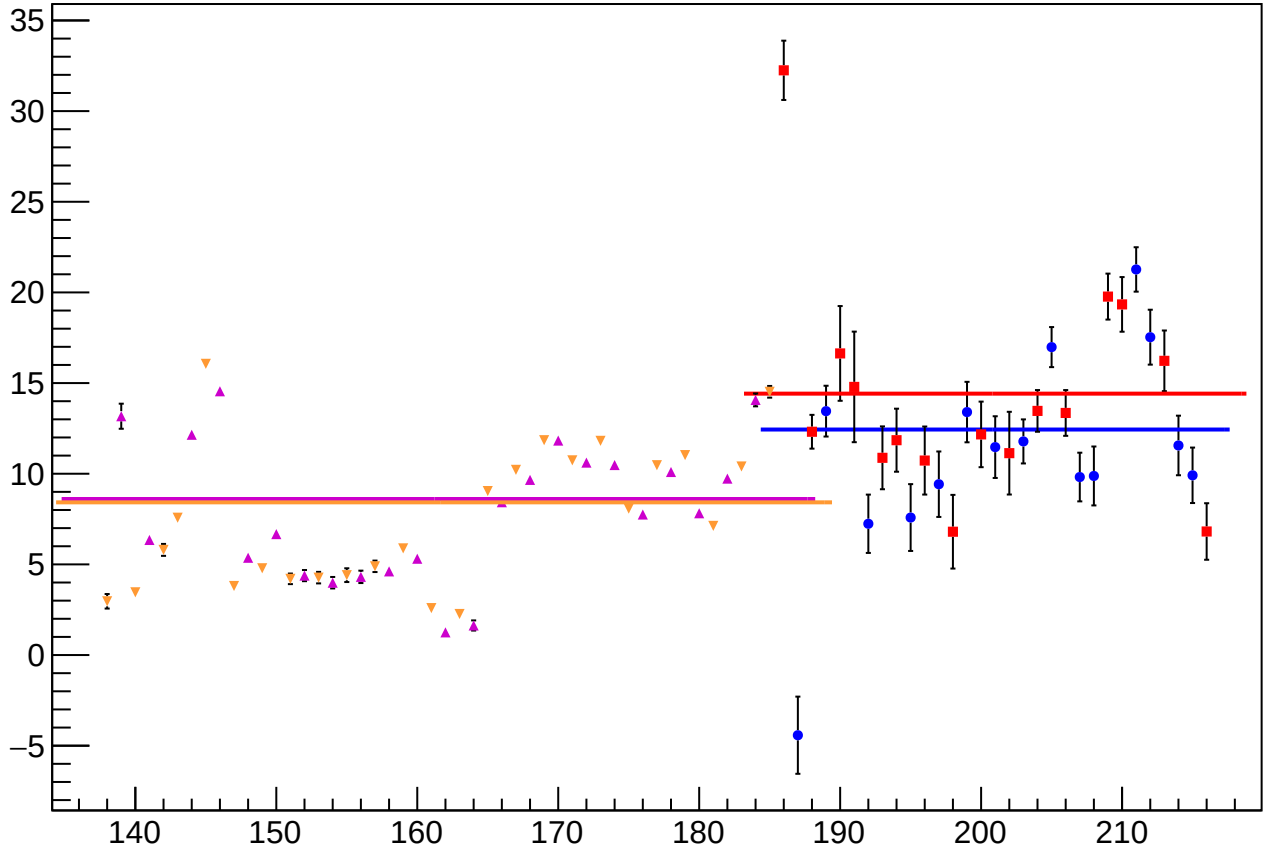
Left In: -16.732+/-0.052 χ^2/NDF:18777.2/22

+ sign -17.628+/-0.050 χ^2/NDF: 26509.3/39

All: -17.718+/-0.035 χ^2/NDF: 60949.9/78

- sign -17.810+/-0.050 χ^2/NDF: 34434.0/38

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 12.438+/-0.385 χ^2/NDF: 173.9/14

Left Out: 8.422+/-0.046 χ^2/NDF:6470.1/24

Right Out: 14.417+/-0.387 χ^2/NDF: 207.5/15

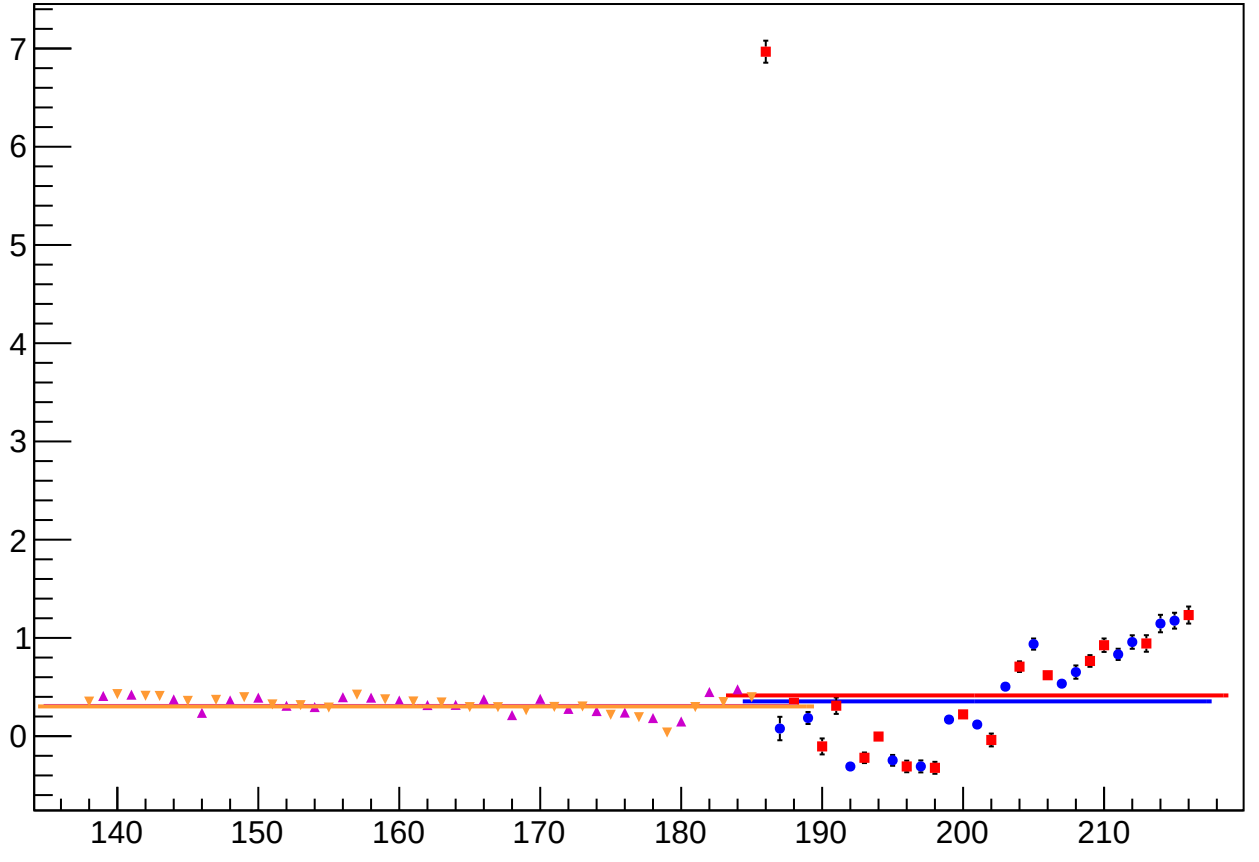
Left In: 8.606+/-0.046 χ^2/NDF:5504.2/22

+ sign 8.477+/-0.045 χ^2/NDF: 6751.5/39

All: 8.581+/-0.032 χ^2/NDF: 12696.4/78

- sign 8.688+/-0.046 χ^2/NDF: 5934.3/38

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.354+/-0.015 χ^2/NDF: 935.8/14

Left Out: 0.302+/-0.002 χ^2/NDF:1590.9/24

Right Out: 0.414+/-0.015 χ^2/NDF: 4290.3/15

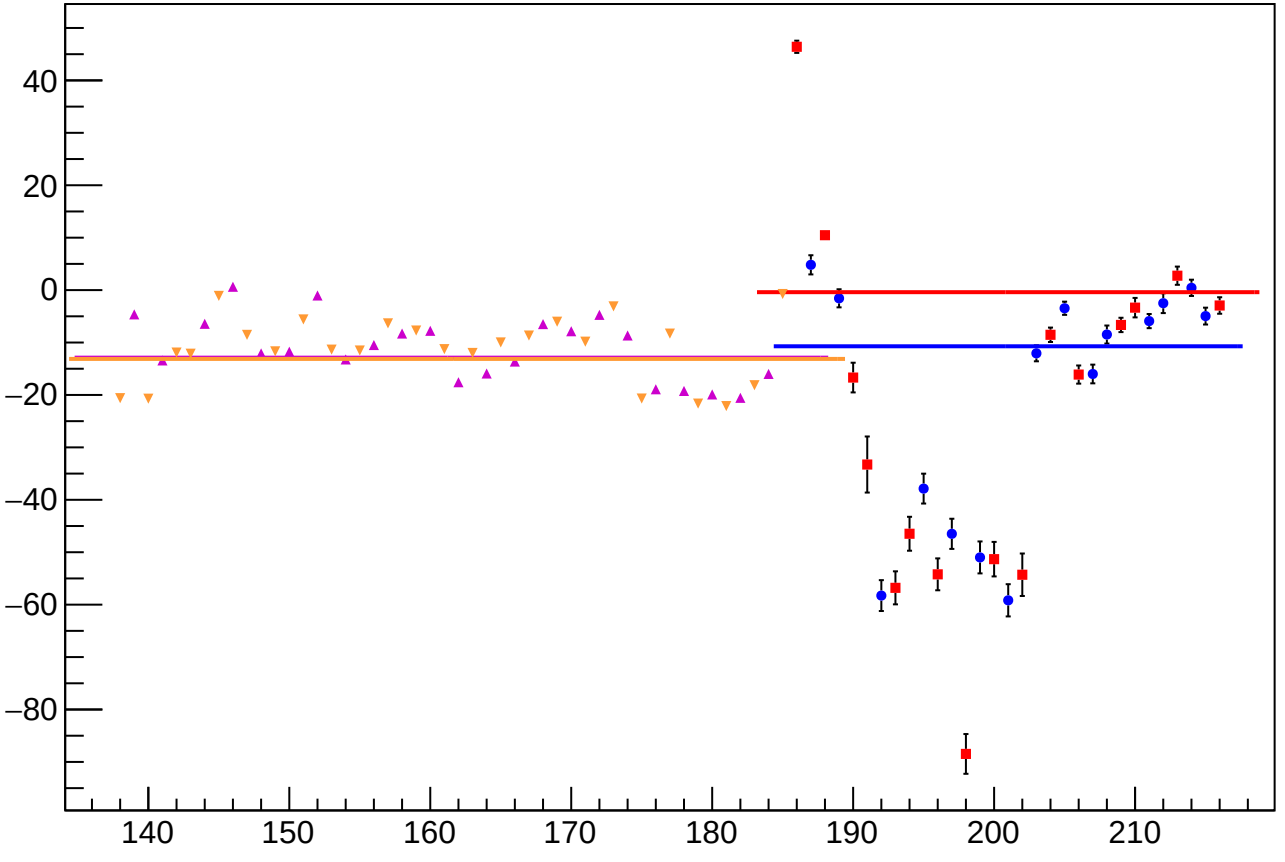
Left In: 0.307+/-0.002 χ^2/NDF:1699.5/22

\+ sign 0.303+/-0.002 χ^2/NDF: 2538.0/39

All: 0.306+/-0.001 χ^2/NDF: 8580.5/78

\- sign 0.309+/-0.002 χ^2/NDF: 6038.6/38

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -10.717+/-0.469 χ^2/NDF: 1170.4/14

Left Out: -13.125+/-0.094 χ^2/NDF:5977.6/24

Right Out: -0.396+/-0.447 χ^2/NDF: 3755.2/15

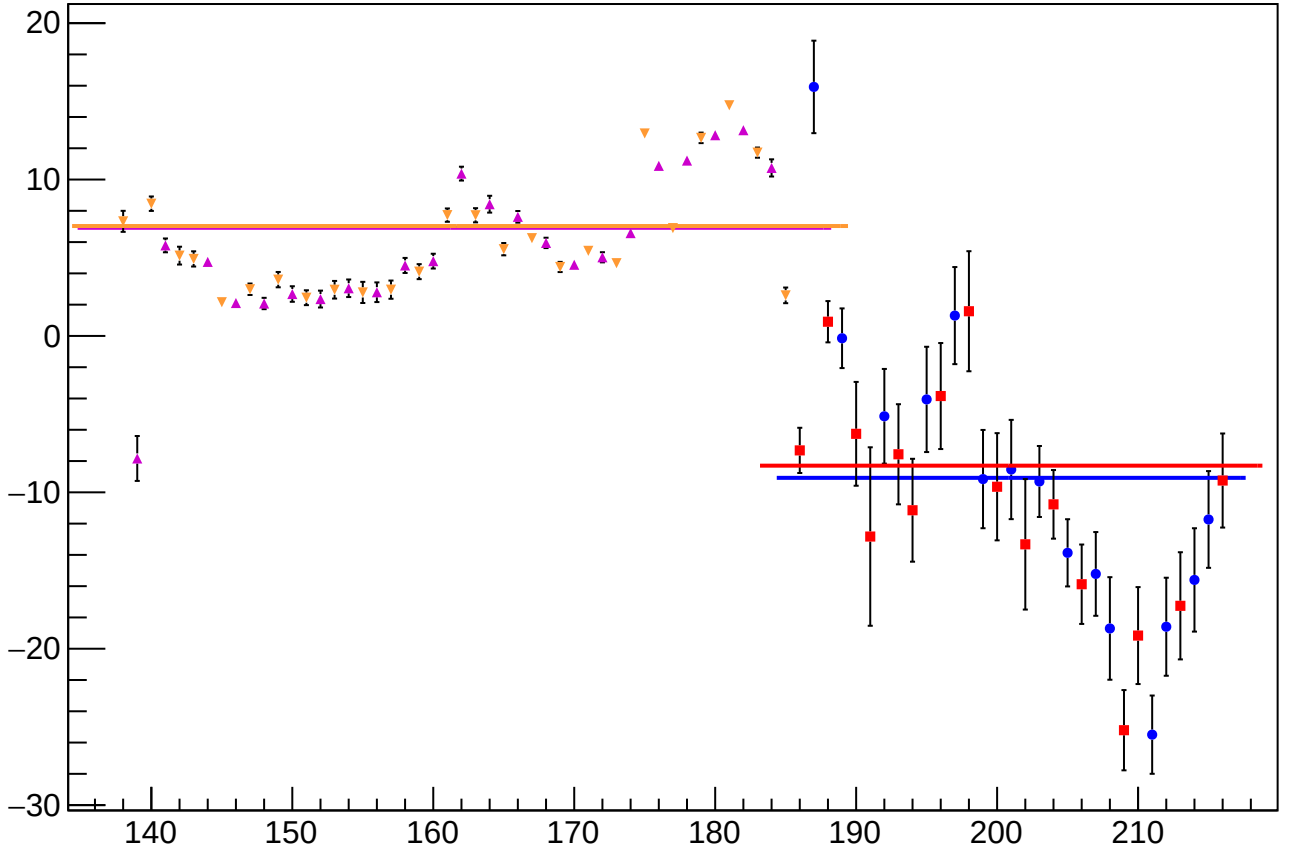
Left In: -12.885+/-0.095 χ^2/NDF:4776.2/22

+ sign -13.032+/-0.092 χ^2/NDF: 7173.4/39

All: -12.693+/-0.065 χ^2/NDF: 16477.8/78

- sign -12.346+/-0.093 χ^2/NDF: 9276.8/38

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: -9.074+/-0.709 χ^2/NDF: 184.3/14

Left Out: 7.028+/-0.077 χ^2/NDF:2665.3/24

Right Out: -8.295+/-0.635 χ^2/NDF: 133.7/15

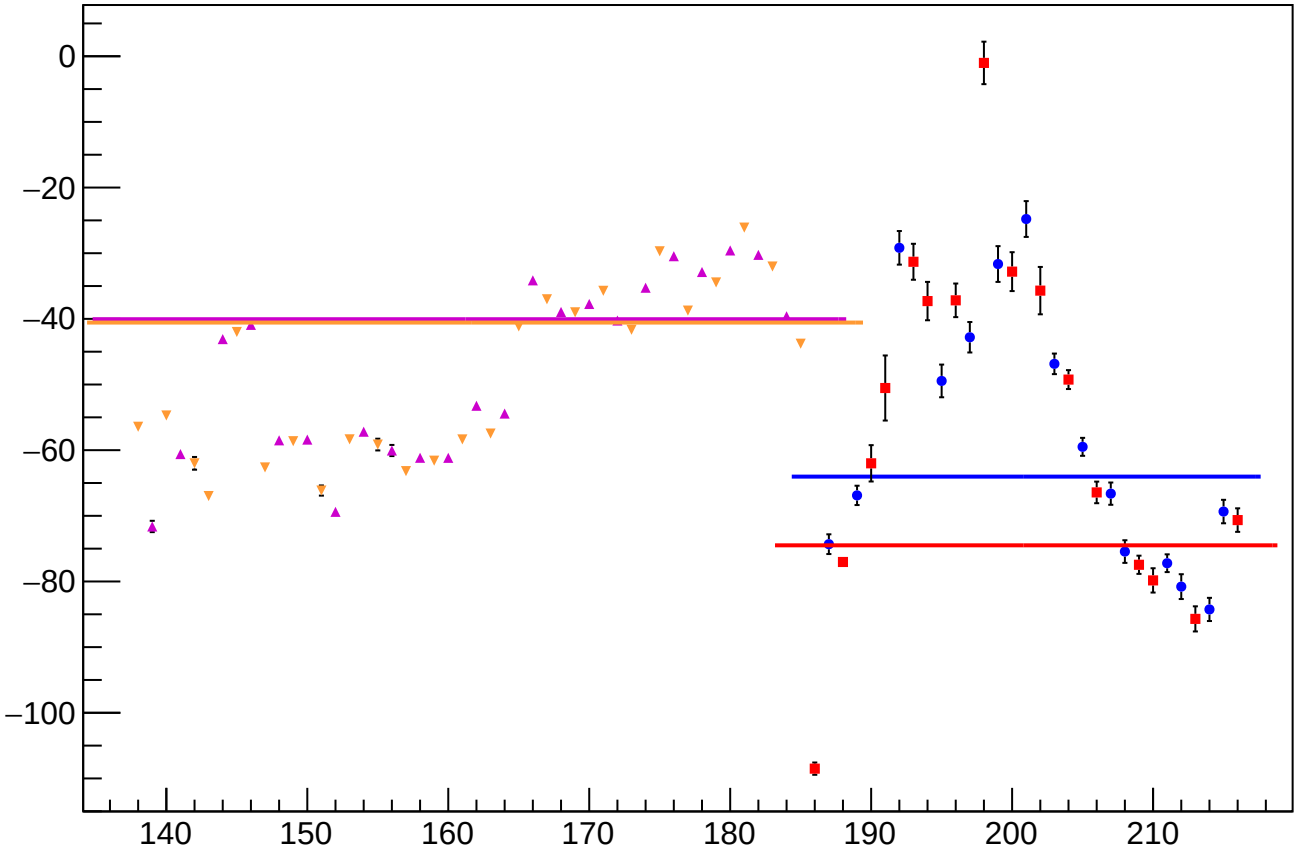
Left In: 6.914+/-0.078 χ^2/NDF:2428.2/22

+ sign 6.839+/-0.077 χ^2/NDF: 3359.8/39

All: 6.765+/-0.054 χ^2/NDF: 6488.0/78

- sign 6.690+/-0.077 χ^2/NDF: 3126.3/38

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -64.028+/-0.458 χ^2/NDF: 1193.4/14

Left Out: -40.563+/-0.095 χ^2/NDF:15637.6/24

Right Out: -74.493+/-0.408 χ^2/NDF: 3212.6/15

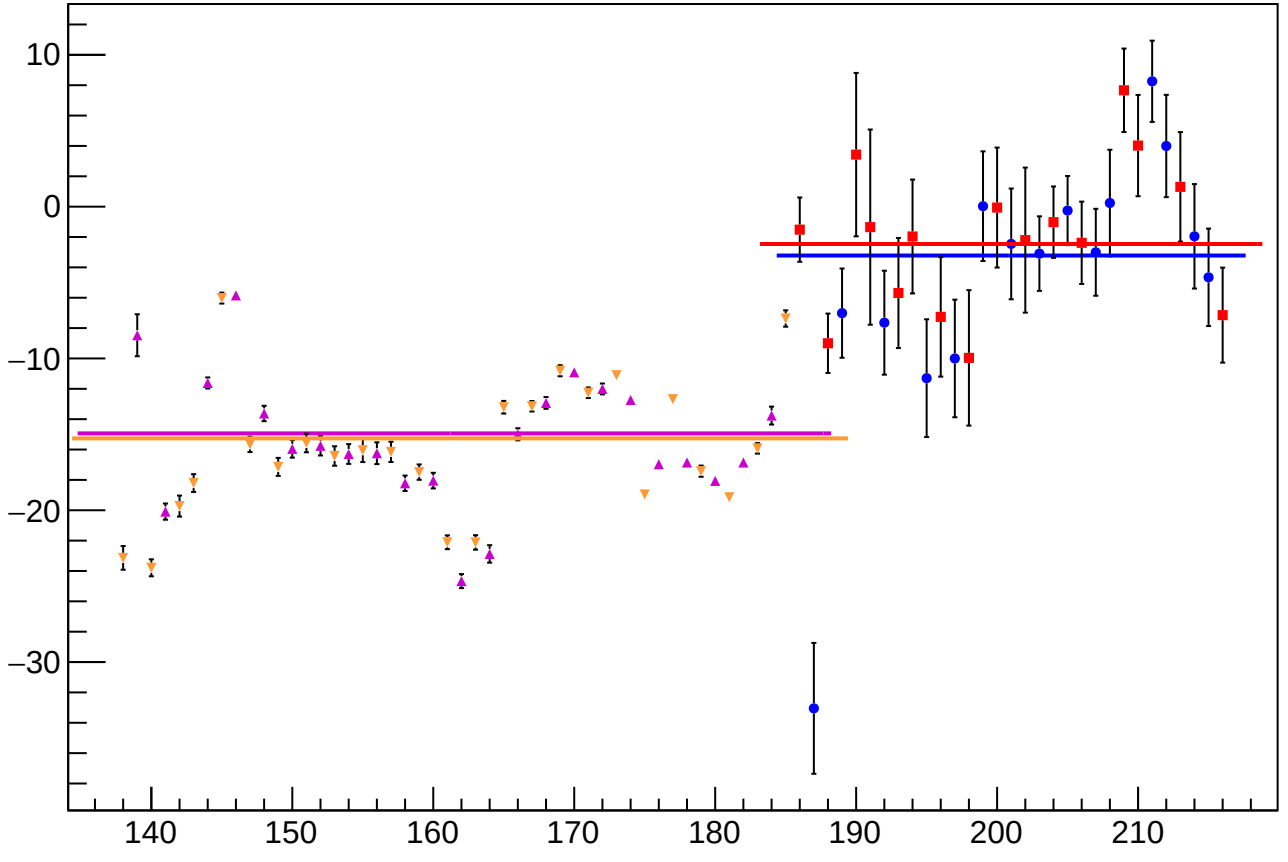
Left In: -40.053+/-0.096 χ^2/NDF:13927.3/22

\+ sign -41.524+/-0.093 χ^2/NDF: 19344.2/39

All: -41.687+/-0.066 χ^2/NDF: 43259.0/78

\- sign -41.852+/-0.093 χ^2/NDF: 23908.6/38

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -3.219+/-0.814 χ^2/NDF: 85.4/14

Left Out: -15.266+/-0.086 χ^2/NDF:2595.5/24

Right Out: -2.459+/-0.783 χ^2/NDF: 39.2/15

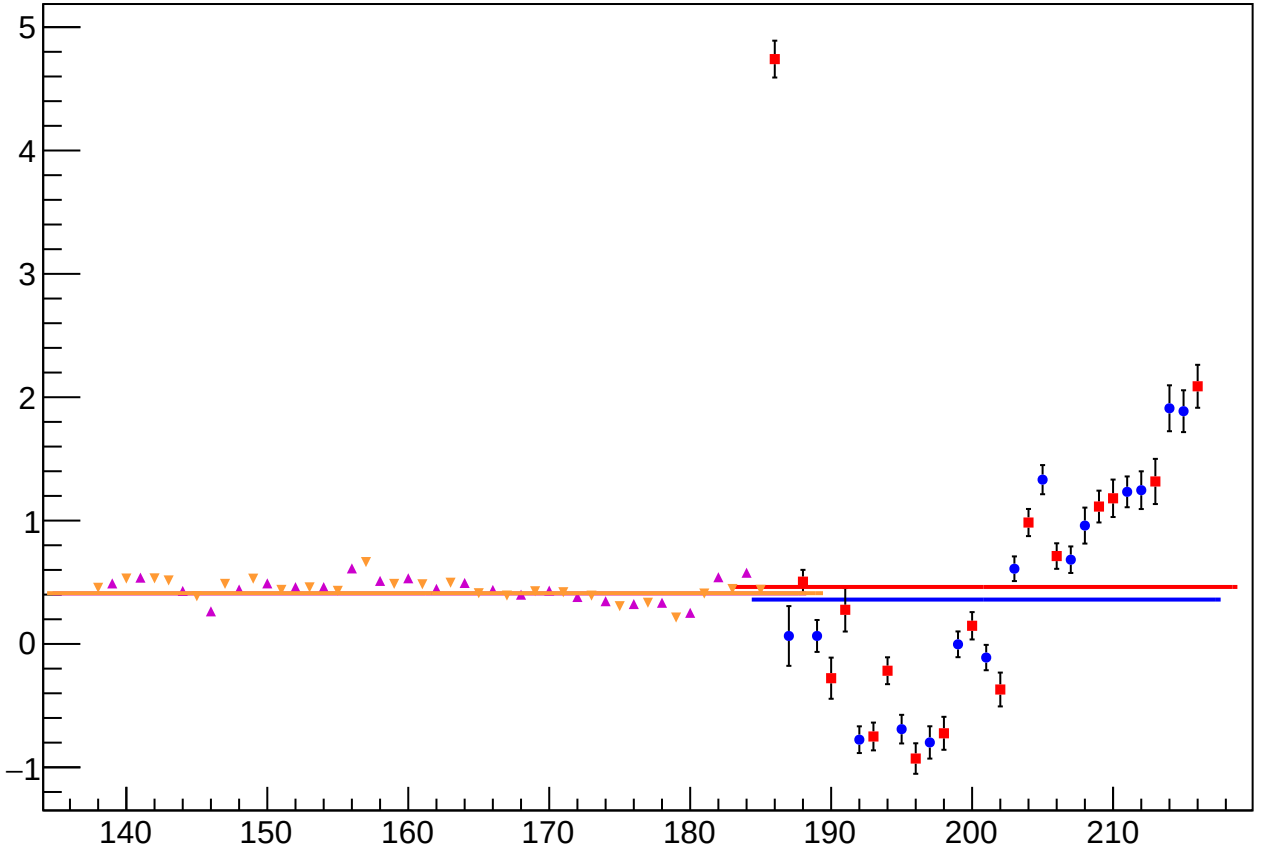
Left In: -14.936+/-0.087 χ^2/NDF:2199.7/22

+ sign -15.133+/-0.085 χ^2/NDF: 2897.7/39

All: -14.961+/-0.061 χ^2/NDF: 5395.5/78

- sign -14.785+/-0.086 χ^2/NDF: 2489.7/38

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.360+/-0.032 χ^2/NDF: 642.6/14

Left Out: 0.411+/-0.004 χ^2/NDF:428.7/24

Right Out: 0.462+/-0.032 χ^2/NDF: 1431.8/15

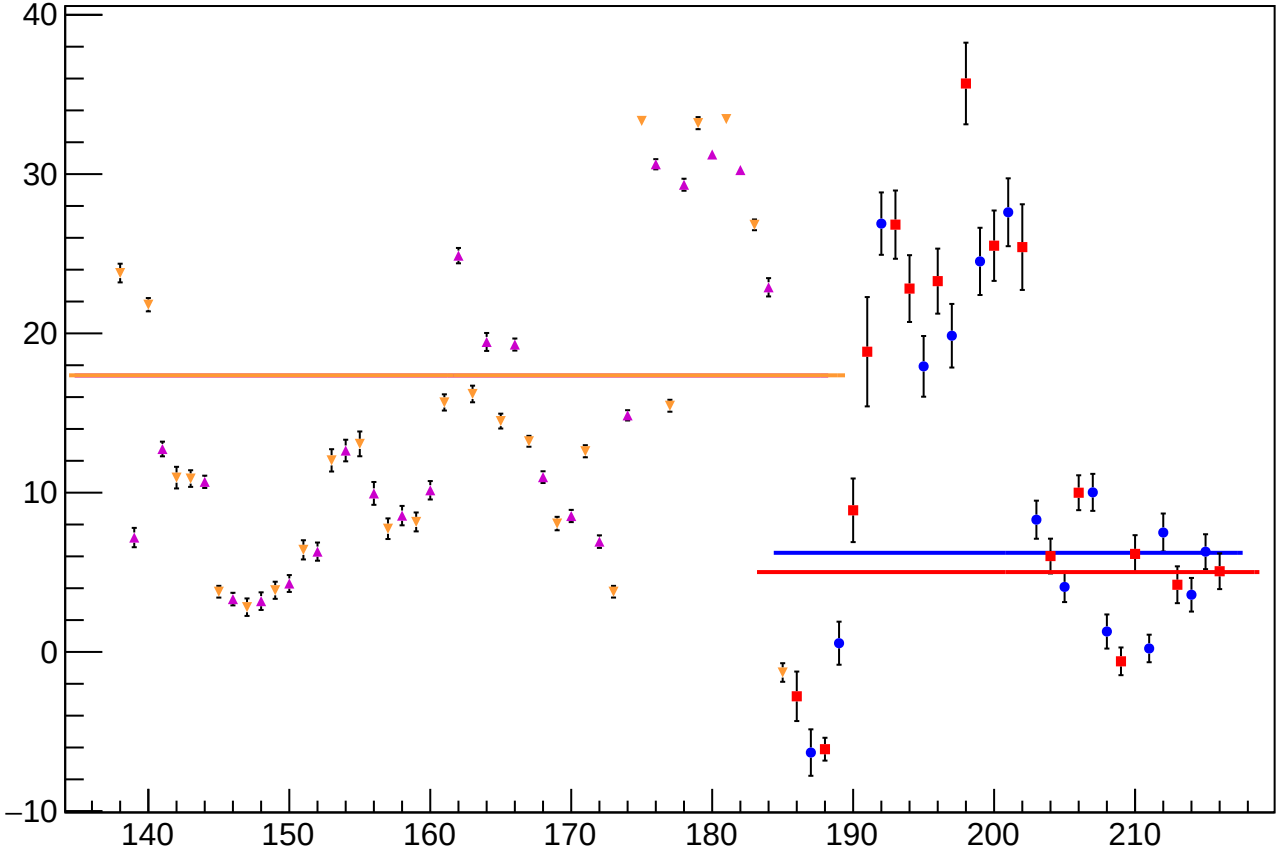
Left In: 0.409+/-0.004 χ^2/NDF:557.8/22

+ sign 0.411+/-0.004 χ^2/NDF: 1073.8/39

All: 0.410+/-0.003 χ^2/NDF: 3066.2/78

- sign 0.410+/-0.004 χ^2/NDF: 1992.3/38

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 6.224+/-0.326 χ^2/NDF: 558.7/14

Left Out: 17.367+/-0.087 χ^2/NDF:16337.6/24

Right Out: 5.014+/-0.331 χ^2/NDF: 892.9/15

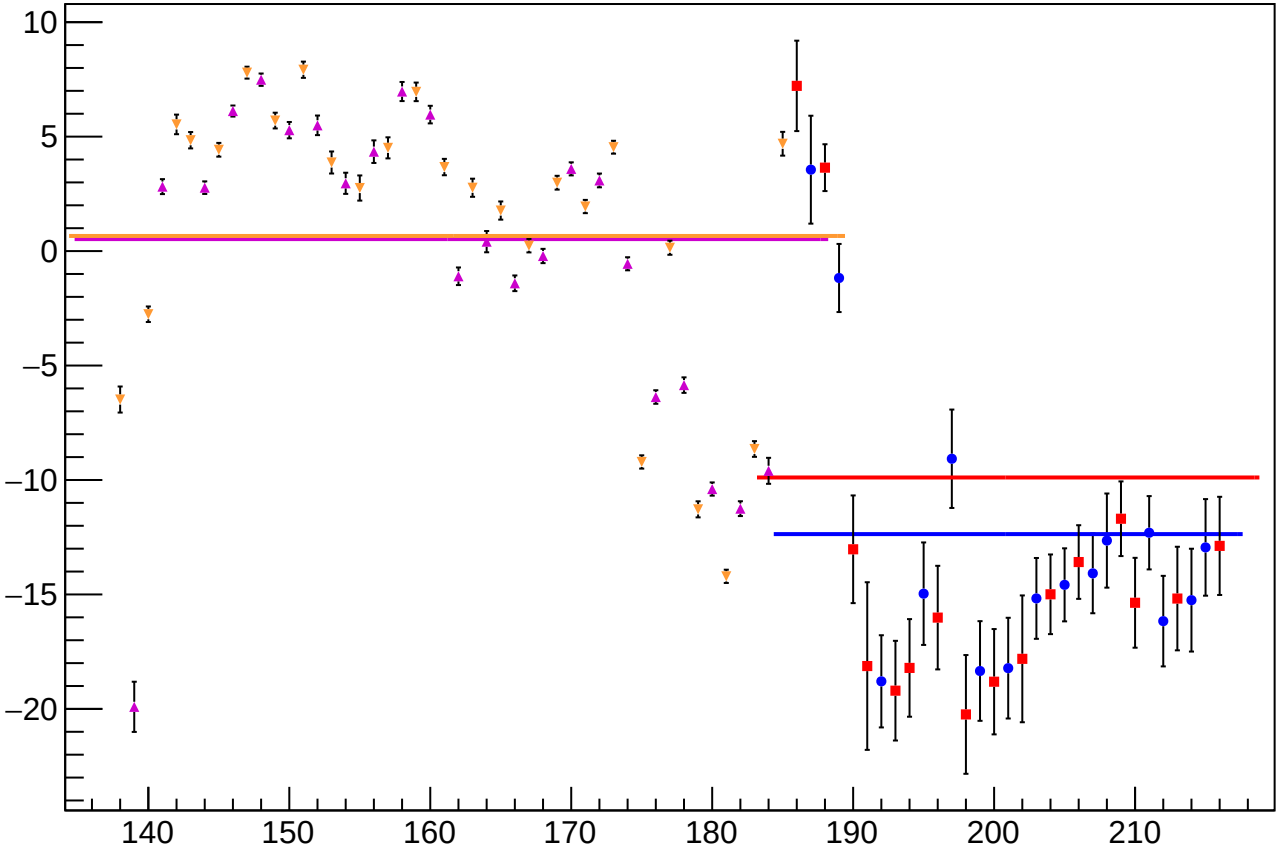
Left In: 17.355+/-0.089 χ^2/NDF:12745.1/22

+ sign 16.623+/-0.084 χ^2/NDF: 17989.5/39

All: 16.575+/-0.060 χ^2/NDF: 32925.5/78

- sign 16.524+/-0.086 χ^2/NDF: 14935.4/38

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -12.364+/-0.496 χ^2/NDF: 141.6/14

Left Out: 0.661+/-0.069 χ^2/NDF:8553.9/24

Right Out: -9.890+/-0.481 χ^2/NDF: 367.2/15

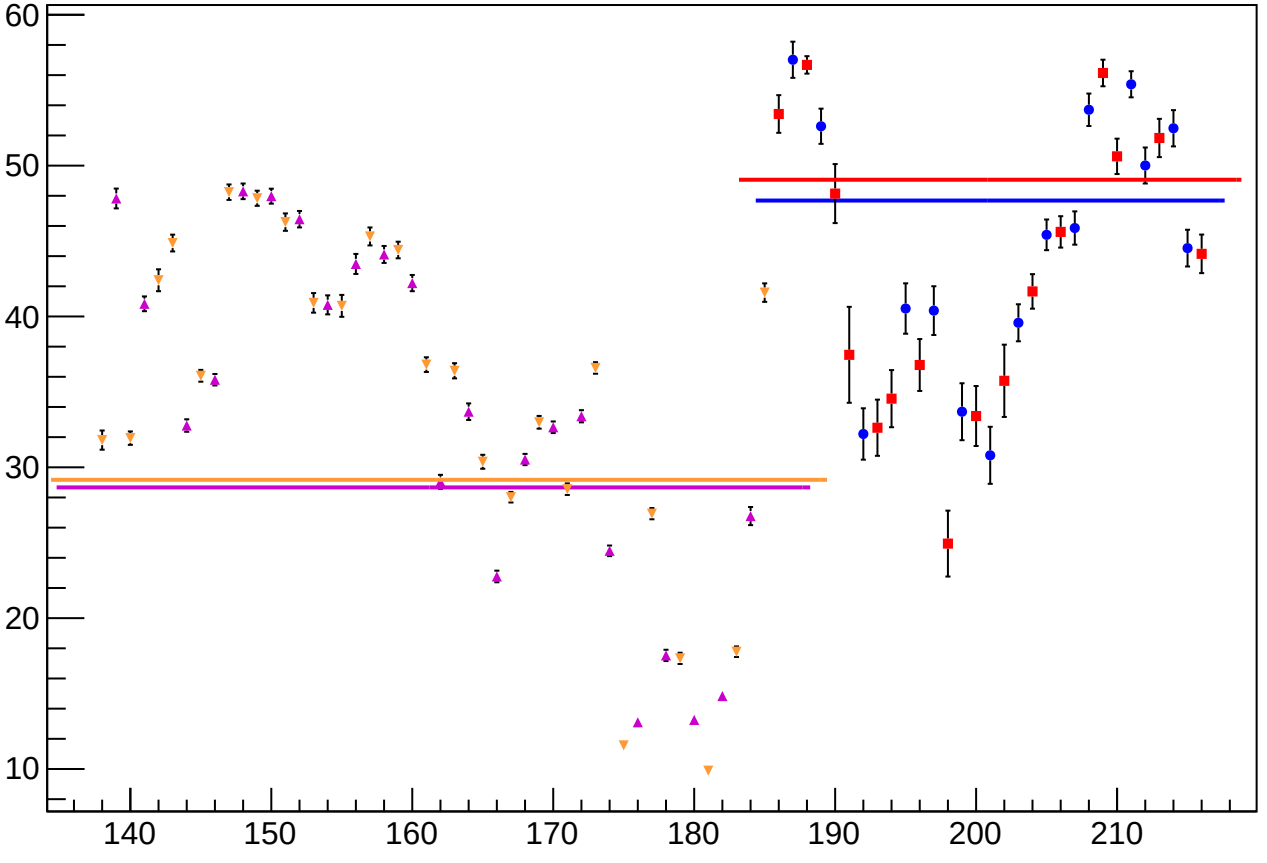
Left In: 0.524+/-0.071 χ^2/NDF:6729.7/22

+ sign 0.411+/-0.069 χ^2/NDF: 9370.9/39

All: 0.358+/-0.049 χ^2/NDF: 16928.2/78

- sign 0.303+/-0.070 χ^2/NDF: 7556.1/38

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 47.685+/-0.320 χ^2/NDF: 522.8/14

Left Out: 29.171+/-0.088 χ^2/NDF:18974.7/24

Right Out: 49.064+/-0.309 χ^2/NDF: 740.0/15

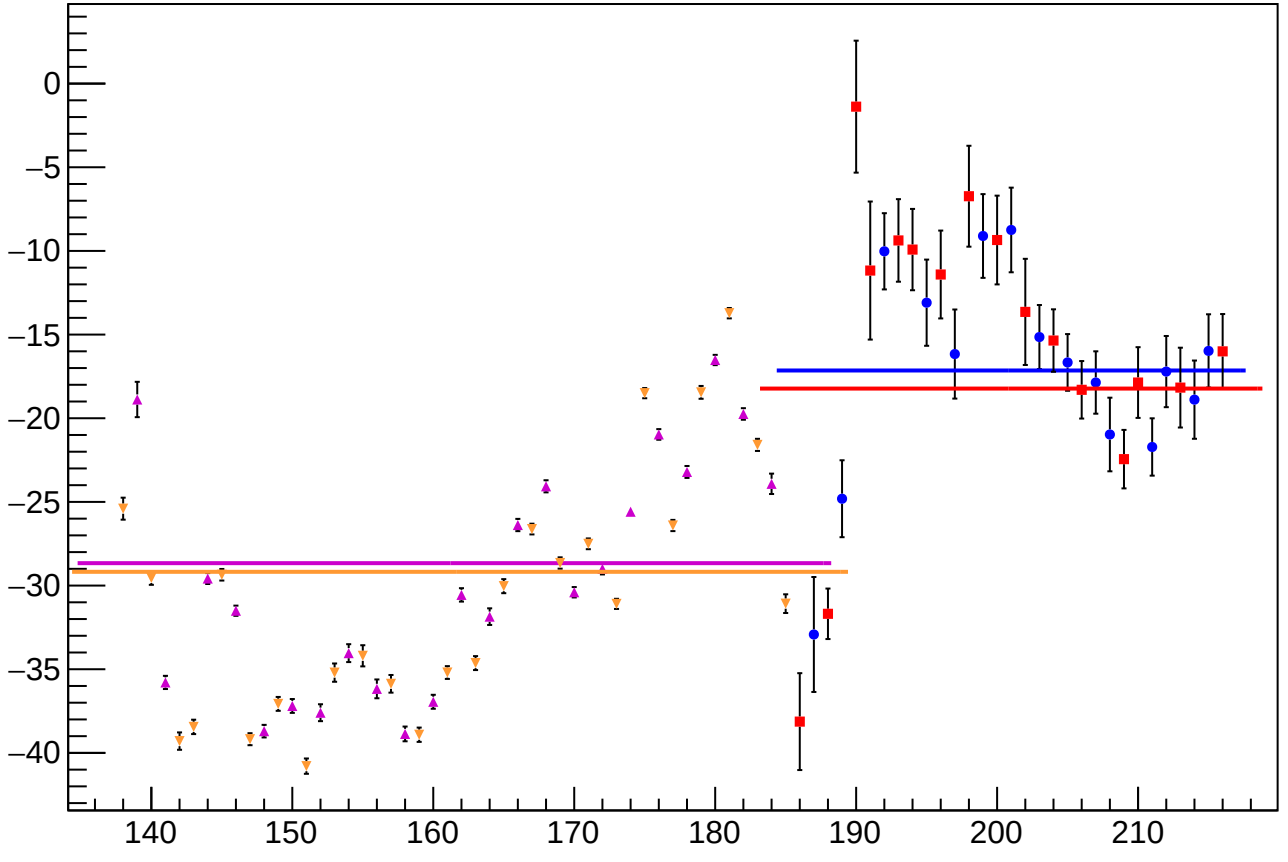
Left In: 28.667+/-0.089 χ^2/NDF:16847.2/22

+ sign 30.470+/-0.085 χ^2/NDF: 22619.3/39

All: 30.353+/-0.060 χ^2/NDF: 44229.8/78

- sign 30.233+/-0.086 χ^2/NDF: 21606.6/38

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -17.146+/-0.564 χ^2/NDF: 78.3/14

Left Out: -29.178+/-0.078 χ^2/NDF:9081.4/24

Right Out: -18.227+/-0.571 χ^2/NDF: 216.4/15

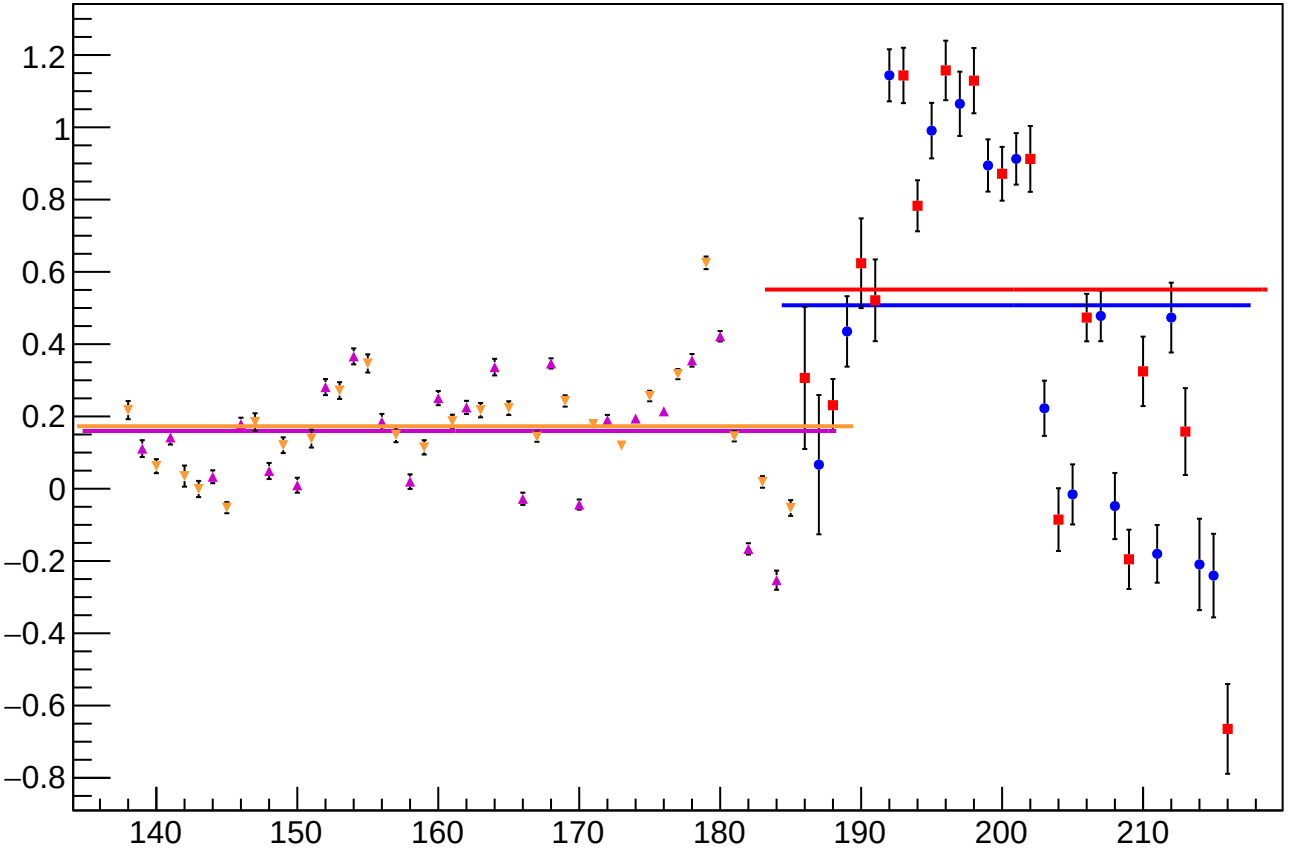
Left In: -28.660+/-0.080 χ^2/NDF:6670.1/22

+ sign -28.951+/-0.077 χ^2/NDF: 9606.2/39

All: -28.711+/-0.055 χ^2/NDF: 16839.7/78

- sign -28.460+/-0.079 χ^2/NDF: 7213.8/38

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.508+/-0.022 χ^2/NDF: 462.2/14

Left Out: 0.173+/-0.004 χ^2/NDF:1478.5/24

Right Out: 0.551+/-0.022 χ^2/NDF: 471.6/15

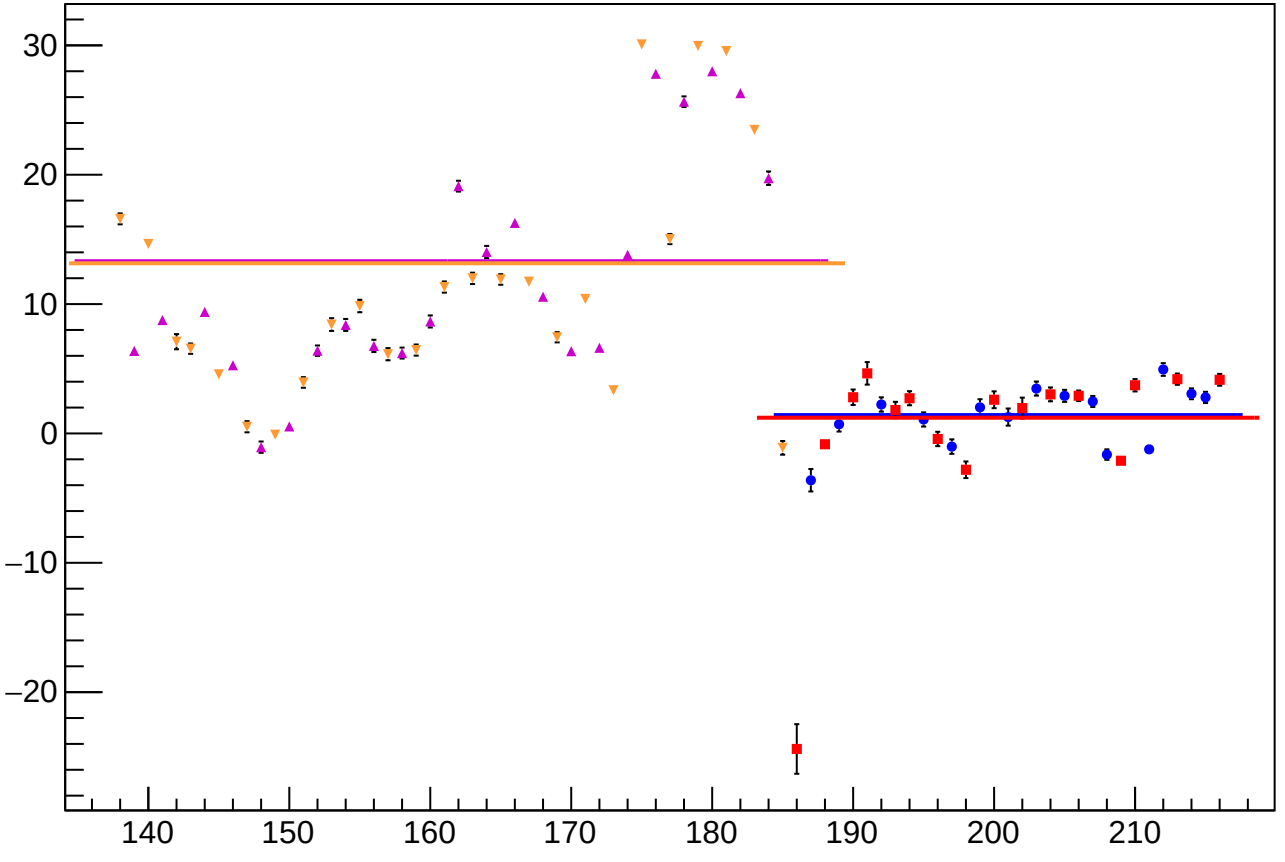
Left In: 0.160+/-0.004 χ^2/NDF:2057.9/22

+ sign 0.181+/-0.004 χ^2/NDF: 2164.4/39

All: 0.176+/-0.003 χ^2/NDF: 5005.6/78

- sign 0.170+/-0.004 χ^2/NDF: 2836.3/38

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.420+/-0.129 χ^2/NDF: 269.1/14

Left Out: 13.153+/-0.075 χ^2/NDF:17079.7/24

Right Out: 1.216+/-0.124 χ^2/NDF: 556.5/15

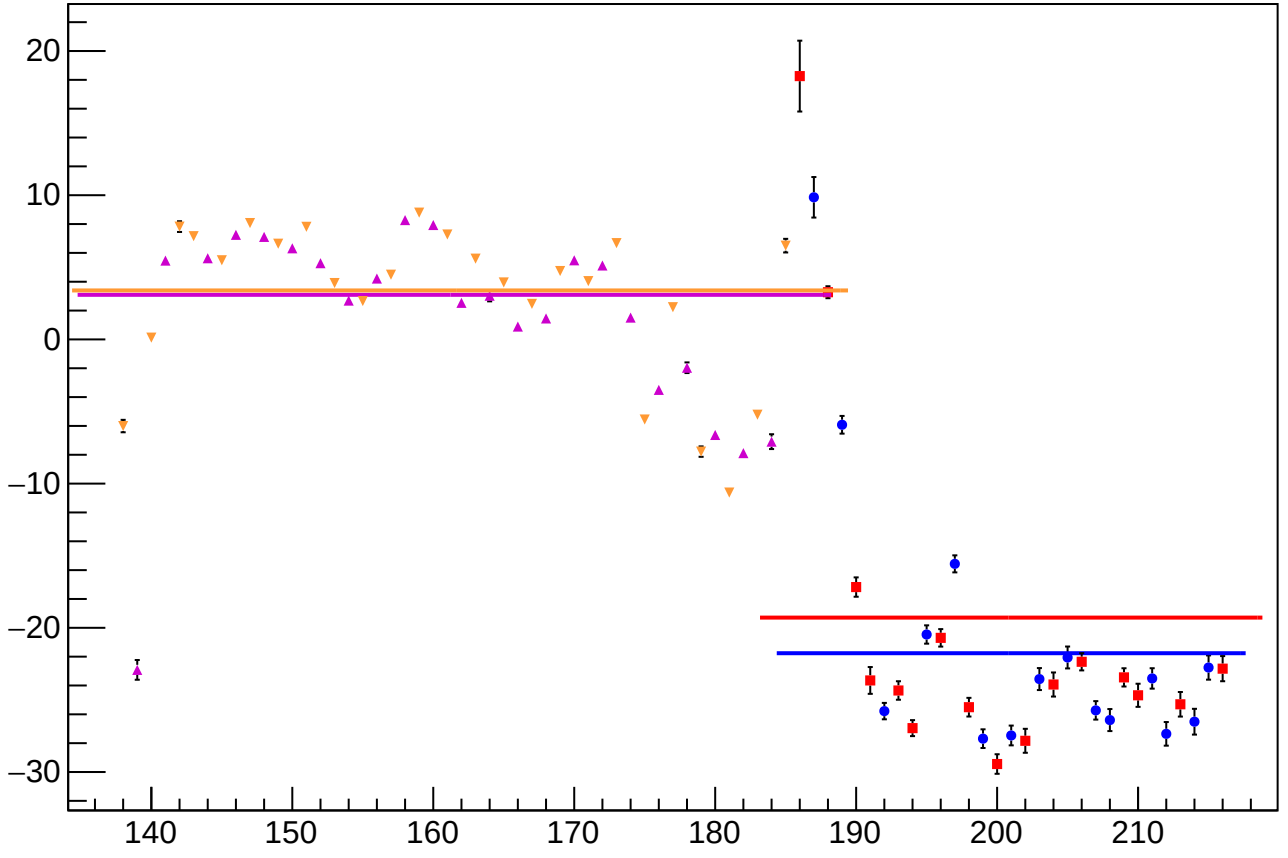
Left In: 13.315+/-0.077 χ^2/NDF:13977.7/22

+ sign 10.162+/-0.065 χ^2/NDF: 23551.3/39

All: 10.052+/-0.046 χ^2/NDF: 44959.6/78

- sign 9.940+/-0.065 χ^2/NDF: 21402.5/38

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -21.762+/-0.183 χ^2/NDF: 1651.6/14

Left Out: 3.396+/-0.058 χ^2/NDF:8101.5/24

Right Out: -19.292+/-0.170 χ^2/NDF: 4122.7/15

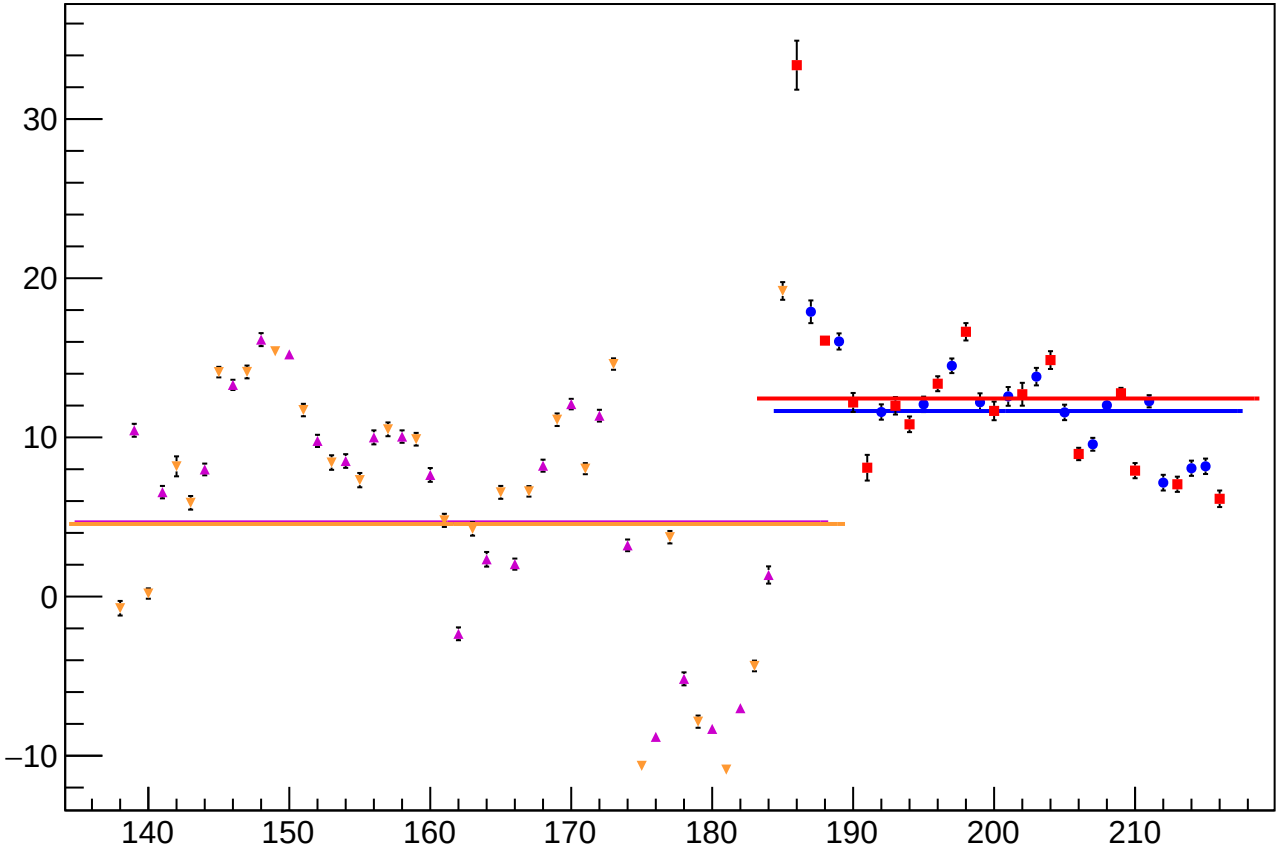
Left In: 3.092+/-0.061 χ^2/NDF:7104.4/22

+ sign 1.072+/-0.056 χ^2/NDF: 26905.7/39

All: 0.823+/-0.040 χ^2/NDF: 53621.6/78

- sign 0.560+/-0.057 χ^2/NDF: 26674.7/38

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 11.658+/-0.125 χ^2/NDF: 429.4/14

Left Out: 4.561+/-0.075 χ^2/NDF:13592.1/24

Right Out: 12.443+/-0.116 χ^2/NDF: 1007.5/15

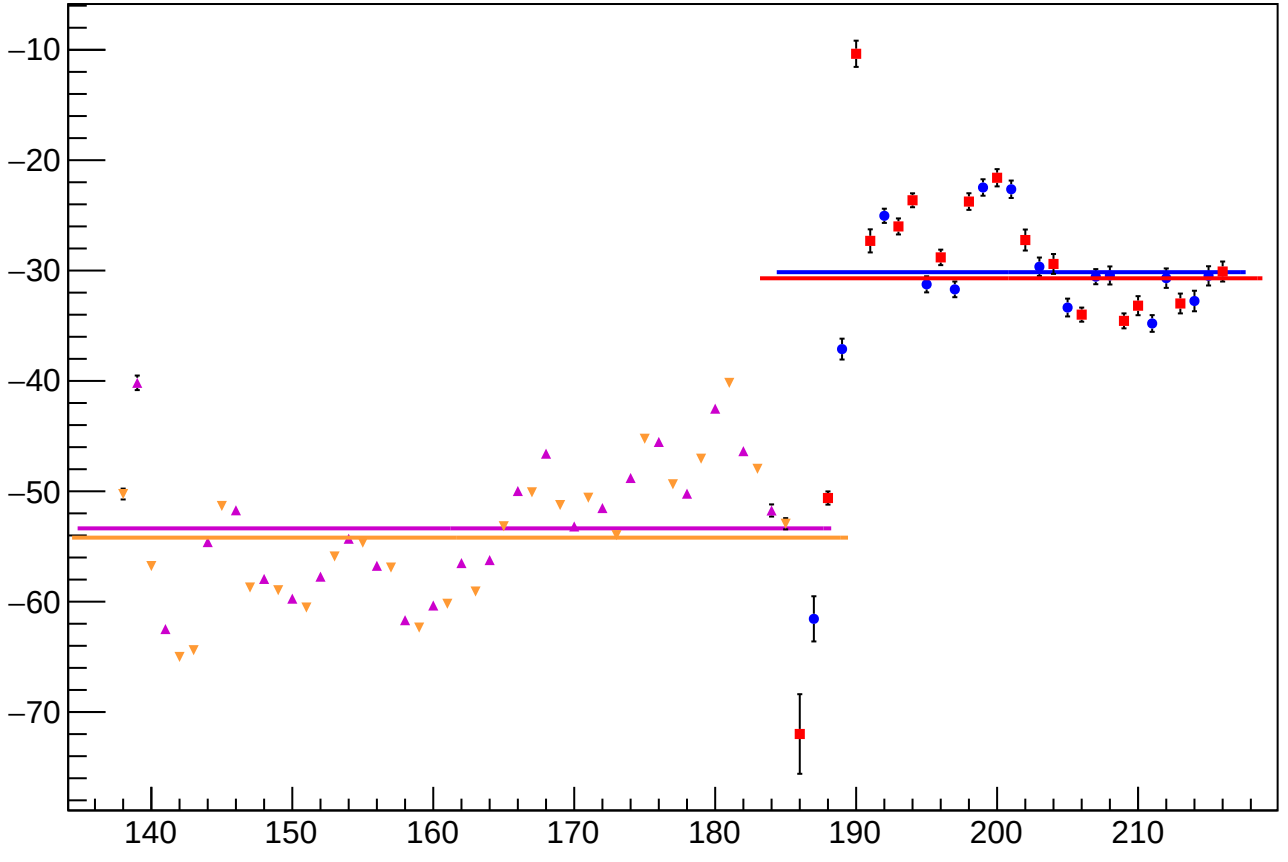
Left In: 4.662+/-0.077 χ^2/NDF:11281.5/22

+ sign 6.463+/-0.065 χ^2/NDF: 16396.5/39

All: 6.758+/-0.045 χ^2/NDF: 31872.9/78

- sign 7.047+/-0.064 χ^2/NDF: 15435.0/38

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -30.146+/-0.208 χ^2/NDF: 619.5/14

Left Out: -54.199+/-0.066 χ^2/NDF:8454.7/24

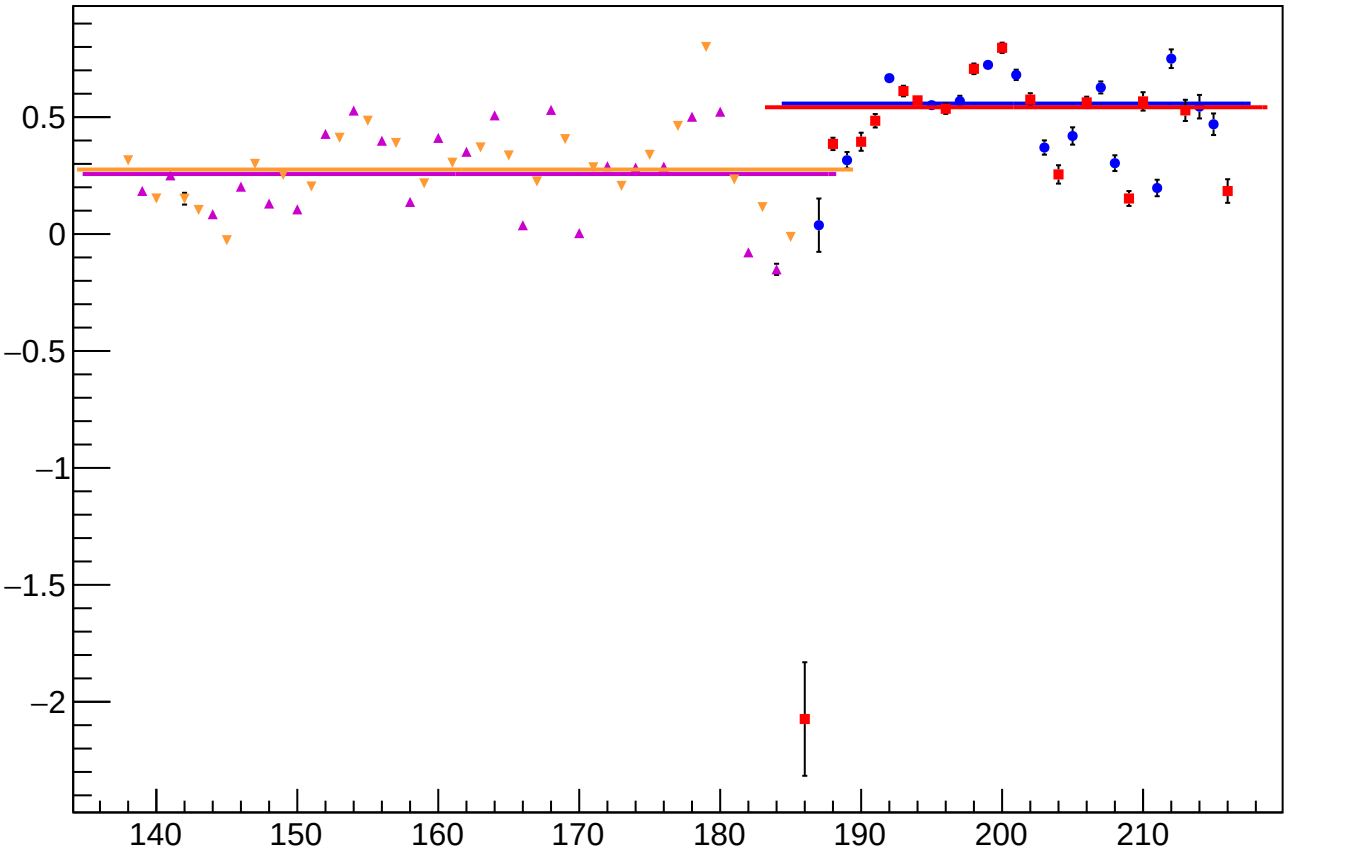
Right Out: -30.701+/-0.200 χ^2/NDF: 2024.2/15

Left In: -53.359+/-0.068 χ^2/NDF:6882.0/22

+ sign -51.972+/-0.063 χ^2/NDF: 21227.2/39

All: -51.485+/-0.045 χ^2/NDF: 41777.2/78

- sign -50.974+/-0.065 χ^2/NDF: 20428.5/38



Right In: 0.558+/-0.007 χ^2/NDF: 434.4/14

Left Out: 0.276+/-0.003 χ^2/NDF:2623.6/24

Right Out: 0.542+/-0.007 χ^2/NDF: 626.3/15

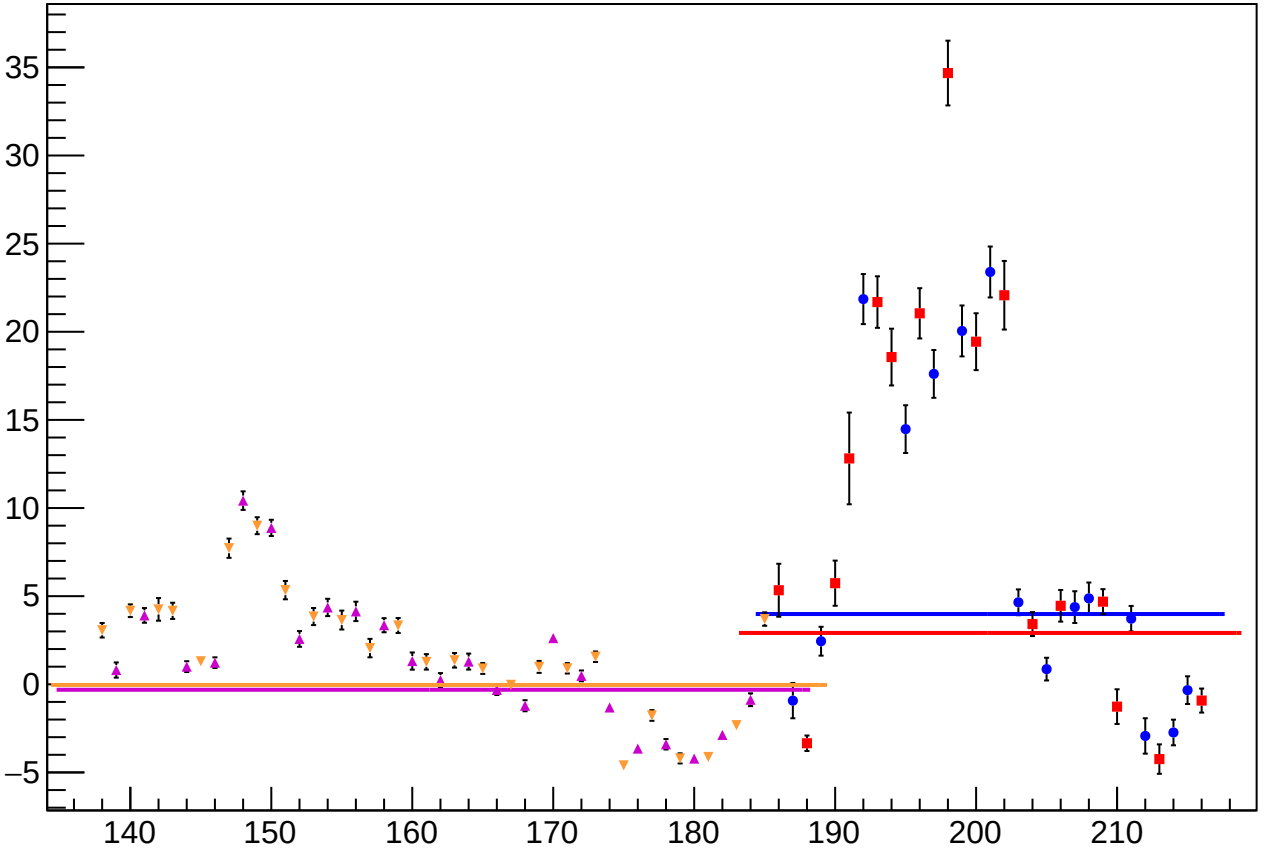
Left In: 0.257+/-0.003 χ^2/NDF:3623.9/22

\+ sign 0.317+/-0.003 χ^2/NDF: 4286.8/39

All: 0.310+/-0.002 χ^2/NDF: 9945.3/78

\- sign 0.304+/-0.003 χ^2/NDF: 5648.7/38

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 3.986+/-0.234 χ^2/NDF: 839.9/14

Left Out: -0.037+/-0.066 χ^2/NDF:2637.7/24

Right Out: 2.914+/-0.231 χ^2/NDF: 1280.1/15

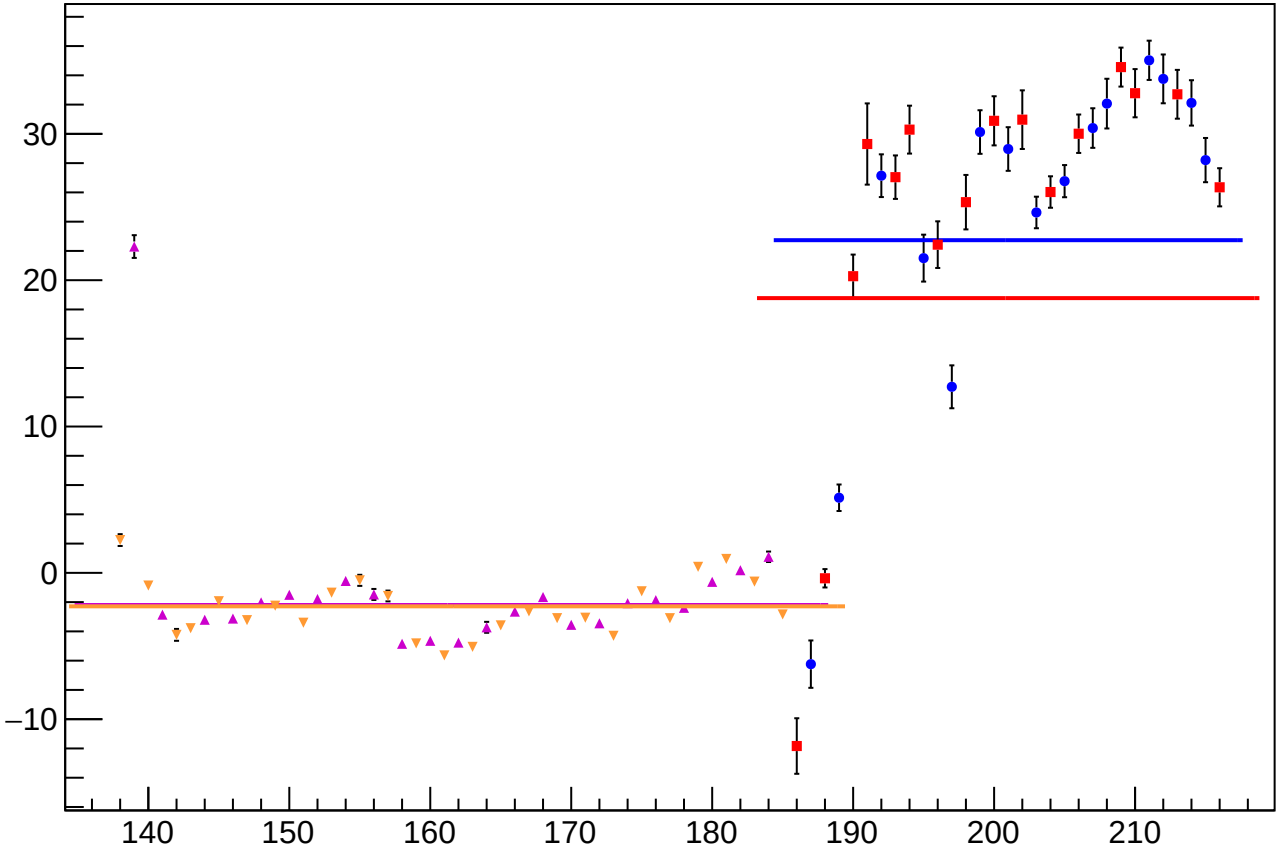
Left In: -0.310+/-0.067 χ^2/NDF:2250.5/22

+ sign 0.258+/-0.064 χ^2/NDF: 3750.5/39

All: 0.103+/-0.045 χ^2/NDF: 7472.3/78

- sign -0.059+/-0.065 χ^2/NDF: 3709.6/38

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 22.734+/-0.350 χ^2/NDF: 1053.5/14

Left Out: -2.288+/-0.054 χ^2/NDF:1137.7/24

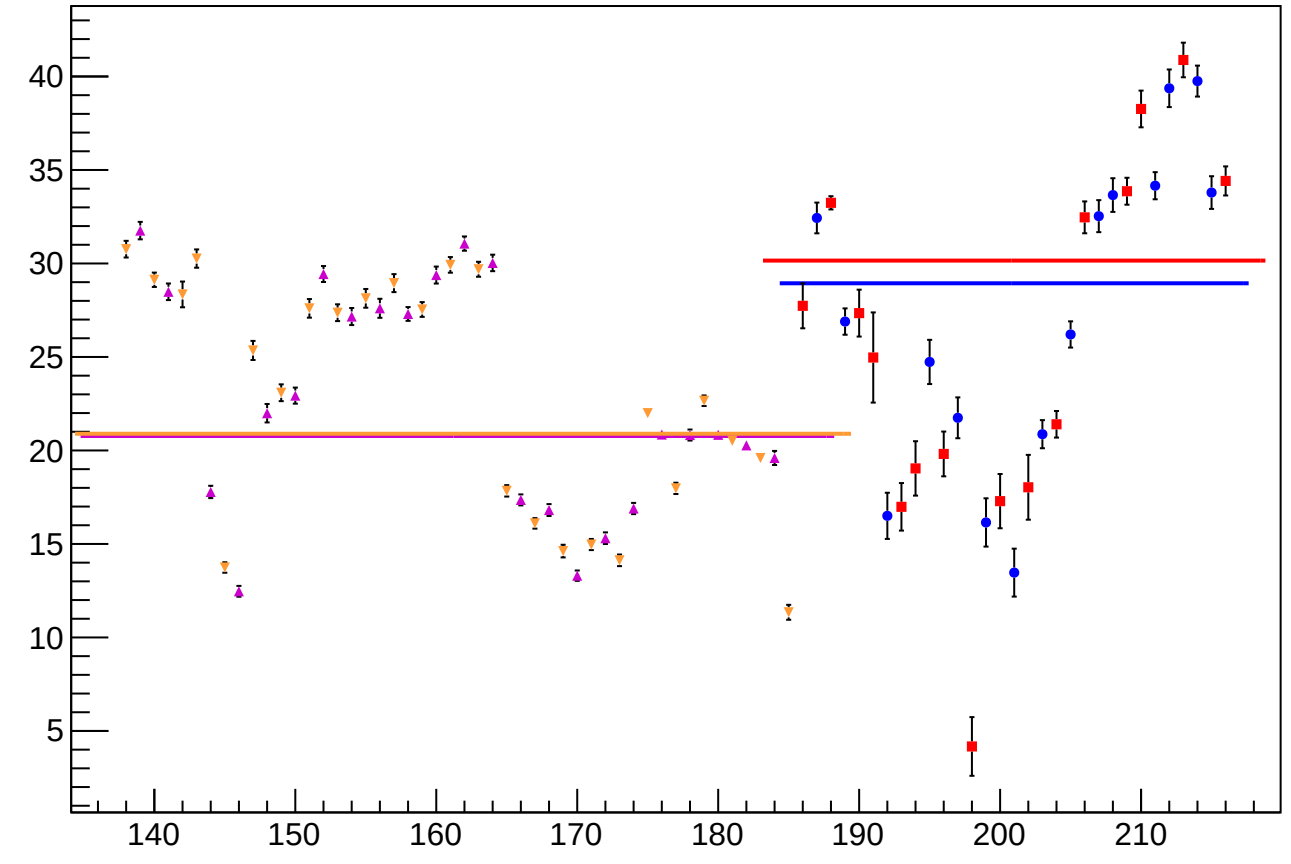
Right Out: 18.775+/-0.336 χ^2/NDF: 1827.6/15

Left In: -2.198+/-0.055 χ^2/NDF:1673.9/22

\+ sign -1.702+/-0.054 χ^2/NDF: 7190.7/39

All: -1.677+/-0.038 χ^2/NDF: 14479.8/78

\- sign -1.650+/-0.054 χ^2/NDF: 7288.6/38



Right In: 28.940+/-0.230 χ^2/NDF: 964.0/14

Left Out: 20.894+/-0.067 χ^2/NDF:6655.4/24

Right Out: 30.155+/-0.215 χ^2/NDF: 1149.9/15

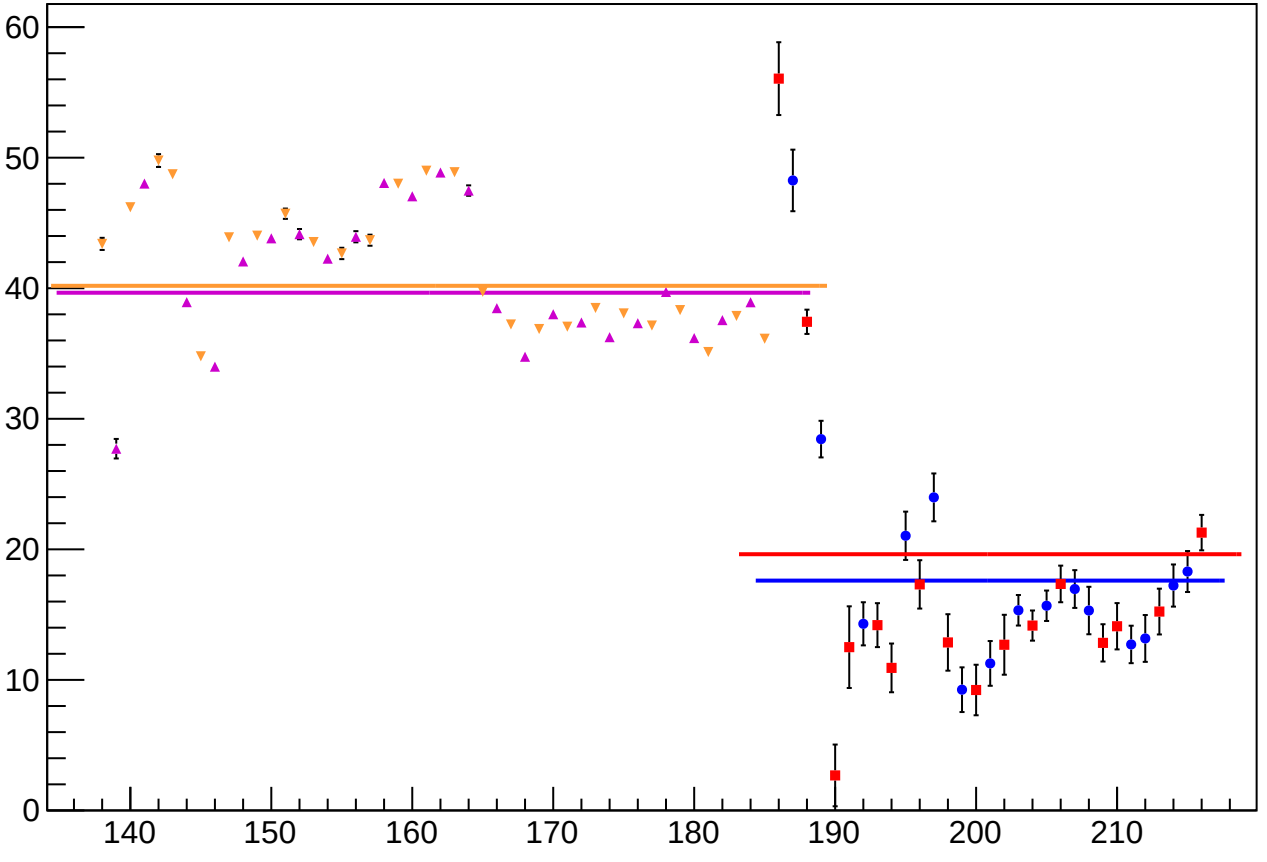
Left In: 20.774+/-0.068 χ^2/NDF:5927.9/22

+ sign 21.520+/-0.064 χ^2/NDF: 8751.8/39

All: 21.568+/-0.045 χ^2/NDF: 17563.0/78

- sign 21.616+/-0.064 χ^2/NDF: 8810.1/38

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 17.606+/-0.403 χ^2/NDF: 312.0/14

Left Out: 40.186+/-0.060 χ^2/NDF:5932.7/24

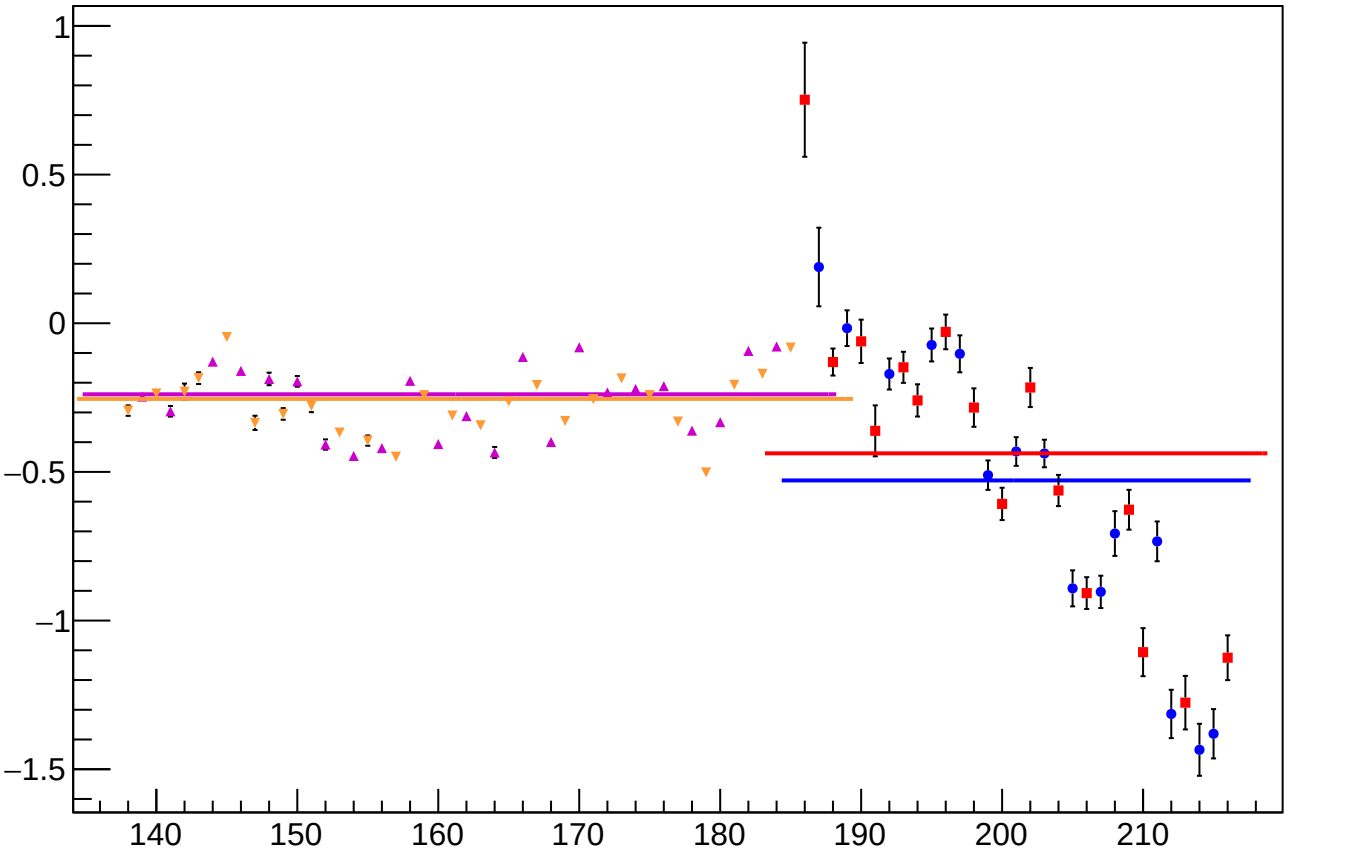
Right Out: 19.627+/-0.405 χ^2/NDF: 740.2/15

Left In: 39.655+/-0.061 χ^2/NDF:5298.6/22

+ sign 39.690+/-0.060 χ^2/NDF: 9317.2/39

All: 39.451+/-0.043 χ^2/NDF: 17781.7/78

- sign 39.204+/-0.061 χ^2/NDF: 8432.0/38



Right In: -0.529+/-0.016 χ^2/NDF: 676.6/14

Left Out: -0.255+/-0.003 χ^2/NDF:1420.4/24

Right Out: -0.437+/-0.016 χ^2/NDF: 558.3/15

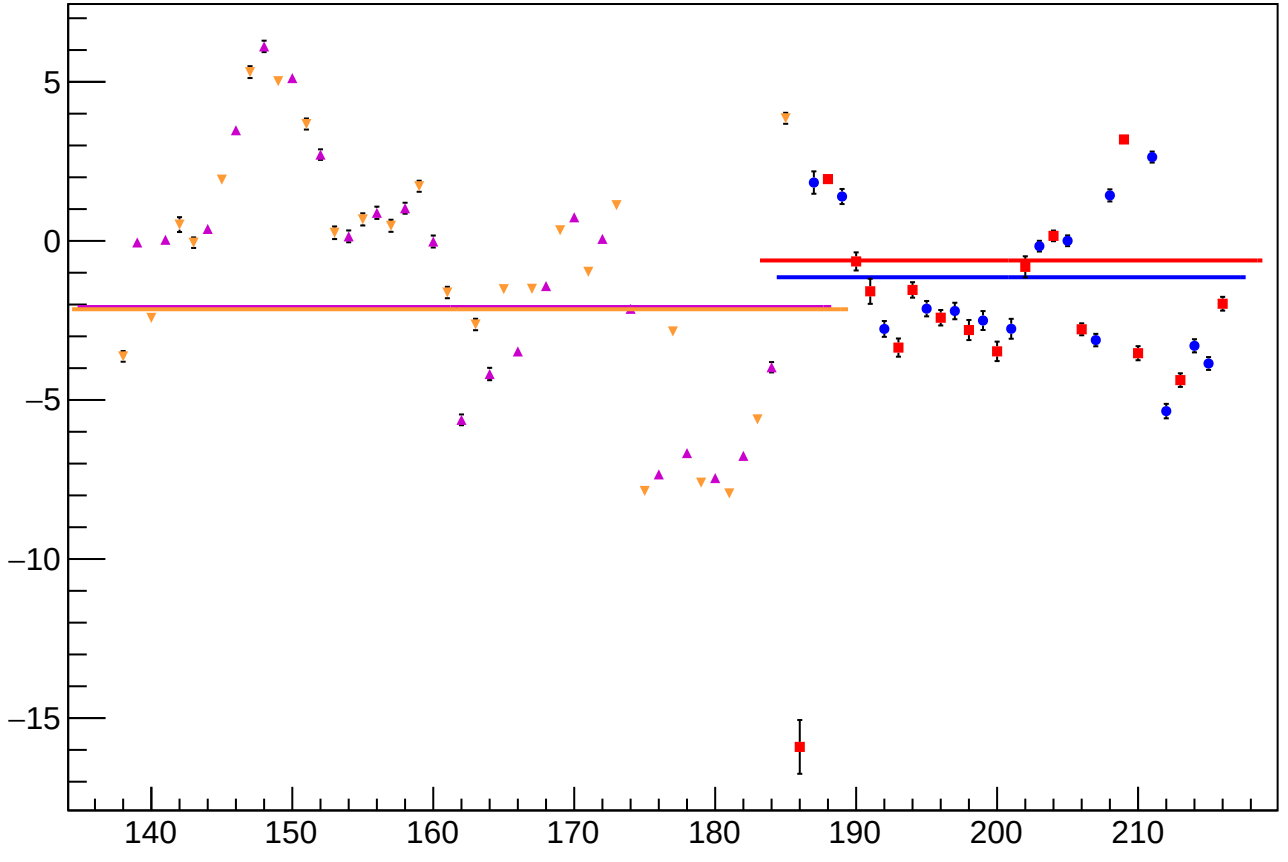
Left In: -0.239+/-0.003 χ^2/NDF:1750.5/22

+ sign -0.263+/-0.003 χ^2/NDF: 2390.7/39

All: -0.254+/-0.002 χ^2/NDF: 4874.5/78

- sign -0.245+/-0.003 χ^2/NDF: 2462.9/38

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -1.142+/-0.056 χ^2/NDF: 1778.4/14

Left Out: -2.149+/-0.026 χ^2/NDF:24536.3/24

Right Out: -0.615+/-0.054 χ^2/NDF: 2431.1/15

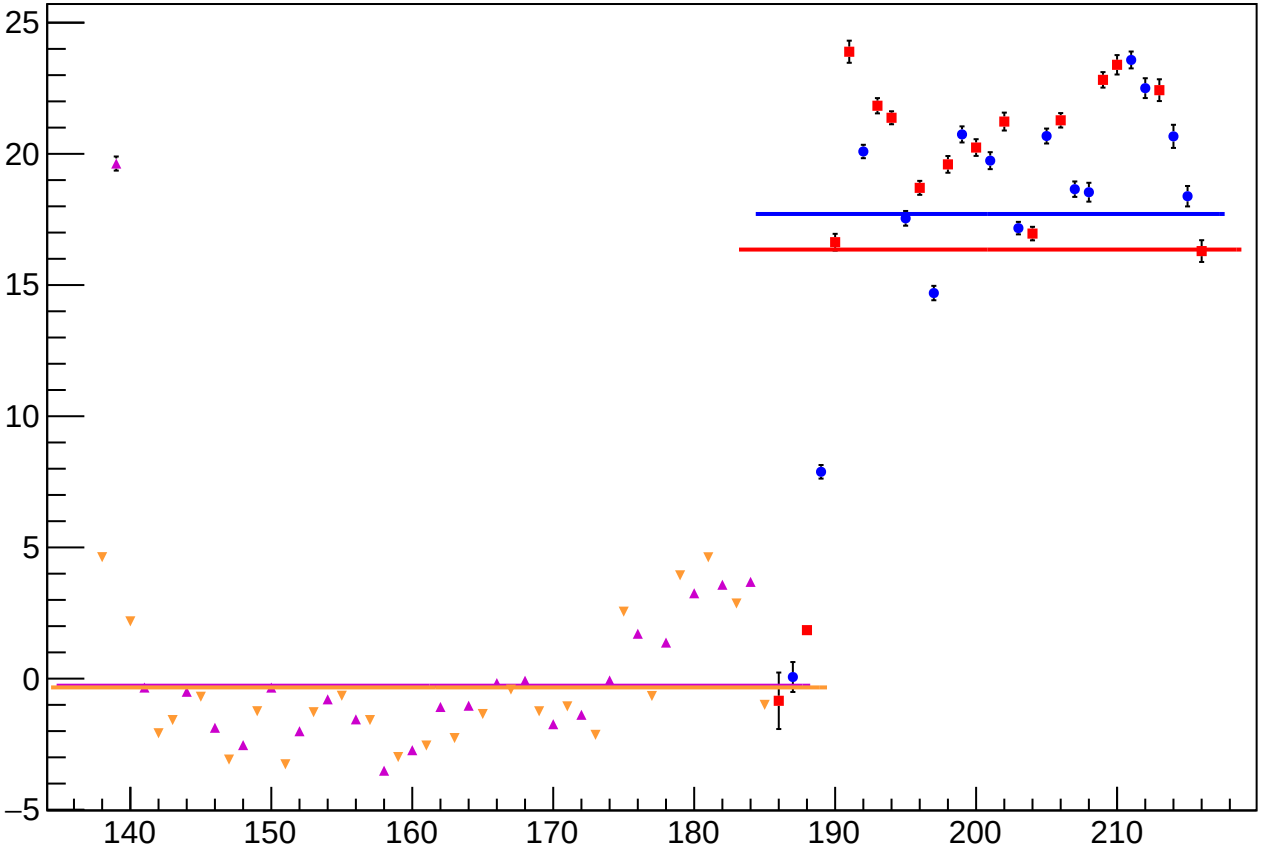
Left In: -2.078+/-0.026 χ^2/NDF:23245.8/22

+ sign -1.974+/-0.023 χ^2/NDF: 26582.2/39

All: -1.887+/-0.017 χ^2/NDF: 52887.9/78

- sign -1.799+/-0.023 χ^2/NDF: 26277.7/38

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 17.709+/-0.080 χ^2/NDF: 3411.0/14

Left Out: -0.335+/-0.021 χ^2/NDF:12596.1/24

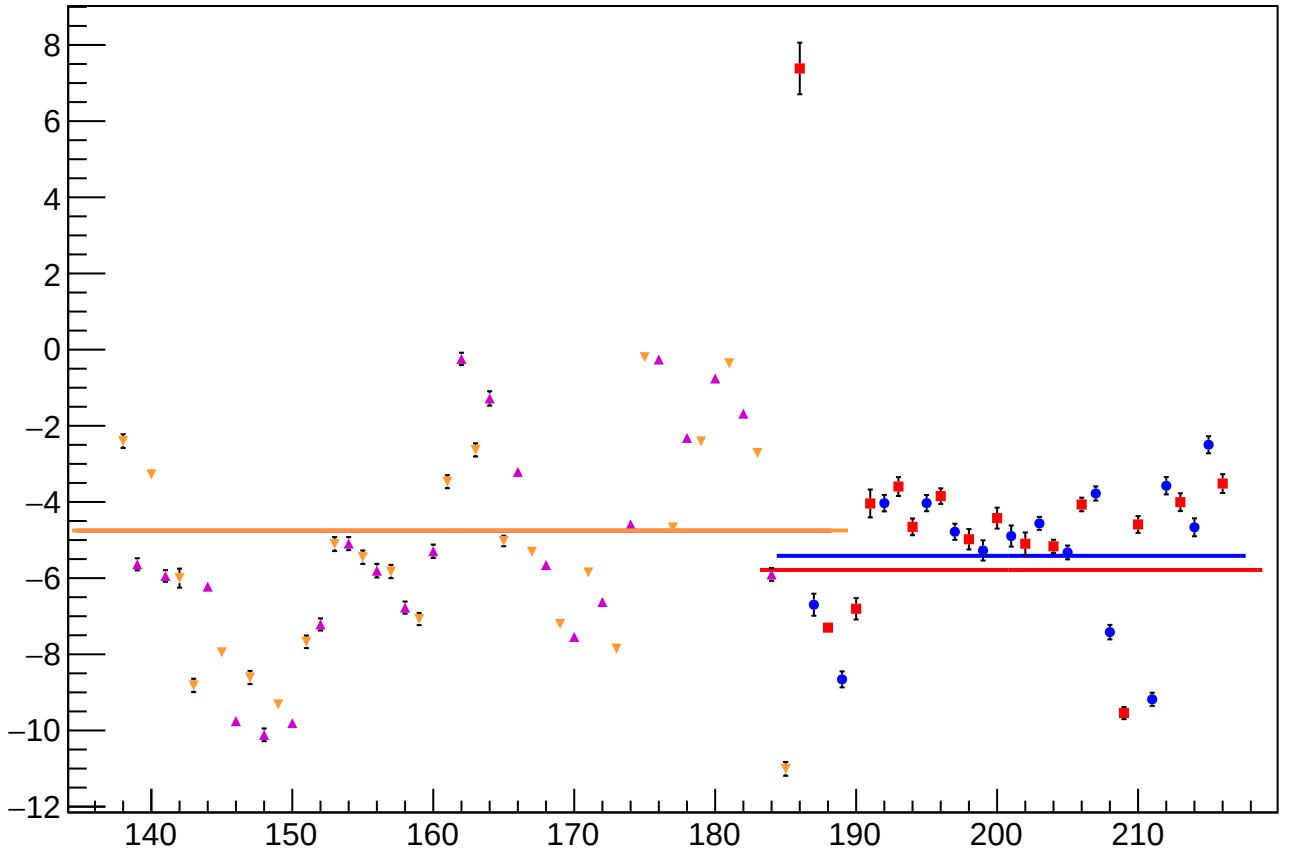
Right Out: 16.352+/-0.074 χ^2/NDF: 11334.0/15

Left In: -0.269+/-0.021 χ^2/NDF:13323.1/22

\+ sign 0.791+/-0.020 χ^2/NDF: 63942.5/39

All: 0.880+/-0.014 χ^2/NDF: 135636.6/78

\- sign 0.971+/-0.020 χ^2/NDF: 71653.6/38



Right In: -5.415+/-0.054 χ^2/NDF: 1279.1/14

Left Out: -4.748+/-0.026 χ^2/NDF:13289.8/24

Right Out: -5.785+/-0.050 χ^2/NDF: 1766.1/15

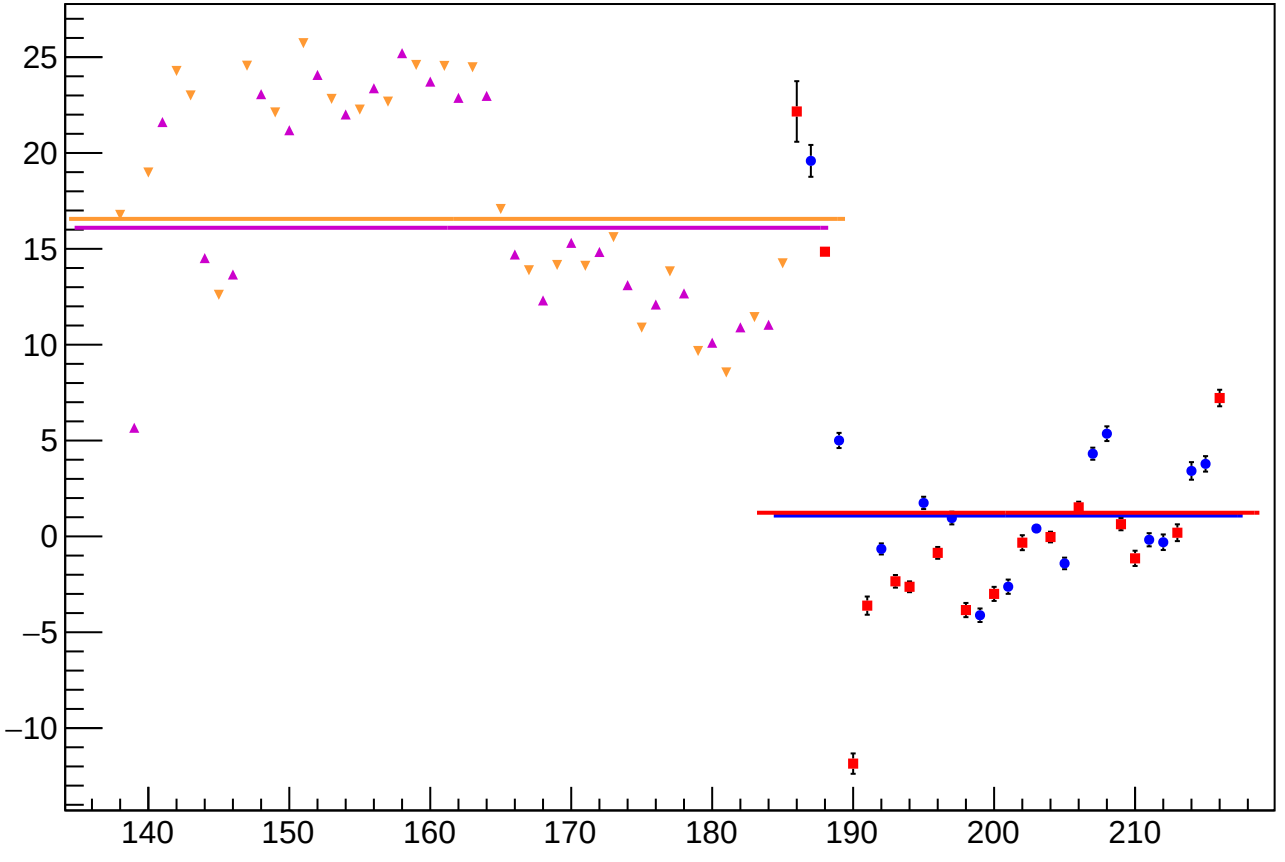
Left In: -4.753+/-0.026 χ^2/NDF:14119.2/22

+ sign -4.871+/-0.023 χ^2/NDF: 14691.5/39

All: -4.925+/-0.016 χ^2/NDF: 30925.9/78

- sign -4.977+/-0.023 χ^2/NDF: 16223.8/38

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 1.088+/-0.091 χ^2/NDF: 1350.1/14

Left Out: 16.563+/-0.023 χ^2/NDF:53858.5/24

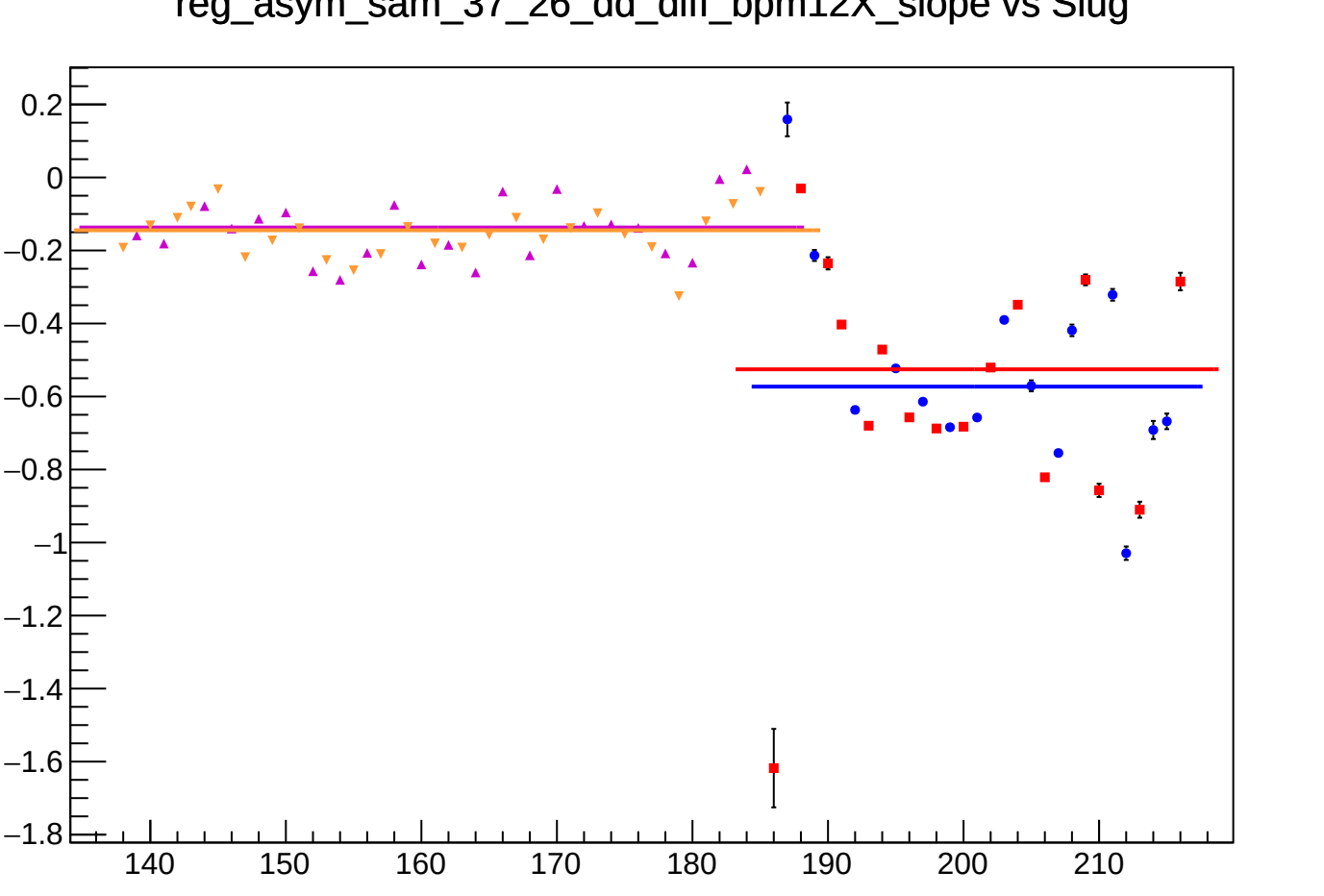
Right Out: 1.234+/-0.087 χ^2/NDF: 5220.8/15

Left In: 16.098+/-0.024 χ^2/NDF:42345.7/22

\+ sign 15.615+/-0.022 χ^2/NDF: 82593.9/39

All: 15.355+/-0.016 χ^2/NDF: 157511.0/78

\- sign 15.087+/-0.023 χ^2/NDF: 74644.4/38



Right In: -0.573+/-0.003 χ^2/NDF: 2682.9/14

Left Out: -0.145+/-0.001 χ^2/NDF:3769.7/24

Right Out: -0.525+/-0.003 χ^2/NDF: 5587.0/15

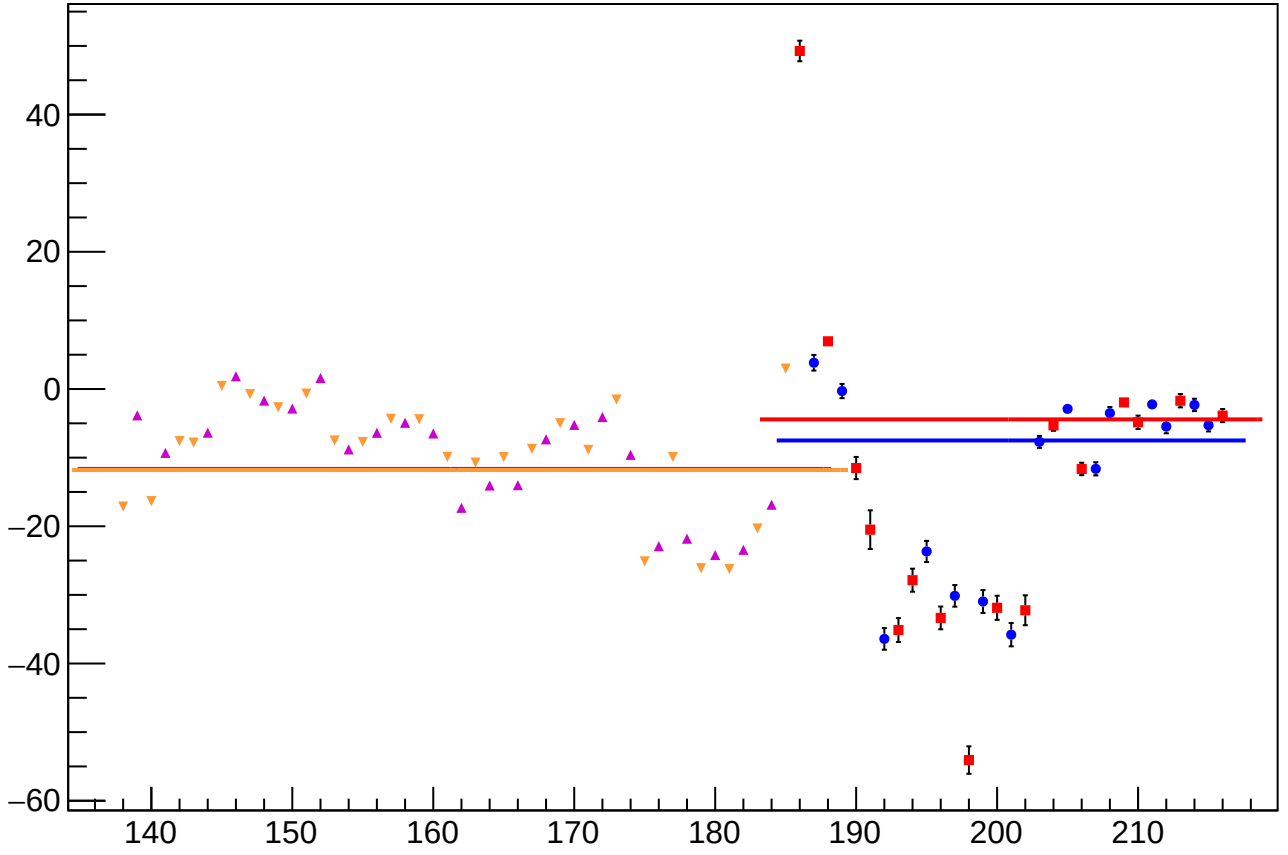
Left In: -0.137+/-0.001 χ^2/NDF:5392.6/22

+ sign -0.185+/-0.001 χ^2/NDF: 21820.4/39

All: -0.182+/-0.001 χ^2/NDF: 47030.0/78

- sign -0.179+/-0.001 χ^2/NDF: 25195.1/38

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -7.496+/-0.262 χ^2/NDF: 1451.4/14

Left Out: -11.801+/-0.070 χ^2/NDF:17308.2/24

Right Out: -4.423+/-0.266 χ^2/NDF: 3701.9/15

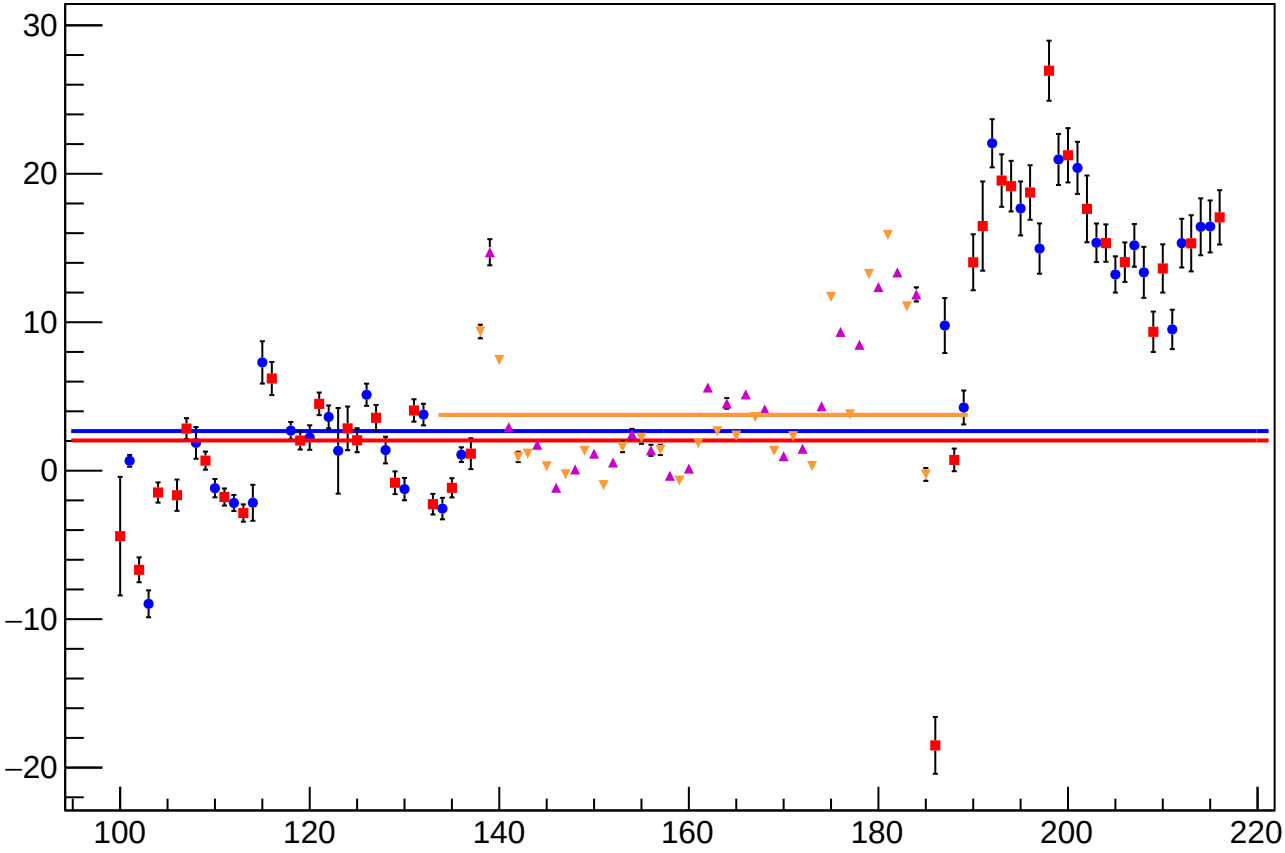
Left In: -11.642+/-0.072 χ^2/NDF:14121.2/22

+ sign -11.511+/-0.068 χ^2/NDF: 19012.2/39

All: -11.336+/-0.048 χ^2/NDF: 37538.0/78

- sign -11.153+/-0.069 χ^2/NDF: 18512.1/38

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 2.668+/-0.157 χ^2/NDF: 1421.5/31

Left Out: 3.757+/-0.056 χ^2/NDF:7450.7/24

Right Out: 2.036+/-0.159 χ^2/NDF: 1544.5/34

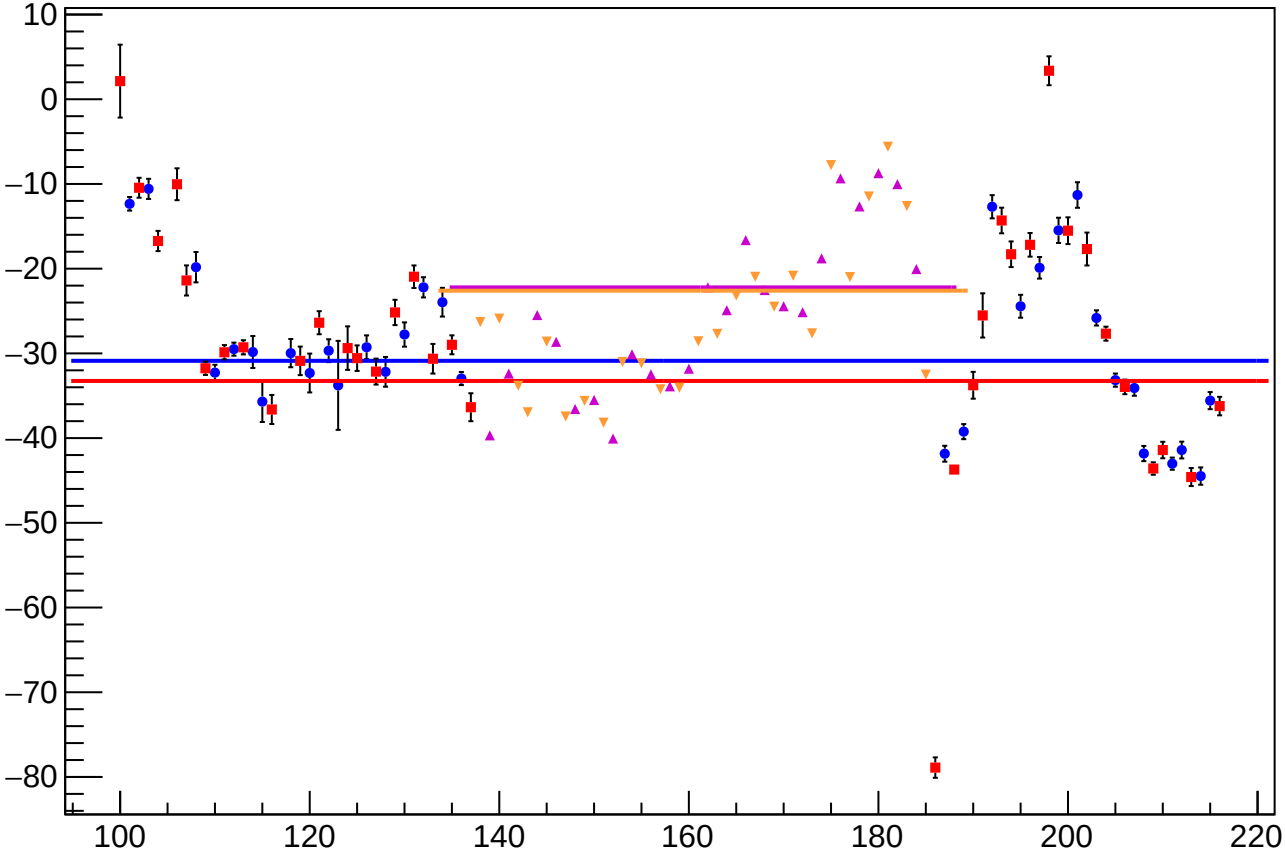
Left In: 3.757+/-0.057 χ^2/NDF:5629.4/22

+ sign 3.635+/-0.052 χ^2/NDF: 8915.1/56

All: 3.600+/-0.037 χ^2/NDF: 16193.6/114

- sign 3.564+/-0.053 χ^2/NDF: 7277.6/57

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -30.877+/-0.195 χ^2/NDF: 2528.2/31

Left Out: -22.598+/-0.071 χ^2/NDF:19933.4/24

Right Out: -33.253+/-0.190 χ^2/NDF: 4546.7/34

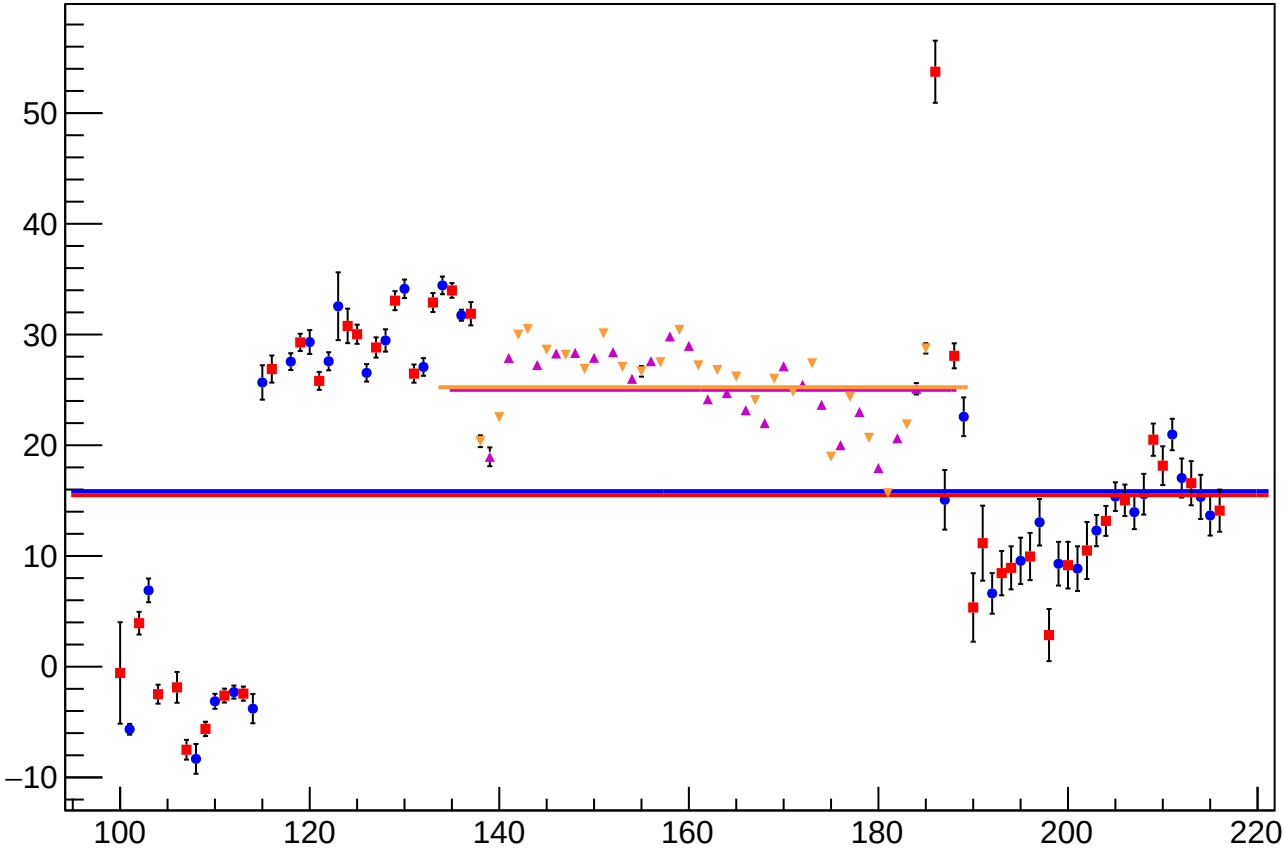
Left In: -22.209+/-0.072 χ^2/NDF:17627.4/22

+ sign -23.558+/-0.066 χ^2/NDF: 24052.1/56

All: -23.569+/-0.047 χ^2/NDF: 49180.4/114

- sign -23.580+/-0.067 χ^2/NDF: 25128.2/57

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 15.856+/-0.177 χ^2/NDF: 7641.2/31

Left Out: 25.242+/-0.063 χ^2/NDF:3786.5/24

Right Out: 15.494+/-0.181 χ^2/NDF: 7676.2/34

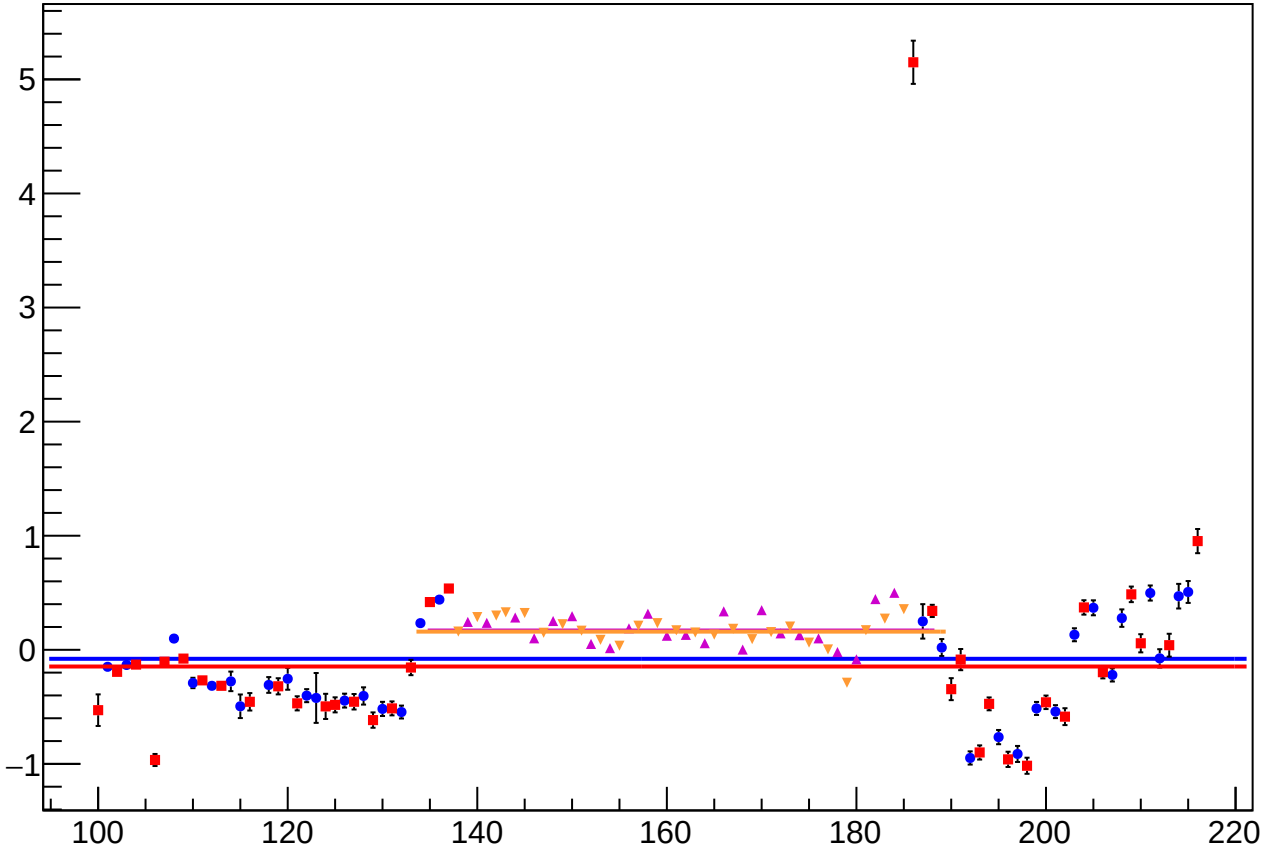
Left In: 25.009+/-0.064 χ^2/NDF:2722.0/22

+ sign 24.198+/-0.059 χ^2/NDF: 13927.0/56

All: 24.081+/-0.042 χ^2/NDF: 26784.9/114

- sign 23.959+/-0.060 χ^2/NDF: 12849.9/57

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.079+/-0.009 χ^2/NDF: 1873.8/31

Left Out: 0.159+/-0.003 χ^2/NDF:1864.2/24

Right Out: -0.146+/-0.009 χ^2/NDF: 2846.8/34

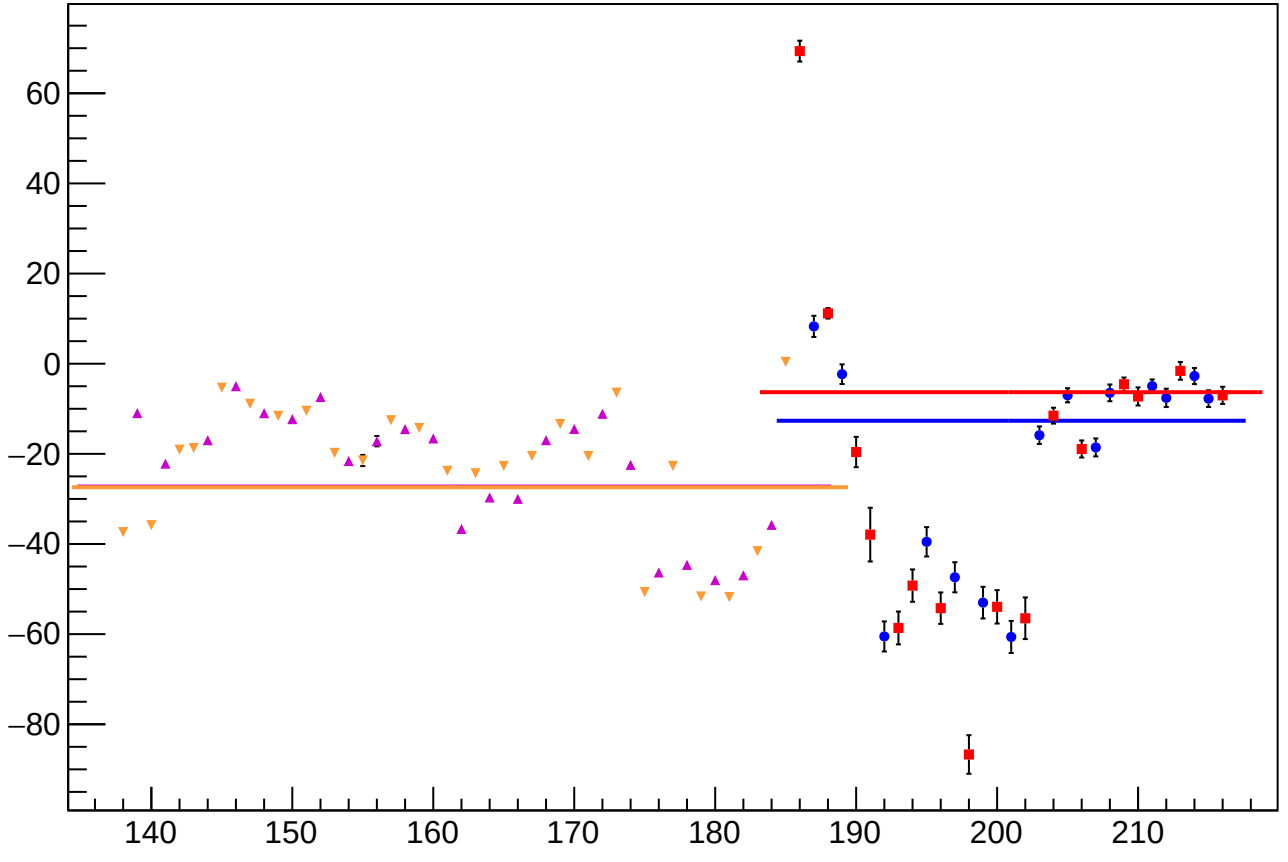
Left In: 0.169+/-0.003 χ^2/NDF:2418.8/22

+ sign 0.137+/-0.003 χ^2/NDF: 4383.2/56

All: 0.138+/-0.002 χ^2/NDF: 10771.9/114

- sign 0.139+/-0.003 χ^2/NDF: 6388.6/57

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -12.657+/-0.547 χ^2/NDF: 904.5/14

Left Out: -27.408+/-0.137 χ^2/NDF:14850.5/24

Right Out: -6.320+/-0.551 χ^2/NDF: 2570.0/15

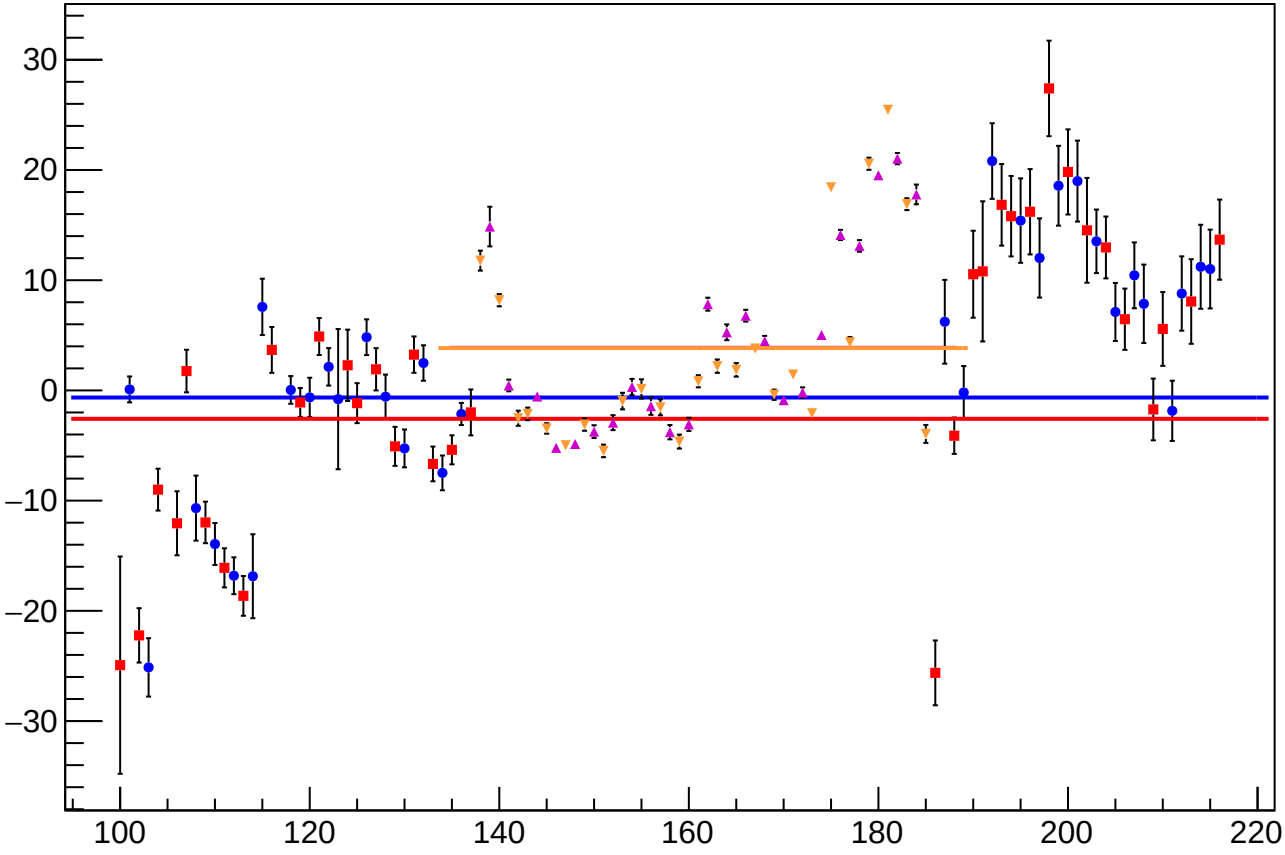
Left In: -27.243+/-0.139 χ^2/NDF:11305.2/22

+ sign -26.538+/-0.133 χ^2/NDF: 16440.0/39

All: -26.268+/-0.095 χ^2/NDF: 31676.6/78

- sign -25.987+/-0.135 χ^2/NDF: 15228.1/38

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -0.644+/-0.369 χ^2/NDF: 524.2/31

Left Out: 3.841+/-0.109 χ^2/NDF:6939.2/24

Right Out: -2.577+/-0.377 χ^2/NDF: 645.6/34

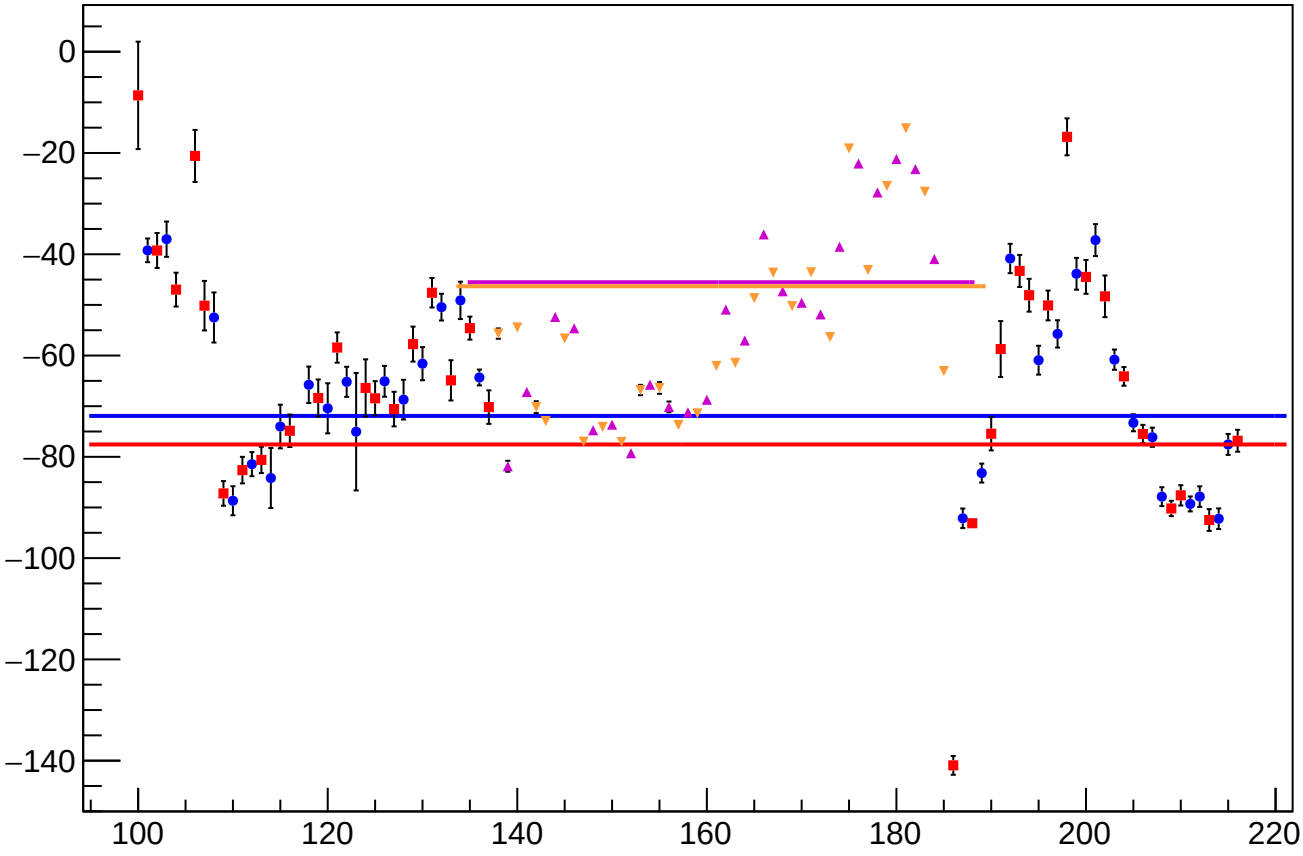
Left In: 3.866+/-0.111 χ^2/NDF:5424.0/22

+ sign 3.480+/-0.105 χ^2/NDF: 7599.3/56

All: 3.416+/-0.075 χ^2/NDF: 13938.9/114

- sign 3.349+/-0.107 χ^2/NDF: 6338.8/57

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -71.921+/-0.434 χ^2/NDF: 1446.6/31

Left Out: -46.318+/-0.138 χ^2/NDF:20134.6/24

Right Out: -77.562+/-0.424 χ^2/NDF: 3099.0/34

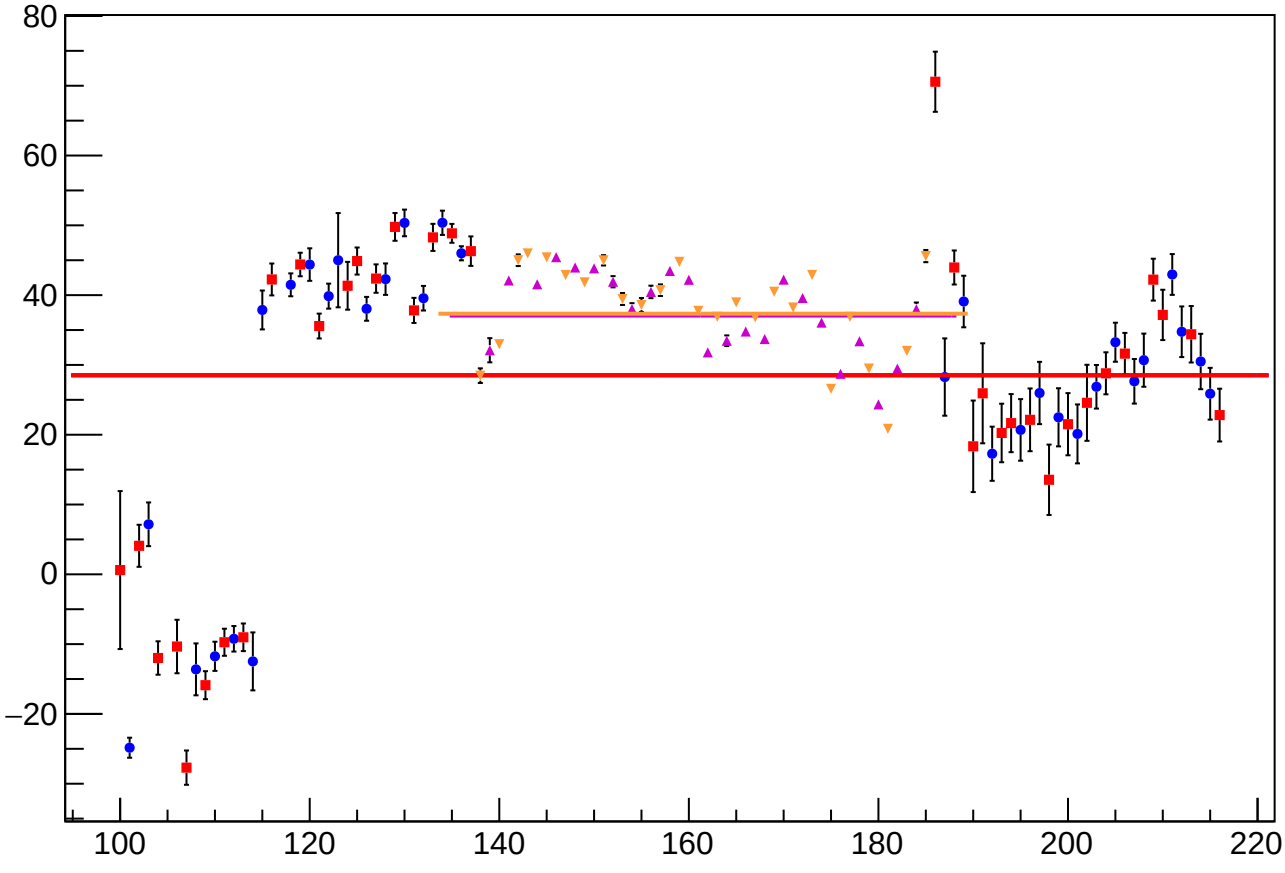
Left In: -45.522+/-0.140 χ^2/NDF:17525.4/22

+ sign -48.663+/-0.131 χ^2/NDF: 24737.1/56

All: -48.663+/-0.093 χ^2/NDF: 50517.1/114

- sign -48.664+/-0.133 χ^2/NDF: 25780.0/57

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.517+/-0.414 χ^2/NDF: 3369.0/31

Left Out: 37.340+/-0.123 χ^2/NDF:3149.1/24

Right Out: 28.516+/-0.429 χ^2/NDF: 3227.4/34

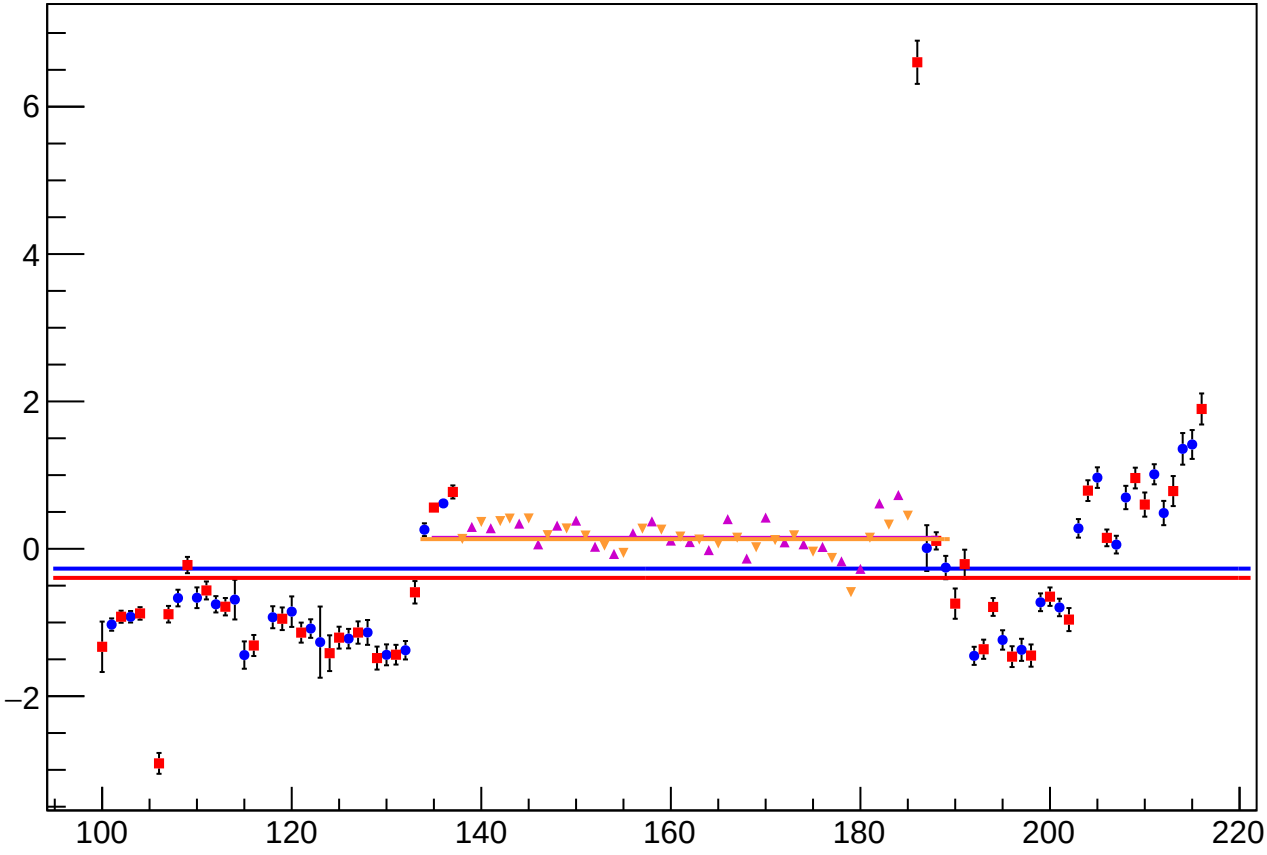
Left In: 37.074+/-0.125 χ^2/NDF:2397.3/22

+ sign 36.627+/-0.118 χ^2/NDF: 6934.7/56

All: 36.516+/-0.084 χ^2/NDF: 12928.5/114

- sign 36.401+/-0.120 χ^2/NDF: 5992.0/57

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.269+/-0.021 χ^2/NDF: 1632.7/31

Left Out: 0.131+/-0.006 χ^2/NDF:1426.3/24

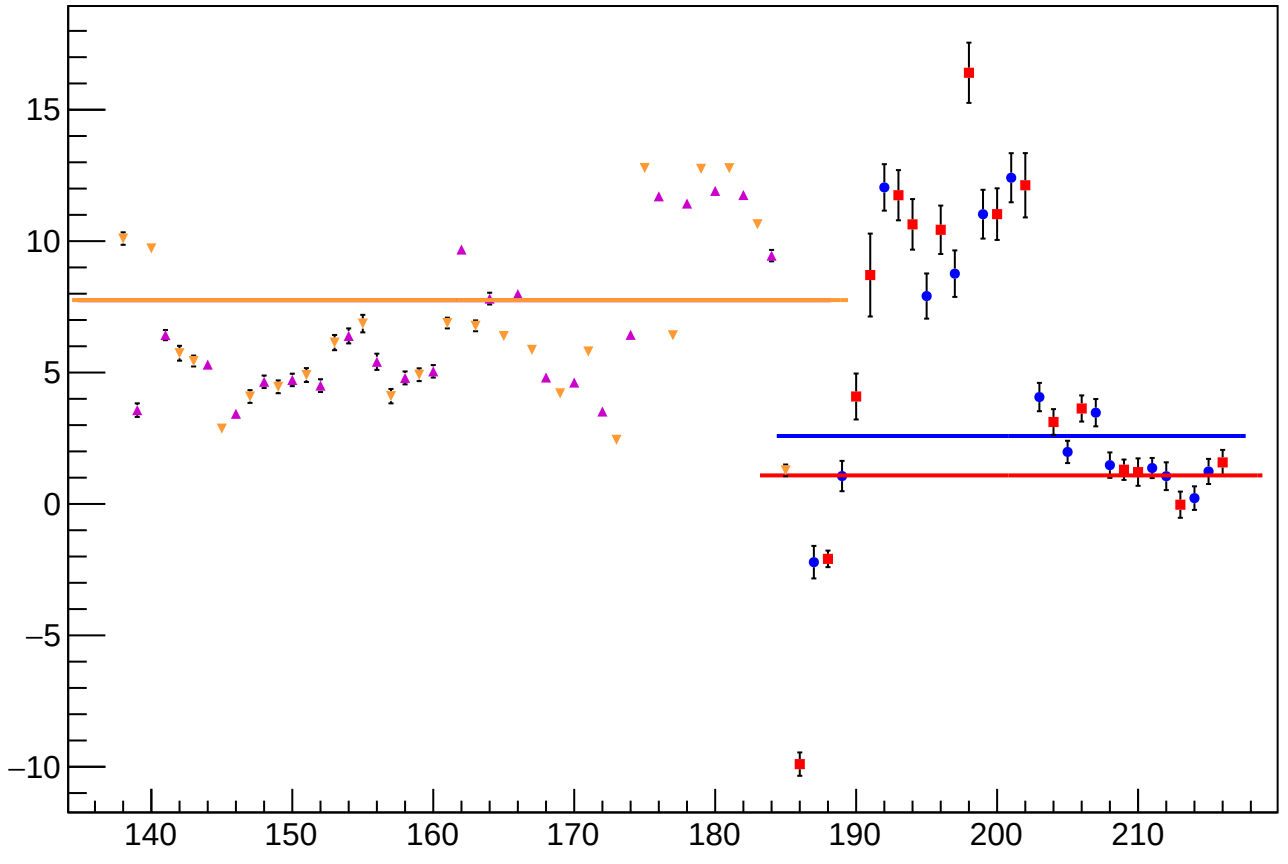
Right Out: -0.395+/-0.021 χ^2/NDF: 2336.9/34

Left In: 0.149+/-0.006 χ^2/NDF:1803.6/22

+ sign 0.104+/-0.005 χ^2/NDF: 3405.5/56

All: 0.108+/-0.004 χ^2/NDF: 8160.0/114

- sign 0.112+/-0.006 χ^2/NDF: 4753.5/57



Right In: 2.586+/-0.144 χ^2/NDF: 534.0/14

Left Out: 7.757+/-0.034 χ^2/NDF:11728.6/24

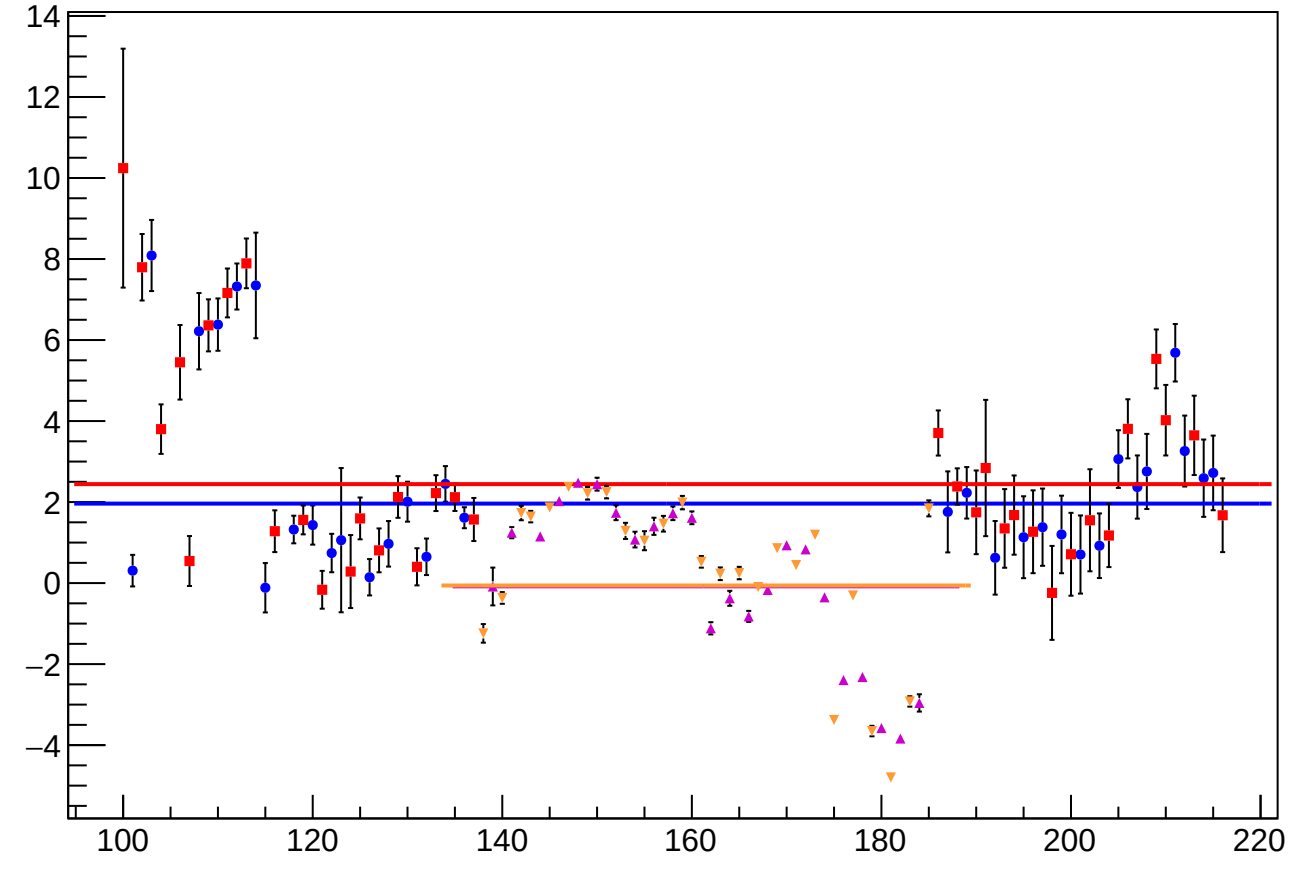
Right Out: 1.087+/-0.142 χ^2/NDF: 1487.4/15

Left In: 7.753+/-0.035 χ^2/NDF:8345.2/22

+ sign 7.477+/-0.033 χ^2/NDF: 13490.0/39

All: 7.424+/-0.024 χ^2/NDF: 25408.6/78

- sign 7.369+/-0.034 χ^2/NDF: 11913.5/38



Right In: 1.962+/-0.103 χ^2/NDF: 335.8/31

Left Out: -0.059+/-0.028 χ^2/NDF:6068.8/24

Right Out: 2.443+/-0.105 χ^2/NDF: 383.2/34

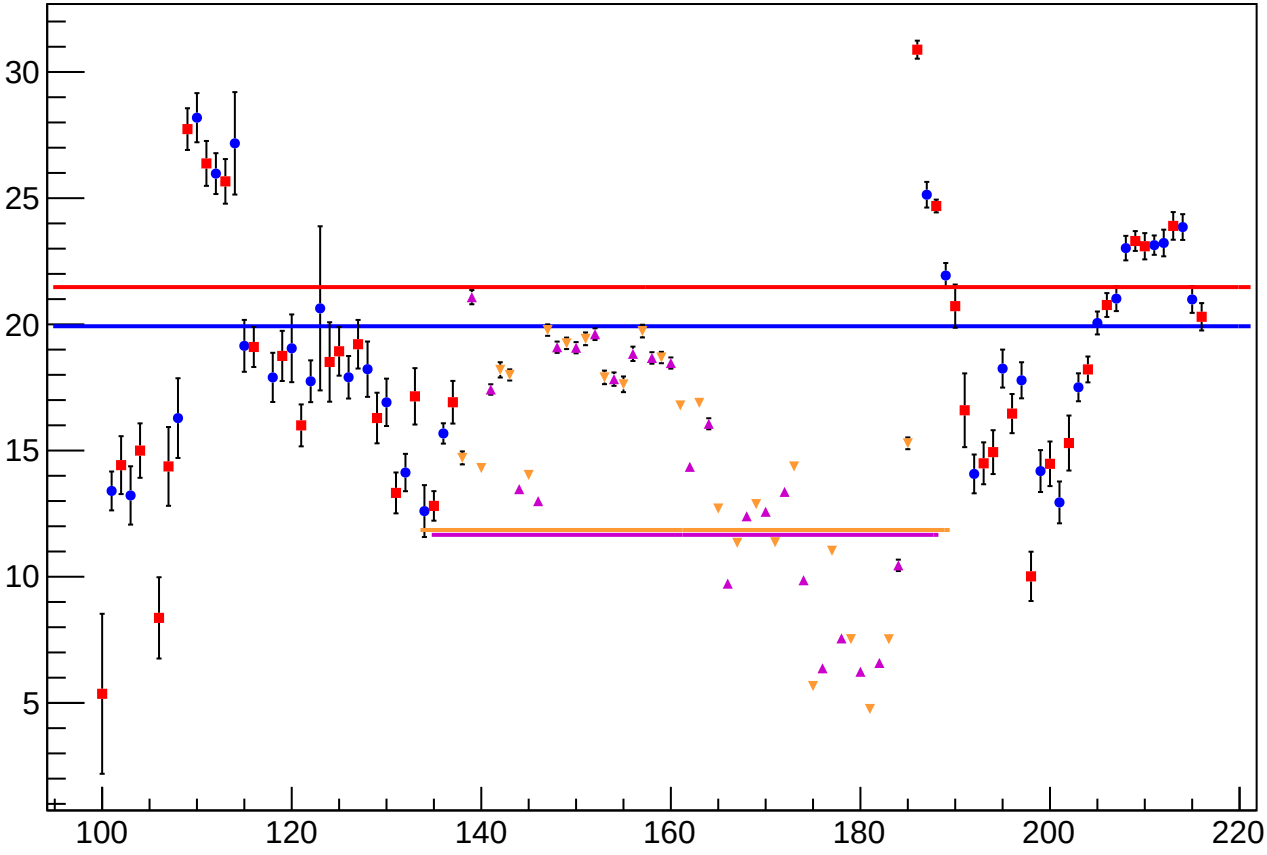
Left In: -0.080+/-0.028 χ^2/NDF:4979.5/22

+ sign 0.076+/-0.027 χ^2/NDF: 6761.0/56

All: 0.083+/-0.019 χ^2/NDF: 12659.9/114

- sign 0.089+/-0.027 χ^2/NDF: 5898.8/57

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 19.925+/-0.117 χ^2/NDF: 1054.3/31

Left Out: 11.853+/-0.035 χ^2/NDF:19149.4/24

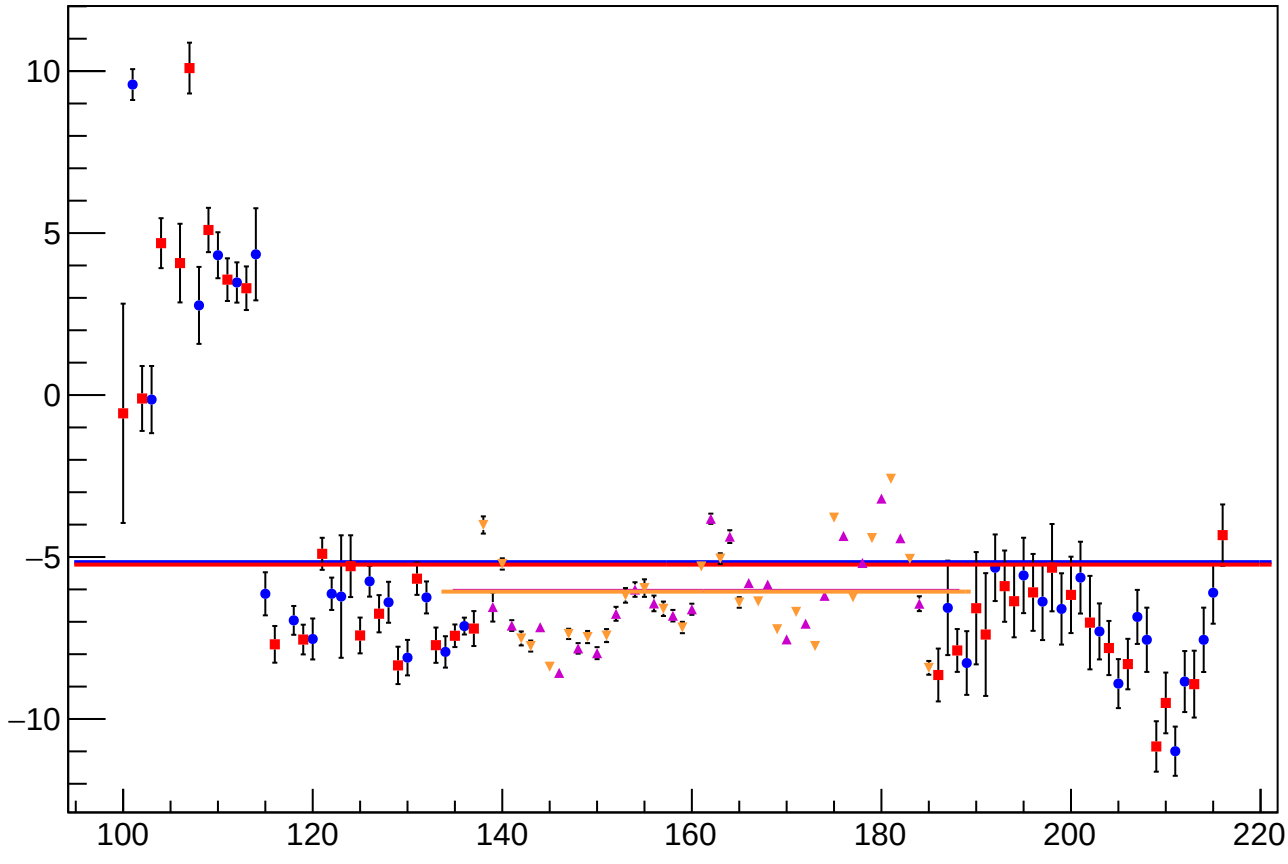
Right Out: 21.477+/-0.113 χ^2/NDF: 2131.2/34

Left In: 11.660+/-0.035 χ^2/NDF:16710.2/22

+ sign 12.500+/-0.033 χ^2/NDF: 24549.6/56

All: 12.516+/-0.024 χ^2/NDF: 50307.0/114

- sign 12.532+/-0.034 χ^2/NDF: 25756.9/57



Right In: -5.159+/-0.116 χ^2/NDF: 1744.4/31

Left Out: -6.068+/-0.031 χ^2/NDF:2671.7/24

Right Out: -5.234+/-0.120 χ^2/NDF: 1523.4/34

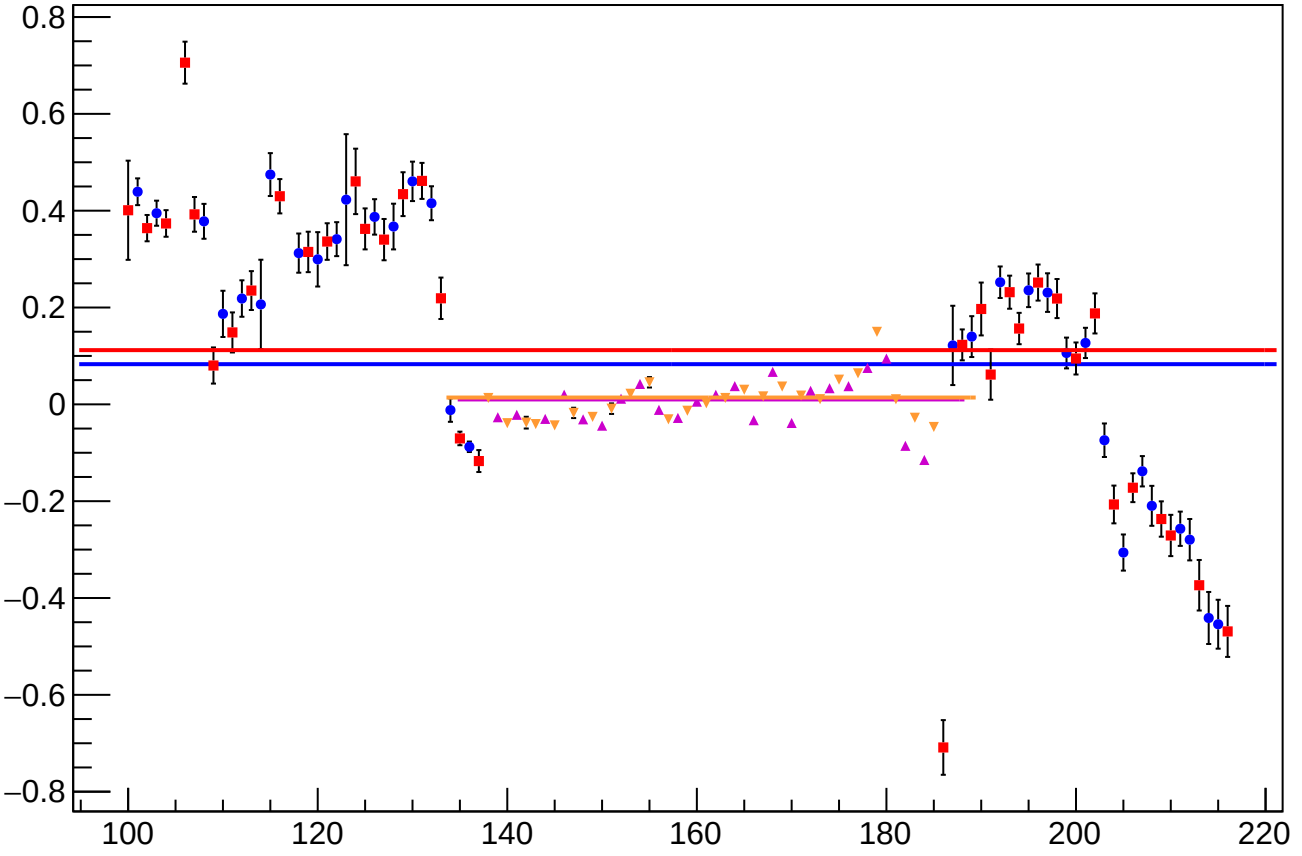
Left In: -6.045+/-0.032 χ^2/NDF:2293.7/22

+ sign -6.007+/-0.030 χ^2/NDF: 4473.8/56

All: -6.000+/-0.021 χ^2/NDF: 8333.8/114

- sign -5.992+/-0.031 χ^2/NDF: 3859.9/57

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.083+/-0.006 χ^2/NDF: 1794.2/31

Left Out: 0.014+/-0.001 χ^2/NDF:956.2/24

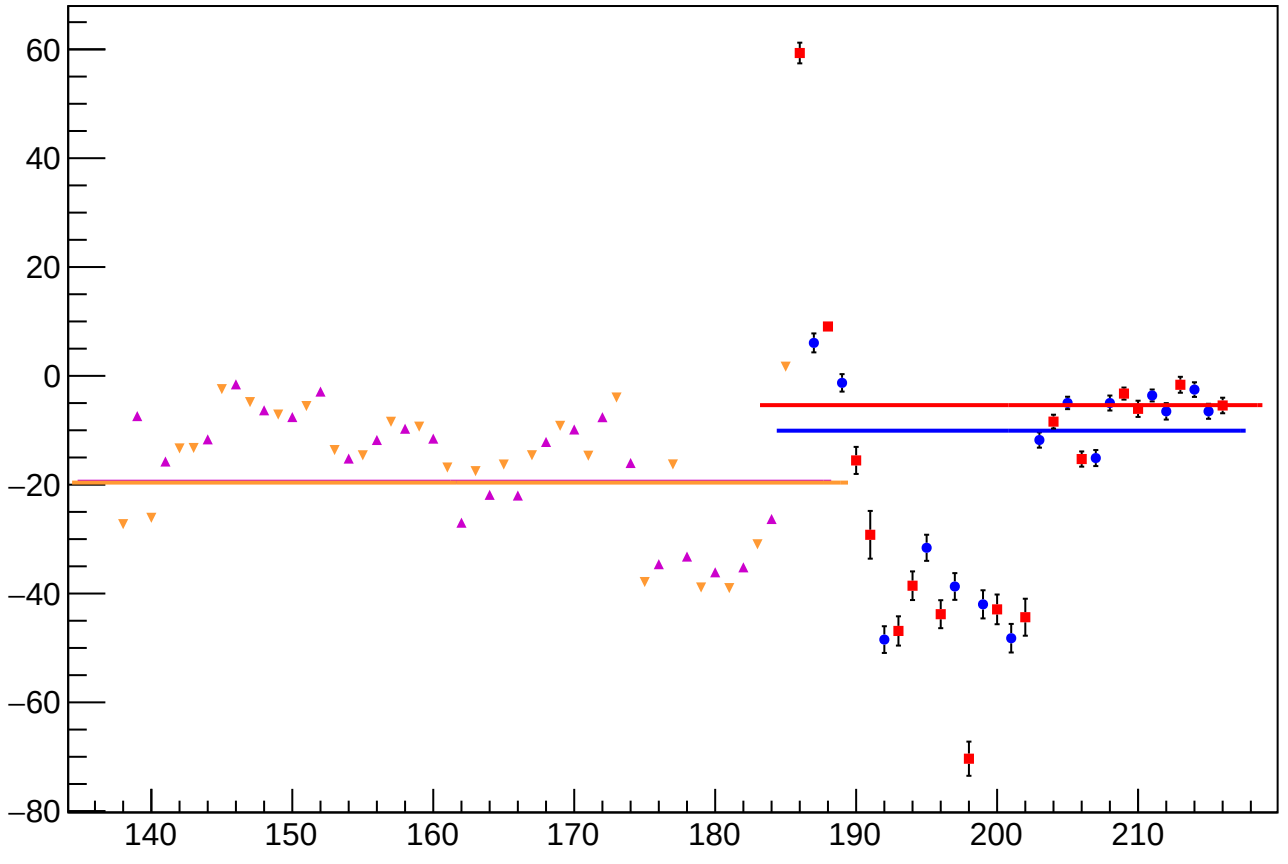
Right Out: 0.112+/-0.006 χ^2/NDF: 1881.6/34

Left In: 0.010+/-0.001 χ^2/NDF:1216.1/22

+ sign 0.018+/-0.001 χ^2/NDF: 2886.2/56

All: 0.017+/-0.001 χ^2/NDF: 6265.5/114

- sign 0.016+/-0.001 χ^2/NDF: 3378.1/57



Right In: -10.073+/-0.404 χ^2/NDF: 1065.3/14

Left Out: -19.612+/-0.103 χ^2/NDF:15761.3/24

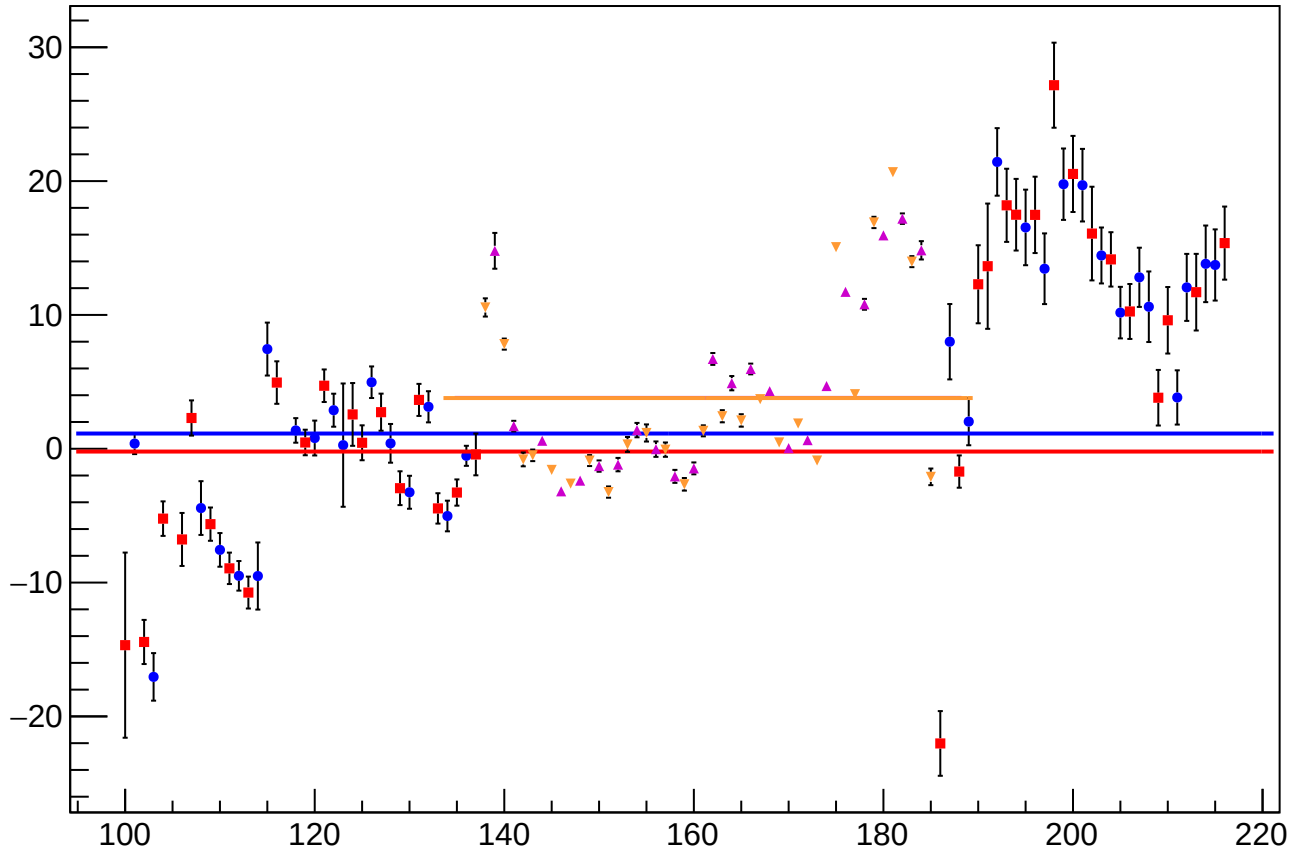
Right Out: -5.379+/-0.409 χ^2/NDF: 2930.6/15

Left In: -19.450+/-0.105 χ^2/NDF:12283.1/22

+ sign -19.027+/-0.100 χ^2/NDF: 17350.3/39

All: -18.807+/-0.071 χ^2/NDF: 33685.6/78

- sign -18.578+/-0.102 χ^2/NDF: 16325.3/38



Right In: 1.138+/-0.264 χ^2/NDF: 728.4/31

Left Out: 3.788+/-0.082 χ^2/NDF:7150.5/24

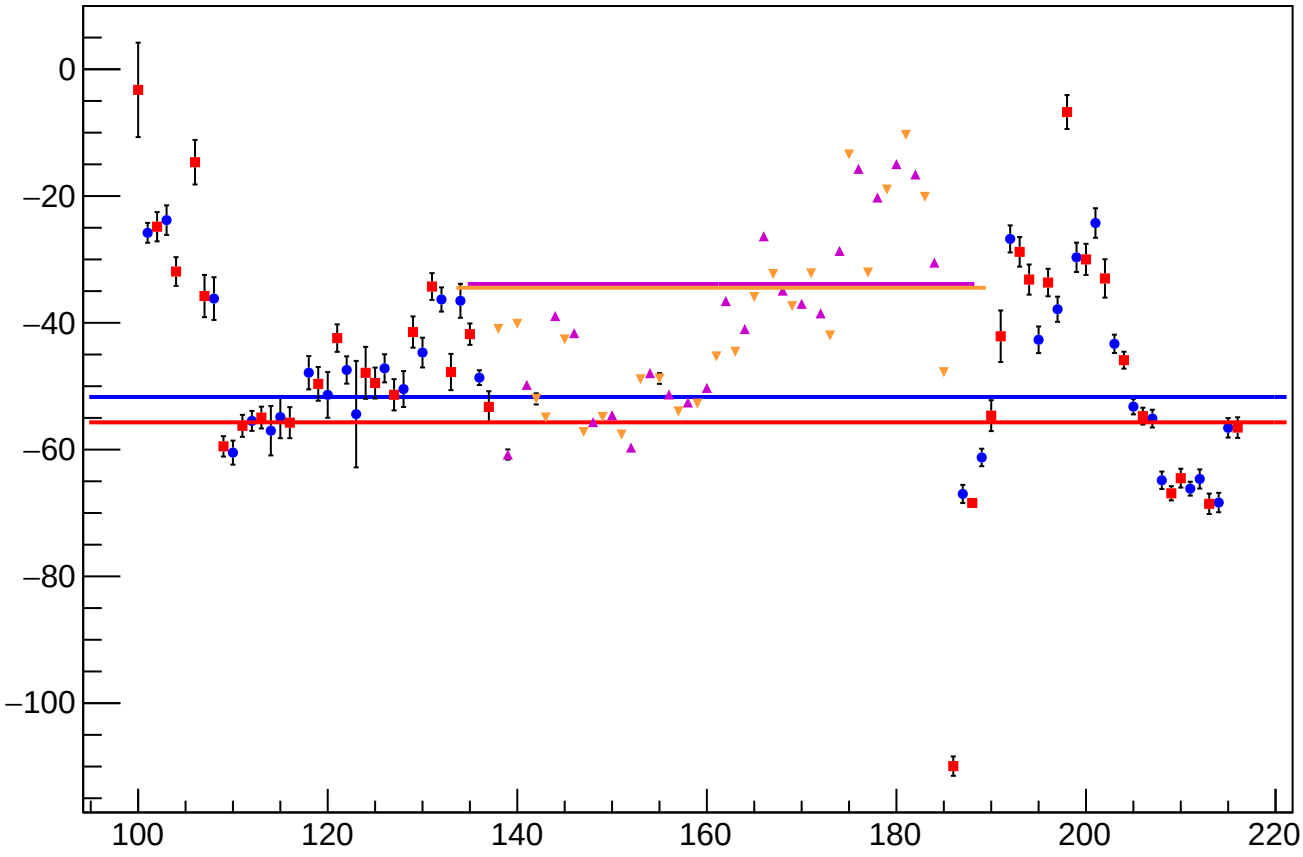
Right Out: -0.209+/-0.270 χ^2/NDF: 865.0/34

Left In: 3.799+/-0.084 χ^2/NDF:5517.0/22

\+ sign 3.555+/-0.078 χ^2/NDF: 7970.7/56

All: 3.502+/-0.056 χ^2/NDF: 14555.3/114

\- sign 3.447+/-0.080 χ^2/NDF: 6583.7/57



Right In: -51.700+/-0.316 χ^2/NDF: 1692.6/31

Left Out: -34.471+/-0.104 χ^2/NDF:20196.3/24

Right Out: -55.698+/-0.309 χ^2/NDF: 3480.7/34

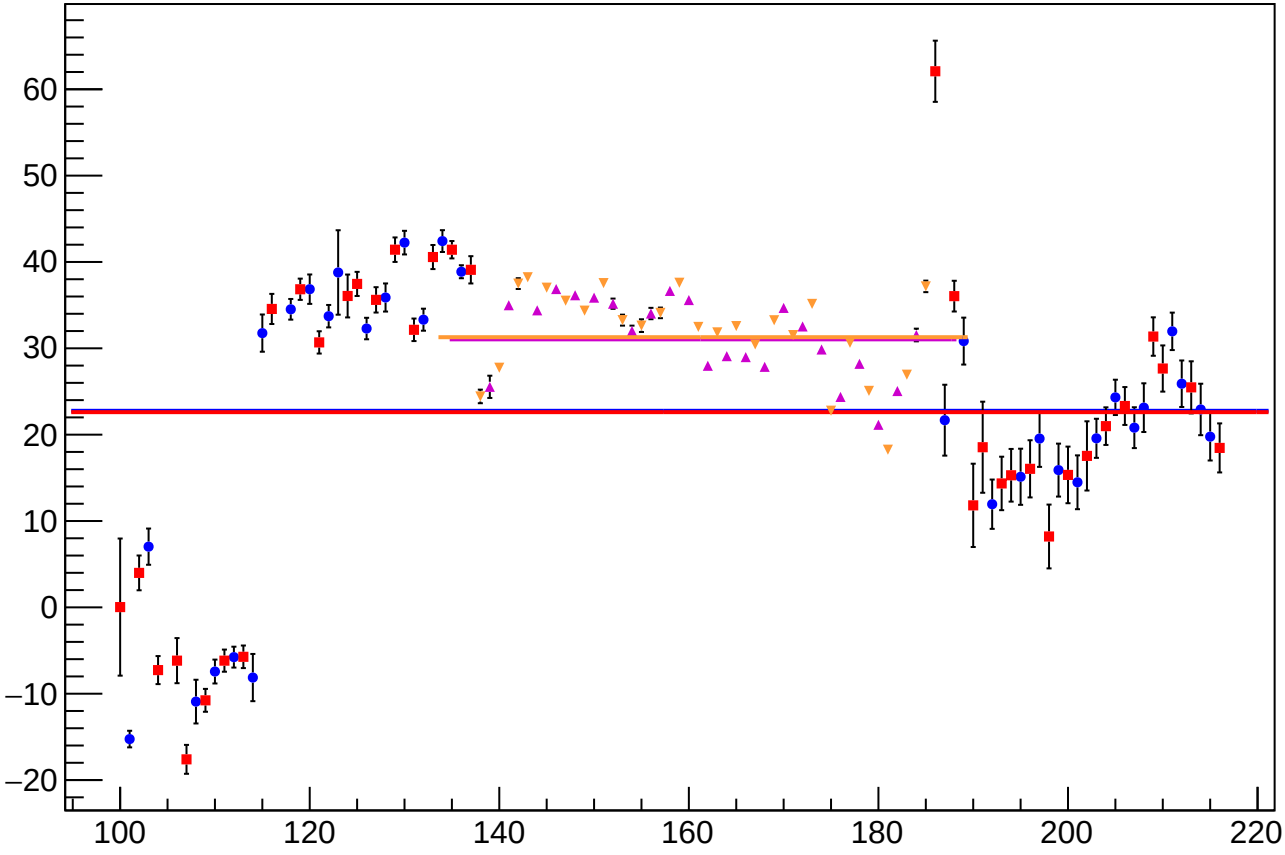
Left In: -33.875+/-0.105 χ^2/NDF:17638.7/22

\+ sign -36.153+/-0.099 χ^2/NDF: 24570.2/56

All: -36.150+/-0.070 χ^2/NDF: 50163.6/114

\- sign -36.147+/-0.100 χ^2/NDF: 25593.4/57

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.762+/-0.297 χ^2/NDF: 4383.0/31

Left Out: 31.286+/-0.092 χ^2/NDF:3345.7/24

Right Out: 22.608+/-0.307 χ^2/NDF: 4280.3/34

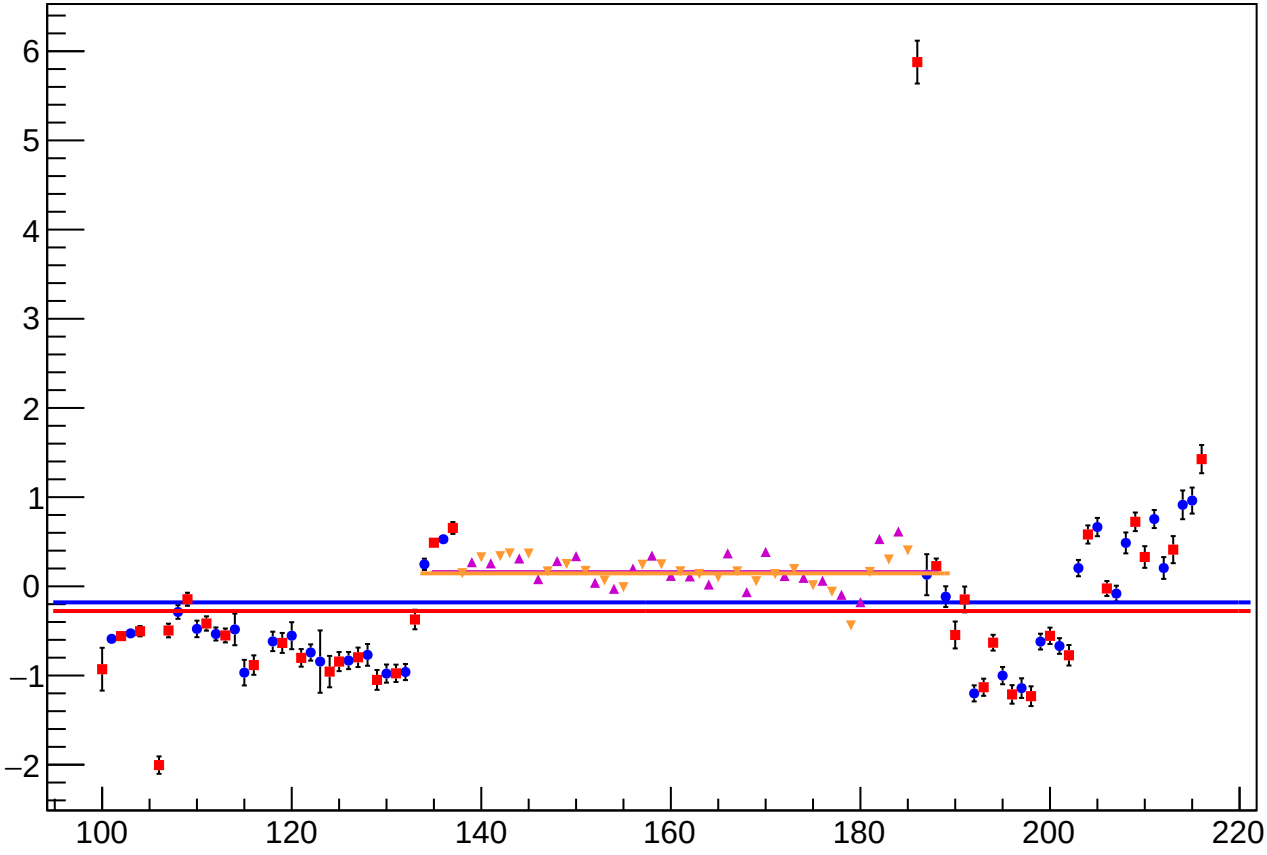
Left In: 31.039+/-0.094 χ^2/NDF:2480.0/22

\+ sign 30.536+/-0.088 χ^2/NDF: 8478.1/56

All: 30.427+/-0.063 χ^2/NDF: 15931.6/114

\- sign 30.313+/-0.090 χ^2/NDF: 7450.4/57

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180+/-0.015 χ^2/NDF: 1650.3/31

Left Out: 0.145+/-0.004 χ^2/NDF:1579.6/24

Right Out: -0.277+/-0.015 χ^2/NDF: 2487.8/34

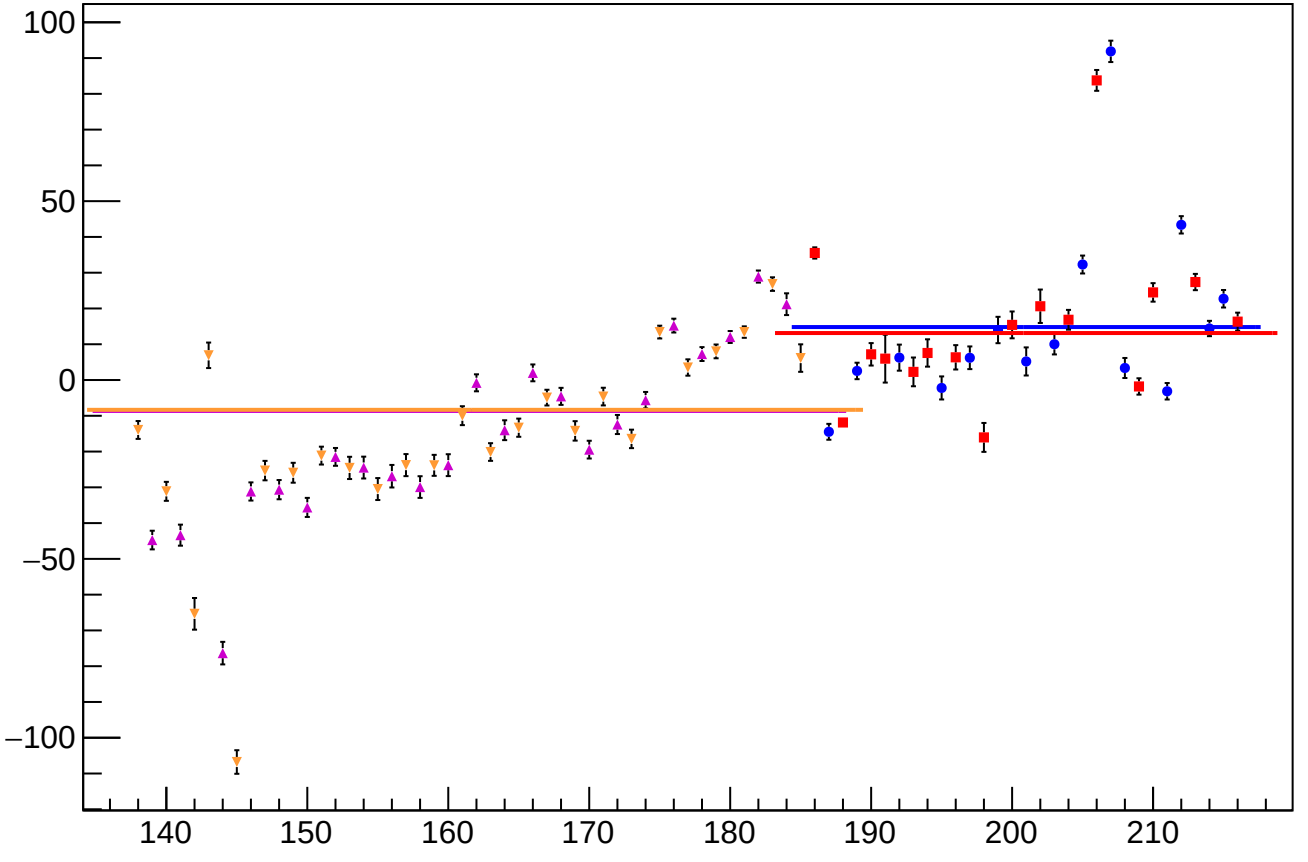
Left In: 0.159+/-0.004 χ^2/NDF:2009.8/22

+ sign 0.121+/-0.004 χ^2/NDF: 3669.5/56

All: 0.124+/-0.003 χ^2/NDF: 8931.2/114

- sign 0.126+/-0.004 χ^2/NDF: 5260.9/57

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 14.805+/-0.696 χ^2/NDF: 1192.5/14

Left Out: -8.332+/-0.500 χ^2/NDF:2226.2/24

Right Out: 13.132+/-0.630 χ^2/NDF: 1376.3/15

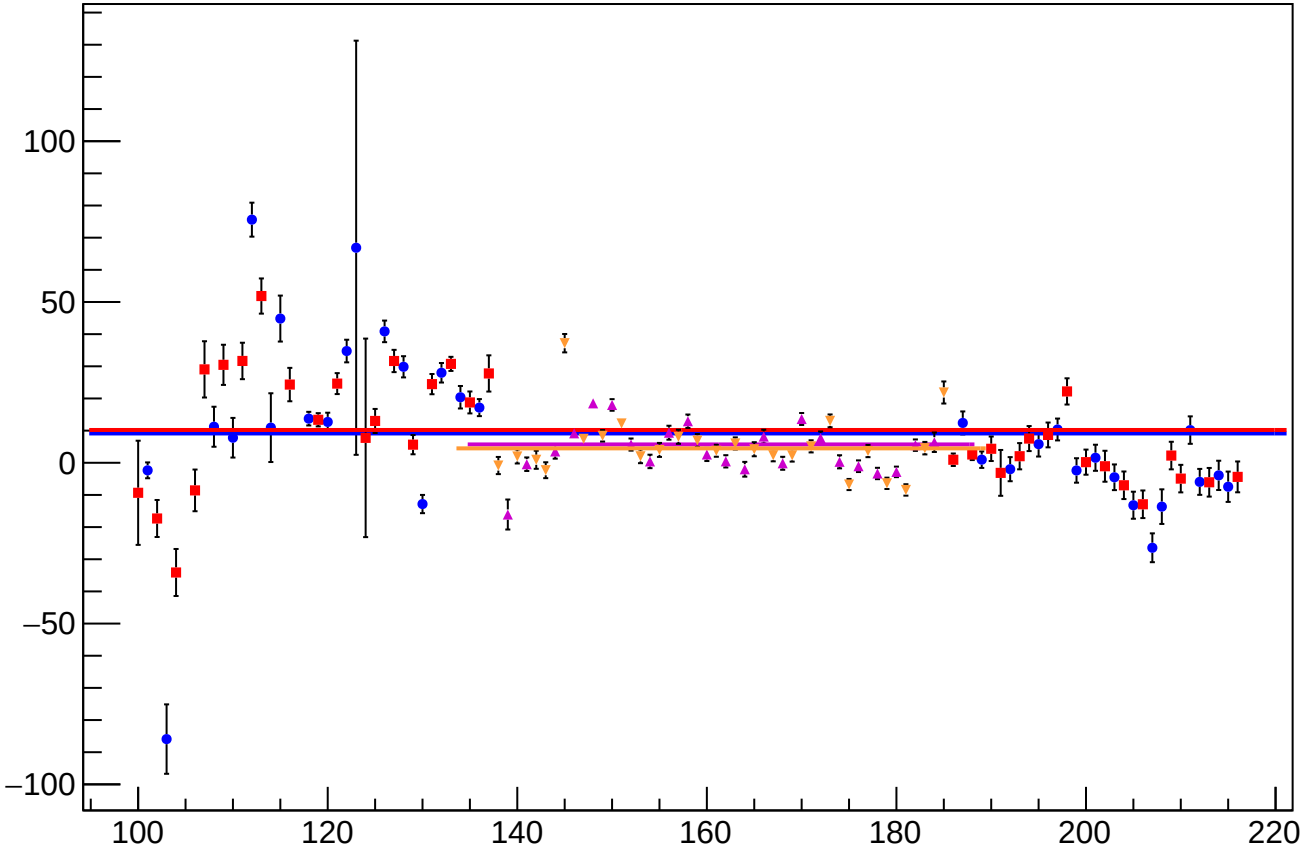
Left In: -8.652+/-0.507 χ^2/NDF:2223.8/22

\+ sign -0.460+/-0.406 χ^2/NDF: 4148.4/39

All: -0.270+/-0.283 χ^2/NDF: 8474.0/78

\- sign -0.091+/-0.395 χ^2/NDF: 4325.1/38

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 9.118+/-0.652 χ^2/NDF: 778.1/31

Left Out: 4.484+/-0.392 χ^2/NDF:371.9/24

Right Out: 10.201+/-0.620 χ^2/NDF: 508.9/34

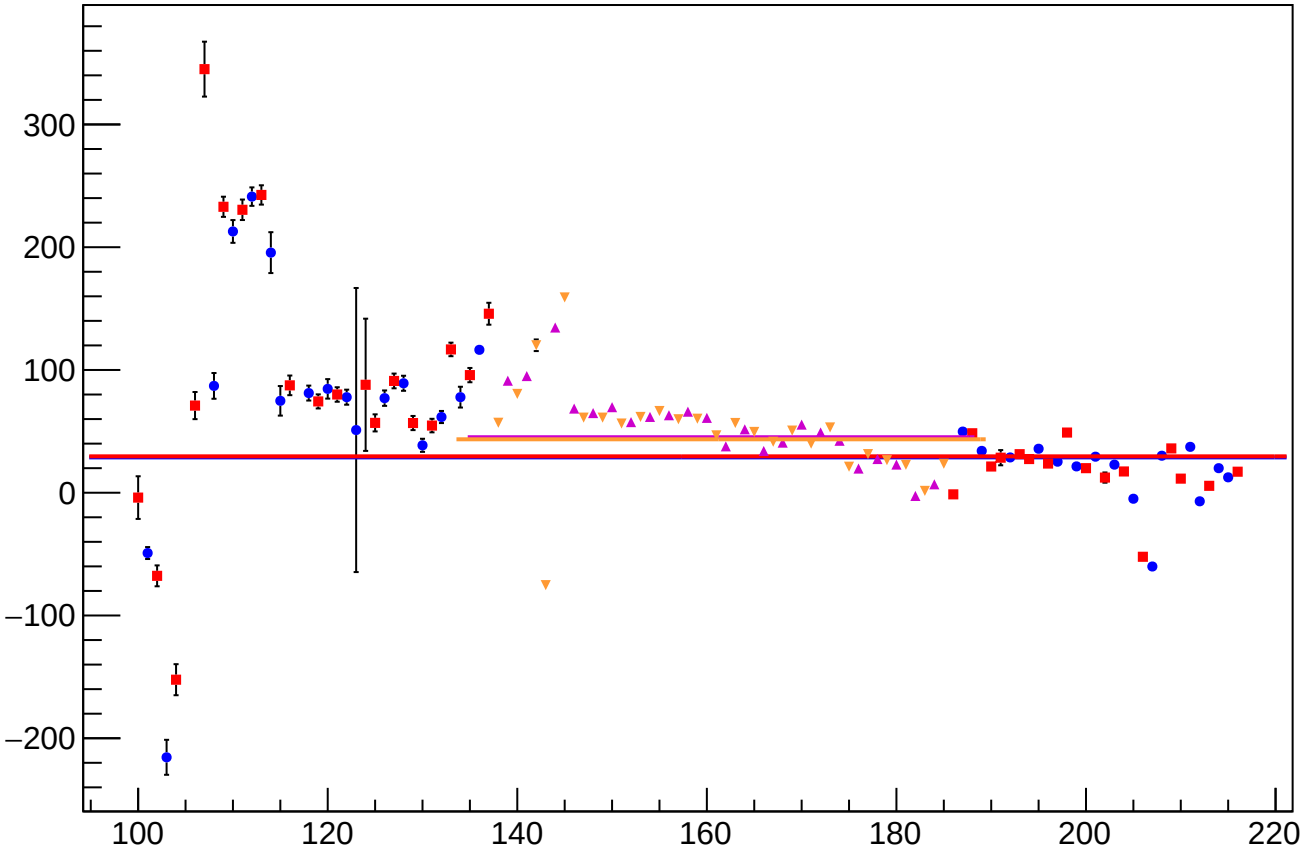
Left In: 5.705+/-0.404 χ^2/NDF:324.1/22

+ sign 5.715+/-0.336 χ^2/NDF: 1187.1/56

All: 6.375+/-0.239 χ^2/NDF: 2064.7/114

- sign 7.046+/-0.339 χ^2/NDF: 869.9/57

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 28.796+/-0.613 χ^2/NDF: 4346.4/31

Left Out: 43.524+/-0.498 χ^2/NDF:3830.7/24

Right Out: 29.645+/-0.534 χ^2/NDF: 5465.9/34

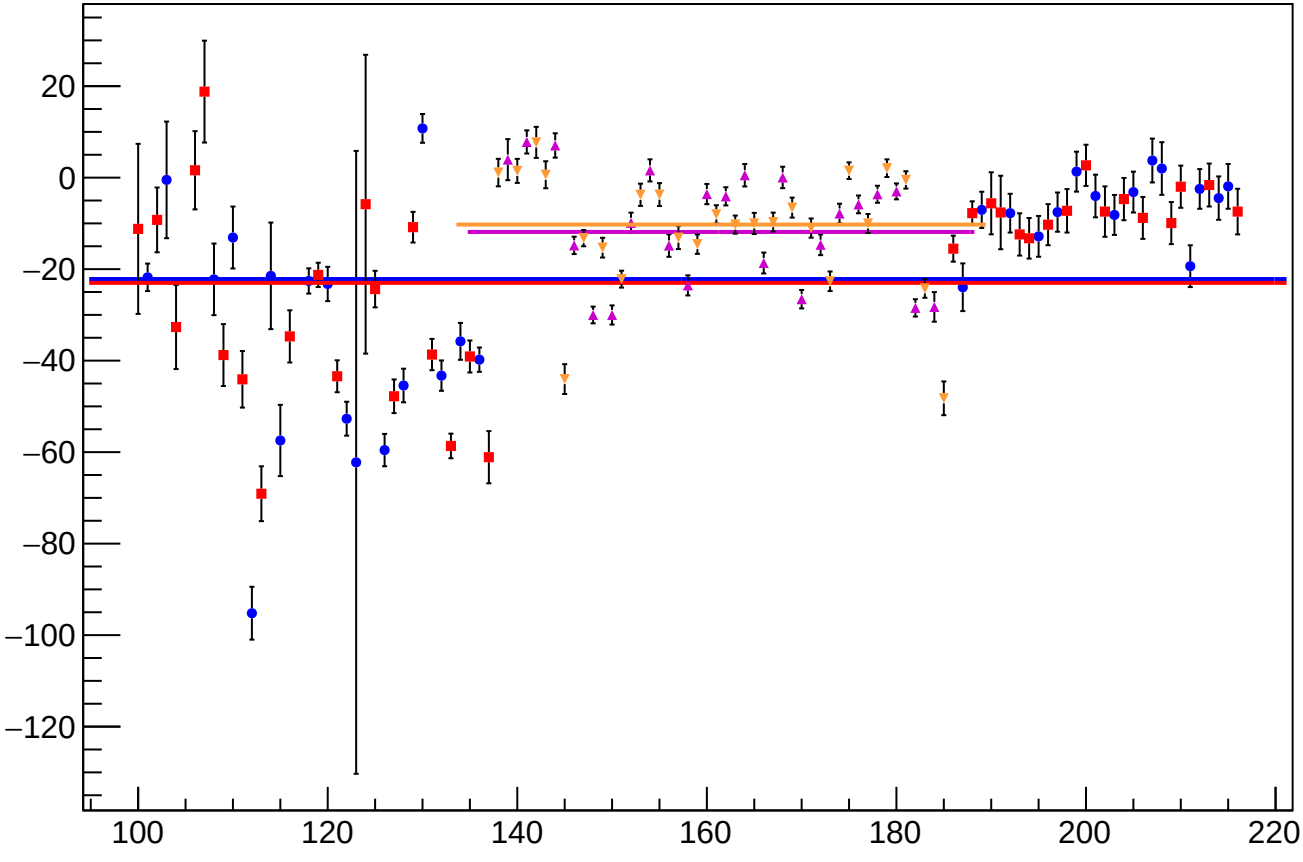
Left In: 45.211+/-0.504 χ^2/NDF:3048.5/22

\+ sign 37.664+/-0.387 χ^2/NDF: 8524.5/56

All: 37.777+/-0.266 χ^2/NDF: 17487.9/114

\- sign 37.879+/-0.367 χ^2/NDF: 8963.2/57

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -22.163+/-0.755 χ^2/NDF: 824.5/31

Left Out: -10.257+/-0.444 χ^2/NDF:552.4/24

Right Out: -23.003+/-0.744 χ^2/NDF: 670.4/34

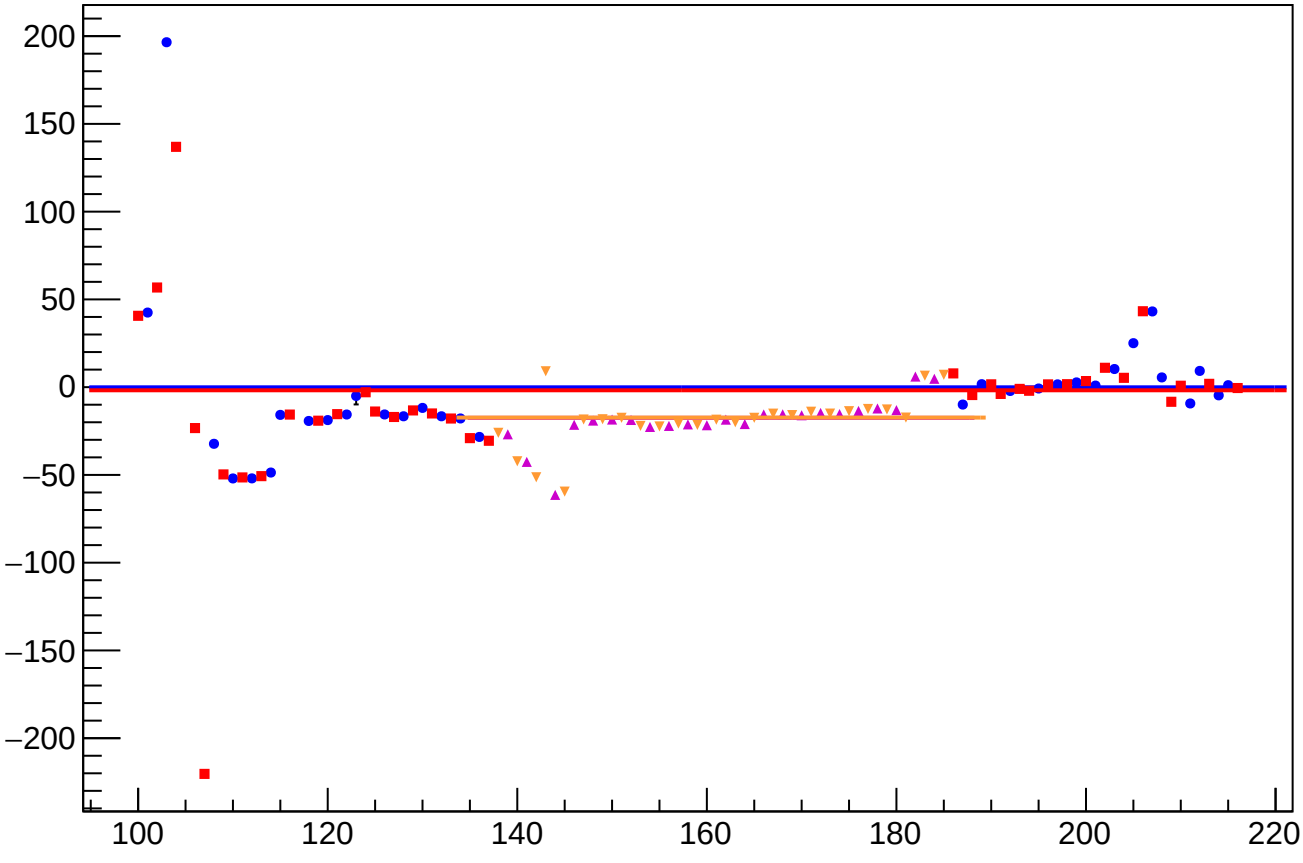
Left In: -11.877+/-0.456 χ^2/NDF:666.2/22

+ sign -13.322+/-0.383 χ^2/NDF: 1561.8/56

All: -14.108+/-0.273 χ^2/NDF: 3069.7/114

- sign -14.918+/-0.389 χ^2/NDF: 1499.4/57

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -0.093+/-0.036 χ^2/NDF: 678312.7/31

Left Out: -17.333+/-0.020 χ^2/NDF:325197.2/24

Right Out: -1.780+/-0.035 χ^2/NDF: 672338.0/34

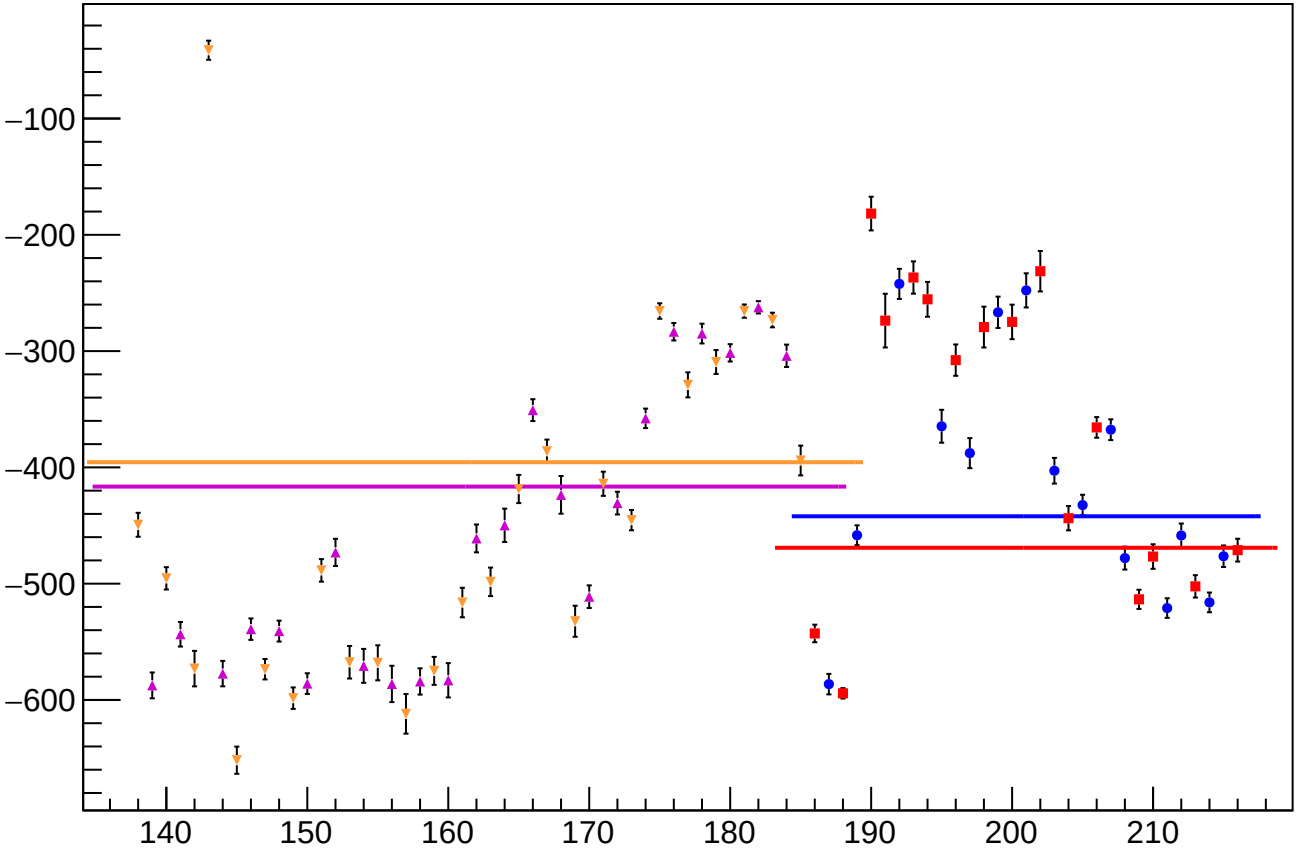
Left In: -17.491+/-0.021 χ^2/NDF:259215.8/22

+ sign -13.060+/-0.018 χ^2/NDF: 1180492.9/56

All: -13.220+/-0.013 χ^2/NDF: 2263278.0/114

- sign -13.381+/-0.018 χ^2/NDF: 1082621.7/57

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -442.049+/-2.611 χ^2/NDF: 1178.9/14

Left Out: -395.547+/-1.953 χ^2/NDF:5946.5/24

Right Out: -469.131+/-2.448 χ^2/NDF: 2625.5/15

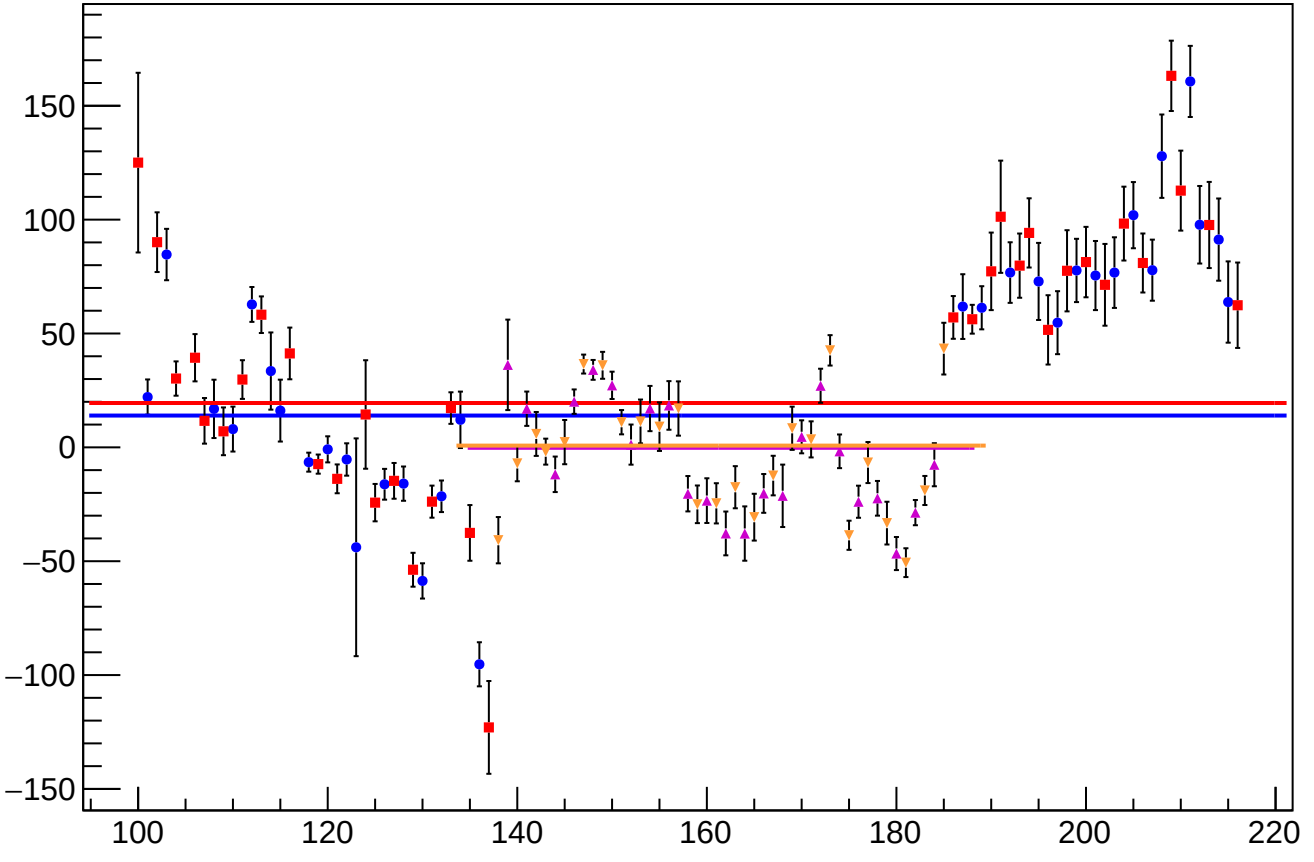
Left In: -416.521+/-2.005 χ^2/NDF:3917.0/22

+ sign -412.237+/-1.564 χ^2/NDF: 7328.8/39

All: -425.047+/-1.101 χ^2/NDF: 14280.9/78

- sign -437.643+/-1.551 χ^2/NDF: 6819.0/38

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 13.963+/-1.713 χ^2/NDF: 769.4/31

Left Out: 0.767+/-1.503 χ^2/NDF:350.1/24

Right Out: 19.475+/-1.666 χ^2/NDF: 731.1/34

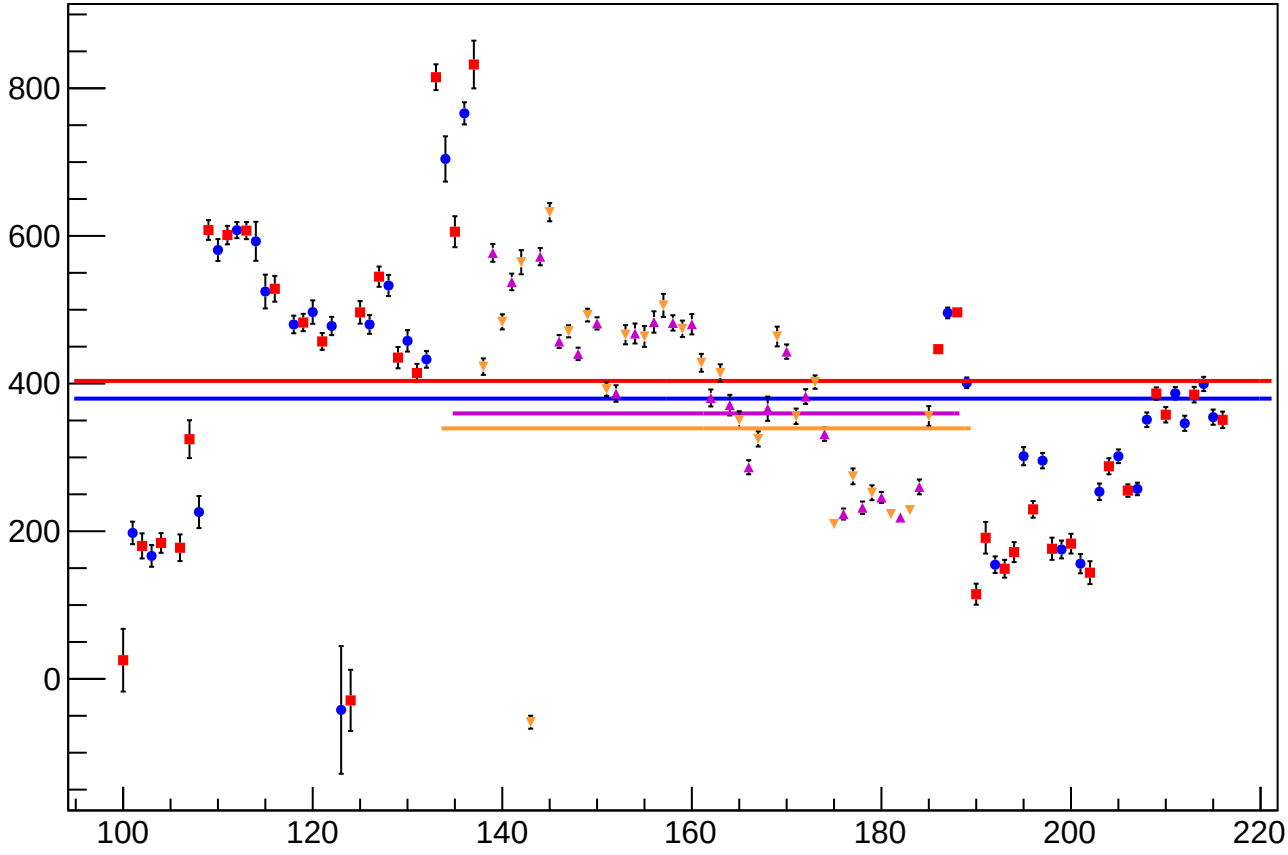
Left In: -0.202+/-1.575 χ^2/NDF:260.8/22

+ sign 6.504+/-1.130 χ^2/NDF: 1153.0/56

All: 7.780+/-0.804 χ^2/NDF: 2221.2/114

- sign 9.089+/-1.144 χ^2/NDF: 1065.6/57

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 379.629+/-2.056 χ^2/NDF: 4135.1/31

Left Out: 339.355+/-1.963 χ^2/NDF:5502.5/24

Right Out: 403.601+/-1.862 χ^2/NDF: 6132.2/34

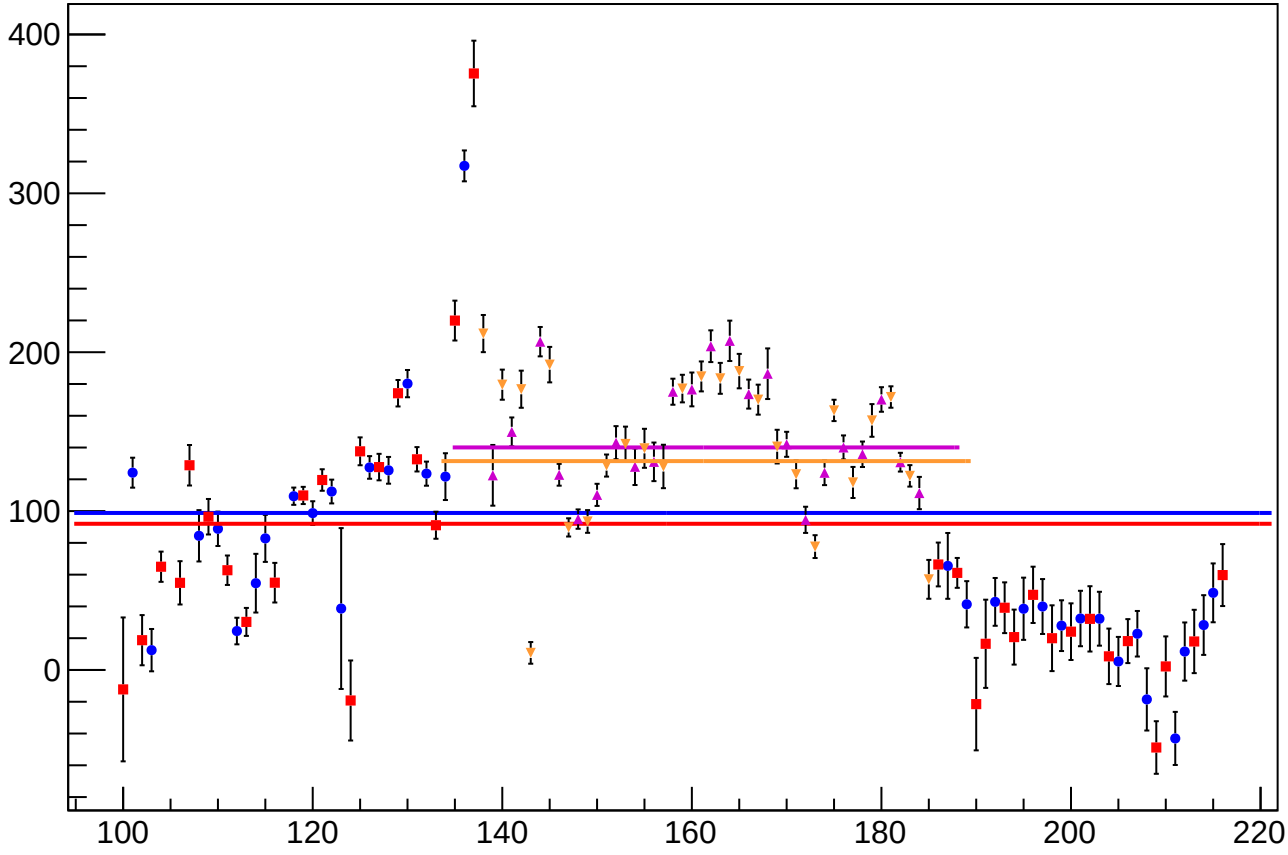
Left In: 359.609+/-2.003 χ^2/NDF:3398.5/22

+ sign 358.555+/-1.420 χ^2/NDF: 9838.3/56

All: 371.373+/-0.983 χ^2/NDF: 19784.5/114

- sign 383.201+/-1.364 χ^2/NDF: 9789.5/57

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 98.830+/-1.988 χ^2/NDF: 1098.9/31

Left Out: 131.464+/-1.728 χ^2/NDF:809.3/24

Right Out: 92.013+/-1.952 χ^2/NDF: 897.8/34

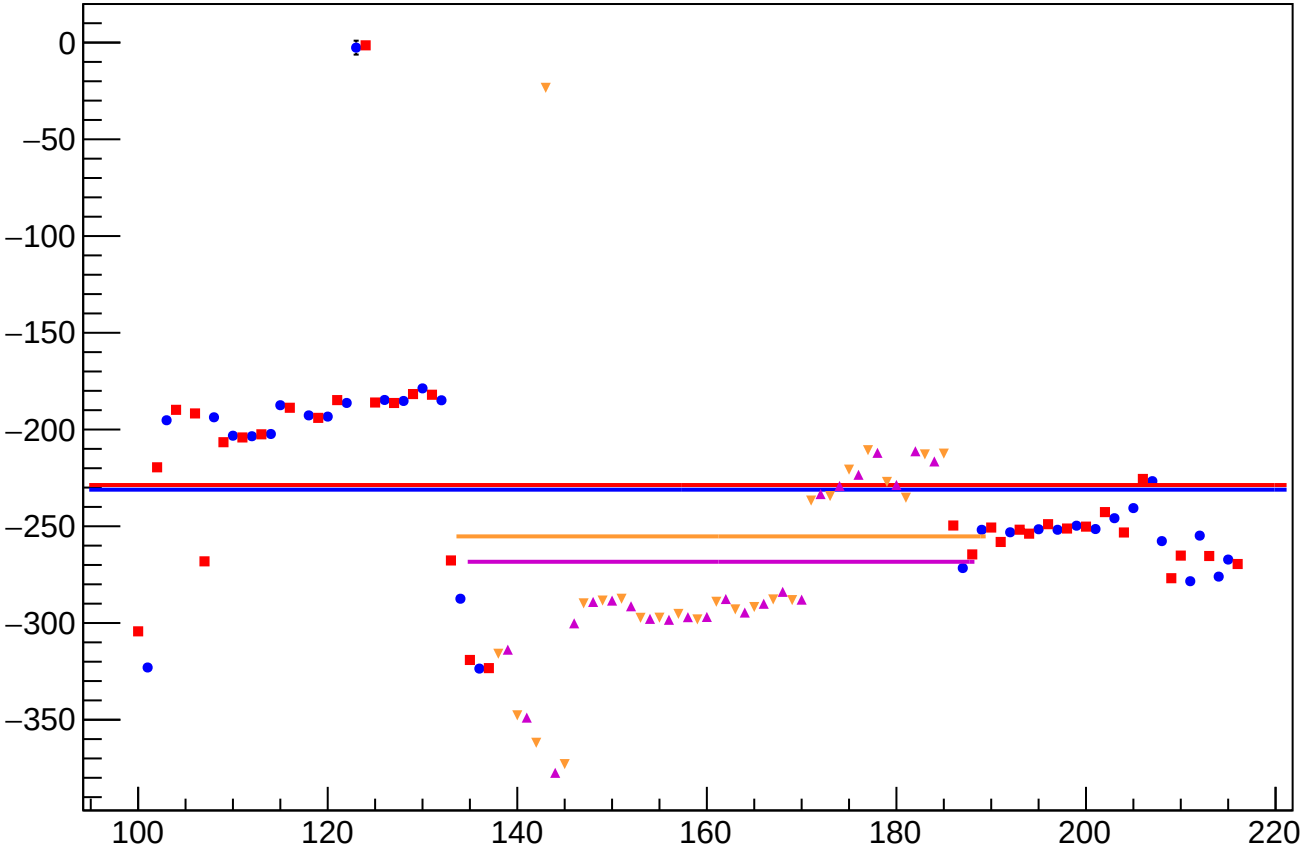
Left In: 140.069+/-1.795 χ^2/NDF:316.5/22

+ sign 117.422+/-1.304 χ^2/NDF: 2061.7/56

All: 117.735+/-0.928 χ^2/NDF: 3604.5/114

- sign 118.056+/-1.321 χ^2/NDF: 1542.6/57

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -231.086+/-0.105 χ^2/NDF: 176615.4/31

Left Out: -255.232+/-0.082 χ^2/NDF:728016.7/24

Right Out: -228.685+/-0.101 χ^2/NDF: 157974.5/34

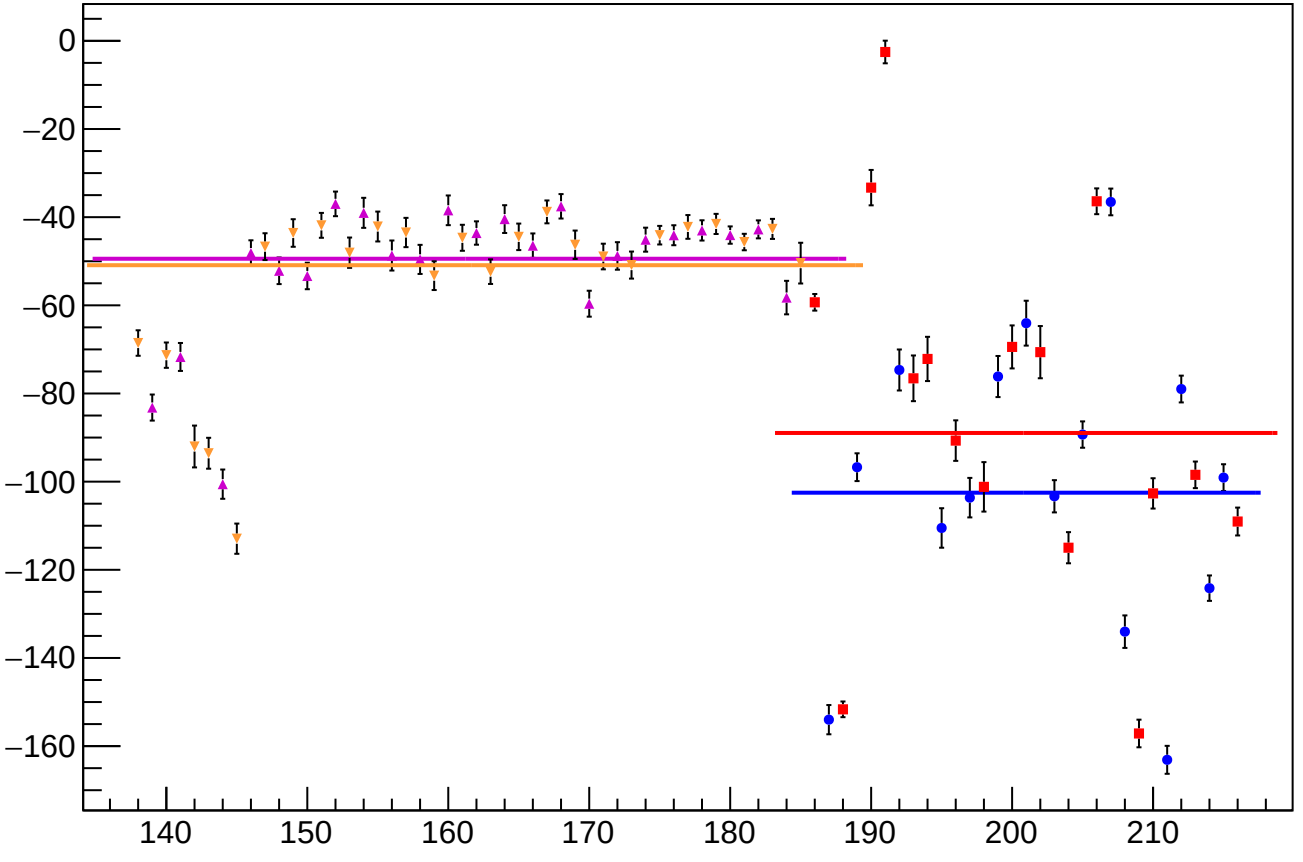
Left In: -268.353+/-0.084 χ^2/NDF:262479.3/22

+ sign -246.124+/-0.065 χ^2/NDF: 937368.6/56

All: -249.175+/-0.046 χ^2/NDF: 1453892.7/11

- sign -252.198+/-0.064 χ^2/NDF: 512094.5/57

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -102.507+/-0.902 χ^2/NDF: 1421.5/14

Left Out: -50.897+/-0.573 χ^2/NDF:761.1/24

Right Out: -88.956+/-0.783 χ^2/NDF: 3775.2/15

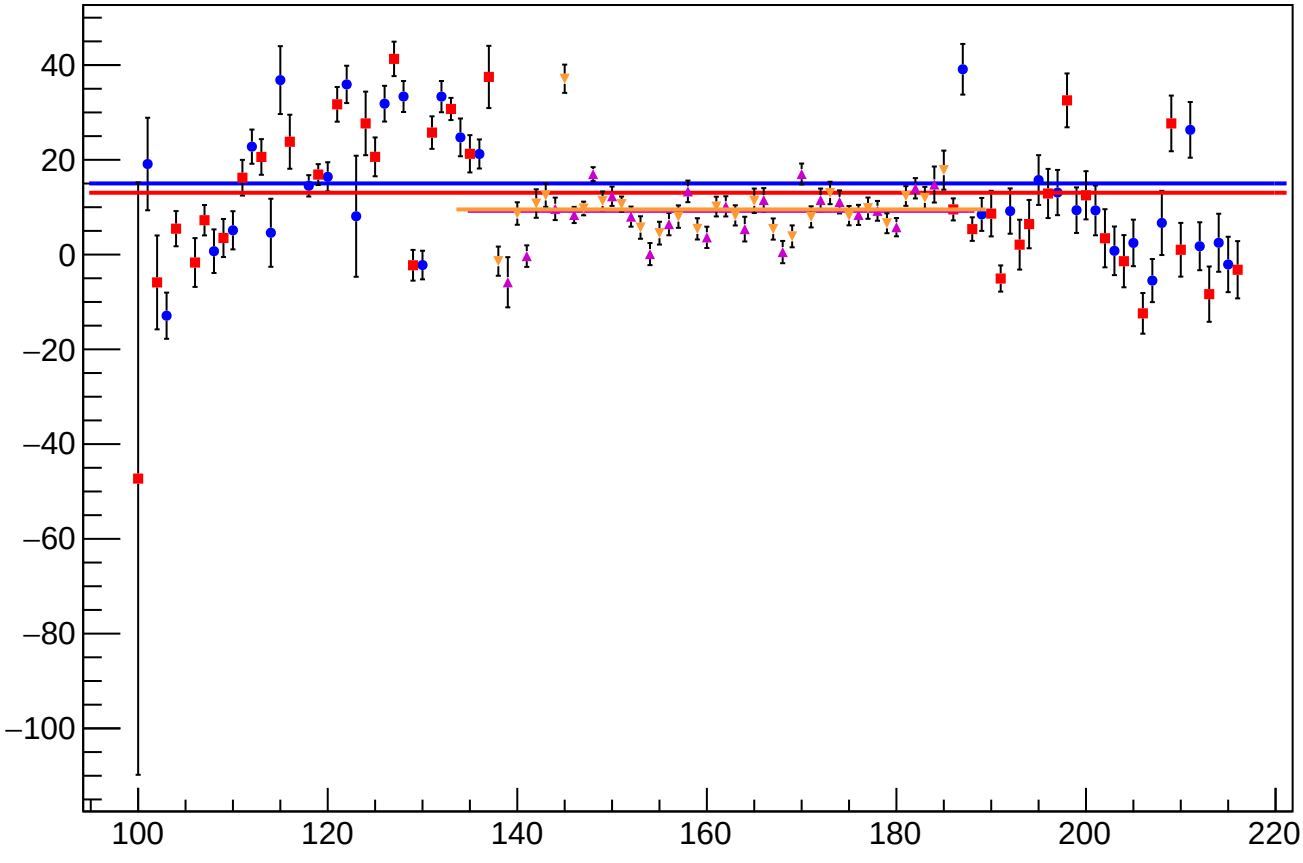
Left In: -49.432+/-0.584 χ^2/NDF:543.4/22

+ sign -65.717+/-0.484 χ^2/NDF: 4514.1/39

All: -64.599+/-0.336 χ^2/NDF: 10479.6/78

- sign -63.550+/-0.468 χ^2/NDF: 5955.1/38

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 15.017+/-0.750 χ^2/NDF: 305.7/31

Left Out: 9.530+/-0.446 χ^2/NDF:134.4/24

Right Out: 13.053+/-0.663 χ^2/NDF: 392.1/34

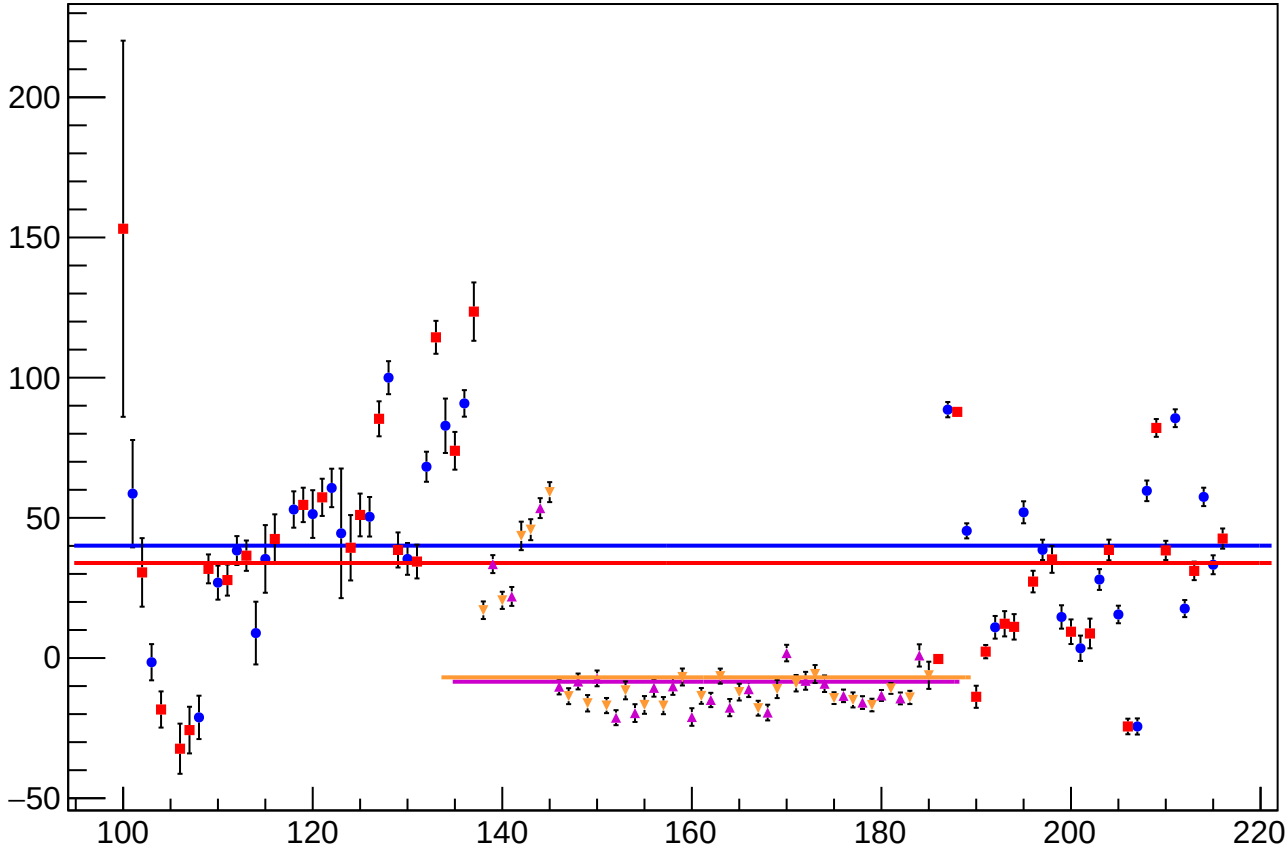
Left In: 9.231+/-0.462 χ^2/NDF:124.0/22

+ sign 10.964+/-0.383 χ^2/NDF: 479.6/56

All: 10.718+/-0.269 χ^2/NDF: 1018.8/114

- sign 10.478+/-0.379 χ^2/NDF: 538.4/57

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 40.082+/-0.769 χ^2/NDF: 1777.7/31

Left Out: -6.888+/-0.571 χ^2/NDF:914.2/24

Right Out: 33.898+/-0.645 χ^2/NDF: 3602.8/34

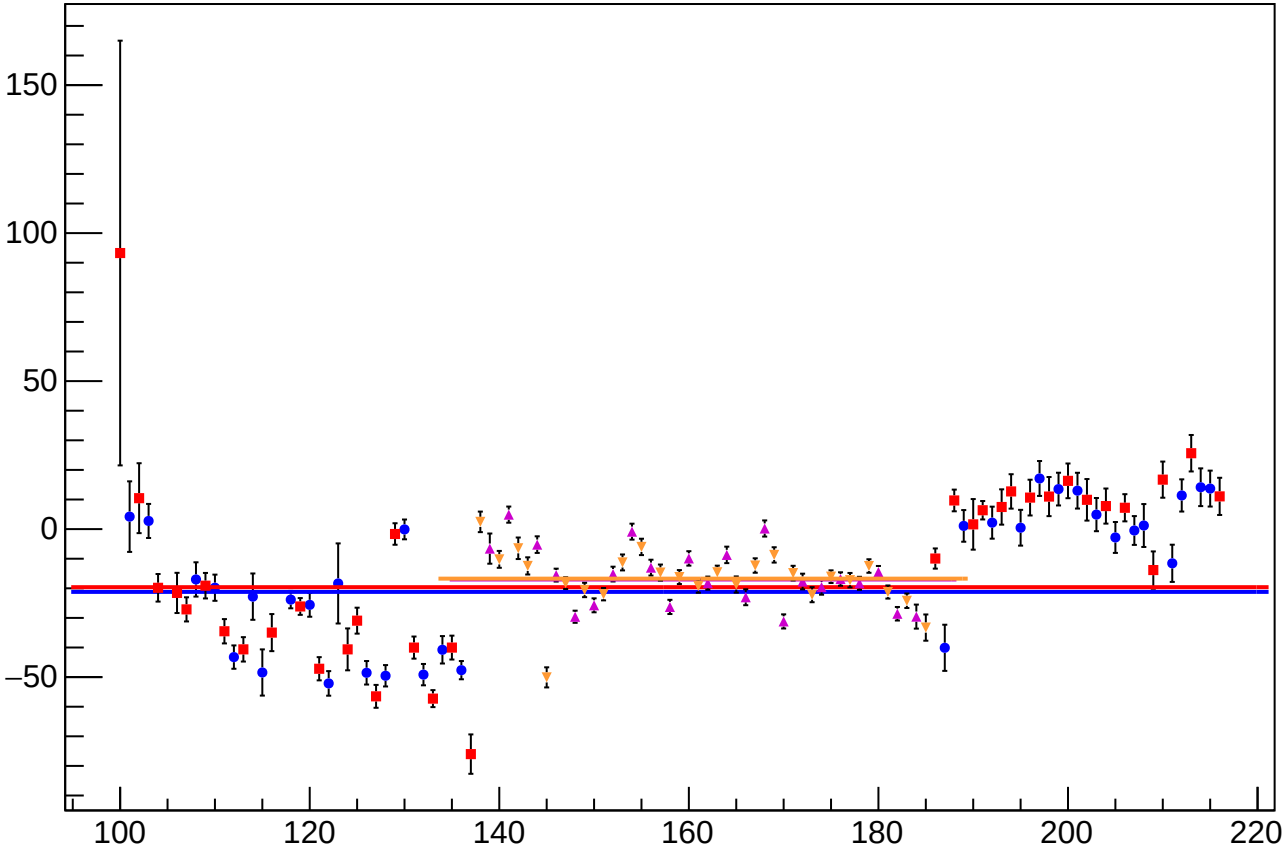
Left In: -8.451+/-0.580 χ^2/NDF:688.9/22

+ sign 9.809+/-0.458 χ^2/NDF: 5097.6/56

All: 10.169+/-0.314 χ^2/NDF: 11776.0/114

- sign 10.486+/-0.431 χ^2/NDF: 6677.2/57

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -21.209+/-0.858 χ^2/NDF: 756.2/31

Left Out: -16.733+/-0.507 χ^2/NDF:223.3/24

Right Out: -19.619+/-0.784 χ^2/NDF: 1013.4/34

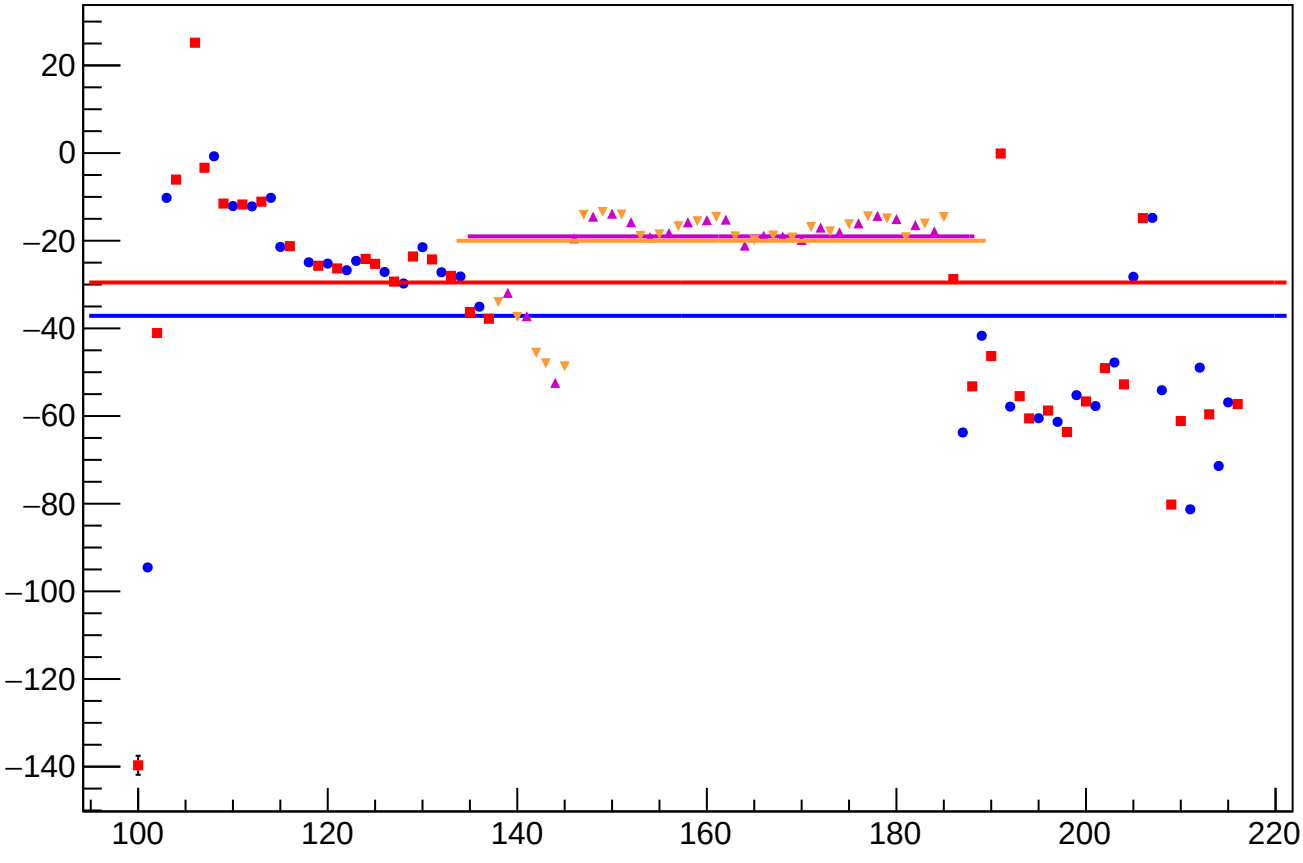
Left In: -17.023+/-0.522 χ^2/NDF:327.6/22

+ sign -17.890+/-0.436 χ^2/NDF: 999.6/56

All: -17.855+/-0.308 χ^2/NDF: 2348.2/114

- sign -17.820+/-0.434 χ^2/NDF: 1348.6/57

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -37.133+/-0.041 χ^2/NDF: 258814.0/31

Left Out: -20.006+/-0.023 χ^2/NDF:145623.8/24

Right Out: -29.528+/-0.036 χ^2/NDF: 475819.9/34

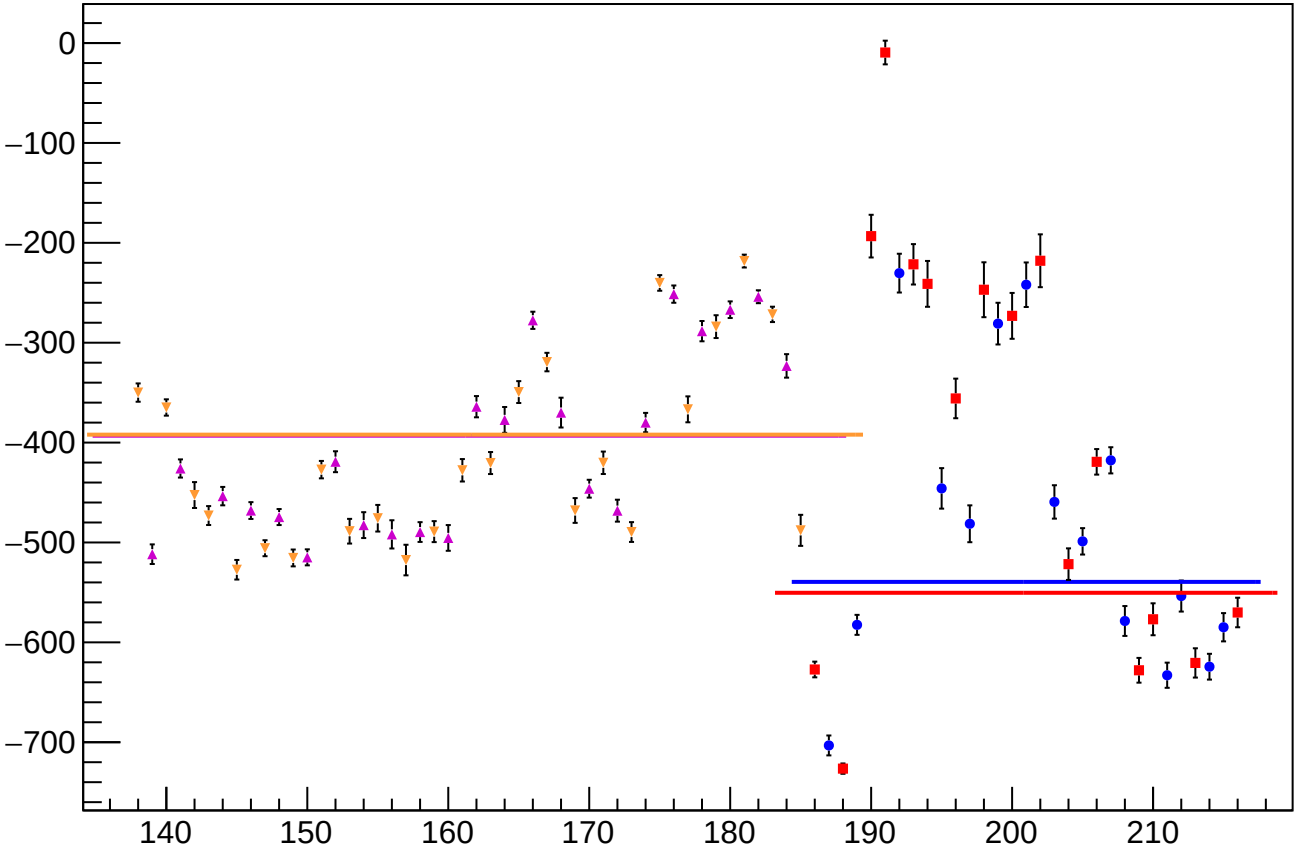
Left In: -19.007+/-0.024 χ^2/NDF:90873.3/22

+ sign -24.234+/-0.020 χ^2/NDF: 537864.3/56

All: -23.188+/-0.014 χ^2/NDF: 1169502.2/114

- sign -22.188+/-0.020 χ^2/NDF: 626402.9/57

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -539.465+/-3.691 χ^2/NDF: 1139.6/14

Left Out: -392.054+/-1.967 χ^2/NDF:2717.2/24

Right Out: -550.379+/-3.100 χ^2/NDF: 4754.1/15

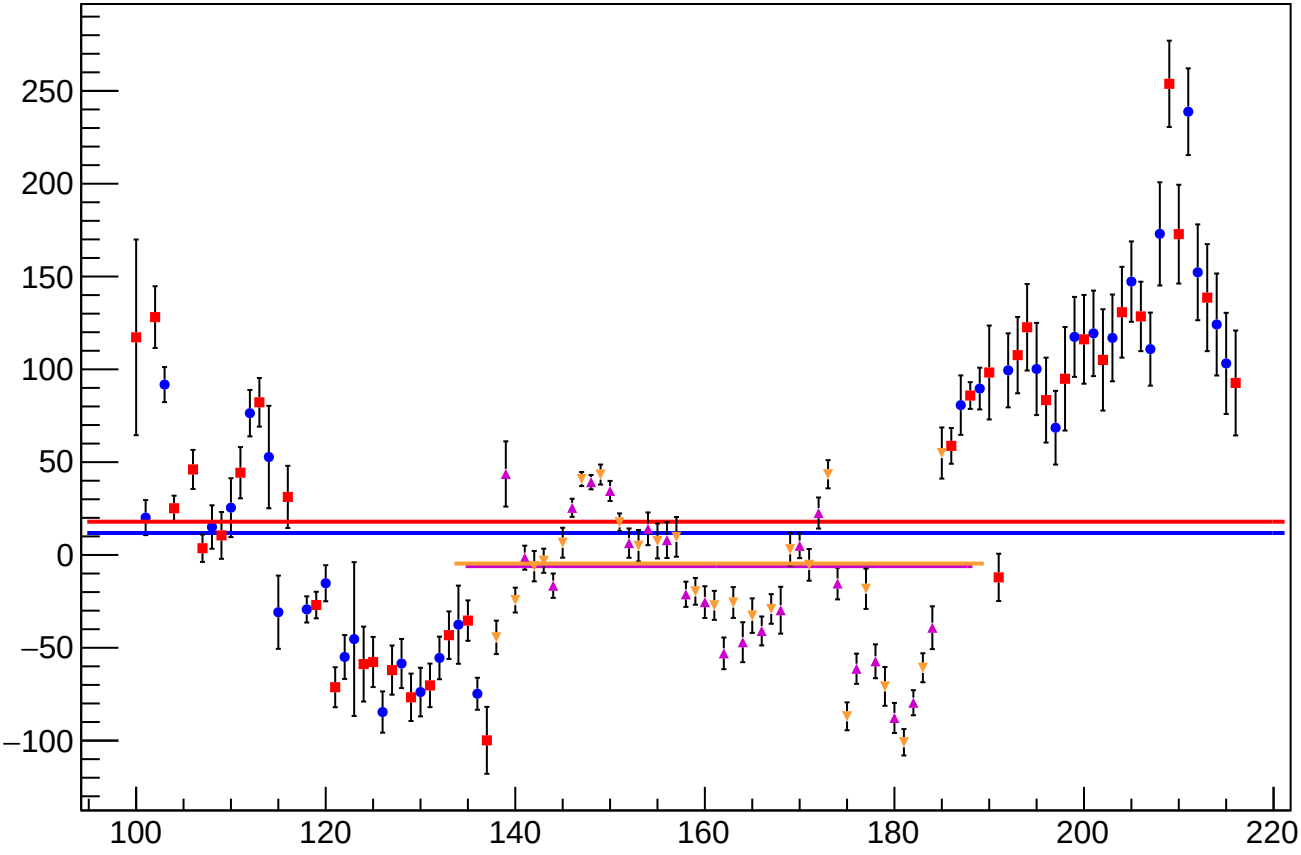
Left In: -393.113+/-2.006 χ^2/NDF:2253.3/22

+ sign -424.655+/-1.736 χ^2/NDF: 5099.4/39

All: -432.310+/-1.209 χ^2/NDF: 13958.9/78

- sign -439.516+/-1.684 χ^2/NDF: 8821.8/38

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 11.836+/-2.488 χ^2/NDF: 891.7/31

Left Out: -4.624+/-1.462 χ^2/NDF:772.9/24

Right Out: 17.916+/-2.208 χ^2/NDF: 901.5/34

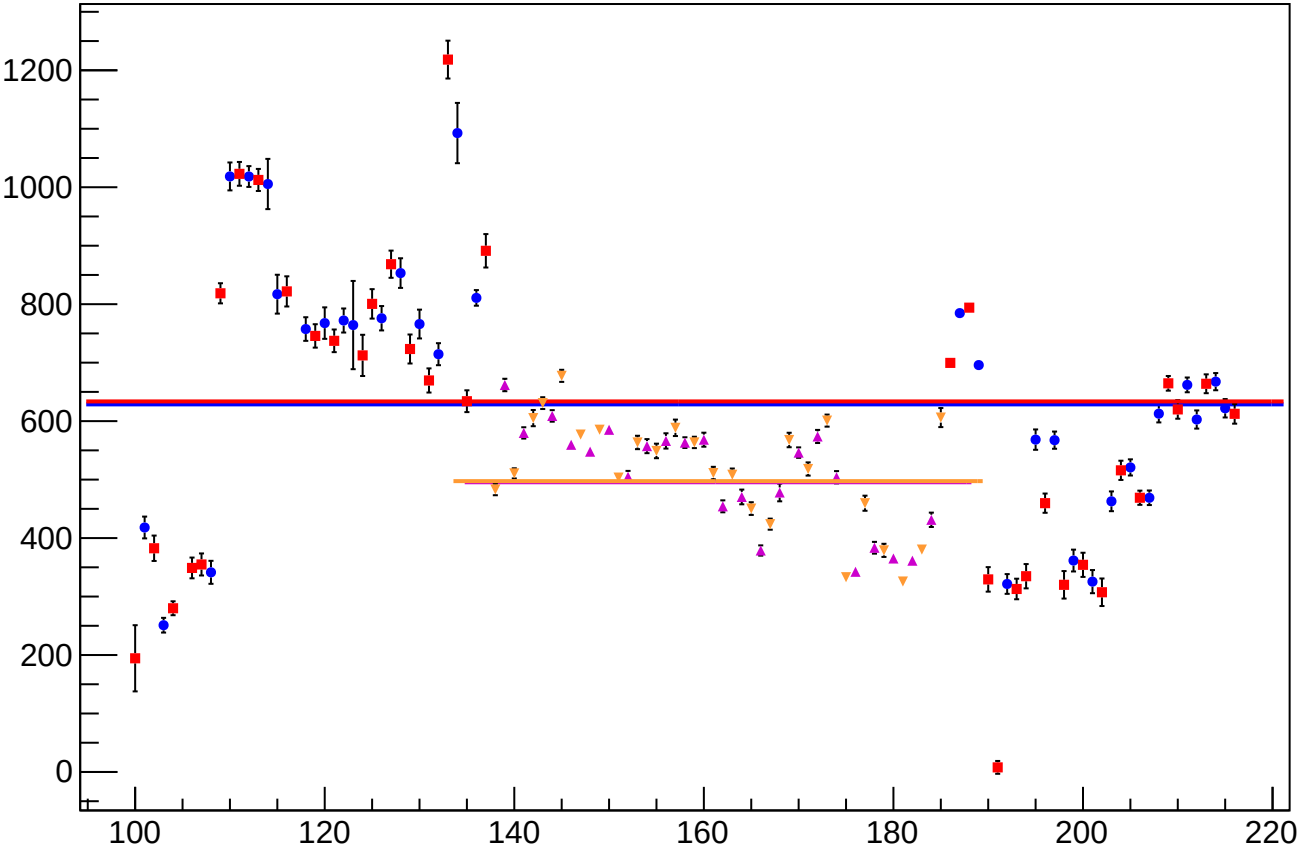
Left In: -6.019+/-1.516 χ^2/NDF:654.1/22

\+ sign -0.397+/-1.261 χ^2/NDF: 1697.2/56

All: 0.636+/-0.888 χ^2/NDF: 3334.0/114

\- sign 1.652+/-1.250 χ^2/NDF: 1635.4/57

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 628.637+/-2.842 χ^2/NDF: 4230.3/31

Left Out: 497.381+/-1.966 χ^2/NDF:2614.6/24

Right Out: 633.714+/-2.349 χ^2/NDF: 9633.9/34

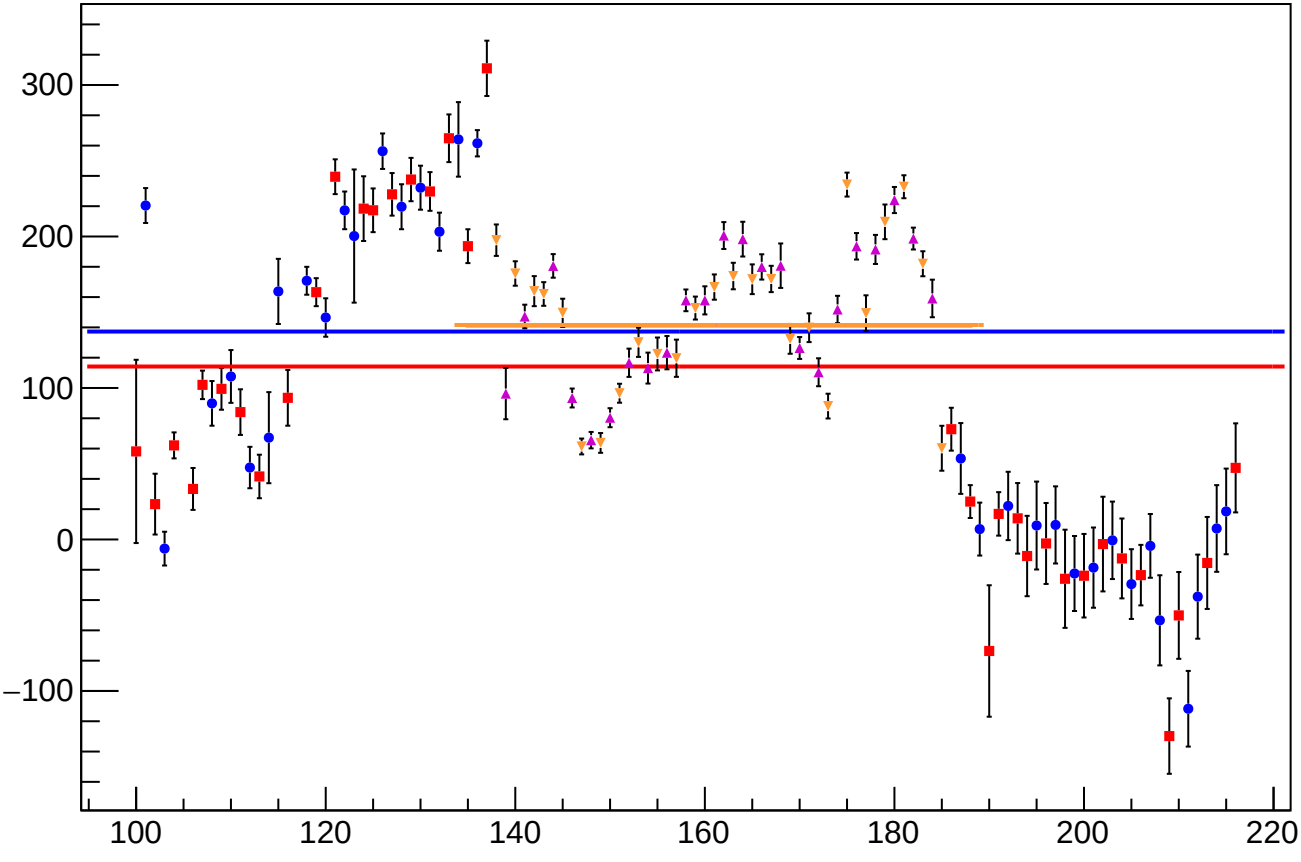
Left In: 495.454+/-1.992 χ^2/NDF:2253.8/22

+ sign 539.864+/-1.617 χ^2/NDF: 8287.7/56

All: 546.996+/-1.107 χ^2/NDF: 22227.1/114

- sign 553.294+/-1.519 χ^2/NDF: 13902.7/57

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 137.253+/-2.887 χ^2/NDF: 1334.9/31

Left Out: 141.588+/-1.698 χ^2/NDF:959.6/24

Right Out: 114.170+/-2.639 χ^2/NDF: 1309.2/34

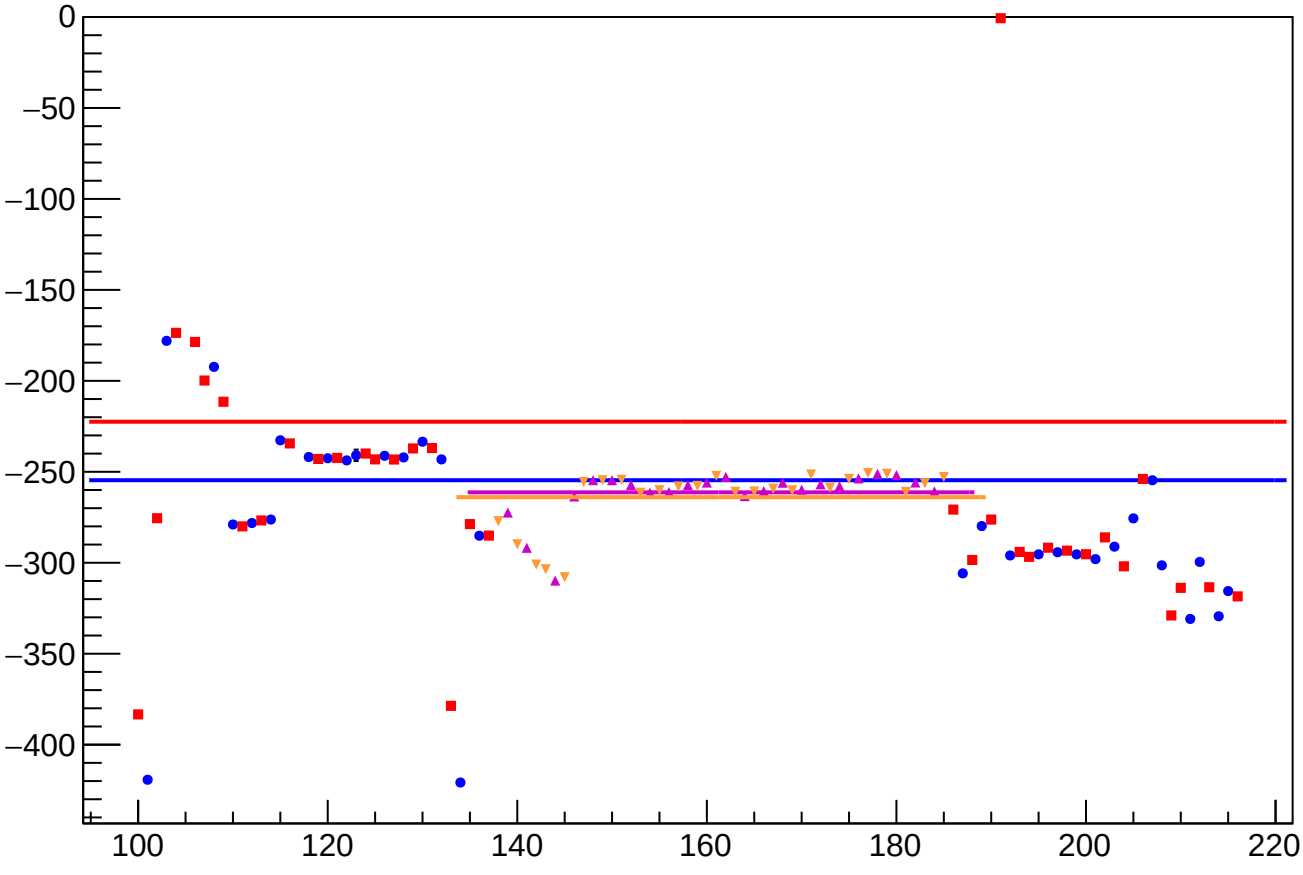
Left In: 141.360+/-1.748 χ^2/NDF:741.2/22

+ sign 140.474+/-1.464 χ^2/NDF: 2296.2/56

All: 136.754+/-1.033 χ^2/NDF: 4433.2/114

- sign 133.068+/-1.457 χ^2/NDF: 2124.2/57

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -254.624+/-0.134 χ^2/NDF: 206876.3/31

Left Out: -263.943+/-0.081 χ^2/NDF:39085.0/24

Right Out: -222.466+/-0.121 χ^2/NDF: 513824.2/34

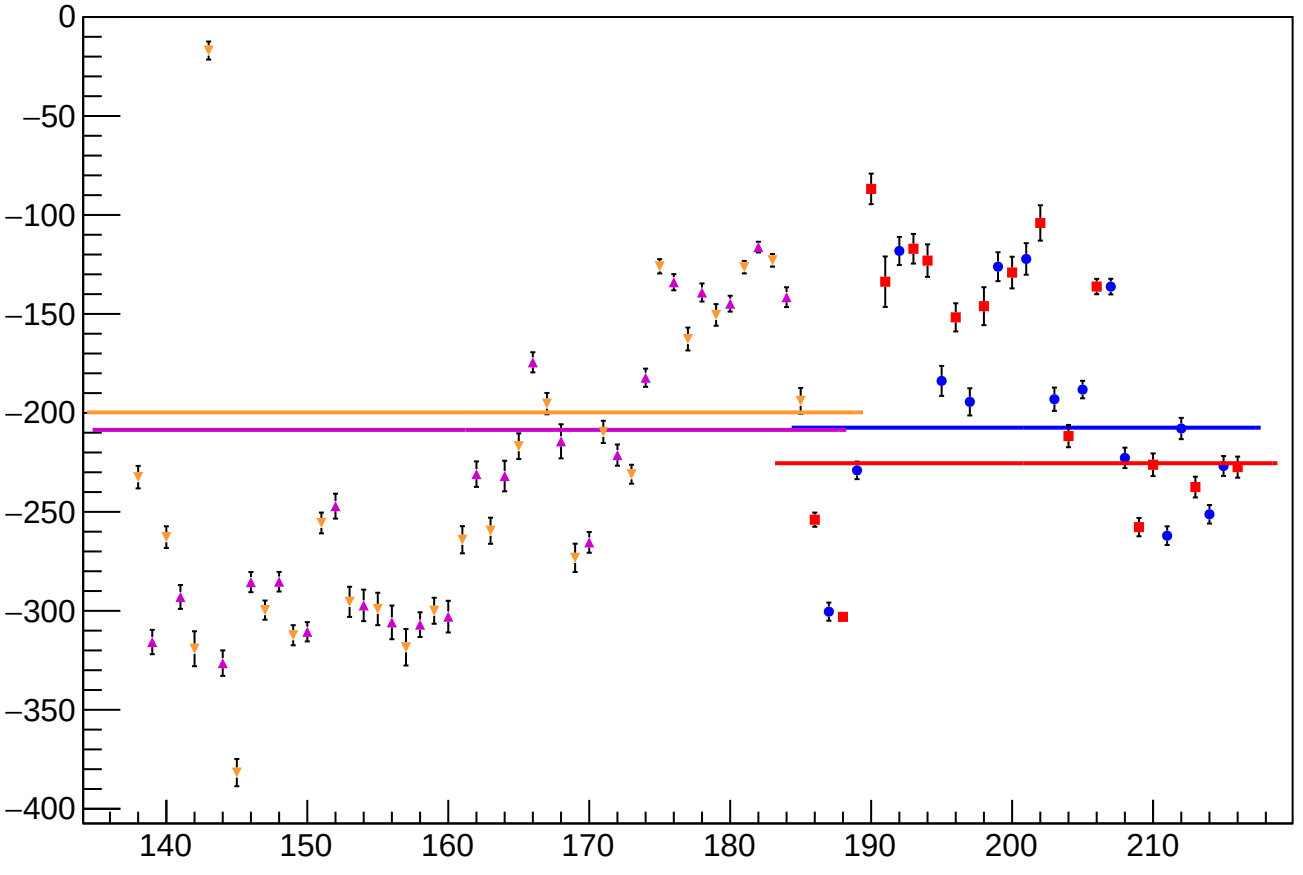
Left In: -261.286+/-0.082 χ^2/NDF:23348.4/22

+ sign -261.447+/-0.070 χ^2/NDF: 249485.4/56

All: -255.124+/-0.049 χ^2/NDF: 873259.6/114

- sign -249.094+/-0.068 χ^2/NDF: 607611.4/57

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -207.467+/-1.364 χ^2/NDF: 1438.1/14

Left Out: -199.741+/-1.061 χ^2/NDF:6361.5/24

Right Out: -225.428+/-1.273 χ^2/NDF: 2970.6/15

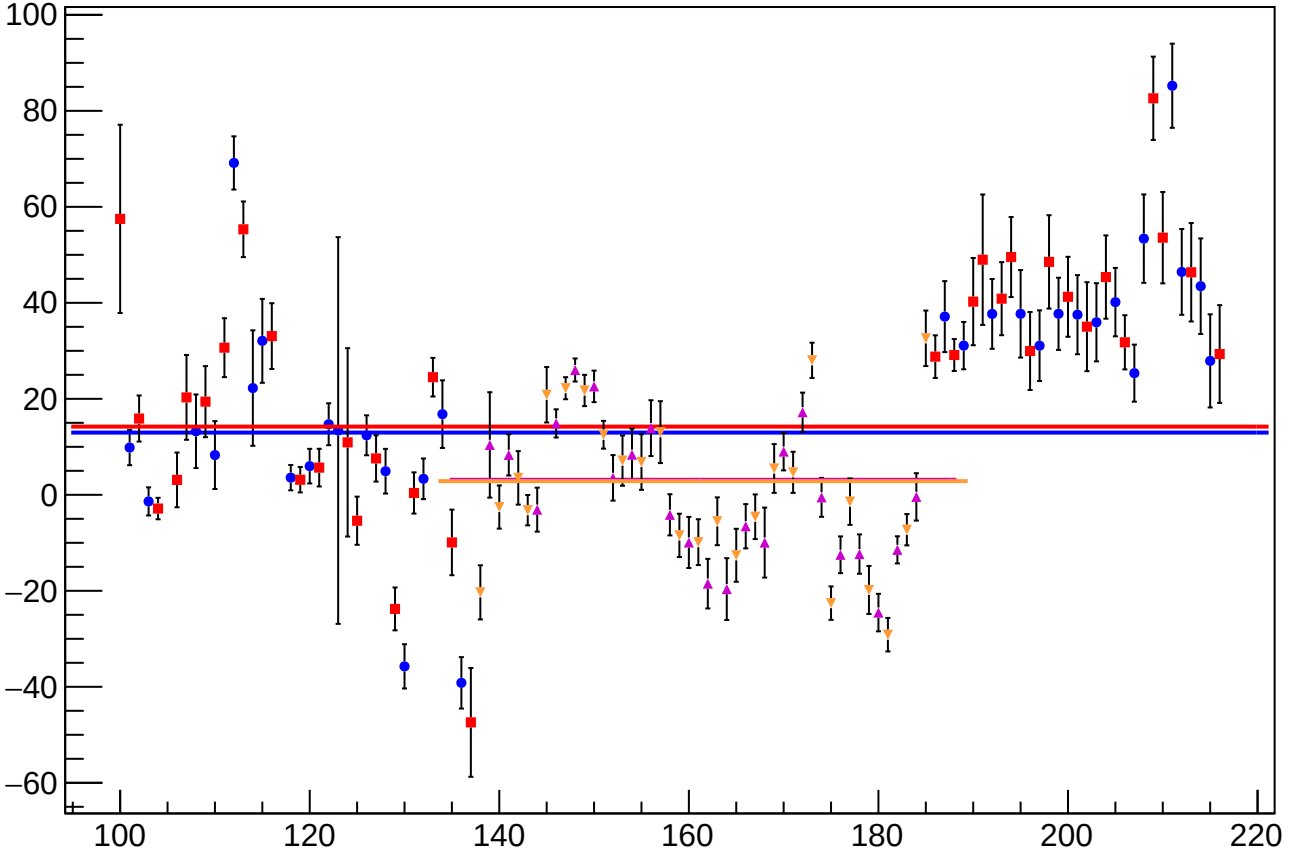
Left In: -208.579+/-1.082 χ^2/NDF:4805.1/22

+ sign -202.654+/-0.838 χ^2/NDF: 7819.6/39

All: -209.252+/-0.588 χ^2/NDF: 15819.2/78

- sign -215.648+/-0.825 χ^2/NDF: 7877.3/38

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 12.969+/-0.963 χ^2/NDF: 573.2/31

Left Out: 2.853+/-0.820 χ^2/NDF:419.8/24

Right Out: 14.211+/-0.911 χ^2/NDF: 525.3/34

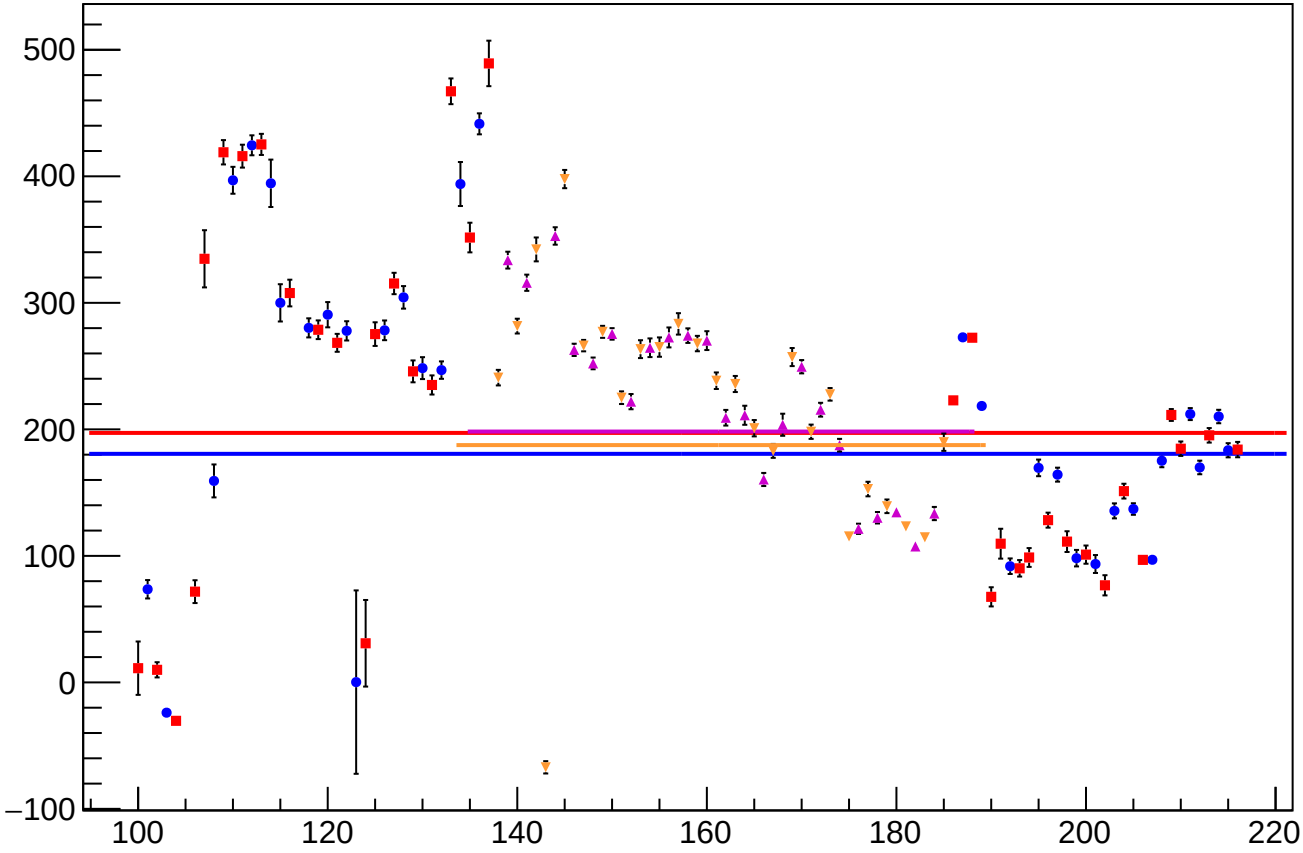
Left In: 3.136+/-0.857 χ^2/NDF:319.8/22

\+ sign 7.103+/-0.624 χ^2/NDF: 1057.0/56

All: 7.717+/-0.441 χ^2/NDF: 1982.5/114

\- sign 8.330+/-0.624 χ^2/NDF: 923.5/57

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 180.652+/-1.083 χ^2/NDF: 8770.1/31

Left Out: 187.565+/-1.066 χ^2/NDF:7082.0/24

Right Out: 197.194+/-0.977 χ^2/NDF: 12149.7/34

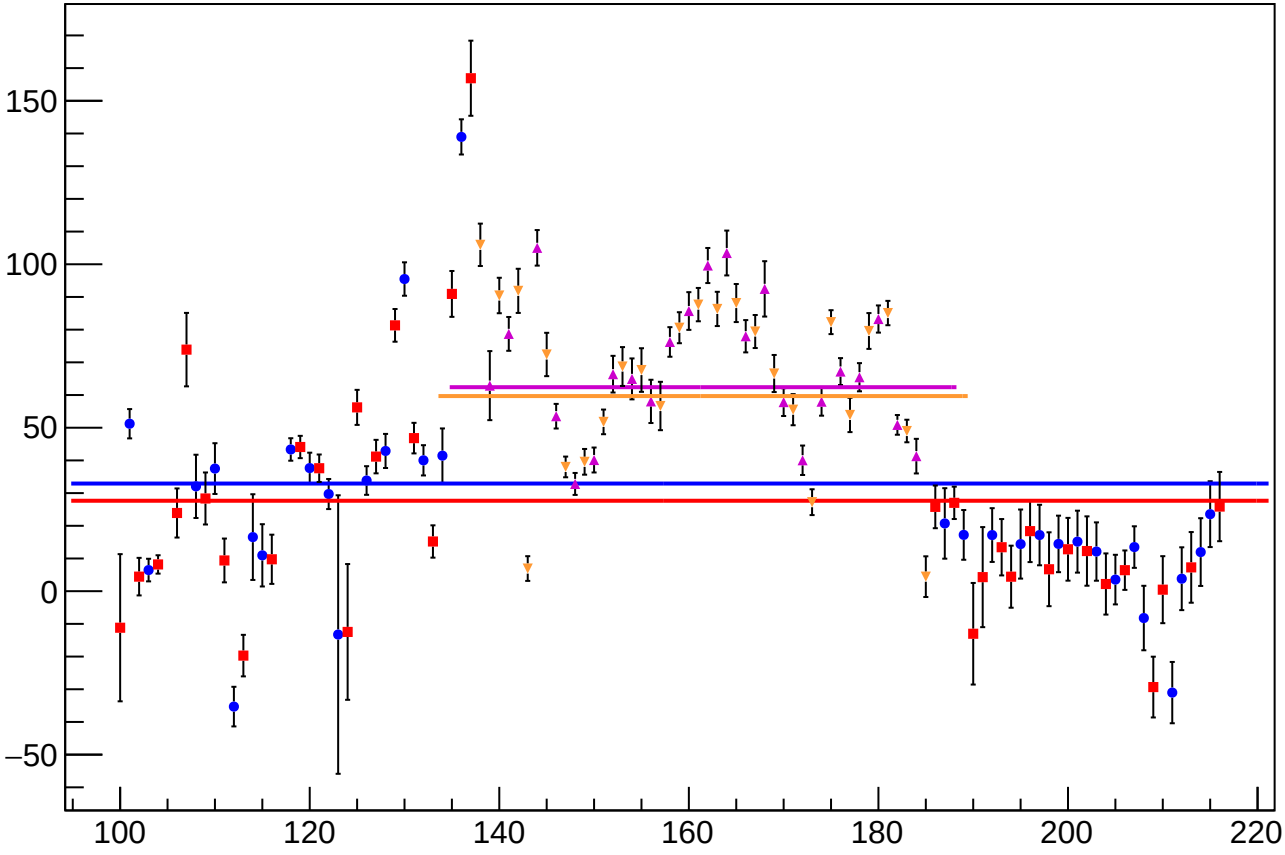
Left In: 198.269+/-1.082 χ^2/NDF:4515.8/22

\+ sign 184.164+/-0.760 χ^2/NDF: 15872.8/56

All: 191.235+/-0.525 χ^2/NDF: 32704.4/114

\- sign 197.677+/-0.725 χ^2/NDF: 16666.0/57

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 32.925+/-1.120 χ^2/NDF: 897.1/31

Left Out: 59.682+/-0.941 χ^2/NDF:757.6/24

Right Out: 27.663+/-1.084 χ^2/NDF: 662.2/34

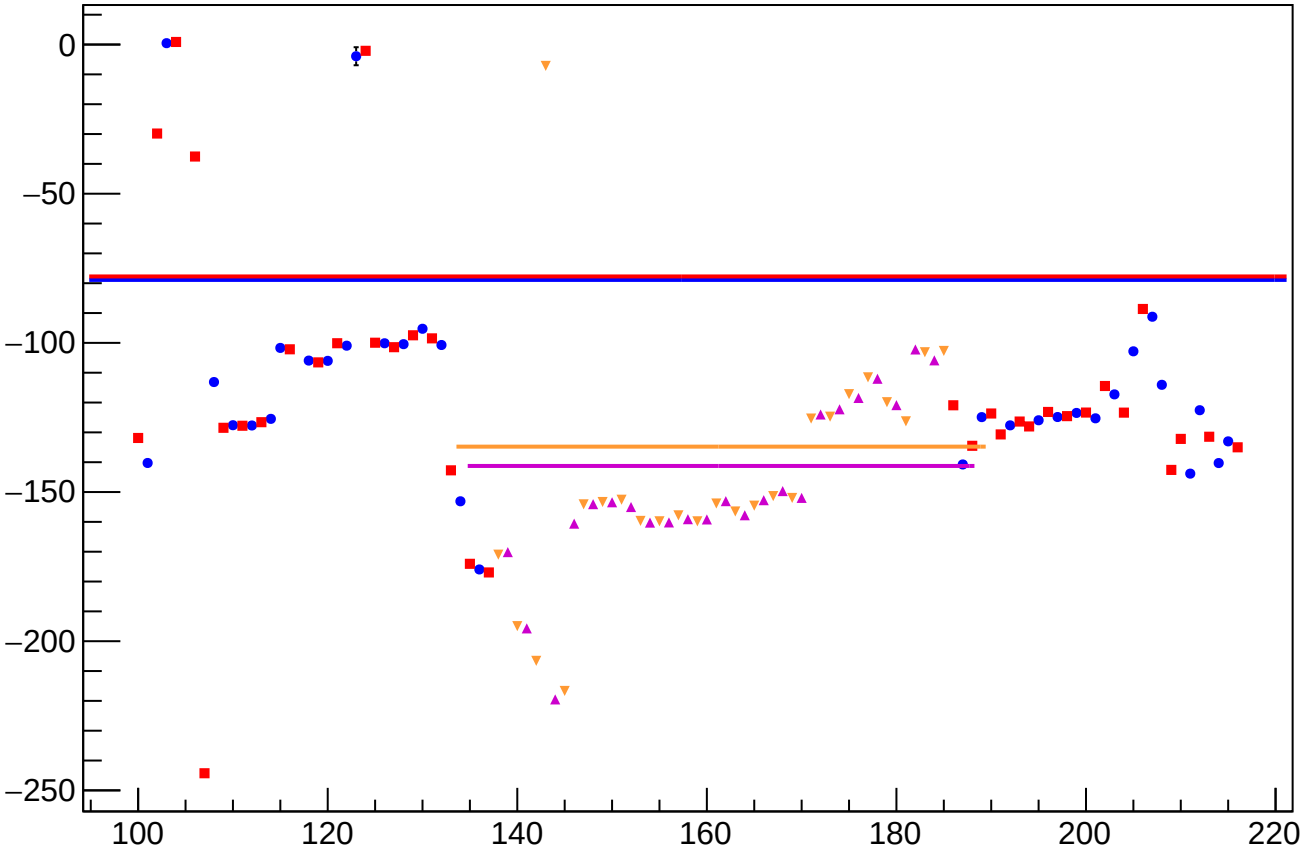
Left In: 62.400+/-0.974 χ^2/NDF:406.3/22

+ sign 48.614+/-0.720 χ^2/NDF: 1989.4/56

All: 47.753+/-0.511 χ^2/NDF: 3628.8/114

- sign 46.881+/-0.725 χ^2/NDF: 1636.6/57

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -78.895+/-0.050 χ^2/NDF: 1469439.8/31

Left Out: -134.780+/-0.045 χ^2/NDF:804747.3/24

Right Out: -77.735+/-0.049 χ^2/NDF: 1452495.5/34

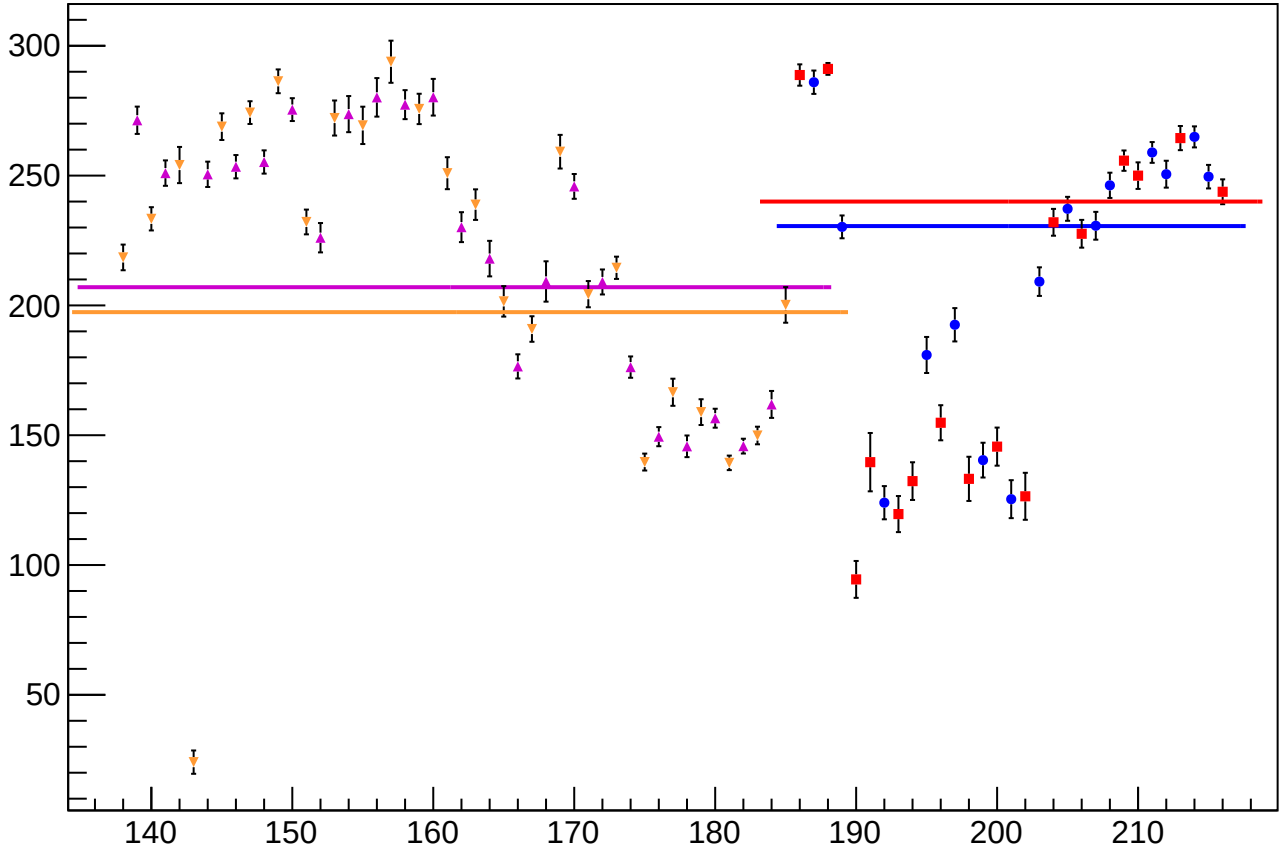
Left In: -141.255+/-0.045 χ^2/NDF:347229.8/22

+ sign -110.195+/-0.033 χ^2/NDF: 2967905.6/56

All: -111.050+/-0.024 χ^2/NDF: 5677965.9/11

- sign -111.900+/-0.033 χ^2/NDF: 2708746.5/57

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 230.557+/-1.315 χ^2/NDF: 1086.0/14

Left Out: 197.408+/-0.963 χ^2/NDF:4384.2/24

Right Out: 240.000+/-1.239 χ^2/NDF: 2357.9/15

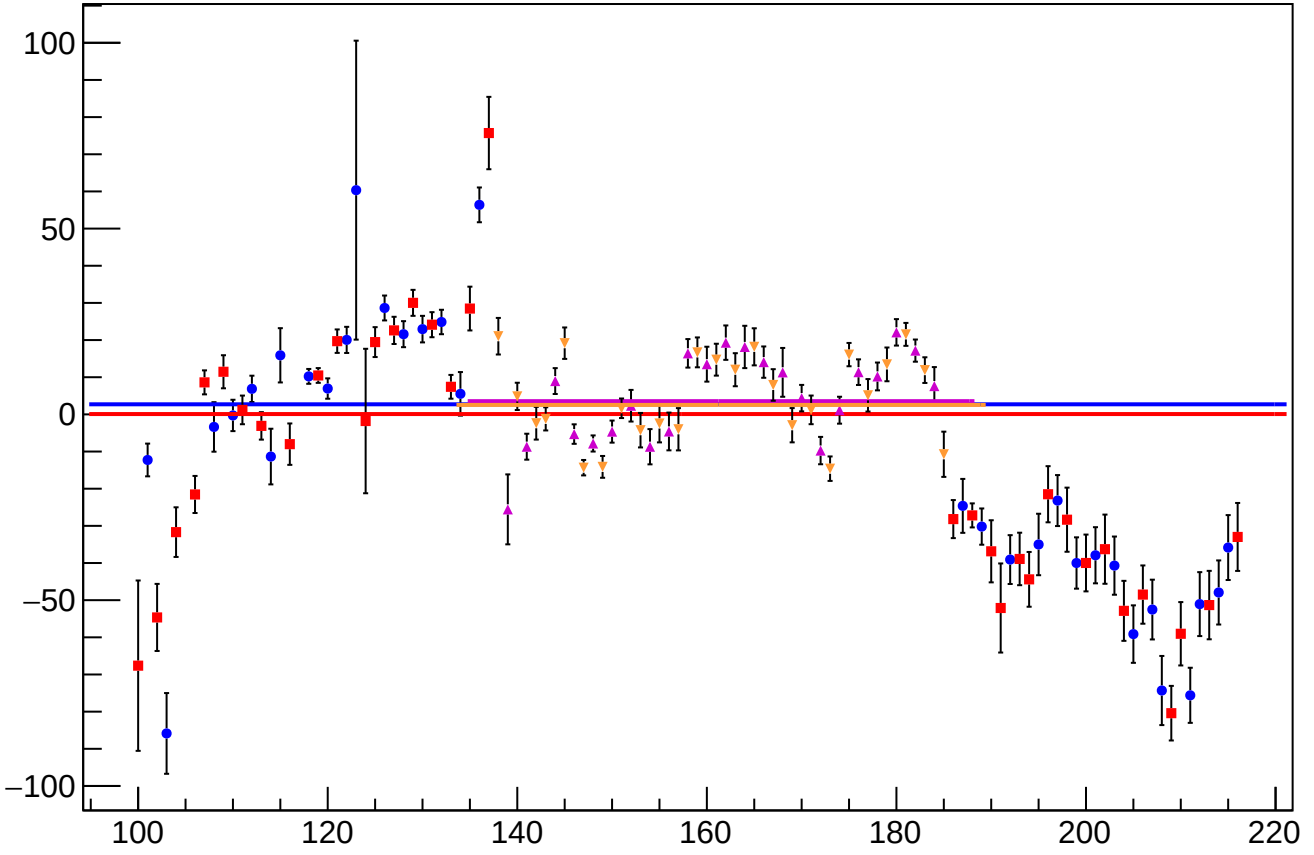
Left In: 207.014+/-0.990 χ^2/NDF:2611.5/22

+ sign 208.976+/-0.777 χ^2/NDF: 5883.7/39

All: 214.446+/-0.548 χ^2/NDF: 11384.3/78

- sign 219.869+/-0.774 χ^2/NDF: 5401.9/38

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 2.712+/-0.841 χ^2/NDF: 1045.9/31

Left Out: 2.548+/-0.741 χ^2/NDF:275.4/24

Right Out: 0.088+/-0.807 χ^2/NDF: 1005.9/34

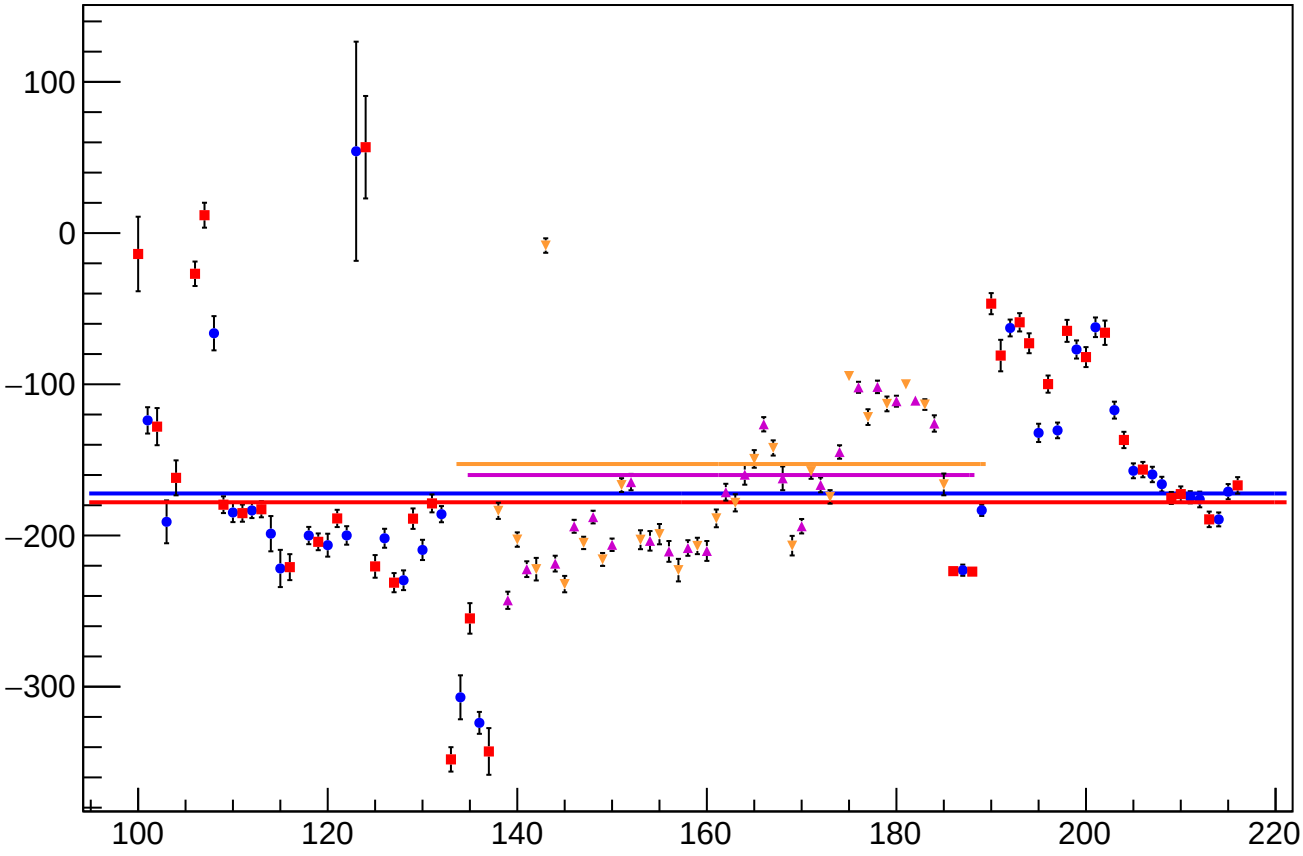
Left In: 3.559+/-0.774 χ^2/NDF:192.0/22

+ sign 2.619+/-0.556 χ^2/NDF: 1321.4/56

All: 2.259+/-0.394 χ^2/NDF: 2529.7/114

- sign 1.896+/-0.559 χ^2/NDF: 1207.5/57

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -172.210+/-1.030 χ^2/NDF: 2248.3/31

Left Out: -152.738+/-0.967 χ^2/NDF:3077.8/24

Right Out: -178.033+/-0.933 χ^2/NDF: 4589.1/34

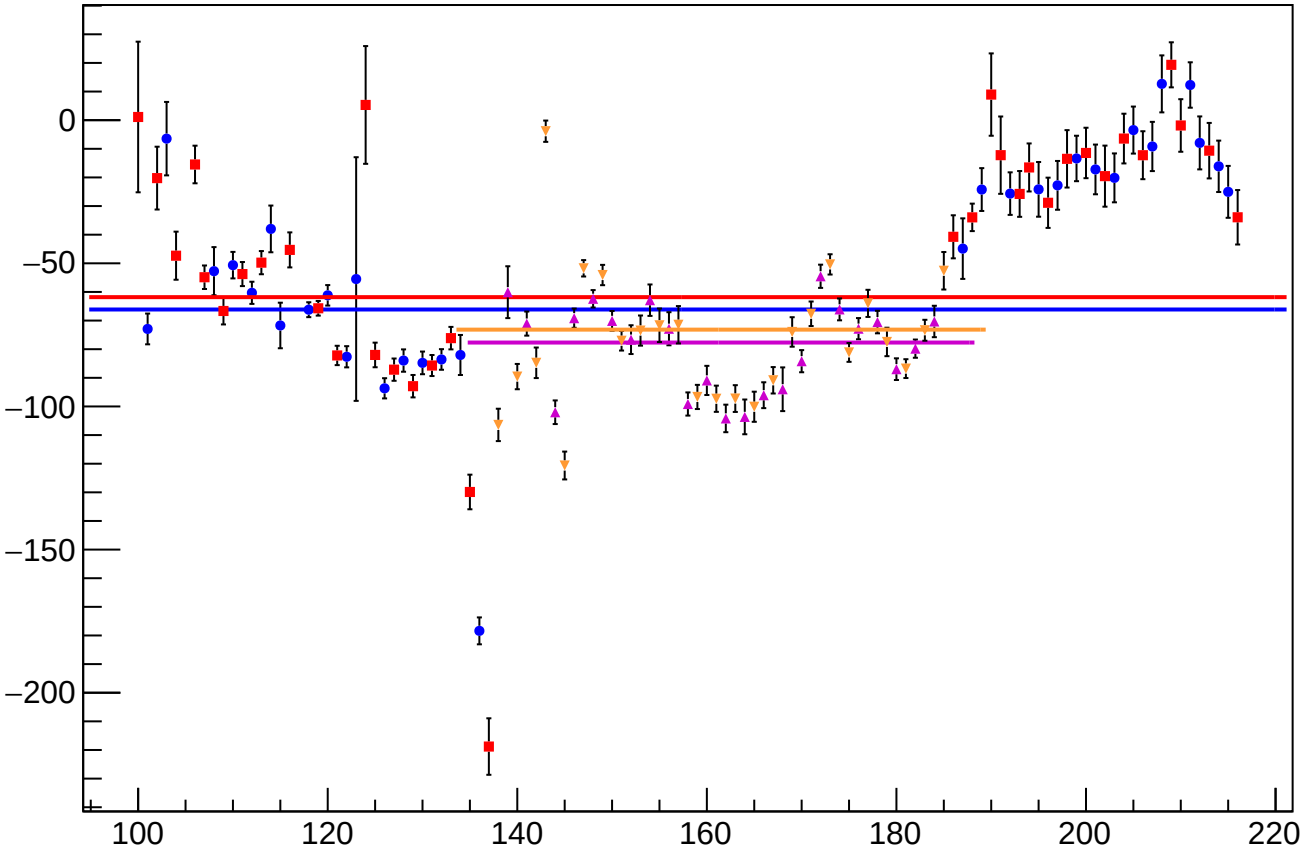
Left In: -160.021+/-0.989 χ^2/NDF:2024.4/22

+ sign -161.859+/-0.705 χ^2/NDF: 5516.0/56

All: -165.852+/-0.489 χ^2/NDF: 12366.9/114

- sign -169.551+/-0.679 χ^2/NDF: 6789.1/57

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -66.132+/-0.974 χ^2/NDF: 1345.4/31

Left Out: -73.165+/-0.851 χ^2/NDF:788.6/24

Right Out: -61.818+/-0.943 χ^2/NDF: 1184.5/34

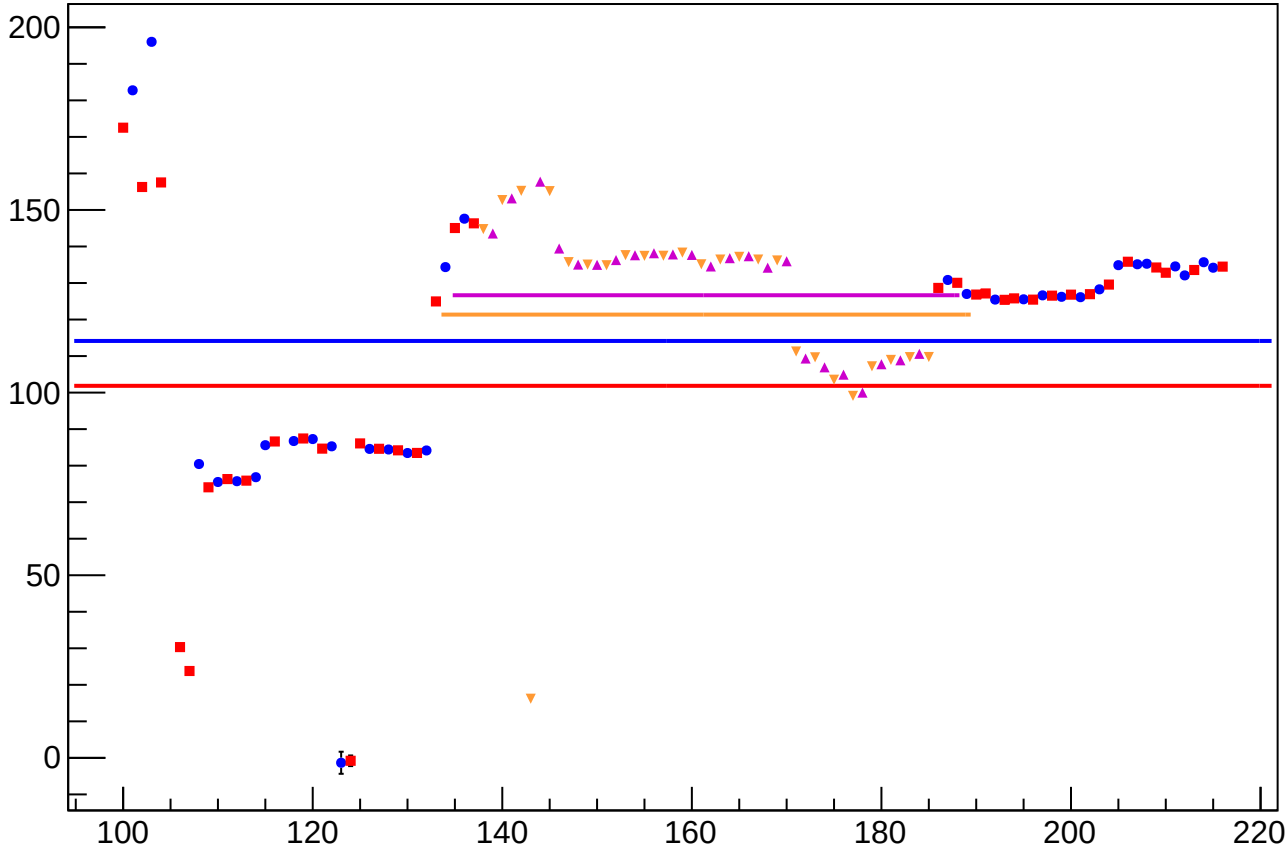
Left In: -77.678+/-0.883 χ^2/NDF:248.3/22

+ sign -70.119+/-0.641 χ^2/NDF: 2163.6/56

All: -70.196+/-0.454 χ^2/NDF: 3747.0/114

- sign -70.273+/-0.645 χ^2/NDF: 1583.4/57

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 114.139+/-0.054 χ^2/NDF: 328174.8/31

Left Out: 121.356+/-0.040 χ^2/NDF:481977.3/24

Right Out: 101.854+/-0.050 χ^2/NDF: 603349.4/34

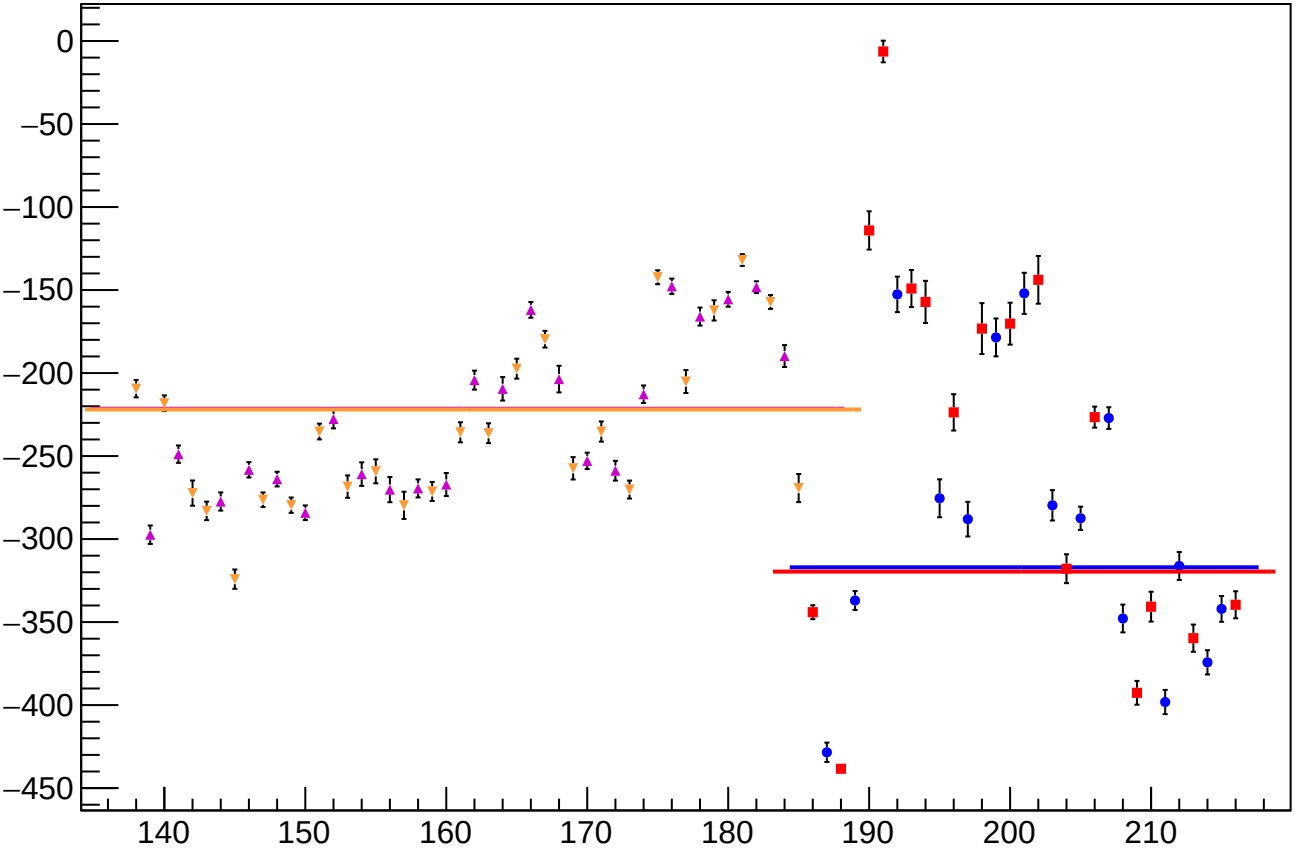
Left In: 126.653+/-0.041 χ^2/NDF:163046.1/22

+ sign 118.782+/-0.032 χ^2/NDF: 821584.4/56

All: 117.698+/-0.023 χ^2/NDF: 1737159.0/114

- sign 116.653+/-0.032 χ^2/NDF: 913365.9/57

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -317.003+/-2.048 χ^2/NDF: 1393.3/14

Left Out: -221.934+/-1.084 χ^2/NDF:2578.4/24

Right Out: -319.586+/-1.731 χ^2/NDF: 5397.9/15

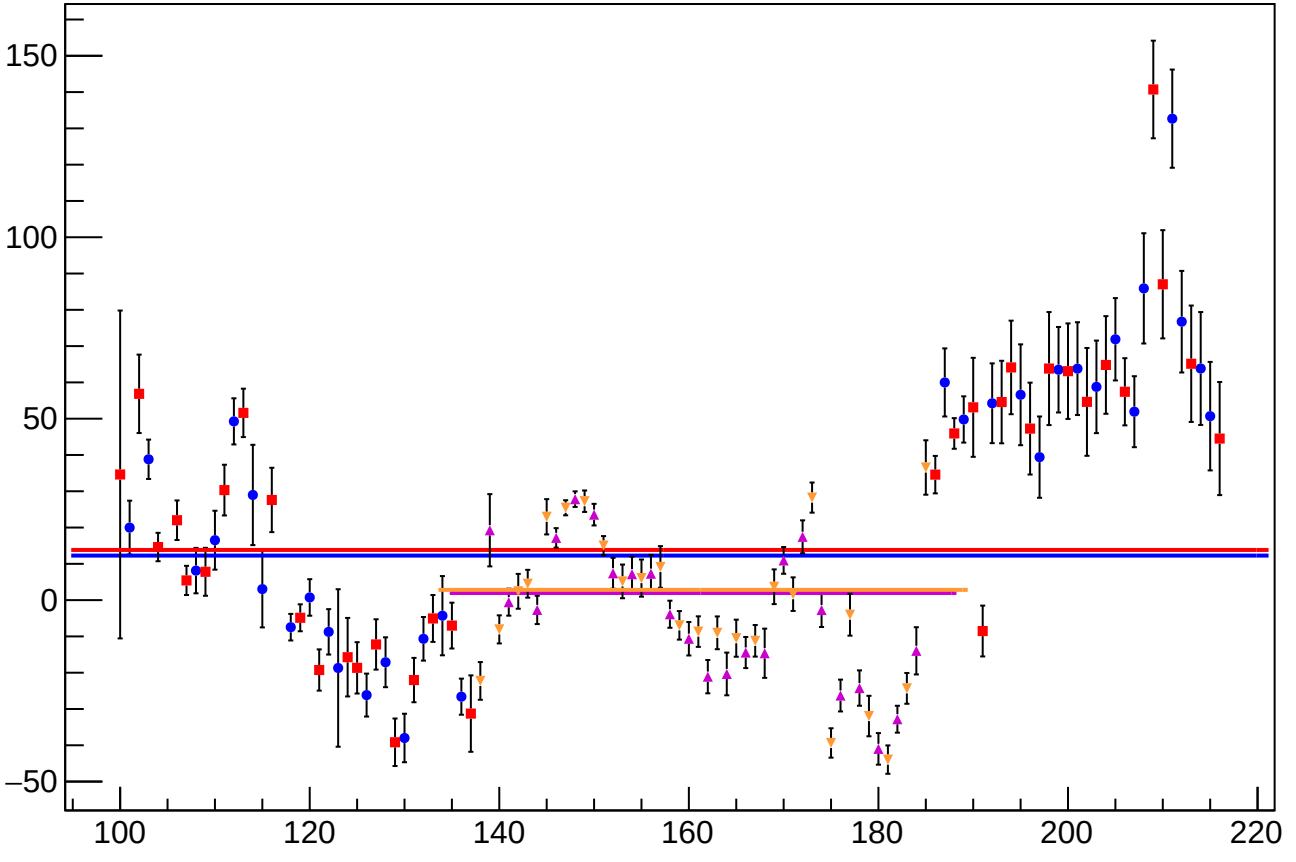
Left In: -221.483+/-1.102 χ^2/NDF:2149.8/22

+ sign -242.757+/-0.958 χ^2/NDF: 5655.0/39

All: -246.377+/-0.667 χ^2/NDF: 15515.8/78

- sign -249.785+/-0.930 χ^2/NDF: 9833.1/38

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 12.273+/-1.360 χ^2/NDF: 629.3/31

Left Out: 2.832+/-0.807 χ^2/NDF:686.9/24

Right Out: 13.828+/-1.196 χ^2/NDF: 626.5/34

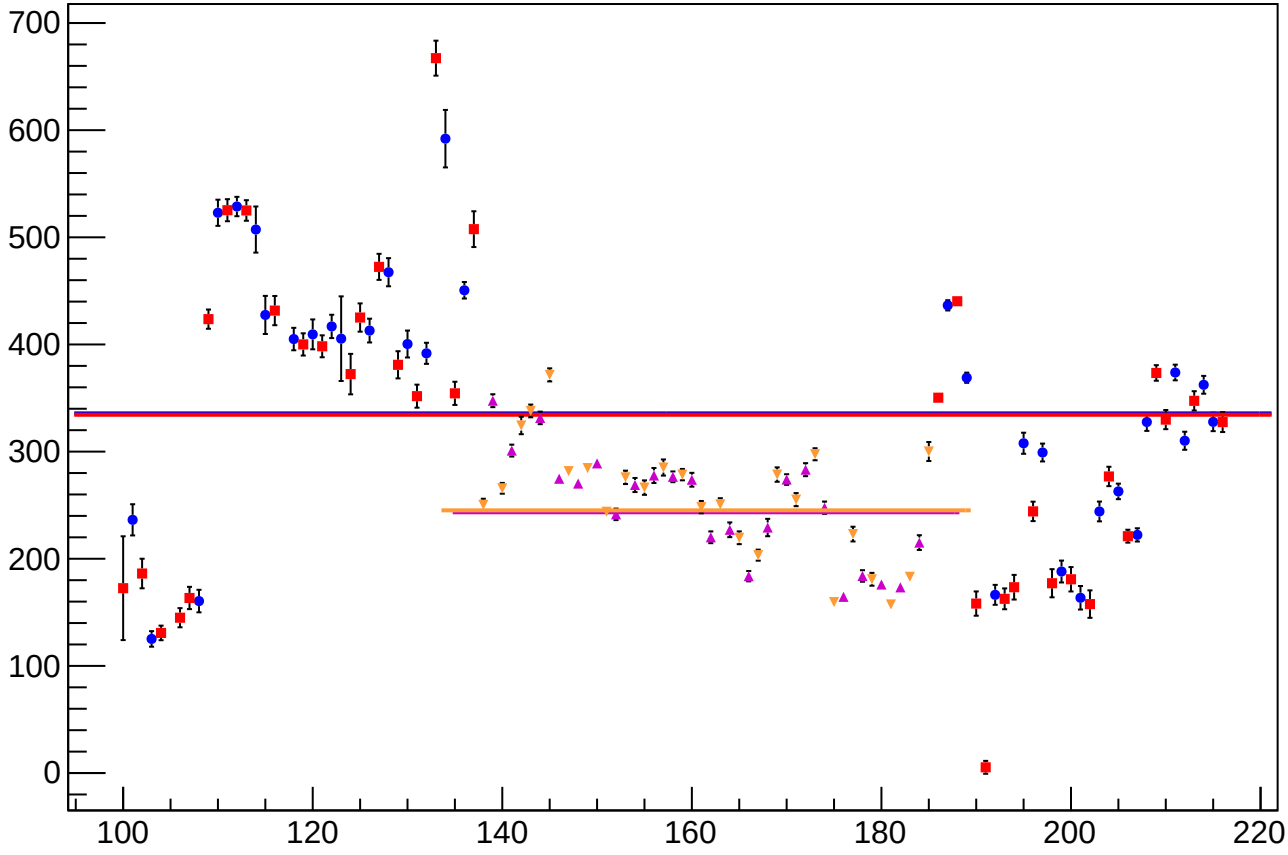
Left In: 1.969+/-0.835 χ^2/NDF:589.1/22

+ sign 5.291+/-0.694 χ^2/NDF: 1351.9/56

All: 5.575+/-0.487 χ^2/NDF: 2633.8/114

- sign 5.852+/-0.685 χ^2/NDF: 1281.7/57

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 335.686+/-1.575 χ^2/NDF: 4485.5/31

Left Out: 245.179+/-1.082 χ^2/NDF:2597.4/24

Right Out: 334.400+/-1.303 χ^2/NDF: 10100.1/34

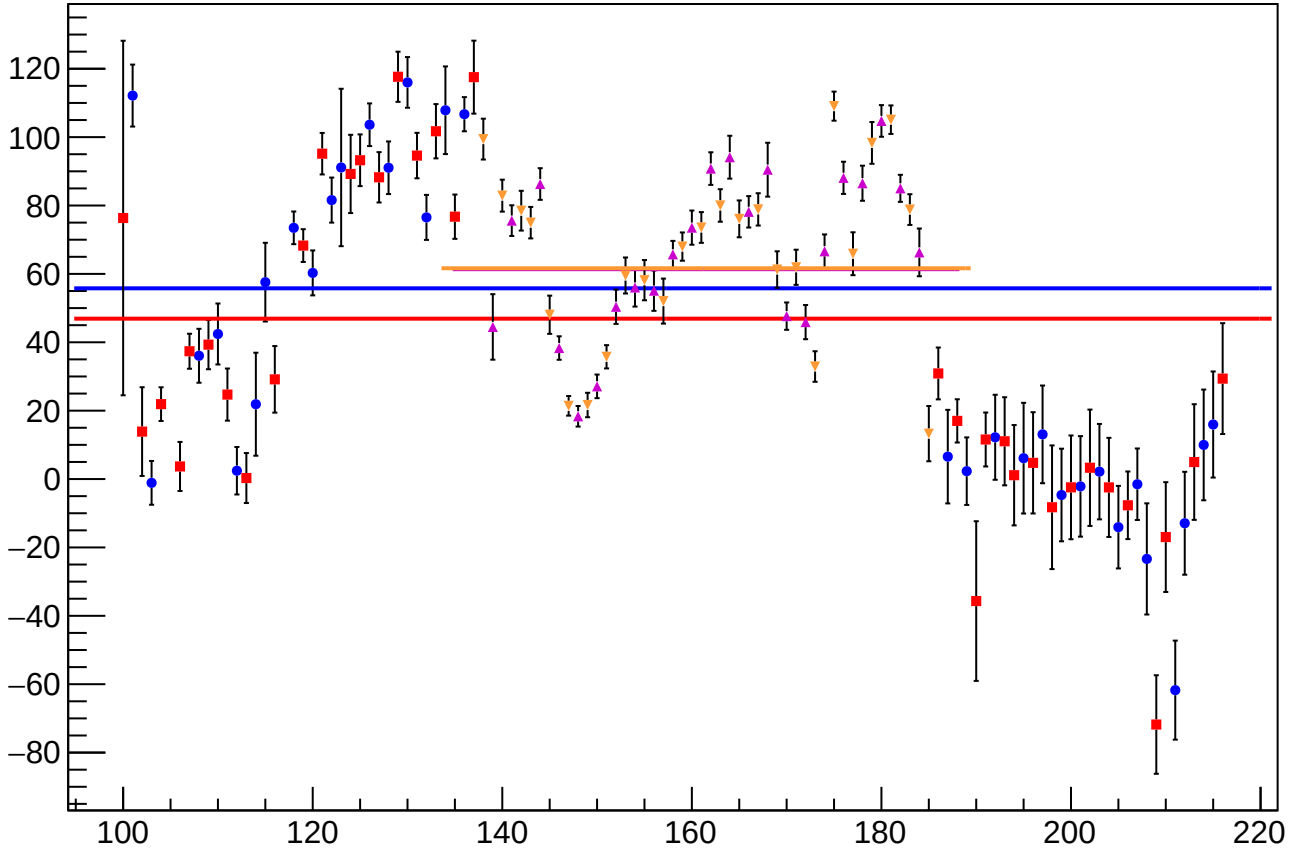
Left In: 243.366+/-1.094 χ^2/NDF:2236.7/22

+ sign 274.192+/-0.892 χ^2/NDF: 9325.7/56

All: 277.808+/-0.611 χ^2/NDF: 24557.6/114

- sign 280.997+/-0.838 χ^2/NDF: 15201.0/57

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 55.780+/-1.576 χ^2/NDF: 809.9/31

Left Out: 61.647+/-0.936 χ^2/NDF:871.5/24

Right Out: 46.908+/-1.425 χ^2/NDF: 793.5/34

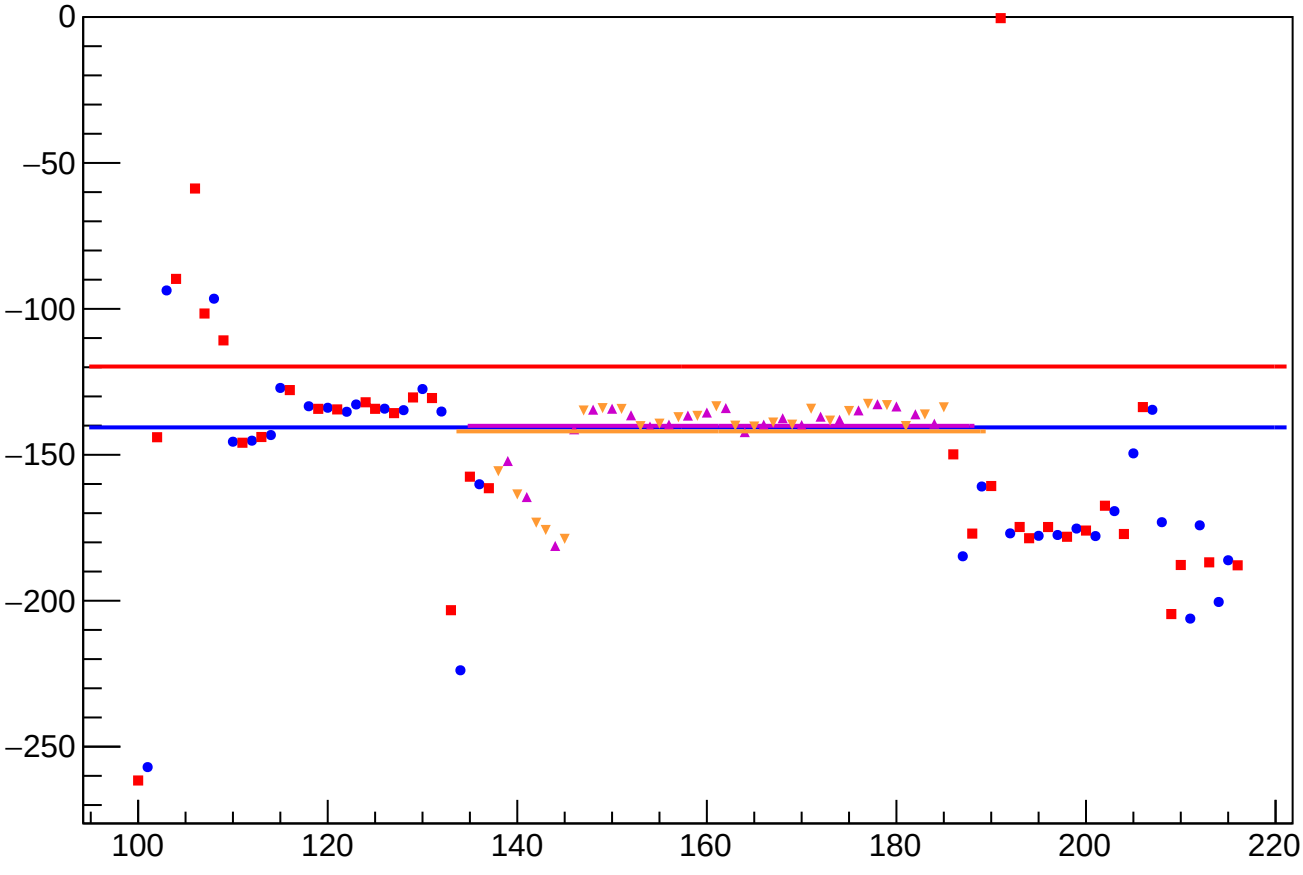
Left In: 61.375+/-0.961 χ^2/NDF:699.7/22

+ sign 60.116+/-0.805 χ^2/NDF: 1691.7/56

All: 58.469+/-0.566 χ^2/NDF: 3264.0/114

- sign 56.854+/-0.797 χ^2/NDF: 1564.0/57

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -140.606+/-0.075 χ^2/NDF: 256192.8/31

Left Out: -141.969+/-0.045 χ^2/NDF:80252.6/24

Right Out: -119.752+/-0.066 χ^2/NDF: 646158.2/34

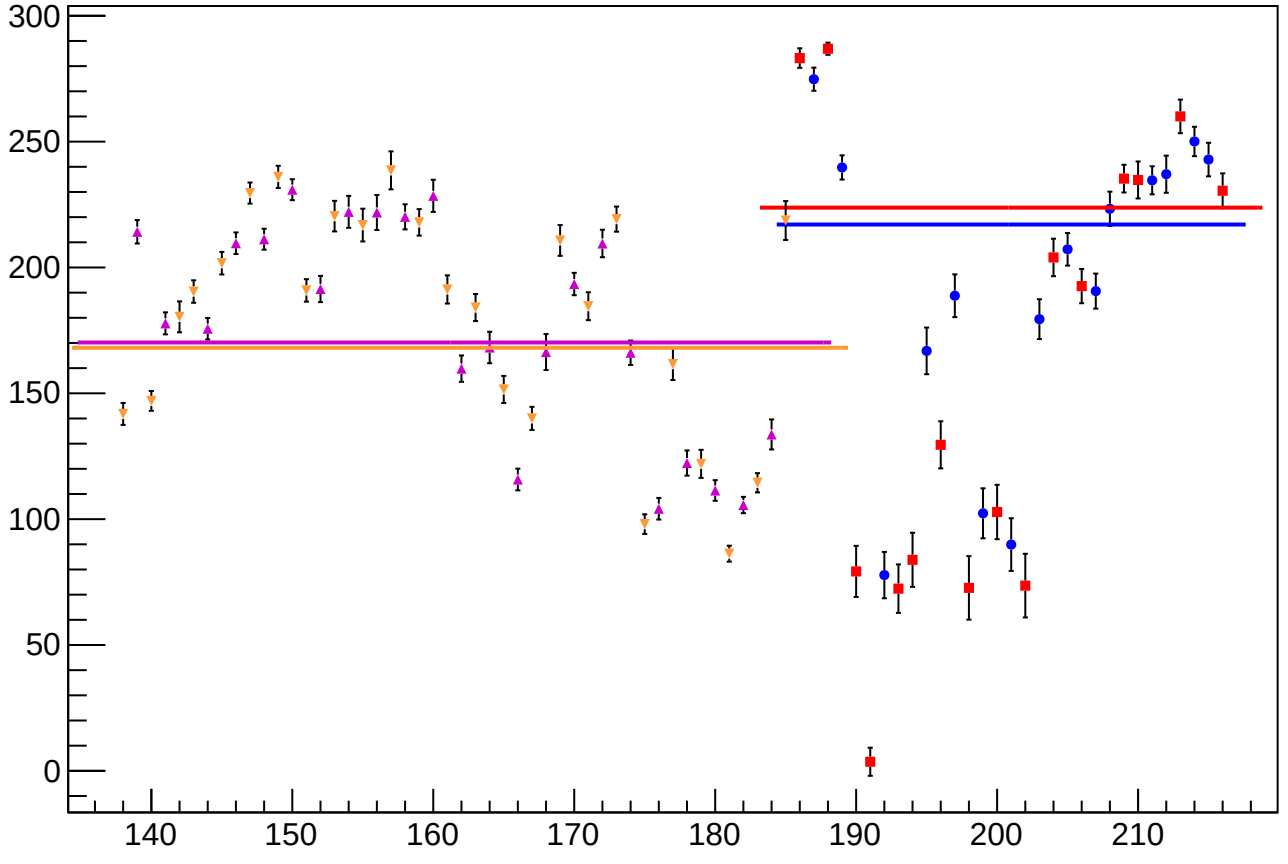
Left In: -140.068+/-0.045 χ^2/NDF:48030.7/22

+ sign -141.609+/-0.038 χ^2/NDF: 336691.1/56

All: -137.532+/-0.027 χ^2/NDF: 1116951.6/11

- sign -133.680+/-0.037 χ^2/NDF: 758268.1/57

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 217.070+/-1.737 χ^2/NDF: 834.9/14

Left Out: 168.106+/-0.970 χ^2/NDF:2468.8/24

Right Out: 223.781+/-1.464 χ^2/NDF: 3669.4/15

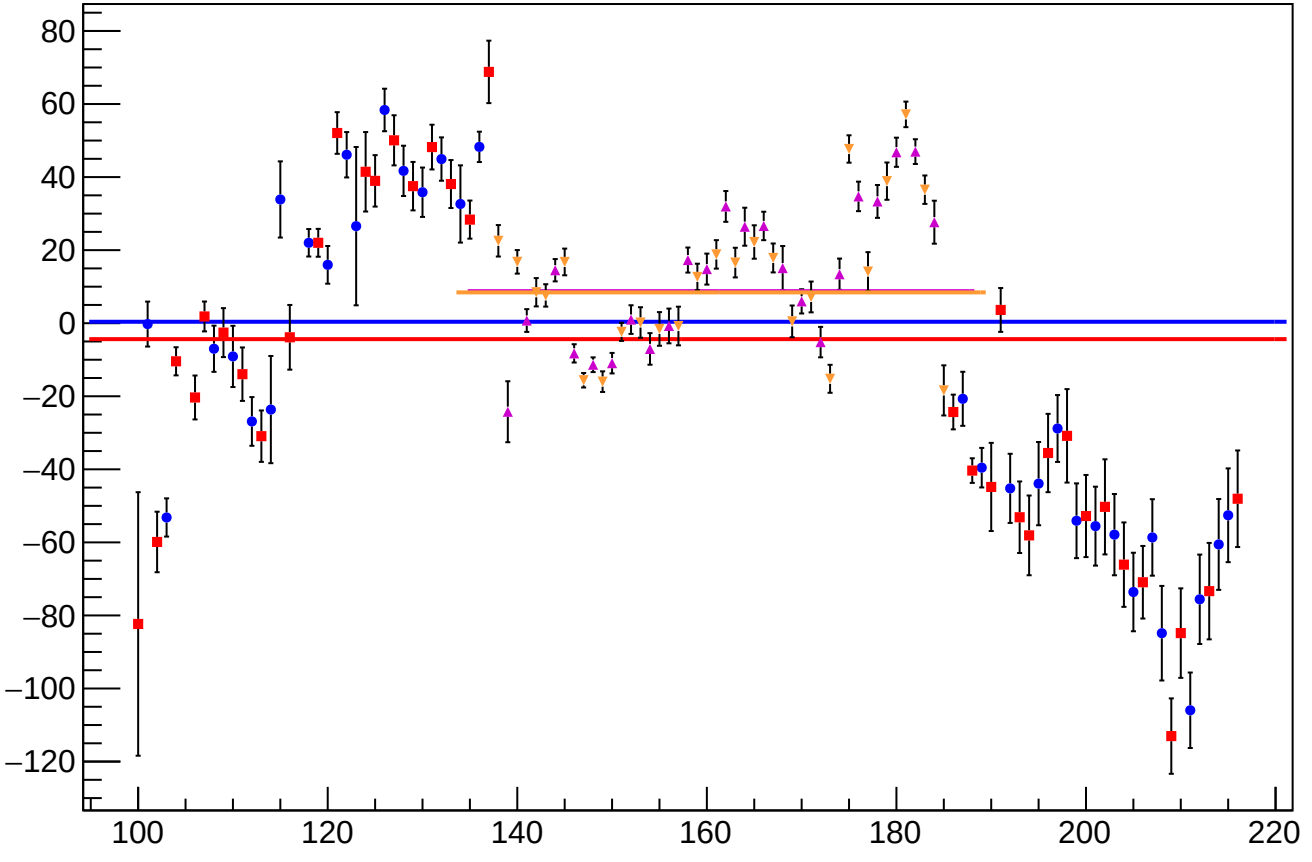
Left In: 170.198+/-0.995 χ^2/NDF:2024.5/22

+ sign 179.751+/-0.847 χ^2/NDF: 3909.4/39

All: 183.550+/-0.590 χ^2/NDF: 10558.5/78

- sign 187.138+/-0.823 χ^2/NDF: 6610.0/38

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 0.395+/-1.286 χ^2/NDF: 1098.1/31

Left Out: 8.436+/-0.728 χ^2/NDF:752.0/24

Right Out: -4.362+/-1.135 χ^2/NDF: 1112.9/34

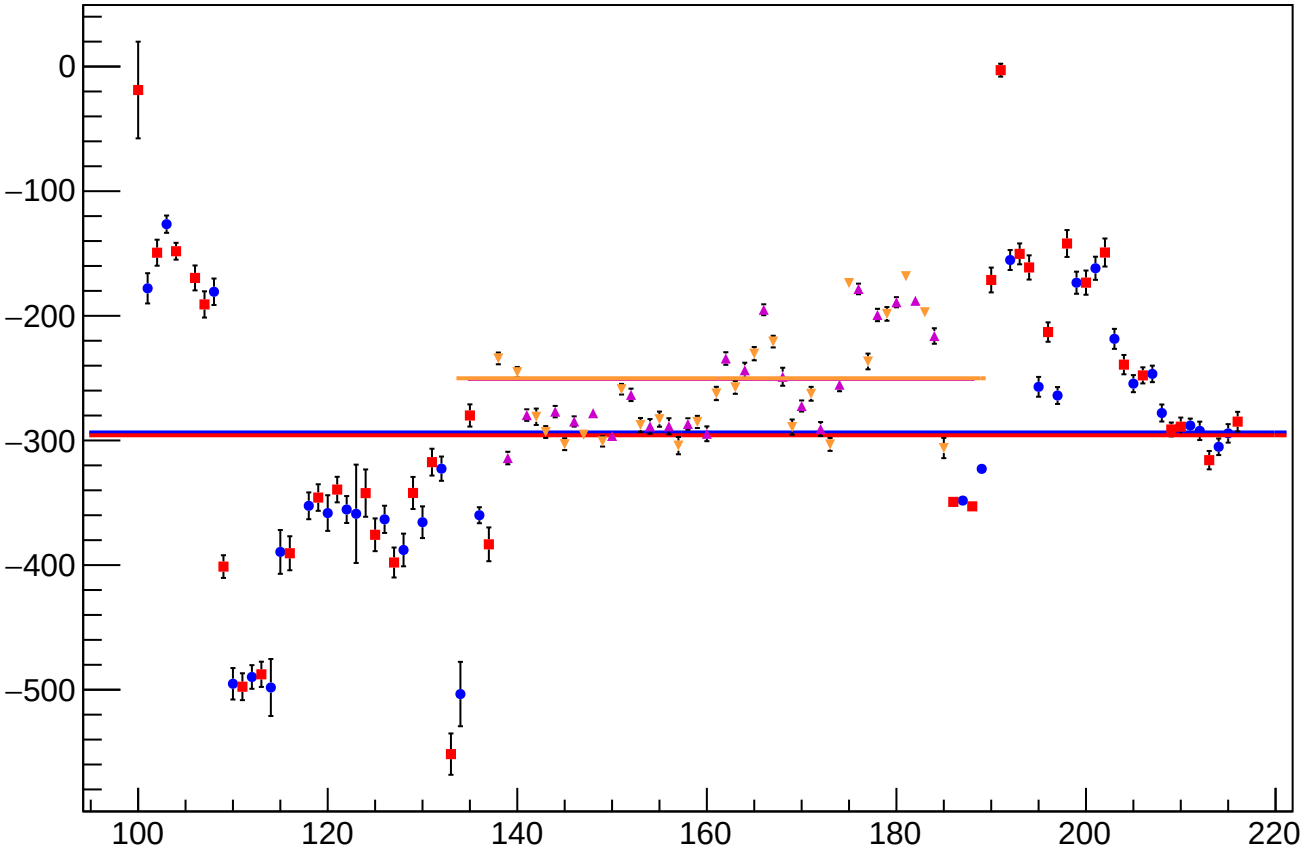
Left In: 8.769+/-0.758 χ^2/NDF:626.8/22

+ sign 6.485+/-0.634 χ^2/NDF: 1879.8/56

All: 5.597+/-0.447 χ^2/NDF: 3715.9/114

- sign 4.717+/-0.631 χ^2/NDF: 1832.2/57

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -293.588+/-1.385 χ^2/NDF: 3135.1/31

Left Out: -250.119+/-0.972 χ^2/NDF:2246.9/24

Right Out: -295.855+/-1.140 χ^2/NDF: 8120.8/34

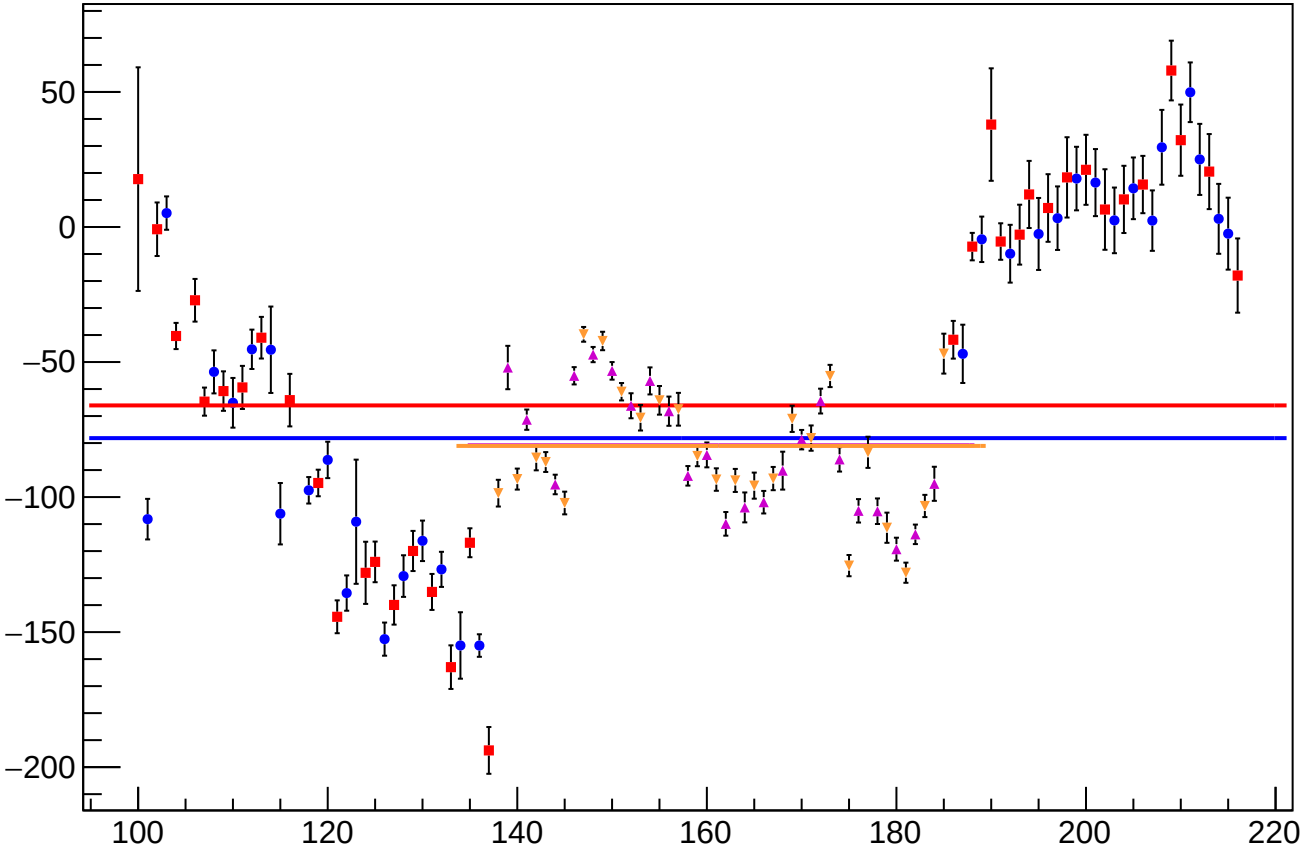
Left In: -250.628+/-0.990 χ^2/NDF:1937.1/22

+ sign -264.476+/-0.796 χ^2/NDF: 6042.2/56

All: -267.456+/-0.545 χ^2/NDF: 17023.7/114

- sign -270.087+/-0.748 χ^2/NDF: 10955.1/57

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -78.176+/-1.489 χ^2/NDF: 1806.0/31

Left Out: -81.057+/-0.843 χ^2/NDF:913.0/24

Right Out: -66.066+/-1.356 χ^2/NDF: 1902.3/34

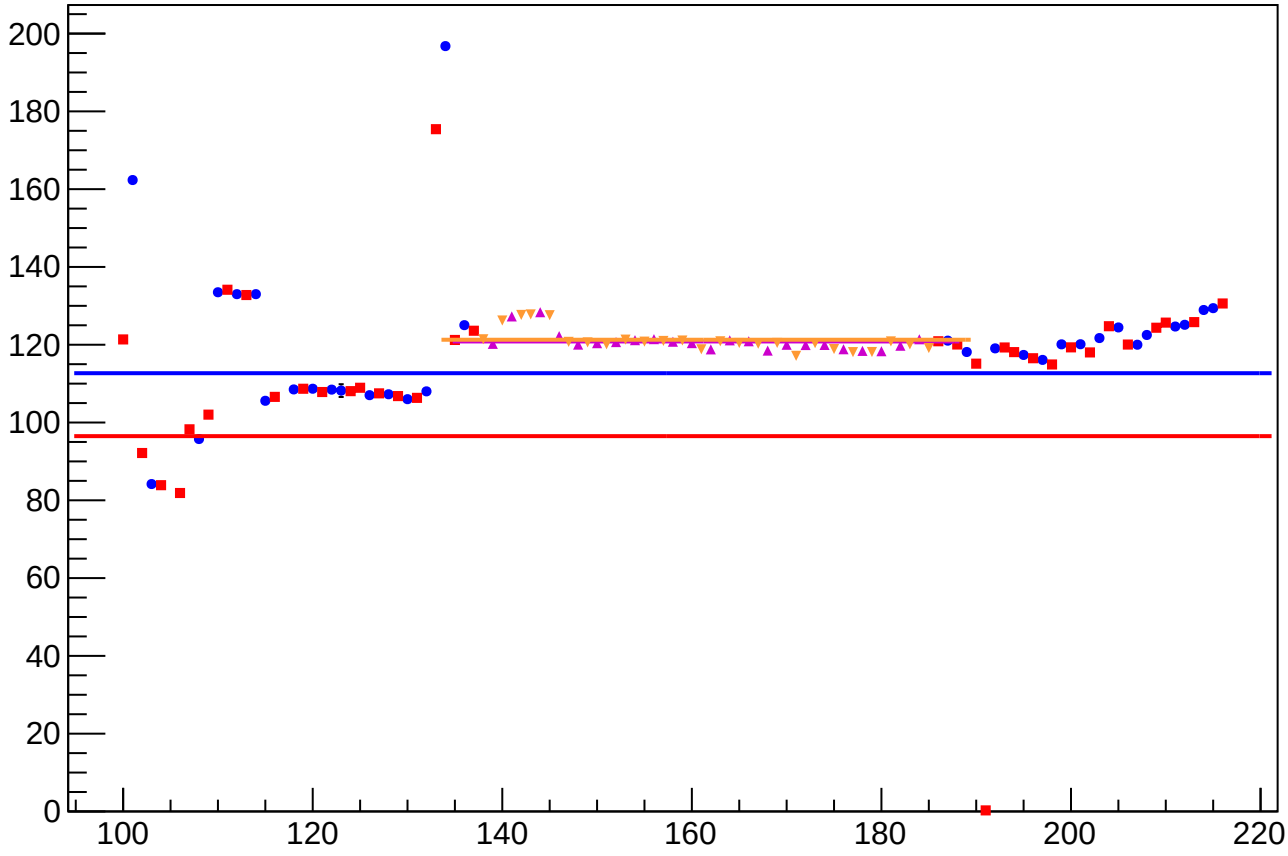
Left In: -80.834+/-0.872 χ^2/NDF:693.1/22

+ sign -80.358+/-0.734 χ^2/NDF: 2721.9/56

All: -78.436+/-0.519 χ^2/NDF: 5414.9/114

- sign -76.515+/-0.733 χ^2/NDF: 2679.3/57

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 112.681+/-0.069 χ^2/NDF: 81126.4/31

Left Out: 121.283+/-0.040 χ^2/NDF:4939.3/24

Right Out: 96.498+/-0.061 χ^2/NDF: 372794.2/34

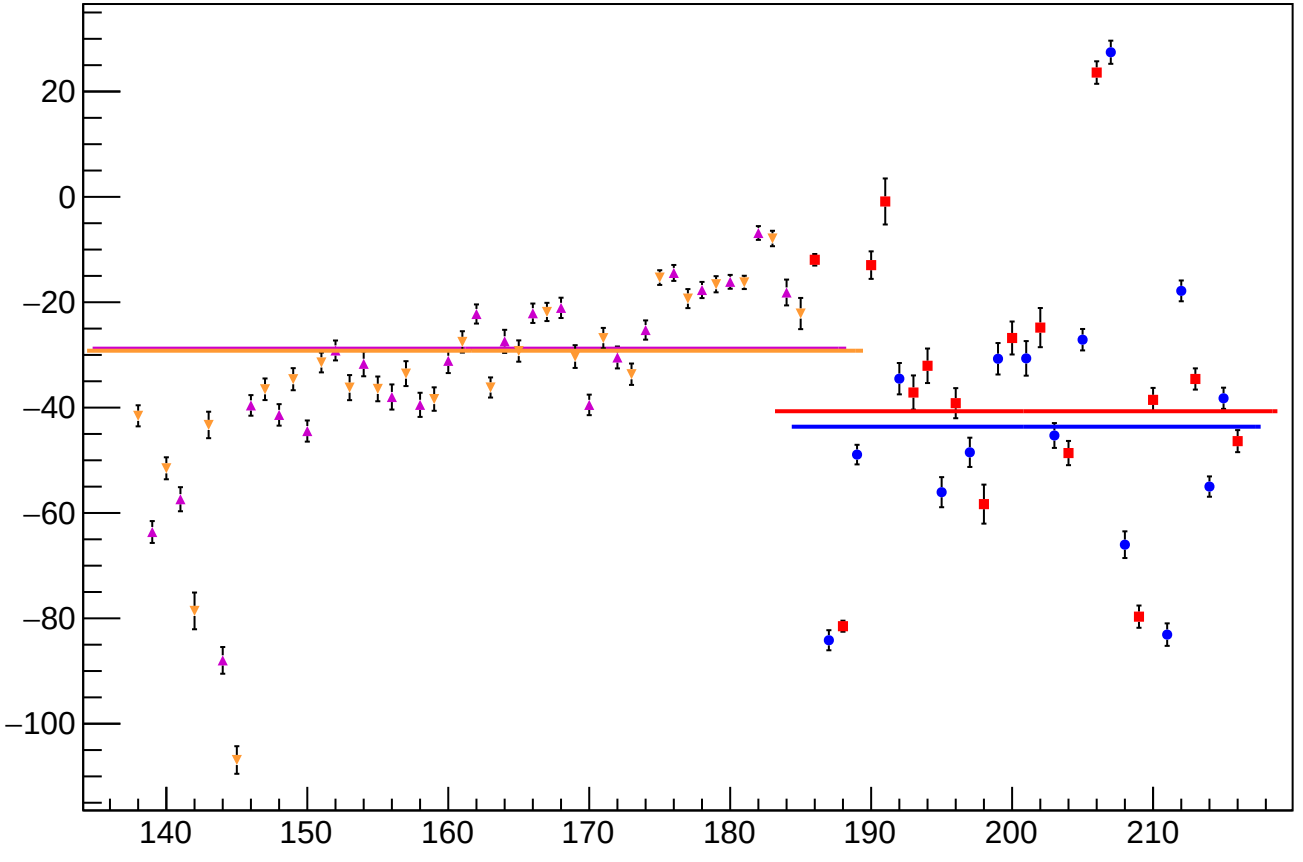
Left In: 120.843+/-0.041 χ^2/NDF:3368.2/22

+ sign 119.101+/-0.035 χ^2/NDF: 97738.6/56

All: 116.182+/-0.024 χ^2/NDF: 597376.7/114

- sign 113.389+/-0.034 χ^2/NDF: 485750.4/57

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -43.624+/-0.586 χ^2/NDF: 2271.1/14

Left Out: -29.199+/-0.389 χ^2/NDF:1881.5/24

Right Out: -40.688+/-0.513 χ^2/NDF: 3736.9/15

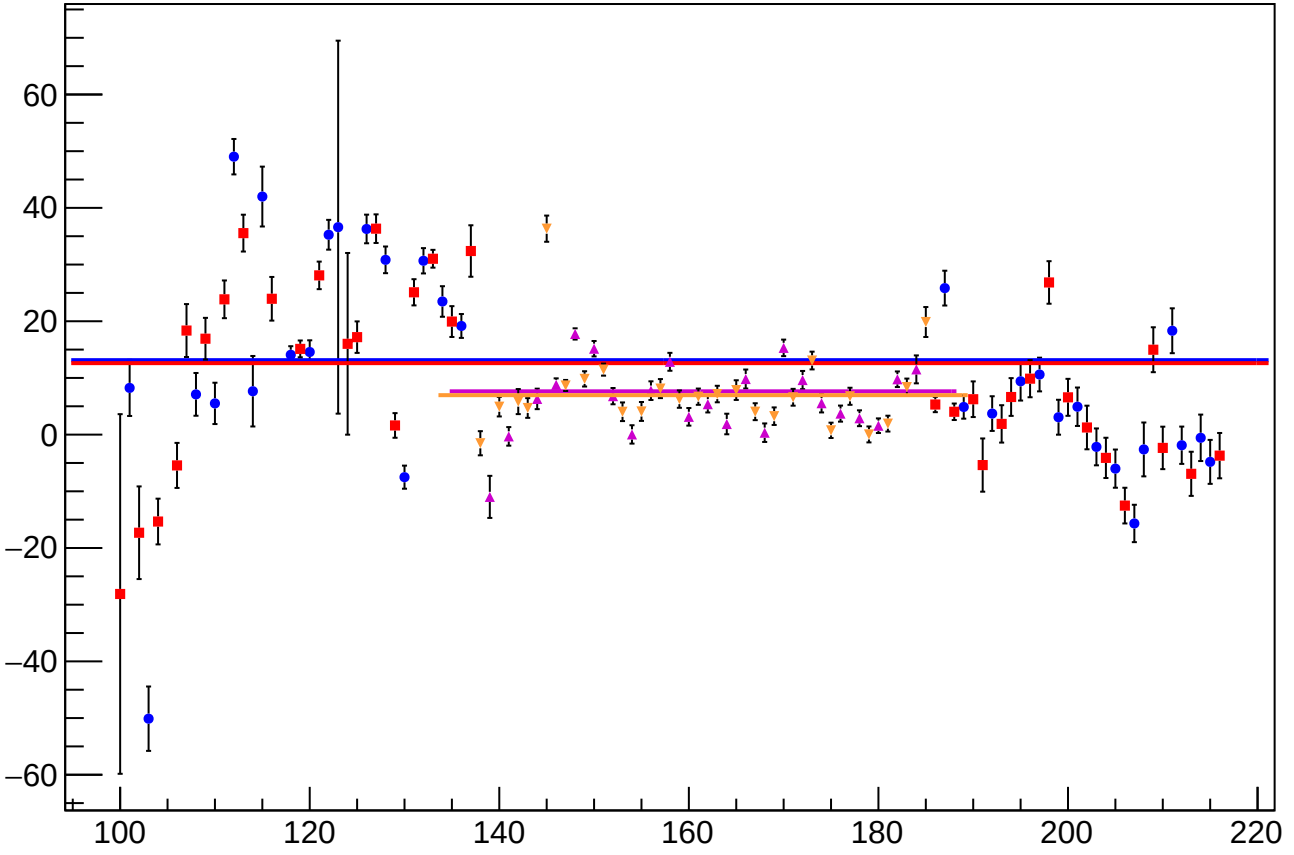
Left In: -28.810+/-0.395 χ^2/NDF:1763.8/22

\+ sign -33.602+/-0.324 χ^2/NDF: 4573.3/39

All: -33.411+/-0.225 χ^2/NDF: 10410.8/78

\- sign -33.232+/-0.313 χ^2/NDF: 5836.8/38

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 13.136+/-0.514 χ^2/NDF: 952.5/31

Left Out: 6.960+/-0.303 χ^2/NDF:321.3/24

Right Out: 12.609+/-0.469 χ^2/NDF: 777.4/34

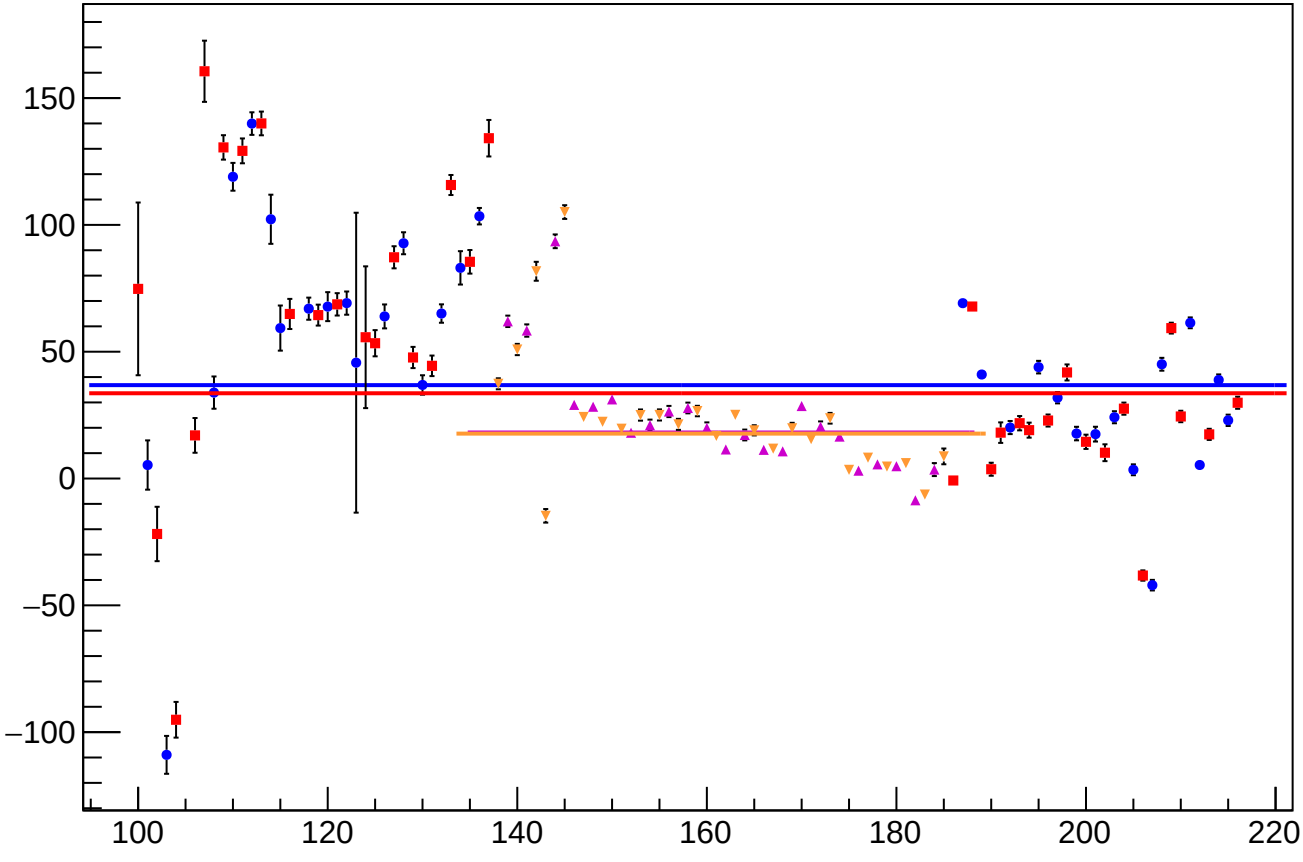
Left In: 7.638+/-0.313 χ^2/NDF:337.7/22

+ sign 8.550+/-0.261 χ^2/NDF: 1380.8/56

All: 8.861+/-0.184 χ^2/NDF: 2576.3/114

- sign 9.171+/-0.261 χ^2/NDF: 1192.7/57

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 36.820+/-0.507 χ^2/NDF: 4774.3/31

Left Out: 17.705+/-0.387 χ^2/NDF:2432.2/24

Right Out: 33.615+/-0.425 χ^2/NDF: 7827.9/34

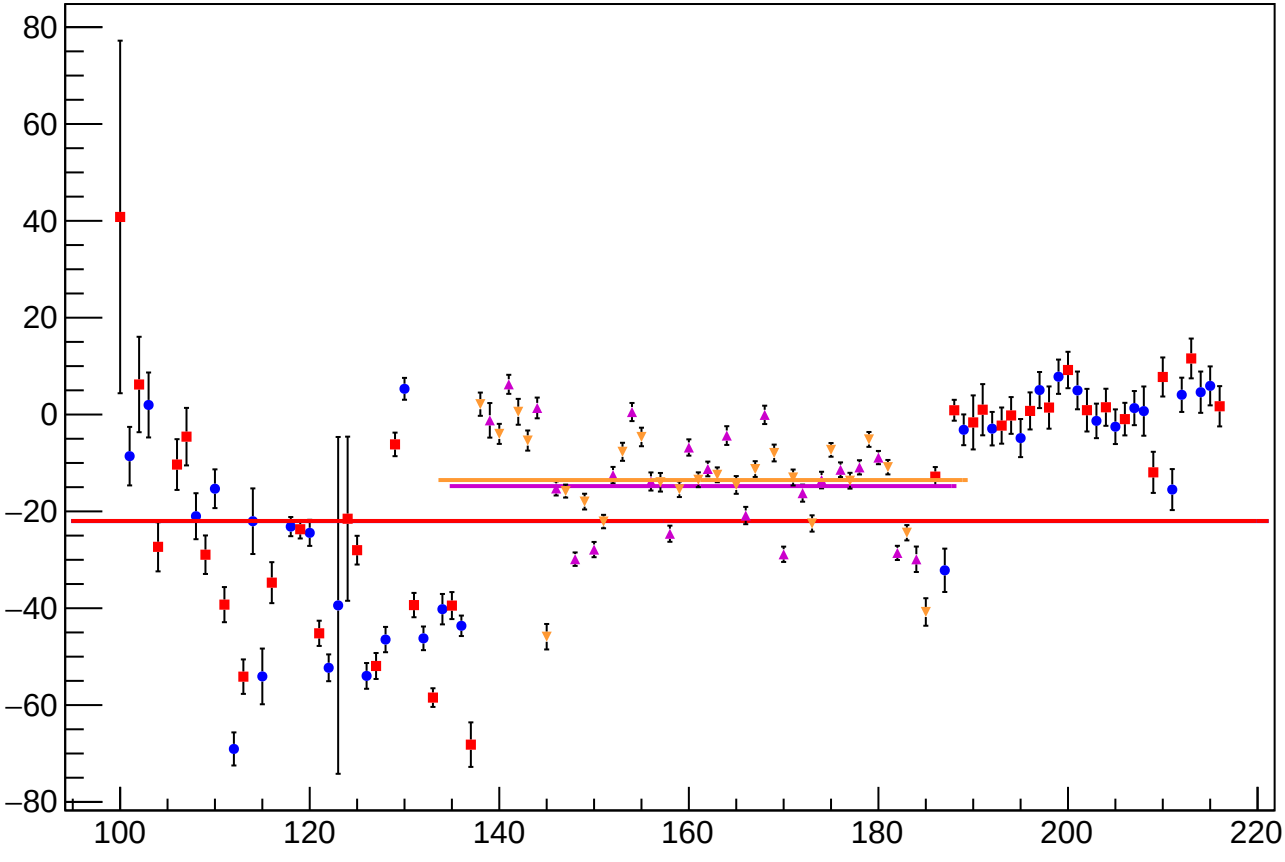
Left In: 18.150+/-0.393 χ^2/NDF:2339.4/22

\+ sign 24.750+/-0.308 χ^2/NDF: 8104.5/56

All: 25.022+/-0.210 χ^2/NDF: 18987.0/114

\- sign 25.262+/-0.289 χ^2/NDF: 10881.0/57

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -22.007+/-0.594 χ^2/NDF: 1509.8/31

Left Out: -13.531+/-0.344 χ^2/NDF:572.8/24

Right Out: -21.979+/-0.563 χ^2/NDF: 1562.4/34

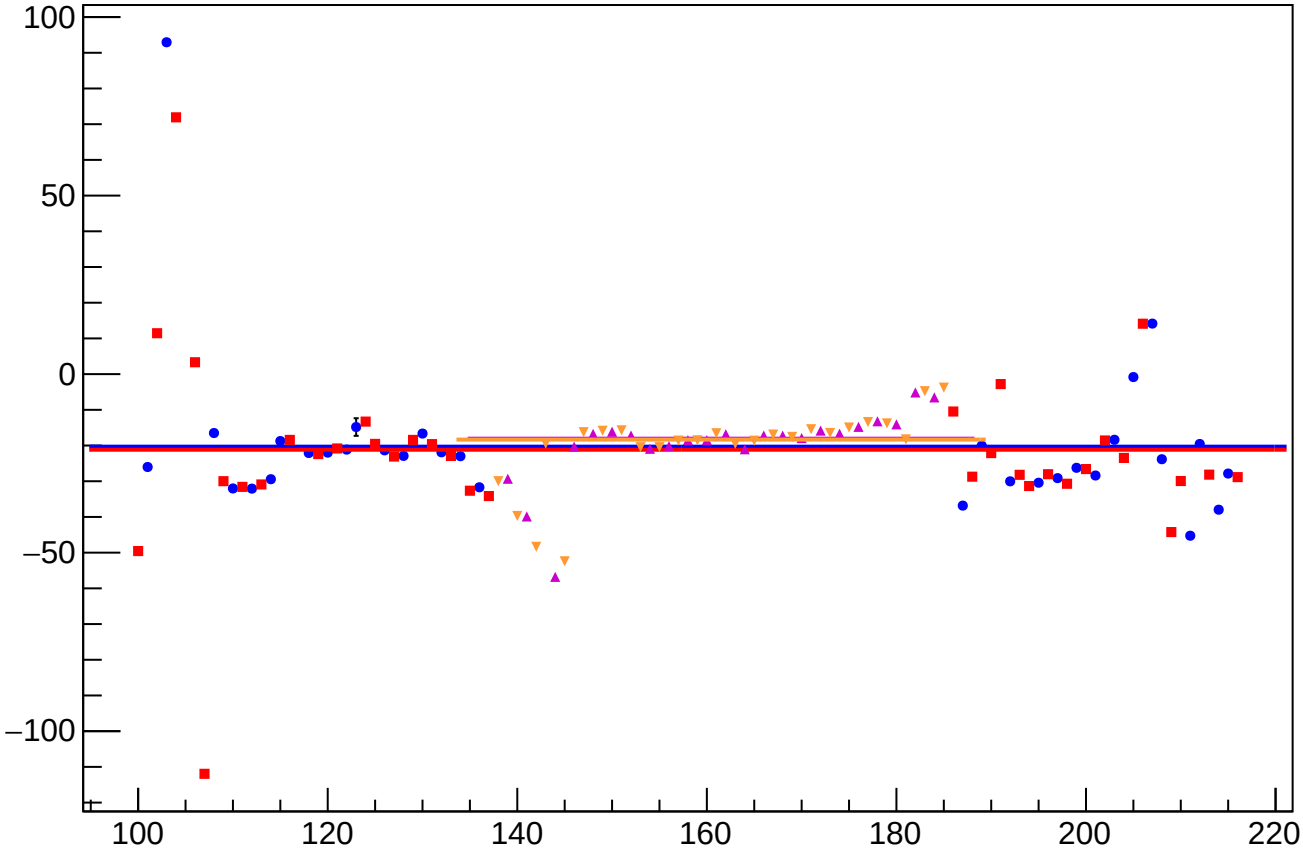
Left In: -14.778+/-0.354 χ^2/NDF:838.0/22

+ sign -15.663+/-0.298 χ^2/NDF: 2235.2/56

All: -16.236+/-0.211 χ^2/NDF: 4760.3/114

- sign -16.818+/-0.300 χ^2/NDF: 2517.6/57

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -20.316+/-0.028 χ^2/NDF: 619395.8/31

Left Out: -18.334+/-0.016 χ^2/NDF:284152.1/24

Right Out: -21.177+/-0.027 χ^2/NDF: 580429.8/34

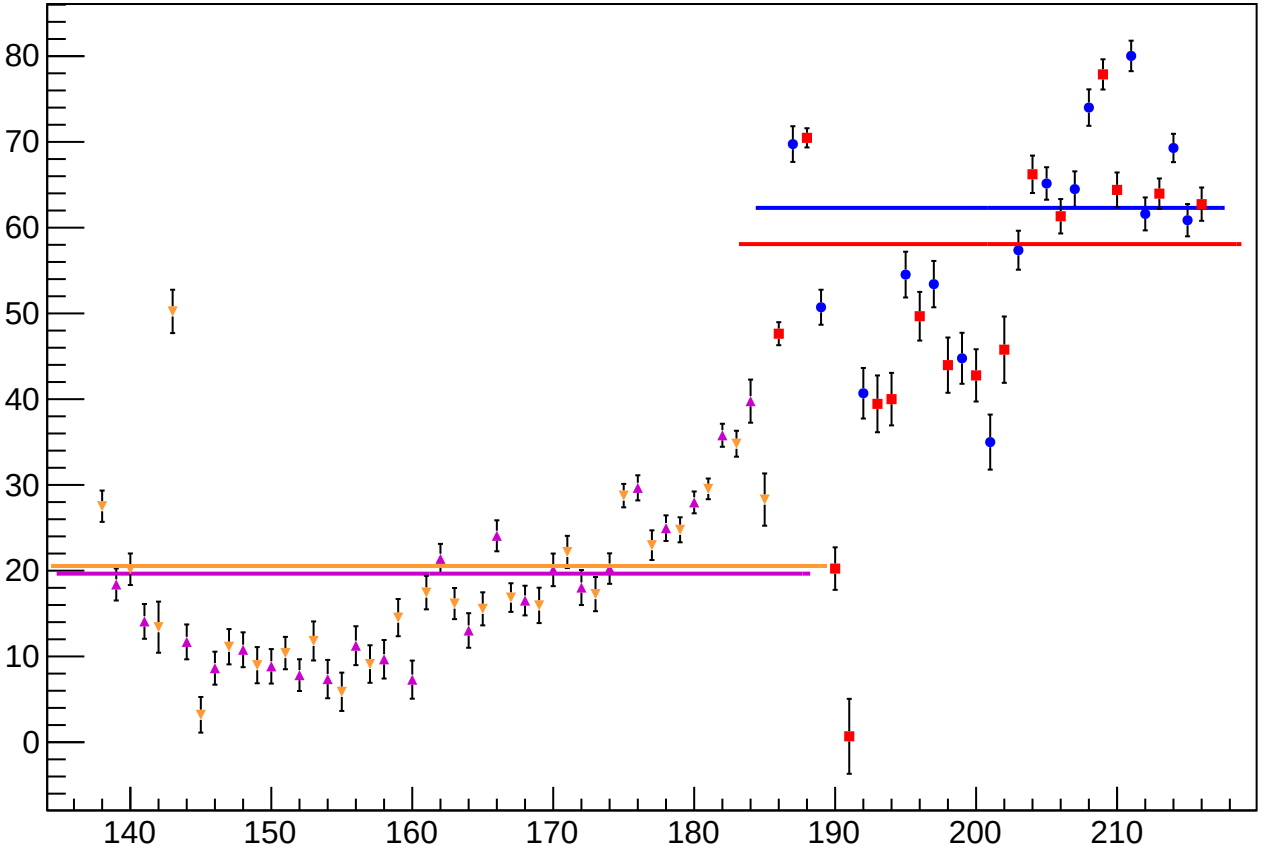
Left In: -18.083+/-0.016 χ^2/NDF:241949.5/22

+ sign -18.805+/-0.014 χ^2/NDF: 907266.2/56

All: -18.841+/-0.010 χ^2/NDF: 1739158.3/114

- sign -18.878+/-0.014 χ^2/NDF: 831878.2/57

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 62.307+/-0.556 χ^2/NDF: 381.5/14

Left Out: 20.550+/-0.373 χ^2/NDF:626.4/24

Right Out: 58.084+/-0.515 χ^2/NDF: 887.5/15

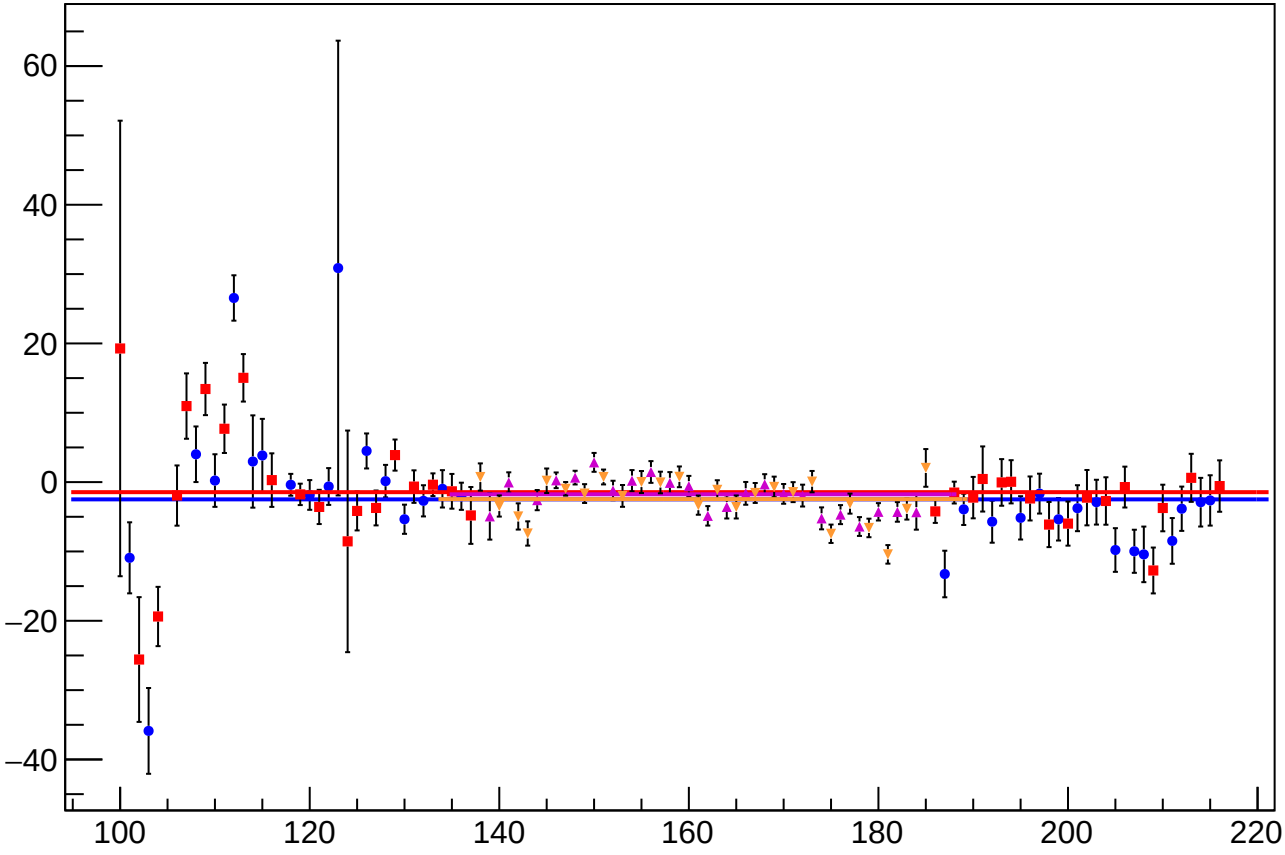
Left In: 19.656+/-0.380 χ^2/NDF:571.8/22

+ sign 33.517+/-0.310 χ^2/NDF: 4898.3/39

All: 33.366+/-0.218 χ^2/NDF: 9959.8/78

- sign 33.219+/-0.306 χ^2/NDF: 5061.0/38

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -2.489+/-0.513 χ^2/NDF: 162.6/31

Left Out: -2.455+/-0.292 χ^2/NDF:106.0/24

Right Out: -1.449+/-0.481 χ^2/NDF: 108.0/34

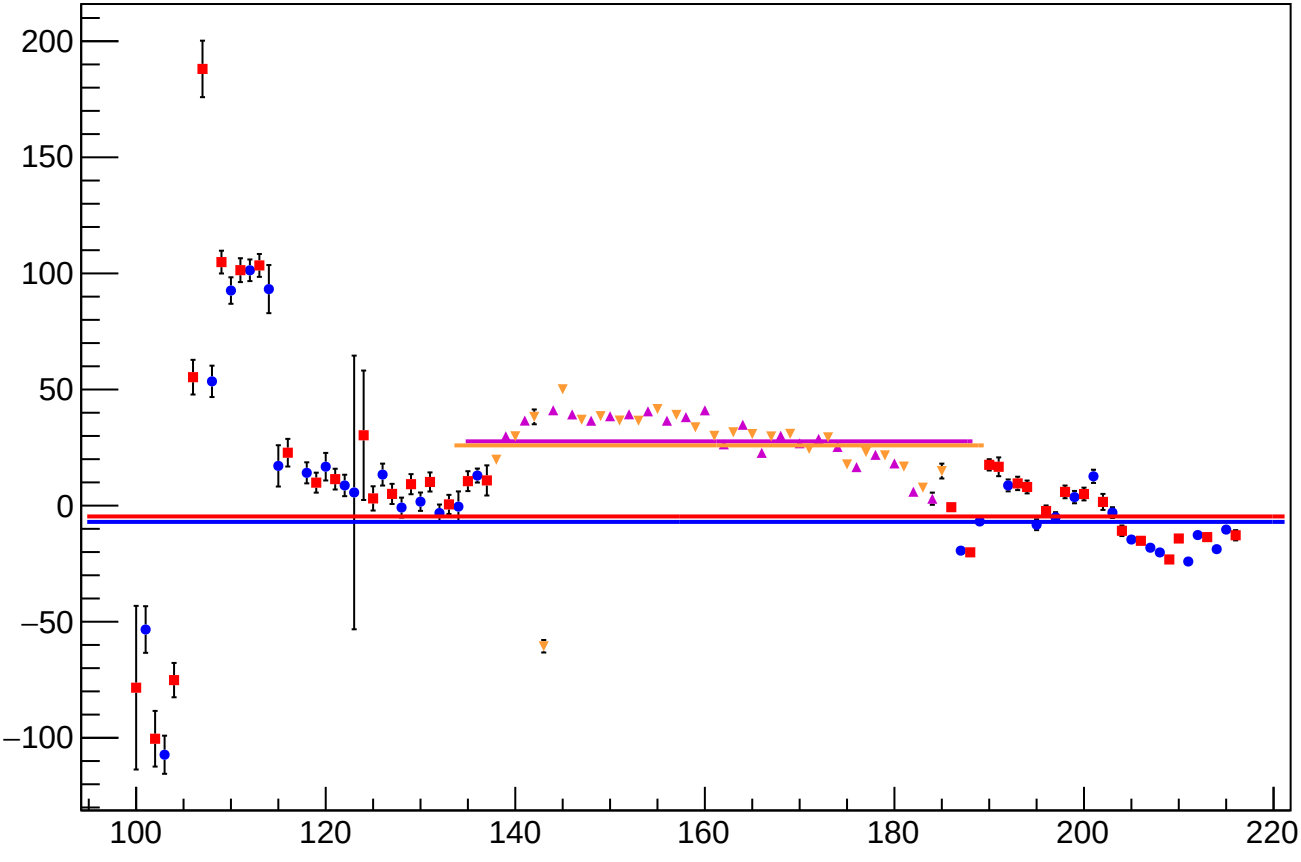
Left In: -1.758+/-0.302 χ^2/NDF:67.4/22

+ sign -2.463+/-0.254 χ^2/NDF: 268.6/56

All: -2.070+/-0.180 χ^2/NDF: 449.2/114

- sign -1.671+/-0.256 χ^2/NDF: 175.7/57

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: -7.011+/-0.492 χ^2/NDF: 1701.2/31

Left Out: 25.938+/-0.372 χ^2/NDF:1711.6/24

Right Out: -4.663+/-0.437 χ^2/NDF: 2675.4/34

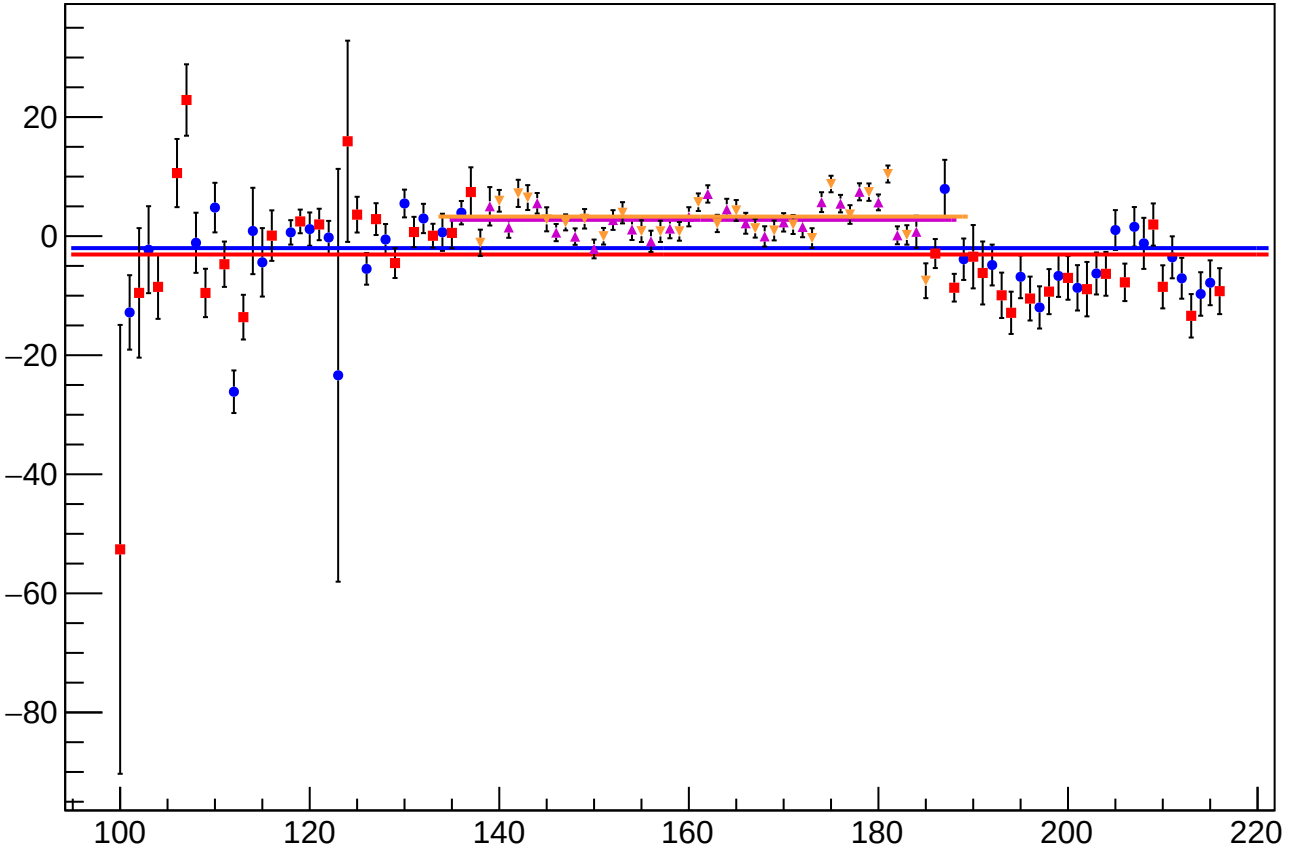
Left In: 27.677+/-0.378 χ^2/NDF:803.9/22

\+ sign 13.940+/-0.297 χ^2/NDF: 6264.3/56

All: 13.878+/-0.206 χ^2/NDF: 12876.2/114

\- sign 13.821+/-0.286 χ^2/NDF: 6611.9/57

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -2.013+/-0.587 χ^2/NDF: 113.9/31

Left Out: 3.283+/-0.331 χ^2/NDF:102.3/24

Right Out: -3.084+/-0.569 χ^2/NDF: 118.9/34

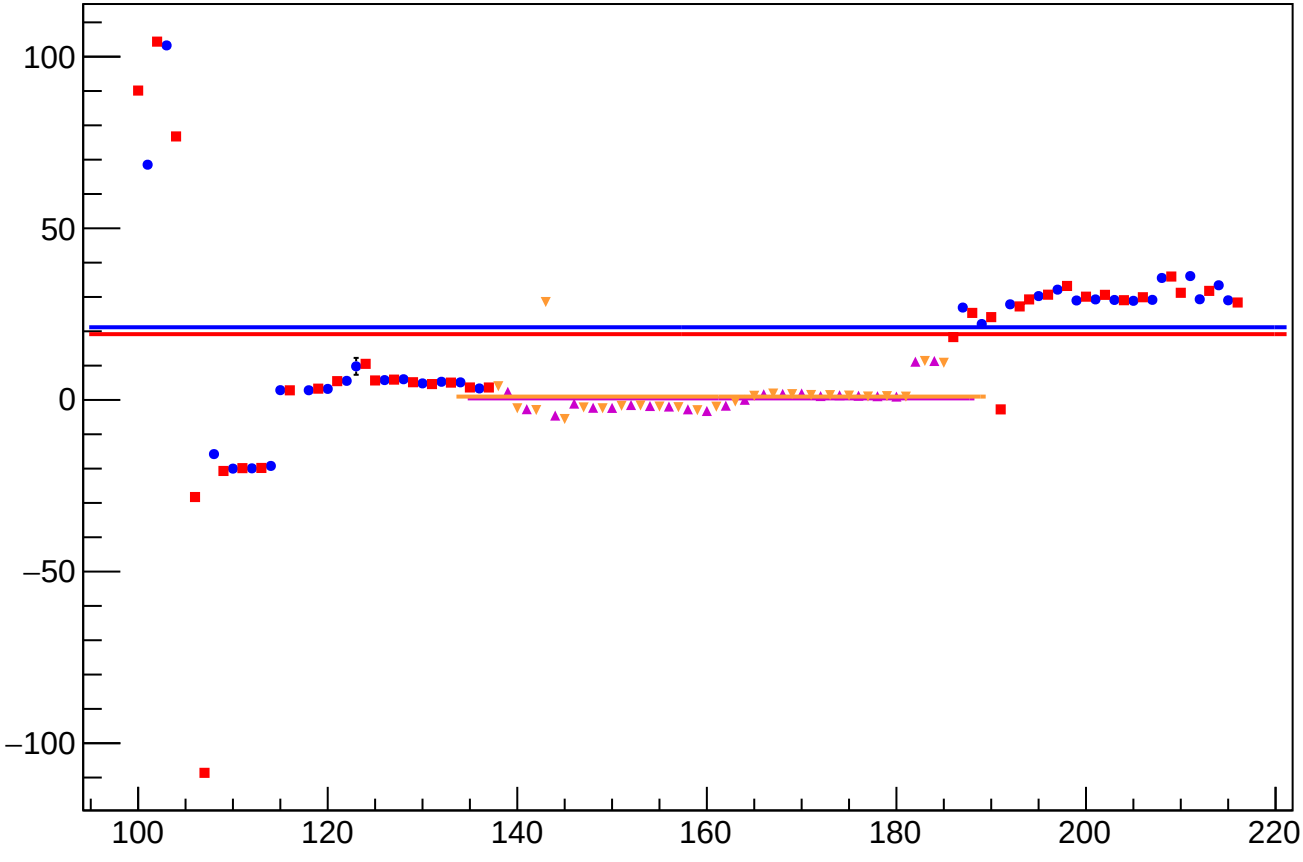
Left In: 2.738+/-0.341 χ^2/NDF:64.5/22

+ sign 2.002+/-0.289 χ^2/NDF: 277.9/56

All: 1.606+/-0.205 χ^2/NDF: 542.1/114

- sign 1.198+/-0.293 χ^2/NDF: 260.4/57

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 21.179+/-0.028 χ^2/NDF: 514070.7/31

Left Out: 0.979+/-0.015 χ^2/NDF:117391.3/24

Right Out: 19.168+/-0.027 χ^2/NDF: 747137.7/34

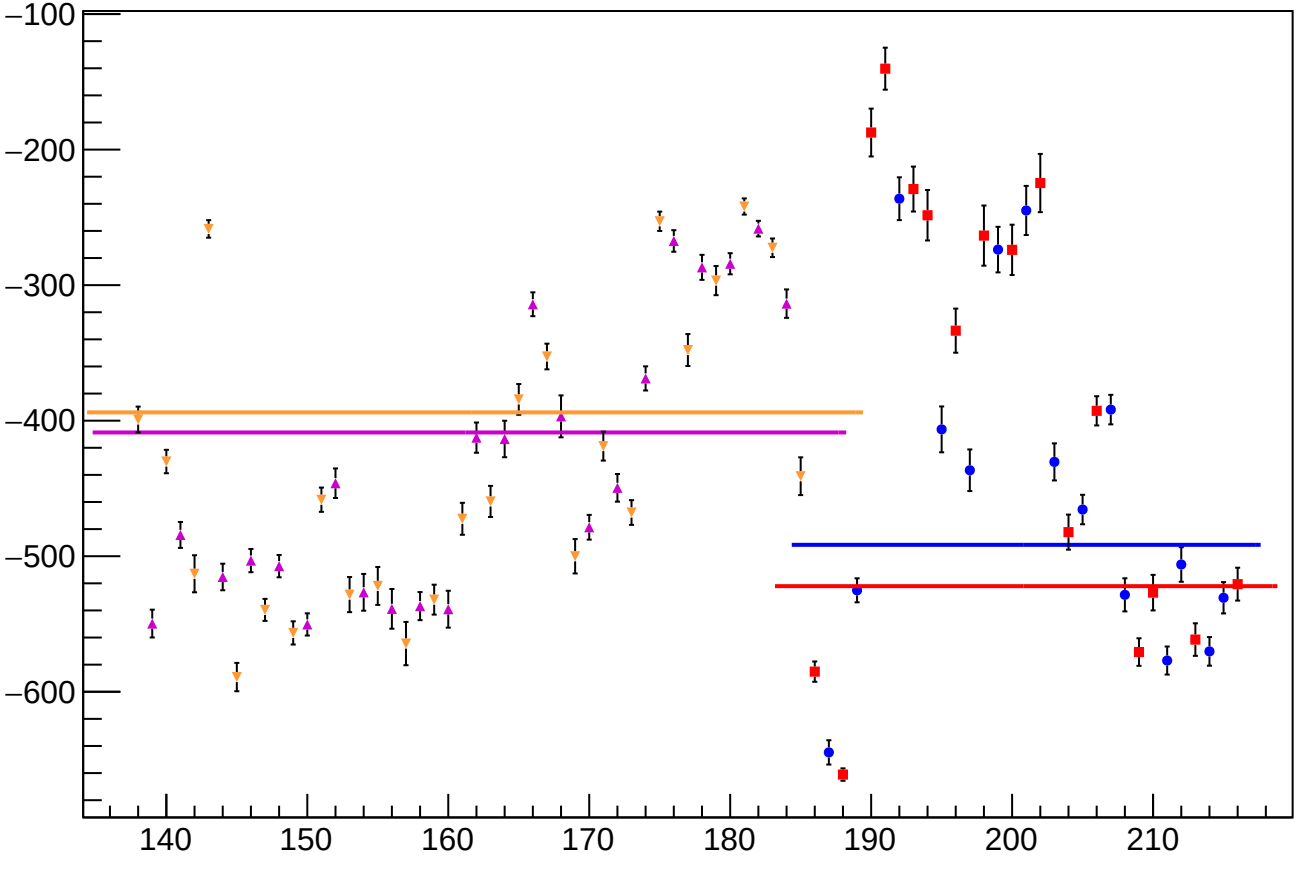
Left In: 0.451+/-0.015 χ^2/NDF:50699.8/22

+ sign 5.658+/-0.013 χ^2/NDF: 1041019.5/56

All: 5.364+/-0.009 χ^2/NDF: 2202662.4/114

- sign 5.067+/-0.013 χ^2/NDF: 1160665.2/57

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -491.593+/-3.095 χ^2/NDF: 1214.1/14

Left Out: -393.871+/-1.897 χ^2/NDF:3772.8/24

Right Out: -522.088+/-2.734 χ^2/NDF: 3308.2/15

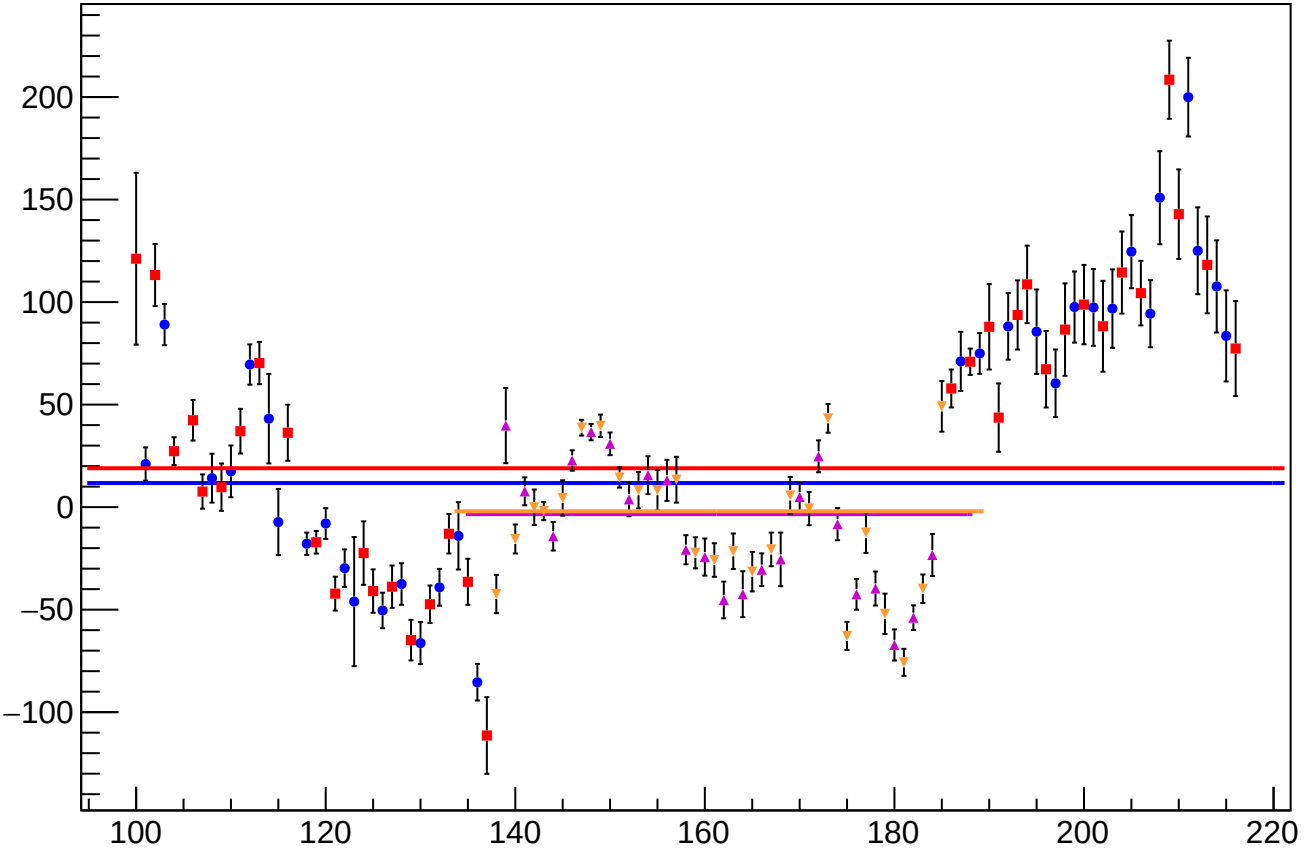
Left In: -408.696+/-1.979 χ^2/NDF:3062.9/22

+ sign -420.559+/-1.617 χ^2/NDF: 5711.6/39

All: -434.239+/-1.139 χ^2/NDF: 13353.2/78

- sign -447.679+/-1.603 χ^2/NDF: 7499.8/38

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 11.751+/-2.076 χ^2/NDF: 868.8/31

Left Out: -2.037+/-1.424 χ^2/NDF:563.8/24

Right Out: 18.964+/-1.931 χ^2/NDF: 848.1/34

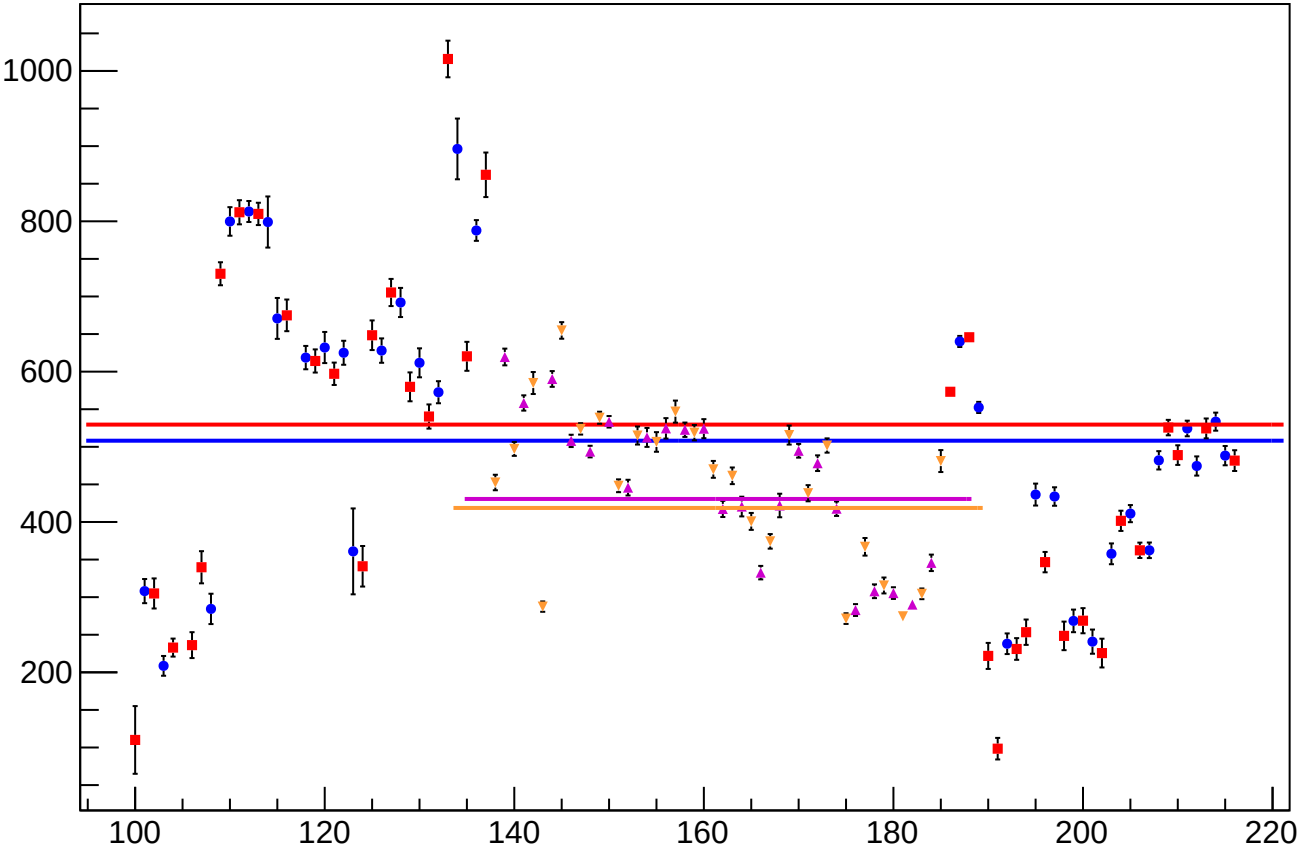
Left In: -3.420+/-1.520 χ^2/NDF:451.0/22

+ sign 2.376+/-1.174 χ^2/NDF: 1462.6/56

All: 3.738+/-0.837 χ^2/NDF: 2847.4/114

- sign 5.146+/-1.194 χ^2/NDF: 1382.0/57

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 508.131+/-2.414 χ^2/NDF: 4204.4/31

Left Out: 418.680+/-1.905 χ^2/NDF:3296.5/24

Right Out: 529.562+/-2.076 χ^2/NDF: 7100.3/34

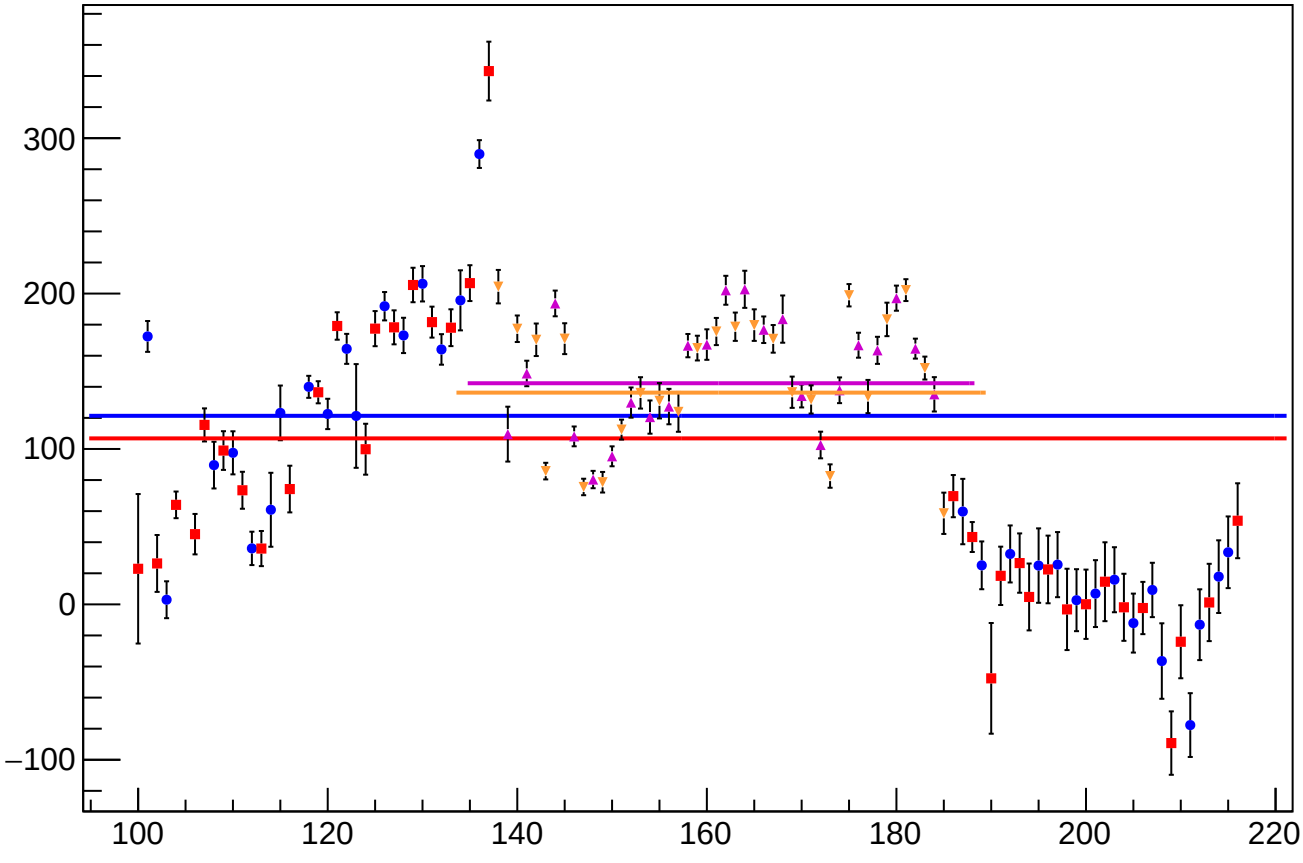
Left In: 430.640+/-1.971 χ^2/NDF:2850.6/22

+ sign 453.008+/-1.495 χ^2/NDF: 8347.2/56

All: 465.821+/-1.033 χ^2/NDF: 19632.8/114

- sign 477.527+/-1.429 χ^2/NDF: 11145.2/57

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 121.336+/-2.412 χ^2/NDF: 1247.4/31

Left Out: 136.258+/-1.651 χ^2/NDF:758.3/24

Right Out: 106.807+/-2.289 χ^2/NDF: 1106.3/34

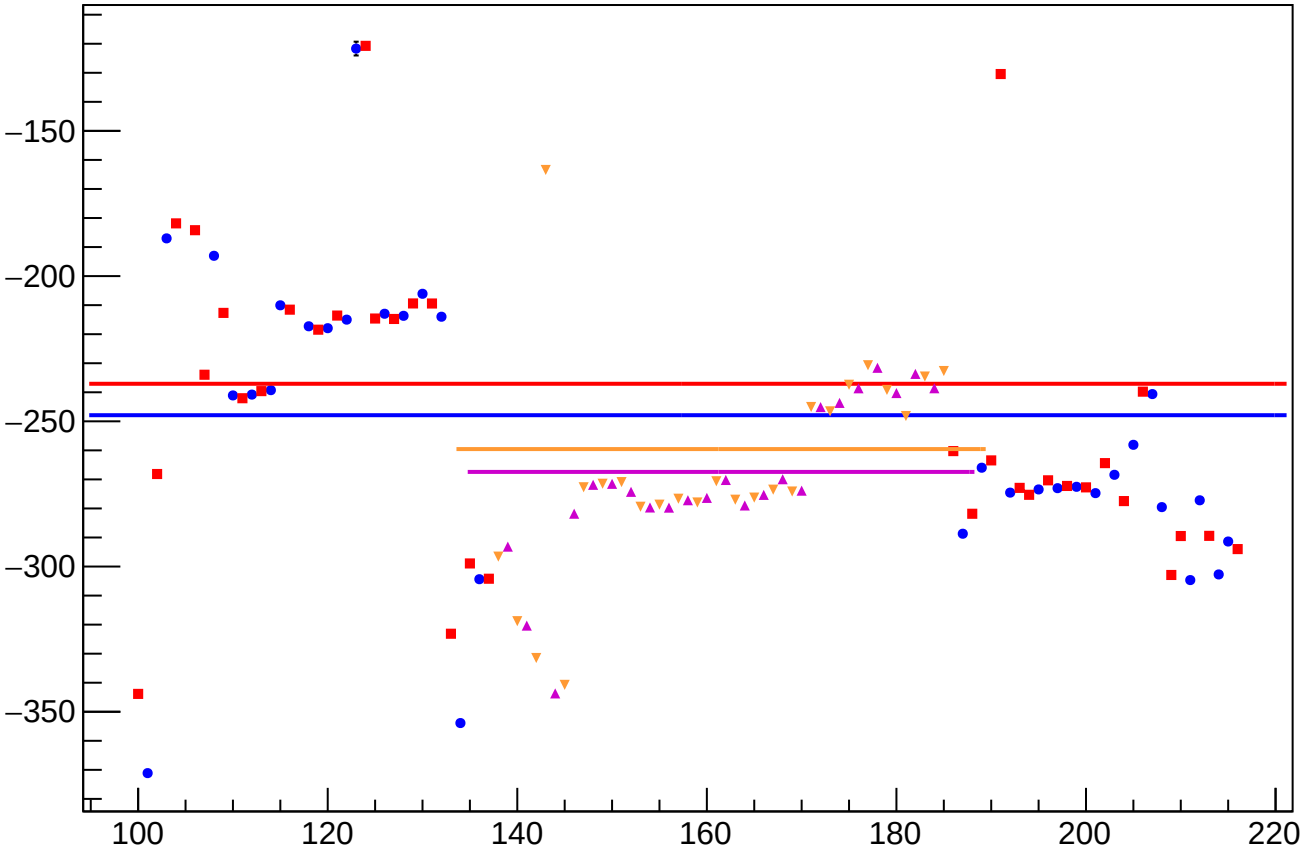
Left In: 142.296+/-1.745 χ^2/NDF:459.8/22

+ sign 131.498+/-1.362 χ^2/NDF: 2031.8/56

All: 130.398+/-0.972 χ^2/NDF: 3751.2/114

- sign 129.257+/-1.388 χ^2/NDF: 1718.1/57

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -247.893+/-0.120 χ^2/NDF: 172590.1/31

Left Out: -259.557+/-0.079 χ^2/NDF:238235.2/24

Right Out: -237.073+/-0.112 χ^2/NDF: 185250.9/34

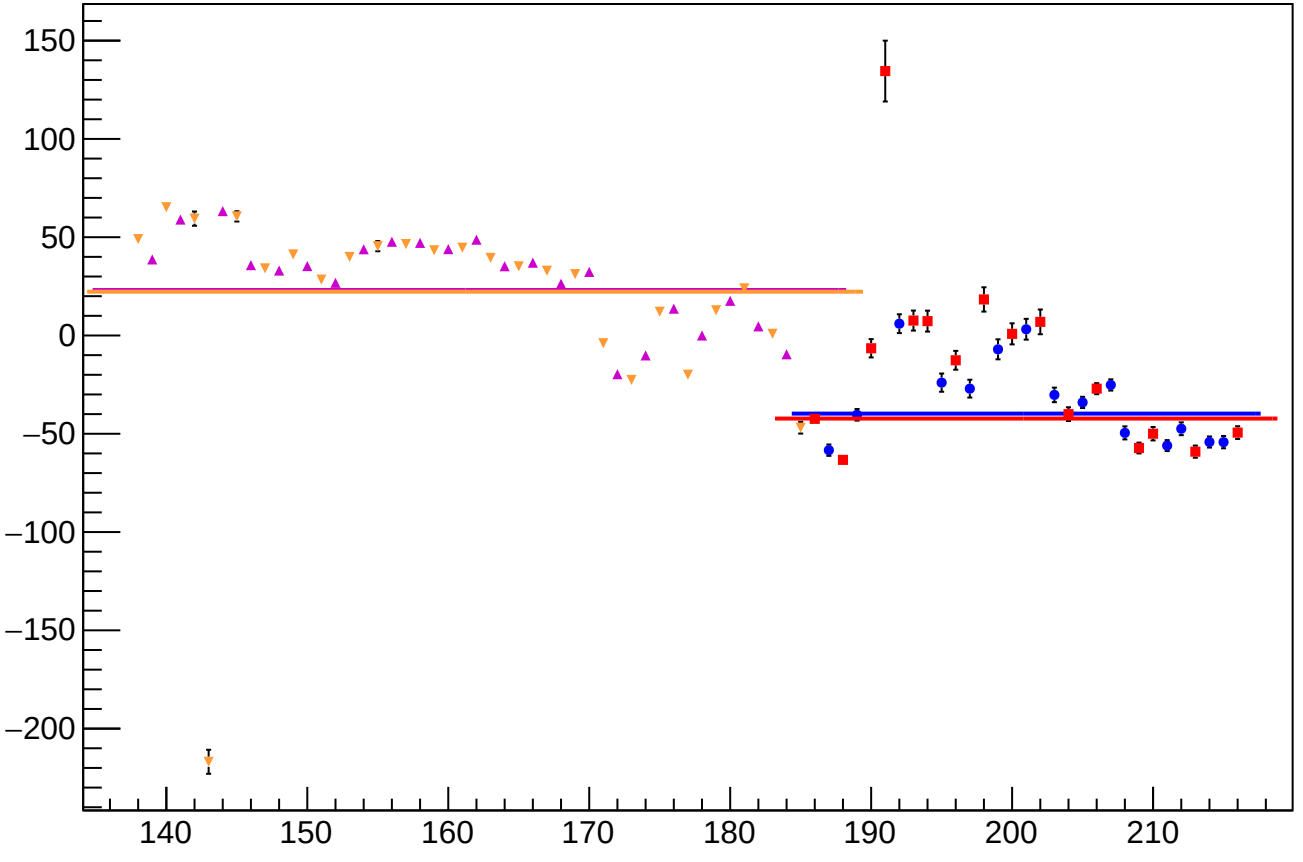
Left In: -267.417+/-0.082 χ^2/NDF:98035.5/22

+ sign -256.020+/-0.066 χ^2/NDF: 417420.9/56

All: -256.450+/-0.047 χ^2/NDF: 748727.7/114

- sign -256.880+/-0.066 χ^2/NDF: 331221.9/57

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -39.745+/-0.875 χ^2/NDF: 391.8/14

Left Out: 22.279+/-0.399 χ^2/NDF:5171.0/24

Right Out: -42.263+/-0.786 χ^2/NDF: 911.9/15

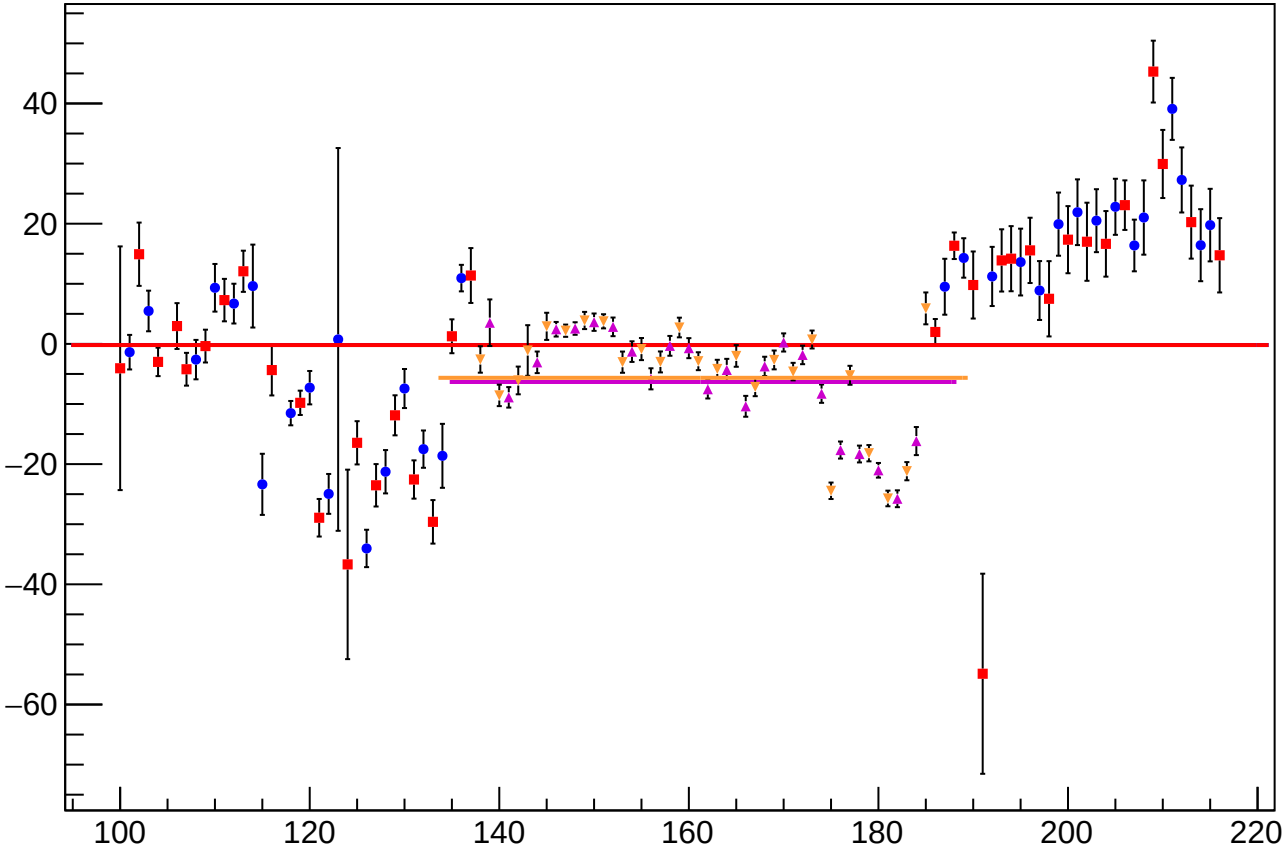
Left In: 23.136+/-0.401 χ^2/NDF:2744.7/22

\+ sign 11.610+/-0.363 χ^2/NDF: 9724.6/39

All: 10.591+/-0.255 χ^2/NDF: 18888.6/78

\- sign 9.602+/-0.358 χ^2/NDF: 9148.5/38

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -0.181+/-0.672 χ^2/NDF: 594.9/31

Left Out: -5.642+/-0.316 χ^2/NDF:893.7/24

Right Out: -0.193+/-0.623 χ^2/NDF: 619.0/34

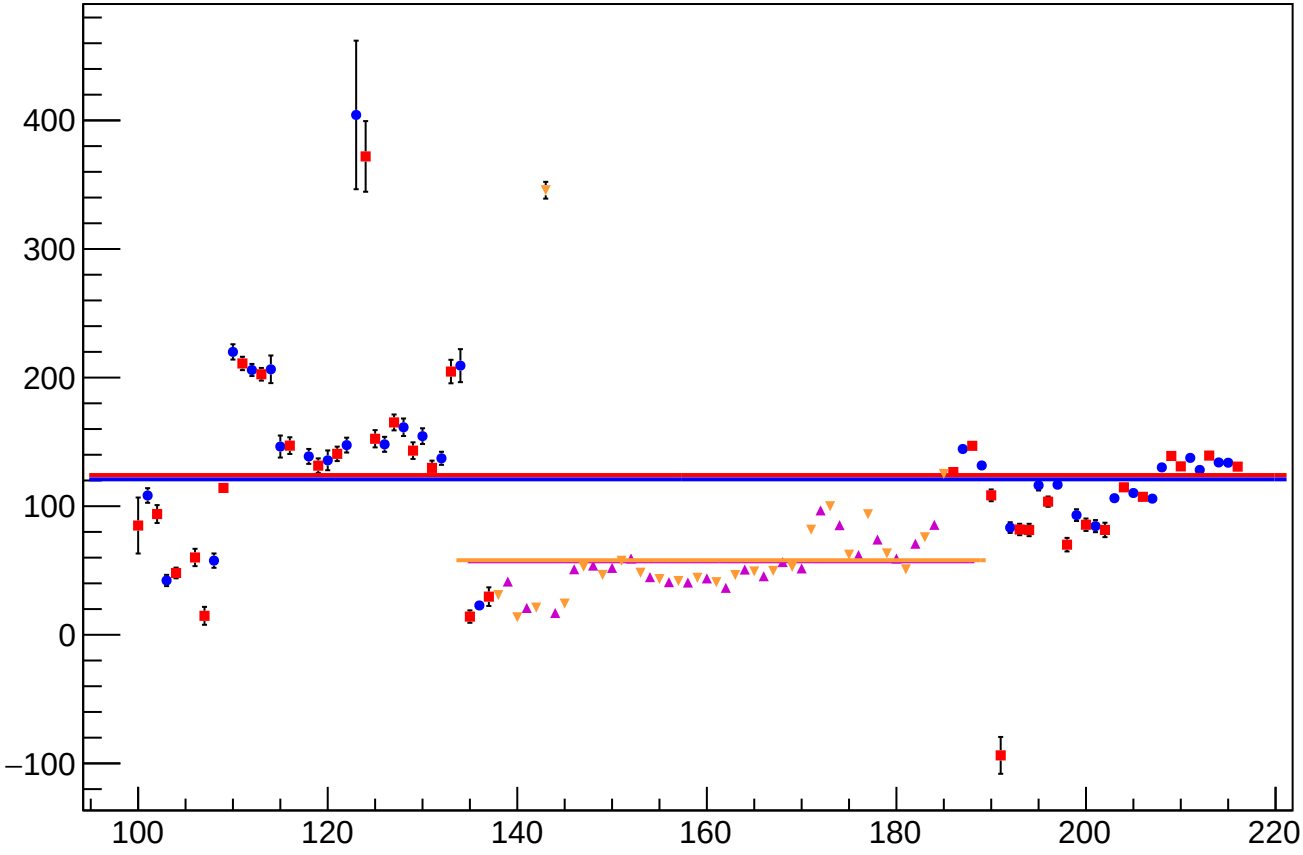
Left In: -6.337+/-0.321 χ^2/NDF:783.0/22

+ sign -4.656+/-0.286 χ^2/NDF: 1542.8/56

All: -4.851+/-0.202 χ^2/NDF: 3022.6/114

- sign -5.046+/-0.285 χ^2/NDF: 1478.9/57

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 120.887+/-0.719 χ^2/NDF: 2602.3/31

Left Out: 57.990+/-0.398 χ^2/NDF:4635.7/24

Right Out: 124.228+/-0.621 χ^2/NDF: 3275.6/34

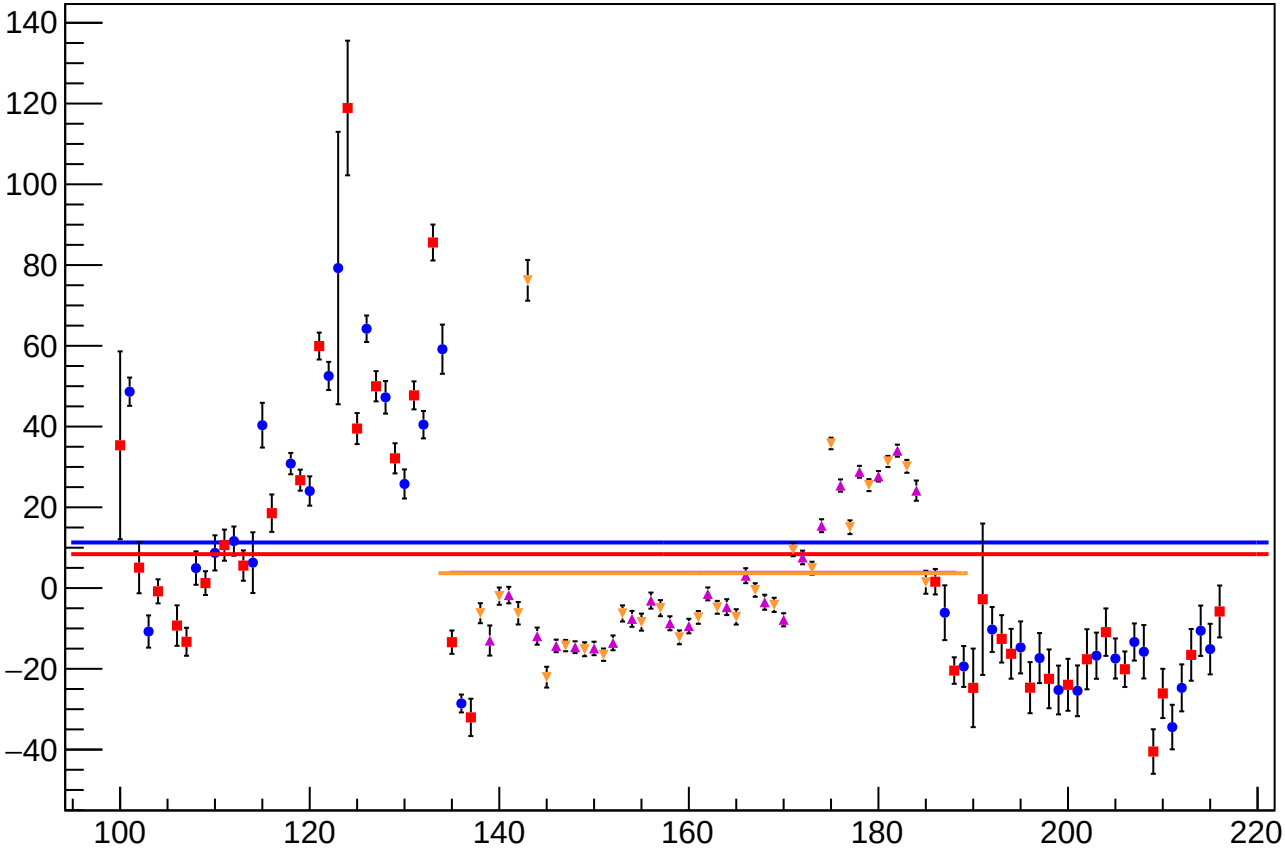
Left In: 57.139+/-0.400 χ^2/NDF:1803.4/22

\+ sign 72.735+/-0.348 χ^2/NDF: 13094.4/56

All: 74.827+/-0.242 χ^2/NDF: 26495.2/114

\- sign 76.775+/-0.336 χ^2/NDF: 13331.1/57

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 11.294+/-0.770 χ^2/NDF: 1609.0/31

Left Out: 3.684+/-0.357 χ^2/NDF:2541.7/24

Right Out: 8.401+/-0.735 χ^2/NDF: 1586.8/34

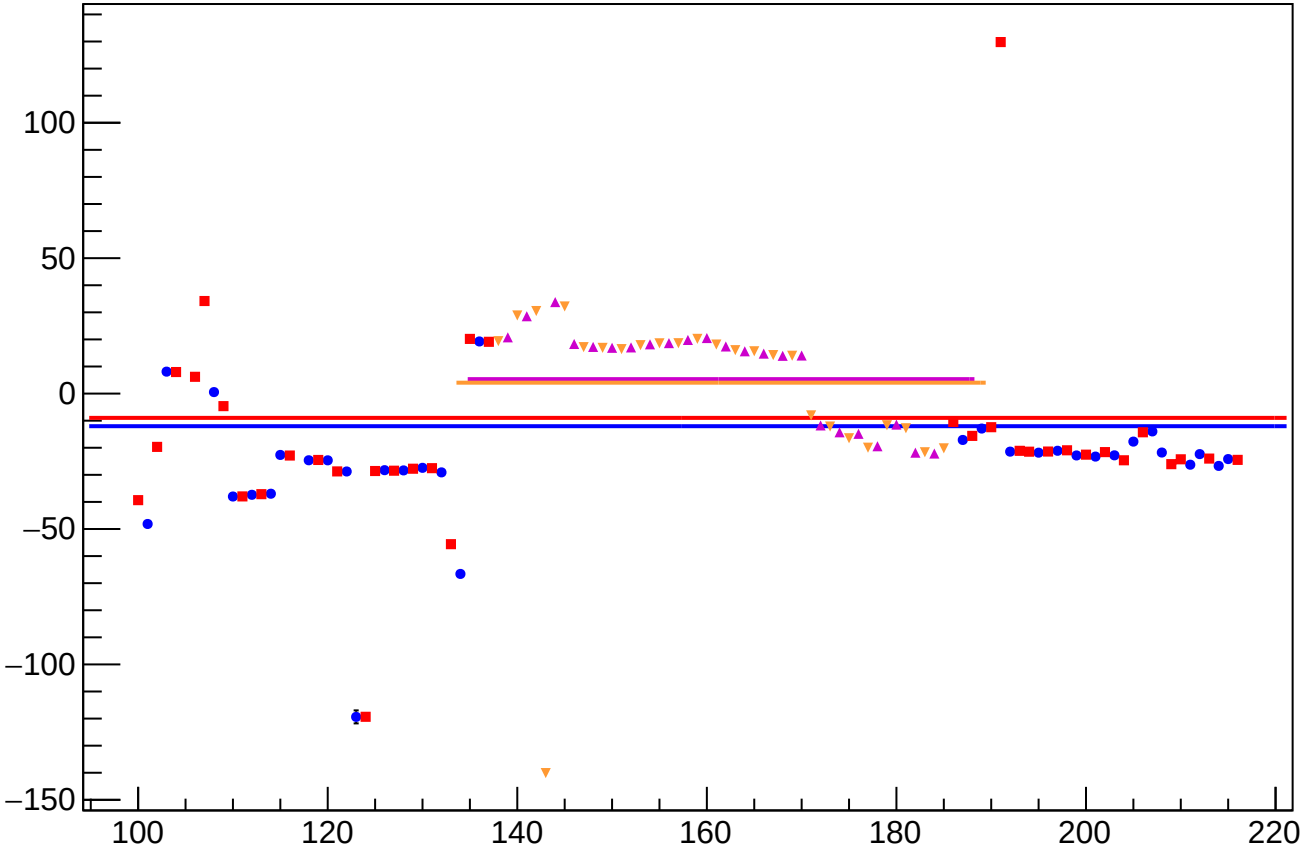
Left In: 3.786+/-0.362 χ^2/NDF:2198.8/22

+ sign 5.028+/-0.324 χ^2/NDF: 4231.0/56

All: 4.857+/-0.229 χ^2/NDF: 8048.9/114

- sign 4.685+/-0.325 χ^2/NDF: 3817.4/57

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -12.040+/-0.036 χ^2/NDF: 307001.7/31

Left Out: 4.026+/-0.016 χ^2/NDF:1383143.9/24

Right Out: -8.966+/-0.035 χ^2/NDF: 399329.7/34

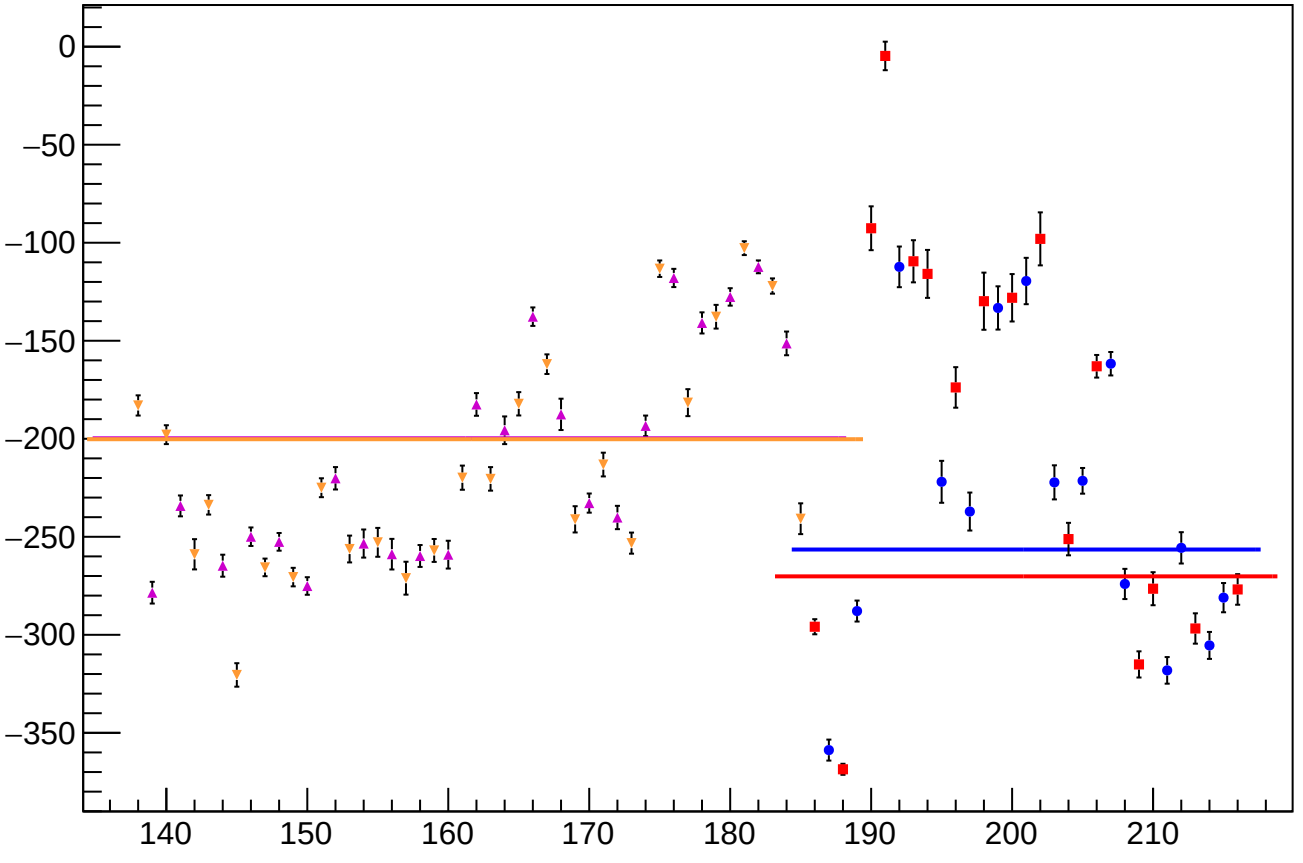
Left In: 5.335+/-0.016 χ^2/NDF:1077818.8/22

+ sign 1.273+/-0.015 χ^2/NDF: 1855285.3/56

All: 2.030+/-0.011 χ^2/NDF: 3472760.4/114

- sign 2.786+/-0.015 χ^2/NDF: 1612318.4/57

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -256.496+/-1.919 χ^2/NDF: 1310.2/14

Left Out: -200.228+/-1.078 χ^2/NDF:3225.0/24

Right Out: -270.185+/-1.630 χ^2/NDF: 4122.1/15

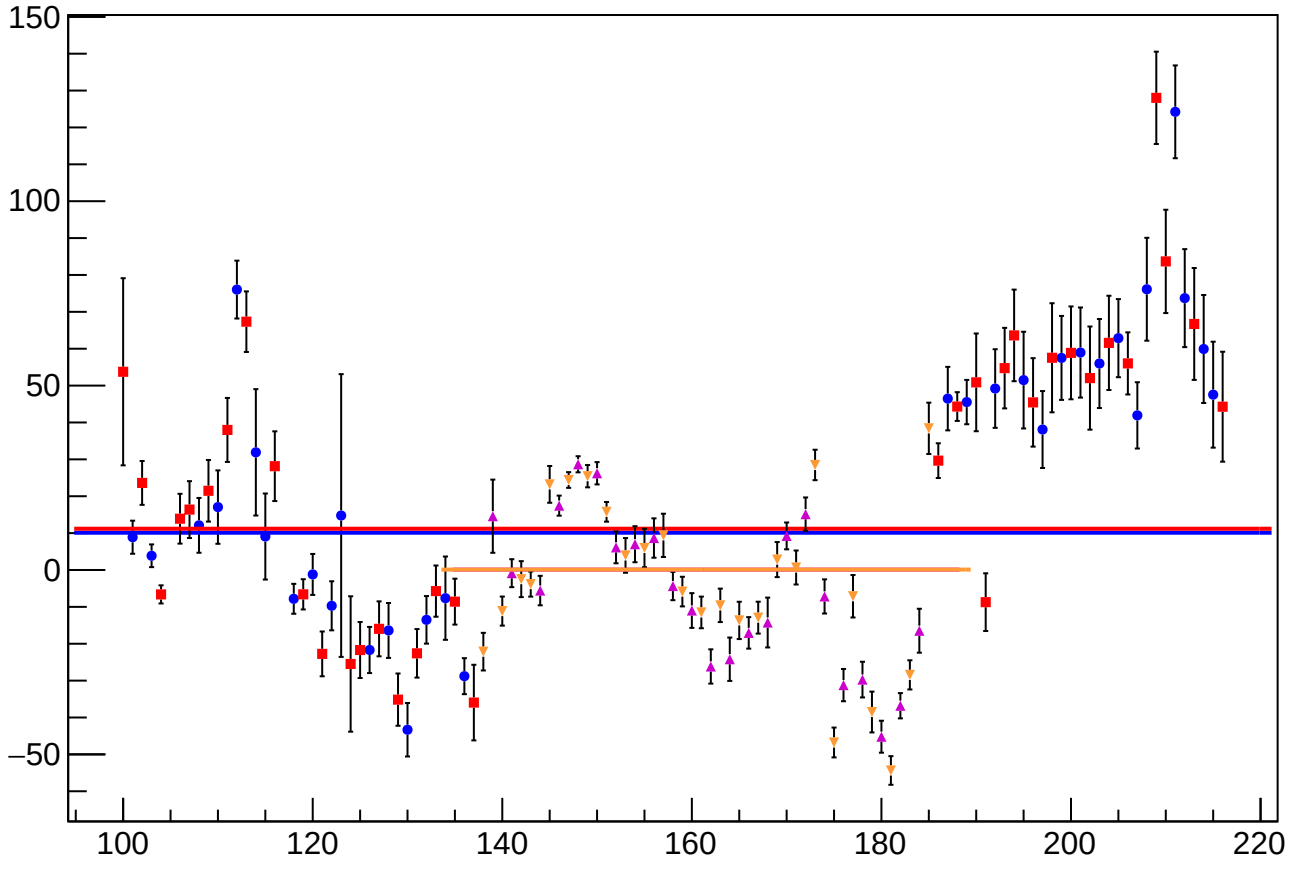
Left In: -199.739+/-1.097 χ^2/NDF:2968.0/22

\+ sign -213.724+/-0.940 χ^2/NDF: 5188.9/39

All: -217.848+/-0.654 χ^2/NDF: 13602.0/78

\- sign -221.718+/-0.910 χ^2/NDF: 8375.8/38

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 10.105+/-1.294 χ^2/NDF: 596.0/31

Left Out: 0.109+/-0.807 χ^2/NDF:831.2/24

Right Out: 11.192+/-1.176 χ^2/NDF: 667.4/34

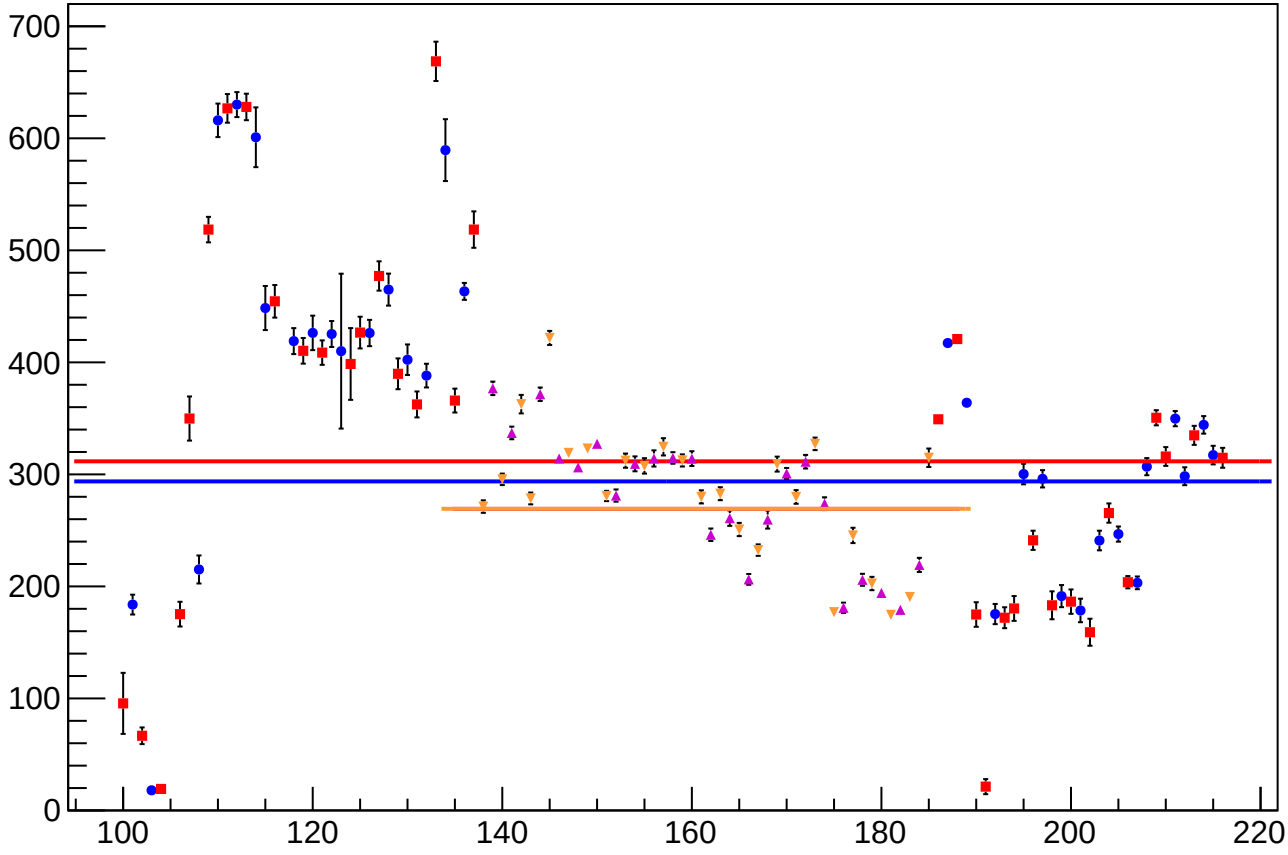
Left In: 0.097+/-0.838 χ^2/NDF:715.5/22

+ sign 2.909+/-0.685 χ^2/NDF: 1470.2/56

All: 3.373+/-0.483 χ^2/NDF: 2913.0/114

- sign 3.833+/-0.682 χ^2/NDF: 1441.9/57

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 293.722+/-1.452 χ^2/NDF: 9645.1/31

Left Out: 269.278+/-1.078 χ^2/NDF:3146.7/24

Right Out: 311.654+/-1.229 χ^2/NDF: 14403.7/34

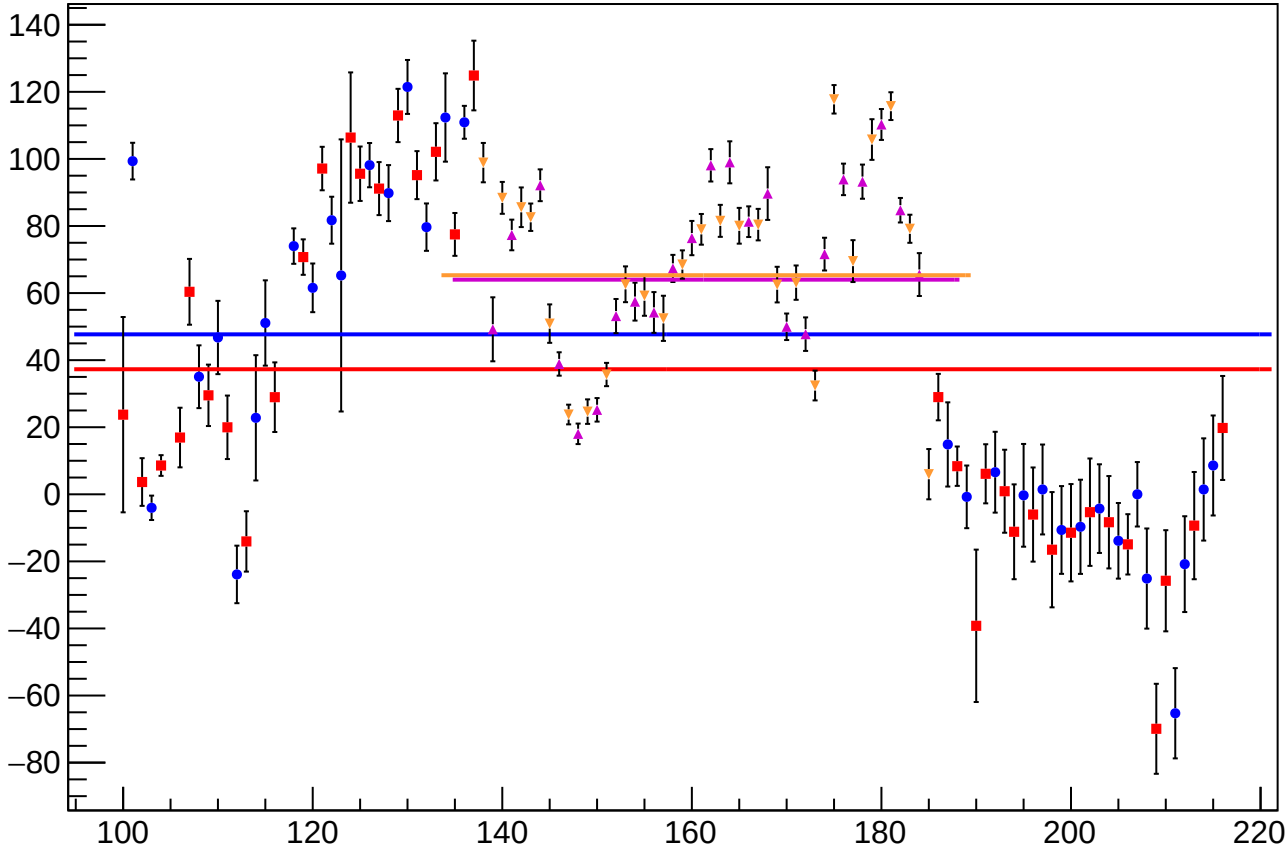
Left In: 269.191+/-1.091 χ^2/NDF:3170.2/22

+ sign 277.960+/-0.865 χ^2/NDF: 12974.5/56

All: 283.220+/-0.594 χ^2/NDF: 31286.0/114

- sign 287.895+/-0.816 χ^2/NDF: 18241.7/57

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 47.694+/-1.506 χ^2/NDF: 1102.6/31

Left Out: 65.323+/-0.935 χ^2/NDF:1007.1/24

Right Out: 37.288+/-1.416 χ^2/NDF: 961.0/34

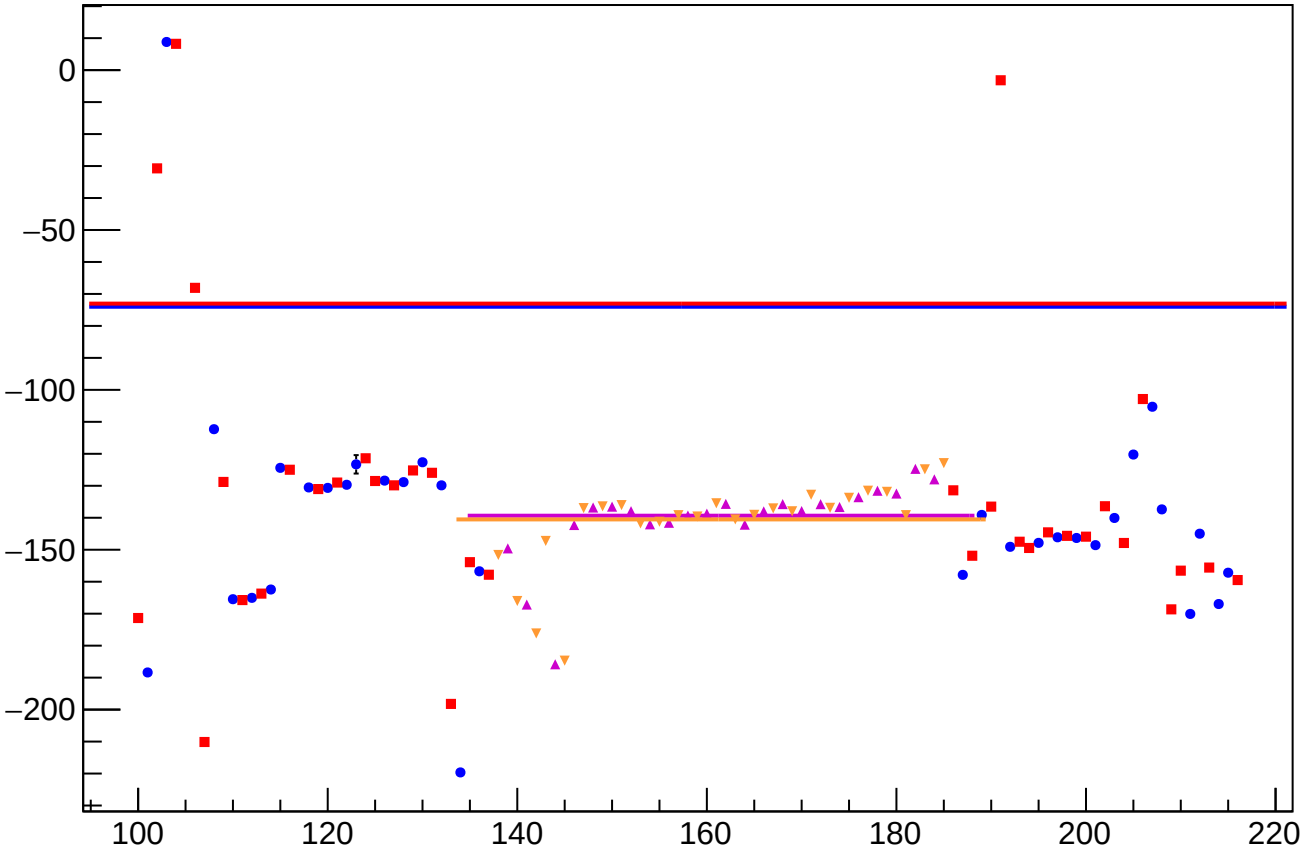
Left In: 63.999+/-0.963 χ^2/NDF:799.5/22

+ sign 60.421+/-0.794 χ^2/NDF: 2208.7/56

All: 57.992+/-0.562 χ^2/NDF: 4231.3/114

- sign 55.551+/-0.796 χ^2/NDF: 2003.9/57

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -73.999+/-0.062 χ^2/NDF: 1609377.3/31

Left Out: -140.519+/-0.045 χ^2/NDF:77489.0/24

Right Out: -73.029+/-0.060 χ^2/NDF: 1445870.1/34

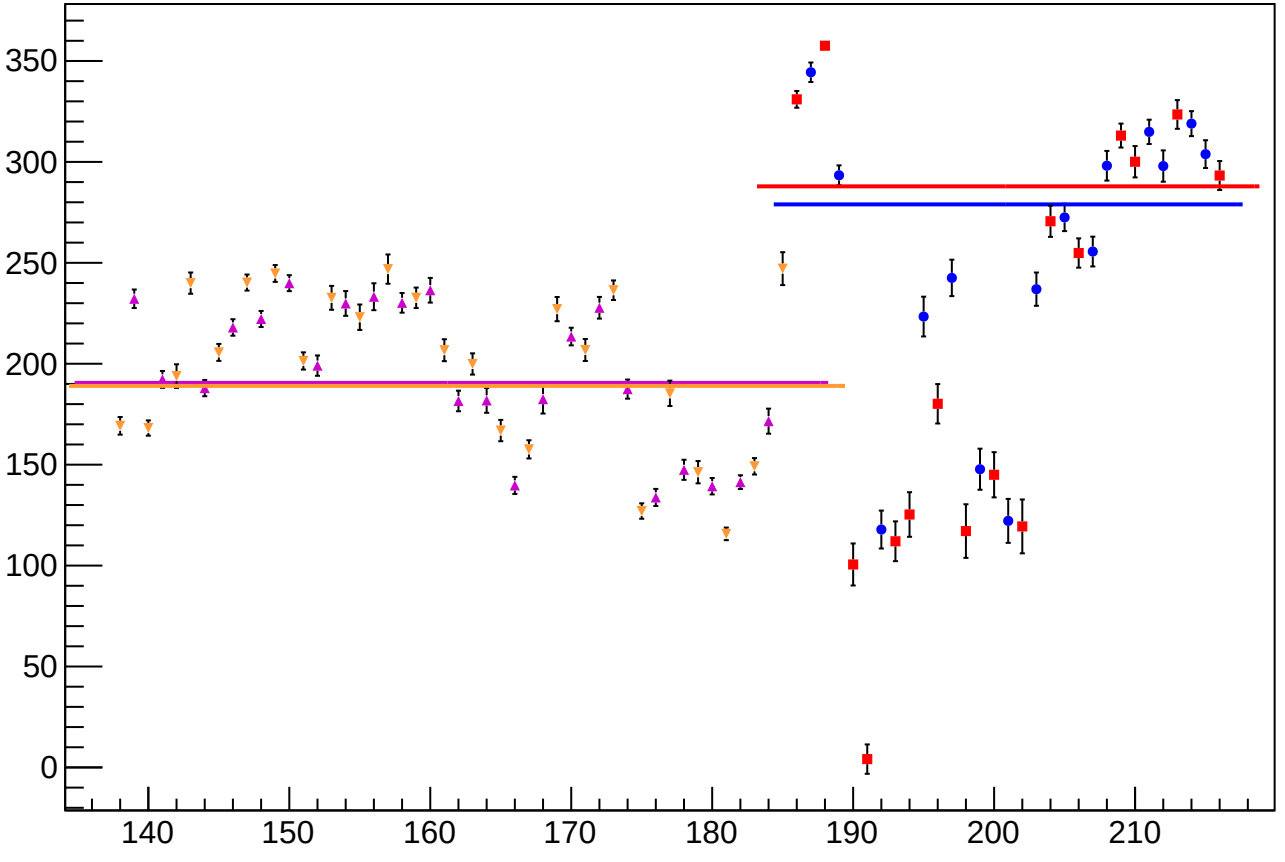
Left In: -139.360+/-0.045 χ^2/NDF:62449.0/22

+ sign -117.638+/-0.036 χ^2/NDF: 2453615.8/56

All: -116.564+/-0.025 χ^2/NDF: 4745129.2/11

- sign -115.494+/-0.036 χ^2/NDF: 2289743.8/57

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 278.951+/-1.824 χ^2/NDF: 1047.4/14

Left Out: 189.030+/-0.956 χ^2/NDF:1980.9/24

Right Out: 287.886+/-1.555 χ^2/NDF: 3940.7/15

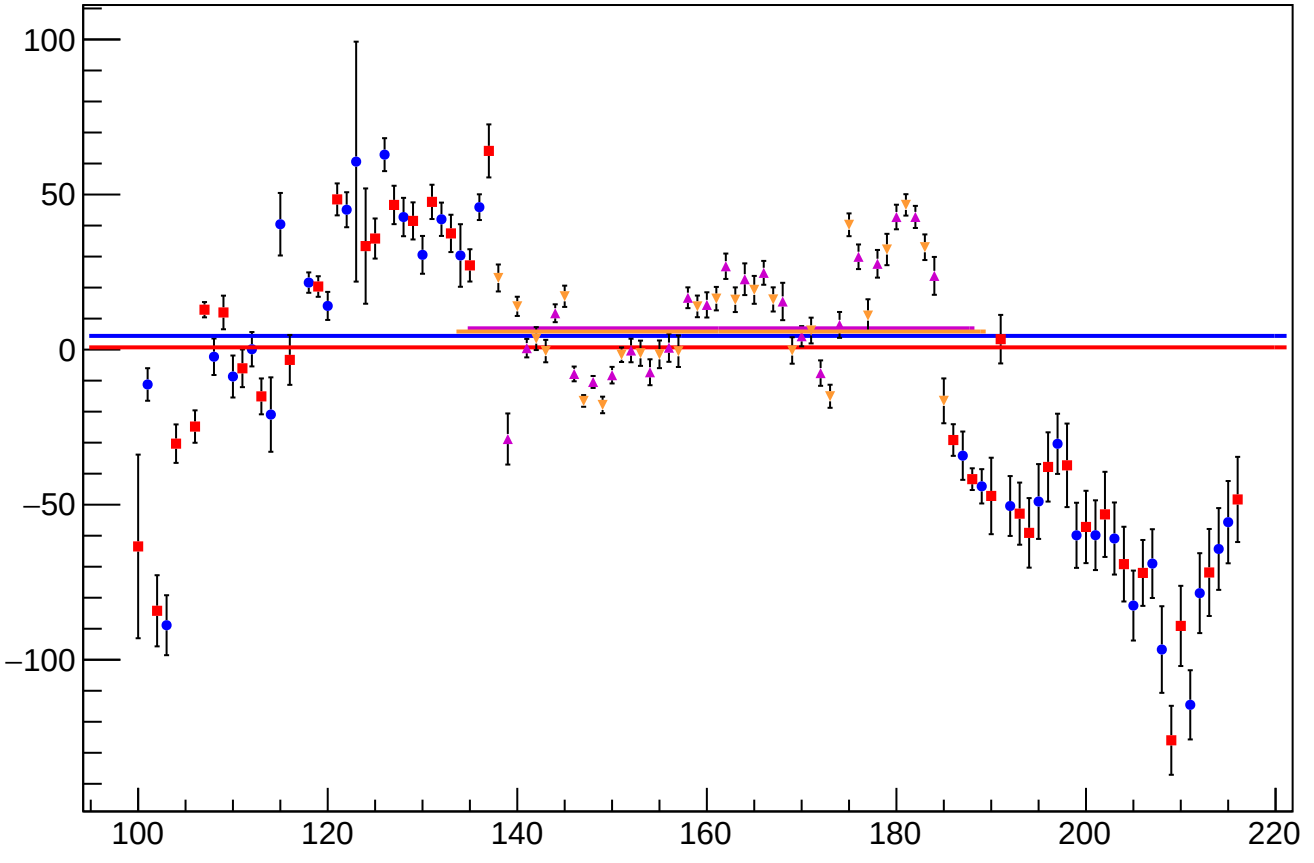
Left In: 190.506+/-0.975 χ^2/NDF:1412.7/22

\+ sign 208.411+/-0.847 χ^2/NDF: 4935.7/39

All: 213.315+/-0.591 χ^2/NDF: 13169.0/78

\- sign 217.985+/-0.826 χ^2/NDF: 8167.8/38

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 4.421+/-1.231 χ^2/NDF: 1170.8/31

Left Out: 5.834+/-0.712 χ^2/NDF:652.2/24

Right Out: 0.727+/-1.060 χ^2/NDF: 1202.7/34

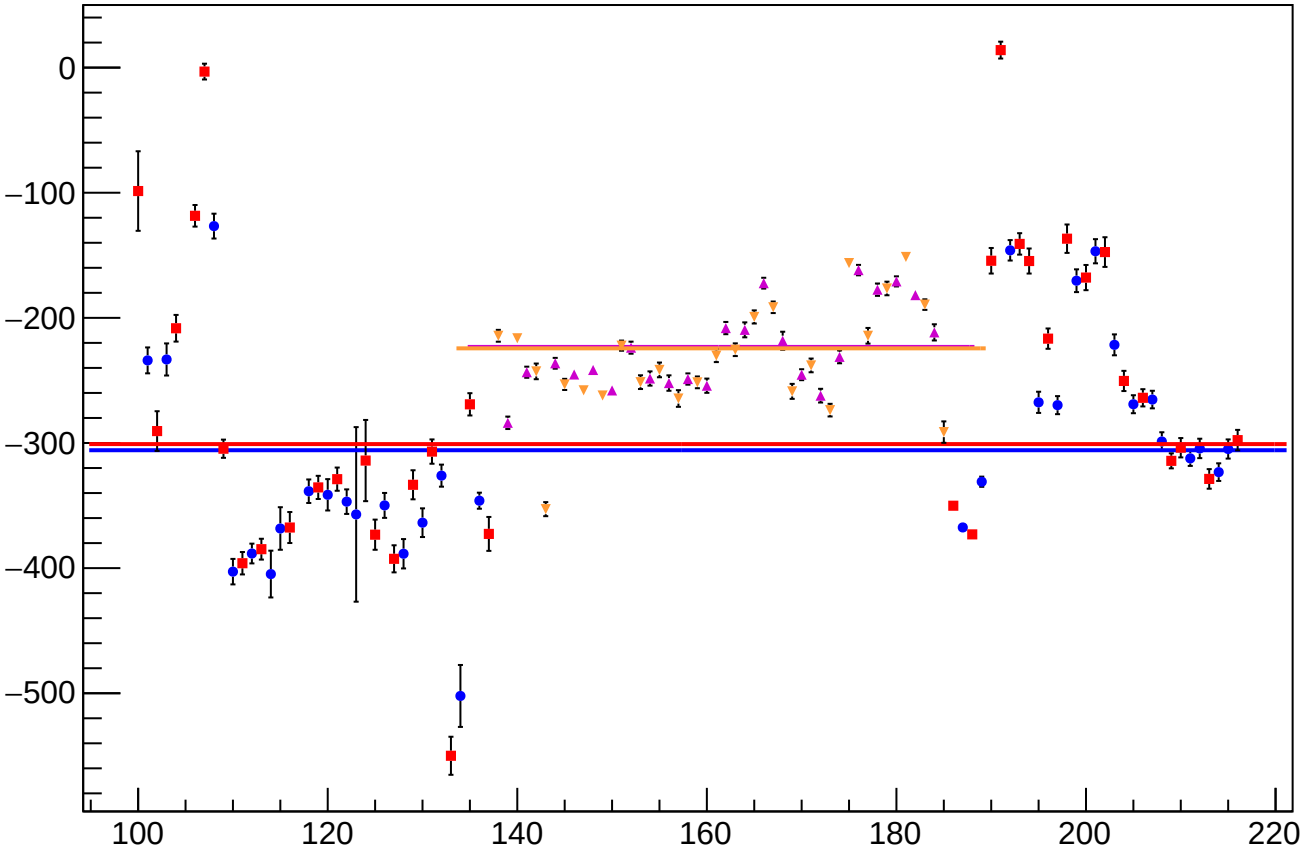
Left In: 6.862+/-0.736 χ^2/NDF:522.7/22

+ sign 5.480+/-0.617 χ^2/NDF: 1824.0/56

All: 5.167+/-0.432 χ^2/NDF: 3572.5/114

- sign 4.866+/-0.605 χ^2/NDF: 1748.0/57

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -305.782+/-1.417 χ^2/NDF: 2257.0/31

Left Out: -224.364+/-0.956 χ^2/NDF:2103.2/24

Right Out: -300.881+/-1.170 χ^2/NDF: 8677.7/34

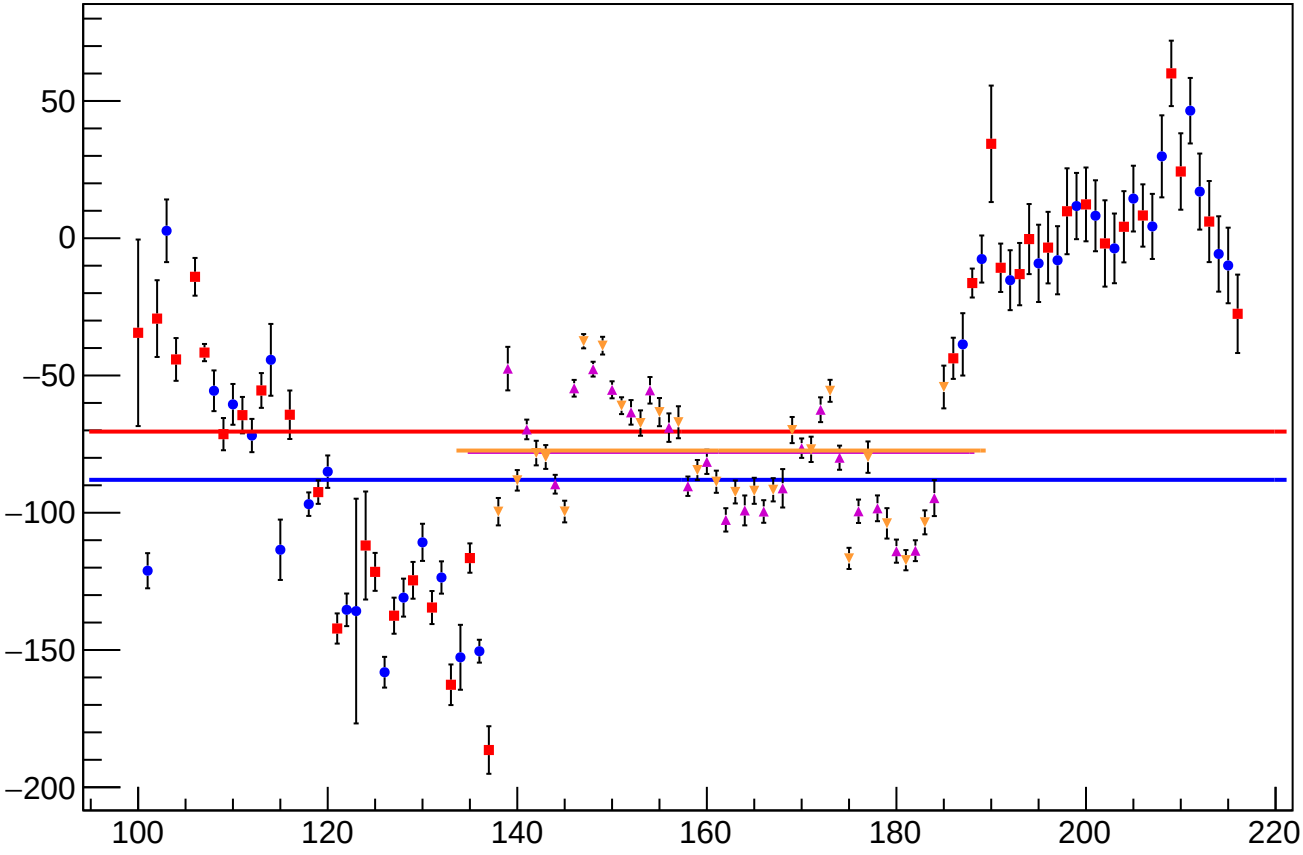
Left In: -223.223+/-0.969 χ^2/NDF:1269.3/22

+ sign -249.822+/-0.793 χ^2/NDF: 6628.0/56

All: -252.465+/-0.543 χ^2/NDF: 19207.5/114

- sign -254.810+/-0.746 χ^2/NDF: 12558.5/57

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -88.012+/-1.426 χ^2/NDF: 1553.8/31

Left Out: -77.343+/-0.827 χ^2/NDF:846.2/24

Right Out: -70.437+/-1.267 χ^2/NDF: 1764.4/34

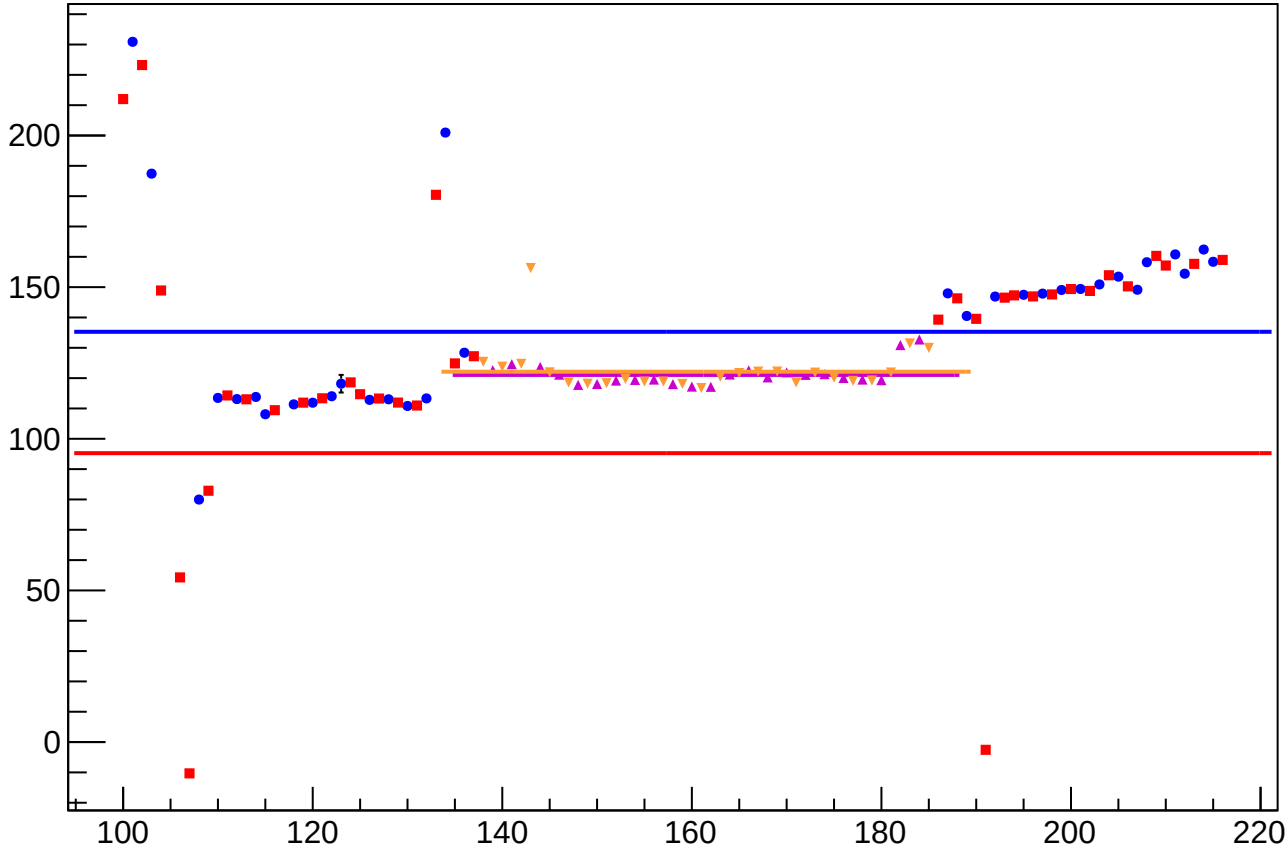
Left In: -77.838+/-0.849 χ^2/NDF:622.8/22

+ sign -80.027+/-0.715 χ^2/NDF: 2441.9/56

All: -77.754+/-0.502 χ^2/NDF: 4872.6/114

- sign -75.545+/-0.705 χ^2/NDF: 2410.8/57

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 135.282+/-0.072 χ^2/NDF: 211762.4/31

Left Out: 122.119+/-0.039 χ^2/NDF:30480.7/24

Right Out: 95.264+/-0.061 χ^2/NDF: 1167661.3/34

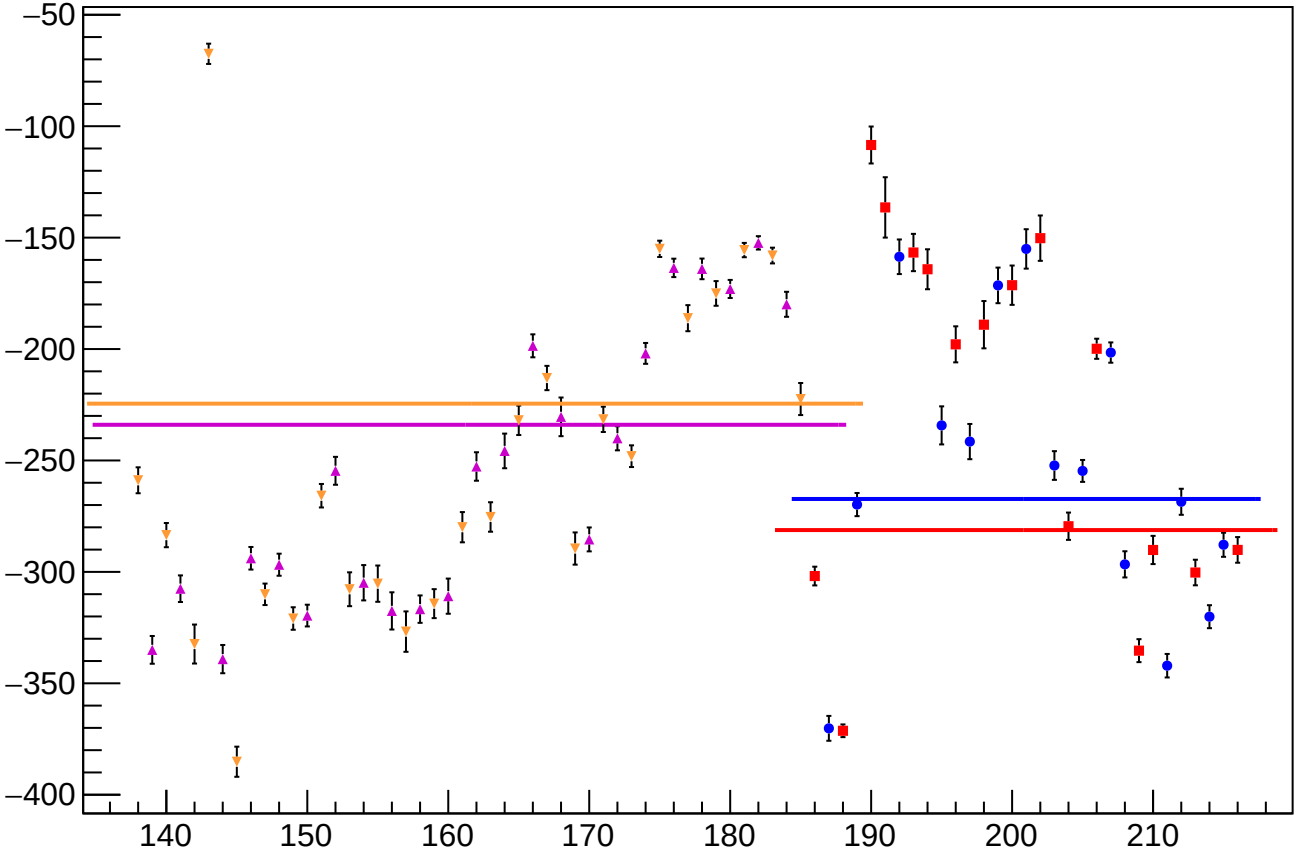
Left In: 121.055+/-0.040 χ^2/NDF:7931.6/22

+ sign 125.144+/-0.035 χ^2/NDF: 267878.9/56

All: 119.068+/-0.024 χ^2/NDF: 1627682.8/114

- sign 113.422+/-0.033 χ^2/NDF: 1300271.7/57

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -267.278+/-1.537 χ^2/NDF: 1432.1/14

Left Out: -224.501+/-1.079 χ^2/NDF:4870.6/24

Right Out: -281.234+/-1.456 χ^2/NDF: 2914.7/15

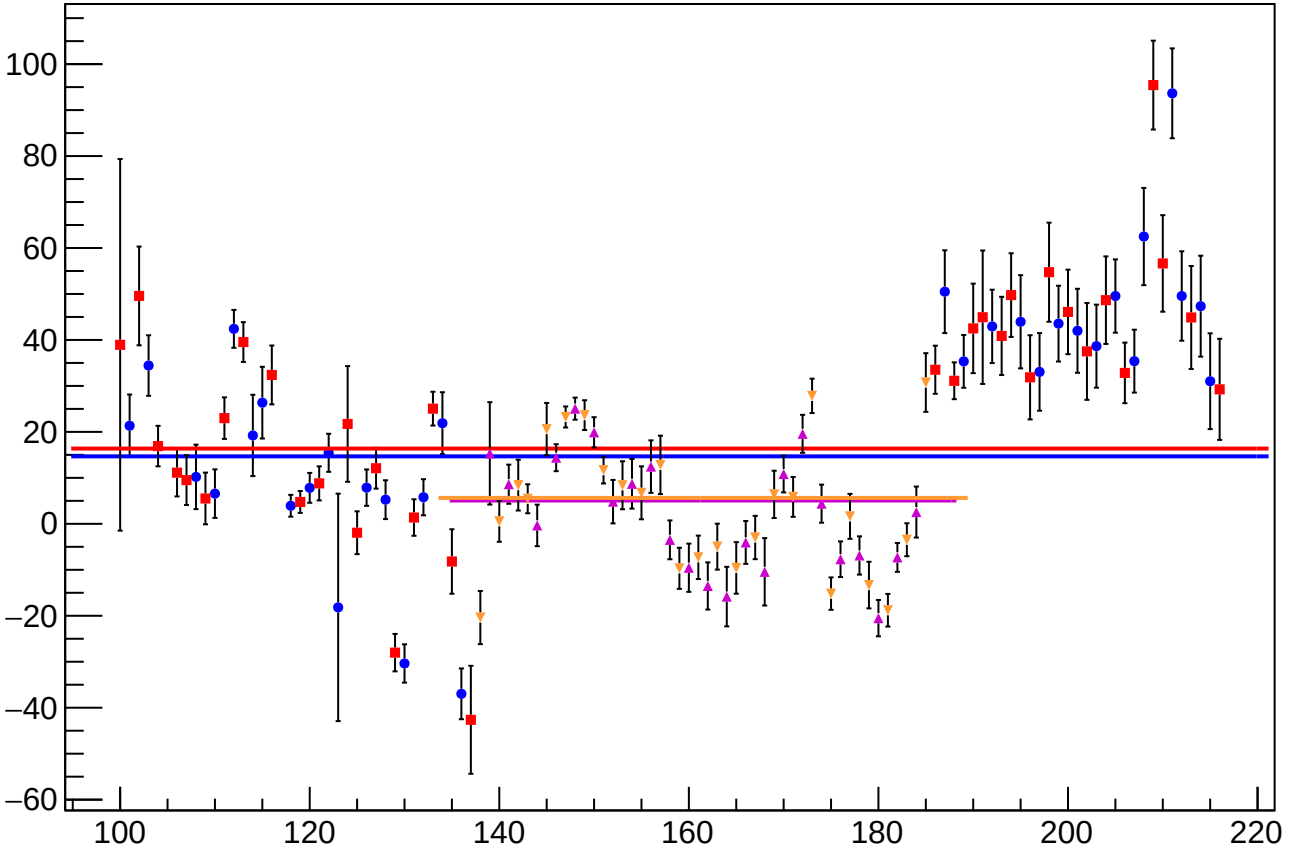
Left In: -233.988+/-1.109 χ^2/NDF:3538.4/22

\+ sign -238.628+/-0.883 χ^2/NDF: 6821.7/39

All: -244.984+/-0.624 χ^2/NDF: 14044.9/78

\- sign -251.326+/-0.882 χ^2/NDF: 7119.7/38

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 14.678+/-0.988 χ^2/NDF: 527.0/31

Left Out: 5.638+/-0.828 χ^2/NDF:313.6/24

Right Out: 16.375+/-0.945 χ^2/NDF: 468.6/34

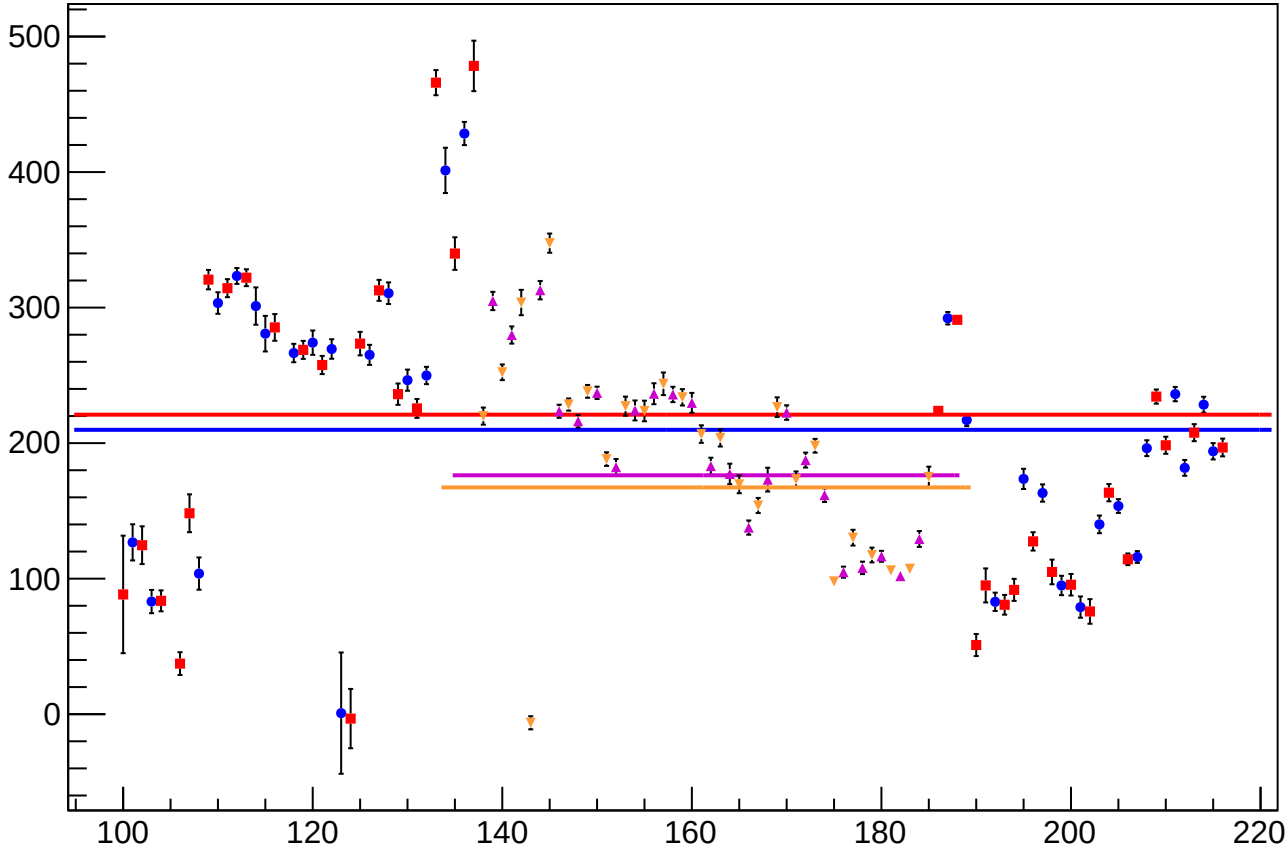
Left In: 5.077+/-0.869 χ^2/NDF:239.7/22

\+ sign 9.367+/-0.635 χ^2/NDF: 889.8/56

All: 9.807+/-0.450 χ^2/NDF: 1676.5/114

\- sign 10.255+/-0.640 χ^2/NDF: 785.7/57

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 209.822+/-1.201 χ^2/NDF: 4260.8/31

Left Out: 167.327+/-1.082 χ^2/NDF:4454.5/24

Right Out: 220.998+/-1.092 χ^2/NDF: 6609.7/34

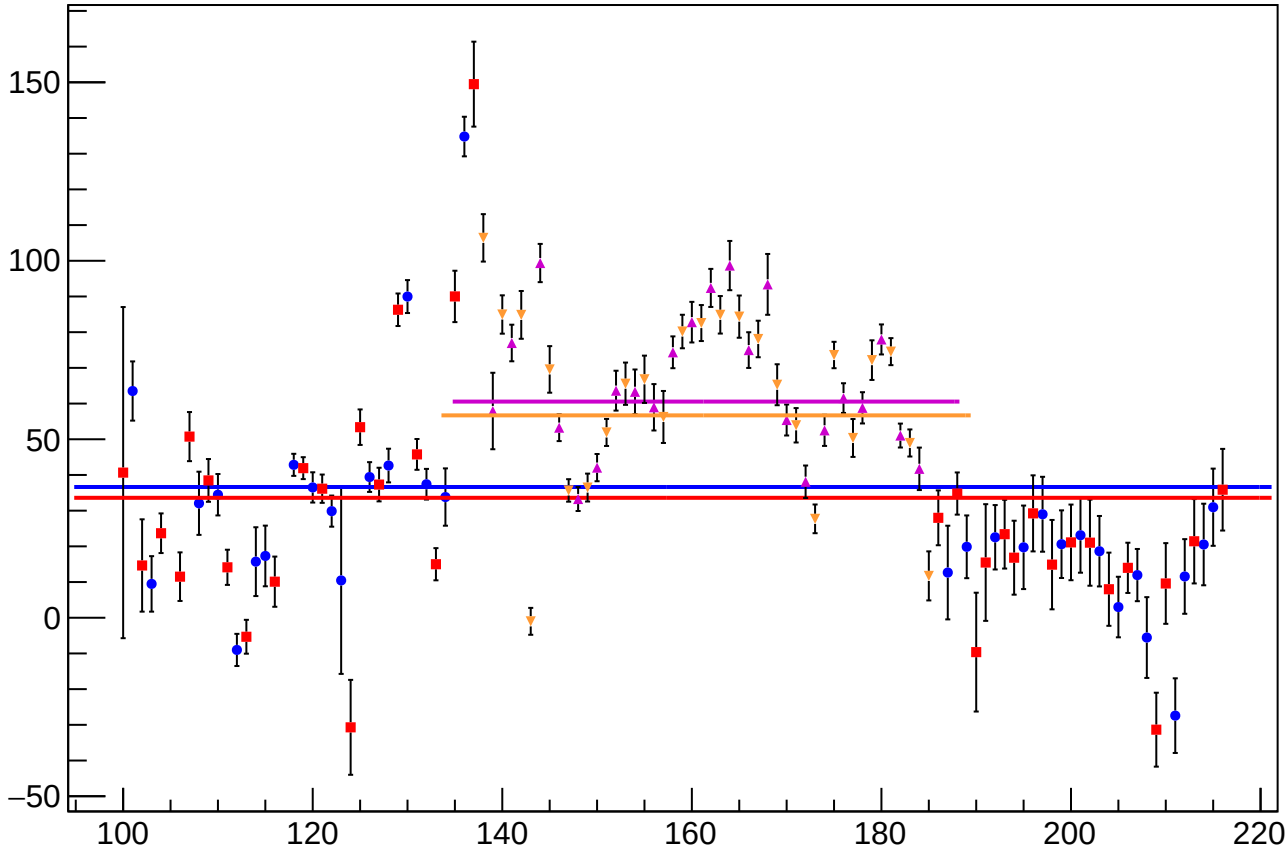
Left In: 176.272+/-1.106 χ^2/NDF:3169.5/22

+ sign 186.373+/-0.804 χ^2/NDF: 9405.9/56

All: 192.863+/-0.559 χ^2/NDF: 20139.6/114

- sign 198.921+/-0.777 χ^2/NDF: 10607.7/57

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 36.629+/-1.142 χ^2/NDF: 698.9/31

Left Out: 56.695+/-0.952 χ^2/NDF:690.4/24

Right Out: 33.601+/-1.105 χ^2/NDF: 555.6/34

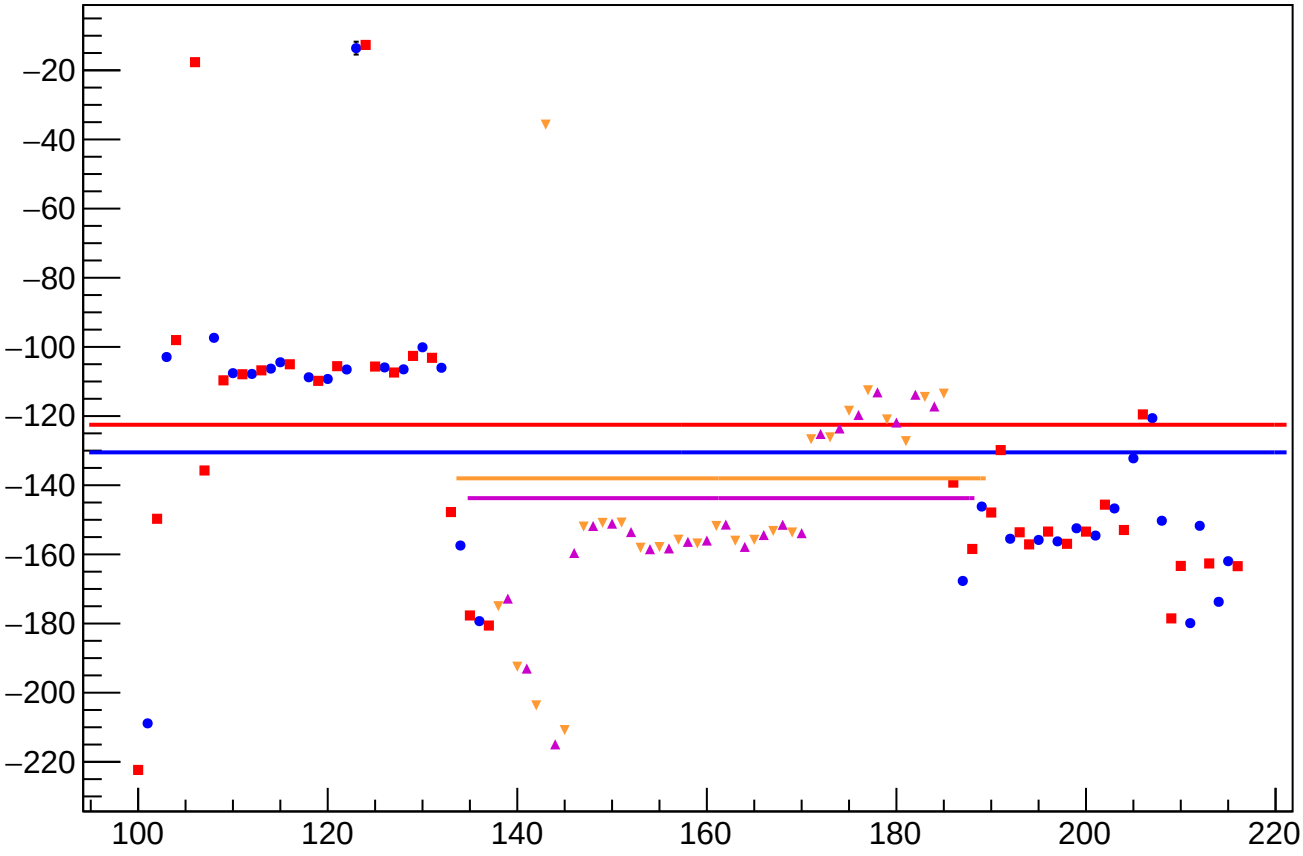
Left In: 60.555+/-0.990 χ^2/NDF:335.6/22

+ sign 48.473+/-0.731 χ^2/NDF: 1571.4/56

All: 48.510+/-0.519 χ^2/NDF: 2792.7/114

- sign 48.549+/-0.737 χ^2/NDF: 1221.3/57

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -130.496+/-0.061 χ^2/NDF: 229377.0/31

Left Out: -138.008+/-0.045 χ^2/NDF:565767.2/24

Right Out: -122.512+/-0.057 χ^2/NDF: 484656.9/34

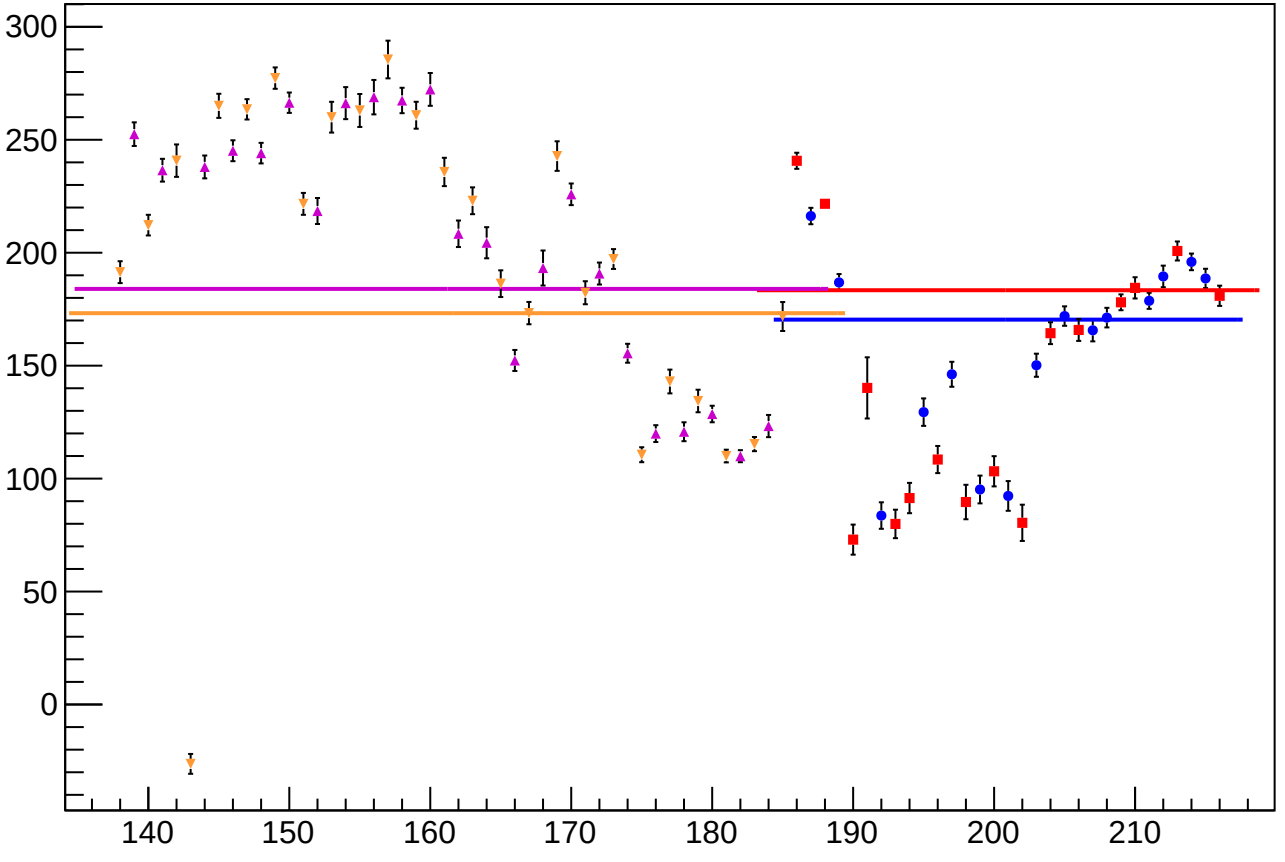
Left In: -143.735+/-0.046 χ^2/NDF:258408.3/22

+ sign -135.340+/-0.036 χ^2/NDF: 804986.1/56

All: -135.383+/-0.026 χ^2/NDF: 1631040.2/11

- sign -135.426+/-0.036 χ^2/NDF: 826051.3/57

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 170.378+/-1.175 χ^2/NDF: 857.1/14

Left Out: 173.229+/-0.966 χ^2/NDF:5846.0/24

Right Out: 183.396+/-1.089 χ^2/NDF: 2086.7/15

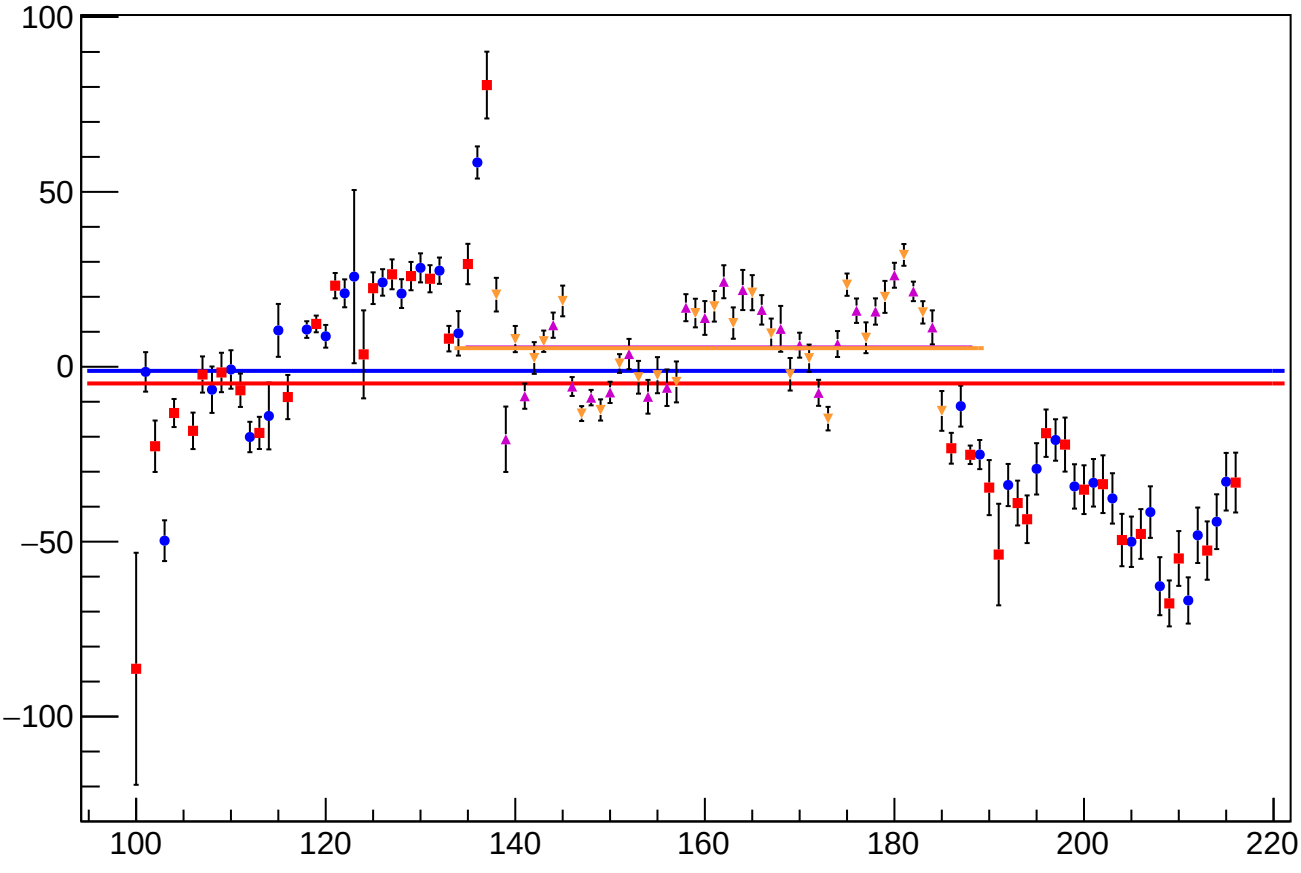
Left In: 183.984+/-0.991 χ^2/NDF:3613.7/22

+ sign 172.080+/-0.746 χ^2/NDF: 6706.6/39

All: 178.002+/-0.523 χ^2/NDF: 12531.0/78

- sign 183.718+/-0.733 χ^2/NDF: 5700.5/38

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: -1.173+/-0.908 χ^2/NDF: 987.8/31

Left Out: 5.321+/-0.747 χ^2/NDF:345.5/24

Right Out: -4.767+/-0.861 χ^2/NDF: 931.6/34

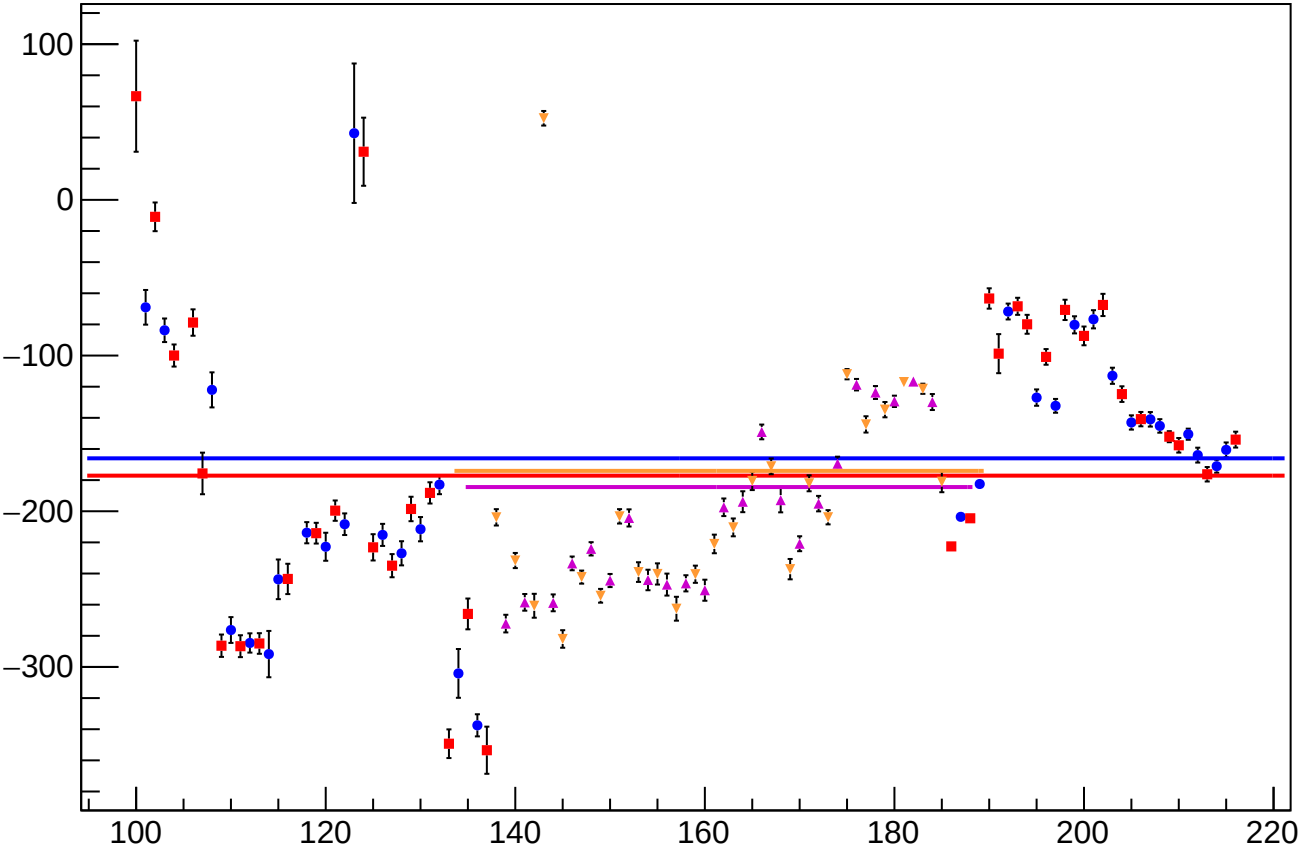
Left In: 5.527+/-0.781 χ^2/NDF:256.3/22

+ sign 2.699+/-0.577 χ^2/NDF: 1363.8/56

All: 1.791+/-0.408 χ^2/NDF: 2635.2/114

- sign 0.879+/-0.578 χ^2/NDF: 1266.4/57

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -166.009+/-0.974 χ^2/NDF: 3143.0/31

Left Out: -174.061+/-0.971 χ^2/NDF:5443.3/24

Right Out: -177.130+/-0.865 χ^2/NDF: 5004.7/34

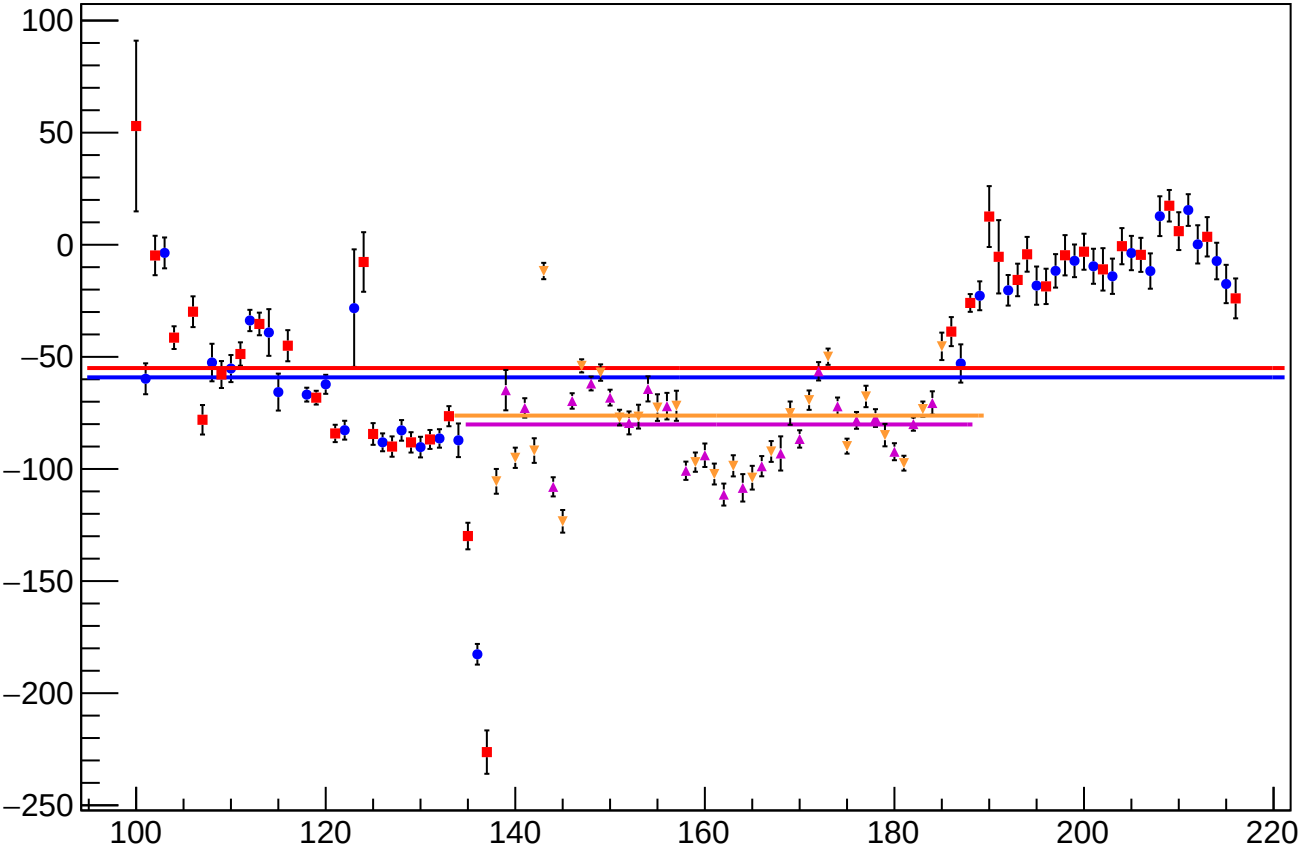
Left In: -184.456+/-0.991 χ^2/NDF:3051.6/22

+ sign -170.048+/-0.688 χ^2/NDF: 8620.5/56

All: -175.450+/-0.473 χ^2/NDF: 16825.0/114

- sign -180.302+/-0.652 χ^2/NDF: 8087.3/57

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -59.142+/-1.053 χ^2/NDF: 1668.7/31

Left Out: -76.182+/-0.857 χ^2/NDF:801.0/24

Right Out: -54.990+/-1.018 χ^2/NDF: 1470.2/34

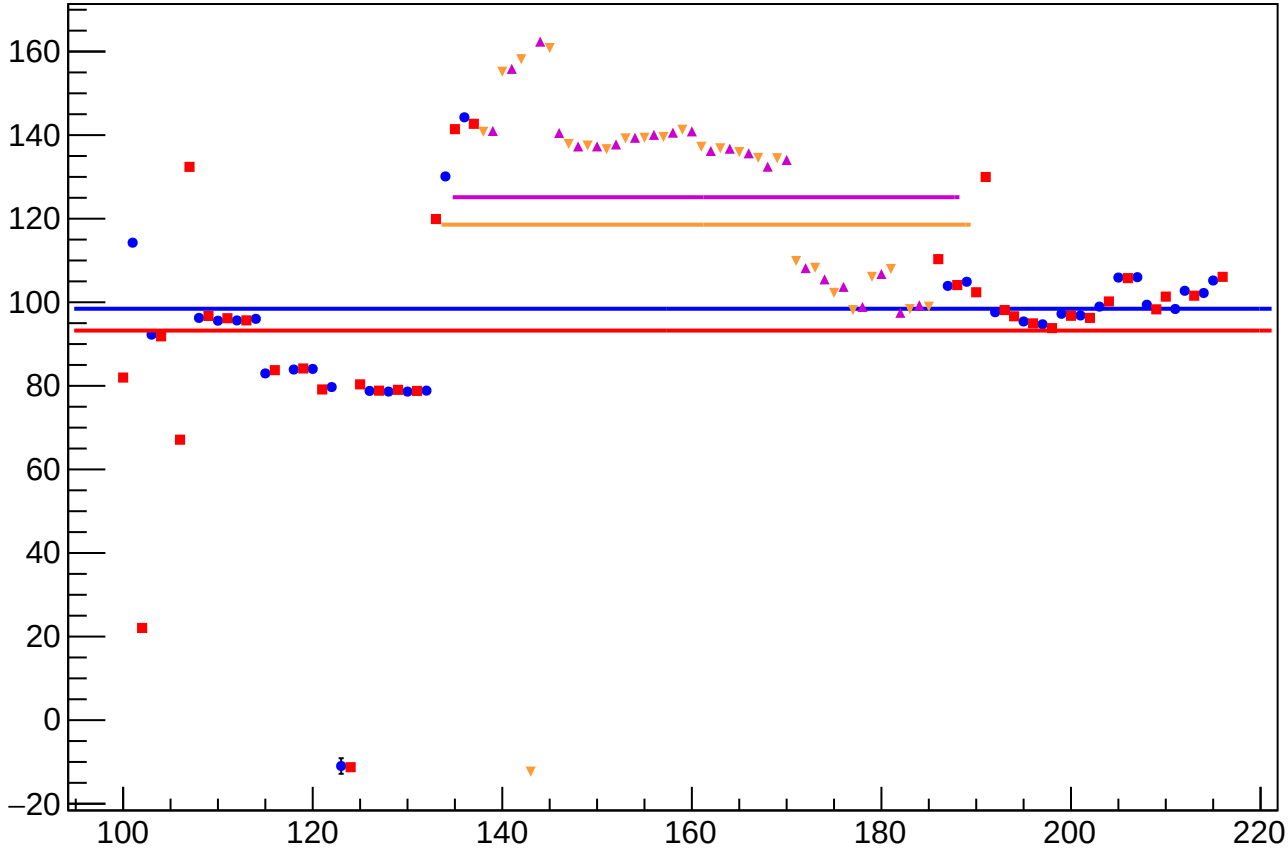
Left In: -80.149+/-0.889 χ^2/NDF:283.3/22

+ sign -69.389+/-0.665 χ^2/NDF: 2627.2/56

All: -69.327+/-0.472 χ^2/NDF: 4727.3/114

- sign -69.263+/-0.670 χ^2/NDF: 2100.0/57

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 98.448+/-0.053 χ^2/NDF: 96529.7/31

Left Out: 118.569+/-0.040 χ^2/NDF:728689.7/24

Right Out: 93.230+/-0.050 χ^2/NDF: 244972.5/34

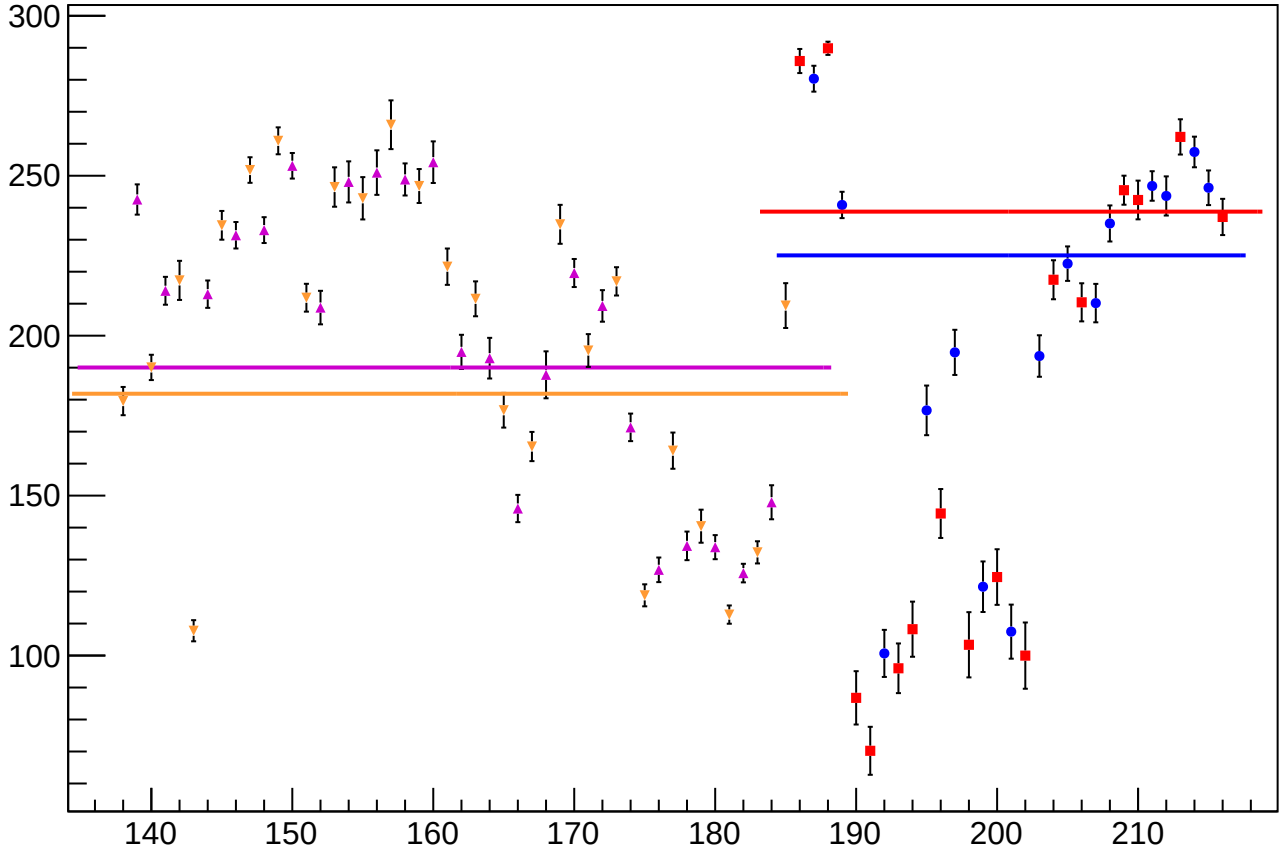
Left In: 125.139+/-0.041 χ^2/NDF:220927.1/22

+ sign 111.137+/-0.032 χ^2/NDF: 916419.7/56

All: 111.672+/-0.023 χ^2/NDF: 1625207.9/114

- sign 112.196+/-0.032 χ^2/NDF: 708240.4/57

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 225.098+/-1.452 χ^2/NDF: 1035.0/14

Left Out: 181.850+/-0.913 χ^2/NDF:3303.4/24

Right Out: 238.777+/-1.279 χ^2/NDF: 2907.3/15

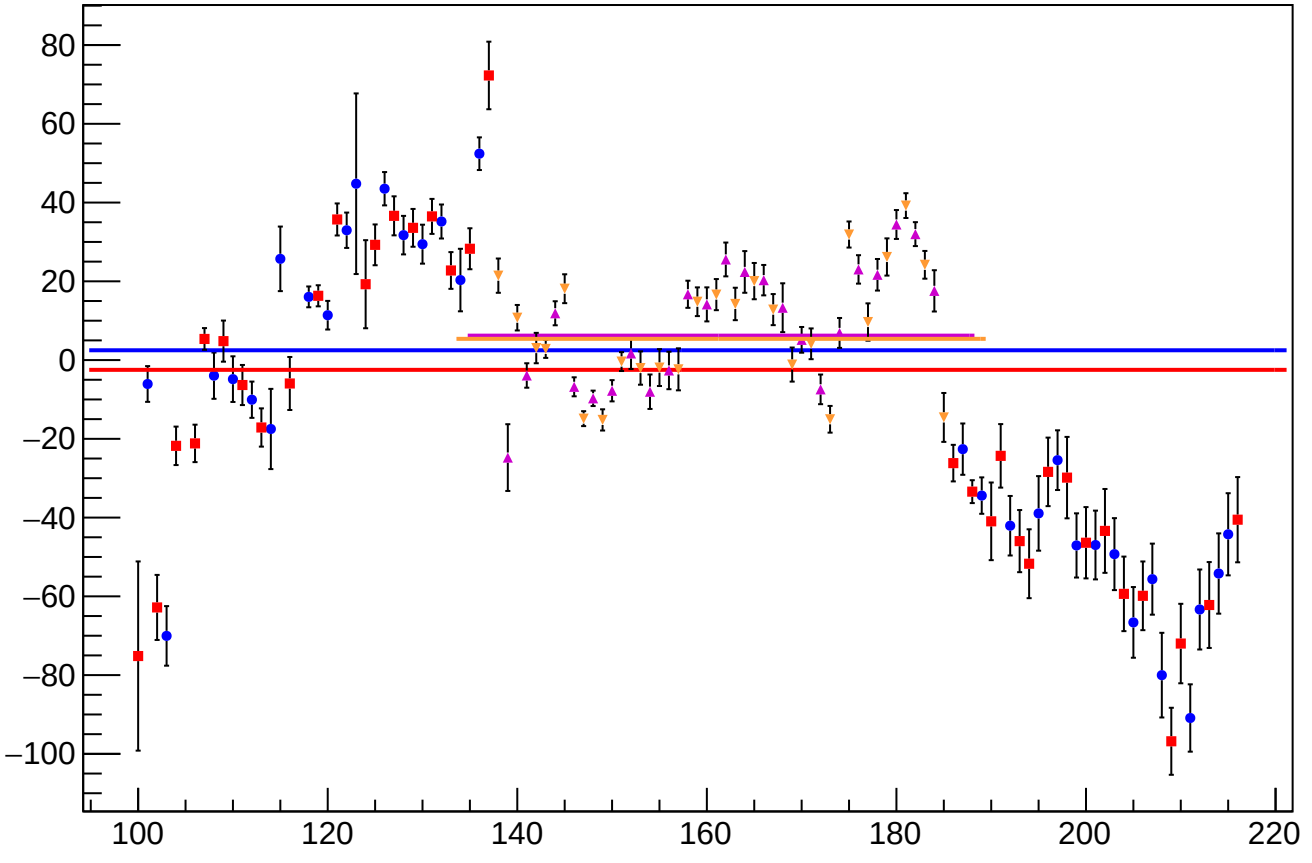
Left In: 190.048+/-0.953 χ^2/NDF:2438.4/22

+ sign 194.107+/-0.773 χ^2/NDF: 4973.9/39

All: 200.847+/-0.544 χ^2/NDF: 11402.8/78

- sign 207.432+/-0.764 χ^2/NDF: 6278.7/38

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 2.489+/-1.018 χ^2/NDF: 1185.2/31

Left Out: 5.394+/-0.688 χ^2/NDF:526.5/24

Right Out: -2.481+/-0.921 χ^2/NDF: 1198.1/34

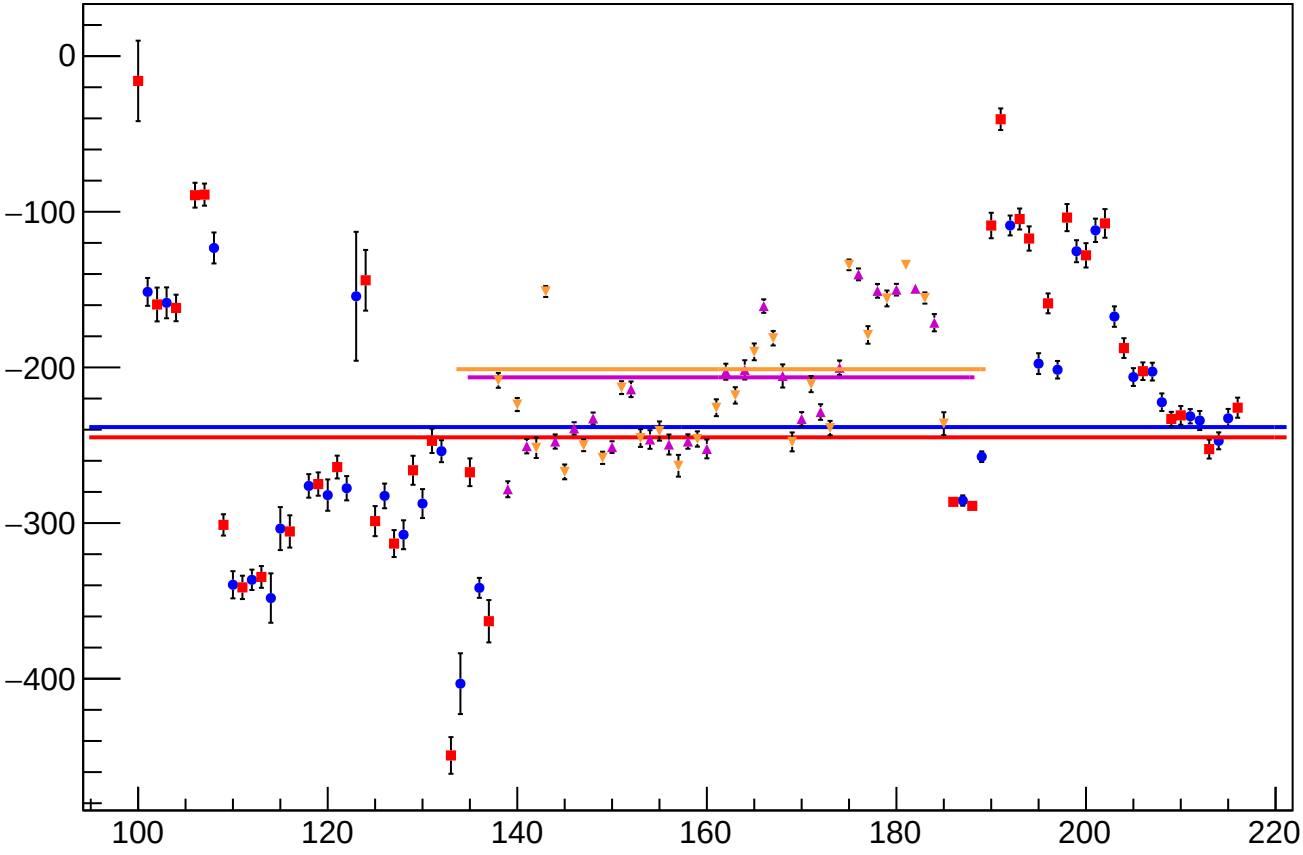
Left In: 6.206+/-0.732 χ^2/NDF:407.5/22

+ sign 4.483+/-0.570 χ^2/NDF: 1717.3/56

All: 3.669+/-0.404 χ^2/NDF: 3381.5/114

- sign 2.847+/-0.573 χ^2/NDF: 1660.2/57

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -238.328+/-1.154 χ^2/NDF: 2707.0/31

Left Out: -201.144+/-0.918 χ^2/NDF:2488.8/24

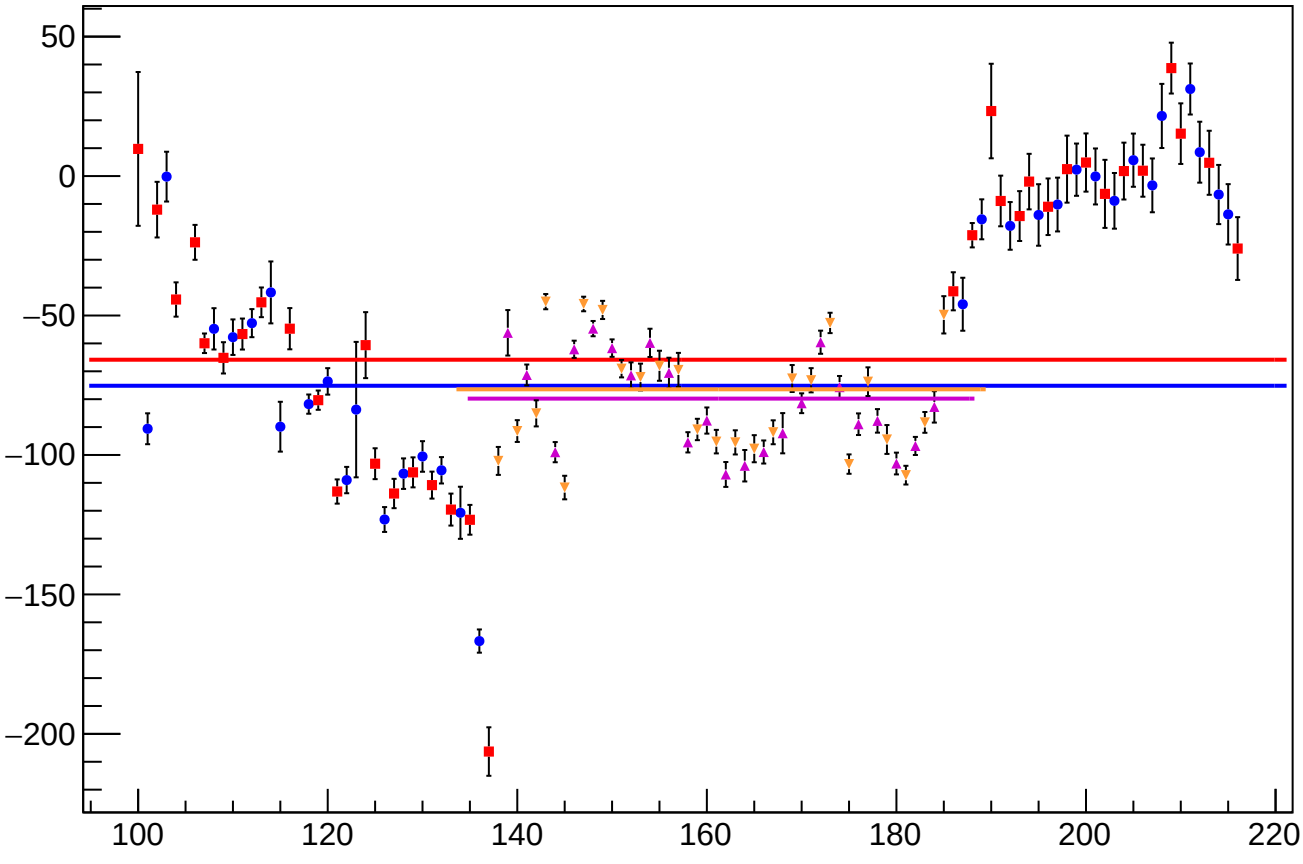
Right Out: -244.917+/-0.981 χ^2/NDF: 5845.6/34

Left In: -206.379+/-0.950 χ^2/NDF:2111.6/22

+ sign -215.554+/-0.718 χ^2/NDF: 5831.9/56

All: -220.532+/-0.495 χ^2/NDF: 14677.2/114

- sign -225.023+/-0.682 χ^2/NDF: 8754.0/57



Right In: -75.184+/-1.182 χ^2/NDF: 1732.7/31

Left Out: -76.460+/-0.797 χ^2/NDF:781.3/24

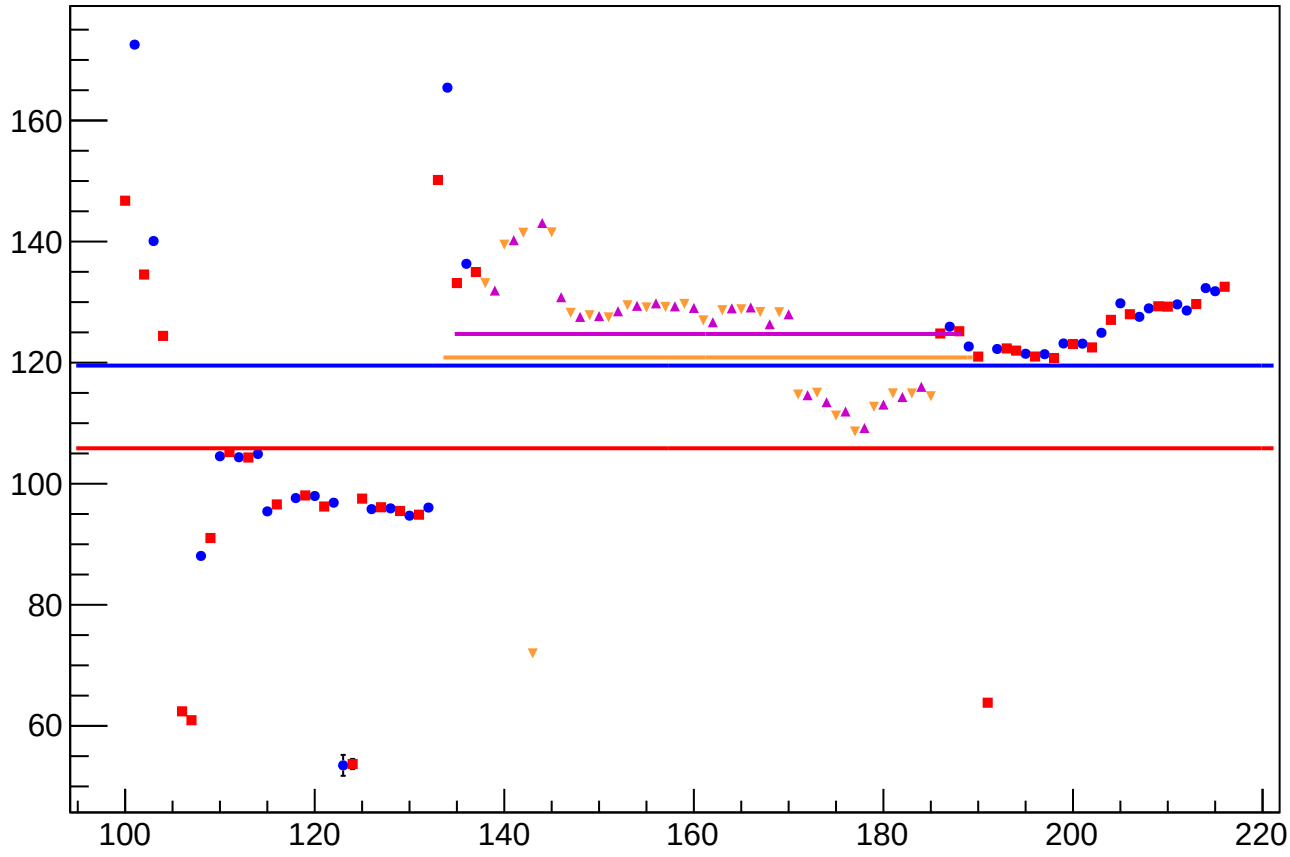
Right Out: -65.848+/-1.096 χ^2/NDF: 1713.1/34

Left In: -79.792+/-0.840 χ^2/NDF:412.3/22

+ sign -76.061+/-0.661 χ^2/NDF: 2514.8/56

All: -75.353+/-0.469 χ^2/NDF: 4744.5/114

- sign -74.633+/-0.667 χ^2/NDF: 2227.4/57



Right In: 119.516+/-0.061 χ^2/NDF: 111883.1/31

Left Out: 120.855+/-0.038 χ^2/NDF:182759.1/24

Right Out: 105.858+/-0.054 χ^2/NDF: 251870.2/34

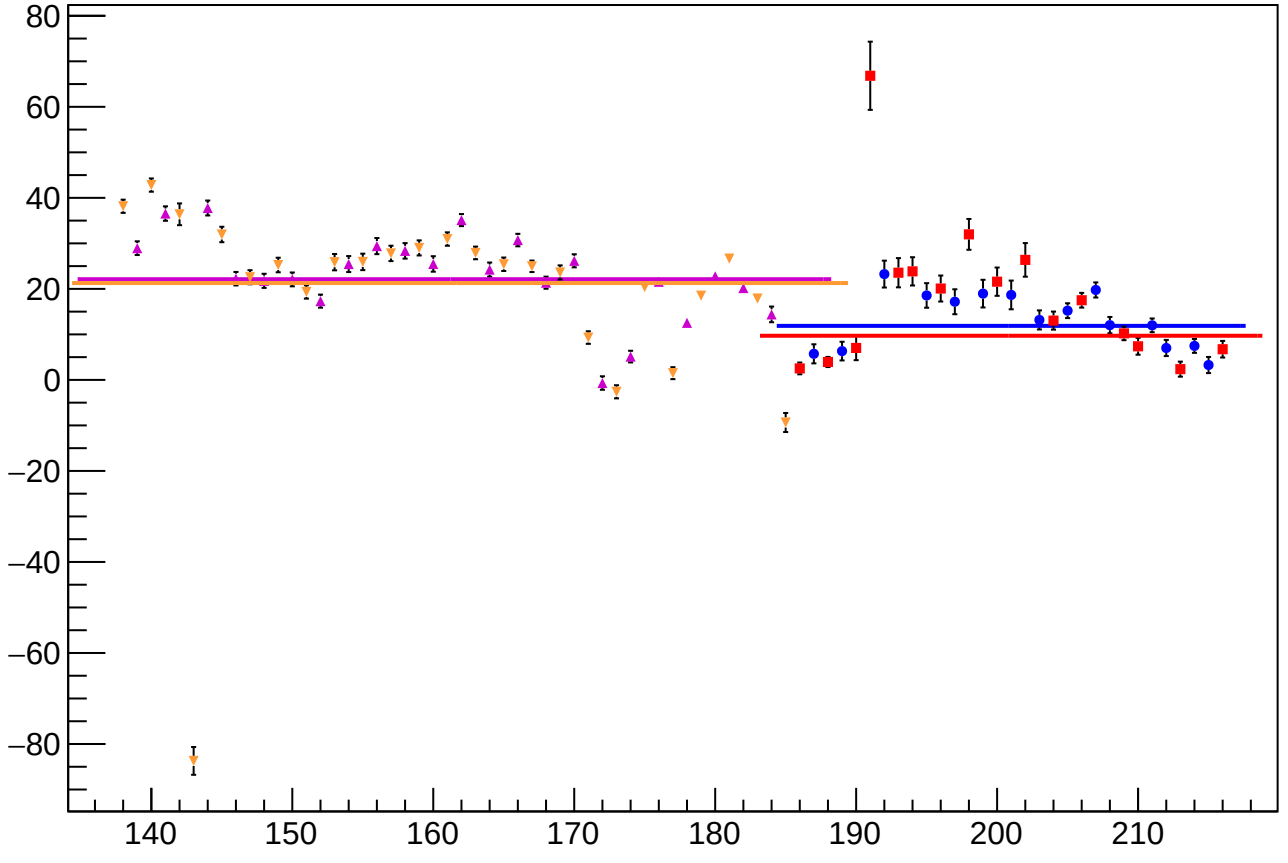
Left In: 124.738+/-0.039 χ^2/NDF:51298.3/22

+ sign 120.478+/-0.032 χ^2/NDF: 294991.3/56

All: 119.314+/-0.023 χ^2/NDF: 680991.1/114

- sign 118.188+/-0.032 χ^2/NDF: 383438.1/57

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 11.873+/-0.510 χ^2/NDF: 117.1/14

Left Out: 21.282+/-0.282 χ^2/NDF:2600.5/24

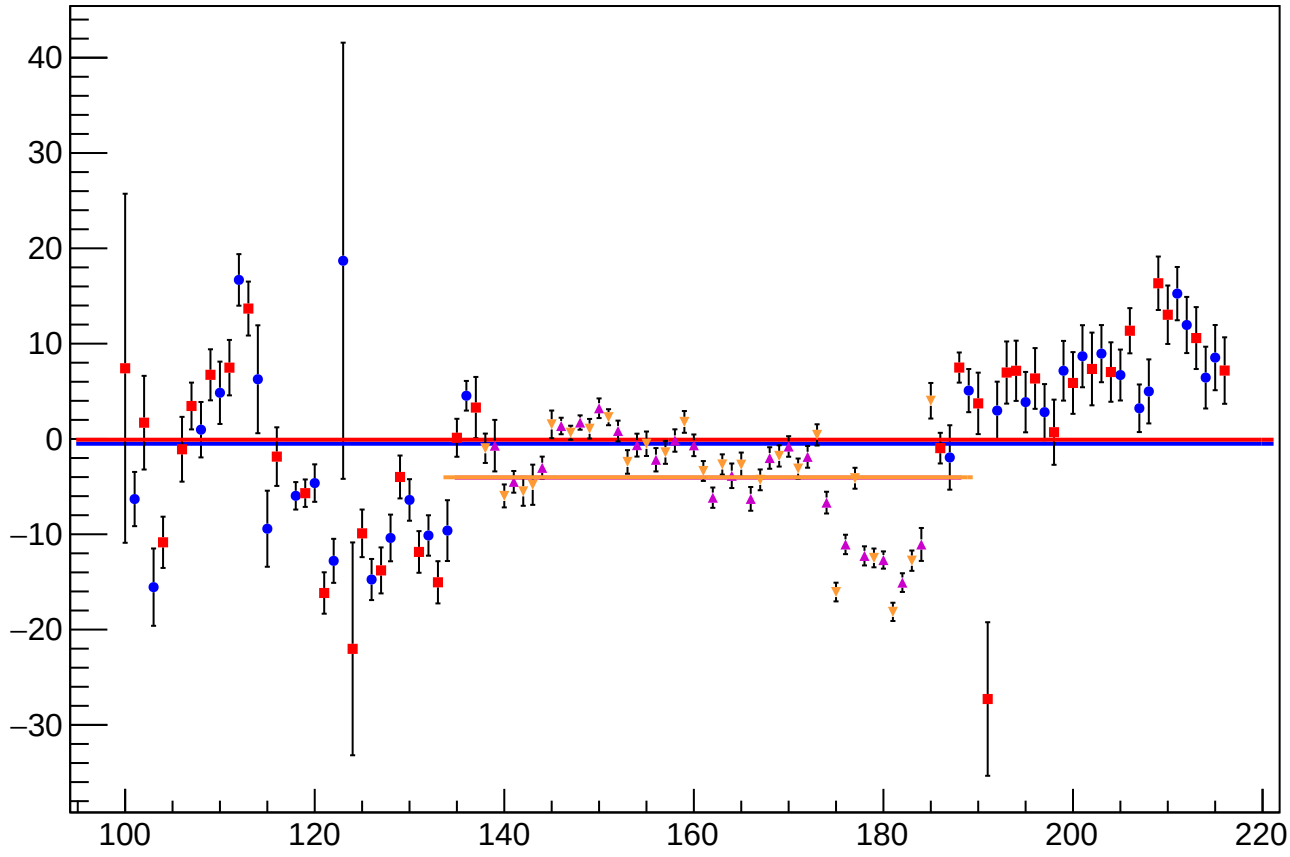
Right Out: 9.700+/-0.489 χ^2/NDF: 297.5/15

Left In: 22.127+/-0.285 χ^2/NDF:900.2/22

+ sign 19.076+/-0.247 χ^2/NDF: 2977.7/39

All: 19.020+/-0.175 χ^2/NDF: 4657.8/78

- sign 18.964+/-0.246 χ^2/NDF: 1680.0/38



Right In: -0.502+/-0.466 χ^2/NDF: 329.9/31

Left Out: -4.022+/-0.223 χ^2/NDF:734.1/24

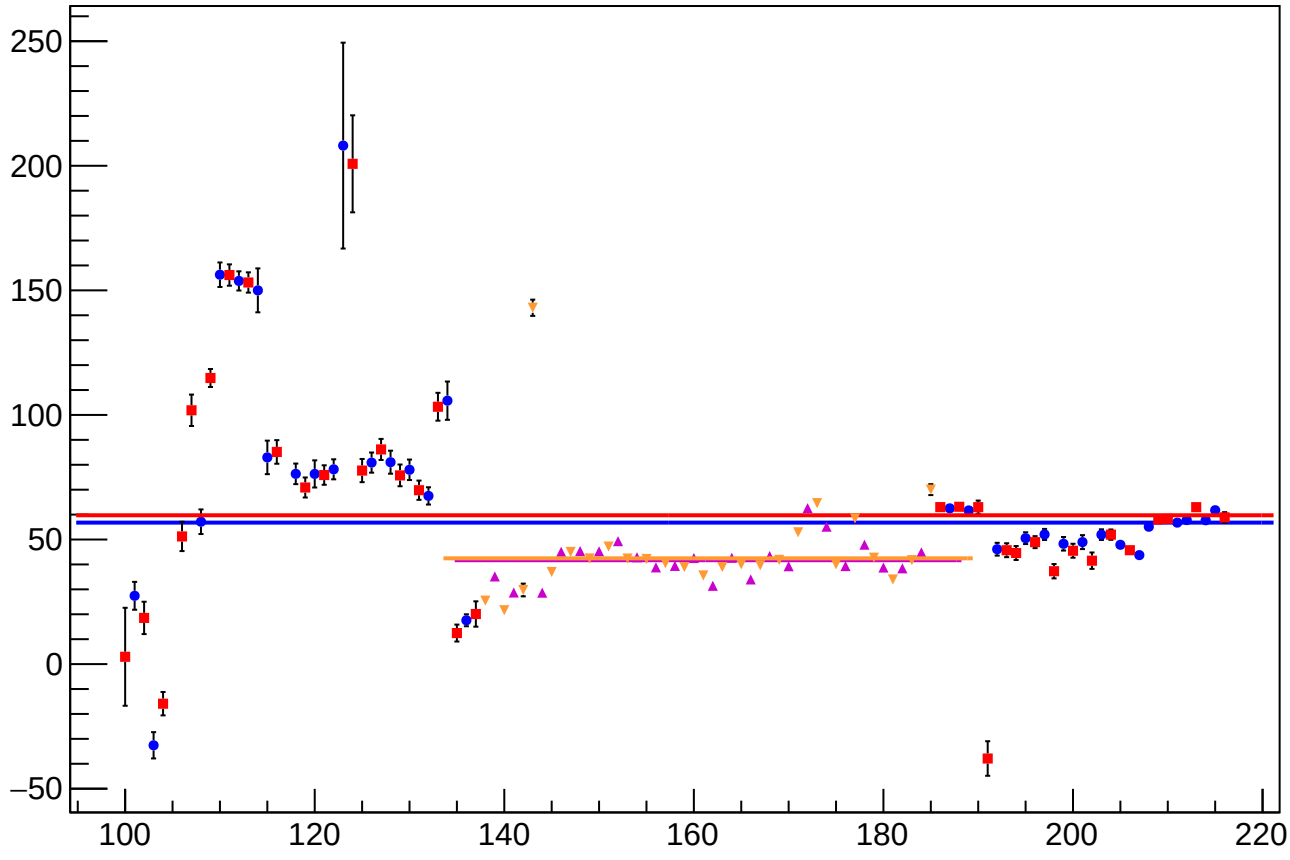
Right Out: -0.079+/-0.445 χ^2/NDF: 409.5/34

Left In: -4.059+/-0.228 χ^2/NDF:577.2/22

\+ sign -3.365+/-0.201 χ^2/NDF: 1110.5/56

All: -3.298+/-0.143 χ^2/NDF: 2160.8/114

\- sign -3.231+/-0.203 χ^2/NDF: 1050.1/57



Right In: 56.788+/-0.451 χ^2/NDF: 2142.3/31

Left Out: 42.452+/-0.282 χ^2/NDF:2016.0/24

Right Out: 59.733+/-0.412 χ^2/NDF: 2633.0/34

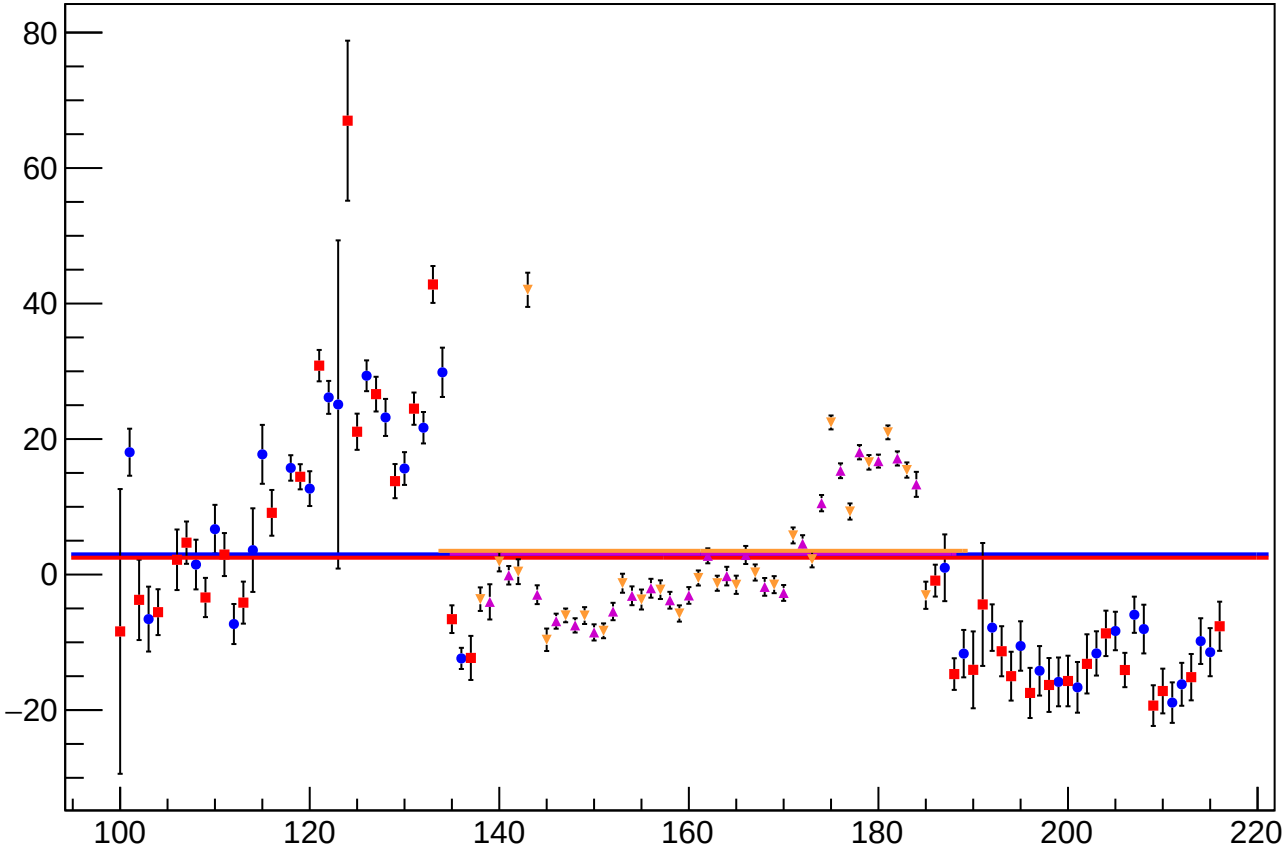
Left In: 41.695+/-0.284 χ^2/NDF:630.2/22

+ sign 46.484+/-0.239 χ^2/NDF: 4885.4/56

All: 47.007+/-0.167 χ^2/NDF: 9457.0/114

- sign 47.508+/-0.234 χ^2/NDF: 4562.1/57

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 2.981+/-0.529 χ^2/NDF: 928.3/31

Left Out: 3.505+/-0.252 χ^2/NDF:1691.3/24

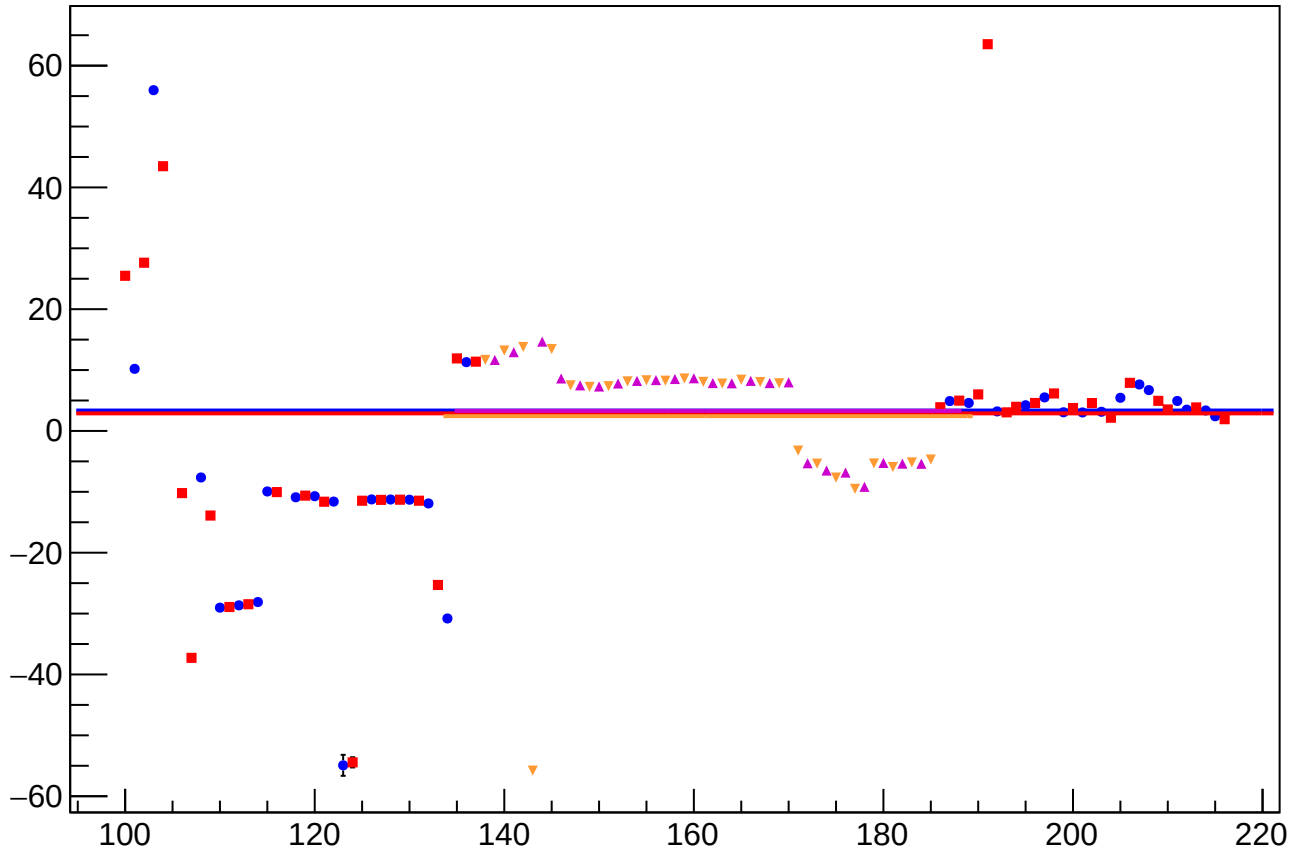
Right Out: 2.488+/-0.521 χ^2/NDF: 1111.1/34

Left In: 3.081+/-0.257 χ^2/NDF:1265.7/22

+ sign 3.408+/-0.228 χ^2/NDF: 2620.4/56

All: 3.189+/-0.162 χ^2/NDF: 5000.2/114

- sign 2.965+/-0.230 χ^2/NDF: 2377.9/57



Right In: 3.350+/-0.025 χ^2/NDF: 362423.6/31

Left Out: 2.425+/-0.012 χ^2/NDF:616382.5/24

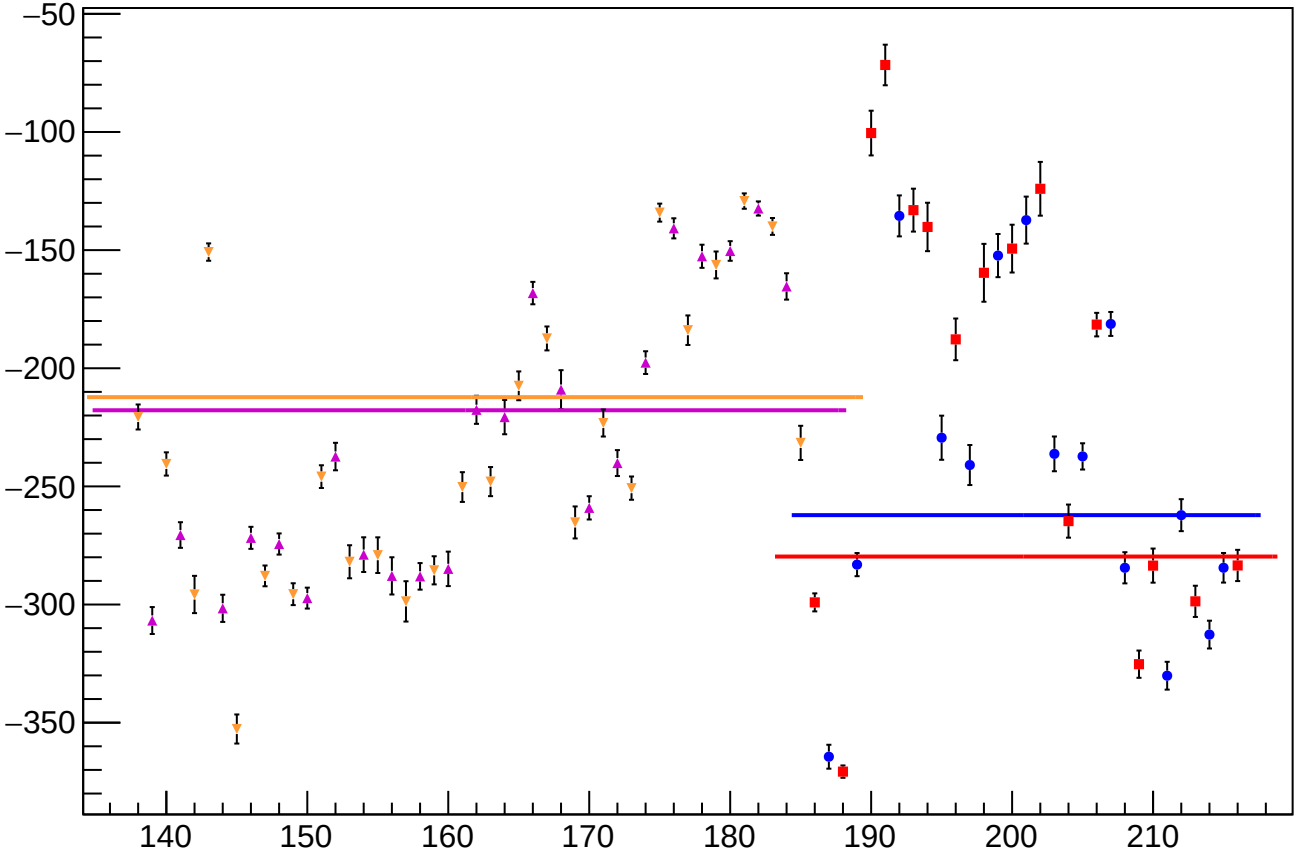
Right Out: 2.884+/-0.025 χ^2/NDF: 434553.8/34

Left In: 3.293+/-0.012 χ^2/NDF:404323.8/22

+ sign 2.590+/-0.010 χ^2/NDF: 979947.1/56

All: 2.902+/-0.007 χ^2/NDF: 1820833.1/114

- sign 3.218+/-0.011 χ^2/NDF: 839102.9/57



Right In: -262.166+/-1.669 χ^2/NDF: 1478.5/14

Left Out: -212.231+/-1.029 χ^2/NDF:3875.4/24

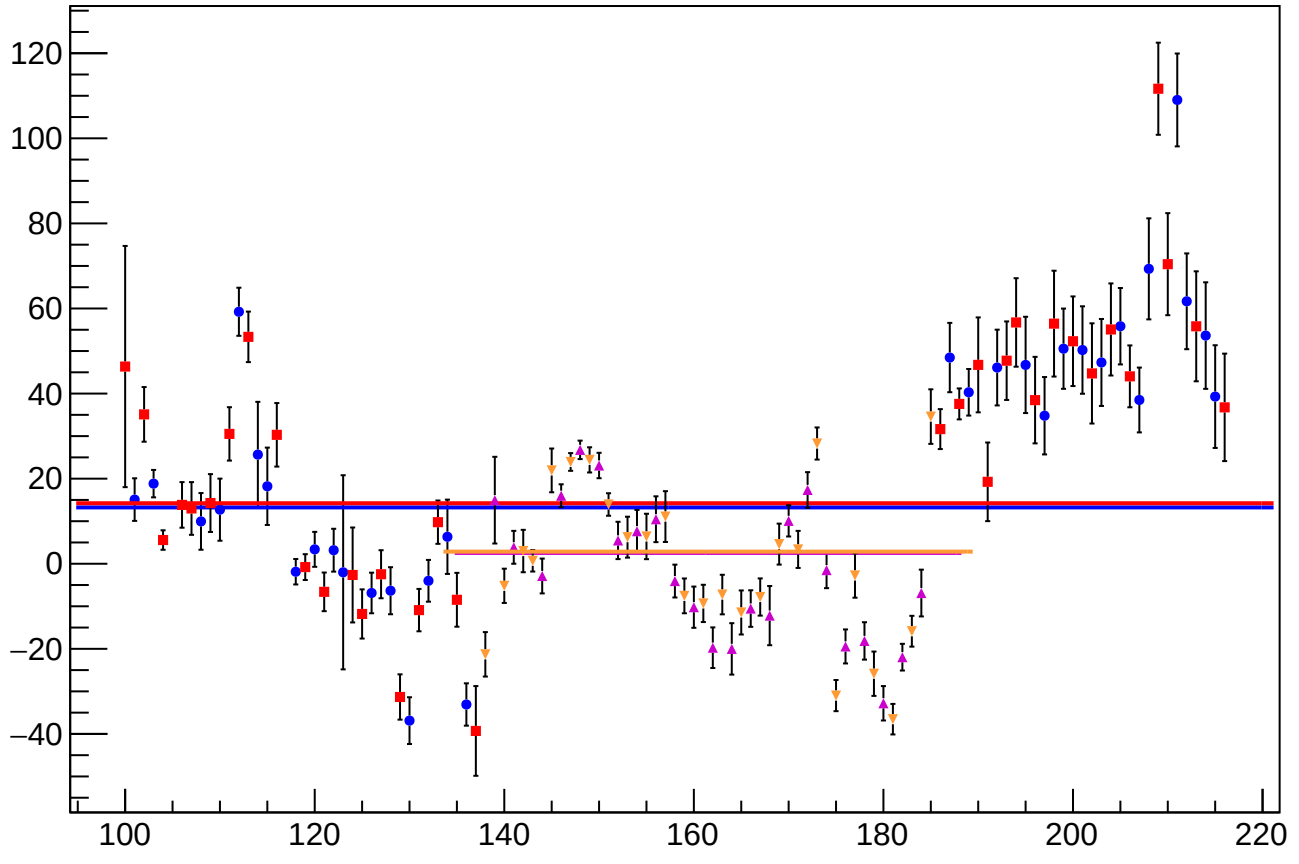
Right Out: -279.690+/-1.483 χ^2/NDF: 3652.5/15

Left In: -217.779+/-1.067 χ^2/NDF:3448.9/22

+ sign -225.998+/-0.876 χ^2/NDF: 6002.6/39

All: -232.514+/-0.616 χ^2/NDF: 14361.4/78

- sign -238.882+/-0.866 χ^2/NDF: 8249.4/38



Right In: 13.238+/-1.103 χ^2/NDF: 596.9/31

Left Out: 2.848+/-0.775 χ^2/NDF:582.1/24

Right Out: 14.224+/-1.003 χ^2/NDF: 574.0/34

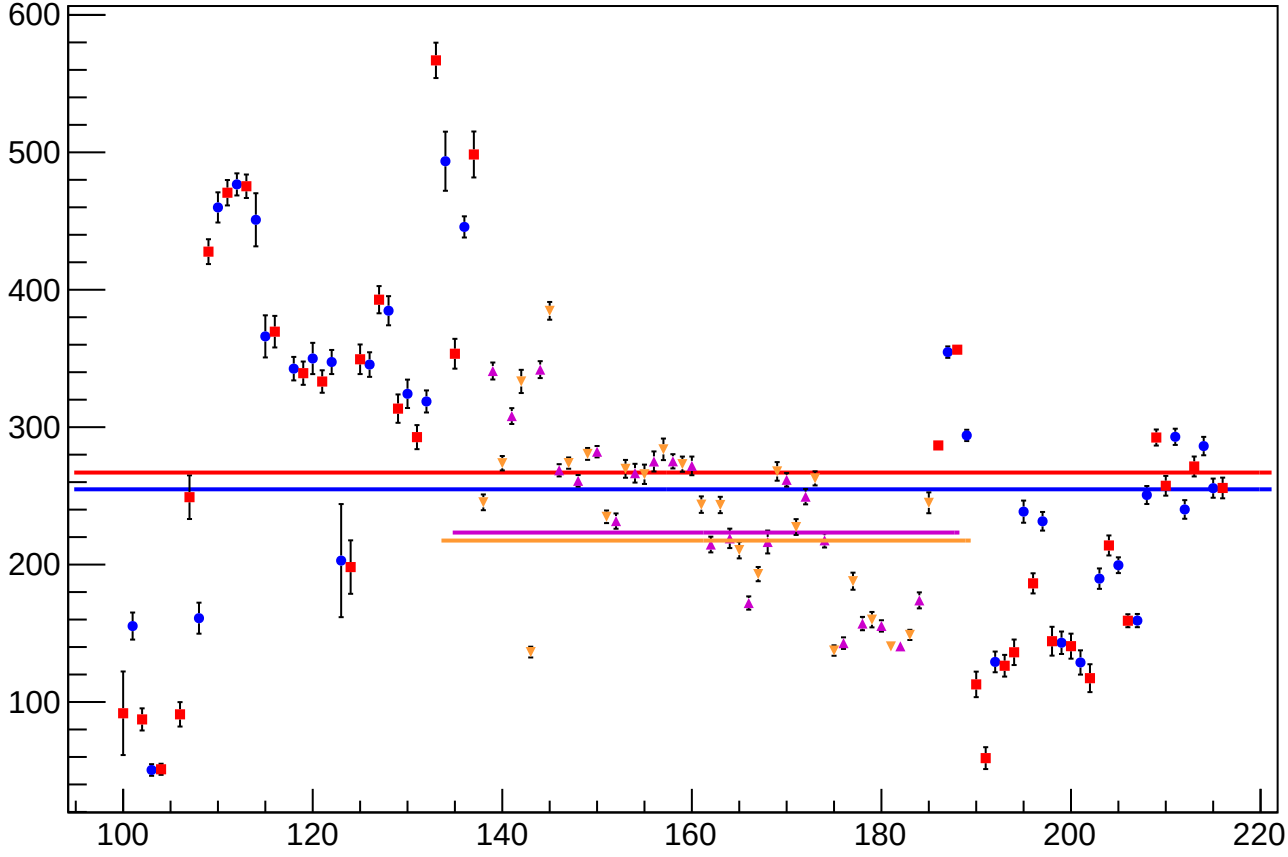
Left In: 2.540+/-0.822 χ^2/NDF:473.6/22

+ sign 6.279+/-0.634 χ^2/NDF: 1238.5/56

All: 6.758+/-0.449 χ^2/NDF: 2368.4/114

- sign 7.239+/-0.636 χ^2/NDF: 1128.7/57

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 254.774+/-1.277 χ^2/NDF: 7140.8/31

Left Out: 217.484+/-1.032 χ^2/NDF:3769.5/24

Right Out: 266.972+/-1.105 χ^2/NDF: 11054.4/34

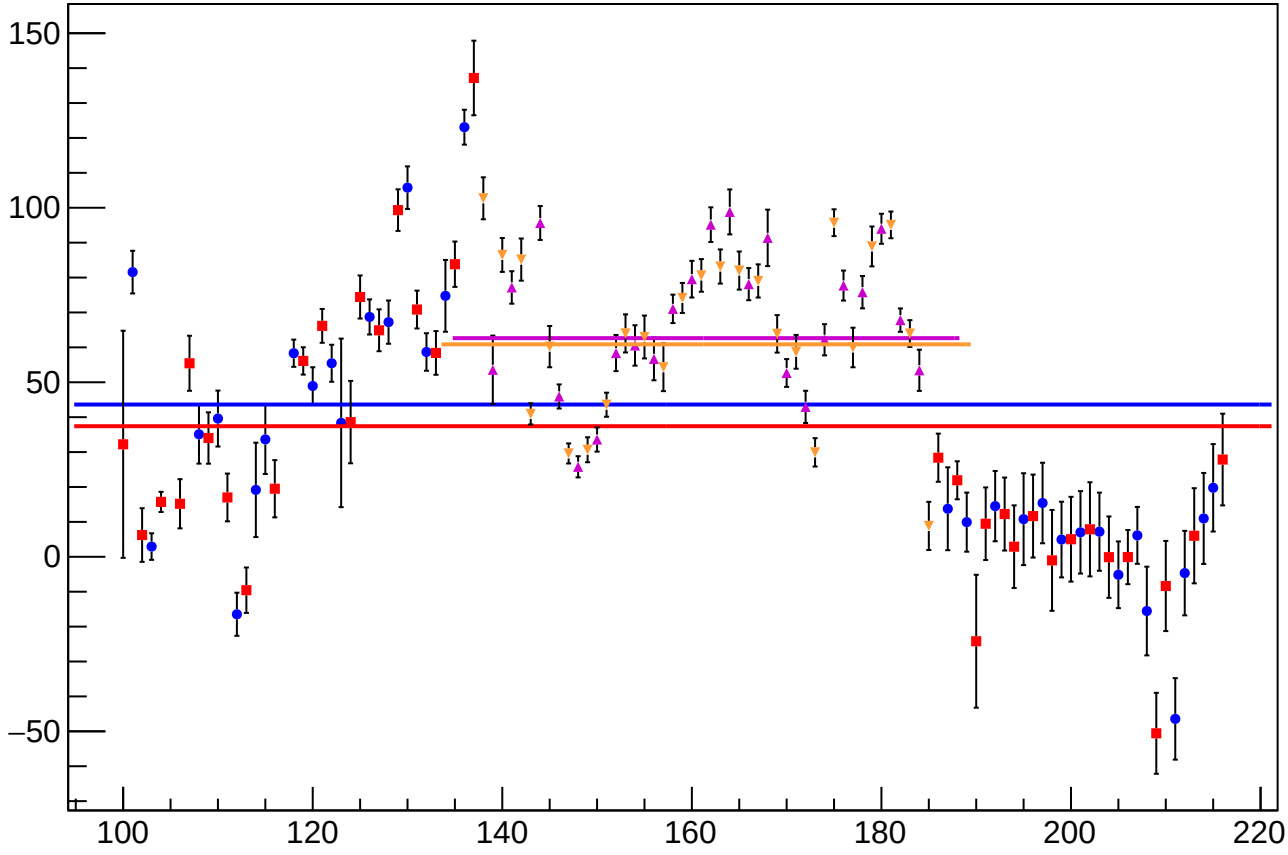
Left In: 223.309+/-1.062 χ^2/NDF:3378.0/22

+ sign 232.216+/-0.803 χ^2/NDF: 11425.8/56

All: 238.529+/-0.554 χ^2/NDF: 26787.8/114

- sign 244.270+/-0.766 χ^2/NDF: 15244.0/57

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 43.624+/-1.282 χ^2/NDF: 916.1/31

Left Out: 60.863+/-0.897 χ^2/NDF:731.6/24

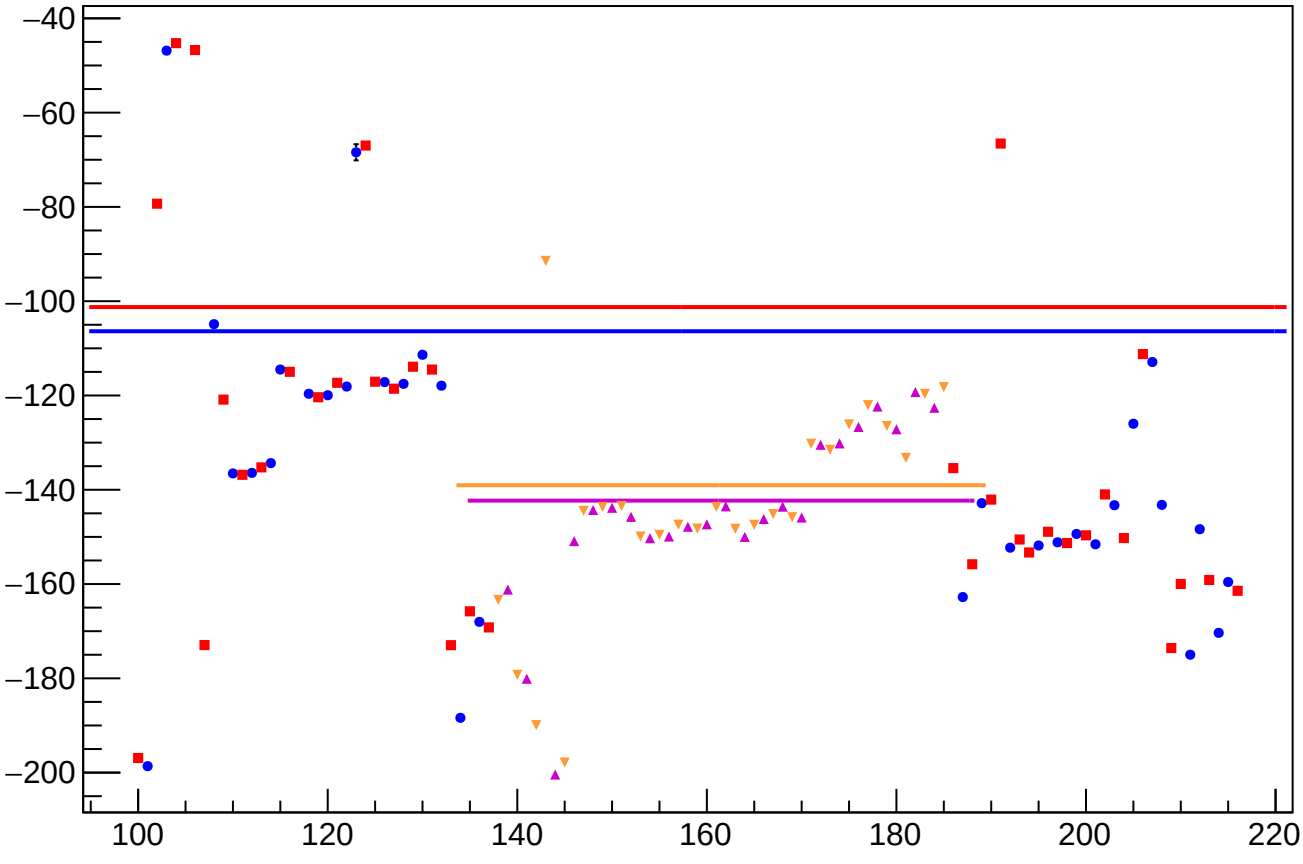
Right Out: 37.410+/-1.198 χ^2/NDF: 739.3/34

Left In: 62.640+/-0.943 χ^2/NDF:515.4/22

+ sign 55.202+/-0.735 χ^2/NDF: 1769.2/56

All: 54.104+/-0.522 χ^2/NDF: 3302.3/114

- sign 52.988+/-0.741 χ^2/NDF: 1528.7/57



Right In: -106.374+/-0.057 χ^2/NDF: 737025.4/31

Left Out: -139.040+/-0.043 χ^2/NDF:258113.4/24

Right Out: -101.248+/-0.054 χ^2/NDF: 771378.3/34

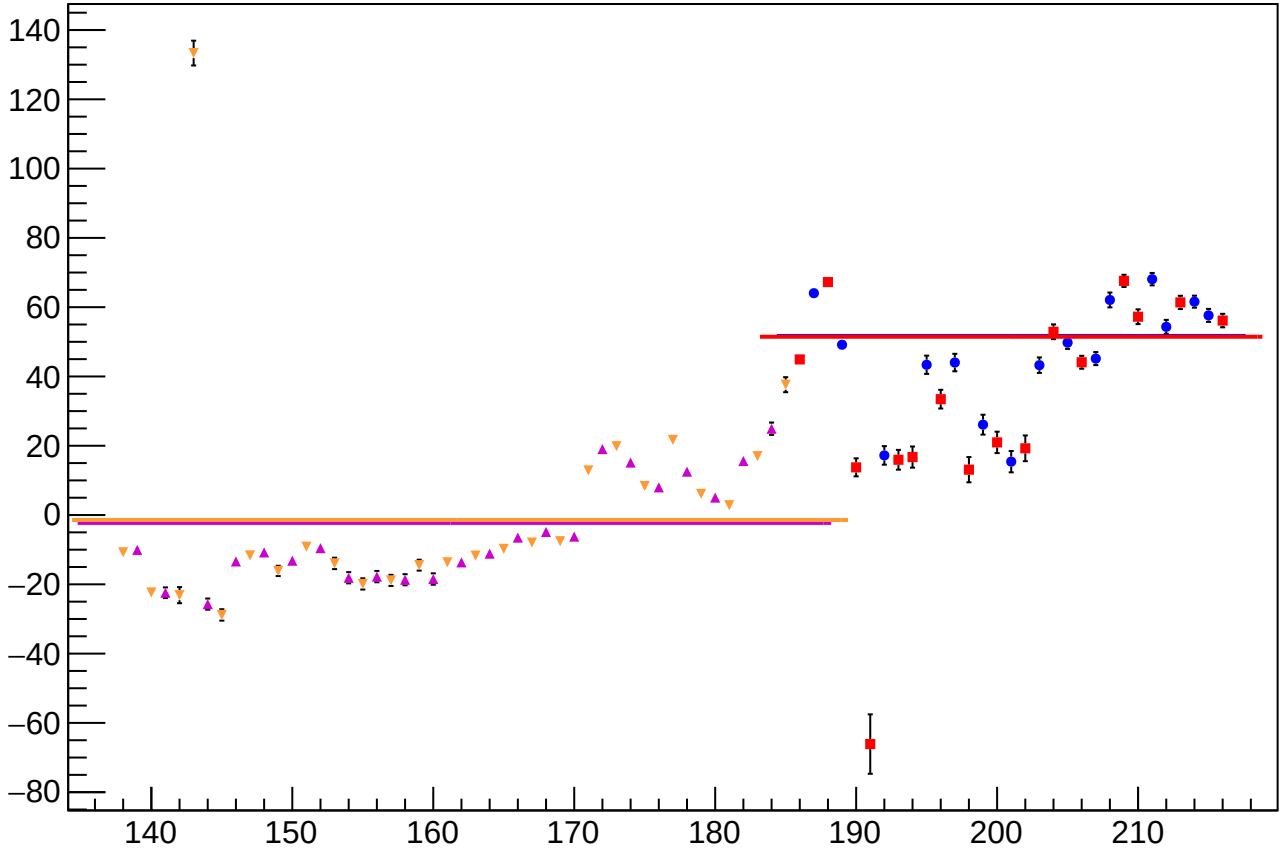
Left In: -142.305+/-0.044 χ^2/NDF:143351.8/22

+ sign -127.317+/-0.034 χ^2/NDF: 1203508.6/56

All: -126.656+/-0.024 χ^2/NDF: 2463550.5/11

- sign -126.000+/-0.034 χ^2/NDF: 1259303.1/57

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 51.663+/-0.511 χ^2/NDF: 663.4/14

Left Out: -1.427+/-0.268 χ^2/NDF:4339.0/24

Right Out: 51.469+/-0.432 χ^2/NDF: 1621.1/15

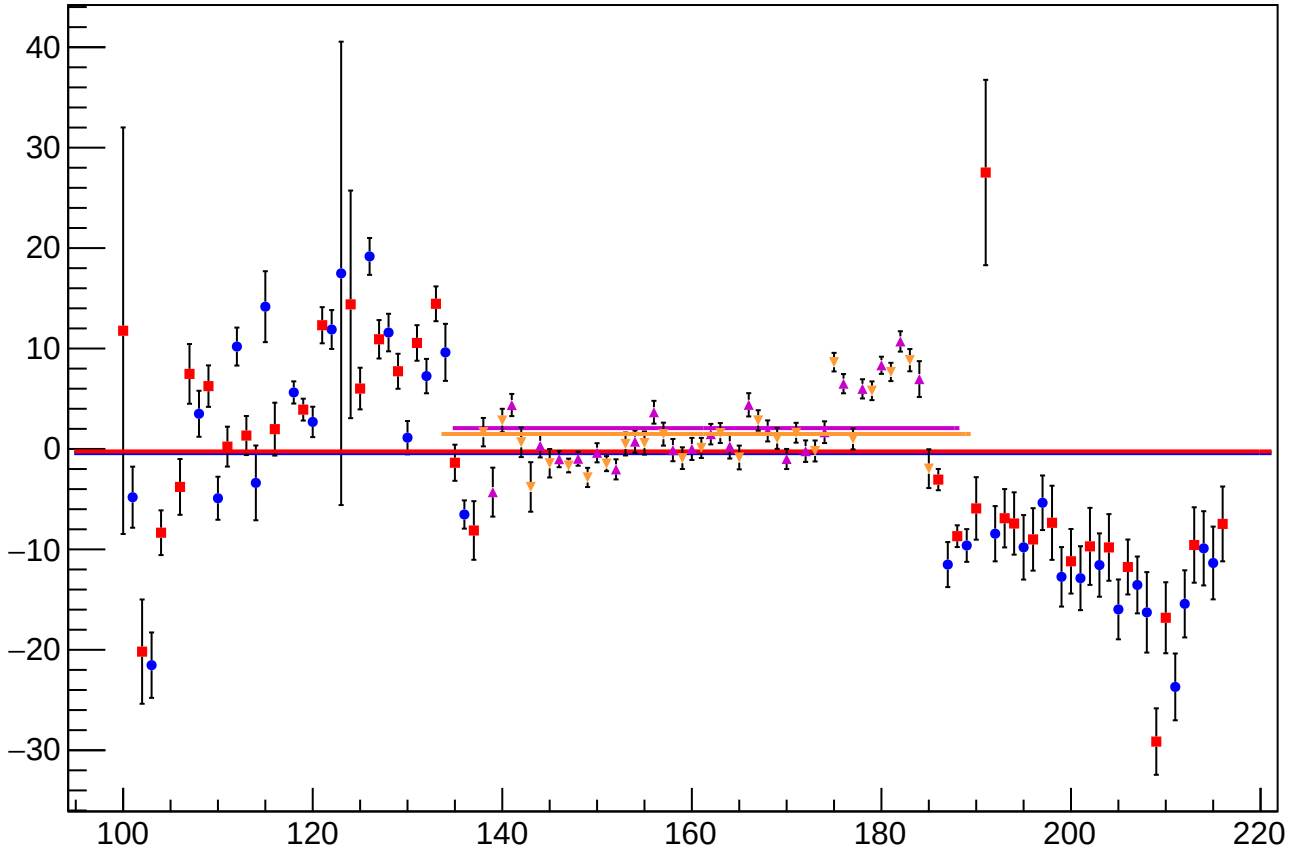
Left In: -2.270+/-0.271 χ^2/NDF:2521.6/22

+ sign 10.001+/-0.237 χ^2/NDF: 13472.5/39

All: 11.502+/-0.165 χ^2/NDF: 28819.3/78

- sign 12.906+/-0.229 χ^2/NDF: 15269.2/38

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -0.418+/-0.396 χ^2/NDF: 654.1/31

Left Out: 1.491+/-0.210 χ^2/NDF:259.1/24

Right Out: -0.246+/-0.367 χ^2/NDF: 548.0/34

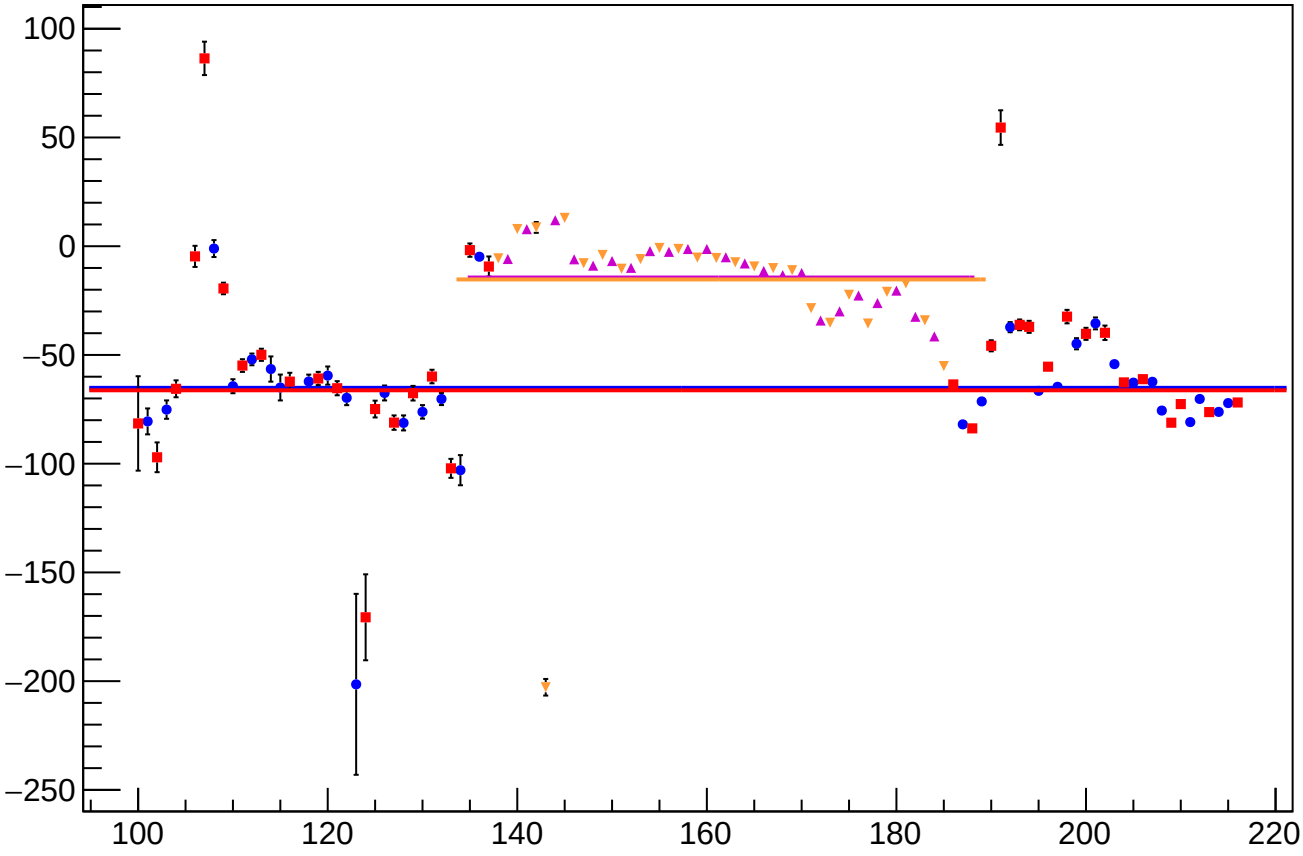
Left In: 2.075+/-0.215 χ^2/NDF:274.6/22

+ sign 1.071+/-0.186 χ^2/NDF: 931.3/56

All: 1.276+/-0.131 χ^2/NDF: 1786.1/114

- sign 1.481+/-0.186 χ^2/NDF: 852.3/57

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -65.126+/-0.418 χ^2/NDF: 1909.9/31

Left Out: -15.279+/-0.267 χ^2/NDF:4820.1/24

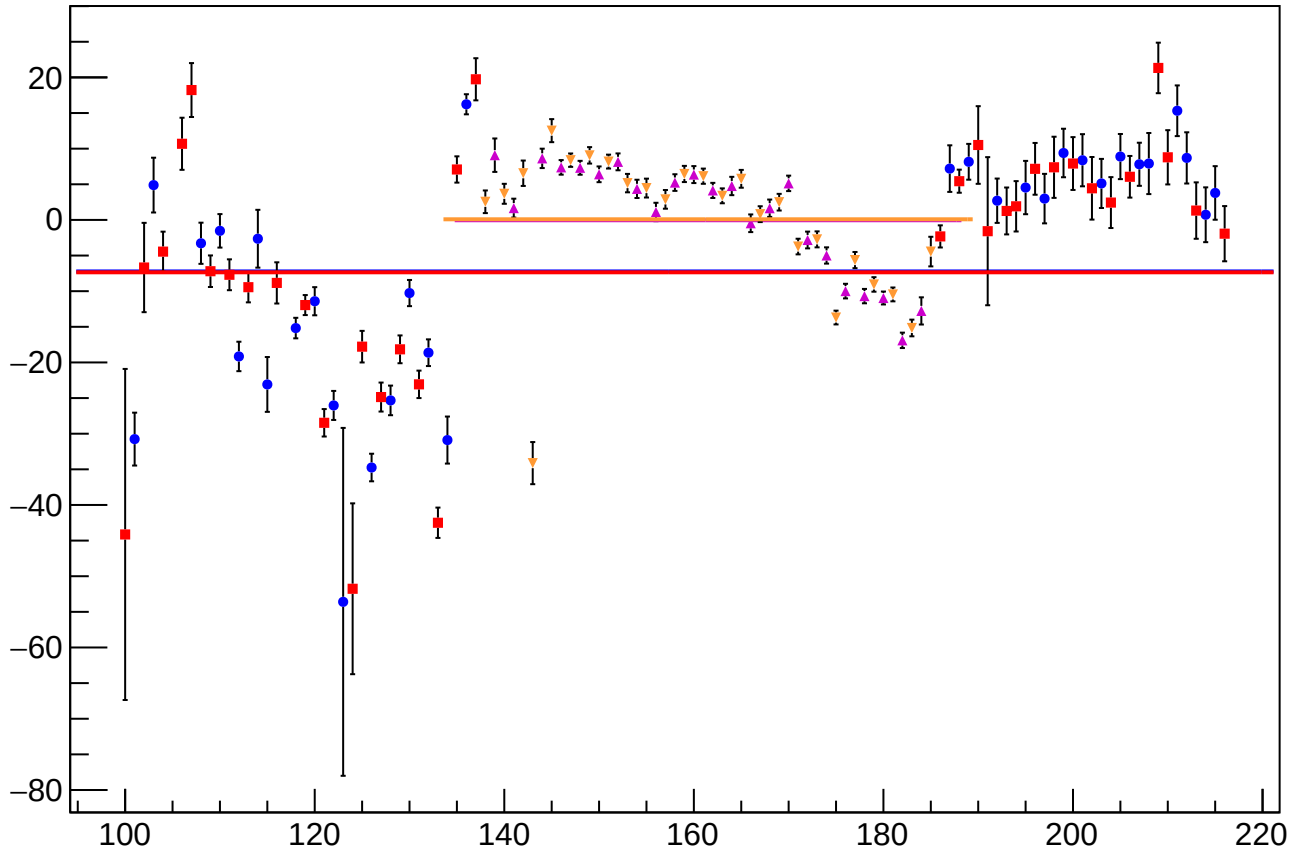
Right Out: -66.250+/-0.343 χ^2/NDF: 3427.0/34

Left In: -14.406+/-0.269 χ^2/NDF:2032.4/22

+ sign -29.688+/-0.225 χ^2/NDF: 16820.6/56

All: -32.053+/-0.154 χ^2/NDF: 36622.0/114

- sign -34.149+/-0.212 χ^2/NDF: 19592.9/57



Right In: -7.231+/-0.458 χ^2/NDF: 1155.6/31

Left Out: 0.087+/-0.238 χ^2/NDF:1172.3/24

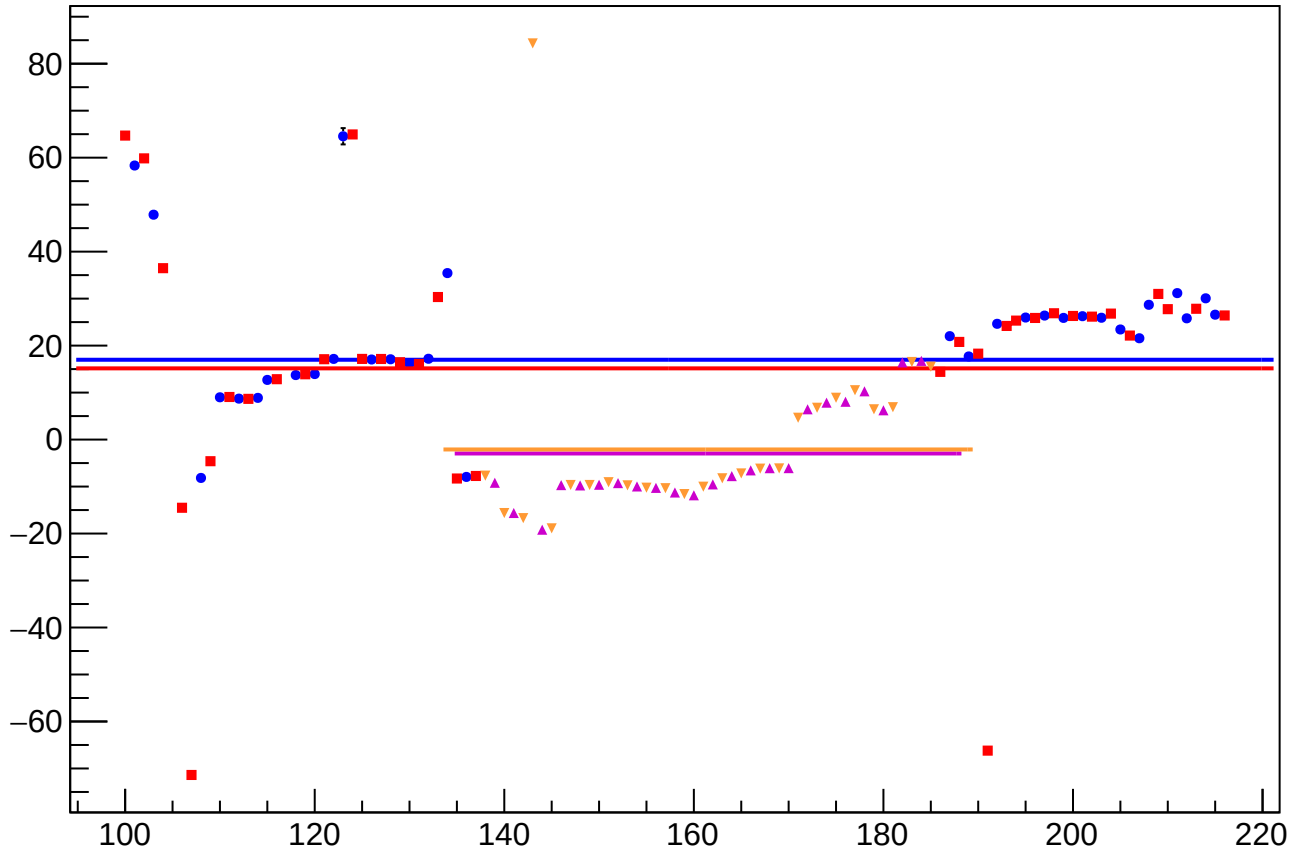
Right Out: -7.350+/-0.439 χ^2/NDF: 1099.3/34

Left In: -0.044+/-0.243 χ^2/NDF:1028.2/22

+ sign -1.473+/-0.211 χ^2/NDF: 2529.0/56

All: -1.614+/-0.150 χ^2/NDF: 4869.4/114

- sign -1.758+/-0.213 χ^2/NDF: 2339.4/57



Right In: 16.989+/-0.023 χ^2/NDF: 492579.0/31

Left Out: -2.105+/-0.011 χ^2/NDF:1093120.2/24

Right Out: 15.156+/-0.022 χ^2/NDF: 770355.6/34

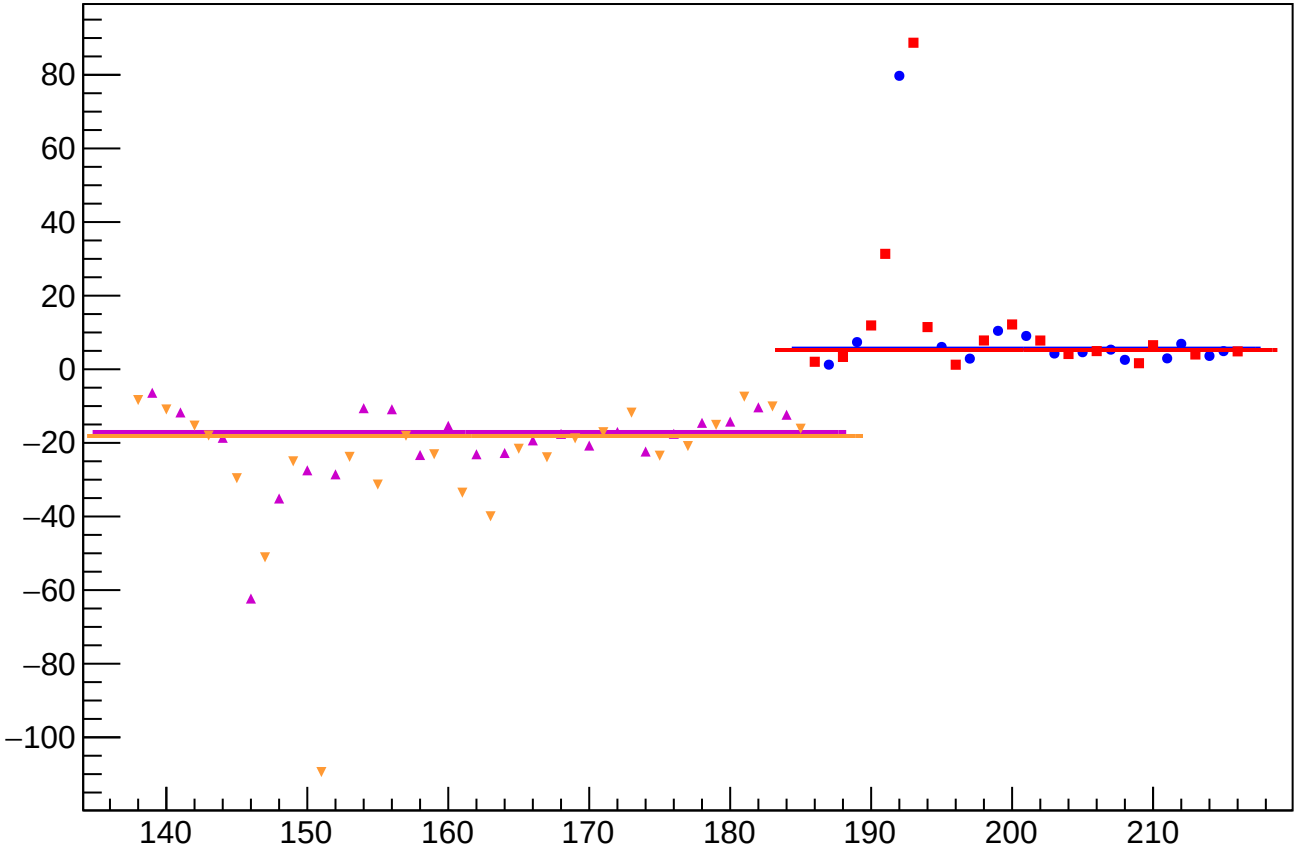
Left In: -2.959+/-0.011 χ^2/NDF:763000.9/22

+ sign 1.487+/-0.010 χ^2/NDF: 2160714.4/56

All: 1.035+/-0.007 χ^2/NDF: 4228171.8/114

- sign 0.581+/-0.010 χ^2/NDF: 2063231.3/57

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 5.610+/-0.048 χ^2/NDF: 26472.2/14

Left Out: -18.128+/-0.039 χ^2/NDF:88551.6/24

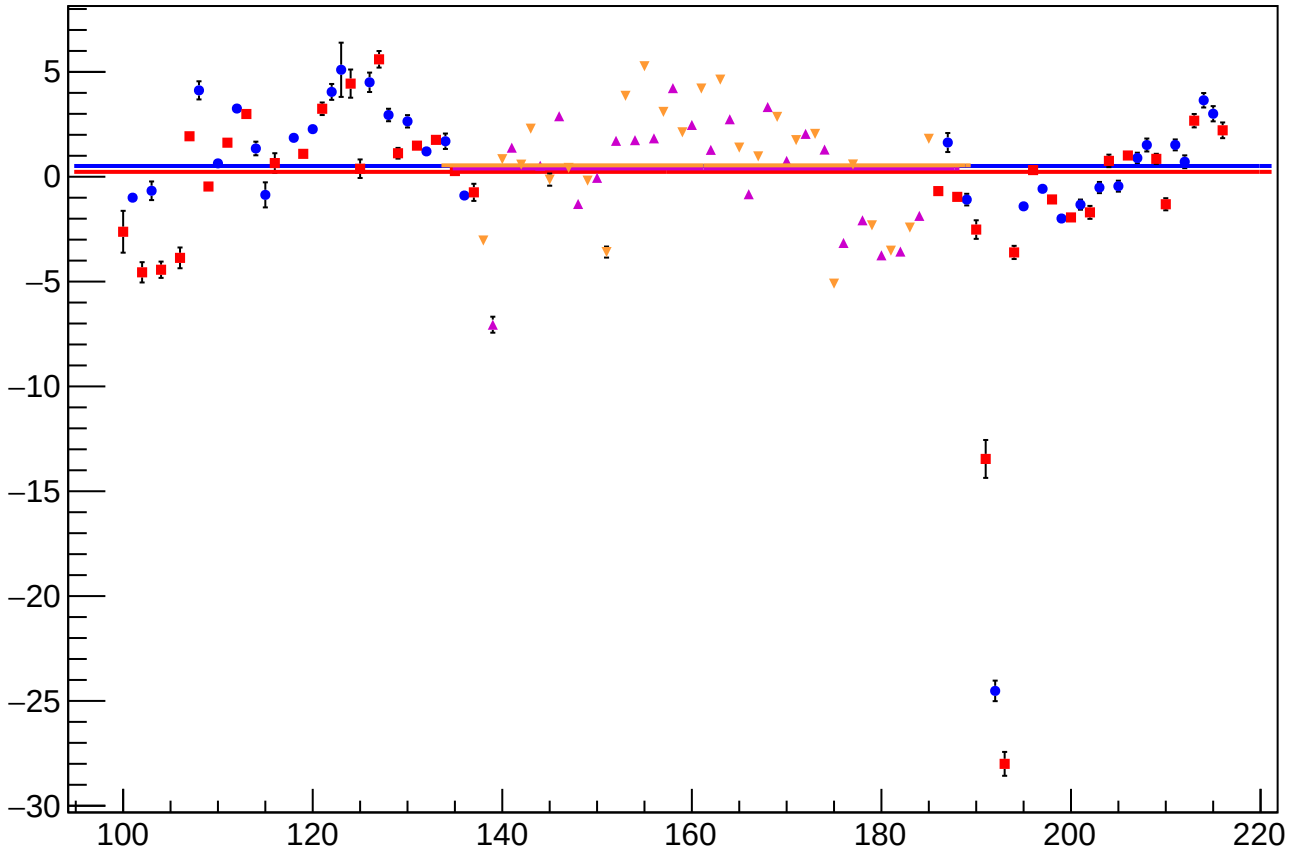
Right Out: 5.238+/-0.048 χ^2/NDF: 26888.1/15

Left In: -17.038+/-0.038 χ^2/NDF:44141.1/22

+ sign -8.799+/-0.030 χ^2/NDF: 261274.0/39

All: -8.596+/-0.021 χ^2/NDF: 464601.7/78

- sign -8.399+/-0.030 χ^2/NDF: 203239.4/38



Right In: 0.513+/-0.046 χ^2/NDF: 3994.3/31

Left Out: 0.543+/-0.032 χ^2/NDF:7085.3/24

Right Out: 0.233+/-0.044 χ^2/NDF: 4387.7/34

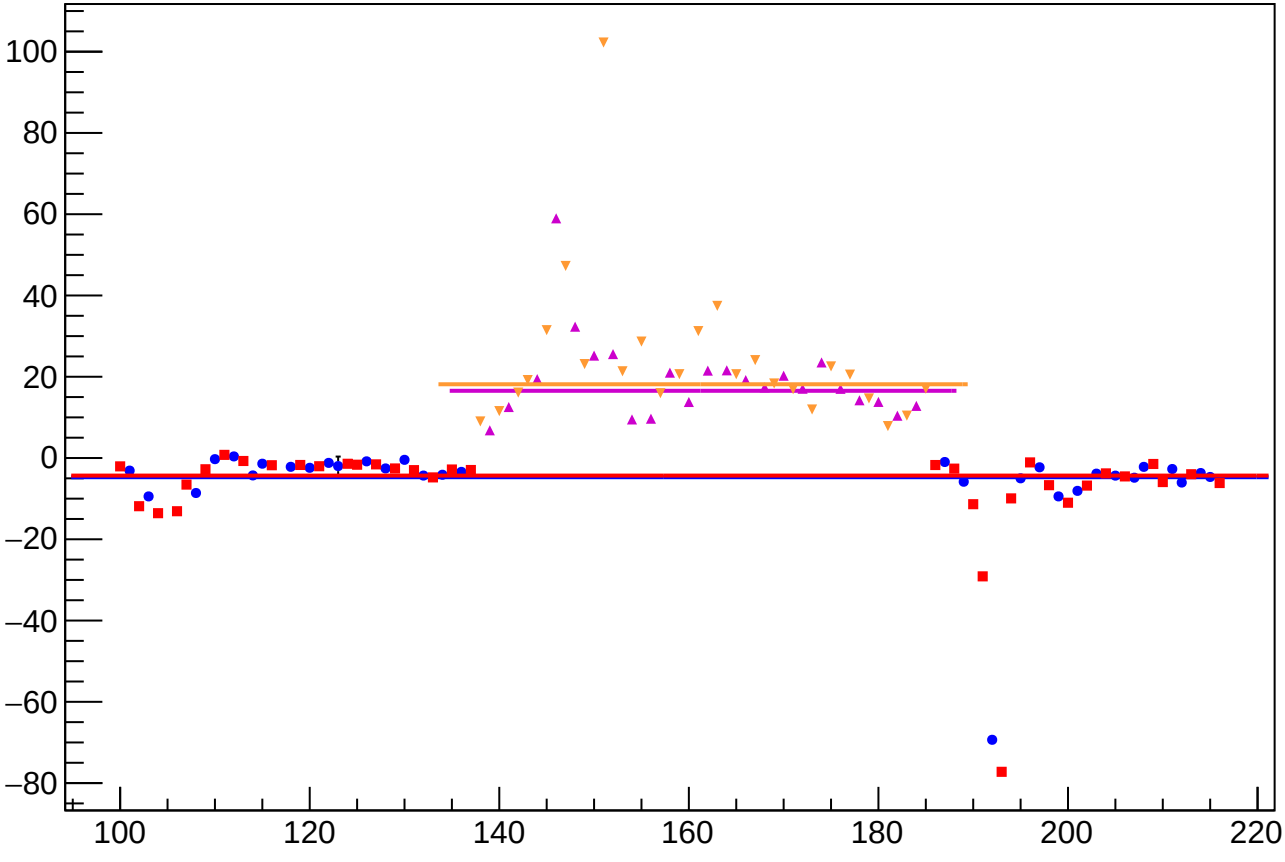
Left In: 0.397+/-0.031 χ^2/NDF:6235.6/22

+ sign 0.533+/-0.026 χ^2/NDF: 11079.9/56

All: 0.433+/-0.018 χ^2/NDF: 21739.7/114

- sign 0.343+/-0.025 χ^2/NDF: 10632.7/57

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -4.720+/-0.043 χ^2/NDF: 27274.2/31

Left Out: 18.150+/-0.039 χ^2/NDF:77847.8/24

Right Out: -4.324+/-0.040 χ^2/NDF: 28303.2/34

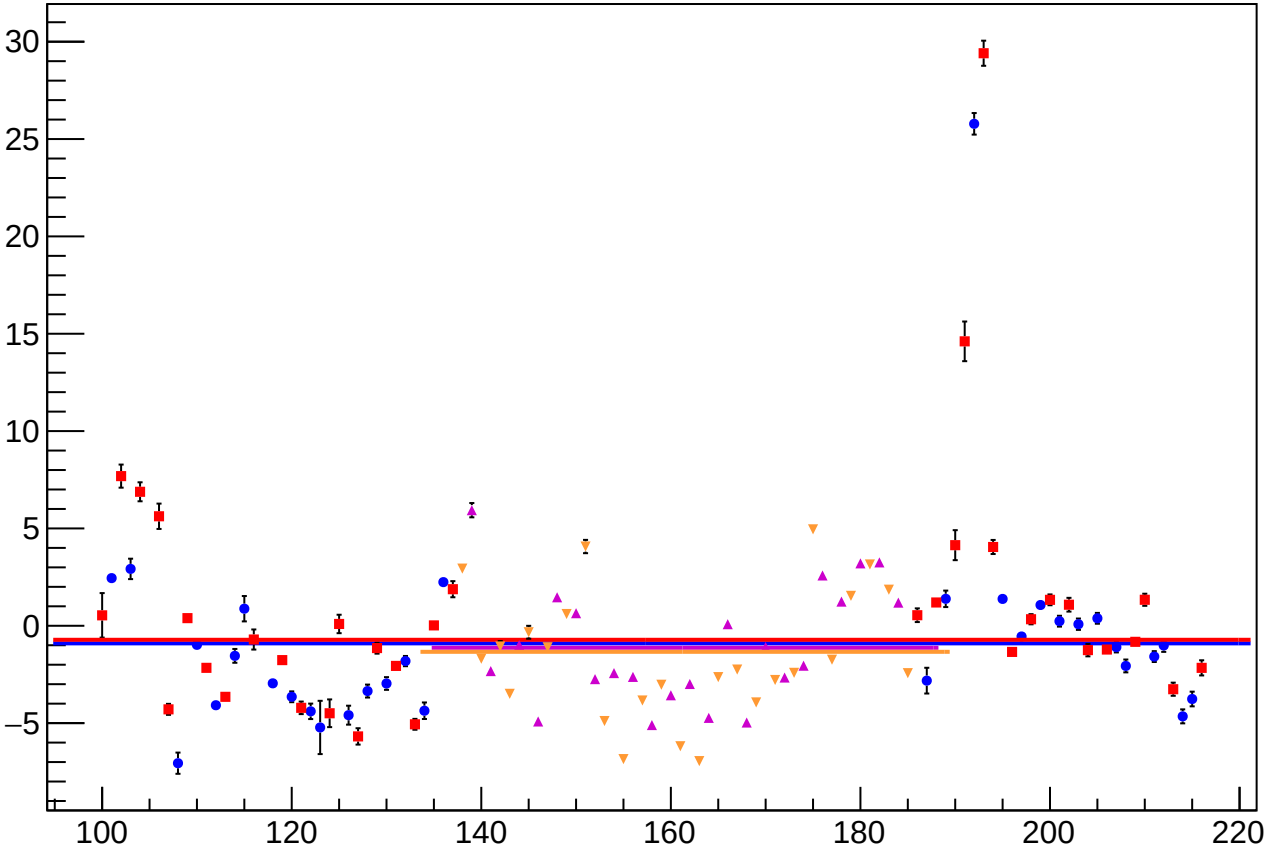
Left In: 16.543+/-0.038 χ^2/NDF:40855.0/22

+ sign 7.725+/-0.029 χ^2/NDF: 261110.8/56

All: 7.227+/-0.020 χ^2/NDF: 473827.0/114

- sign 6.774+/-0.028 χ^2/NDF: 212146.4/57

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -0.904+/-0.053 χ^2/NDF: 4114.9/31

Left Out: -1.338+/-0.036 χ^2/NDF:7943.1/24

Right Out: -0.719+/-0.051 χ^2/NDF: 4589.5/34

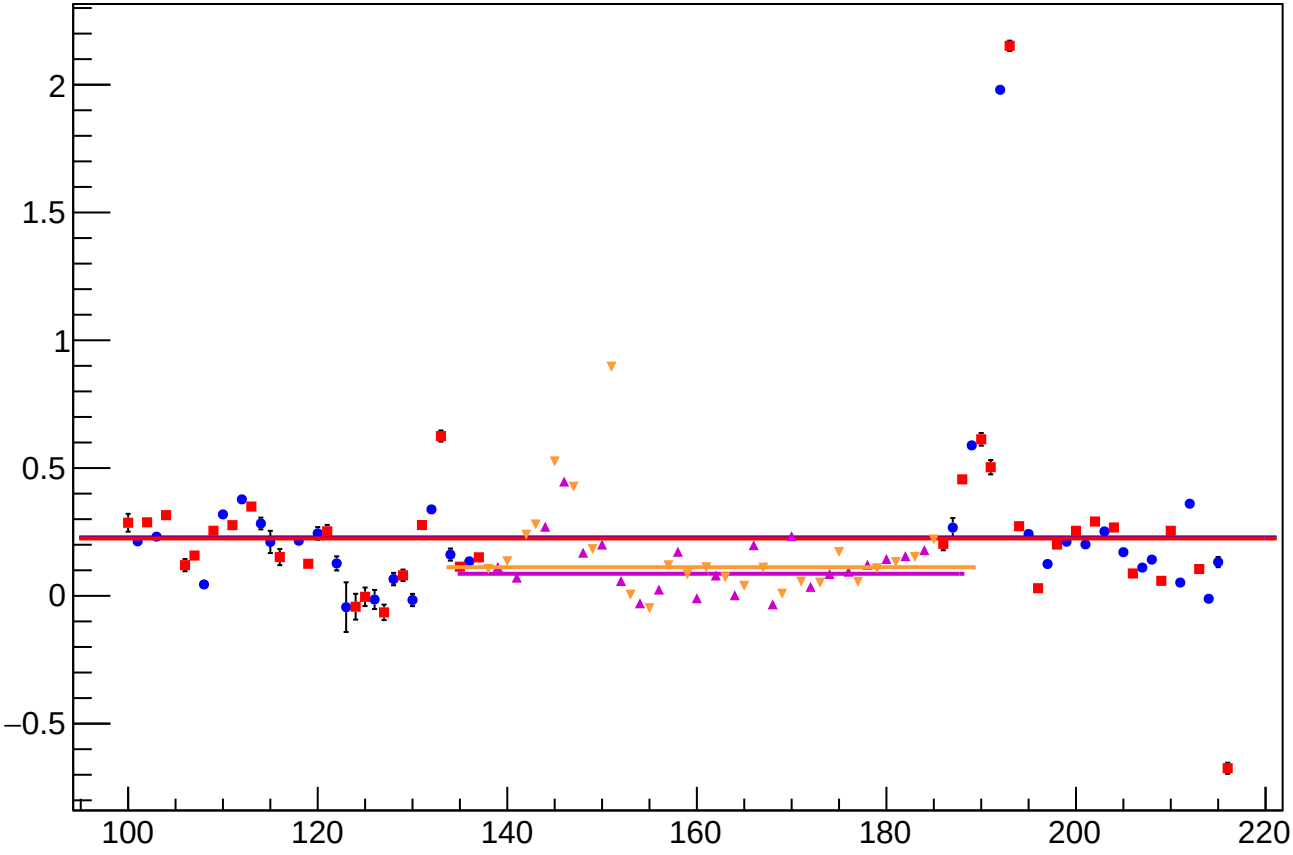
Left In: -1.129+/-0.034 χ^2/NDF:6740.3/22

+ sign -1.201+/-0.030 χ^2/NDF: 12104.1/56

All: -1.096+/-0.020 χ^2/NDF: 23502.3/114

- sign -1.002+/-0.028 χ^2/NDF: 11374.7/57

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.229+/-0.002 χ^2/NDF: 11879.0/31

Left Out: 0.112+/-0.002 χ^2/NDF:4503.9/24

Right Out: 0.225+/-0.002 χ^2/NDF: 13908.8/34

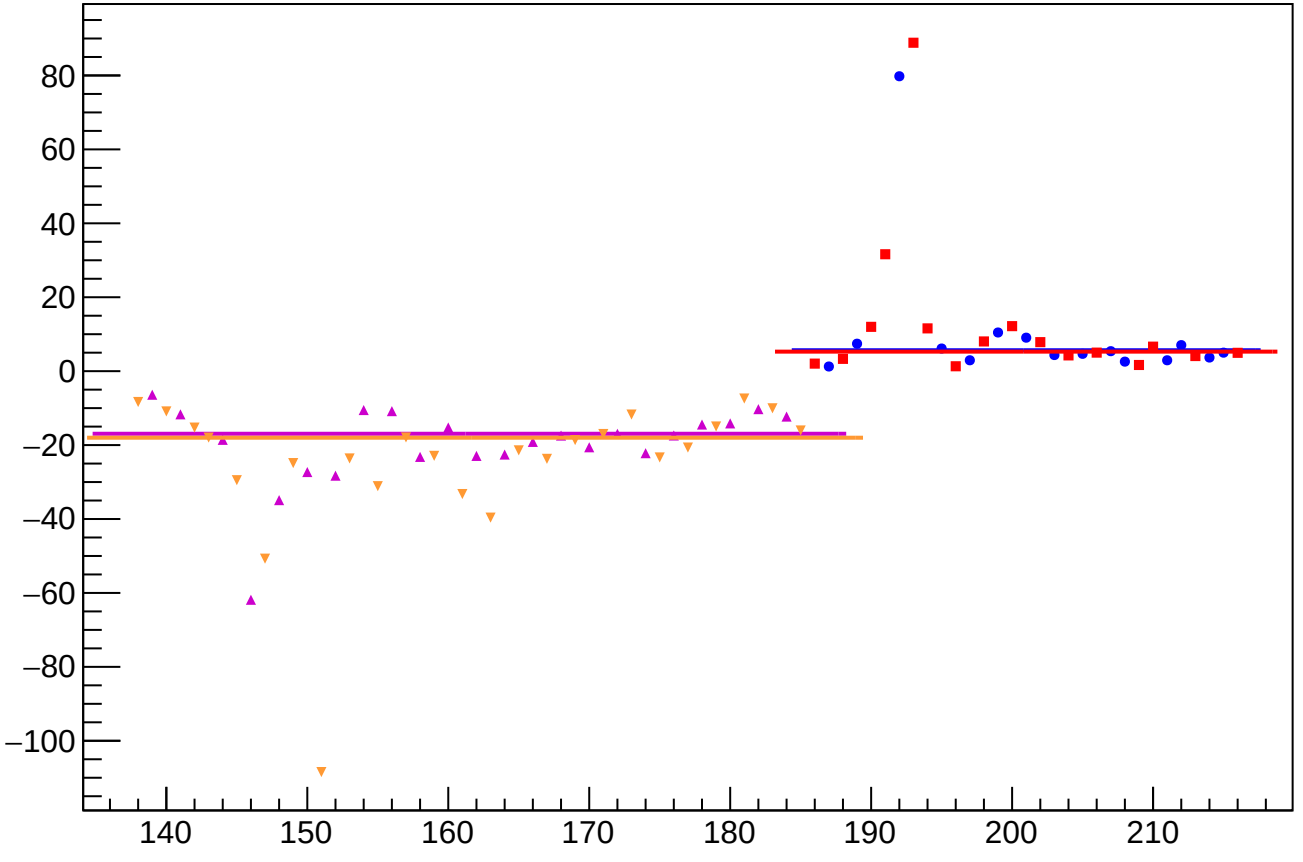
Left In: 0.087+/-0.002 χ^2/NDF:3655.4/22

+ sign 0.149+/-0.001 χ^2/NDF: 18060.5/56

All: 0.138+/-0.001 χ^2/NDF: 38285.7/114

- sign 0.128+/-0.001 χ^2/NDF: 20087.8/57

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 5.659+/-0.048 χ^2/NDF: 26686.6/14

Left Out: -18.005+/-0.039 χ^2/NDF:88391.0/24

Right Out: 5.284+/-0.048 χ^2/NDF: 27242.5/15

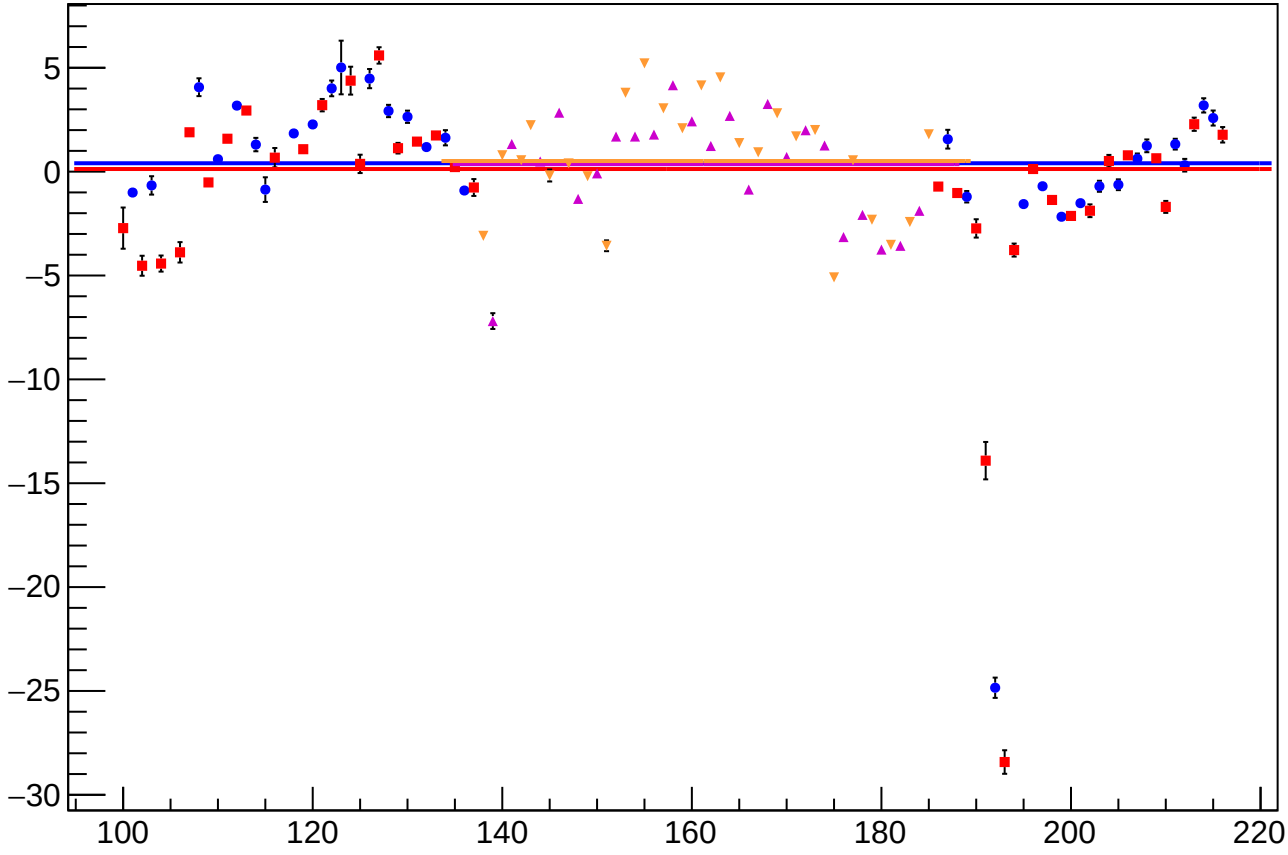
Left In: -16.934+/-0.038 χ^2/NDF:44060.6/22

\+ sign -8.737+/-0.030 χ^2/NDF: 261957.3/39

All: -8.526+/-0.021 χ^2/NDF: 466551.5/78

\- sign -8.322+/-0.030 χ^2/NDF: 204497.6/38

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 0.404+/-0.046 χ^2/NDF: 4090.5/31

Left Out: 0.511+/-0.032 χ^2/NDF:7070.4/24

Right Out: 0.127+/-0.044 χ^2/NDF: 4534.6/34

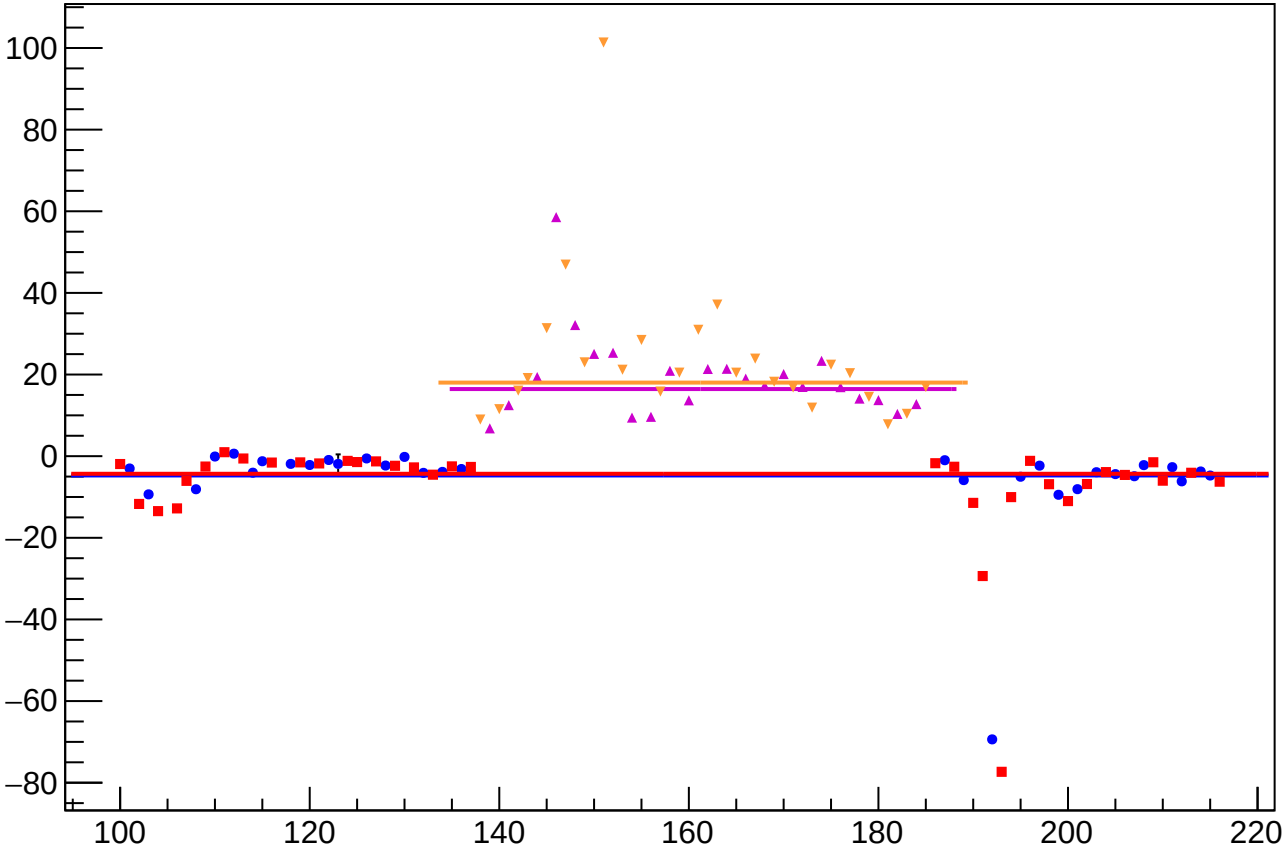
Left In: 0.360+/-0.031 χ^2/NDF:6221.1/22

+ sign 0.476+/-0.026 χ^2/NDF: 11164.5/56

All: 0.375+/-0.018 χ^2/NDF: 21967.5/114

- sign 0.283+/-0.025 χ^2/NDF: 10774.8/57

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -4.723+/-0.043 χ^2/NDF: 27593.9/31

Left Out: 18.027+/-0.039 χ^2/NDF:77718.1/24

Right Out: -4.315+/-0.040 χ^2/NDF: 28778.1/34

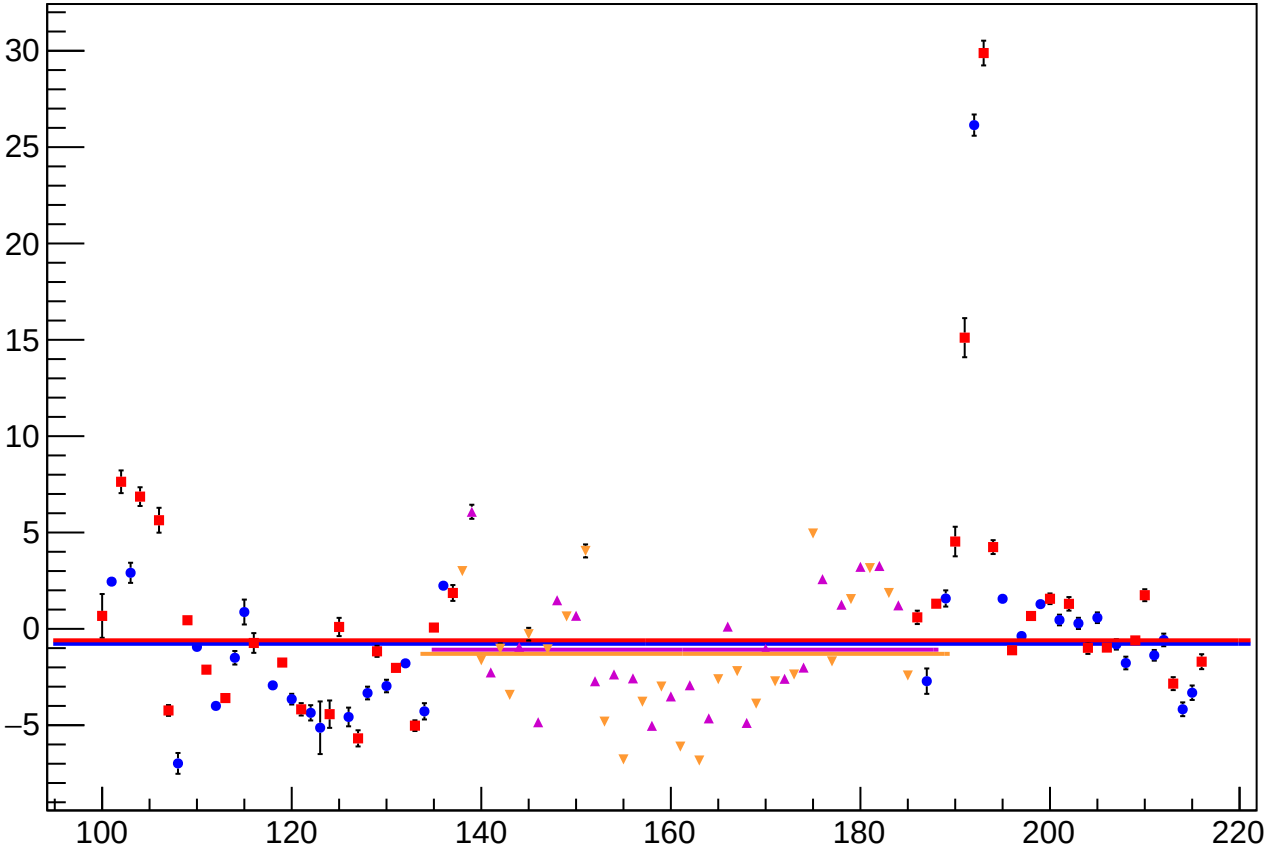
Left In: 16.443+/-0.038 χ^2/NDF:40780.6/22

+ sign 7.688+/-0.029 χ^2/NDF: 261394.0/56

All: 7.184+/-0.020 χ^2/NDF: 474910.2/114

- sign 6.725+/-0.027 χ^2/NDF: 212926.7/57

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -0.775+/-0.053 χ^2/NDF: 4186.2/31

Left Out: -1.297+/-0.036 χ^2/NDF:7925.1/24

Right Out: -0.595+/-0.050 χ^2/NDF: 4735.1/34

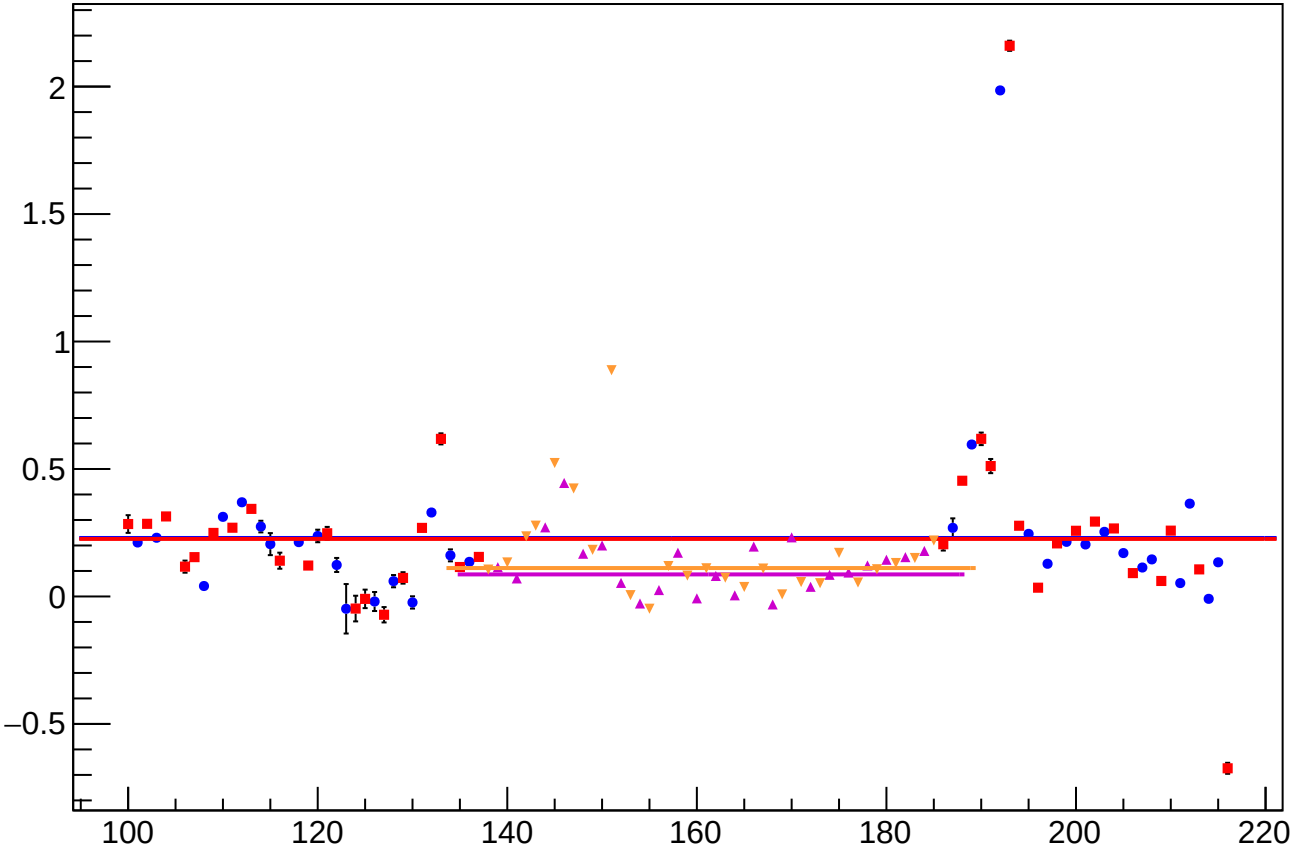
Left In: -1.082+/-0.034 χ^2/NDF:6724.1/22

+ sign -1.133+/-0.030 χ^2/NDF: 12178.8/56

All: -1.027+/-0.020 χ^2/NDF: 23726.8/114

- sign -0.930+/-0.028 χ^2/NDF: 11523.3/57

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.229+/-0.002 χ^2/NDF: 12004.2/31

Left Out: 0.111+/-0.002 χ^2/NDF:4496.0/24

Right Out: 0.226+/-0.002 χ^2/NDF: 14053.4/34

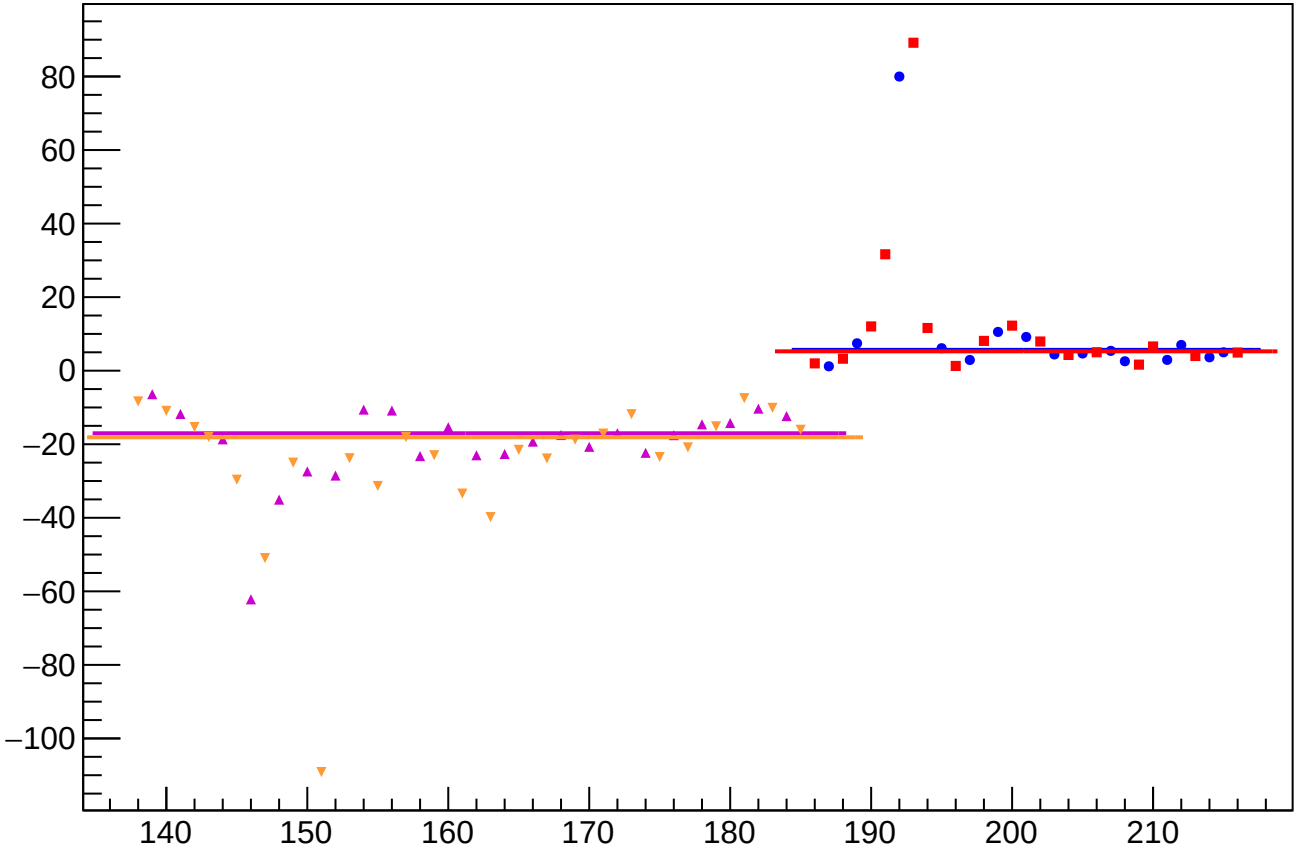
Left In: 0.087+/-0.001 χ^2/NDF:3625.5/22

\+ sign 0.149+/-0.001 χ^2/NDF: 18237.8/56

All: 0.138+/-0.001 χ^2/NDF: 38640.3/114

\- sign 0.128+/-0.001 χ^2/NDF: 20271.3/57

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 5.661+/-0.048 χ^2/NDF: 26681.8/14

Left Out: -18.112+/-0.039 χ^2/NDF:88529.7/24

Right Out: 5.260+/-0.048 χ^2/NDF: 27264.0/15

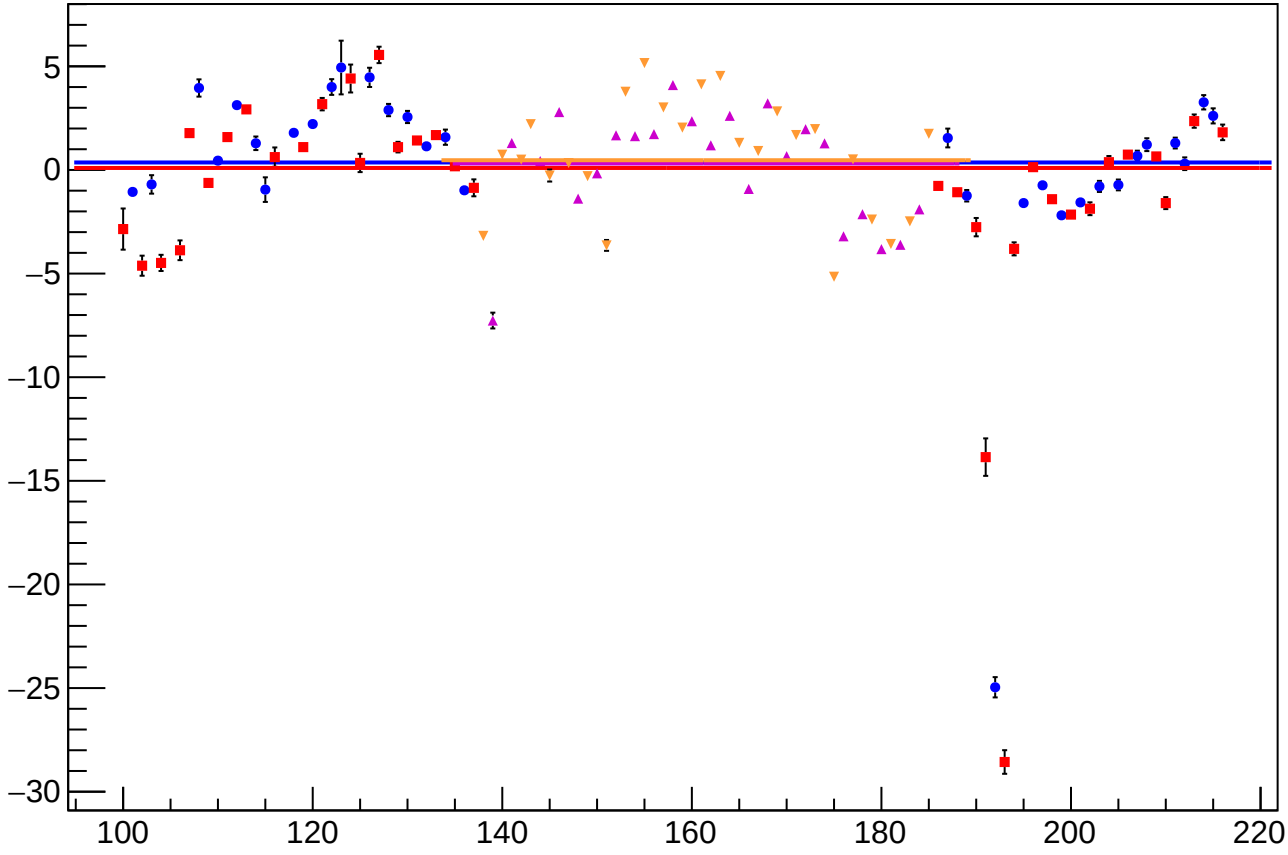
Left In: -17.024+/-0.038 χ^2/NDF:44141.8/22

+ sign -8.831+/-0.030 χ^2/NDF: 261740.7/39

All: -8.609+/-0.021 χ^2/NDF: 466046.6/78

- sign -8.396+/-0.030 χ^2/NDF: 204201.2/38

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.361+/-0.046 χ^2/NDF: 4085.7/31

Left Out: 0.469+/-0.032 χ^2/NDF:7093.0/24

Right Out: 0.096+/-0.044 χ^2/NDF: 4527.4/34

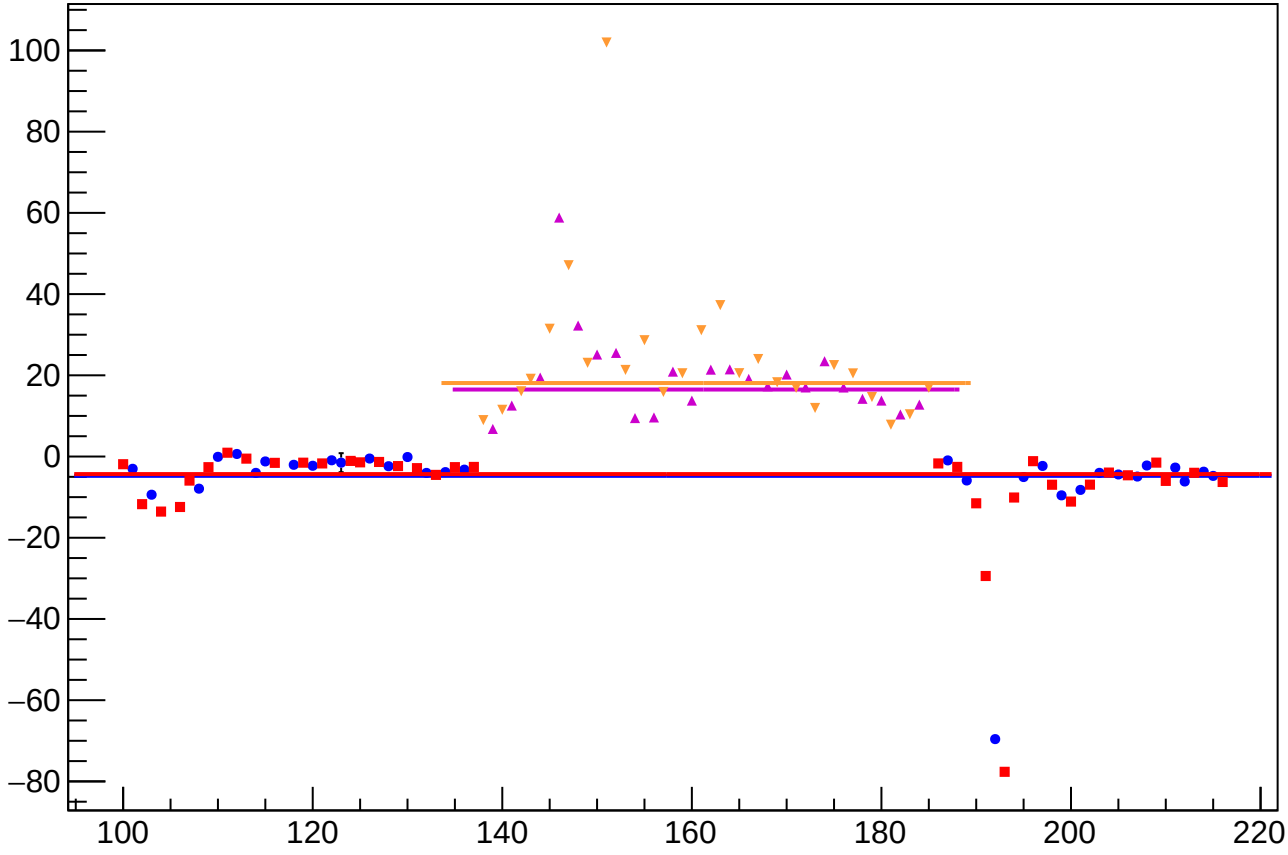
Left In: 0.311+/-0.031 χ^2/NDF:6183.1/22

+ sign 0.434+/-0.026 χ^2/NDF: 11182.4/56

All: 0.332+/-0.018 χ^2/NDF: 21937.1/114

- sign 0.240+/-0.025 χ^2/NDF: 10726.6/57

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -4.753+/-0.043 χ^2/NDF: 27587.9/31

Left Out: 18.101+/-0.039 χ^2/NDF:77839.7/24

Right Out: -4.323+/-0.040 χ^2/NDF: 28784.7/34

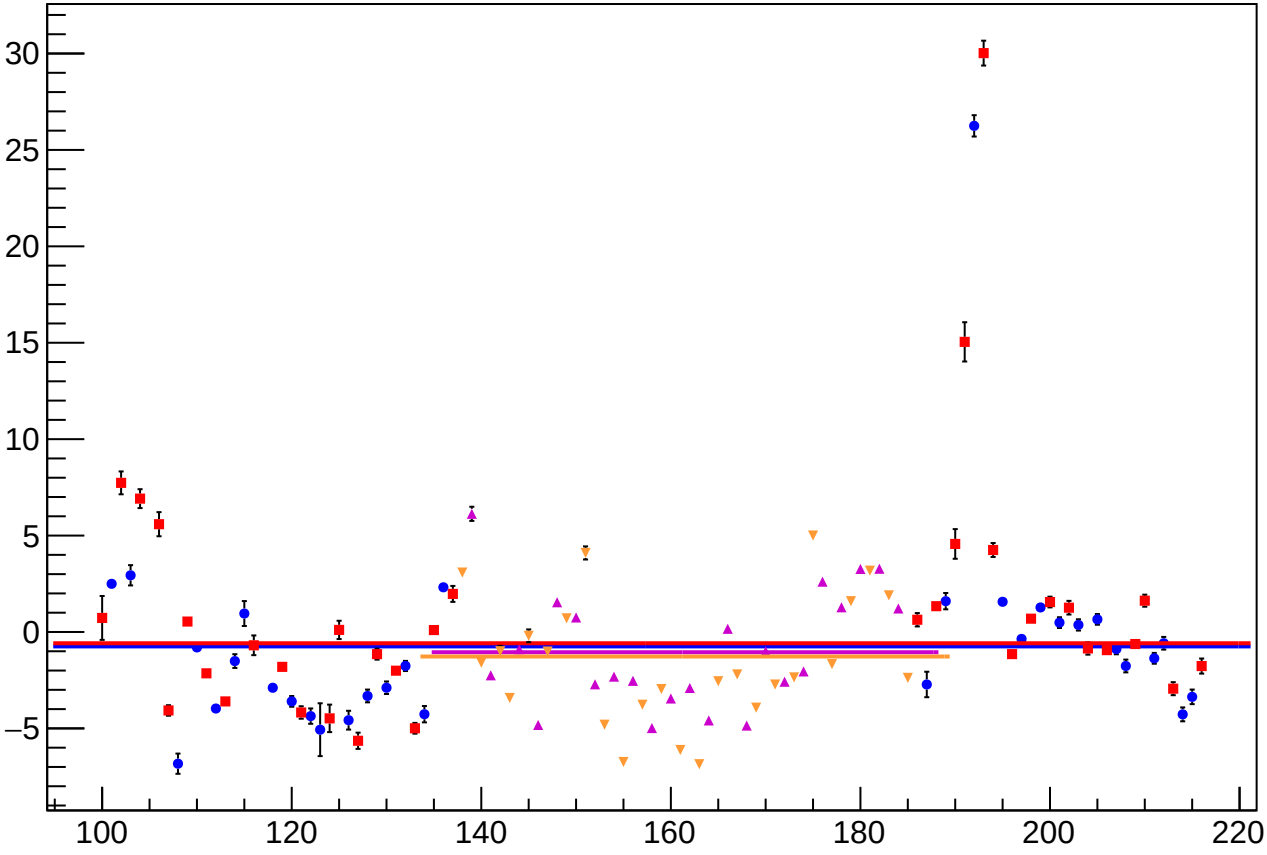
Left In: 16.496+/-0.038 χ^2/NDF:40867.3/22

+ sign 7.740+/-0.029 χ^2/NDF: 261193.8/56

All: 7.223+/-0.020 χ^2/NDF: 474505.4/114

- sign 6.754+/-0.027 χ^2/NDF: 212697.6/57

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -0.748+/-0.053 χ^2/NDF: 4186.5/31

Left Out: -1.273+/-0.036 χ^2/NDF:7951.6/24

Right Out: -0.585+/-0.051 χ^2/NDF: 4729.3/34

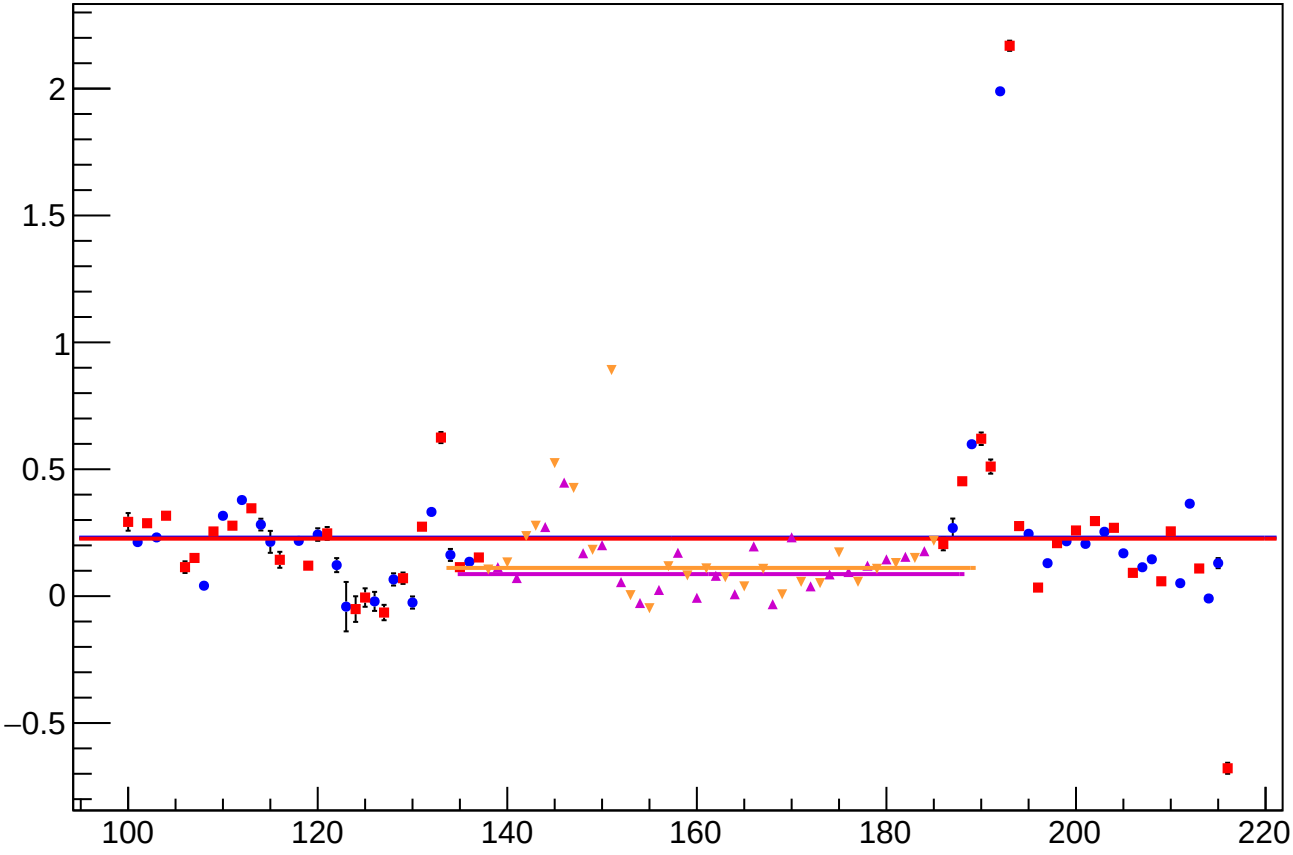
Left In: -1.050+/-0.034 χ^2/NDF:6673.4/22

+ sign -1.108+/-0.030 χ^2/NDF: 12205.6/56

All: -1.002+/-0.020 χ^2/NDF: 23691.0/114

- sign -0.906+/-0.028 χ^2/NDF: 11460.9/57

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.231+/-0.002 χ^2/NDF: 12001.5/31

Left Out: 0.111+/-0.002 χ^2/NDF:4474.5/24

Right Out: 0.226+/-0.002 χ^2/NDF: 14061.5/34

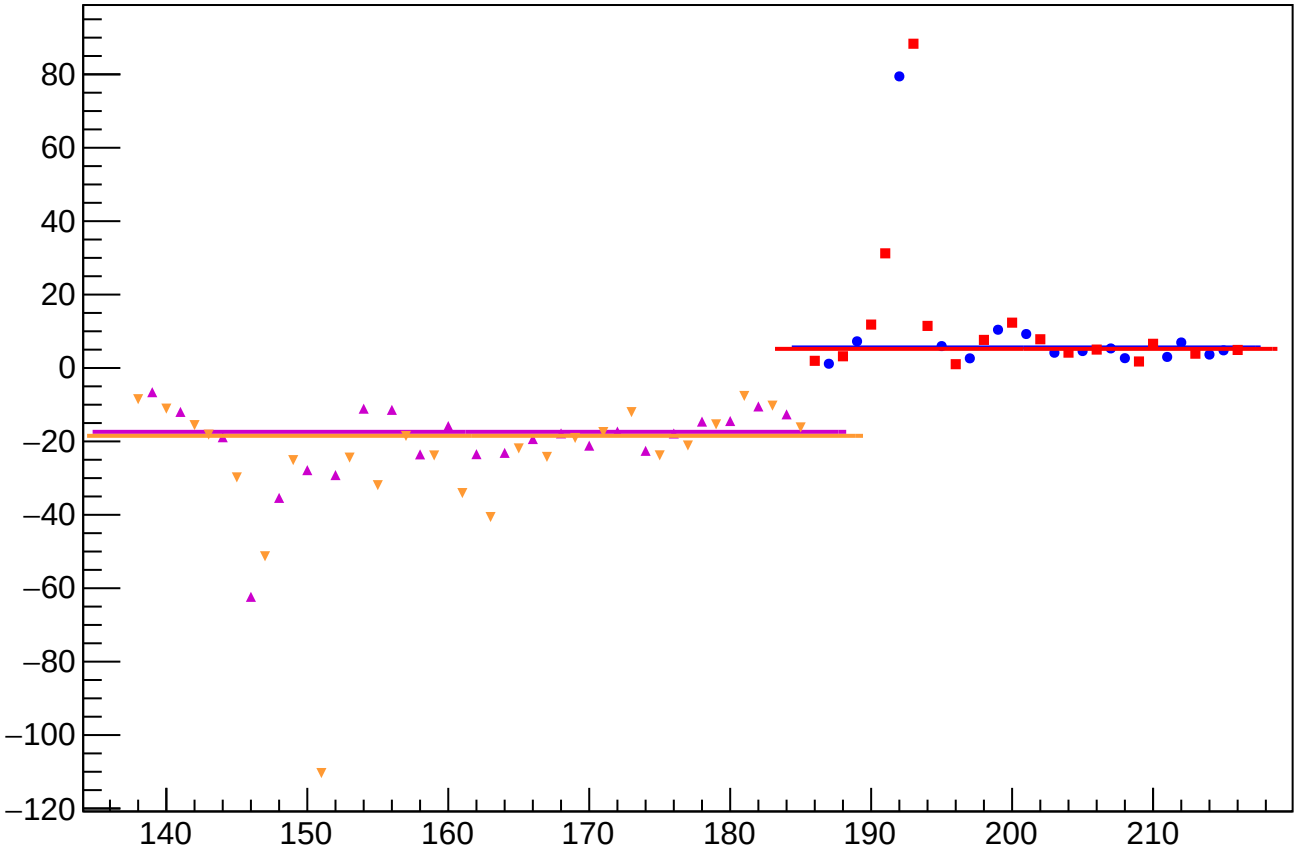
Left In: 0.087+/-0.001 χ^2/NDF:3598.5/22

+ sign 0.149+/-0.001 χ^2/NDF: 18236.8/56

All: 0.138+/-0.001 χ^2/NDF: 38611.0/114

- sign 0.128+/-0.001 χ^2/NDF: 20247.2/57

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 5.599+/-0.049 χ^2/NDF: 26203.2/14

Left Out: -18.479+/-0.040 χ^2/NDF:87883.4/24

Right Out: 5.213+/-0.048 χ^2/NDF: 26683.1/15

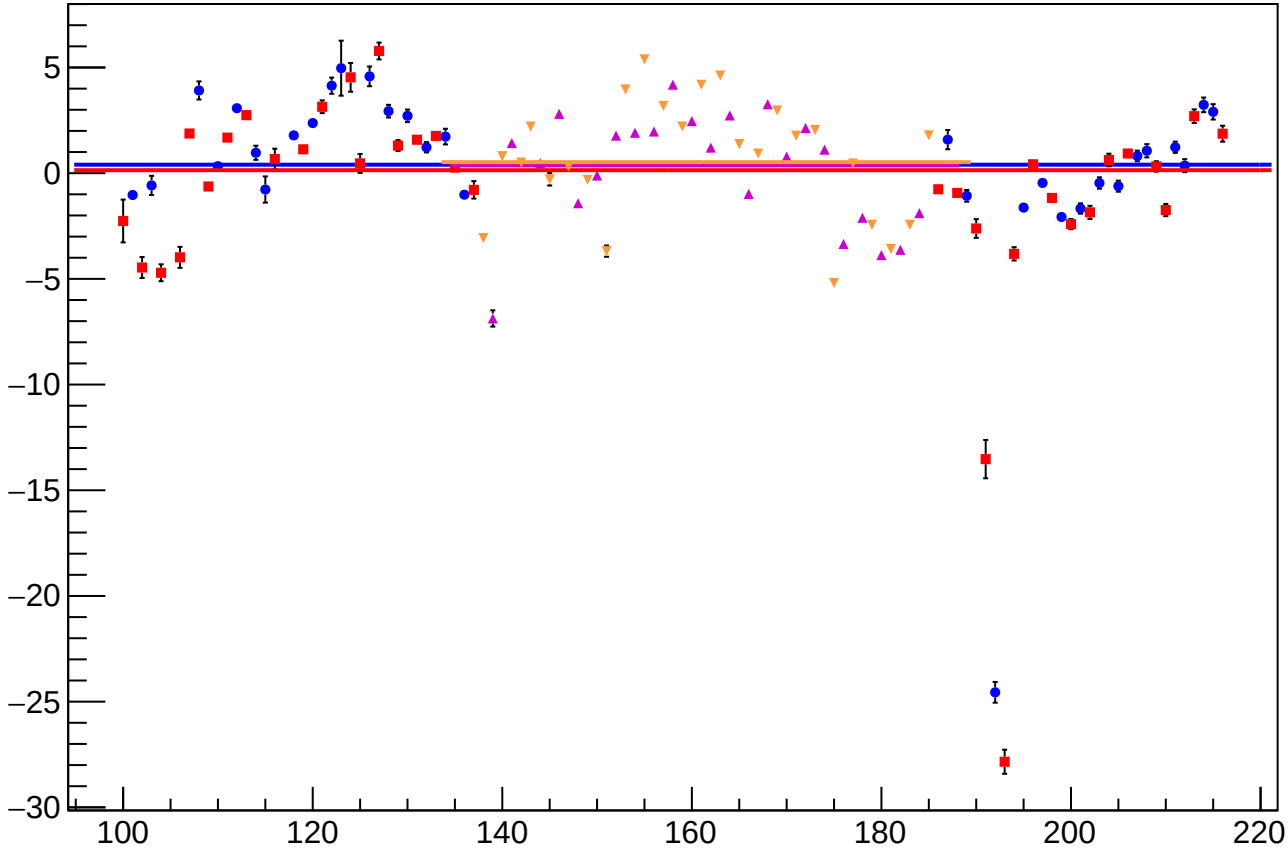
Left In: -17.393+/-0.039 χ^2/NDF:43178.9/22

+ sign -8.874+/-0.031 χ^2/NDF: 260820.1/39

All: -8.649+/-0.022 χ^2/NDF: 464254.1/78

- sign -8.431+/-0.030 χ^2/NDF: 203328.9/38

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.402+/-0.047 χ^2/NDF: 3954.1/31

Left Out: 0.522+/-0.033 χ^2/NDF:7055.1/24

Right Out: 0.142+/-0.044 χ^2/NDF: 4387.6/34

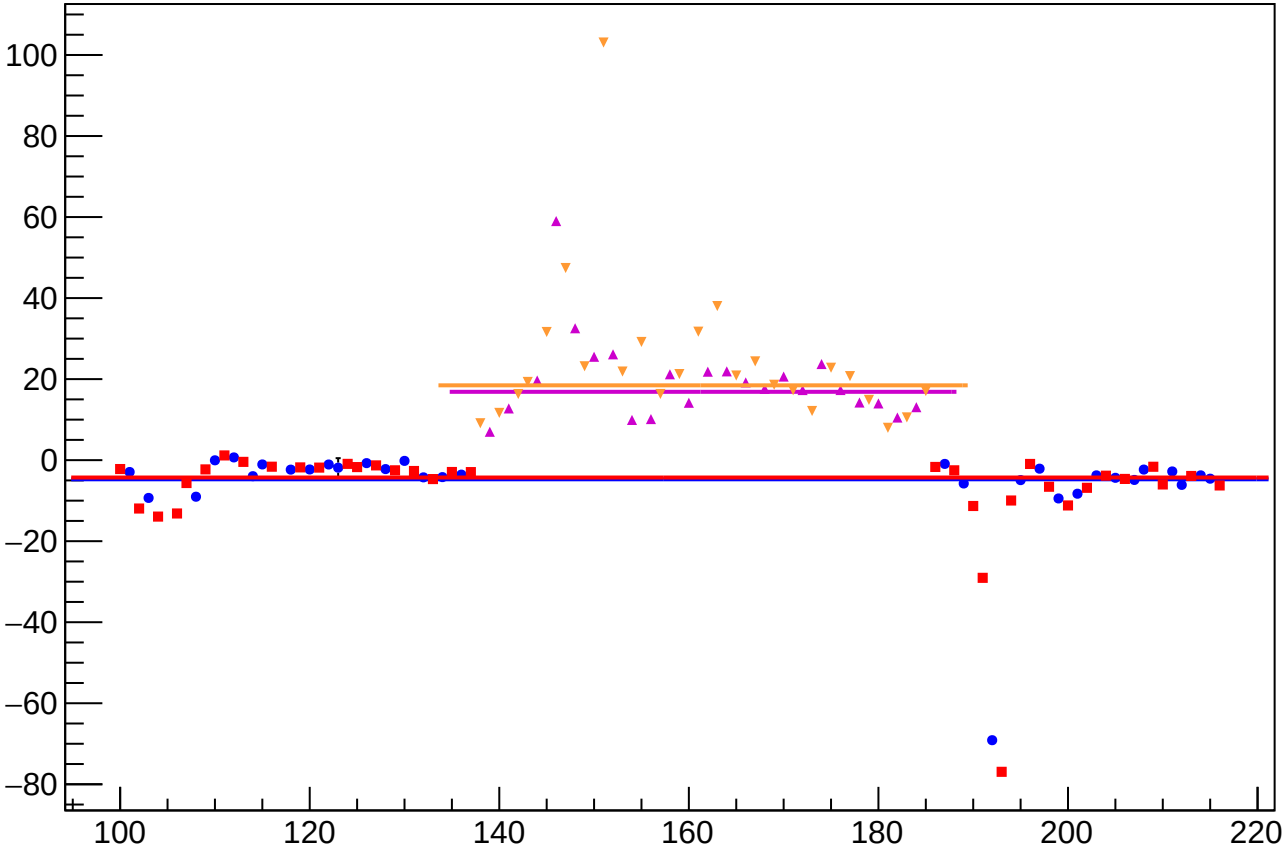
Left In: 0.371+/-0.031 χ^2/NDF:6217.4/22

+ sign 0.482+/-0.027 χ^2/NDF: 11013.5/56

All: 0.384+/-0.019 χ^2/NDF: 21661.4/114

- sign 0.295+/-0.026 χ^2/NDF: 10622.8/57

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -4.726+/-0.043 χ^2/NDF: 27076.0/31

Left Out: 18.467+/-0.040 χ^2/NDF:77226.7/24

Right Out: -4.286+/-0.040 χ^2/NDF: 28230.3/34

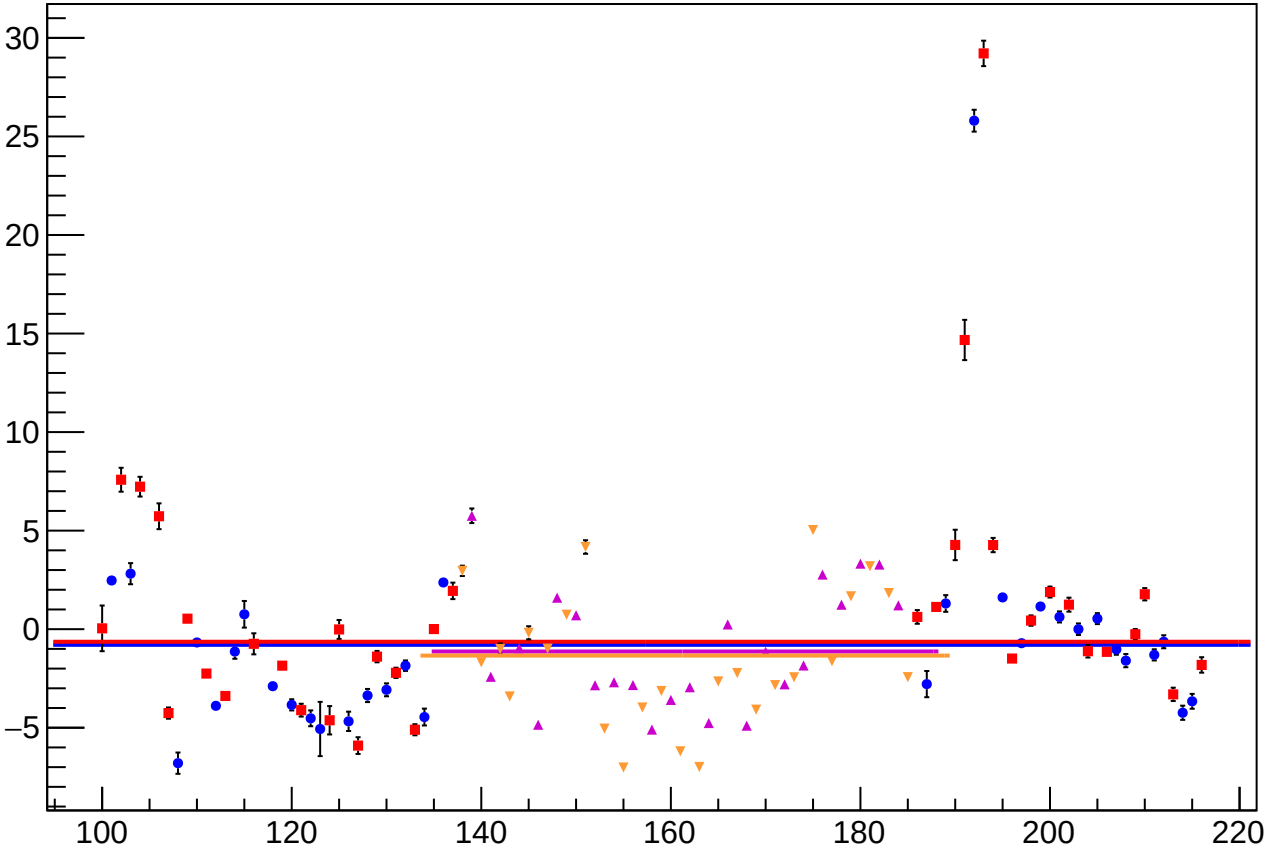
Left In: 16.867+/-0.039 χ^2/NDF:39779.0/22

+ sign 7.773+/-0.029 χ^2/NDF: 260223.4/56

All: 7.257+/-0.020 χ^2/NDF: 472163.6/114

- sign 6.789+/-0.028 χ^2/NDF: 211347.9/57

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.793+/-0.054 χ^2/NDF: 4071.4/31

Left Out: -1.340+/-0.037 χ^2/NDF:7907.4/24

Right Out: -0.637+/-0.051 χ^2/NDF: 4601.3/34

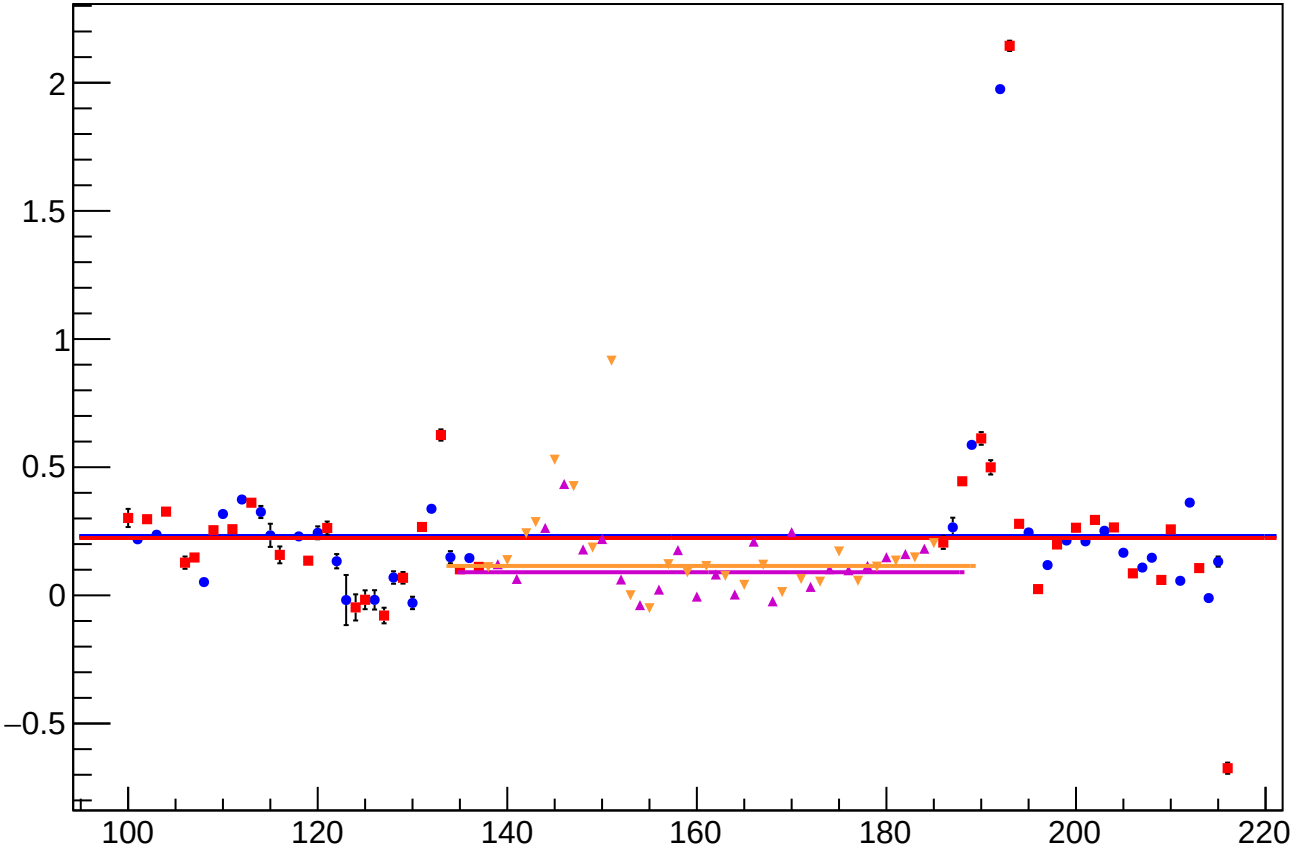
Left In: -1.132+/-0.035 χ^2/NDF:6708.5/22

+ sign -1.166+/-0.030 χ^2/NDF: 12049.8/56

All: -1.067+/-0.021 χ^2/NDF: 23443.9/114

- sign -0.976+/-0.029 χ^2/NDF: 11373.4/57

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.231+/-0.002 χ^2/NDF: 11742.0/31

Left Out: 0.115+/-0.002 χ^2/NDF:4431.9/24

Right Out: 0.224+/-0.002 χ^2/NDF: 13871.3/34

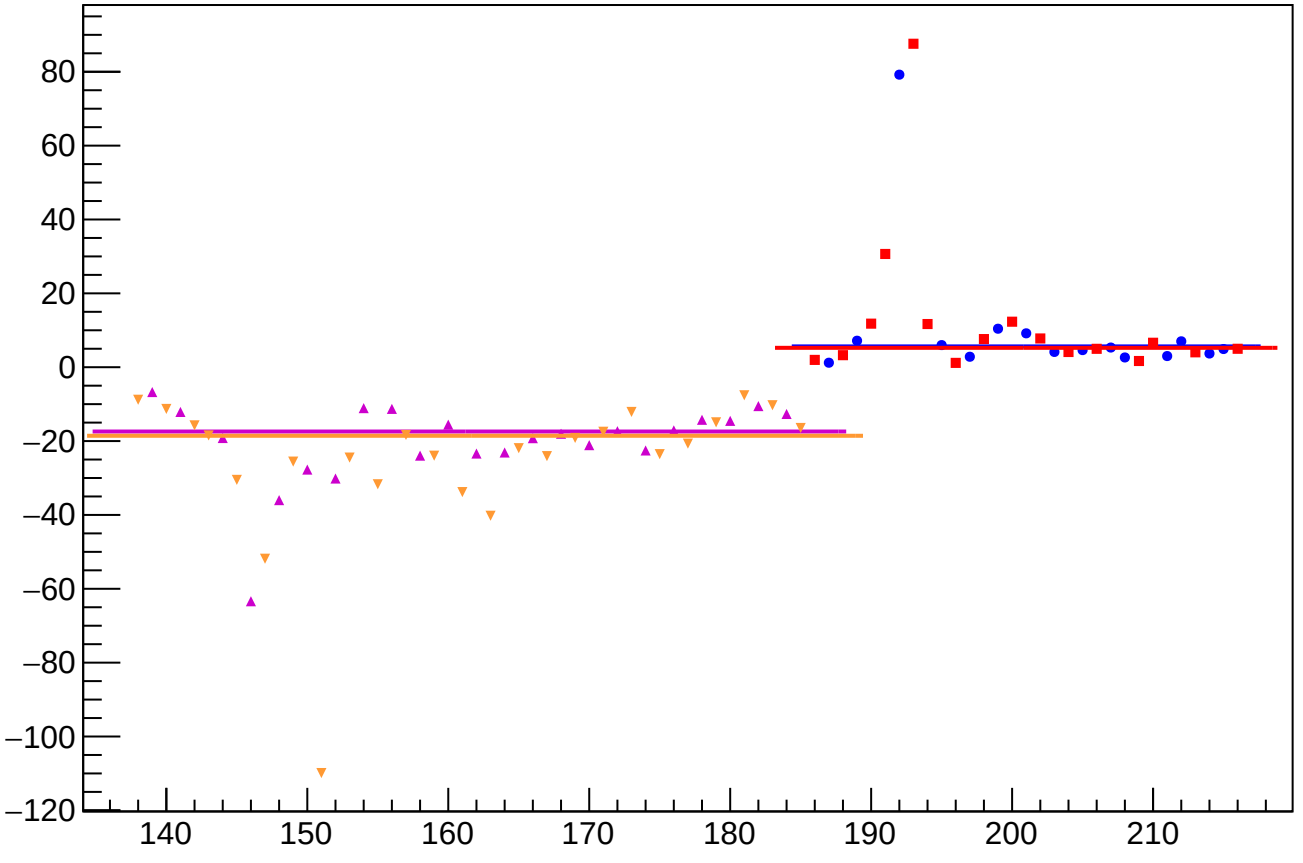
Left In: 0.090+/-0.002 χ^2/NDF:3676.5/22

+ sign 0.152+/-0.001 χ^2/NDF: 17811.6/56

All: 0.141+/-0.001 χ^2/NDF: 37790.9/114

- sign 0.131+/-0.001 χ^2/NDF: 19845.4/57

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 5.633+/-0.049 χ^2/NDF: 25705.0/14

Left Out: -18.566+/-0.040 χ^2/NDF:86389.6/24

Right Out: 5.249+/-0.049 χ^2/NDF: 26049.5/15

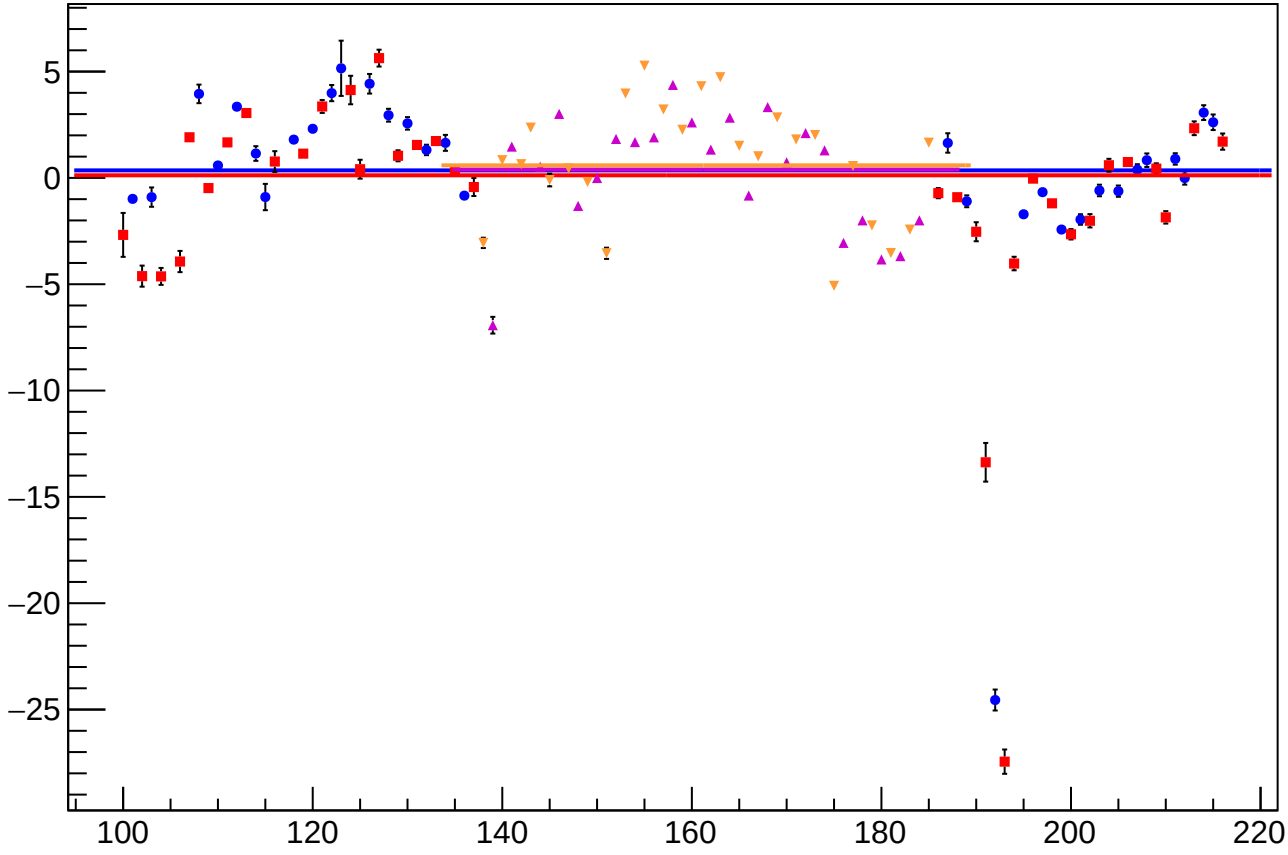
Left In: -17.414+/-0.039 χ^2/NDF:43504.1/22

\+ sign -8.930+/-0.031 χ^2/NDF: 257134.9/39

All: -8.696+/-0.022 χ^2/NDF: 458031.5/78

\- sign -8.470+/-0.031 χ^2/NDF: 200785.4/38

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 0.354+/-0.047 χ^2/NDF: 3969.6/31

Left Out: 0.591+/-0.033 χ^2/NDF:6796.5/24

Right Out: 0.122+/-0.045 χ^2/NDF: 4323.8/34

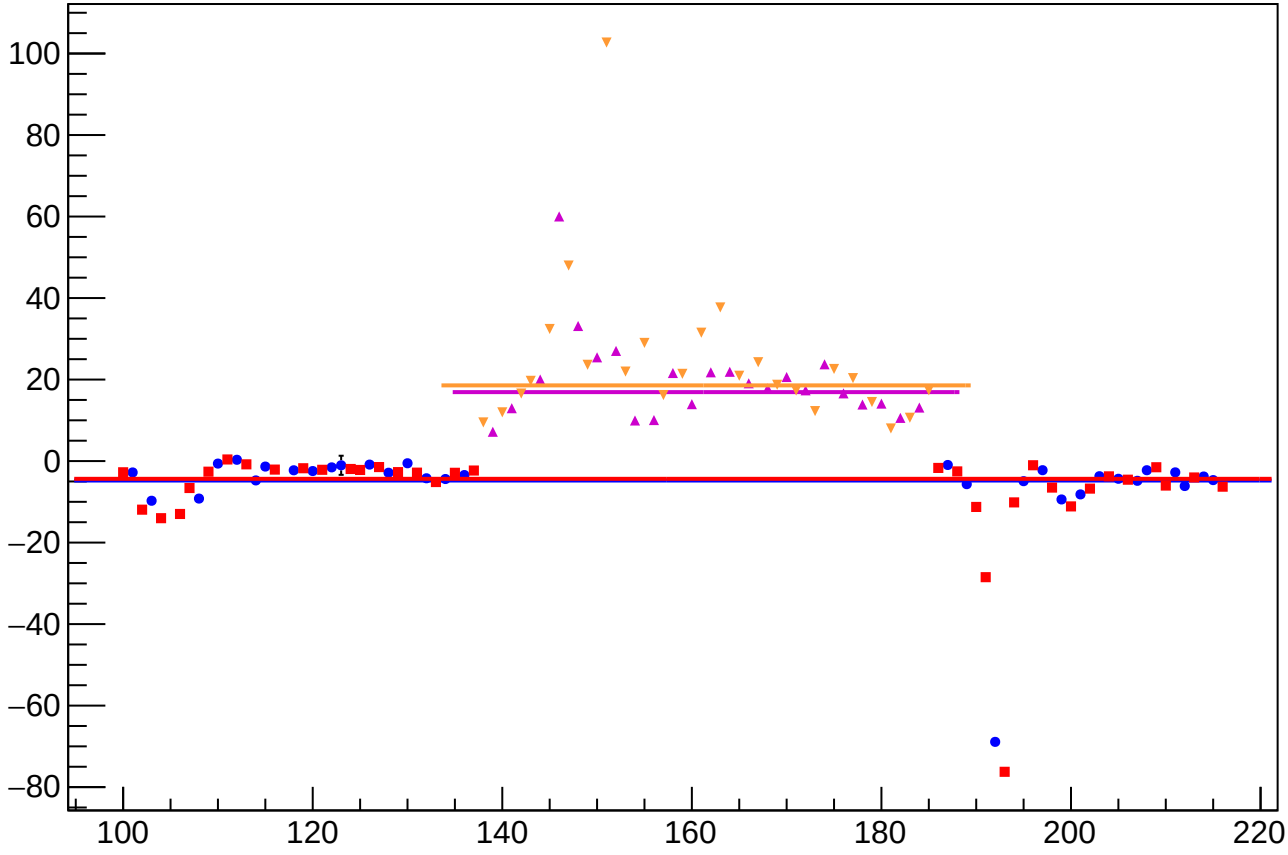
Left In: 0.394+/-0.032 χ^2/NDF:6059.8/22

+ sign 0.512+/-0.027 χ^2/NDF: 10782.9/56

All: 0.403+/-0.019 χ^2/NDF: 21221.6/114

- sign 0.304+/-0.026 χ^2/NDF: 10408.0/57

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -4.770+/-0.044 χ^2/NDF: 26412.7/31

Left Out: 18.573+/-0.040 χ^2/NDF:76029.9/24

Right Out: -4.355+/-0.041 χ^2/NDF: 27366.5/34

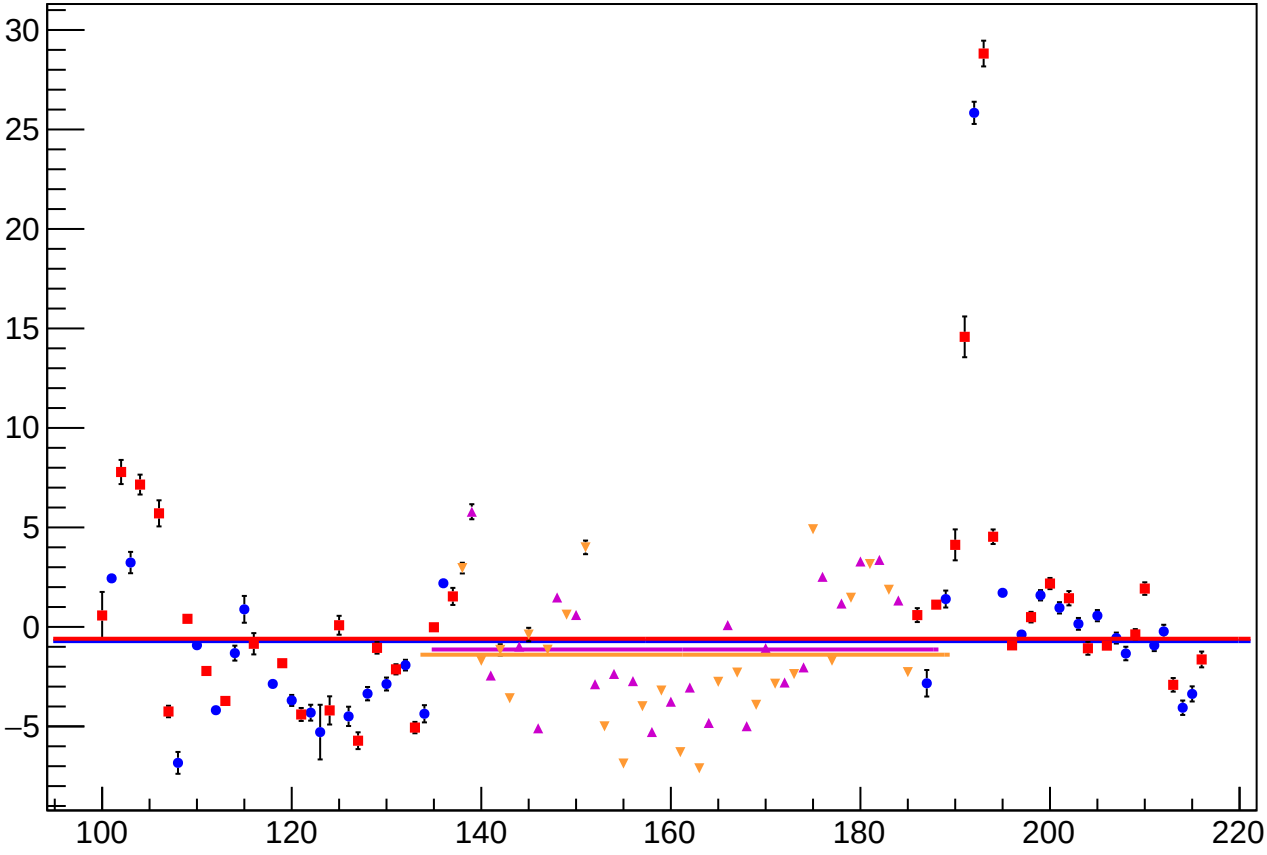
Left In: 16.919+/-0.039 χ^2/NDF:40154.5/22

+ sign 7.840+/-0.030 χ^2/NDF: 257003.6/56

All: 7.316+/-0.020 χ^2/NDF: 466791.3/114

- sign 6.838+/-0.028 χ^2/NDF: 209187.3/57

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -0.714+/-0.054 χ^2/NDF: 4046.1/31

Left Out: -1.396+/-0.037 χ^2/NDF:7651.5/24

Right Out: -0.595+/-0.052 χ^2/NDF: 4524.5/34

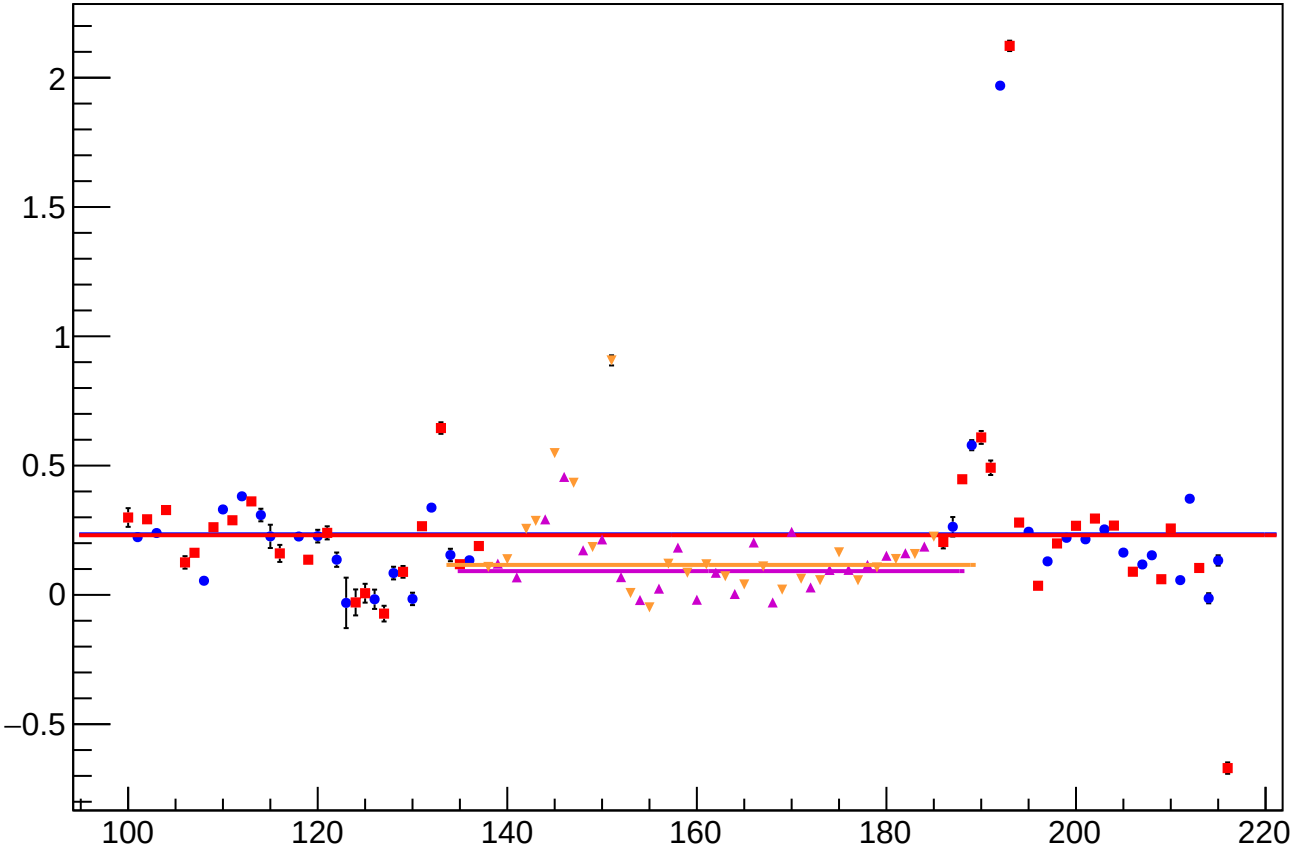
Left In: -1.135+/-0.035 χ^2/NDF:6597.7/22

+ sign -1.180+/-0.031 χ^2/NDF: 11805.9/56

All: -1.068+/-0.021 χ^2/NDF: 23027.8/114

- sign -0.965+/-0.029 χ^2/NDF: 11195.9/57

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.234+/-0.002 χ^2/NDF: 11487.5/31

Left Out: 0.116+/-0.002 χ^2/NDF:4463.0/24

Right Out: 0.231+/-0.002 χ^2/NDF: 13339.1/34

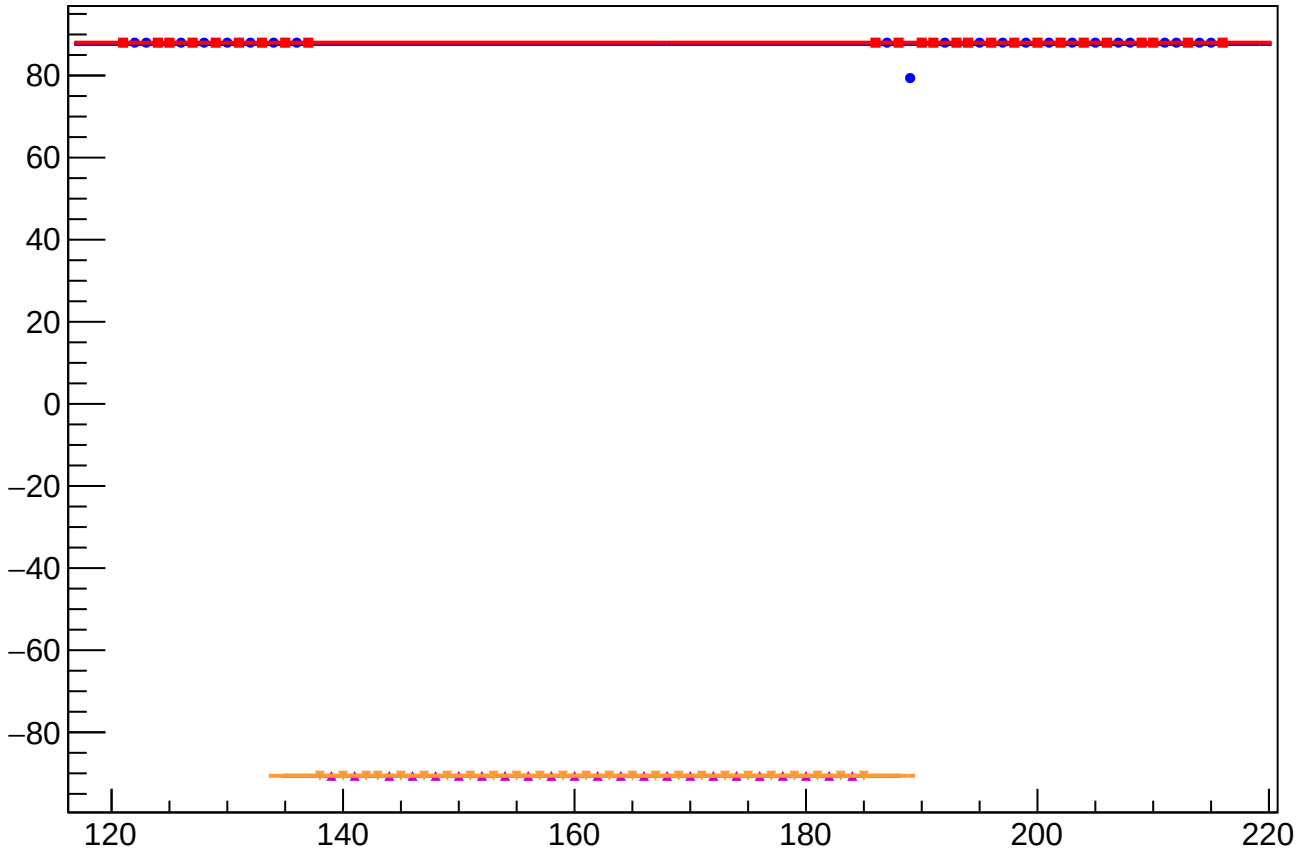
Left In: 0.092+/-0.002 χ^2/NDF:3631.4/22

+ sign 0.154+/-0.001 χ^2/NDF: 17595.2/56

All: 0.143+/-0.001 χ^2/NDF: 37091.6/114

- sign 0.134+/-0.001 χ^2/NDF: 19381.9/57

VWienAngle_mean vs Slug



Right In: 87.695+/-0.000 χ^2/NDF: 3661599069917252979823036636069888.0/22

Left Out: -90.599+/-0.000 χ^2/NDF:6053403.0/24

Right Out: 88.001+/-0.000 χ^2/NDF: 1542481.8/24

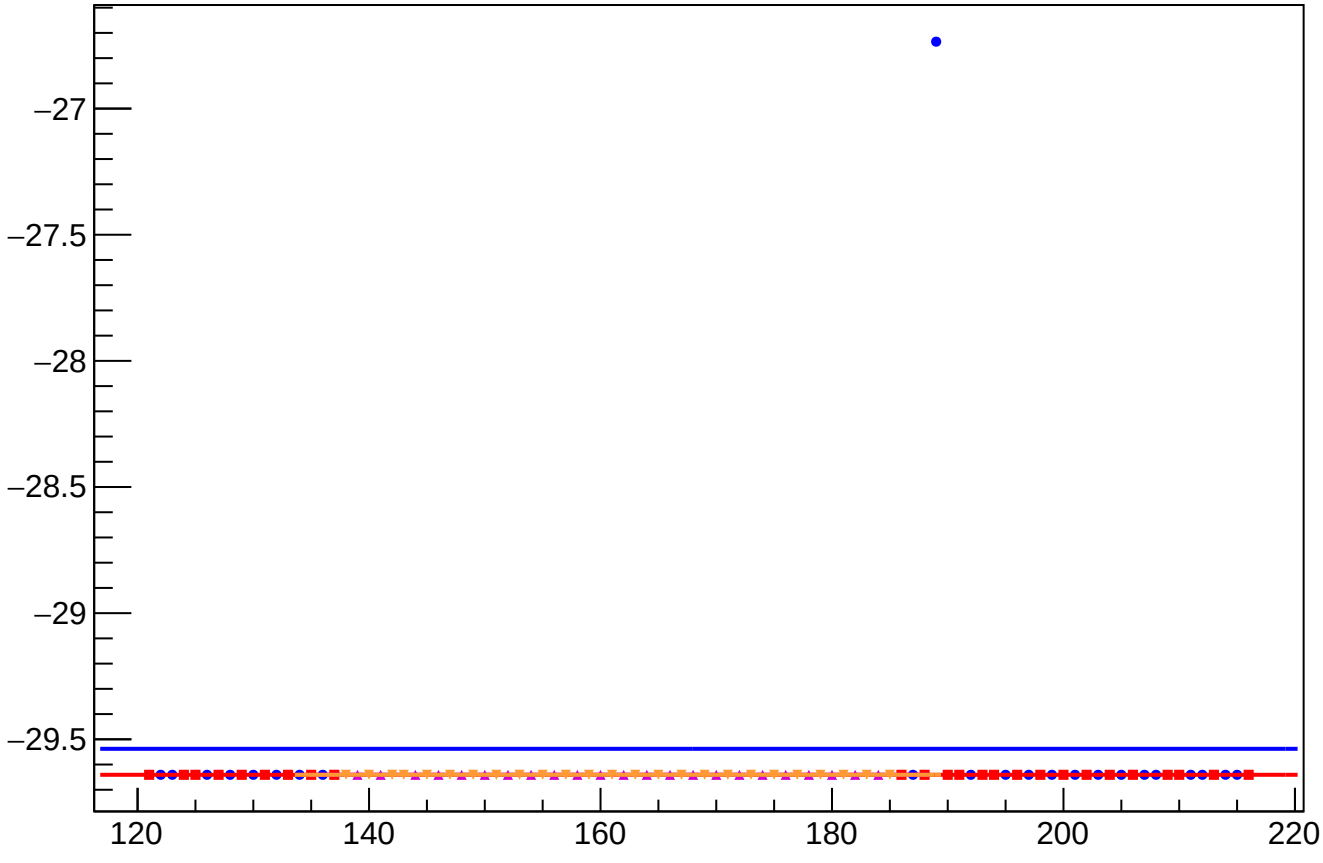
Left In: -90.599+/-0.000 χ^2/NDF:5932436.0/22

+ sign -13.990+/-0.000 χ^2/NDF: 260924307162101

All: -12.789+/-0.000 χ^2/NDF: 516698696537

- sign -11.551+/-0.000 χ^2/NDF: 2556763360888887

HWienAngle_mean vs Slug



Right In: -29.538+/-0.000 χ^2/NDF: 4154086235884033531044219521597440/22

Left Out: -29.641+/-0.000 χ^2/NDF:654199.2/24

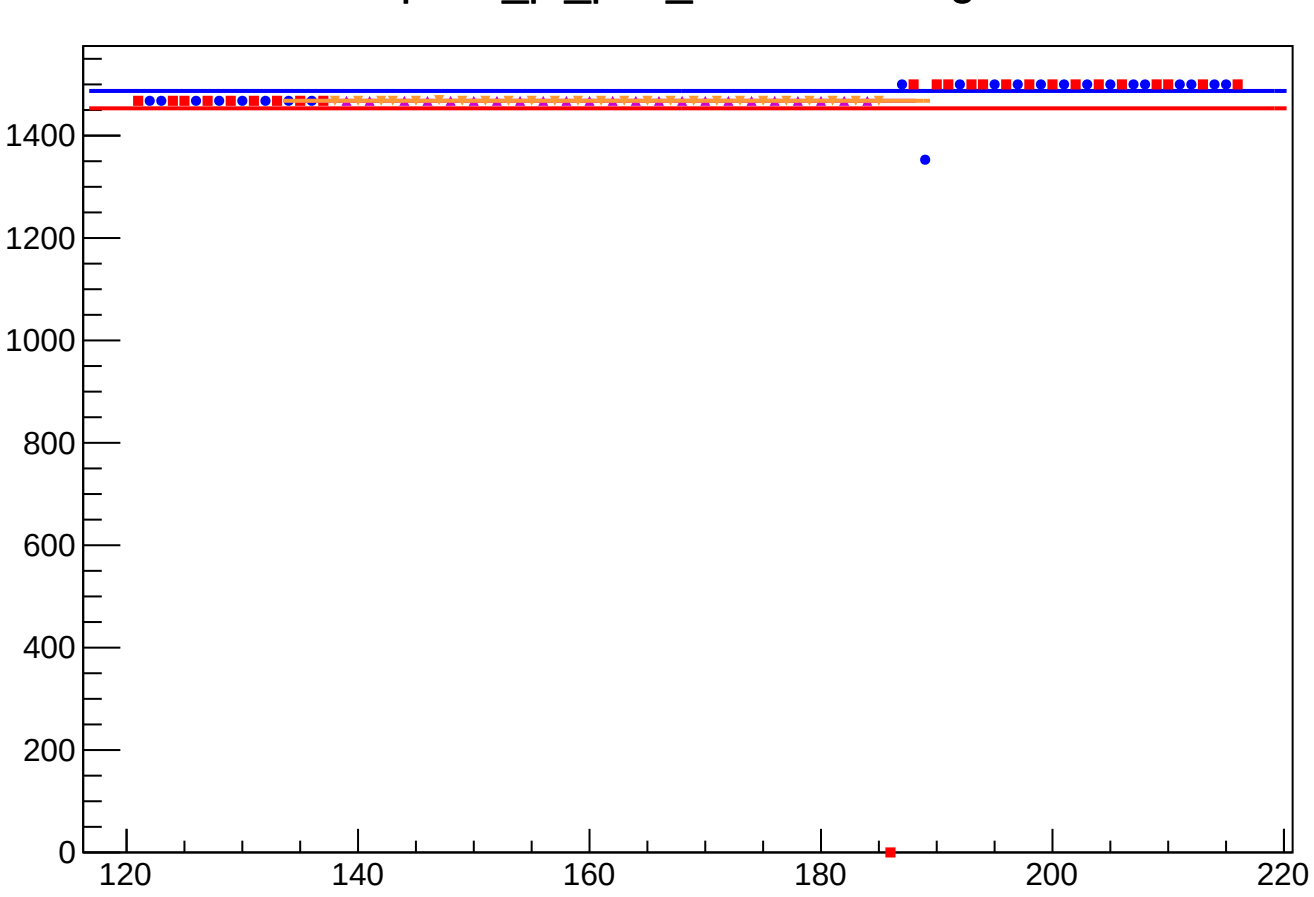
Right Out: -29.641+/-0.000 χ^2/NDF: 1515849.9/24

Left In: -29.641+/-0.000 χ^2/NDF:511825.6/22

+ sign -29.596+/-0.000 χ^2/NDF: 424113737081728

All: -29.618+/-0.000 χ^2/NDF: 427343266644

- sign -29.641+/-0.000 χ^2/NDF: 2353254.1/47



Right In: 1487.246+/-0.000 χ^2/NDF: 12164243976931421986536421754667008 00.0/22

Left Out: 1468.048+/-0.000 χ^2/NDF:12796098092296597503906950204620 8.0/24

Right Out: 1453.304+/-0.000 χ^2/NDF: 82688321038674718662241970692904976384.0/24

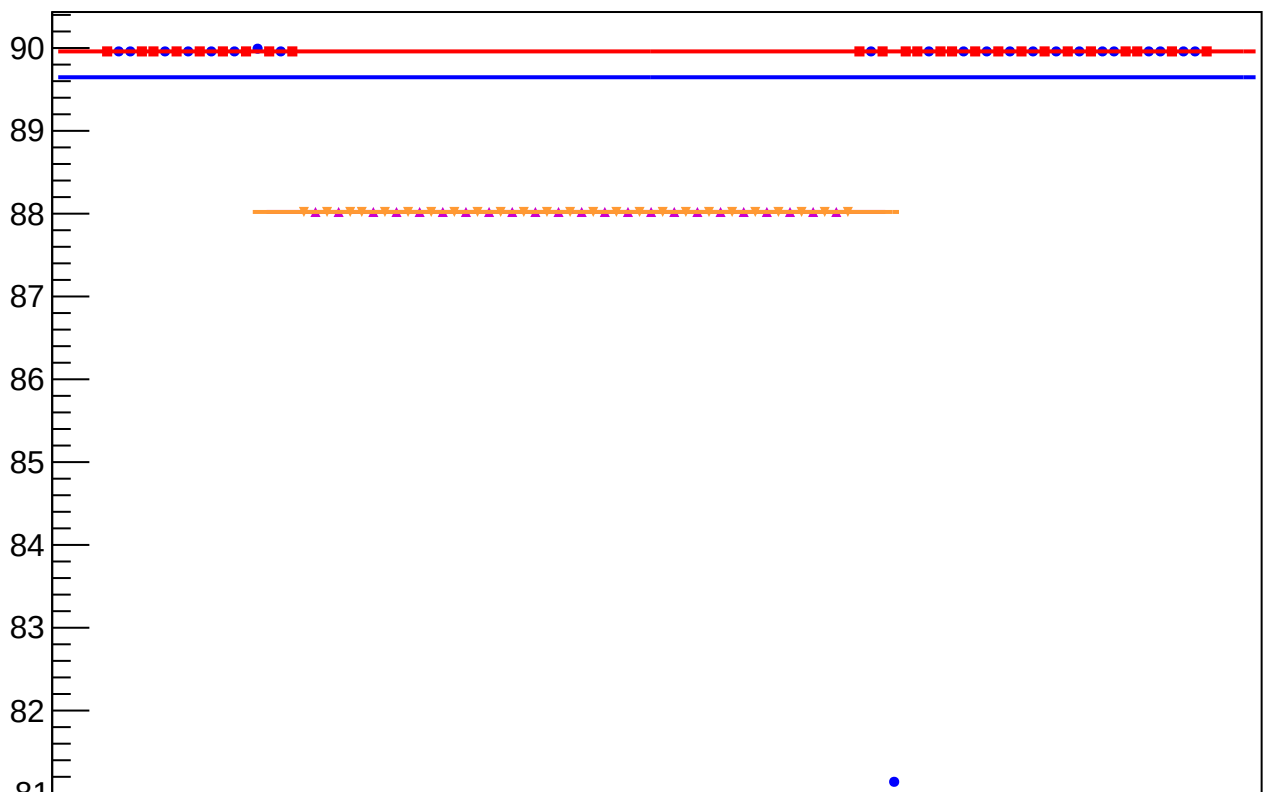
Left In: 1467.994+/-0.000 χ^2/NDF:14584870234027503531099317862 4.0/22

+ sign 1476.297+/-0.000 χ^2/NDF: 15190197451403

All: 1469.006+/-0.000 χ^2/NDF: 8474177037

- sign 1461.492+/-0.000 χ^2/NDF: 82861294278053

Phi_FG_mean vs Slug



Right In: 89.647+/-0.000 χ^2/NDF: 382685860442510260367938079529369 6.0/22

Left Out: 88.021+/-0.000 χ^2/NDF:5326388.8/24

Right Out: 89.959+/-0.000 χ^2/NDF: 4333408.6/24

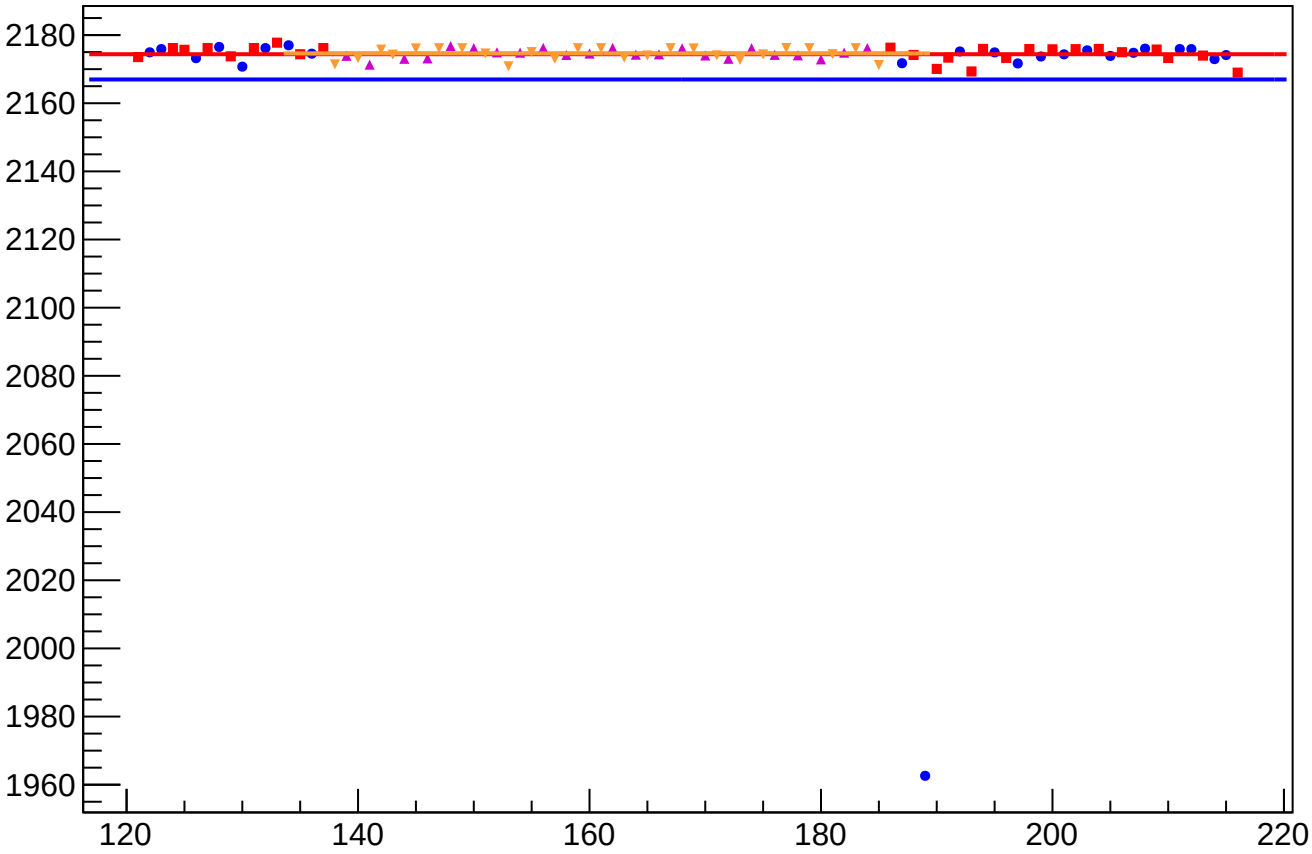
Left In: 88.021+/-0.000 χ^2/NDF:6084099.2/22

+ sign 88.720+/-0.000 χ^2/NDF: 5997996045193425

All: 88.798+/-0.000 χ^2/NDF: 9052082768027

- sign 88.879+/-0.000 χ^2/NDF: 3012320944992508

HALLA_p_mean vs Slug



Right In: 2166.974+/-0.000 χ^2/NDF: 2211056324357146436969492293884051456.0/22

Left Out: 2174.622+/-0.000 χ^2/NDF:5110578135476093110874911595823104.0/24

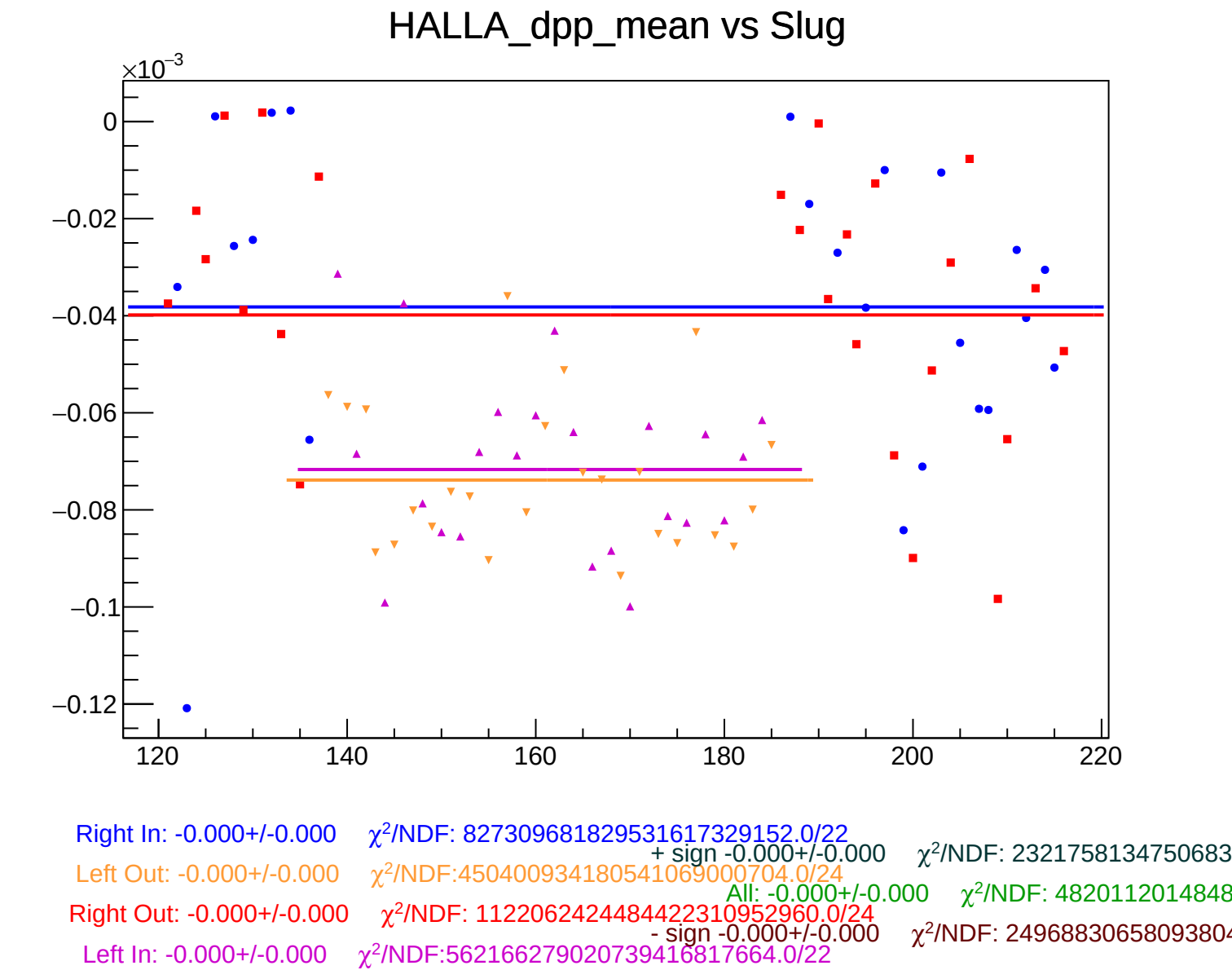
Right Out: 2174.384+/-0.000 χ^2/NDF: 695227905721298231384279449023283 2.0/24

Left In: 2174.539+/-0.000 χ^2/NDF:340074256242516896749466539157094 4.0/22

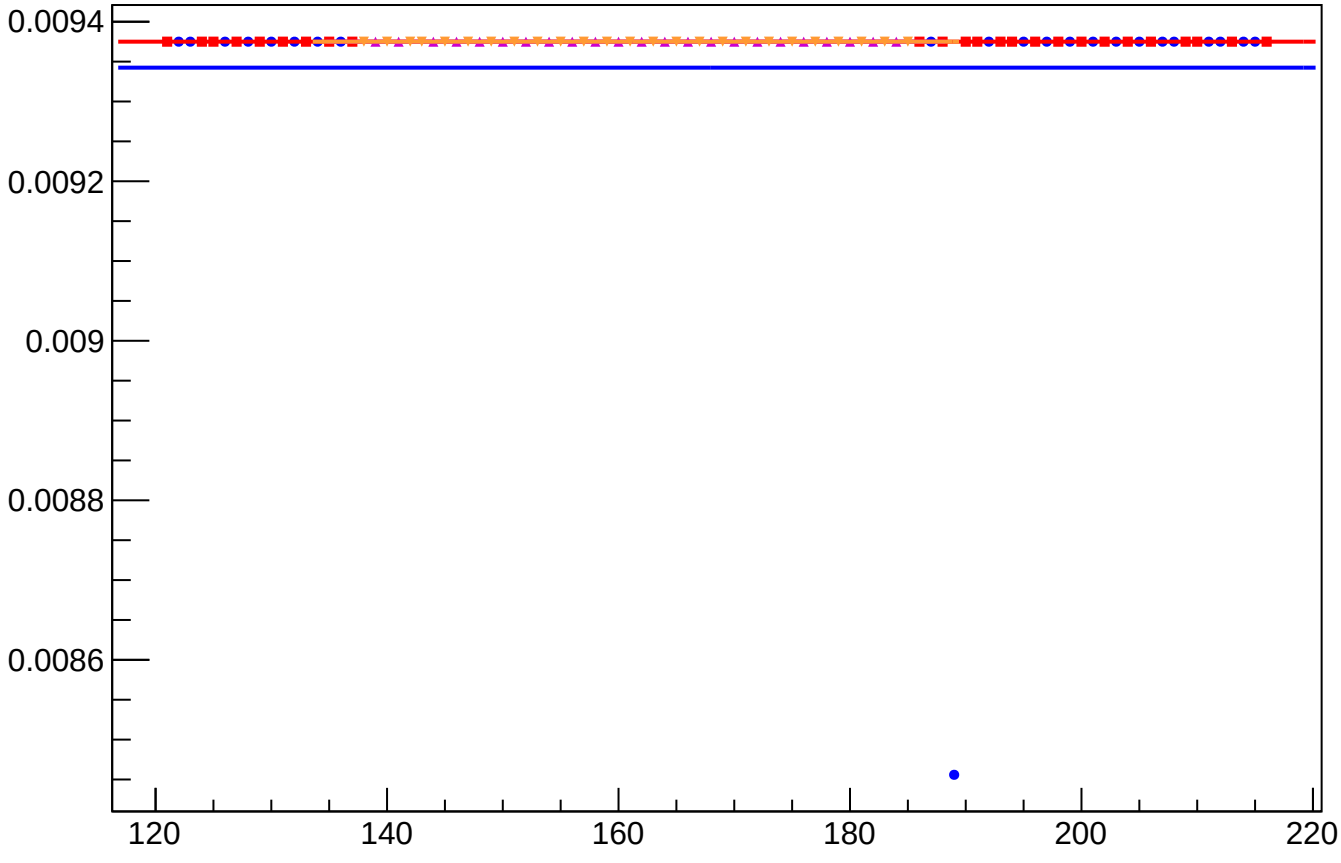
+ sign 2171.336+/-0.000 χ^2/NDF: 22641710923435

All: 2172.879+/-0.000 χ^2/NDF: 2290747456

- sign 2174.470+/-0.000 χ^2/NDF: 10372236868168


HALLA_dpp_mean vs Slug
×10⁻³
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
120
140
160
180
200
220
Right In: -0.000+/-0.000 χ²/NDF: 8273096818295316173291520.0/22
+ sign -0.000+/-0.000 χ²/NDF: 2321758134750683
Left Out: -0.000+/-0.000 χ²/NDF:450400934180541069000704.0/24
All: -0.000+/-0.000 χ²/NDF: 4820112014848
Right Out: -0.000+/-0.000 χ²/NDF: 1122062424484422310952960.0/24
- sign -0.000+/-0.000 χ²/NDF: 2496883065809380
Left In: -0.000+/-0.000 χ²/NDF:562166279020739416816764.0/22

MQ171LM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 41556700425130835181568000.0/22

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.1/24

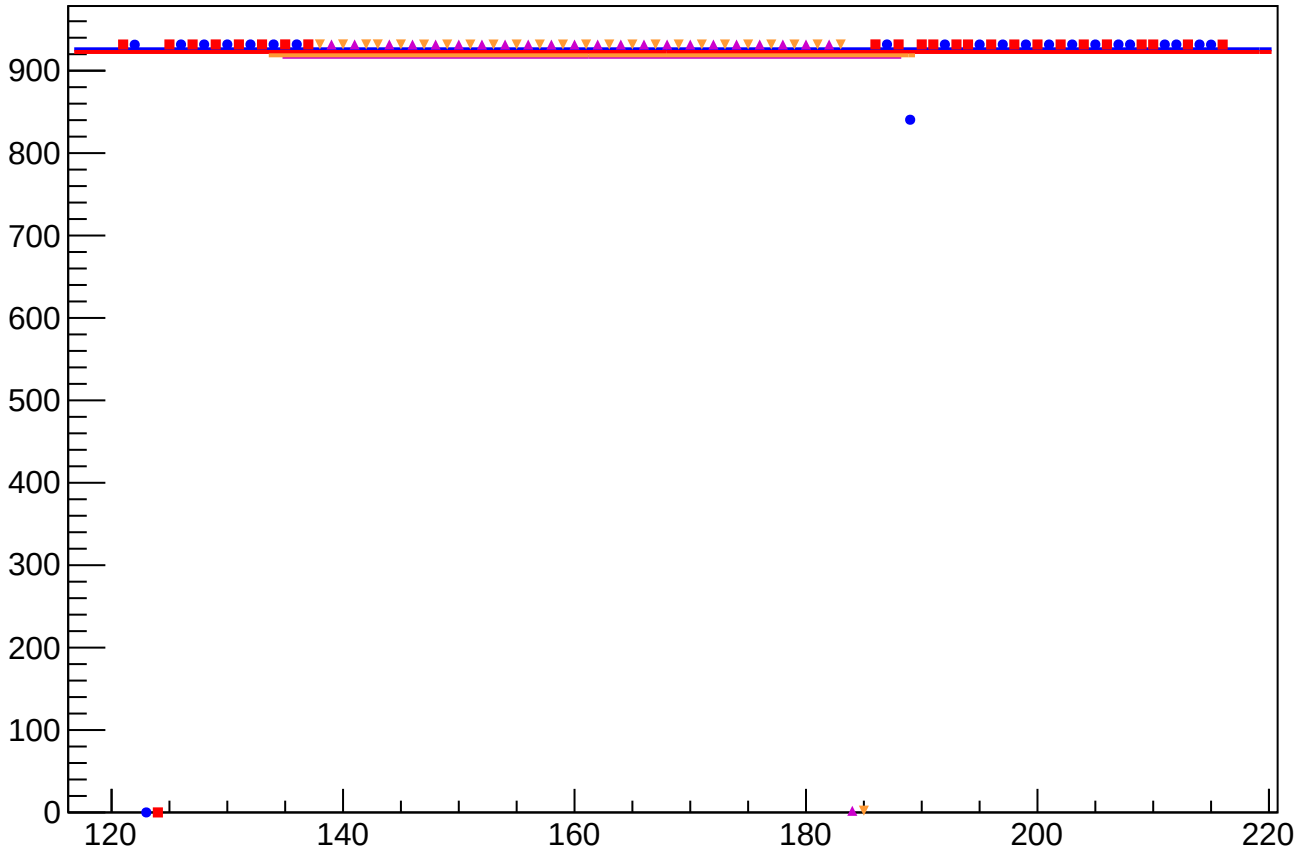
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 42427543669750969

All: 0.009+/-0.000 χ^2/NDF: 4275061975665

- sign 0.009+/-0.000 χ^2/NDF: 0.2/47

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 925.951+/-0.000 χ^2/NDF: 384874723865165279364583530873801932 8.0/22

+ sign 921.784+/-0.000 χ^2/NDF: 268960570990002

Left Out: 918.645+/-0.000 χ^2/NDF:230034987040560849397524325213363240 96.0/24

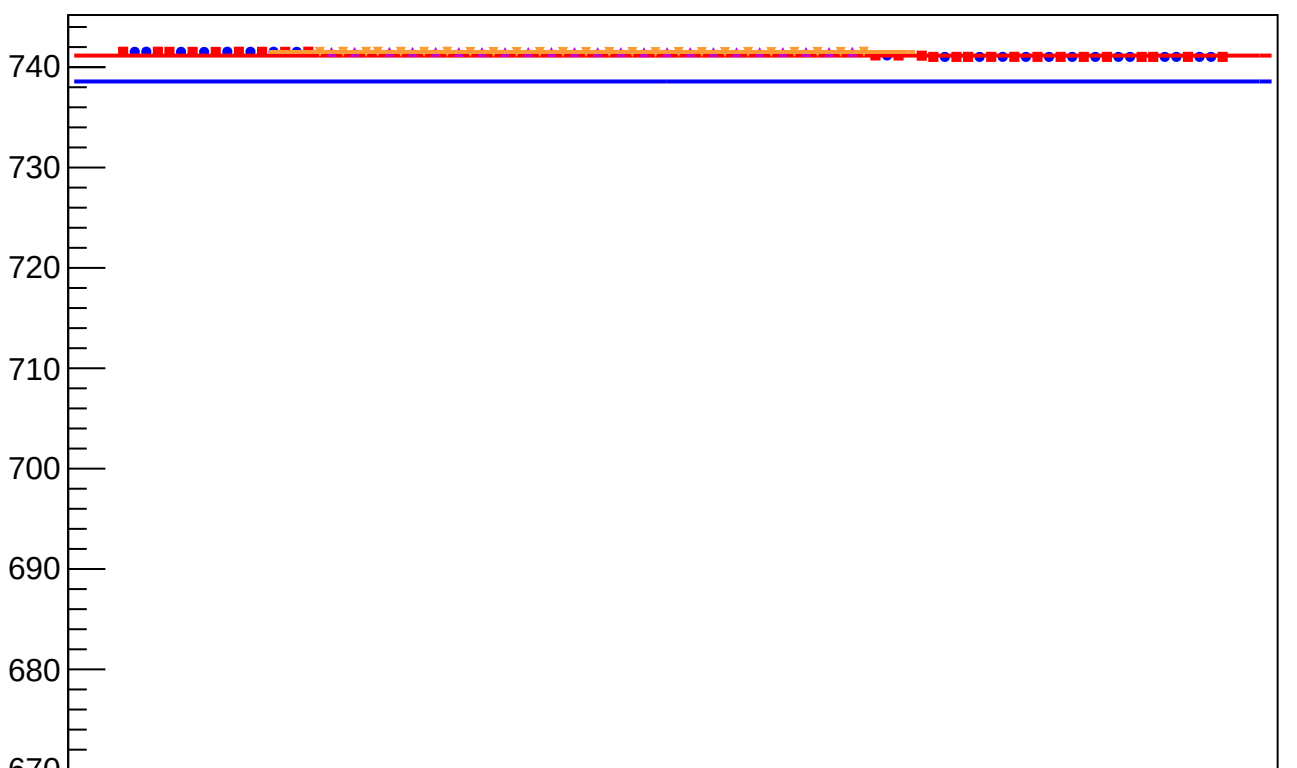
All: 920.644+/-0.000 χ^2/NDF: 6363603514 93

Right Out: 922.716+/-0.000 χ^2/NDF: 120360314367704956872147195421010 16576.0/24

- sign 919.468+/-0.000 χ^2/NDF: 367311354009472

Left In: 916.890+/-0.000 χ^2/NDF:246678949174762312502869443888881 33632.0/22

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 738.575+/-0.000 χ^2/NDF: 259695827327483166432240915441516544.0/22

+ sign 740.250+/-0.000 χ^2/NDF: 266780469531185

Left Out: 741.513+/-0.000 χ^2/NDF:24478273740153373153980894412 8.0/24

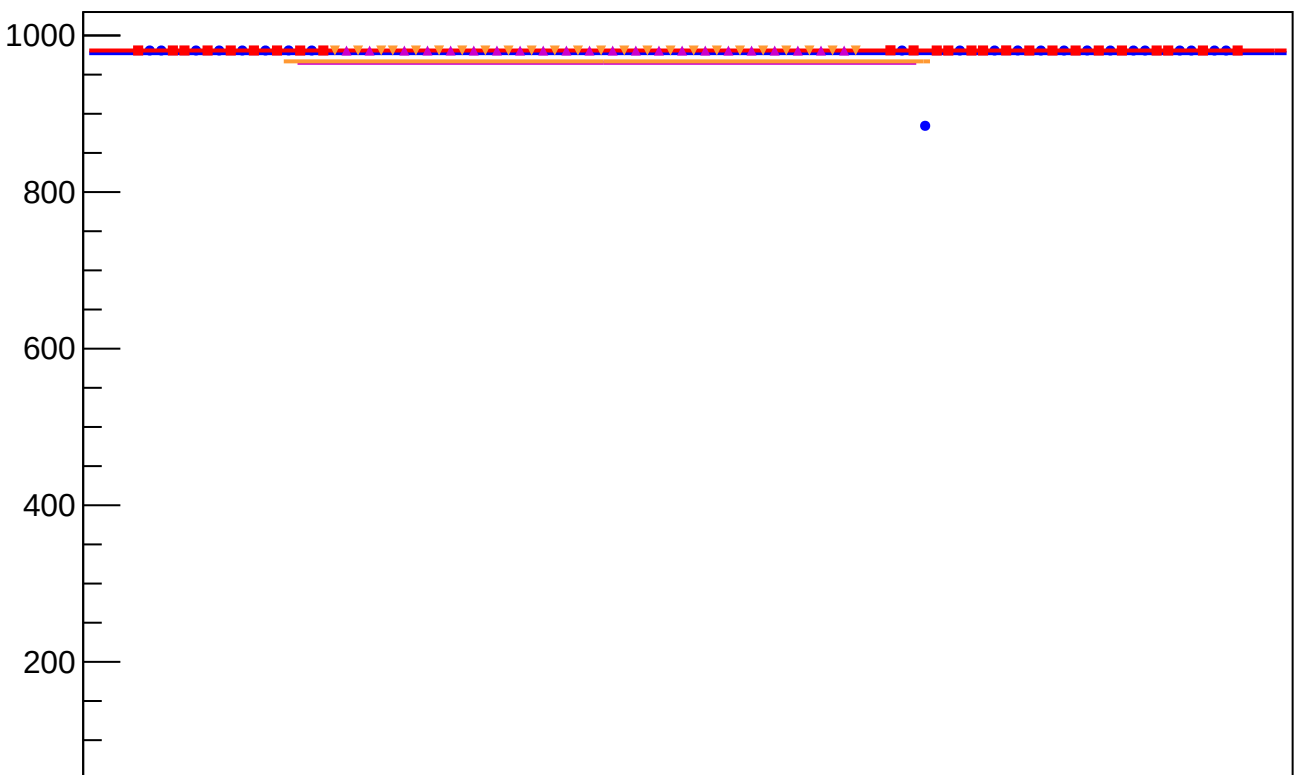
All: 740.793+/-0.000 χ^2/NDF: 26894935966

Right Out: 741.152+/-0.000 χ^2/NDF: 601039005032322077797525288386 56.0/24

- sign 741.353+/-0.000 χ^2/NDF: 164132517399949

Left In: 741.512+/-0.000 χ^2/NDF:215375309108434607405602439168.0/22

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.400+/-0.000 χ^2/NDF: 4549505518281894475242543243738480 64.0/22

+ sign 971.432+/-0.000 χ^2/NDF: 260303914945052

Left Out: 966.936+/-0.000 χ^2/NDF:254855786165434586294322846451839795 20.0/24

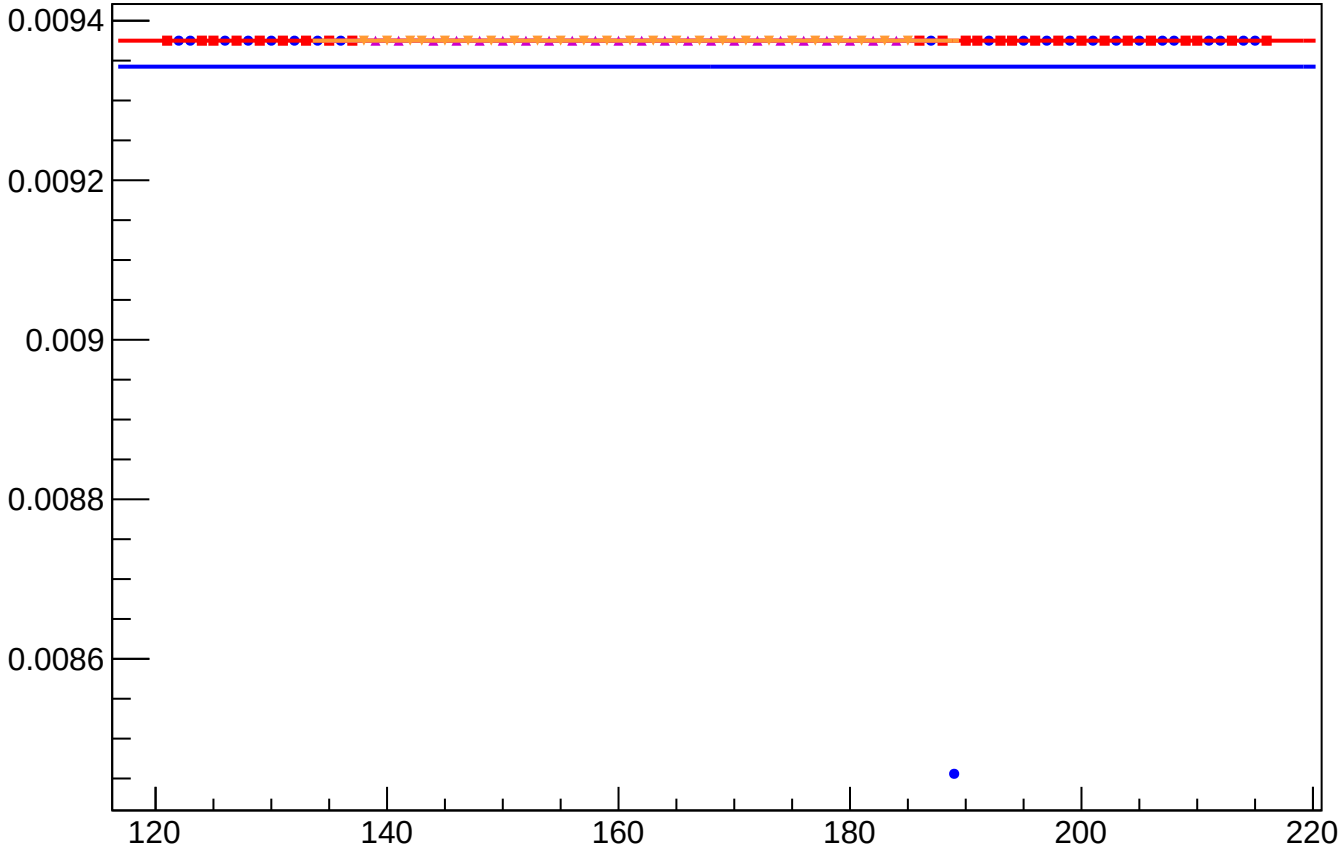
All: 971.740+/-0.000 χ^2/NDF: 535592797205

Right Out: 980.816+/-0.000 χ^2/NDF: 353641310840403616115364515020 8.0/24

- sign 972.057+/-0.000 χ^2/NDF: 275282443561707

Left In: 965.102+/-0.000 χ^2/NDF:27330319430012441419356351914146004992.0/22

MQ172RM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 41556700425130835181568000.0/22

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.1/24

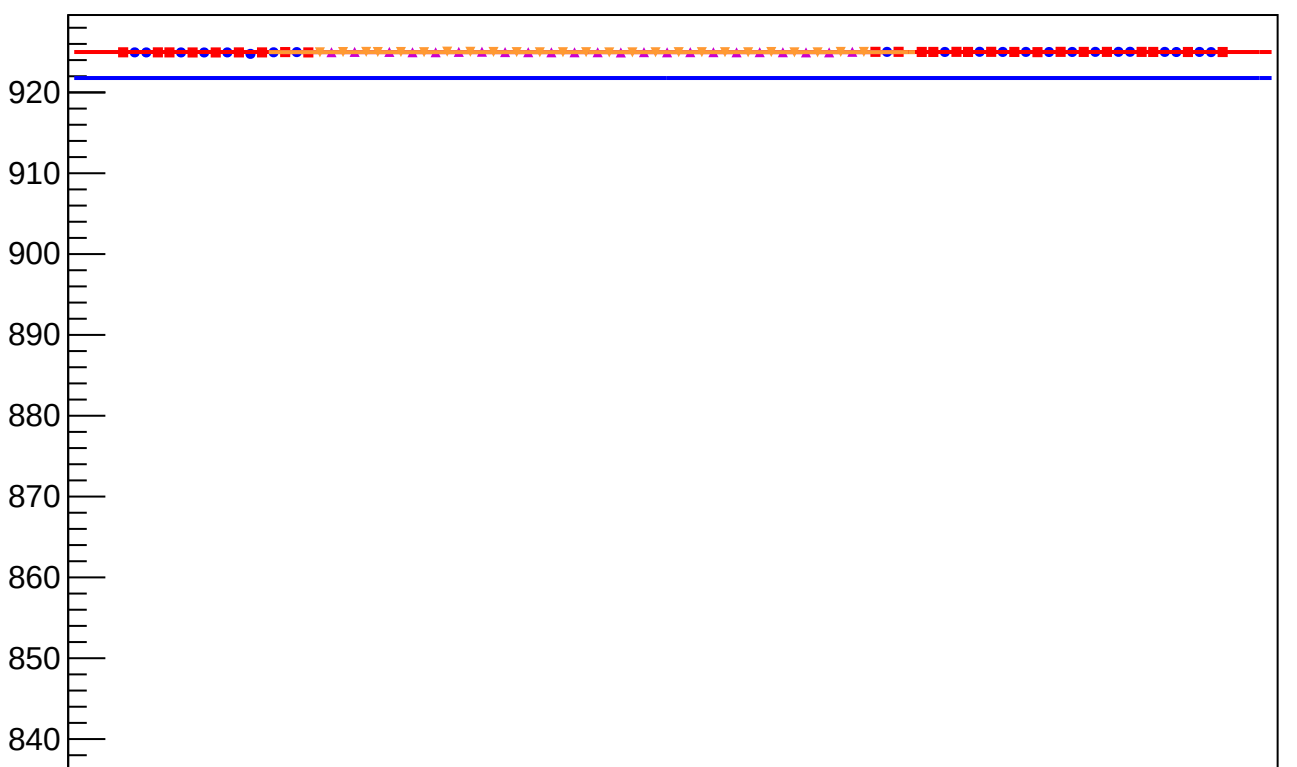
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 42427543669750969

All: 0.009+/-0.000 χ^2/NDF: 4275061975665

- sign 0.009+/-0.000 χ^2/NDF: 0.2/47

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 921.781+/-0.000 χ^2/NDF: 4042676101817781294125190575334359040.0/22

Left Out: 924.983+/-0.000 χ^2/NDF:1041831865443970524066476982272.0/24

Right Out: 924.999+/-0.000 χ^2/NDF: 8873079535634112979446959964160.0/24

Left In: 924.983+/-0.000 χ^2/NDF:8885392243215349607922128650240.0/22

+ sign 923.607+/-0.000 χ^2/NDF: 412679731748591

All: 924.288+/-0.000 χ^2/NDF: 415835105686

- sign 924.990+/-0.000 χ^2/NDF: 197350237106942

HacR_D1_HP3458A_IOUT_mean vs Slug

Right In: 759.880+/-0.000 χ^2/NDF: 27462497833705313341519484795486208 0.0/22

Left Out: 762.518+/-0.000 χ^2/NDF:731741258759628909874415403008.0/24

Right Out: 753.390+/-0.000 χ^2/NDF: 65362549179097907724462455343860940 80.0/24

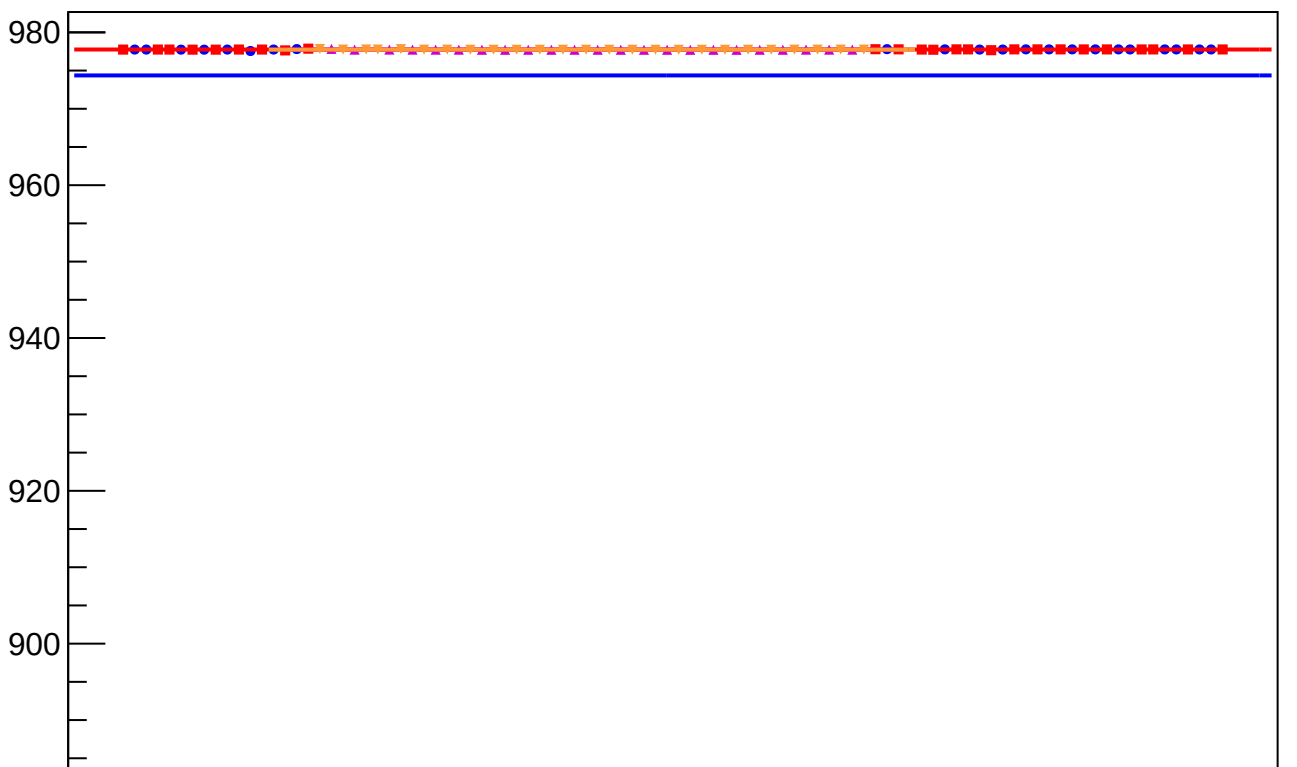
Left In: 762.519+/-0.000 χ^2/NDF:629058355419214408155297480704.0/22

+ sign 761.385+/-0.000 χ^2/NDF: 280336788860486

All: 759.954+/-0.000 χ^2/NDF: 6897322162 58

- sign 758.479+/-0.000 χ^2/NDF: 660305601515947

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 974.364+/-0.000 χ^2/NDF: 45185491990513727992971905471820595 2.0/22

Left Out: 977.738+/-0.000 χ^2/NDF:1154150409979077132991401558016.0/24

Right Out: 977.757+/-0.000 χ^2/NDF: 185405441972192353912982654156 8.0/24

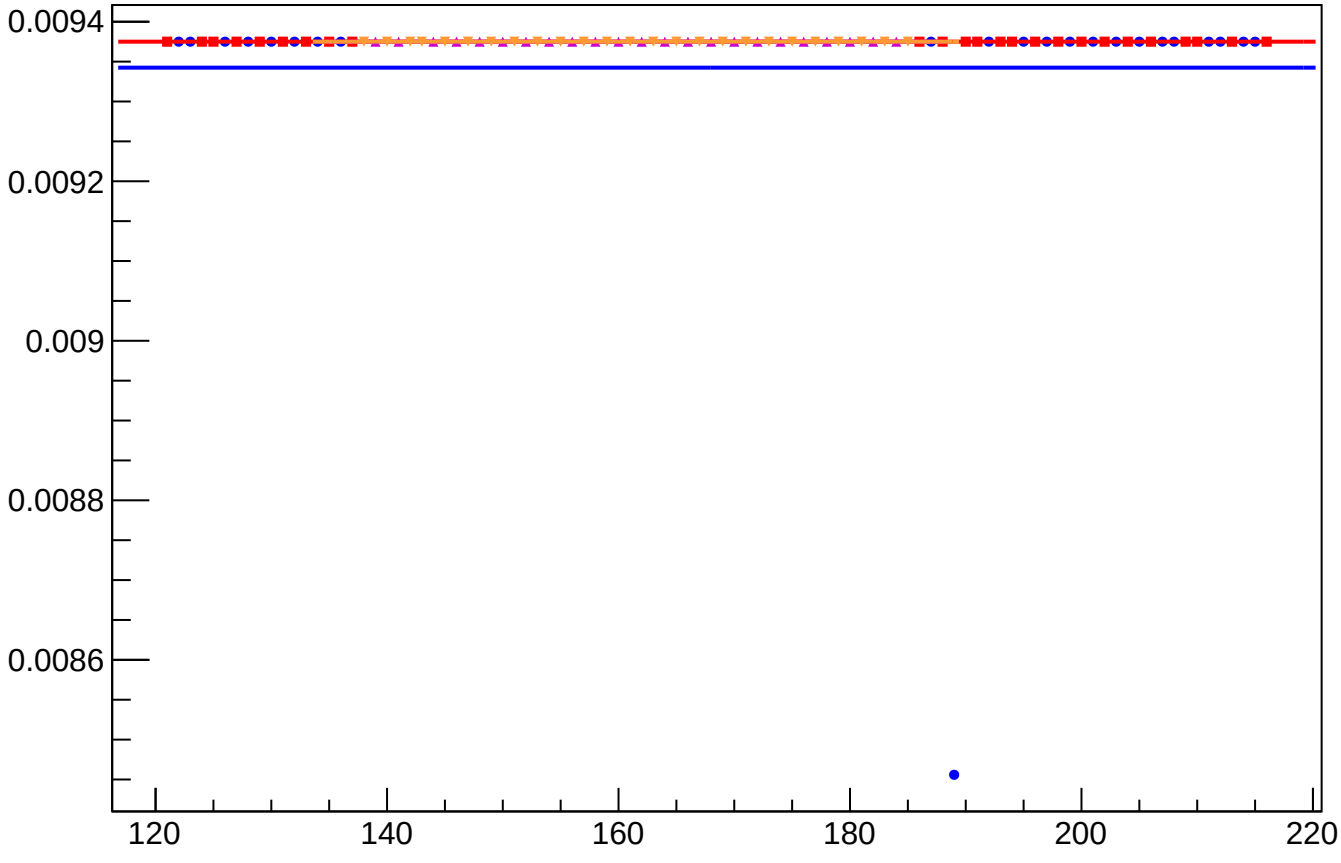
Left In: 977.735+/-0.000 χ^2/NDF:976503887937607318263199432704.0/22

+ sign 976.288+/-0.000 χ^2/NDF: 461199144611459

All: 977.005+/-0.000 χ^2/NDF: 464701443184

- sign 977.745+/-0.000 χ^2/NDF: 321929330950579

hesDipole_current_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 41556700425130835181568000.0/22

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.1/24

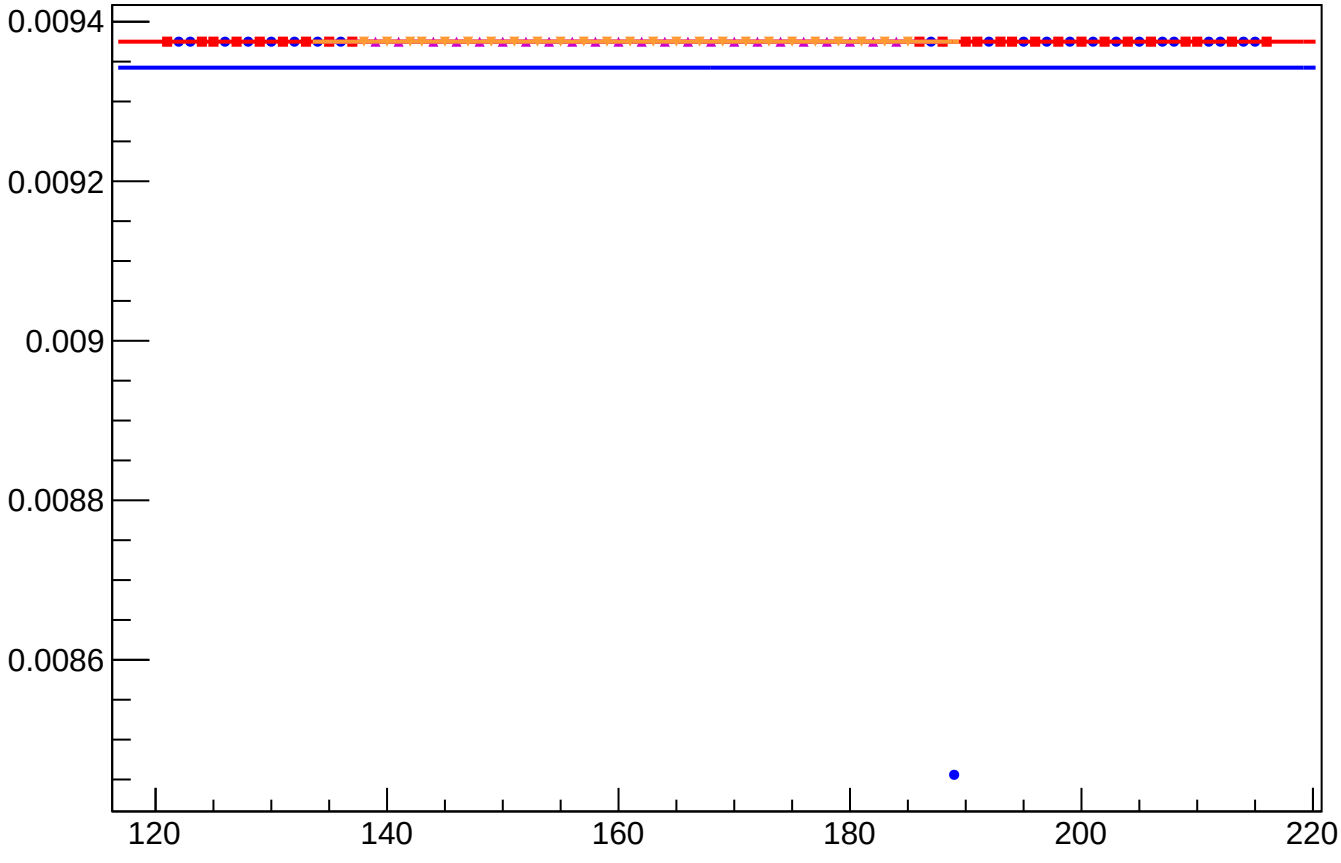
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 42427543669750969

All: 0.009+/-0.000 χ^2/NDF: 4275061975665

- sign 0.009+/-0.000 χ^2/NDF: 0.2/47

MSUPERBIGBITEreadcalc_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 41556700425130835181568000.0/22

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.1/24

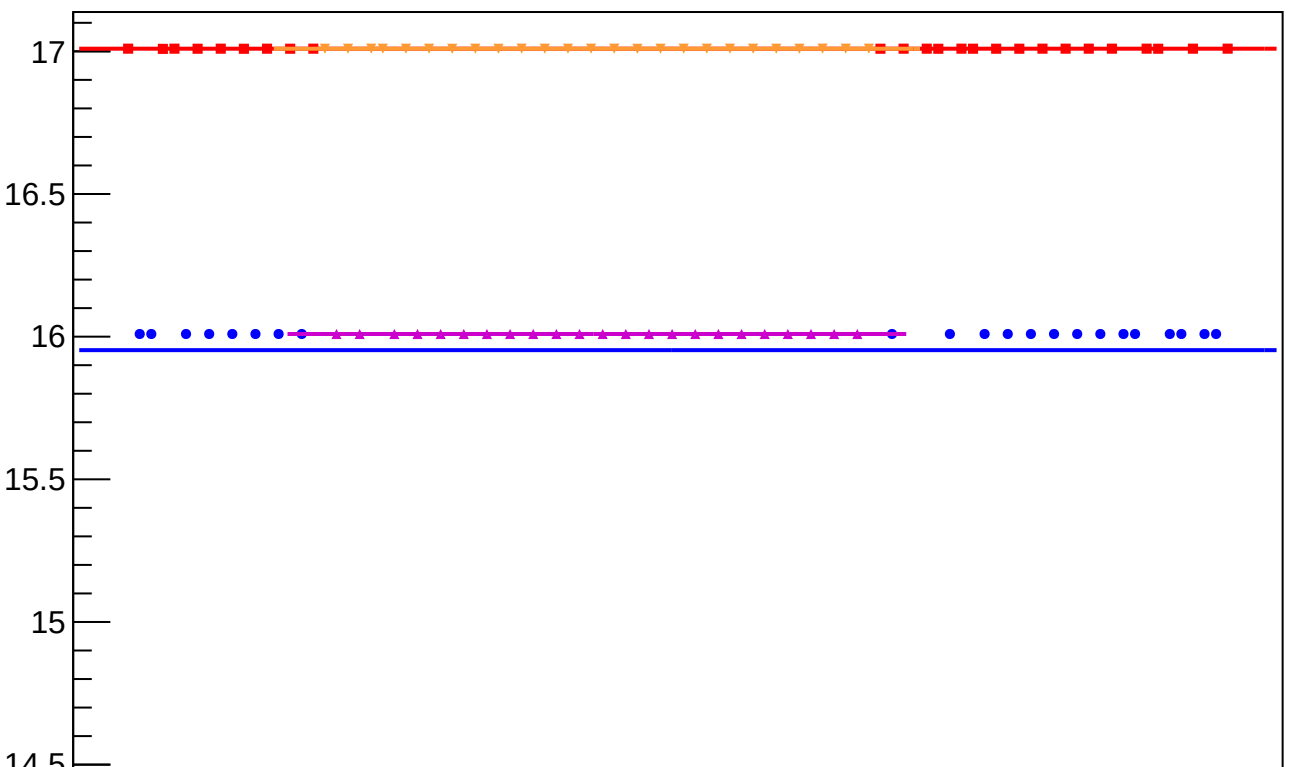
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 42427543669750969

All: 0.009+/-0.000 χ^2/NDF: 4275061975665

- sign 0.009+/-0.000 χ^2/NDF: 0.2/47

IGL1I00DI24_24M_mean vs Slug



Right In: 15.953+/-0.000 χ^2/NDF: 12110138004370610153311796671283 2.0/22

+ sign 16.541+/-0.000 χ^2/NDF: 9993175168436998

Left Out: 17.009+/-0.000 χ^2/NDF:26284444608576238643052544.0/24

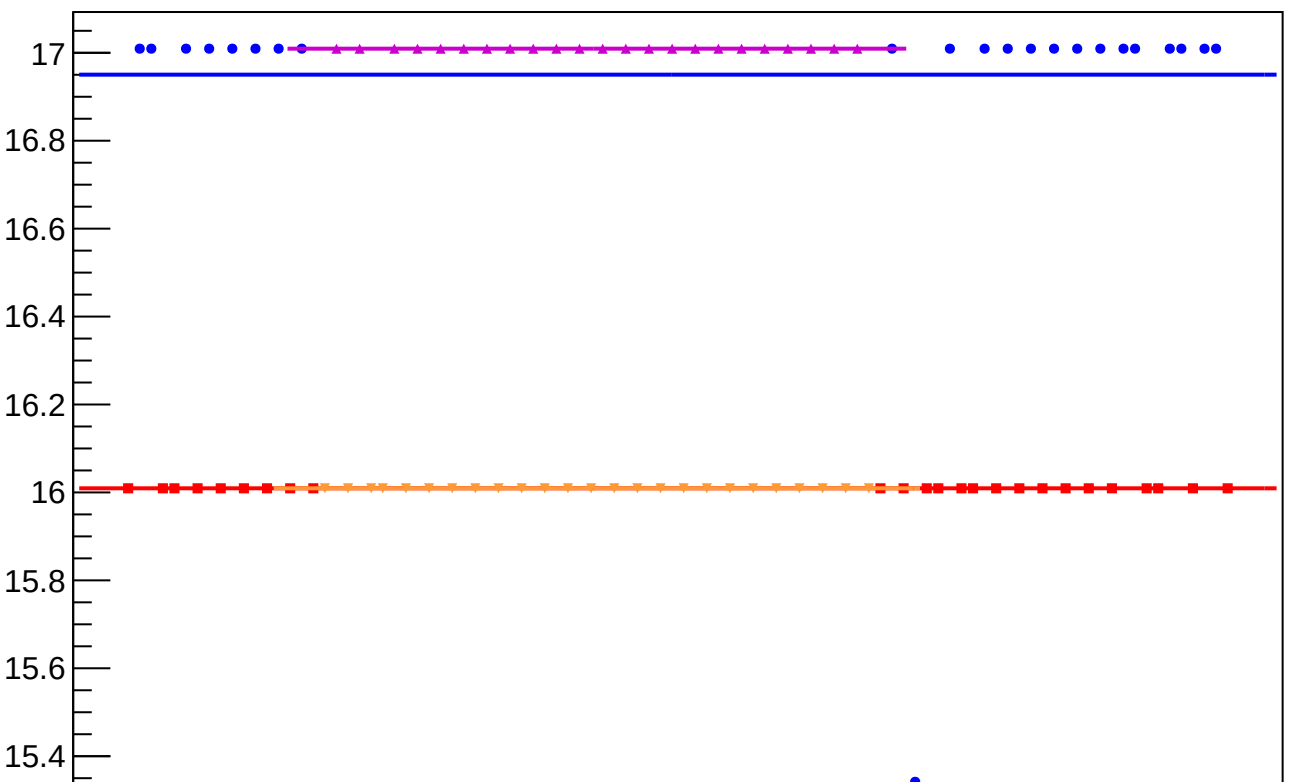
All: 16.505+/-0.000 χ^2/NDF: 1778506616307

Right Out: 17.009+/-0.000 χ^2/NDF: 176477299059388690317967 36.0/24

- sign 16.467+/-0.000 χ^2/NDF: 7706529204182833

Left In: 16.009+/-0.000 χ^2/NDF:12797317451275667767296 0.0/22

IGL1I00OD16_16_mean vs Slug



Right In: 16.950+/-0.000 χ^2/NDF: 13679528070016438027969202487296 0.0/22

Left Out: 16.009+/-0.000 χ^2/NDF:89740.8/24

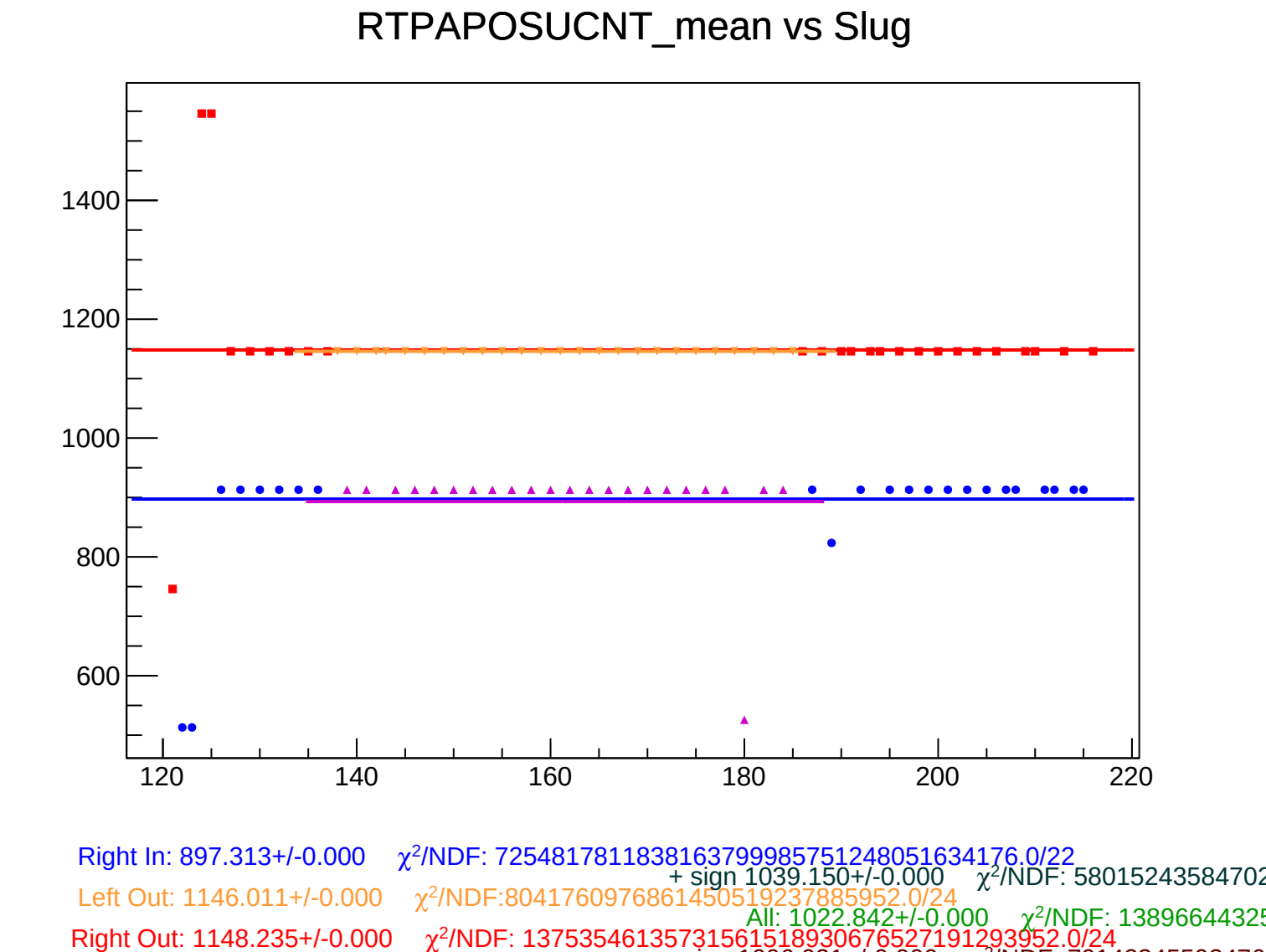
Right Out: 16.009+/-0.000 χ^2/NDF: 268225.3/24

Left In: 17.009+/-0.000 χ^2/NDF:1150334726334456549867520.0/22

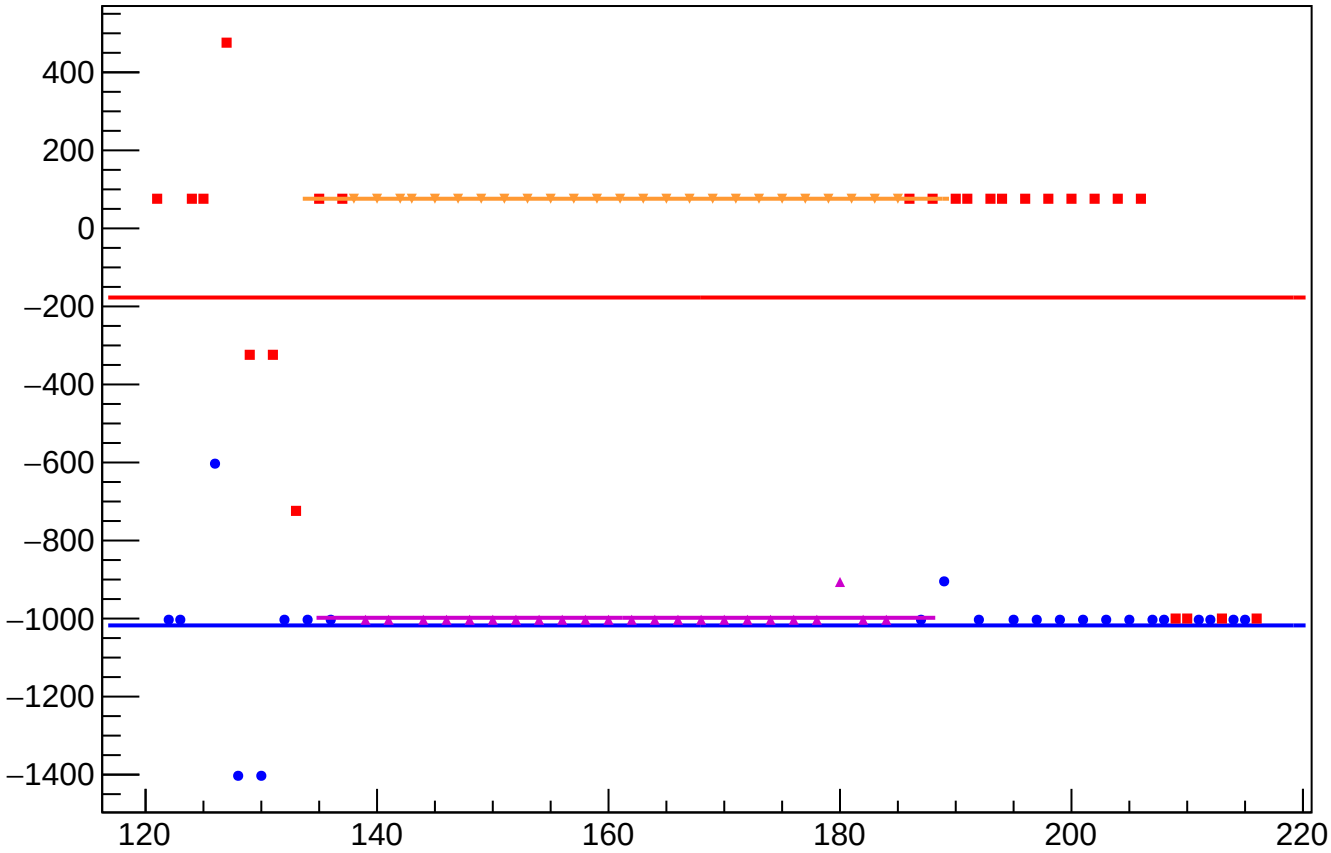
+ sign 16.417+/-0.000 χ^2/NDF: 8593811861620605

All: 16.487+/-0.000 χ^2/NDF: 1685811247567

- sign 16.561+/-0.000 χ^2/NDF: 7926026881636622


RTPAPOSUCNT_mean vs Slug
1400
1200
1000
800
600
120
140
160
180
200
220
Right In: 897.313+/-0.000 χ²/NDF: 725481781183816379998575124805163417 6.0/22
+ sign 1039.150+/-0.000 χ²/NDF: 5801524358470
Left Out: 1146.011+/-0.000 χ²/NDF:804176097686145051923788595 2.0/24
All: 1022.842+/-0.000 χ²/NDF: 138966443
Right Out: 1148.235+/-0.000 χ²/NDF: 13753546135731561518930676527191293952.0/24
- sign 1006.031+/-0.000 χ²/NDF: 7914234559247
Left In: 893.116+/-0.000 χ²/NDF:13219826761707982974212661987208331264.0/22

RTPAPOSVCNT_mean vs Slug



Right In: -1017.572+/-0.000 χ^2/NDF: 233867824721977022312958775453737287680.0/22

+ sign -393.880+/-0.000 χ^2/NDF: 10048686855053

Left Out: 76.011+/-0.000 χ^2/NDF:1100326362495713412083666124 8.0/24

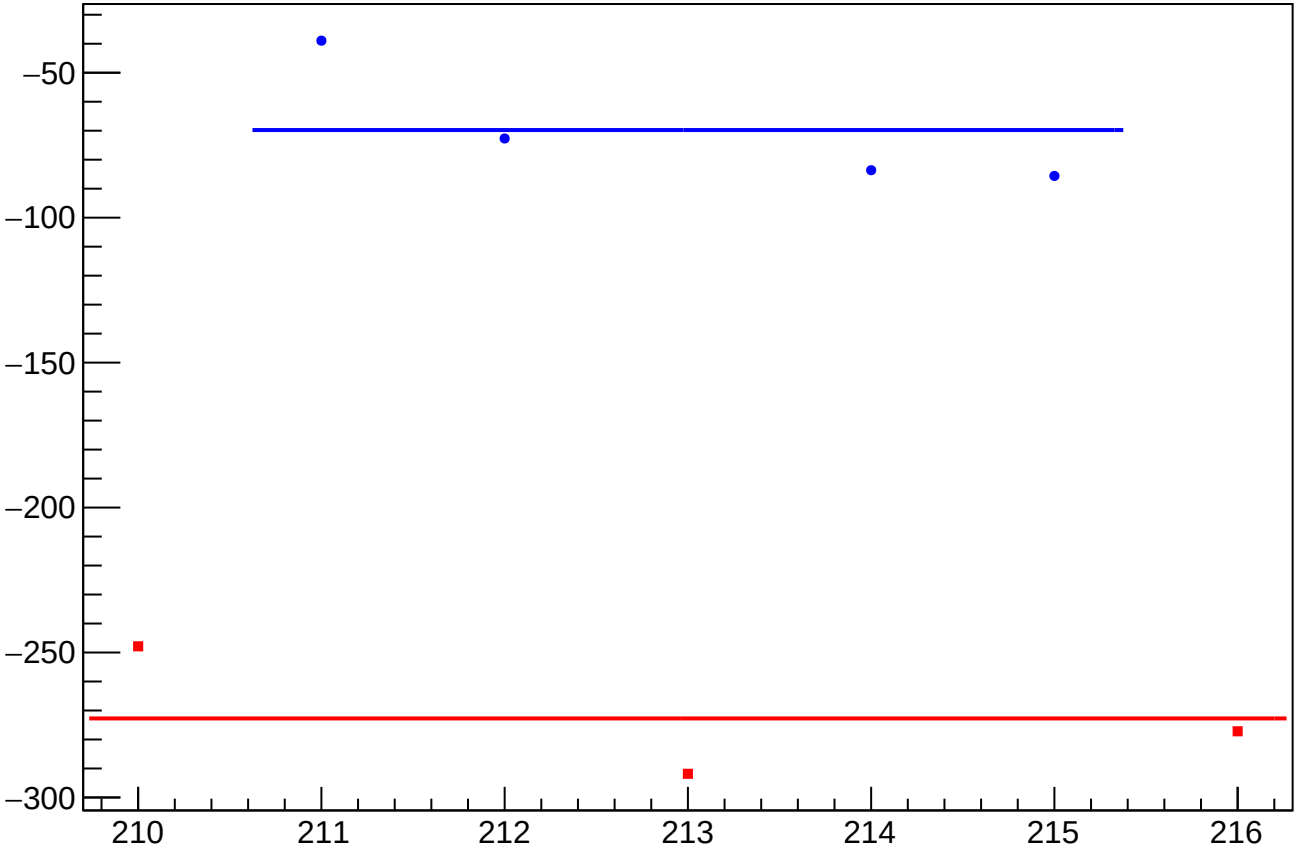
All: -512.471+/-0.000 χ^2/NDF: 1935520010

Right Out: -177.165+/-0.000 χ^2/NDF: 2940934961421410921968128885291996938 24.0/24

- sign -634.712+/-0.000 χ^2/NDF: 835002623979170

Left In: -998.020+/-0.000 χ^2/NDF:8262317360840356890684453782311403 52.0/22

RTPPITA1CNT_mean vs Slug



Right In: -69.774+/-0.000 χ^2/NDF: 10586408868319556875242115463066419 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -272.738+/-0.000 χ^2/NDF: 7433355917627249267709853287265075 2.0/2

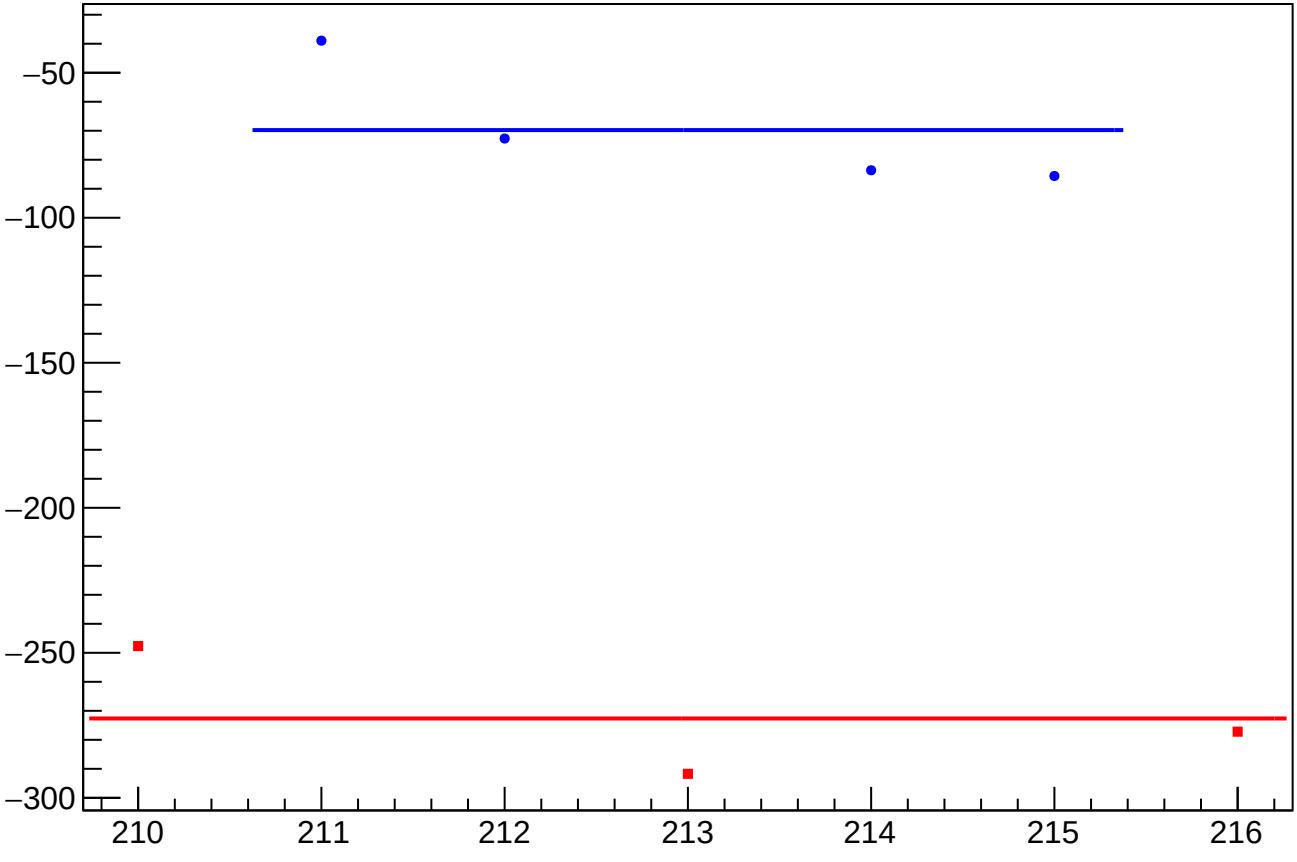
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -155.689+/-0.000 χ^2/NDF: 5359176322

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

RTPPITA2CNT_mean vs Slug



Right In: -69.774+/-0.000 χ^2/NDF: 10586408868319556875242115463066419 2.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -155.647+/-0.000 χ^2/NDF: 5354454331

Right Out: -272.639+/-0.000 χ^2/NDF: 7467939775974110597763998546499993 6.0/2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0